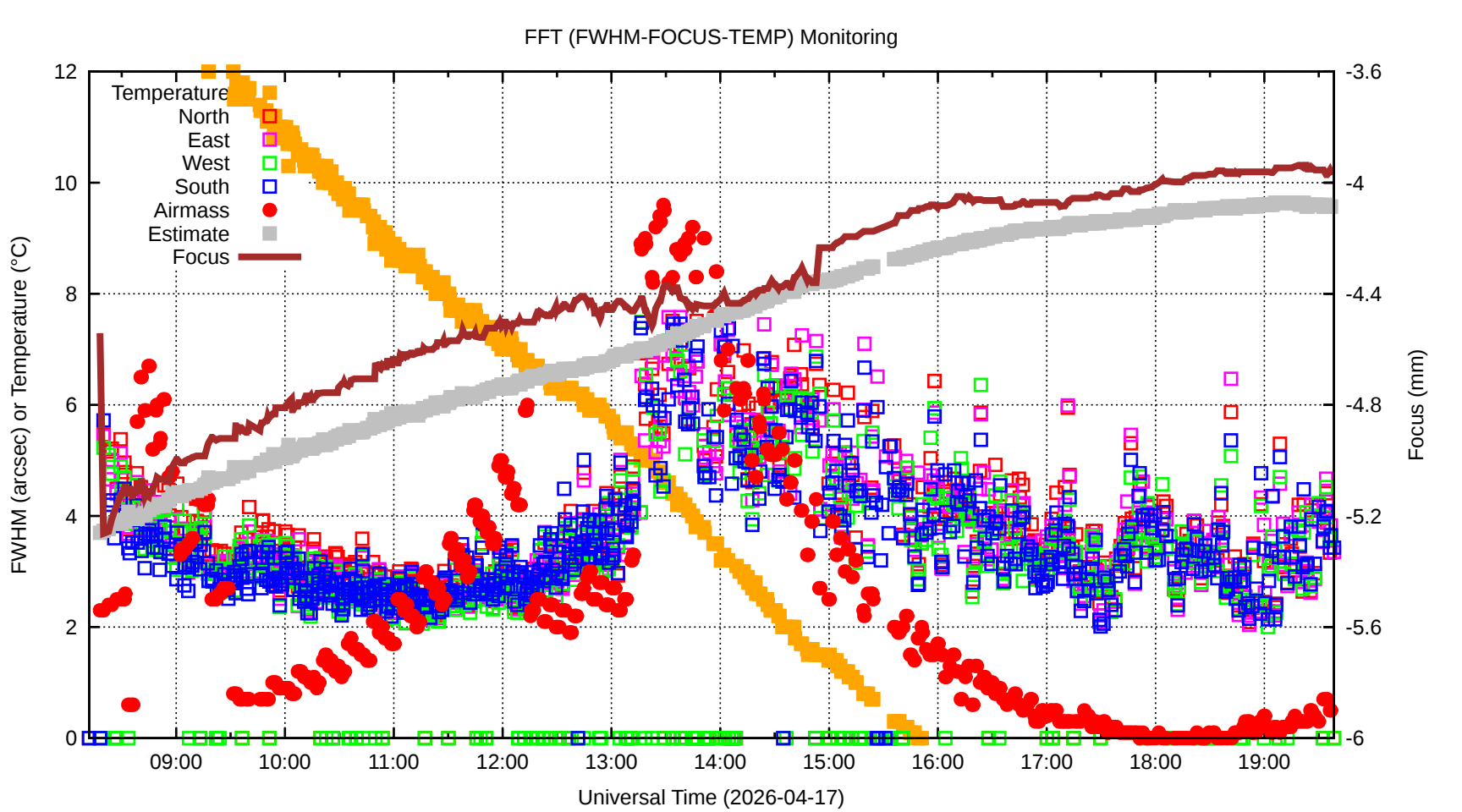
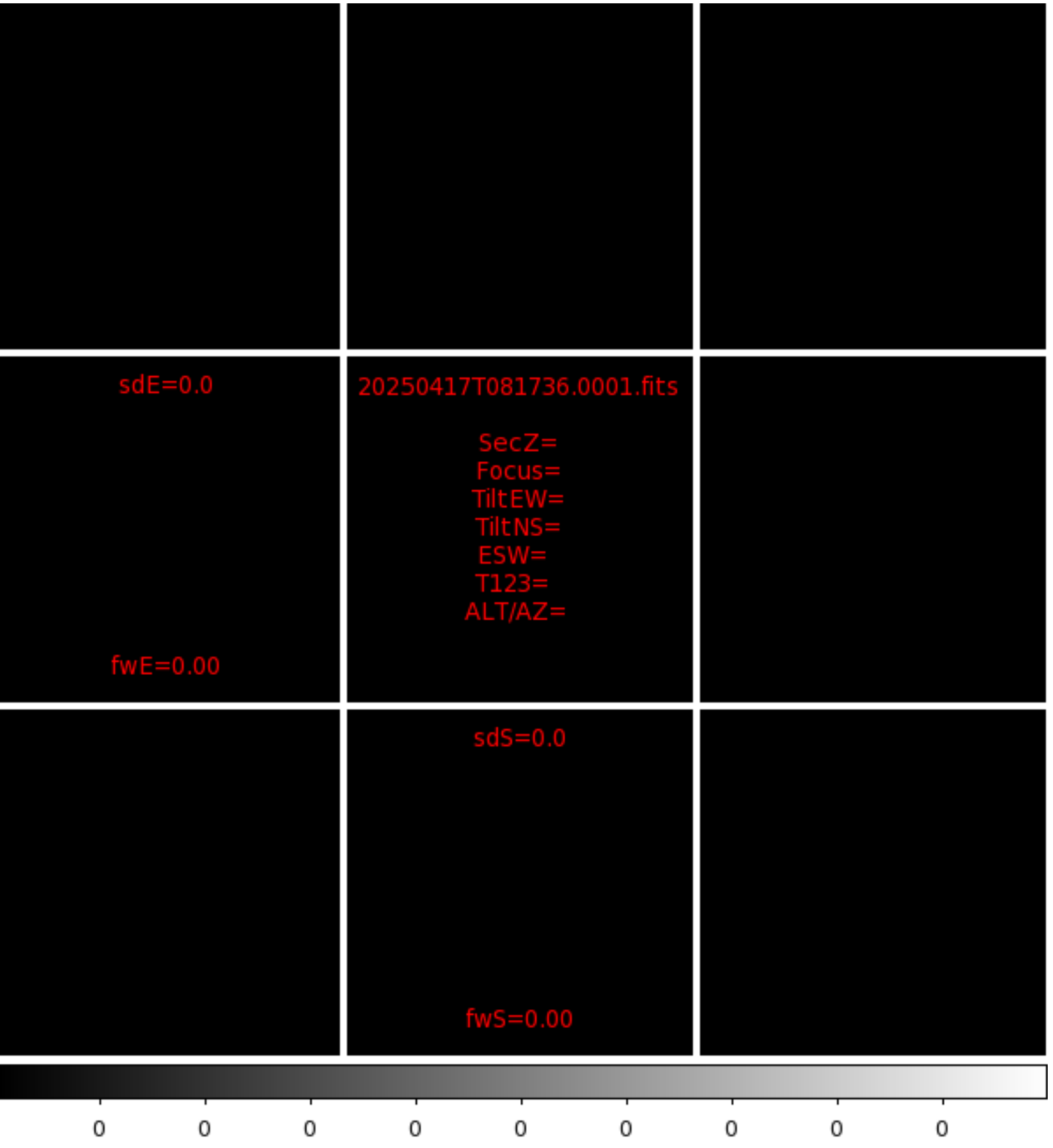
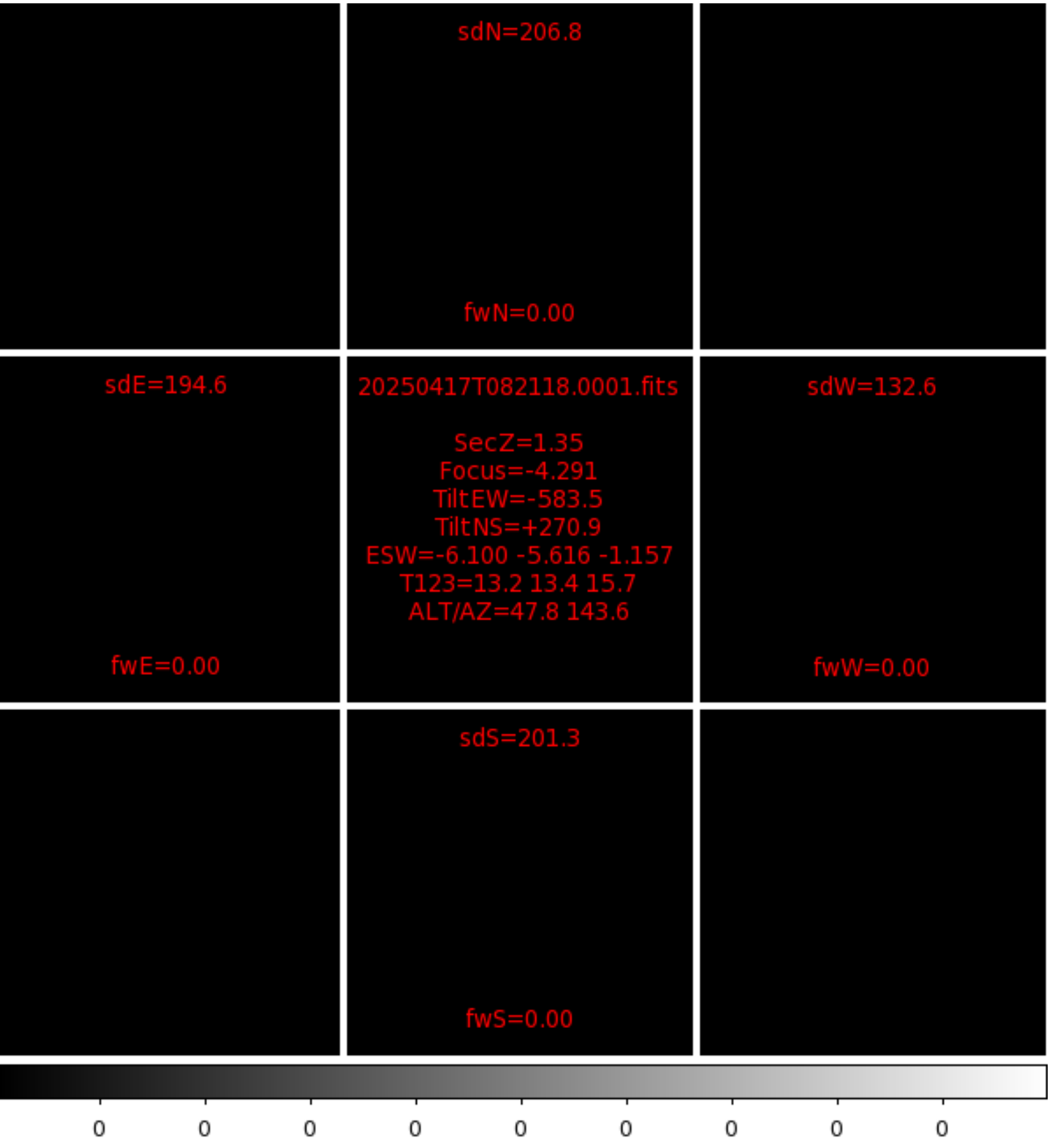
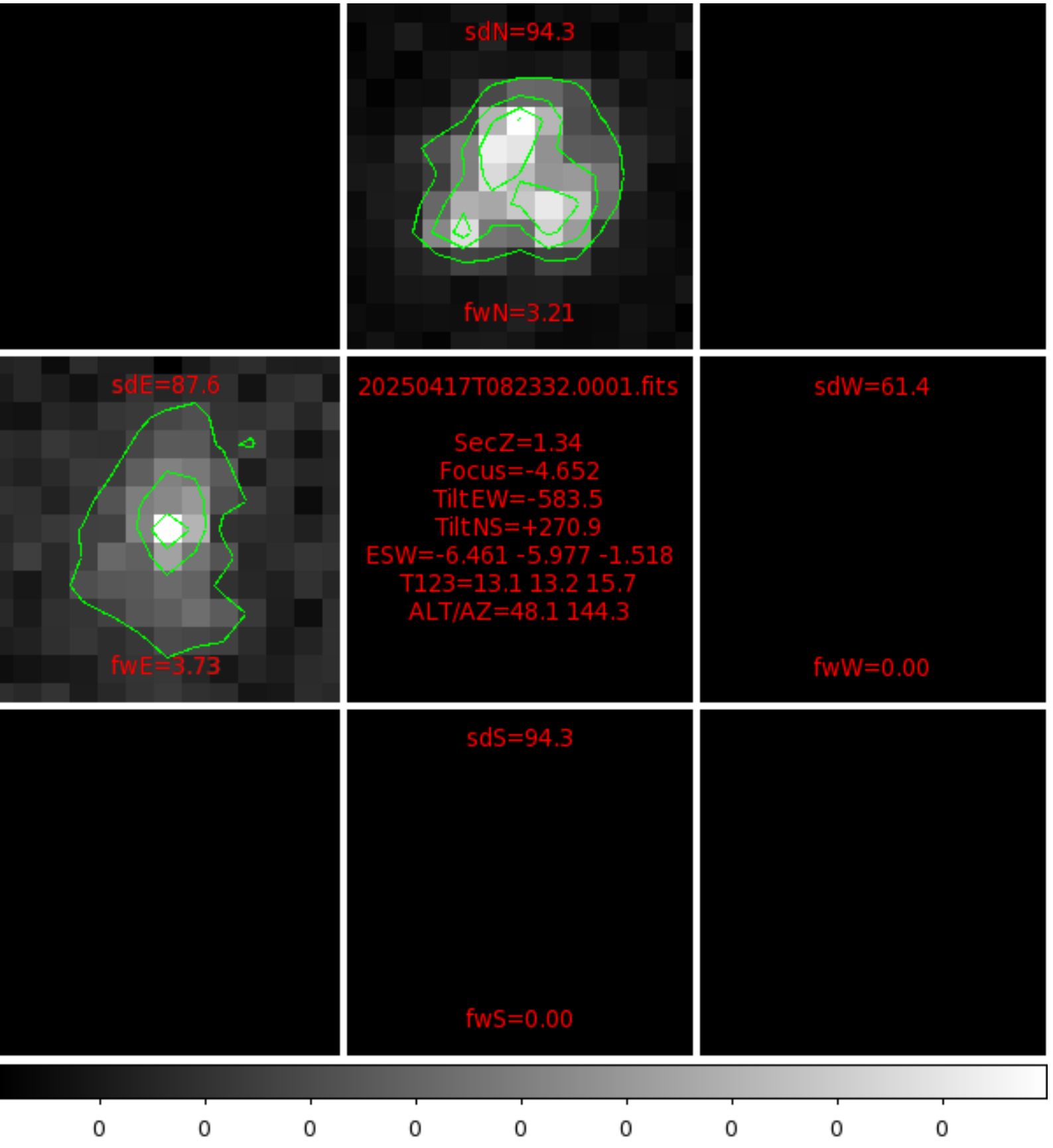
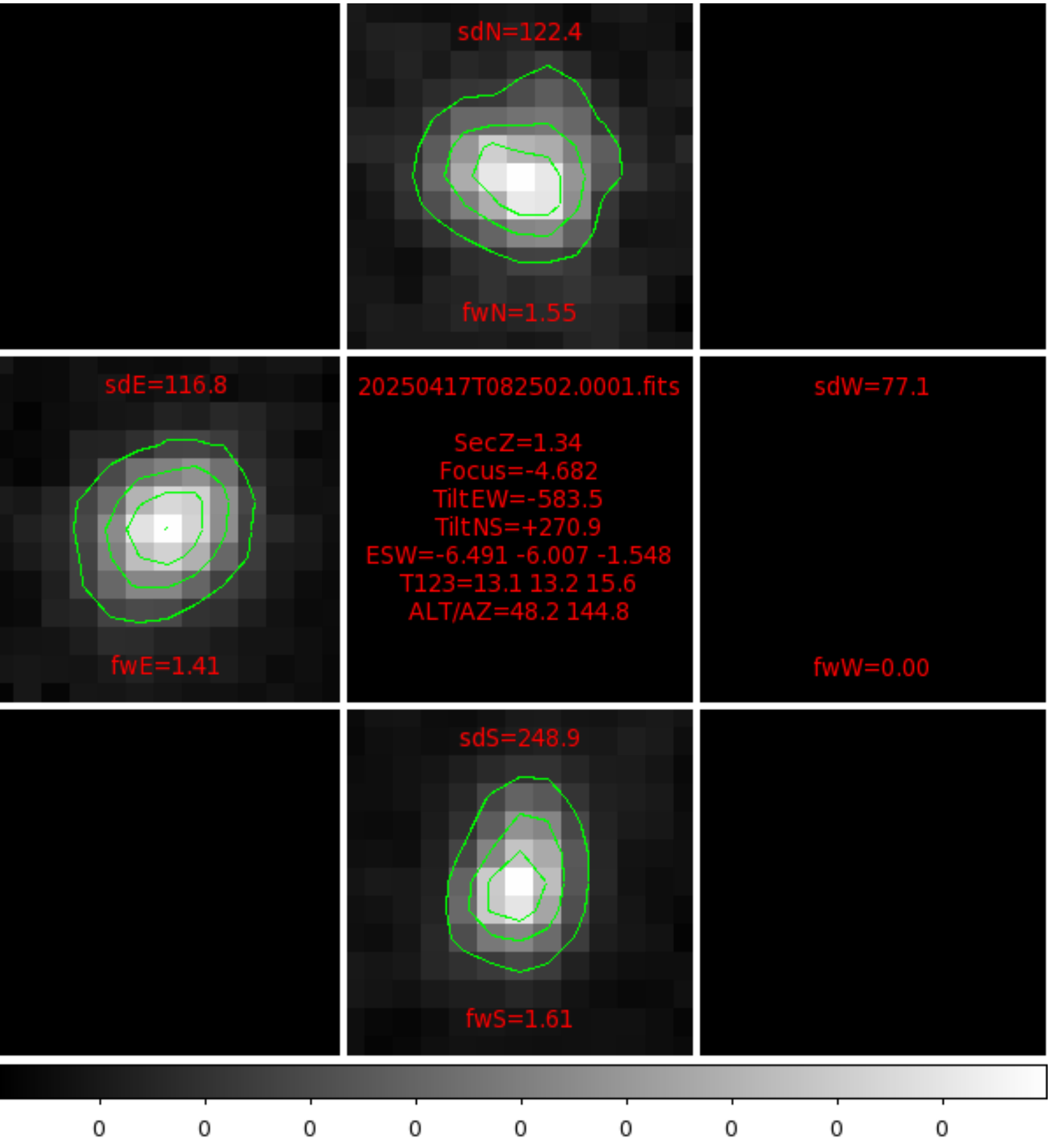
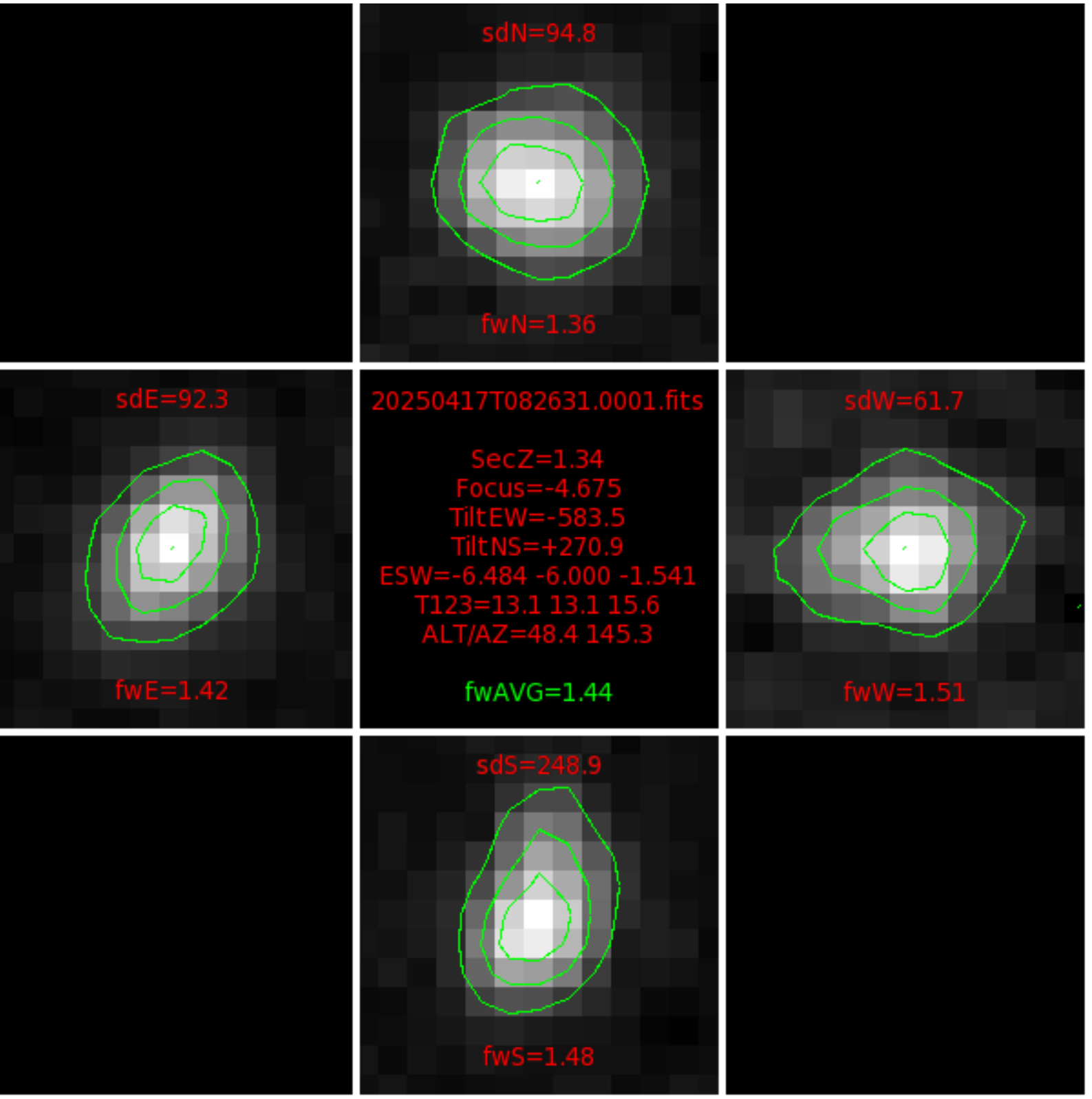

FFT (FWHM-FOCUS-TEMP) Monitoring
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2026-04-17)
0
2
4
6
8
10
12
-3.6
-4
-4.4
-4.8
-5.2
-5.6
-6
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00

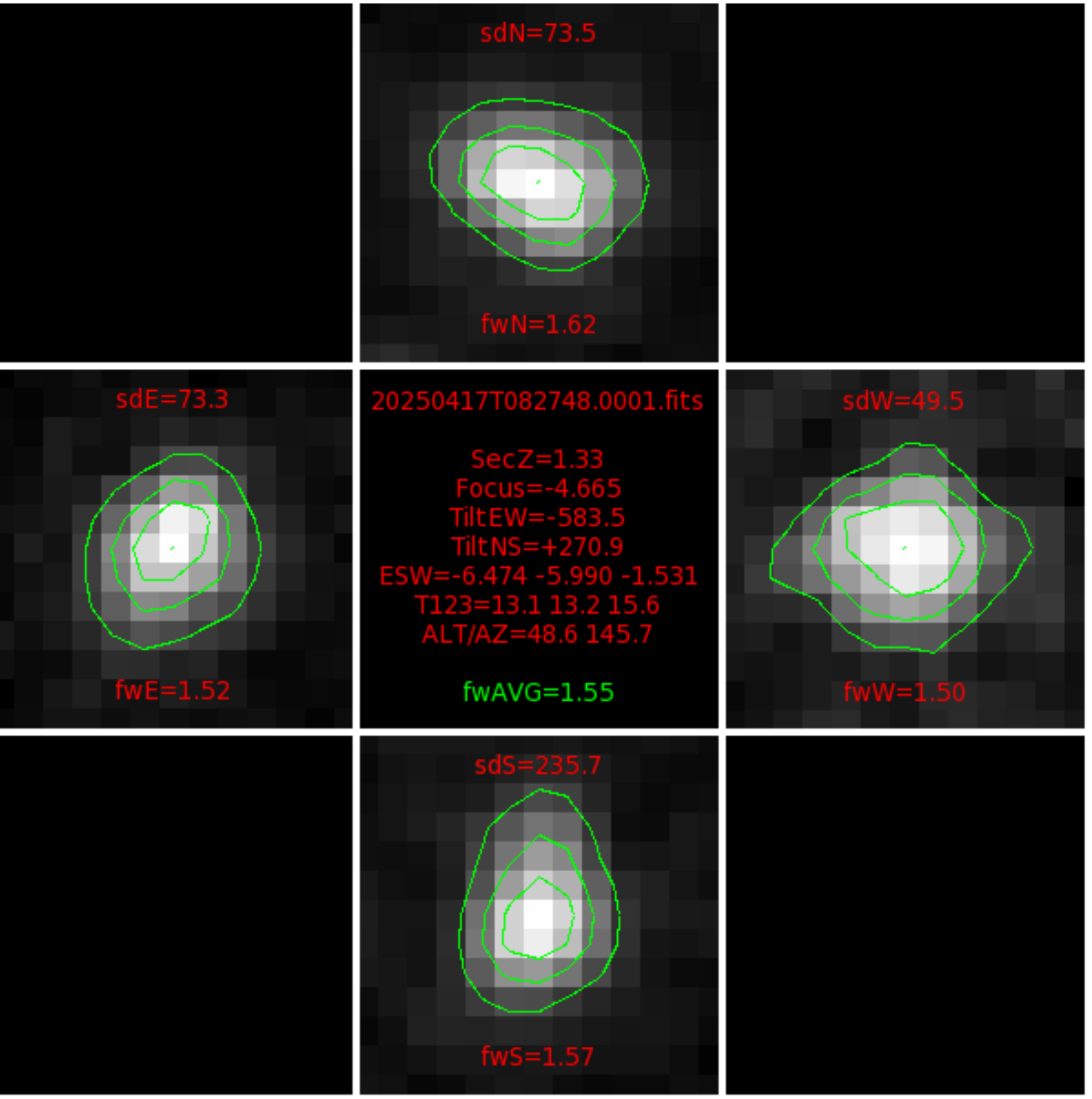

sdE=0.0
20250417T081736.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=0.00
sdS=0.0
fwS=0.00
0
0
0
0
0
0
0
0
0

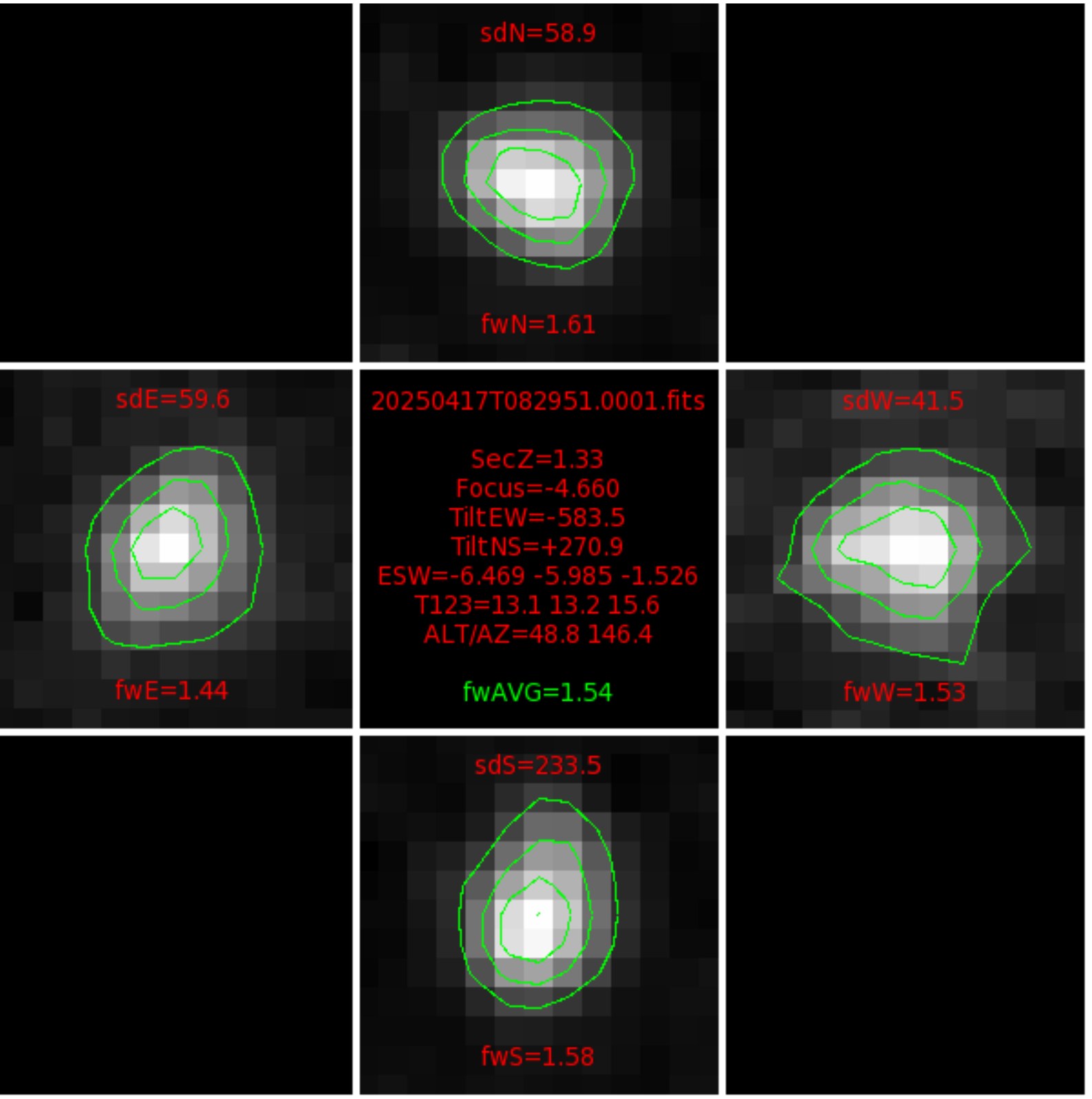

sdN=206.8
fwN=0.00
sdE=194.6
fwE=0.00
20250417T082118.0001.fits
SecZ=1.35
Focus=-4.291
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.100 -5.616 -1.157
T123=13.2 13.4 15.7
ALT/AZ=47.8 143.6
sdW=132.6
fwW=0.00
sdS=201.3
fwS=0.00
0 0 0 0 0 0 0 0 0

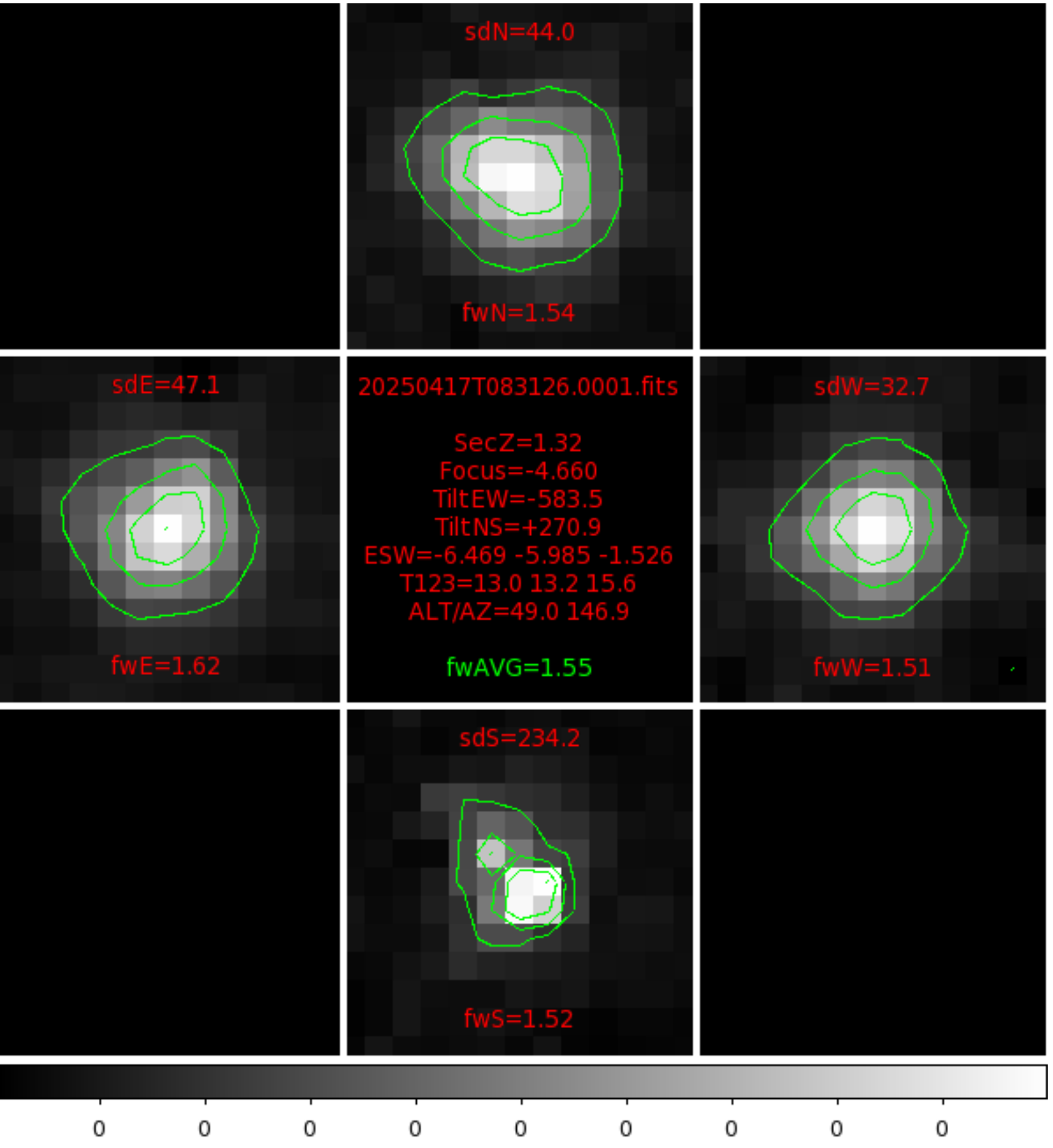

sdN=94.3
fwN=3.21
sdE=87.6
fwE=3.73
20250417T082332.0001.fits
SecZ=1.34
Focus=-4.652
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.461 -5.977 -1.518
T123=13.1 13.2 15.7
ALT/AZ=48.1 144.3
sdW=61.4
fwW=0.00
sdS=94.3
fwS=0.00
0 0 0 0 0 0 0 0 0

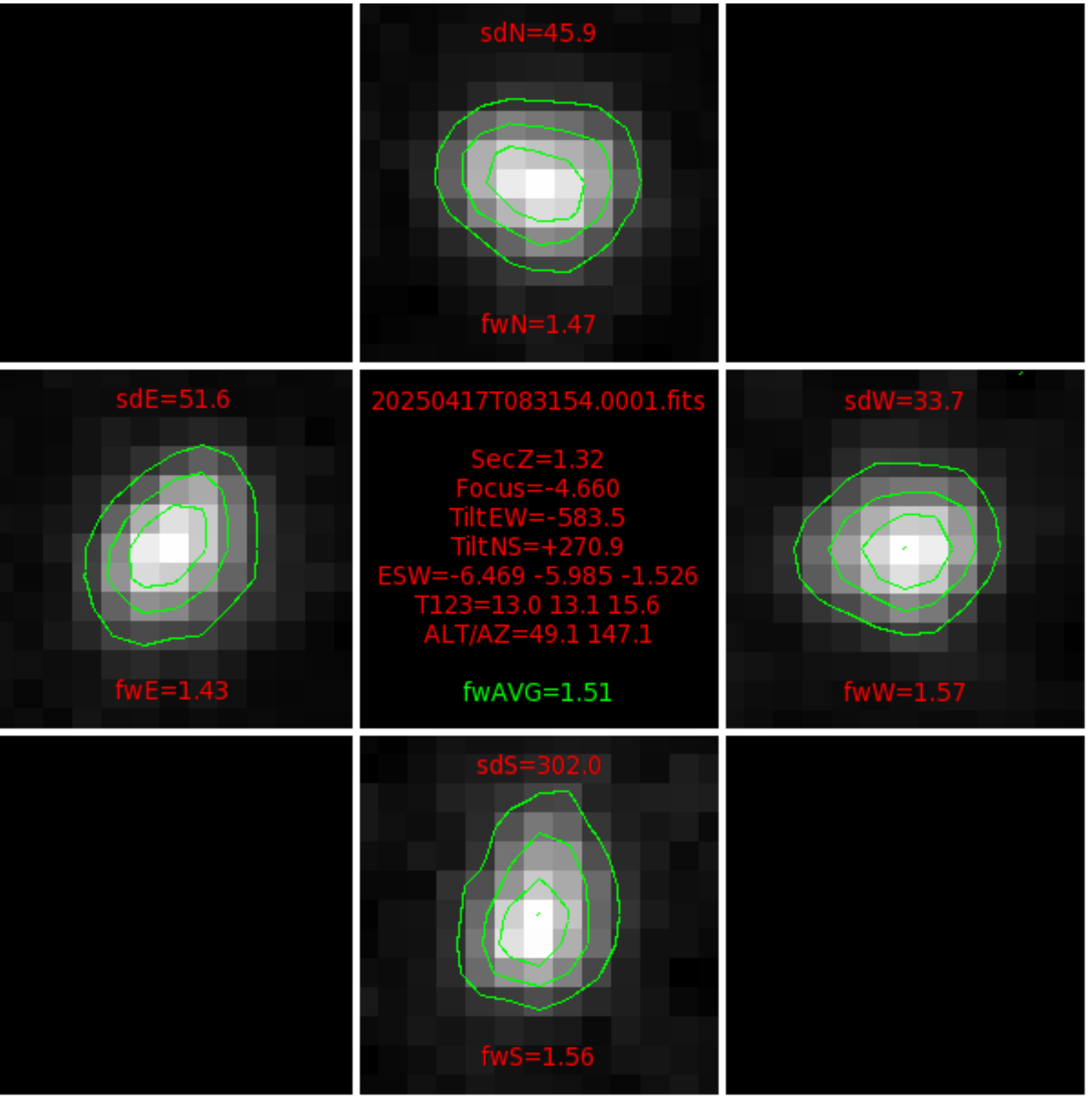

sdN=122.4
fwN=1.55
sdE=116.8
fwE=1.41
20250417T082502.0001.fits
SecZ=1.34
Focus=-4.682
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.491 -6.007 -1.548
T123=13.1 13.2 15.6
ALT/AZ=48.2 144.8
sdW=77.1
fwW=0.00
sdS=248.9
fwS=1.61
0 0 0 0 0 0 0 0 0

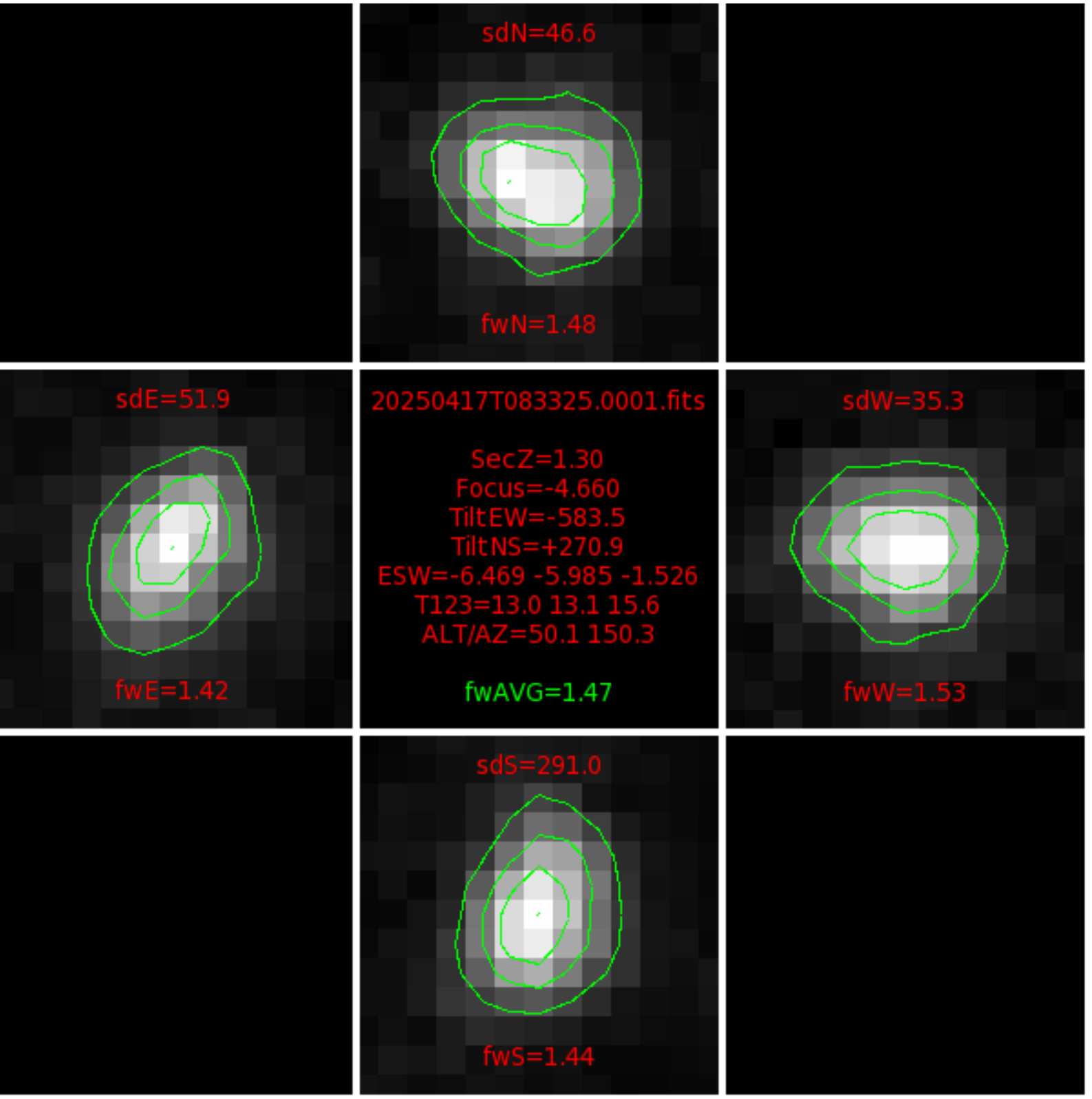

sdN=94.8
fwN=1.36
sdE=92.3
fwE=1.42
20250417T082631.0001.fits
SecZ=1.34
Focus=-4.675
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.484 -6.000 -1.541
T123=13.1 13.1 15.6
ALT/AZ=48.4 145.3
fwAVG=1.44
sdW=61.7
fwW=1.51
sdS=248.9
fwS=1.48
0 0 0 0 0 0 0 0 0

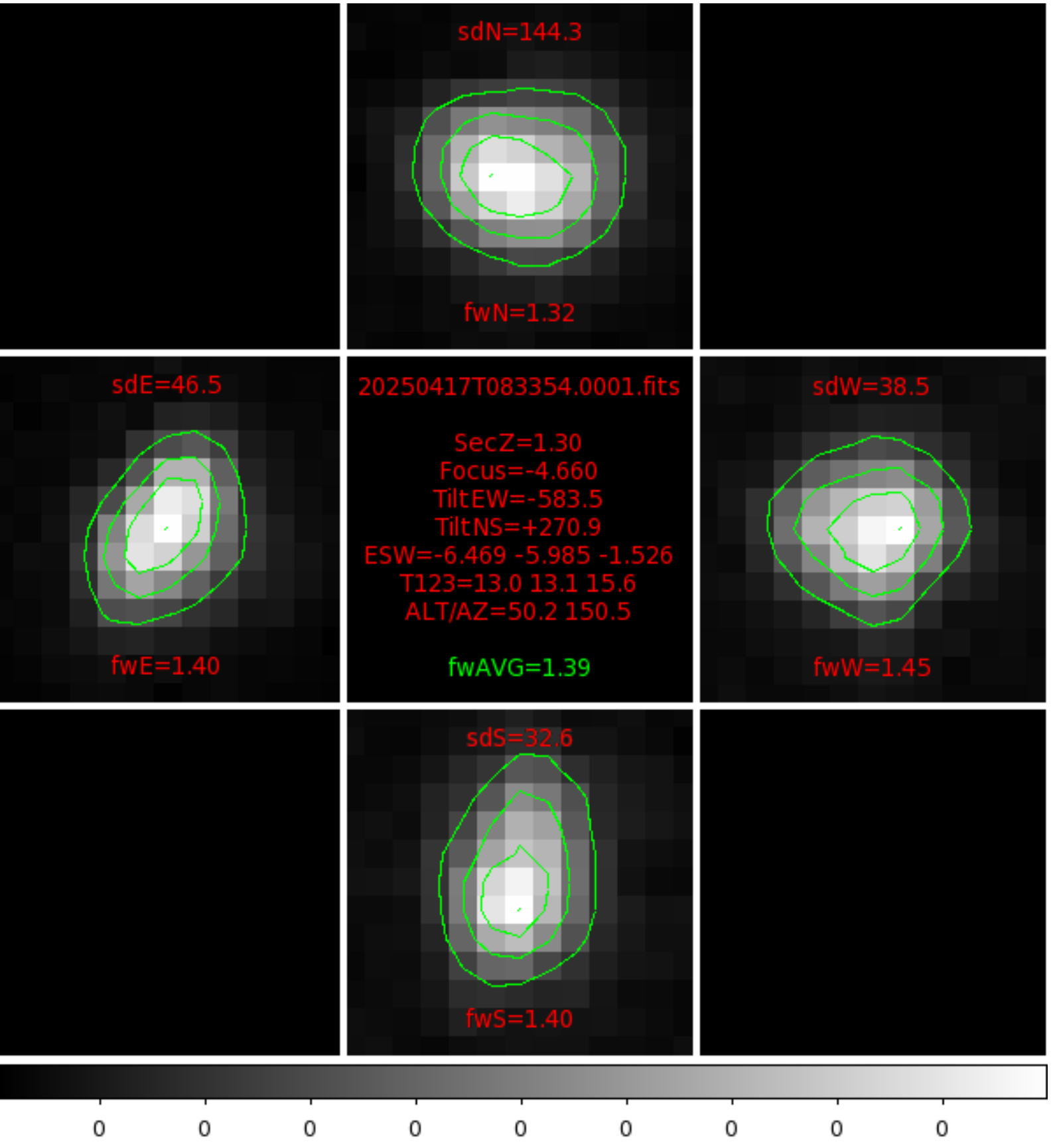

sdN=73.5
fwN=1.62
sdE=73.3
fwE=1.52
20250417T082748.0001.fits
SecZ=1.33
Focus=-4.665
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.474 -5.990 -1.531
T123=13.1 13.2 15.6
ALT/AZ=48.6 145.7
fwAVG=1.55
sdW=49.5
fwW=1.50
sdS=235.7
fwS=1.57
0 0 0 0 0 0 0 0 0

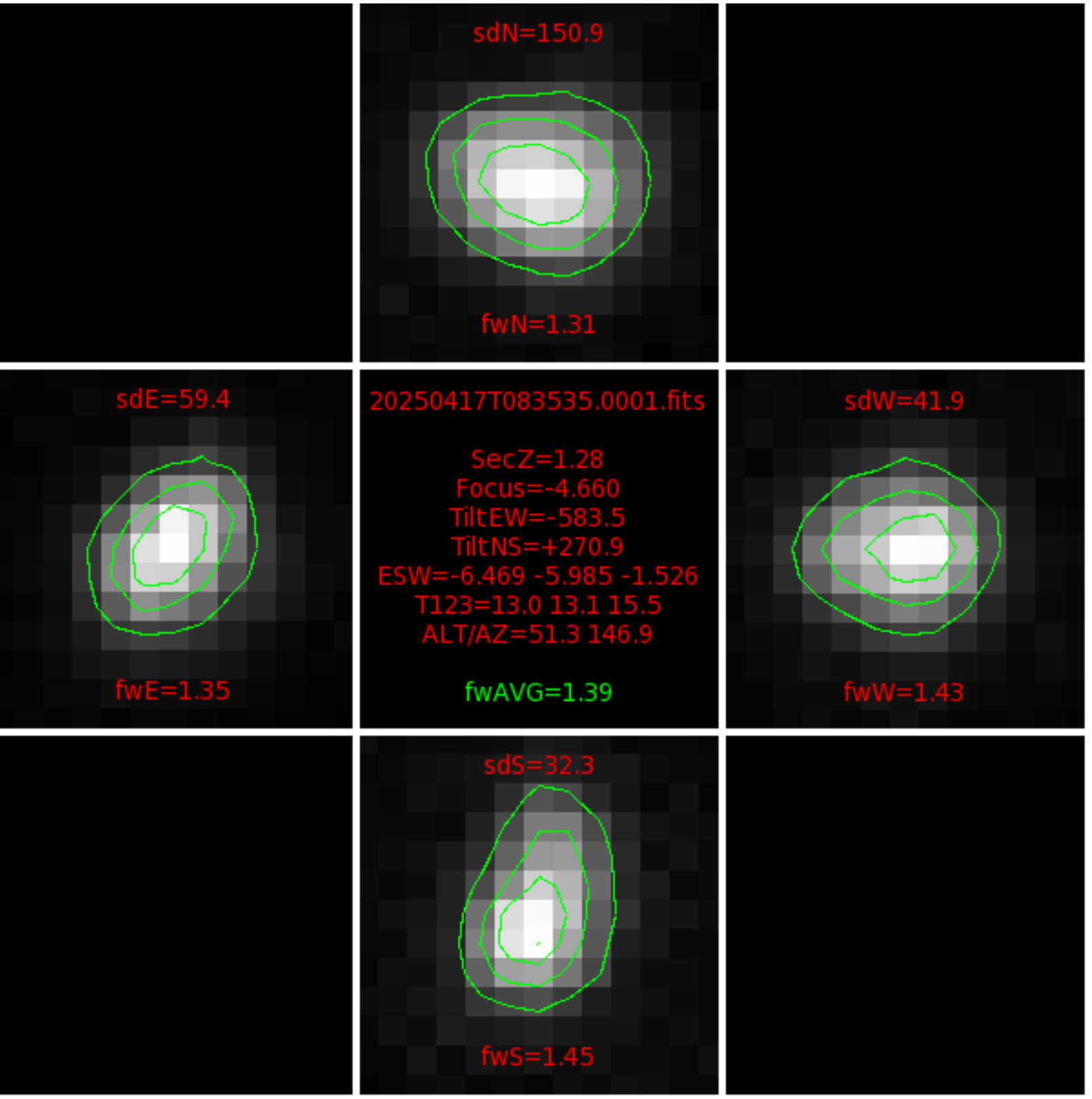

sdN=58.9
fwN=1.61
sdE=59.6
fwE=1.44
20250417T082951.0001.fits
SecZ=1.33
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=13.1 13.2 15.6
ALT/AZ=48.8 146.4
fwAVG=1.54
sdW=41.5
fwW=1.53
sdS=233.5
fwS=1.58
0 0 0 0 0 0 0 0 0

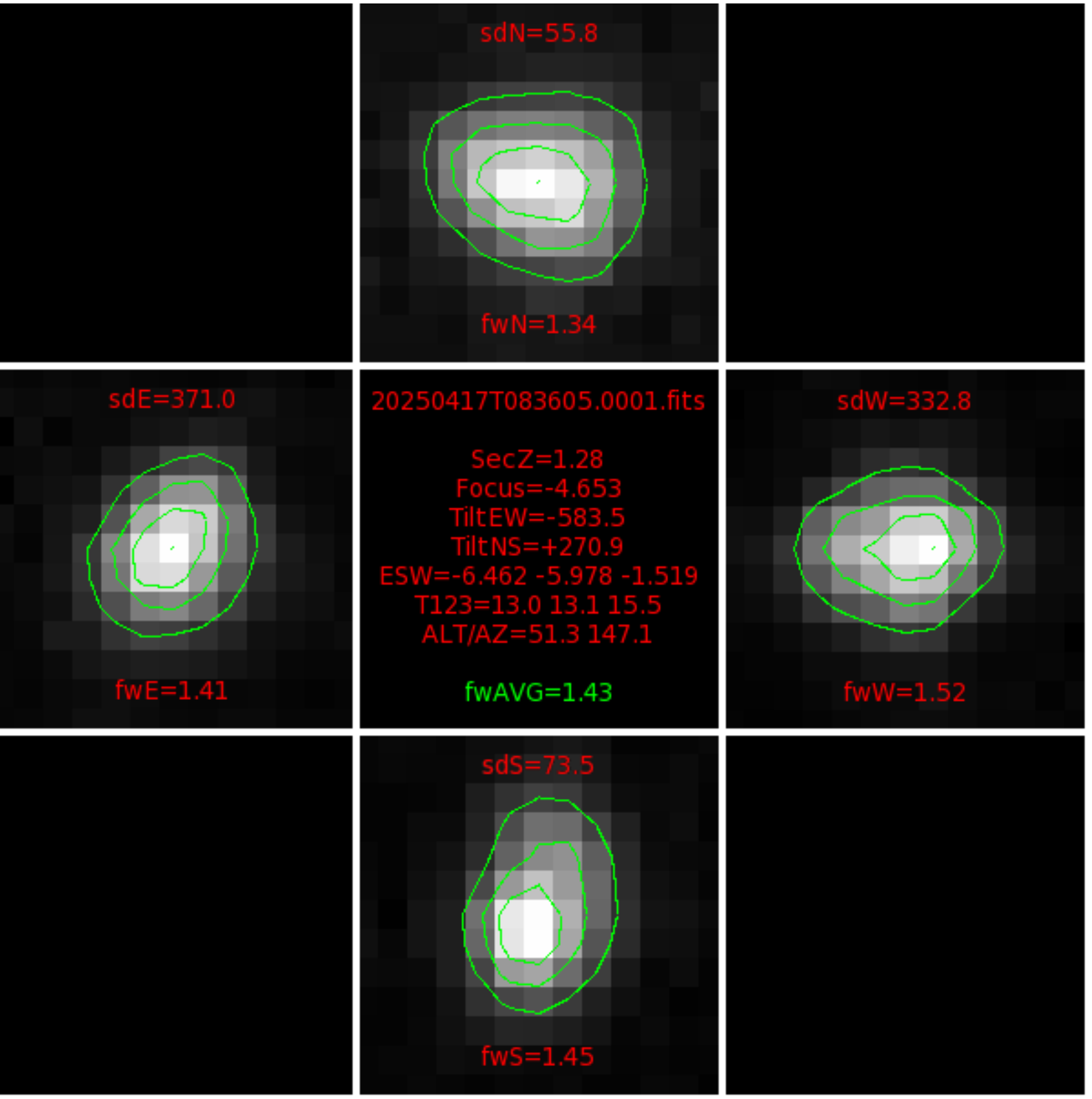

sdN=44.0
fwN=1.54
sdE=47.1
fwE=1.62
20250417T083126.0001.fits
SecZ=1.32
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=13.0 13.2 15.6
ALT/AZ=49.0 146.9
fwAVG=1.55
sdW=32.7
fwW=1.51
sdS=234.2
fwS=1.52
0 0 0 0 0 0 0 0 0

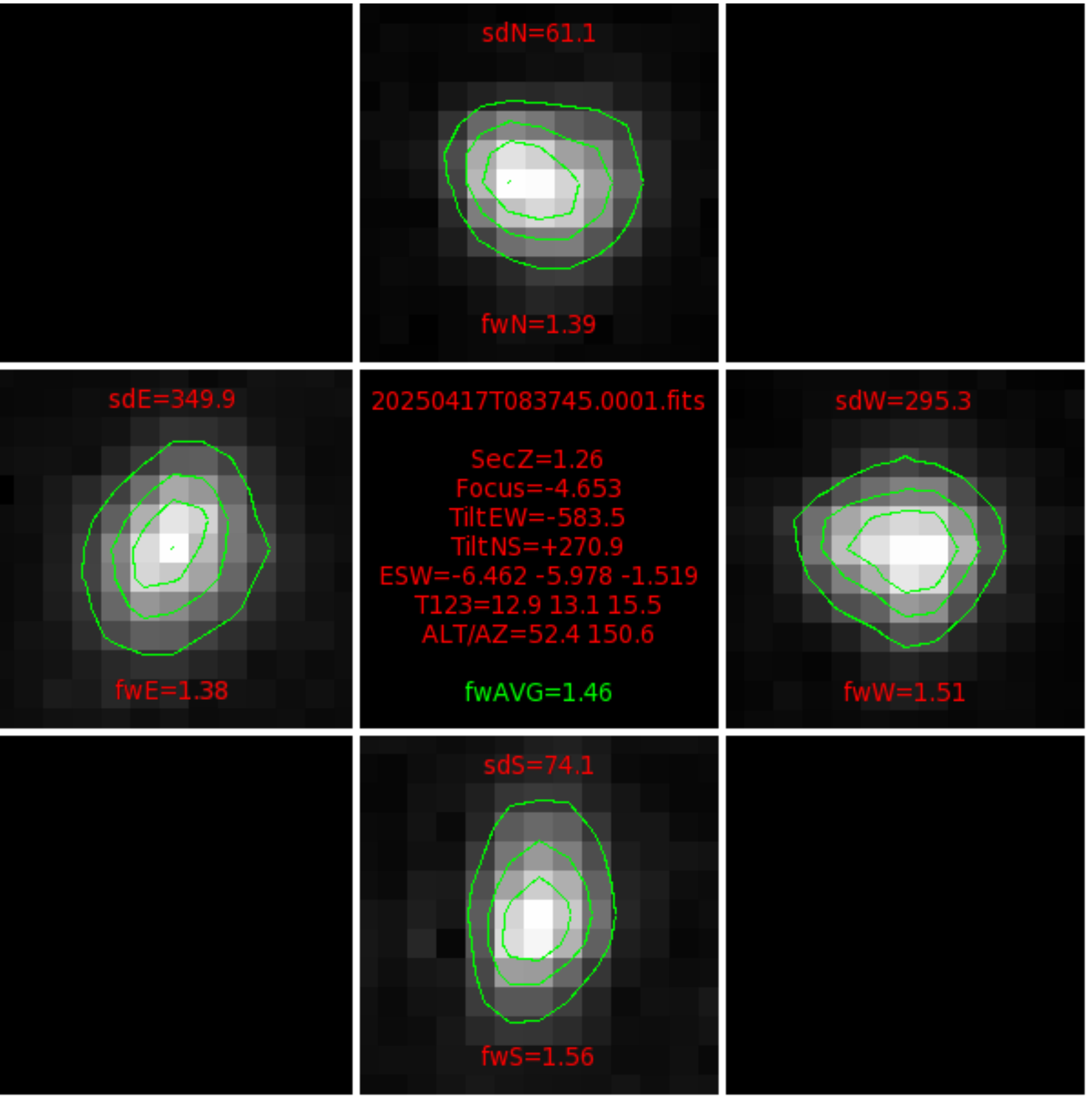

sdN=45.9
fwN=1.47
sdE=51.6
fwE=1.43
20250417T083154.0001.fits
SecZ=1.32
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=13.0 13.1 15.6
ALT/AZ=49.1 147.1
fwAVG=1.51
sdW=33.7
fwW=1.57
sdS=302.0
fwS=1.56
0 0 0 0 0 0 0 0 0

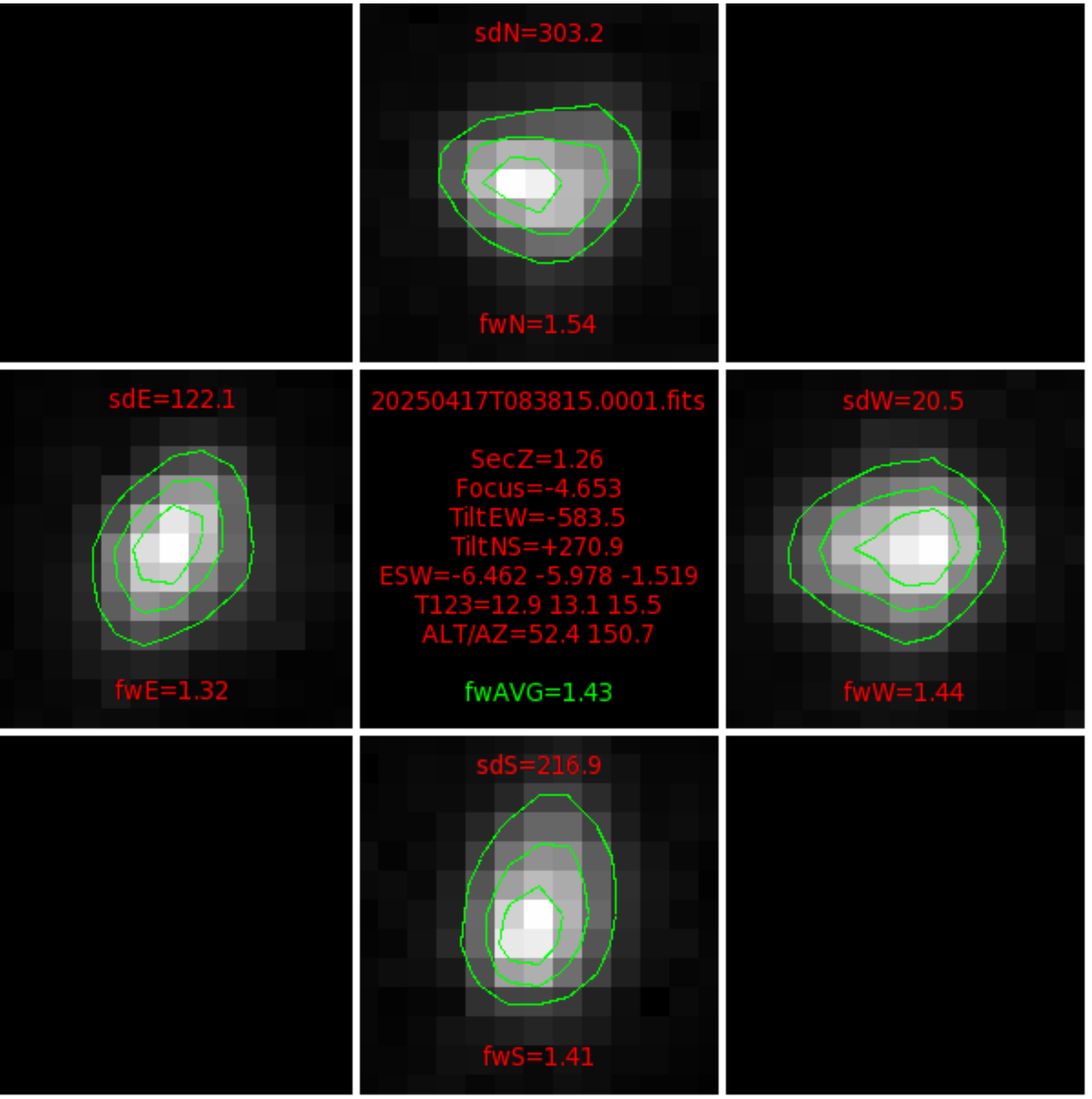

sdN=46.6
fwN=1.48
sdE=51.9
fwE=1.42
20250417T083325.0001.fits
SecZ=1.30
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=13.0 13.1 15.6
ALT/AZ=50.1 150.3
fwAVG=1.47
sdW=35.3
fwW=1.53
sdS=291.0
fwS=1.44
0 0 0 0 0 0 0 0 0


sdN=144.3
fwN=1.32
sdE=46.5
fwE=1.40
20250417T083354.0001.fits
SecZ=1.30
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=13.0 13.1 15.6
ALT/AZ=50.2 150.5
fwAVG=1.39
sdW=38.5
fwW=1.45
sdS=32.6
fwS=1.40
0 0 0 0 0 0 0 0 0


sdN=150.9
fwN=1.31
sdE=59.4
fwE=1.35
20250417T083535.0001.fits
SecZ=1.28
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=13.0 13.1 15.5
ALT/AZ=51.3 146.9
fwAVG=1.39
sdW=41.9
fwW=1.43
sdS=32.3
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=55.8
fwN=1.34
sdE=371.0
fwE=1.41
20250417T083605.0001.fits
SecZ=1.28
Focus=-4.653
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.462 -5.978 -1.519
T123=13.0 13.1 15.5
ALT/AZ=51.3 147.1
fwAVG=1.43
sdW=332.8
fwW=1.52
sdS=73.5
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=61.1
fwN=1.39
sdE=349.9
fwE=1.38
20250417T083745.0001.fits
SecZ=1.26
Focus=-4.653
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.462 -5.978 -1.519
T123=12.9 13.1 15.5
ALT/AZ=52.4 150.6
fwAVG=1.46
sdW=295.3
fwW=1.51
sdS=74.1
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=303.2
fwN=1.54
sdE=122.1
fwE=1.32
20250417T083815.0001.fits
SecZ=1.26
Focus=-4.653
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.462 -5.978 -1.519
T123=12.9 13.1 15.5
ALT/AZ=52.4 150.7
fwAVG=1.43
sdW=20.5
fwW=1.44
sdS=216.9
fwS=1.41
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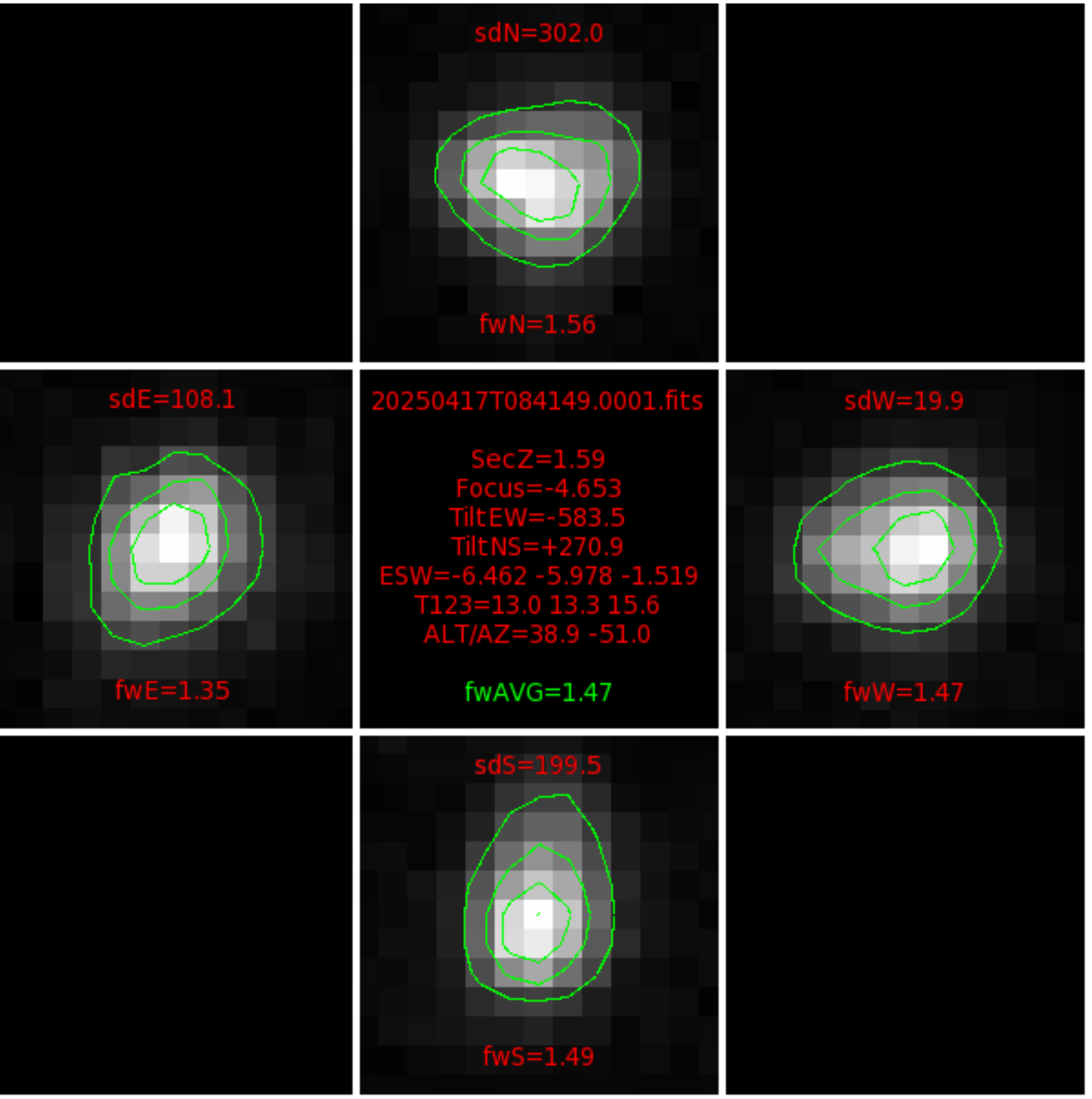
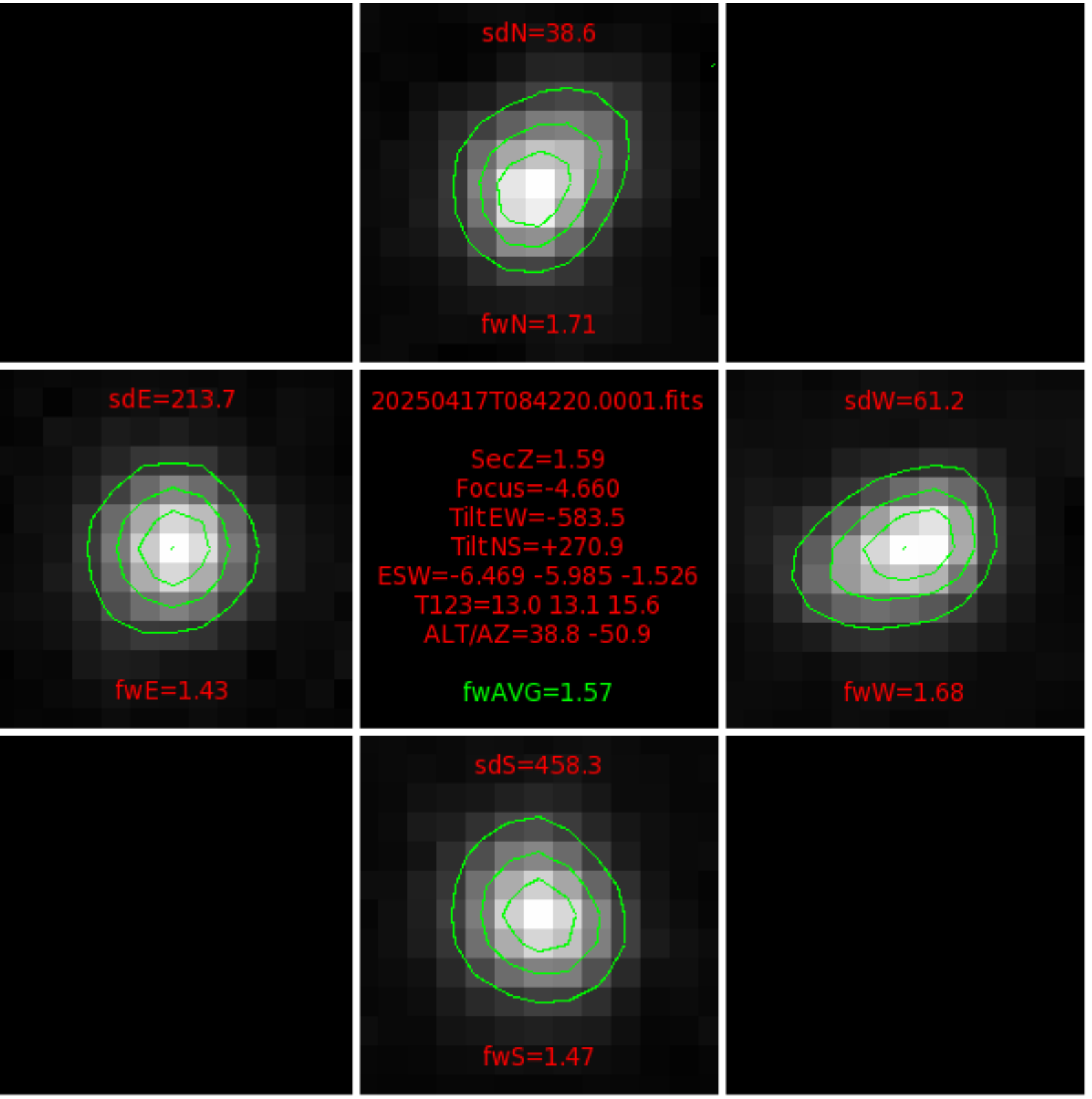

sdN=302.0
fwN=1.56
sdE=108.1
fwE=1.35
20250417T084149.0001.fits
SecZ=1.59
Focus=-4.653
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.462 -5.978 -1.519
T123=13.0 13.3 15.6
ALT/AZ=38.9 -51.0
fwAVG=1.47
sdW=19.9
fwW=1.47
sdS=199.5
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=38.6
fwN=1.71
sdE=213.7
fwE=1.43
20250417T084220.0001.fits
SecZ=1.59
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=13.0 13.1 15.6
ALT/AZ=38.8 -50.9
fwAVG=1.57
sdW=61.2
fwW=1.68
sdS=458.3
fwS=1.47
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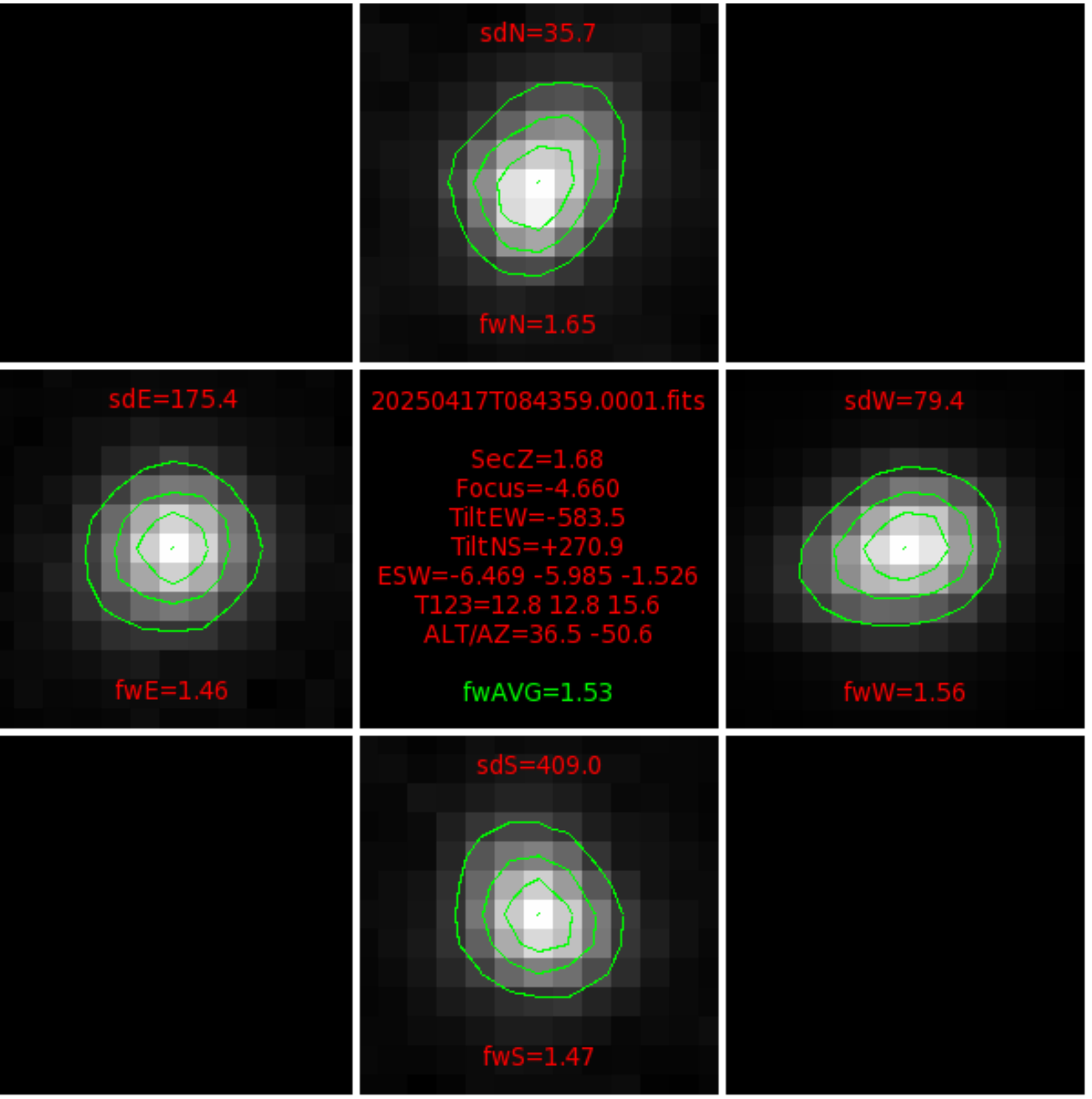
sdN=35.7
fwN=1.65
sdE=175.4
fwE=1.46
20250417T084359.0001.fits
SecZ=1.68
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=12.8 12.8 15.6
ALT/AZ=36.5 -50.6
fwAVG=1.53
sdW=79.4
fwW=1.56
sdS=409.0
fwS=1.47
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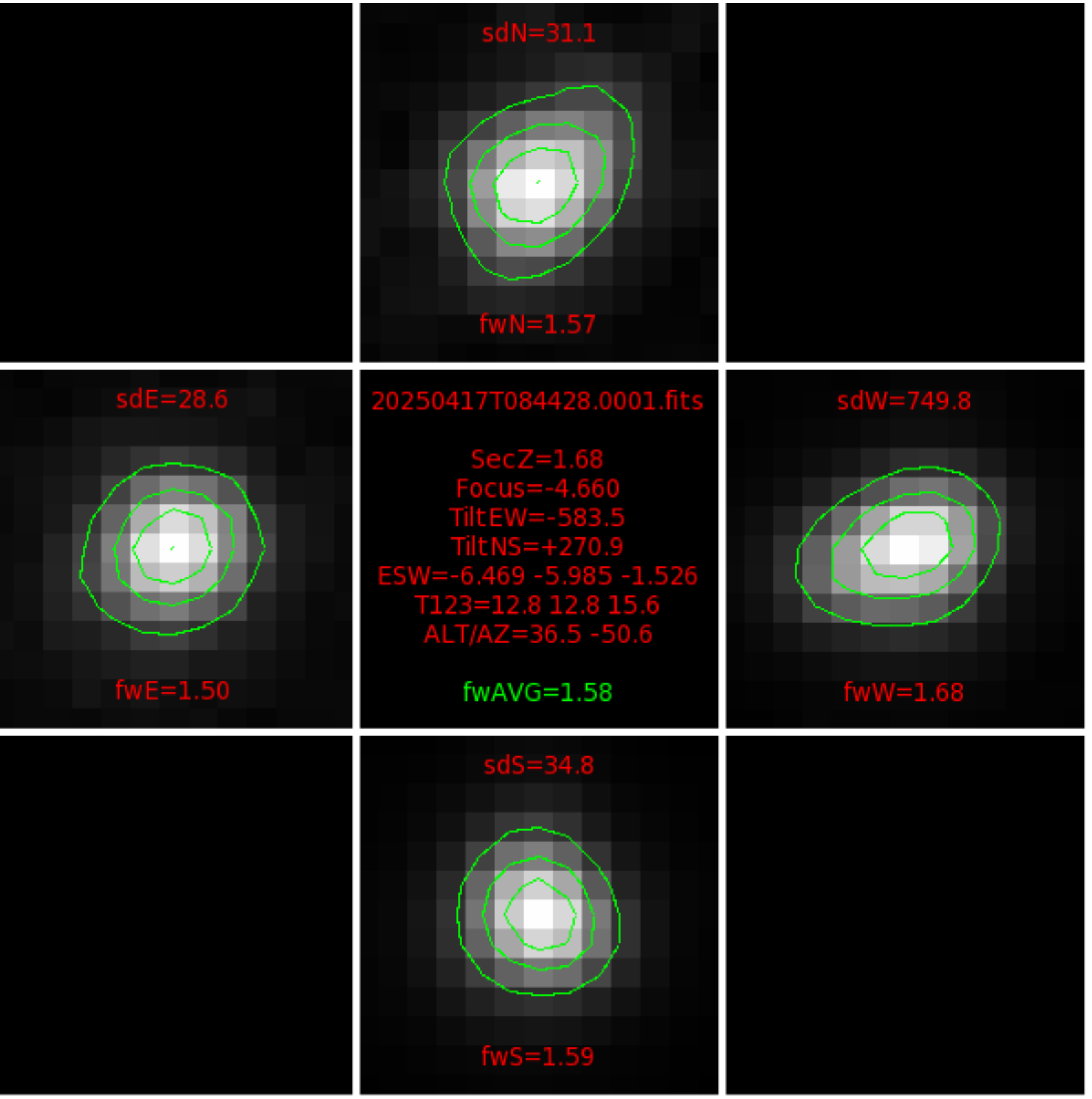
sdN=31.1
fwN=1.57
sdE=28.6
fwE=1.50
20250417T084428.0001.fits
SecZ=1.68
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=12.8 12.8 15.6
ALT/AZ=36.5 -50.6
fwAVG=1.58
sdW=749.8
fwW=1.68
sdS=34.8
fwS=1.59
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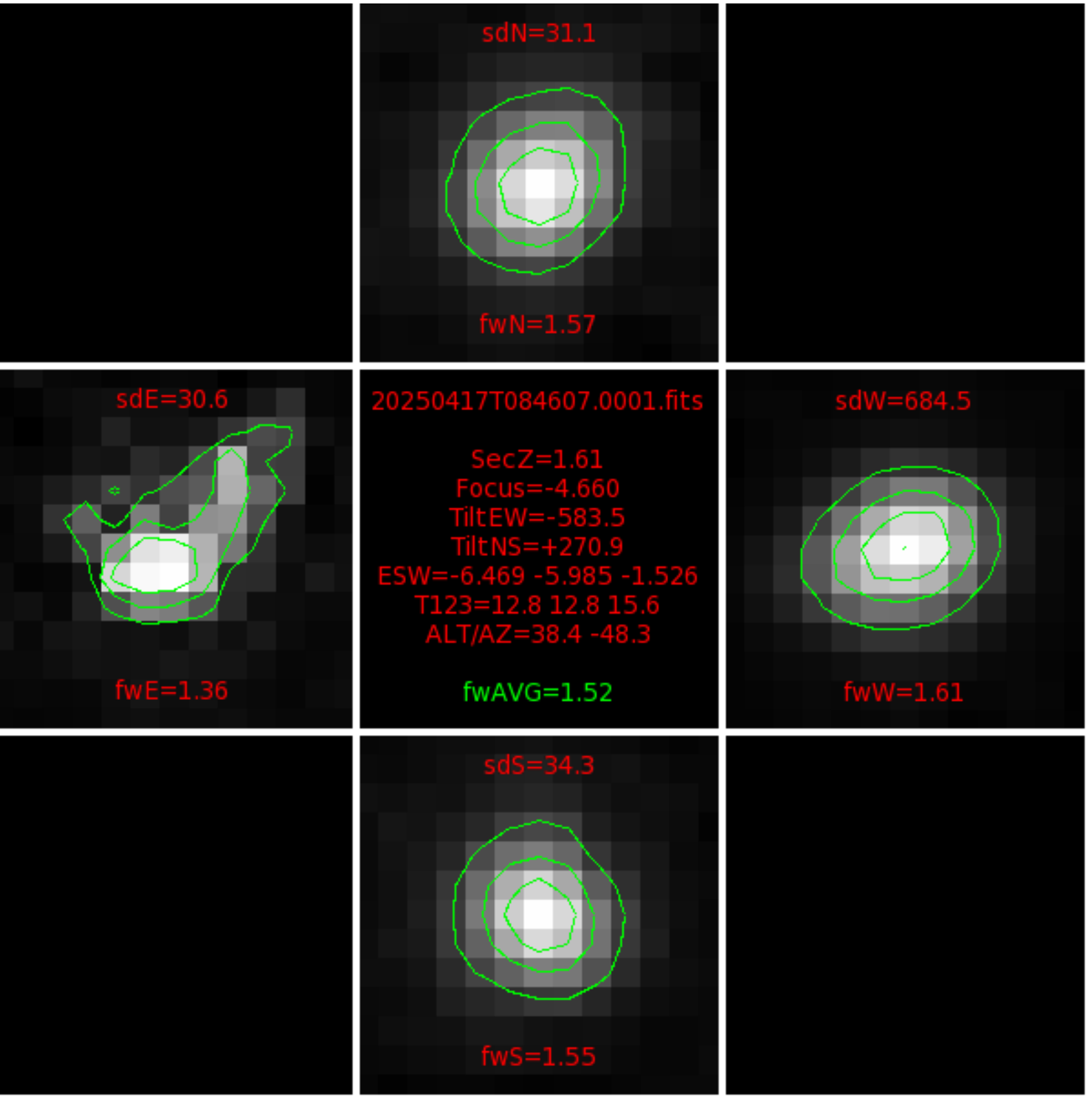
sdN=31.1
fwN=1.57
sdE=30.6
fwE=1.36
20250417T084607.0001.fits
SecZ=1.61
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=12.8 12.8 15.6
ALT/AZ=38.4 -48.3
fwAVG=1.52
sdW=684.5
fwW=1.61
sdS=34.3
fwS=1.55
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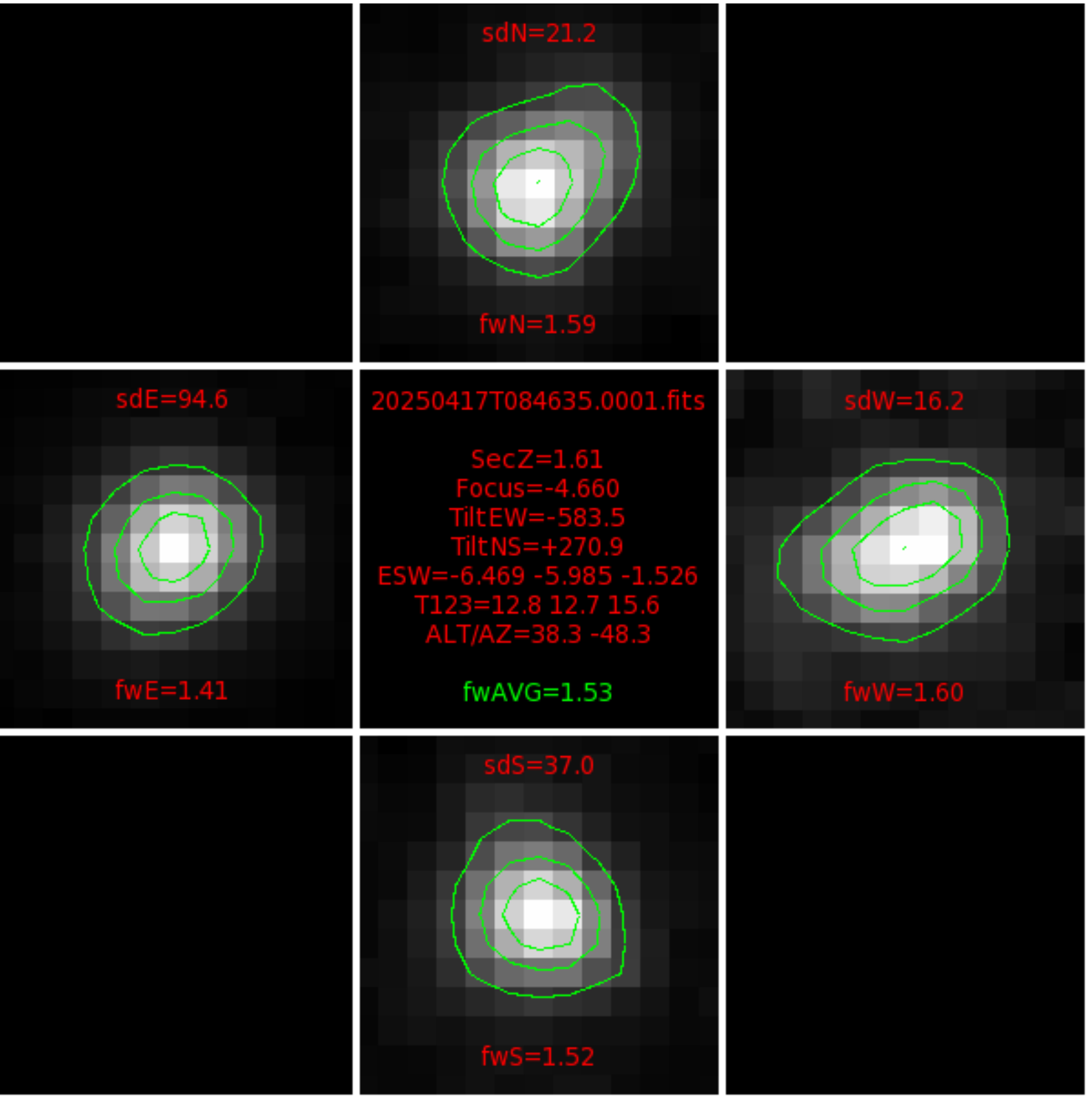
sdN=21.2
fwN=1.59
sdE=94.6
fwE=1.41
20250417T084635.0001.fits
SecZ=1.61
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=12.8 12.7 15.6
ALT/AZ=38.3 -48.3
fwAVG=1.53
sdW=16.2
fwW=1.60
sdS=37.0
fwS=1.52
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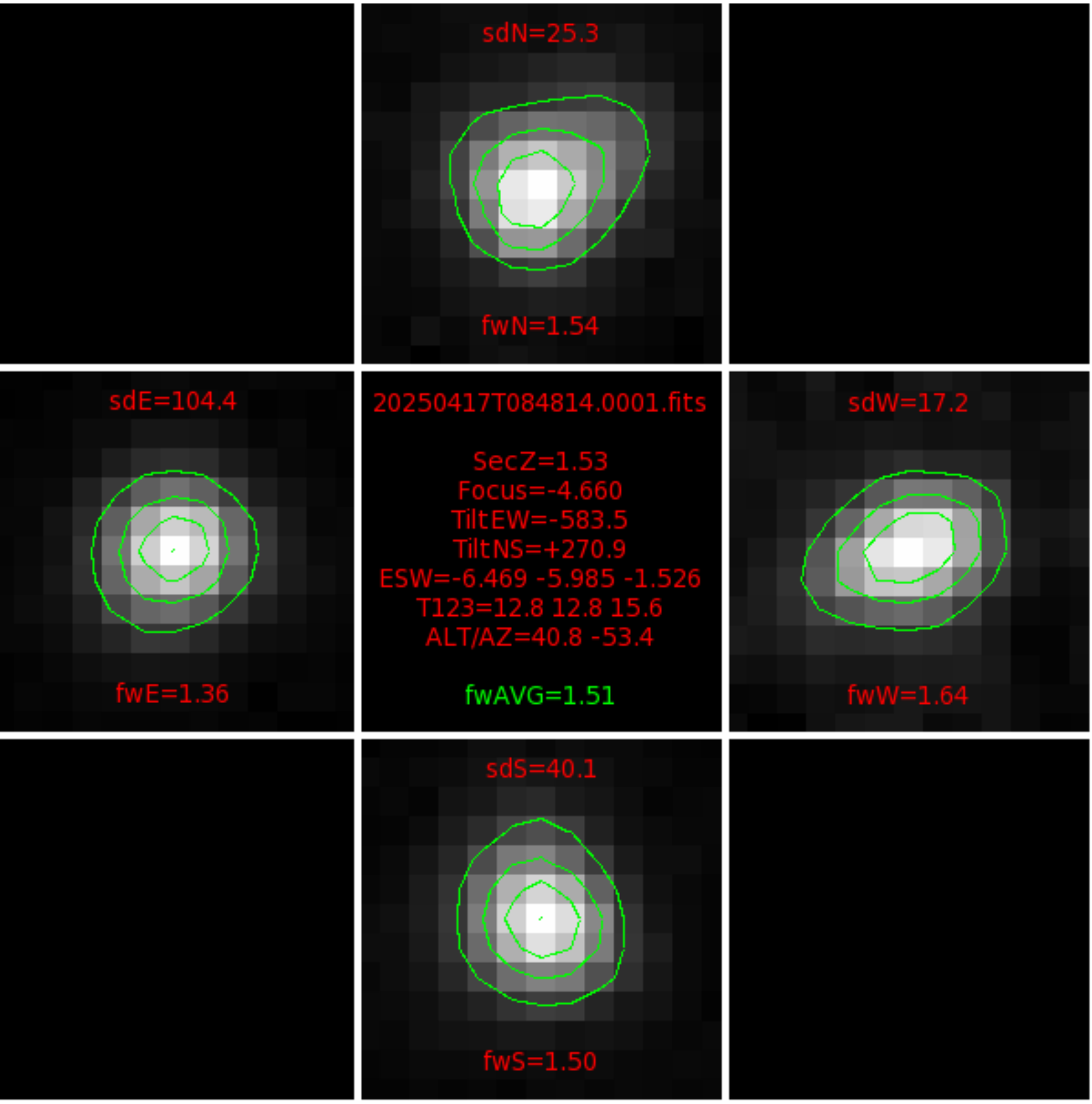
sdN=25.3
fwN=1.54
sdE=104.4
fwE=1.36
20250417T084814.0001.fits
SecZ=1.53
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=12.8 12.8 15.6
ALT/AZ=40.8 -53.4
fwAVG=1.51
sdW=17.2
fwW=1.64
sdS=40.1
fwS=1.50
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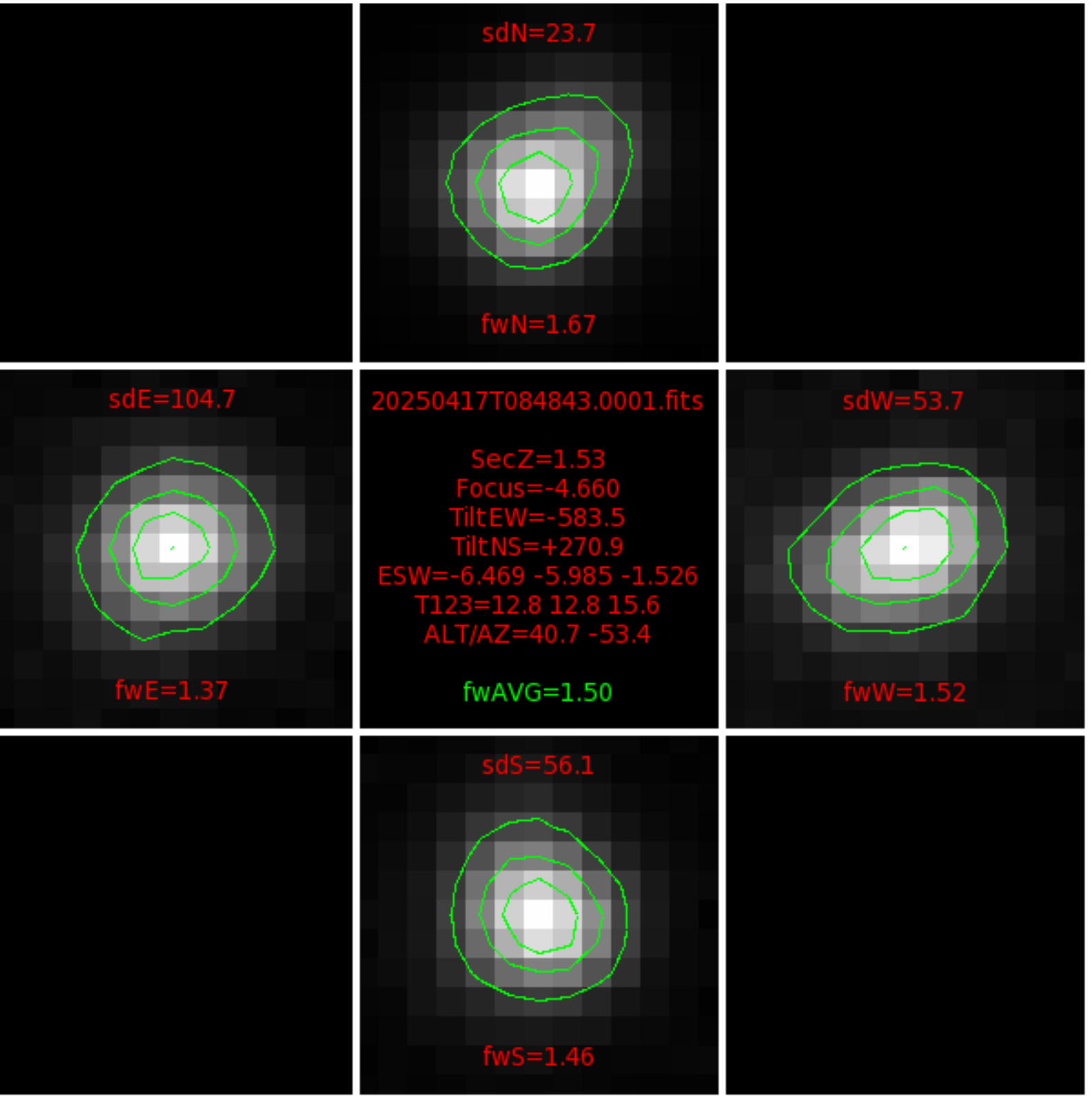
sdN=23.7
fwN=1.67
sdE=104.7
fwE=1.37
20250417T084843.0001.fits
SecZ=1.53
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=12.8 12.8 15.6
ALT/AZ=40.7 -53.4
fwAVG=1.50
sdW=53.7
fwW=1.52
sdS=56.1
fwS=1.46
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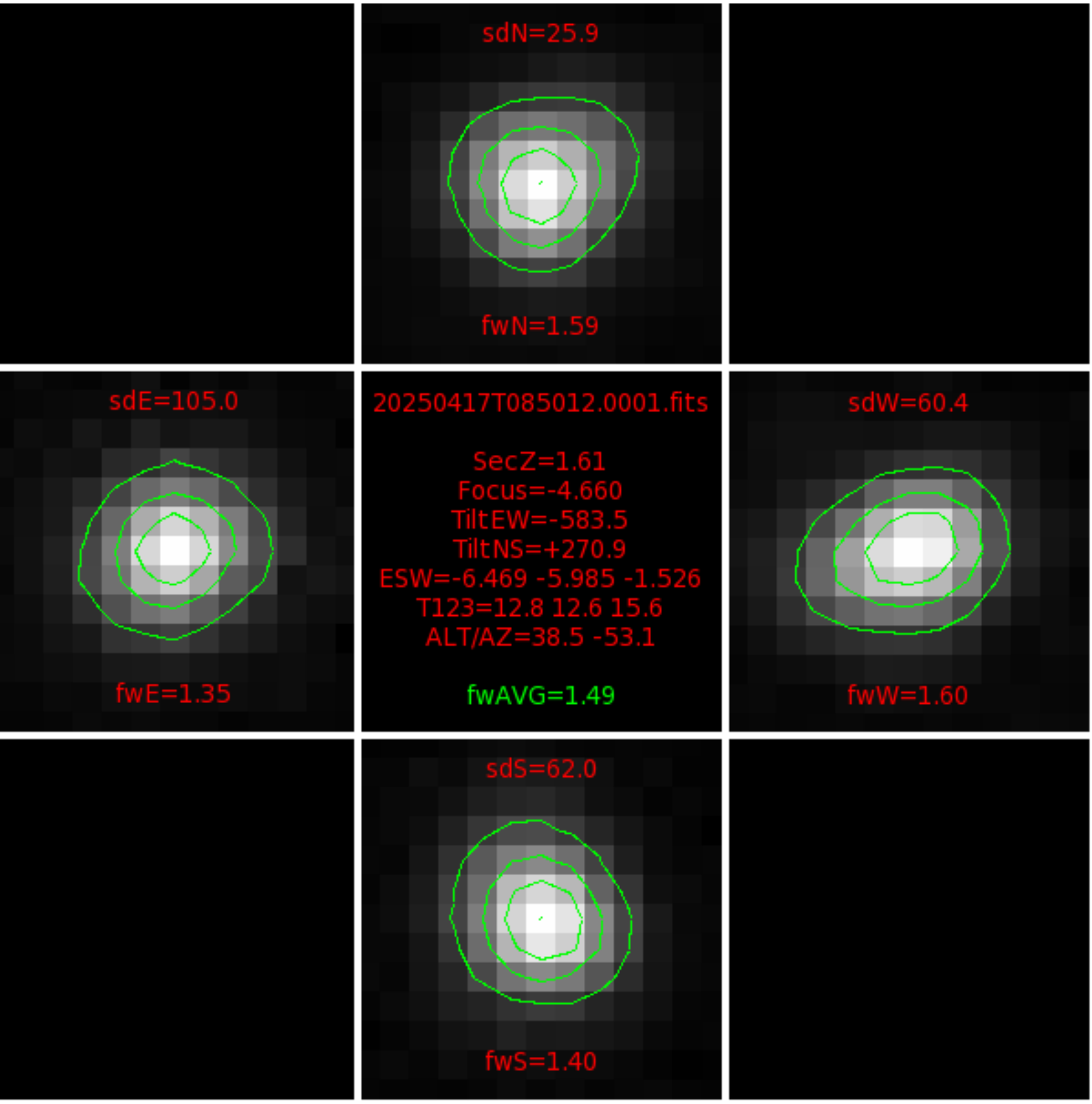
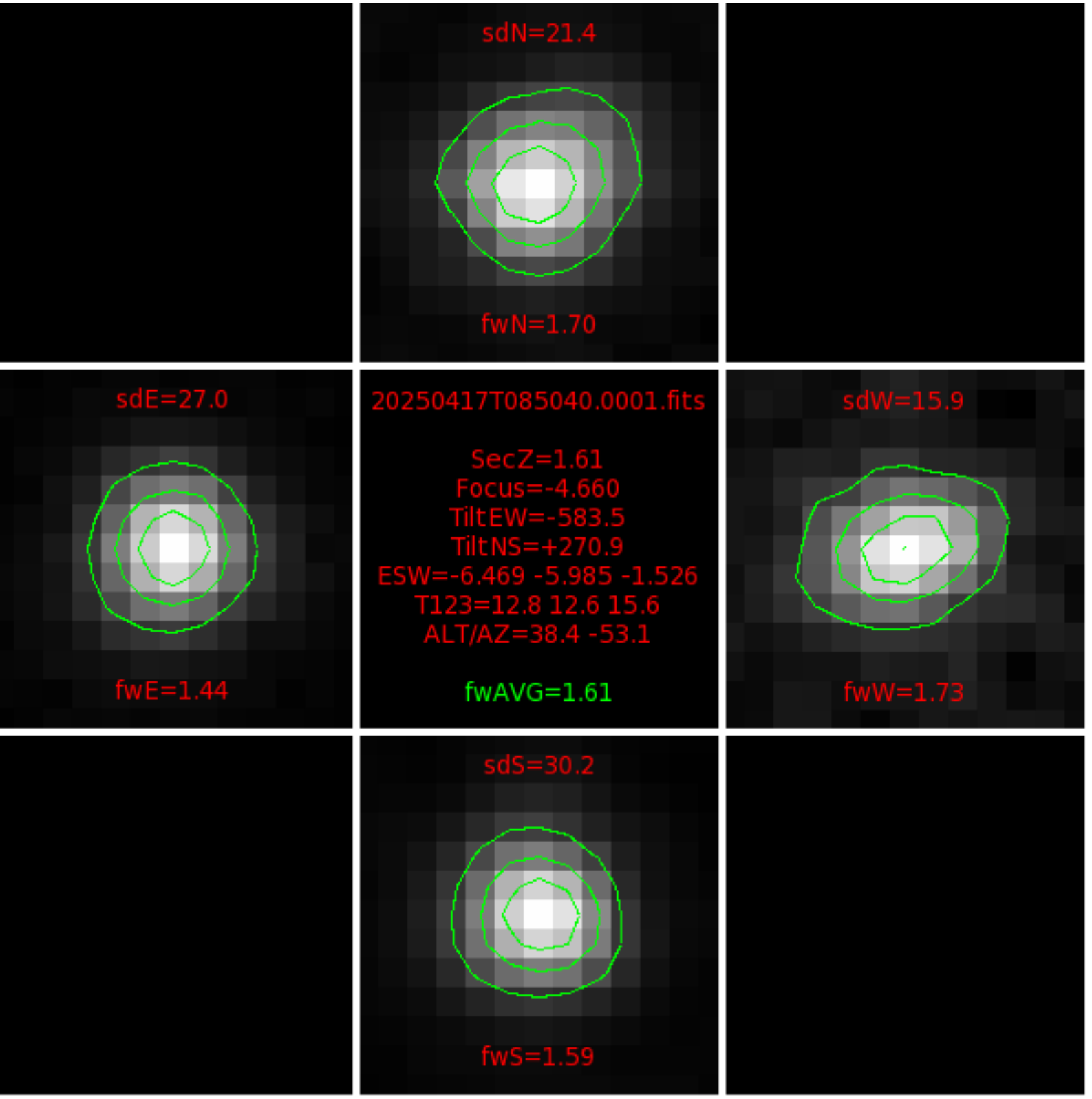
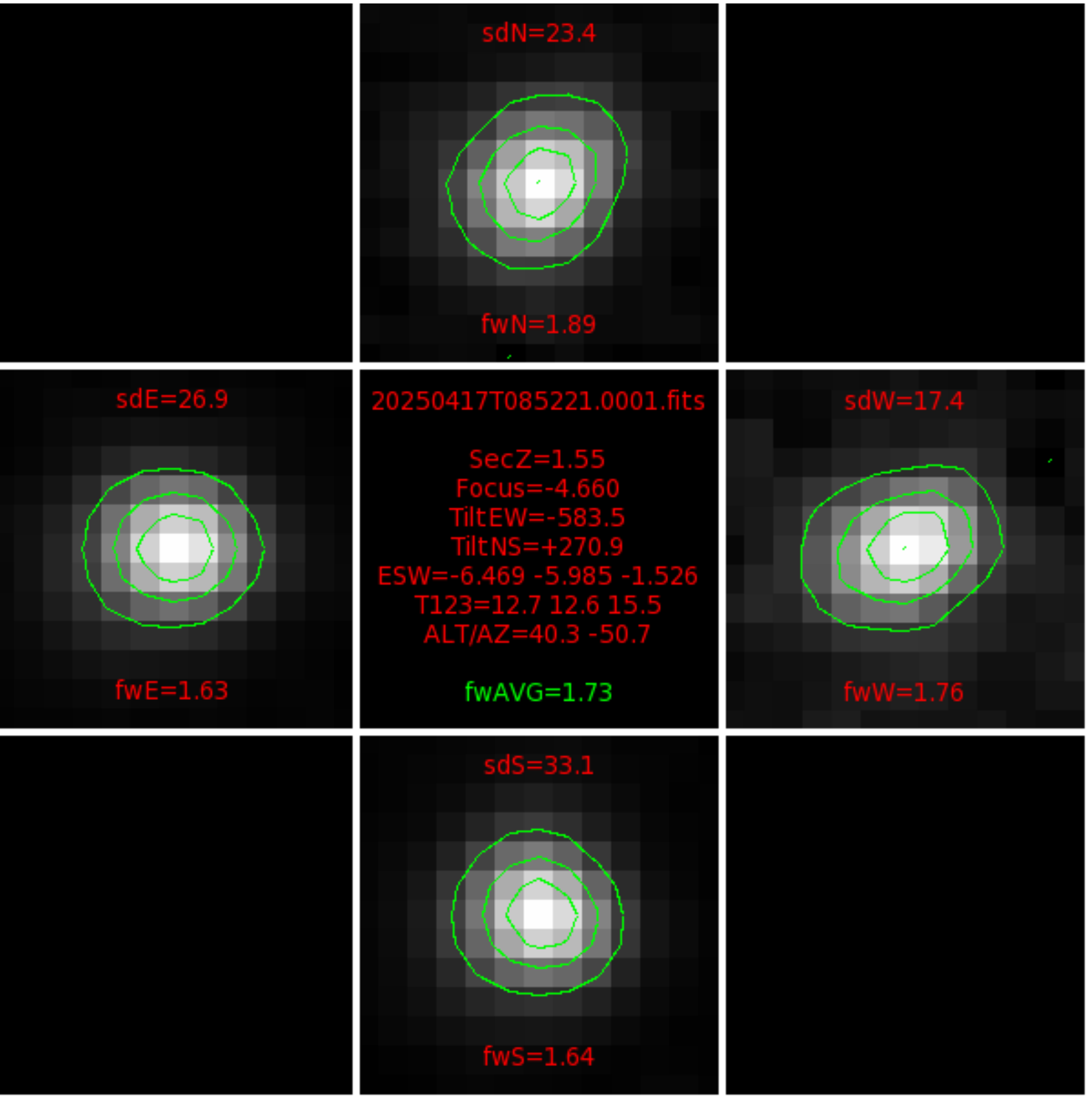

sdN=25.9
fwN=1.59
sdE=105.0
fwE=1.35
20250417T085012.0001.fits
SecZ=1.61
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=12.8 12.6 15.6
ALT/AZ=38.5 -53.1
fwAVG=1.49
sdW=60.4
fwW=1.60
sdS=62.0
fwS=1.40
0 0 0 0 0 0 0 0 0


sdN=21.4
fwN=1.70
sdE=27.0
fwE=1.44
20250417T085040.0001.fits
SecZ=1.61
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=12.8 12.6 15.6
ALT/AZ=38.4 -53.1
fwAVG=1.61
sdW=15.9
fwW=1.73
sdS=30.2
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=23.4
fwN=1.89
sdE=26.9
fwE=1.63
20250417T085221.0001.fits
SecZ=1.55
Focus=-4.660
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.469 -5.985 -1.526
T123=12.7 12.6 15.5
ALT/AZ=40.3 -50.7
fwAVG=1.73
sdW=17.4
fwW=1.76
sdS=33.1
fwS=1.64
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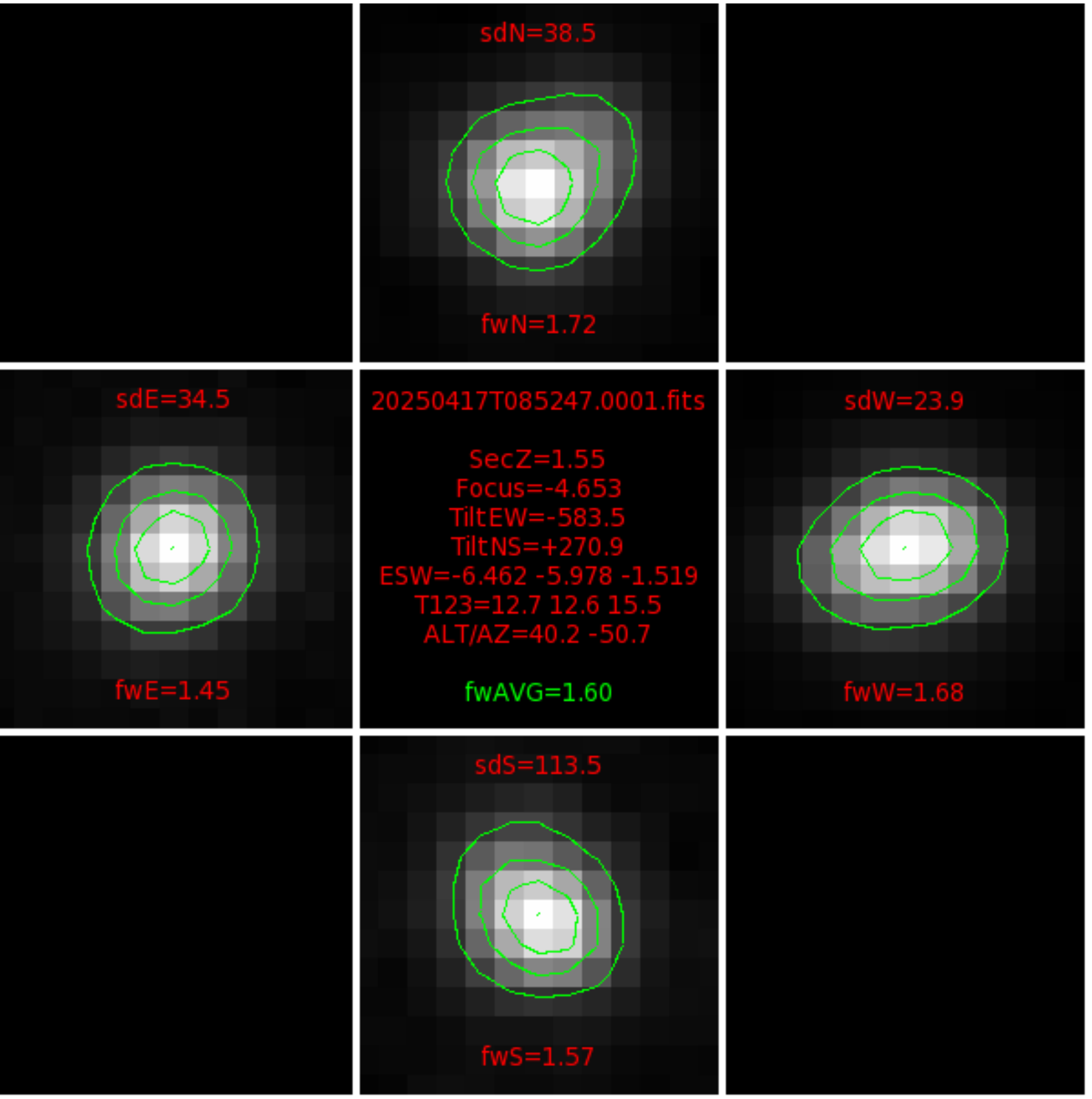
sdN=38.5
fwN=1.72
sdE=34.5
fwE=1.45
20250417T085247.0001.fits
SecZ=1.55
Focus=-4.653
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.462 -5.978 -1.519
T123=12.7 12.6 15.5
ALT/AZ=40.2 -50.7
fwAVG=1.60
sdW=23.9
fwW=1.68
sdS=113.5
fwS=1.57
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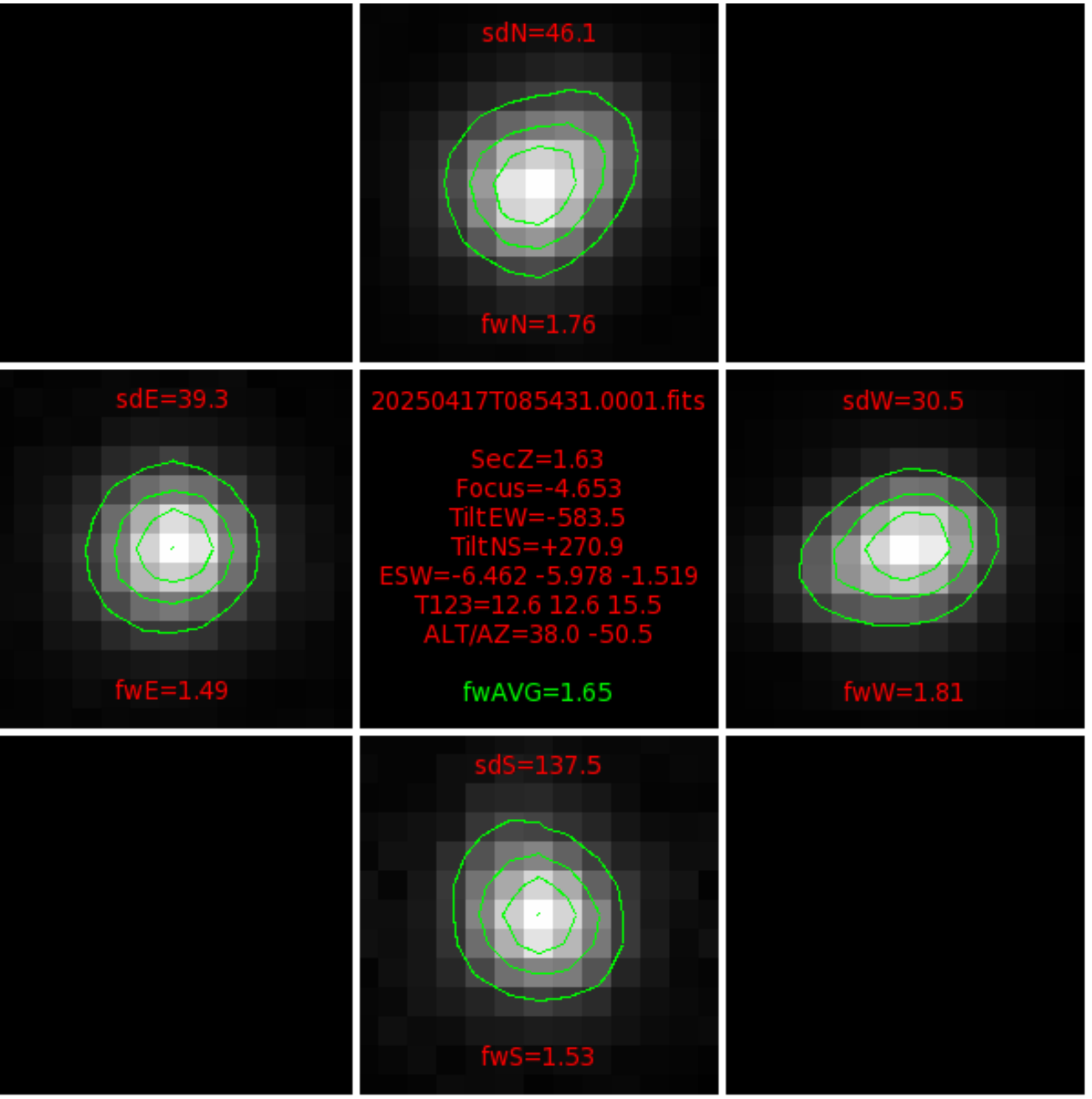
sdN=46.1
fwN=1.76
sdE=39.3
fwE=1.49
20250417T085431.0001.fits
SecZ=1.63
Focus=-4.653
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.462 -5.978 -1.519
T123=12.6 12.6 15.5
ALT/AZ=38.0 -50.5
fwAVG=1.65
sdW=30.5
fwW=1.81
sdS=137.5
fwS=1.53
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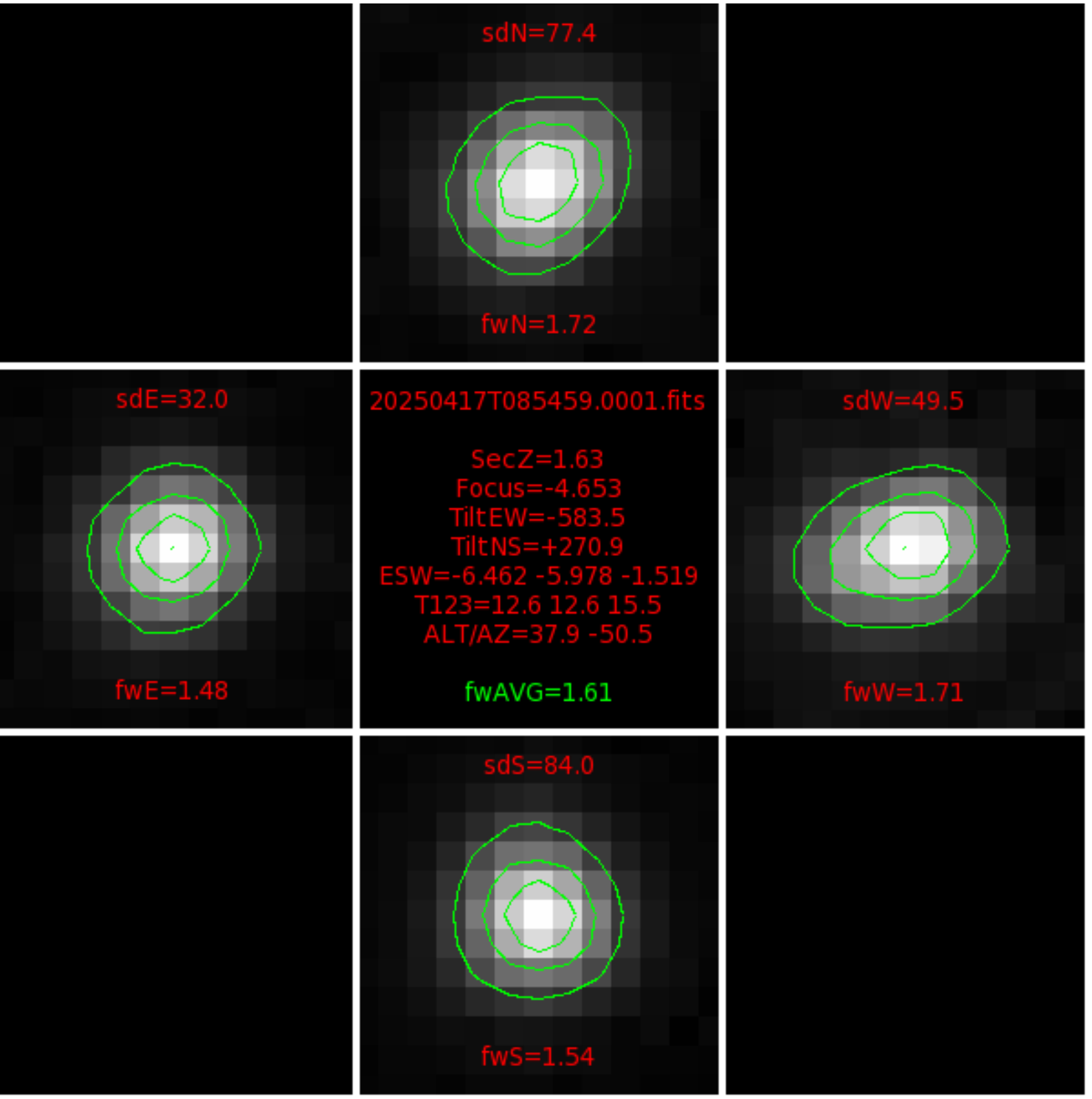
sdN=77.4
fwN=1.72
sdE=32.0
fwE=1.48
20250417T085459.0001.fits
SecZ=1.63
Focus=-4.653
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.462 -5.978 -1.519
T123=12.6 12.6 15.5
ALT/AZ=37.9 -50.5
fwAVG=1.61
sdW=49.5
fwW=1.71
sdS=84.0
fwS=1.54
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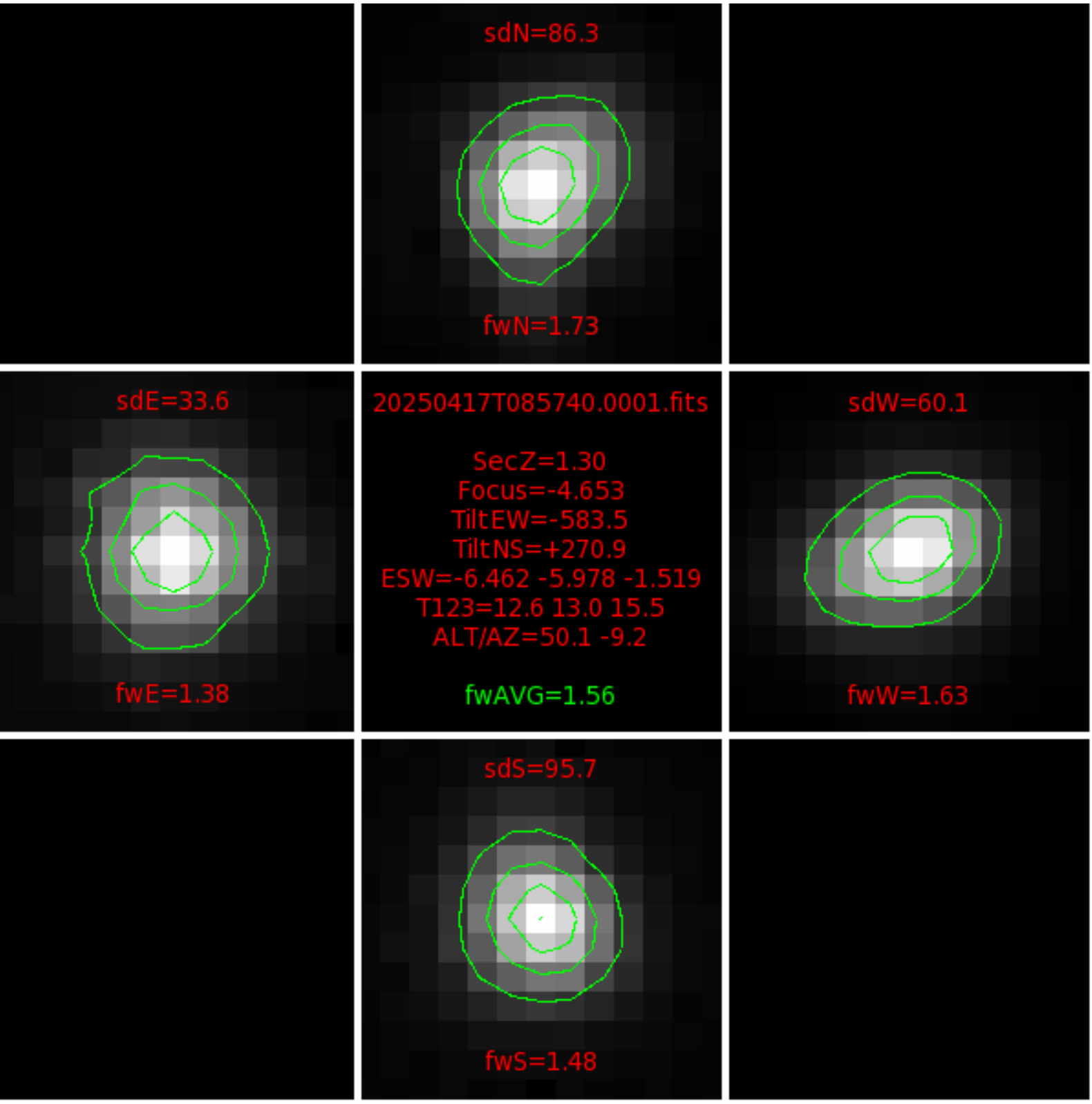
sdN=86.3
fwN=1.73
sdE=33.6
fwE=1.38
20250417T085740.0001.fits
SecZ=1.30
Focus=-4.653
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.462 -5.978 -1.519
T123=12.6 13.0 15.5
ALT/AZ=50.1 -9.2
fwAVG=1.56
sdW=60.1
fwW=1.63
sdS=95.7
fwS=1.48
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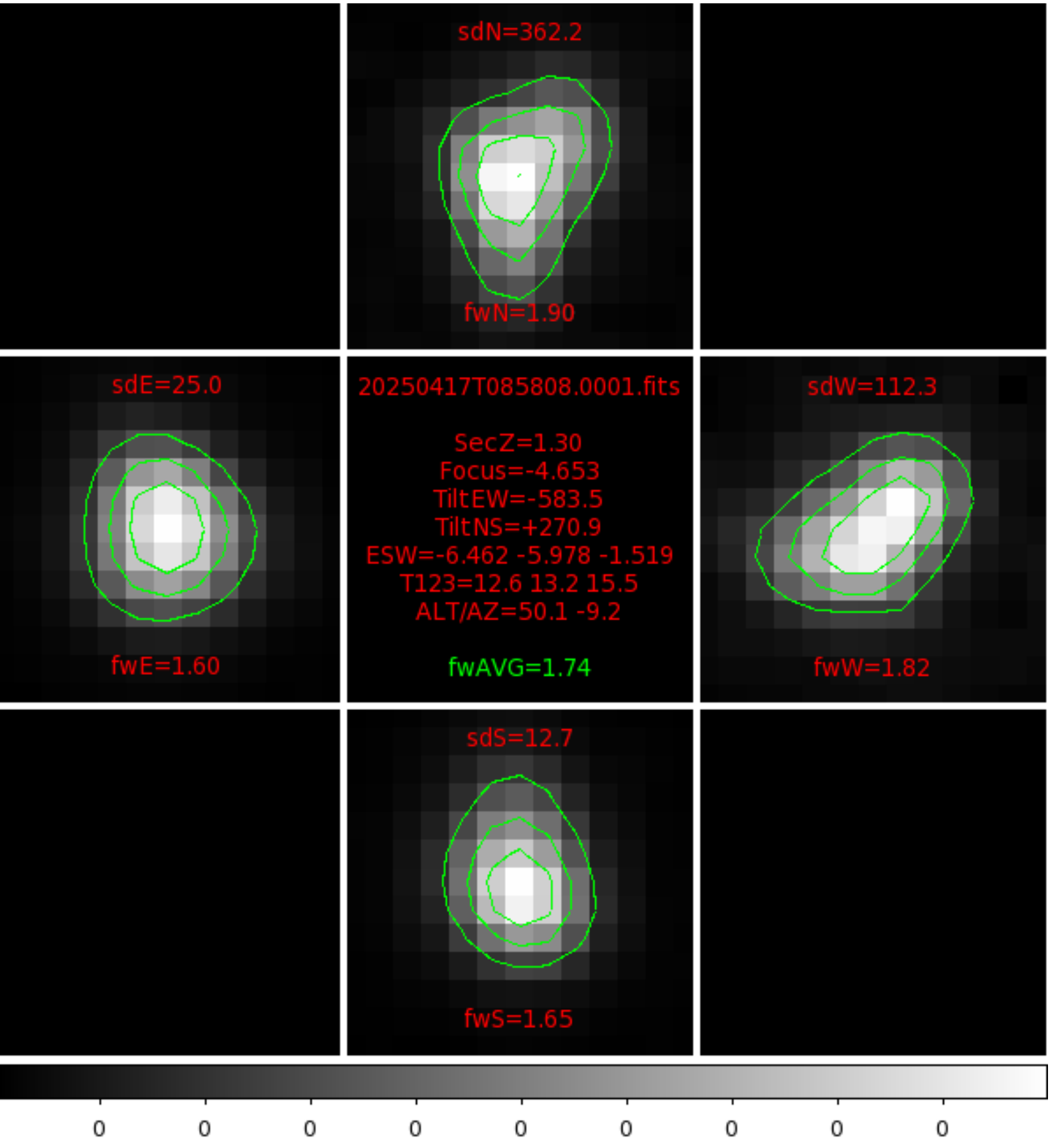
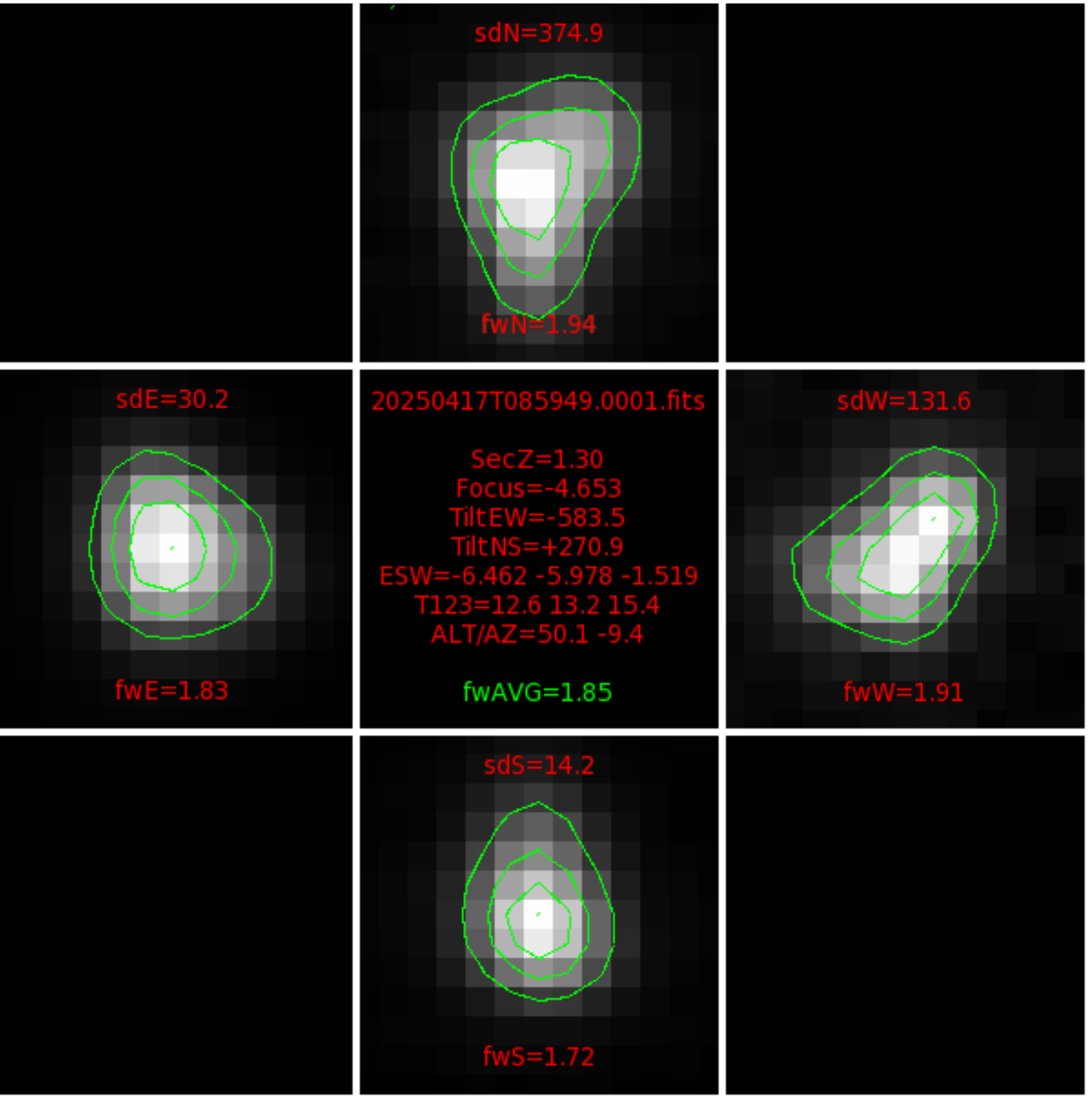

sdN=362.2
fwN=1.90
sdE=25.0
fwE=1.60
20250417T085808.0001.fits
SecZ=1.30
Focus=-4.653
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.462 -5.978 -1.519
T123=12.6 13.2 15.5
ALT/AZ=50.1 -9.2
fwAVG=1.74
sdW=112.3
fwW=1.82
sdS=12.7
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=374.9
fwN=1.94
sdE=30.2
fwE=1.83
20250417T085949.0001.fits
SecZ=1.30
Focus=-4.653
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.462 -5.978 -1.519
T123=12.6 13.2 15.4
ALT/AZ=50.1 -9.4
fwAVG=1.85
sdW=131.6
fwW=1.91
sdS=14.2
fwS=1.72
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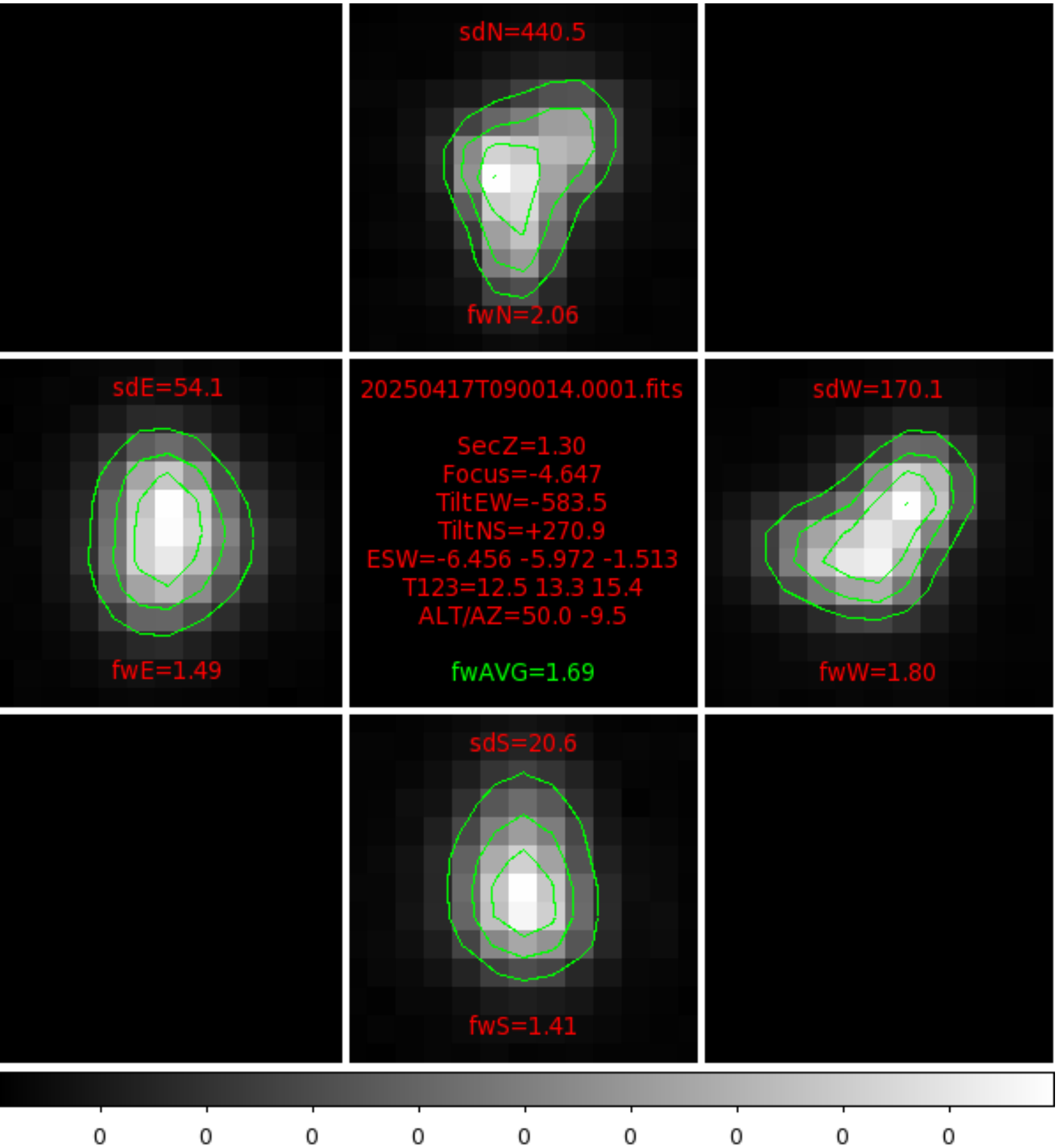
sdN=440.5
fwN=2.06
sdE=54.1
fwE=1.49
20250417T090014.0001.fits
SecZ=1.30
Focus=-4.647
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.456 -5.972 -1.513
T123=12.5 13.3 15.4
ALT/AZ=50.0 -9.5
fwAVG=1.69
sdW=170.1
fwW=1.80
sdS=20.6
fwS=1.41
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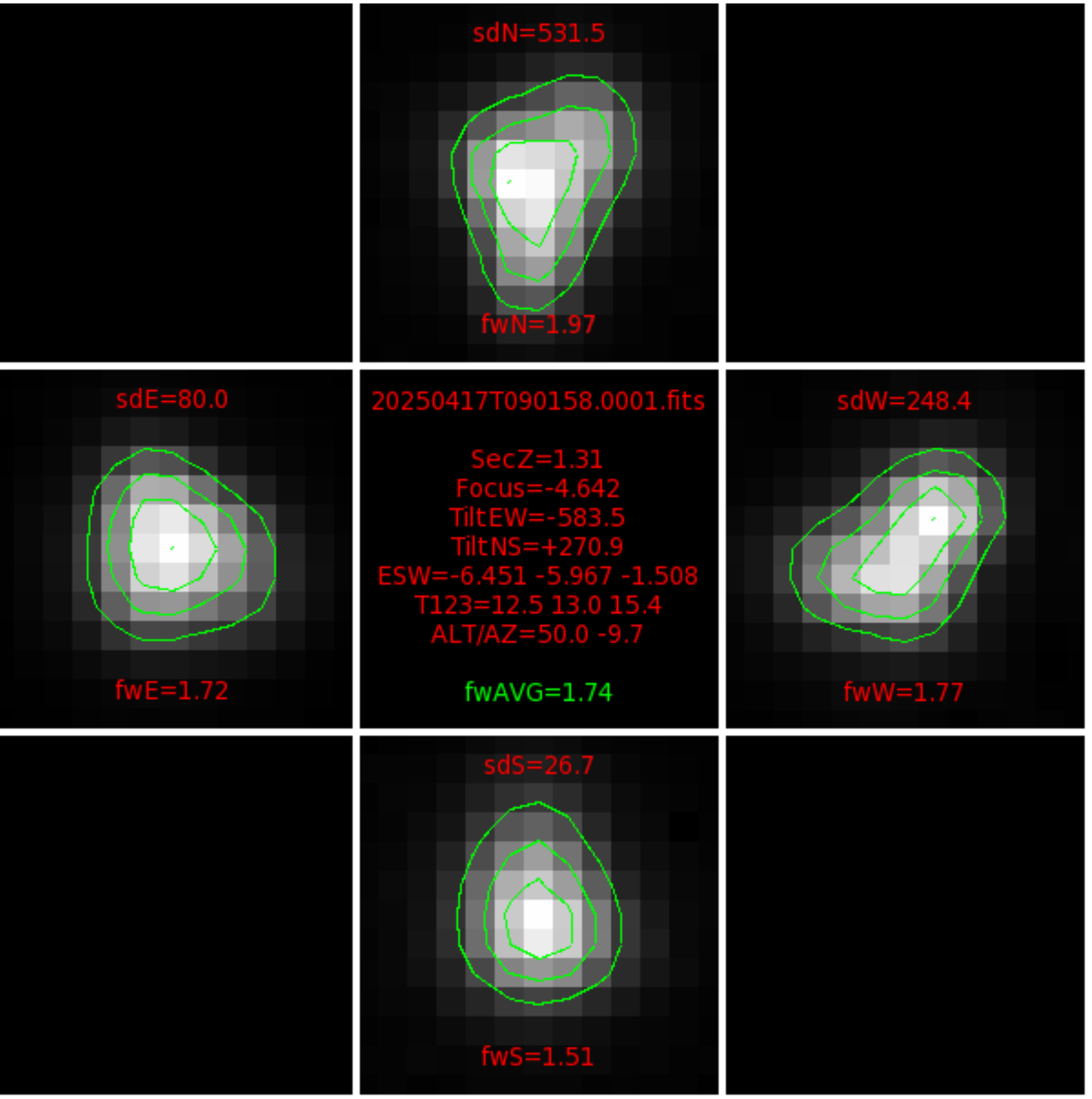
sdN=531.5
fwN=1.97
sdE=80.0
fwE=1.72
20250417T090158.0001.fits
SecZ=1.31
Focus=-4.642
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.451 -5.967 -1.508
T123=12.5 13.0 15.4
ALT/AZ=50.0 -9.7
fwAVG=1.74
sdW=248.4
fwW=1.77
sdS=26.7
fwS=1.51
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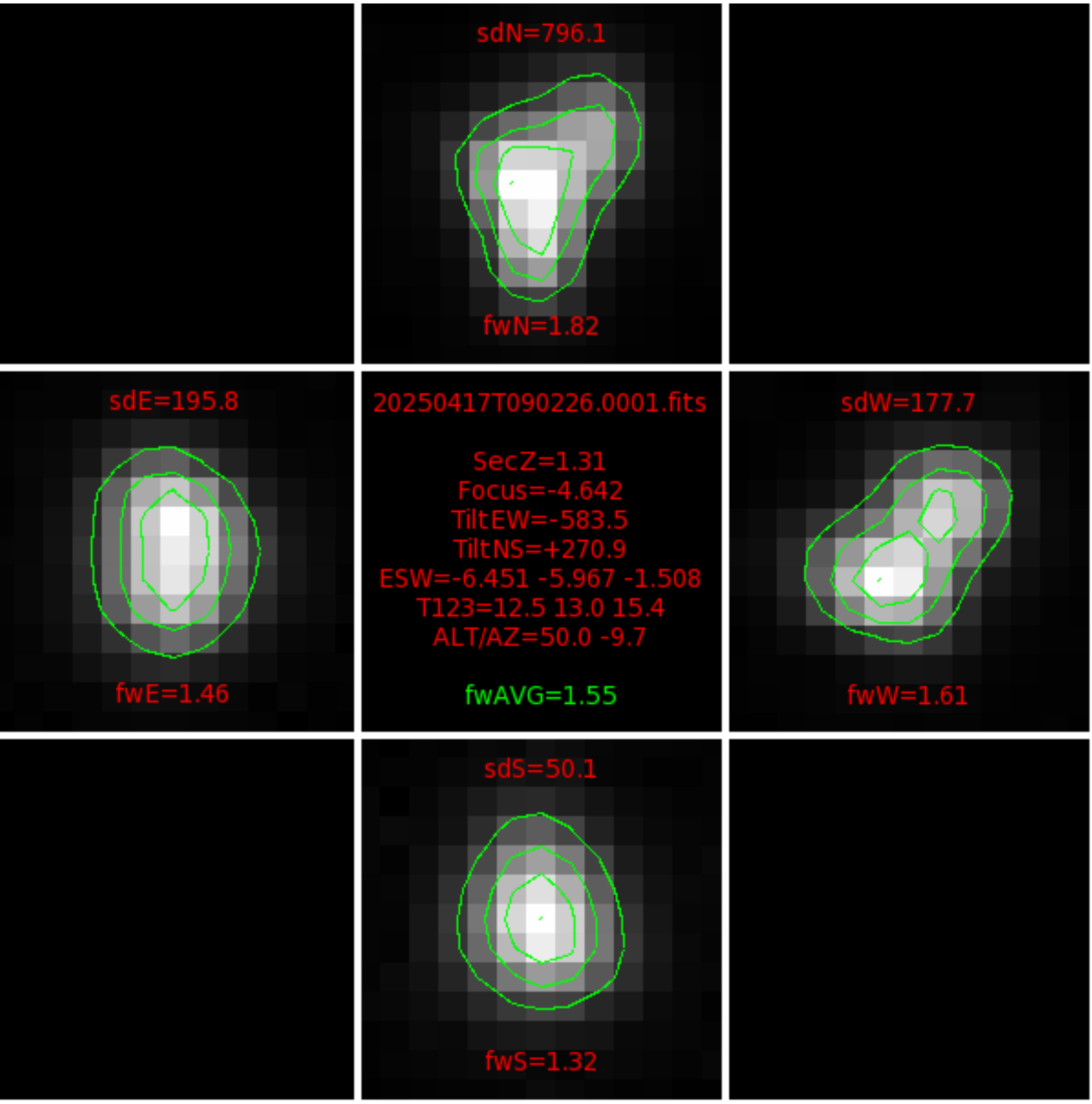
sdN=796.1
fwN=1.82
sdE=195.8
fwE=1.46
20250417T090226.0001.fits
SecZ=1.31
Focus=-4.642
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.451 -5.967 -1.508
T123=12.5 13.0 15.4
ALT/AZ=50.0 -9.7
fwAVG=1.55
sdW=177.7
fwW=1.61
sdS=50.1
fwS=1.32
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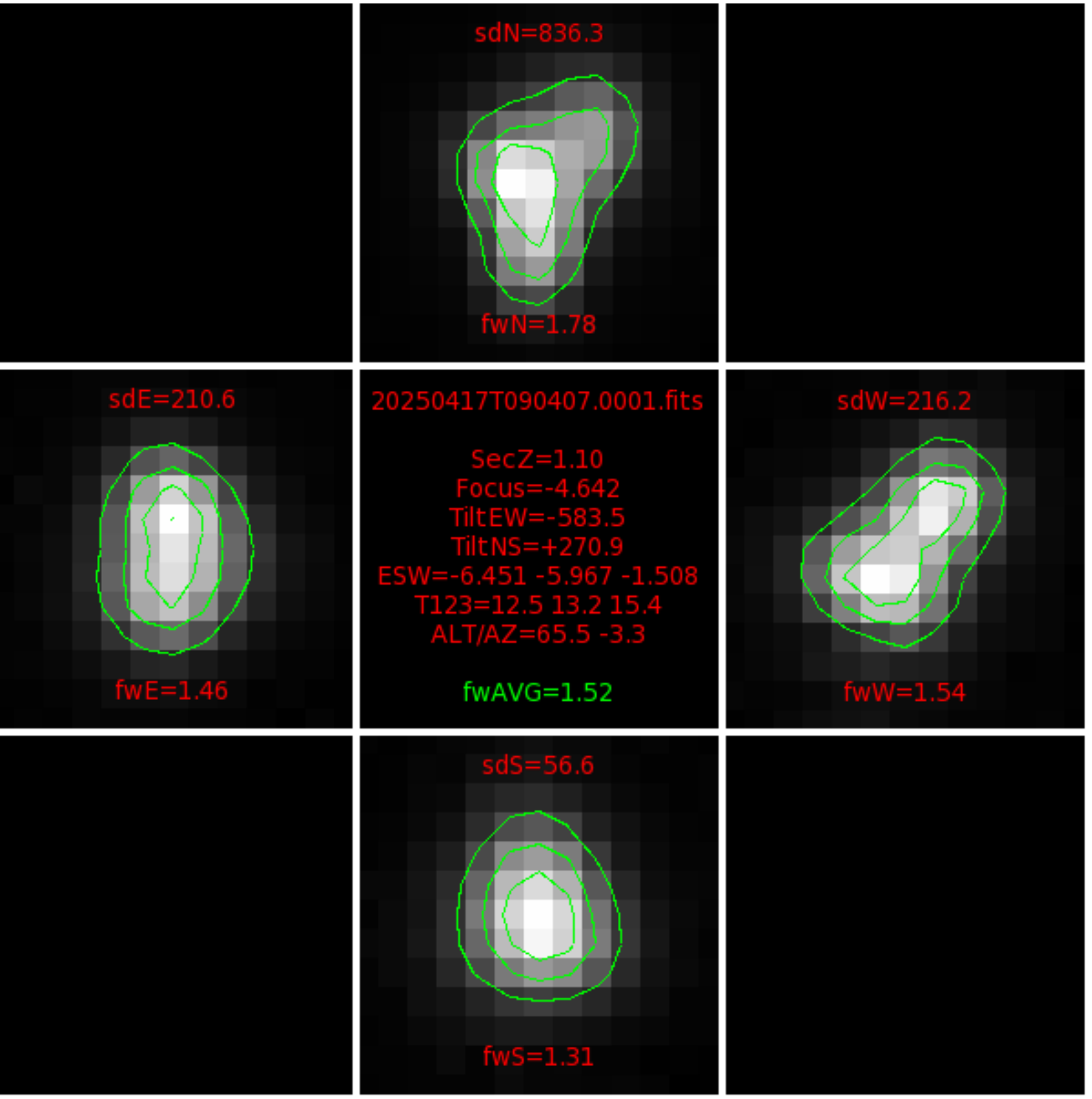
sdN=836.3
fwN=1.78
sdE=210.6
fwE=1.46
20250417T090407.0001.fits
SecZ=1.10
Focus=-4.642
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.451 -5.967 -1.508
T123=12.5 13.2 15.4
ALT/AZ=65.5 -3.3
fwAVG=1.52
sdW=216.2
fwW=1.54
sdS=56.6
fwS=1.31
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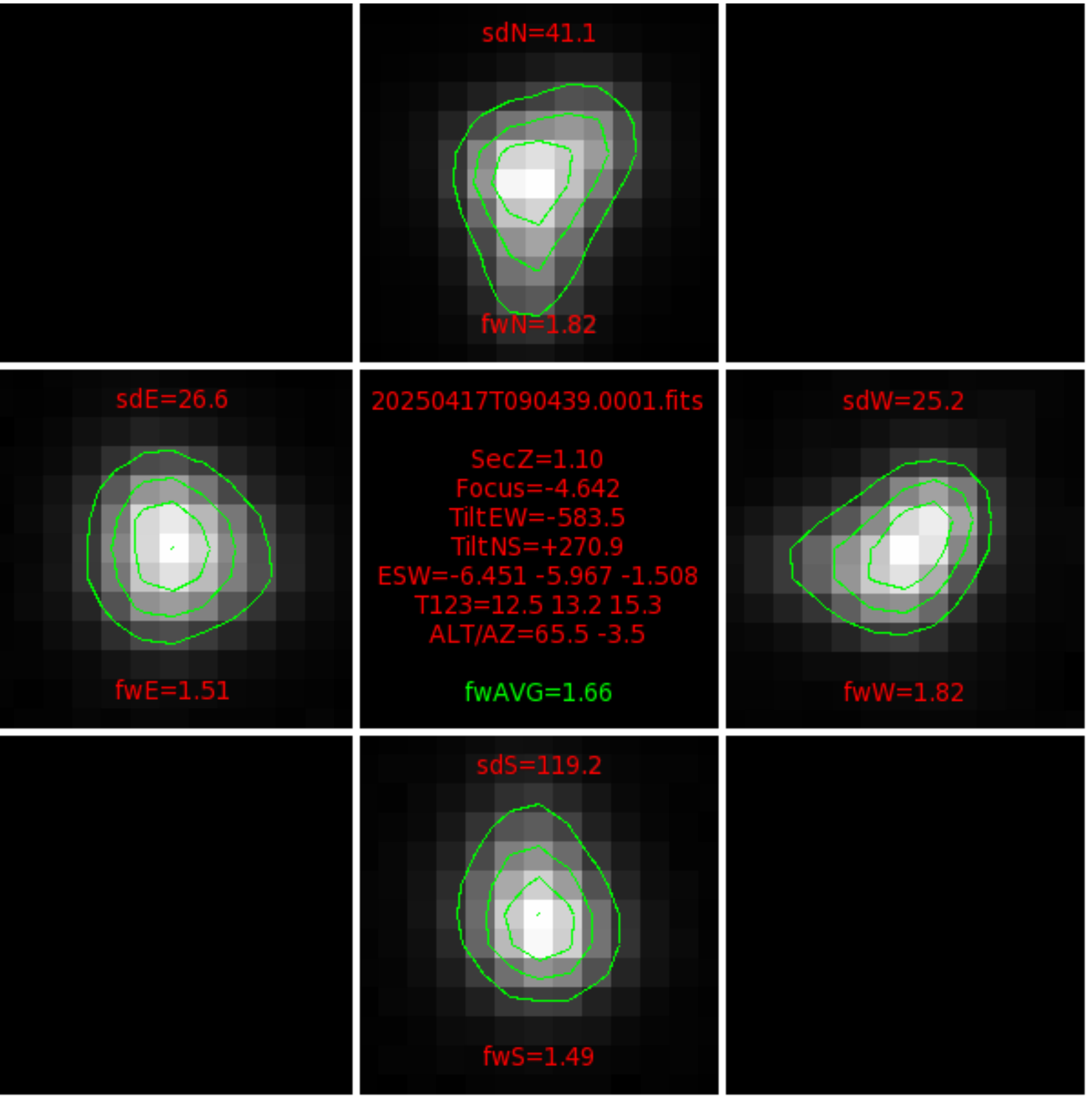
sdN=41.1
fwN=1.82
sdE=26.6
fwE=1.51
20250417T090439.0001.fits
SecZ=1.10
Focus=-4.642
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.451 -5.967 -1.508
T123=12.5 13.2 15.3
ALT/AZ=65.5 -3.5
fwAVG=1.66
sdW=25.2
fwW=1.82
sdS=119.2
fwS=1.49
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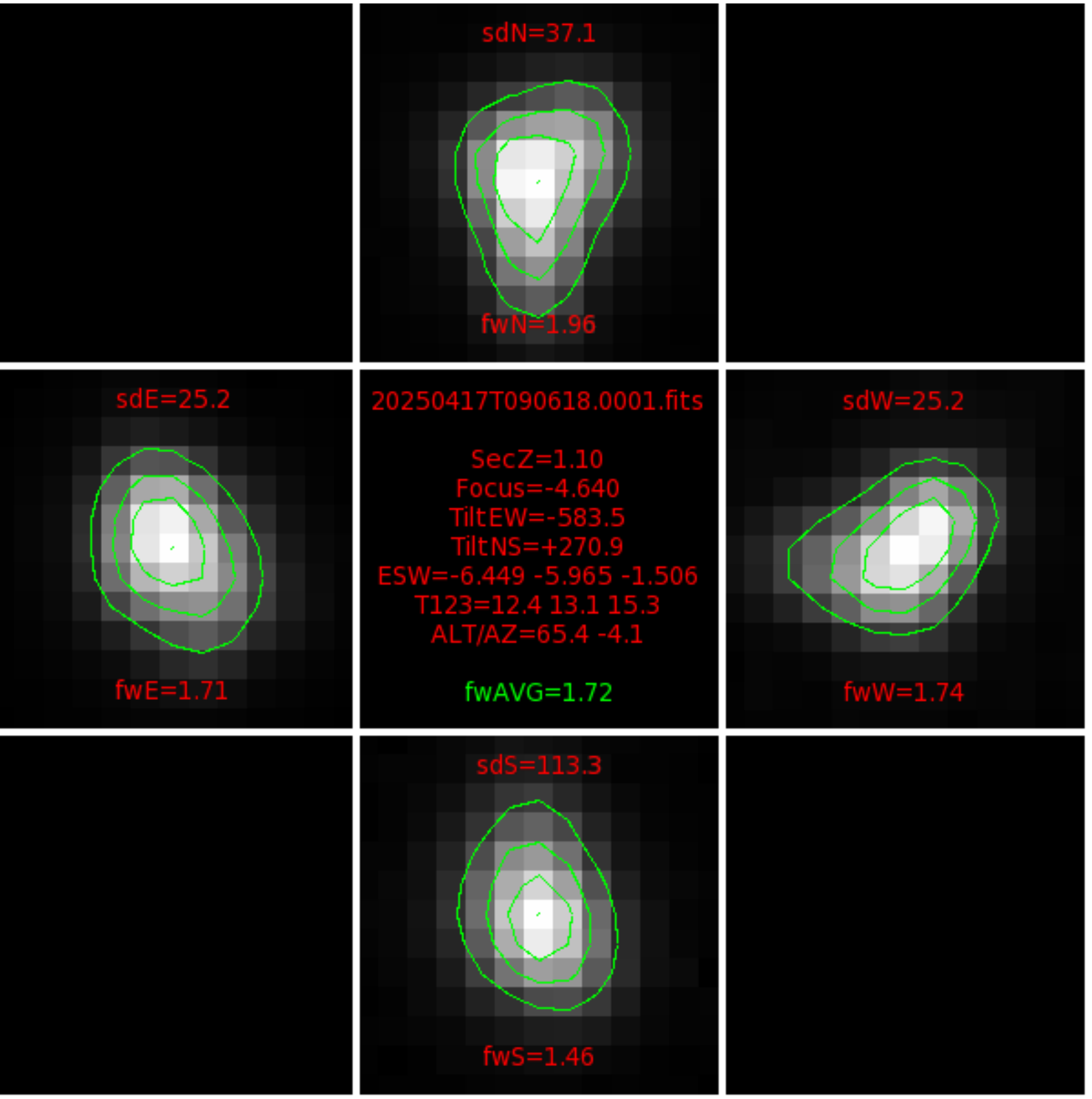
sdN=37.1
fwN=1.96
sdE=25.2
fwE=1.71
20250417T090618.0001.fits
SecZ=1.10
Focus=-4.640
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.449 -5.965 -1.506
T123=12.4 13.1 15.3
ALT/AZ=65.4 -4.1
fwAVG=1.72
sdW=25.2
fwW=1.74
sdS=113.3
fwS=1.46
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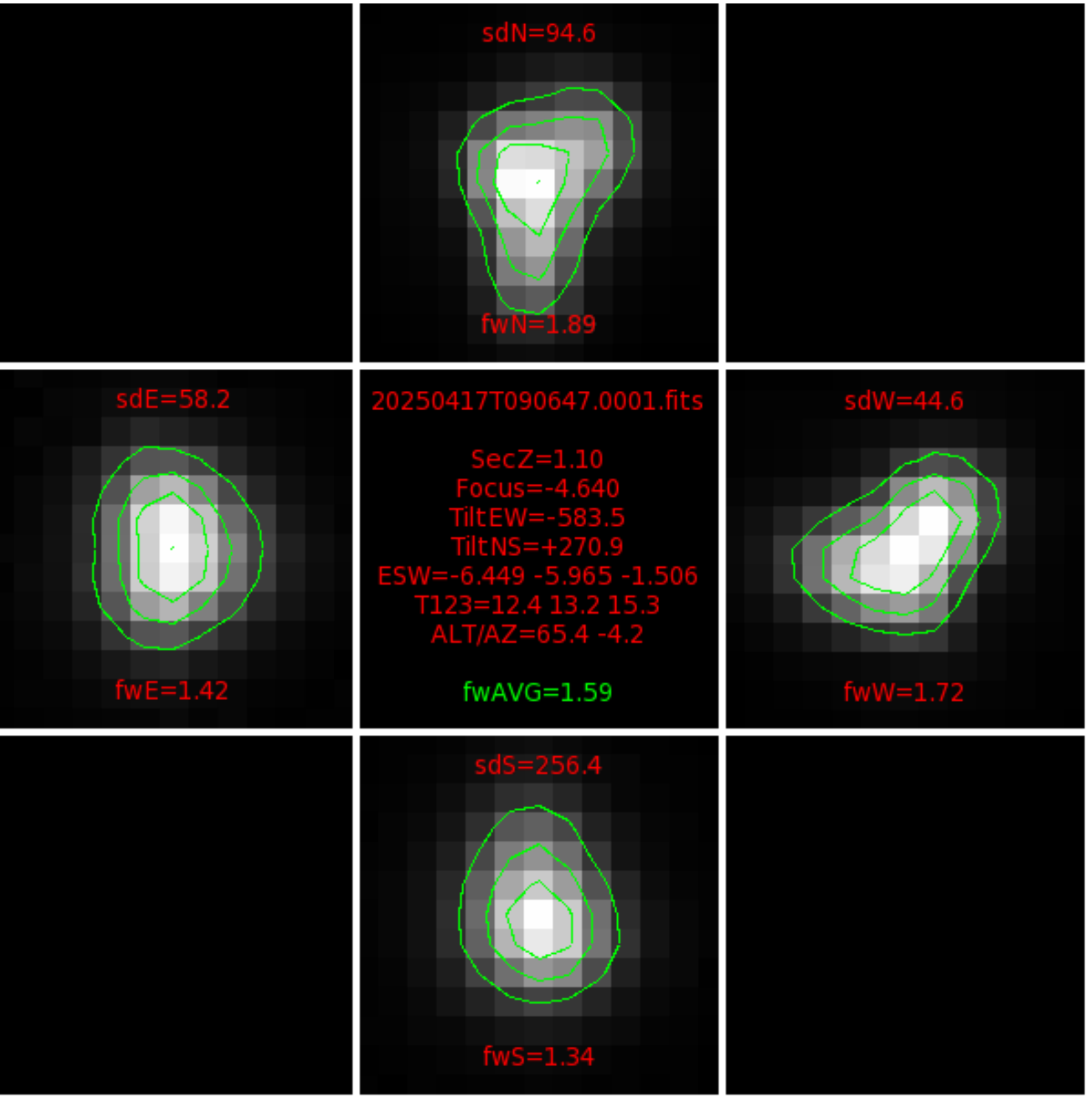
sdN=94.6
fwN=1.89
sdE=58.2
fwE=1.42
20250417T090647.0001.fits
SecZ=1.10
Focus=-4.640
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.449 -5.965 -1.506
T123=12.4 13.2 15.3
ALT/AZ=65.4 -4.2
fwAVG=1.59
sdW=44.6
fwW=1.72
sdS=256.4
fwS=1.34
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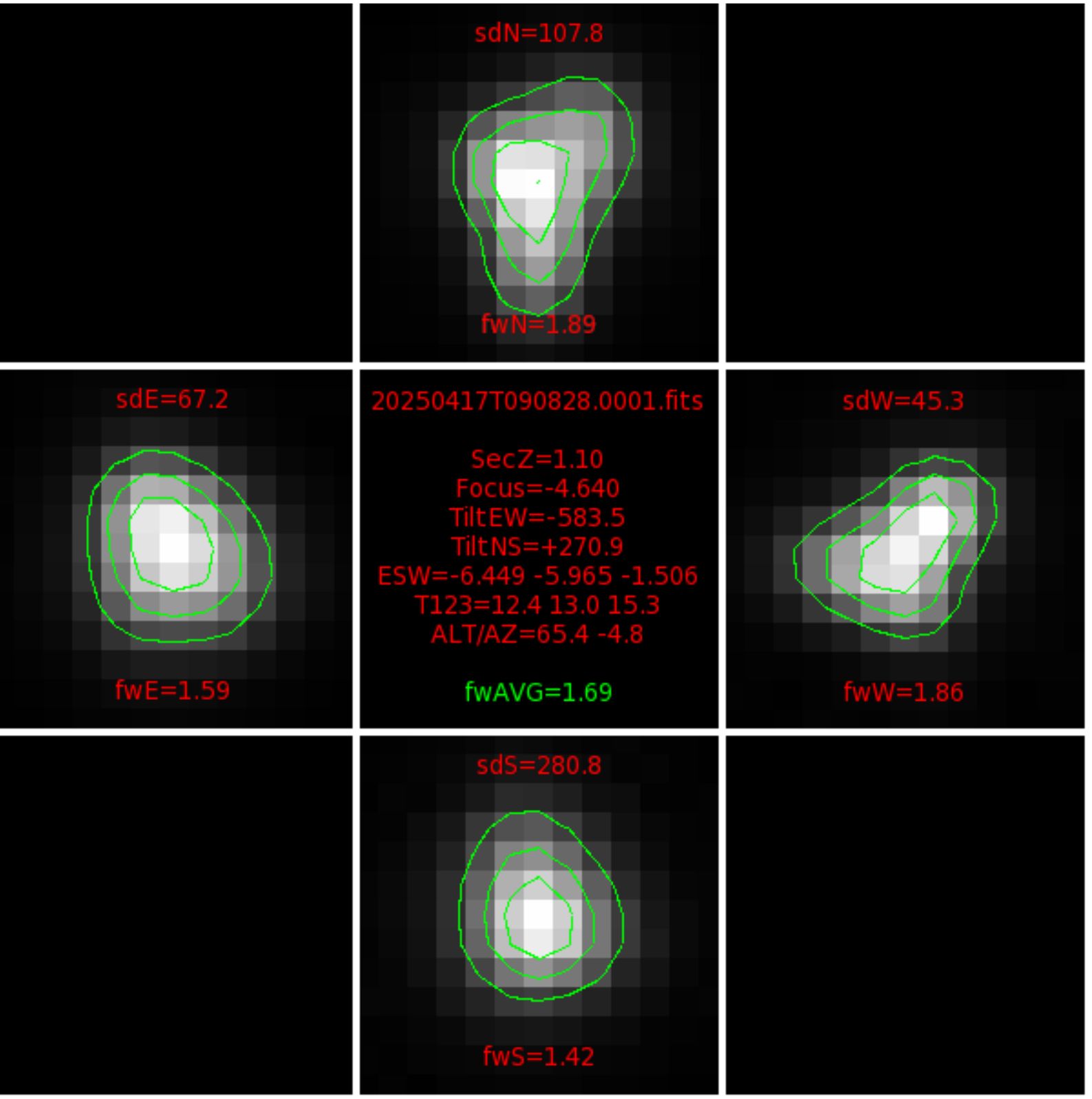
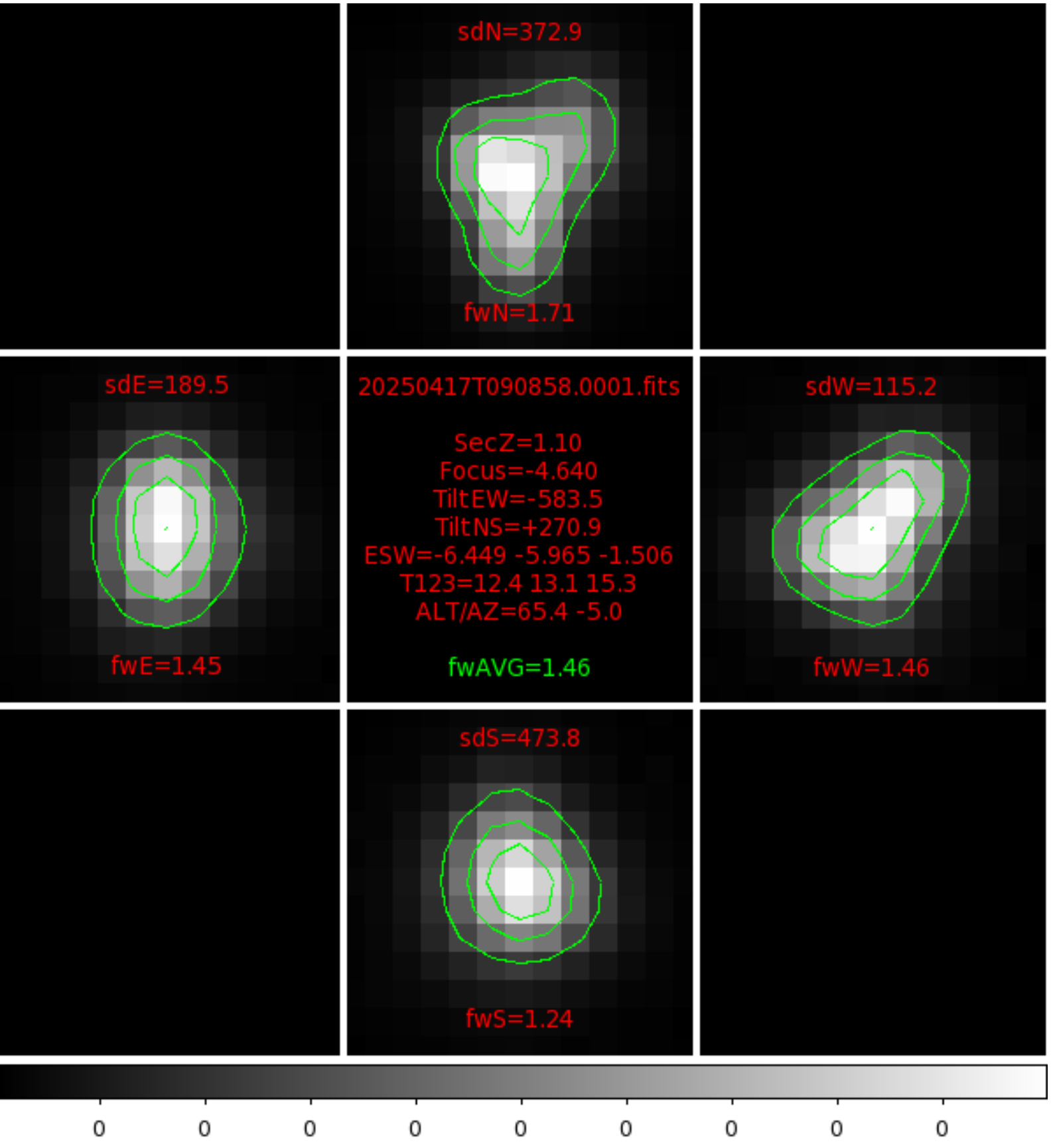
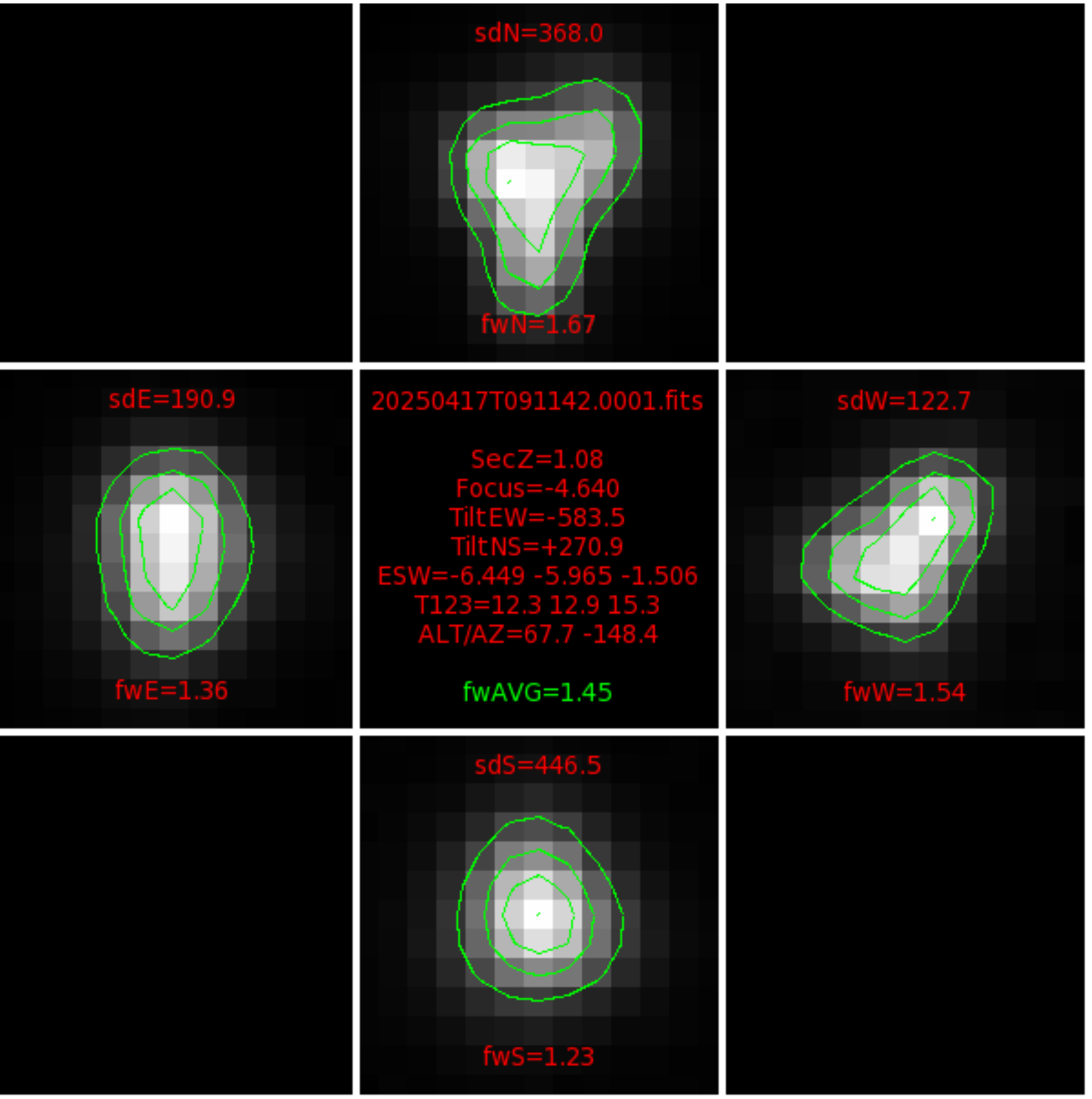

sdN=107.8
fwN=1.89
sdE=67.2
fwE=1.59
20250417T090828.0001.fits
SecZ=1.10
Focus=-4.640
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.449 -5.965 -1.506
T123=12.4 13.0 15.3
ALT/AZ=65.4 -4.8
fwAVG=1.69
sdW=45.3
fwW=1.86
sdS=280.8
fwS=1.42
0 0 0 0 0 0 0 0 0


sdN=372.9
fwN=1.71
sdE=189.5
fwE=1.45
20250417T090858.0001.fits
SecZ=1.10
Focus=-4.640
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.449 -5.965 -1.506
T123=12.4 13.1 15.3
ALT/AZ=65.4 -5.0
fwAVG=1.46
sdW=115.2
fwW=1.46
sdS=473.8
fwS=1.24
0 0 0 0 0 0 0 0 0


sdN=368.0
fwN=1.67
sdE=190.9
fwE=1.36
20250417T091142.0001.fits
SecZ=1.08
Focus=-4.640
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.449 -5.965 -1.506
T123=12.3 12.9 15.3
ALT/AZ=67.7 -148.4
fwAVG=1.45
sdW=122.7
fwW=1.54
sdS=446.5
fwS=1.23
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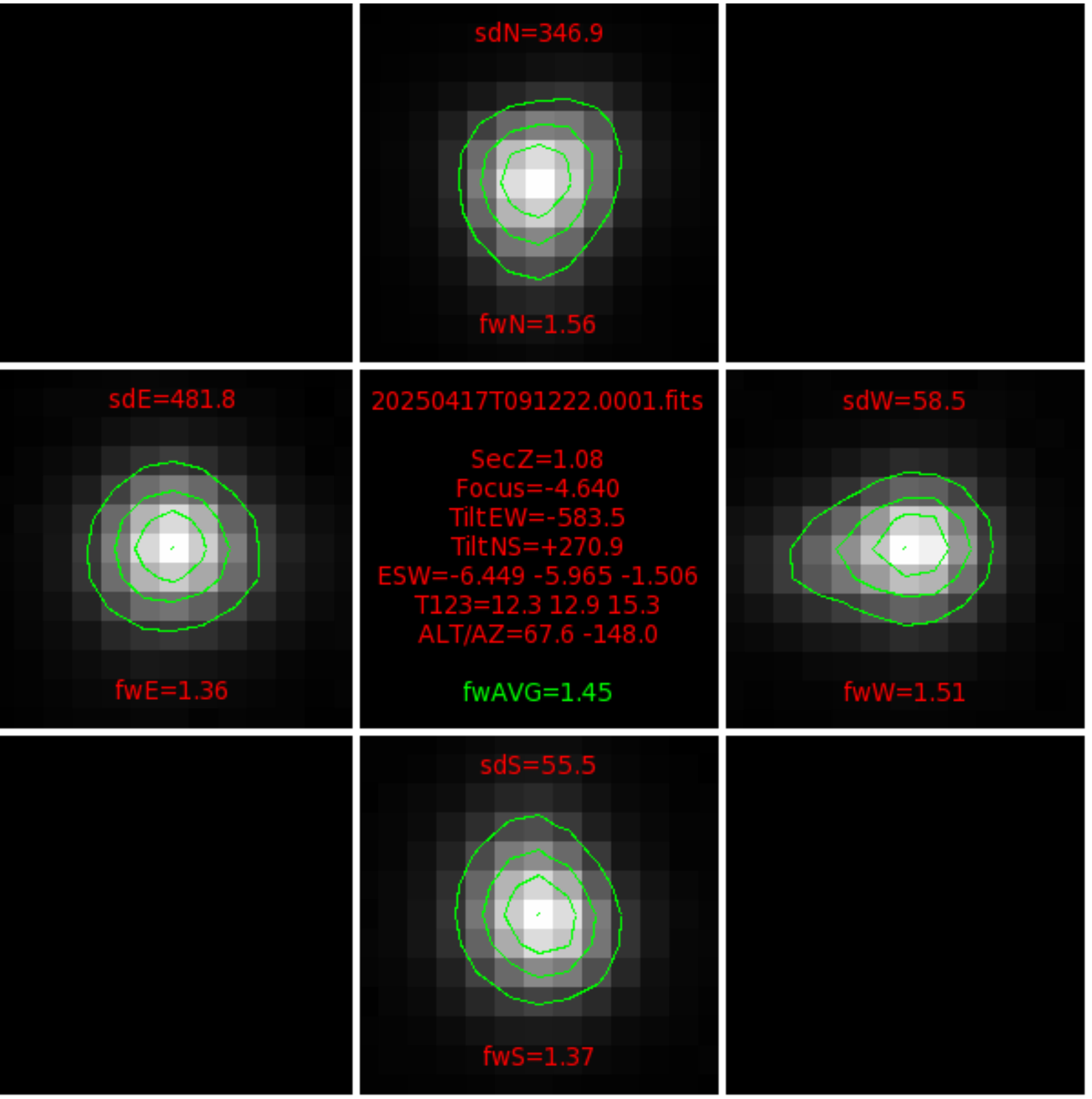
sdN=346.9
fwN=1.56
sdE=481.8
fwE=1.36
20250417T091222.0001.fits
SecZ=1.08
Focus=-4.640
TiltEW=-583.5
TiltNS=+270.9
ESW=-6.449 -5.965 -1.506
T123=12.3 12.9 15.3
ALT/AZ=67.6 -148.0
fwAVG=1.45
sdW=58.5
fwW=1.51
sdS=55.5
fwS=1.37
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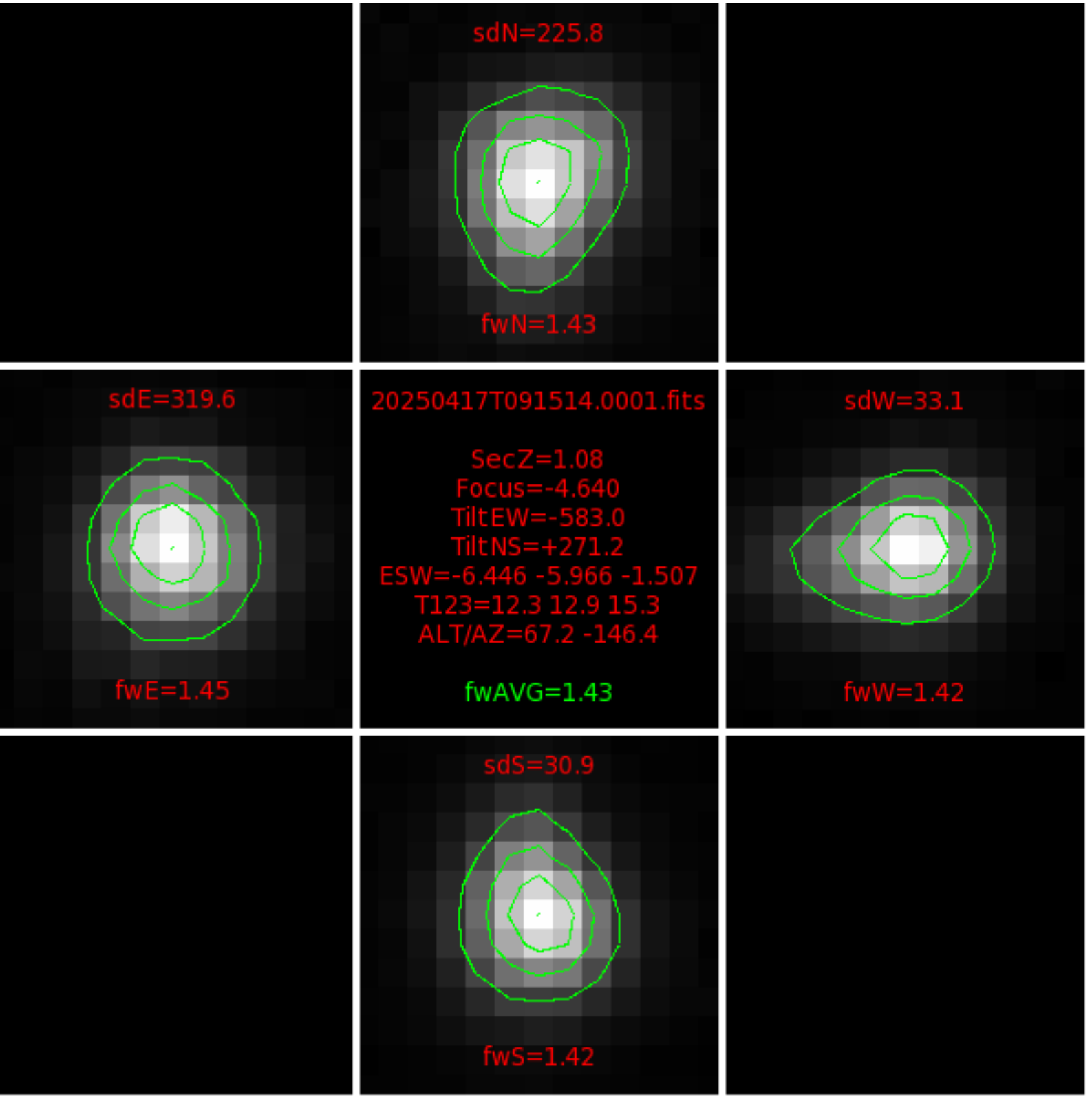
sdN=225.8
fwN=1.43
sdE=319.6
fwE=1.45
20250417T091514.0001.fits
SecZ=1.08
Focus=-4.640
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.446 -5.966 -1.507
T123=12.3 12.9 15.3
ALT/AZ=67.2 -146.4
fwAVG=1.43
sdW=33.1
fwW=1.42
sdS=30.9
fwS=1.42
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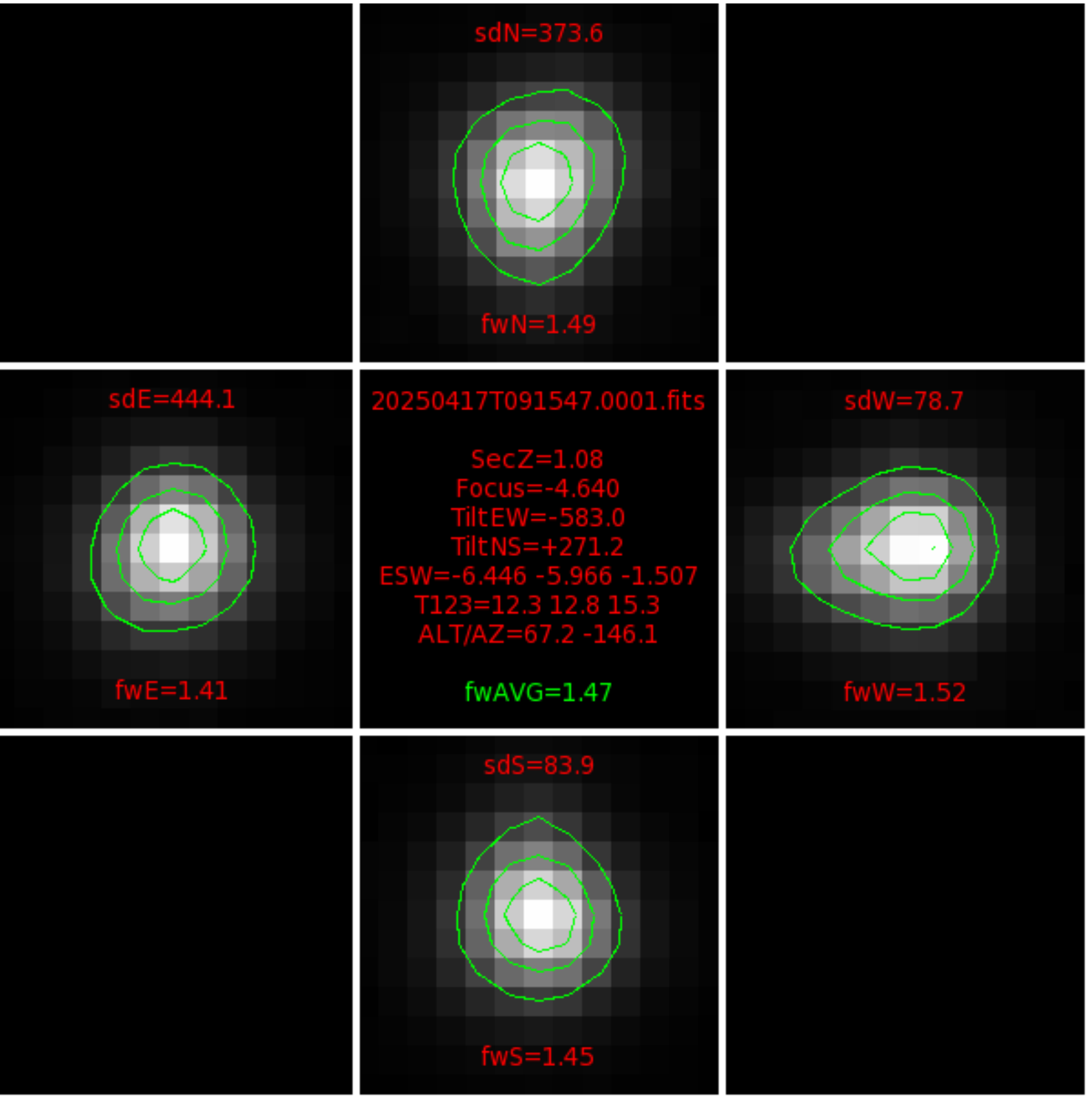
sdN=373.6
fwN=1.49
sdE=444.1
fwE=1.41
20250417T091547.0001.fits
SecZ=1.08
Focus=-4.640
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.446 -5.966 -1.507
T123=12.3 12.8 15.3
ALT/AZ=67.2 -146.1
fwAVG=1.47
sdW=78.7
fwW=1.52
sdS=83.9
fwS=1.45
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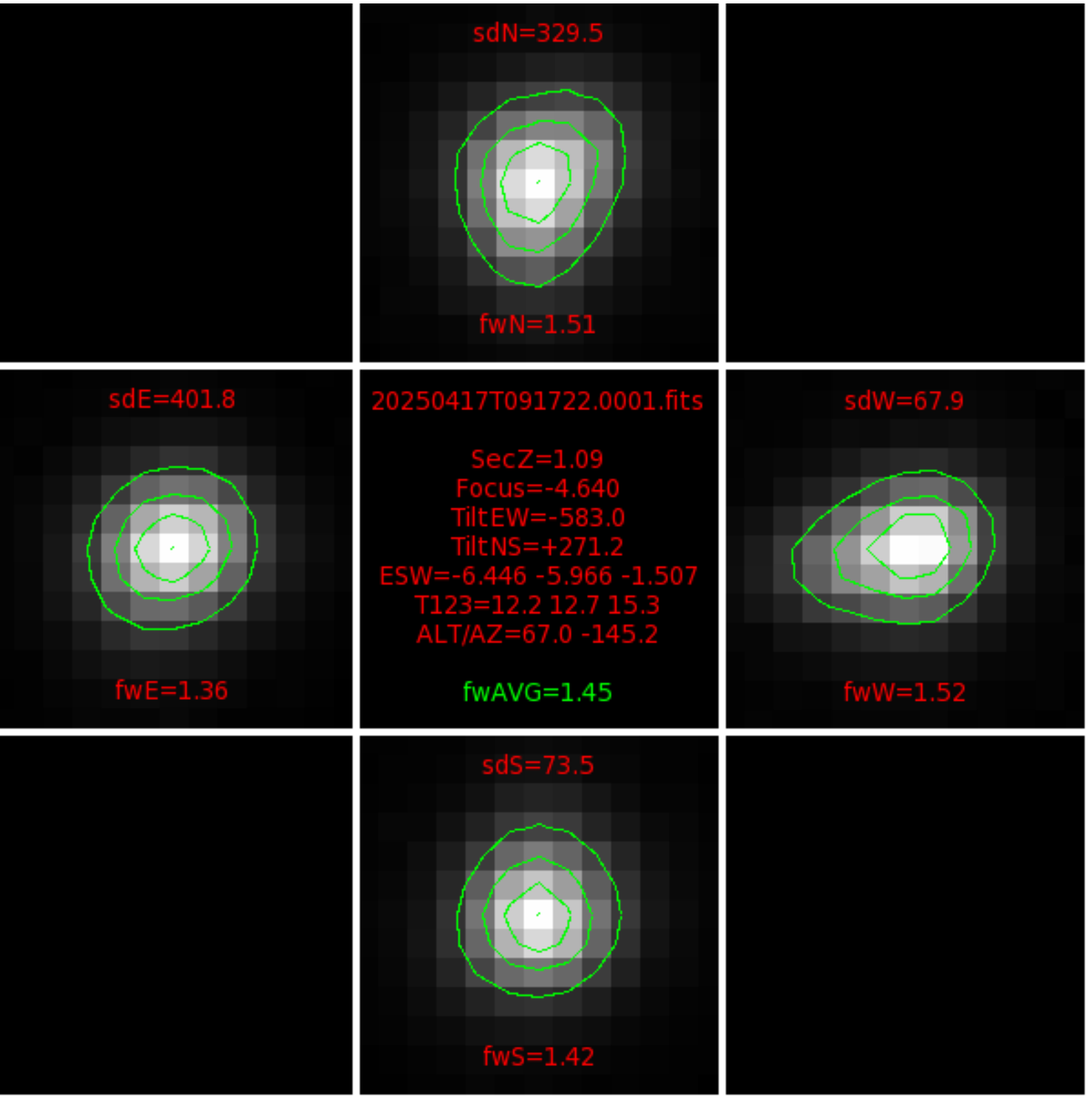
sdN=329.5
fwN=1.51
sdE=401.8
fwE=1.36
20250417T091722.0001.fits
SecZ=1.09
Focus=-4.640
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.446 -5.966 -1.507
T123=12.2 12.7 15.3
ALT/AZ=67.0 -145.2
fwAVG=1.45
sdW=67.9
fwW=1.52
sdS=73.5
fwS=1.42
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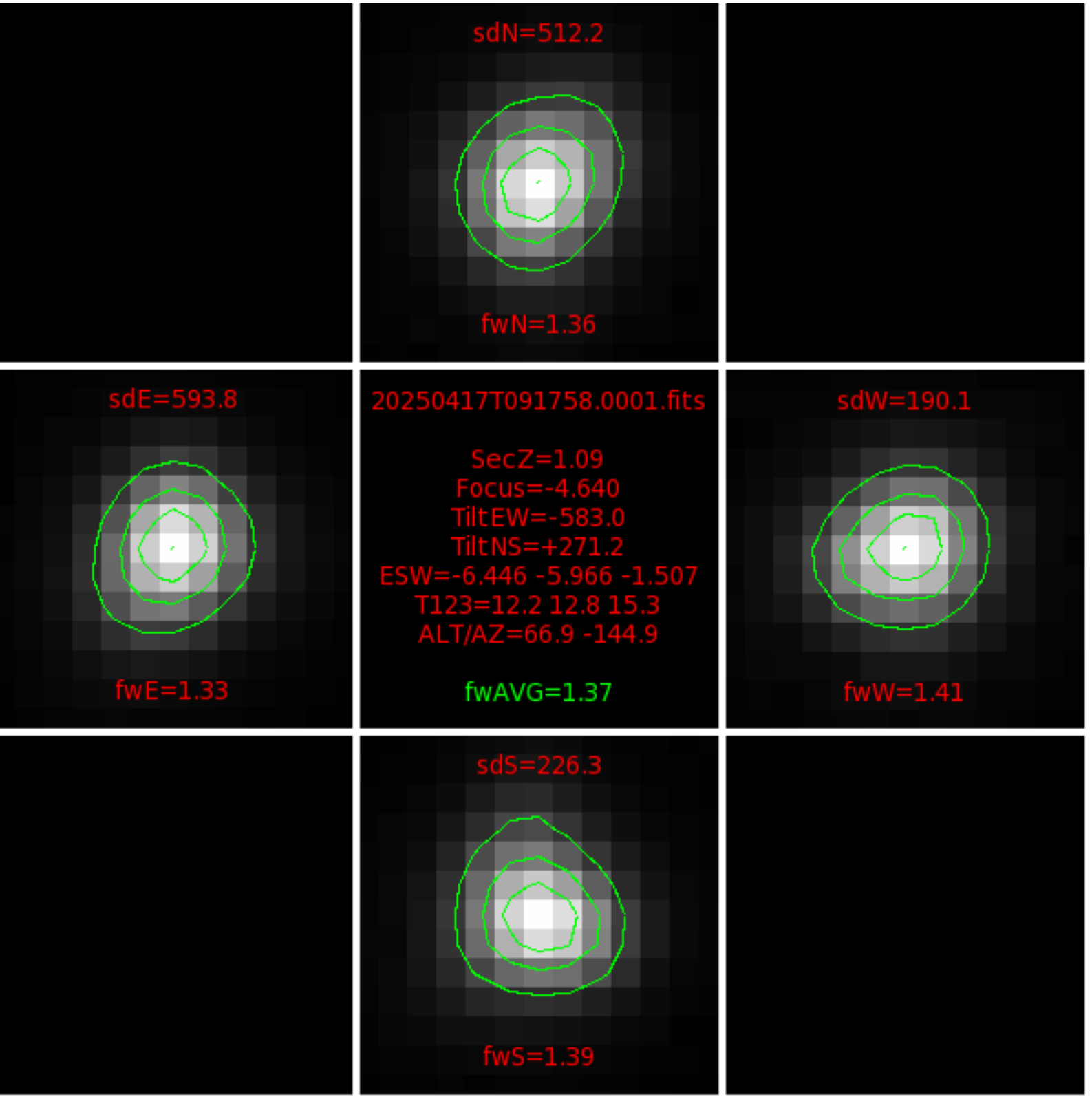
sdN=512.2
fwN=1.36
sdE=593.8
fwE=1.33
20250417T091758.0001.fits
SecZ=1.09
Focus=-4.640
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.446 -5.966 -1.507
T123=12.2 12.8 15.3
ALT/AZ=66.9 -144.9
fwAVG=1.37
sdW=190.1
fwW=1.41
sdS=226.3
fwS=1.39
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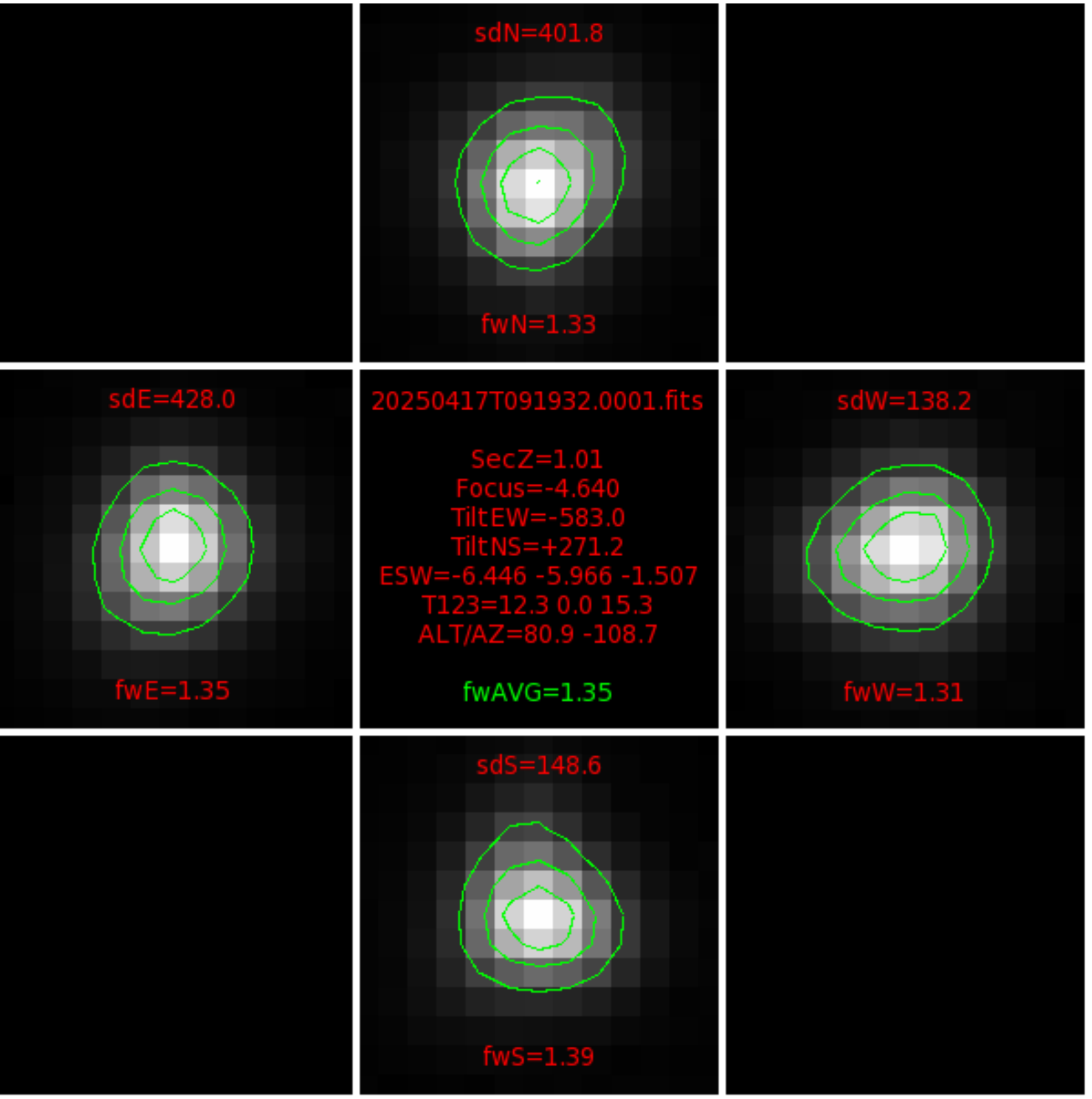
sdN=401.8
fwN=1.33
sdE=428.0
fwE=1.35
20250417T091932.0001.fits
SecZ=1.01
Focus=-4.640
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.446 -5.966 -1.507
T123=12.3 0.0 15.3
ALT/AZ=80.9 -108.7
fwAVG=1.35
sdW=138.2
fwW=1.31
sdS=148.6
fwS=1.39
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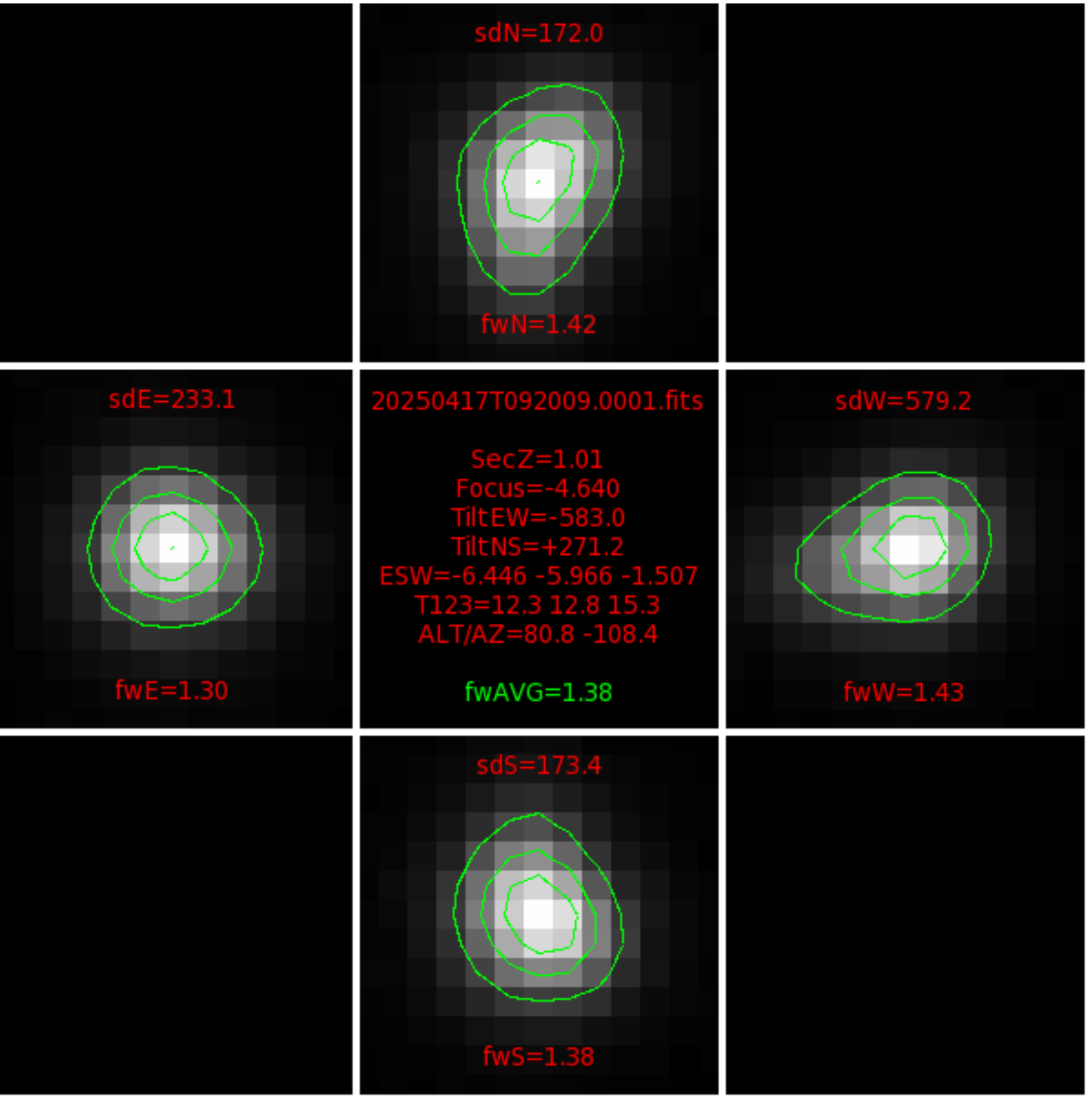
sdN=172.0
fwN=1.42
sdE=233.1
fwE=1.30
20250417T092009.0001.fits
SecZ=1.01
Focus=-4.640
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.446 -5.966 -1.507
T123=12.3 12.8 15.3
ALT/AZ=80.8 -108.4
fwAVG=1.38
sdW=579.2
fwW=1.43
sdS=173.4
fwS=1.38
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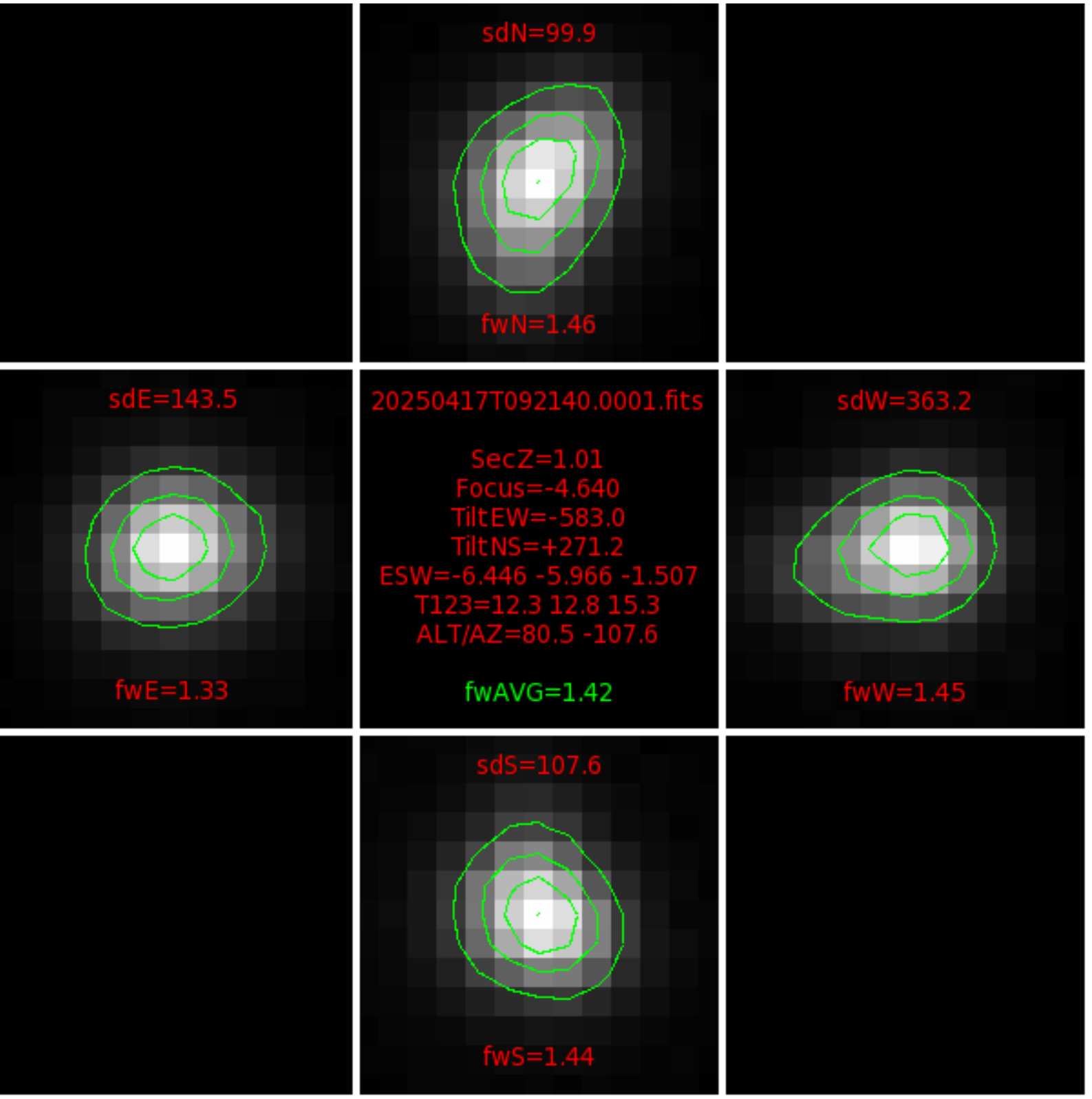
sdN=99.9
fwN=1.46
sdE=143.5
fwE=1.33
20250417T092140.0001.fits
SecZ=1.01
Focus=-4.640
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.446 -5.966 -1.507
T123=12.3 12.8 15.3
ALT/AZ=80.5 -107.6
fwAVG=1.42
sdW=363.2
fwW=1.45
sdS=107.6
fwS=1.44
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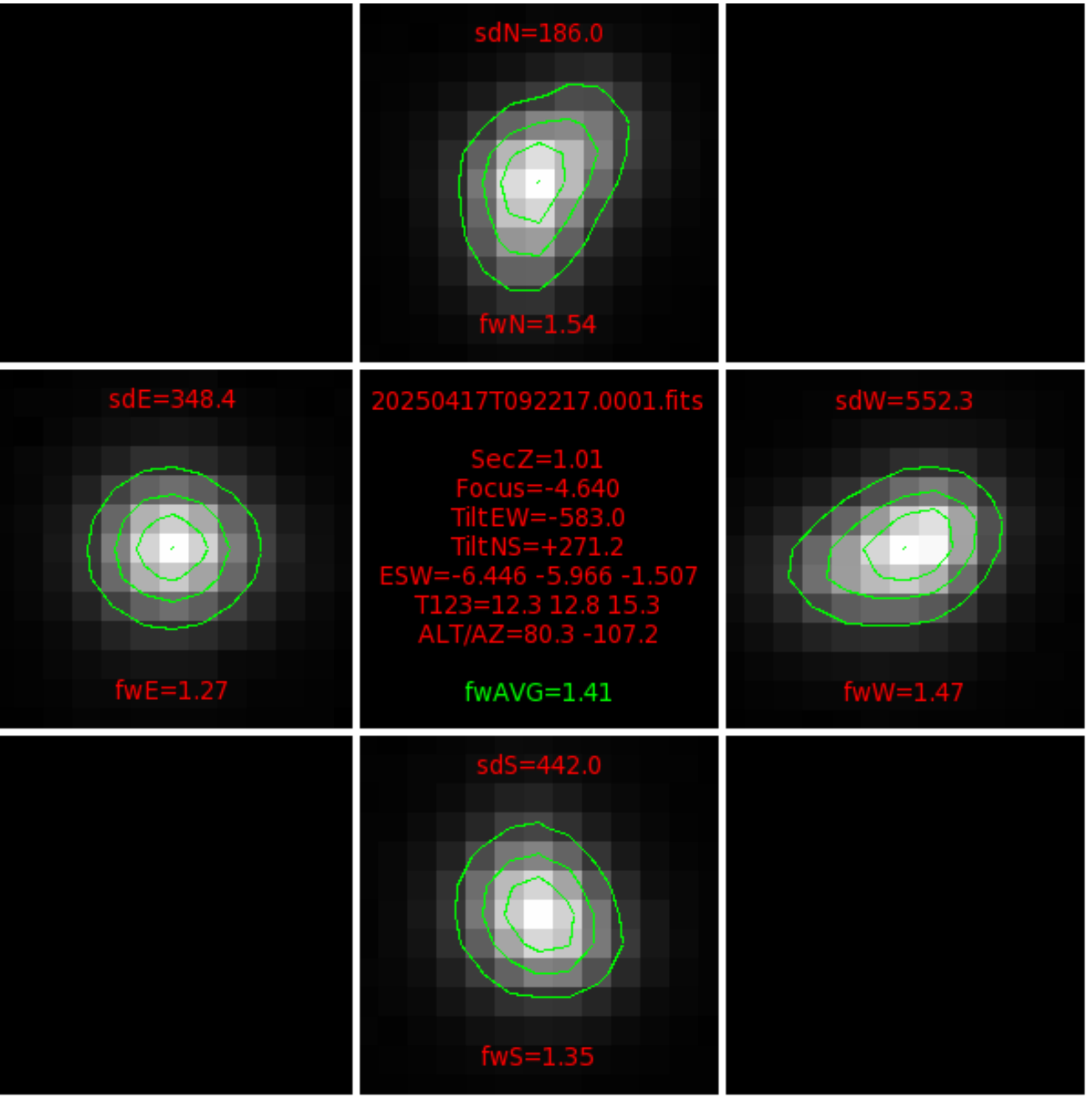
sdN=186.0
fwN=1.54
sdE=348.4
fwE=1.27
20250417T092217.0001.fits
SecZ=1.01
Focus=-4.640
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.446 -5.966 -1.507
T123=12.3 12.8 15.3
ALT/AZ=80.3 -107.2
fwAVG=1.41
sdW=552.3
fwW=1.47
sdS=442.0
fwS=1.35
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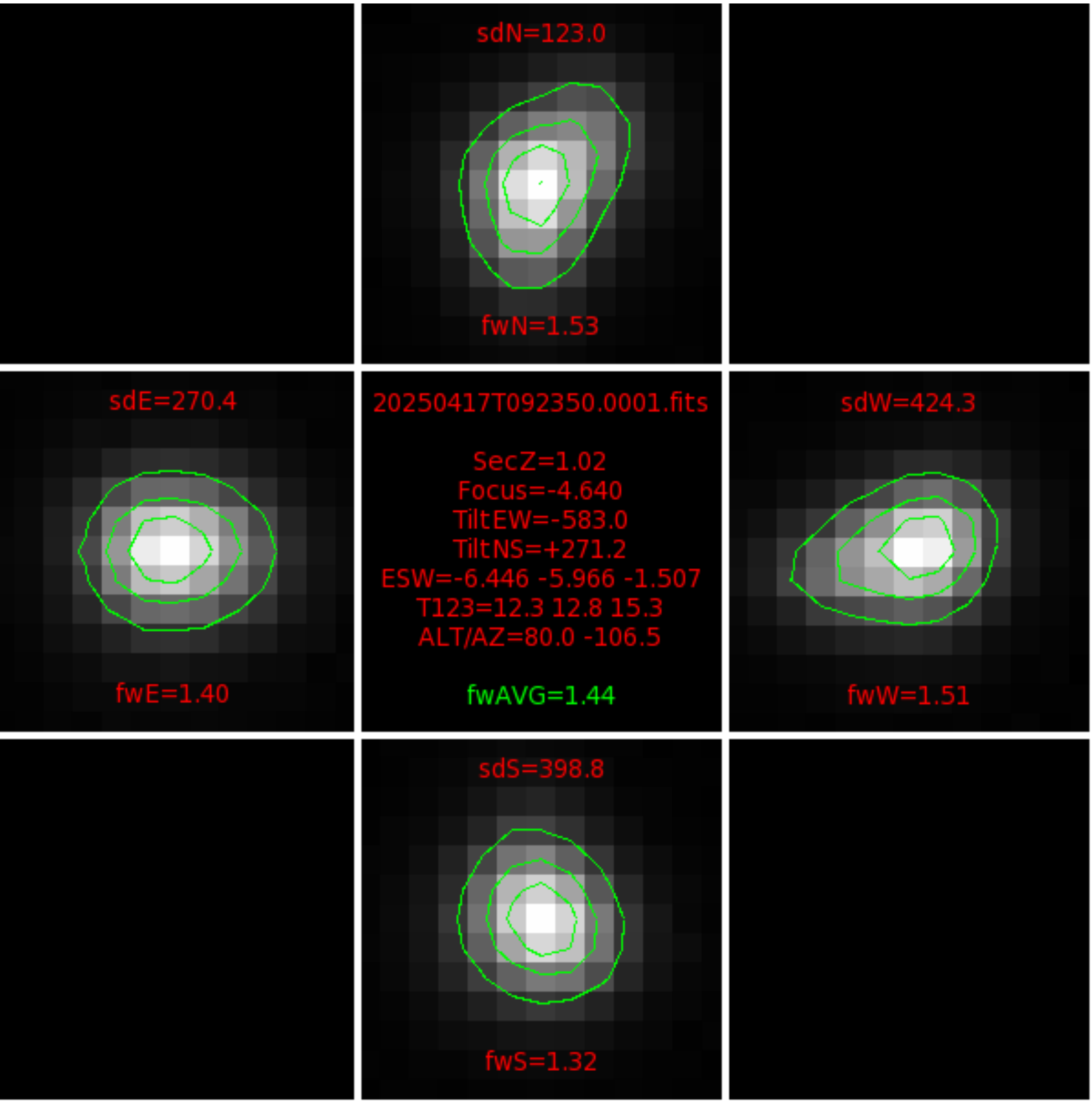
sdN=123.0
fwN=1.53
sdE=270.4
fwE=1.40
20250417T092350.0001.fits
SecZ=1.02
Focus=-4.640
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.446 -5.966 -1.507
T123=12.3 12.8 15.3
ALT/AZ=80.0 -106.5
fwAVG=1.44
sdW=424.3
fwW=1.51
sdS=398.8
fwS=1.32
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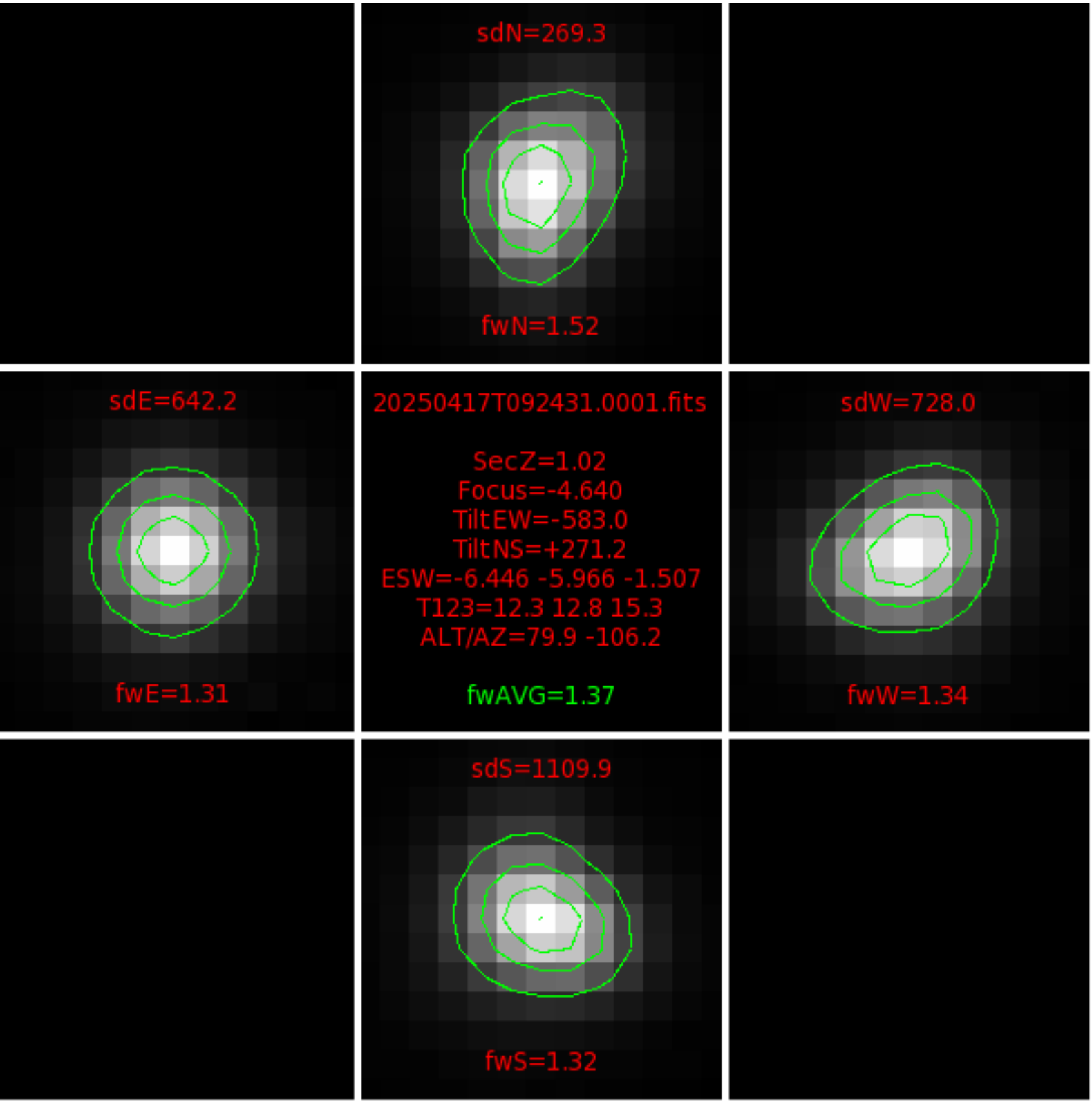
sdN=269.3
fwN=1.52
sdE=642.2
fwE=1.31
20250417T092431.0001.fits
SecZ=1.02
Focus=-4.640
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.446 -5.966 -1.507
T123=12.3 12.8 15.3
ALT/AZ=79.9 -106.2
fwAVG=1.37
sdW=728.0
fwW=1.34
sdS=1109.9
fwS=1.32
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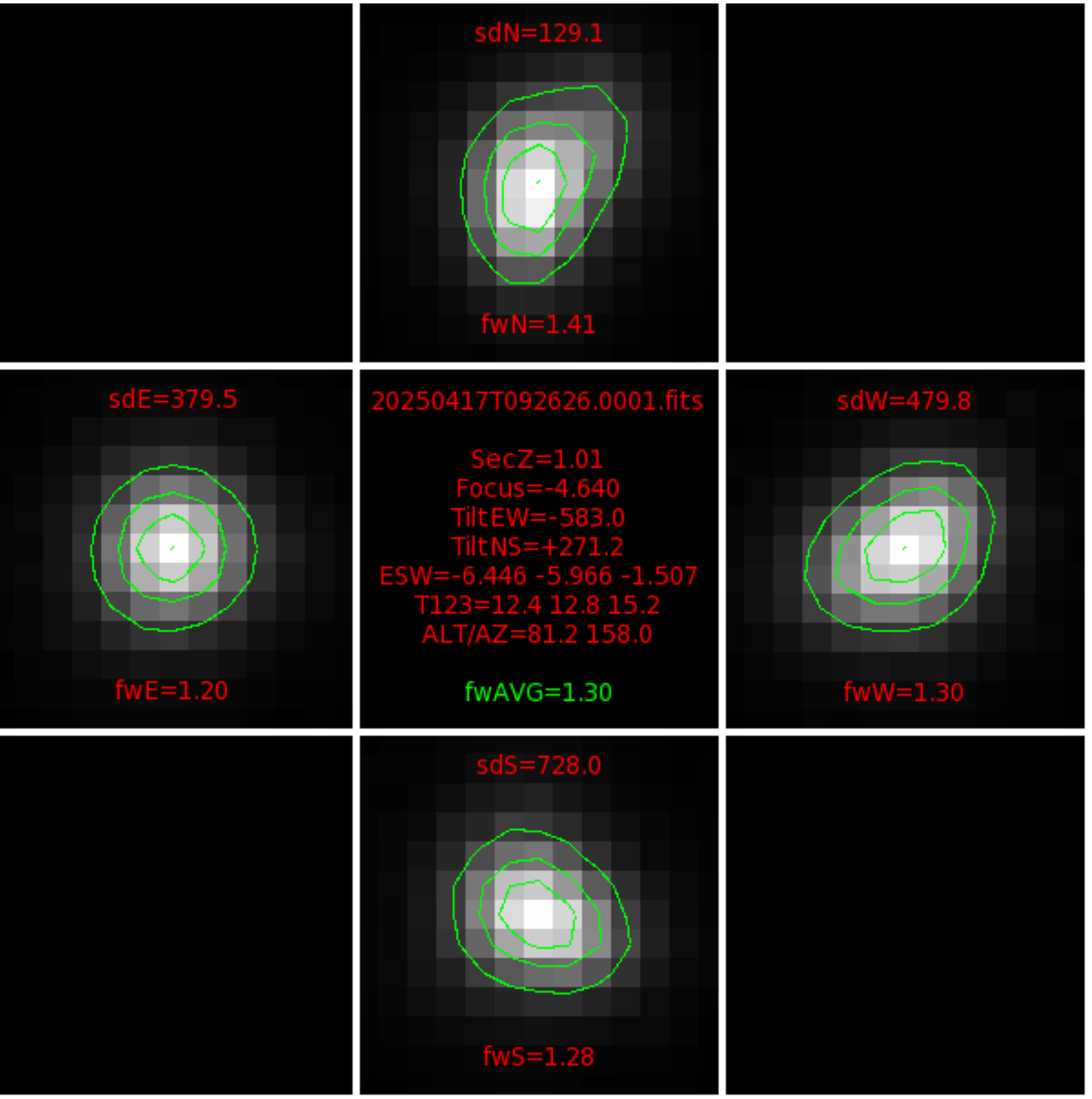
sdN=129.1
fwN=1.41
sdE=379.5
fwE=1.20
20250417T092626.0001.fits
SecZ=1.01
Focus=-4.640
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.446 -5.966 -1.507
T123=12.4 12.8 15.2
ALT/AZ=81.2 158.0
fwAVG=1.30
sdW=479.8
fwW=1.30
sdS=728.0
fwS=1.28
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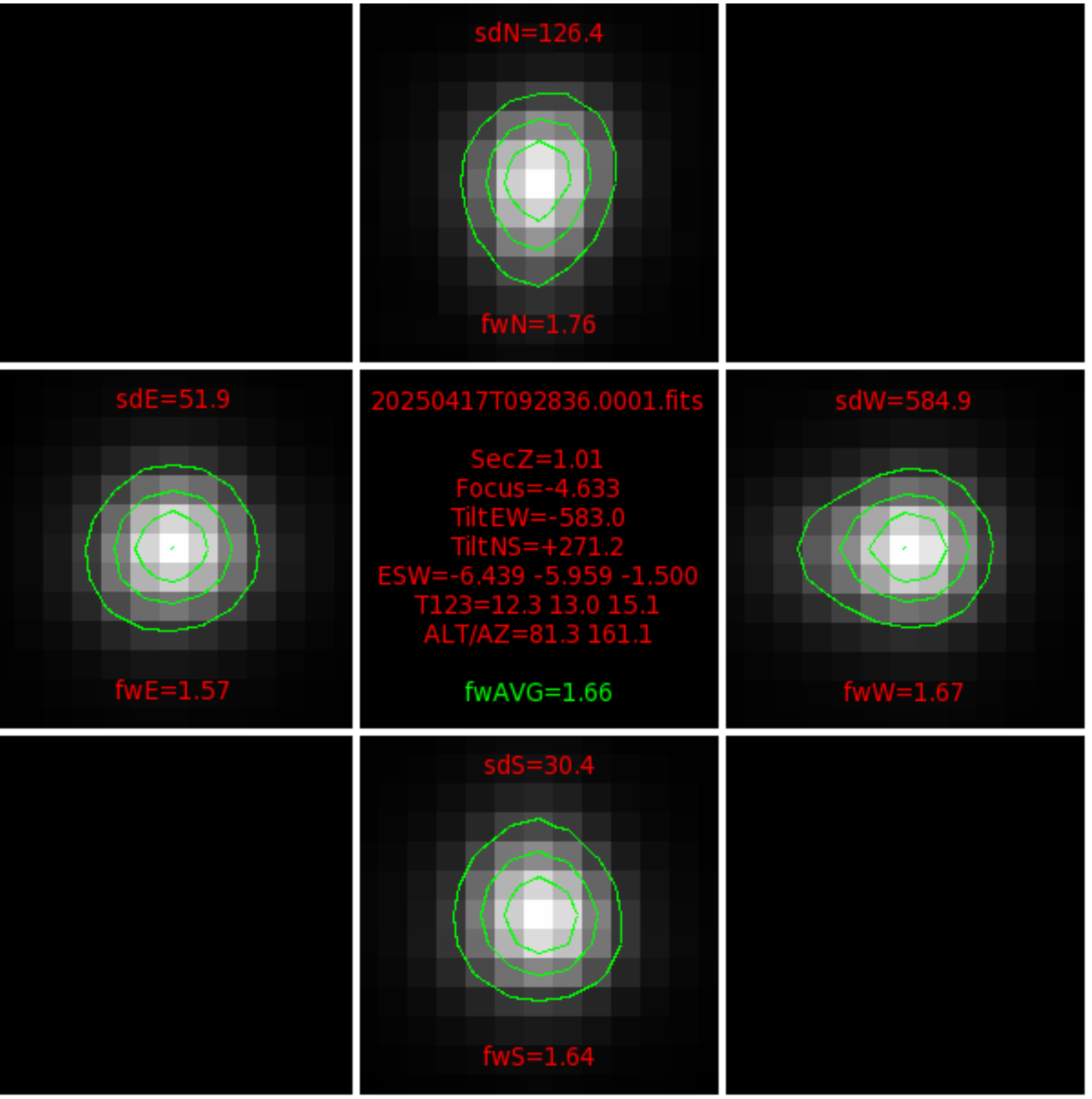
sdN=126.4
fwN=1.76
sdE=51.9
fwE=1.57
20250417T092836.0001.fits
SecZ=1.01
Focus=-4.633
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.439 -5.959 -1.500
T123=12.3 13.0 15.1
ALT/AZ=81.3 161.1
fwAVG=1.66
sdW=584.9
fwW=1.67
sdS=30.4
fwS=1.64
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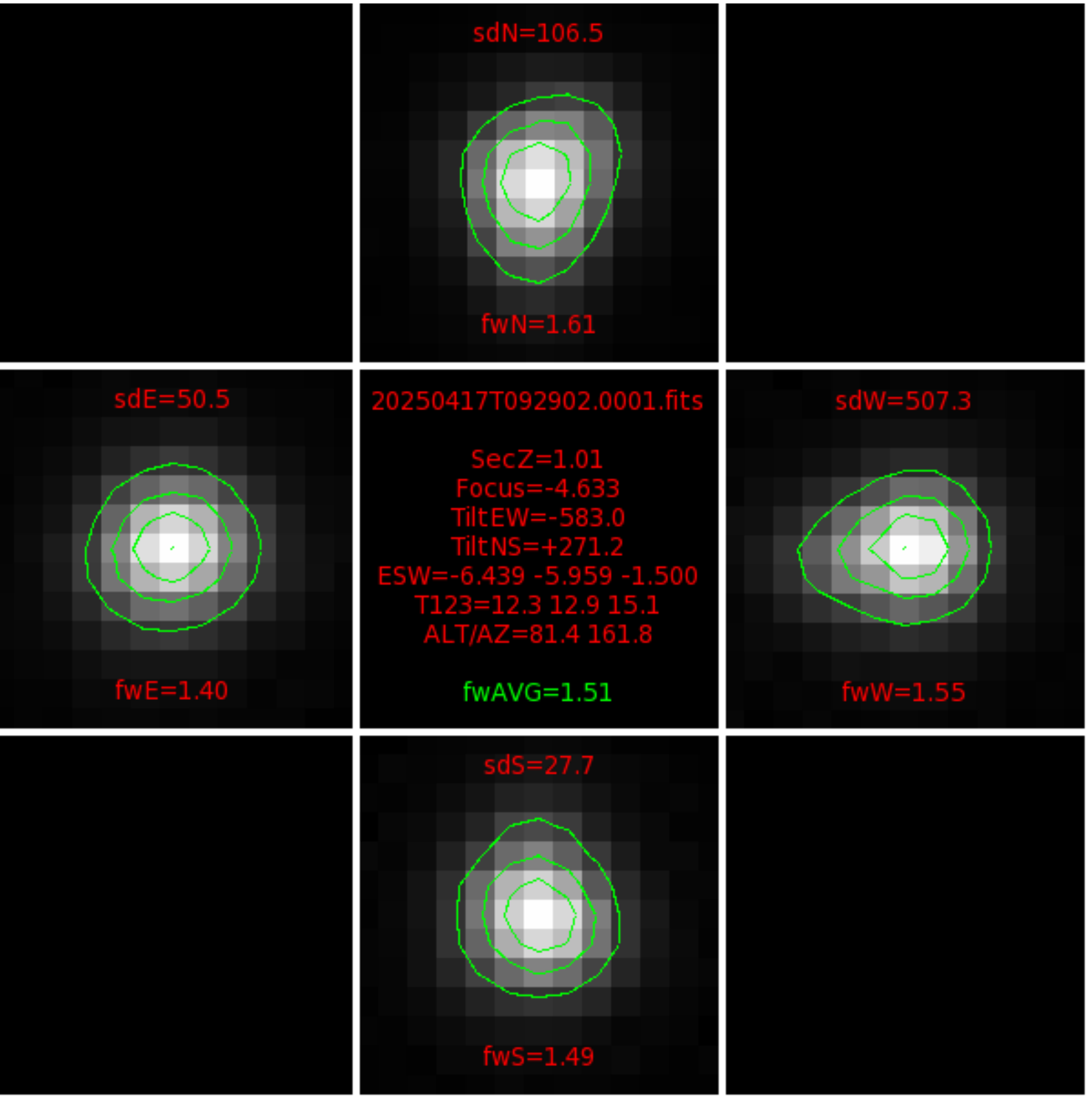
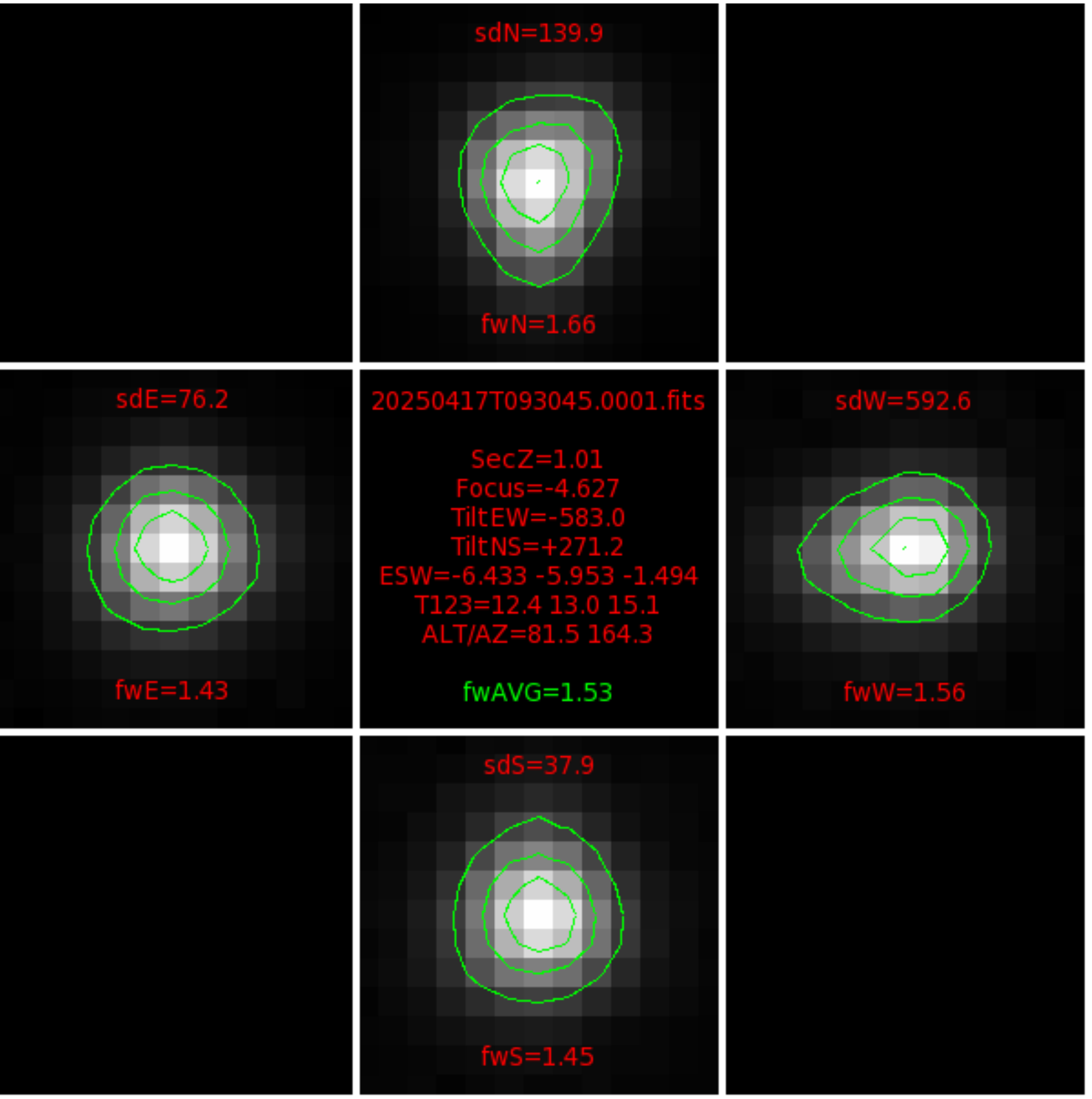

sdN=106.5
fwN=1.61
sdE=50.5
fwE=1.40
20250417T092902.0001.fits
SecZ=1.01
Focus=-4.633
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.439 -5.959 -1.500
T123=12.3 12.9 15.1
ALT/AZ=81.4 161.8
fwAVG=1.51
sdW=507.3
fwW=1.55
sdS=27.7
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=139.9
fwN=1.66
sdE=76.2
fwE=1.43
20250417T093045.0001.fits
SecZ=1.01
Focus=-4.627
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.433 -5.953 -1.494
T123=12.4 13.0 15.1
ALT/AZ=81.5 164.3
fwAVG=1.53
sdW=592.6
fwW=1.56
sdS=37.9
fwS=1.45
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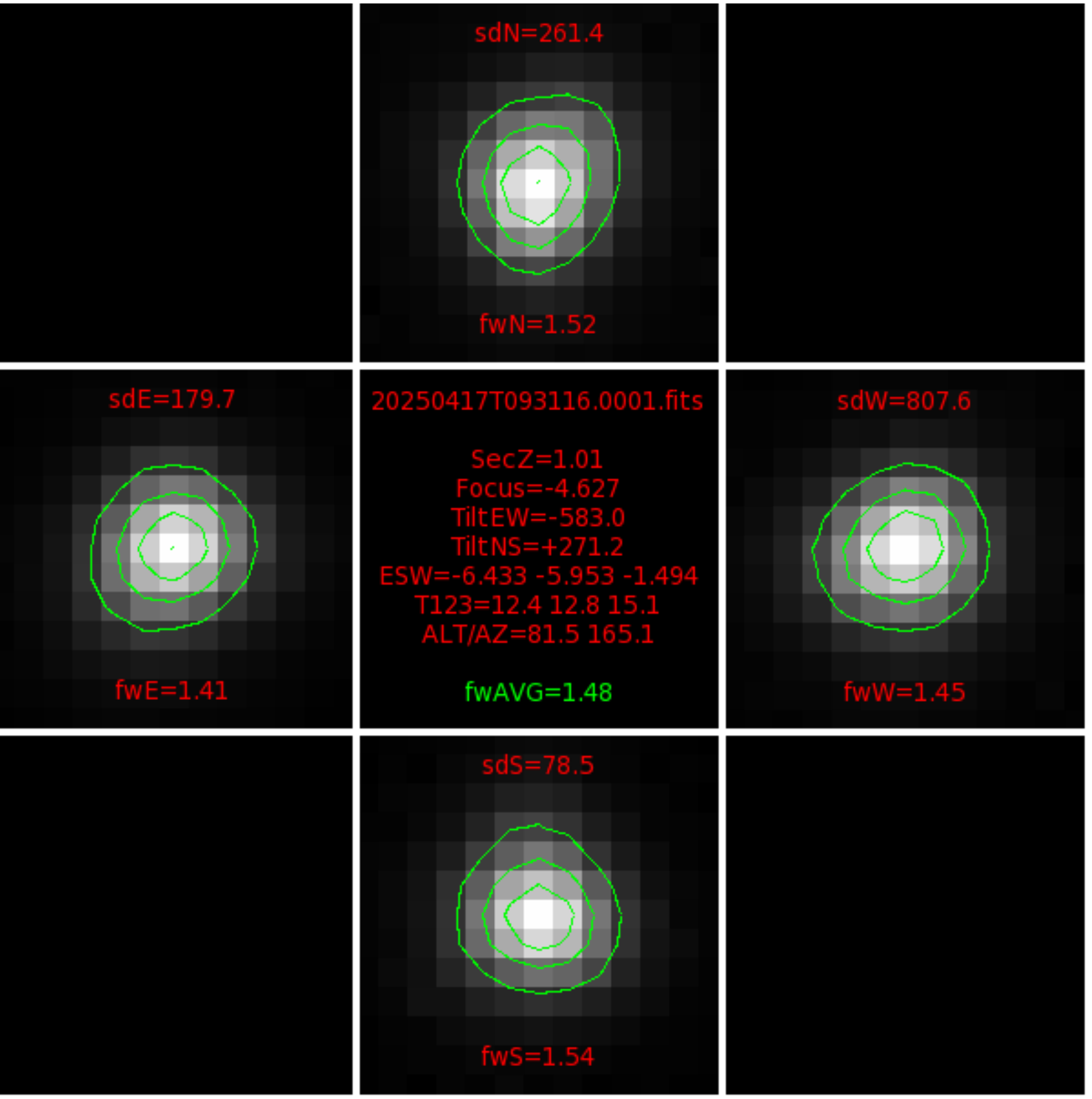
sdN=261.4
fwN=1.52
sdE=179.7
fwE=1.41
20250417T093116.0001.fits
SecZ=1.01
Focus=-4.627
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.433 -5.953 -1.494
T123=12.4 12.8 15.1
ALT/AZ=81.5 165.1
fwAVG=1.48
sdW=807.6
fwW=1.45
sdS=78.5
fwS=1.54
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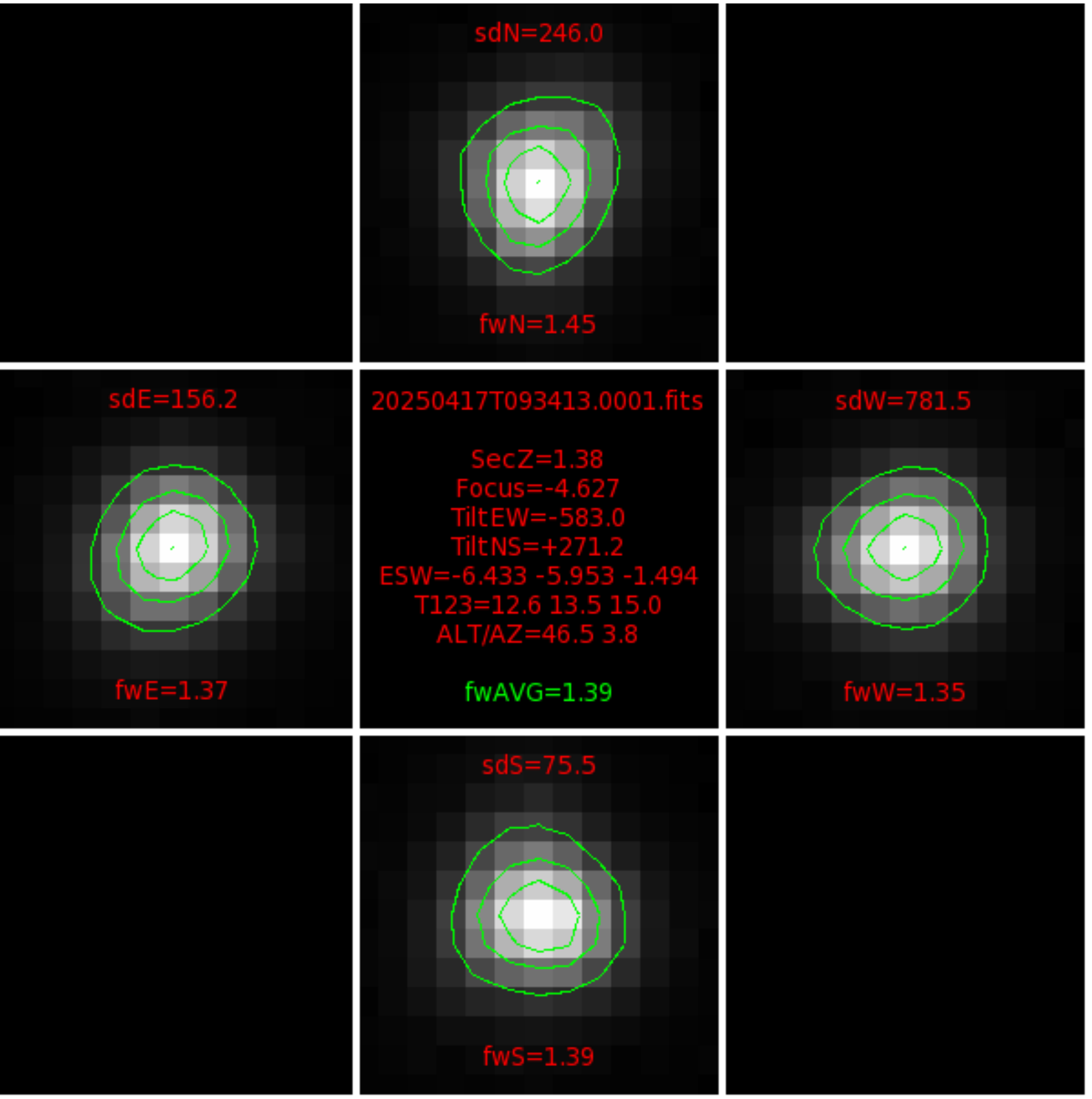
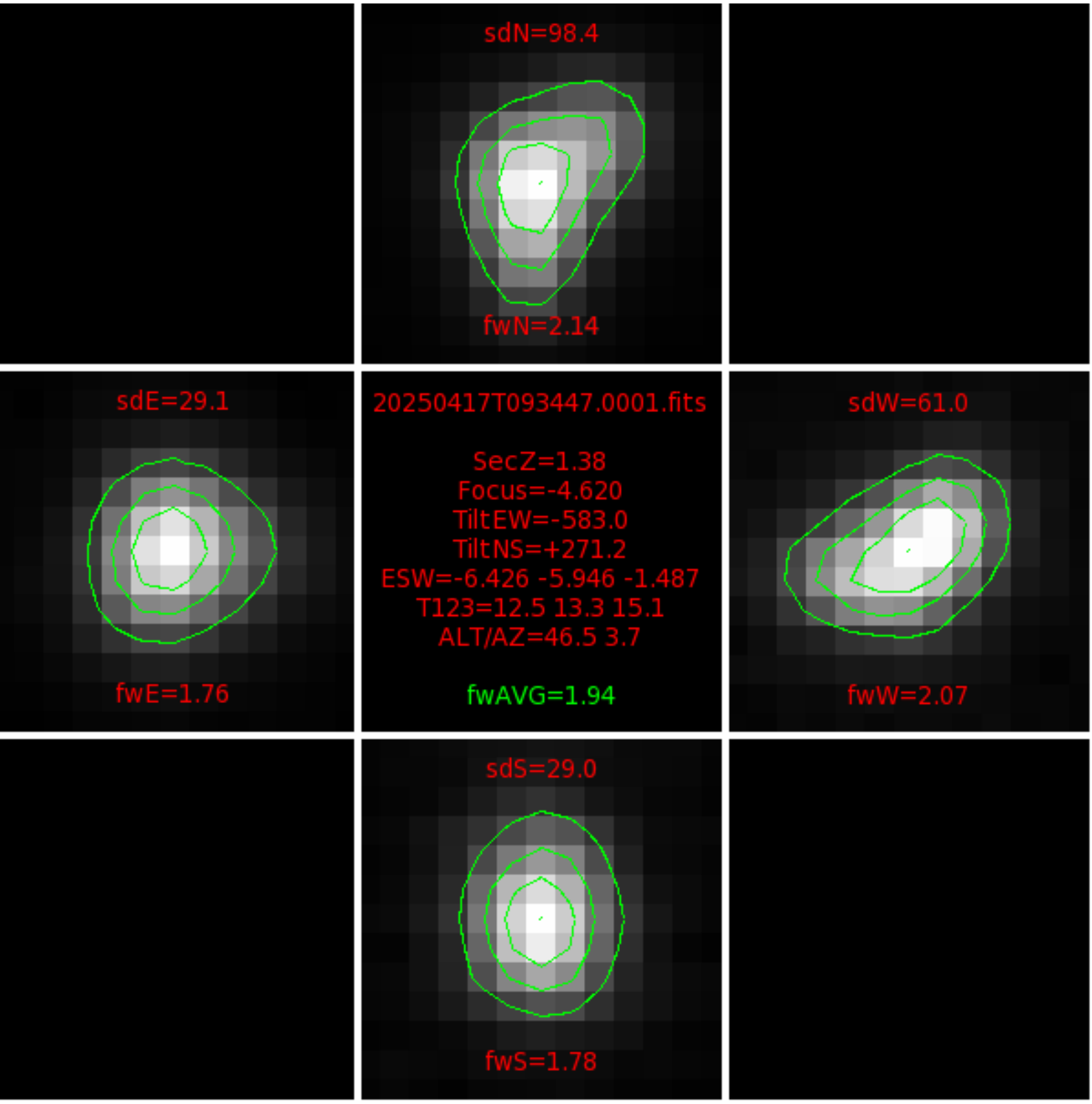

sdN=246.0
fwN=1.45
sdE=156.2
fwE=1.37
20250417T093413.0001.fits
SecZ=1.38
Focus=-4.627
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.433 -5.953 -1.494
T123=12.6 13.5 15.0
ALT/AZ=46.5 3.8
fwAVG=1.39
sdW=781.5
fwW=1.35
sdS=75.5
fwS=1.39
0 0 0 0 0 0 0 0 0


sdN=98.4
fwN=2.14
sdE=29.1
fwE=1.76
20250417T093447.0001.fits
SecZ=1.38
Focus=-4.620
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.426 -5.946 -1.487
T123=12.5 13.3 15.1
ALT/AZ=46.5 3.7
fwAVG=1.94
sdW=61.0
fwW=2.07
sdS=29.0
fwS=1.78
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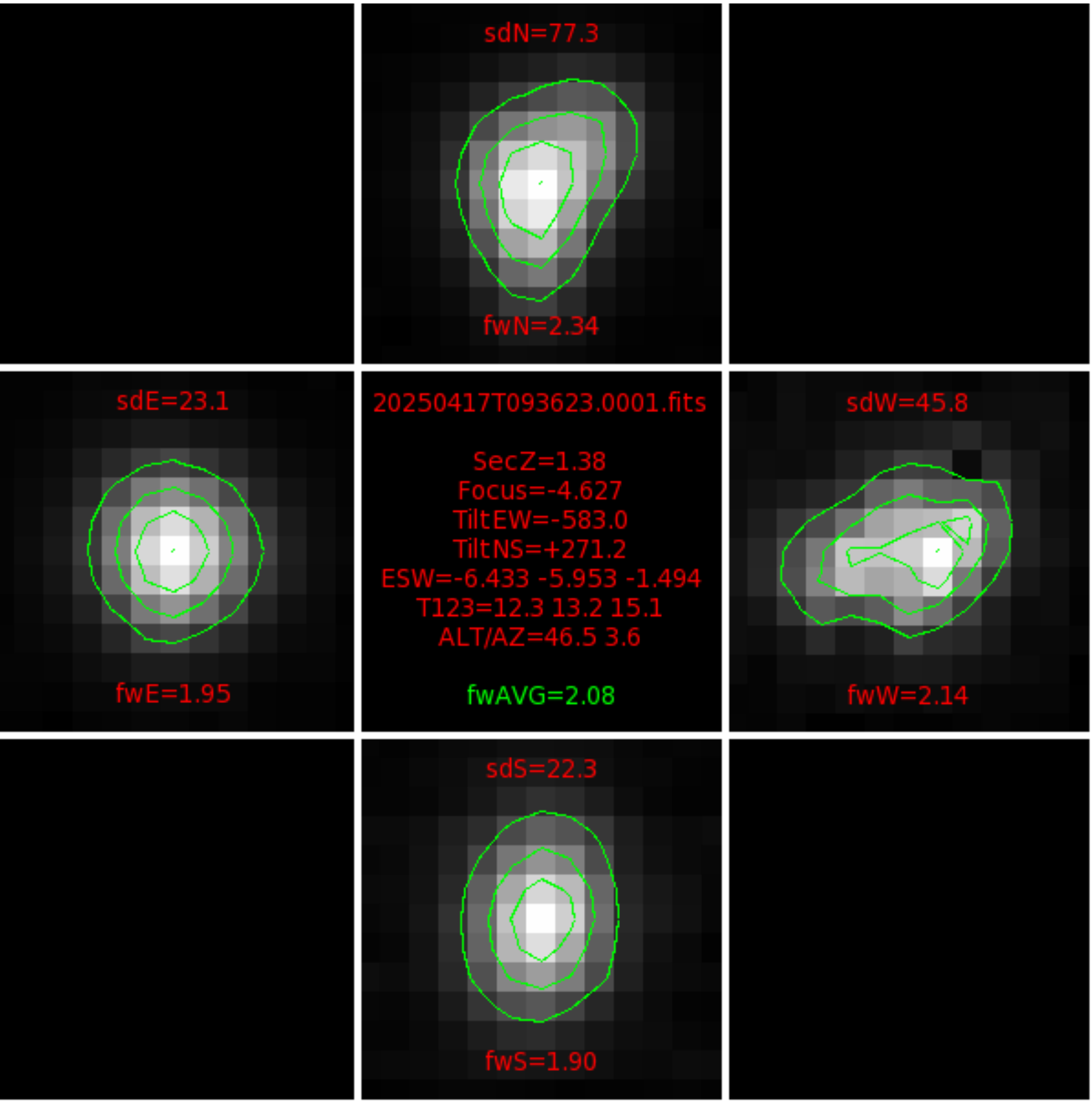
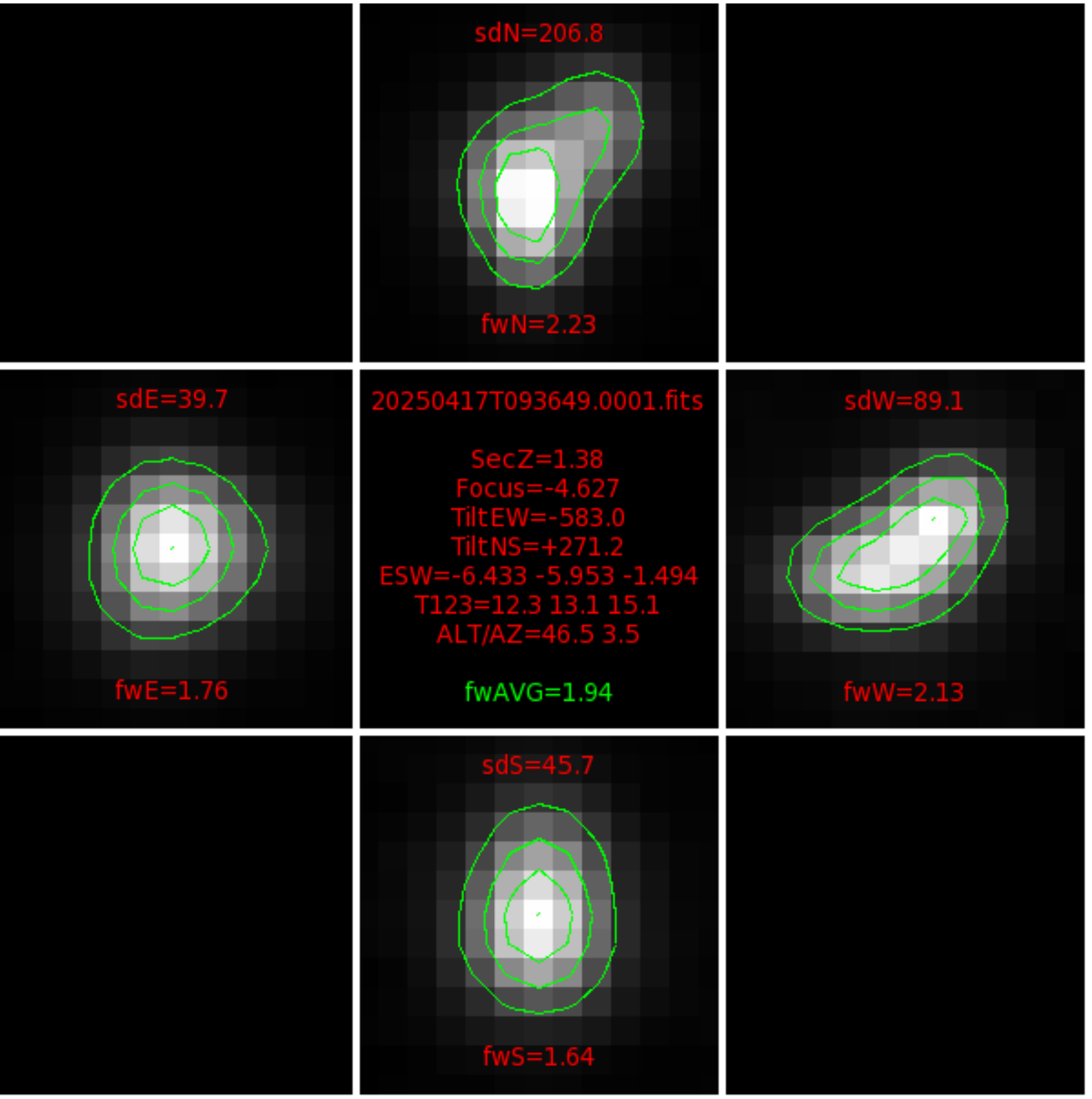

sdN=77.3
fwN=2.34
sdE=23.1
fwE=1.95
20250417T093623.0001.fits
SecZ=1.38
Focus=-4.627
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.433 -5.953 -1.494
T123=12.3 13.2 15.1
ALT/AZ=46.5 3.6
fwAVG=2.08
sdW=45.8
fwW=2.14
sdS=22.3
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=206.8
fwN=2.23
sdE=39.7
fwE=1.76
20250417T093649.0001.fits
SecZ=1.38
Focus=-4.627
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.433 -5.953 -1.494
T123=12.3 13.1 15.1
ALT/AZ=46.5 3.5
fwAVG=1.94
sdW=89.1
fwW=2.13
sdS=45.7
fwS=1.64
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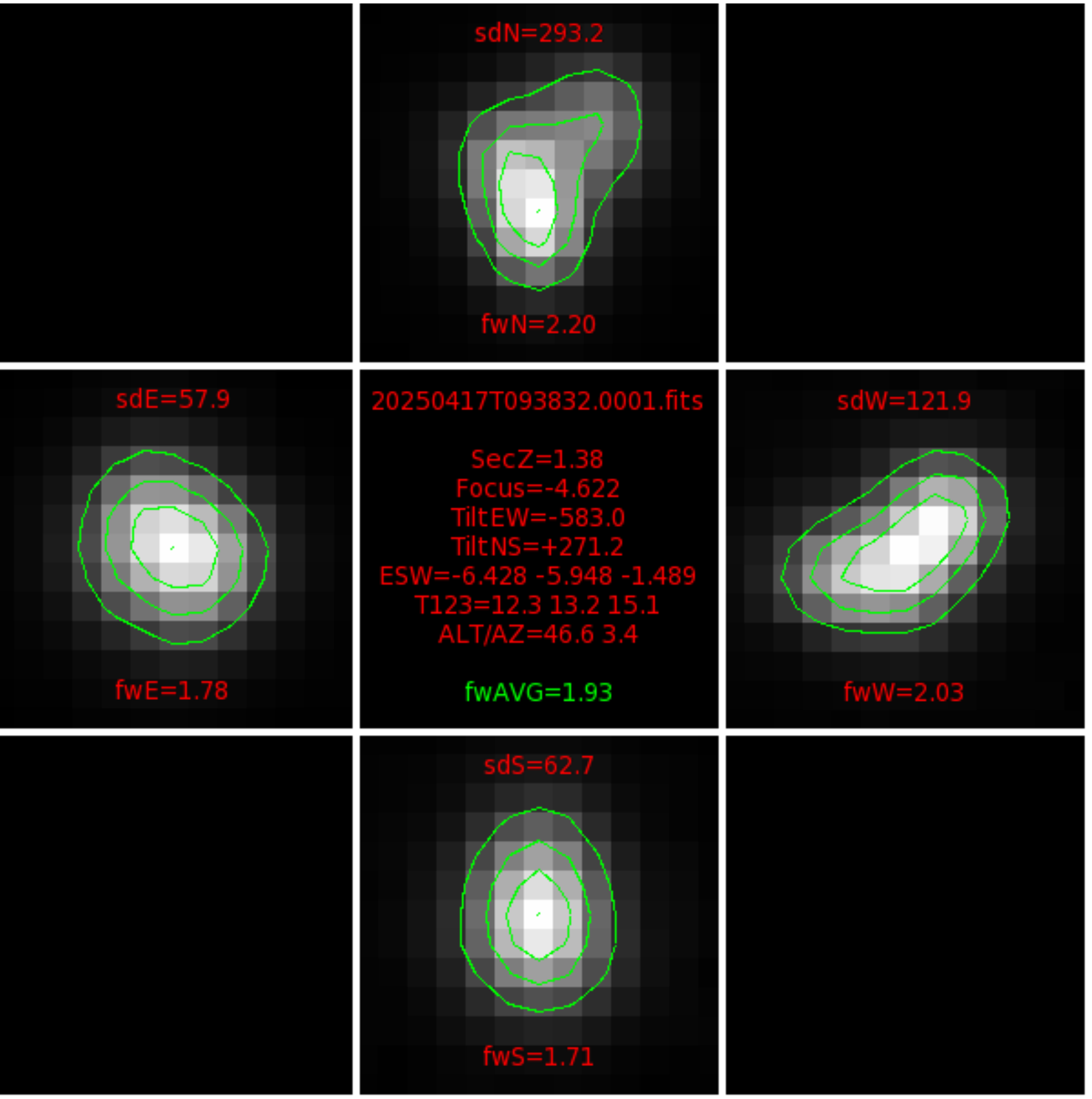
sdN=293.2
fwN=2.20
sdE=57.9
fwE=1.78
20250417T093832.0001.fits
SecZ=1.38
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.3 13.2 15.1
ALT/AZ=46.6 3.4
fwAVG=1.93
sdW=121.9
fwW=2.03
sdS=62.7
fwS=1.71
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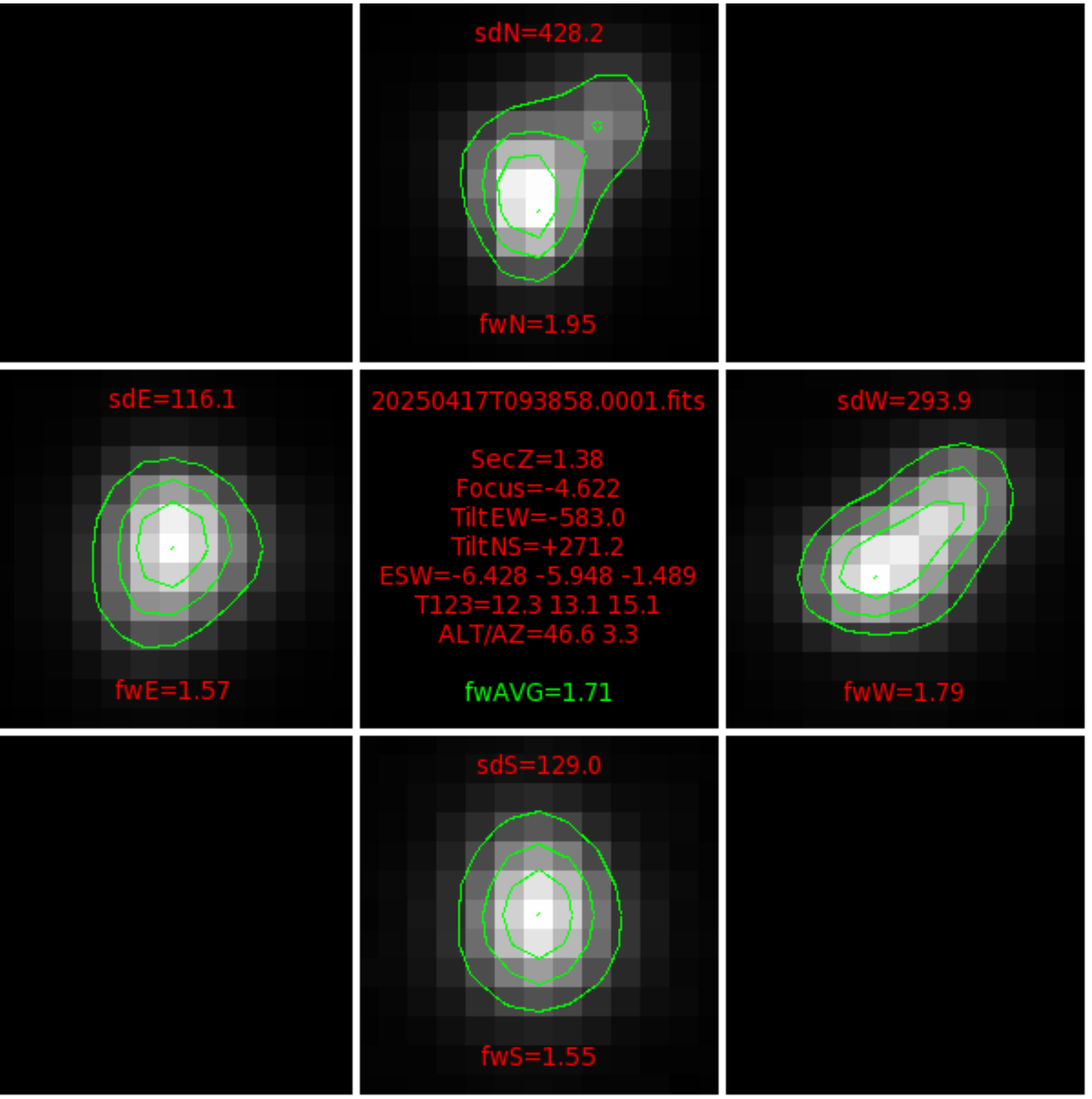
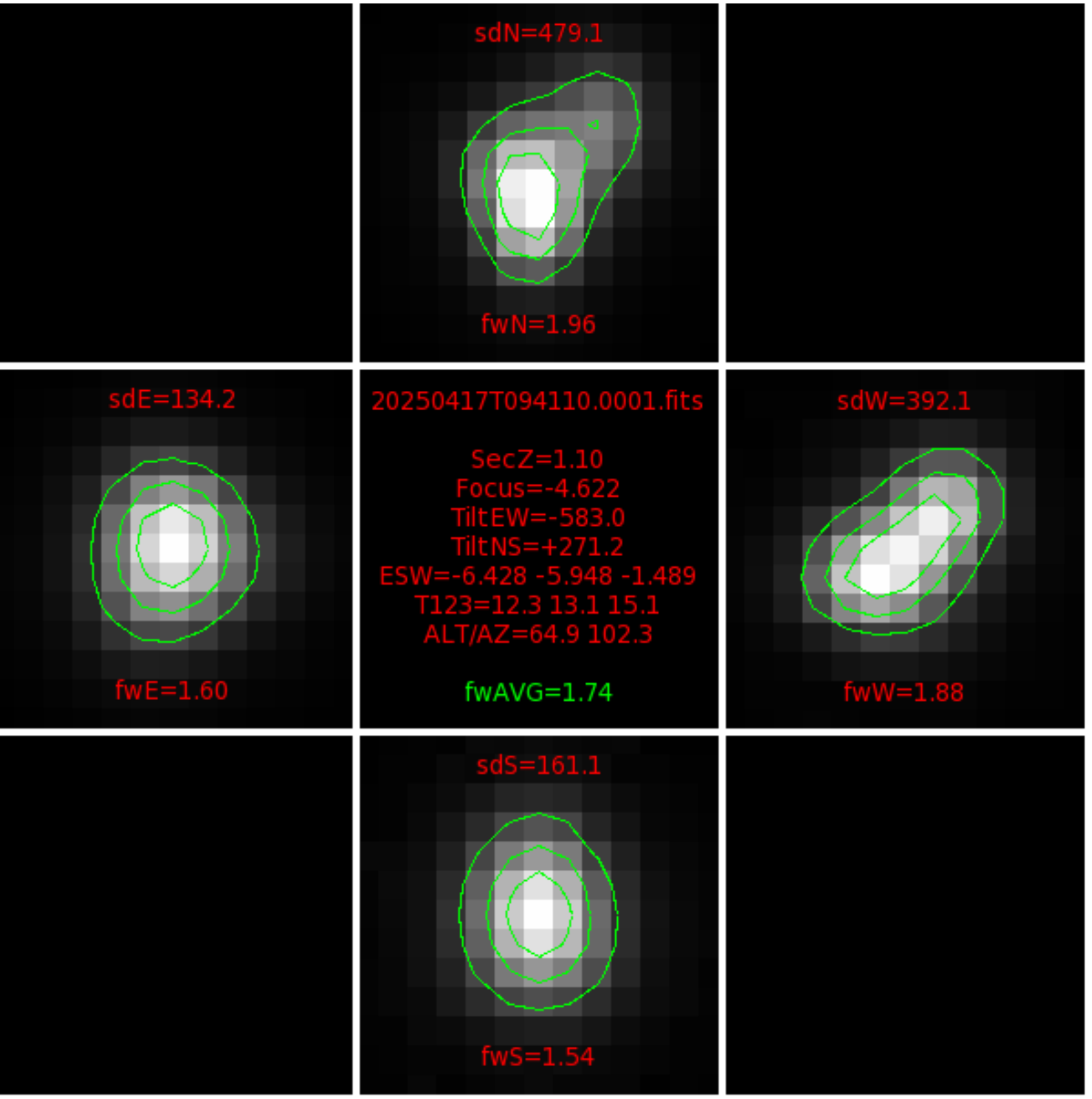

sdN=428.2
fwN=1.95
sdE=116.1
fwE=1.57
20250417T093858.0001.fits
SecZ=1.38
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.3 13.1 15.1
ALT/AZ=46.6 3.3
fwAVG=1.71
sdW=293.9
fwW=1.79
sdS=129.0
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=479.1
fwN=1.96
sdE=134.2
fwE=1.60
20250417T094110.0001.fits
SecZ=1.10
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.3 13.1 15.1
ALT/AZ=64.9 102.3
fwAVG=1.74
sdW=392.1
fwW=1.88
sdS=161.1
fwS=1.54
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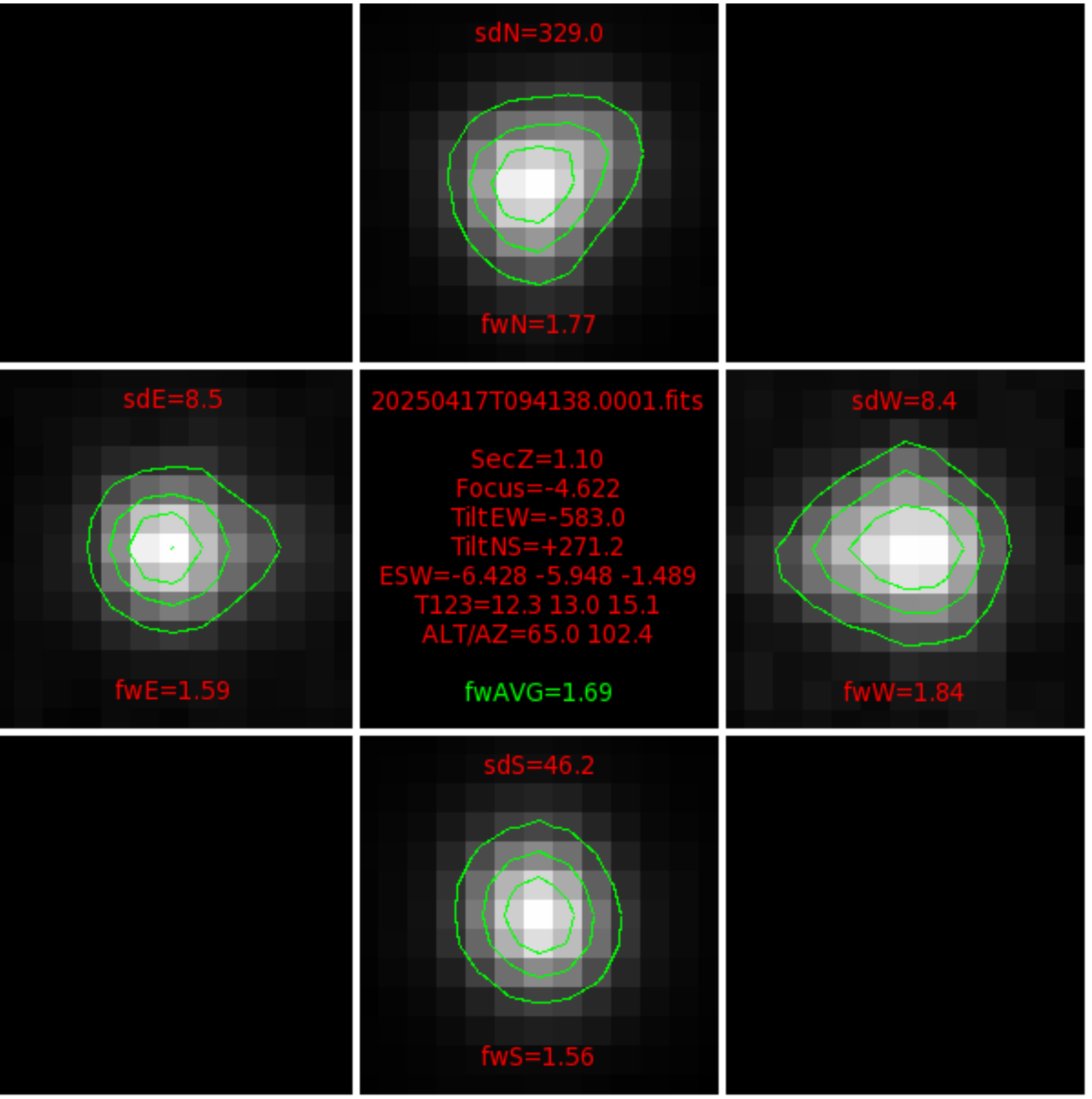
sdN=329.0
fwN=1.77
sdE=8.5
fwE=1.59
20250417T094138.0001.fits
SecZ=1.10
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.3 13.0 15.1
ALT/AZ=65.0 102.4
fwAVG=1.69
sdW=8.4
fwW=1.84
sdS=46.2
fwS=1.56
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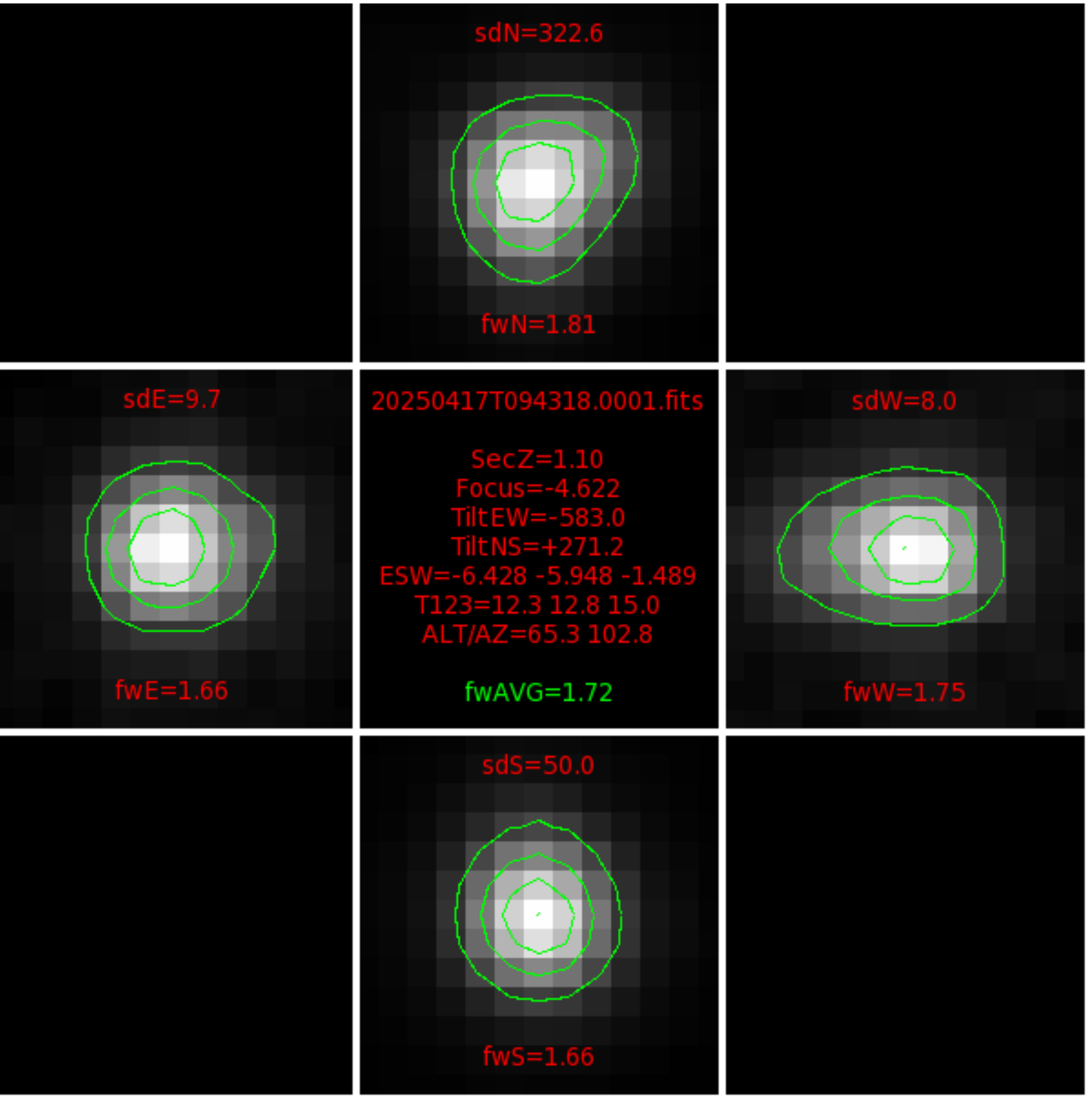
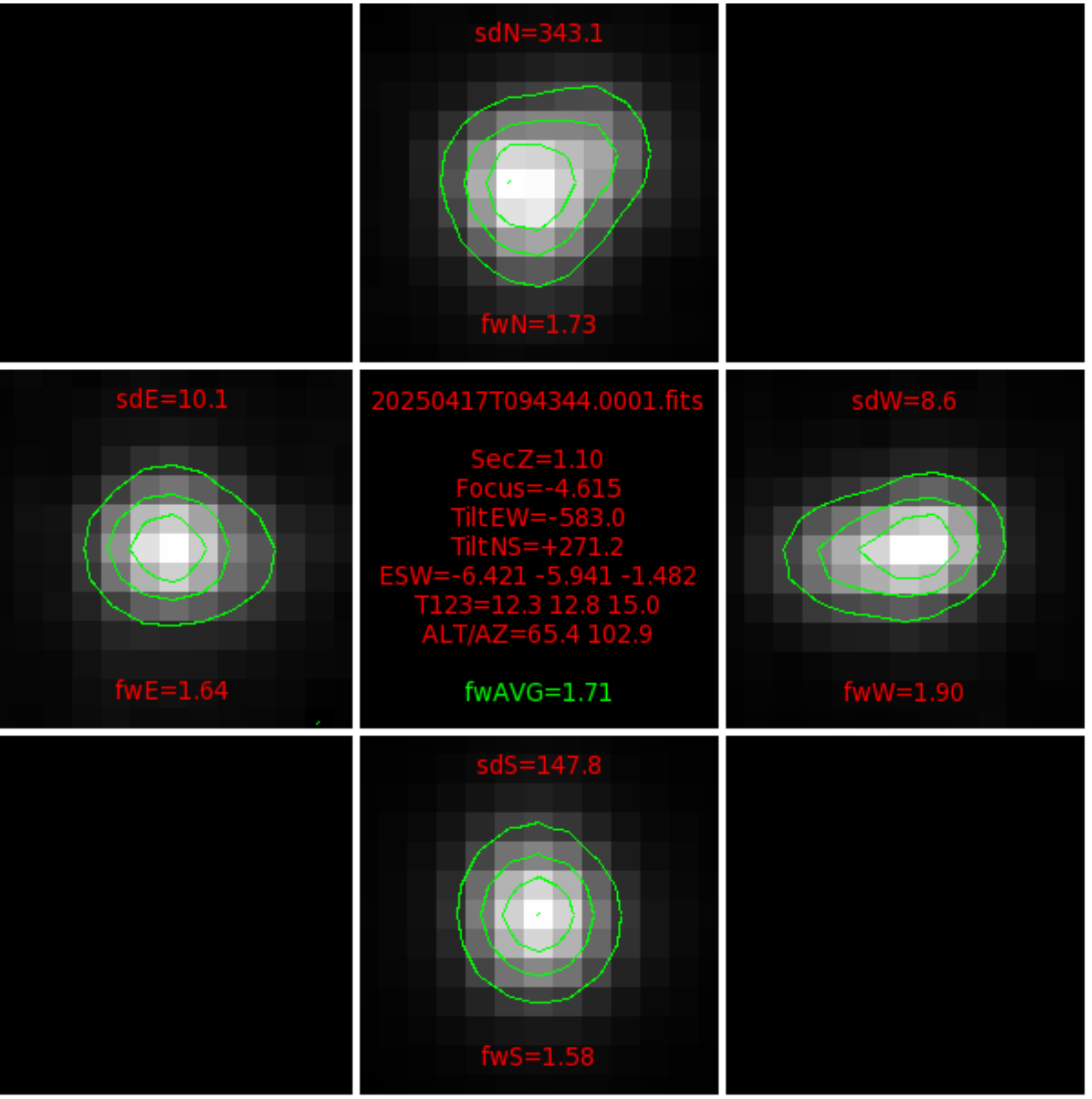

sdN=322.6
fwN=1.81
sdE=9.7
fwE=1.66
20250417T094318.0001.fits
SecZ=1.10
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.3 12.8 15.0
ALT/AZ=65.3 102.8
fwAVG=1.72
sdW=8.0
fwW=1.75
sdS=50.0
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=343.1
fwN=1.73
sdE=10.1
fwE=1.64
20250417T094344.0001.fits
SecZ=1.10
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.3 12.8 15.0
ALT/AZ=65.4 102.9
fwAVG=1.71
sdW=8.6
fwW=1.90
sdS=147.8
fwS=1.58
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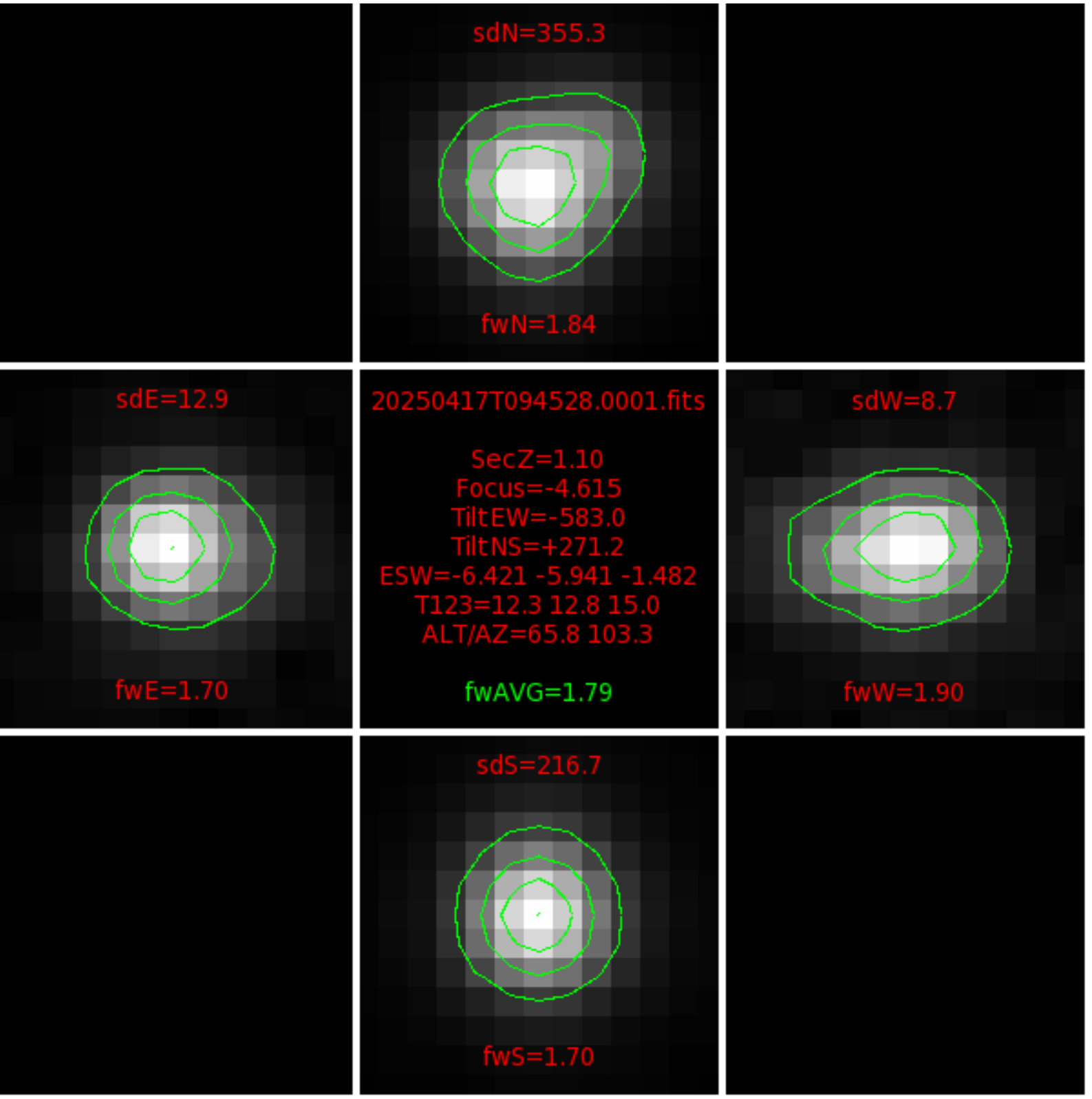
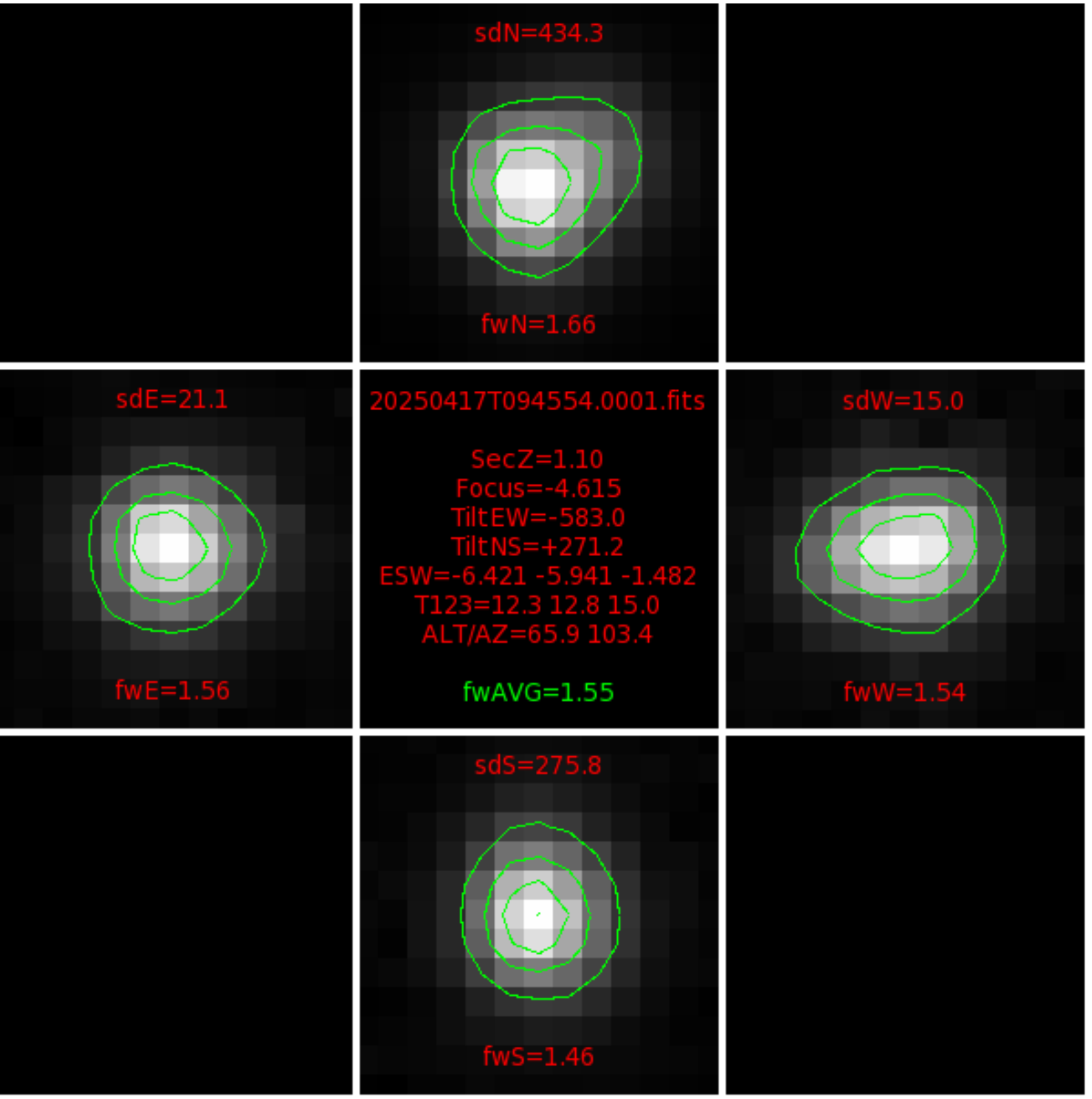

