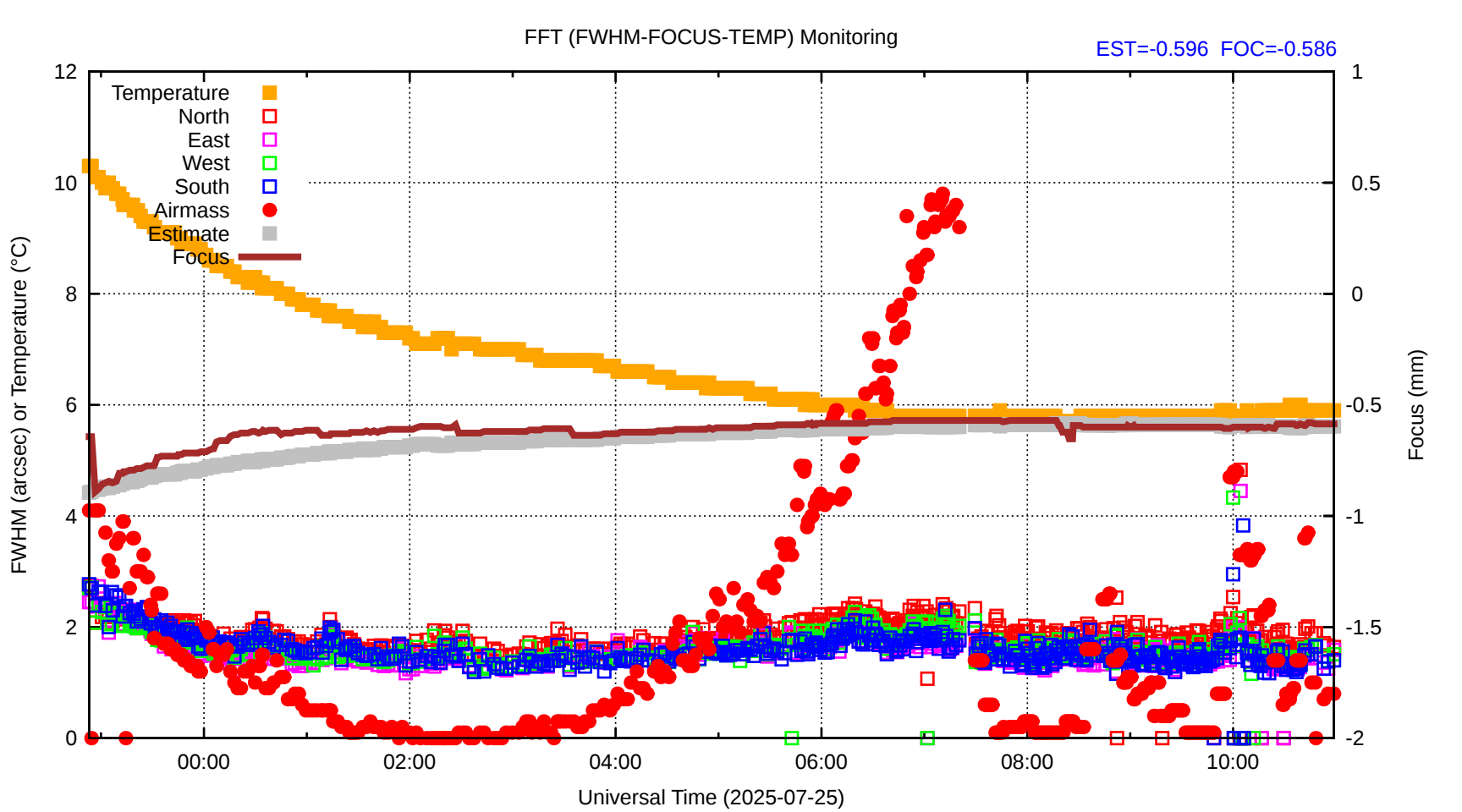
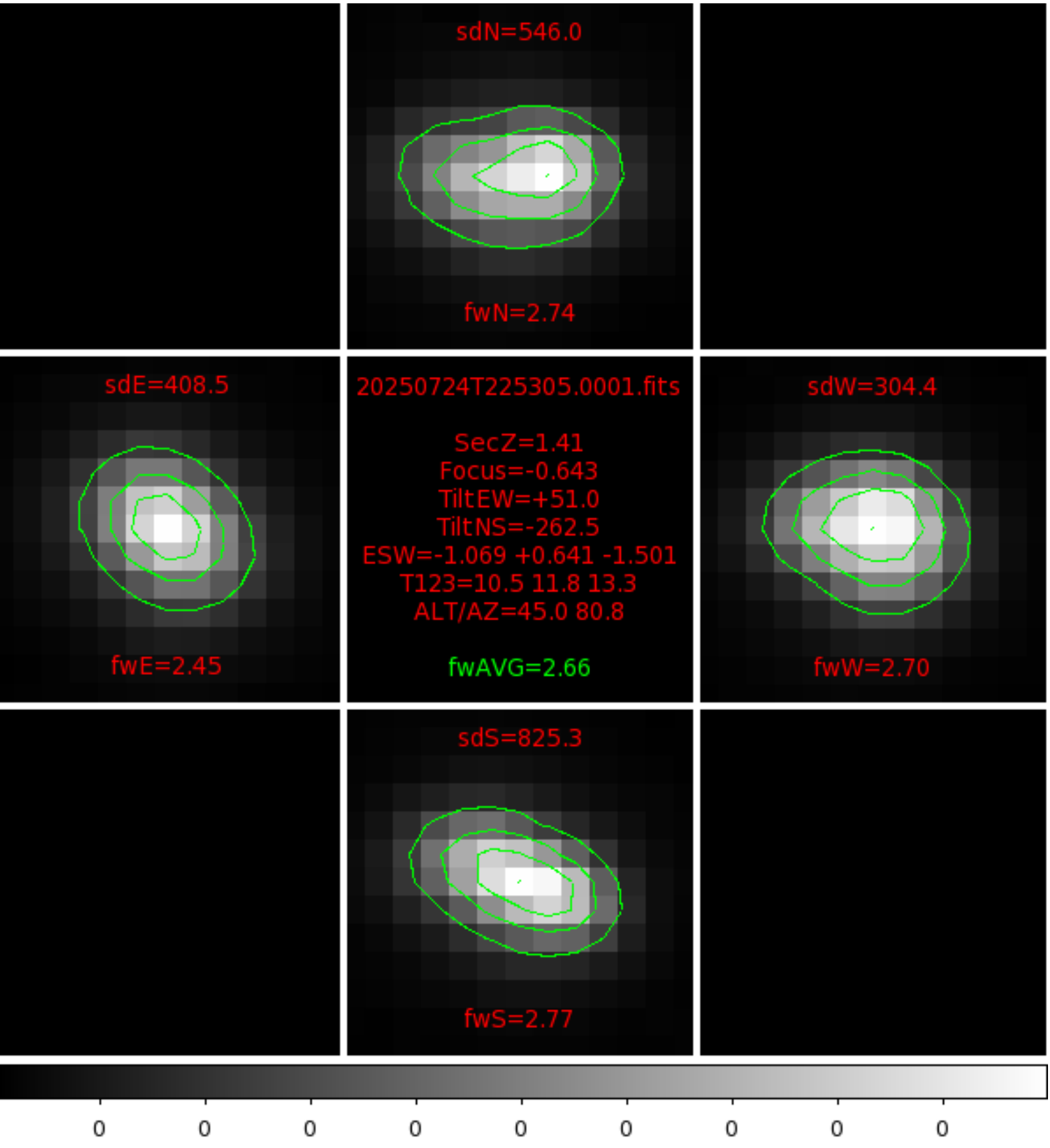

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-0.596 FOC=-0.586
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2025-07-25)
00:00
02:00
04:00
06:00
08:00
10:00
0
2
4
6
8
10
12
-2
-1.5
-1
-0.5
0
0.5
1


sdN=546.0
fwN=2.74
sdE=408.5
fwE=2.45
20250724T225305.0001.fits
SecZ=1.41
Focus=-0.643
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.069 +0.641 -1.501
T123=10.5 11.8 13.3
ALT/AZ=45.0 80.8
fwAVG=2.66
sdW=304.4
fwW=2.70
sdS=825.3
fwS=2.77
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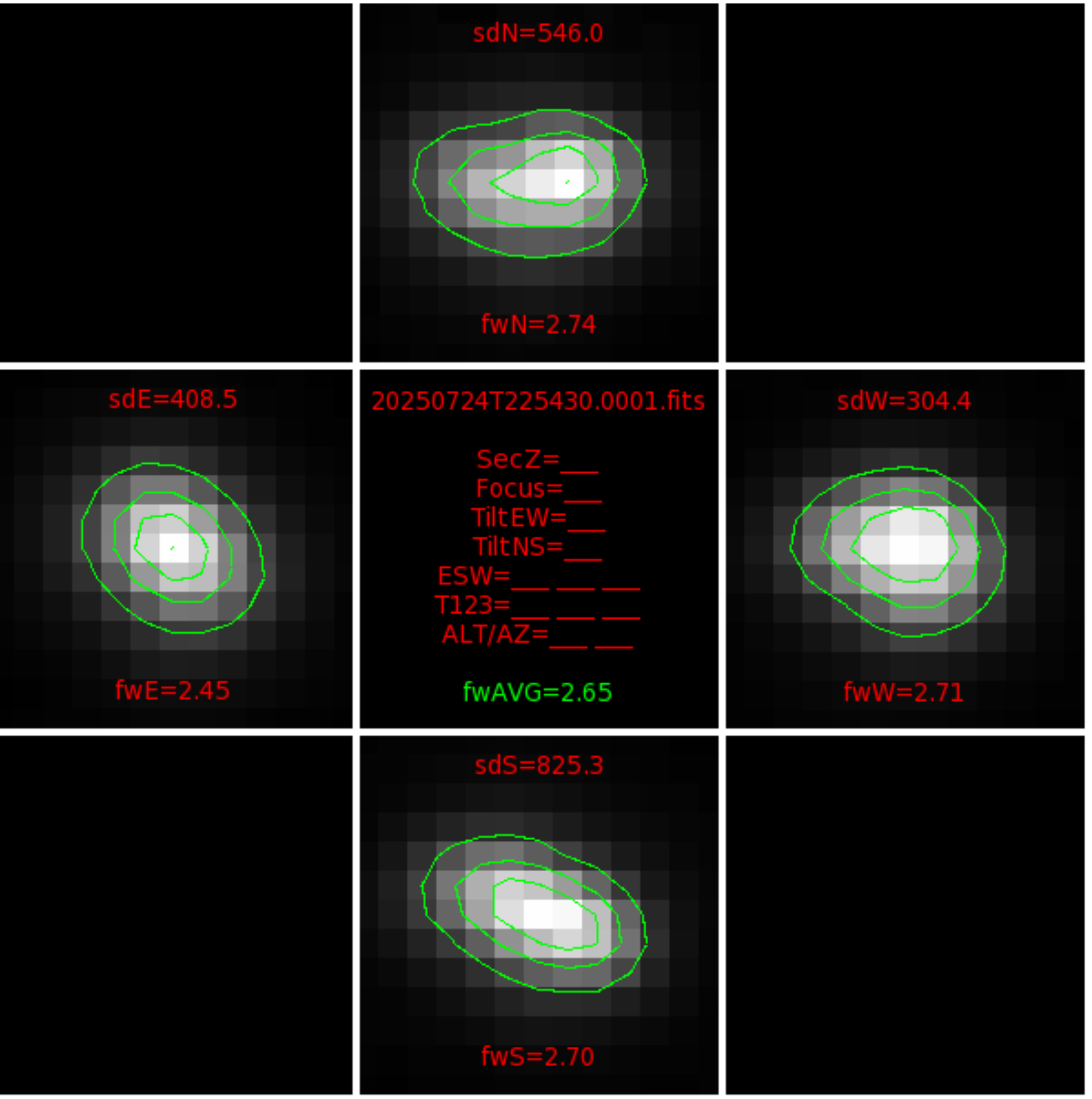
sdN=546.0
fwN=2.74
sdE=408.5
fwE=2.45
20250724T225430.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=2.65
sdW=304.4
fwW=2.71
sdS=825.3
fwS=2.70
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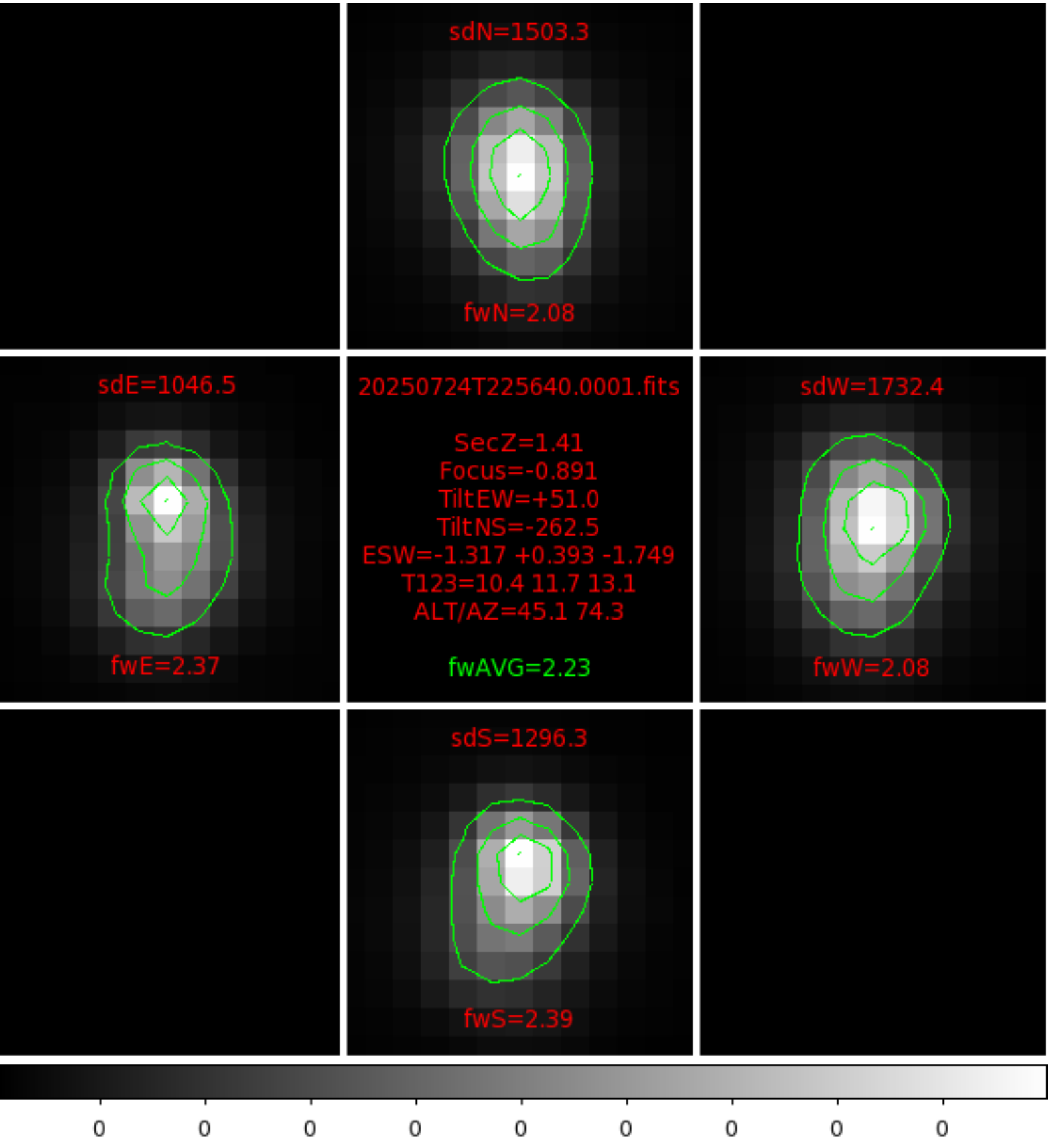
sdN=1503.3
fwN=2.08
sdE=1046.5
fwE=2.37
20250724T225640.0001.fits
SecZ=1.41
Focus=-0.891
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.317 +0.393 -1.749
T123=10.4 11.7 13.1
ALT/AZ=45.1 74.3
fwAVG=2.23
sdW=1732.4
fwW=2.08
sdS=1296.3
fwS=2.39
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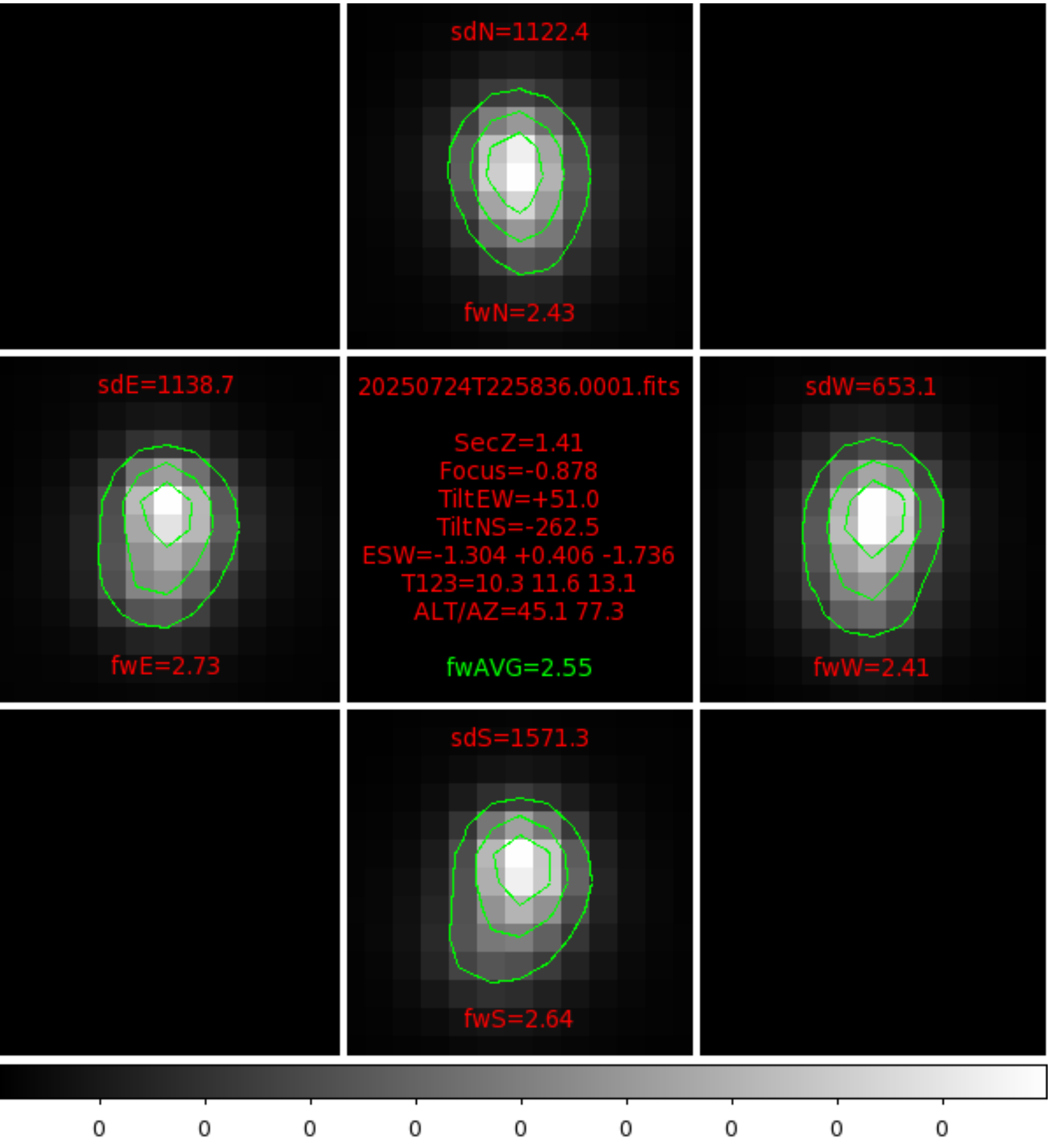
sdN=1122.4
fwN=2.43
sdE=1138.7
fwE=2.73
20250724T225836.0001.fits
SecZ=1.41
Focus=-0.878
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.304 +0.406 -1.736
T123=10.3 11.6 13.1
ALT/AZ=45.1 77.3
fwAVG=2.55
sdW=653.1
fwW=2.41
sdS=1571.3
fwS=2.64
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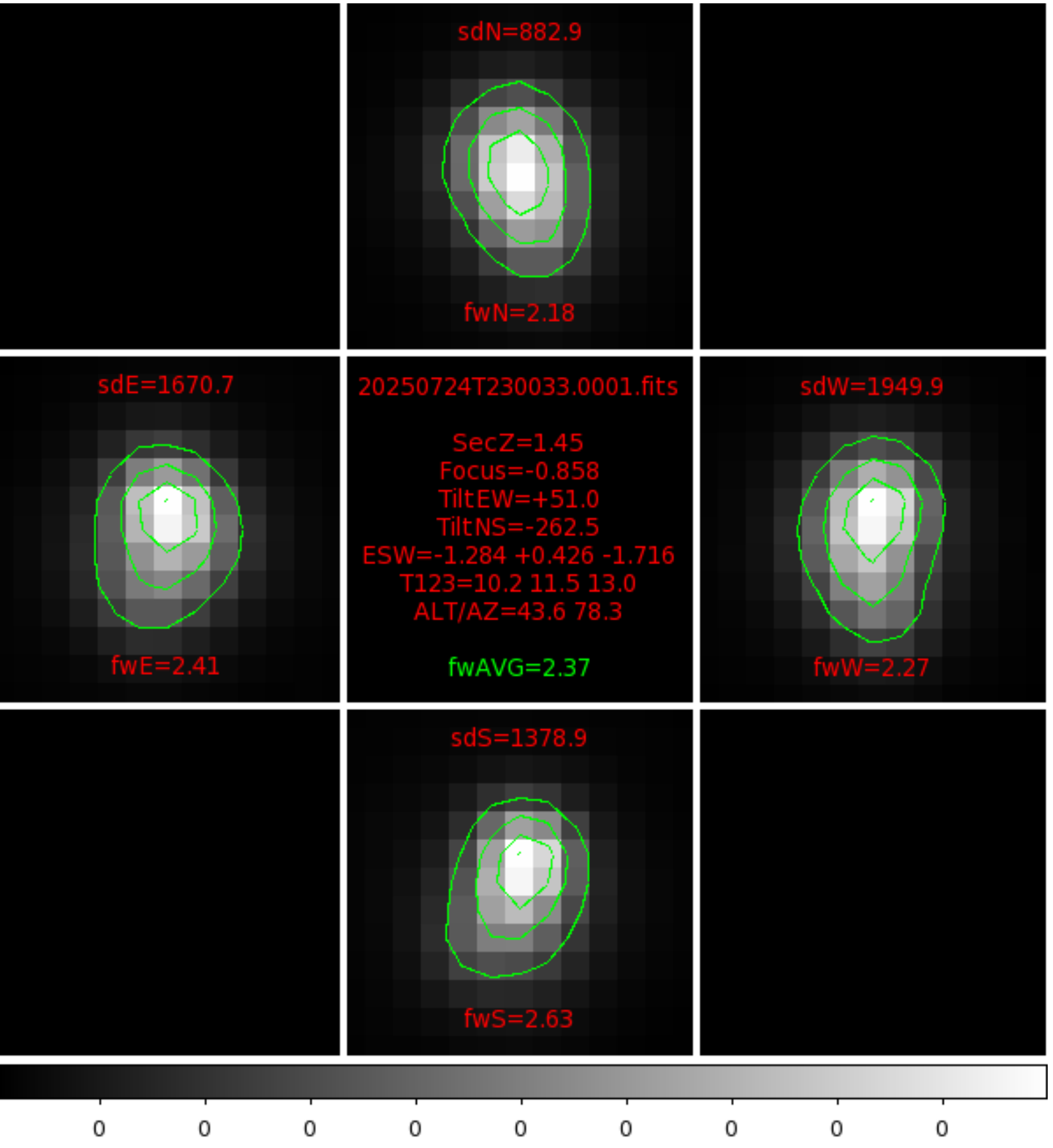
sdN=882.9
fwN=2.18
sdE=1670.7
fwE=2.41
20250724T230033.0001.fits
SecZ=1.45
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=10.2 11.5 13.0
ALT/AZ=43.6 78.3
fwAVG=2.37
sdW=1949.9
fwW=2.27
sdS=1378.9
fwS=2.63
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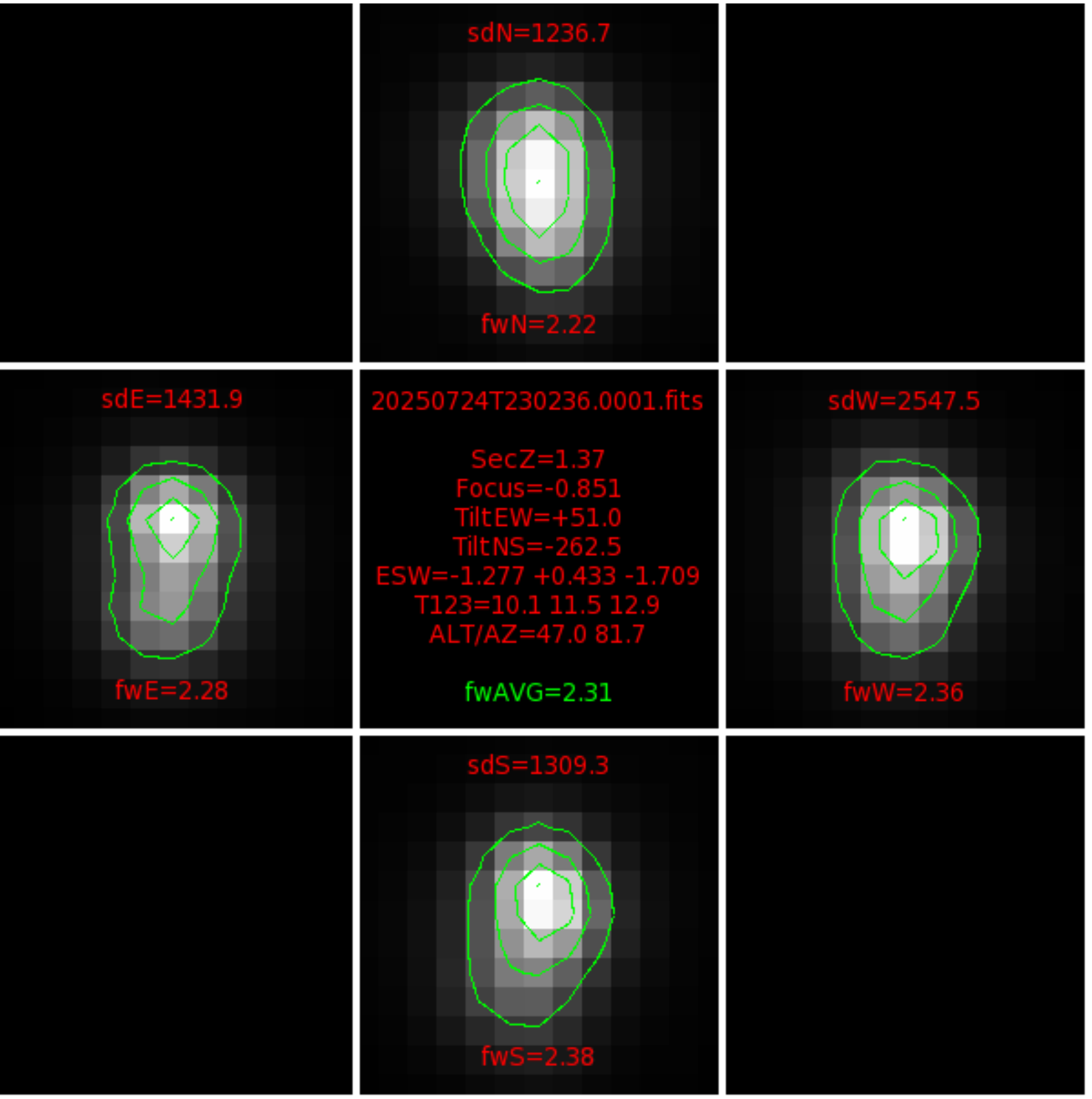
sdN=1236.7
fwN=2.22
sdE=1431.9
fwE=2.28
20250724T230236.0001.fits
SecZ=1.37
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=10.1 11.5 12.9
ALT/AZ=47.0 81.7
fwAVG=2.31
sdW=2547.5
fwW=2.36
sdS=1309.3
fwS=2.38
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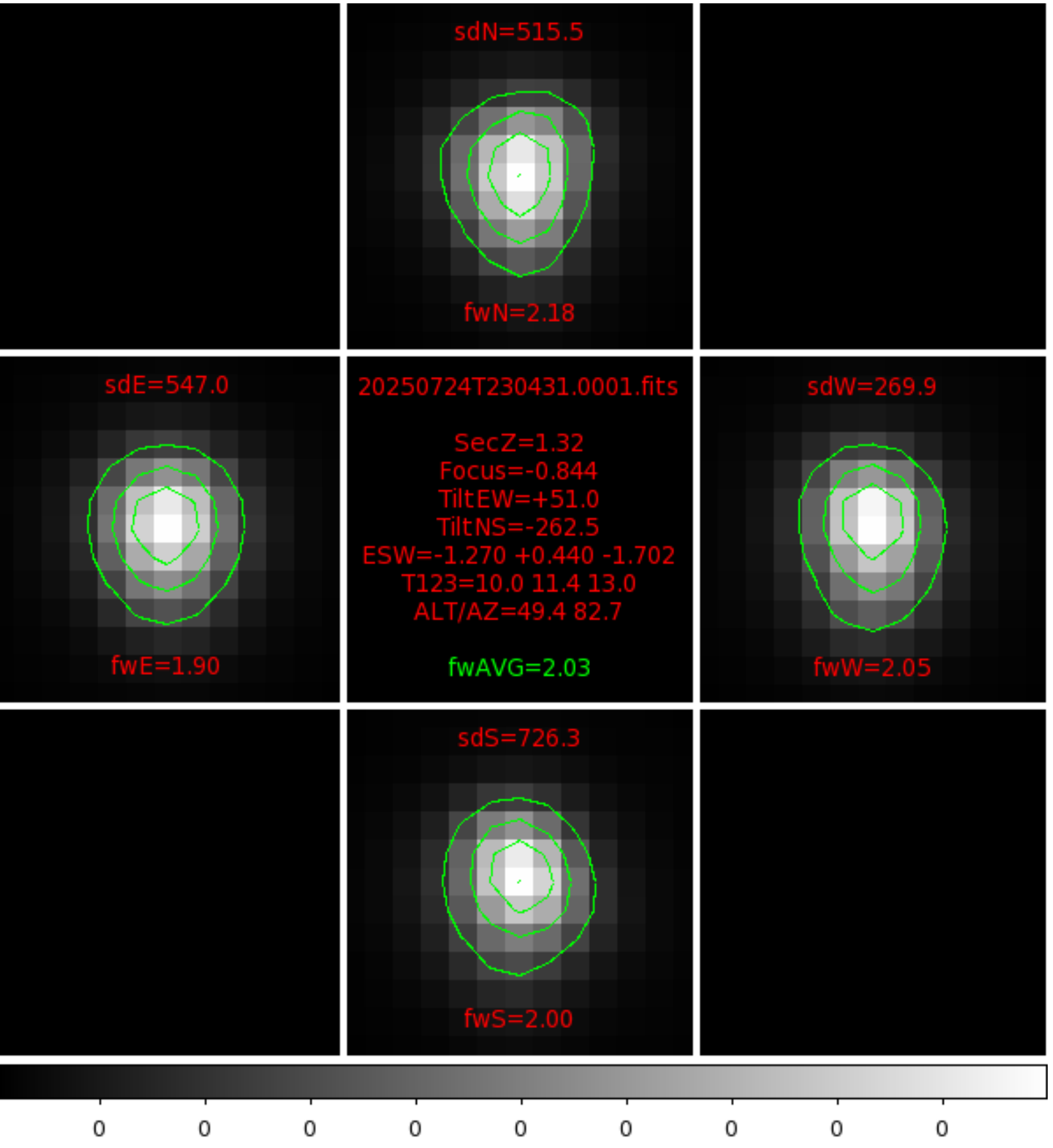
sdN=515.5
fwN=2.18
sdE=547.0
fwE=1.90
20250724T230431.0001.fits
SecZ=1.32
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=10.0 11.4 13.0
ALT/AZ=49.4 82.7
fwAVG=2.03
sdW=269.9
fwW=2.05
sdS=726.3
fwS=2.00
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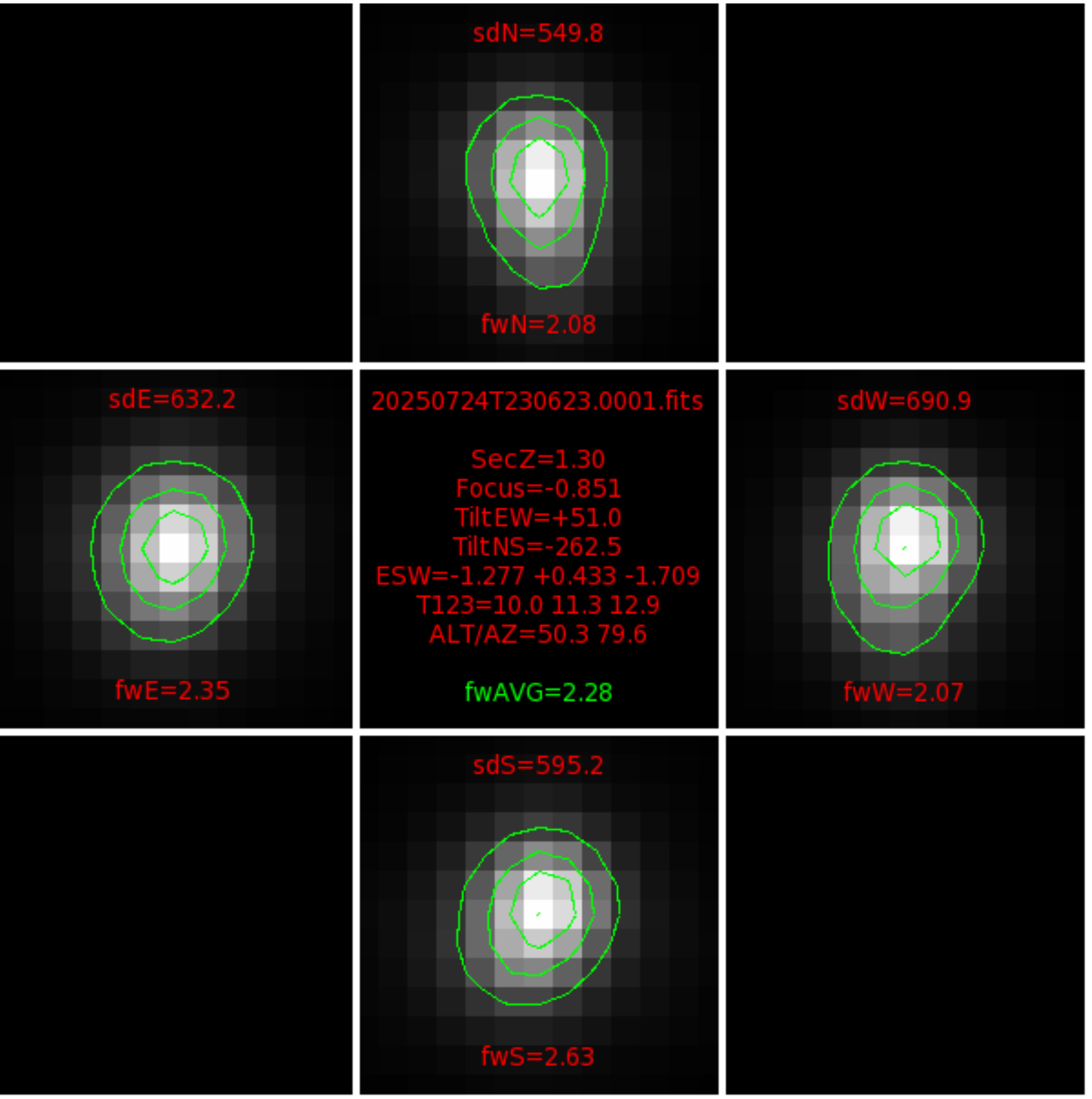
sdN=549.8
fwN=2.08
sdE=632.2
fwE=2.35
20250724T230623.0001.fits
SecZ=1.30
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=10.0 11.3 12.9
ALT/AZ=50.3 79.6
fwAVG=2.28
sdW=690.9
fwW=2.07
sdS=595.2
fwS=2.63
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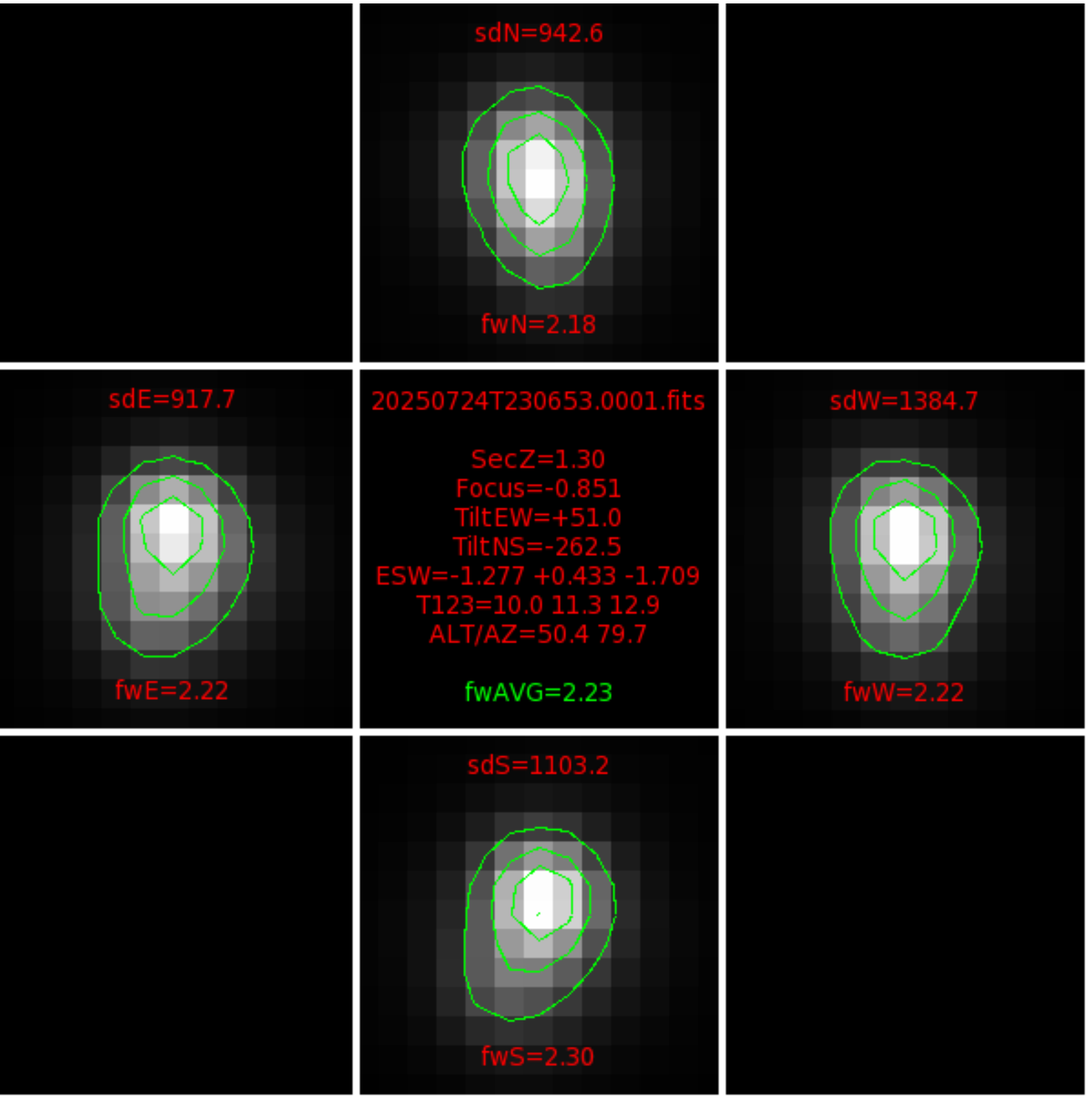
sdN=942.6
fwN=2.18
sdE=917.7
fwE=2.22
20250724T230653.0001.fits
SecZ=1.30
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=10.0 11.3 12.9
ALT/AZ=50.4 79.7
fwAVG=2.23