sdN=355.3
fwN=1.84
sdE=12.9
fwE=1.70
20250417T094528.0001.fits
SecZ=1.10
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.3 12.8 15.0
ALT/AZ=65.8 103.3
fwAVG=1.79
sdW=8.7
fwW=1.90
sdS=216.7
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=434.3
fwN=1.66
sdE=21.1
fwE=1.56
20250417T094554.0001.fits
SecZ=1.10
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.3 12.8 15.0
ALT/AZ=65.9 103.4
fwAVG=1.55
sdW=15.0
fwW=1.54
sdS=275.8
fwS=1.46
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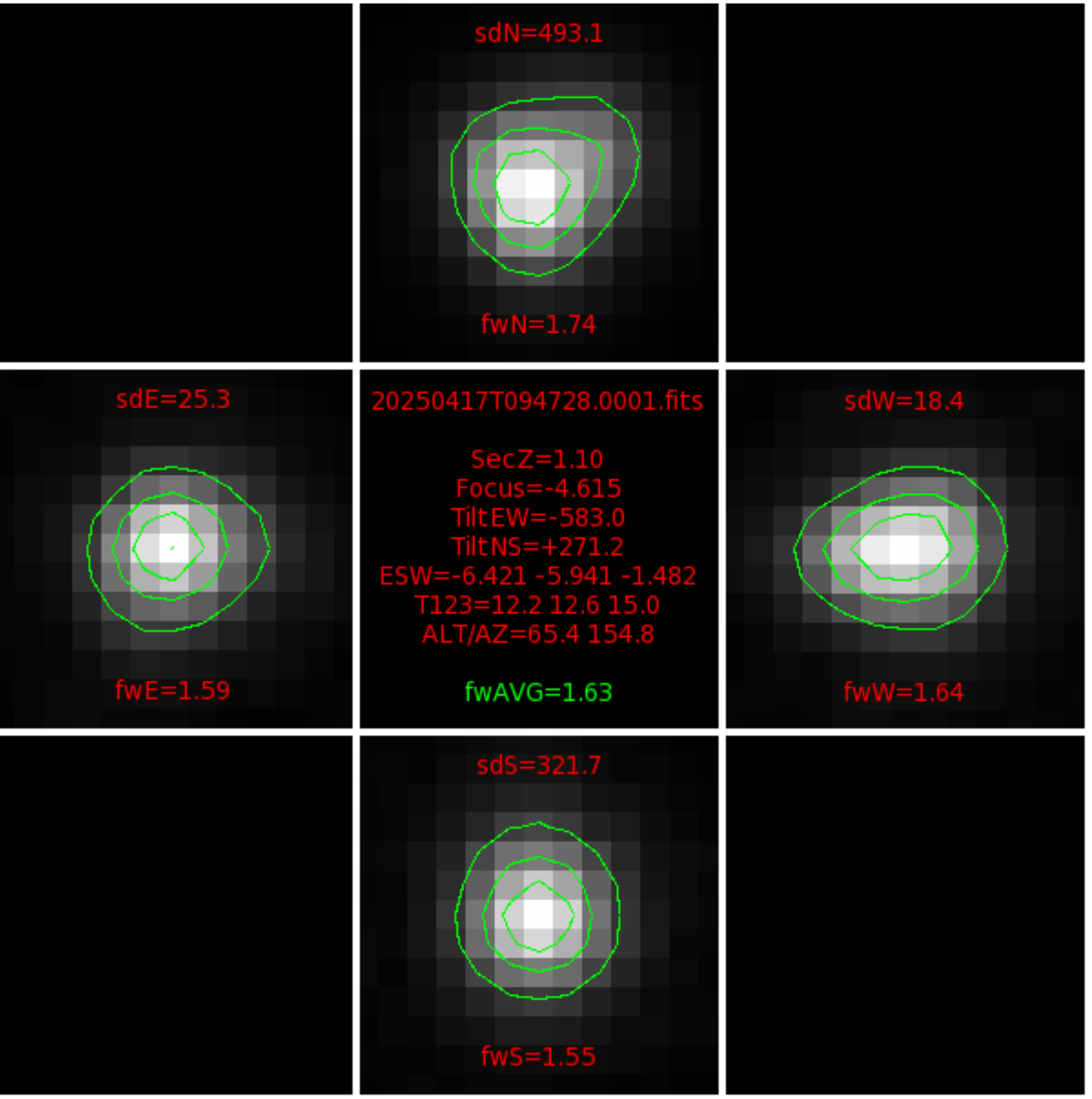
sdN=493.1
fwN=1.74
sdE=25.3
fwE=1.59
20250417T094728.0001.fits
SecZ=1.10
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.2 12.6 15.0
ALT/AZ=65.4 154.8
fwAVG=1.63
sdW=18.4
fwW=1.64
sdS=321.7
fwS=1.55
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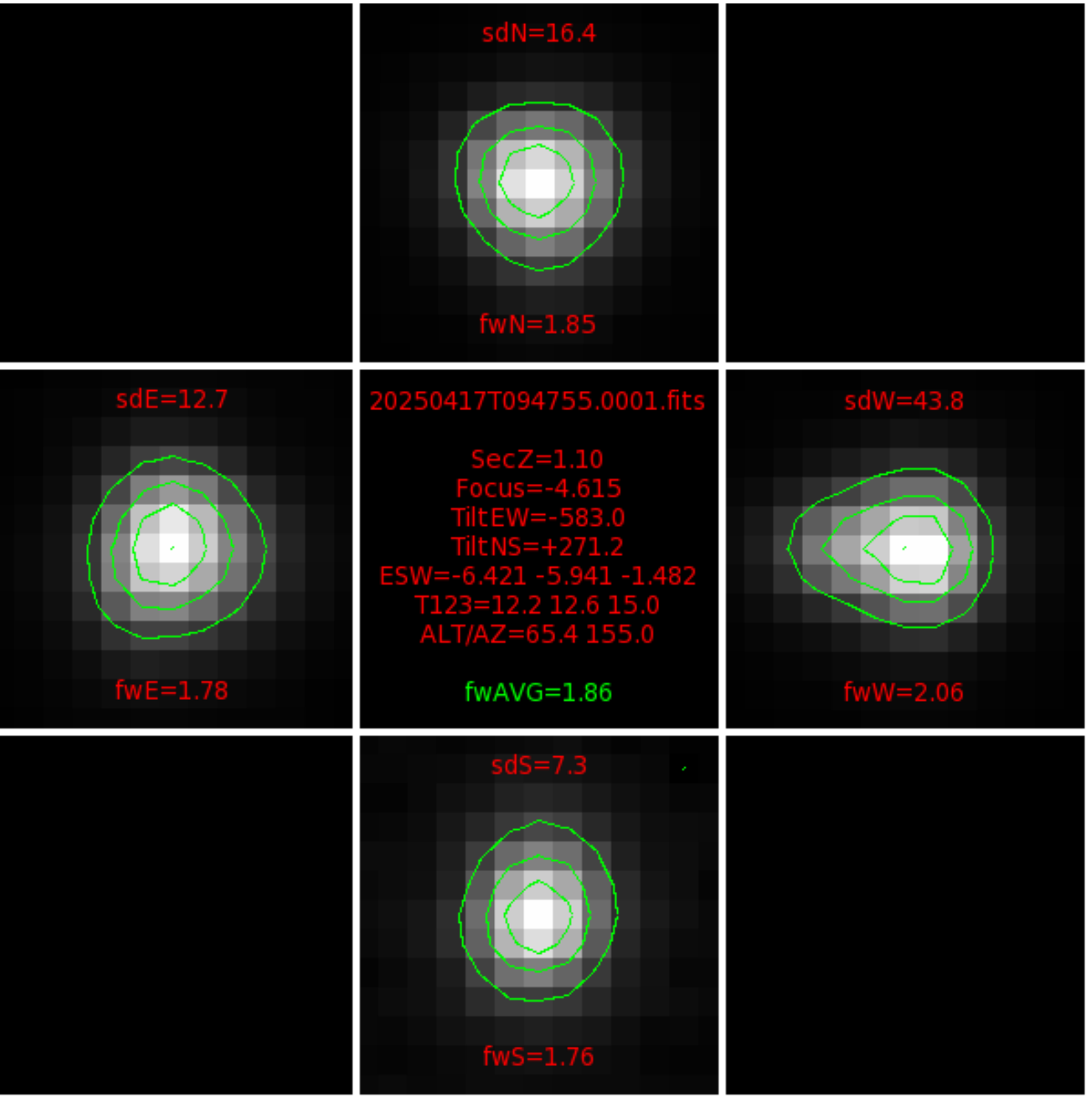
sdN=16.4
fwN=1.85
sdE=12.7
fwE=1.78
20250417T094755.0001.fits
SecZ=1.10
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.2 12.6 15.0
ALT/AZ=65.4 155.0
fwAVG=1.86
sdW=43.8
fwW=2.06
sdS=7.3
fwS=1.76
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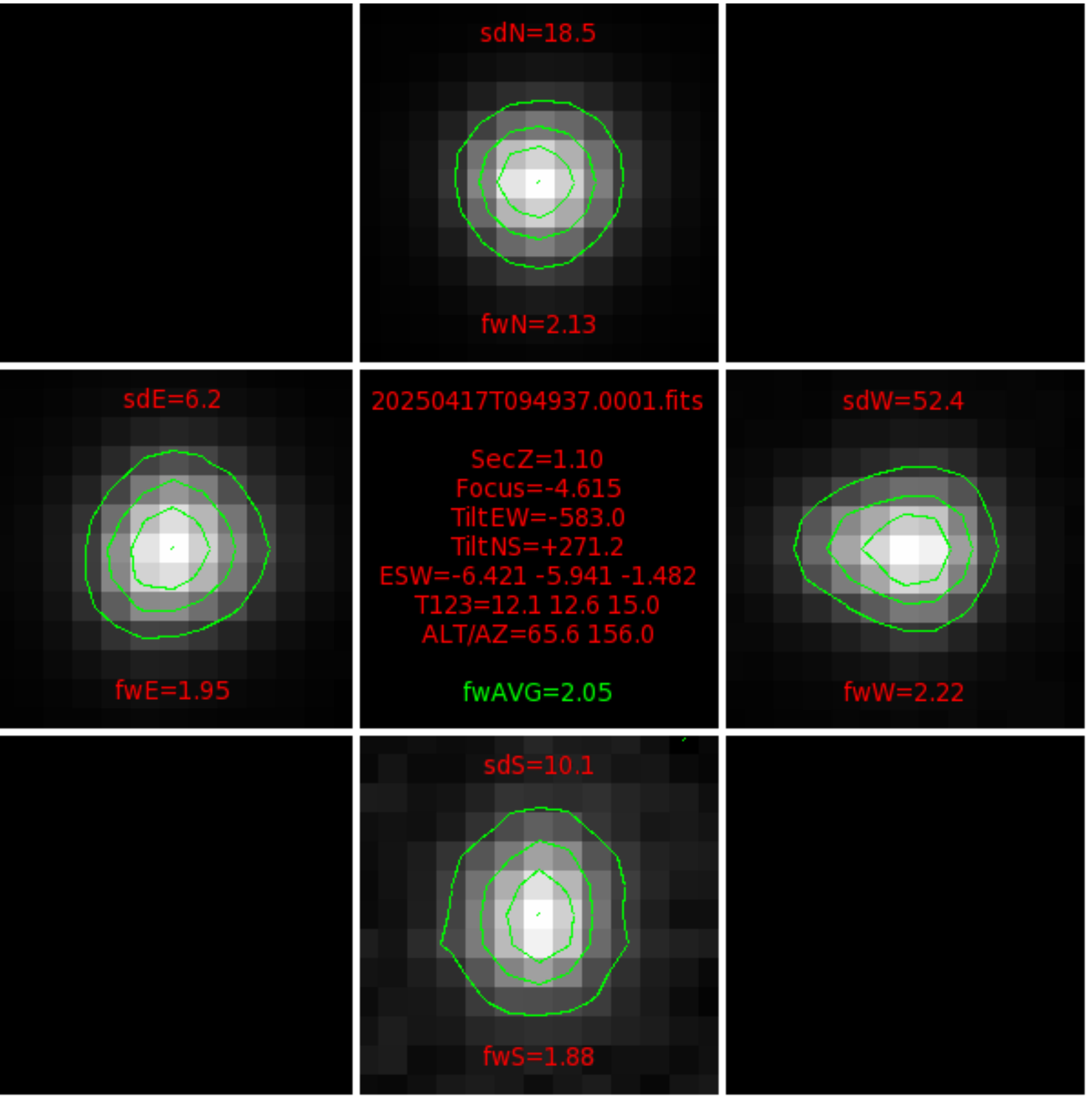
sdN=18.5
fwN=2.13
sdE=6.2
fwE=1.95
20250417T094937.0001.fits
SecZ=1.10
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.1 12.6 15.0
ALT/AZ=65.6 156.0
fwAVG=2.05
sdW=52.4
fwW=2.22
sdS=10.1
fwS=1.88
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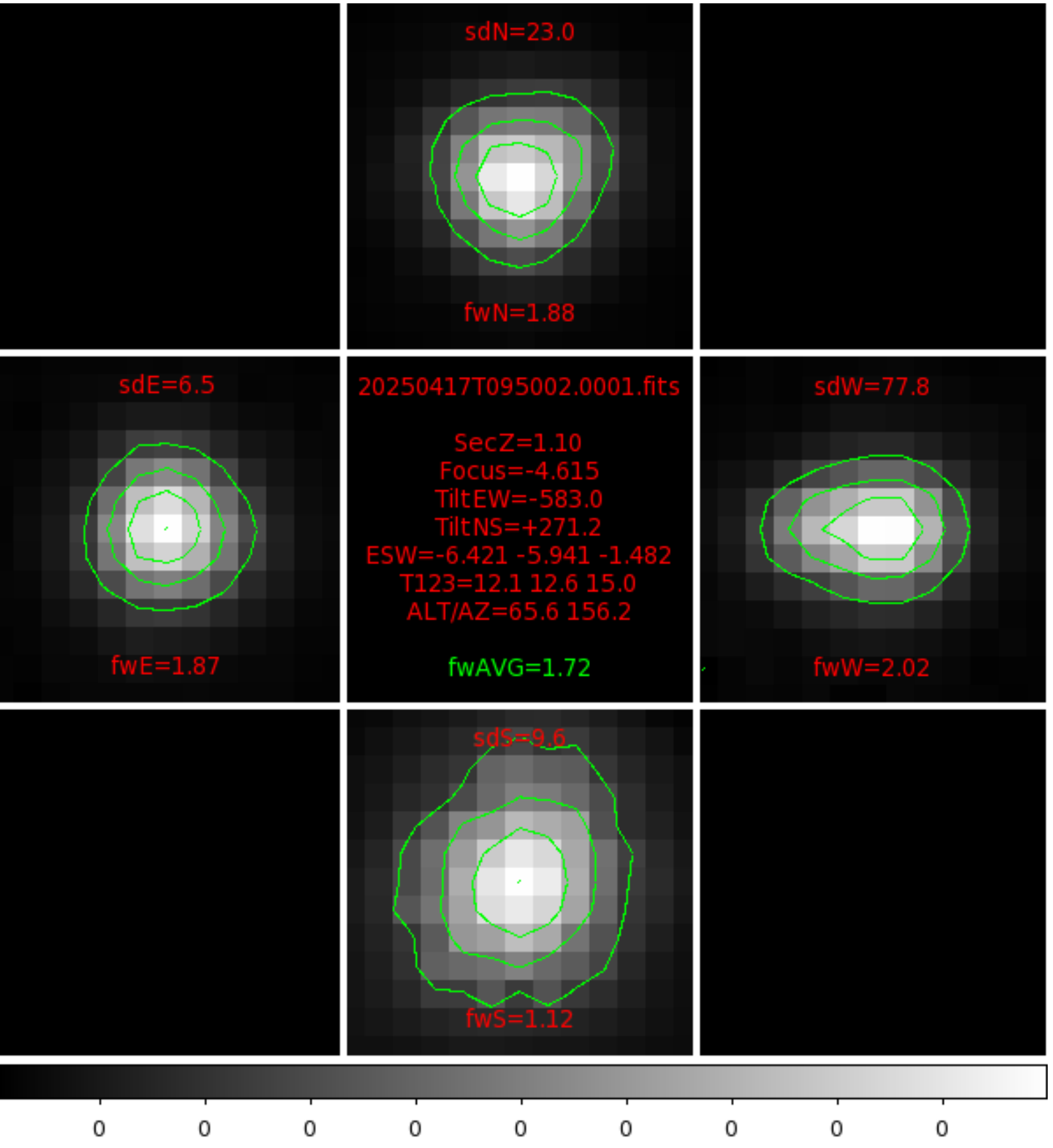
sdN=23.0
fwN=1.88
sdE=6.5
fwE=1.87
20250417T095002.0001.fits
SecZ=1.10
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.1 12.6 15.0
ALT/AZ=65.6 156.2
fwAVG=1.72
sdW=77.8
fwW=2.02
sdS=9.6
fwS=1.12
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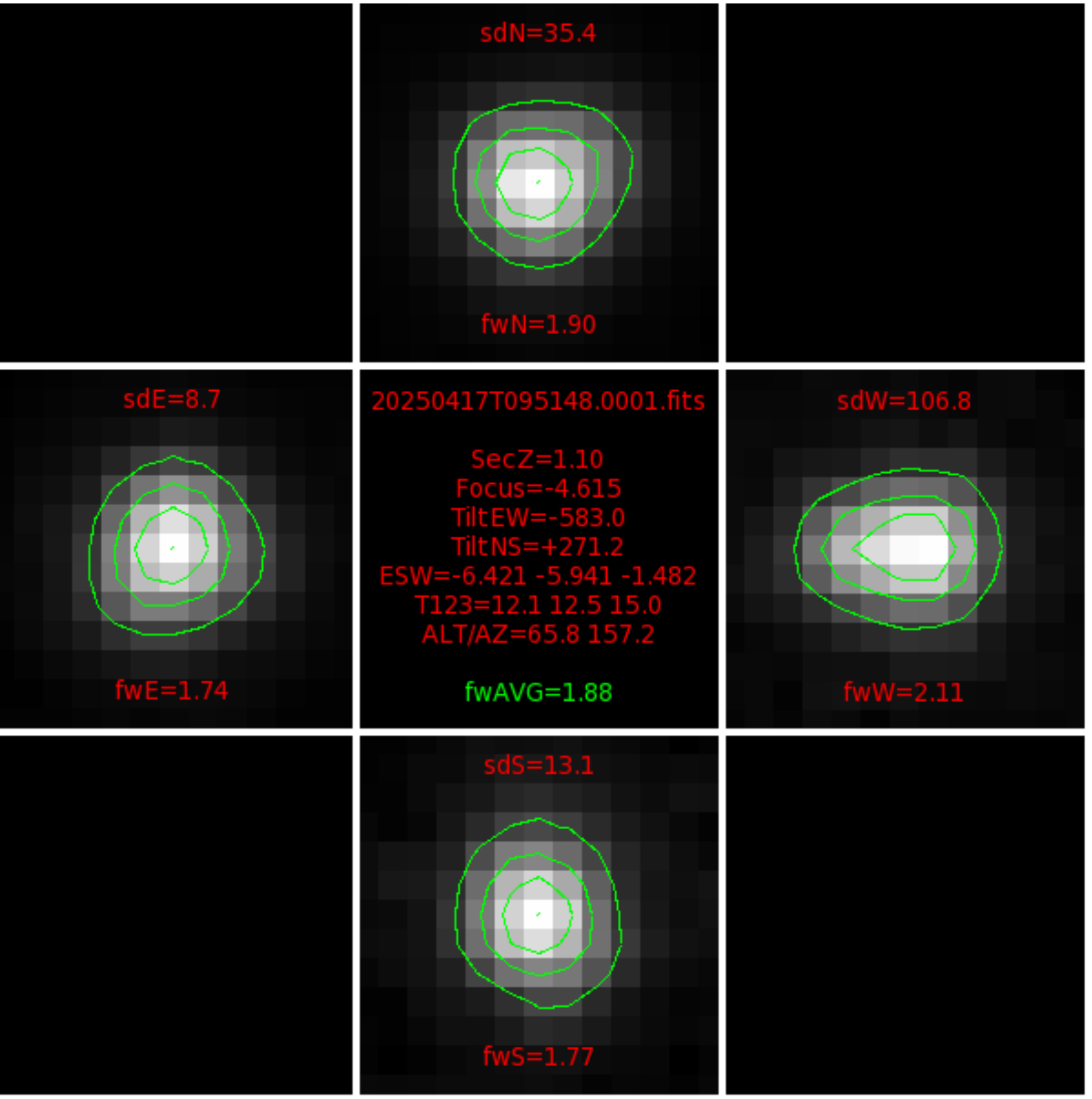
sdN=35.4
fwN=1.90
sdE=8.7
fwE=1.74
20250417T095148.0001.fits
SecZ=1.10
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.1 12.5 15.0
ALT/AZ=65.8 157.2
fwAVG=1.88
sdW=106.8
fwW=2.11
sdS=13.1
fwS=1.77
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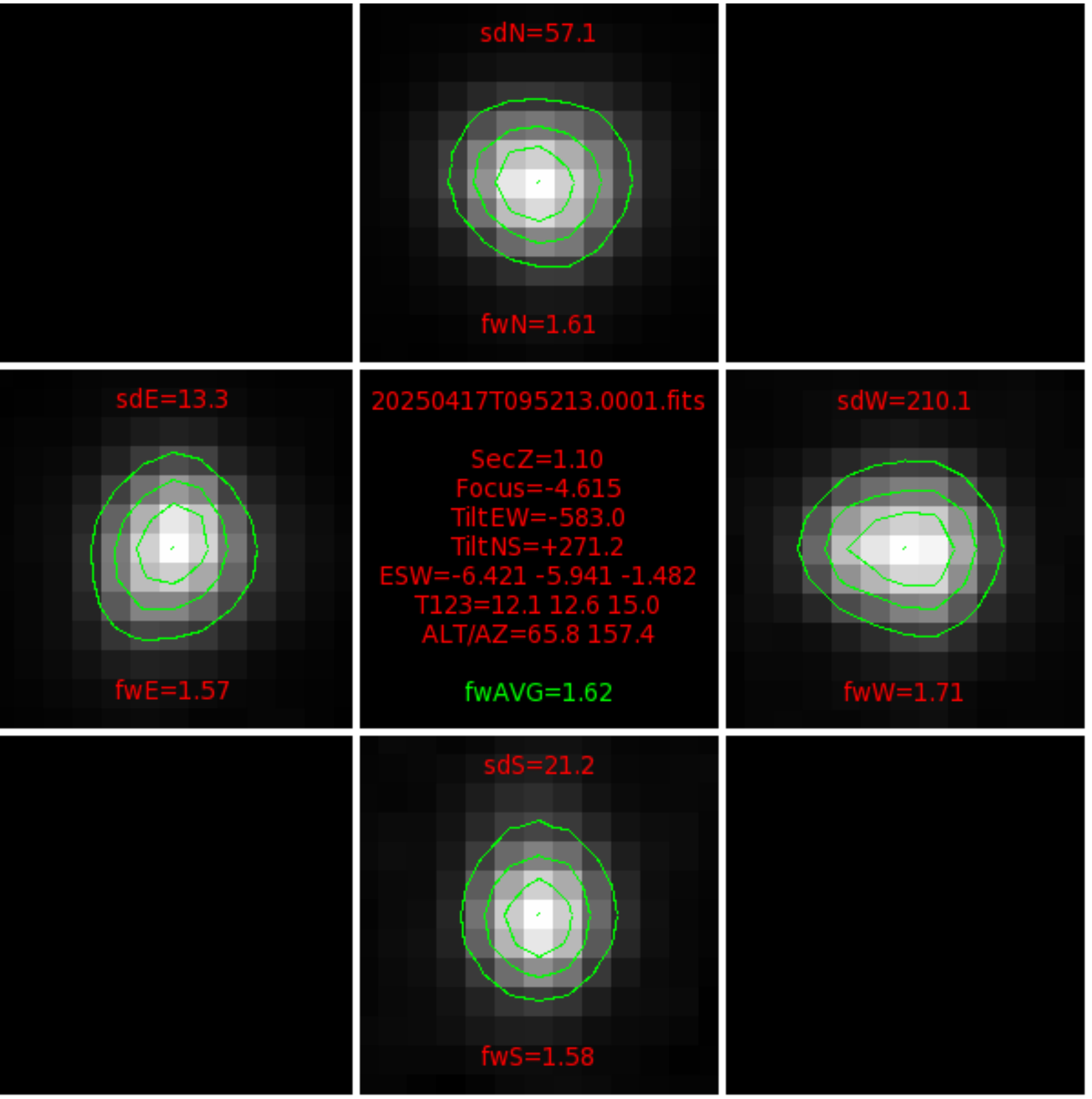
sdN=57.1
fwN=1.61
sdE=13.3
fwE=1.57
20250417T095213.0001.fits
SecZ=1.10
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.1 12.6 15.0
ALT/AZ=65.8 157.4
fwAVG=1.62
sdW=210.1
fwW=1.71
sdS=21.2
fwS=1.58
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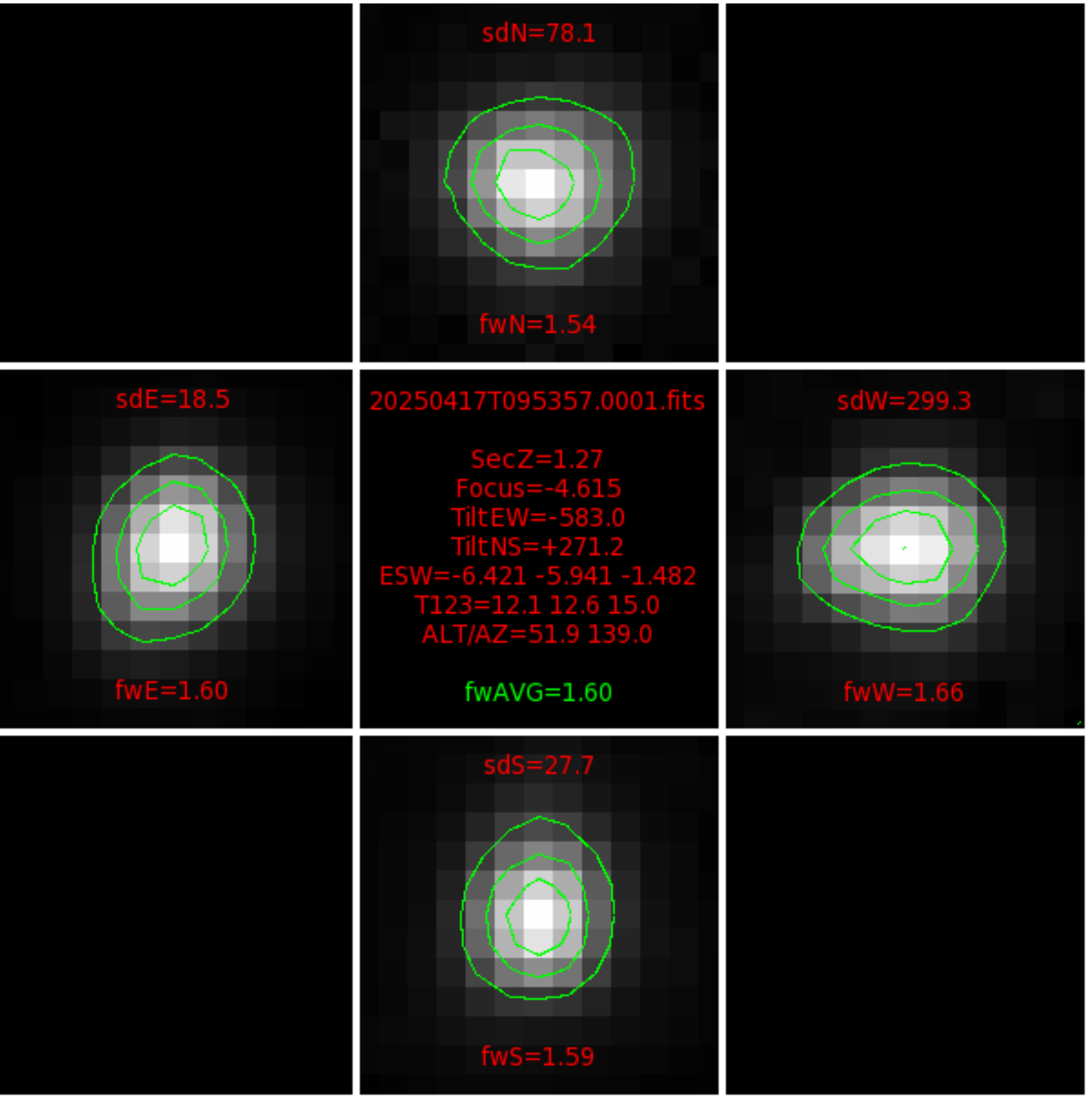
sdN=78.1
fwN=1.54
sdE=18.5
fwE=1.60
20250417T095357.0001.fits
SecZ=1.27
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.1 12.6 15.0
ALT/AZ=51.9 139.0
fwAVG=1.60
sdW=299.3
fwW=1.66
sdS=27.7
fwS=1.59
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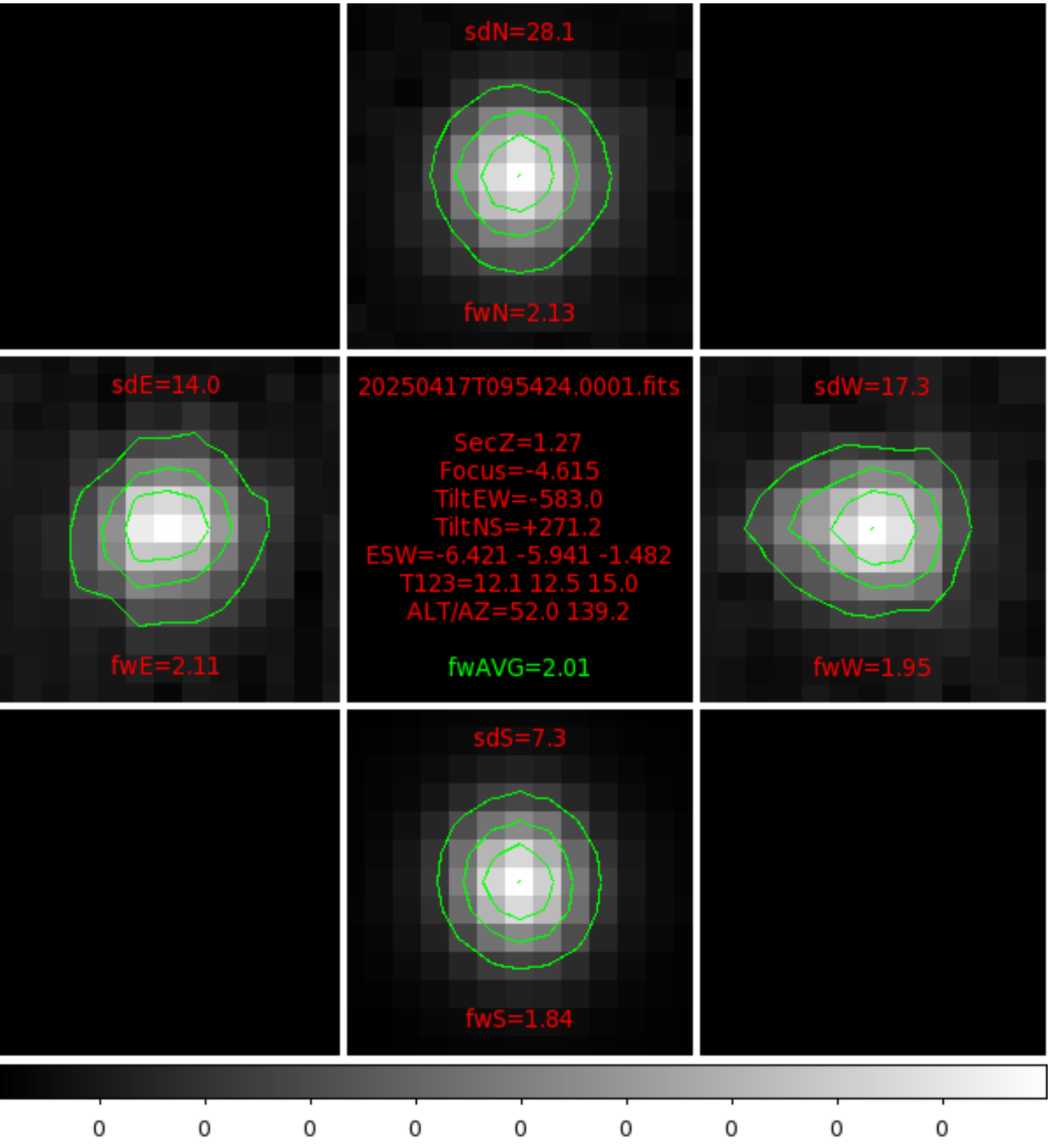
sdN=28.1
fwN=2.13
sdE=14.0
fwE=2.11
20250417T095424.0001.fits
SecZ=1.27
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.1 12.5 15.0
ALT/AZ=52.0 139.2
fwAVG=2.01
sdW=17.3
fwW=1.95
sdS=7.3
fwS=1.84
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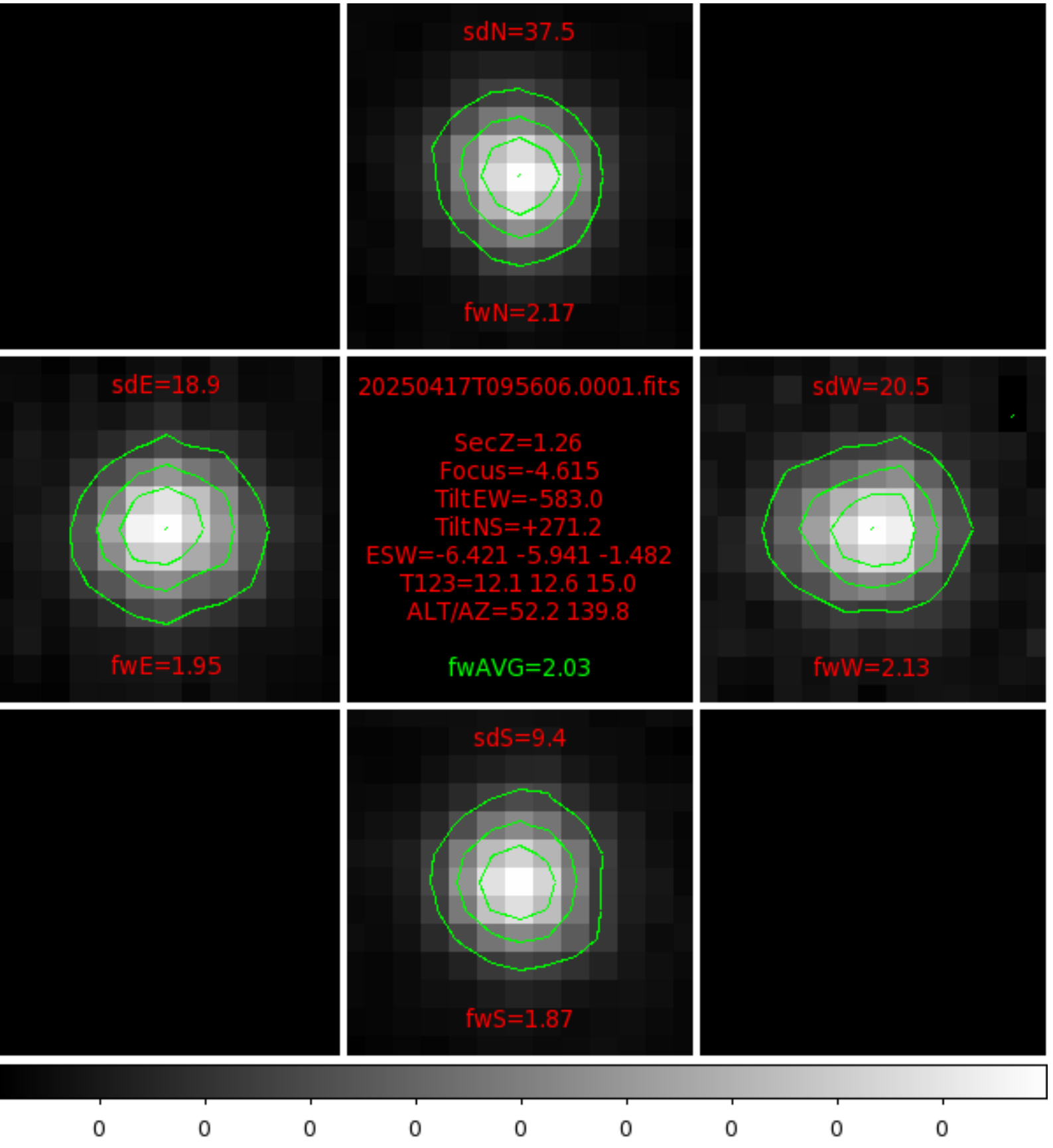
sdN=37.5
fwN=2.17
sdE=18.9
fwE=1.95
20250417T095606.0001.fits
SecZ=1.26
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.1 12.6 15.0
ALT/AZ=52.2 139.8
fwAVG=2.03
sdW=20.5
fwW=2.13
sdS=9.4
fwS=1.87
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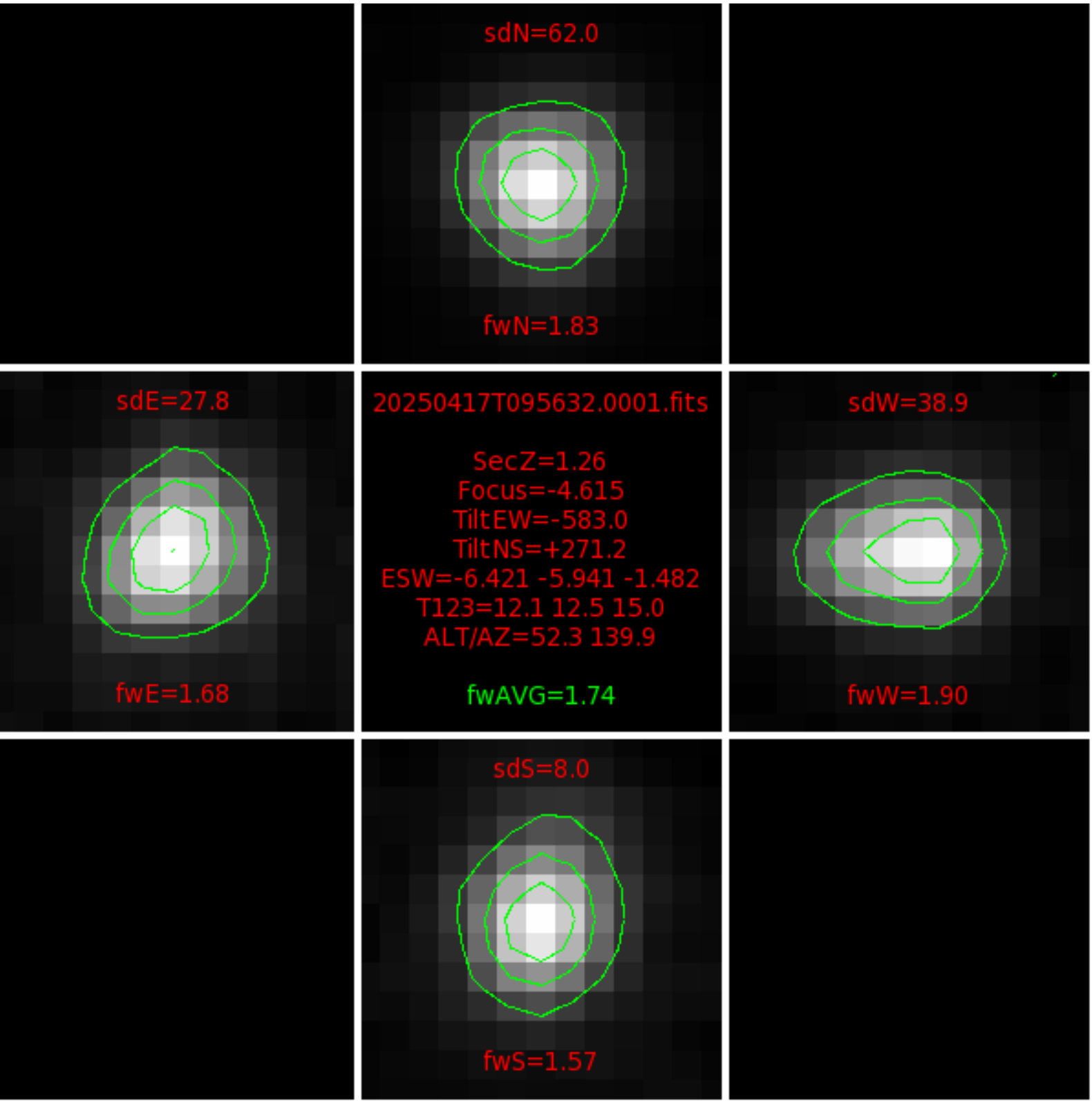
sdN=62.0
fwN=1.83
sdE=27.8
fwE=1.68
20250417T095632.0001.fits
SecZ=1.26
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.1 12.5 15.0
ALT/AZ=52.3 139.9
fwAVG=1.74
sdW=38.9
fwW=1.90
sdS=8.0
fwS=1.57
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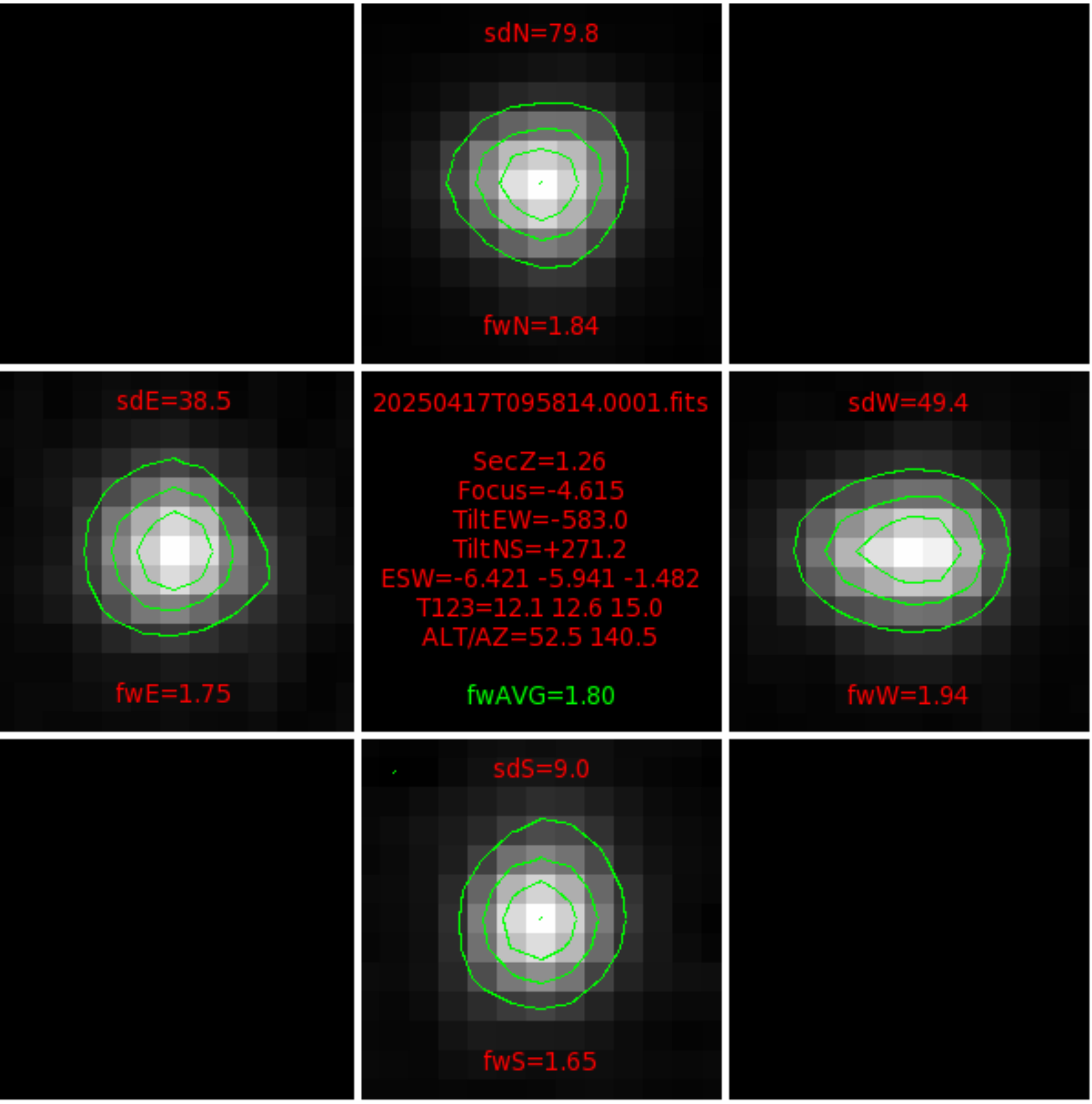
sdN=79.8
fwN=1.84
sdE=38.5
fwE=1.75
20250417T095814.0001.fits
SecZ=1.26
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.1 12.6 15.0
ALT/AZ=52.5 140.5
fwAVG=1.80
sdW=49.4
fwW=1.94
sdS=9.0
fwS=1.65
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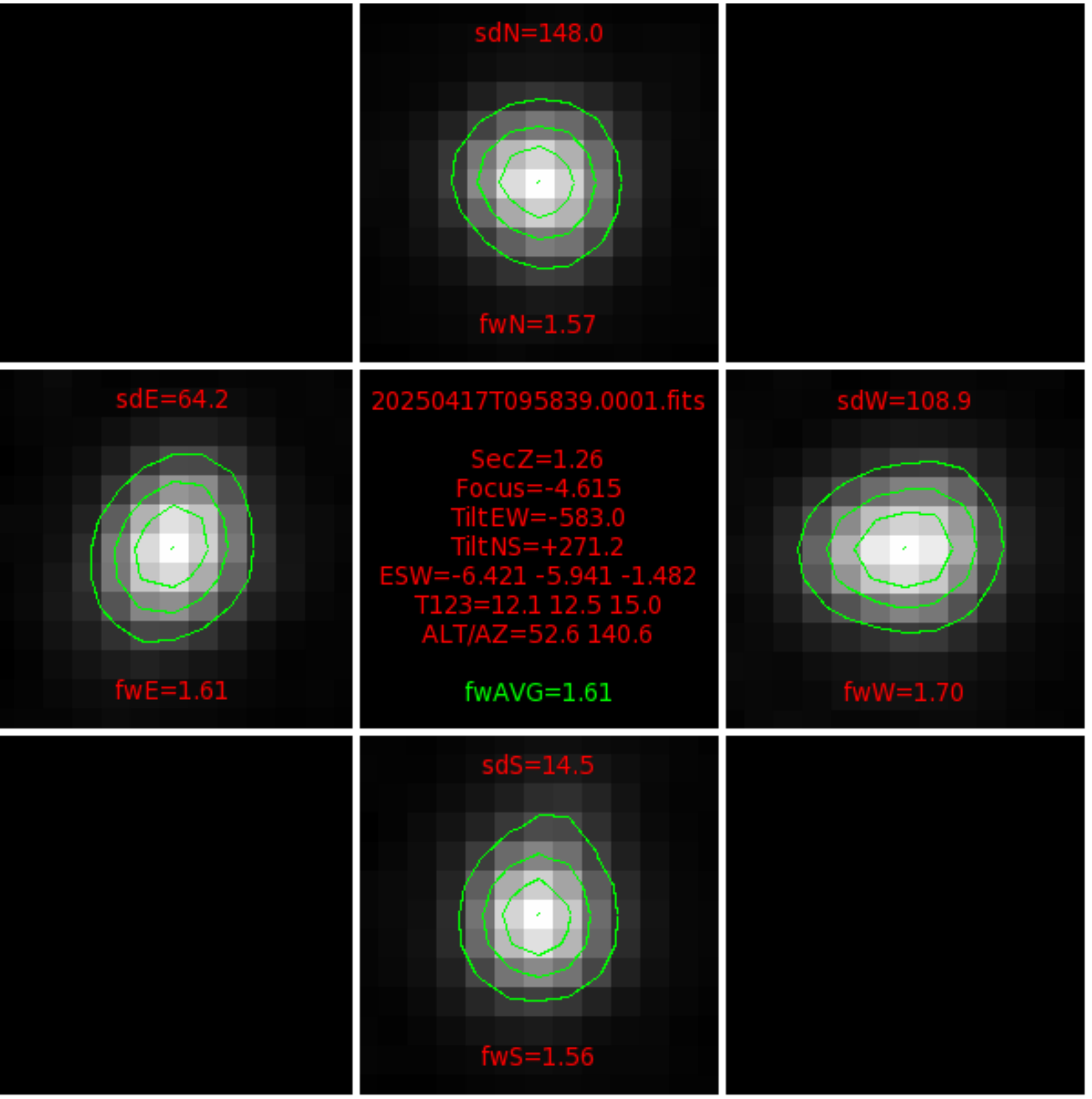
sdN=148.0
fwN=1.57
sdE=64.2
fwE=1.61
20250417T095839.0001.fits
SecZ=1.26
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.1 12.5 15.0
ALT/AZ=52.6 140.6
fwAVG=1.61
sdW=108.9
fwW=1.70
sdS=14.5
fwS=1.56
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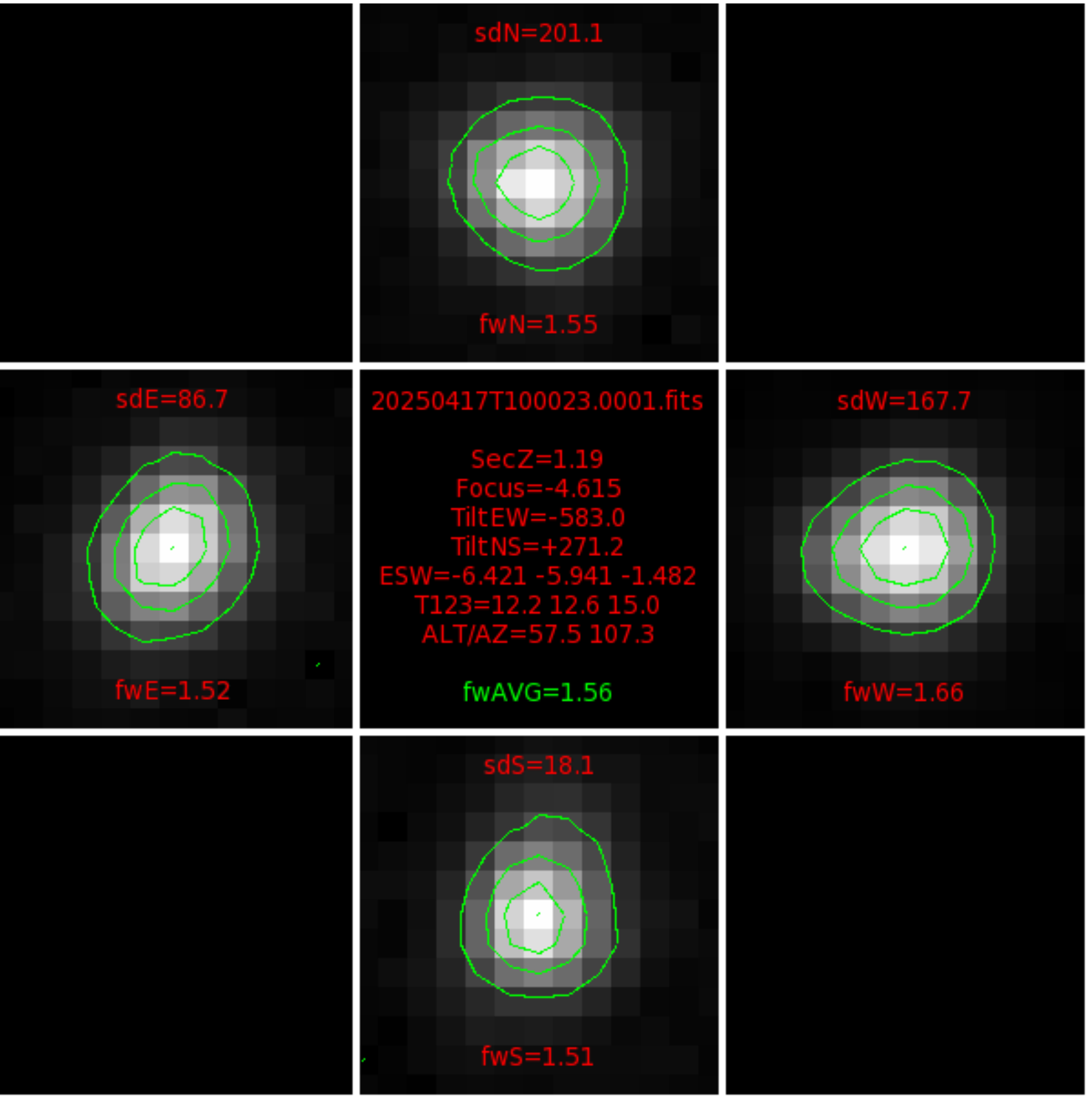
sdN=201.1
fwN=1.55
sdE=86.7
fwE=1.52
20250417T100023.0001.fits
SecZ=1.19
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.2 12.6 15.0
ALT/AZ=57.5 107.3
fwAVG=1.56
sdW=167.7
fwW=1.66
sdS=18.1
fwS=1.51
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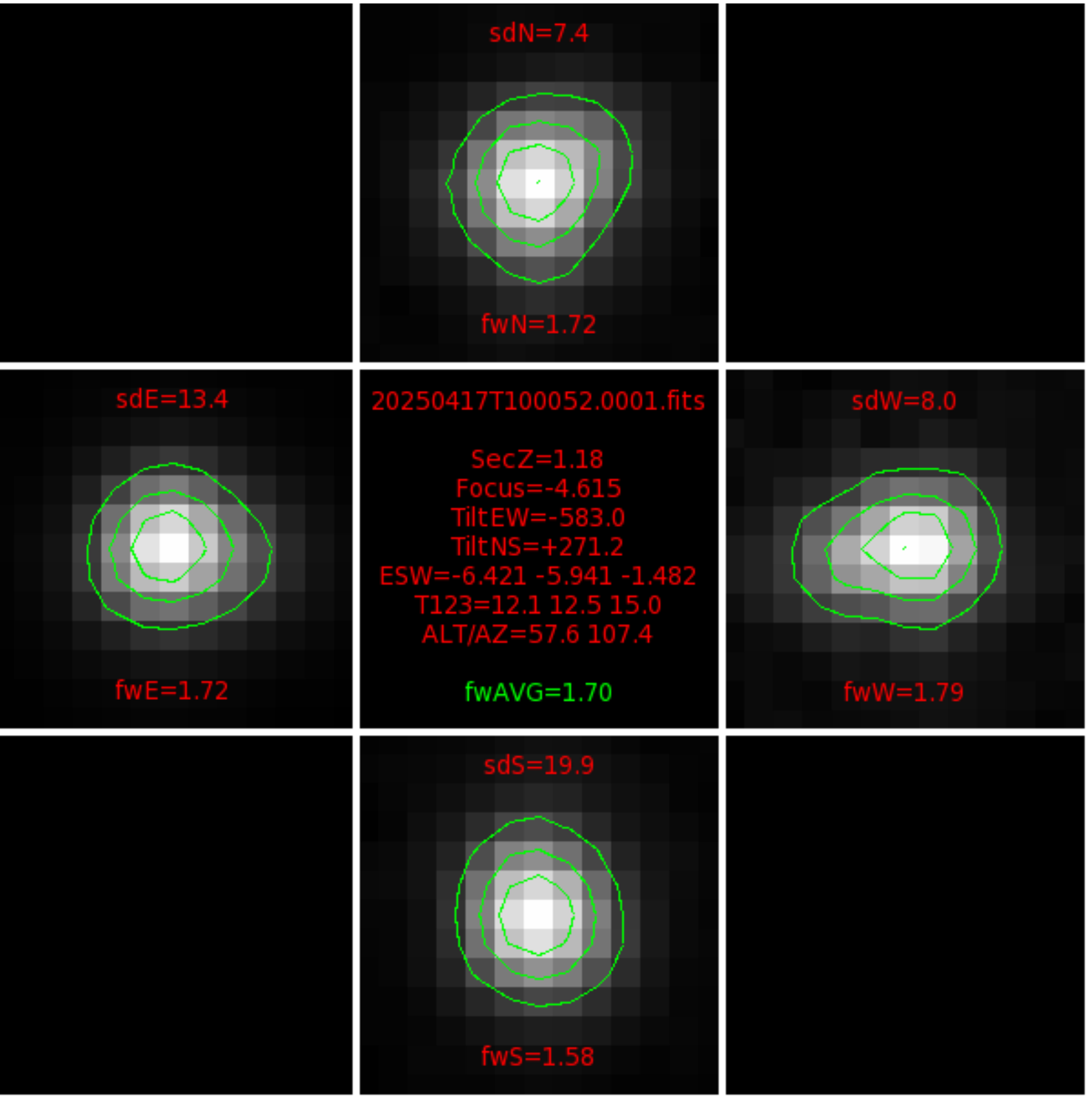
sdN=7.4
fwN=1.72
sdE=13.4
fwE=1.72
20250417T100052.0001.fits
SecZ=1.18
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.1 12.5 15.0
ALT/AZ=57.6 107.4
fwAVG=1.70
sdW=8.0
fwW=1.79
sdS=19.9
fwS=1.58
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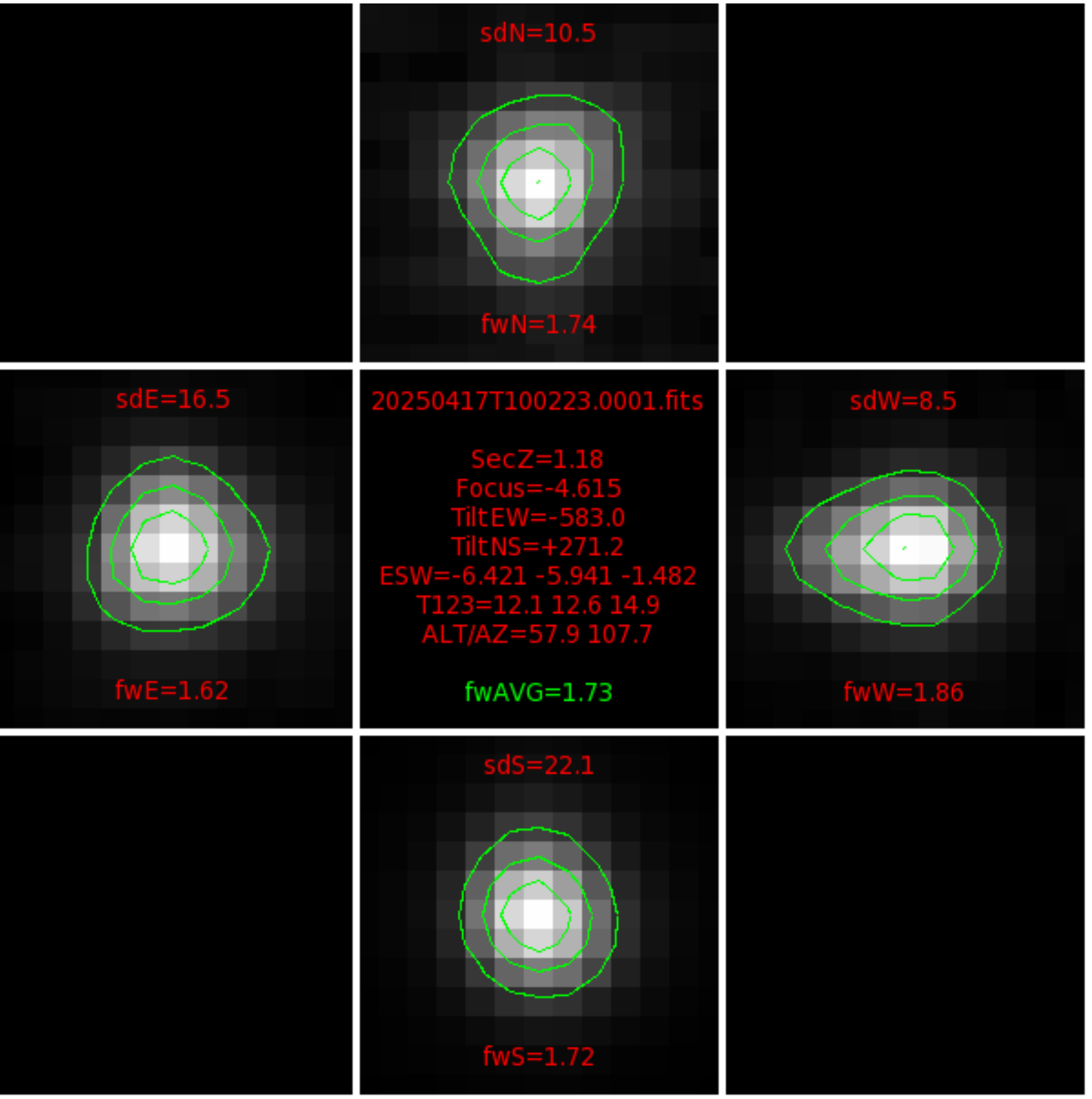
sdN=10.5
fwN=1.74
sdE=16.5
fwE=1.62
20250417T100223.0001.fits
SecZ=1.18
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.1 12.6 14.9
ALT/AZ=57.9 107.7
fwAVG=1.73
sdW=8.5
fwW=1.86
sdS=22.1
fwS=1.72
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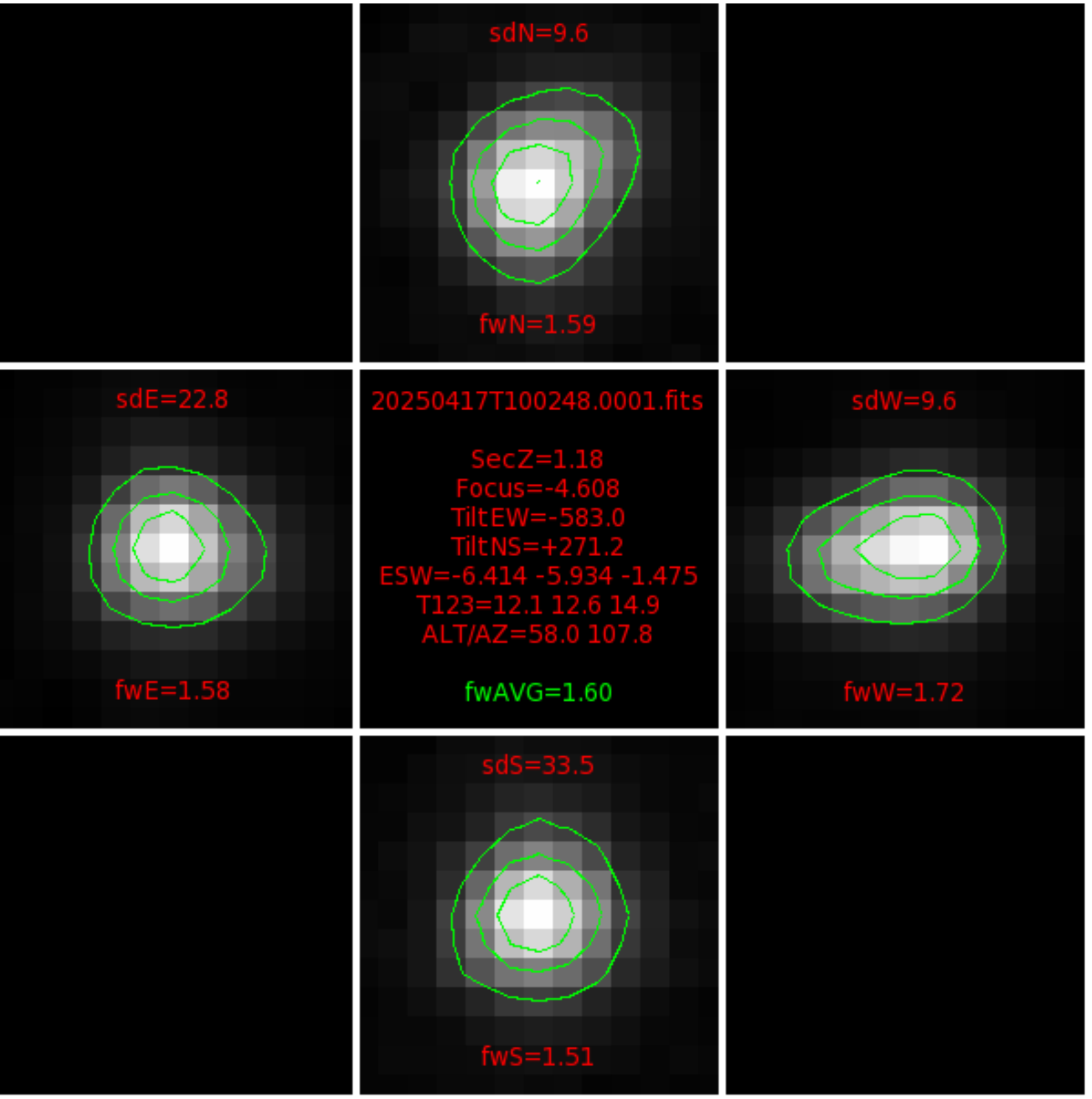
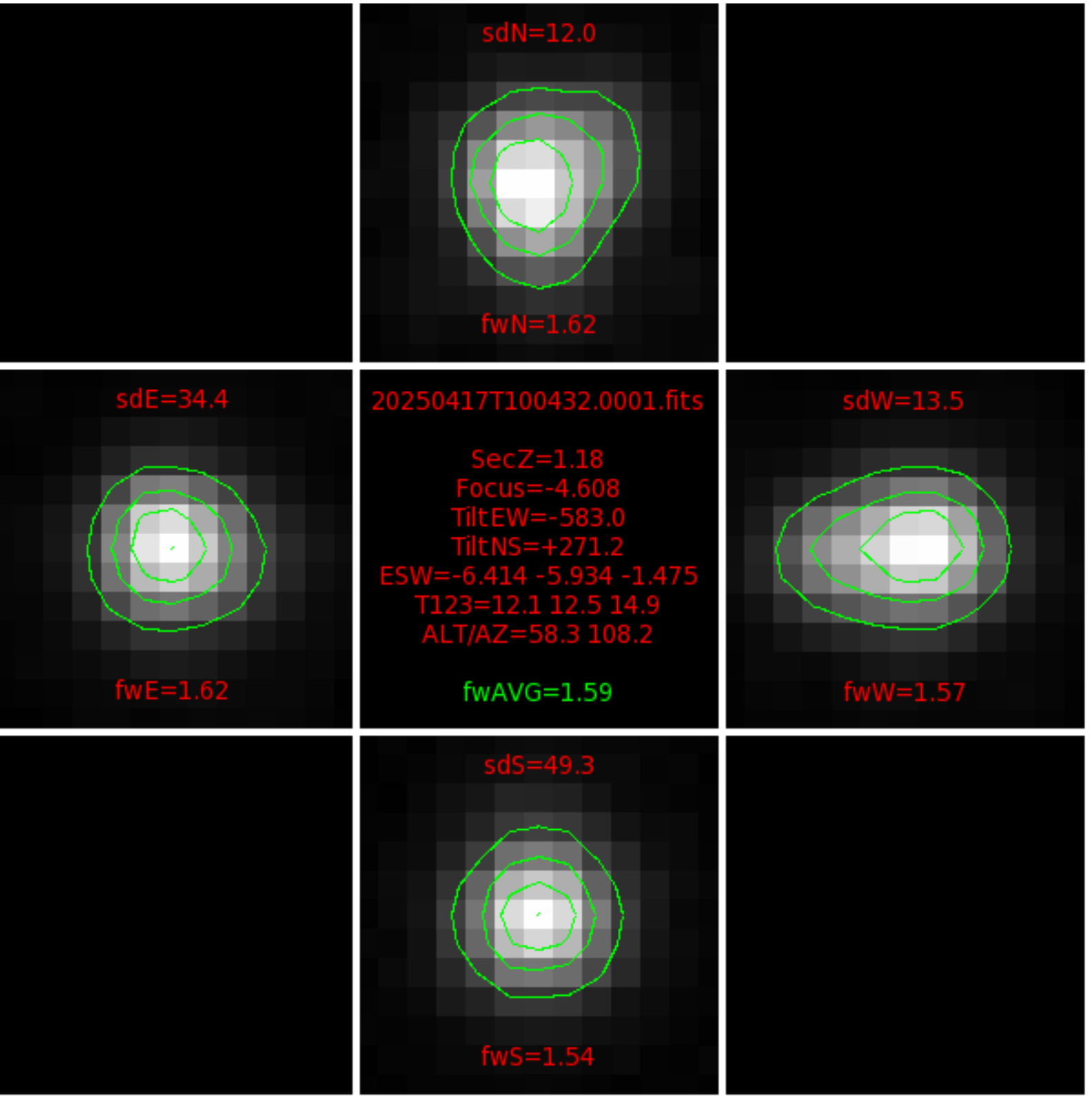

sdN=9.6
fwN=1.59
sdE=22.8
fwE=1.58
20250417T100248.0001.fits
SecZ=1.18
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.1 12.6 14.9
ALT/AZ=58.0 107.8
fwAVG=1.60
sdW=9.6
fwW=1.72
sdS=33.5
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=12.0
fwN=1.62
sdE=34.4
fwE=1.62
20250417T100432.0001.fits
SecZ=1.18
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.1 12.5 14.9
ALT/AZ=58.3 108.2
fwAVG=1.59
sdW=13.5
fwW=1.57
sdS=49.3
fwS=1.54
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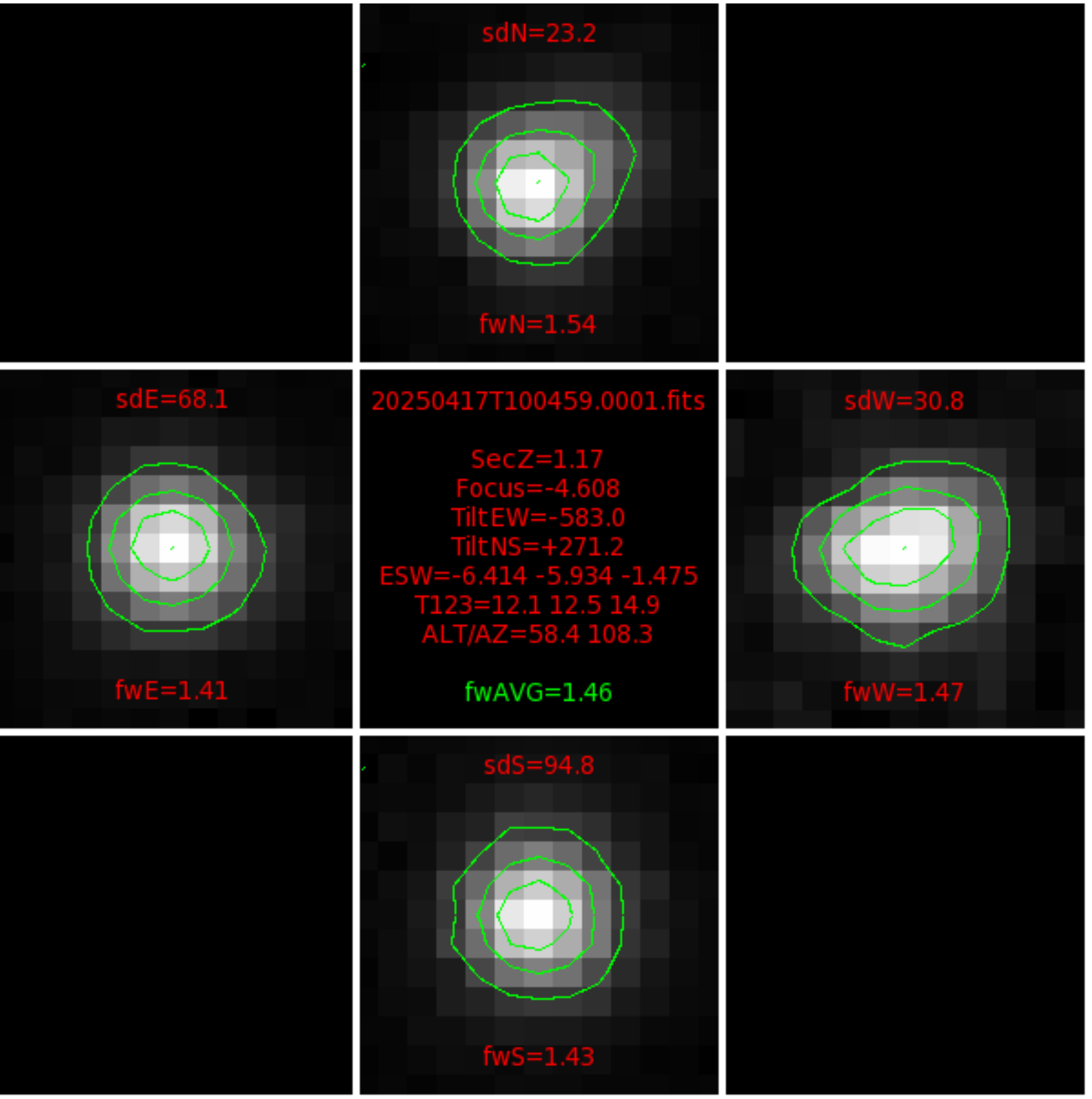
sdN=23.2
fwN=1.54
sdE=68.1
fwE=1.41
20250417T100459.0001.fits
SecZ=1.17
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.1 12.5 14.9
ALT/AZ=58.4 108.3
fwAVG=1.46
sdW=30.8
fwW=1.47
sdS=94.8
fwS=1.43
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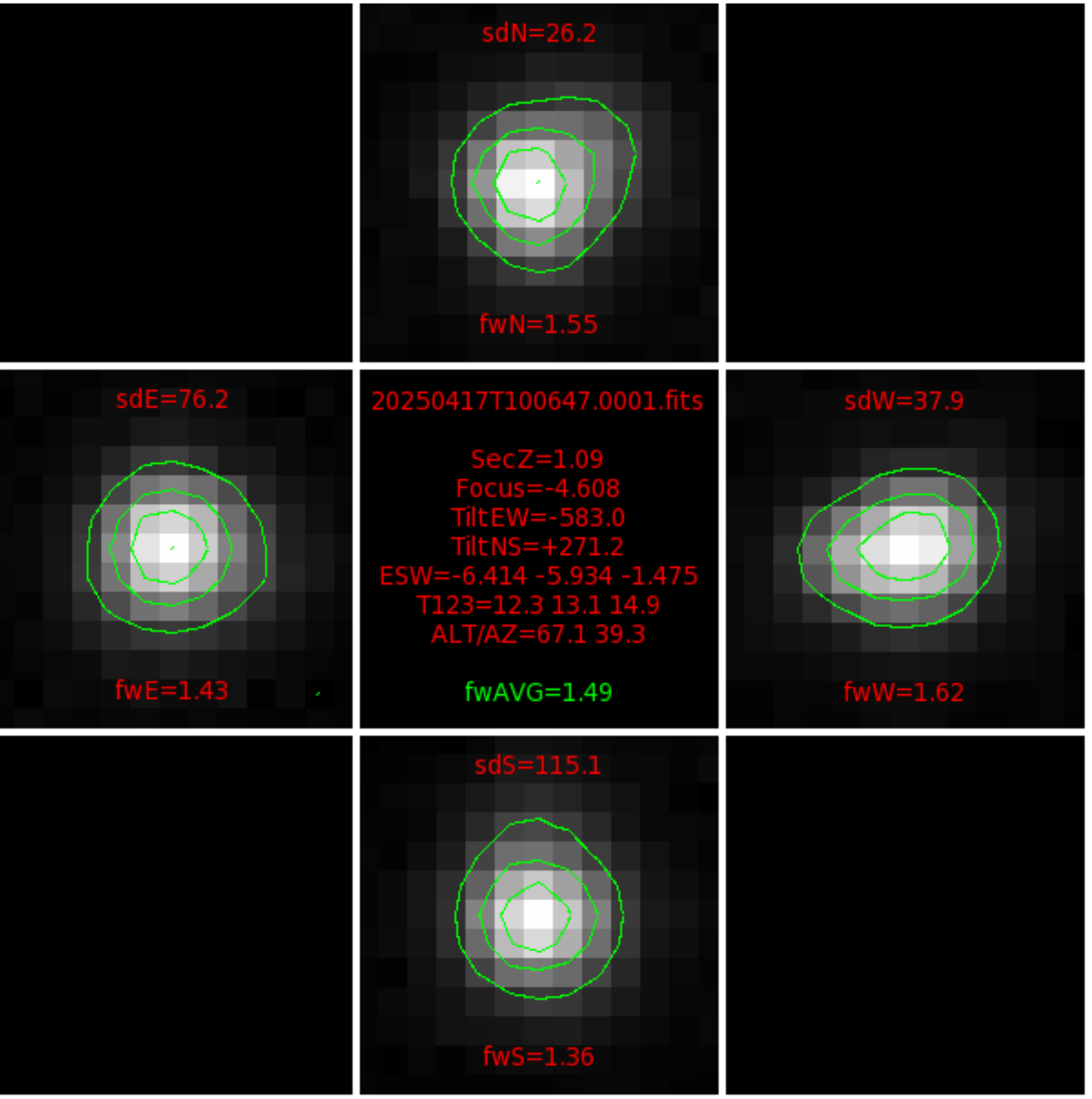
sdN=26.2
fwN=1.55
sdE=76.2
fwE=1.43
20250417T100647.0001.fits
SecZ=1.09
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.3 13.1 14.9
ALT/AZ=67.1 39.3
fwAVG=1.49
sdW=37.9
fwW=1.62
sdS=115.1
fwS=1.36
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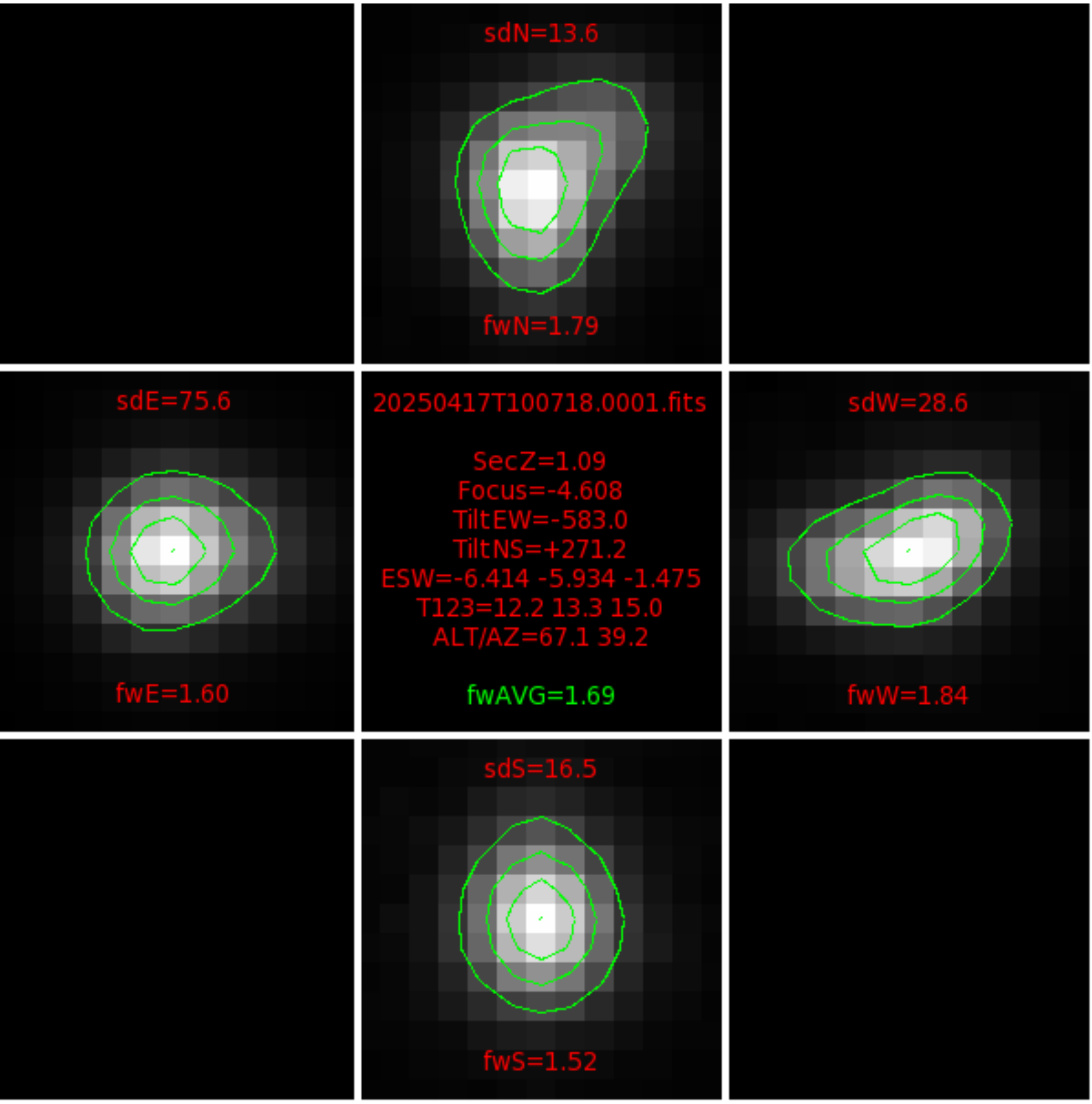
sdN=13.6
fwN=1.79
sdE=75.6
fwE=1.60
20250417T100718.0001.fits
SecZ=1.09
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.2 13.3 15.0
ALT/AZ=67.1 39.2
fwAVG=1.69
sdW=28.6
fwW=1.84
sdS=16.5
fwS=1.52
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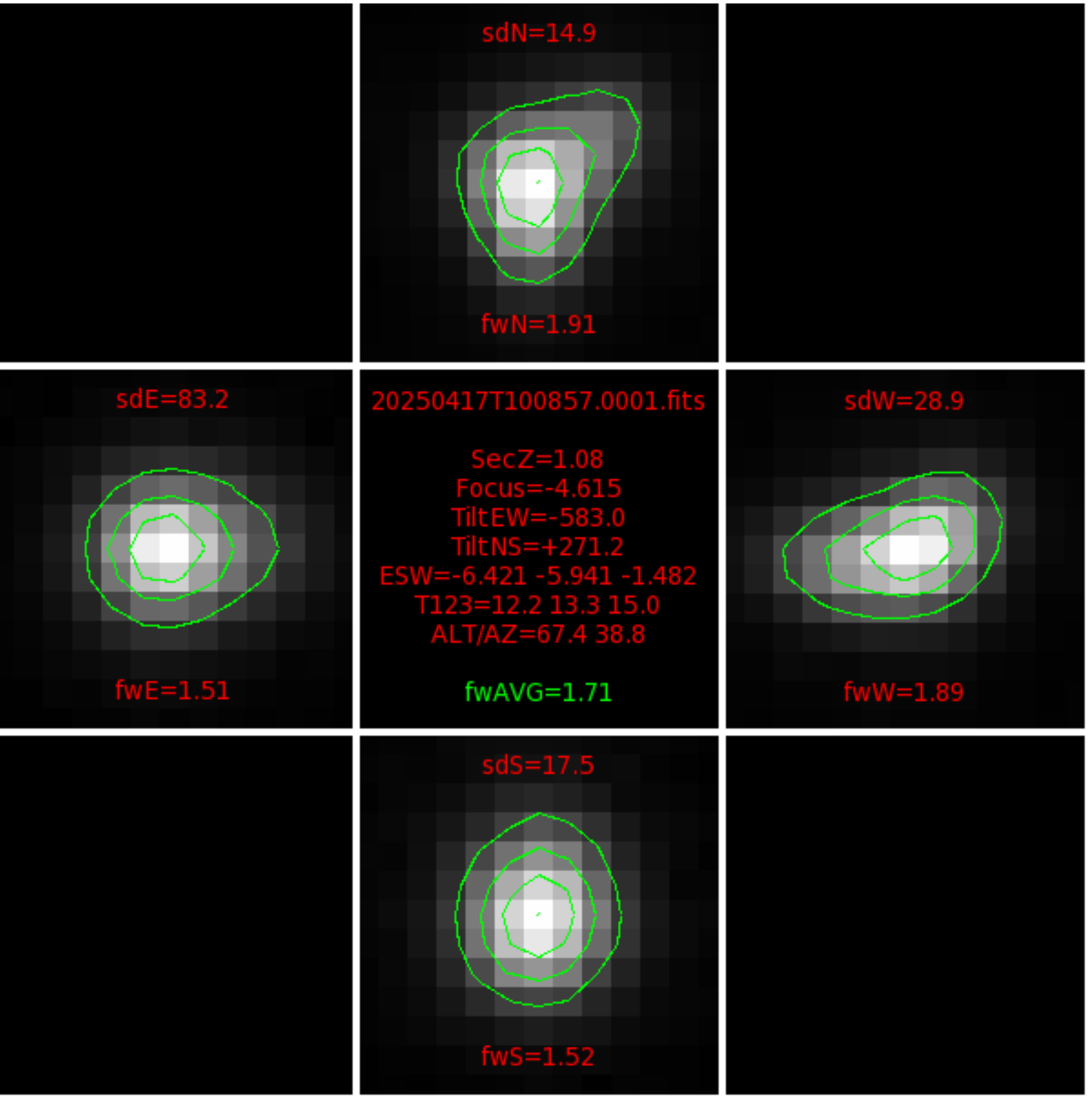
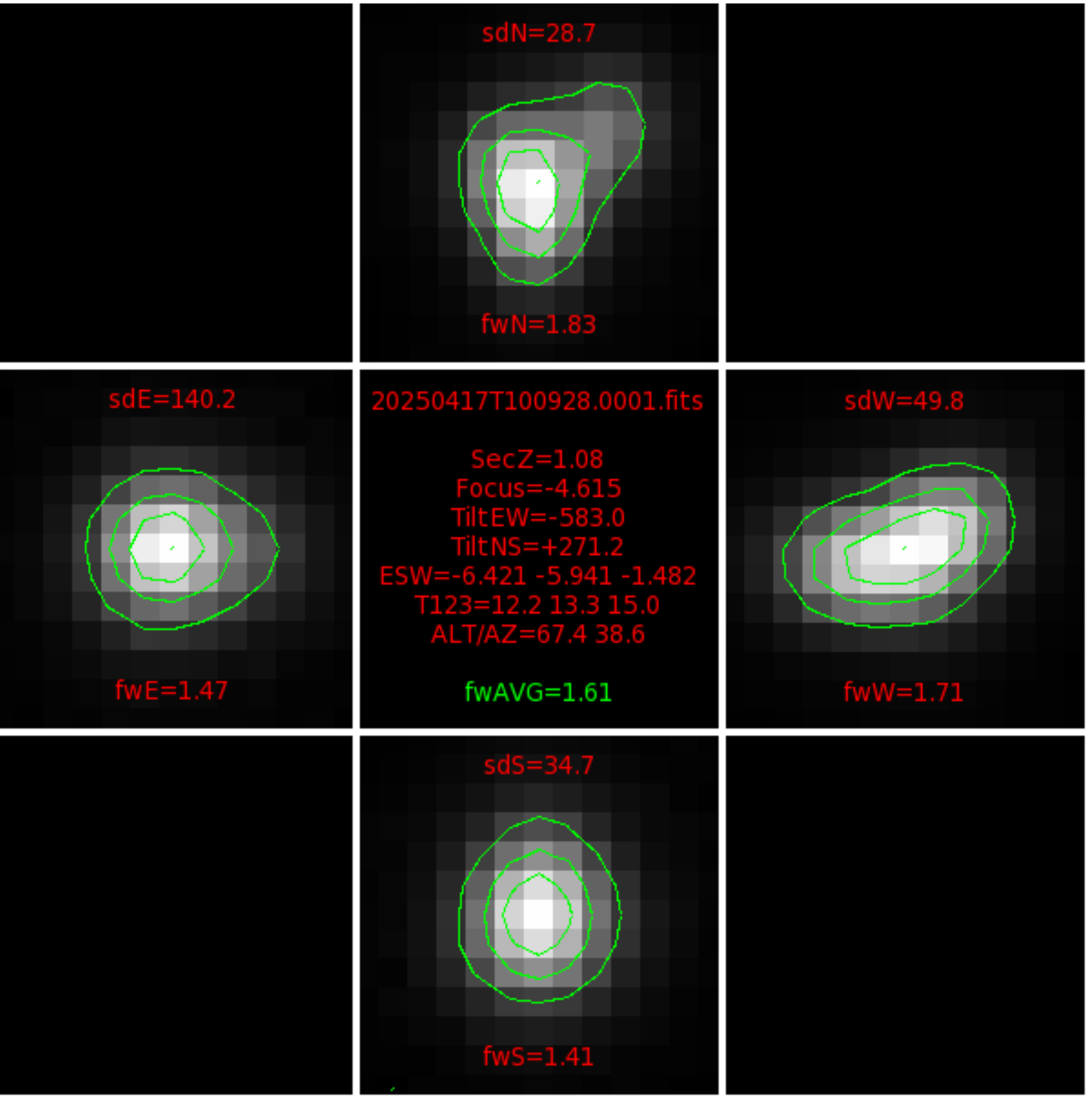

sdN=14.9
fwN=1.91
sdE=83.2
fwE=1.51
20250417T100857.0001.fits
SecZ=1.08
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.2 13.3 15.0
ALT/AZ=67.4 38.8
fwAVG=1.71
sdW=28.9
fwW=1.89
sdS=17.5
fwS=1.52
0 0 0 0 0 0 0 0 0


sdN=28.7
fwN=1.83
sdE=140.2
fwE=1.47
20250417T100928.0001.fits
SecZ=1.08
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.2 13.3 15.0
ALT/AZ=67.4 38.6
fwAVG=1.61
sdW=49.8
fwW=1.71
sdS=34.7
fwS=1.41
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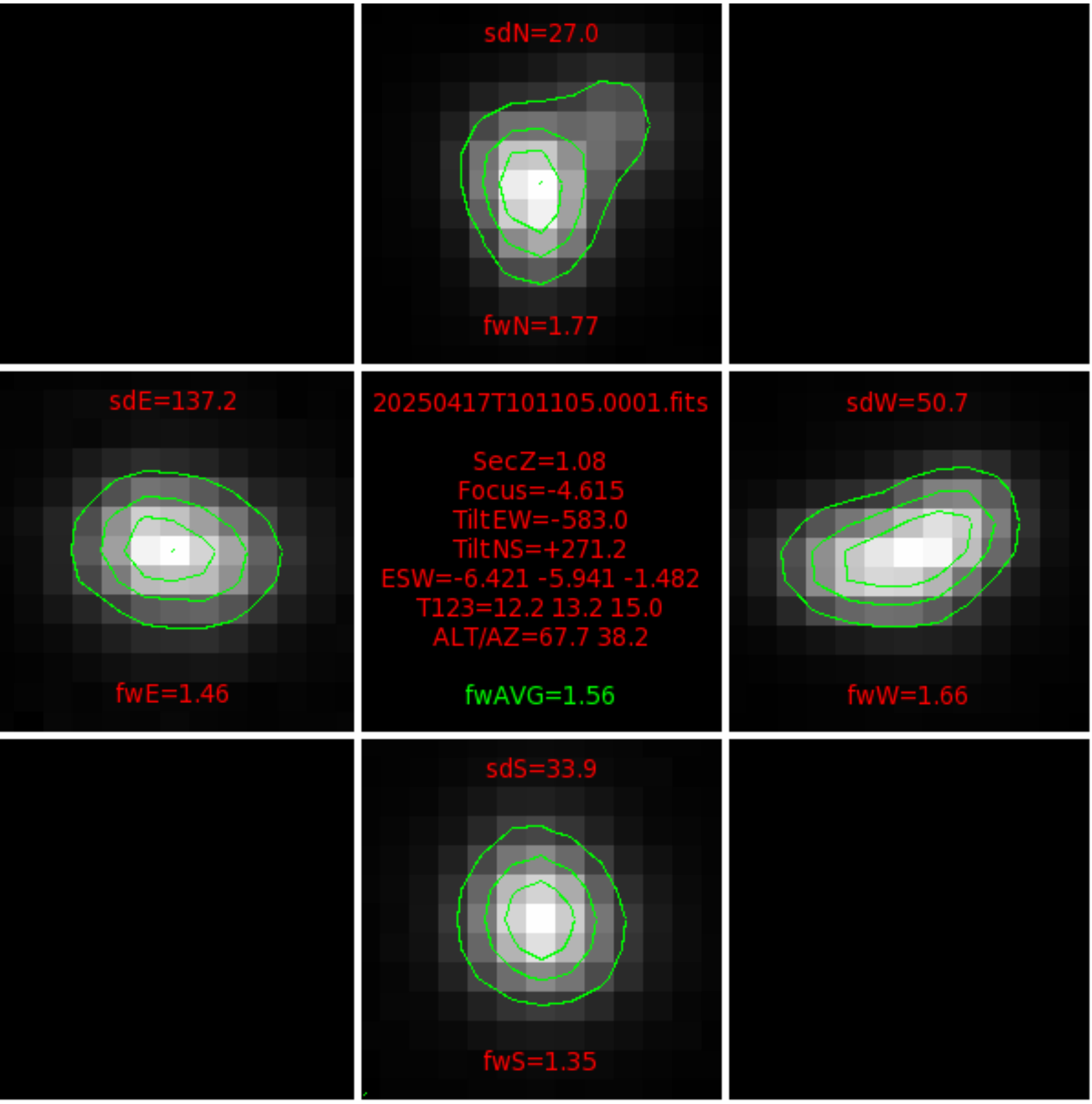
sdN=27.0
fwN=1.77
sdE=137.2
fwE=1.46
20250417T101105.0001.fits
SecZ=1.08
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.2 13.2 15.0
ALT/AZ=67.7 38.2
fwAVG=1.56
sdW=50.7
fwW=1.66
sdS=33.9
fwS=1.35
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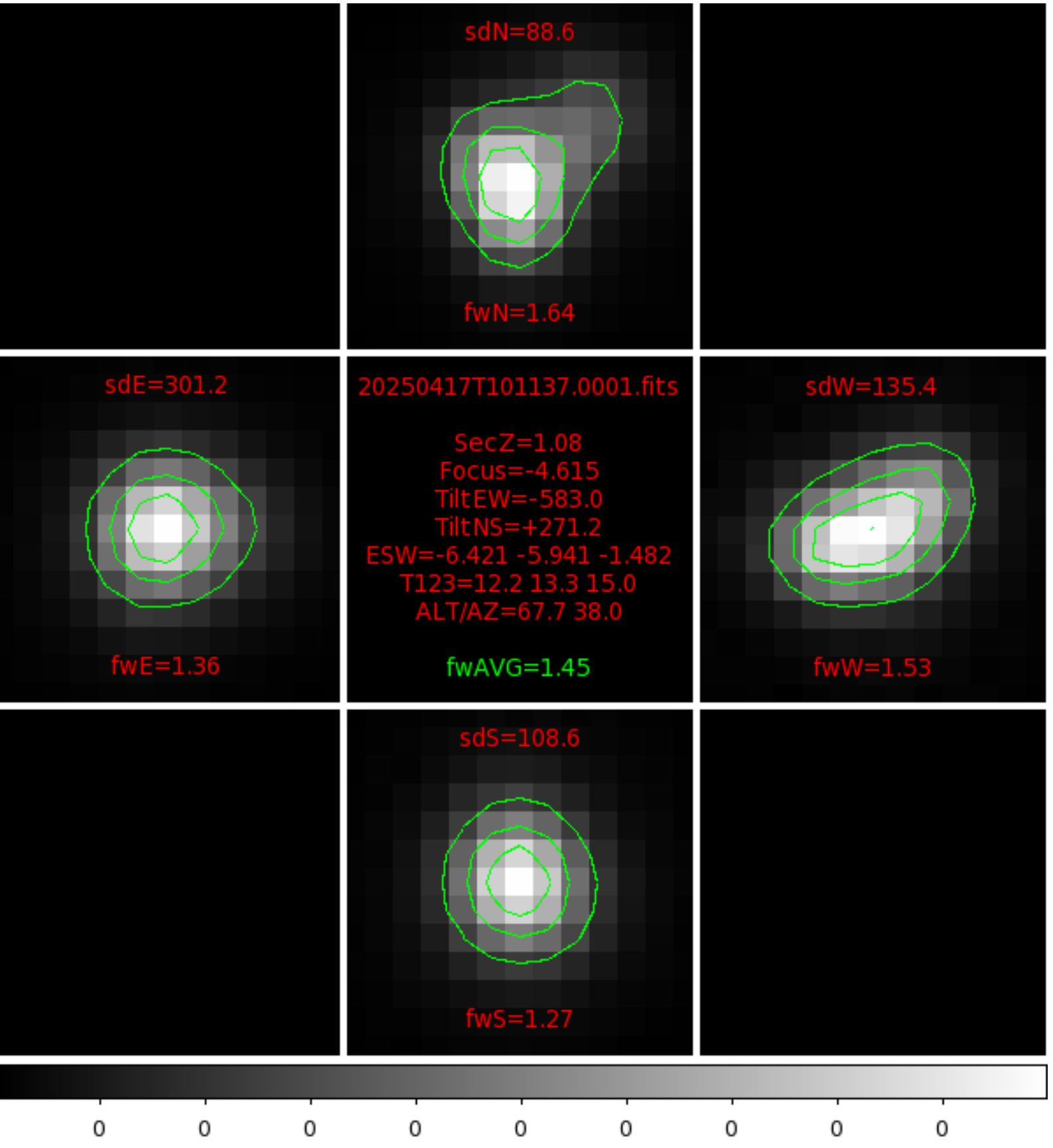
sdN=88.6
fwN=1.64
sdE=301.2
fwE=1.36
20250417T101137.0001.fits
SecZ=1.08
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.2 13.3 15.0
ALT/AZ=67.7 38.0
fwAVG=1.45
sdW=135.4
fwW=1.53
sdS=108.6
fwS=1.27
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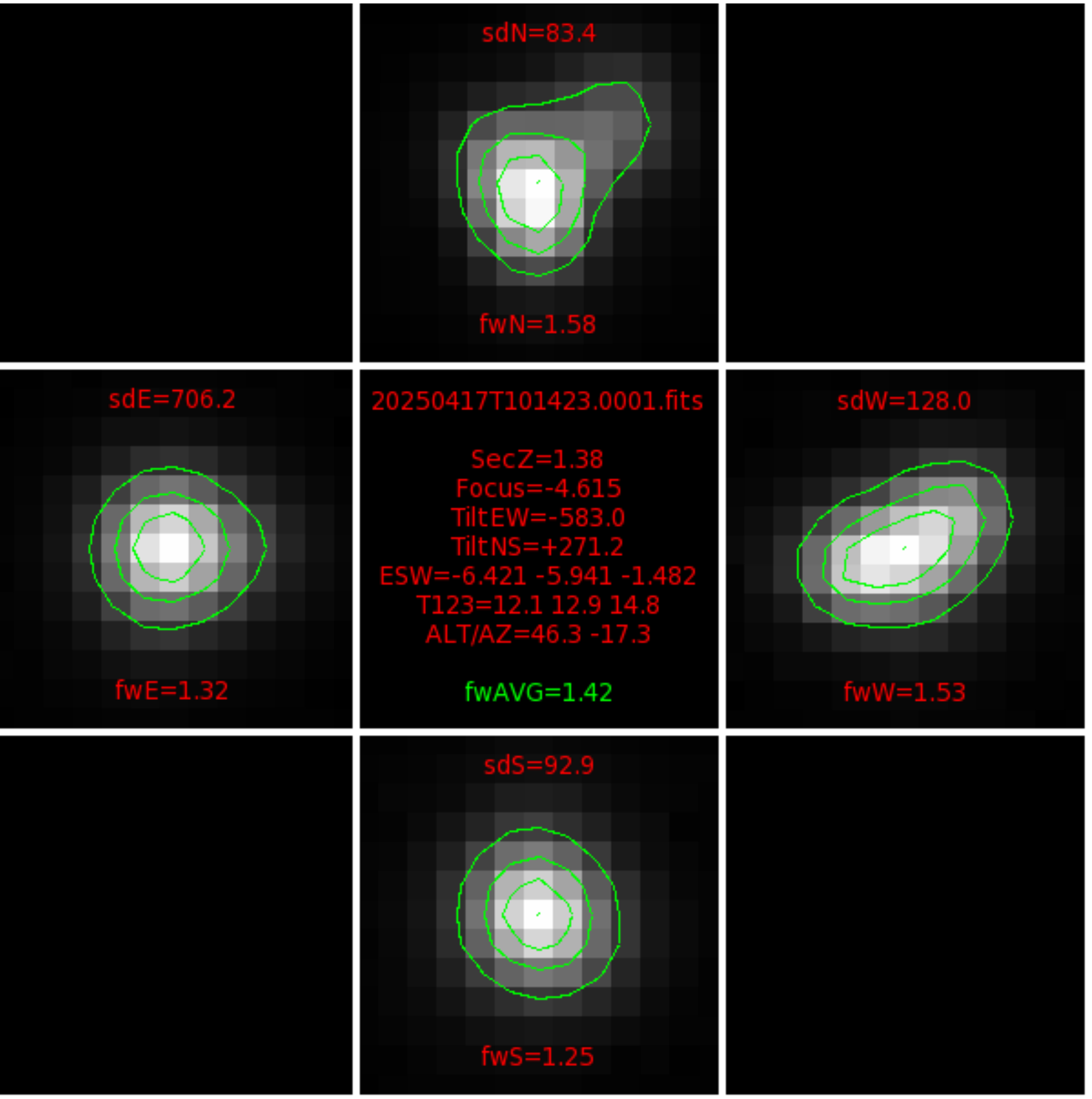
sdN=83.4
fwN=1.58
sdE=706.2
fwE=1.32
20250417T101423.0001.fits
SecZ=1.38
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.1 12.9 14.8
ALT/AZ=46.3 -17.3
fwAVG=1.42
sdW=128.0
fwW=1.53
sdS=92.9
fwS=1.25
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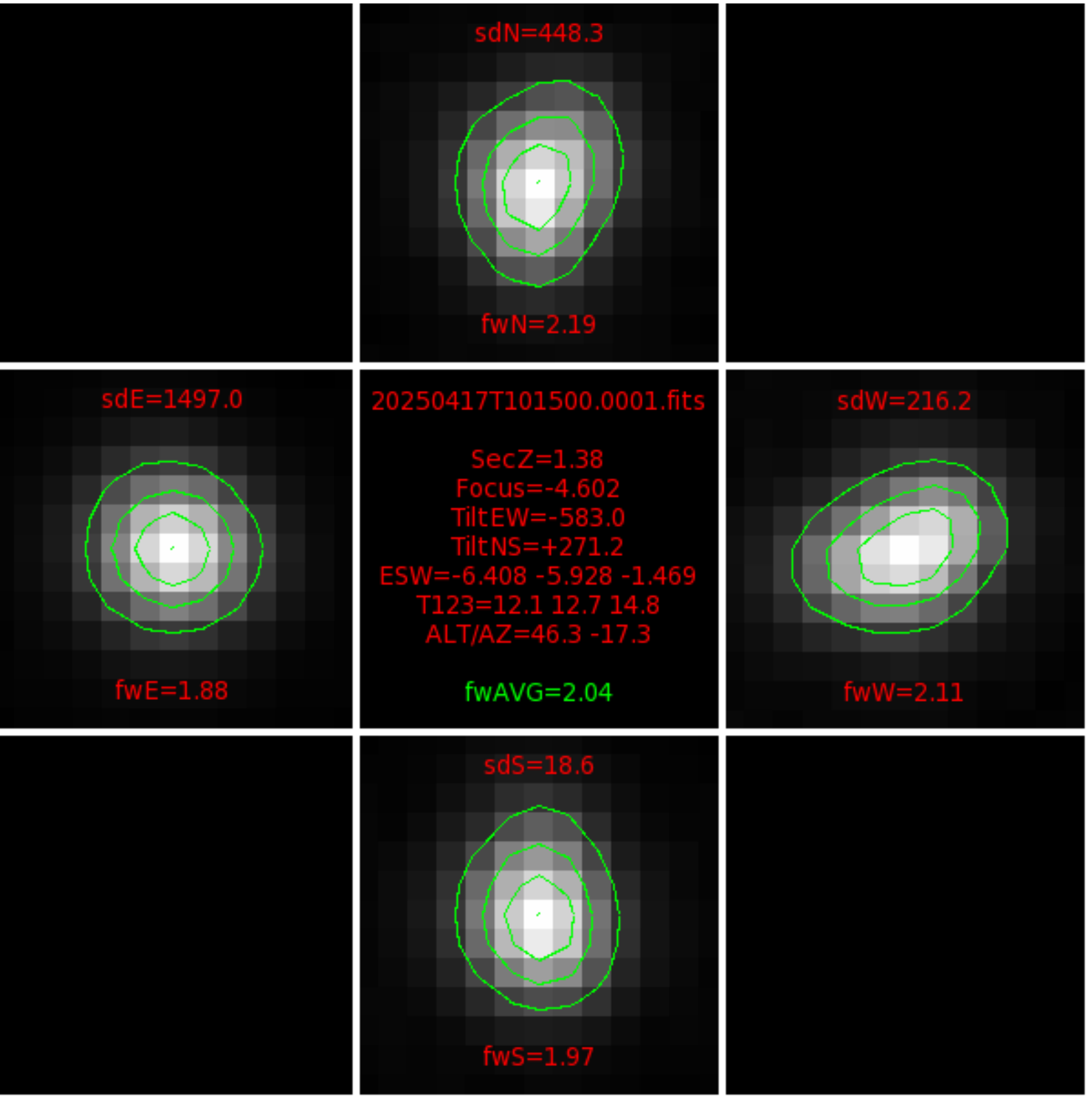
sdN=448.3
fwN=2.19
sdE=1497.0
fwE=1.88
20250417T101500.0001.fits
SecZ=1.38
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.1 12.7 14.8
ALT/AZ=46.3 -17.3
fwAVG=2.04
sdW=216.2
fwW=2.11
sdS=18.6
fwS=1.97
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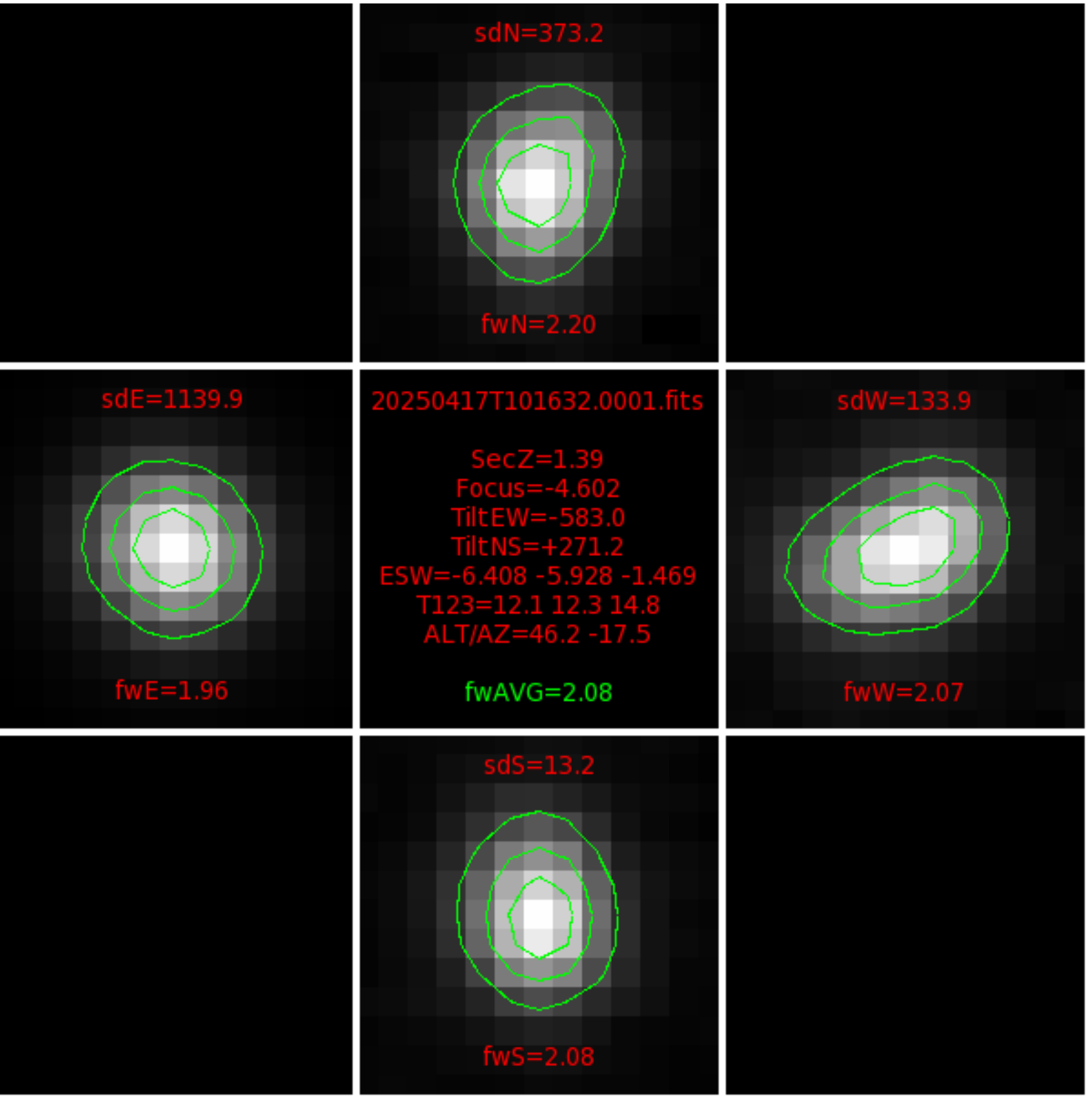
sdN=373.2
fwN=2.20
sdE=1139.9
fwE=1.96
20250417T101632.0001.fits
SecZ=1.39
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.1 12.3 14.8
ALT/AZ=46.2 -17.5
fwAVG=2.08
sdW=133.9
fwW=2.07
sdS=13.2
fwS=2.08
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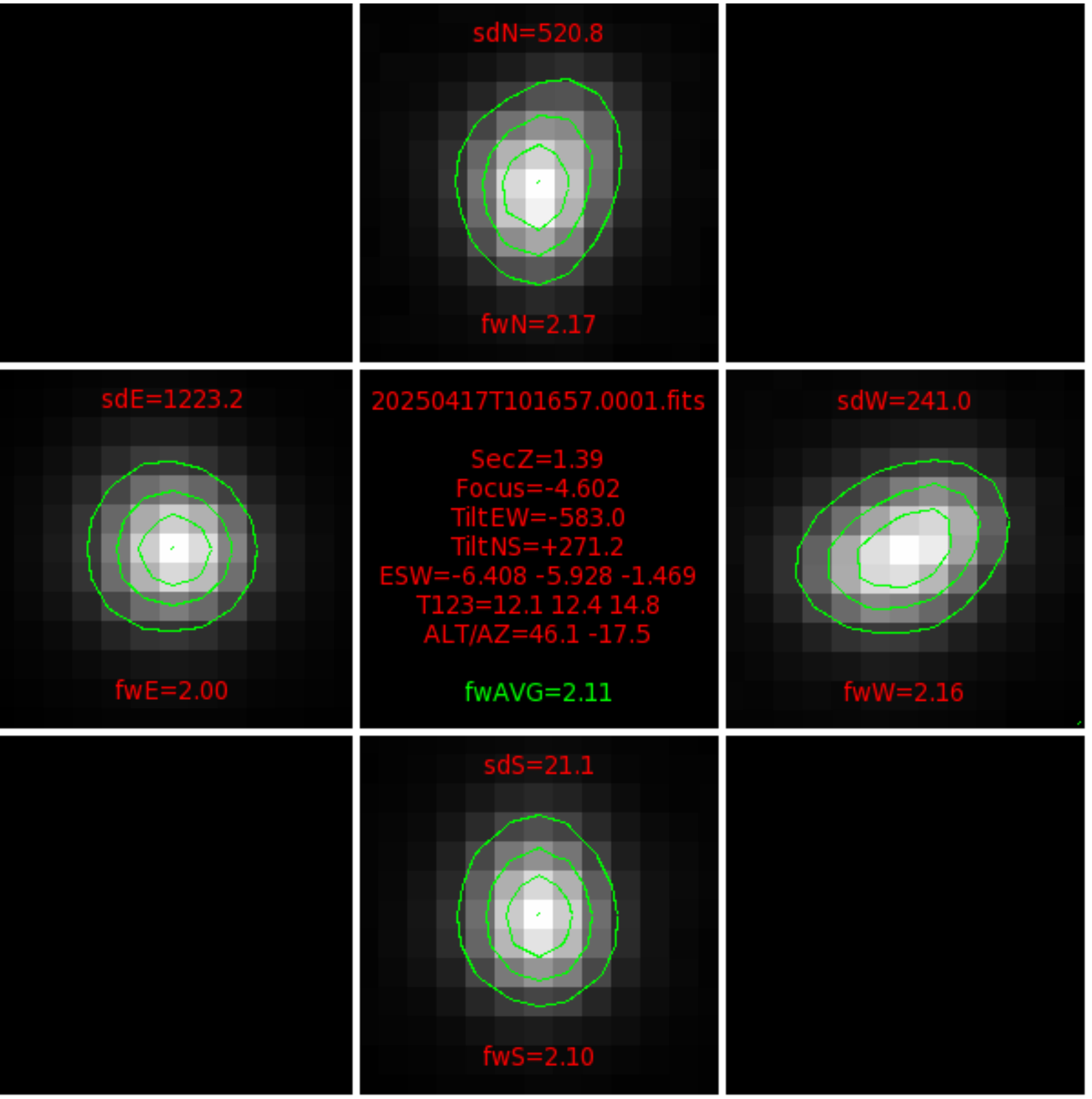
sdN=520.8
fwN=2.17
sdE=1223.2
fwE=2.00
20250417T101657.0001.fits
SecZ=1.39
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.1 12.4 14.8
ALT/AZ=46.1 -17.5
fwAVG=2.11
sdW=241.0
fwW=2.16
sdS=21.1
fwS=2.10
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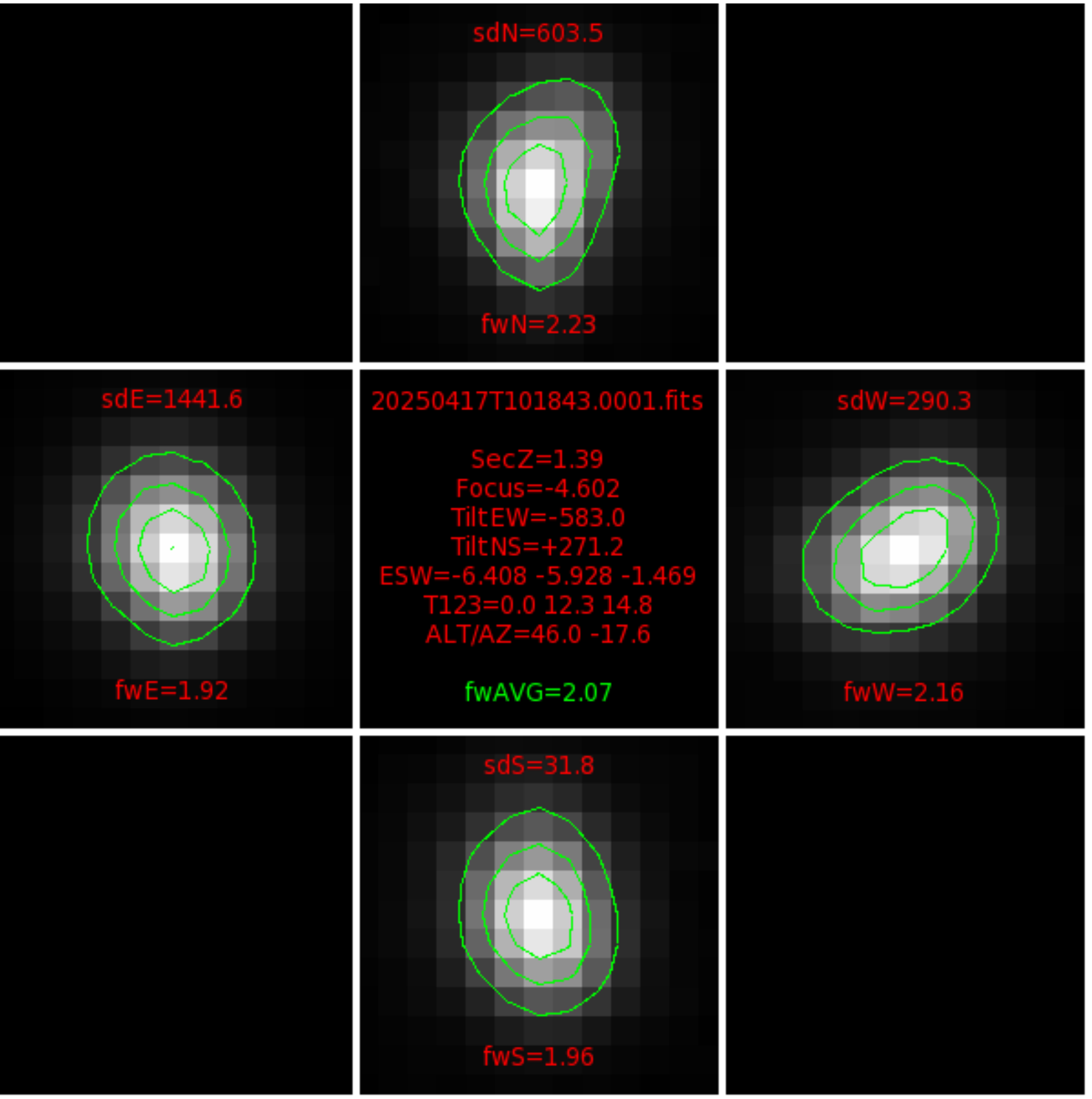
sdN=603.5
fwN=2.23
sdE=1441.6
fwE=1.92
20250417T101843.0001.fits
SecZ=1.39
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=0.0 12.3 14.8
ALT/AZ=46.0 -17.6
fwAVG=2.07
sdW=290.3
fwW=2.16
sdS=31.8
fwS=1.96
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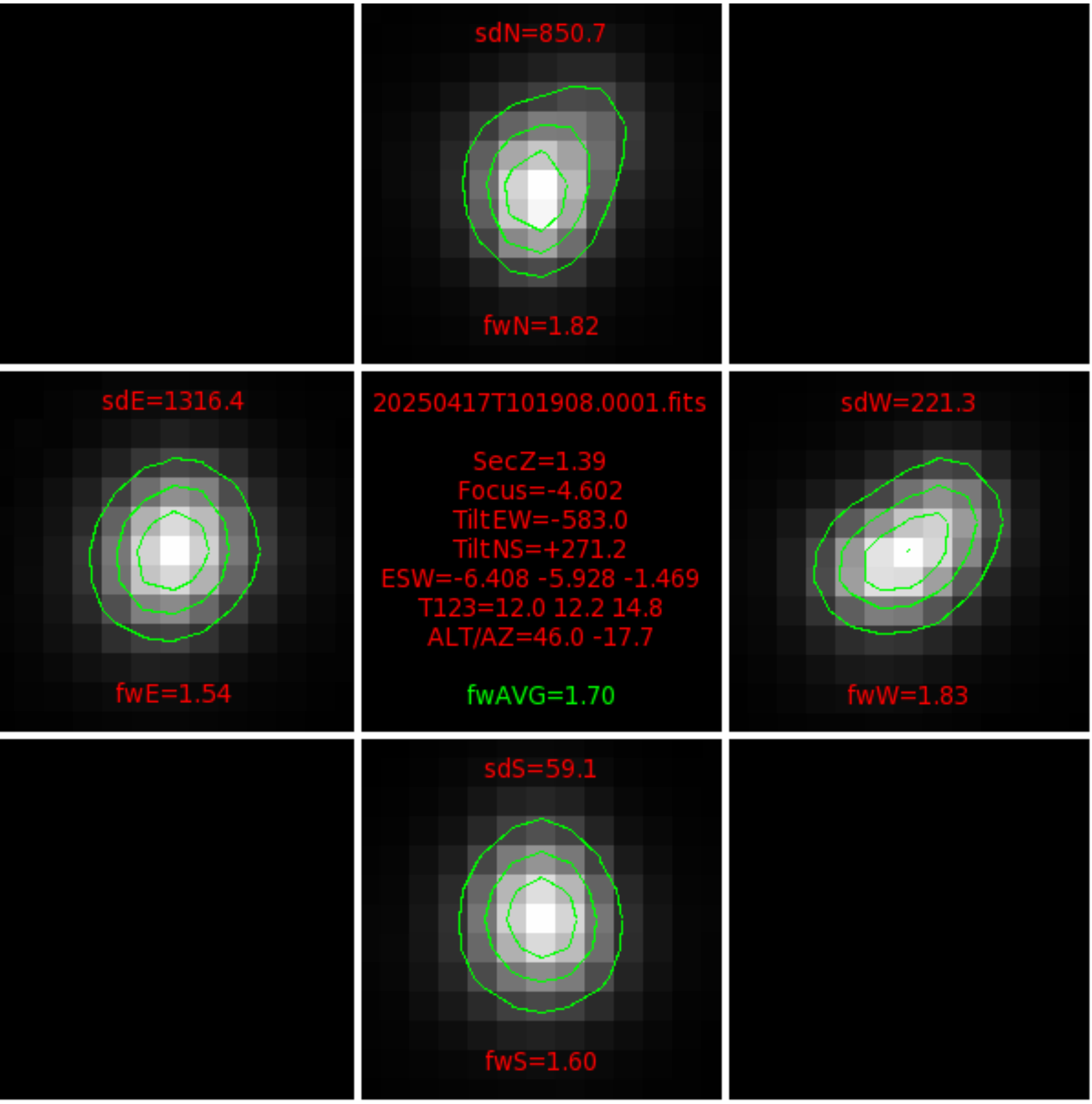
sdN=850.7
fwN=1.82
sdE=1316.4
fwE=1.54
20250417T101908.0001.fits
SecZ=1.39
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.0 12.2 14.8
ALT/AZ=46.0 -17.7
fwAVG=1.70
sdW=221.3
fwW=1.83
sdS=59.1
fwS=1.60
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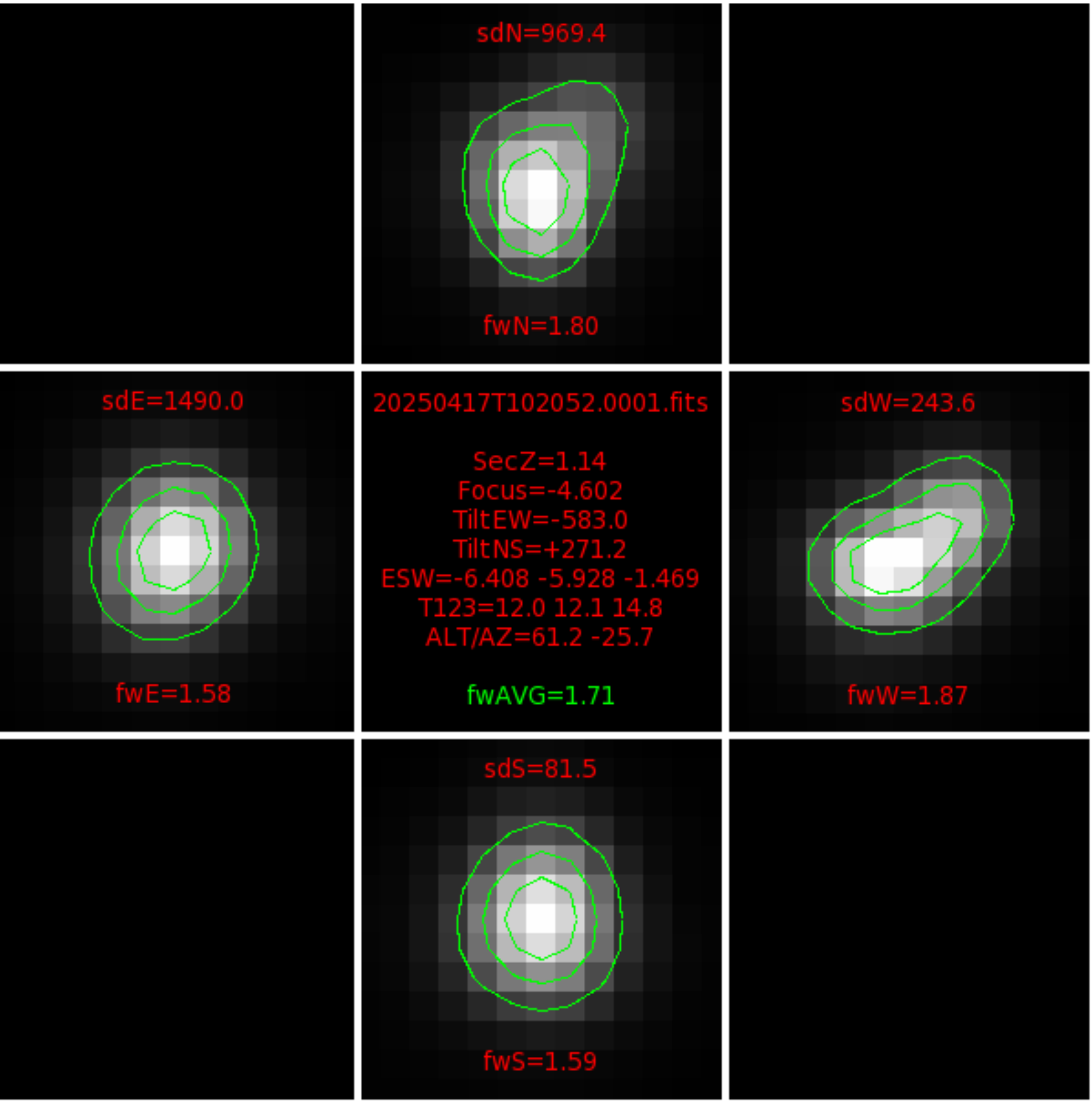
sdN=969.4
fwN=1.80
sdE=1490.0
fwE=1.58
20250417T102052.0001.fits
SecZ=1.14
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.0 12.1 14.8
ALT/AZ=61.2 -25.7
fwAVG=1.71
sdW=243.6
fwW=1.87
sdS=81.5
fwS=1.59
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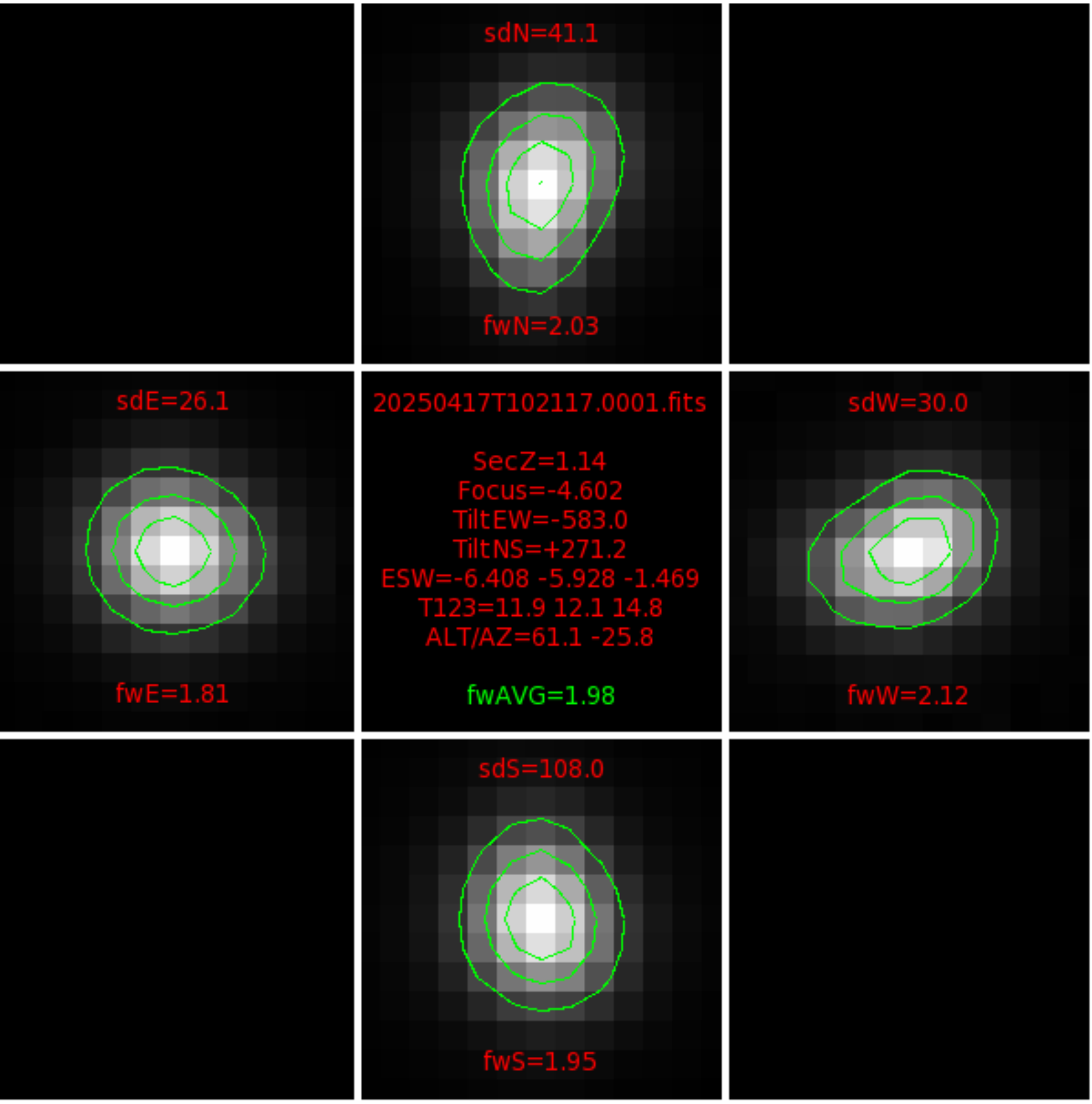
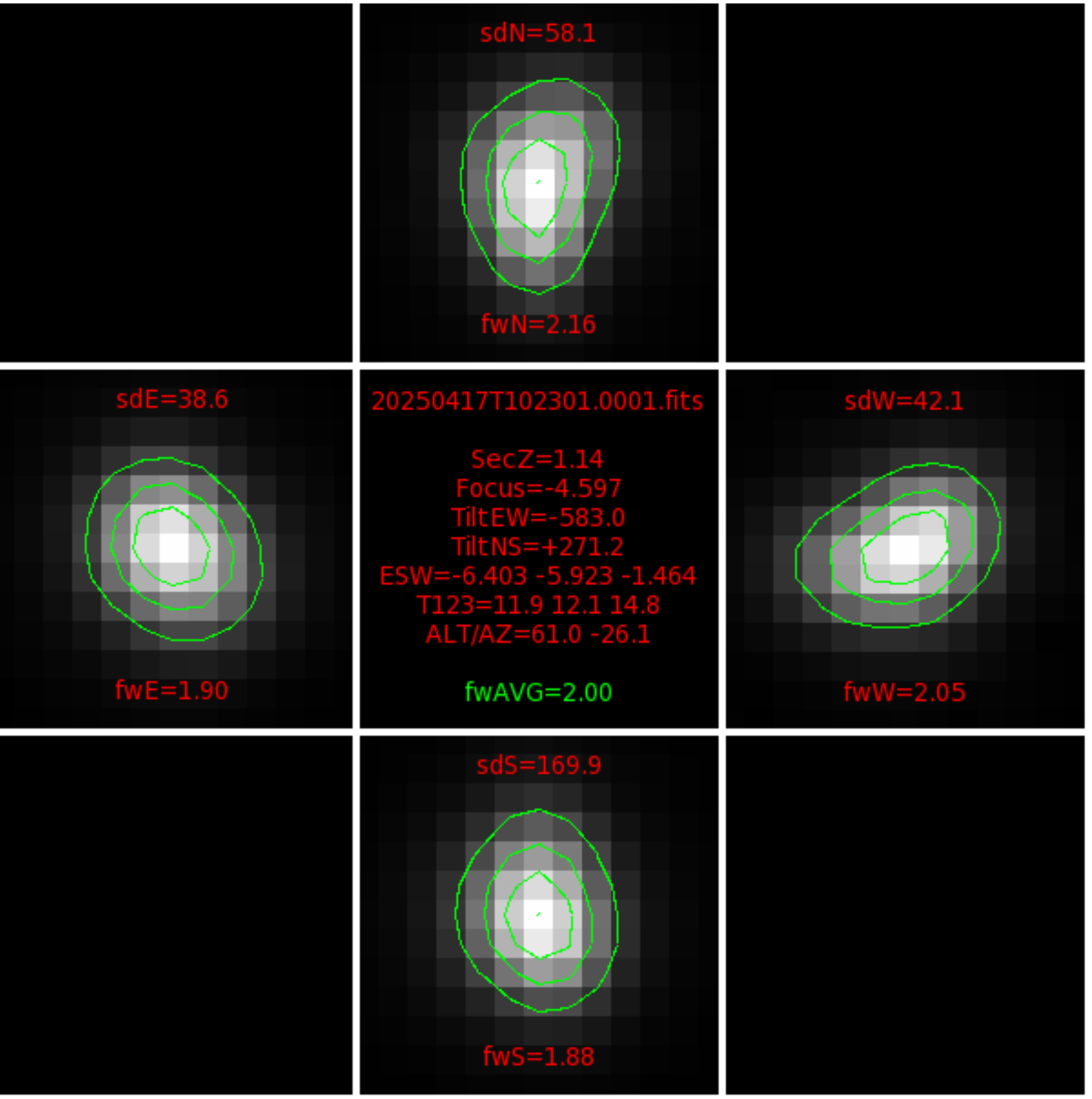

sdN=41.1
fwN=2.03
sdE=26.1
fwE=1.81
20250417T102117.0001.fits
SecZ=1.14
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=11.9 12.1 14.8
ALT/AZ=61.1 -25.8
fwAVG=1.98
sdW=30.0
fwW=2.12
sdS=108.0
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=58.1
fwN=2.16
sdE=38.6
fwE=1.90
20250417T102301.0001.fits
SecZ=1.14
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.9 12.1 14.8
ALT/AZ=61.0 -26.1
fwAVG=2.00
sdW=42.1
fwW=2.05
sdS=169.9
fwS=1.88
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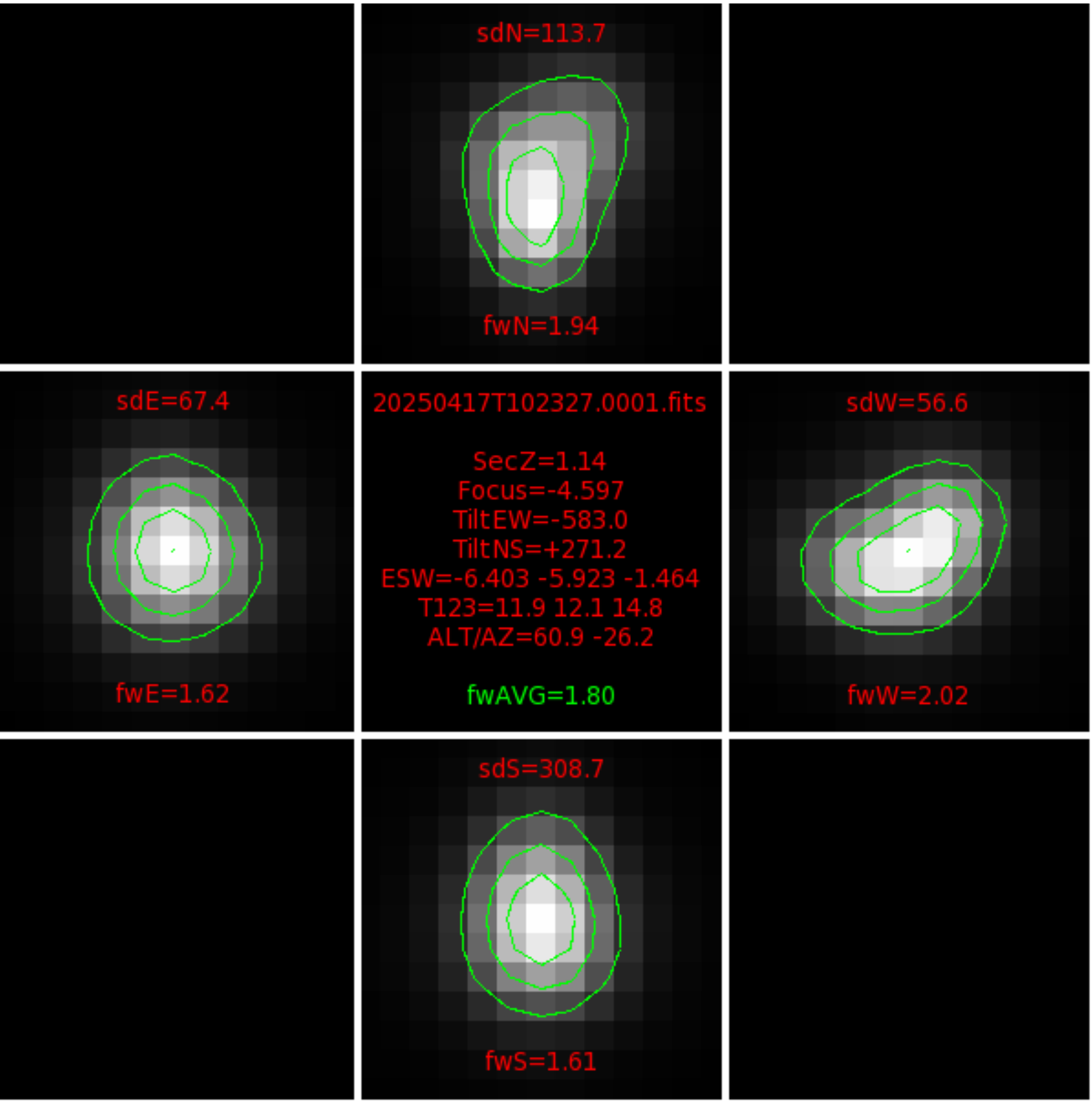
sdN=113.7
fwN=1.94
sdE=67.4
fwE=1.62
20250417T102327.0001.fits
SecZ=1.14
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.9 12.1 14.8
ALT/AZ=60.9 -26.2
fwAVG=1.80
sdW=56.6
fwW=2.02
sdS=308.7
fwS=1.61
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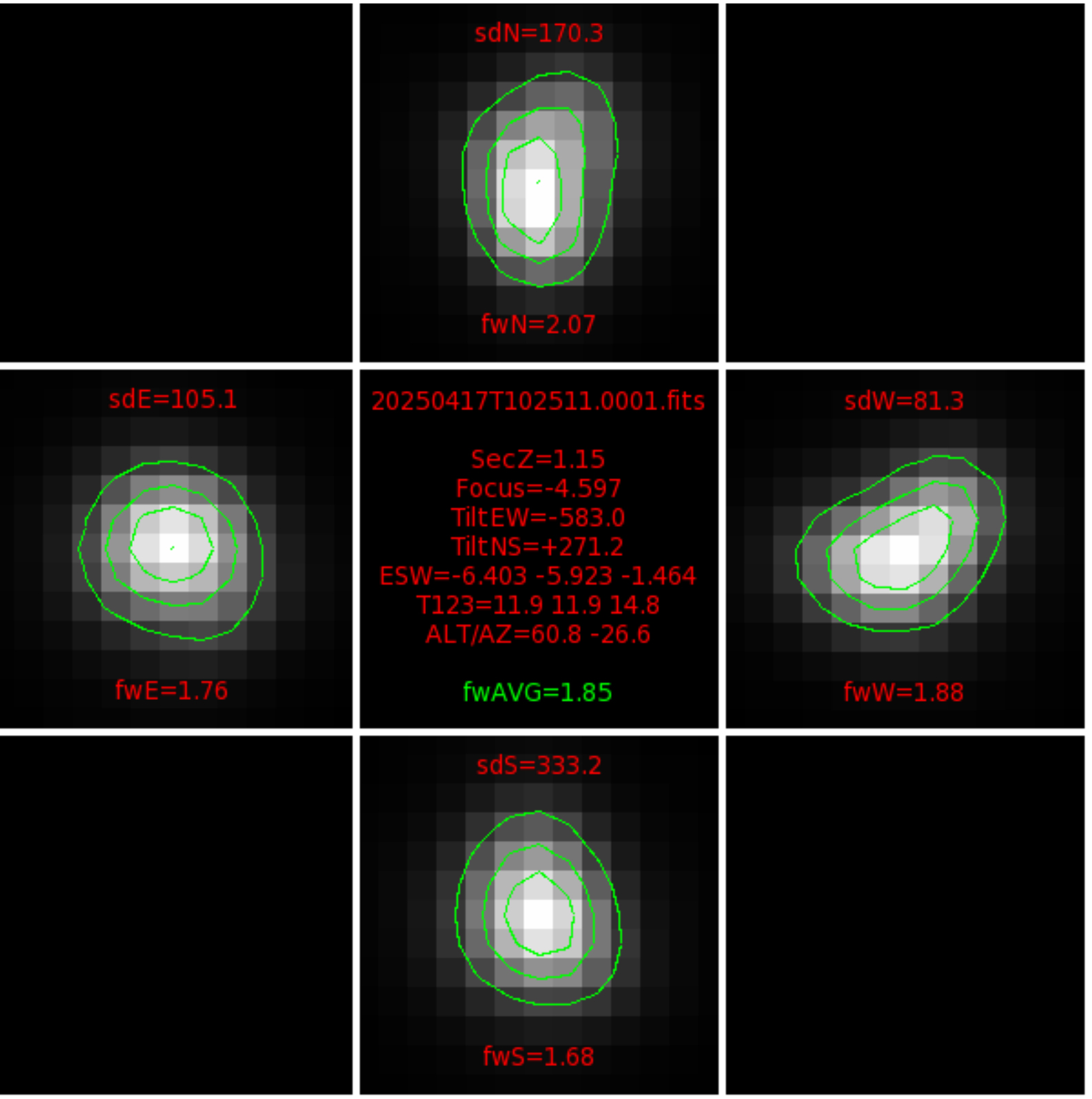
sdN=170.3
fwN=2.07
sdE=105.1
fwE=1.76
20250417T102511.0001.fits
SecZ=1.15
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.9 11.9 14.8
ALT/AZ=60.8 -26.6
fwAVG=1.85
sdW=81.3
fwW=1.88
sdS=333.2
fwS=1.68
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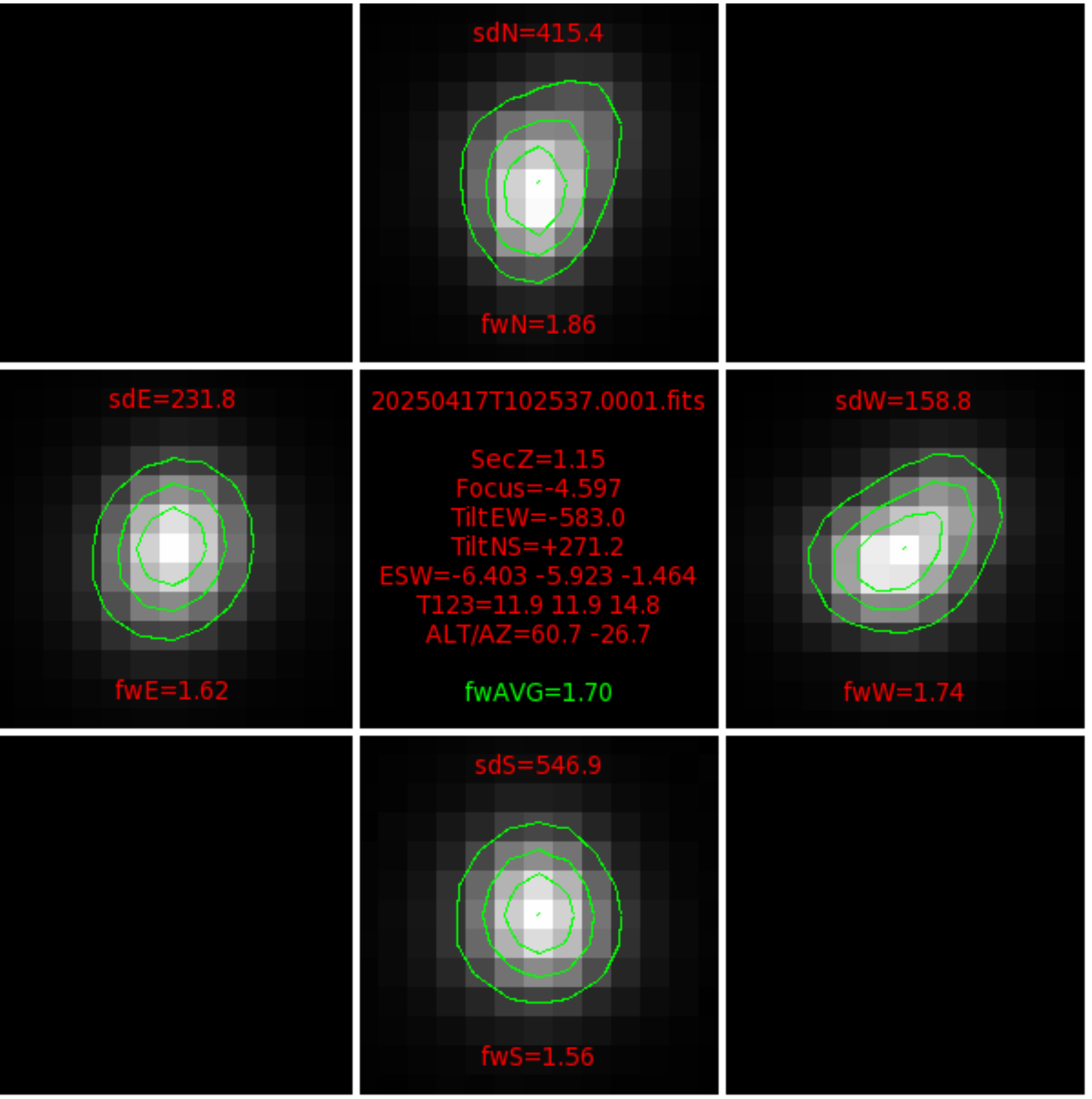
sdN=415.4
fwN=1.86
sdE=231.8
fwE=1.62
20250417T102537.0001.fits
SecZ=1.15
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.9 11.9 14.8
ALT/AZ=60.7 -26.7
fwAVG=1.70
sdW=158.8
fwW=1.74
sdS=546.9
fwS=1.56
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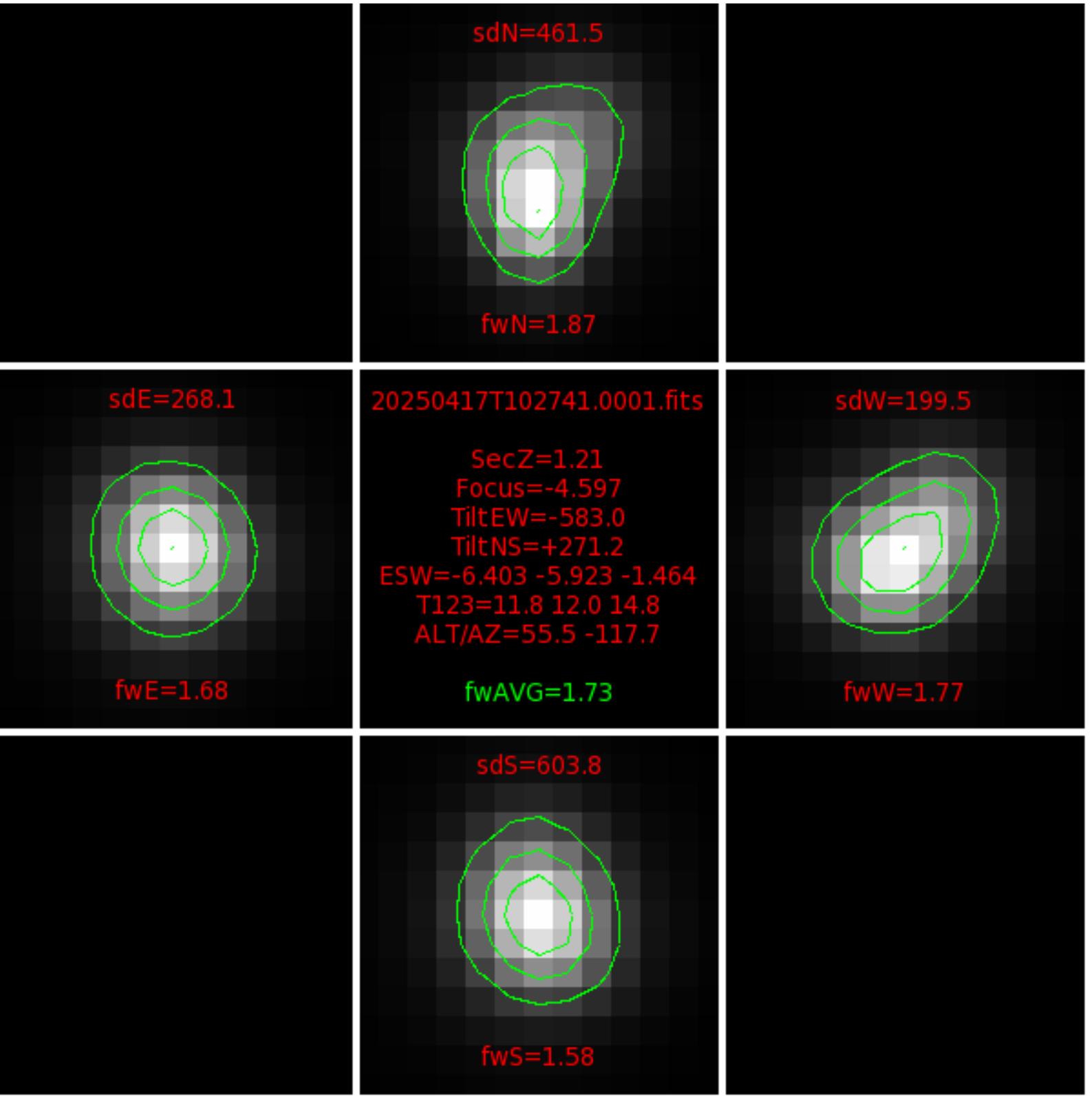
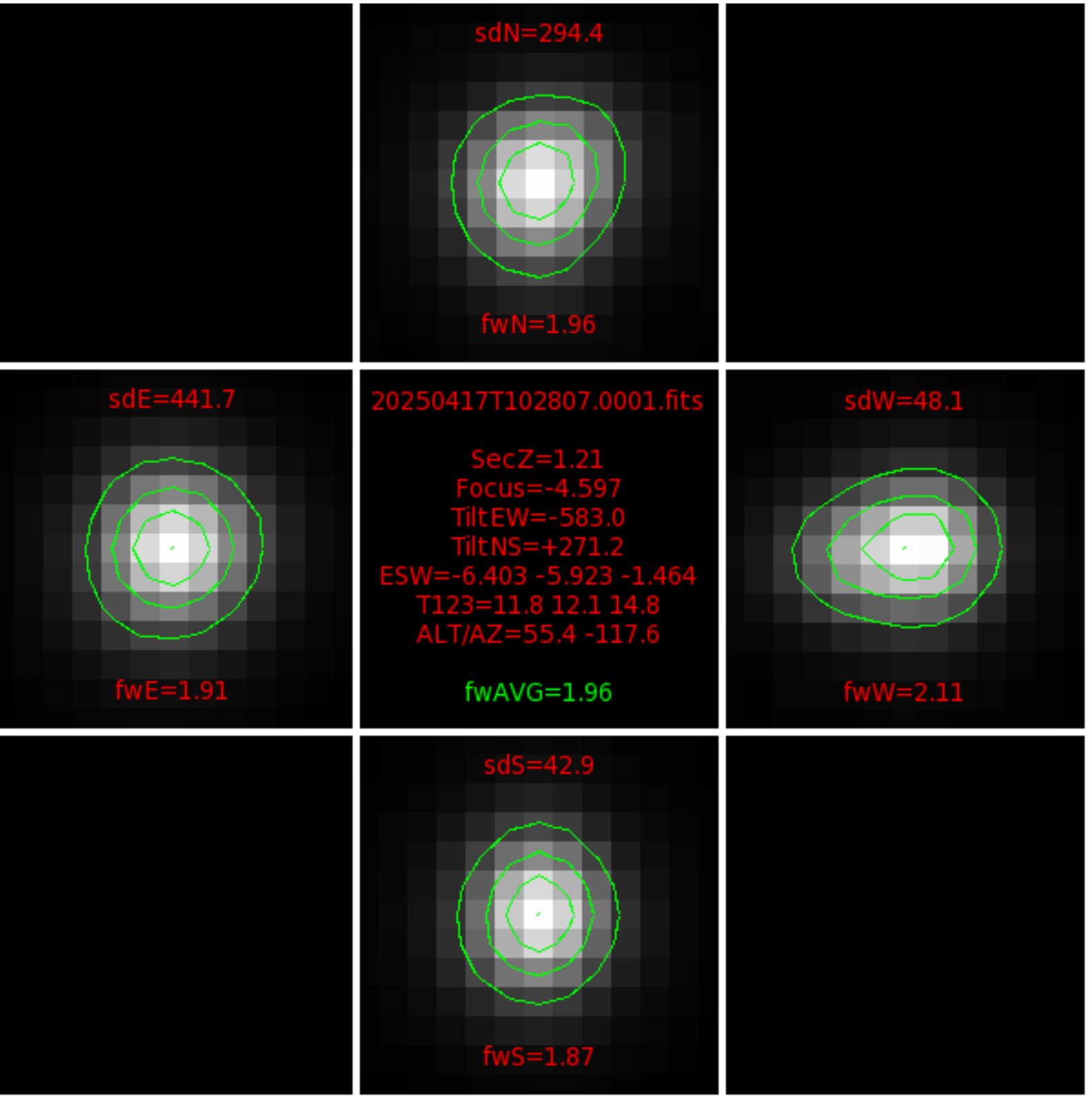

sdN=461.5
fwN=1.87
sdE=268.1
fwE=1.68
20250417T102741.0001.fits
SecZ=1.21
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.8 12.0 14.8
ALT/AZ=55.5 -117.7
fwAVG=1.73
sdW=199.5
fwW=1.77
sdS=603.8
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=294.4
fwN=1.96
sdE=441.7
fwE=1.91
20250417T102807.0001.fits
SecZ=1.21
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.8 12.1 14.8
ALT/AZ=55.4 -117.6
fwAVG=1.96
sdW=48.1
fwW=2.11
sdS=42.9
fwS=1.87
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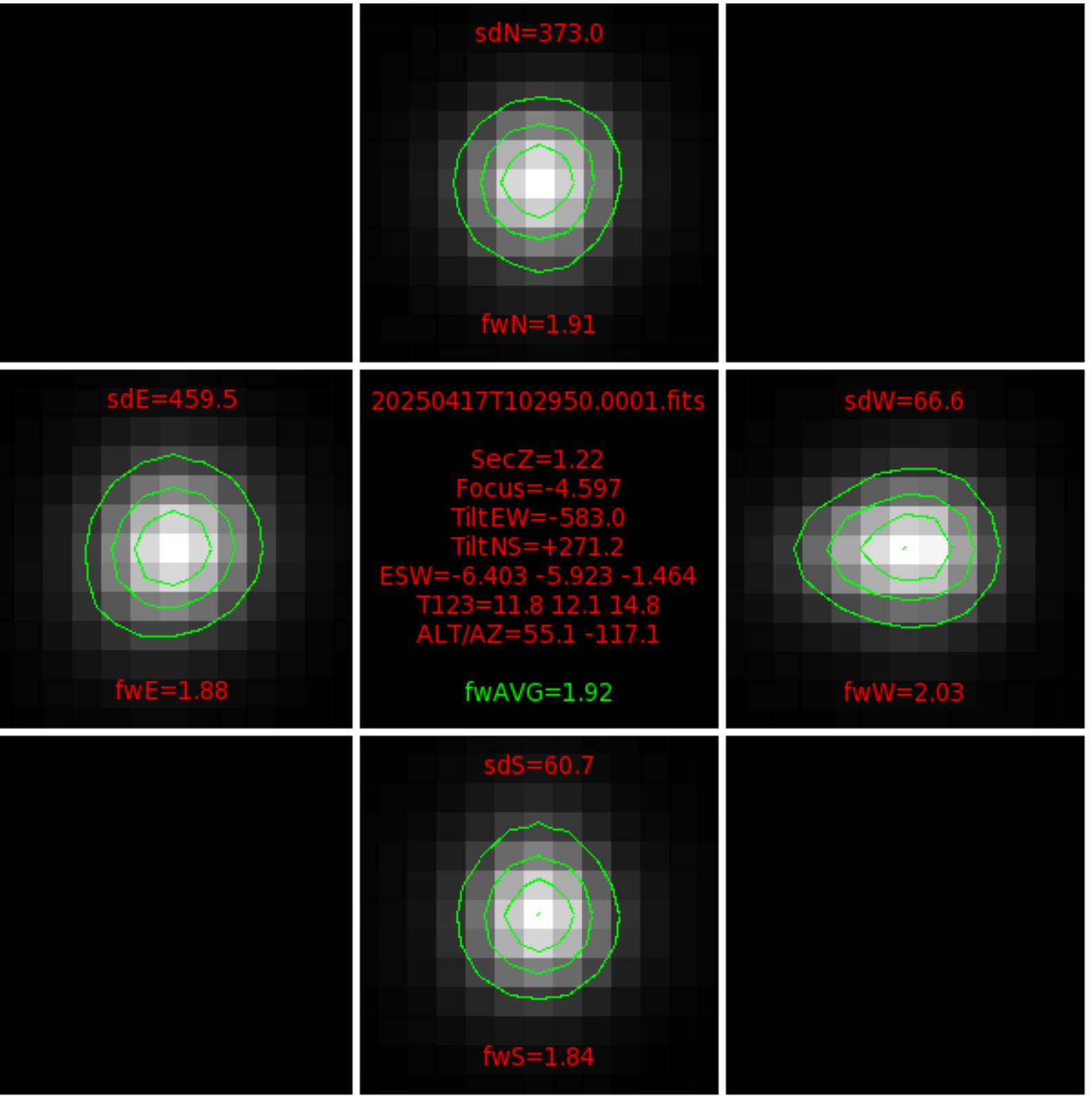
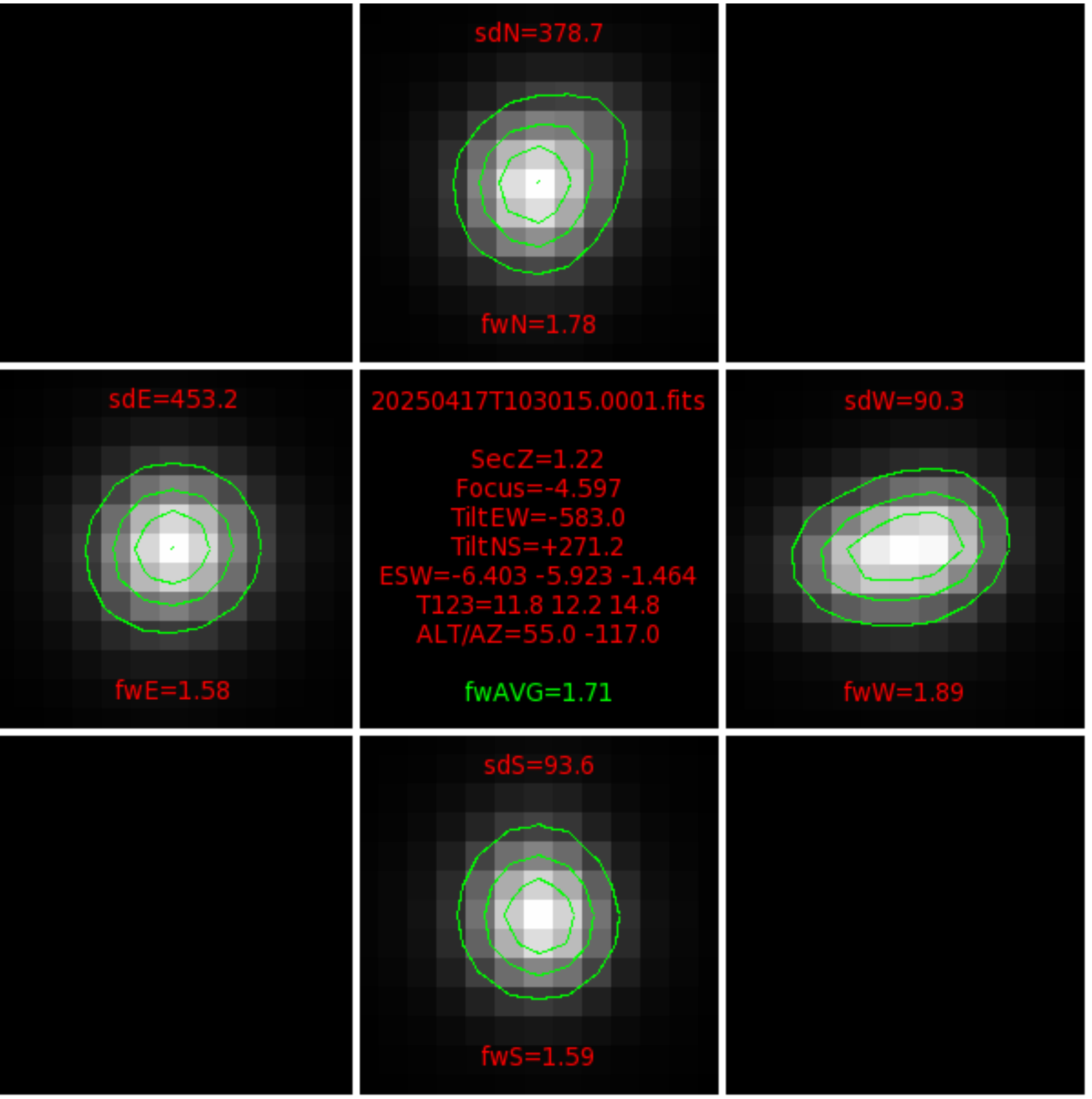
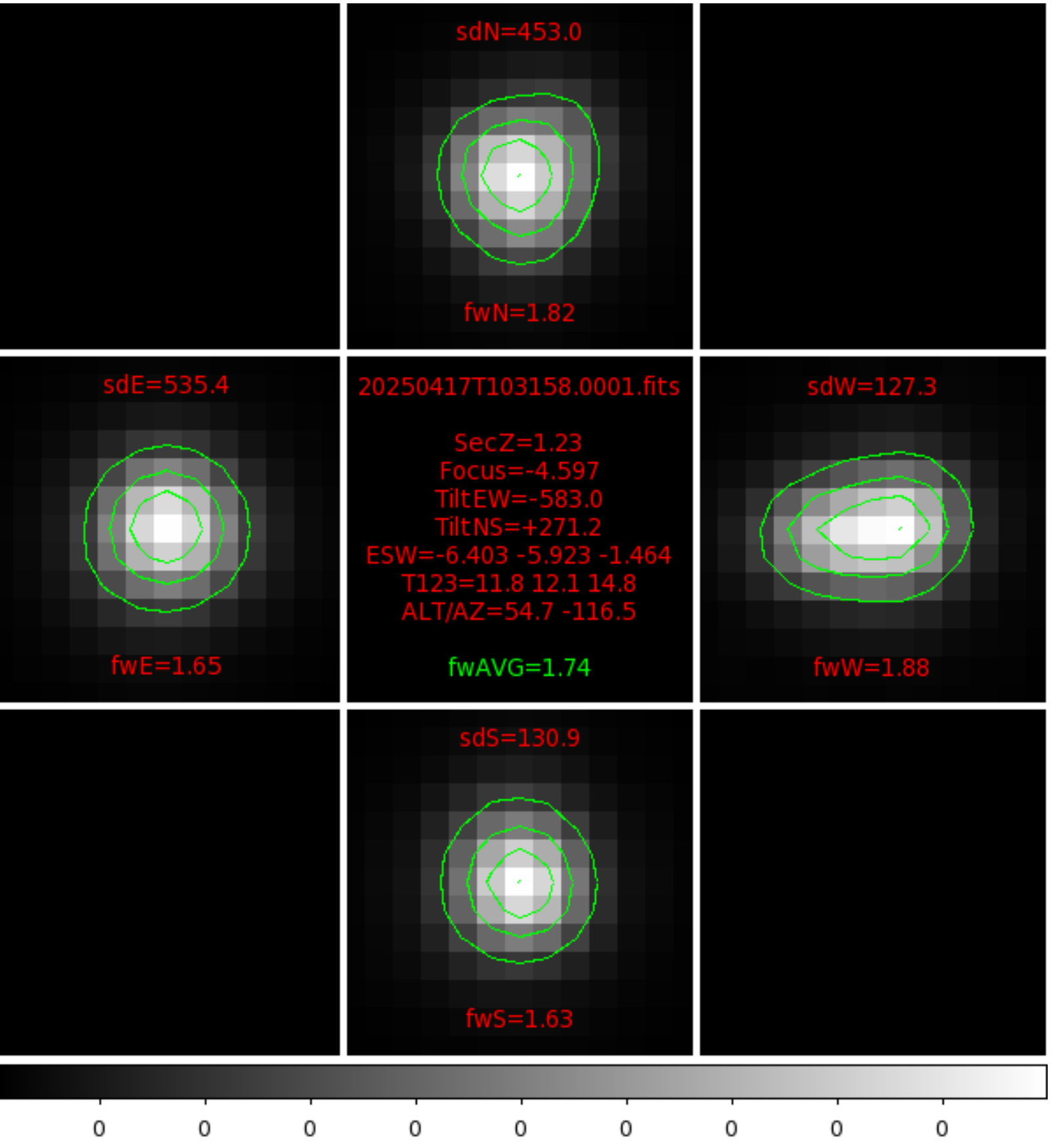

sdN=373.0
fwN=1.91
sdE=459.5
fwE=1.88
20250417T102950.0001.fits
SecZ=1.22
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.8 12.1 14.8
ALT/AZ=55.1 -117.1
fwAVG=1.92
sdW=66.6
fwW=2.03
sdS=60.7
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=378.7
fwN=1.78
sdE=453.2
fwE=1.58
20250417T103015.0001.fits
SecZ=1.22
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.8 12.2 14.8
ALT/AZ=55.0 -117.0
fwAVG=1.71
sdW=90.3
fwW=1.89
sdS=93.6
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=453.0
fwN=1.82
sdE=535.4
fwE=1.65
20250417T103158.0001.fits
SecZ=1.23
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.8 12.1 14.8
ALT/AZ=54.7 -116.5
fwAVG=1.74
sdW=127.3
fwW=1.88
sdS=130.9
fwS=1.63
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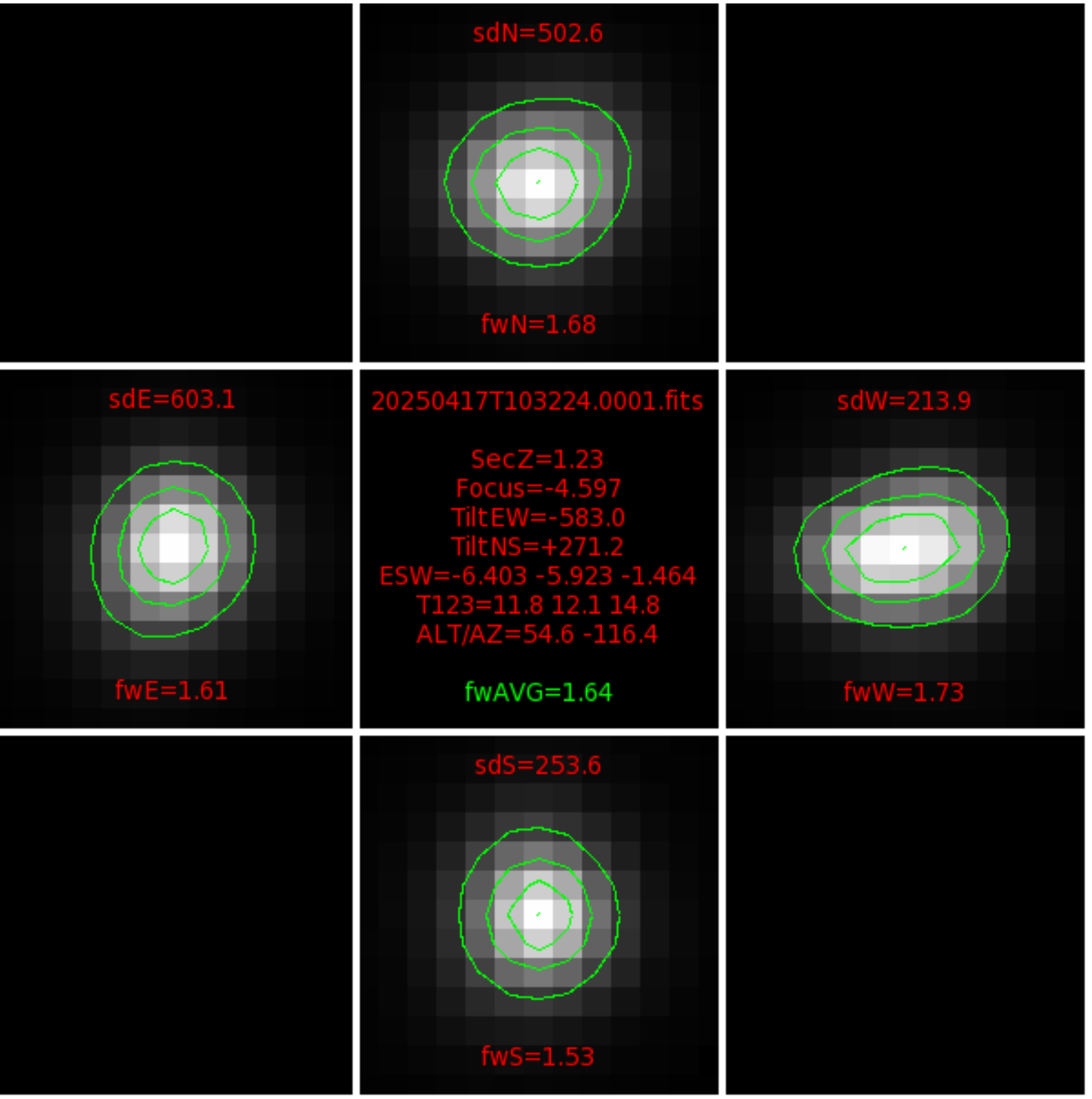
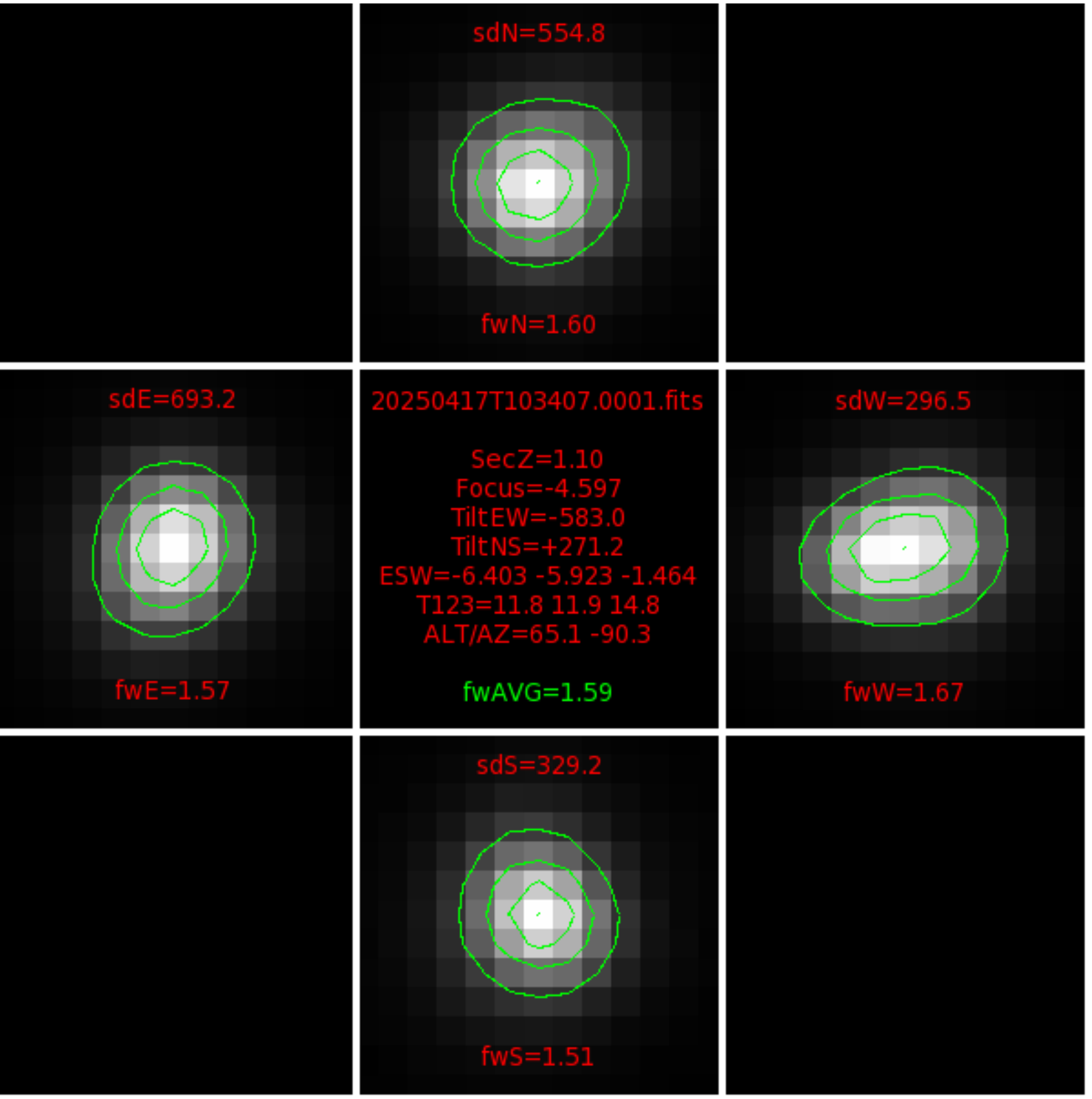
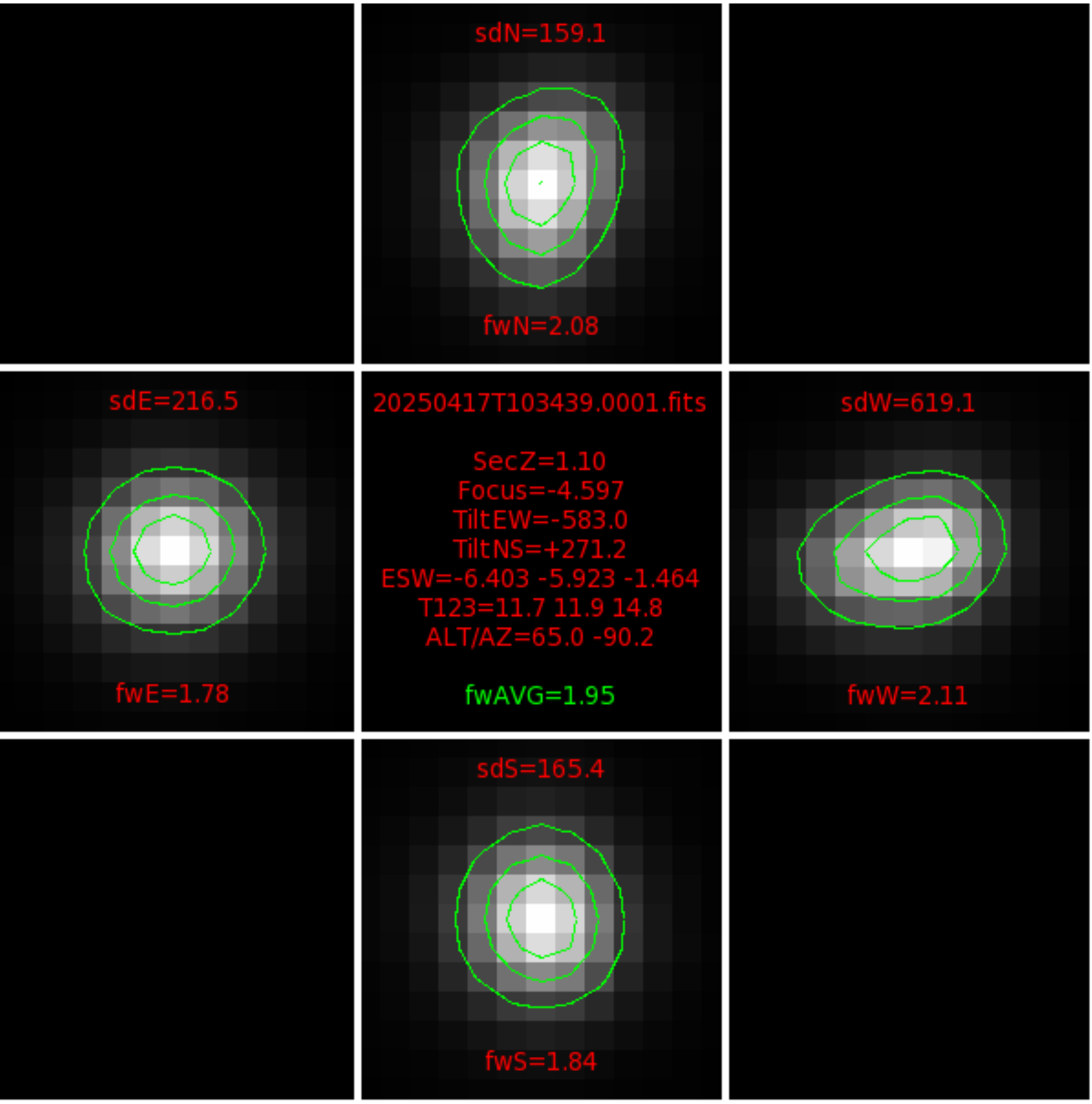
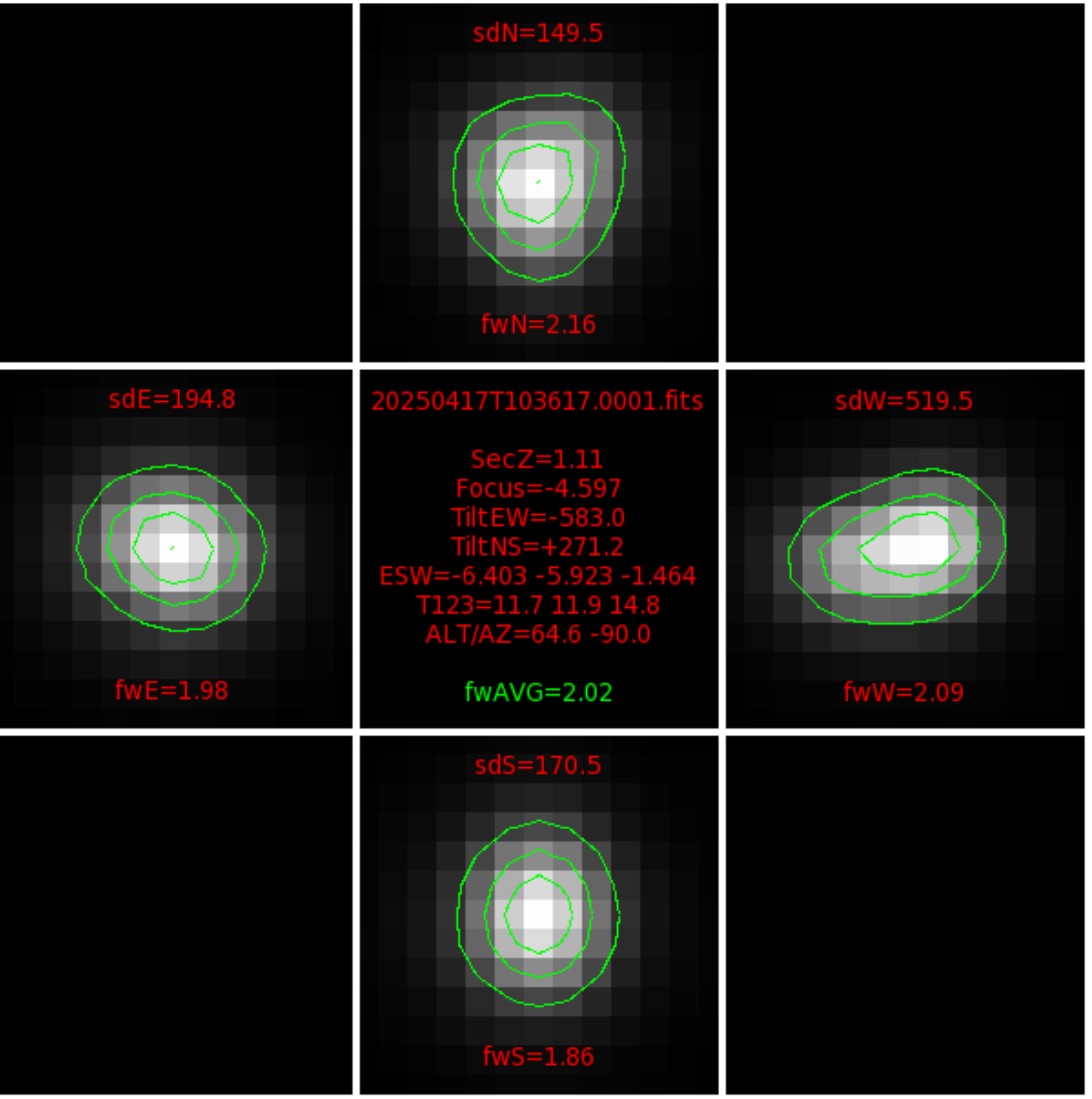

sdN=502.6
fwN=1.68
sdE=603.1
fwE=1.61
20250417T103224.0001.fits
SecZ=1.23
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.8 12.1 14.8
ALT/AZ=54.6 -116.4
fwAVG=1.64
sdW=213.9
fwW=1.73
sdS=253.6
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=554.8
fwN=1.60
sdE=693.2
fwE=1.57
20250417T103407.0001.fits
SecZ=1.10
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.8 11.9 14.8
ALT/AZ=65.1 -90.3
fwAVG=1.59
sdW=296.5
fwW=1.67
sdS=329.2
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=159.1
fwN=2.08
sdE=216.5
fwE=1.78
20250417T103439.0001.fits
SecZ=1.10
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.7 11.9 14.8
ALT/AZ=65.0 -90.2
fwAVG=1.95
sdW=619.1
fwW=2.11
sdS=165.4
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=149.5
fwN=2.16
sdE=194.8
fwE=1.98
20250417T103617.0001.fits
SecZ=1.11
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.7 11.9 14.8
ALT/AZ=64.6 -90.0
fwAVG=2.02
sdW=519.5
fwW=2.09
sdS=170.5
fwS=1.86
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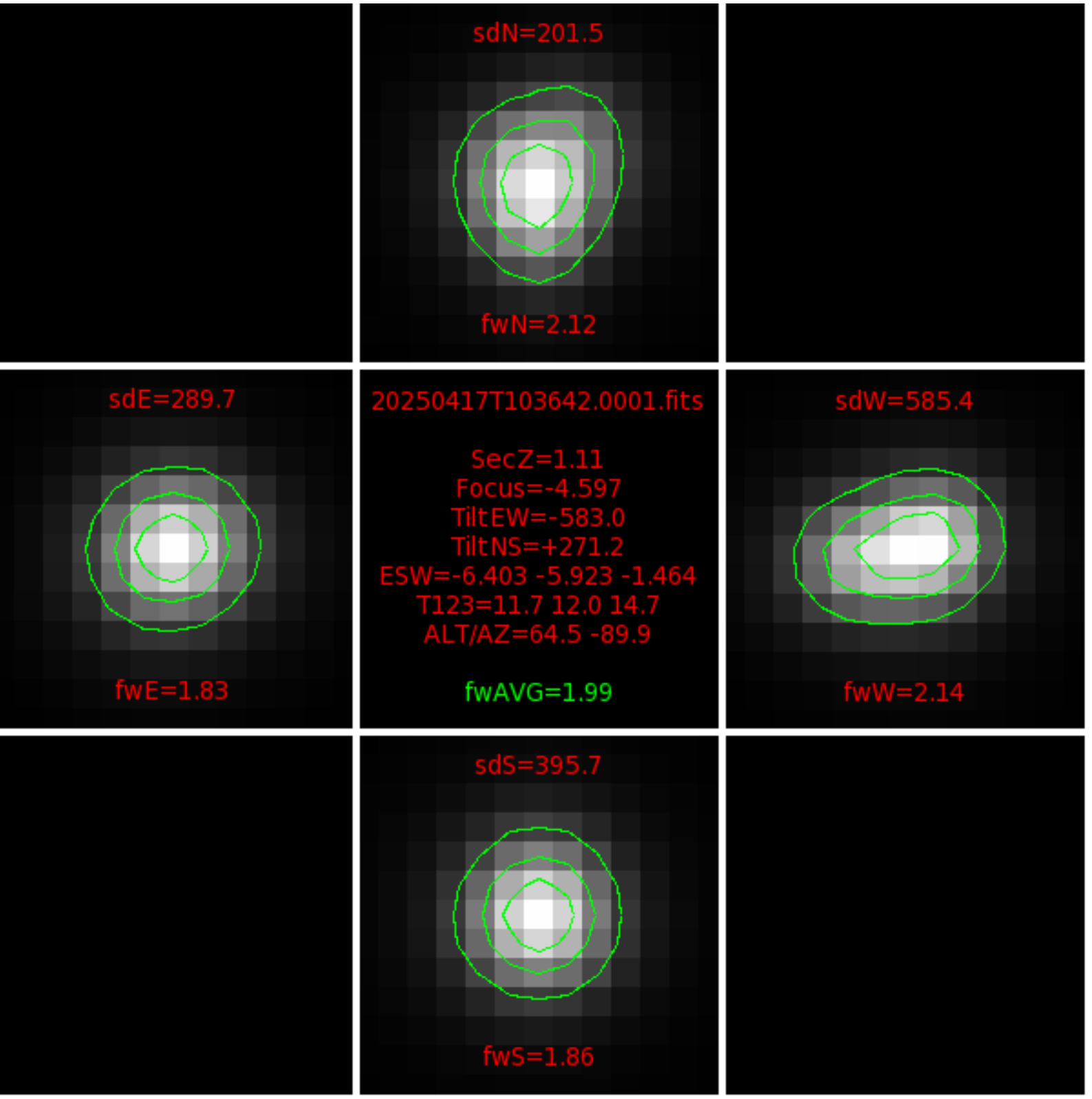
sdN=201.5
fwN=2.12
sdE=289.7
fwE=1.83
20250417T103642.0001.fits
SecZ=1.11
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.7 12.0 14.7
ALT/AZ=64.5 -89.9
fwAVG=1.99
sdW=585.4
fwW=2.14
sdS=395.7
fwS=1.86
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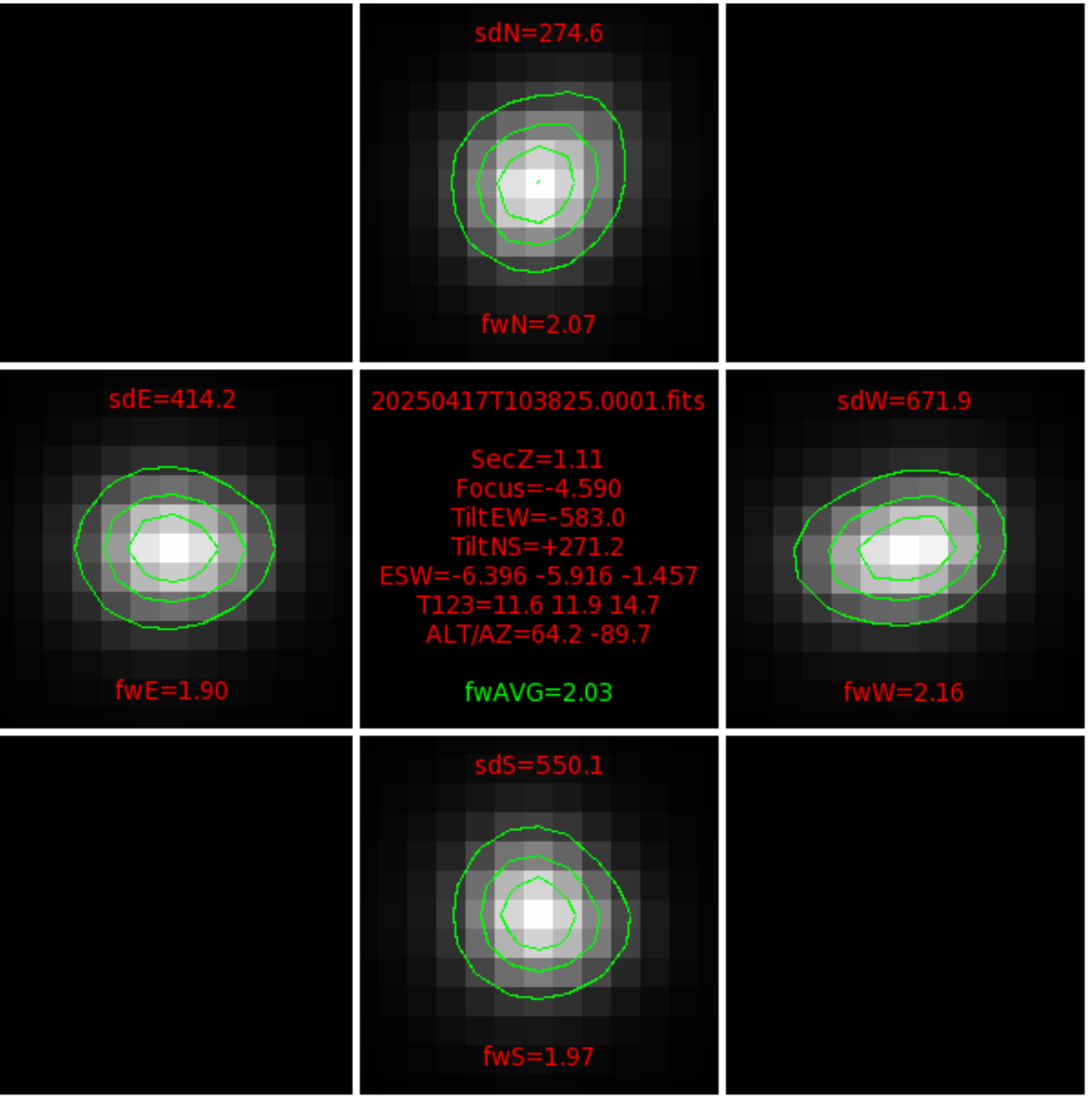
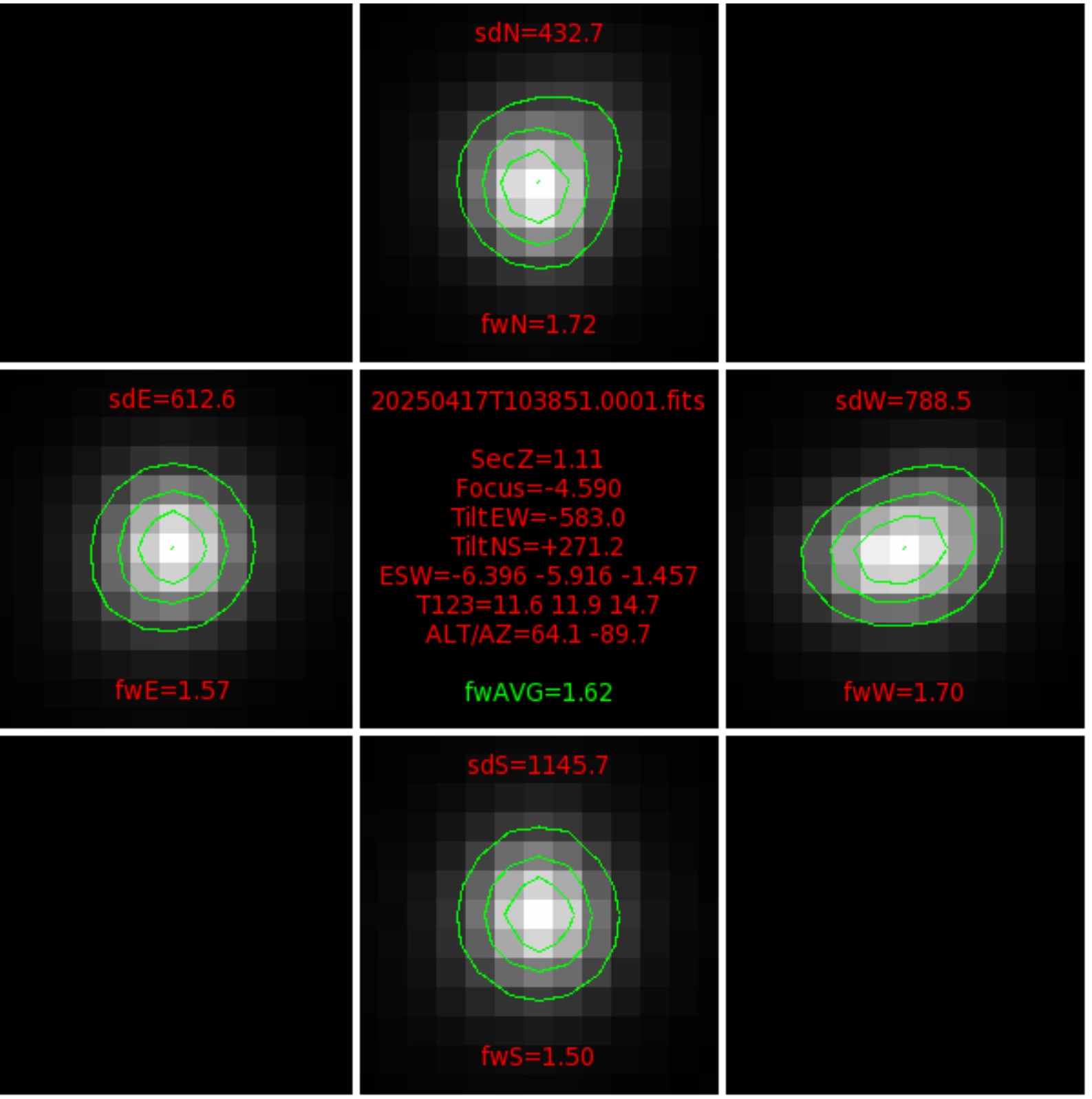

sdN=274.6
fwN=2.07
sdE=414.2
fwE=1.90
20250417T103825.0001.fits
SecZ=1.11
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 11.9 14.7
ALT/AZ=64.2 -89.7
fwAVG=2.03
sdW=671.9
fwW=2.16
sdS=550.1
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=432.7
fwN=1.72
sdE=612.6
fwE=1.57
20250417T103851.0001.fits
SecZ=1.11
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 11.9 14.7
ALT/AZ=64.1 -89.7
fwAVG=1.62
sdW=788.5
fwW=1.70
sdS=1145.7
fwS=1.50
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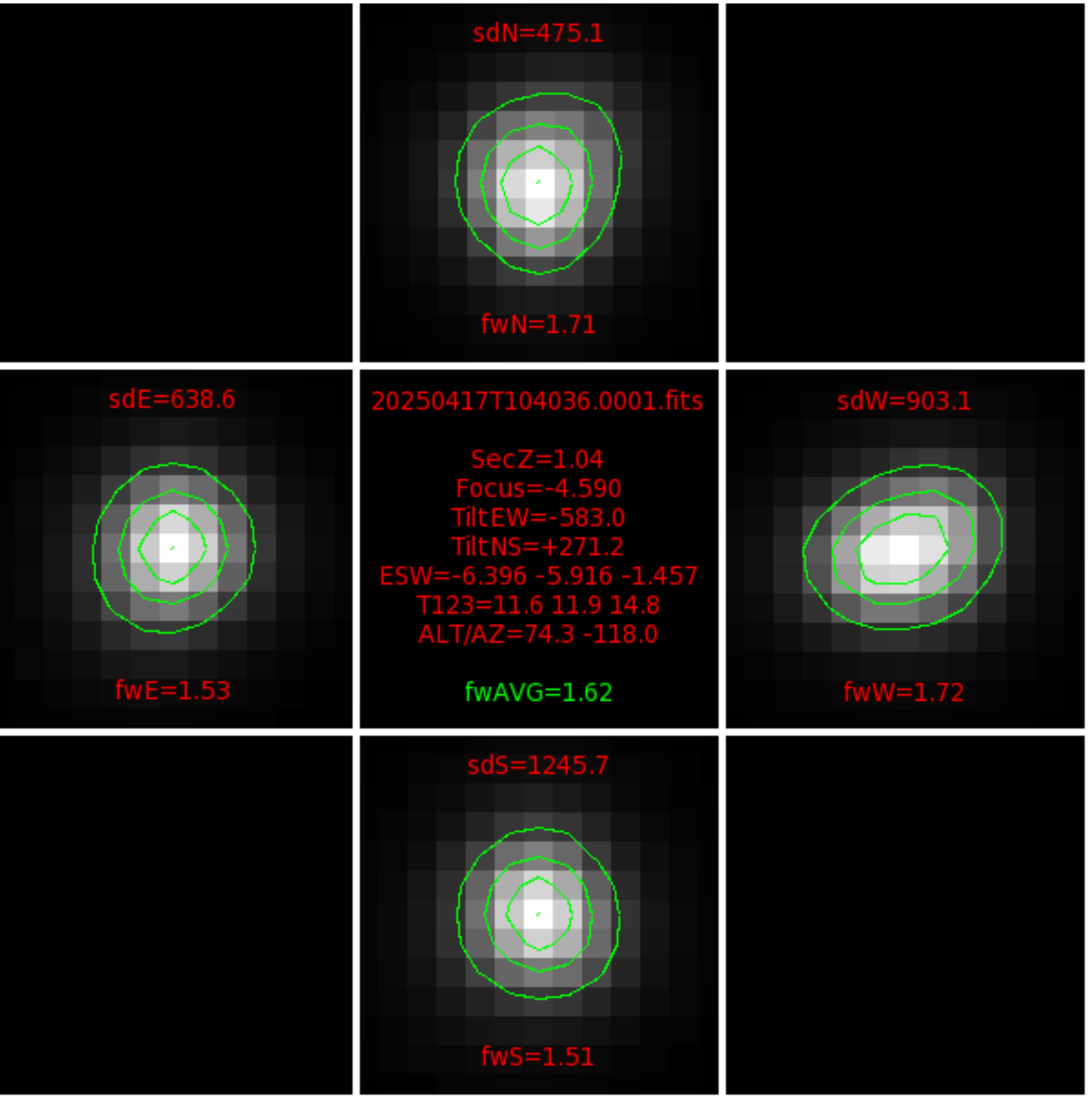
sdN=475.1
fwN=1.71
sdE=638.6
fwE=1.53
20250417T104036.0001.fits
SecZ=1.04
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 11.9 14.8
ALT/AZ=74.3 -118.0
fwAVG=1.62
sdW=903.1
fwW=1.72
sdS=1245.7
fwS=1.51
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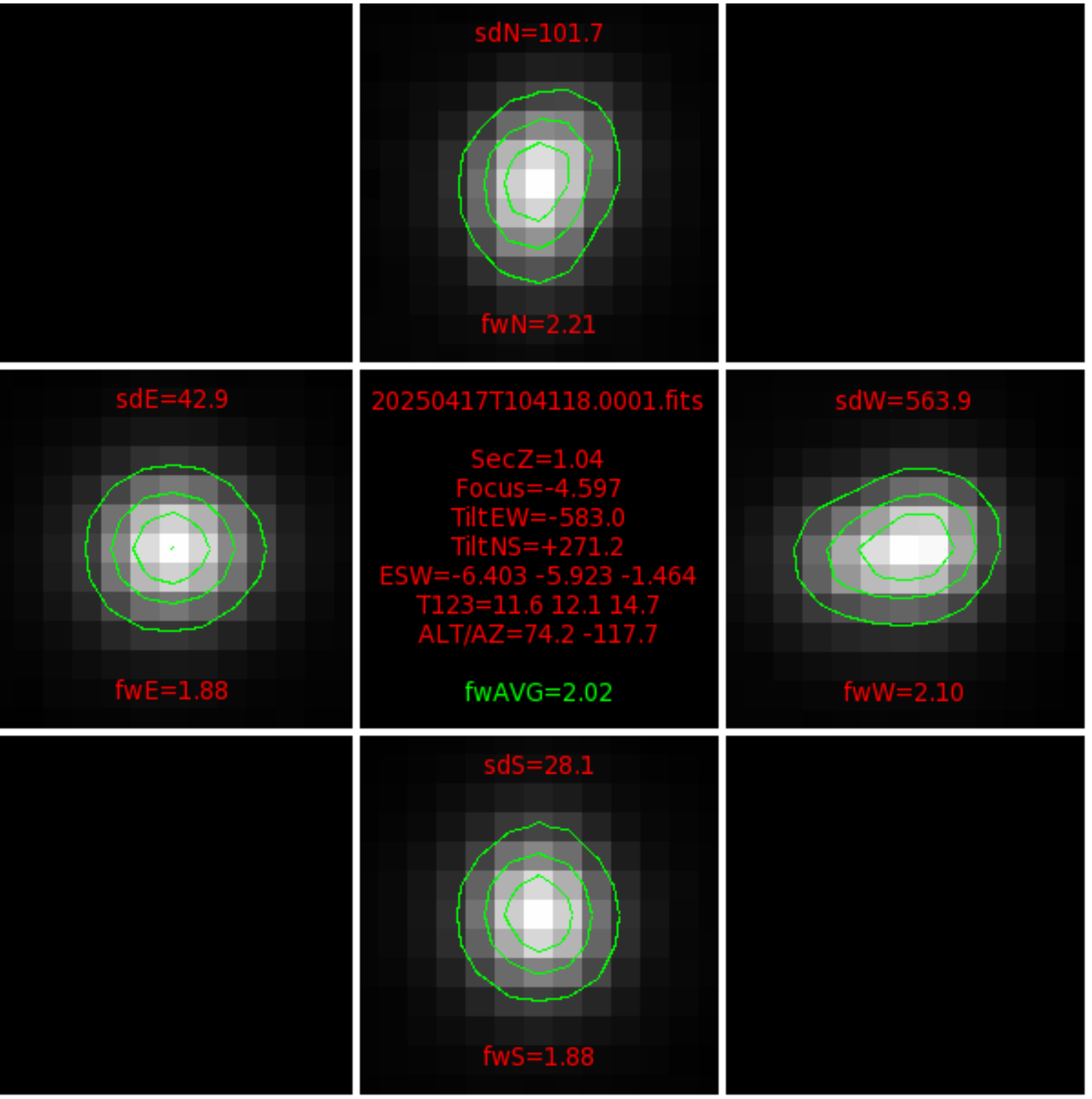
sdN=101.7
fwN=2.21
sdE=42.9
fwE=1.88
20250417T104118.0001.fits
SecZ=1.04
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=11.6 12.1 14.7
ALT/AZ=74.2 -117.7
fwAVG=2.02
sdW=563.9
fwW=2.10
sdS=28.1
fwS=1.88
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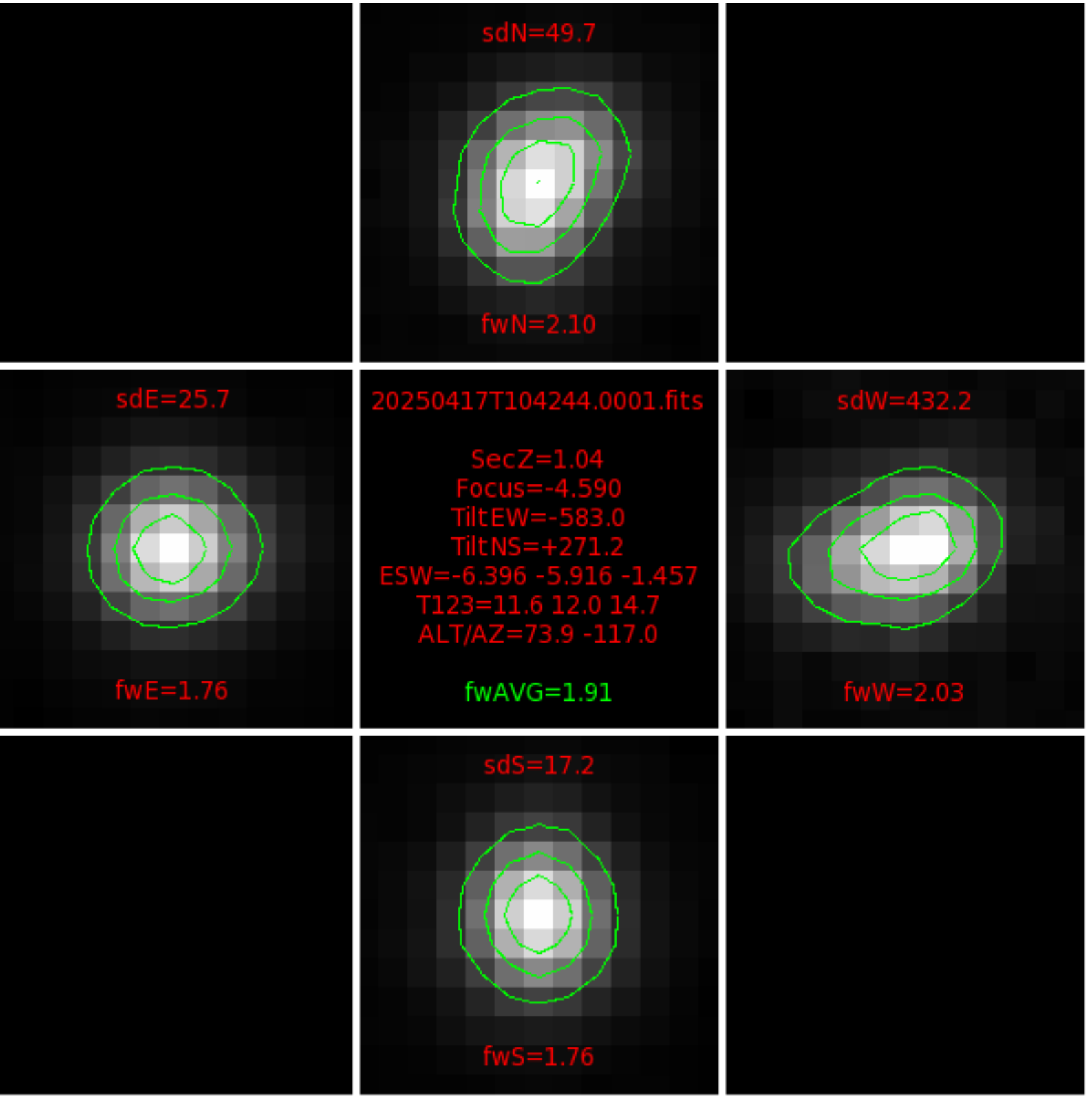
sdN=49.7
fwN=2.10
sdE=25.7
fwE=1.76
20250417T104244.0001.fits
SecZ=1.04
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.0 14.7
ALT/AZ=73.9 -117.0
fwAVG=1.91
sdW=432.2
fwW=2.03
sdS=17.2
fwS=1.76
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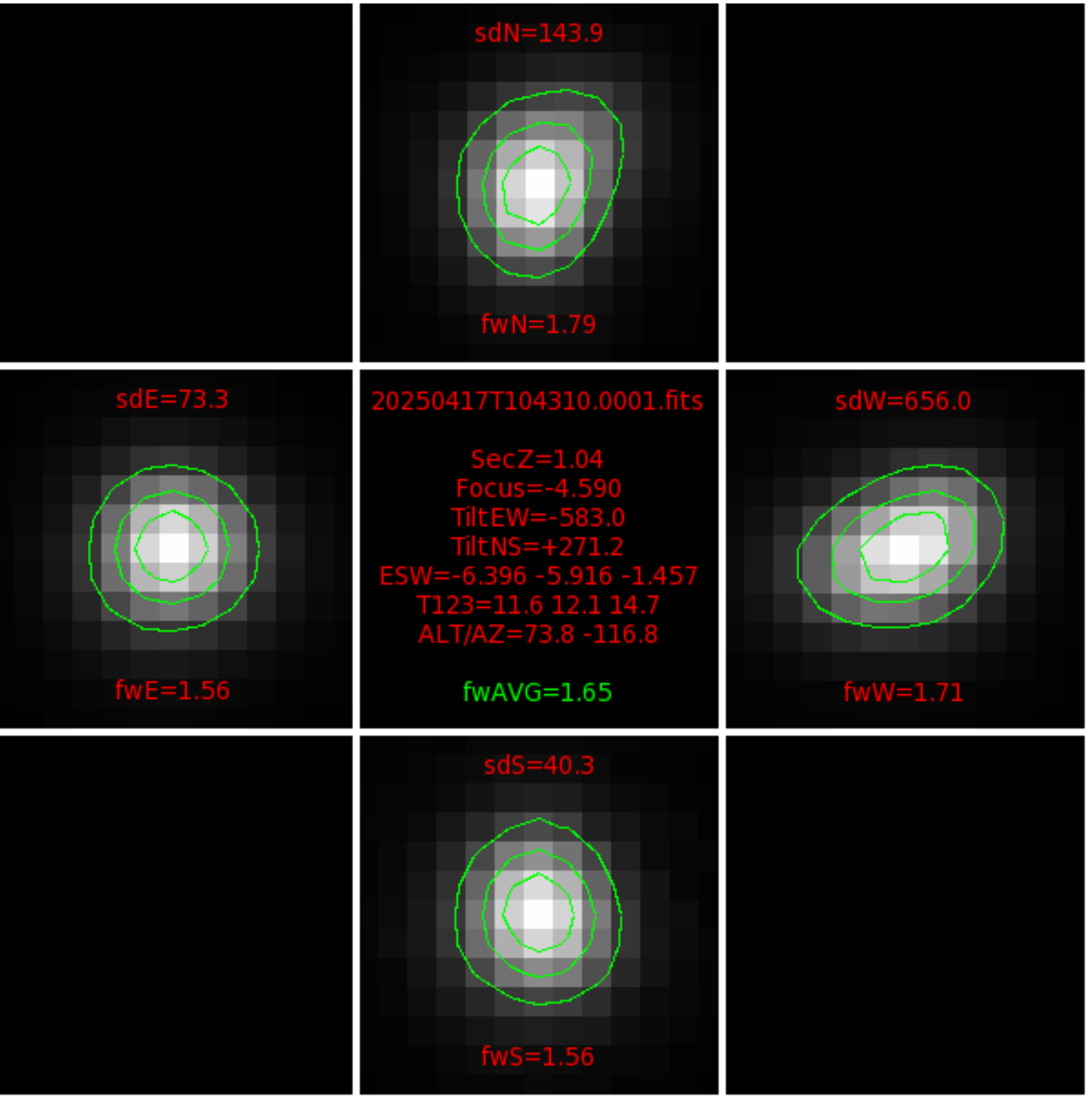
sdN=143.9
fwN=1.79
sdE=73.3
fwE=1.56
20250417T104310.0001.fits
SecZ=1.04
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.1 14.7
ALT/AZ=73.8 -116.8
fwAVG=1.65
sdW=656.0
fwW=1.71
sdS=40.3
fwS=1.56
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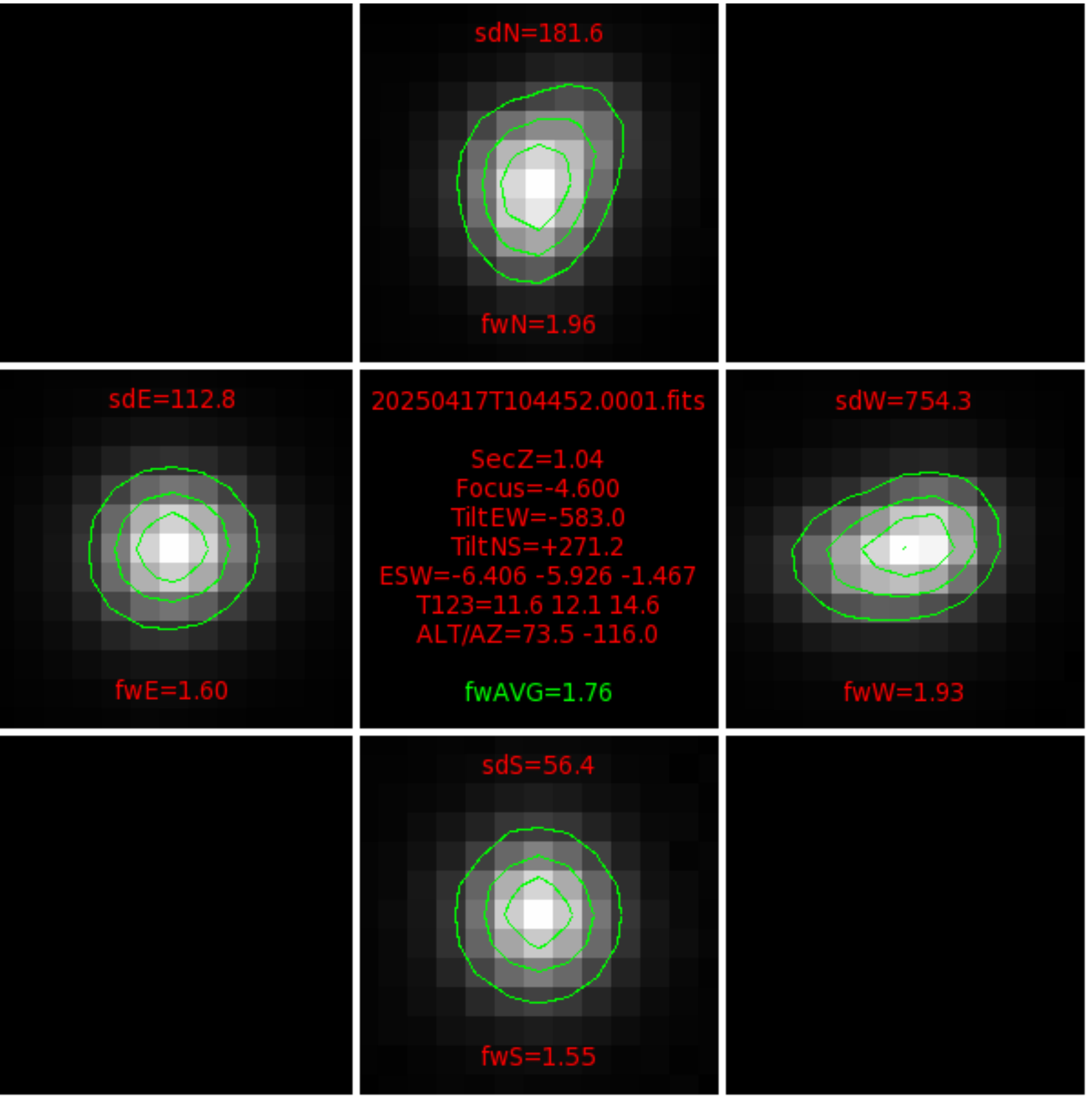
sdN=181.6
fwN=1.96
sdE=112.8
fwE=1.60
20250417T104452.0001.fits
SecZ=1.04
Focus=-4.600
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.406 -5.926 -1.467
T123=11.6 12.1 14.6
ALT/AZ=73.5 -116.0
fwAVG=1.76
sdW=754.3
fwW=1.93
sdS=56.4
fwS=1.55
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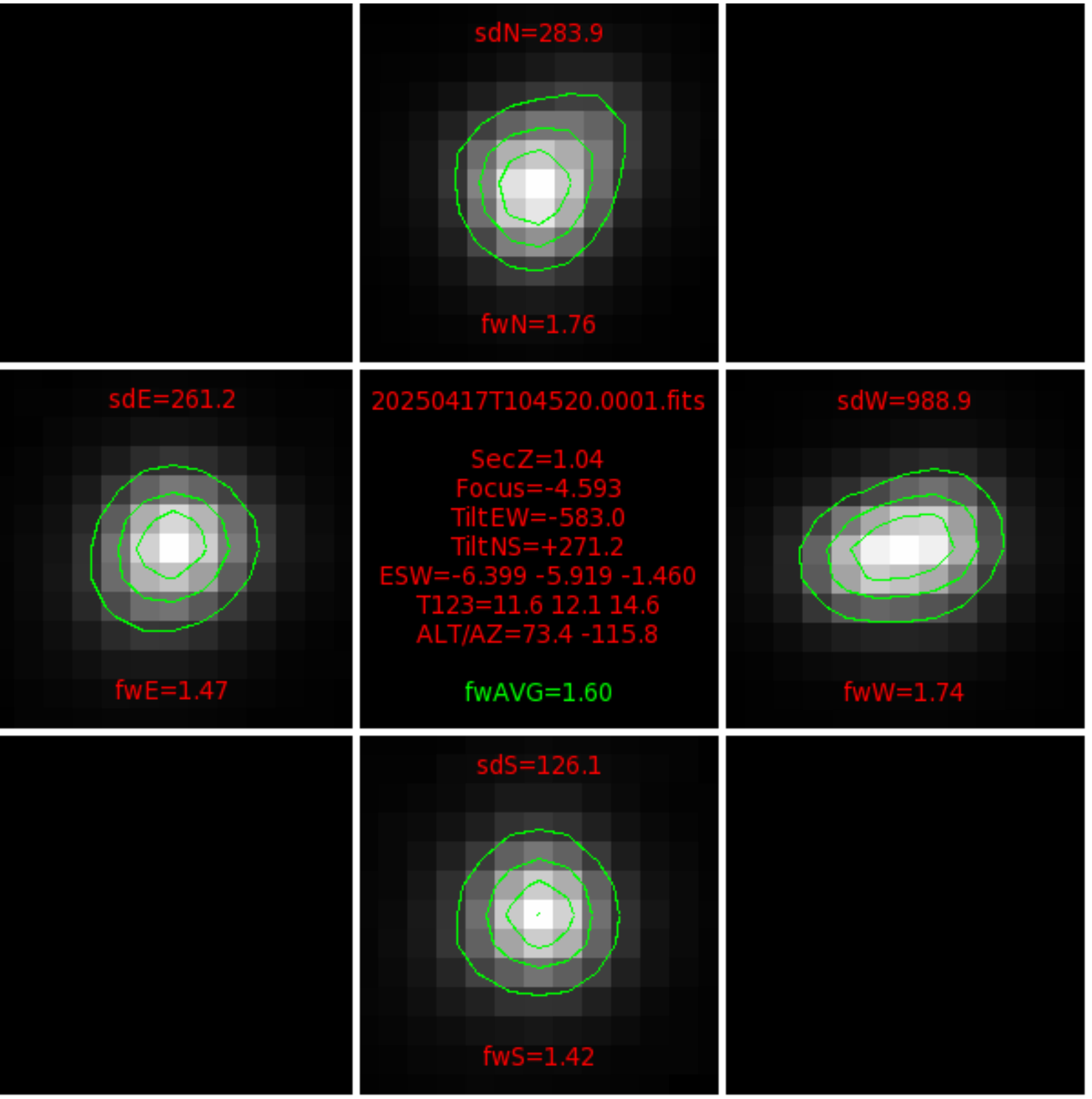
sdN=283.9
fwN=1.76
sdE=261.2
fwE=1.47
20250417T104520.0001.fits
SecZ=1.04
Focus=-4.593
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.399 -5.919 -1.460
T123=11.6 12.1 14.6
ALT/AZ=73.4 -115.8
fwAVG=1.60
sdW=988.9
fwW=1.74
sdS=126.1
fwS=1.42
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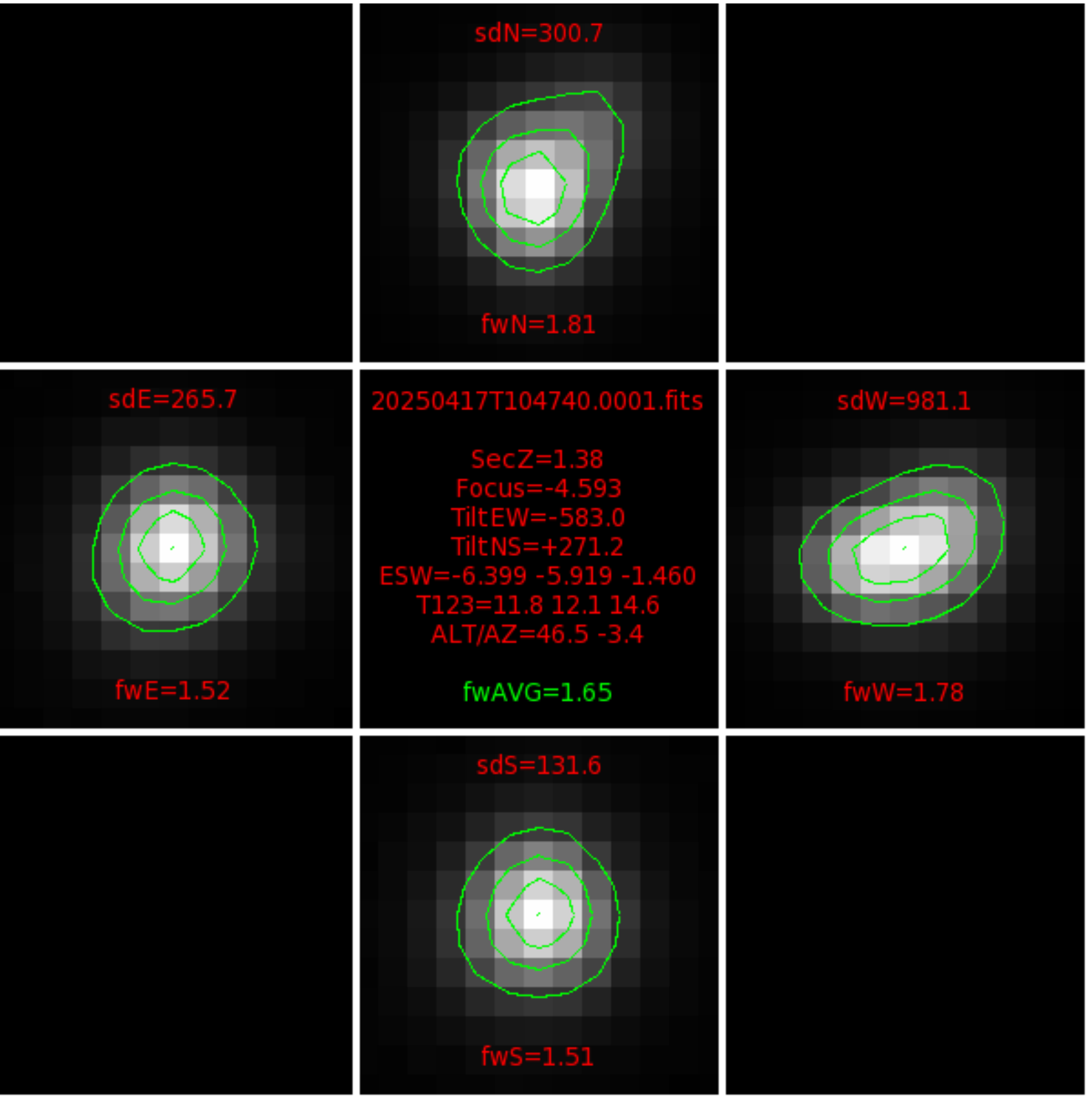
sdN=300.7
fwN=1.81
sdE=265.7
fwE=1.52
20250417T104740.0001.fits
SecZ=1.38
Focus=-4.593
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.399 -5.919 -1.460
T123=11.8 12.1 14.6
ALT/AZ=46.5 -3.4
fwAVG=1.65
sdW=981.1
fwW=1.78
sdS=131.6
fwS=1.51
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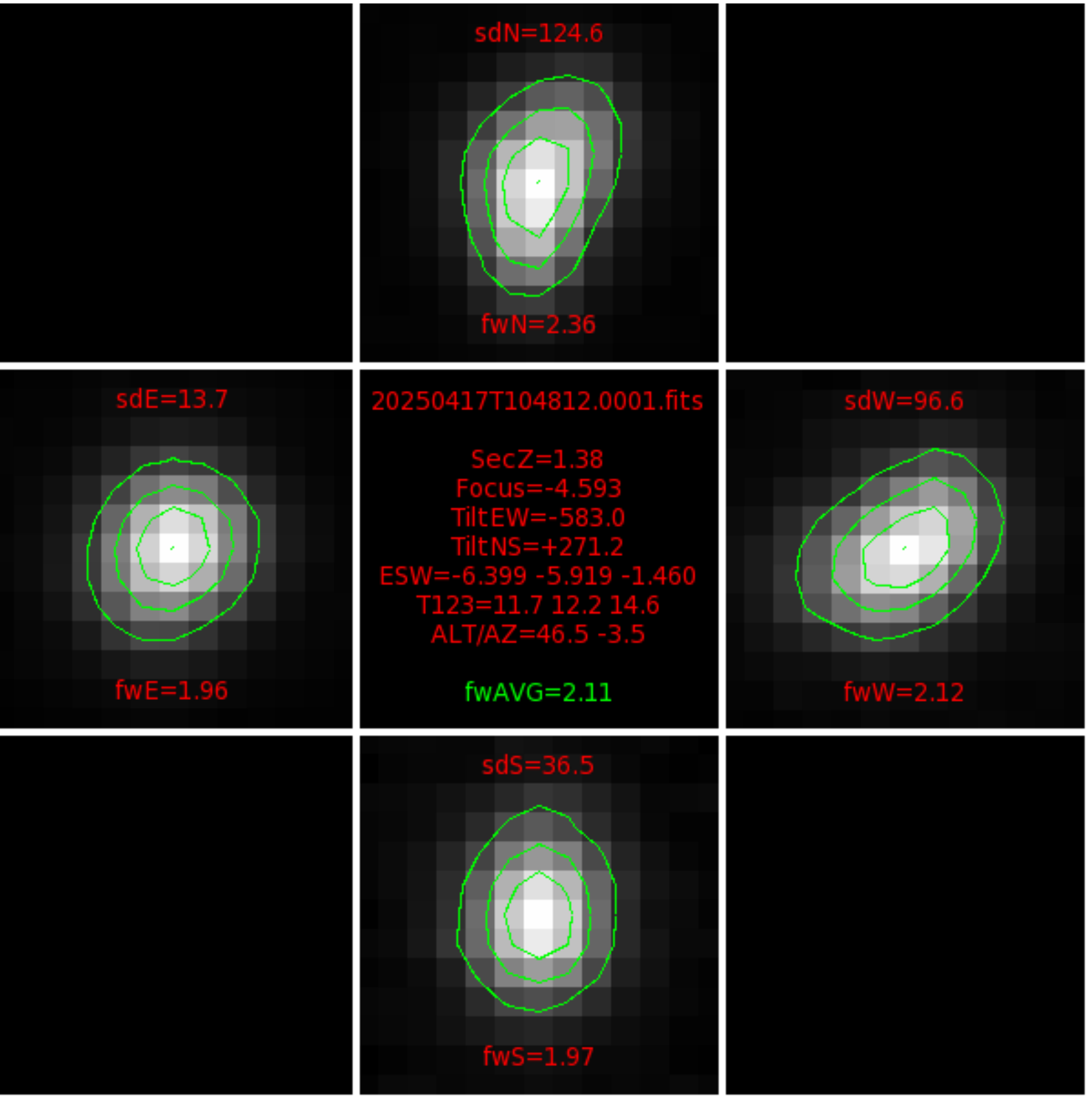
sdN=124.6
fwN=2.36
sdE=13.7
fwE=1.96
20250417T104812.0001.fits
SecZ=1.38
Focus=-4.593
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.399 -5.919 -1.460
T123=11.7 12.2 14.6
ALT/AZ=46.5 -3.5
fwAVG=2.11
sdW=96.6
fwW=2.12
sdS=36.5
fwS=1.97
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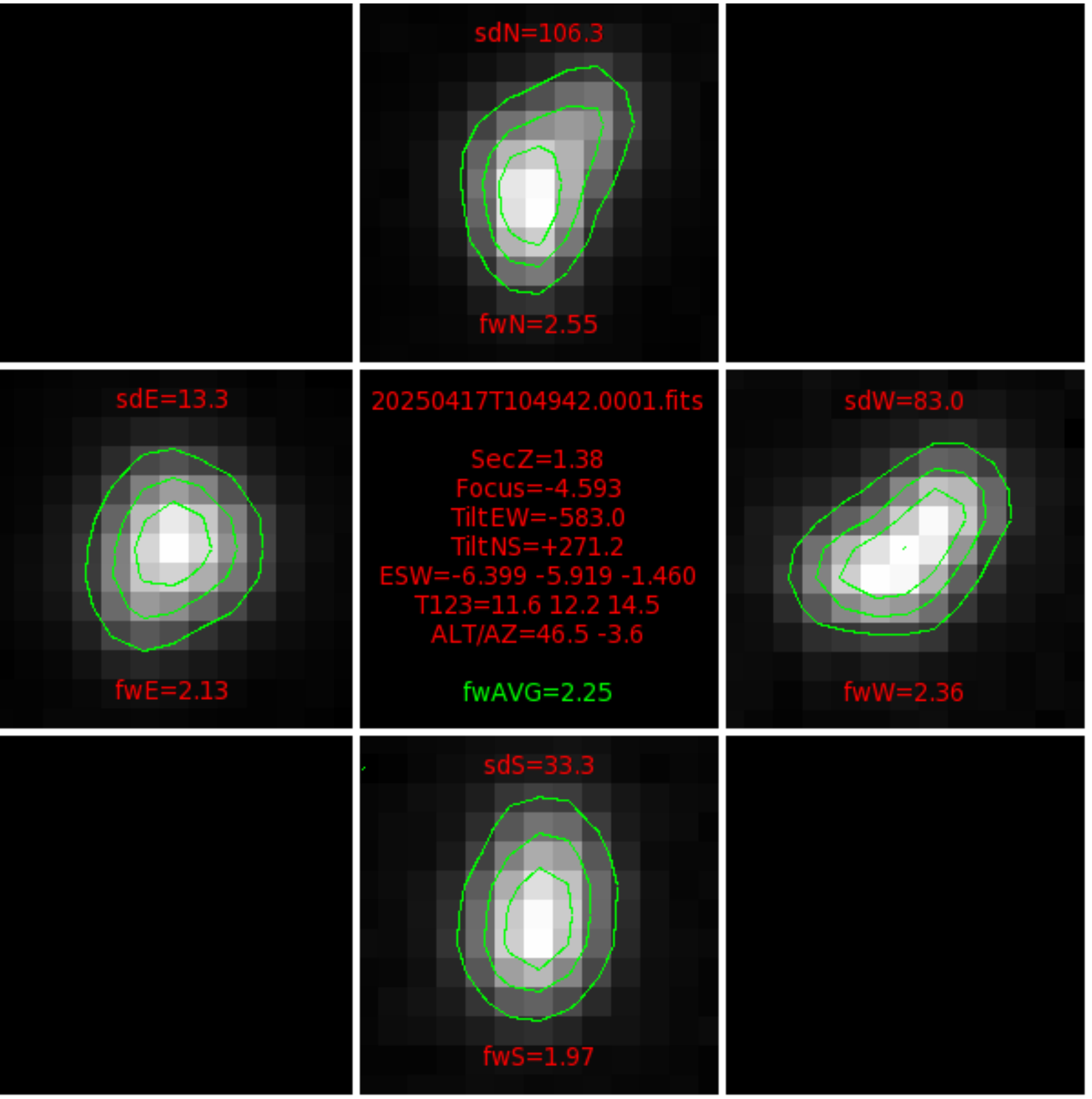
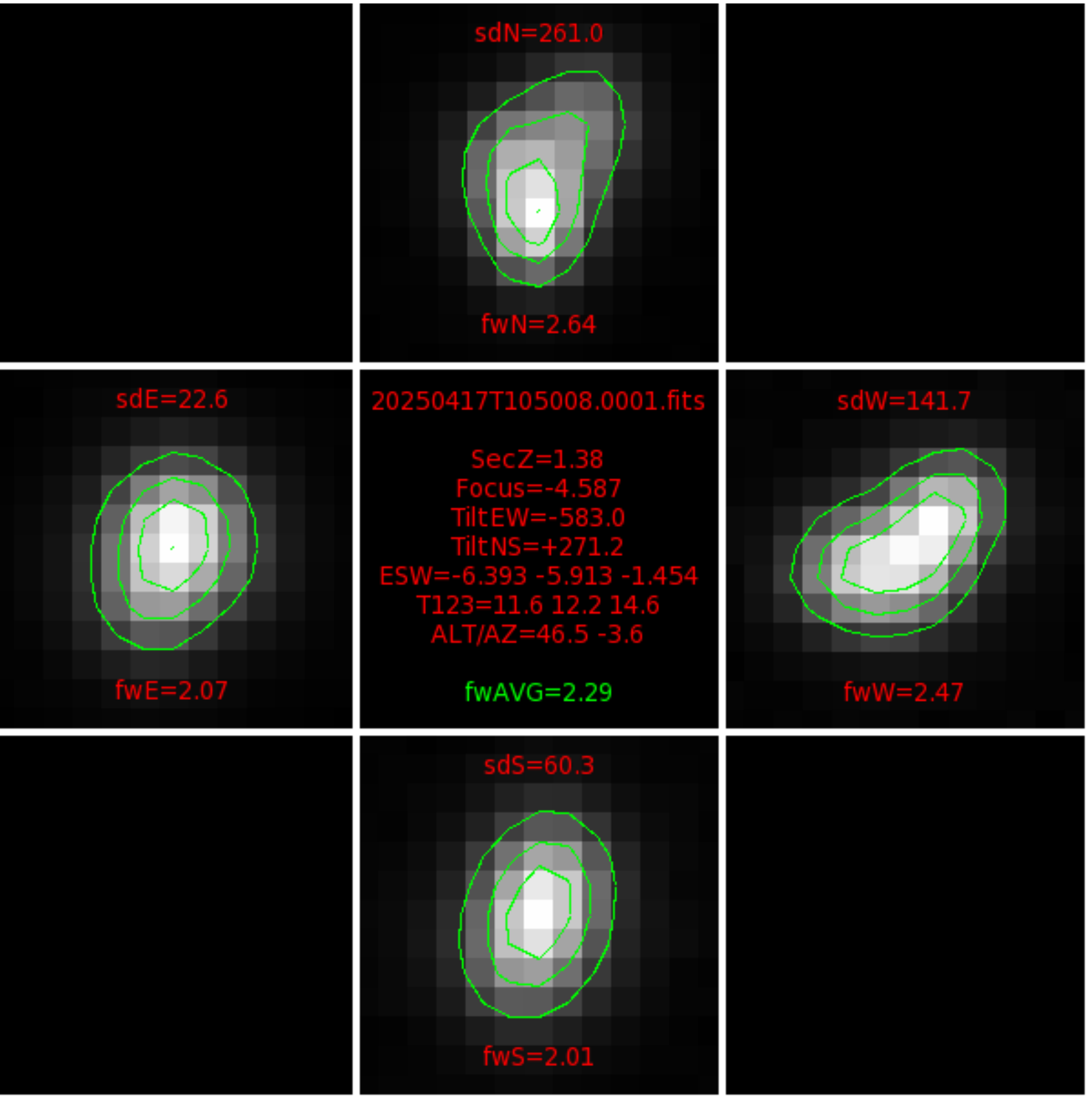

sdN=106.3
fwN=2.55
sdE=13.3
fwE=2.13
20250417T104942.0001.fits
SecZ=1.38
Focus=-4.593
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.399 -5.919 -1.460
T123=11.6 12.2 14.5
ALT/AZ=46.5 -3.6
fwAVG=2.25
sdW=83.0
fwW=2.36
sdS=33.3
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=261.0
fwN=2.64
sdE=22.6
fwE=2.07
20250417T105008.0001.fits
SecZ=1.38
Focus=-4.587
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.393 -5.913 -1.454
T123=11.6 12.2 14.6
ALT/AZ=46.5 -3.6
fwAVG=2.29
sdW=141.7
fwW=2.47
sdS=60.3
fwS=2.01
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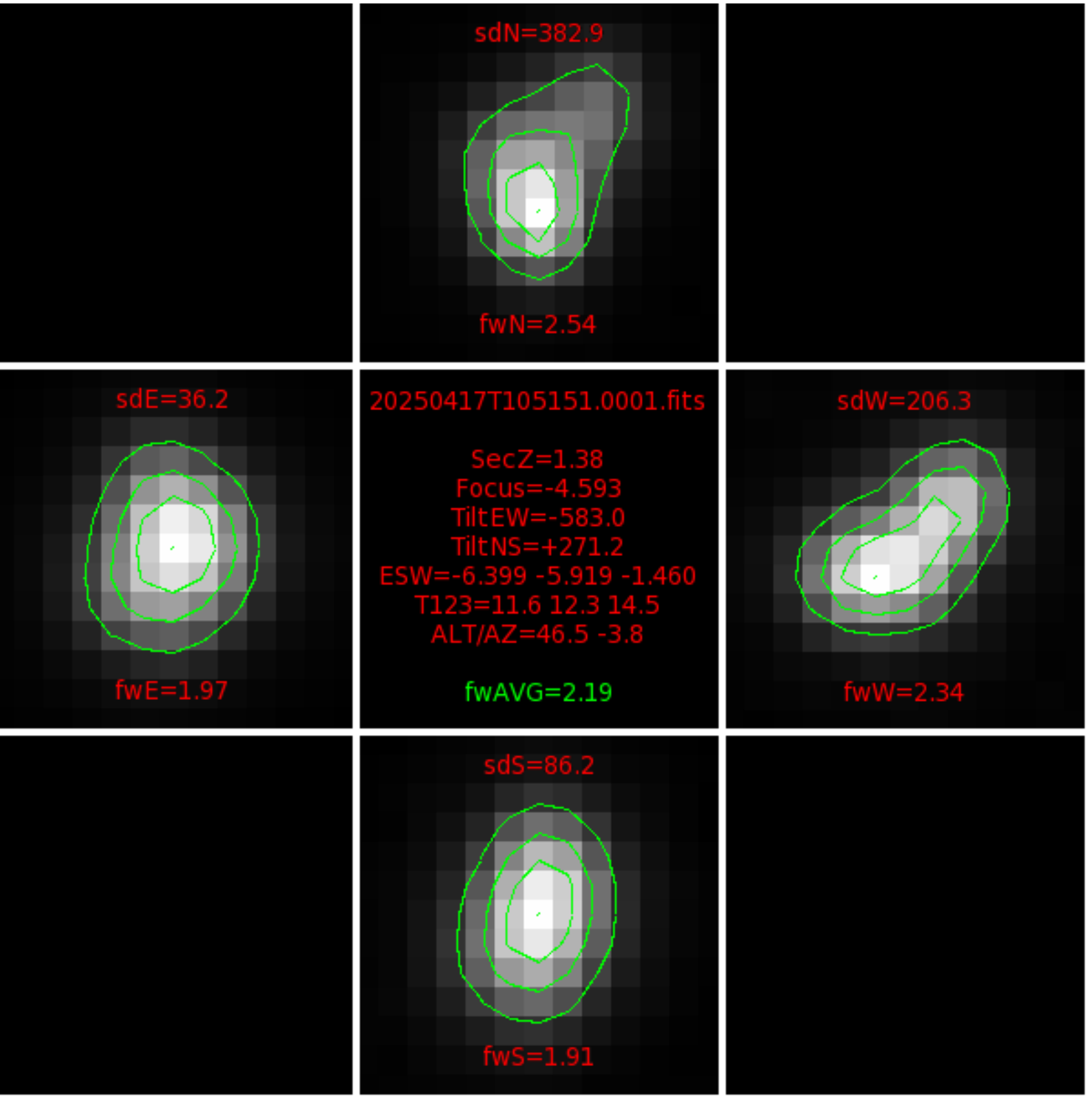
sdN=382.9
fwN=2.54
sdE=36.2
fwE=1.97
20250417T105151.0001.fits
SecZ=1.38
Focus=-4.593
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.399 -5.919 -1.460
T123=11.6 12.3 14.5
ALT/AZ=46.5 -3.8
fwAVG=2.19
sdW=206.3
fwW=2.34
sdS=86.2
fwS=1.91
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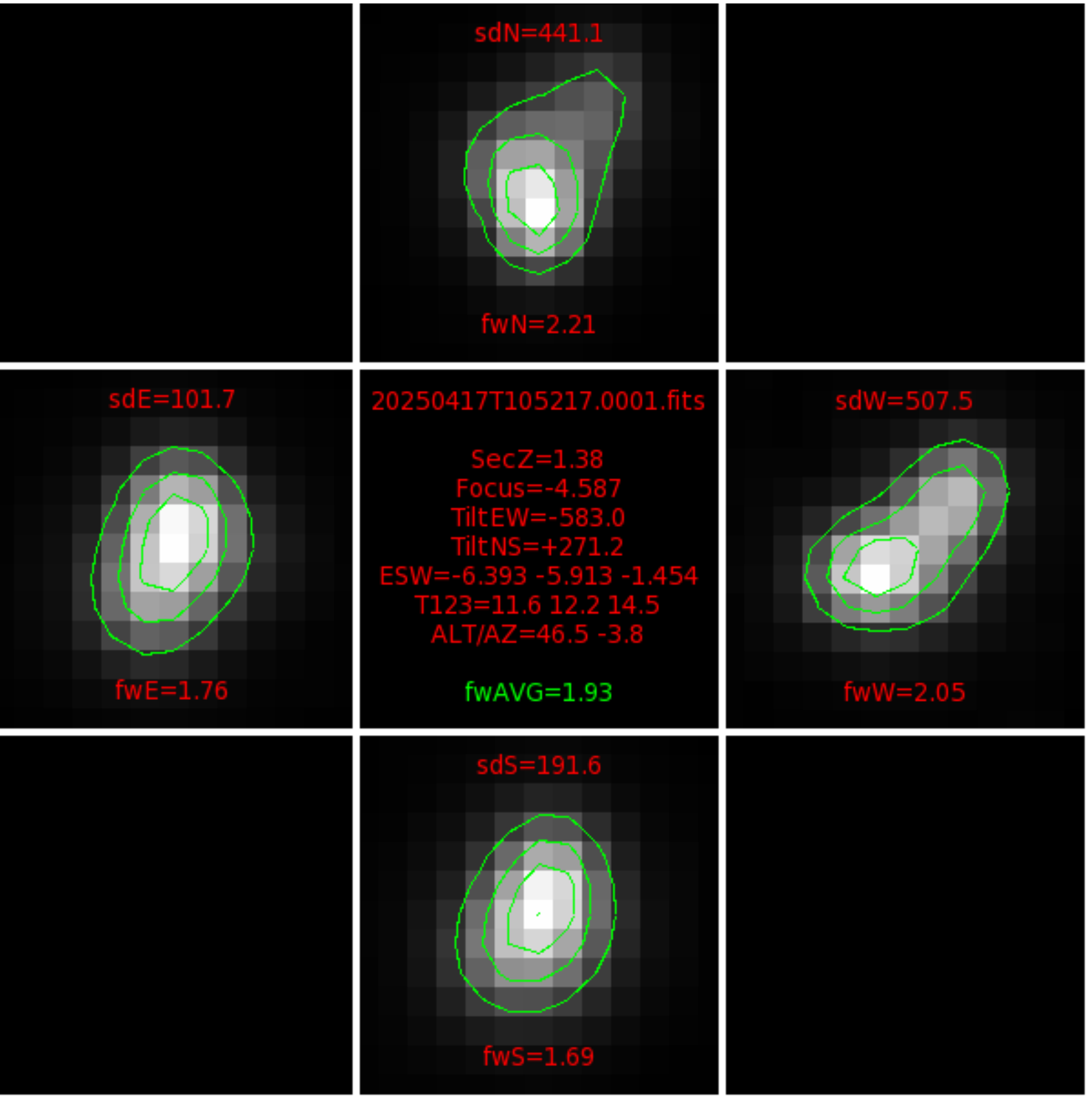
sdN=441.1
fwN=2.21
sdE=101.7
fwE=1.76
20250417T105217.0001.fits
SecZ=1.38
Focus=-4.587
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.393 -5.913 -1.454
T123=11.6 12.2 14.5
ALT/AZ=46.5 -3.8
fwAVG=1.93
sdW=507.5
fwW=2.05
sdS=191.6
fwS=1.69
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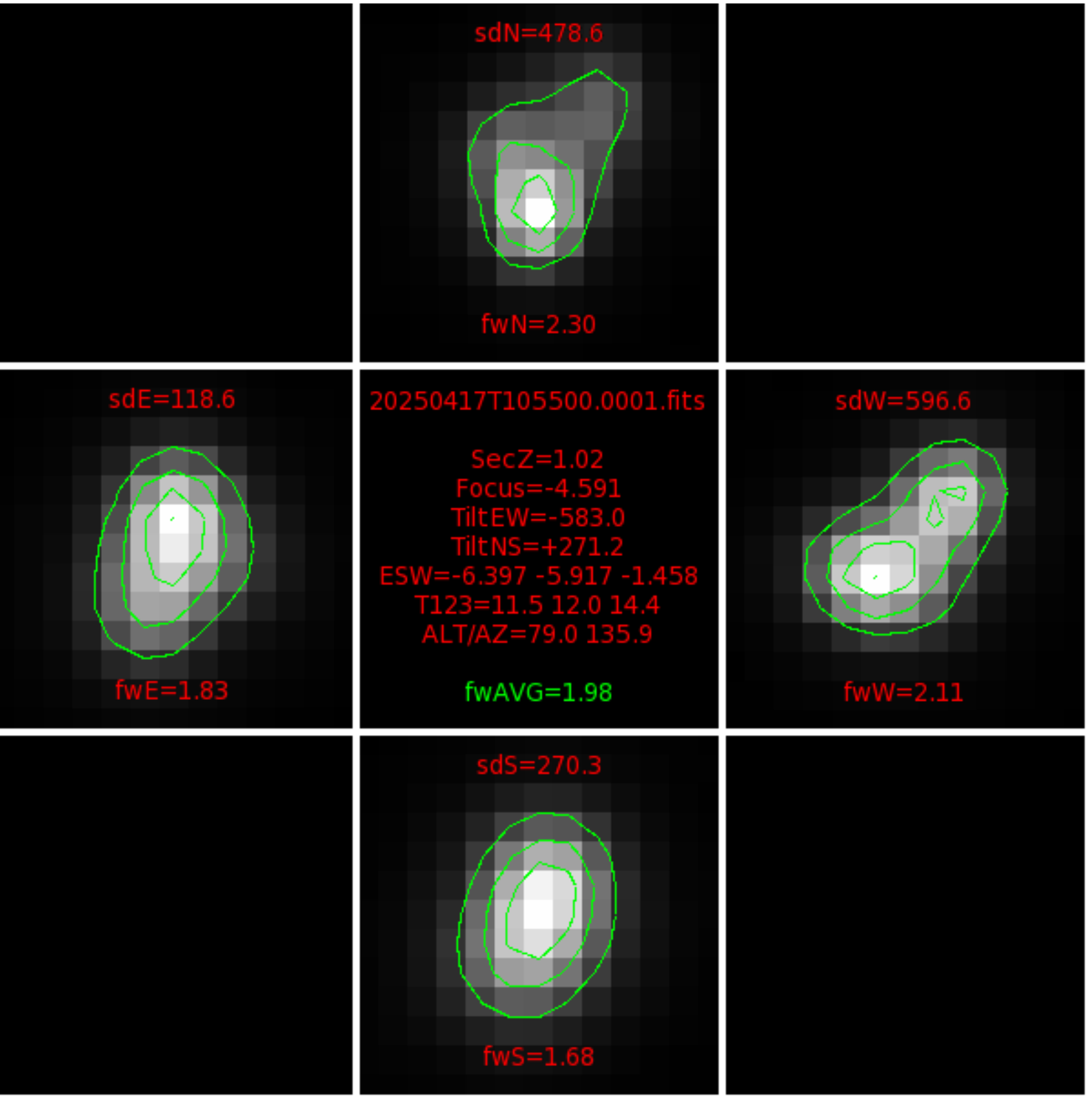
sdN=478.6
fwN=2.30
sdE=118.6
fwE=1.83
20250417T105500.0001.fits
SecZ=1.02
Focus=-4.591
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.397 -5.917 -1.458
T123=11.5 12.0 14.4
ALT/AZ=79.0 135.9
fwAVG=1.98
sdW=596.6
fwW=2.11
sdS=270.3
fwS=1.68
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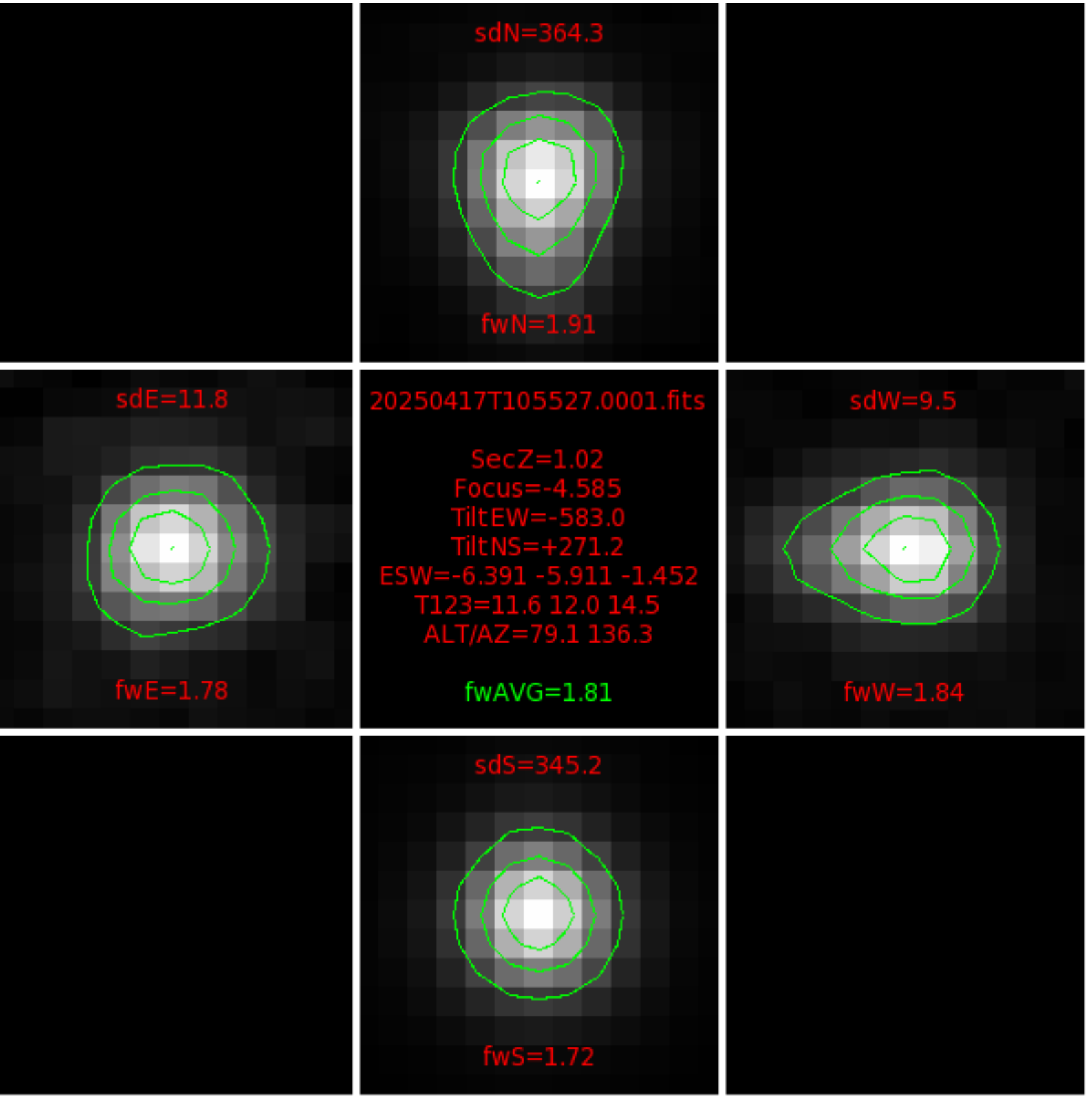
sdN=364.3
fwN=1.91
sdE=11.8
fwE=1.78
20250417T105527.0001.fits
SecZ=1.02
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.6 12.0 14.5
ALT/AZ=79.1 136.3
fwAVG=1.81
sdW=9.5
fwW=1.84
sdS=345.2
fwS=1.72
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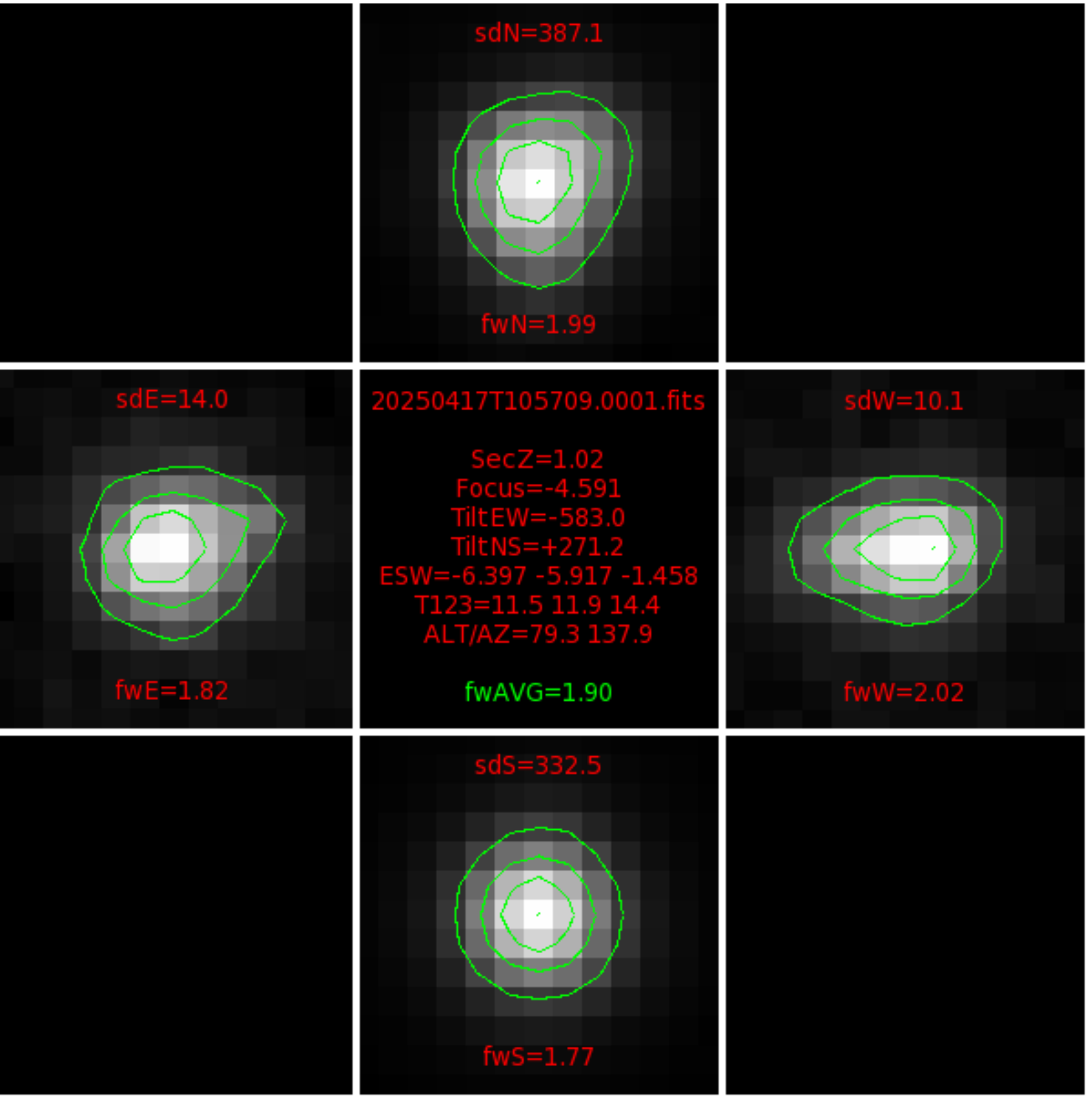
sdN=387.1
fwN=1.99
sdE=14.0
fwE=1.82
20250417T105709.0001.fits
SecZ=1.02
Focus=-4.591
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.397 -5.917 -1.458
T123=11.5 11.9 14.4
ALT/AZ=79.3 137.9
fwAVG=1.90
sdW=10.1
fwW=2.02
sdS=332.5
fwS=1.77
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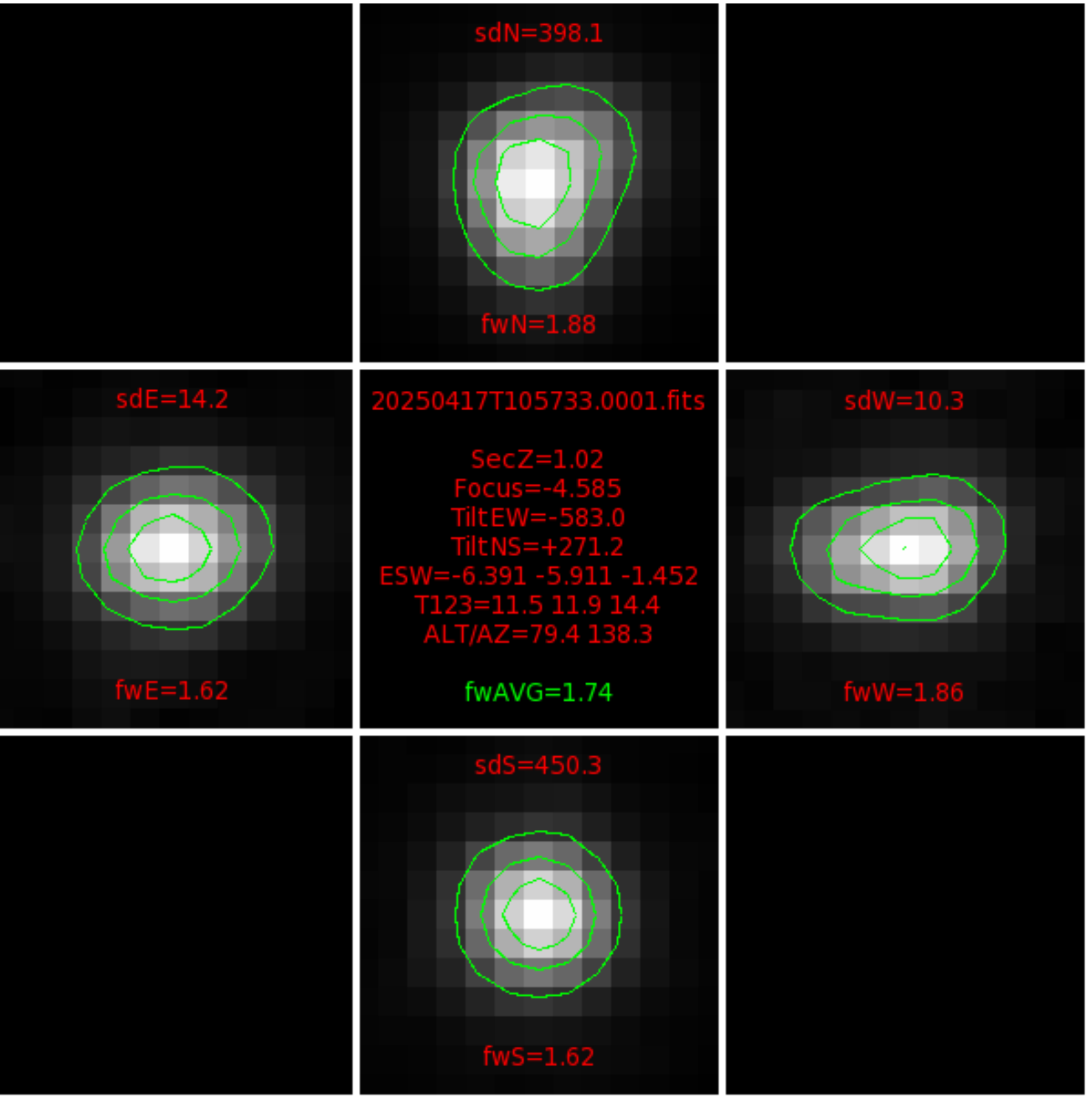
sdN=398.1
fwN=1.88
sdE=14.2
fwE=1.62
20250417T105733.0001.fits
SecZ=1.02
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.5 11.9 14.4
ALT/AZ=79.4 138.3
fwAVG=1.74
sdW=10.3
fwW=1.86
sdS=450.3
fwS=1.62
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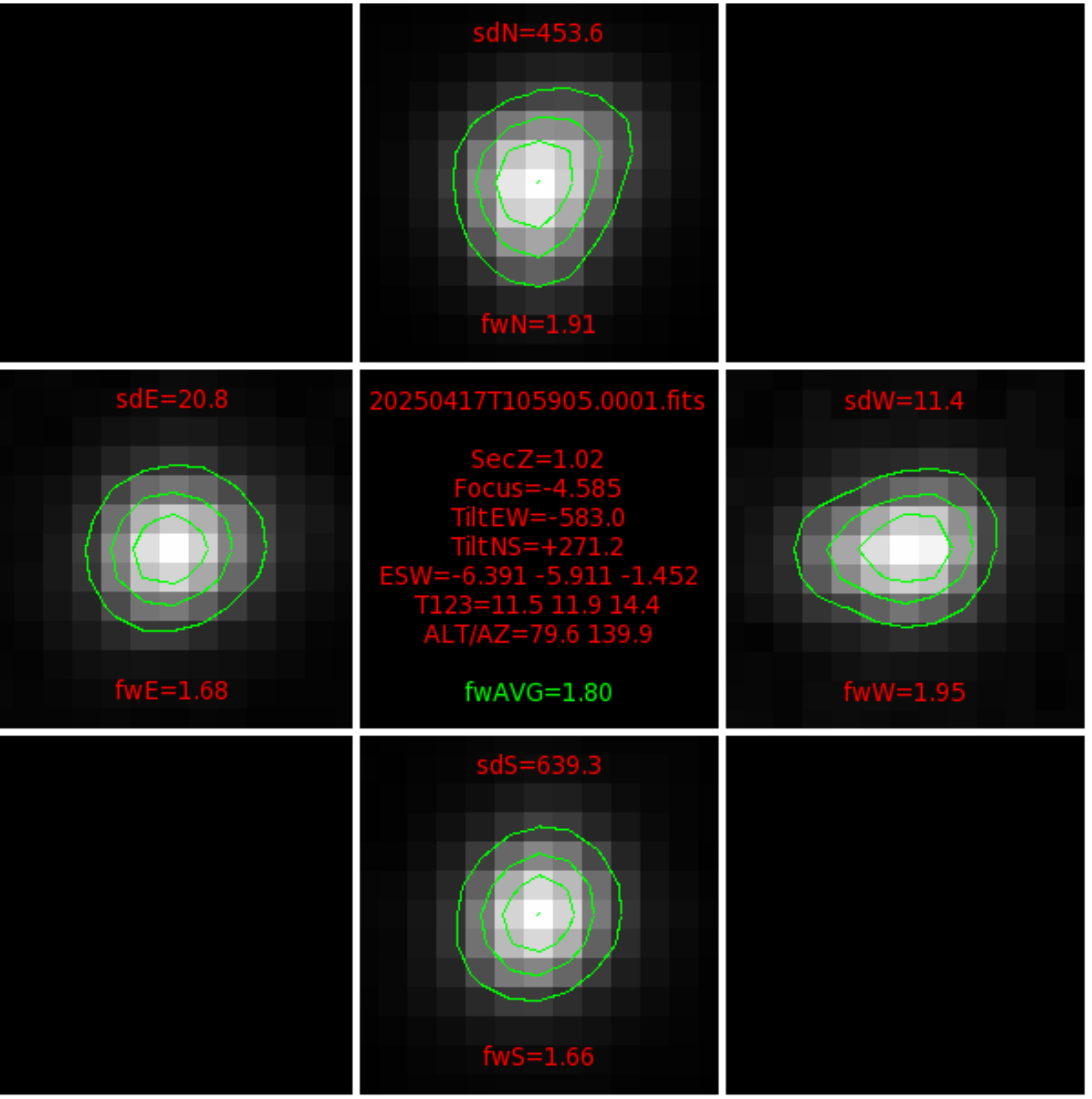
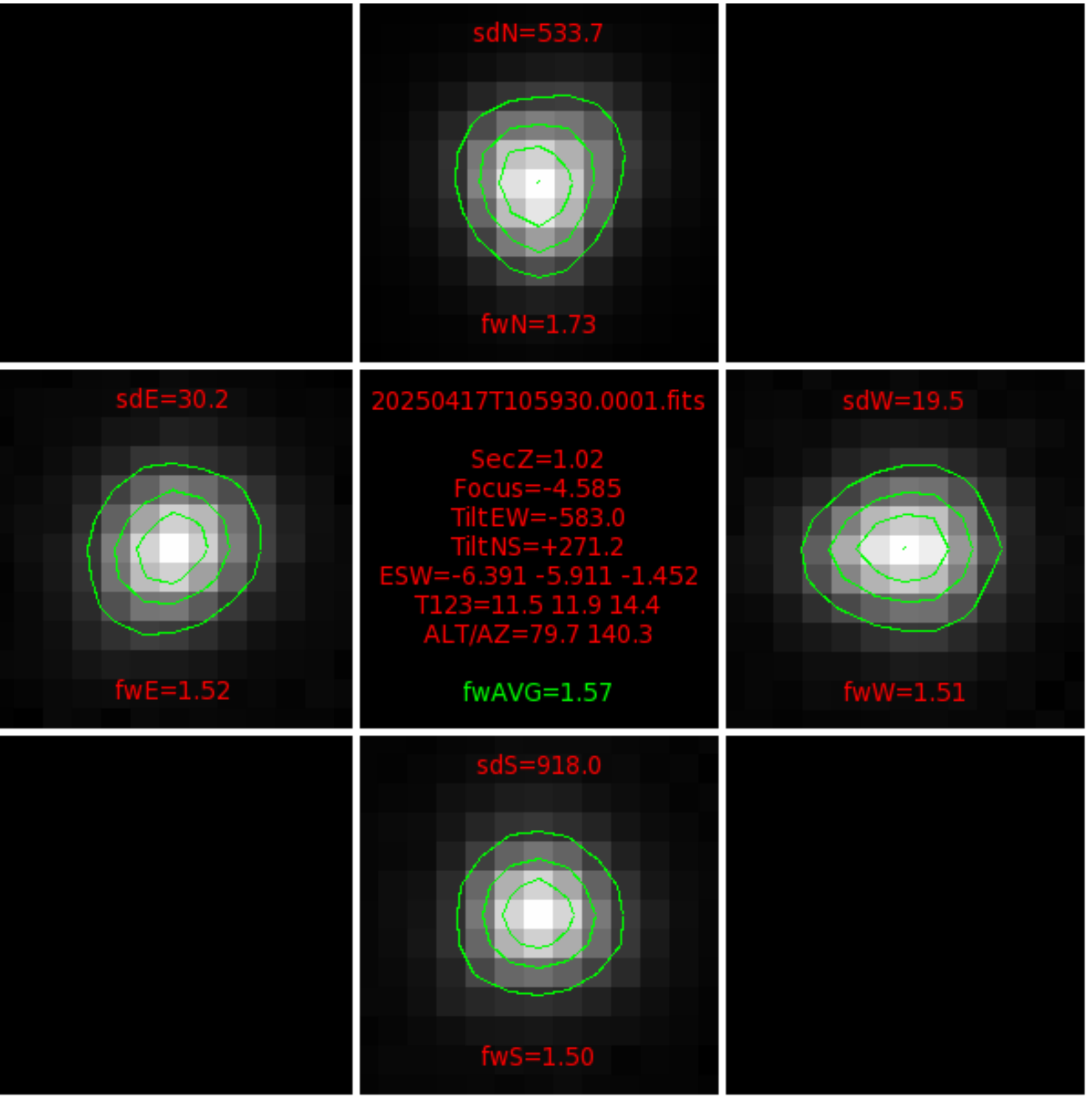

sdN=453.6
fwN=1.91
sdE=20.8
fwE=1.68
20250417T105905.0001.fits
SecZ=1.02
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.5 11.9 14.4
ALT/AZ=79.6 139.9
fwAVG=1.80
sdW=11.4
fwW=1.95
sdS=639.3
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=533.7
fwN=1.73
sdE=30.2
fwE=1.52
20250417T105930.0001.fits
SecZ=1.02
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.5 11.9 14.4
ALT/AZ=79.7 140.3
fwAVG=1.57
sdW=19.5
fwW=1.51
sdS=918.0
fwS=1.50
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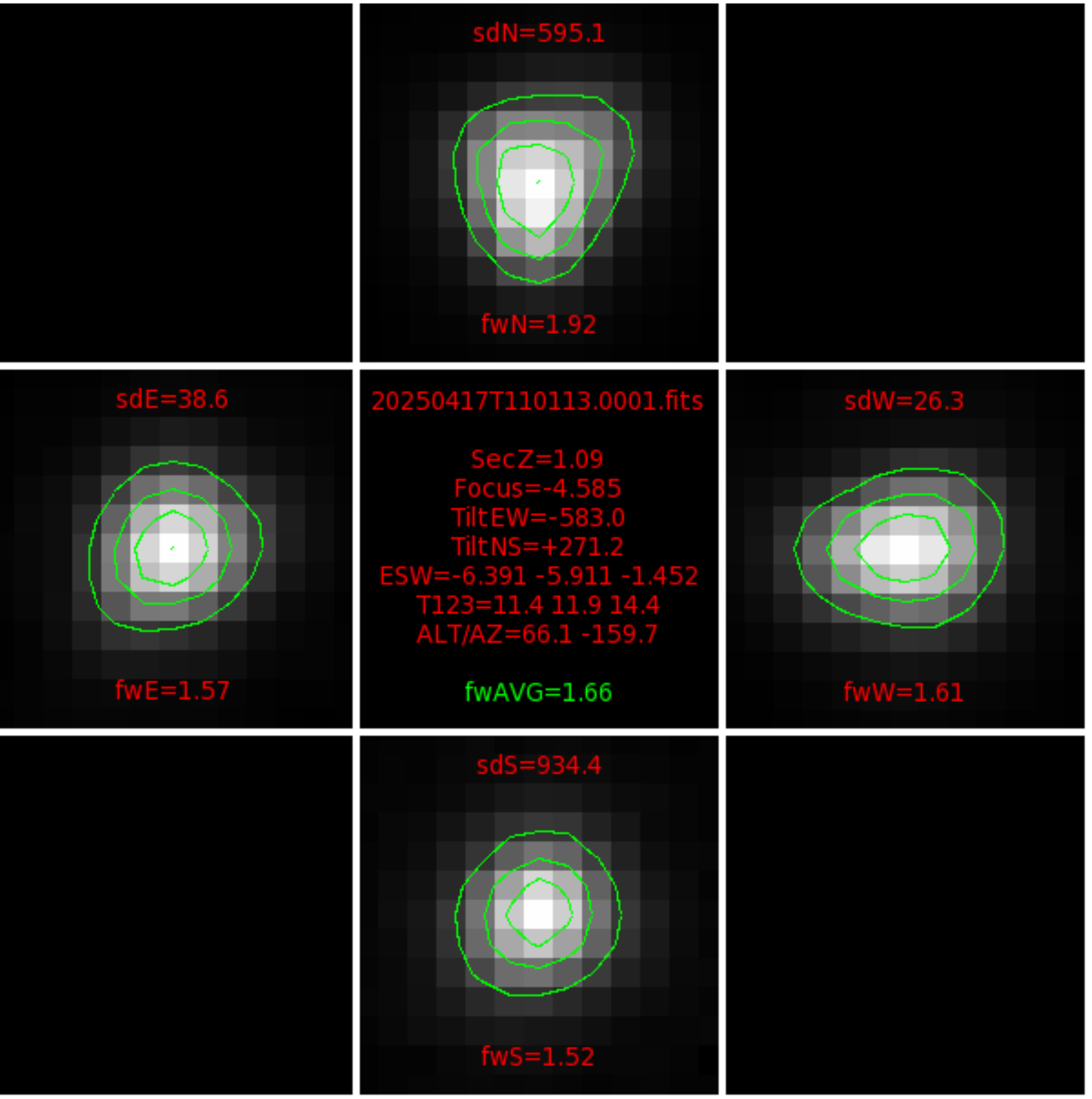
sdN=595.1
fwN=1.92
sdE=38.6
fwE=1.57
20250417T110113.0001.fits
SecZ=1.09
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.4 11.9 14.4
ALT/AZ=66.1 -159.7
fwAVG=1.66
sdW=26.3
fwW=1.61
sdS=934.4
fwS=1.52
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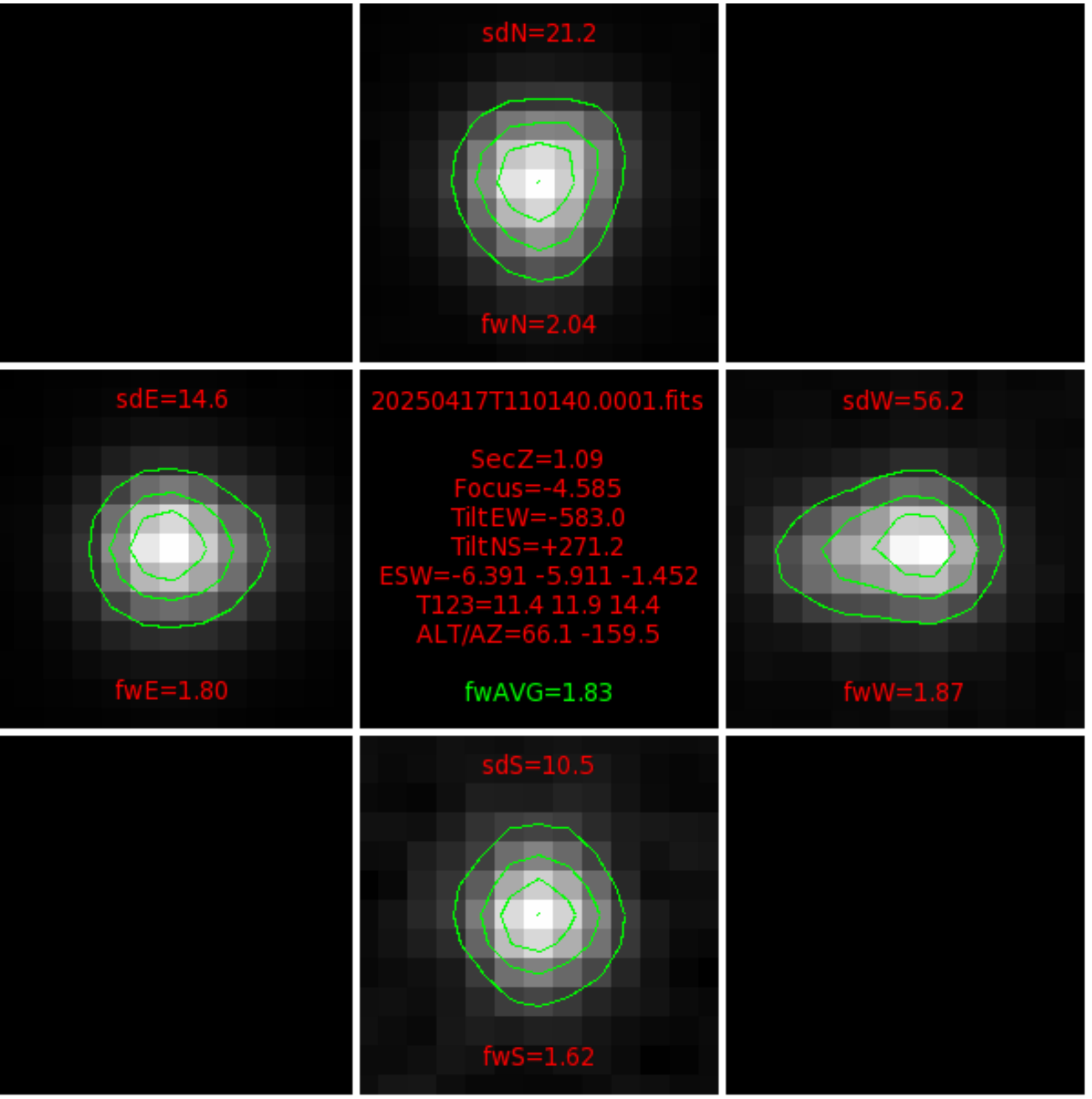
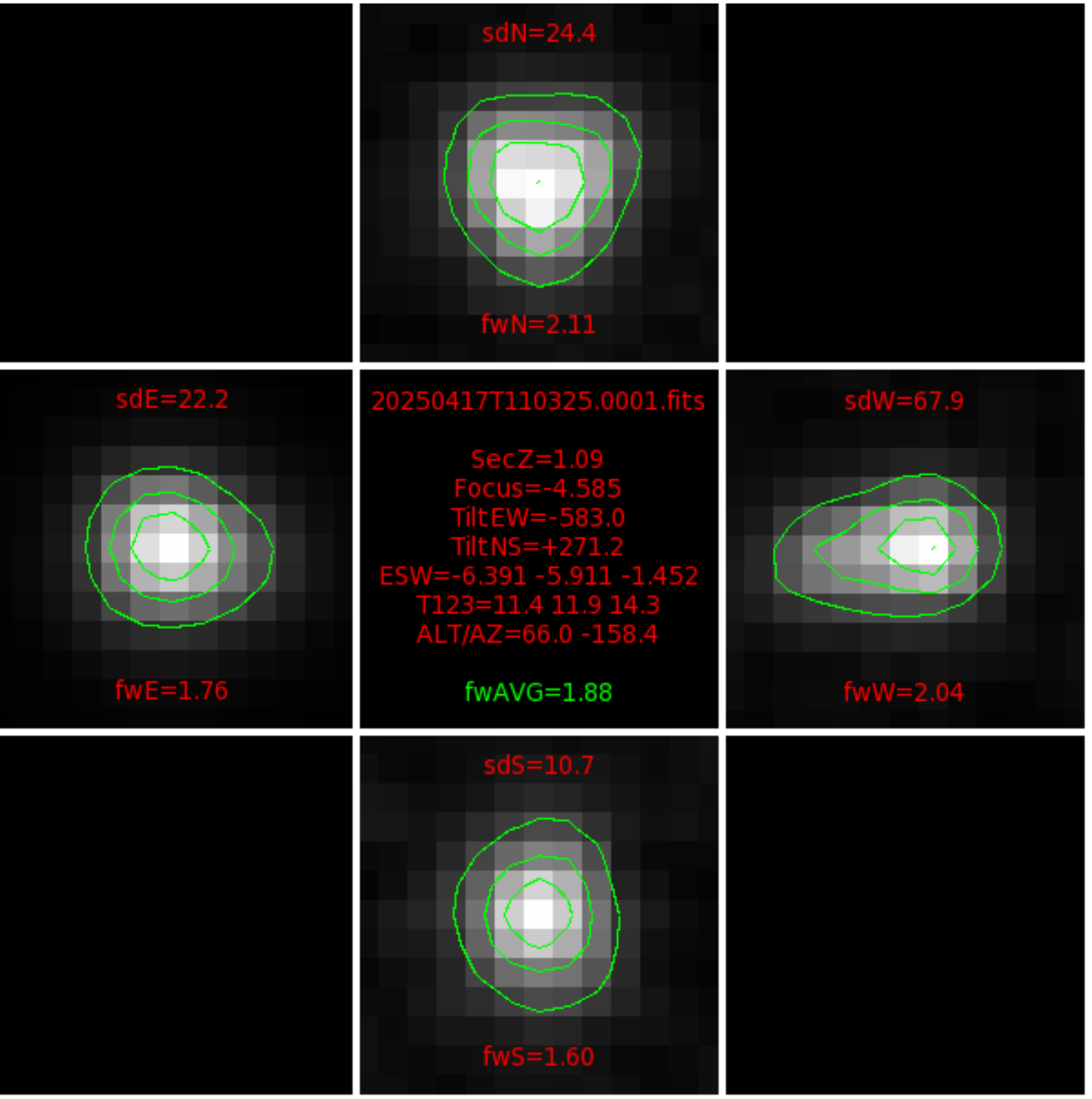

sdN=21.2
fwN=2.04
sdE=14.6
fwE=1.80
20250417T110140.0001.fits
SecZ=1.09
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.4 11.9 14.4
ALT/AZ=66.1 -159.5
fwAVG=1.83
sdW=56.2
fwW=1.87
sdS=10.5
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=24.4
fwN=2.11
sdE=22.2
fwE=1.76
20250417T110325.0001.fits
SecZ=1.09
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.4 11.9 14.3
ALT/AZ=66.0 -158.4
fwAVG=1.88
sdW=67.9
fwW=2.04
sdS=10.7
fwS=1.60
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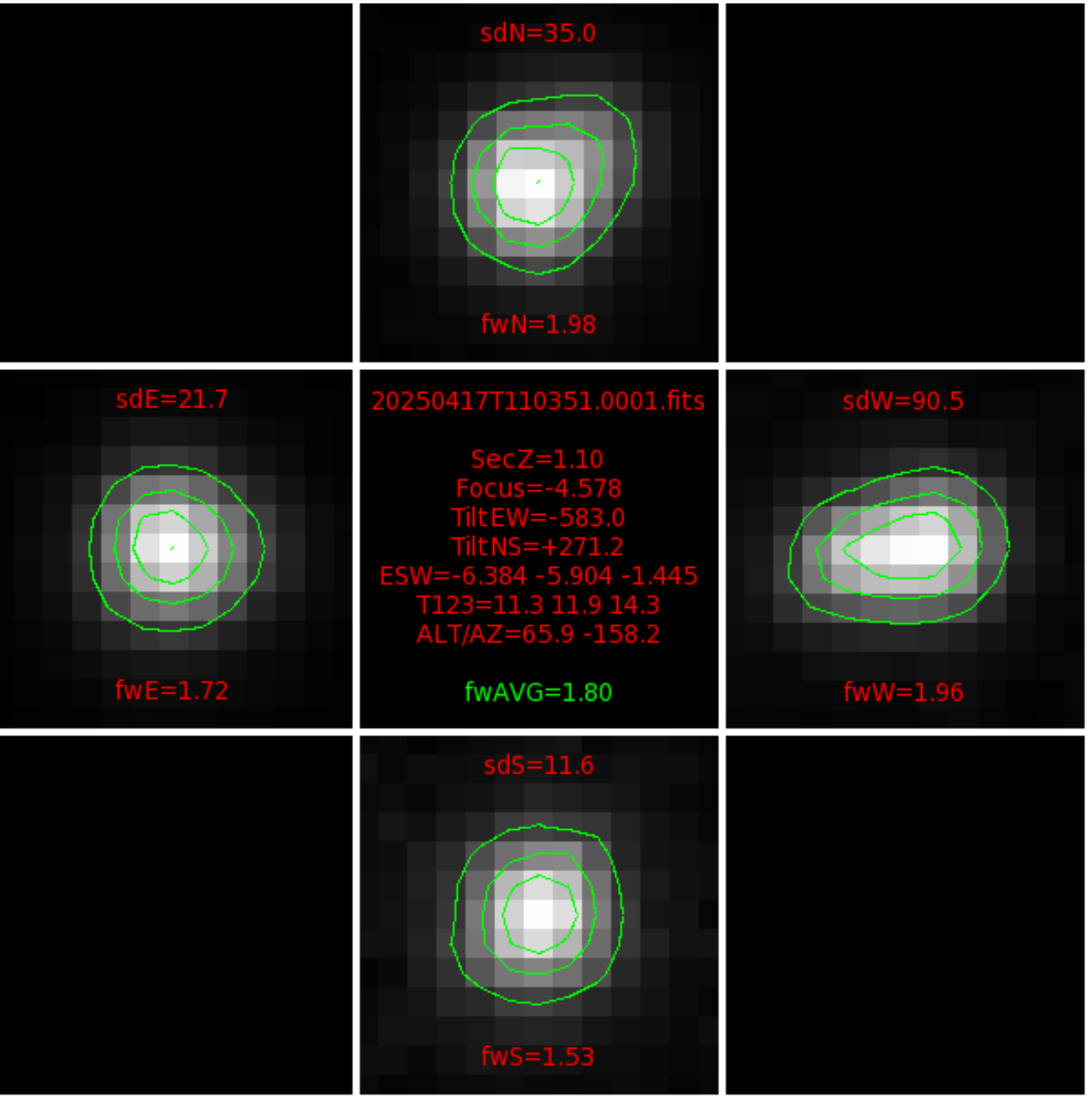
sdN=35.0
fwN=1.98
sdE=21.7
fwE=1.72
20250417T110351.0001.fits
SecZ=1.10
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.3 11.9 14.3
ALT/AZ=65.9 -158.2
fwAVG=1.80
sdW=90.5
fwW=1.96
sdS=11.6
fwS=1.53
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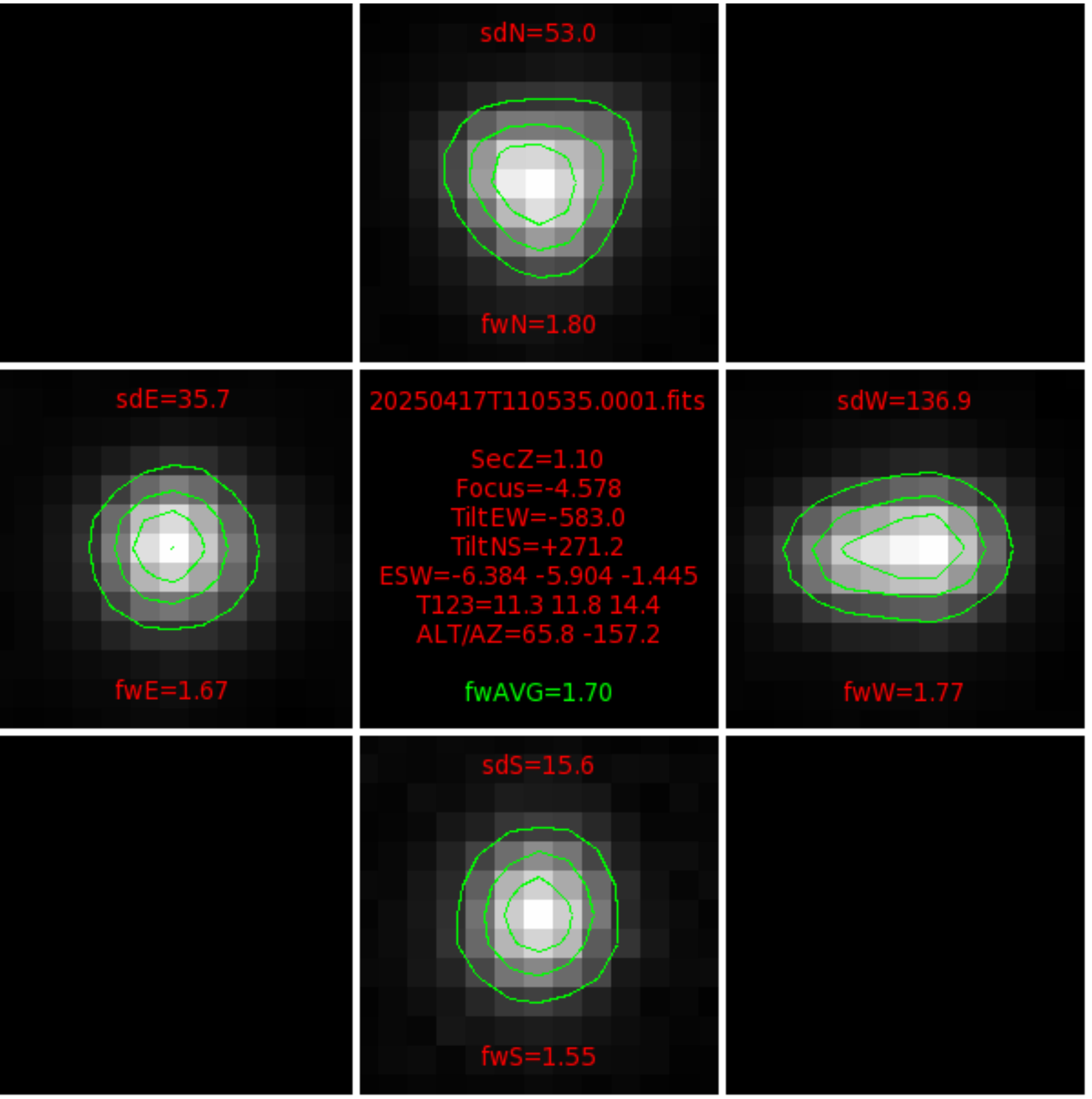
sdN=53.0
fwN=1.80
sdE=35.7
fwE=1.67
20250417T110535.0001.fits
SecZ=1.10
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.3 11.8 14.4
ALT/AZ=65.8 -157.2
fwAVG=1.70
sdW=136.9
fwW=1.77
sdS=15.6
fwS=1.55
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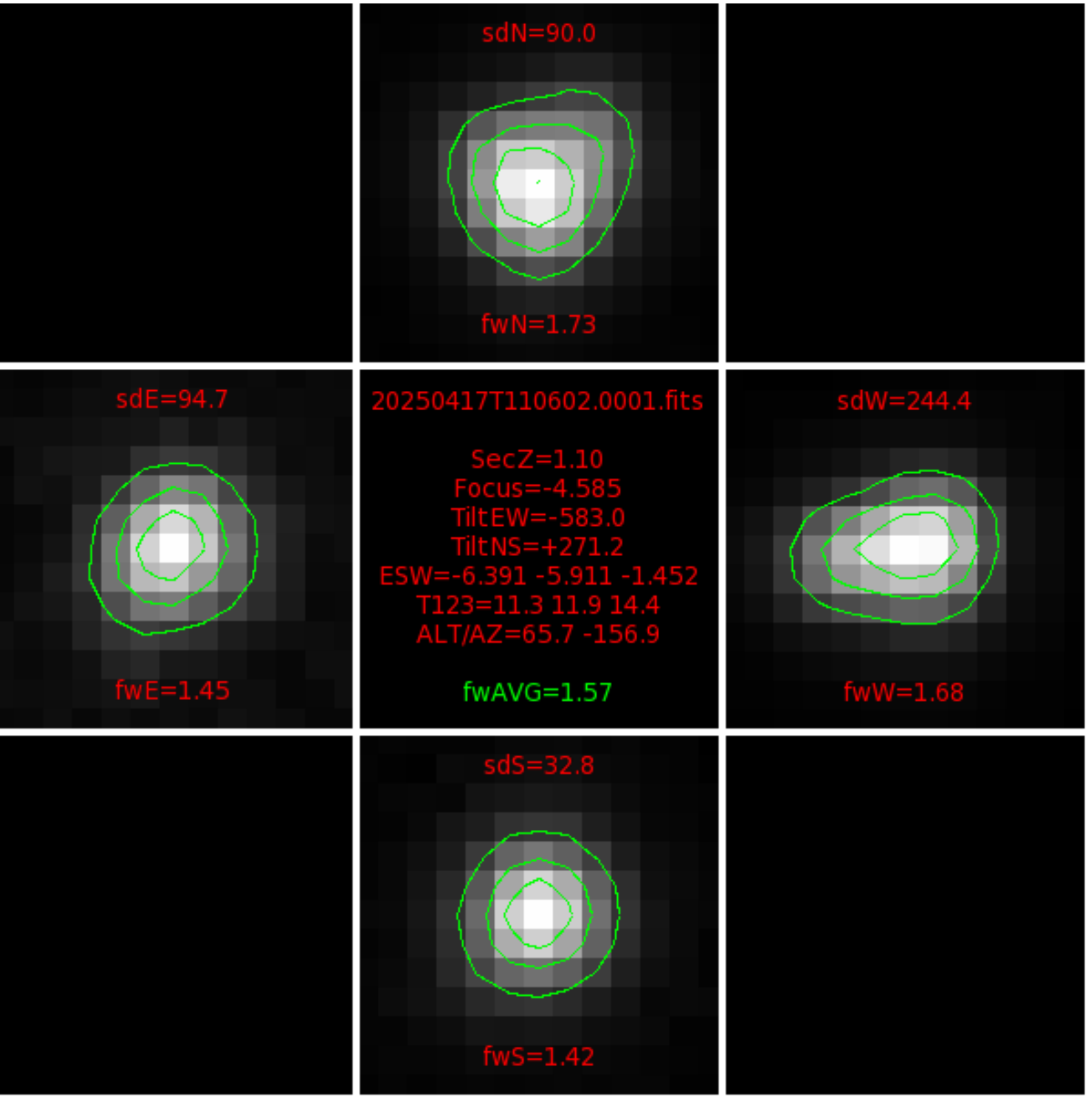
sdN=90.0
fwN=1.73
sdE=94.7
fwE=1.45
20250417T110602.0001.fits
SecZ=1.10
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.3 11.9 14.4
ALT/AZ=65.7 -156.9
fwAVG=1.57
sdW=244.4
fwW=1.68
sdS=32.8
fwS=1.42
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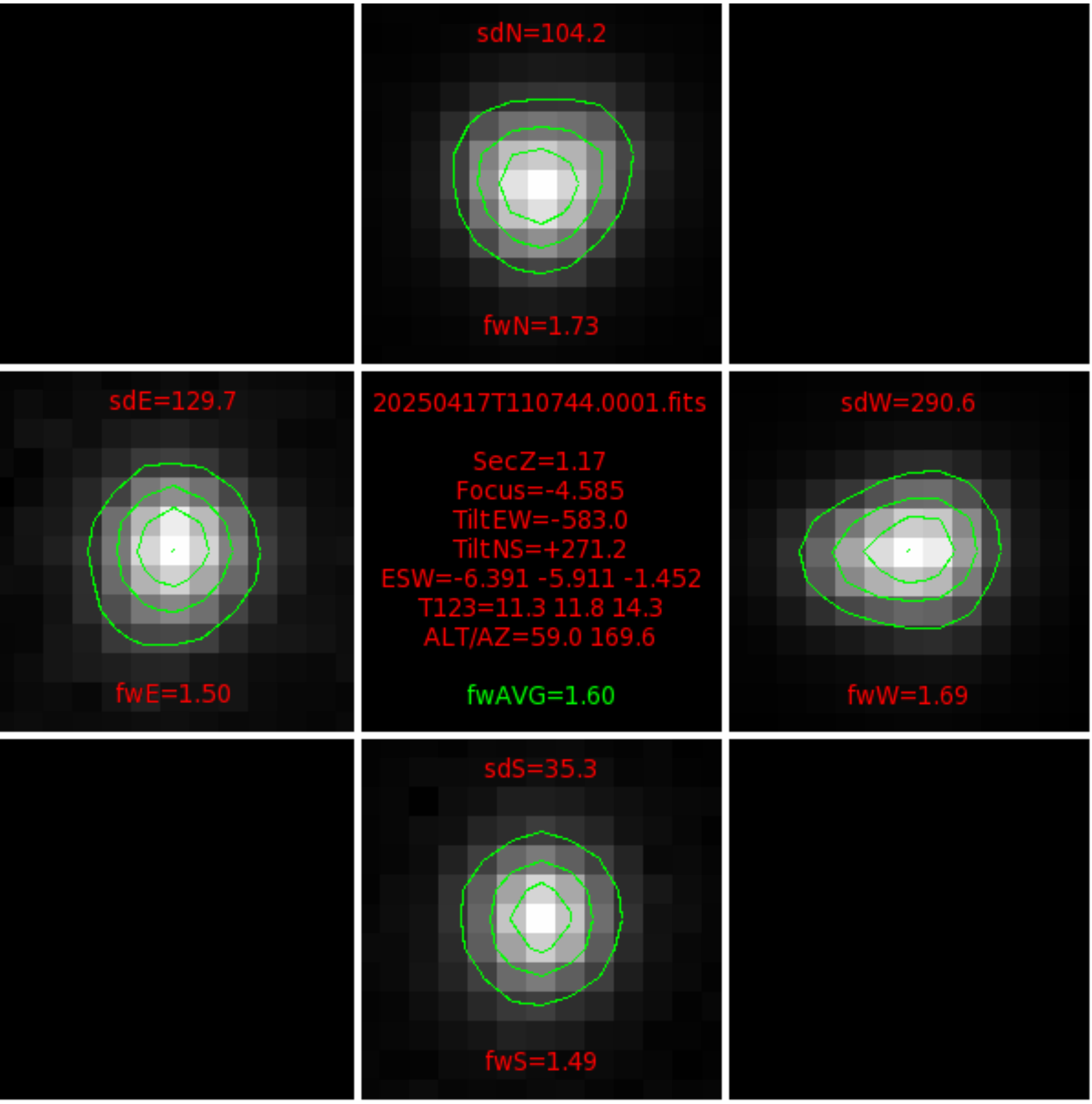
sdN=104.2
fwN=1.73
sdE=129.7
fwE=1.50
20250417T110744.0001.fits
SecZ=1.17
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.3 11.8 14.3
ALT/AZ=59.0 169.6
fwAVG=1.60
sdW=290.6
fwW=1.69
sdS=35.3
fwS=1.49
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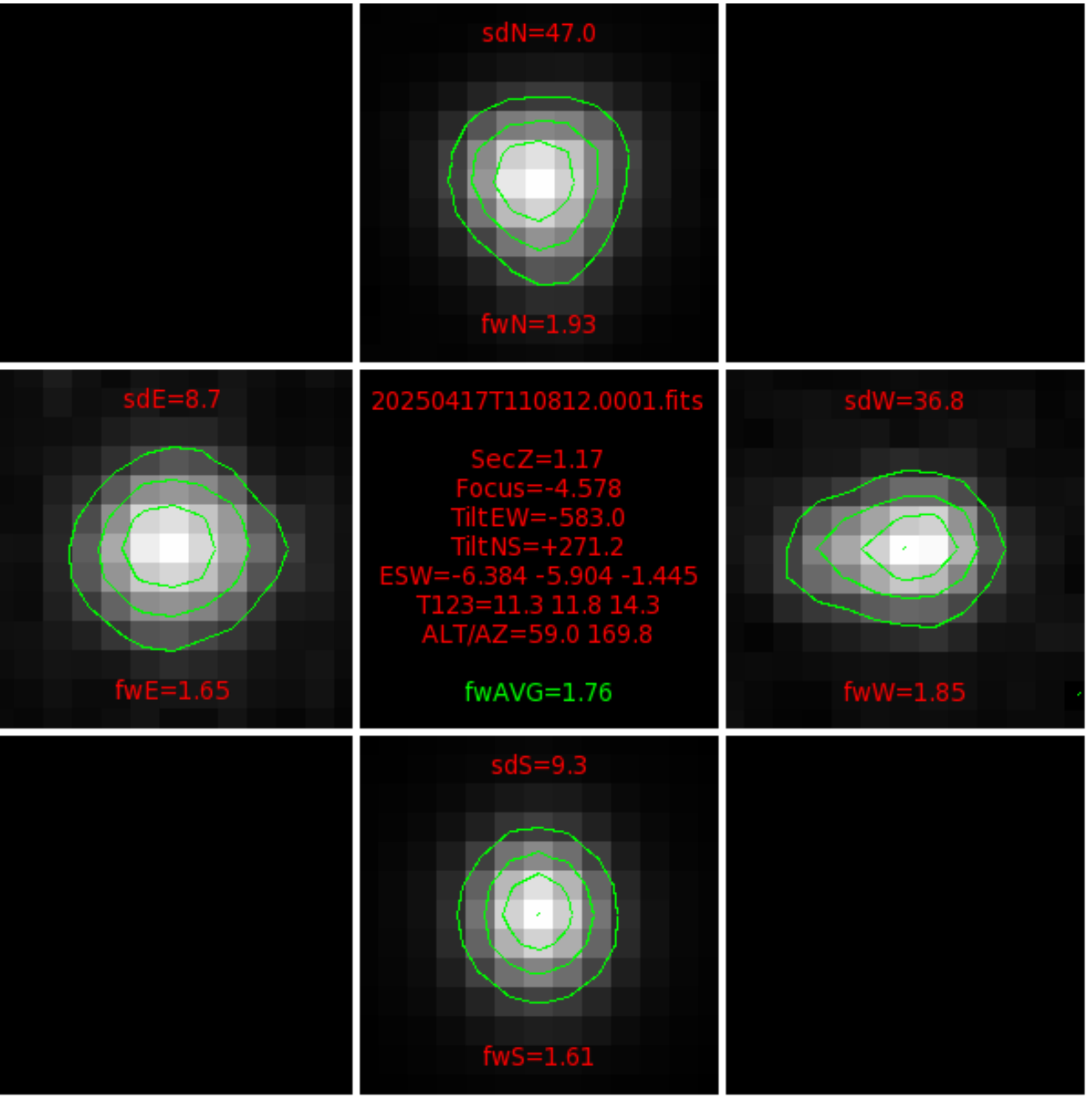
sdN=47.0
fwN=1.93
sdE=8.7
fwE=1.65
20250417T110812.0001.fits
SecZ=1.17
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.3 11.8 14.3
ALT/AZ=59.0 169.8
fwAVG=1.76
sdW=36.8
fwW=1.85
sdS=9.3
fwS=1.61
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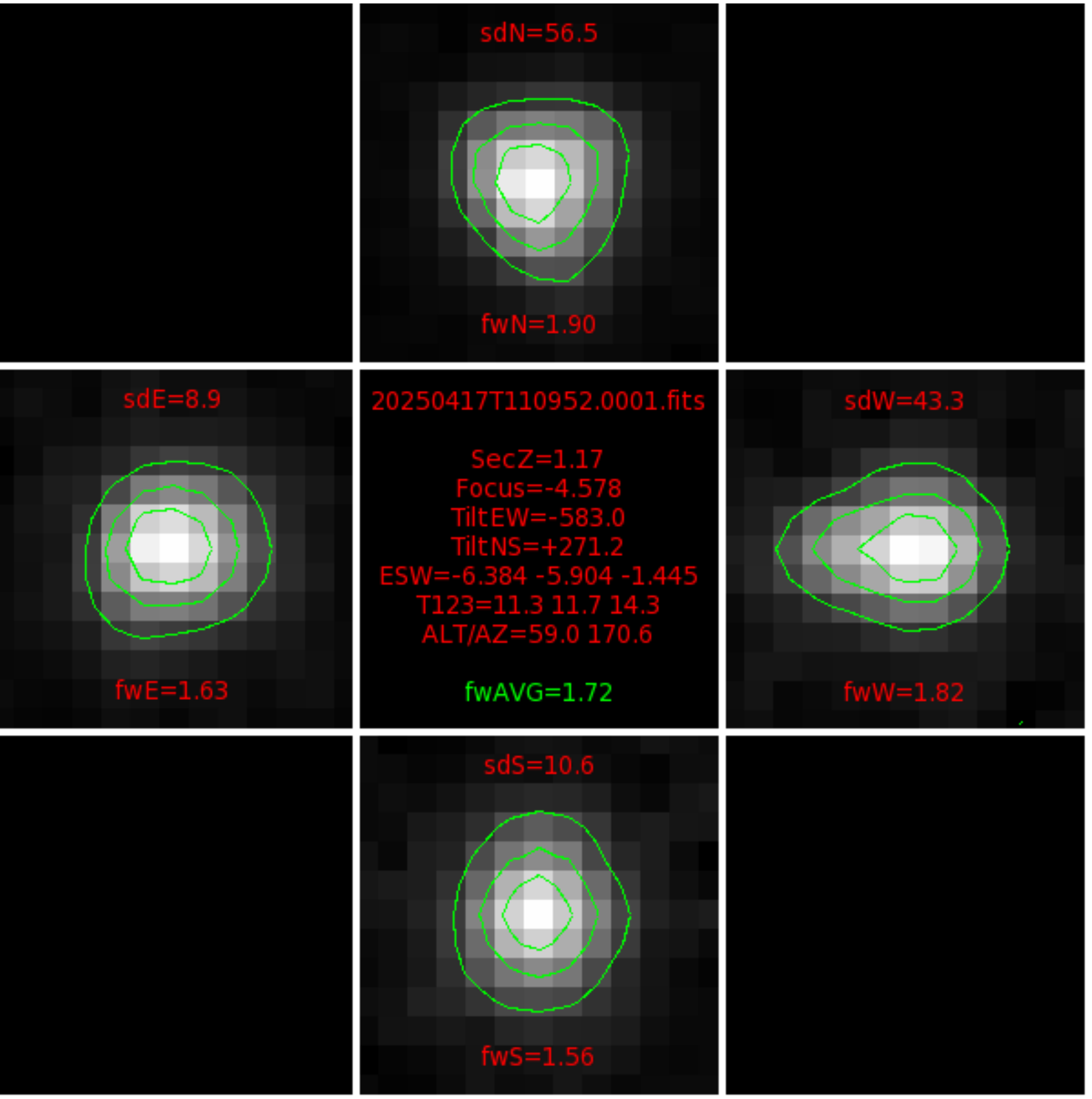
sdN=56.5
fwN=1.90
sdE=8.9
fwE=1.63
20250417T110952.0001.fits
SecZ=1.17
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.3 11.7 14.3
ALT/AZ=59.0 170.6
fwAVG=1.72
sdW=43.3
fwW=1.82
sdS=10.6
fwS=1.56
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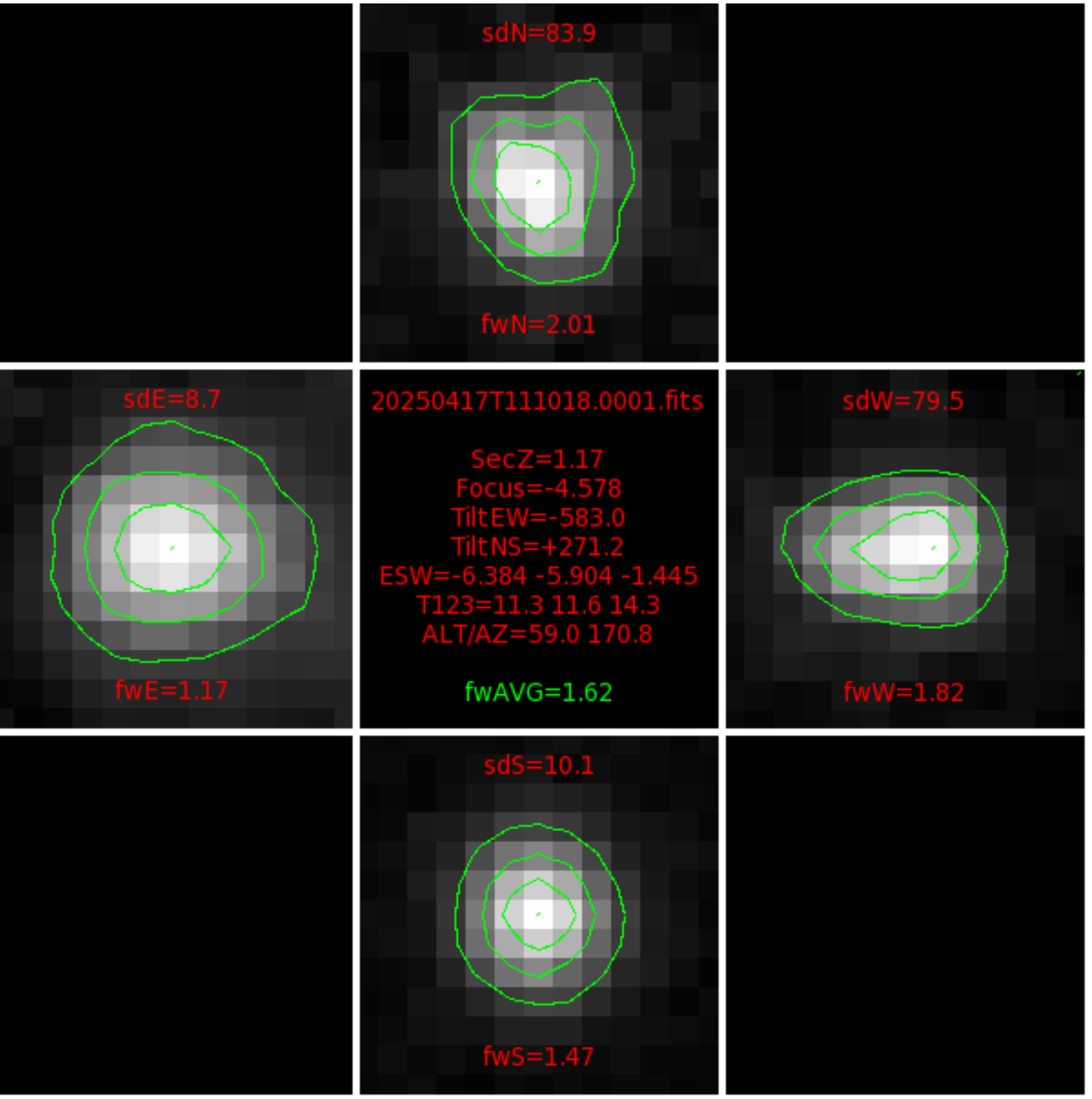
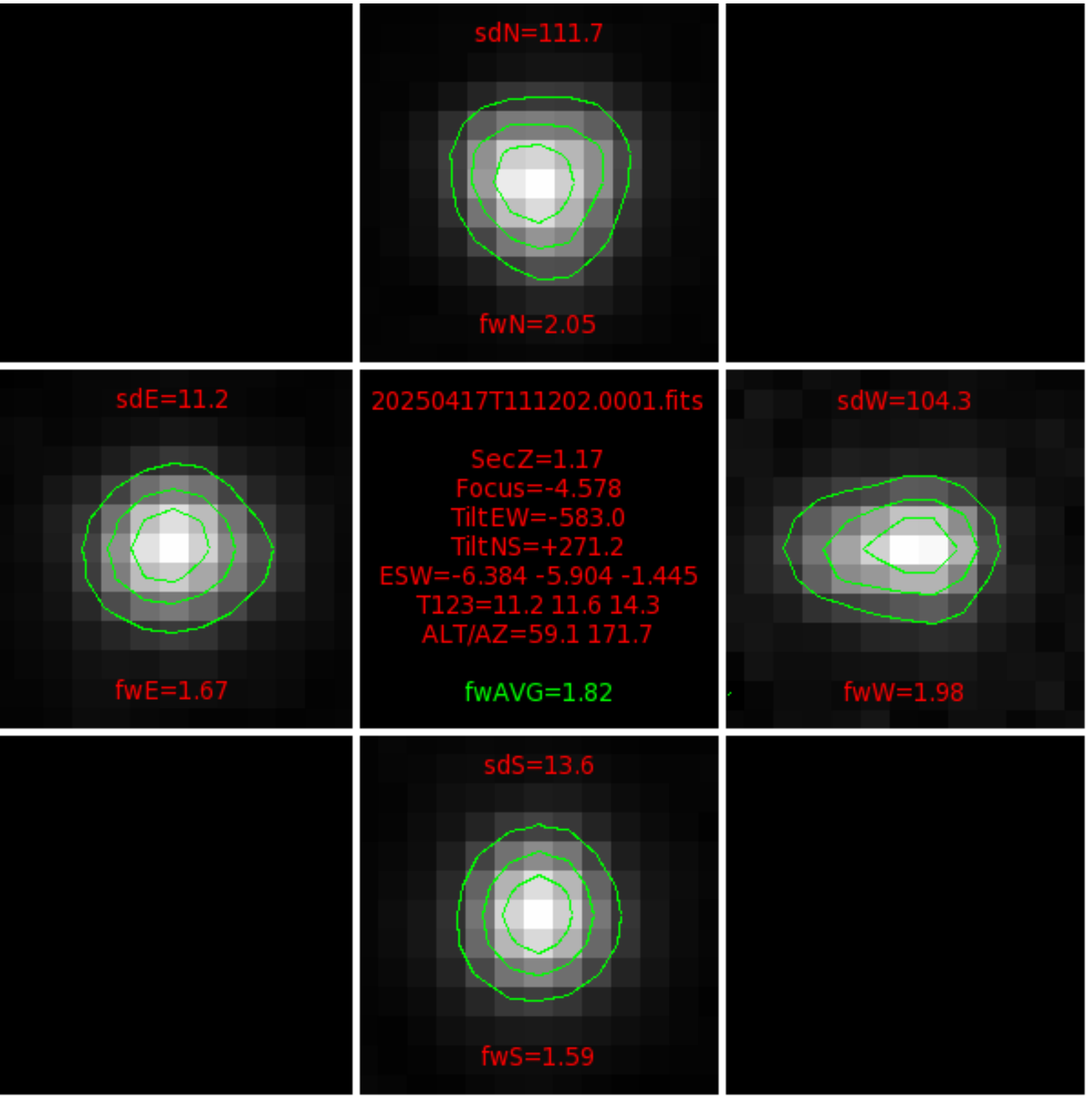

sdN=83.9
fwN=2.01
sdE=8.7
fwE=1.17
20250417T111018.0001.fits
SecZ=1.17
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.3 11.6 14.3
ALT/AZ=59.0 170.8
fwAVG=1.62
sdW=79.5
fwW=1.82
sdS=10.1
fwS=1.47
0 0 0 0 0 0 0 0 0


sdN=111.7
fwN=2.05
sdE=11.2
fwE=1.67
20250417T111202.0001.fits
SecZ=1.17
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.2 11.6 14.3
ALT/AZ=59.1 171.7
fwAVG=1.82
sdW=104.3
fwW=1.98
sdS=13.6
fwS=1.59
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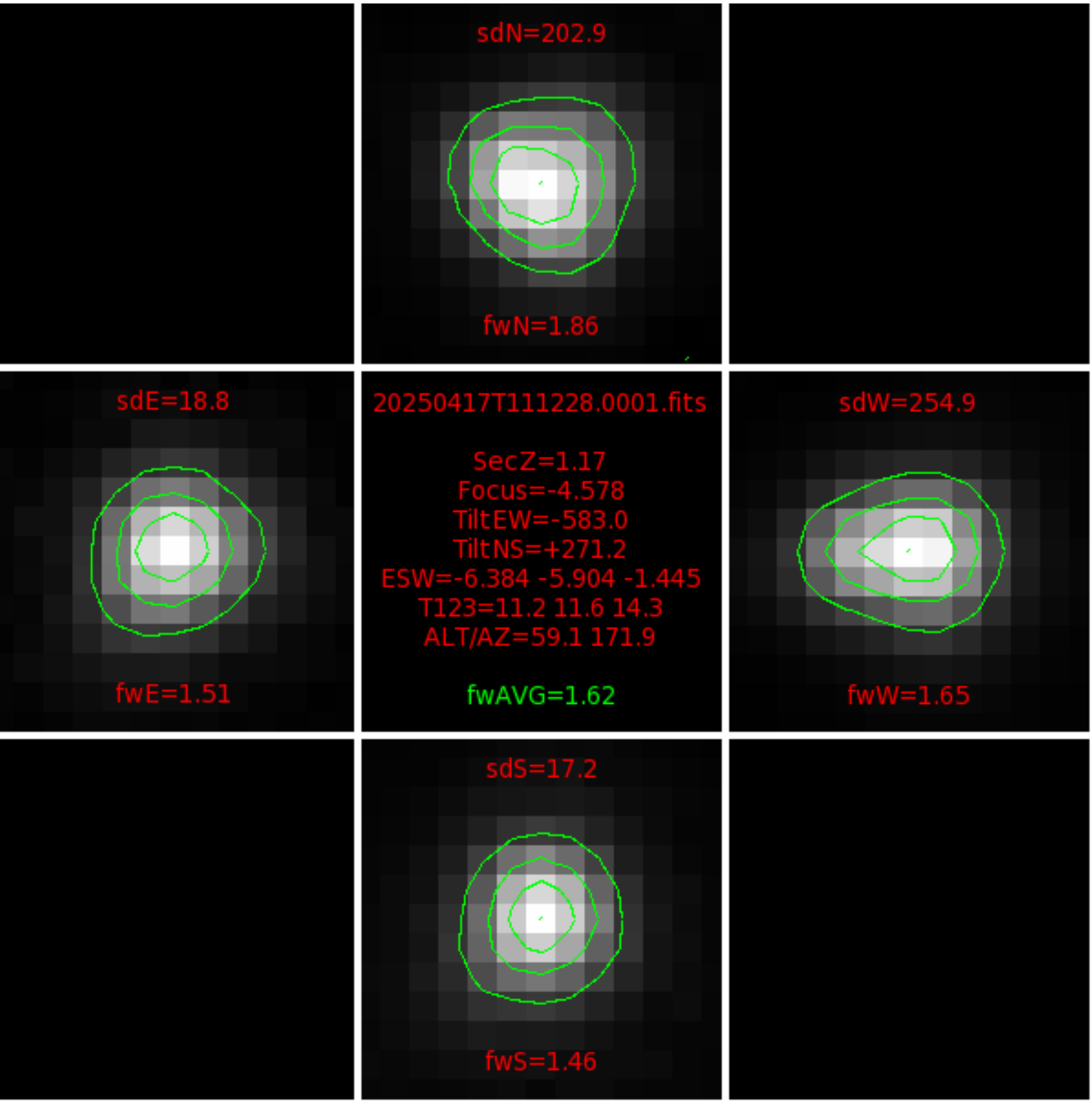
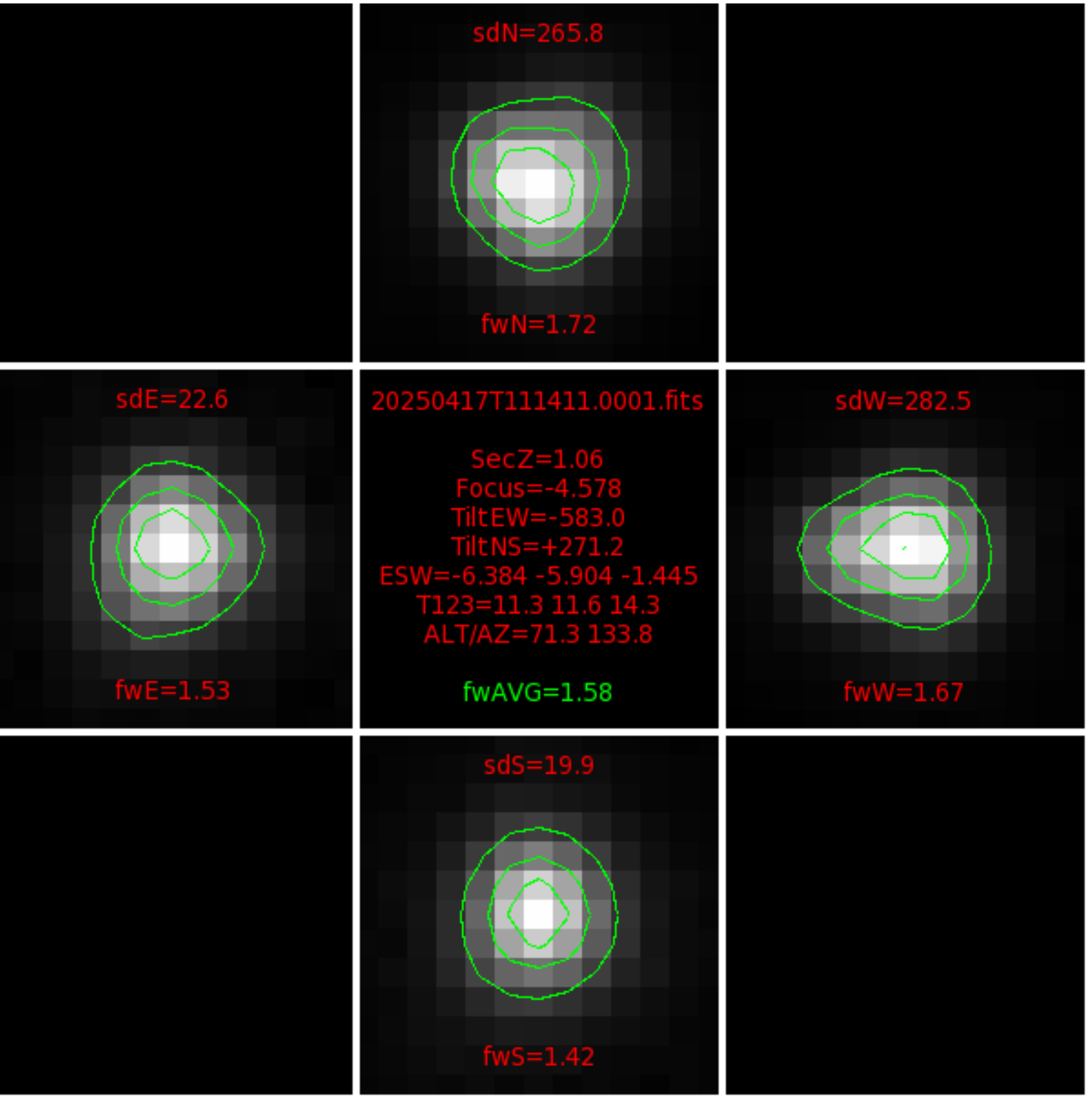

sdN=202.9
fwN=1.86
sdE=18.8
fwE=1.51
20250417T111228.0001.fits
SecZ=1.17
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.2 11.6 14.3
ALT/AZ=59.1 171.9
fwAVG=1.62
sdW=254.9
fwW=1.65
sdS=17.2
fwS=1.46
0 0 0 0 0 0 0 0 0


sdN=265.8
fwN=1.72
sdE=22.6
fwE=1.53
20250417T111411.0001.fits
SecZ=1.06
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.3 11.6 14.3
ALT/AZ=71.3 133.8
fwAVG=1.58
sdW=282.5
fwW=1.67
sdS=19.9
fwS=1.42
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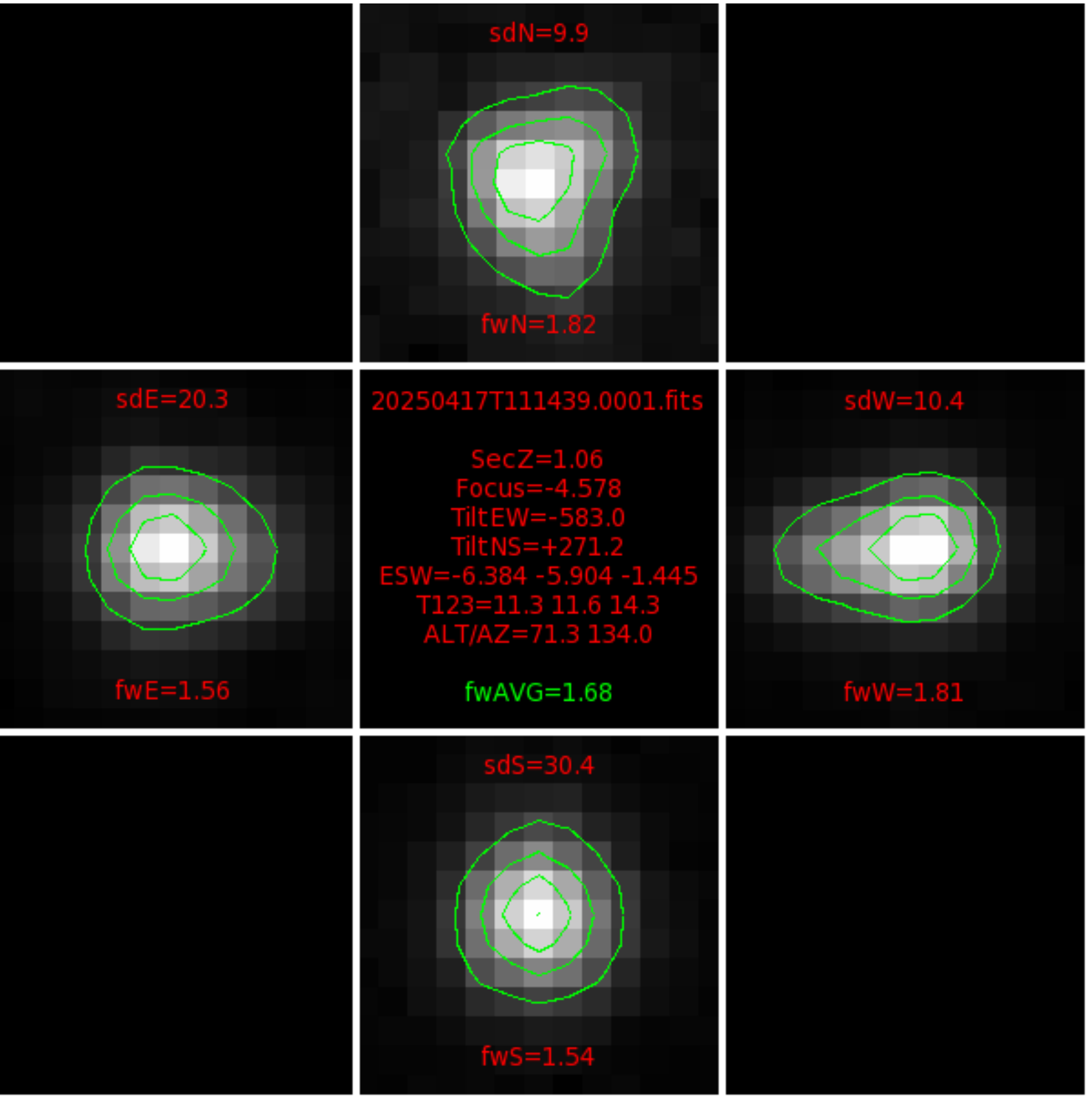
sdN=9.9
fwN=1.82
sdE=20.3
fwE=1.56
20250417T111439.0001.fits
SecZ=1.06
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.3 11.6 14.3
ALT/AZ=71.3 134.0
fwAVG=1.68
sdW=10.4
fwW=1.81
sdS=30.4
fwS=1.54
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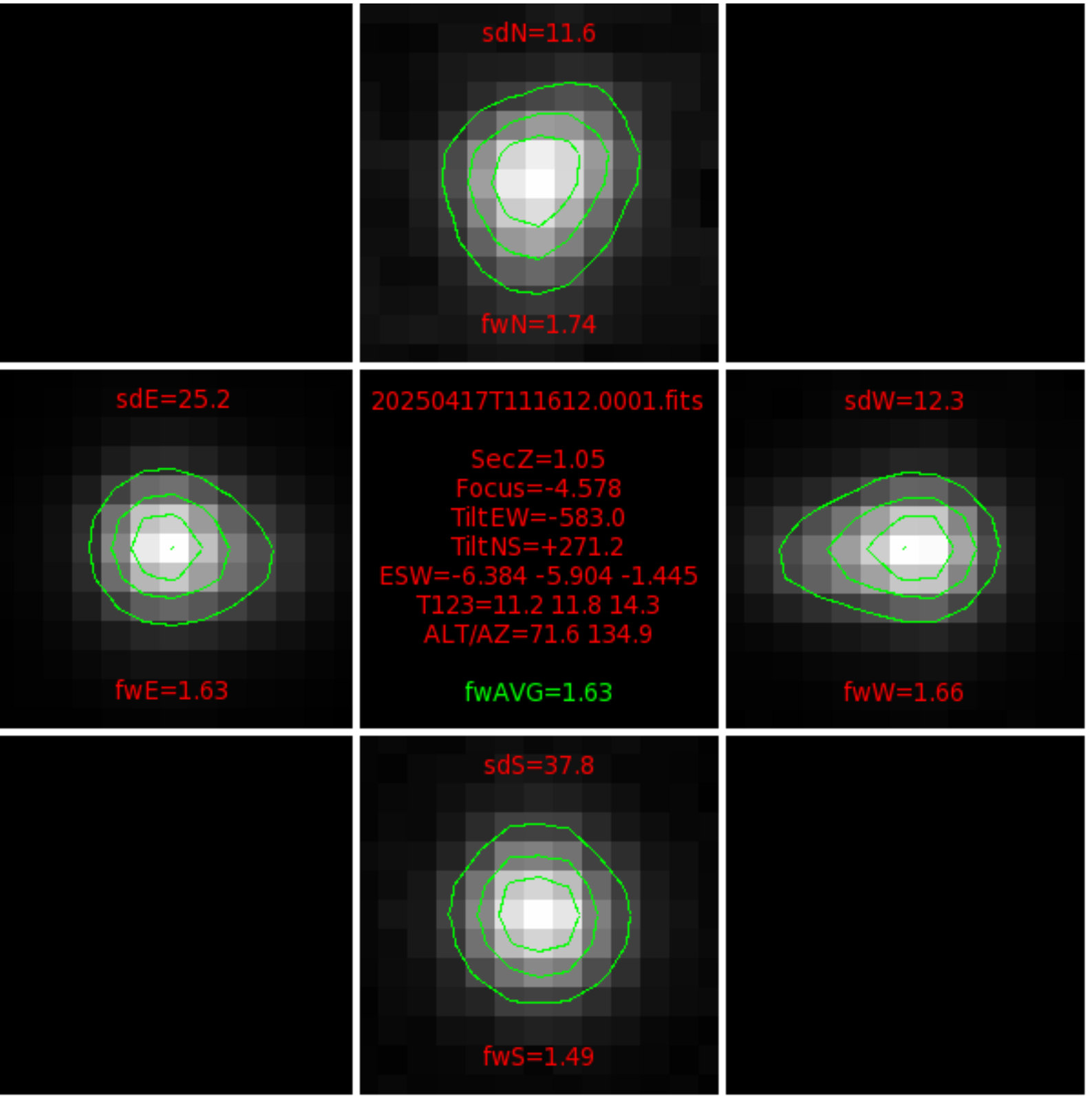
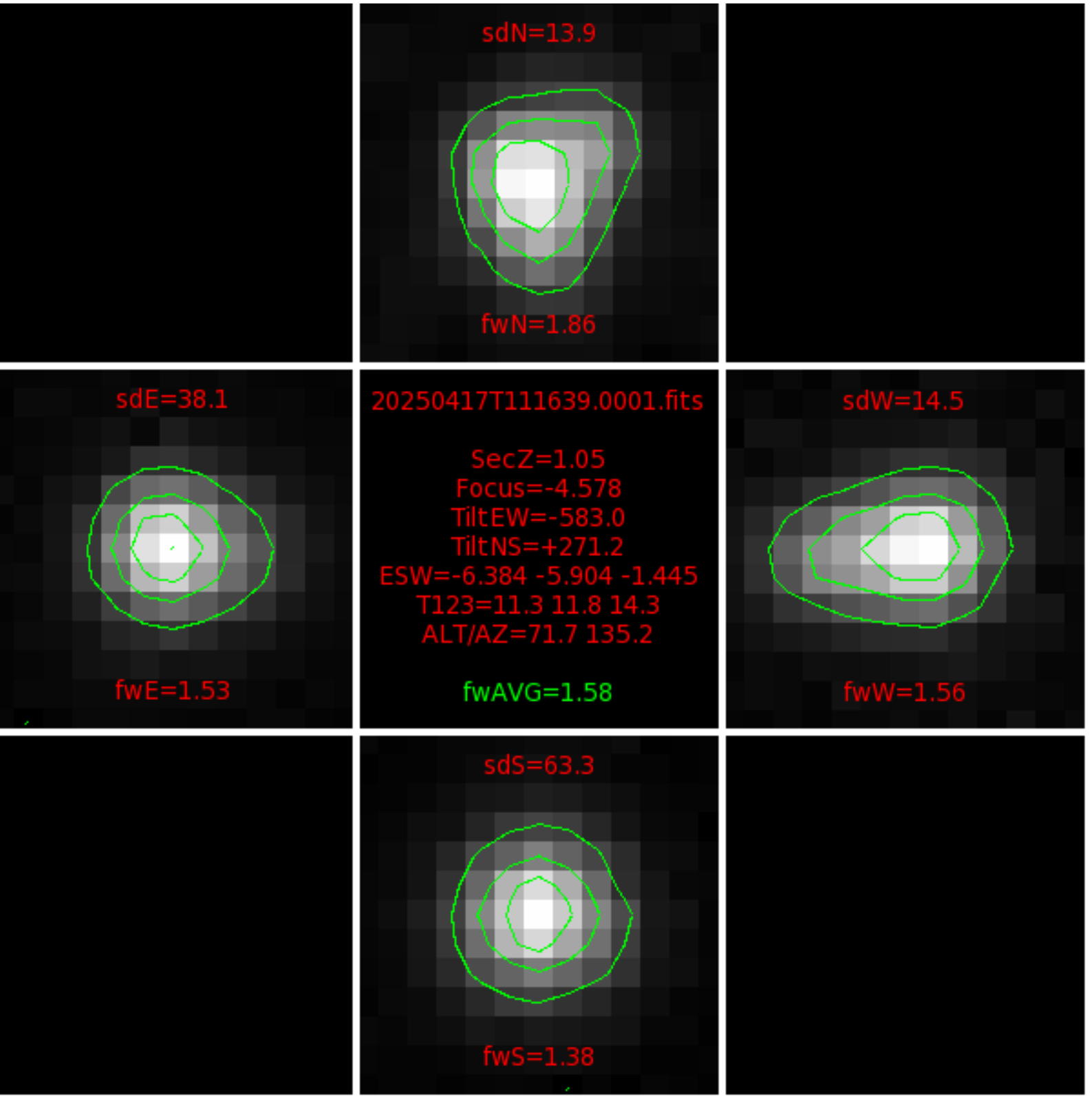

sdN=11.6
fwN=1.74
sdE=25.2
fwE=1.63
20250417T111612.0001.fits
SecZ=1.05
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.2 11.8 14.3
ALT/AZ=71.6 134.9
fwAVG=1.63
sdW=12.3
fwW=1.66
sdS=37.8
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=13.9
fwN=1.86
sdE=38.1
fwE=1.53
20250417T111639.0001.fits
SecZ=1.05
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.3 11.8 14.3
ALT/AZ=71.7 135.2
fwAVG=1.58
sdW=14.5
fwW=1.56
sdS=63.3
fwS=1.38
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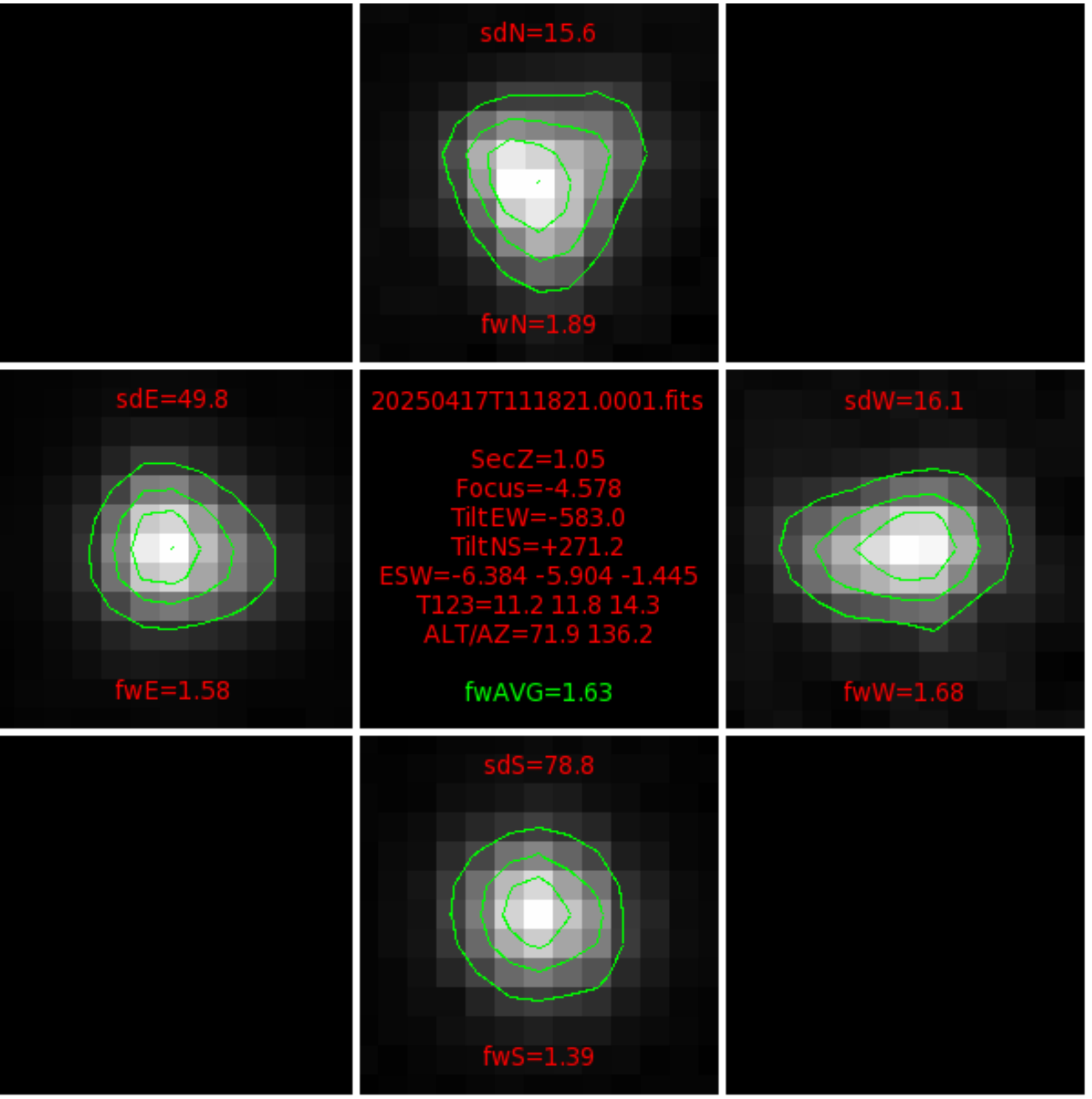
sdN=15.6
fwN=1.89
sdE=49.8
fwE=1.58
20250417T111821.0001.fits
SecZ=1.05
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.2 11.8 14.3
ALT/AZ=71.9 136.2
fwAVG=1.63
sdW=16.1
fwW=1.68
sdS=78.8
fwS=1.39
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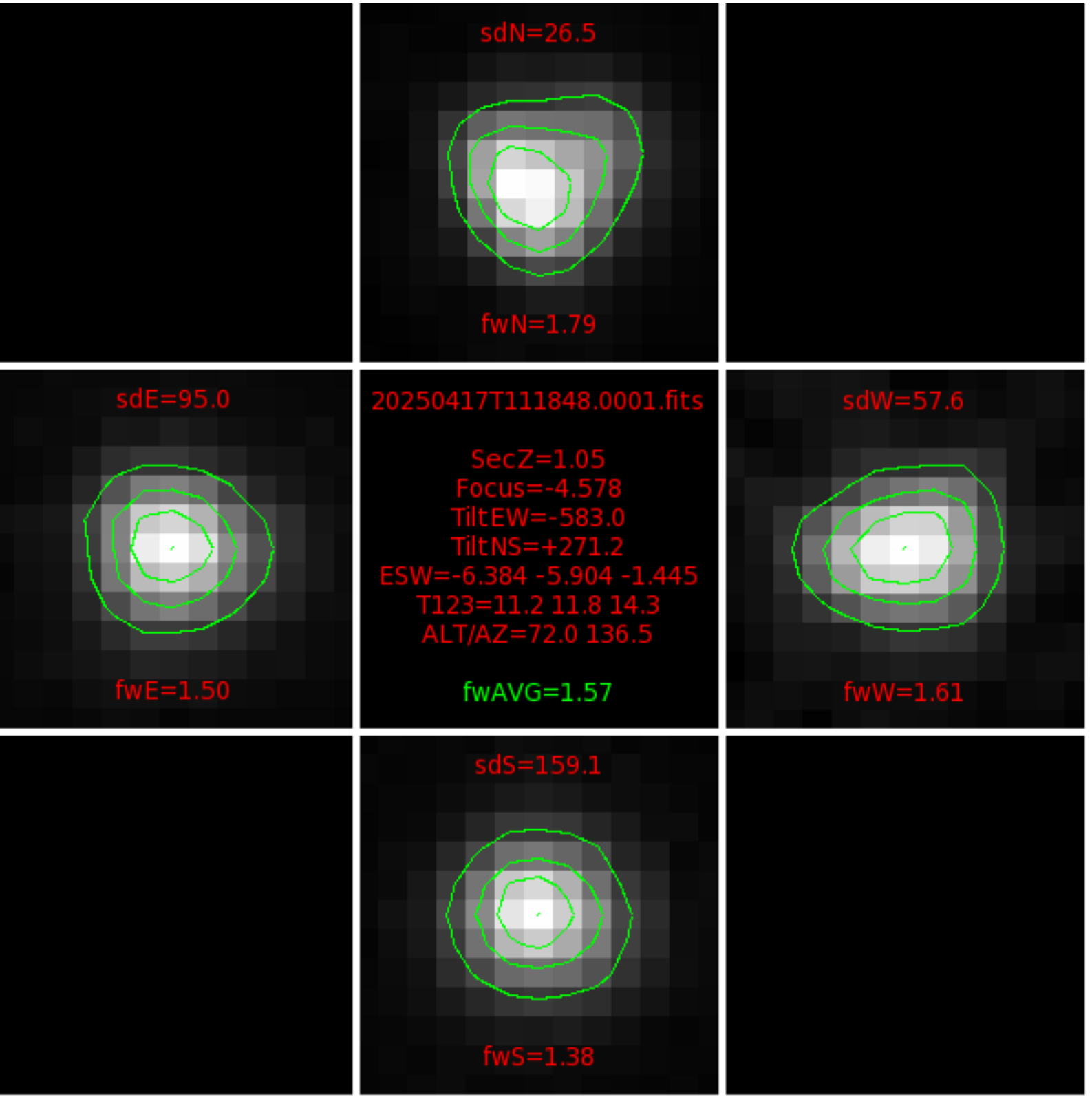
sdN=26.5
fwN=1.79
sdE=95.0
fwE=1.50
20250417T111848.0001.fits
SecZ=1.05
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.2 11.8 14.3
ALT/AZ=72.0 136.5
fwAVG=1.57
sdW=57.6
fwW=1.61
sdS=159.1
fwS=1.38
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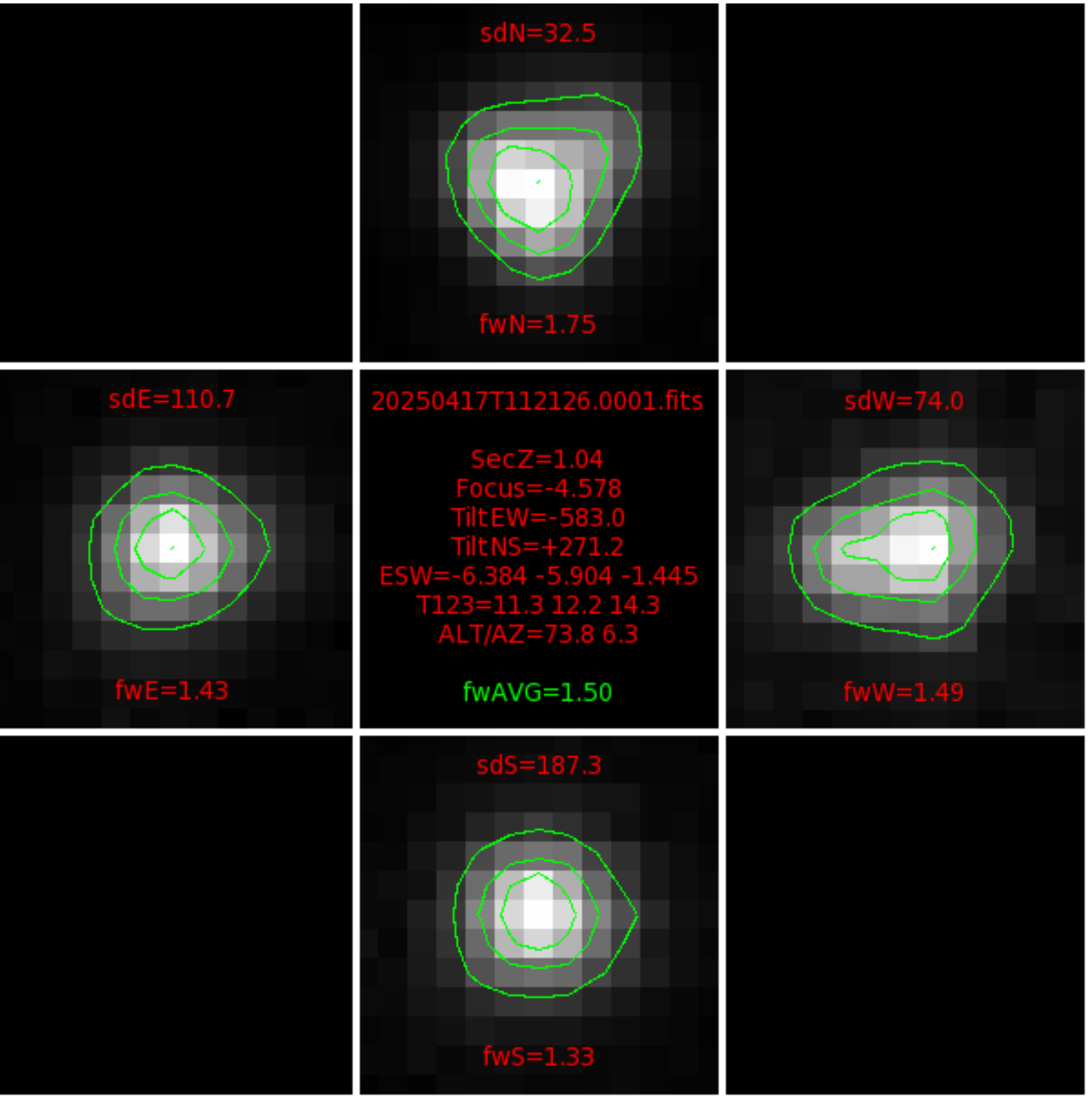
sdN=32.5
fwN=1.75
sdE=110.7
fwE=1.43
20250417T112126.0001.fits
SecZ=1.04
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.3 12.2 14.3
ALT/AZ=73.8 6.3
fwAVG=1.50
sdW=74.0
fwW=1.49
sdS=187.3
fwS=1.33
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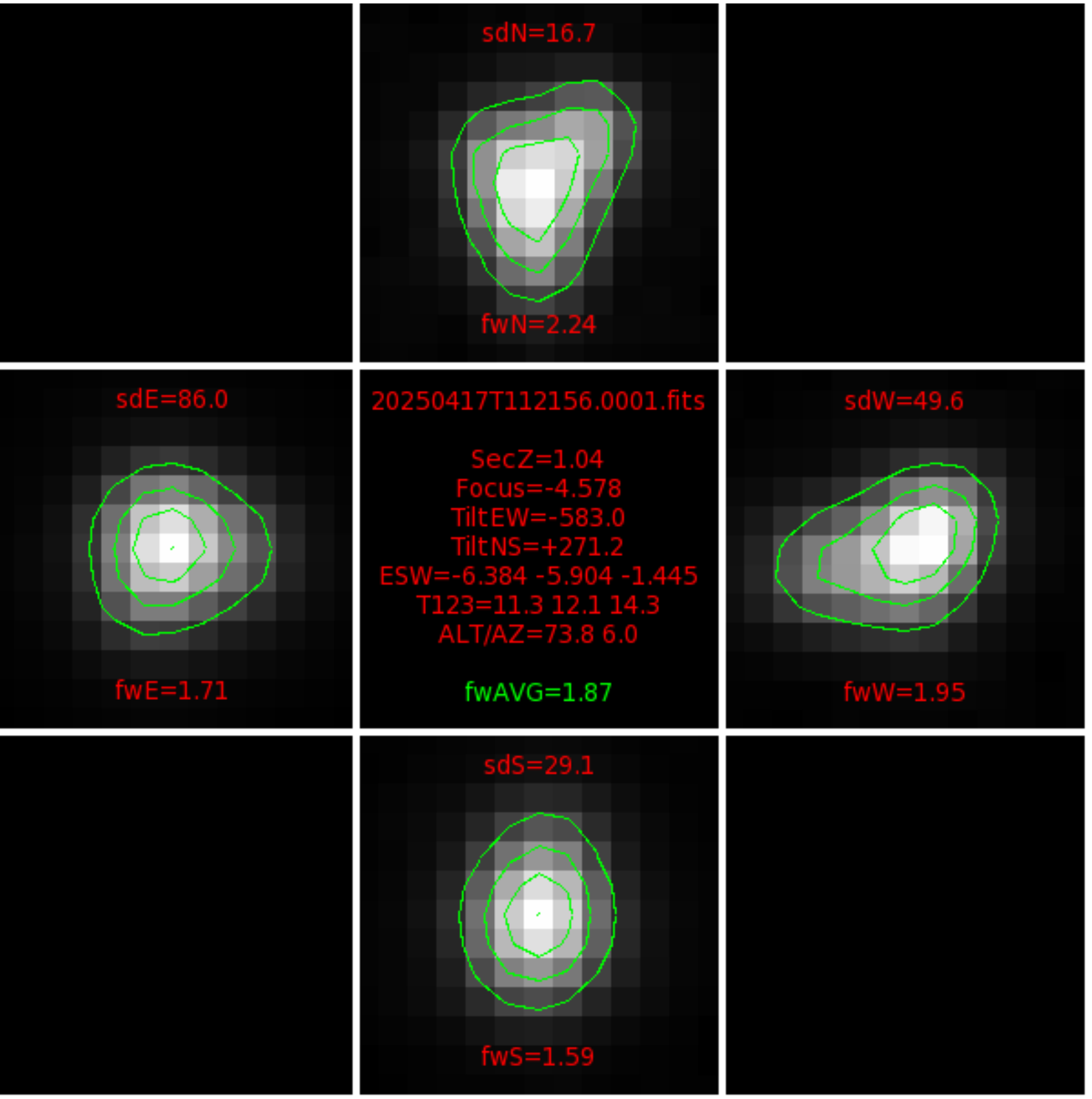
sdN=16.7
fwN=2.24
sdE=86.0
fwE=1.71
20250417T112156.0001.fits
SecZ=1.04
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.3 12.1 14.3
ALT/AZ=73.8 6.0
fwAVG=1.87
sdW=49.6
fwW=1.95
sdS=29.1
fwS=1.59
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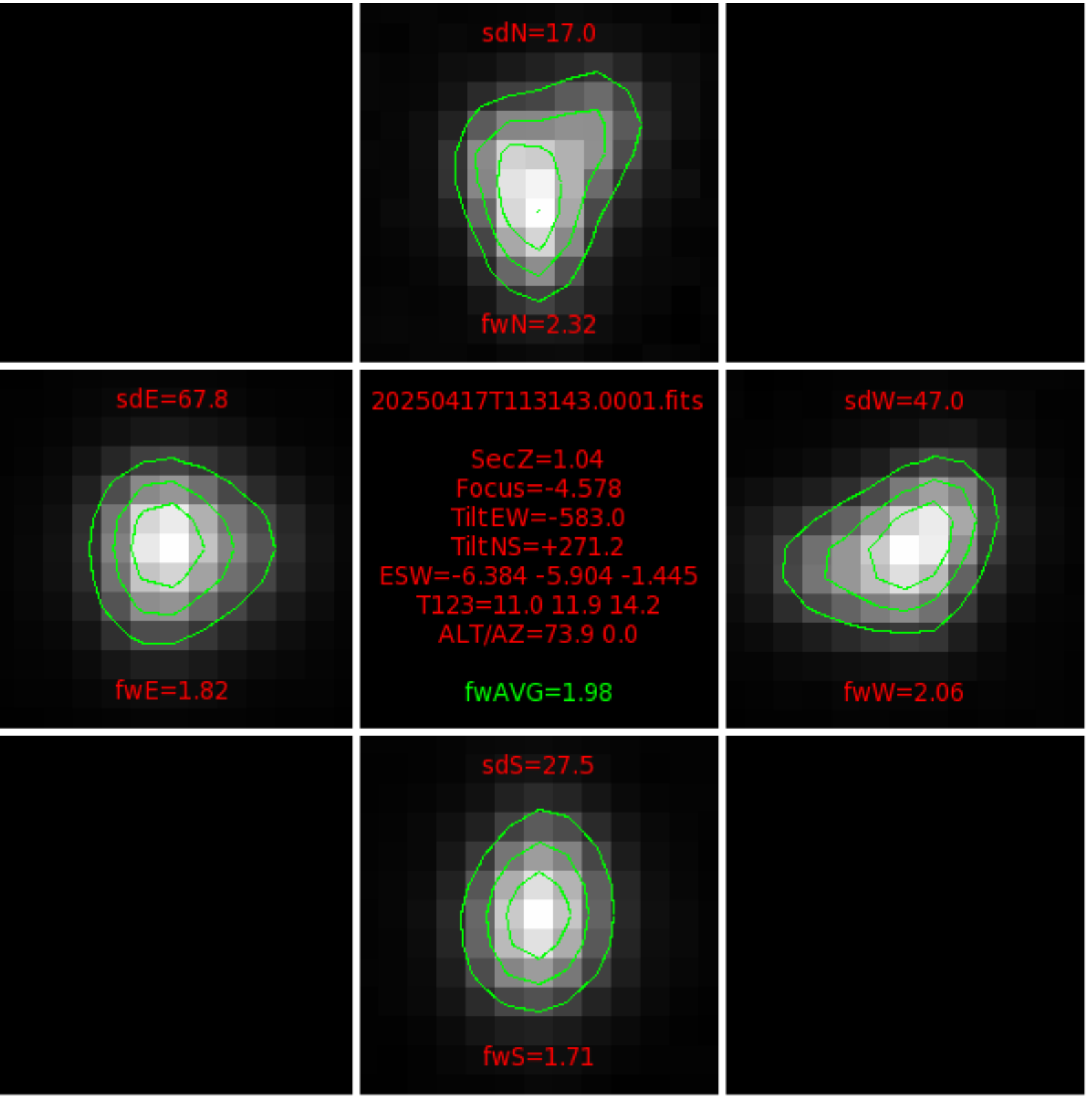
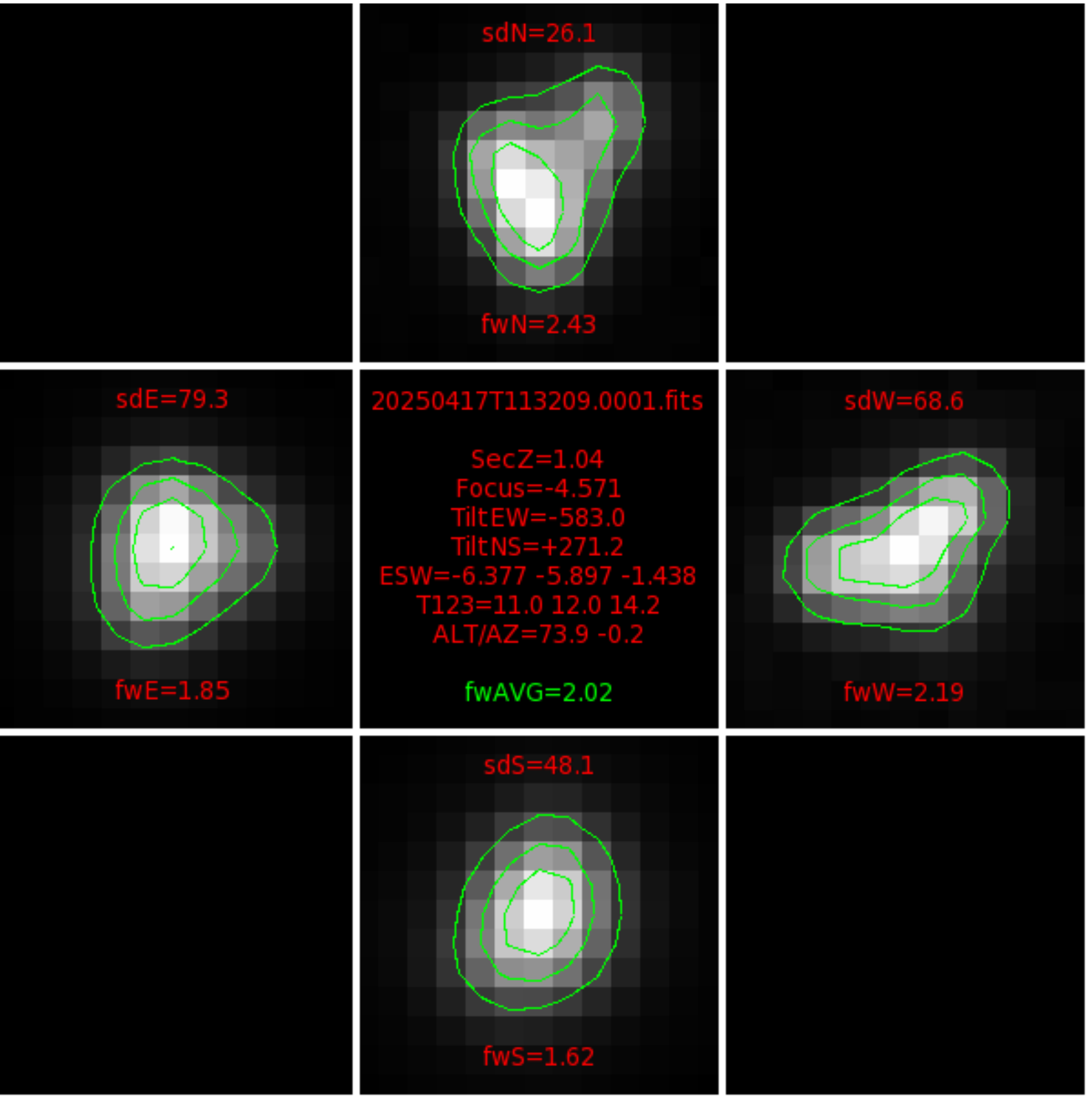
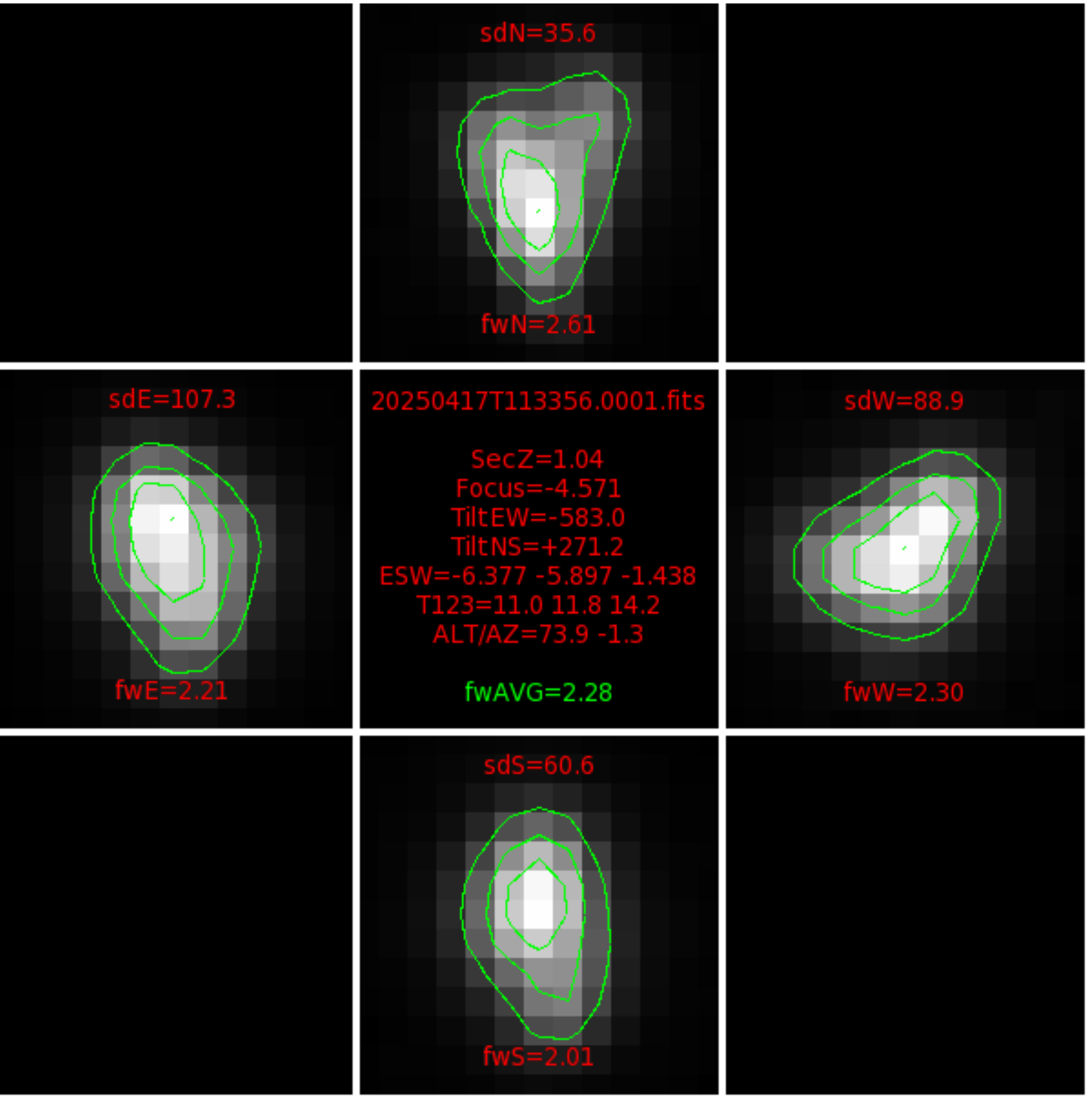

sdN=17.0
fwN=2.32
sdE=67.8
fwE=1.82
20250417T113143.0001.fits
SecZ=1.04
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.0 11.9 14.2
ALT/AZ=73.9 0.0
fwAVG=1.98
sdW=47.0
fwW=2.06
sdS=27.5
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=26.1
fwN=2.43
sdE=79.3
fwE=1.85
20250417T113209.0001.fits
SecZ=1.04
Focus=-4.571
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.377 -5.897 -1.438
T123=11.0 12.0 14.2
ALT/AZ=73.9 -0.2
fwAVG=2.02
sdW=68.6
fwW=2.19
sdS=48.1
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=35.6
fwN=2.61
sdE=107.3
fwE=2.21
20250417T113356.0001.fits
SecZ=1.04
Focus=-4.571
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.377 -5.897 -1.438
T123=11.0 11.8 14.2
ALT/AZ=73.9 -1.3
fwAVG=2.28
sdW=88.9
fwW=2.30
sdS=60.6
fwS=2.01
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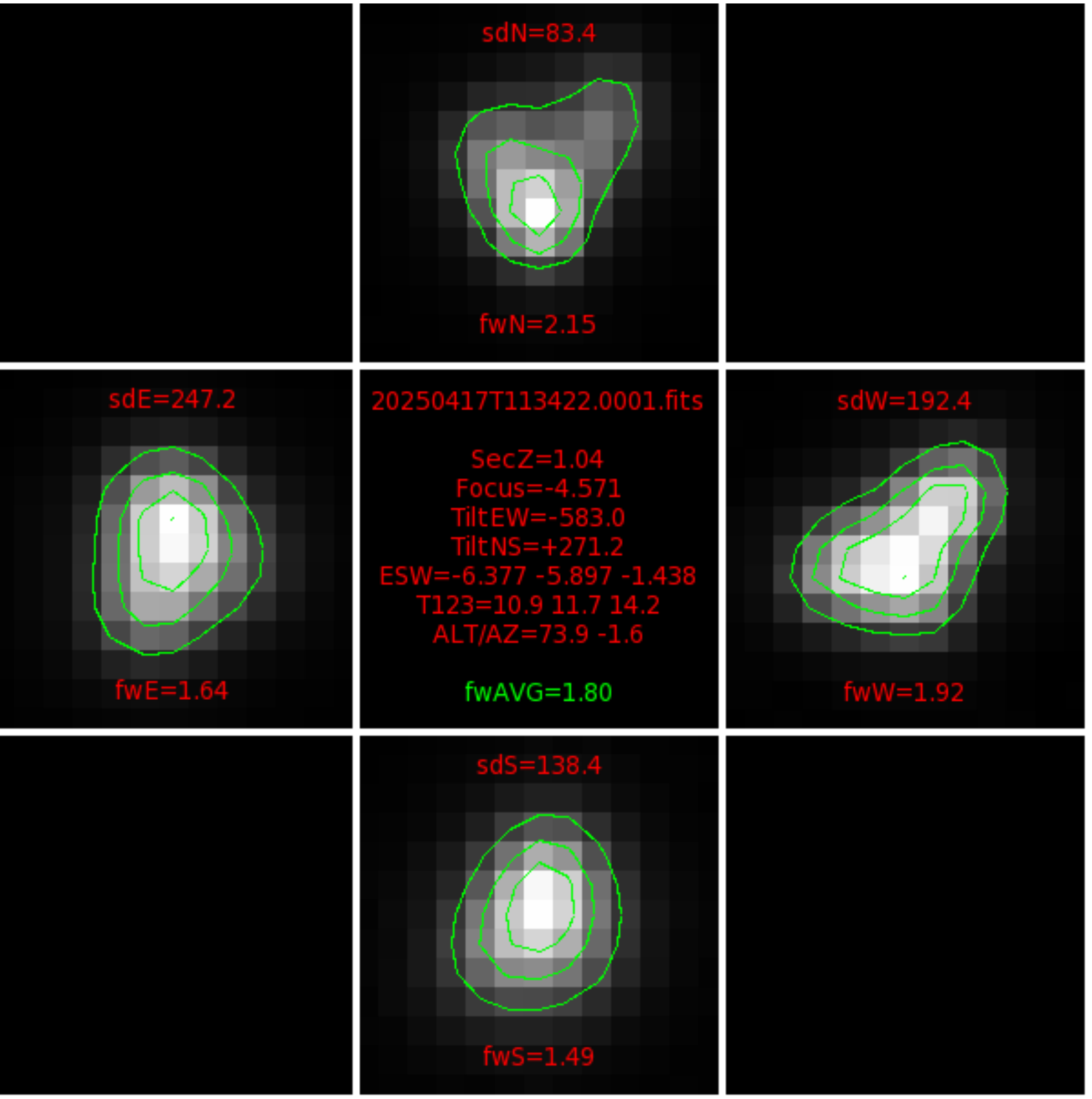
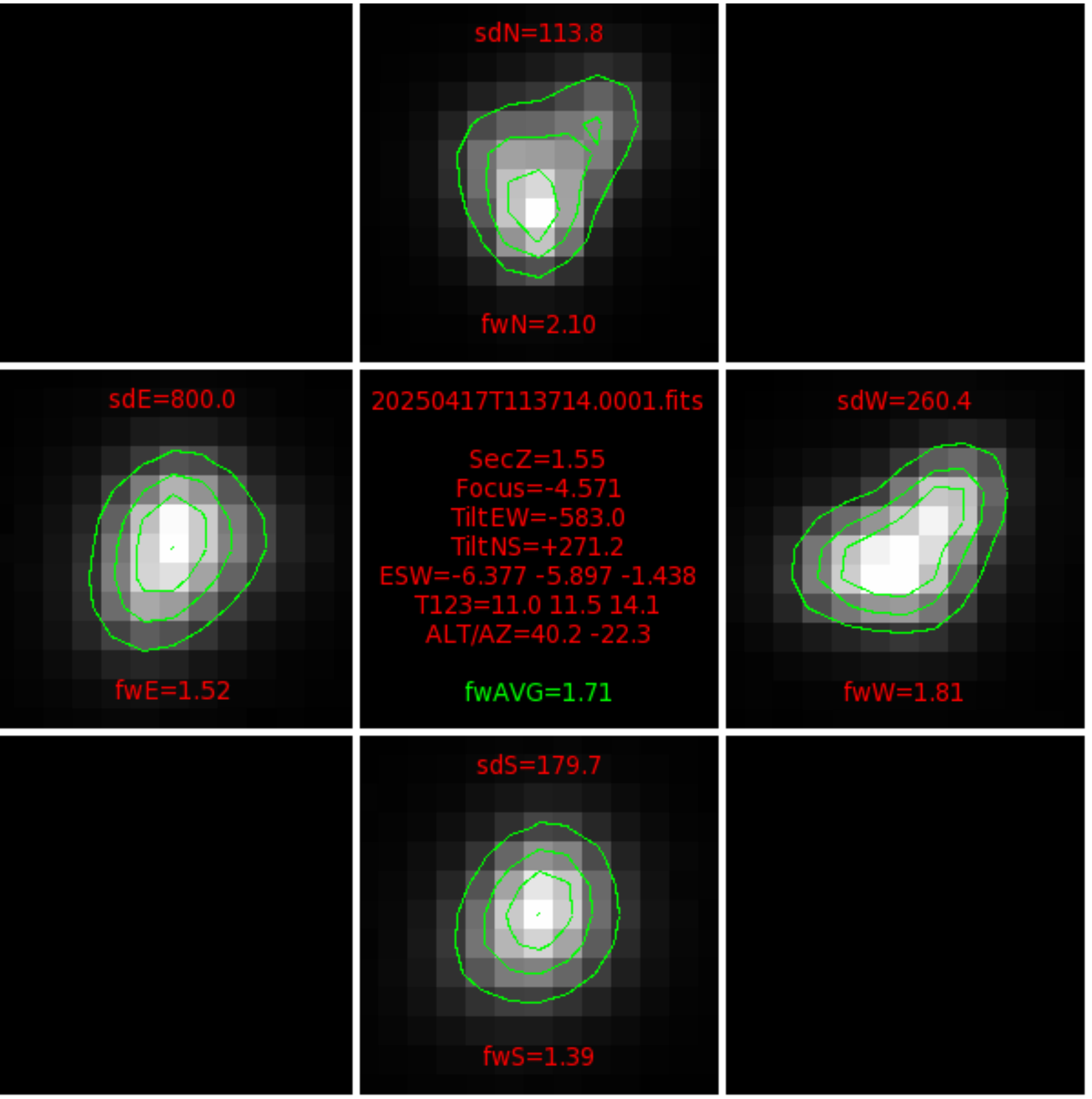
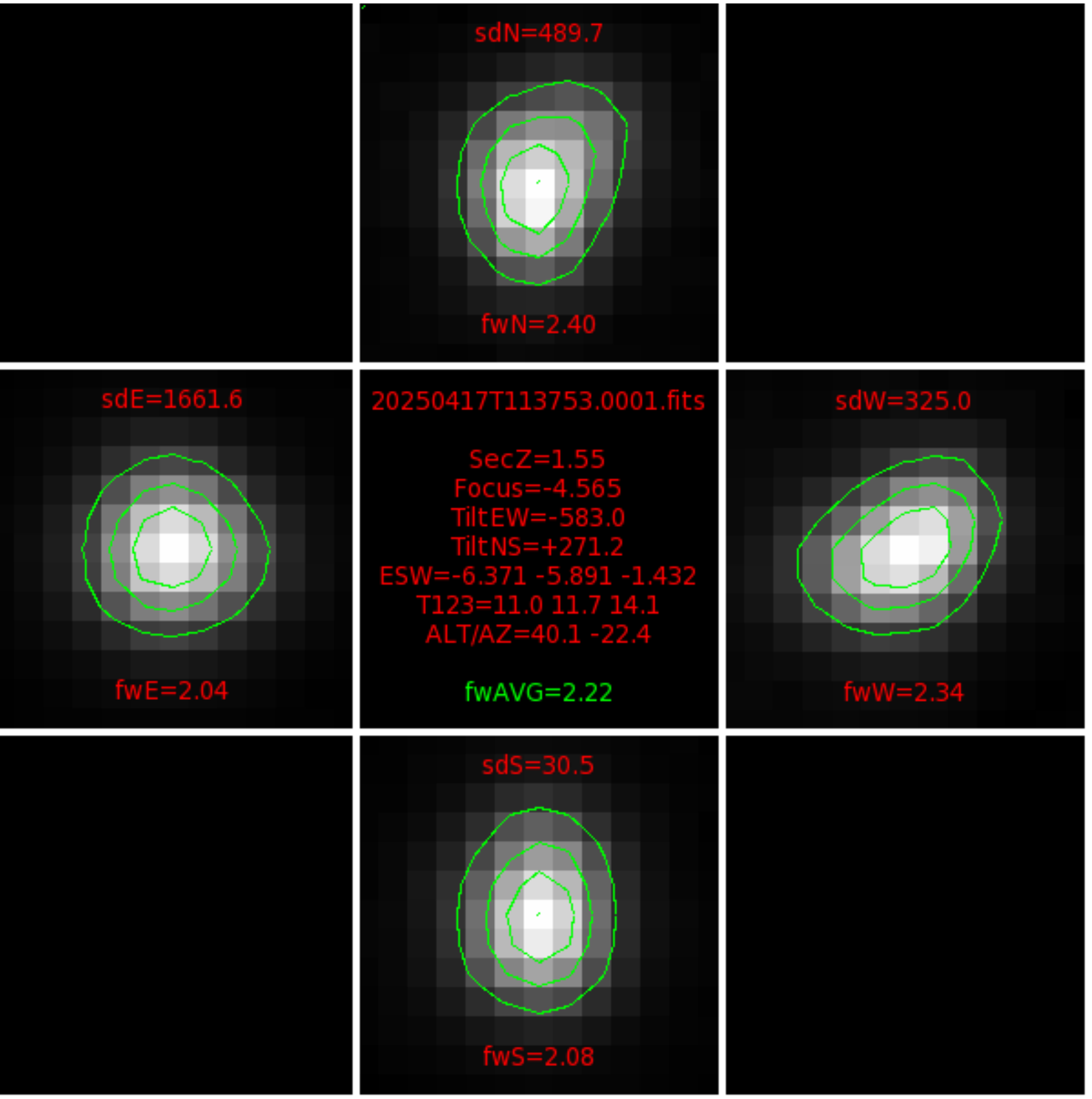

sdN=83.4
fwN=2.15
sdE=247.2
fwE=1.64
20250417T113422.0001.fits
SecZ=1.04
Focus=-4.571
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.377 -5.897 -1.438
T123=10.9 11.7 14.2
ALT/AZ=73.9 -1.6
fwAVG=1.80
sdW=192.4
fwW=1.92
sdS=138.4
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=113.8
fwN=2.10
sdE=800.0
fwE=1.52
20250417T113714.0001.fits
SecZ=1.55
Focus=-4.571
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.377 -5.897 -1.438
T123=11.0 11.5 14.1
ALT/AZ=40.2 -22.3
fwAVG=1.71
sdW=260.4
fwW=1.81
sdS=179.7
fwS=1.39
0 0 0 0 0 0 0 0 0


sdN=489.7
fwN=2.40
sdE=1661.6
fwE=2.04
20250417T113753.0001.fits
SecZ=1.55
Focus=-4.565
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.371 -5.891 -1.432
T123=11.0 11.7 14.1
ALT/AZ=40.1 -22.4
fwAVG=2.22
sdW=325.0
fwW=2.34
sdS=30.5
fwS=2.08
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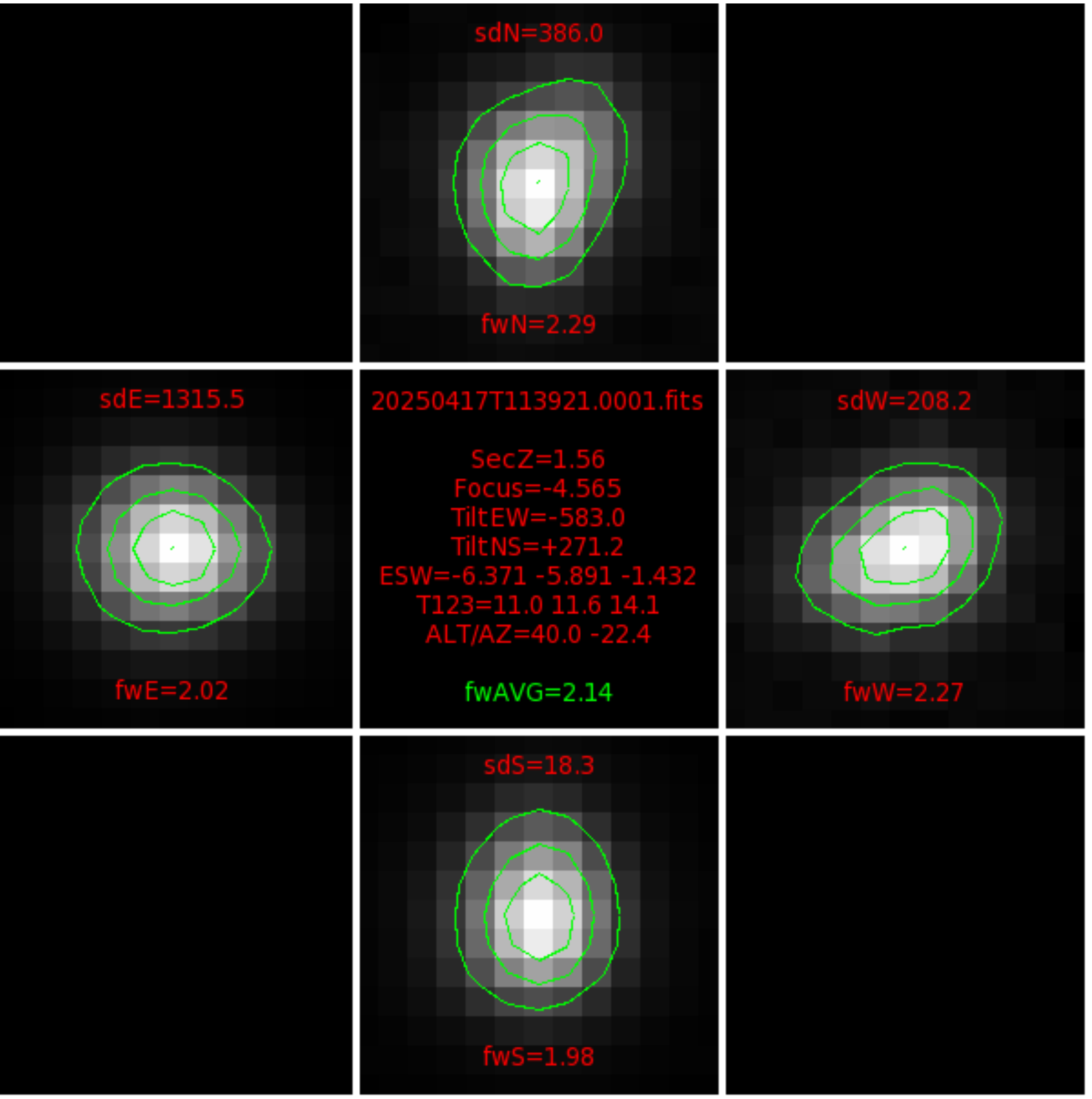
sdN=386.0
fwN=2.29
sdE=1315.5
fwE=2.02
20250417T113921.0001.fits
SecZ=1.56
Focus=-4.565
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.371 -5.891 -1.432
T123=11.0 11.6 14.1
ALT/AZ=40.0 -22.4
fwAVG=2.14
sdW=208.2
fwW=2.27
sdS=18.3
fwS=1.98
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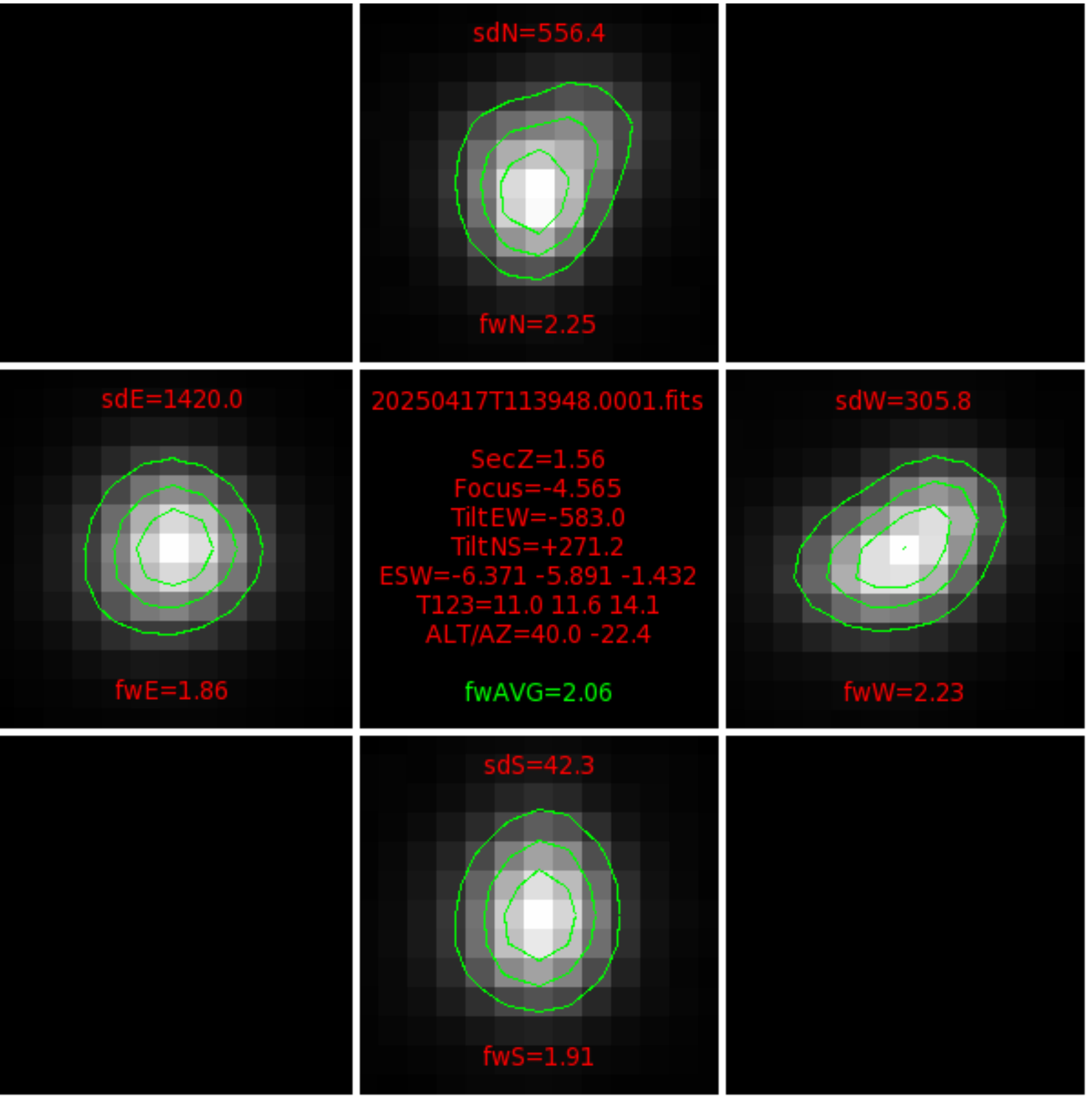
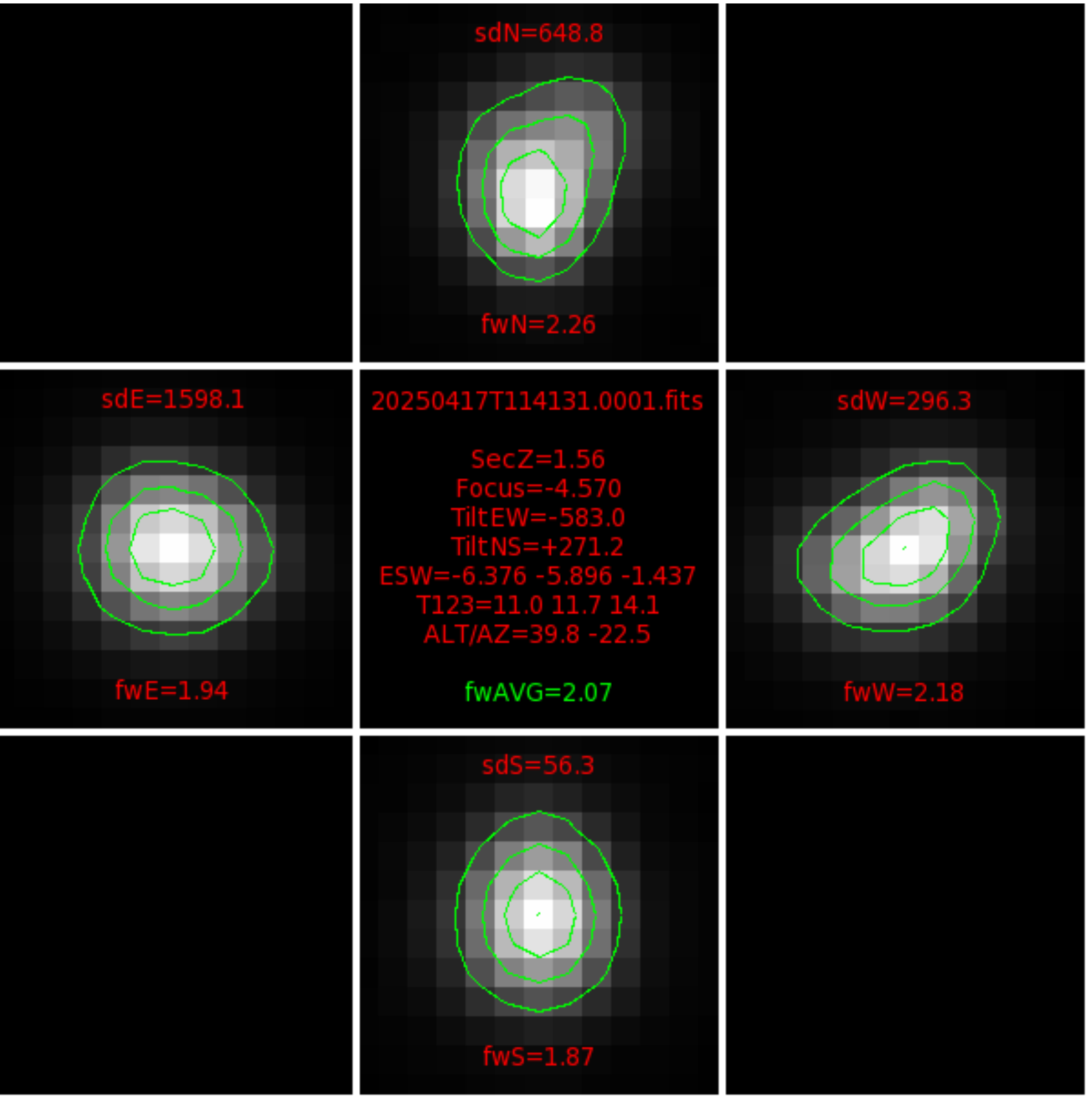
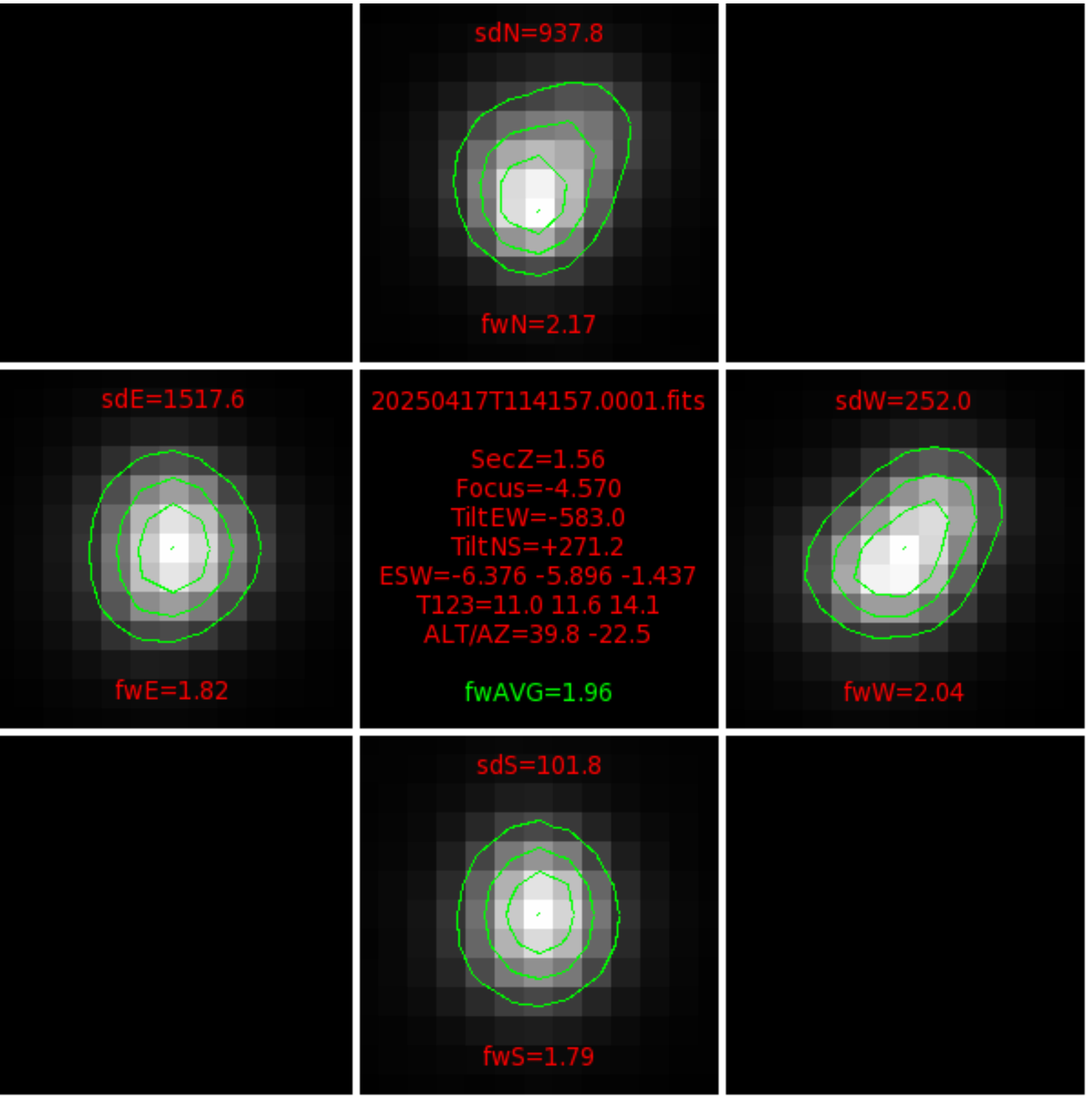

sdN=556.4
fwN=2.25
sdE=1420.0
fwE=1.86
20250417T113948.0001.fits
SecZ=1.56
Focus=-4.565
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.371 -5.891 -1.432
T123=11.0 11.6 14.1
ALT/AZ=40.0 -22.4
fwAVG=2.06
sdW=305.8
fwW=2.23
sdS=42.3
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=648.8
fwN=2.26
sdE=1598.1
fwE=1.94
20250417T114131.0001.fits
SecZ=1.56
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.0 11.7 14.1
ALT/AZ=39.8 -22.5
fwAVG=2.07
sdW=296.3
fwW=2.18
sdS=56.3
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=937.8
fwN=2.17
sdE=1517.6
fwE=1.82
20250417T114157.0001.fits
SecZ=1.56
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.0 11.6 14.1
ALT/AZ=39.8 -22.5
fwAVG=1.96
sdW=252.0
fwW=2.04
sdS=101.8
fwS=1.79
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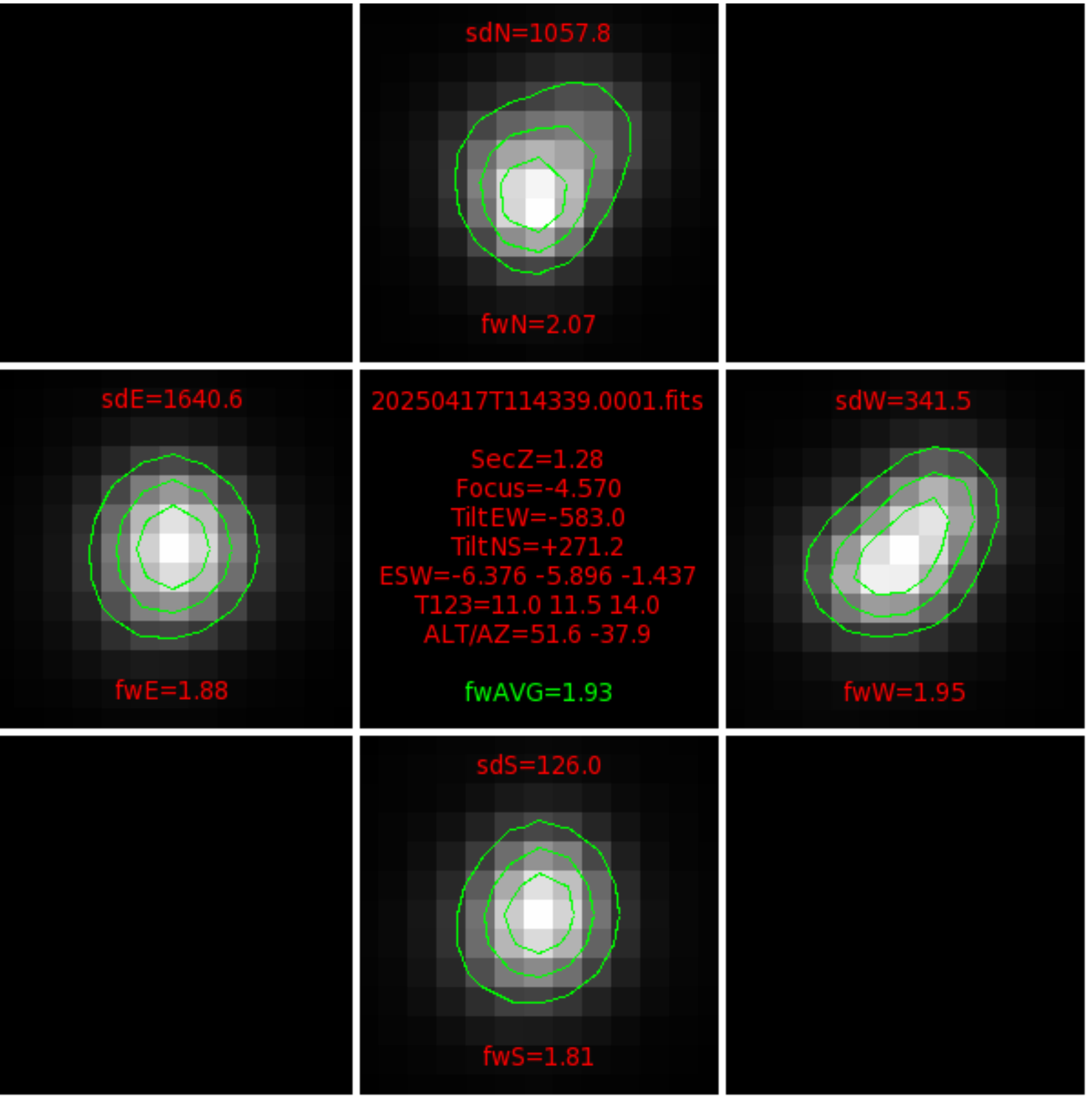
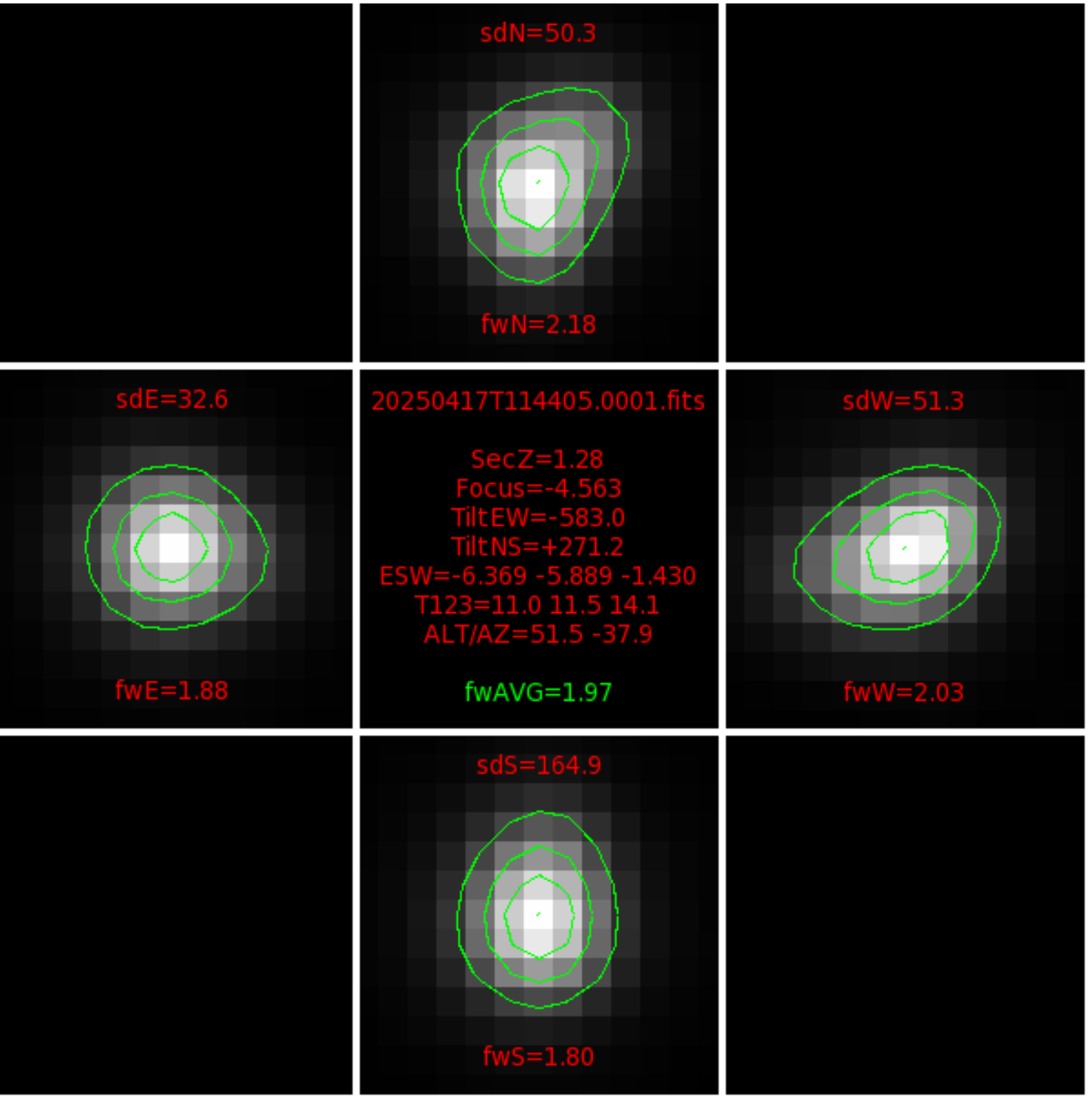
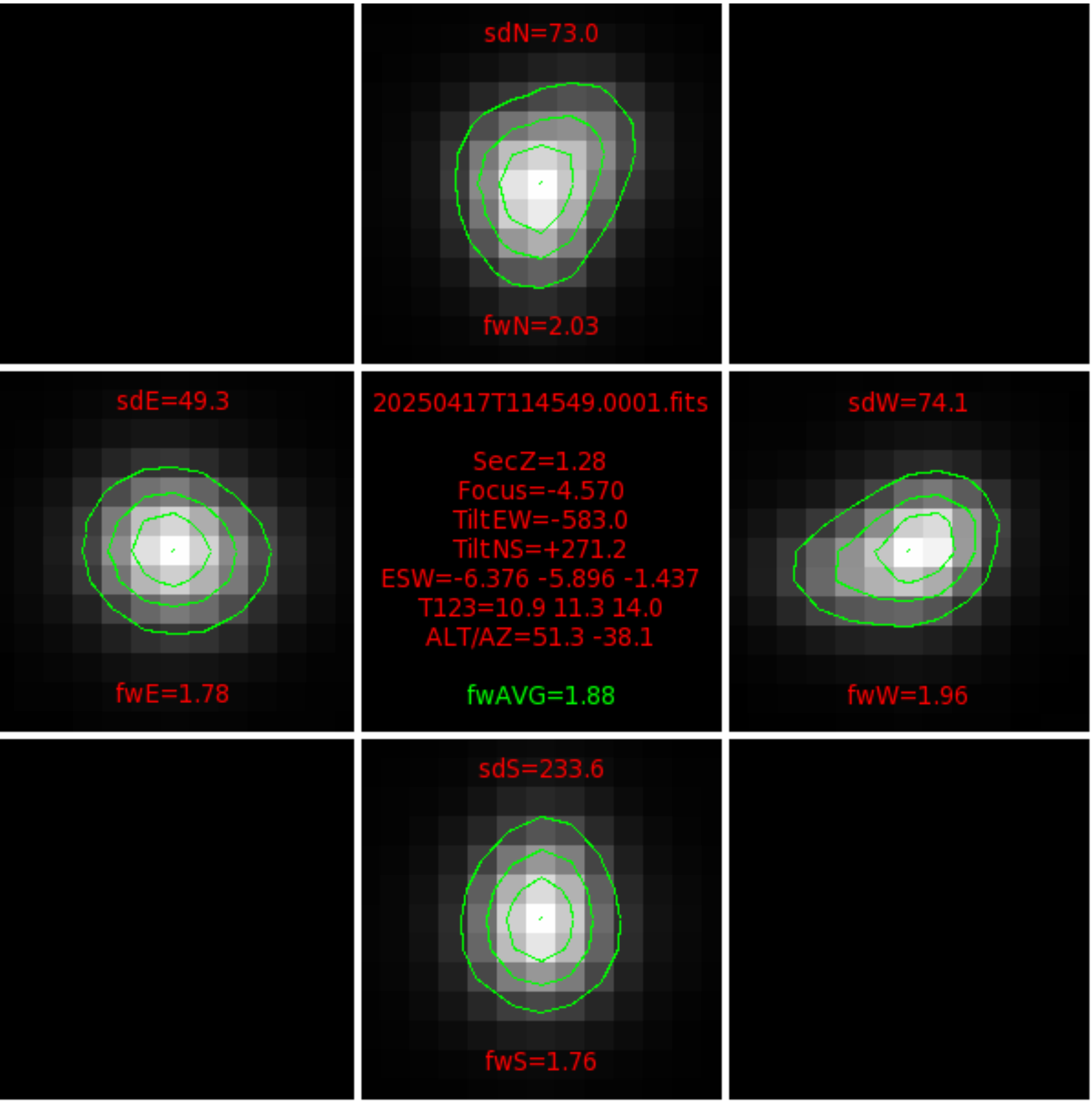

sdN=1057.8
fwN=2.07
sdE=1640.6
fwE=1.88
20250417T114339.0001.fits
SecZ=1.28
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.0 11.5 14.0
ALT/AZ=51.6 -37.9
fwAVG=1.93
sdW=341.5
fwW=1.95
sdS=126.0
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=50.3
fwN=2.18
sdE=32.6
fwE=1.88
20250417T114405.0001.fits
SecZ=1.28
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.0 11.5 14.1
ALT/AZ=51.5 -37.9
fwAVG=1.97
sdW=51.3
fwW=2.03
sdS=164.9
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=73.0
fwN=2.03
sdE=49.3
fwE=1.78
20250417T114549.0001.fits
SecZ=1.28
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=10.9 11.3 14.0
ALT/AZ=51.3 -38.1
fwAVG=1.88
sdW=74.1
fwW=1.96
sdS=233.6
fwS=1.76
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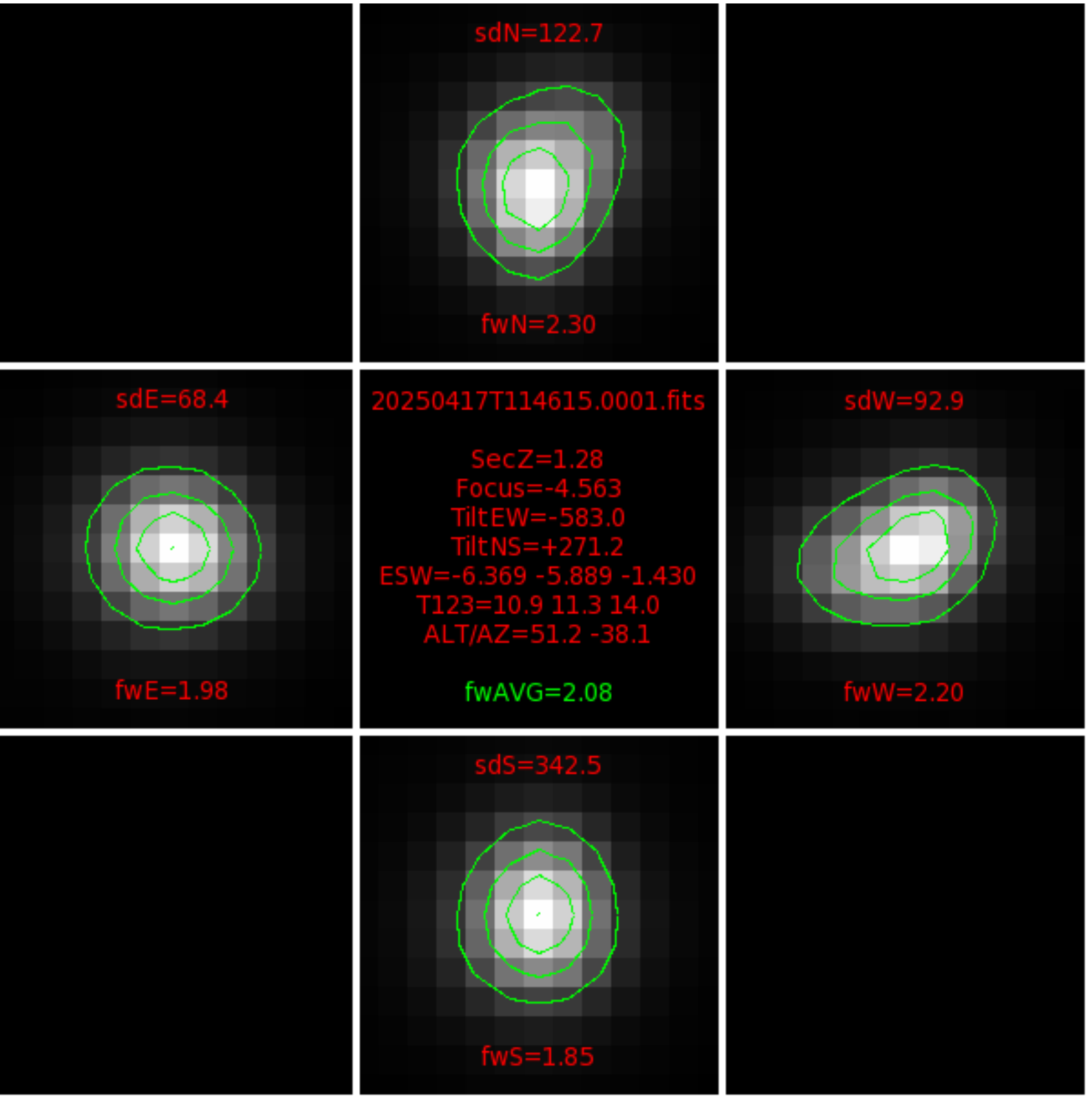
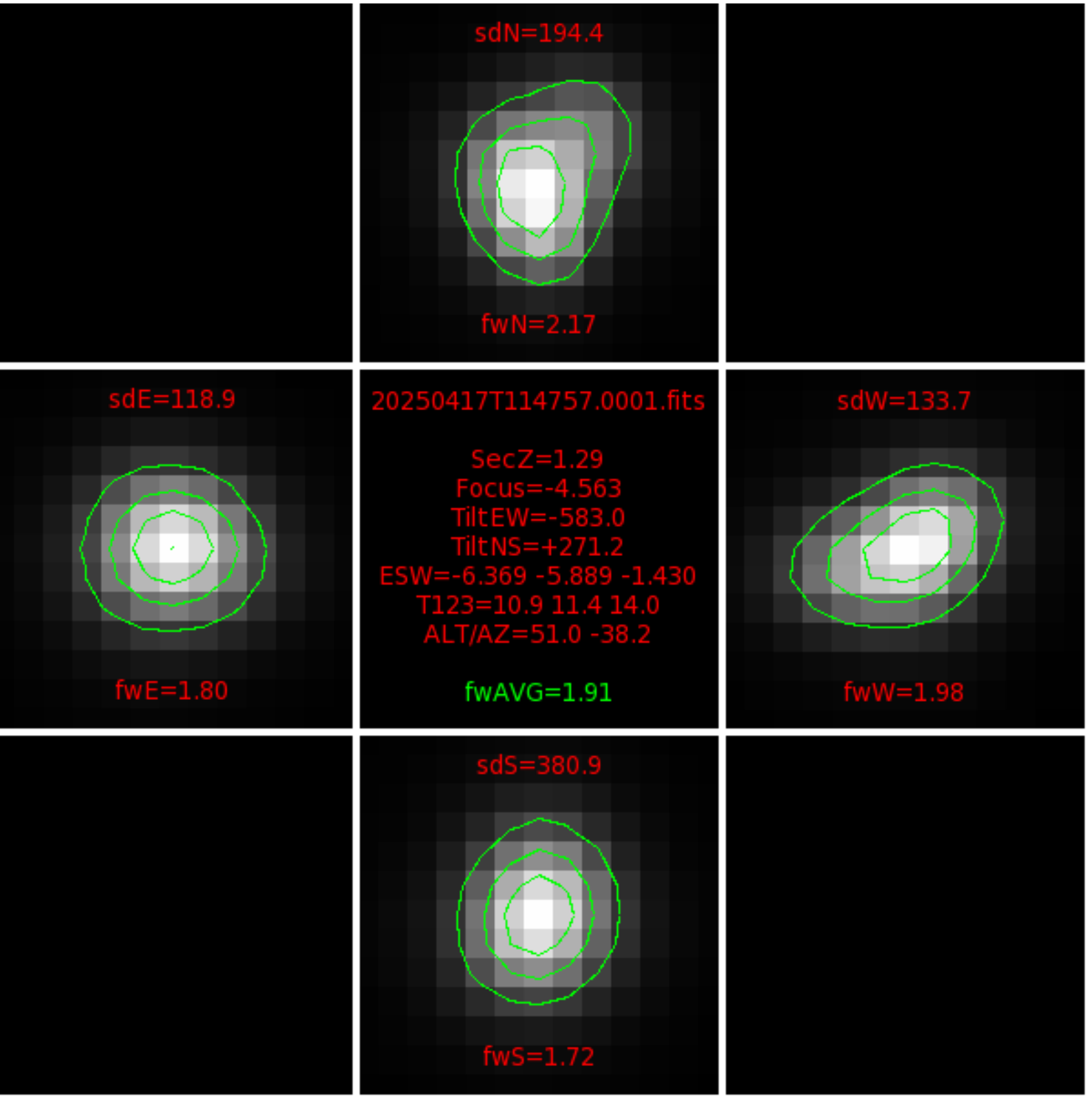

sdN=122.7
fwN=2.30
sdE=68.4
fwE=1.98
20250417T114615.0001.fits
SecZ=1.28
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=10.9 11.3 14.0
ALT/AZ=51.2 -38.1
fwAVG=2.08
sdW=92.9
fwW=2.20
sdS=342.5
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=194.4
fwN=2.17
sdE=118.9
fwE=1.80
20250417T114757.0001.fits
SecZ=1.29
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=10.9 11.4 14.0
ALT/AZ=51.0 -38.2
fwAVG=1.91
sdW=133.7
fwW=1.98
sdS=380.9
fwS=1.72
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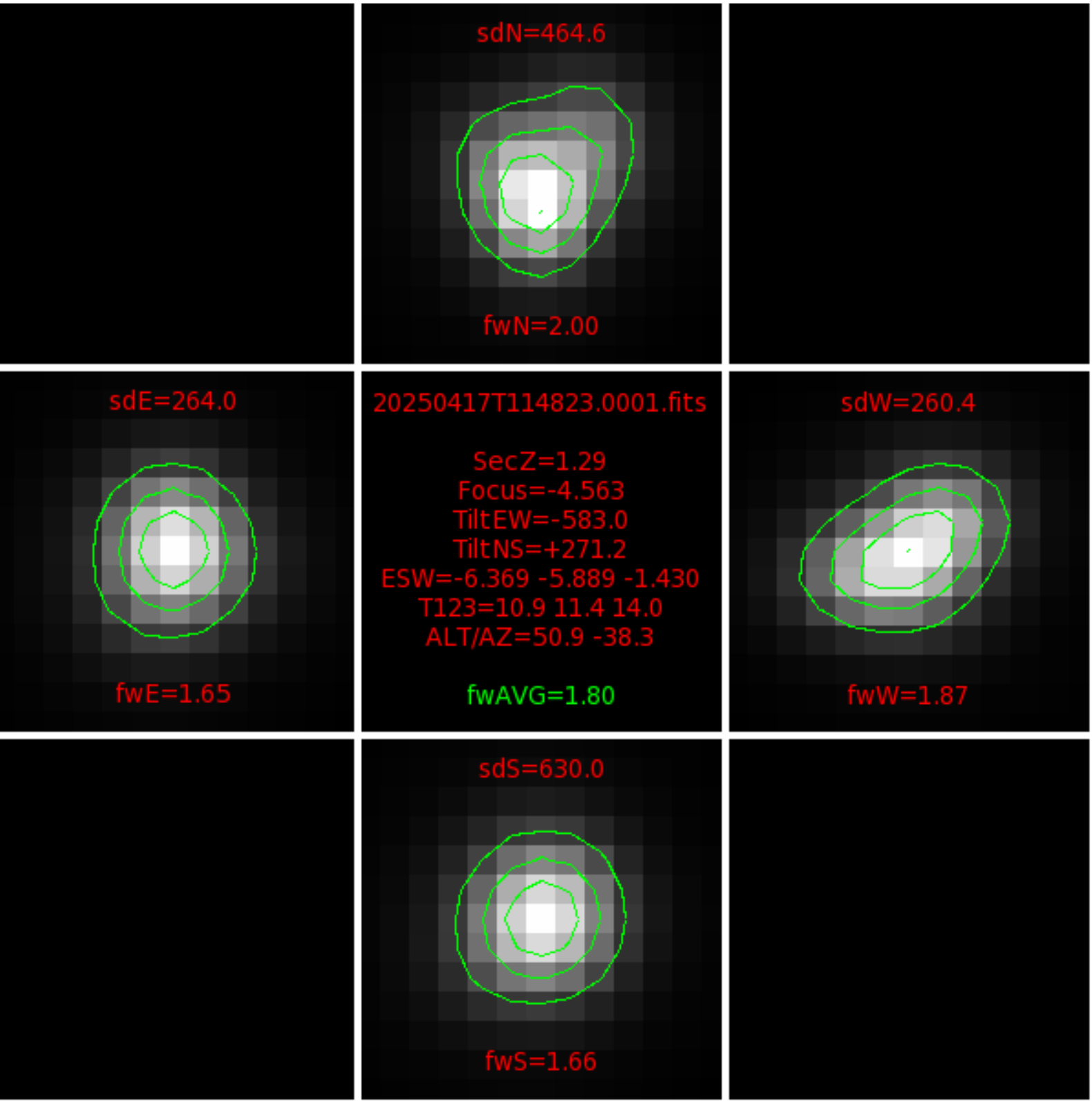
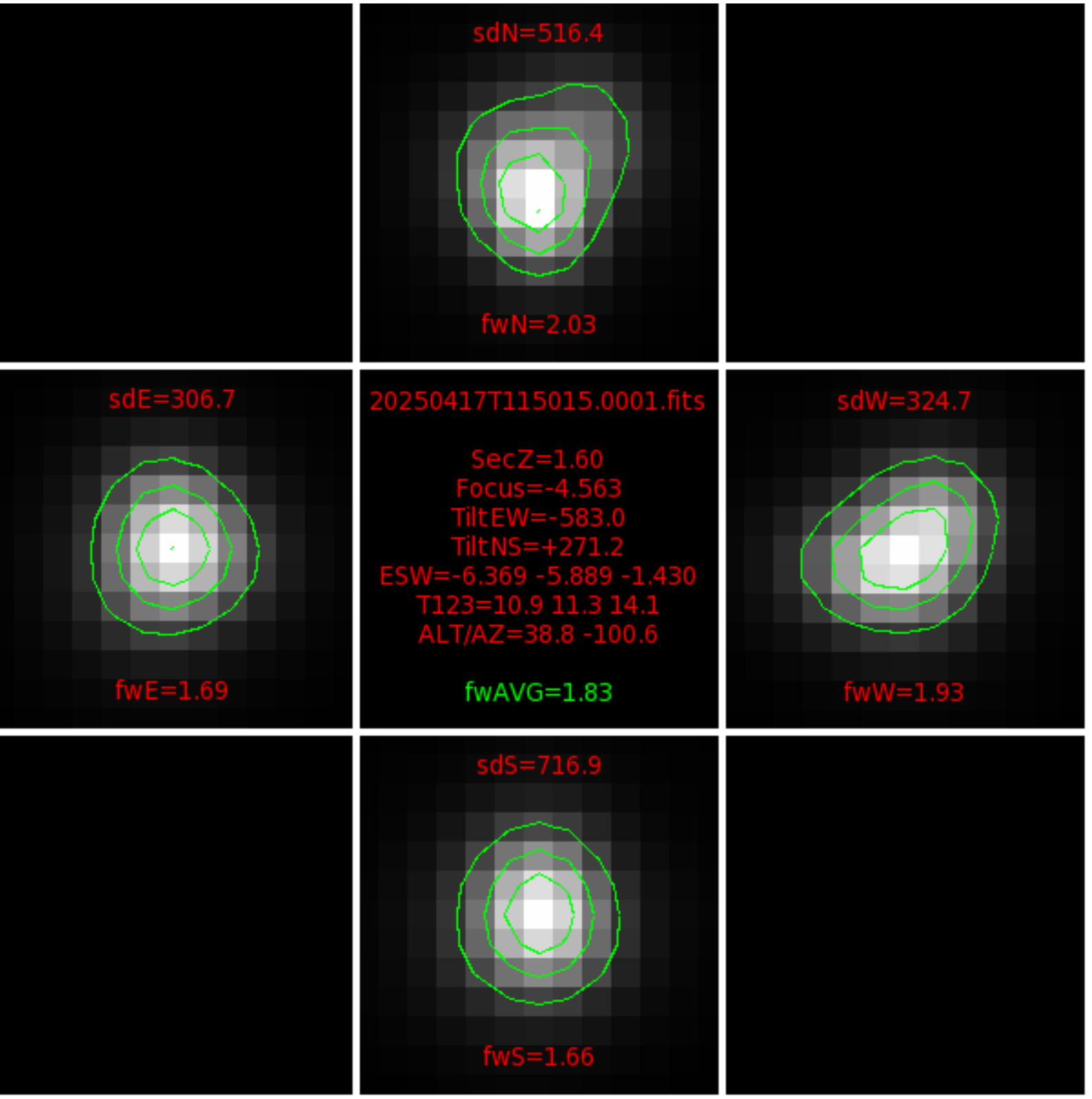

sdN=464.6
fwN=2.00
sdE=264.0
fwE=1.65
20250417T114823.0001.fits
SecZ=1.29
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=10.9 11.4 14.0
ALT/AZ=50.9 -38.3
fwAVG=1.80
sdW=260.4
fwW=1.87
sdS=630.0
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=516.4
fwN=2.03
sdE=306.7
fwE=1.69
20250417T115015.0001.fits
SecZ=1.60
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=10.9 11.3 14.1
ALT/AZ=38.8 -100.6
fwAVG=1.83
sdW=324.7
fwW=1.93
sdS=716.9
fwS=1.66
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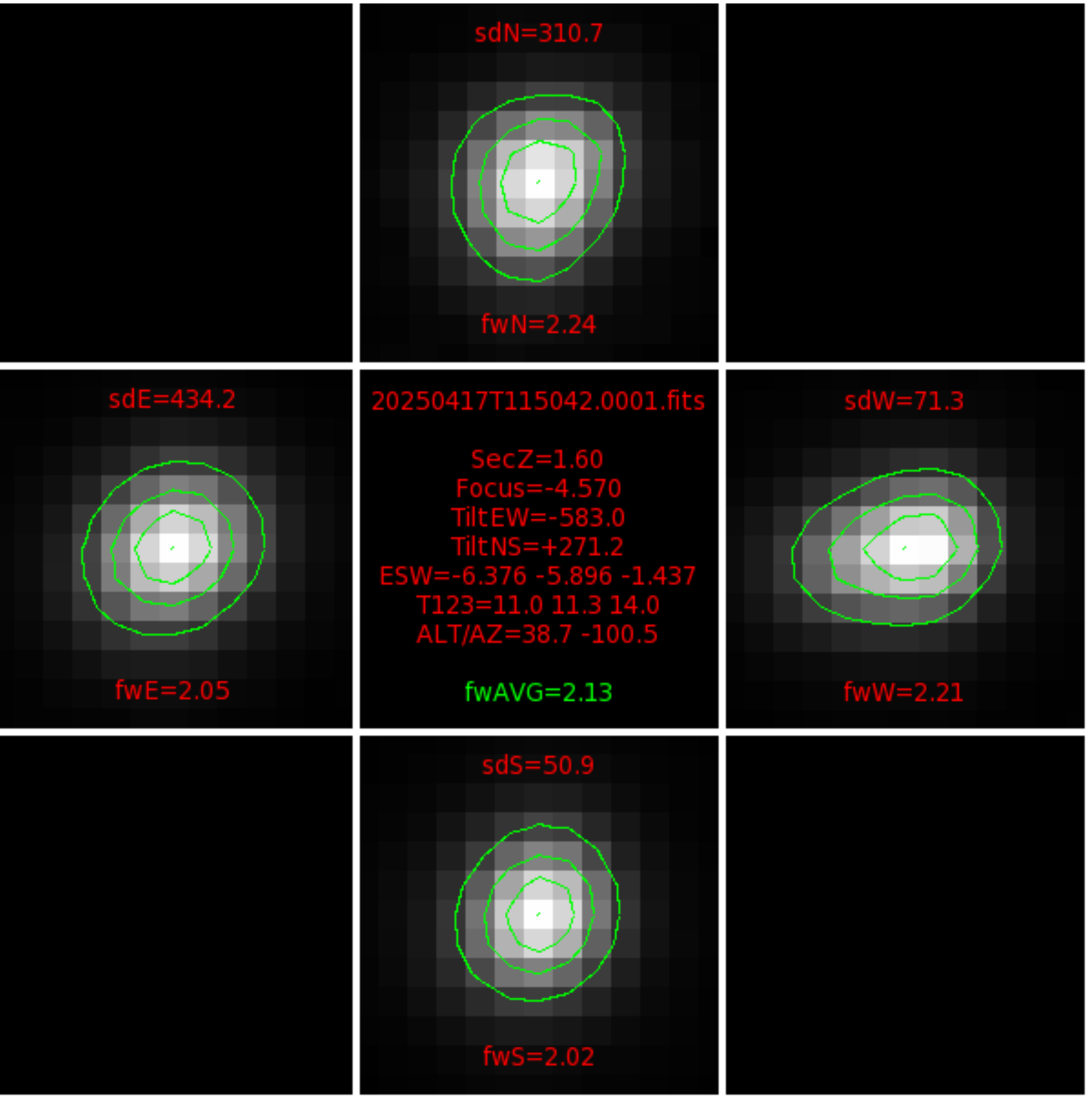
sdN=310.7
fwN=2.24
sdE=434.2
fwE=2.05
20250417T115042.0001.fits
SecZ=1.60
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.0 11.3 14.0
ALT/AZ=38.7 -100.5
fwAVG=2.13
sdW=71.3
fwW=2.21
sdS=50.9
fwS=2.02
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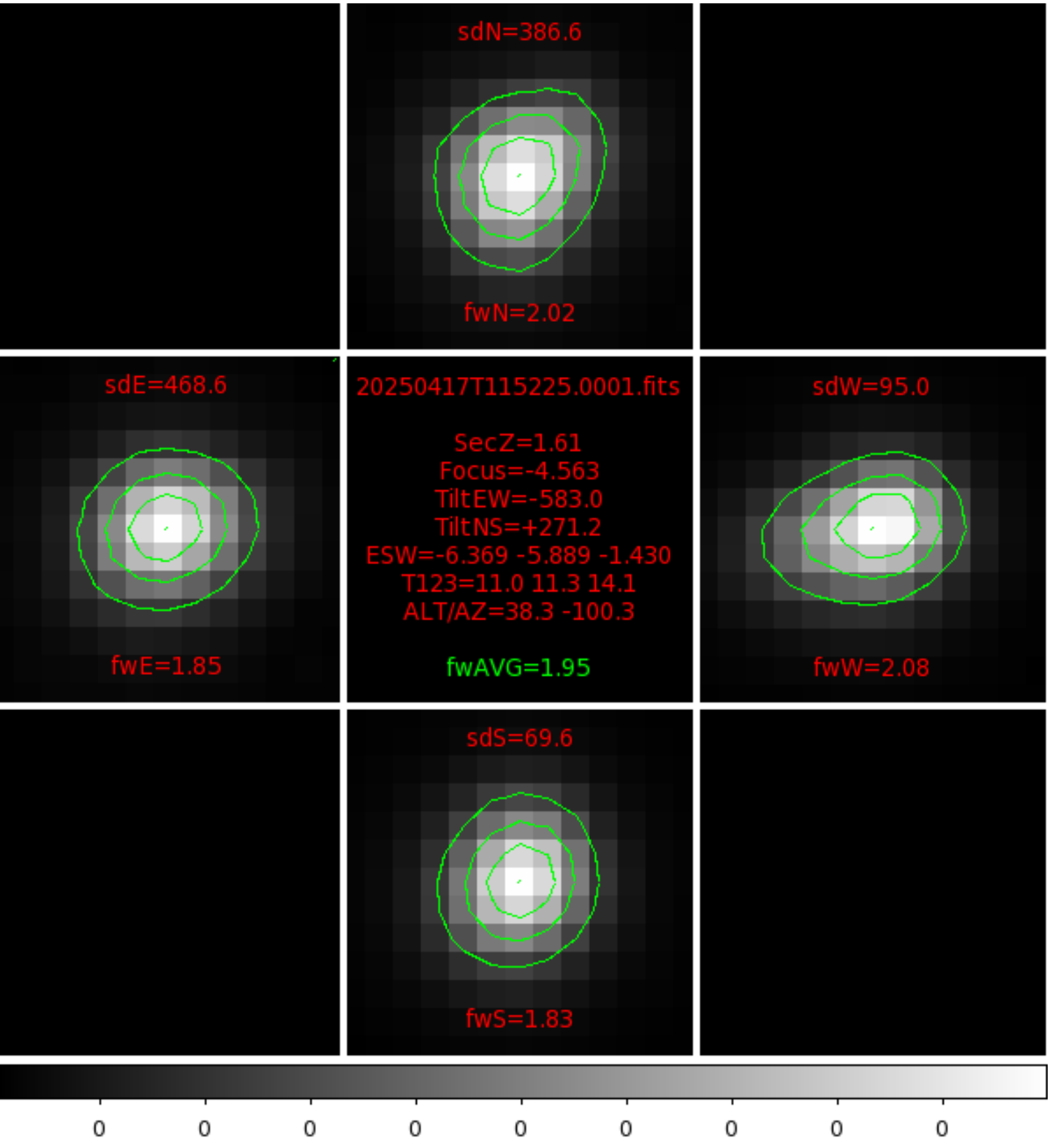
sdN=386.6
fwN=2.02
sdE=468.6
fwE=1.85
20250417T115225.0001.fits
SecZ=1.61
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.0 11.3 14.1
ALT/AZ=38.3 -100.3
fwAVG=1.95
sdW=95.0
fwW=2.08
sdS=69.6
fwS=1.83
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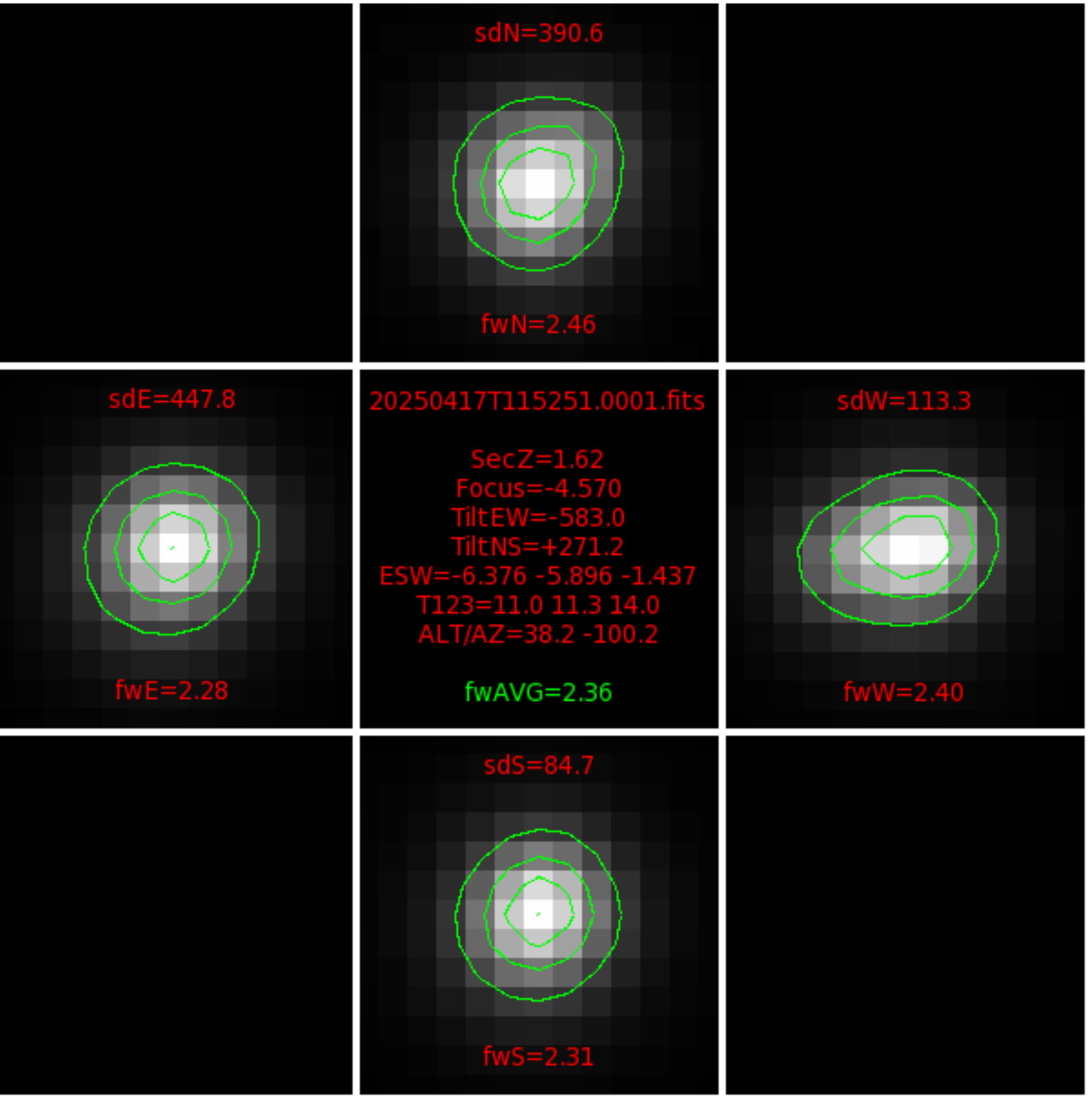
sdN=390.6
fwN=2.46
sdE=447.8
fwE=2.28
20250417T115251.0001.fits
SecZ=1.62
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.0 11.3 14.0
ALT/AZ=38.2 -100.2
fwAVG=2.36
sdW=113.3
fwW=2.40
sdS=84.7
fwS=2.31
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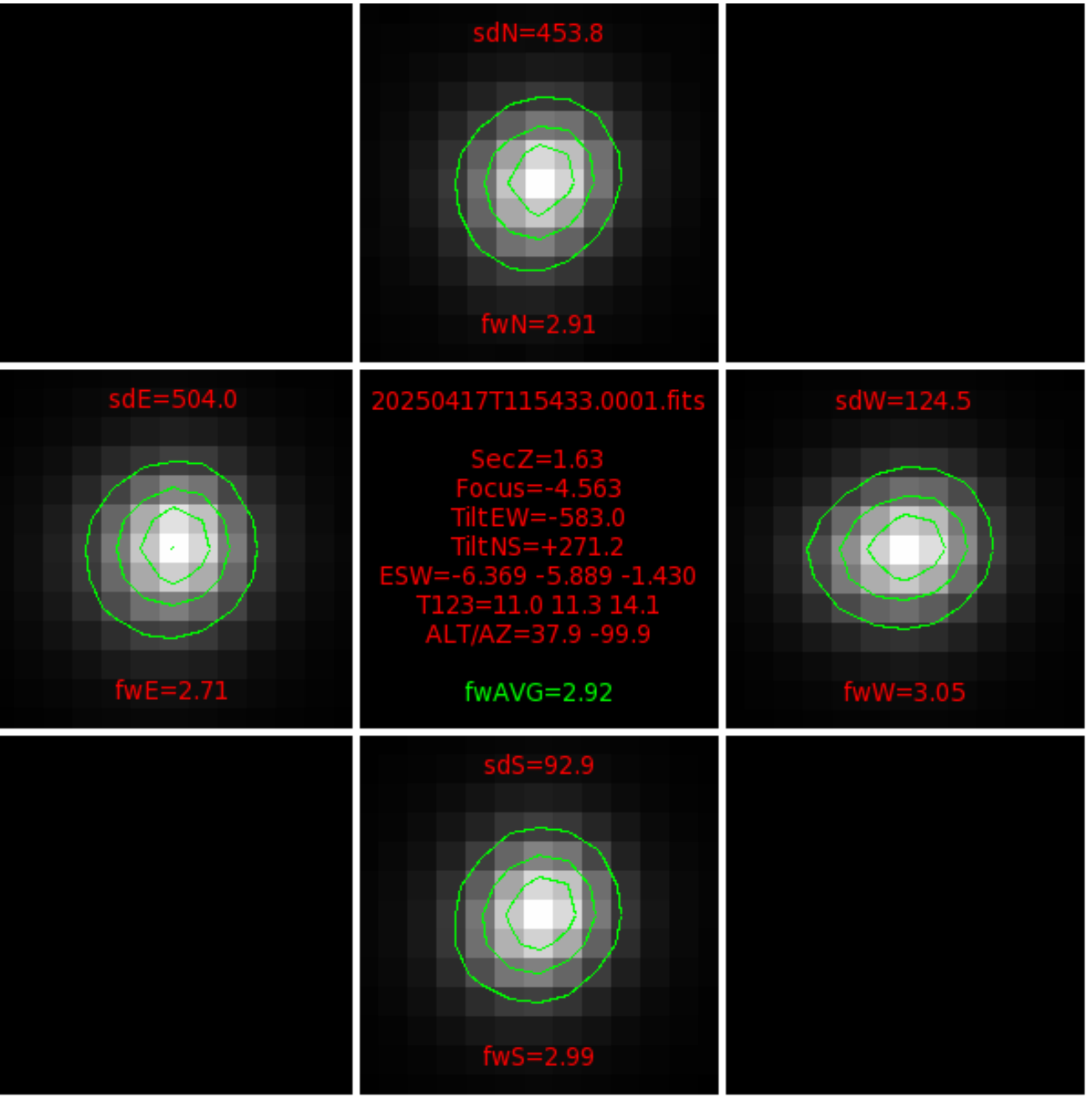
sdN=453.8
fwN=2.91
sdE=504.0
fwE=2.71
20250417T115433.0001.fits
SecZ=1.63
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.0 11.3 14.1
ALT/AZ=37.9 -99.9
fwAVG=2.92
sdW=124.5
fwW=3.05
sdS=92.9
fwS=2.99
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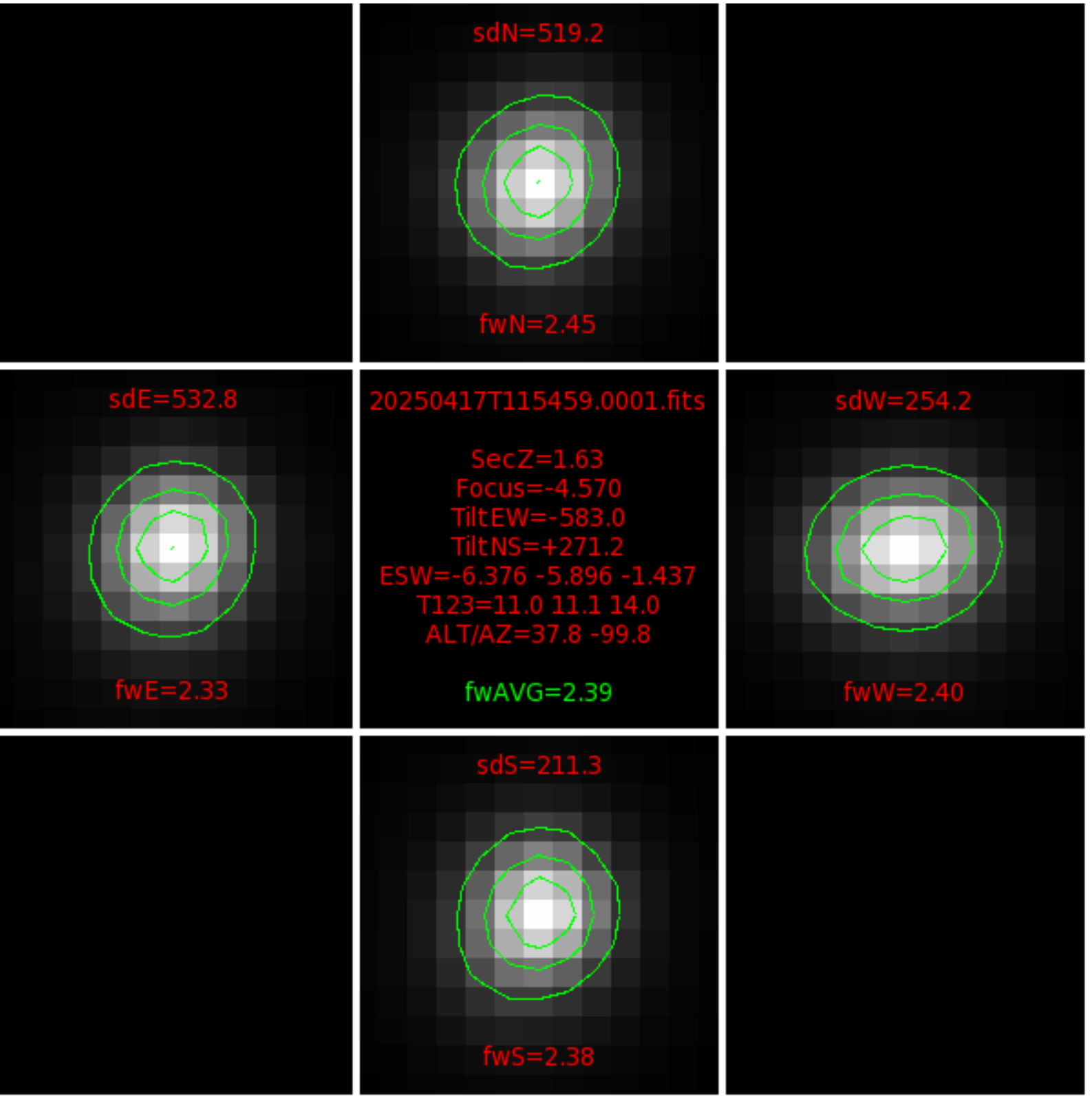
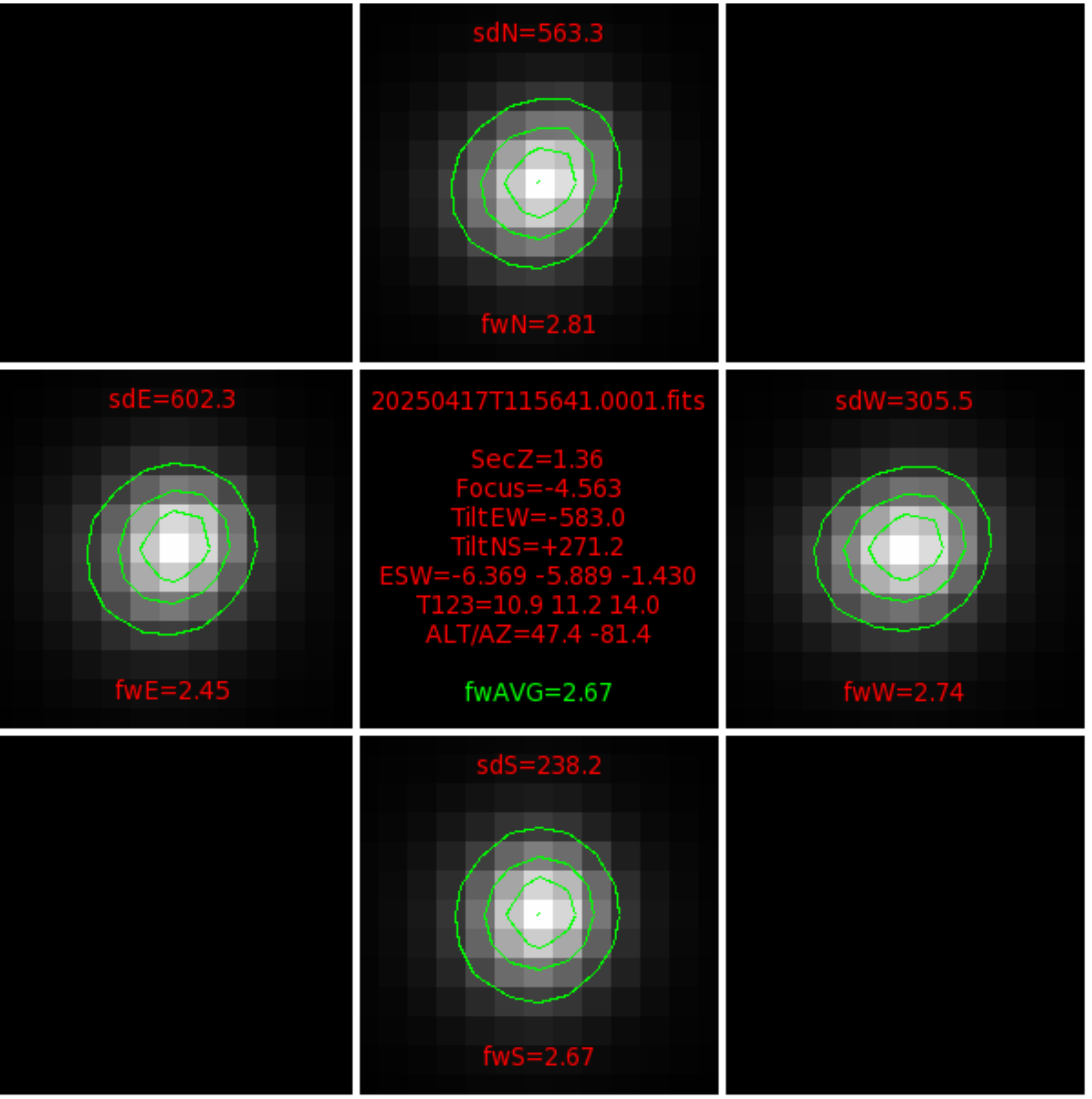

sdN=519.2
fwN=2.45
sdE=532.8
fwE=2.33
20250417T115459.0001.fits
SecZ=1.63
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.0 11.1 14.0
ALT/AZ=37.8 -99.8
fwAVG=2.39
sdW=254.2
fwW=2.40
sdS=211.3
fwS=2.38
0 0 0 0 0 0 0 0 0


sdN=563.3
fwN=2.81
sdE=602.3
fwE=2.45
20250417T115641.0001.fits
SecZ=1.36
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=10.9 11.2 14.0
ALT/AZ=47.4 -81.4
fwAVG=2.67
sdW=305.5
fwW=2.74
sdS=238.2
fwS=2.67
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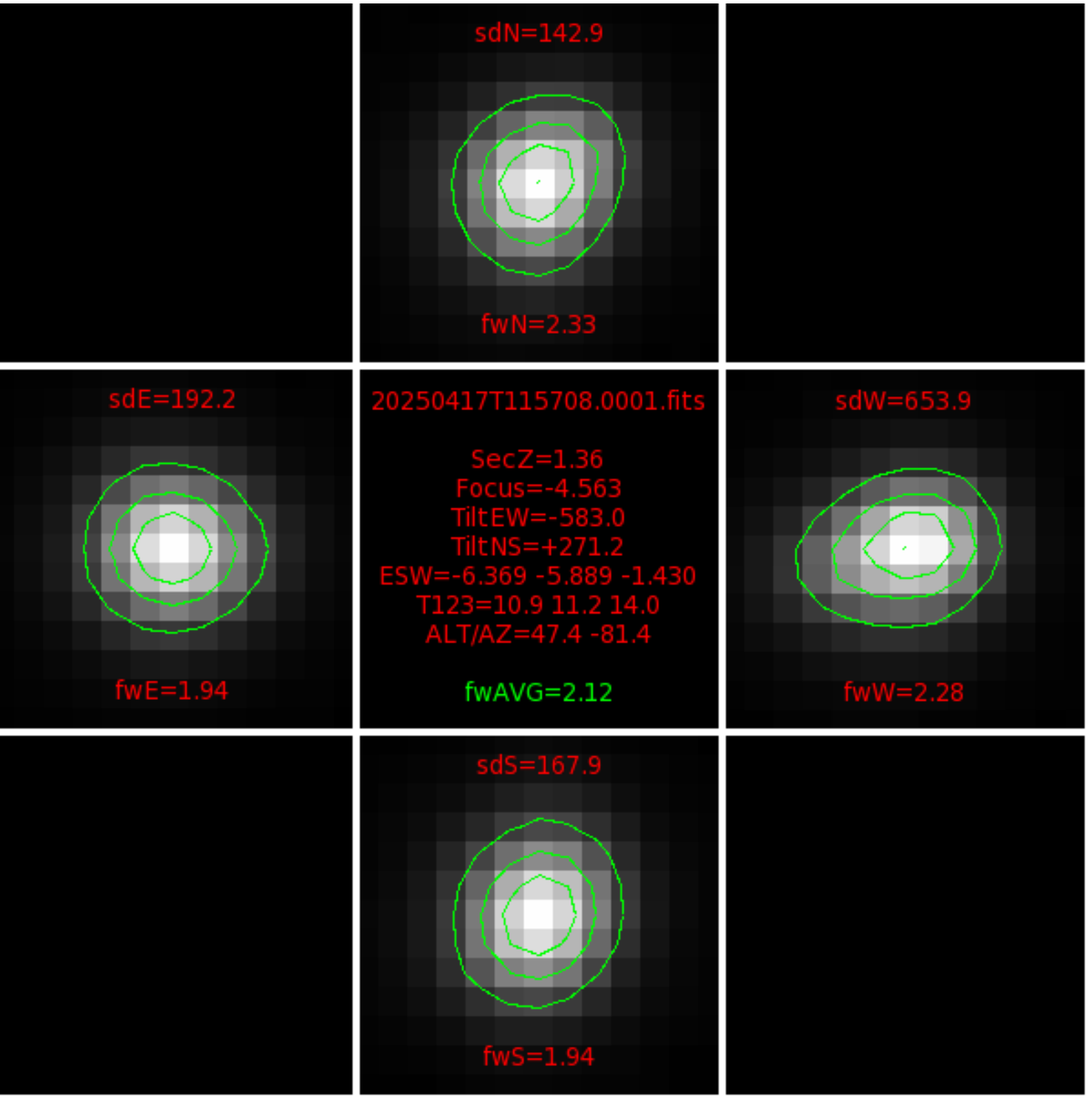
sdN=142.9
fwN=2.33
sdE=192.2
fwE=1.94
20250417T115708.0001.fits
SecZ=1.36
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=10.9 11.2 14.0
ALT/AZ=47.4 -81.4
fwAVG=2.12
sdW=653.9
fwW=2.28
sdS=167.9
fwS=1.94
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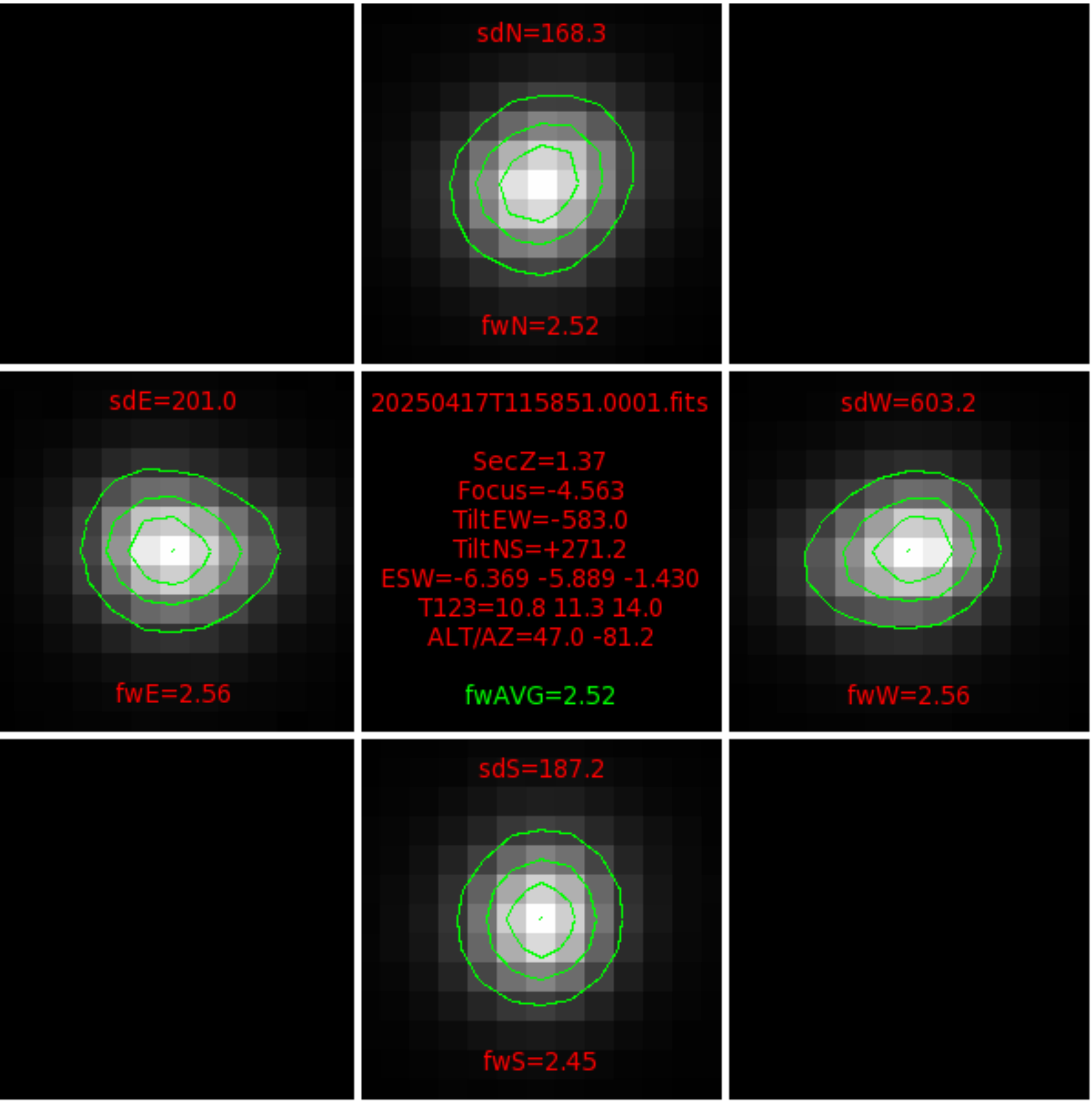
sdN=168.3
fwN=2.52
sdE=201.0
fwE=2.56
20250417T115851.0001.fits
SecZ=1.37
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=10.8 11.3 14.0
ALT/AZ=47.0 -81.2
fwAVG=2.52
sdW=603.2
fwW=2.56
sdS=187.2
fwS=2.45
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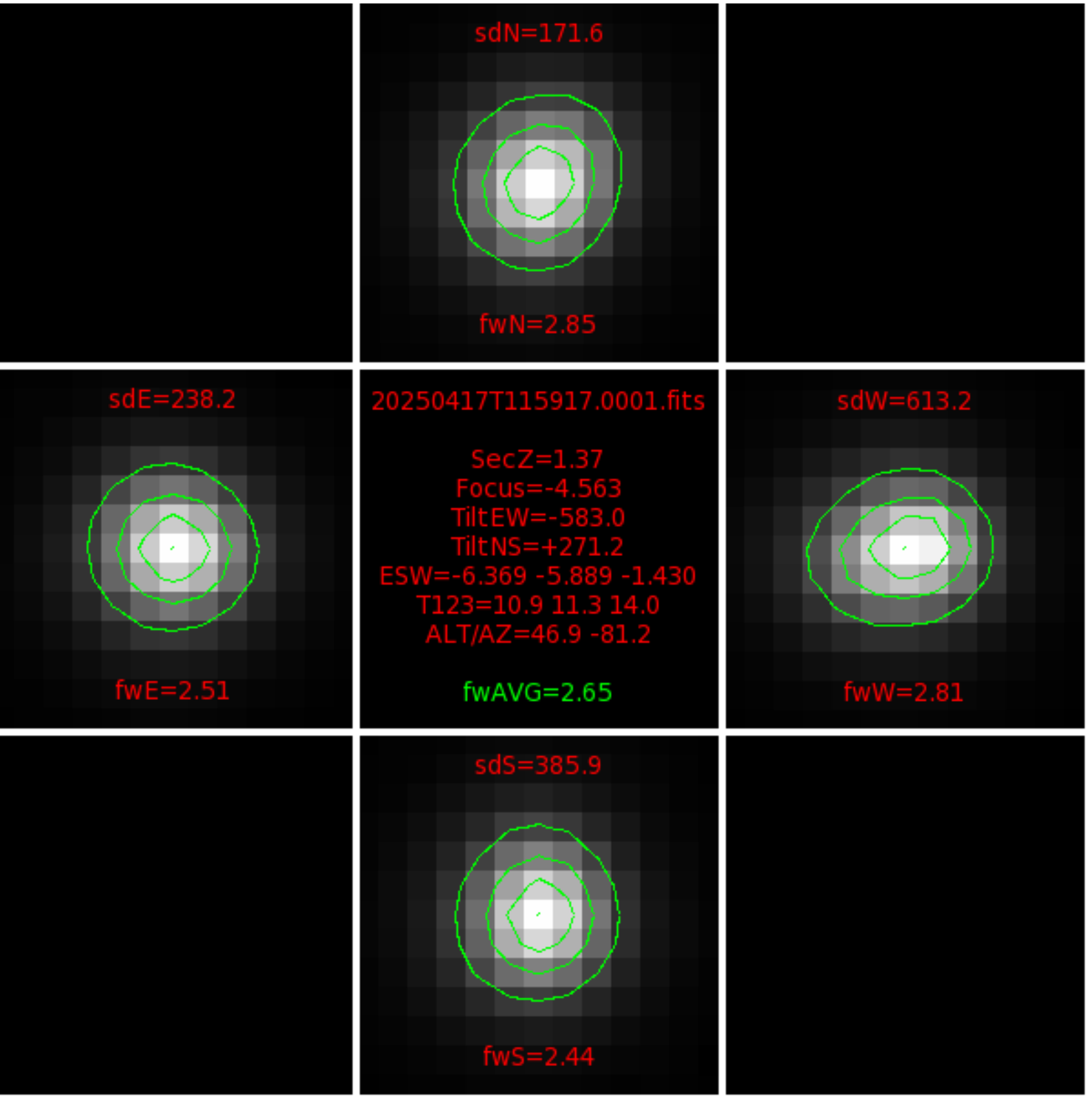
sdN=171.6
fwN=2.85
sdE=238.2
fwE=2.51
20250417T115917.0001.fits
SecZ=1.37
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=10.9 11.3 14.0
ALT/AZ=46.9 -81.2
fwAVG=2.65
sdW=613.2
fwW=2.81
sdS=385.9
fwS=2.44
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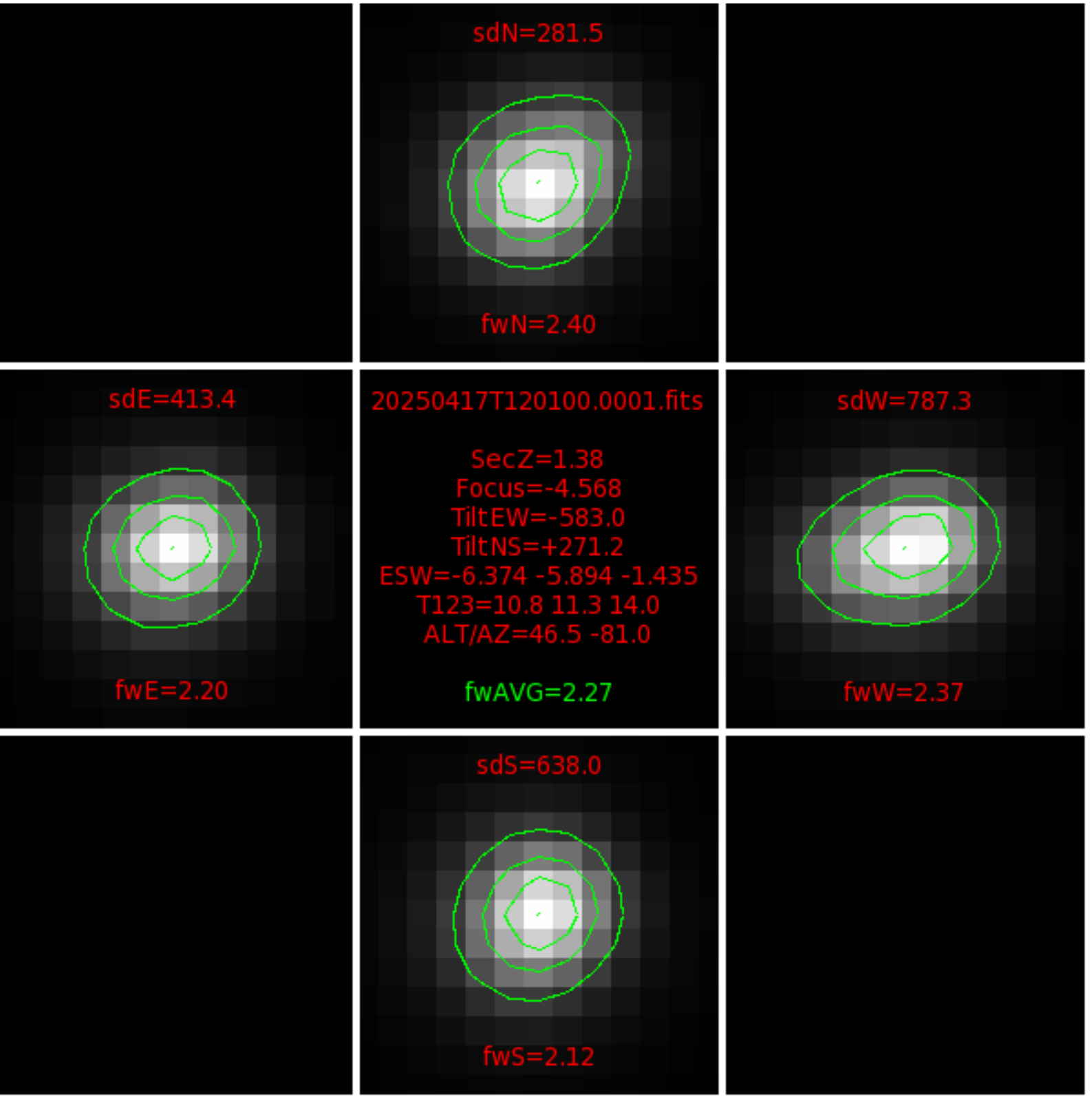
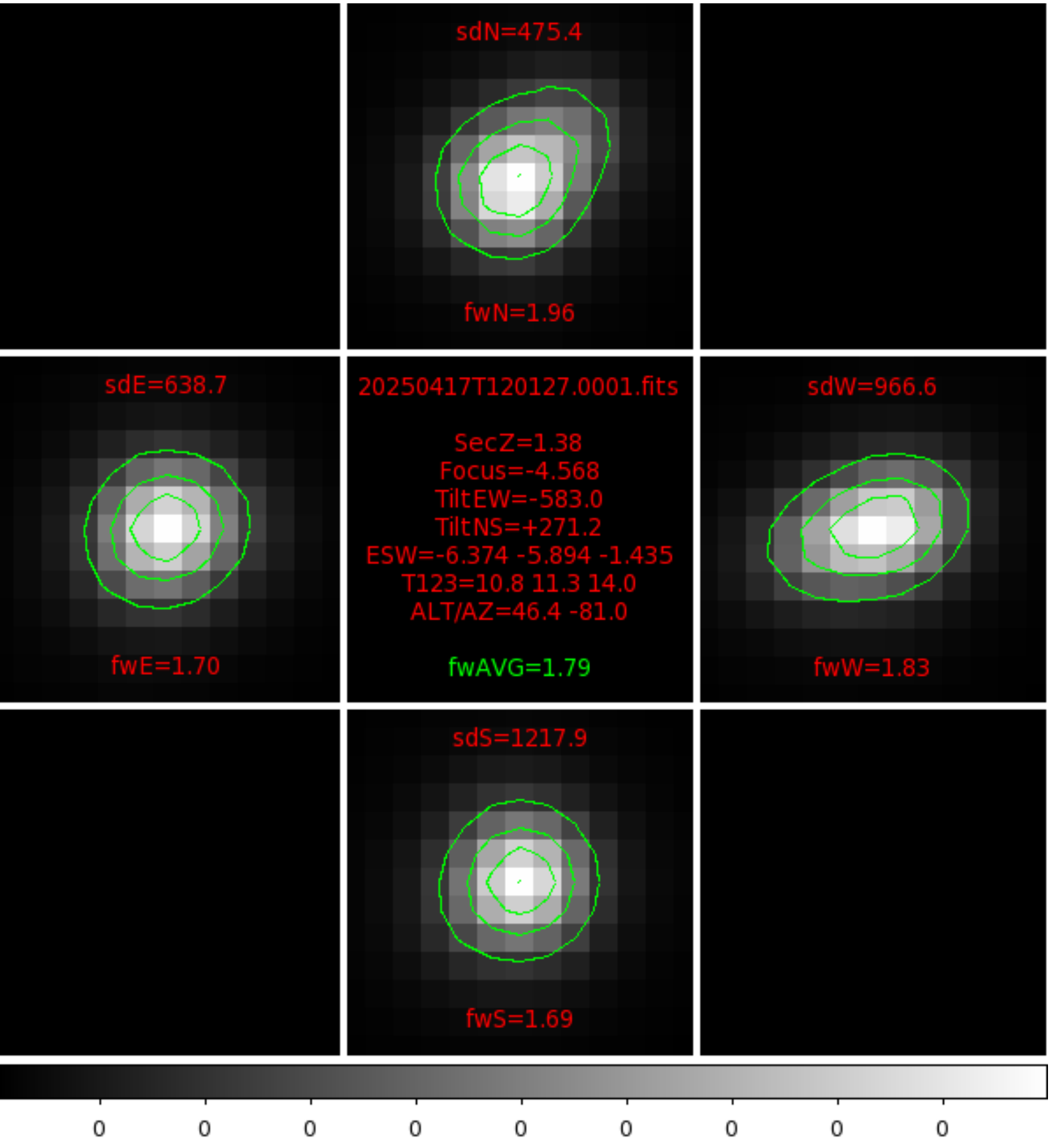

sdN=281.5
fwN=2.40
sdE=413.4
fwE=2.20
20250417T120100.0001.fits
SecZ=1.38
Focus=-4.568
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.374 -5.894 -1.435
T123=10.8 11.3 14.0
ALT/AZ=46.5 -81.0
fwAVG=2.27
sdW=787.3
fwW=2.37
sdS=638.0
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=475.4
fwN=1.96
sdE=638.7
fwE=1.70
20250417T120127.0001.fits
SecZ=1.38
Focus=-4.568
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.374 -5.894 -1.435
T123=10.8 11.3 14.0
ALT/AZ=46.4 -81.0
fwAVG=1.79
sdW=966.6
fwW=1.83
sdS=1217.9
fwS=1.69
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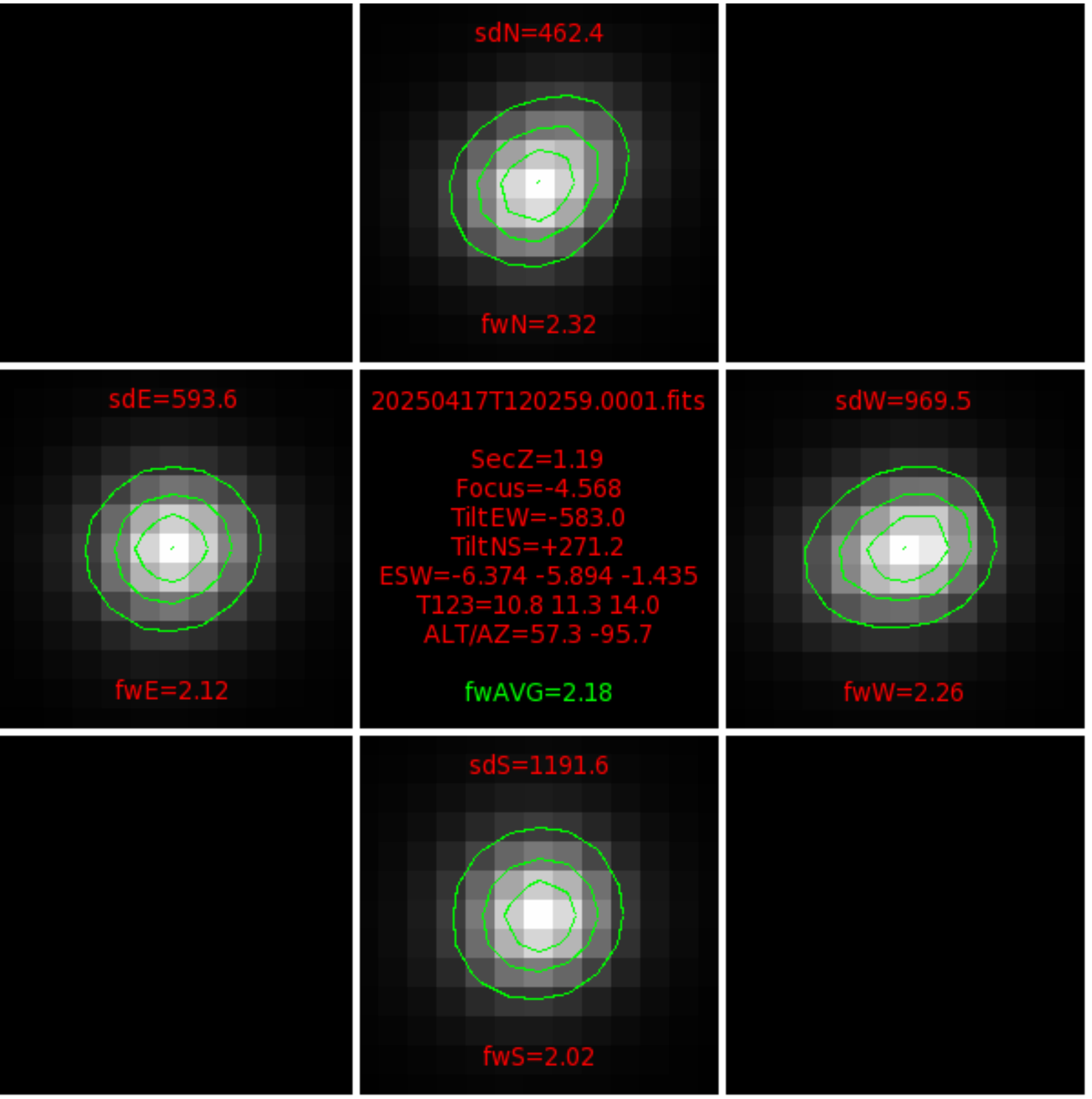
sdN=462.4
fwN=2.32
sdE=593.6
fwE=2.12
20250417T120259.0001.fits
SecZ=1.19
Focus=-4.568
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.374 -5.894 -1.435
T123=10.8 11.3 14.0
ALT/AZ=57.3 -95.7
fwAVG=2.18
sdW=969.5
fwW=2.26
sdS=1191.6
fwS=2.02
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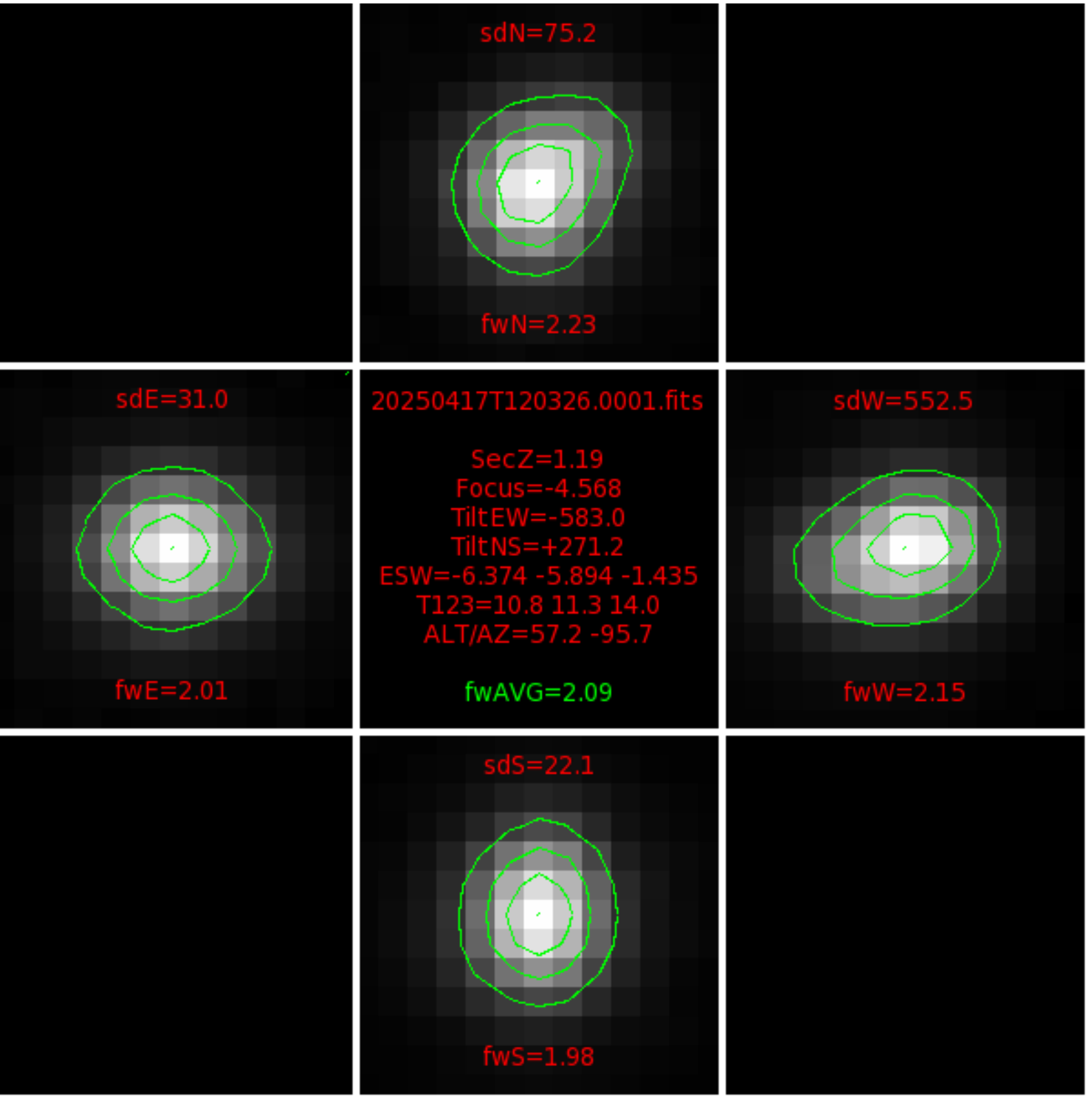
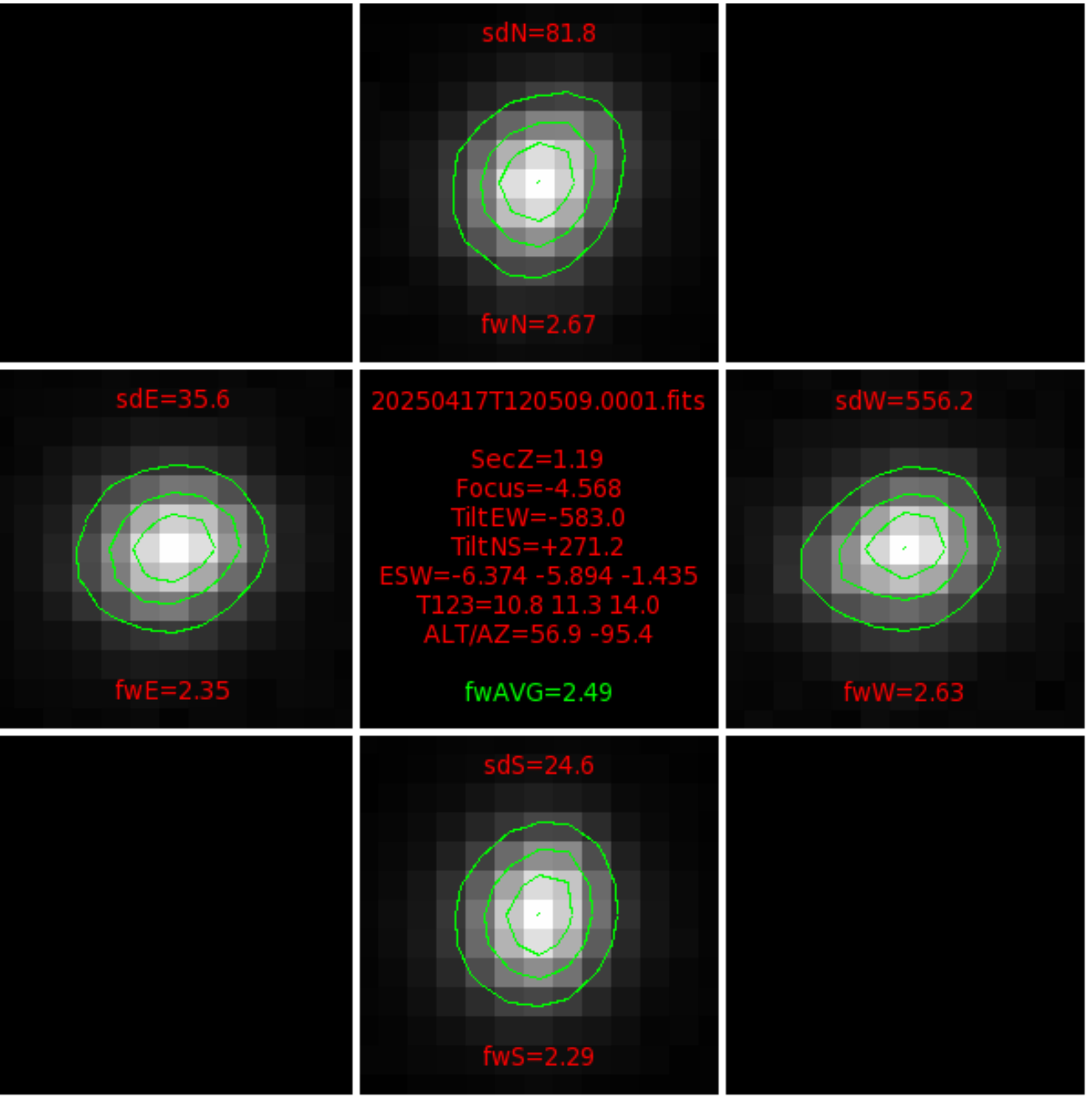
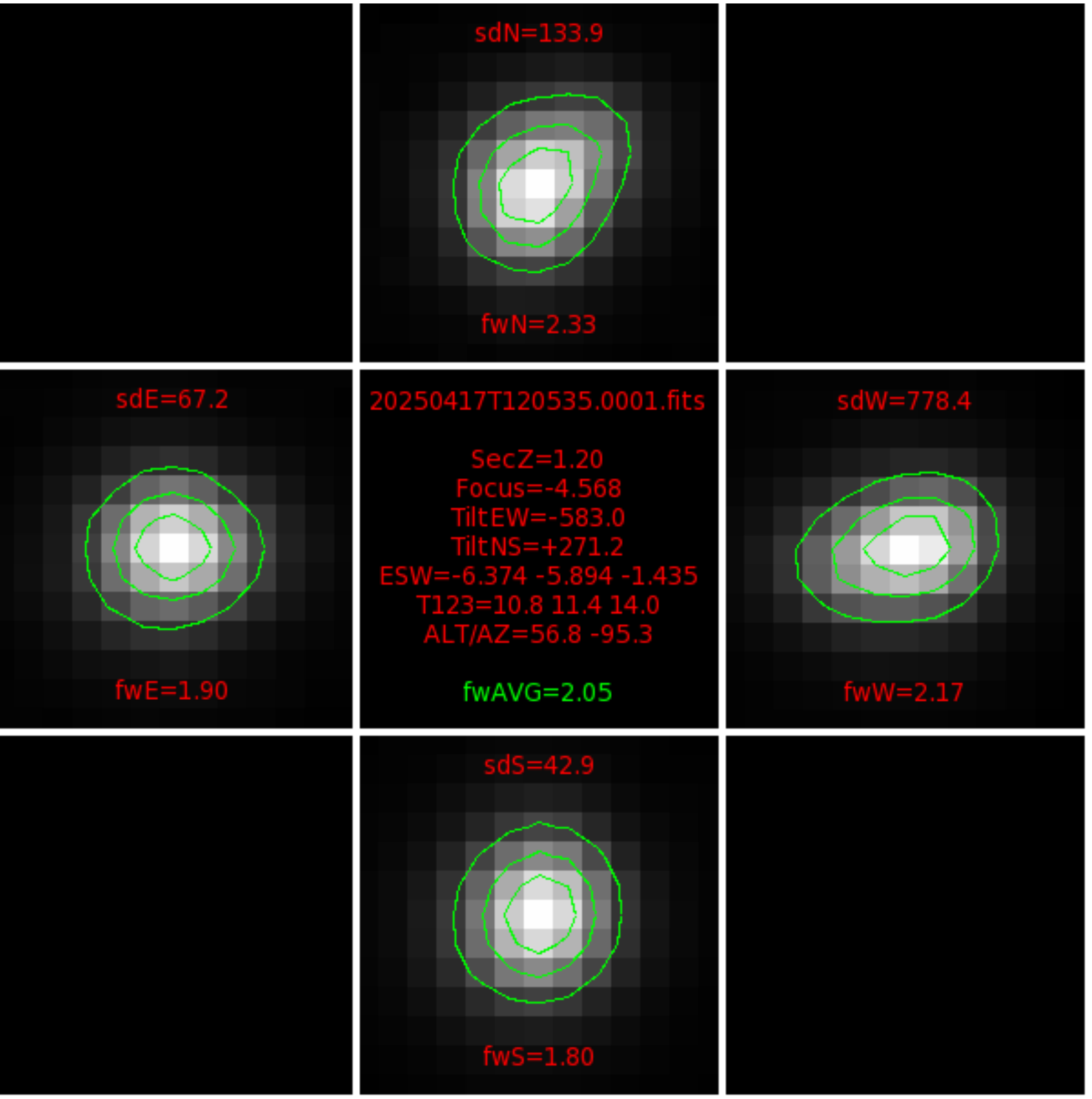
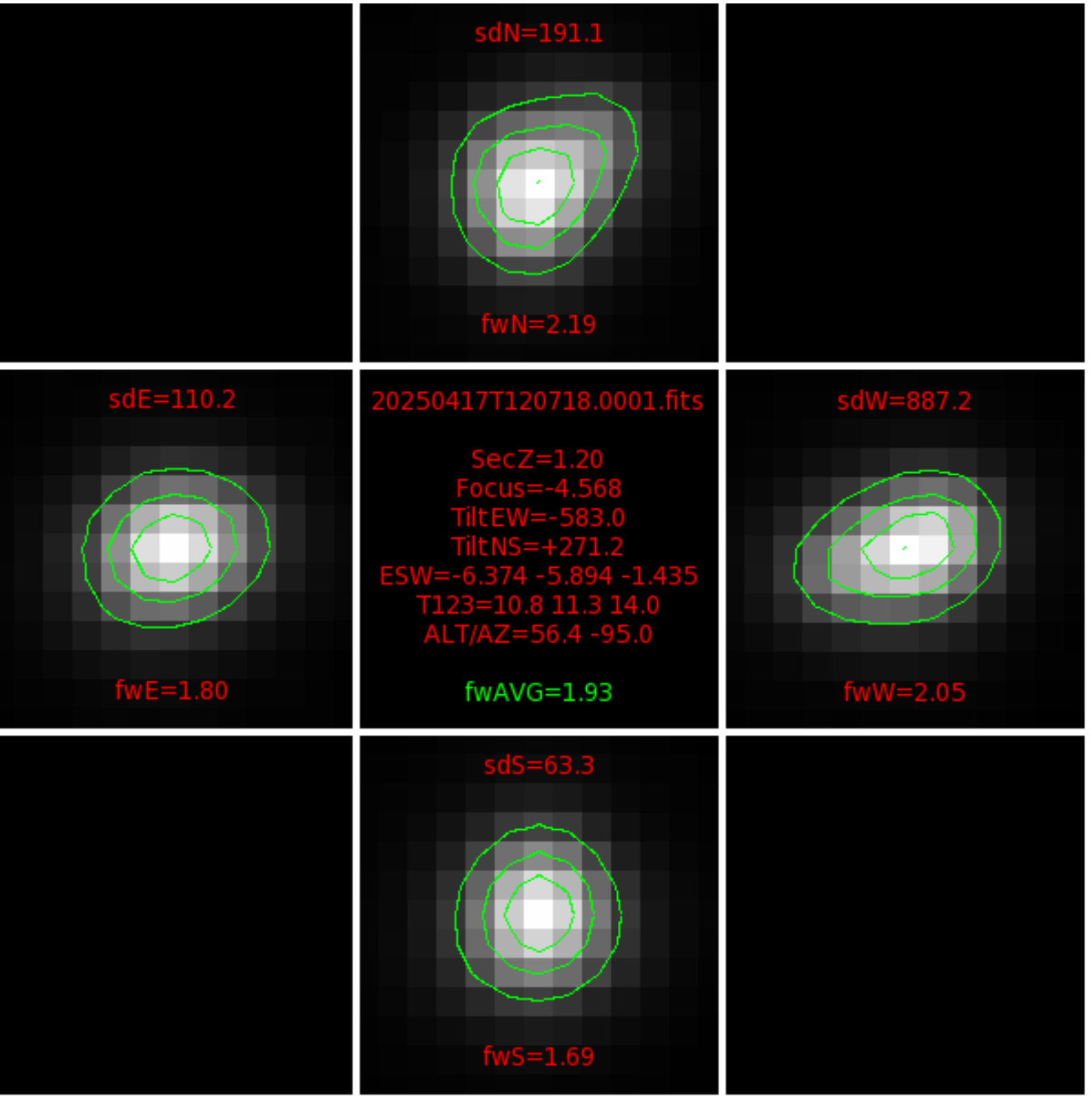
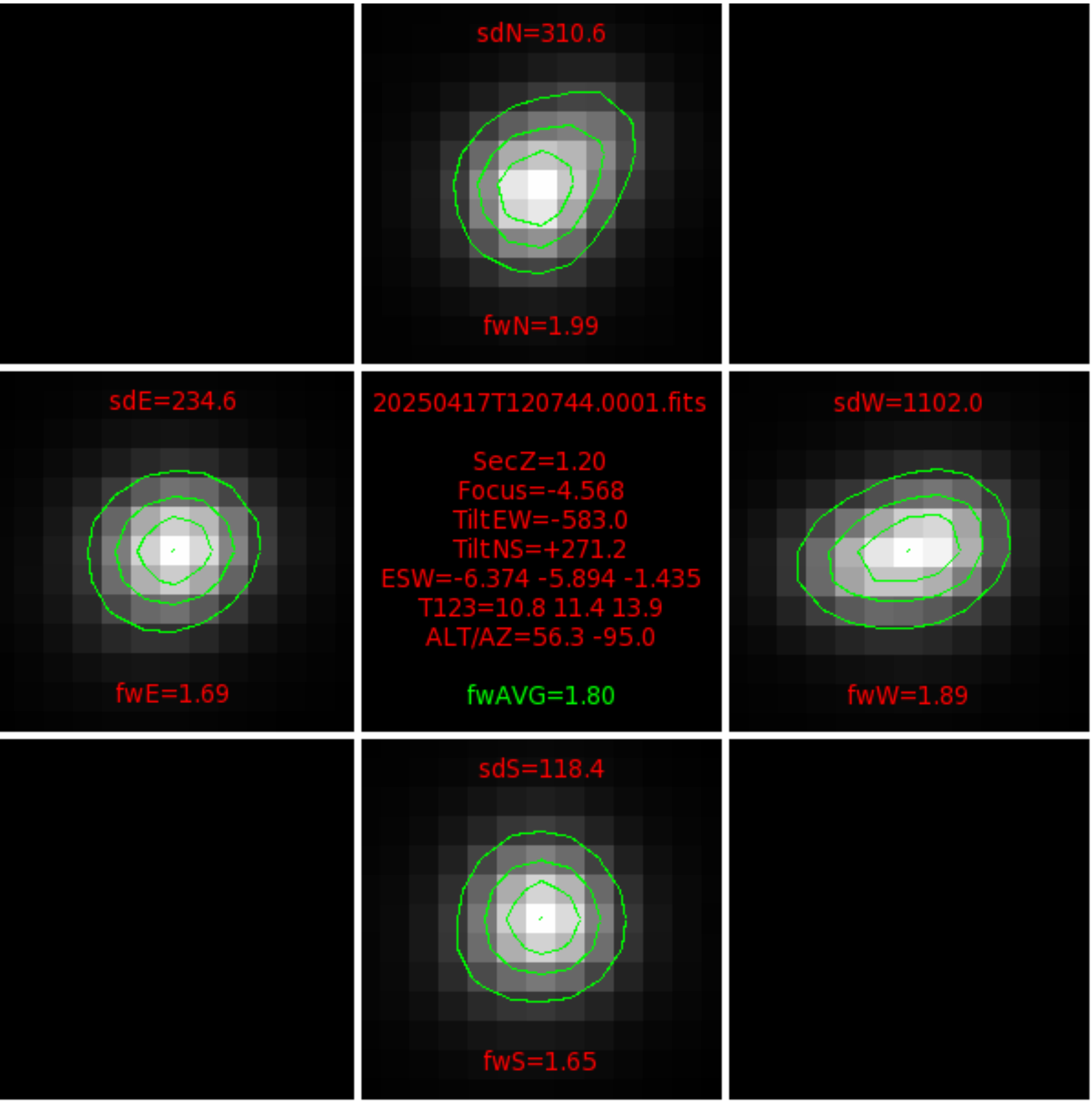

sdN=75.2
fwN=2.23
sdE=31.0
fwE=2.01
20250417T120326.0001.fits
SecZ=1.19
Focus=-4.568
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.374 -5.894 -1.435
T123=10.8 11.3 14.0
ALT/AZ=57.2 -95.7
fwAVG=2.09
sdW=552.5
fwW=2.15
sdS=22.1
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=81.8
fwN=2.67
sdE=35.6
fwE=2.35
20250417T120509.0001.fits
SecZ=1.19
Focus=-4.568
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.374 -5.894 -1.435
T123=10.8 11.3 14.0
ALT/AZ=56.9 -95.4
fwAVG=2.49
sdW=556.2
fwW=2.63
sdS=24.6
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=133.9
fwN=2.33
sdE=67.2
fwE=1.90
20250417T120535.0001.fits
SecZ=1.20
Focus=-4.568
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.374 -5.894 -1.435
T123=10.8 11.4 14.0
ALT/AZ=56.8 -95.3
fwAVG=2.05
sdW=778.4
fwW=2.17
sdS=42.9
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=191.1
fwN=2.19
sdE=110.2
fwE=1.80
20250417T120718.0001.fits
SecZ=1.20
Focus=-4.568
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.374 -5.894 -1.435
T123=10.8 11.3 14.0
ALT/AZ=56.4 -95.0
fwAVG=1.93
sdW=887.2
fwW=2.05
sdS=63.3
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=310.6
fwN=1.99
sdE=234.6
fwE=1.69
20250417T120744.0001.fits
SecZ=1.20
Focus=-4.568
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.374 -5.894 -1.435
T123=10.8 11.4 13.9
ALT/AZ=56.3 -95.0
fwAVG=1.80
sdW=1102.0
fwW=1.89
sdS=118.4
fwS=1.65
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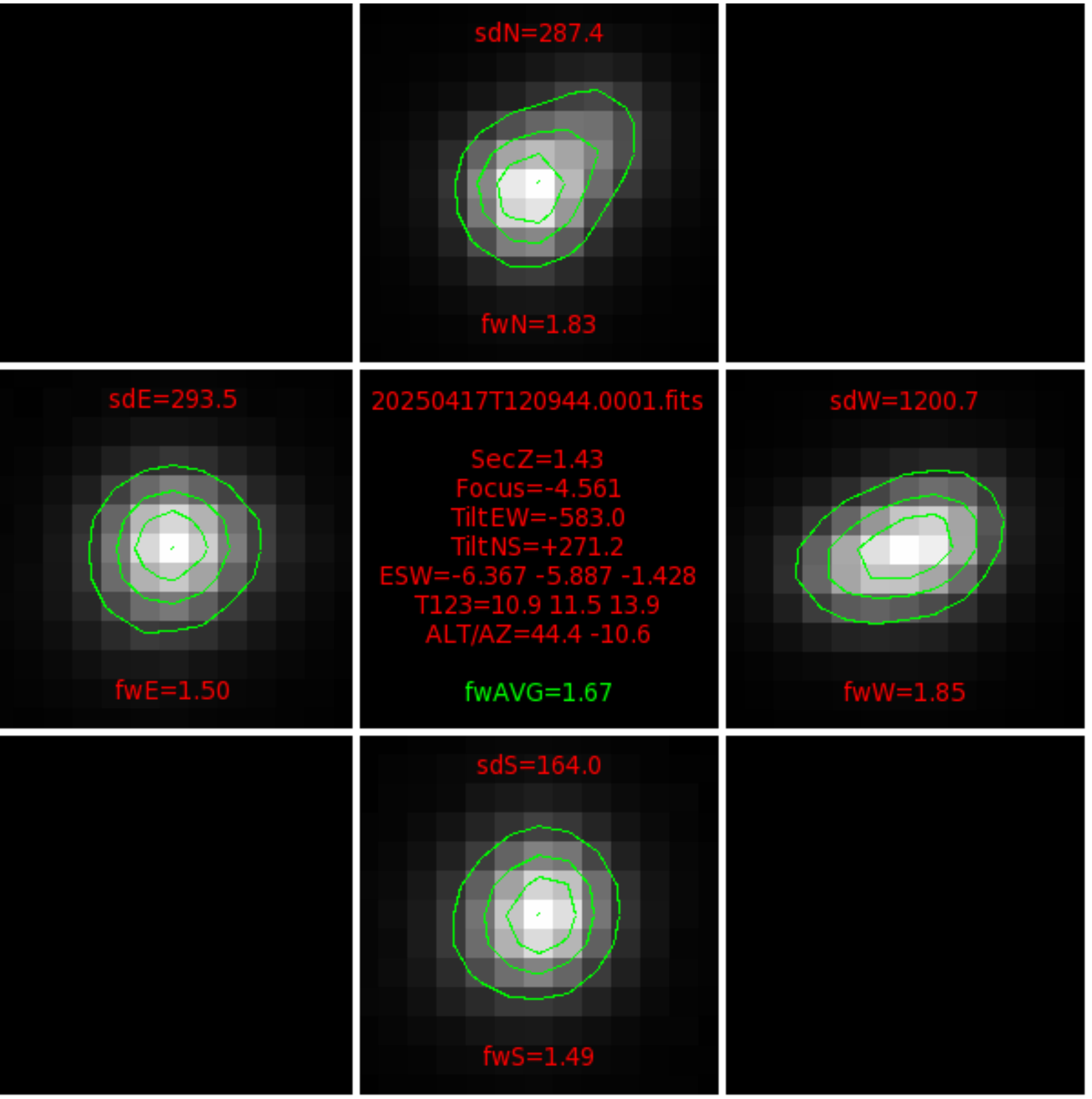
sdN=287.4
fwN=1.83
sdE=293.5
fwE=1.50
20250417T120944.0001.fits
SecZ=1.43
Focus=-4.561
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.367 -5.887 -1.428
T123=10.9 11.5 13.9
ALT/AZ=44.4 -10.6
fwAVG=1.67
sdW=1200.7
fwW=1.85
sdS=164.0
fwS=1.49
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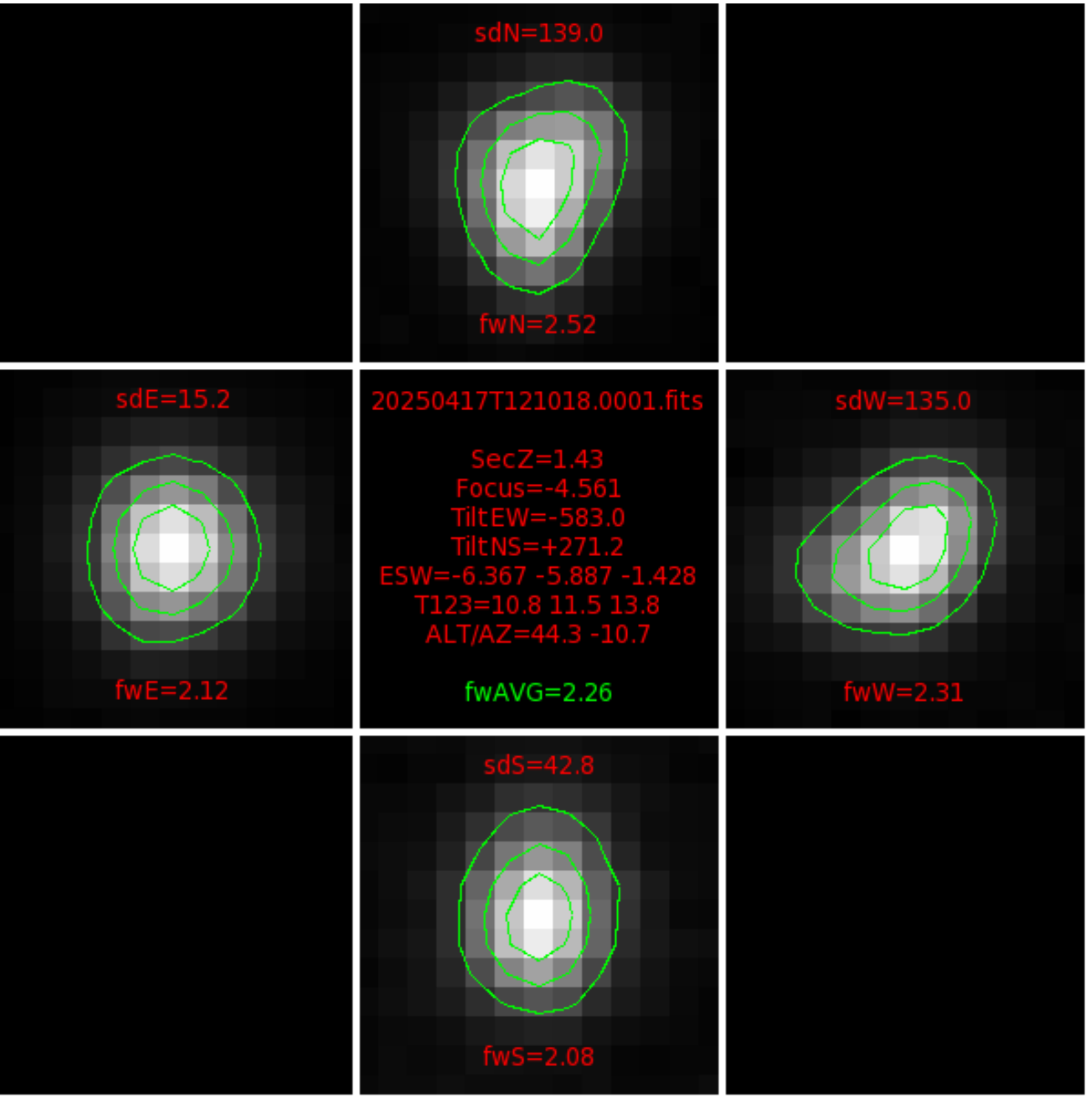
sdN=139.0
fwN=2.52
sdE=15.2
fwE=2.12
20250417T121018.0001.fits
SecZ=1.43
Focus=-4.561
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.367 -5.887 -1.428
T123=10.8 11.5 13.8
ALT/AZ=44.3 -10.7
fwAVG=2.26
sdW=135.0
fwW=2.31
sdS=42.8
fwS=2.08
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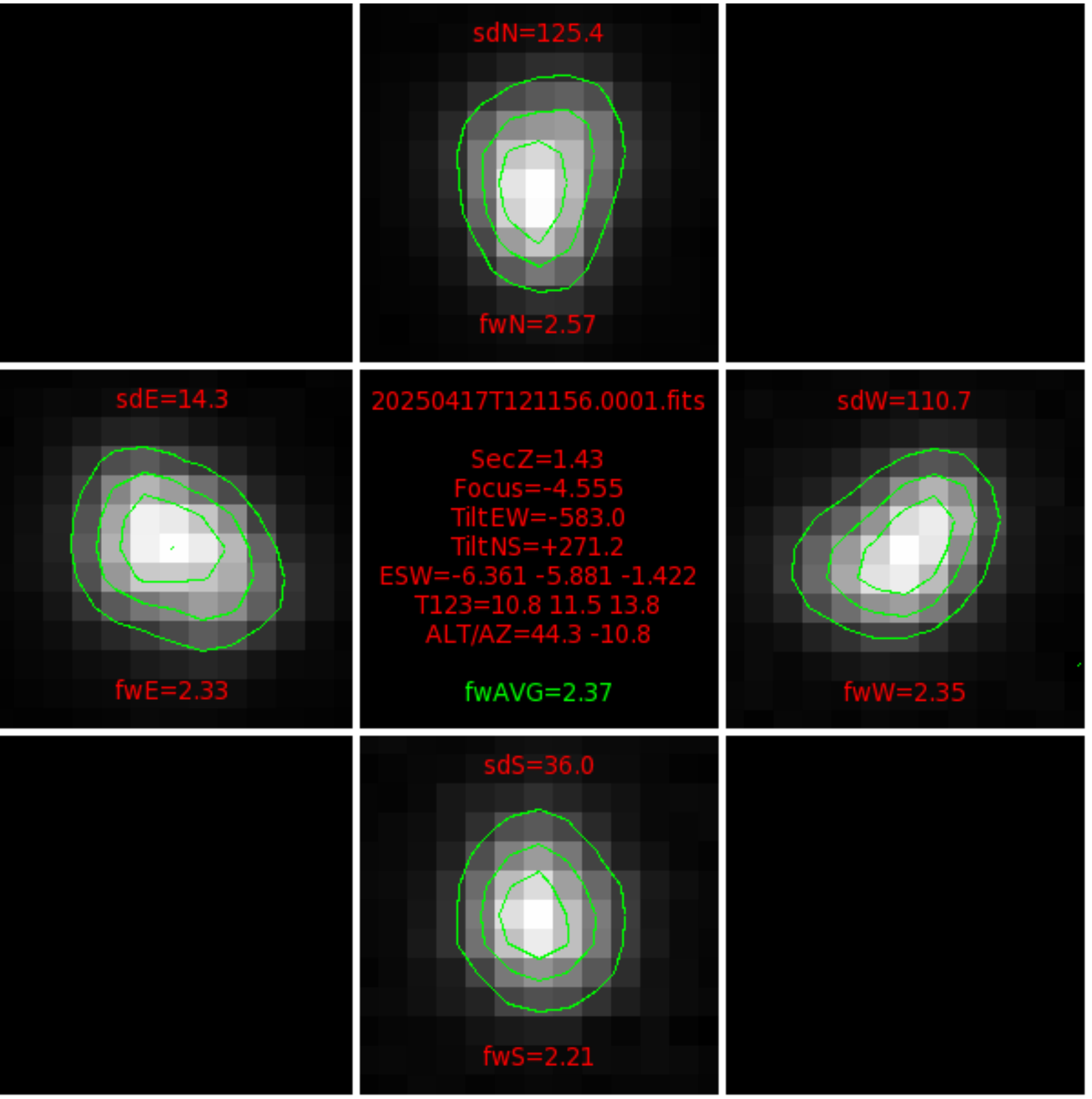
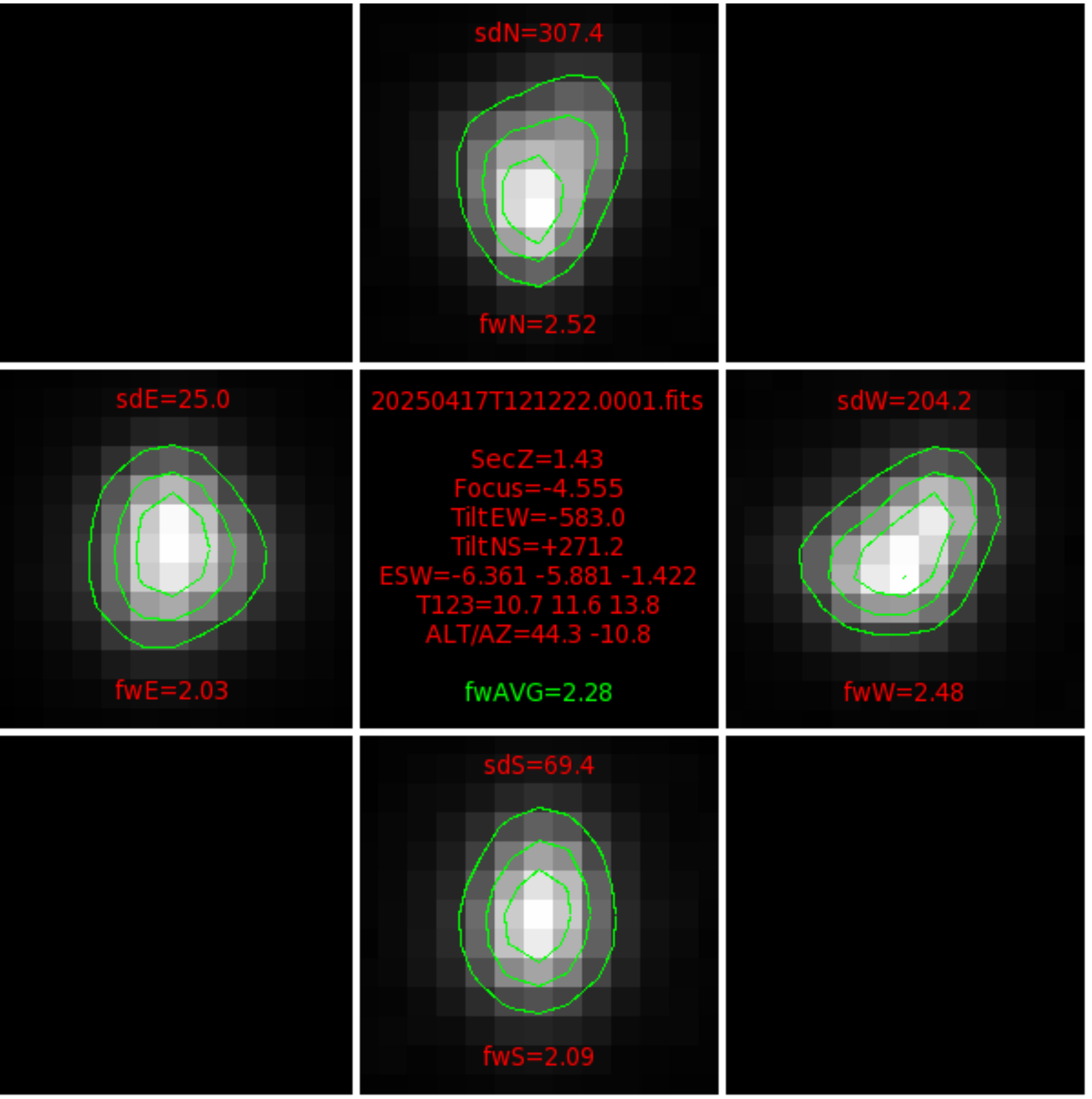
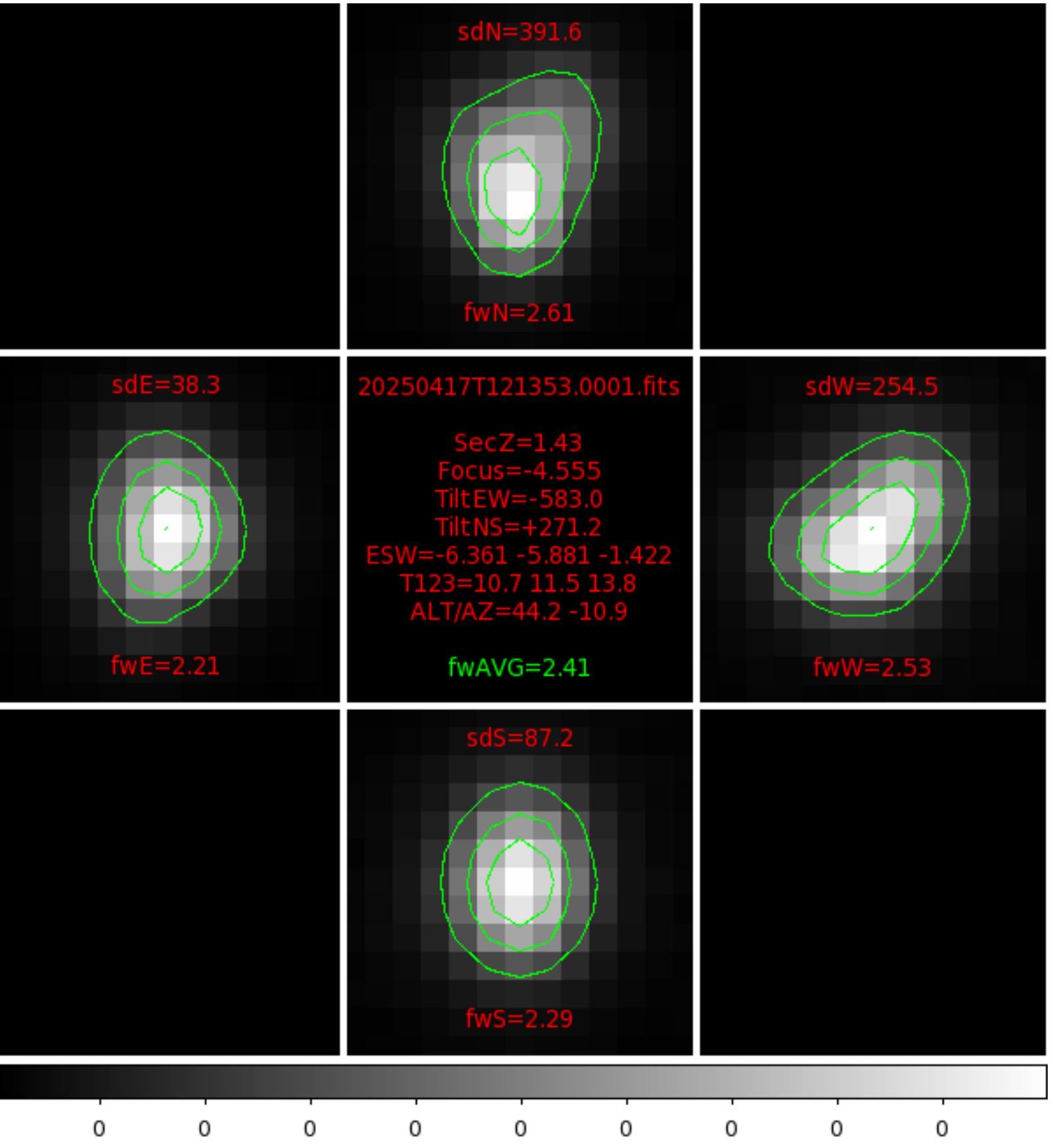

sdN=125.4
fwN=2.57
sdE=14.3
fwE=2.33
20250417T121156.0001.fits
SecZ=1.43
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.8 11.5 13.8
ALT/AZ=44.3 -10.8
fwAVG=2.37
sdW=110.7
fwW=2.35
sdS=36.0
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=307.4
fwN=2.52
sdE=25.0
fwE=2.03
20250417T121222.0001.fits
SecZ=1.43
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.7 11.6 13.8
ALT/AZ=44.3 -10.8
fwAVG=2.28
sdW=204.2
fwW=2.48
sdS=69.4
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=391.6
fwN=2.61
sdE=38.3
fwE=2.21
20250417T121353.0001.fits
SecZ=1.43
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.7 11.5 13.8
ALT/AZ=44.2 -10.9
fwAVG=2.41
sdW=254.5
fwW=2.53
sdS=87.2
fwS=2.29
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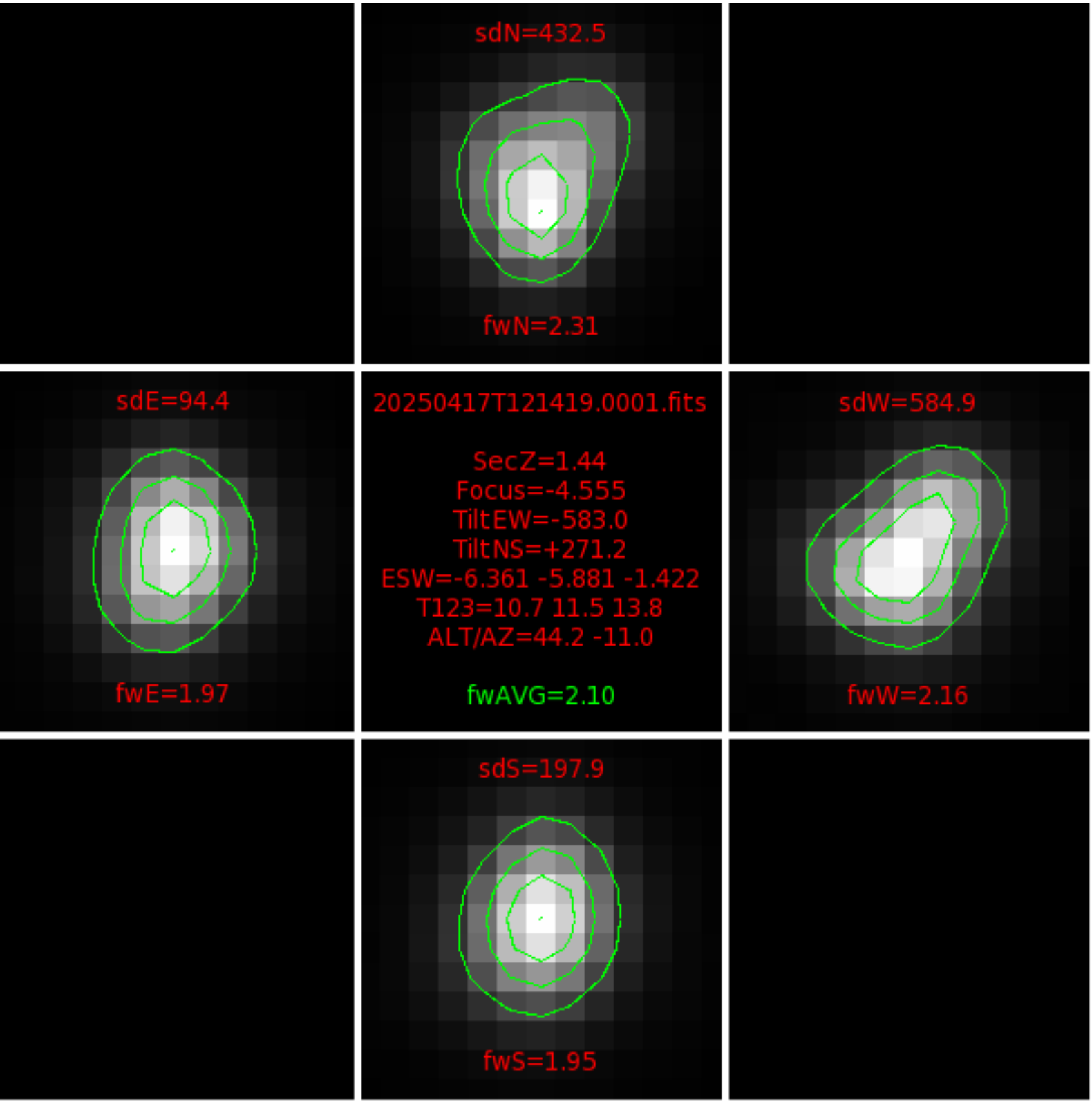
sdN=432.5
fwN=2.31
sdE=94.4
fwE=1.97
20250417T121419.0001.fits
SecZ=1.44
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.7 11.5 13.8
ALT/AZ=44.2 -11.0
fwAVG=2.10
sdW=584.9
fwW=2.16
sdS=197.9
fwS=1.95
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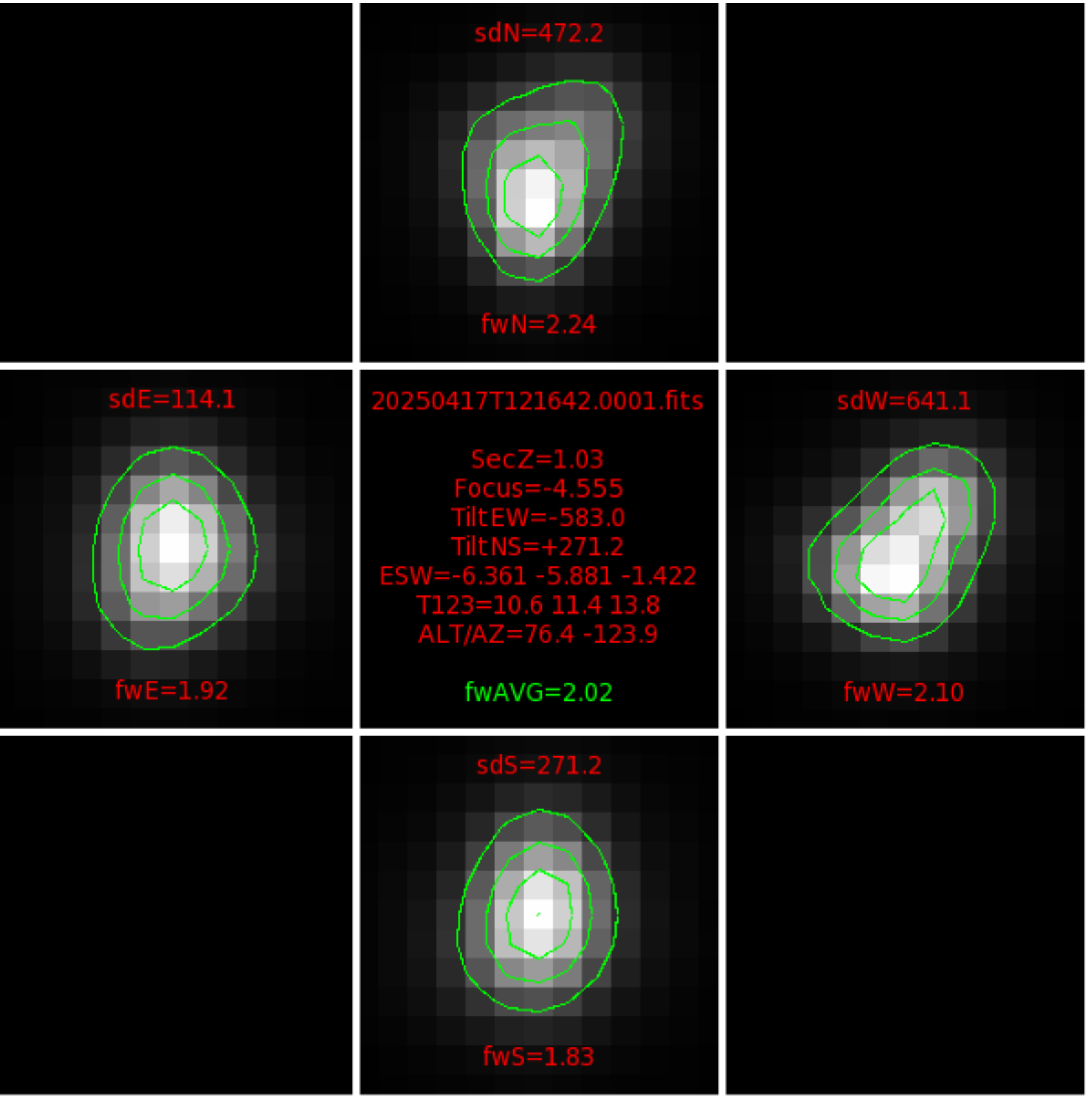
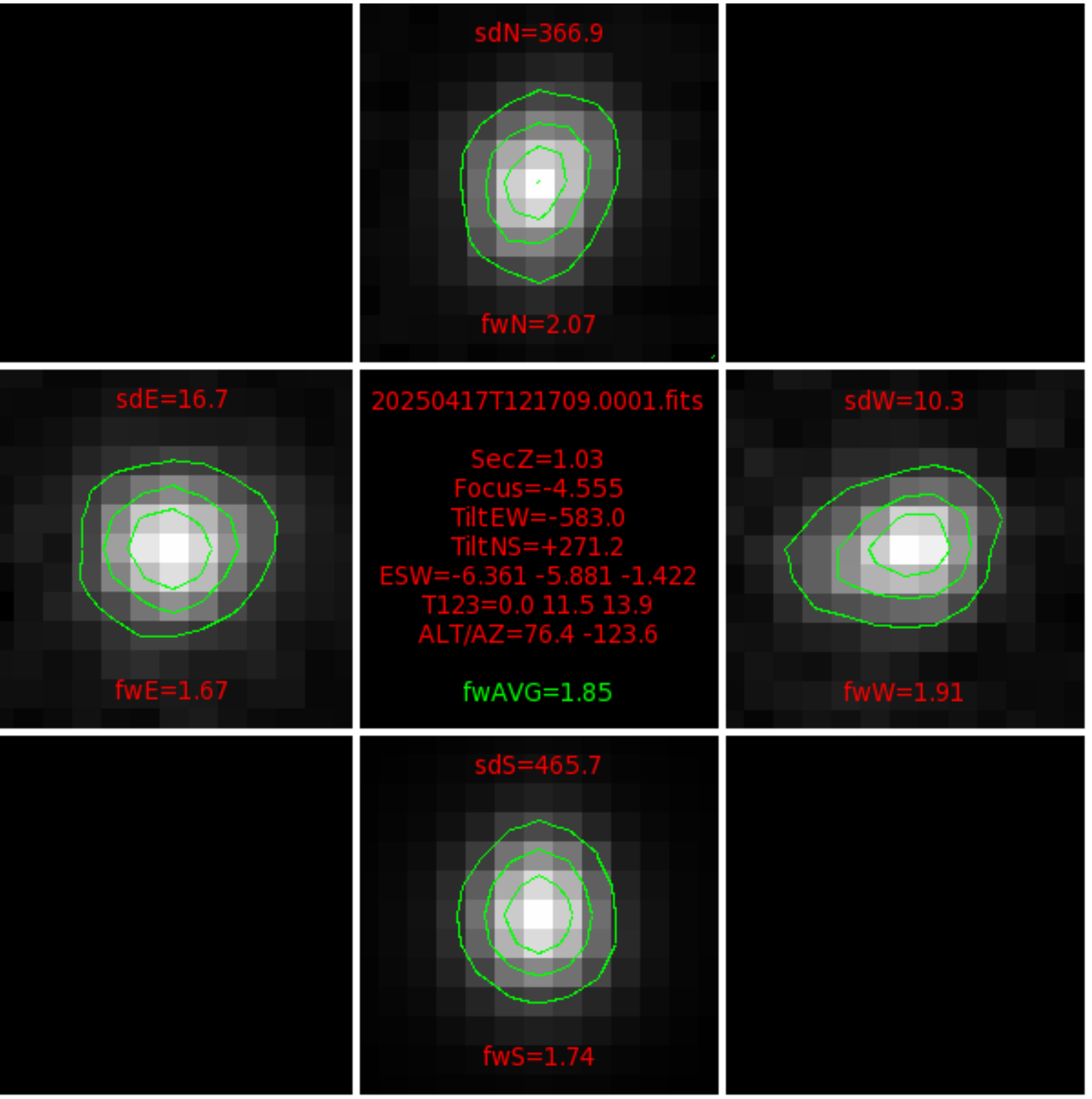

sdN=472.2
fwN=2.24
sdE=114.1
fwE=1.92
20250417T121642.0001.fits
SecZ=1.03
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.6 11.4 13.8
ALT/AZ=76.4 -123.9
fwAVG=2.02
sdW=641.1
fwW=2.10
sdS=271.2
fwS=1.83
0 0 0 0 0 0 0 0 0


sdN=366.9
fwN=2.07
sdE=16.7
fwE=1.67
20250417T121709.0001.fits
SecZ=1.03
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=0.0 11.5 13.9
ALT/AZ=76.4 -123.6
fwAVG=1.85
sdW=10.3
fwW=1.91
sdS=465.7
fwS=1.74
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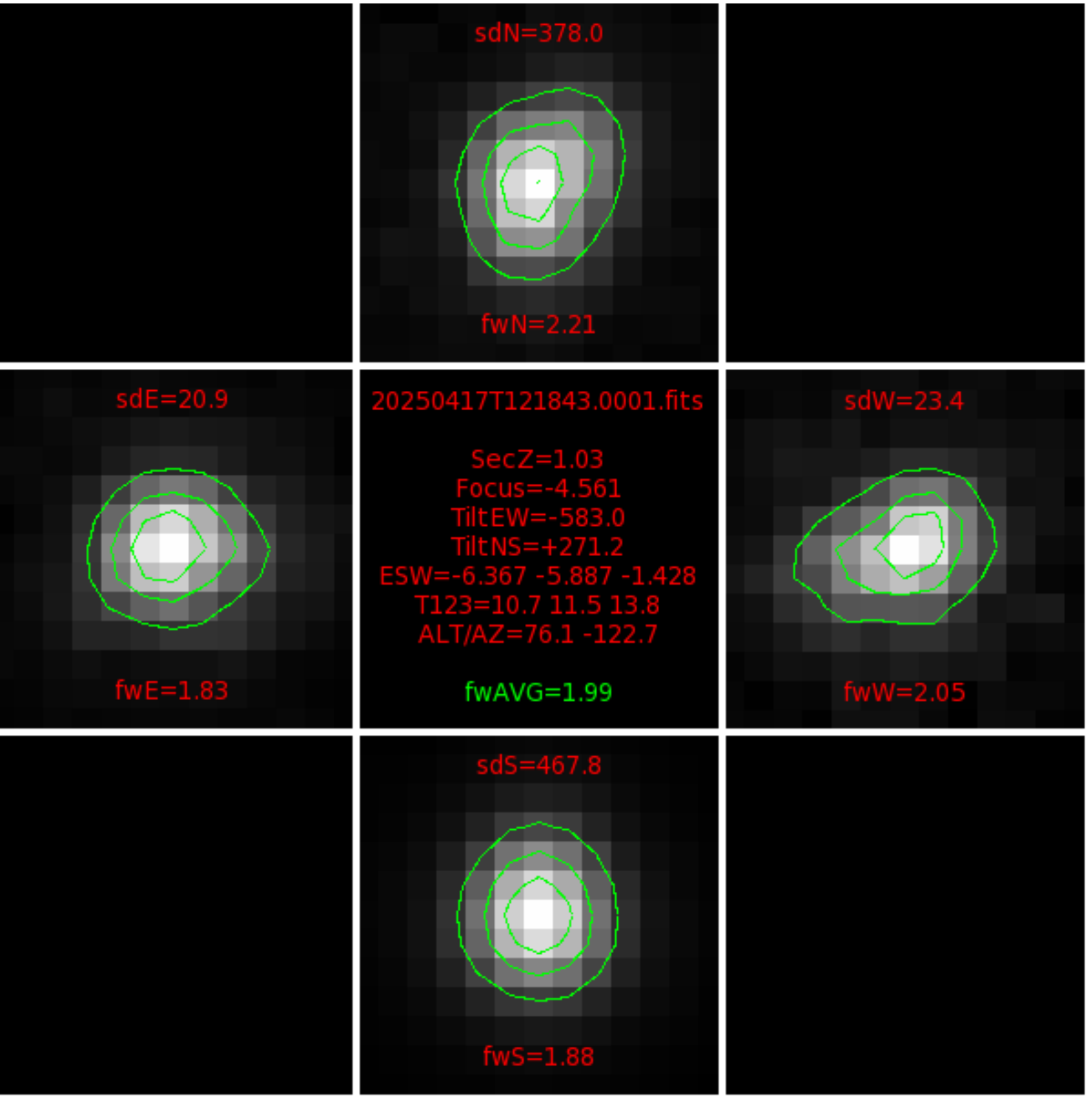
sdN=378.0
fwN=2.21
sdE=20.9
fwE=1.83
20250417T121843.0001.fits
SecZ=1.03
Focus=-4.561
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.367 -5.887 -1.428
T123=10.7 11.5 13.8
ALT/AZ=76.1 -122.7
fwAVG=1.99
sdW=23.4
fwW=2.05
sdS=467.8
fwS=1.88
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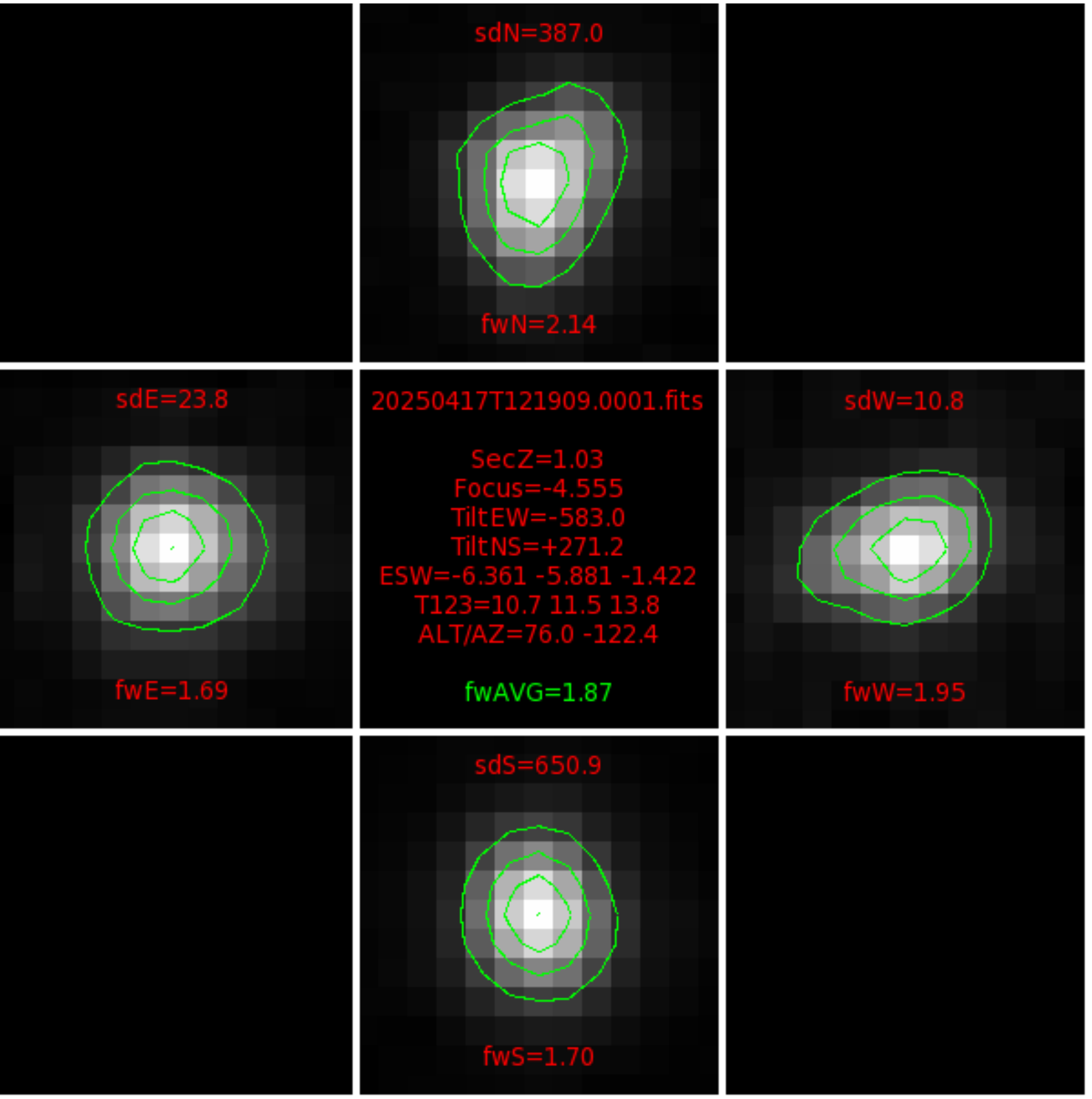
sdN=387.0
fwN=2.14
sdE=23.8
fwE=1.69
20250417T121909.0001.fits
SecZ=1.03
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.7 11.5 13.8
ALT/AZ=76.0 -122.4
fwAVG=1.87
sdW=10.8
fwW=1.95
sdS=650.9
fwS=1.70
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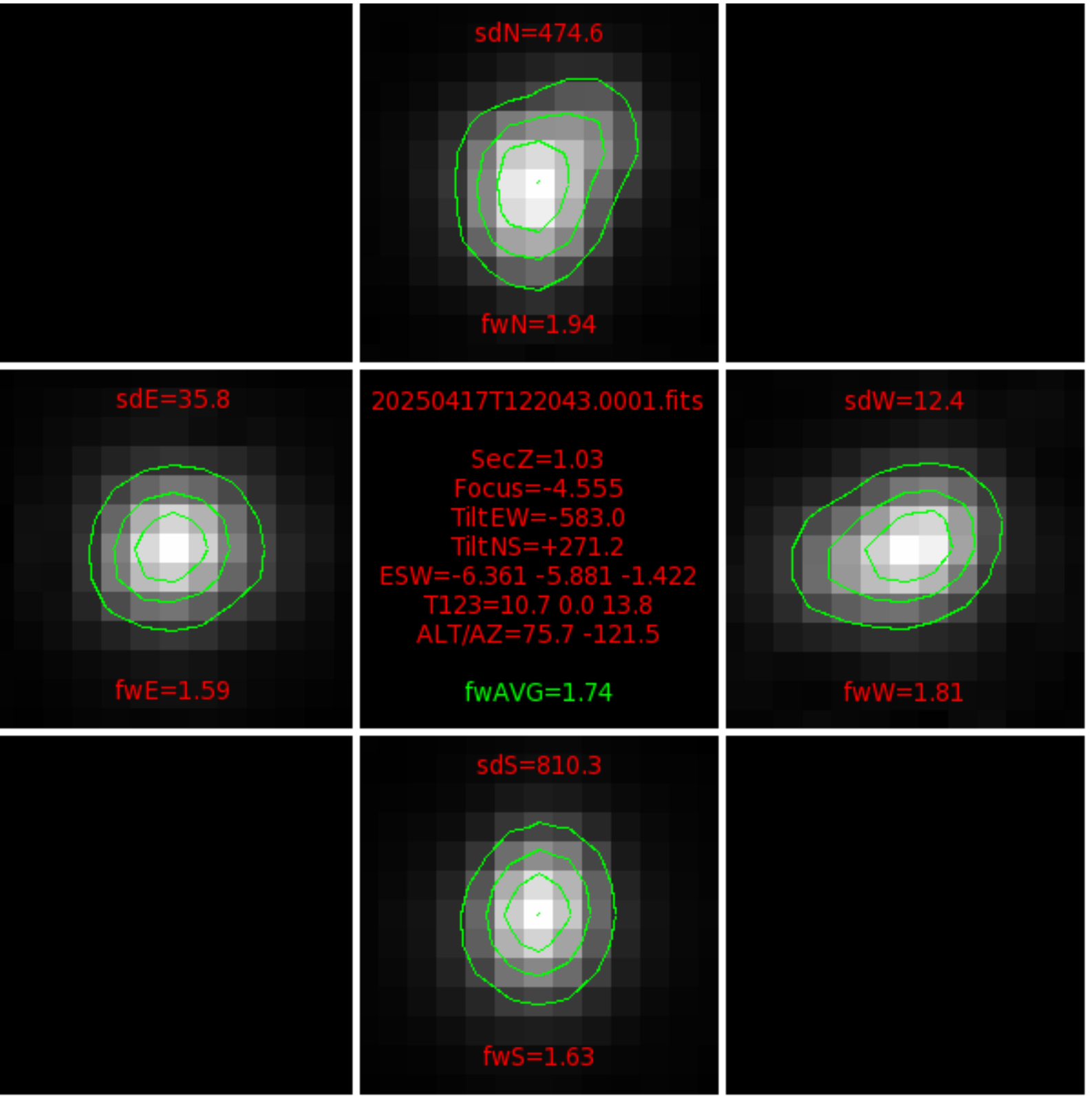
sdN=474.6
fwN=1.94
sdE=35.8
fwE=1.59
20250417T122043.0001.fits
SecZ=1.03
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.7 0.0 13.8
ALT/AZ=75.7 -121.5
fwAVG=1.74
sdW=12.4
fwW=1.81
sdS=810.3
fwS=1.63
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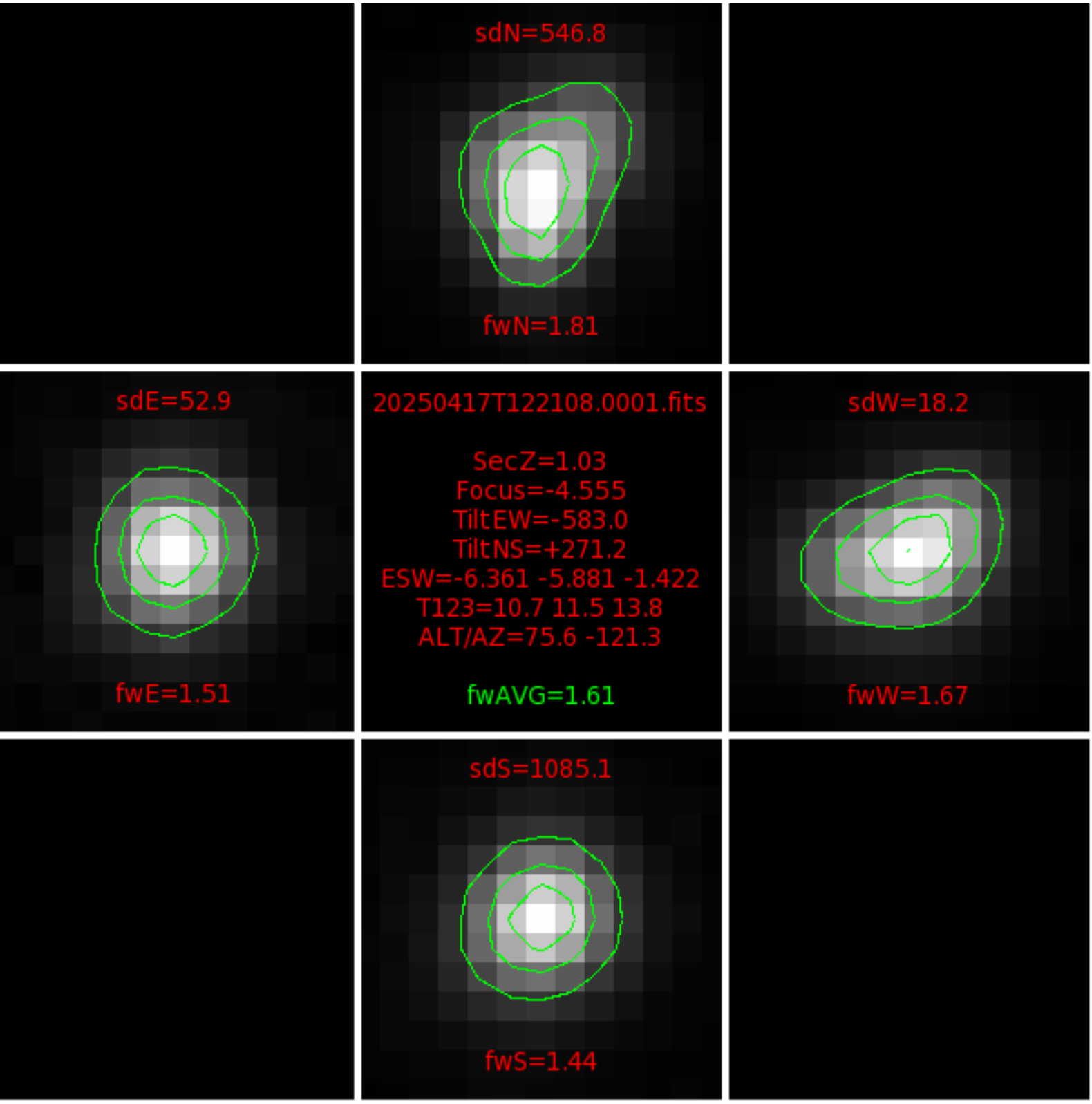
sdN=546.8
fwN=1.81
sdE=52.9
fwE=1.51
20250417T122108.0001.fits
SecZ=1.03
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.7 11.5 13.8
ALT/AZ=75.6 -121.3
fwAVG=1.61
sdW=18.2
fwW=1.67
sdS=1085.1
fwS=1.44
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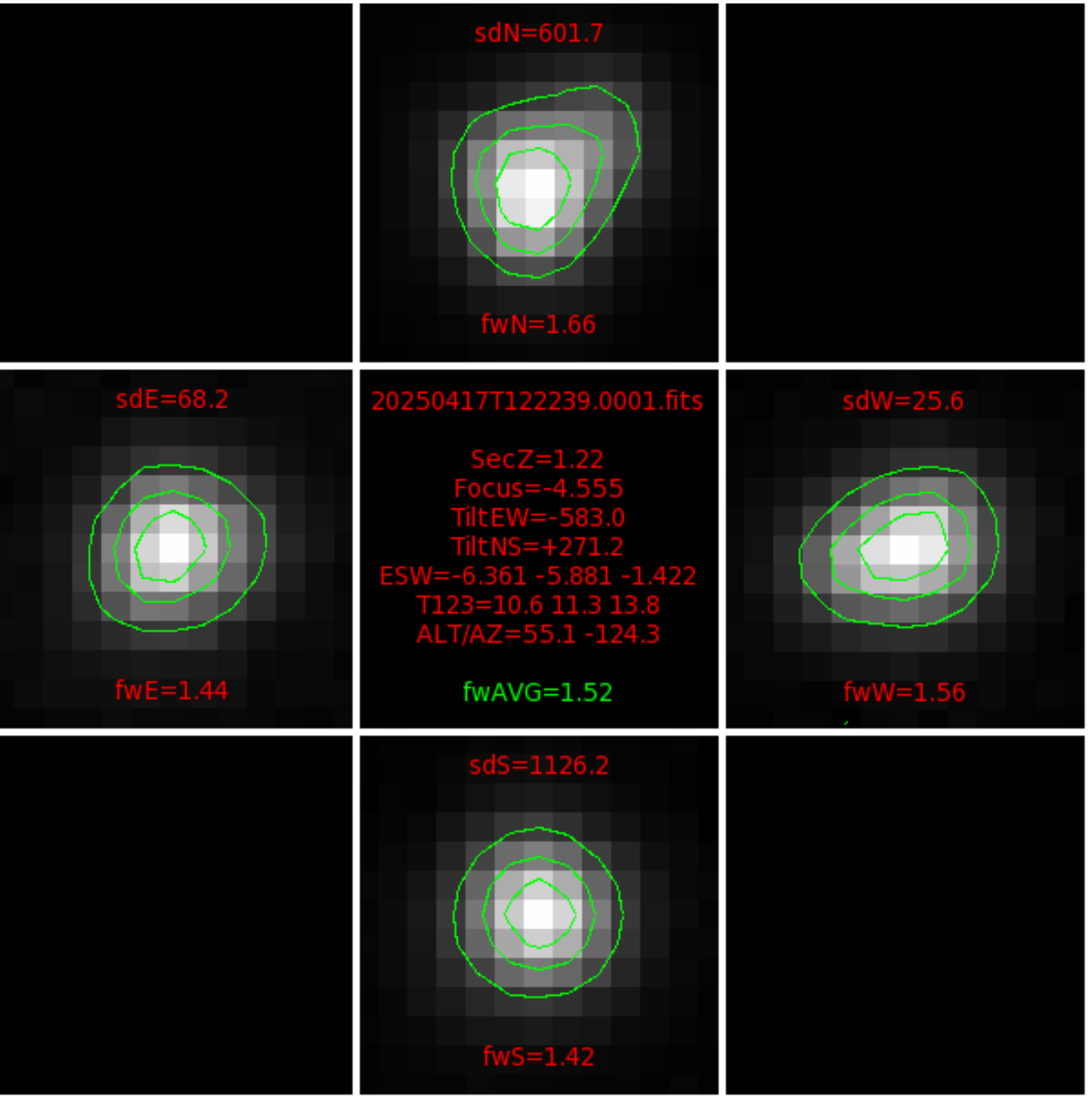
sdN=601.7
fwN=1.66
sdE=68.2
fwE=1.44
20250417T122239.0001.fits
SecZ=1.22
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.6 11.3 13.8
ALT/AZ=55.1 -124.3
fwAVG=1.52
sdW=25.6
fwW=1.56
sdS=1126.2
fwS=1.42
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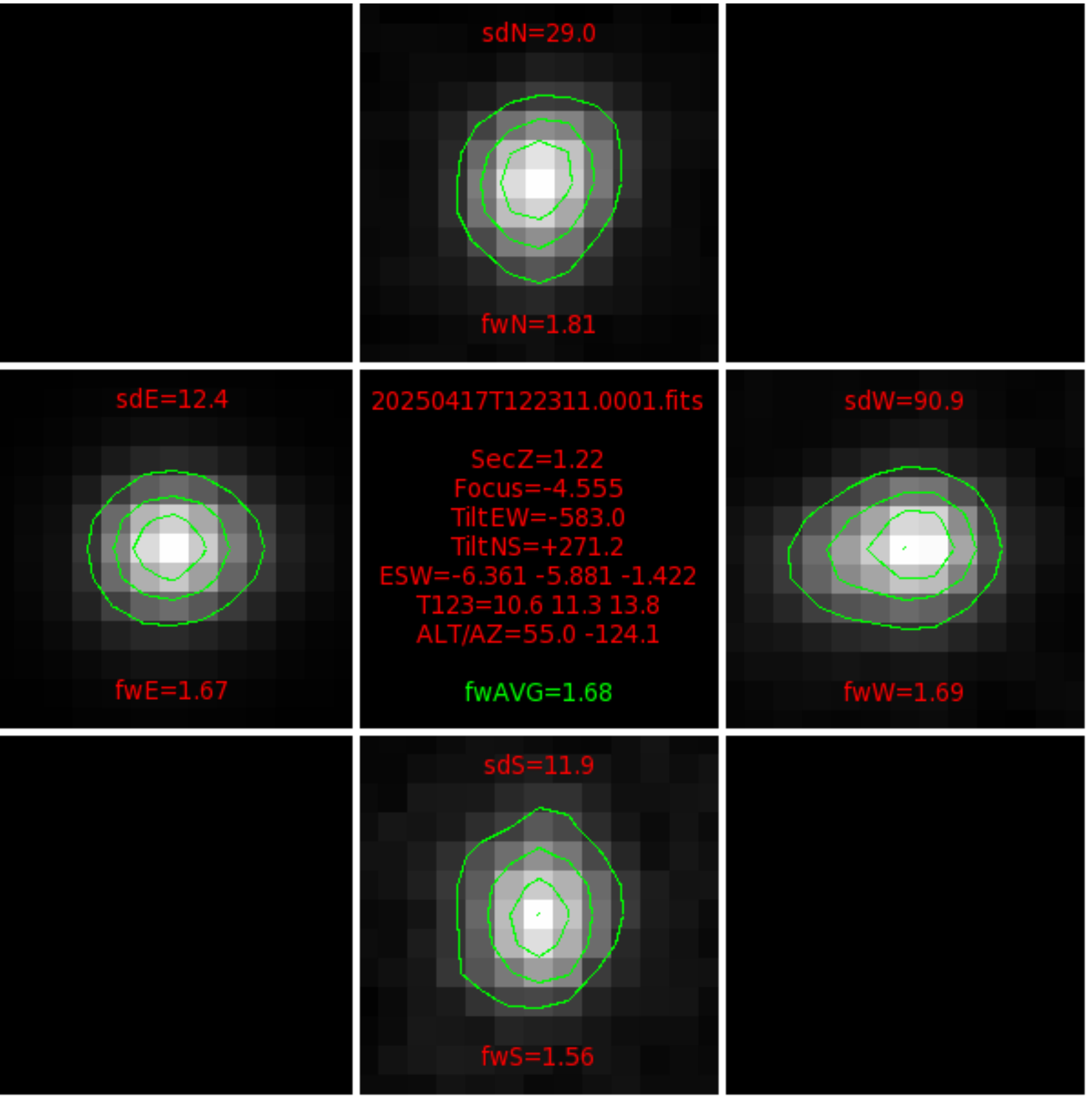
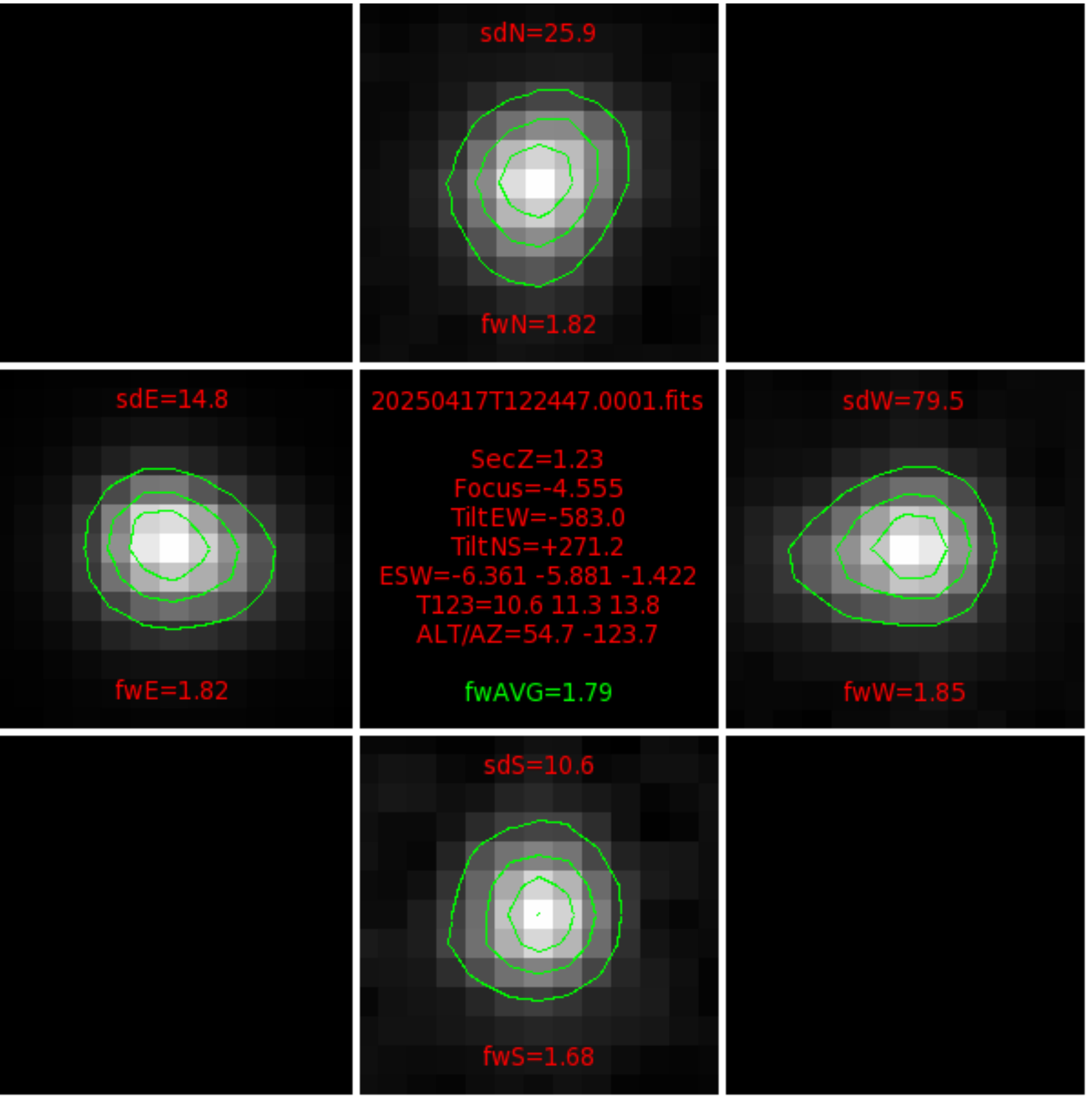

sdN=29.0
fwN=1.81
sdE=12.4
fwE=1.67
20250417T122311.0001.fits
SecZ=1.22
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.6 11.3 13.8
ALT/AZ=55.0 -124.1
fwAVG=1.68
sdW=90.9
fwW=1.69
sdS=11.9
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=25.9
fwN=1.82
sdE=14.8
fwE=1.82
20250417T122447.0001.fits
SecZ=1.23
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.6 11.3 13.8
ALT/AZ=54.7 -123.7
fwAVG=1.79
sdW=79.5
fwW=1.85
sdS=10.6
fwS=1.68
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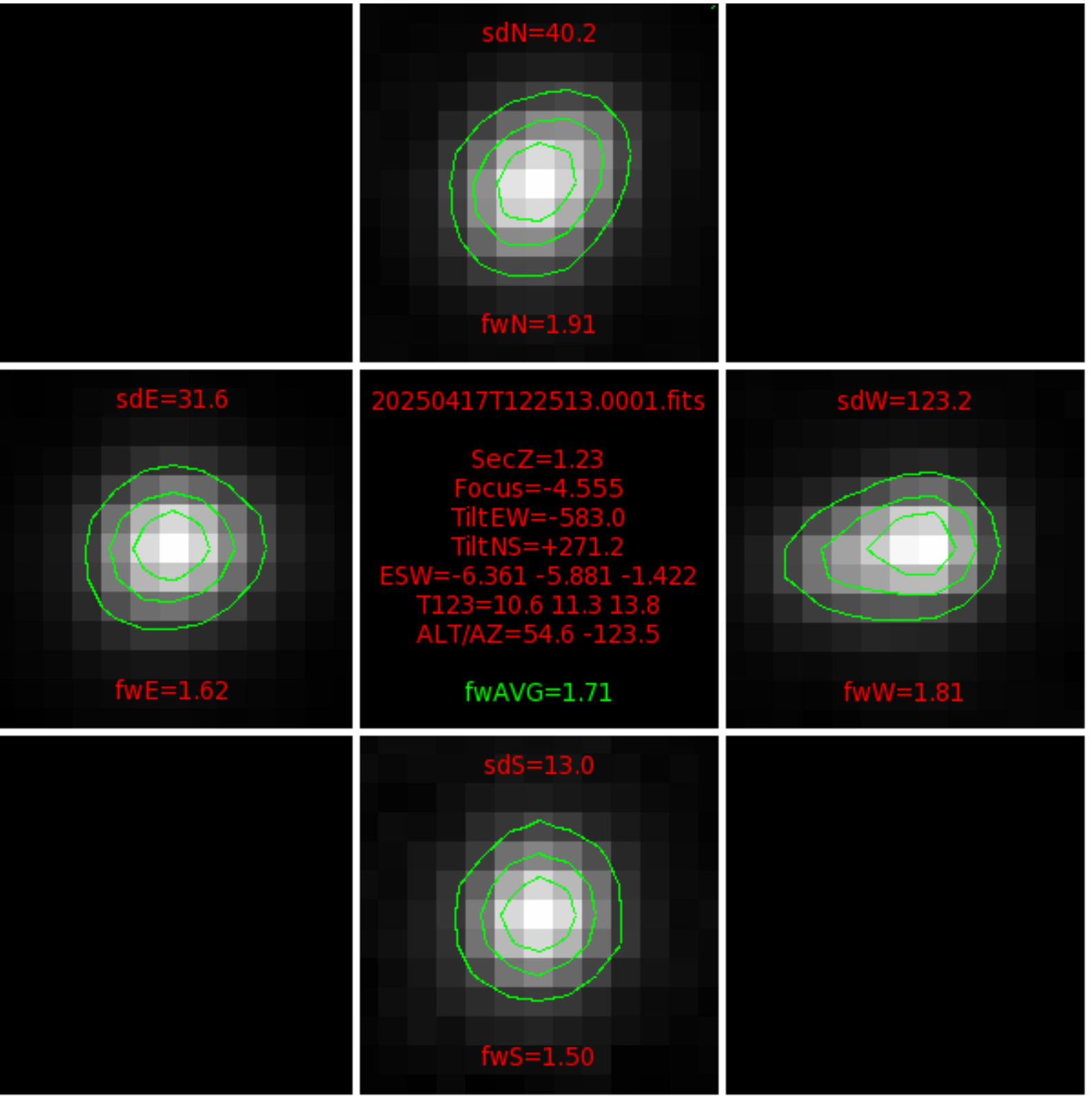
sdN=40.2
fwN=1.91
sdE=31.6
fwE=1.62
20250417T122513.0001.fits
SecZ=1.23
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.6 11.3 13.8
ALT/AZ=54.6 -123.5
fwAVG=1.71
sdW=123.2
fwW=1.81
sdS=13.0
fwS=1.50
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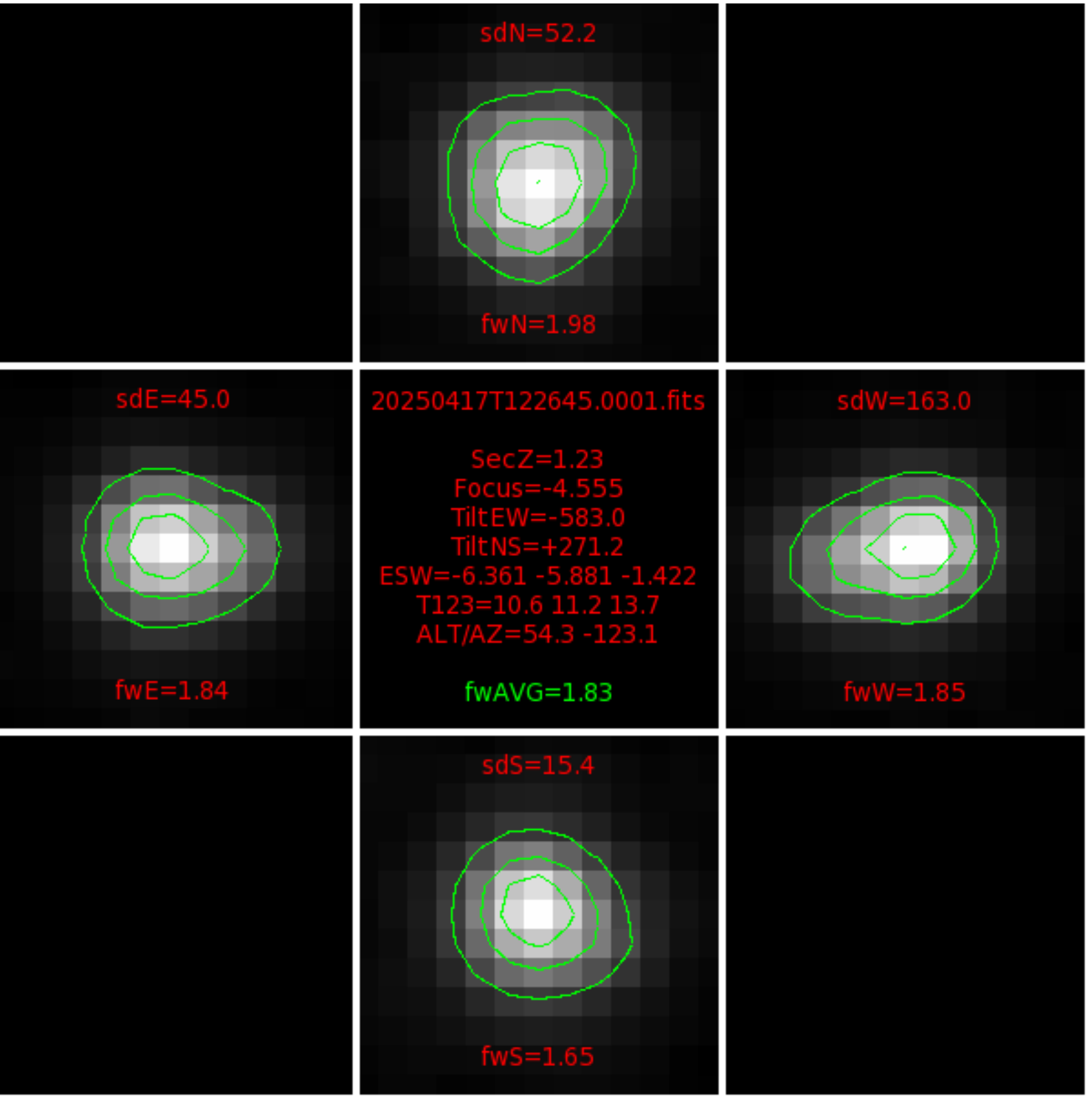
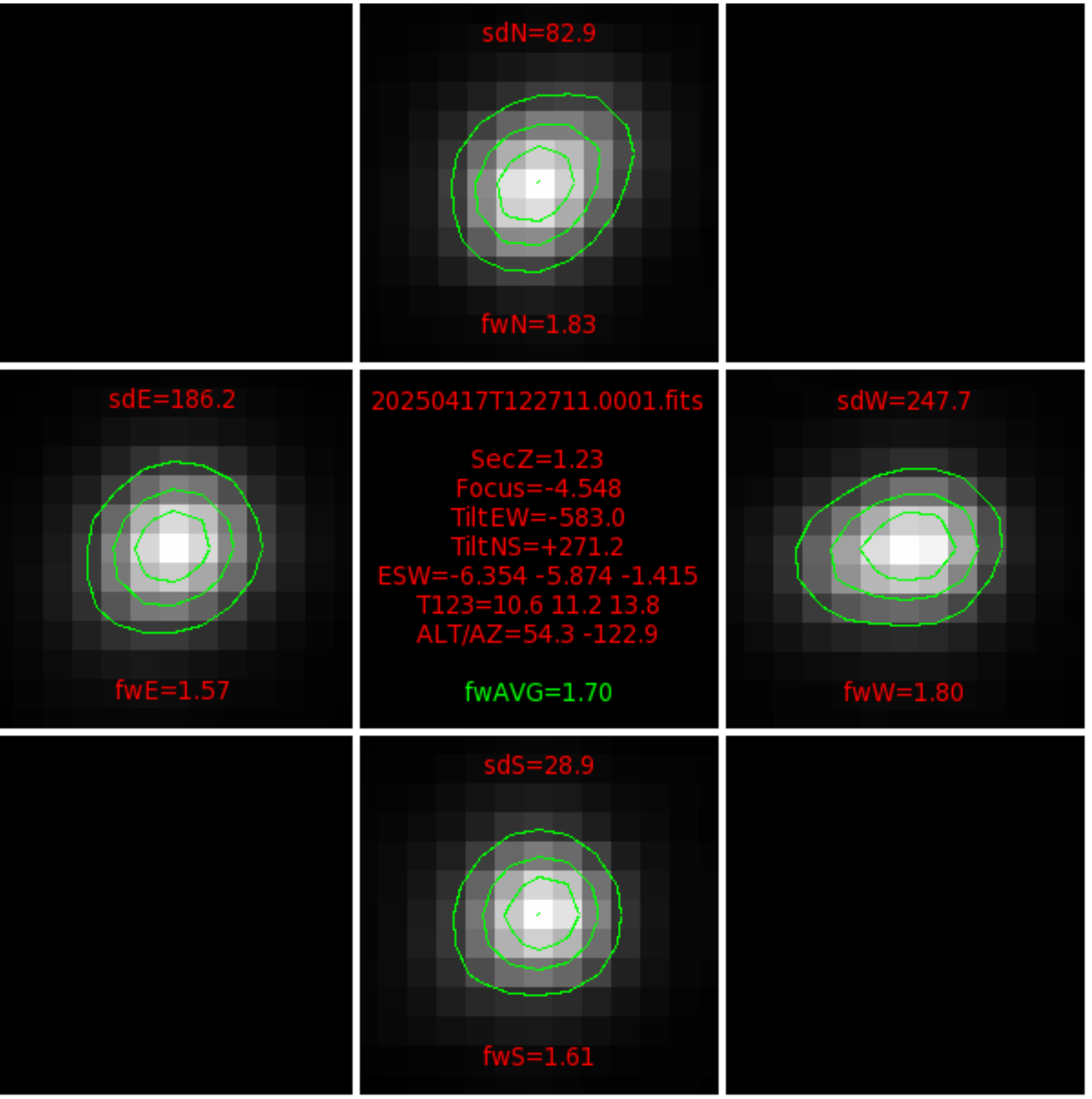

sdN=52.2
fwN=1.98
sdE=45.0
fwE=1.84
20250417T122645.0001.fits
SecZ=1.23
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.6 11.2 13.7
ALT/AZ=54.3 -123.1
fwAVG=1.83
sdW=163.0
fwW=1.85
sdS=15.4
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=82.9
fwN=1.83
sdE=186.2
fwE=1.57
20250417T122711.0001.fits
SecZ=1.23
Focus=-4.548
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.354 -5.874 -1.415
T123=10.6 11.2 13.8
ALT/AZ=54.3 -122.9
fwAVG=1.70
sdW=247.7
fwW=1.80
sdS=28.9
fwS=1.61
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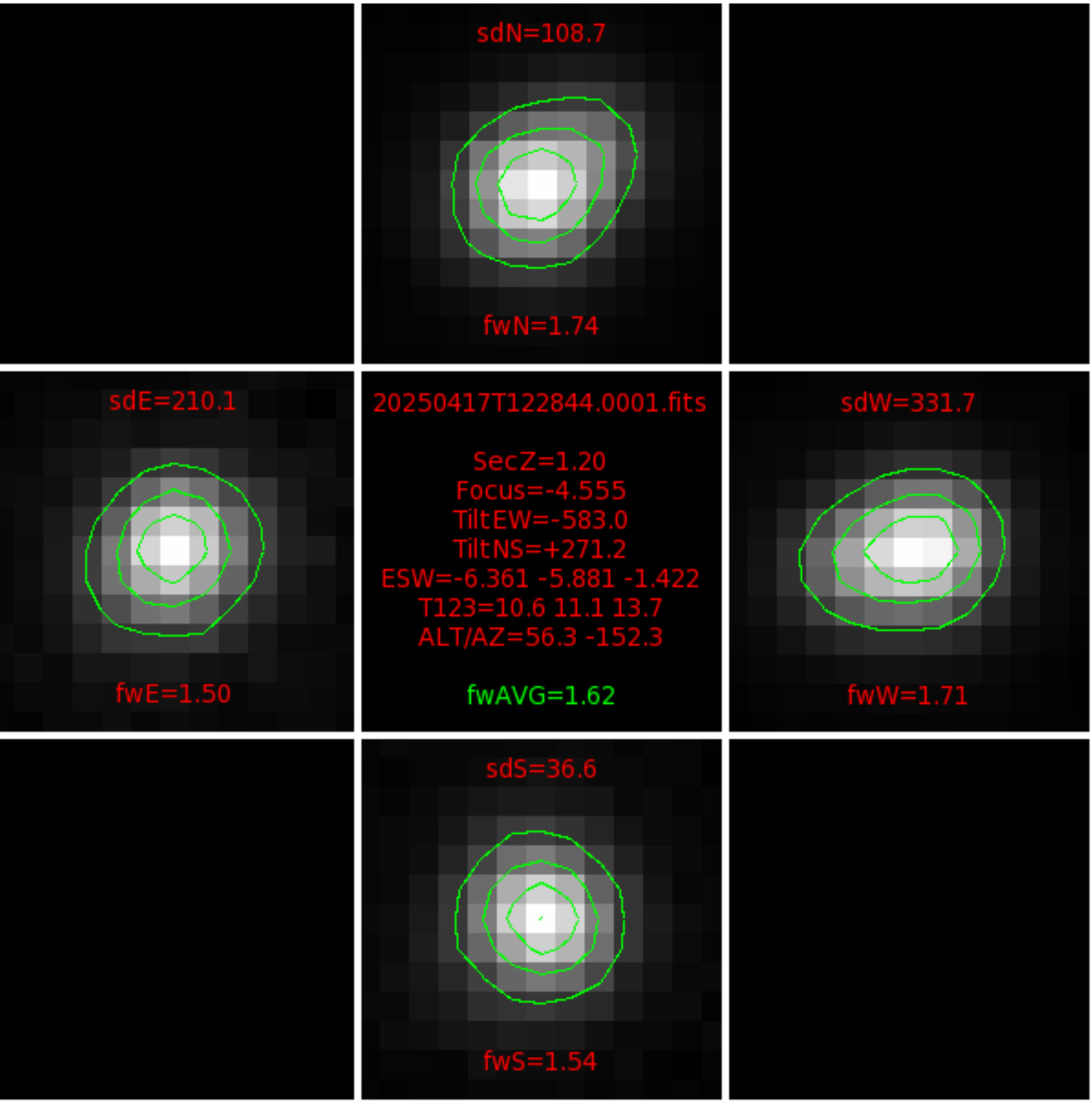
sdN=108.7
fwN=1.74
sdE=210.1
fwE=1.50
20250417T122844.0001.fits
SecZ=1.20
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.6 11.1 13.7
ALT/AZ=56.3 -152.3
fwAVG=1.62
sdW=331.7
fwW=1.71
sdS=36.6
fwS=1.54
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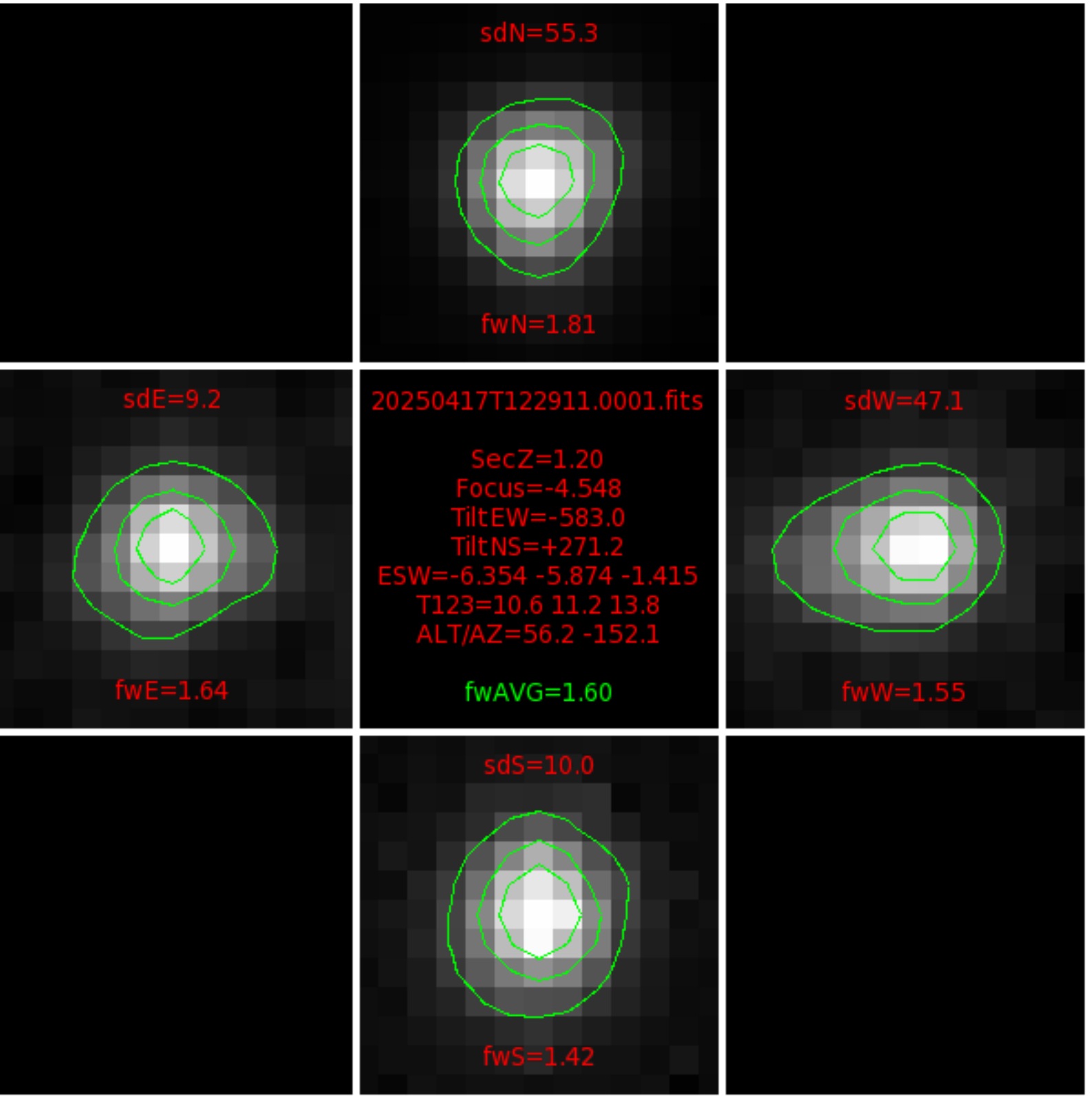
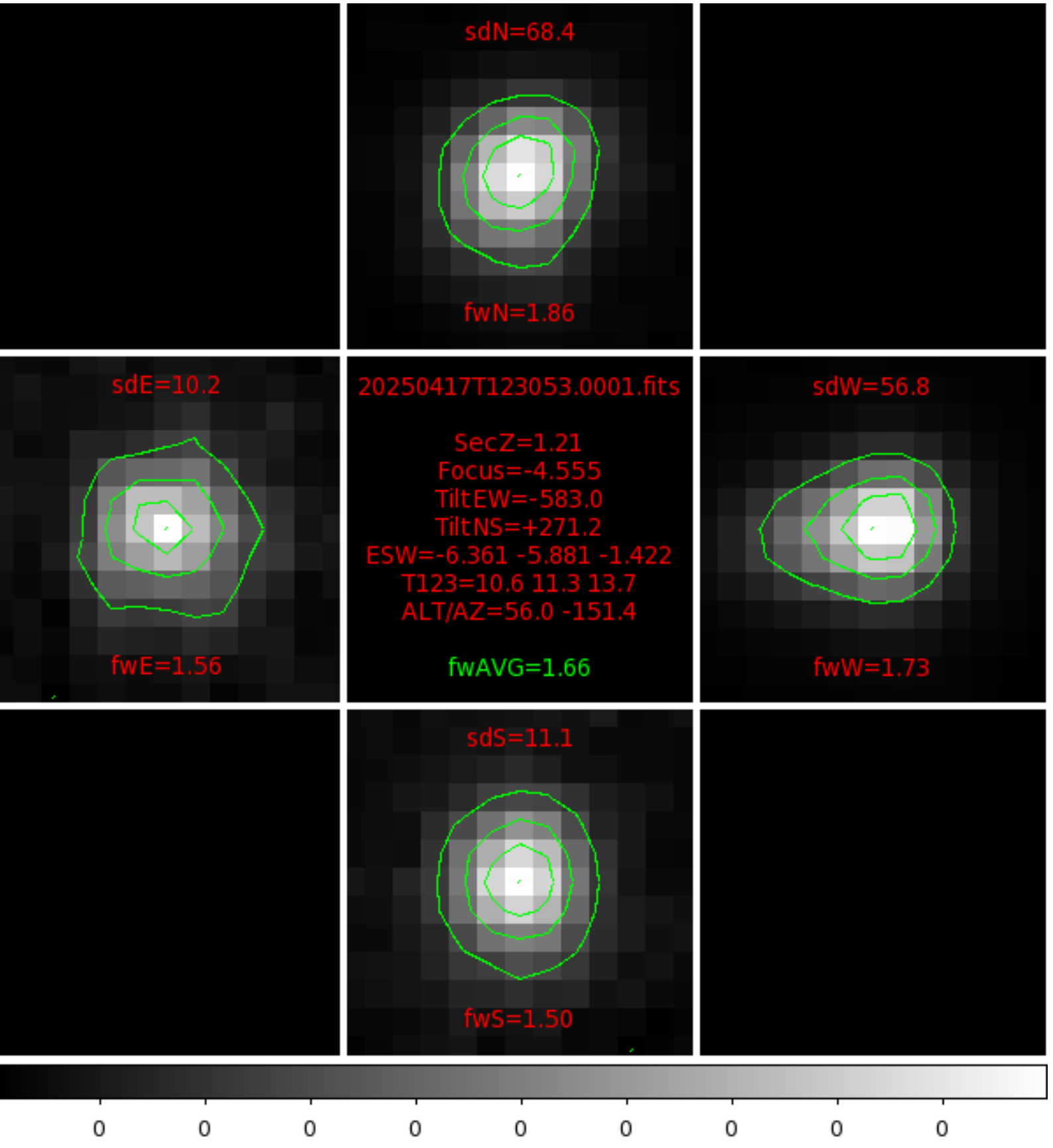
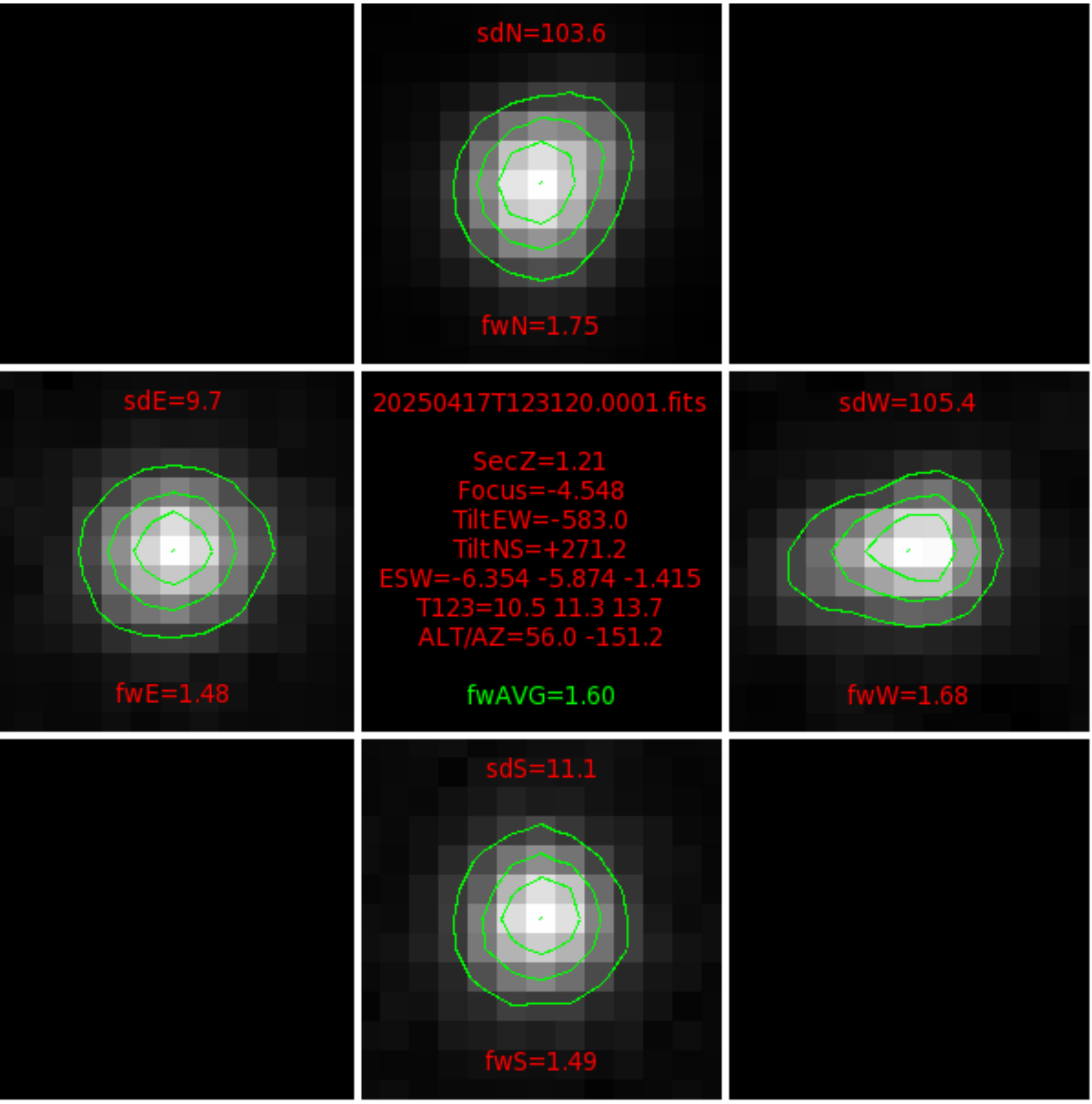
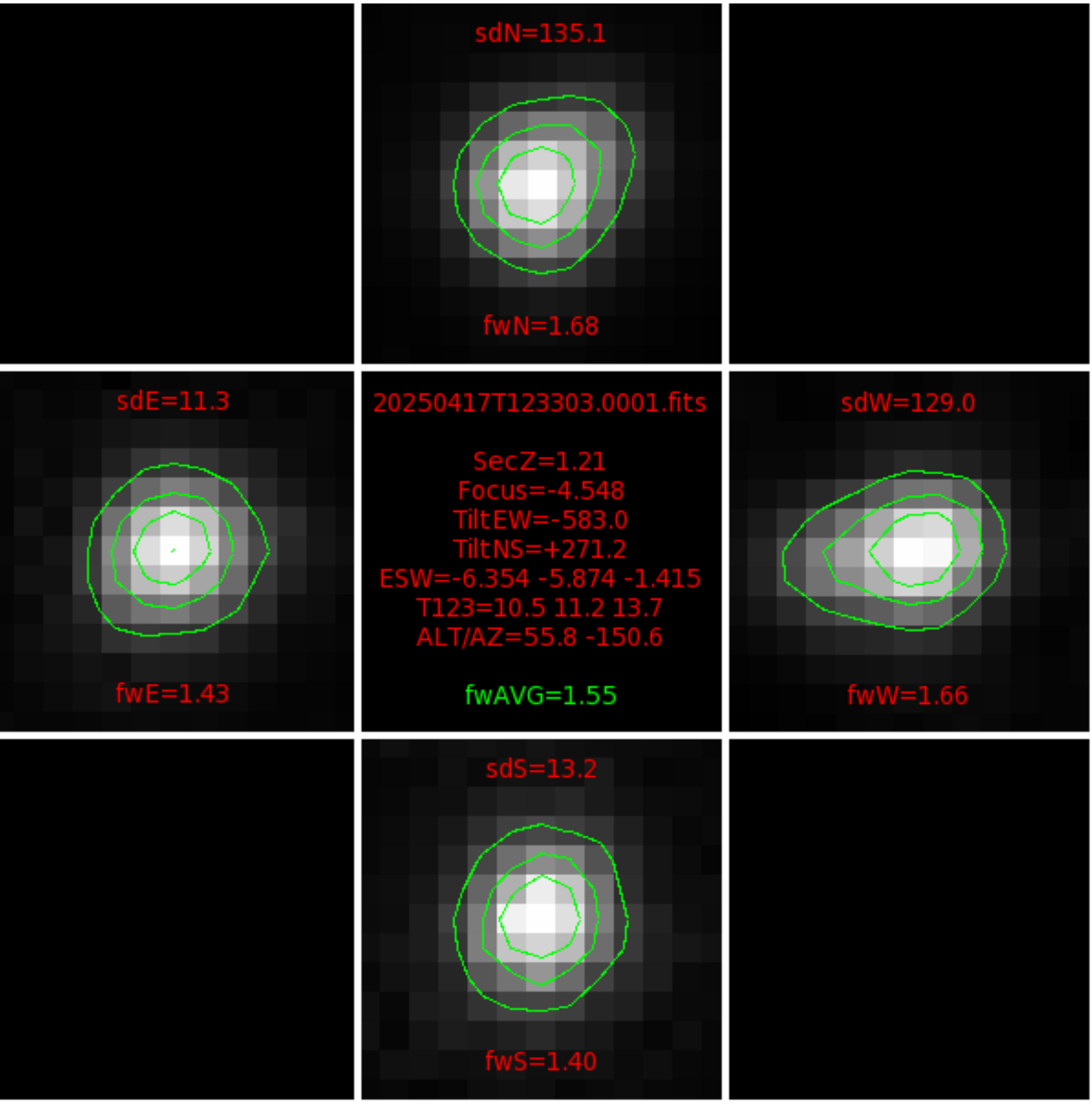
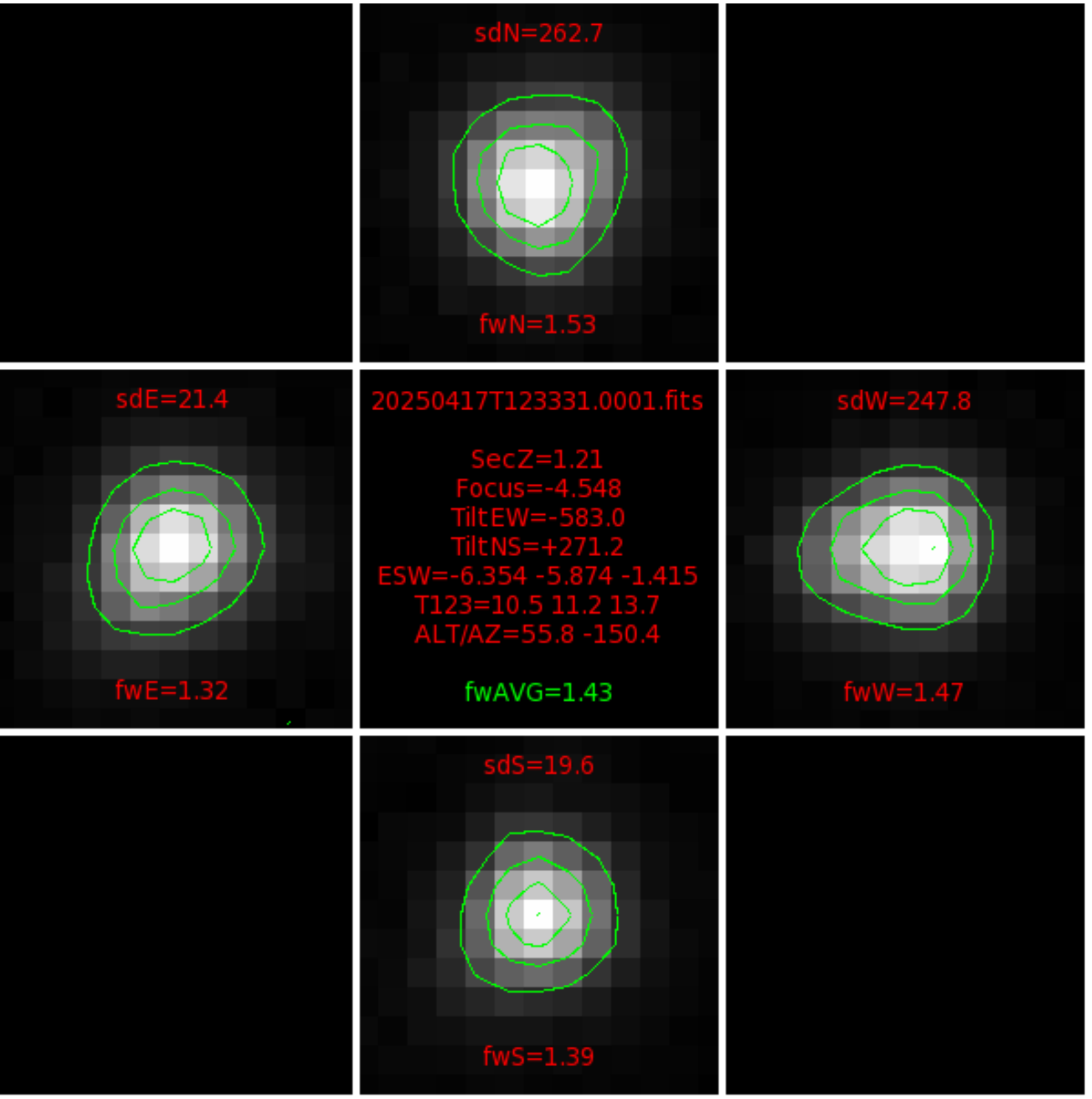
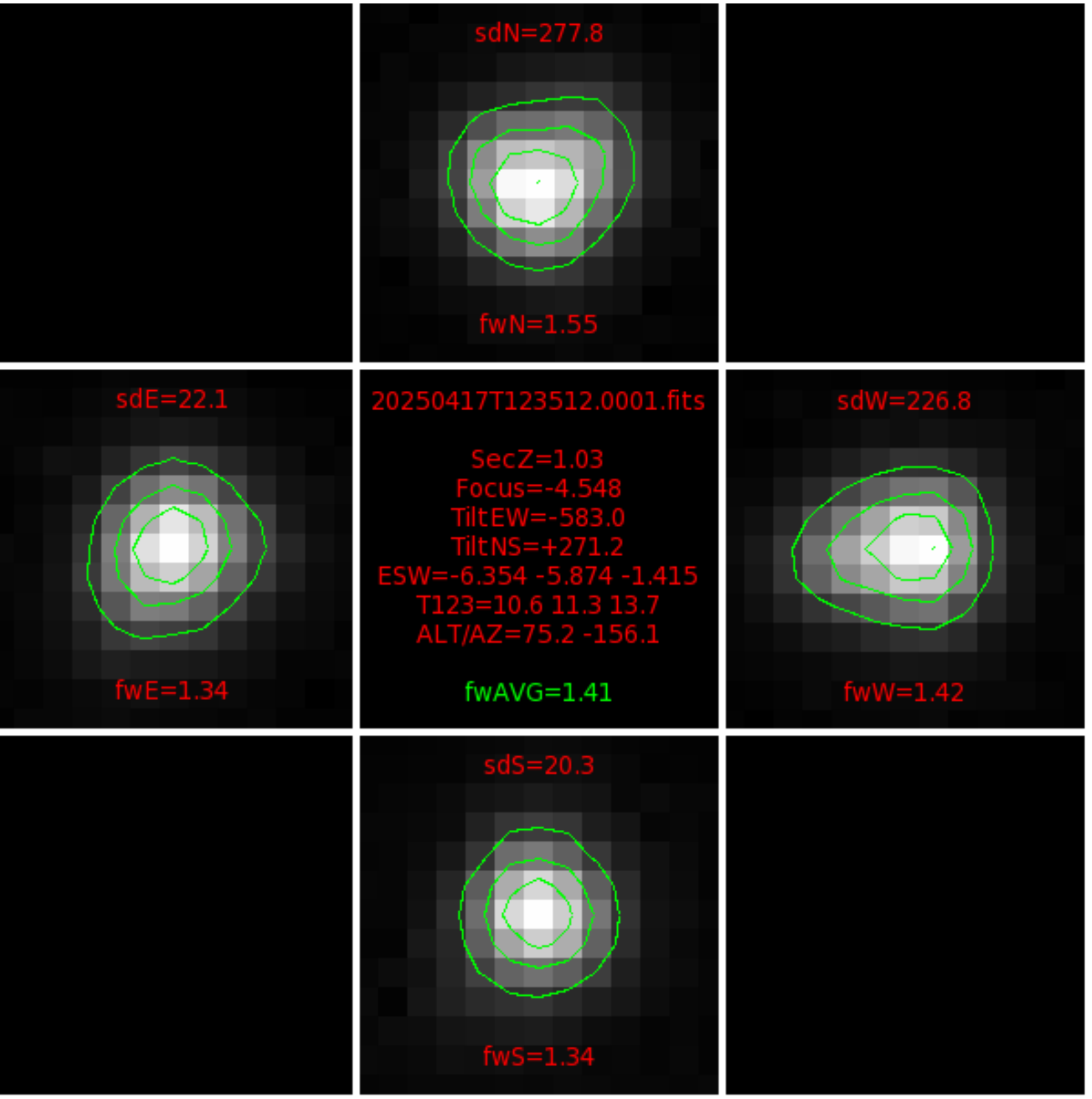

sdN=55.3
fwN=1.81
sdE=9.2
fwE=1.64
20250417T122911.0001.fits
SecZ=1.20
Focus=-4.548
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.354 -5.874 -1.415
T123=10.6 11.2 13.8
ALT/AZ=56.2 -152.1
fwAVG=1.60
sdW=47.1
fwW=1.55
sdS=10.0
fwS=1.42
0 0 0 0 0 0 0 0 0

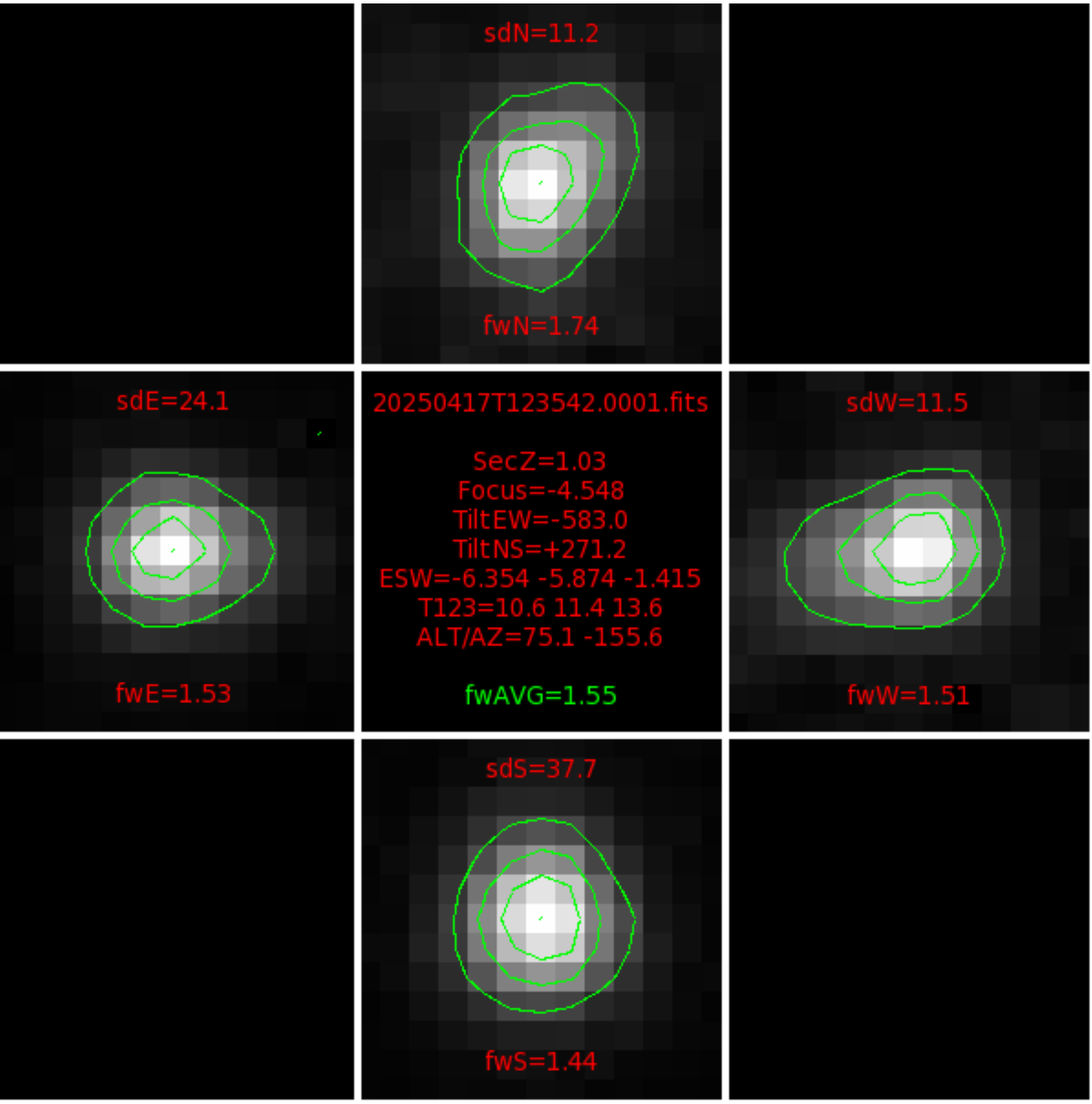

sdN=68.4
fwN=1.86
sdE=10.2
fwE=1.56
20250417T123053.0001.fits
SecZ=1.21
Focus=-4.555
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=10.6 11.3 13.7
ALT/AZ=56.0 -151.4
fwAVG=1.66
sdW=56.8
fwW=1.73
sdS=11.1
fwS=1.50
0 0 0 0 0 0 0 0 0