sdW=1384.7
fwW=2.22
sdS=1103.2
fwS=2.30
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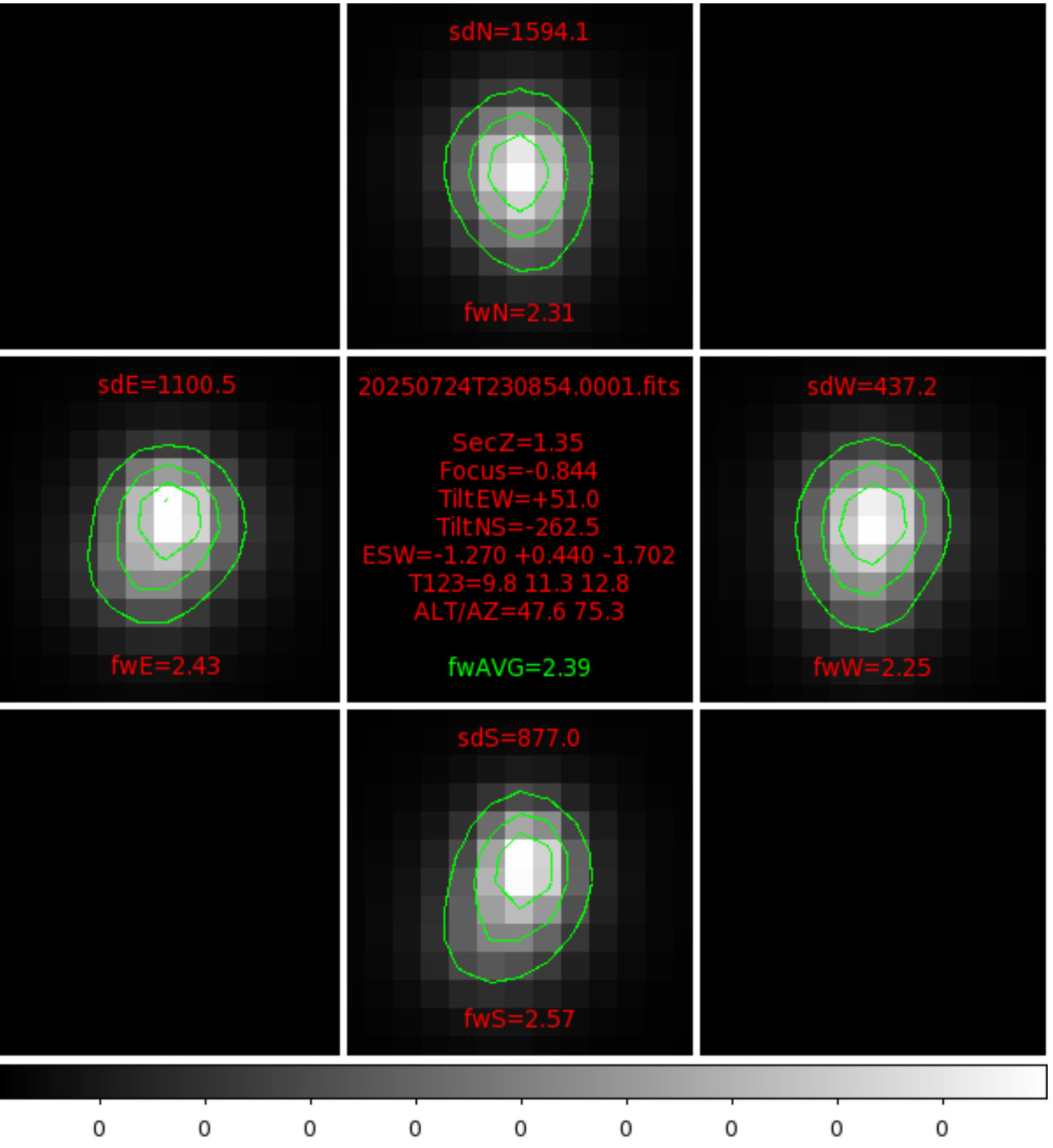
sdN=1594.1
fwN=2.31
sdE=1100.5
fwE=2.43
20250724T230854.0001.fits
SecZ=1.35
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=9.8 11.3 12.8
ALT/AZ=47.6 75.3
fwAVG=2.39
sdW=437.2
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sdS=877.0
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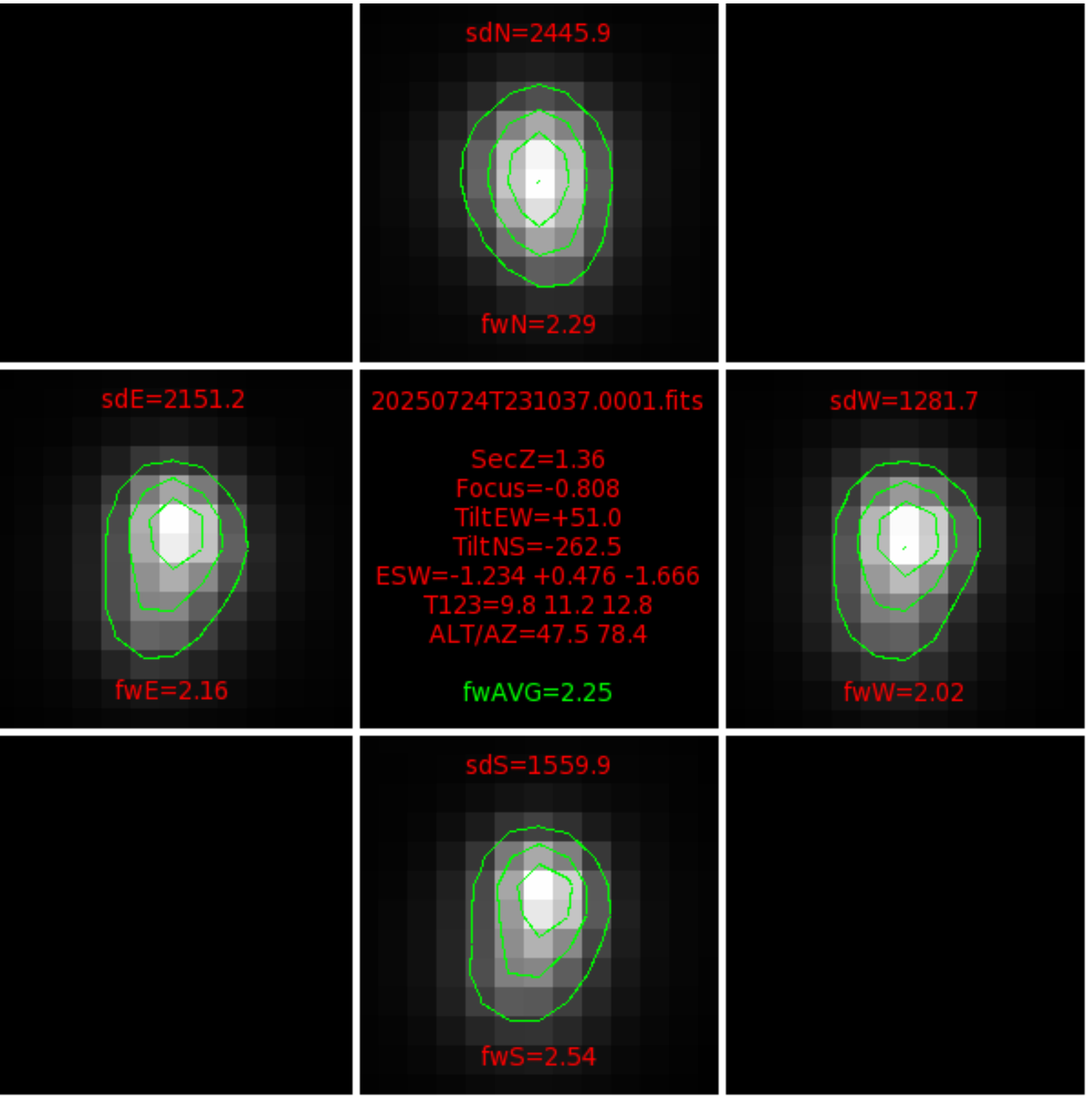
sdN=2445.9
fwN=2.29
sdE=2151.2
fwE=2.16
20250724T231037.0001.fits
SecZ=1.36
Focus=-0.808
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.234 +0.476 -1.666
T123=9.8 11.2 12.8
ALT/AZ=47.5 78.4
fwAVG=2.25
sdW=1281.7
fwW=2.02
sdS=1559.9
fwS=2.54
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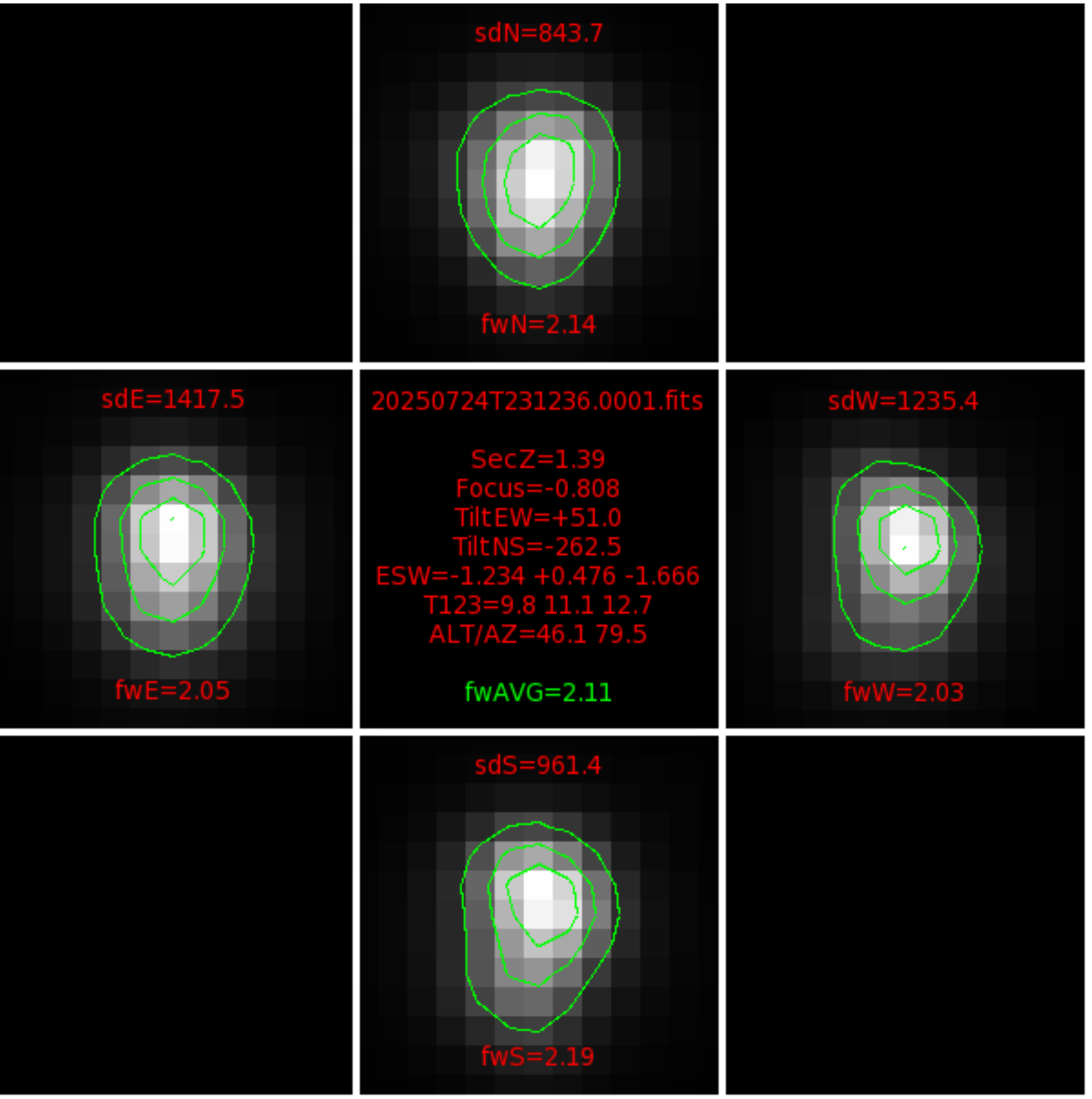
sdN=843.7
fwN=2.14
sdE=1417.5
fwE=2.05
20250724T231236.0001.fits
SecZ=1.39
Focus=-0.808
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.234 +0.476 -1.666
T123=9.8 11.1 12.7
ALT/AZ=46.1 79.5
fwAVG=2.11
sdW=1235.4
fwW=2.03
sdS=961.4
fwS=2.19
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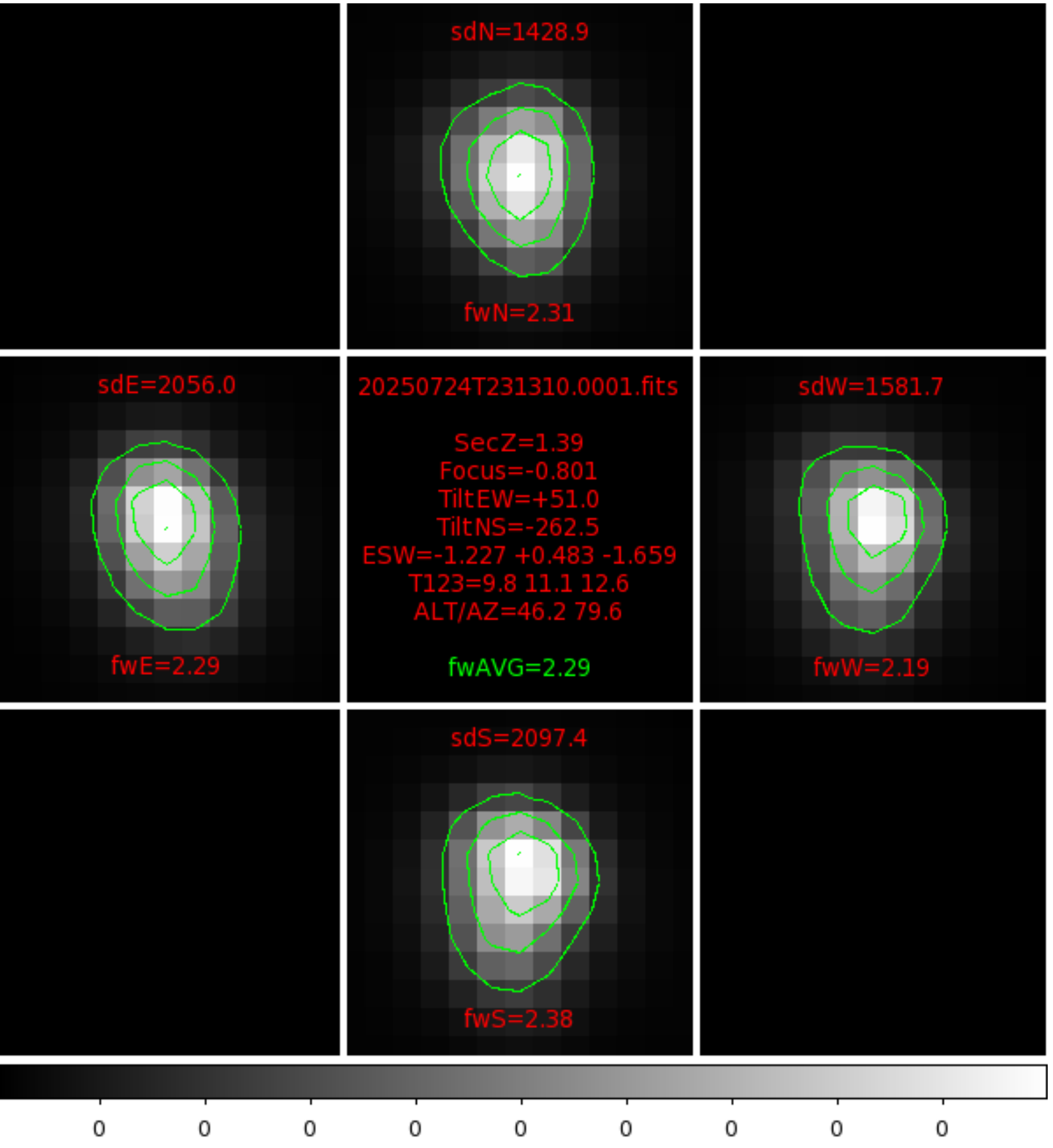
sdN=1428.9
fwN=2.31
sdE=2056.0
fwE=2.29
20250724T231310.0001.fits
SecZ=1.39
Focus=-0.801
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.227 +0.483 -1.659
T123=9.8 11.1 12.6
ALT/AZ=46.2 79.6
fwAVG=2.29
sdW=1581.7
fwW=2.19
sdS=2097.4
fwS=2.38
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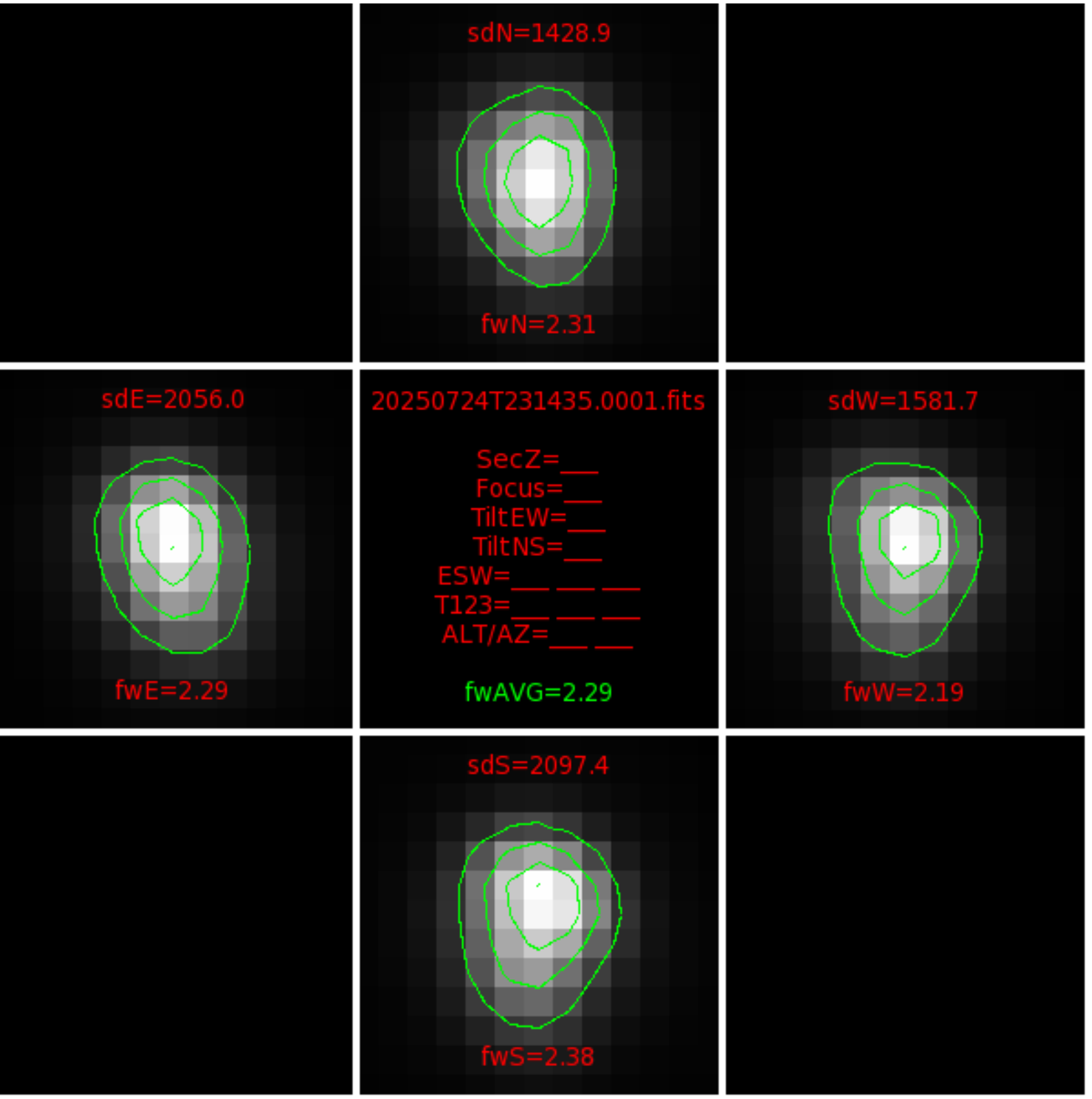
sdN=1428.9
fwN=2.31
sdE=2056.0
fwE=2.29
20250724T231435.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=2.29
sdW=1581.7
fwW=2.19
sdS=2097.4
fwS=2.38
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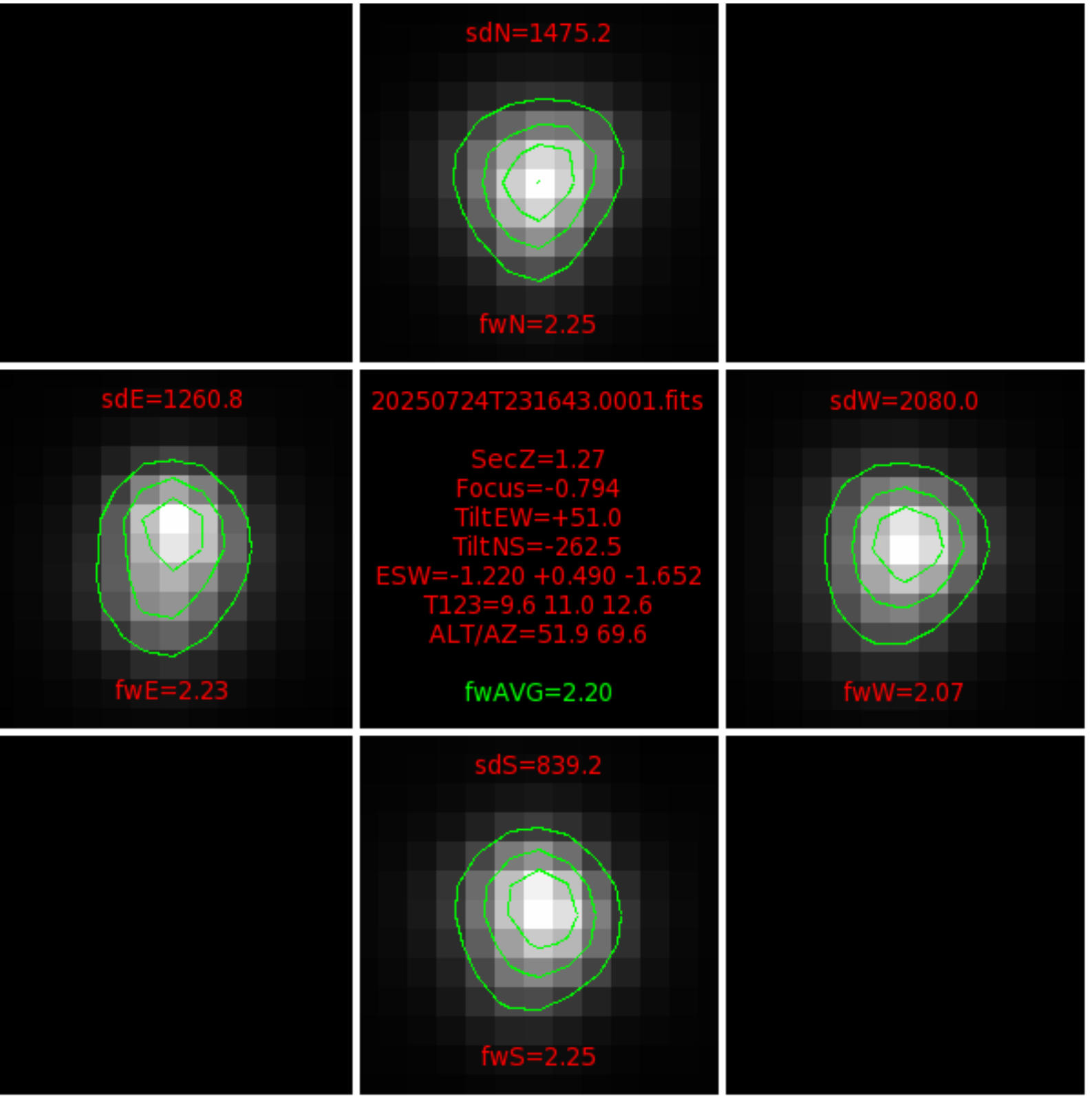
sdN=1475.2
fwN=2.25
sdE=1260.8
fwE=2.23
20250724T231643.0001.fits
SecZ=1.27
Focus=-0.794
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.220 +0.490 -1.652
T123=9.6 11.0 12.6
ALT/AZ=51.9 69.6
fwAVG=2.20
sdW=2080.0
fwW=2.07
sdS=839.2
fwS=2.25
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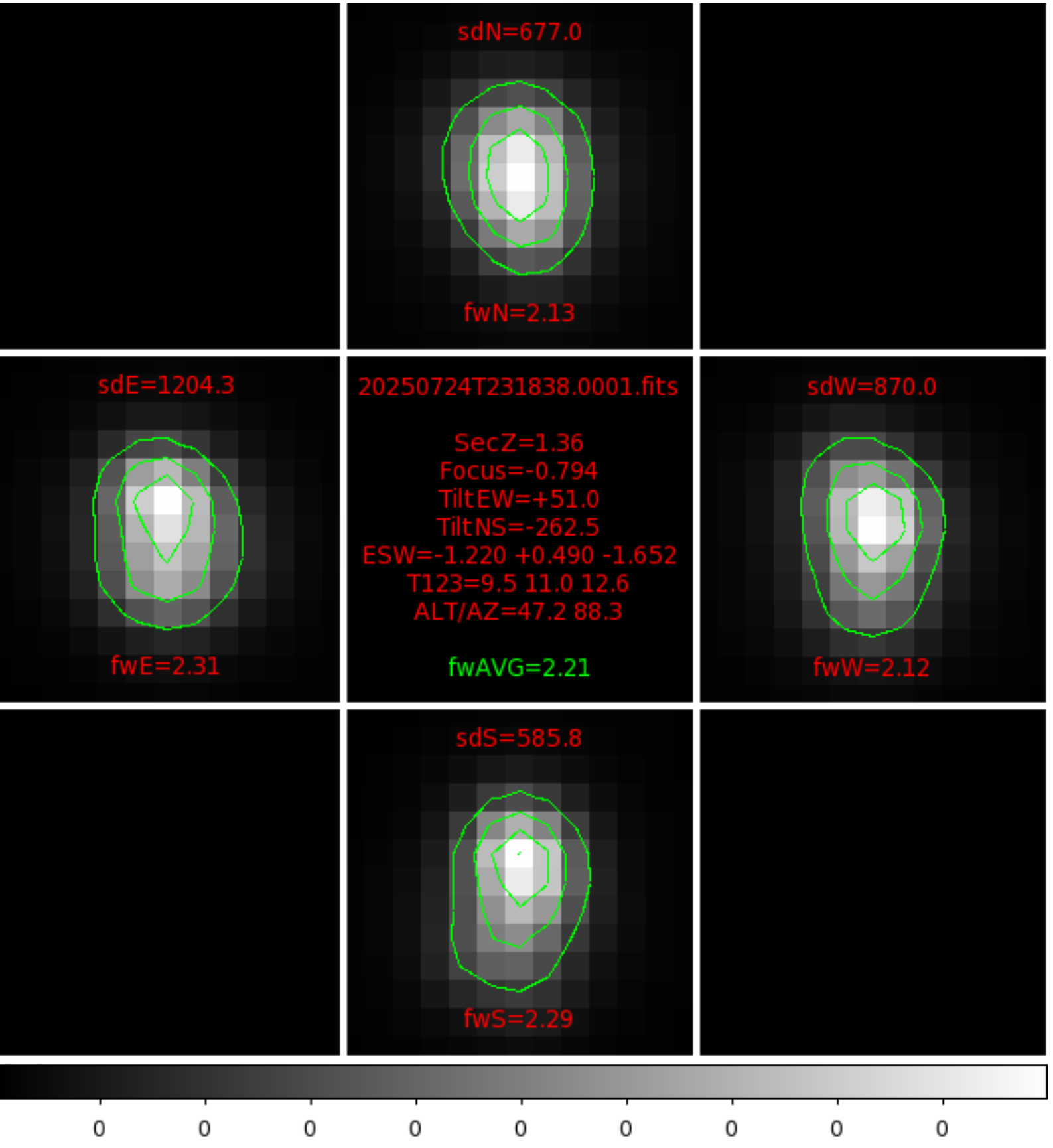
sdN=677.0
fwN=2.13
sdE=1204.3
fwE=2.31
20250724T231838.0001.fits
SecZ=1.36
Focus=-0.794
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.220 +0.490 -1.652
T123=9.5 11.0 12.6
ALT/AZ=47.2 88.3
fwAVG=2.21
sdW=870.0
fwW=2.12
sdS=585.8
fwS=2.29
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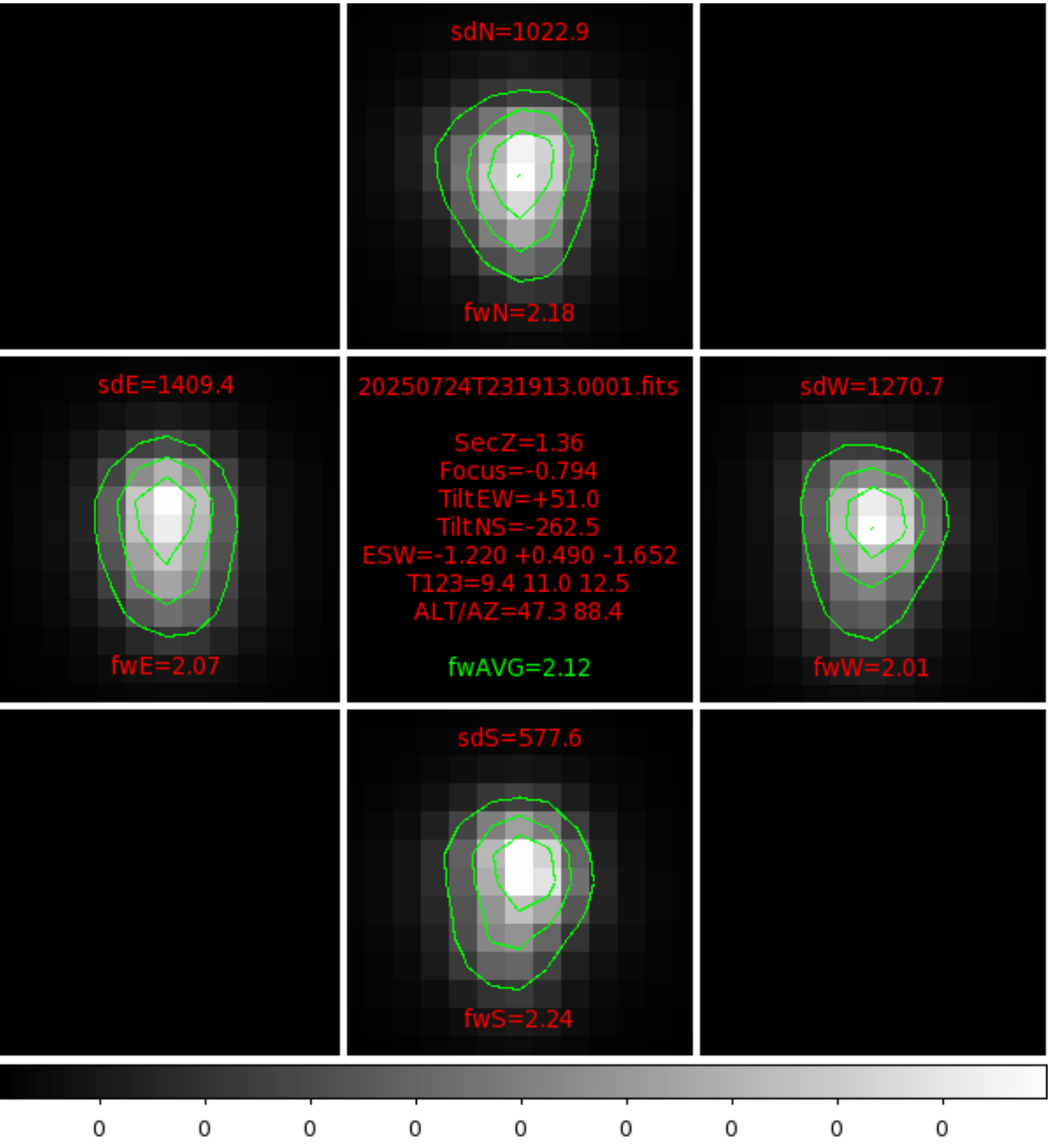
sdN=1022.9
fwN=2.18
sdE=1409.4
fwE=2.07
20250724T231913.0001.fits
SecZ=1.36
Focus=-0.794
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.220 +0.490 -1.652
T123=9.4 11.0 12.5
ALT/AZ=47.3 88.4
fwAVG=2.12
sdW=1270.7
fwW=2.01
sdS=577.6
fwS=2.24
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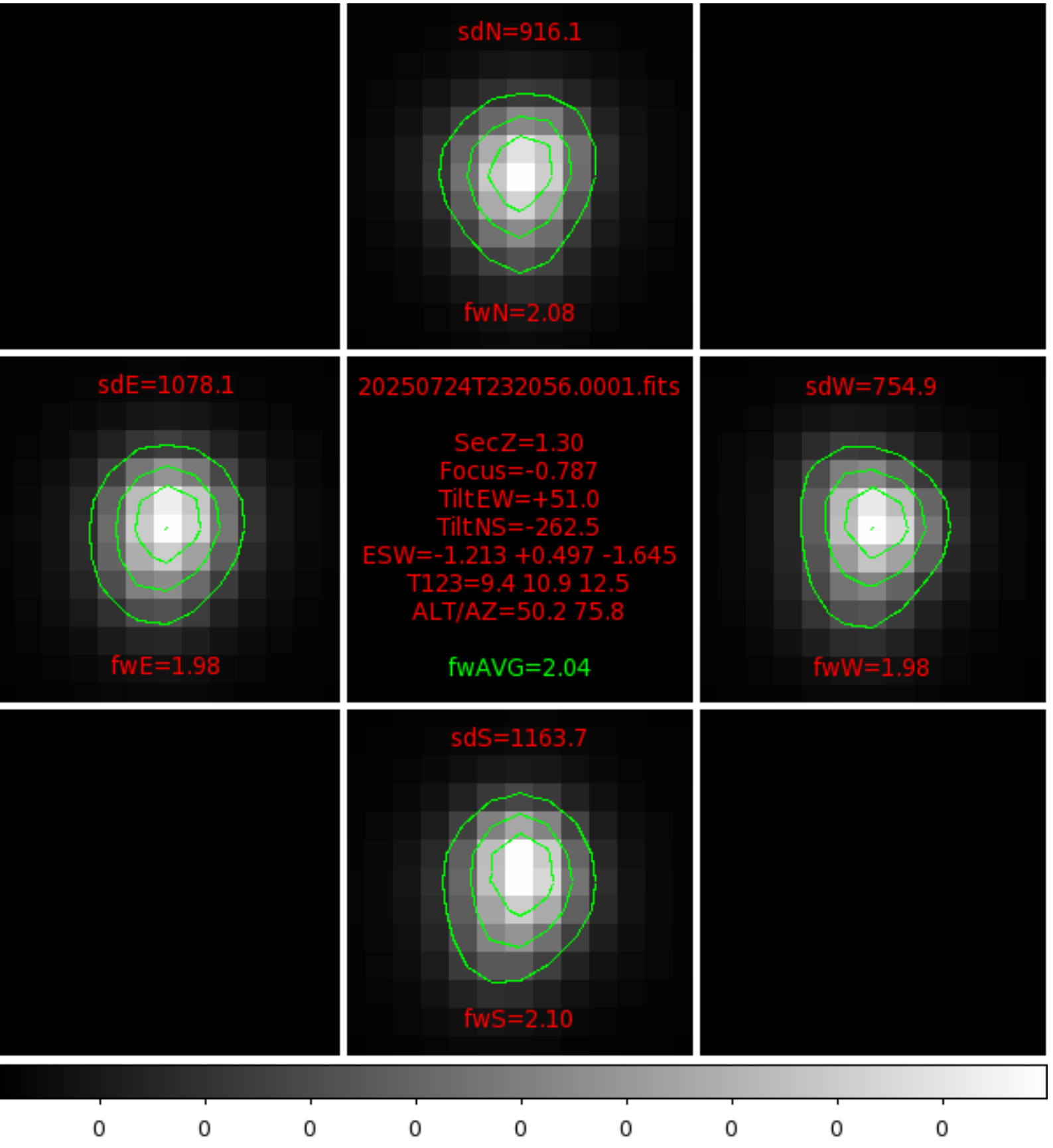
sdN=916.1
fwN=2.08
sdE=1078.1
fwE=1.98
20250724T232056.0001.fits
SecZ=1.30
Focus=-0.787
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.213 +0.497 -1.645
T123=9.4 10.9 12.5
ALT/AZ=50.2 75.8
fwAVG=2.04
sdW=754.9
fwW=1.98
sdS=1163.7
fwS=2.10
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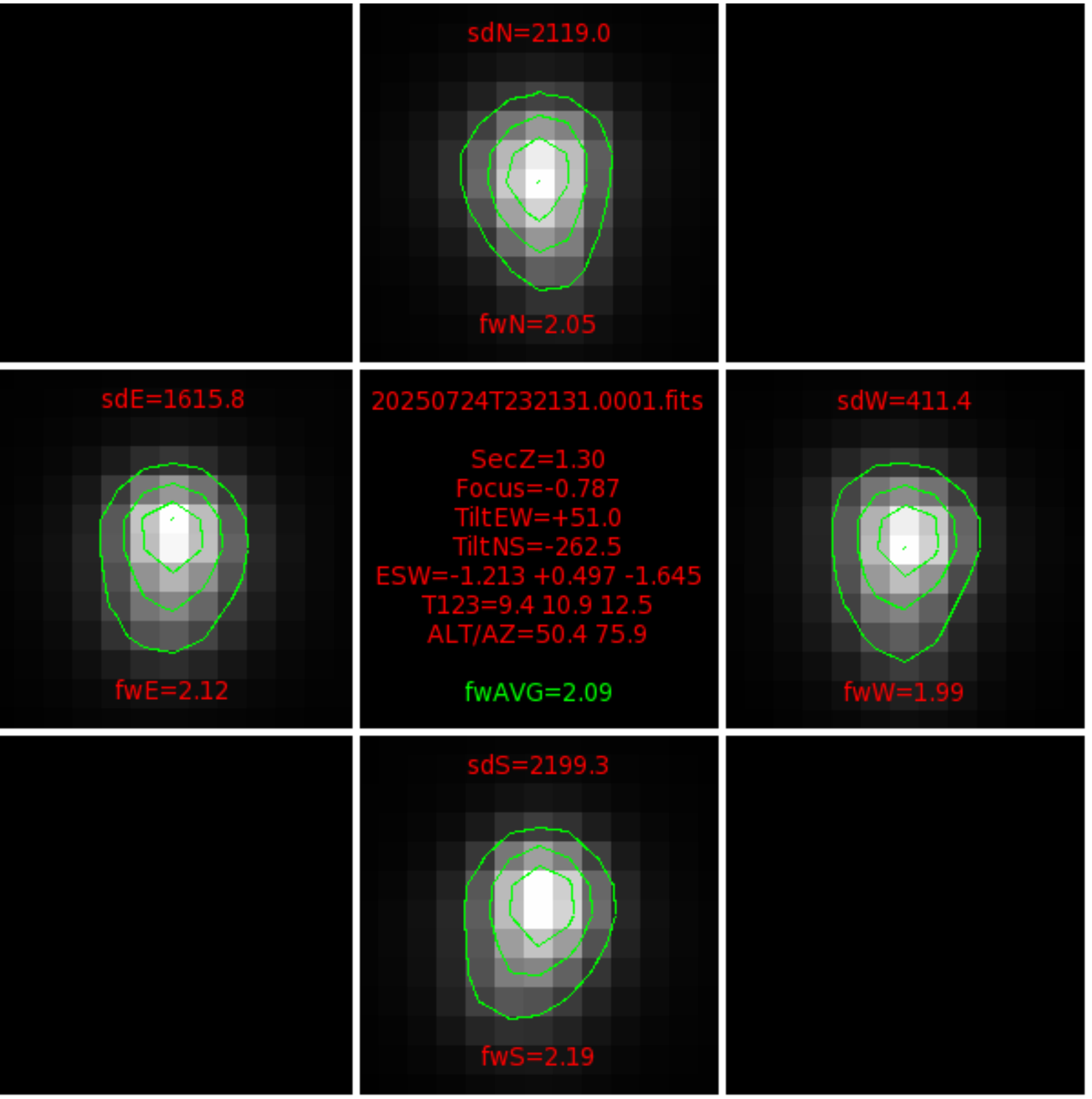
sdN=2119.0
fwN=2.05
sdE=1615.8
fwE=2.12
20250724T232131.0001.fits
SecZ=1.30
Focus=-0.787
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.213 +0.497 -1.645
T123=9.4 10.9 12.5
ALT/AZ=50.4 75.9
fwAVG=2.09
sdW=411.4
fwW=1.99
sdS=2199.3
fwS=2.19
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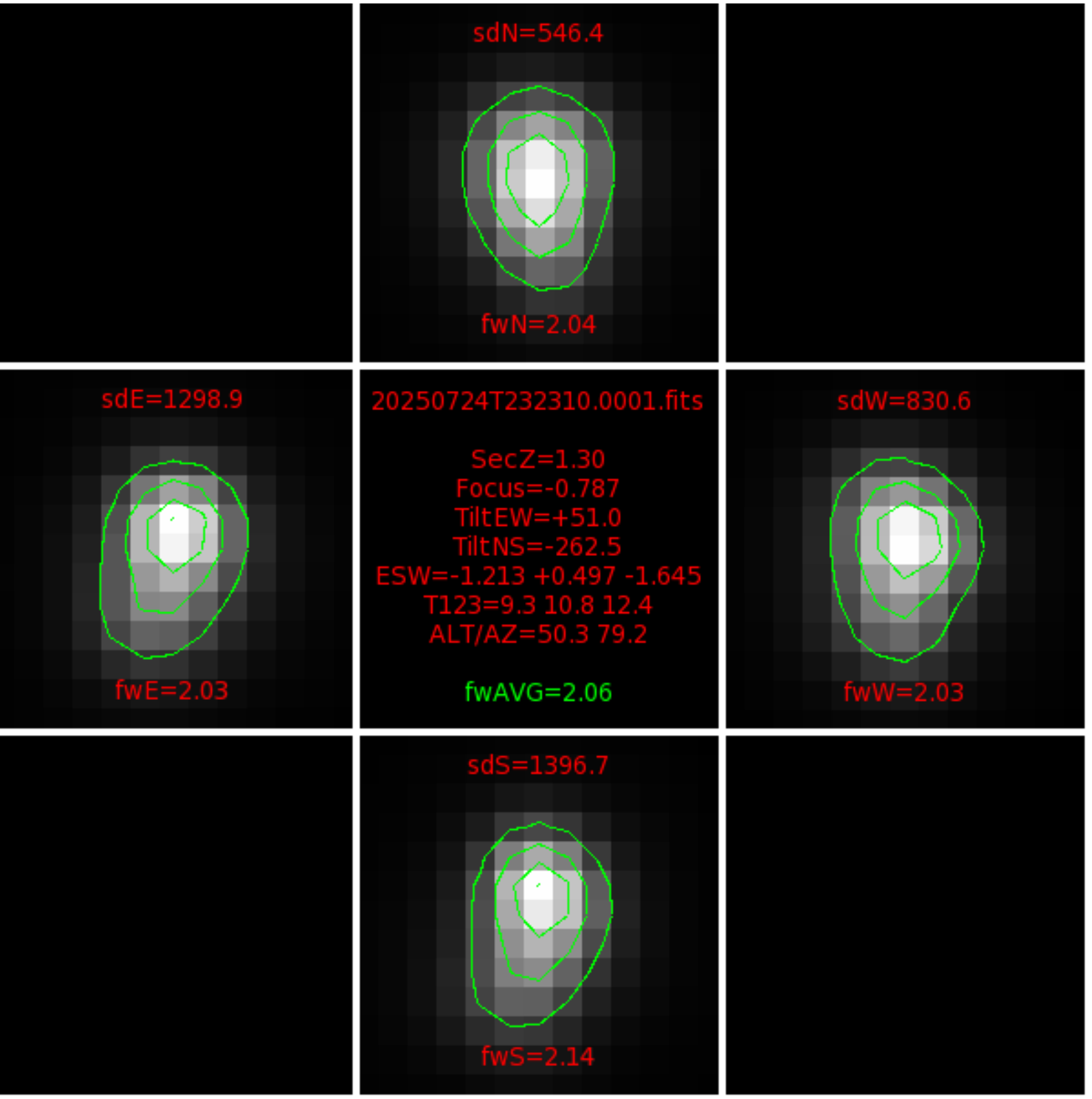
sdN=546.4
fwN=2.04
sdE=1298.9
fwE=2.03
20250724T232310.0001.fits
SecZ=1.30
Focus=-0.787
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.213 +0.497 -1.645
T123=9.3 10.8 12.4
ALT/AZ=50.3 79.2
fwAVG=2.06
sdW=830.6
fwW=2.03
sdS=1396.7
fwS=2.14
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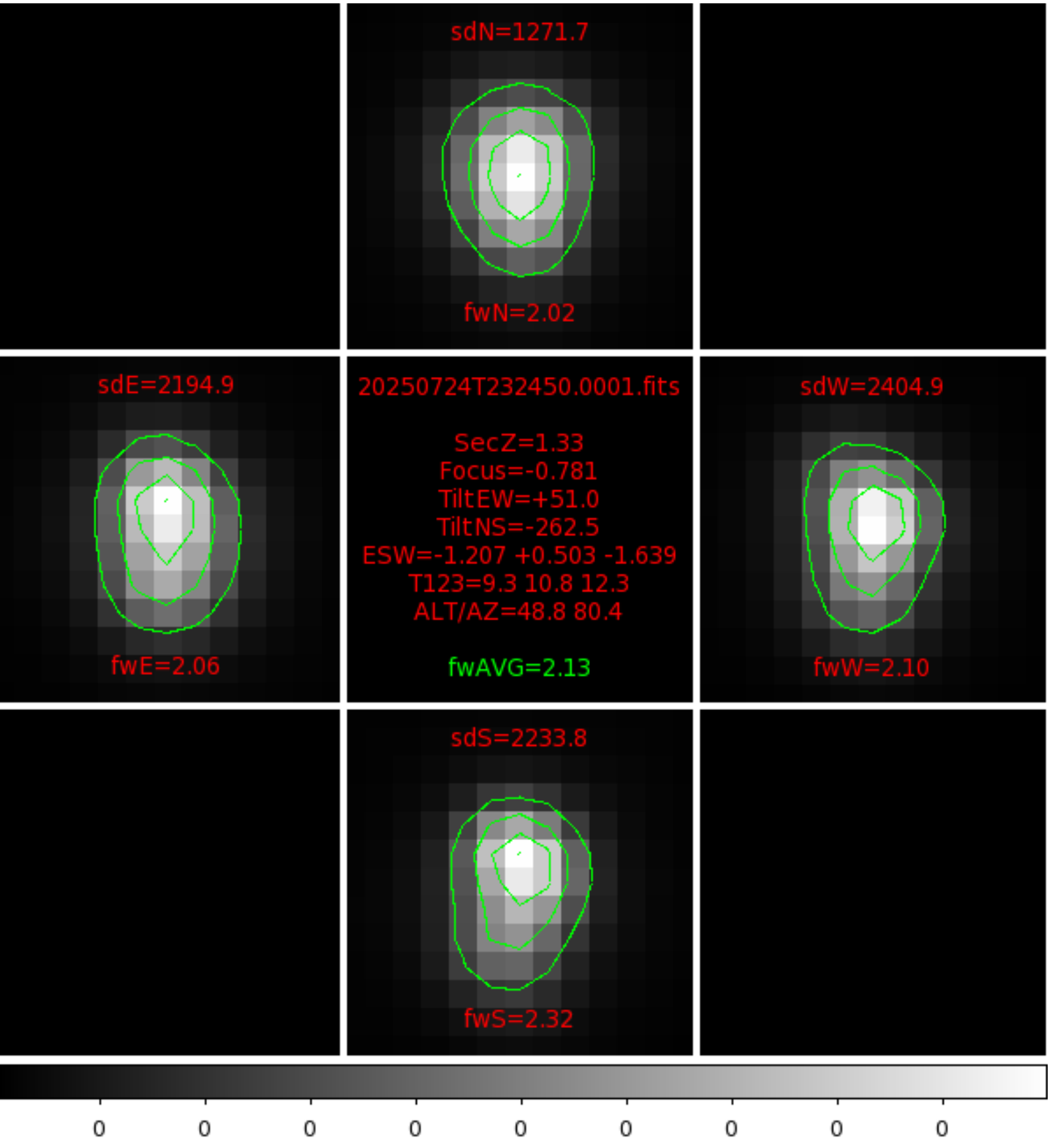
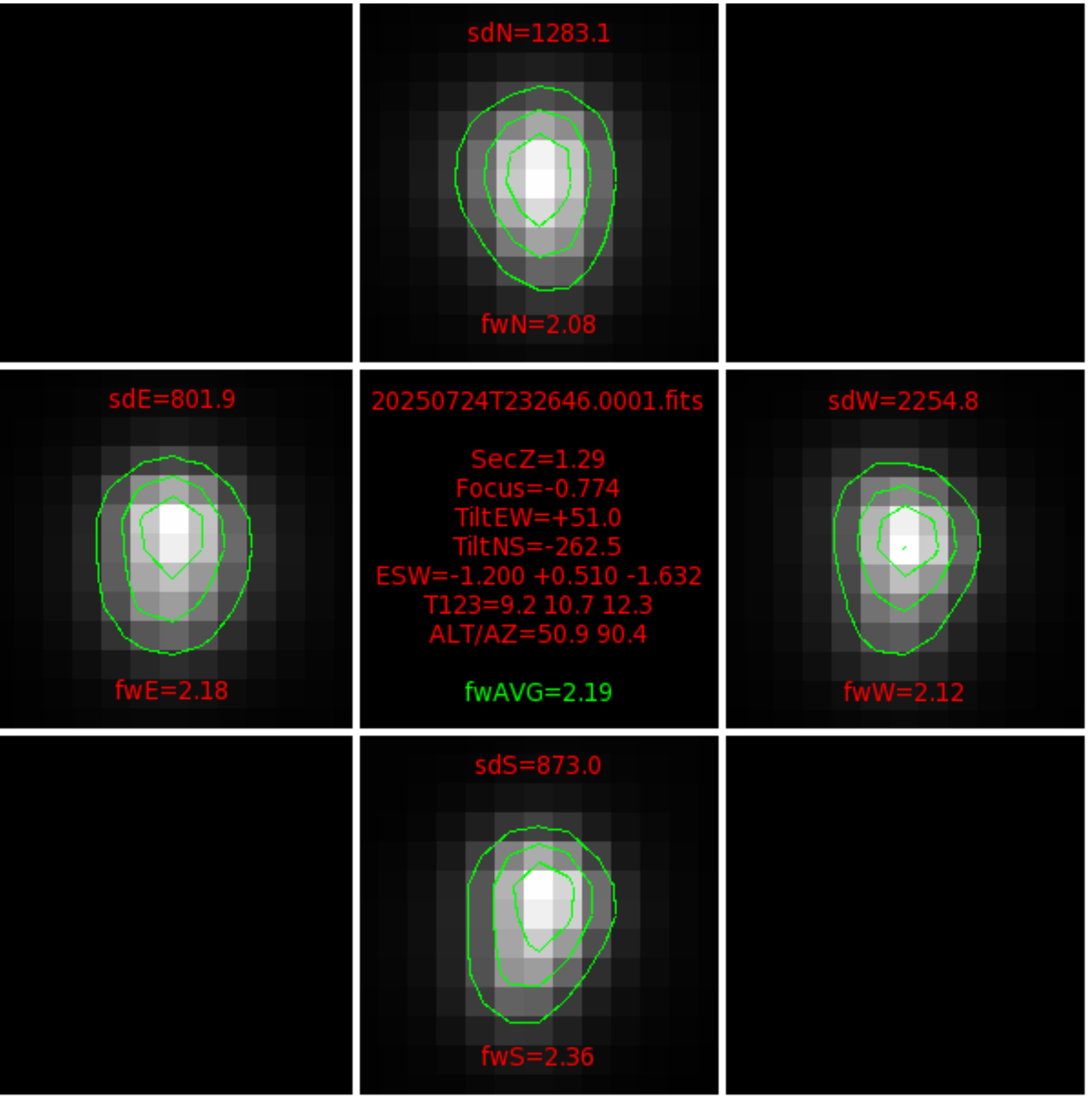

sdN=1271.7
fwN=2.02
sdE=2194.9
fwE=2.06
20250724T232450.0001.fits
SecZ=1.33
Focus=-0.781
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.207 +0.503 -1.639
T123=9.3 10.8 12.3
ALT/AZ=48.8 80.4
fwAVG=2.13
sdW=2404.9
fwW=2.10
sdS=2233.8
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=1283.1
fwN=2.08
sdE=801.9
fwE=2.18
20250724T232646.0001.fits
SecZ=1.29
Focus=-0.774
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.200 +0.510 -1.632
T123=9.2 10.7 12.3
ALT/AZ=50.9 90.4
fwAVG=2.19
sdW=2254.8
fwW=2.12
sdS=873.0
fwS=2.36
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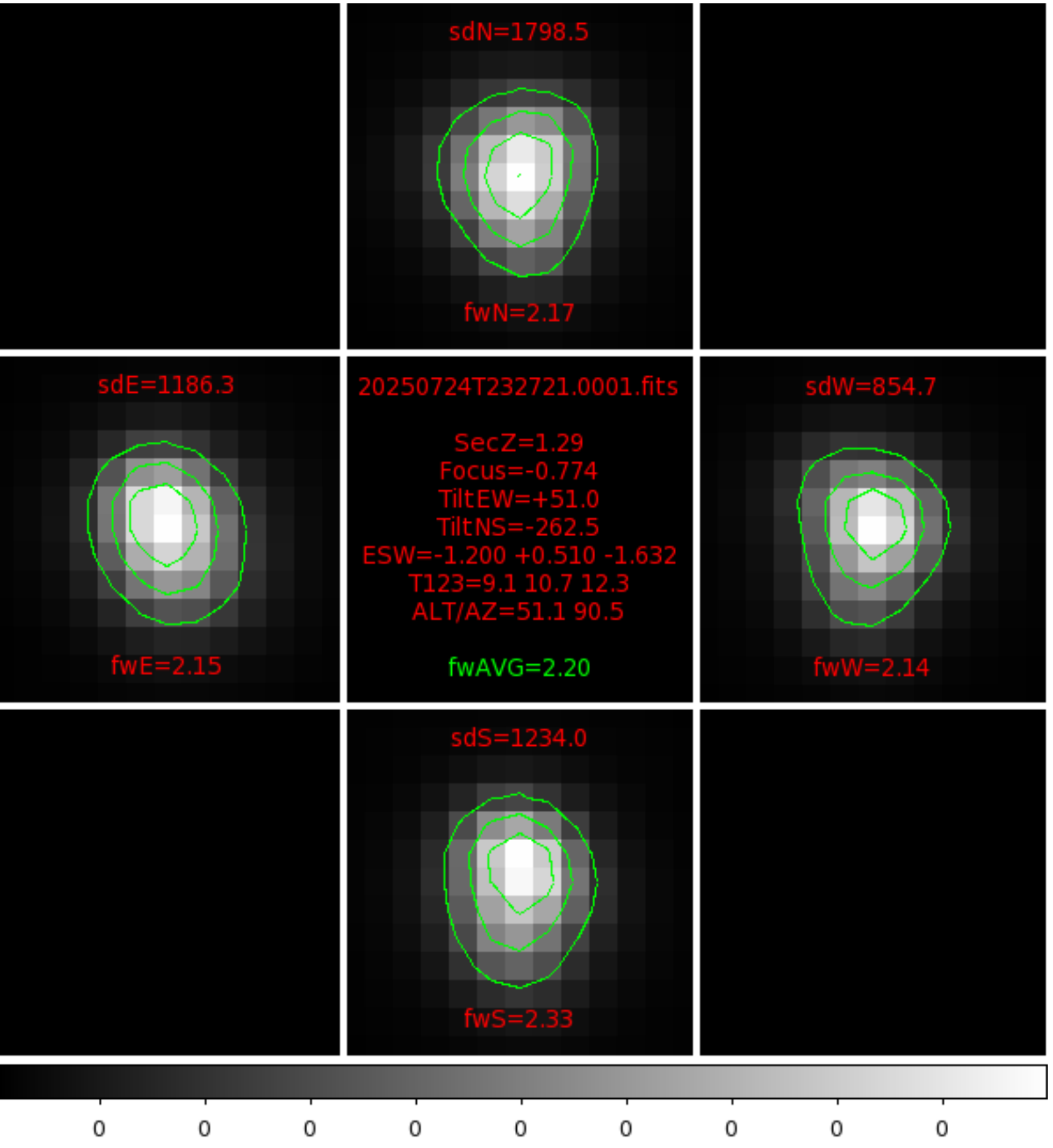
sdN=1798.5
fwN=2.17
sdE=1186.3
fwE=2.15
20250724T232721.0001.fits
SecZ=1.29
Focus=-0.774
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.200 +0.510 -1.632
T123=9.1 10.7 12.3
ALT/AZ=51.1 90.5
fwAVG=2.20
sdW=854.7
fwW=2.14
sdS=1234.0
fwS=2.33
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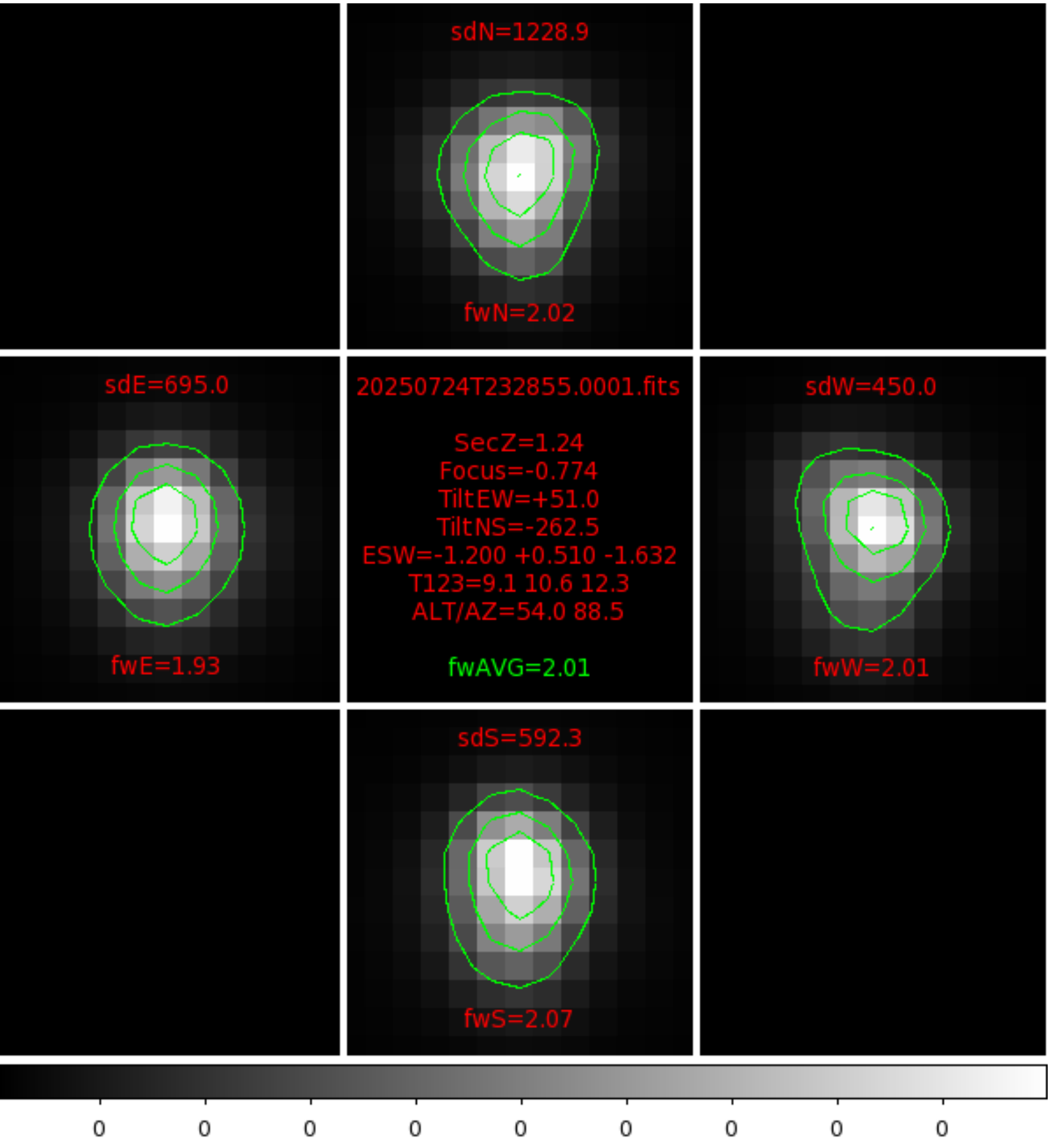
sdN=1228.9
fwN=2.02
sdE=695.0
fwE=1.93
20250724T232855.0001.fits
SecZ=1.24
Focus=-0.774
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.200 +0.510 -1.632
T123=9.1 10.6 12.3
ALT/AZ=54.0 88.5
fwAVG=2.01
sdW=450.0
fwW=2.01
sdS=592.3
fwS=2.07
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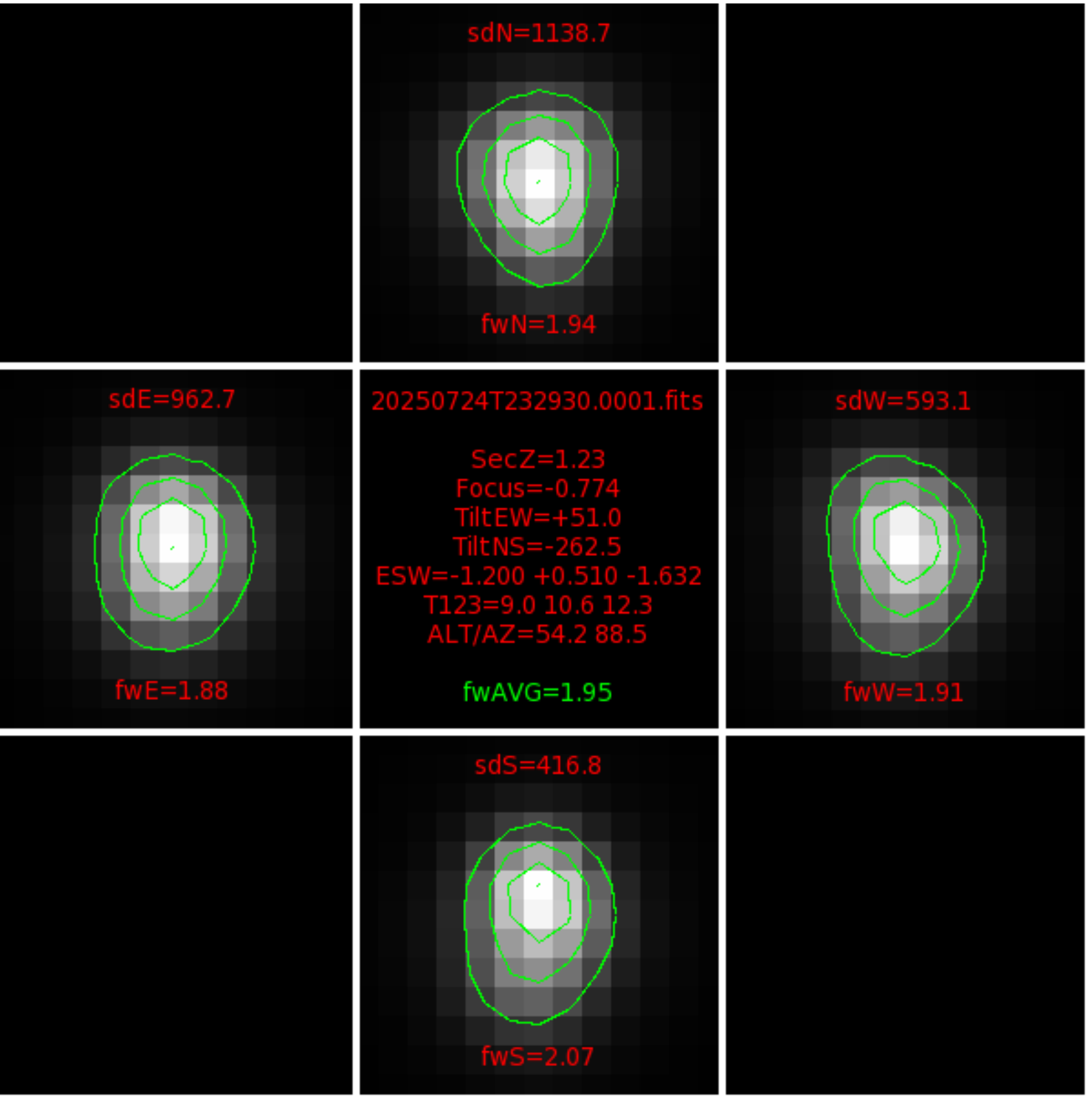
sdN=1138.7
fwN=1.94
sdE=962.7
fwE=1.88
20250724T232930.0001.fits
SecZ=1.23
Focus=-0.774
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.200 +0.510 -1.632
T123=9.0 10.6 12.3
ALT/AZ=54.2 88.5
fwAVG=1.95
sdW=593.1
fwW=1.91
sdS=416.8
fwS=2.07
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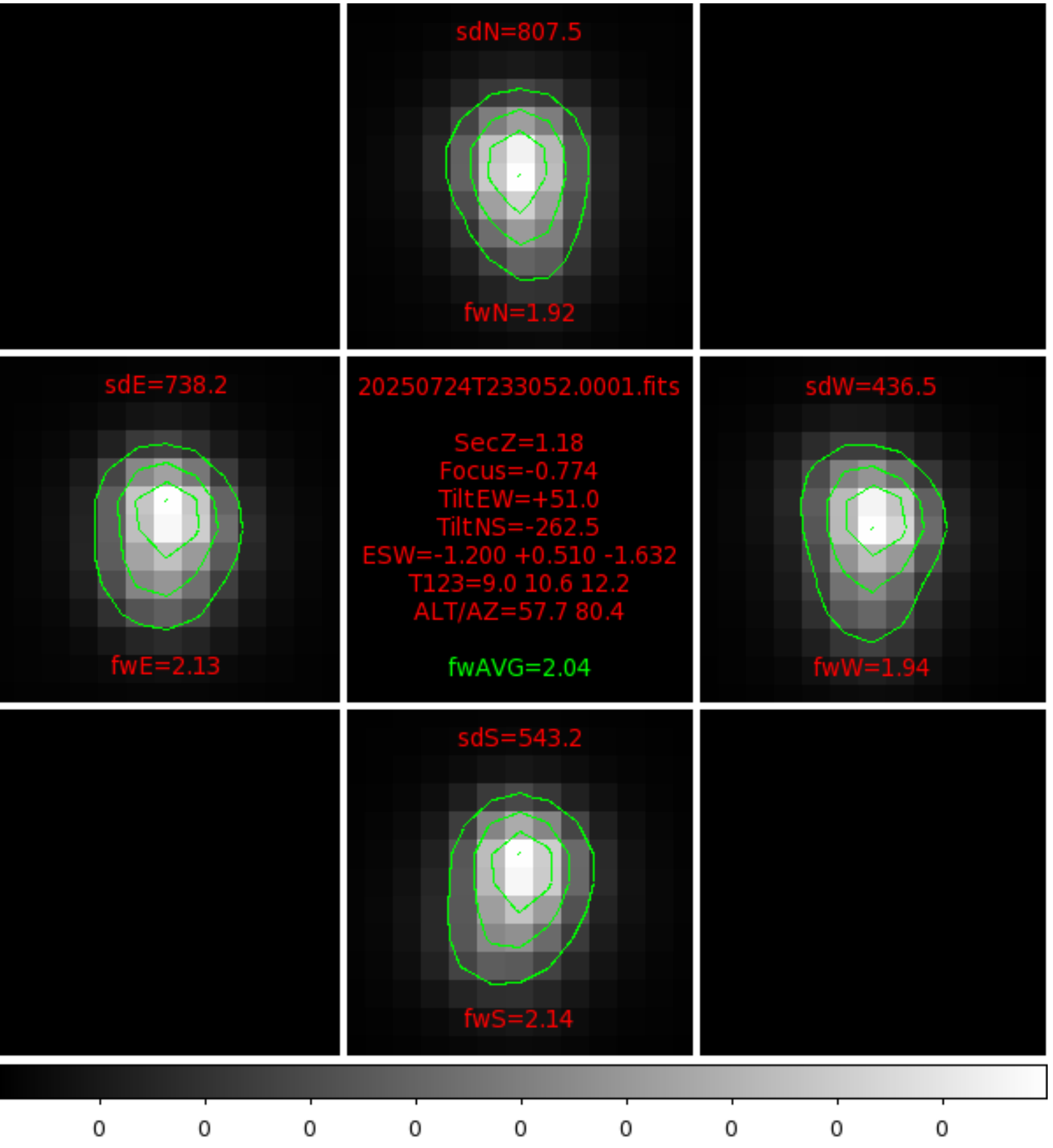
sdN=807.5
fwN=1.92
sdE=738.2
fwE=2.13
20250724T233052.0001.fits
SecZ=1.18
Focus=-0.774
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.200 +0.510 -1.632
T123=9.0 10.6 12.2
ALT/AZ=57.7 80.4
fwAVG=2.04
sdW=436.5
fwW=1.94
sdS=543.2
fwS=2.14
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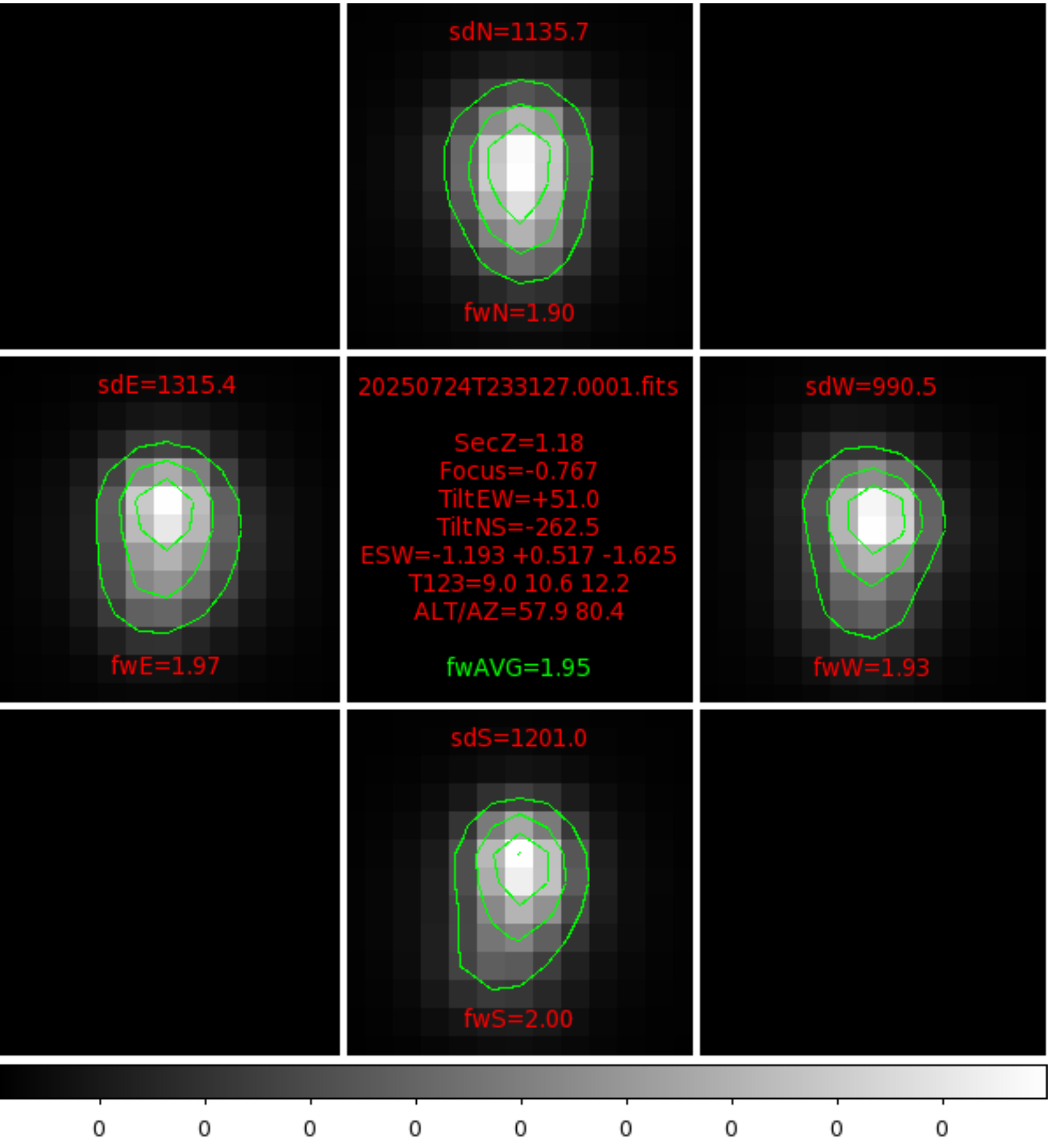
sdN=1135.7
fwN=1.90
sdE=1315.4
fwE=1.97
20250724T233127.0001.fits
SecZ=1.18