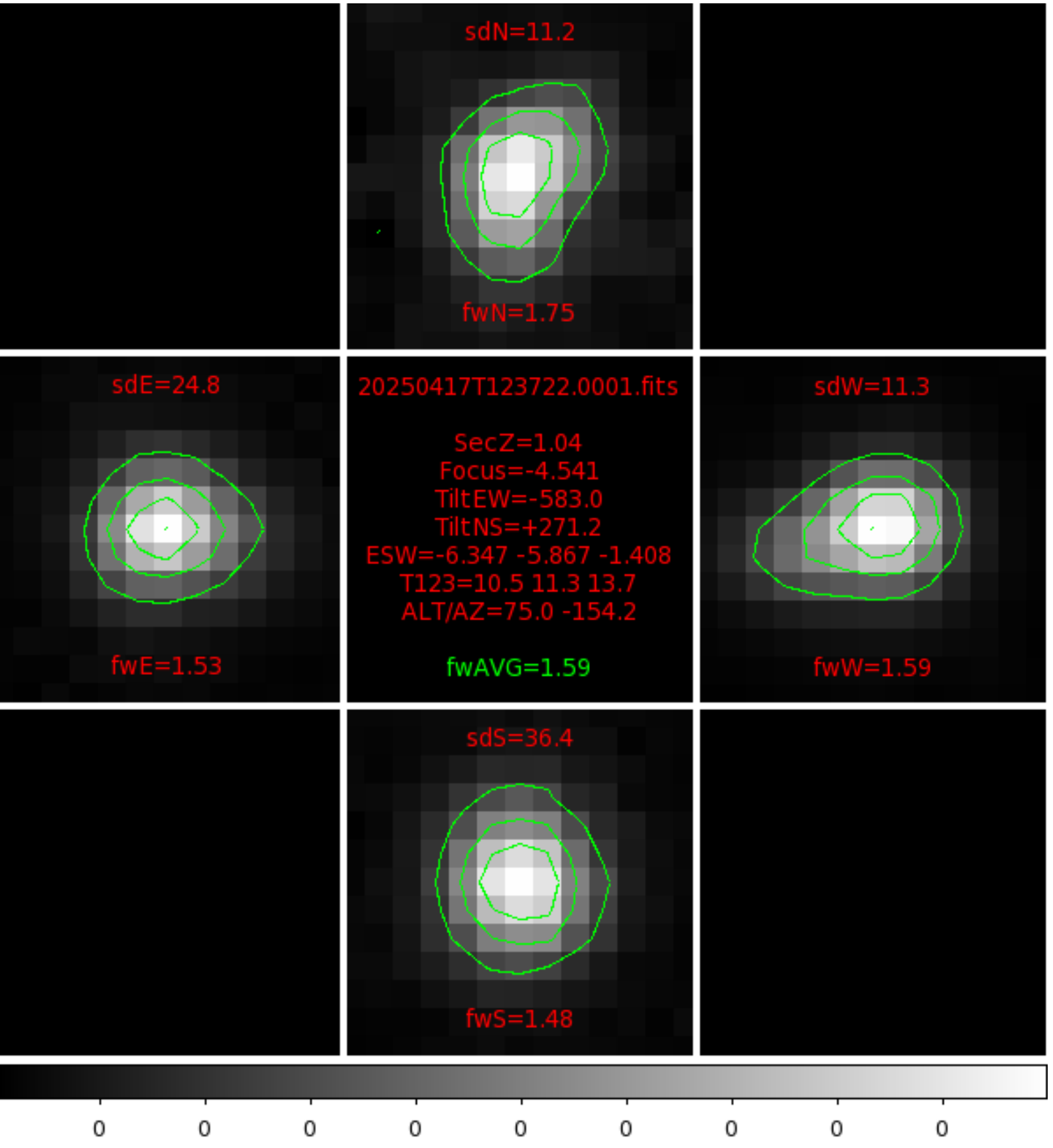

sdN=103.6
fwN=1.75
sdE=9.7
fwE=1.48
20250417T123120.0001.fits
SecZ=1.21
Focus=-4.548
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.354 -5.874 -1.415
T123=10.5 11.3 13.7
ALT/AZ=56.0 -151.2
fwAVG=1.60
sdW=105.4
fwW=1.68
sdS=11.1
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=135.1
fwN=1.68
sdE=11.3
fwE=1.43
20250417T123303.0001.fits
SecZ=1.21
Focus=-4.548
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.354 -5.874 -1.415
T123=10.5 11.2 13.7
ALT/AZ=55.8 -150.6
fwAVG=1.55
sdW=129.0
fwW=1.66
sdS=13.2
fwS=1.40
0 0 0 0 0 0 0 0 0


sdN=262.7
fwN=1.53
sdE=21.4
fwE=1.32
20250417T123331.0001.fits
SecZ=1.21
Focus=-4.548
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.354 -5.874 -1.415
T123=10.5 11.2 13.7
ALT/AZ=55.8 -150.4
fwAVG=1.43
sdW=247.8
fwW=1.47
sdS=19.6
fwS=1.39
0 0 0 0 0 0 0 0 0


sdN=277.8
fwN=1.55
sdE=22.1
fwE=1.34
20250417T123512.0001.fits
SecZ=1.03
Focus=-4.548
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.354 -5.874 -1.415
T123=10.6 11.3 13.7
ALT/AZ=75.2 -156.1
fwAVG=1.41
sdW=226.8
fwW=1.42
sdS=20.3
fwS=1.34
0 0 0 0 0 0 0 0 0


sdN=11.2
fwN=1.74
sdE=24.1
fwE=1.53
20250417T123542.0001.fits
SecZ=1.03
Focus=-4.548
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.354 -5.874 -1.415
T123=10.6 11.4 13.6
ALT/AZ=75.1 -155.6
fwAVG=1.55
sdW=11.5
fwW=1.51
sdS=37.7
fwS=1.44
0 0 0 0 0 0 0 0 0


sdN=11.2
fwN=1.75
sdE=24.8
fwE=1.53
20250417T123722.0001.fits
SecZ=1.04
Focus=-4.541
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.347 -5.867 -1.408
T123=10.5 11.3 13.7
ALT/AZ=75.0 -154.2
fwAVG=1.59
sdW=11.3
fwW=1.59
sdS=36.4
fwS=1.48
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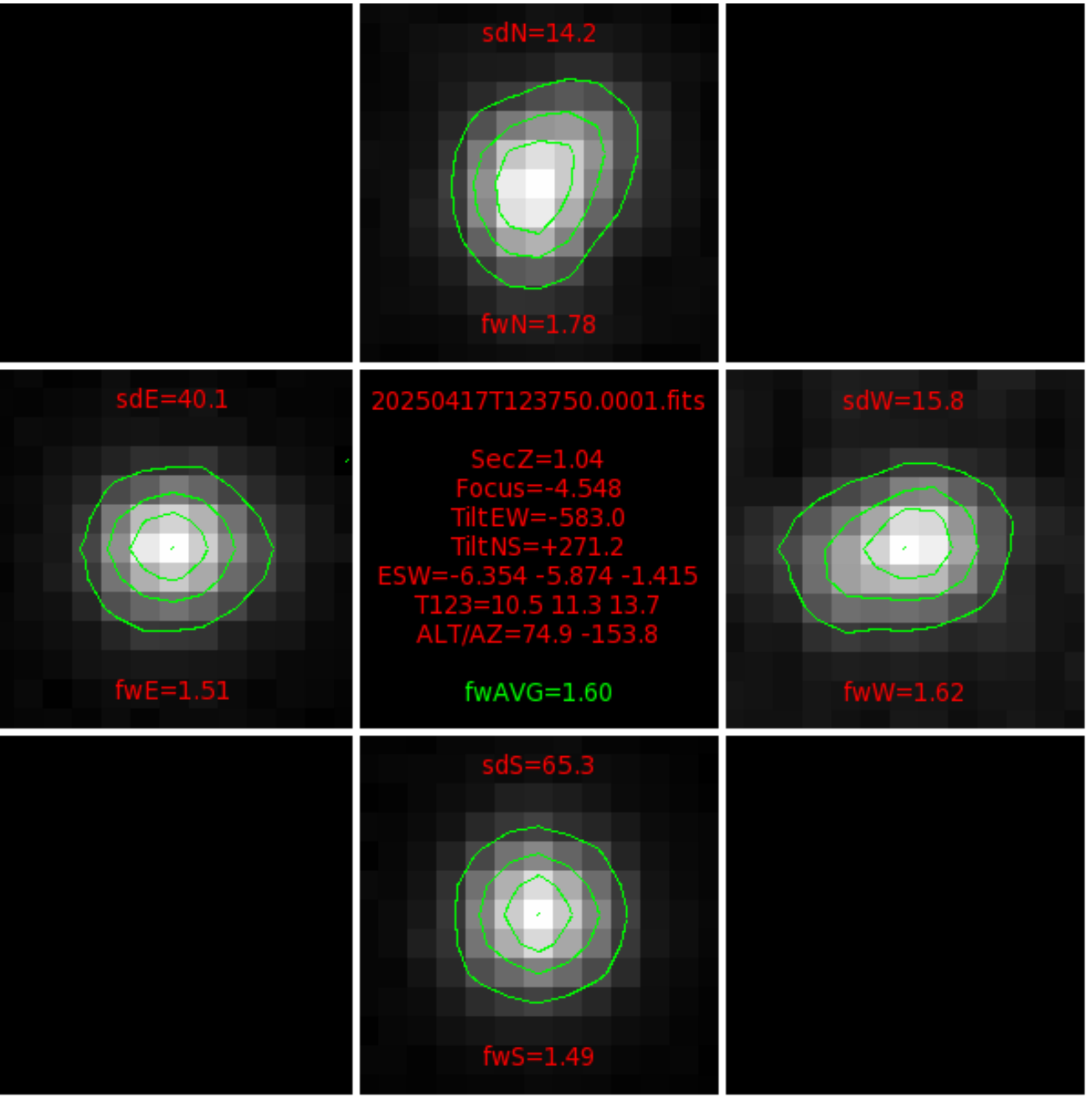
sdN=14.2
fwN=1.78
sdE=40.1
fwE=1.51
20250417T123750.0001.fits
SecZ=1.04
Focus=-4.548
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.354 -5.874 -1.415
T123=10.5 11.3 13.7
ALT/AZ=74.9 -153.8
fwAVG=1.60
sdW=15.8
fwW=1.62
sdS=65.3
fwS=1.49
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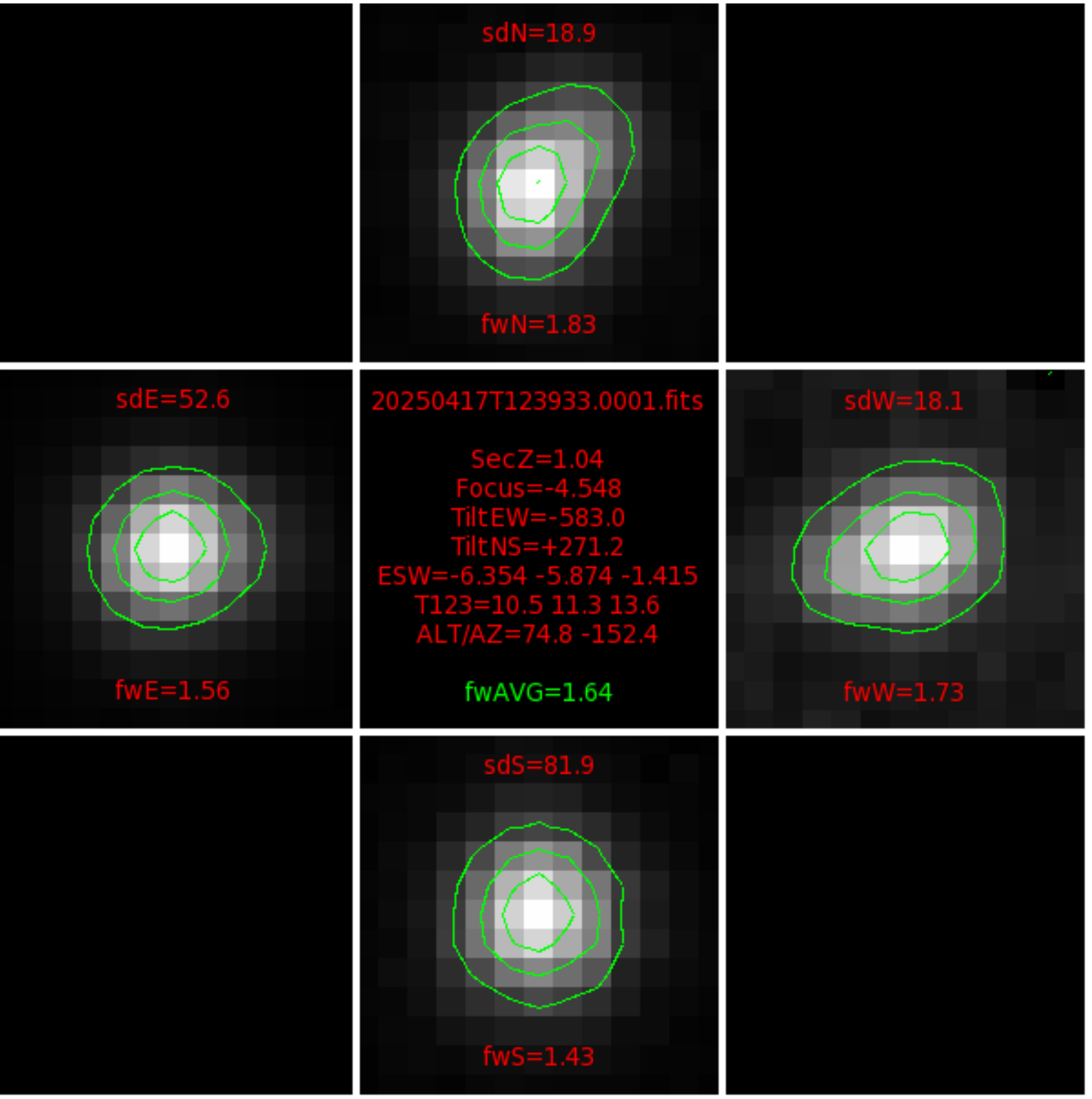
sdN=18.9
fwN=1.83
sdE=52.6
fwE=1.56
20250417T123933.0001.fits
SecZ=1.04
Focus=-4.548
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.354 -5.874 -1.415
T123=10.5 11.3 13.6
ALT/AZ=74.8 -152.4
fwAVG=1.64
sdW=18.1
fwW=1.73
sdS=81.9
fwS=1.43
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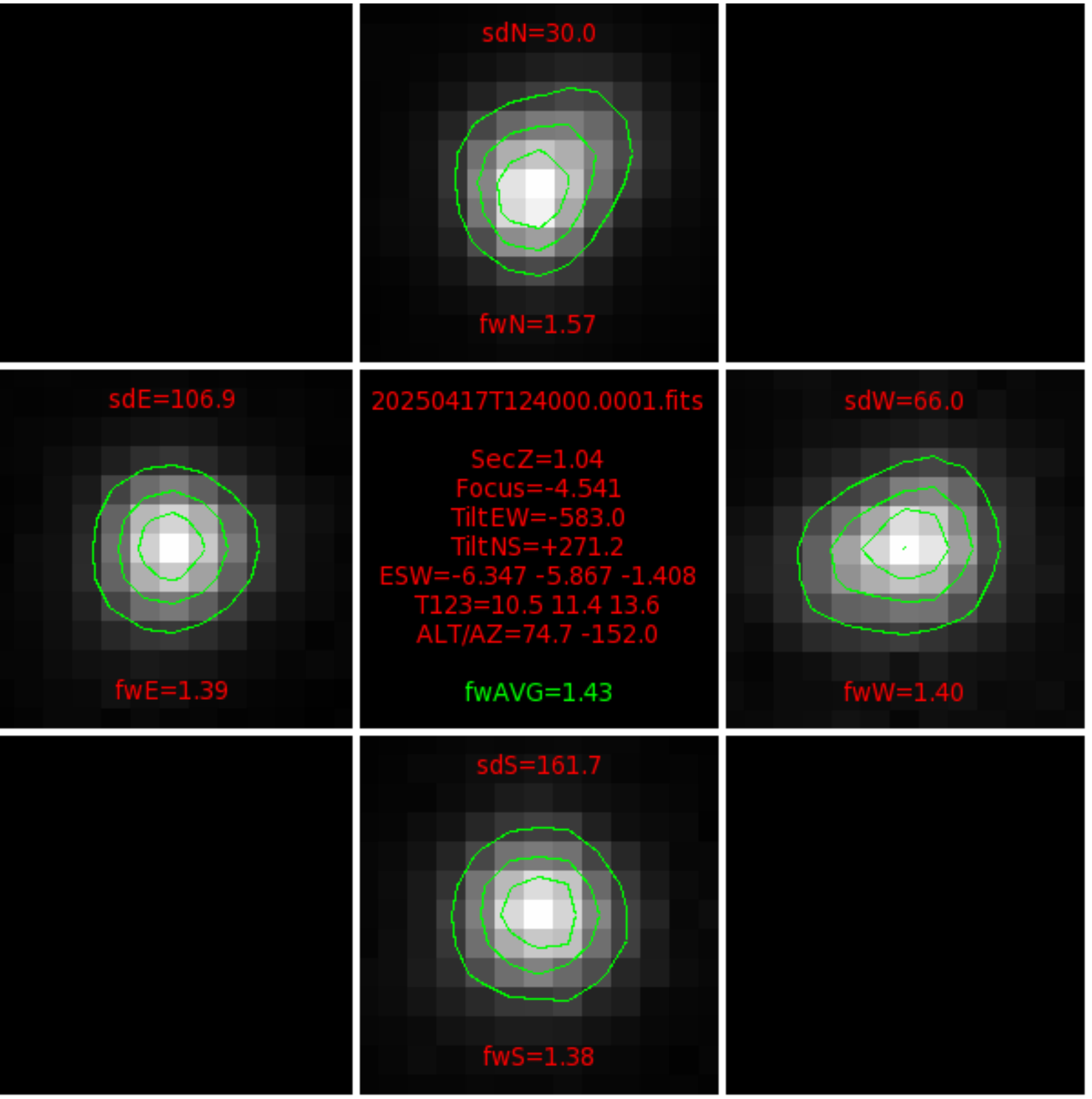
sdN=30.0
fwN=1.57
sdE=106.9
fwE=1.39
20250417T124000.0001.fits
SecZ=1.04
Focus=-4.541
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.347 -5.867 -1.408
T123=10.5 11.4 13.6
ALT/AZ=74.7 -152.0
fwAVG=1.43
sdW=66.0
fwW=1.40
sdS=161.7
fwS=1.38
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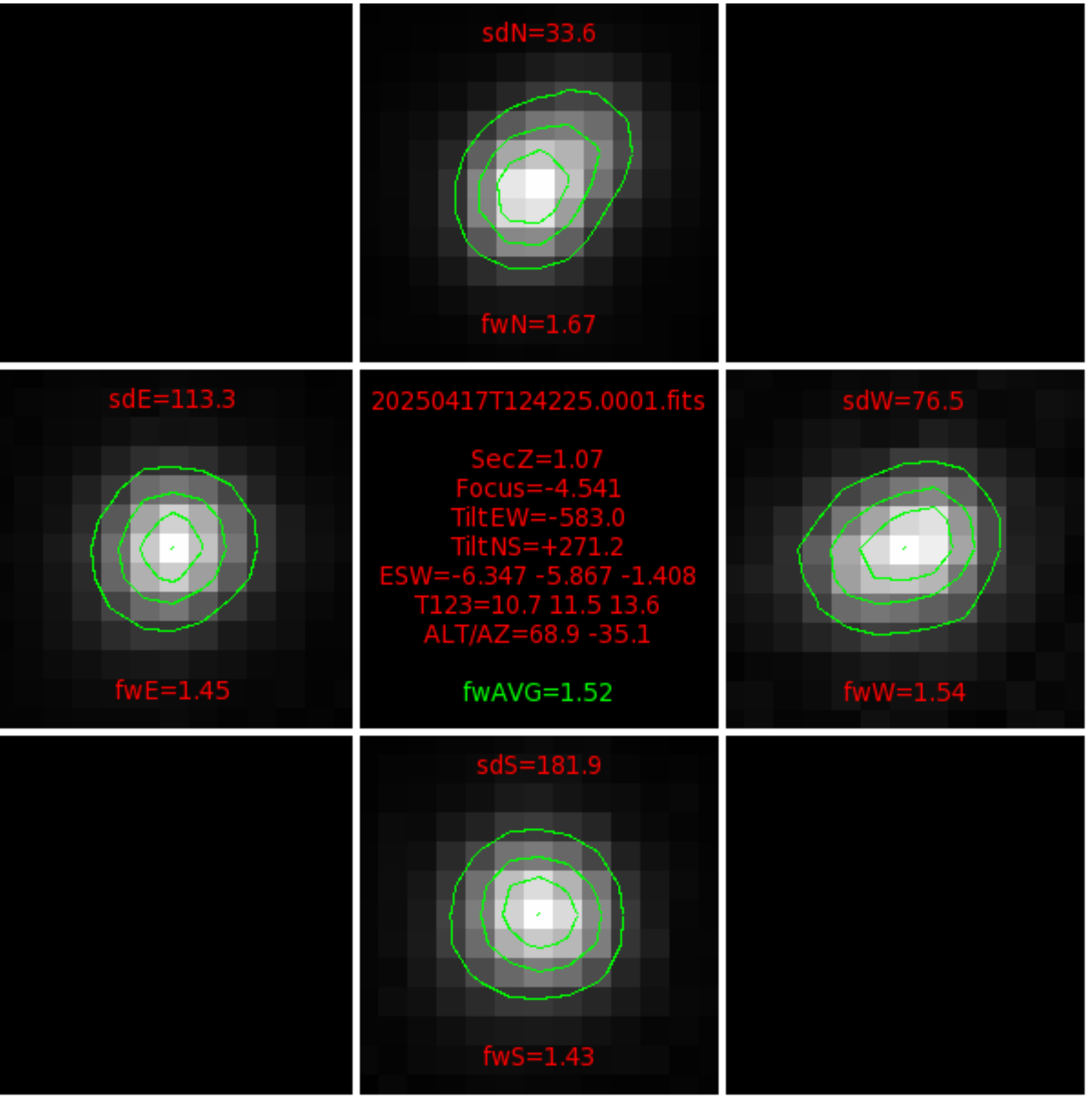
sdN=33.6
fwN=1.67
sdE=113.3
fwE=1.45
20250417T124225.0001.fits
SecZ=1.07
Focus=-4.541
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.347 -5.867 -1.408
T123=10.7 11.5 13.6
ALT/AZ=68.9 -35.1
fwAVG=1.52
sdW=76.5
fwW=1.54
sdS=181.9
fwS=1.43
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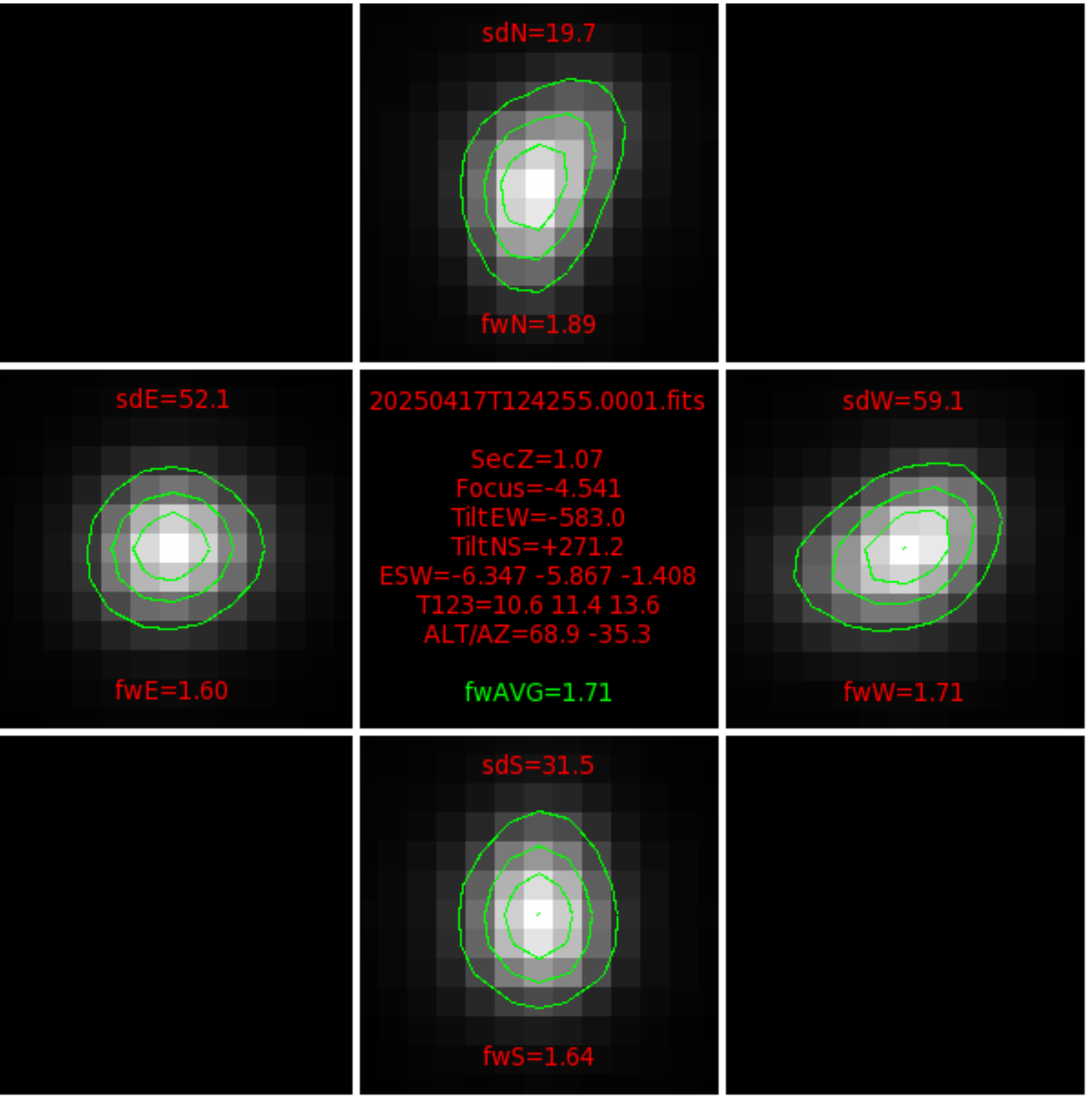
sdN=19.7
fwN=1.89
sdE=52.1
fwE=1.60
20250417T124255.0001.fits
SecZ=1.07
Focus=-4.541
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.347 -5.867 -1.408
T123=10.6 11.4 13.6
ALT/AZ=68.9 -35.3
fwAVG=1.71
sdW=59.1
fwW=1.71
sdS=31.5
fwS=1.64
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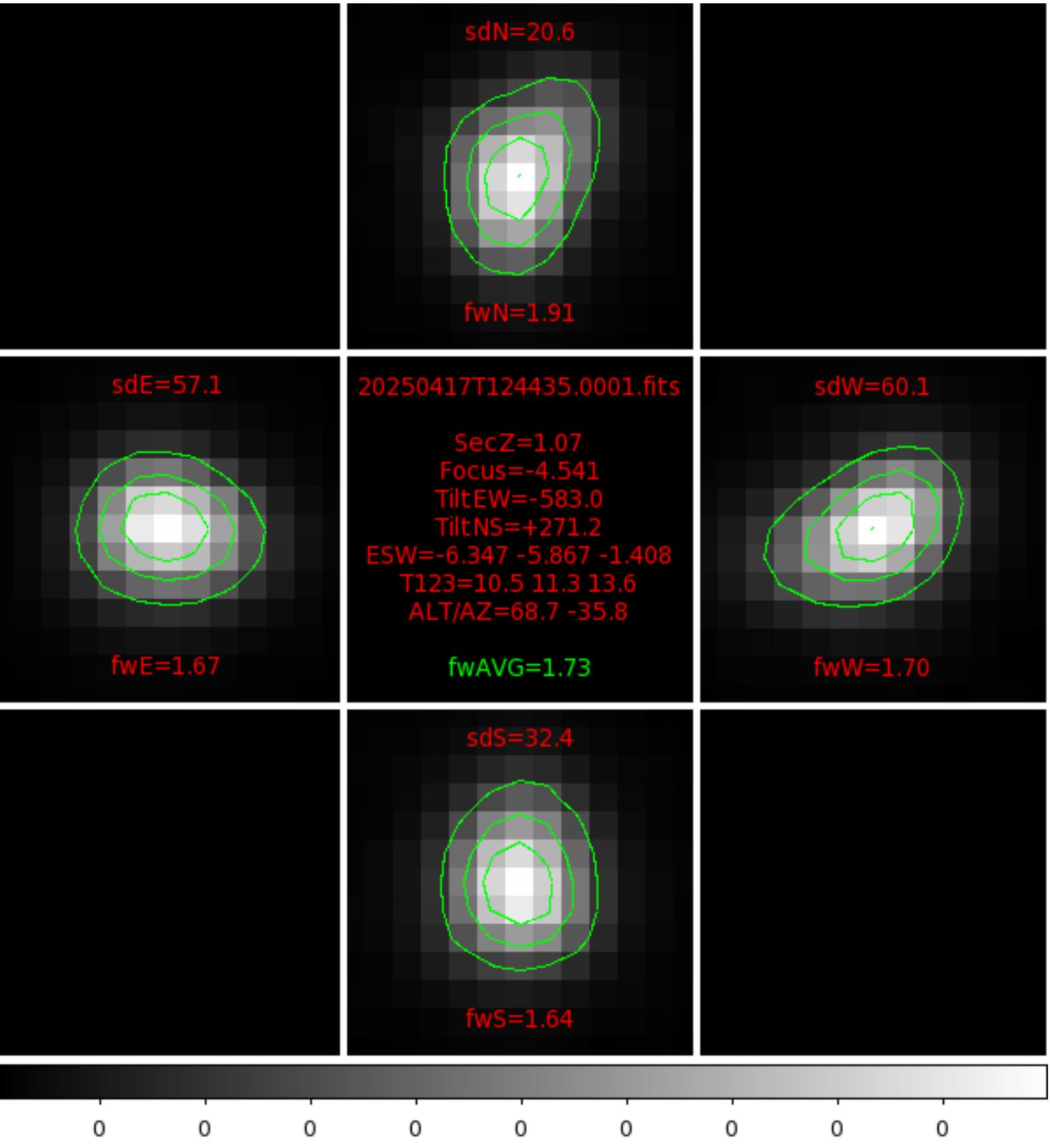
sdN=20.6
fwN=1.91
sdE=57.1
fwE=1.67
20250417T124435.0001.fits
SecZ=1.07
Focus=-4.541
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.347 -5.867 -1.408
T123=10.5 11.3 13.6
ALT/AZ=68.7 -35.8
fwAVG=1.73
sdW=60.1
fwW=1.70
sdS=32.4
fwS=1.64
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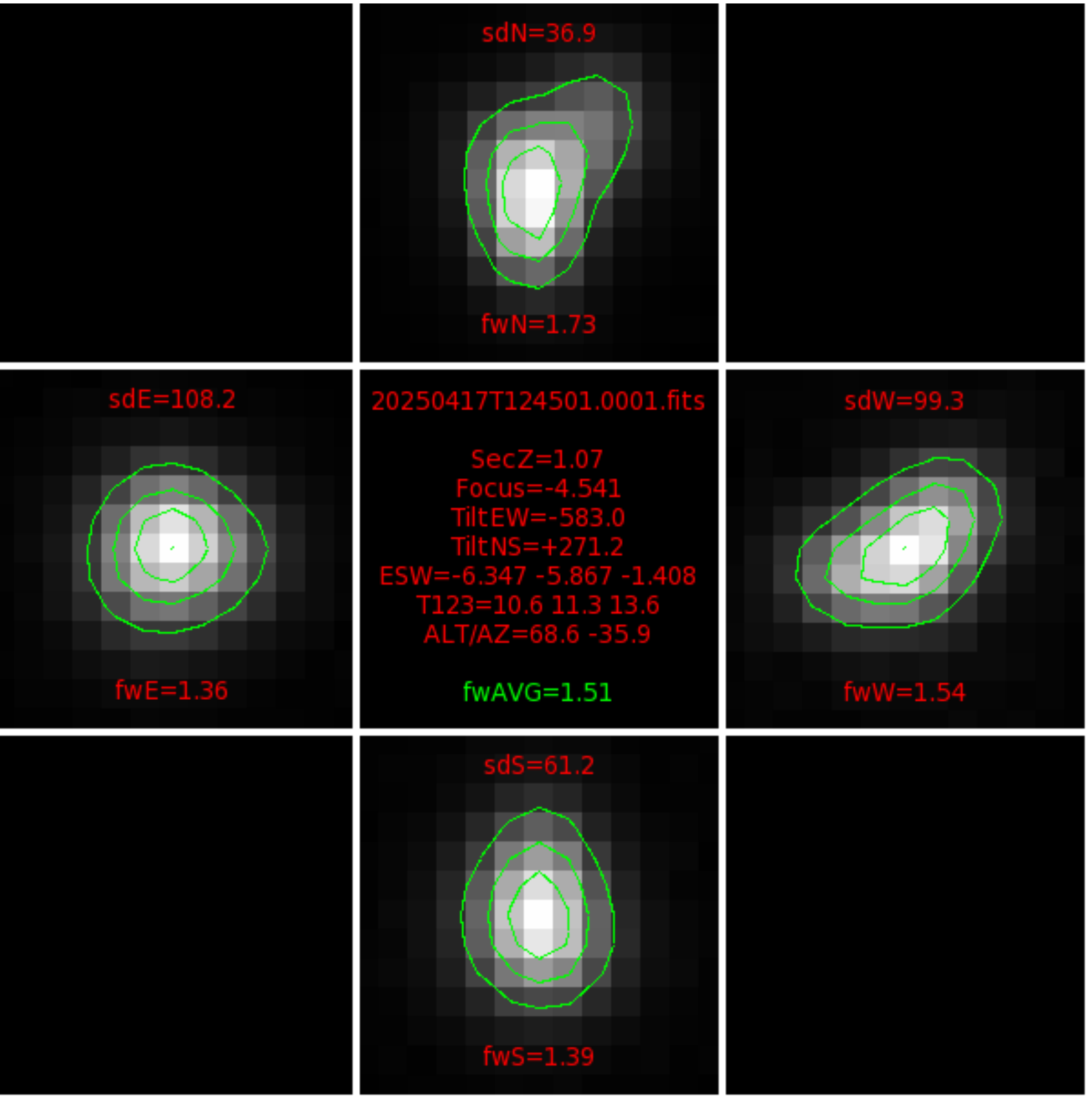
sdN=36.9
fwN=1.73
sdE=108.2
fwE=1.36
20250417T124501.0001.fits
SecZ=1.07
Focus=-4.541
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.347 -5.867 -1.408
T123=10.6 11.3 13.6
ALT/AZ=68.6 -35.9
fwAVG=1.51
sdW=99.3
fwW=1.54
sdS=61.2
fwS=1.39
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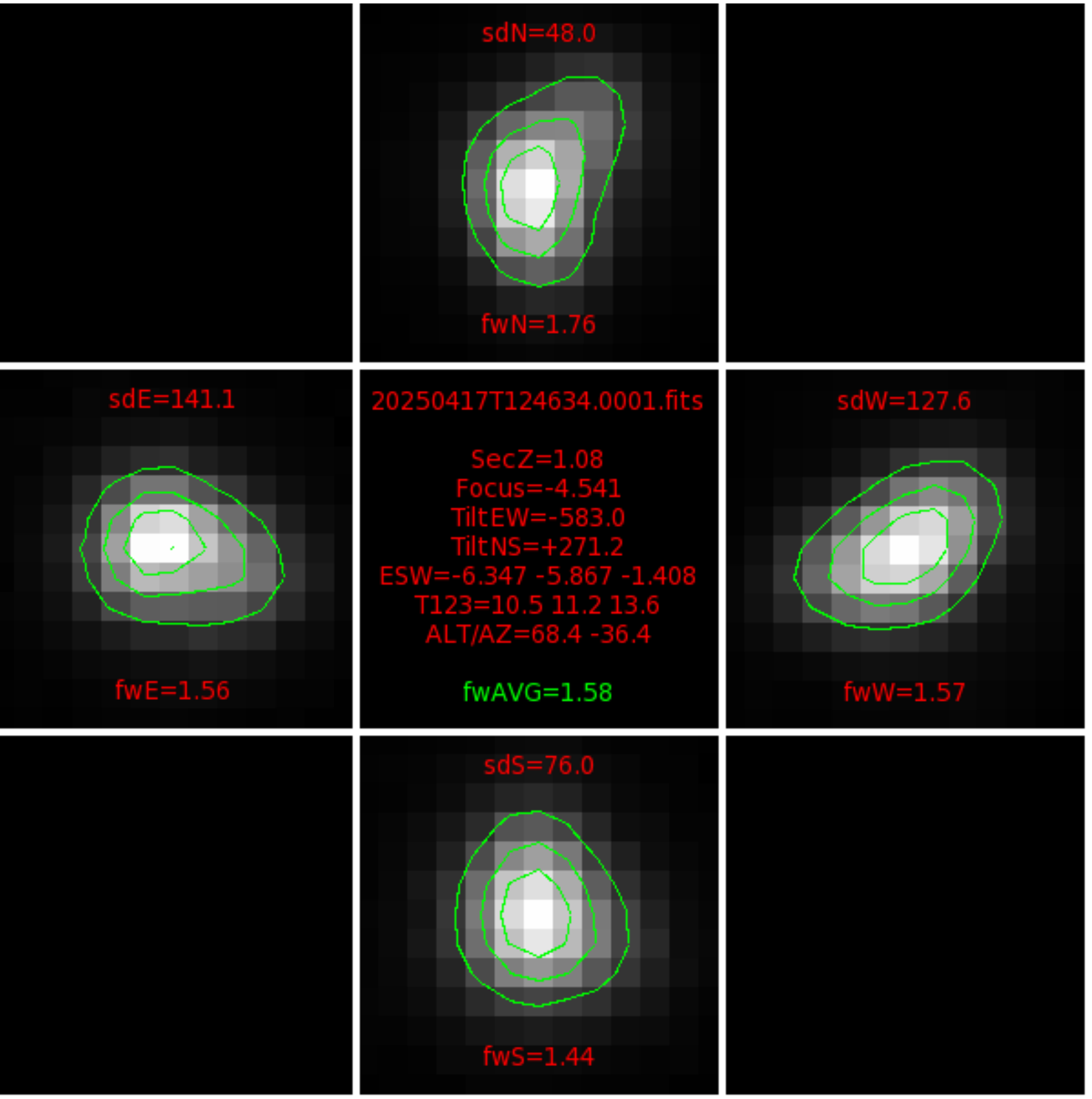
sdN=48.0
fwN=1.76
sdE=141.1
fwE=1.56
20250417T124634.0001.fits
SecZ=1.08
Focus=-4.541
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.347 -5.867 -1.408
T123=10.5 11.2 13.6
ALT/AZ=68.4 -36.4
fwAVG=1.58
sdW=127.6
fwW=1.57
sdS=76.0
fwS=1.44
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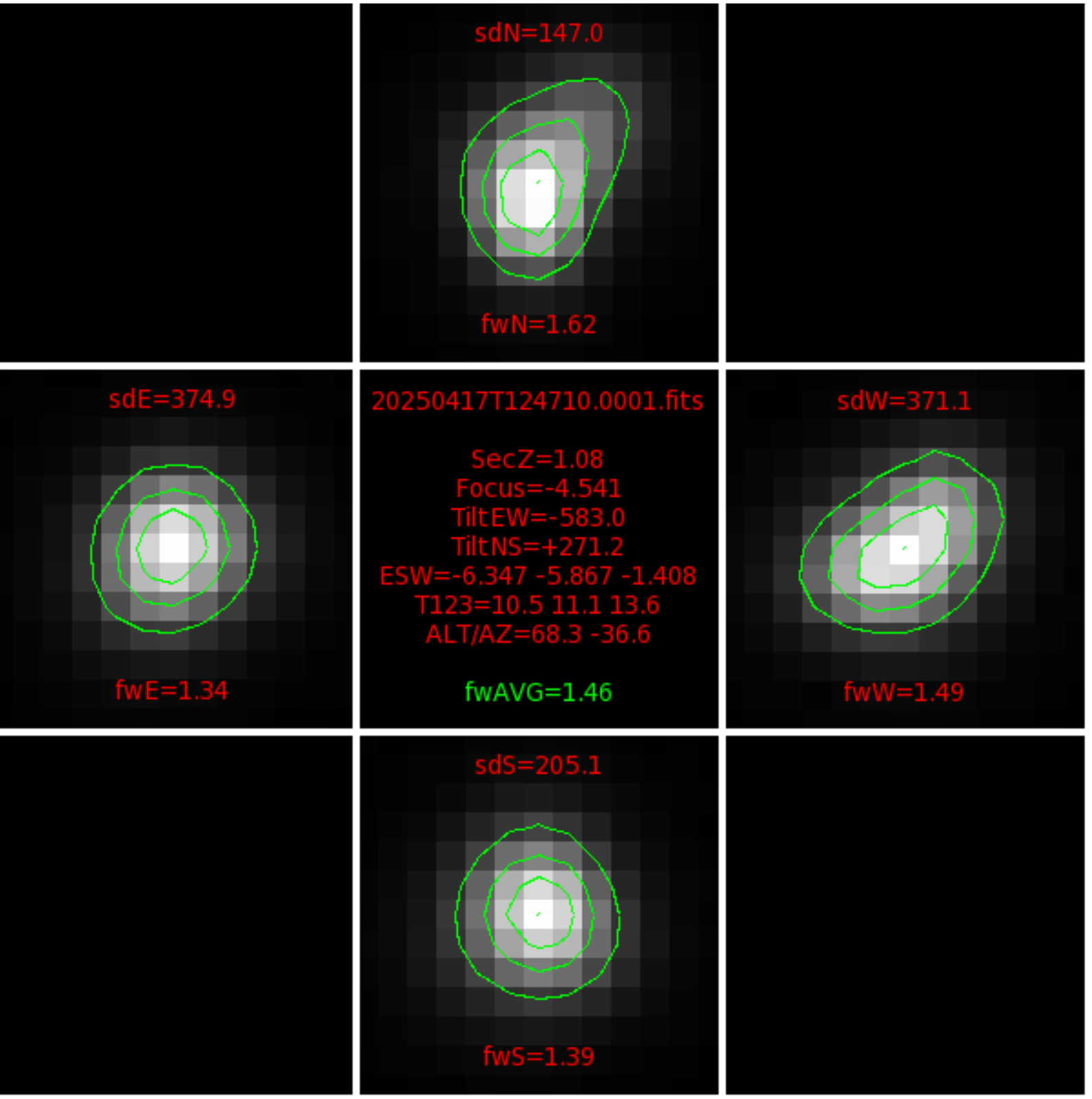
sdN=147.0
fwN=1.62
sdE=374.9
fwE=1.34
20250417T124710.0001.fits
SecZ=1.08
Focus=-4.541
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.347 -5.867 -1.408
T123=10.5 11.1 13.6
ALT/AZ=68.3 -36.6
fwAVG=1.46
sdW=371.1
fwW=1.49
sdS=205.1
fwS=1.39
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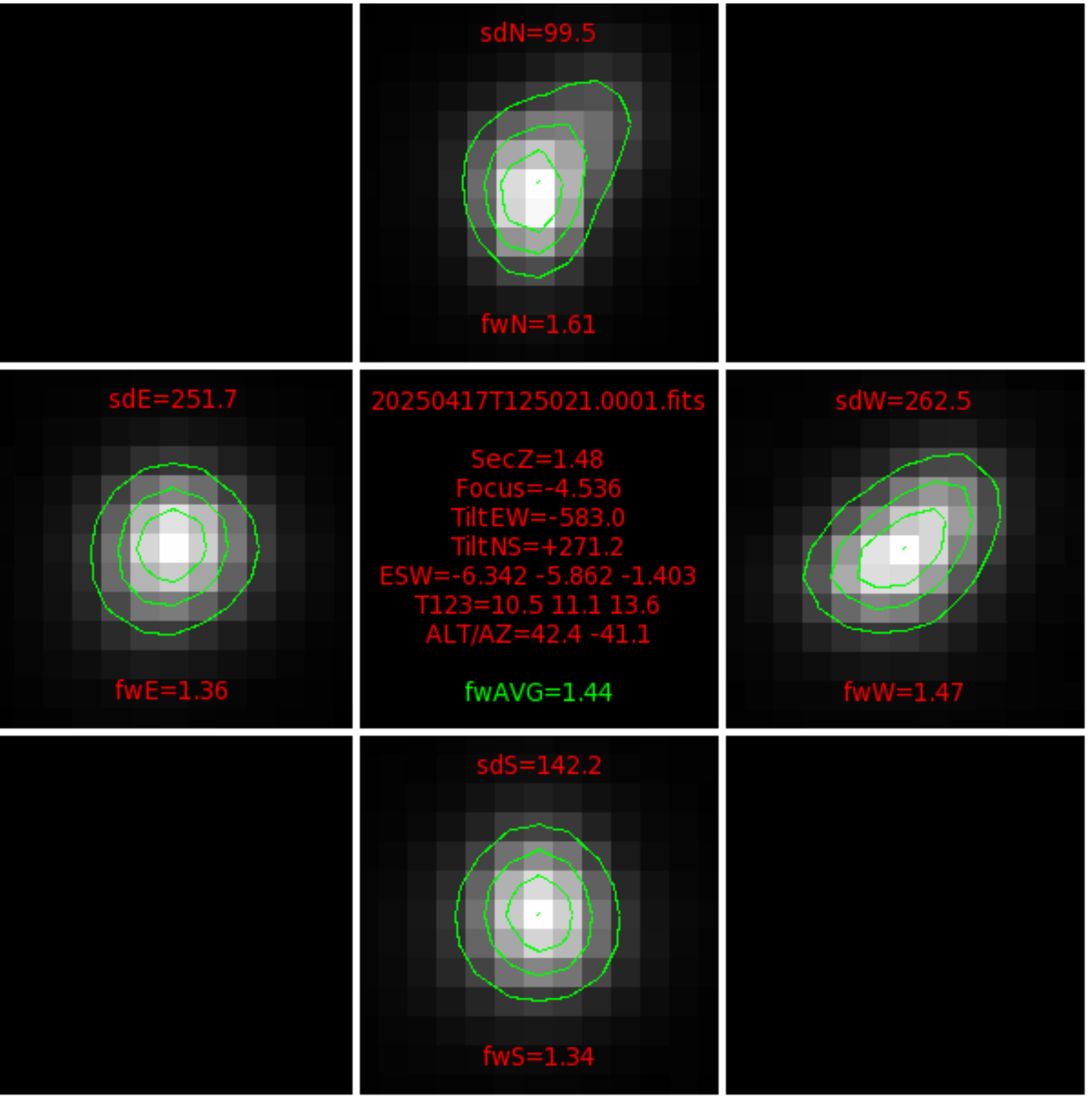
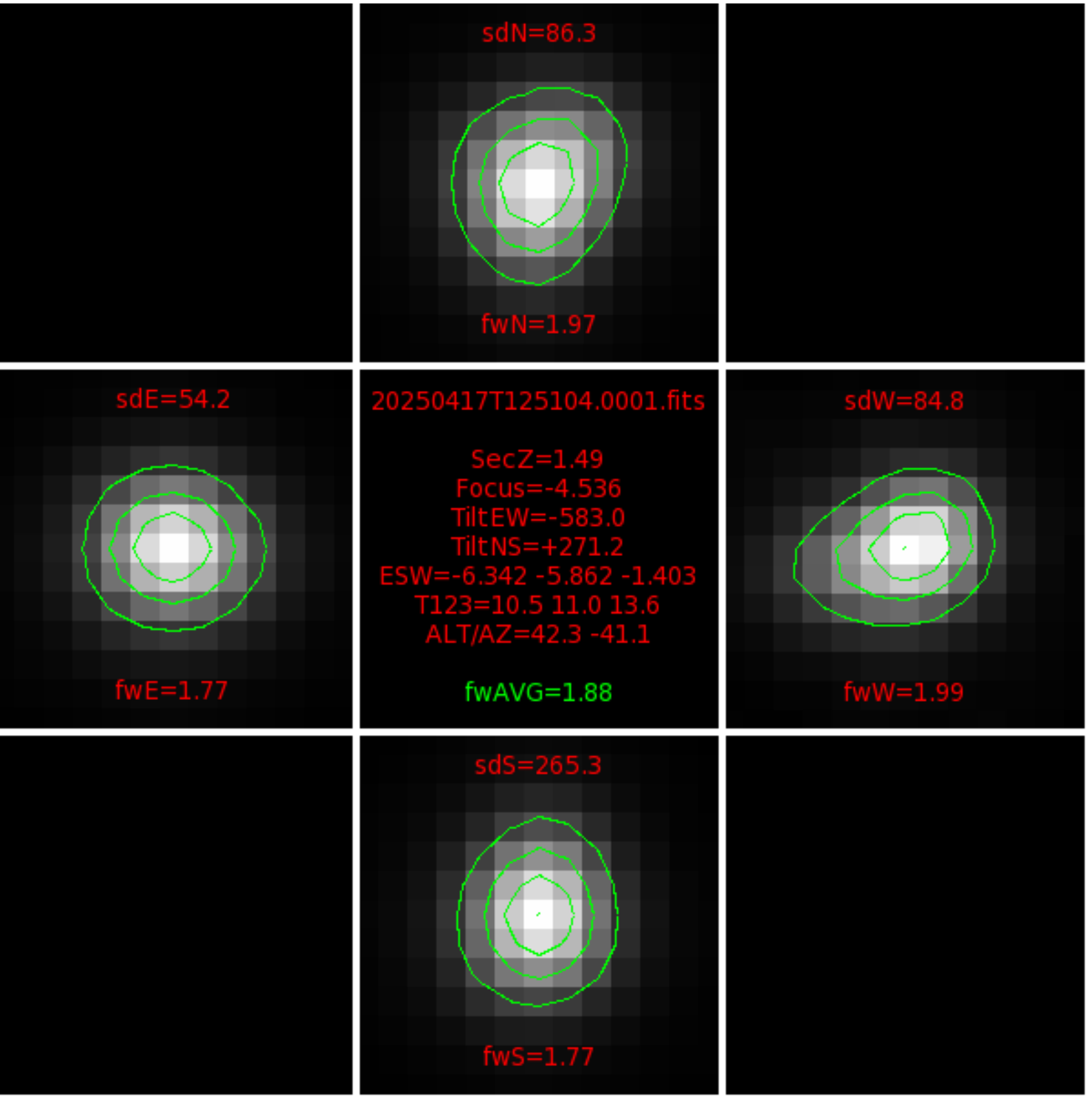
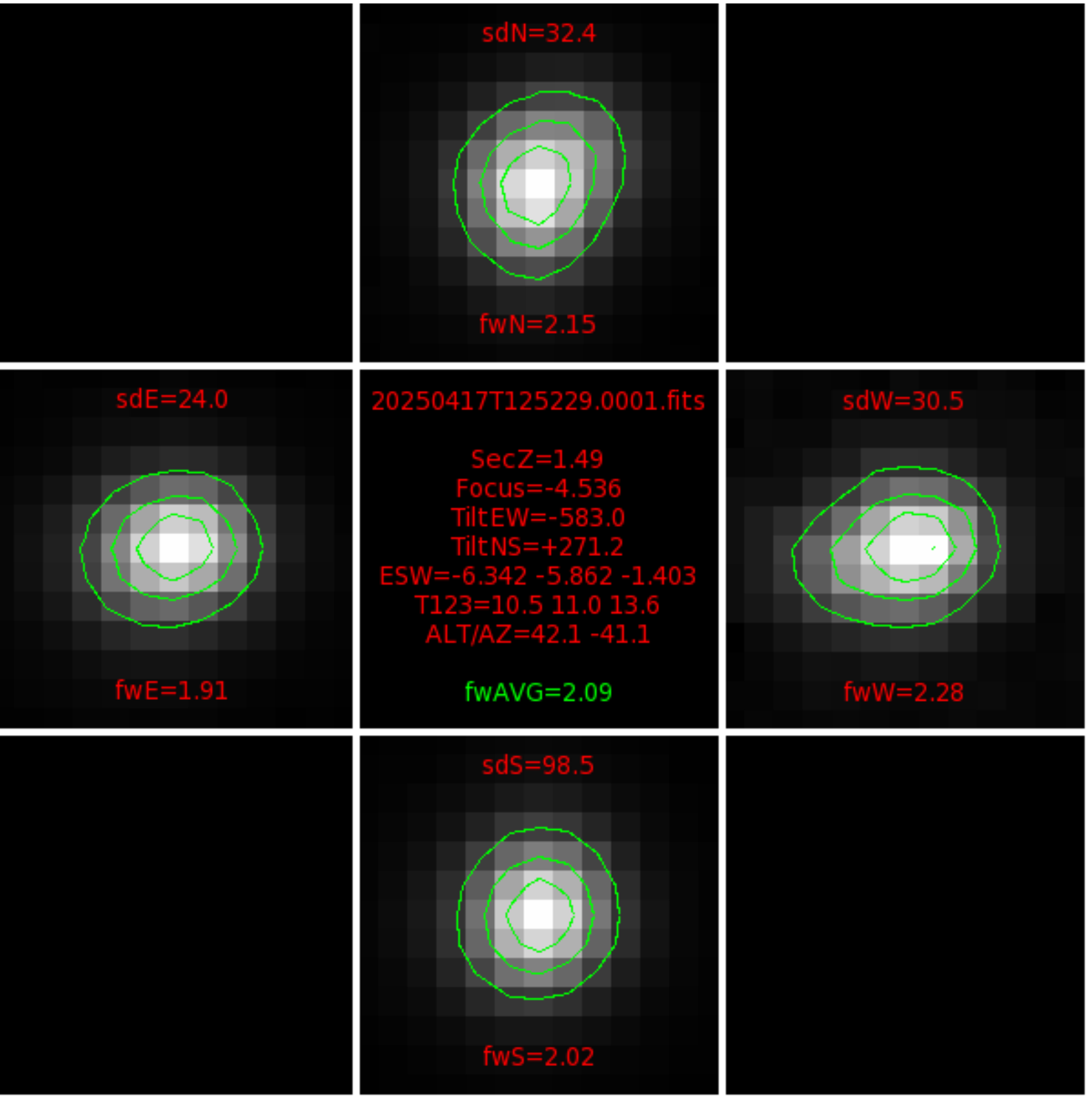
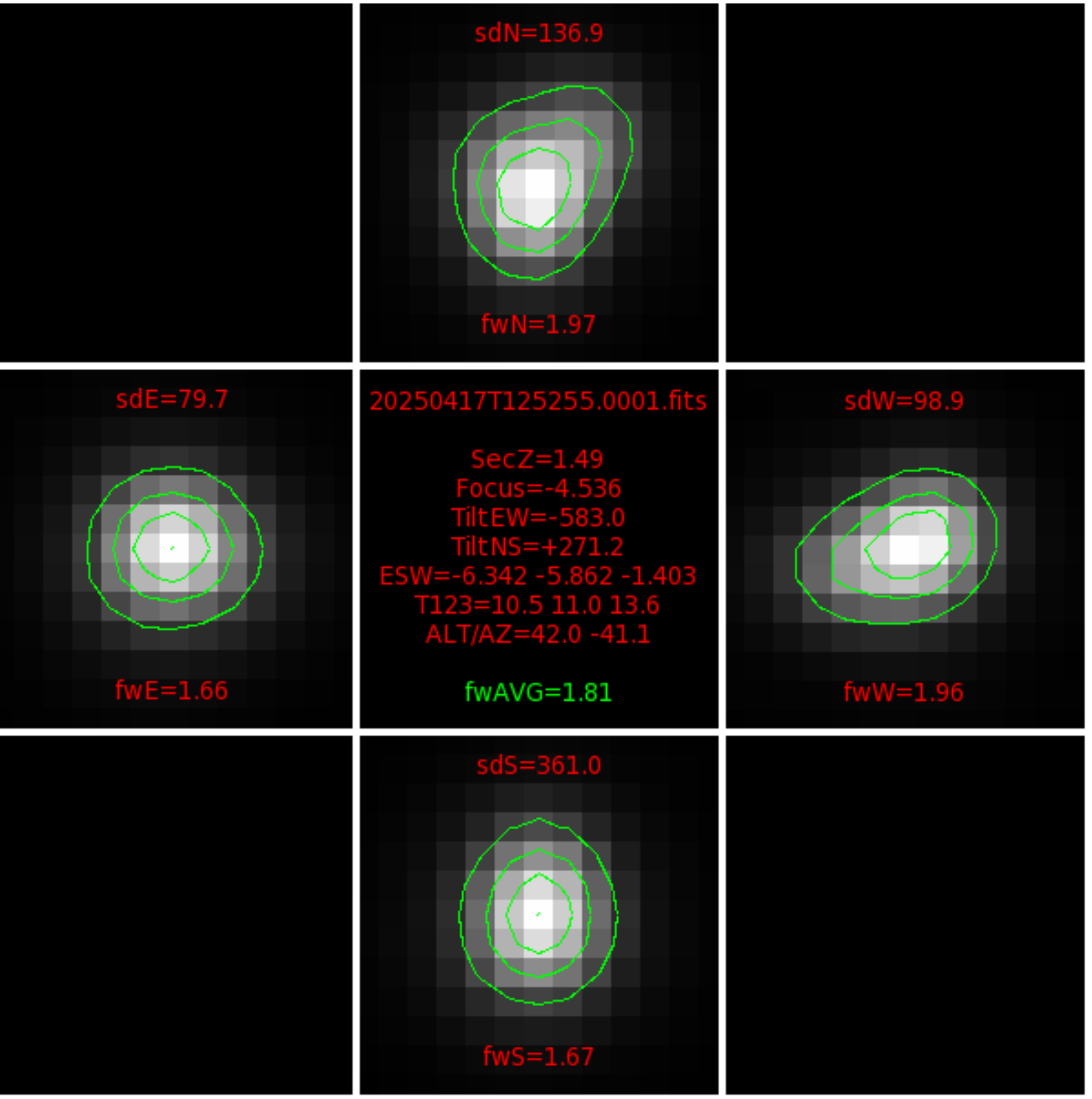

sdN=99.5
fwN=1.61
sdE=251.7
fwE=1.36
20250417T125021.0001.fits
SecZ=1.48
Focus=-4.536
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.342 -5.862 -1.403
T123=10.5 11.1 13.6
ALT/AZ=42.4 -41.1
fwAVG=1.44
sdW=262.5
fwW=1.47
sdS=142.2
fwS=1.34
0 0 0 0 0 0 0 0 0


sdN=86.3
fwN=1.97
sdE=54.2
fwE=1.77
20250417T125104.0001.fits
SecZ=1.49
Focus=-4.536
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.342 -5.862 -1.403
T123=10.5 11.0 13.6
ALT/AZ=42.3 -41.1
fwAVG=1.88
sdW=84.8
fwW=1.99
sdS=265.3
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=32.4
fwN=2.15
sdE=24.0
fwE=1.91
20250417T125229.0001.fits
SecZ=1.49
Focus=-4.536
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.342 -5.862 -1.403
T123=10.5 11.0 13.6
ALT/AZ=42.1 -41.1
fwAVG=2.09
sdW=30.5
fwW=2.28
sdS=98.5
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=136.9
fwN=1.97
sdE=79.7
fwE=1.66
20250417T125255.0001.fits
SecZ=1.49
Focus=-4.536
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.342 -5.862 -1.403
T123=10.5 11.0 13.6
ALT/AZ=42.0 -41.1
fwAVG=1.81
sdW=98.9
fwW=1.96
sdS=361.0
fwS=1.67
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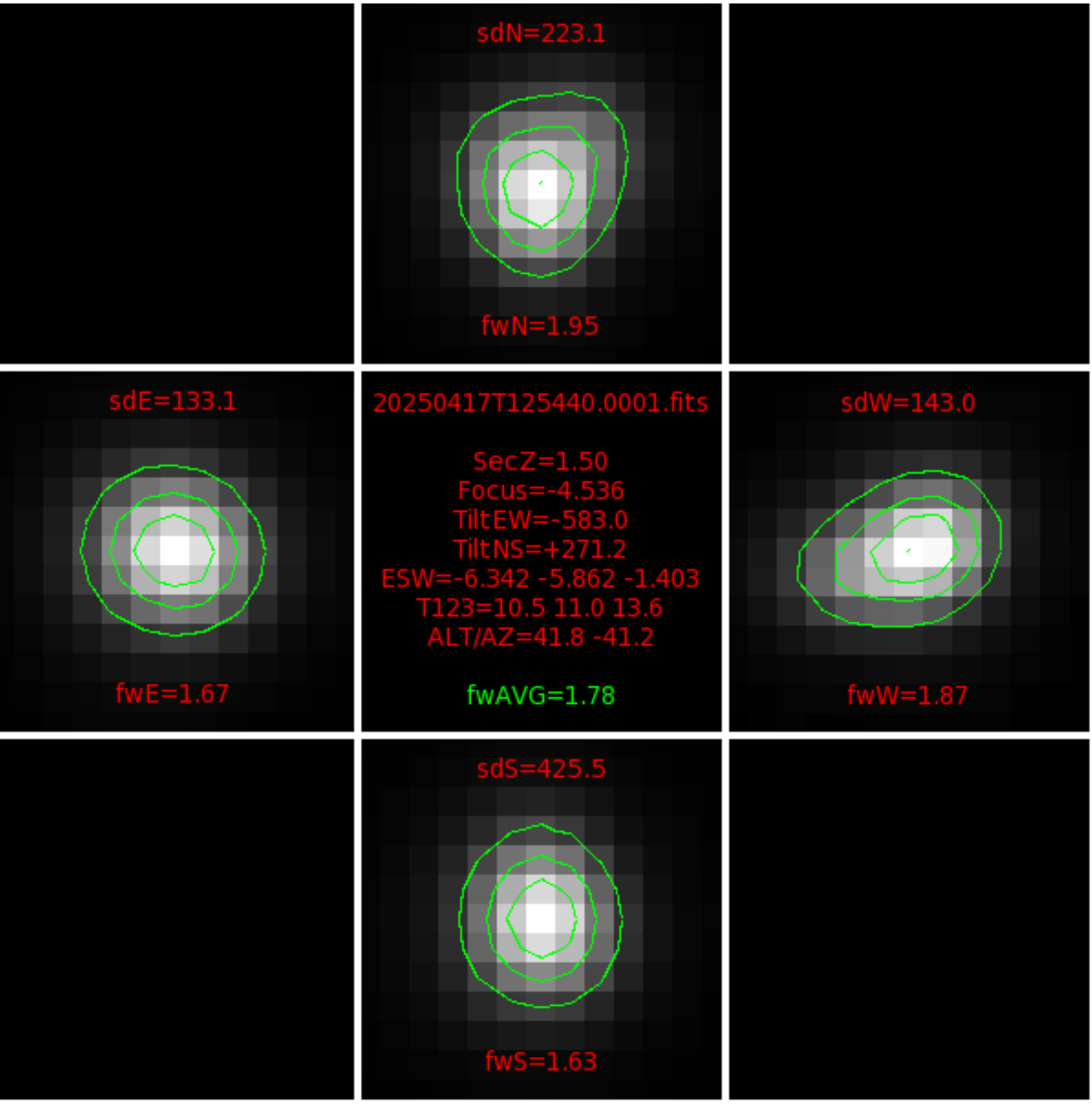
sdN=223.1
fwN=1.95
sdE=133.1
fwE=1.67
20250417T125440.0001.fits
SecZ=1.50
Focus=-4.536
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.342 -5.862 -1.403
T123=10.5 11.0 13.6
ALT/AZ=41.8 -41.2
fwAVG=1.78
sdW=143.0
fwW=1.87
sdS=425.5
fwS=1.63
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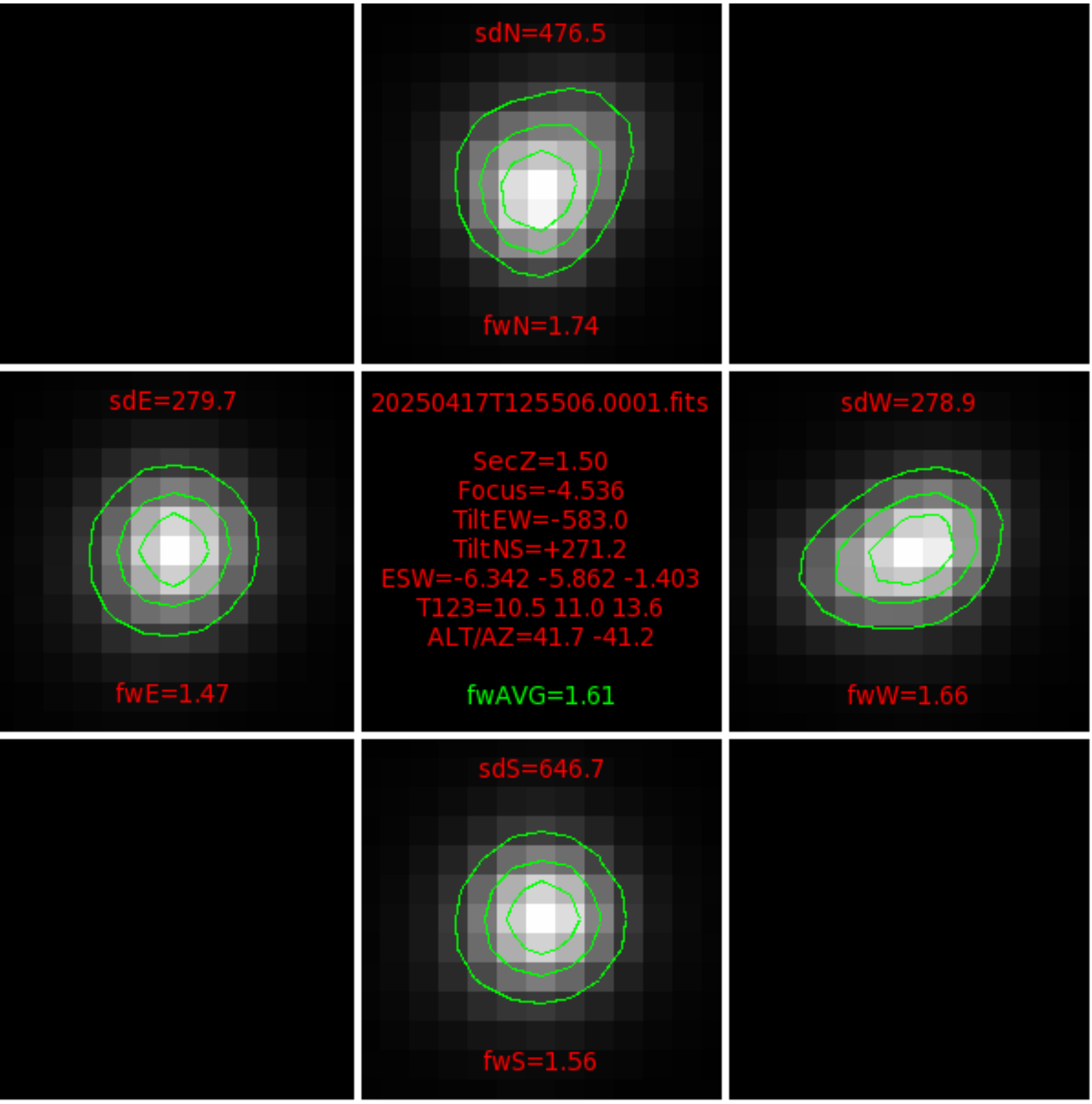
sdN=476.5
fwN=1.74
sdE=279.7
fwE=1.47
20250417T125506.0001.fits
SecZ=1.50
Focus=-4.536
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.342 -5.862 -1.403
T123=10.5 11.0 13.6
ALT/AZ=41.7 -41.2
fwAVG=1.61
sdW=278.9
fwW=1.66
sdS=646.7
fwS=1.56
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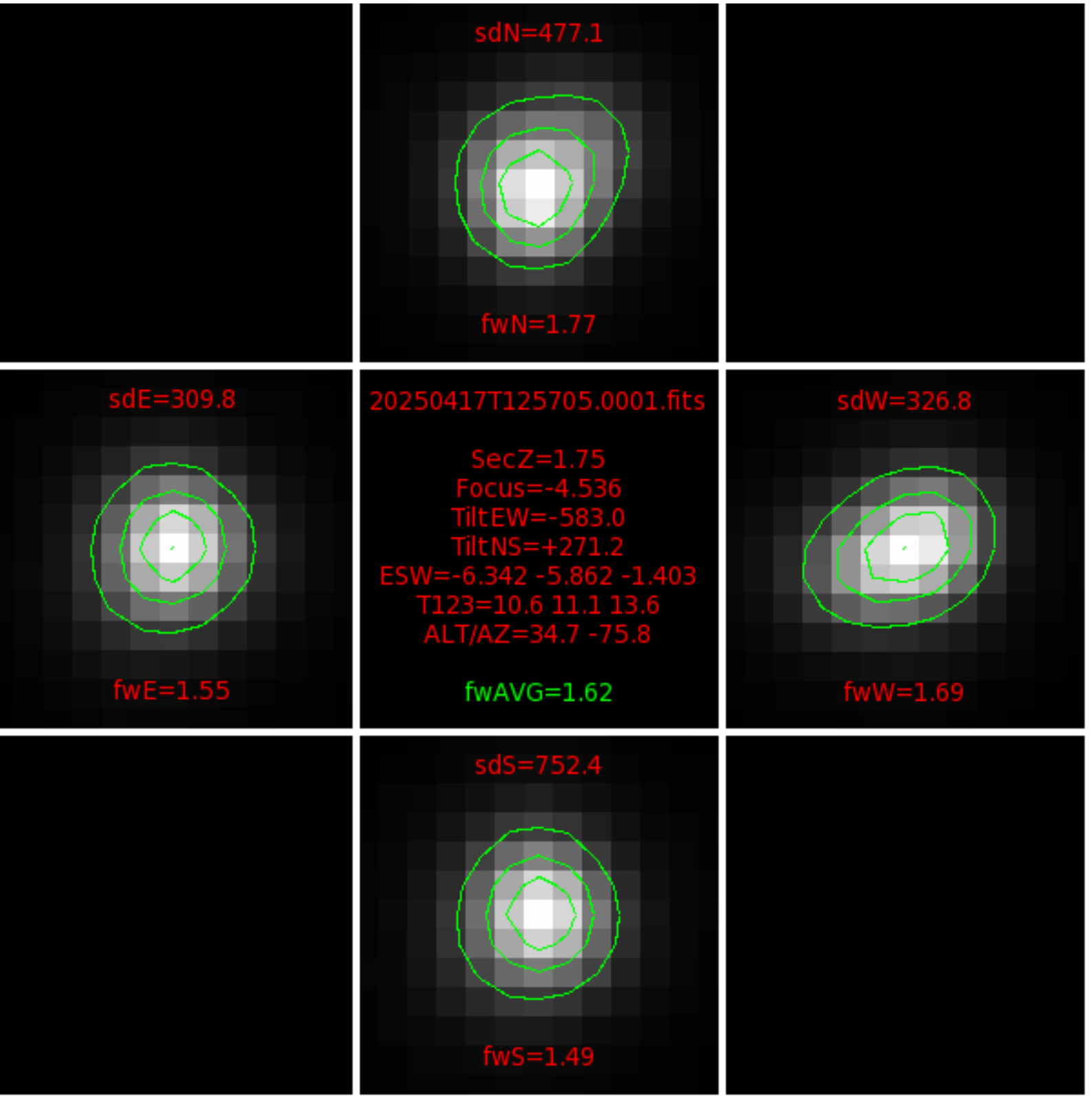
sdN=477.1
fwN=1.77
sdE=309.8
fwE=1.55
20250417T125705.0001.fits
SecZ=1.75
Focus=-4.536
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.342 -5.862 -1.403
T123=10.6 11.1 13.6
ALT/AZ=34.7 -75.8
fwAVG=1.62
sdW=326.8
fwW=1.69
sdS=752.4
fwS=1.49
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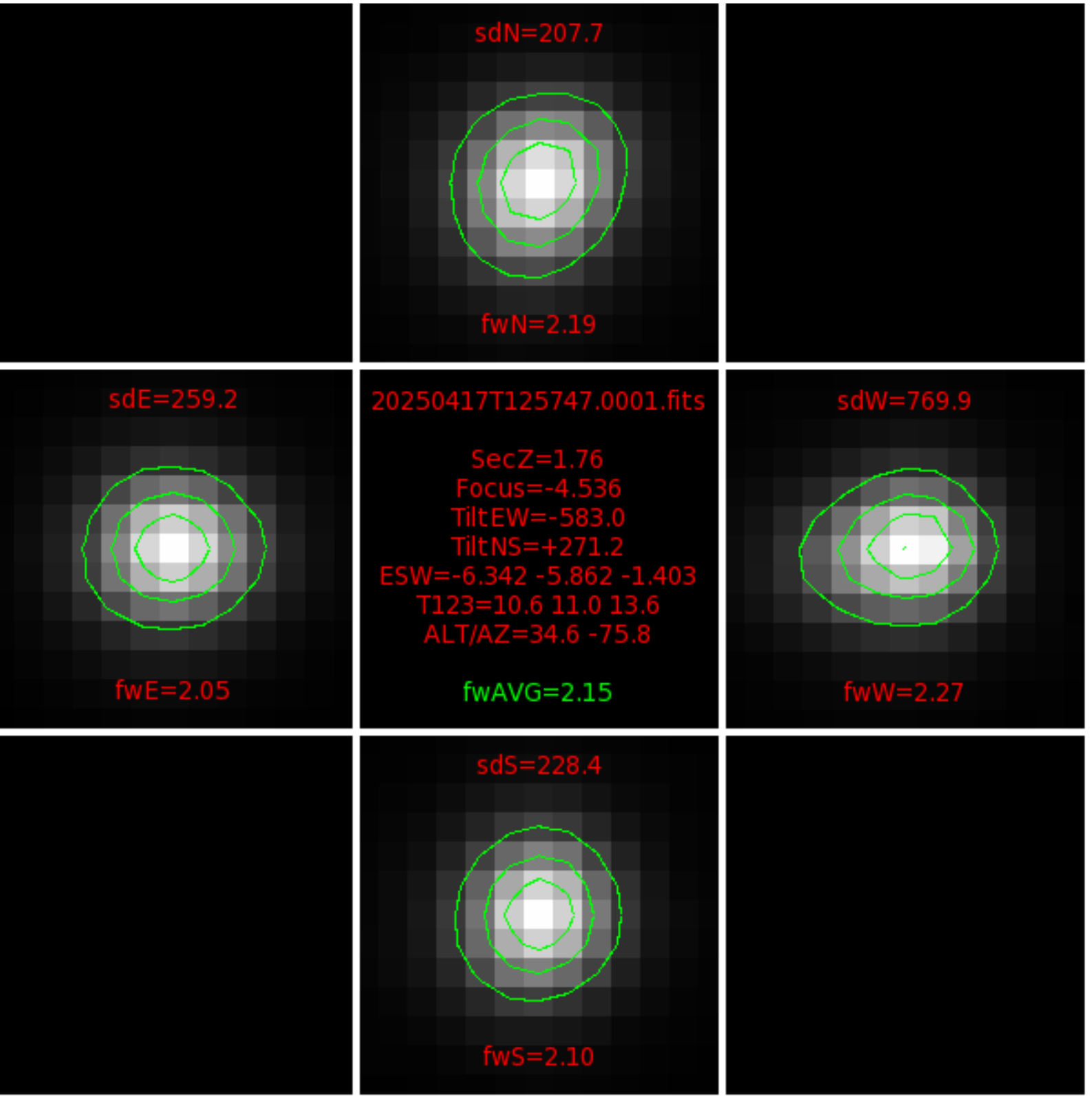
sdN=207.7
fwN=2.19
sdE=259.2
fwE=2.05
20250417T125747.0001.fits
SecZ=1.76
Focus=-4.536
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.342 -5.862 -1.403
T123=10.6 11.0 13.6
ALT/AZ=34.6 -75.8
fwAVG=2.15
sdW=769.9
fwW=2.27
sdS=228.4
fwS=2.10
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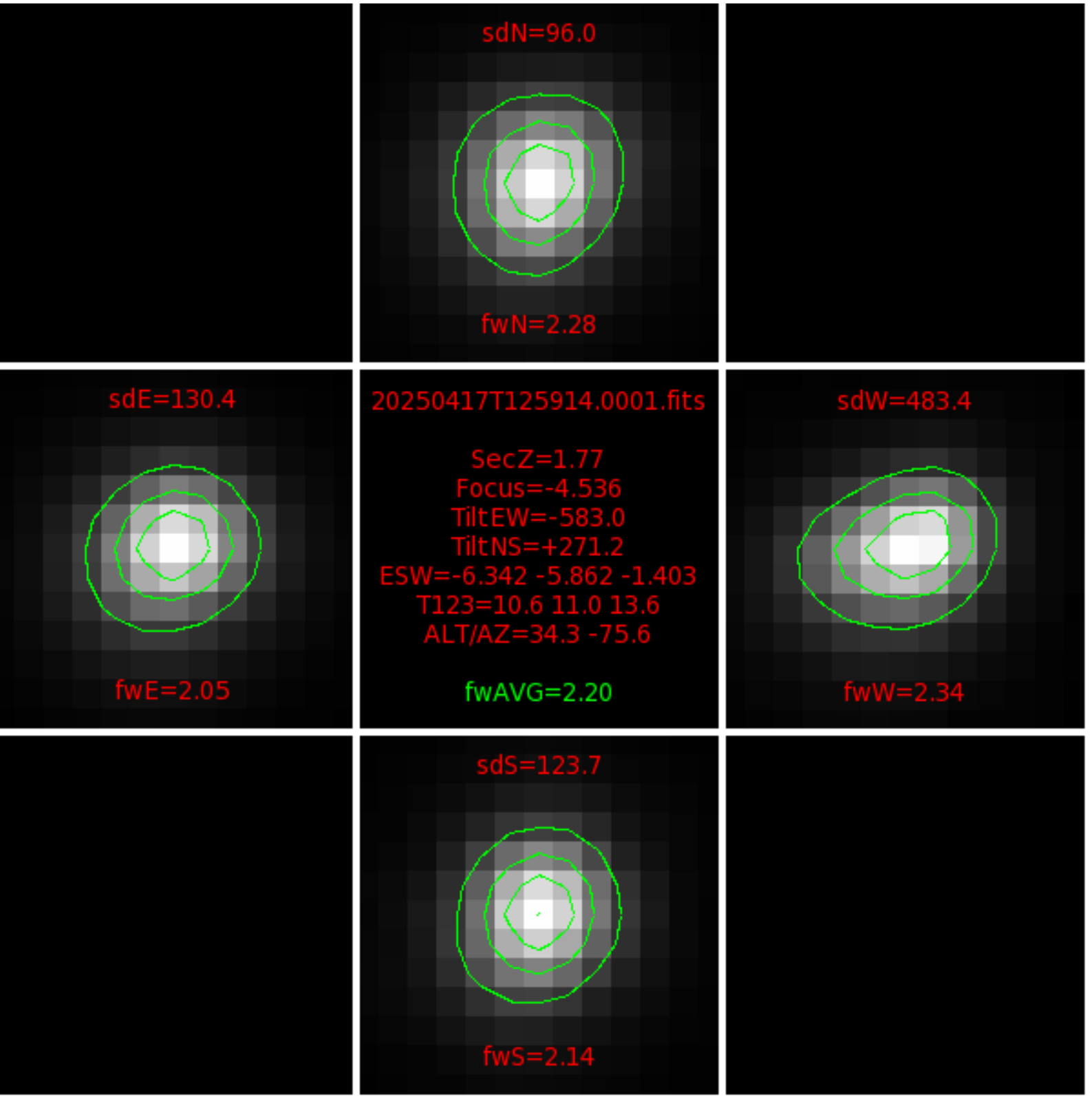
sdN=96.0
fwN=2.28
sdE=130.4
fwE=2.05
20250417T125914.0001.fits
SecZ=1.77
Focus=-4.536
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.342 -5.862 -1.403
T123=10.6 11.0 13.6
ALT/AZ=34.3 -75.6
fwAVG=2.20
sdW=483.4
fwW=2.34
sdS=123.7
fwS=2.14
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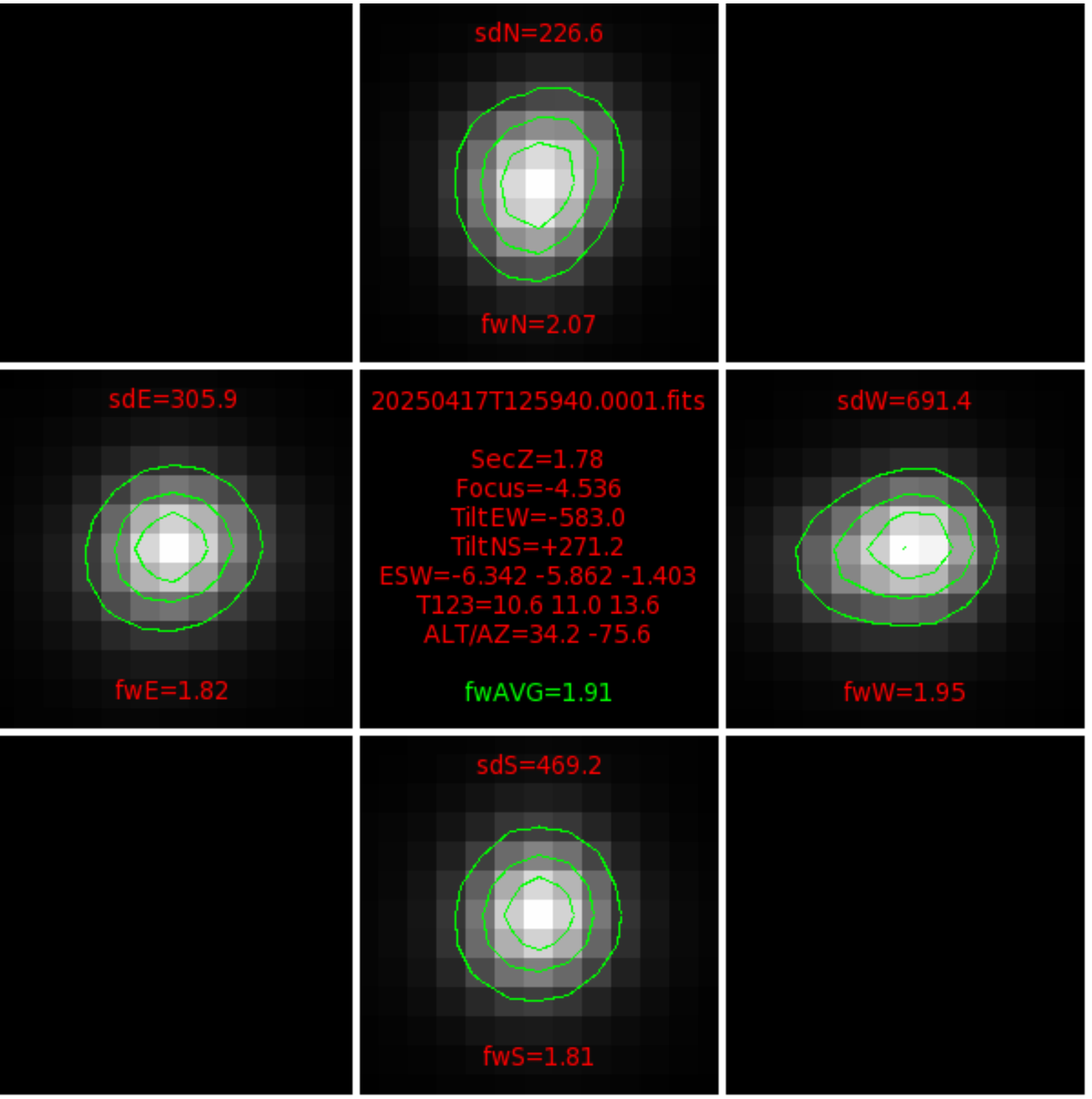
sdN=226.6
fwN=2.07
sdE=305.9
fwE=1.82
20250417T125940.0001.fits
SecZ=1.78
Focus=-4.536
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.342 -5.862 -1.403
T123=10.6 11.0 13.6
ALT/AZ=34.2 -75.6
fwAVG=1.91
sdW=691.4
fwW=1.95
sdS=469.2
fwS=1.81
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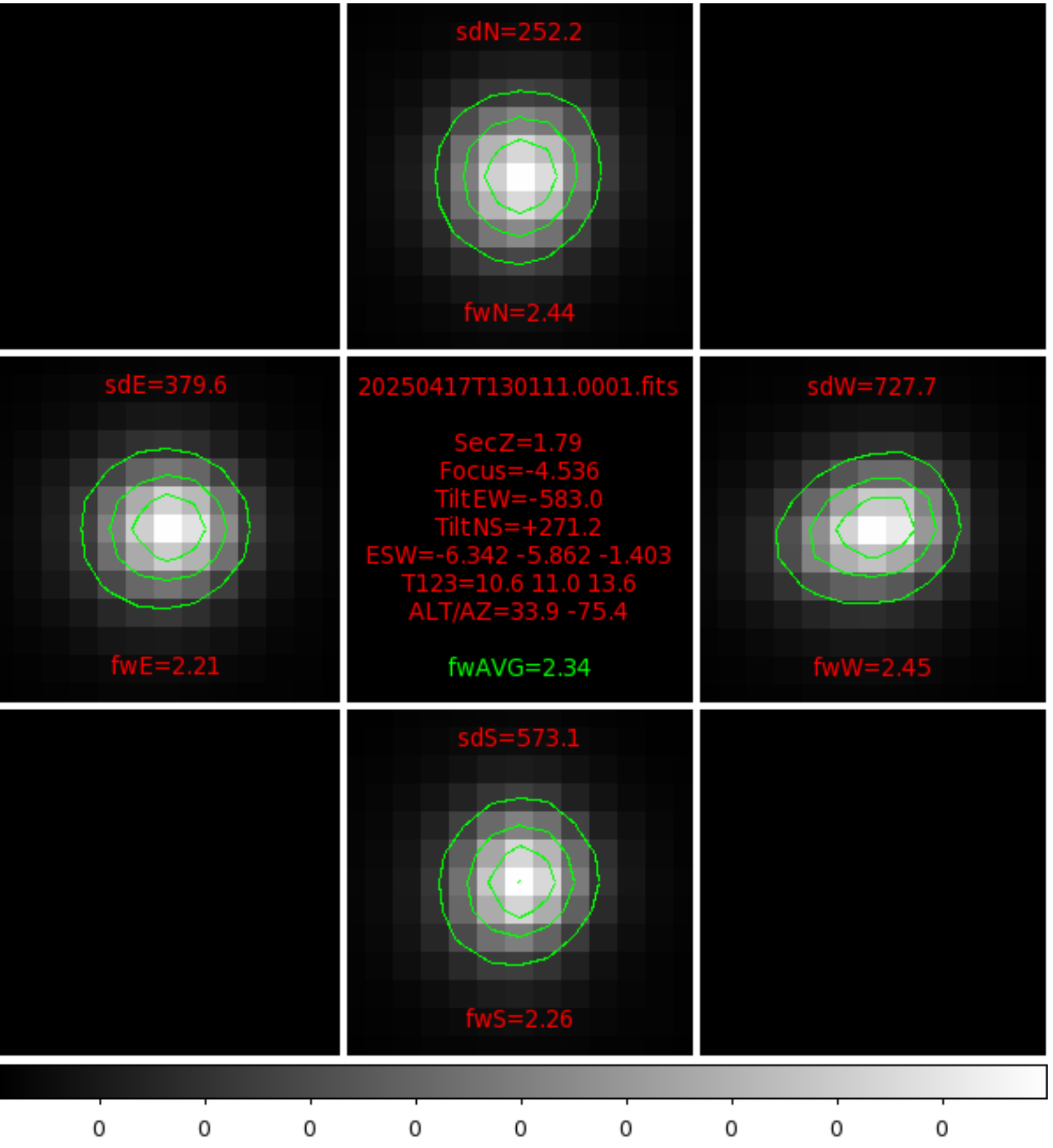
sdN=252.2
fwN=2.44
sdE=379.6
fwE=2.21
20250417T130111.0001.fits
SecZ=1.79
Focus=-4.536
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.342 -5.862 -1.403
T123=10.6 11.0 13.6
ALT/AZ=33.9 -75.4
fwAVG=2.34
sdW=727.7
fwW=2.45
sdS=573.1
fwS=2.26
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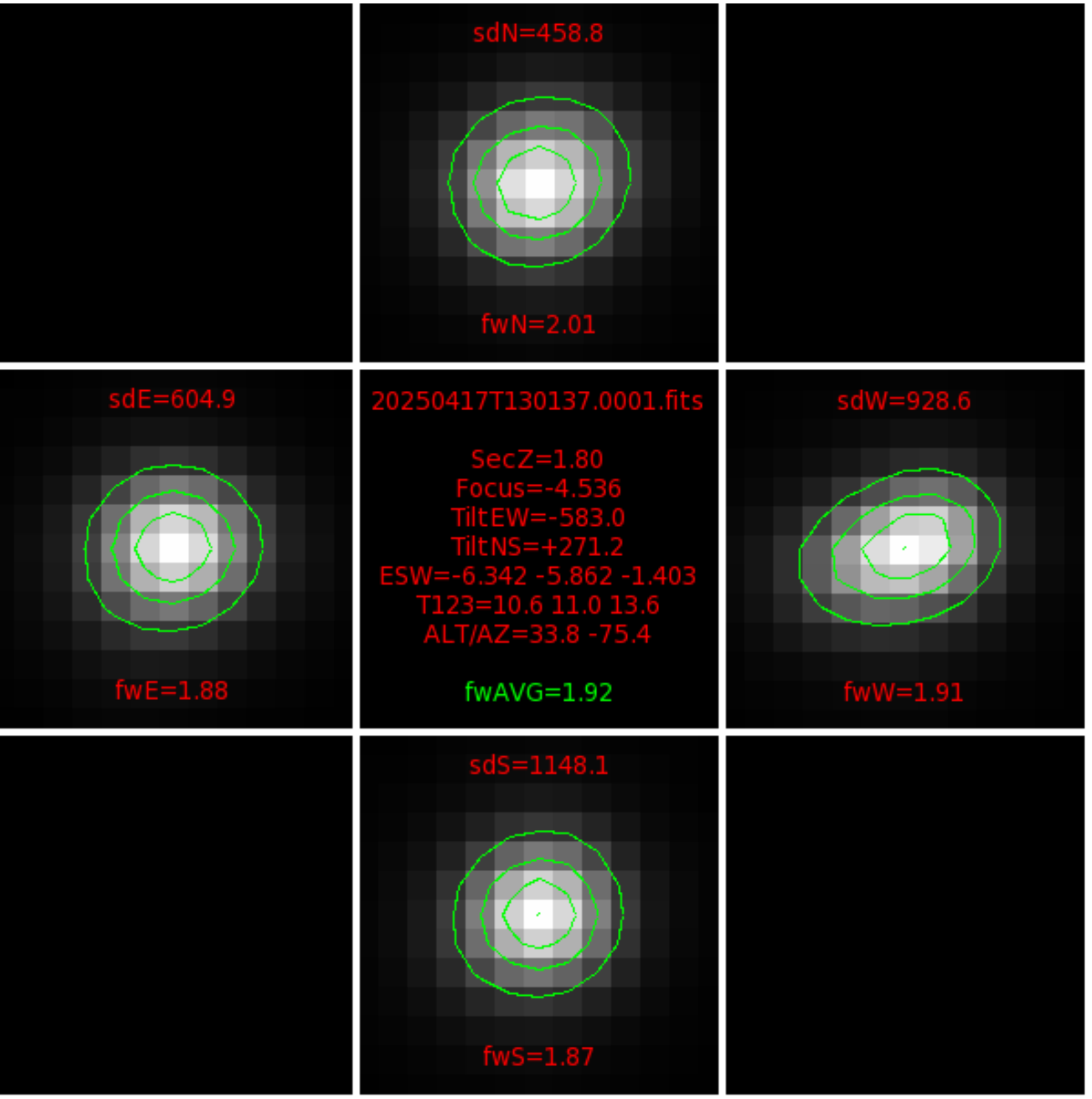
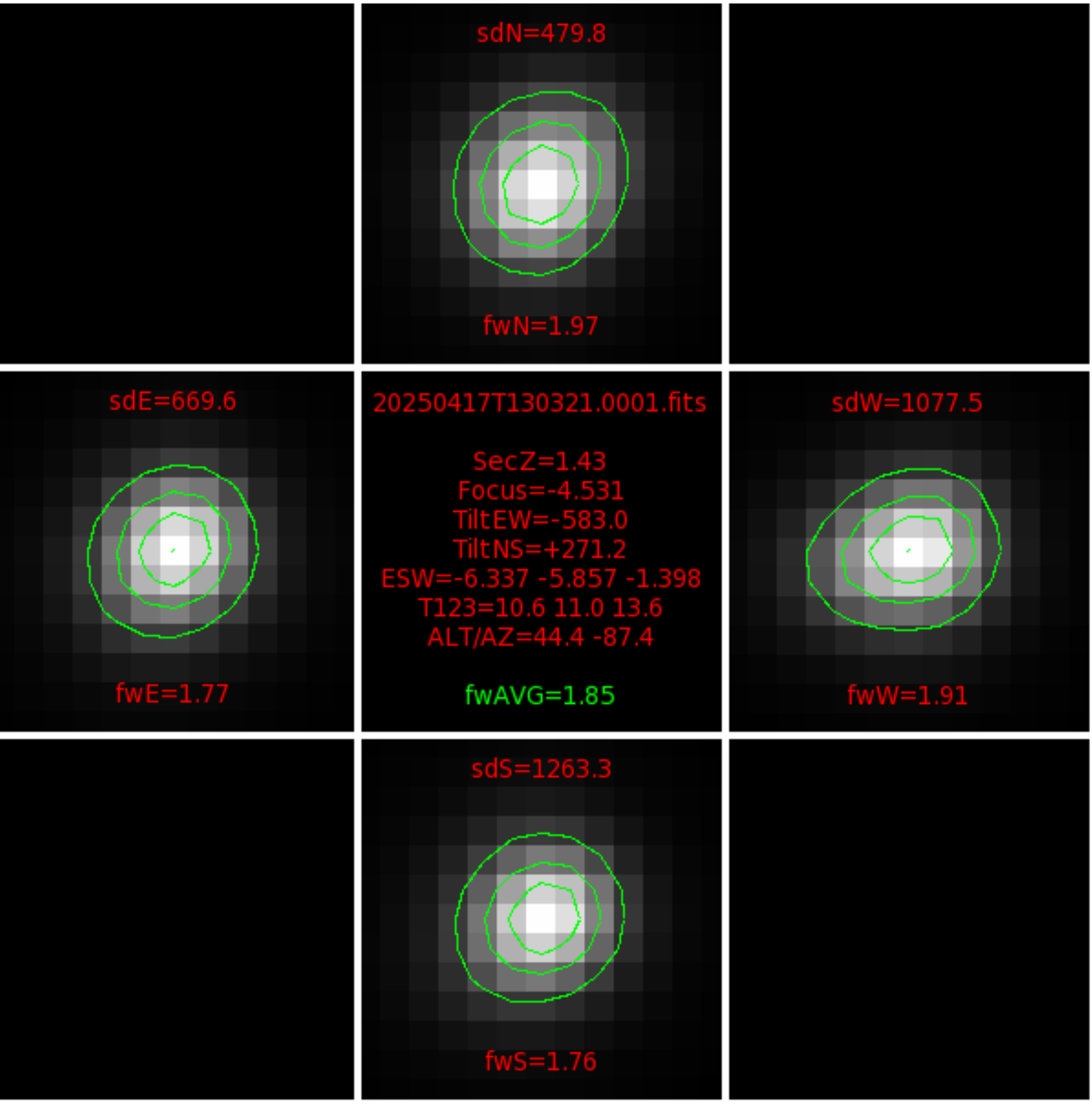

sdN=458.8
fwN=2.01
sdE=604.9
fwE=1.88
20250417T130137.0001.fits
SecZ=1.80
Focus=-4.536
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.342 -5.862 -1.403
T123=10.6 11.0 13.6
ALT/AZ=33.8 -75.4
fwAVG=1.92
sdW=928.6
fwW=1.91
sdS=1148.1
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=479.8
fwN=1.97
sdE=669.6
fwE=1.77
20250417T130321.0001.fits
SecZ=1.43
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=10.6 11.0 13.6
ALT/AZ=44.4 -87.4
fwAVG=1.85
sdW=1077.5
fwW=1.91
sdS=1263.3
fwS=1.76
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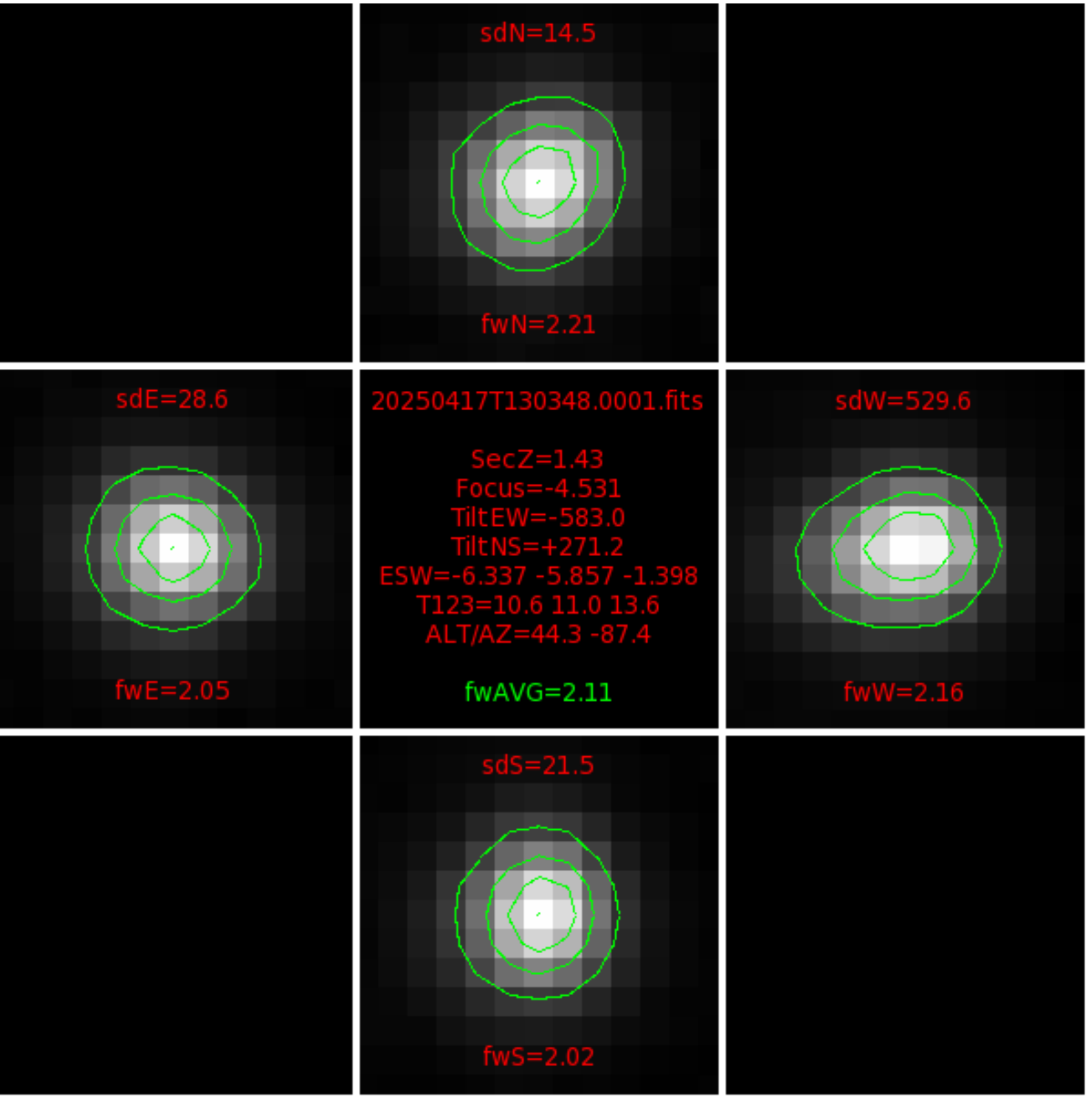
sdN=14.5
fwN=2.21
sdE=28.6
fwE=2.05
20250417T130348.0001.fits
SecZ=1.43
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=10.6 11.0 13.6
ALT/AZ=44.3 -87.4
fwAVG=2.11
sdW=529.6
fwW=2.16
sdS=21.5
fwS=2.02
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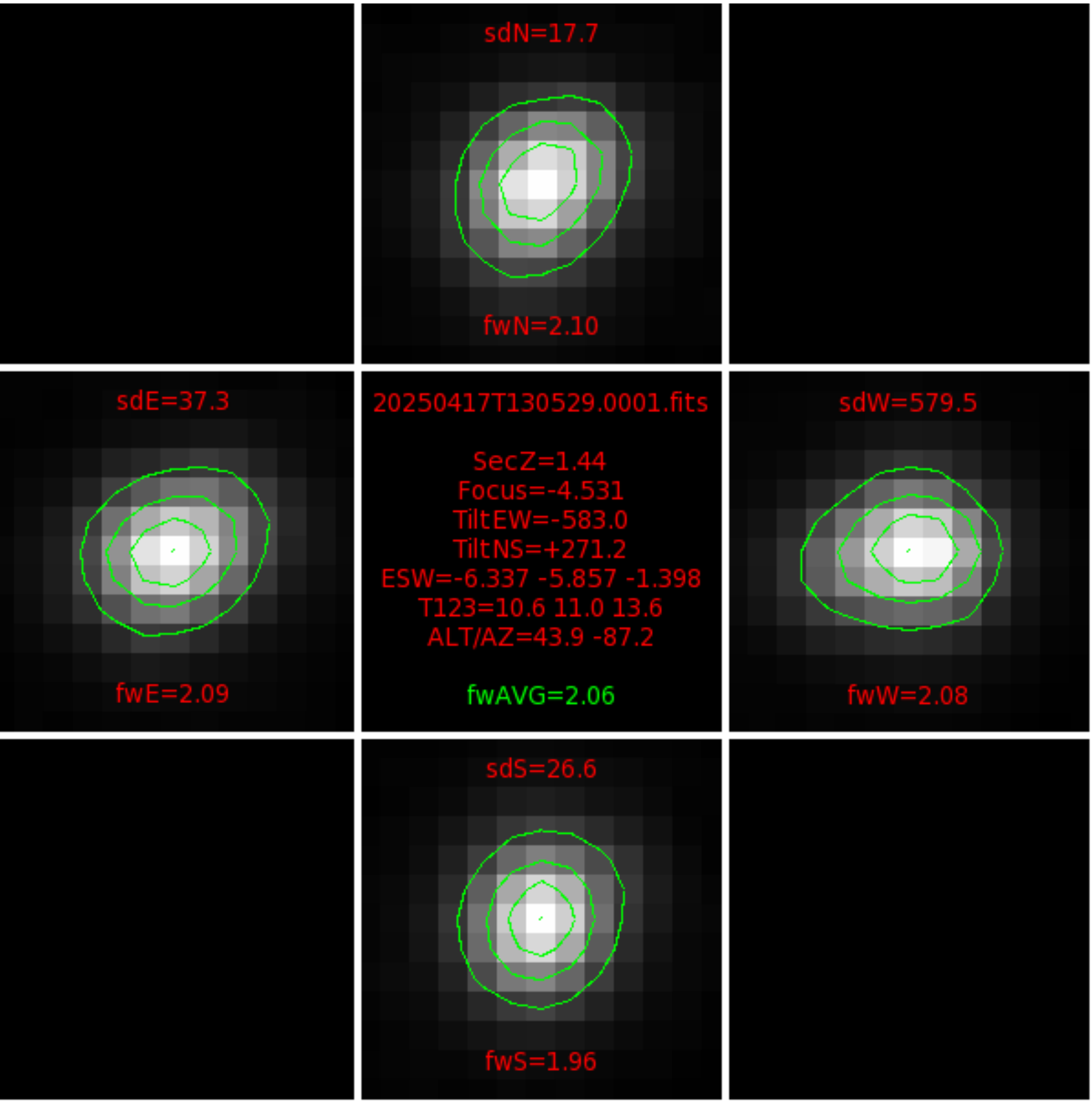
sdN=17.7
fwN=2.10
sdE=37.3
fwE=2.09
20250417T130529.0001.fits
SecZ=1.44
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=10.6 11.0 13.6
ALT/AZ=43.9 -87.2
fwAVG=2.06
sdW=579.5
fwW=2.08
sdS=26.6
fwS=1.96
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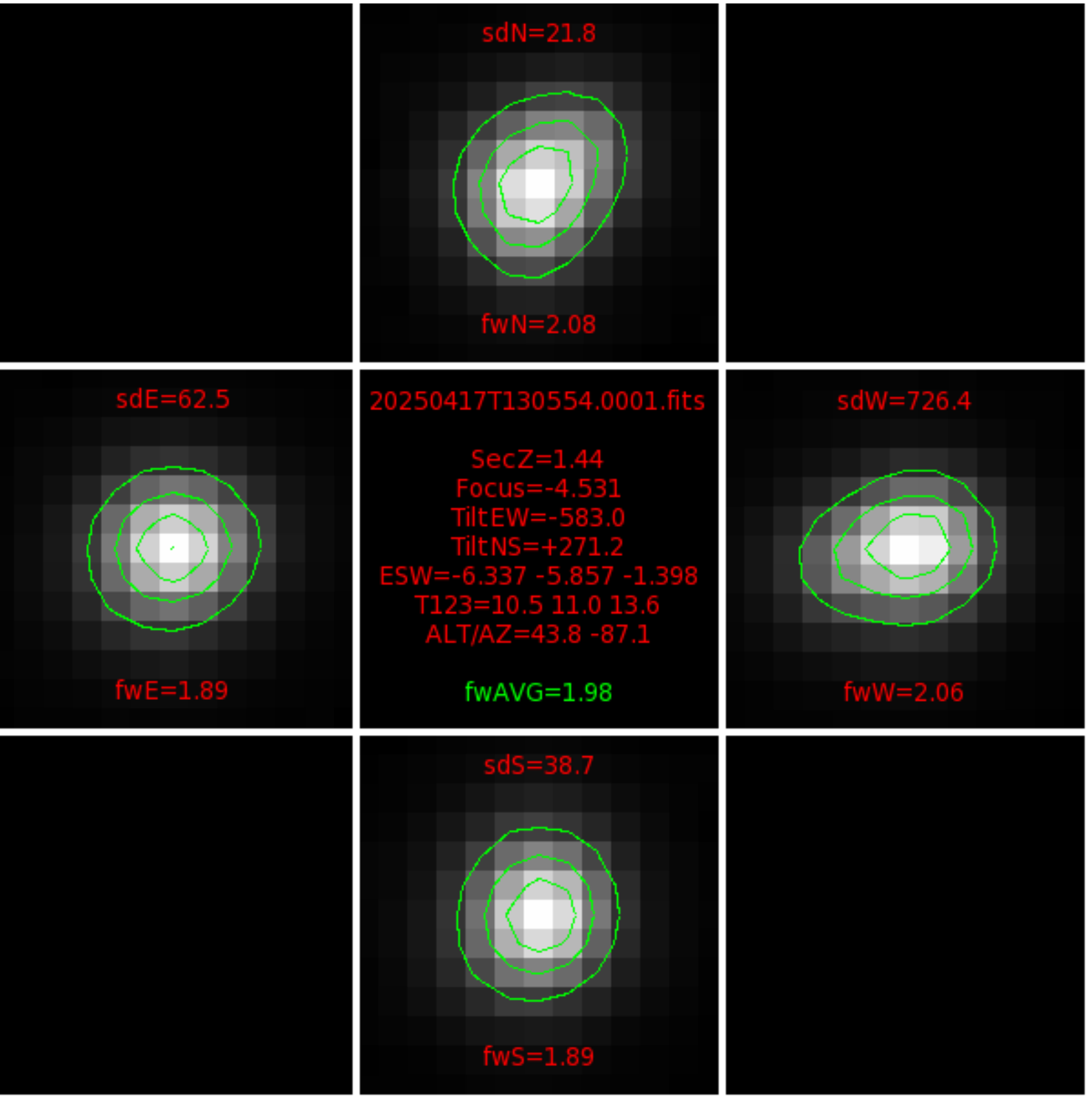
sdN=21.8
fwN=2.08
sdE=62.5
fwE=1.89
20250417T130554.0001.fits
SecZ=1.44
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=10.5 11.0 13.6
ALT/AZ=43.8 -87.1
fwAVG=1.98
sdW=726.4
fwW=2.06
sdS=38.7
fwS=1.89
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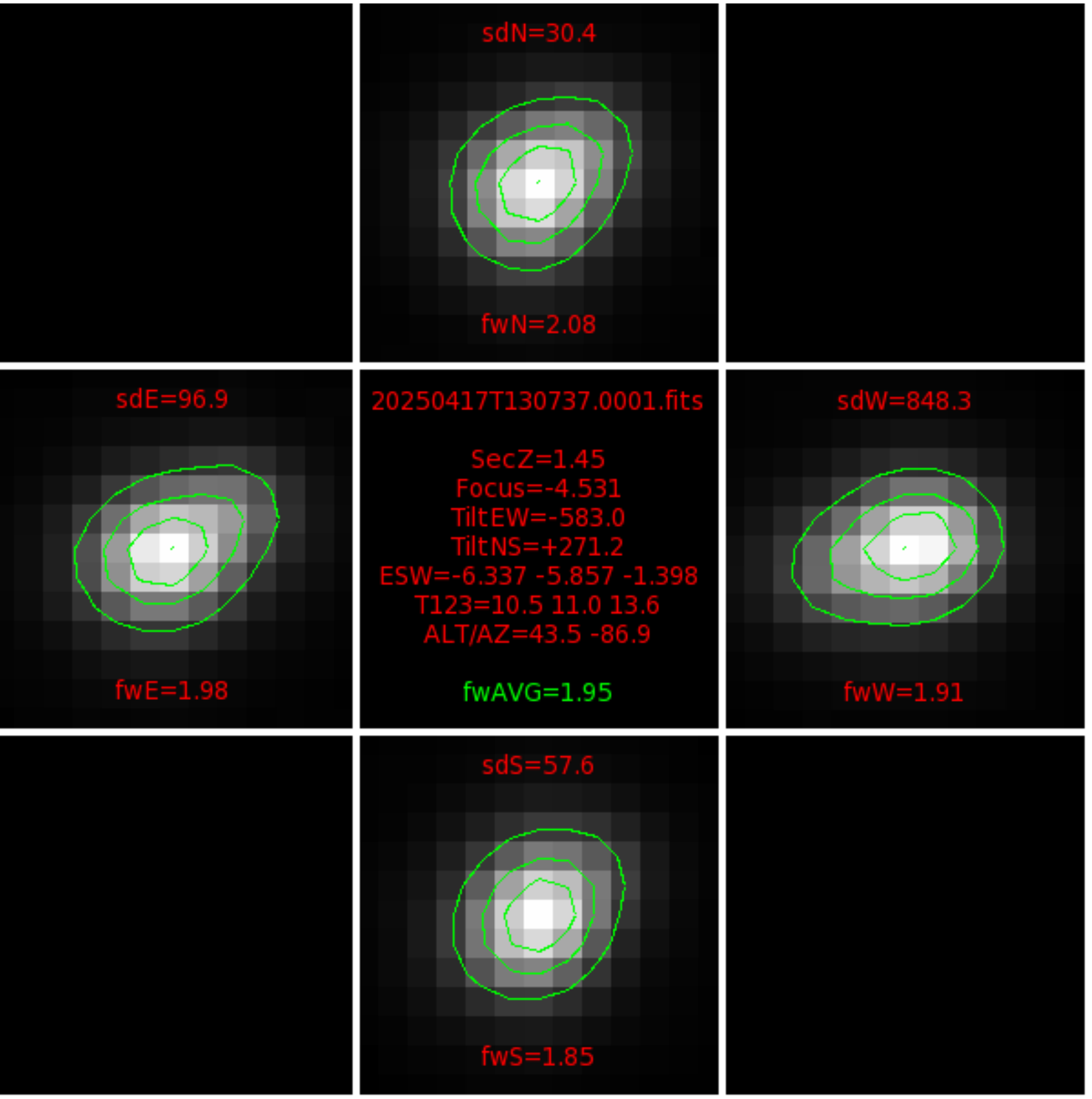
sdN=30.4
fwN=2.08
sdE=96.9
fwE=1.98
20250417T130737.0001.fits
SecZ=1.45
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=10.5 11.0 13.6
ALT/AZ=43.5 -86.9
fwAVG=1.95
sdW=848.3
fwW=1.91
sdS=57.6
fwS=1.85
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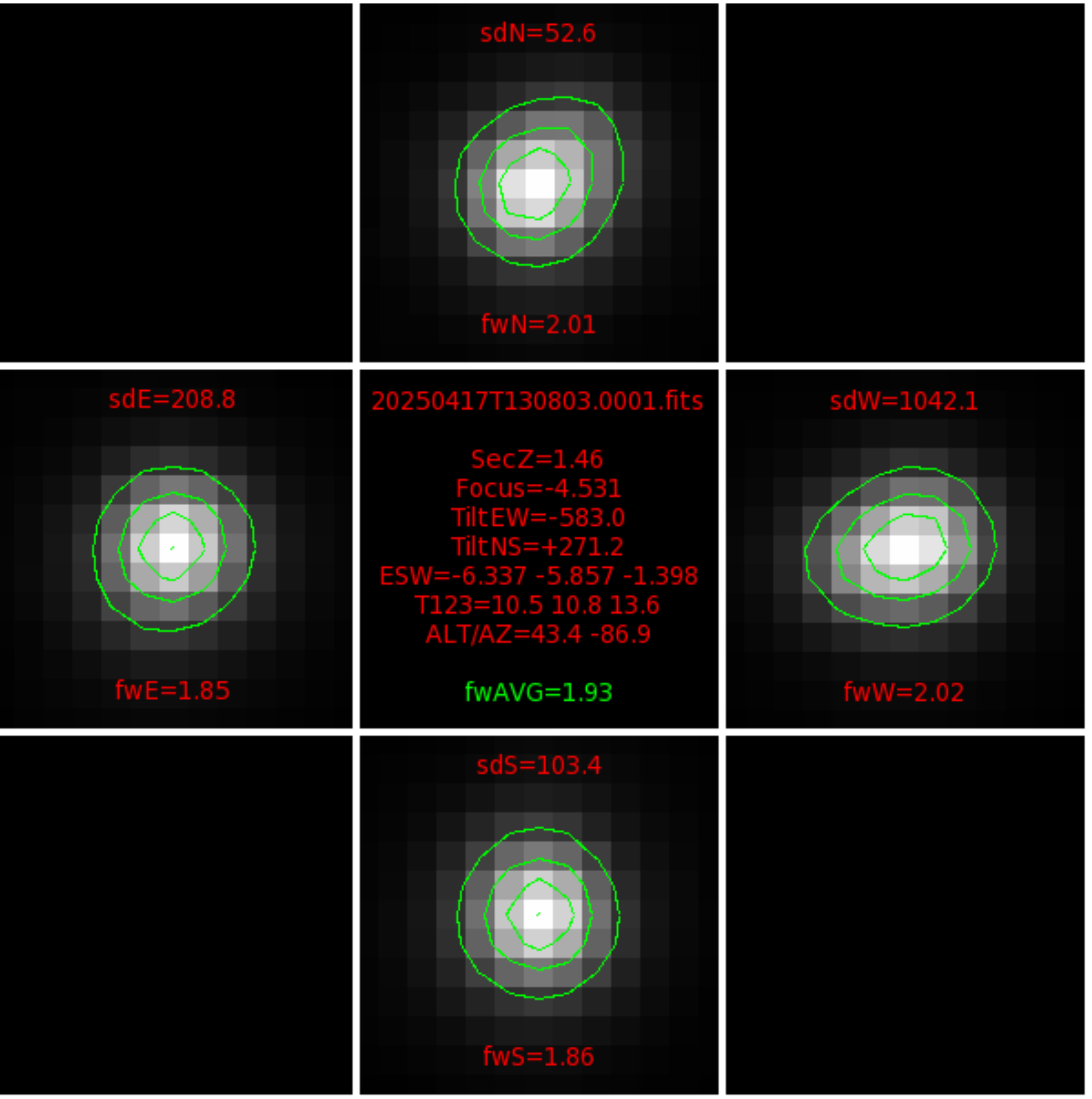
sdN=52.6
fwN=2.01
sdE=208.8
fwE=1.85
20250417T130803.0001.fits
SecZ=1.46
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=10.5 10.8 13.6
ALT/AZ=43.4 -86.9
fwAVG=1.93
sdW=1042.1
fwW=2.02
sdS=103.4
fwS=1.86
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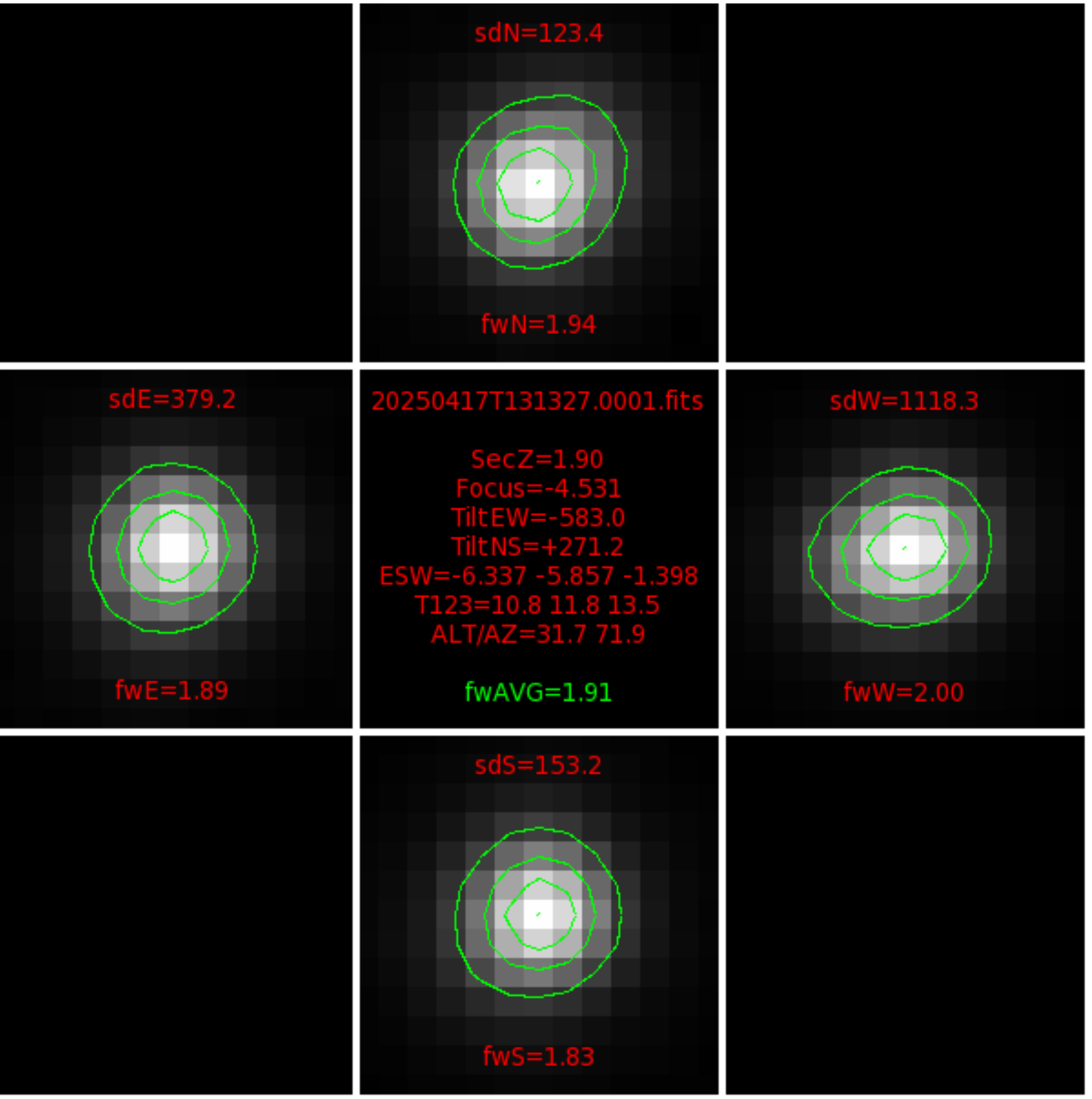
sdN=123.4
fwN=1.94
sdE=379.2
fwE=1.89
20250417T131327.0001.fits
SecZ=1.90
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=10.8 11.8 13.5
ALT/AZ=31.7 71.9
fwAVG=1.91
sdW=1118.3
fwW=2.00
sdS=153.2
fwS=1.83
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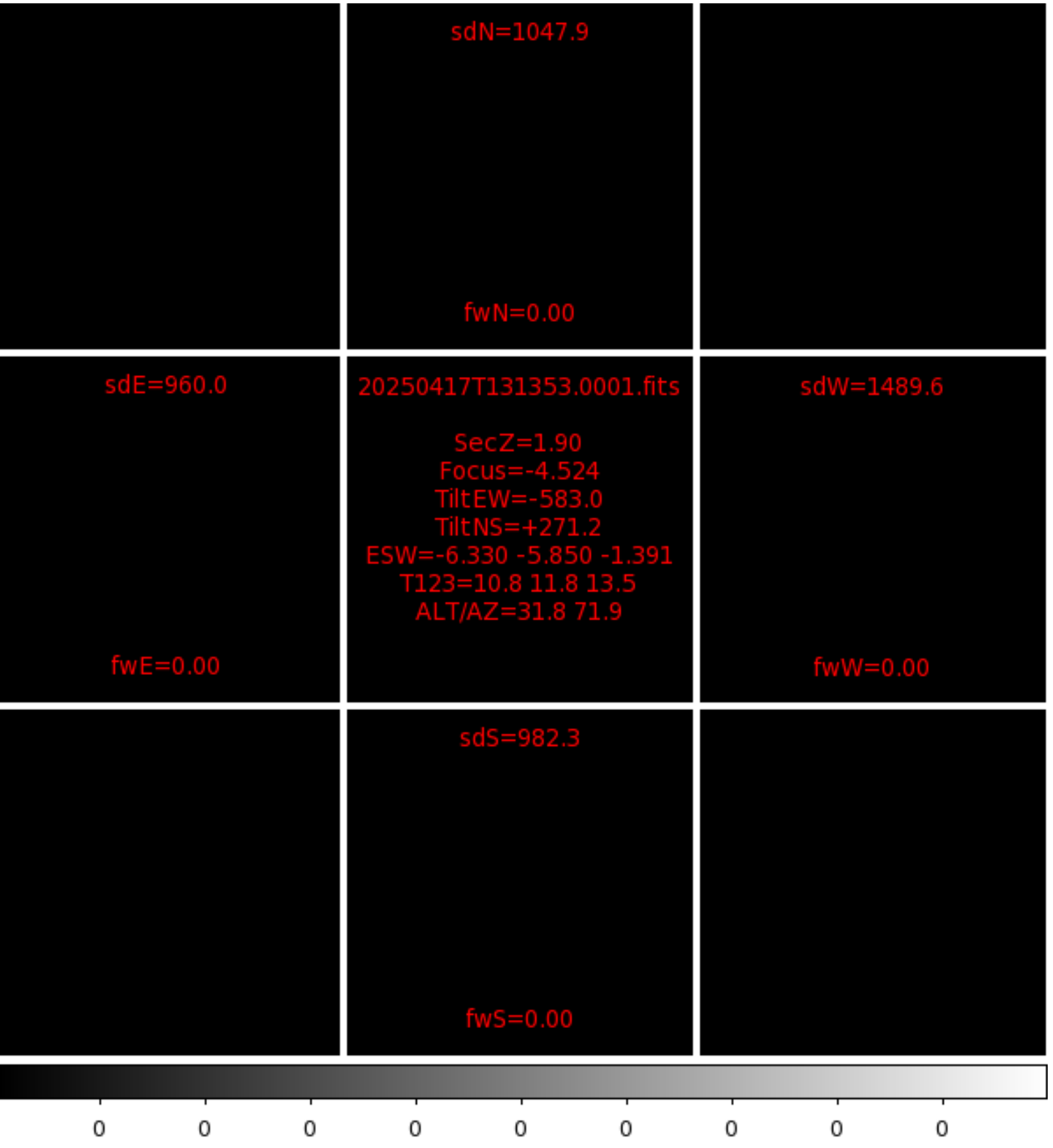
sdN=1047.9
fwN=0.00
sdE=960.0
fwE=0.00
20250417T131353.0001.fits
SecZ=1.90
Focus=-4.524
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.330 -5.850 -1.391
T123=10.8 11.8 13.5
ALT/AZ=31.8 71.9
sdW=1489.6
fwW=0.00
sdS=982.3
fwS=0.00
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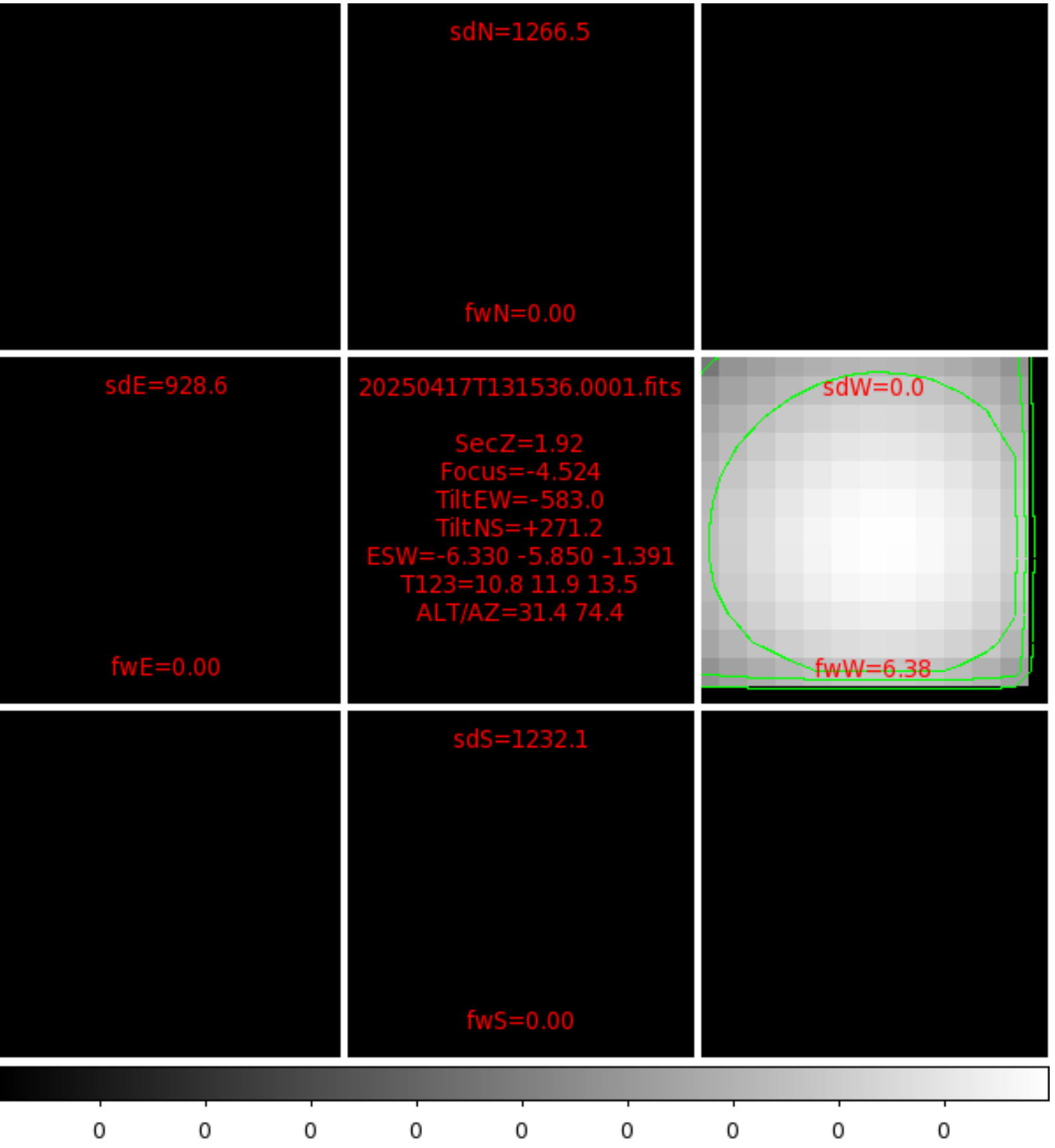
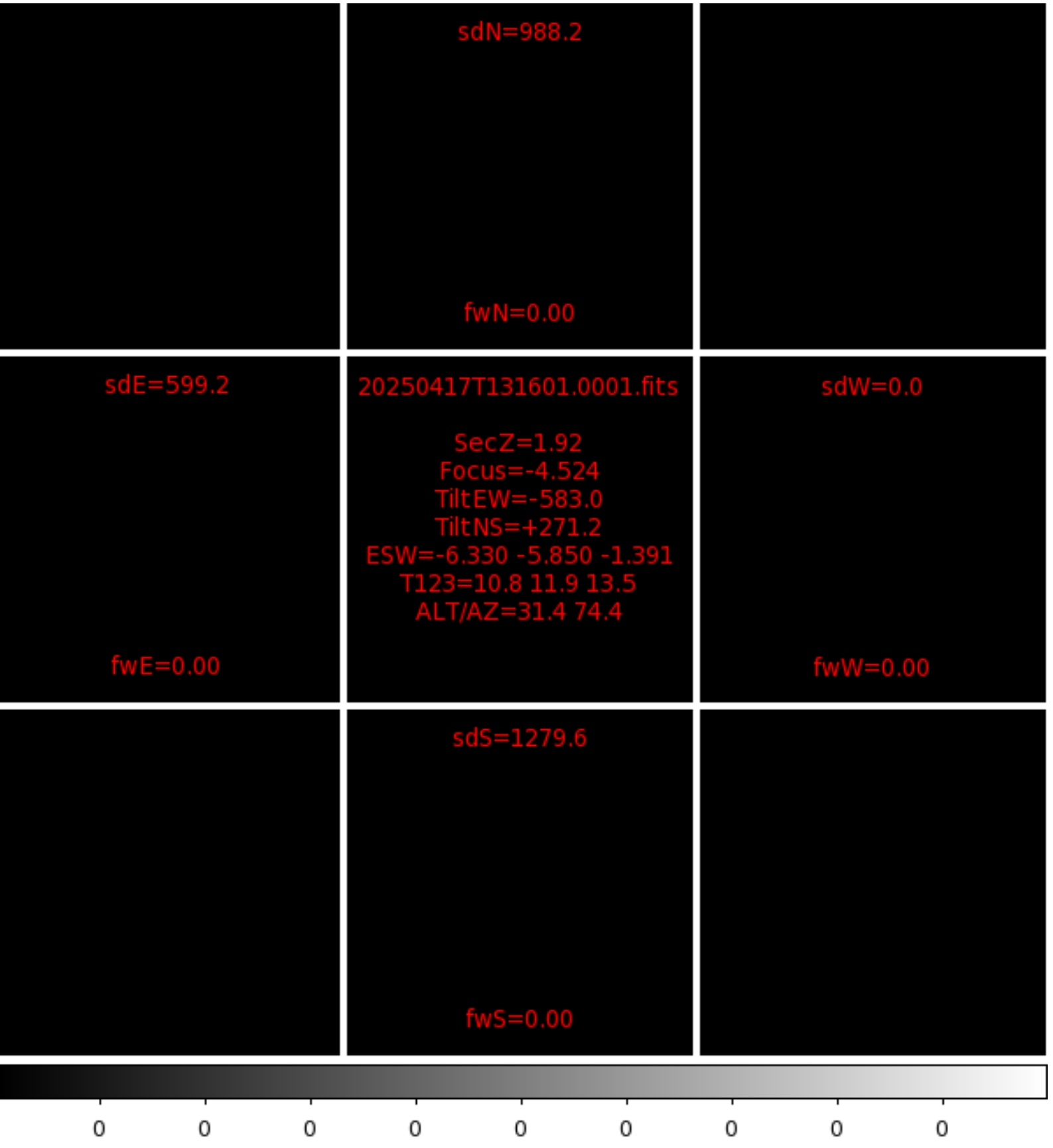
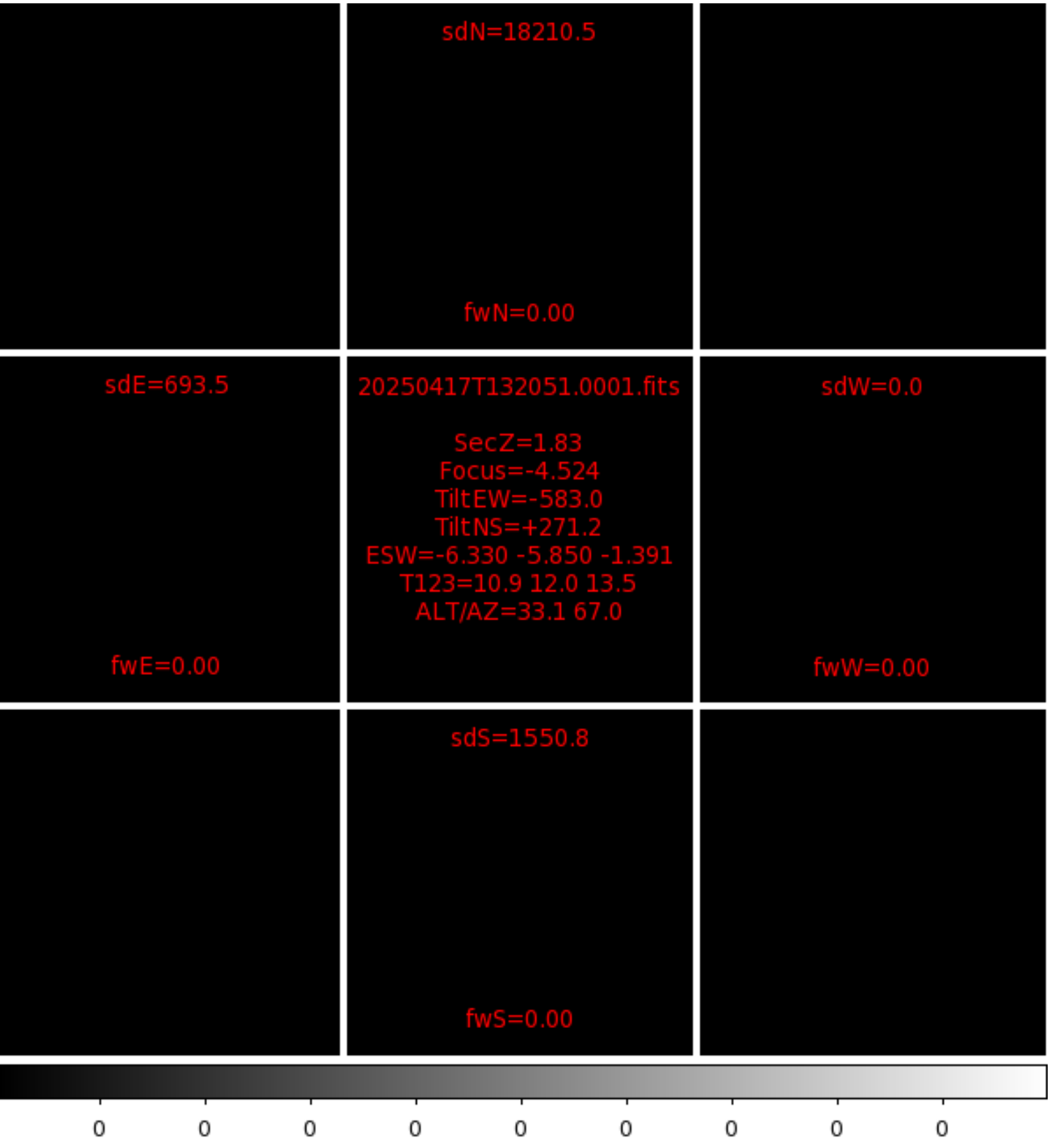