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=9.0 10.6 12.2
ALT/AZ=57.9 80.4
fwAVG=1.95
sdW=990.5
fwW=1.93
sdS=1201.0
fwS=2.00
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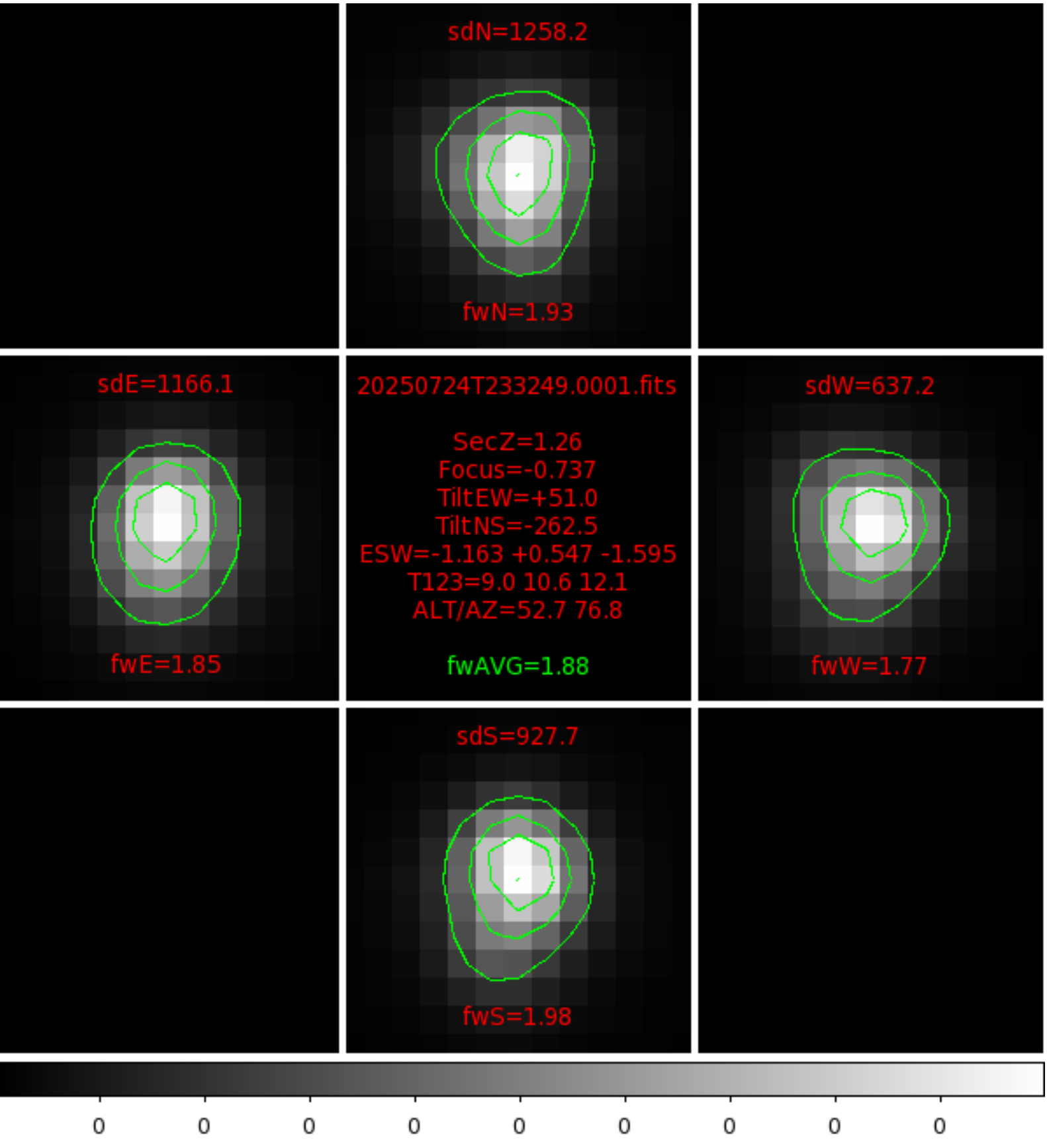
sdN=1258.2
fwN=1.93
sdE=1166.1
fwE=1.85
20250724T233249.0001.fits
SecZ=1.26
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=9.0 10.6 12.1
ALT/AZ=52.7 76.8
fwAVG=1.88
sdW=637.2
fwW=1.77
sdS=927.7
fwS=1.98
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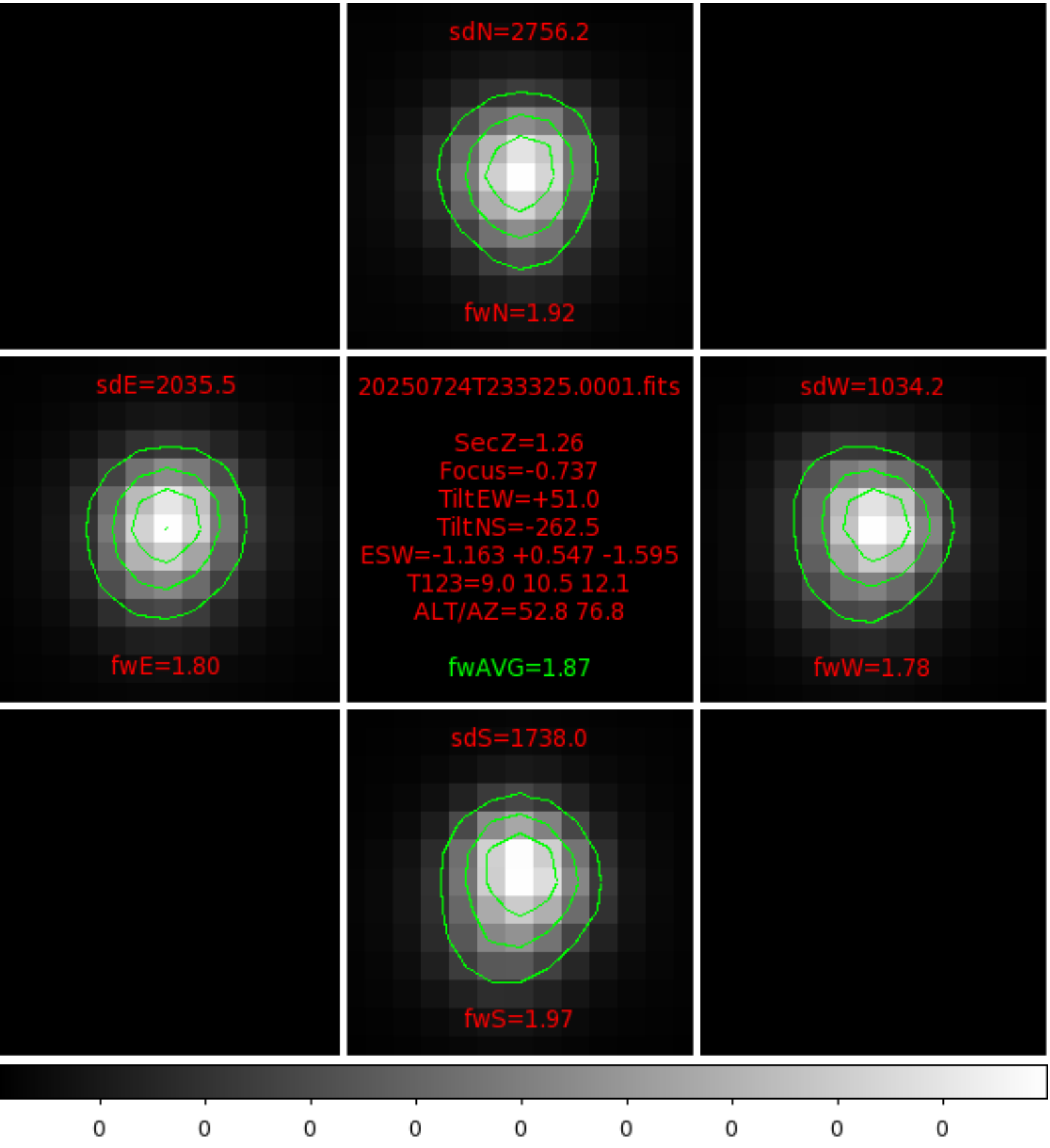
sdN=2756.2
fwN=1.92
sdE=2035.5
fwE=1.80
20250724T233325.0001.fits
SecZ=1.26
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=9.0 10.5 12.1
ALT/AZ=52.8 76.8
fwAVG=1.87
sdW=1034.2
fwW=1.78
sdS=1738.0
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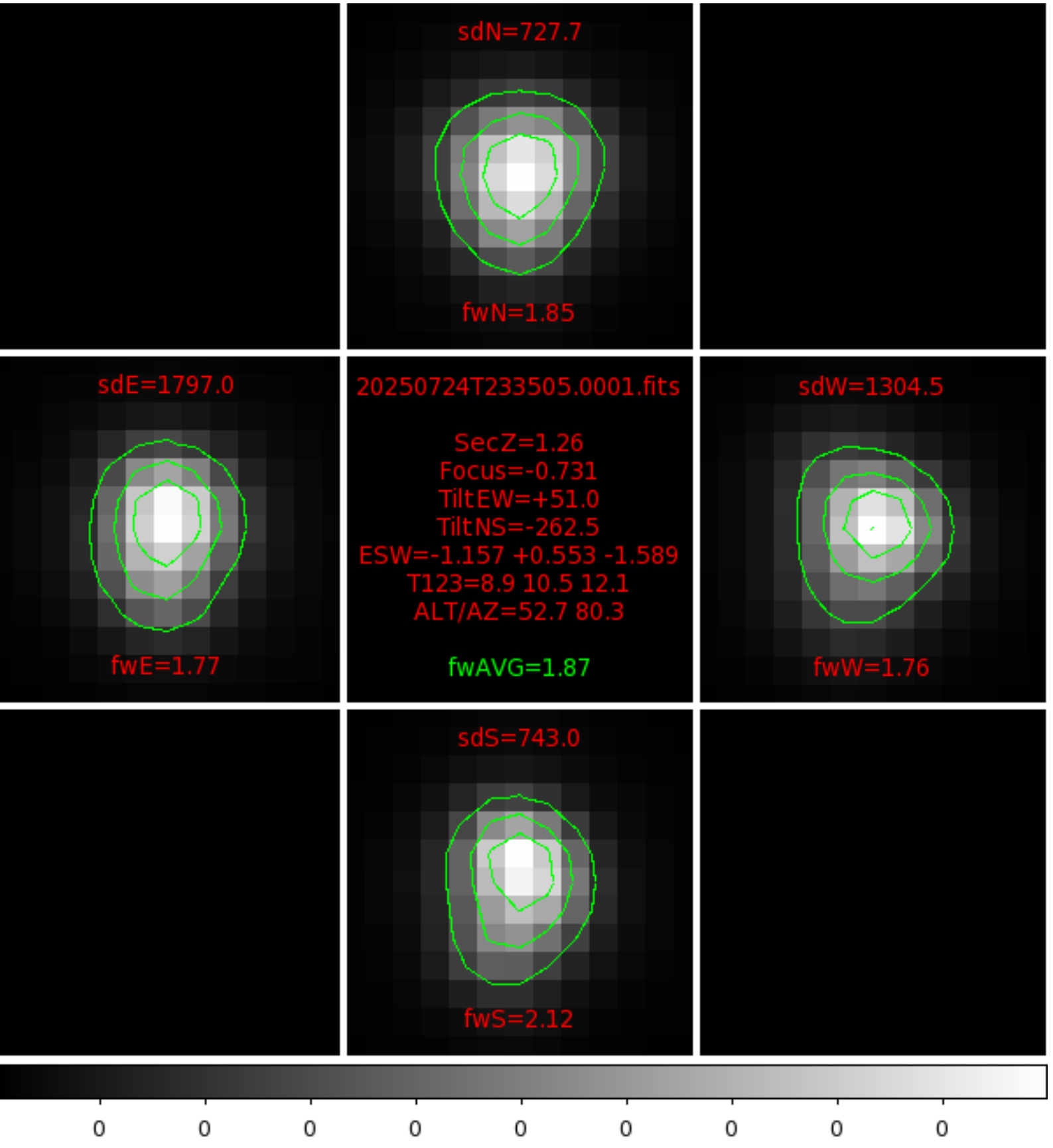
sdN=727.7
fwN=1.85
sdE=1797.0
fwE=1.77
20250724T233505.0001.fits
SecZ=1.26
Focus=-0.731
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.157 +0.553 -1.589
T123=8.9 10.5 12.1
ALT/AZ=52.7 80.3
fwAVG=1.87
sdW=1304.5
fwW=1.76
sdS=743.0
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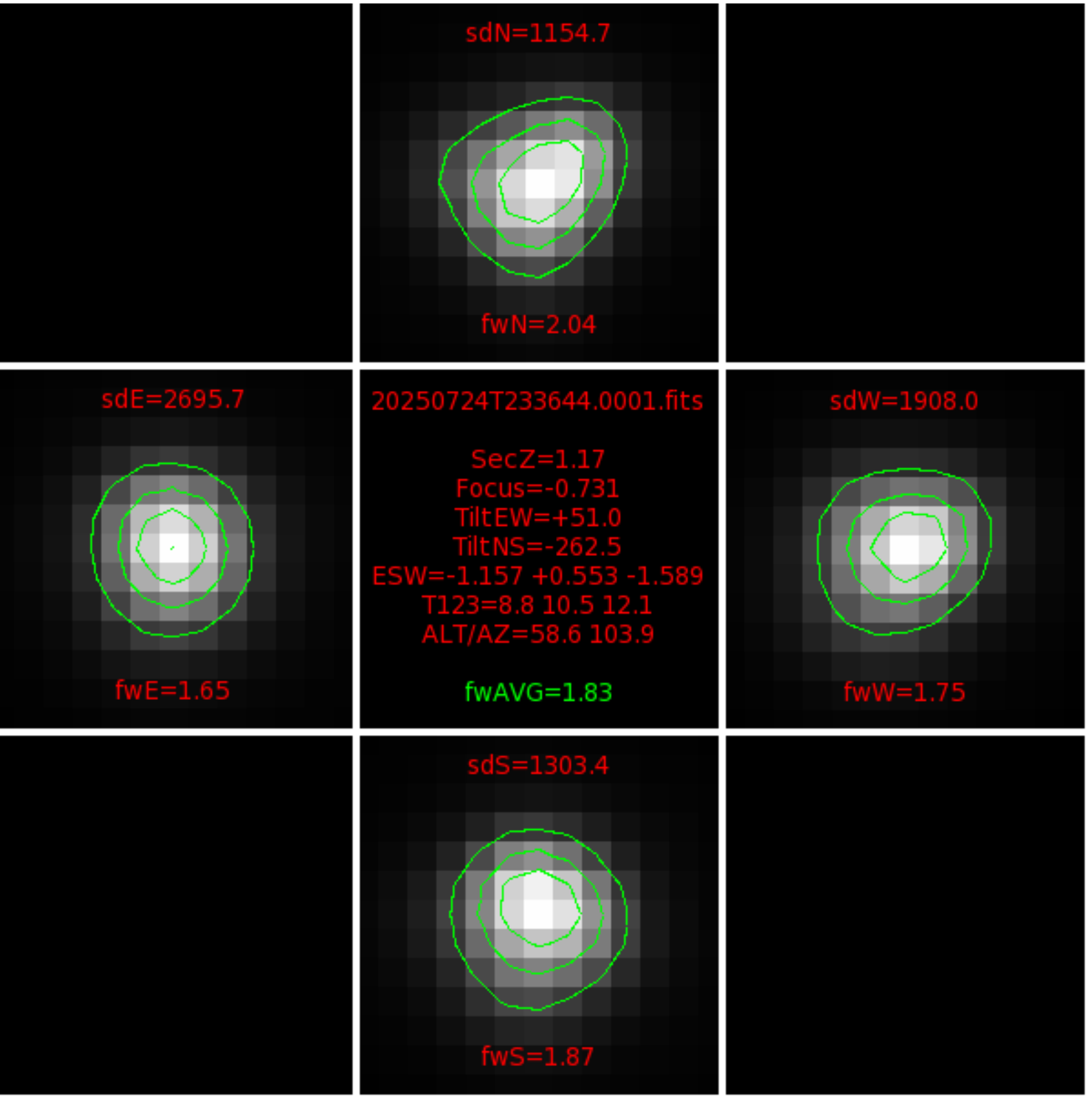
sdN=1154.7
fwN=2.04
sdE=2695.7
fwE=1.65
20250724T233644.0001.fits
SecZ=1.17
Focus=-0.731
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.157 +0.553 -1.589
T123=8.8 10.5 12.1
ALT/AZ=58.6 103.9
fwAVG=1.83
sdW=1908.0
fwW=1.75
sdS=1303.4
fwS=1.87
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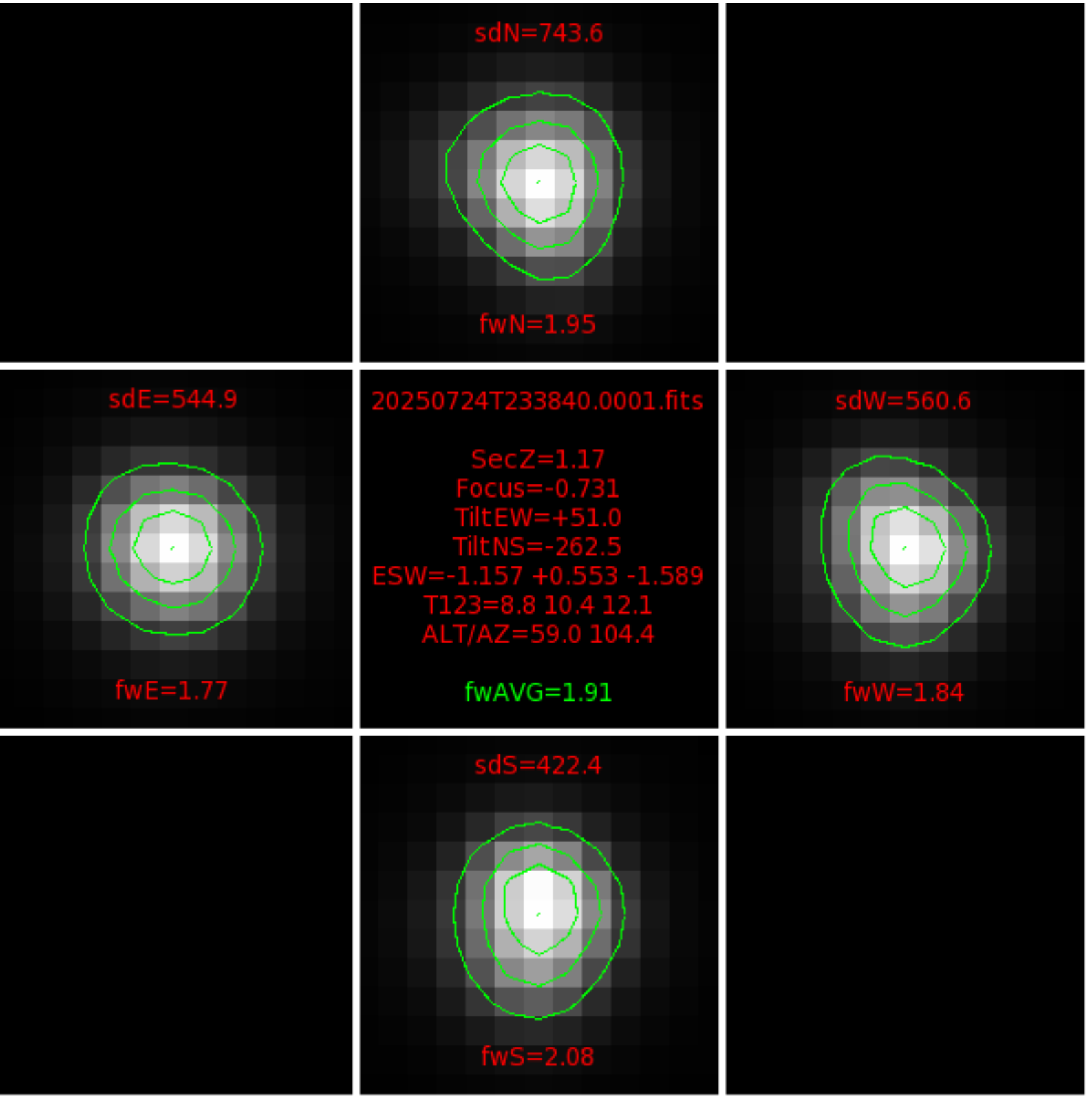
sdN=743.6
fwN=1.95
sdE=544.9
fwE=1.77
20250724T233840.0001.fits
SecZ=1.17
Focus=-0.731
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.157 +0.553 -1.589
T123=8.8 10.4 12.1
ALT/AZ=59.0 104.4
fwAVG=1.91
sdW=560.6
fwW=1.84
sdS=422.4
fwS=2.08
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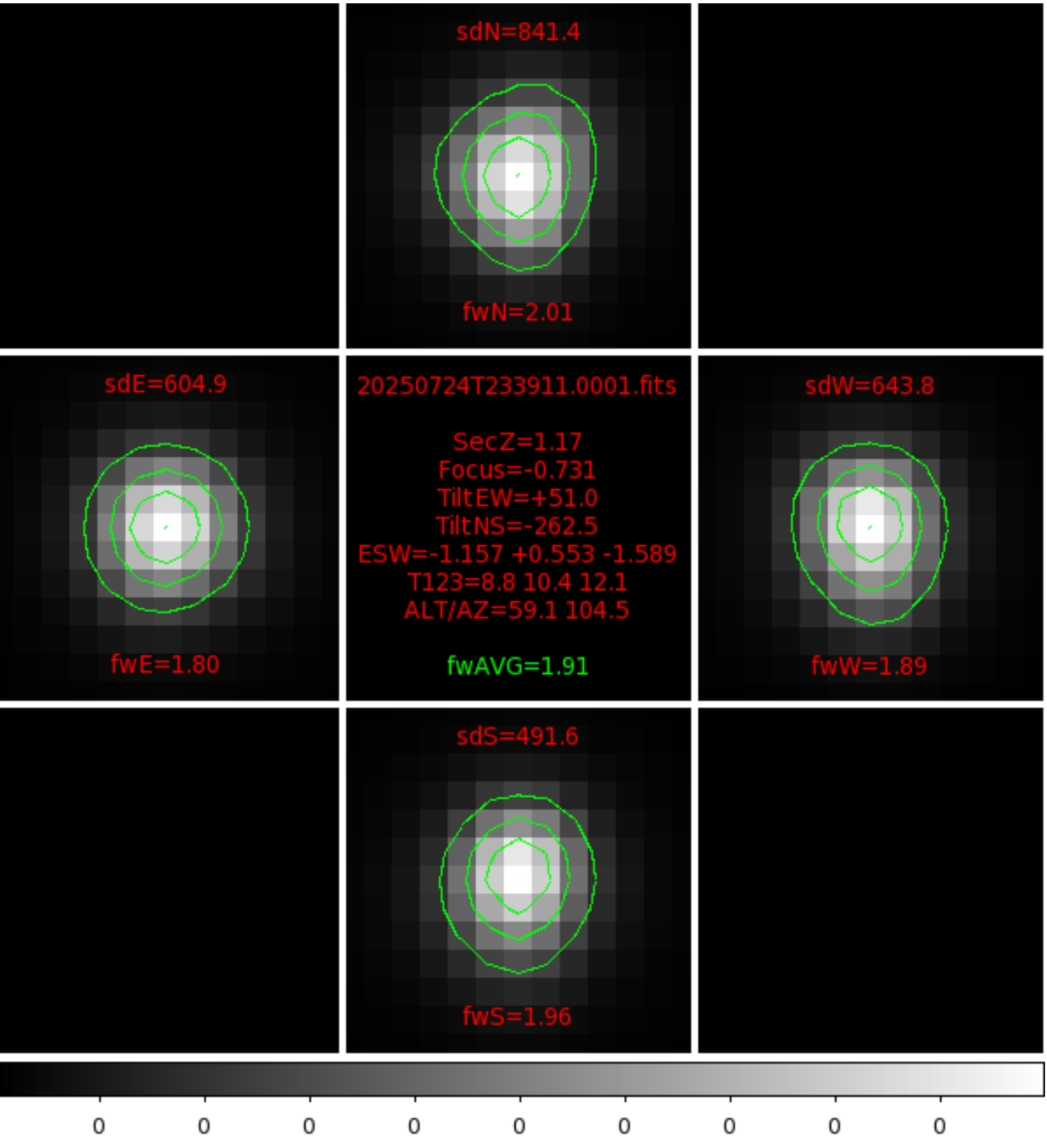
sdN=841.4
fwN=2.01
sdE=604.9
fwE=1.80
20250724T233911.0001.fits
SecZ=1.17
Focus=-0.731
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.157 +0.553 -1.589
T123=8.8 10.4 12.1
ALT/AZ=59.1 104.5
fwAVG=1.91
sdW=643.8
fwW=1.89
sdS=491.6
fwS=1.96
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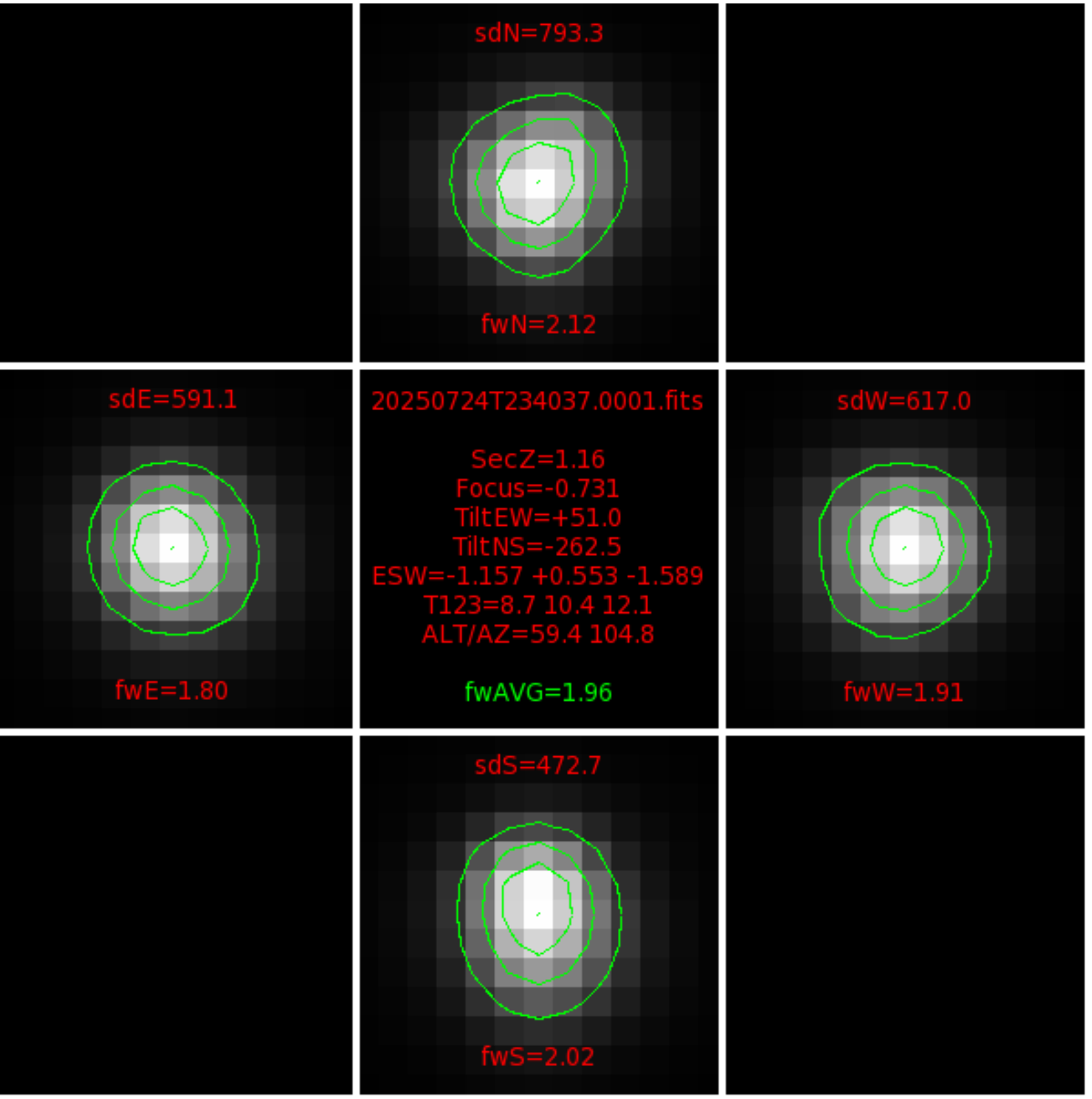
sdN=793.3
fwN=2.12
sdE=591.1
fwE=1.80
20250724T234037.0001.fits
SecZ=1.16
Focus=-0.731
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.157 +0.553 -1.589
T123=8.7 10.4 12.1
ALT/AZ=59.4 104.8
fwAVG=1.96
sdW=617.0
fwW=1.91
sdS=472.7
fwS=2.02
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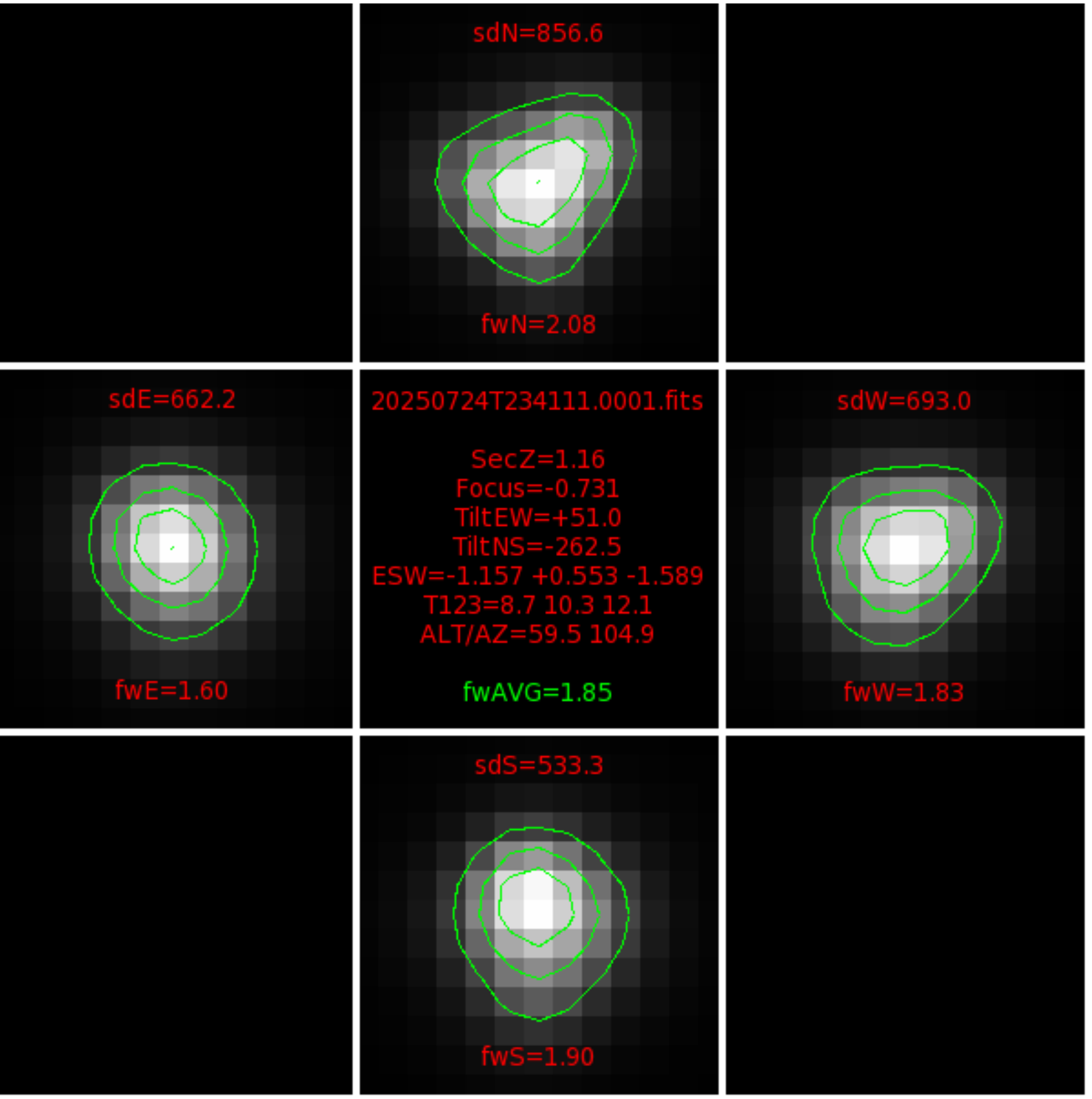
sdN=856.6
fwN=2.08
sdE=662.2
fwE=1.60
20250724T234111.0001.fits
SecZ=1.16
Focus=-0.731
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.157 +0.553 -1.589
T123=8.7 10.3 12.1
ALT/AZ=59.5 104.9
fwAVG=1.85
sdW=693.0
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sdS=533.3
fwS=1.90
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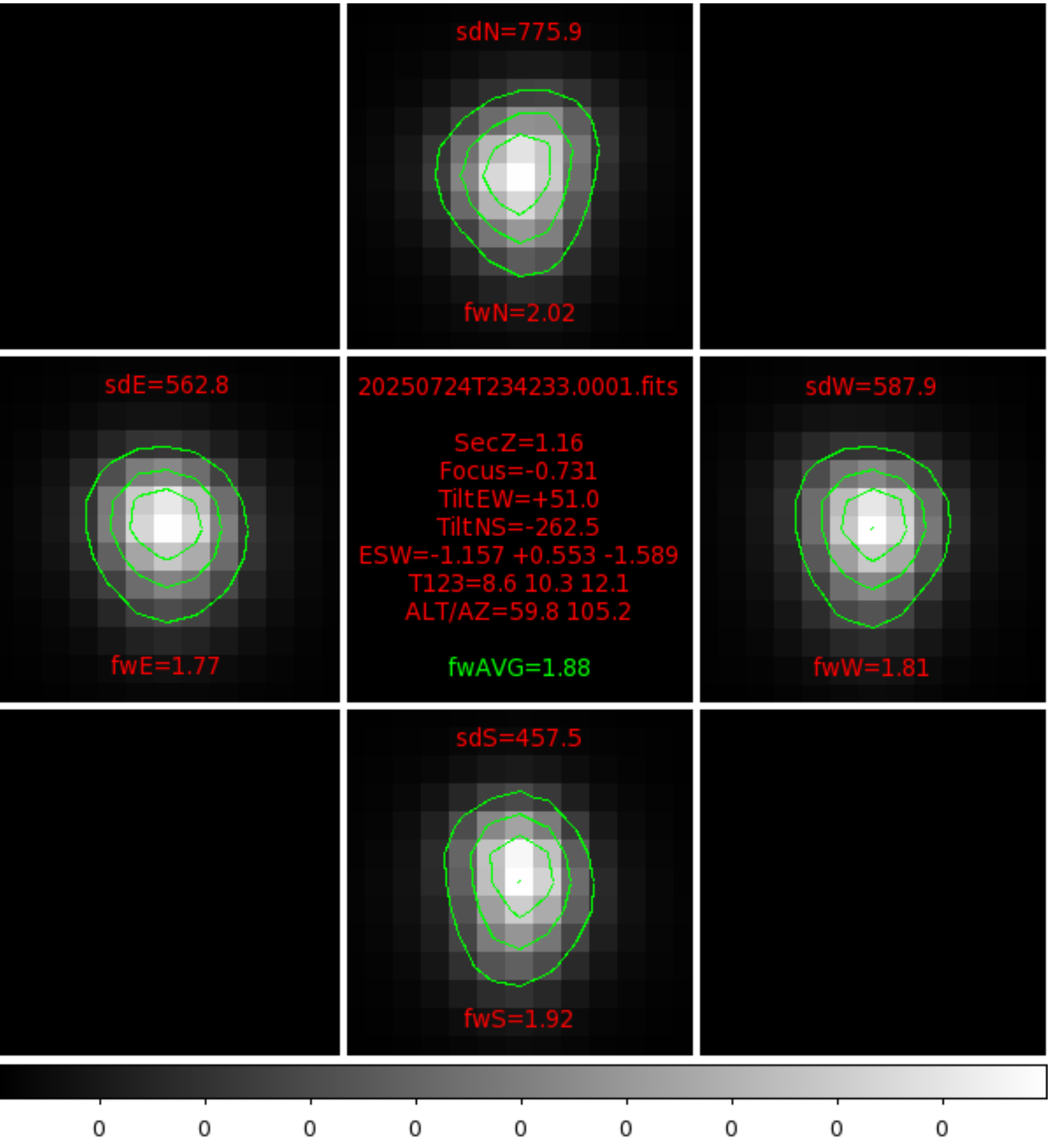
sdN=775.9
fwN=2.02
sdE=562.8
fwE=1.77
20250724T234233.0001.fits