sdN=1266.5
fwN=0.00
sdE=928.6
fwE=0.00
20250417T131536.0001.fits
SecZ=1.92
Focus=-4.524
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.330 -5.850 -1.391
T123=10.8 11.9 13.5
ALT/AZ=31.4 74.4
sdW=0.0
fwW=6.38
sdS=1232.1
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=988.2
fwN=0.00
sdE=599.2
fwE=0.00
20250417T131601.0001.fits
SecZ=1.92
Focus=-4.524
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.330 -5.850 -1.391
T123=10.8 11.9 13.5
ALT/AZ=31.4 74.4
sdW=0.0
fwW=0.00
sdS=1279.6
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=18210.5
fwN=0.00
sdE=693.5
20250417T132051.0001.fits
SecZ=1.83
Focus=-4.524
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.330 -5.850 -1.391
T123=10.9 12.0 13.5
ALT/AZ=33.1 67.0
sdW=0.0
fwE=0.00
fwW=0.00
sdS=1550.8
fwS=0.00
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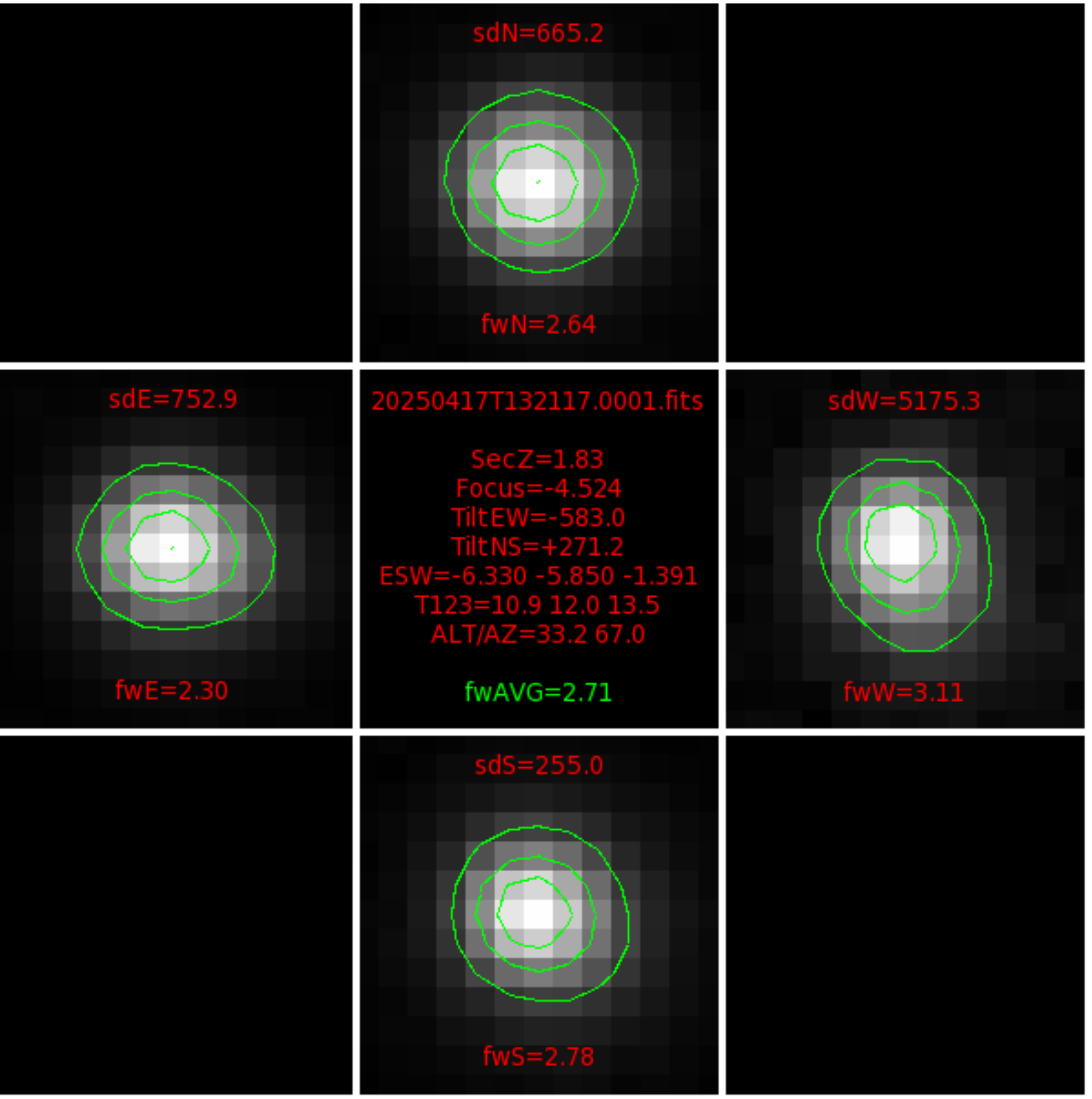
sdN=665.2
fwN=2.64
sdE=752.9
fwE=2.30
20250417T132117.0001.fits
SecZ=1.83
Focus=-4.524
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.330 -5.850 -1.391
T123=10.9 12.0 13.5
ALT/AZ=33.2 67.0
fwAVG=2.71
sdW=5175.3
fwW=3.11
sdS=255.0
fwS=2.78
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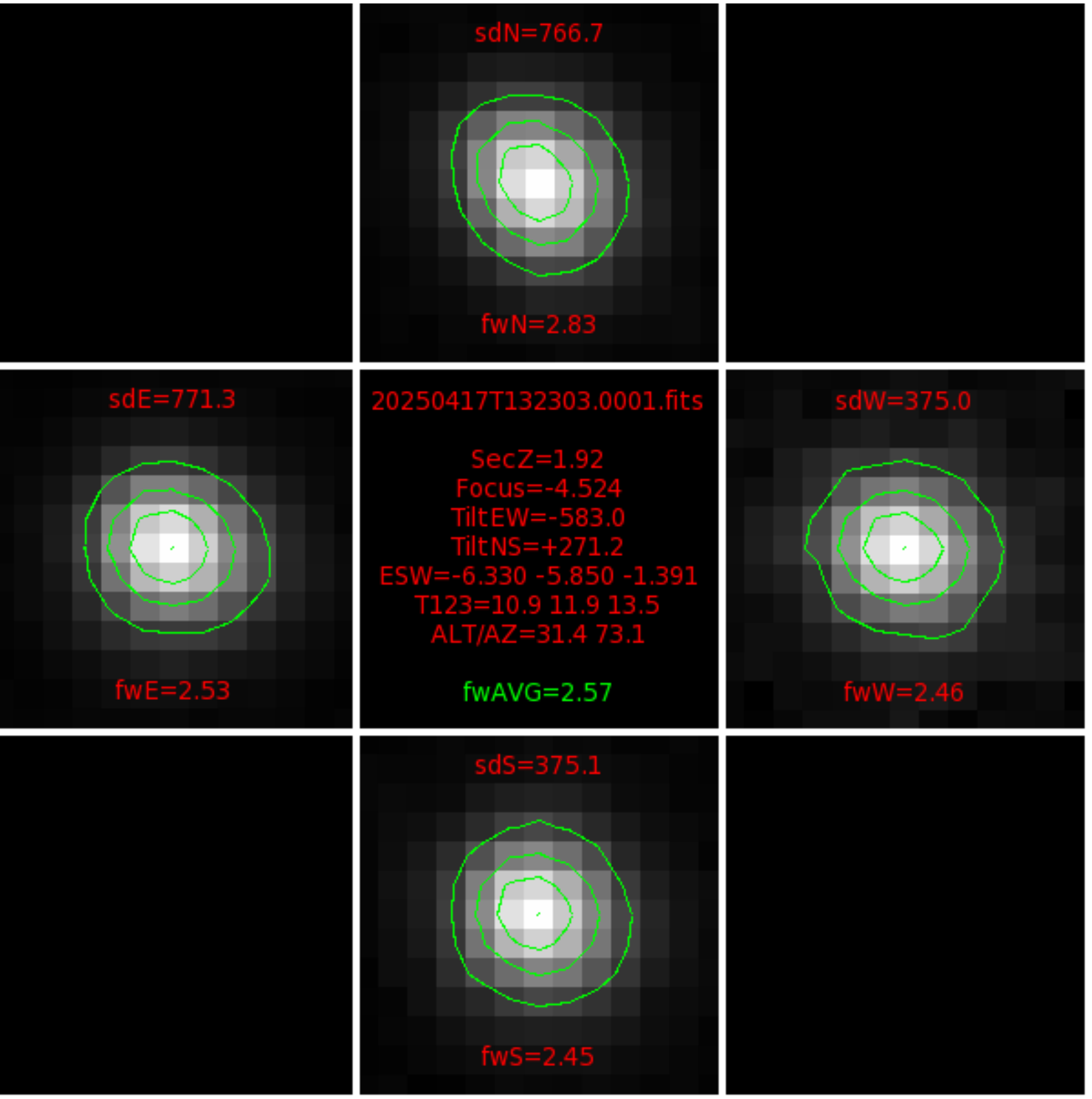
sdN=766.7
fwN=2.83
sdE=771.3
fwE=2.53
20250417T132303.0001.fits
SecZ=1.92
Focus=-4.524
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.330 -5.850 -1.391
T123=10.9 11.9 13.5
ALT/AZ=31.4 73.1
fwAVG=2.57
sdW=375.0
fwW=2.46
sdS=375.1
fwS=2.45
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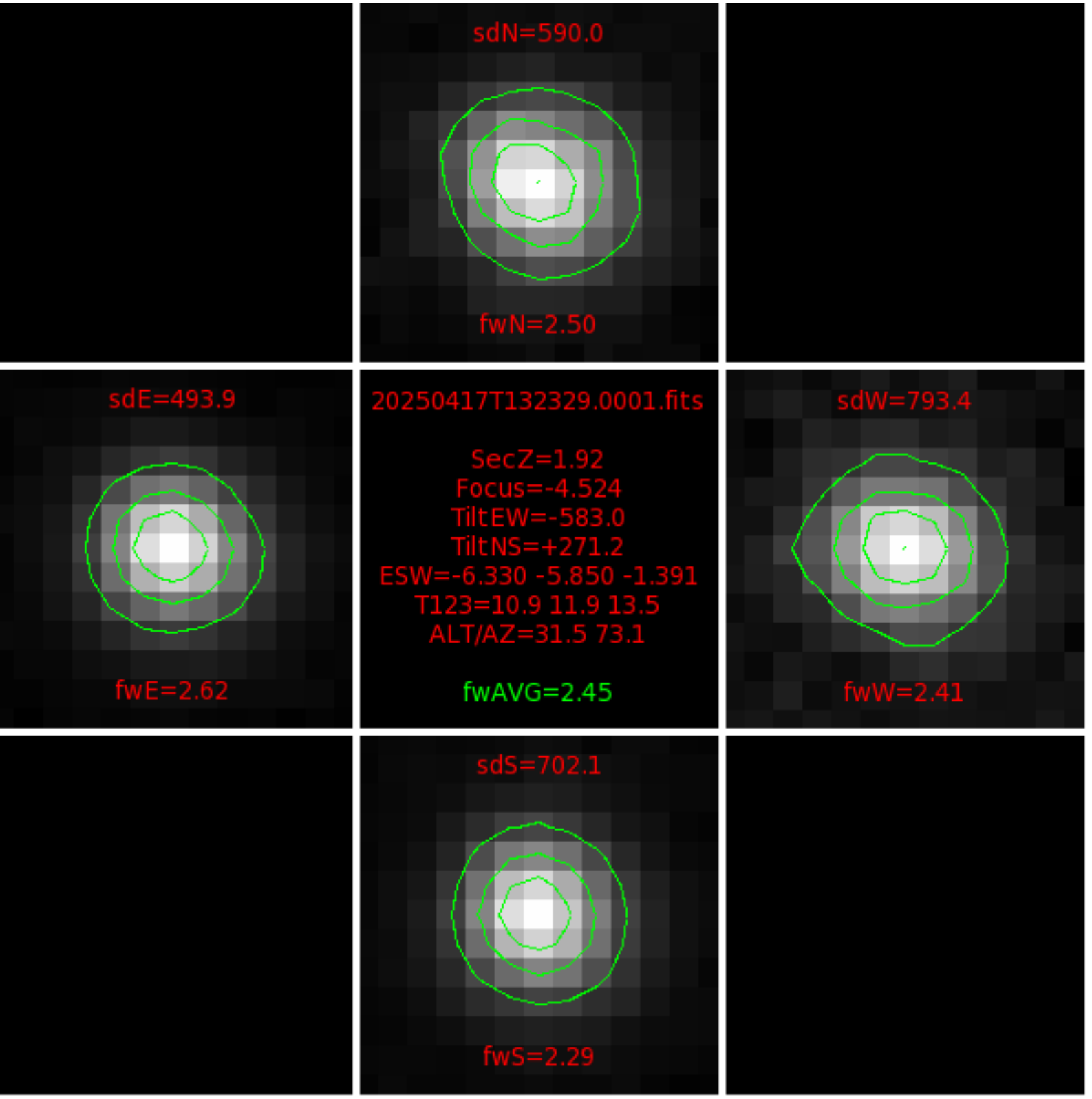
sdN=590.0
fwN=2.50
sdE=493.9
fwE=2.62
20250417T132329.0001.fits
SecZ=1.92
Focus=-4.524
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.330 -5.850 -1.391
T123=10.9 11.9 13.5
ALT/AZ=31.5 73.1
fwAVG=2.45
sdW=793.4
fwW=2.41
sdS=702.1
fwS=2.29
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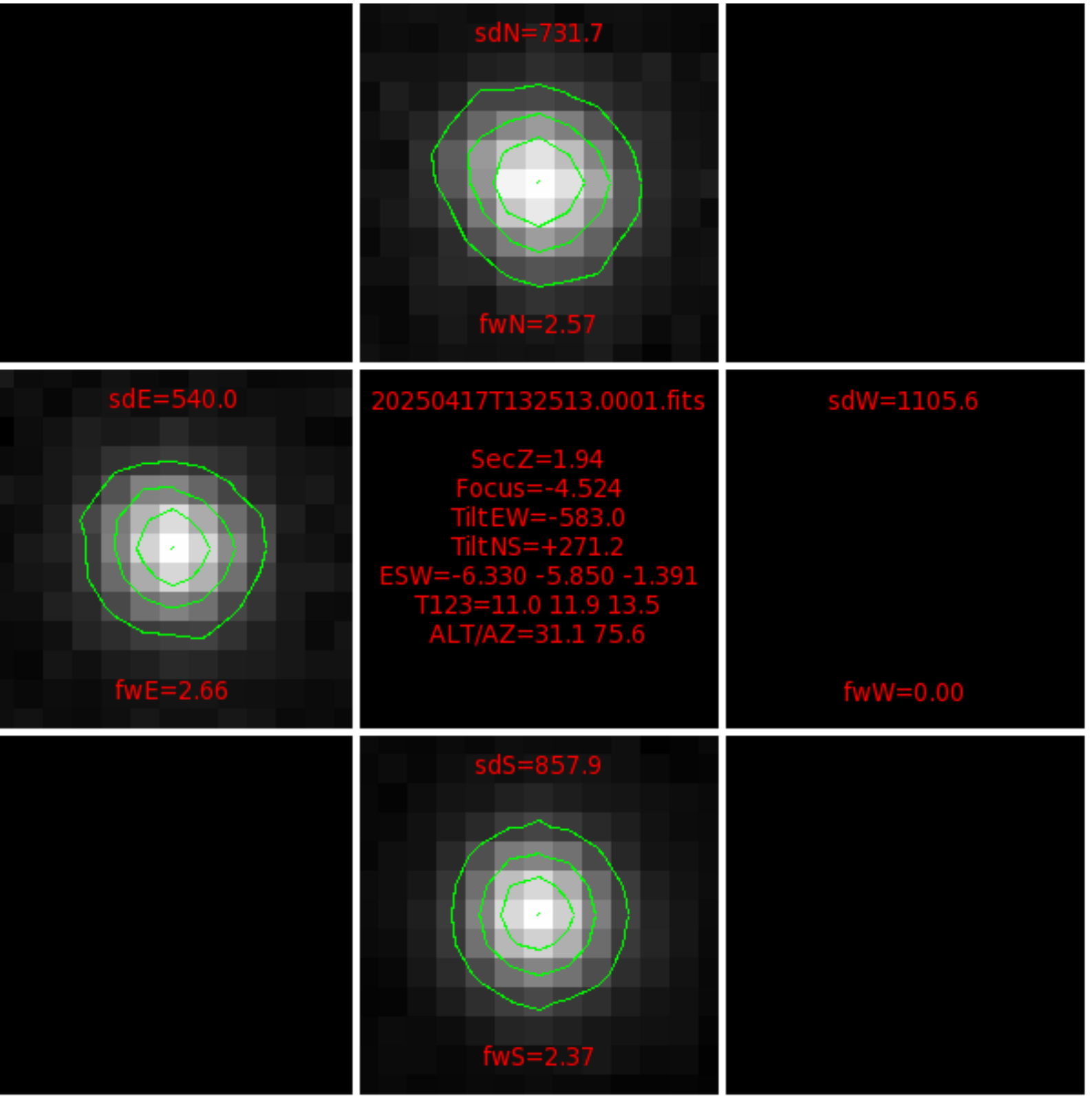
sdN=731.7
fwN=2.57
sdE=540.0
fwE=2.66
20250417T132513.0001.fits
SecZ=1.94
Focus=-4.524
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.330 -5.850 -1.391
T123=11.0 11.9 13.5
ALT/AZ=31.1 75.6
sdW=1105.6
fwW=0.00
sdS=857.9
fwS=2.37
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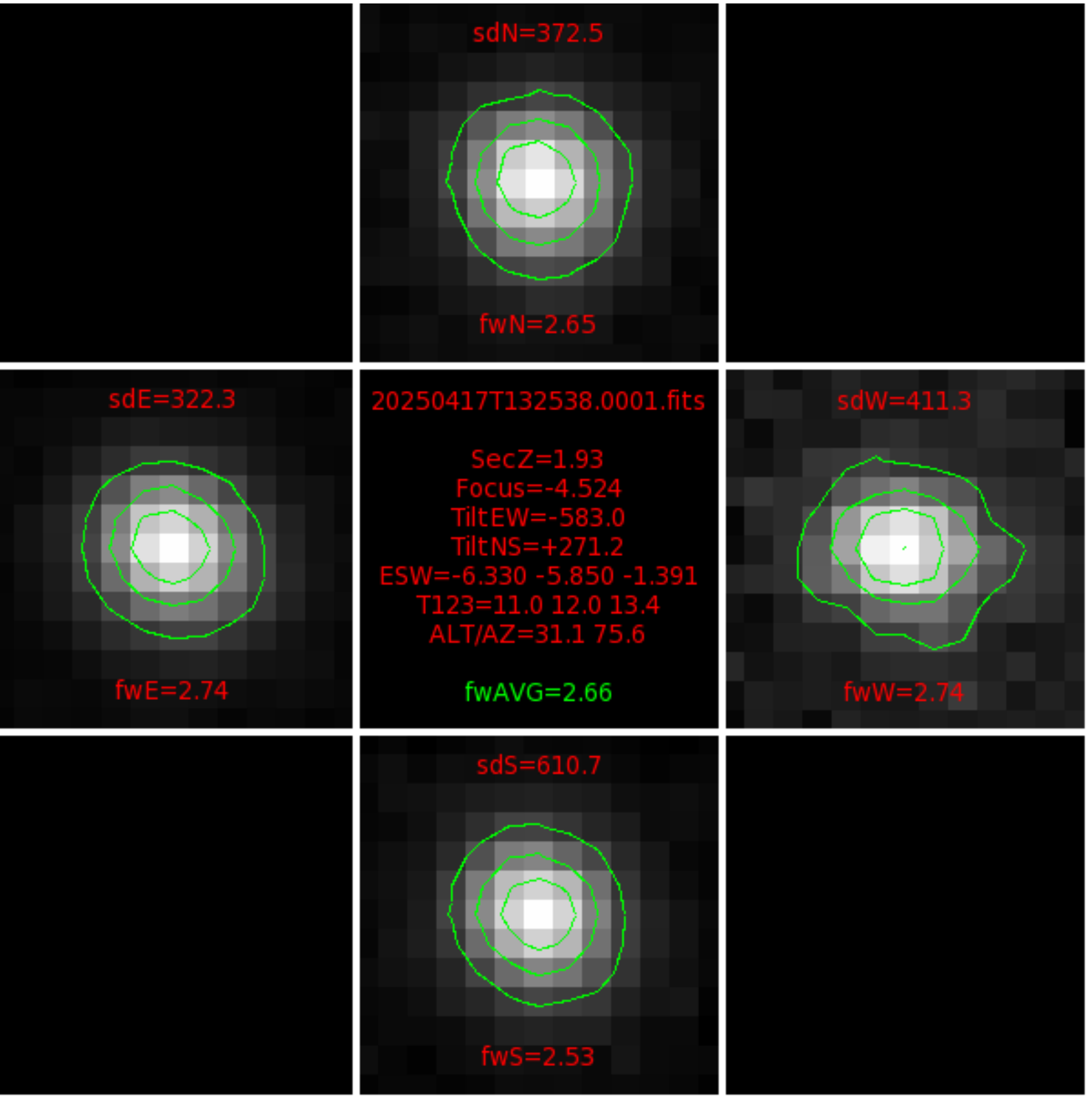
sdN=372.5
fwN=2.65
sdE=322.3
fwE=2.74
20250417T132538.0001.fits
SecZ=1.93
Focus=-4.524
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.330 -5.850 -1.391
T123=11.0 12.0 13.4
ALT/AZ=31.1 75.6
fwAVG=2.66
sdW=411.3
fwW=2.74
sdS=610.7
fwS=2.53
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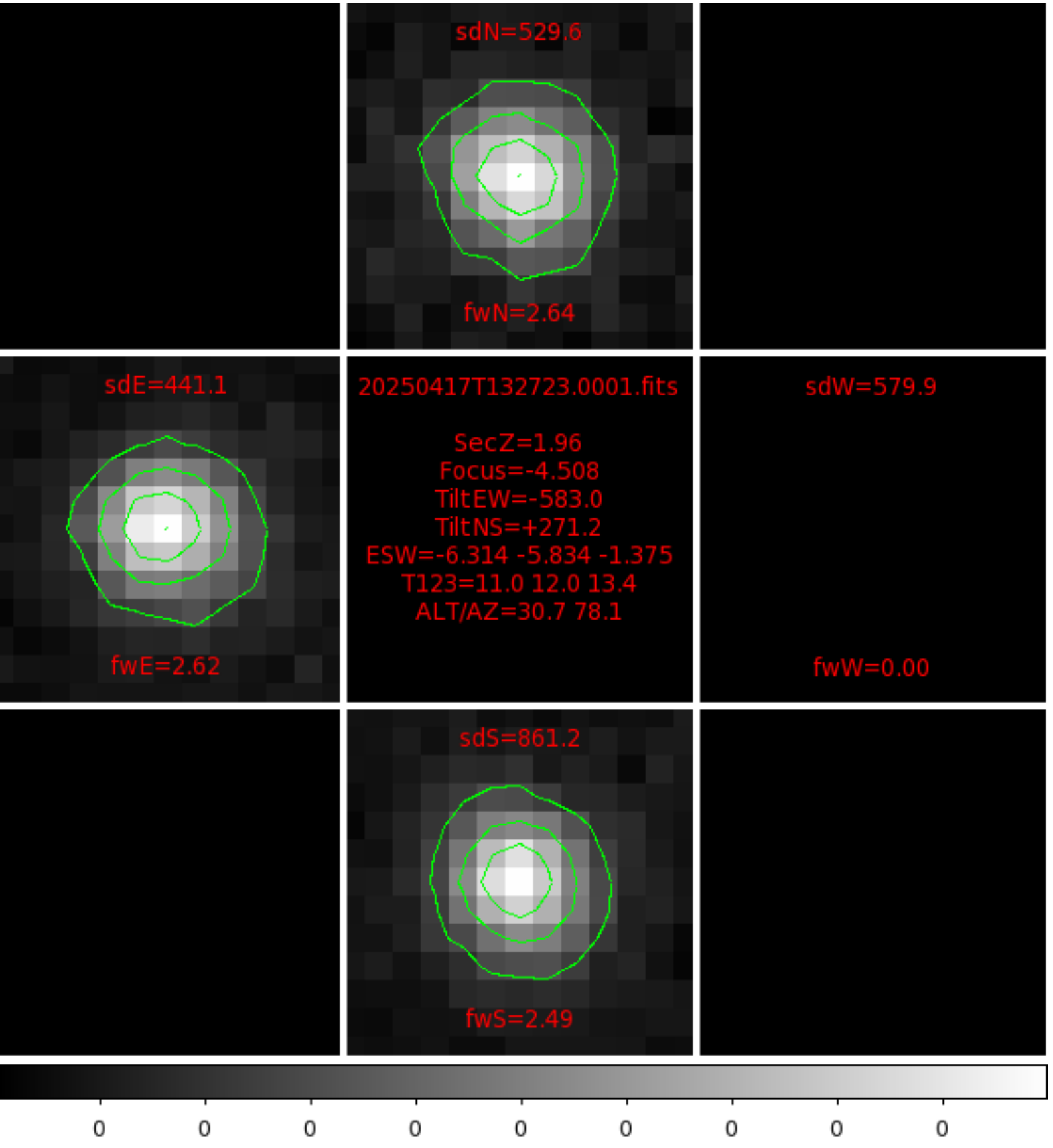
sdN=529.6
fwN=2.64
sdE=441.1
fwE=2.62
20250417T132723.0001.fits
SecZ=1.96
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=11.0 12.0 13.4
ALT/AZ=30.7 78.1
sdW=579.9
fwW=0.00
sdS=861.2
fwS=2.49
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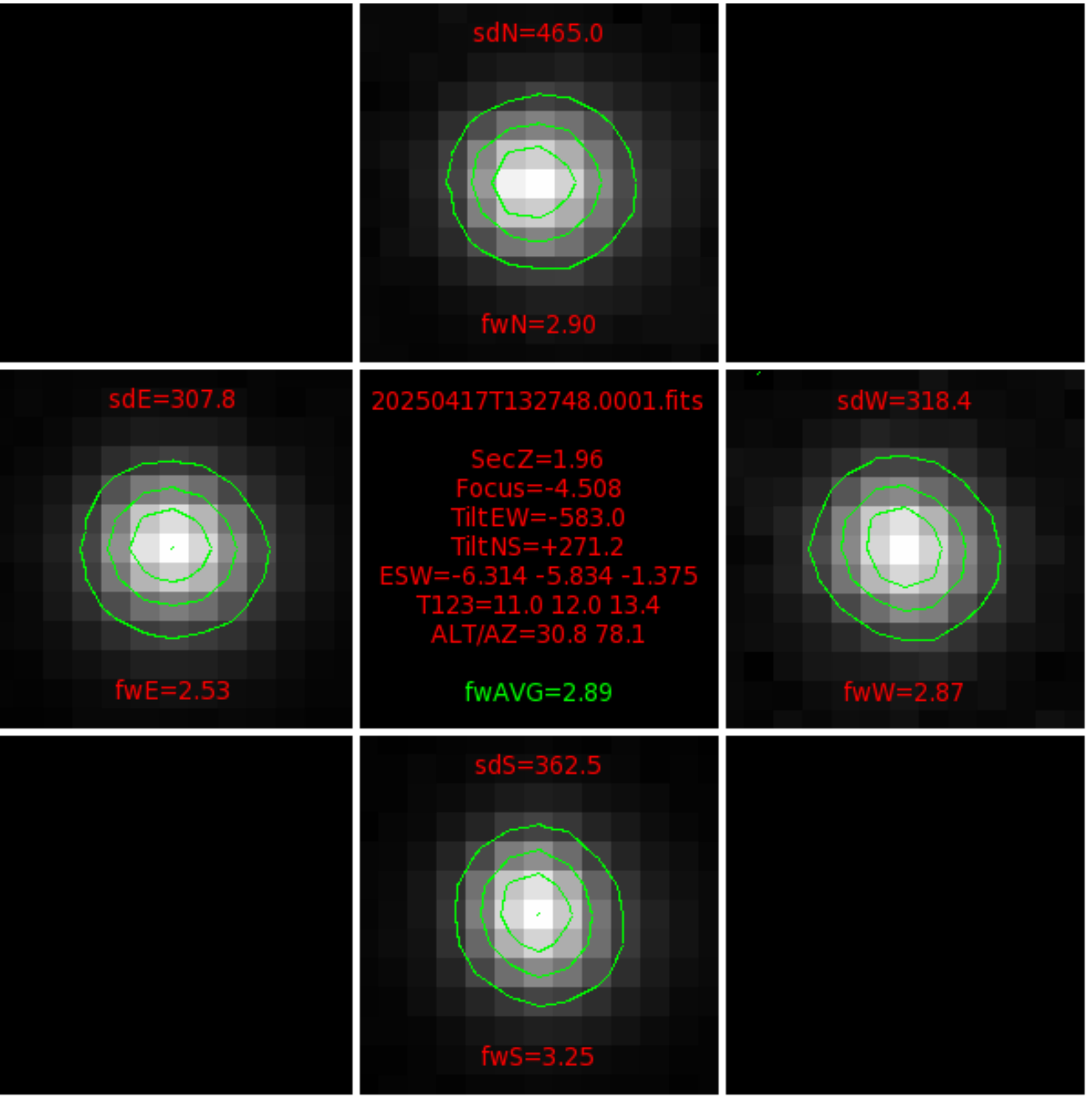
sdN=465.0
fwN=2.90
sdE=307.8
fwE=2.53
20250417T132748.0001.fits
SecZ=1.96
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=11.0 12.0 13.4
ALT/AZ=30.8 78.1
fwAVG=2.89
sdW=318.4
fwW=2.87
sdS=362.5
fwS=3.25
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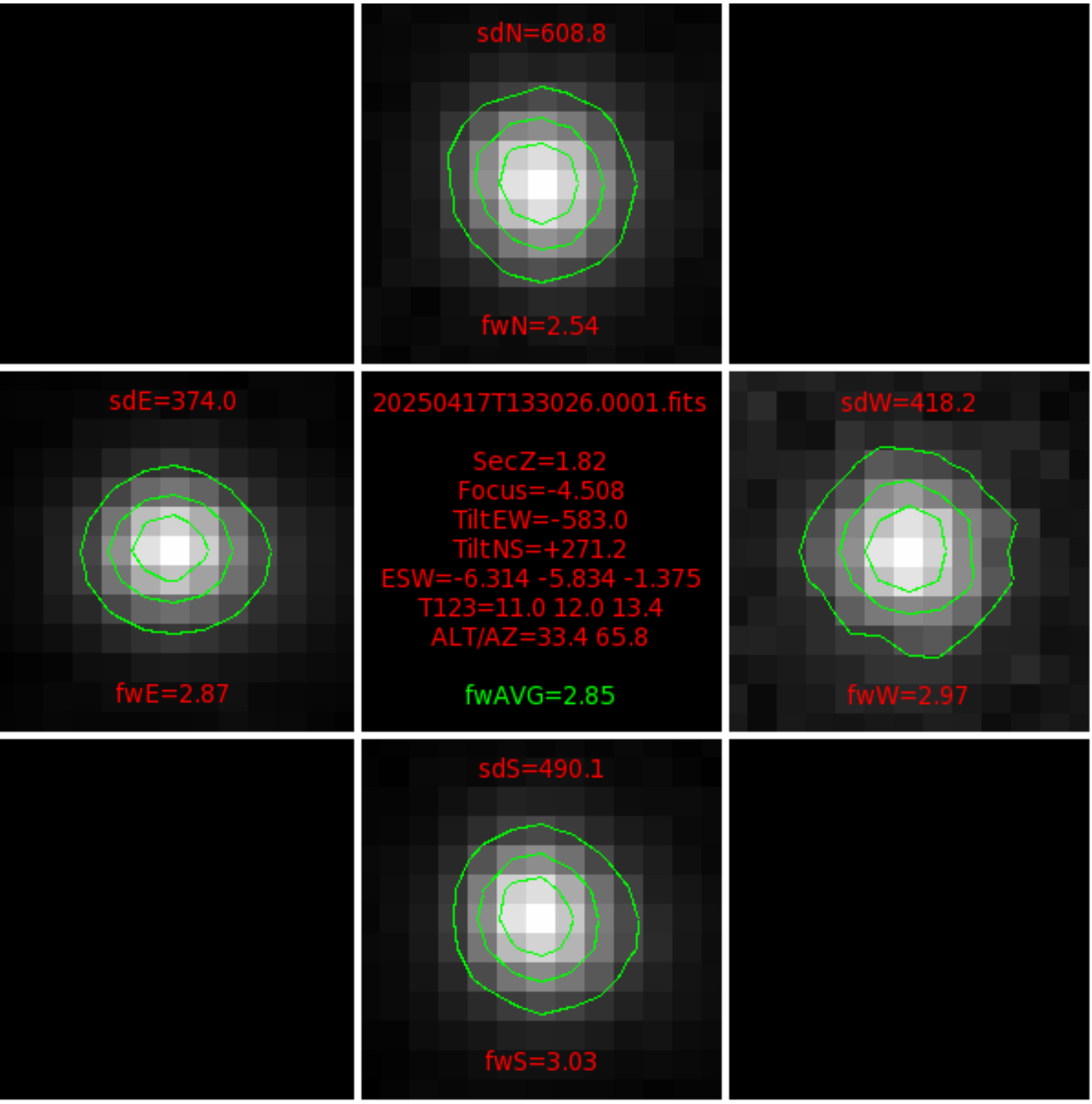
sdN=608.8
fwN=2.54
sdE=374.0
fwE=2.87
20250417T133026.0001.fits
SecZ=1.82
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=11.0 12.0 13.4
ALT/AZ=33.4 65.8
fwAVG=2.85
sdW=418.2
fwW=2.97
sdS=490.1
fwS=3.03
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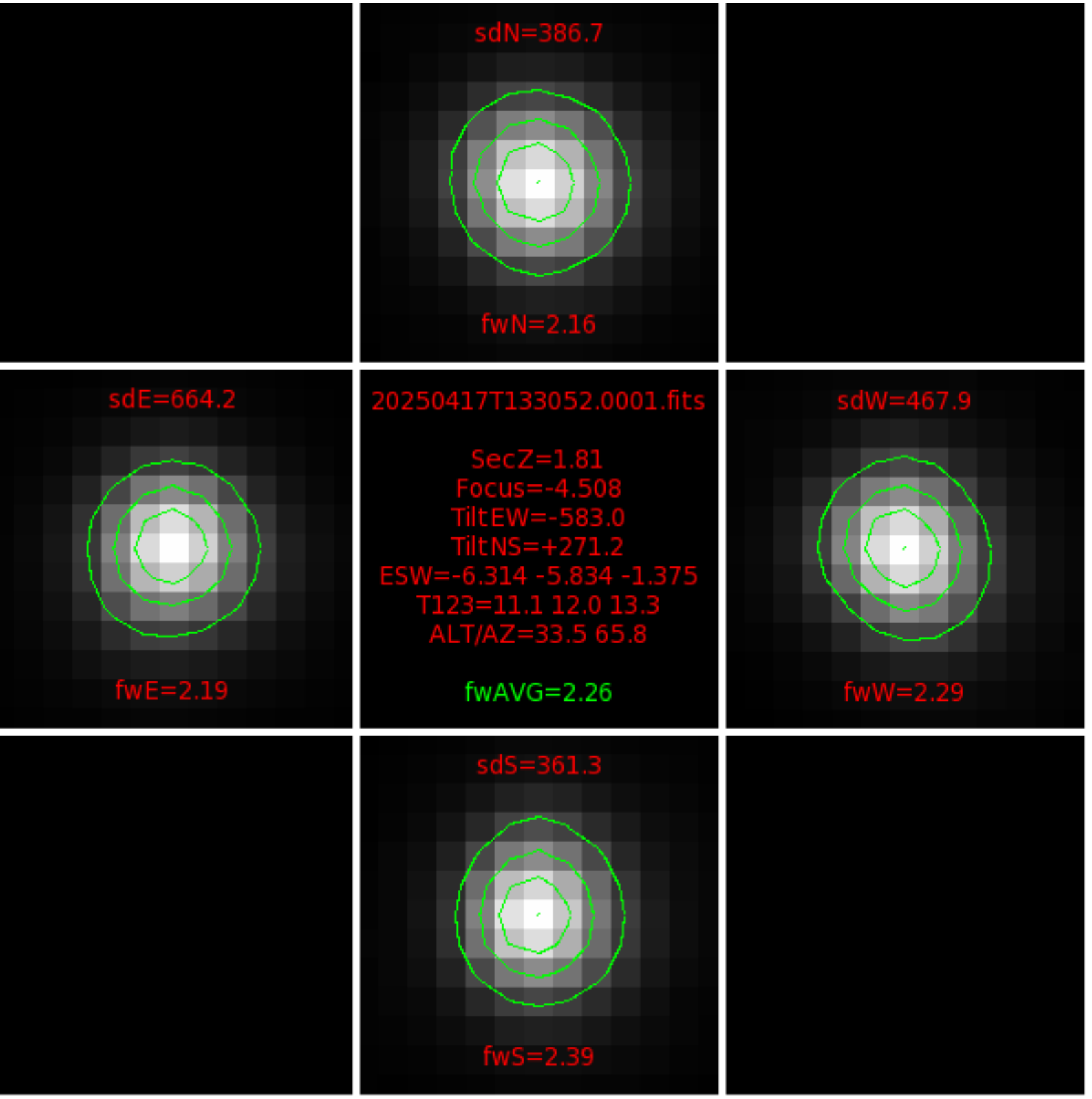
sdN=386.7
fwN=2.16
sdE=664.2
fwE=2.19
20250417T133052.0001.fits
SecZ=1.81
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=11.1 12.0 13.3
ALT/AZ=33.5 65.8
fwAVG=2.26
sdW=467.9
fwW=2.29
sdS=361.3
fwS=2.39
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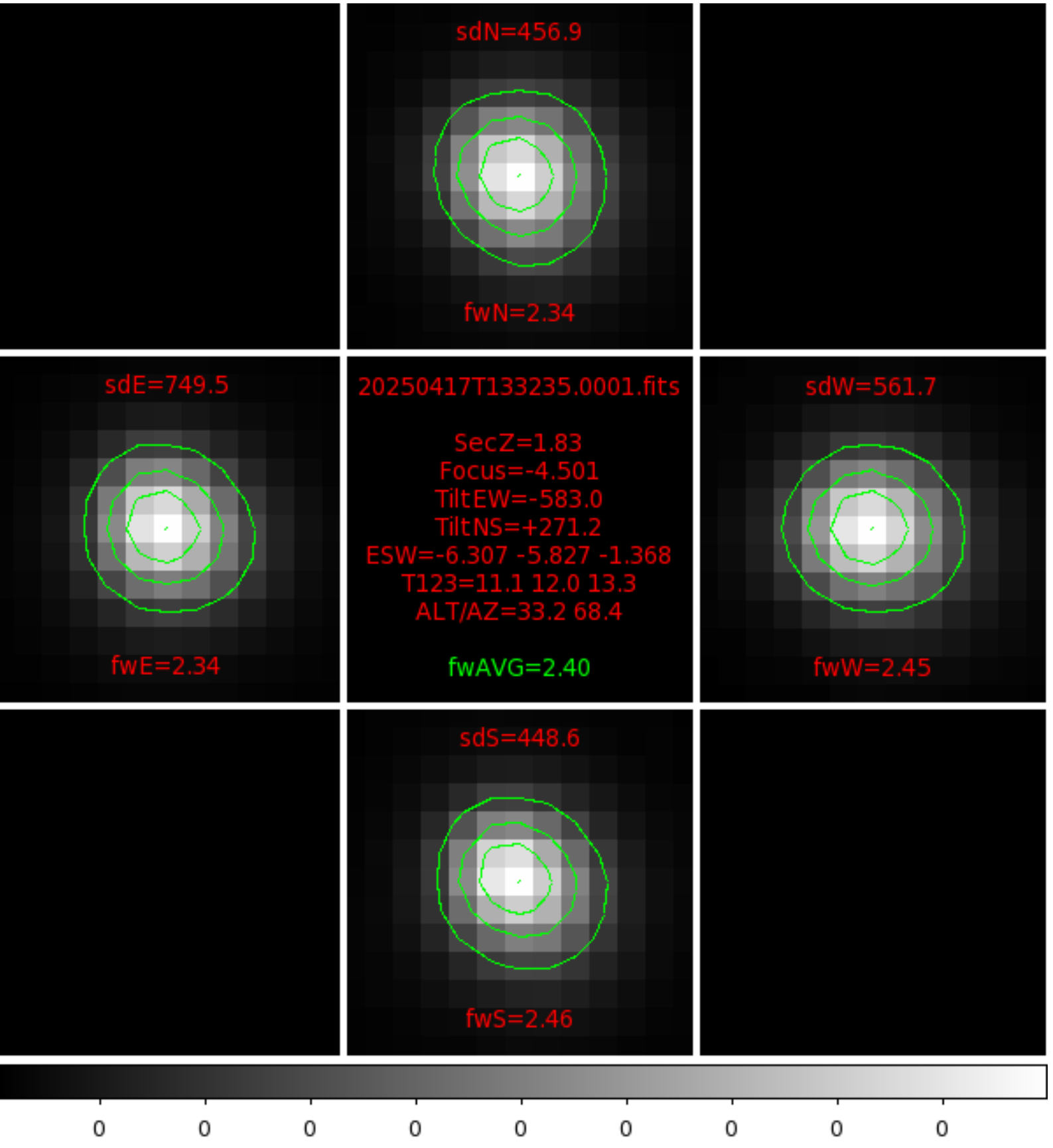
sdN=456.9
fwN=2.34
sdE=749.5
fwE=2.34
20250417T133235.0001.fits
SecZ=1.83
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=11.1 12.0 13.3
ALT/AZ=33.2 68.4
fwAVG=2.40
sdW=561.7
fwW=2.45
sdS=448.6
fwS=2.46
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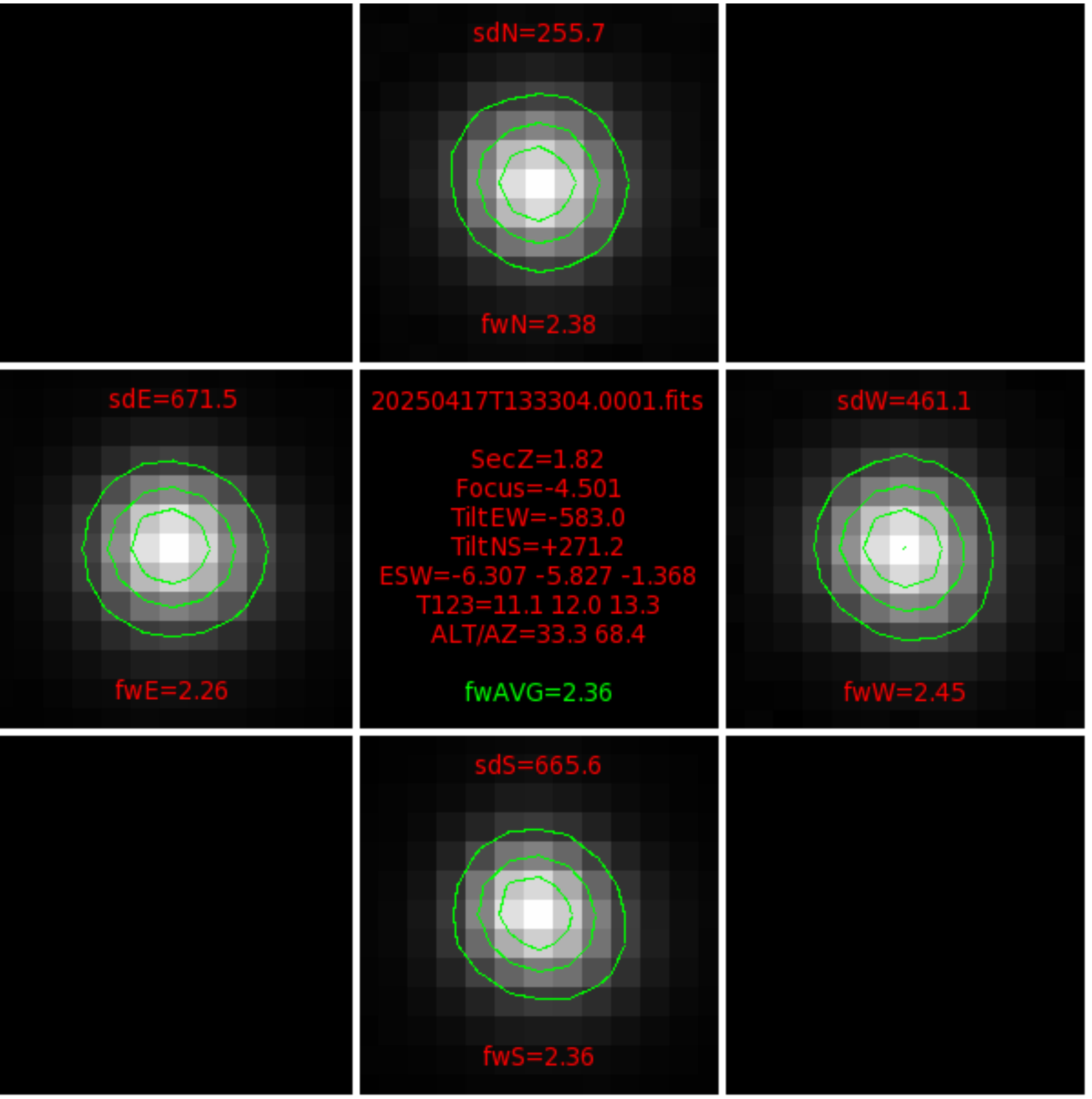
sdN=255.7
fwN=2.38
sdE=671.5
fwE=2.26
20250417T133304.0001.fits
SecZ=1.82
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=11.1 12.0 13.3
ALT/AZ=33.3 68.4
fwAVG=2.36
sdW=461.1
fwW=2.45
sdS=665.6
fwS=2.36
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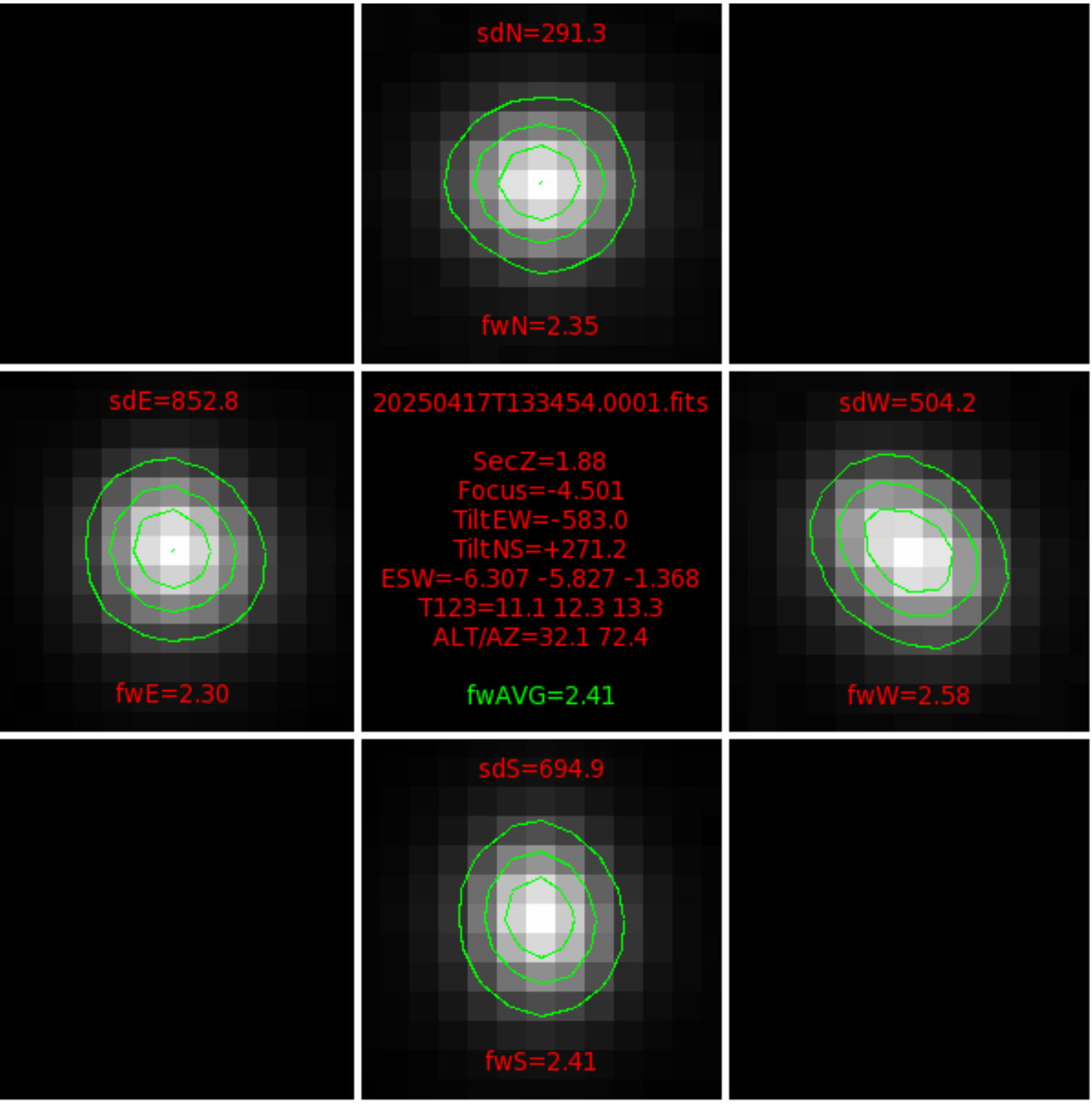
sdN=291.3
fwN=2.35
sdE=852.8
fwE=2.30
20250417T133454.0001.fits
SecZ=1.88
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=11.1 12.3 13.3
ALT/AZ=32.1 72.4
fwAVG=2.41
sdW=504.2
fwW=2.58
sdS=694.9
fwS=2.41
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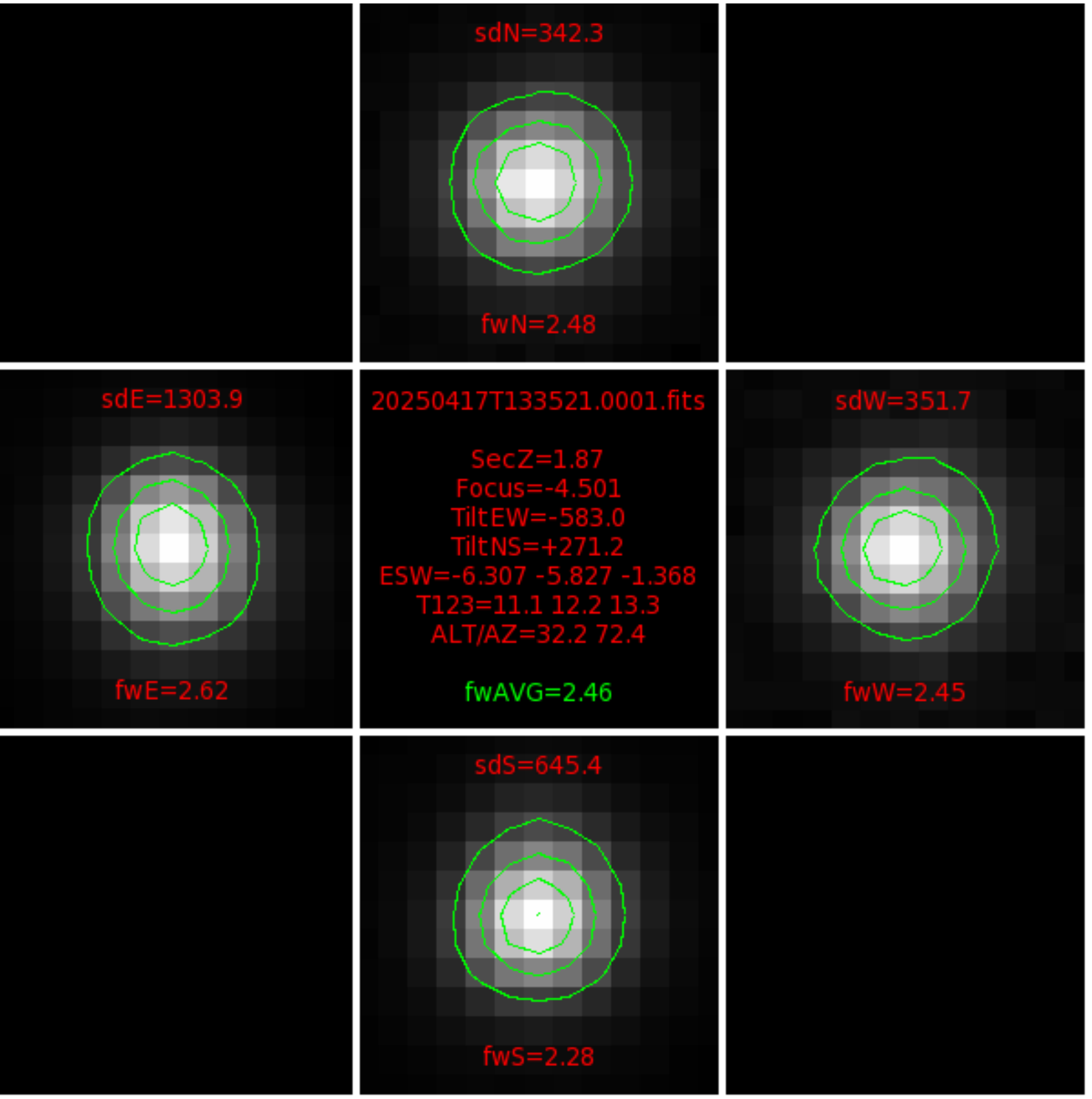
sdN=342.3
fwN=2.48
sdE=1303.9
fwE=2.62
20250417T133521.0001.fits
SecZ=1.87
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=11.1 12.2 13.3
ALT/AZ=32.2 72.4
fwAVG=2.46
sdW=351.7
fwW=2.45
sdS=645.4
fwS=2.28
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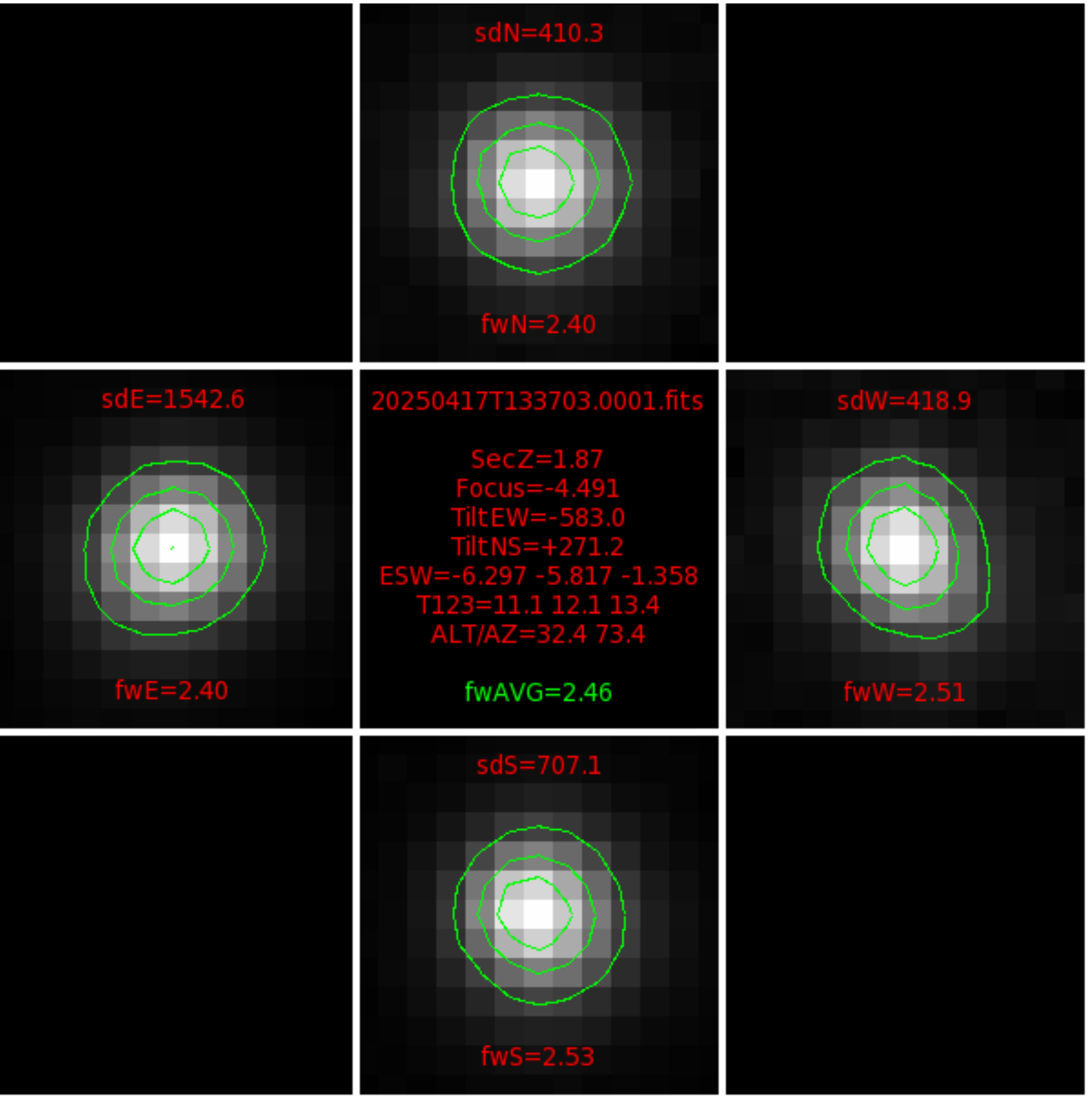
sdN=410.3
fwN=2.40
sdE=1542.6
fwE=2.40
20250417T133703.0001.fits
SecZ=1.87
Focus=-4.491
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.297 -5.817 -1.358
T123=11.1 12.1 13.4
ALT/AZ=32.4 73.4
fwAVG=2.46
sdW=418.9
fwW=2.51
sdS=707.1
fwS=2.53
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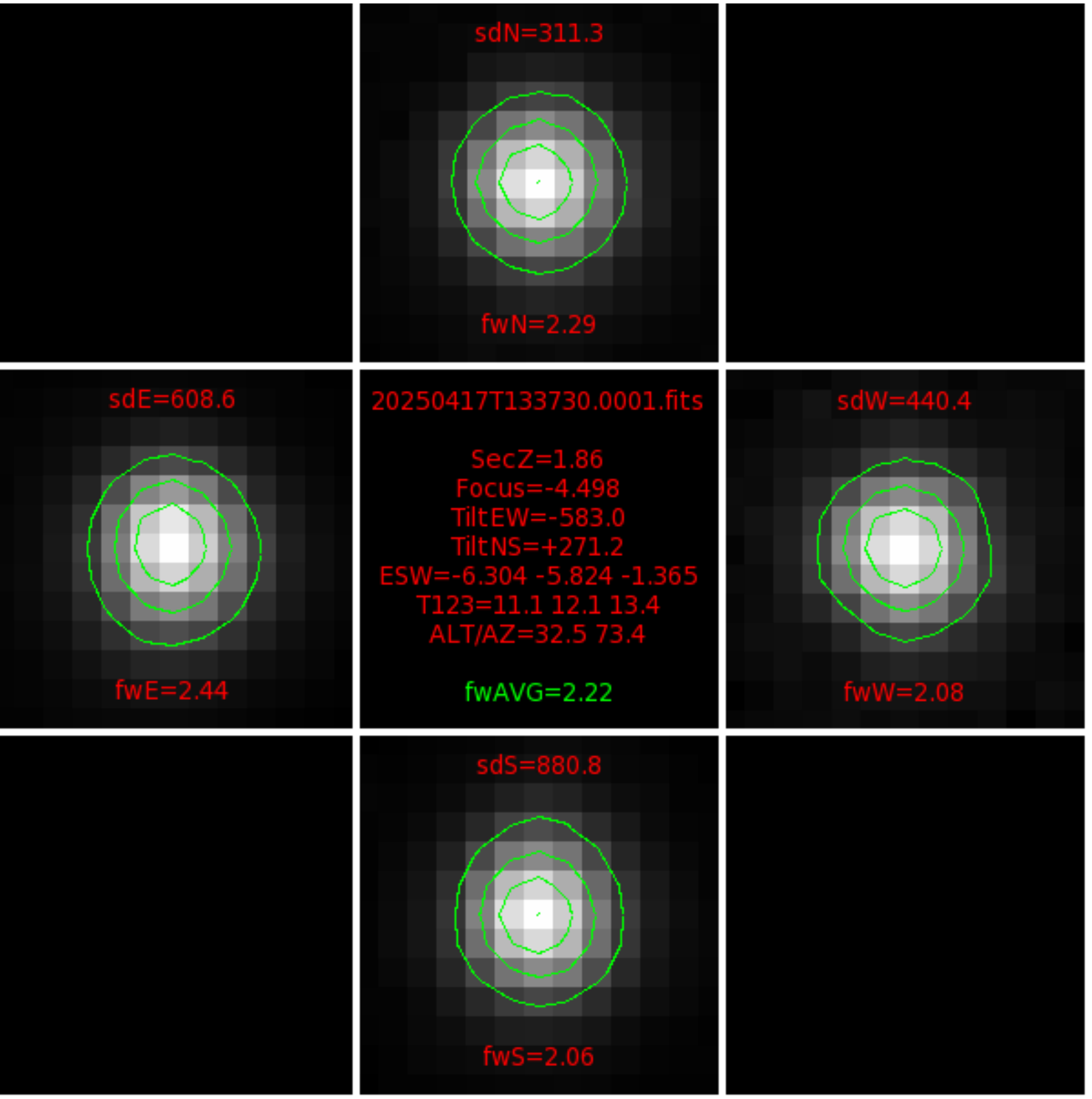
sdN=311.3
fwN=2.29
sdE=608.6
fwE=2.44
20250417T133730.0001.fits
SecZ=1.86
Focus=-4.498
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.304 -5.824 -1.365
T123=11.1 12.1 13.4
ALT/AZ=32.5 73.4
fwAVG=2.22
sdW=440.4
fwW=2.08
sdS=880.8
fwS=2.06
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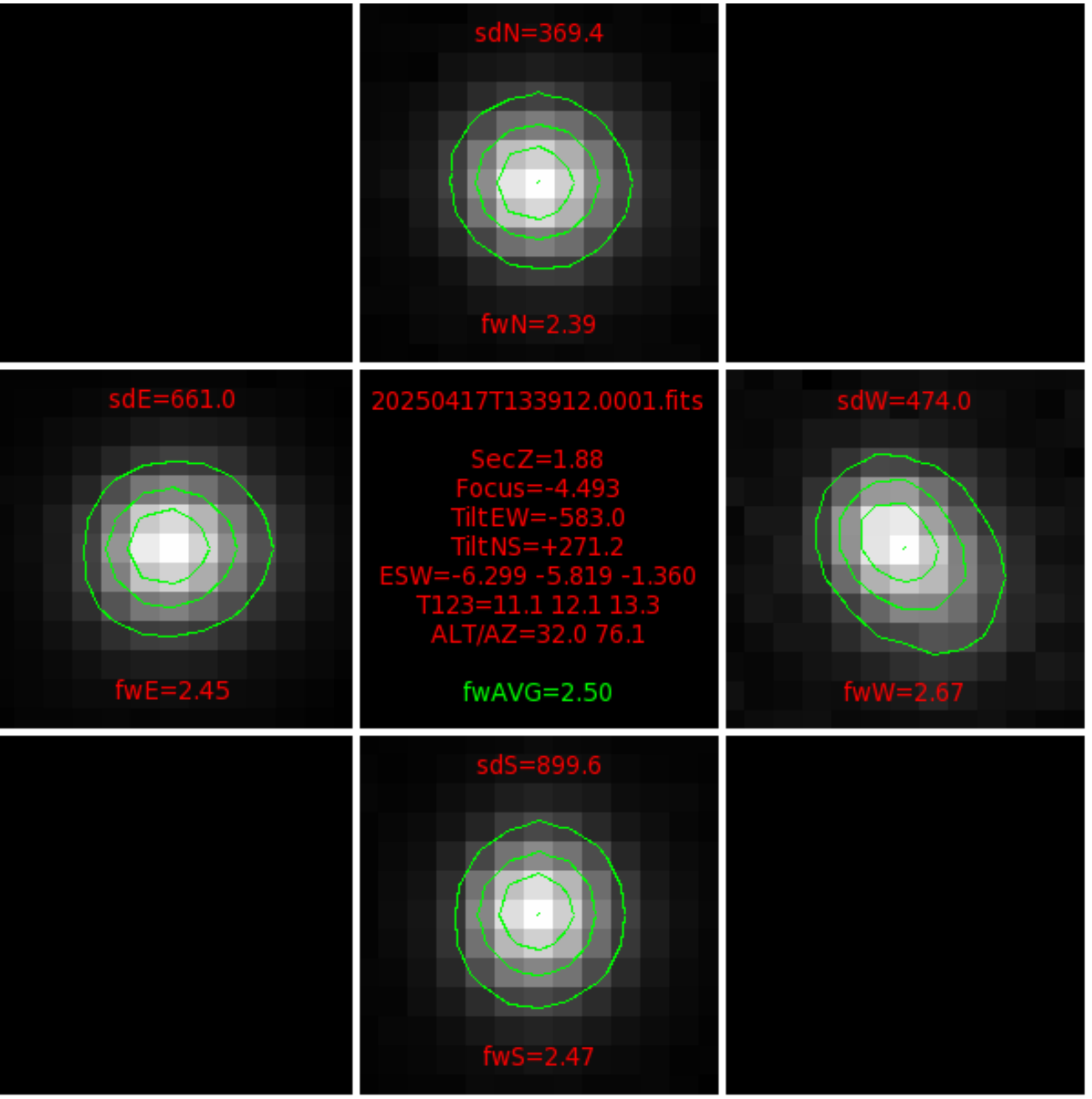
sdN=369.4
fwN=2.39
sdE=661.0
fwE=2.45
20250417T133912.0001.fits
SecZ=1.88
Focus=-4.493
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.1 12.1 13.3
ALT/AZ=32.0 76.1
fwAVG=2.50
sdW=474.0
fwW=2.67
sdS=899.6
fwS=2.47
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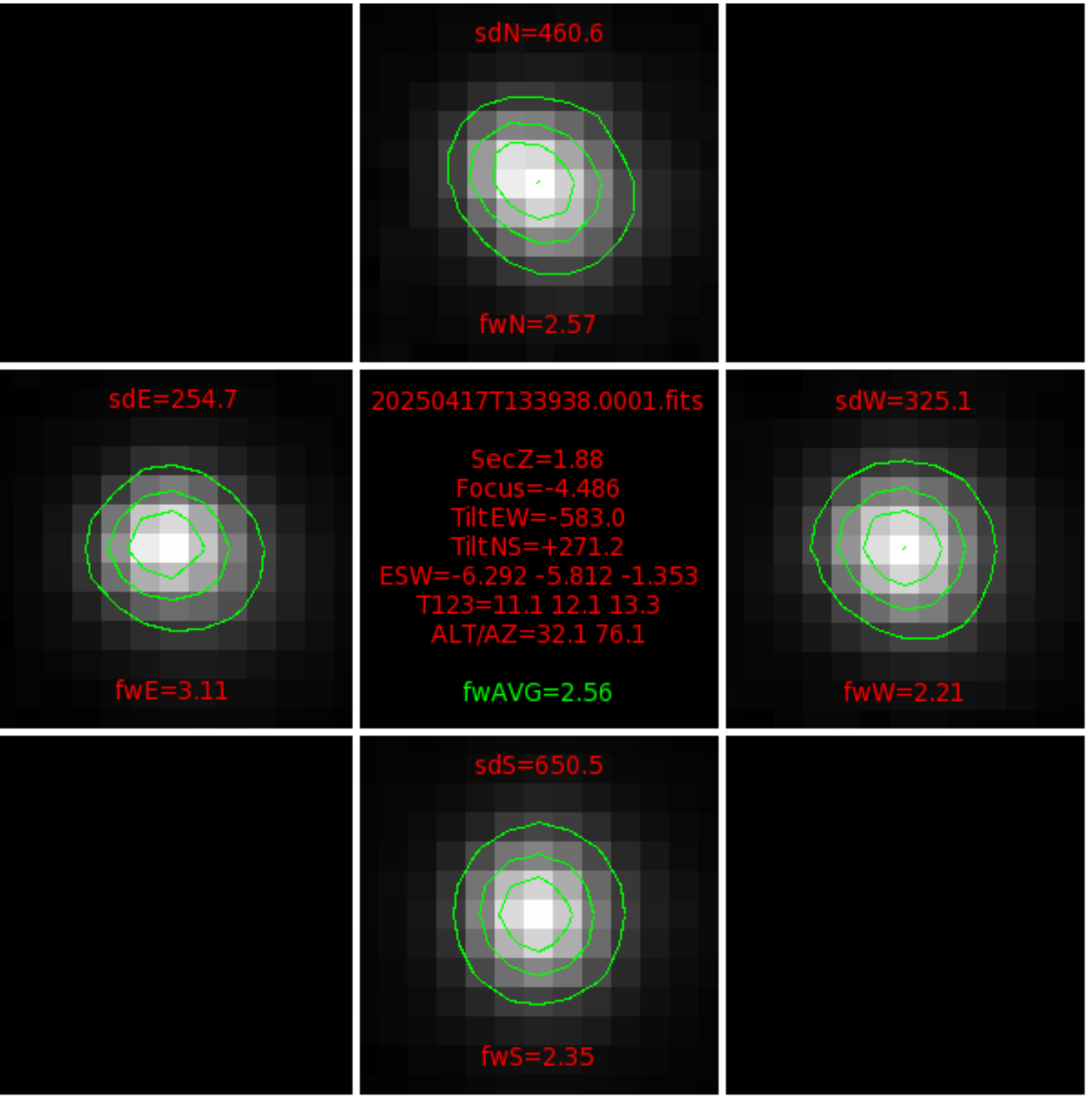
sdN=460.6
fwN=2.57
sdE=254.7
fwE=3.11
20250417T133938.0001.fits
SecZ=1.88
Focus=-4.486
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.292 -5.812 -1.353
T123=11.1 12.1 13.3
ALT/AZ=32.1 76.1
fwAVG=2.56
sdW=325.1
fwW=2.21
sdS=650.5
fwS=2.35
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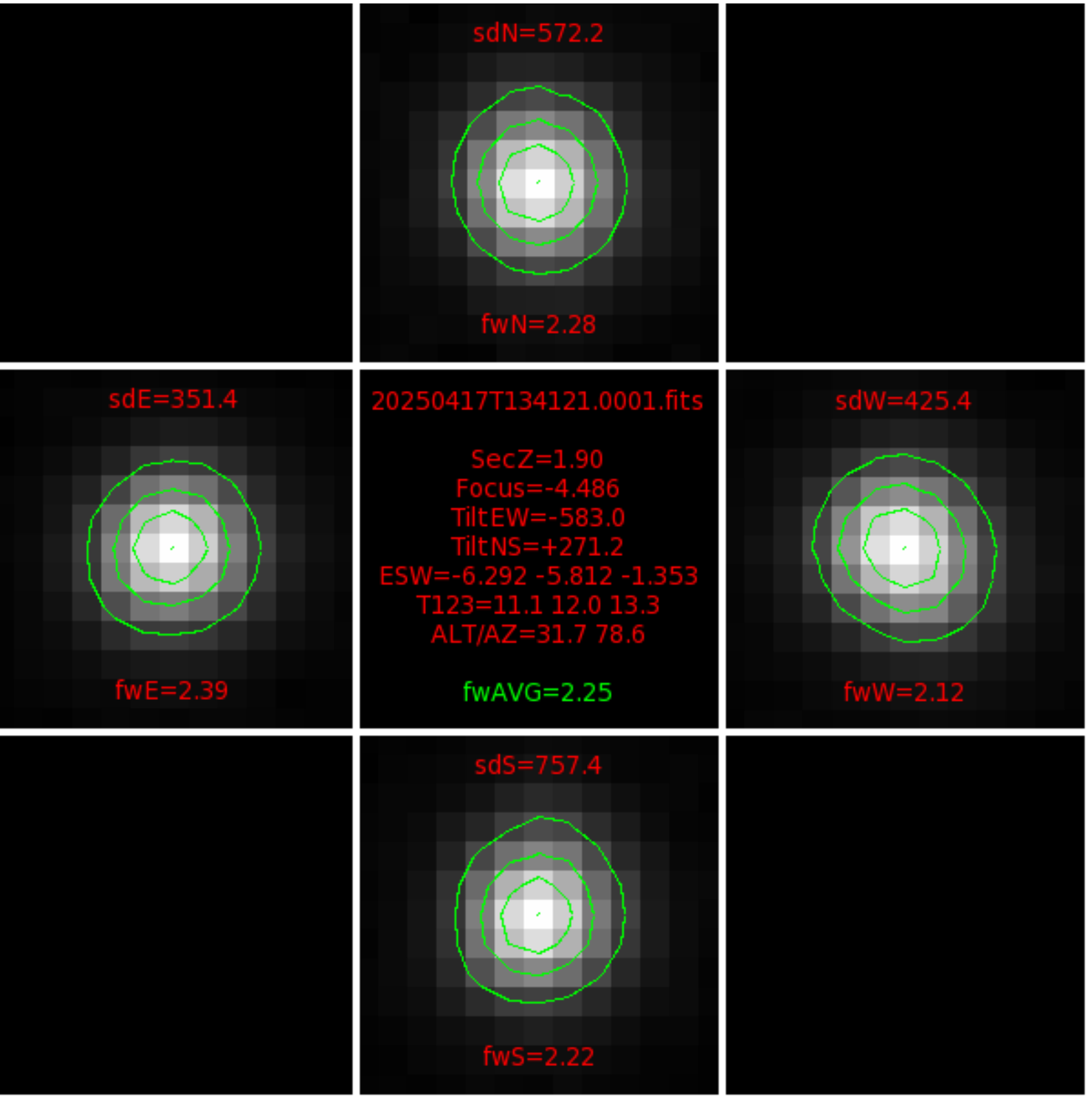
sdN=572.2
fwN=2.28
sdE=351.4
fwE=2.39
20250417T134121.0001.fits
SecZ=1.90
Focus=-4.486
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.292 -5.812 -1.353
T123=11.1 12.0 13.3
ALT/AZ=31.7 78.6
fwAVG=2.25
sdW=425.4
fwW=2.12
sdS=757.4
fwS=2.22
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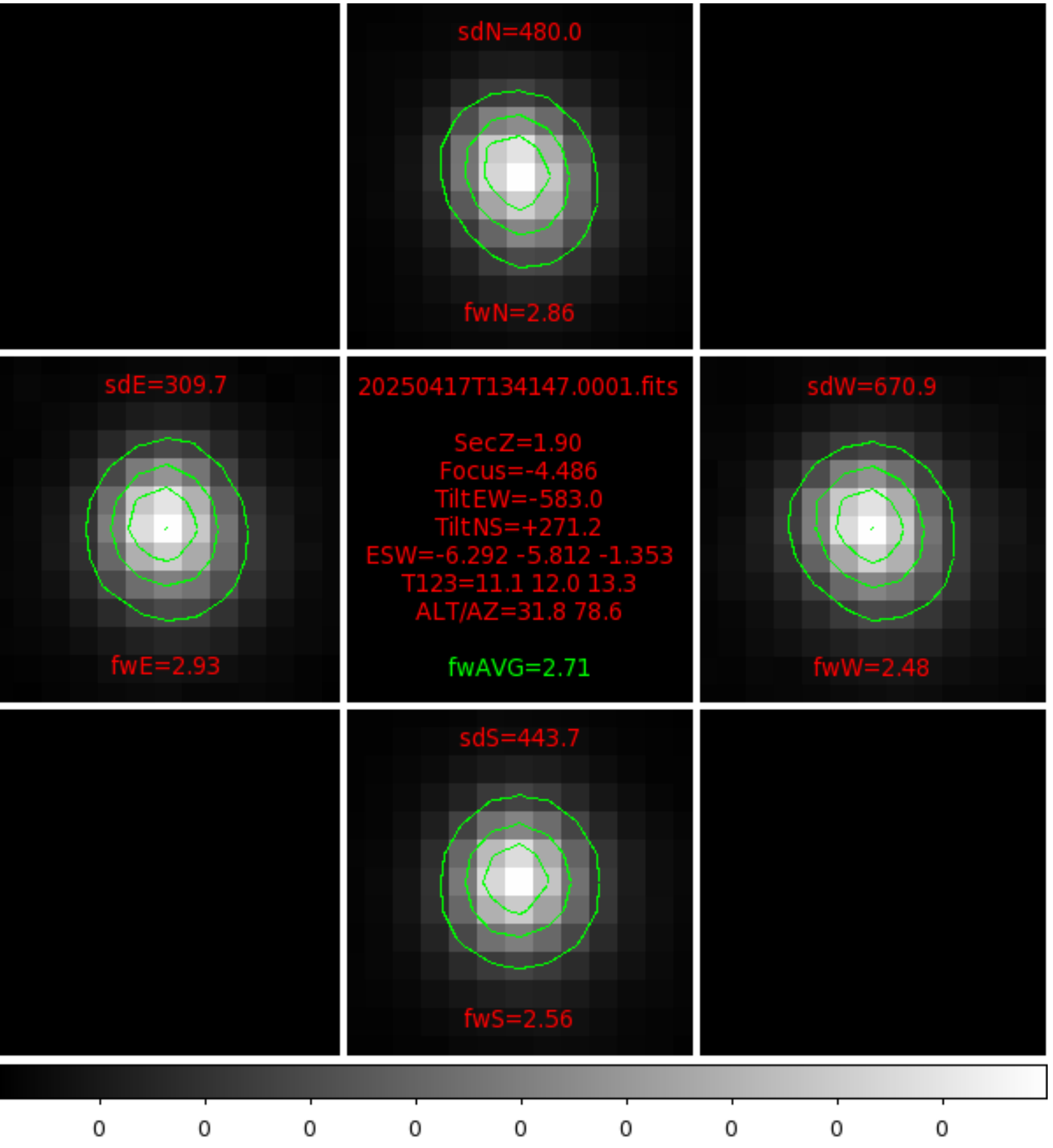
sdN=480.0
fwN=2.86
sdE=309.7
fwE=2.93
20250417T134147.0001.fits
SecZ=1.90
Focus=-4.486
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.292 -5.812 -1.353
T123=11.1 12.0 13.3
ALT/AZ=31.8 78.6
fwAVG=2.71
sdW=670.9
fwW=2.48
sdS=443.7
fwS=2.56
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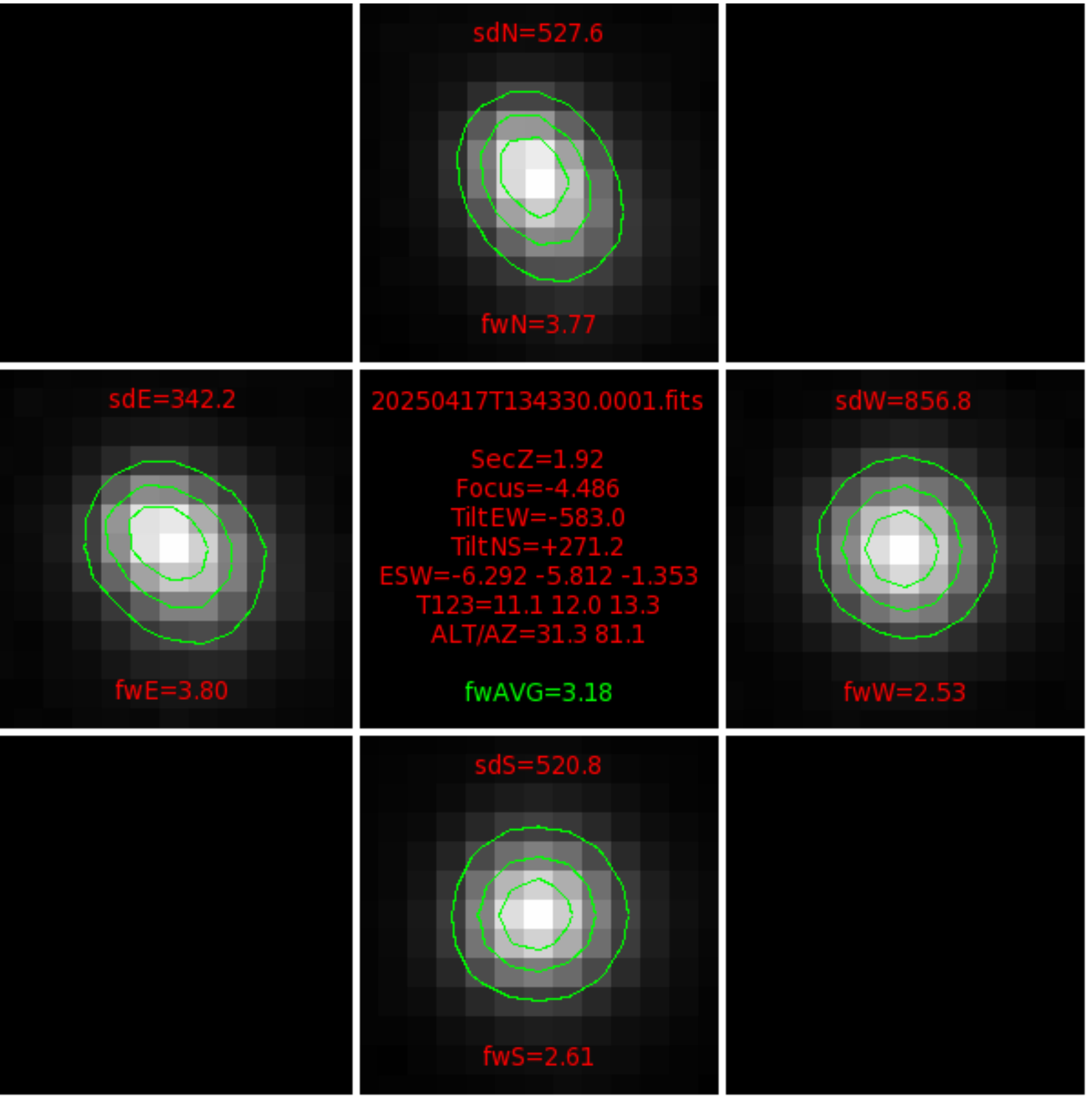
sdN=527.6
fwN=3.77
sdE=342.2
fwE=3.80
20250417T134330.0001.fits
SecZ=1.92
Focus=-4.486
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.292 -5.812 -1.353
T123=11.1 12.0 13.3
ALT/AZ=31.3 81.1
fwAVG=3.18
sdW=856.8
fwW=2.53
sdS=520.8
fwS=2.61
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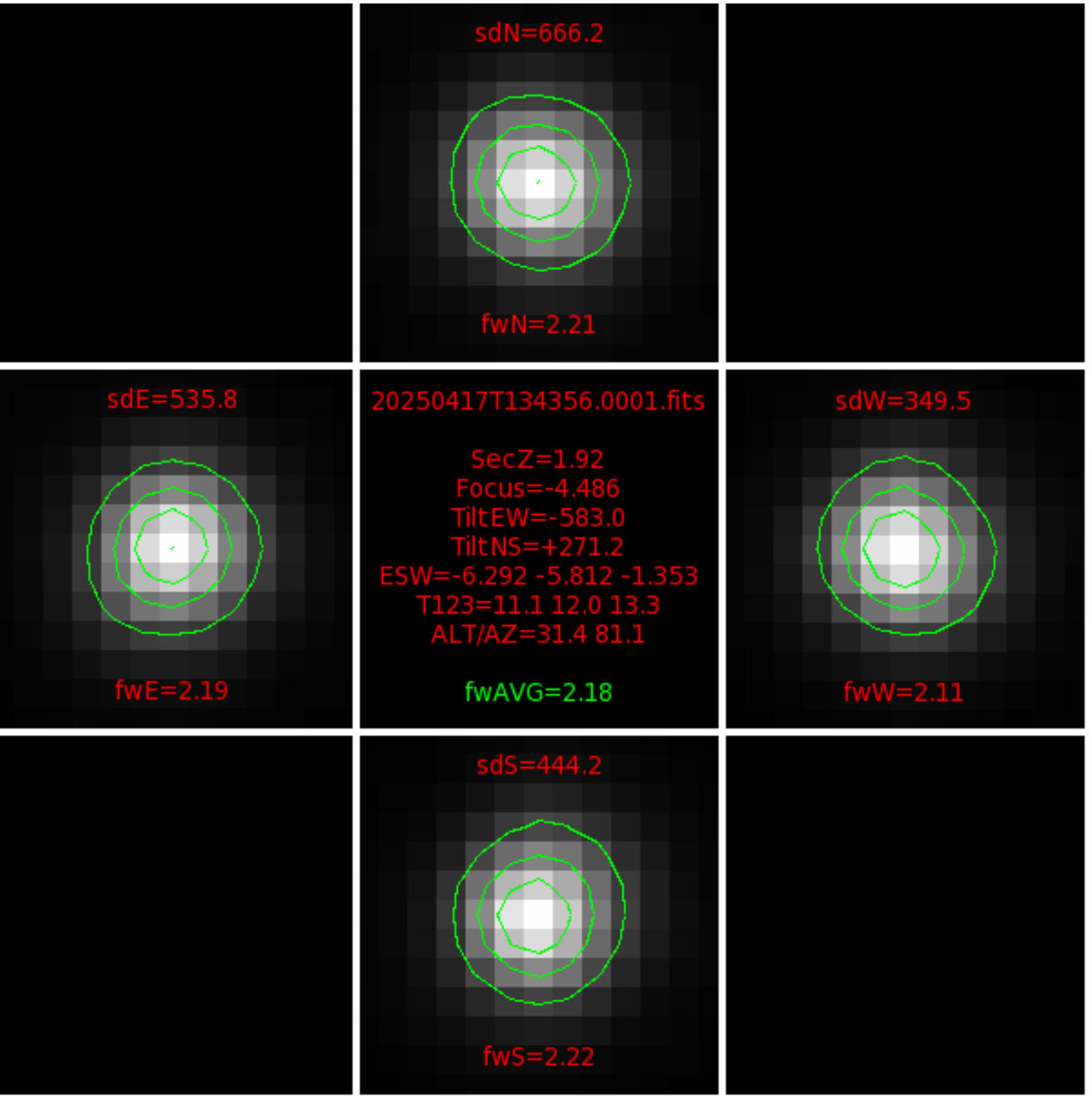
sdN=666.2
fwN=2.21
sdE=535.8
fwE=2.19
20250417T134356.0001.fits
SecZ=1.92
Focus=-4.486
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.292 -5.812 -1.353
T123=11.1 12.0 13.3
ALT/AZ=31.4 81.1
fwAVG=2.18
sdW=349.5
fwW=2.11
sdS=444.2
fwS=2.22
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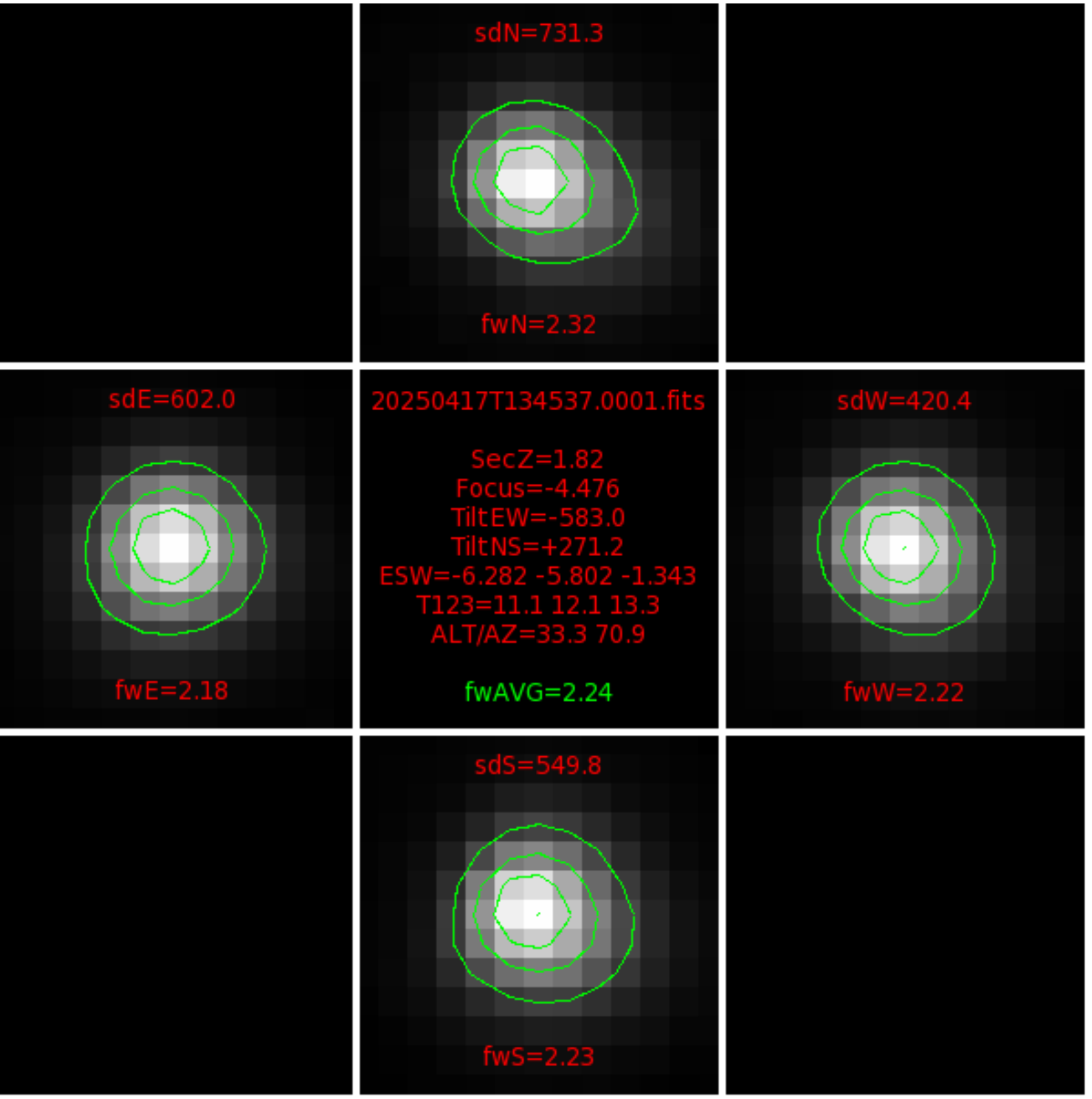
sdN=731.3
fwN=2.32
sdE=602.0
fwE=2.18
20250417T134537.0001.fits
SecZ=1.82
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=11.1 12.1 13.3
ALT/AZ=33.3 70.9
fwAVG=2.24
sdW=420.4
fwW=2.22
sdS=549.8
fwS=2.23
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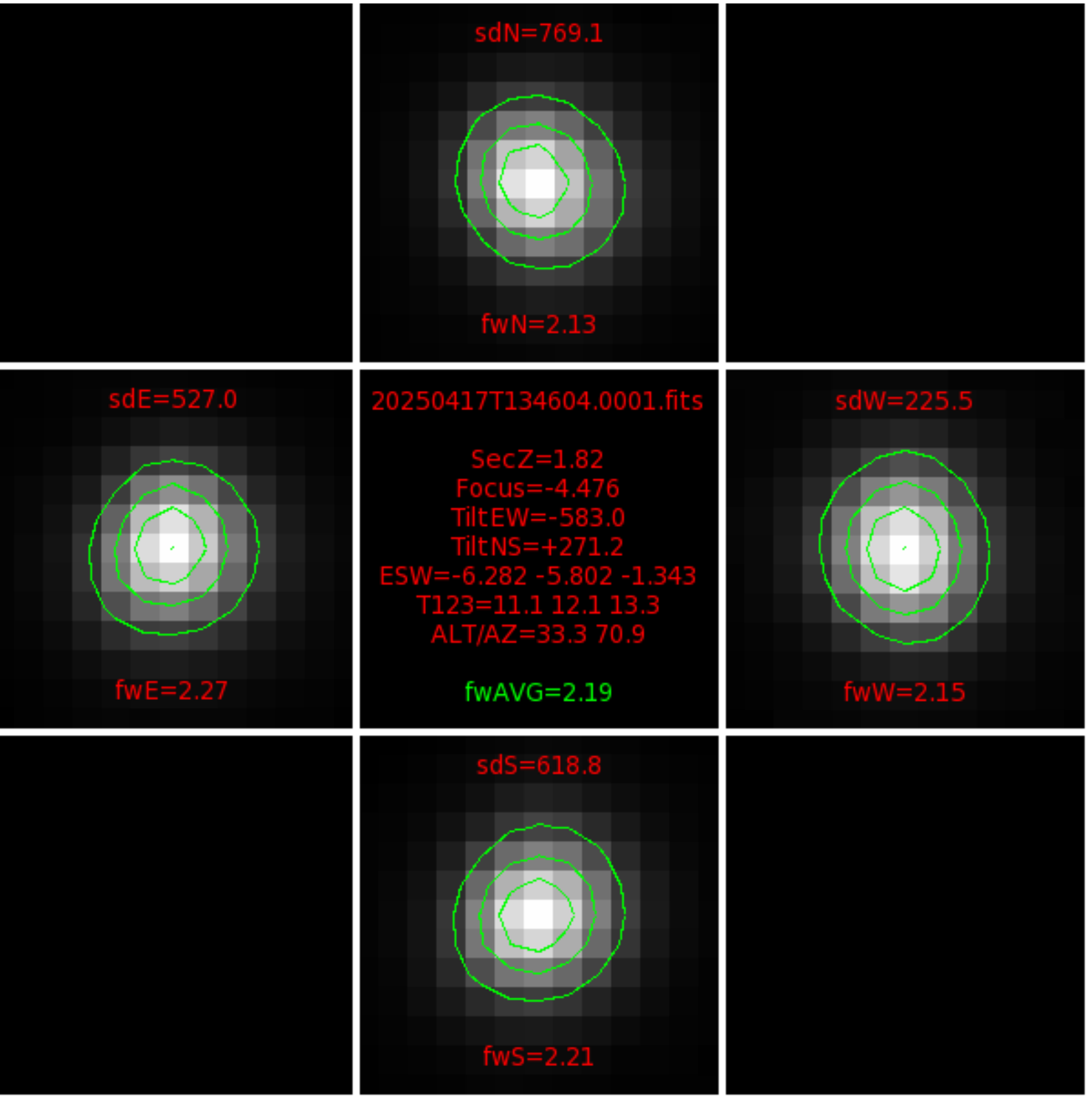
sdN=769.1
fwN=2.13
sdE=527.0
fwE=2.27
20250417T134604.0001.fits
SecZ=1.82
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=11.1 12.1 13.3
ALT/AZ=33.3 70.9
fwAVG=2.19
sdW=225.5
fwW=2.15
sdS=618.8
fwS=2.21
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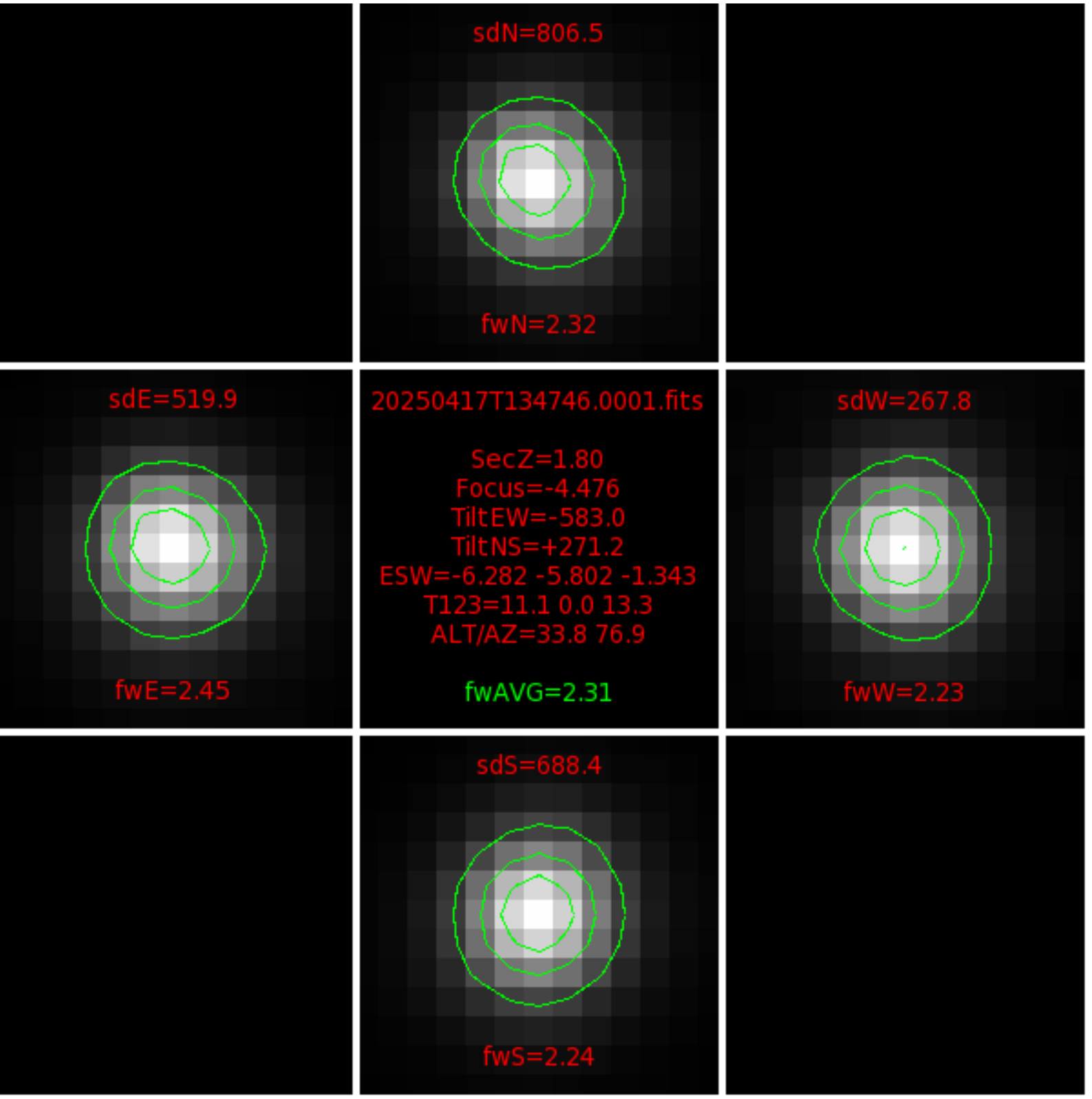
sdN=806.5
fwN=2.32
sdE=519.9
fwE=2.45
20250417T134746.0001.fits
SecZ=1.80
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=11.1 0.0 13.3
ALT/AZ=33.8 76.9
fwAVG=2.31
sdW=267.8
fwW=2.23
sdS=688.4
fwS=2.24
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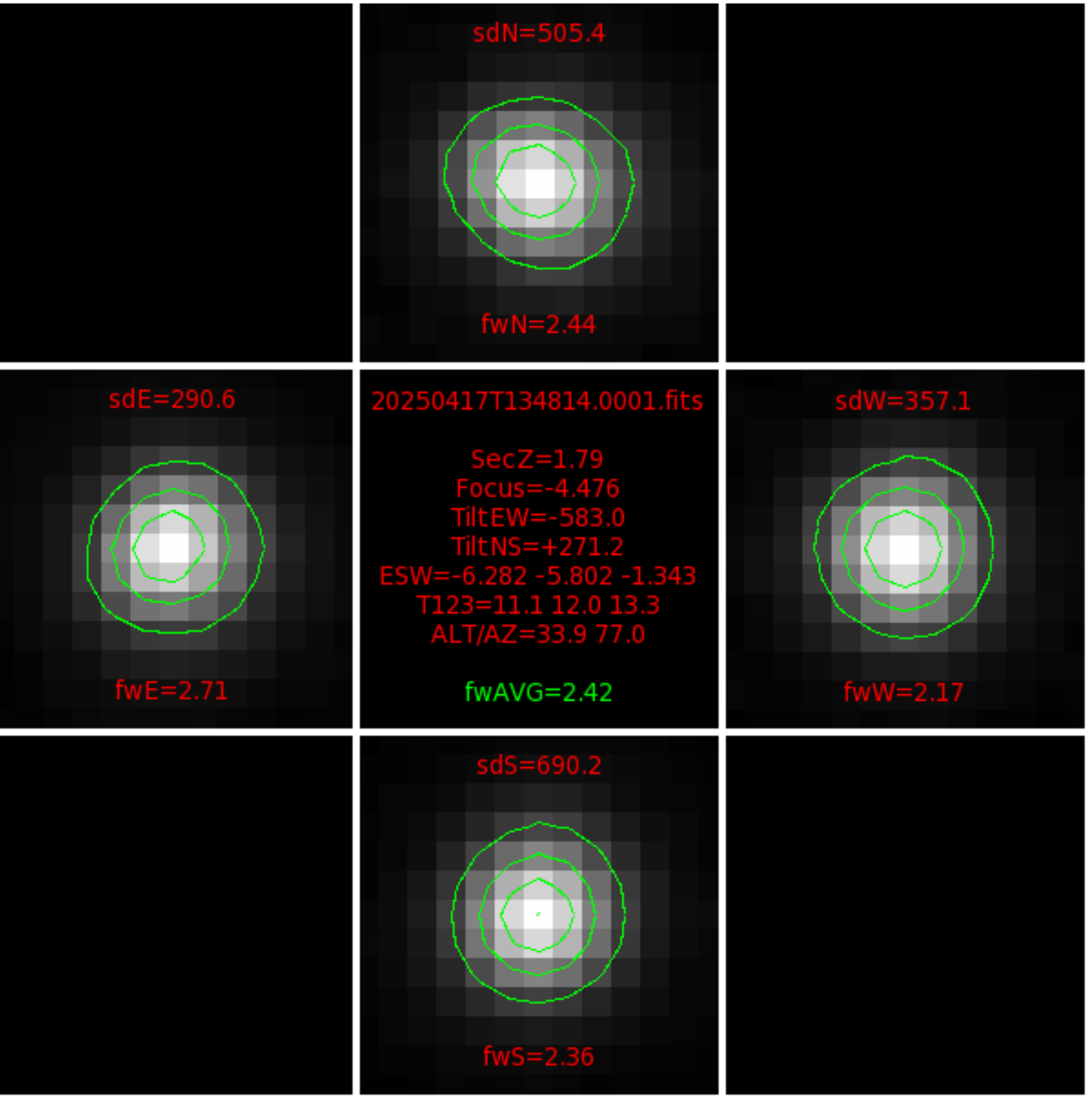
sdN=505.4
fwN=2.44
sdE=290.6
fwE=2.71
20250417T134814.0001.fits
SecZ=1.79
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=11.1 12.0 13.3
ALT/AZ=33.9 77.0
fwAVG=2.42
sdW=357.1
fwW=2.17
sdS=690.2
fwS=2.36
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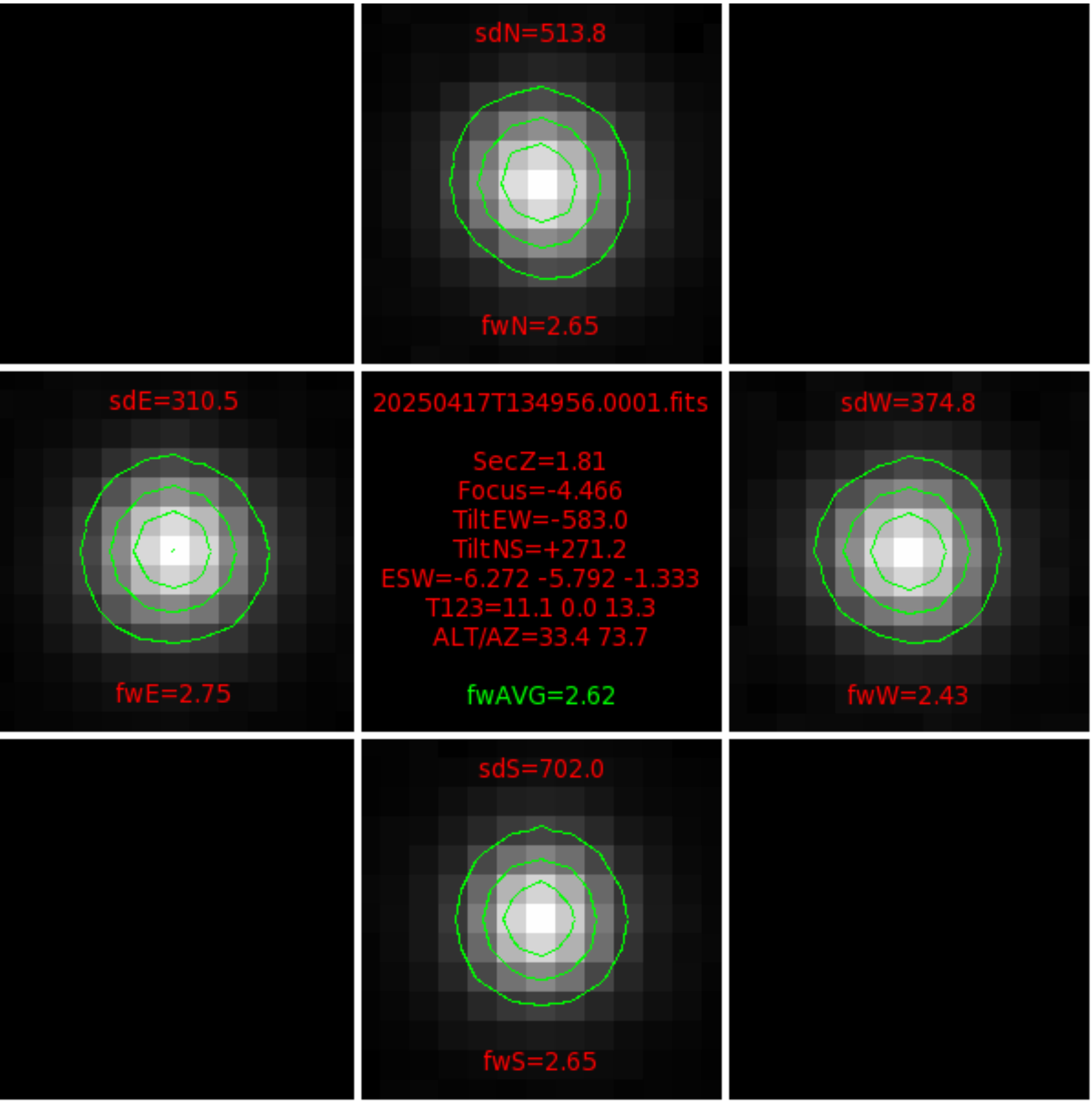
sdN=513.8
fwN=2.65
sdE=310.5
fwE=2.75
20250417T134956.0001.fits
SecZ=1.81
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=11.1 0.0 13.3
ALT/AZ=33.4 73.7
fwAVG=2.62
sdW=374.8
fwW=2.43
sdS=702.0
fwS=2.65
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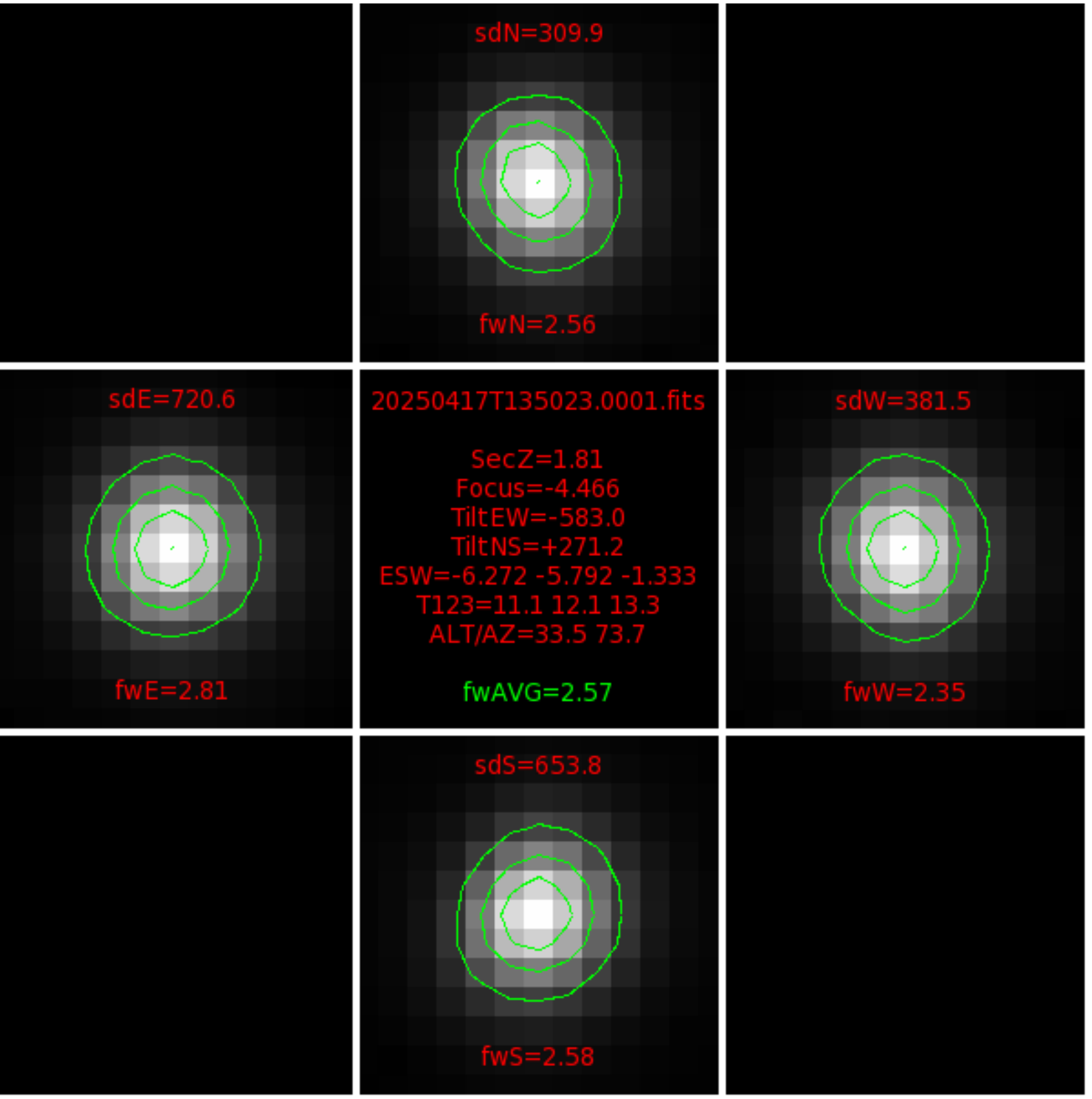
sdN=309.9
fwN=2.56
sdE=720.6
fwE=2.81
20250417T135023.0001.fits
SecZ=1.81
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=11.1 12.1 13.3
ALT/AZ=33.5 73.7
fwAVG=2.57
sdW=381.5
fwW=2.35
sdS=653.8
fwS=2.58
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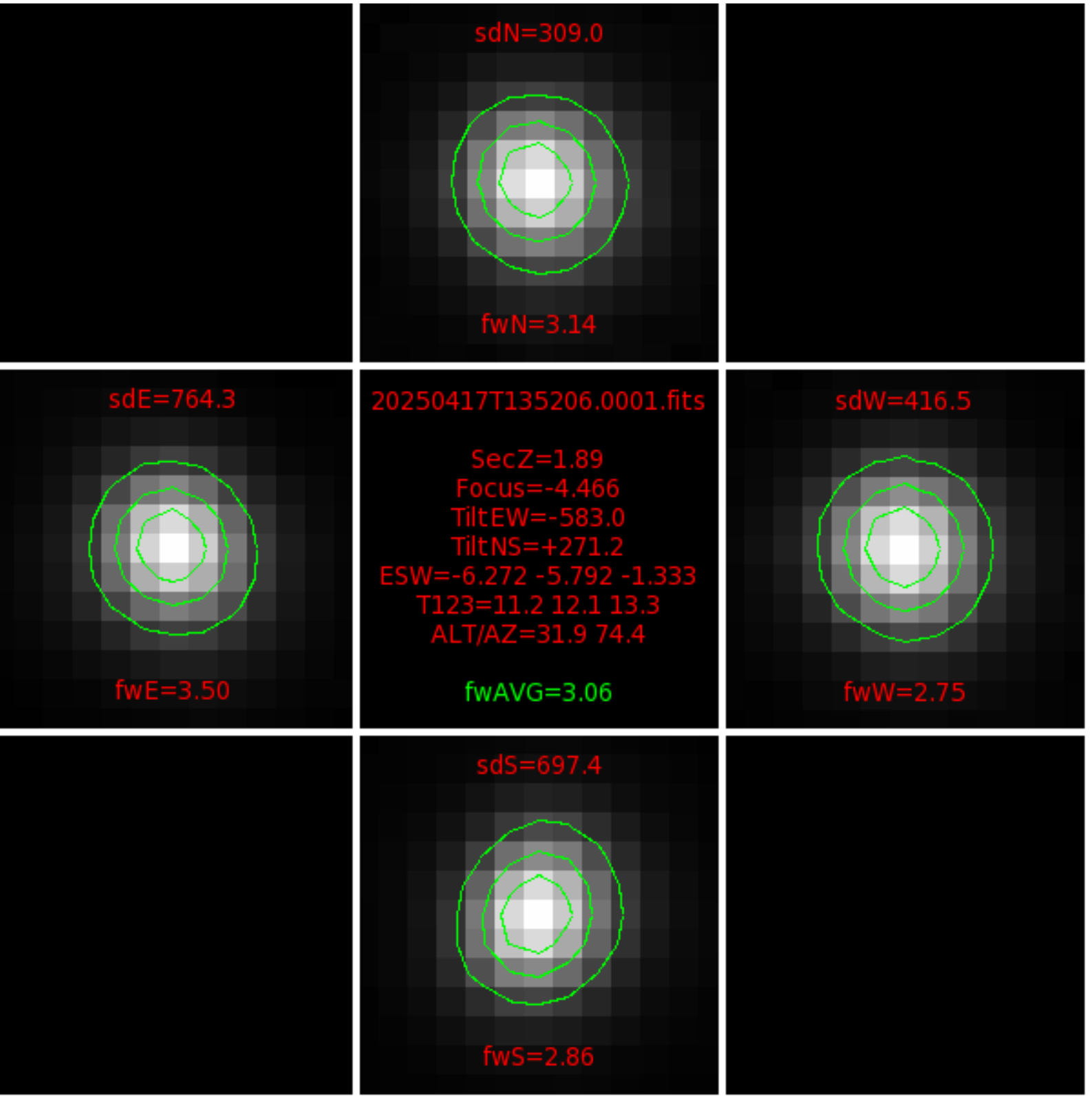
sdN=309.0
fwN=3.14
sdE=764.3
fwE=3.50
20250417T135206.0001.fits
SecZ=1.89
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=11.2 12.1 13.3
ALT/AZ=31.9 74.4
fwAVG=3.06
sdW=416.5
fwW=2.75
sdS=697.4
fwS=2.86
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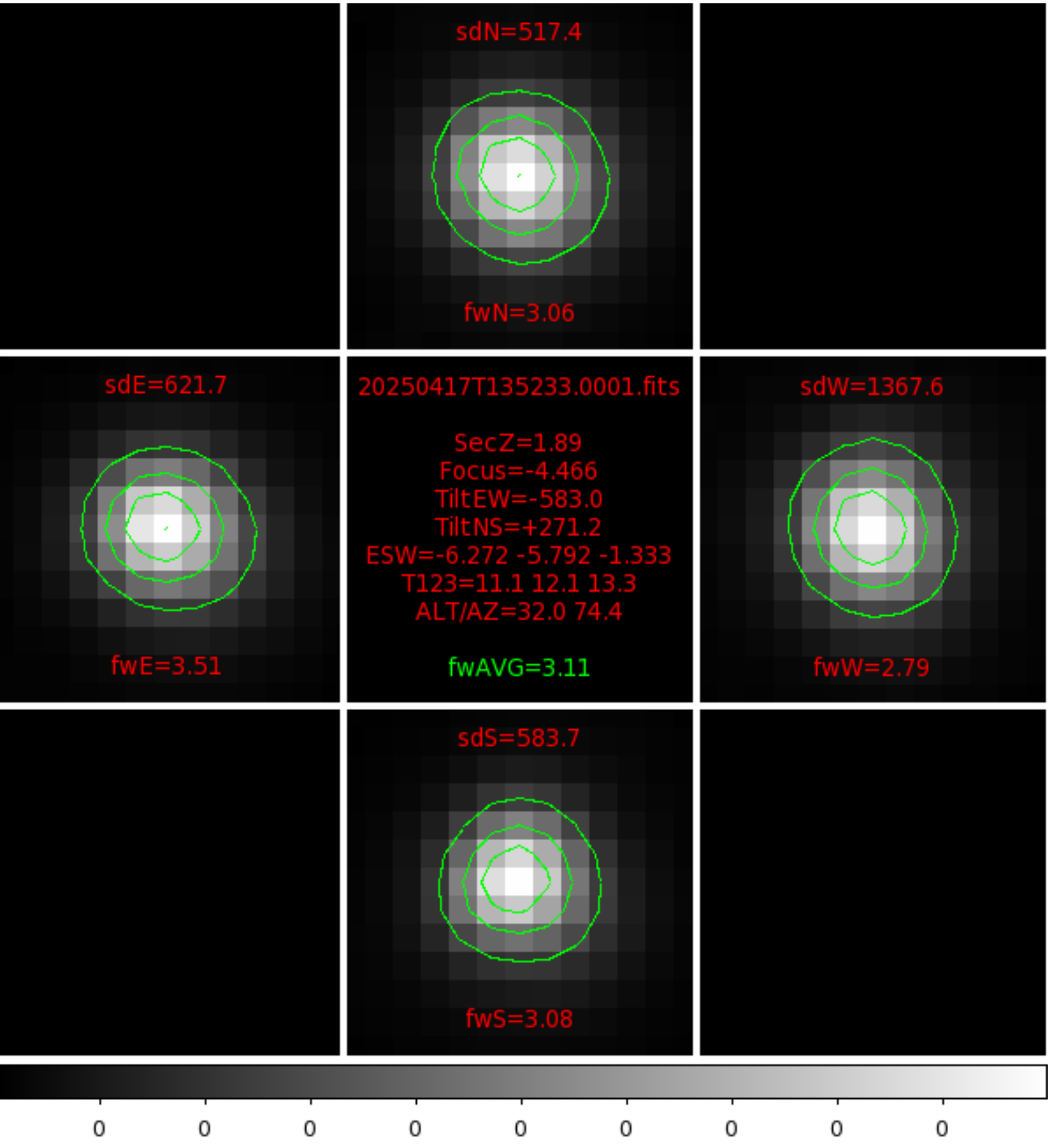
sdN=517.4
fwN=3.06
sdE=621.7
fwE=3.51
20250417T135233.0001.fits
SecZ=1.89
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=11.1 12.1 13.3
ALT/AZ=32.0 74.4
fwAVG=3.11
sdW=1367.6
fwW=2.79
sdS=583.7
fwS=3.08
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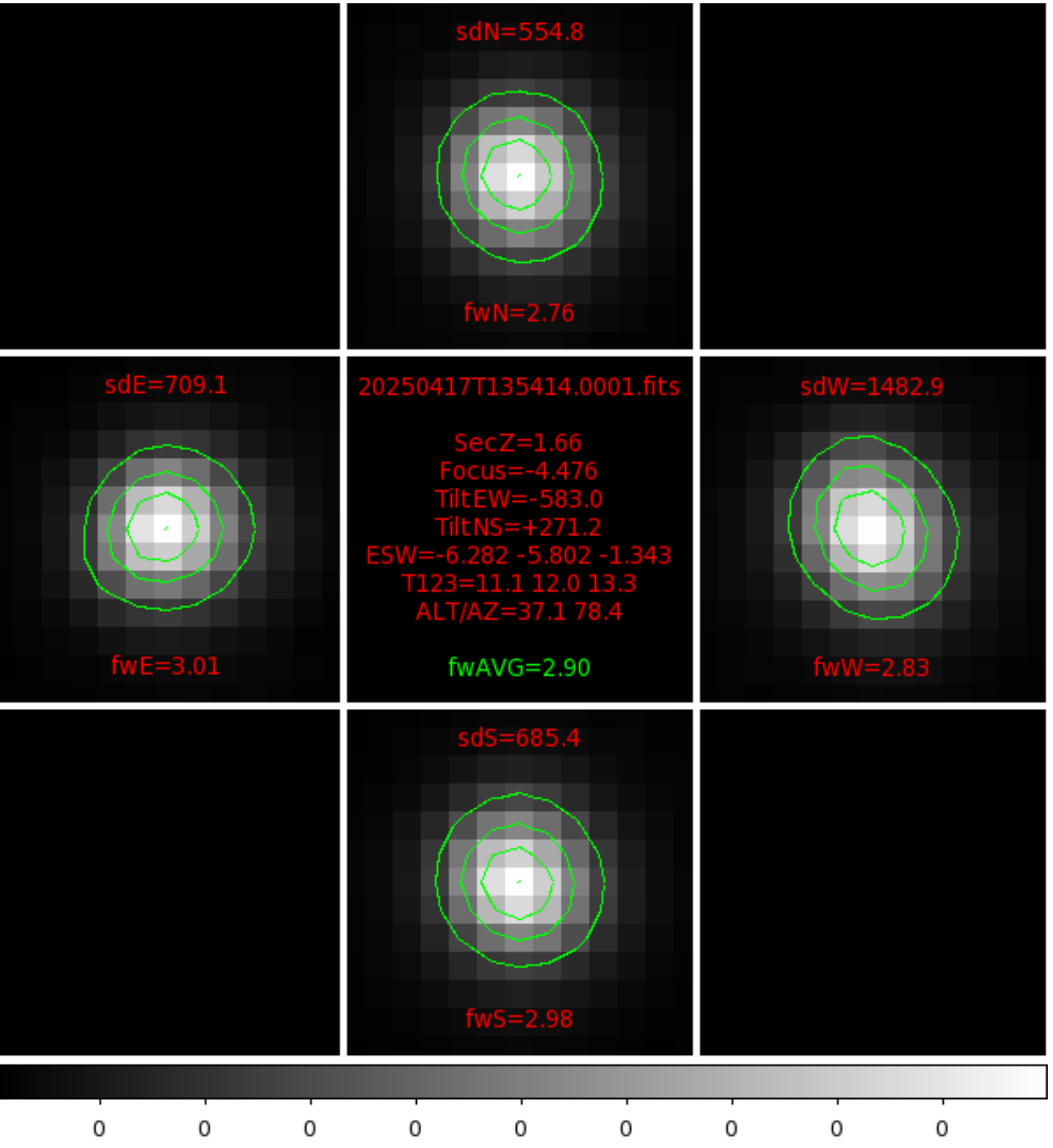
sdN=554.8
fwN=2.76
sdE=709.1
fwE=3.01
20250417T135414.0001.fits
SecZ=1.66
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=11.1 12.0 13.3
ALT/AZ=37.1 78.4
fwAVG=2.90
sdW=1482.9
fwW=2.83
sdS=685.4
fwS=2.98
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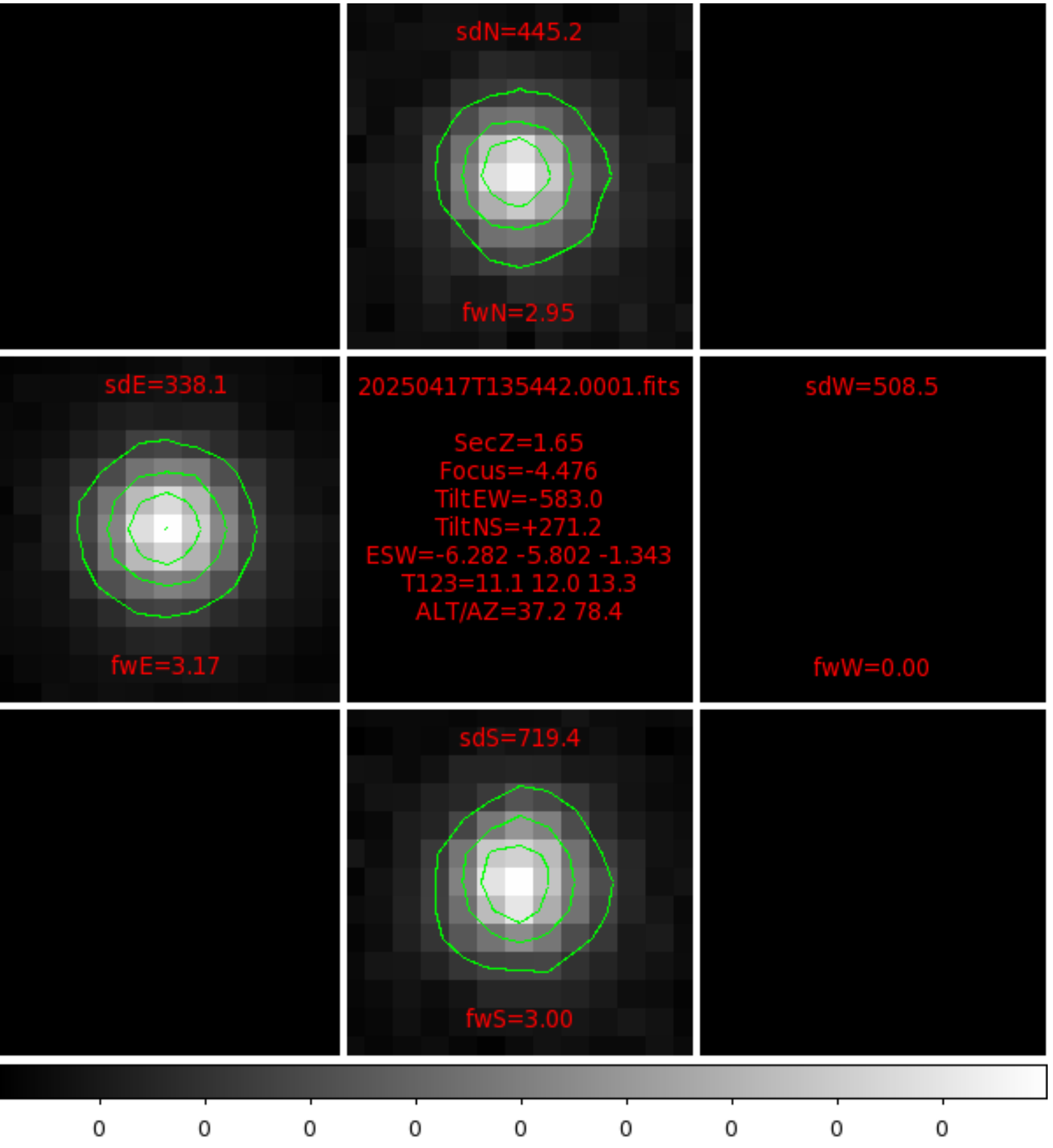
sdN=445.2
fwN=2.95
sdE=338.1
fwE=3.17
20250417T135442.0001.fits
SecZ=1.65
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=11.1 12.0 13.3
ALT/AZ=37.2 78.4
sdW=508.5
fwW=0.00
sdS=719.4
fwS=3.00
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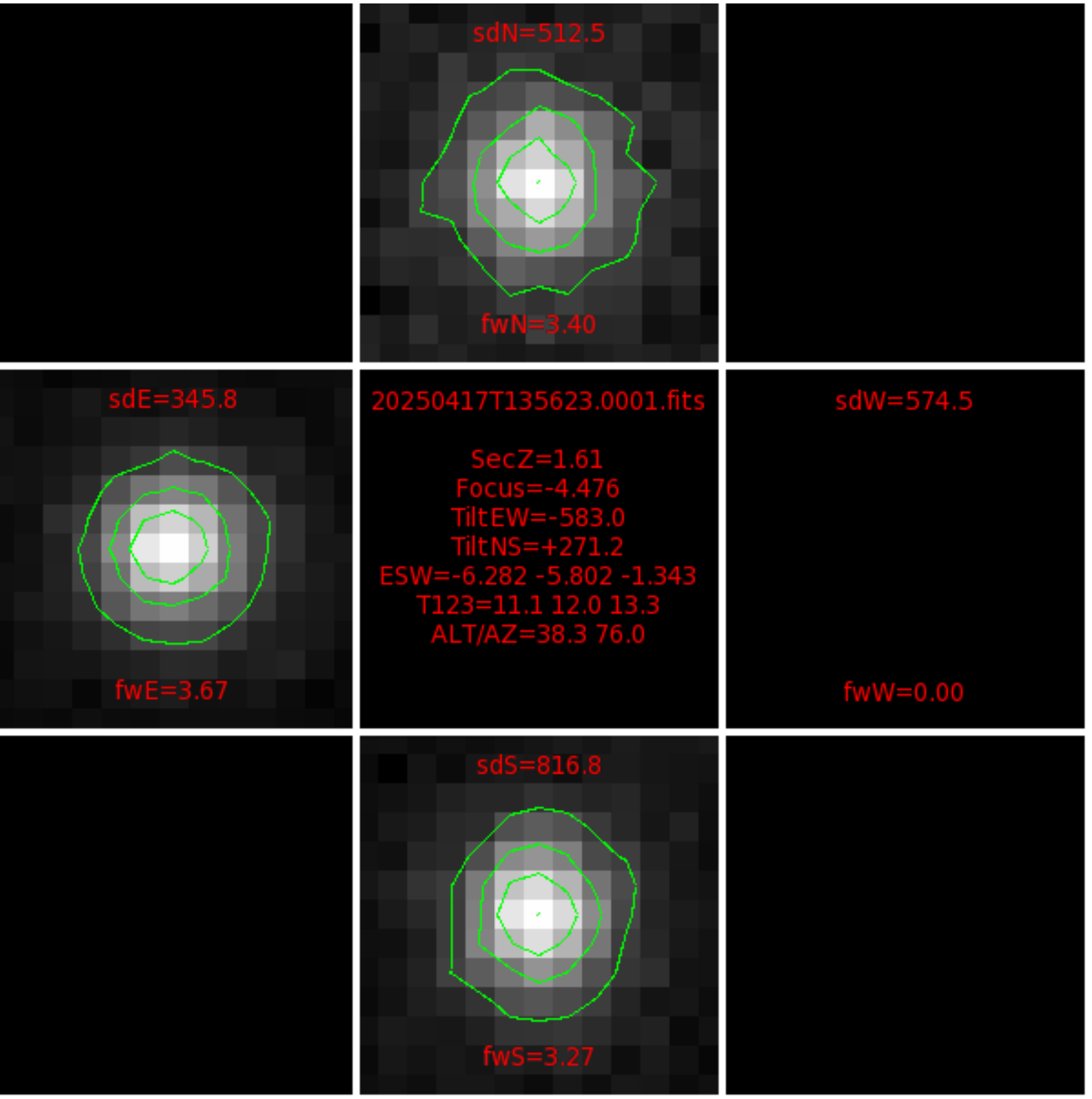
sdN=512.5
fwN=3.40
sdE=345.8
fwE=3.67
20250417T135623.0001.fits
SecZ=1.61
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=11.1 12.0 13.3
ALT/AZ=38.3 76.0
sdW=574.5
fwW=0.00
sdS=816.8
fwS=3.27
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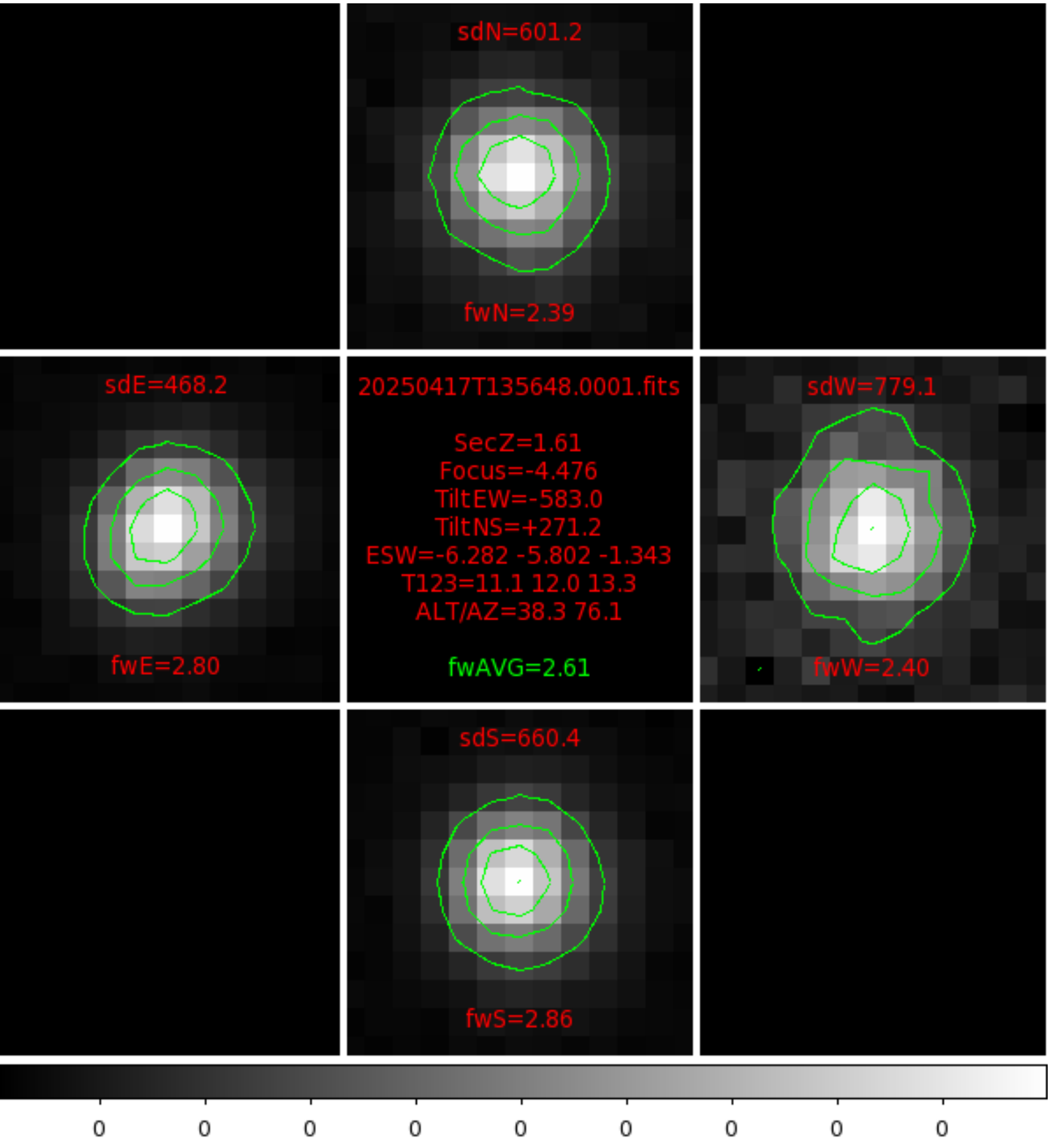
sdN=601.2
fwN=2.39
sdE=468.2
fwE=2.80
20250417T135648.0001.fits
SecZ=1.61
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=11.1 12.0 13.3
ALT/AZ=38.3 76.1
fwAVG=2.61
sdW=779.1
fwW=2.40
sdS=660.4
fwS=2.86
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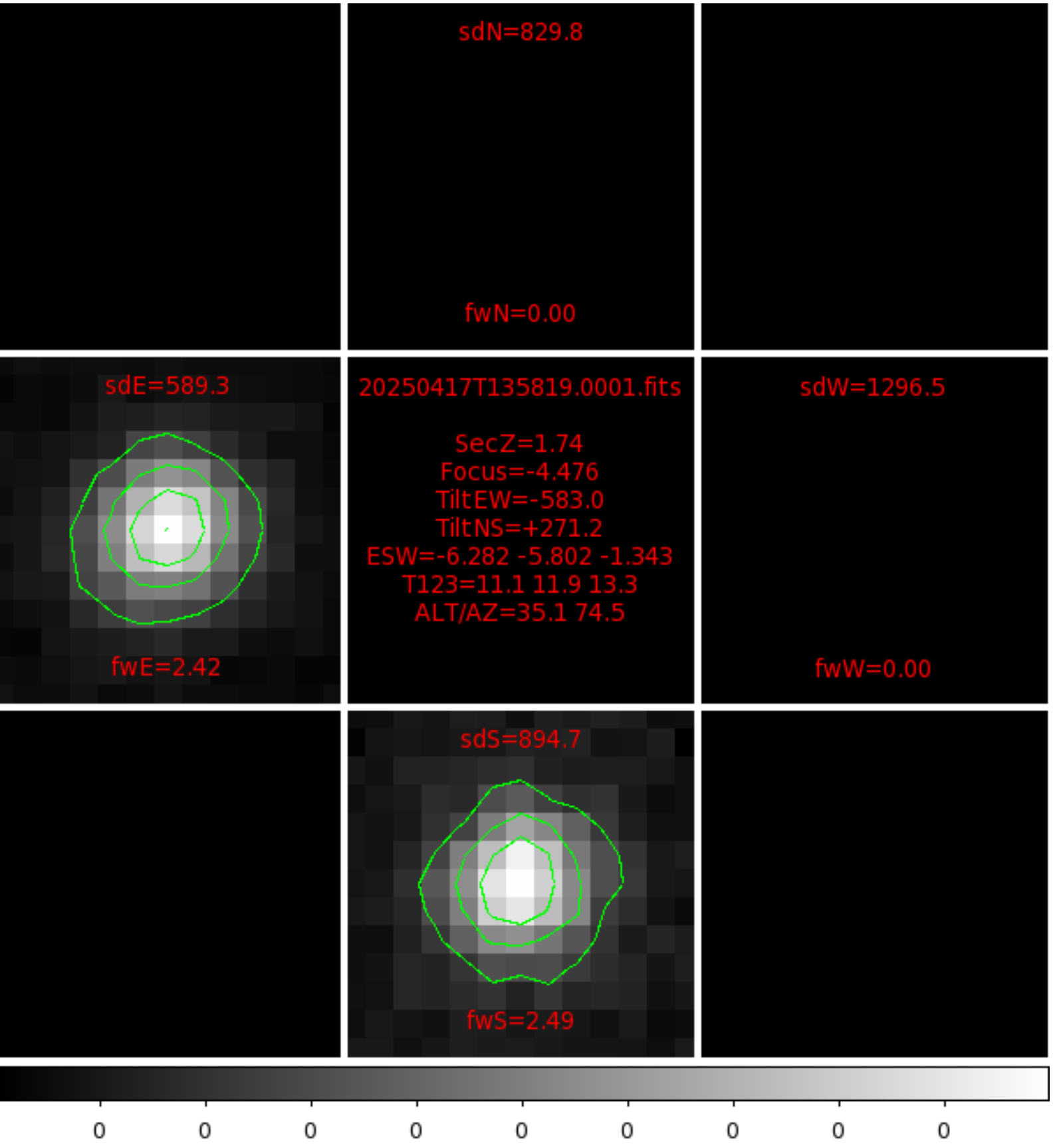
sdN=829.8
fwN=0.00
sdE=589.3
fwE=2.42
20250417T135819.0001.fits
SecZ=1.74
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=11.1 11.9 13.3
ALT/AZ=35.1 74.5
sdW=1296.5
fwW=0.00
sdS=894.7
fwS=2.49
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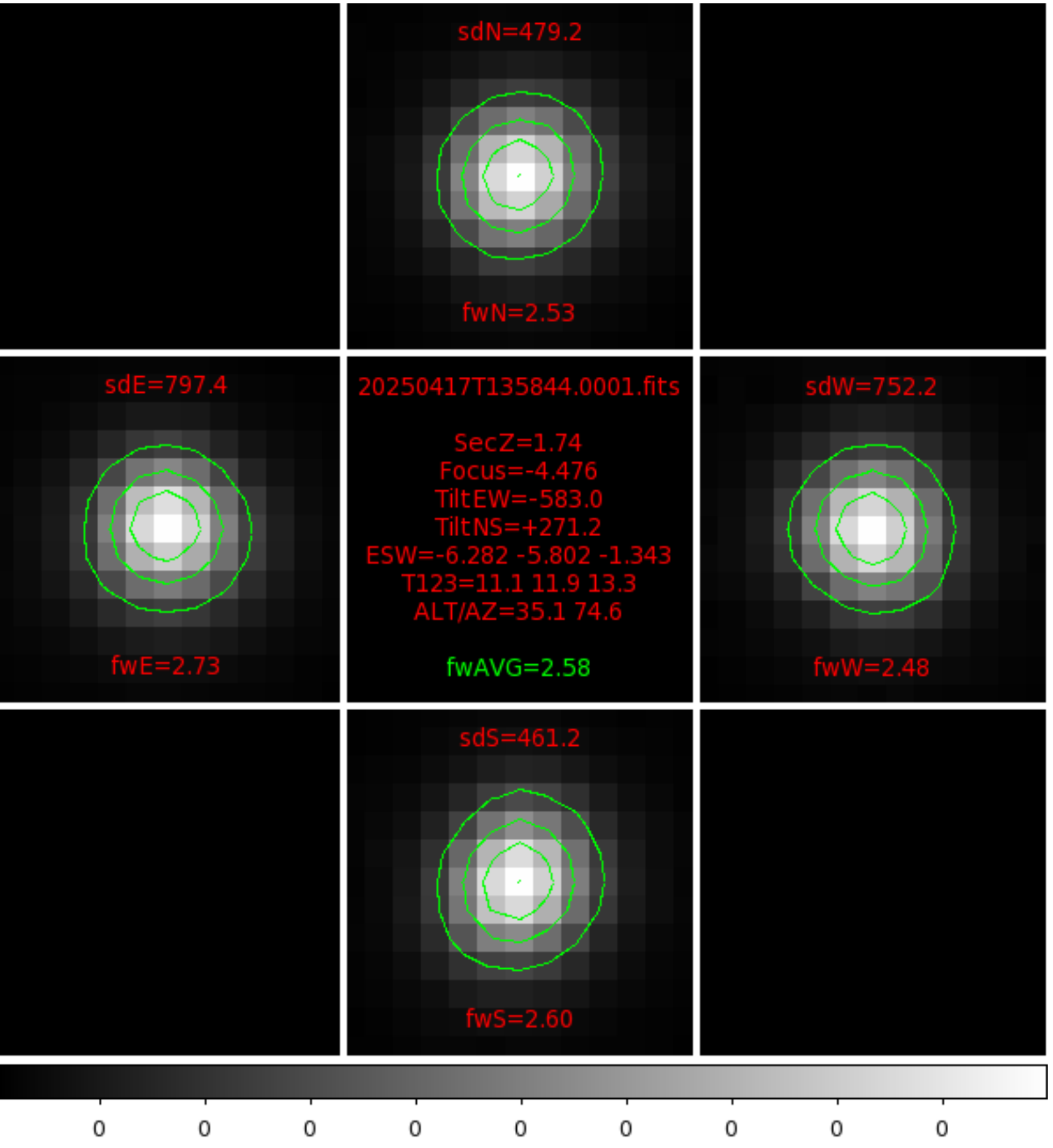
sdN=479.2
fwN=2.53
sdE=797.4
fwE=2.73
20250417T135844.0001.fits
SecZ=1.74
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=11.1 11.9 13.3
ALT/AZ=35.1 74.6
fwAVG=2.58
sdW=752.2
fwW=2.48
sdS=461.2
fwS=2.60
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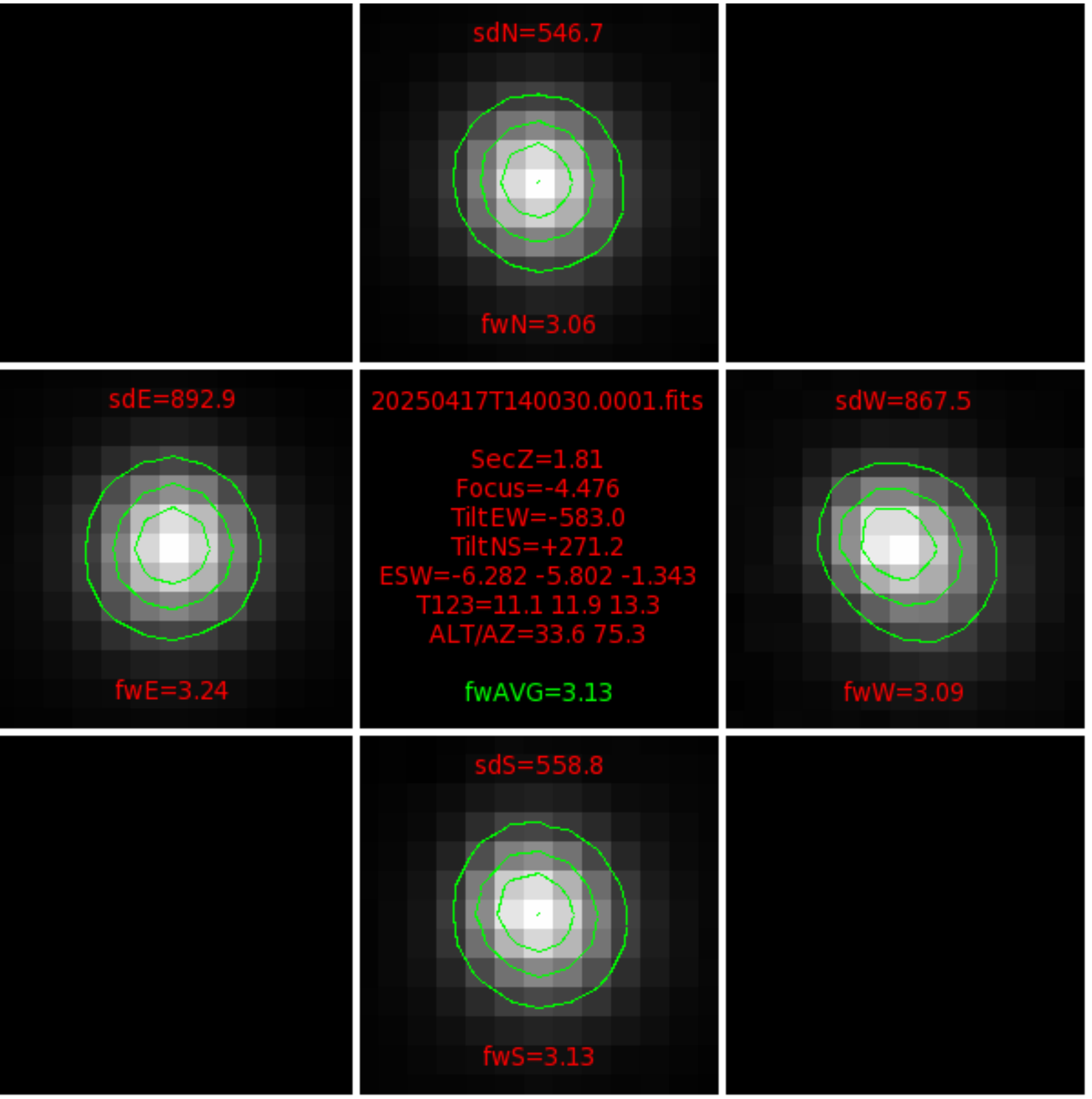
sdN=546.7
fwN=3.06
sdE=892.9
fwE=3.24
20250417T140030.0001.fits
SecZ=1.81
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=11.1 11.9 13.3
ALT/AZ=33.6 75.3
fwAVG=3.13
sdW=867.5
fwW=3.09
sdS=558.8
fwS=3.13
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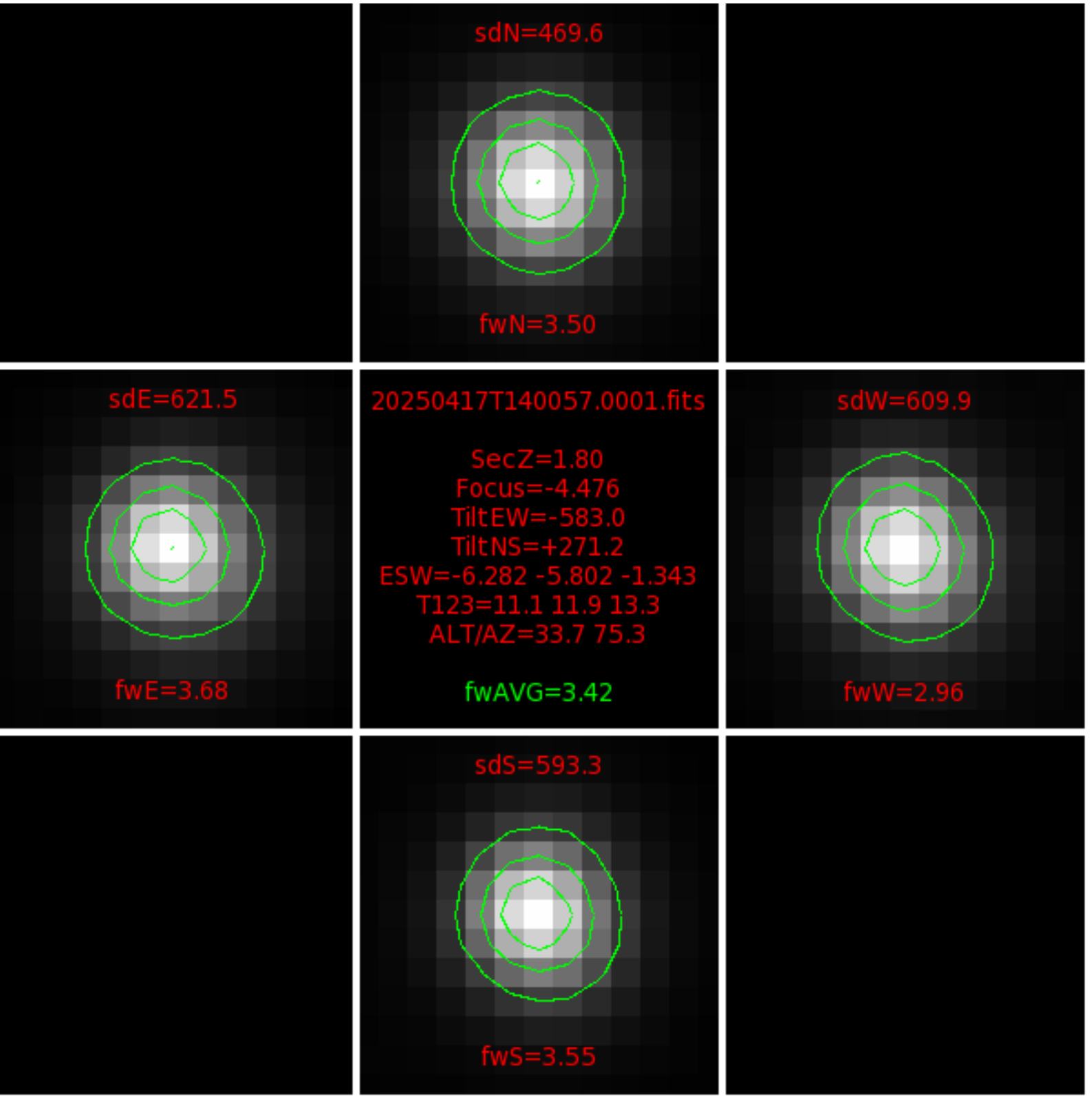
sdN=469.6
fwN=3.50
sdE=621.5
fwE=3.68
20250417T140057.0001.fits
SecZ=1.80
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=11.1 11.9 13.3
ALT/AZ=33.7 75.3
fwAVG=3.42
sdW=609.9
fwW=2.96
sdS=593.3
fwS=3.55
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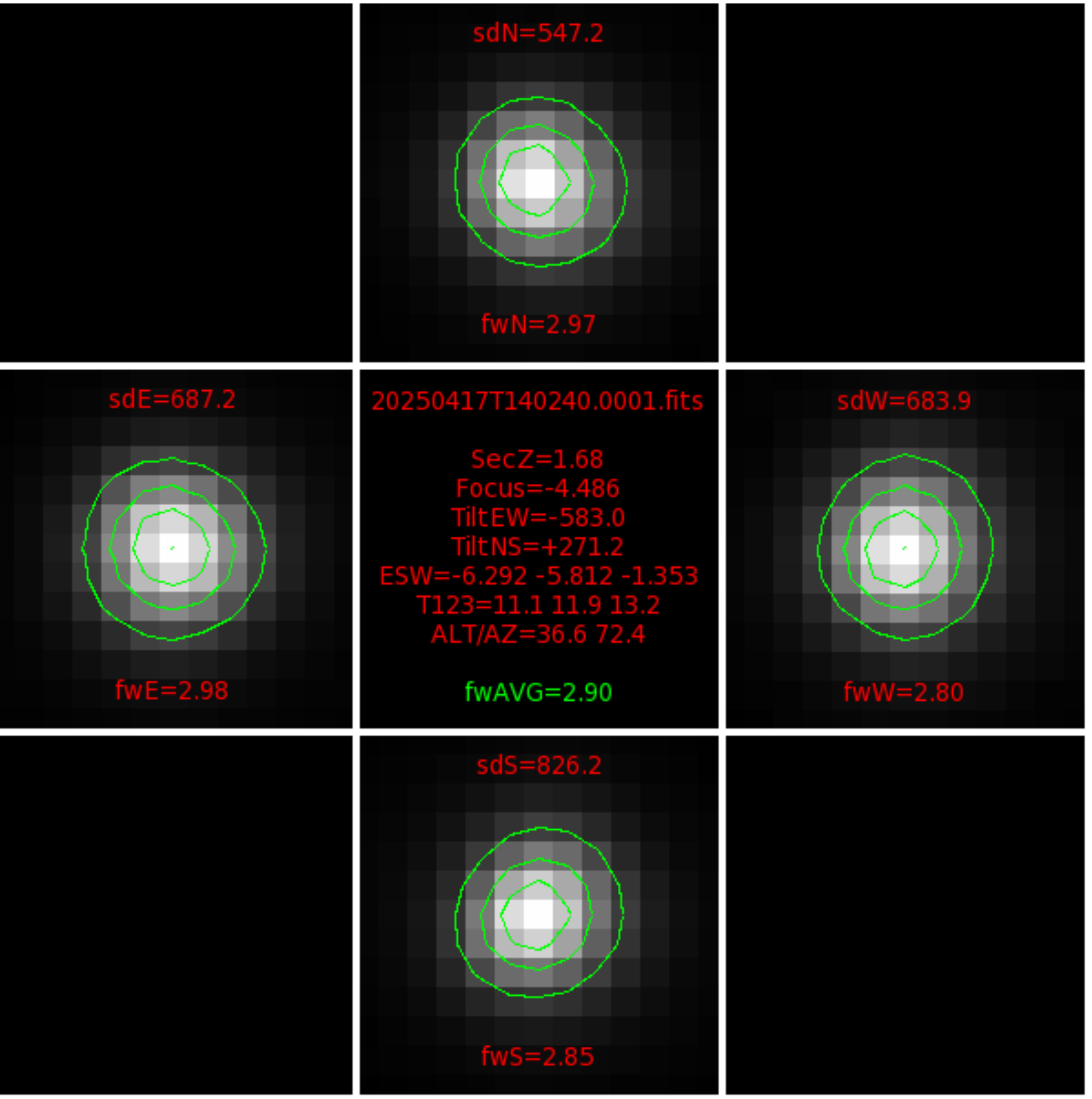
sdN=547.2
fwN=2.97
sdE=687.2
fwE=2.98
20250417T140240.0001.fits
SecZ=1.68
Focus=-4.486
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.292 -5.812 -1.353
T123=11.1 11.9 13.2
ALT/AZ=36.6 72.4
fwAVG=2.90
sdW=683.9
fwW=2.80
sdS=826.2
fwS=2.85
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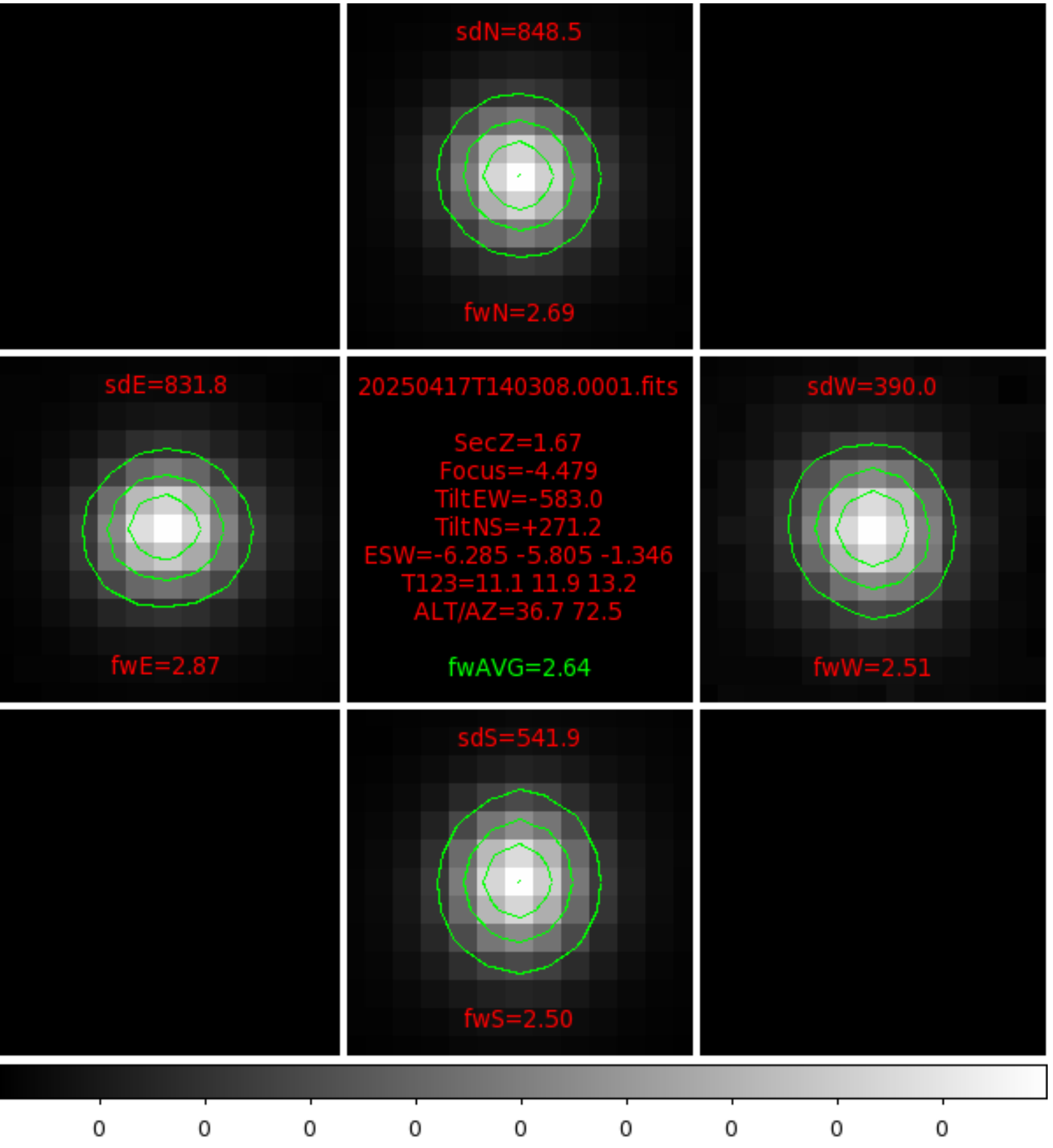
sdN=848.5
fwN=2.69
sdE=831.8
fwE=2.87
20250417T140308.0001.fits
SecZ=1.67
Focus=-4.479
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.285 -5.805 -1.346
T123=11.1 11.9 13.2
ALT/AZ=36.7 72.5
fwAVG=2.64
sdW=390.0
fwW=2.51
sdS=541.9
fwS=2.50
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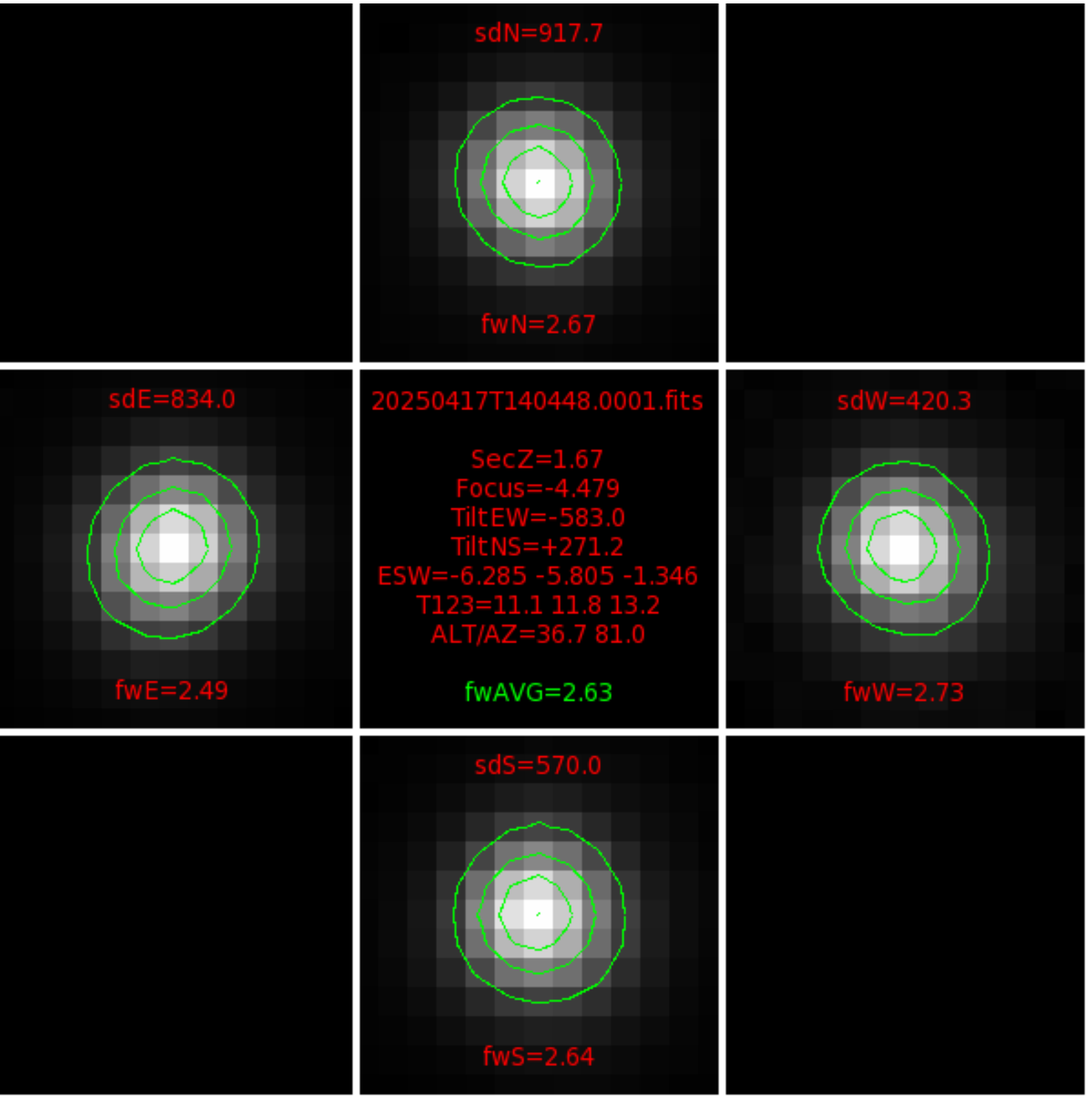
sdN=917.7
fwN=2.67
sdE=834.0
fwE=2.49
20250417T140448.0001.fits
SecZ=1.67
Focus=-4.479
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.285 -5.805 -1.346
T123=11.1 11.8 13.2
ALT/AZ=36.7 81.0
fwAVG=2.63
sdW=420.3
fwW=2.73
sdS=570.0
fwS=2.64
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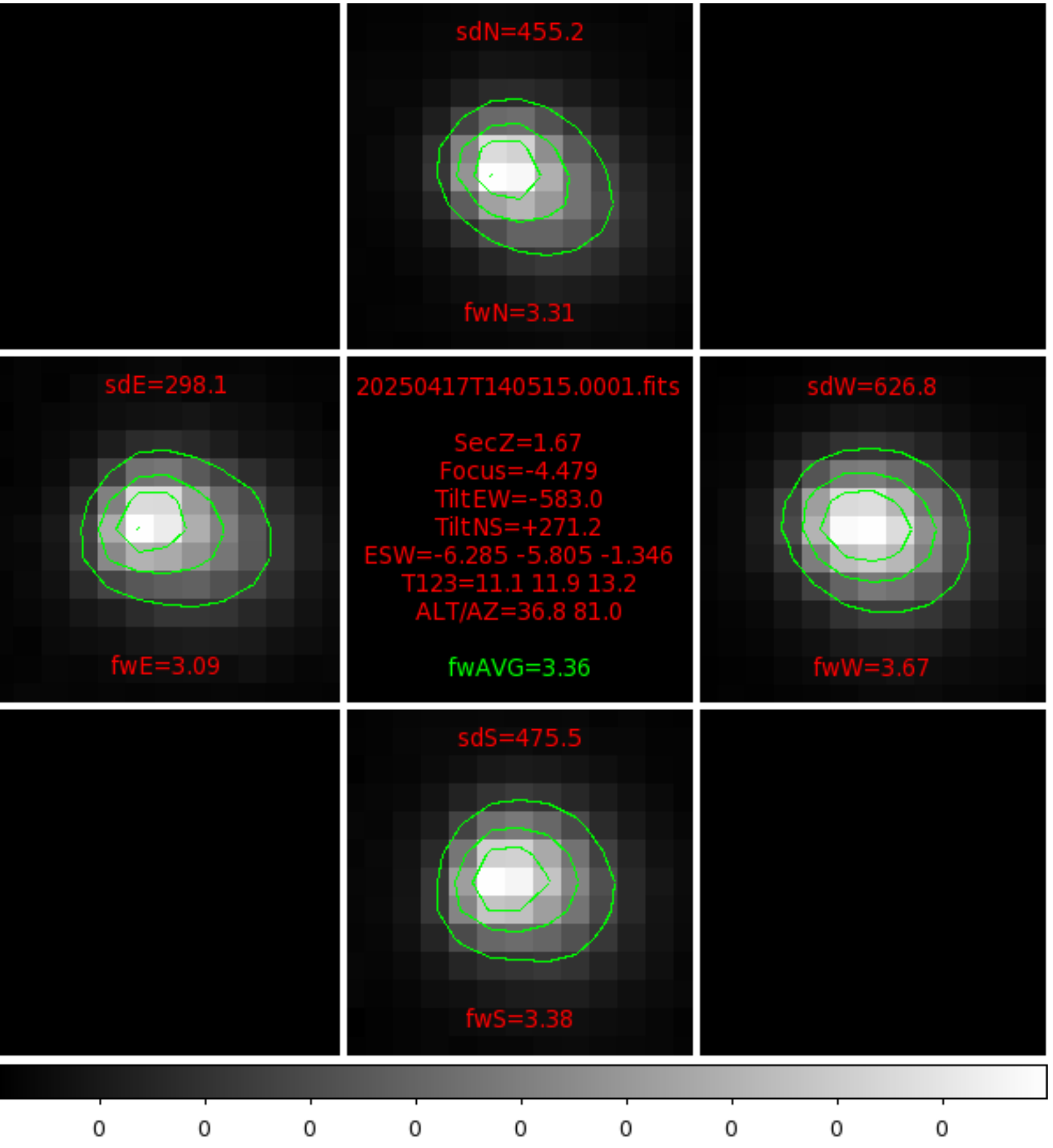
sdN=455.2
fwN=3.31
sdE=298.1
fwE=3.09
20250417T140515.0001.fits
SecZ=1.67
Focus=-4.479
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.285 -5.805 -1.346
T123=11.1 11.9 13.2
ALT/AZ=36.8 81.0
fwAVG=3.36
sdW=626.8
fwW=3.67
sdS=475.5
fwS=3.38
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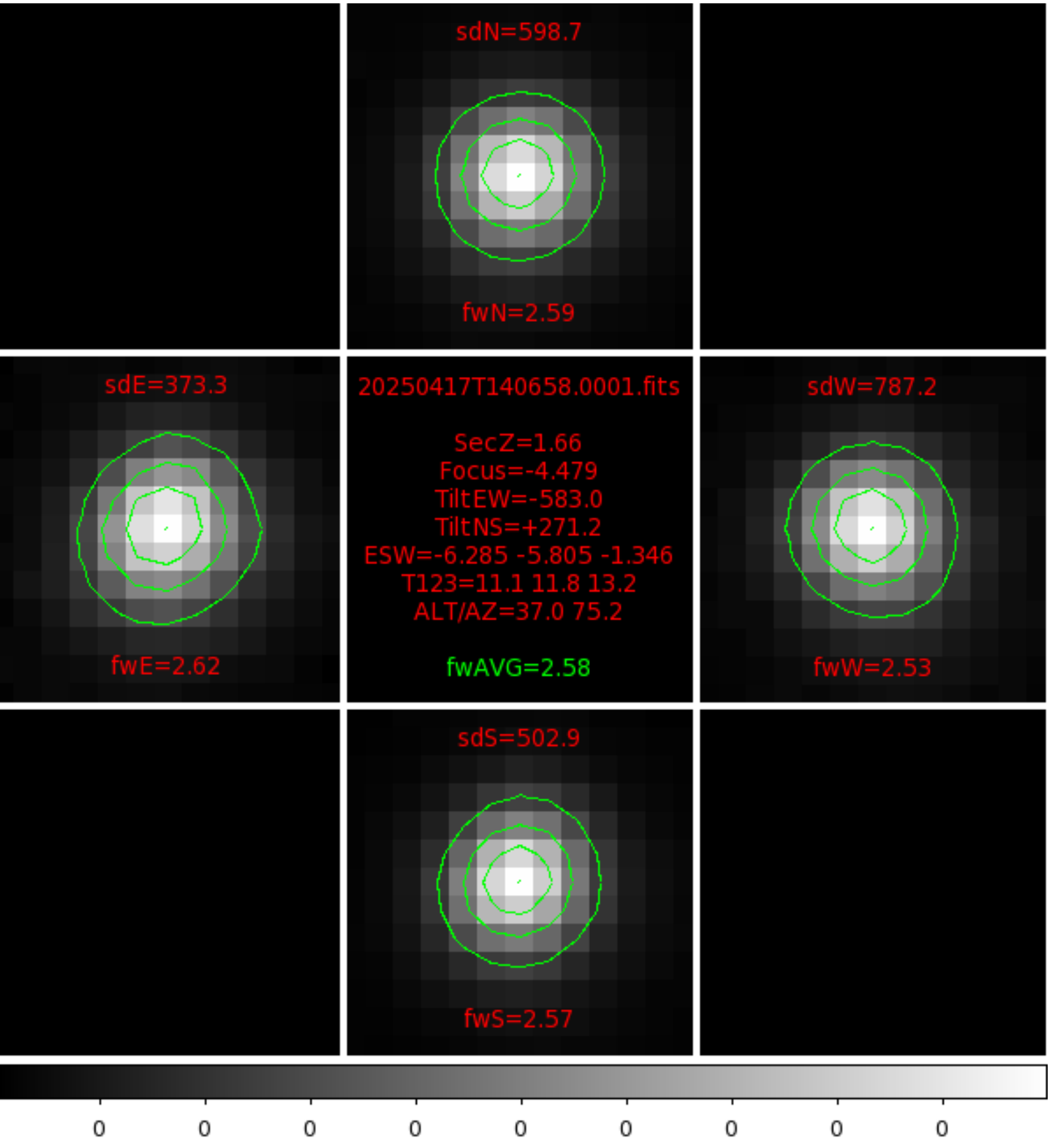
sdN=598.7
fwN=2.59
sdE=373.3
fwE=2.62
20250417T140658.0001.fits
SecZ=1.66
Focus=-4.479
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.285 -5.805 -1.346
T123=11.1 11.8 13.2
ALT/AZ=37.0 75.2
fwAVG=2.58
sdW=787.2
fwW=2.53
sdS=502.9
fwS=2.57
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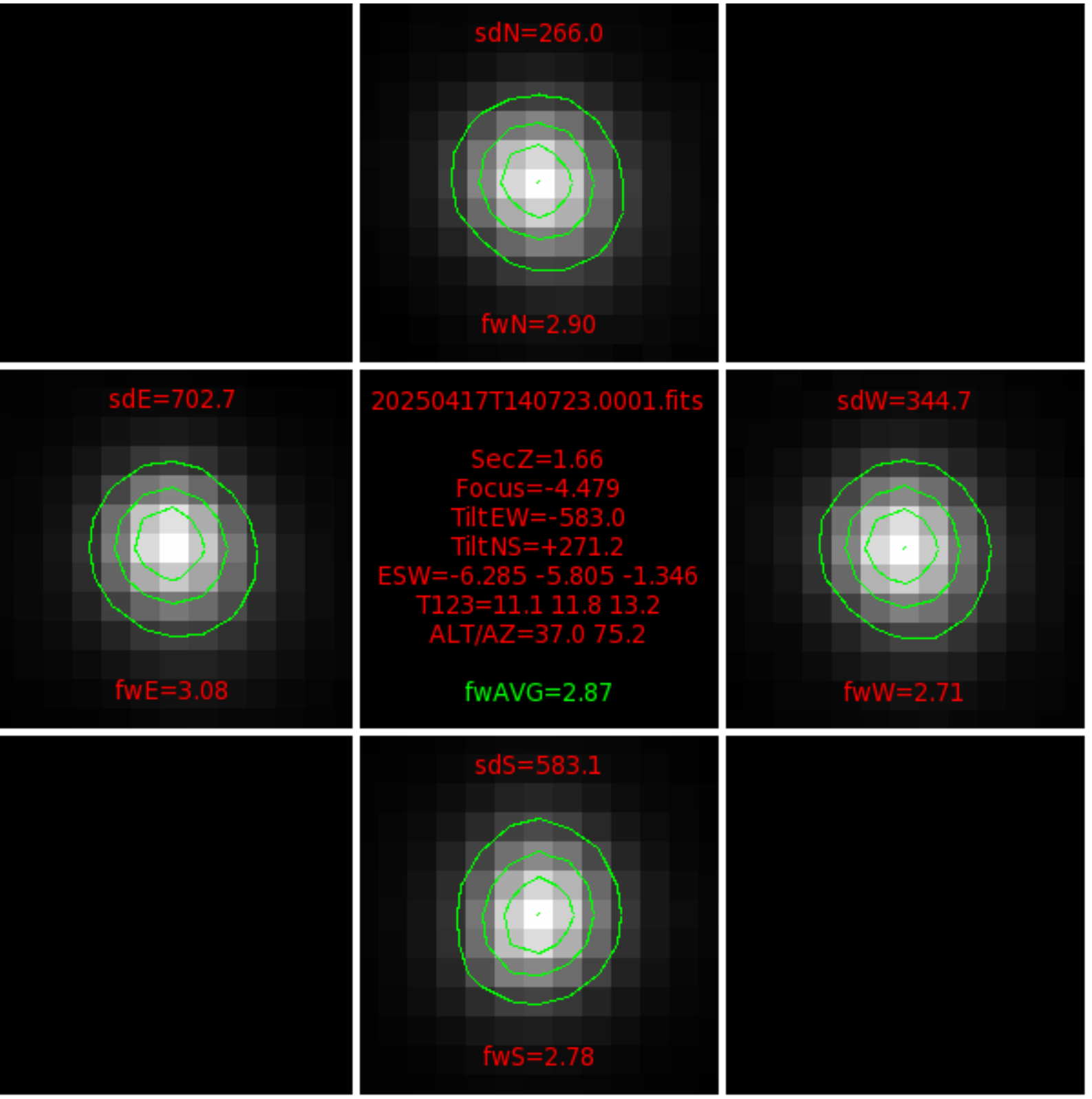
sdN=266.0
fwN=2.90
sdE=702.7
fwE=3.08
20250417T140723.0001.fits
SecZ=1.66
Focus=-4.479
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.285 -5.805 -1.346
T123=11.1 11.8 13.2
ALT/AZ=37.0 75.2
fwAVG=2.87
sdW=344.7
fwW=2.71
sdS=583.1
fwS=2.78
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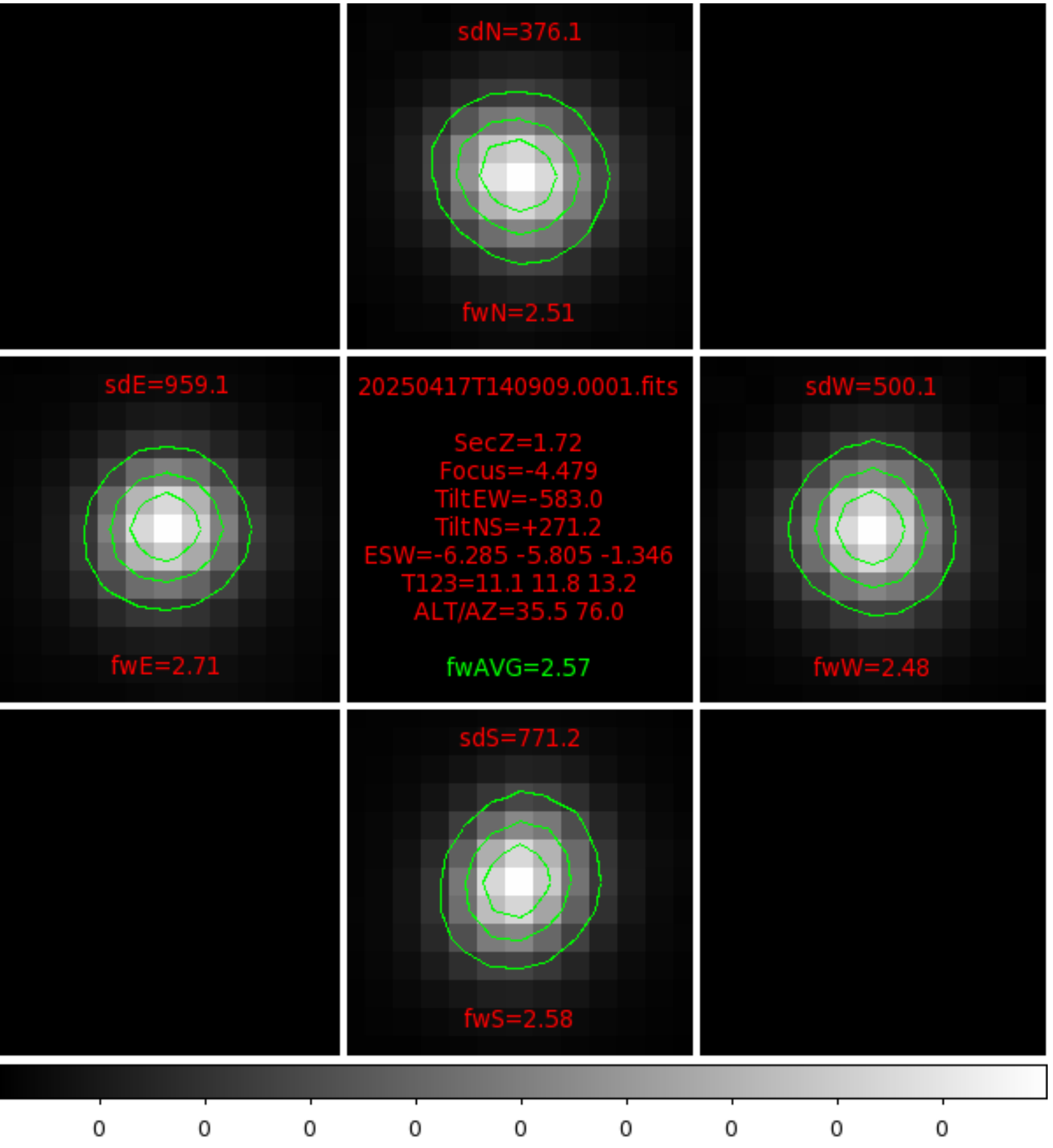
sdN=376.1
fwN=2.51
sdE=959.1
fwE=2.71
20250417T140909.0001.fits
SecZ=1.72
Focus=-4.479
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.285 -5.805 -1.346
T123=11.1 11.8 13.2
ALT/AZ=35.5 76.0
fwAVG=2.57
sdW=500.1
fwW=2.48
sdS=771.2
fwS=2.58
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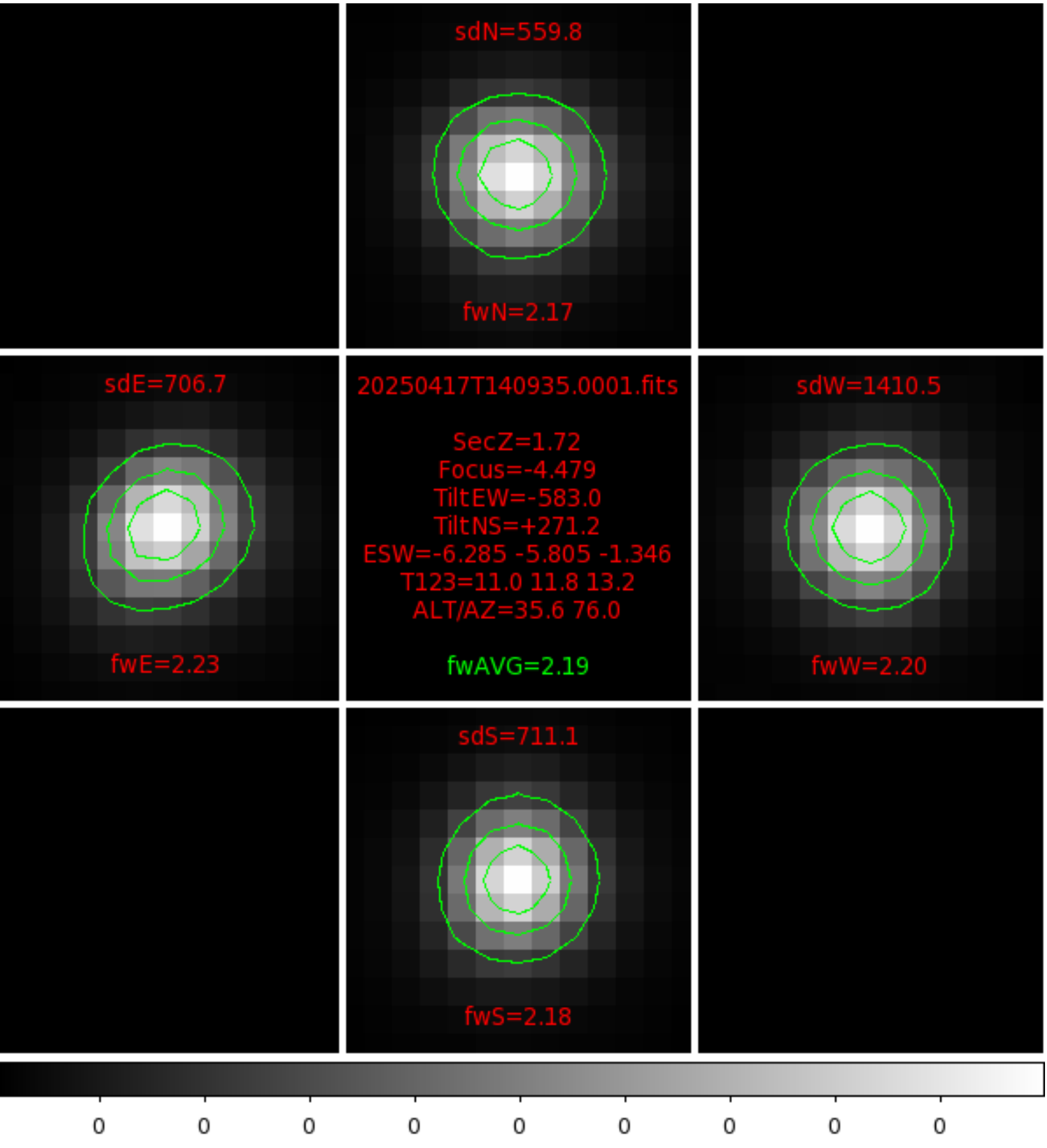
sdN=559.8
fwN=2.17
sdE=706.7
fwE=2.23
20250417T140935.0001.fits
SecZ=1.72
Focus=-4.479
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.285 -5.805 -1.346
T123=11.0 11.8 13.2
ALT/AZ=35.6 76.0
fwAVG=2.19
sdW=1410.5
fwW=2.20
sdS=711.1
fwS=2.18
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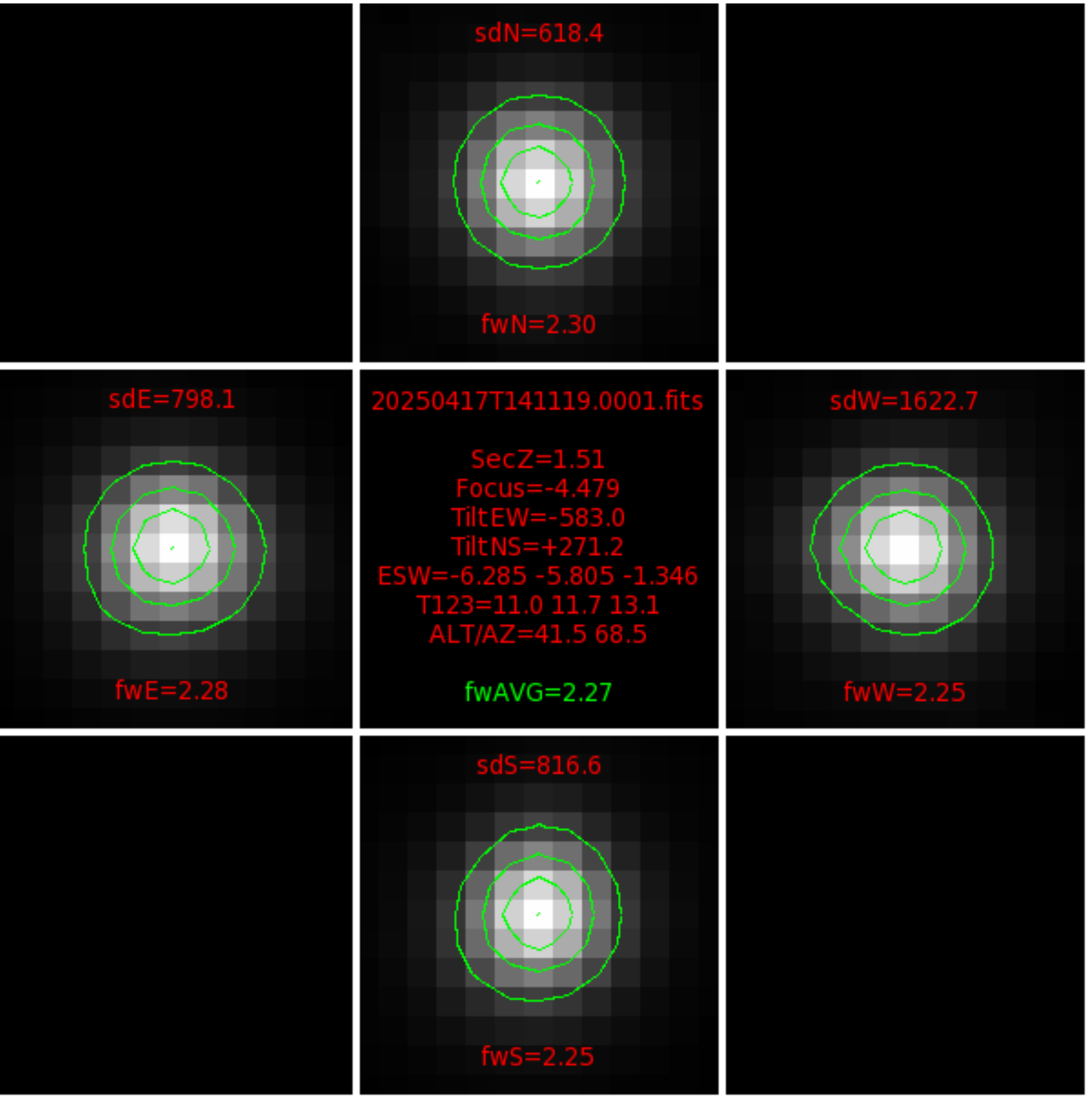
sdN=618.4
fwN=2.30
sdE=798.1
fwE=2.28
20250417T141119.0001.fits
SecZ=1.51
Focus=-4.479
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.285 -5.805 -1.346
T123=11.0 11.7 13.1
ALT/AZ=41.5 68.5
fwAVG=2.27
sdW=1622.7
fwW=2.25
sdS=816.6
fwS=2.25
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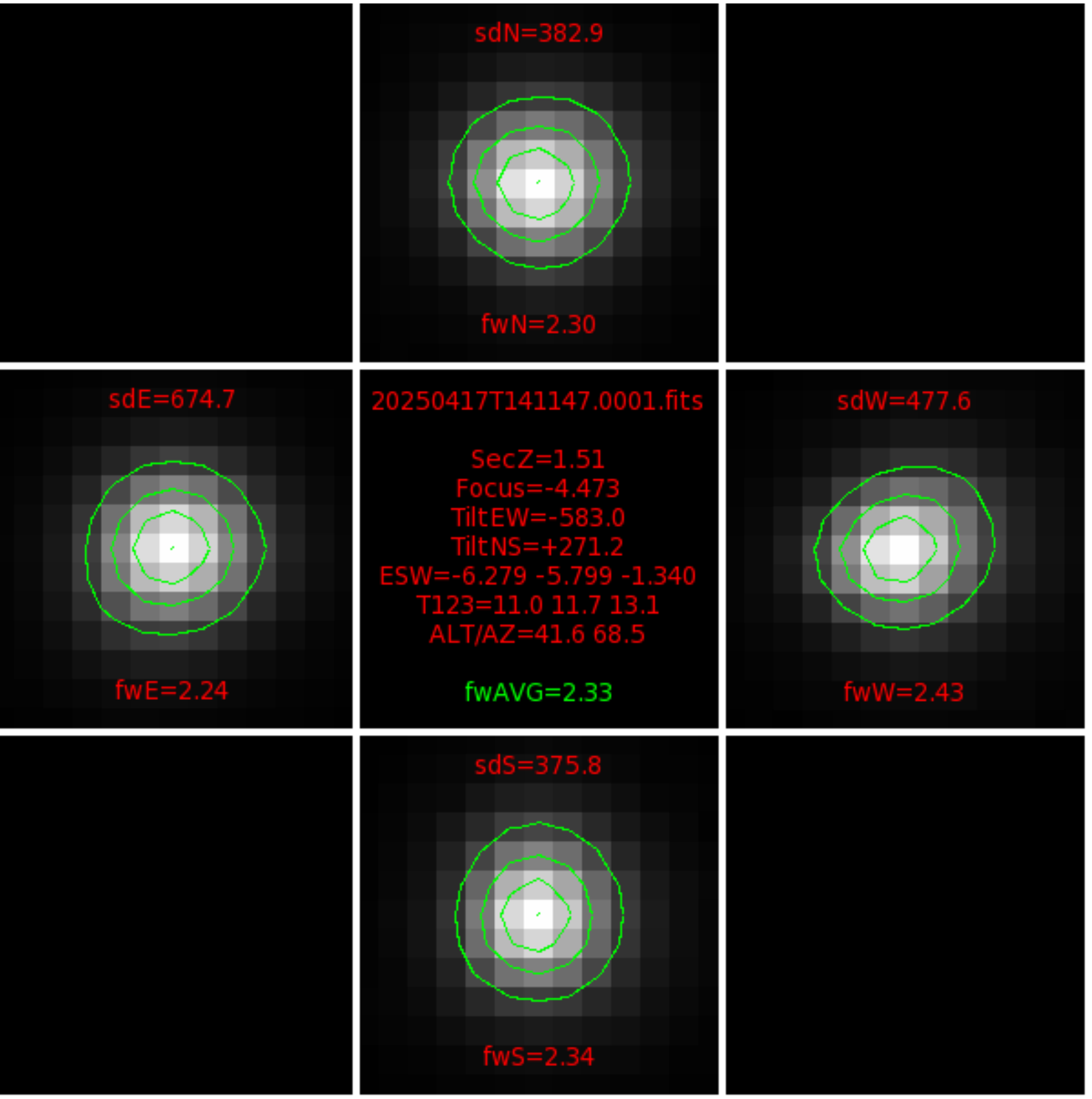
sdN=382.9
fwN=2.30
sdE=674.7
fwE=2.24
20250417T141147.0001.fits
SecZ=1.51
Focus=-4.473
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.279 -5.799 -1.340
T123=11.0 11.7 13.1
ALT/AZ=41.6 68.5
fwAVG=2.33
sdW=477.6
fwW=2.43
sdS=375.8
fwS=2.34
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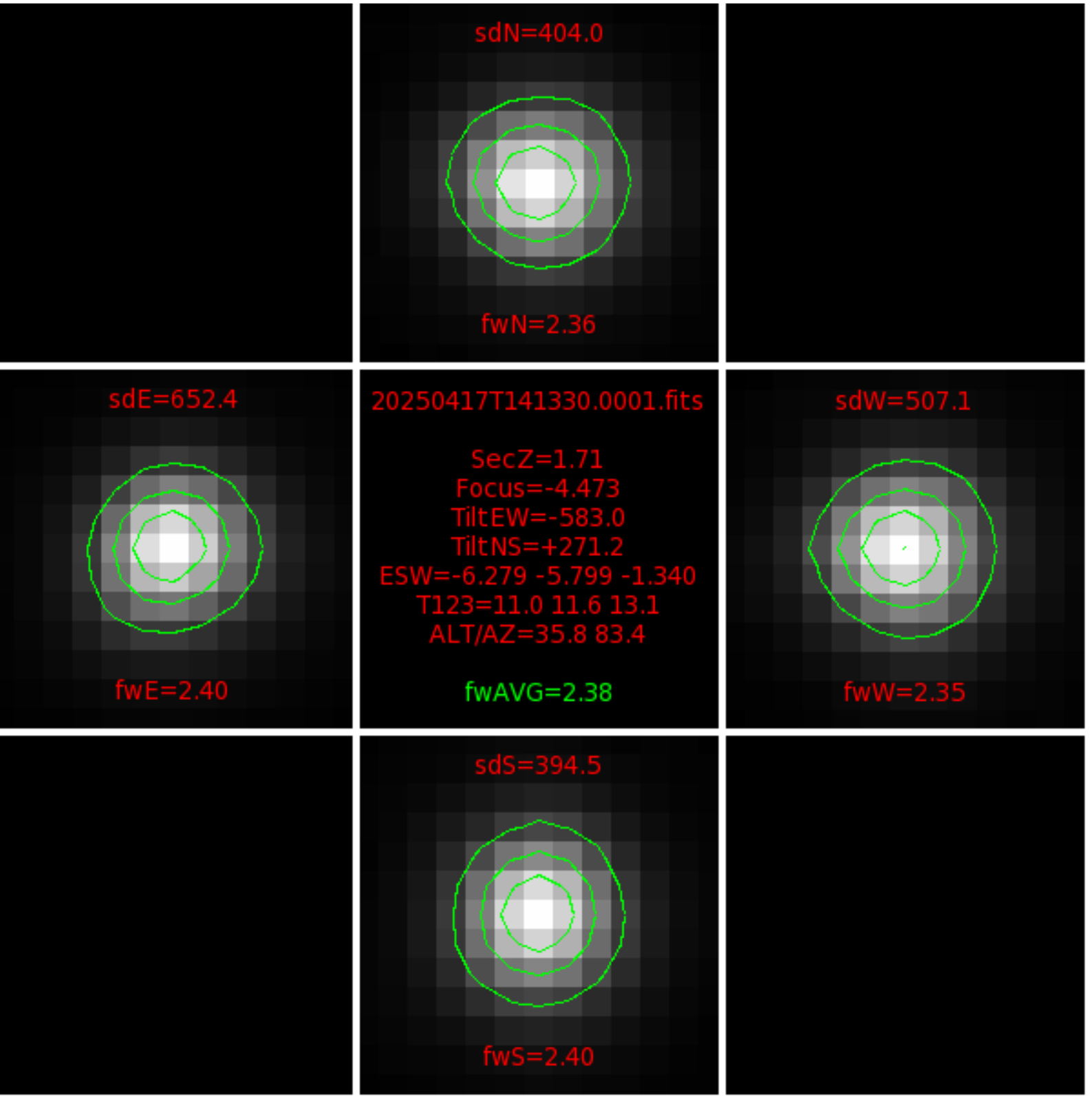
sdN=404.0
fwN=2.36
sdE=652.4
fwE=2.40
20250417T141330.0001.fits
SecZ=1.71
Focus=-4.473
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.279 -5.799 -1.340
T123=11.0 11.6 13.1
ALT/AZ=35.8 83.4
fwAVG=2.38
sdW=507.1
fwW=2.35
sdS=394.5
fwS=2.40
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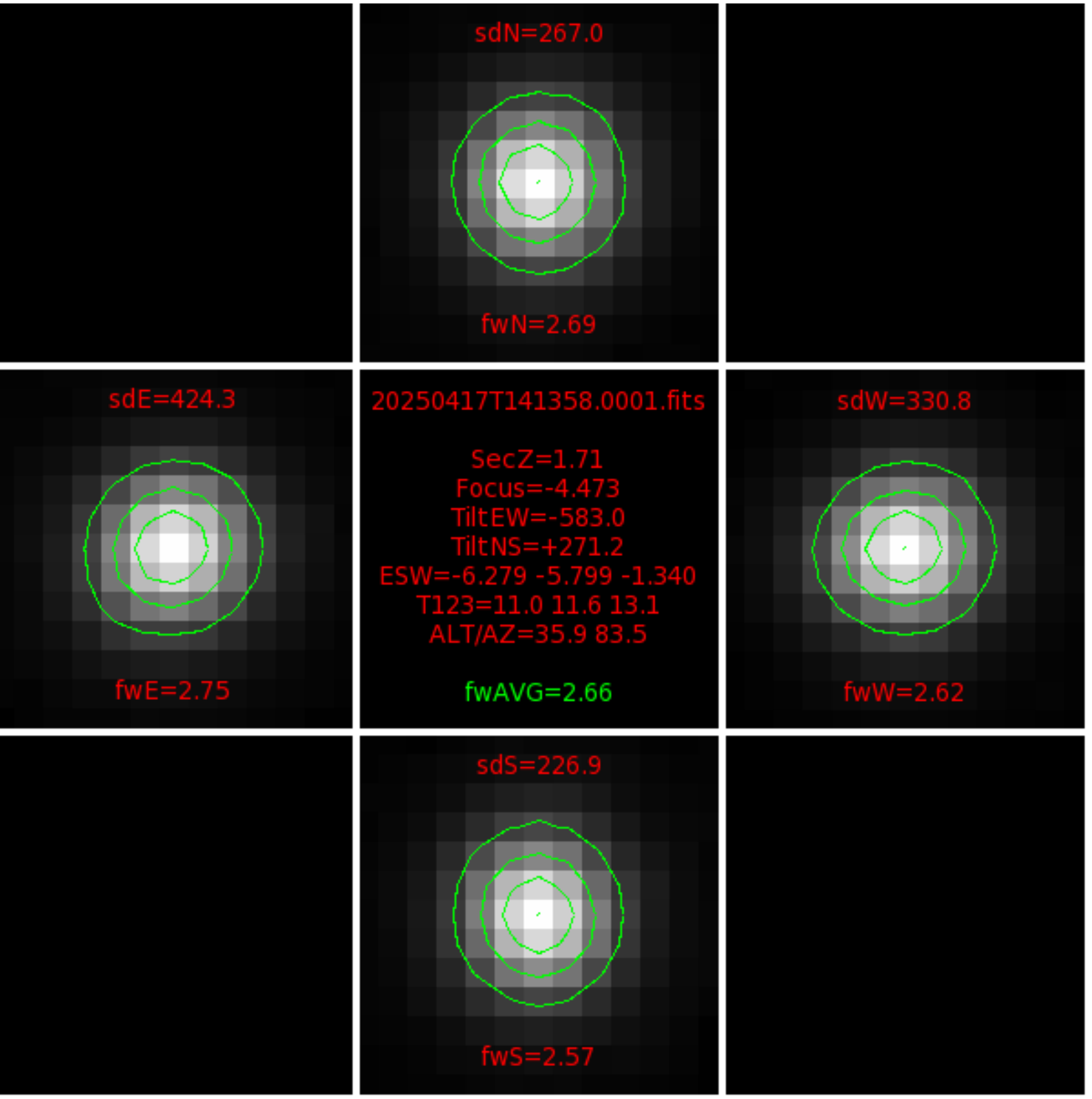
sdN=267.0
fwN=2.69
sdE=424.3
fwE=2.75
20250417T141358.0001.fits
SecZ=1.71
Focus=-4.473
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.279 -5.799 -1.340
T123=11.0 11.6 13.1
ALT/AZ=35.9 83.5
fwAVG=2.66
sdW=330.8
fwW=2.62
sdS=226.9
fwS=2.57
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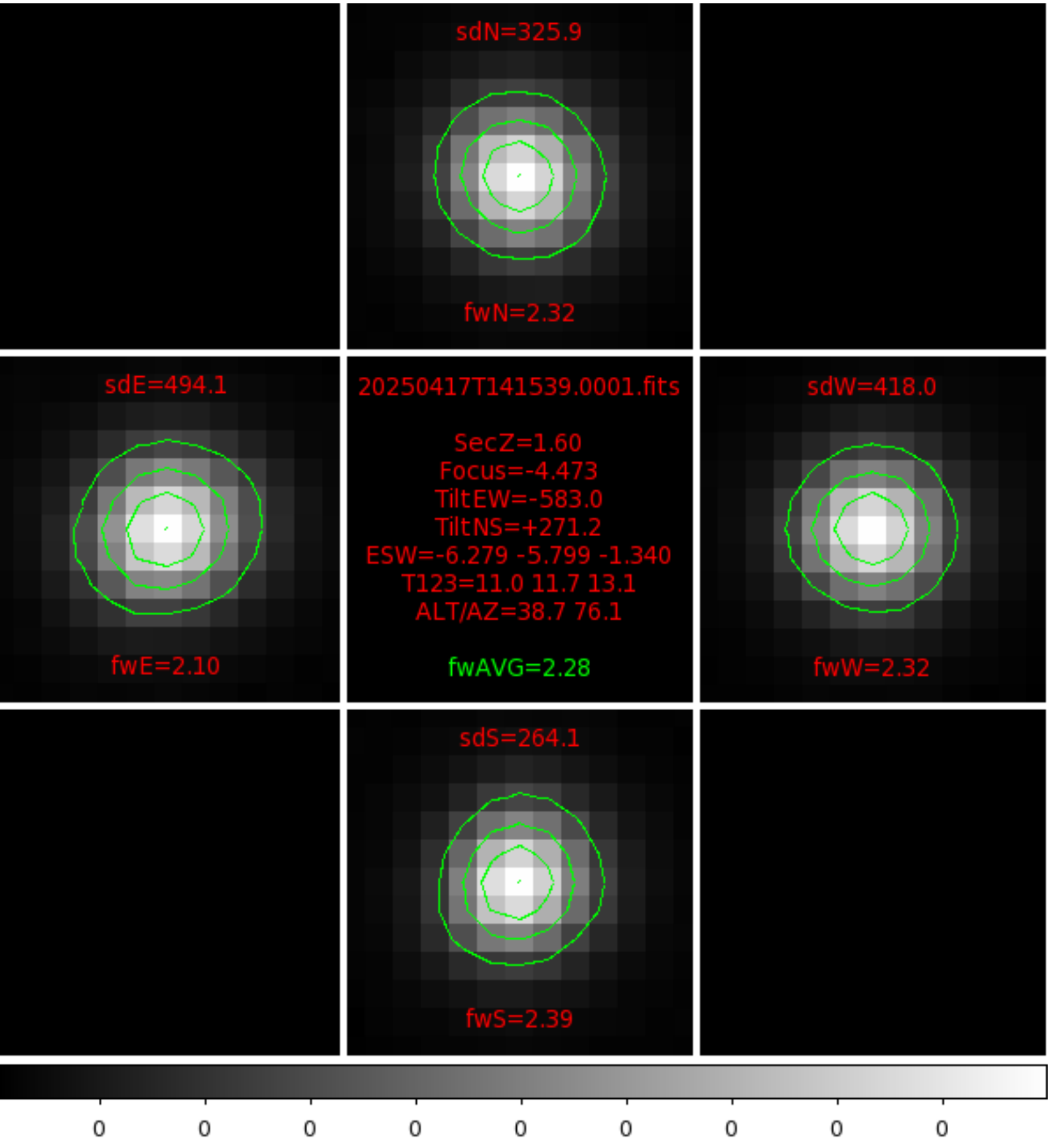
sdN=325.9
fwN=2.32
sdE=494.1
fwE=2.10
20250417T141539.0001.fits
SecZ=1.60
Focus=-4.473
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.279 -5.799 -1.340
T123=11.0 11.7 13.1
ALT/AZ=38.7 76.1
fwAVG=2.28
sdW=418.0
fwW=2.32
sdS=264.1
fwS=2.39
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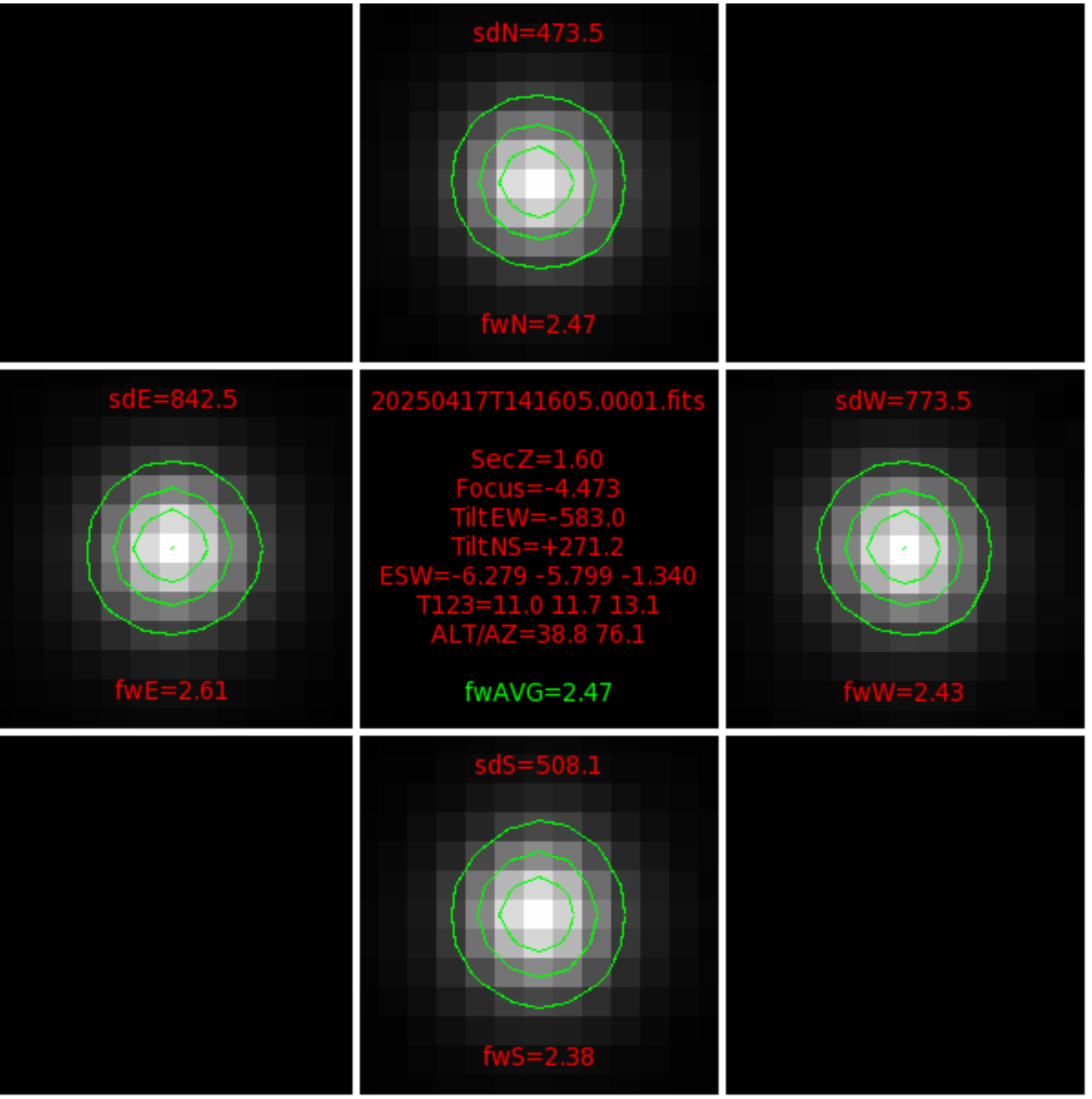
sdN=473.5
fwN=2.47
sdE=842.5
fwE=2.61
20250417T141605.0001.fits
SecZ=1.60
Focus=-4.473
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.279 -5.799 -1.340
T123=11.0 11.7 13.1
ALT/AZ=38.8 76.1
fwAVG=2.47
sdW=773.5
fwW=2.43
sdS=508.1
fwS=2.38
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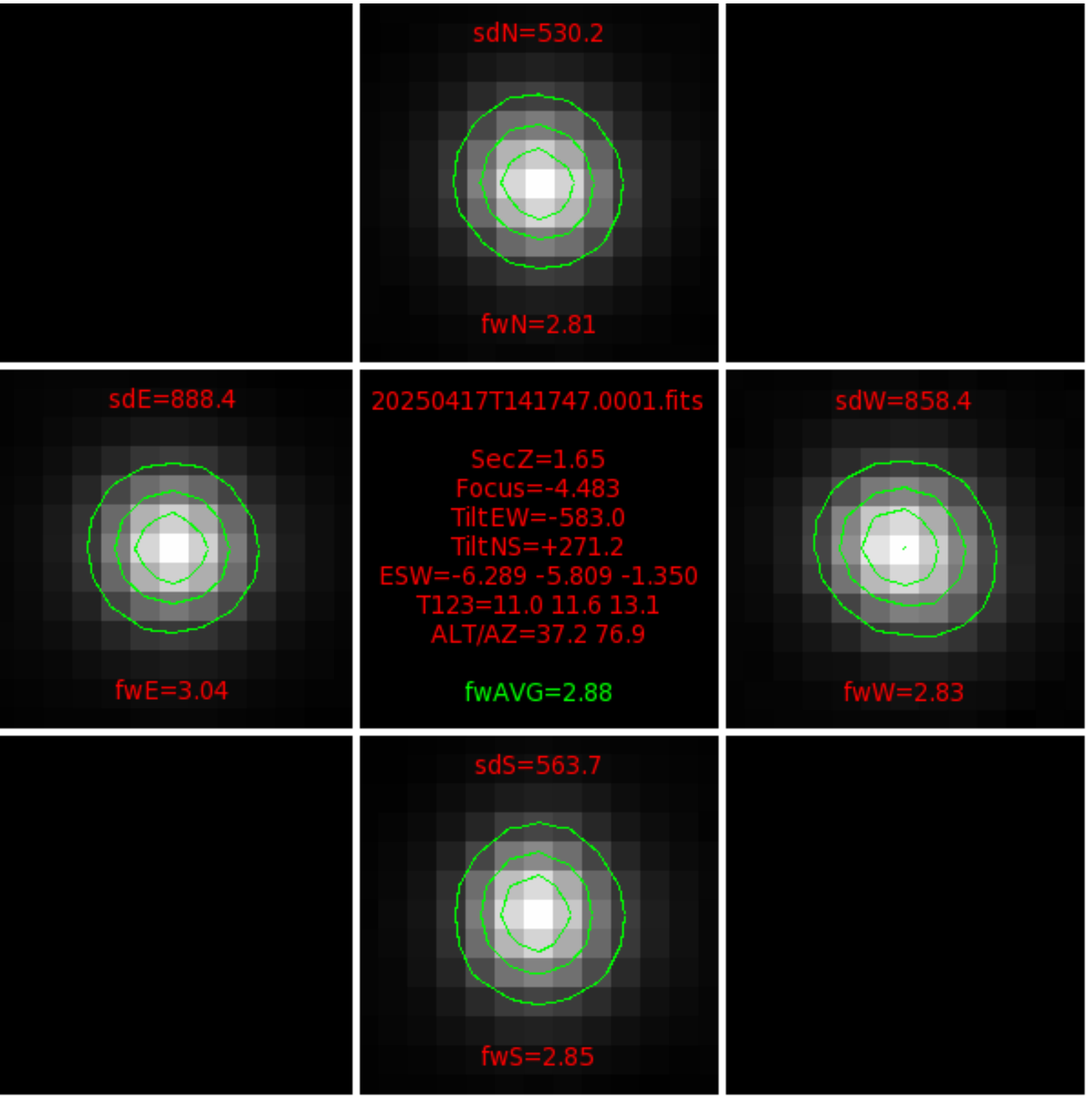
sdN=530.2
fwN=2.81
sdE=888.4
fwE=3.04
20250417T141747.0001.fits
SecZ=1.65
Focus=-4.483
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.289 -5.809 -1.350
T123=11.0 11.6 13.1
ALT/AZ=37.2 76.9
fwAVG=2.88
sdW=858.4
fwW=2.83
sdS=563.7
fwS=2.85
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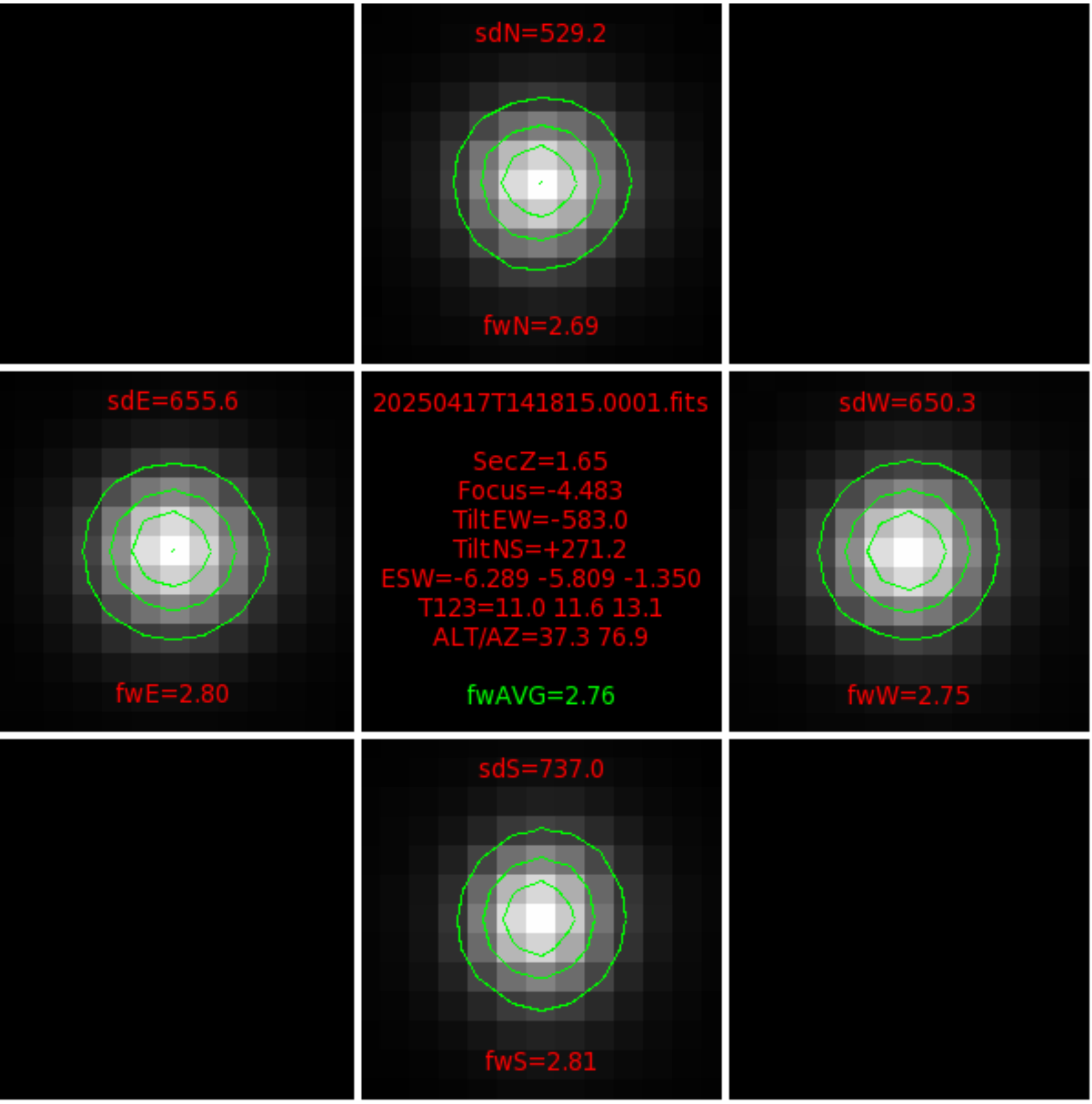
sdN=529.2
fwN=2.69
sdE=655.6
fwE=2.80
20250417T141815.0001.fits
SecZ=1.65
Focus=-4.483
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.289 -5.809 -1.350
T123=11.0 11.6 13.1
ALT/AZ=37.3 76.9
fwAVG=2.76
sdW=650.3
fwW=2.75
sdS=737.0
fwS=2.81
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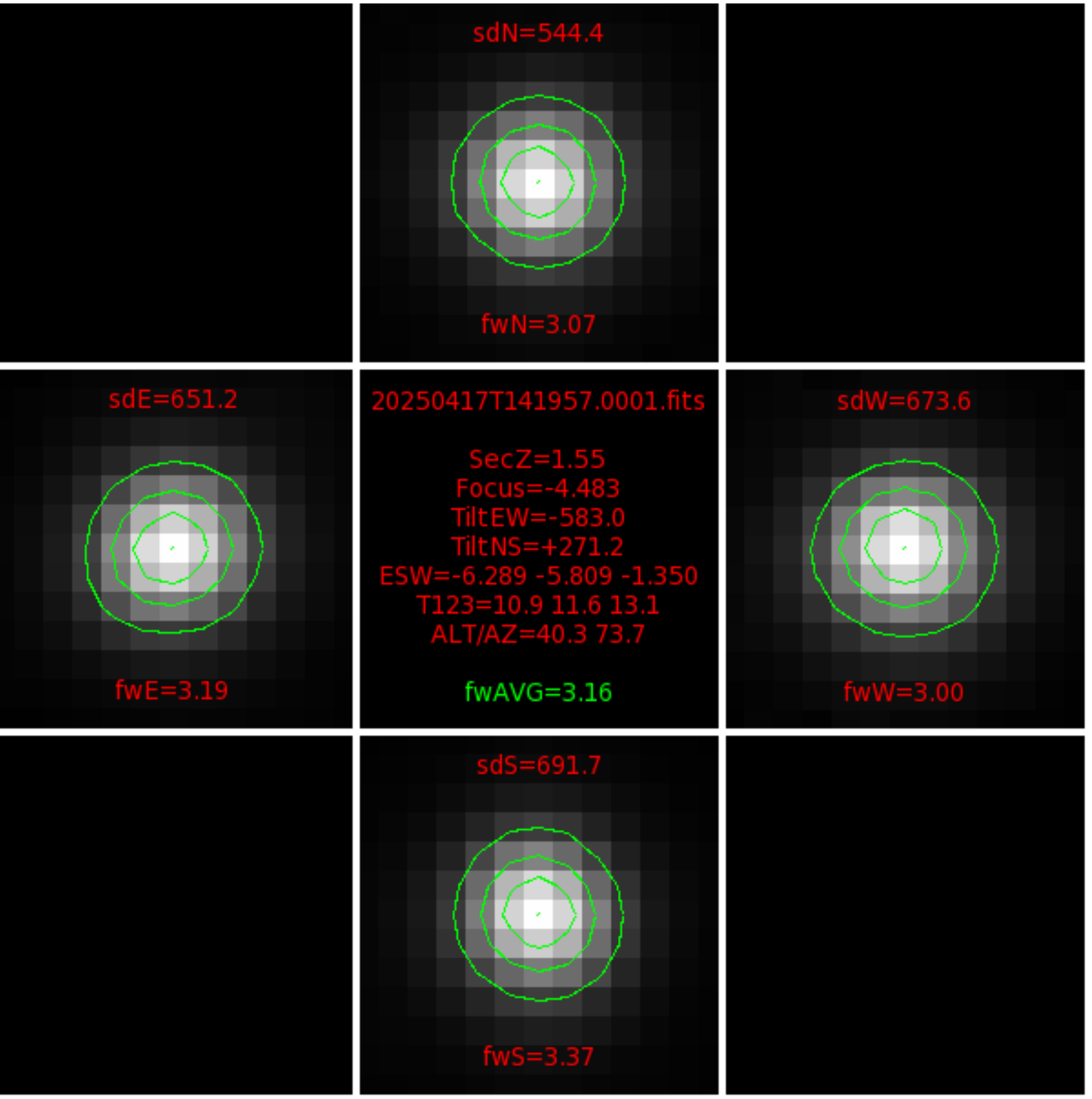
sdN=544.4
fwN=3.07
sdE=651.2
fwE=3.19
20250417T141957.0001.fits
SecZ=1.55
Focus=-4.483
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.289 -5.809 -1.350
T123=10.9 11.6 13.1
ALT/AZ=40.3 73.7
fwAVG=3.16
sdW=673.6
fwW=3.00
sdS=691.7
fwS=3.37
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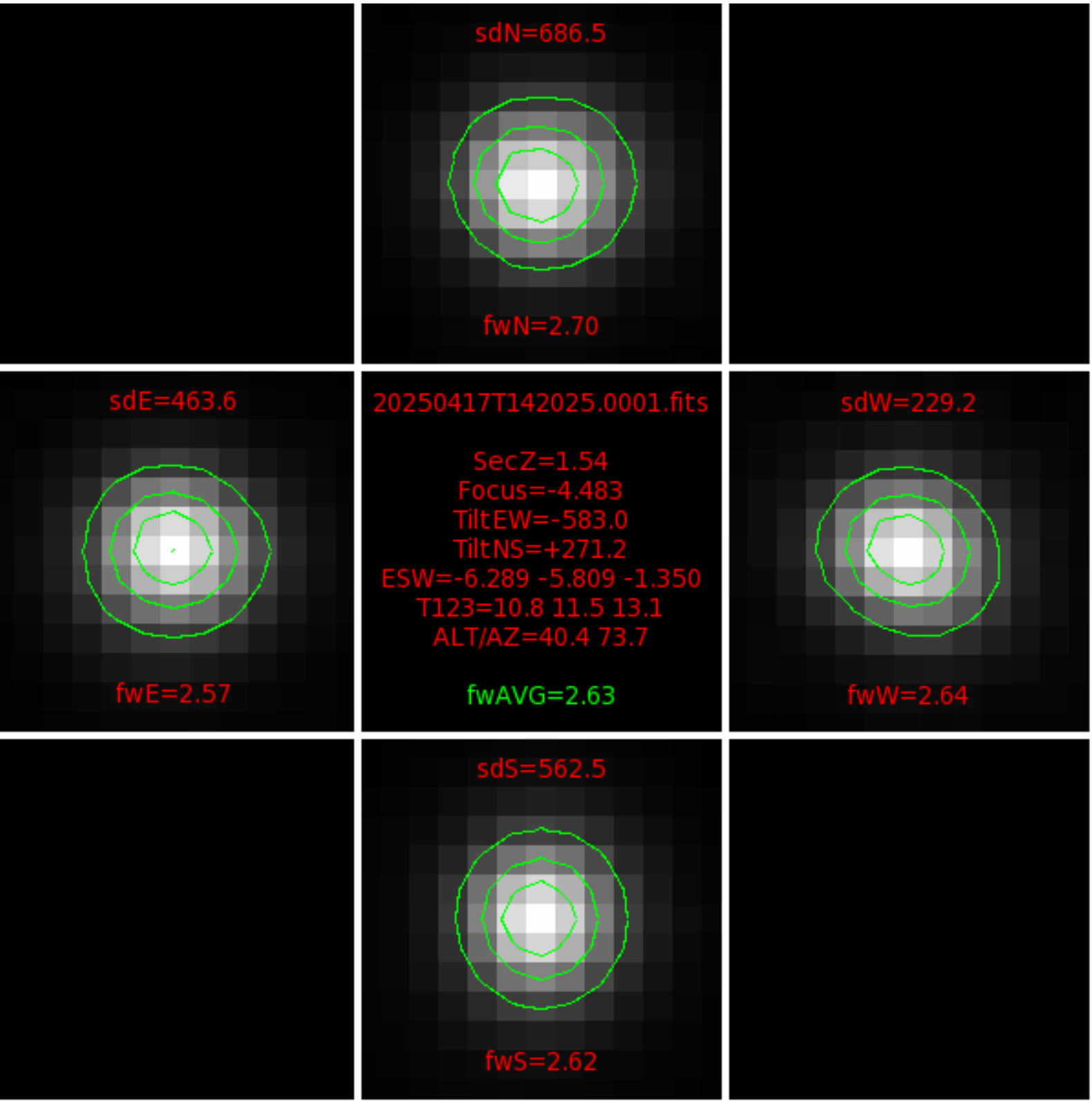
sdN=686.5
fwN=2.70
sdE=463.6
fwE=2.57
20250417T142025.0001.fits
SecZ=1.54
Focus=-4.483
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.289 -5.809 -1.350
T123=10.8 11.5 13.1
ALT/AZ=40.4 73.7
fwAVG=2.63
sdW=229.2
fwW=2.64
sdS=562.5
fwS=2.62
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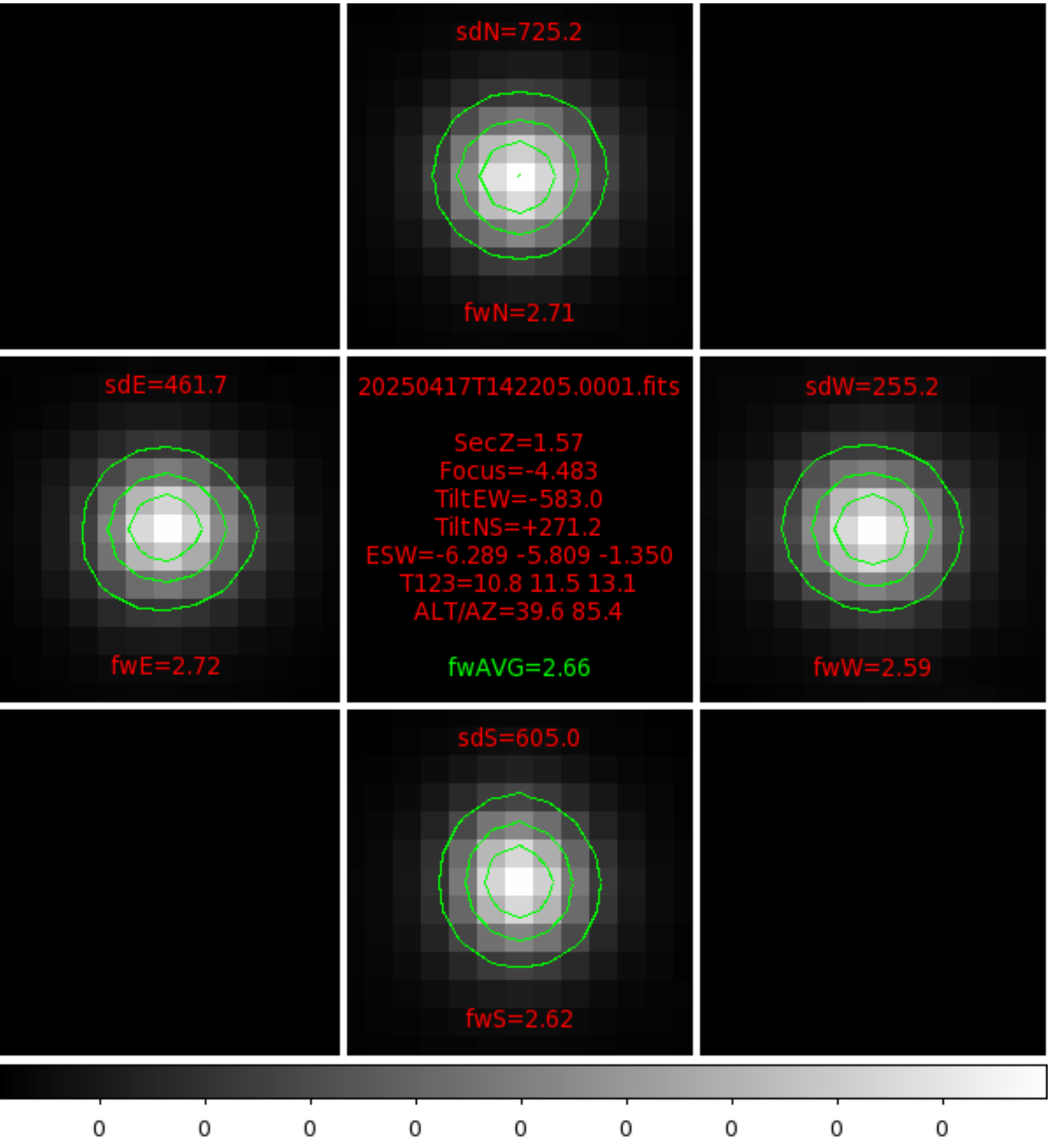
sdN=725.2
fwN=2.71
sdE=461.7
fwE=2.72
20250417T142205.0001.fits
SecZ=1.57
Focus=-4.483
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.289 -5.809 -1.350
T123=10.8 11.5 13.1
ALT/AZ=39.6 85.4
fwAVG=2.66
sdW=255.2
fwW=2.59
sdS=605.0
fwS=2.62
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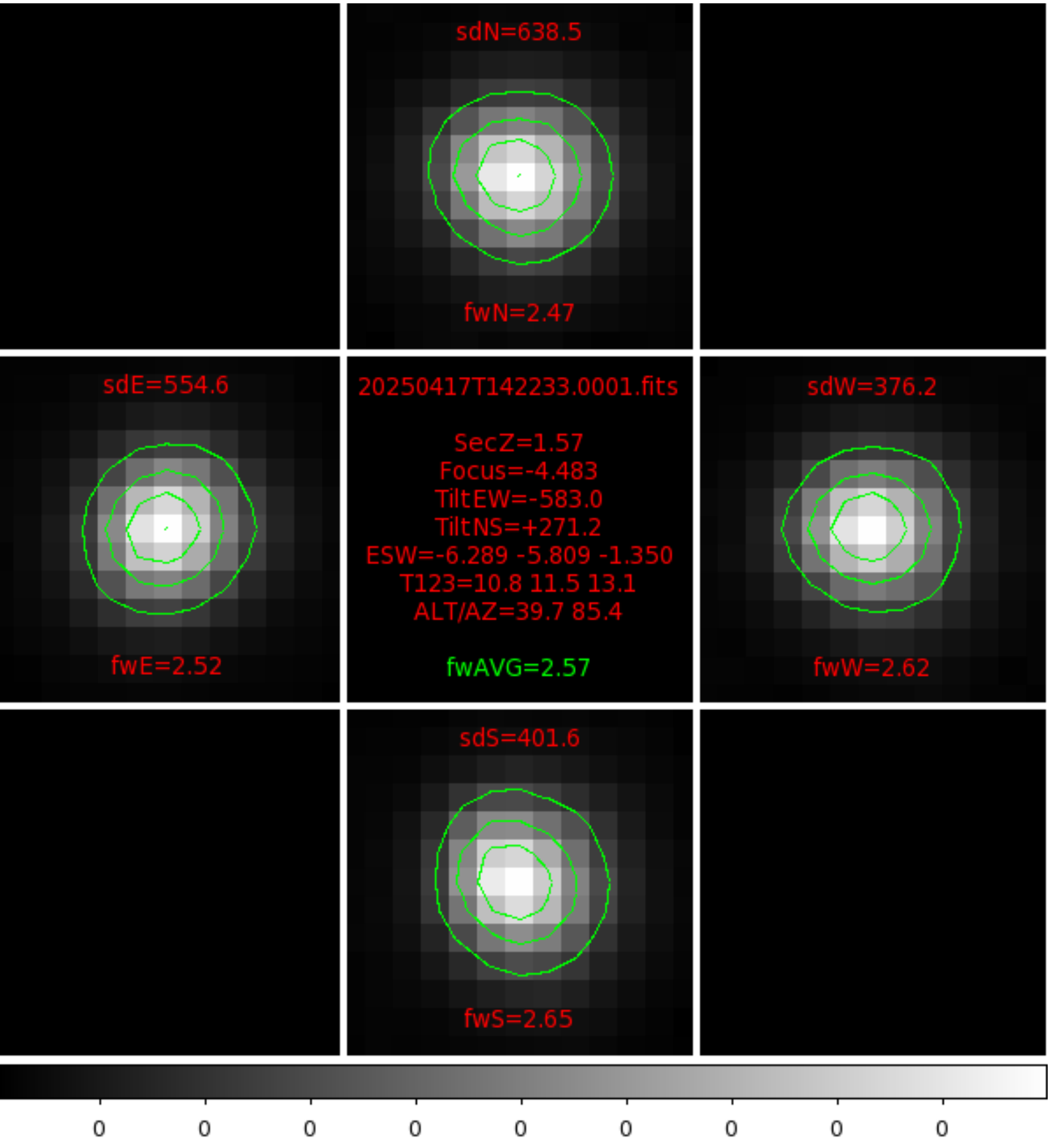
sdN=638.5
fwN=2.47
sdE=554.6
fwE=2.52
20250417T142233.0001.fits
SecZ=1.57
Focus=-4.483
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.289 -5.809 -1.350
T123=10.8 11.5 13.1
ALT/AZ=39.7 85.4
fwAVG=2.57
sdW=376.2
fwW=2.62
sdS=401.6
fwS=2.65
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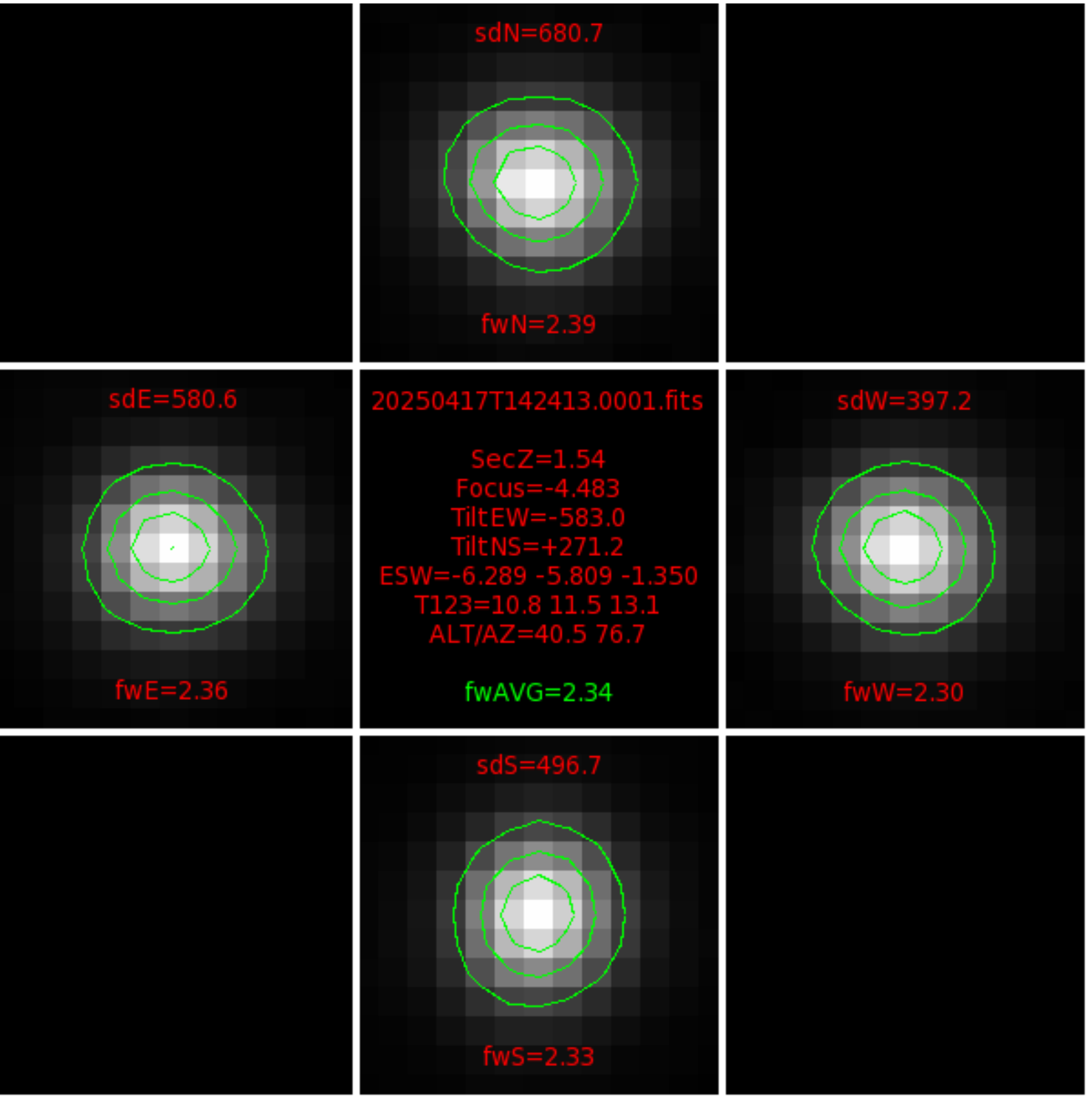
sdN=680.7
fwN=2.39
sdE=580.6
fwE=2.36
20250417T142413.0001.fits
SecZ=1.54
Focus=-4.483
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.289 -5.809 -1.350
T123=10.8 11.5 13.1
ALT/AZ=40.5 76.7
fwAVG=2.34
sdW=397.2
fwW=2.30
sdS=496.7
fwS=2.33
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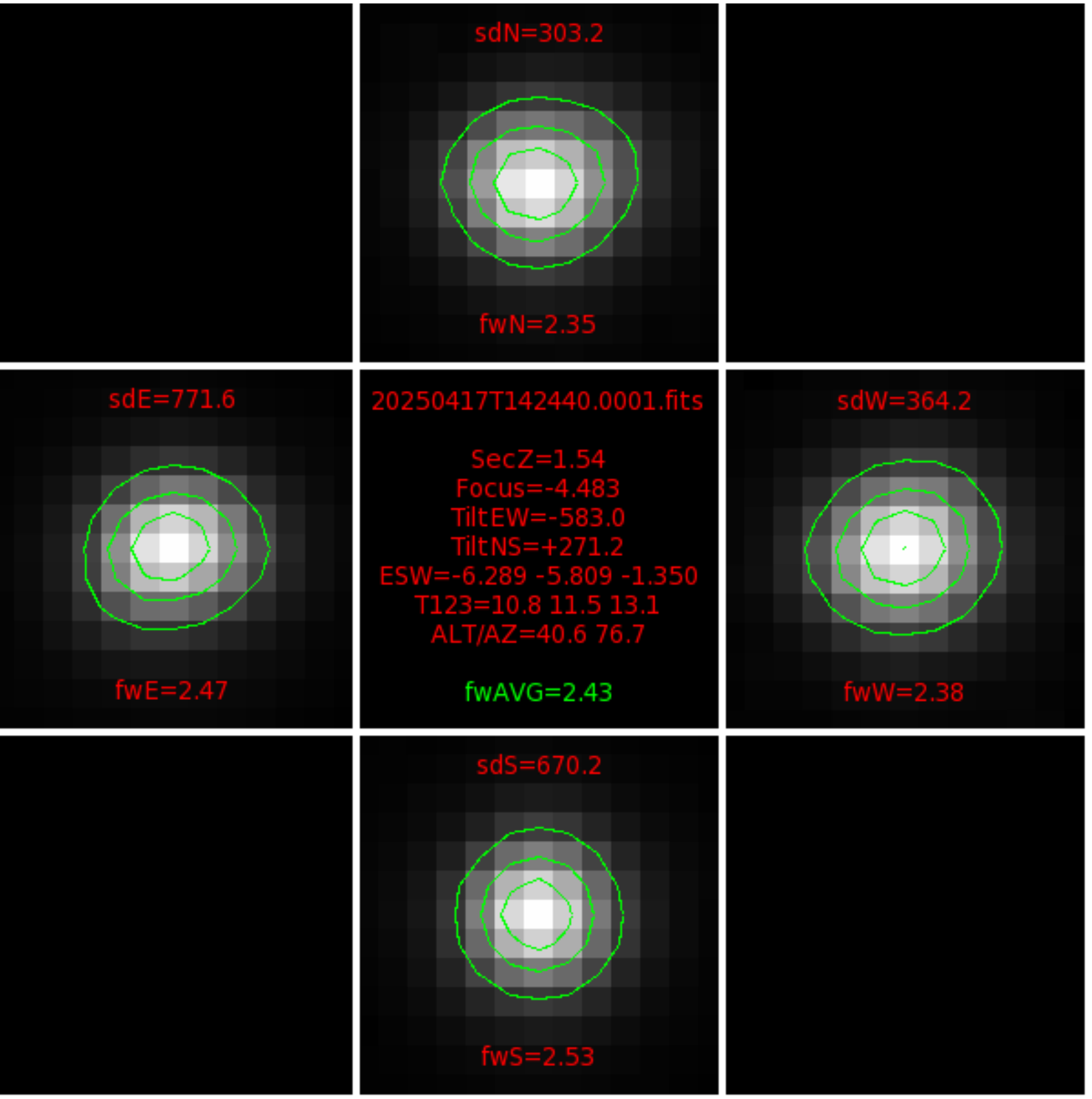
sdN=303.2
fwN=2.35
sdE=771.6
fwE=2.47
20250417T142440.0001.fits
SecZ=1.54
Focus=-4.483
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.289 -5.809 -1.350
T123=10.8 11.5 13.1
ALT/AZ=40.6 76.7
fwAVG=2.43
sdW=364.2
fwW=2.38
sdS=670.2
fwS=2.53
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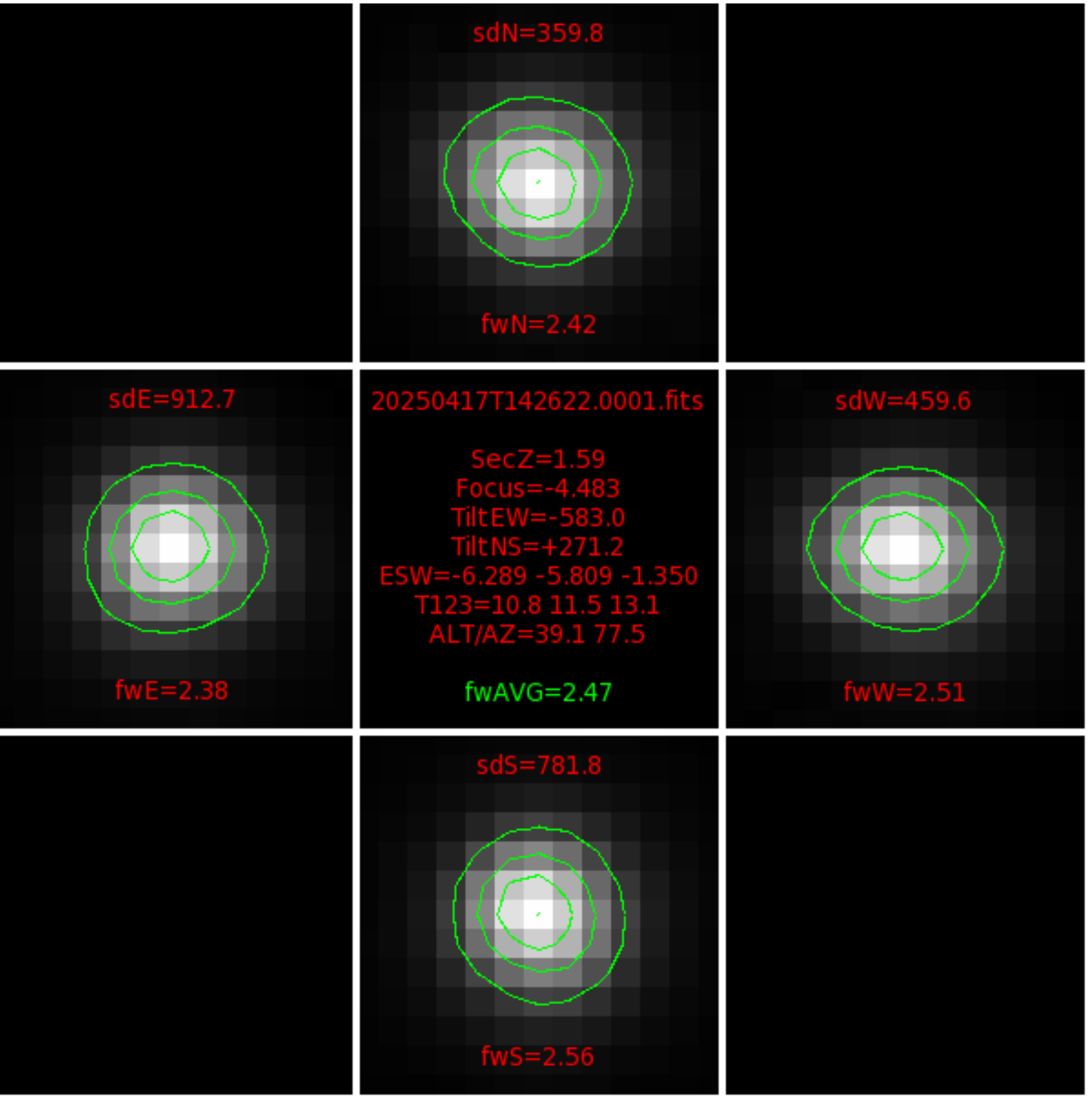
sdN=359.8
fwN=2.42
sdE=912.7
fwE=2.38
20250417T142622.0001.fits
SecZ=1.59
Focus=-4.483
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.289 -5.809 -1.350
T123=10.8 11.5 13.1
ALT/AZ=39.1 77.5
fwAVG=2.47
sdW=459.6
fwW=2.51
sdS=781.8
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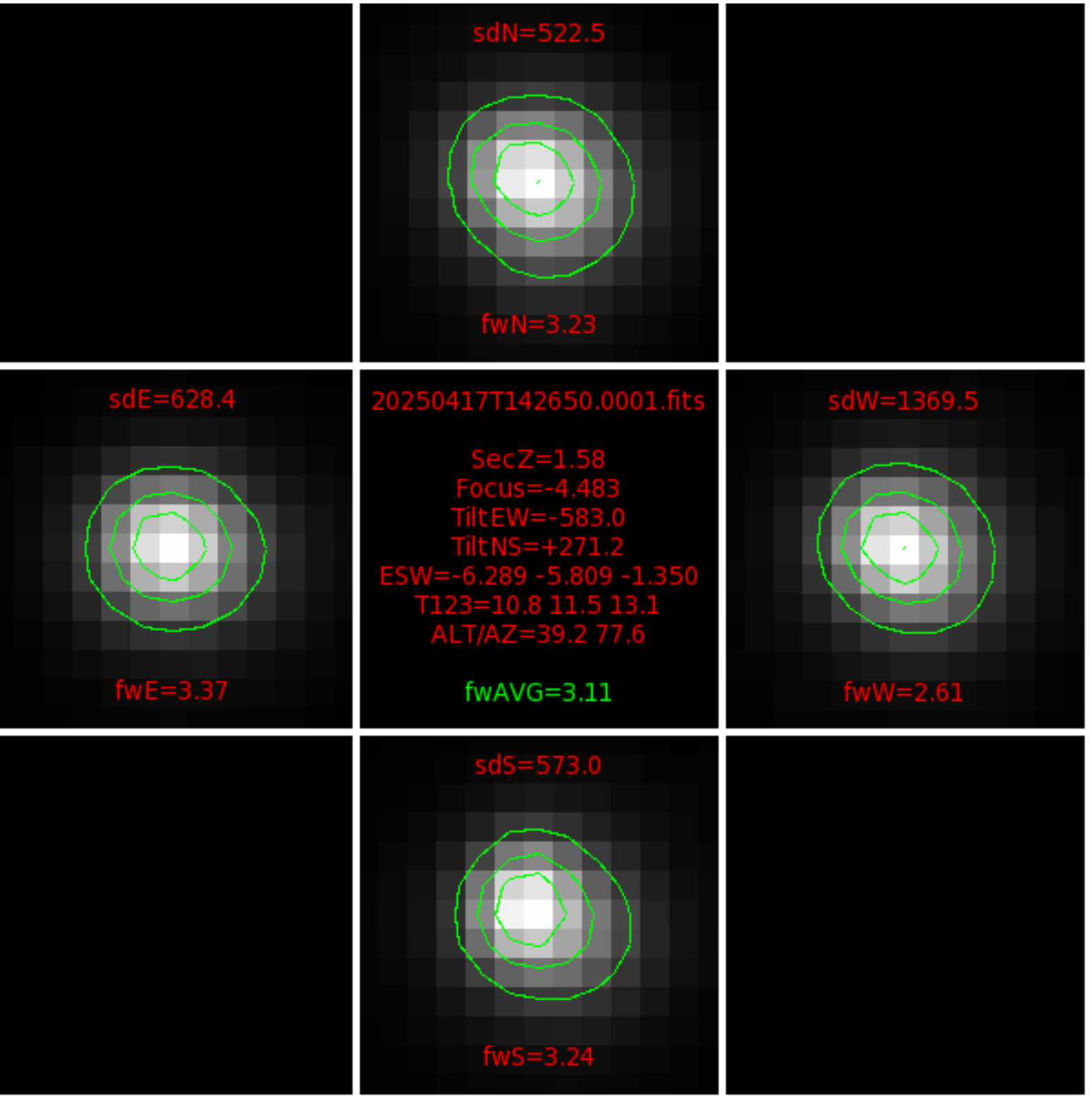
sdN=522.5
fwN=3.23
sdE=628.4
fwE=3.37
20250417T142650.0001.fits
SecZ=1.58
Focus=-4.483
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.289 -5.809 -1.350
T123=10.8 11.5 13.1
ALT/AZ=39.2 77.6
fwAVG=3.11
sdW=1369.5
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sdS=573.0
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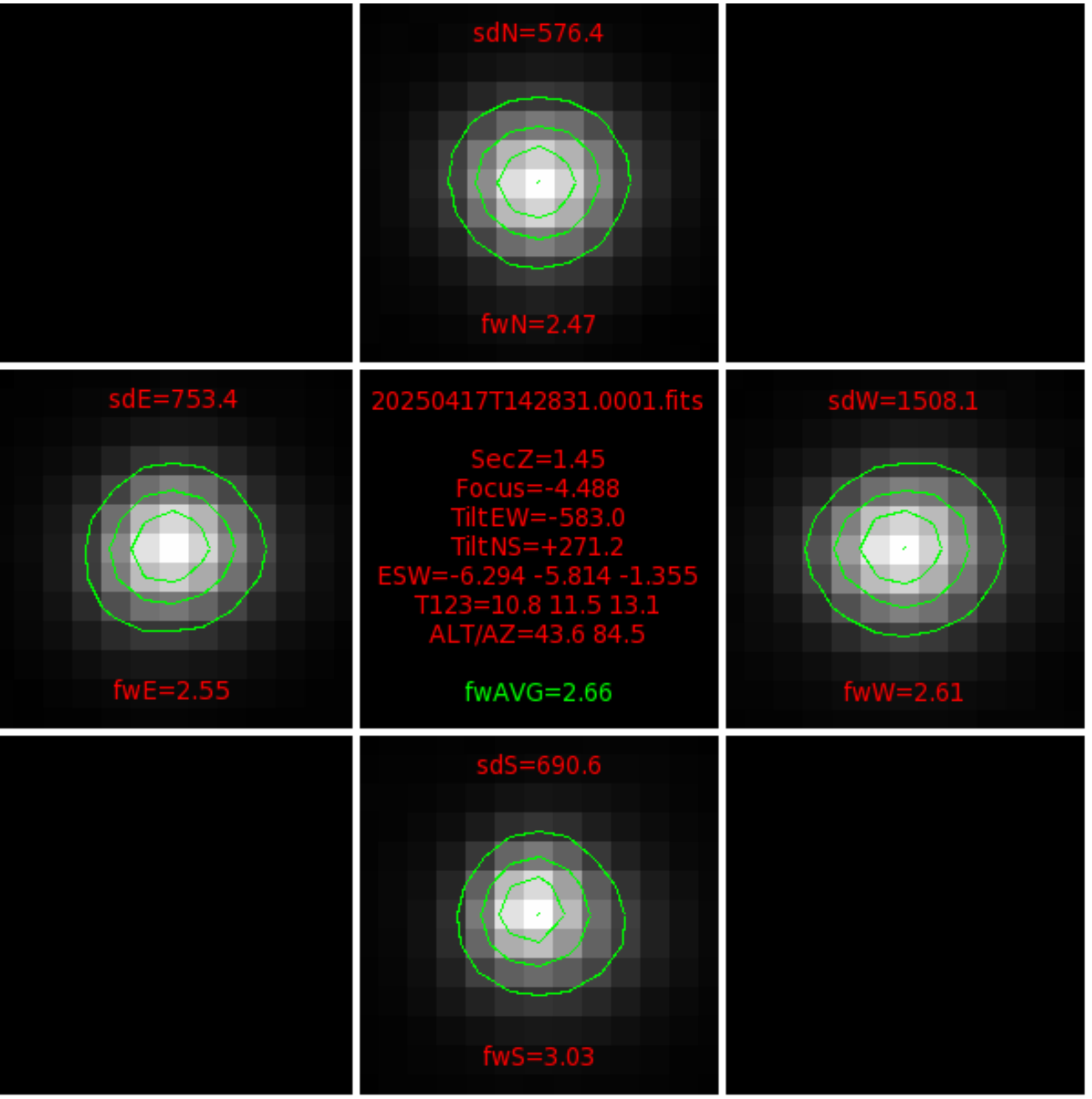
sdN=576.4
fwN=2.47
sdE=753.4
fwE=2.55
20250417T142831.0001.fits
SecZ=1.45
Focus=-4.488
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.294 -5.814 -1.355
T123=10.8 11.5 13.1
ALT/AZ=43.6 84.5
fwAVG=2.66
sdW=1508.1
fwW=2.61
sdS=690.6
fwS=3.03
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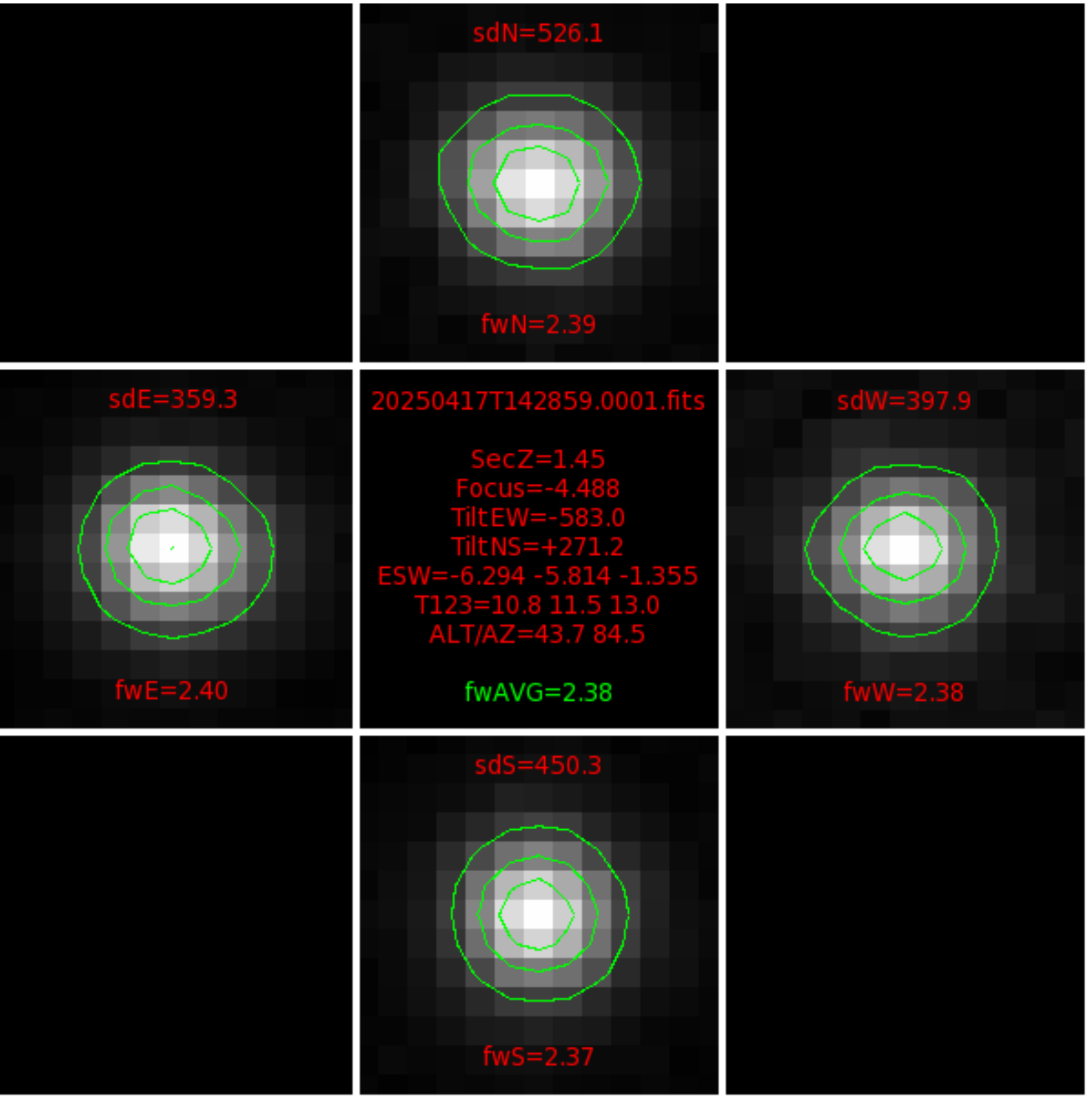
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fwN=2.39
sdE=359.3
fwE=2.40
20250417T142859.0001.fits
SecZ=1.45
Focus=-4.488
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.294 -5.814 -1.355
T123=10.8 11.5 13.0
ALT/AZ=43.7 84.5
fwAVG=2.38
sdW=397.9
fwW=2.38
sdS=450.3
fwS=2.37
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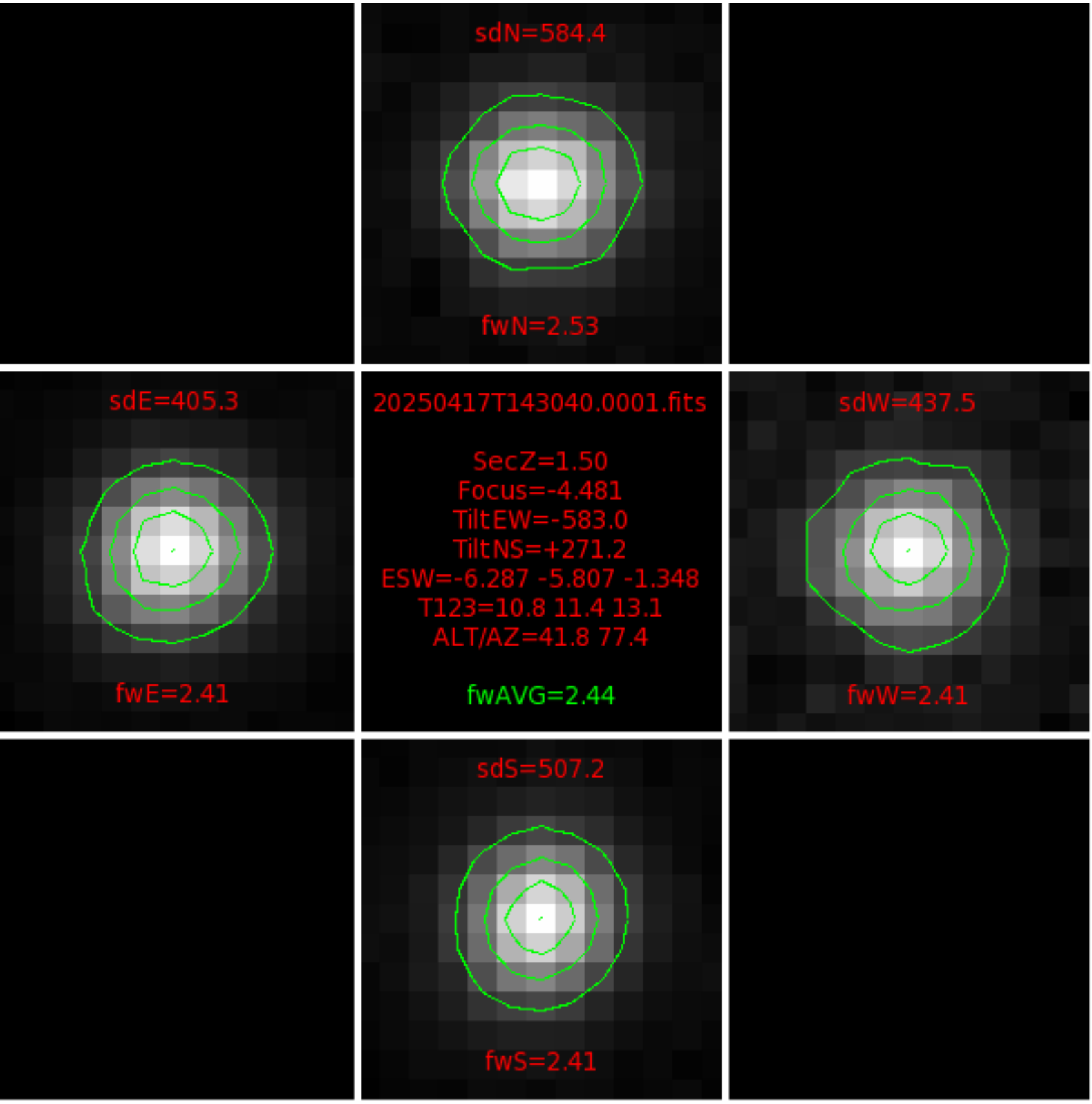
sdN=584.4
fwN=2.53
sdE=405.3
fwE=2.41
20250417T143040.0001.fits
SecZ=1.50
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.8 11.4 13.1
ALT/AZ=41.8 77.4
fwAVG=2.44
sdW=437.5
fwW=2.41
sdS=507.2
fwS=2.41
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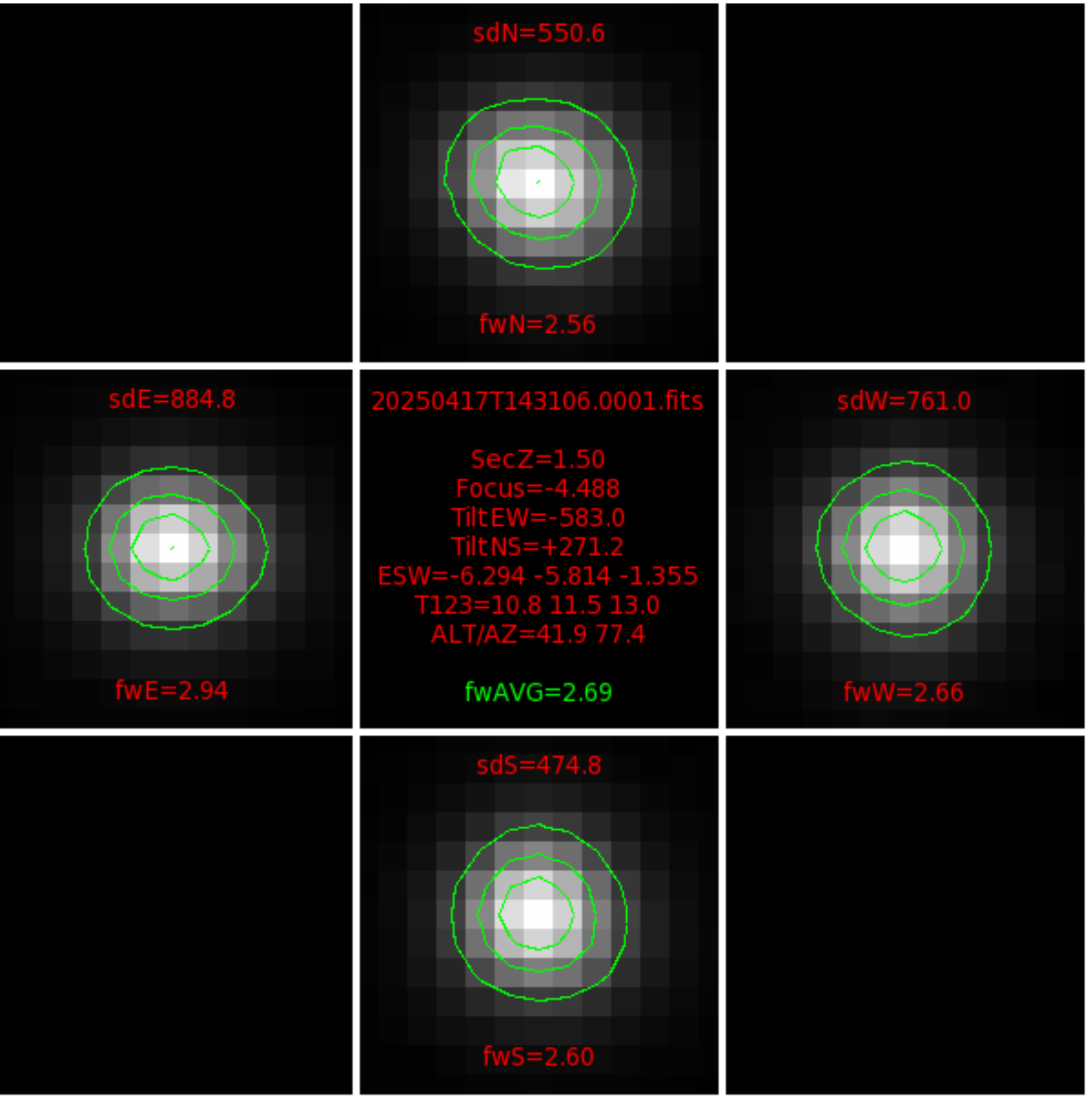
sdN=550.6
fwN=2.56
sdE=884.8
fwE=2.94
20250417T143106.0001.fits
SecZ=1.50
Focus=-4.488
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.294 -5.814 -1.355
T123=10.8 11.5 13.0
ALT/AZ=41.9 77.4
fwAVG=2.69
sdW=761.0
fwW=2.66
sdS=474.8
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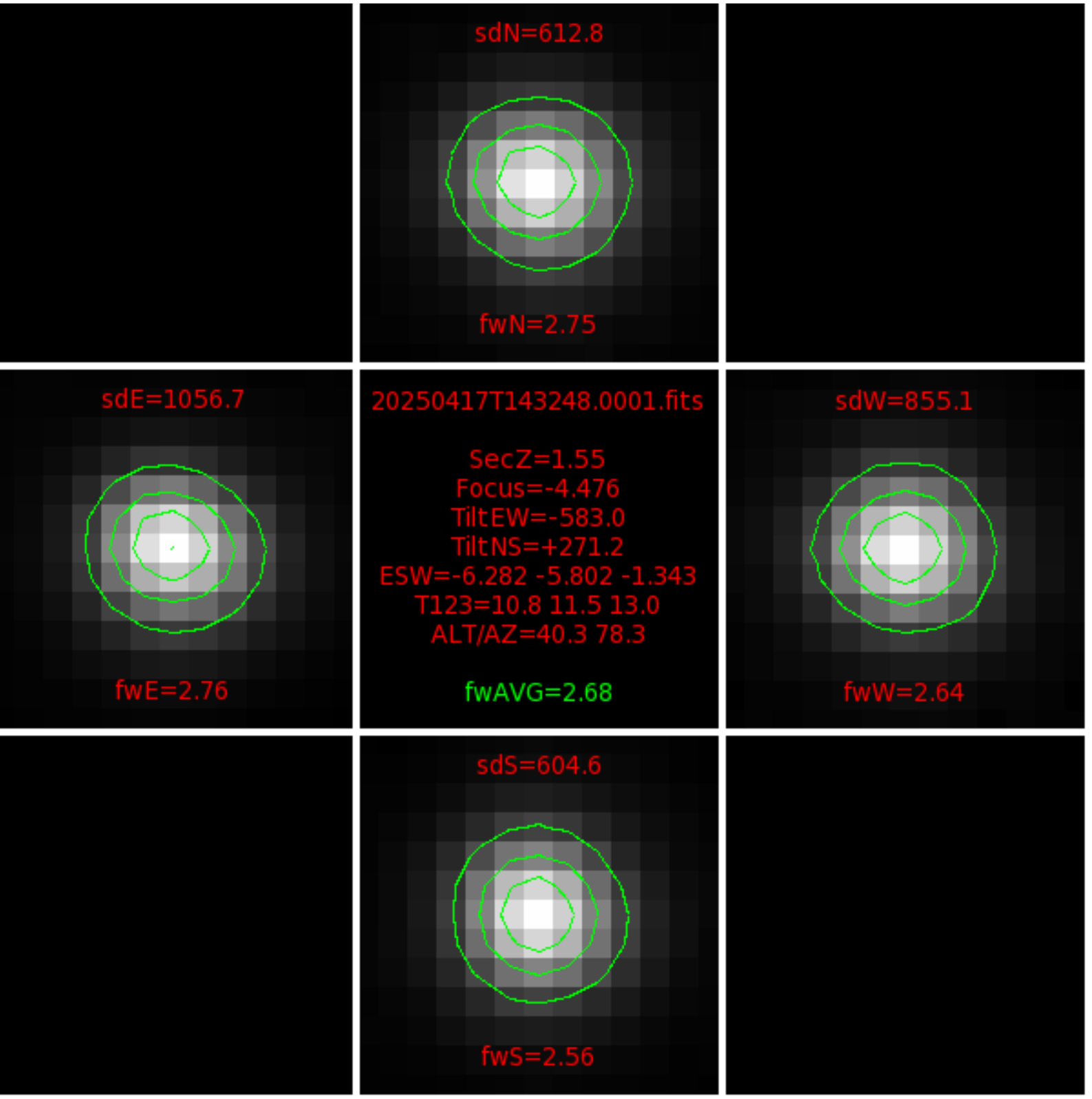
sdN=612.8
fwN=2.75
sdE=1056.7
fwE=2.76
20250417T143248.0001.fits
SecZ=1.55
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=10.8 11.5 13.0
ALT/AZ=40.3 78.3
fwAVG=2.68
sdW=855.1
fwW=2.64
sdS=604.6
fwS=2.56
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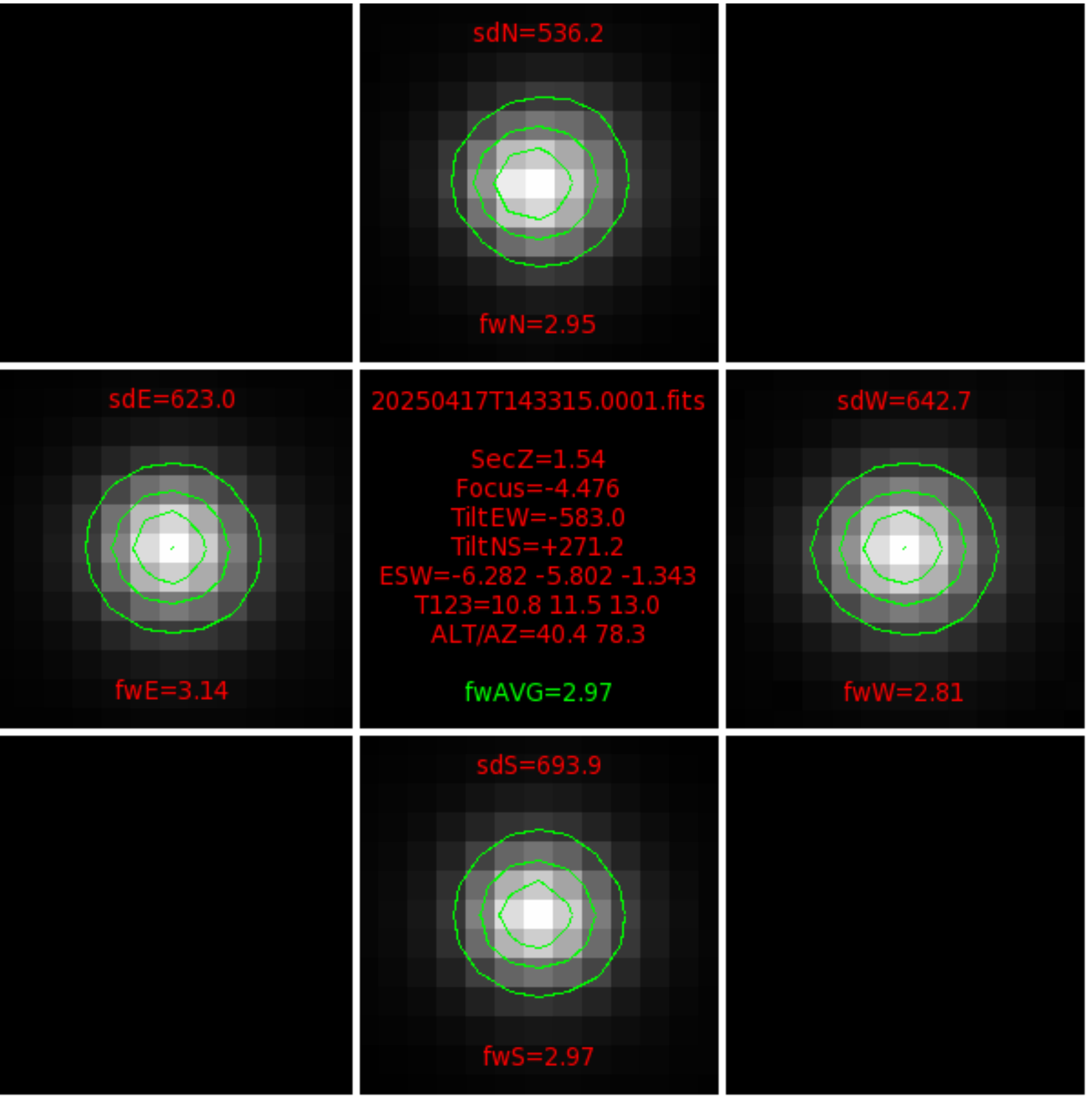
sdN=536.2
fwN=2.95
sdE=623.0
fwE=3.14
20250417T143315.0001.fits
SecZ=1.54
Focus=-4.476
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.282 -5.802 -1.343
T123=10.8 11.5 13.0
ALT/AZ=40.4 78.3
fwAVG=2.97
sdW=642.7
fwW=2.81
sdS=693.9
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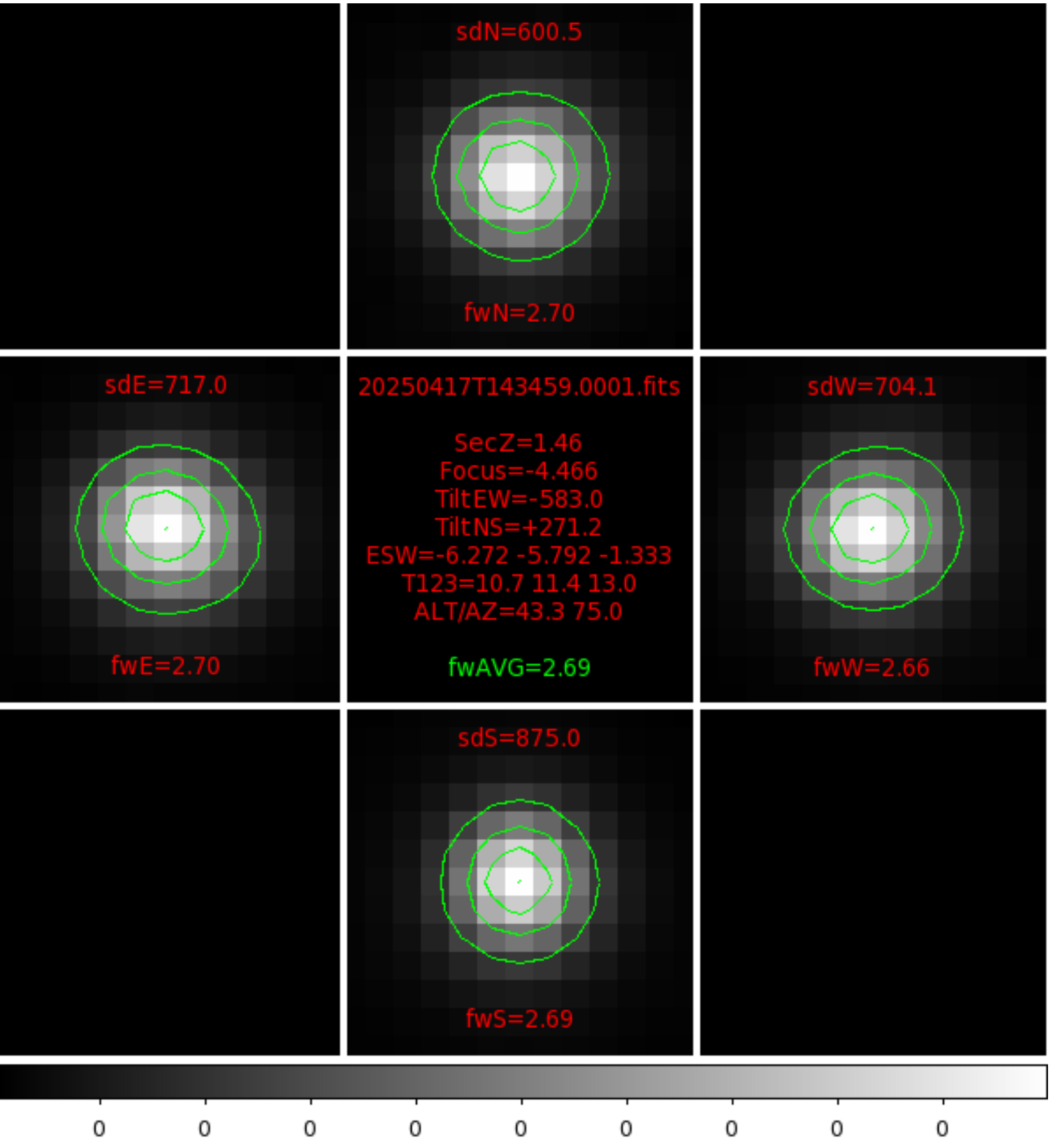
sdN=600.5
fwN=2.70
sdE=717.0
fwE=2.70
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SecZ=1.46
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.7 11.4 13.0
ALT/AZ=43.3 75.0
fwAVG=2.69
sdW=704.1
fwW=2.66
sdS=875.0
fwS=2.69
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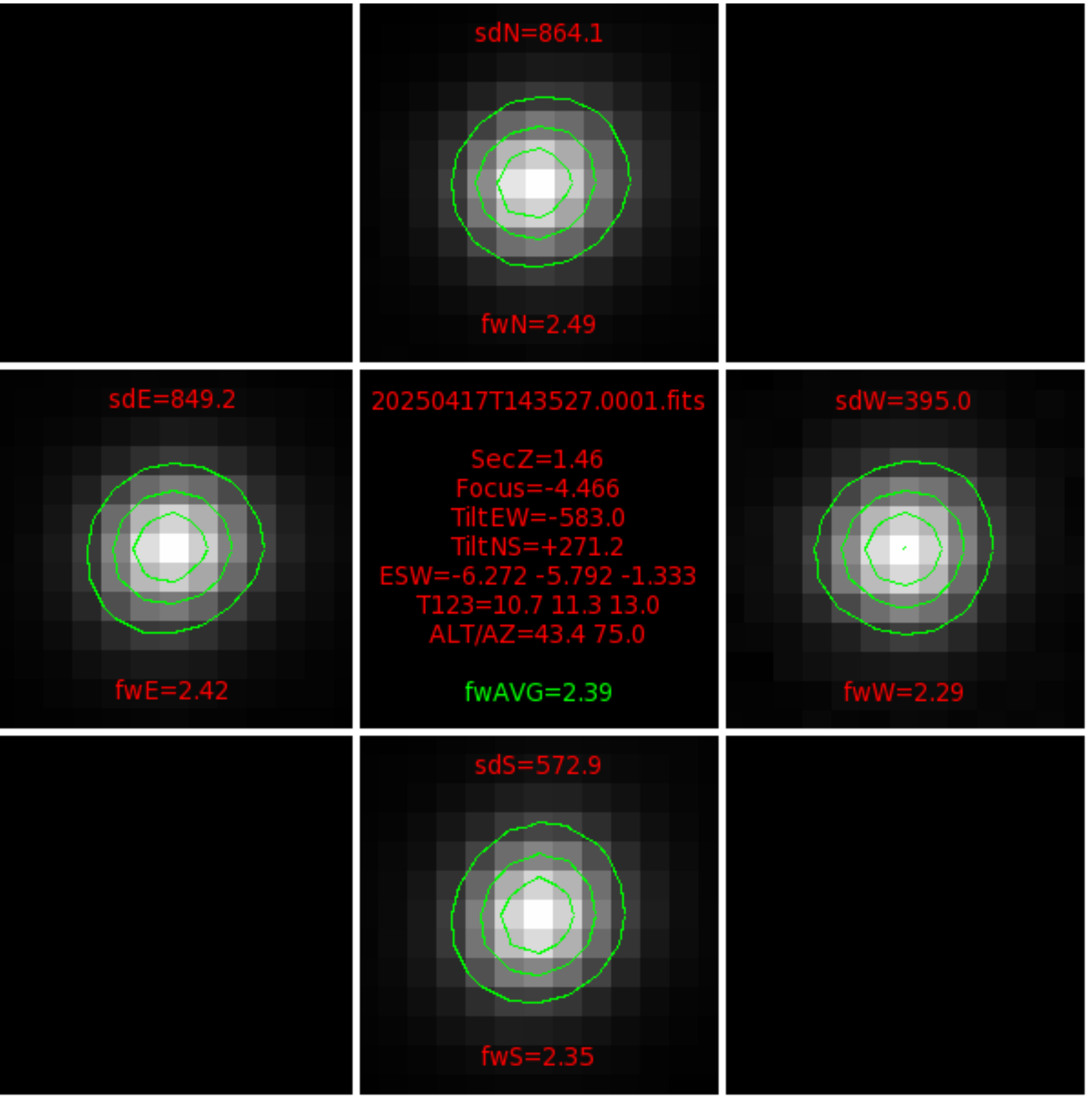
sdN=864.1
fwN=2.49
sdE=849.2
fwE=2.42
20250417T143527.0001.fits
SecZ=1.46
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.7 11.3 13.0
ALT/AZ=43.4 75.0
fwAVG=2.39
sdW=395.0
fwW=2.29
sdS=572.9
fwS=2.35
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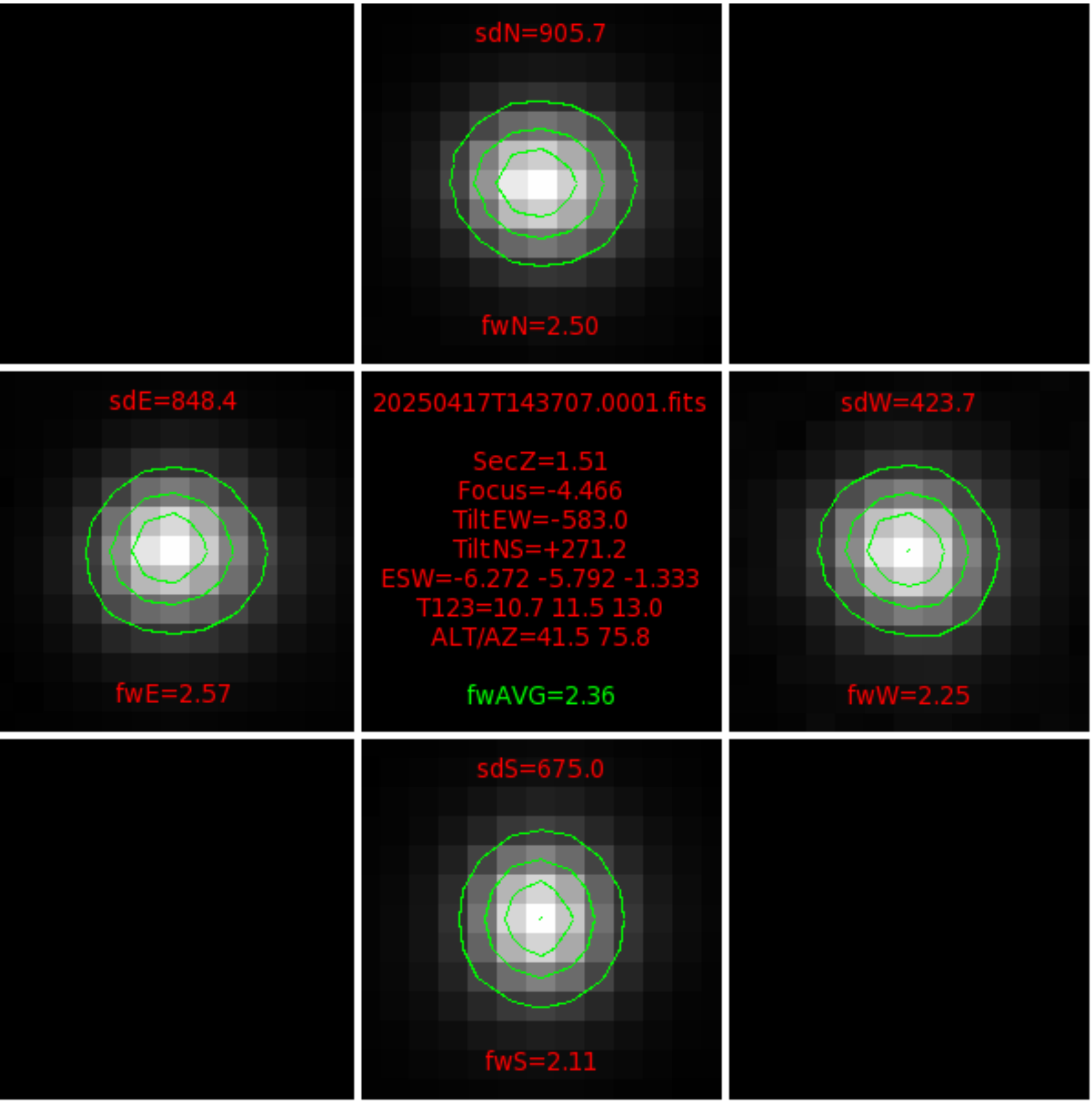
sdN=905.7
fwN=2.50
sdE=848.4
fwE=2.57
20250417T143707.0001.fits
SecZ=1.51
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.7 11.5 13.0
ALT/AZ=41.5 75.8
fwAVG=2.36
sdW=423.7
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sdS=675.0
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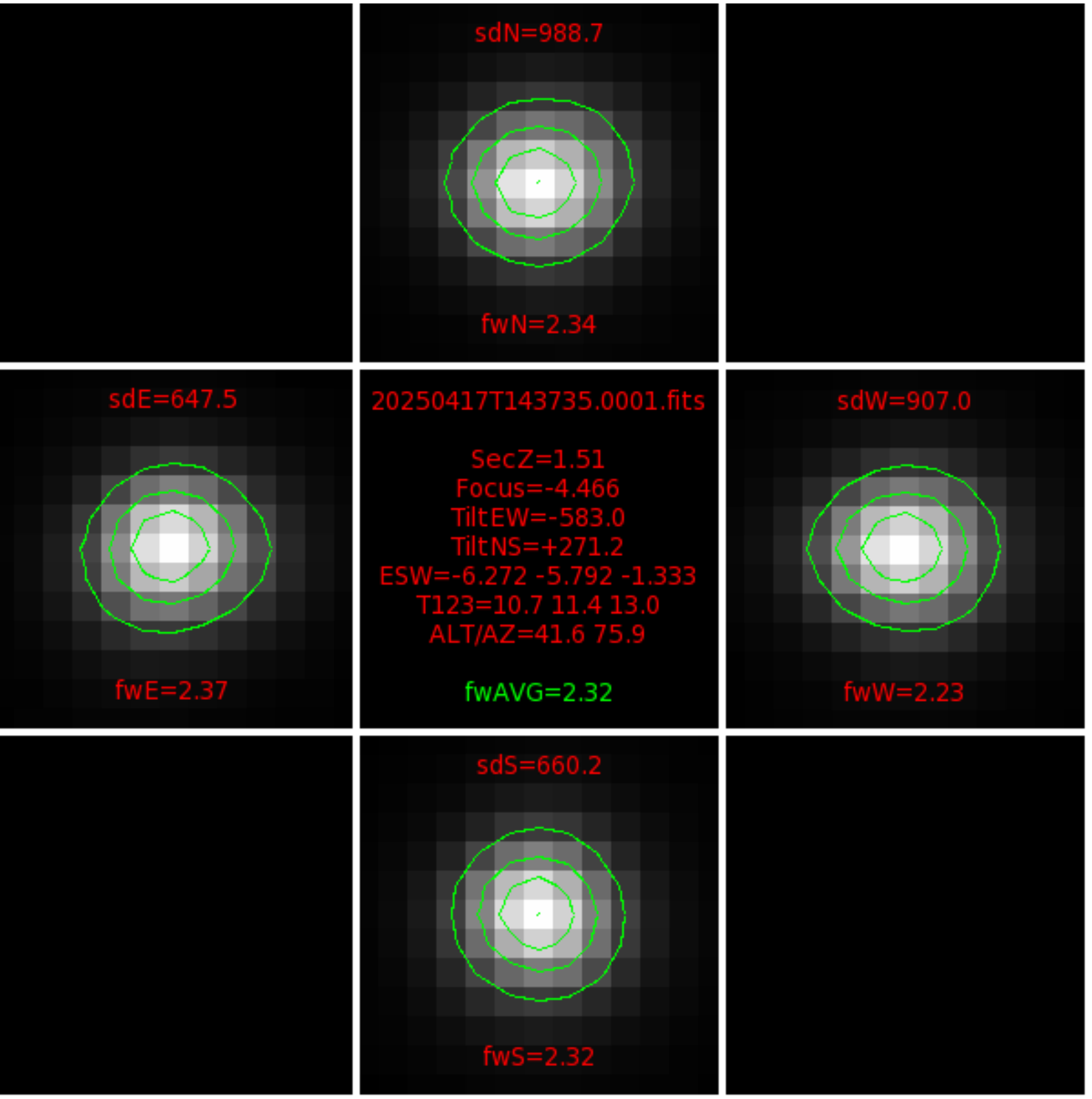
sdN=988.7
fwN=2.34
sdE=647.5
fwE=2.37
20250417T143735.0001.fits
SecZ=1.51
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.7 11.4 13.0
ALT/AZ=41.6 75.9
fwAVG=2.32
sdW=907.0
fwW=2.23
sdS=660.2
fwS=2.32
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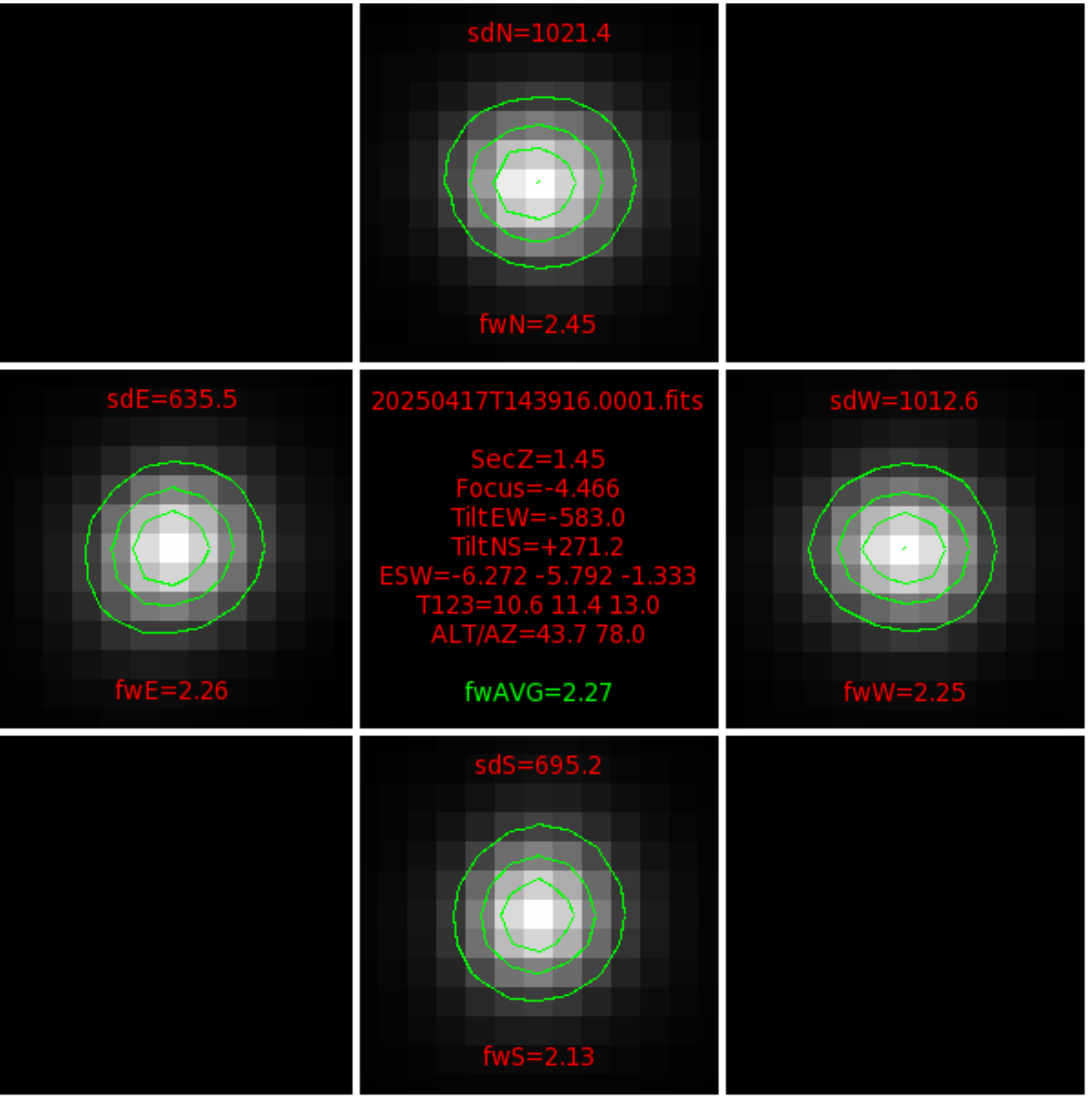
sdN=1021.4
fwN=2.45
sdE=635.5
fwE=2.26
20250417T143916.0001.fits
SecZ=1.45
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.6 11.4 13.0
ALT/AZ=43.7 78.0
fwAVG=2.27
sdW=1012.6
fwW=2.25
sdS=695.2
fwS=2.13
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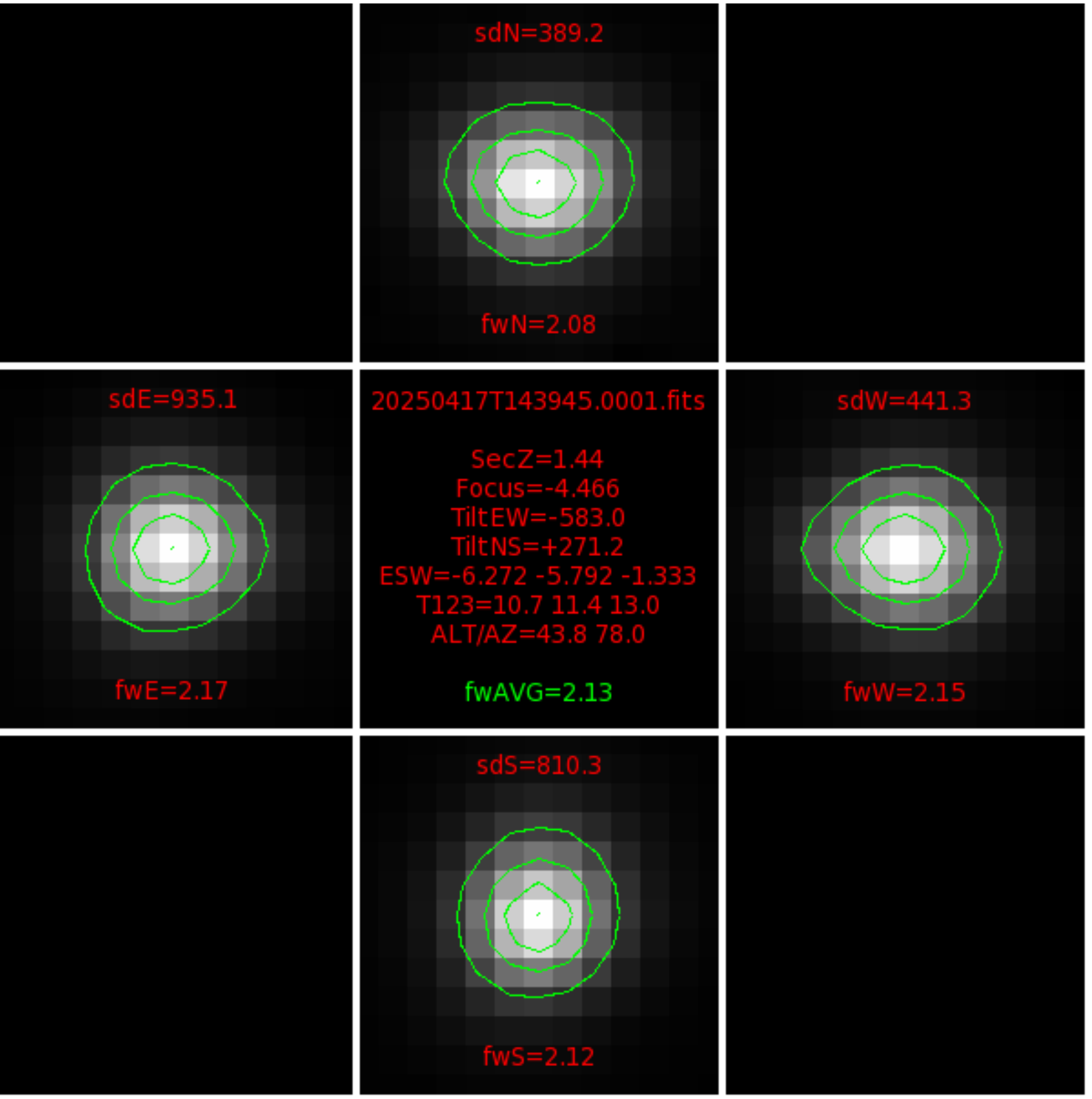
sdN=389.2
fwN=2.08
sdE=935.1
fwE=2.17
20250417T143945.0001.fits
SecZ=1.44
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.7 11.4 13.0
ALT/AZ=43.8 78.0
fwAVG=2.13
sdW=441.3
fwW=2.15
sdS=810.3
fwS=2.12
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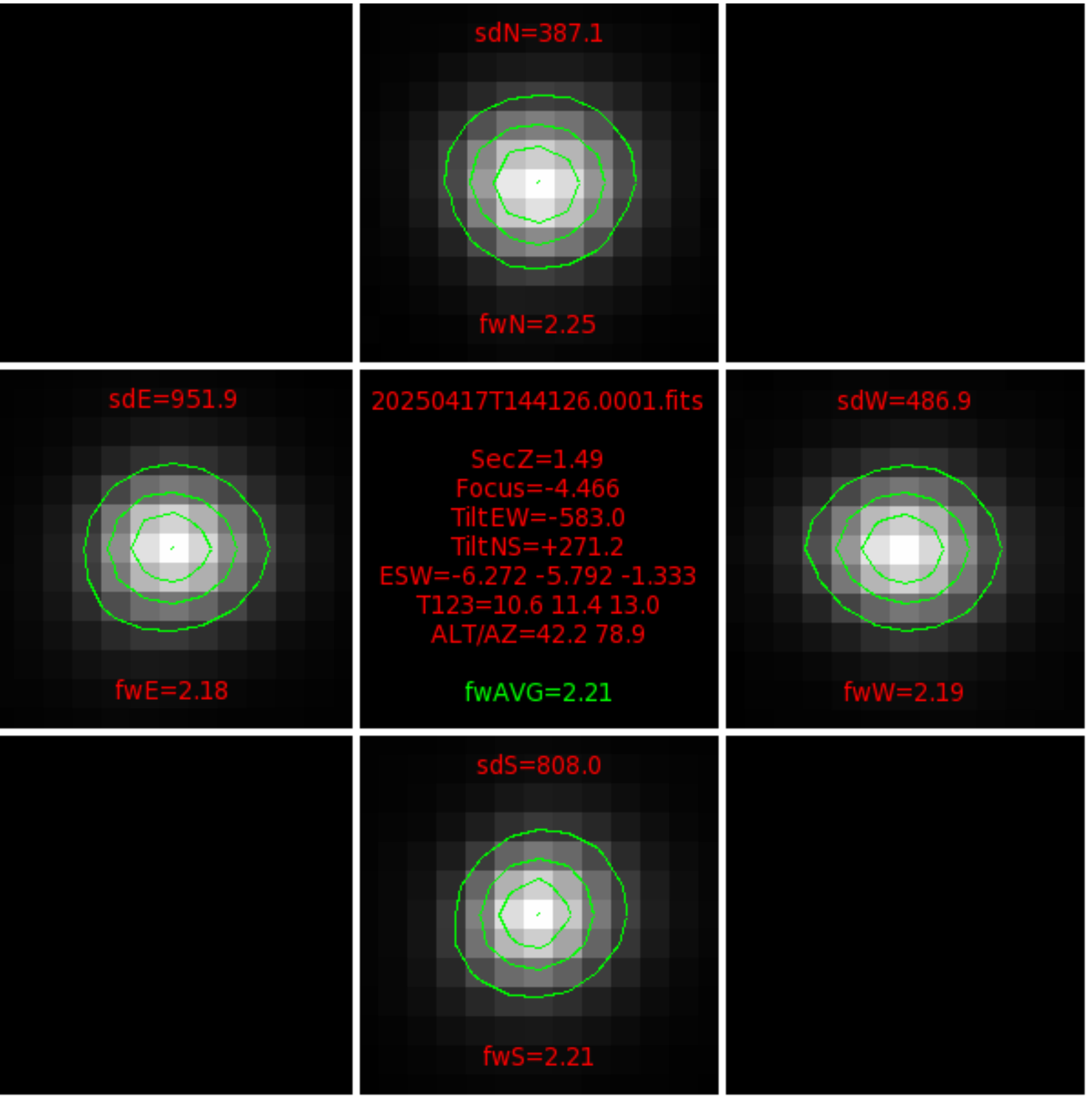
sdN=387.1
fwN=2.25
sdE=951.9
fwE=2.18
20250417T144126.0001.fits
SecZ=1.49
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.6 11.4 13.0
ALT/AZ=42.2 78.9
fwAVG=2.21
sdW=486.9
fwW=2.19
sdS=808.0
fwS=2.21
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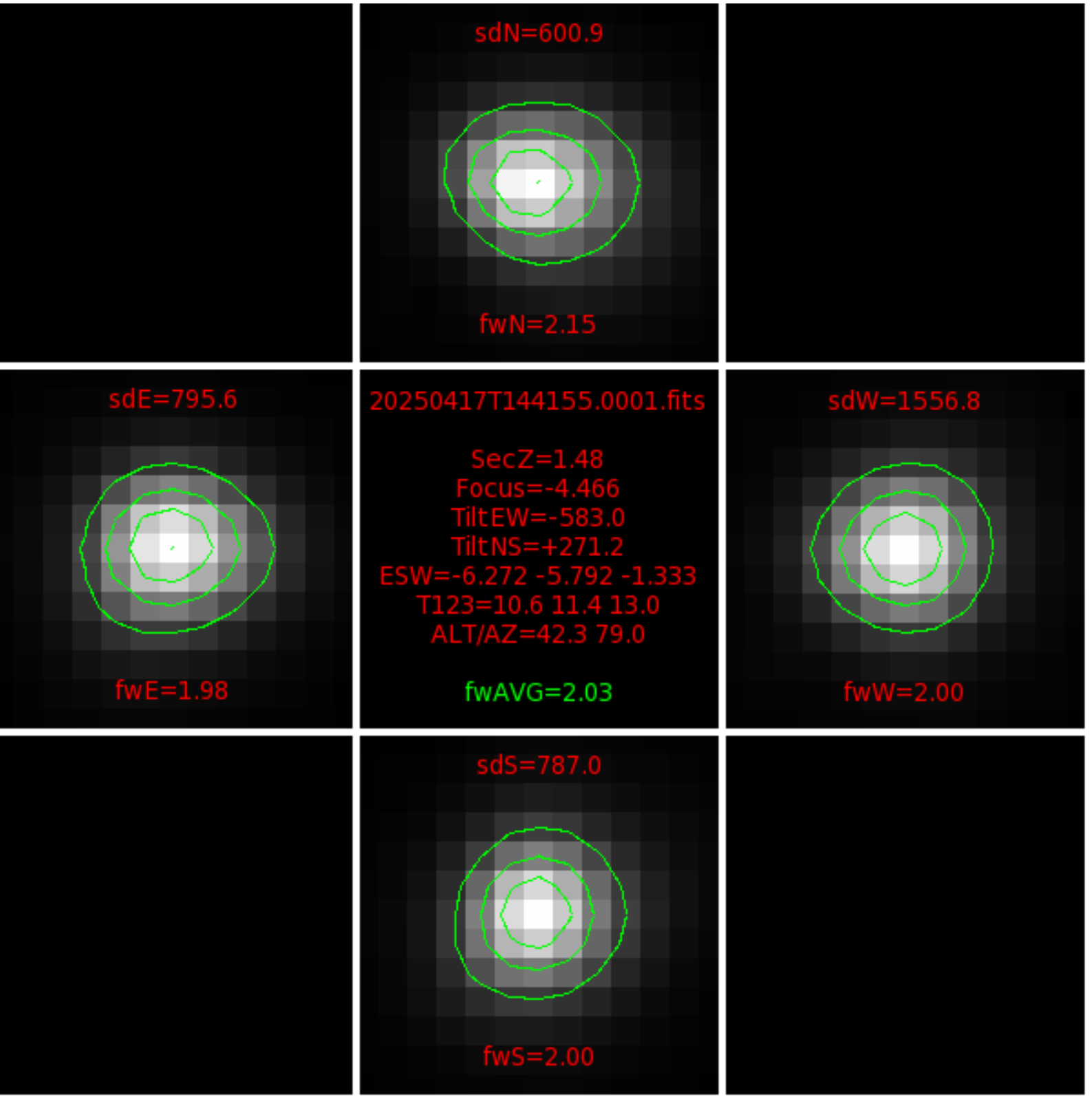
sdN=600.9
fwN=2.15
sdE=795.6
fwE=1.98
20250417T144155.0001.fits
SecZ=1.48
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.6 11.4 13.0
ALT/AZ=42.3 79.0
fwAVG=2.03
sdW=1556.8
fwW=2.00
sdS=787.0
fwS=2.00
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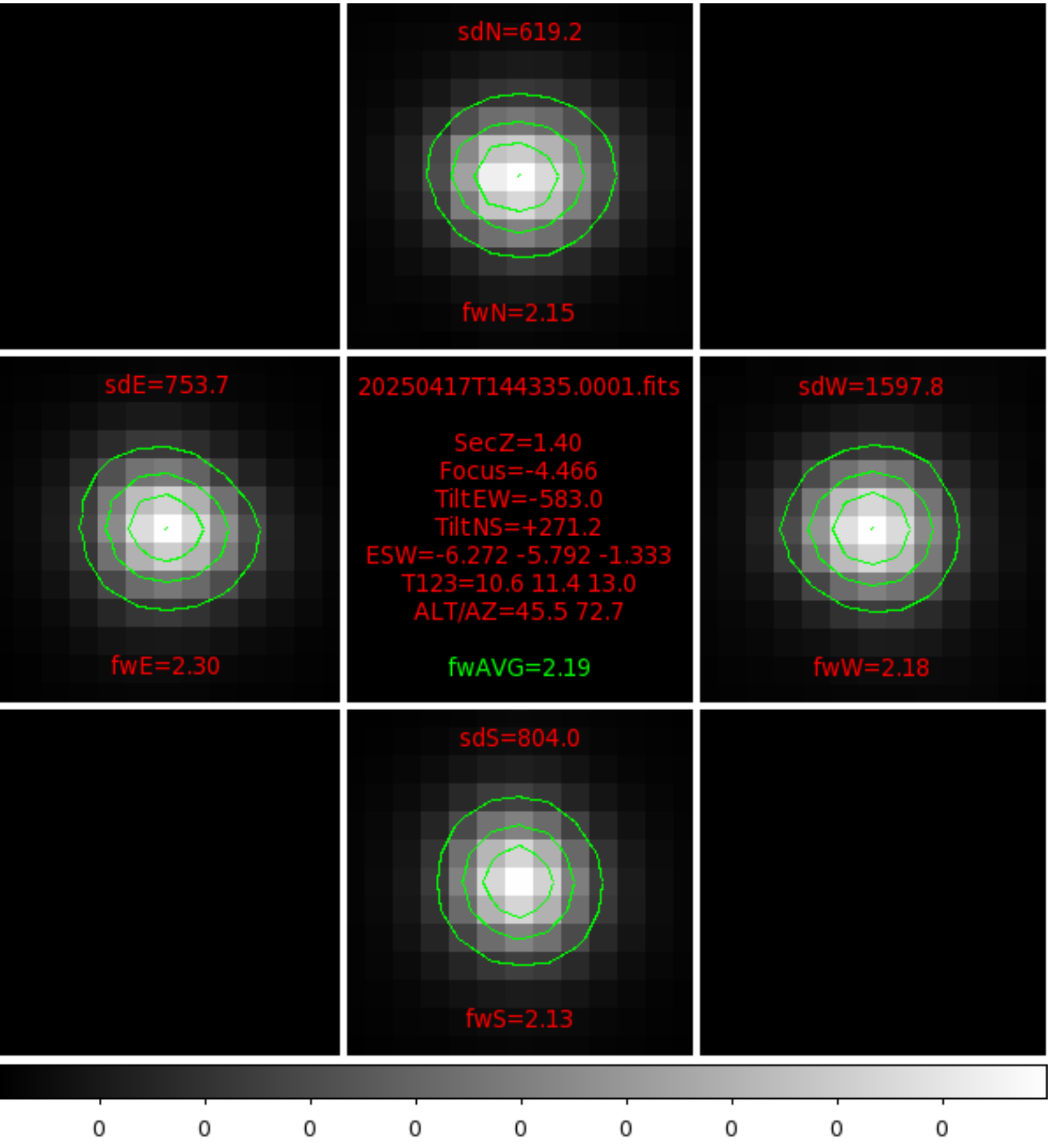
sdN=619.2
fwN=2.15
sdE=753.7
fwE=2.30
20250417T144335.0001.fits
SecZ=1.40
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.6 11.4 13.0
ALT/AZ=45.5 72.7
fwAVG=2.19
sdW=1597.8
fwW=2.18
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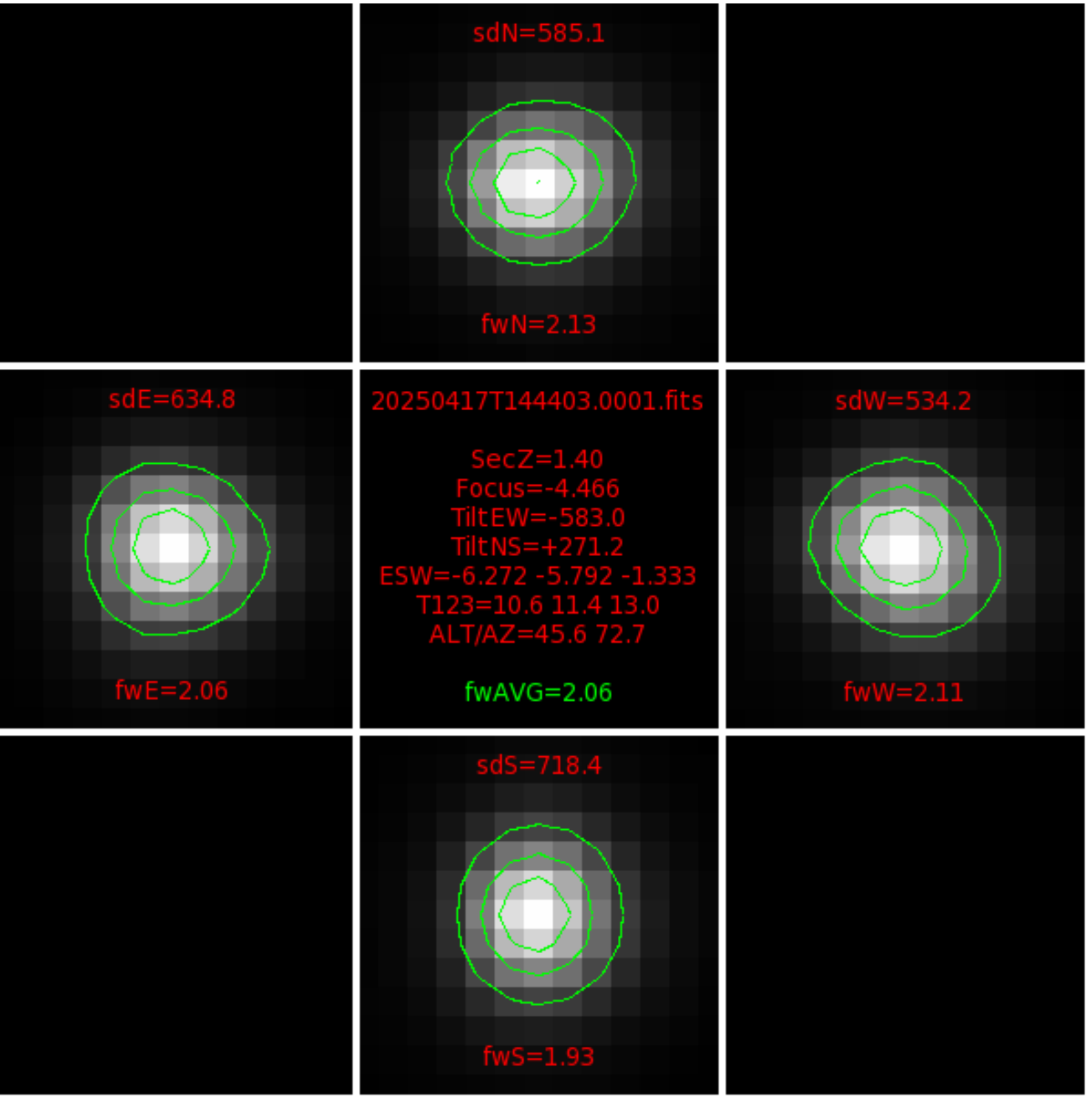
sdN=585.1
fwN=2.13
sdE=634.8
fwE=2.06
20250417T144403.0001.fits
SecZ=1.40
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.6 11.4 13.0
ALT/AZ=45.6 72.7
fwAVG=2.06
sdW=534.2
fwW=2.11
sdS=718.4
fwS=1.93
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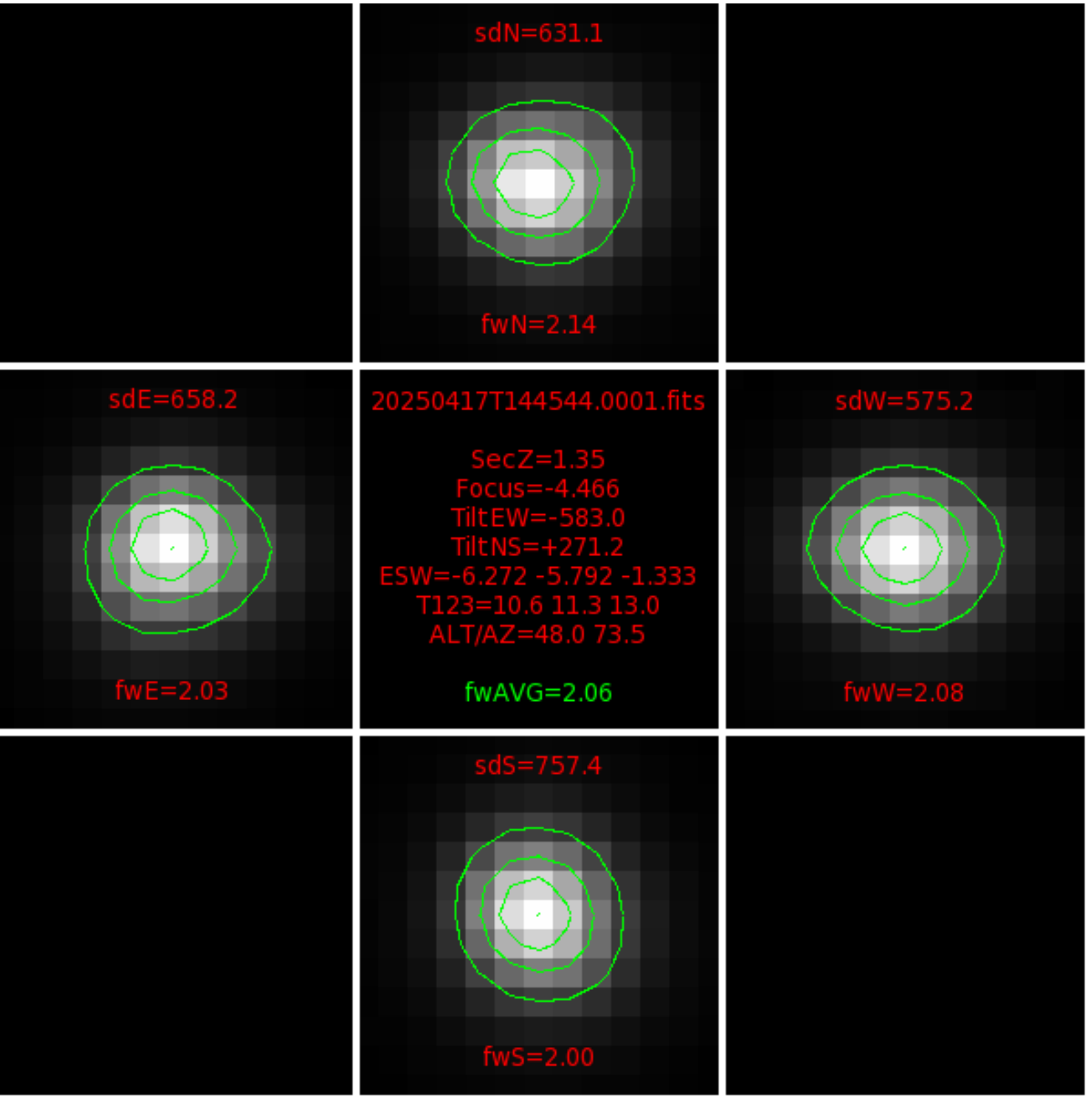
sdN=631.1
fwN=2.14
sdE=658.2
fwE=2.03
20250417T144544.0001.fits
SecZ=1.35
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.6 11.3 13.0
ALT/AZ=48.0 73.5
fwAVG=2.06
sdW=575.2
fwW=2.08
sdS=757.4
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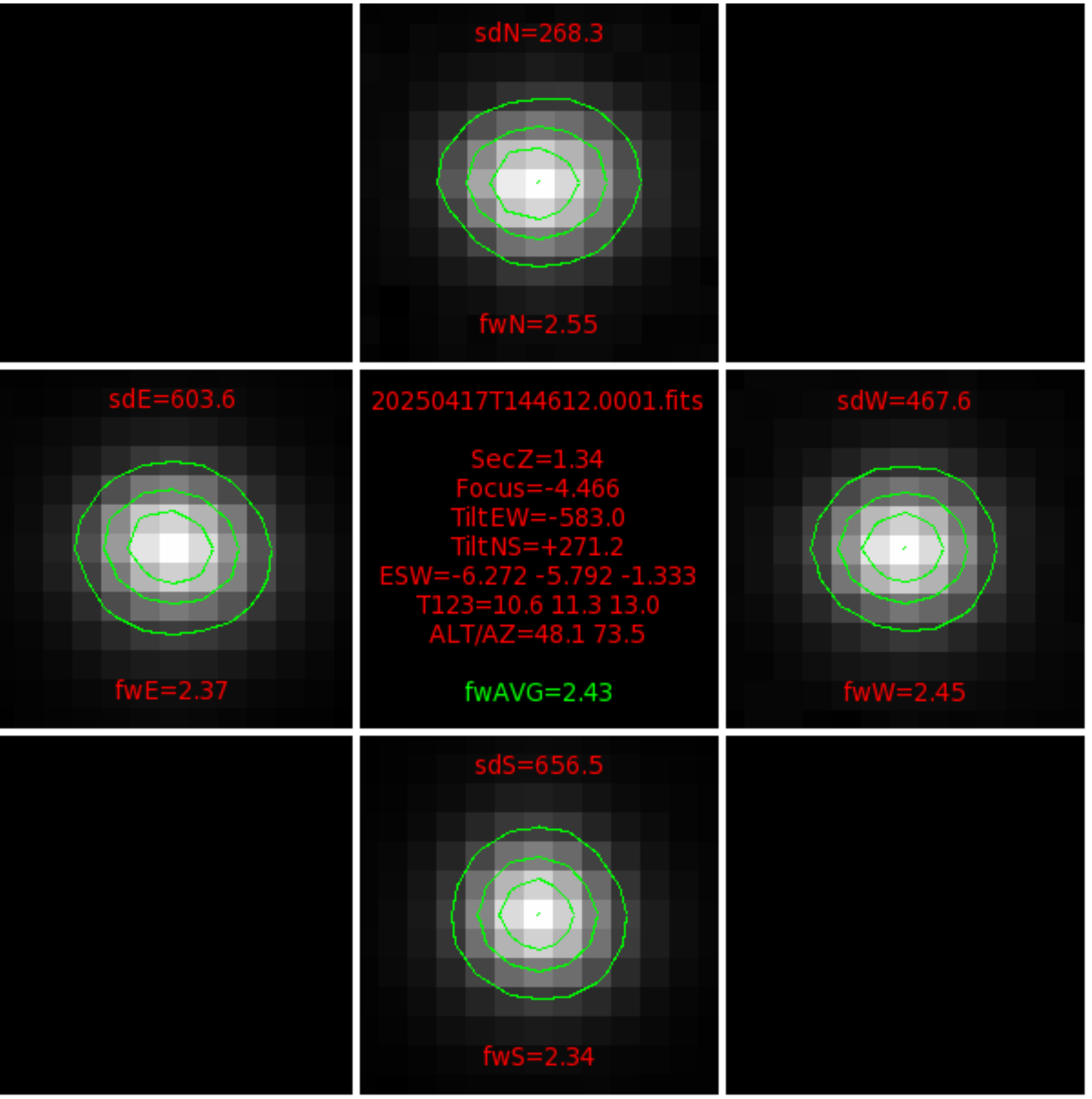
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fwN=2.55
sdE=603.6
fwE=2.37
20250417T144612.0001.fits
SecZ=1.34
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.6 11.3 13.0
ALT/AZ=48.1 73.5
fwAVG=2.43
sdW=467.6
fwW=2.45
sdS=656.5
fwS=2.34
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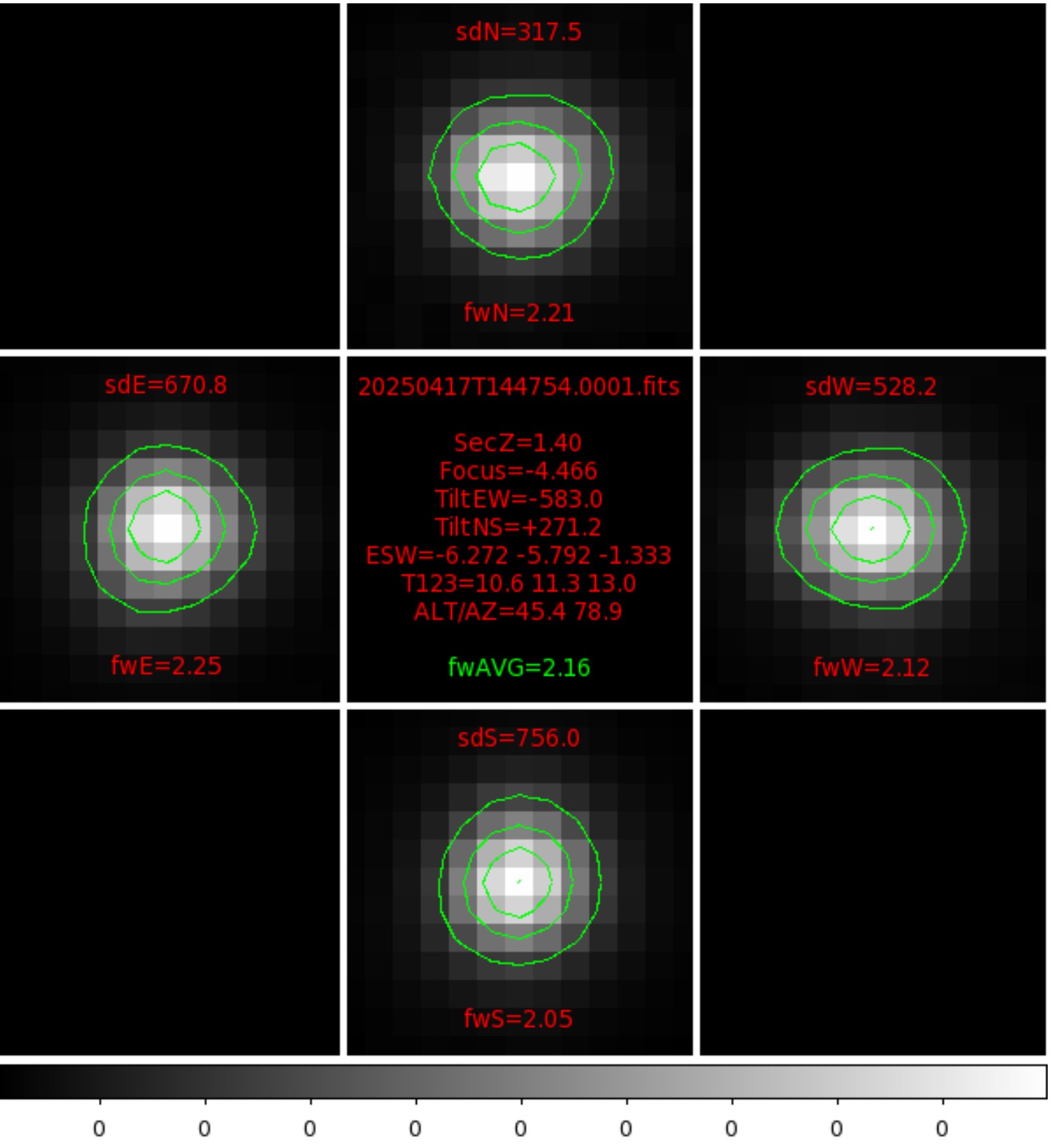
sdN=317.5
fwN=2.21
sdE=670.8
fwE=2.25
20250417T144754.0001.fits
SecZ=1.40
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.6 11.3 13.0
ALT/AZ=45.4 78.9
fwAVG=2.16
sdW=528.2
fwW=2.12
sdS=756.0
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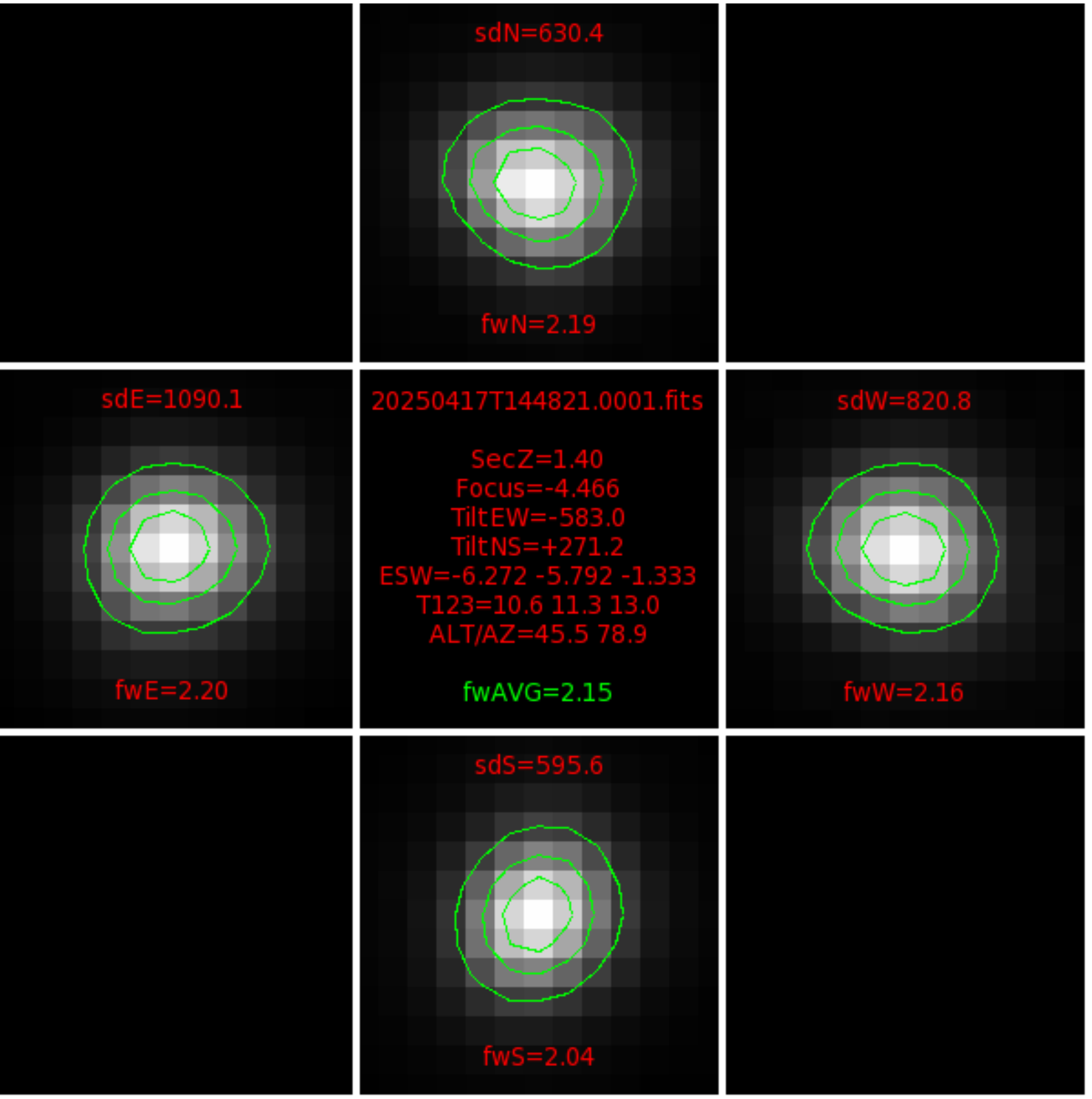
sdN=630.4
fwN=2.19
sdE=1090.1
fwE=2.20
20250417T144821.0001.fits
SecZ=1.40
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.6 11.3 13.0
ALT/AZ=45.5 78.9
fwAVG=2.15
sdW=820.8
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sdS=595.6
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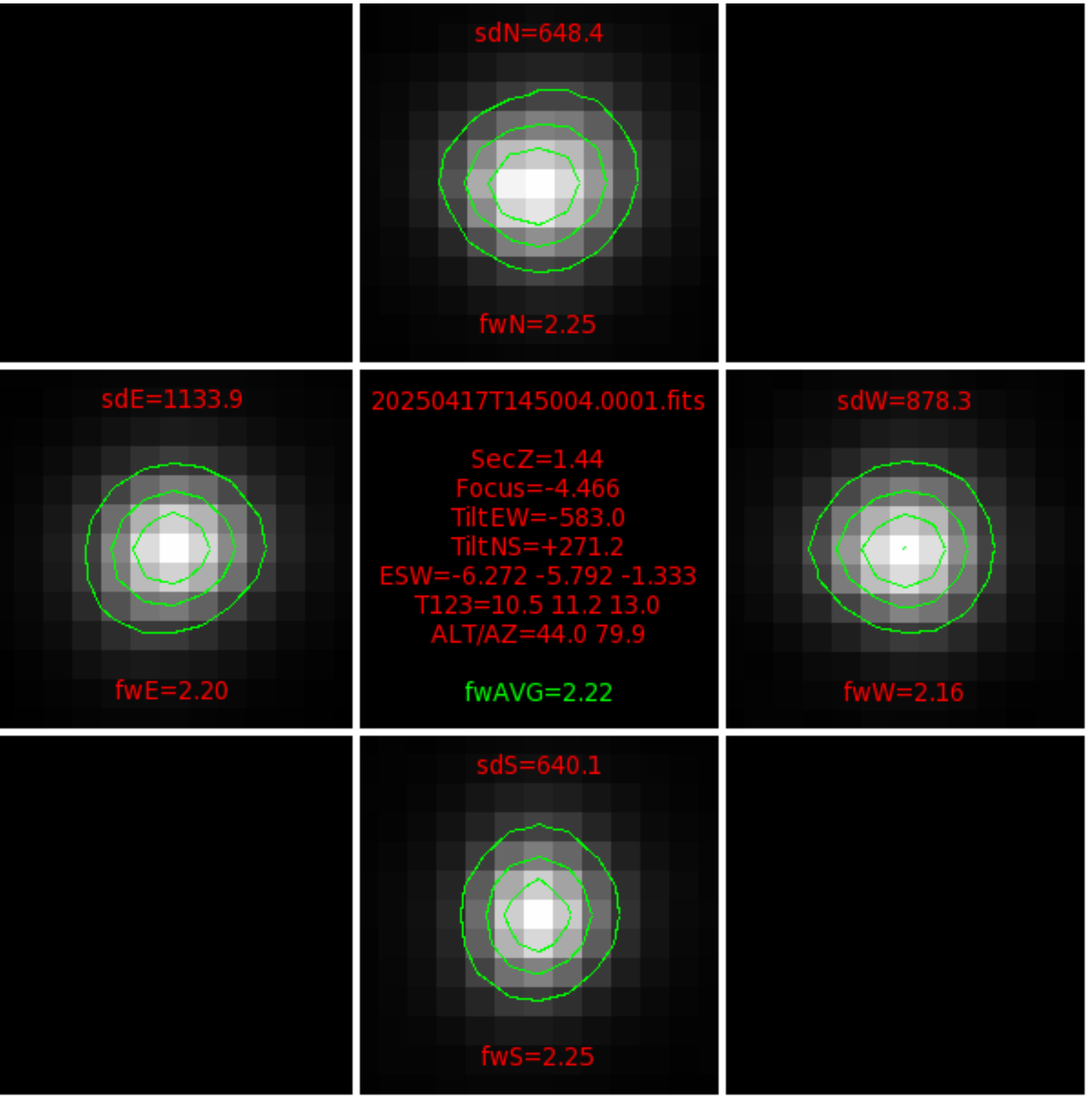
sdN=648.4
fwN=2.25
sdE=1133.9
fwE=2.20
20250417T145004.0001.fits
SecZ=1.44
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.5 11.2 13.0
ALT/AZ=44.0 79.9
fwAVG=2.22
sdW=878.3
fwW=2.16
sdS=640.1
fwS=2.25
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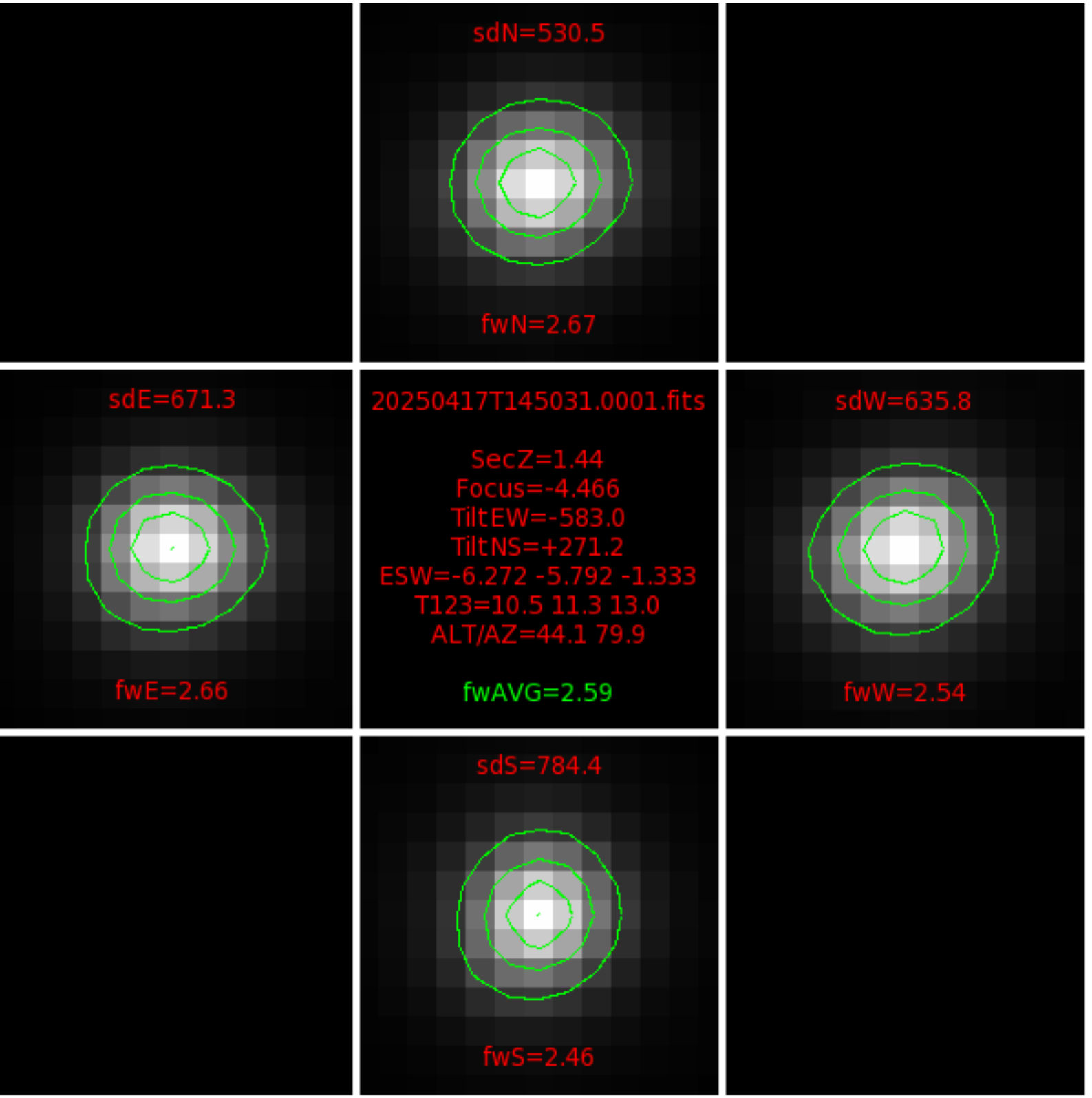
sdN=530.5
fwN=2.67
sdE=671.3
fwE=2.66
20250417T145031.0001.fits
SecZ=1.44
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.5 11.3 13.0
ALT/AZ=44.1 79.9
fwAVG=2.59
sdW=635.8
fwW=2.54
sdS=784.4
fwS=2.46
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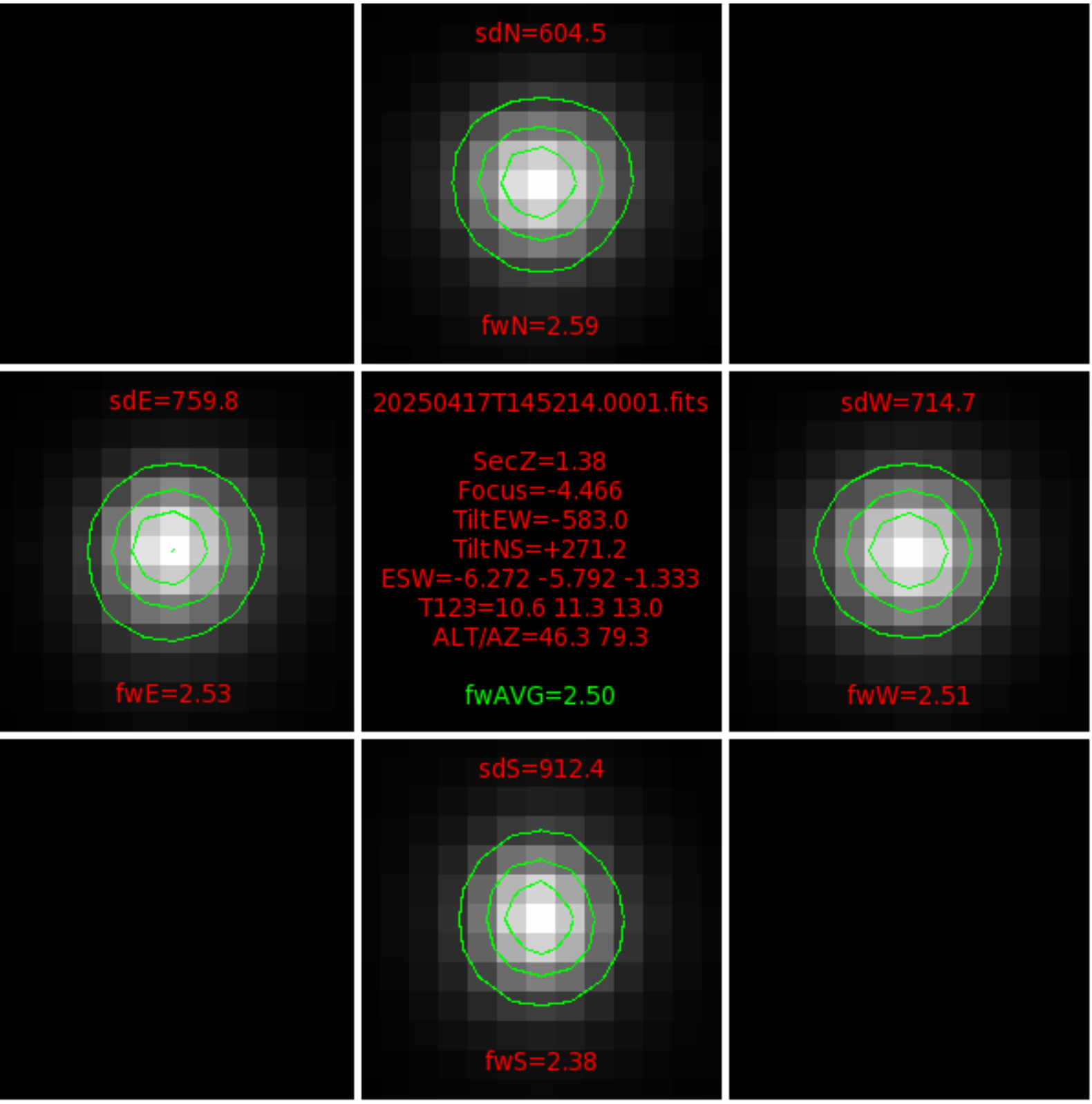
sdN=604.5
fwN=2.59
sdE=759.8
fwE=2.53
20250417T145214.0001.fits
SecZ=1.38
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.6 11.3 13.0
ALT/AZ=46.3 79.3
fwAVG=2.50
sdW=714.7
fwW=2.51
sdS=912.4
fwS=2.38
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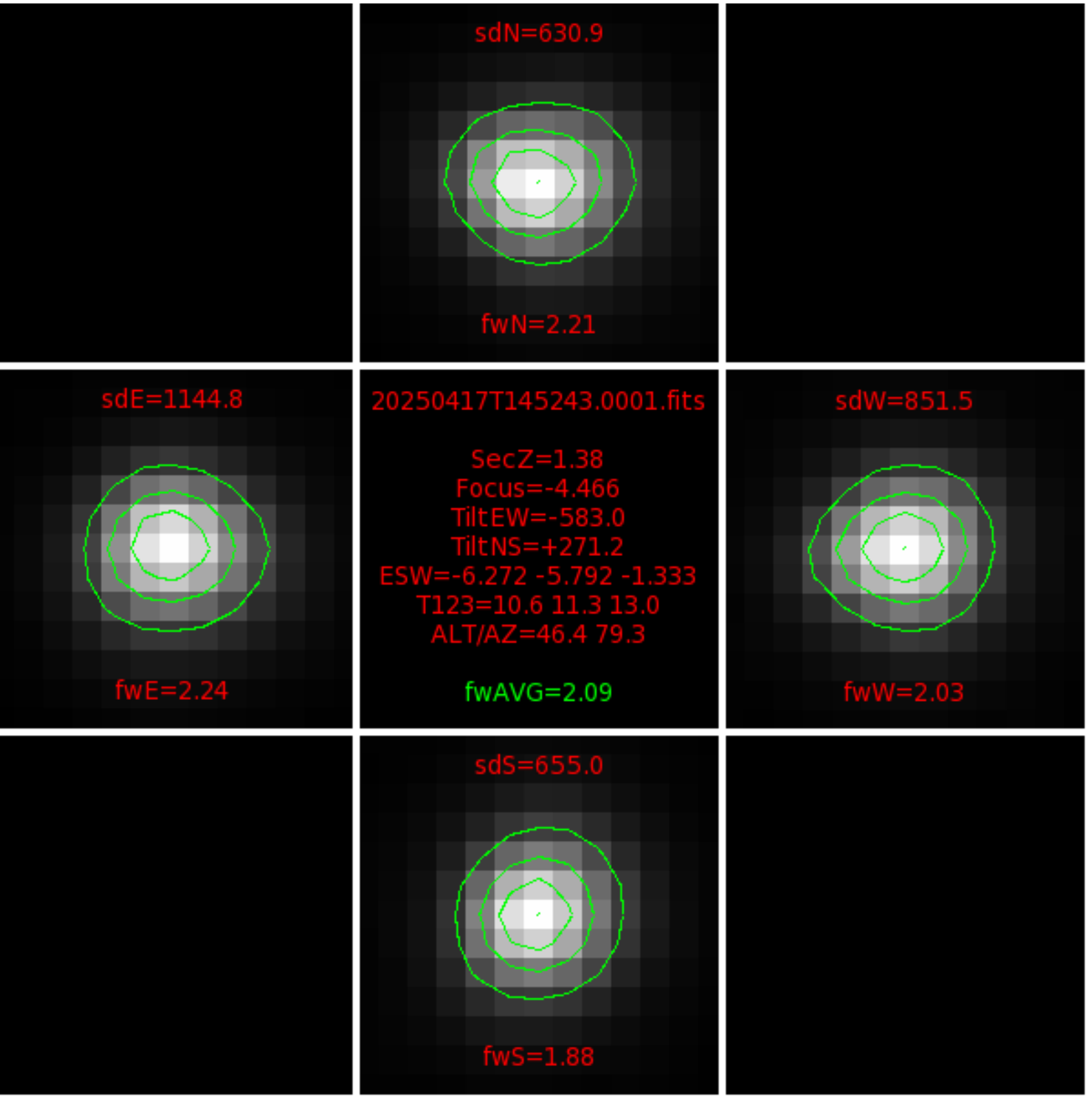
sdN=630.9
fwN=2.21
sdE=1144.8
fwE=2.24
20250417T145243.0001.fits
SecZ=1.38
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.6 11.3 13.0
ALT/AZ=46.4 79.3
fwAVG=2.09
sdW=851.5
fwW=2.03
sdS=655.0
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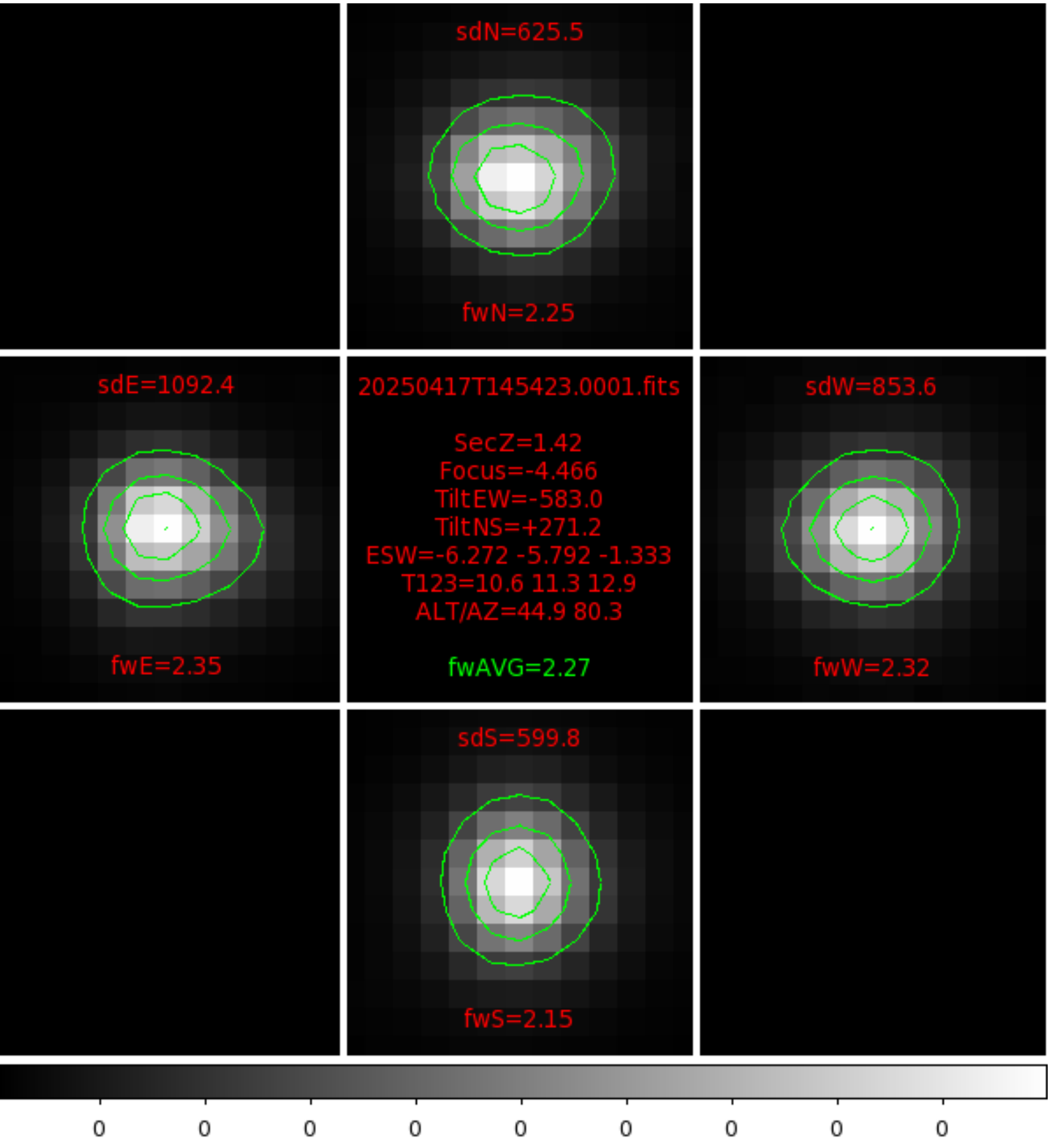
sdN=625.5
fwN=2.25
sdE=1092.4
fwE=2.35
20250417T145423.0001.fits
SecZ=1.42
Focus=-4.466
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.272 -5.792 -1.333
T123=10.6 11.3 12.9
ALT/AZ=44.9 80.3
fwAVG=2.27
sdW=853.6
fwW=2.32
sdS=599.8
fwS=2.15
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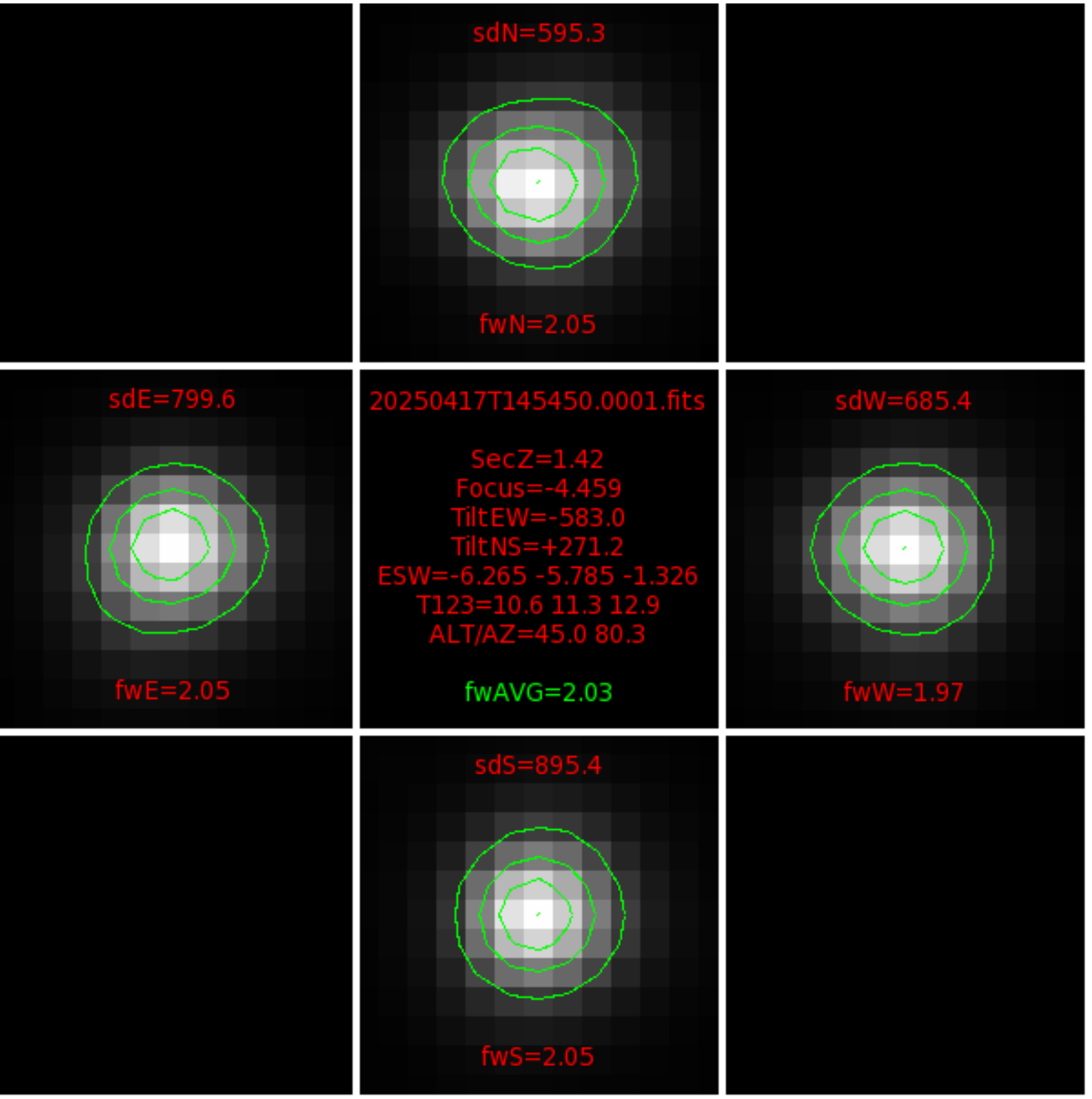
sdN=595.3
fwN=2.05
sdE=799.6
fwE=2.05
20250417T145450.0001.fits
SecZ=1.42
Focus=-4.459
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.265 -5.785 -1.326
T123=10.6 11.3 12.9
ALT/AZ=45.0 80.3
fwAVG=2.03
sdW=685.4
fwW=1.97
sdS=895.4
fwS=2.05
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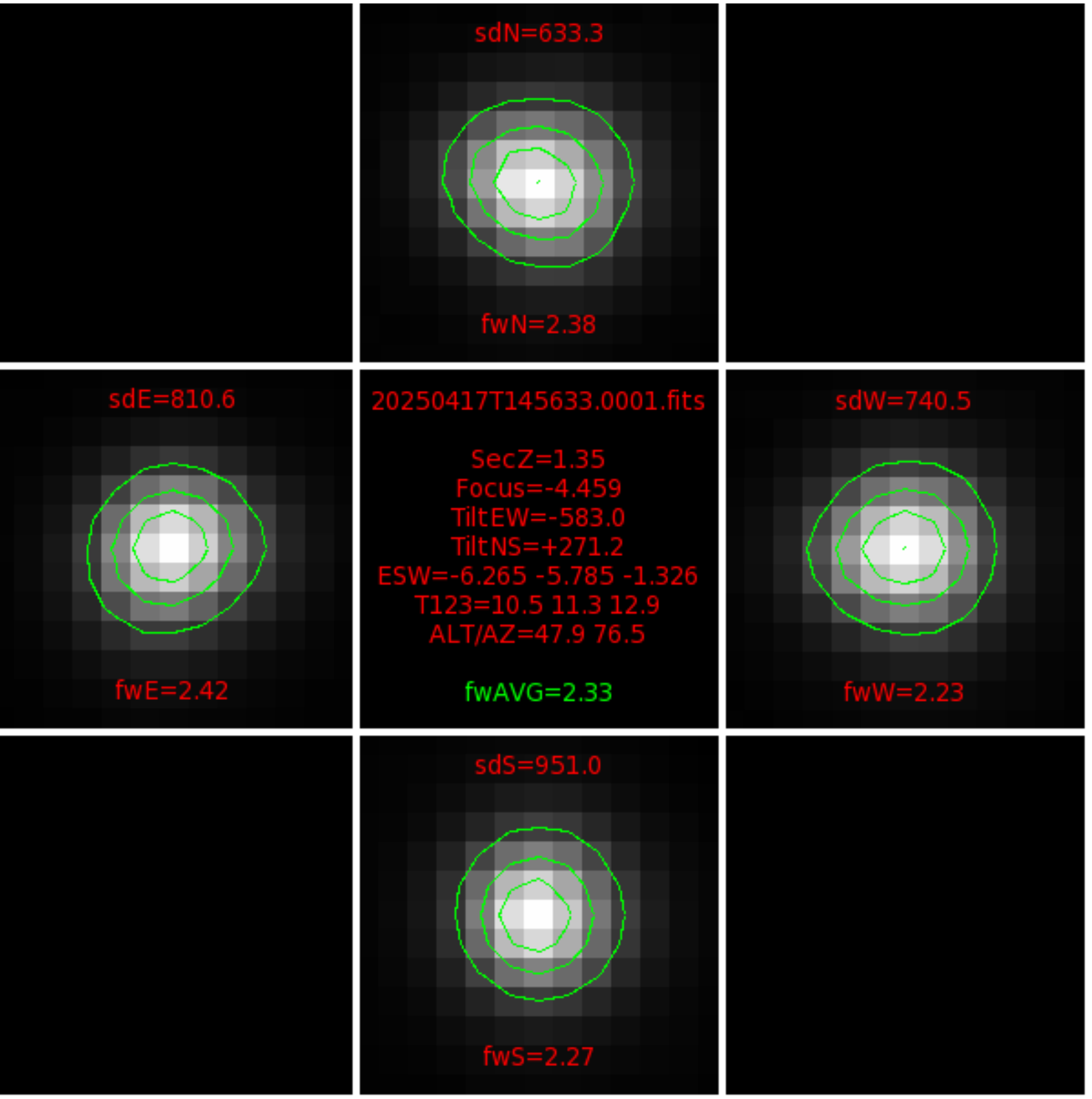
sdN=633.3
fwN=2.38
sdE=810.6
fwE=2.42
20250417T145633.0001.fits
SecZ=1.35
Focus=-4.459
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.265 -5.785 -1.326
T123=10.5 11.3 12.9
ALT/AZ=47.9 76.5
fwAVG=2.33
sdW=740.5
fwW=2.23
sdS=951.0
fwS=2.27
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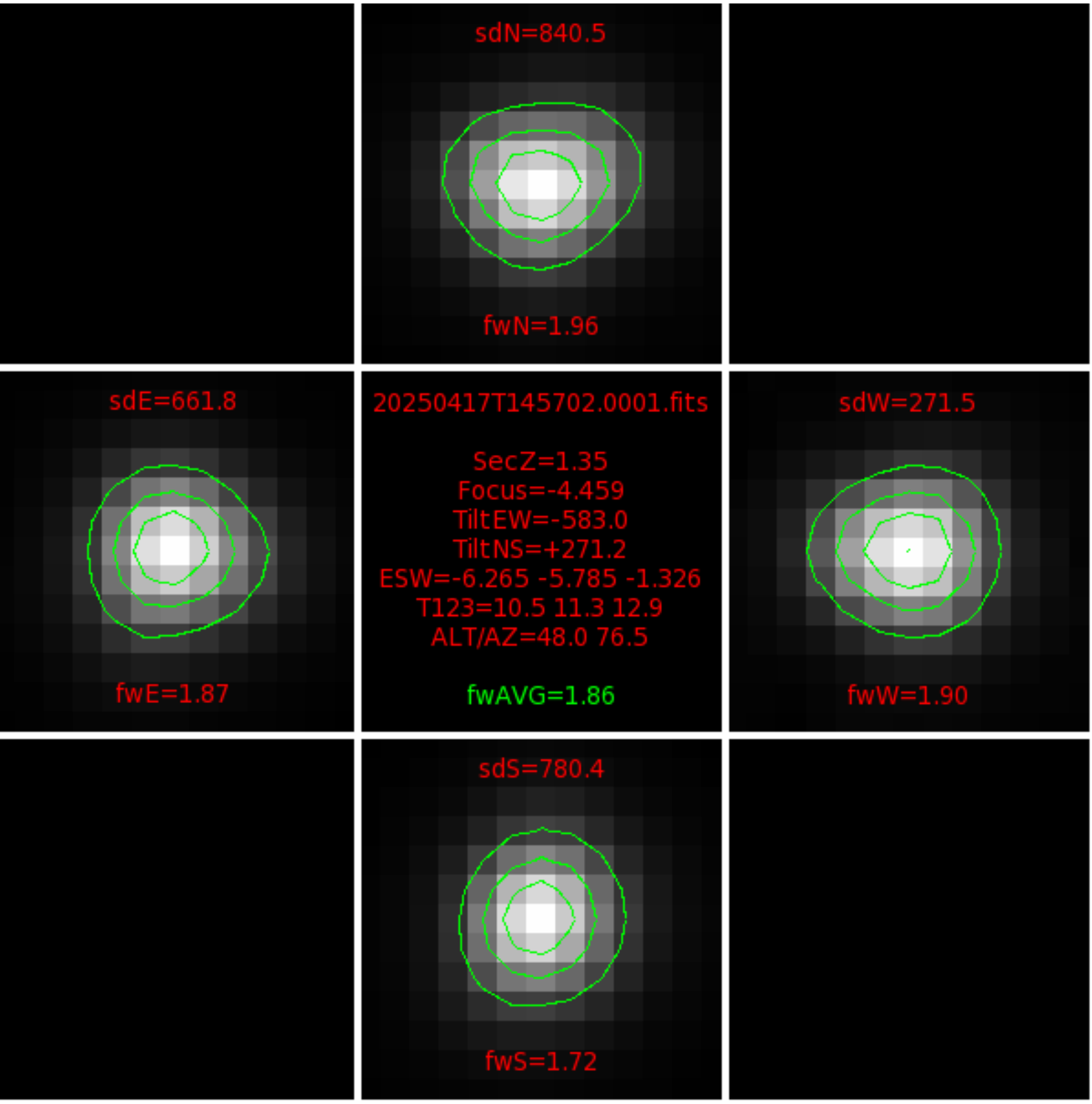
sdN=840.5
fwN=1.96
sdE=661.8
fwE=1.87
20250417T145702.0001.fits
SecZ=1.35
Focus=-4.459
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.265 -5.785 -1.326
T123=10.5 11.3 12.9
ALT/AZ=48.0 76.5
fwAVG=1.86
sdW=271.5
fwW=1.90
sdS=780.4
fwS=1.72
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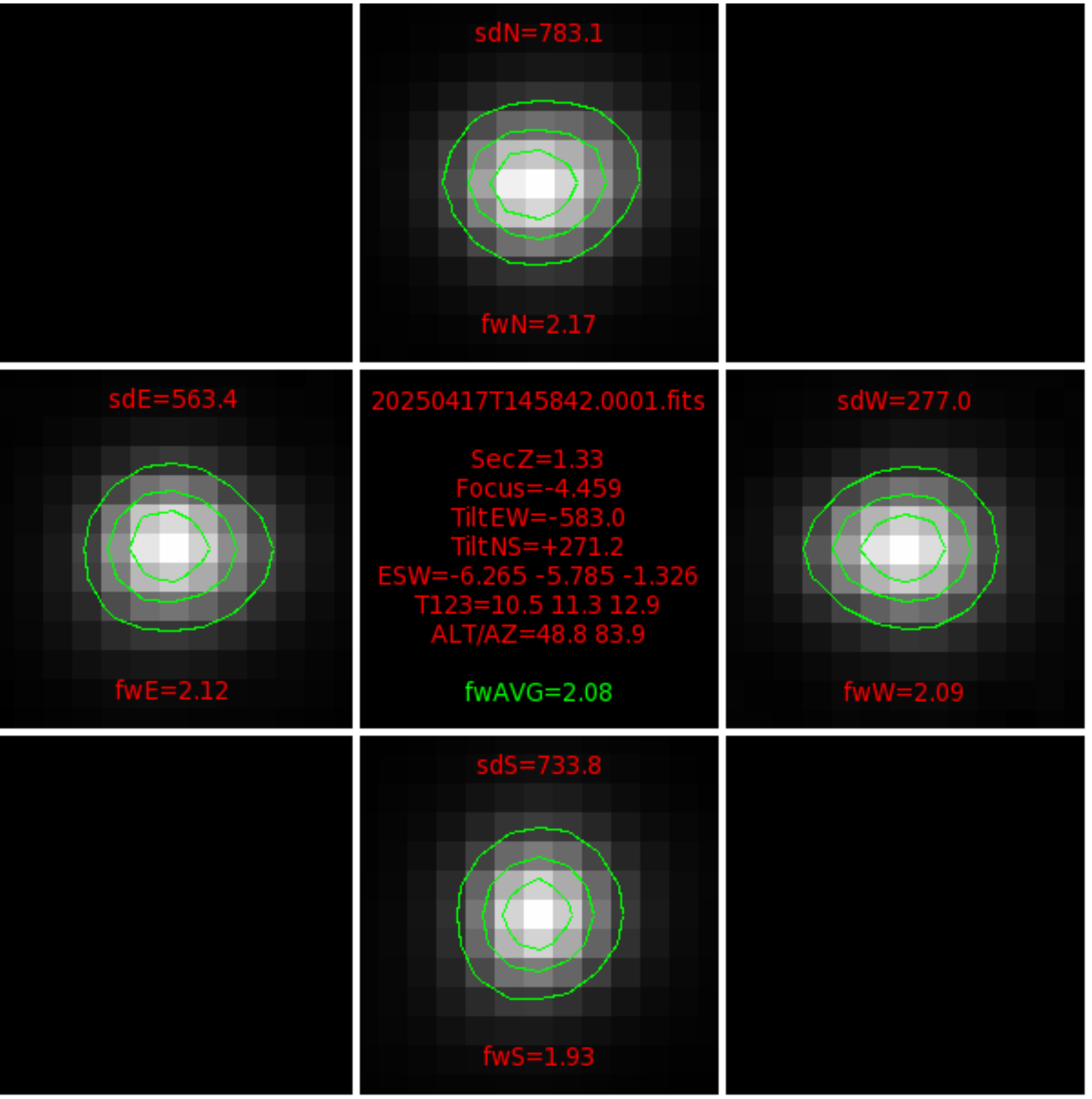
sdN=783.1
fwN=2.17
sdE=563.4
fwE=2.12
20250417T145842.0001.fits
SecZ=1.33
Focus=-4.459
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.265 -5.785 -1.326
T123=10.5 11.3 12.9
ALT/AZ=48.8 83.9
fwAVG=2.08
sdW=277.0
fwW=2.09
sdS=733.8
fwS=1.93
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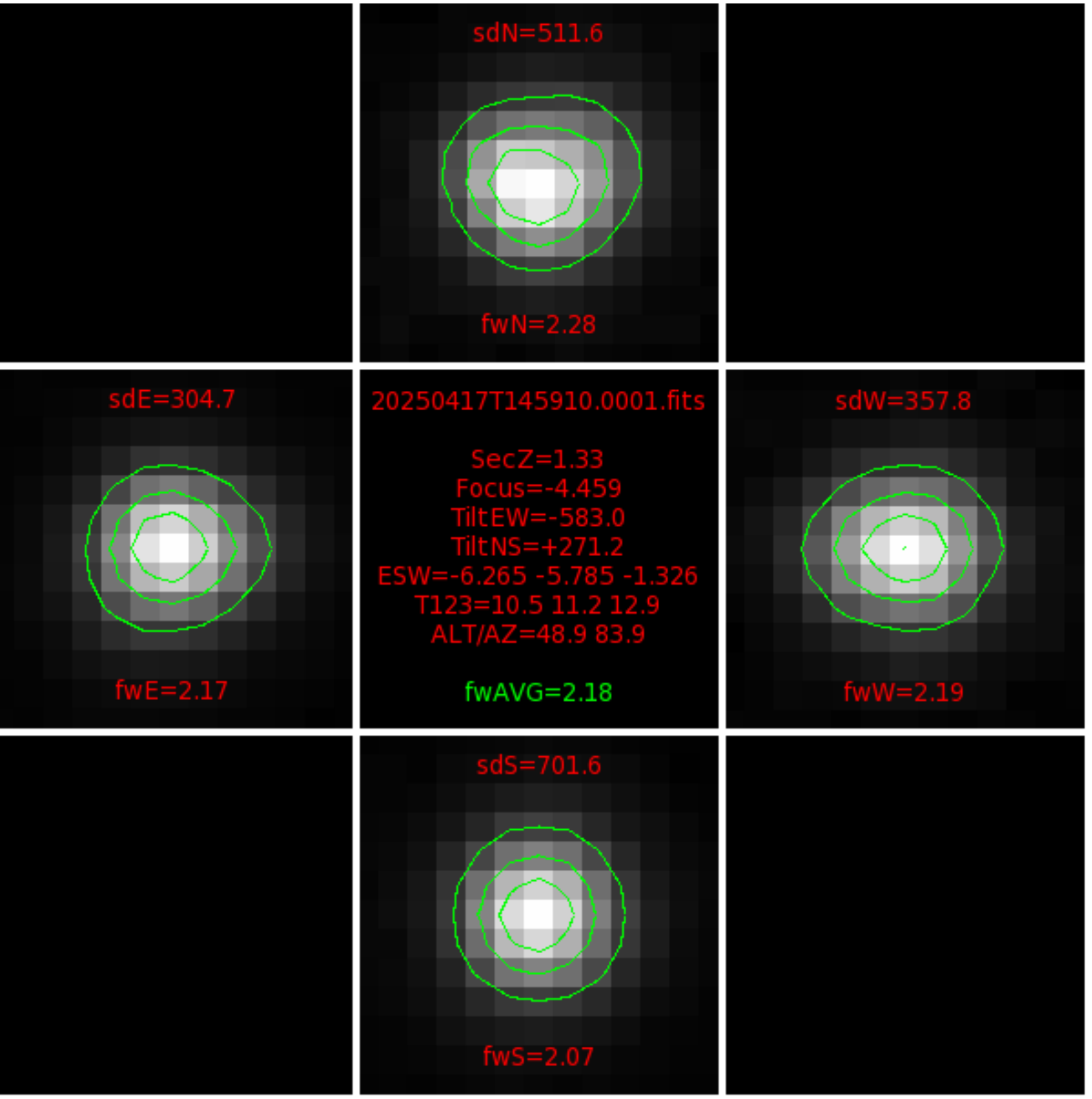
sdN=511.6
fwN=2.28
sdE=304.7
fwE=2.17
20250417T145910.0001.fits
SecZ=1.33
Focus=-4.459
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.265 -5.785 -1.326
T123=10.5 11.2 12.9
ALT/AZ=48.9 83.9
fwAVG=2.18
sdW=357.8
fwW=2.19
sdS=701.6
fwS=2.07
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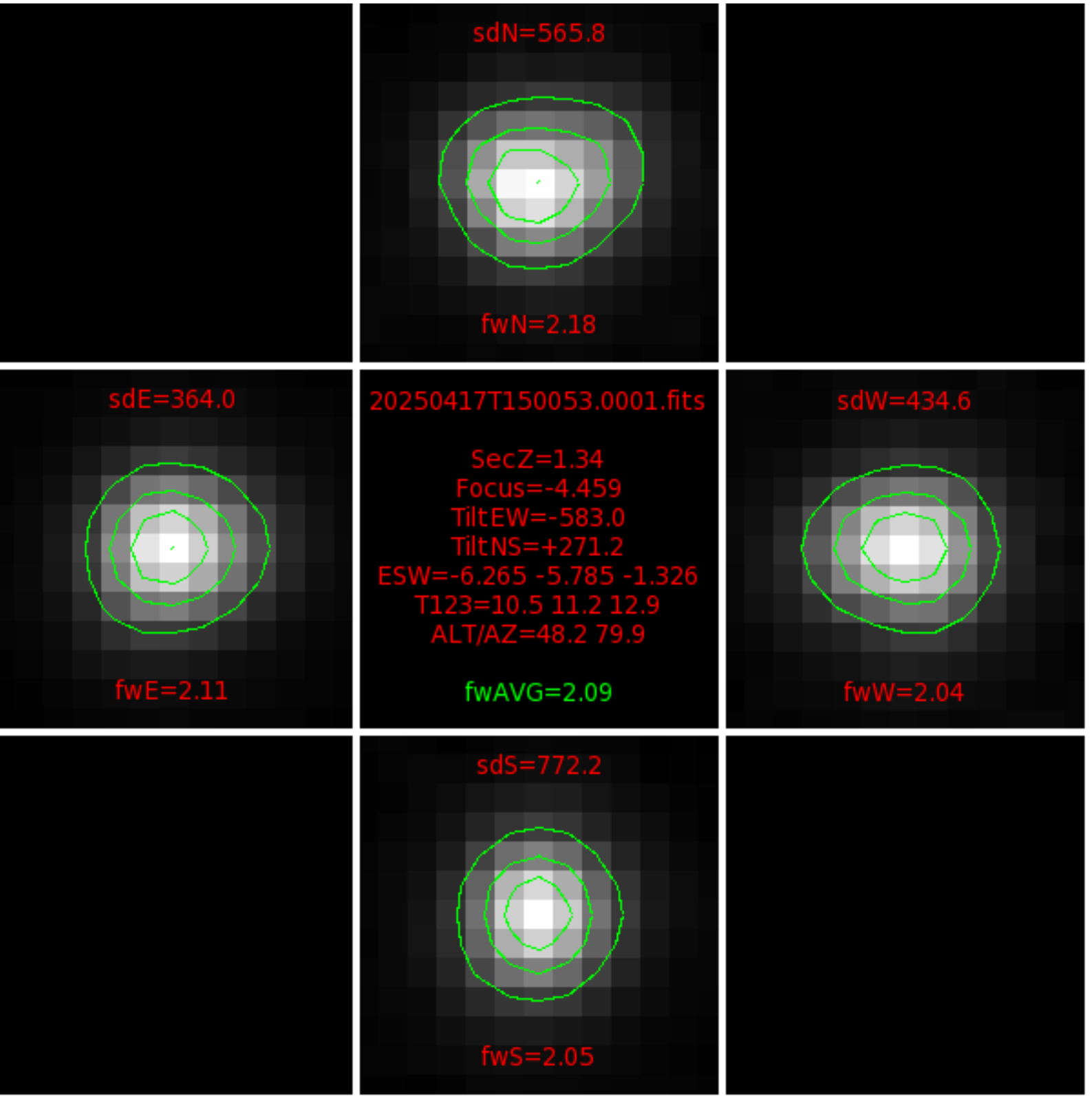
sdN=565.8
fwN=2.18
sdE=364.0
fwE=2.11
20250417T150053.0001.fits
SecZ=1.34
Focus=-4.459
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.265 -5.785 -1.326
T123=10.5 11.2 12.9
ALT/AZ=48.2 79.9
fwAVG=2.09
sdW=434.6
fwW=2.04
sdS=772.2
fwS=2.05
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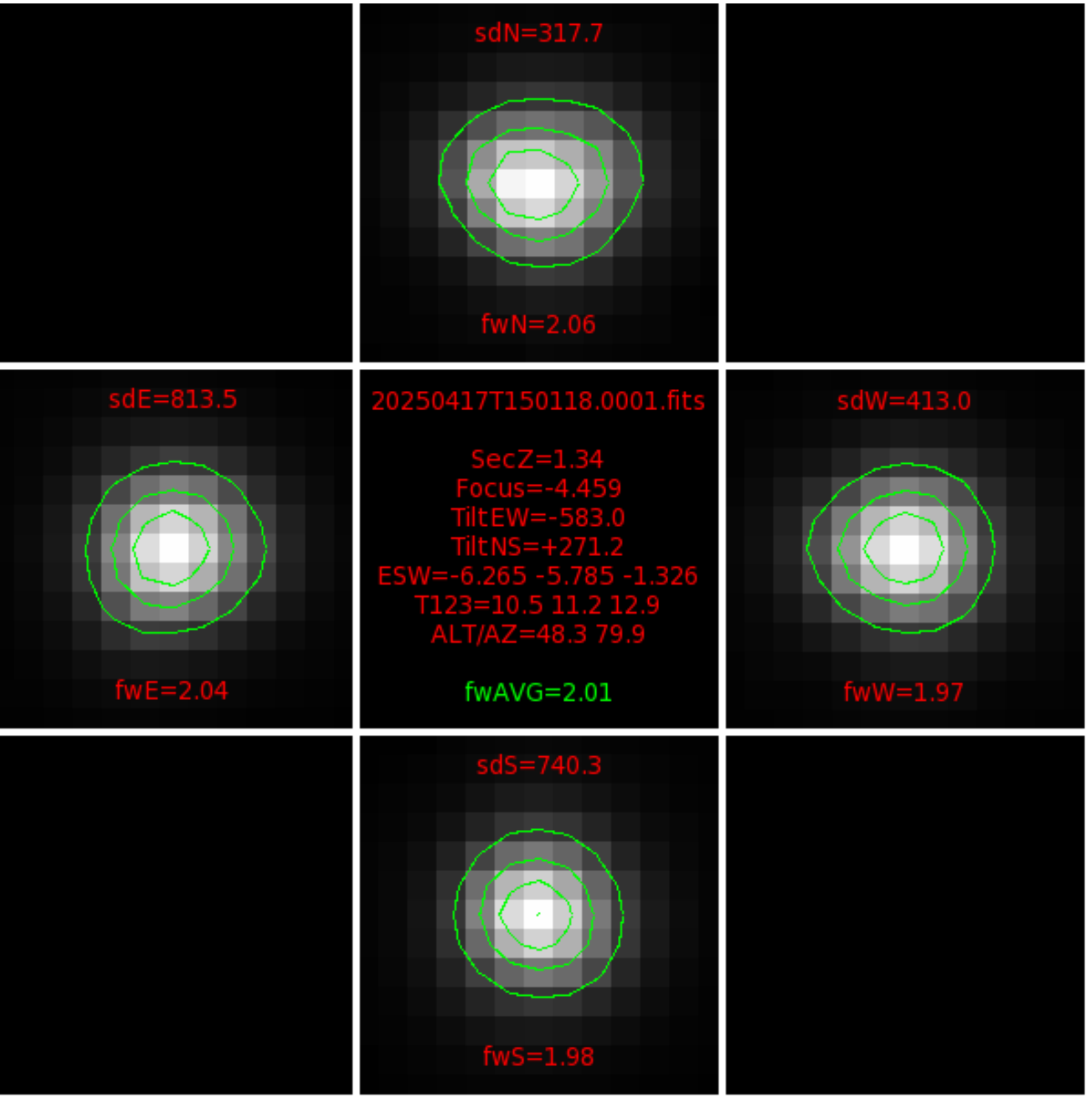
sdN=317.7
fwN=2.06
sdE=813.5
fwE=2.04
20250417T150118.0001.fits
SecZ=1.34
Focus=-4.459
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.265 -5.785 -1.326
T123=10.5 11.2 12.9
ALT/AZ=48.3 79.9
fwAVG=2.01
sdW=413.0
fwW=1.97
sdS=740.3
fwS=1.98
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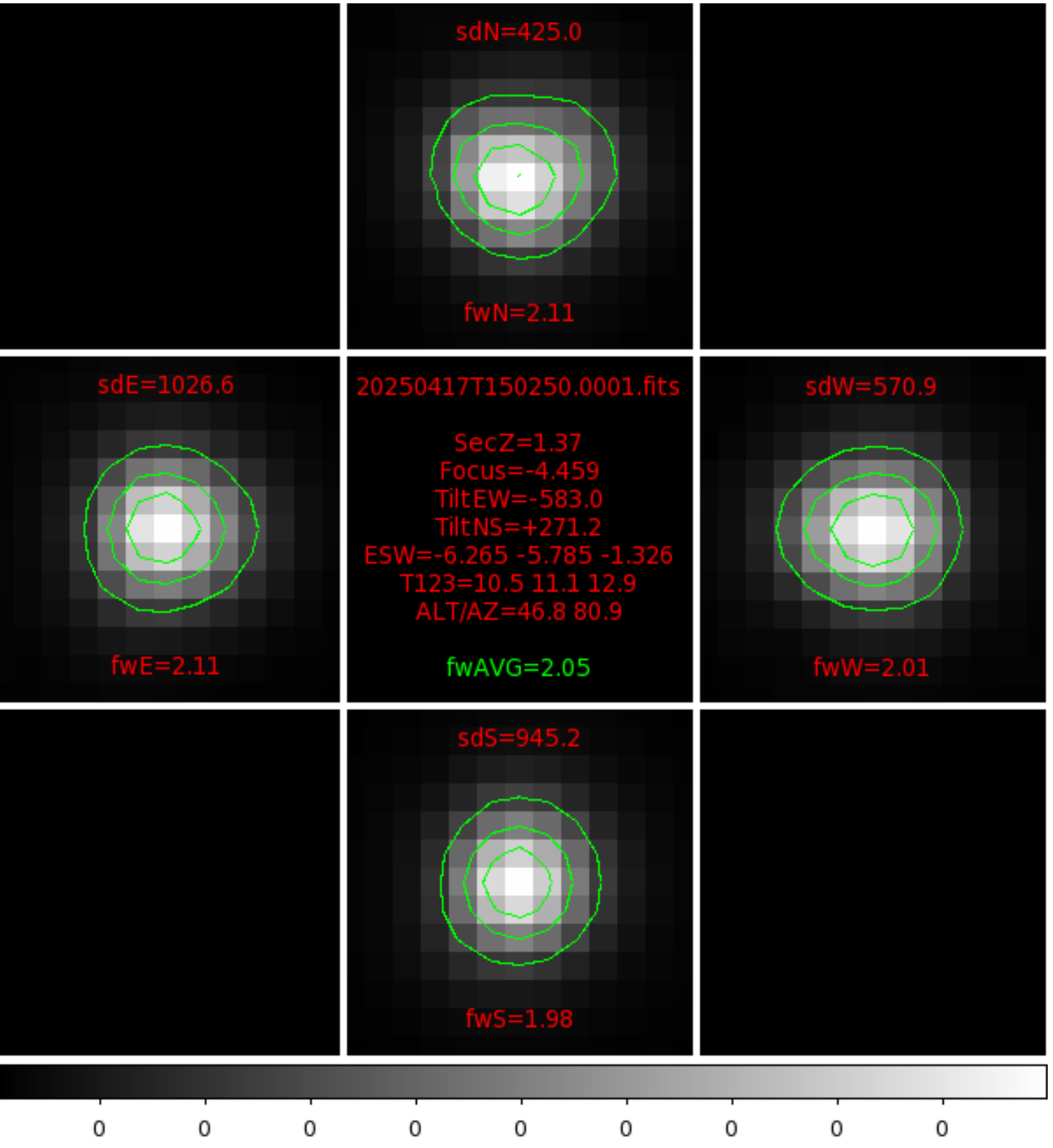
sdN=425.0
fwN=2.11
sdE=1026.6
fwE=2.11
20250417T150250.0001.fits
SecZ=1.37
Focus=-4.459
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.265 -5.785 -1.326
T123=10.5 11.1 12.9
ALT/AZ=46.8 80.9
fwAVG=2.05
sdW=570.9
fwW=2.01
sdS=945.2
fwS=1.98
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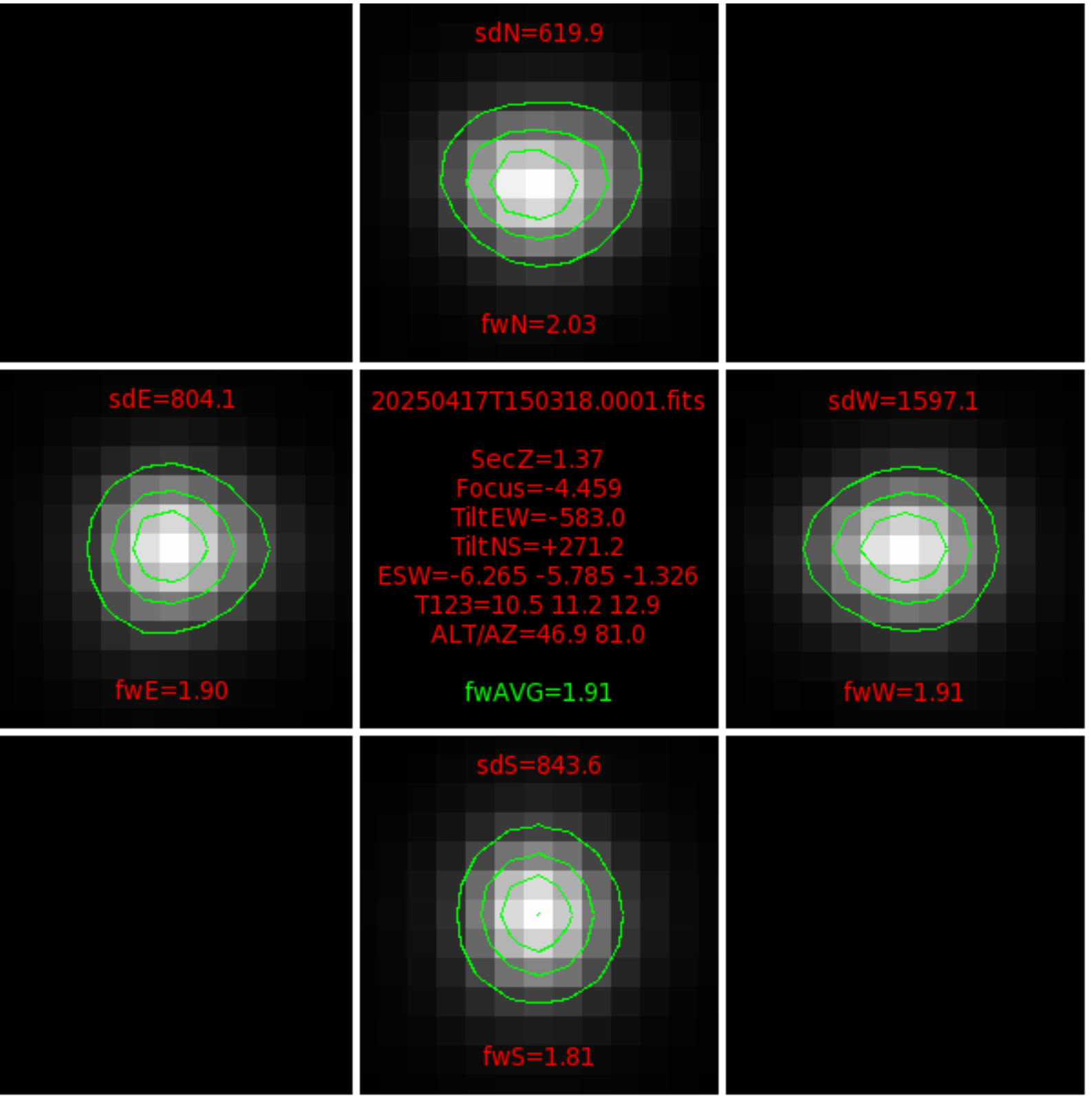
sdN=619.9
fwN=2.03
sdE=804.1
fwE=1.90
20250417T150318.0001.fits
SecZ=1.37
Focus=-4.459
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.265 -5.785 -1.326
T123=10.5 11.2 12.9
ALT/AZ=46.9 81.0
fwAVG=1.91
sdW=1597.1
fwW=1.91
sdS=843.6
fwS=1.81
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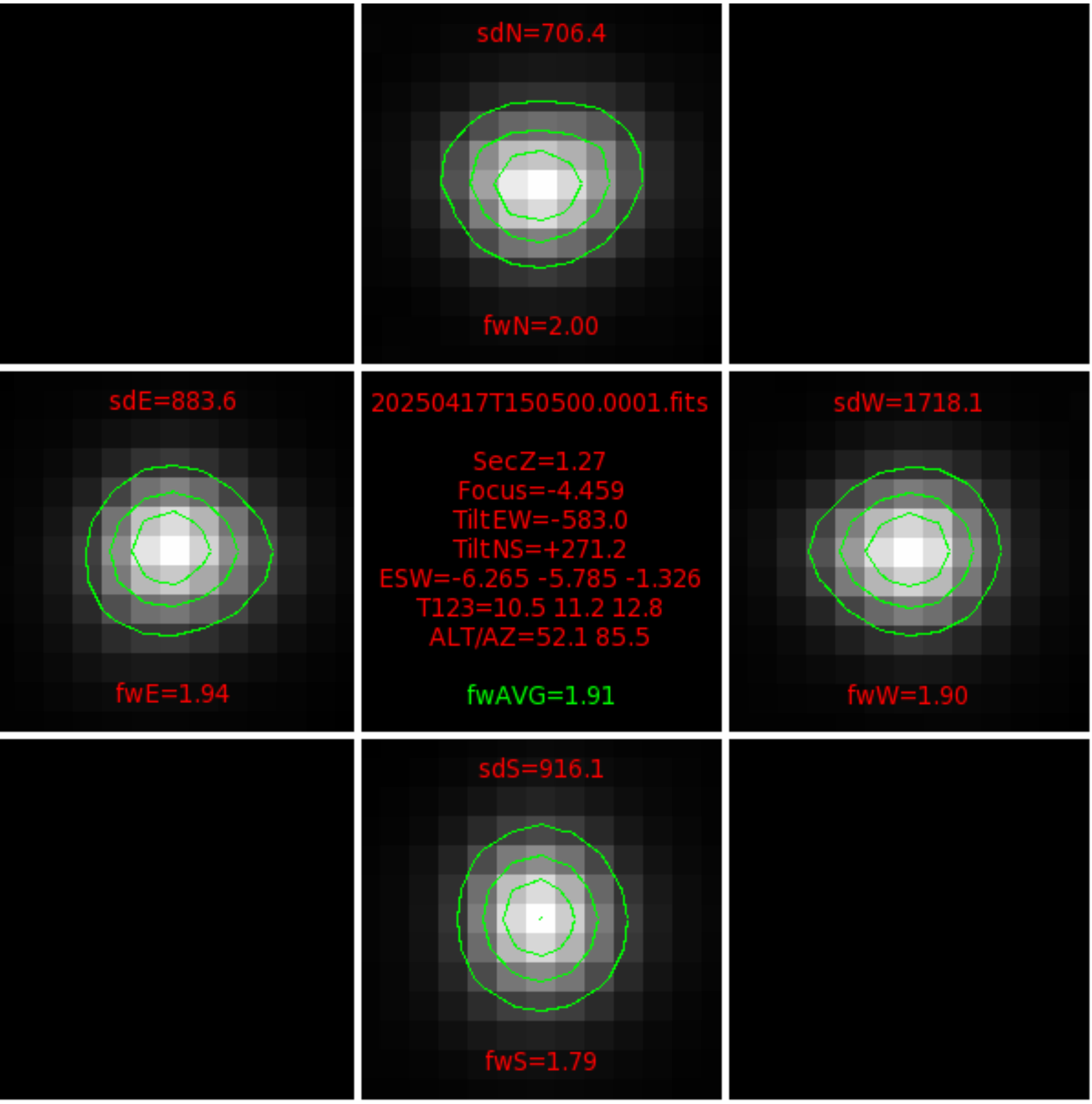
sdN=706.4
fwN=2.00
sdE=883.6
fwE=1.94
20250417T150500.0001.fits
SecZ=1.27
Focus=-4.459
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.265 -5.785 -1.326
T123=10.5 11.2 12.8
ALT/AZ=52.1 85.5
fwAVG=1.91
sdW=1718.1
fwW=1.90
sdS=916.1
fwS=1.79
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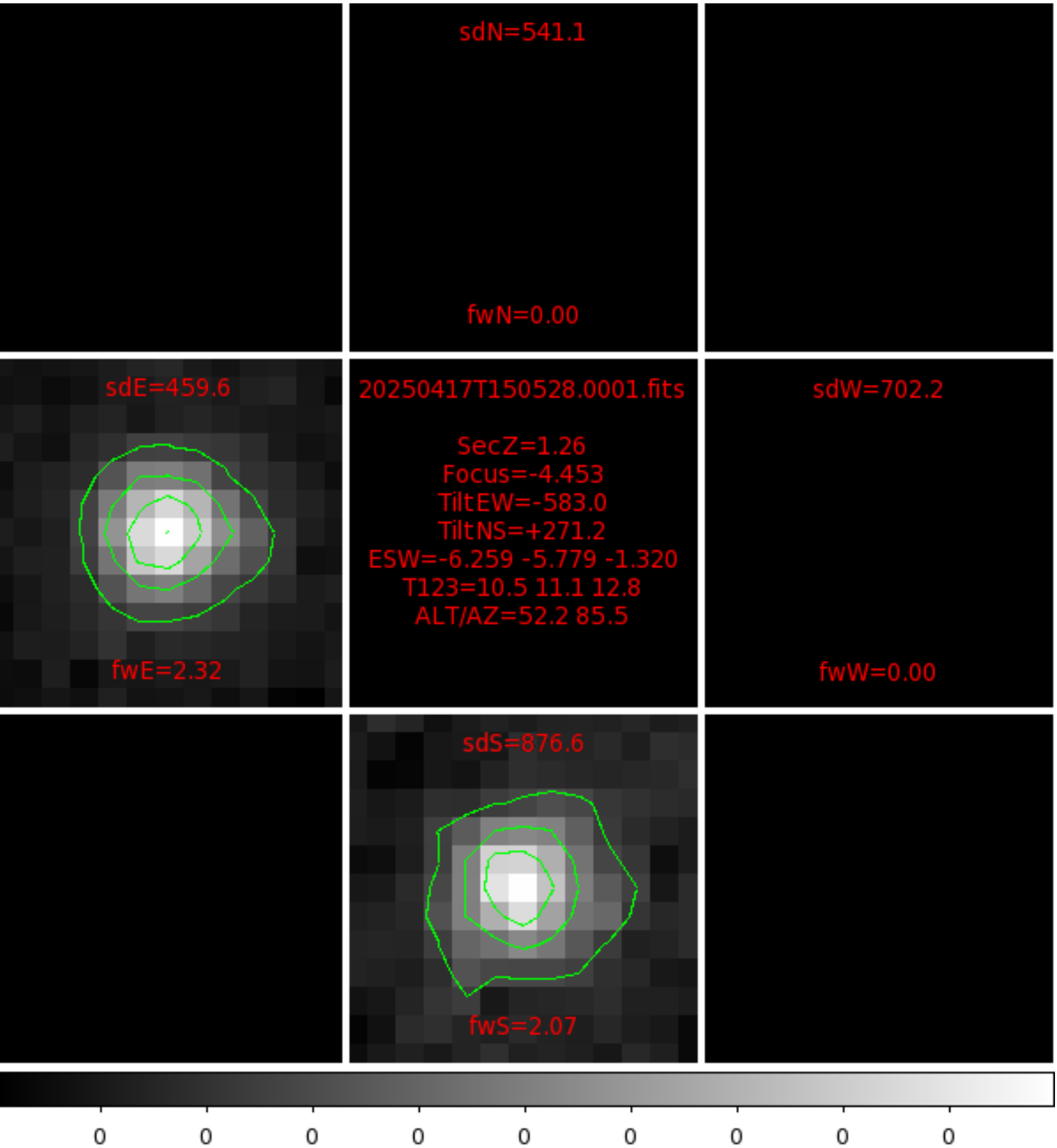
sdN=541.1
fwN=0.00
sdE=459.6
fwE=2.32
20250417T150528.0001.fits
SecZ=1.26
Focus=-4.453
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.259 -5.779 -1.320
T123=10.5 11.1 12.8
ALT/AZ=52.2 85.5
sdW=702.2
fwW=0.00
sdS=876.6
fwS=2.07
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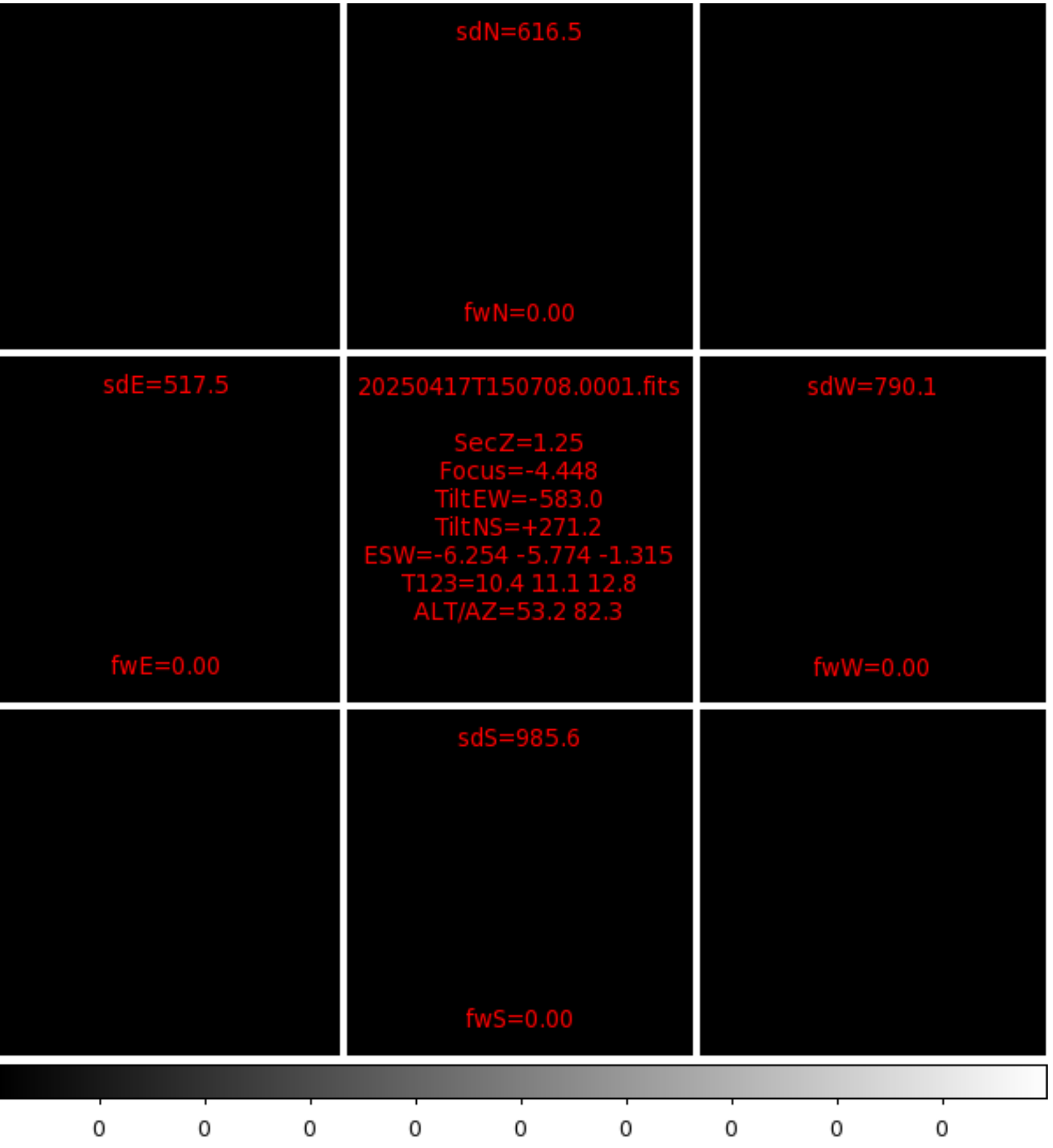
sdN=616.5
fwN=0.00
sdE=517.5
fwE=0.00
20250417T150708.0001.fits
SecZ=1.25
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.4 11.1 12.8
ALT/AZ=53.2 82.3
sdW=790.1
fwW=0.00
sdS=985.6
fwS=0.00
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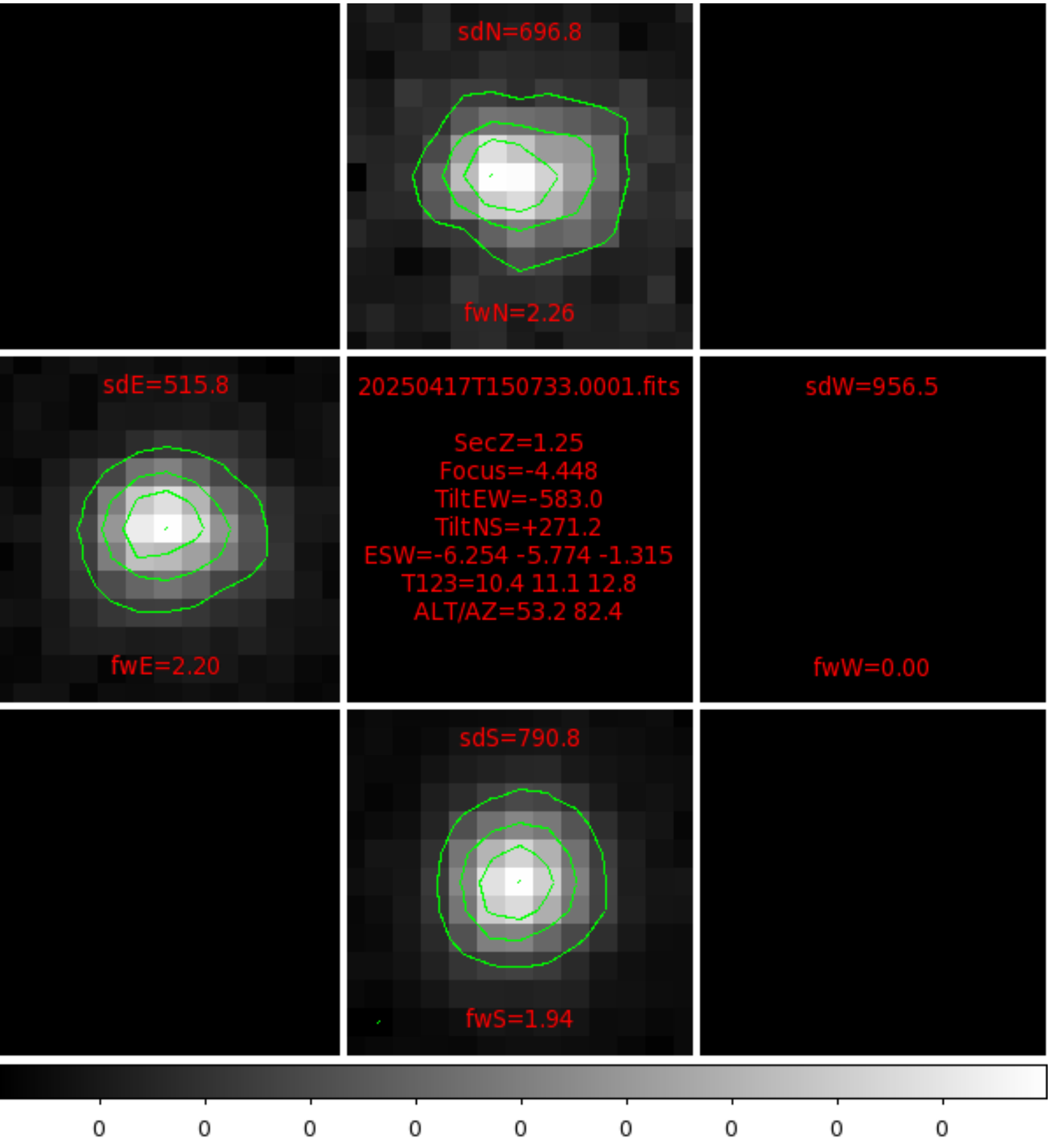
sdN=696.8
fwN=2.26
sdE=515.8
fwE=2.20
20250417T150733.0001.fits
SecZ=1.25
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.4 11.1 12.8
ALT/AZ=53.2 82.4
sdW=956.5
fwW=0.00
sdS=790.8
fwS=1.94
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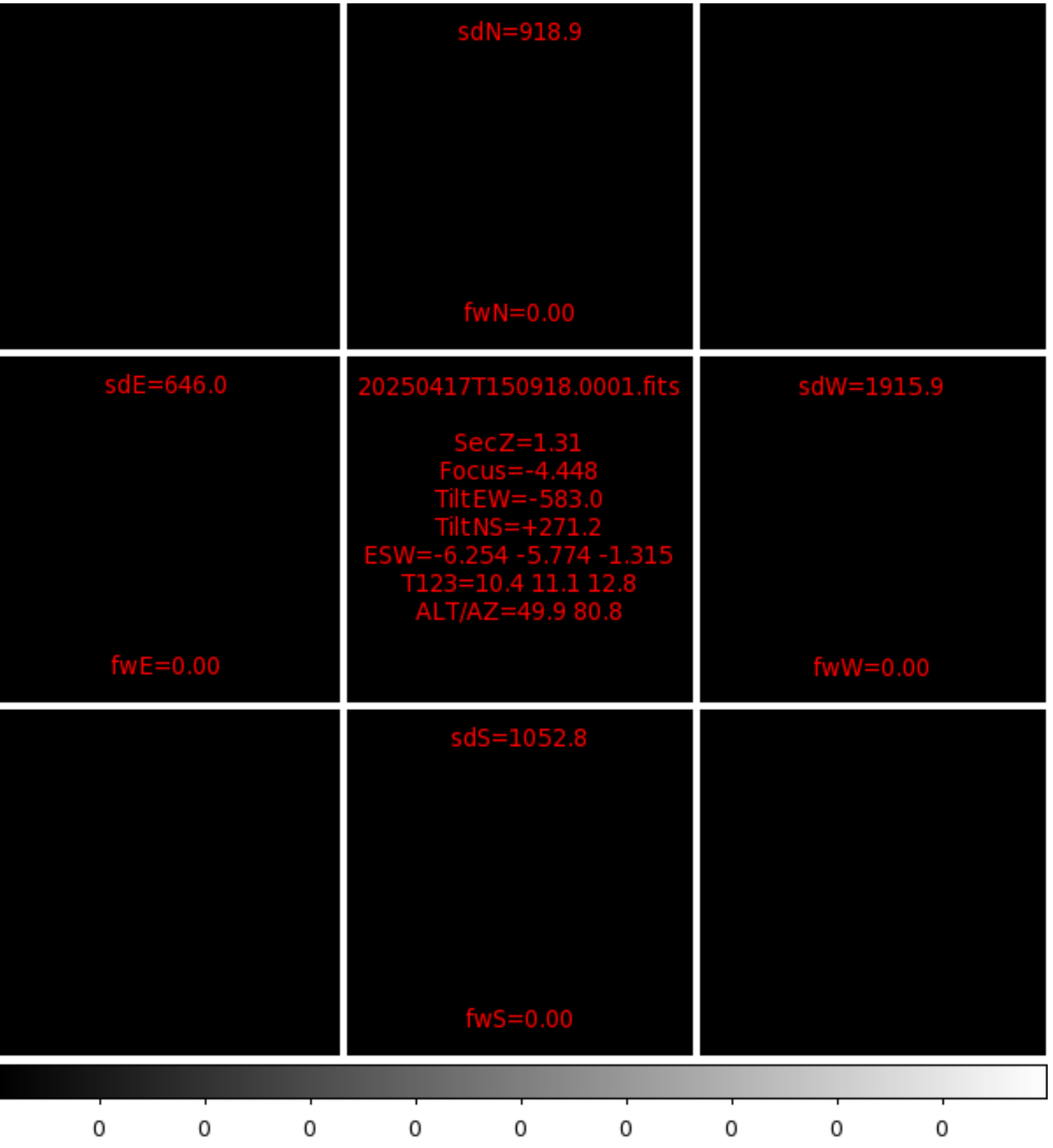
sdN=918.9
fwN=0.00
sdE=646.0
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SecZ=1.31
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.4 11.1 12.8
ALT/AZ=49.9 80.8
sdW=1915.9
fwE=0.00
fwW=0.00
sdS=1052.8
fwS=0.00
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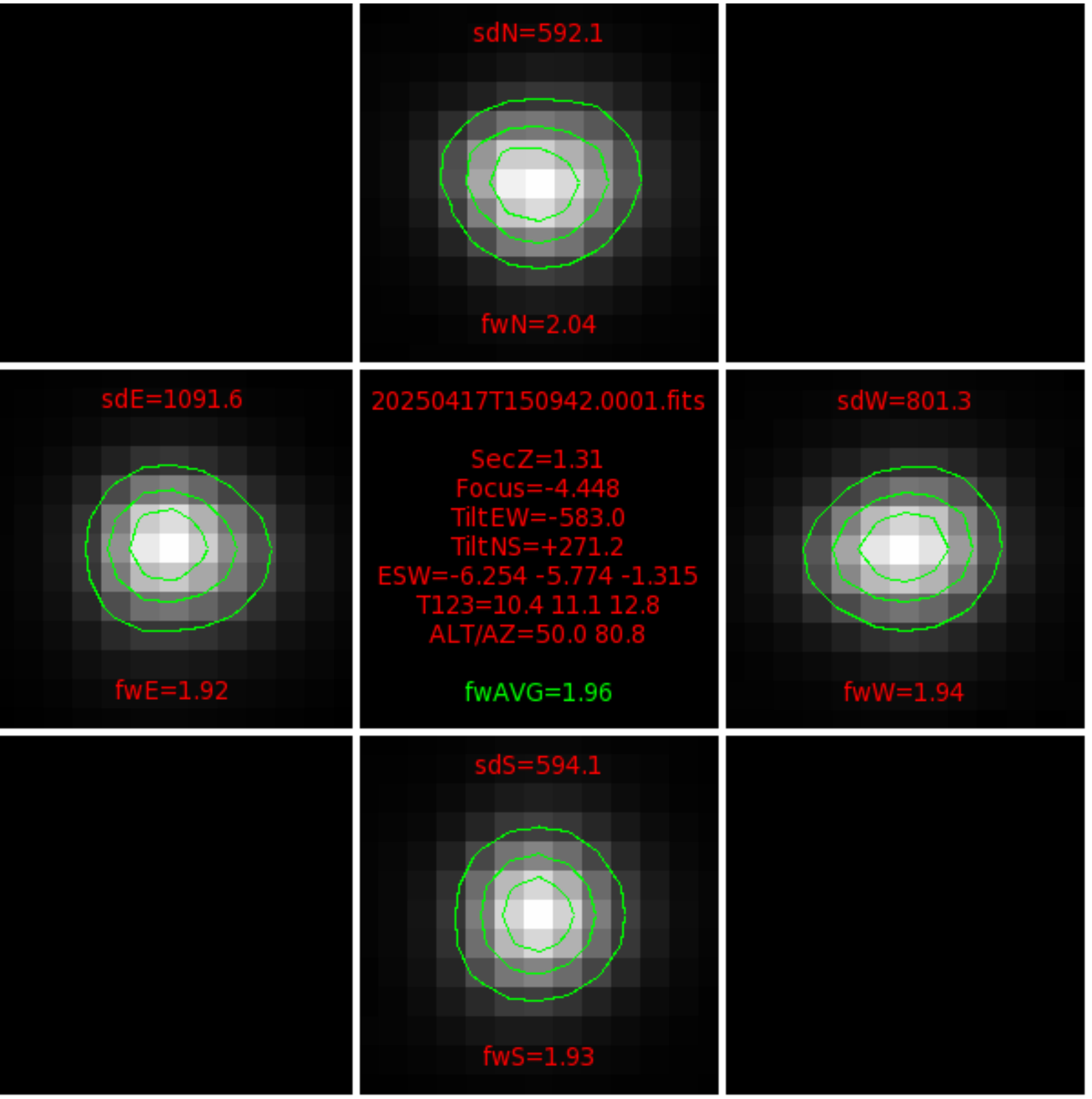
sdN=592.1
fwN=2.04
sdE=1091.6
fwE=1.92
20250417T150942.0001.fits
SecZ=1.31
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.4 11.1 12.8
ALT/AZ=50.0 80.8
fwAVG=1.96
sdW=801.3
fwW=1.94
sdS=594.1
fwS=1.93