SecZ=1.16
Focus=-0.731
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.157 +0.553 -1.589
T123=8.6 10.3 12.1
ALT/AZ=59.8 105.2
fwAVG=1.88
sdW=587.9
fwW=1.81
sdS=457.5
fwS=1.92
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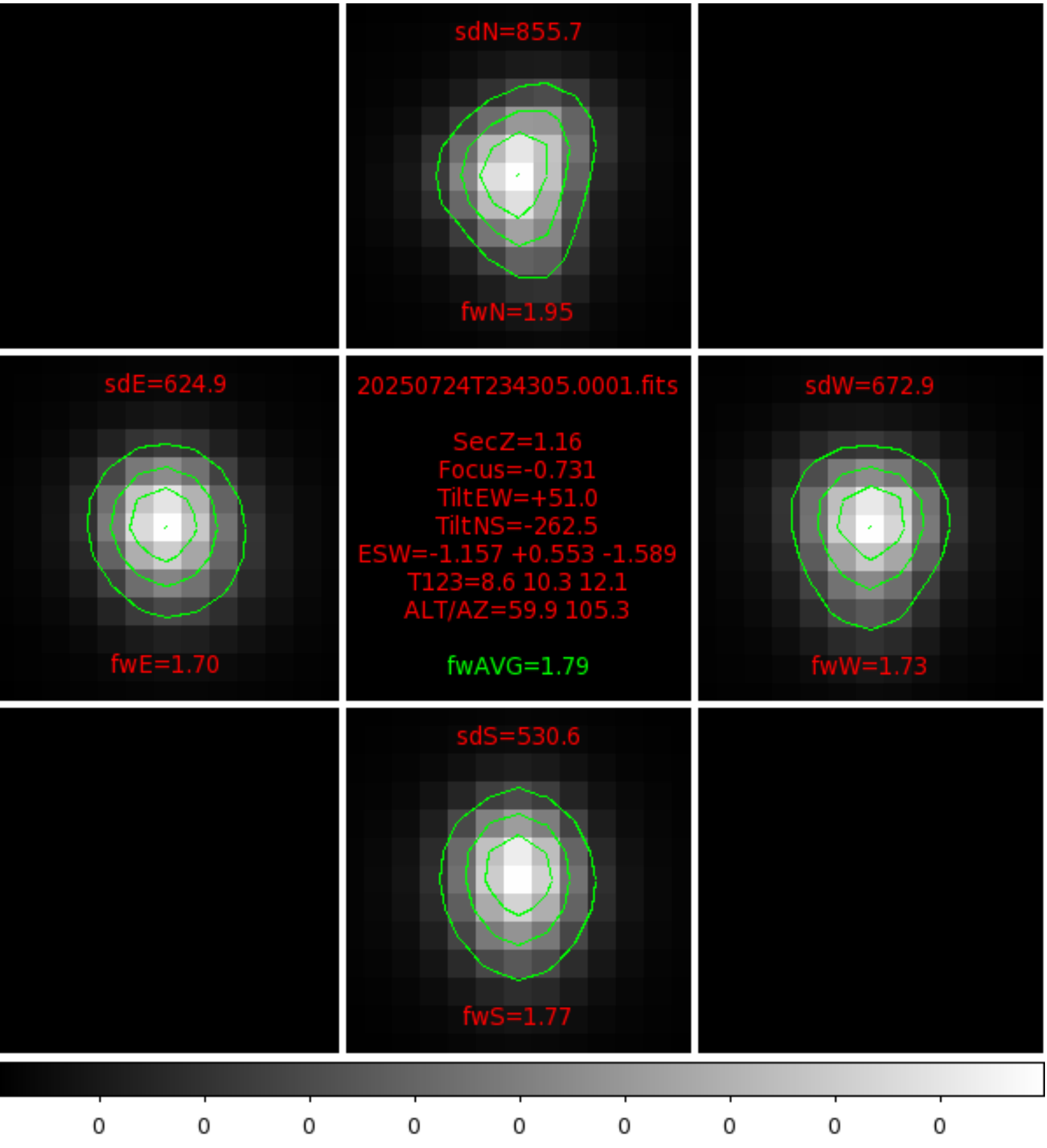
sdN=855.7
fwN=1.95
sdE=624.9
fwE=1.70
20250724T234305.0001.fits
SecZ=1.16
Focus=-0.731
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.157 +0.553 -1.589
T123=8.6 10.3 12.1
ALT/AZ=59.9 105.3
fwAVG=1.79
sdW=672.9
fwW=1.73
sdS=530.6
fwS=1.77
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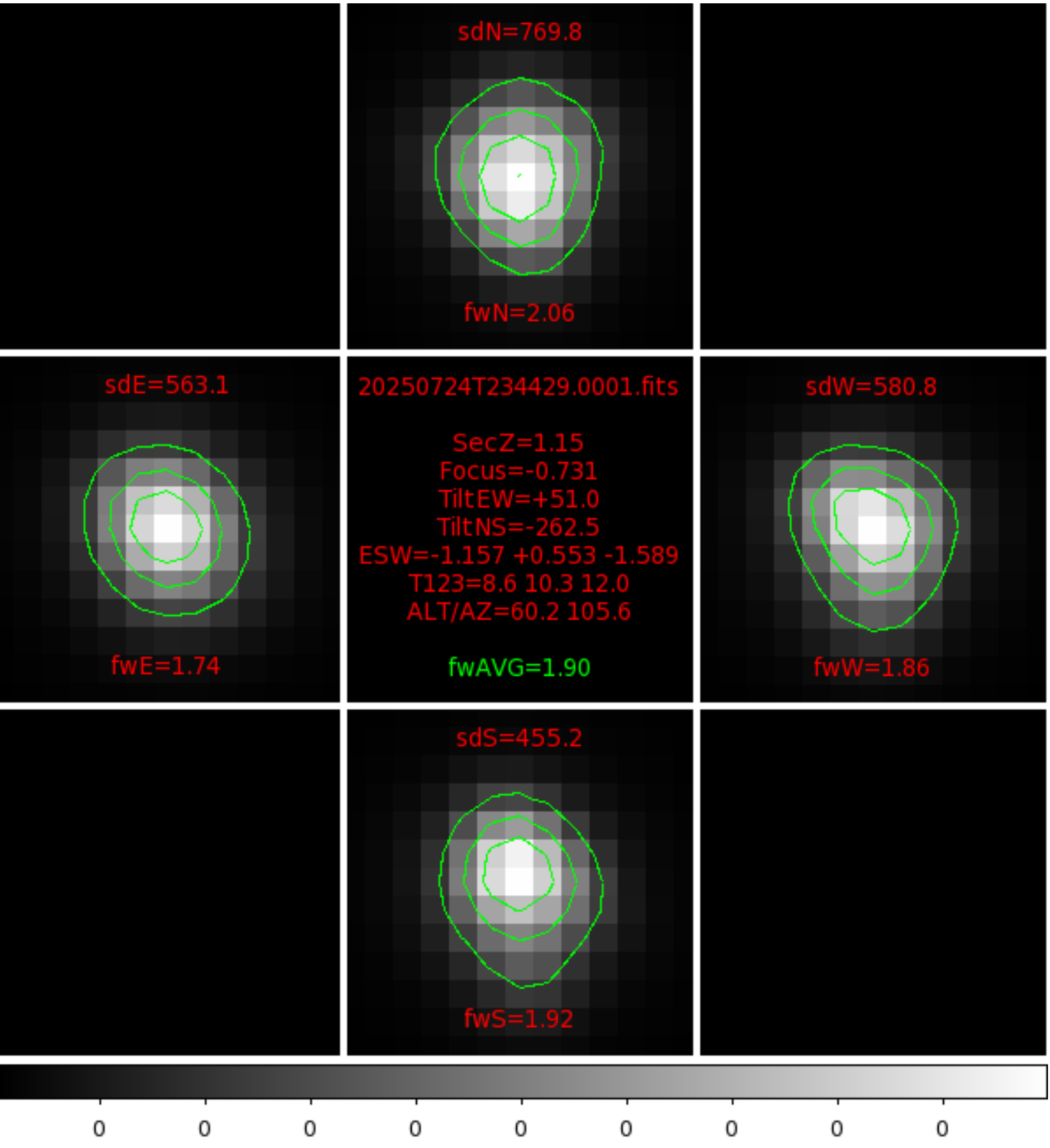
sdN=769.8
fwN=2.06
sdE=563.1
fwE=1.74
20250724T234429.0001.fits
SecZ=1.15
Focus=-0.731
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.157 +0.553 -1.589
T123=8.6 10.3 12.0
ALT/AZ=60.2 105.6
fwAVG=1.90
sdW=580.8
fwW=1.86
sdS=455.2
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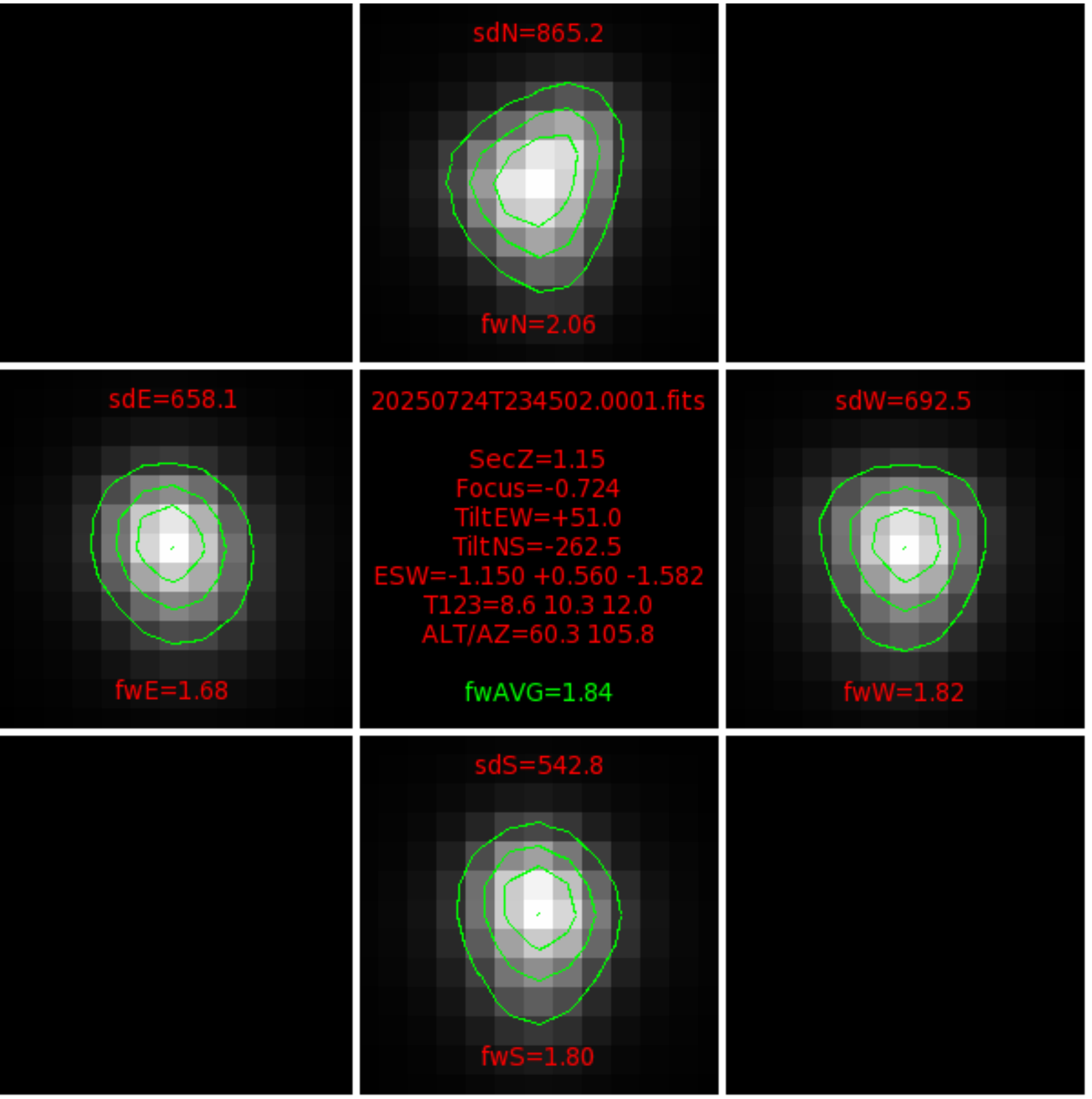
sdN=865.2
fwN=2.06
sdE=658.1
fwE=1.68
20250724T234502.0001.fits
SecZ=1.15
Focus=-0.724
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.150 +0.560 -1.582
T123=8.6 10.3 12.0
ALT/AZ=60.3 105.8
fwAVG=1.84
sdW=692.5
fwW=1.82
sdS=542.8
fwS=1.80
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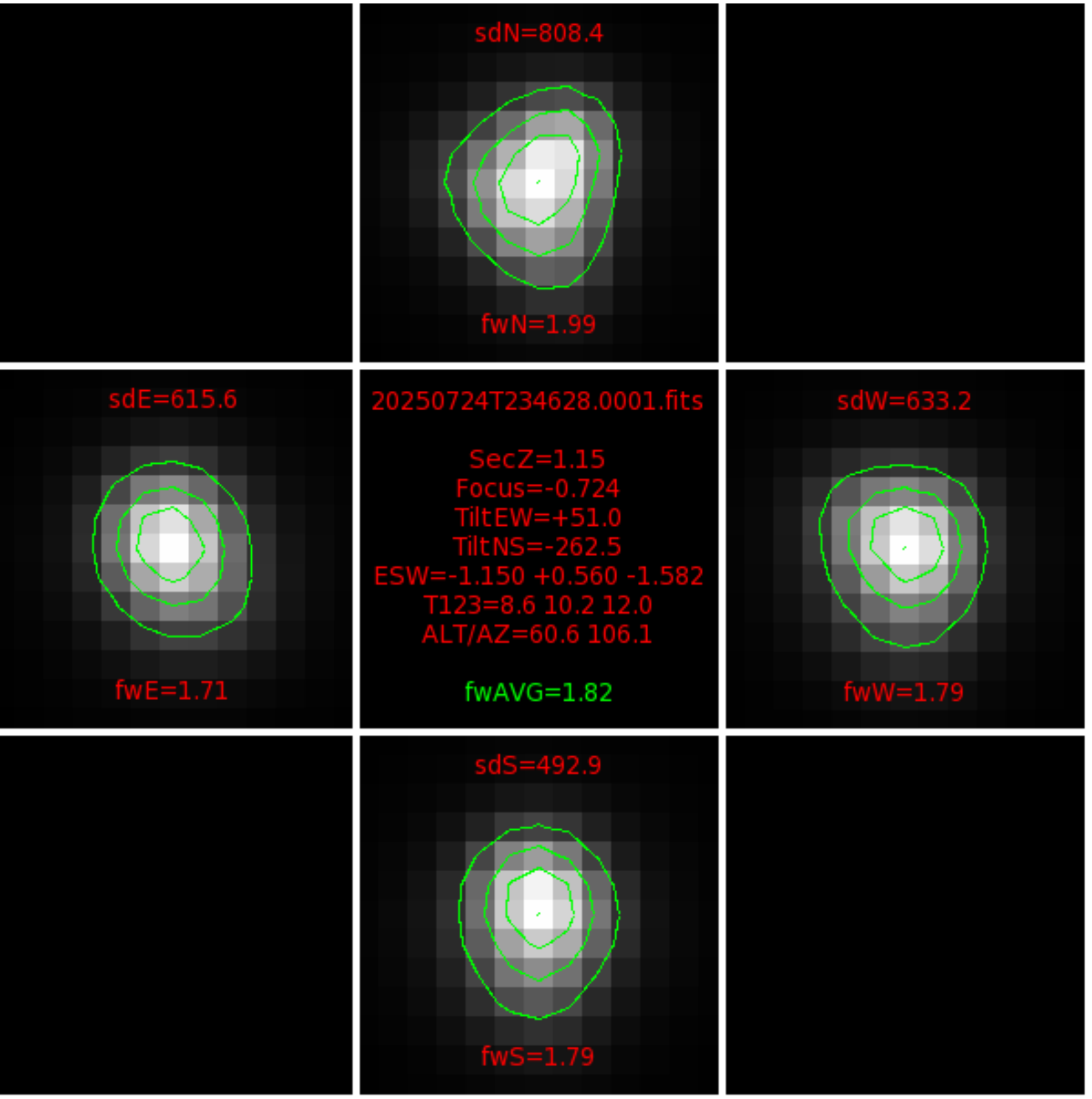
sdN=808.4
fwN=1.99
sdE=615.6
fwE=1.71
20250724T234628.0001.fits
SecZ=1.15
Focus=-0.724
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.150 +0.560 -1.582
T123=8.6 10.2 12.0
ALT/AZ=60.6 106.1
fwAVG=1.82
sdW=633.2
fwW=1.79
sdS=492.9
fwS=1.79
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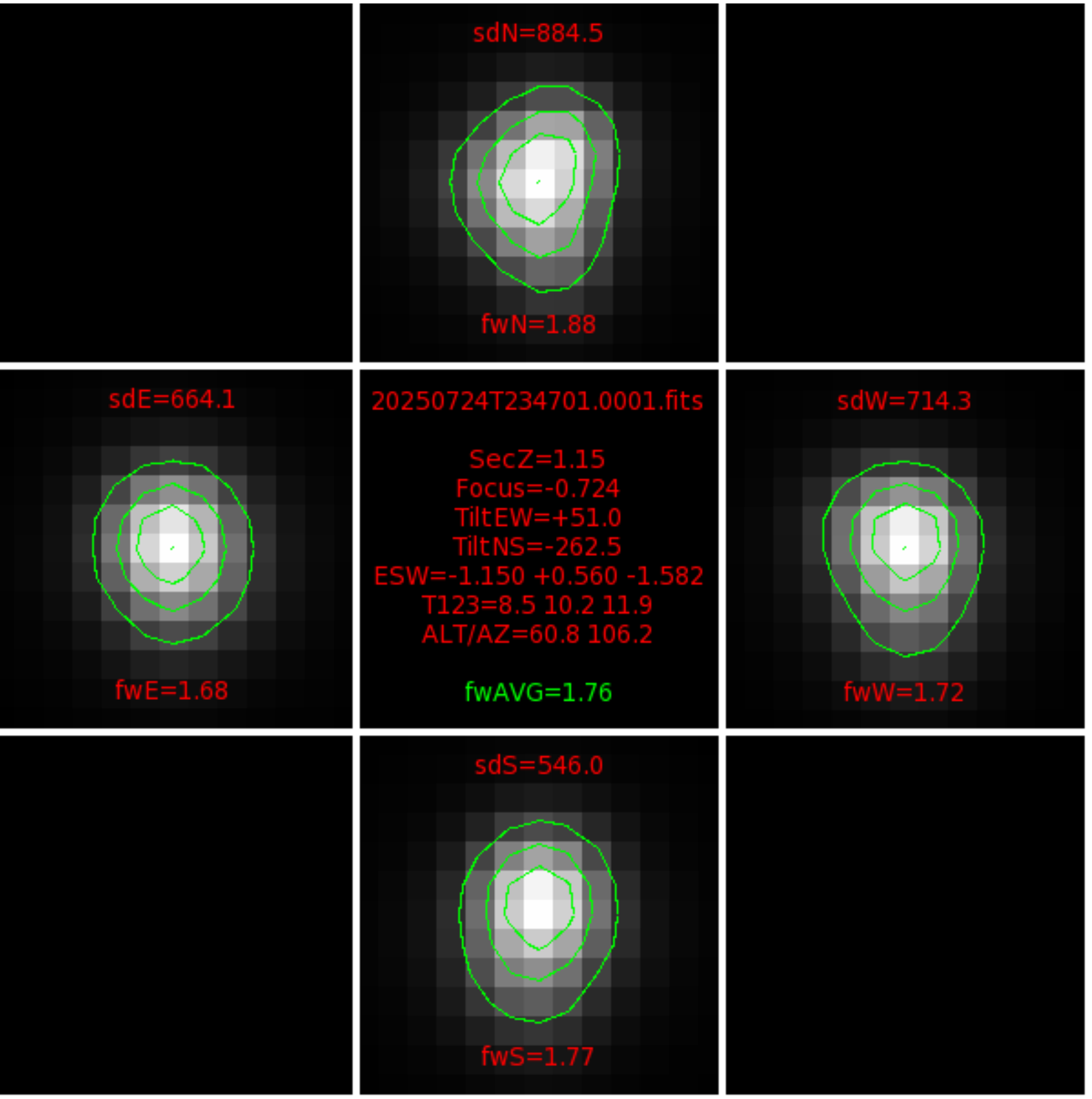
sdN=884.5
fwN=1.88
sdE=664.1
fwE=1.68
20250724T234701.0001.fits
SecZ=1.15
Focus=-0.724
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.150 +0.560 -1.582
T123=8.5 10.2 11.9
ALT/AZ=60.8 106.2
fwAVG=1.76
sdW=714.3
fwW=1.72
sdS=546.0
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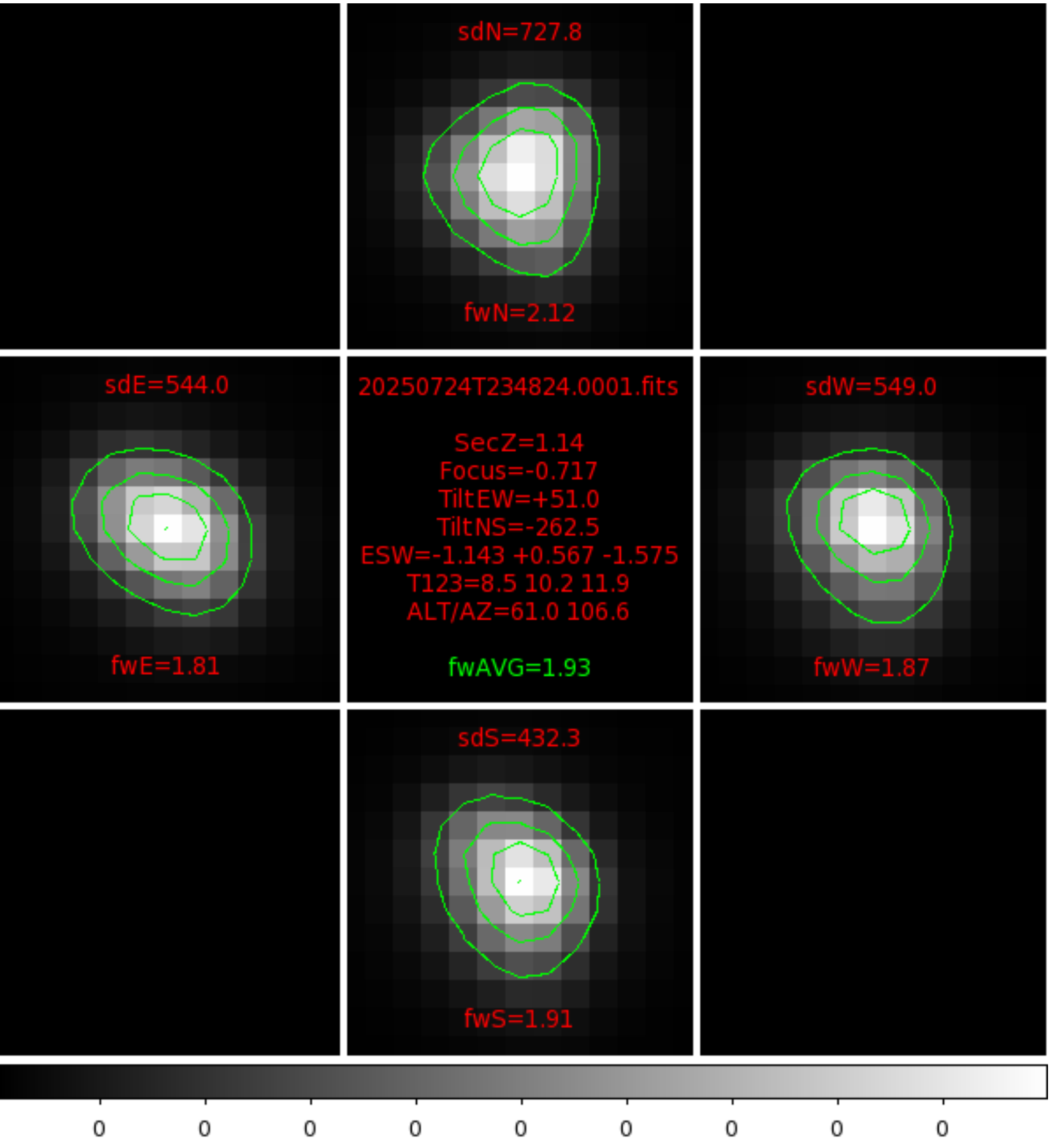
sdN=727.8
fwN=2.12
sdE=544.0
fwE=1.81
20250724T234824.0001.fits
SecZ=1.14
Focus=-0.717
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.143 +0.567 -1.575
T123=8.5 10.2 11.9
ALT/AZ=61.0 106.6
fwAVG=1.93
sdW=549.0
fwW=1.87
sdS=432.3
fwS=1.91
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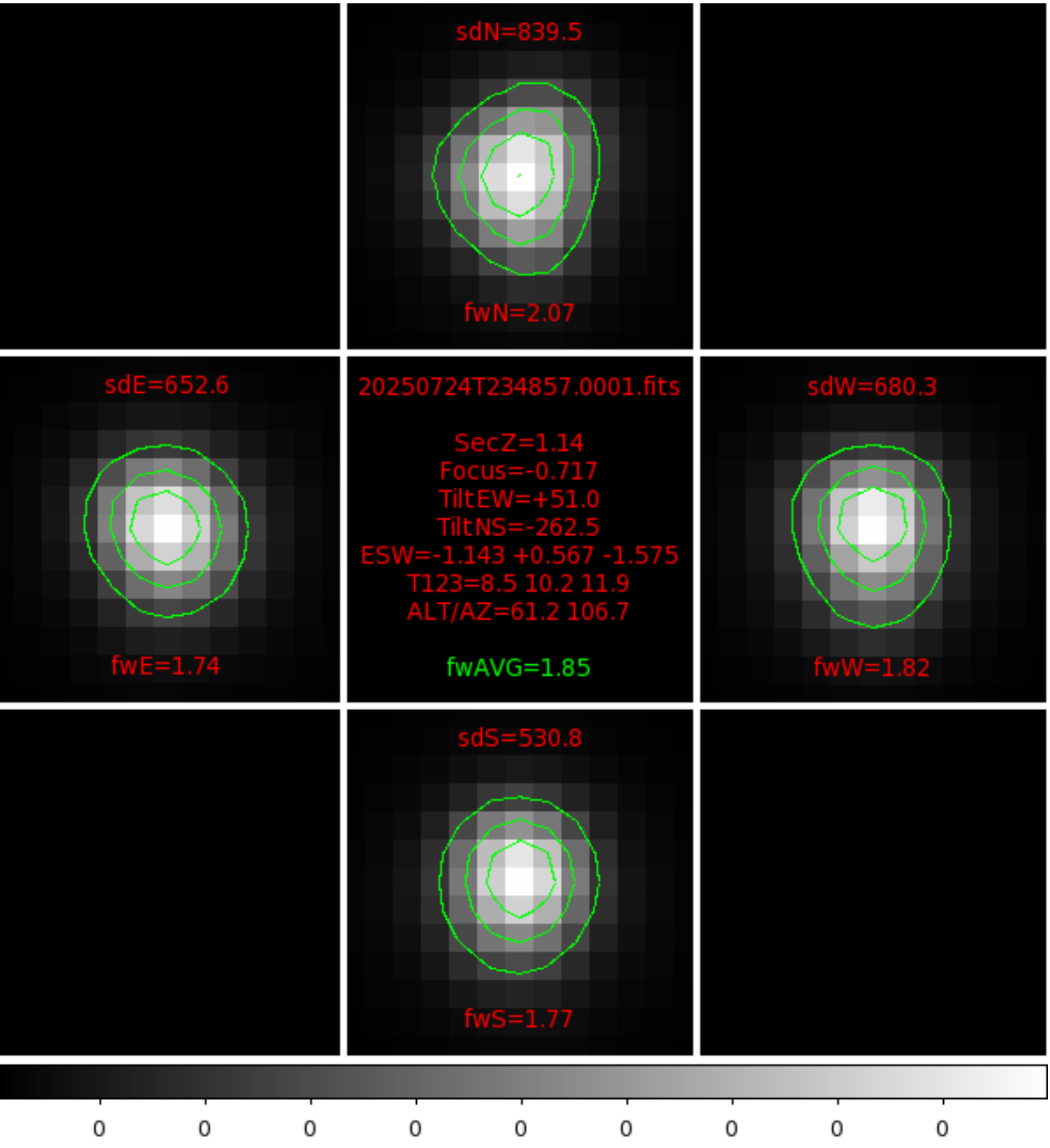
sdN=839.5
fwN=2.07
sdE=652.6
fwE=1.74
20250724T234857.0001.fits
SecZ=1.14
Focus=-0.717
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.143 +0.567 -1.575
T123=8.5 10.2 11.9
ALT/AZ=61.2 106.7
fwAVG=1.85
sdW=680.3
fwW=1.82
sdS=530.8
fwS=1.77
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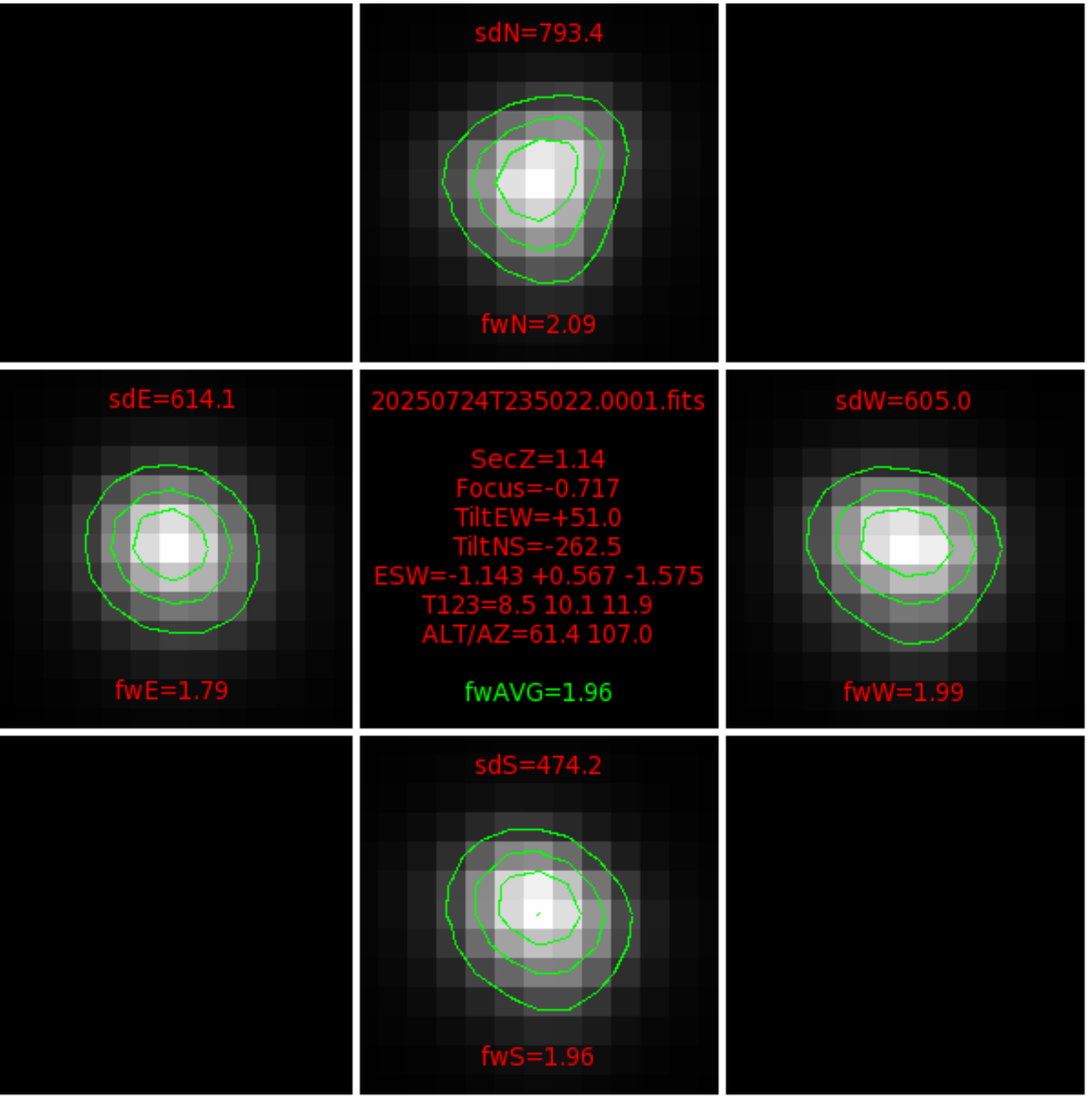
sdN=793.4
fwN=2.09
sdE=614.1
fwE=1.79
20250724T235022.0001.fits
SecZ=1.14
Focus=-0.717
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.143 +0.567 -1.575
T123=8.5 10.1 11.9
ALT/AZ=61.4 107.0
fwAVG=1.96
sdW=605.0
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sdS=474.2
fwS=1.96