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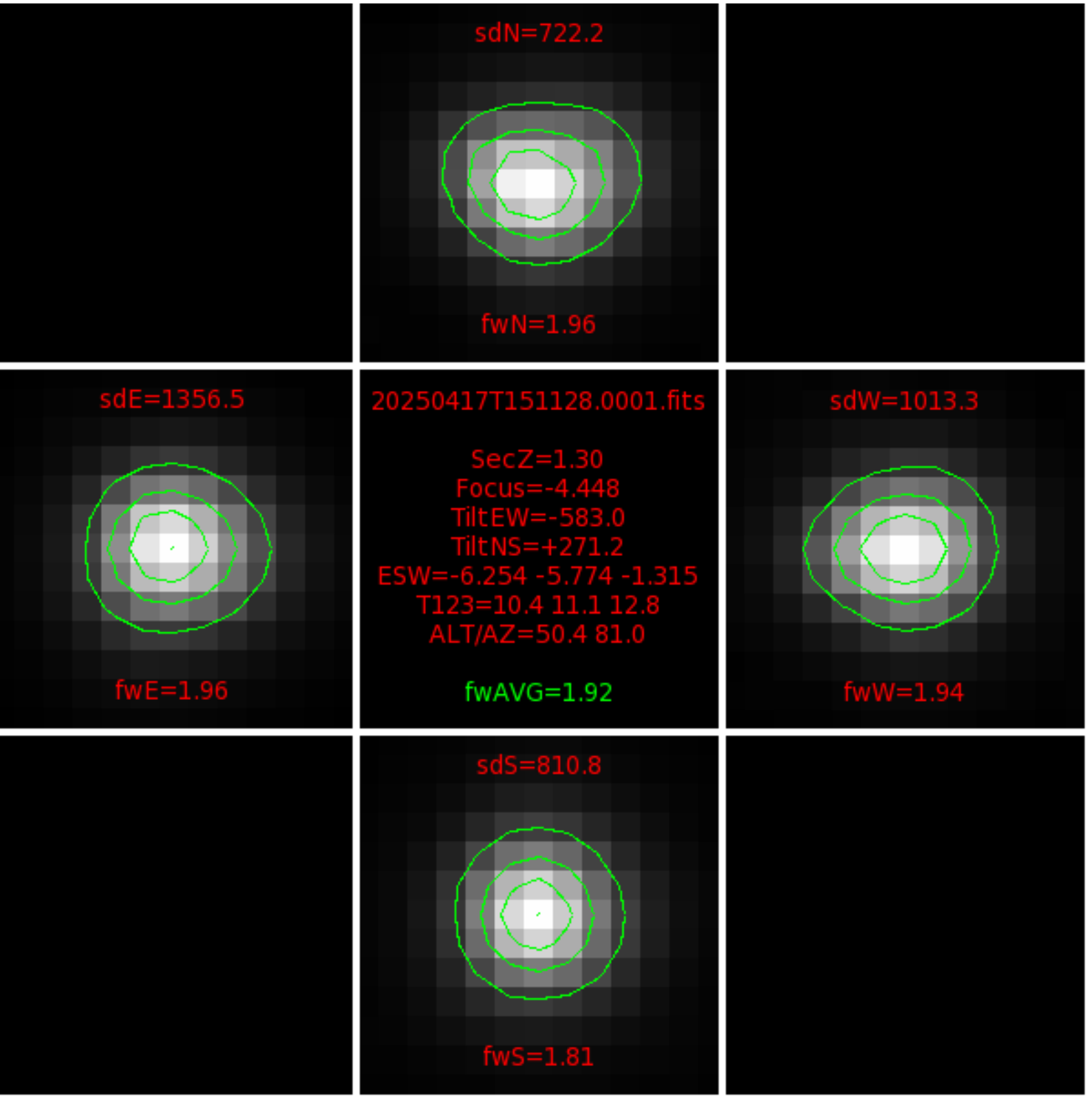
sdN=722.2
fwN=1.96
sdE=1356.5
fwE=1.96
20250417T151128.0001.fits
SecZ=1.30
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.4 11.1 12.8
ALT/AZ=50.4 81.0
fwAVG=1.92
sdW=1013.3
fwW=1.94
sdS=810.8
fwS=1.81
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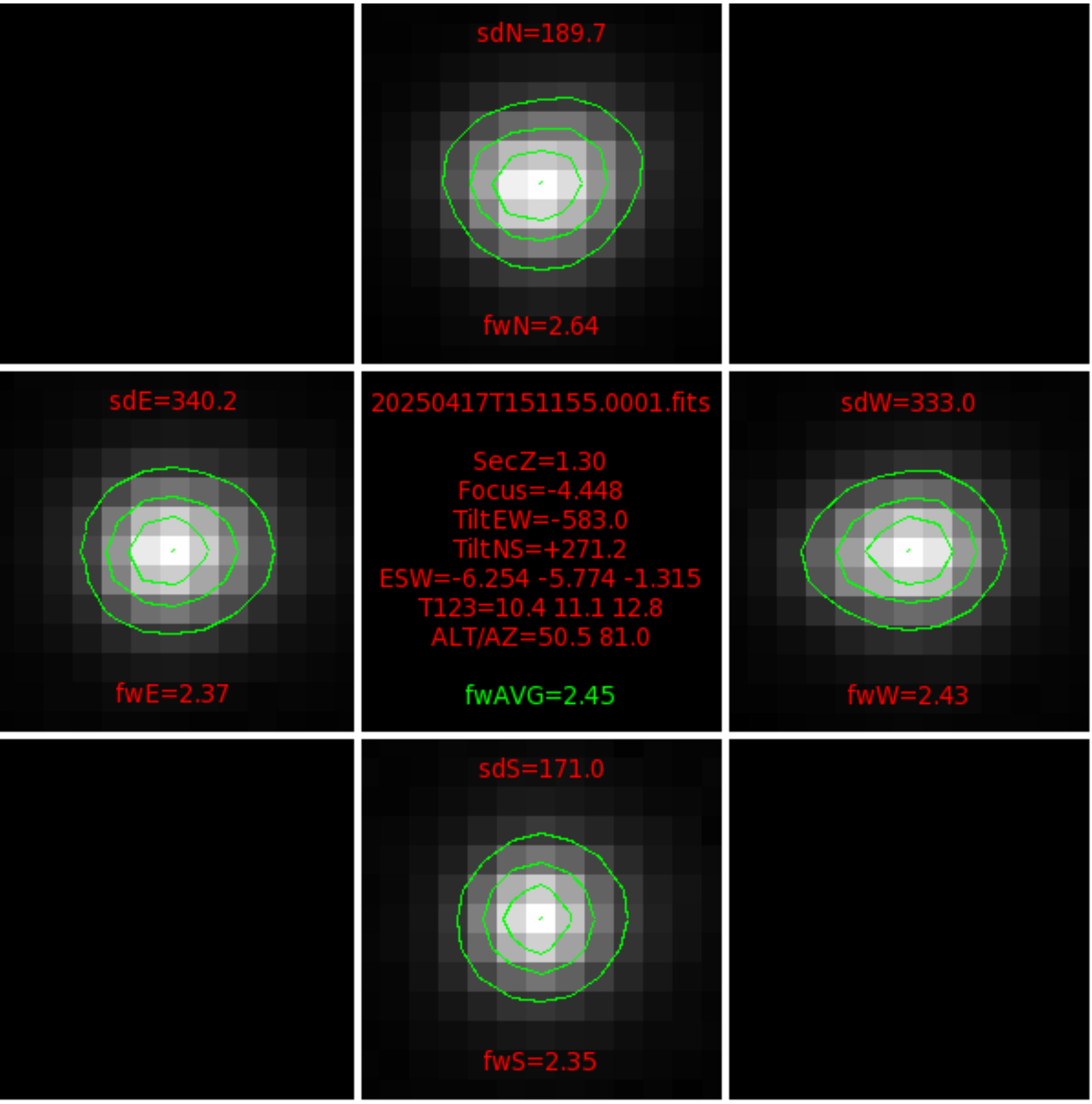
sdN=189.7
fwN=2.64
sdE=340.2
fwE=2.37
20250417T151155.0001.fits
SecZ=1.30
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.4 11.1 12.8
ALT/AZ=50.5 81.0
fwAVG=2.45
sdW=333.0
fwW=2.43
sdS=171.0
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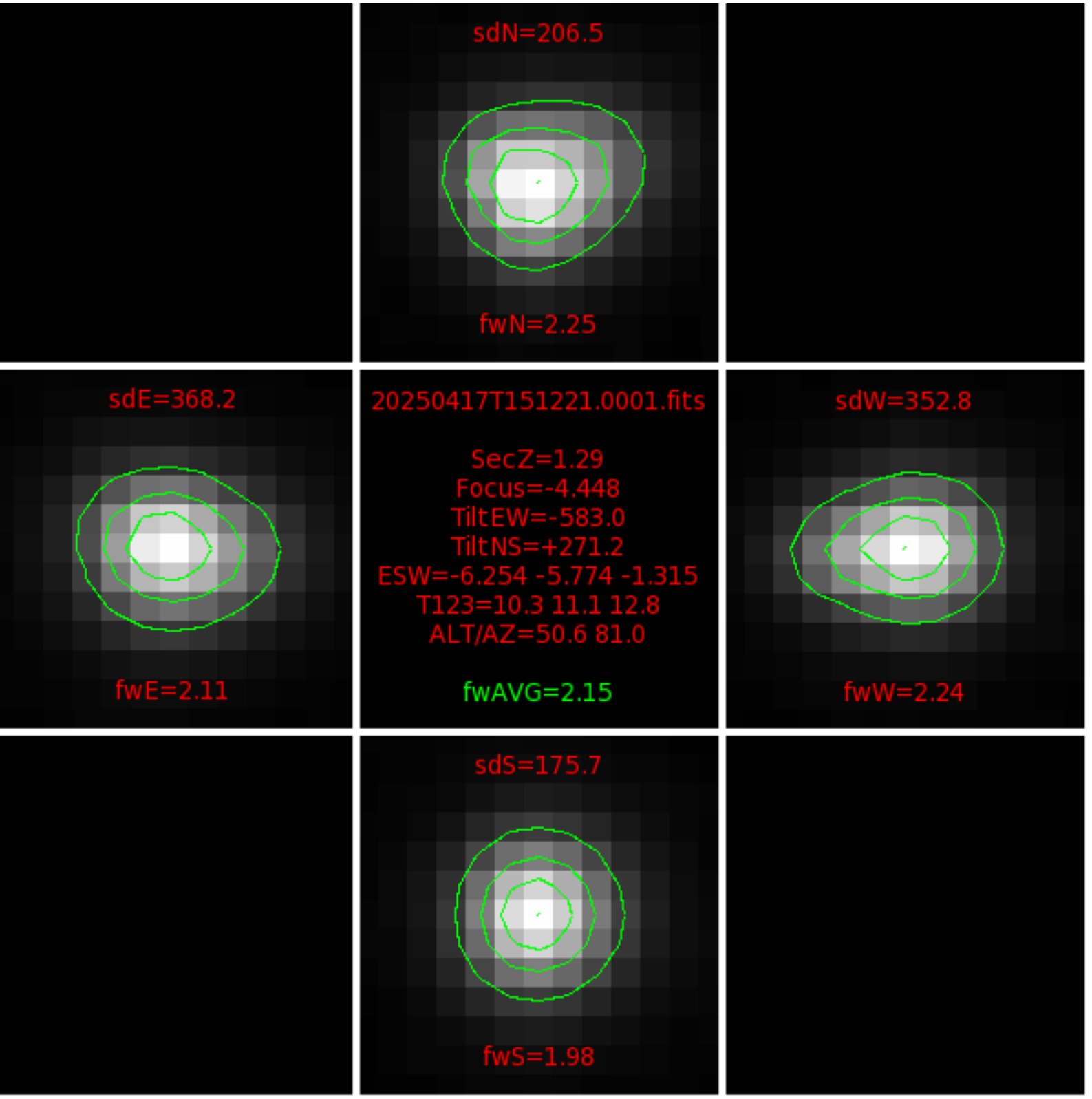
sdN=206.5
fwN=2.25
sdE=368.2
fwE=2.11
20250417T151221.0001.fits
SecZ=1.29
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.3 11.1 12.8
ALT/AZ=50.6 81.0
fwAVG=2.15
sdW=352.8
fwW=2.24
sdS=175.7
fwS=1.98
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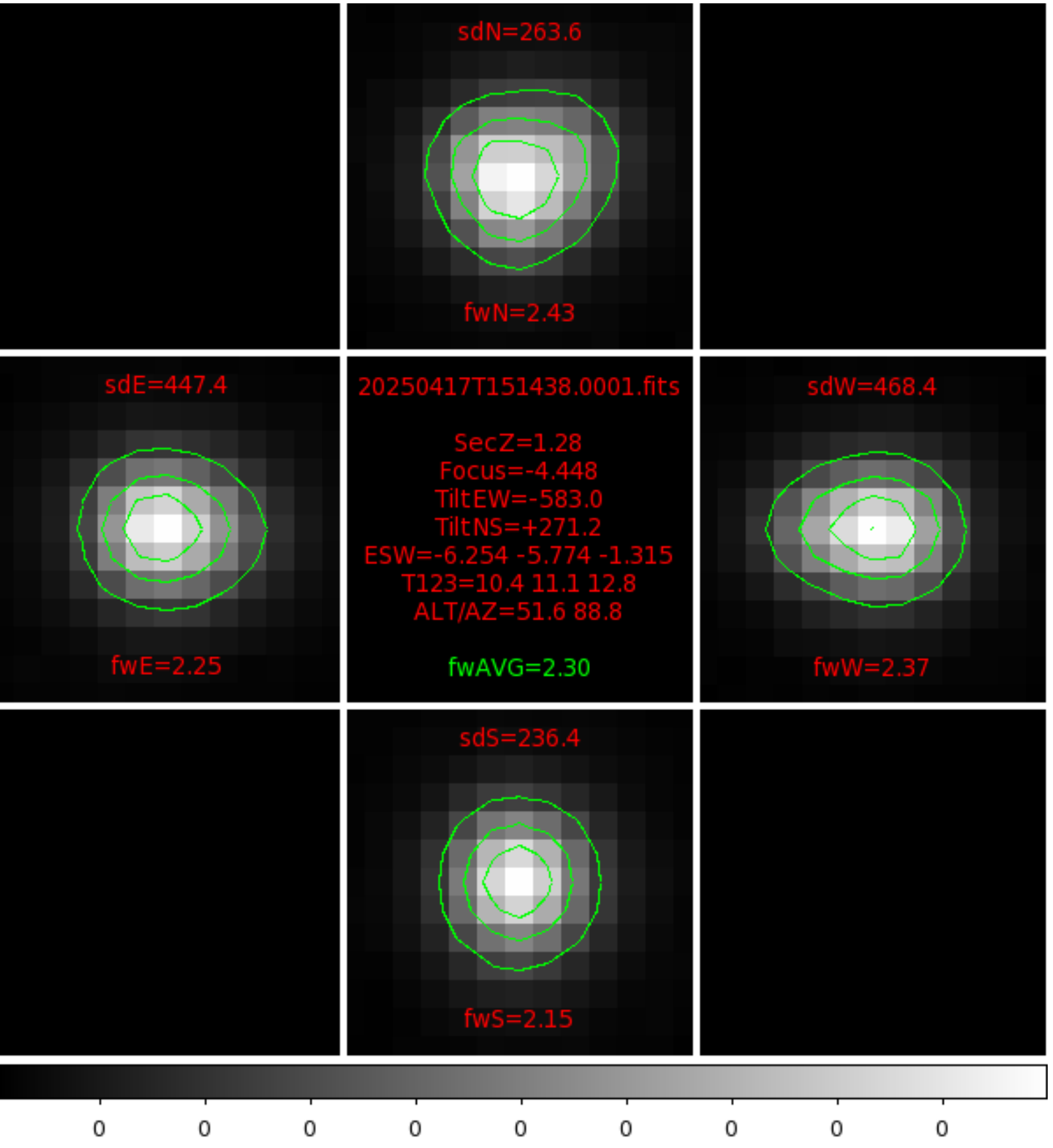
sdN=263.6
fwN=2.43
sdE=447.4
fwE=2.25
20250417T151438.0001.fits
SecZ=1.28
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.4 11.1 12.8
ALT/AZ=51.6 88.8
fwAVG=2.30
sdW=468.4
fwW=2.37
sdS=236.4
fwS=2.15
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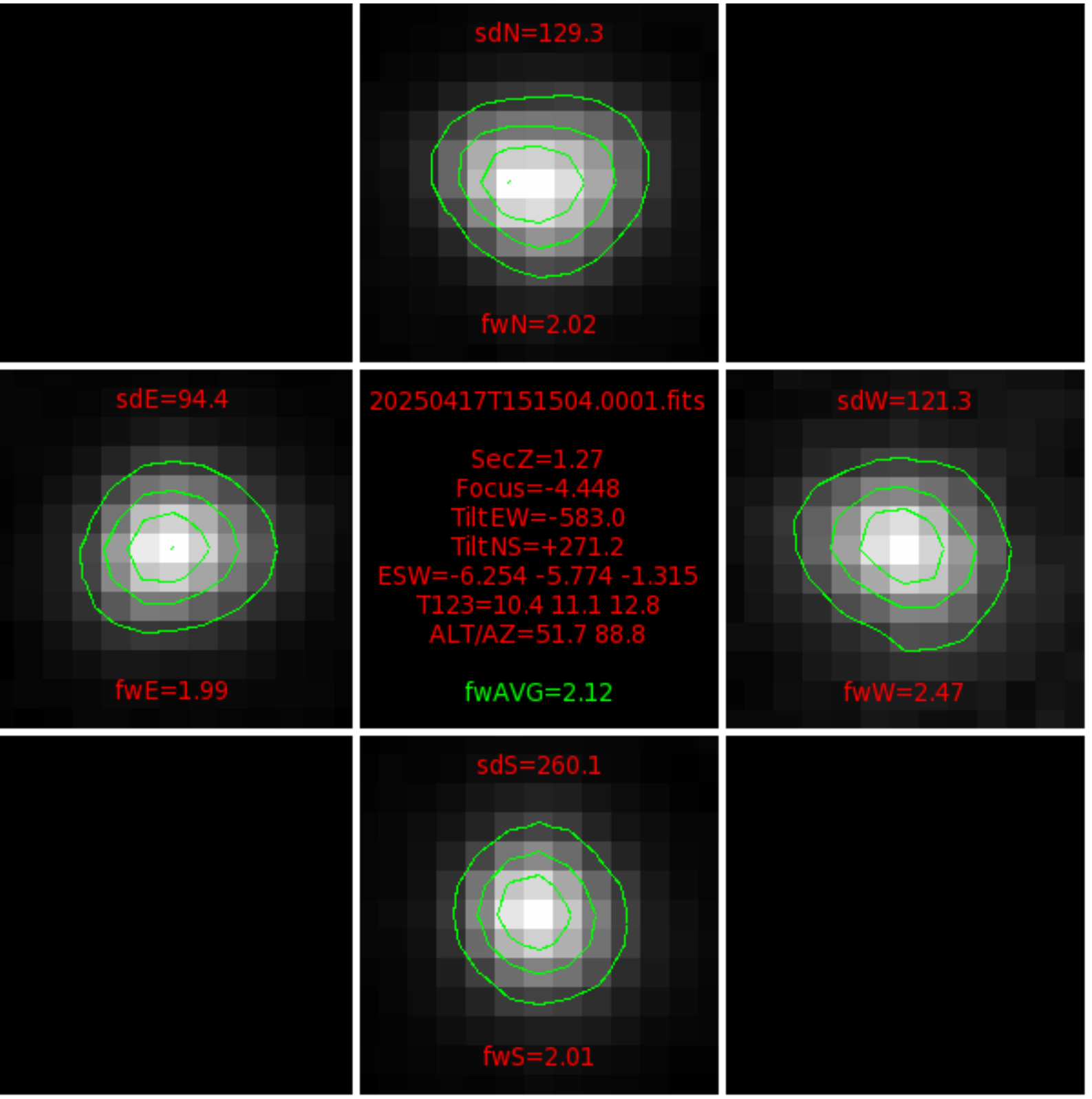
sdN=129.3
fwN=2.02
sdE=94.4
fwE=1.99
20250417T151504.0001.fits
SecZ=1.27
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.4 11.1 12.8
ALT/AZ=51.7 88.8
fwAVG=2.12
sdW=121.3
fwW=2.47
sdS=260.1
fwS=2.01
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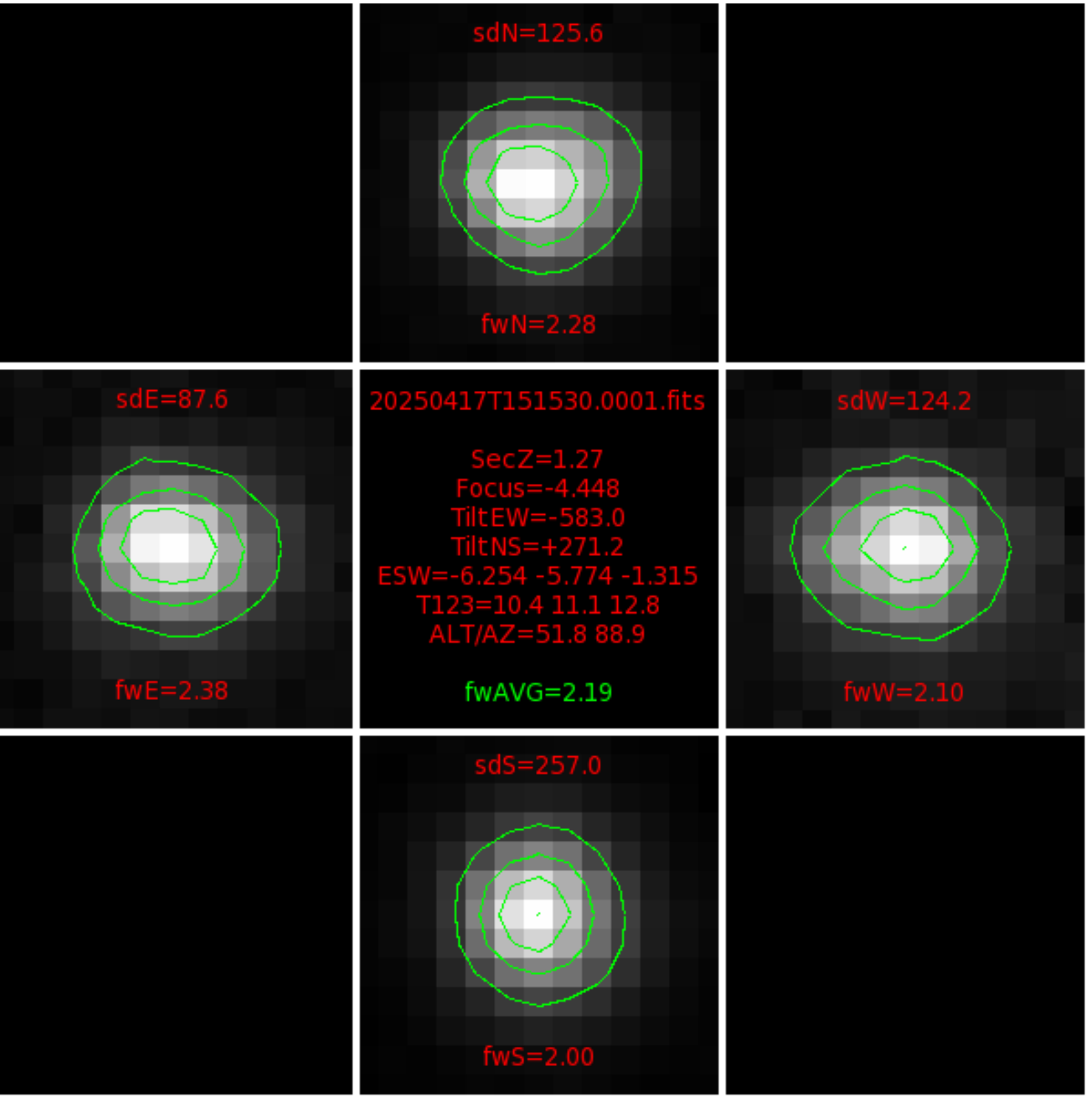
sdN=125.6
fwN=2.28
sdE=87.6
fwE=2.38
20250417T151530.0001.fits
SecZ=1.27
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.4 11.1 12.8
ALT/AZ=51.8 88.9
fwAVG=2.19
sdW=124.2
fwW=2.10
sdS=257.0
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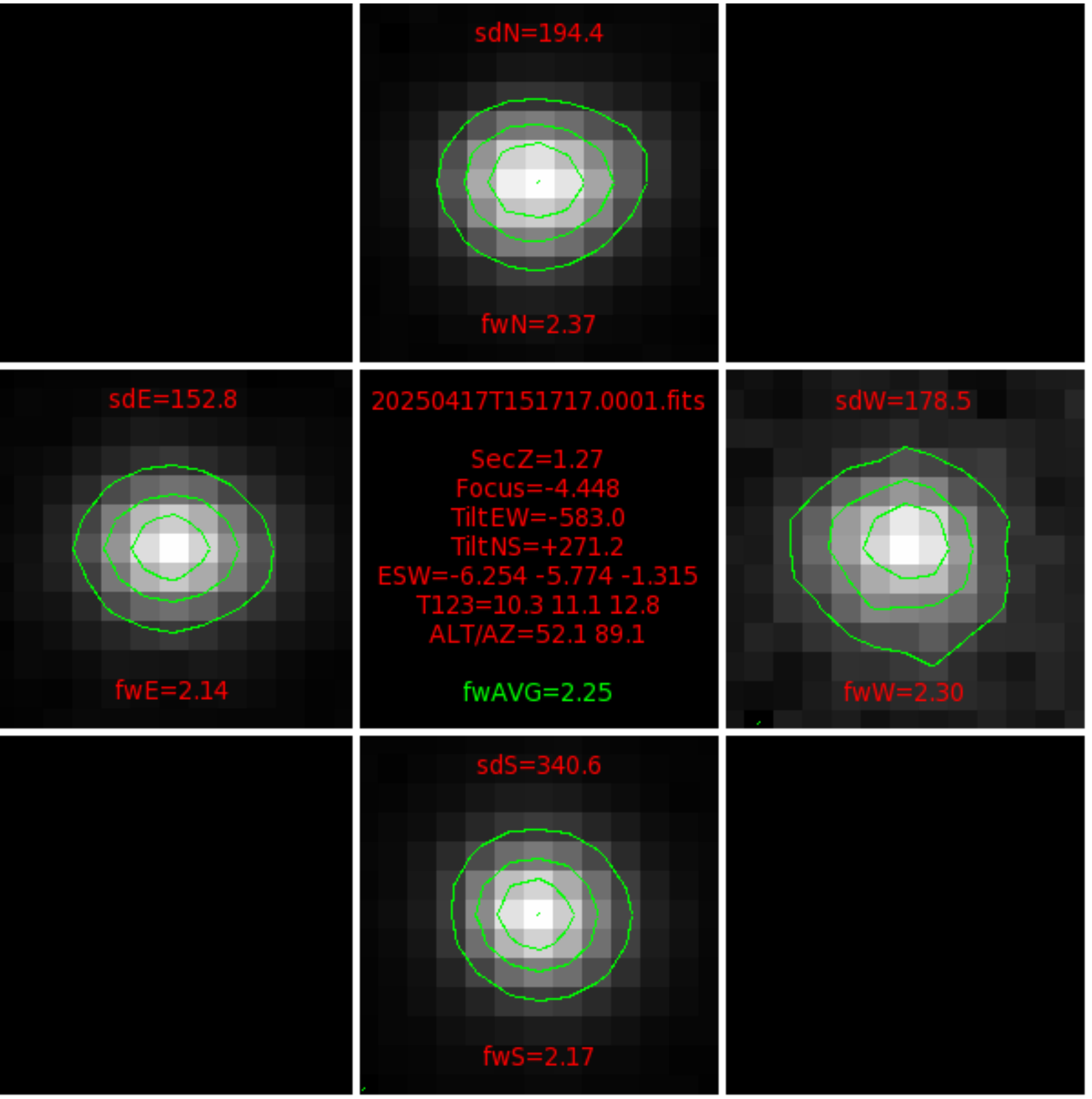
sdN=194.4
fwN=2.37
sdE=152.8
fwE=2.14
20250417T151717.0001.fits
SecZ=1.27
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.3 11.1 12.8
ALT/AZ=52.1 89.1
fwAVG=2.25
sdW=178.5
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sdS=340.6
fwS=2.17
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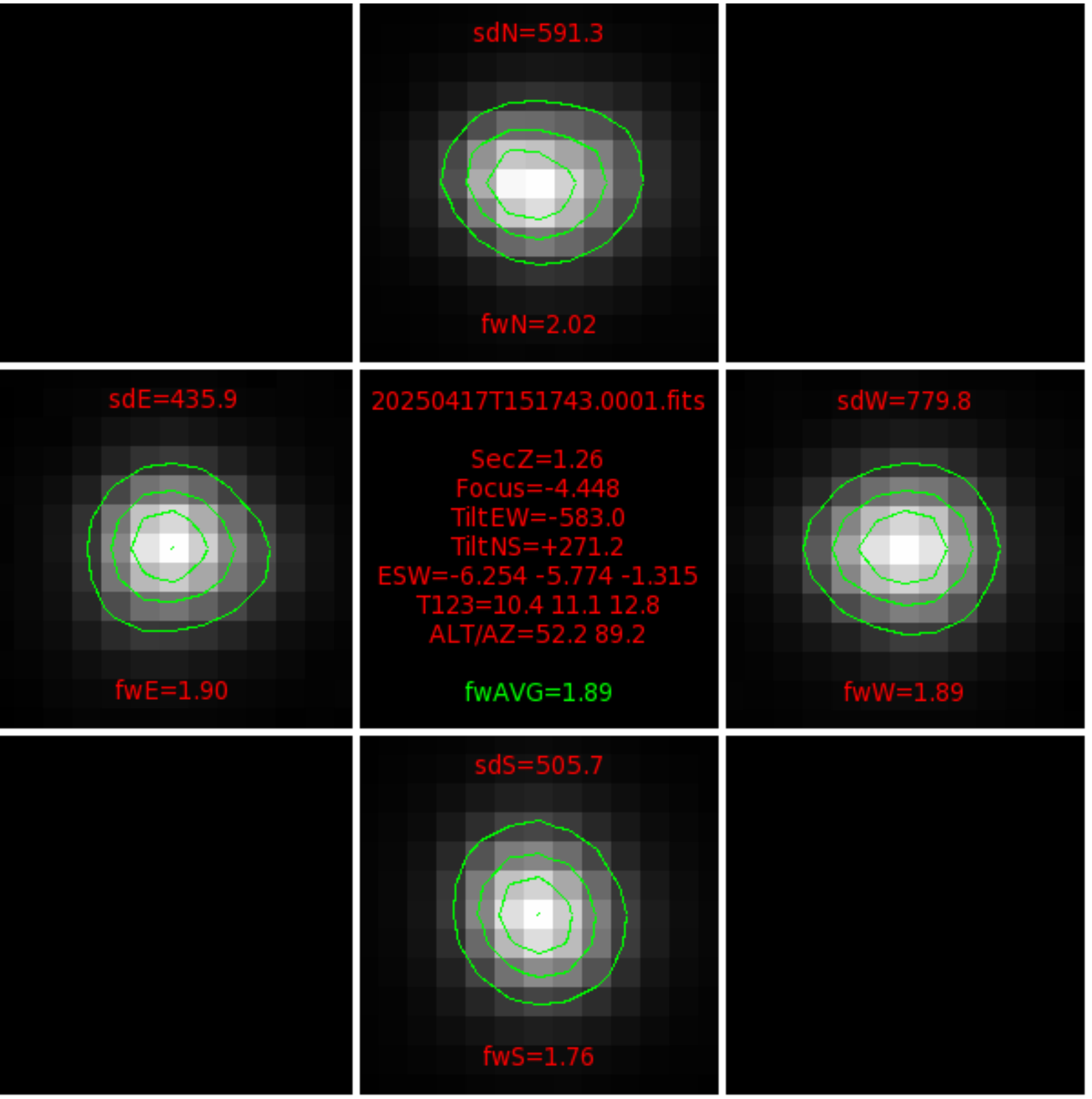
sdN=591.3
fwN=2.02
sdE=435.9
fwE=1.90
20250417T151743.0001.fits
SecZ=1.26
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.4 11.1 12.8
ALT/AZ=52.2 89.2
fwAVG=1.89
sdW=779.8
fwW=1.89
sdS=505.7
fwS=1.76
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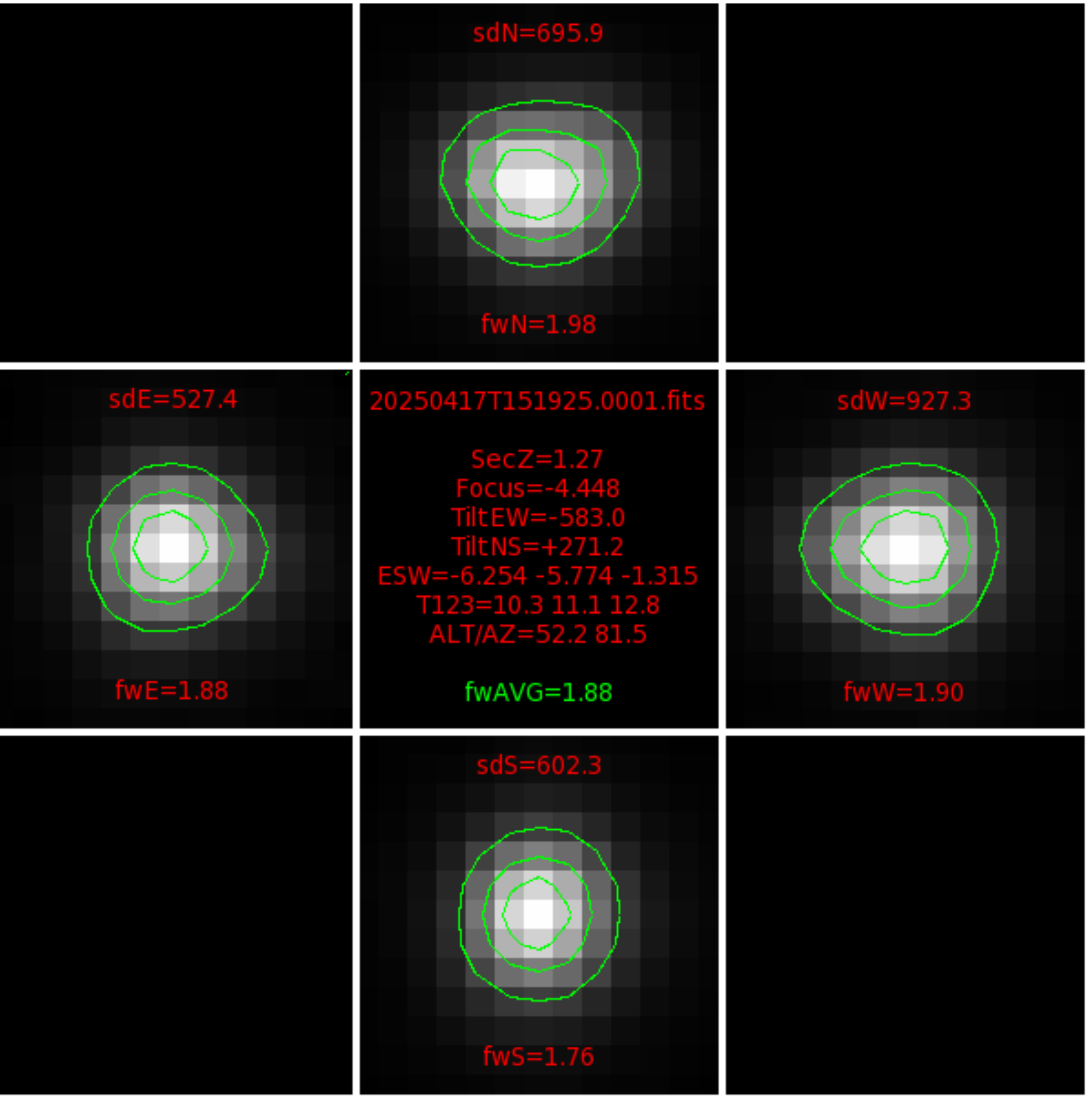
sdN=695.9
fwN=1.98
sdE=527.4
fwE=1.88
20250417T151925.0001.fits
SecZ=1.27
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.3 11.1 12.8
ALT/AZ=52.2 81.5
fwAVG=1.88
sdW=927.3
fwW=1.90
sdS=602.3
fwS=1.76
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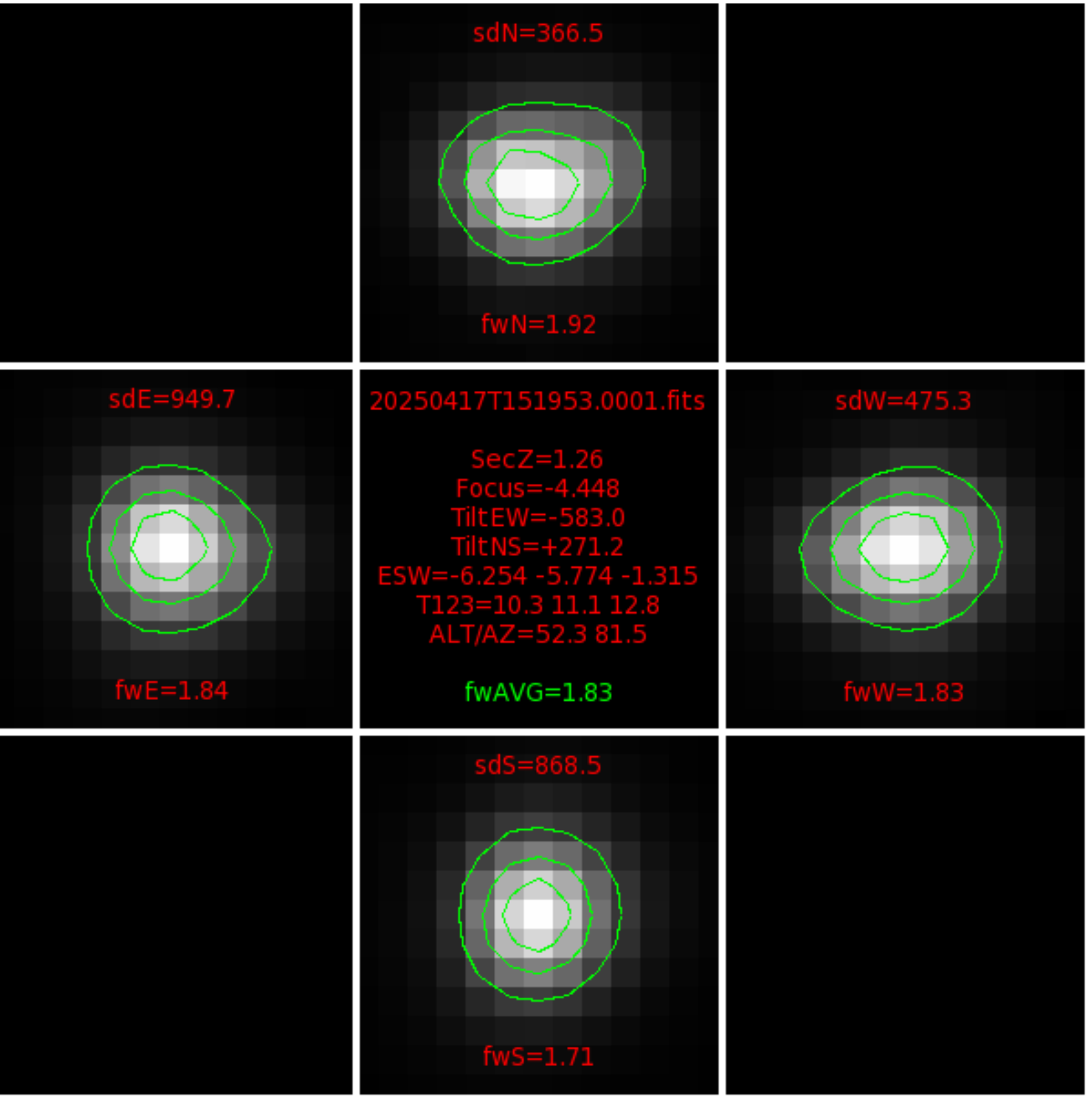
sdN=366.5
fwN=1.92
sdE=949.7
fwE=1.84
20250417T151953.0001.fits
SecZ=1.26
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.3 11.1 12.8
ALT/AZ=52.3 81.5
fwAVG=1.83
sdW=475.3
fwW=1.83
sdS=868.5
fwS=1.71
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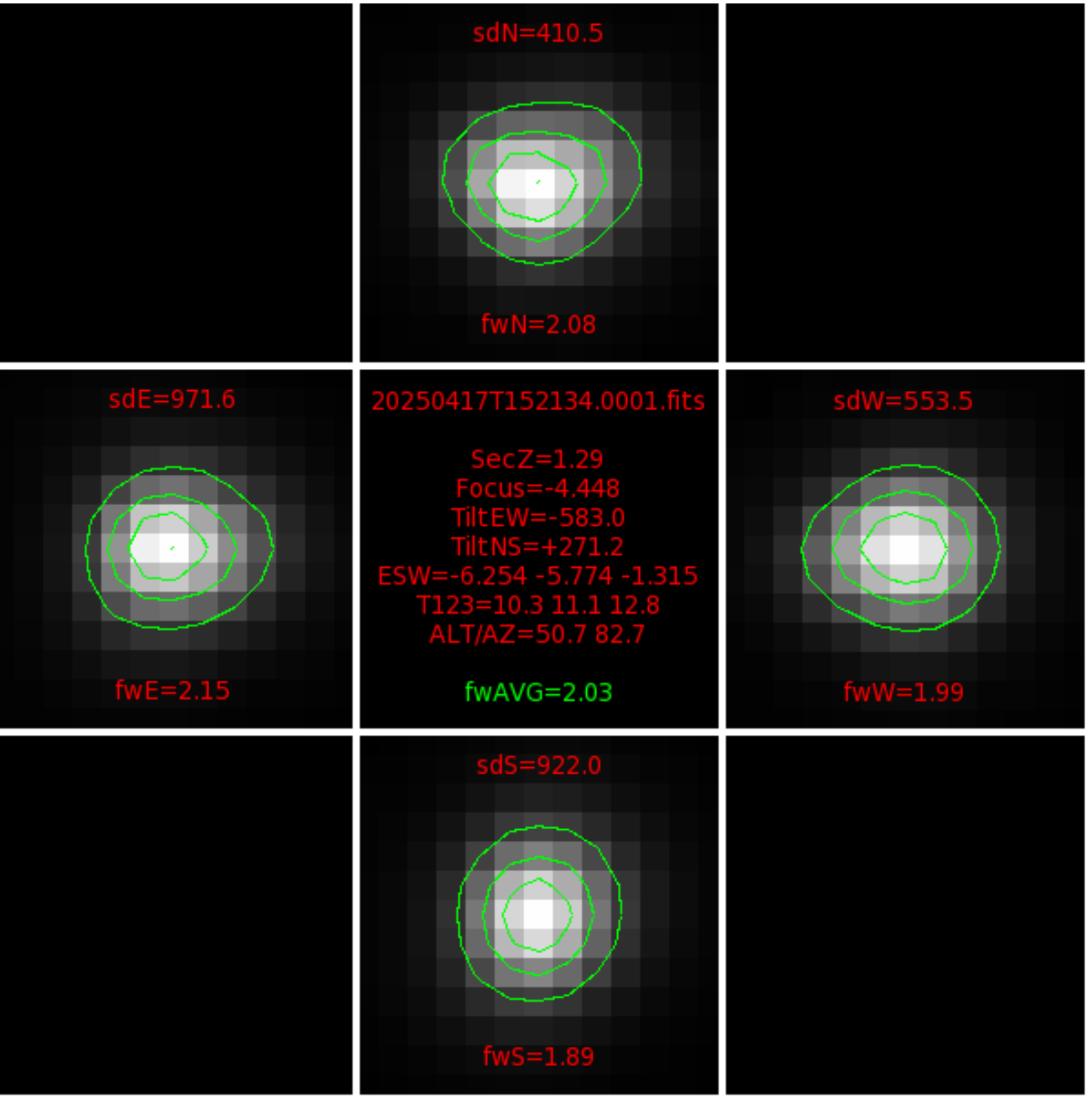
sdN=410.5
fwN=2.08
sdE=971.6
fwE=2.15
20250417T152134.0001.fits
SecZ=1.29
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.3 11.1 12.8
ALT/AZ=50.7 82.7
fwAVG=2.03
sdW=553.5
fwW=1.99
sdS=922.0
fwS=1.89
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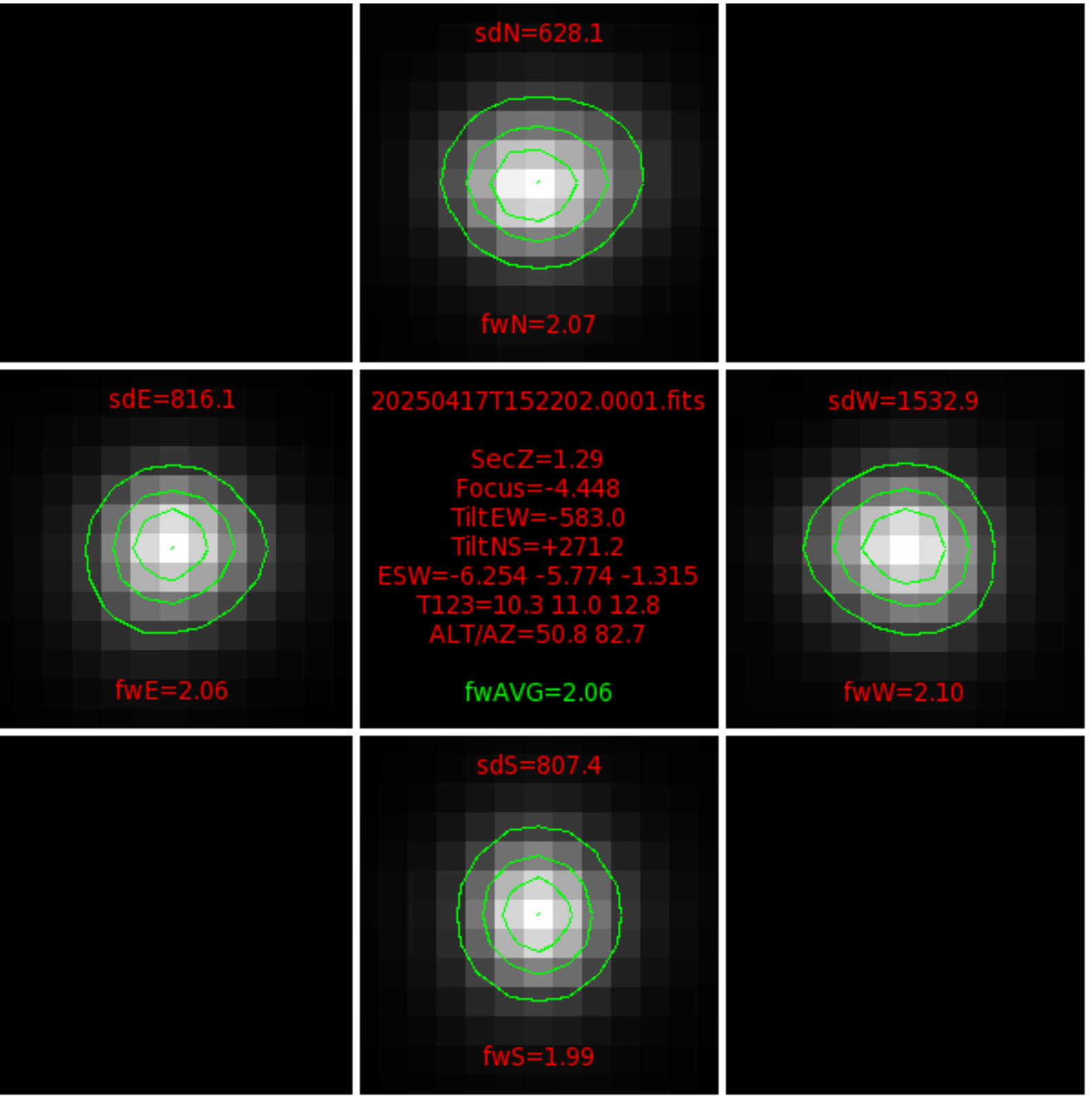
sdN=628.1
fwN=2.07
sdE=816.1
fwE=2.06
20250417T152202.0001.fits
SecZ=1.29
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.3 11.0 12.8
ALT/AZ=50.8 82.7
fwAVG=2.06
sdW=1532.9
fwW=2.10
sdS=807.4
fwS=1.99
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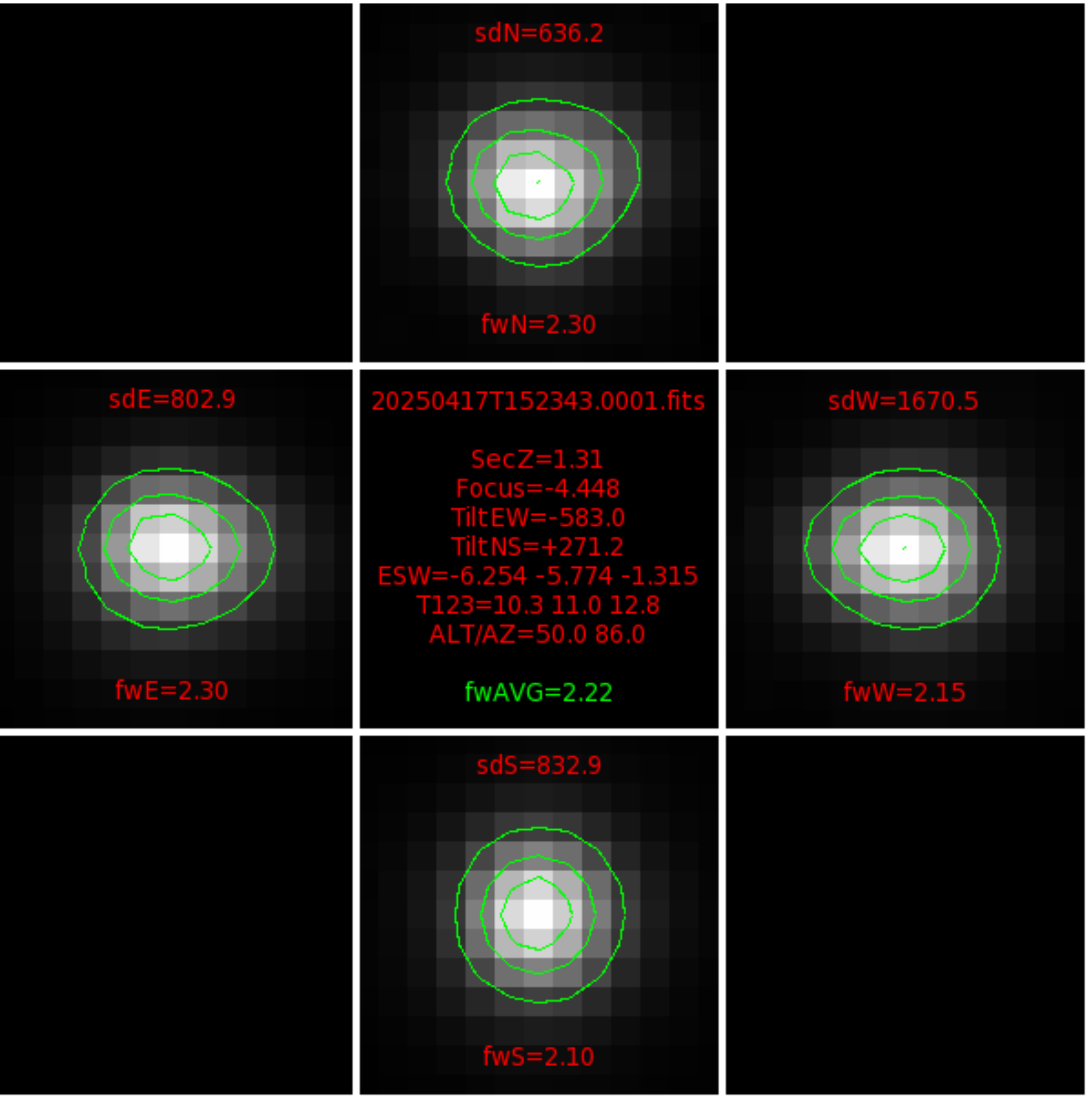
sdN=636.2
fwN=2.30
sdE=802.9
fwE=2.30
20250417T152343.0001.fits
SecZ=1.31
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.3 11.0 12.8
ALT/AZ=50.0 86.0
fwAVG=2.22
sdW=1670.5
fwW=2.15
sdS=832.9
fwS=2.10
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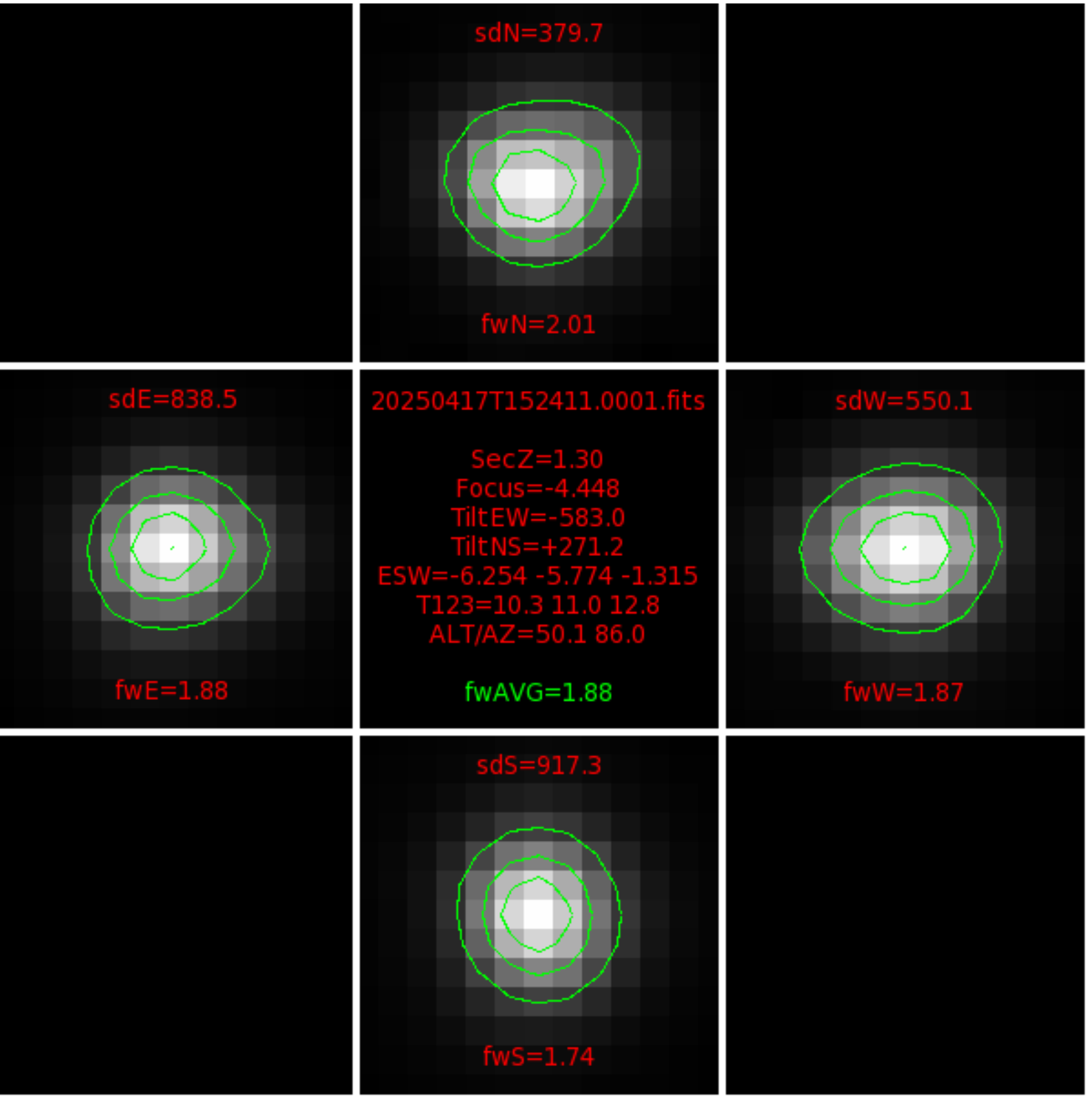
sdN=379.7
fwN=2.01
sdE=838.5
fwE=1.88
20250417T152411.0001.fits
SecZ=1.30
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.3 11.0 12.8
ALT/AZ=50.1 86.0
fwAVG=1.88
sdW=550.1
fwW=1.87
sdS=917.3
fwS=1.74
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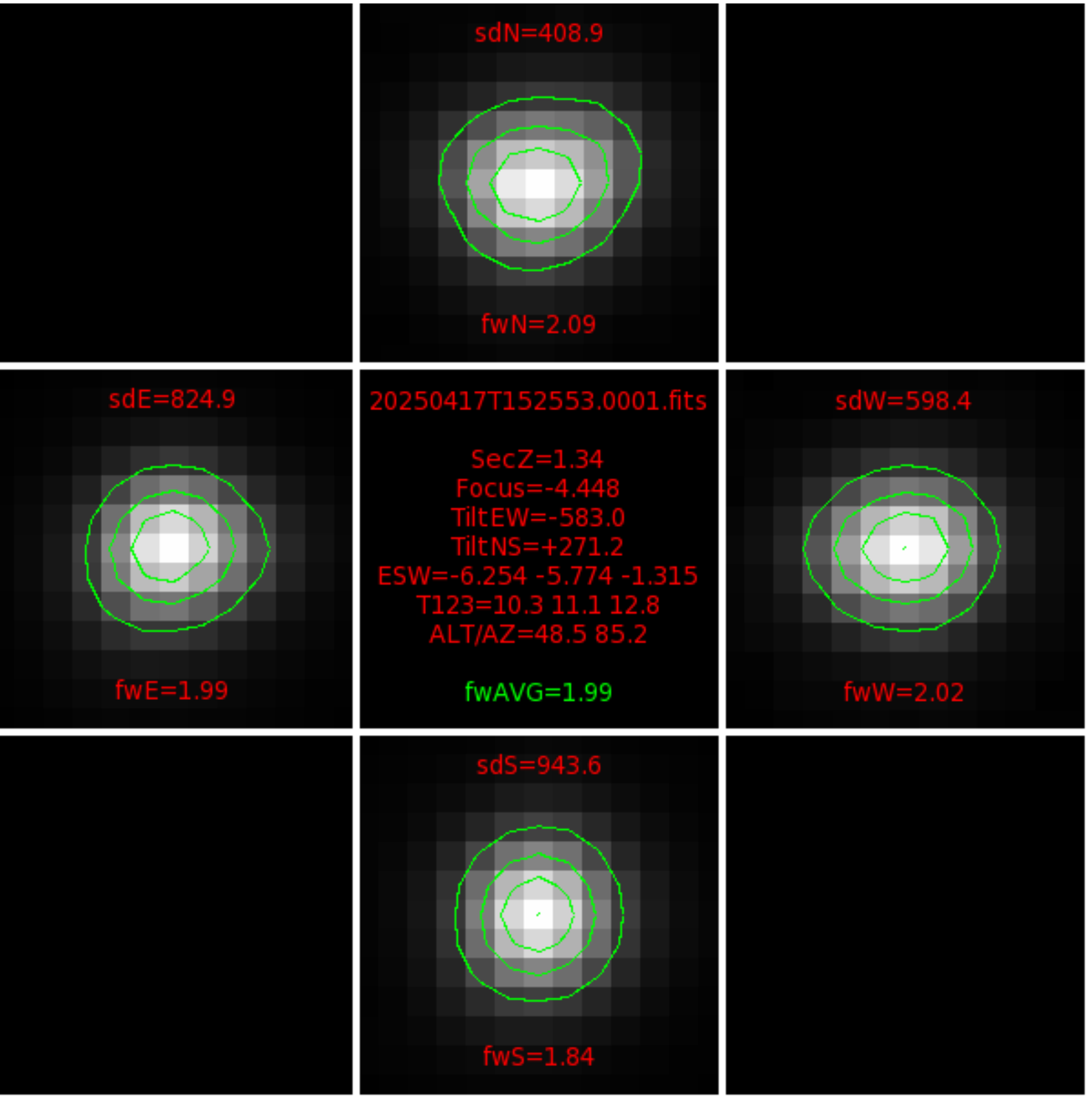
sdN=408.9
fwN=2.09
sdE=824.9
fwE=1.99
20250417T152553.0001.fits
SecZ=1.34
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.3 11.1 12.8
ALT/AZ=48.5 85.2
fwAVG=1.99
sdW=598.4
fwW=2.02
sdS=943.6
fwS=1.84
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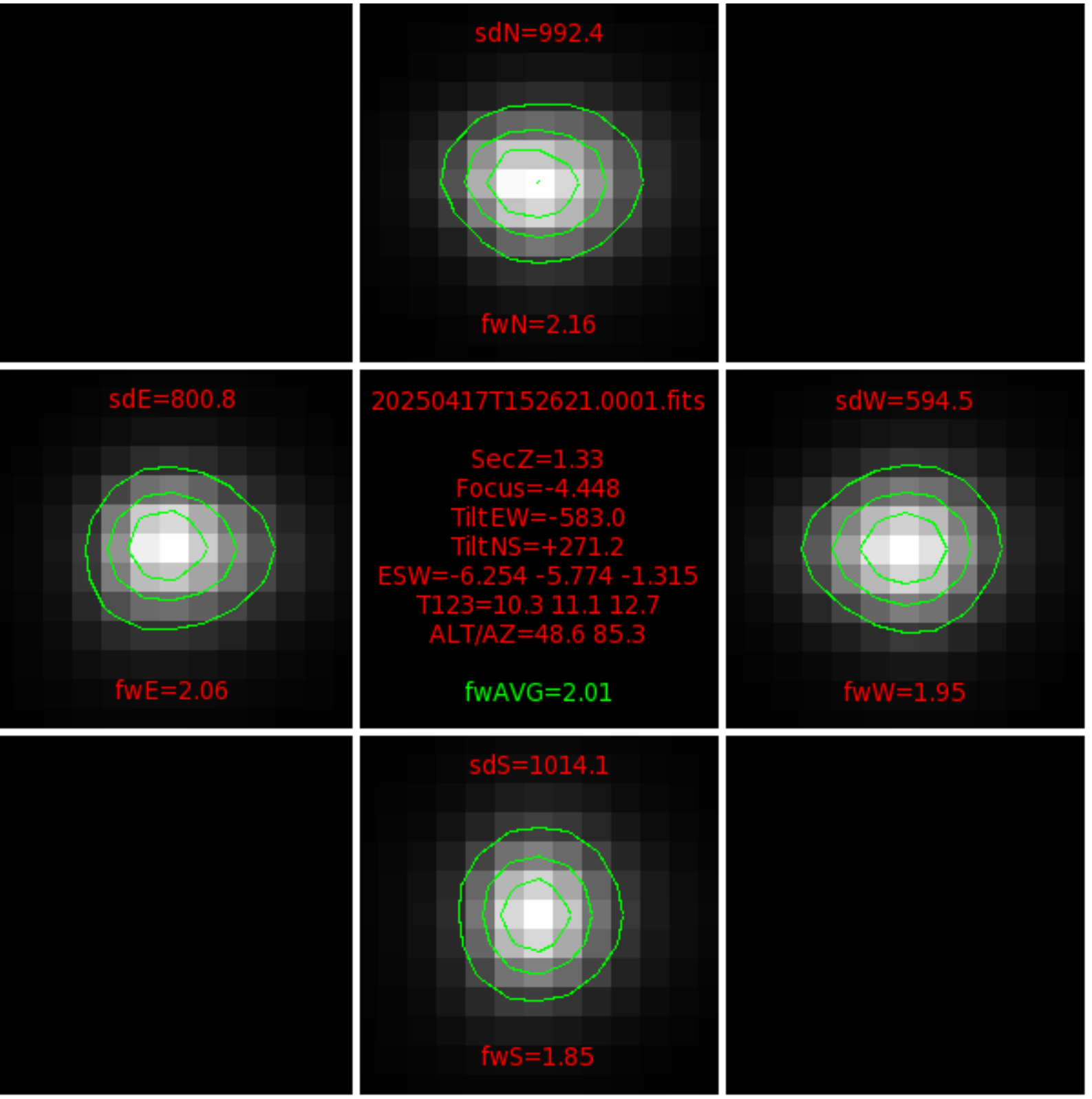
sdN=992.4
fwN=2.16
sdE=800.8
fwE=2.06
20250417T152621.0001.fits
SecZ=1.33
Focus=-4.448
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.254 -5.774 -1.315
T123=10.3 11.1 12.7
ALT/AZ=48.6 85.3
fwAVG=2.01
sdW=594.5
fwW=1.95
sdS=1014.1
fwS=1.85
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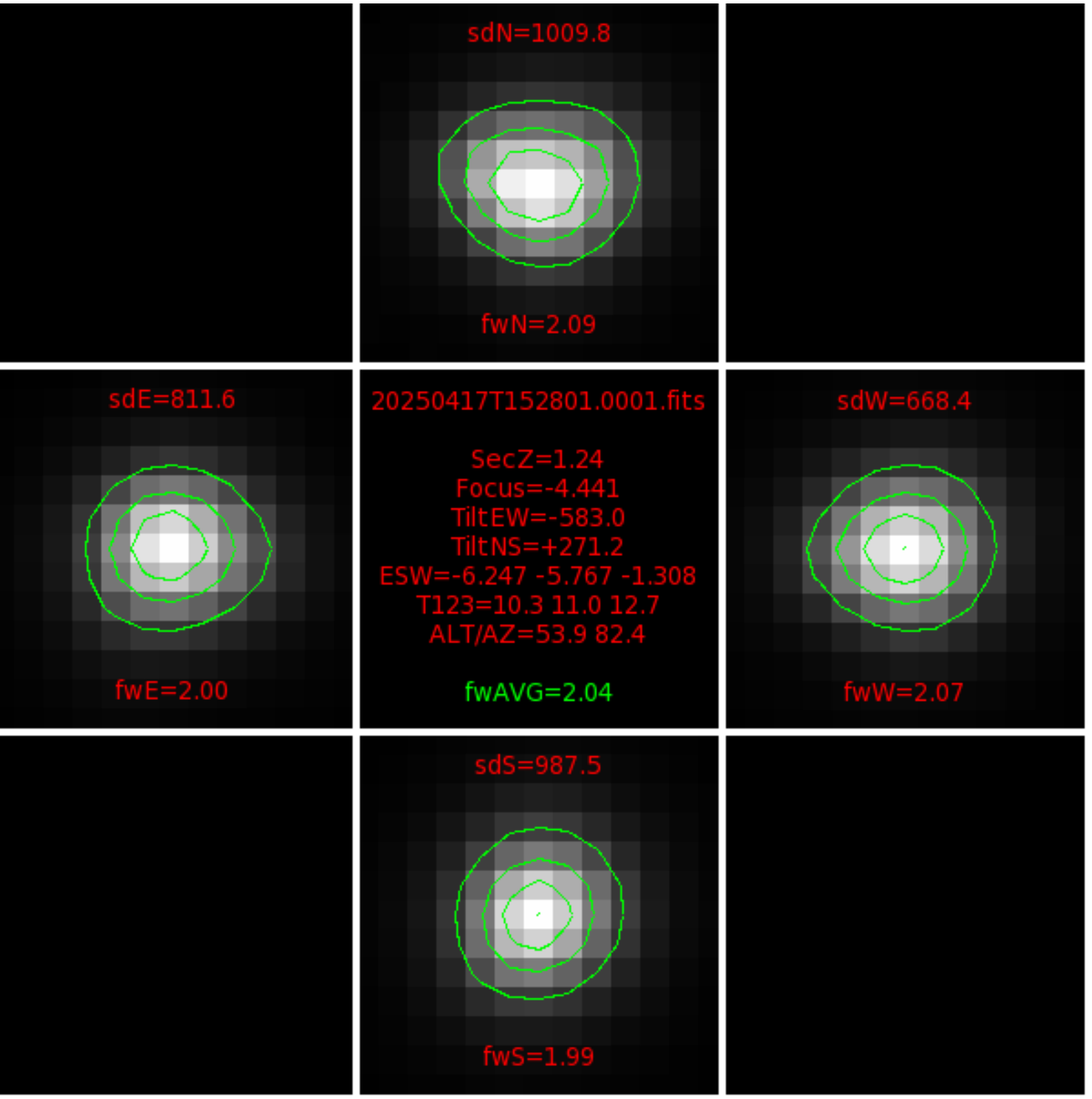
sdN=1009.8
fwN=2.09
sdE=811.6
fwE=2.00
20250417T152801.0001.fits
SecZ=1.24
Focus=-4.441
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.247 -5.767 -1.308
T123=10.3 11.0 12.7
ALT/AZ=53.9 82.4
fwAVG=2.04
sdW=668.4
fwW=2.07
sdS=987.5
fwS=1.99
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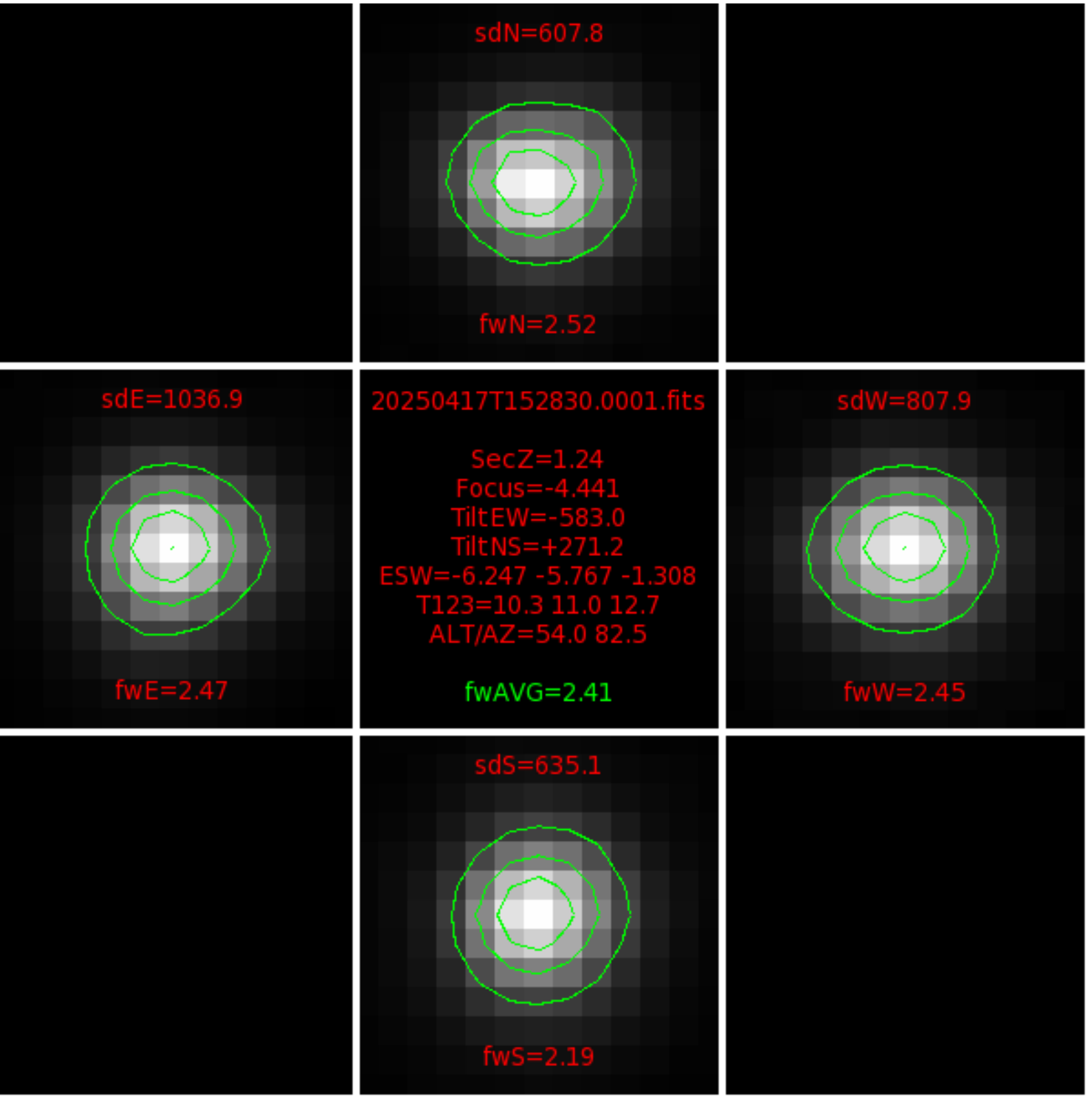
sdN=607.8
fwN=2.52
sdE=1036.9
fwE=2.47
20250417T152830.0001.fits
SecZ=1.24
Focus=-4.441
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.247 -5.767 -1.308
T123=10.3 11.0 12.7
ALT/AZ=54.0 82.5
fwAVG=2.41
sdW=807.9
fwW=2.45
sdS=635.1
fwS=2.19
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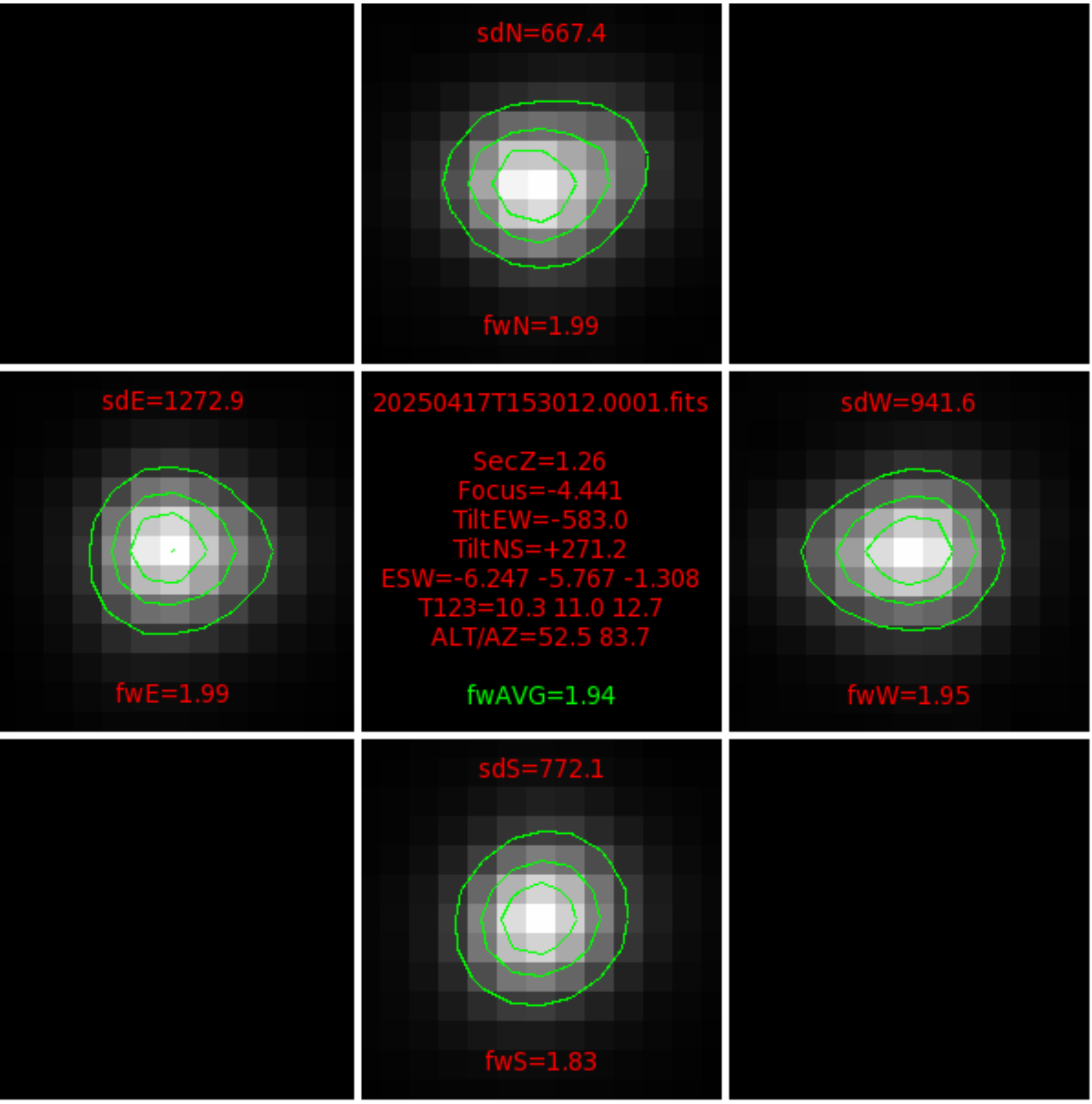
sdN=667.4
fwN=1.99
sdE=1272.9
fwE=1.99
20250417T153012.0001.fits
SecZ=1.26
Focus=-4.441
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.247 -5.767 -1.308
T123=10.3 11.0 12.7
ALT/AZ=52.5 83.7
fwAVG=1.94
sdW=941.6
fwW=1.95
sdS=772.1
fwS=1.83
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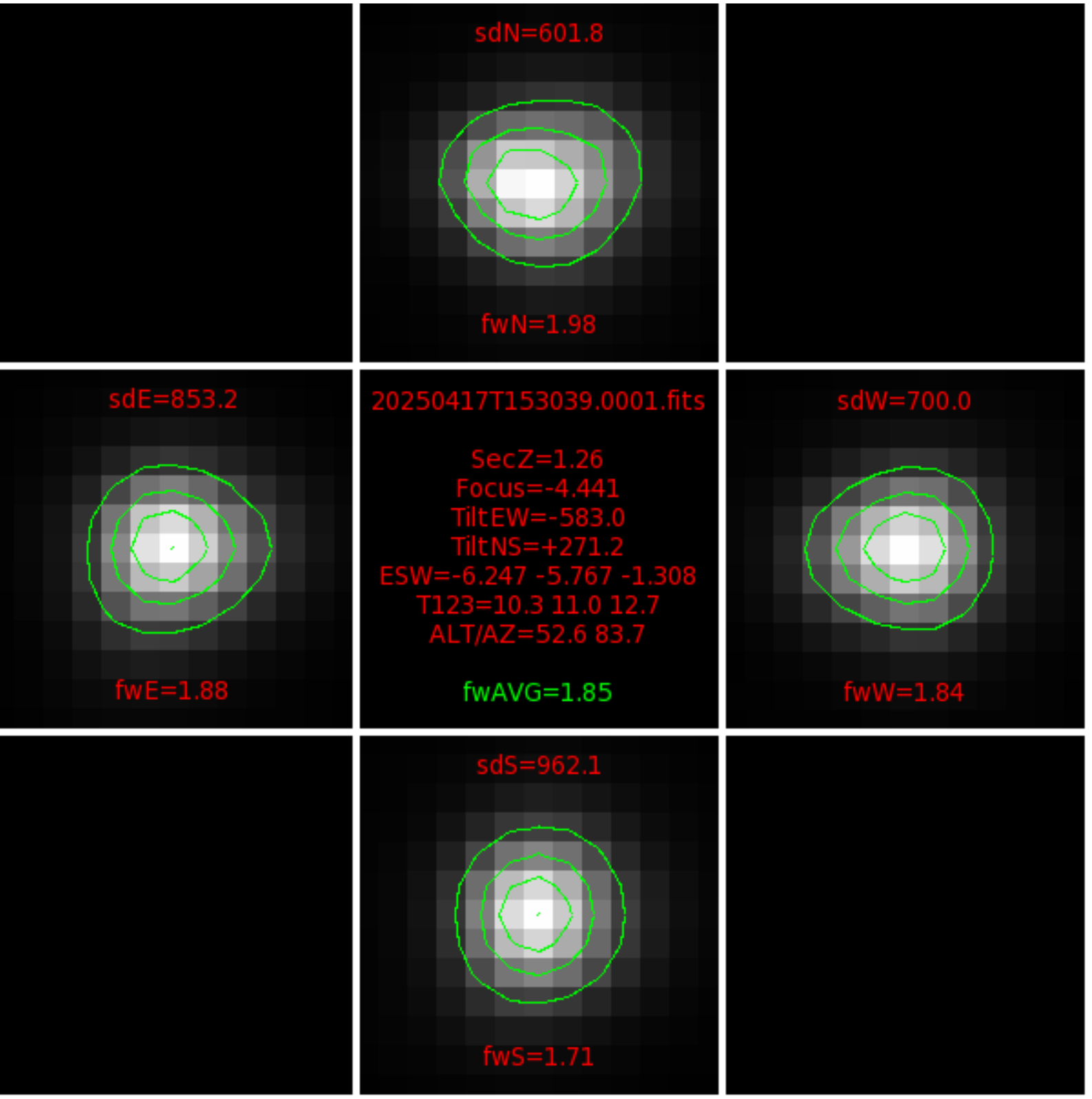
sdN=601.8
fwN=1.98
sdE=853.2
fwE=1.88
20250417T153039.0001.fits
SecZ=1.26
Focus=-4.441
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.247 -5.767 -1.308
T123=10.3 11.0 12.7
ALT/AZ=52.6 83.7
fwAVG=1.85
sdW=700.0
fwW=1.84
sdS=962.1
fwS=1.71
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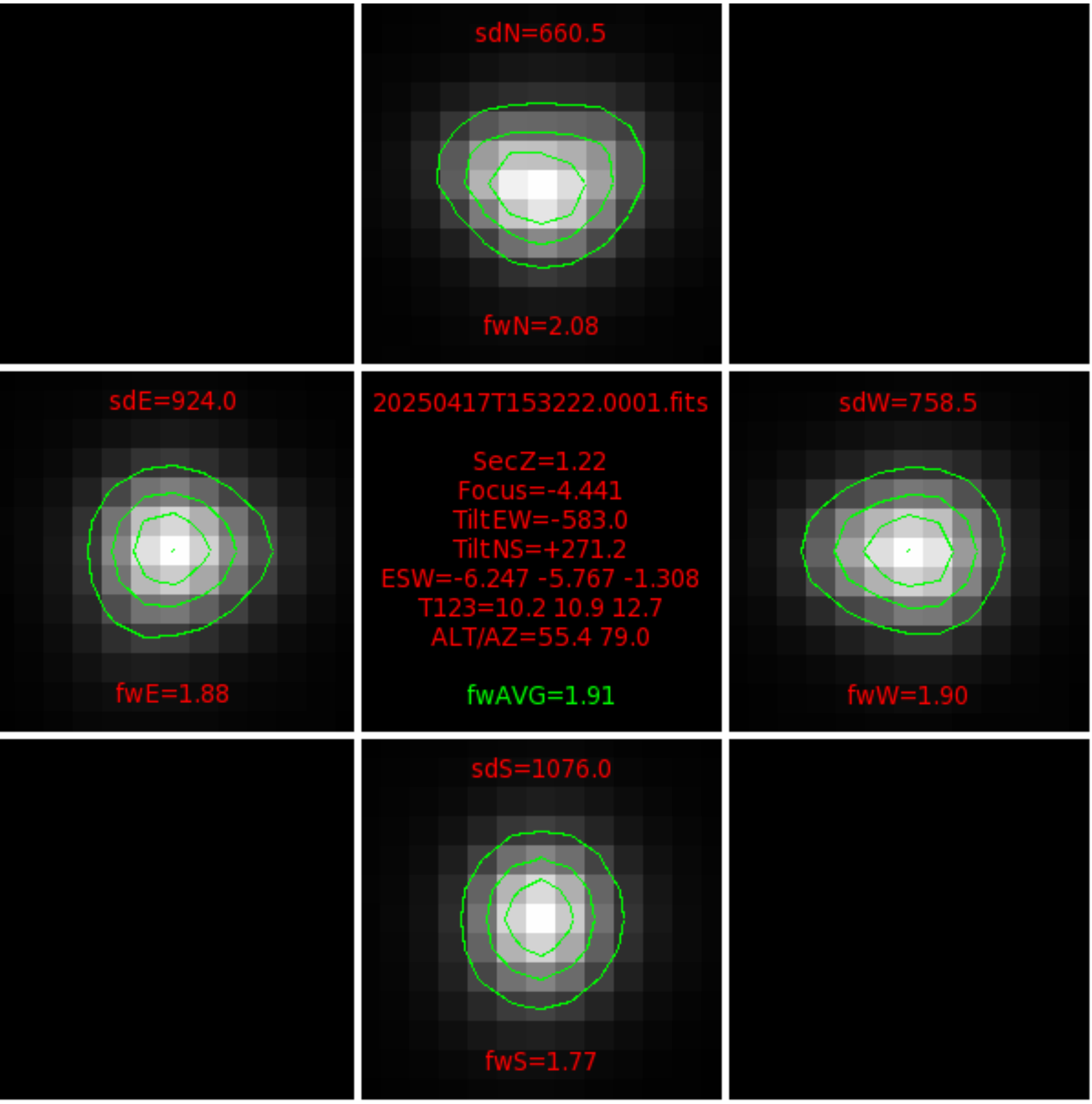
sdN=660.5
fwN=2.08
sdE=924.0
fwE=1.88
20250417T153222.0001.fits
SecZ=1.22
Focus=-4.441
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.247 -5.767 -1.308
T123=10.2 10.9 12.7
ALT/AZ=55.4 79.0
fwAVG=1.91
sdW=758.5
fwW=1.90
sdS=1076.0
fwS=1.77
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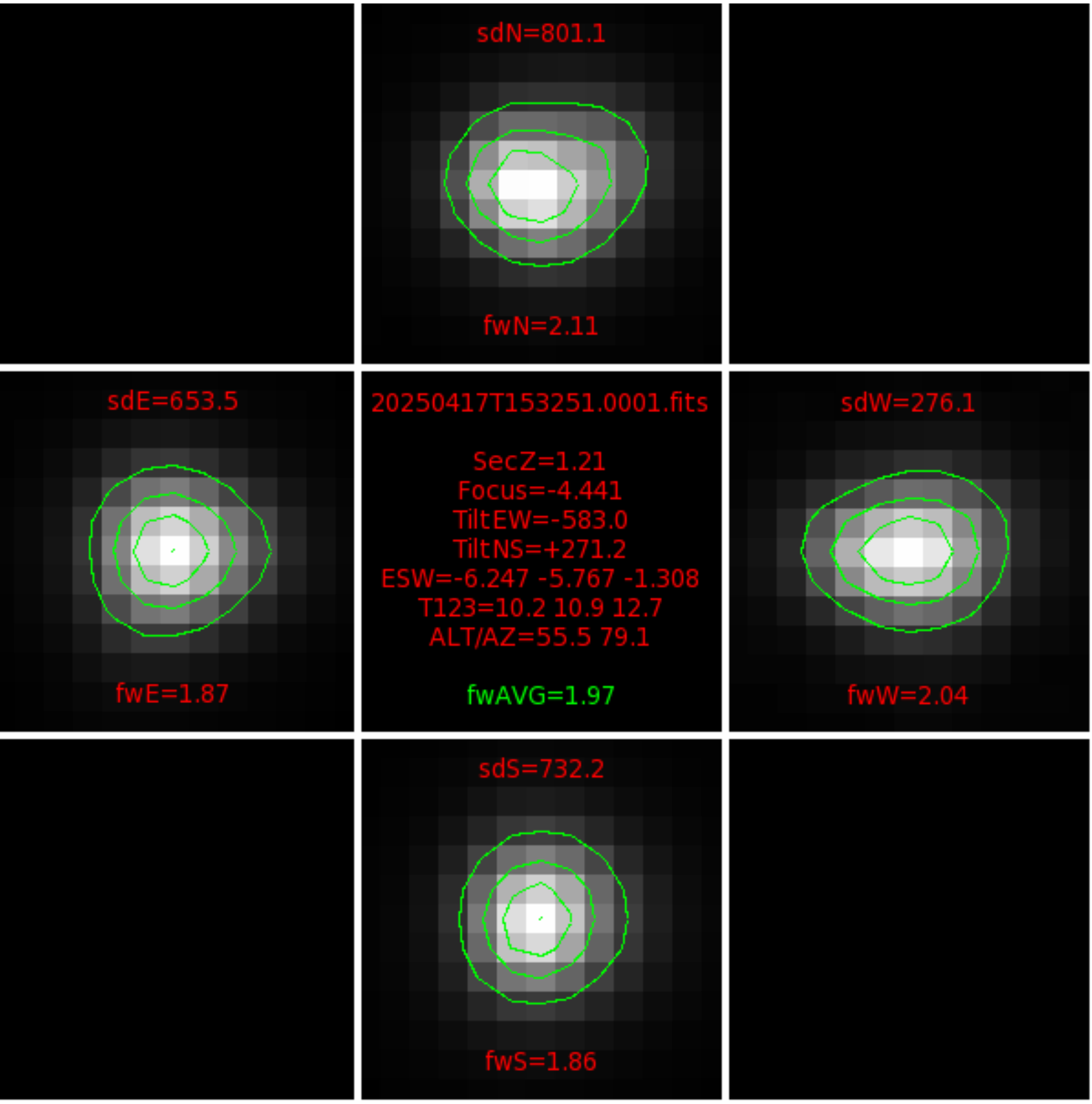
sdN=801.1
fwN=2.11
sdE=653.5
fwE=1.87
20250417T153251.0001.fits
SecZ=1.21
Focus=-4.441
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.247 -5.767 -1.308
T123=10.2 10.9 12.7
ALT/AZ=55.5 79.1
fwAVG=1.97
sdW=276.1
fwW=2.04
sdS=732.2
fwS=1.86
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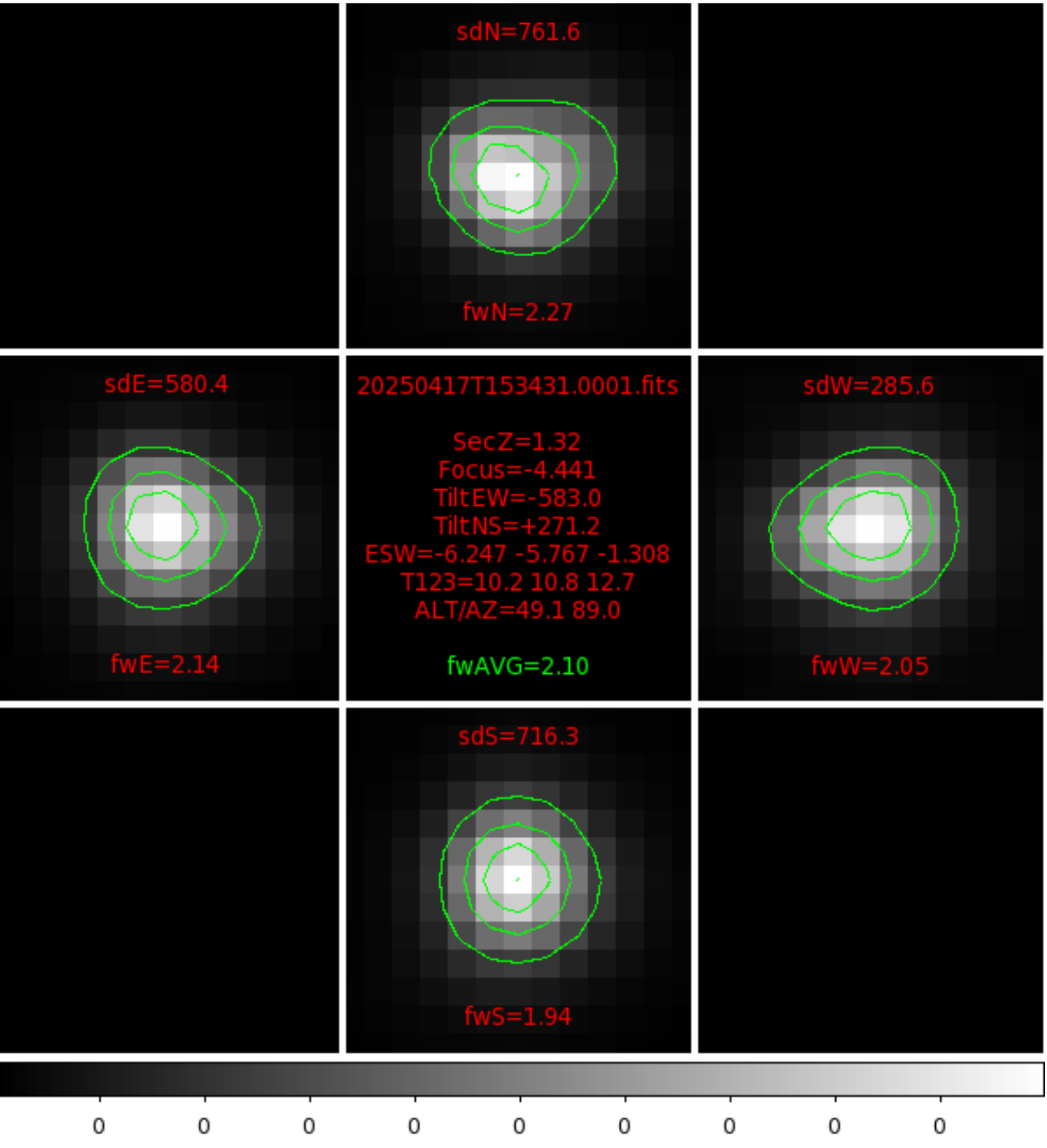
sdN=761.6
fwN=2.27
sdE=580.4
fwE=2.14
20250417T153431.0001.fits
SecZ=1.32
Focus=-4.441
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.247 -5.767 -1.308
T123=10.2 10.8 12.7
ALT/AZ=49.1 89.0
fwAVG=2.10
sdW=285.6
fwW=2.05
sdS=716.3
fwS=1.94
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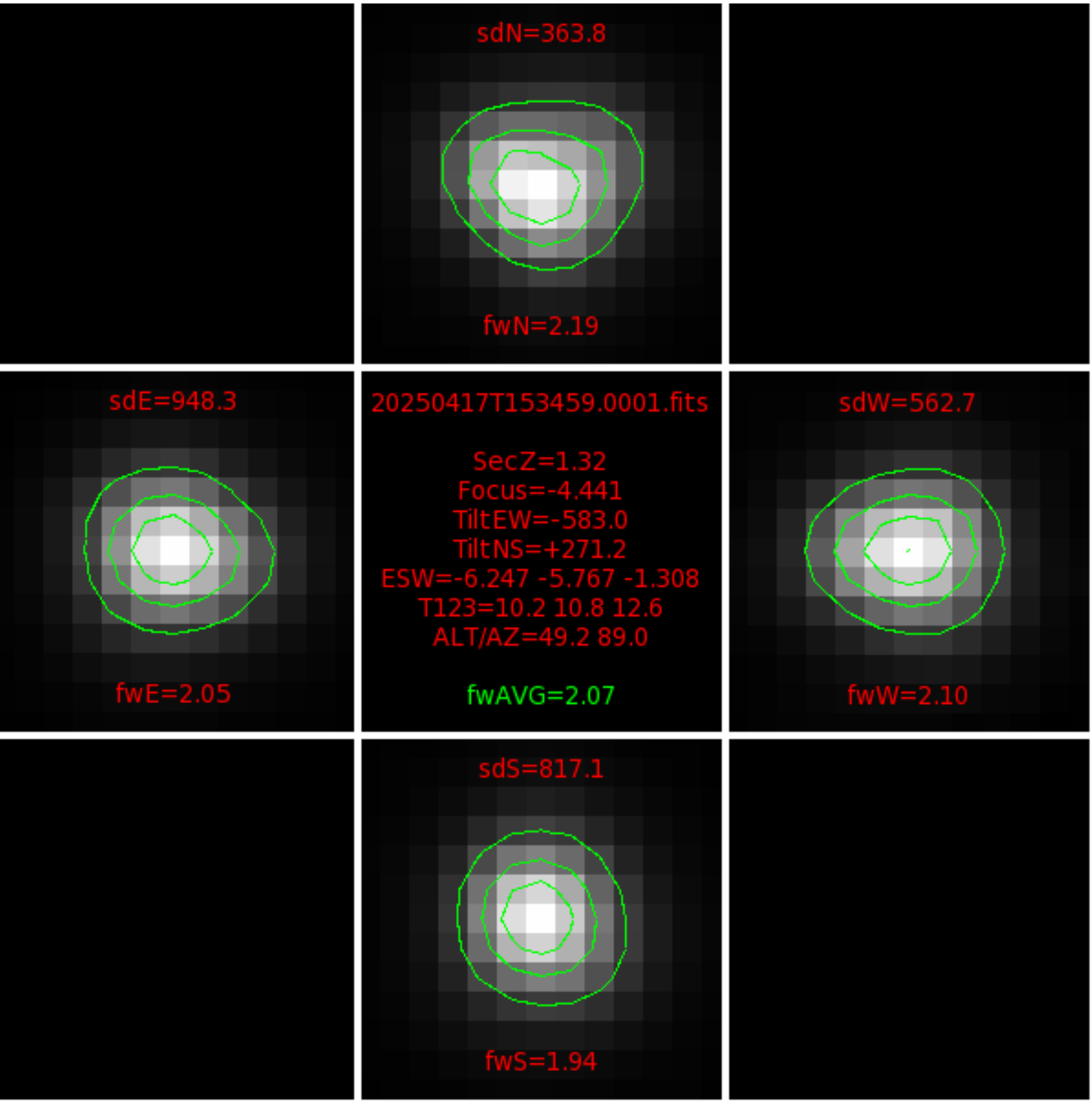
sdN=363.8
fwN=2.19
sdE=948.3
fwE=2.05
20250417T153459.0001.fits
SecZ=1.32
Focus=-4.441
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.247 -5.767 -1.308
T123=10.2 10.8 12.6
ALT/AZ=49.2 89.0
fwAVG=2.07
sdW=562.7
fwW=2.10
sdS=817.1
fwS=1.94
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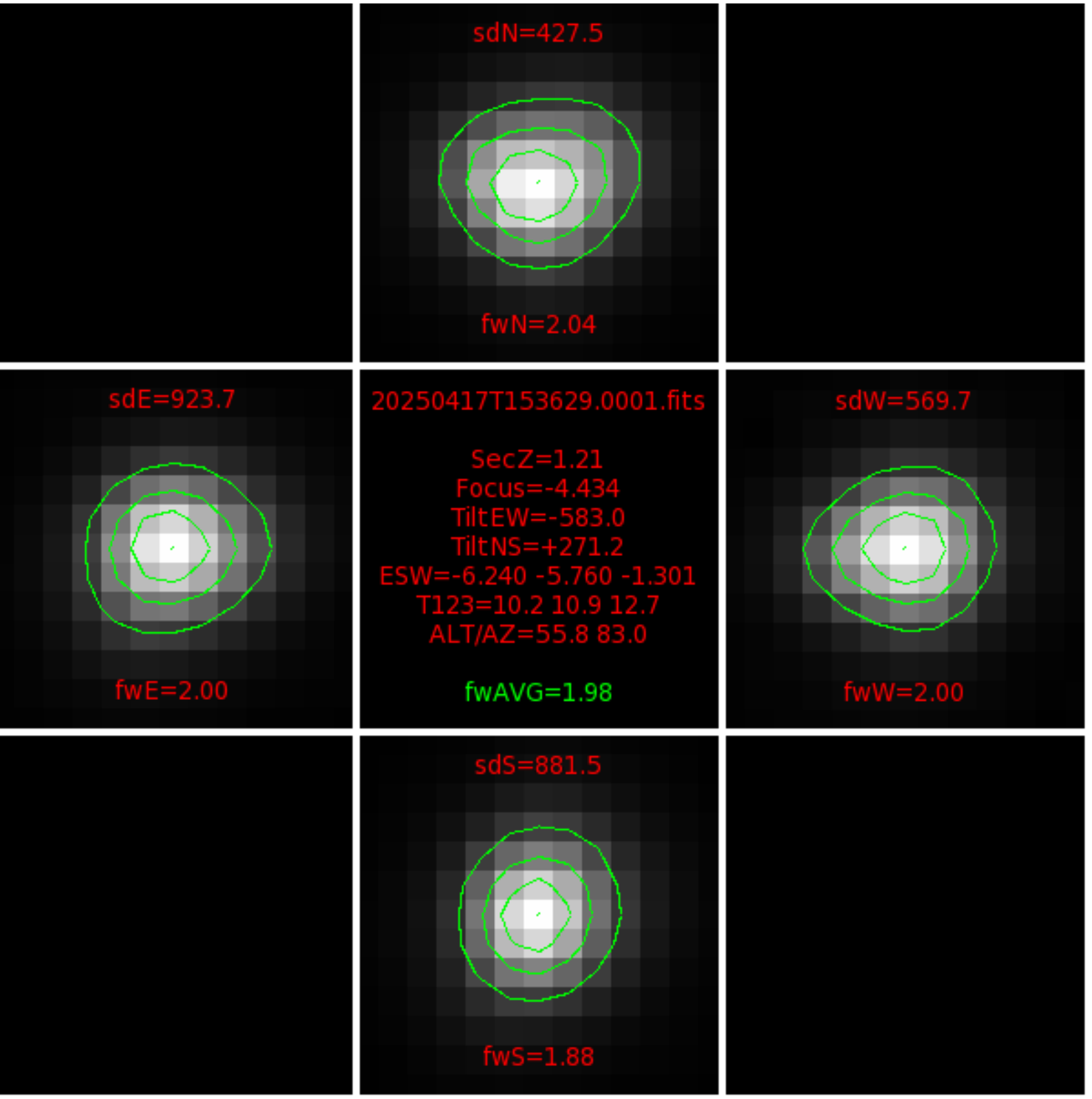
sdN=427.5
fwN=2.04
sdE=923.7
fwE=2.00
20250417T153629.0001.fits
SecZ=1.21
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.2 10.9 12.7
ALT/AZ=55.8 83.0
fwAVG=1.98
sdW=569.7
fwW=2.00
sdS=881.5
fwS=1.88
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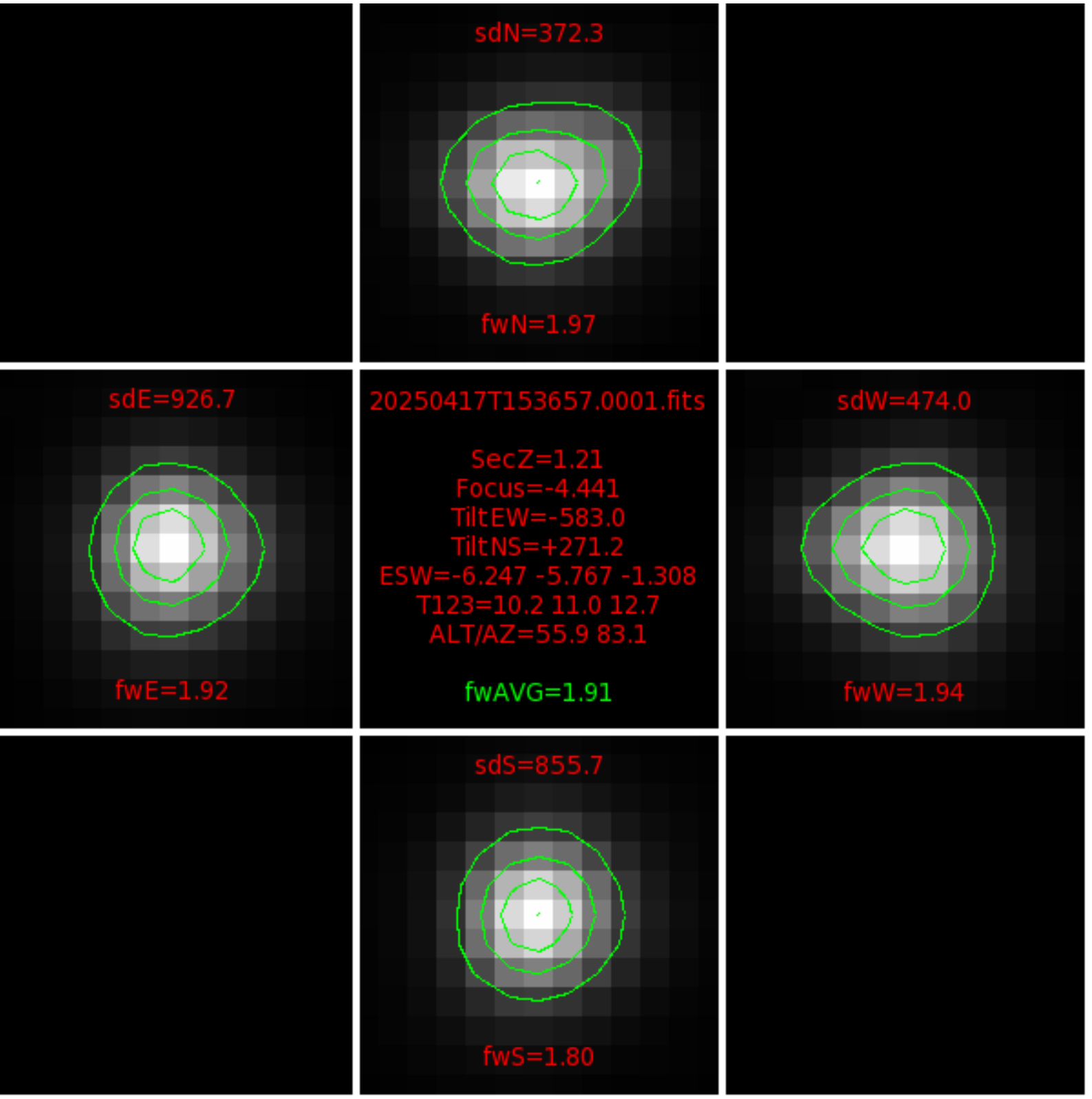
sdN=372.3
fwN=1.97
sdE=926.7
fwE=1.92
20250417T153657.0001.fits
SecZ=1.21
Focus=-4.441
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.247 -5.767 -1.308
T123=10.2 11.0 12.7
ALT/AZ=55.9 83.1
fwAVG=1.91
sdW=474.0
fwW=1.94
sdS=855.7
fwS=1.80
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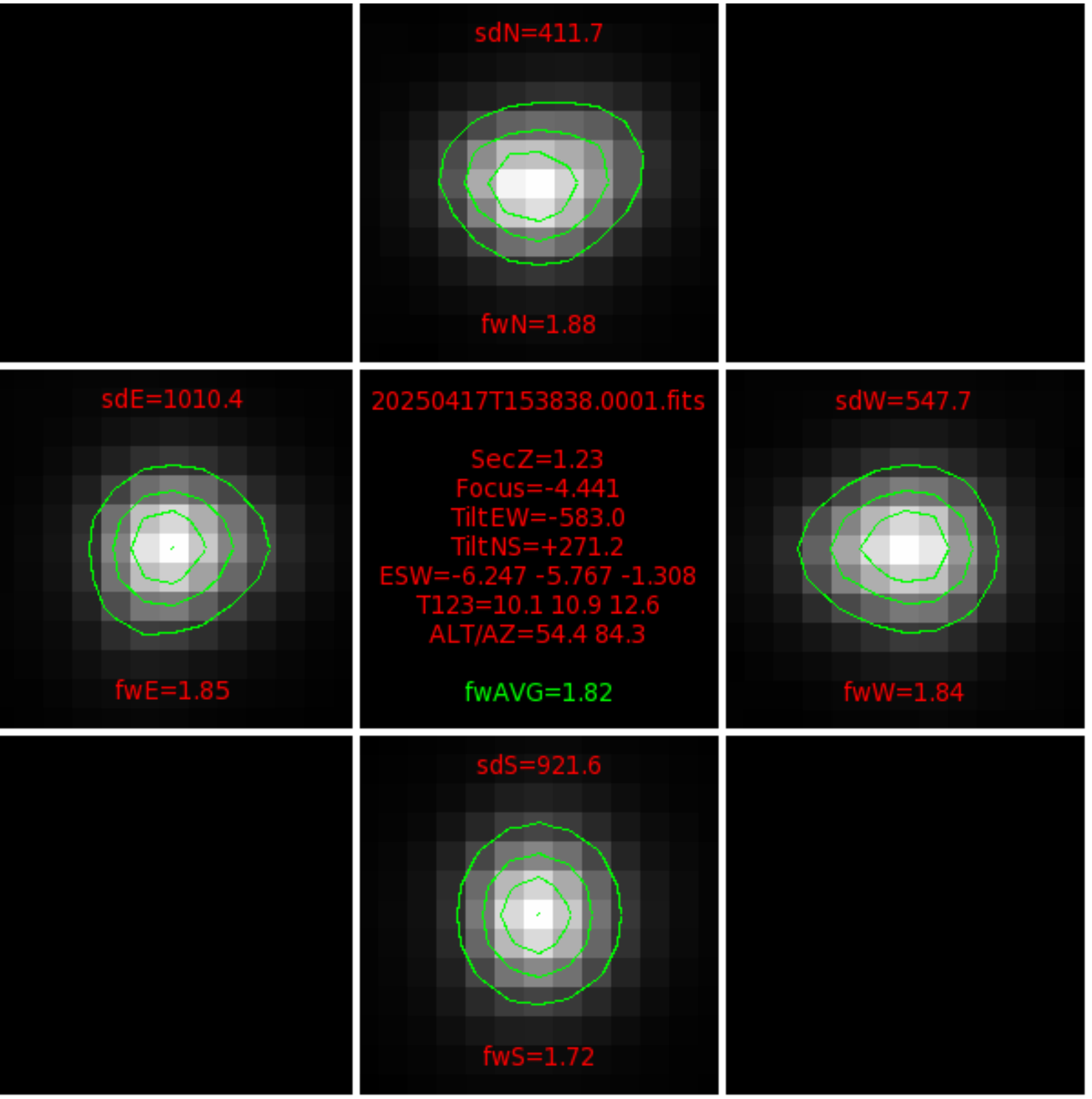
sdN=411.7
fwN=1.88
sdE=1010.4
fwE=1.85
20250417T153838.0001.fits
SecZ=1.23
Focus=-4.441
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.247 -5.767 -1.308
T123=10.1 10.9 12.6
ALT/AZ=54.4 84.3
fwAVG=1.82
sdW=547.7
fwW=1.84
sdS=921.6
fwS=1.72
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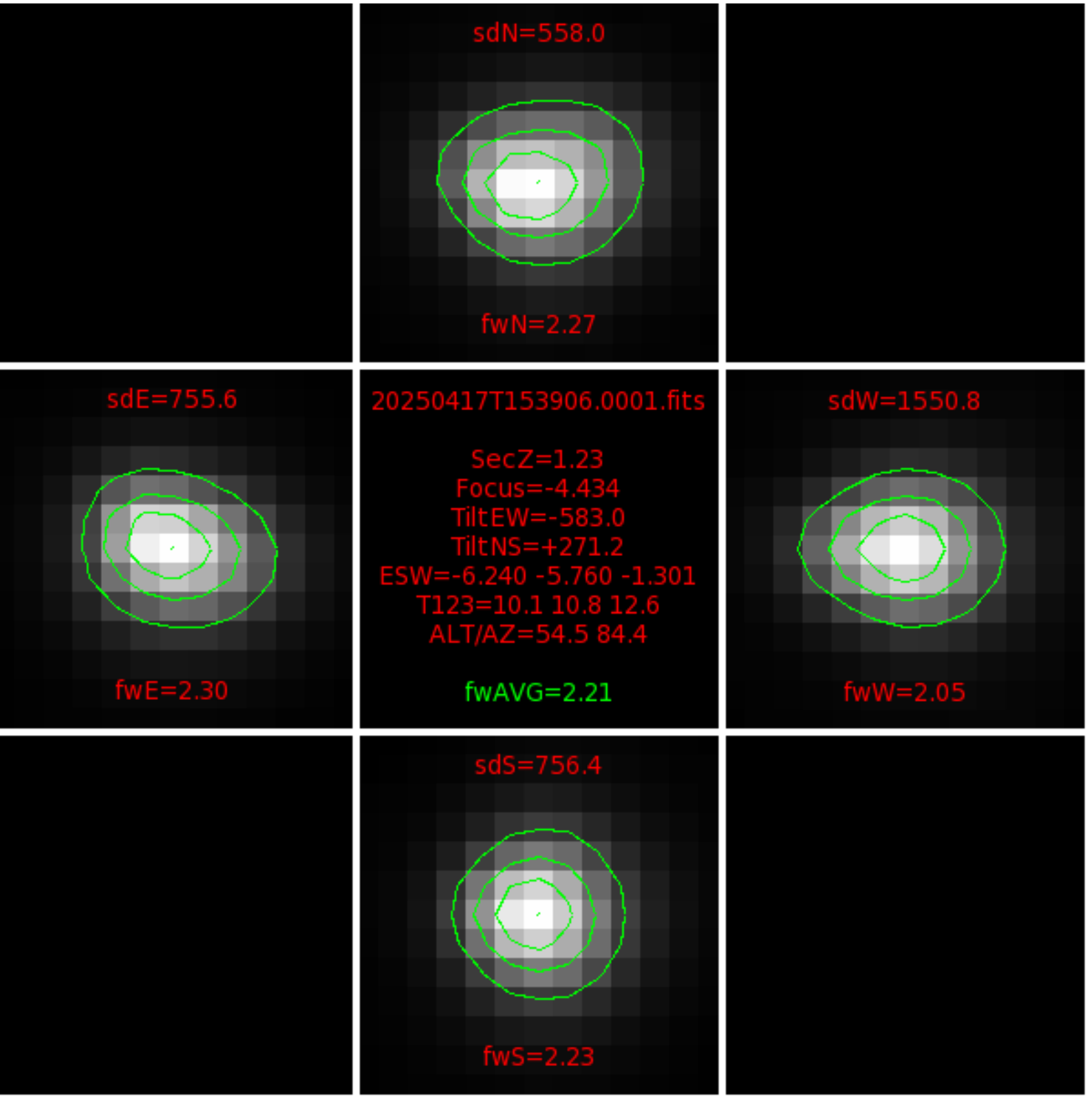
sdN=558.0
fwN=2.27
sdE=755.6
fwE=2.30
20250417T153906.0001.fits
SecZ=1.23
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.1 10.8 12.6
ALT/AZ=54.5 84.4
fwAVG=2.21
sdW=1550.8
fwW=2.05
sdS=756.4
fwS=2.23
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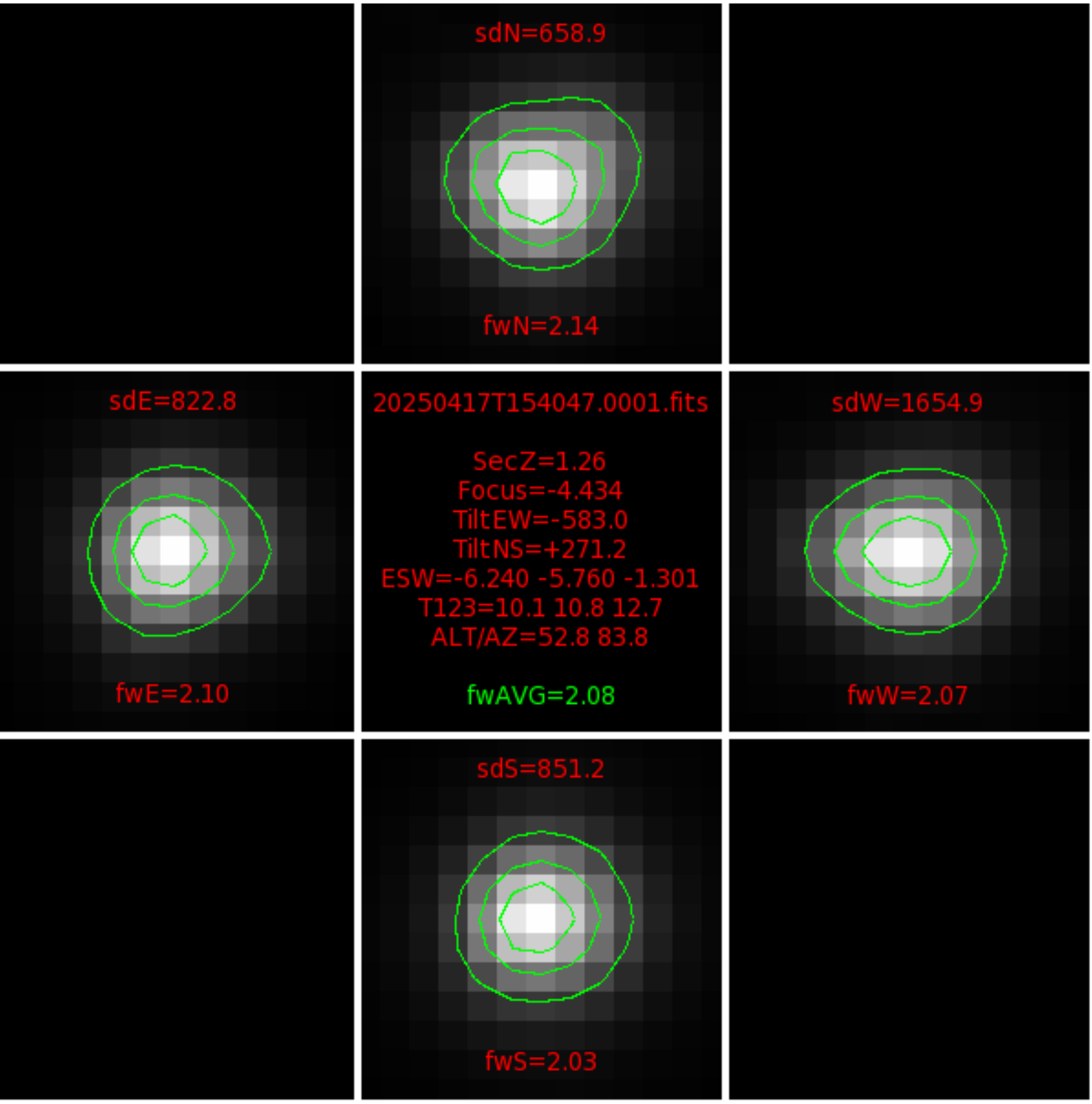
sdN=658.9
fwN=2.14
sdE=822.8
fwE=2.10
20250417T154047.0001.fits
SecZ=1.26
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.1 10.8 12.7
ALT/AZ=52.8 83.8
fwAVG=2.08
sdW=1654.9
fwW=2.07
sdS=851.2
fwS=2.03
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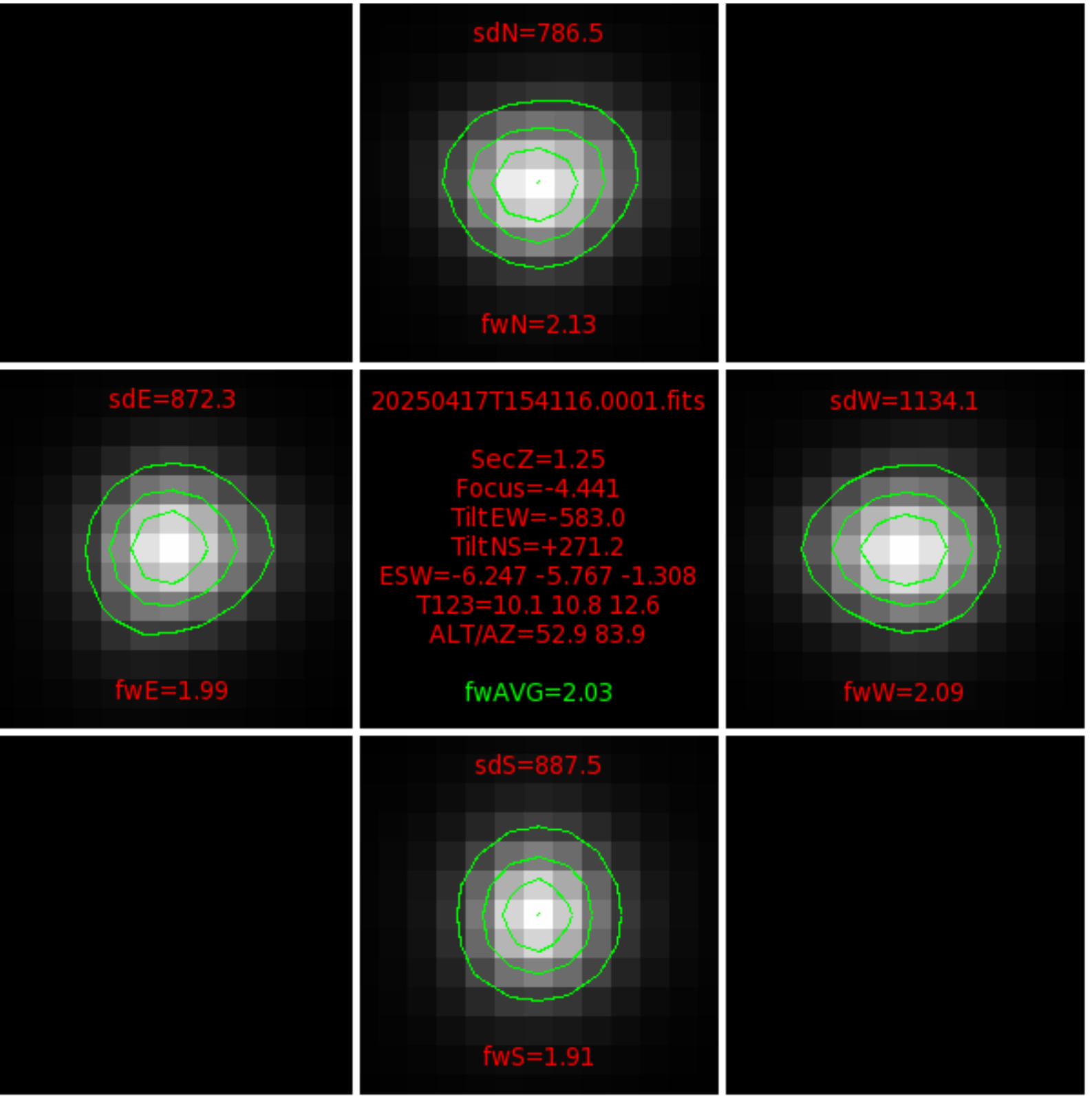
sdN=786.5
fwN=2.13
sdE=872.3
fwE=1.99
20250417T154116.0001.fits
SecZ=1.25
Focus=-4.441
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.247 -5.767 -1.308
T123=10.1 10.8 12.6
ALT/AZ=52.9 83.9
fwAVG=2.03
sdW=1134.1
fwW=2.09
sdS=887.5
fwS=1.91
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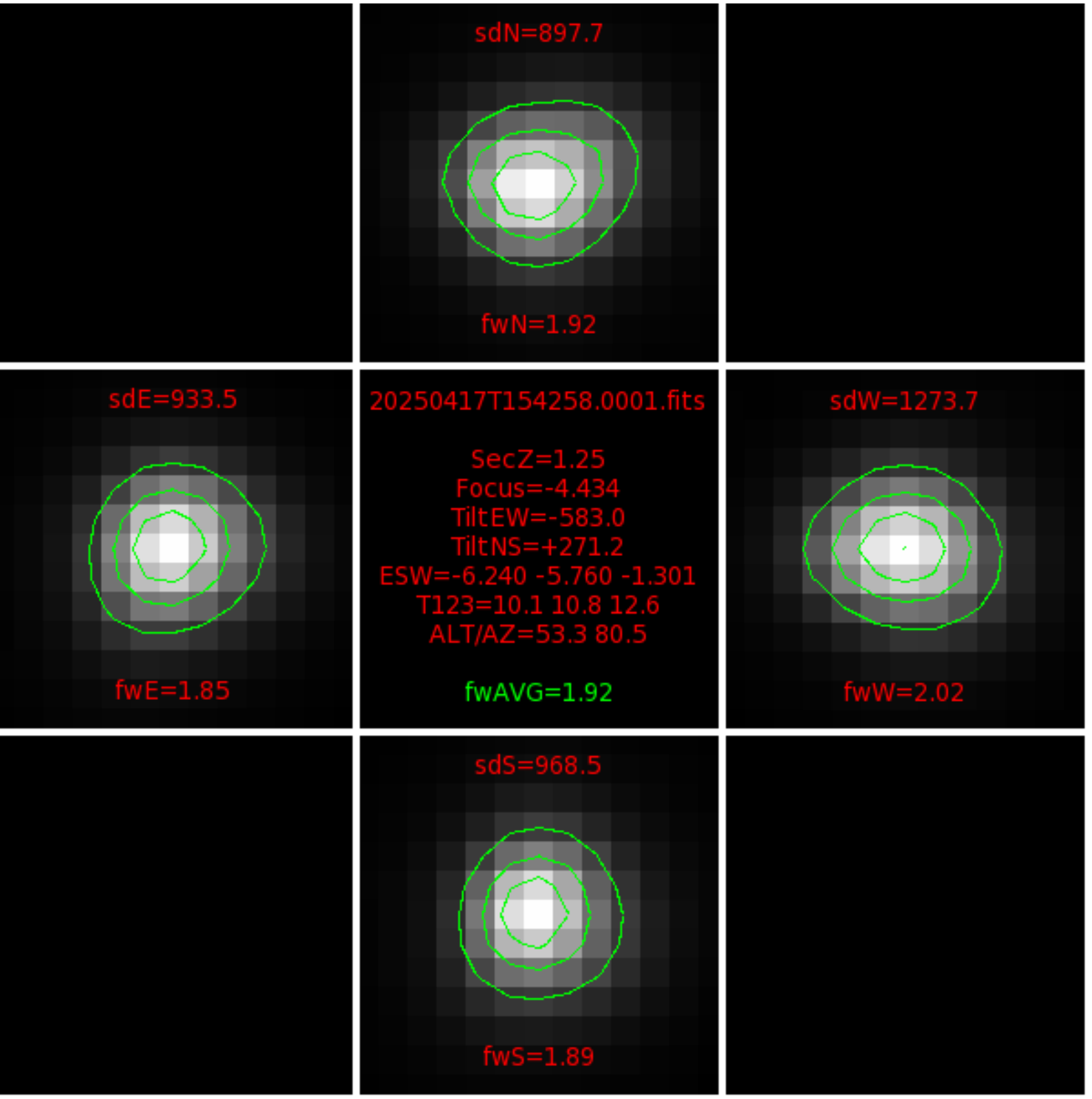
sdN=897.7
fwN=1.92
sdE=933.5
fwE=1.85
20250417T154258.0001.fits
SecZ=1.25
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.1 10.8 12.6
ALT/AZ=53.3 80.5
fwAVG=1.92
sdW=1273.7
fwW=2.02
sdS=968.5
fwS=1.89
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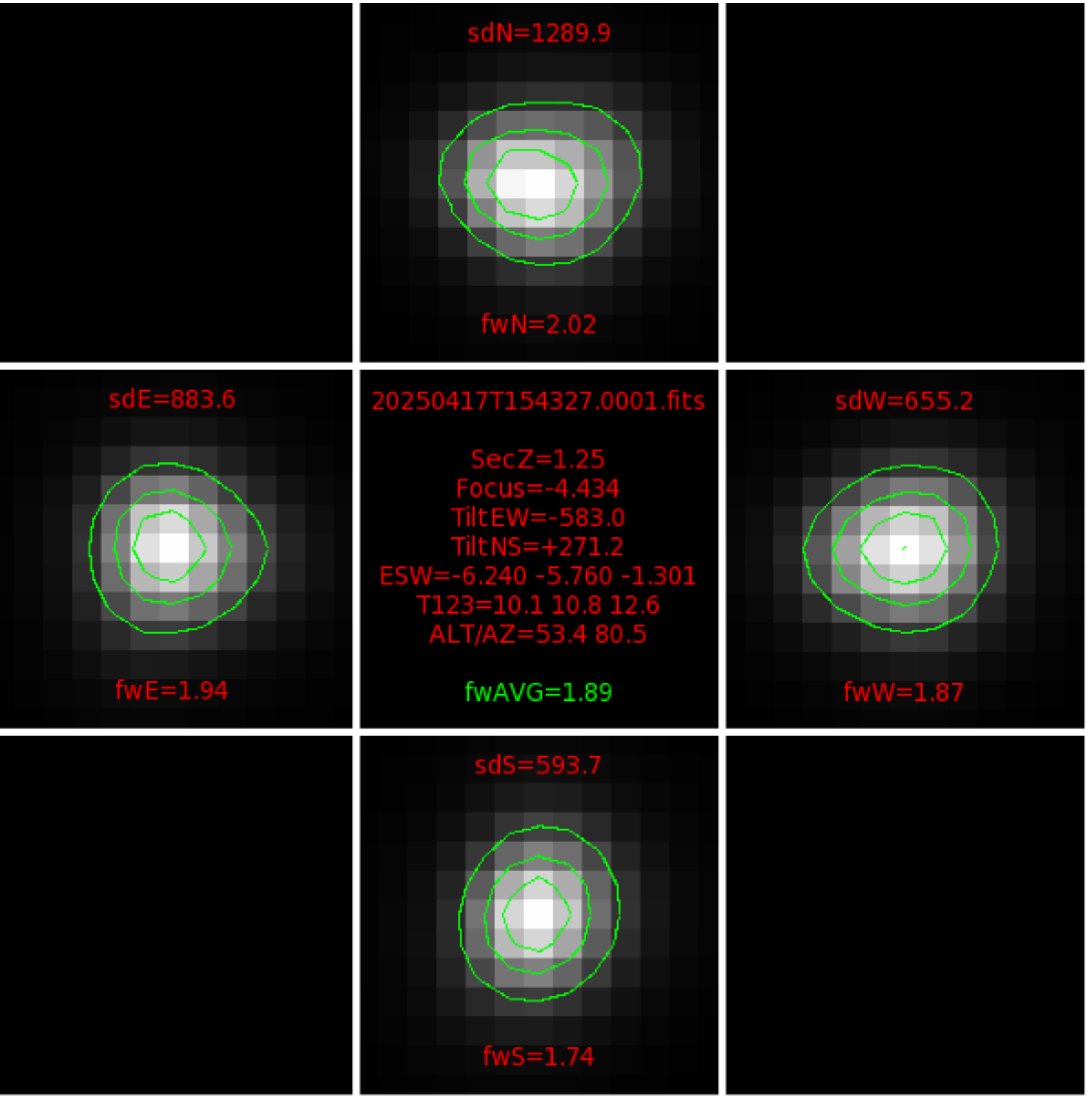
sdN=1289.9
fwN=2.02
sdE=883.6
fwE=1.94
20250417T154327.0001.fits
SecZ=1.25
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.1 10.8 12.6
ALT/AZ=53.4 80.5
fwAVG=1.89
sdW=655.2
fwW=1.87
sdS=593.7
fwS=1.74
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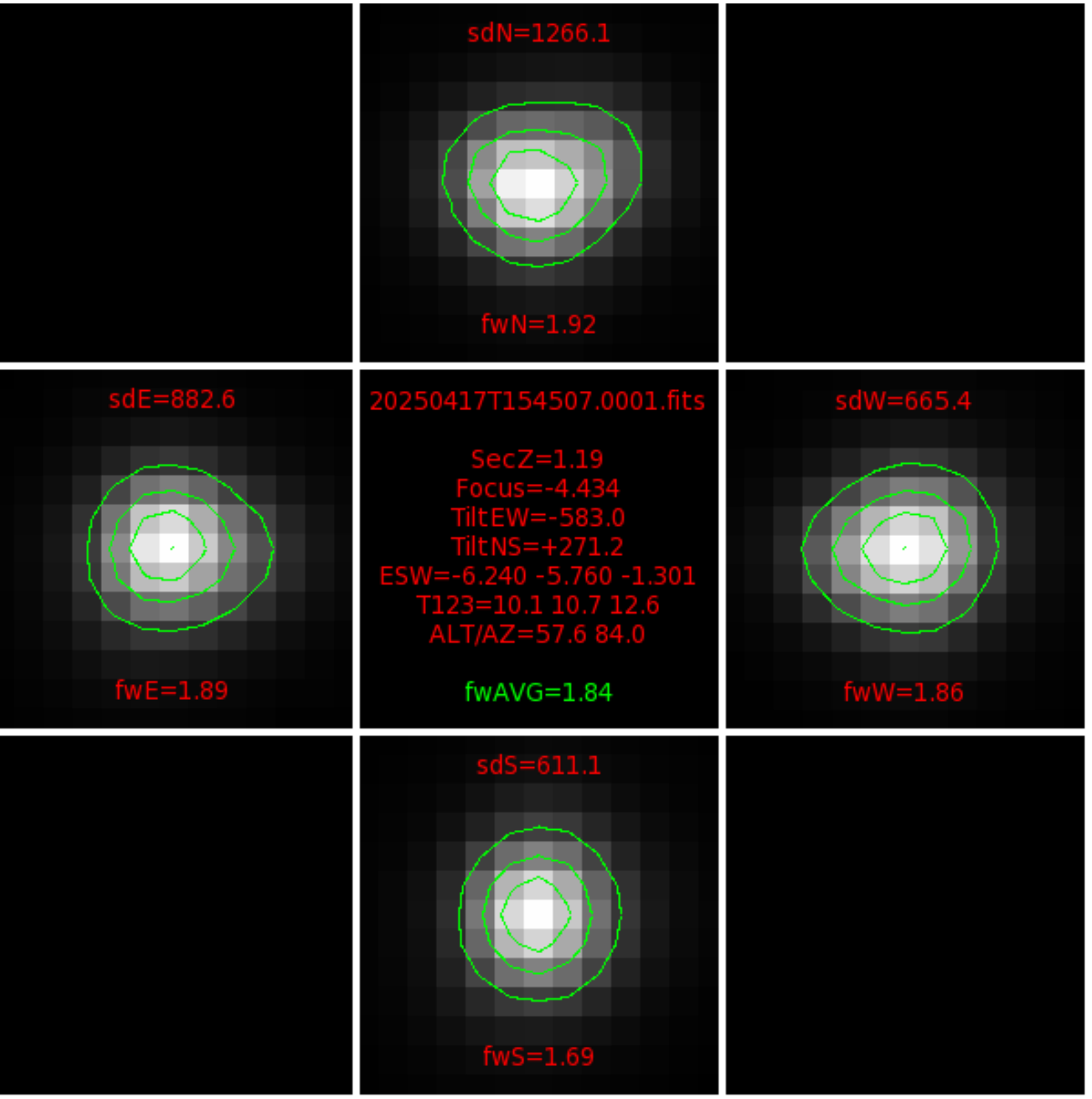
sdN=1266.1
fwN=1.92
sdE=882.6
fwE=1.89
20250417T154507.0001.fits
SecZ=1.19
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.1 10.7 12.6
ALT/AZ=57.6 84.0
fwAVG=1.84
sdW=665.4
fwW=1.86
sdS=611.1
fwS=1.69
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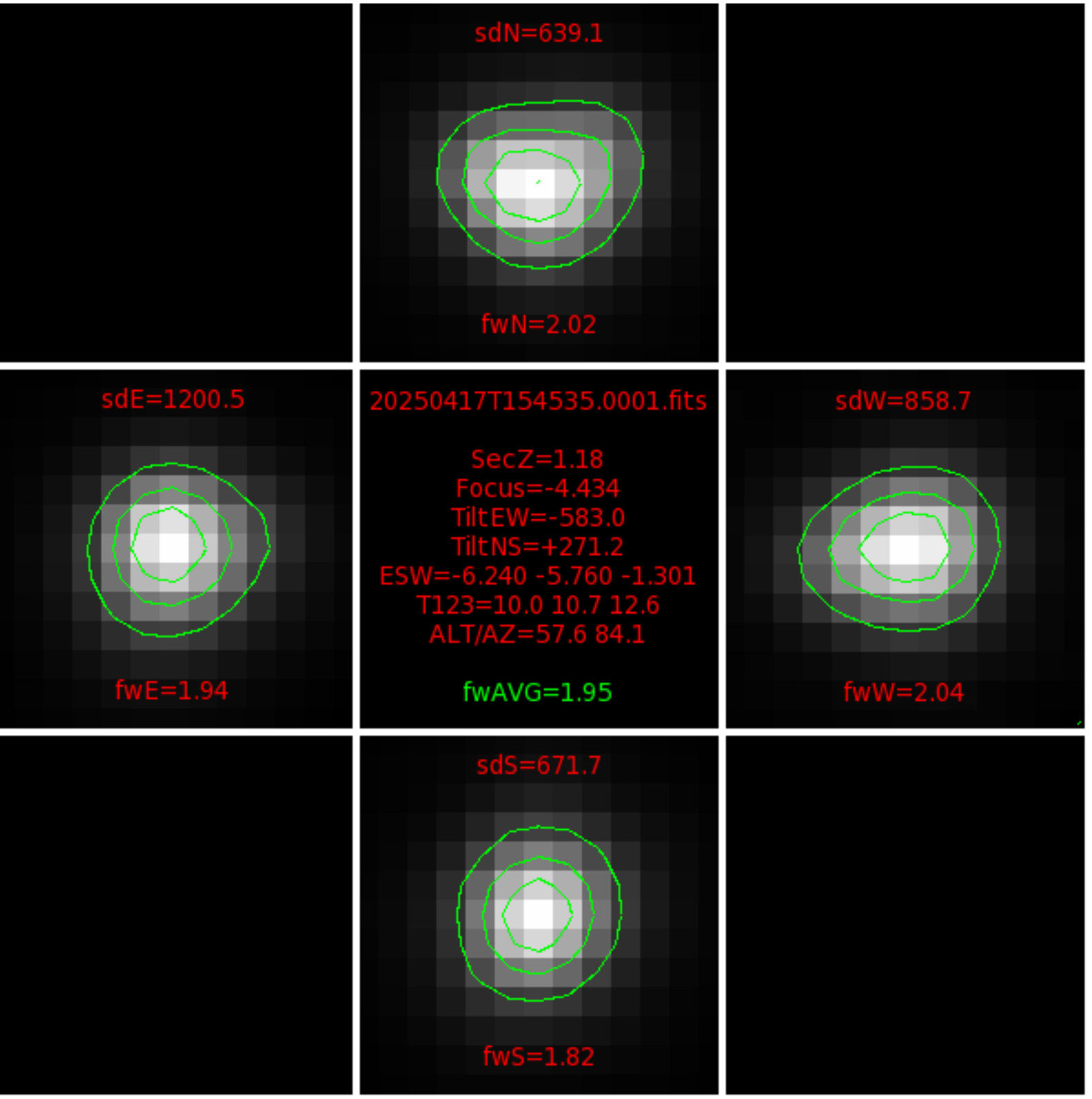
sdN=639.1
fwN=2.02
sdE=1200.5
fwE=1.94
20250417T154535.0001.fits
SecZ=1.18
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.0 10.7 12.6
ALT/AZ=57.6 84.1
fwAVG=1.95
sdW=858.7
fwW=2.04
sdS=671.7
fwS=1.82
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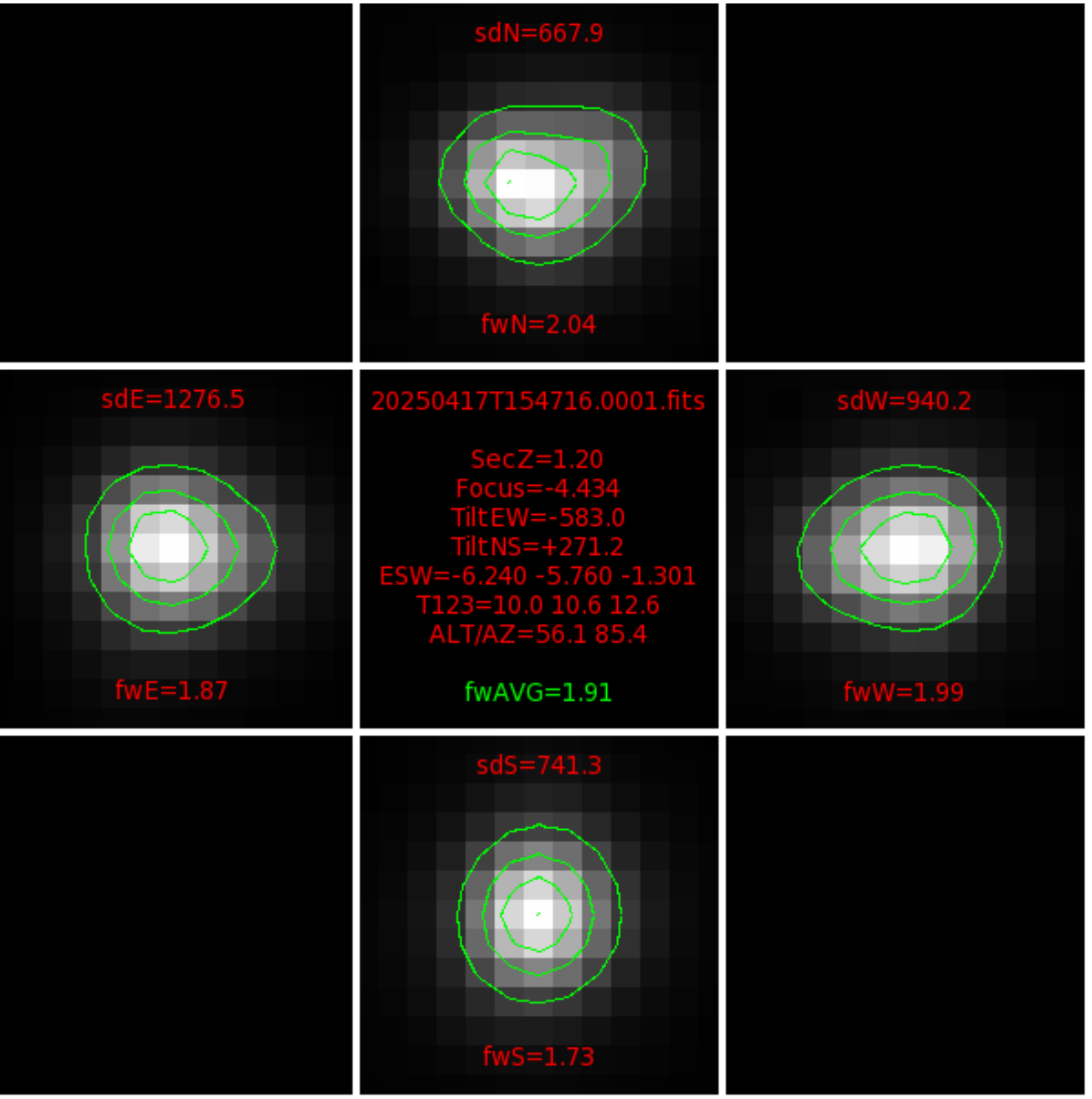
sdN=667.9
fwN=2.04
sdE=1276.5
fwE=1.87
20250417T154716.0001.fits
SecZ=1.20
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.0 10.6 12.6
ALT/AZ=56.1 85.4
fwAVG=1.91
sdW=940.2
fwW=1.99
sdS=741.3
fwS=1.73
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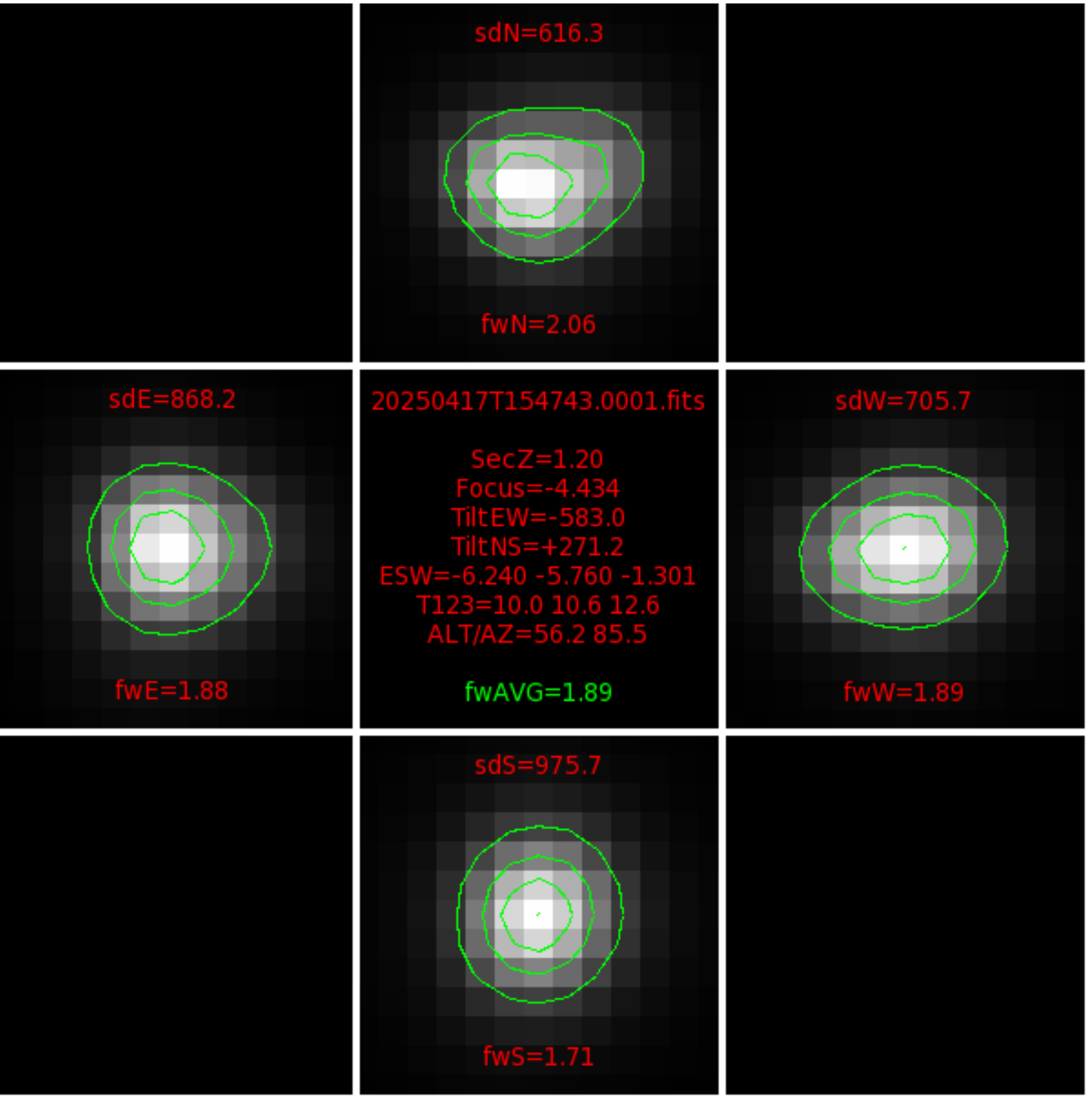
sdN=616.3
fwN=2.06
sdE=868.2
fwE=1.88
20250417T154743.0001.fits
SecZ=1.20
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.0 10.6 12.6
ALT/AZ=56.2 85.5
fwAVG=1.89
sdW=705.7
fwW=1.89
sdS=975.7
fwS=1.71
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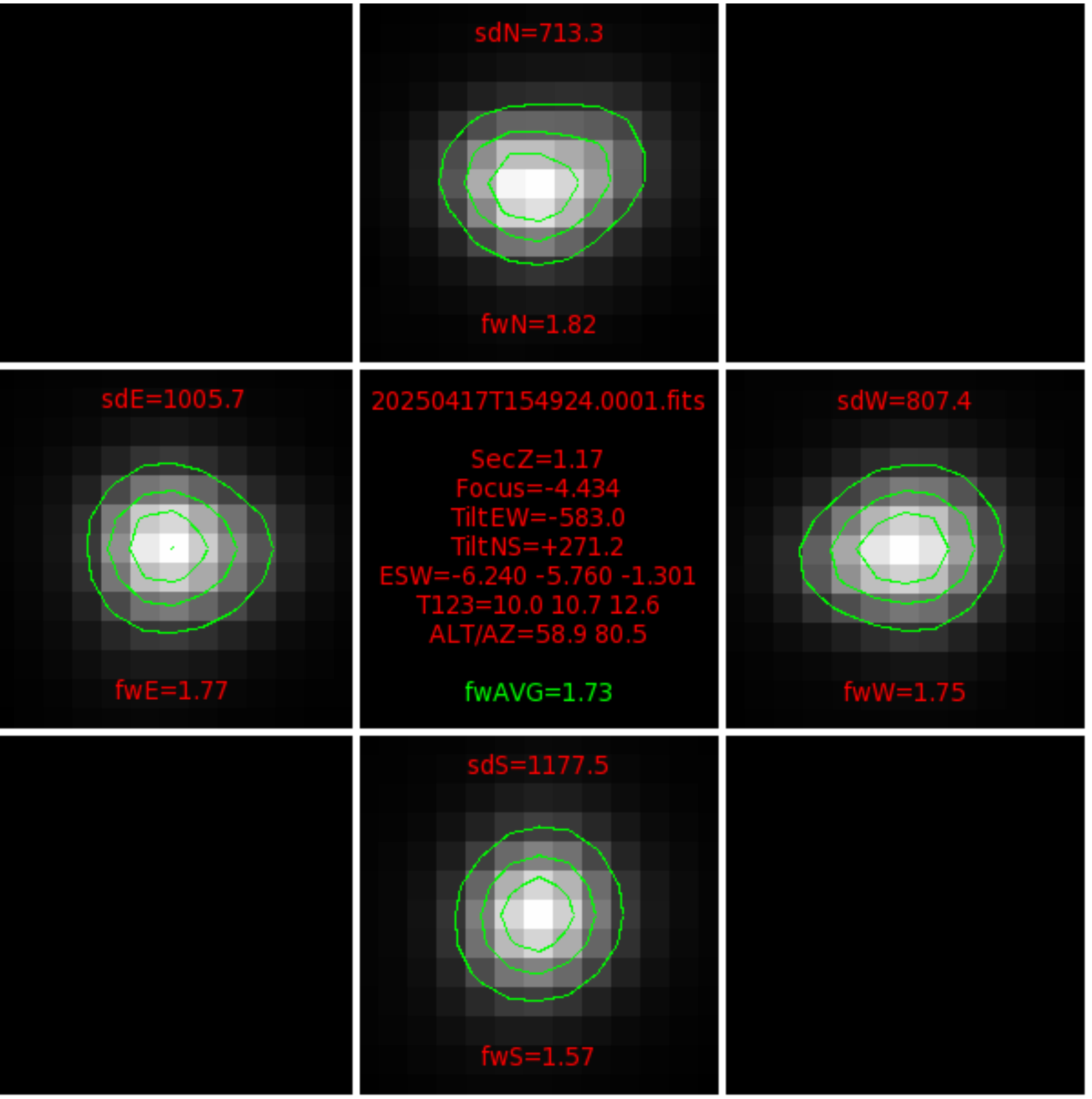
sdN=713.3
fwN=1.82
sdE=1005.7
fwE=1.77
20250417T154924.0001.fits
SecZ=1.17
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.0 10.7 12.6
ALT/AZ=58.9 80.5
fwAVG=1.73
sdW=807.4
fwW=1.75
sdS=1177.5
fwS=1.57
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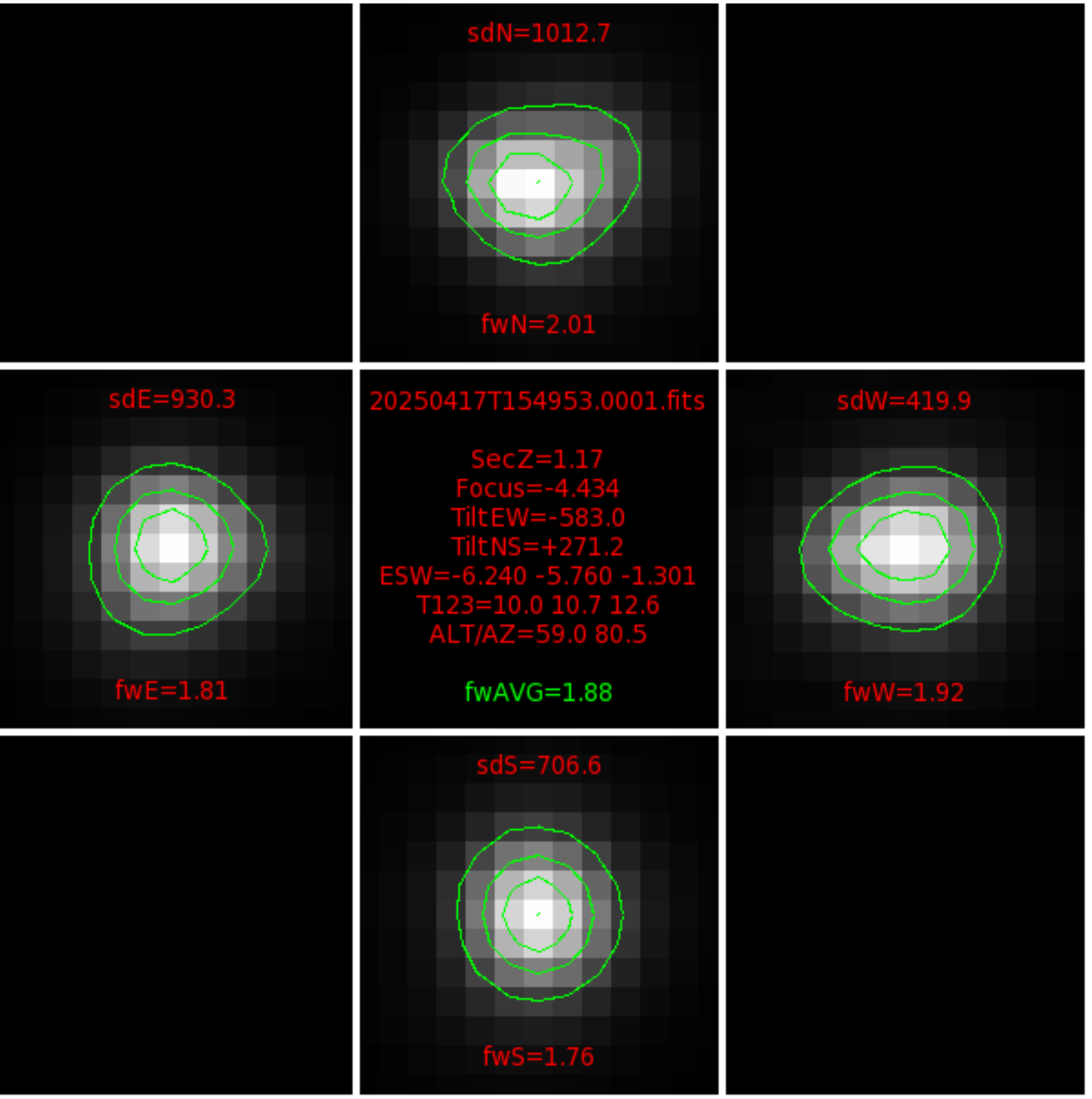
sdN=1012.7
fwN=2.01
sdE=930.3
fwE=1.81
20250417T154953.0001.fits
SecZ=1.17
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.0 10.7 12.6
ALT/AZ=59.0 80.5
fwAVG=1.88
sdW=419.9
fwW=1.92
sdS=706.6
fwS=1.76
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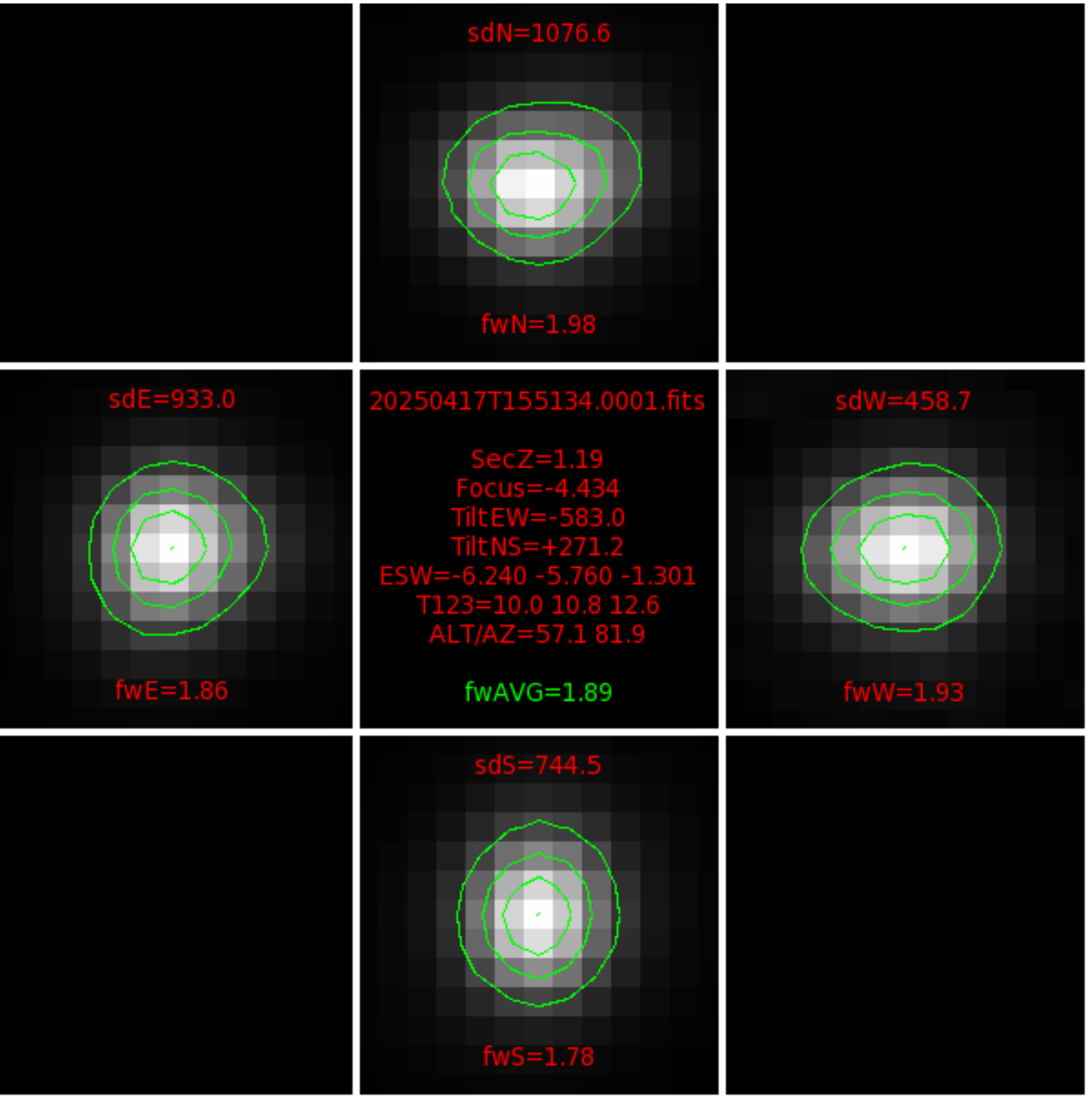
sdN=1076.6
fwN=1.98
sdE=933.0
fwE=1.86
20250417T155134.0001.fits
SecZ=1.19
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.0 10.8 12.6
ALT/AZ=57.1 81.9
fwAVG=1.89
sdW=458.7
fwW=1.93
sdS=744.5
fwS=1.78
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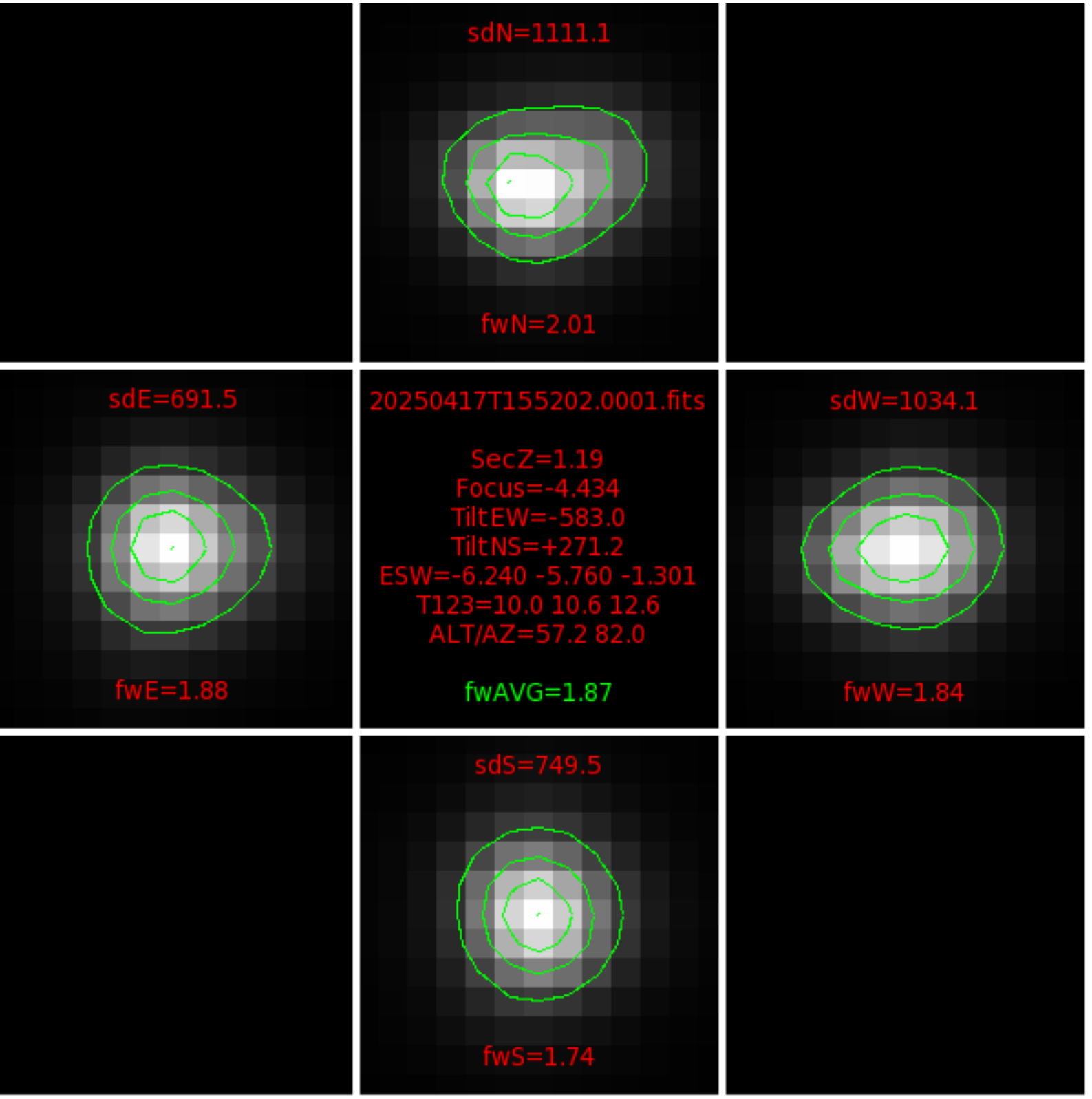
sdN=1111.1
fwN=2.01
sdE=691.5
fwE=1.88
20250417T155202.0001.fits
SecZ=1.19
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.0 10.6 12.6
ALT/AZ=57.2 82.0
fwAVG=1.87
sdW=1034.1
fwW=1.84
sdS=749.5
fwS=1.74
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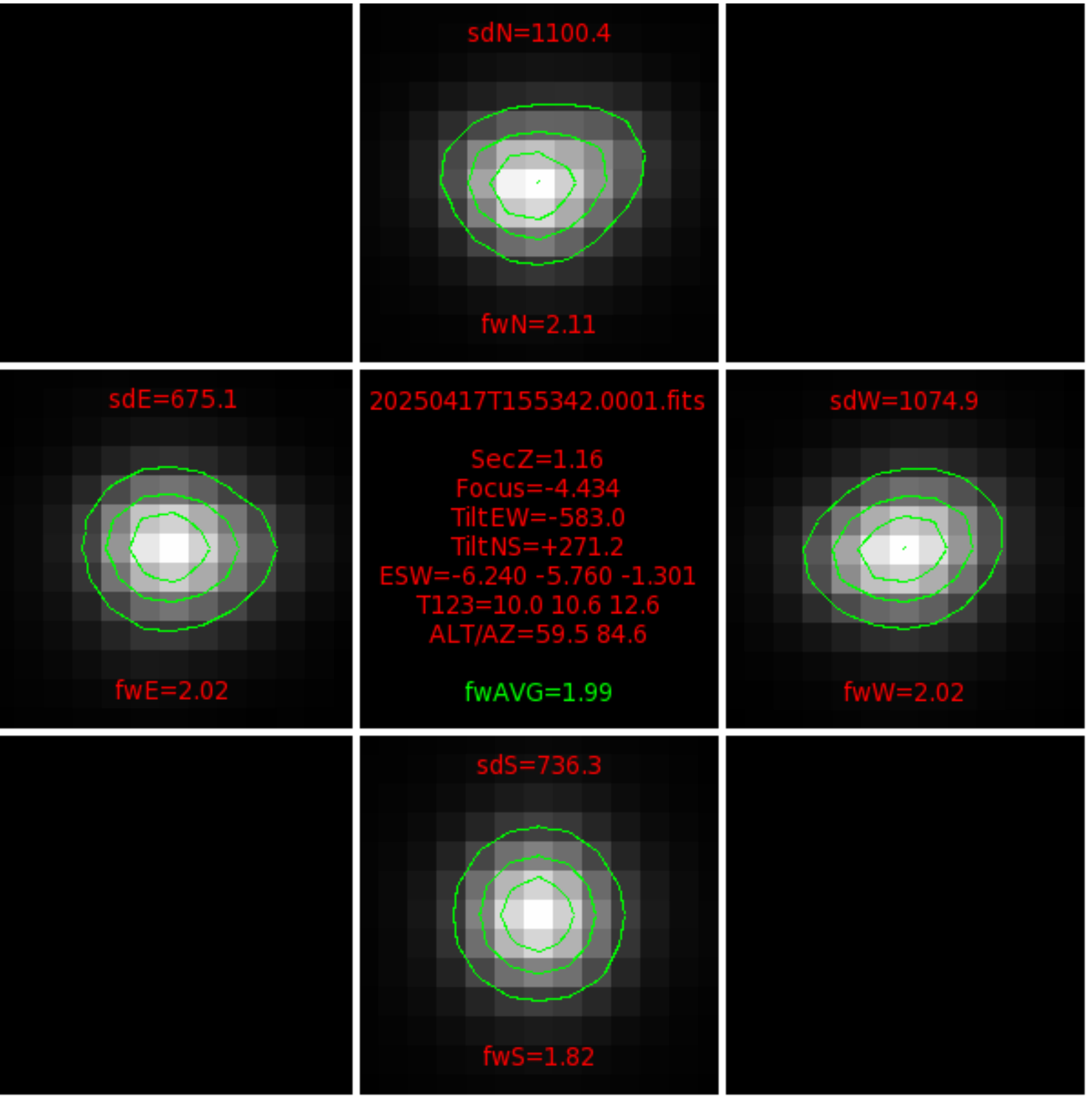
sdN=1100.4
fwN=2.11
sdE=675.1
fwE=2.02
20250417T155342.0001.fits
SecZ=1.16
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.0 10.6 12.6
ALT/AZ=59.5 84.6
fwAVG=1.99
sdW=1074.9
fwW=2.02
sdS=736.3
fwS=1.82
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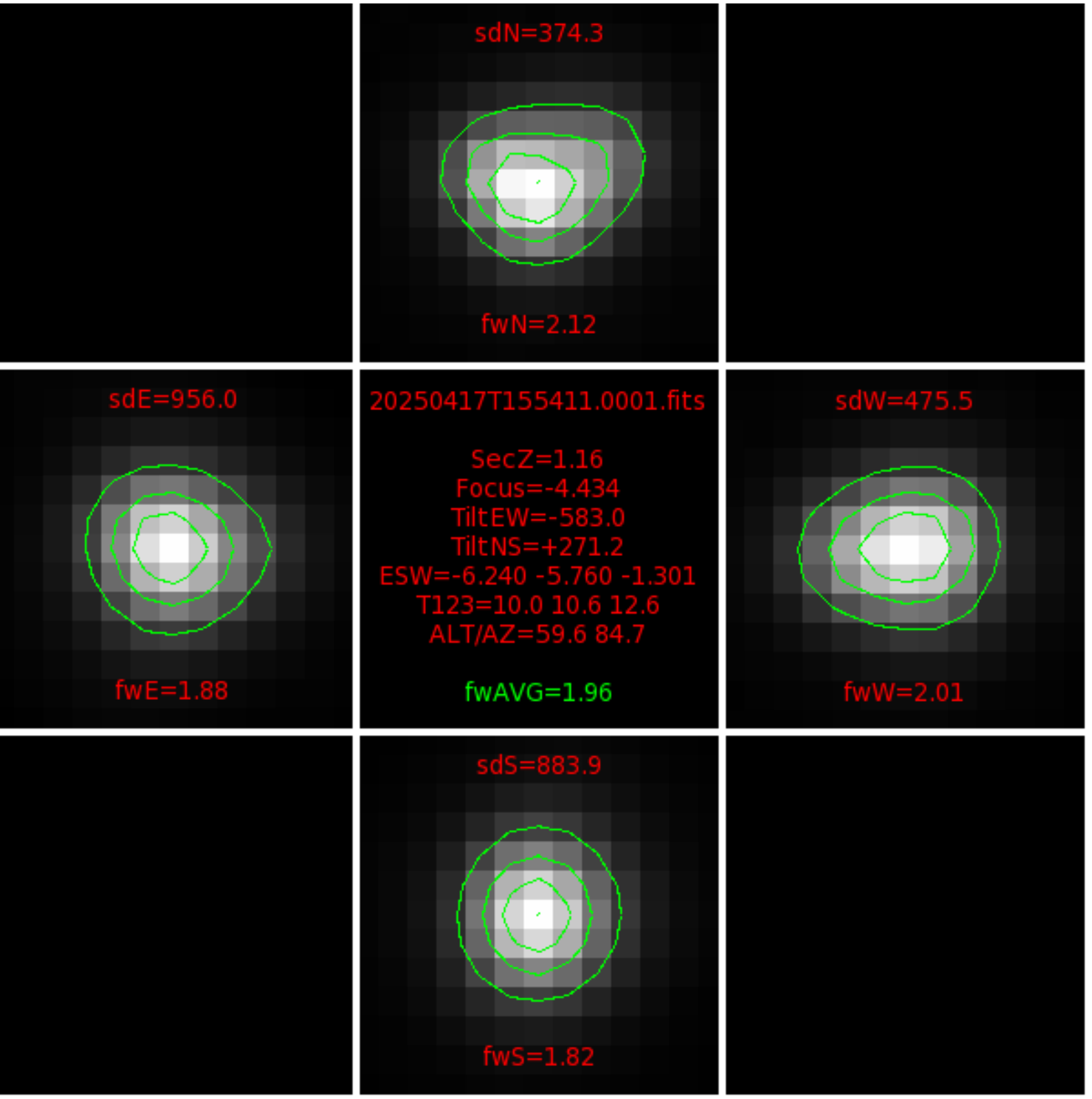
sdN=374.3
fwN=2.12
sdE=956.0
fwE=1.88
20250417T155411.0001.fits
SecZ=1.16
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.0 10.6 12.6
ALT/AZ=59.6 84.7
fwAVG=1.96
sdW=475.5
fwW=2.01
sdS=883.9
fwS=1.82
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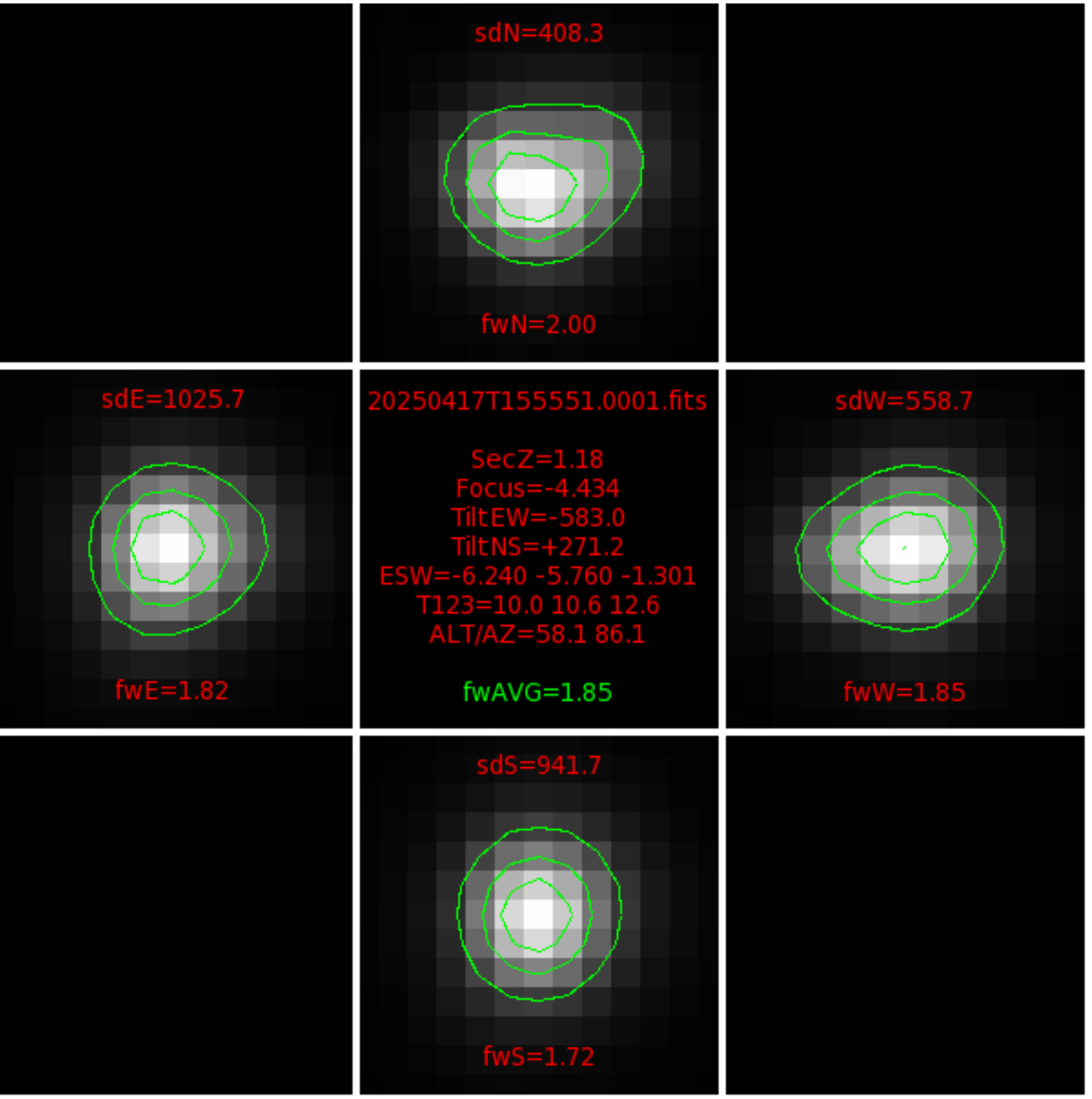
sdN=408.3
fwN=2.00
sdE=1025.7
fwE=1.82
20250417T155551.0001.fits
SecZ=1.18
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.0 10.6 12.6
ALT/AZ=58.1 86.1
fwAVG=1.85
sdW=558.7
fwW=1.85
sdS=941.7
fwS=1.72
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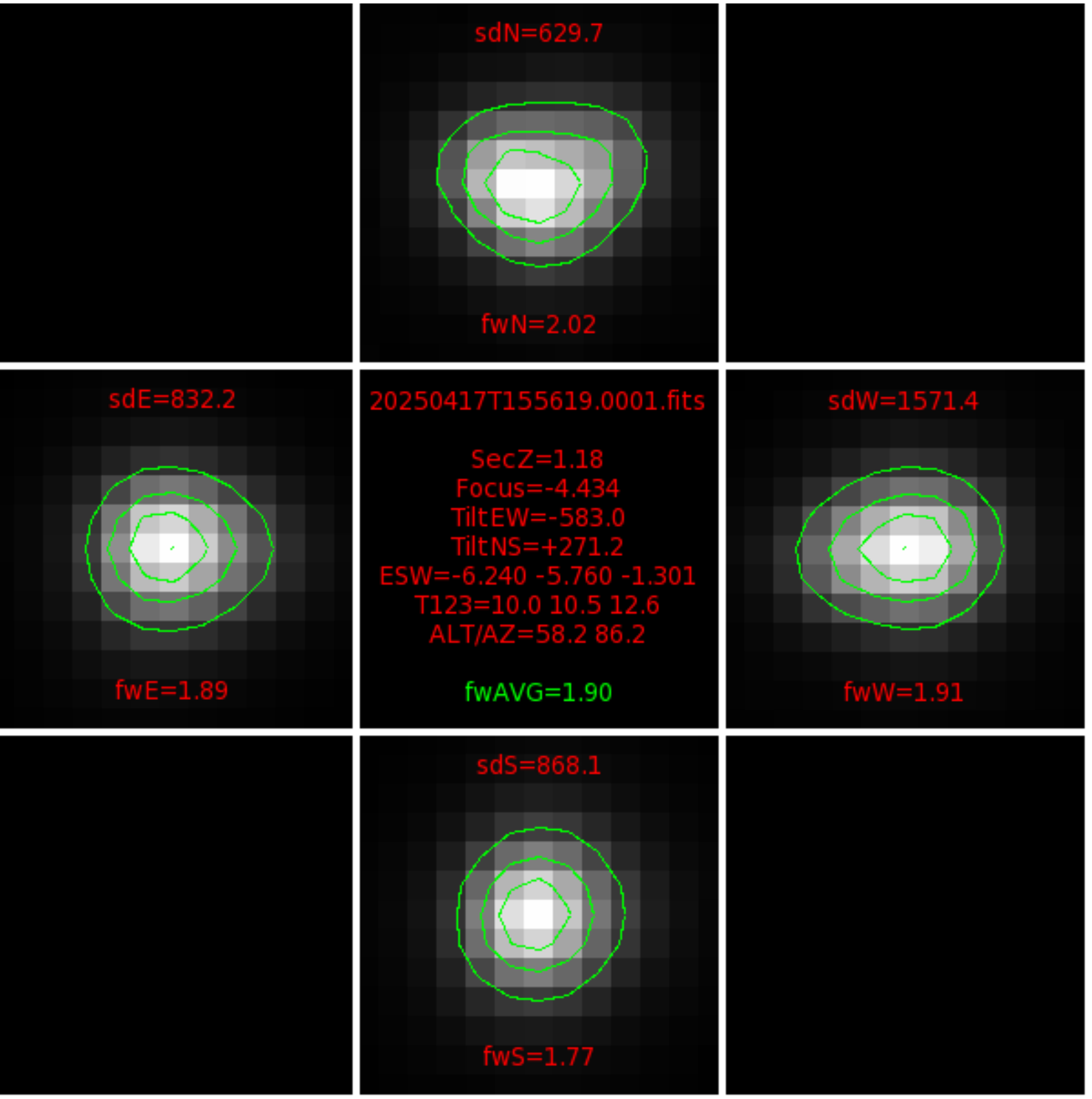
sdN=629.7
fwN=2.02
sdE=832.2
fwE=1.89
20250417T155619.0001.fits
SecZ=1.18
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=10.0 10.5 12.6
ALT/AZ=58.2 86.2
fwAVG=1.90
sdW=1571.4
fwW=1.91
sdS=868.1
fwS=1.77
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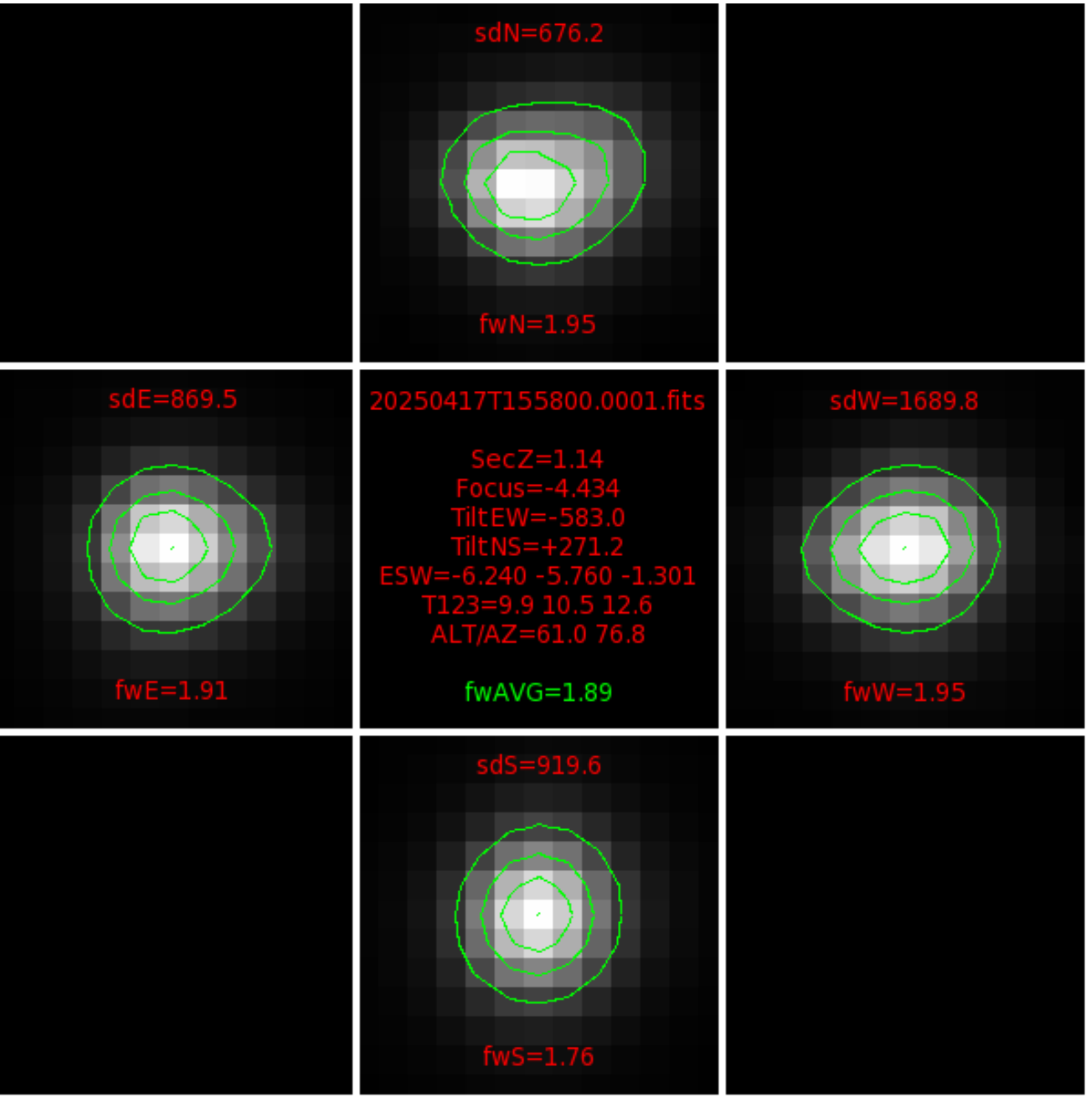
sdN=676.2
fwN=1.95
sdE=869.5
fwE=1.91
20250417T155800.0001.fits
SecZ=1.14
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=9.9 10.5 12.6
ALT/AZ=61.0 76.8
fwAVG=1.89
sdW=1689.8
fwW=1.95
sdS=919.6
fwS=1.76
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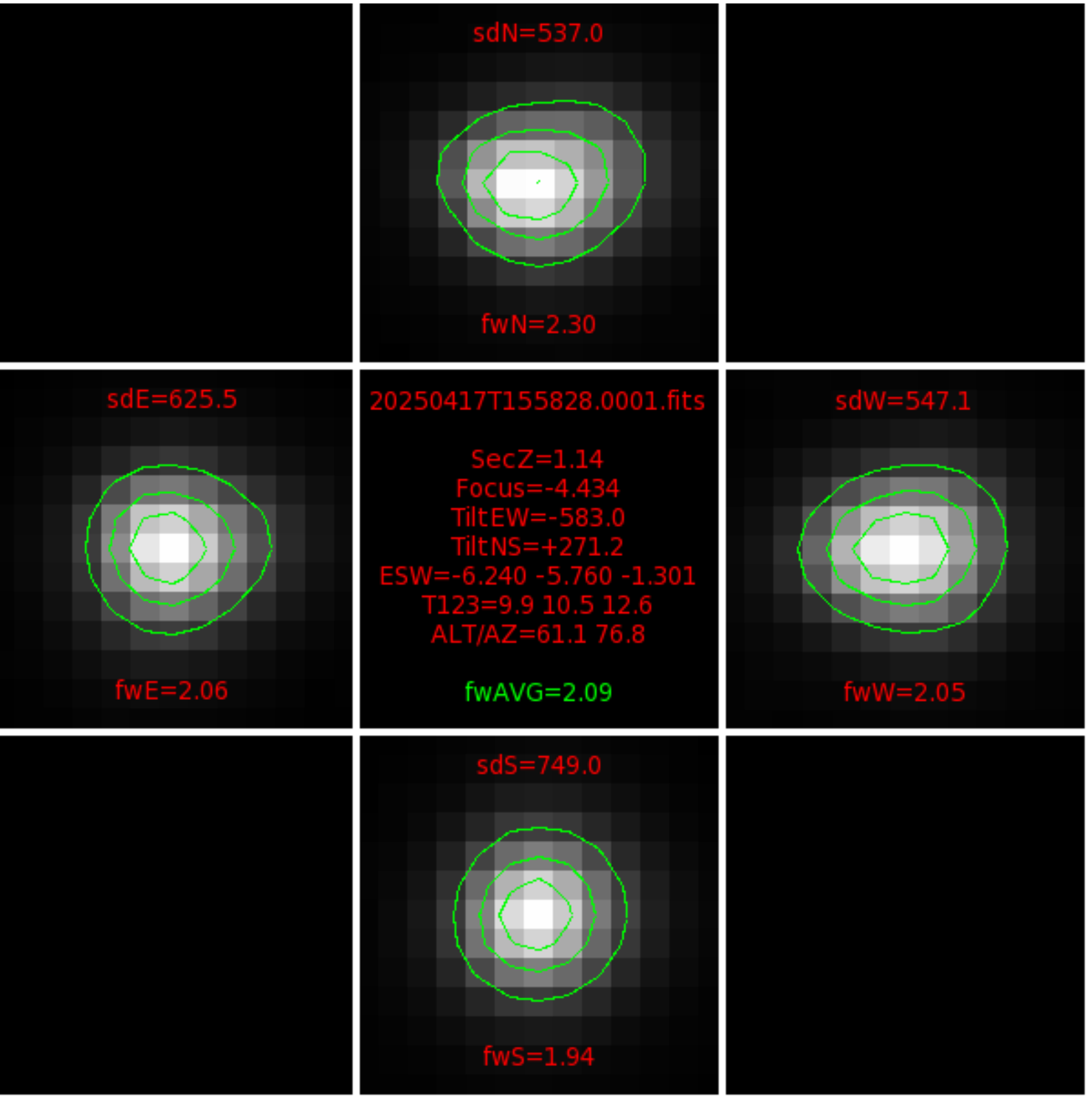
sdN=537.0
fwN=2.30
sdE=625.5
fwE=2.06
20250417T155828.0001.fits
SecZ=1.14
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=9.9 10.5 12.6
ALT/AZ=61.1 76.8
fwAVG=2.09
sdW=547.1
fwW=2.05
sdS=749.0
fwS=1.94
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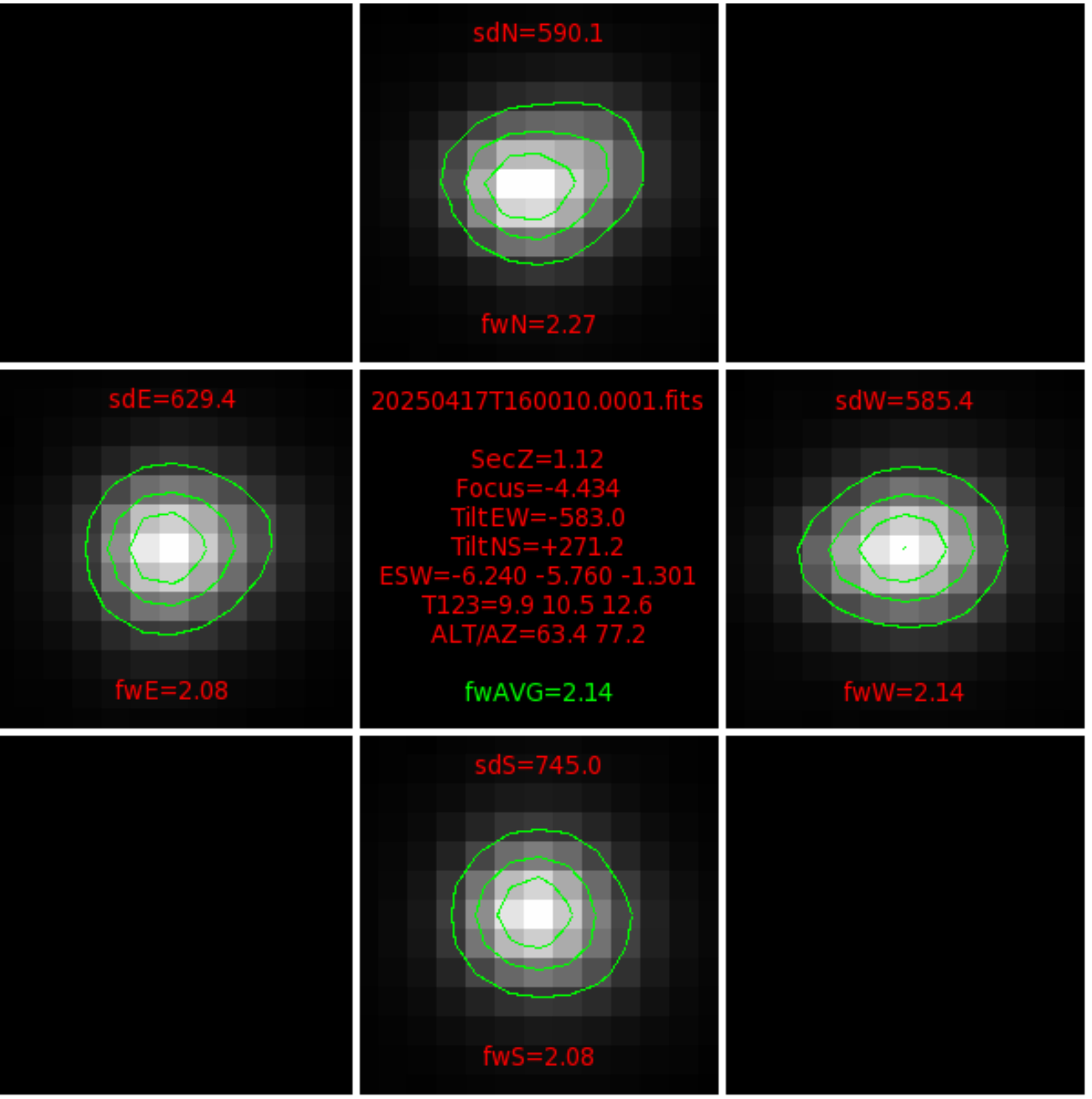
sdN=590.1
fwN=2.27
sdE=629.4
fwE=2.08
20250417T160010.0001.fits
SecZ=1.12
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=9.9 10.5 12.6
ALT/AZ=63.4 77.2
fwAVG=2.14
sdW=585.4
fwW=2.14
sdS=745.0
fwS=2.08
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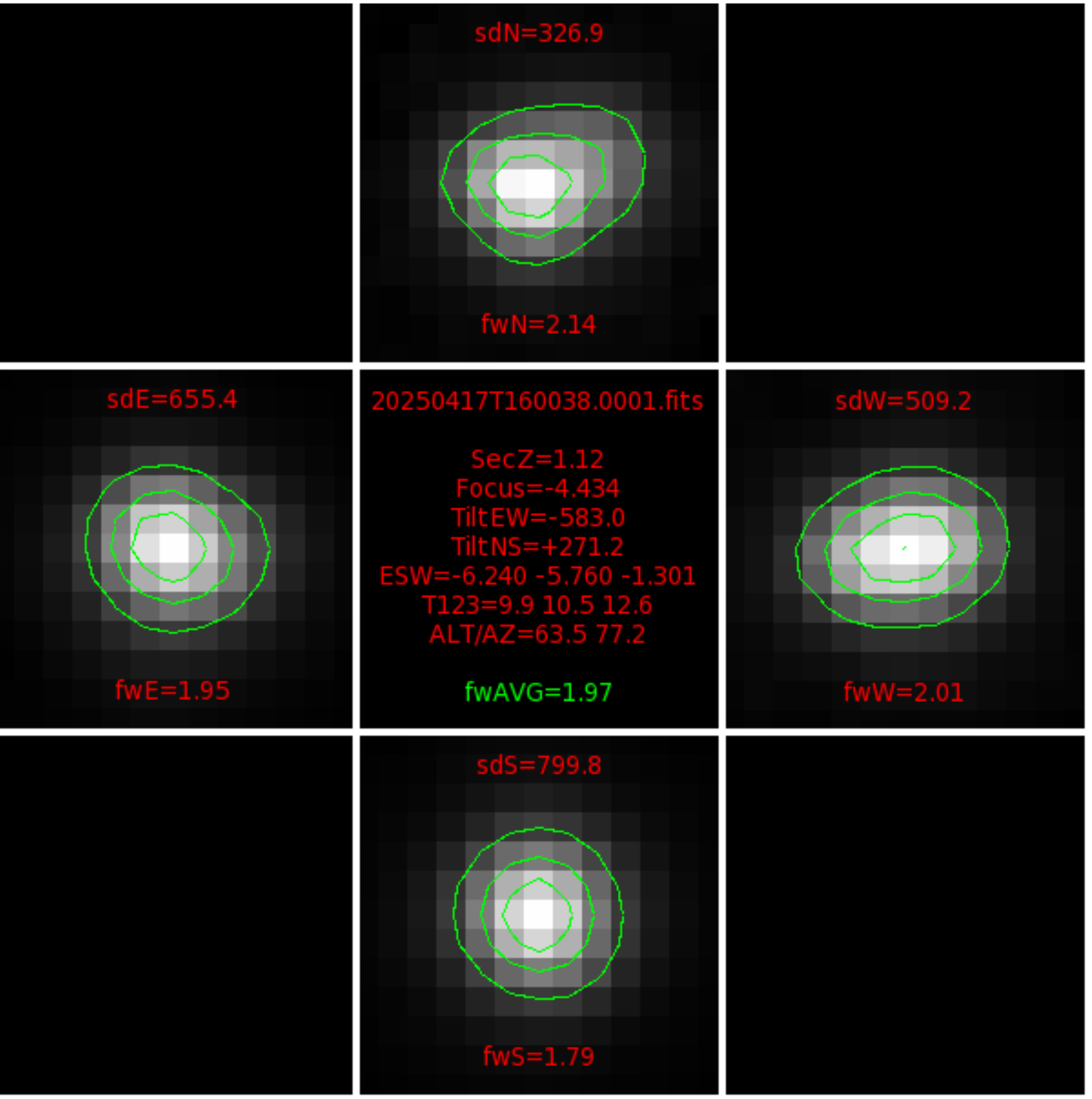
sdN=326.9
fwN=2.14
sdE=655.4
fwE=1.95
20250417T160038.0001.fits
SecZ=1.12
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=9.9 10.5 12.6
ALT/AZ=63.5 77.2
fwAVG=1.97
sdW=509.2
fwW=2.01
sdS=799.8
fwS=1.79
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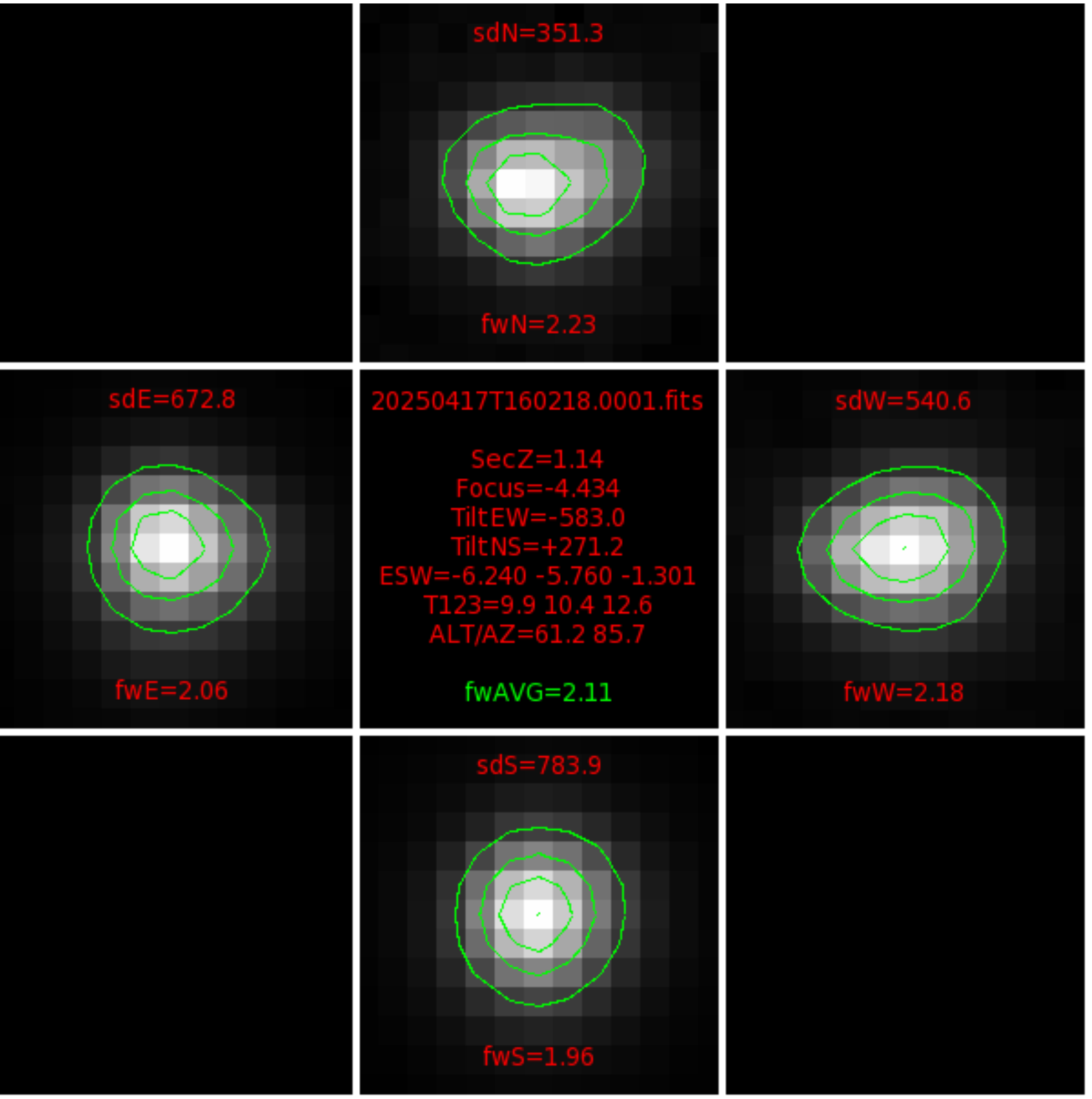
sdN=351.3
fwN=2.23
sdE=672.8
fwE=2.06
20250417T160218.0001.fits
SecZ=1.14
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=9.9 10.4 12.6
ALT/AZ=61.2 85.7
fwAVG=2.11
sdW=540.6
fwW=2.18
sdS=783.9
fwS=1.96
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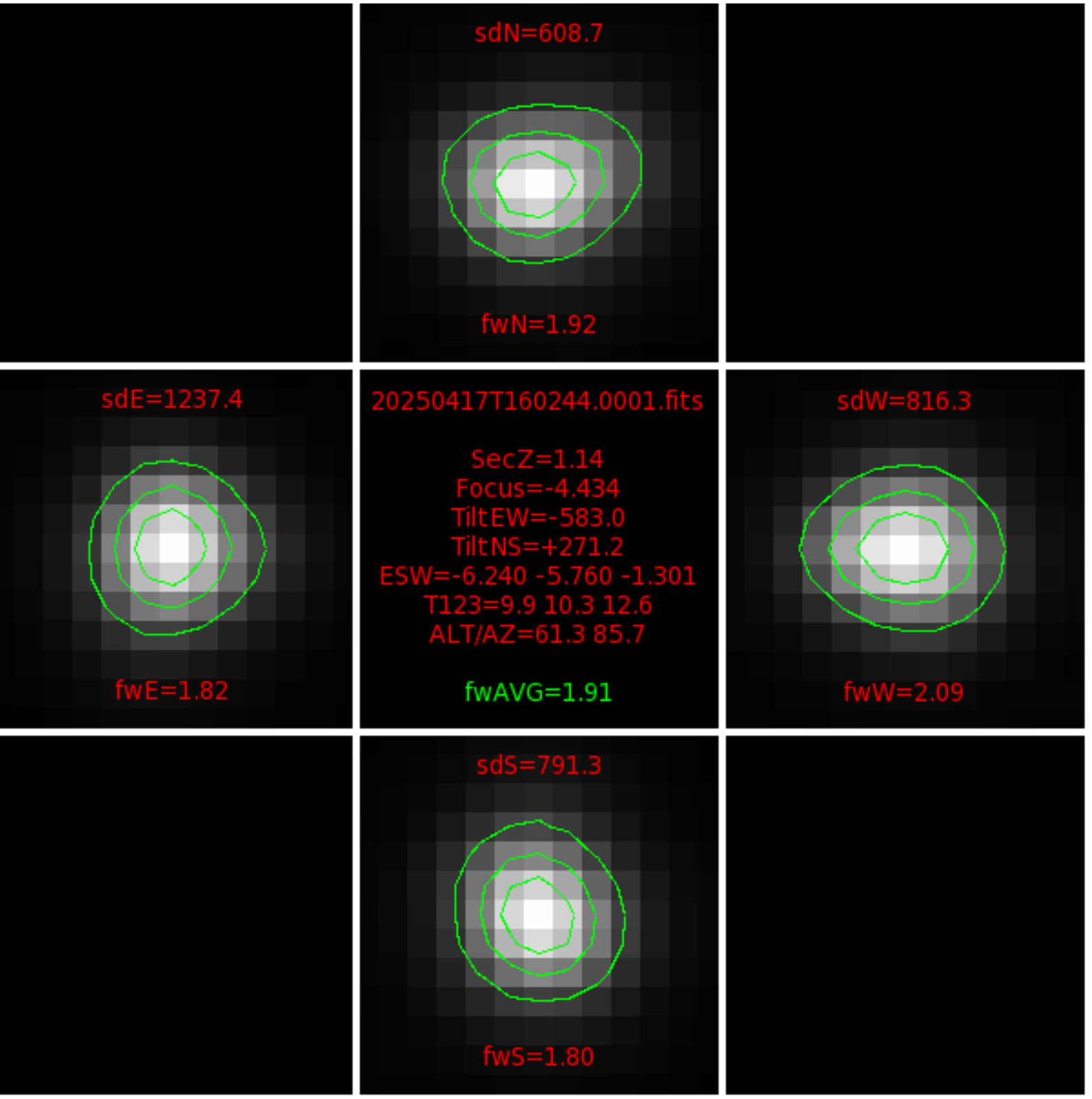
sdN=608.7
fwN=1.92
sdE=1237.4
fwE=1.82
20250417T160244.0001.fits
SecZ=1.14
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=9.9 10.3 12.6
ALT/AZ=61.3 85.7
fwAVG=1.91
sdW=816.3
fwW=2.09
sdS=791.3
fwS=1.80
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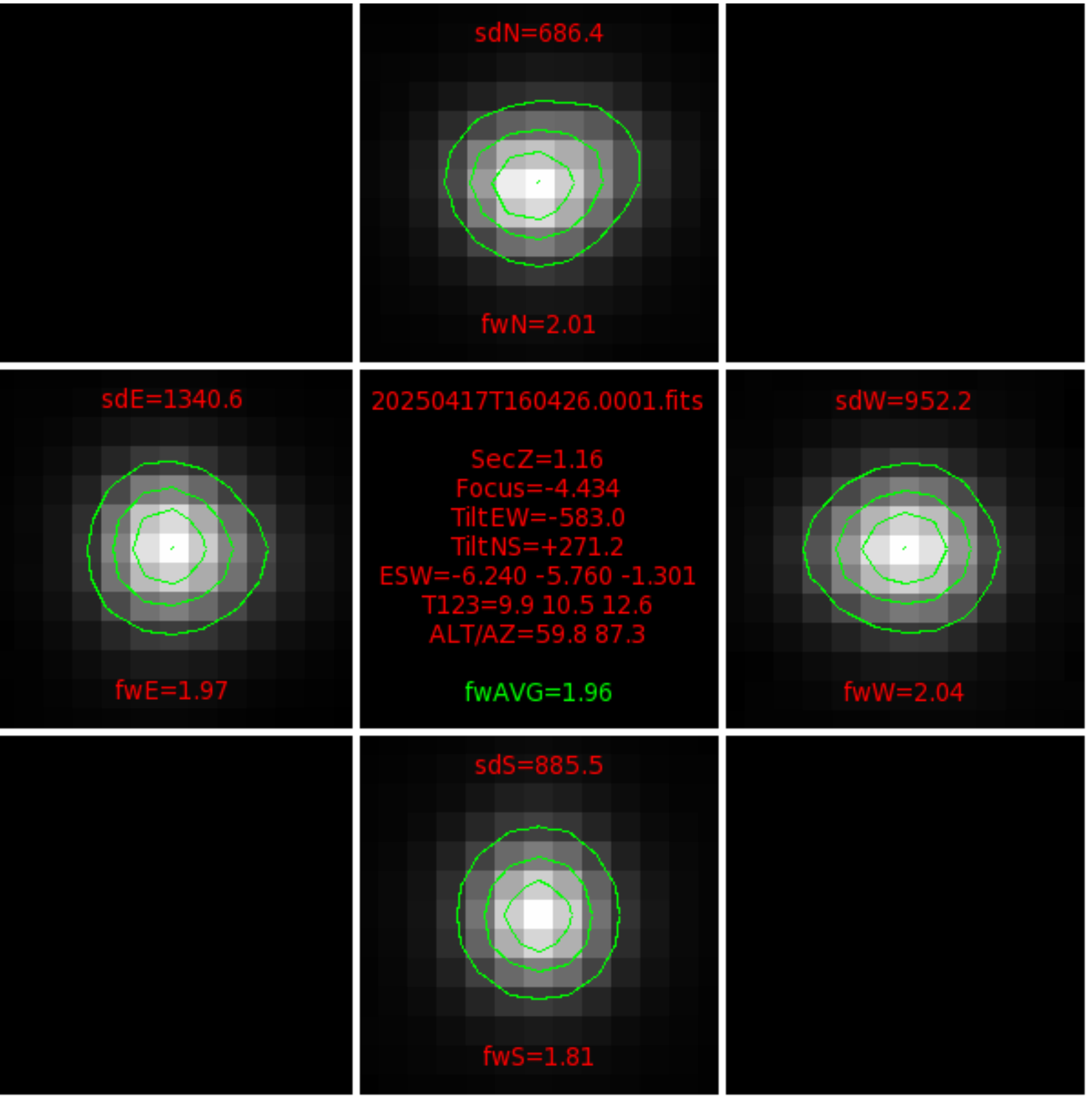
sdN=686.4
fwN=2.01
sdE=1340.6
fwE=1.97
20250417T160426.0001.fits
SecZ=1.16
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=9.9 10.5 12.6
ALT/AZ=59.8 87.3
fwAVG=1.96
sdW=952.2
fwW=2.04
sdS=885.5
fwS=1.81
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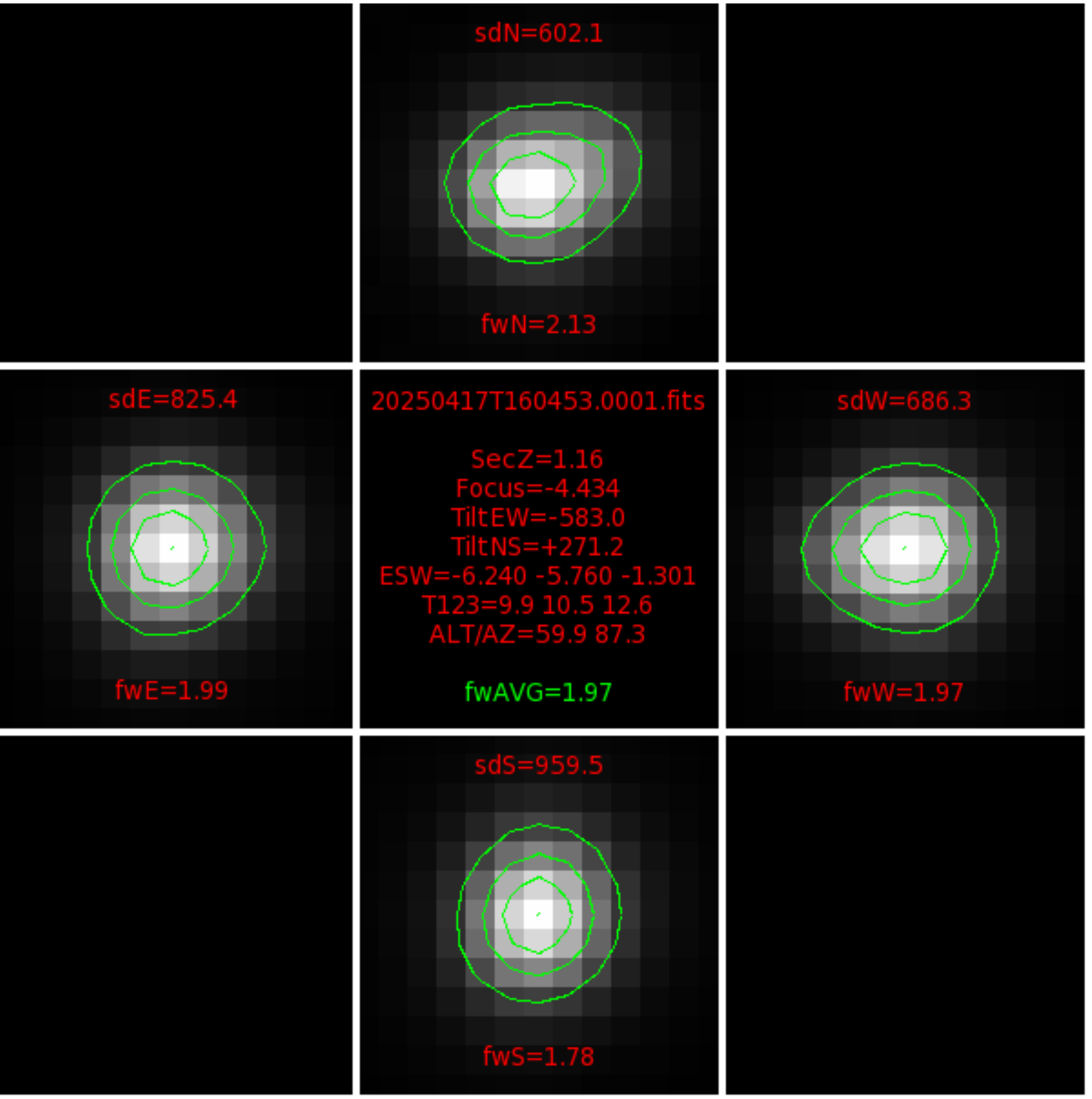
sdN=602.1
fwN=2.13
sdE=825.4
fwE=1.99
20250417T160453.0001.fits
SecZ=1.16
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=9.9 10.5 12.6
ALT/AZ=59.9 87.3
fwAVG=1.97
sdW=686.3
fwW=1.97
sdS=959.5
fwS=1.78
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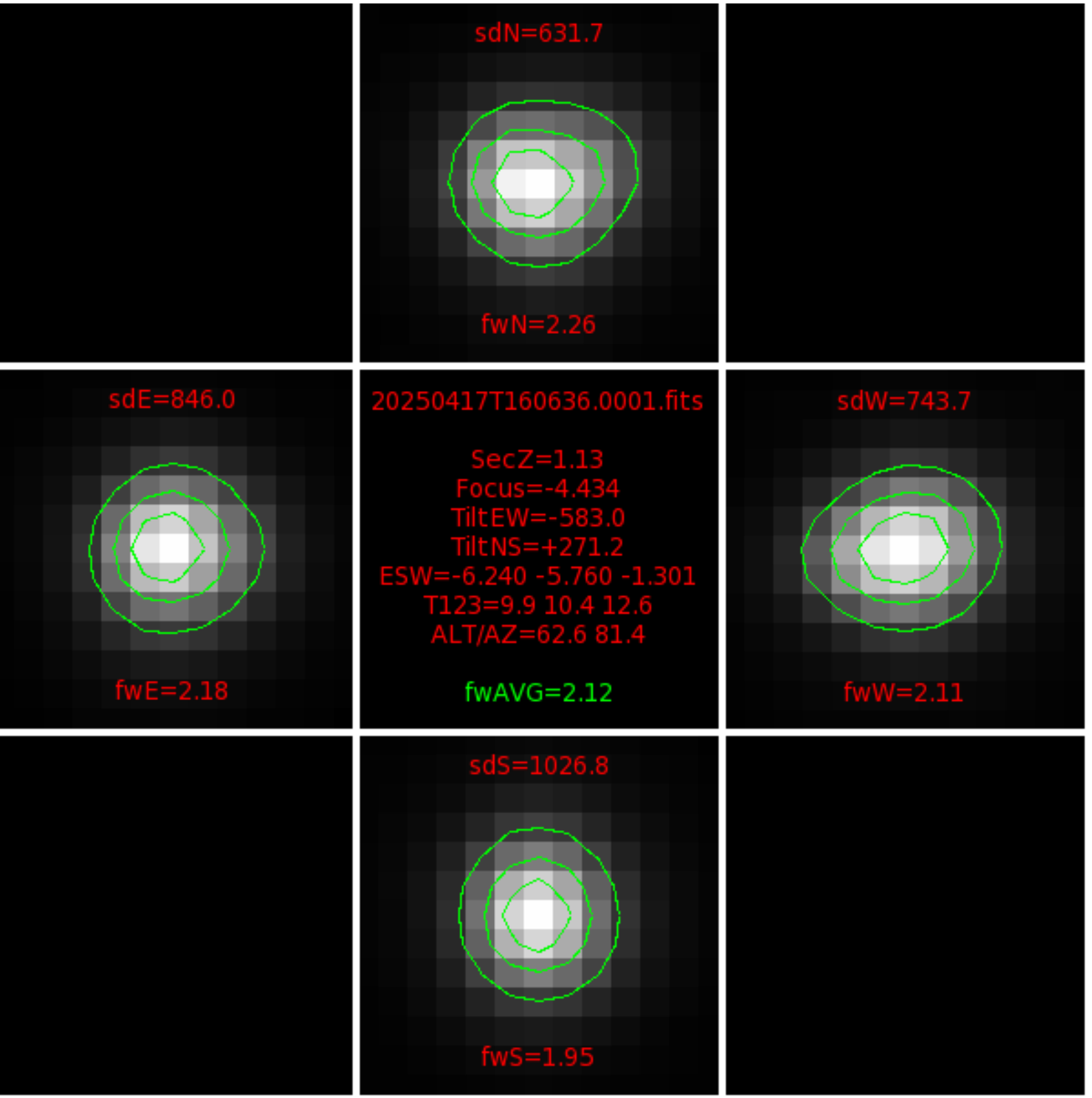
sdN=631.7
fwN=2.26
sdE=846.0
fwE=2.18
20250417T160636.0001.fits
SecZ=1.13
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=9.9 10.4 12.6
ALT/AZ=62.6 81.4
fwAVG=2.12
sdW=743.7
fwW=2.11
sdS=1026.8
fwS=1.95
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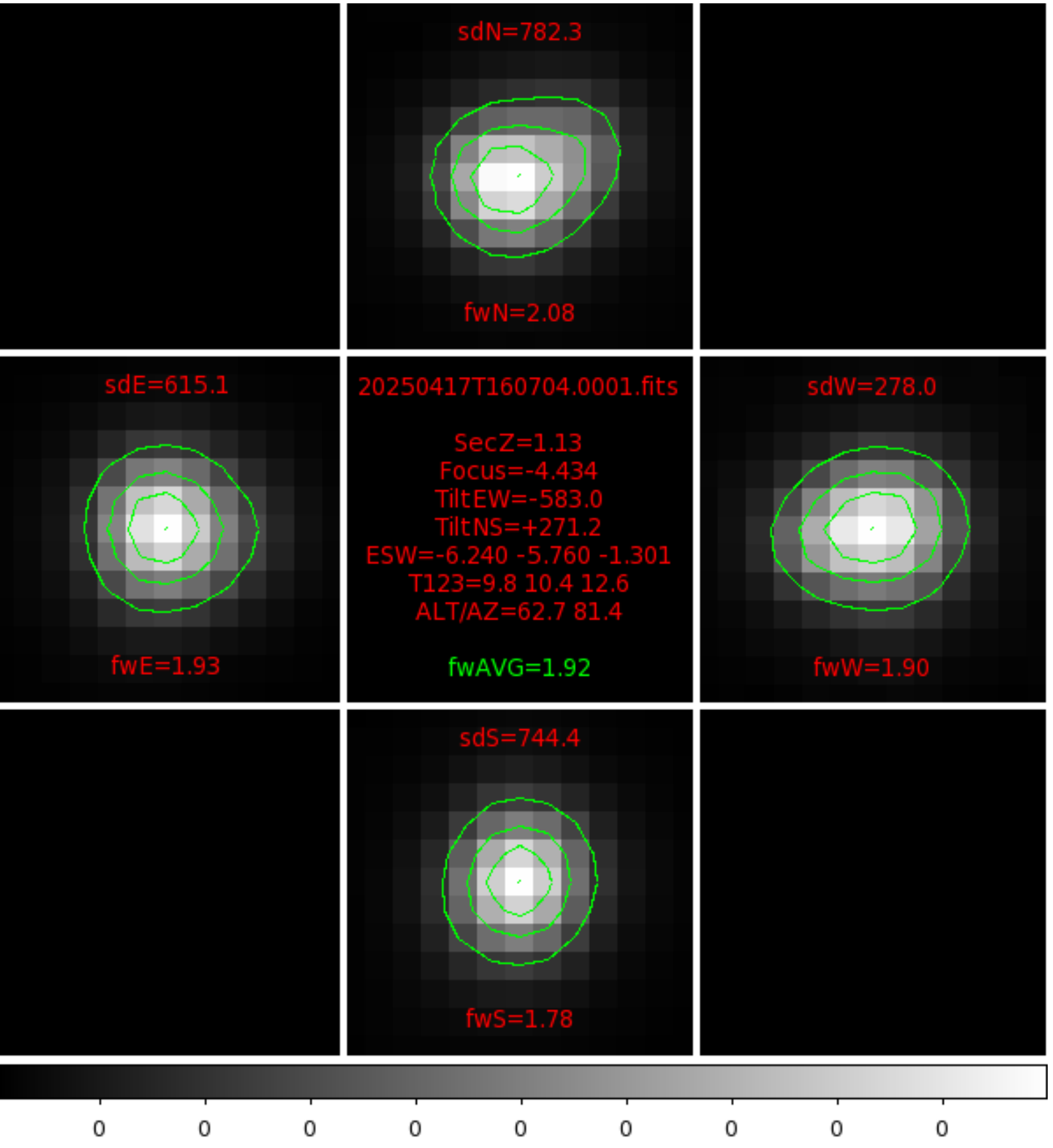
sdN=782.3
fwN=2.08
sdE=615.1
fwE=1.93
20250417T160704.0001.fits
SecZ=1.13
Focus=-4.434
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.240 -5.760 -1.301
T123=9.8 10.4 12.6
ALT/AZ=62.7 81.4
fwAVG=1.92
sdW=278.0
fwW=1.90
sdS=744.4
fwS=1.78
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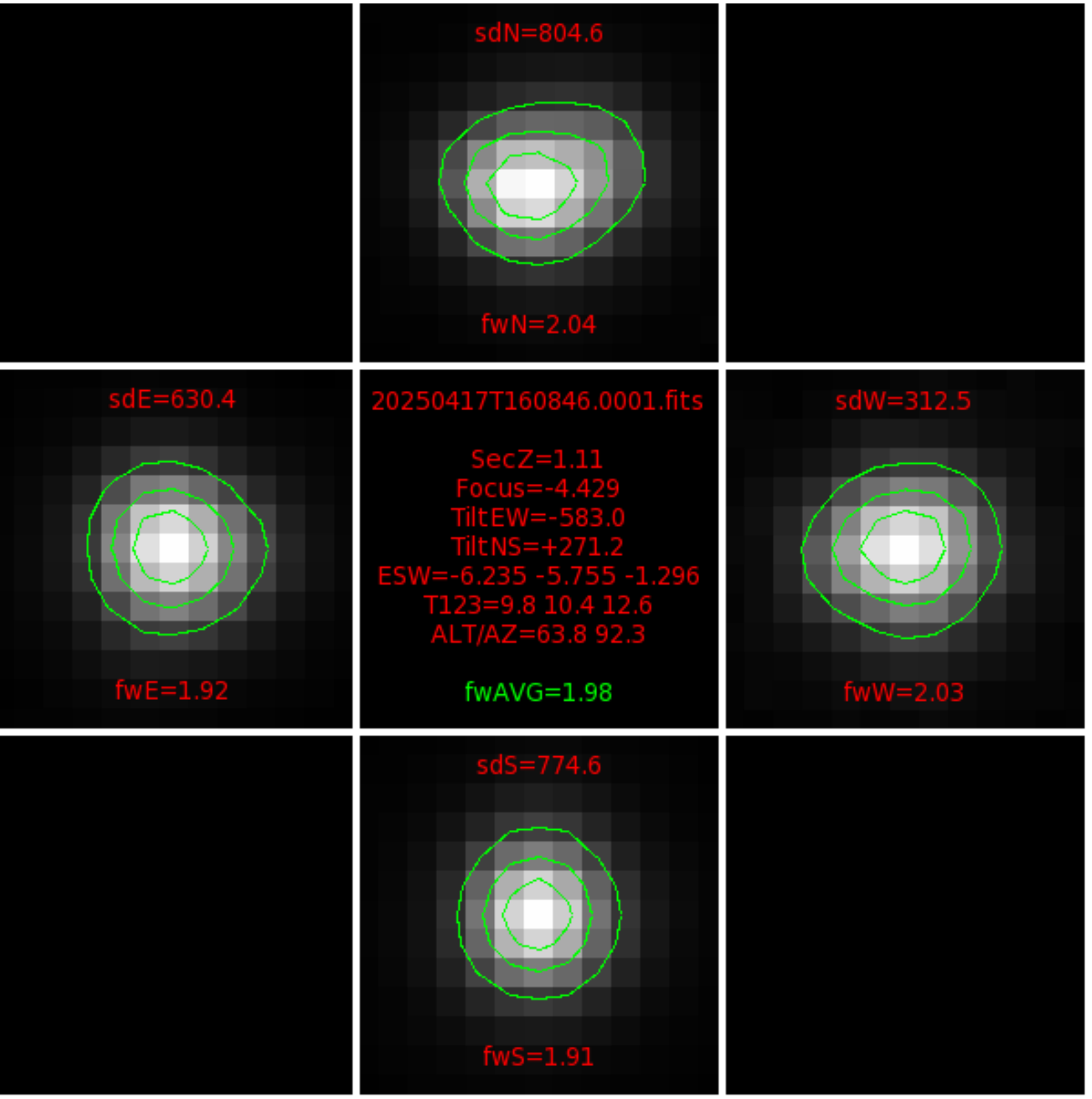
sdN=804.6
fwN=2.04
sdE=630.4
fwE=1.92
20250417T160846.0001.fits
SecZ=1.11
Focus=-4.429
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.235 -5.755 -1.296
T123=9.8 10.4 12.6
ALT/AZ=63.8 92.3
fwAVG=1.98
sdW=312.5
fwW=2.03
sdS=774.6
fwS=1.91
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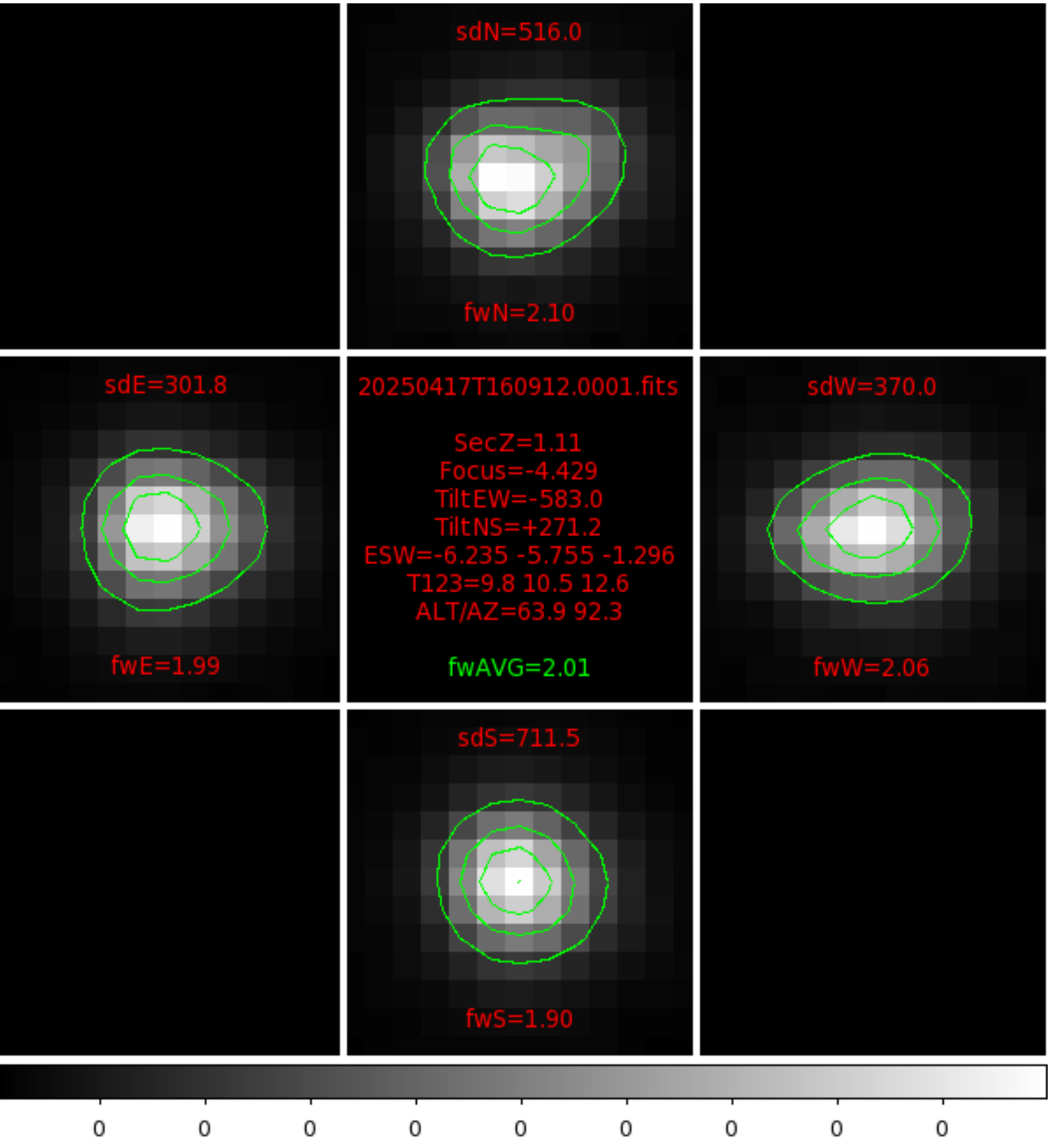
sdN=516.0
fwN=2.10
sdE=301.8
fwE=1.99
20250417T160912.0001.fits
SecZ=1.11
Focus=-4.429
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.235 -5.755 -1.296
T123=9.8 10.5 12.6
ALT/AZ=63.9 92.3
fwAVG=2.01
sdW=370.0
fwW=2.06
sdS=711.5
fwS=1.90
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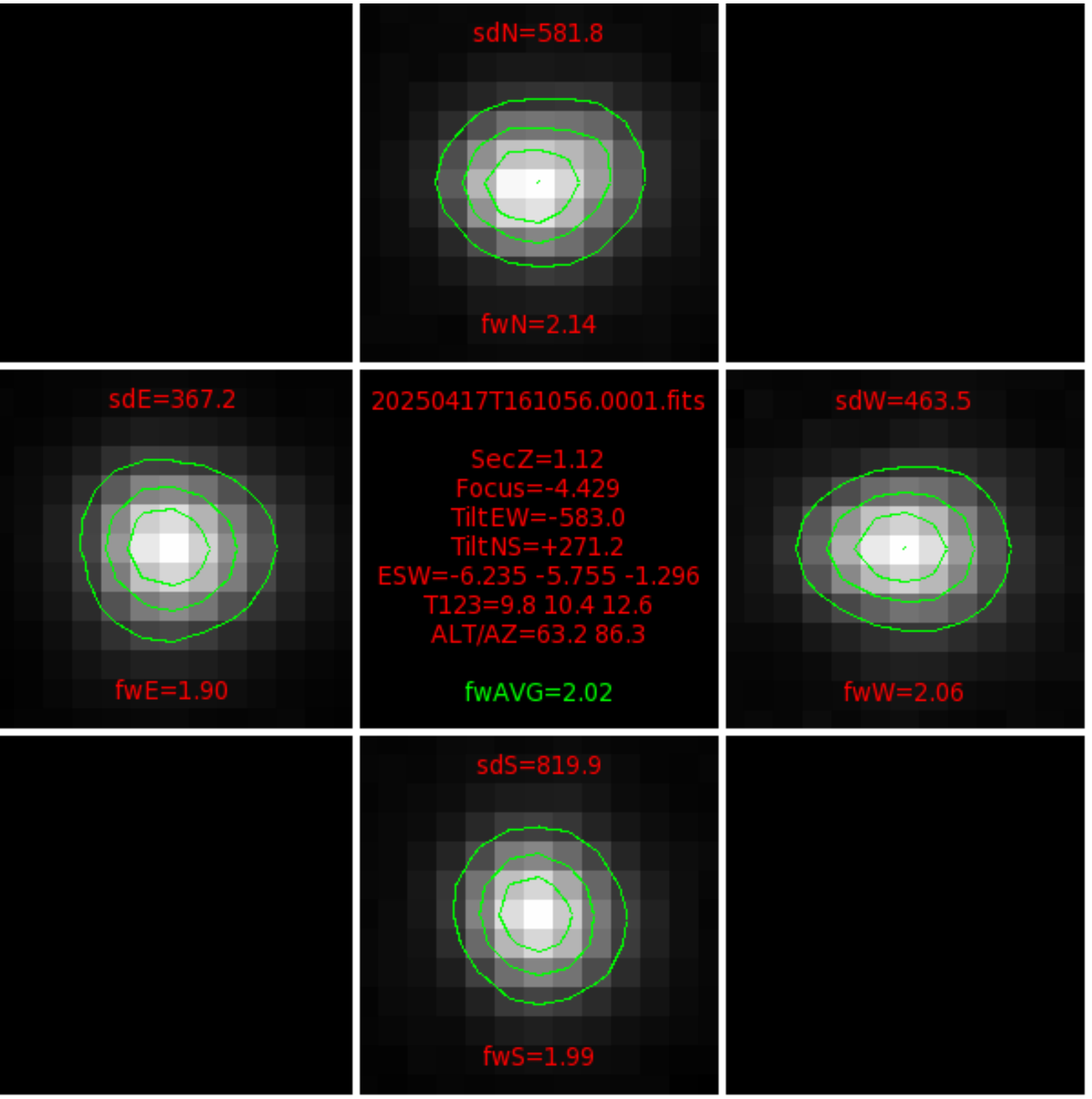
sdN=581.8
fwN=2.14
sdE=367.2
fwE=1.90
20250417T161056.0001.fits
SecZ=1.12
Focus=-4.429
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.235 -5.755 -1.296
T123=9.8 10.4 12.6
ALT/AZ=63.2 86.3
fwAVG=2.02
sdW=463.5
fwW=2.06
sdS=819.9
fwS=1.99
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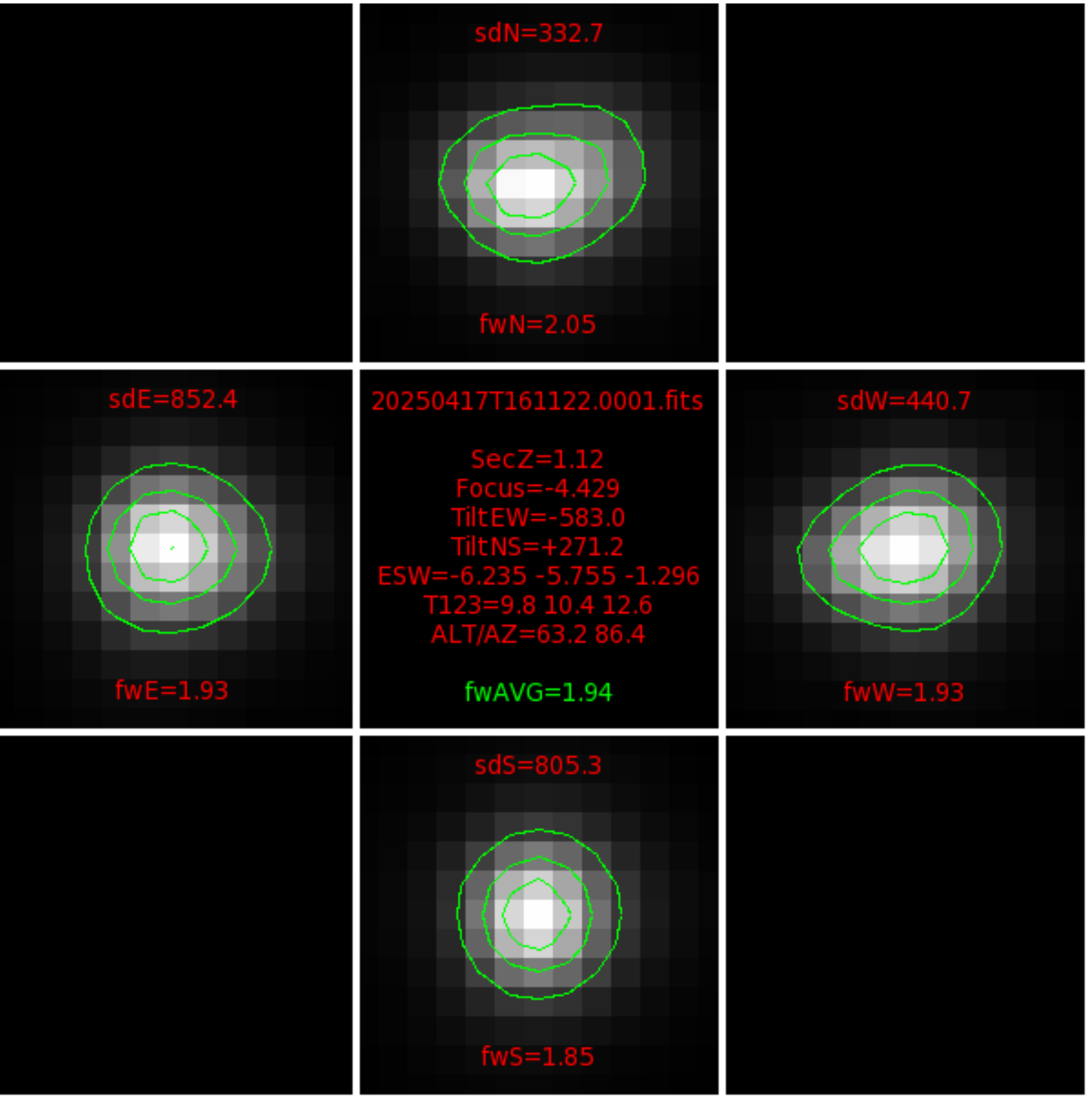
sdN=332.7
fwN=2.05
sdE=852.4
fwE=1.93
20250417T161122.0001.fits
SecZ=1.12
Focus=-4.429
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.235 -5.755 -1.296
T123=9.8 10.4 12.6
ALT/AZ=63.2 86.4
fwAVG=1.94
sdW=440.7
fwW=1.93
sdS=805.3
fwS=1.85
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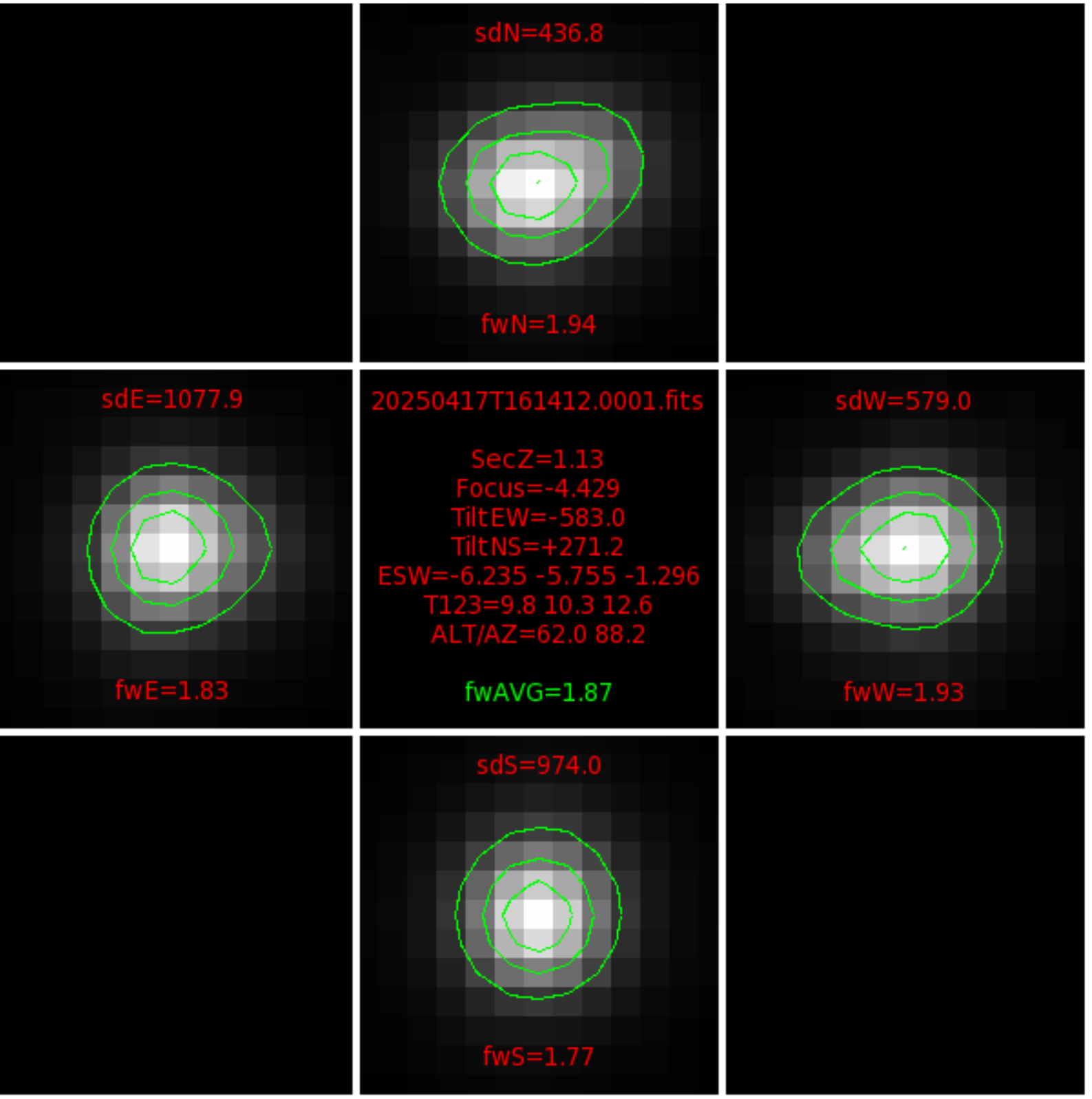
sdN=436.8
fwN=1.94
sdE=1077.9
fwE=1.83
20250417T161412.0001.fits
SecZ=1.13
Focus=-4.429
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.235 -5.755 -1.296
T123=9.8 10.3 12.6
ALT/AZ=62.0 88.2
fwAVG=1.87
sdW=579.0
fwW=1.93
sdS=974.0
fwS=1.77
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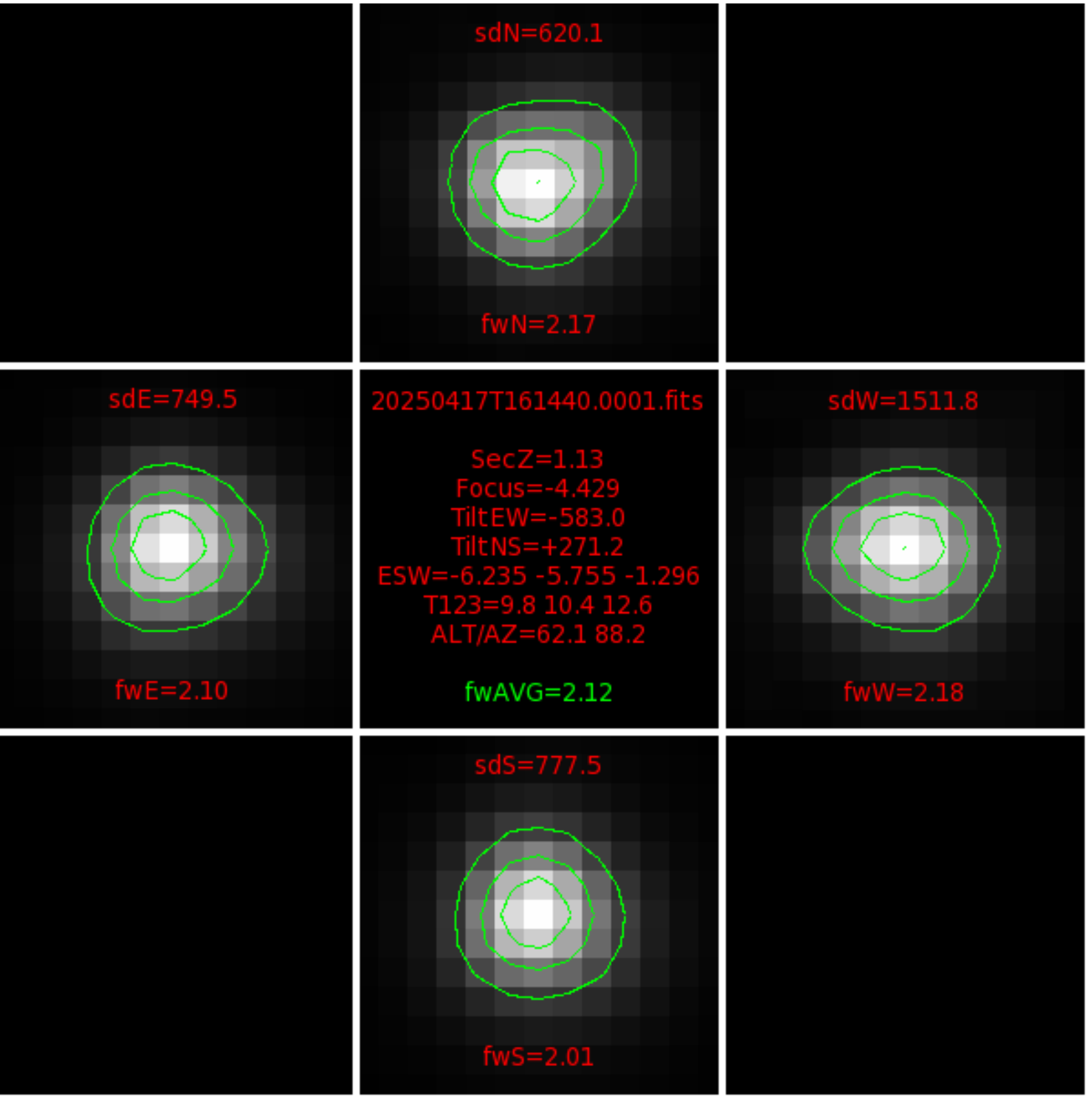
sdN=620.1
fwN=2.17
sdE=749.5
fwE=2.10
20250417T161440.0001.fits
SecZ=1.13
Focus=-4.429
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.235 -5.755 -1.296
T123=9.8 10.4 12.6
ALT/AZ=62.1 88.2
fwAVG=2.12
sdW=1511.8
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sdS=777.5
fwS=2.01
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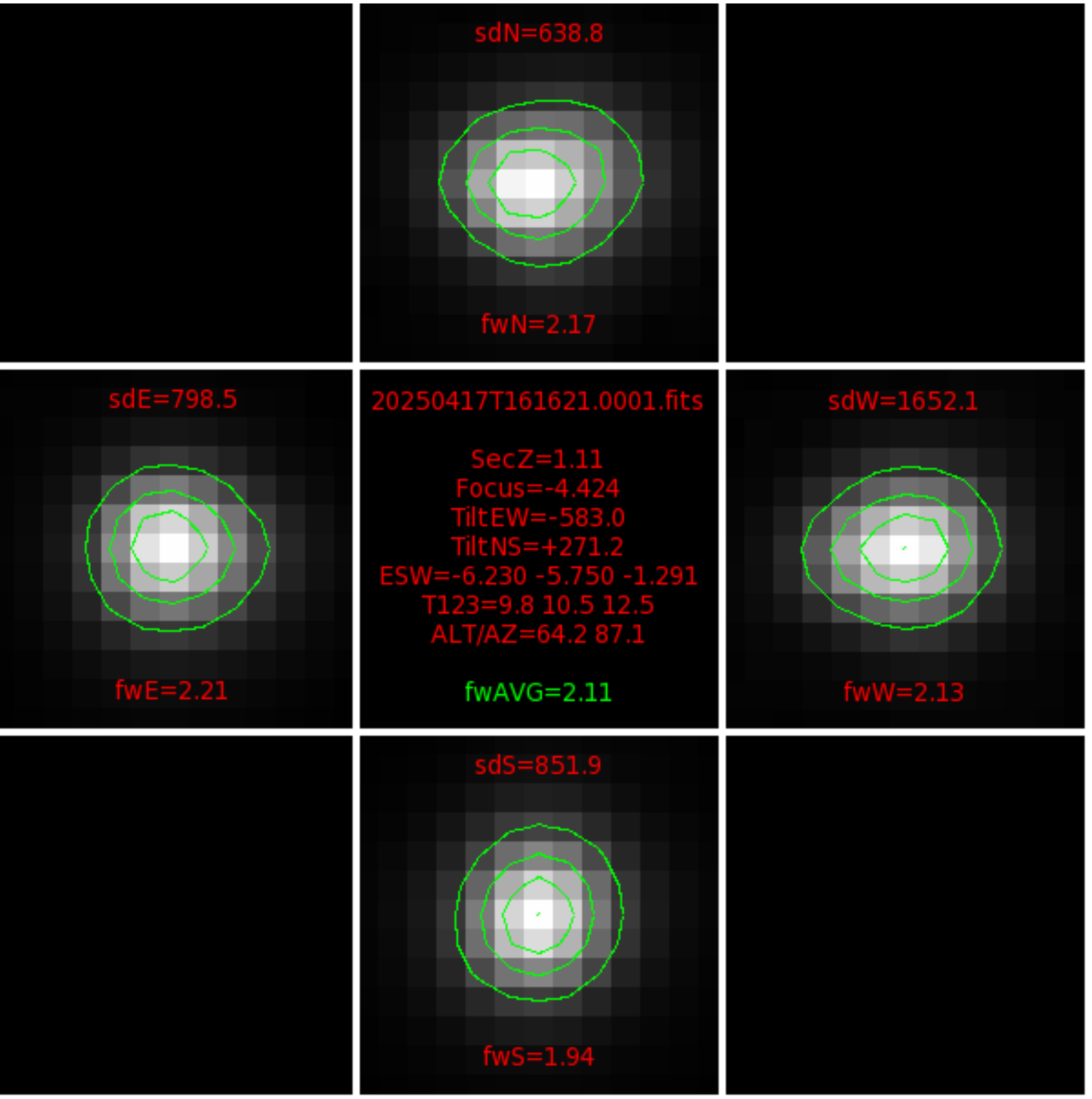
sdN=638.8
fwN=2.17
sdE=798.5
fwE=2.21
20250417T161621.0001.fits
SecZ=1.11
Focus=-4.424
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.230 -5.750 -1.291
T123=9.8 10.5 12.5
ALT/AZ=64.2 87.1
fwAVG=2.11
sdW=1652.1
fwW=2.13
sdS=851.9
fwS=1.94
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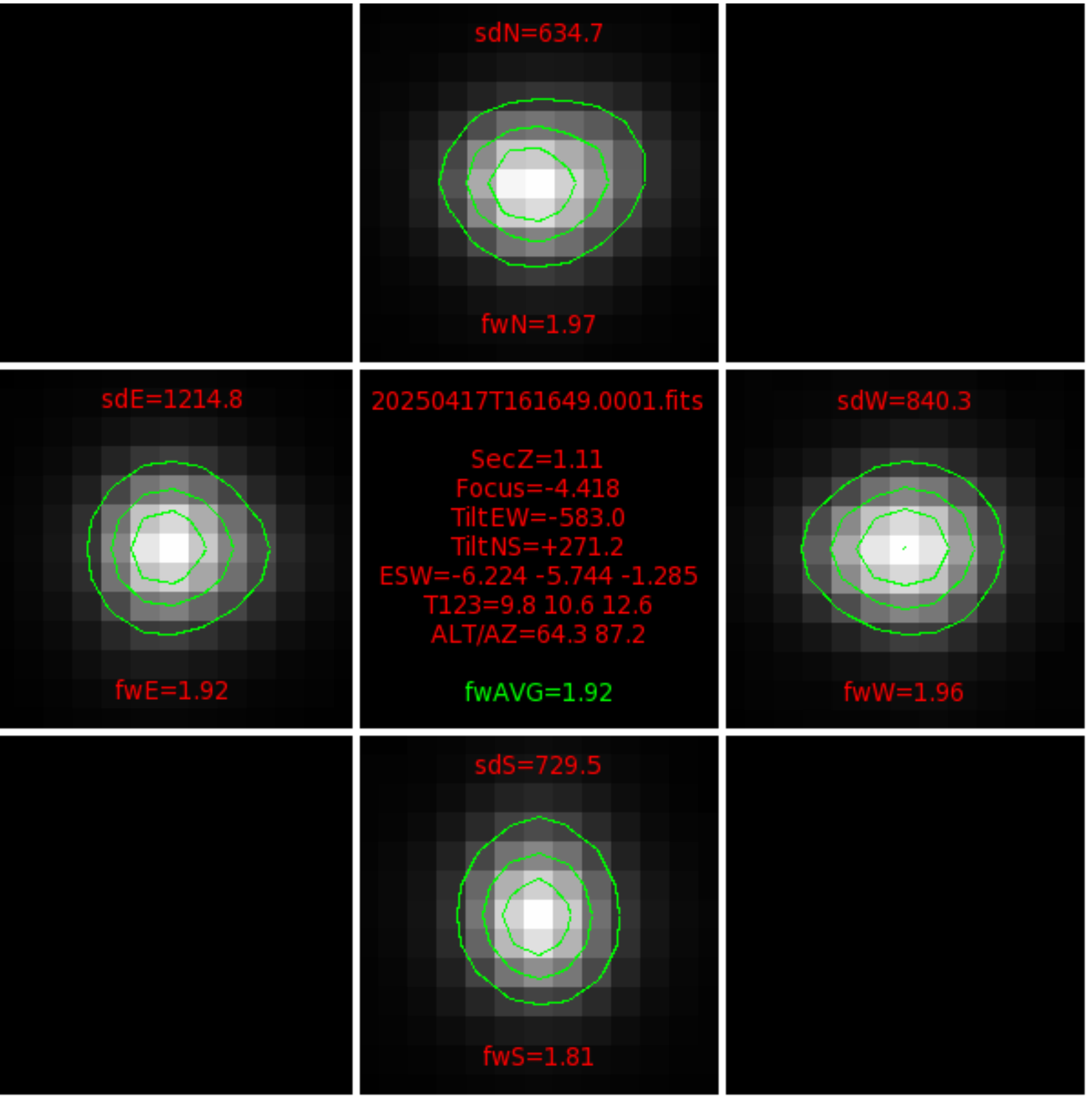
sdN=634.7
fwN=1.97
sdE=1214.8
fwE=1.92
20250417T161649.0001.fits
SecZ=1.11
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.8 10.6 12.6
ALT/AZ=64.3 87.2
fwAVG=1.92
sdW=840.3
fwW=1.96
sdS=729.5
fwS=1.81
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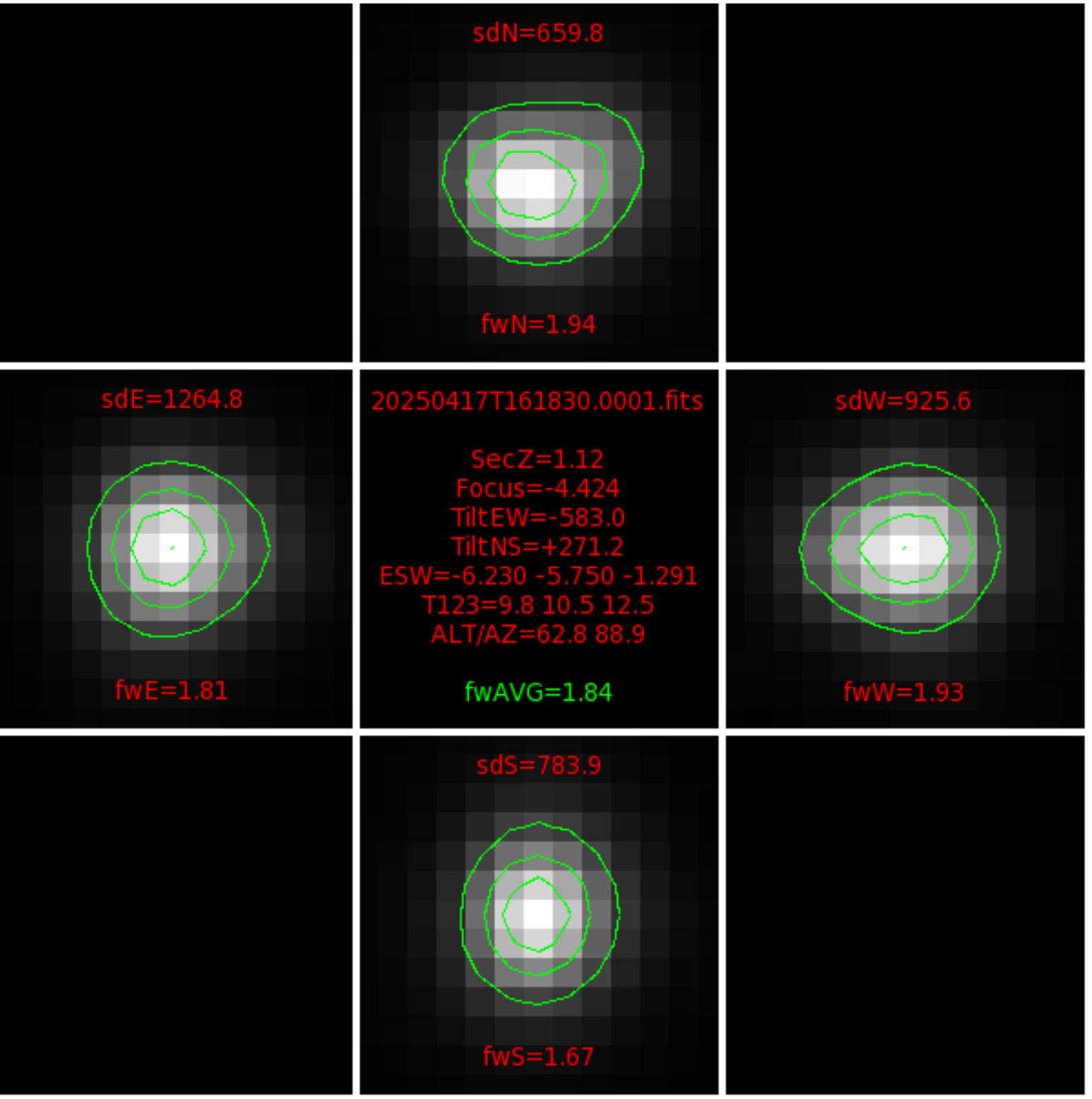
sdN=659.8
fwN=1.94
sdE=1264.8
fwE=1.81
20250417T161830.0001.fits
SecZ=1.12
Focus=-4.424
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.230 -5.750 -1.291
T123=9.8 10.5 12.5
ALT/AZ=62.8 88.9
fwAVG=1.84
sdW=925.6
fwW=1.93
sdS=783.9
fwS=1.67
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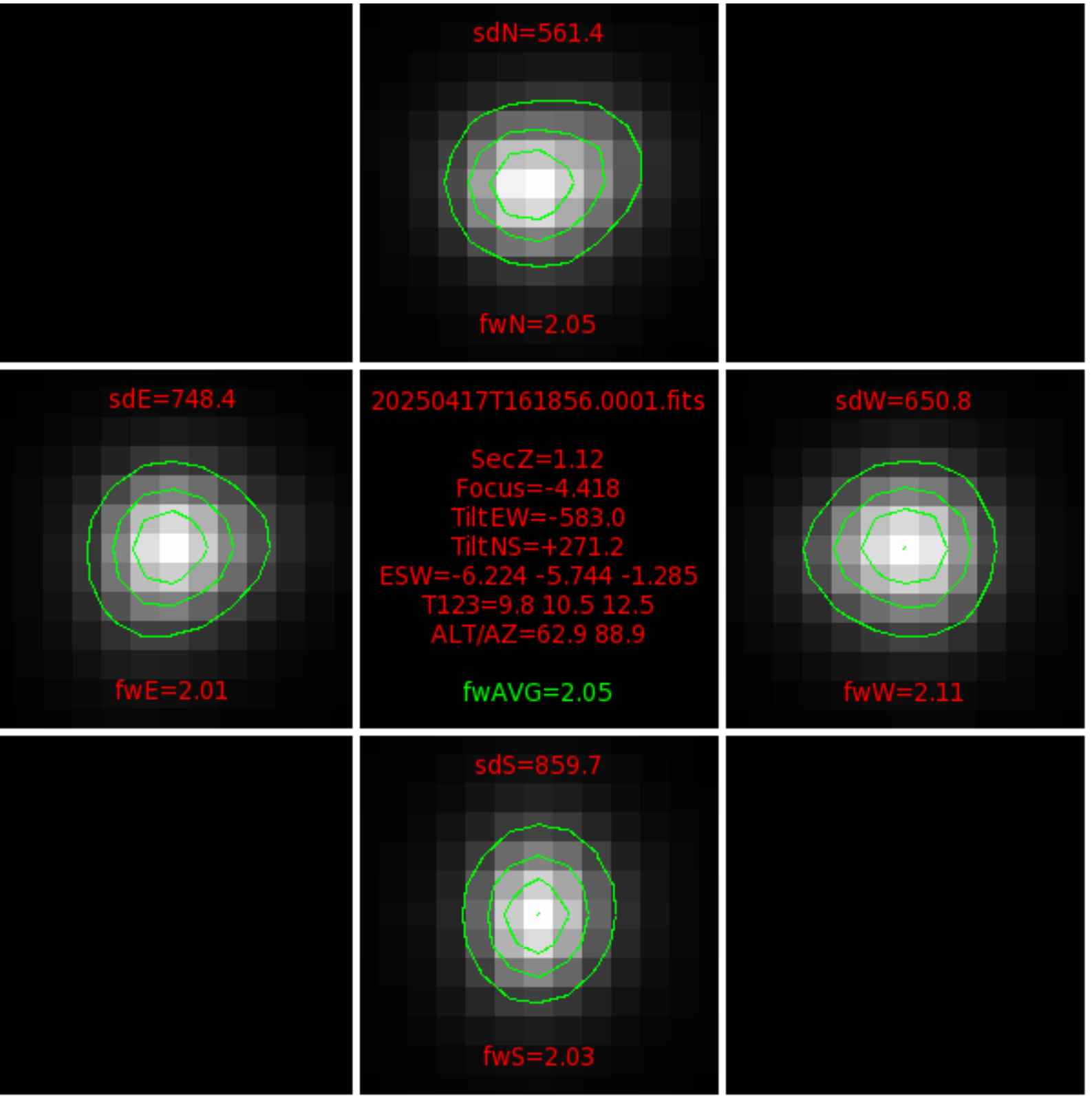
sdN=561.4
fwN=2.05
sdE=748.4
fwE=2.01
20250417T161856.0001.fits
SecZ=1.12
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.8 10.5 12.5
ALT/AZ=62.9 88.9
fwAVG=2.05
sdW=650.8
fwW=2.11
sdS=859.7
fwS=2.03
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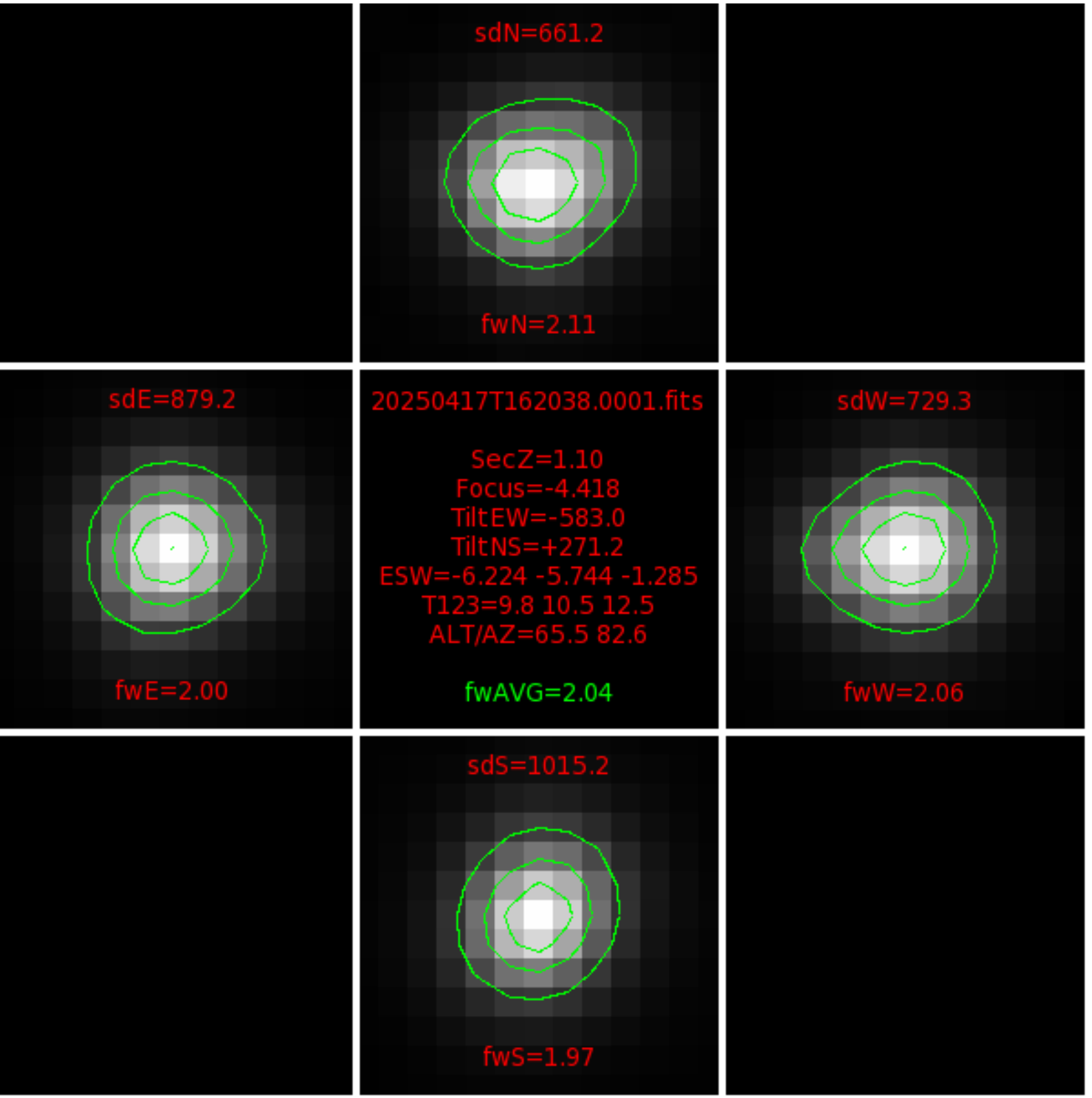
sdN=661.2
fwN=2.11
sdE=879.2
fwE=2.00
20250417T162038.0001.fits
SecZ=1.10
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.8 10.5 12.5
ALT/AZ=65.5 82.6
fwAVG=2.04
sdW=729.3
fwW=2.06
sdS=1015.2
fwS=1.97
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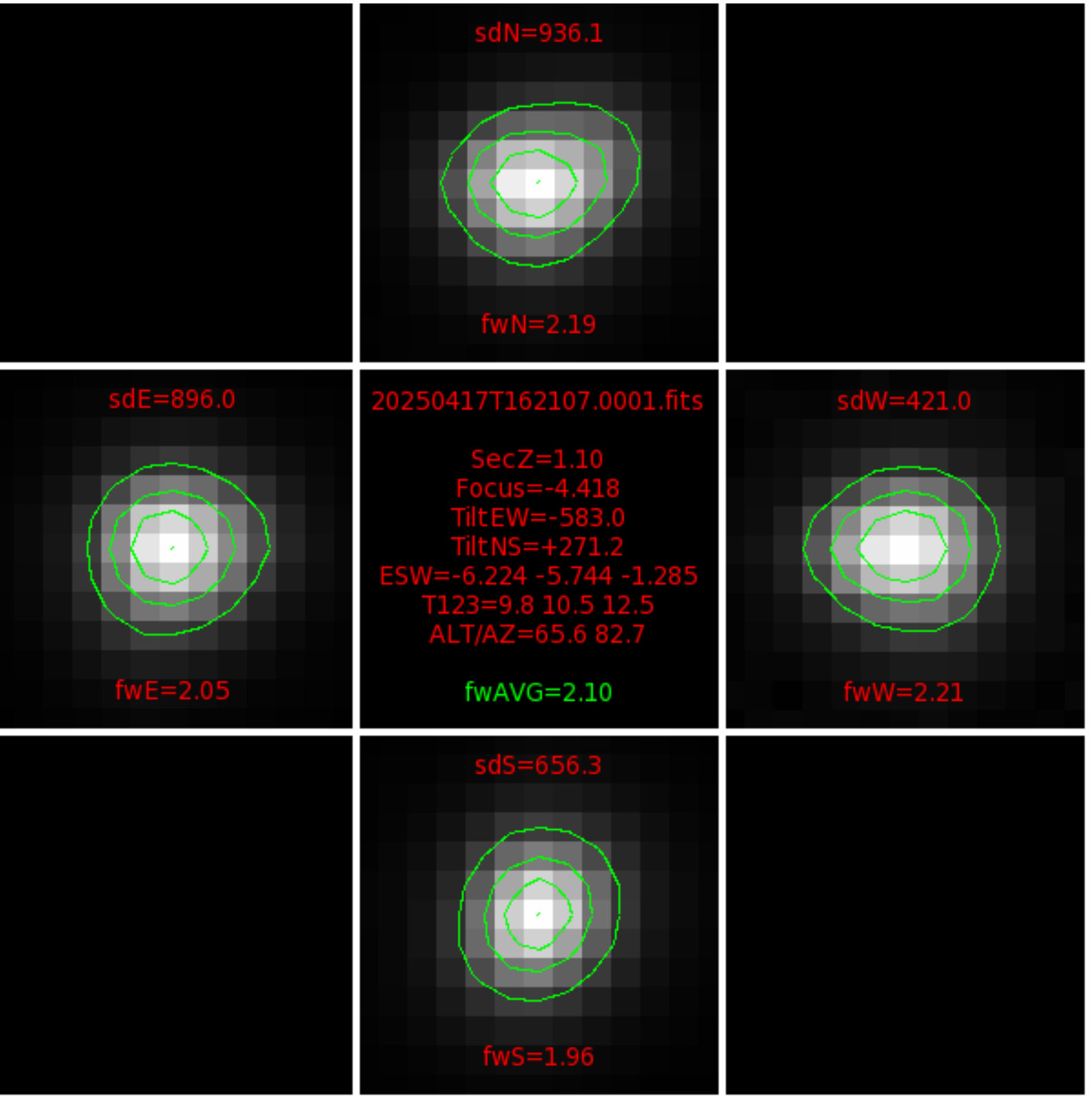
sdN=936.1
fwN=2.19
sdE=896.0
fwE=2.05
20250417T162107.0001.fits
SecZ=1.10
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.8 10.5 12.5
ALT/AZ=65.6 82.7
fwAVG=2.10
sdW=421.0
fwW=2.21
sdS=656.3
fwS=1.96
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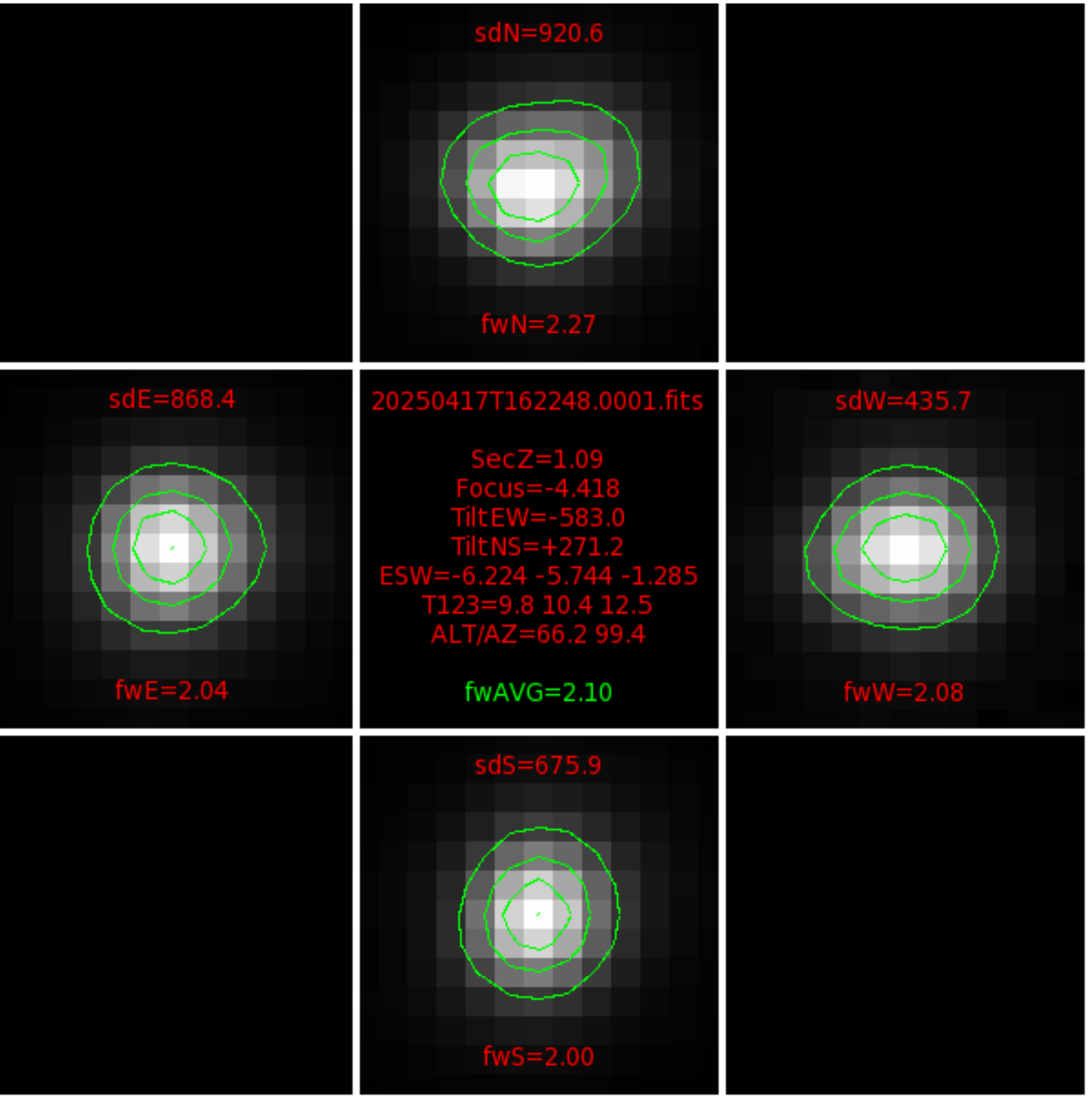
sdN=920.6
fwN=2.27
sdE=868.4
fwE=2.04
20250417T162248.0001.fits
SecZ=1.09
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.8 10.4 12.5
ALT/AZ=66.2 99.4
fwAVG=2.10
sdW=435.7
fwW=2.08
sdS=675.9
fwS=2.00
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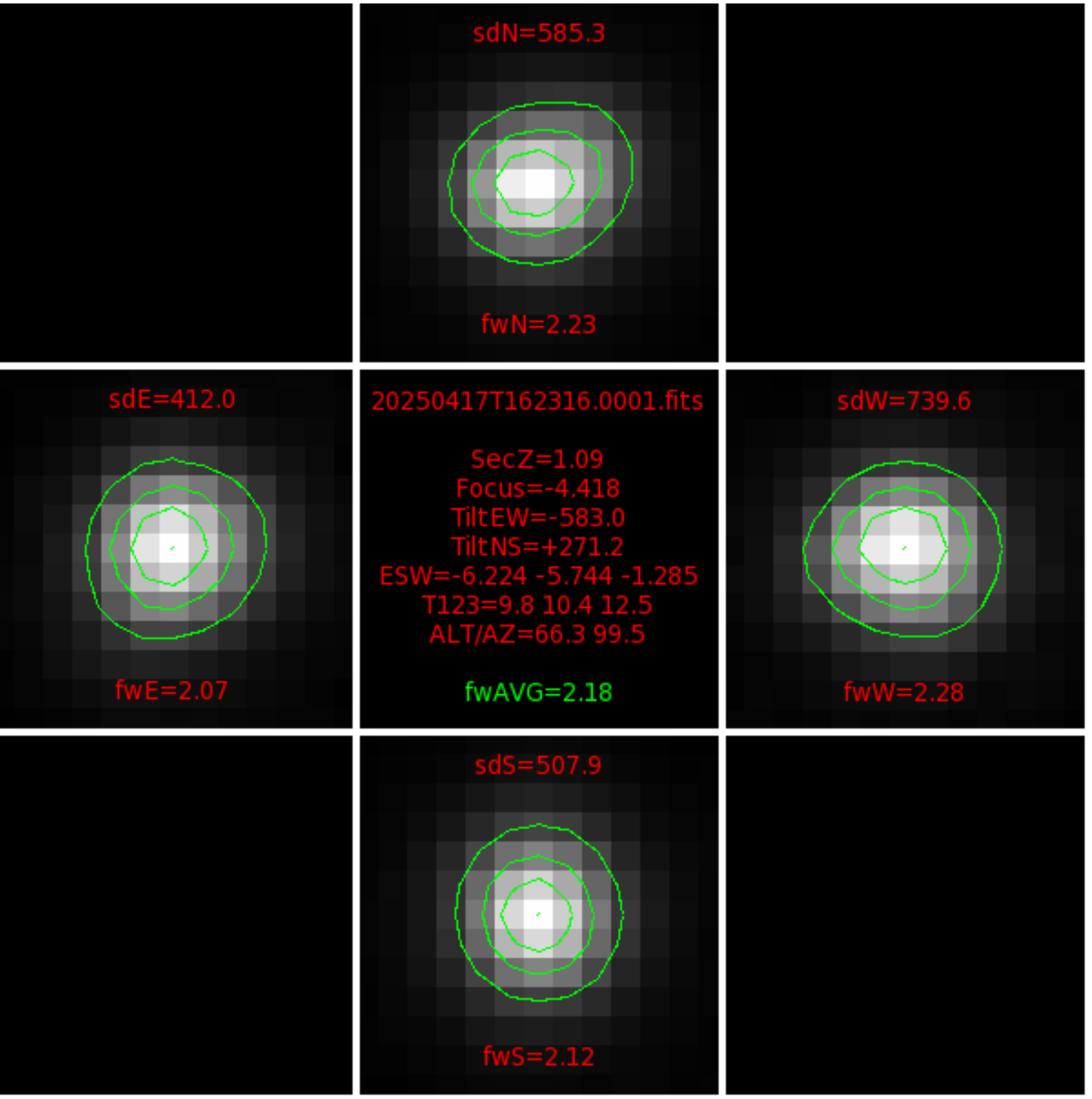
sdN=585.3
fwN=2.23
sdE=412.0
fwE=2.07
20250417T162316.0001.fits
SecZ=1.09
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.8 10.4 12.5
ALT/AZ=66.3 99.5
fwAVG=2.18
sdW=739.6
fwW=2.28
sdS=507.9
fwS=2.12
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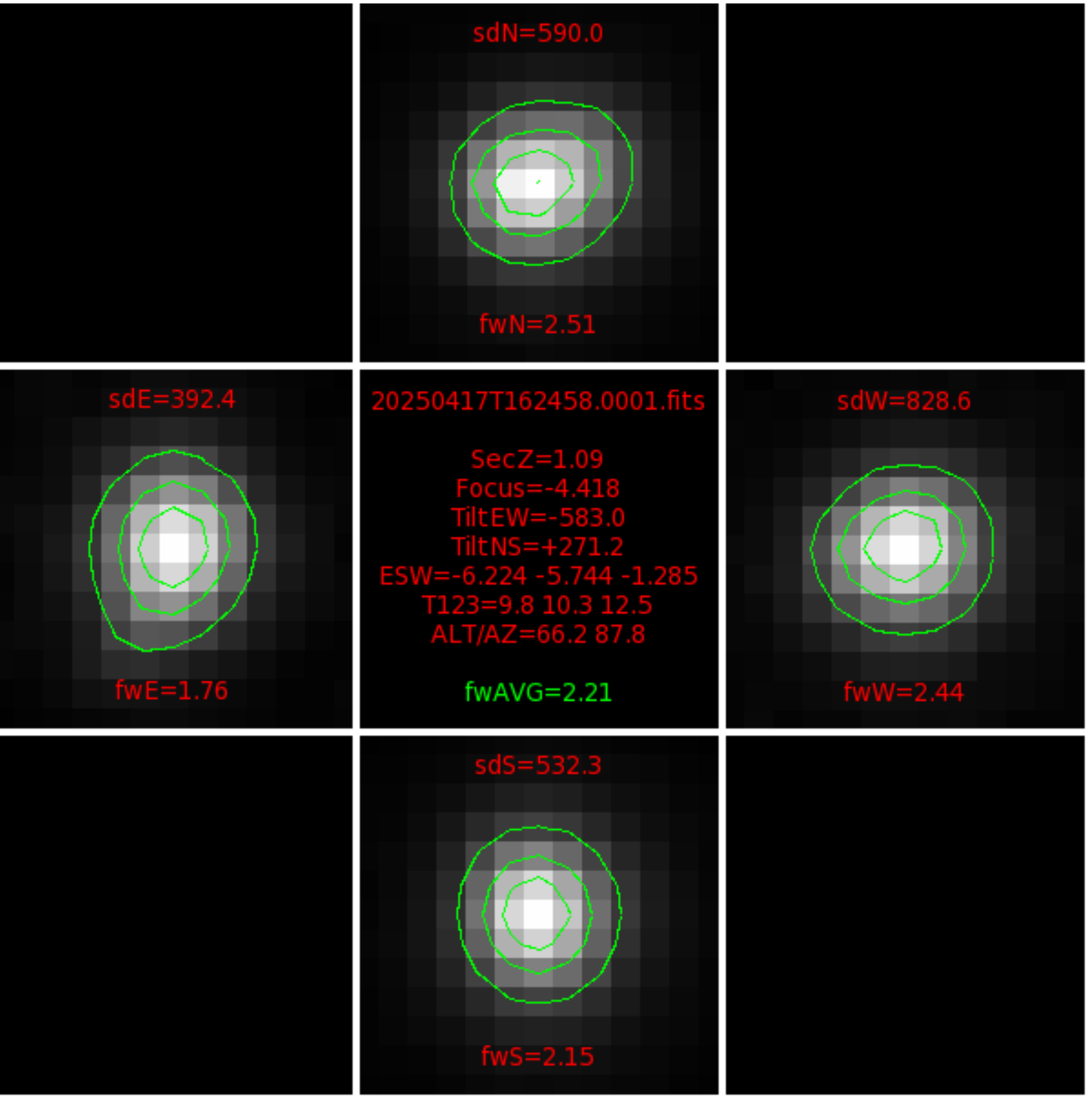
sdN=590.0
fwN=2.51
sdE=392.4
fwE=1.76
20250417T162458.0001.fits
SecZ=1.09
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.8 10.3 12.5
ALT/AZ=66.2 87.8
fwAVG=2.21
sdW=828.6
fwW=2.44
sdS=532.3
fwS=2.15
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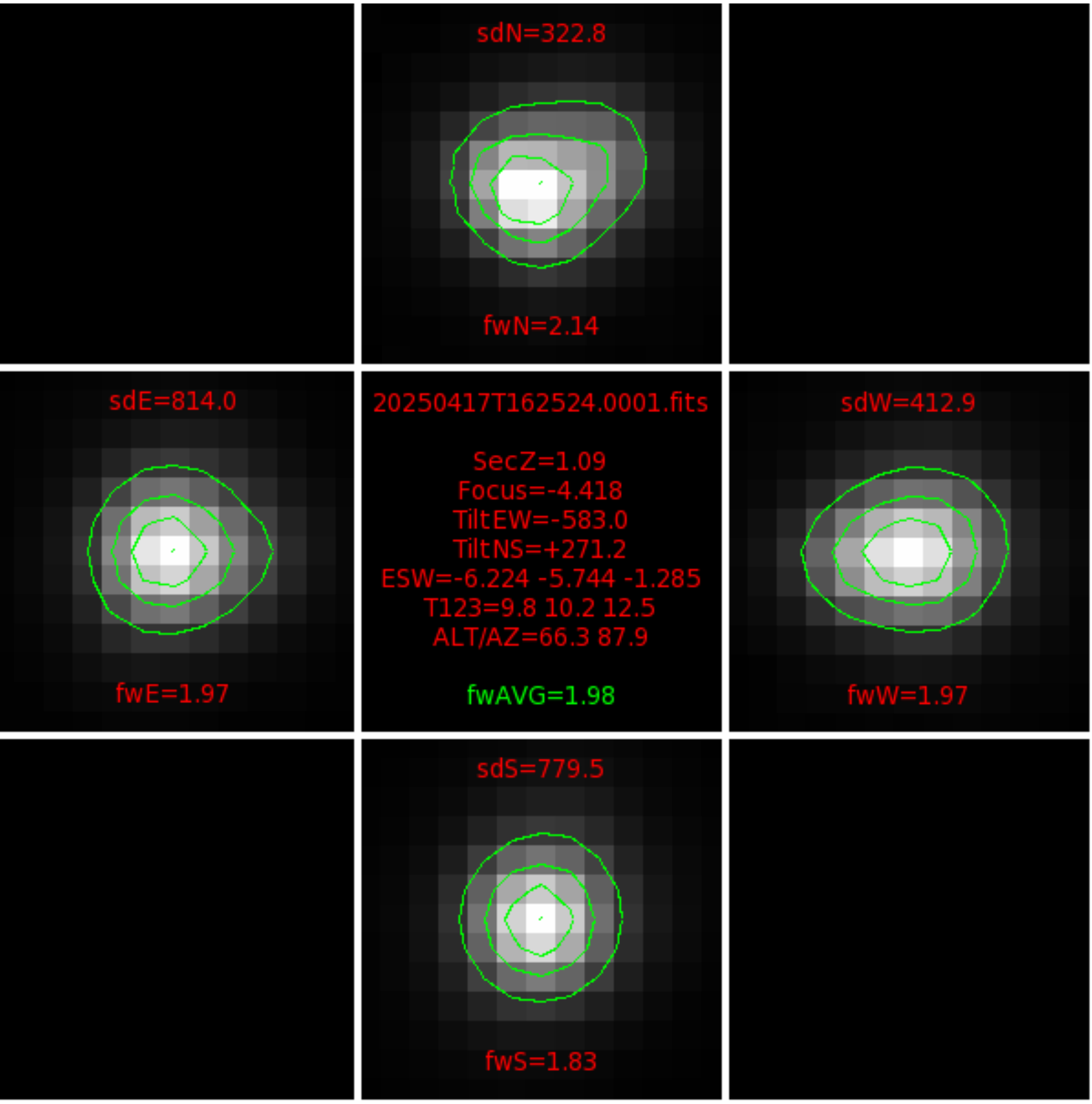
sdN=322.8
fwN=2.14
sdE=814.0
fwE=1.97
20250417T162524.0001.fits
SecZ=1.09
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.8 10.2 12.5
ALT/AZ=66.3 87.9
fwAVG=1.98
sdW=412.9
fwW=1.97
sdS=779.5
fwS=1.83
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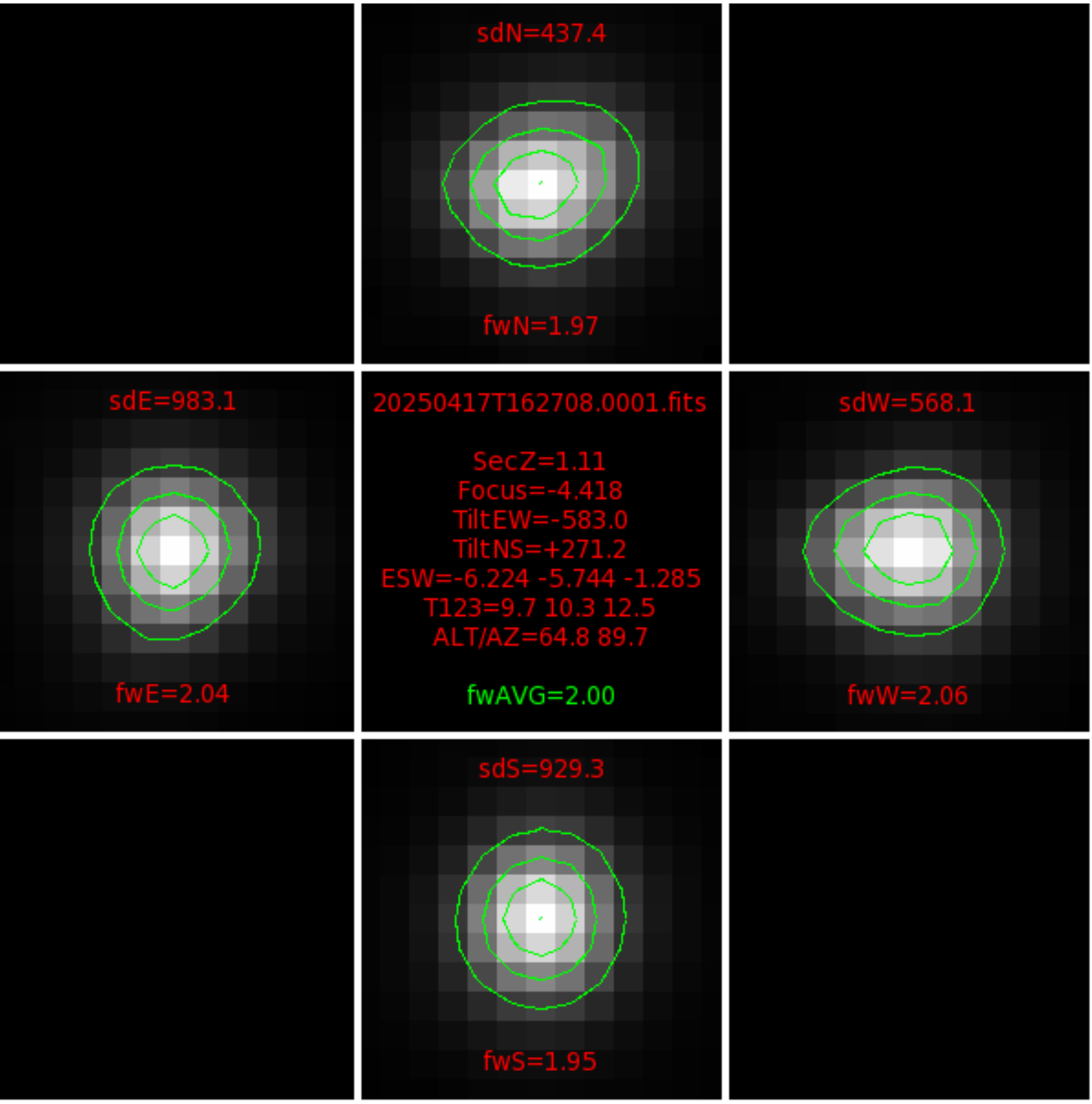
sdN=437.4
fwN=1.97
sdE=983.1
fwE=2.04
20250417T162708.0001.fits
SecZ=1.11
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.7 10.3 12.5
ALT/AZ=64.8 89.7
fwAVG=2.00
sdW=568.1
fwW=2.06
sdS=929.3
fwS=1.95
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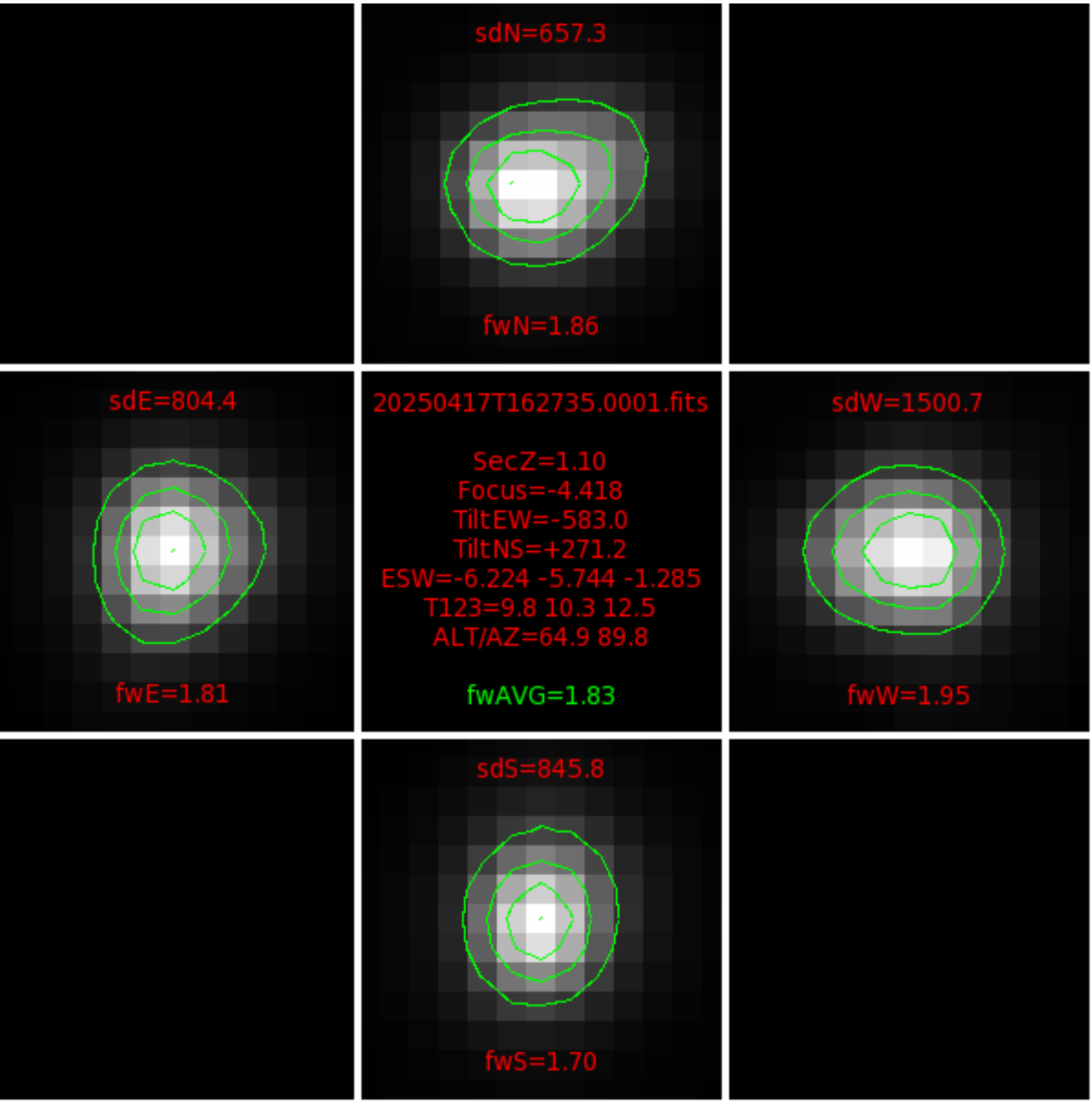
sdN=657.3
fwN=1.86
sdE=804.4
fwE=1.81
20250417T162735.0001.fits
SecZ=1.10
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.8 10.3 12.5
ALT/AZ=64.9 89.8
fwAVG=1.83
sdW=1500.7
fwW=1.95
sdS=845.8
fwS=1.70
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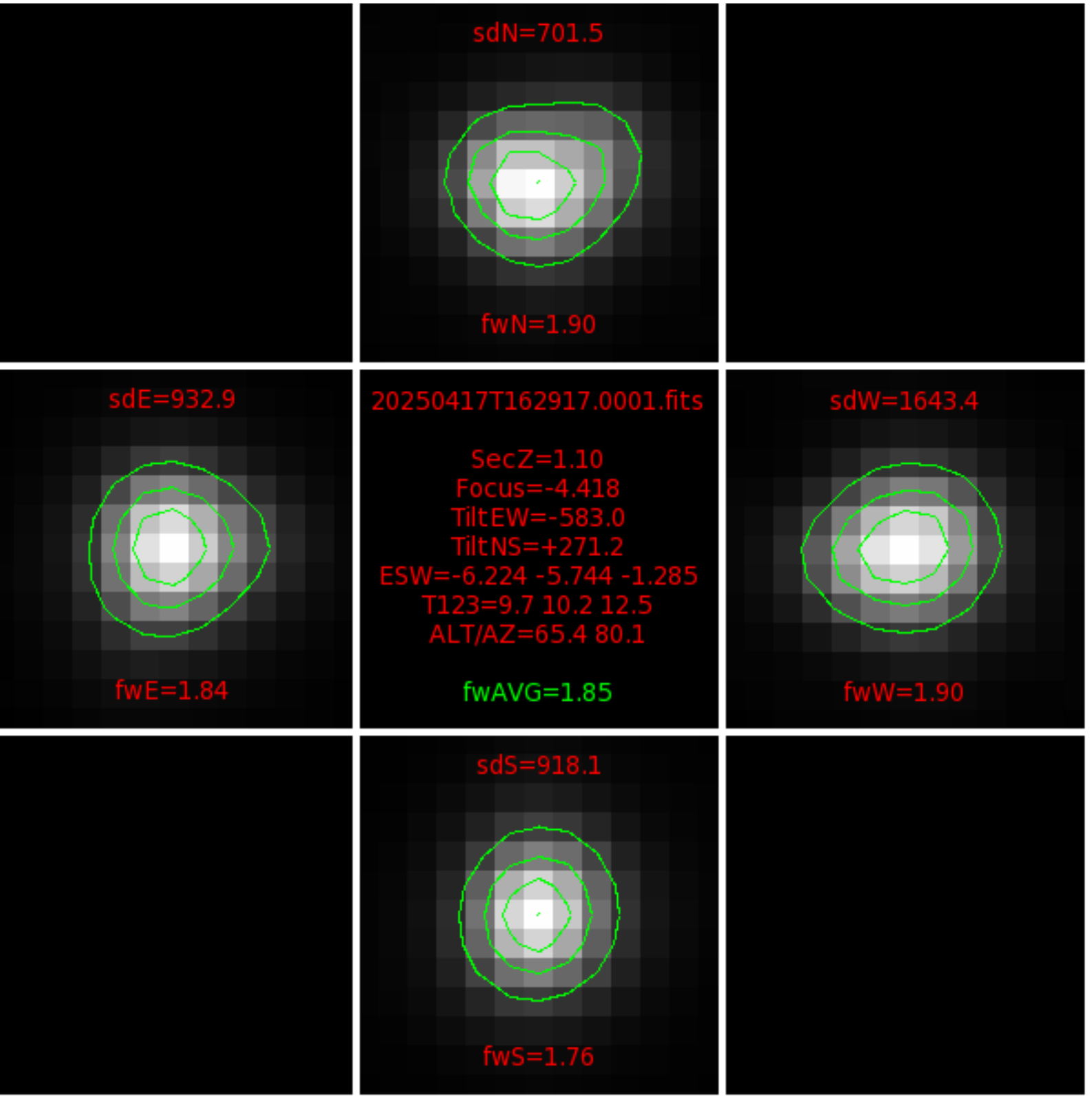
sdN=701.5
fwN=1.90
sdE=932.9
fwE=1.84
20250417T162917.0001.fits
SecZ=1.10
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.7 10.2 12.5
ALT/AZ=65.4 80.1
fwAVG=1.85
sdW=1643.4
fwW=1.90
sdS=918.1
fwS=1.76
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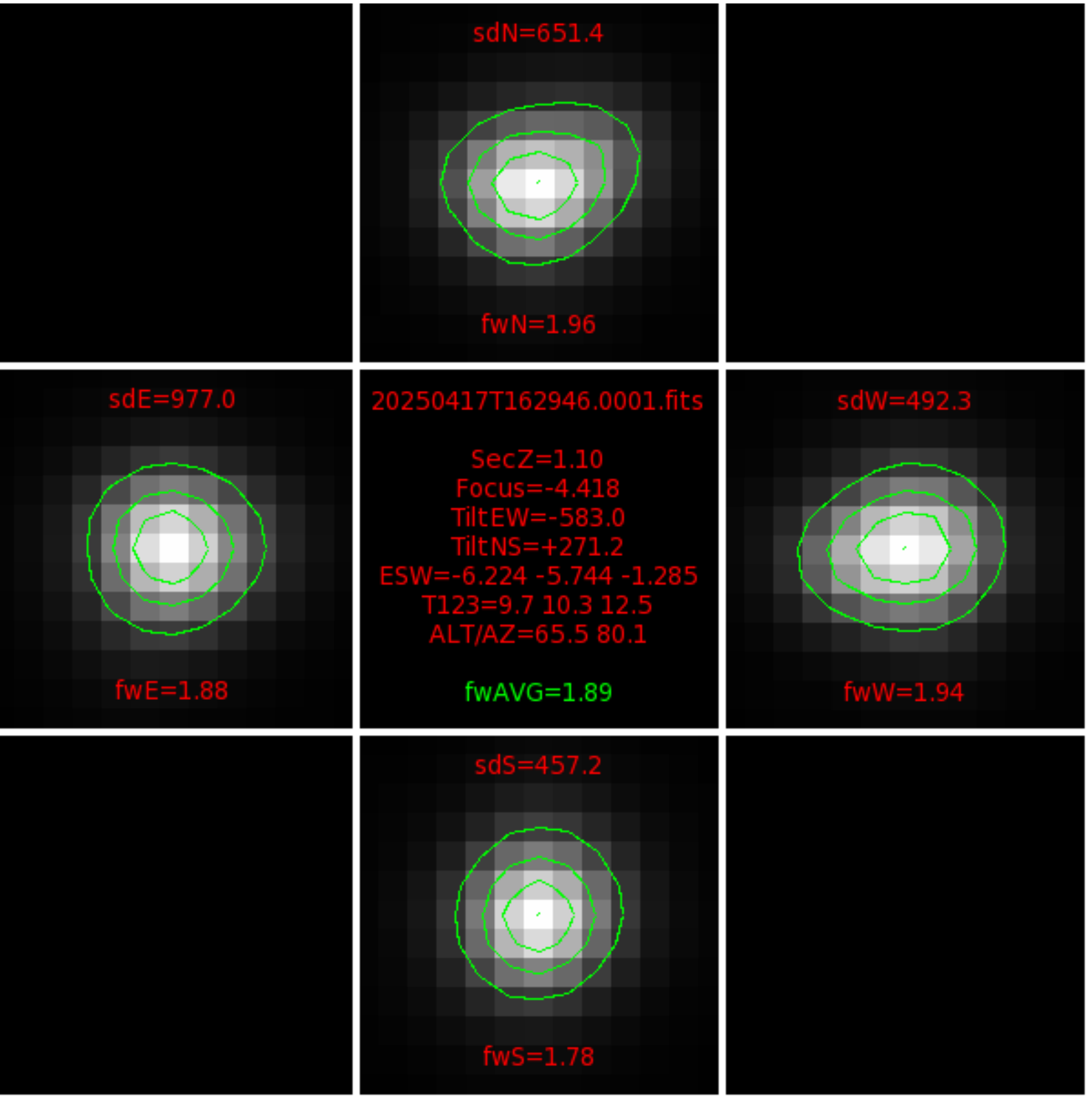
sdN=651.4
fwN=1.96
sdE=977.0
fwE=1.88
20250417T162946.0001.fits
SecZ=1.10
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.7 10.3 12.5
ALT/AZ=65.5 80.1
fwAVG=1.89
sdW=492.3
fwW=1.94
sdS=457.2
fwS=1.78
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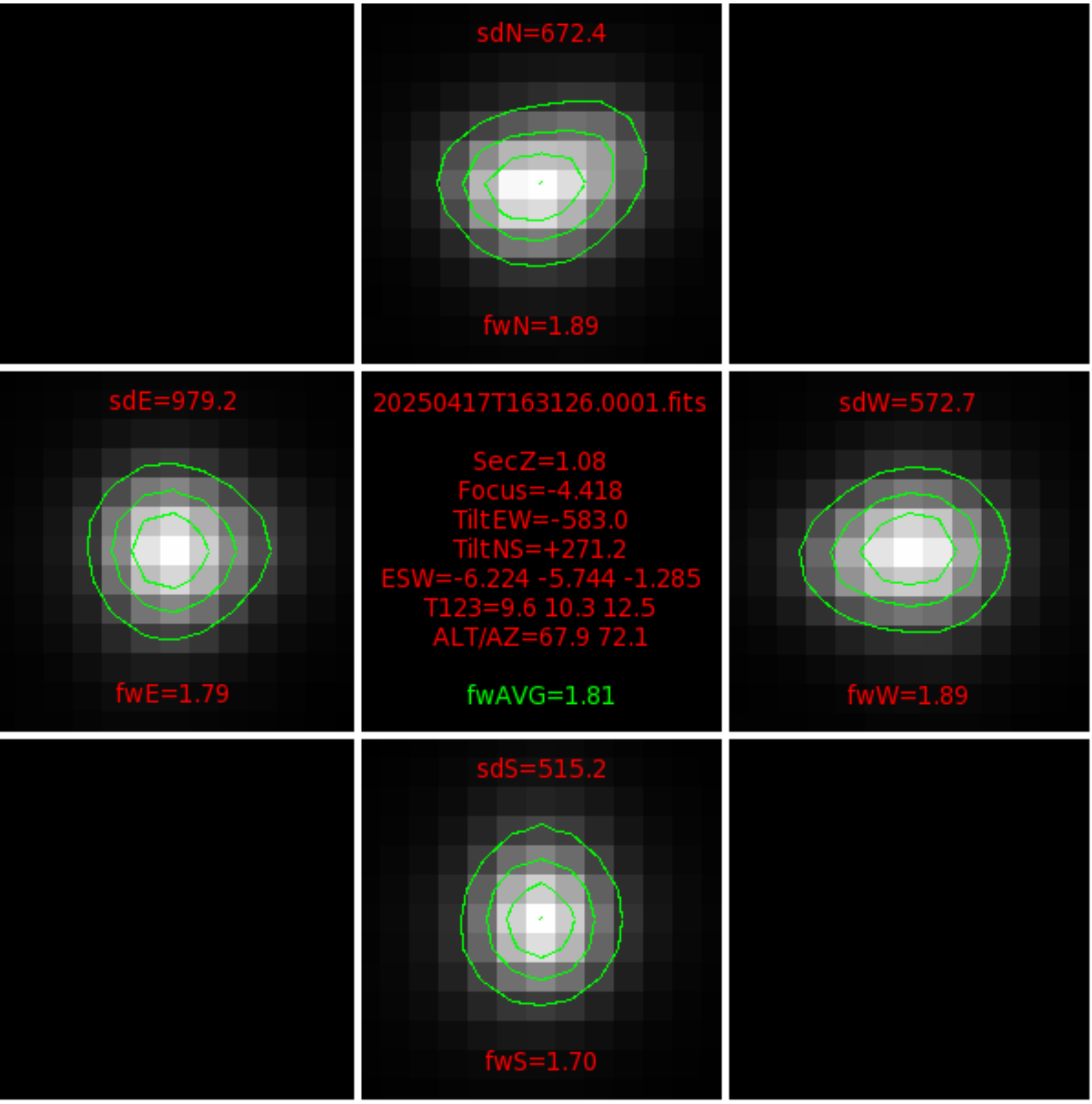
sdN=672.4
fwN=1.89
sdE=979.2
fwE=1.79
20250417T163126.0001.fits
SecZ=1.08
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.6 10.3 12.5
ALT/AZ=67.9 72.1
fwAVG=1.81
sdW=572.7
fwW=1.89
sdS=515.2
fwS=1.70
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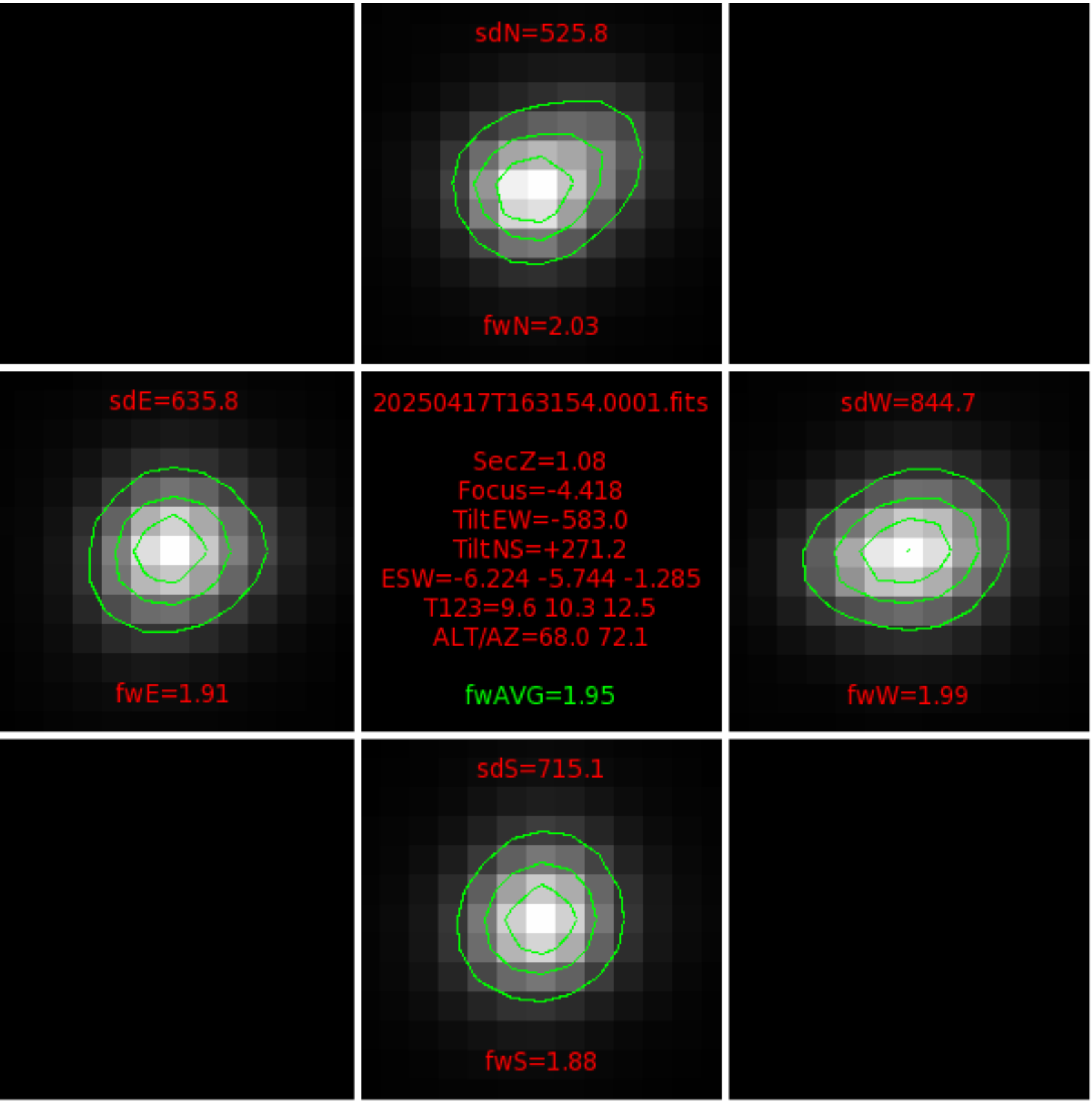
sdN=525.8
fwN=2.03
sdE=635.8
fwE=1.91
20250417T163154.0001.fits
SecZ=1.08
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.6 10.3 12.5
ALT/AZ=68.0 72.1
fwAVG=1.95
sdW=844.7
fwW=1.99
sdS=715.1
fwS=1.88
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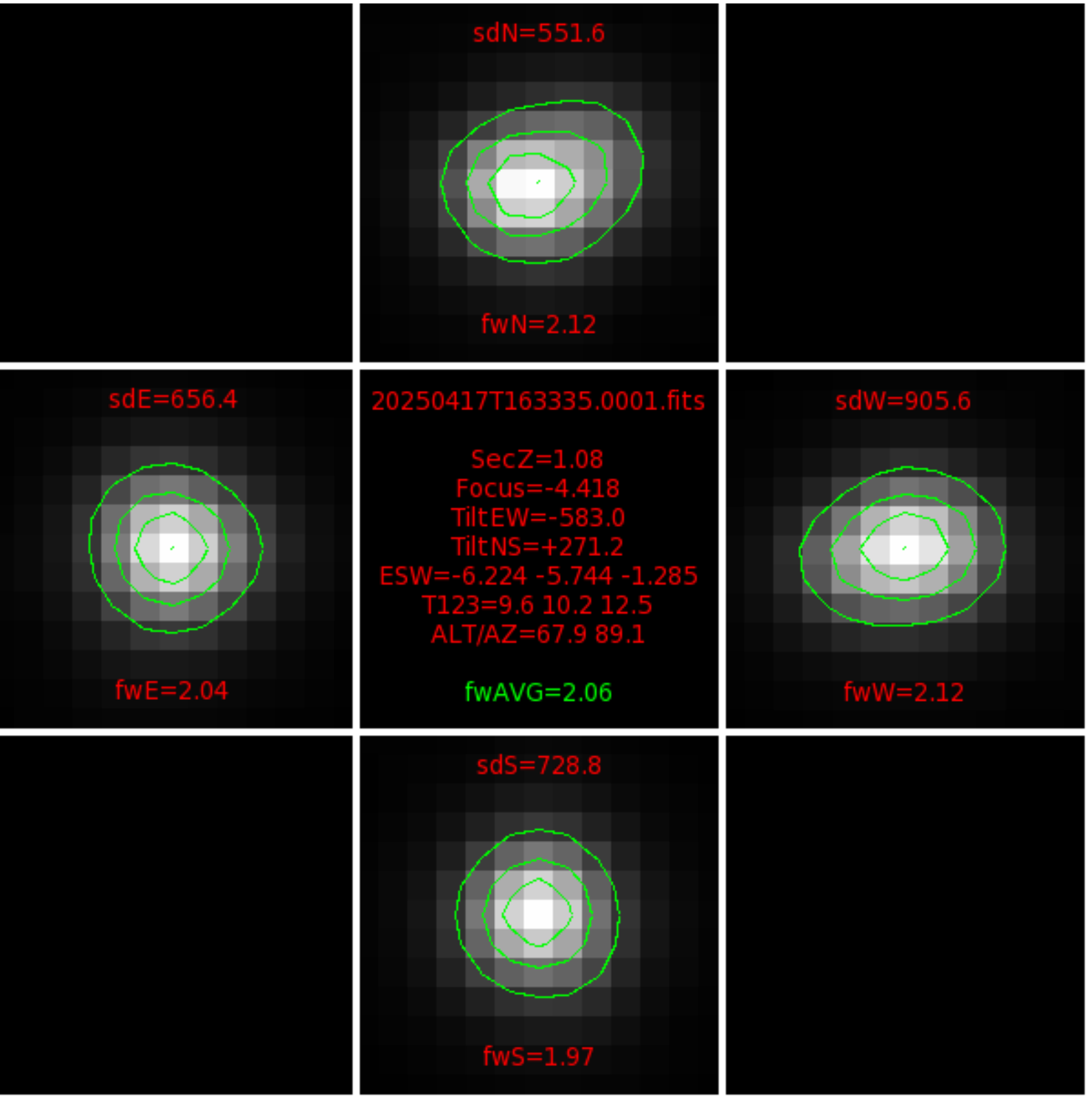
sdN=551.6
fwN=2.12
sdE=656.4
fwE=2.04
20250417T163335.0001.fits
SecZ=1.08
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.6 10.2 12.5
ALT/AZ=67.9 89.1
fwAVG=2.06
sdW=905.6
fwW=2.12
sdS=728.8
fwS=1.97
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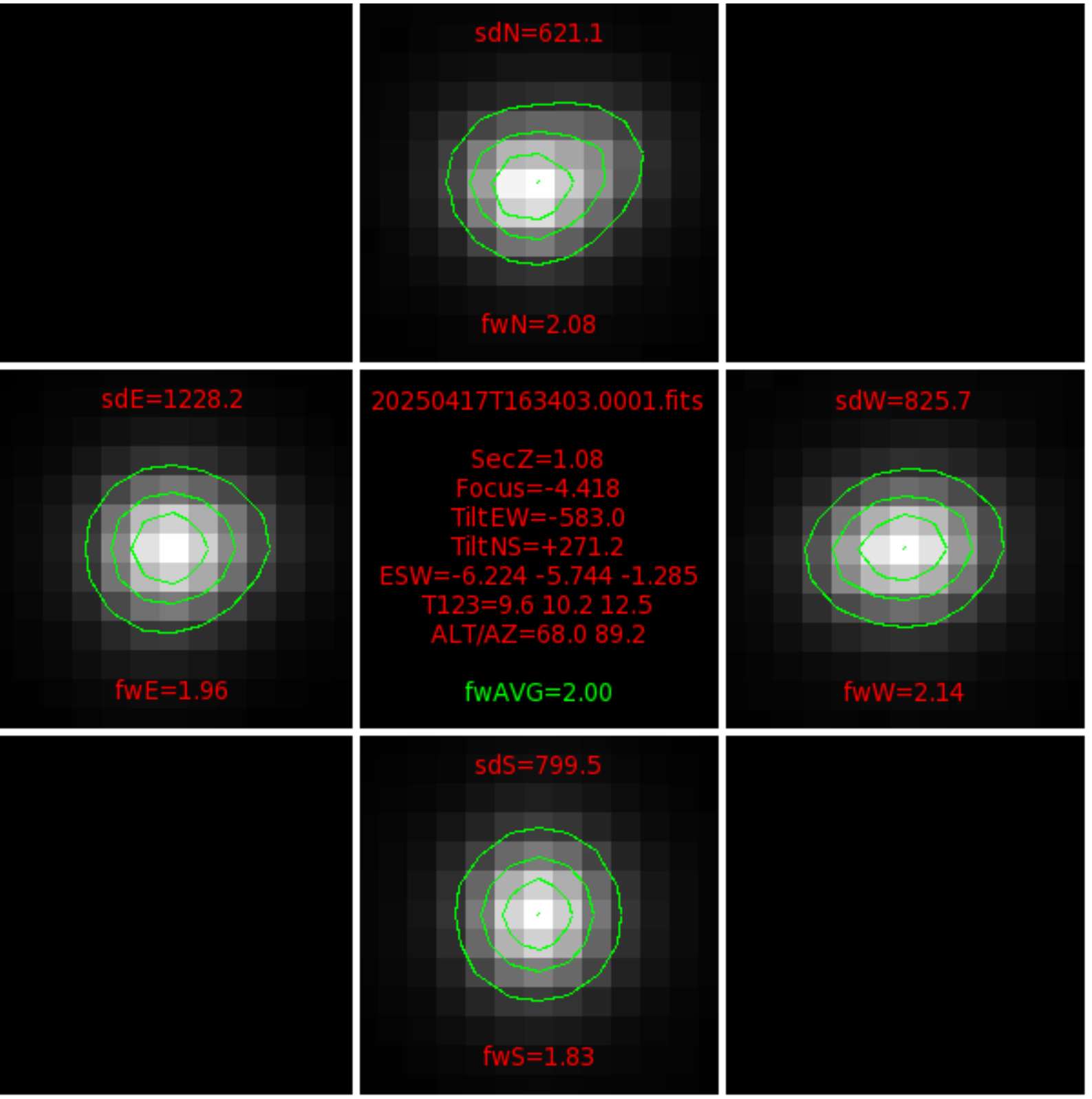
sdN=621.1
fwN=2.08
sdE=1228.2
fwE=1.96
20250417T163403.0001.fits
SecZ=1.08
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.6 10.2 12.5
ALT/AZ=68.0 89.2
fwAVG=2.00
sdW=825.7
fwW=2.14
sdS=799.5
fwS=1.83
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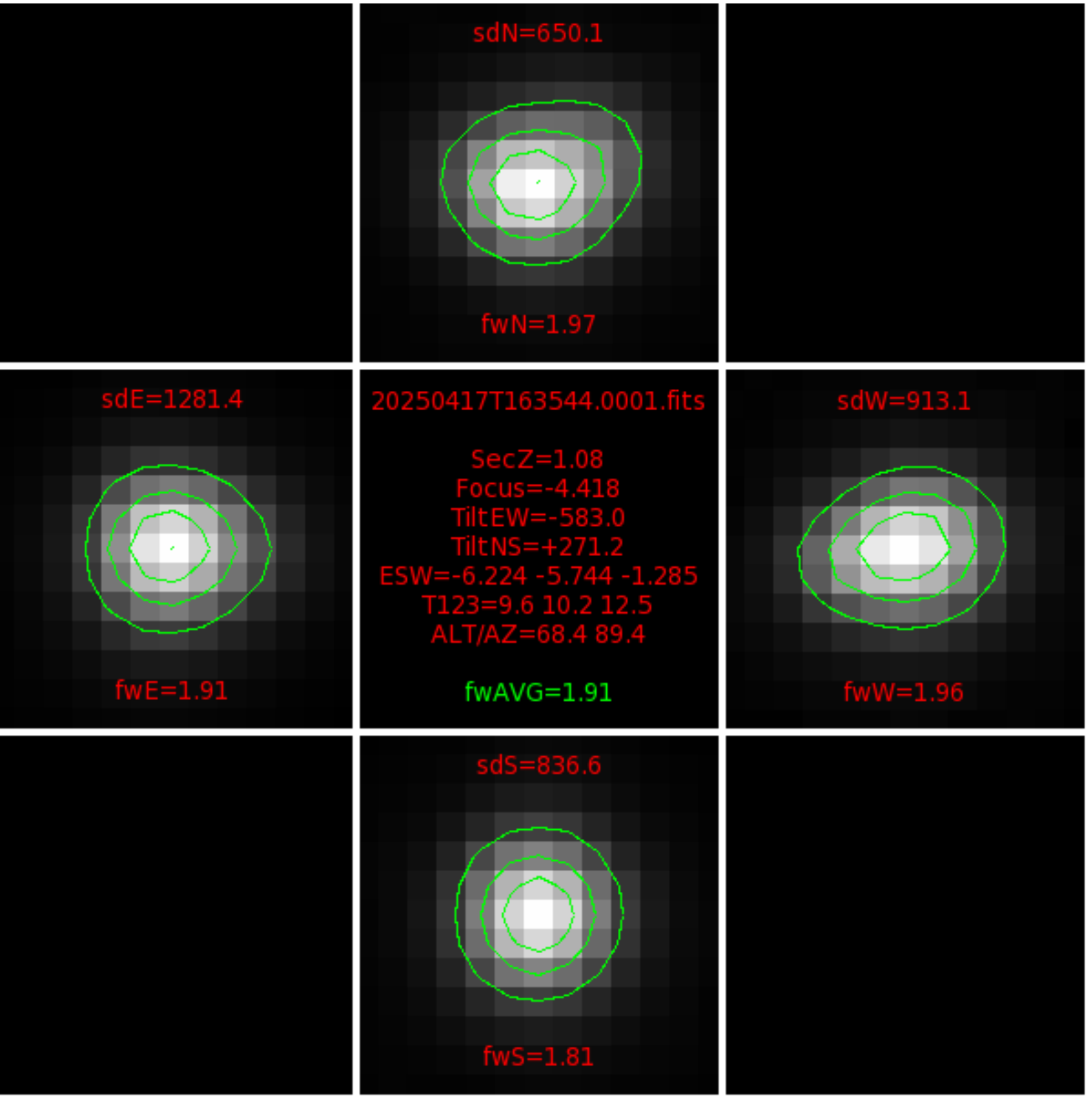
sdN=650.1
fwN=1.97
sdE=1281.4
fwE=1.91
20250417T163544.0001.fits
SecZ=1.08
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.6 10.2 12.5
ALT/AZ=68.4 89.4
fwAVG=1.91
sdW=913.1
fwW=1.96
sdS=836.6
fwS=1.81
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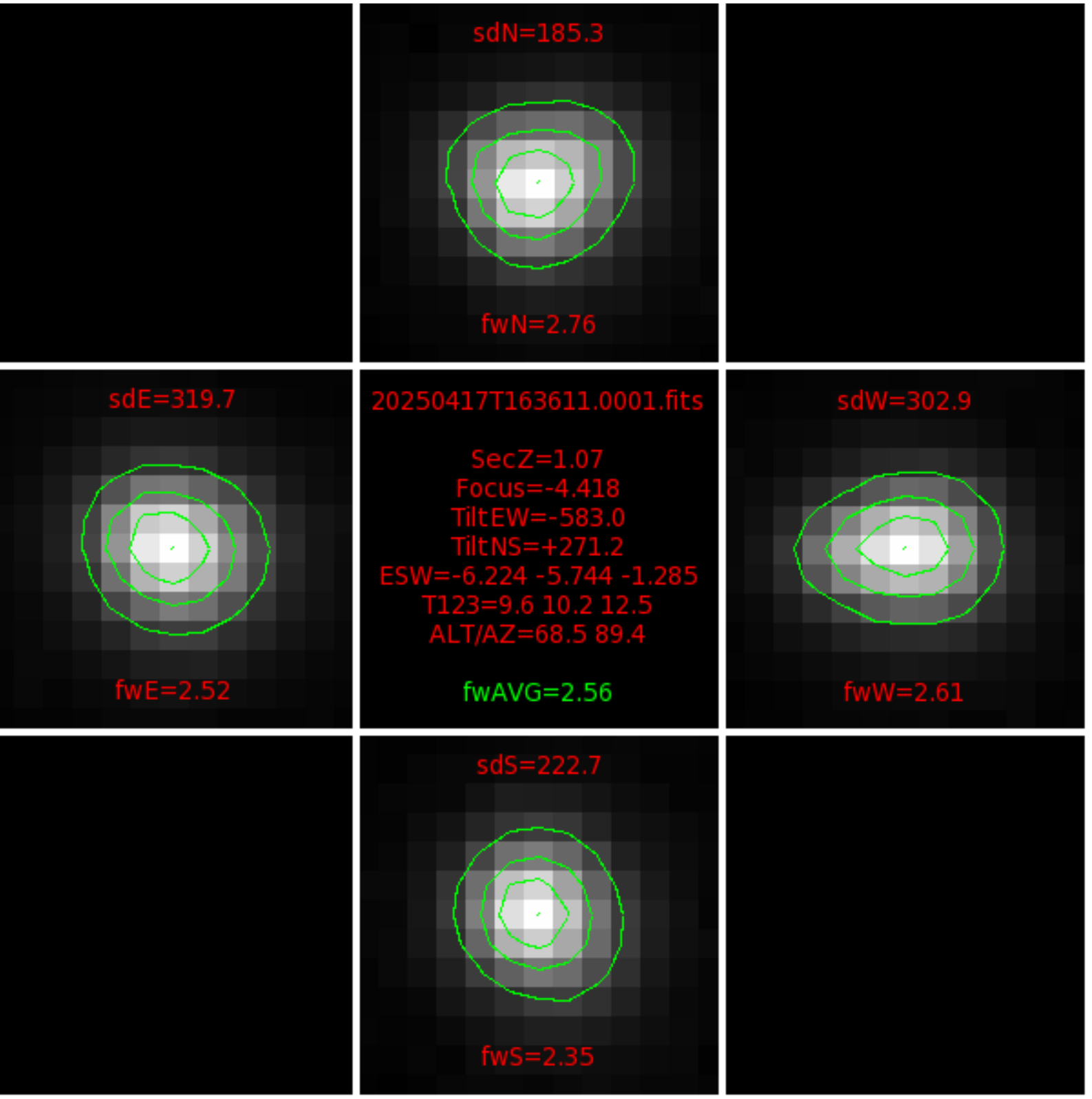
sdN=185.3
fwN=2.76
sdE=319.7
fwE=2.52
20250417T163611.0001.fits
SecZ=1.07
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.6 10.2 12.5
ALT/AZ=68.5 89.4
fwAVG=2.56
sdW=302.9
fwW=2.61
sdS=222.7
fwS=2.35
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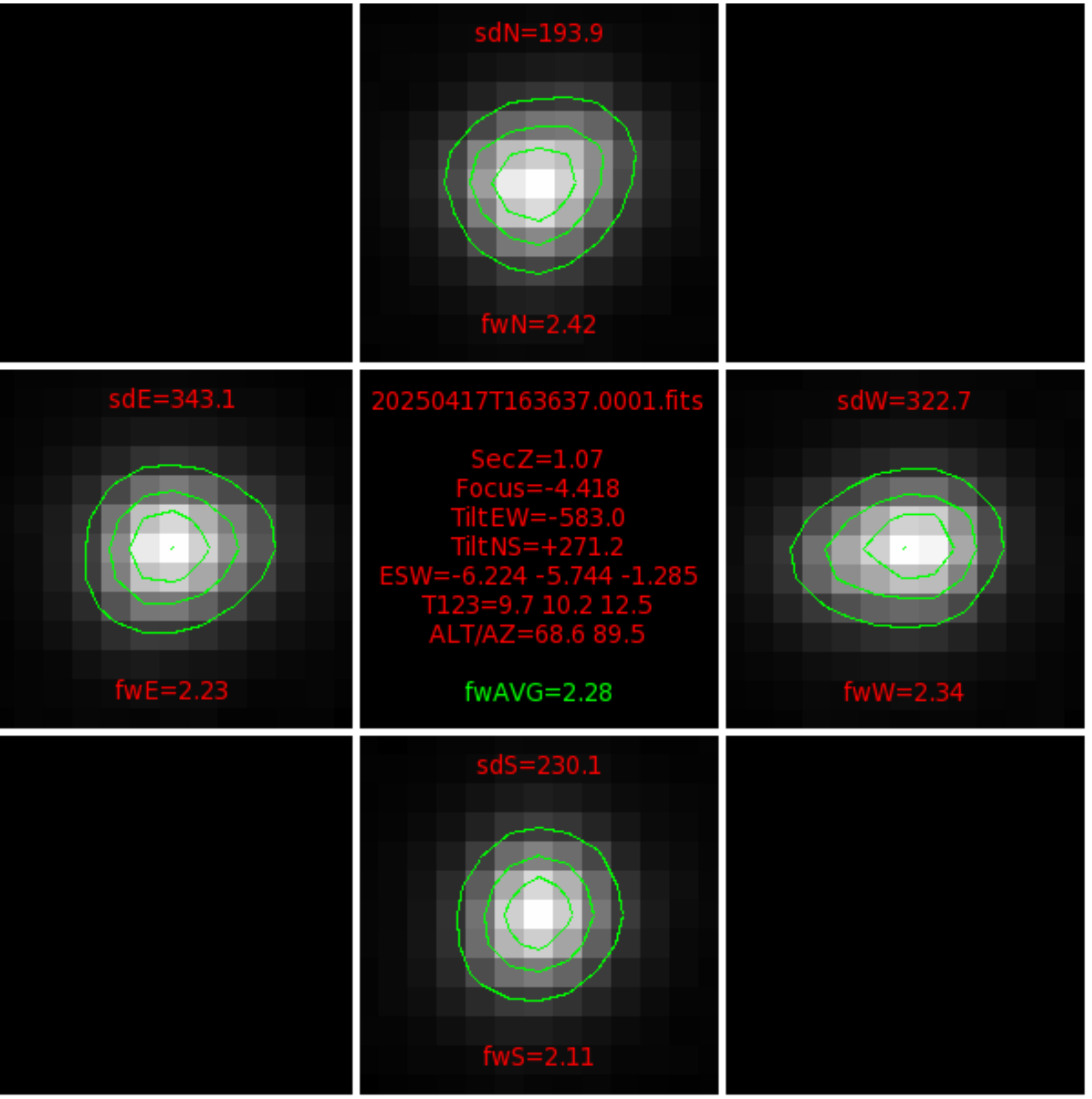
sdN=193.9
fwN=2.42
sdE=343.1
fwE=2.23
20250417T163637.0001.fits
SecZ=1.07
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.7 10.2 12.5
ALT/AZ=68.6 89.5
fwAVG=2.28
sdW=322.7
fwW=2.34
sdS=230.1
fwS=2.11
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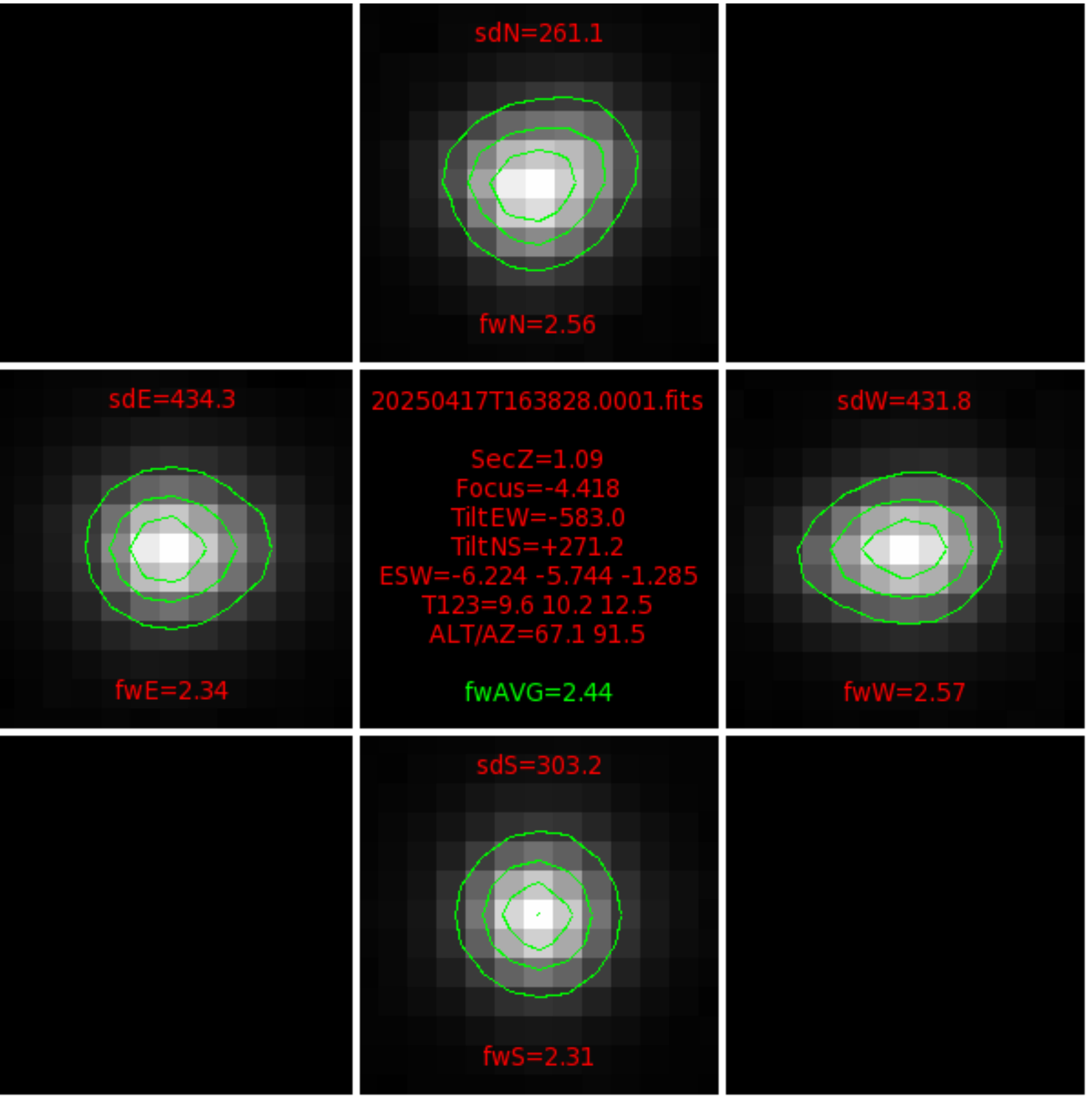
sdN=261.1
fwN=2.56
sdE=434.3
fwE=2.34
20250417T163828.0001.fits
SecZ=1.09
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.6 10.2 12.5
ALT/AZ=67.1 91.5
fwAVG=2.44
sdW=431.8
fwW=2.57
sdS=303.2
fwS=2.31
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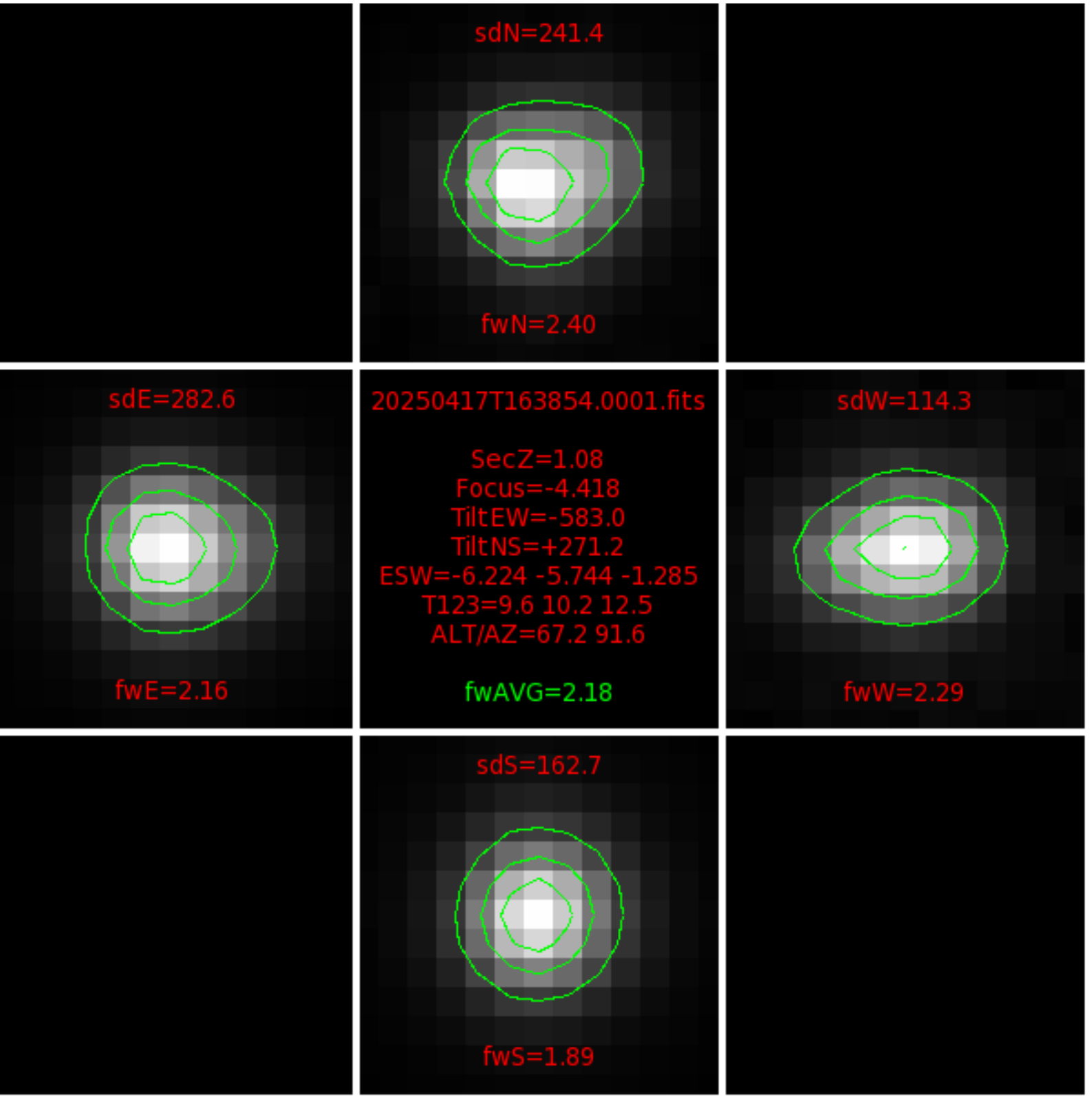
sdN=241.4
fwN=2.40
sdE=282.6
fwE=2.16
20250417T163854.0001.fits
SecZ=1.08
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.6 10.2 12.5
ALT/AZ=67.2 91.6
fwAVG=2.18
sdW=114.3
fwW=2.29
sdS=162.7
fwS=1.89
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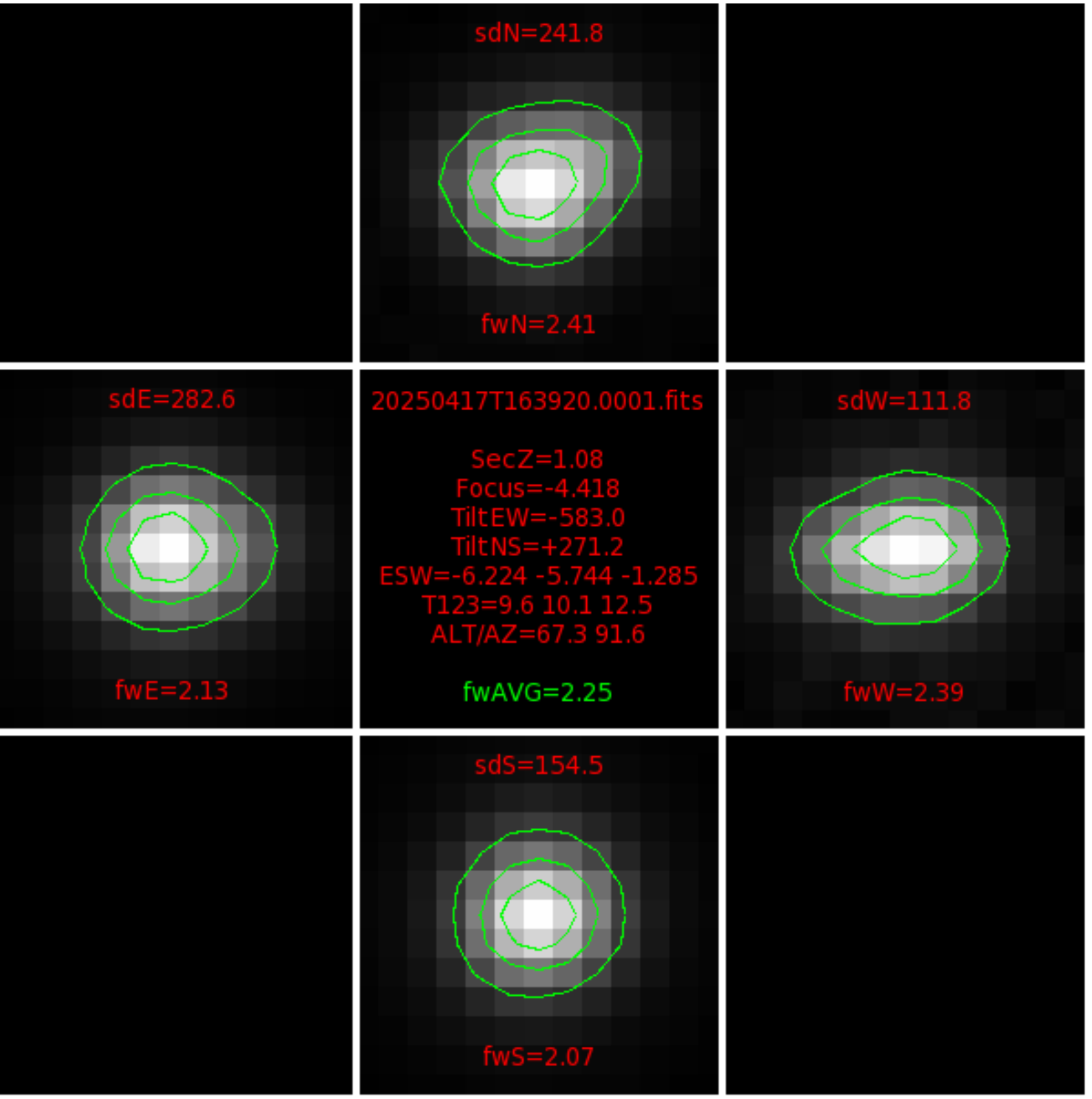
sdN=241.8
fwN=2.41
sdE=282.6
fwE=2.13
20250417T163920.0001.fits
SecZ=1.08
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.6 10.1 12.5
ALT/AZ=67.3 91.6
fwAVG=2.25
sdW=111.8
fwW=2.39
sdS=154.5
fwS=2.07
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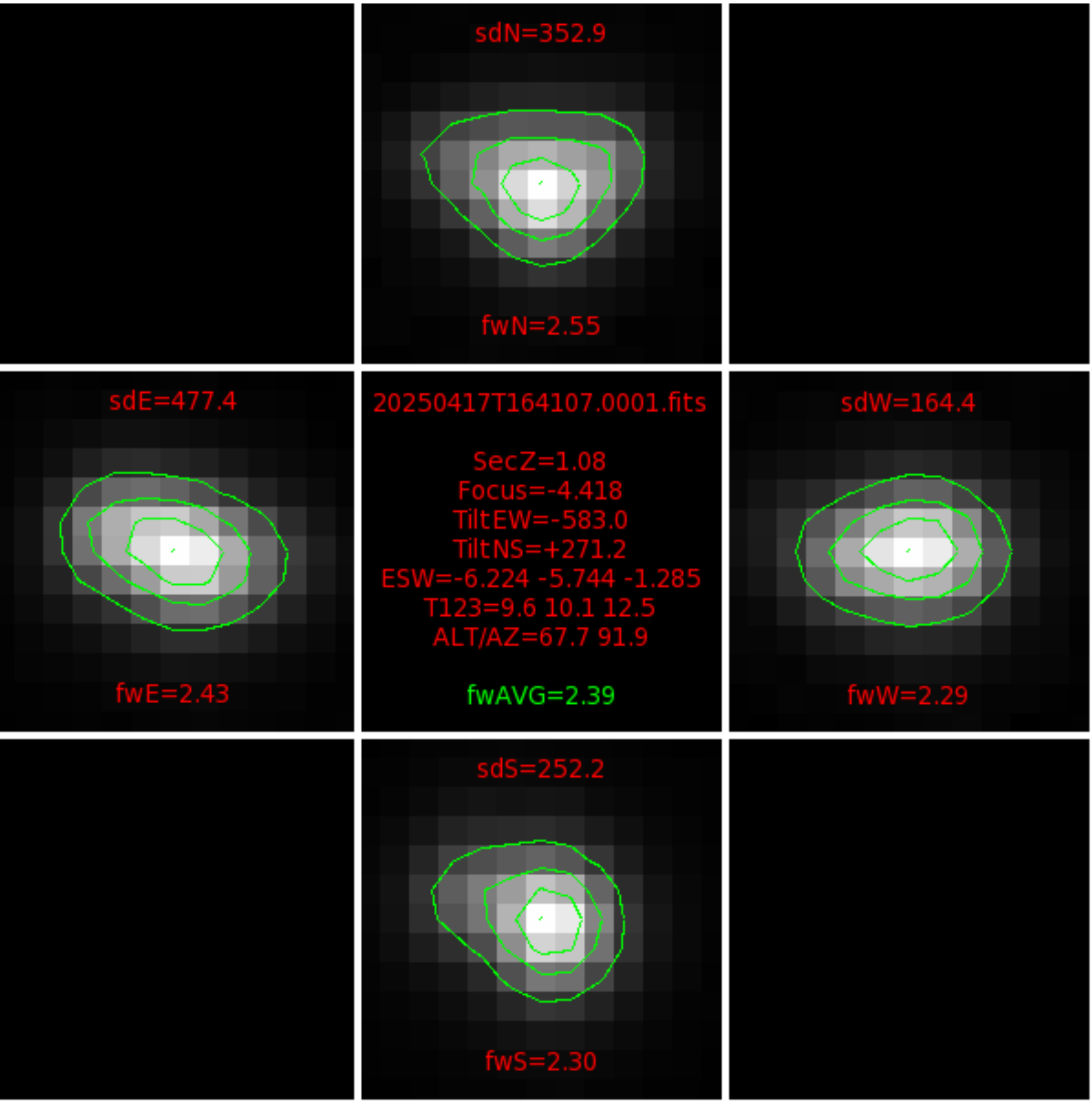
sdN=352.9
fwN=2.55
sdE=477.4
fwE=2.43
20250417T164107.0001.fits
SecZ=1.08
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.6 10.1 12.5
ALT/AZ=67.7 91.9
fwAVG=2.39
sdW=164.4
fwW=2.29
sdS=252.2
fwS=2.30
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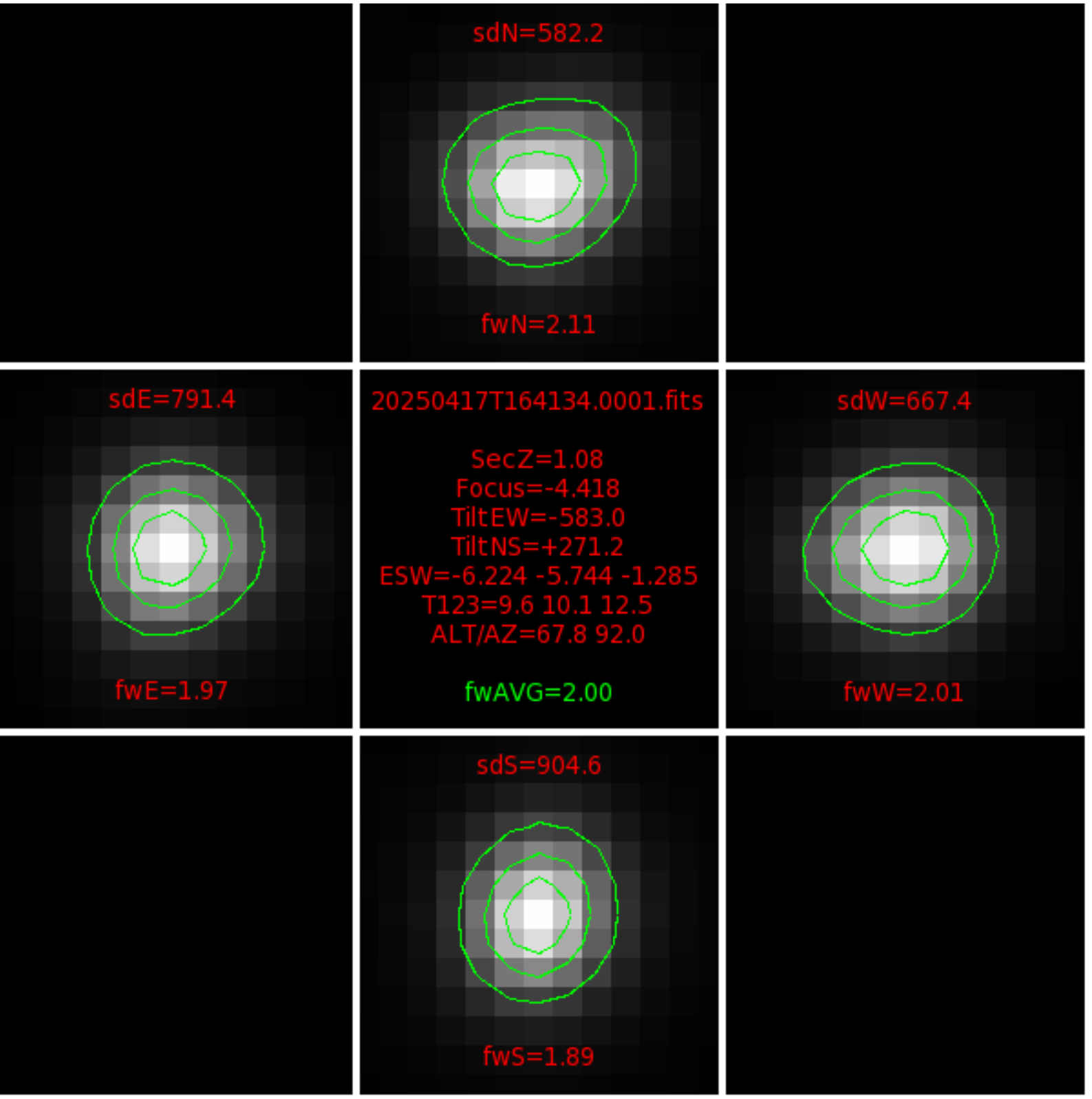
sdN=582.2
fwN=2.11
sdE=791.4
fwE=1.97
20250417T164134.0001.fits
SecZ=1.08
Focus=-4.418
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.224 -5.744 -1.285
T123=9.6 10.1 12.5
ALT/AZ=67.8 92.0
fwAVG=2.00
sdW=667.4
fwW=2.01
sdS=904.6
fwS=1.89
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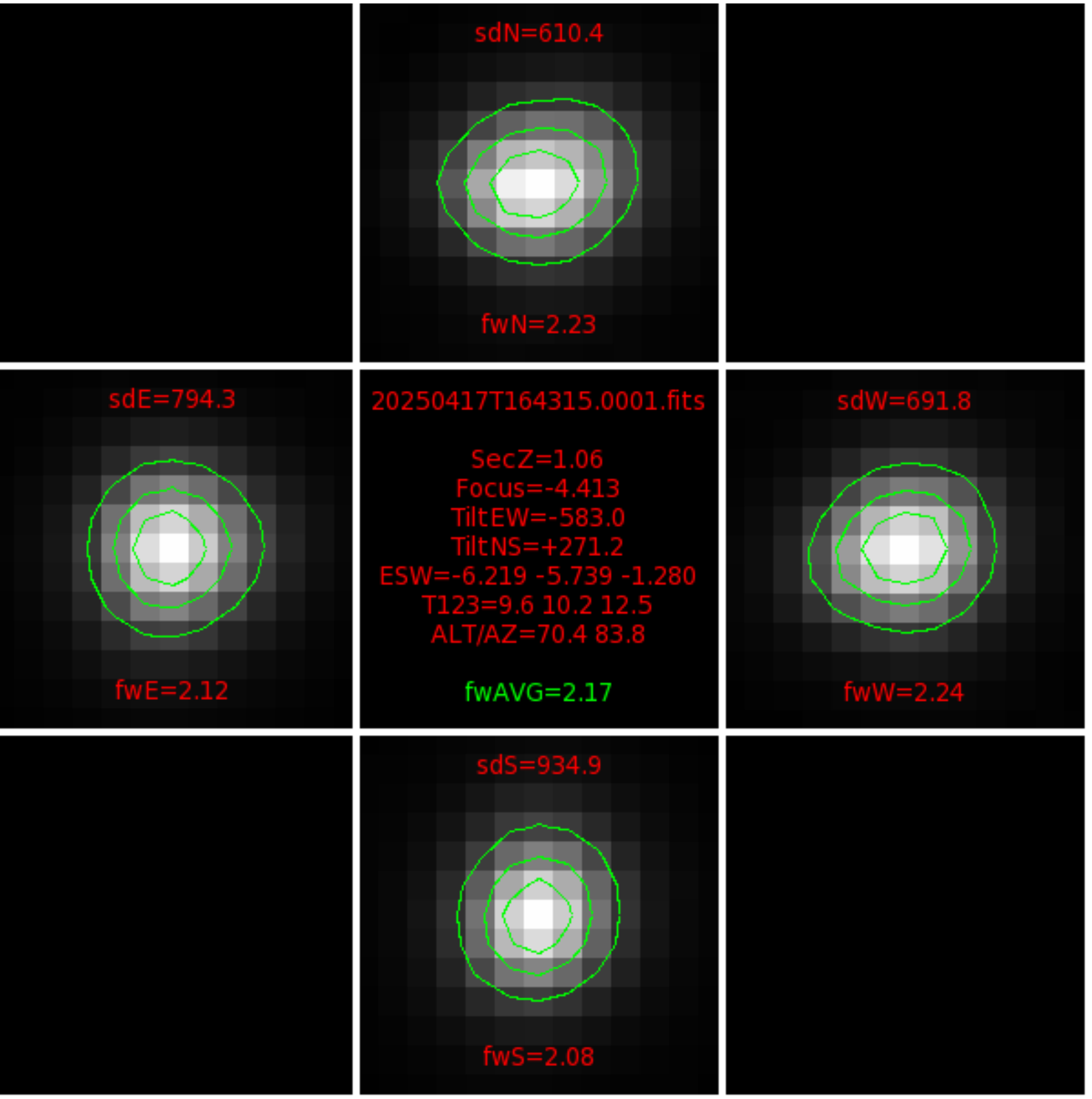
sdN=610.4
fwN=2.23
sdE=794.3
fwE=2.12
20250417T164315.0001.fits
SecZ=1.06
Focus=-4.413
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.219 -5.739 -1.280
T123=9.6 10.2 12.5
ALT/AZ=70.4 83.8
fwAVG=2.17
sdW=691.8
fwW=2.24
sdS=934.9
fwS=2.08
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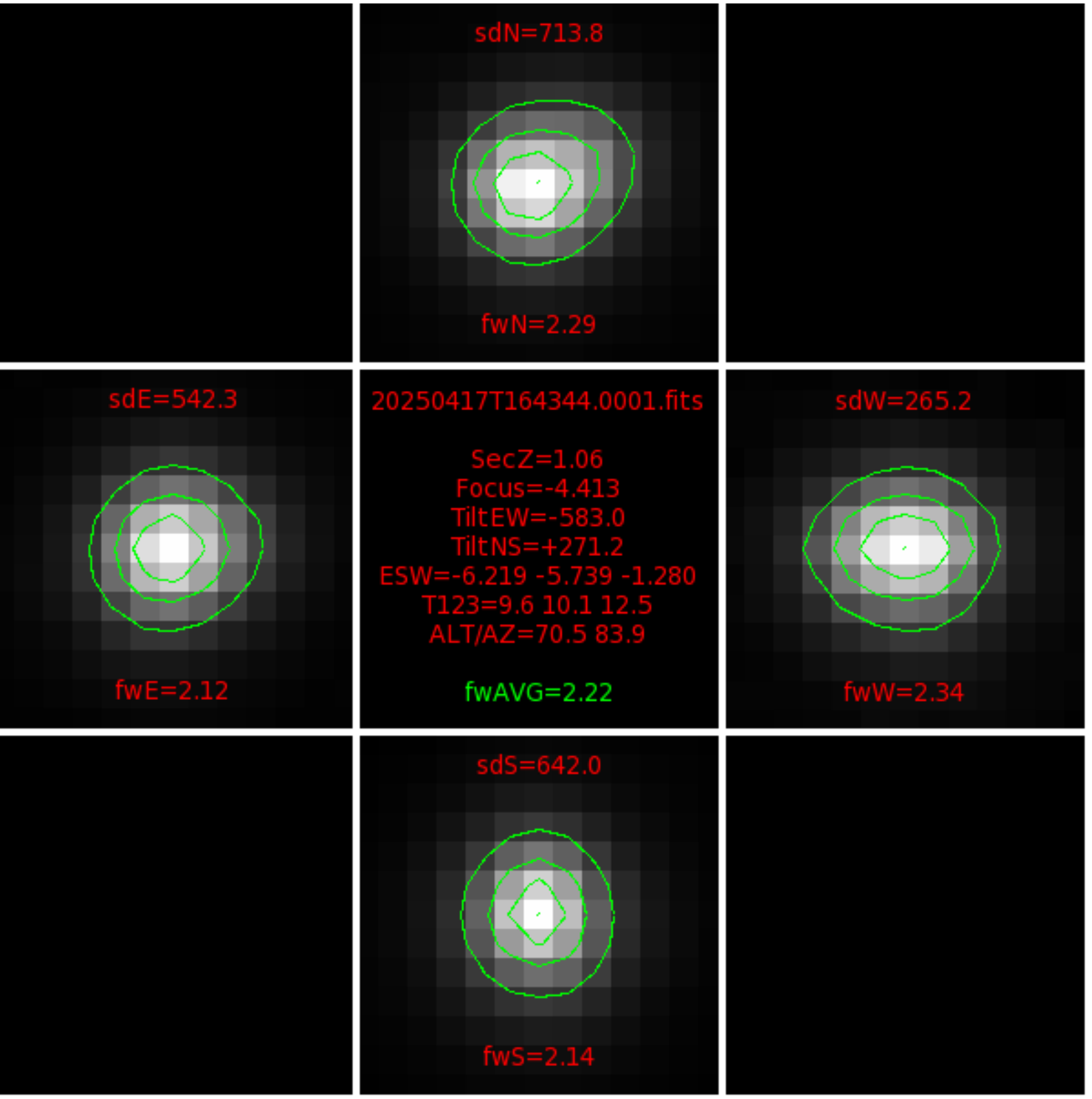
sdN=713.8
fwN=2.29
sdE=542.3
fwE=2.12
20250417T164344.0001.fits
SecZ=1.06
Focus=-4.413
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.219 -5.739 -1.280
T123=9.6 10.1 12.5
ALT/AZ=70.5 83.9
fwAVG=2.22
sdW=265.2
fwW=2.34
sdS=642.0
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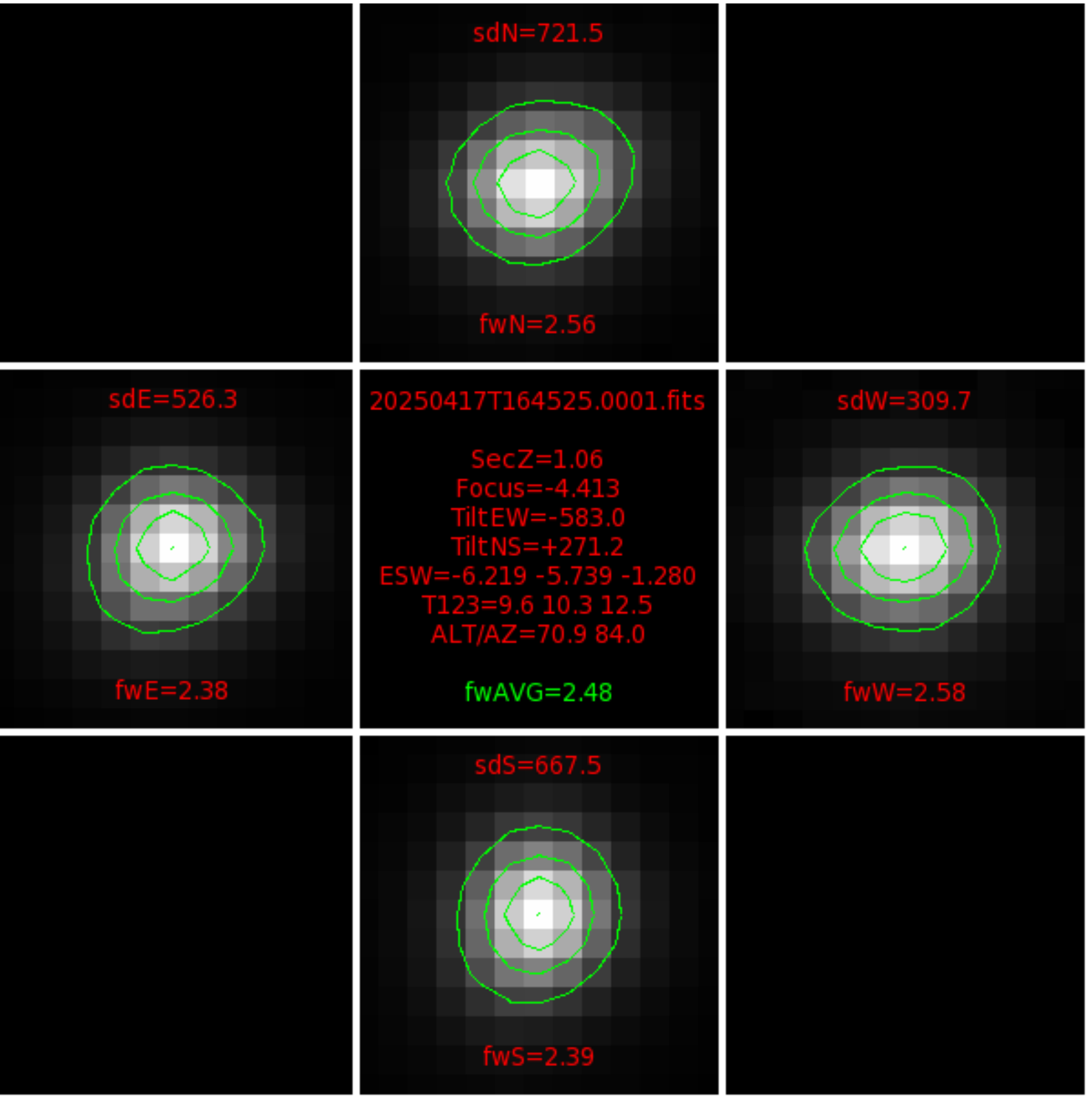
sdN=721.5
fwN=2.56
sdE=526.3
fwE=2.38
20250417T164525.0001.fits
SecZ=1.06
Focus=-4.413
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.219 -5.739 -1.280
T123=9.6 10.3 12.5
ALT/AZ=70.9 84.0
fwAVG=2.48
sdW=309.7
fwW=2.58
sdS=667.5
fwS=2.39
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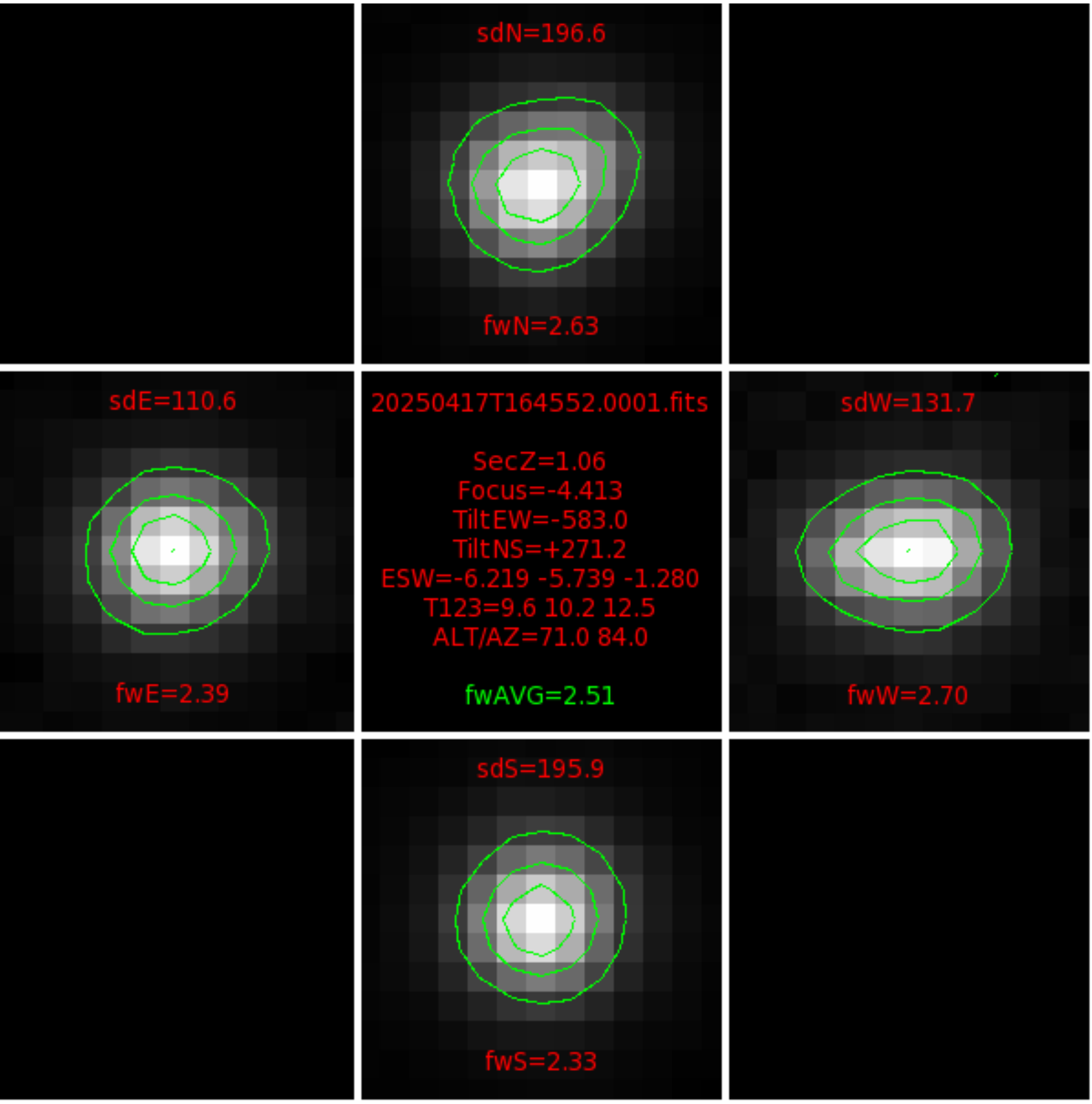
sdN=196.6
fwN=2.63
sdE=110.6
fwE=2.39
20250417T164552.0001.fits
SecZ=1.06
Focus=-4.413
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.219 -5.739 -1.280
T123=9.6 10.2 12.5
ALT/AZ=71.0 84.0
fwAVG=2.51
sdW=131.7
fwW=2.70
sdS=195.9
fwS=2.33
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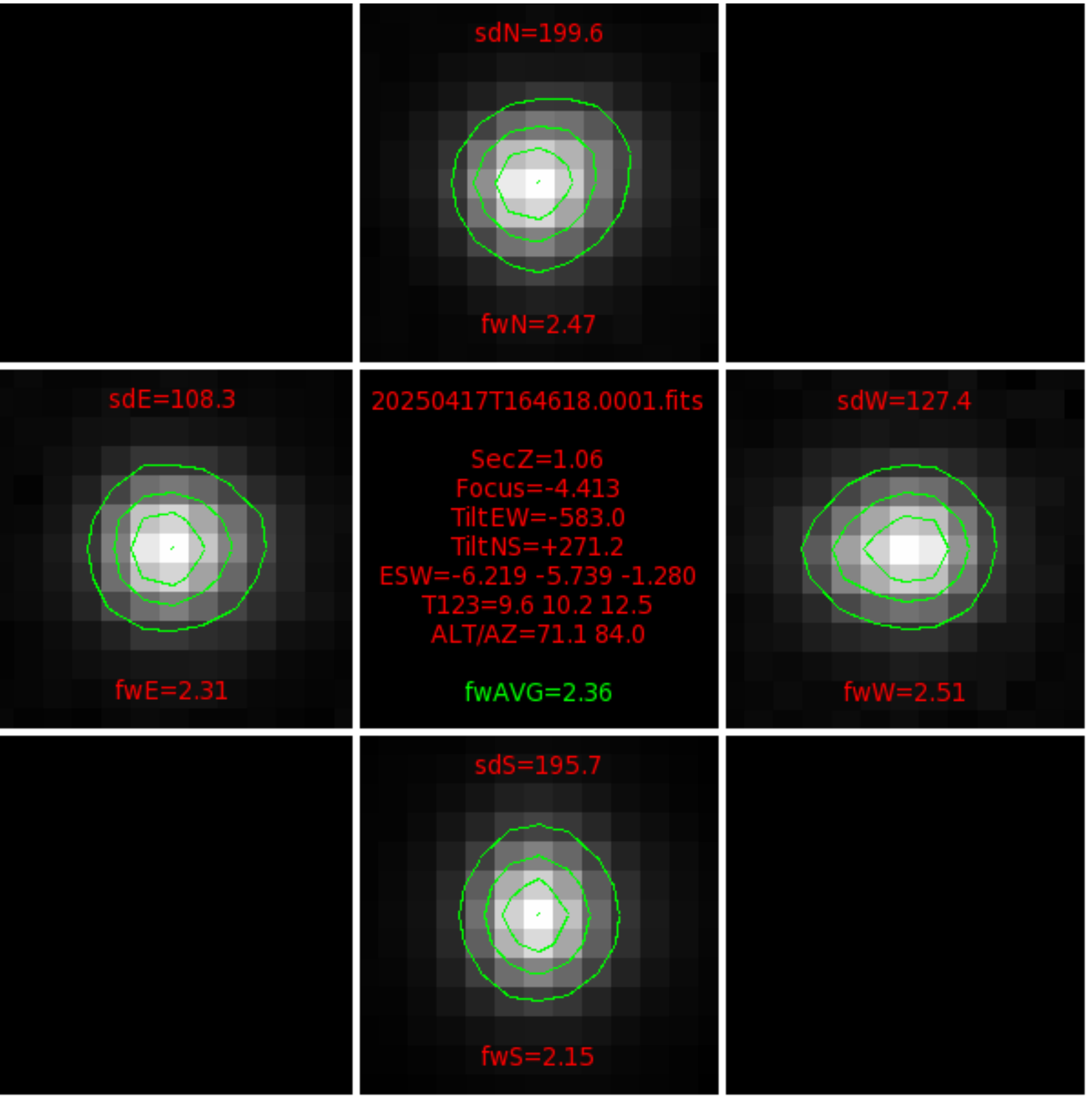
sdN=199.6
fwN=2.47
sdE=108.3
fwE=2.31
20250417T164618.0001.fits
SecZ=1.06
Focus=-4.413
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.219 -5.739 -1.280
T123=9.6 10.2 12.5
ALT/AZ=71.1 84.0
fwAVG=2.36
sdW=127.4
fwW=2.51
sdS=195.7
fwS=2.15
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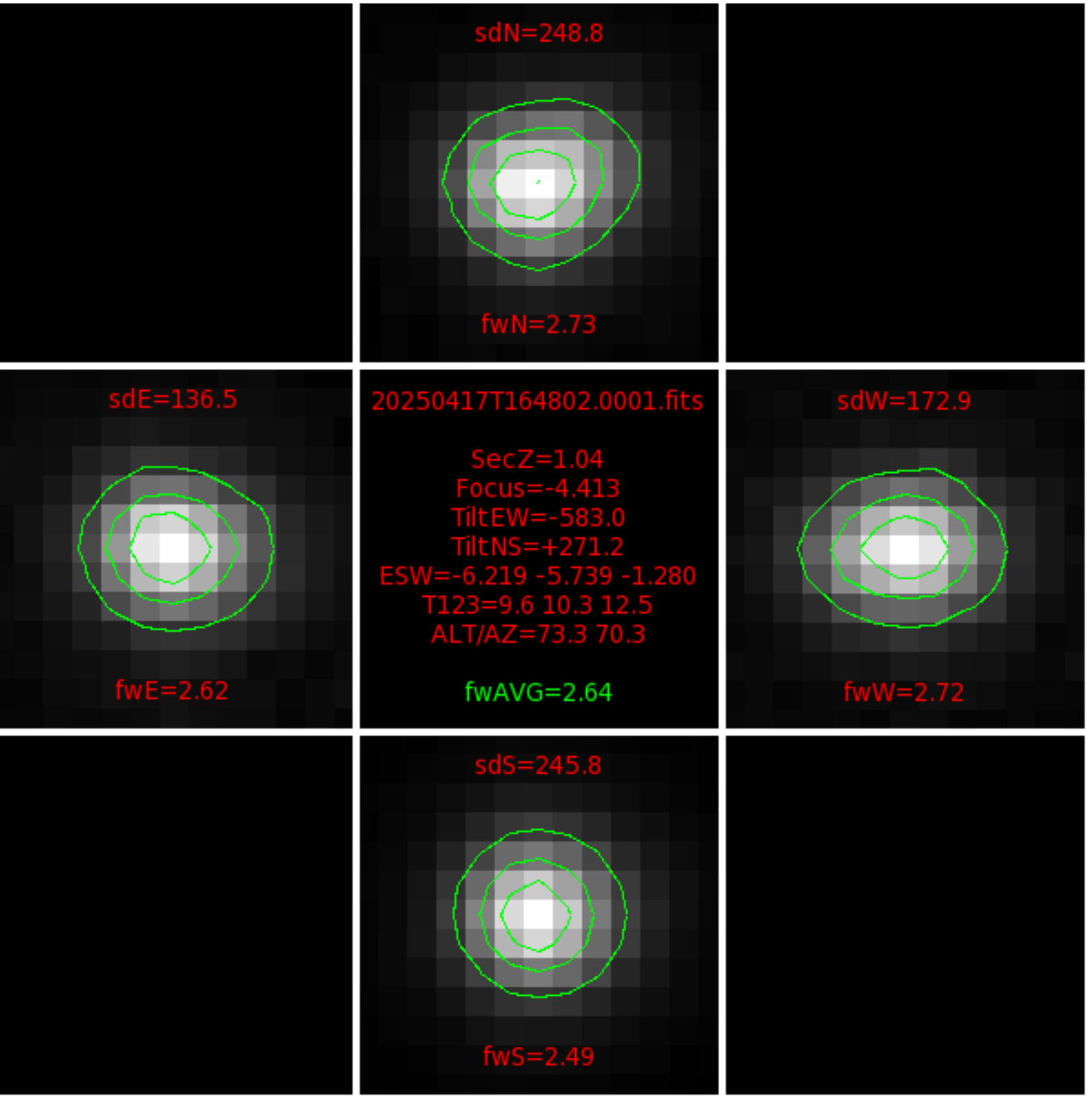
sdN=248.8
fwN=2.73
sdE=136.5
fwE=2.62
20250417T164802.0001.fits
SecZ=1.04
Focus=-4.413
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.219 -5.739 -1.280
T123=9.6 10.3 12.5
ALT/AZ=73.3 70.3
fwAVG=2.64
sdW=172.9
fwW=2.72
sdS=245.8
fwS=2.49
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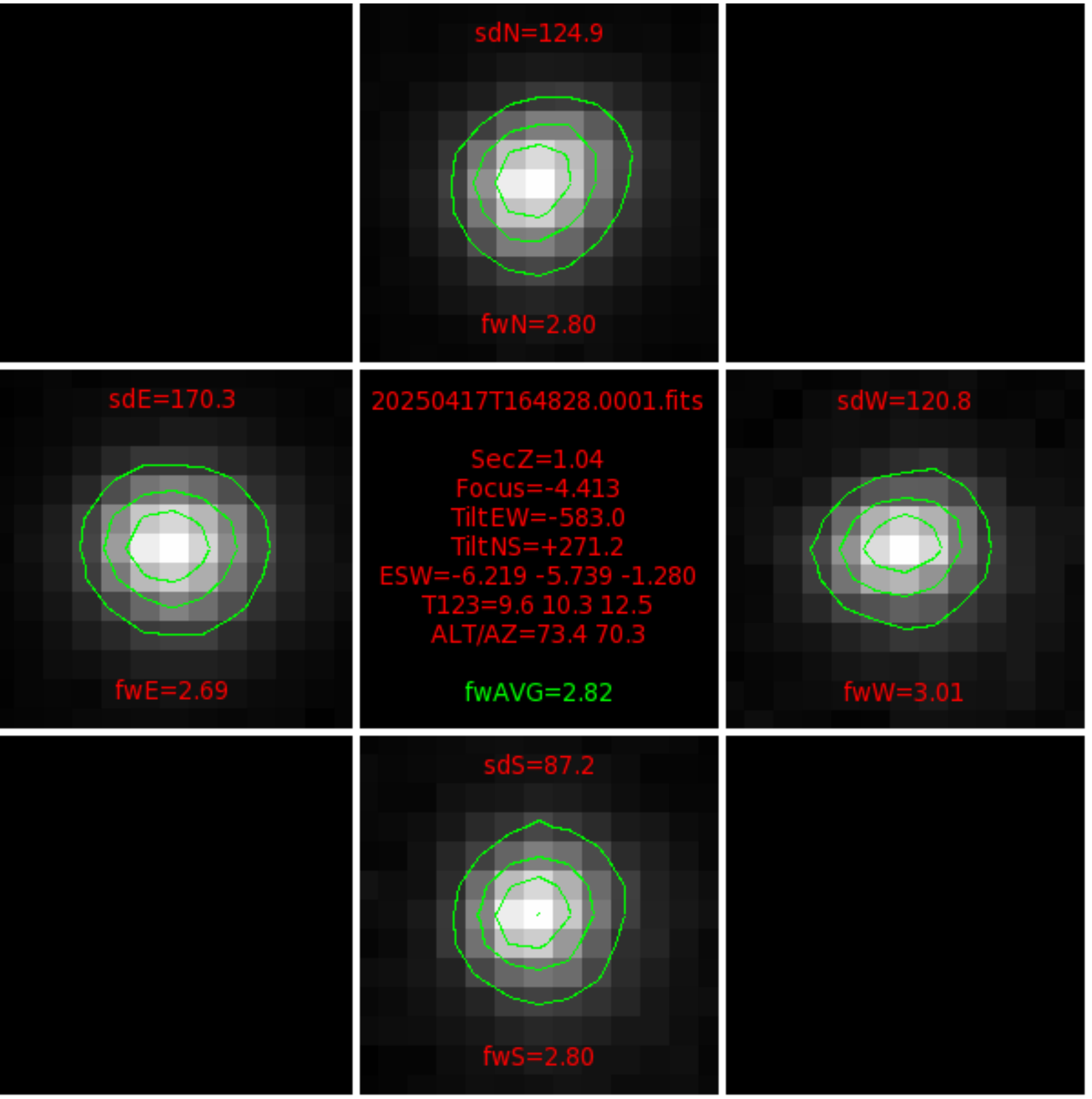
sdN=124.9
fwN=2.80
sdE=170.3
fwE=2.69
20250417T164828.0001.fits
SecZ=1.04
Focus=-4.413
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.219 -5.739 -1.280
T123=9.6 10.3 12.5
ALT/AZ=73.4 70.3
fwAVG=2.82
sdW=120.8
fwW=3.01
sdS=87.2
fwS=2.80
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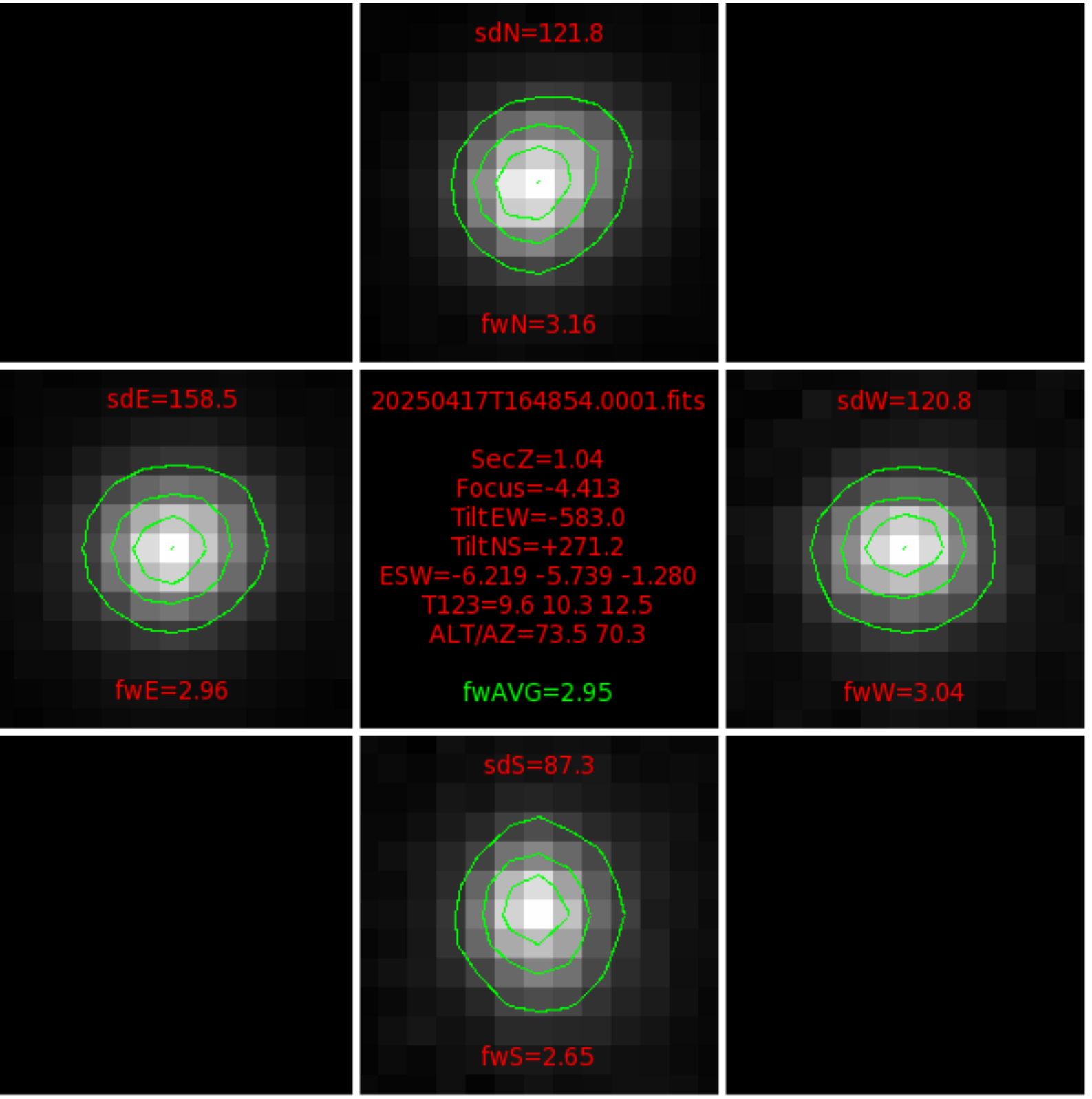
sdN=121.8
fwN=3.16
sdE=158.5
fwE=2.96
20250417T164854.0001.fits
SecZ=1.04
Focus=-4.413
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.219 -5.739 -1.280
T123=9.6 10.3 12.5
ALT/AZ=73.5 70.3
fwAVG=2.95
sdW=120.8
fwW=3.04
sdS=87.3
fwS=2.65
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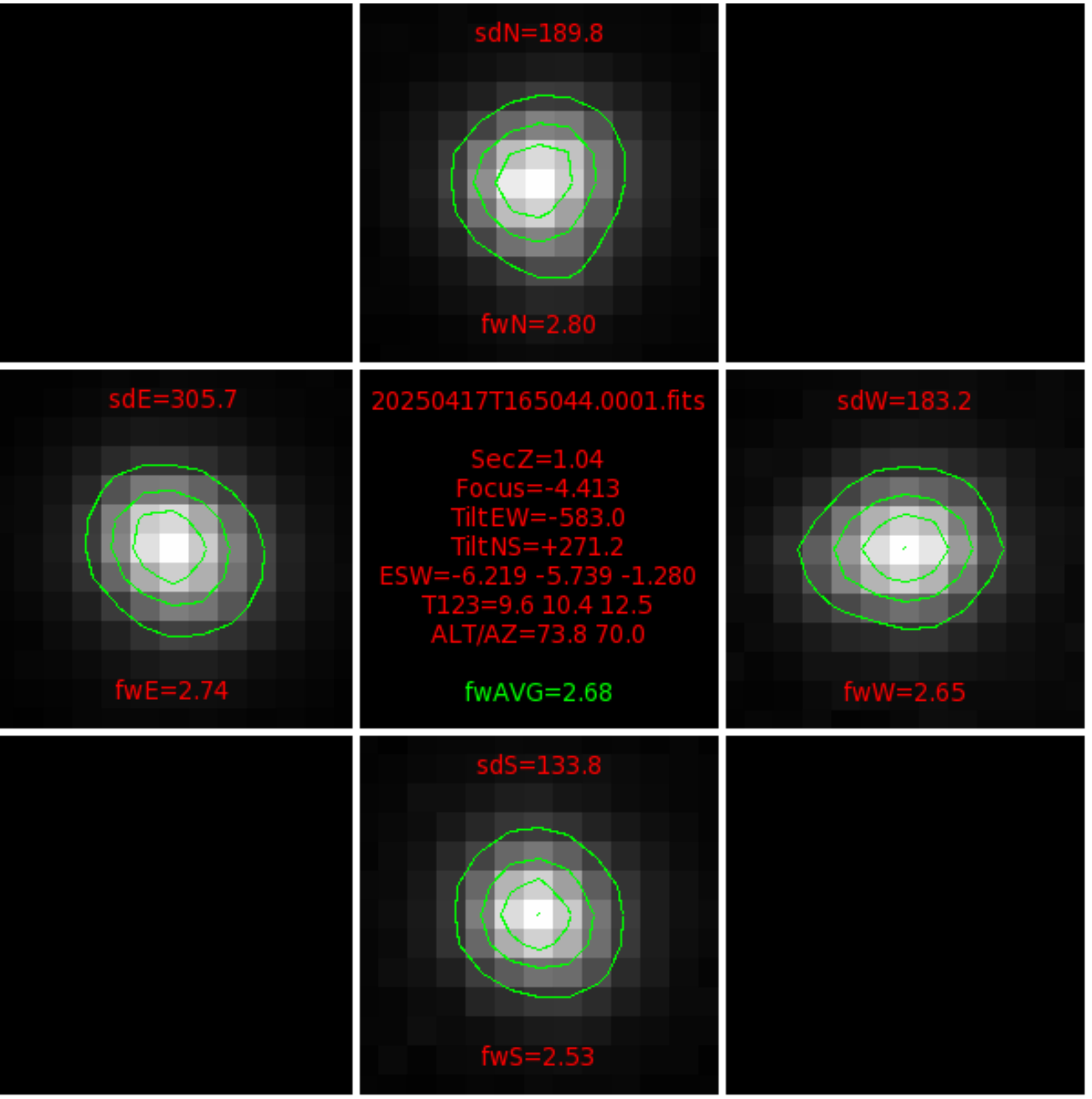
sdN=189.8
fwN=2.80
sdE=305.7
fwE=2.74
20250417T165044.0001.fits
SecZ=1.04
Focus=-4.413
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.219 -5.739 -1.280
T123=9.6 10.4 12.5
ALT/AZ=73.8 70.0
fwAVG=2.68
sdW=183.2
fwW=2.65
sdS=133.8
fwS=2.53
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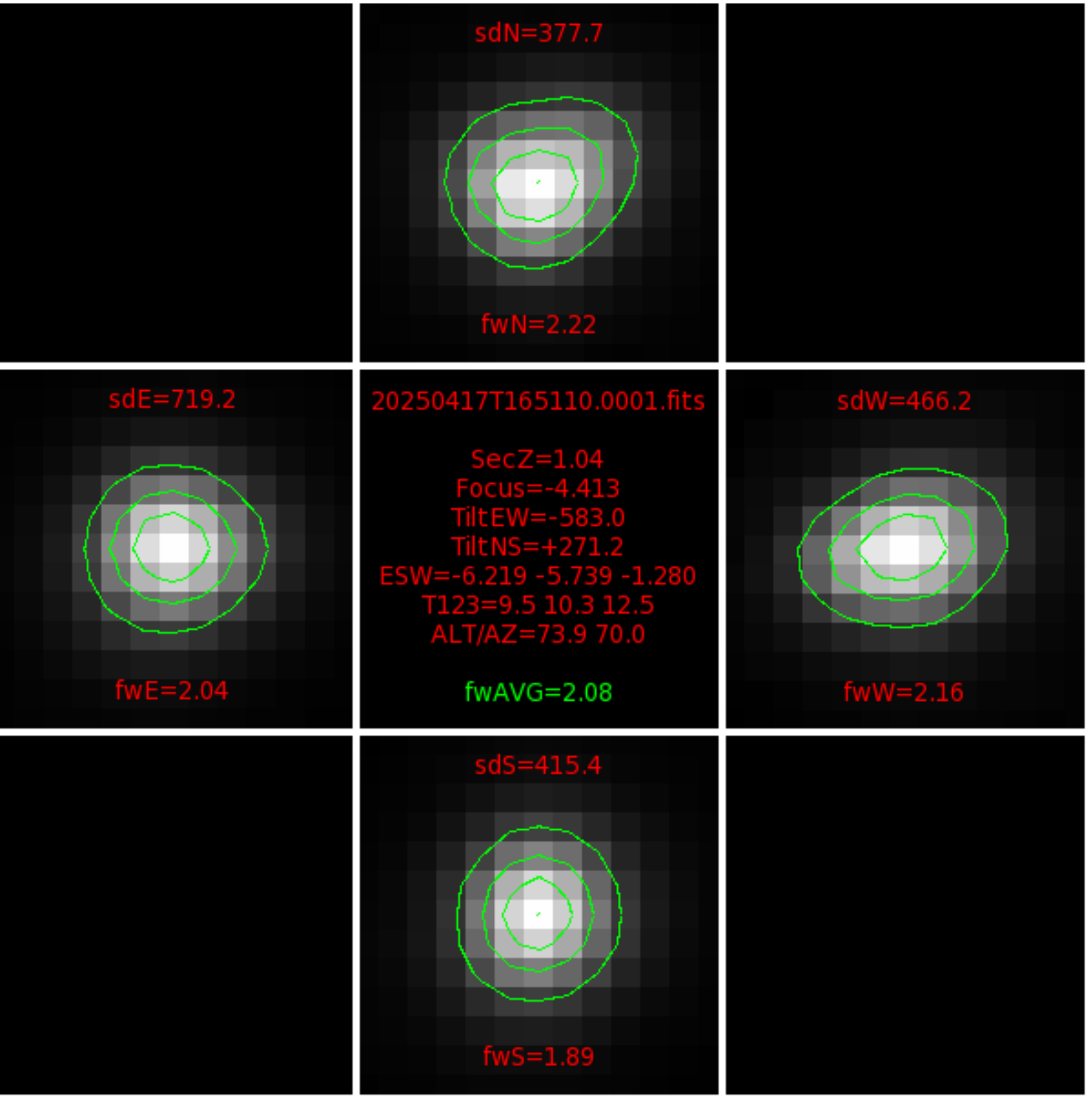
sdN=377.7
fwN=2.22
sdE=719.2
fwE=2.04
20250417T165110.0001.fits
SecZ=1.04
Focus=-4.413
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.219 -5.739 -1.280
T123=9.5 10.3 12.5
ALT/AZ=73.9 70.0
fwAVG=2.08
sdW=466.2
fwW=2.16
sdS=415.4
fwS=1.89
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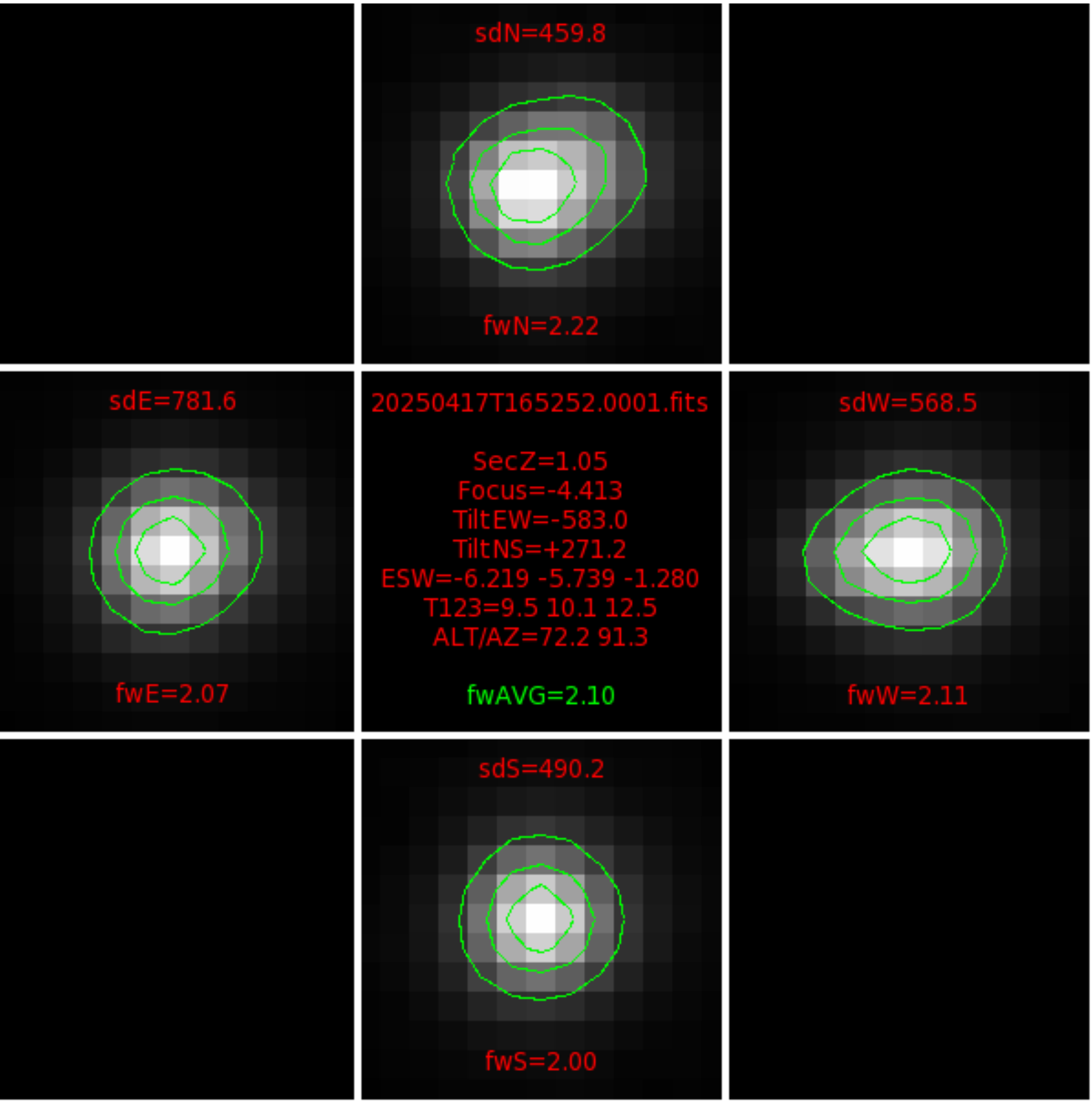
sdN=459.8
fwN=2.22
sdE=781.6
fwE=2.07
20250417T165252.0001.fits
SecZ=1.05
Focus=-4.413
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.219 -5.739 -1.280
T123=9.5 10.1 12.5
ALT/AZ=72.2 91.3
fwAVG=2.10
sdW=568.5
fwW=2.11
sdS=490.2
fwS=2.00
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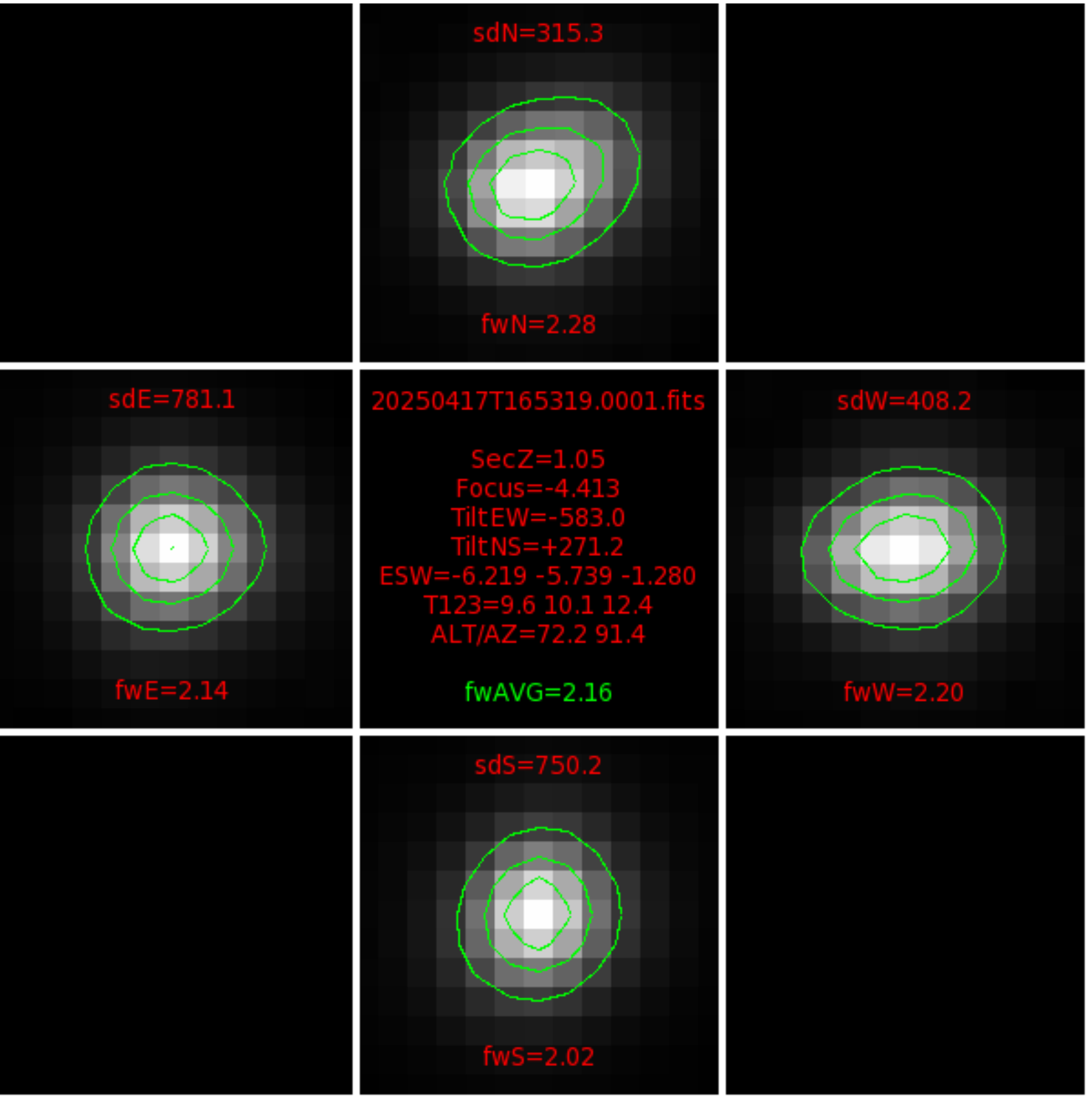
sdN=315.3
fwN=2.28
sdE=781.1
fwE=2.14
20250417T165319.0001.fits
SecZ=1.05
Focus=-4.413
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.219 -5.739 -1.280
T123=9.6 10.1 12.4
ALT/AZ=72.2 91.4
fwAVG=2.16
sdW=408.2
fwW=2.20
sdS=750.2
fwS=2.02
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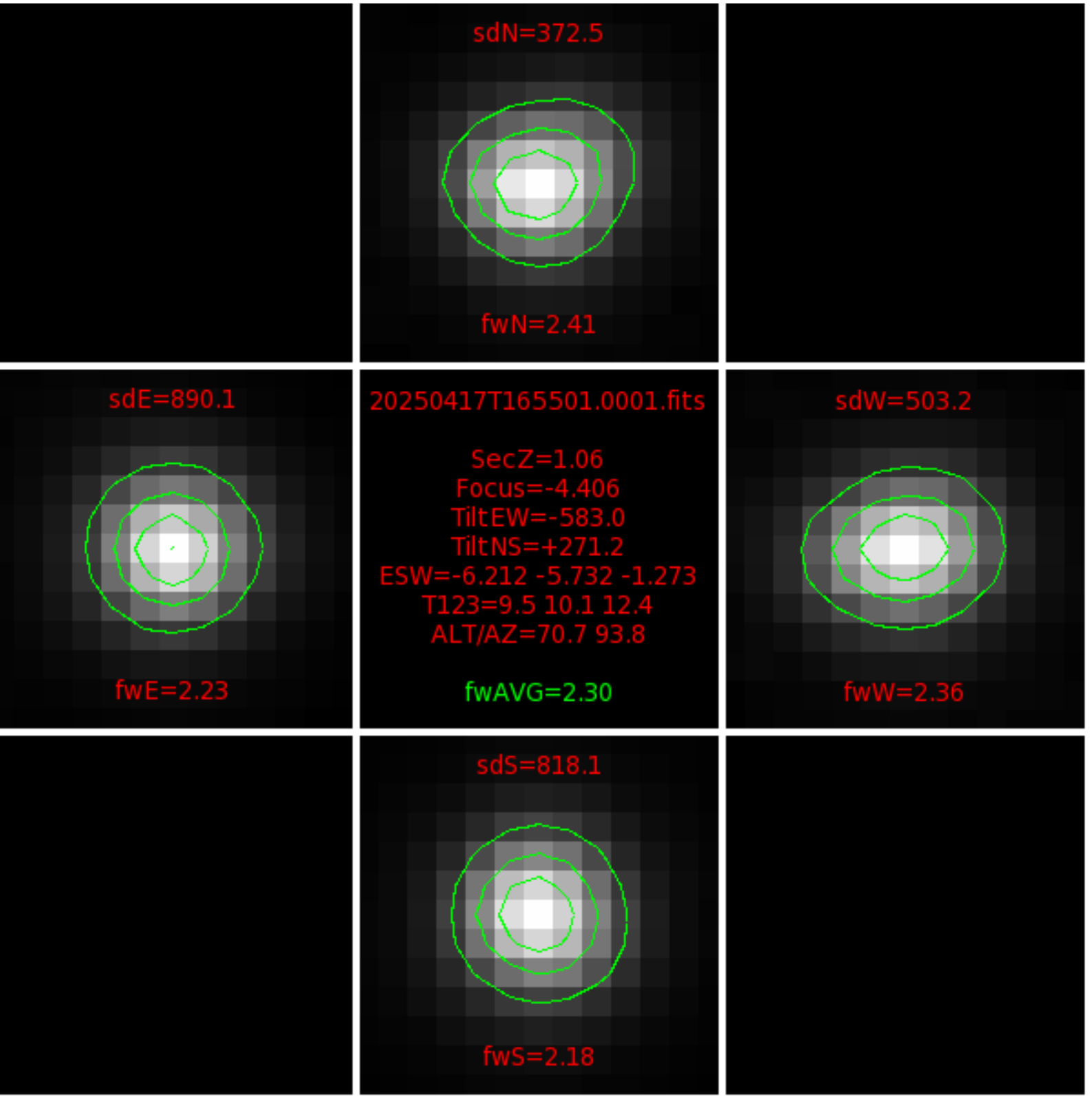
sdN=372.5
fwN=2.41
sdE=890.1
fwE=2.23
20250417T165501.0001.fits
SecZ=1.06
Focus=-4.406
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.212 -5.732 -1.273
T123=9.5 10.1 12.4
ALT/AZ=70.7 93.8
fwAVG=2.30
sdW=503.2
fwW=2.36
sdS=818.1
fwS=2.18
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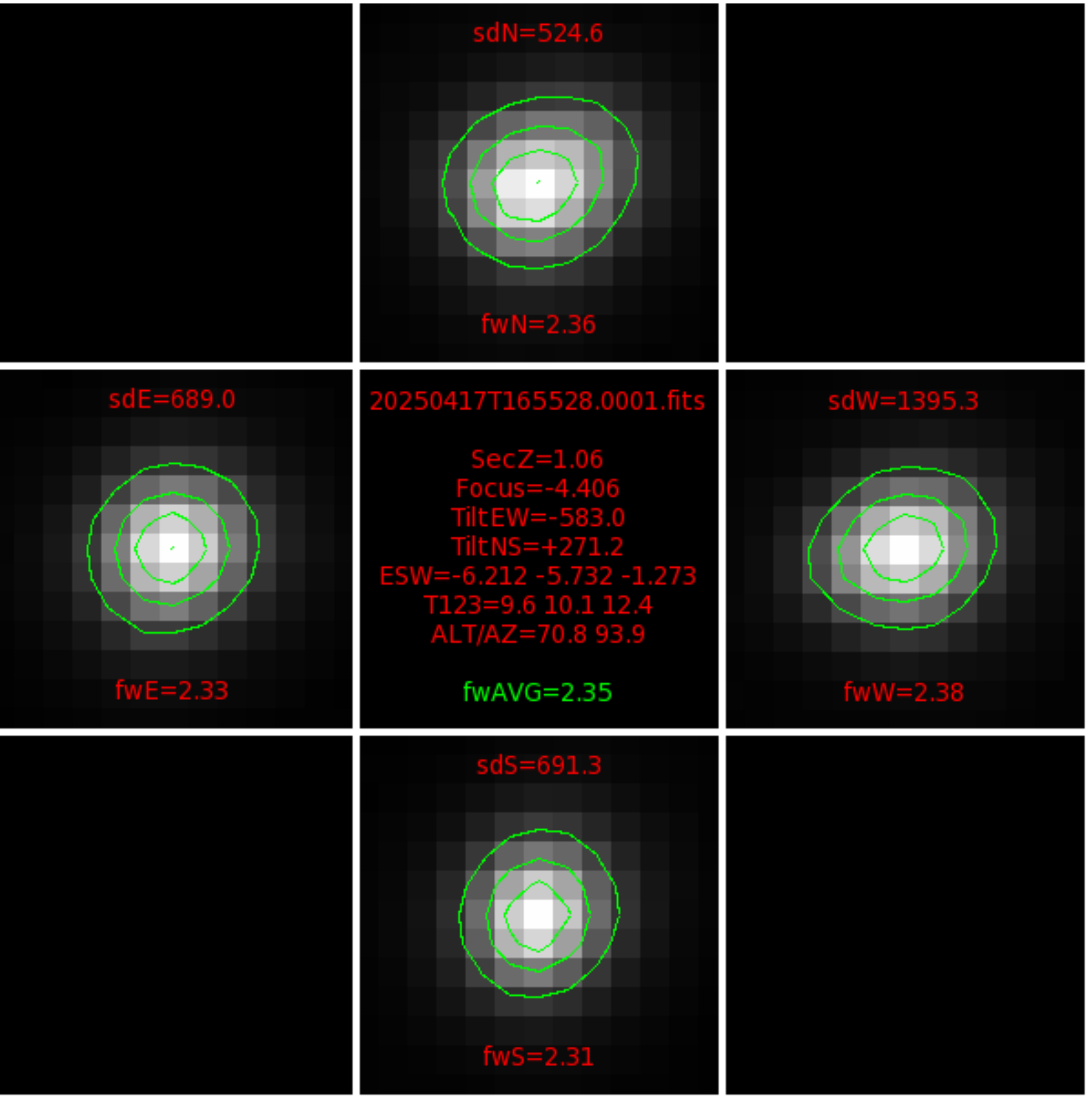
sdN=524.6
fwN=2.36
sdE=689.0
fwE=2.33
20250417T165528.0001.fits
SecZ=1.06
Focus=-4.406
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.212 -5.732 -1.273
T123=9.6 10.1 12.4
ALT/AZ=70.8 93.9
fwAVG=2.35
sdW=1395.3
fwW=2.38
sdS=691.3
fwS=2.31
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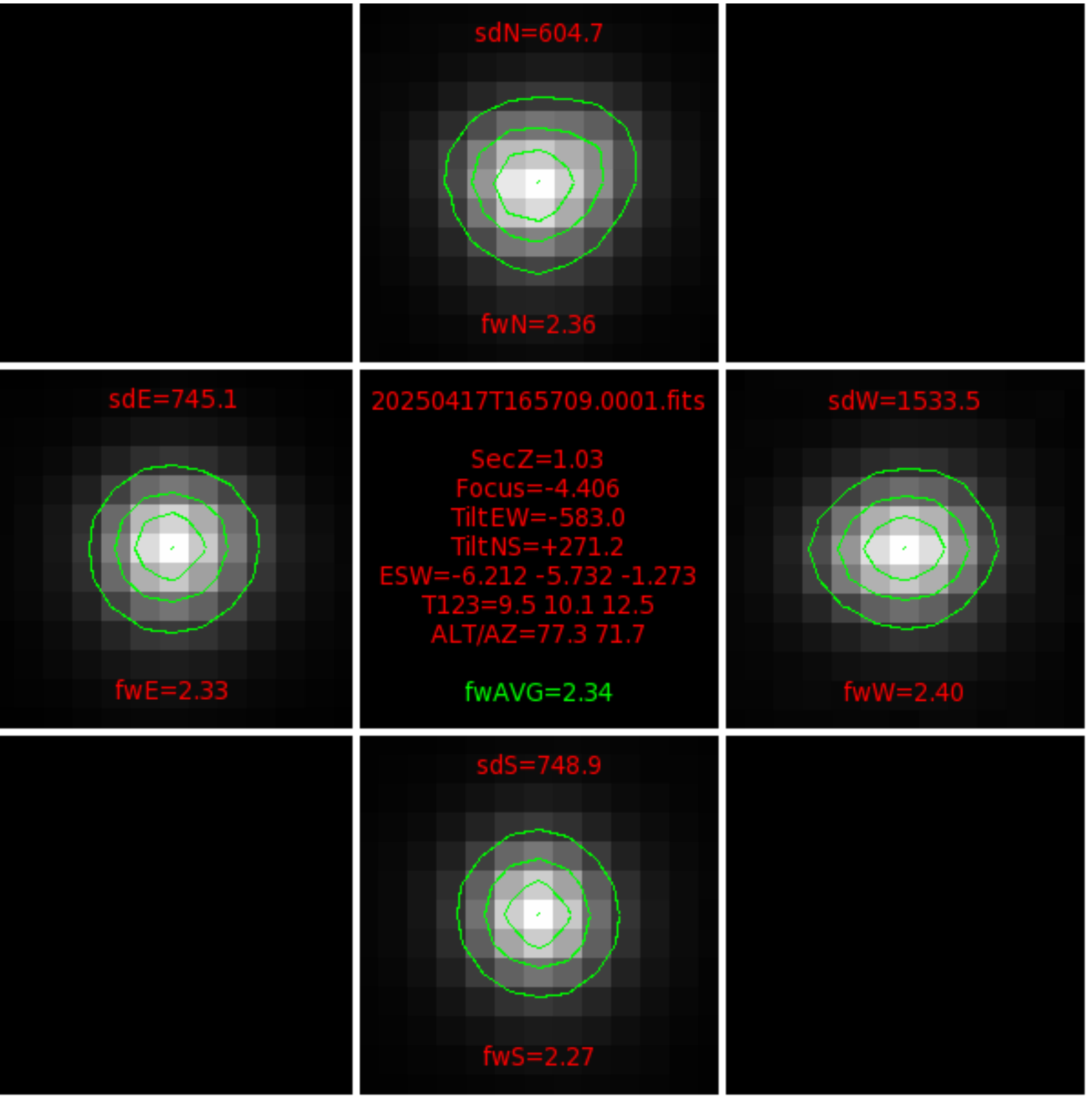
sdN=604.7
fwN=2.36
sdE=745.1
fwE=2.33
20250417T165709.0001.fits
SecZ=1.03
Focus=-4.406
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.212 -5.732 -1.273
T123=9.5 10.1 12.5
ALT/AZ=77.3 71.7
fwAVG=2.34
sdW=1533.5
fwW=2.40
sdS=748.9
fwS=2.27
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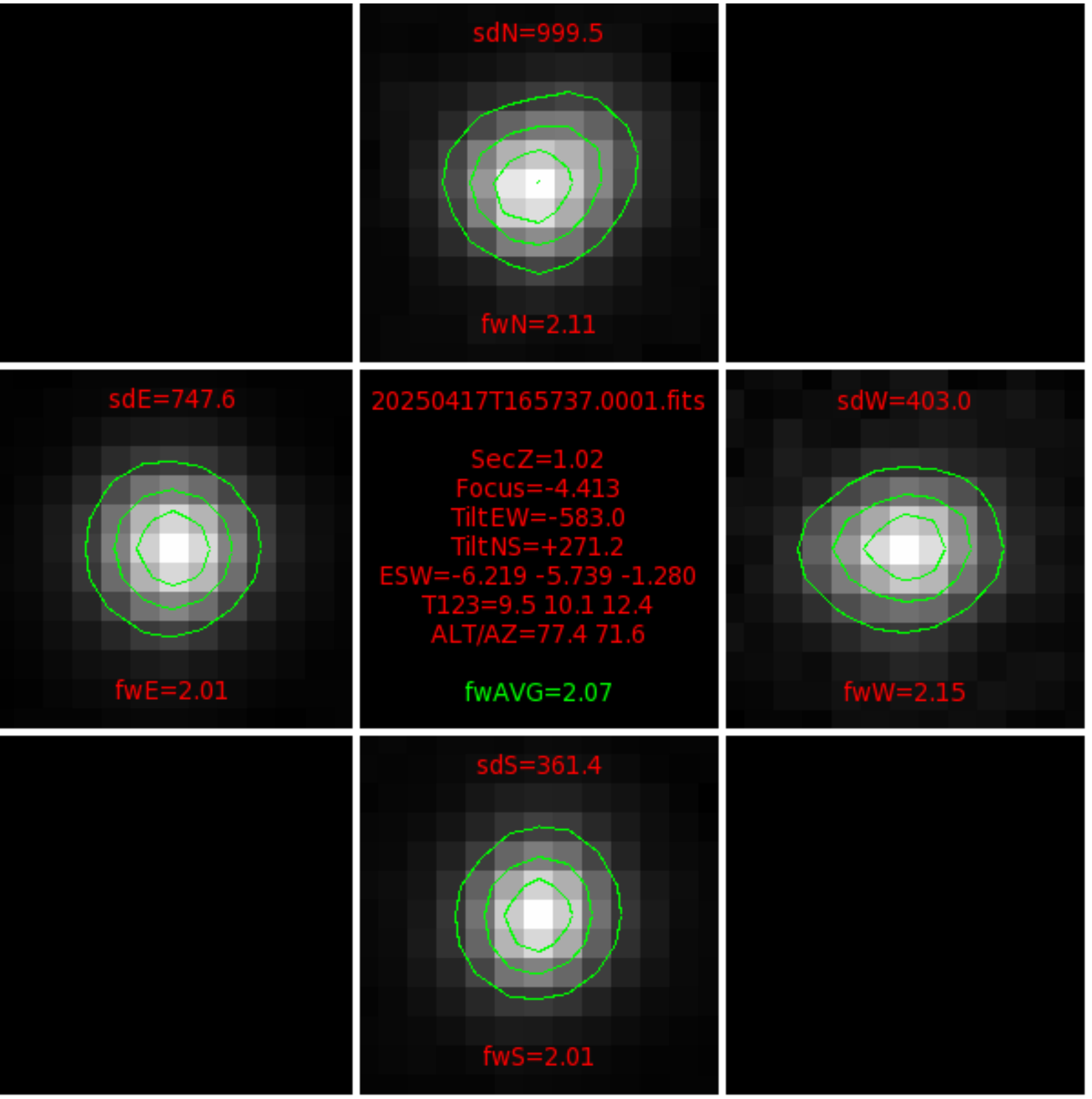
sdN=999.5
fwN=2.11
sdE=747.6
fwE=2.01
20250417T165737.0001.fits
SecZ=1.02
Focus=-4.413
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.219 -5.739 -1.280
T123=9.5 10.1 12.4
ALT/AZ=77.4 71.6
fwAVG=2.07
sdW=403.0
fwW=2.15
sdS=361.4
fwS=2.01
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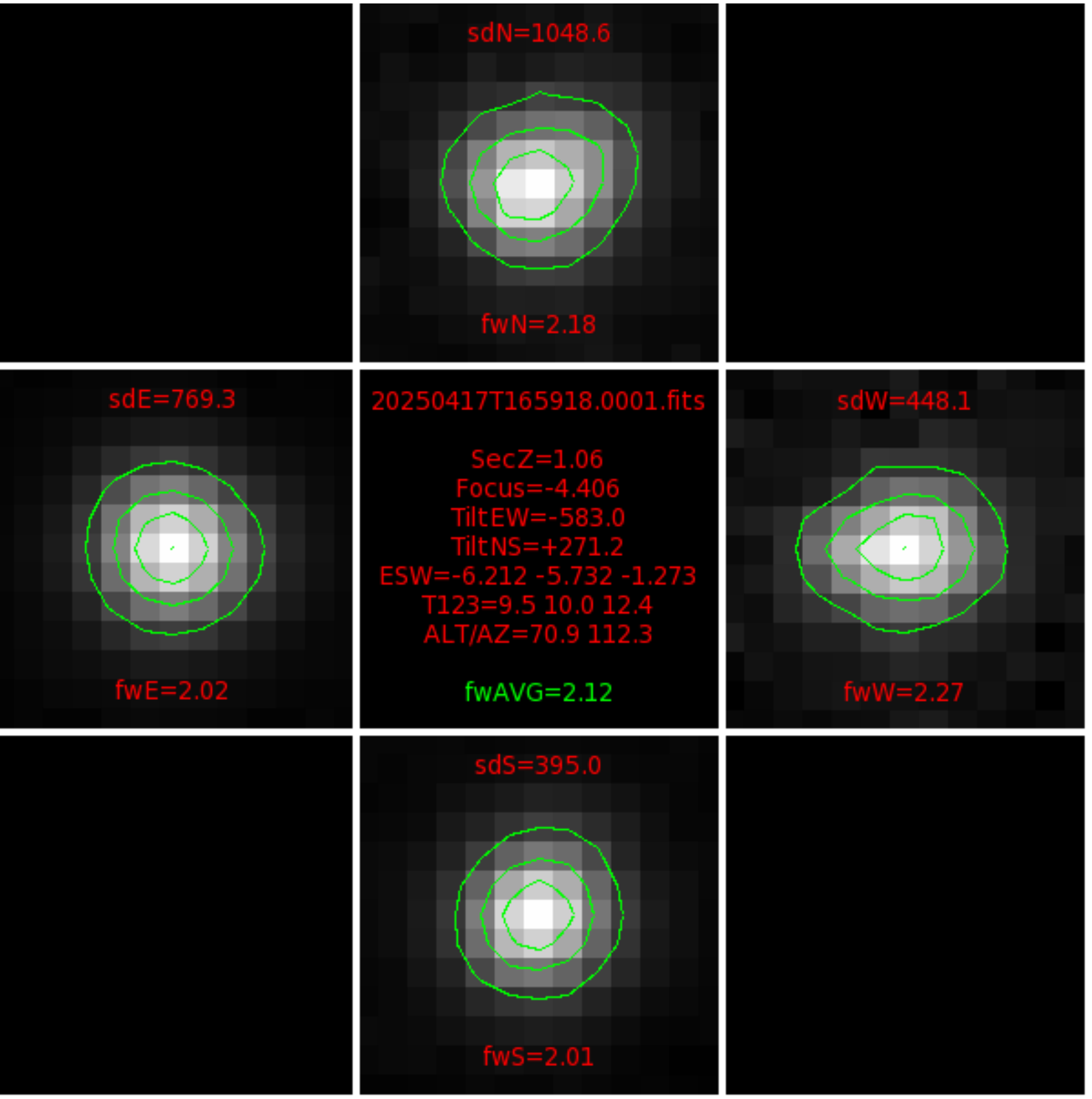
sdN=1048.6
fwN=2.18
sdE=769.3
fwE=2.02
20250417T165918.0001.fits
SecZ=1.06
Focus=-4.406
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.212 -5.732 -1.273
T123=9.5 10.0 12.4
ALT/AZ=70.9 112.3
fwAVG=2.12
sdW=448.1
fwW=2.27
sdS=395.0
fwS=2.01
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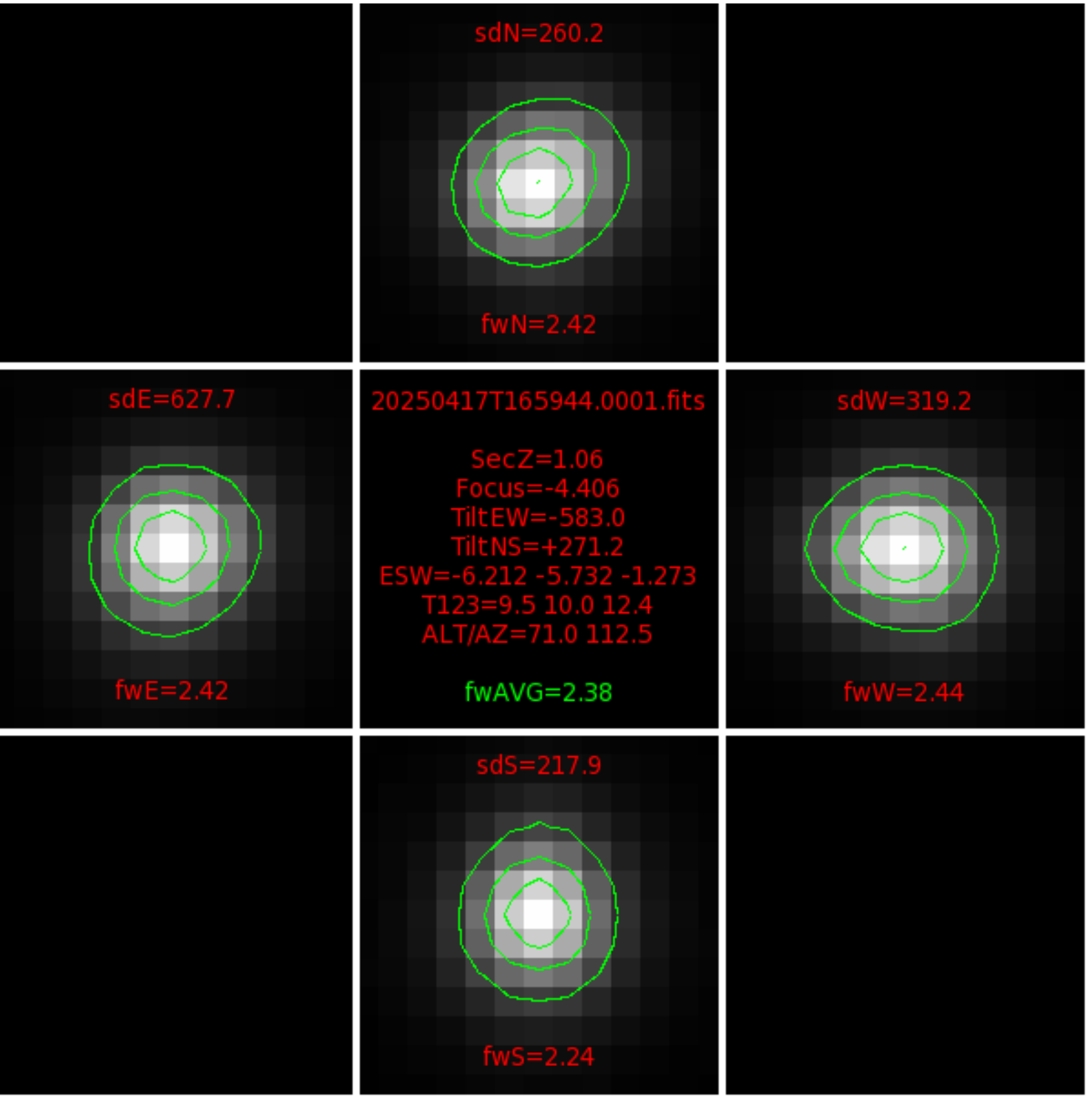
sdN=260.2
fwN=2.42
sdE=627.7
fwE=2.42
20250417T165944.0001.fits
SecZ=1.06
Focus=-4.406
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.212 -5.732 -1.273
T123=9.5 10.0 12.4
ALT/AZ=71.0 112.5
fwAVG=2.38
sdW=319.2
fwW=2.44
sdS=217.9
fwS=2.24
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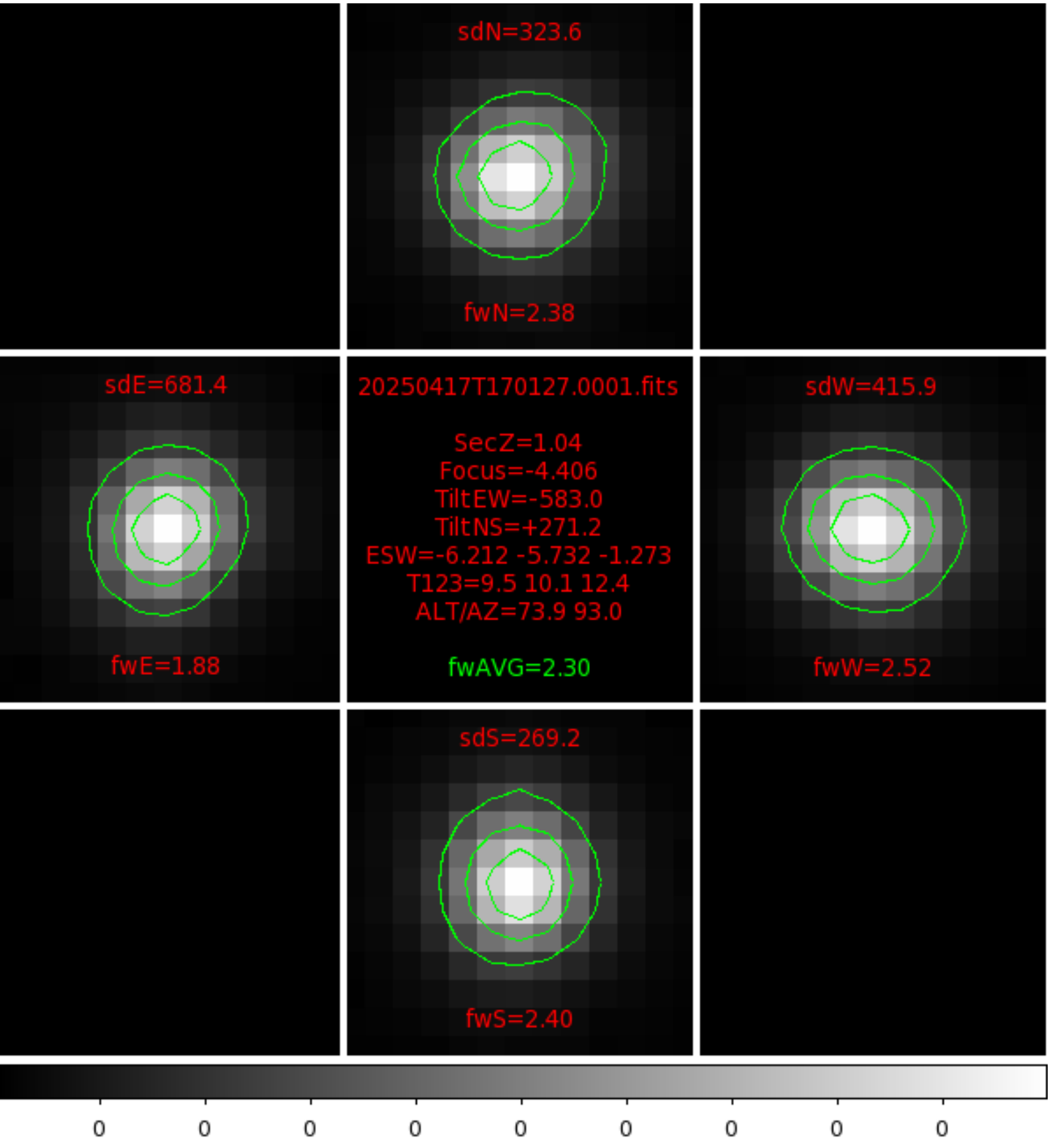
sdN=323.6
fwN=2.38
sdE=681.4
fwE=1.88
20250417T170127.0001.fits
SecZ=1.04
Focus=-4.406
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.212 -5.732 -1.273
T123=9.5 10.1 12.4
ALT/AZ=73.9 93.0
fwAVG=2.30
sdW=415.9
fwW=2.52
sdS=269.2
fwS=2.40
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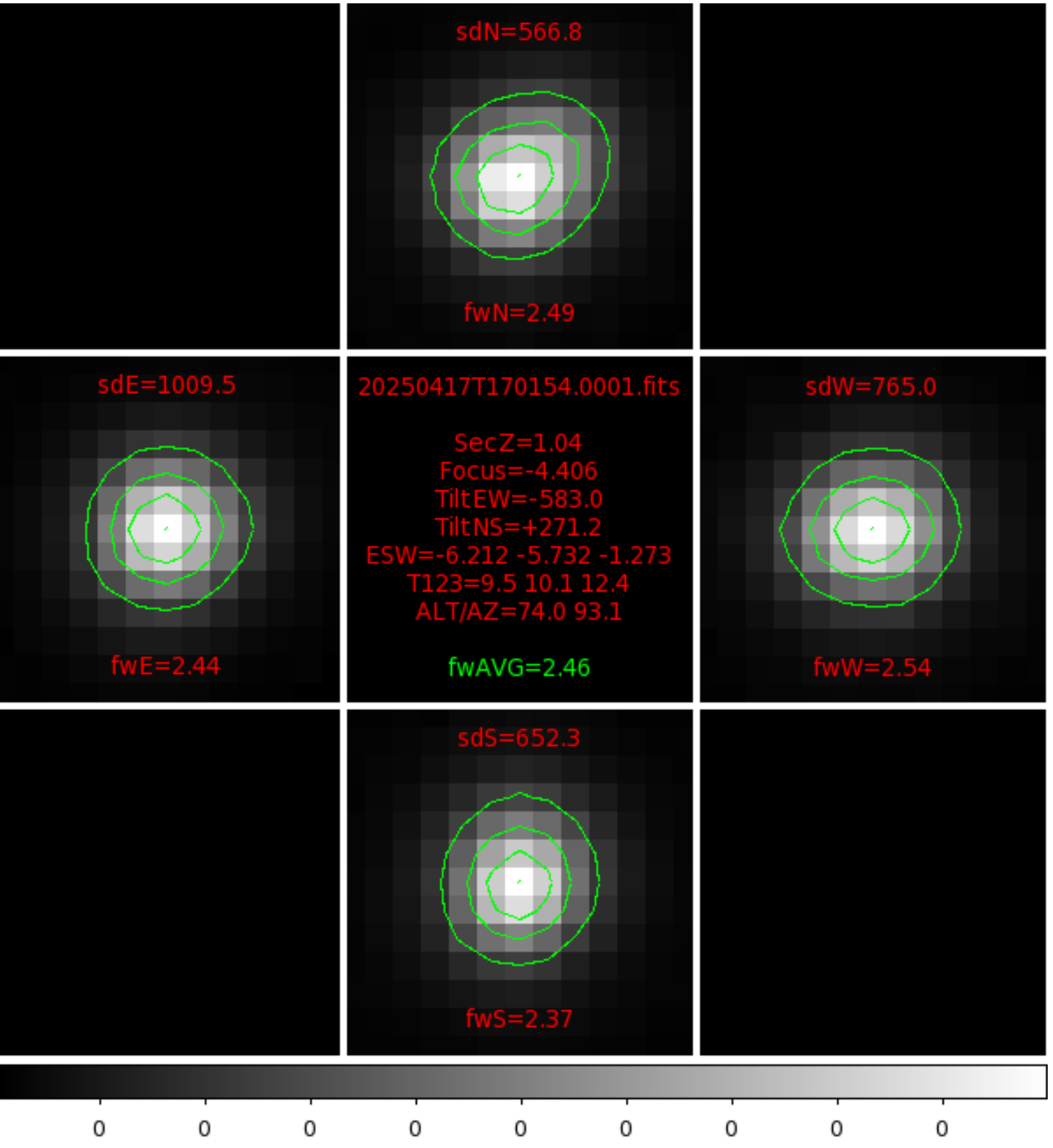
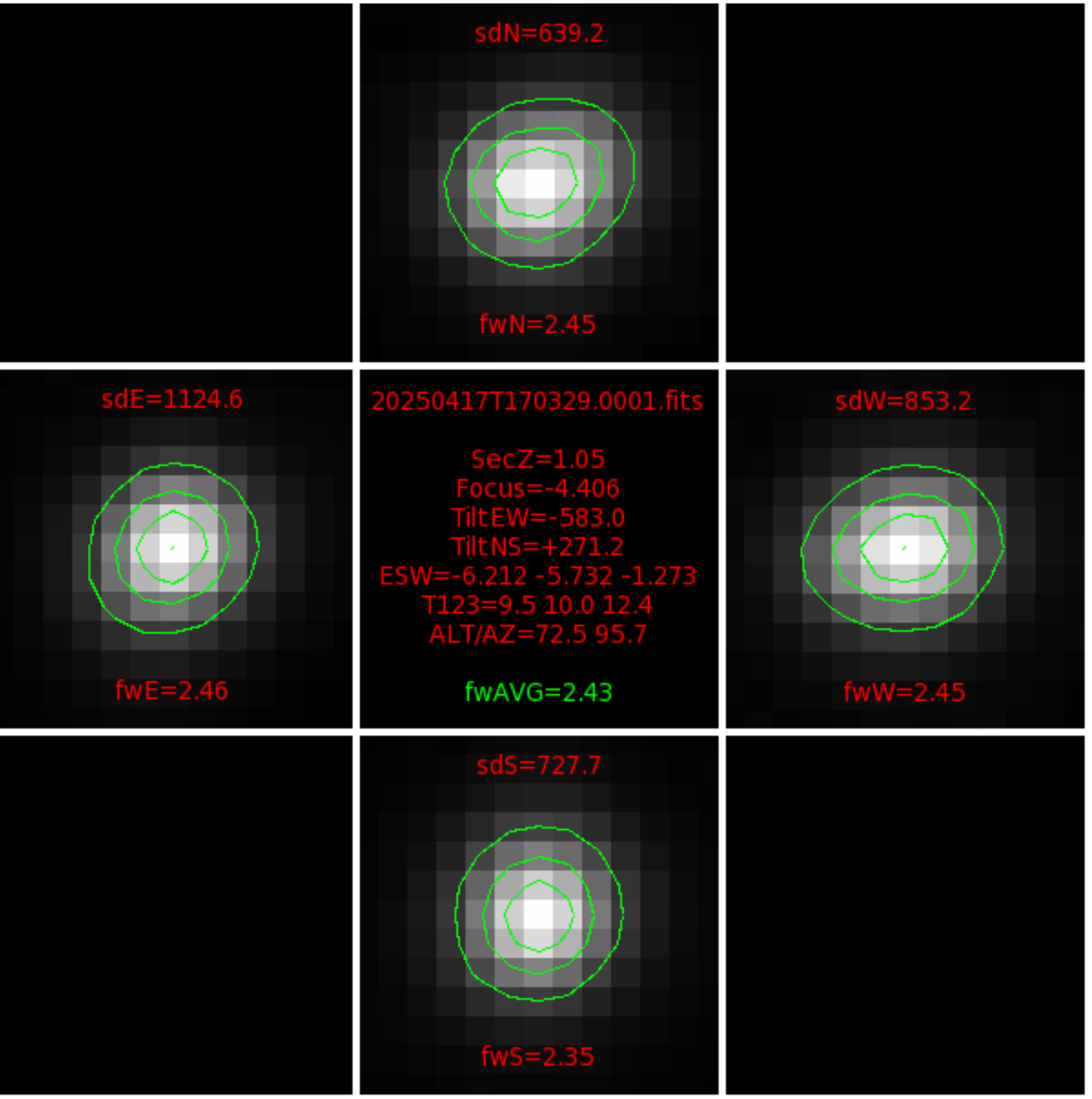

sdN=566.8
fwN=2.49
sdE=1009.5
fwE=2.44
20250417T170154.0001.fits
SecZ=1.04
Focus=-4.406
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.212 -5.732 -1.273
T123=9.5 10.1 12.4
ALT/AZ=74.0 93.1
fwAVG=2.46
sdW=765.0
fwW=2.54
sdS=652.3
fwS=2.37
0 0 0 0 0 0 0 0 0


sdN=639.2
fwN=2.45
sdE=1124.6
fwE=2.46
20250417T170329.0001.fits
SecZ=1.05
Focus=-4.406
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.212 -5.732 -1.273
T123=9.5 10.0 12.4
ALT/AZ=72.5 95.7
fwAVG=2.43
sdW=853.2
fwW=2.45
sdS=727.7
fwS=2.35
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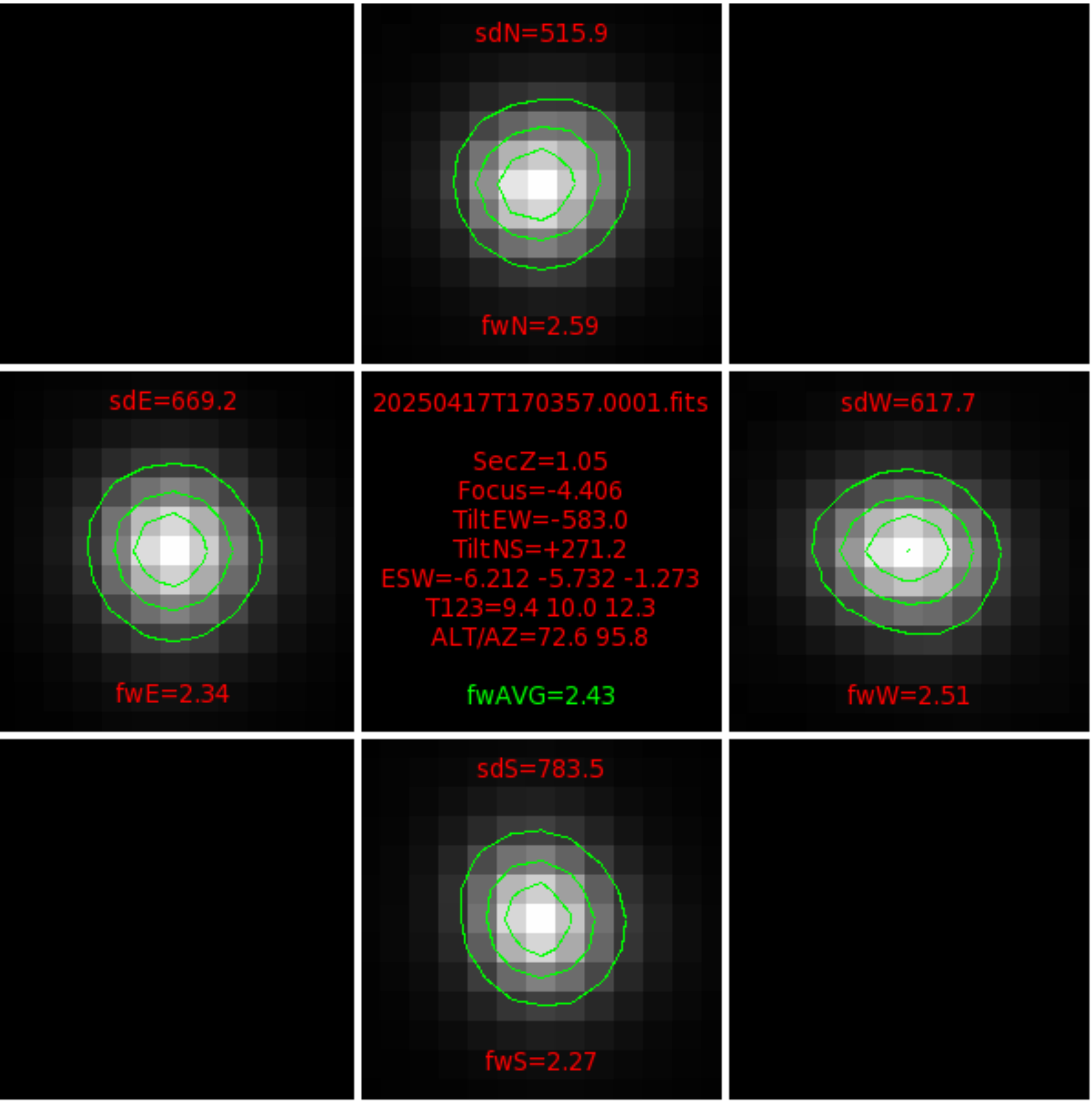
sdN=515.9
fwN=2.59
sdE=669.2
fwE=2.34
20250417T170357.0001.fits
SecZ=1.05
Focus=-4.406
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.212 -5.732 -1.273
T123=9.4 10.0 12.3
ALT/AZ=72.6 95.8
fwAVG=2.43
sdW=617.7
fwW=2.51
sdS=783.5
fwS=2.27
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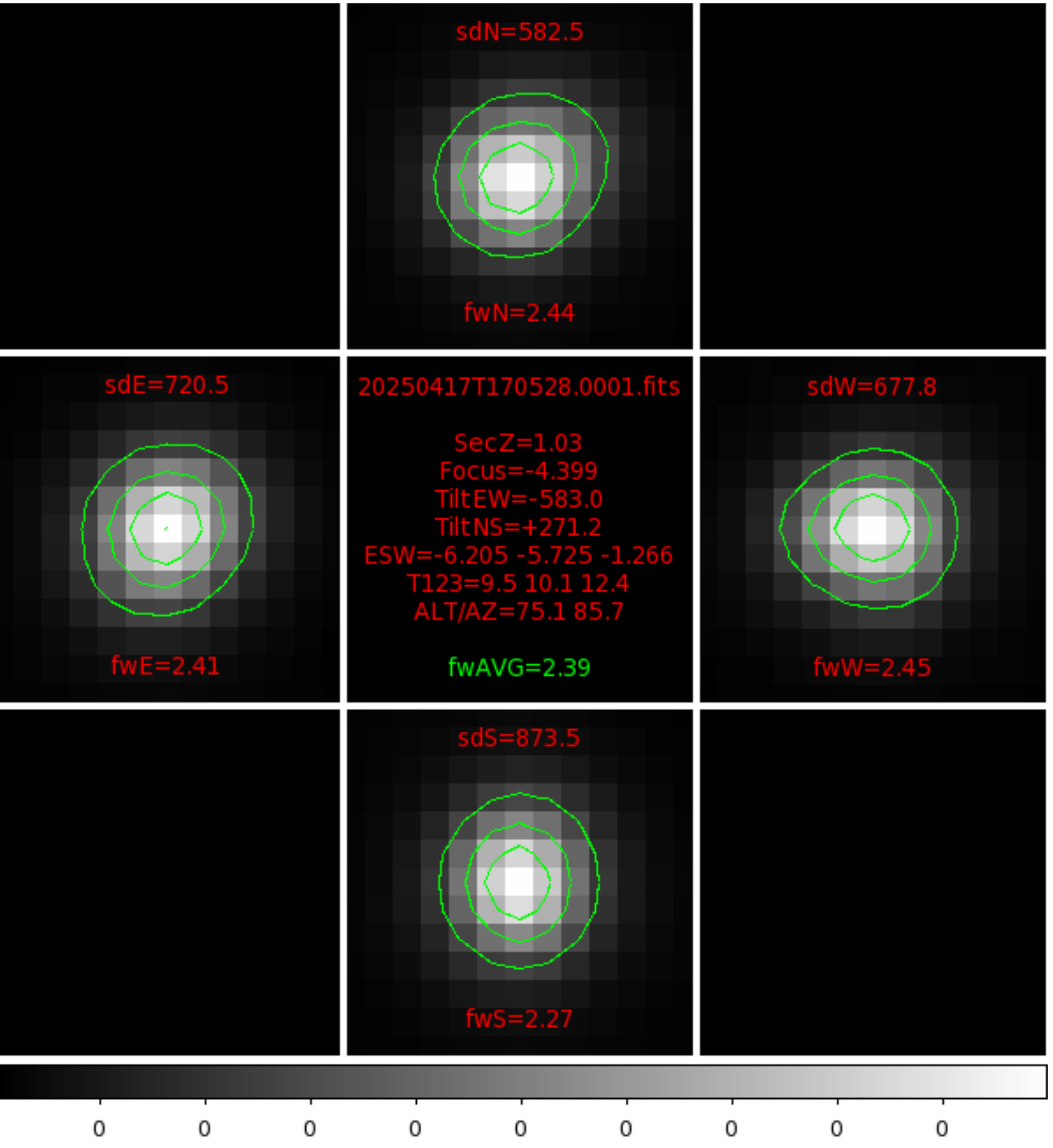
sdN=582.5
fwN=2.44
sdE=720.5
fwE=2.41
20250417T170528.0001.fits
SecZ=1.03
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.5 10.1 12.4
ALT/AZ=75.1 85.7
fwAVG=2.39
sdW=677.8
fwW=2.45
sdS=873.5
fwS=2.27
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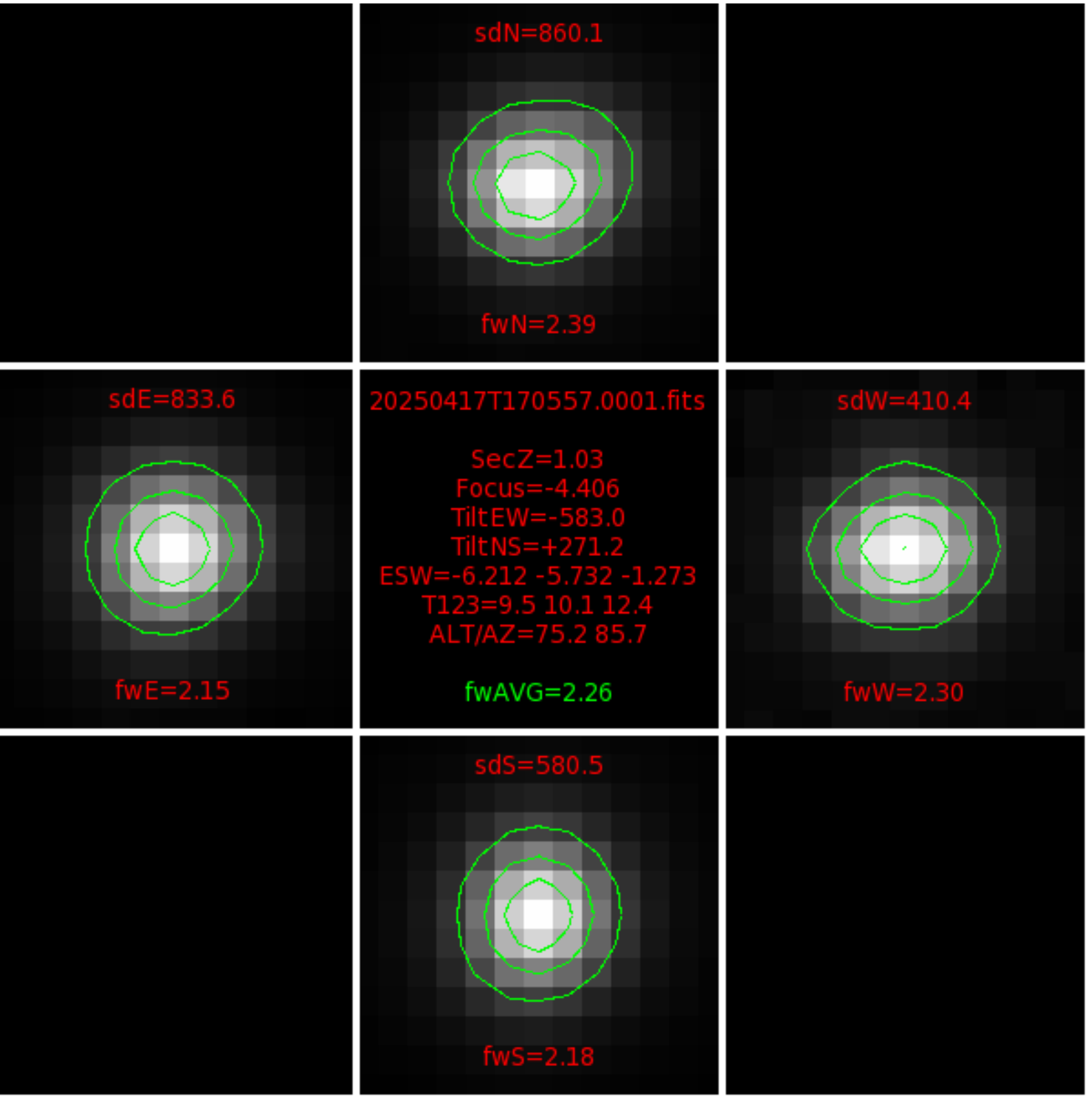
sdN=860.1
fwN=2.39
sdE=833.6
fwE=2.15
20250417T170557.0001.fits
SecZ=1.03
Focus=-4.406
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.212 -5.732 -1.273
T123=9.5 10.1 12.4
ALT/AZ=75.2 85.7
fwAVG=2.26
sdW=410.4
fwW=2.30
sdS=580.5
fwS=2.18
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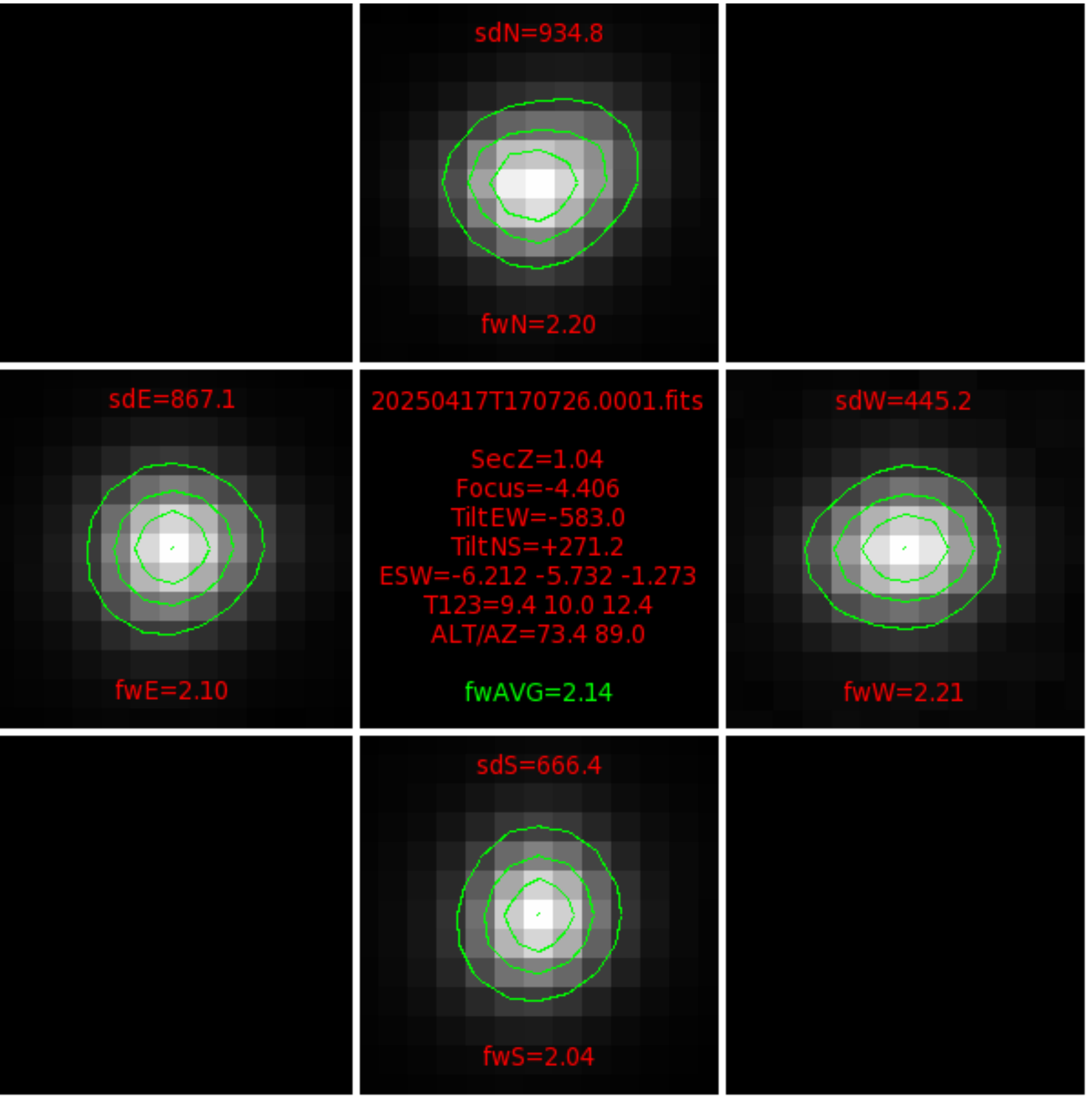
sdN=934.8
fwN=2.20
sdE=867.1
fwE=2.10
20250417T170726.0001.fits
SecZ=1.04
Focus=-4.406
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.212 -5.732 -1.273
T123=9.4 10.0 12.4
ALT/AZ=73.4 89.0
fwAVG=2.14
sdW=445.2
fwW=2.21
sdS=666.4
fwS=2.04
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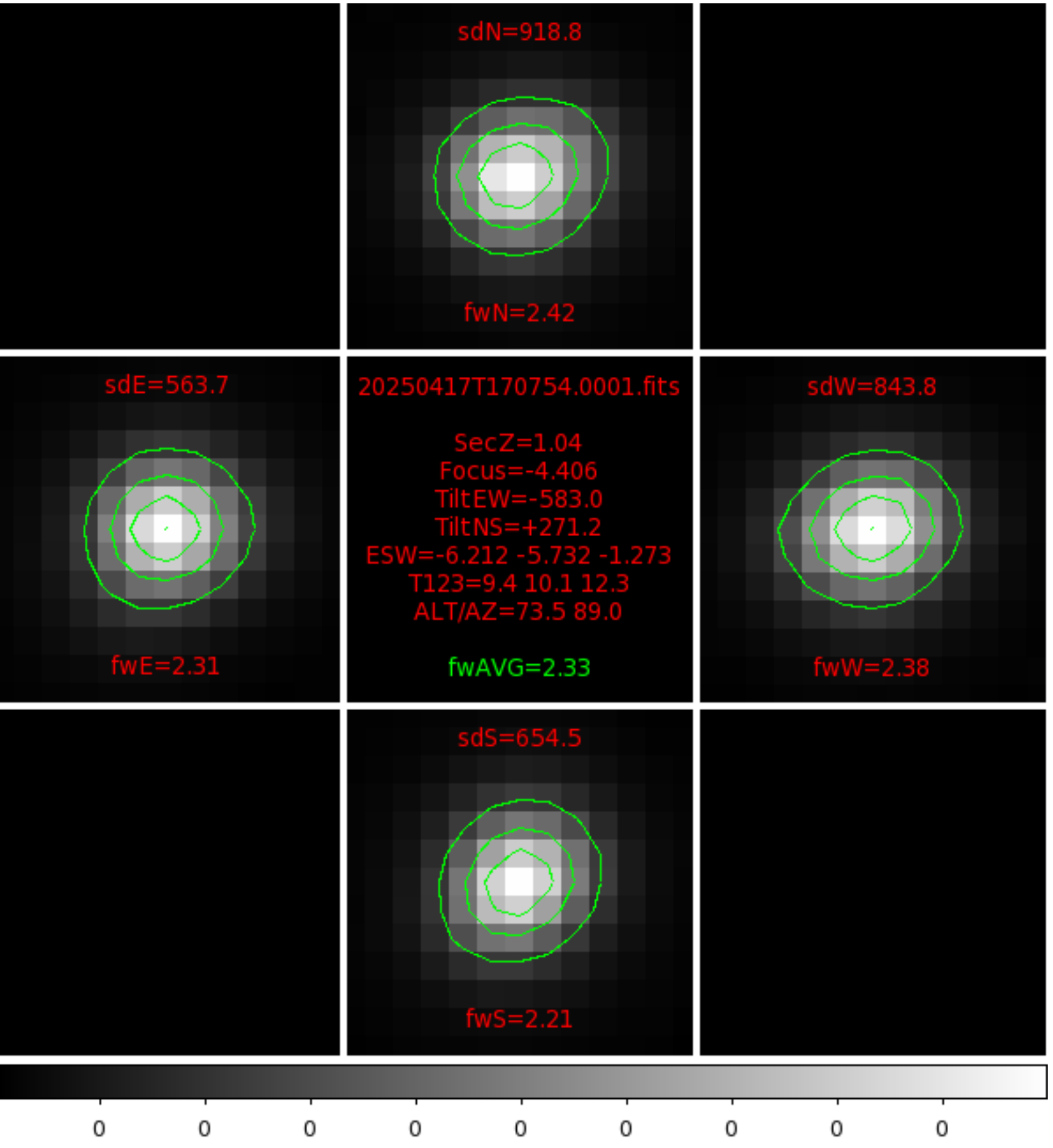
sdN=918.8
fwN=2.42
sdE=563.7
fwE=2.31
20250417T170754.0001.fits
SecZ=1.04
Focus=-4.406
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.212 -5.732 -1.273
T123=9.4 10.1 12.3
ALT/AZ=73.5 89.0
fwAVG=2.33
sdW=843.8
fwW=2.38
sdS=654.5
fwS=2.21
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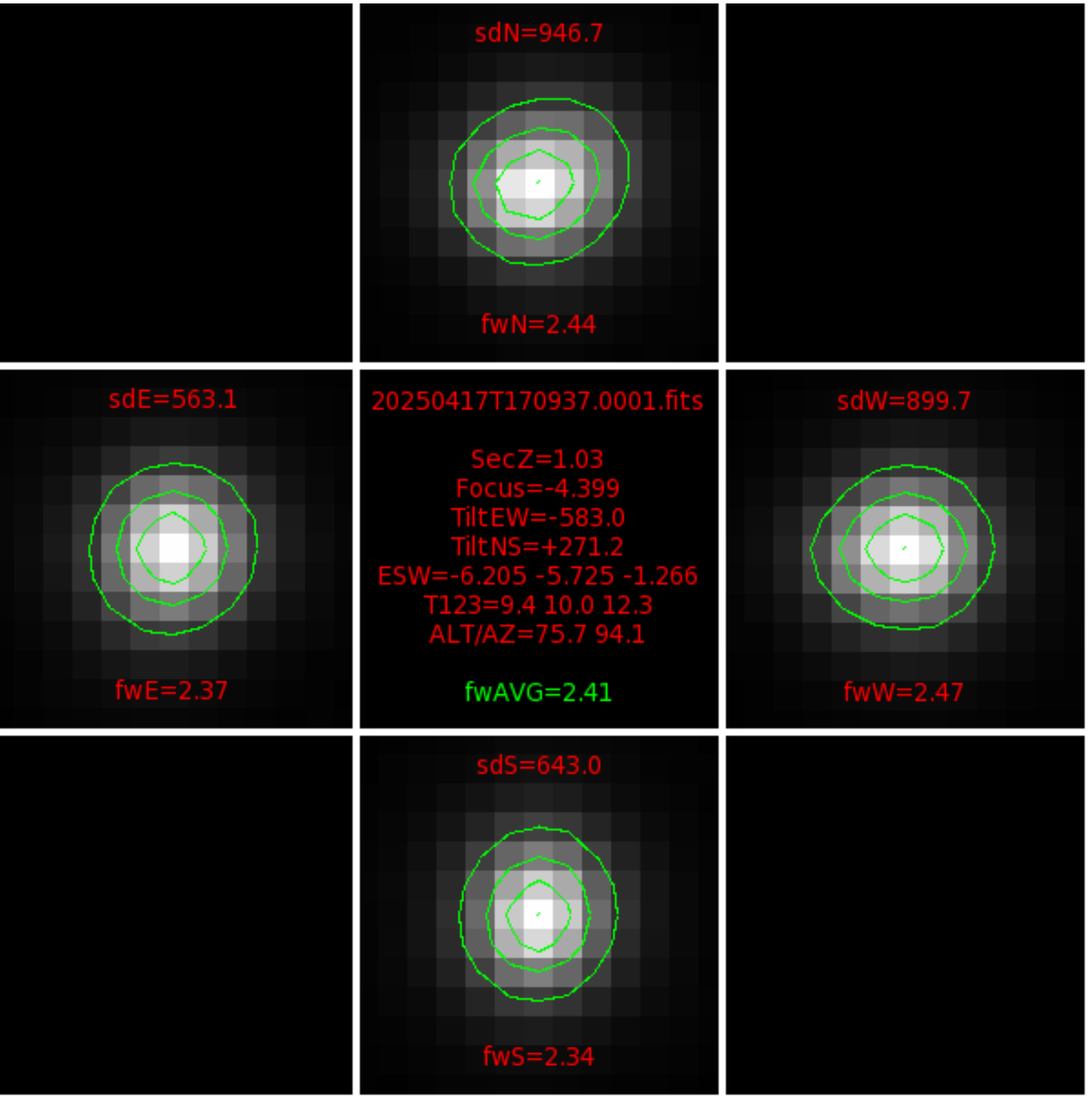
sdN=946.7
fwN=2.44
sdE=563.1
fwE=2.37
20250417T170937.0001.fits
SecZ=1.03
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.0 12.3
ALT/AZ=75.7 94.1
fwAVG=2.41
sdW=899.7
fwW=2.47
sdS=643.0
fwS=2.34
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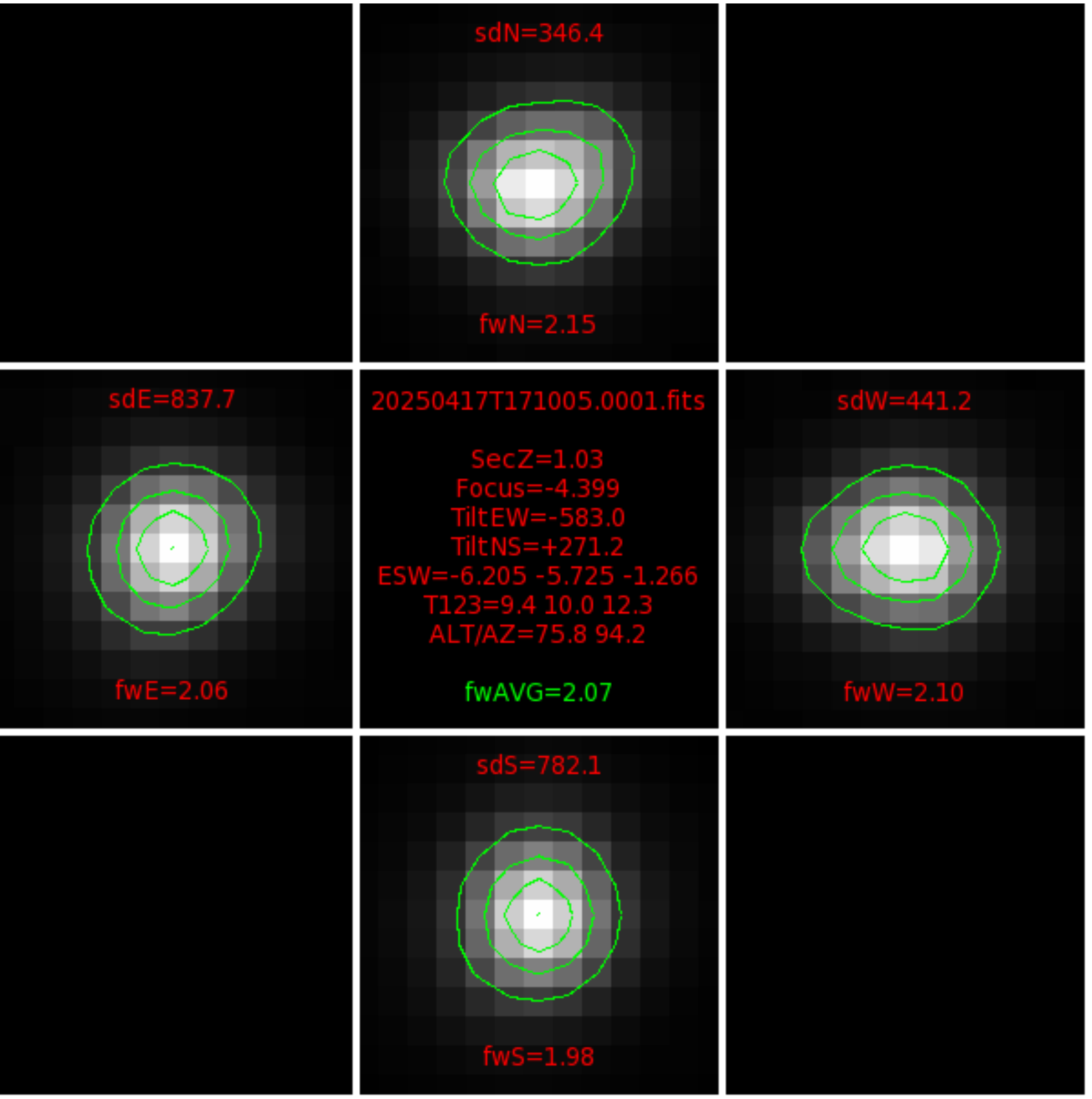
sdN=346.4
fwN=2.15
sdE=837.7
fwE=2.06
20250417T171005.0001.fits
SecZ=1.03
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.0 12.3
ALT/AZ=75.8 94.2
fwAVG=2.07
sdW=441.2
fwW=2.10
sdS=782.1
fwS=1.98
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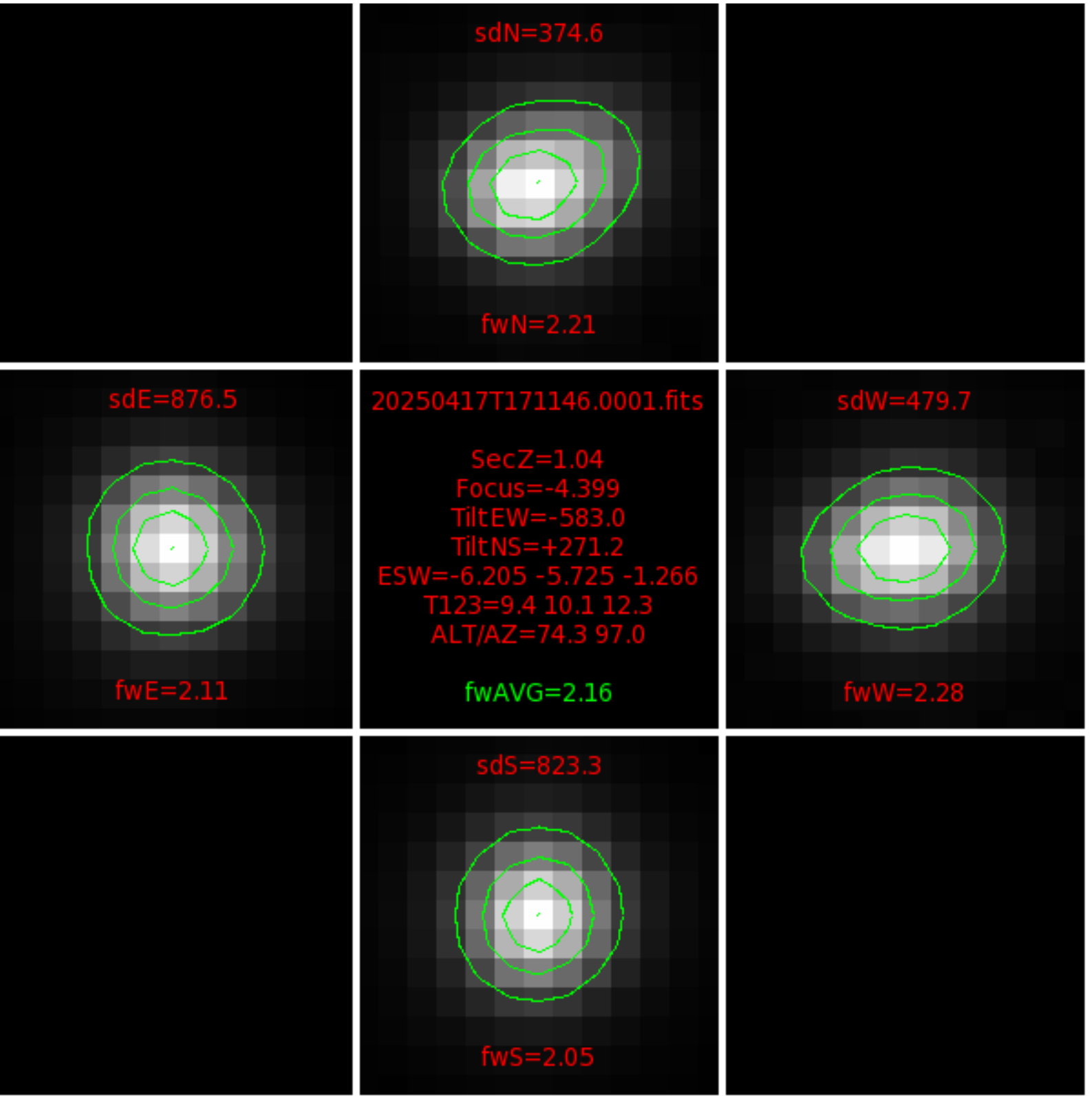
sdN=374.6
fwN=2.21
sdE=876.5
fwE=2.11
20250417T171146.0001.fits
SecZ=1.04
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.1 12.3
ALT/AZ=74.3 97.0
fwAVG=2.16
sdW=479.7
fwW=2.28
sdS=823.3
fwS=2.05
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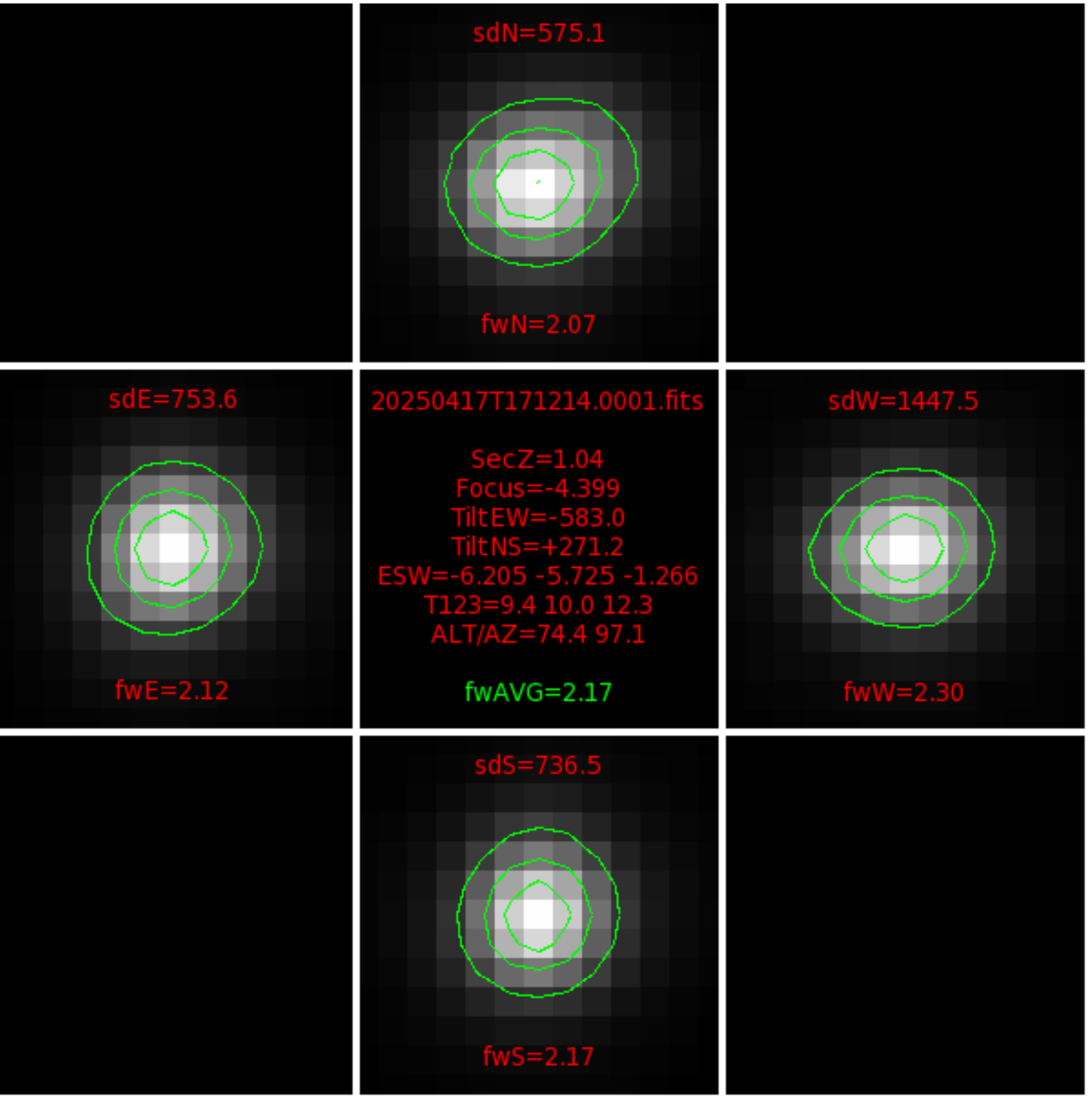
sdN=575.1
fwN=2.07
sdE=753.6
fwE=2.12
20250417T171214.0001.fits
SecZ=1.04
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.0 12.3
ALT/AZ=74.4 97.1
fwAVG=2.17
sdW=1447.5
fwW=2.30
sdS=736.5
fwS=2.17
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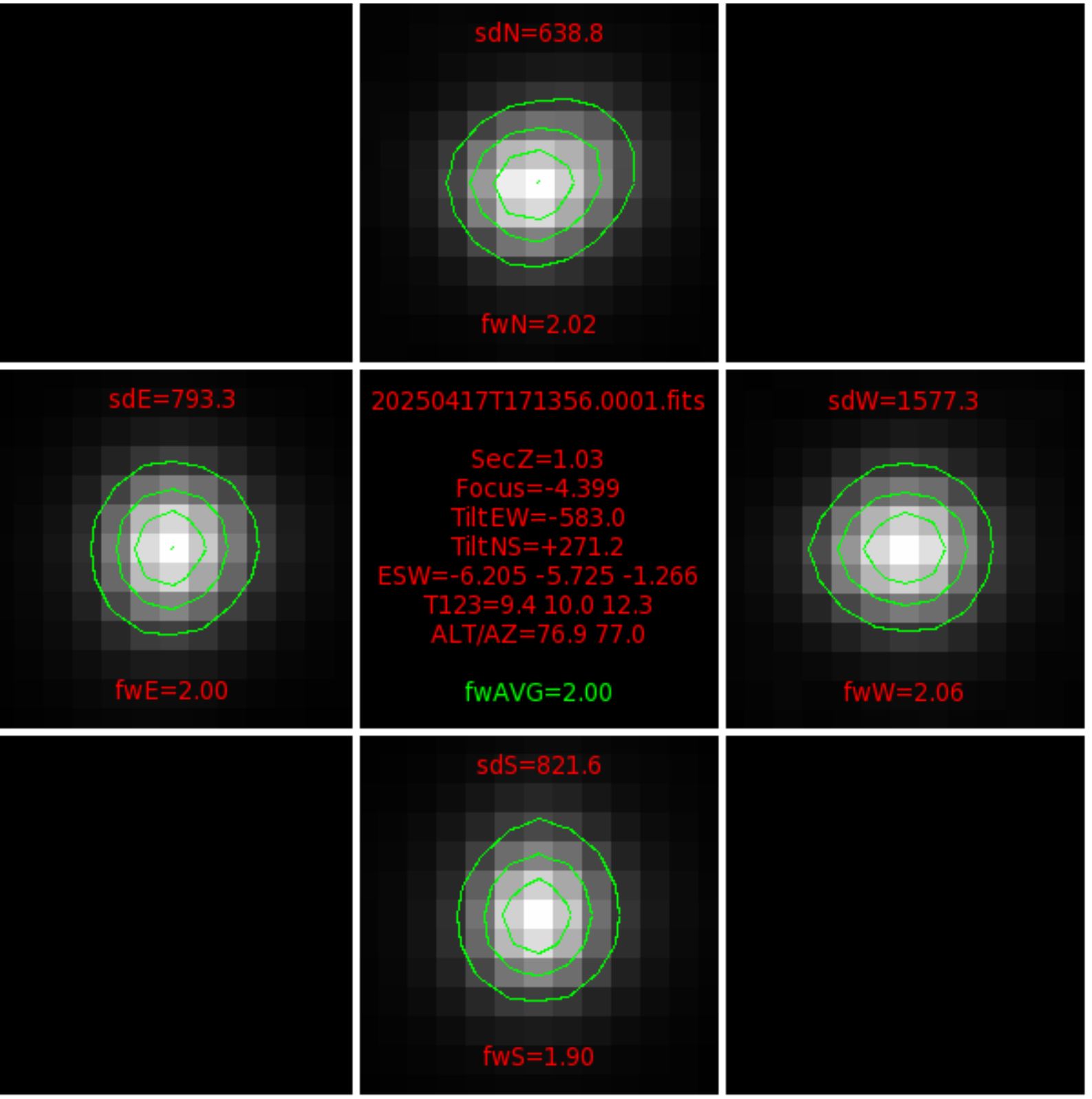
sdN=638.8
fwN=2.02
sdE=793.3
fwE=2.00
20250417T171356.0001.fits
SecZ=1.03
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.0 12.3
ALT/AZ=76.9 77.0
fwAVG=2.00
sdW=1577.3
fwW=2.06
sdS=821.6
fwS=1.90
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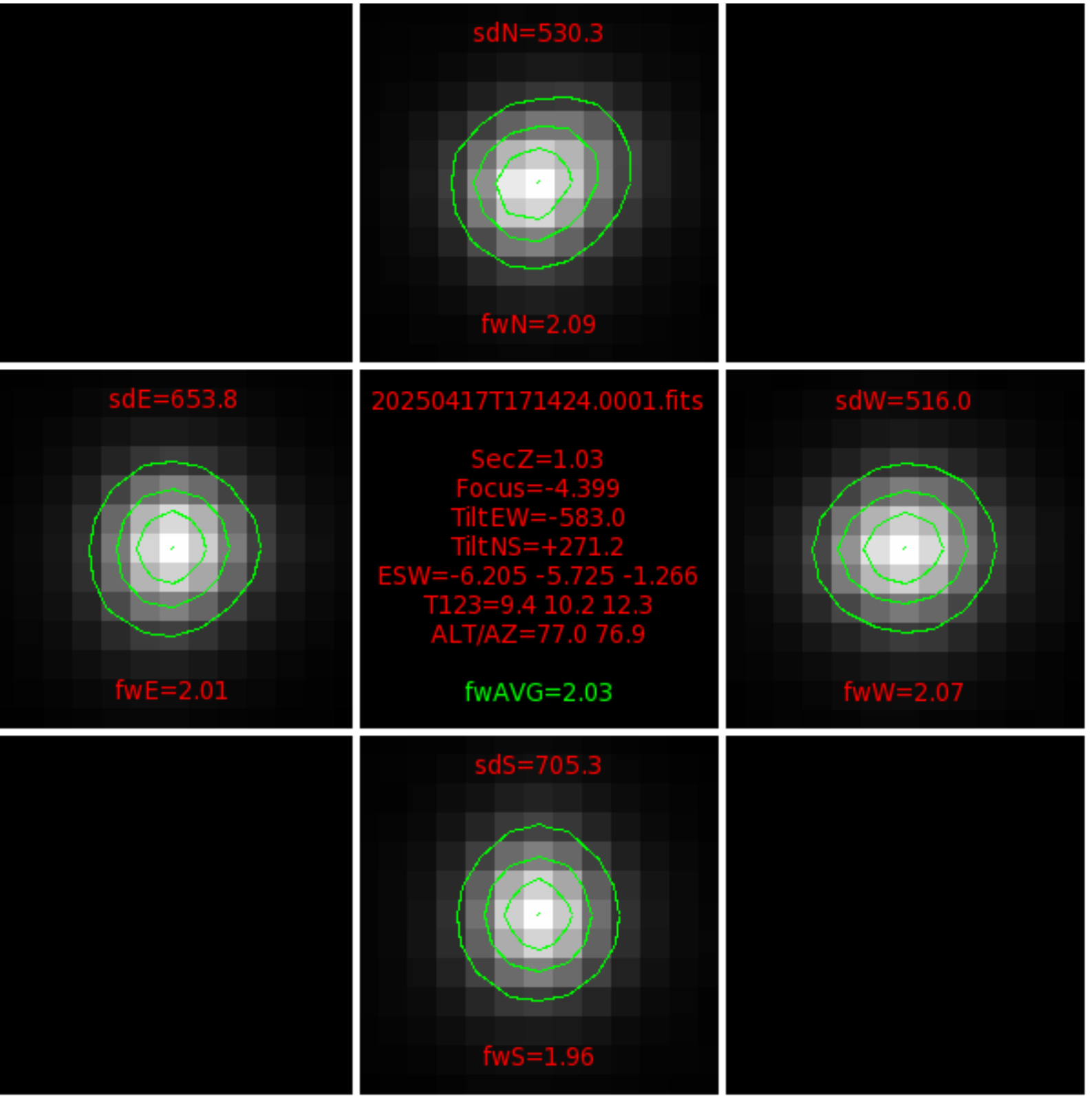
sdN=530.3
fwN=2.09
sdE=653.8
fwE=2.01
20250417T171424.0001.fits
SecZ=1.03
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.2 12.3
ALT/AZ=77.0 76.9
fwAVG=2.03
sdW=516.0
fwW=2.07
sdS=705.3
fwS=1.96
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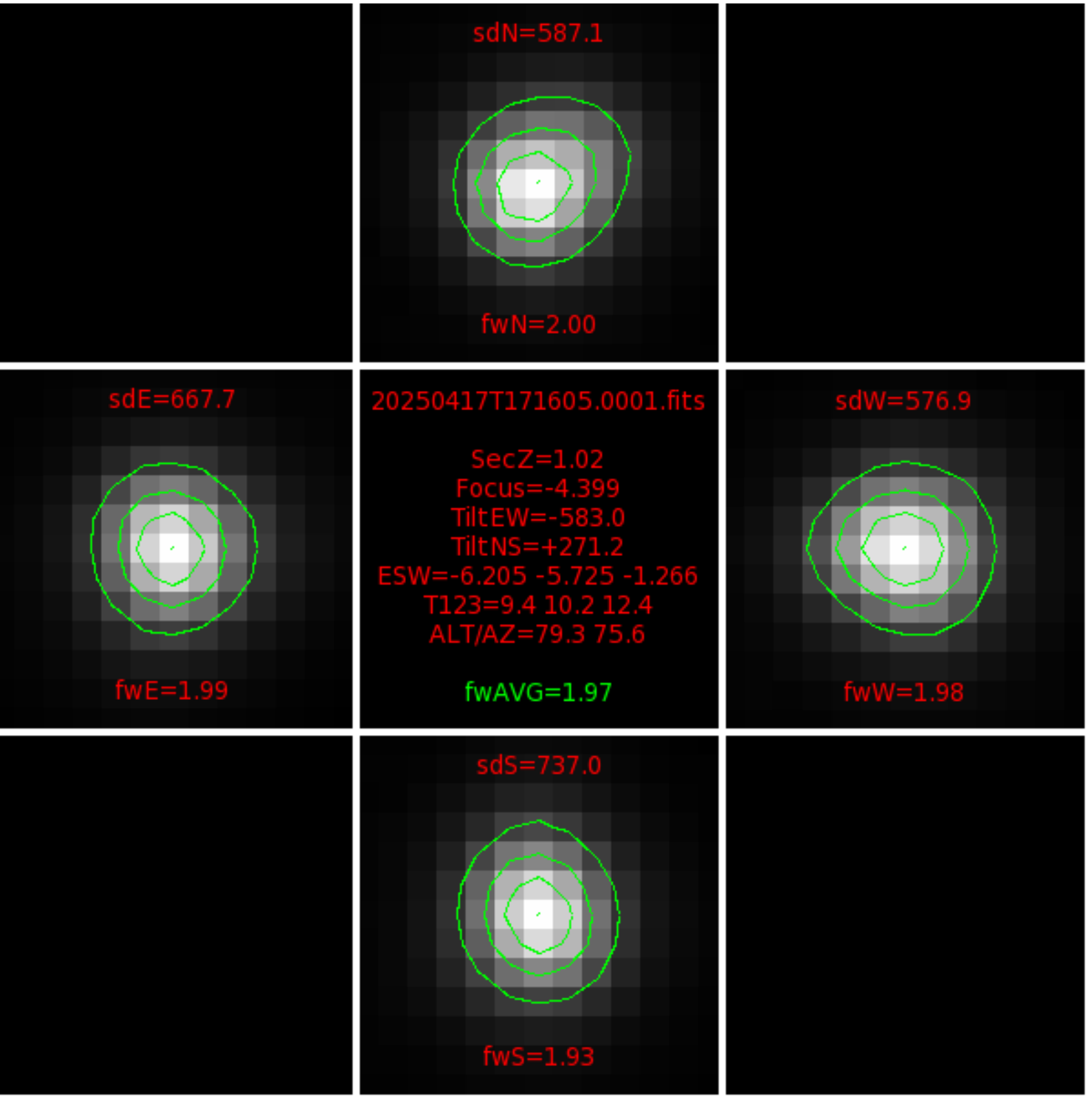
sdN=587.1
fwN=2.00
sdE=667.7
fwE=1.99
20250417T171605.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.2 12.4
ALT/AZ=79.3 75.6
fwAVG=1.97
sdW=576.9
fwW=1.98
sdS=737.0
fwS=1.93
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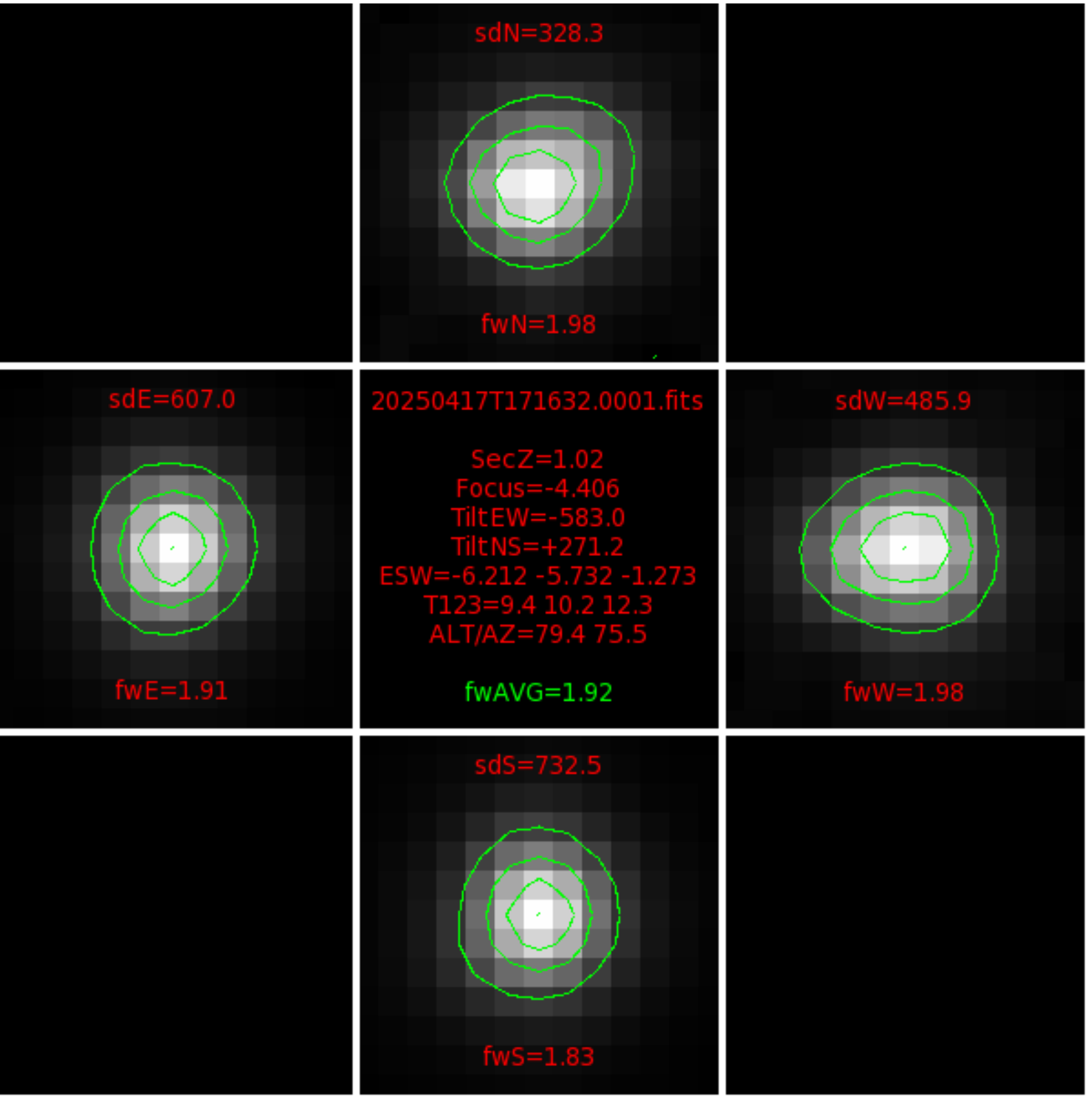
sdN=328.3
fwN=1.98
sdE=607.0
fwE=1.91
20250417T171632.0001.fits
SecZ=1.02
Focus=-4.406
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.212 -5.732 -1.273
T123=9.4 10.2 12.3
ALT/AZ=79.4 75.5
fwAVG=1.92
sdW=485.9
fwW=1.98
sdS=732.5
fwS=1.83
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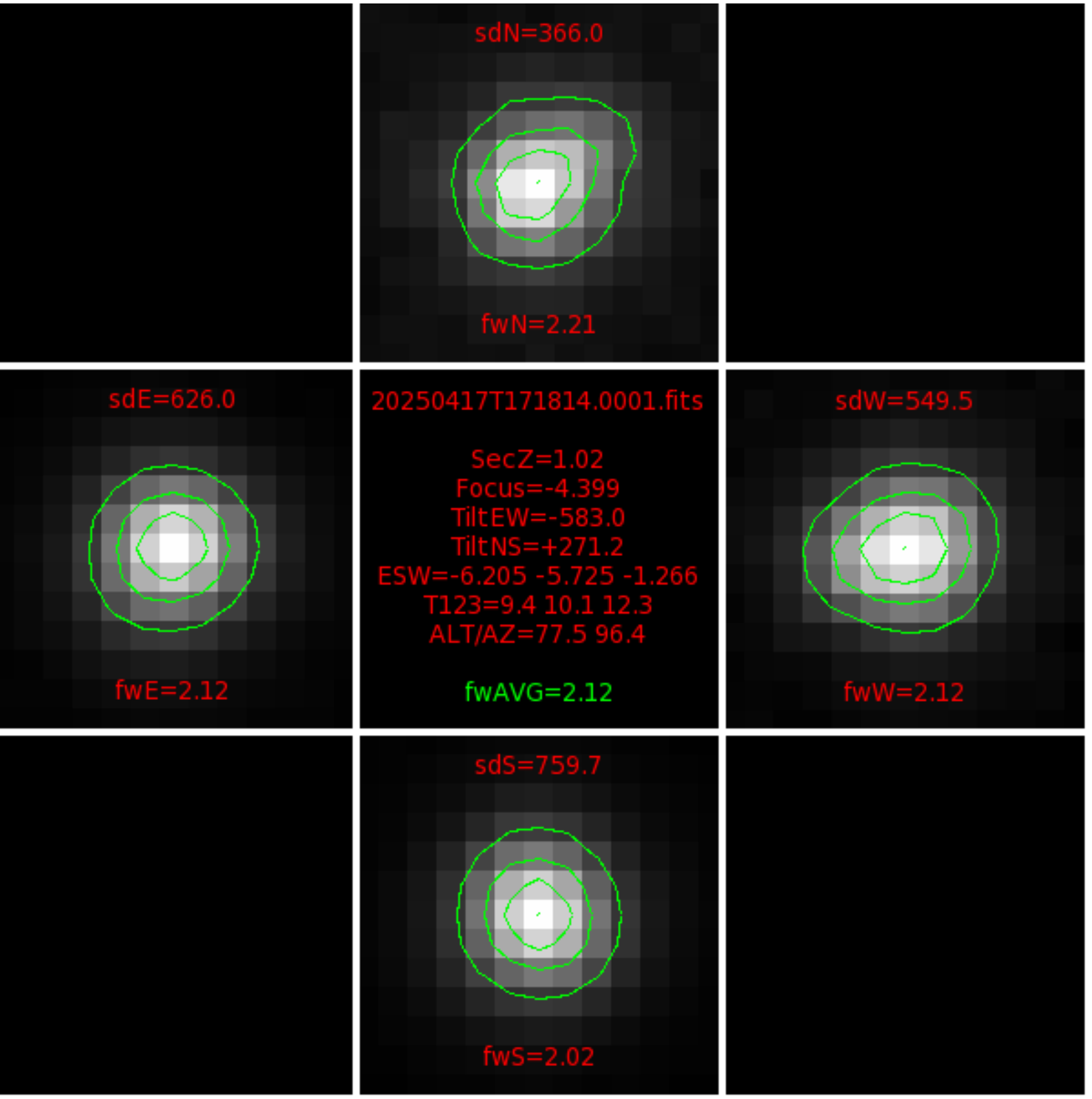
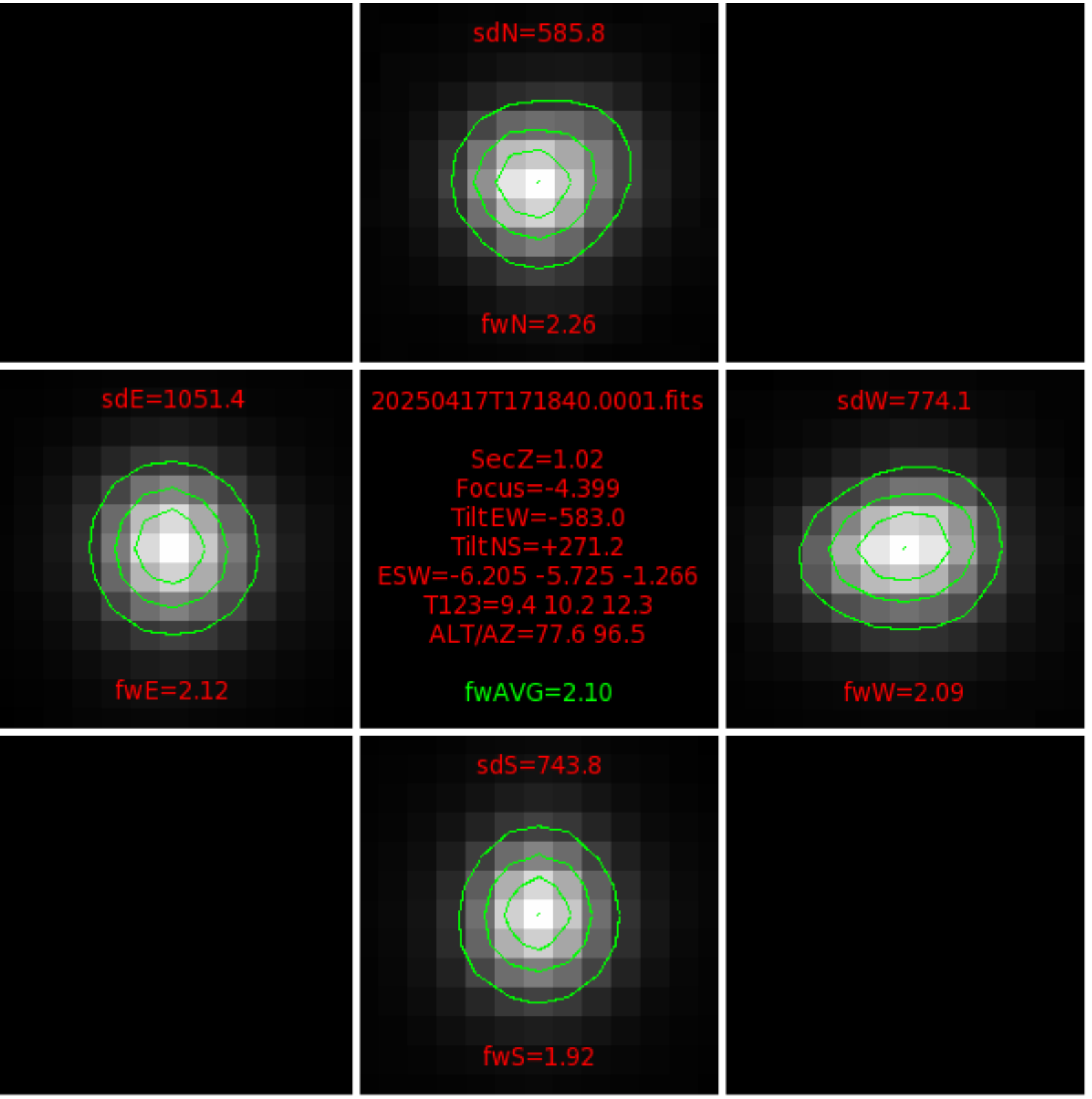

sdN=366.0
fwN=2.21
sdE=626.0
fwE=2.12
20250417T171814.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.1 12.3
ALT/AZ=77.5 96.4
fwAVG=2.12
sdW=549.5
fwW=2.12
sdS=759.7
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=585.8
fwN=2.26
sdE=1051.4
fwE=2.12
20250417T171840.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.2 12.3
ALT/AZ=77.6 96.5
fwAVG=2.10
sdW=774.1
fwW=2.09
sdS=743.8
fwS=1.92
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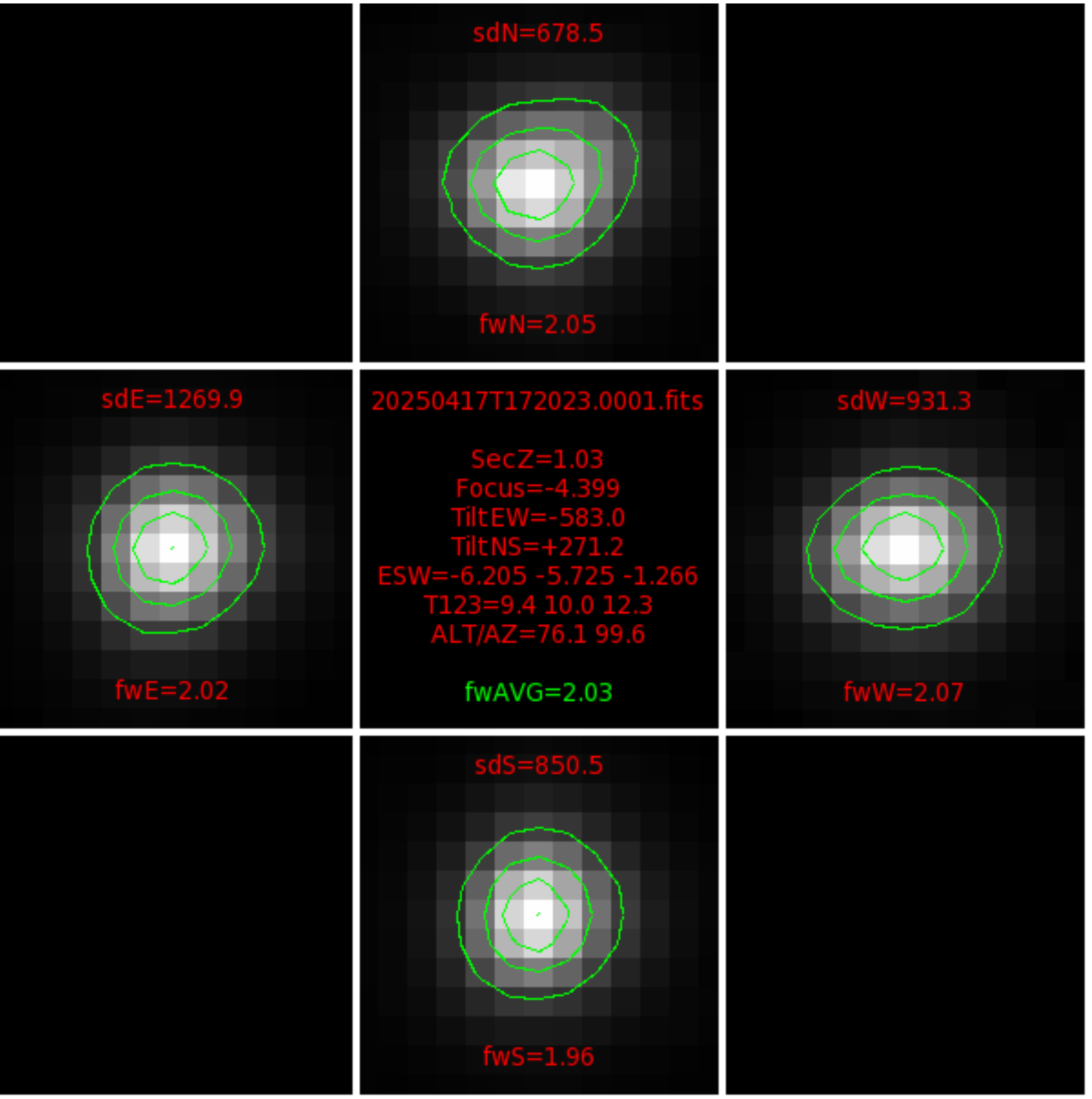
sdN=678.5
fwN=2.05
sdE=1269.9
fwE=2.02
20250417T172023.0001.fits
SecZ=1.03
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.0 12.3
ALT/AZ=76.1 99.6
fwAVG=2.03
sdW=931.3
fwW=2.07
sdS=850.5
fwS=1.96
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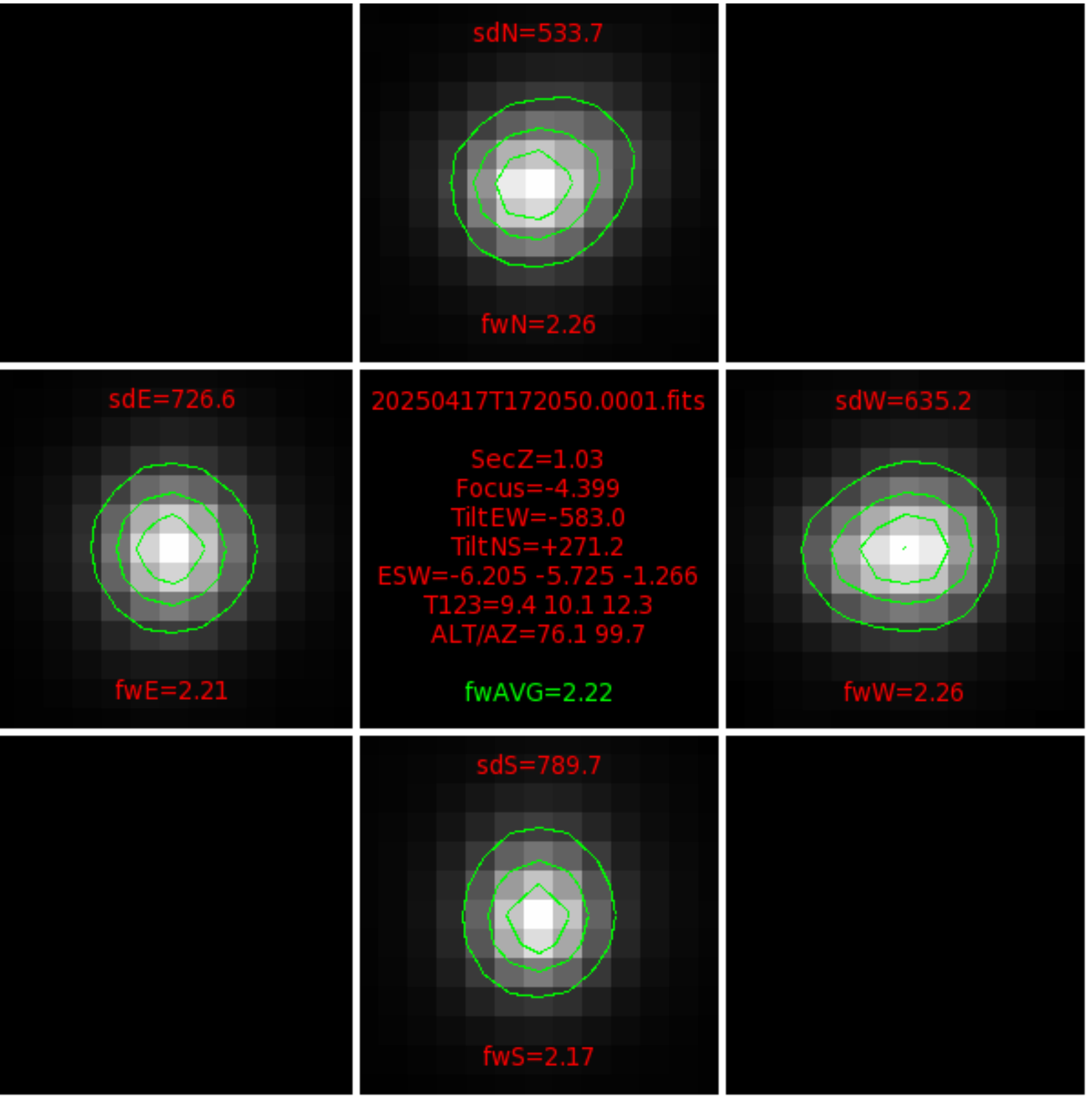
sdN=533.7
fwN=2.26
sdE=726.6
fwE=2.21
20250417T172050.0001.fits
SecZ=1.03
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.1 12.3
ALT/AZ=76.1 99.7
fwAVG=2.22
sdW=635.2
fwW=2.26
sdS=789.7
fwS=2.17
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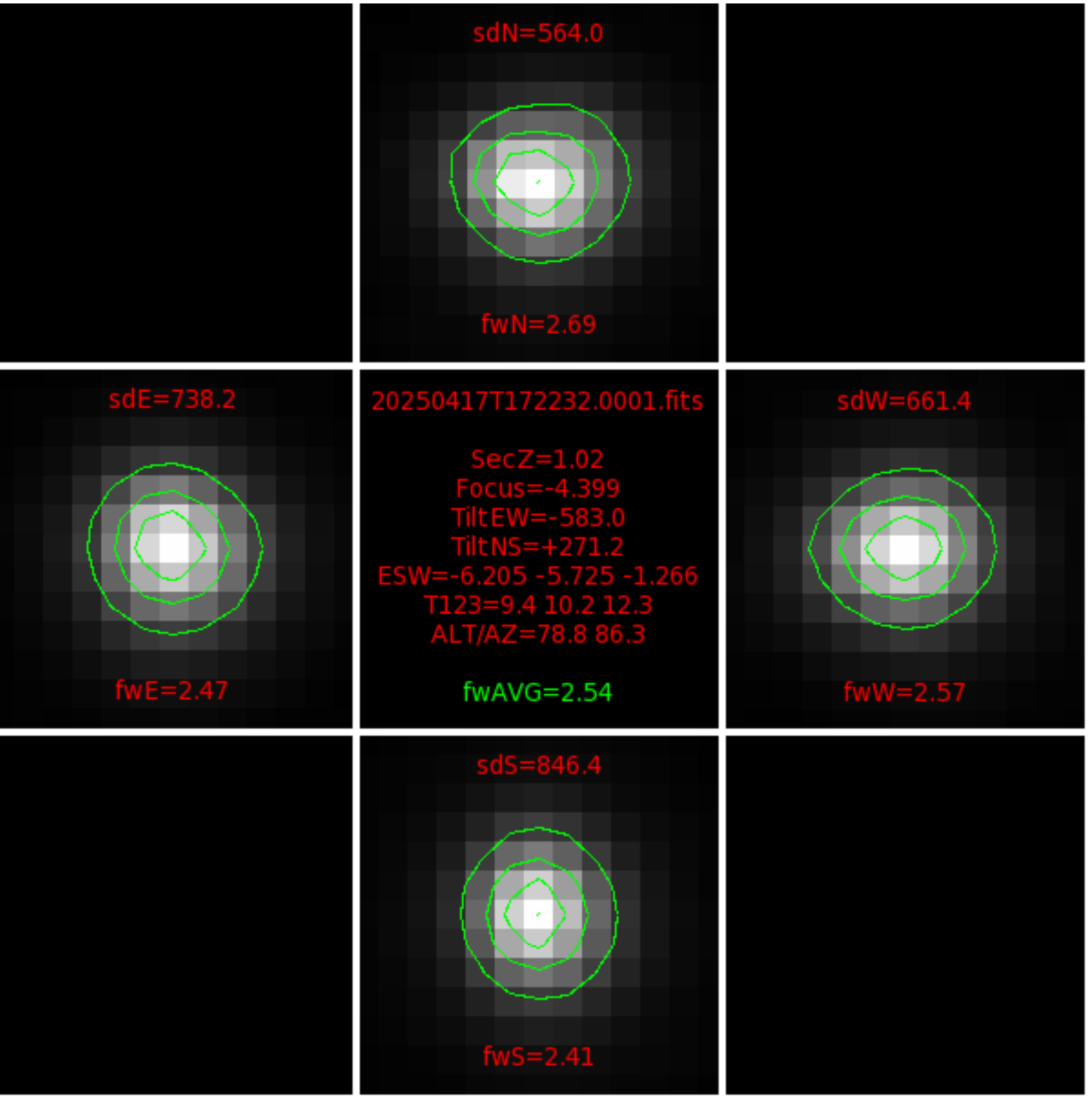
sdN=564.0
fwN=2.69
sdE=738.2
fwE=2.47
20250417T172232.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.2 12.3
ALT/AZ=78.8 86.3
fwAVG=2.54
sdW=661.4
fwW=2.57
sdS=846.4
fwS=2.41
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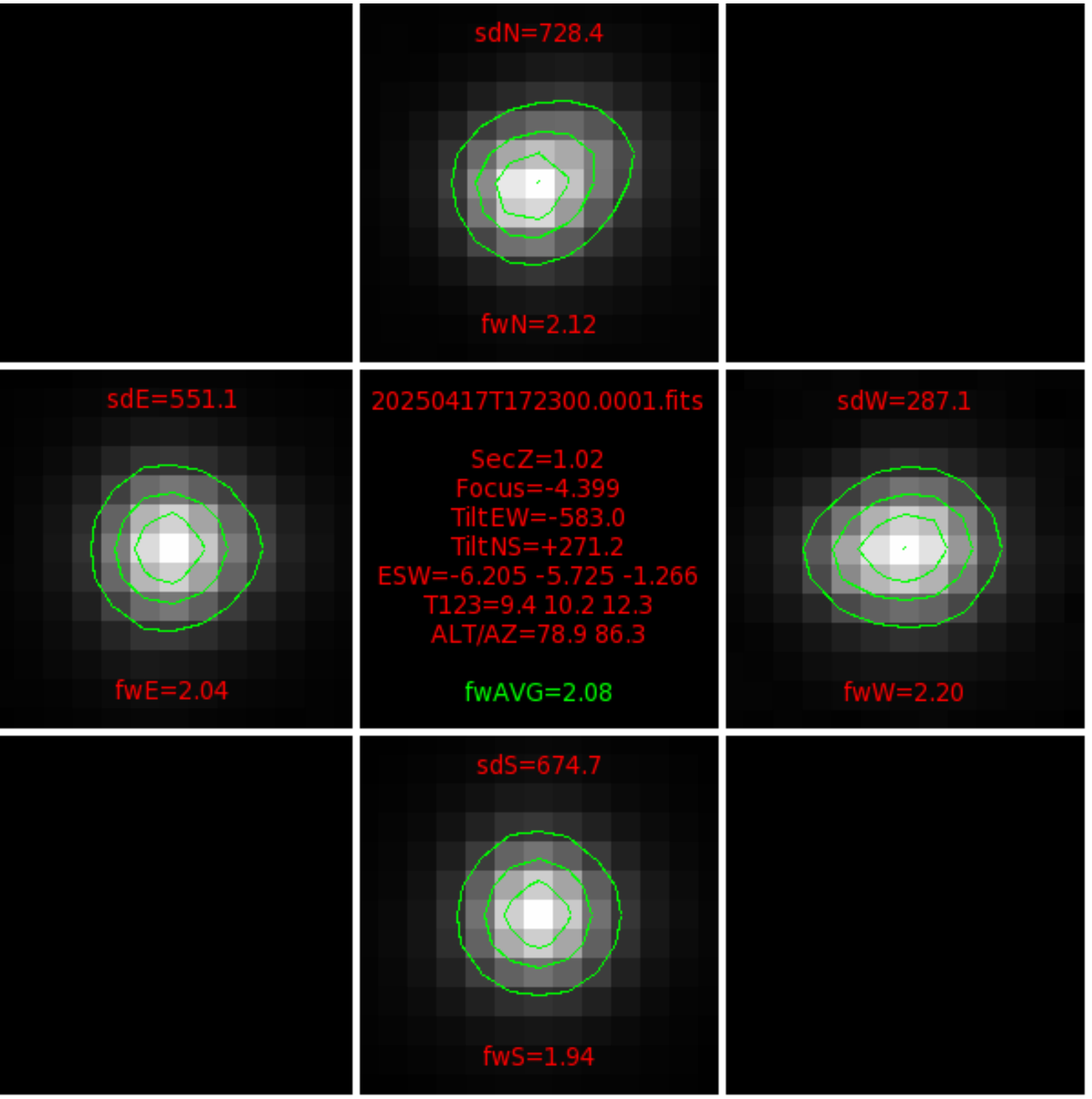
sdN=728.4
fwN=2.12
sdE=551.1
fwE=2.04
20250417T172300.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.2 12.3
ALT/AZ=78.9 86.3
fwAVG=2.08
sdW=287.1
fwW=2.20
sdS=674.7
fwS=1.94
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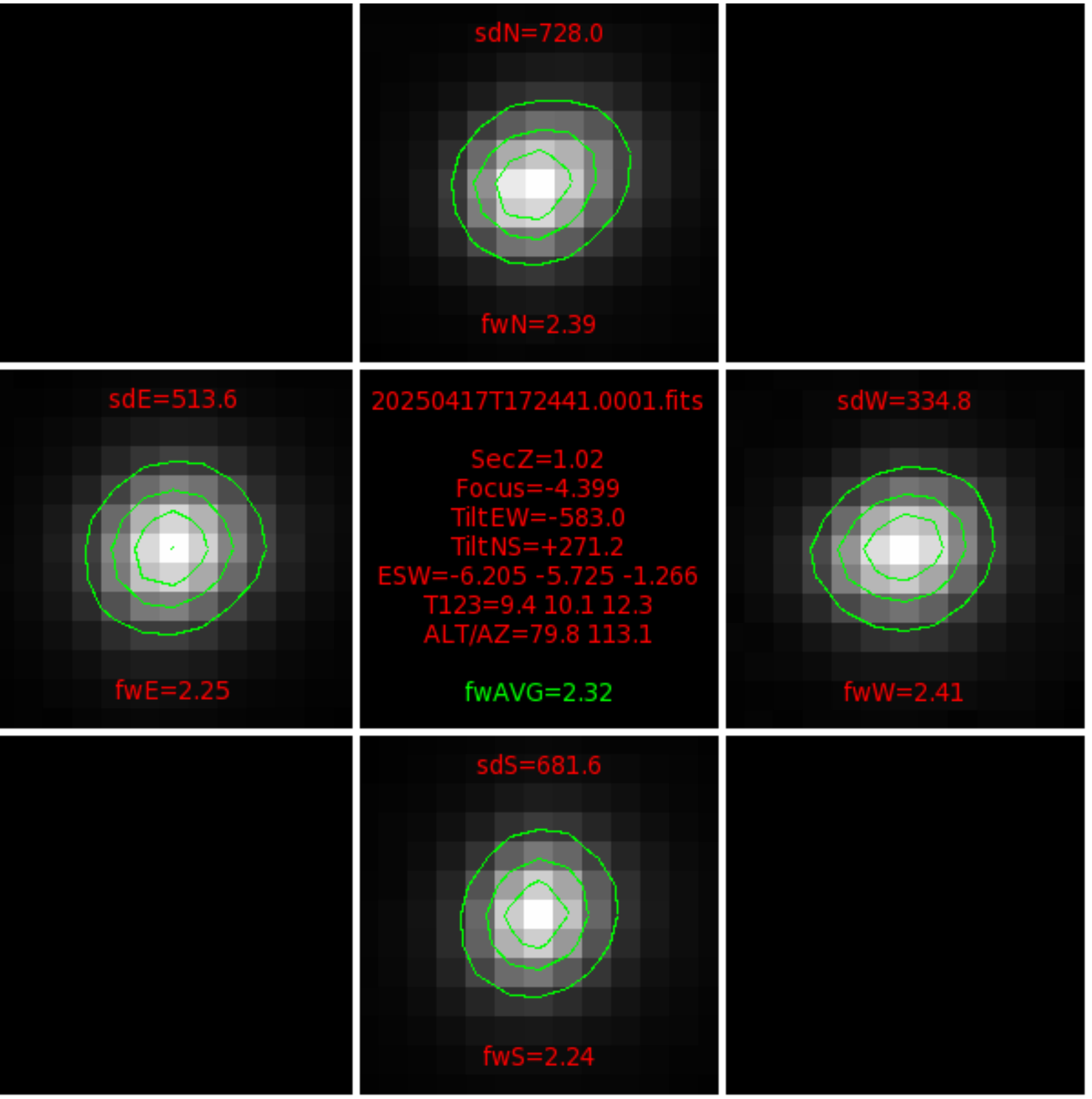
sdN=728.0
fwN=2.39
sdE=513.6
fwE=2.25
20250417T172441.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.1 12.3
ALT/AZ=79.8 113.1
fwAVG=2.32
sdW=334.8
fwW=2.41
sdS=681.6
fwS=2.24
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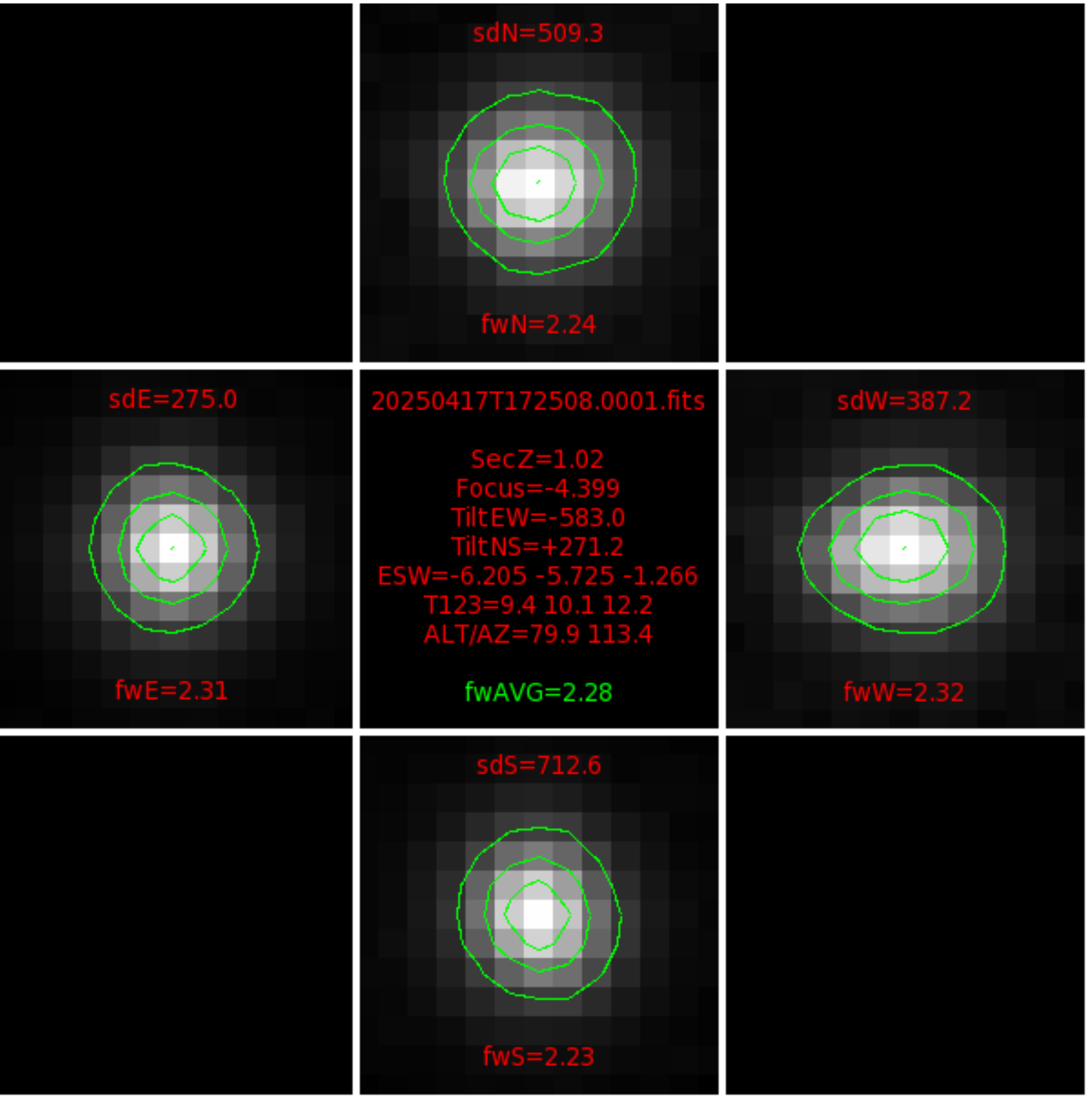
sdN=509.3
fwN=2.24
sdE=275.0
fwE=2.31
20250417T172508.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.1 12.2
ALT/AZ=79.9 113.4
fwAVG=2.28
sdW=387.2
fwW=2.32
sdS=712.6
fwS=2.23
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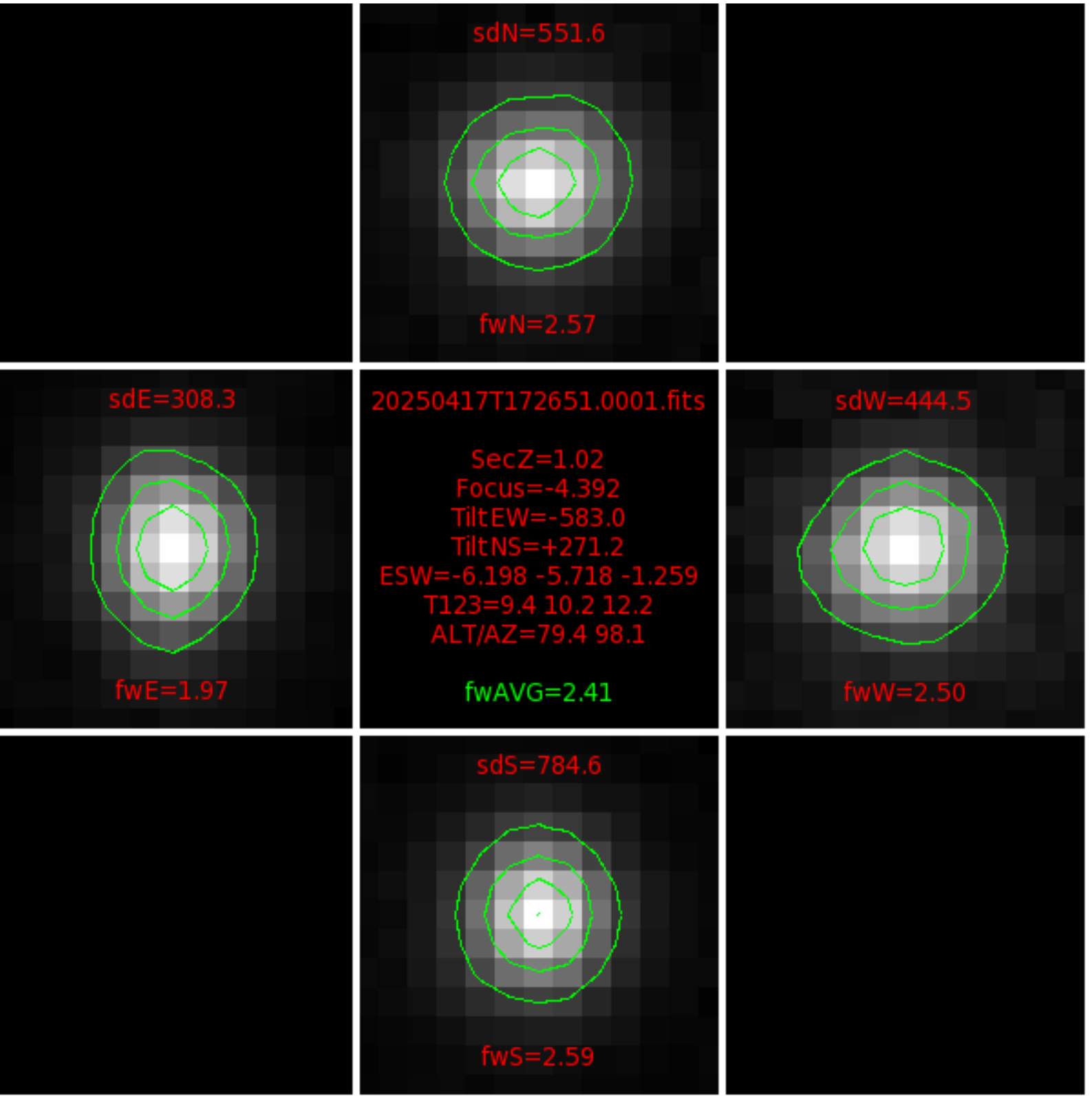
sdN=551.6
fwN=2.57
sdE=308.3
fwE=1.97
20250417T172651.0001.fits
SecZ=1.02
Focus=-4.392
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.198 -5.718 -1.259
T123=9.4 10.2 12.2
ALT/AZ=79.4 98.1
fwAVG=2.41
sdW=444.5
fwW=2.50
sdS=784.6
fwS=2.59
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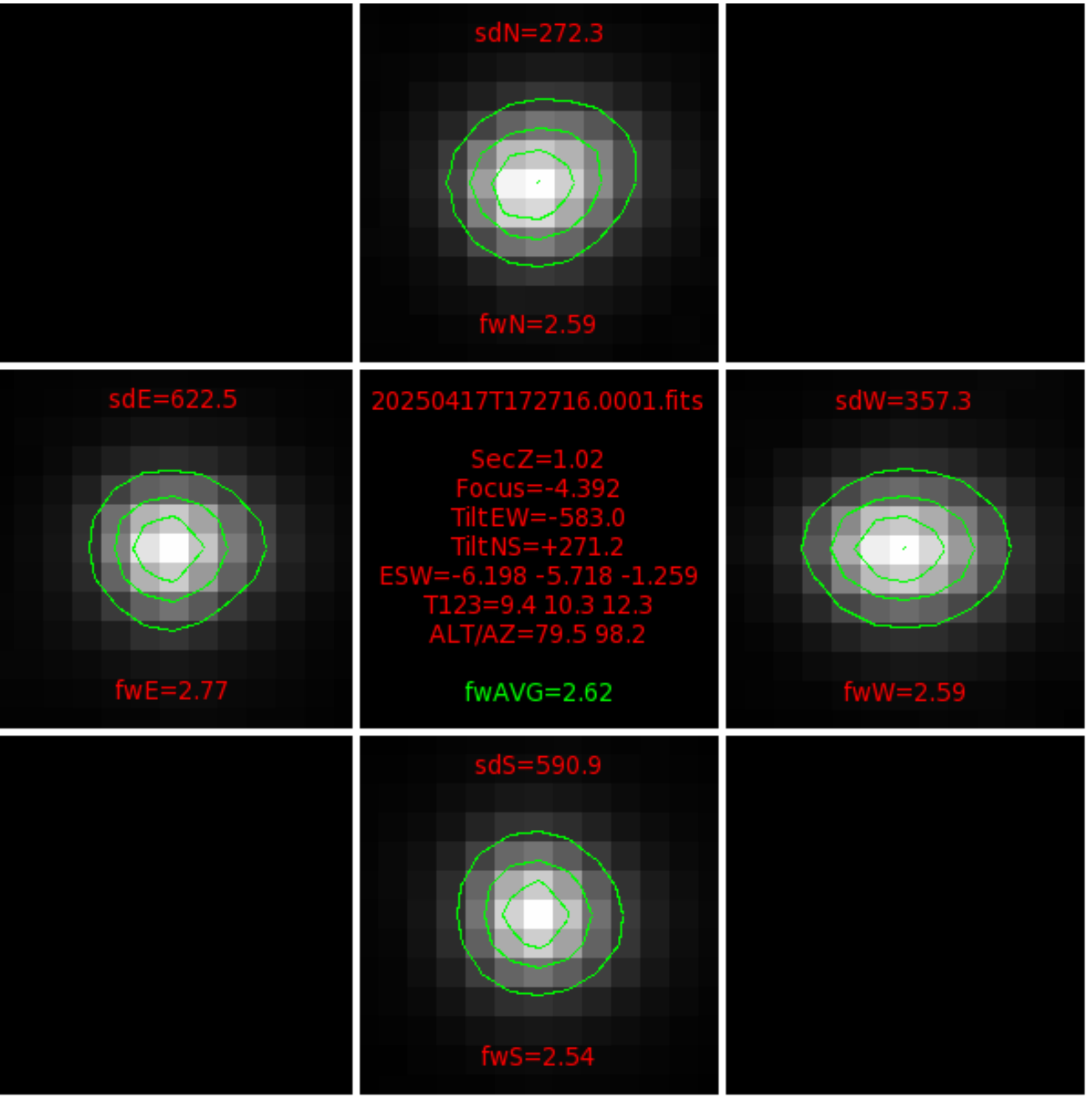
sdN=272.3
fwN=2.59
sdE=622.5
fwE=2.77
20250417T172716.0001.fits
SecZ=1.02
Focus=-4.392
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.198 -5.718 -1.259
T123=9.4 10.3 12.3
ALT/AZ=79.5 98.2
fwAVG=2.62
sdW=357.3
fwW=2.59
sdS=590.9
fwS=2.54
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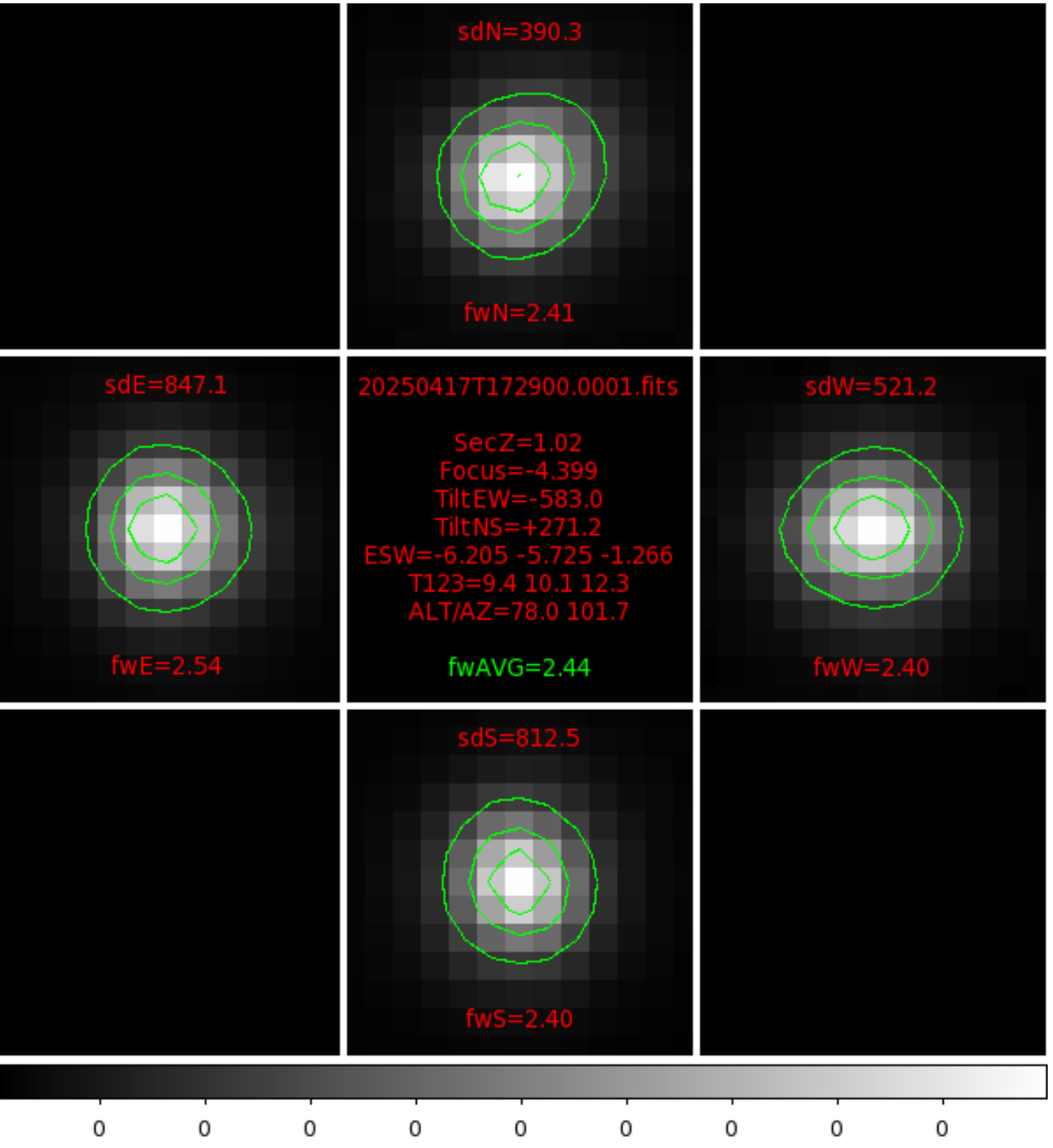
sdN=390.3
fwN=2.41
sdE=847.1
fwE=2.54
20250417T172900.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.1 12.3
ALT/AZ=78.0 101.7
fwAVG=2.44
sdW=521.2
fwW=2.40
sdS=812.5
fwS=2.40
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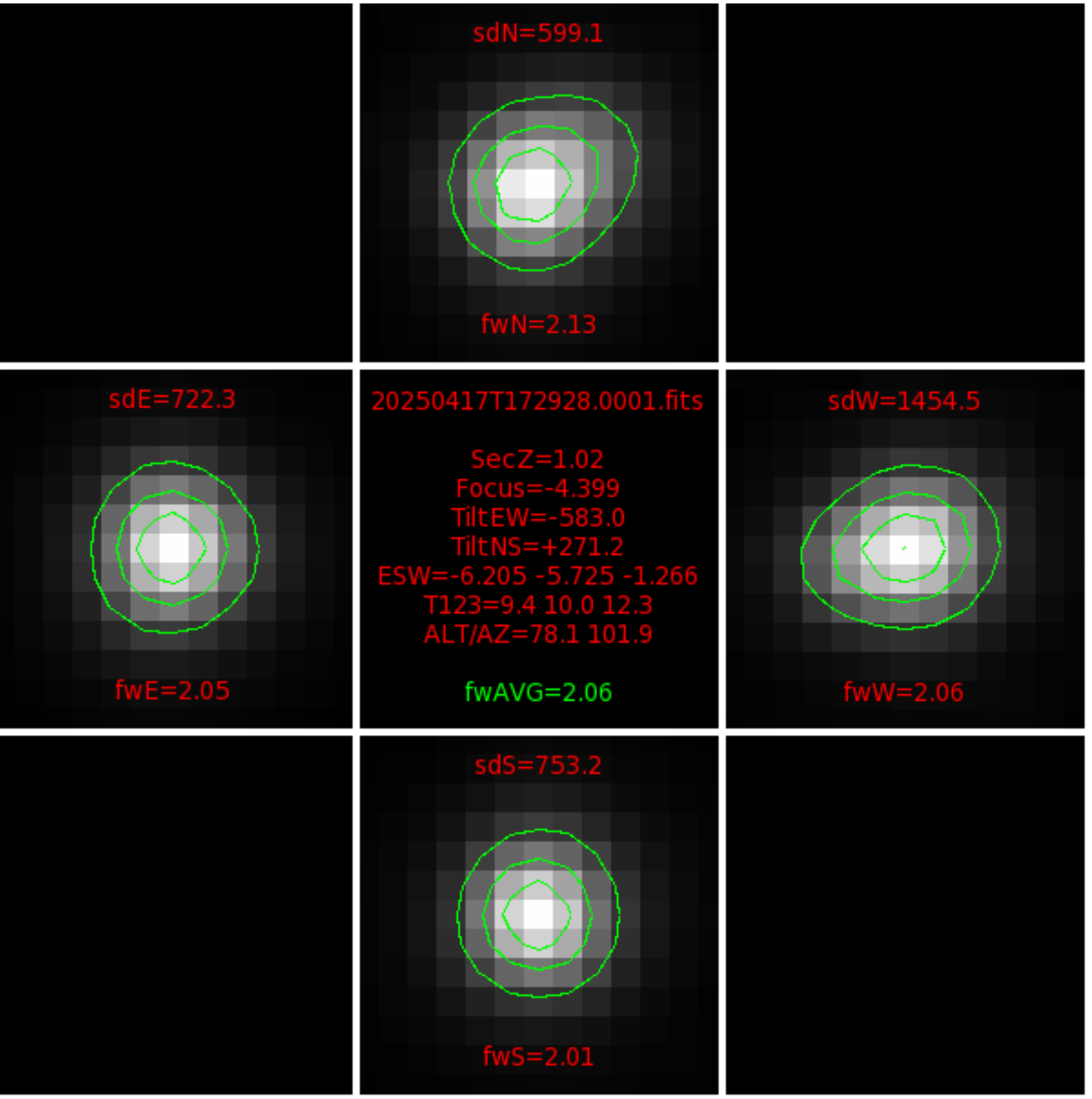
sdN=599.1
fwN=2.13
sdE=722.3
fwE=2.05
20250417T172928.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.0 12.3
ALT/AZ=78.1 101.9
fwAVG=2.06
sdW=1454.5
fwW=2.06
sdS=753.2
fwS=2.01
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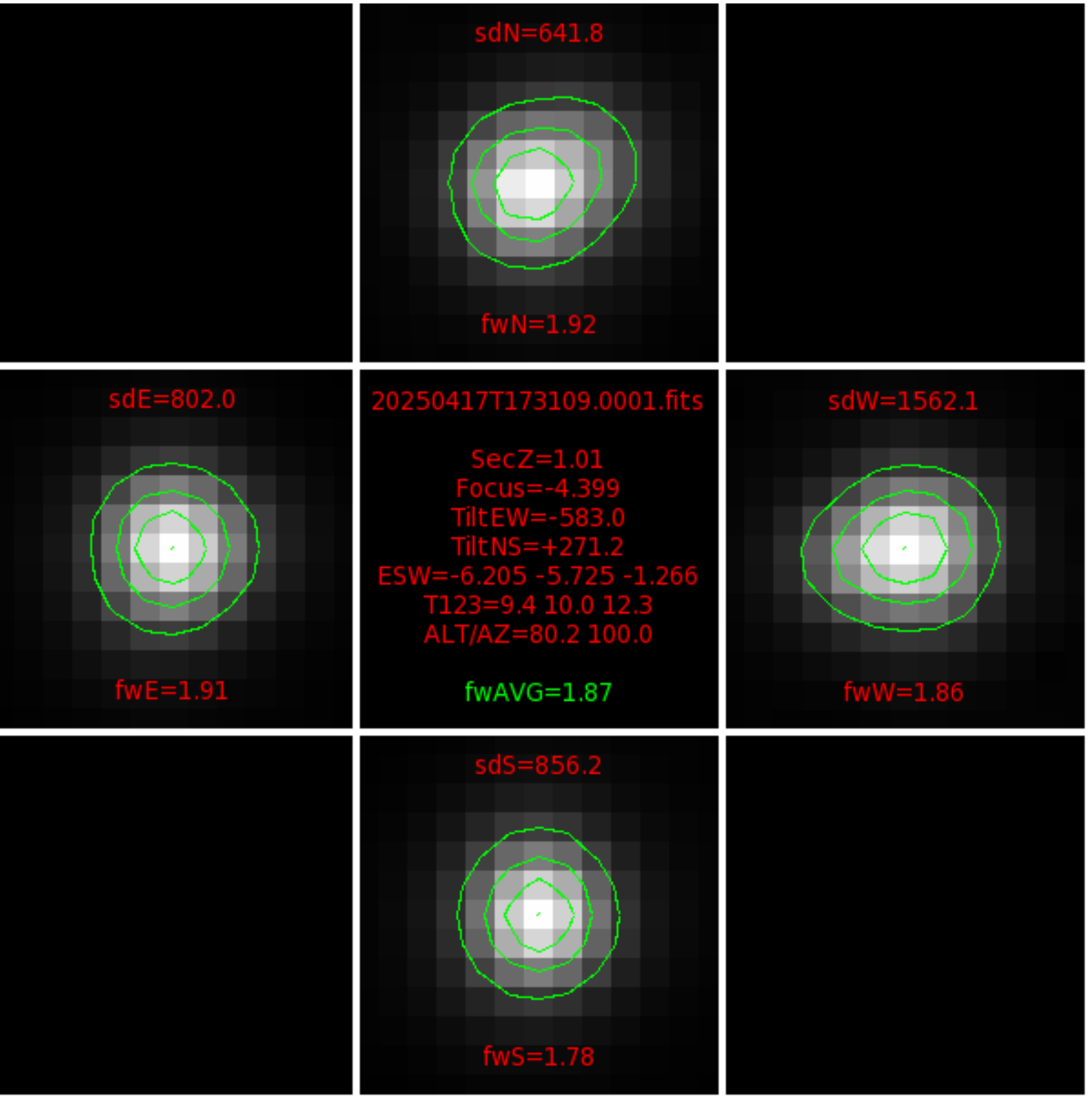
sdN=641.8
fwN=1.92
sdE=802.0
fwE=1.91
20250417T173109.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.0 12.3
ALT/AZ=80.2 100.0
fwAVG=1.87
sdW=1562.1
fwW=1.86
sdS=856.2
fwS=1.78
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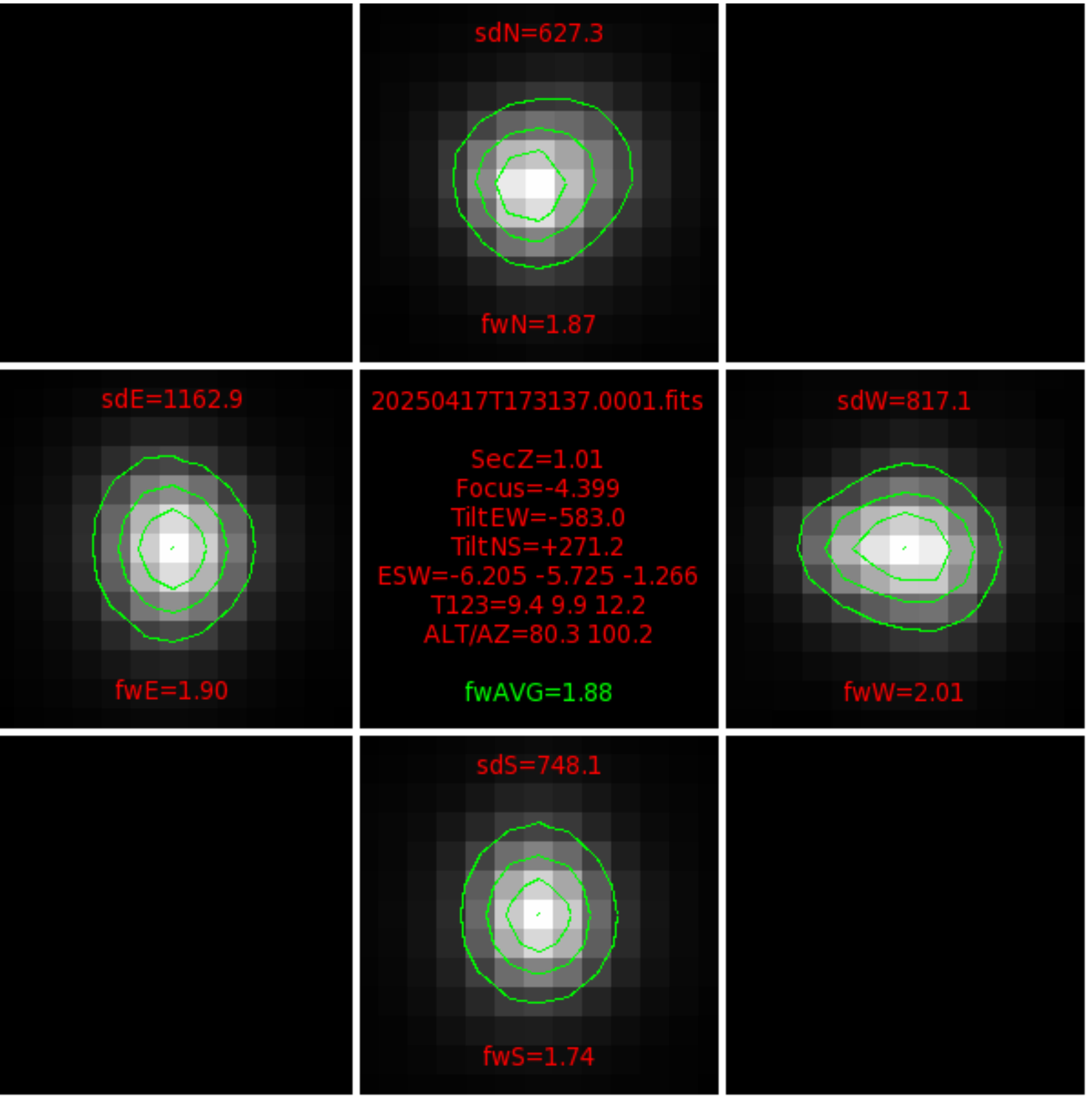
sdN=627.3
fwN=1.87
sdE=1162.9
fwE=1.90
20250417T173137.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 9.9 12.2
ALT/AZ=80.3 100.2
fwAVG=1.88
sdW=817.1
fwW=2.01
sdS=748.1
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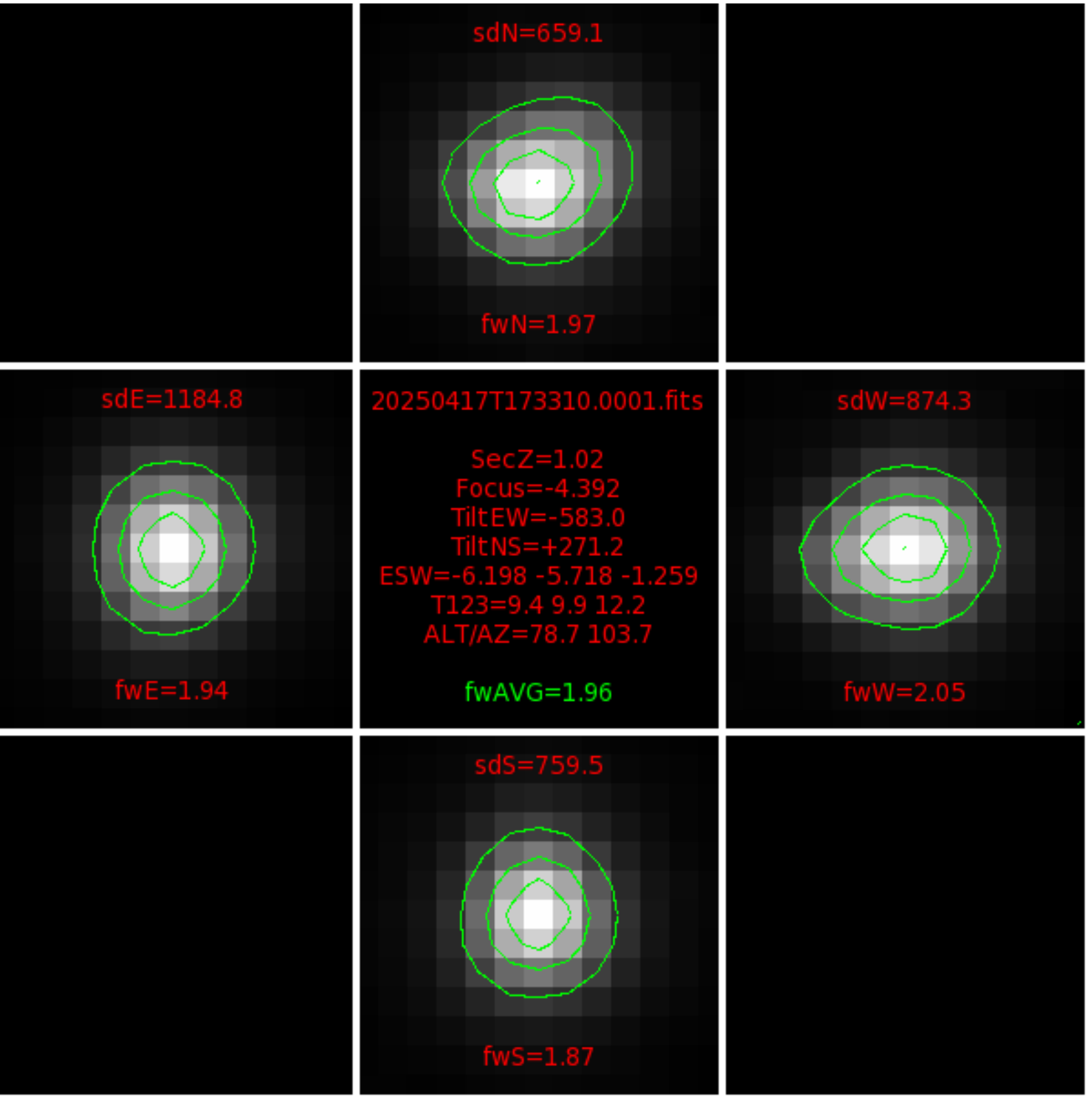
sdN=659.1
fwN=1.97
sdE=1184.8
fwE=1.94
20250417T173310.0001.fits
SecZ=1.02
Focus=-4.392
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.198 -5.718 -1.259
T123=9.4 9.9 12.2
ALT/AZ=78.7 103.7
fwAVG=1.96
sdW=874.3
fwW=2.05
sdS=759.5
fwS=1.87
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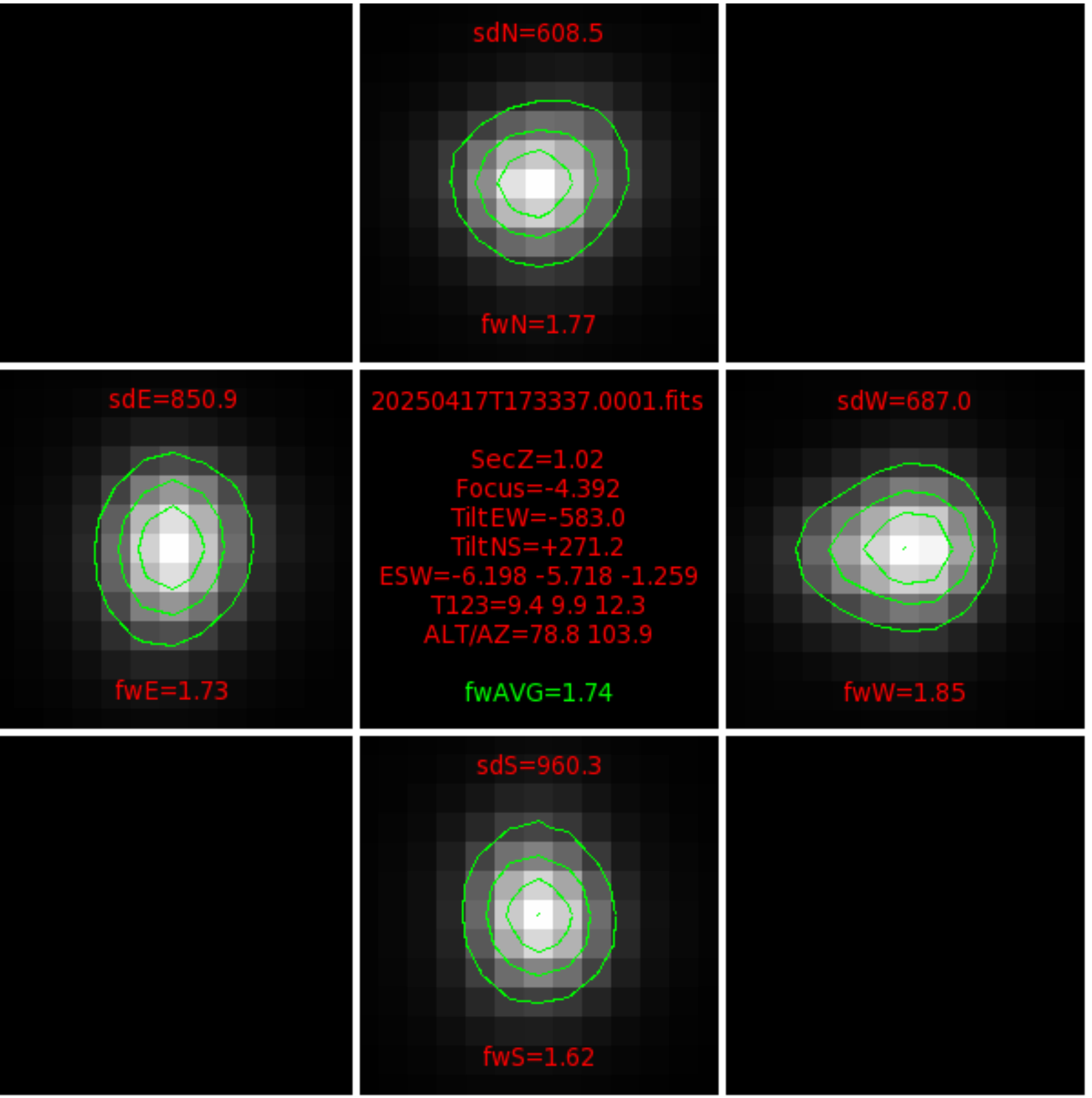
sdN=608.5
fwN=1.77
sdE=850.9
fwE=1.73
20250417T173337.0001.fits
SecZ=1.02
Focus=-4.392
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.198 -5.718 -1.259
T123=9.4 9.9 12.3
ALT/AZ=78.8 103.9
fwAVG=1.74
sdW=687.0
fwW=1.85
sdS=960.3
fwS=1.62
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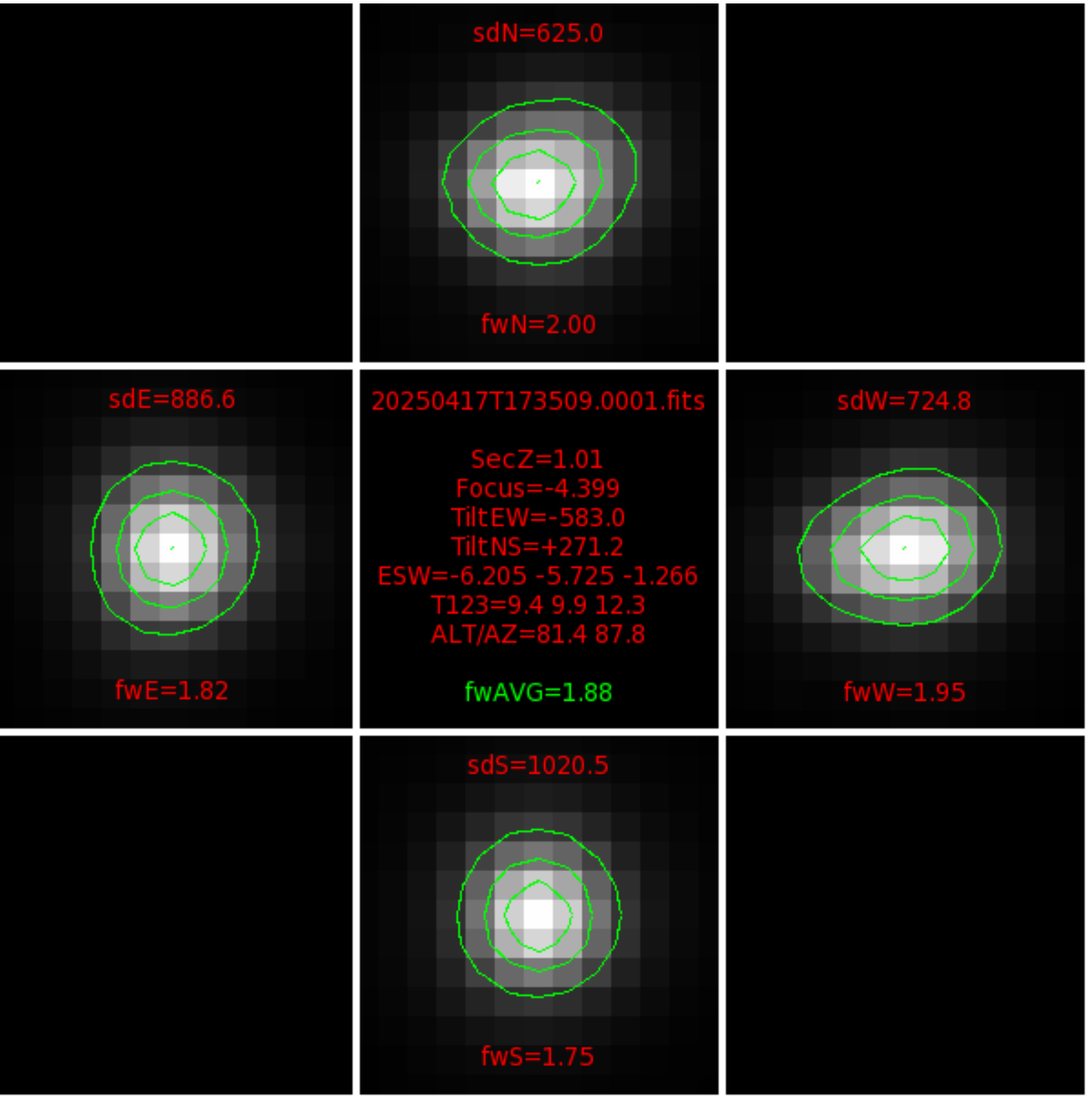
sdN=625.0
fwN=2.00
sdE=886.6
fwE=1.82
20250417T173509.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 9.9 12.3
ALT/AZ=81.4 87.8
fwAVG=1.88
sdW=724.8
fwW=1.95
sdS=1020.5
fwS=1.75
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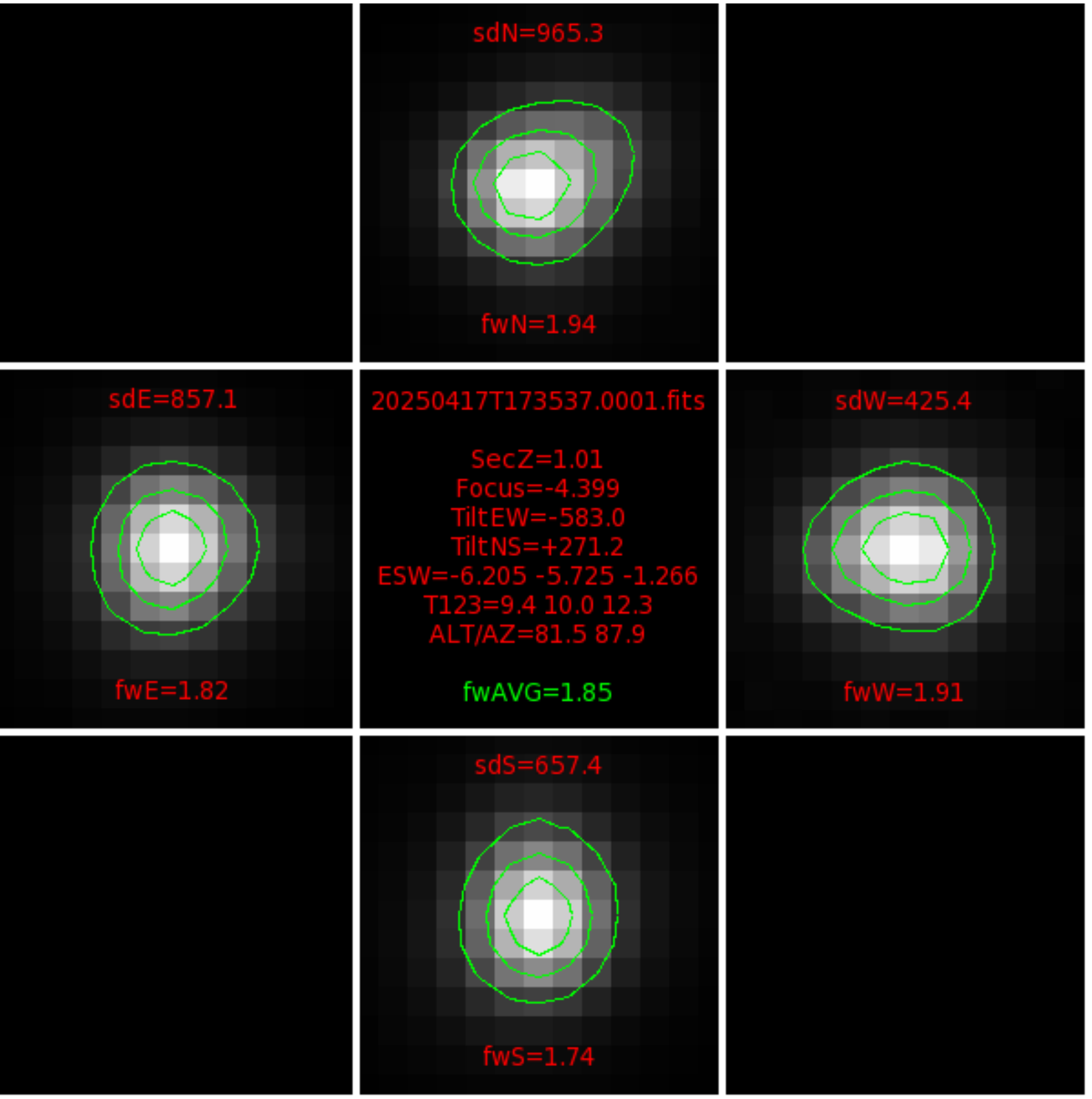
sdN=965.3
fwN=1.94
sdE=857.1
fwE=1.82
20250417T173537.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 10.0 12.3
ALT/AZ=81.5 87.9
fwAVG=1.85
sdW=425.4
fwW=1.91
sdS=657.4
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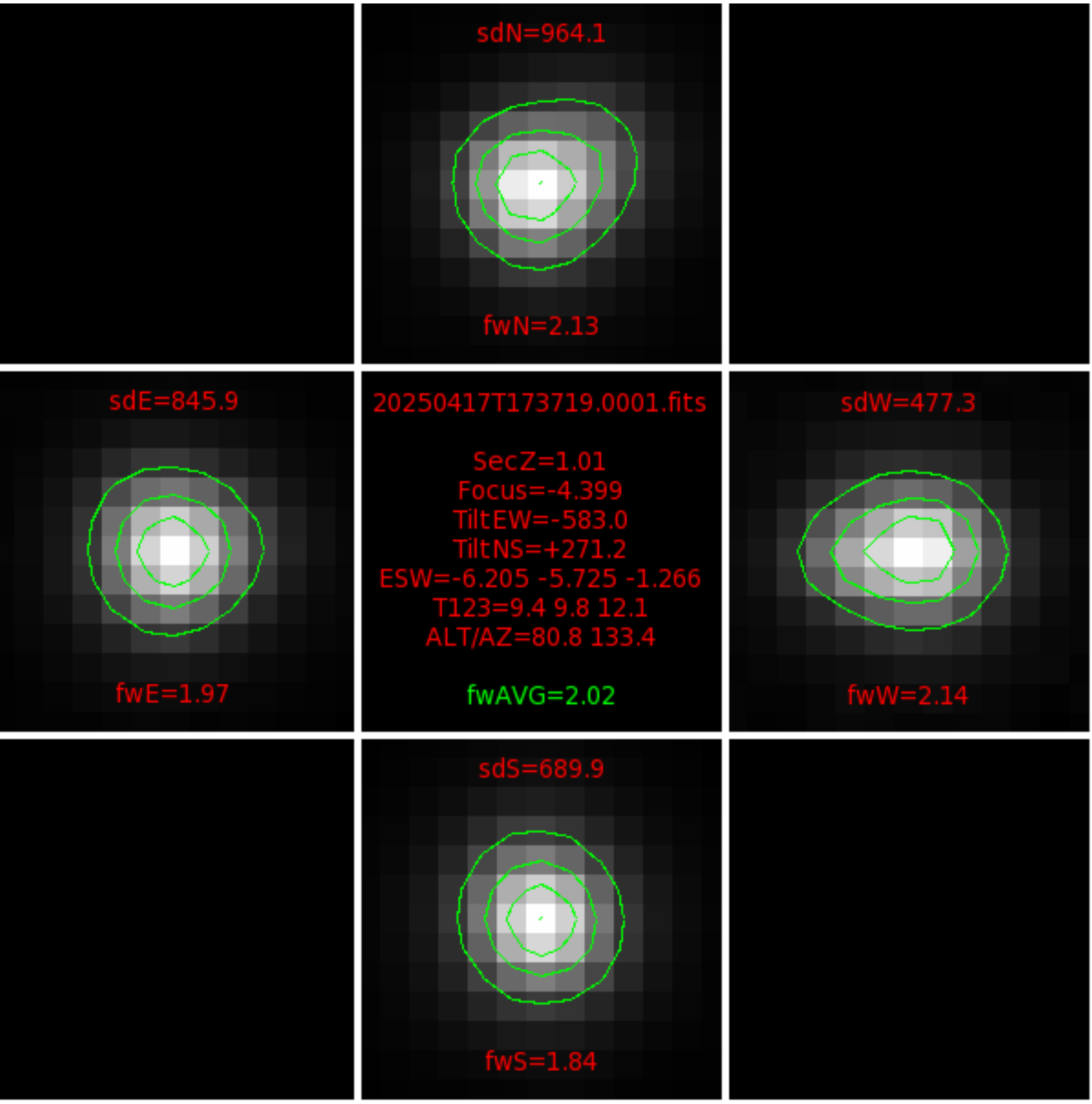
sdN=964.1
fwN=2.13
sdE=845.9
fwE=1.97
20250417T173719.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.205 -5.725 -1.266
T123=9.4 9.8 12.1
ALT/AZ=80.8 133.4
fwAVG=2.02
sdW=477.3
fwW=2.14
sdS=689.9
fwS=1.84
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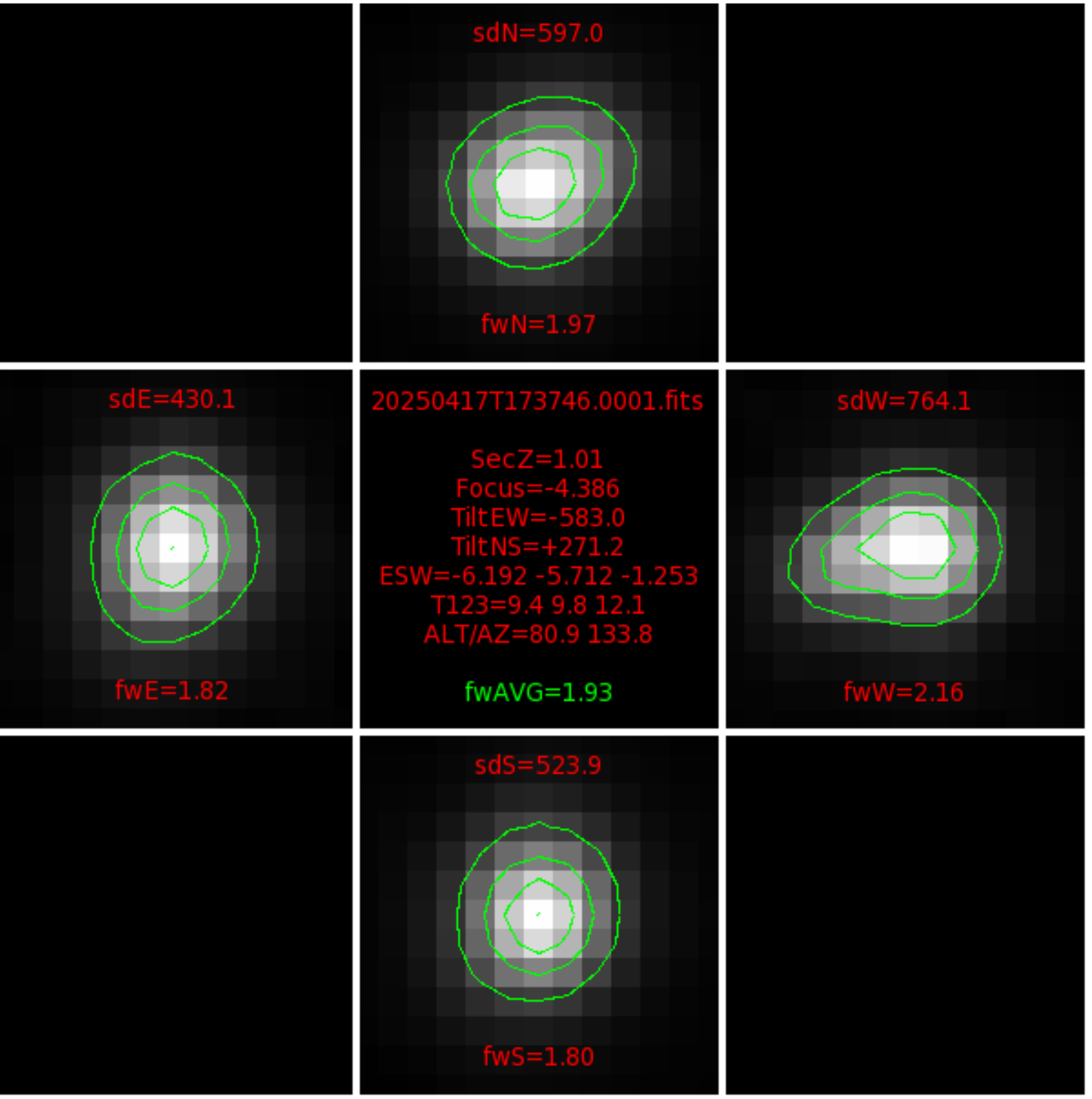
sdN=597.0
fwN=1.97
sdE=430.1
fwE=1.82
20250417T173746.0001.fits
SecZ=1.01
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 9.8 12.1
ALT/AZ=80.9 133.8
fwAVG=1.93
sdW=764.1
fwW=2.16
sdS=523.9
fwS=1.80
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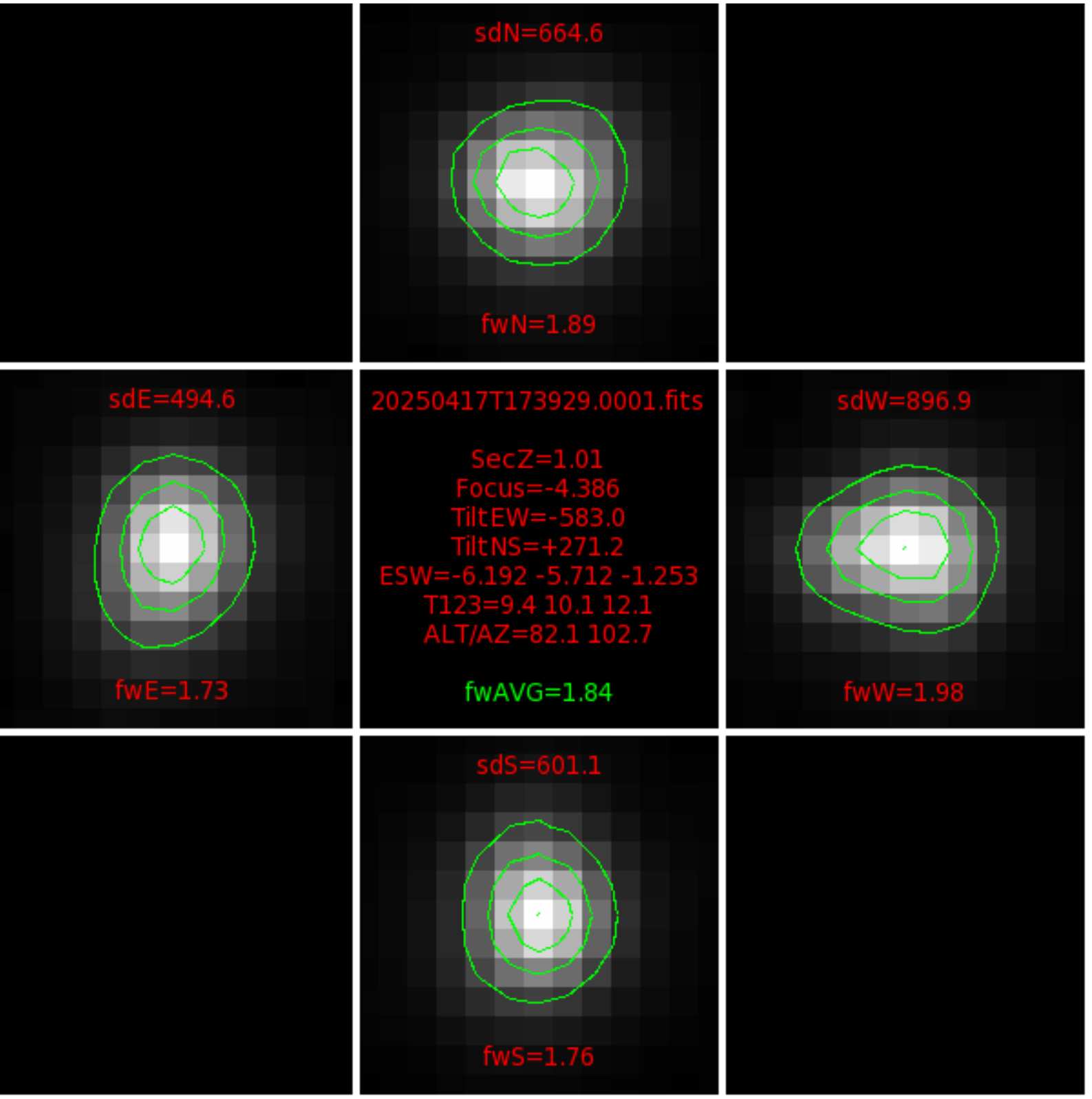
sdN=664.6
fwN=1.89
sdE=494.6
fwE=1.73
20250417T173929.0001.fits
SecZ=1.01
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 10.1 12.1
ALT/AZ=82.1 102.7
fwAVG=1.84
sdW=896.9
fwW=1.98
sdS=601.1
fwS=1.76
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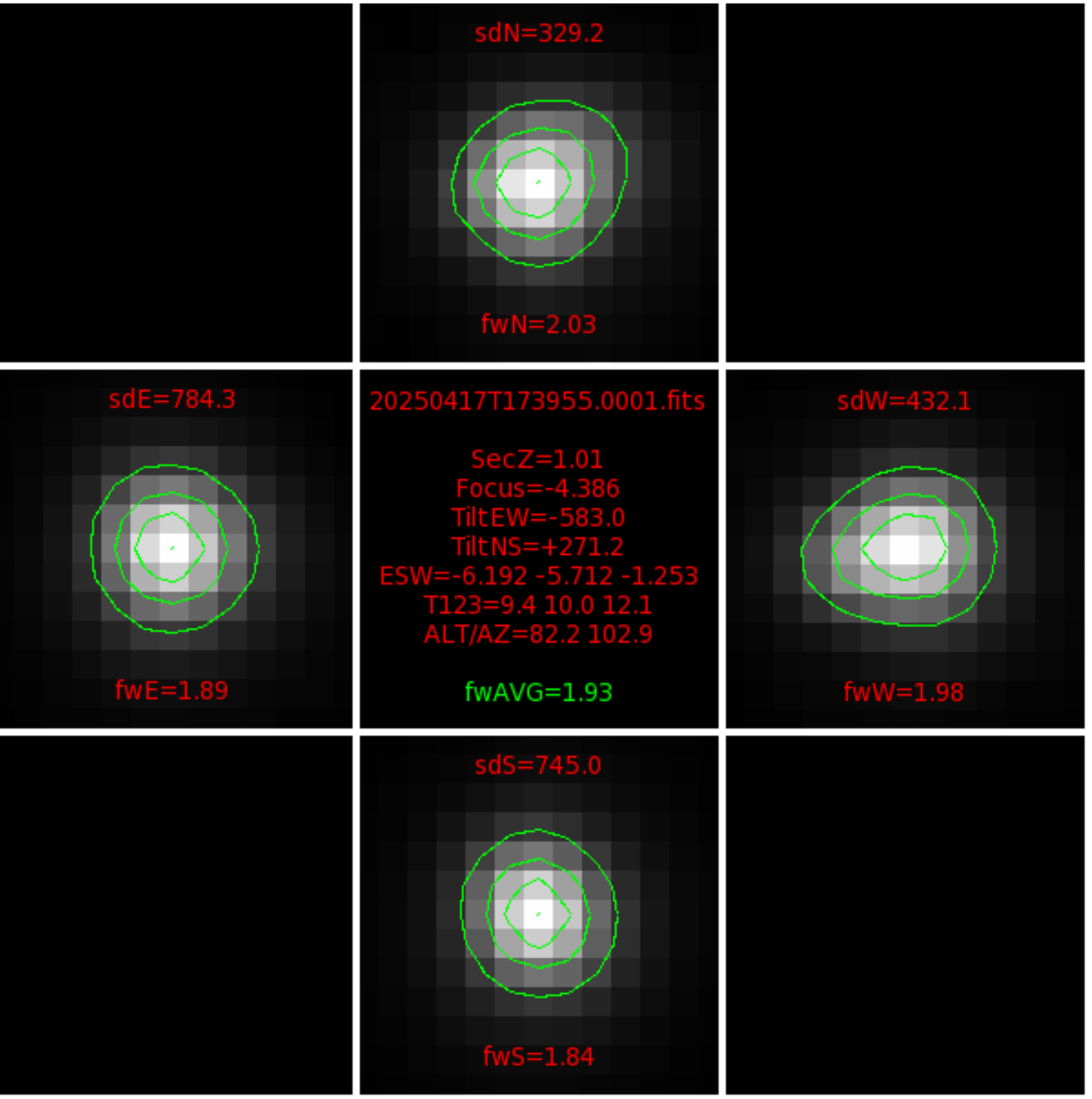
sdN=329.2
fwN=2.03
sdE=784.3
fwE=1.89
20250417T173955.0001.fits
SecZ=1.01
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 10.0 12.1
ALT/AZ=82.2 102.9
fwAVG=1.93
sdW=432.1
fwW=1.98
sdS=745.0
fwS=1.84
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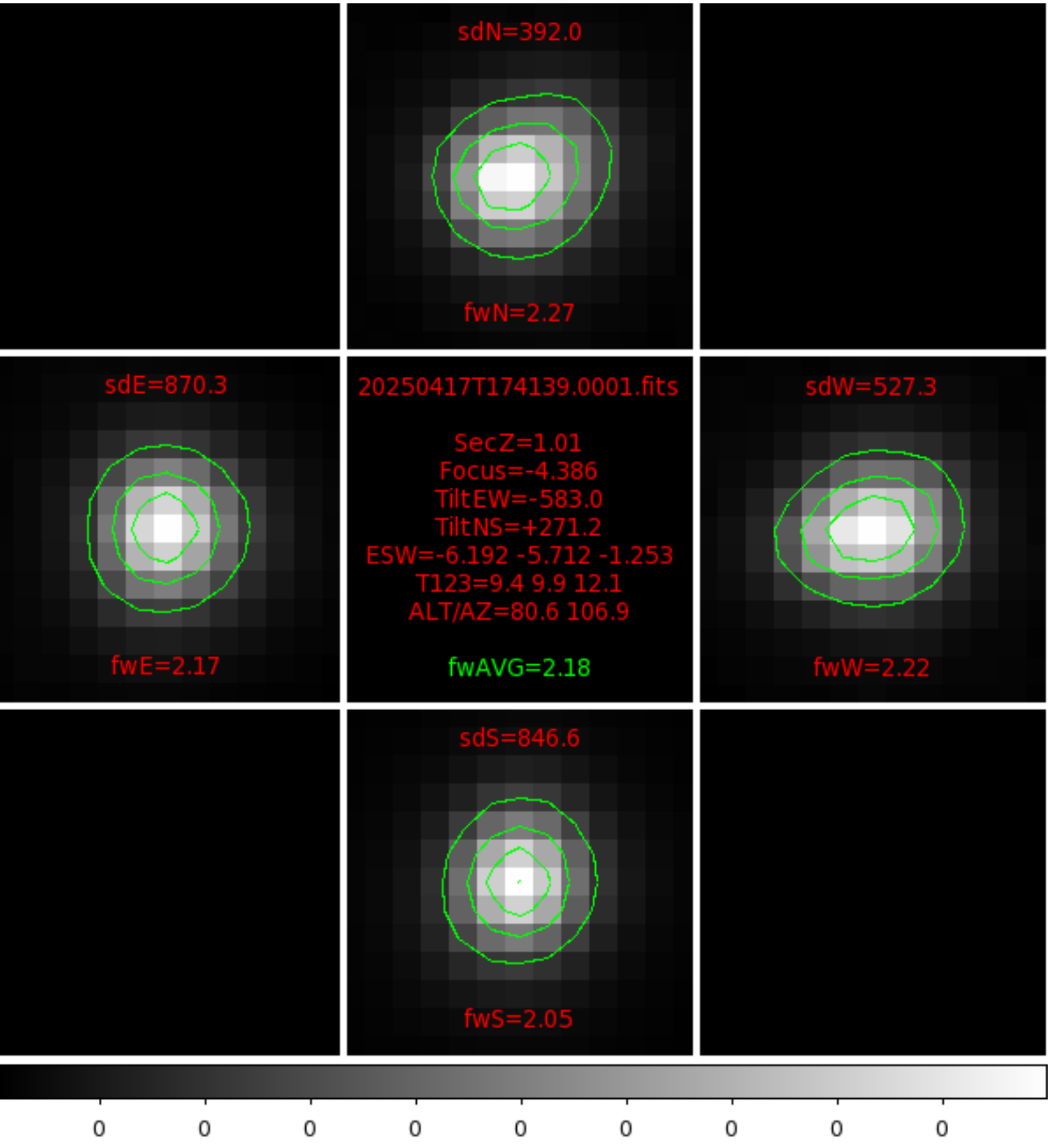
sdN=392.0
fwN=2.27
sdE=870.3
fwE=2.17
20250417T174139.0001.fits
SecZ=1.01
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 9.9 12.1
ALT/AZ=80.6 106.9
fwAVG=2.18
sdW=527.3
fwW=2.22
sdS=846.6
fwS=2.05
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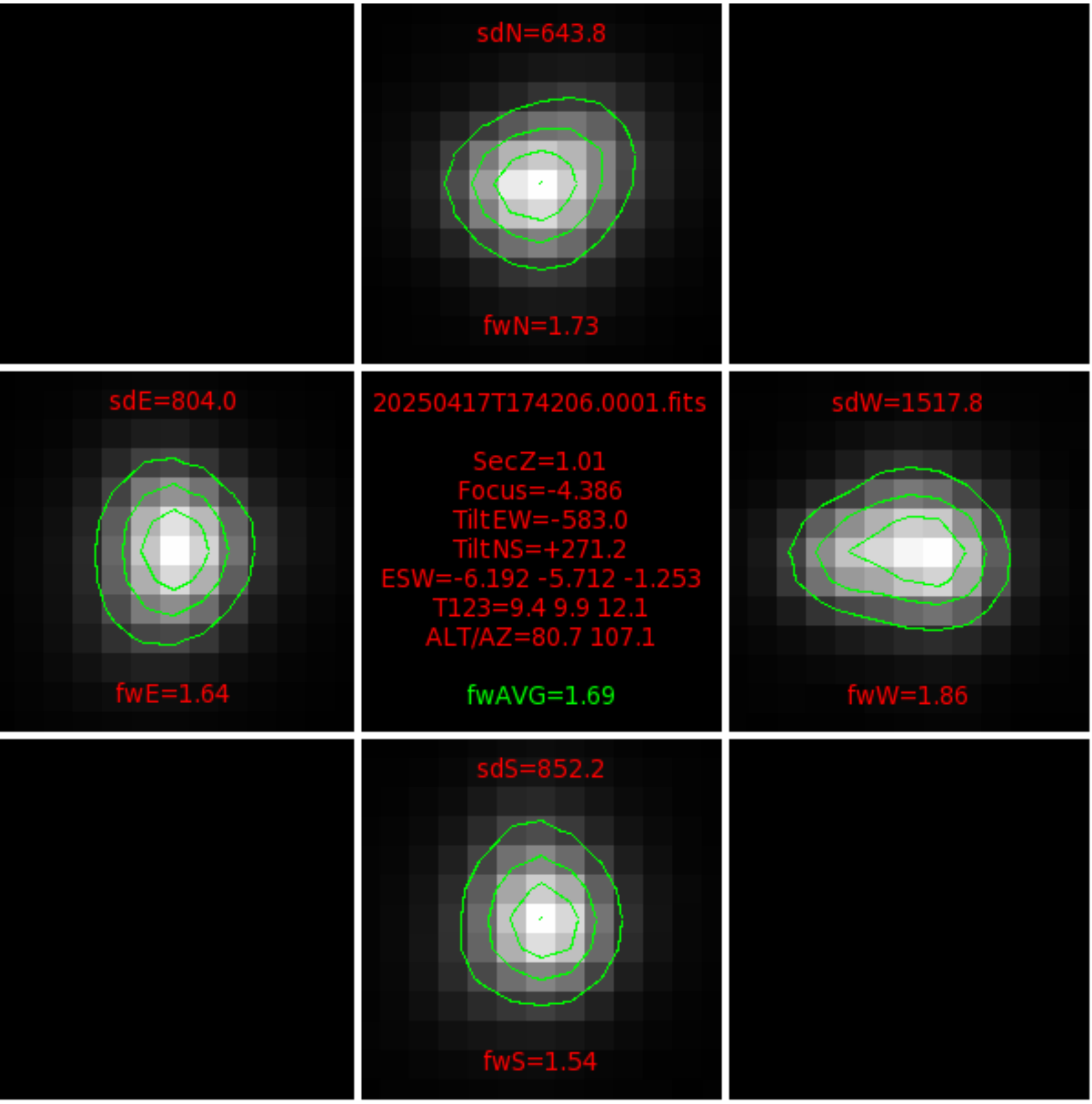
sdN=643.8
fwN=1.73
sdE=804.0
fwE=1.64
20250417T174206.0001.fits
SecZ=1.01
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 9.9 12.1
ALT/AZ=80.7 107.1
fwAVG=1.69
sdW=1517.8
fwW=1.86
sdS=852.2
fwS=1.54
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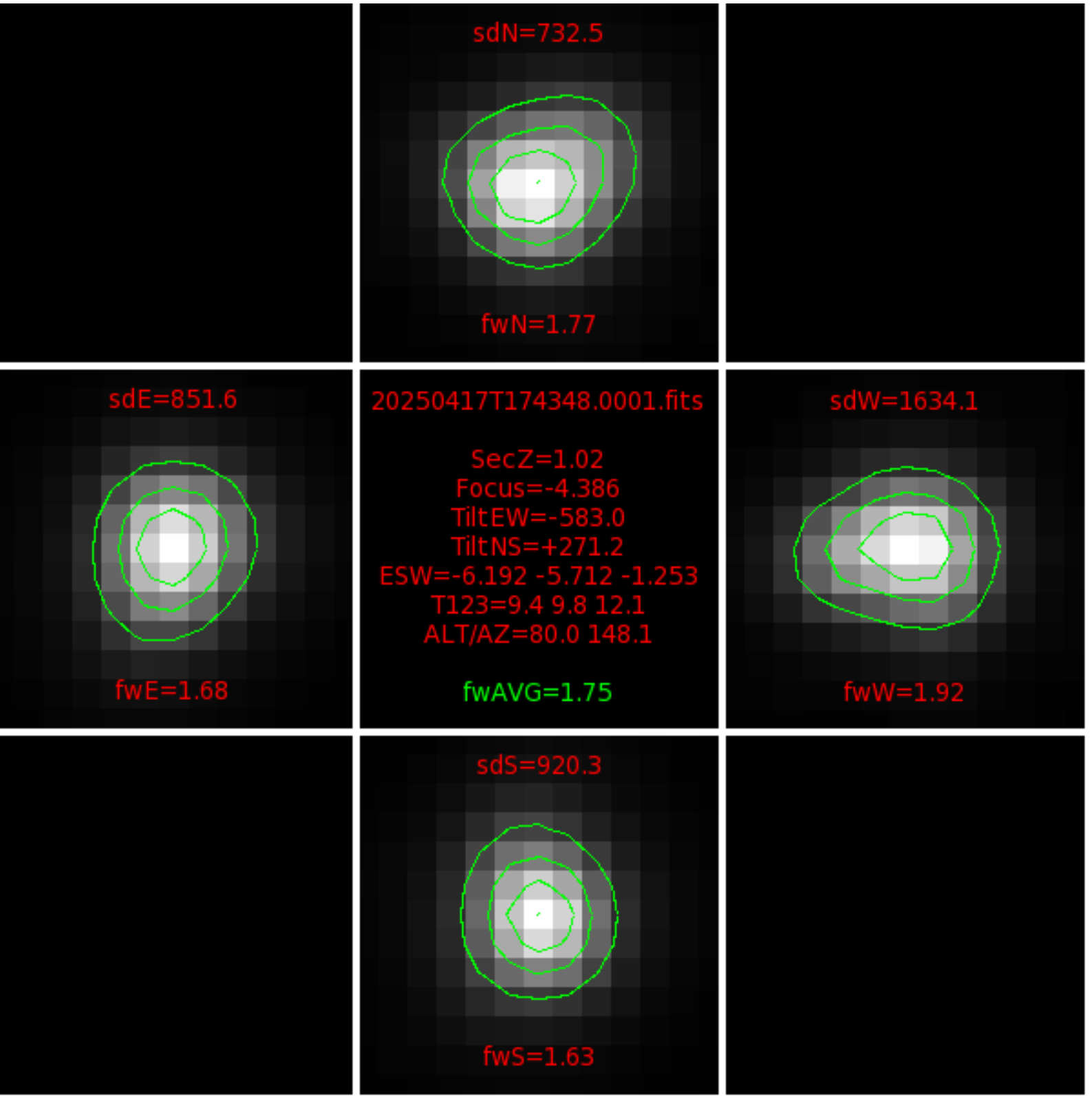
sdN=732.5
fwN=1.77
sdE=851.6
fwE=1.68
20250417T174348.0001.fits
SecZ=1.02
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 9.8 12.1
ALT/AZ=80.0 148.1
fwAVG=1.75
sdW=1634.1
fwW=1.92
sdS=920.3
fwS=1.63
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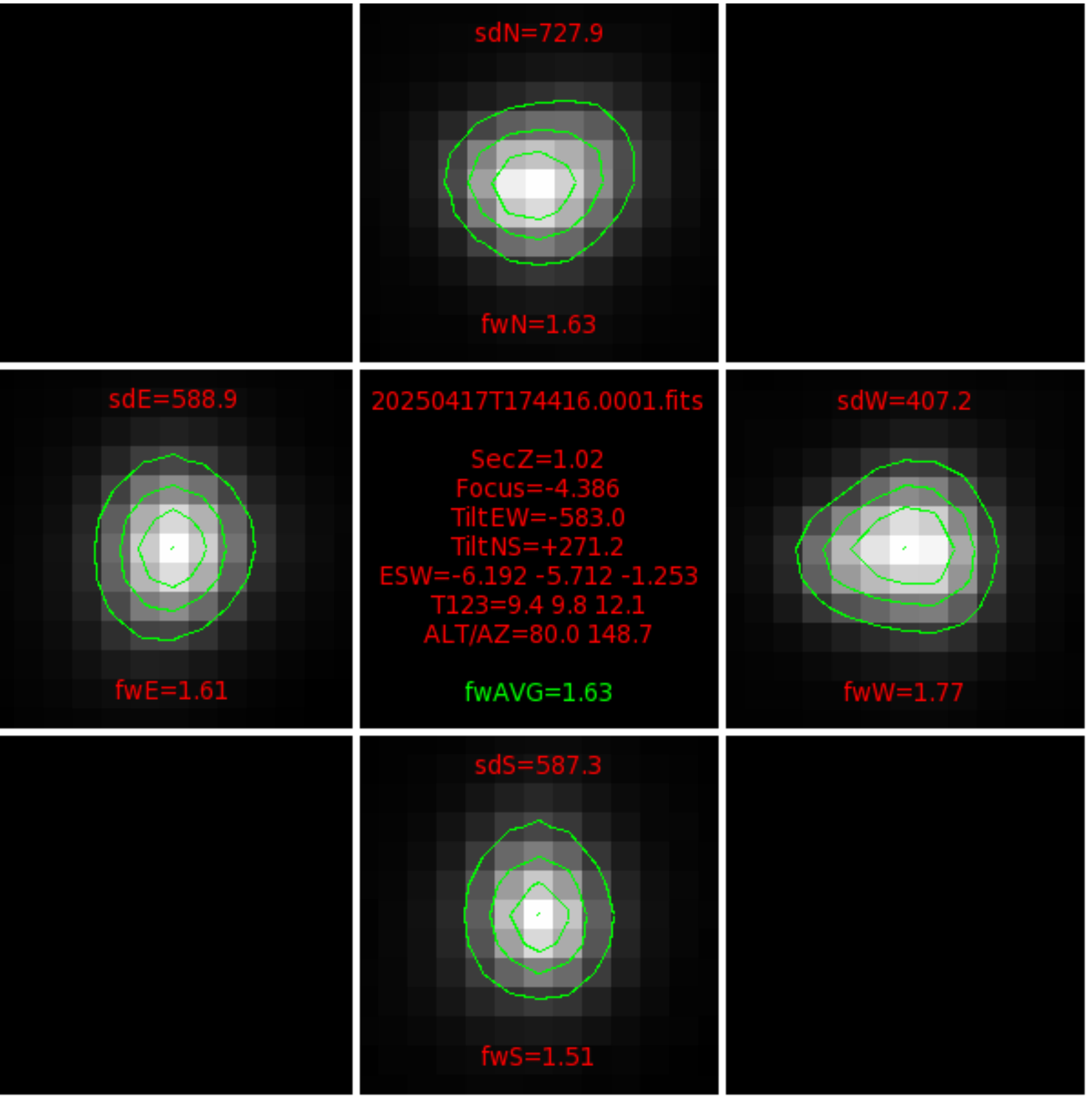
sdN=727.9
fwN=1.63
sdE=588.9
fwE=1.61
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SecZ=1.02
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 9.8 12.1
ALT/AZ=80.0 148.7
fwAVG=1.63
sdW=407.2
fwW=1.77
sdS=587.3
fwS=1.51
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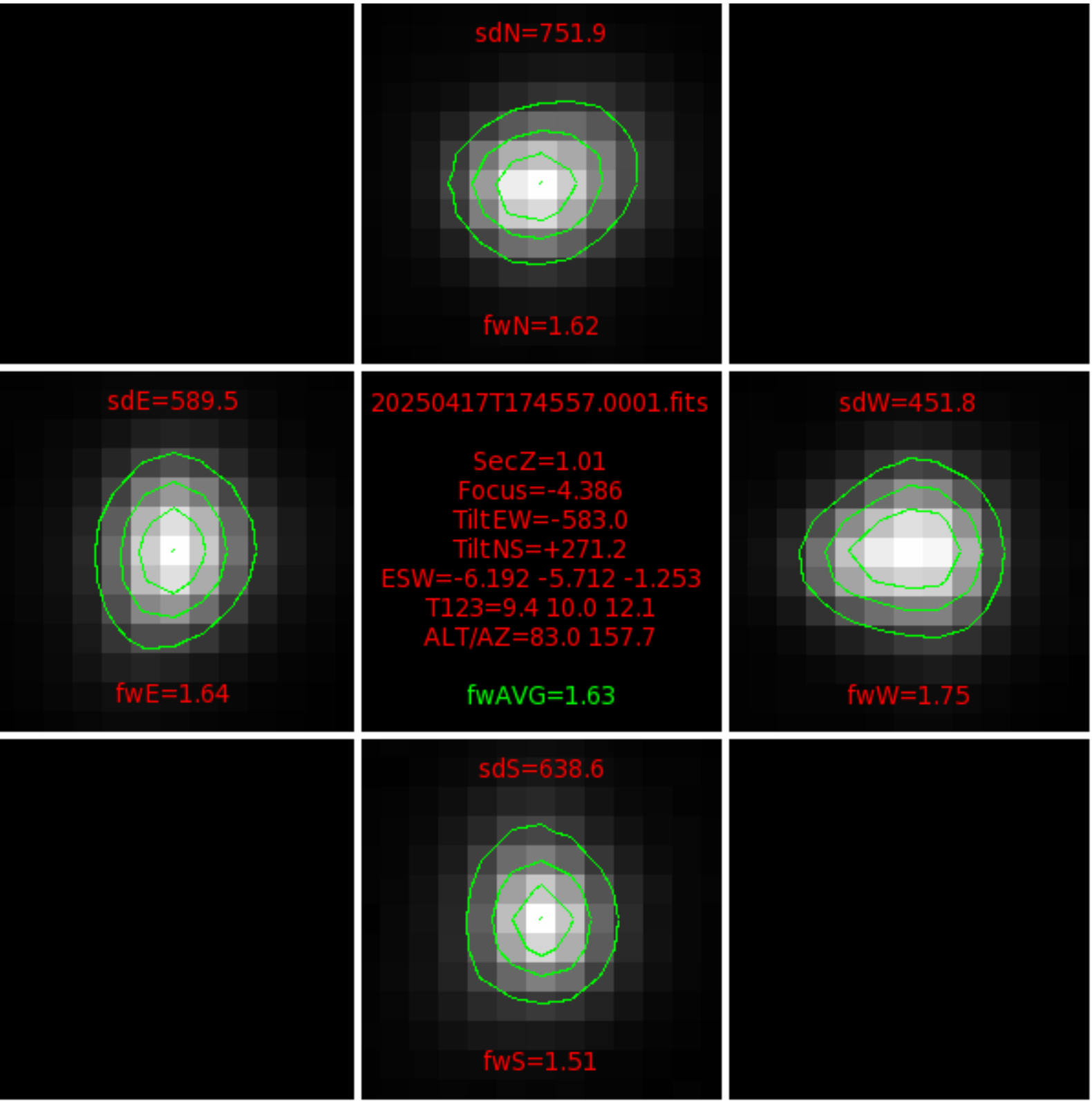
sdN=751.9
fwN=1.62
sdE=589.5
fwE=1.64
20250417T174557.0001.fits
SecZ=1.01
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 10.0 12.1
ALT/AZ=83.0 157.7
fwAVG=1.63
sdW=451.8
fwW=1.75
sdS=638.6
fwS=1.51
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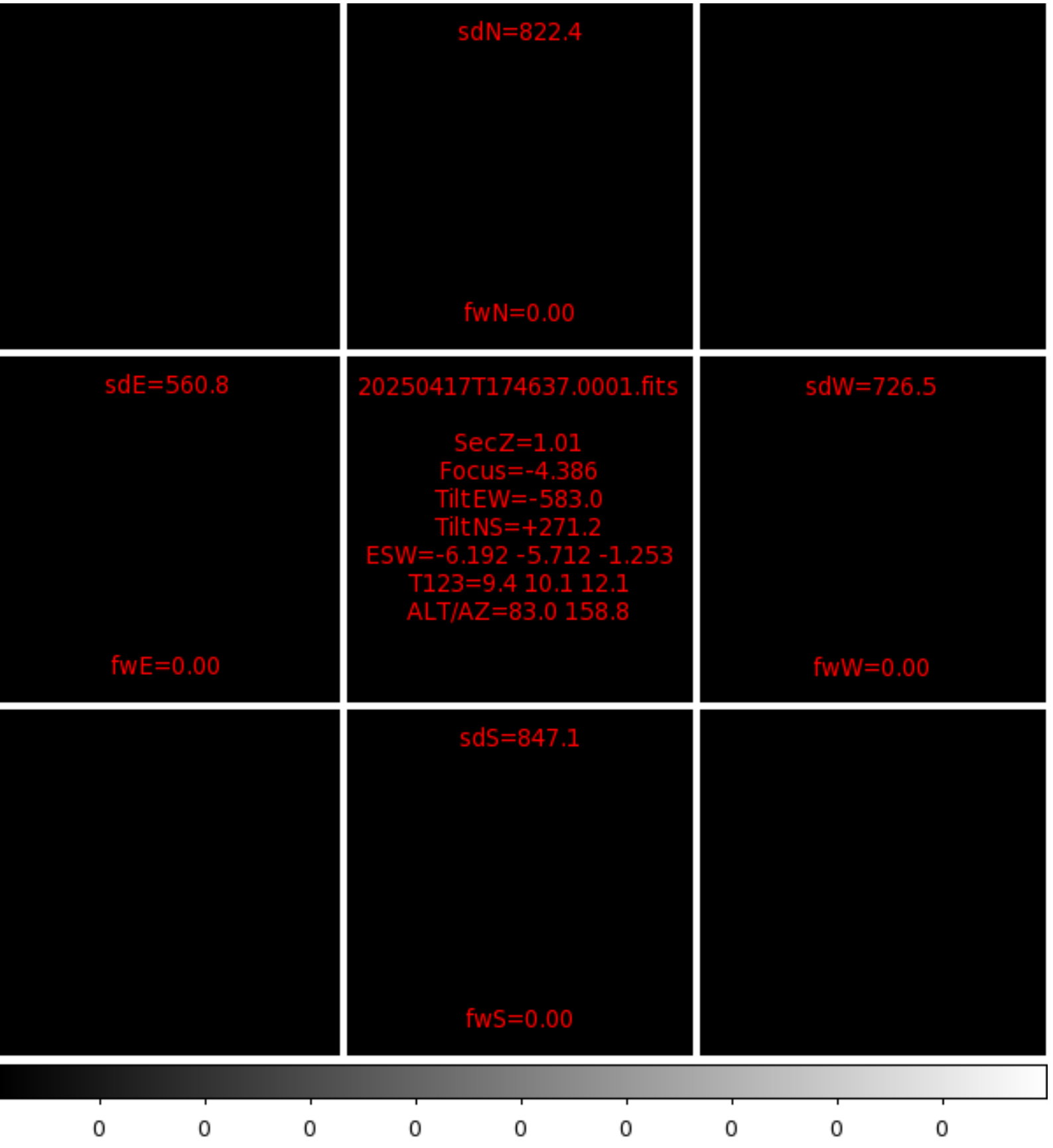
sdN=822.4
fwN=0.00
sdE=560.8
fwE=0.00
20250417T174637.0001.fits
SecZ=1.01
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 10.1 12.1
ALT/AZ=83.0 158.8
sdW=726.5
fwW=0.00
sdS=847.1
fwS=0.00
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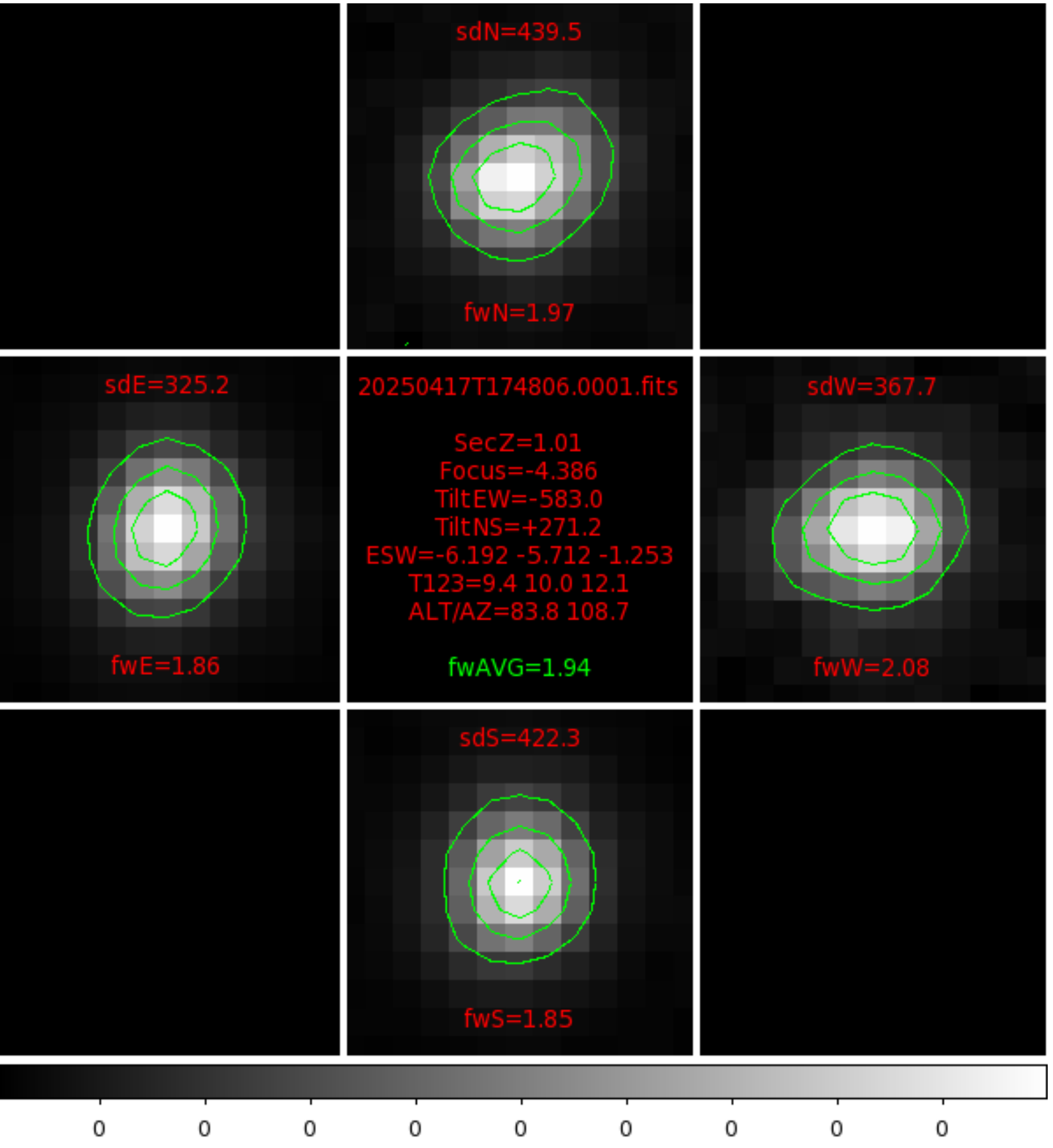
sdN=439.5
fwN=1.97
sdE=325.2
fwE=1.86
20250417T174806.0001.fits
SecZ=1.01
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 10.0 12.1
ALT/AZ=83.8 108.7
fwAVG=1.94
sdW=367.7
fwW=2.08
sdS=422.3
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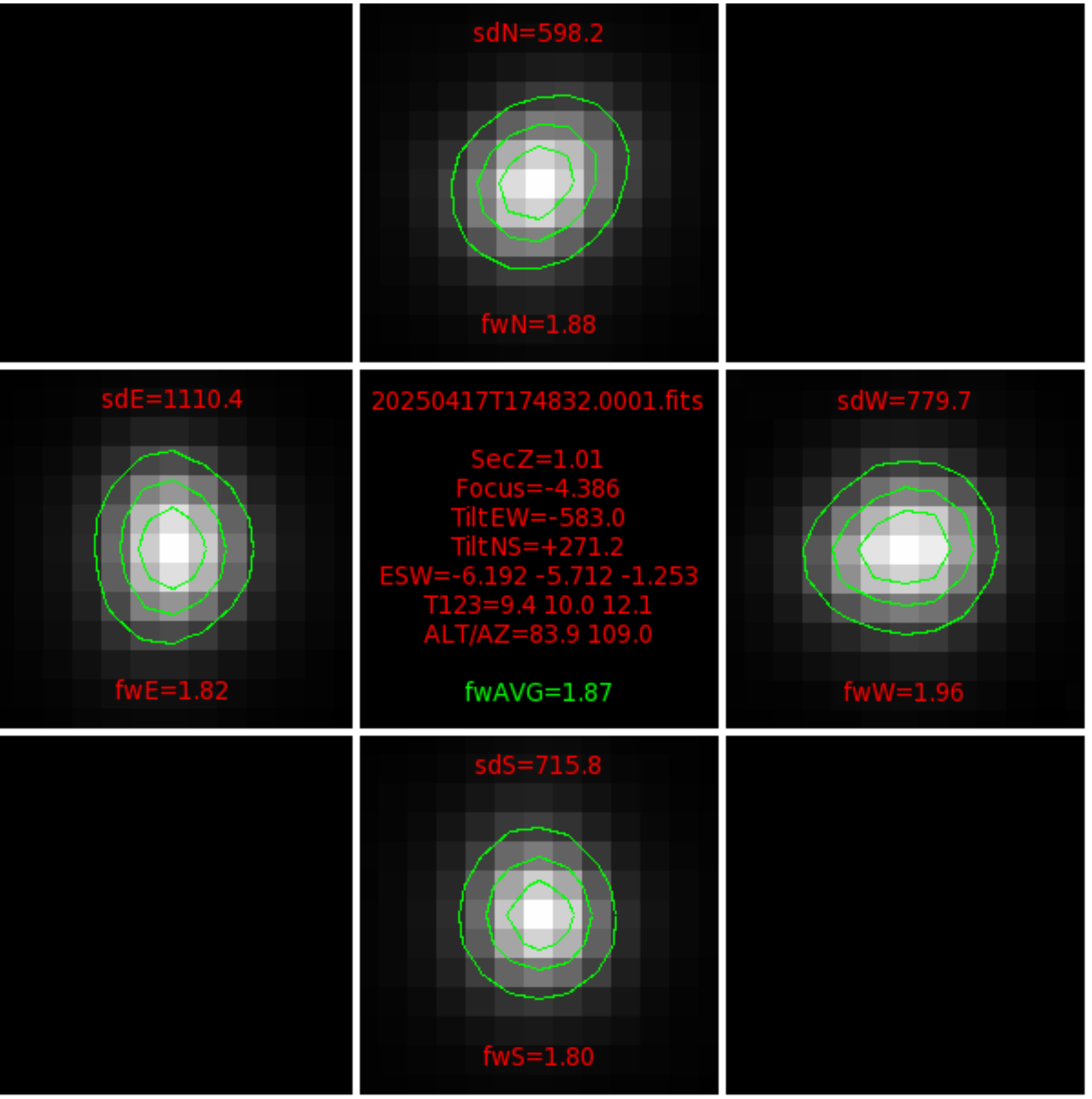
sdN=598.2
fwN=1.88
sdE=1110.4
fwE=1.82
20250417T174832.0001.fits
SecZ=1.01
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 10.0 12.1
ALT/AZ=83.9 109.0
fwAVG=1.87
sdW=779.7
fwW=1.96
sdS=715.8
fwS=1.80
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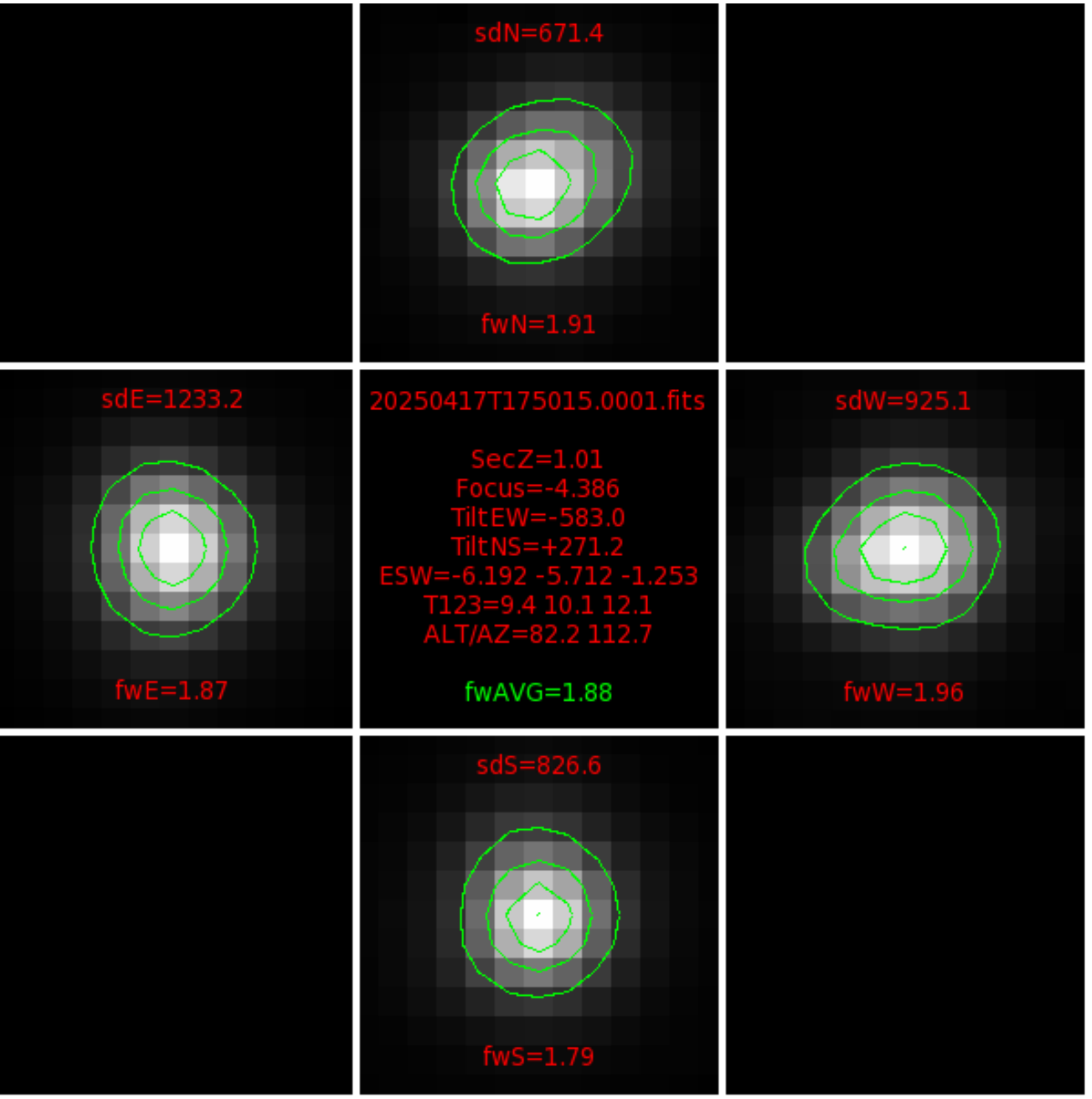
sdN=671.4
fwN=1.91
sdE=1233.2
fwE=1.87
20250417T175015.0001.fits
SecZ=1.01
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 10.1 12.1
ALT/AZ=82.2 112.7
fwAVG=1.88
sdW=925.1
fwW=1.96
sdS=826.6
fwS=1.79
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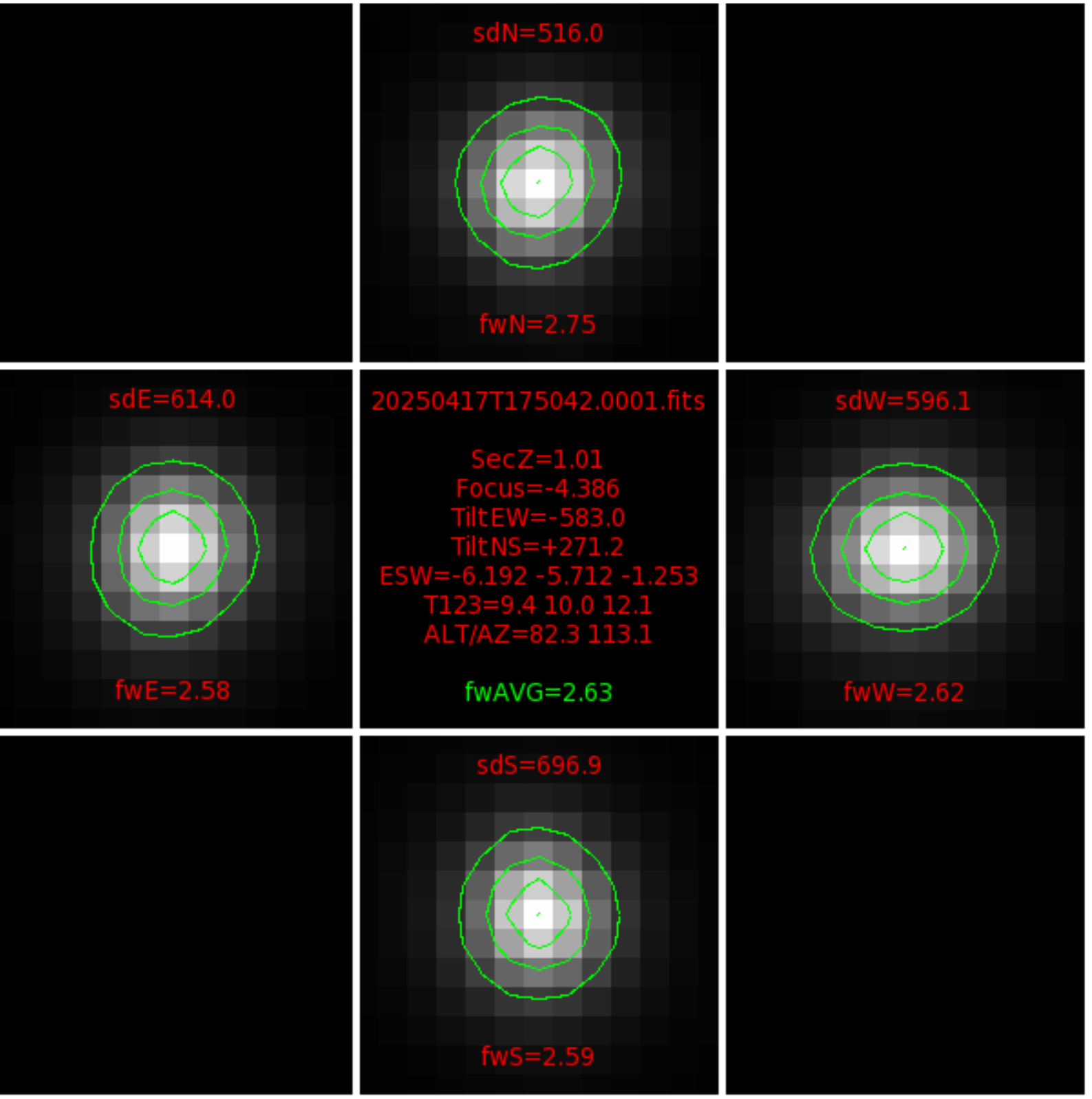
sdN=516.0
fwN=2.75
sdE=614.0
fwE=2.58
20250417T175042.0001.fits
SecZ=1.01
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 10.0 12.1
ALT/AZ=82.3 113.1
fwAVG=2.63
sdW=596.1
fwW=2.62
sdS=696.9
fwS=2.59
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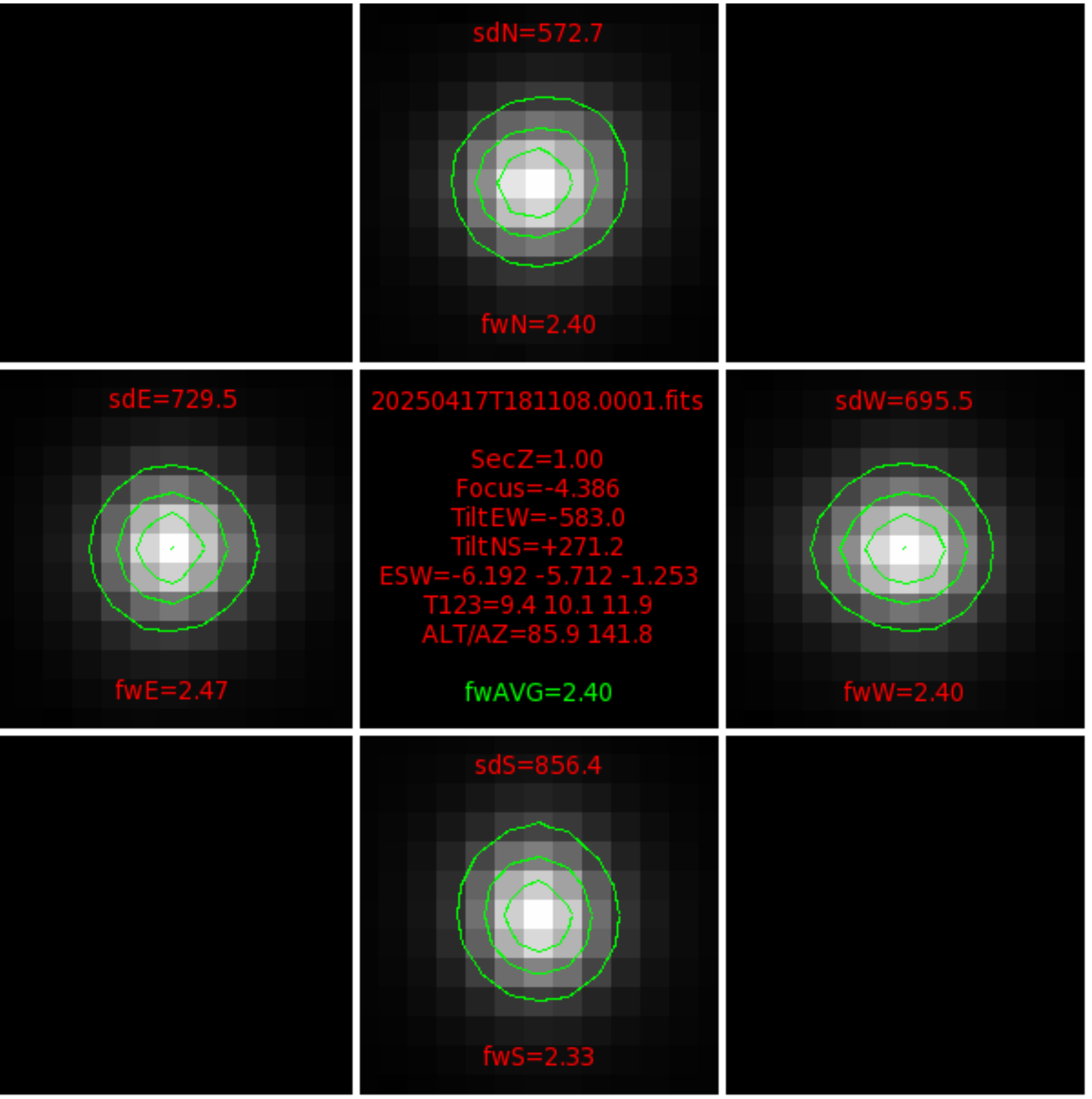
sdN=572.7
fwN=2.40
sdE=729.5
fwE=2.47
20250417T181108.0001.fits
SecZ=1.00
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 10.1 11.9
ALT/AZ=85.9 141.8
fwAVG=2.40
sdW=695.5
fwW=2.40
sdS=856.4
fwS=2.33
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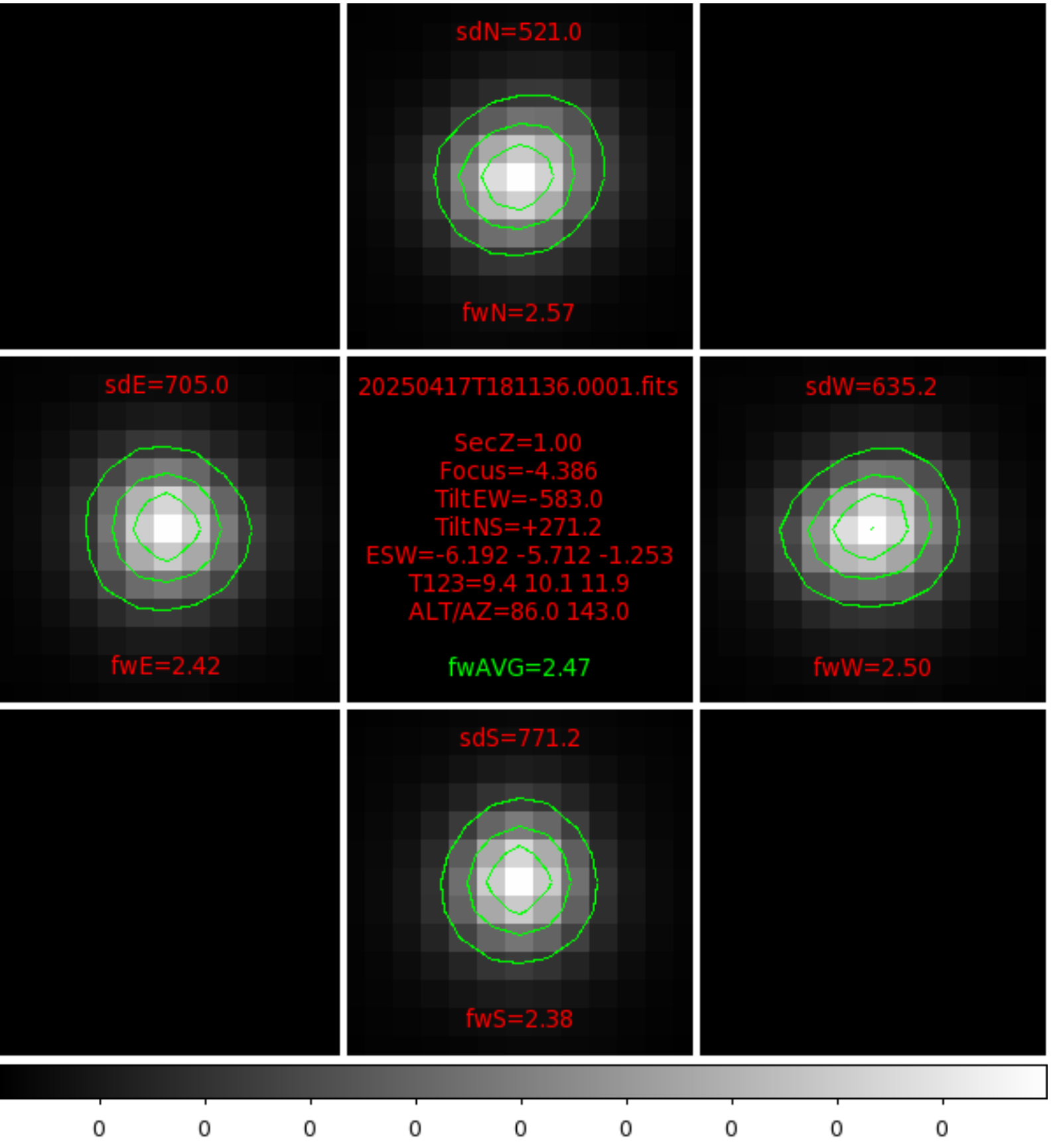
sdN=521.0
fwN=2.57
sdE=705.0
fwE=2.42
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SecZ=1.00
Focus=-4.386
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.192 -5.712 -1.253
T123=9.4 10.1 11.9
ALT/AZ=86.0 143.0
fwAVG=2.47
sdW=635.2
fwW=2.50
sdS=771.2
fwS=2.38
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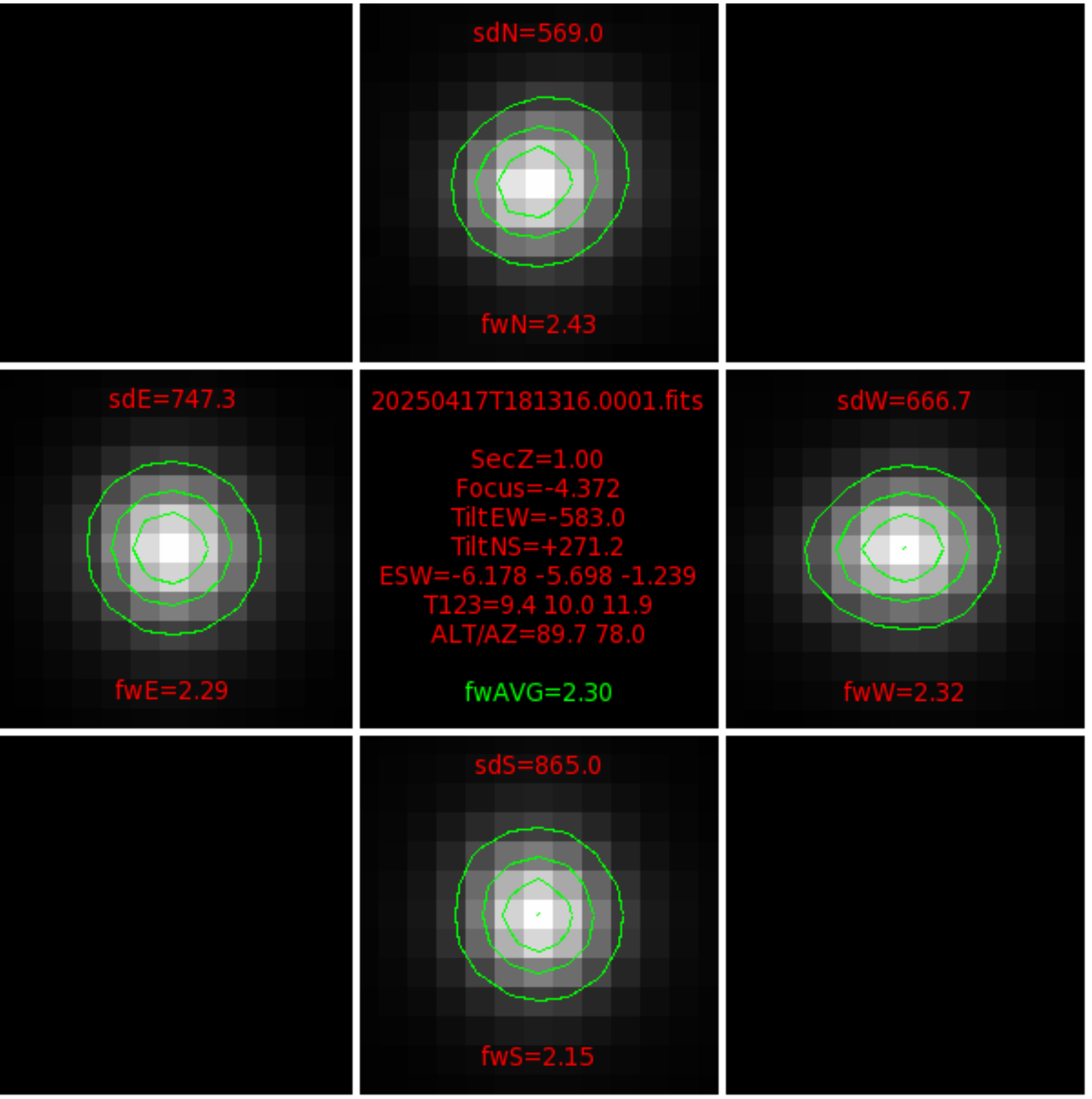
sdN=569.0
fwN=2.43
sdE=747.3
fwE=2.29
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SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.4 10.0 11.9
ALT/AZ=89.7 78.0
fwAVG=2.30
sdW=666.7
fwW=2.32
sdS=865.0
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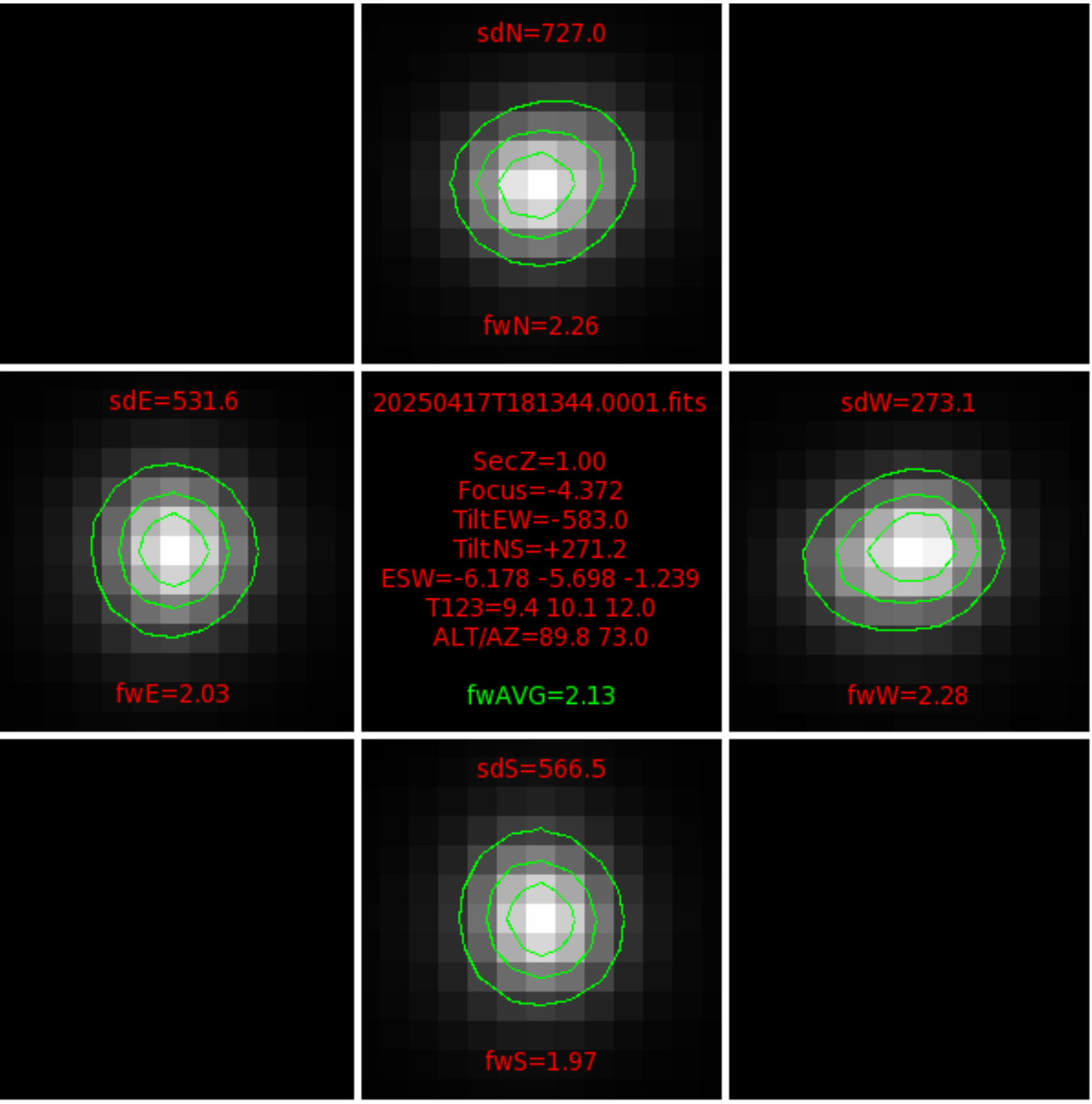
sdN=727.0
fwN=2.26
sdE=531.6
fwE=2.03
20250417T181344.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.4 10.1 12.0
ALT/AZ=89.8 73.0
fwAVG=2.13
sdW=273.1
fwW=2.28
sdS=566.5
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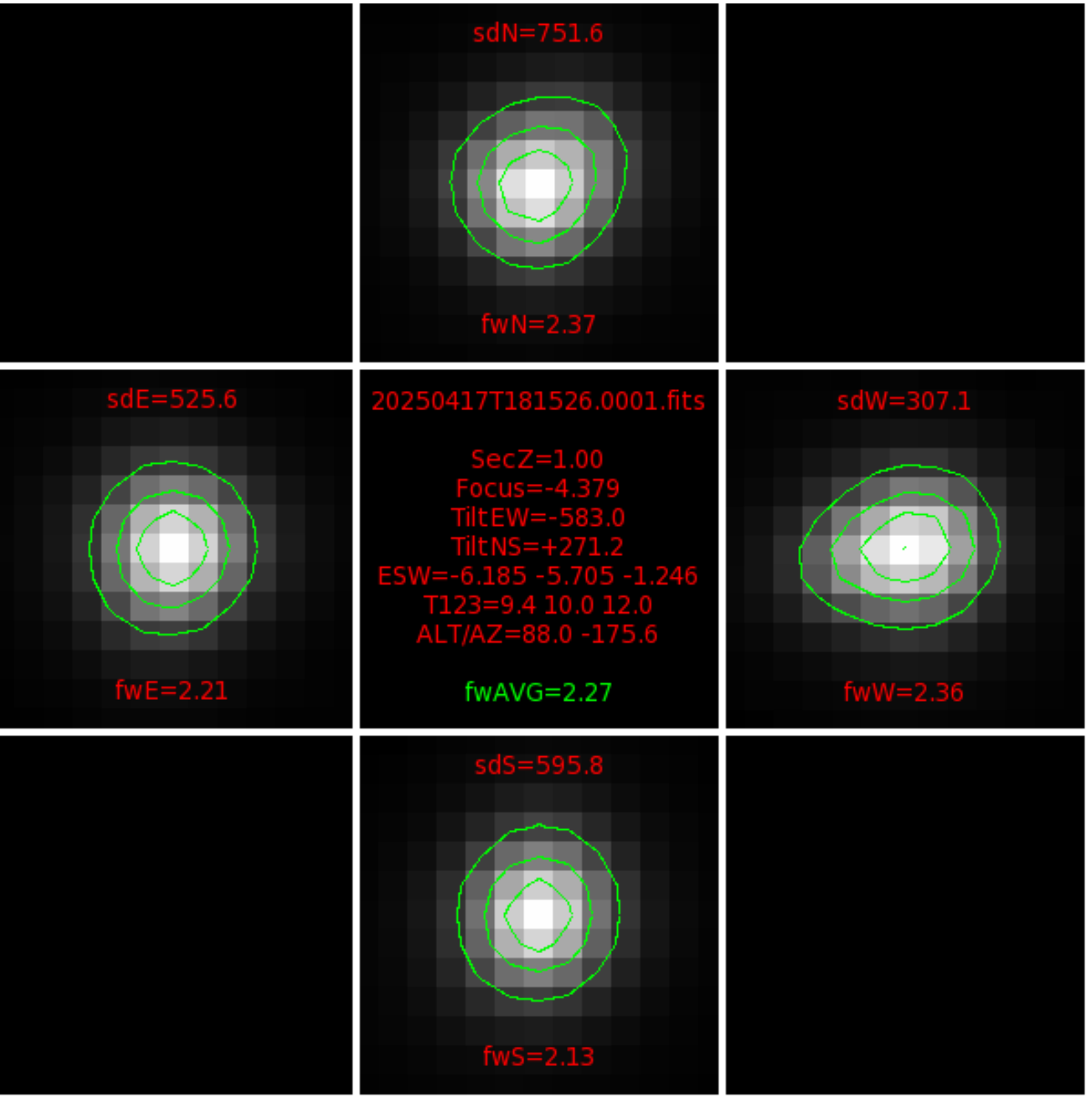
sdN=751.6
fwN=2.37
sdE=525.6
fwE=2.21
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SecZ=1.00
Focus=-4.379
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.185 -5.705 -1.246
T123=9.4 10.0 12.0
ALT/AZ=88.0 -175.6
fwAVG=2.27
sdW=307.1
fwW=2.36
sdS=595.8
fwS=2.13
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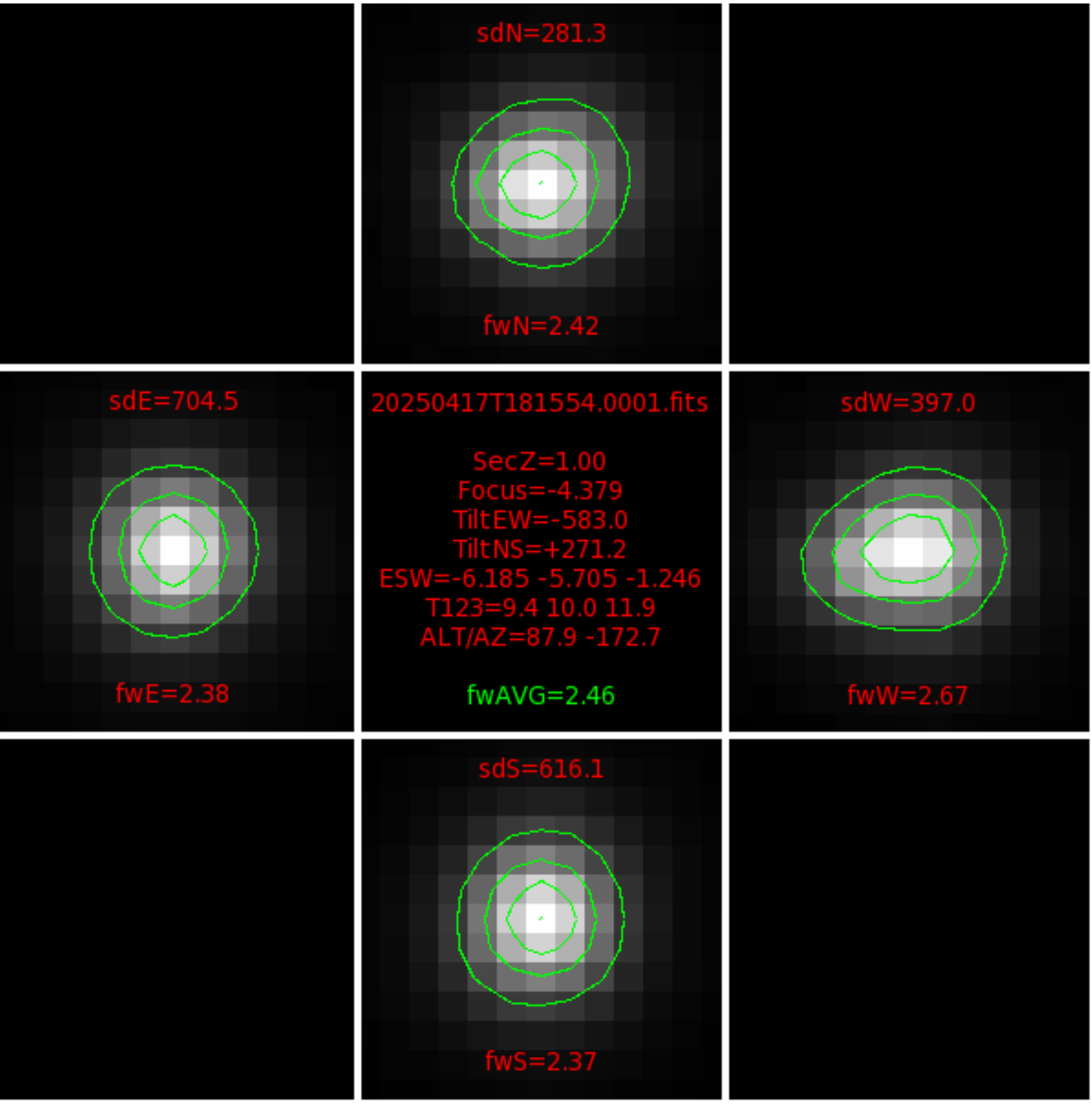
sdN=281.3
fwN=2.42
sdE=704.5
fwE=2.38
20250417T181554.0001.fits
SecZ=1.00
Focus=-4.379
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.185 -5.705 -1.246
T123=9.4 10.0 11.9
ALT/AZ=87.9 -172.7
fwAVG=2.46
sdW=397.0
fwW=2.67
sdS=616.1
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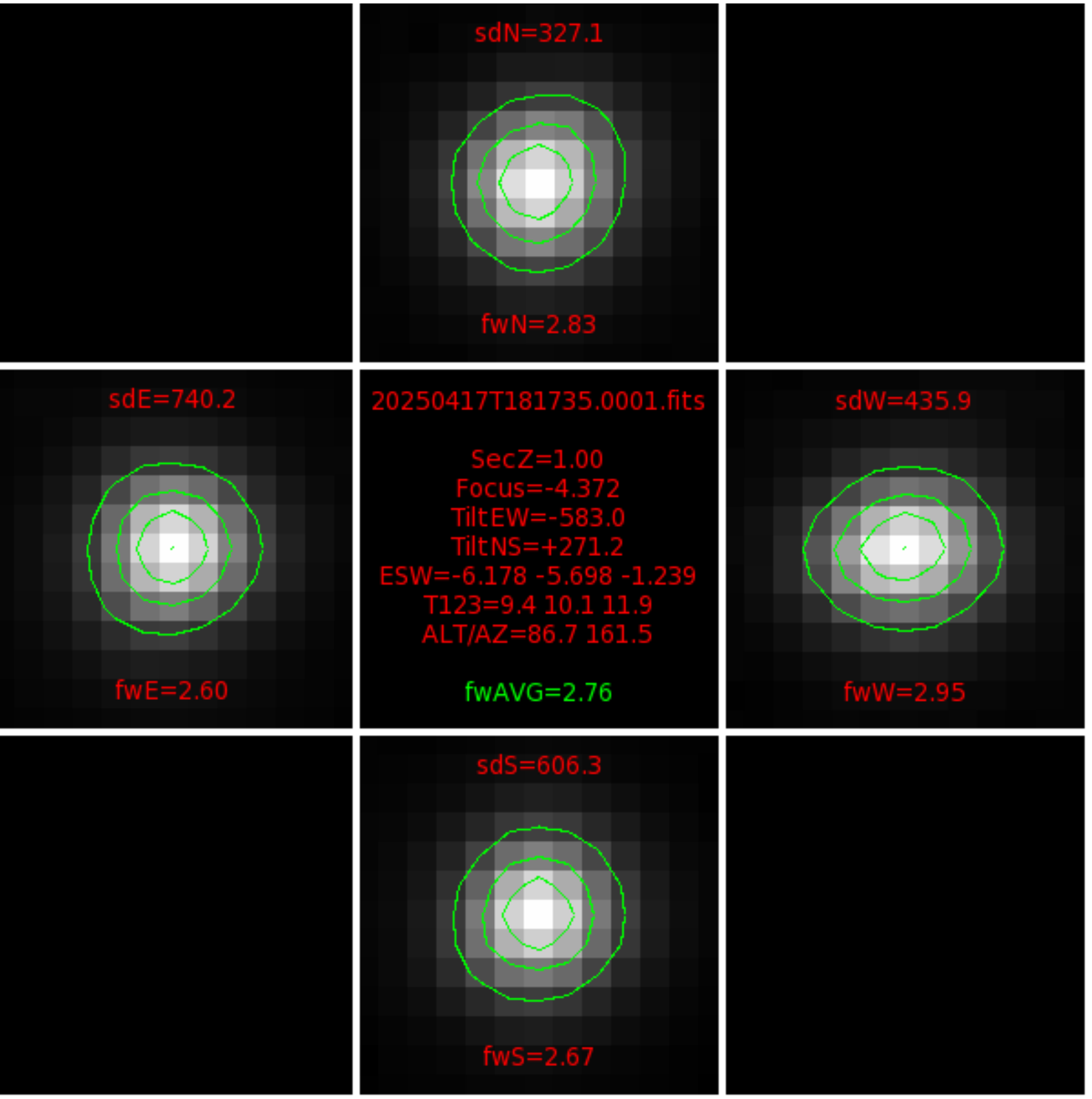
sdN=327.1
fwN=2.83
sdE=740.2
fwE=2.60
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SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.4 10.1 11.9
ALT/AZ=86.7 161.5
fwAVG=2.76
sdW=435.9
fwW=2.95
sdS=606.3
fwS=2.67
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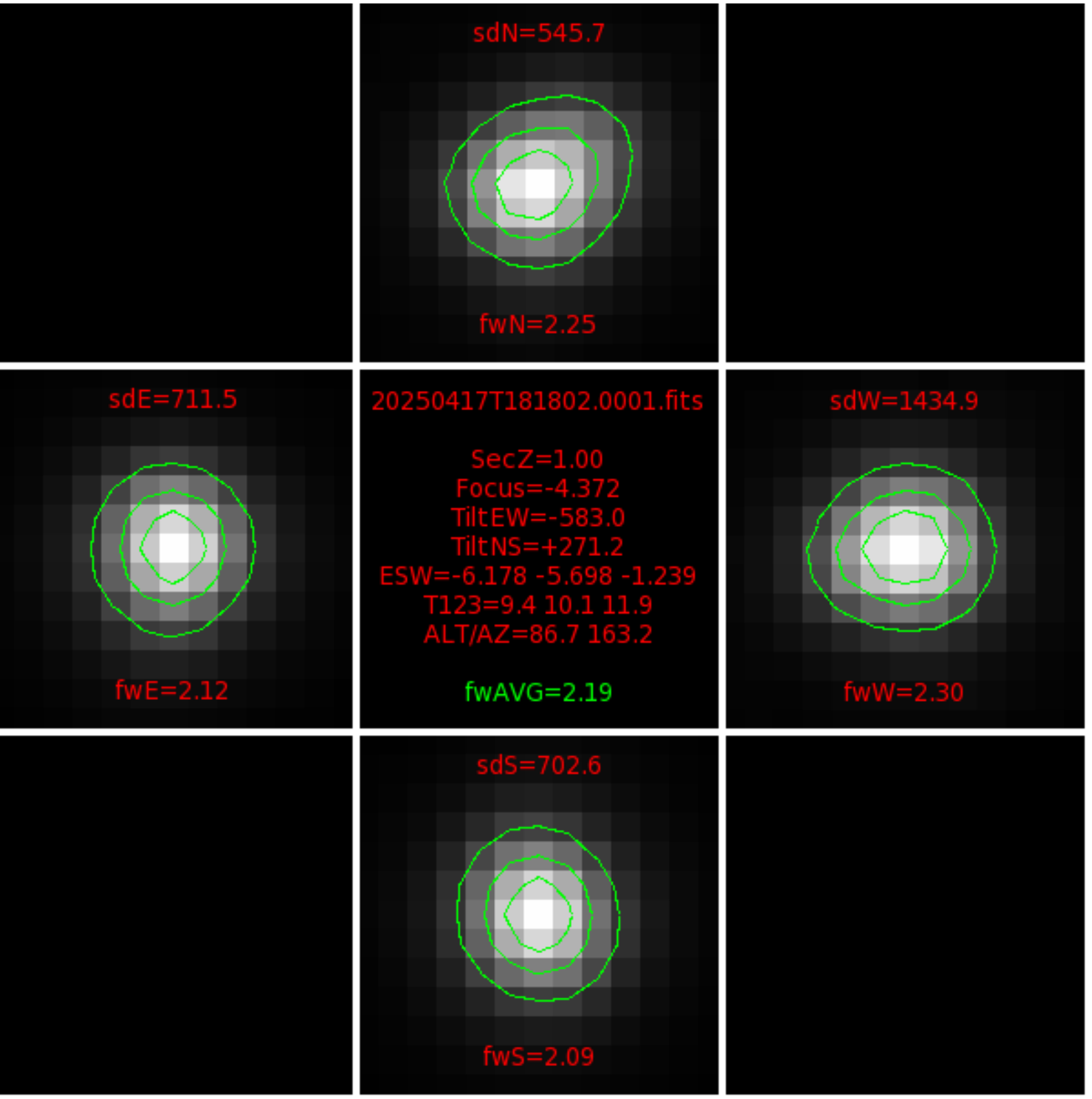
sdN=545.7
fwN=2.25
sdE=711.5
fwE=2.12
20250417T181802.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.4 10.1 11.9
ALT/AZ=86.7 163.2
fwAVG=2.19
sdW=1434.9
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sdS=702.6
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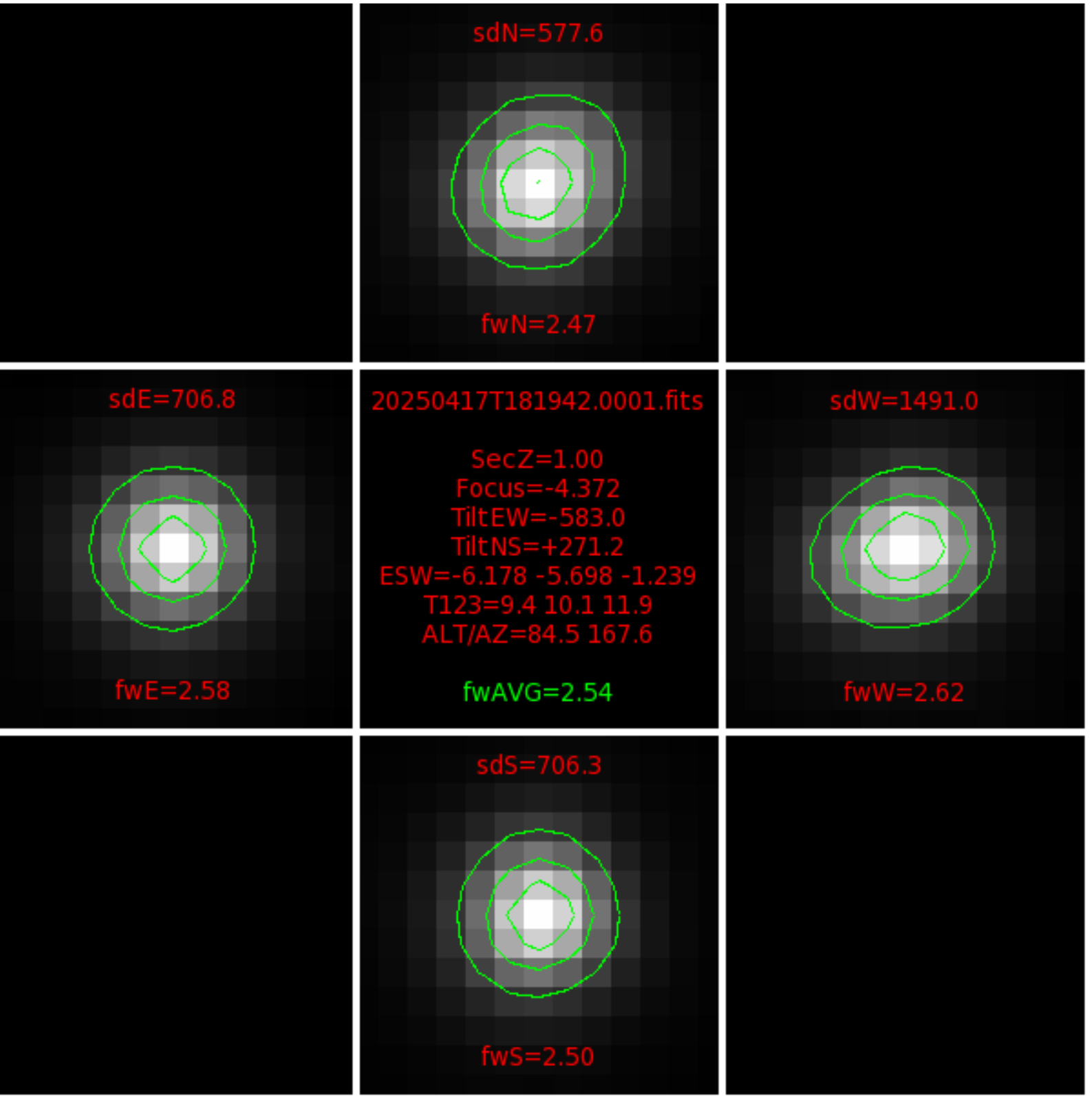
sdN=577.6
fwN=2.47
sdE=706.8
fwE=2.58
20250417T181942.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.4 10.1 11.9
ALT/AZ=84.5 167.6
fwAVG=2.54
sdW=1491.0
fwW=2.62
sdS=706.3
fwS=2.50
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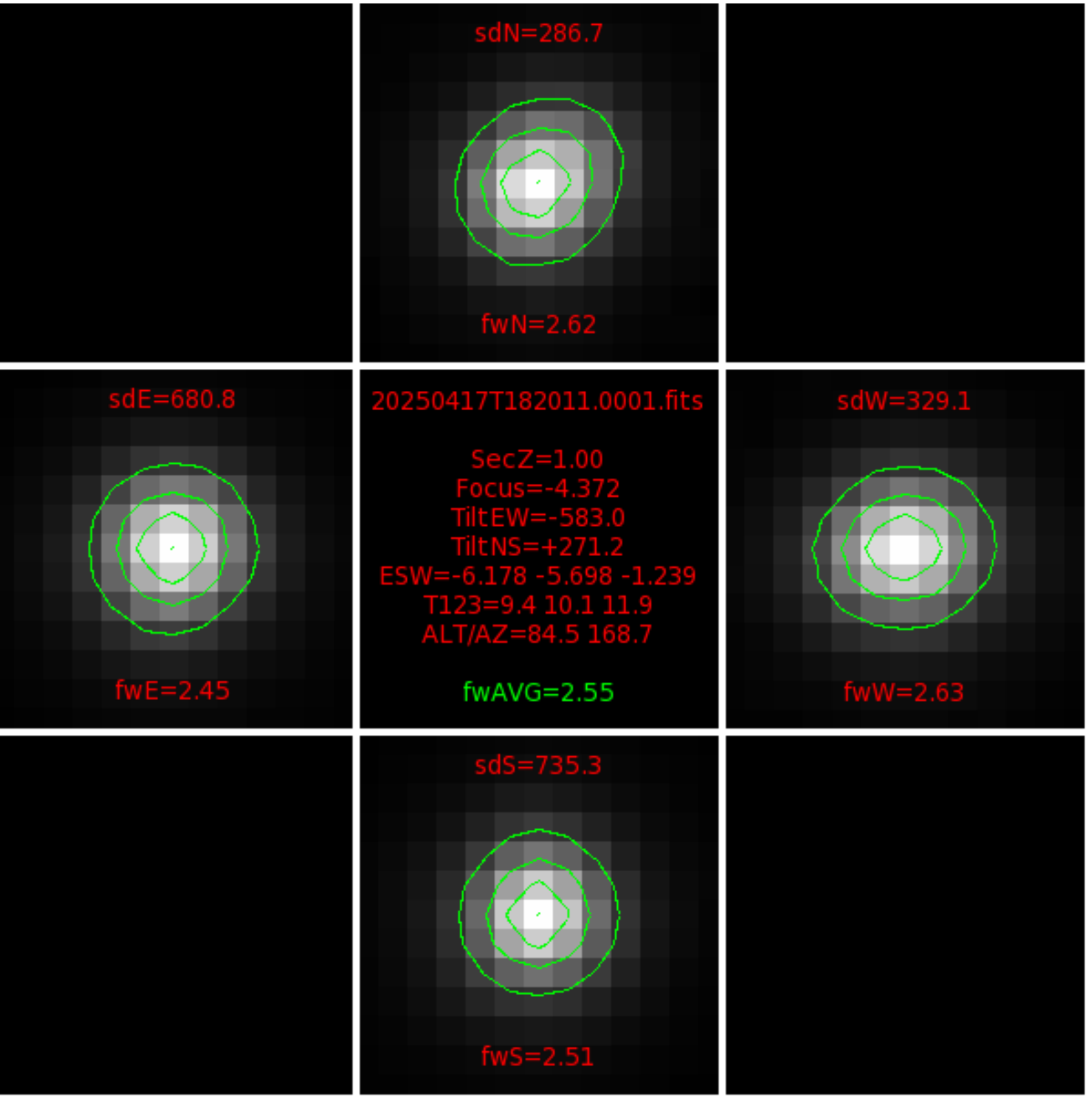
sdN=286.7
fwN=2.62
sdE=680.8
fwE=2.45
20250417T182011.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.4 10.1 11.9
ALT/AZ=84.5 168.7
fwAVG=2.55
sdW=329.1
fwW=2.63
sdS=735.3
fwS=2.51
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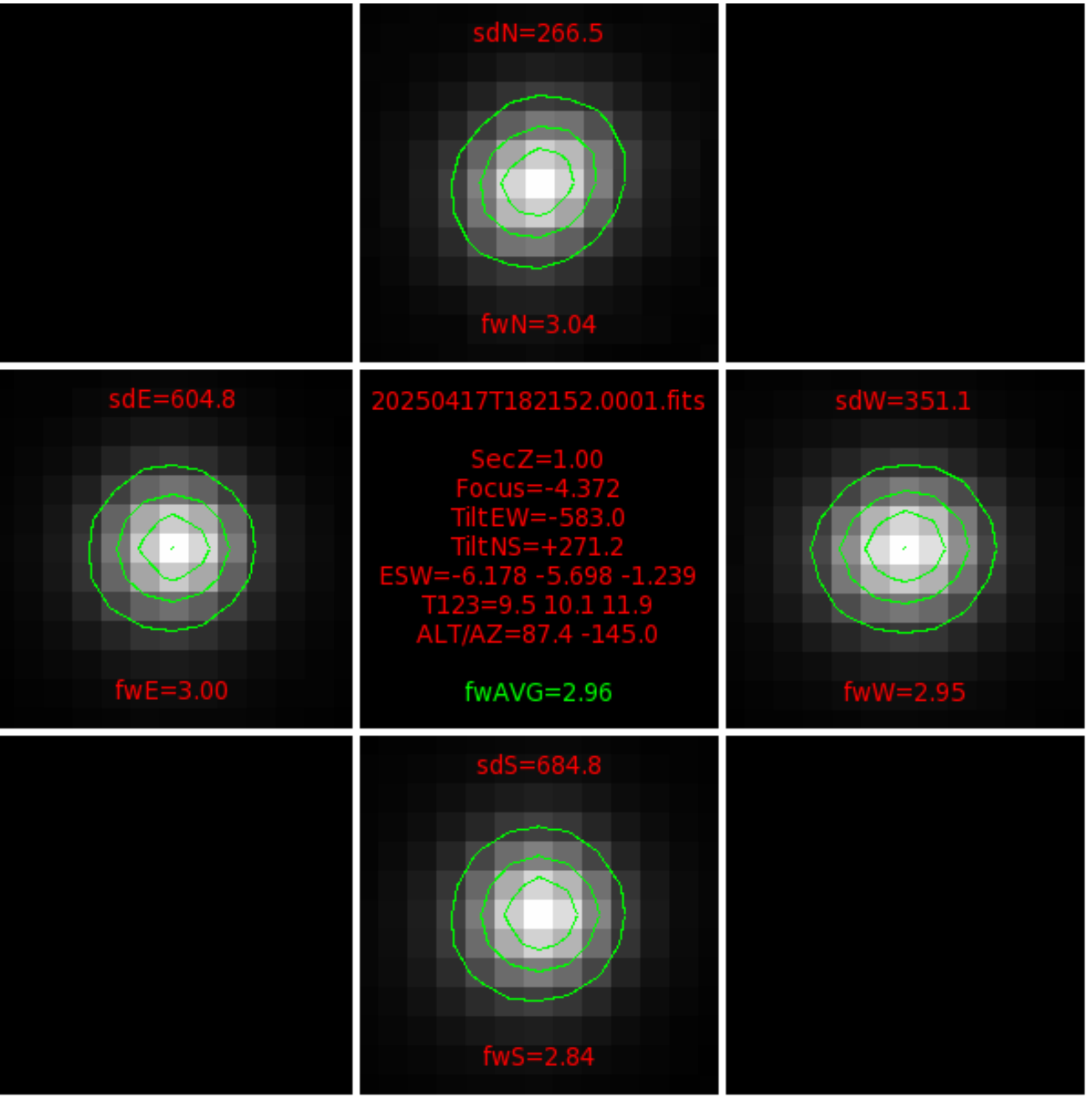
sdN=266.5
fwN=3.04
sdE=604.8
fwE=3.00
20250417T182152.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.5 10.1 11.9
ALT/AZ=87.4 -145.0
fwAVG=2.96
sdW=351.1
fwW=2.95
sdS=684.8
fwS=2.84
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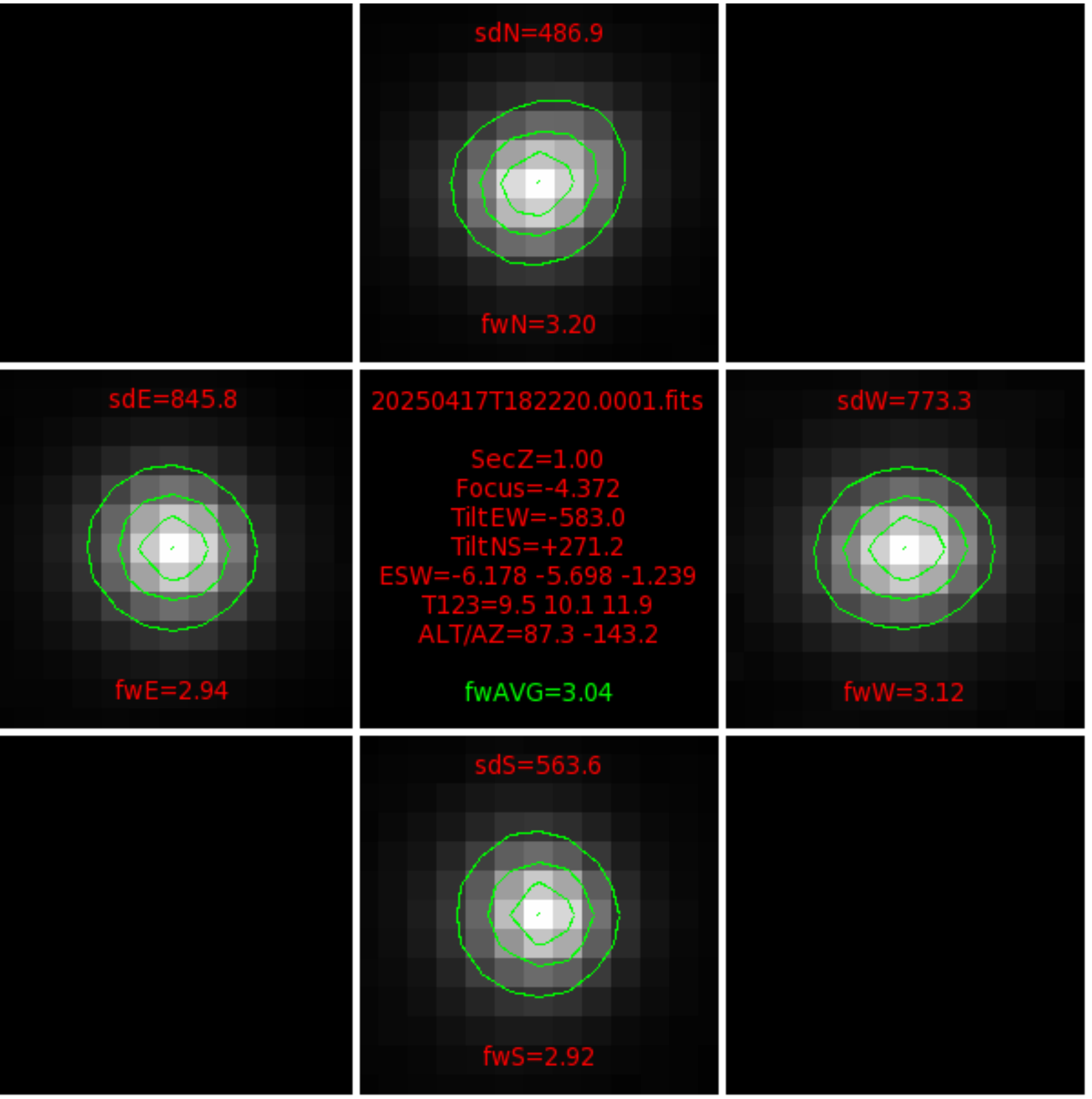
sdN=486.9
fwN=3.20
sdE=845.8
fwE=2.94
20250417T182220.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.5 10.1 11.9
ALT/AZ=87.3 -143.2
fwAVG=3.04
sdW=773.3
fwW=3.12
sdS=563.6
fwS=2.92
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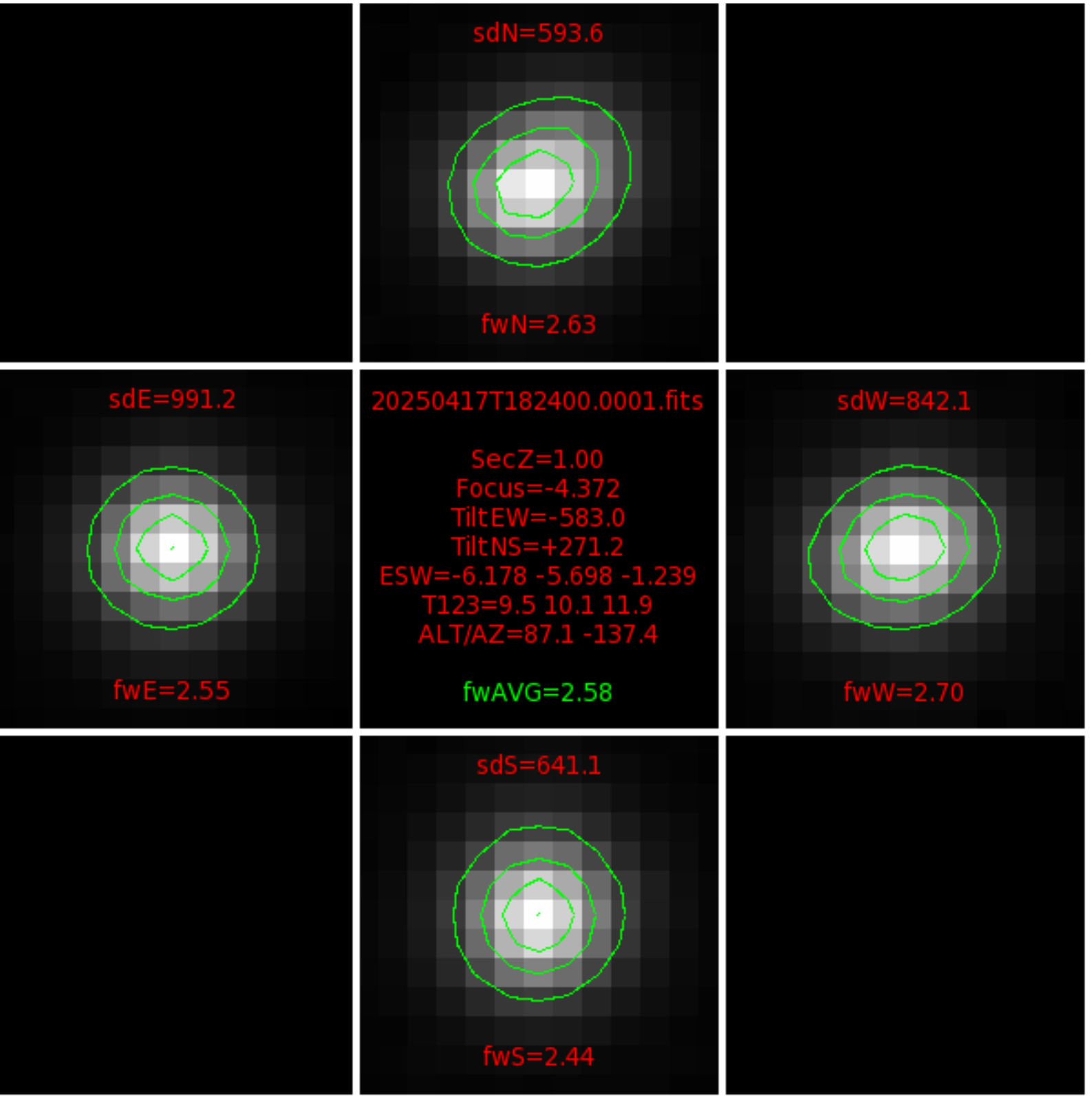
sdN=593.6
fwN=2.63
sdE=991.2
fwE=2.55
20250417T182400.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.5 10.1 11.9
ALT/AZ=87.1 -137.4
fwAVG=2.58
sdW=842.1
fwW=2.70
sdS=641.1
fwS=2.44
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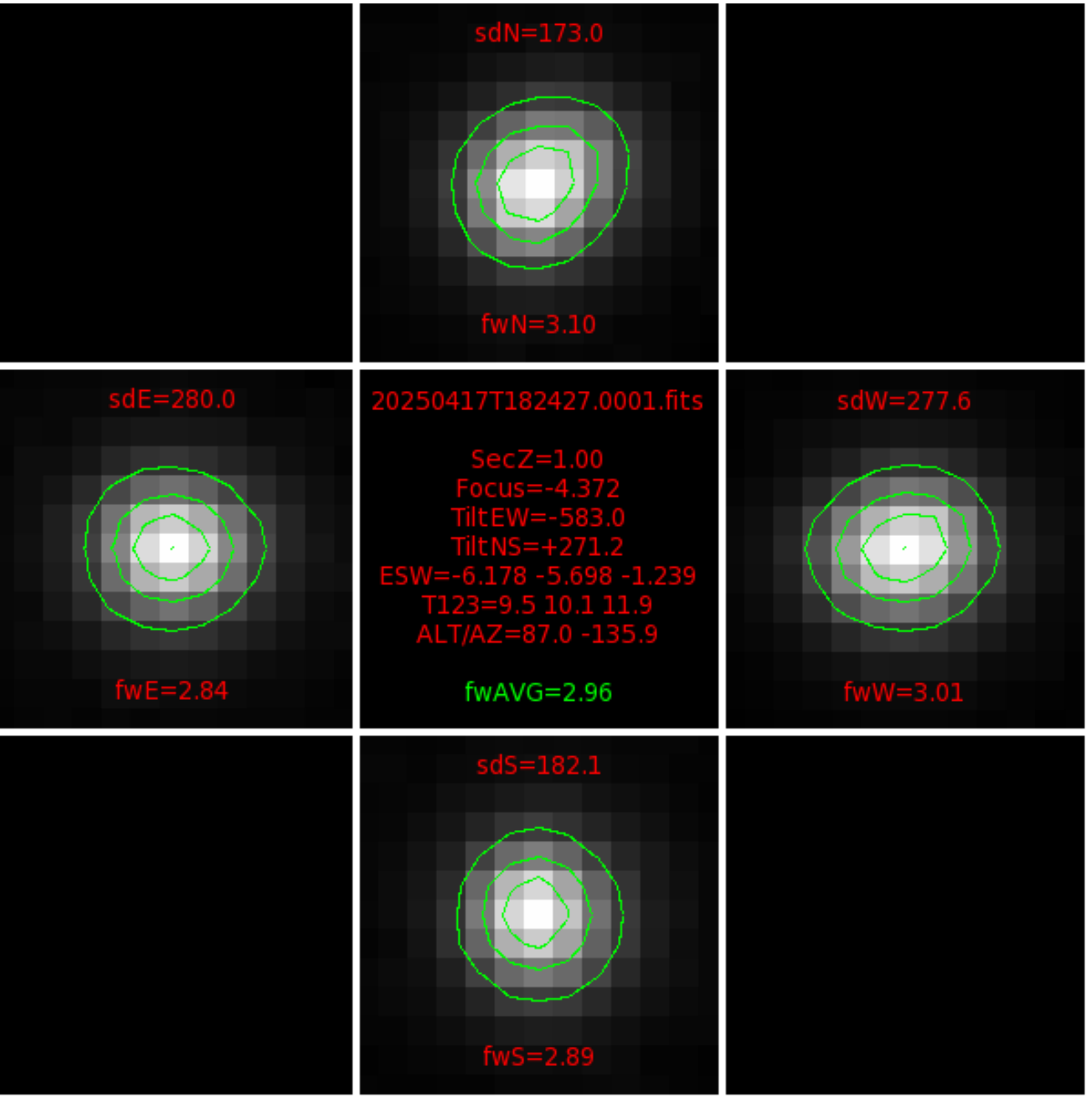
sdN=173.0
fwN=3.10
sdE=280.0
fwE=2.84
20250417T182427.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.5 10.1 11.9
ALT/AZ=87.0 -135.9
fwAVG=2.96
sdW=277.6
fwW=3.01
sdS=182.1
fwS=2.89
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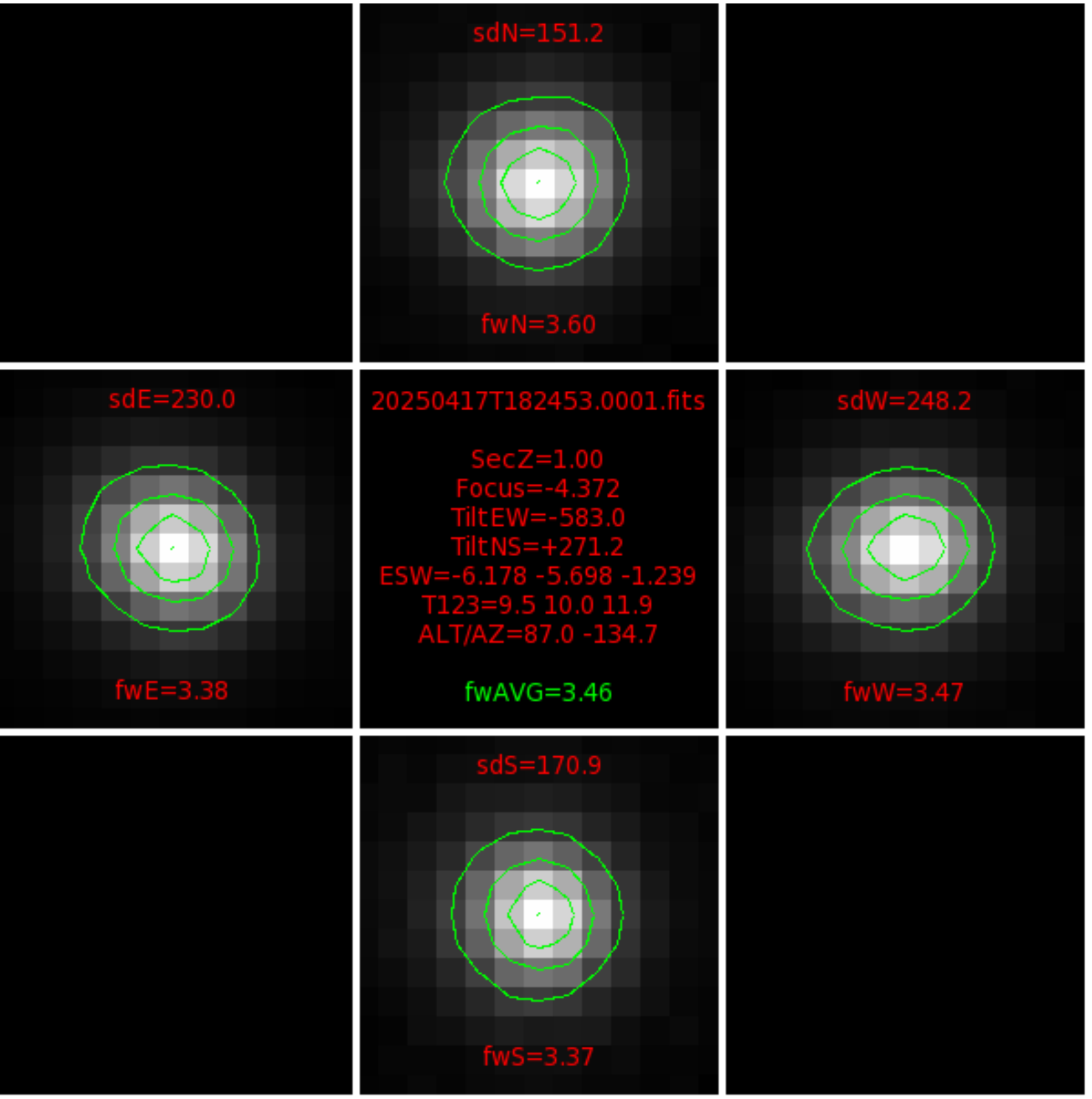
sdN=151.2
fwN=3.60
sdE=230.0
fwE=3.38
20250417T182453.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.5 10.0 11.9
ALT/AZ=87.0 -134.7
fwAVG=3.46
sdW=248.2
fwW=3.47
sdS=170.9
fwS=3.37
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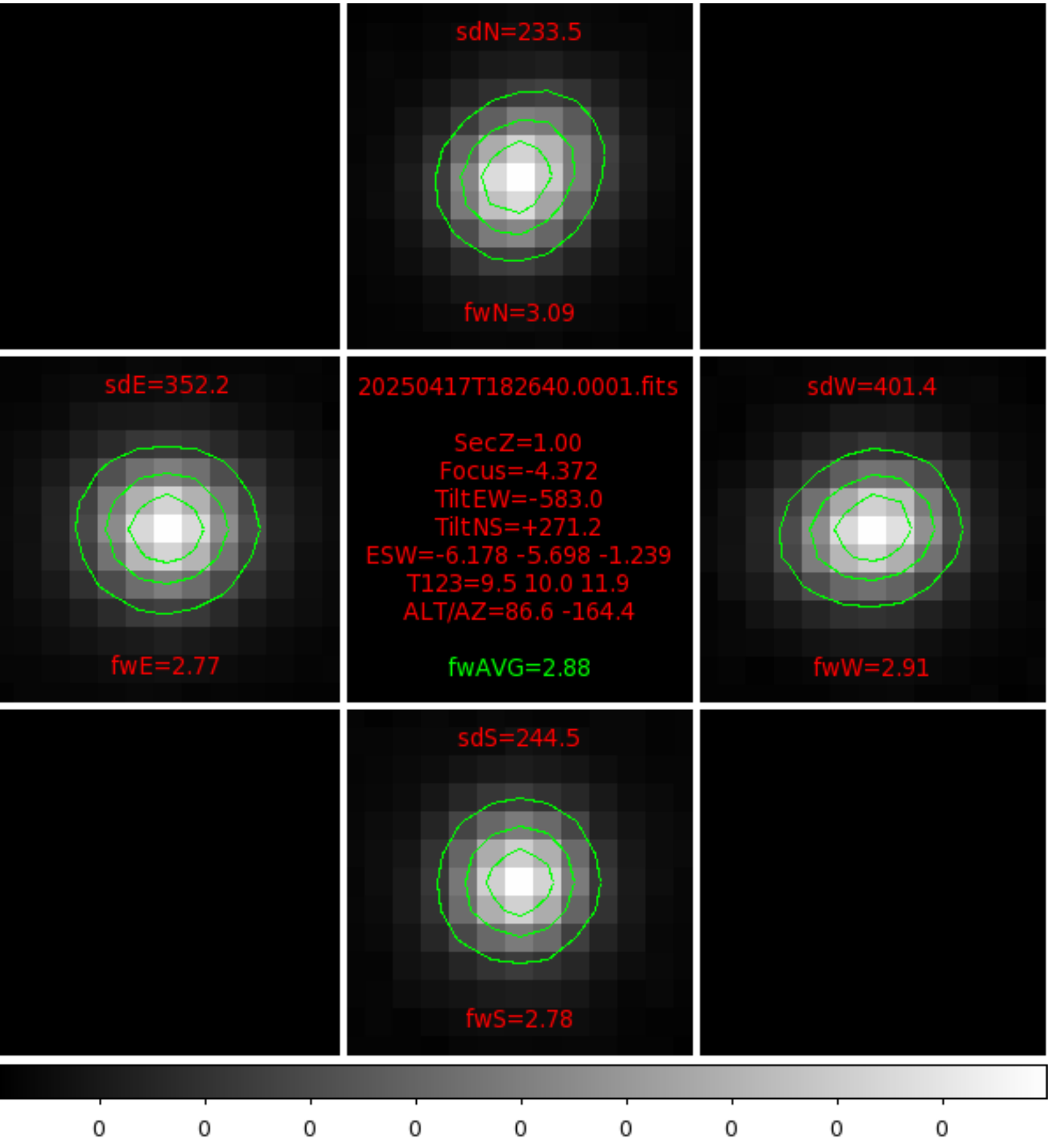
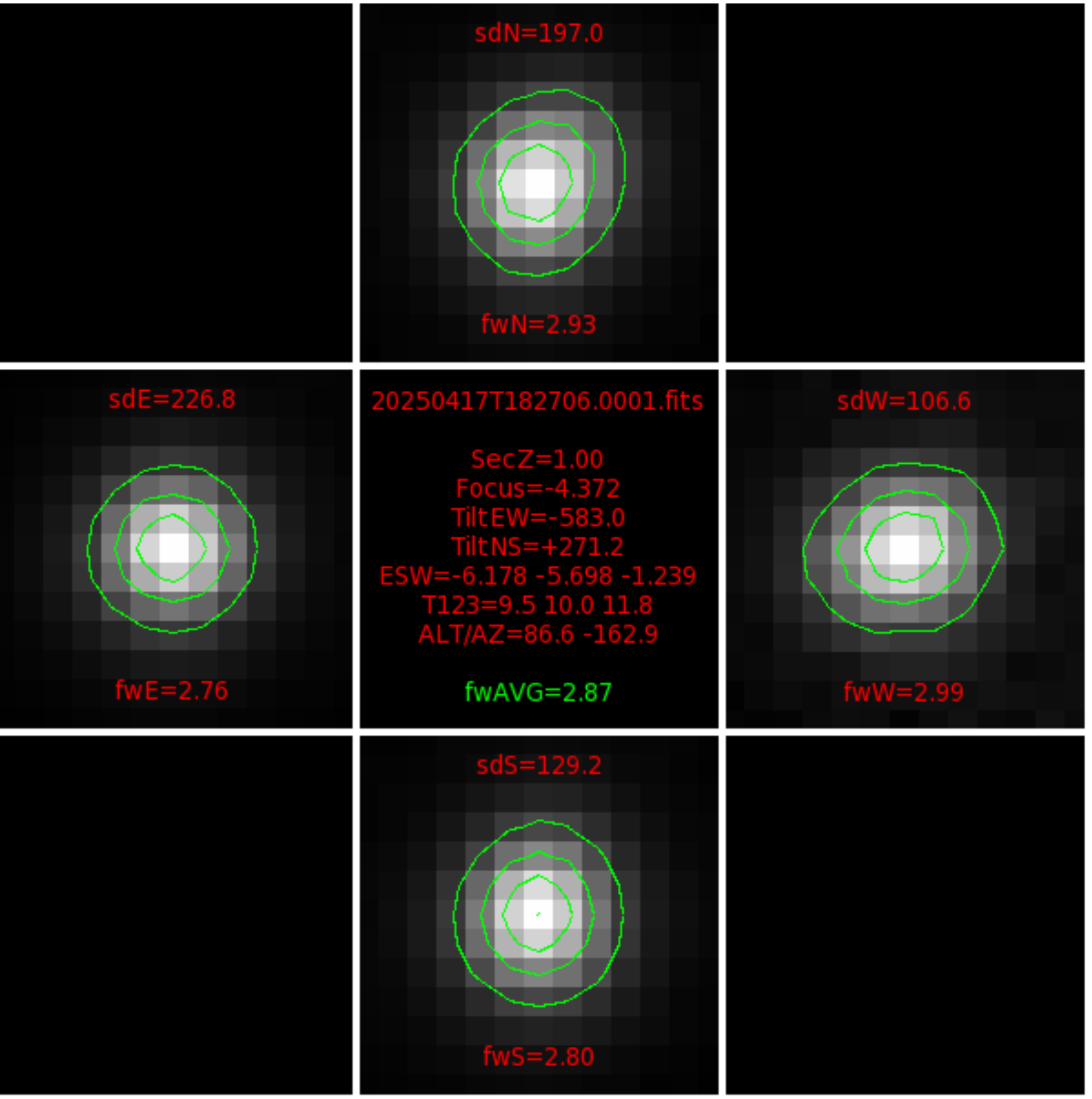
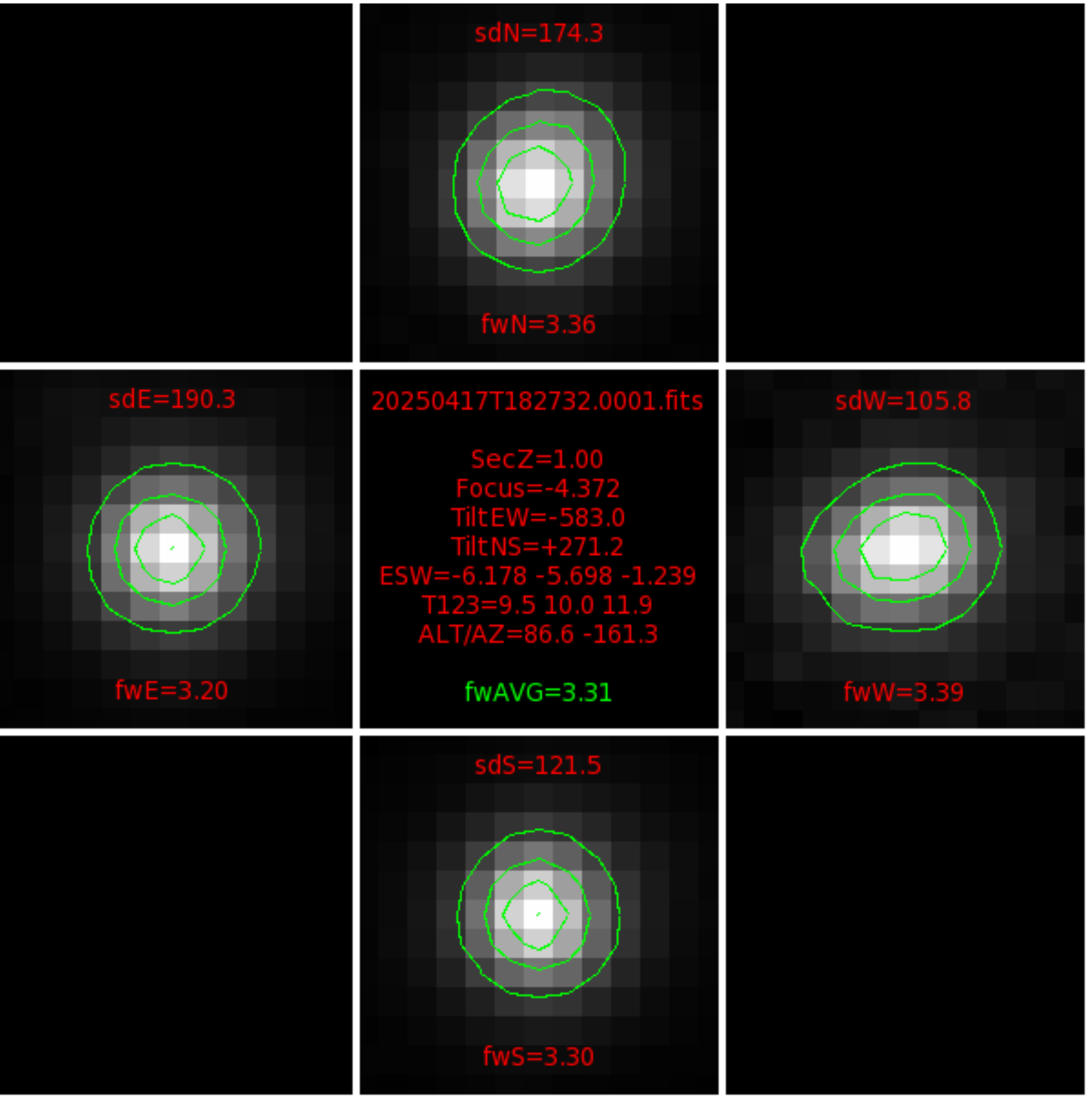