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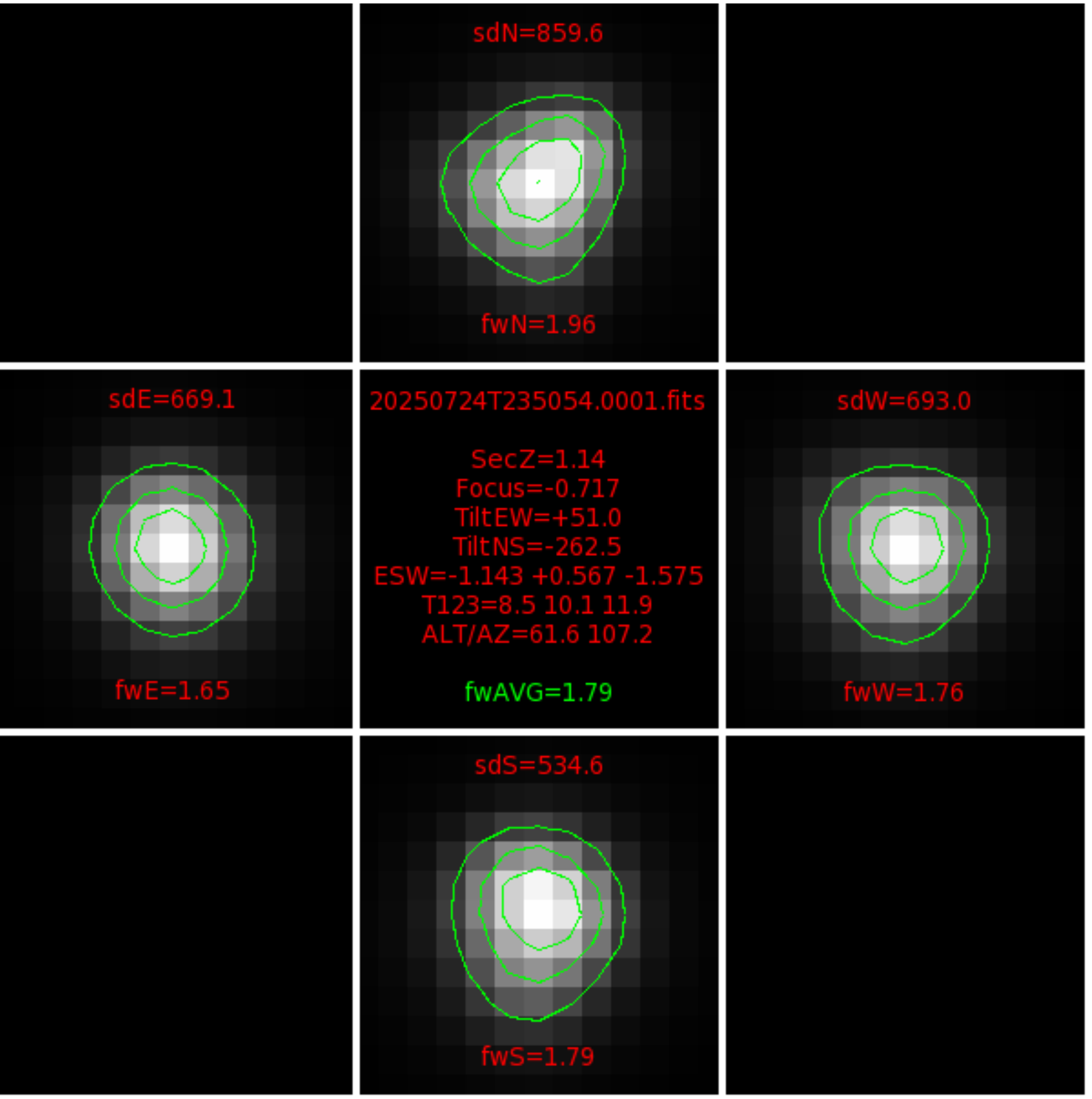
sdN=859.6
fwN=1.96
sdE=669.1
fwE=1.65
20250724T235054.0001.fits
SecZ=1.14
Focus=-0.717
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.143 +0.567 -1.575
T123=8.5 10.1 11.9
ALT/AZ=61.6 107.2
fwAVG=1.79
sdW=693.0
fwW=1.76
sdS=534.6
fwS=1.79
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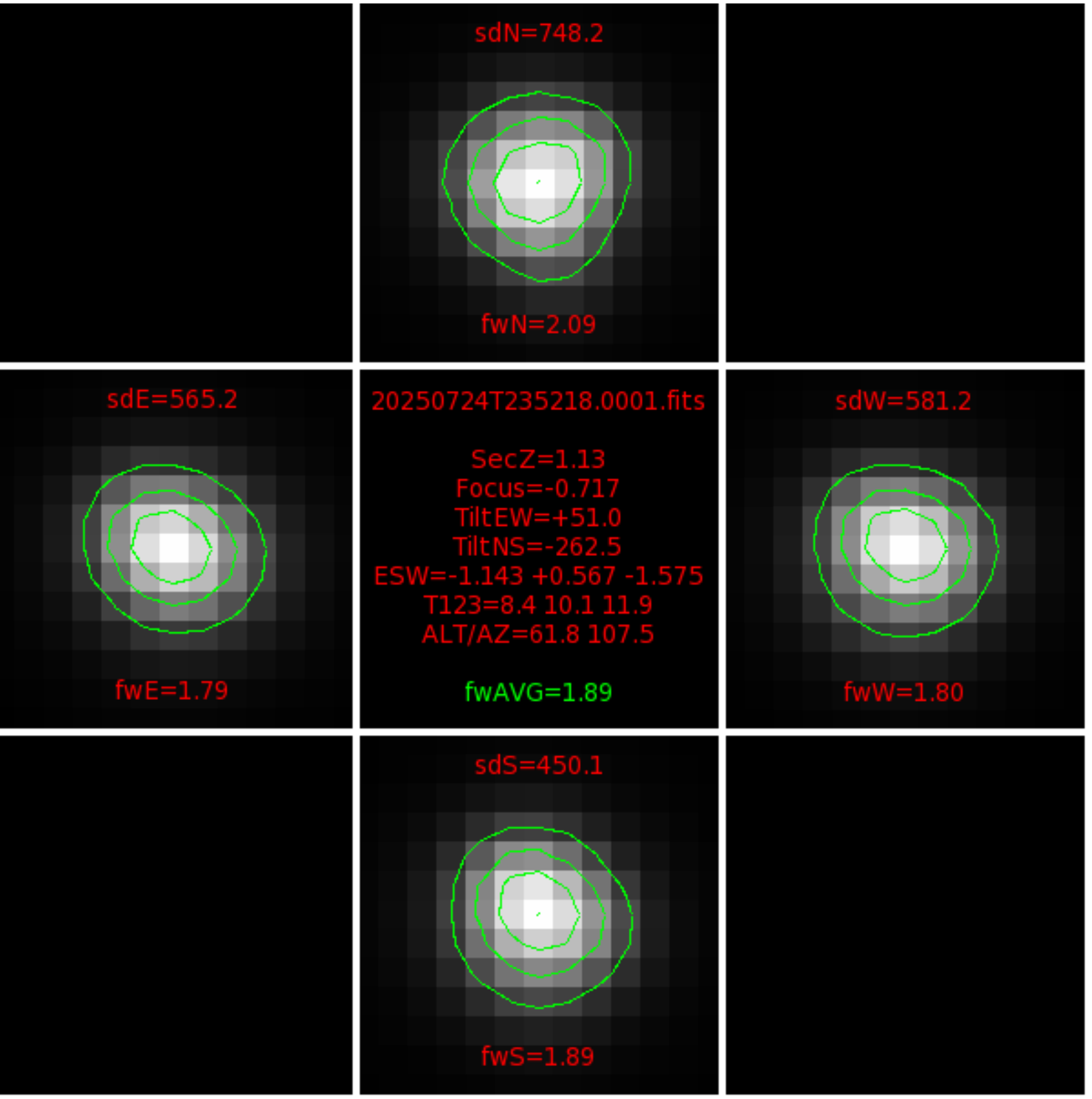
sdN=748.2
fwN=2.09
sdE=565.2
fwE=1.79
20250724T235218.0001.fits
SecZ=1.13
Focus=-0.717
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.143 +0.567 -1.575
T123=8.4 10.1 11.9
ALT/AZ=61.8 107.5
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sdW=581.2
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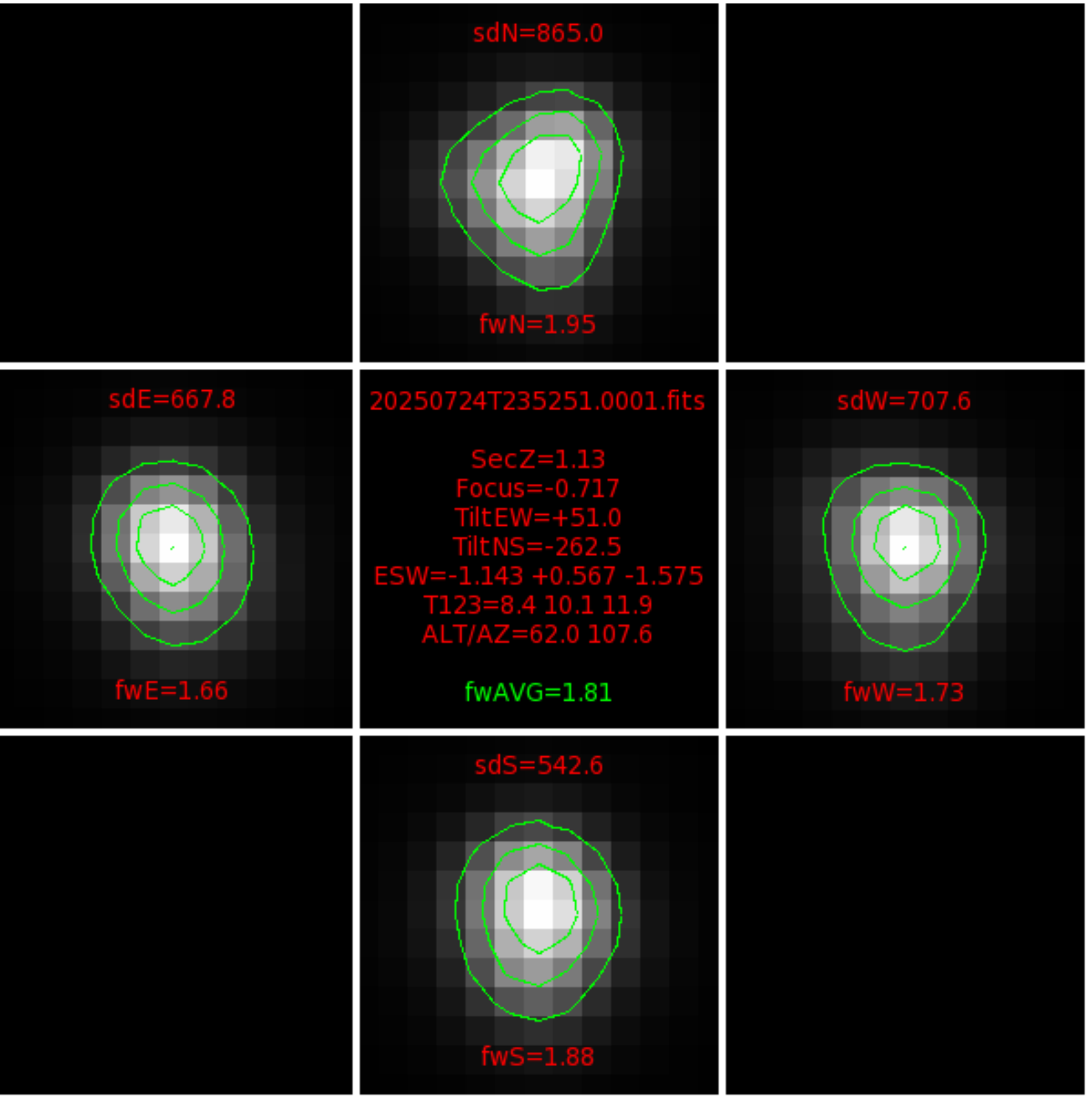
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fwN=1.95
sdE=667.8
fwE=1.66
20250724T235251.0001.fits
SecZ=1.13
Focus=-0.717
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.143 +0.567 -1.575
T123=8.4 10.1 11.9
ALT/AZ=62.0 107.6
fwAVG=1.81
sdW=707.6
fwW=1.73
sdS=542.6
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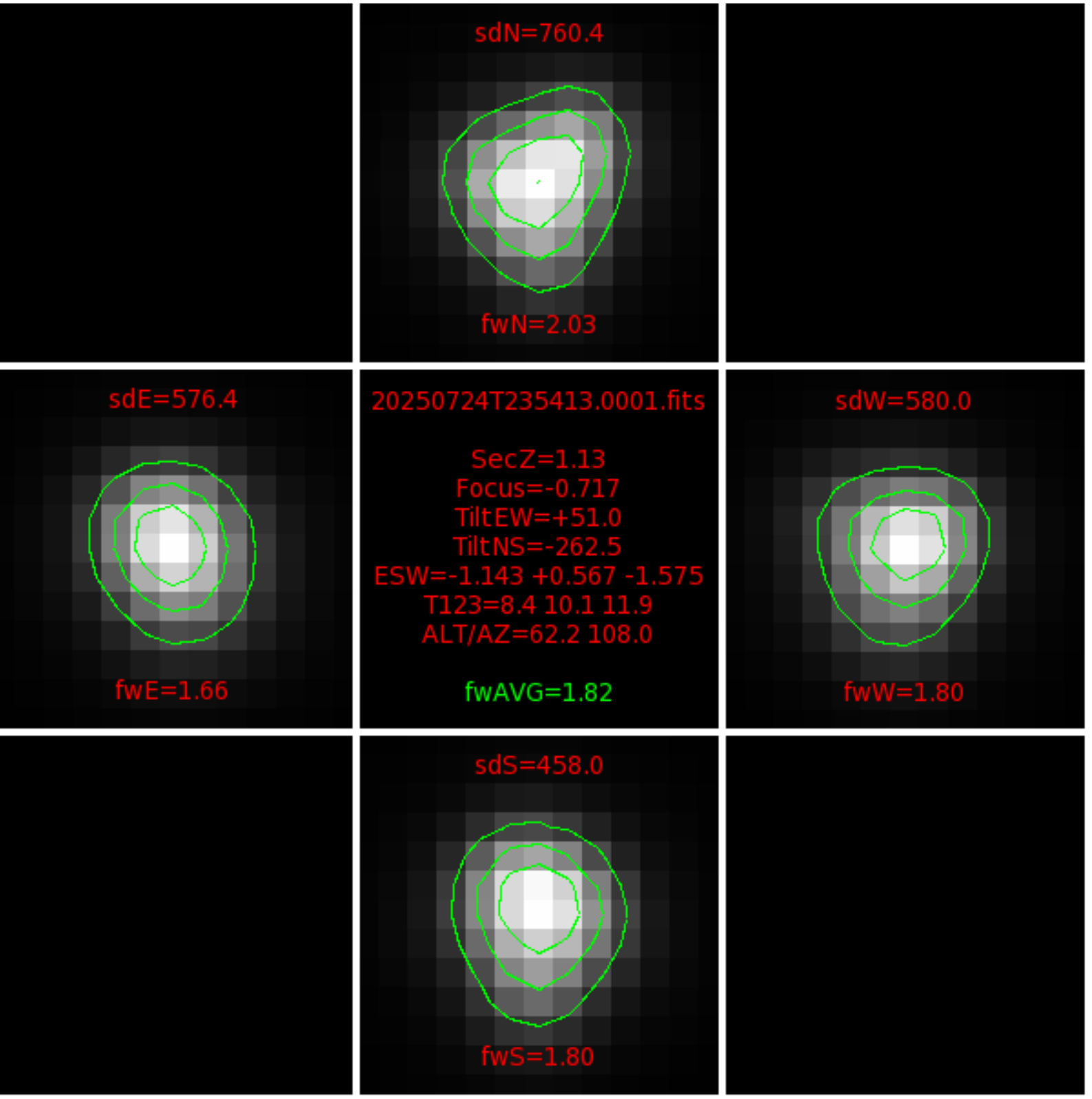
sdN=760.4
fwN=2.03
sdE=576.4
fwE=1.66
20250724T235413.0001.fits
SecZ=1.13
Focus=-0.717
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.143 +0.567 -1.575
T123=8.4 10.1 11.9
ALT/AZ=62.2 108.0
fwAVG=1.82
sdW=580.0
fwW=1.80
sdS=458.0
fwS=1.80
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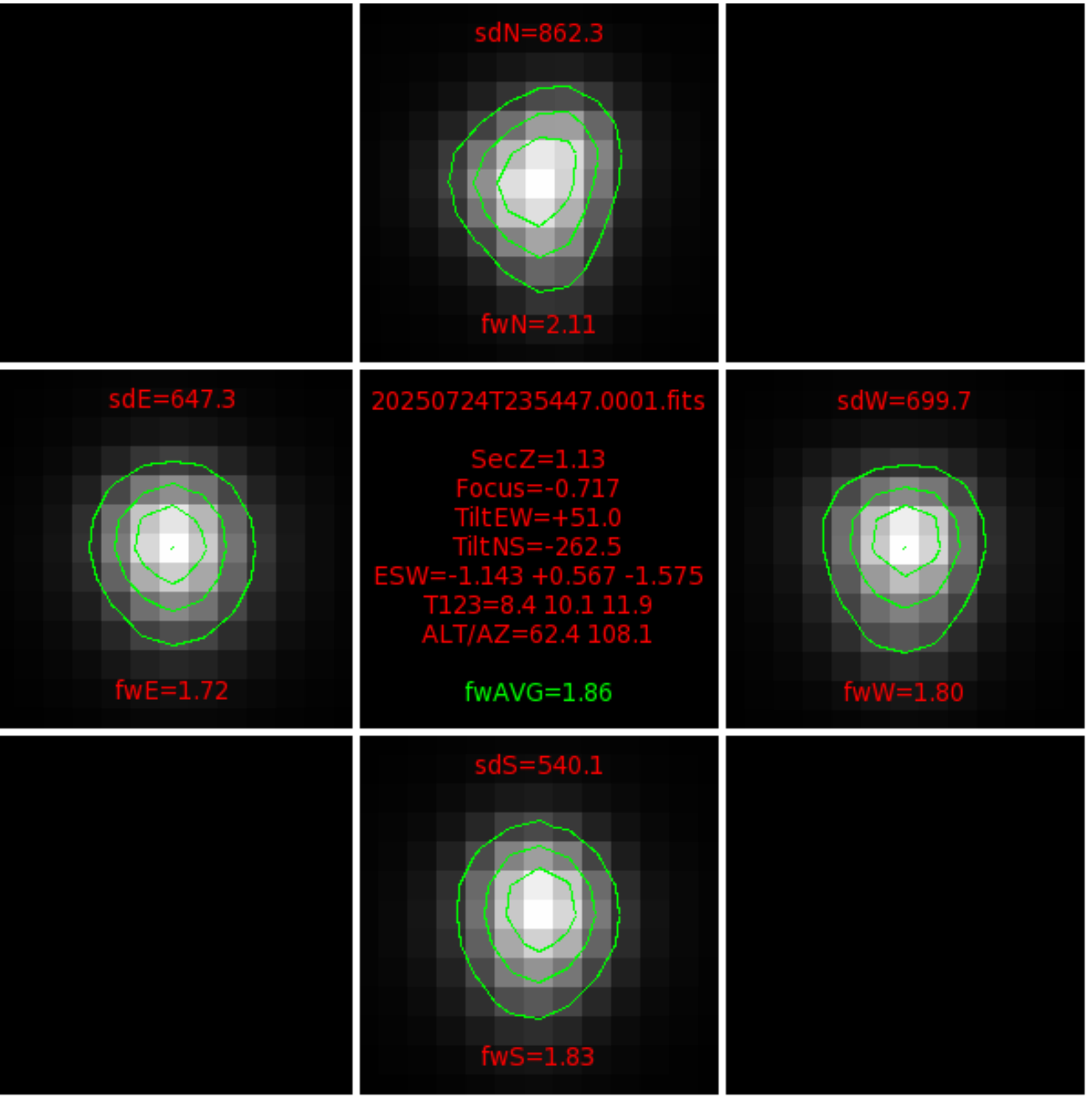
sdN=862.3
fwN=2.11
sdE=647.3
fwE=1.72
20250724T235447.0001.fits
SecZ=1.13
Focus=-0.717
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.143 +0.567 -1.575
T123=8.4 10.1 11.9
ALT/AZ=62.4 108.1
fwAVG=1.86
sdW=699.7
fwW=1.80
sdS=540.1
fwS=1.83
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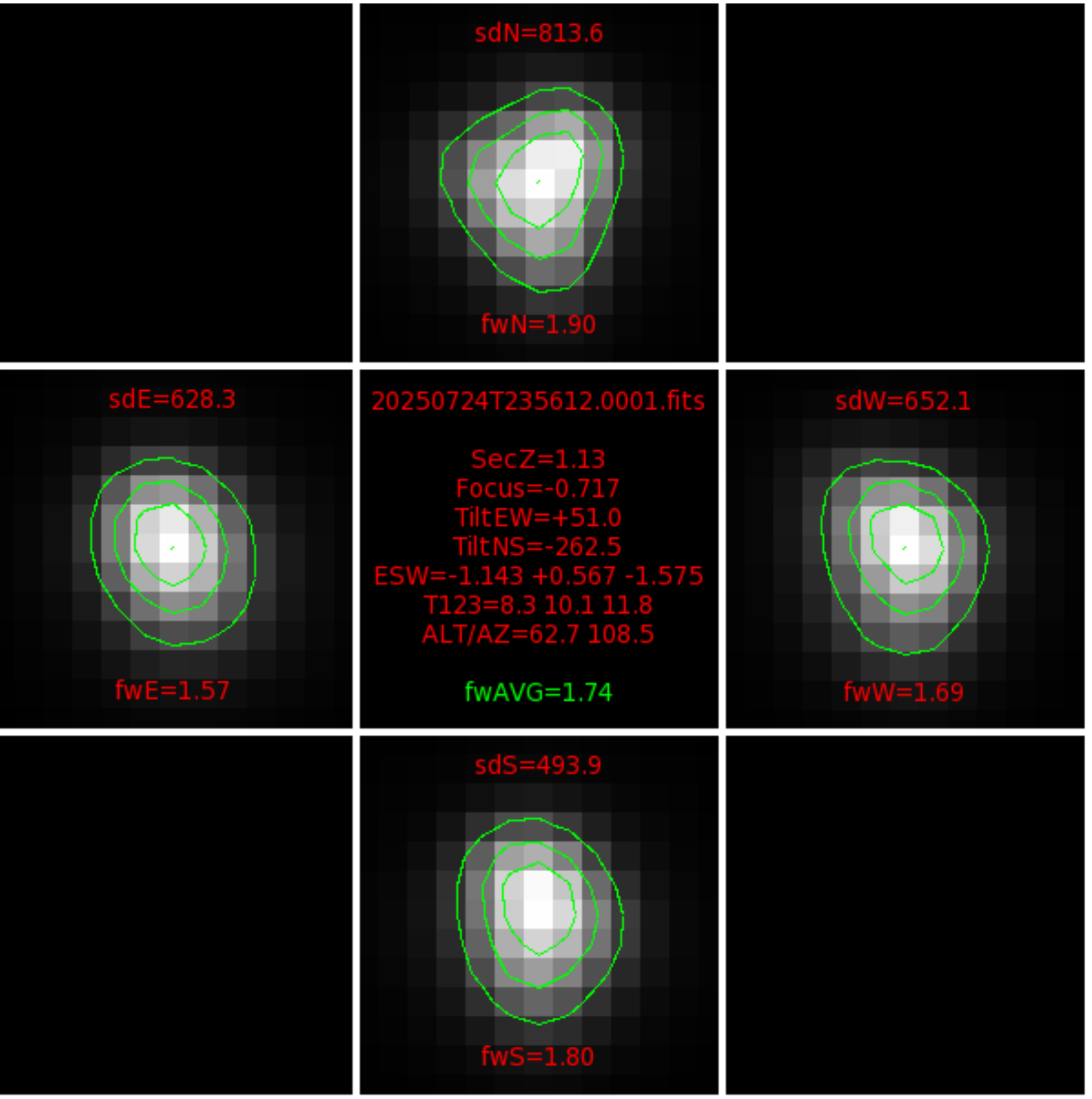
sdN=813.6
fwN=1.90
sdE=628.3
fwE=1.57
20250724T235612.0001.fits
SecZ=1.13
Focus=-0.717
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.143 +0.567 -1.575
T123=8.3 10.1 11.8
ALT/AZ=62.7 108.5
fwAVG=1.74
sdW=652.1
fwW=1.69
sdS=493.9
fwS=1.80
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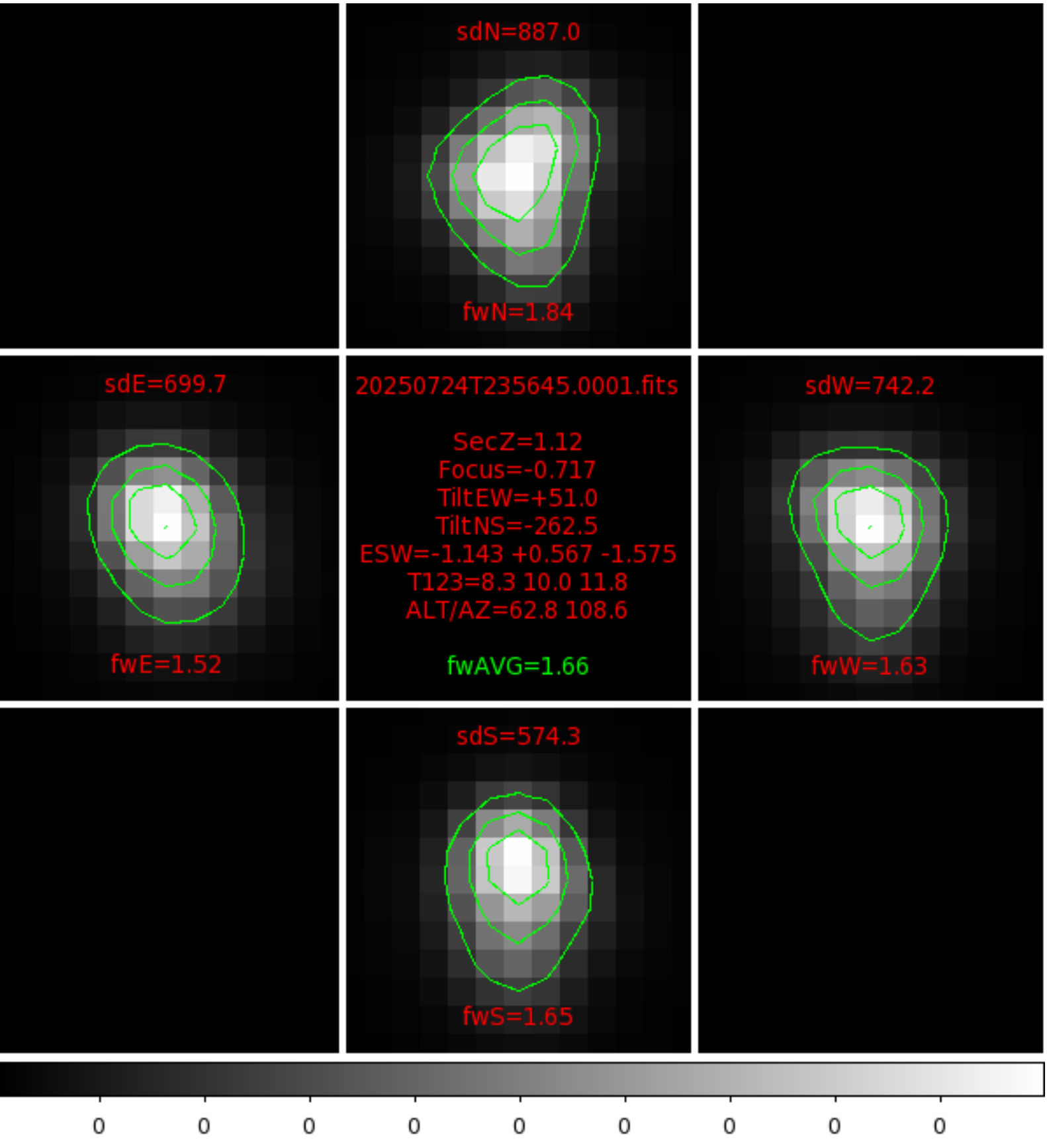
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fwN=1.84
sdE=699.7
fwE=1.52
20250724T235645.0001.fits
SecZ=1.12
Focus=-0.717
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.143 +0.567 -1.575
T123=8.3 10.0 11.8
ALT/AZ=62.8 108.6
fwAVG=1.66
sdW=742.2
fwW=1.63
sdS=574.3
fwS=1.65
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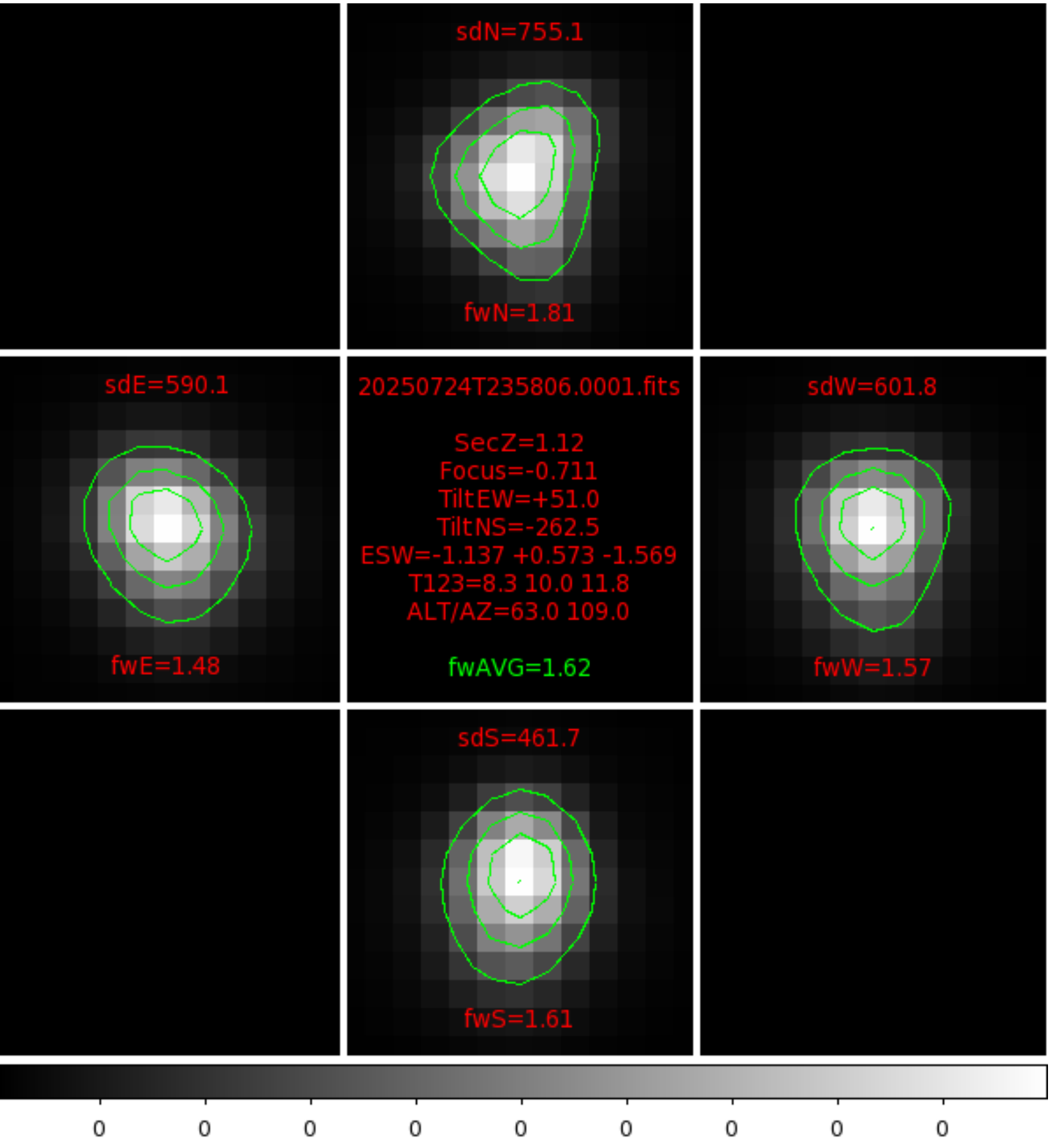
sdN=755.1
fwN=1.81
sdE=590.1
fwE=1.48
20250724T235806.0001.fits
SecZ=1.12
Focus=-0.711
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.137 +0.573 -1.569
T123=8.3 10.0 11.8
ALT/AZ=63.0 109.0
fwAVG=1.62
sdW=601.8
fwW=1.57
sdS=461.7
fwS=1.61
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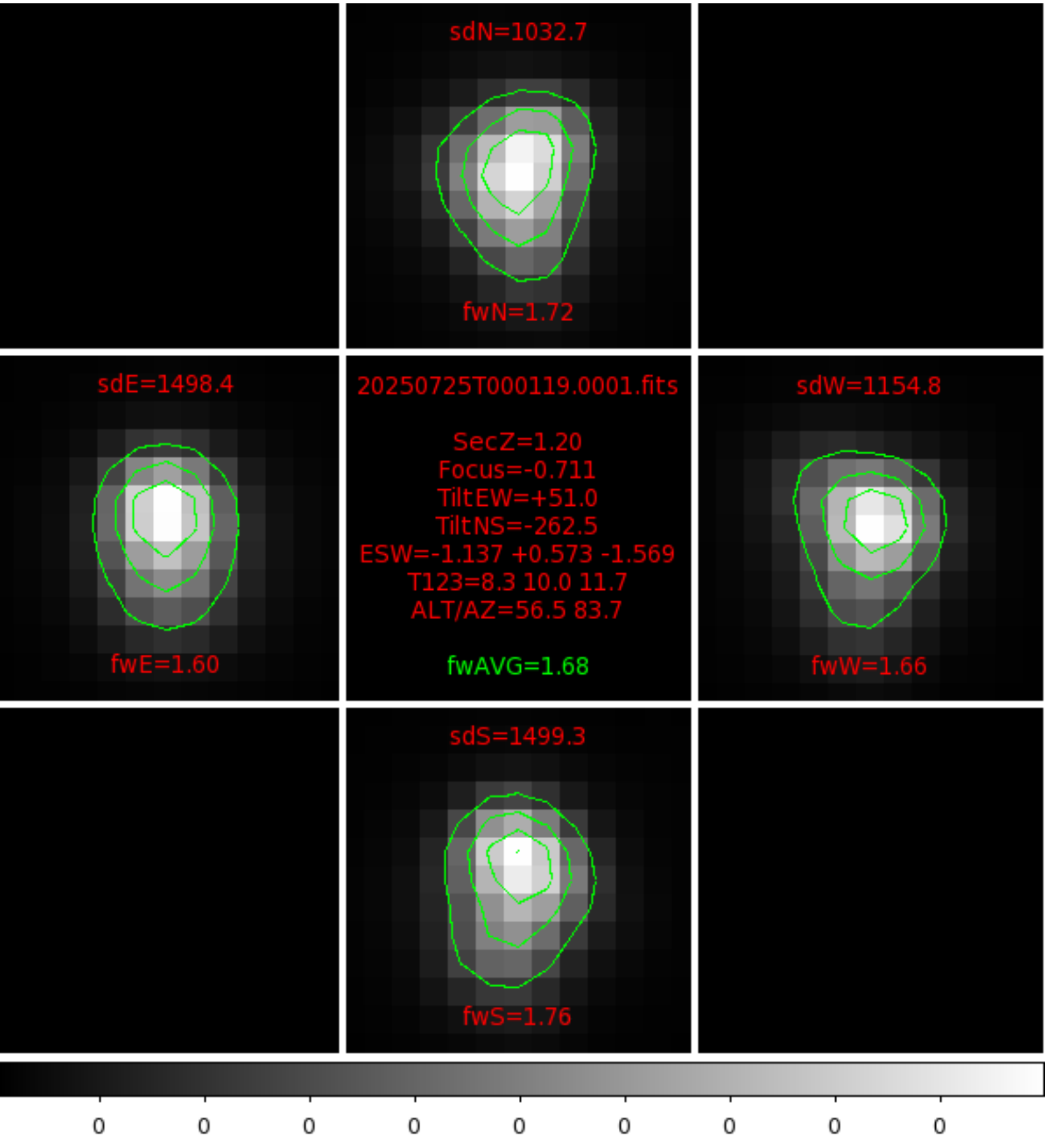
sdN=1032.7
fwN=1.72
sdE=1498.4
fwE=1.60
20250725T000119.0001.fits
SecZ=1.20