sdN=233.5
fwN=3.09
sdE=352.2
fwE=2.77
20250417T182640.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.5 10.0 11.9
ALT/AZ=86.6 -164.4
fwAVG=2.88
sdW=401.4
fwW=2.91
sdS=244.5
fwS=2.78
0 0 0 0 0 0 0 0 0


sdN=197.0
fwN=2.93
sdE=226.8
fwE=2.76
20250417T182706.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.5 10.0 11.8
ALT/AZ=86.6 -162.9
fwAVG=2.87
sdW=106.6
fwW=2.99
sdS=129.2
fwS=2.80
0 0 0 0 0 0 0 0 0


sdN=174.3
fwN=3.36
sdE=190.3
fwE=3.20
20250417T182732.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.178 -5.698 -1.239
T123=9.5 10.0 11.9
ALT/AZ=86.6 -161.3
fwAVG=3.31
sdW=105.8
fwW=3.39
sdS=121.5
fwS=3.30
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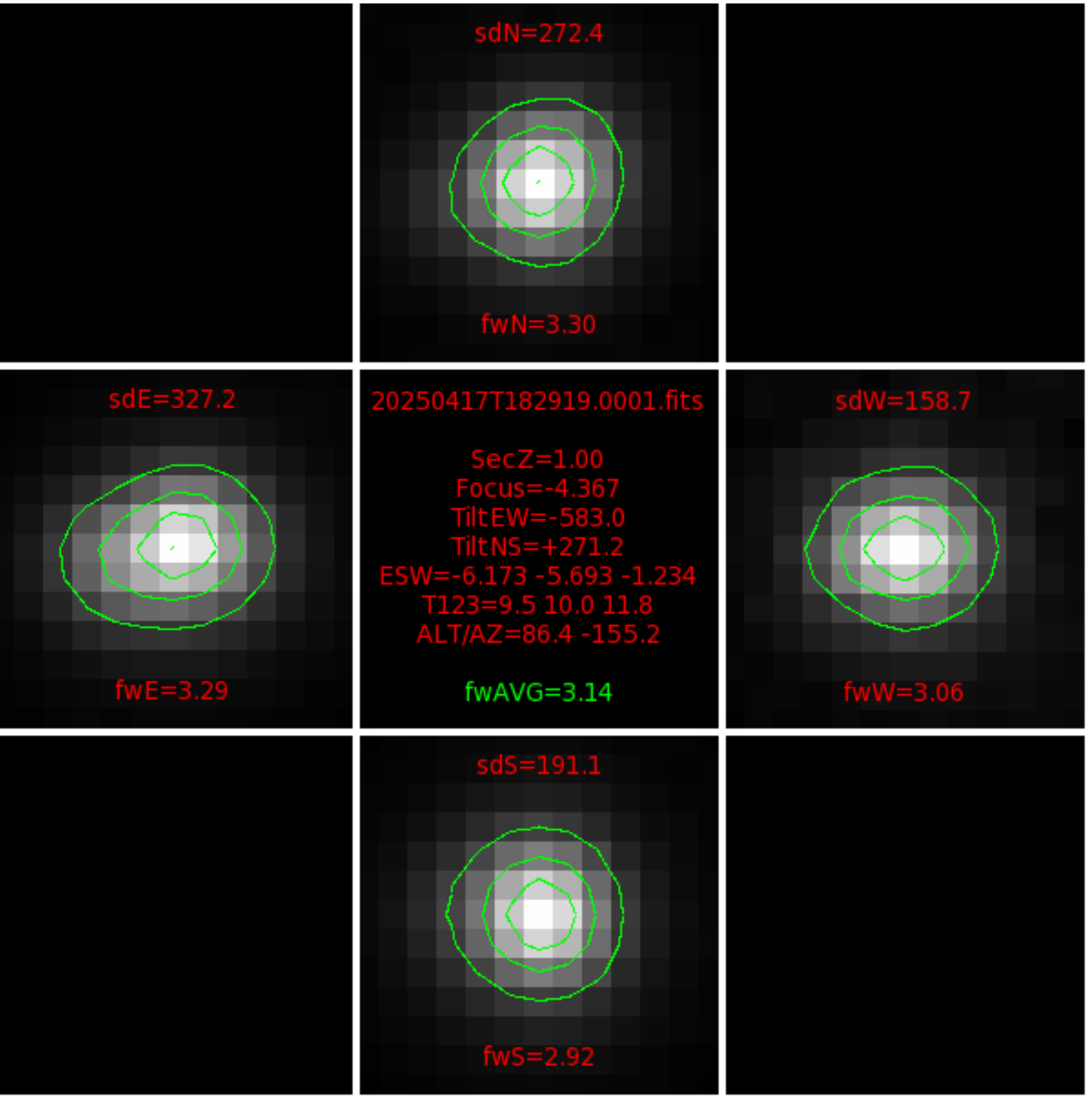
sdN=272.4
fwN=3.30
sdE=327.2
fwE=3.29
20250417T182919.0001.fits
SecZ=1.00
Focus=-4.367
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.173 -5.693 -1.234
T123=9.5 10.0 11.8
ALT/AZ=86.4 -155.2
fwAVG=3.14
sdW=158.7
fwW=3.06
sdS=191.1
fwS=2.92
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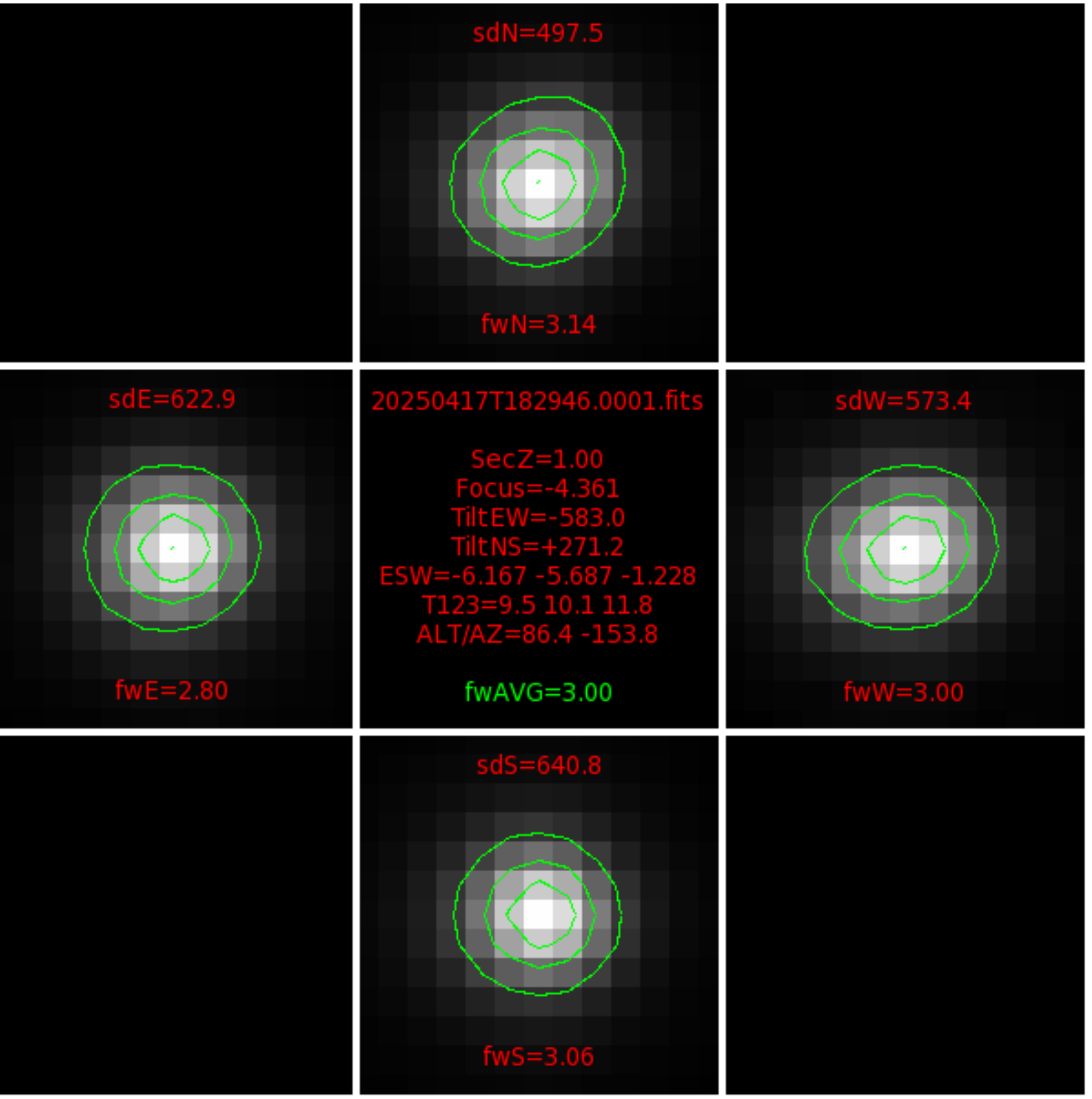
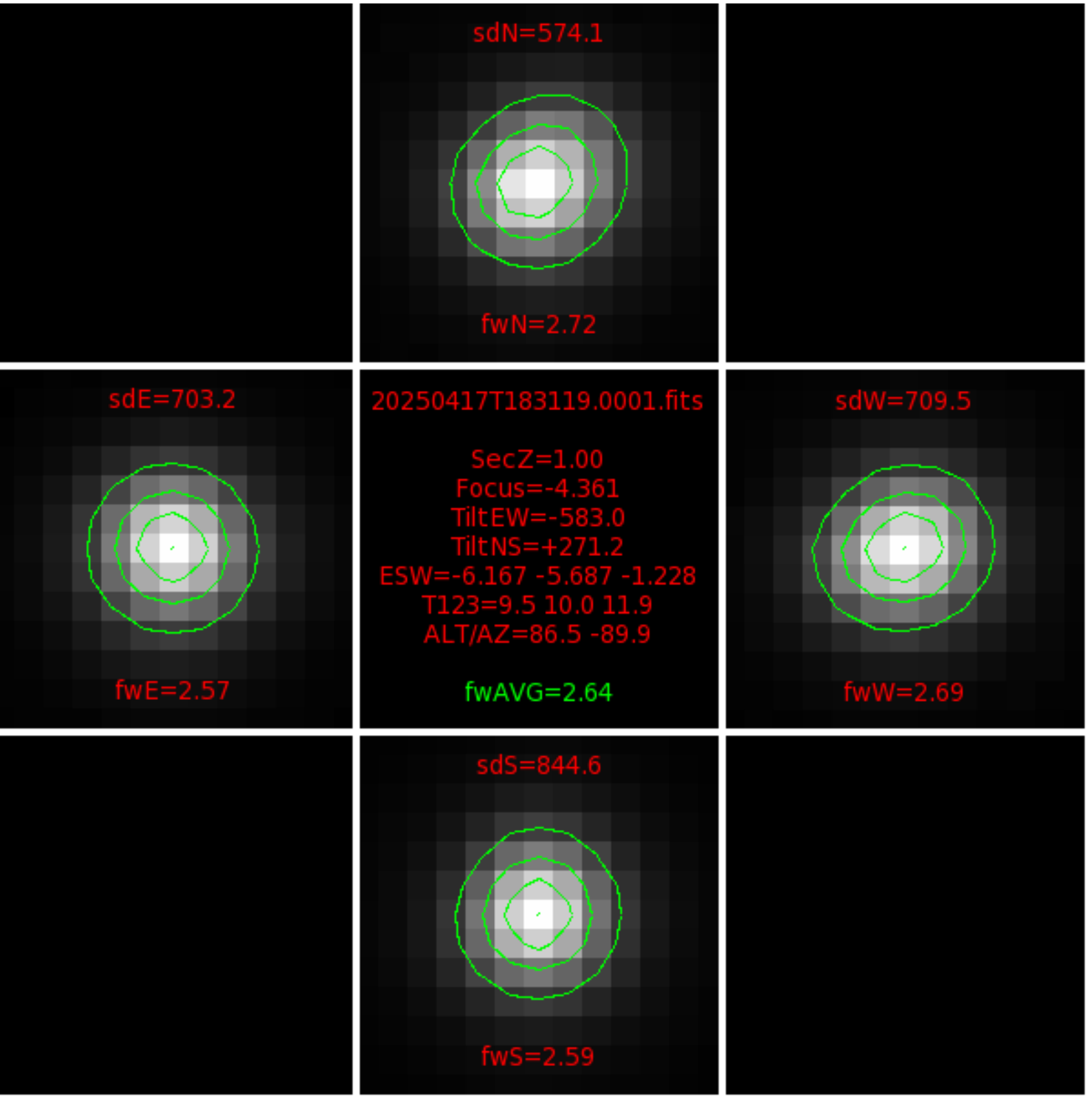

sdN=497.5
fwN=3.14
sdE=622.9
fwE=2.80
20250417T182946.0001.fits
SecZ=1.00
Focus=-4.361
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.167 -5.687 -1.228
T123=9.5 10.1 11.8
ALT/AZ=86.4 -153.8
fwAVG=3.00
sdW=573.4
fwW=3.00
sdS=640.8
fwS=3.06
0 0 0 0 0 0 0 0 0


sdN=574.1
fwN=2.72
sdE=703.2
fwE=2.57
20250417T183119.0001.fits
SecZ=1.00
Focus=-4.361
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.167 -5.687 -1.228
T123=9.5 10.0 11.9
ALT/AZ=86.5 -89.9
fwAVG=2.64
sdW=709.5
fwW=2.69
sdS=844.6
fwS=2.59
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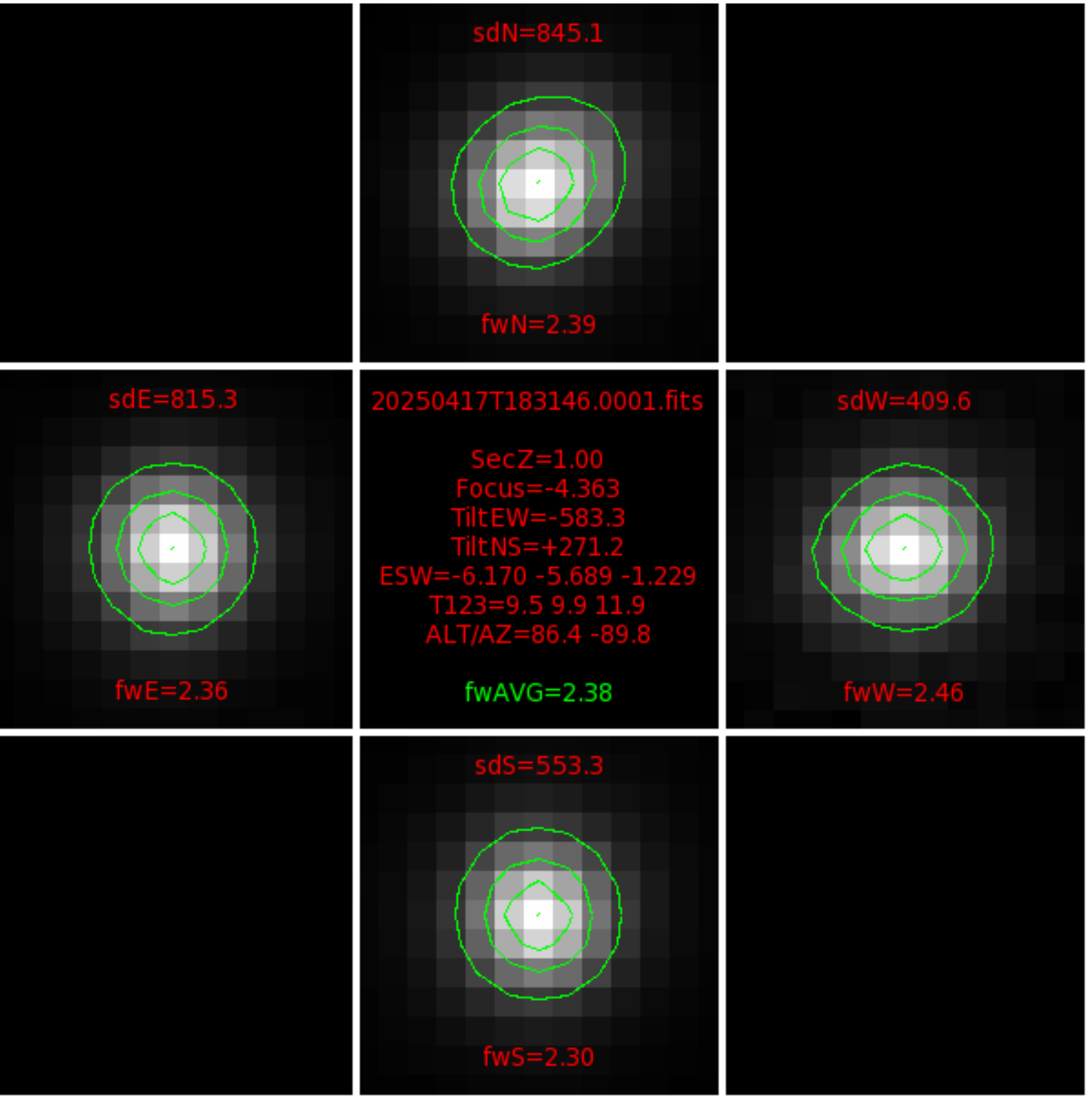
sdN=845.1
fwN=2.39
sdE=815.3
fwE=2.36
20250417T183146.0001.fits
SecZ=1.00
Focus=-4.363
TiltEW=-583.3
TiltNS=+271.2
ESW=-6.170 -5.689 -1.229
T123=9.5 9.9 11.9
ALT/AZ=86.4 -89.8
fwAVG=2.38
sdW=409.6
fwW=2.46
sdS=553.3
fwS=2.30
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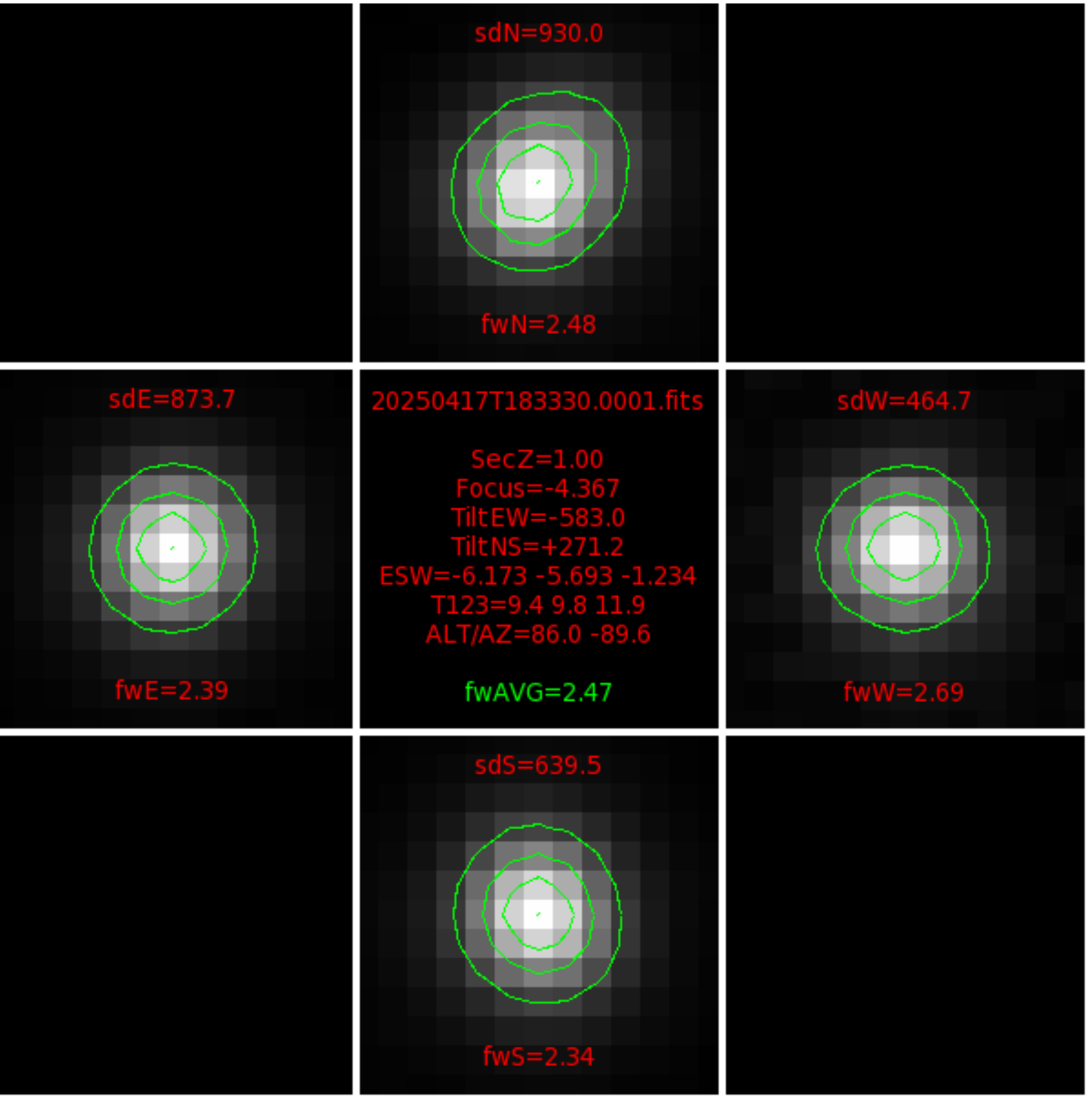
sdN=930.0
fwN=2.48
sdE=873.7
fwE=2.39
20250417T183330.0001.fits
SecZ=1.00
Focus=-4.367
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.173 -5.693 -1.234
T123=9.4 9.8 11.9
ALT/AZ=86.0 -89.6
fwAVG=2.47
sdW=464.7
fwW=2.69
sdS=639.5
fwS=2.34
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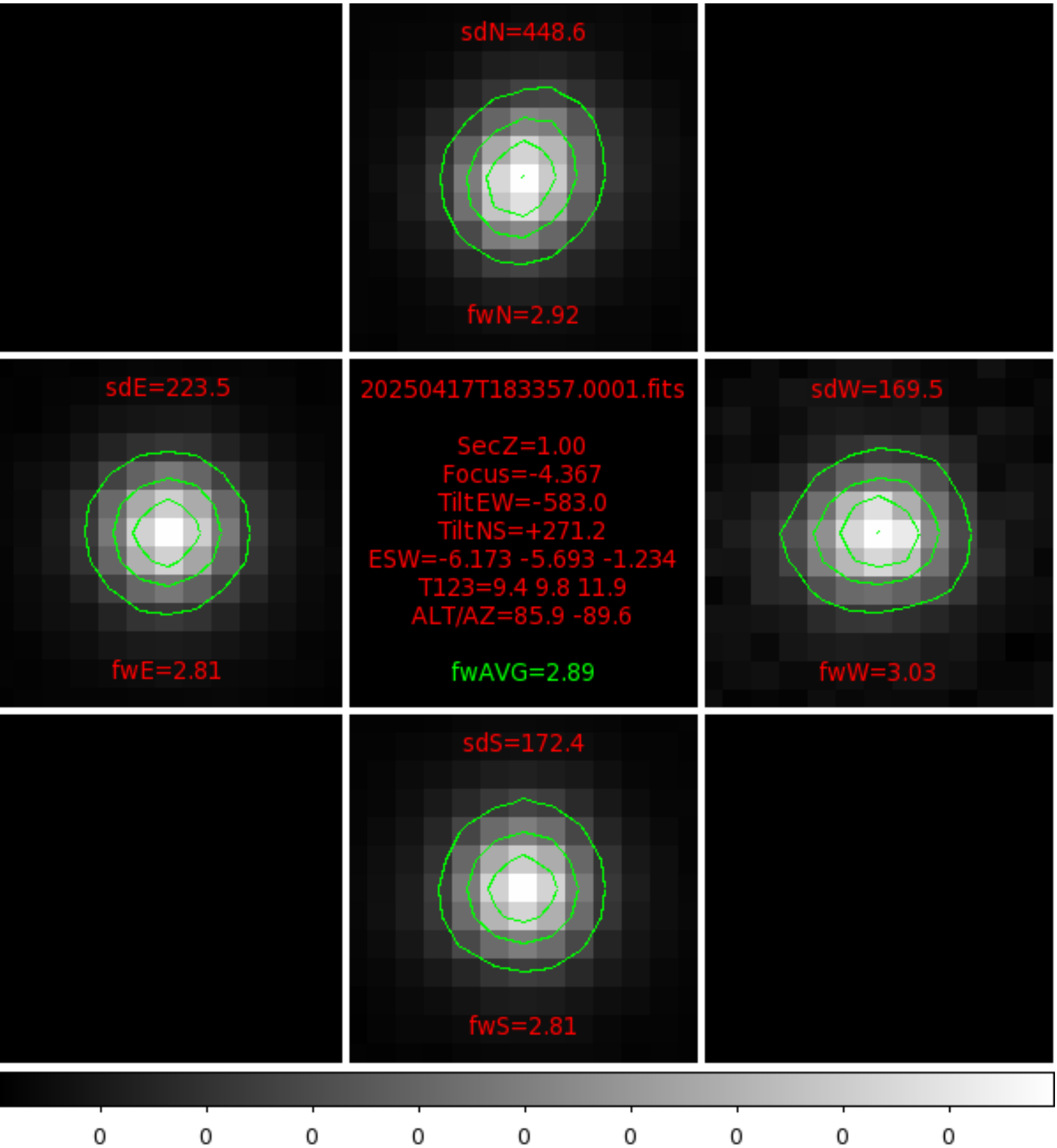
sdN=448.6
fwN=2.92
sdE=223.5
fwE=2.81
20250417T183357.0001.fits
SecZ=1.00
Focus=-4.367
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.173 -5.693 -1.234
T123=9.4 9.8 11.9
ALT/AZ=85.9 -89.6
fwAVG=2.89
sdW=169.5
fwW=3.03
sdS=172.4
fwS=2.81
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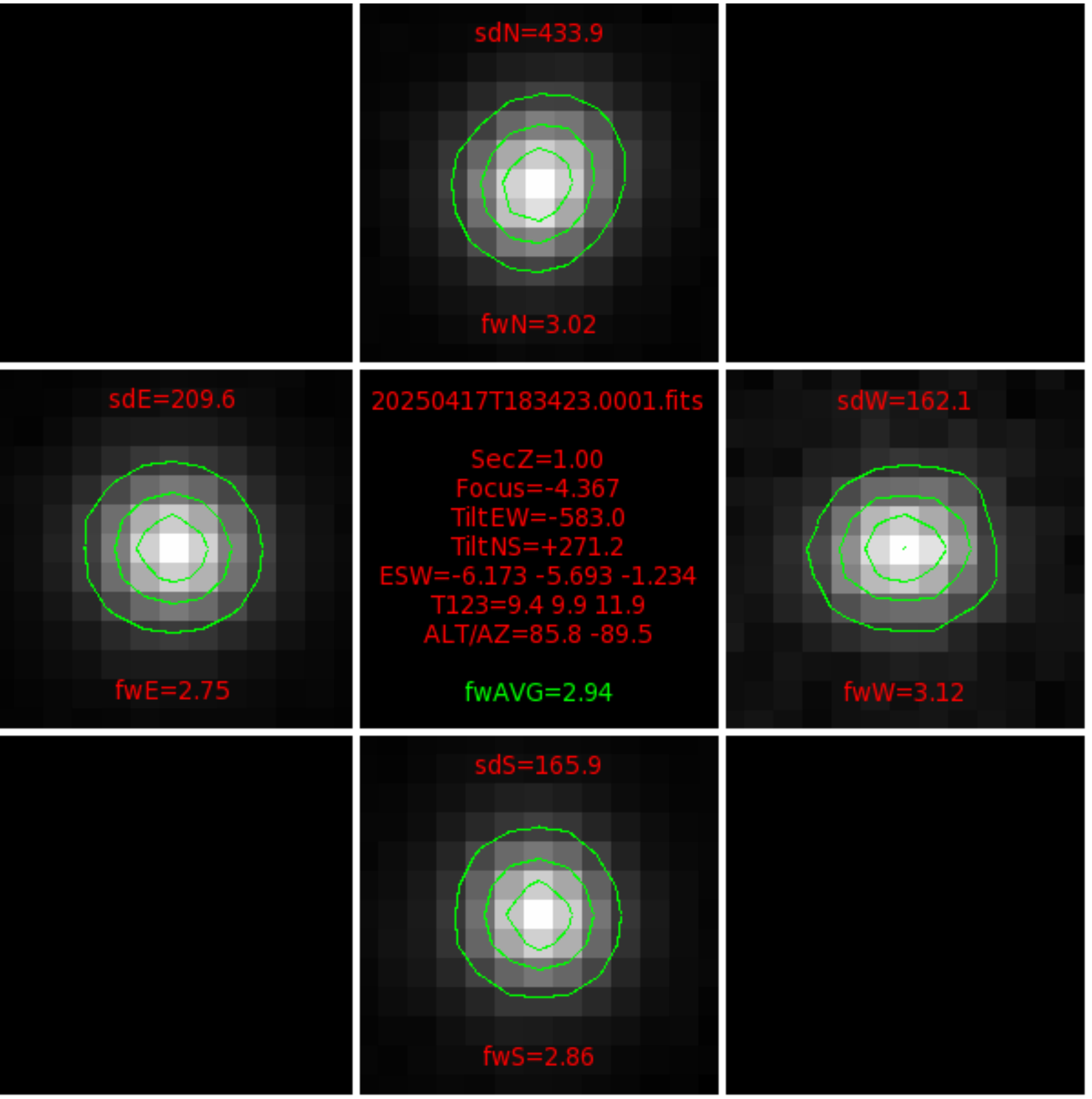
sdN=433.9
fwN=3.02
sdE=209.6
fwE=2.75
20250417T183423.0001.fits
SecZ=1.00
Focus=-4.367
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.173 -5.693 -1.234
T123=9.4 9.9 11.9
ALT/AZ=85.8 -89.5
fwAVG=2.94
sdW=162.1
fwW=3.12
sdS=165.9
fwS=2.86
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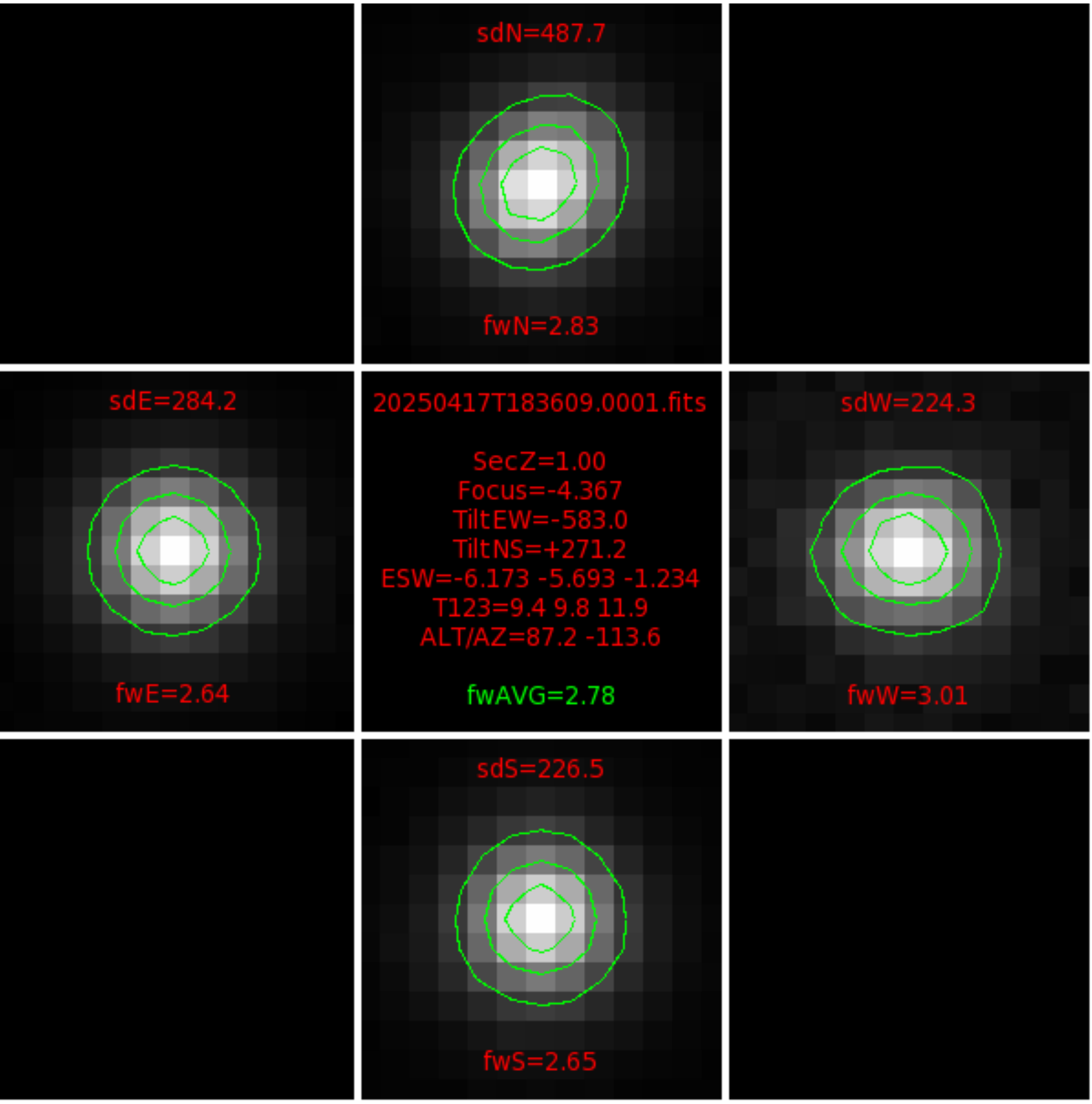
sdN=487.7
fwN=2.83
sdE=284.2
fwE=2.64
20250417T183609.0001.fits
SecZ=1.00
Focus=-4.367
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.173 -5.693 -1.234
T123=9.4 9.8 11.9
ALT/AZ=87.2 -113.6
fwAVG=2.78
sdW=224.3
fwW=3.01
sdS=226.5
fwS=2.65
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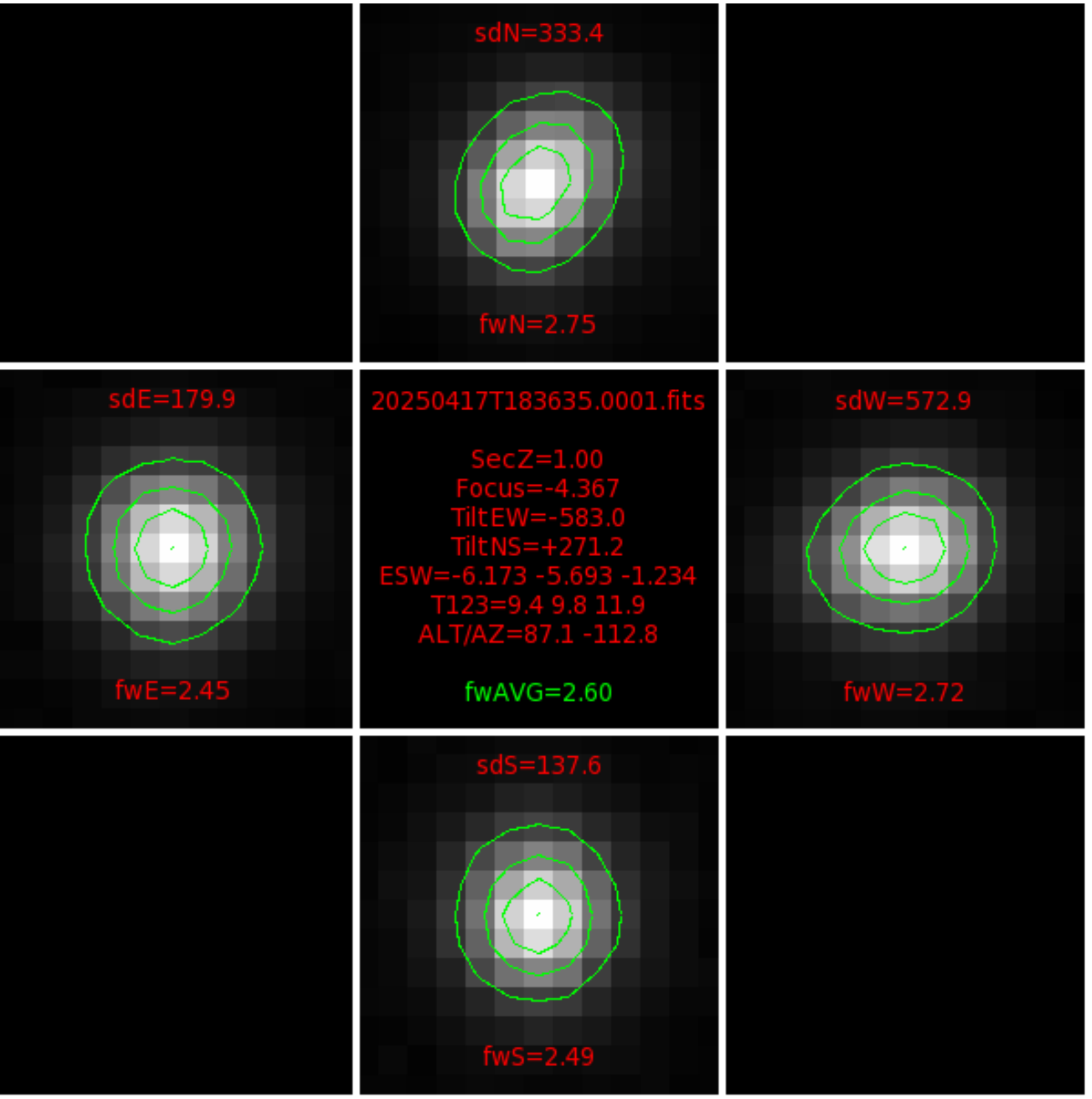
sdN=333.4
fwN=2.75
sdE=179.9
fwE=2.45
20250417T183635.0001.fits
SecZ=1.00
Focus=-4.367
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.173 -5.693 -1.234
T123=9.4 9.8 11.9
ALT/AZ=87.1 -112.8
fwAVG=2.60
sdW=572.9
fwW=2.72
sdS=137.6
fwS=2.49
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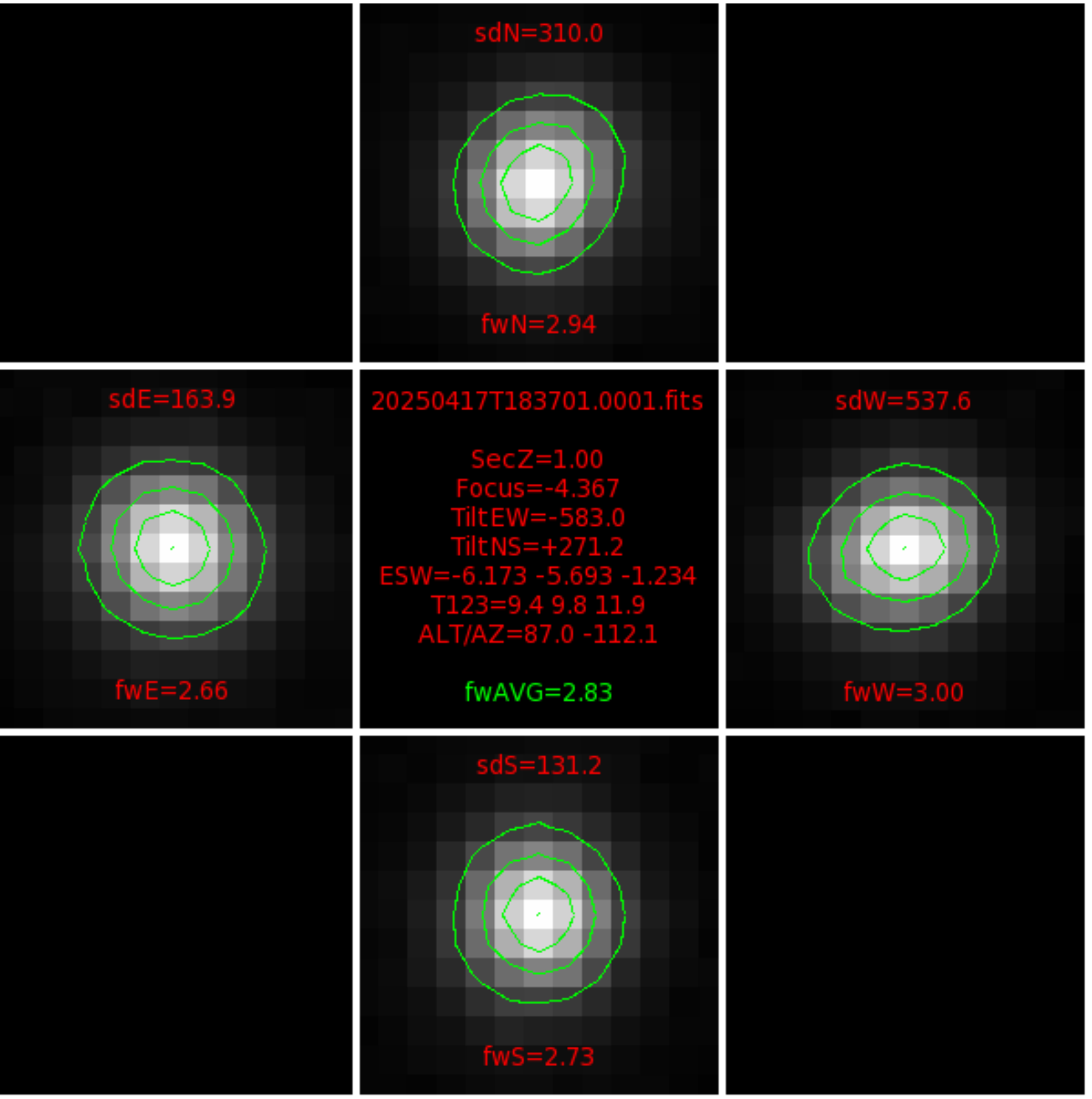
sdN=310.0
fwN=2.94
sdE=163.9
fwE=2.66
20250417T183701.0001.fits
SecZ=1.00
Focus=-4.367
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.173 -5.693 -1.234
T123=9.4 9.8 11.9
ALT/AZ=87.0 -112.1
fwAVG=2.83
sdW=537.6
fwW=3.00
sdS=131.2
fwS=2.73
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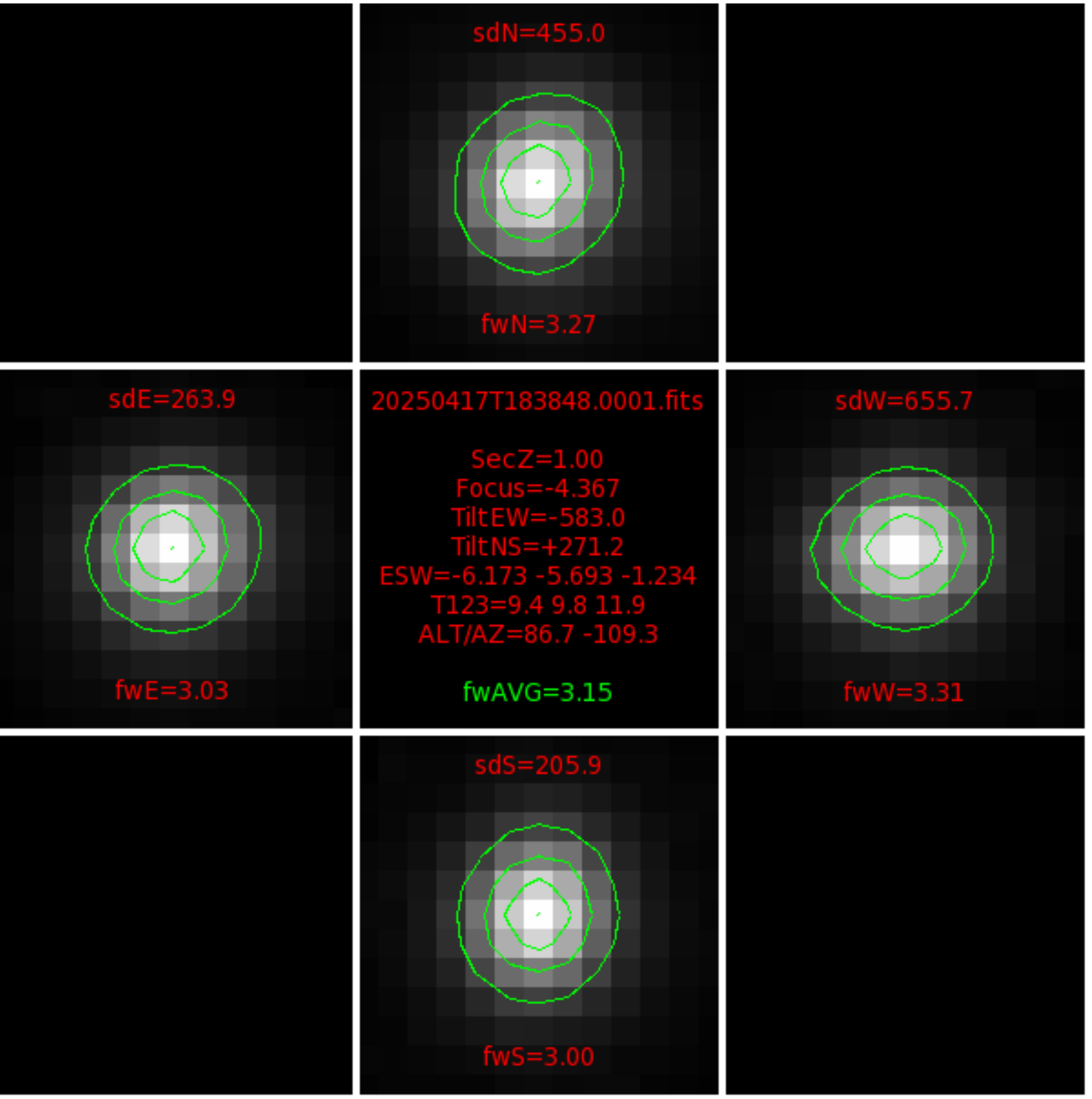
sdN=455.0
fwN=3.27
sdE=263.9
fwE=3.03
20250417T183848.0001.fits
SecZ=1.00
Focus=-4.367
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.173 -5.693 -1.234
T123=9.4 9.8 11.9
ALT/AZ=86.7 -109.3
fwAVG=3.15
sdW=655.7
fwW=3.31
sdS=205.9
fwS=3.00
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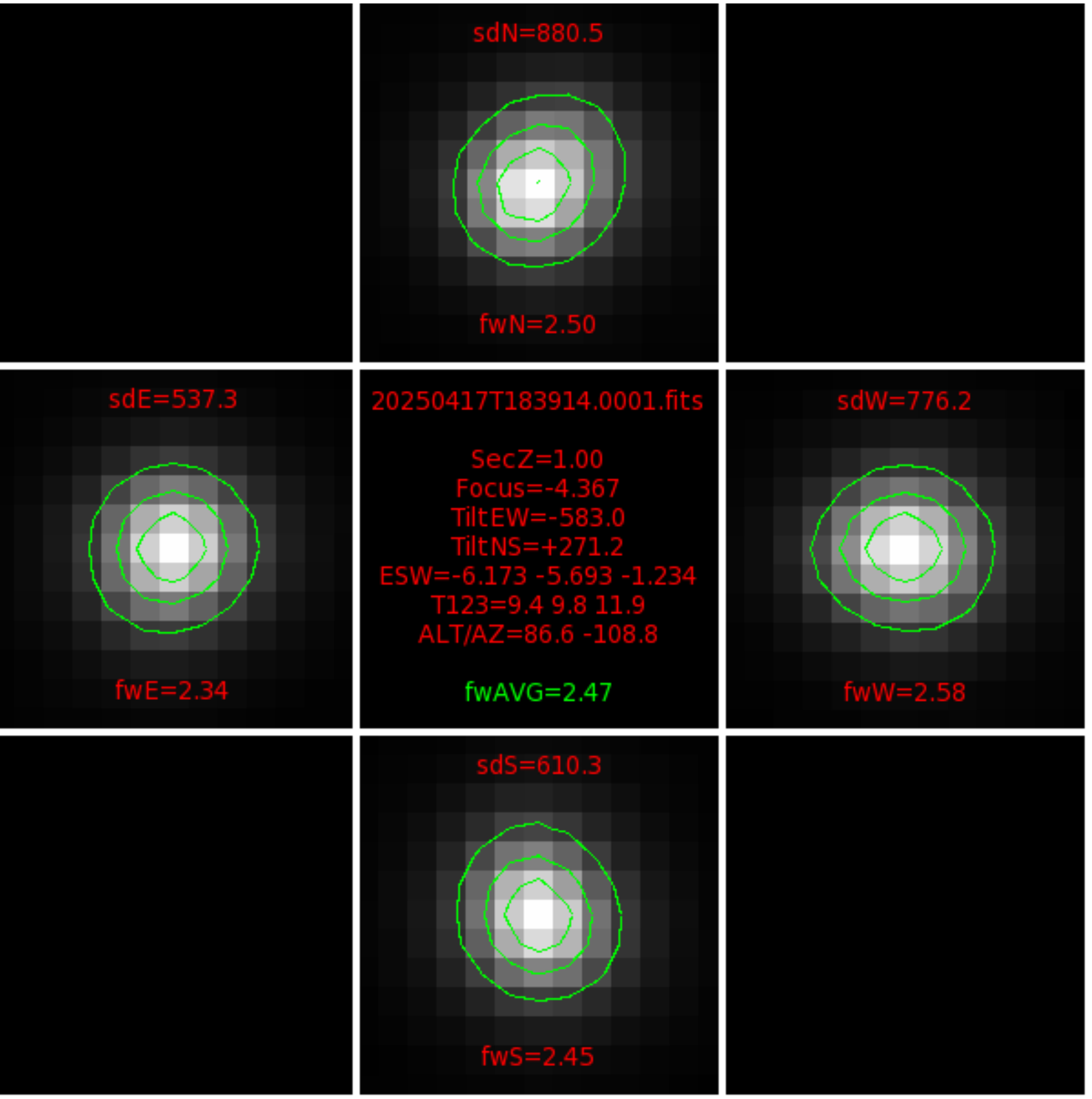
sdN=880.5
fwN=2.50
sdE=537.3
fwE=2.34
20250417T183914.0001.fits
SecZ=1.00
Focus=-4.367
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.173 -5.693 -1.234
T123=9.4 9.8 11.9
ALT/AZ=86.6 -108.8
fwAVG=2.47
sdW=776.2
fwW=2.58
sdS=610.3
fwS=2.45
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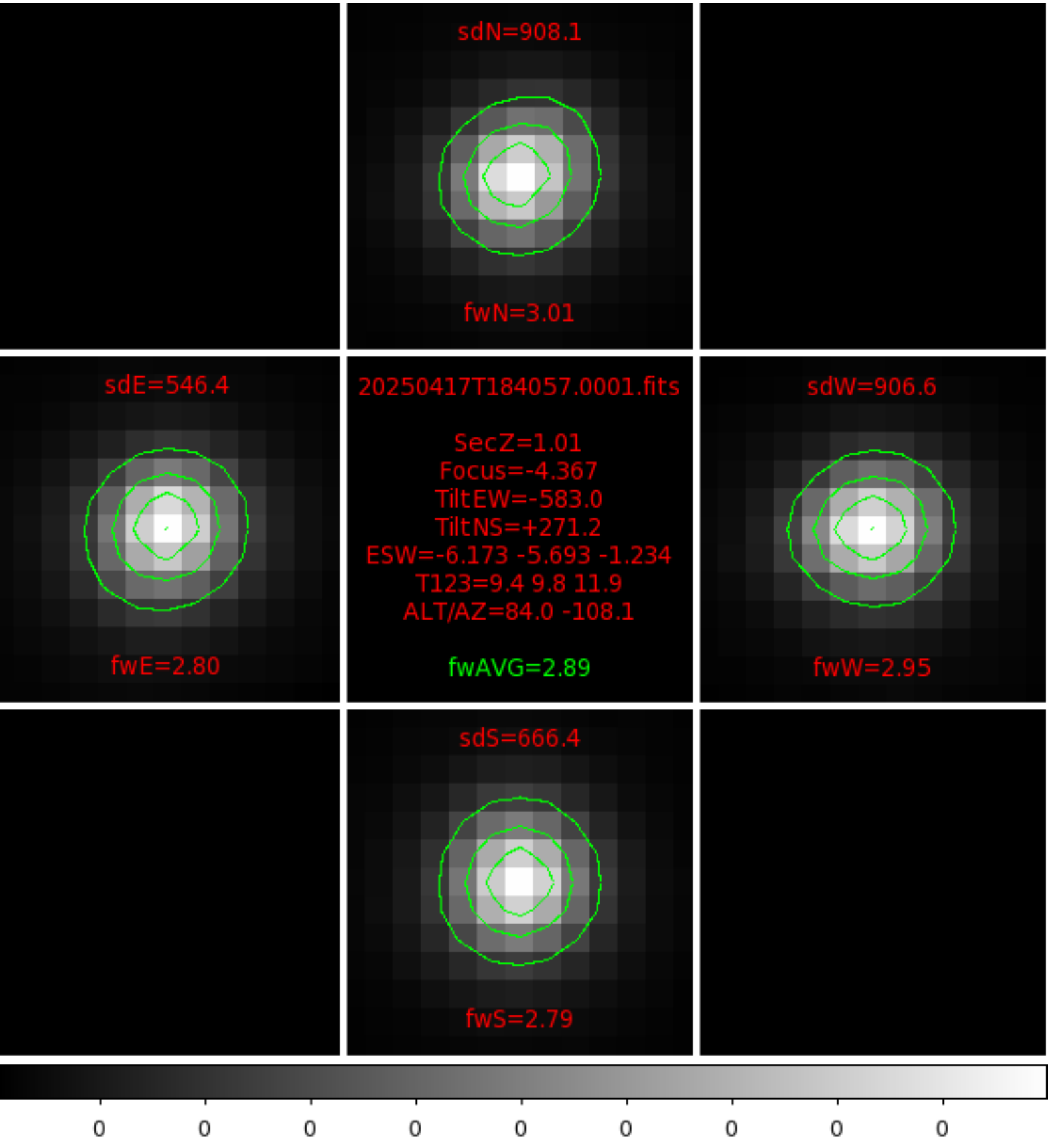
sdN=908.1
fwN=3.01
sdE=546.4
fwE=2.80
20250417T184057.0001.fits
SecZ=1.01
Focus=-4.367
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.173 -5.693 -1.234
T123=9.4 9.8 11.9
ALT/AZ=84.0 -108.1
fwAVG=2.89
sdW=906.6
fwW=2.95
sdS=666.4
fwS=2.79
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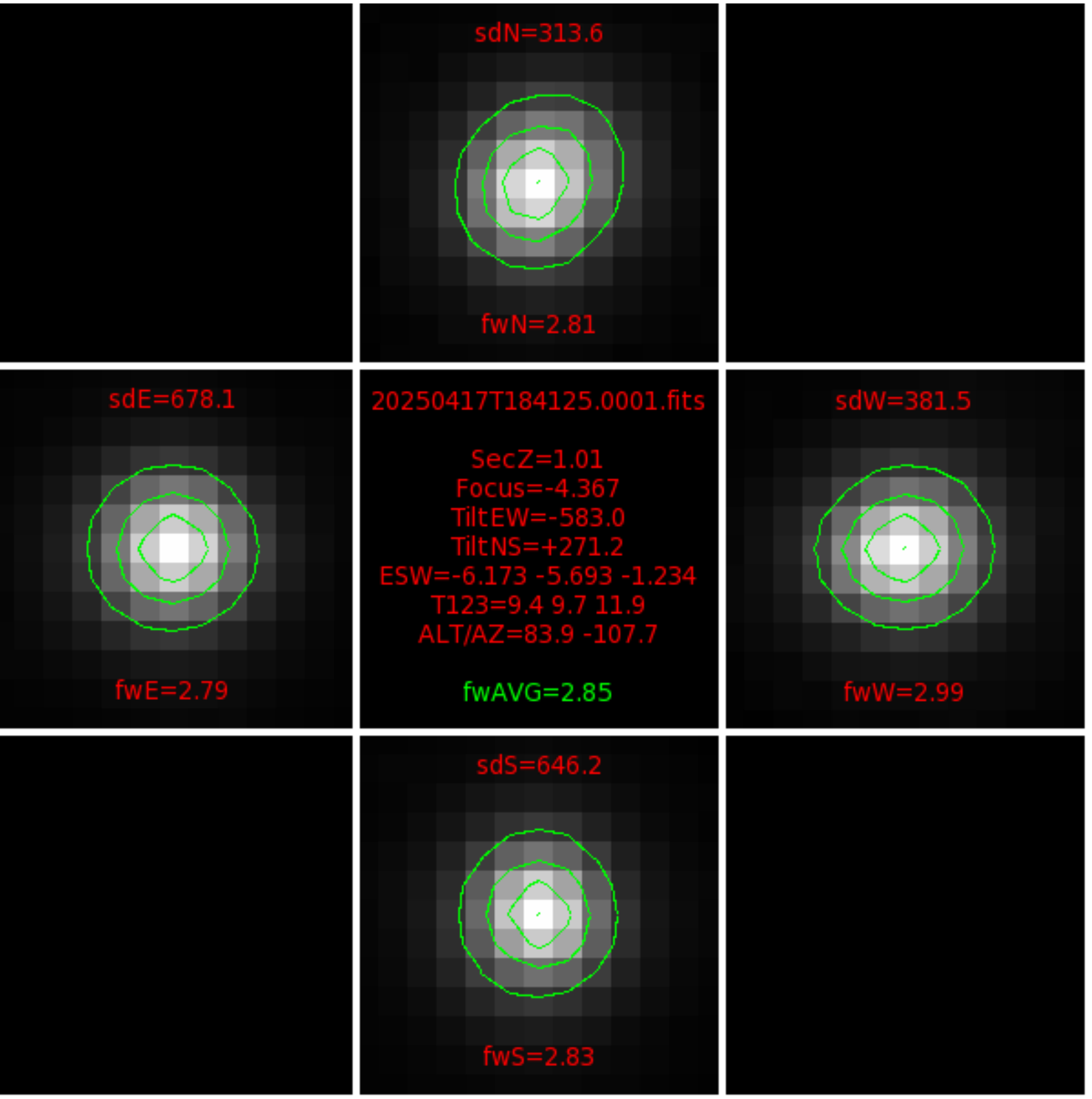
sdN=313.6
fwN=2.81
sdE=678.1
fwE=2.79
20250417T184125.0001.fits
SecZ=1.01
Focus=-4.367
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.173 -5.693 -1.234
T123=9.4 9.7 11.9
ALT/AZ=83.9 -107.7
fwAVG=2.85
sdW=381.5
fwW=2.99
sdS=646.2
fwS=2.83
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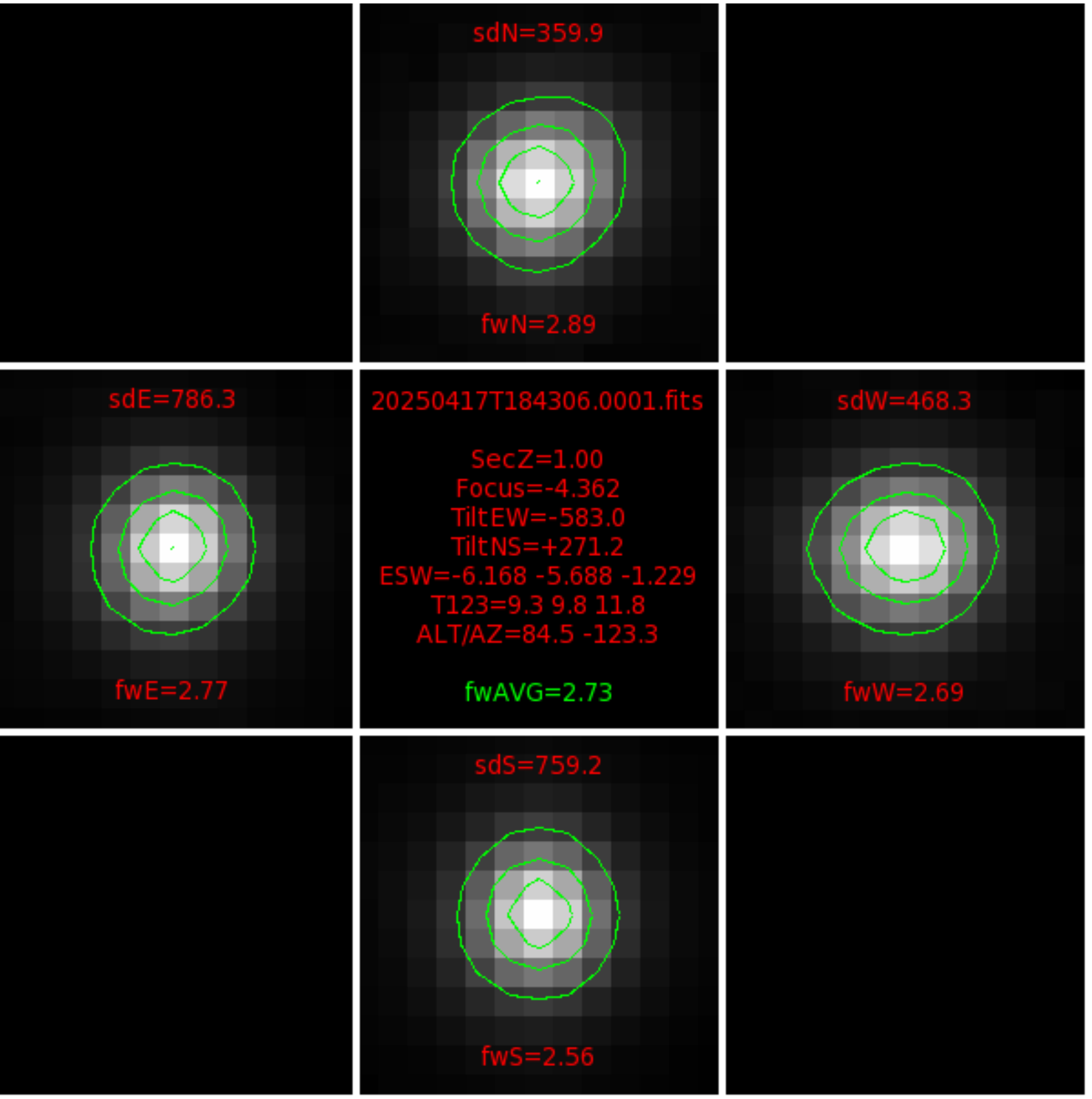
sdN=359.9
fwN=2.89
sdE=786.3
fwE=2.77
20250417T184306.0001.fits
SecZ=1.00
Focus=-4.362
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.168 -5.688 -1.229
T123=9.3 9.8 11.8
ALT/AZ=84.5 -123.3
fwAVG=2.73
sdW=468.3
fwW=2.69
sdS=759.2
fwS=2.56
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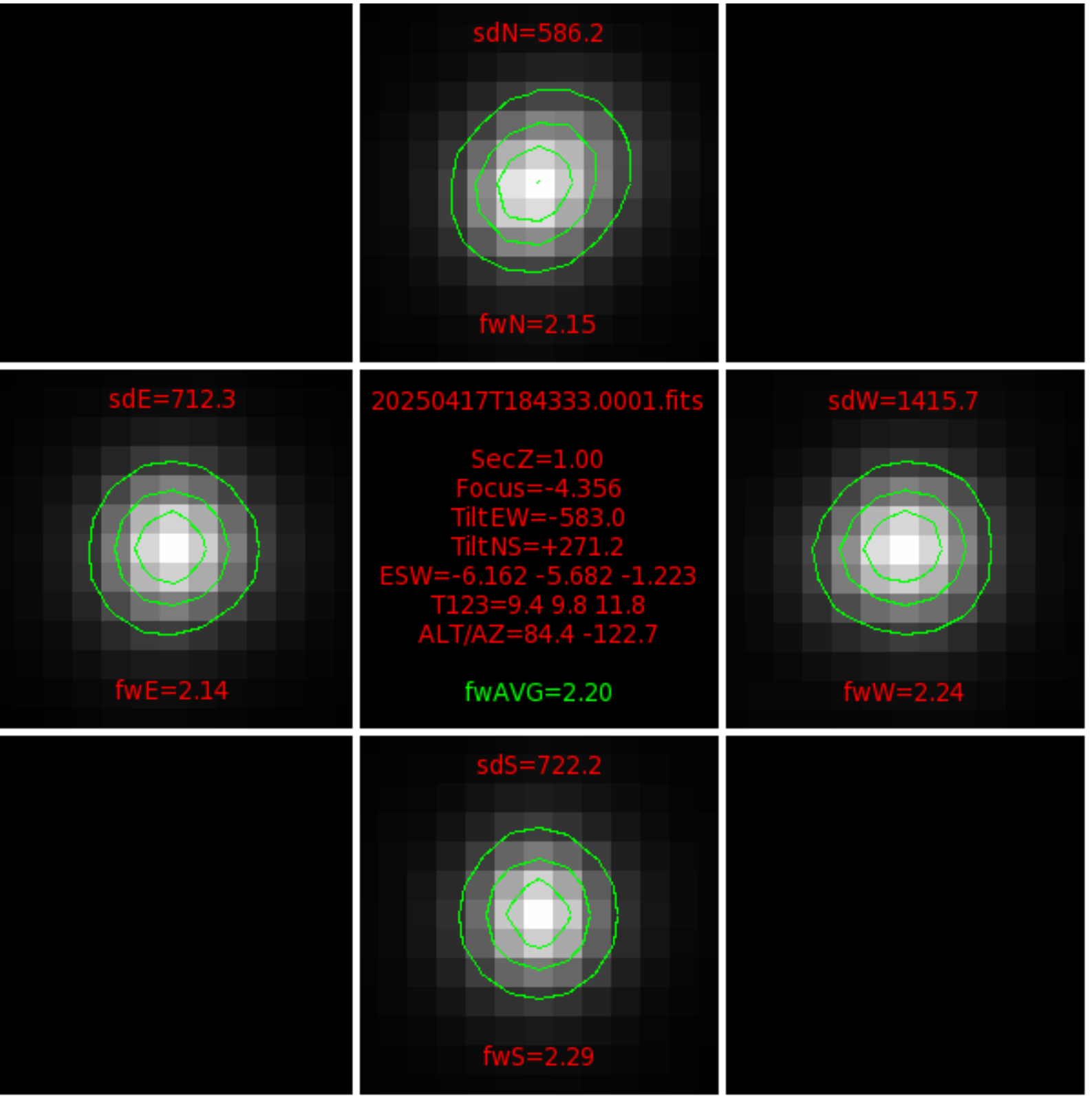
sdN=586.2
fwN=2.15
sdE=712.3
fwE=2.14
20250417T184333.0001.fits
SecZ=1.00
Focus=-4.356
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.162 -5.682 -1.223
T123=9.4 9.8 11.8
ALT/AZ=84.4 -122.7
fwAVG=2.20
sdW=1415.7
fwW=2.24
sdS=722.2
fwS=2.29
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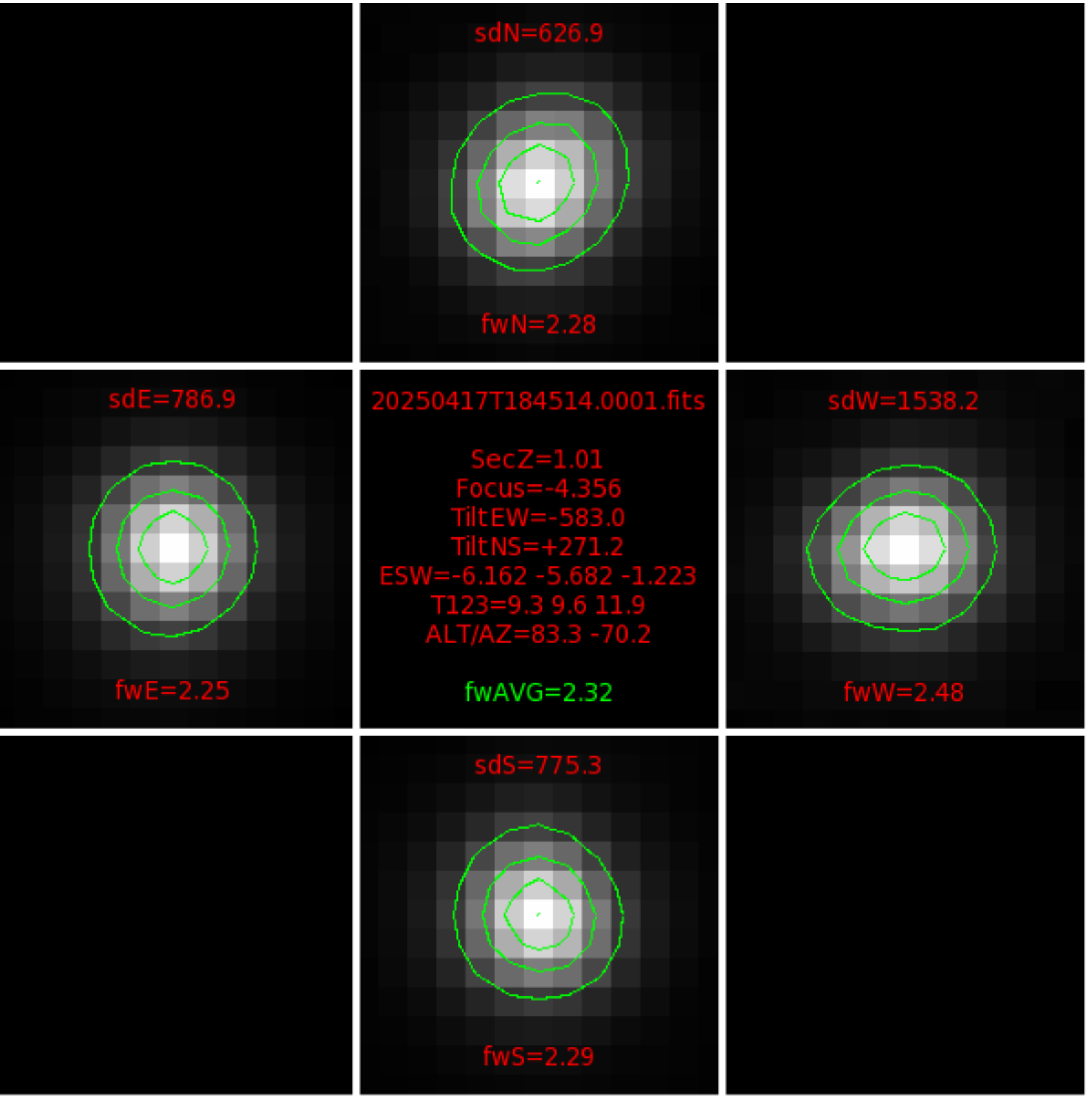
sdN=626.9
fwN=2.28
sdE=786.9
fwE=2.25
20250417T184514.0001.fits
SecZ=1.01
Focus=-4.356
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.162 -5.682 -1.223
T123=9.3 9.6 11.9
ALT/AZ=83.3 -70.2
fwAVG=2.32
sdW=1538.2
fwW=2.48
sdS=775.3
fwS=2.29
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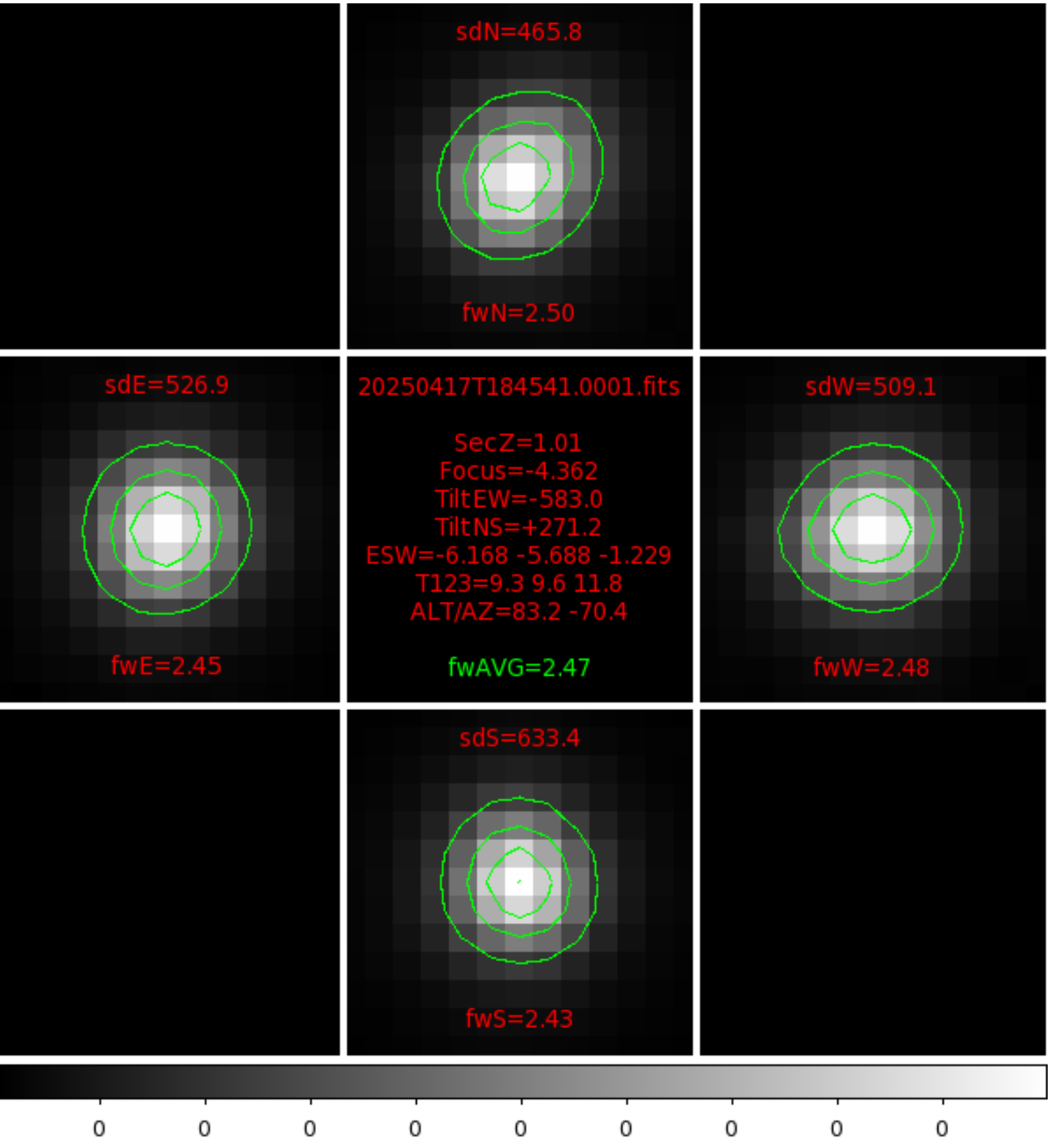
sdN=465.8
fwN=2.50
sdE=526.9
fwE=2.45
20250417T184541.0001.fits
SecZ=1.01
Focus=-4.362
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.168 -5.688 -1.229
T123=9.3 9.6 11.8
ALT/AZ=83.2 -70.4
fwAVG=2.47
sdW=509.1
fwW=2.48
sdS=633.4
fwS=2.43
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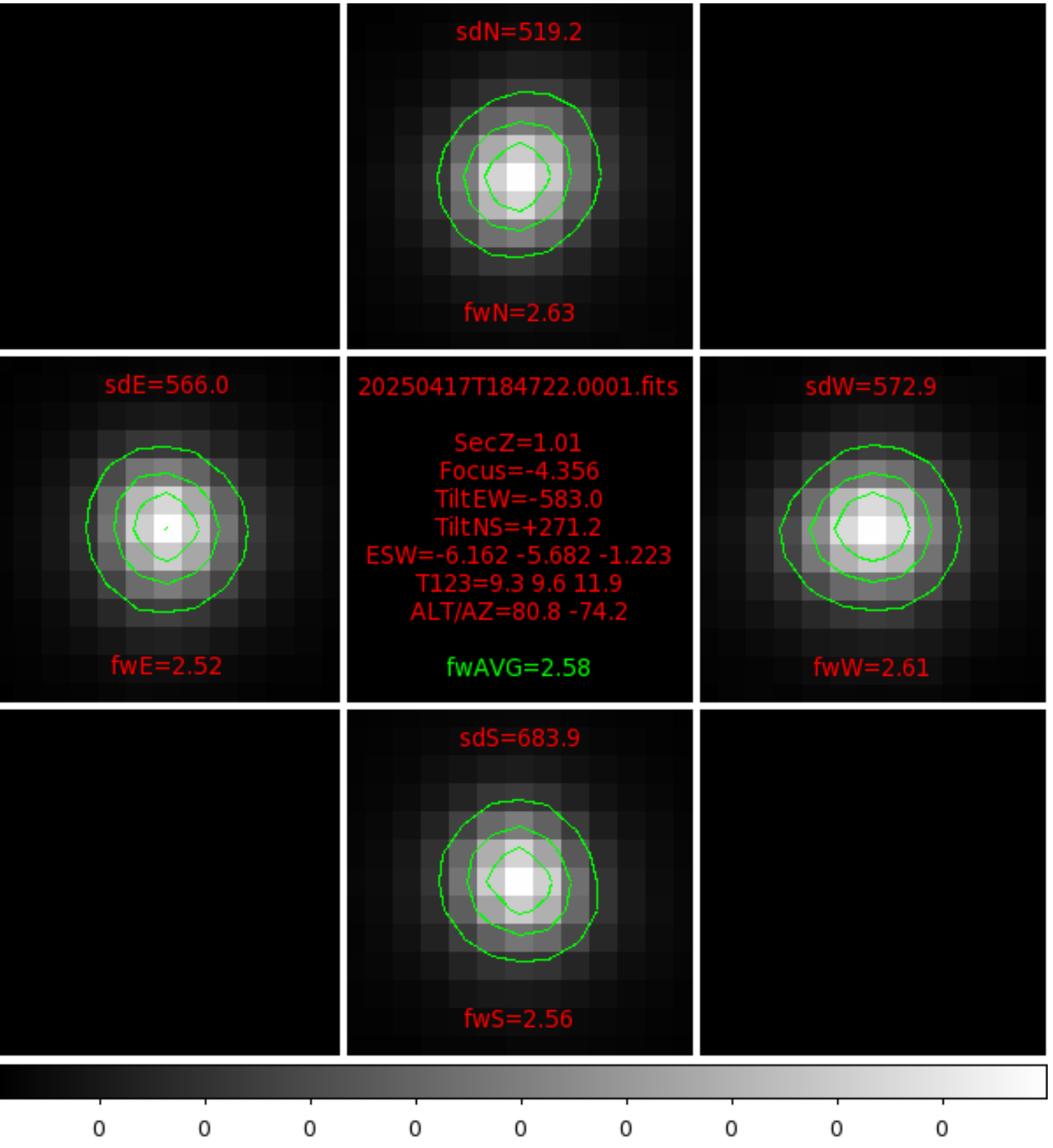
sdN=519.2
fwN=2.63
sdE=566.0
fwE=2.52
20250417T184722.0001.fits
SecZ=1.01
Focus=-4.356
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.162 -5.682 -1.223
T123=9.3 9.6 11.9
ALT/AZ=80.8 -74.2
fwAVG=2.58
sdW=572.9
fwW=2.61
sdS=683.9
fwS=2.56
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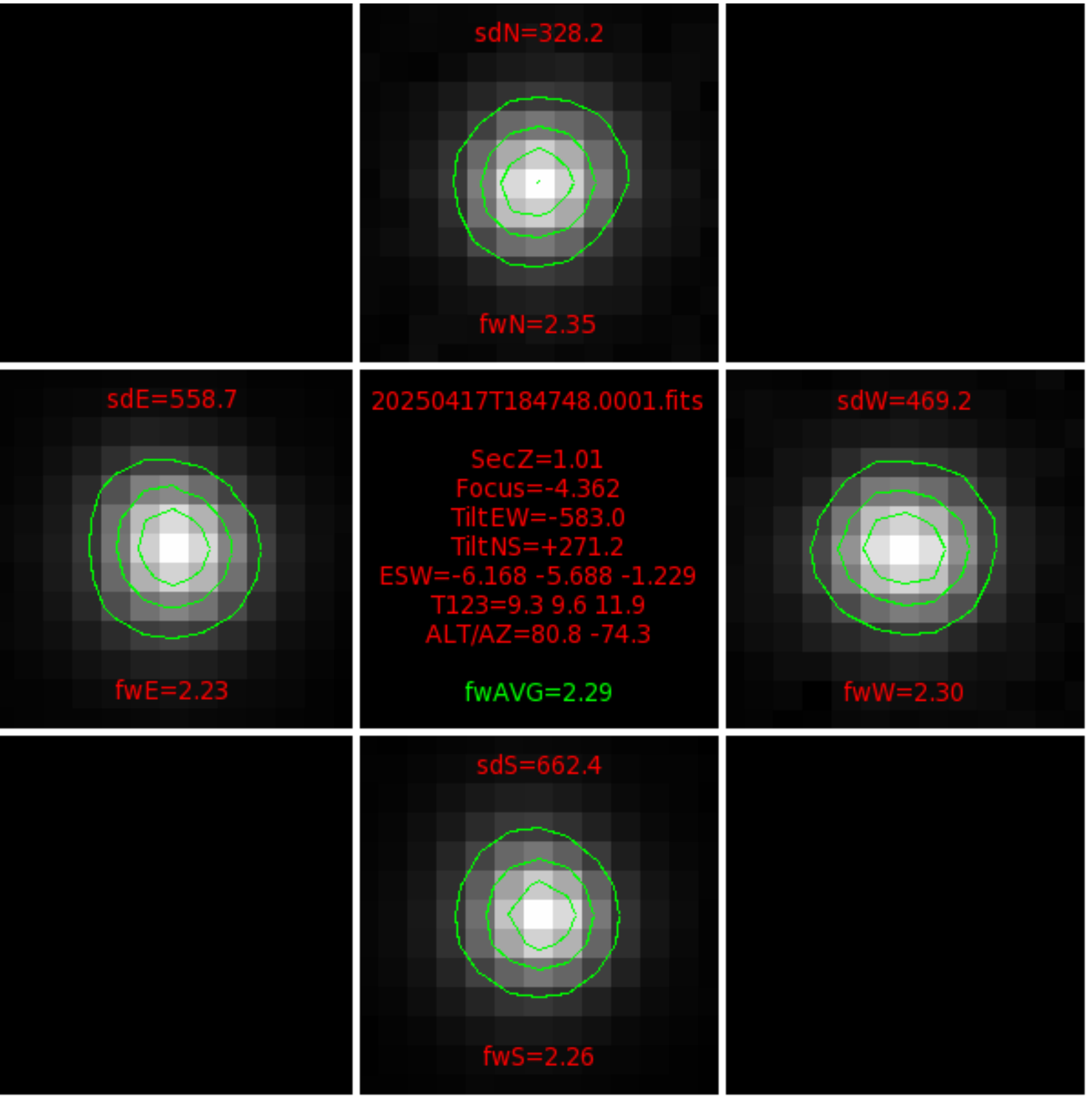
sdN=328.2
fwN=2.35
sdE=558.7
fwE=2.23
20250417T184748.0001.fits
SecZ=1.01
Focus=-4.362
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.168 -5.688 -1.229
T123=9.3 9.6 11.9
ALT/AZ=80.8 -74.3
fwAVG=2.29
sdW=469.2
fwW=2.30
sdS=662.4
fwS=2.26
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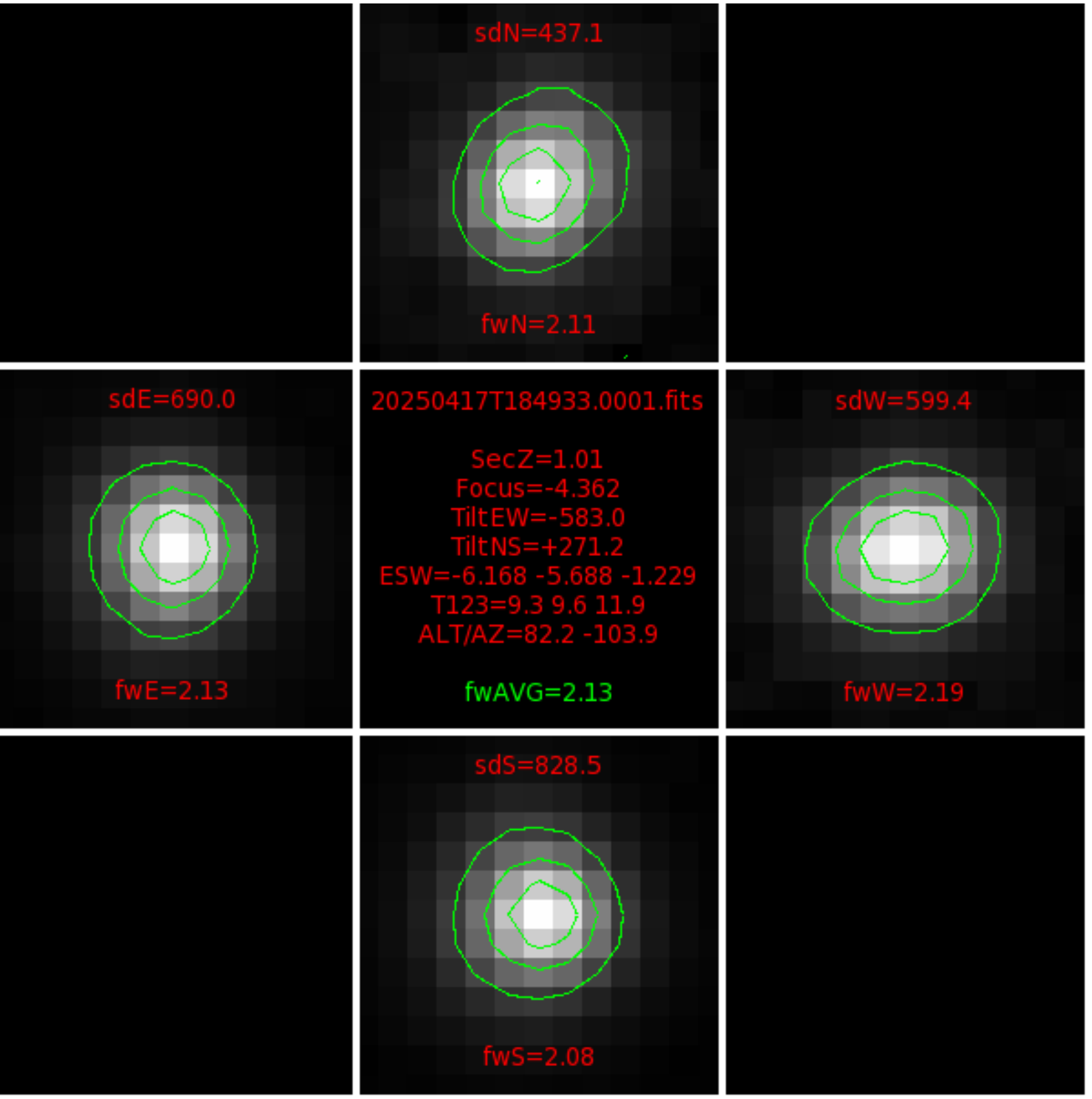
sdN=437.1
fwN=2.11
sdE=690.0
fwE=2.13
20250417T184933.0001.fits
SecZ=1.01
Focus=-4.362
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.168 -5.688 -1.229
T123=9.3 9.6 11.9
ALT/AZ=82.2 -103.9
fwAVG=2.13
sdW=599.4
fwW=2.19
sdS=828.5
fwS=2.08
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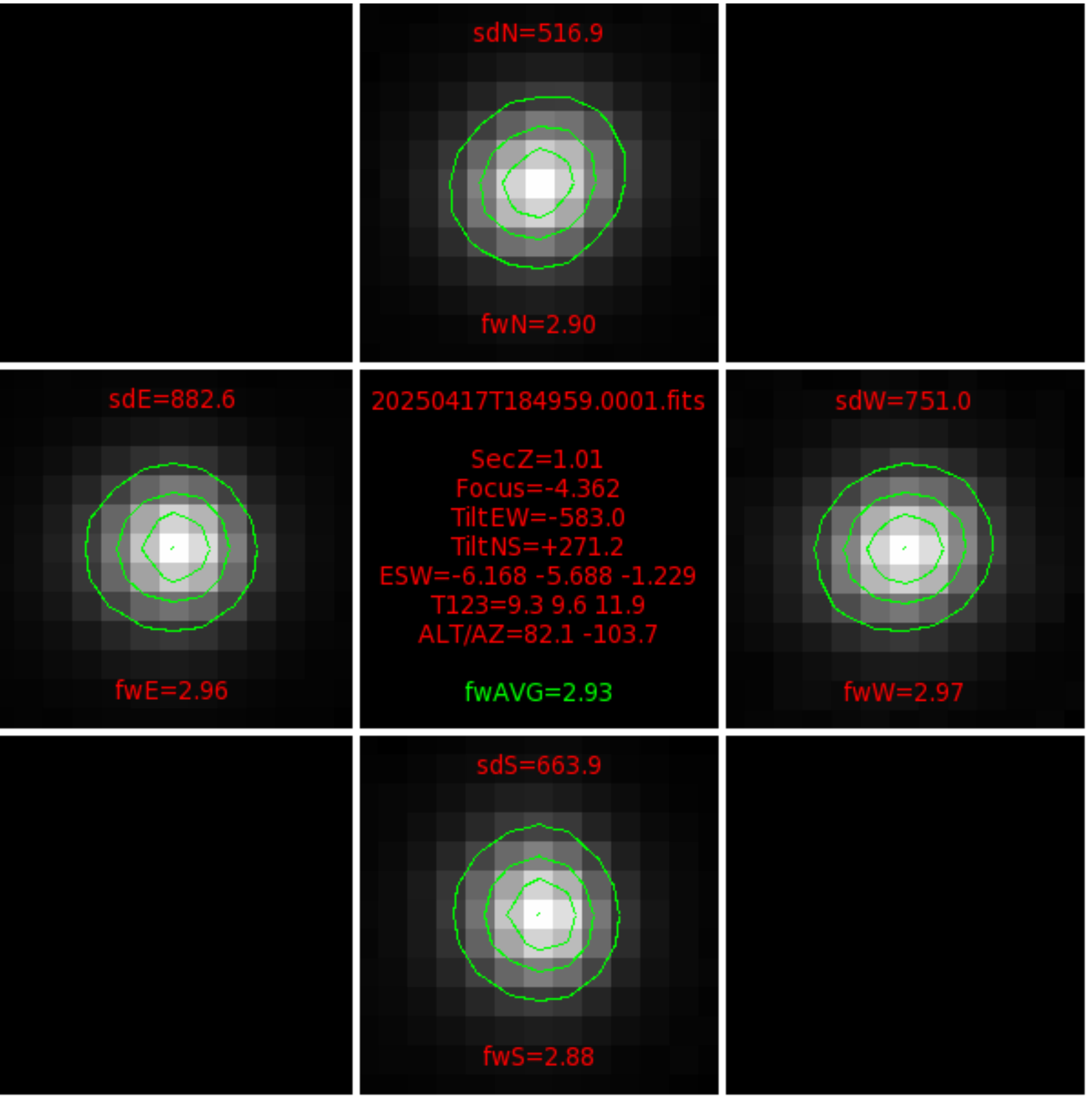
sdN=516.9
fwN=2.90
sdE=882.6
fwE=2.96
20250417T184959.0001.fits
SecZ=1.01
Focus=-4.362
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.168 -5.688 -1.229
T123=9.3 9.6 11.9
ALT/AZ=82.1 -103.7
fwAVG=2.93
sdW=751.0
fwW=2.97
sdS=663.9
fwS=2.88
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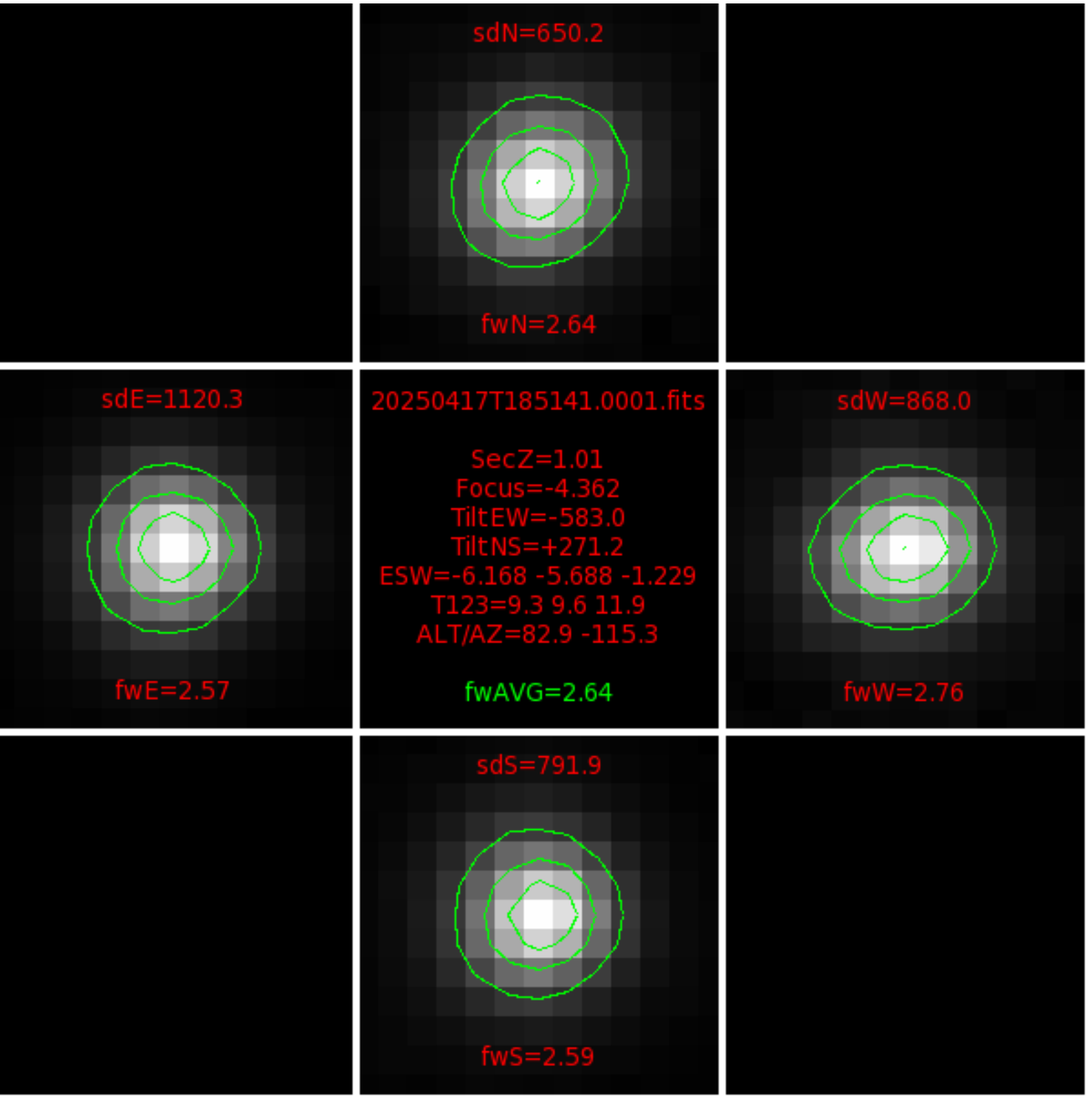
sdN=650.2
fwN=2.64
sdE=1120.3
fwE=2.57
20250417T185141.0001.fits
SecZ=1.01
Focus=-4.362
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.168 -5.688 -1.229
T123=9.3 9.6 11.9
ALT/AZ=82.9 -115.3
fwAVG=2.64
sdW=868.0
fwW=2.76
sdS=791.9
fwS=2.59
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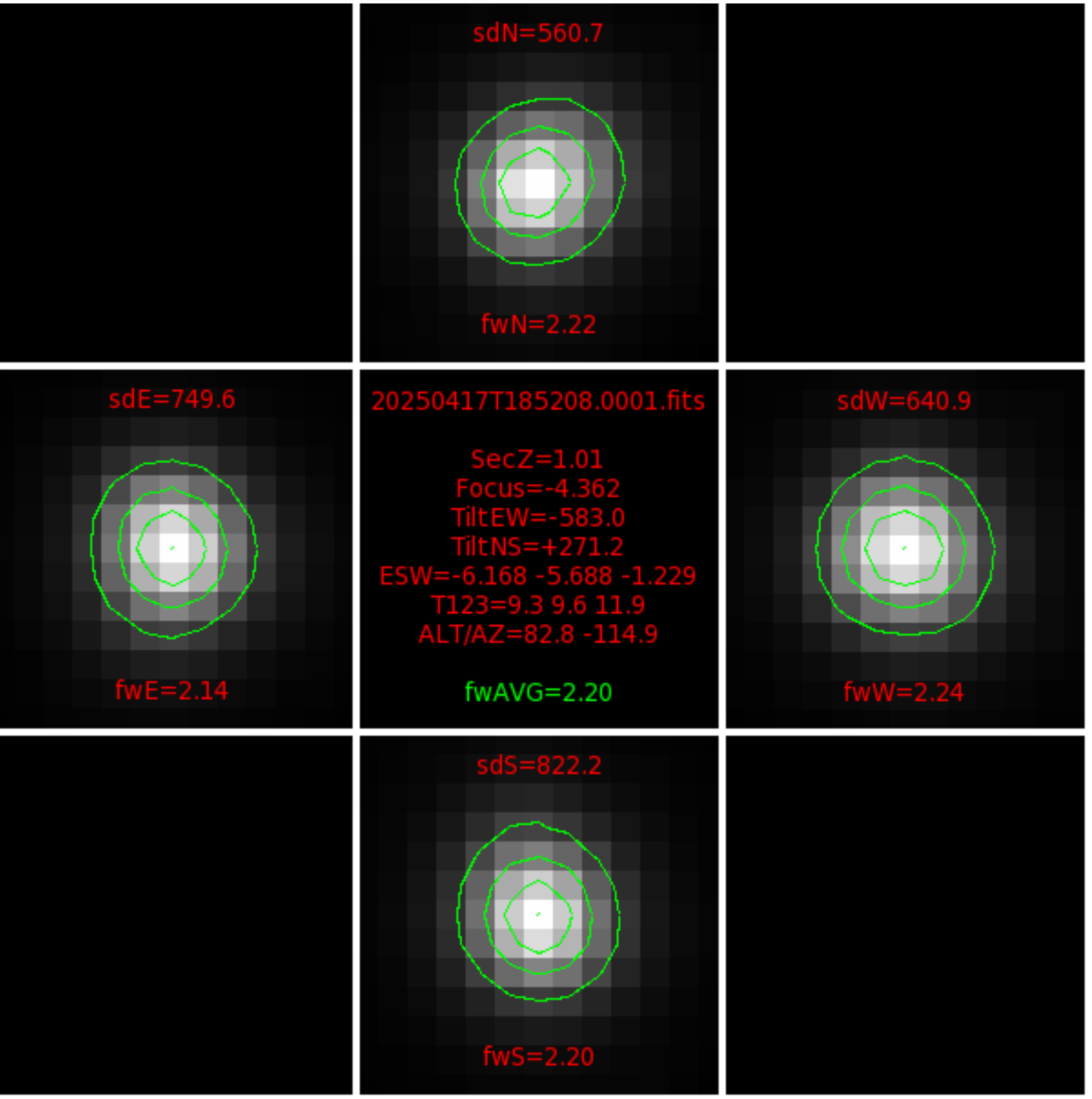
sdN=560.7
fwN=2.22
sdE=749.6
fwE=2.14
20250417T185208.0001.fits
SecZ=1.01
Focus=-4.362
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.168 -5.688 -1.229
T123=9.3 9.6 11.9
ALT/AZ=82.8 -114.9
fwAVG=2.20
sdW=640.9
fwW=2.24
sdS=822.2
fwS=2.20
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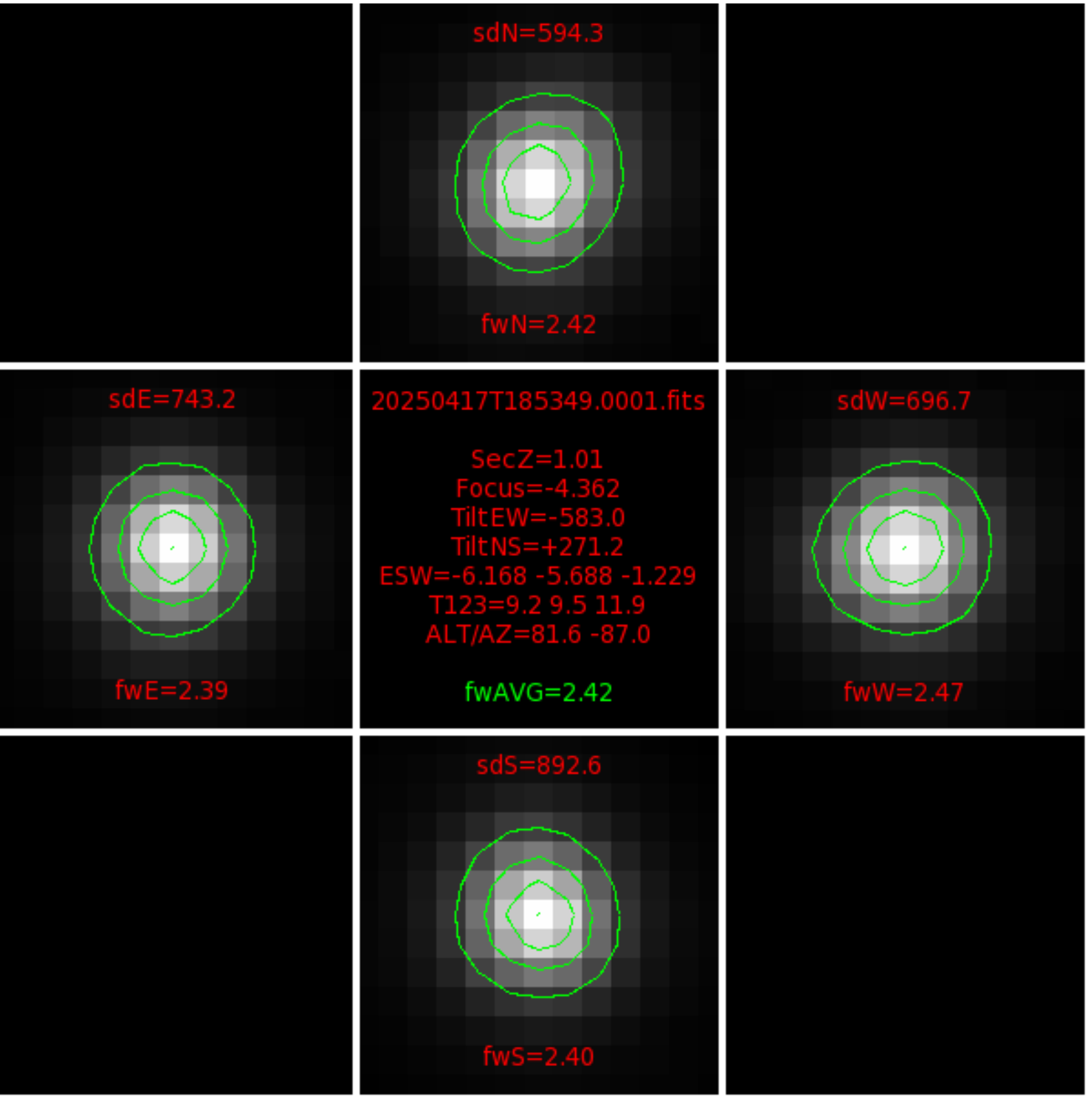
sdN=594.3
fwN=2.42
sdE=743.2
fwE=2.39
20250417T185349.0001.fits
SecZ=1.01
Focus=-4.362
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.168 -5.688 -1.229
T123=9.2 9.5 11.9
ALT/AZ=81.6 -87.0
fwAVG=2.42
sdW=696.7
fwW=2.47
sdS=892.6
fwS=2.40
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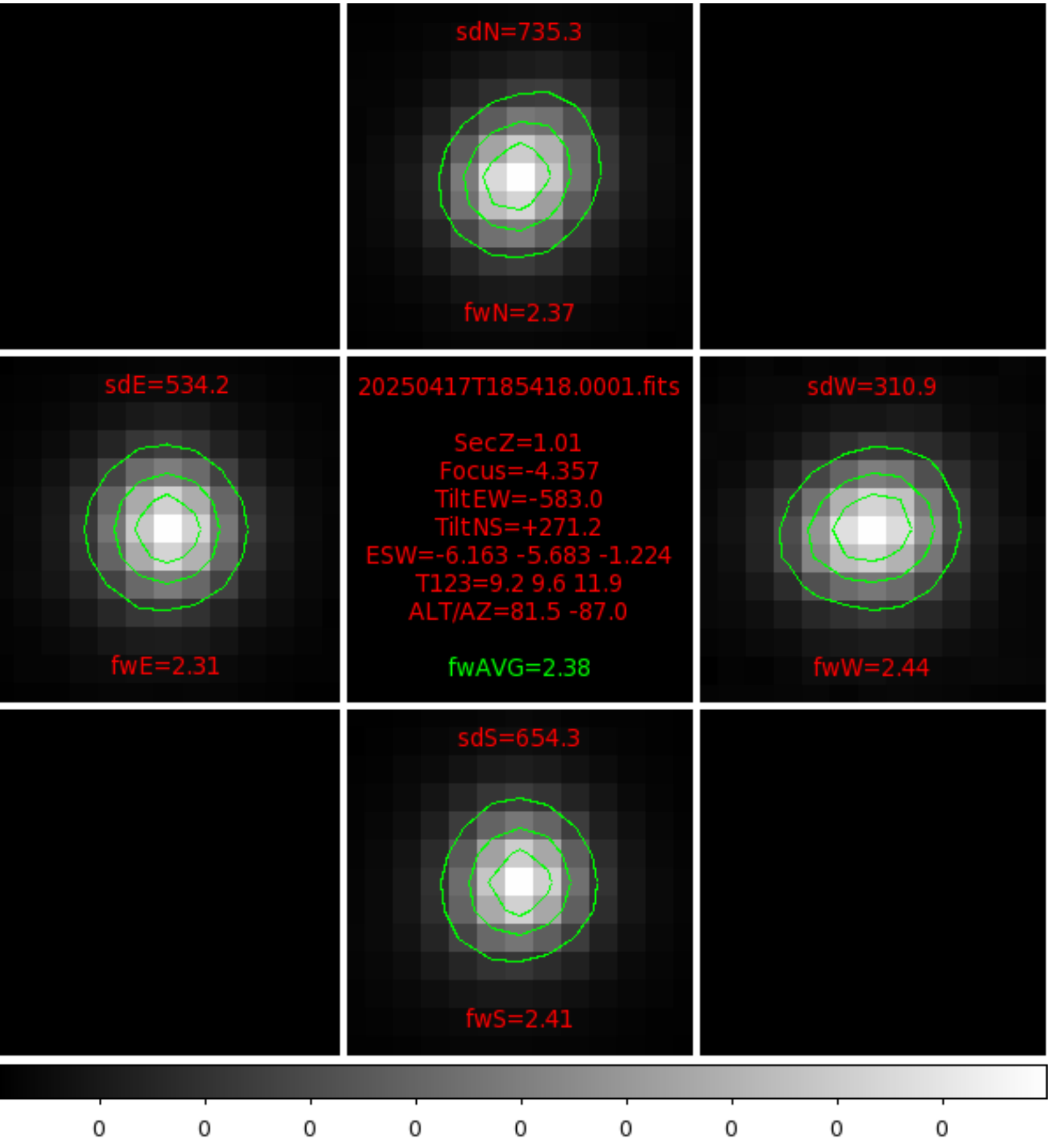
sdN=735.3
fwN=2.37
sdE=534.2
fwE=2.31
20250417T185418.0001.fits
SecZ=1.01
Focus=-4.357
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.163 -5.683 -1.224
T123=9.2 9.6 11.9
ALT/AZ=81.5 -87.0
fwAVG=2.38
sdW=310.9
fwW=2.44
sdS=654.3
fwS=2.41
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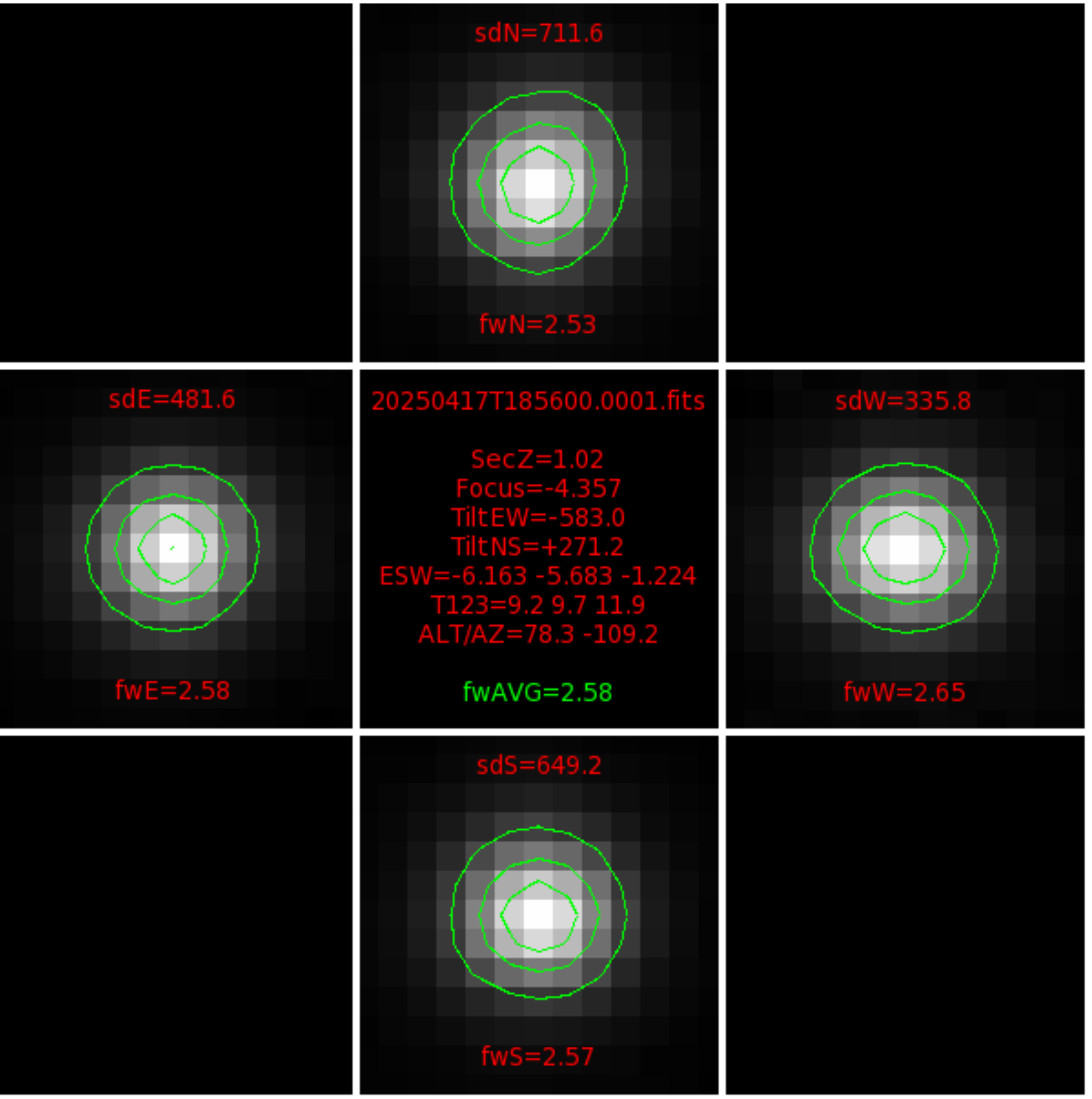
sdN=711.6
fwN=2.53
sdE=481.6
fwE=2.58
20250417T185600.0001.fits
SecZ=1.02
Focus=-4.357
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.163 -5.683 -1.224
T123=9.2 9.7 11.9
ALT/AZ=78.3 -109.2
fwAVG=2.58
sdW=335.8
fwW=2.65
sdS=649.2
fwS=2.57
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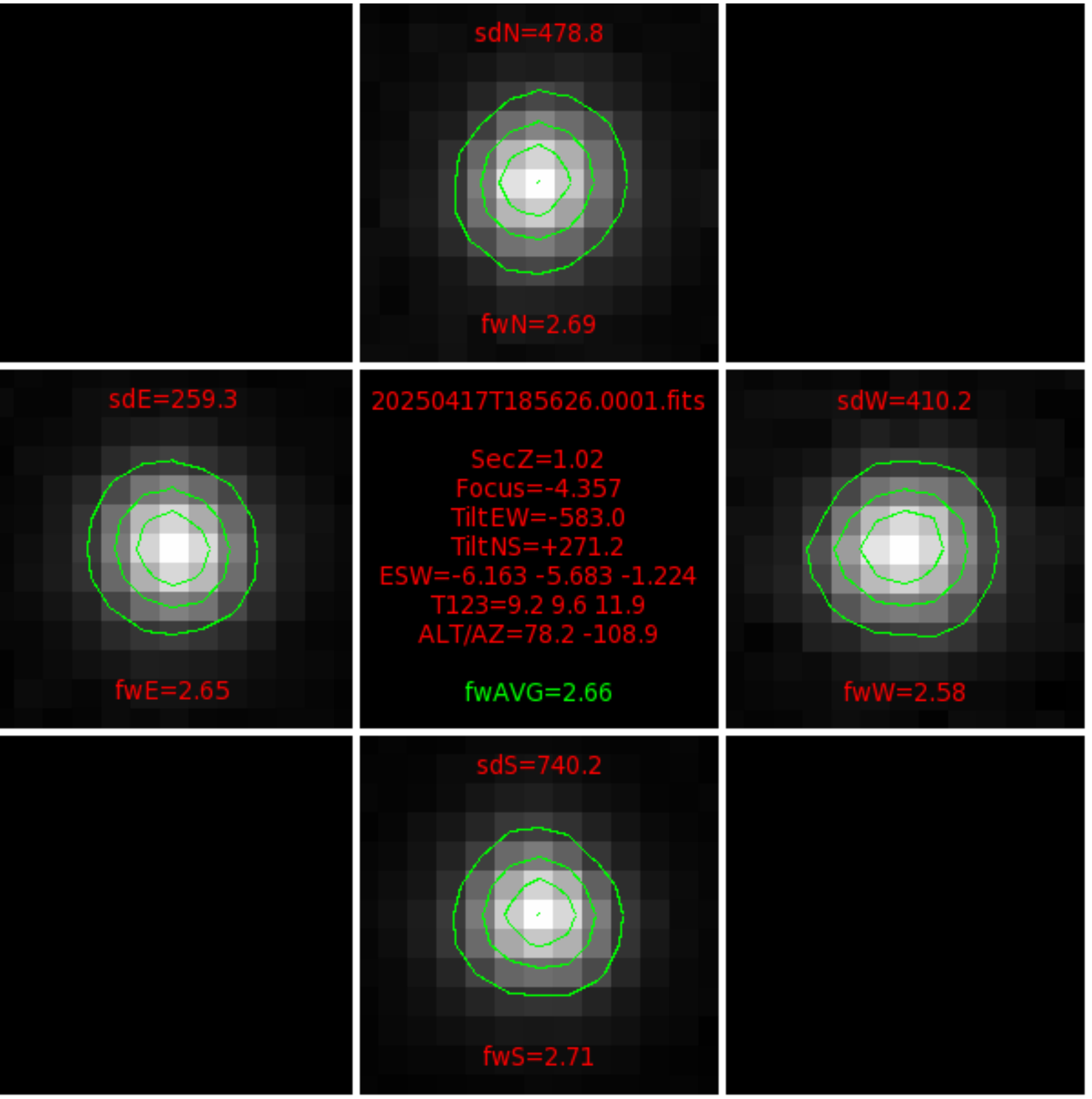
sdN=478.8
fwN=2.69
sdE=259.3
fwE=2.65
20250417T185626.0001.fits
SecZ=1.02
Focus=-4.357
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.163 -5.683 -1.224
T123=9.2 9.6 11.9
ALT/AZ=78.2 -108.9
fwAVG=2.66
sdW=410.2
fwW=2.58
sdS=740.2
fwS=2.71
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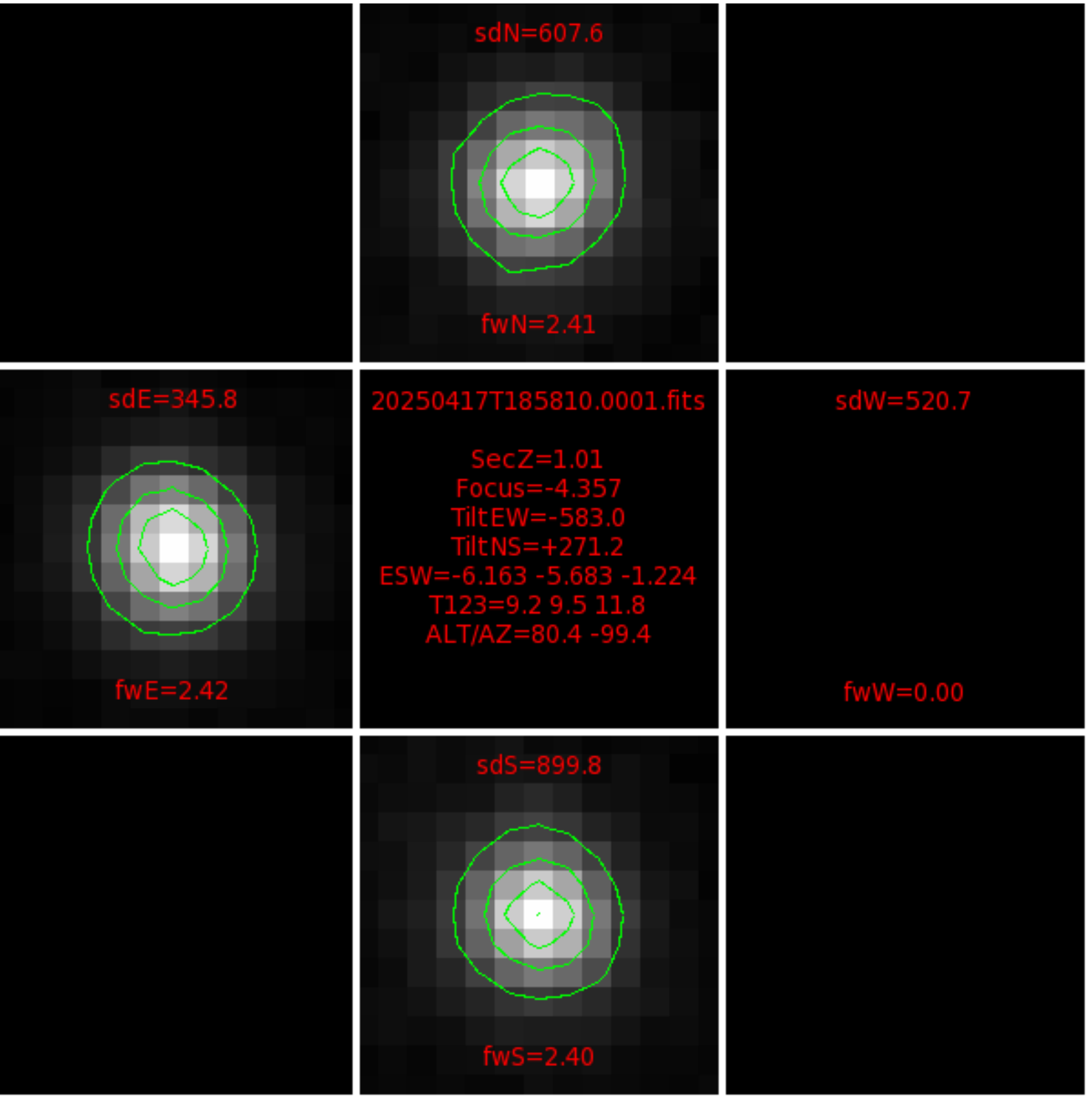
sdN=607.6
fwN=2.41
sdE=345.8
fwE=2.42
20250417T185810.0001.fits
SecZ=1.01
Focus=-4.357
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.163 -5.683 -1.224
T123=9.2 9.5 11.8
ALT/AZ=80.4 -99.4
sdW=520.7
fwW=0.00
sdS=899.8
fwS=2.40
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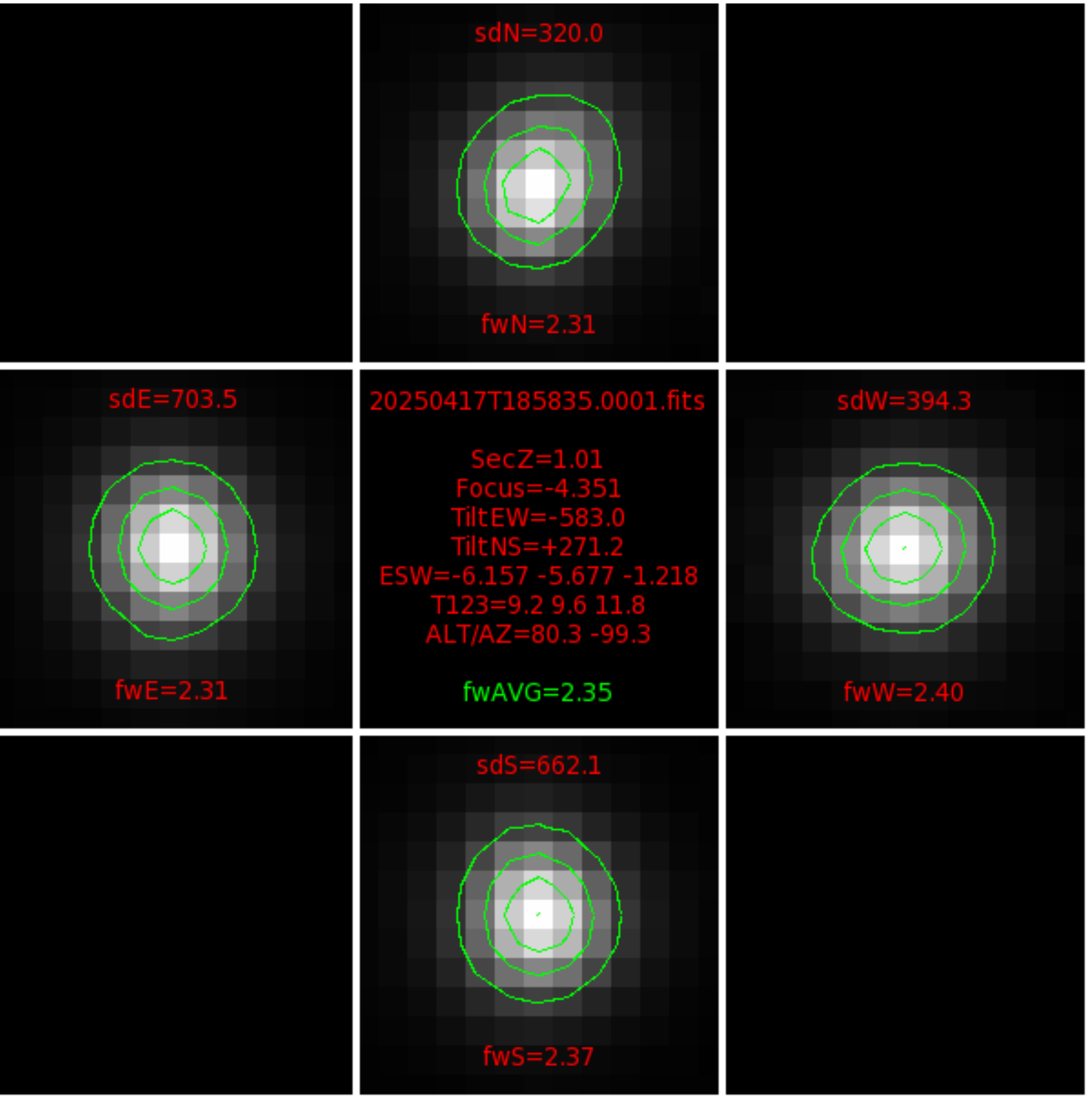
sdN=320.0
fwN=2.31
sdE=703.5
fwE=2.31
20250417T185835.0001.fits
SecZ=1.01
Focus=-4.351
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.157 -5.677 -1.218
T123=9.2 9.6 11.8
ALT/AZ=80.3 -99.3
fwAVG=2.35
sdW=394.3
fwW=2.40
sdS=662.1
fwS=2.37
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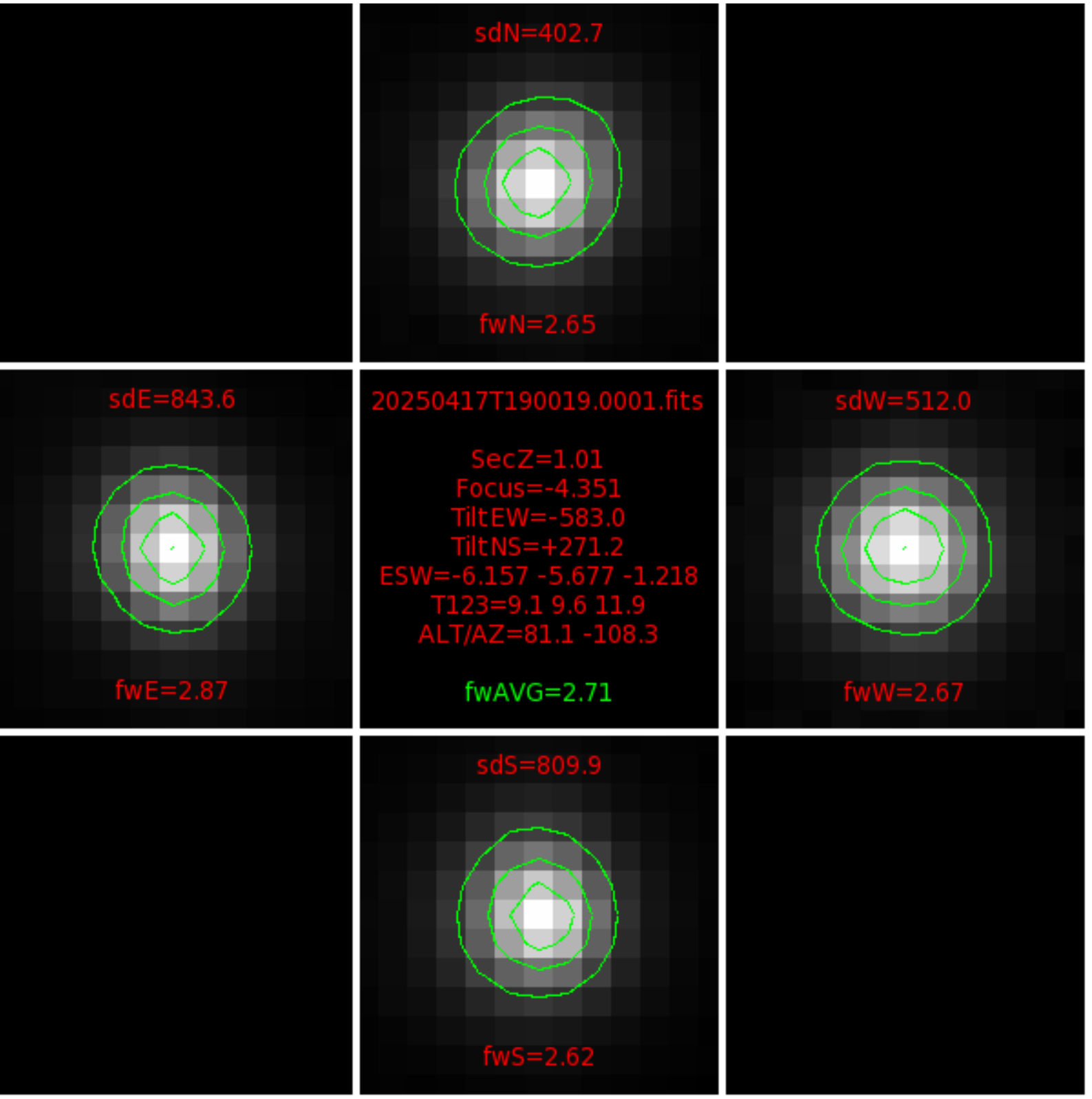
sdN=402.7
fwN=2.65
sdE=843.6
fwE=2.87
20250417T190019.0001.fits
SecZ=1.01
Focus=-4.351
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.157 -5.677 -1.218
T123=9.1 9.6 11.9
ALT/AZ=81.1 -108.3
fwAVG=2.71
sdW=512.0
fwW=2.67
sdS=809.9
fwS=2.62
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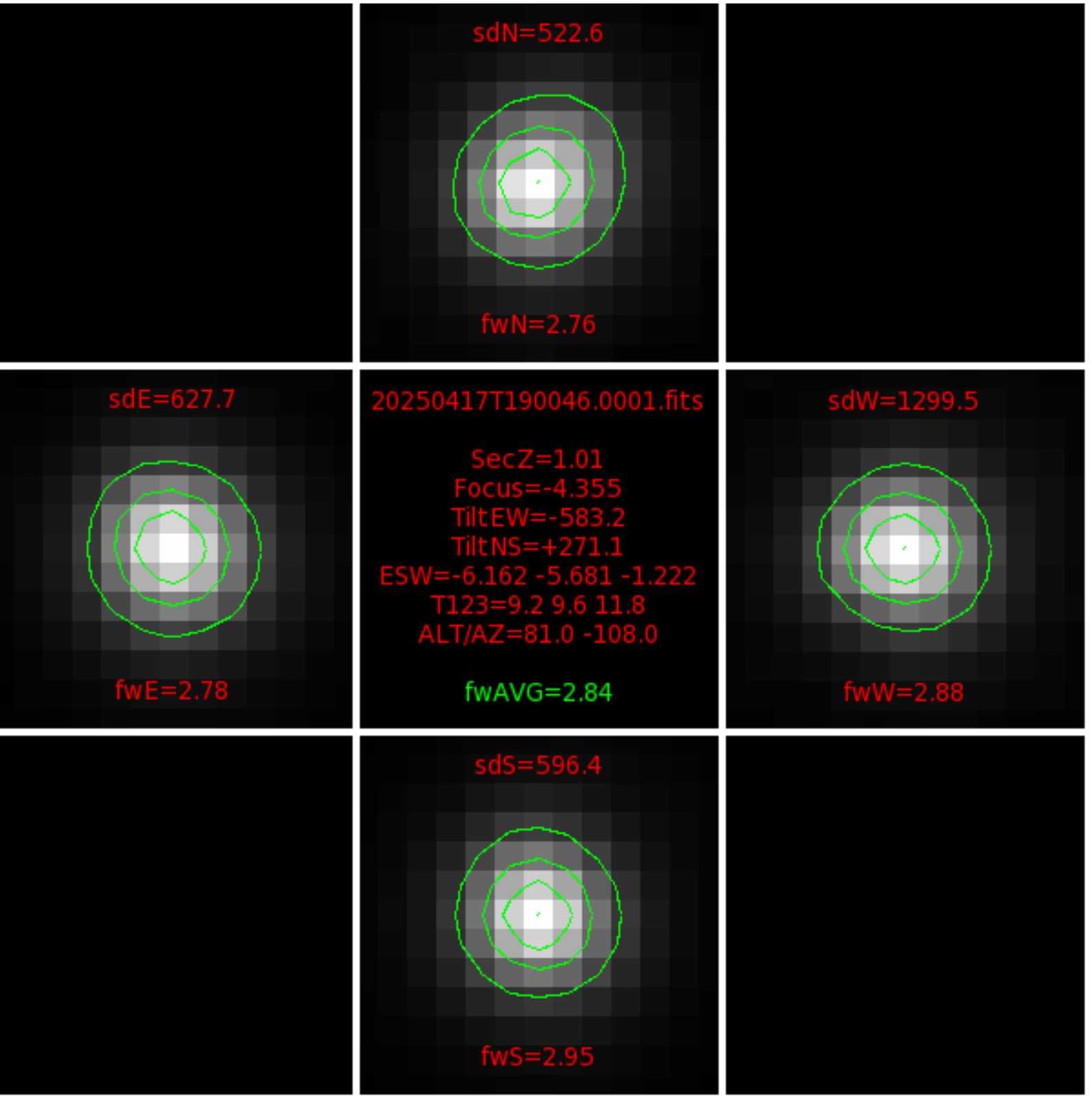
sdN=522.6
fwN=2.76
sdE=627.7
fwE=2.78
20250417T190046.0001.fits
SecZ=1.01
Focus=-4.355
TiltEW=-583.2
TiltNS=+271.1
ESW=-6.162 -5.681 -1.222
T123=9.2 9.6 11.8
ALT/AZ=81.0 -108.0
fwAVG=2.84
sdW=1299.5
fwW=2.88
sdS=596.4
fwS=2.95
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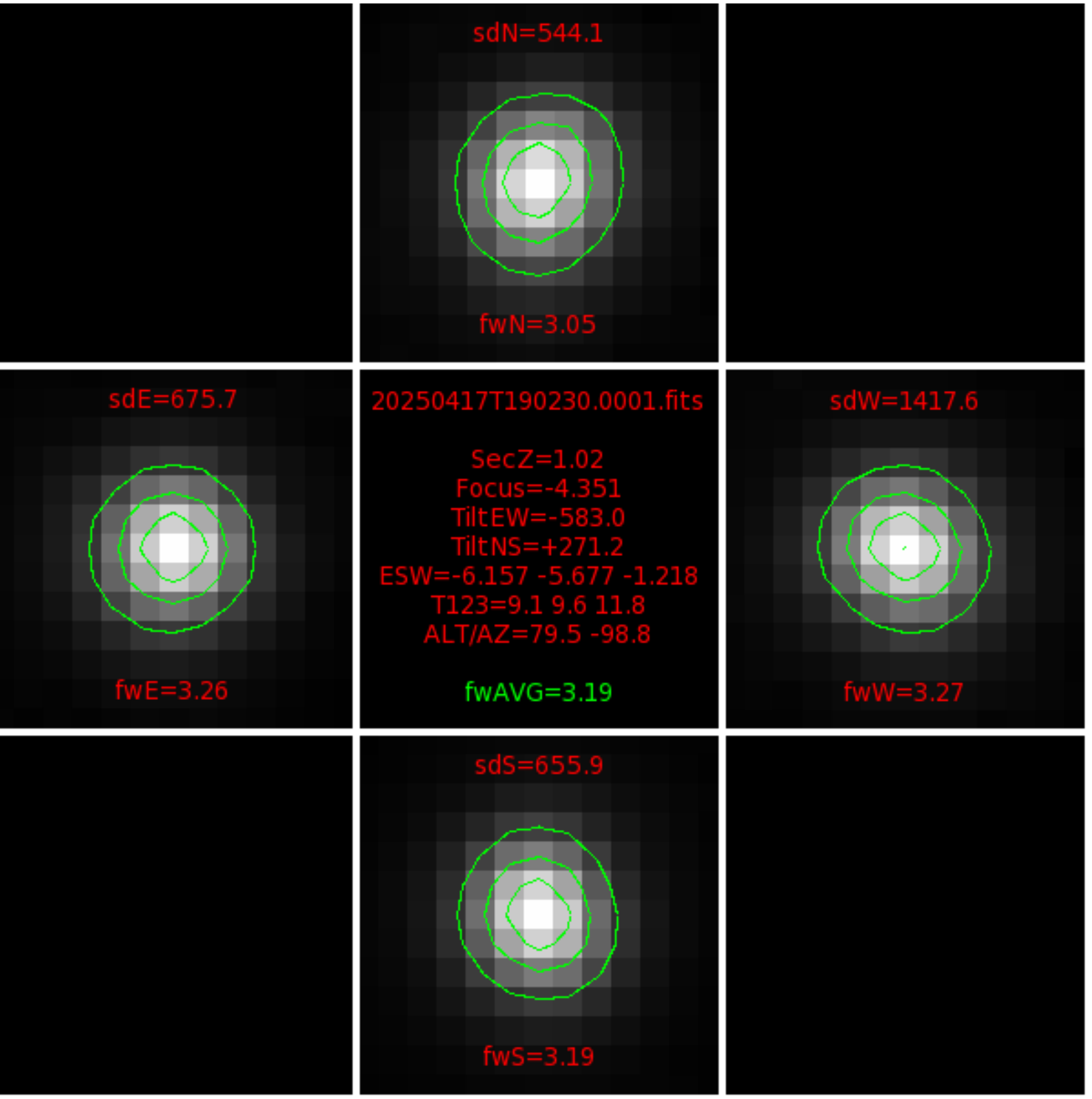
sdN=544.1
fwN=3.05
sdE=675.7
fwE=3.26
20250417T190230.0001.fits
SecZ=1.02
Focus=-4.351
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.157 -5.677 -1.218
T123=9.1 9.6 11.8
ALT/AZ=79.5 -98.8
fwAVG=3.19
sdW=1417.6
fwW=3.27
sdS=655.9
fwS=3.19
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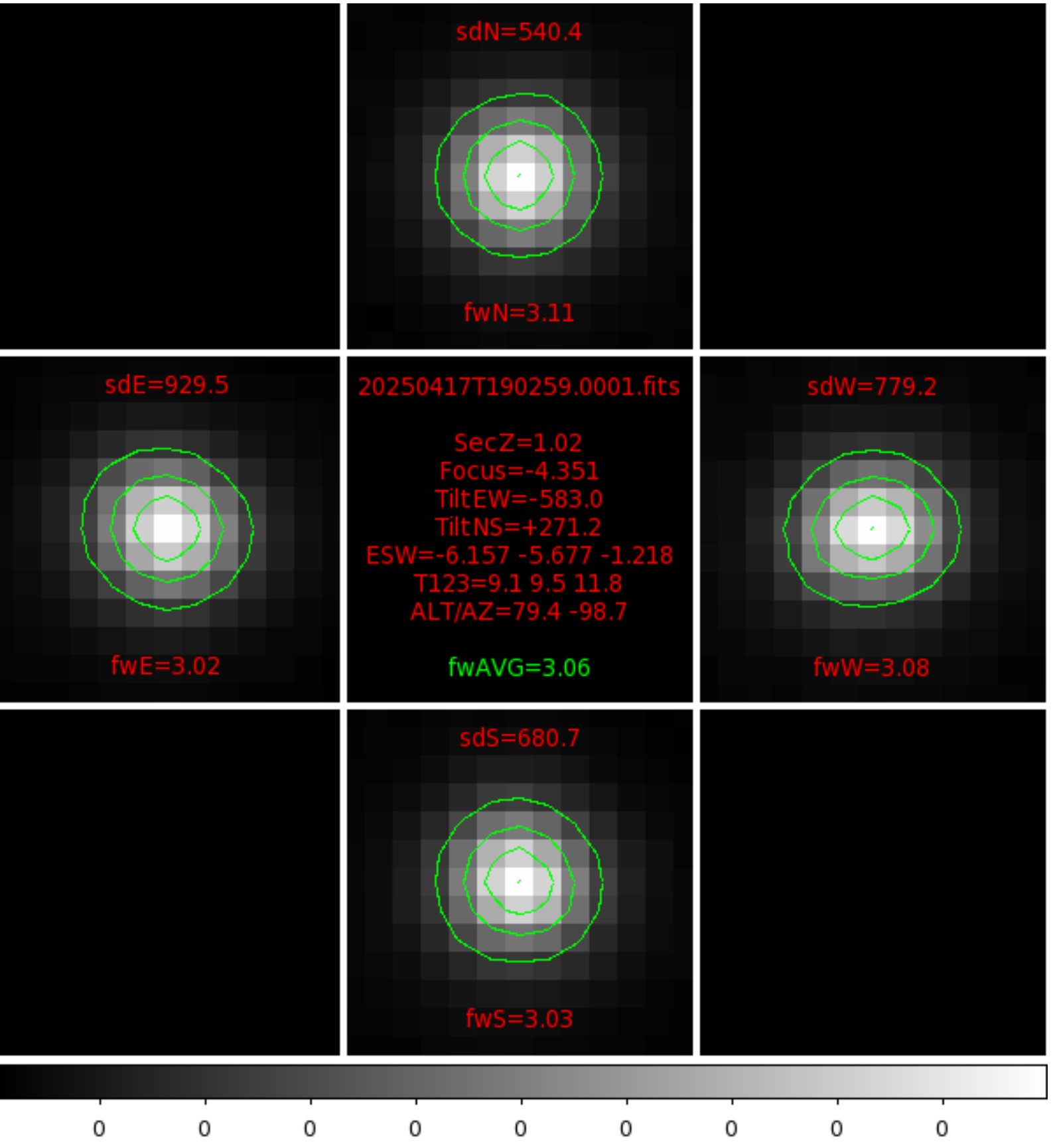
sdN=540.4
fwN=3.11
sdE=929.5
fwE=3.02
20250417T190259.0001.fits
SecZ=1.02
Focus=-4.351
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.157 -5.677 -1.218
T123=9.1 9.5 11.8
ALT/AZ=79.4 -98.7
fwAVG=3.06
sdW=779.2
fwW=3.08
sdS=680.7
fwS=3.03
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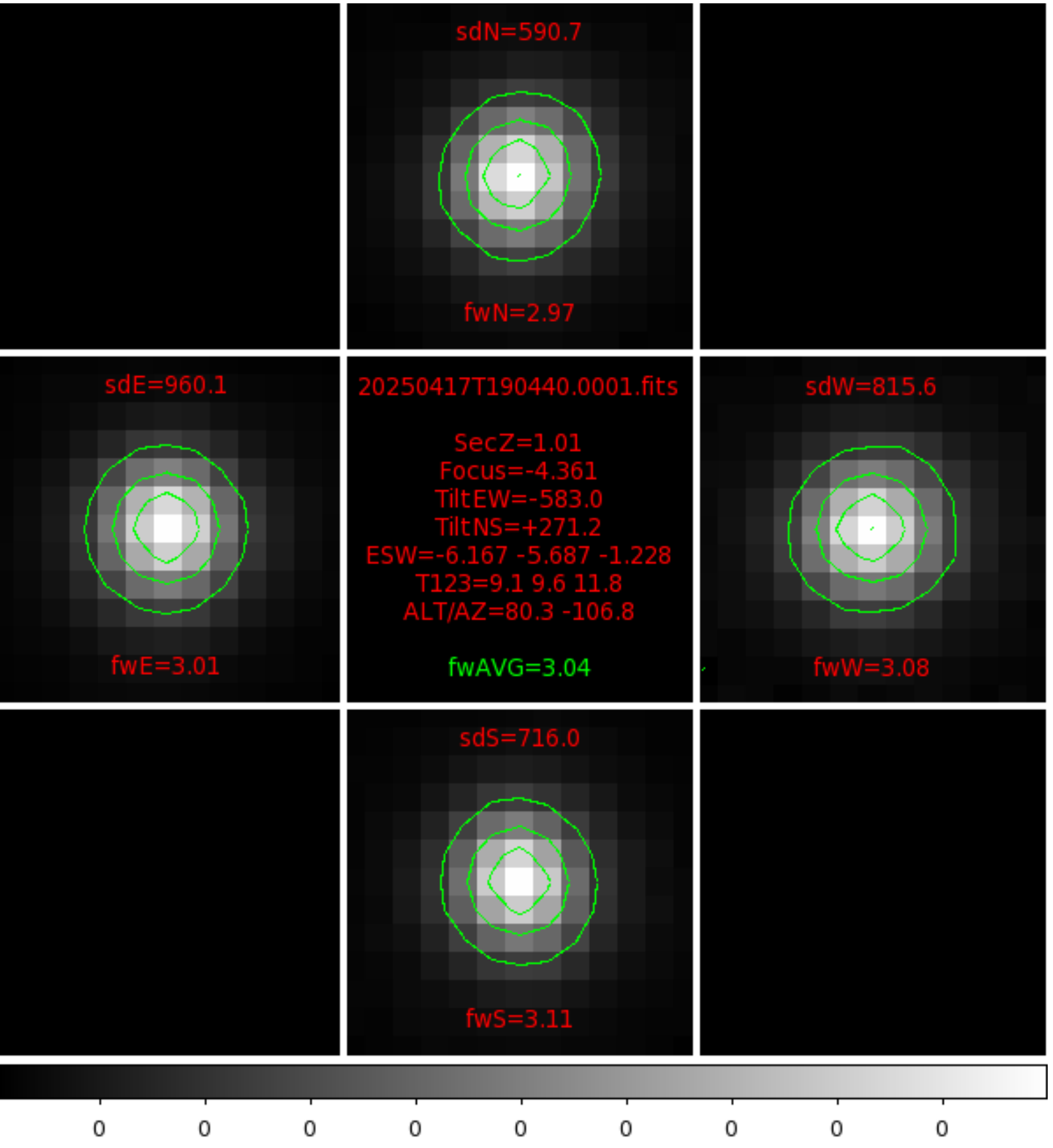
sdN=590.7
fwN=2.97
sdE=960.1
fwE=3.01
20250417T190440.0001.fits
SecZ=1.01
Focus=-4.361
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.167 -5.687 -1.228
T123=9.1 9.6 11.8
ALT/AZ=80.3 -106.8
fwAVG=3.04
sdW=815.6
fwW=3.08
sdS=716.0
fwS=3.11
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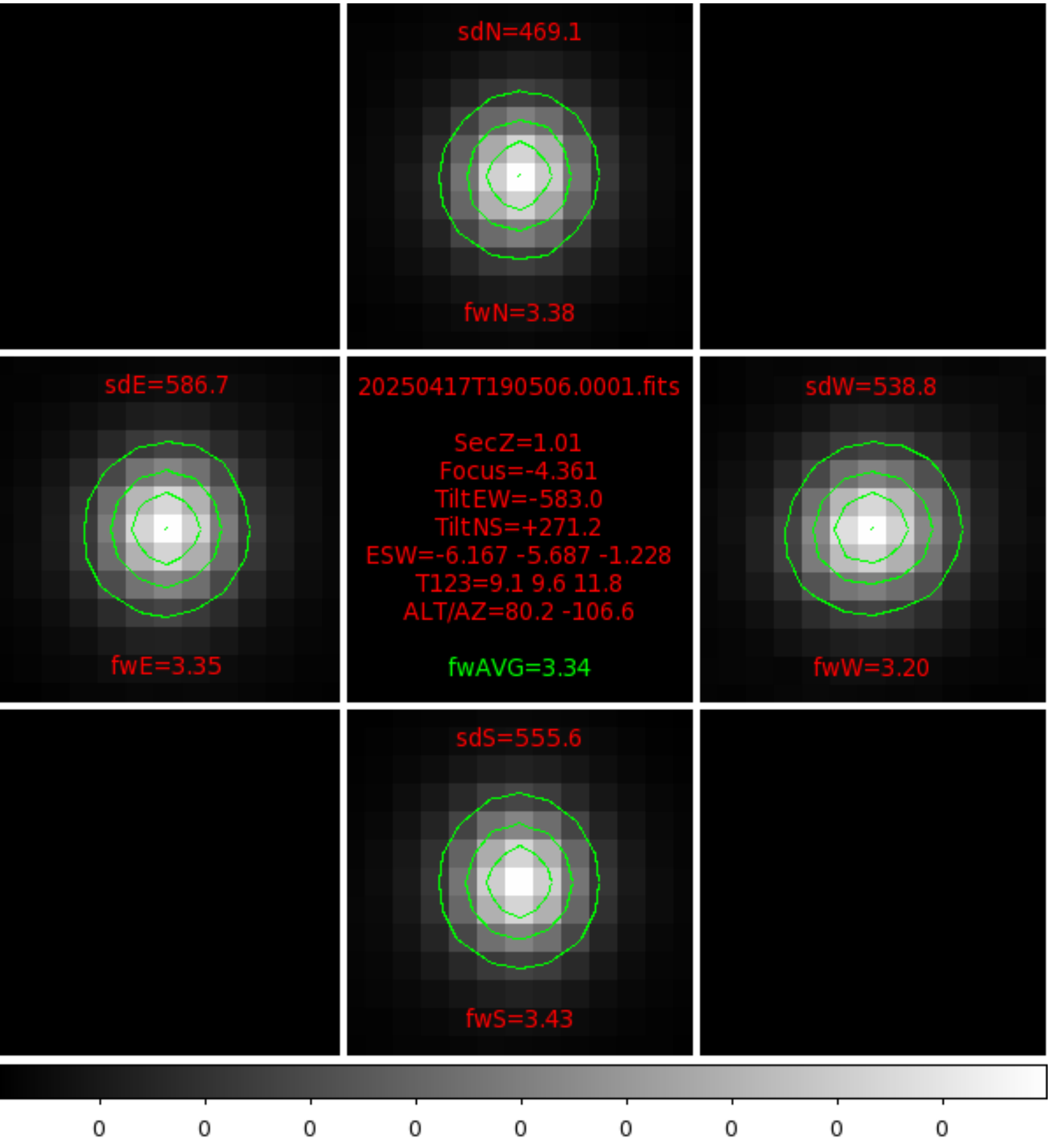
sdN=469.1
fwN=3.38
sdE=586.7
fwE=3.35
20250417T190506.0001.fits
SecZ=1.01
Focus=-4.361
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.167 -5.687 -1.228
T123=9.1 9.6 11.8
ALT/AZ=80.2 -106.6
fwAVG=3.34
sdW=538.8
fwW=3.20
sdS=555.6
fwS=3.43
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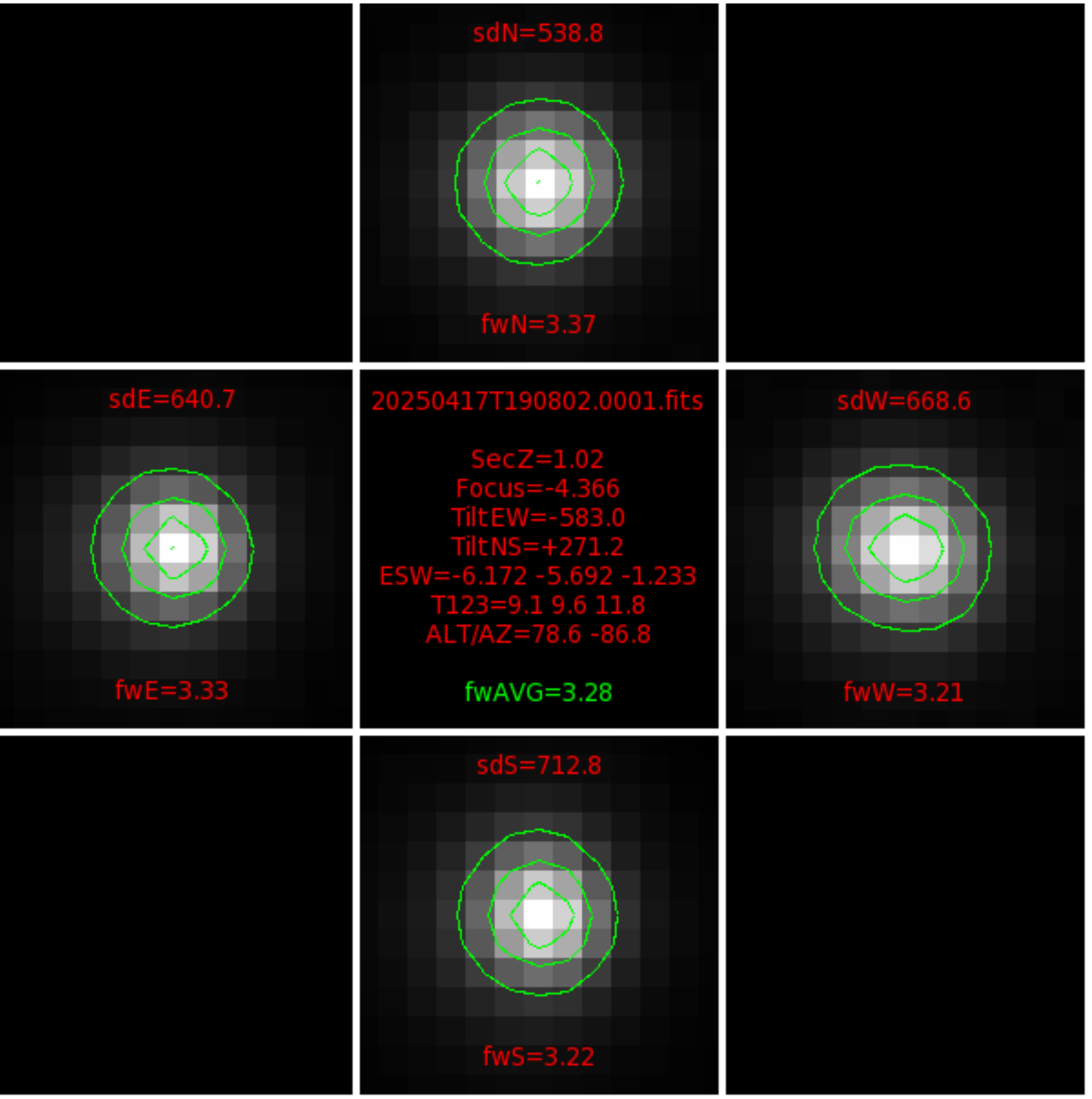
sdN=538.8
fwN=3.37
sdE=640.7
fwE=3.33
20250417T190802.0001.fits
SecZ=1.02
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.1 9.6 11.8
ALT/AZ=78.6 -86.8
fwAVG=3.28
sdW=668.6
fwW=3.21
sdS=712.8
fwS=3.22
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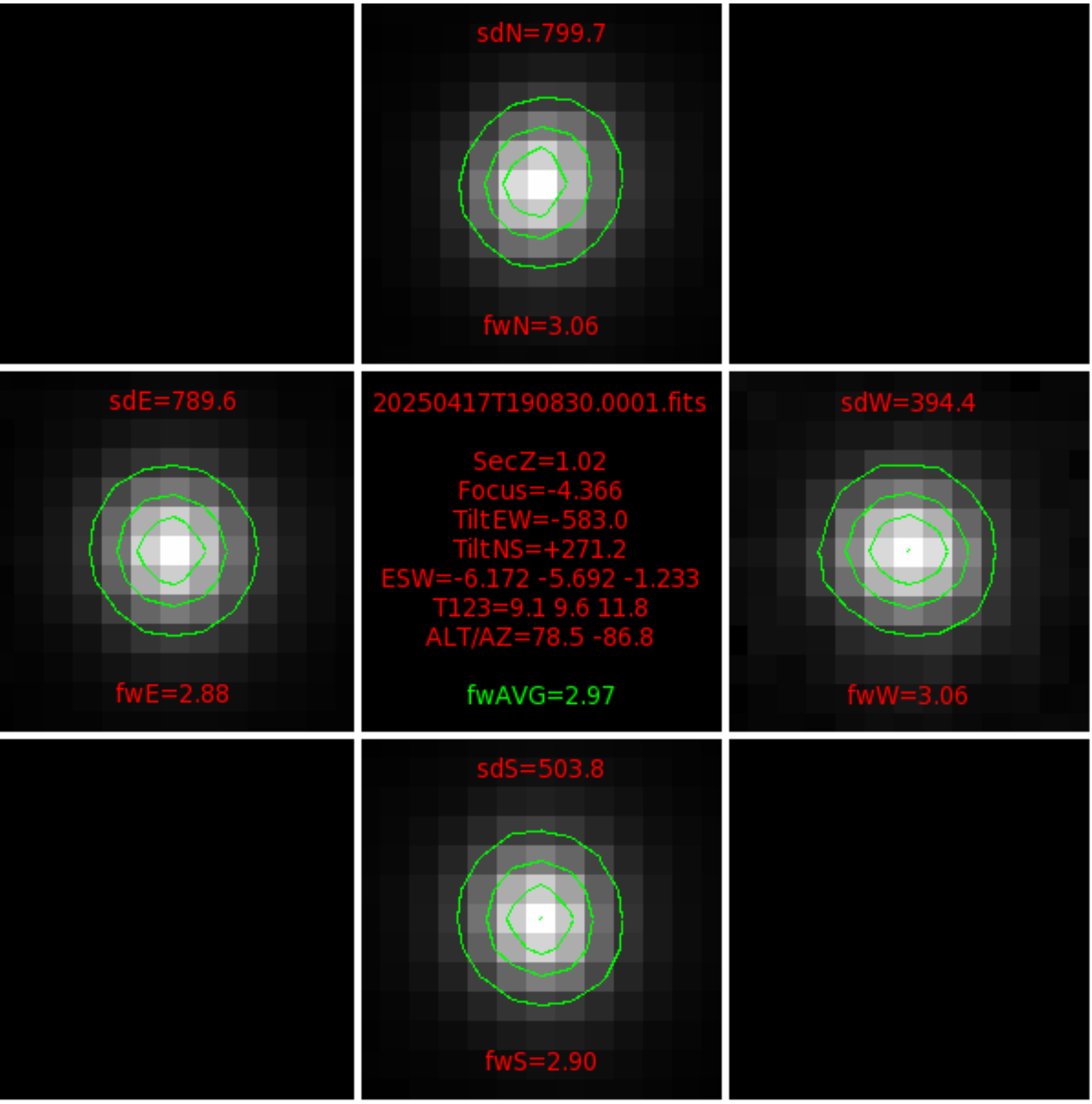
sdN=799.7
fwN=3.06
sdE=789.6
fwE=2.88
20250417T190830.0001.fits
SecZ=1.02
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.1 9.6 11.8
ALT/AZ=78.5 -86.8
fwAVG=2.97
sdW=394.4
fwW=3.06
sdS=503.8
fwS=2.90
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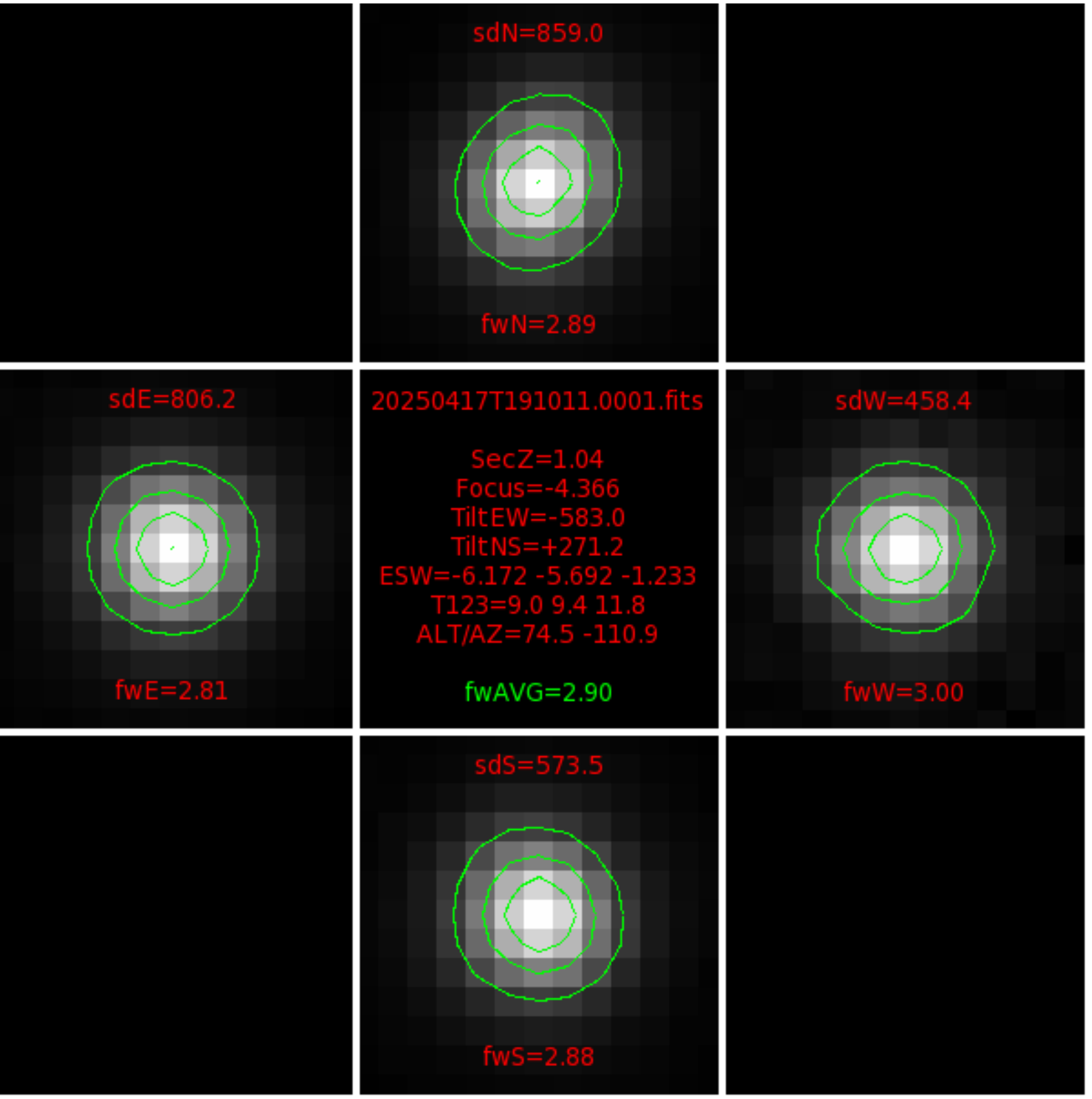
sdN=859.0
fwN=2.89
sdE=806.2
fwE=2.81
20250417T191011.0001.fits
SecZ=1.04
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.4 11.8
ALT/AZ=74.5 -110.9
fwAVG=2.90
sdW=458.4
fwW=3.00
sdS=573.5
fwS=2.88
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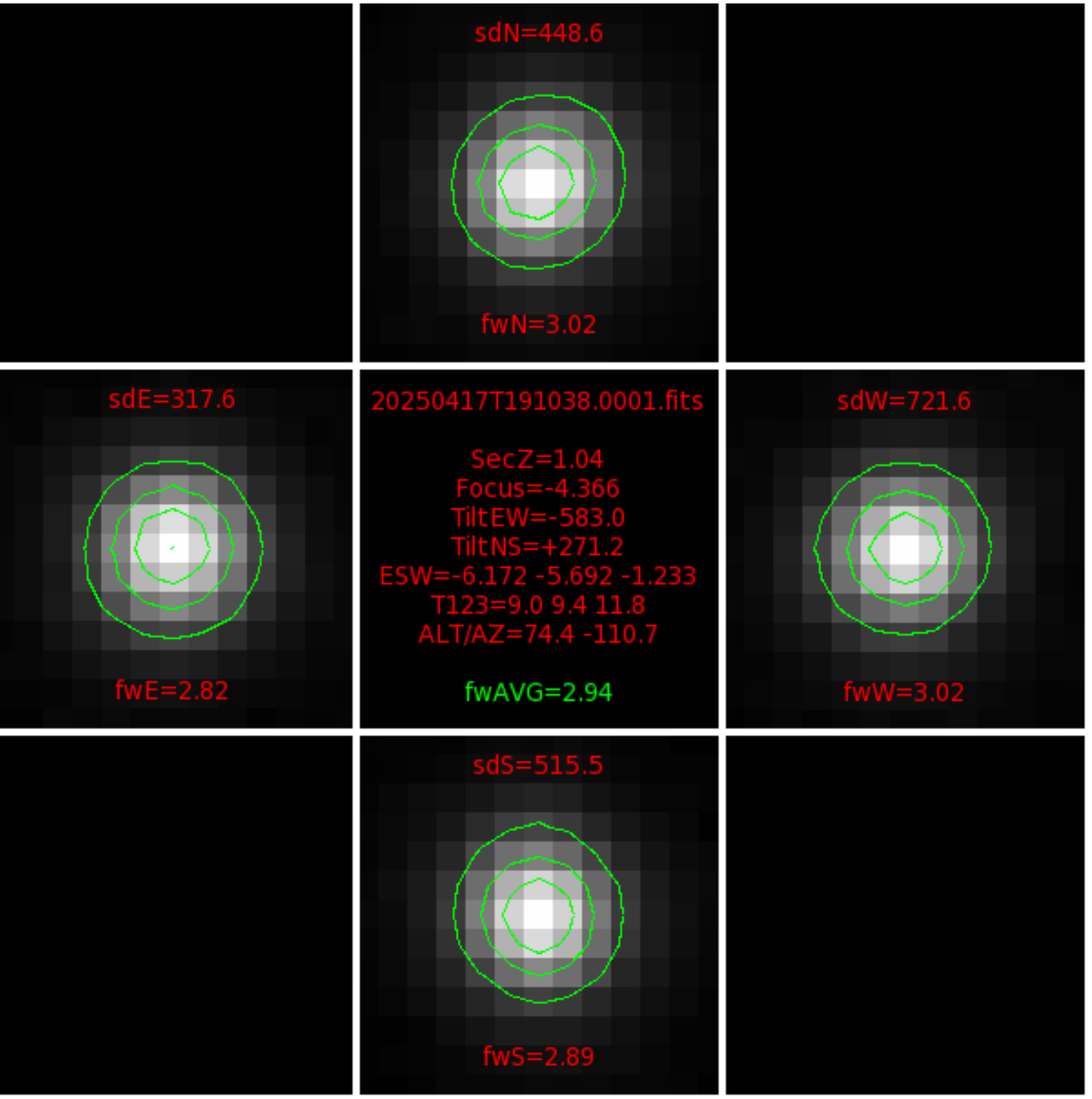
sdN=448.6
fwN=3.02
sdE=317.6
fwE=2.82
20250417T191038.0001.fits
SecZ=1.04
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.4 11.8
ALT/AZ=74.4 -110.7
fwAVG=2.94
sdW=721.6
fwW=3.02
sdS=515.5
fwS=2.89
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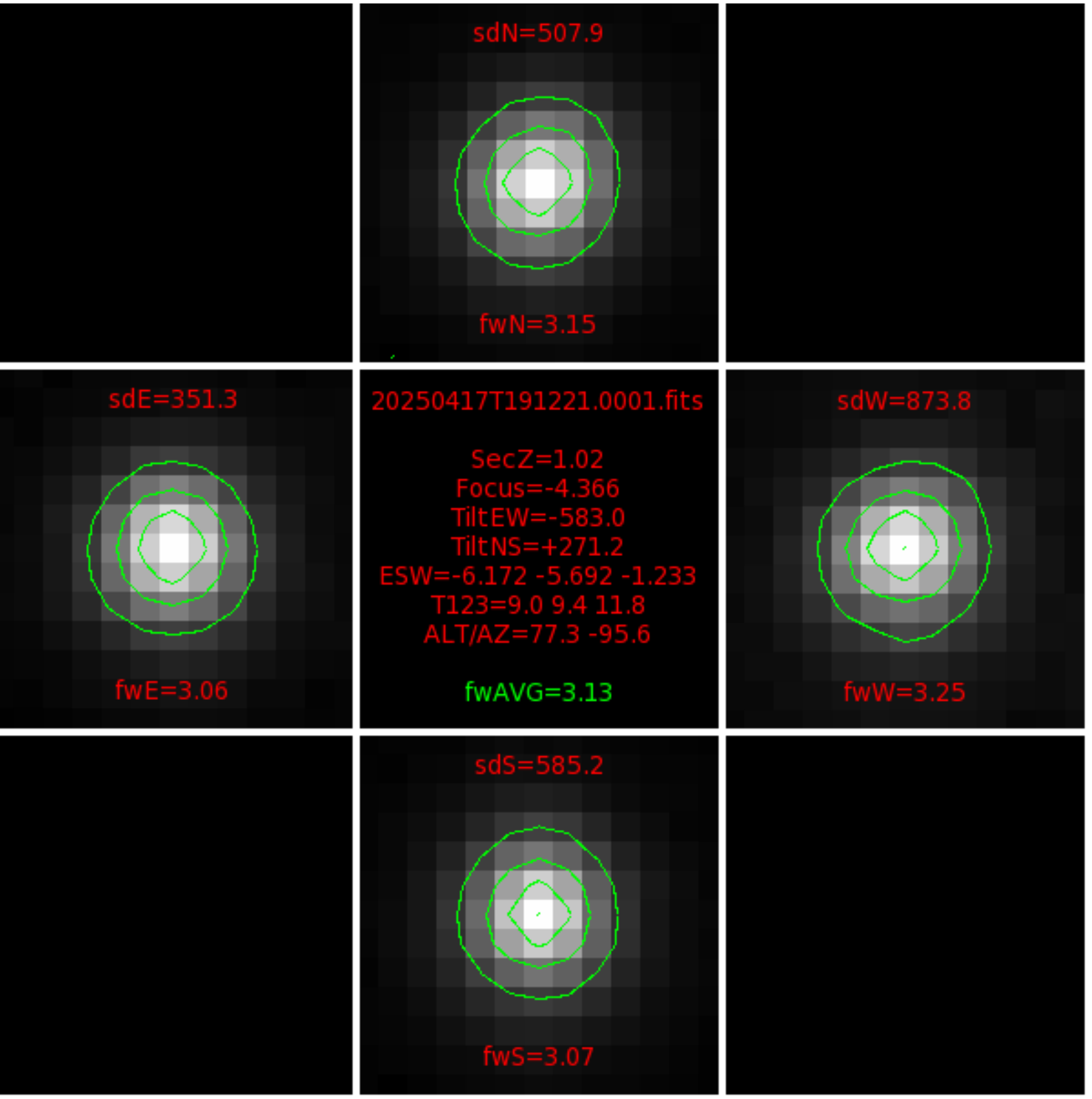
sdN=507.9
fwN=3.15
sdE=351.3
fwE=3.06
20250417T191221.0001.fits
SecZ=1.02
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.4 11.8
ALT/AZ=77.3 -95.6
fwAVG=3.13
sdW=873.8
fwW=3.25
sdS=585.2
fwS=3.07
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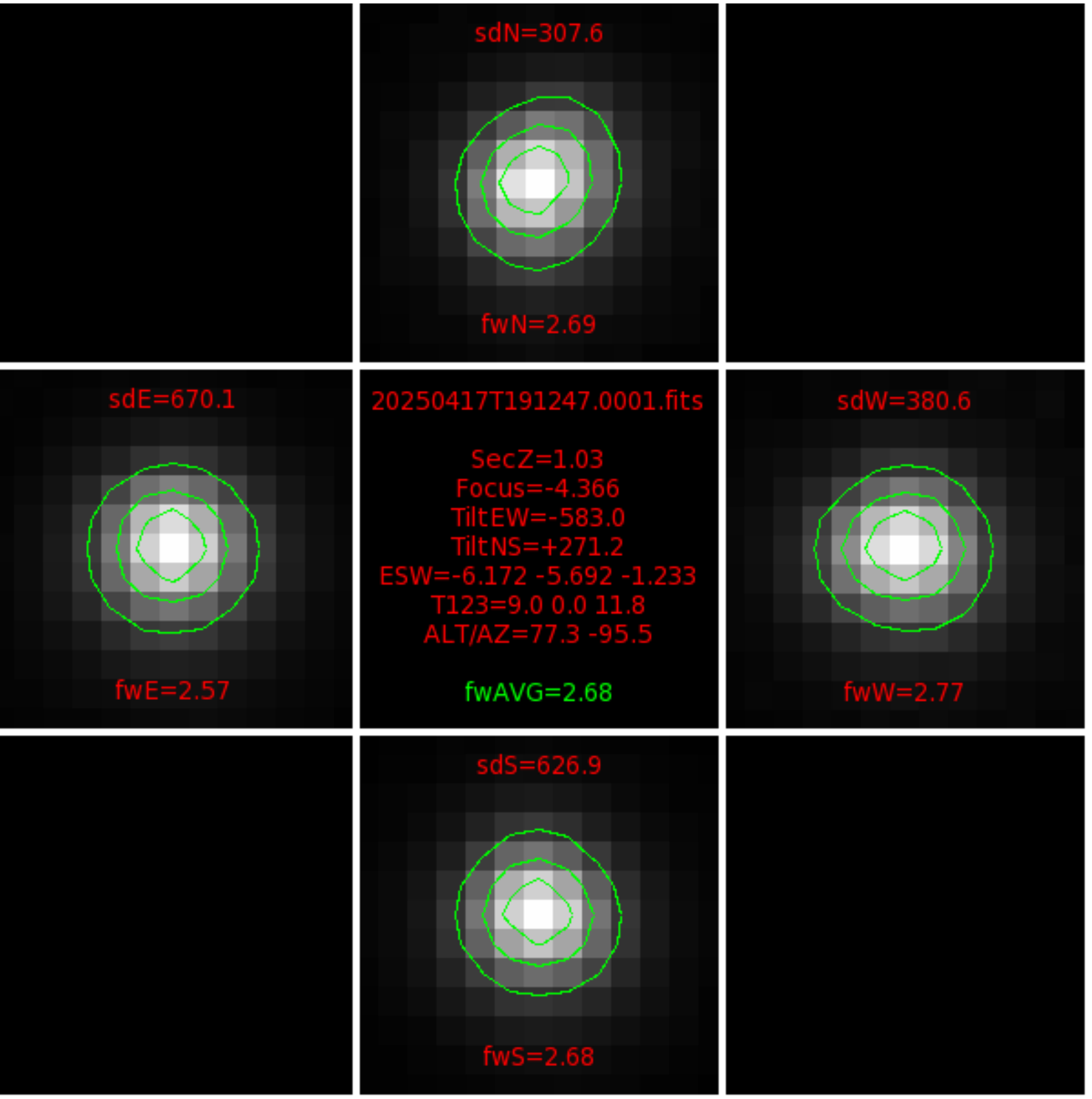
sdN=307.6
fwN=2.69
sdE=670.1
fwE=2.57
20250417T191247.0001.fits
SecZ=1.03
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 0.0 11.8
ALT/AZ=77.3 -95.5
fwAVG=2.68
sdW=380.6
fwW=2.77
sdS=626.9
fwS=2.68
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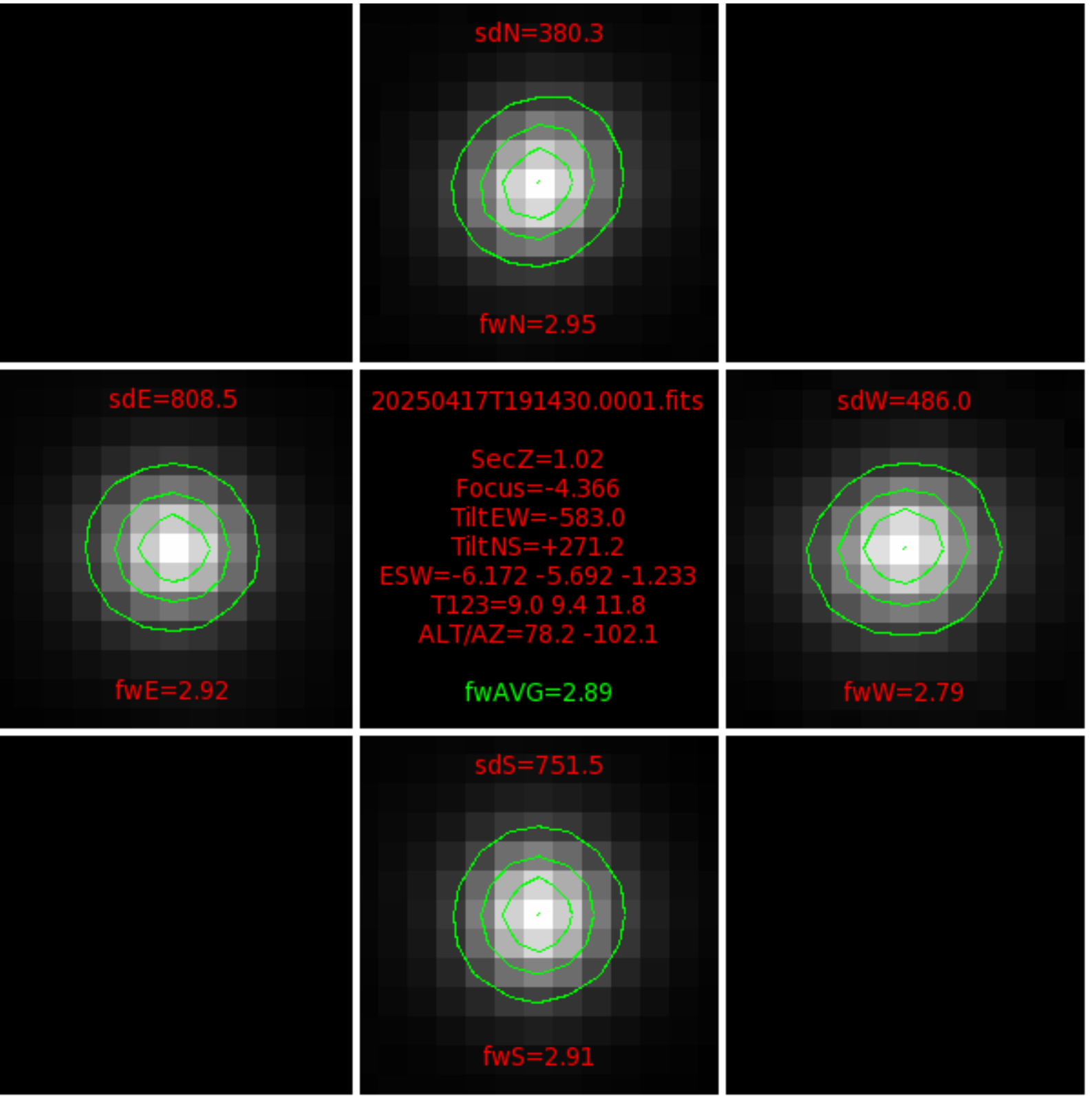
sdN=380.3
fwN=2.95
sdE=808.5
fwE=2.92
20250417T191430.0001.fits
SecZ=1.02
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.4 11.8
ALT/AZ=78.2 -102.1
fwAVG=2.89
sdW=486.0
fwW=2.79
sdS=751.5
fwS=2.91
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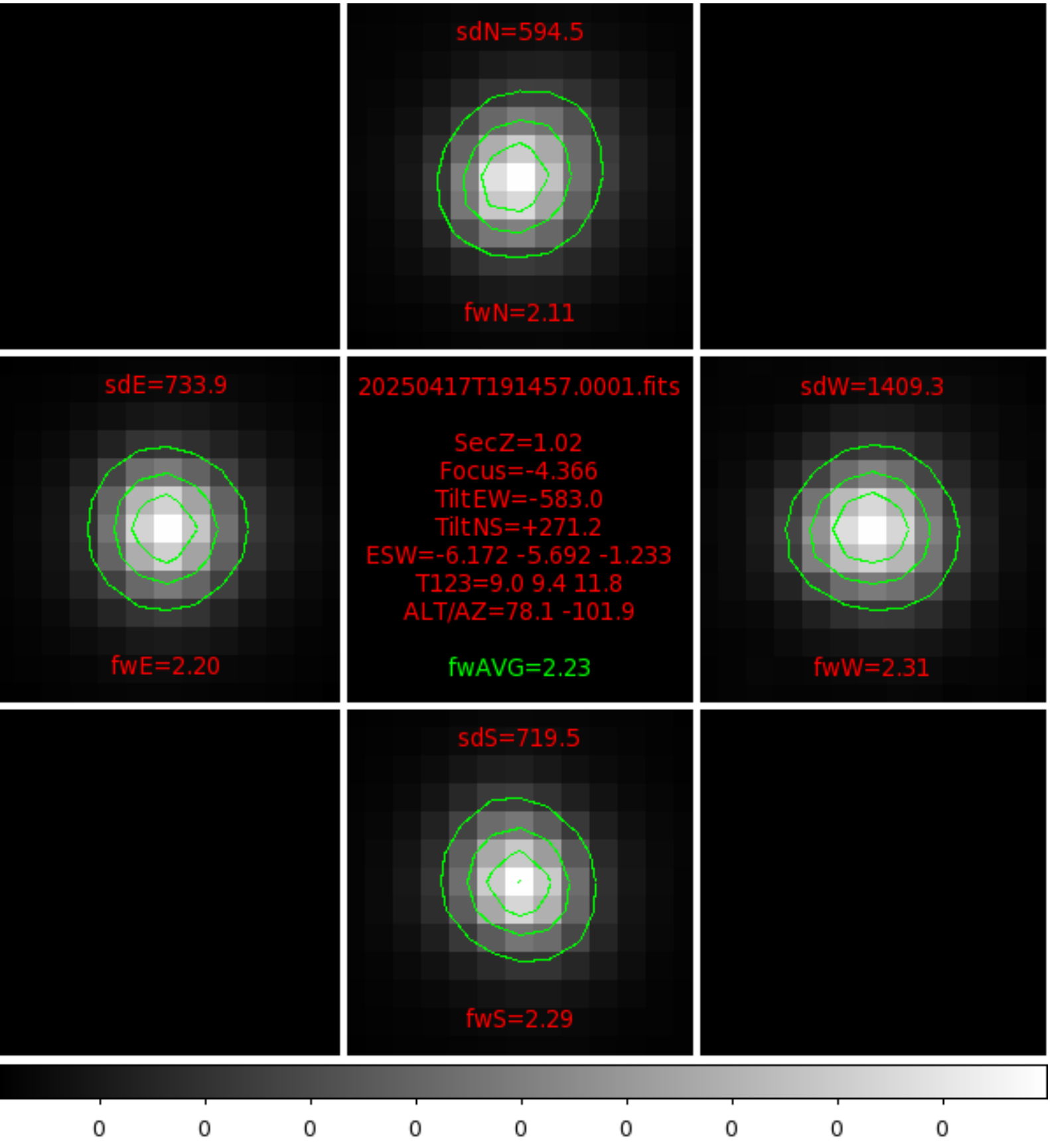
sdN=594.5
fwN=2.11
sdE=733.9
fwE=2.20
20250417T191457.0001.fits
SecZ=1.02
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.4 11.8
ALT/AZ=78.1 -101.9
fwAVG=2.23
sdW=1409.3
fwW=2.31
sdS=719.5
fwS=2.29
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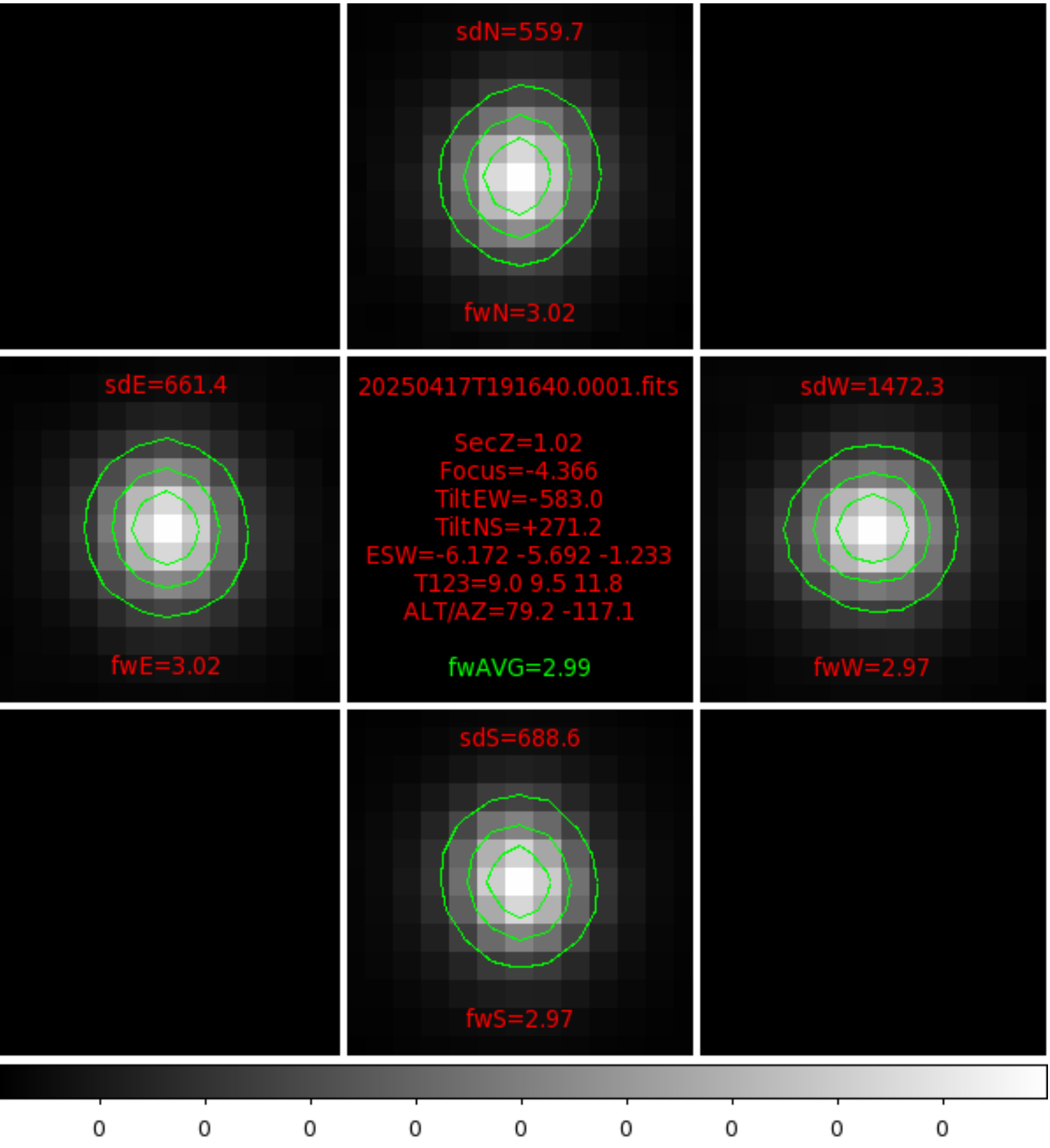
sdN=559.7
fwN=3.02
sdE=661.4
fwE=3.02
20250417T191640.0001.fits
SecZ=1.02
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.5 11.8
ALT/AZ=79.2 -117.1
fwAVG=2.99
sdW=1472.3
fwW=2.97
sdS=688.6
fwS=2.97
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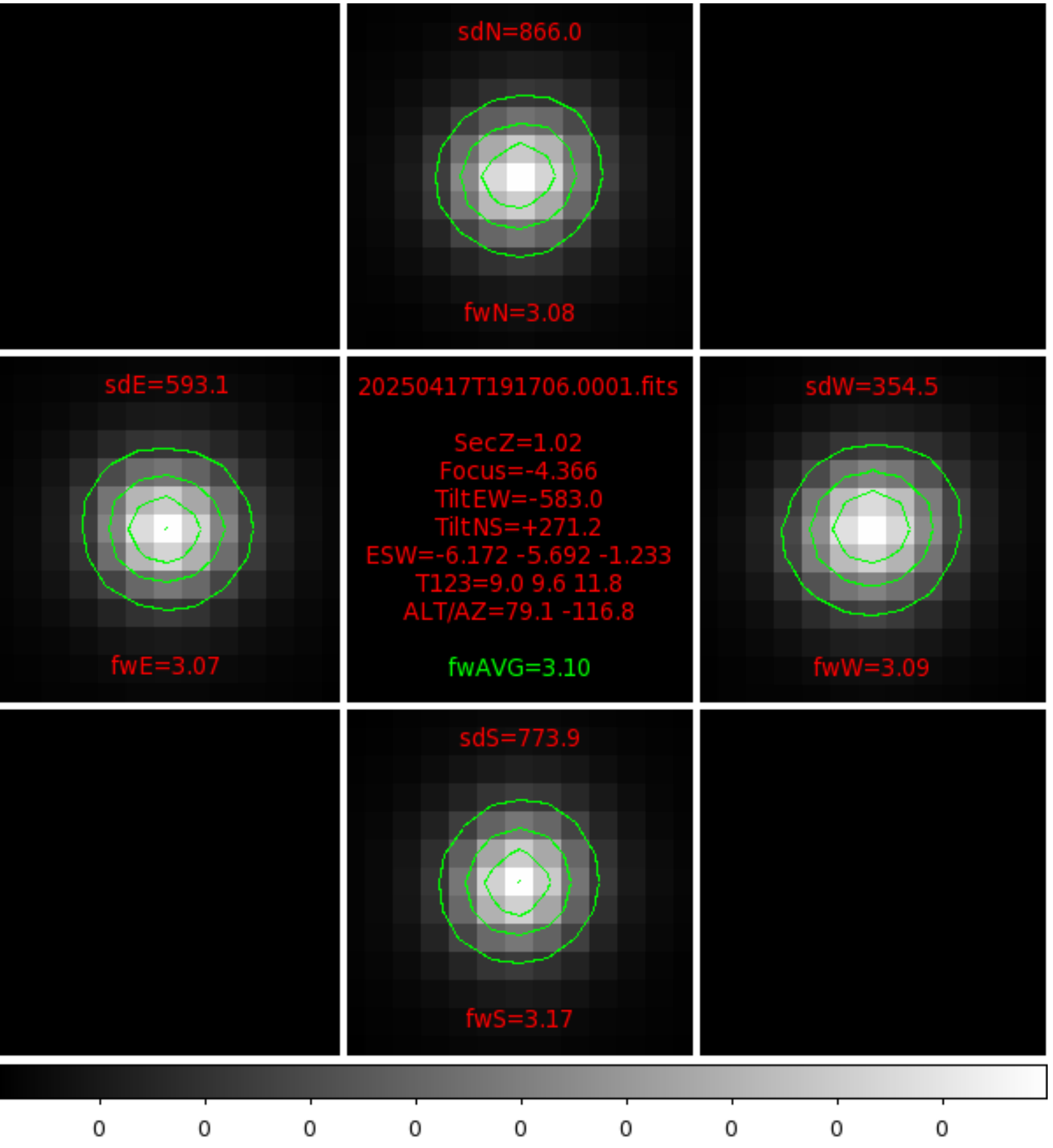
sdN=866.0
fwN=3.08
sdE=593.1
fwE=3.07
20250417T191706.0001.fits
SecZ=1.02
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.6 11.8
ALT/AZ=79.1 -116.8
fwAVG=3.10
sdW=354.5
fwW=3.09
sdS=773.9
fwS=3.17
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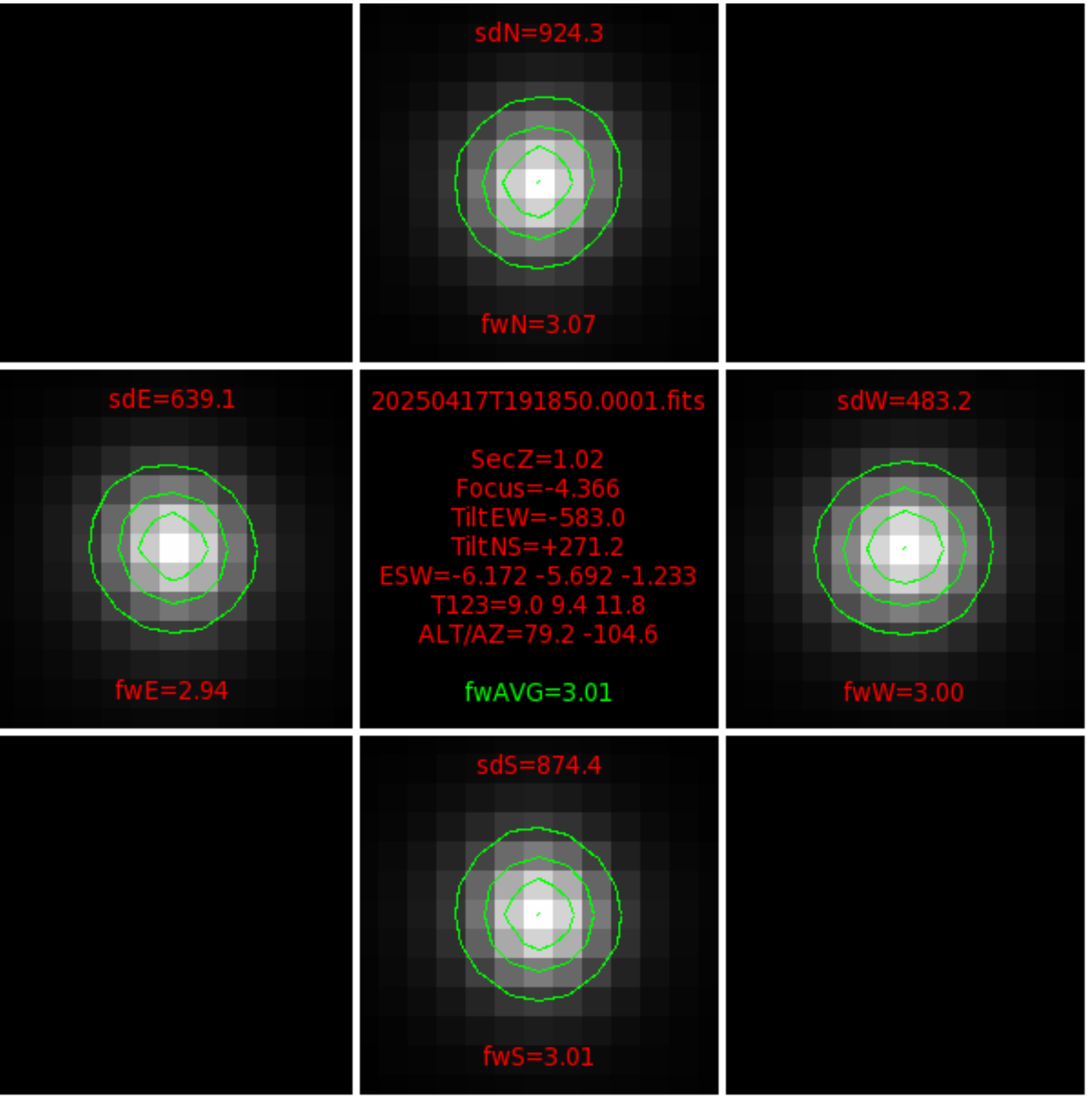
sdN=924.3
fwN=3.07
sdE=639.1
fwE=2.94
20250417T191850.0001.fits
SecZ=1.02
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.4 11.8
ALT/AZ=79.2 -104.6
fwAVG=3.01
sdW=483.2
fwW=3.00
sdS=874.4
fwS=3.01
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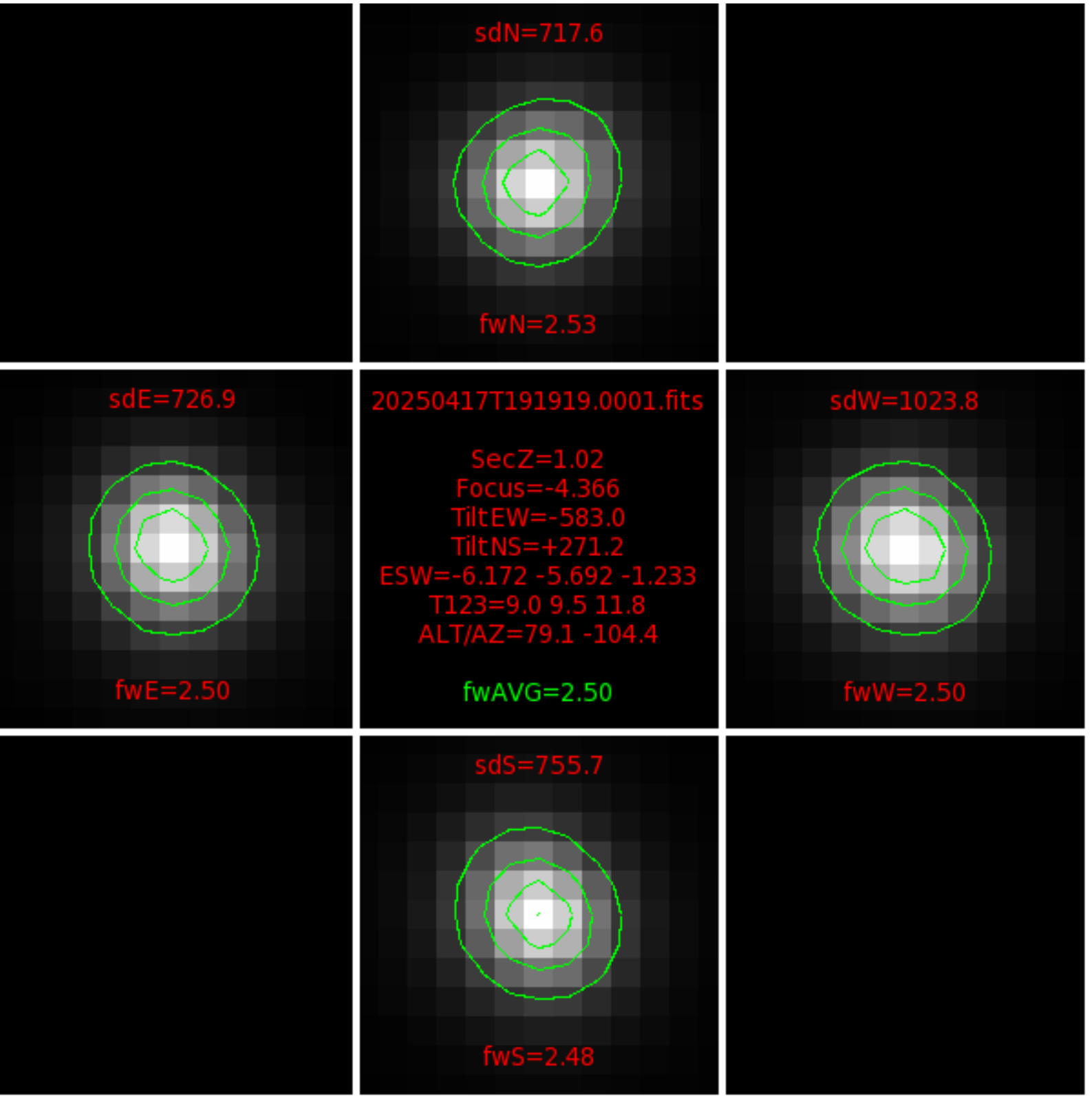
sdN=717.6
fwN=2.53
sdE=726.9
fwE=2.50
20250417T191919.0001.fits
SecZ=1.02
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.5 11.8
ALT/AZ=79.1 -104.4
fwAVG=2.50
sdW=1023.8
fwW=2.50
sdS=755.7
fwS=2.48
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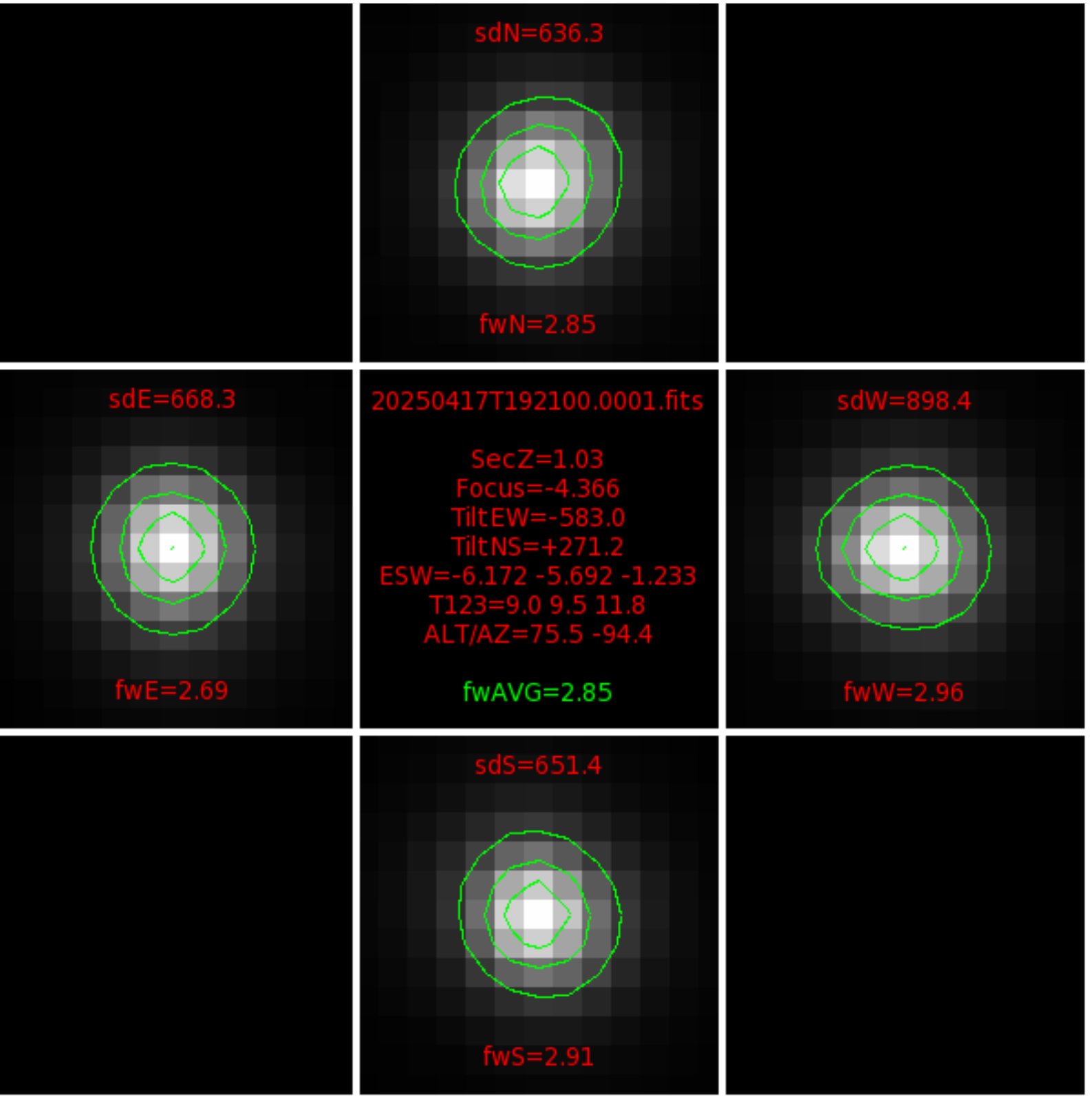
sdN=636.3
fwN=2.85
sdE=668.3
fwE=2.69
20250417T192100.0001.fits
SecZ=1.03
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.5 11.8
ALT/AZ=75.5 -94.4
fwAVG=2.85
sdW=898.4
fwW=2.96
sdS=651.4
fwS=2.91
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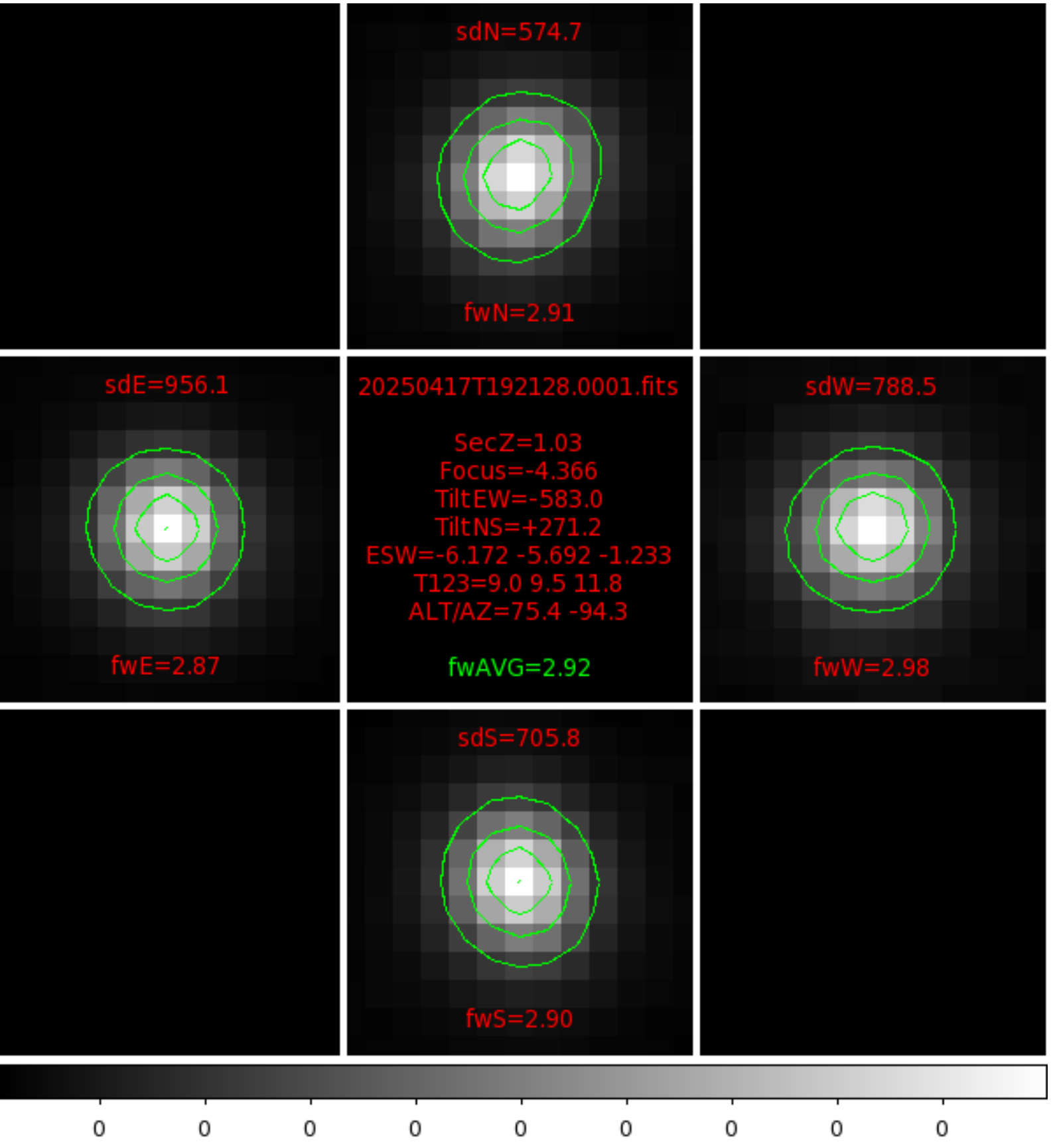
sdN=574.7
fwN=2.91
sdE=956.1
fwE=2.87
20250417T192128.0001.fits
SecZ=1.03
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.5 11.8
ALT/AZ=75.4 -94.3
fwAVG=2.92
sdW=788.5
fwW=2.98
sdS=705.8
fwS=2.90
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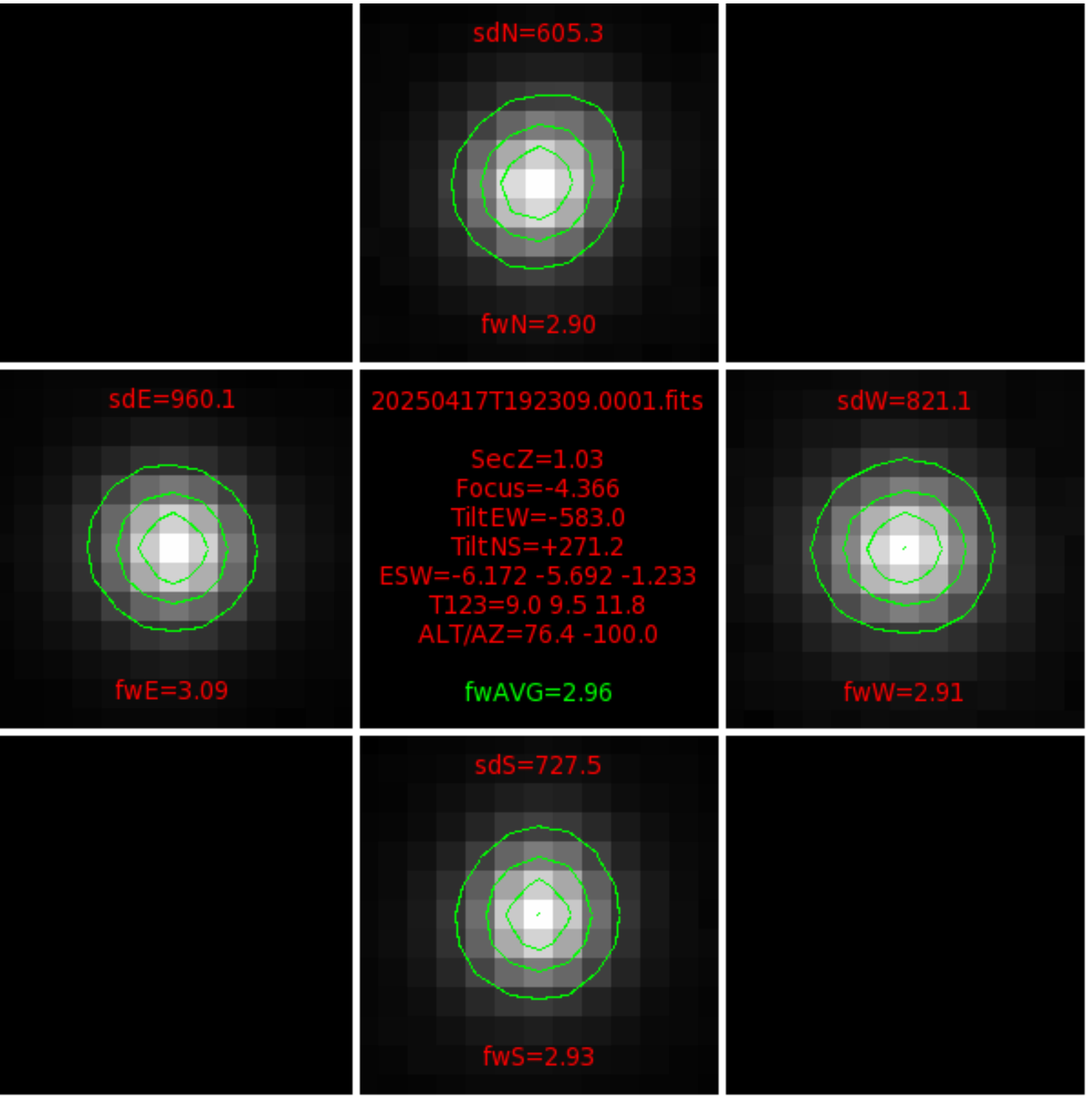
sdN=605.3
fwN=2.90
sdE=960.1
fwE=3.09
20250417T192309.0001.fits
SecZ=1.03
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.5 11.8
ALT/AZ=76.4 -100.0
fwAVG=2.96
sdW=821.1
fwW=2.91
sdS=727.5
fwS=2.93
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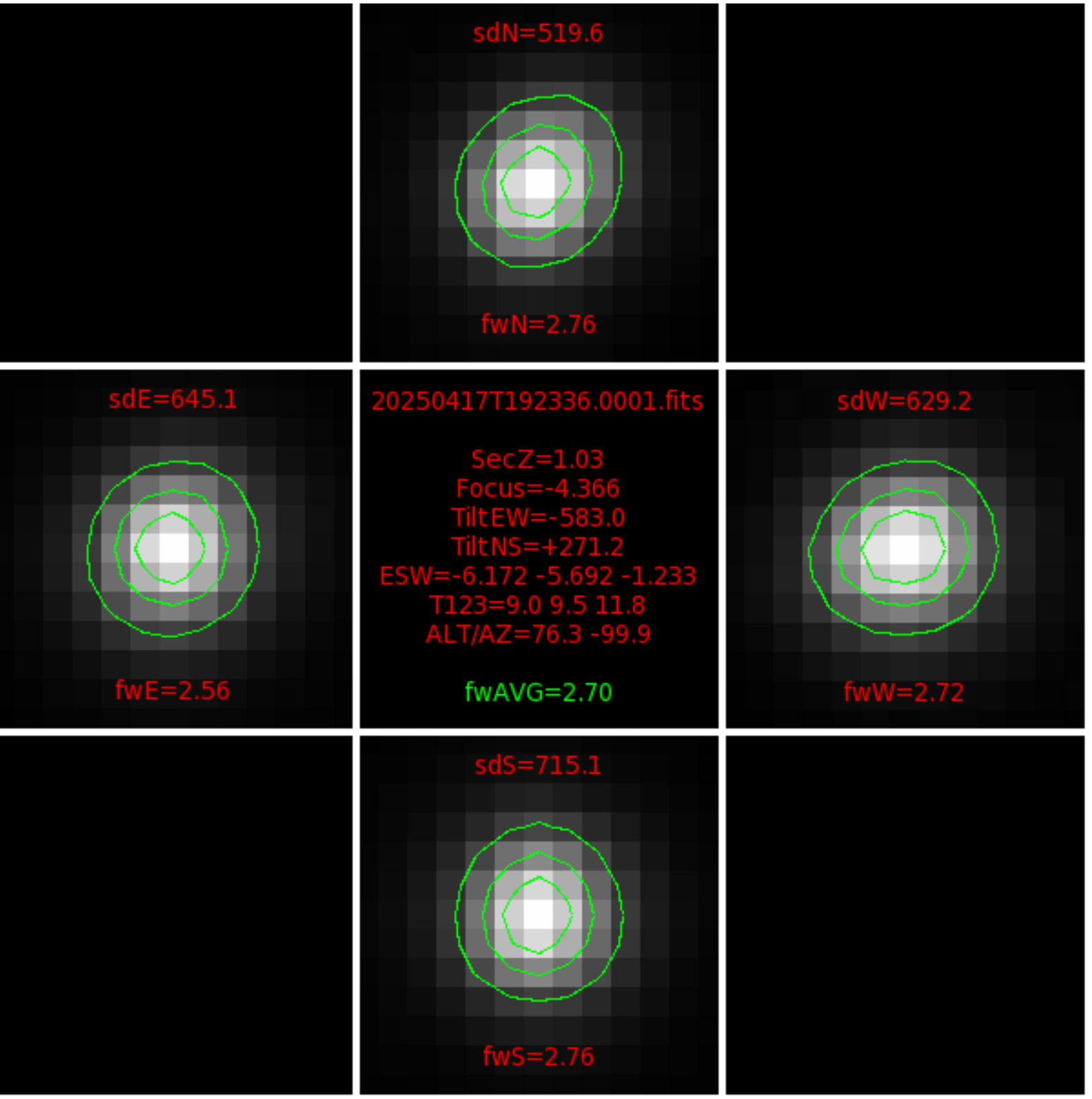
sdN=519.6
fwN=2.76
sdE=645.1
fwE=2.56
20250417T192336.0001.fits
SecZ=1.03
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.5 11.8
ALT/AZ=76.3 -99.9
fwAVG=2.70
sdW=629.2
fwW=2.72
sdS=715.1
fwS=2.76
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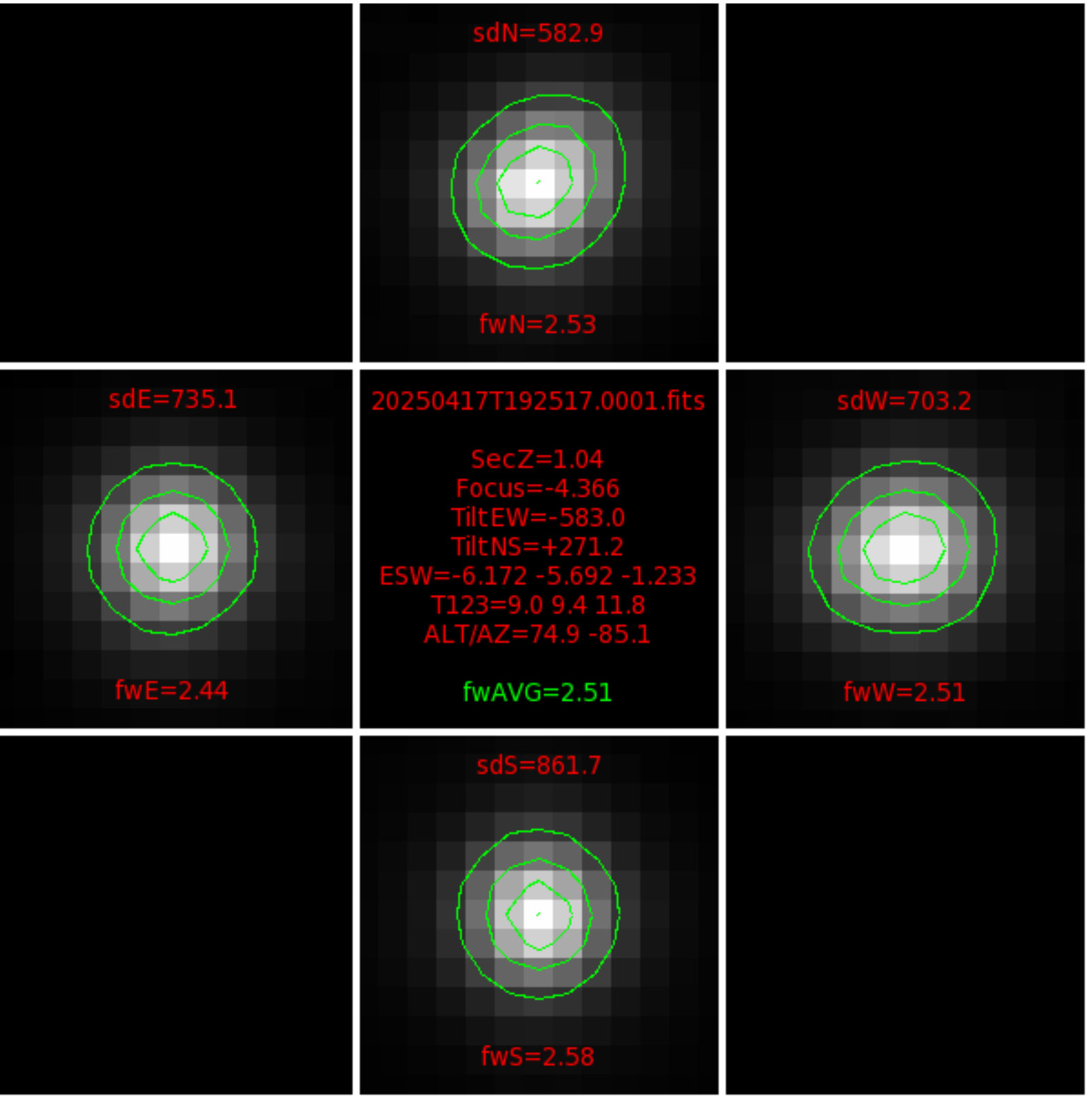
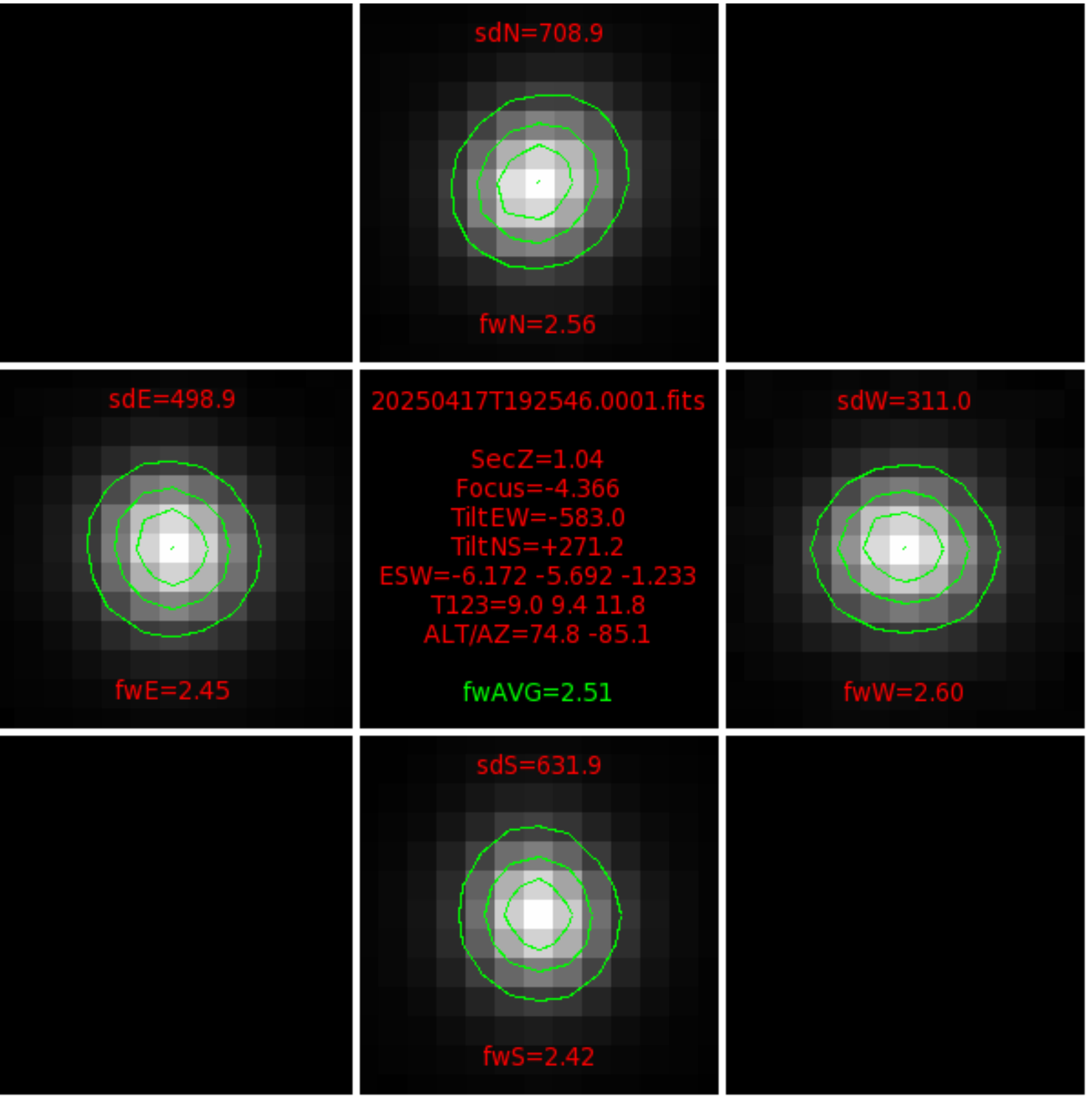

sdN=582.9
fwN=2.53
sdE=735.1
fwE=2.44
20250417T192517.0001.fits
SecZ=1.04
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.4 11.8
ALT/AZ=74.9 -85.1
fwAVG=2.51
sdW=703.2
fwW=2.51
sdS=861.7
fwS=2.58
0 0 0 0 0 0 0 0 0


sdN=708.9
fwN=2.56
sdE=498.9
fwE=2.45
20250417T192546.0001.fits
SecZ=1.04
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.4 11.8
ALT/AZ=74.8 -85.1
fwAVG=2.51
sdW=311.0
fwW=2.60
sdS=631.9
fwS=2.42
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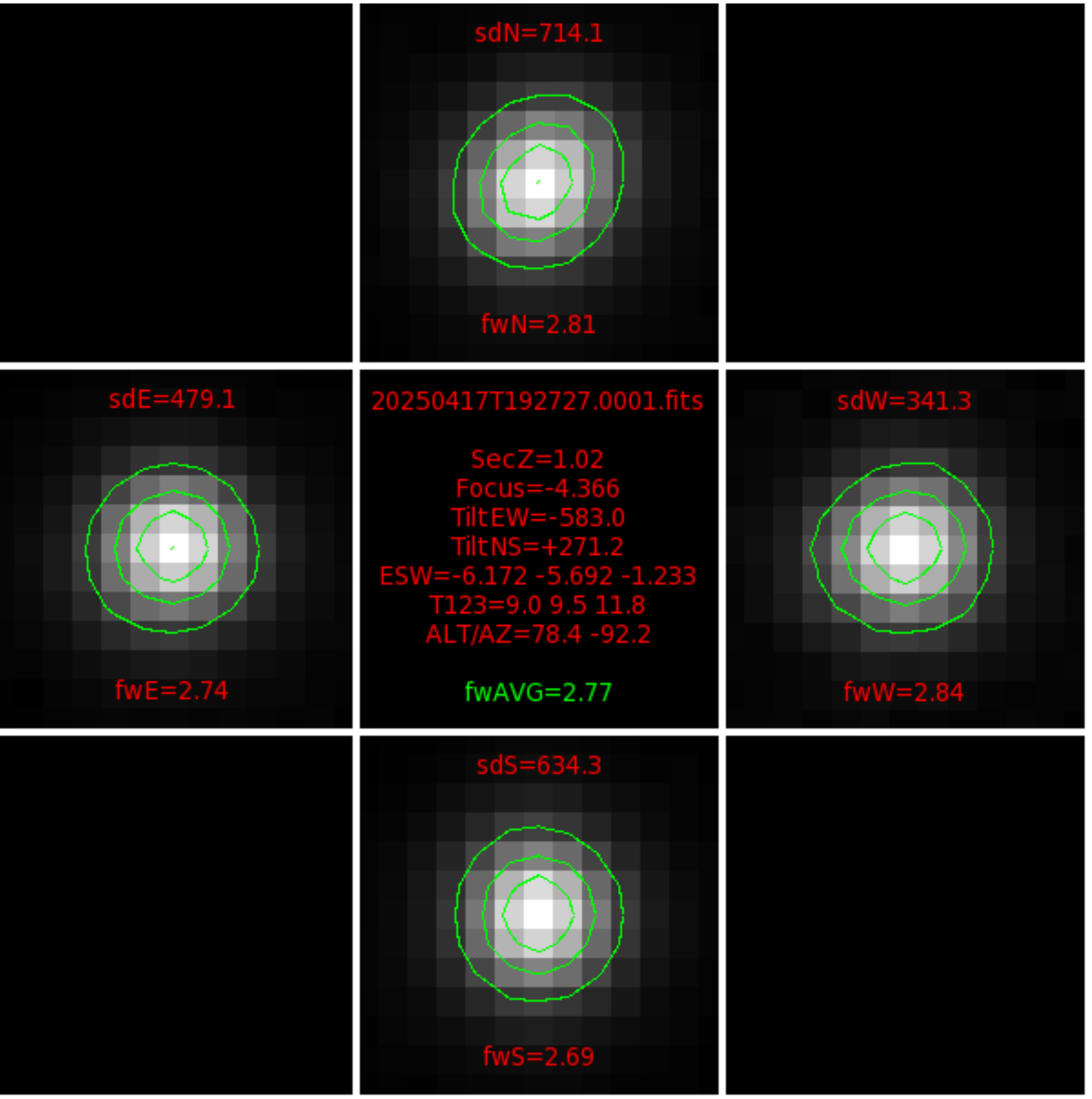
sdN=714.1
fwN=2.81
sdE=479.1
fwE=2.74
20250417T192727.0001.fits
SecZ=1.02
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.5 11.8
ALT/AZ=78.4 -92.2
fwAVG=2.77
sdW=341.3
fwW=2.84
sdS=634.3
fwS=2.69
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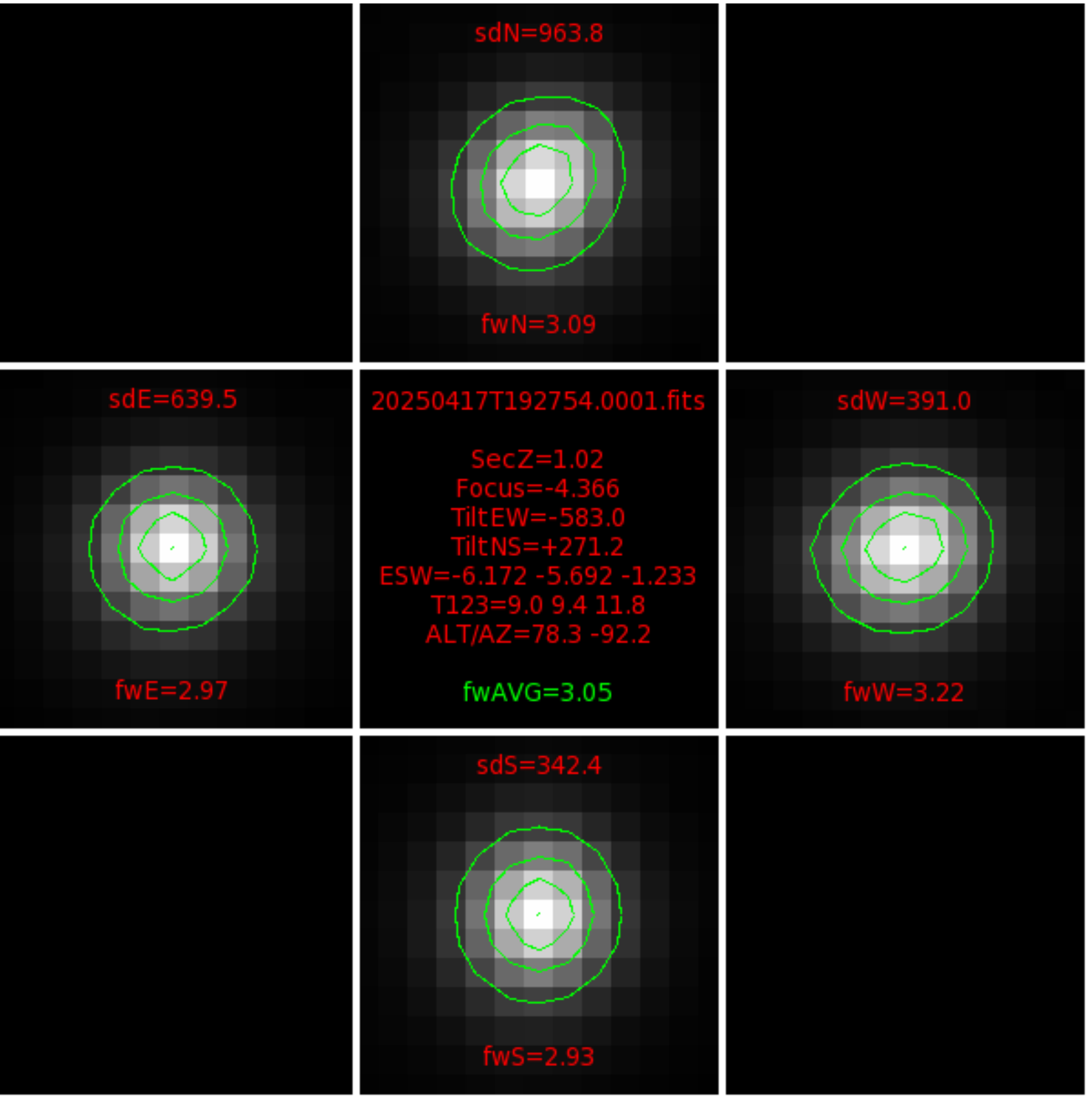
sdN=963.8
fwN=3.09
sdE=639.5
fwE=2.97
20250417T192754.0001.fits
SecZ=1.02
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.4 11.8
ALT/AZ=78.3 -92.2
fwAVG=3.05
sdW=391.0
fwW=3.22
sdS=342.4
fwS=2.93
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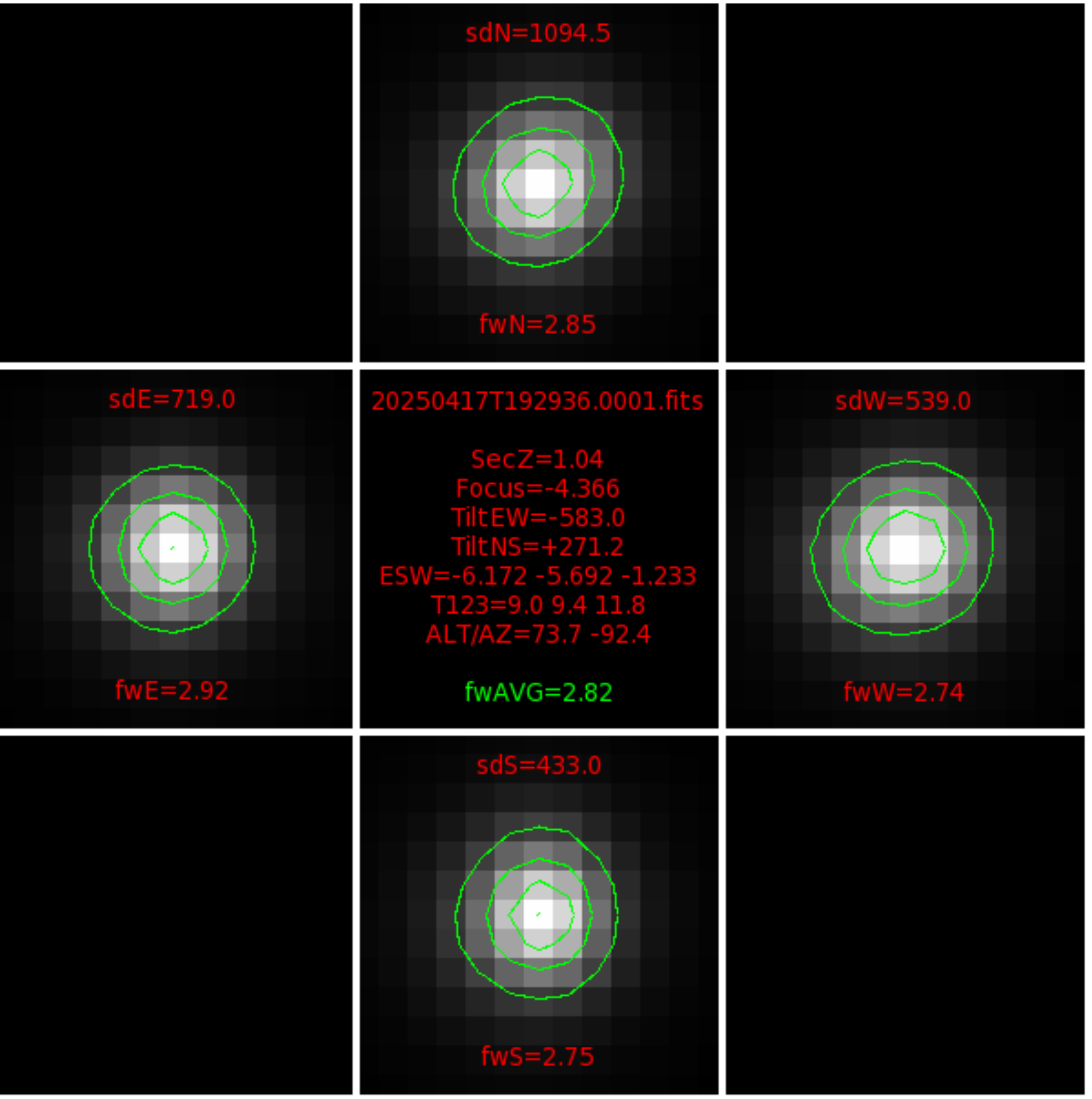
sdN=1094.5
fwN=2.85
sdE=719.0
fwE=2.92
20250417T192936.0001.fits
SecZ=1.04
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.4 11.8
ALT/AZ=73.7 -92.4
fwAVG=2.82
sdW=539.0
fwW=2.74
sdS=433.0
fwS=2.75
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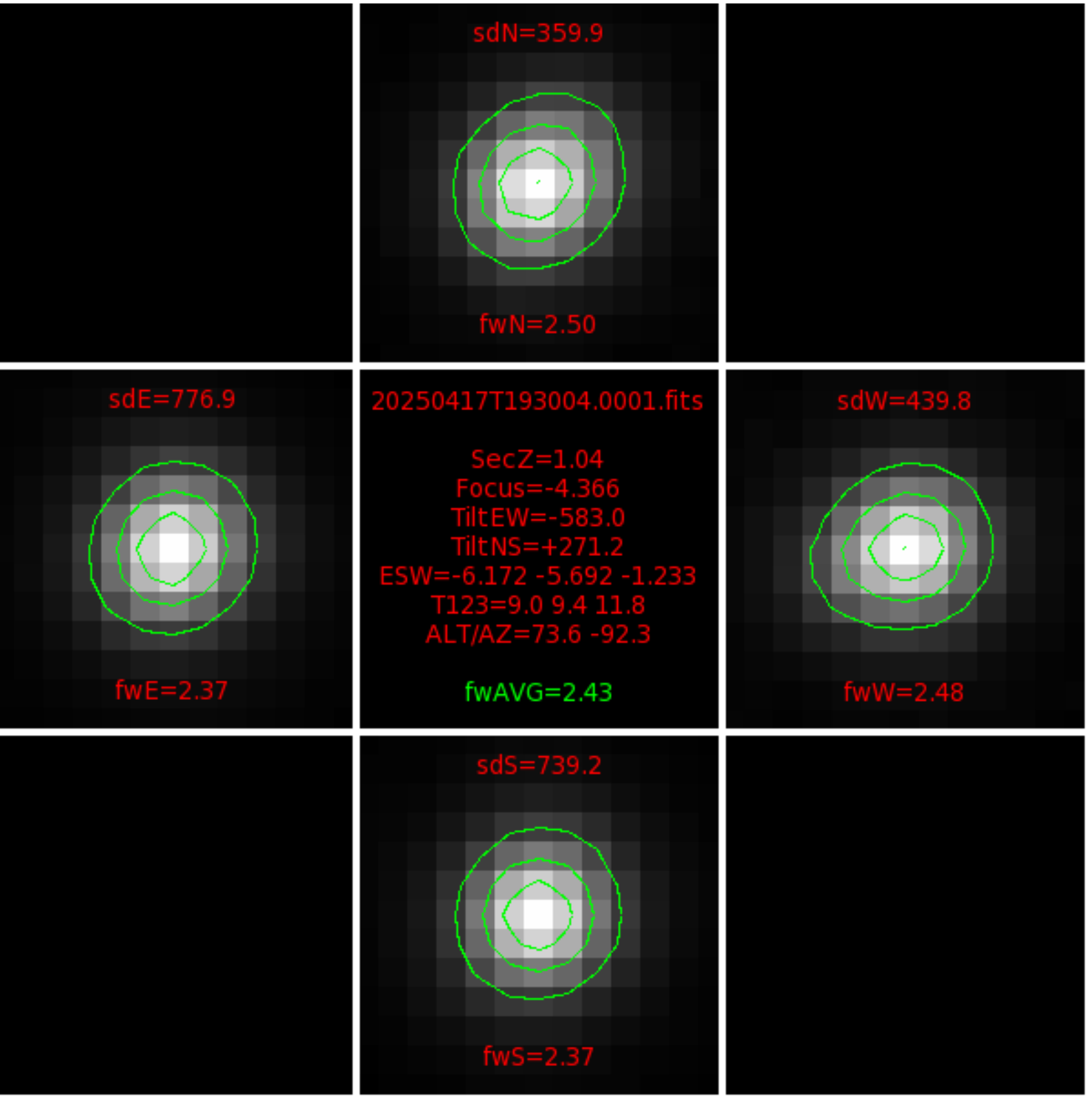
sdN=359.9
fwN=2.50
sdE=776.9
fwE=2.37
20250417T193004.0001.fits
SecZ=1.04
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.4 11.8
ALT/AZ=73.6 -92.3
fwAVG=2.43
sdW=439.8
fwW=2.48
sdS=739.2
fwS=2.37
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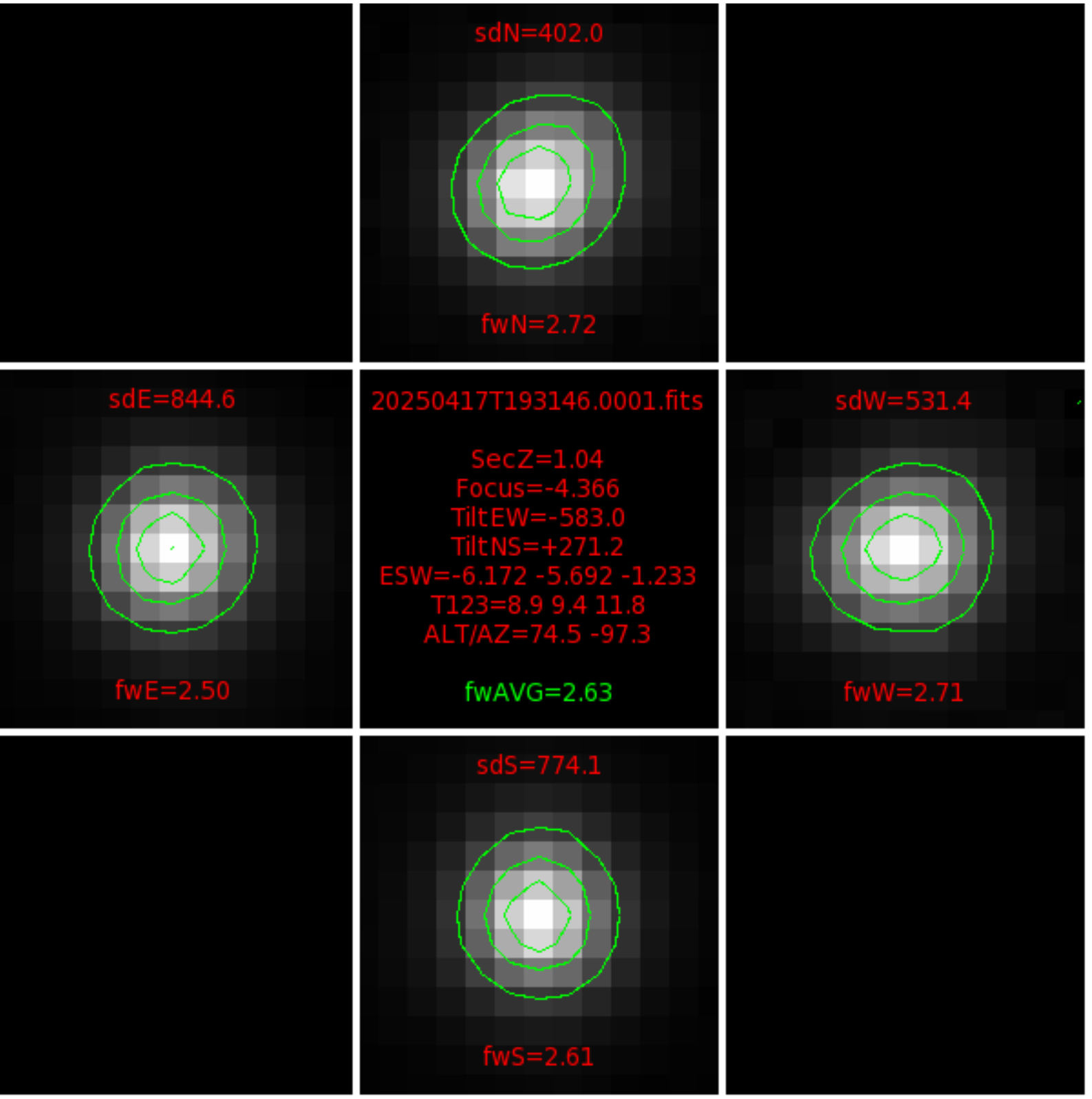
sdN=402.0
fwN=2.72
sdE=844.6
fwE=2.50
20250417T193146.0001.fits
SecZ=1.04
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=8.9 9.4 11.8
ALT/AZ=74.5 -97.3
fwAVG=2.63
sdW=531.4
fwW=2.71
sdS=774.1
fwS=2.61
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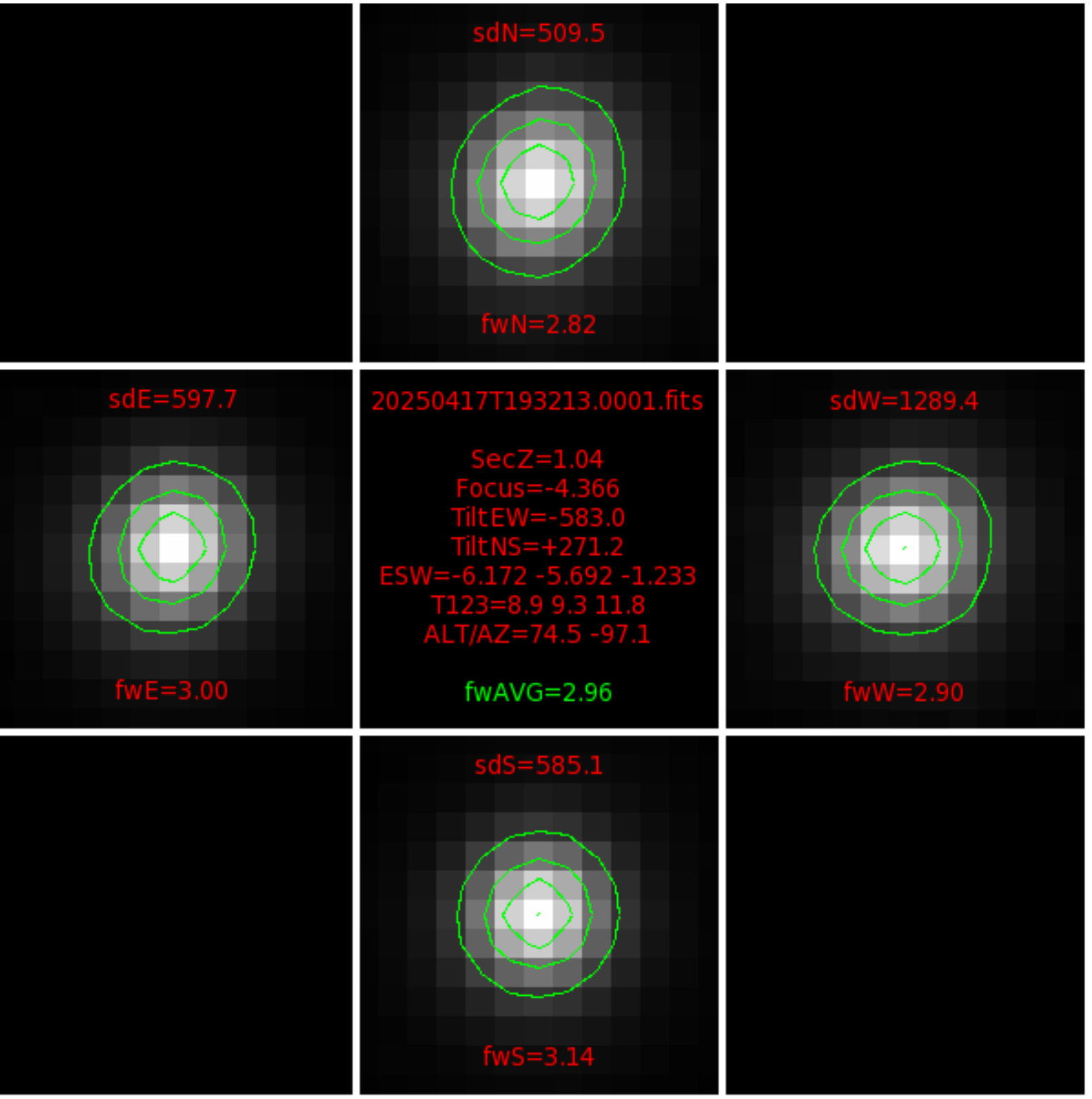
sdN=509.5
fwN=2.82
sdE=597.7
fwE=3.00
20250417T193213.0001.fits
SecZ=1.04
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=8.9 9.3 11.8
ALT/AZ=74.5 -97.1
fwAVG=2.96
sdW=1289.4
fwW=2.90
sdS=585.1
fwS=3.14
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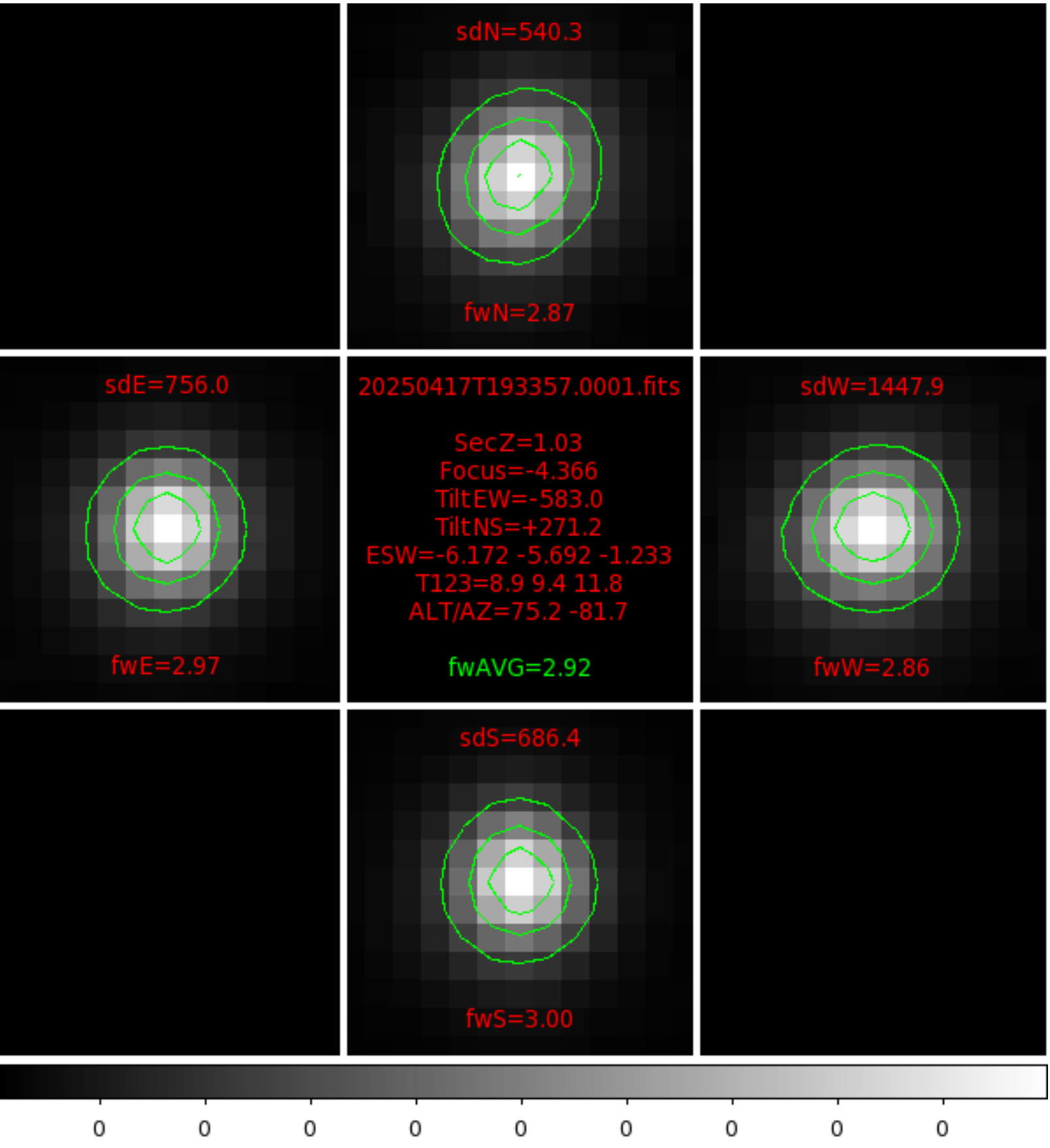
sdN=540.3
fwN=2.87
sdE=756.0
fwE=2.97
20250417T193357.0001.fits
SecZ=1.03
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=8.9 9.4 11.8
ALT/AZ=75.2 -81.7
fwAVG=2.92
sdW=1447.9
fwW=2.86
sdS=686.4
fwS=3.00
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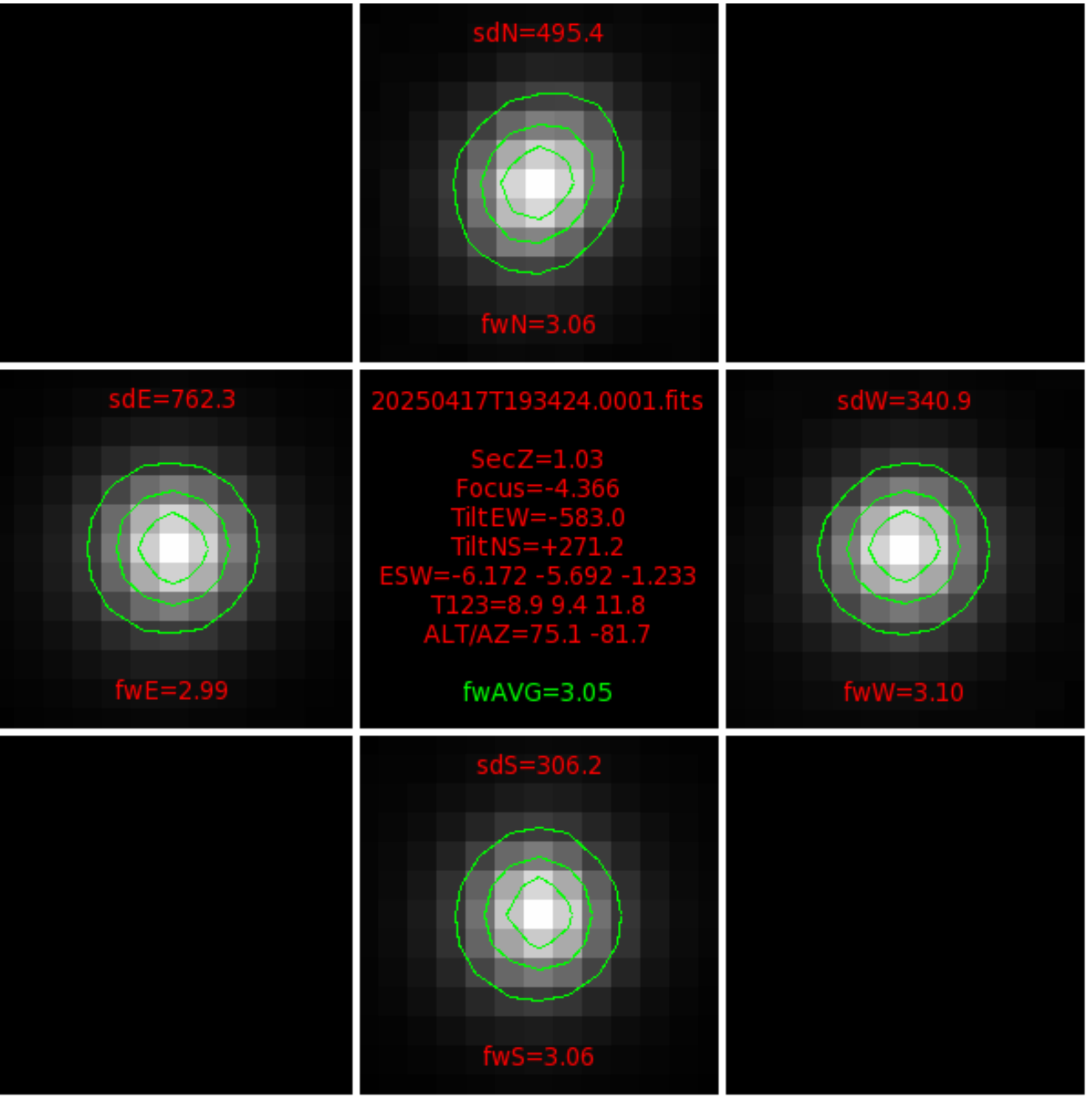
sdN=495.4
fwN=3.06
sdE=762.3
fwE=2.99
20250417T193424.0001.fits
SecZ=1.03
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=8.9 9.4 11.8
ALT/AZ=75.1 -81.7
fwAVG=3.05
sdW=340.9
fwW=3.10
sdS=306.2
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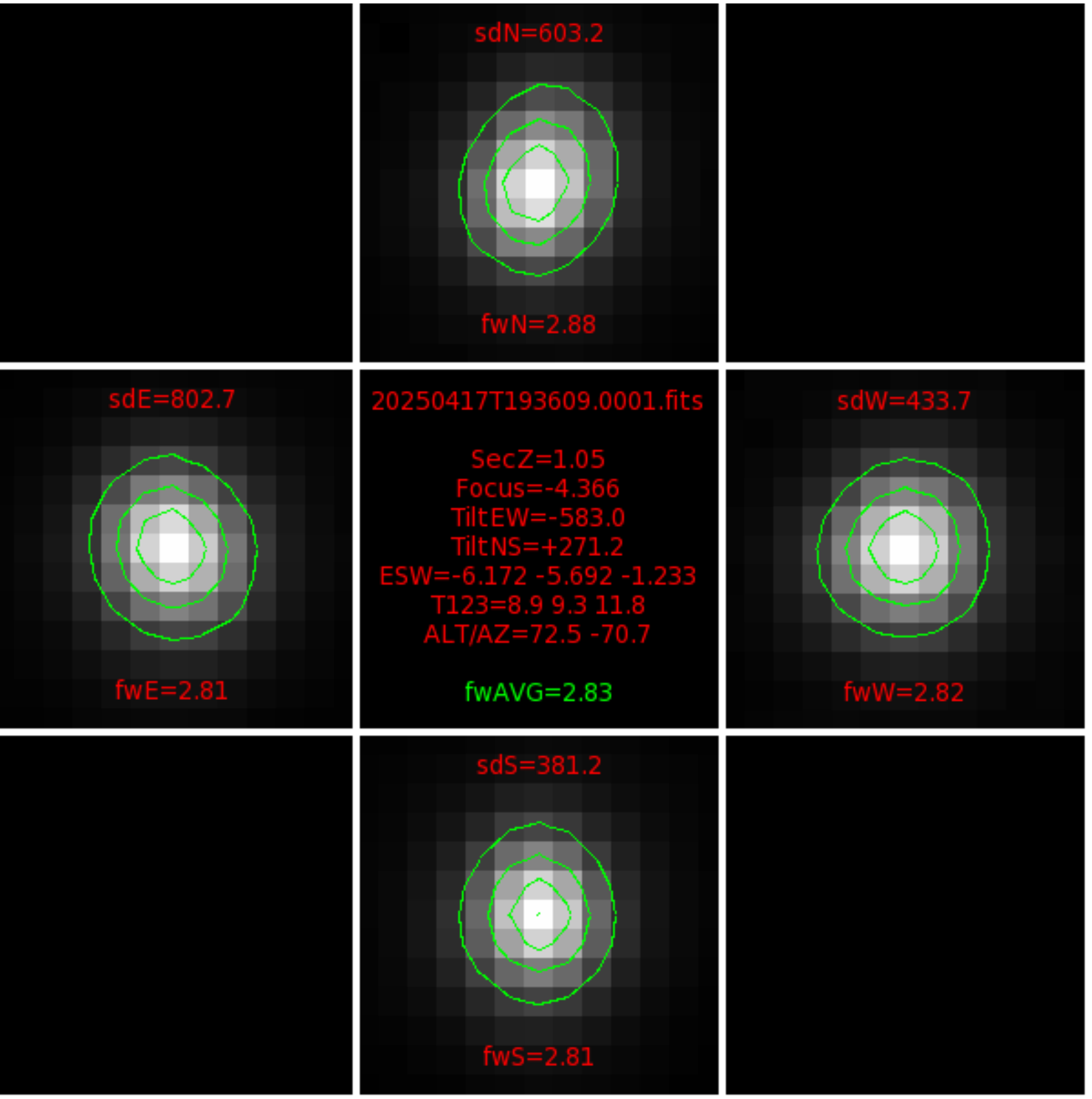
sdN=603.2
fwN=2.88
sdE=802.7
fwE=2.81
20250417T193609.0001.fits
SecZ=1.05
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=8.9 9.3 11.8
ALT/AZ=72.5 -70.7
fwAVG=2.83
sdW=433.7
fwW=2.82
sdS=381.2
fwS=2.81
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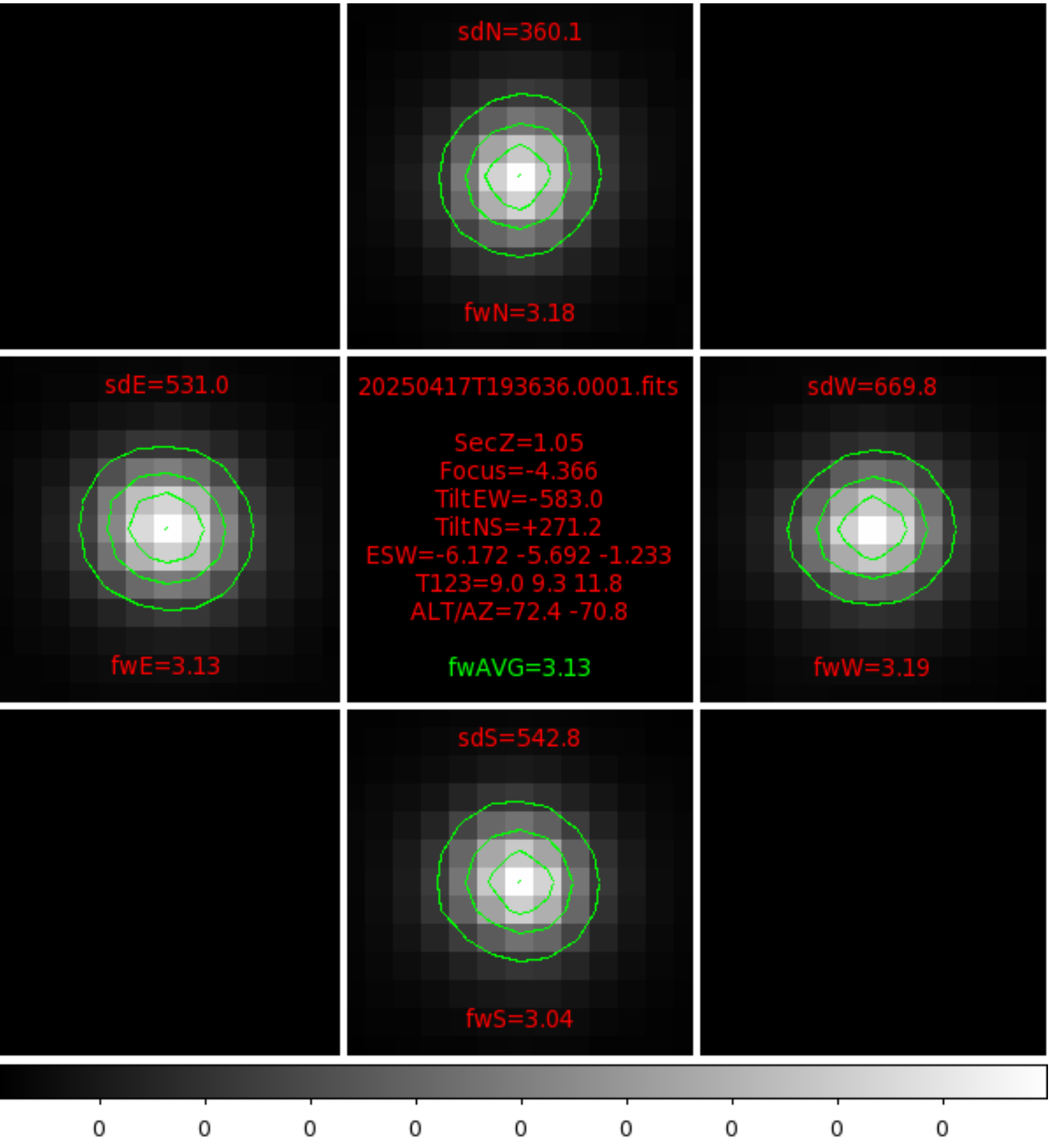
sdN=360.1
fwN=3.18
sdE=531.0
fwE=3.13
20250417T193636.0001.fits
SecZ=1.05
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=9.0 9.3 11.8
ALT/AZ=72.4 -70.8
fwAVG=3.13
sdW=669.8
fwW=3.19
sdS=542.8
fwS=3.04
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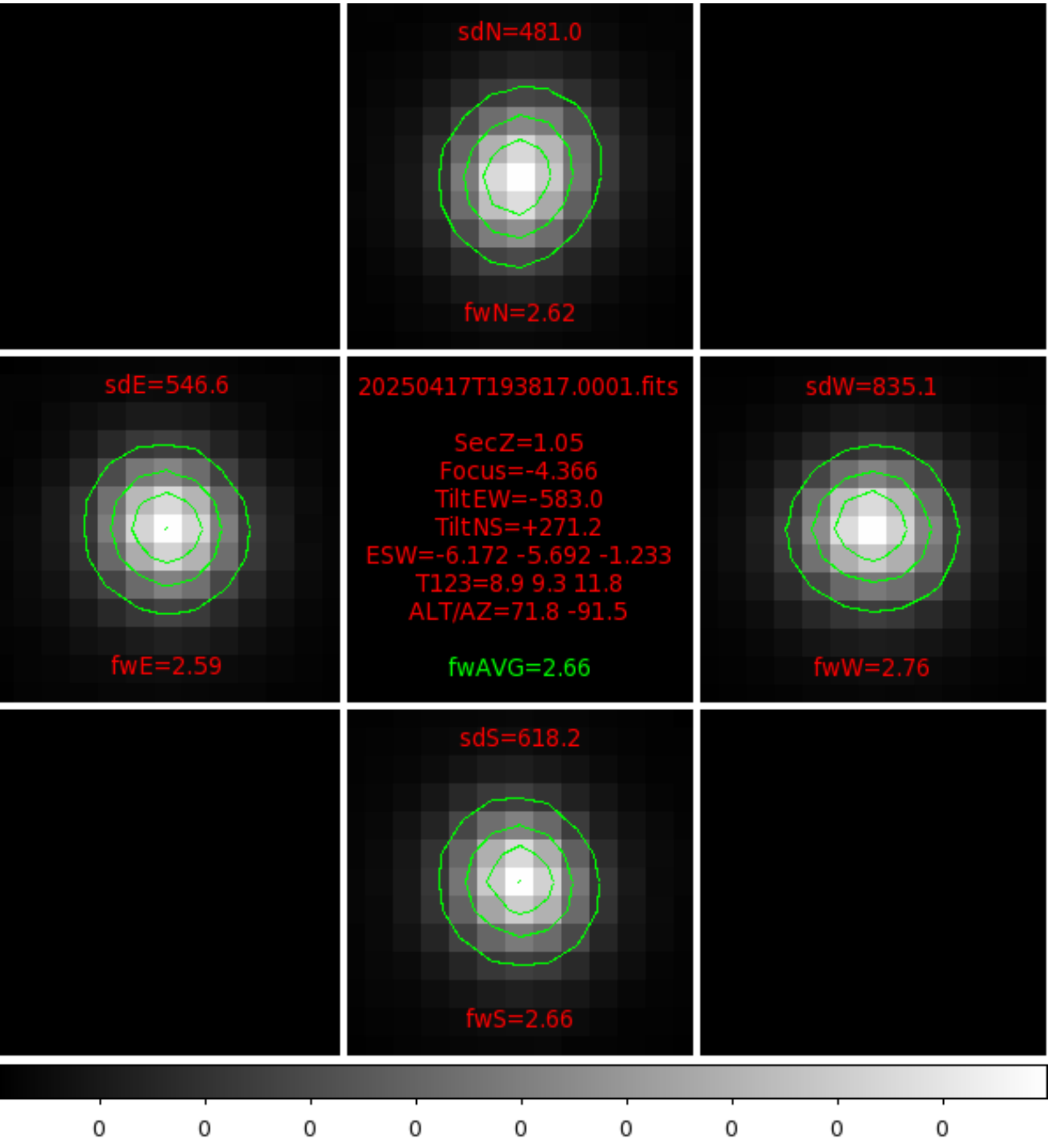
sdN=481.0
fwN=2.62
sdE=546.6
fwE=2.59
20250417T193817.0001.fits
SecZ=1.05
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=8.9 9.3 11.8
ALT/AZ=71.8 -91.5
fwAVG=2.66
sdW=835.1
fwW=2.76
sdS=618.2
fwS=2.66
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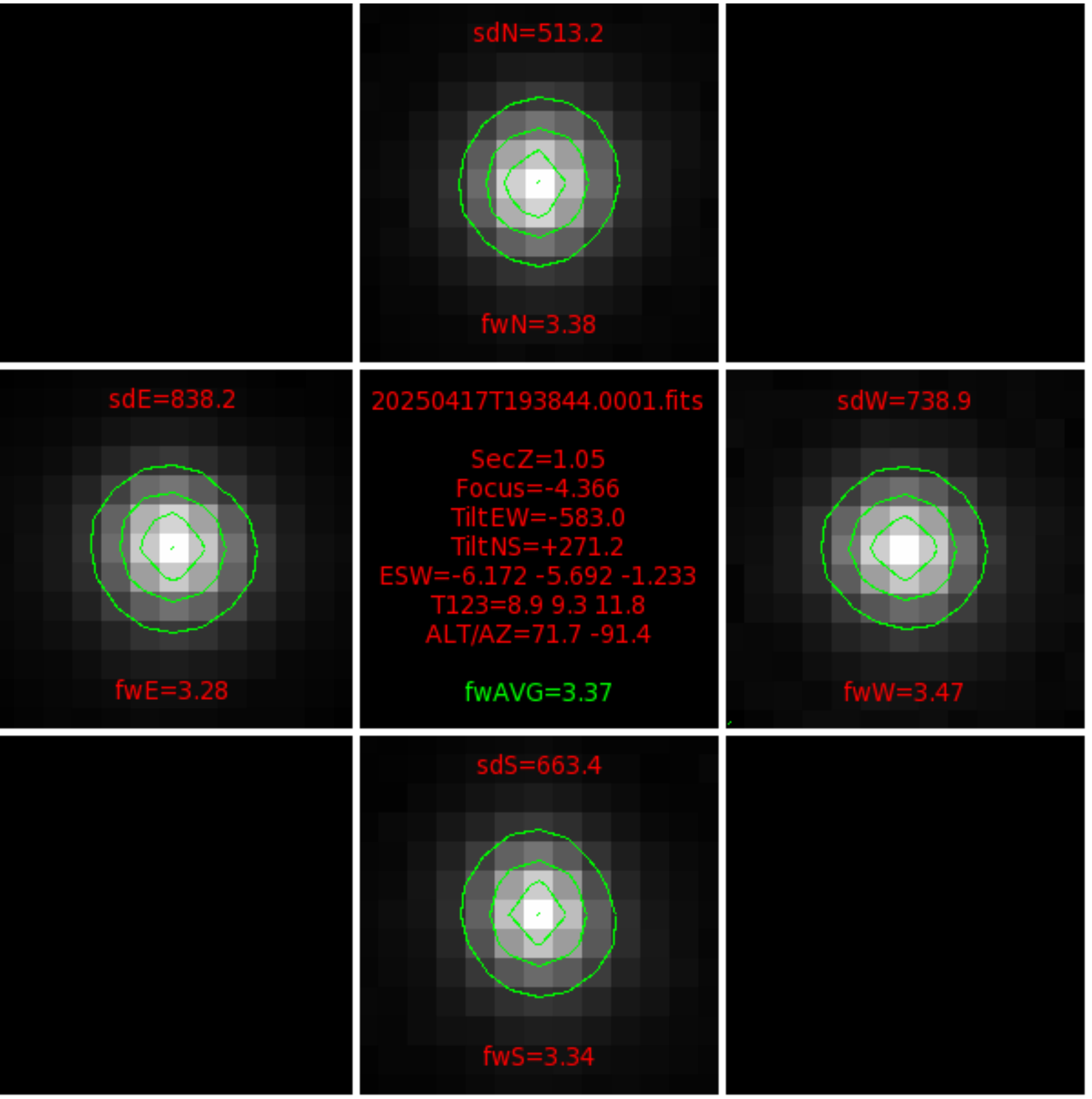
sdN=513.2
fwN=3.38
sdE=838.2
fwE=3.28
20250417T193844.0001.fits
SecZ=1.05
Focus=-4.366
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.172 -5.692 -1.233
T123=8.9 9.3 11.8
ALT/AZ=71.7 -91.4
fwAVG=3.37
sdW=738.9
fwW=3.47
sdS=663.4
fwS=3.34
0 0 0 0 0 0 0 0 0