Focus=-0.711
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.137 +0.573 -1.569
T123=8.3 10.0 11.7
ALT/AZ=56.5 83.7
fwAVG=1.68
sdW=1154.8
fwW=1.66
sdS=1499.3
fwS=1.76
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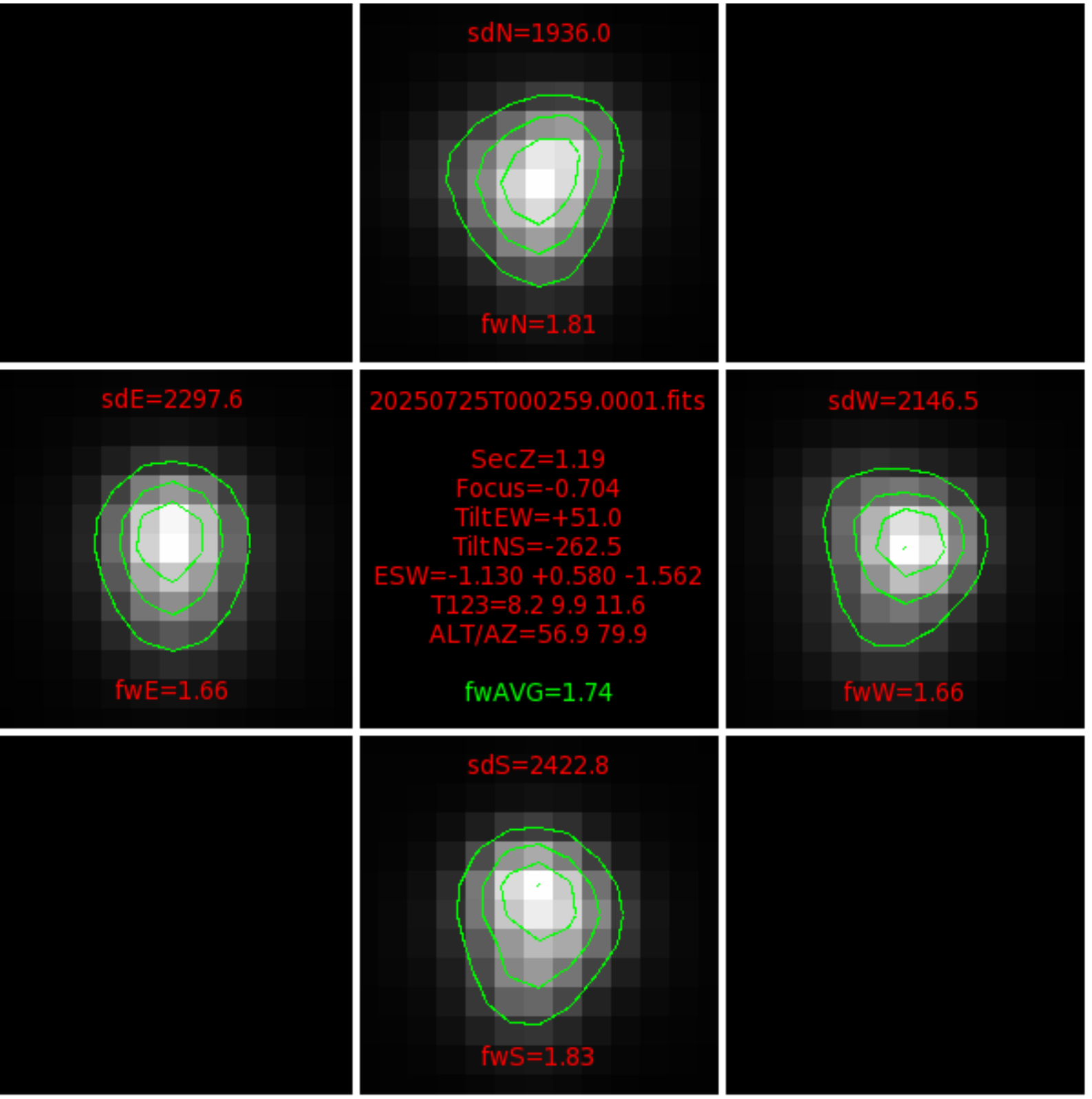
sdN=1936.0
fwN=1.81
sdE=2297.6
fwE=1.66
20250725T000259.0001.fits
SecZ=1.19
Focus=-0.704
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.130 +0.580 -1.562
T123=8.2 9.9 11.6
ALT/AZ=56.9 79.9
fwAVG=1.74
sdW=2146.5
fwW=1.66
sdS=2422.8
fwS=1.83
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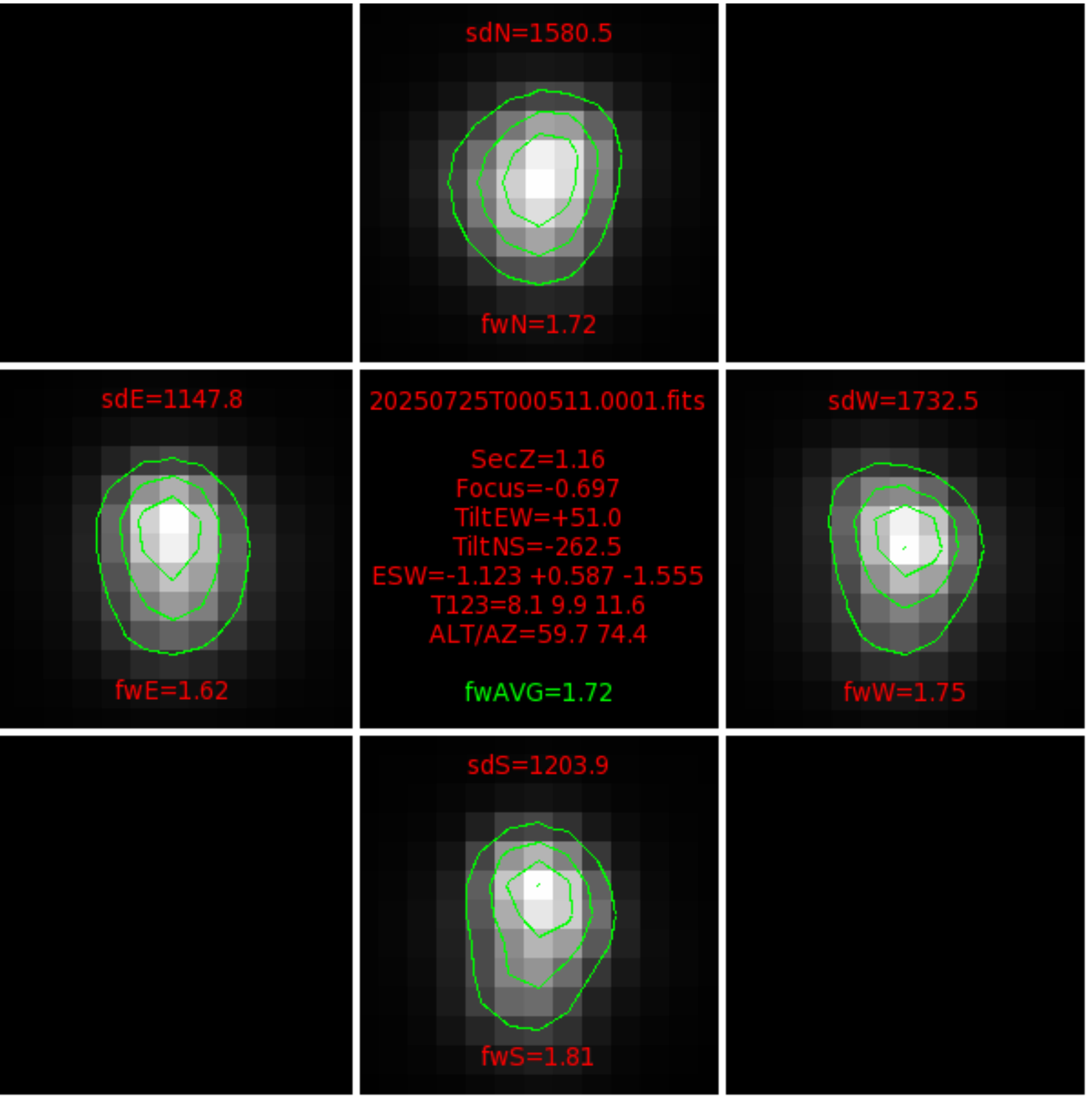
sdN=1580.5
fwN=1.72
sdE=1147.8
fwE=1.62
20250725T000511.0001.fits
SecZ=1.16
Focus=-0.697
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.123 +0.587 -1.555
T123=8.1 9.9 11.6
ALT/AZ=59.7 74.4
fwAVG=1.72
sdW=1732.5
fwW=1.75
sdS=1203.9
fwS=1.81
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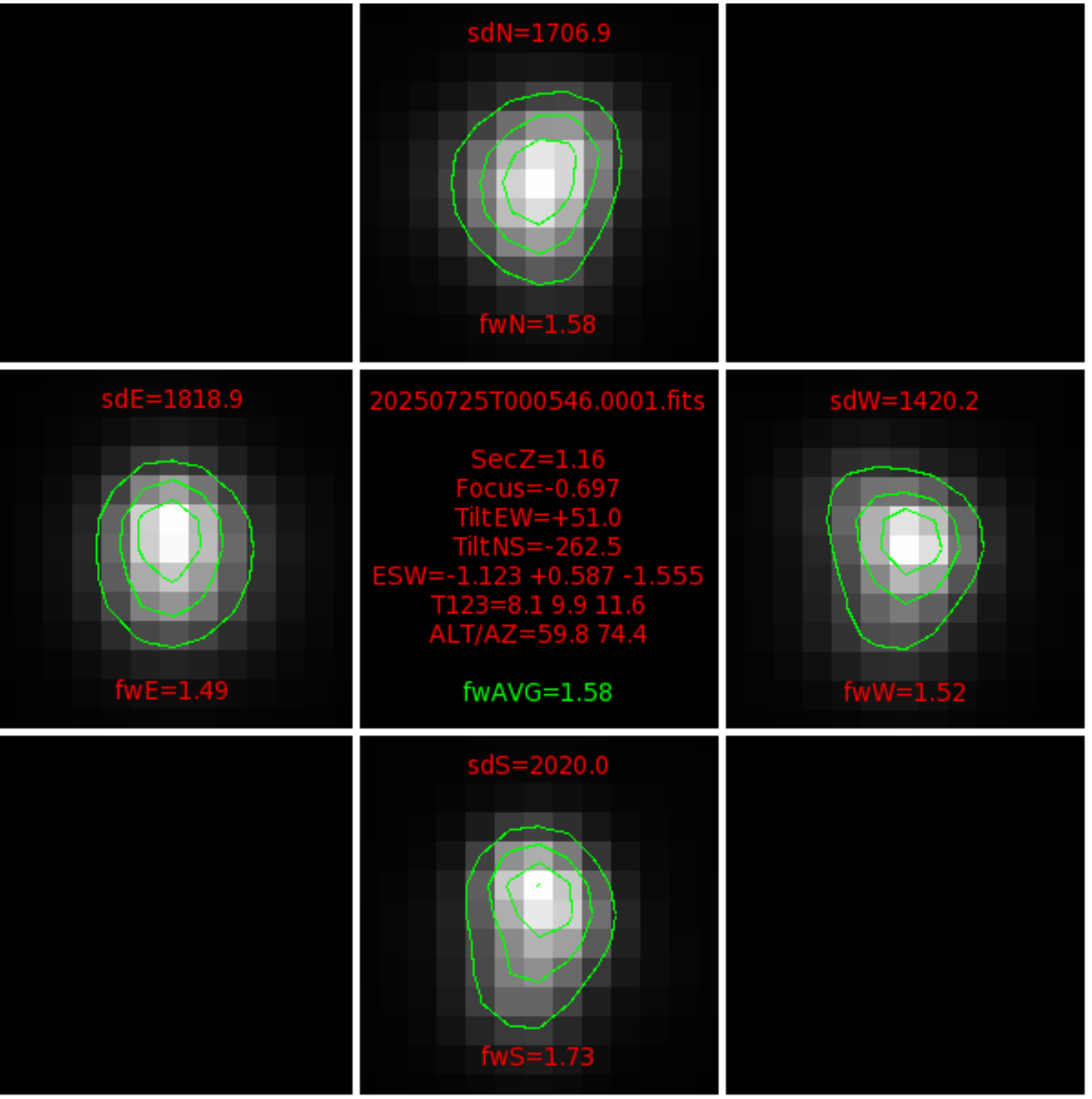
sdN=1706.9
fwN=1.58
sdE=1818.9
fwE=1.49
20250725T000546.0001.fits
SecZ=1.16
Focus=-0.697
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.123 +0.587 -1.555
T123=8.1 9.9 11.6
ALT/AZ=59.8 74.4
fwAVG=1.58
sdW=1420.2
fwW=1.52
sdS=2020.0
fwS=1.73
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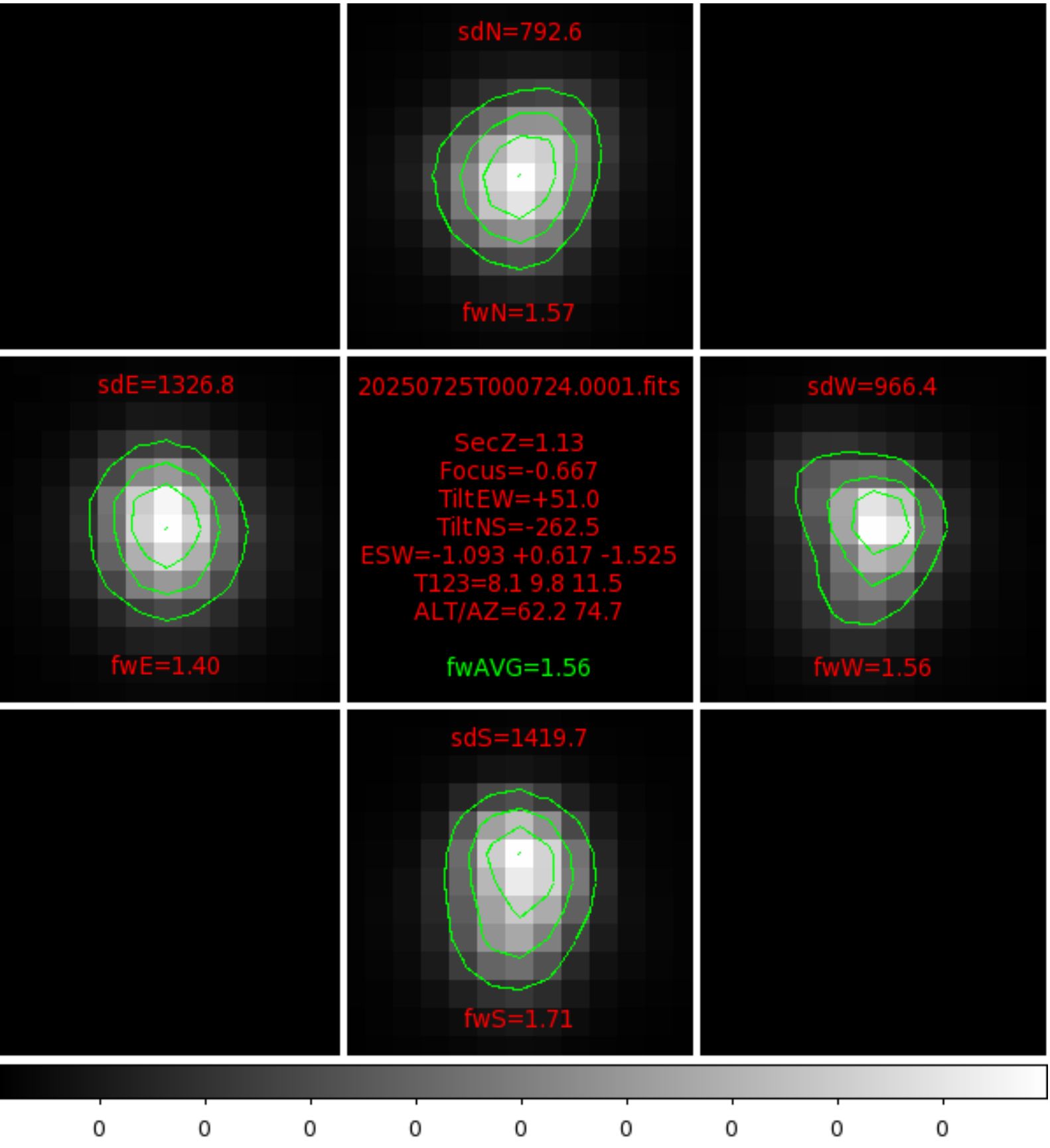
sdN=792.6
fwN=1.57
sdE=1326.8
fwE=1.40
20250725T000724.0001.fits
SecZ=1.13
Focus=-0.667
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.093 +0.617 -1.525
T123=8.1 9.8 11.5
ALT/AZ=62.2 74.7
fwAVG=1.56
sdW=966.4
fwW=1.56
sdS=1419.7
fwS=1.71
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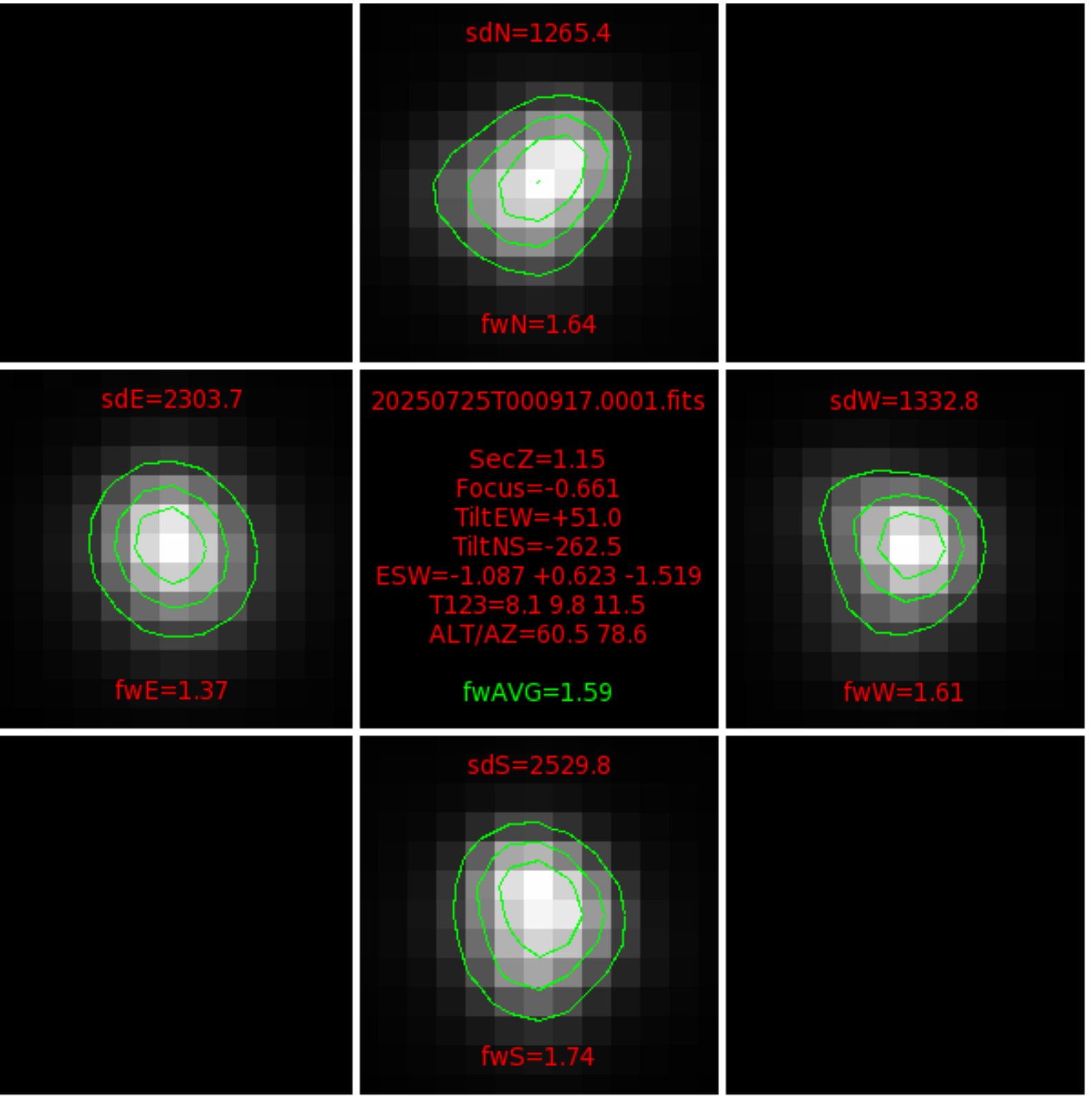
sdN=1265.4
fwN=1.64
sdE=2303.7
fwE=1.37
20250725T000917.0001.fits
SecZ=1.15
Focus=-0.661
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.087 +0.623 -1.519
T123=8.1 9.8 11.5
ALT/AZ=60.5 78.6
fwAVG=1.59
sdW=1332.8
fwW=1.61
sdS=2529.8
fwS=1.74
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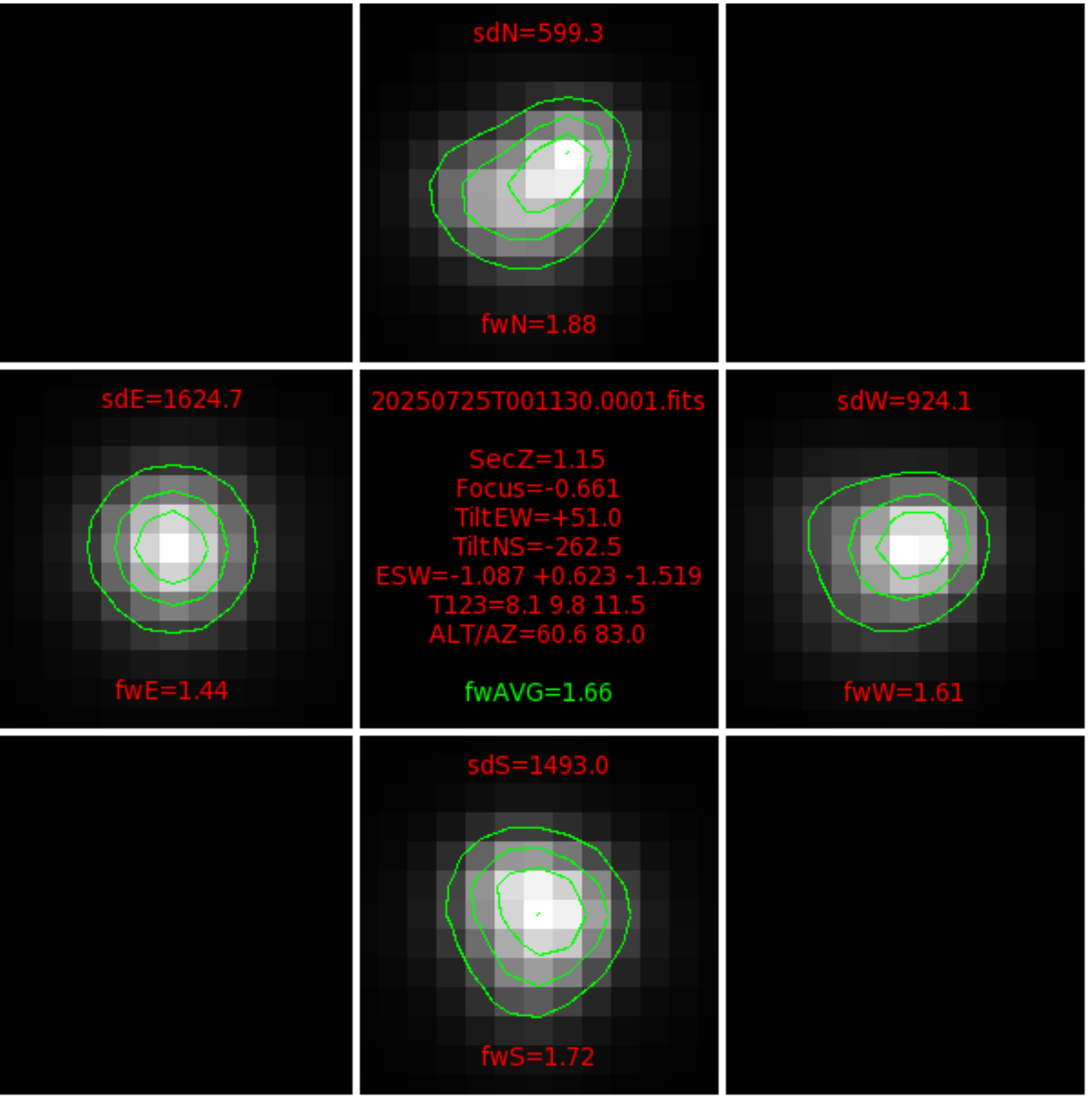
sdN=599.3
fwN=1.88
sdE=1624.7
fwE=1.44
20250725T001130.0001.fits
SecZ=1.15
Focus=-0.661
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.087 +0.623 -1.519
T123=8.1 9.8 11.5
ALT/AZ=60.6 83.0
fwAVG=1.66
sdW=924.1
fwW=1.61
sdS=1493.0
fwS=1.72
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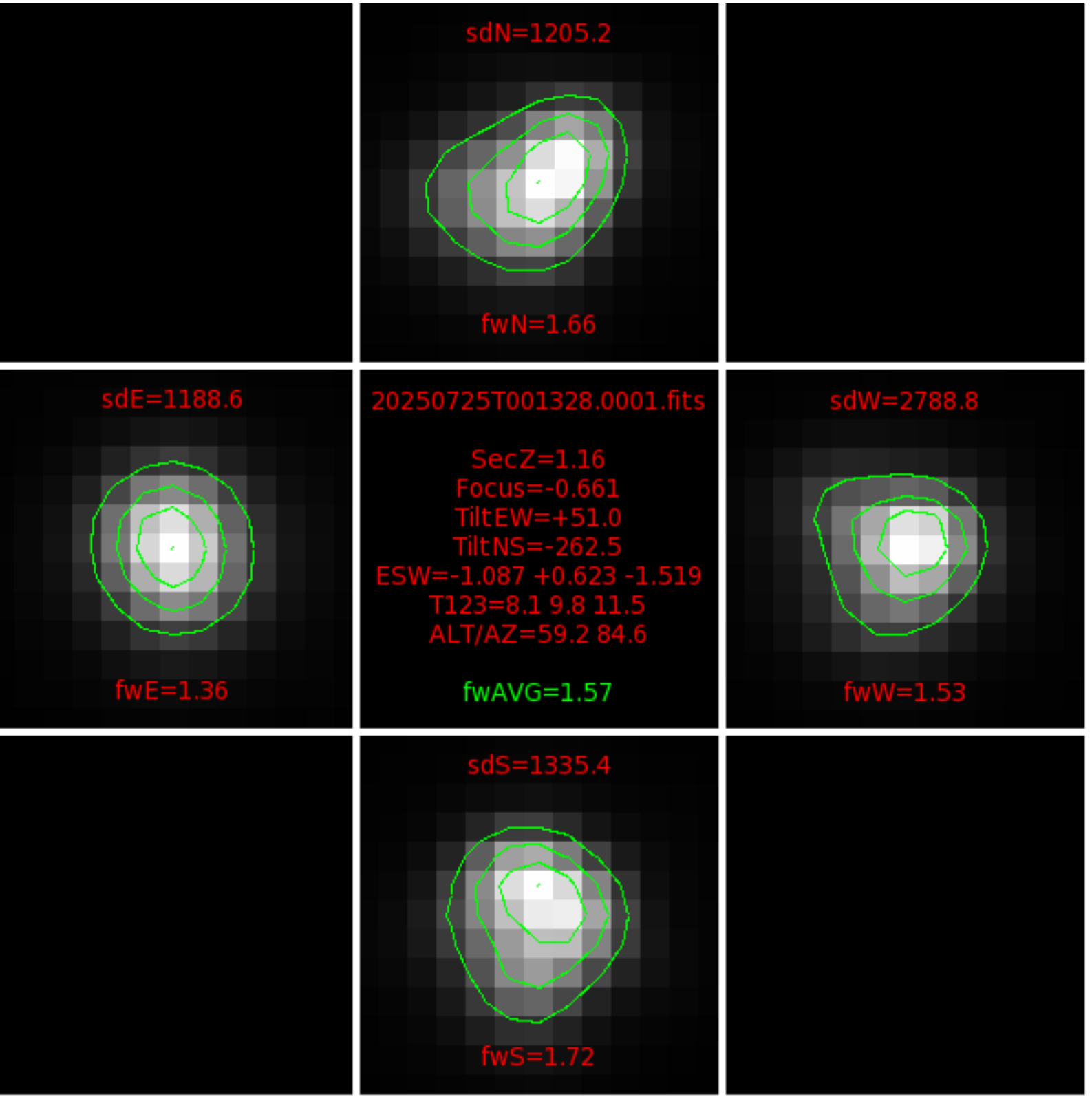
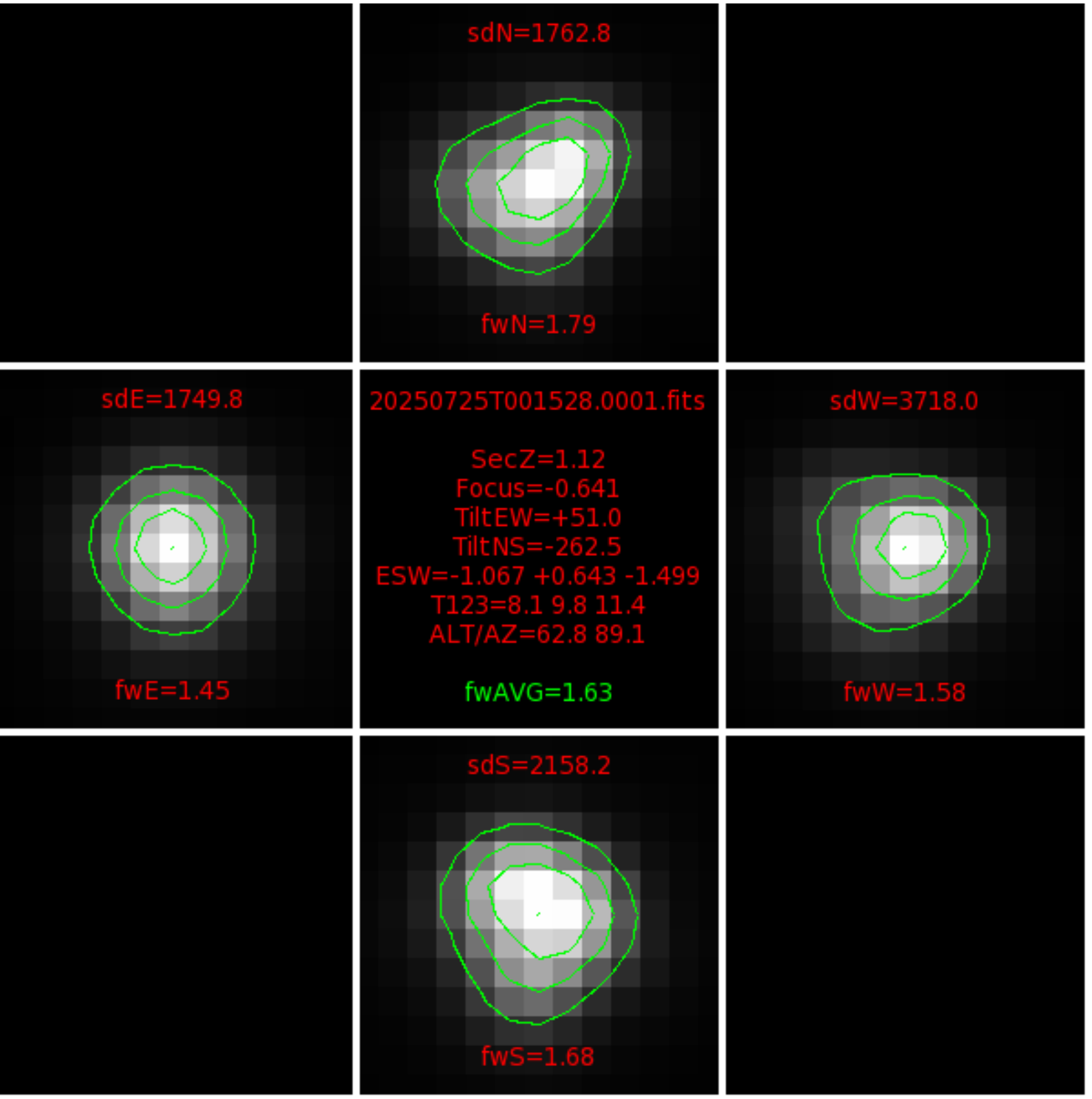

sdN=1205.2
fwN=1.66
sdE=1188.6
fwE=1.36
20250725T001328.0001.fits
SecZ=1.16
Focus=-0.661
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.087 +0.623 -1.519
T123=8.1 9.8 11.5
ALT/AZ=59.2 84.6
fwAVG=1.57
sdW=2788.8
fwW=1.53
sdS=1335.4
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=1762.8
fwN=1.79
sdE=1749.8
fwE=1.45
20250725T001528.0001.fits
SecZ=1.12
Focus=-0.641
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.067 +0.643 -1.499
T123=8.1 9.8 11.4
ALT/AZ=62.8 89.1
fwAVG=1.63
sdW=3718.0
fwW=1.58
sdS=2158.2
fwS=1.68
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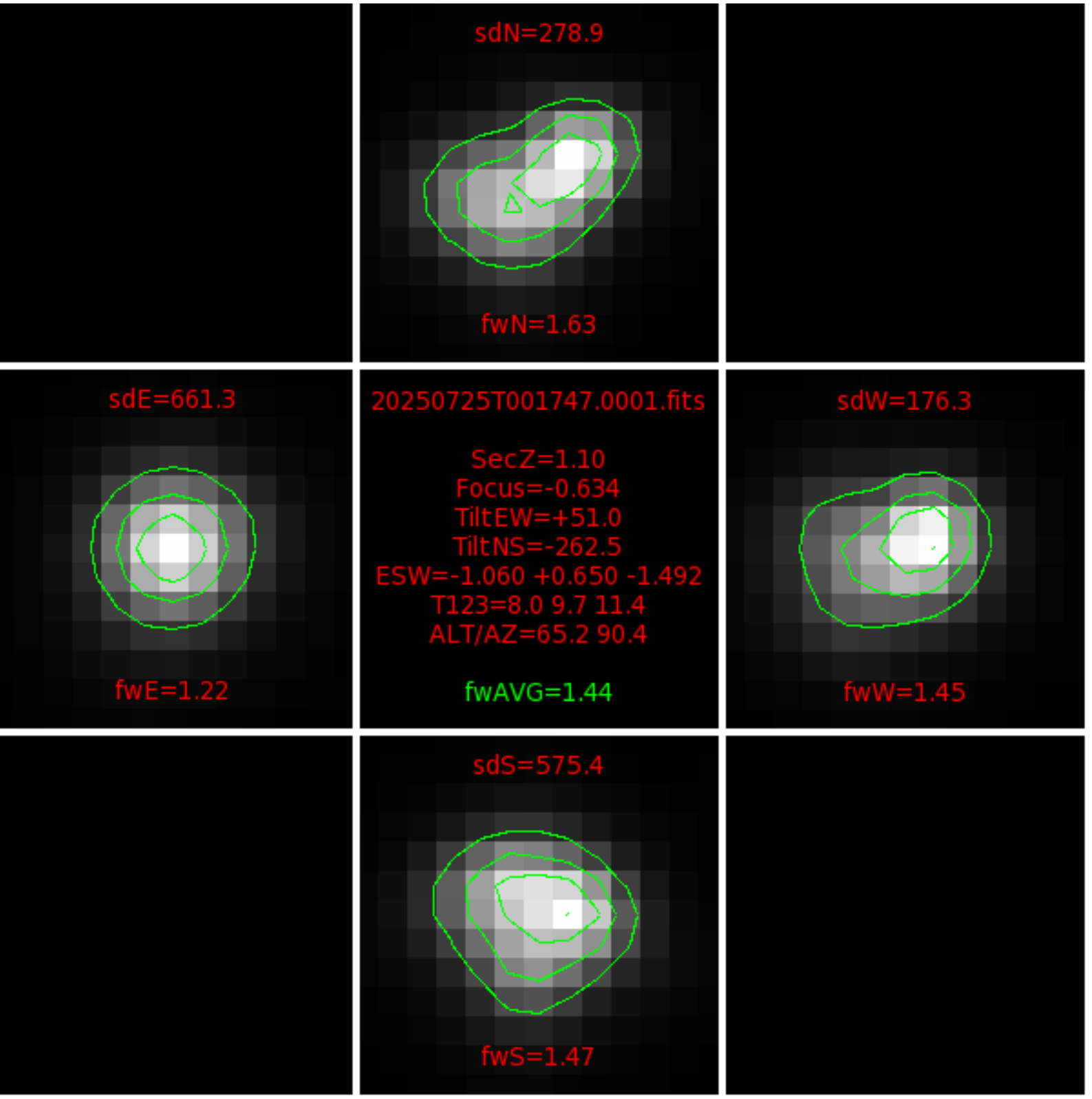
sdN=278.9
fwN=1.63
sdE=661.3
fwE=1.22
20250725T001747.0001.fits
SecZ=1.10
Focus=-0.634
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.060 +0.650 -1.492
T123=8.0 9.7 11.4
ALT/AZ=65.2 90.4
fwAVG=1.44
sdW=176.3
fwW=1.45
sdS=575.4
fwS=1.47
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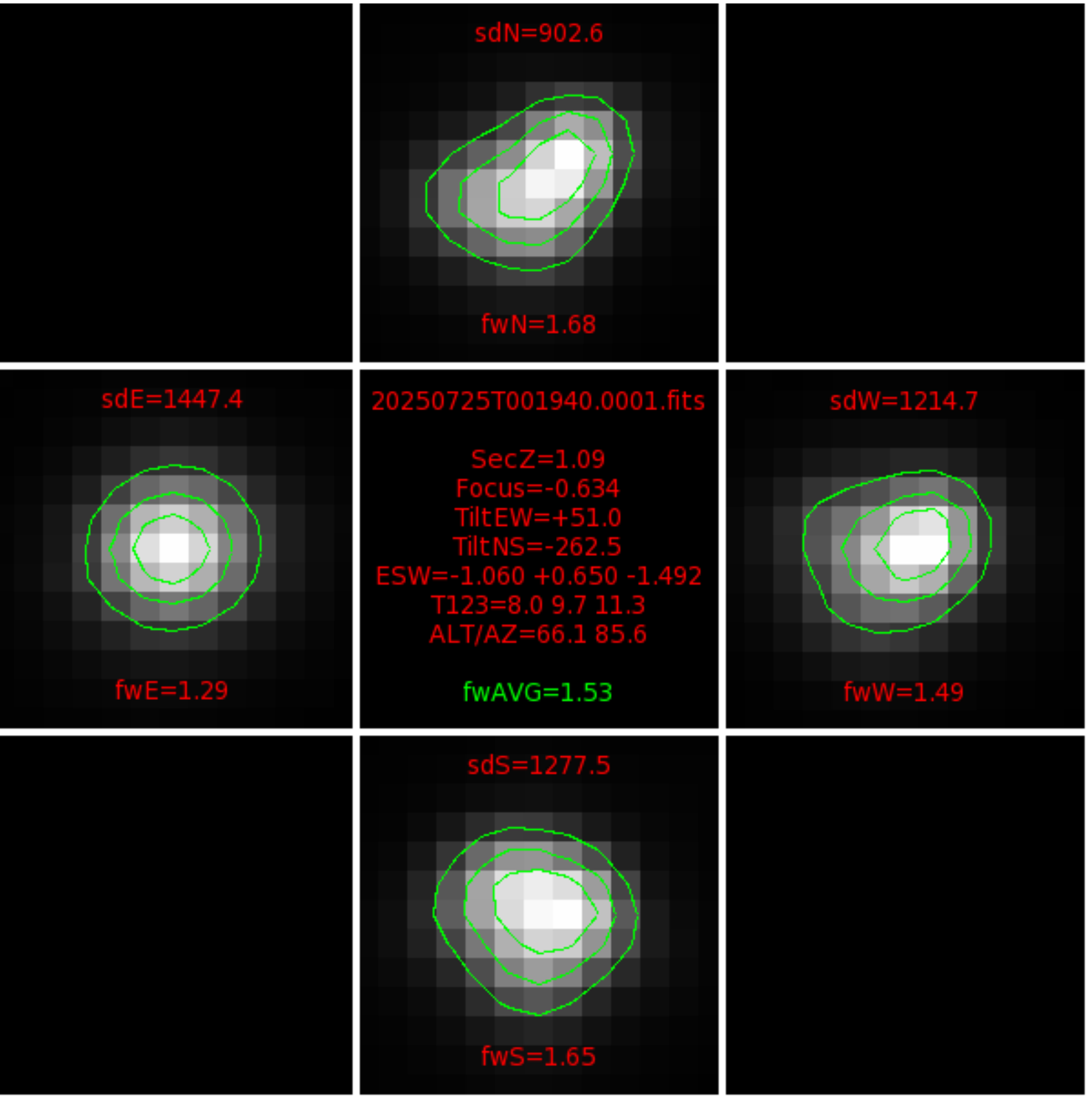
sdN=902.6
fwN=1.68
sdE=1447.4
fwE=1.29
20250725T001940.0001.fits
SecZ=1.09
Focus=-0.634
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.060 +0.650 -1.492
T123=8.0 9.7 11.3
ALT/AZ=66.1 85.6
fwAVG=1.53
sdW=1214.7
fwW=1.49
sdS=1277.5
fwS=1.65
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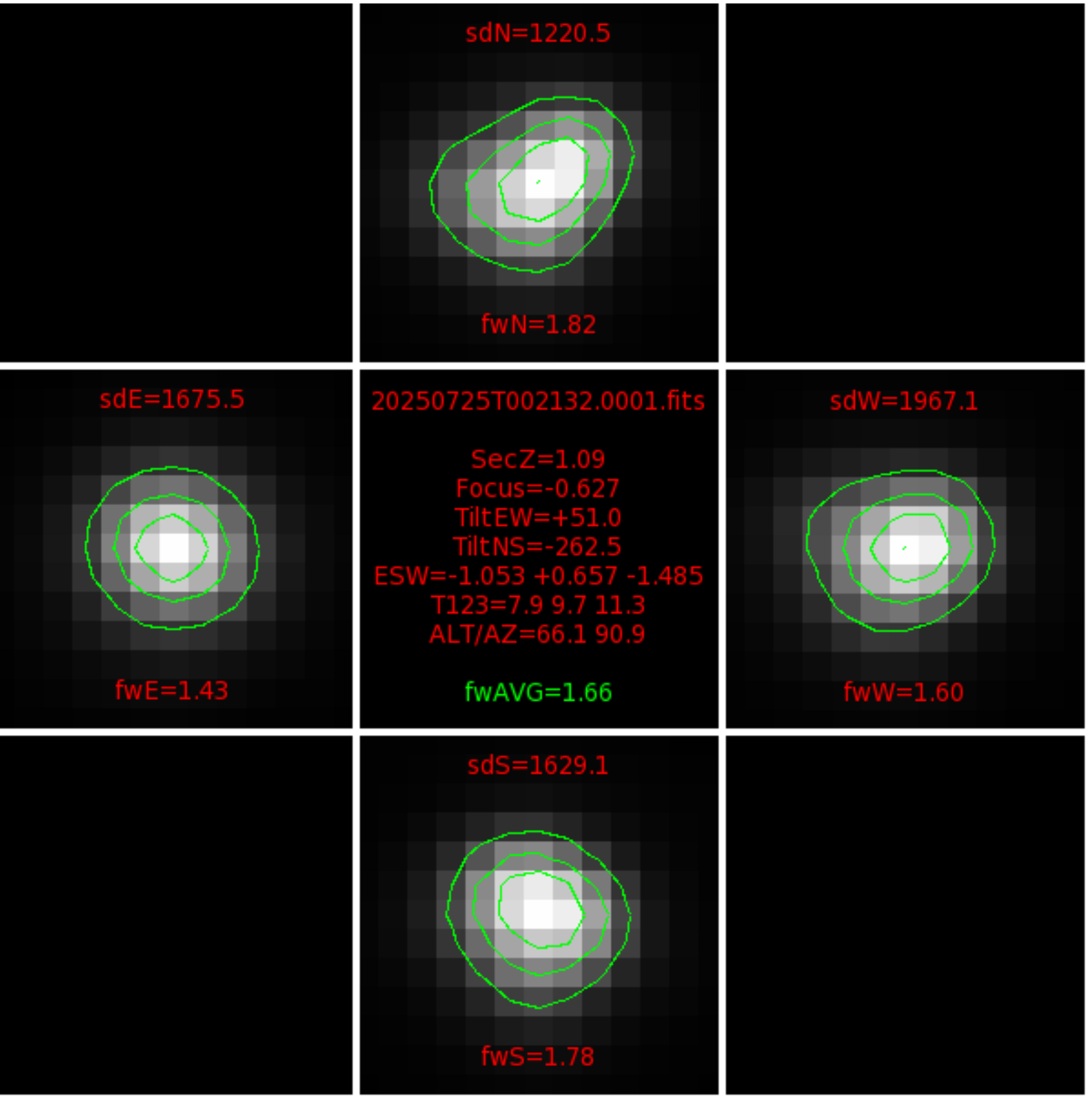
sdN=1220.5
fwN=1.82
sdE=1675.5
fwE=1.43
20250725T002132.0001.fits
SecZ=1.09
Focus=-0.627
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.053 +0.657 -1.485
T123=7.9 9.7 11.3
ALT/AZ=66.1 90.9
fwAVG=1.66
sdW=1967.1
fwW=1.60
sdS=1629.1
fwS=1.78
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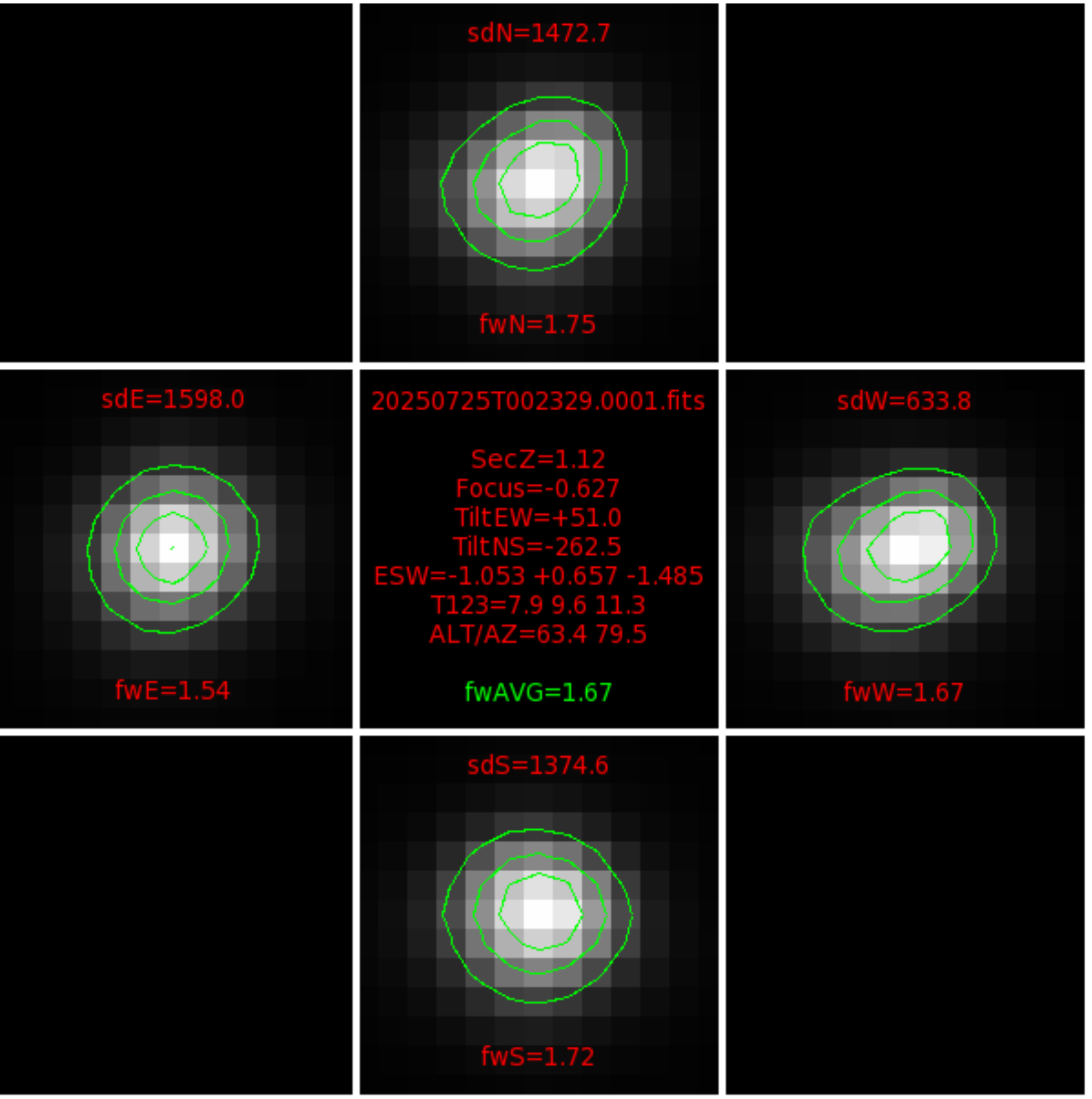
sdN=1472.7
fwN=1.75
sdE=1598.0
fwE=1.54
20250725T002329.0001.fits
SecZ=1.12
Focus=-0.627
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.053 +0.657 -1.485
T123=7.9 9.6 11.3
ALT/AZ=63.4 79.5
fwAVG=1.67
sdW=633.8
fwW=1.67
sdS=1374.6
fwS=1.72
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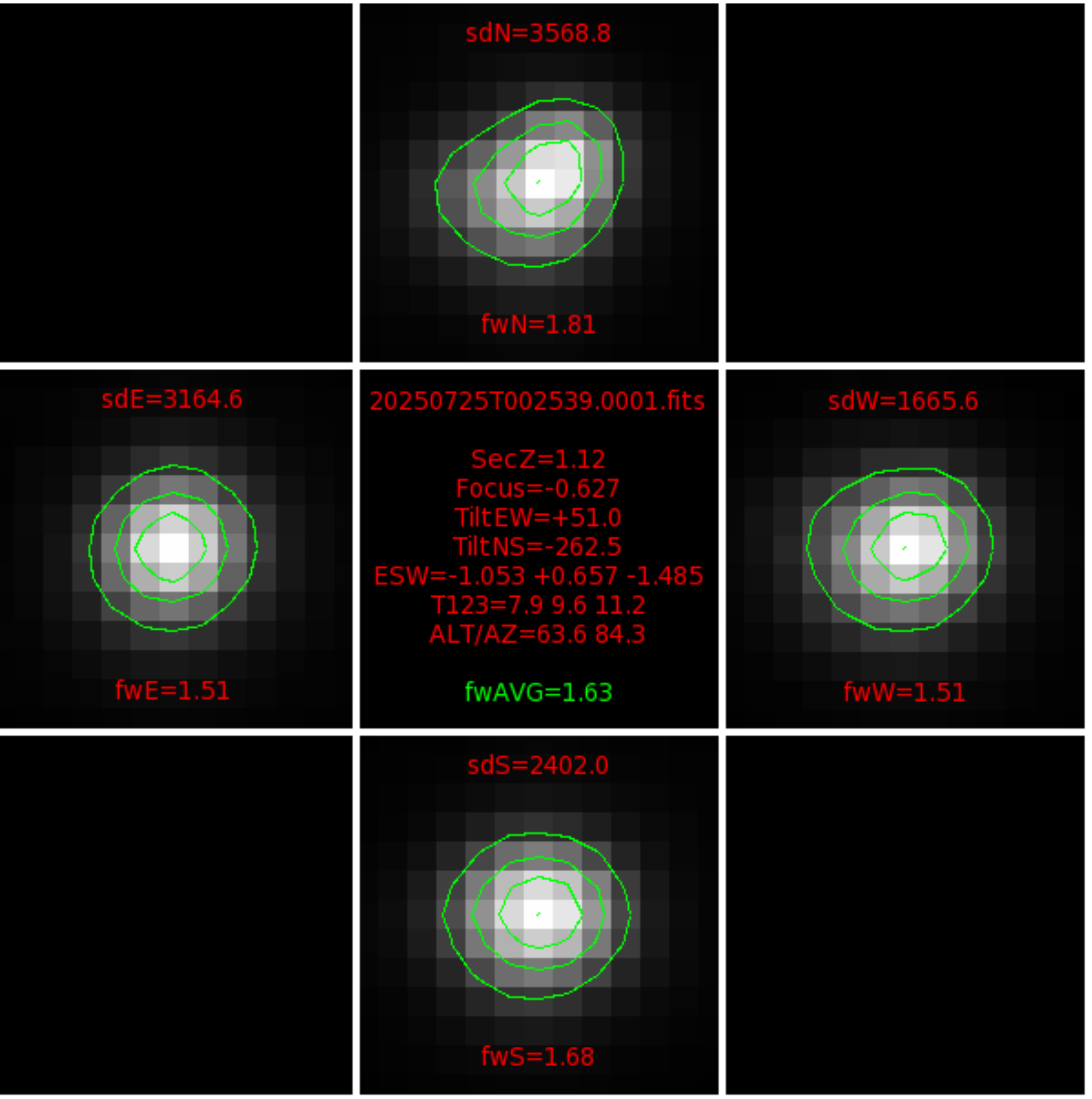
sdN=3568.8
fwN=1.81
sdE=3164.6
fwE=1.51
20250725T002539.0001.fits
SecZ=1.12
Focus=-0.627
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.053 +0.657 -1.485
T123=7.9 9.6 11.2
ALT/AZ=63.6 84.3
fwAVG=1.63
sdW=1665.6
fwW=1.51
sdS=2402.0
fwS=1.68
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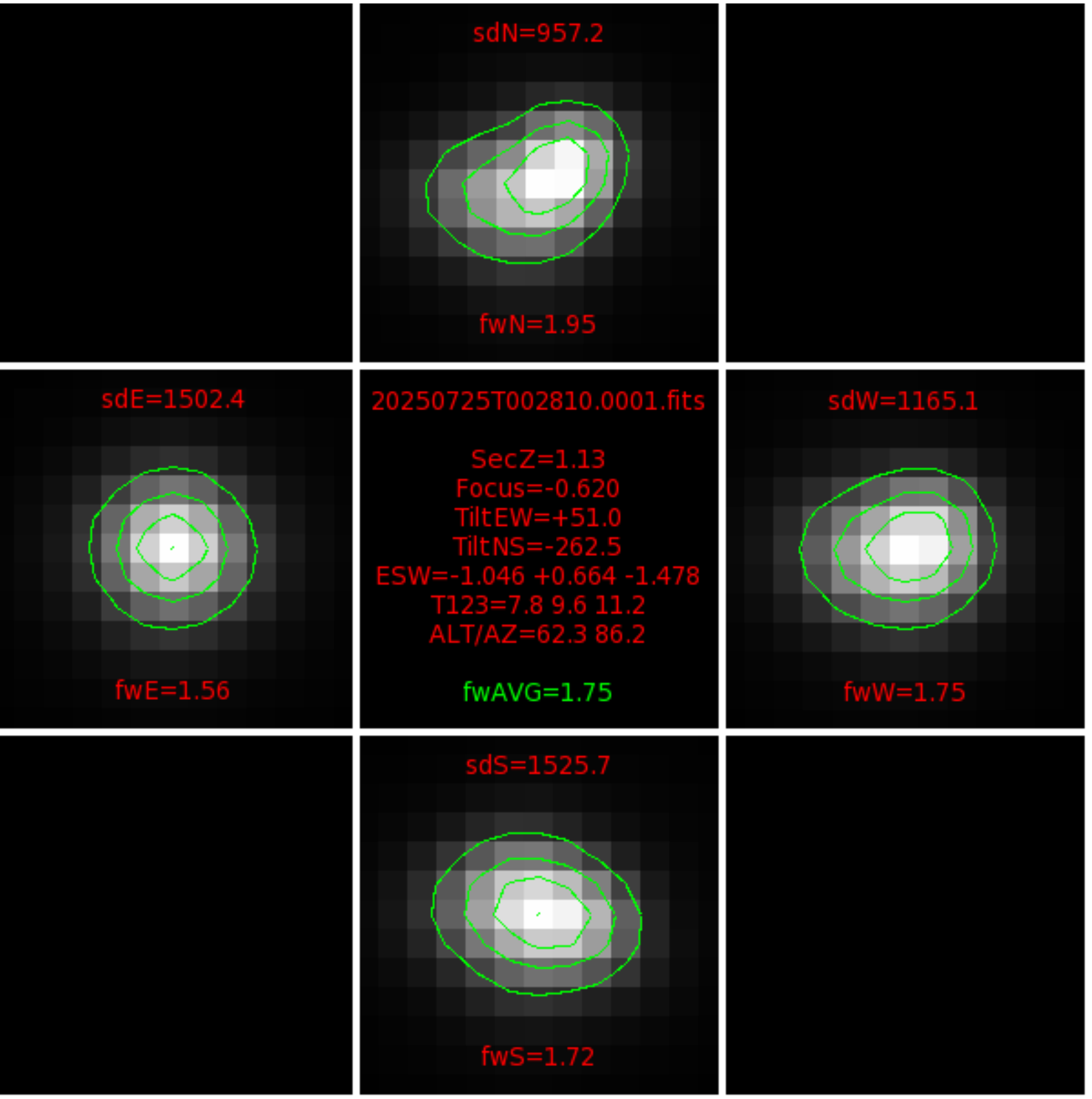
sdN=957.2
fwN=1.95
sdE=1502.4
fwE=1.56
20250725T002810.0001.fits
SecZ=1.13
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=7.8 9.6 11.2
ALT/AZ=62.3 86.2
fwAVG=1.75
sdW=1165.1
fwW=1.75
sdS=1525.7
fwS=1.72
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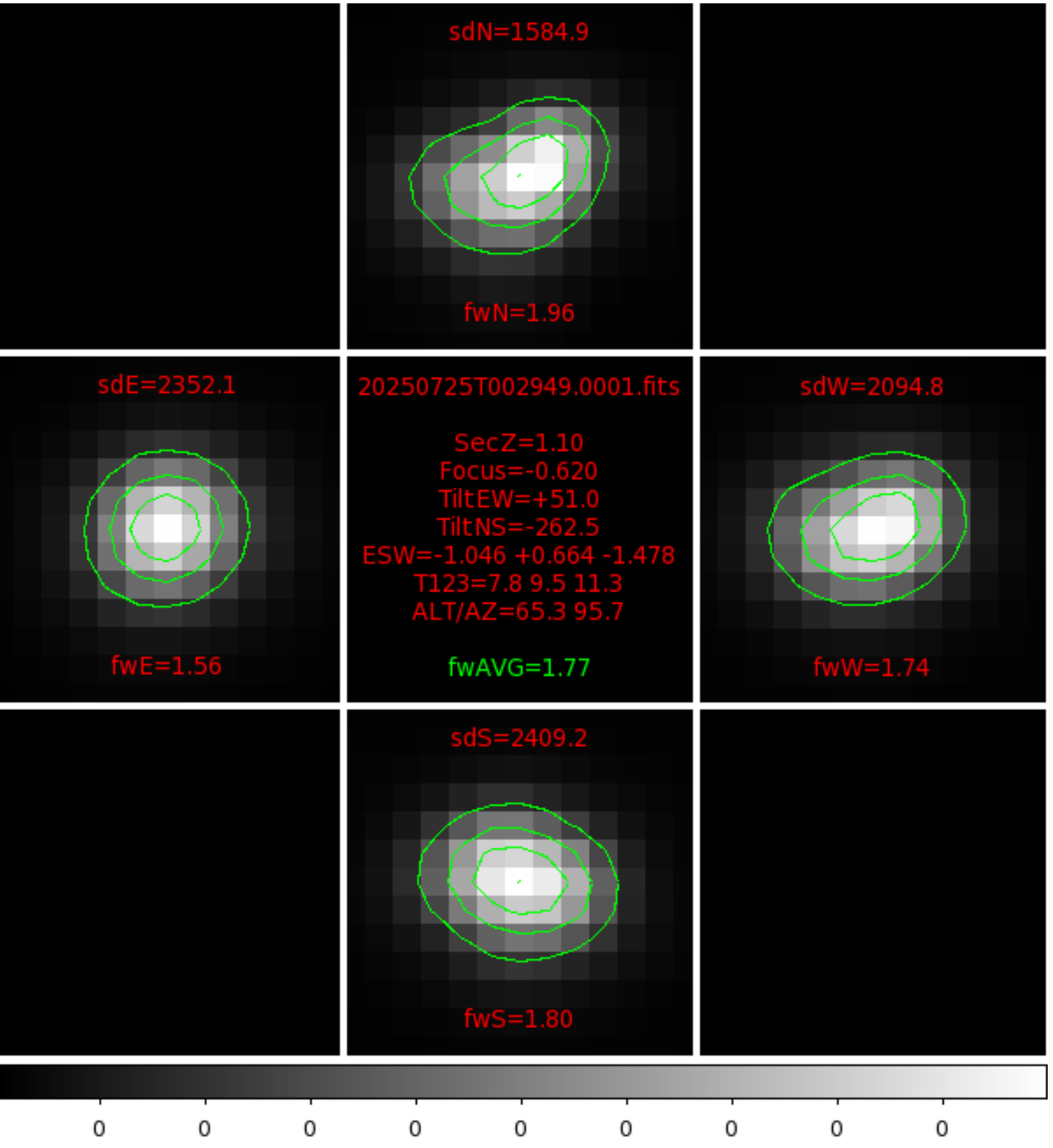
sdN=1584.9
fwN=1.96
sdE=2352.1
fwE=1.56
20250725T002949.0001.fits
SecZ=1.10
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=7.8 9.5 11.3
ALT/AZ=65.3 95.7
fwAVG=1.77
sdW=2094.8
fwW=1.74
sdS=2409.2
fwS=1.80
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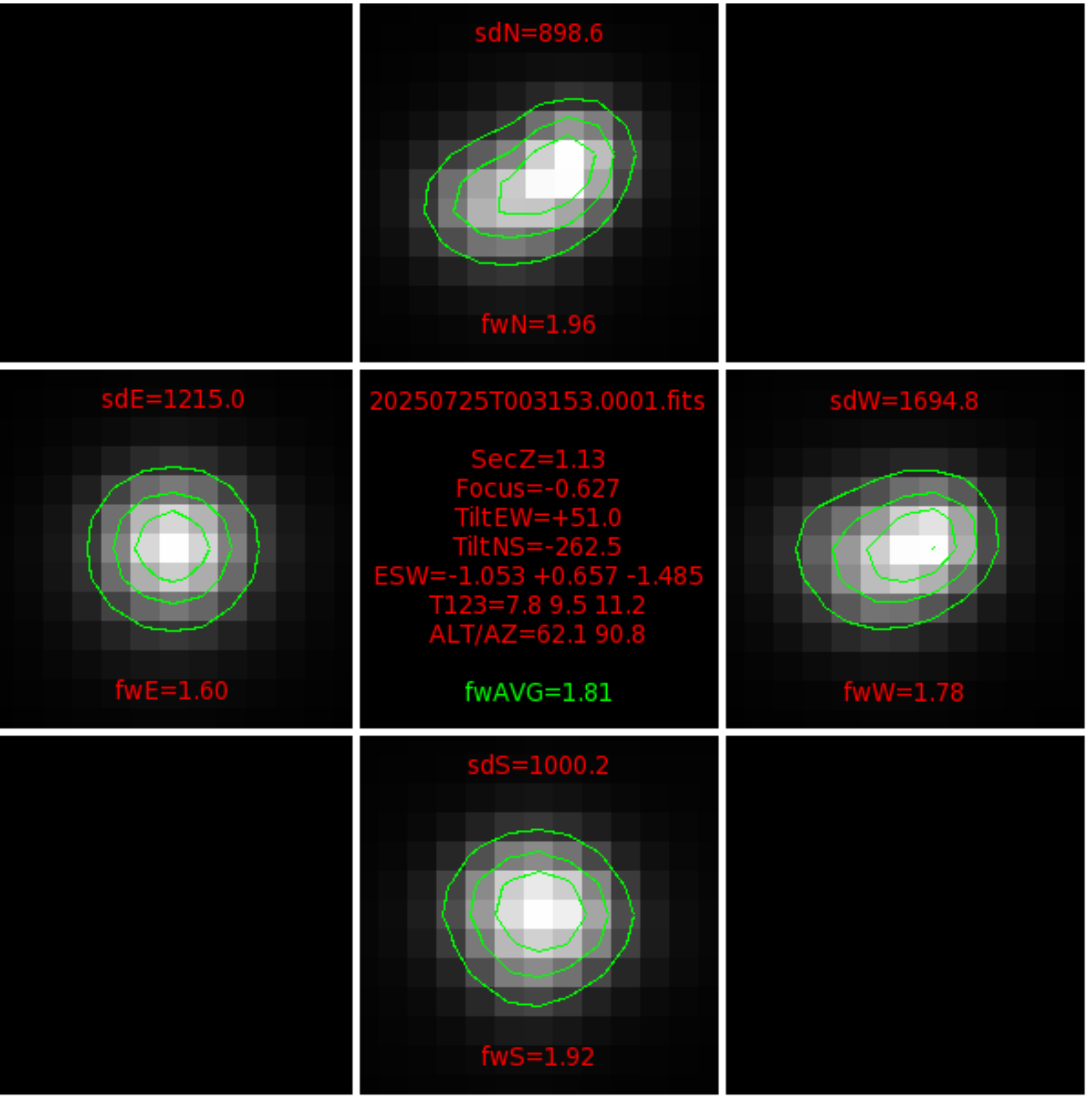
sdN=898.6
fwN=1.96
sdE=1215.0
fwE=1.60
20250725T003153.0001.fits
SecZ=1.13
Focus=-0.627
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.053 +0.657 -1.485
T123=7.8 9.5 11.2
ALT/AZ=62.1 90.8
fwAVG=1.81
sdW=1694.8
fwW=1.78
sdS=1000.2
fwS=1.92
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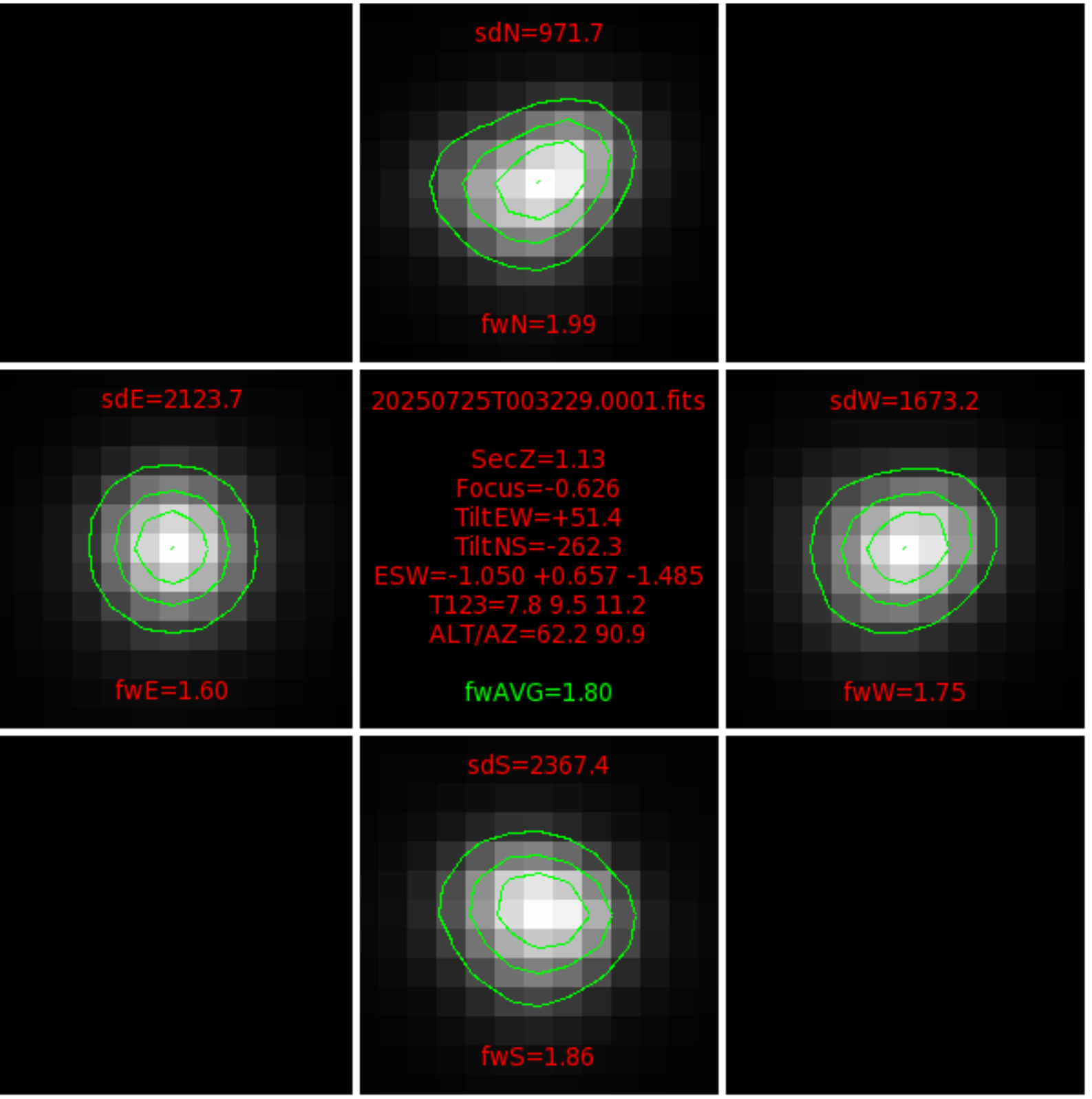
sdN=971.7
fwN=1.99
sdE=2123.7
fwE=1.60
20250725T003229.0001.fits
SecZ=1.13
Focus=-0.626
TiltEW=+51.4
TiltNS=-262.3
ESW=-1.050 +0.657 -1.485
T123=7.8 9.5 11.2
ALT/AZ=62.2 90.9
fwAVG=1.80
sdW=1673.2
fwW=1.75
sdS=2367.4
fwS=1.86
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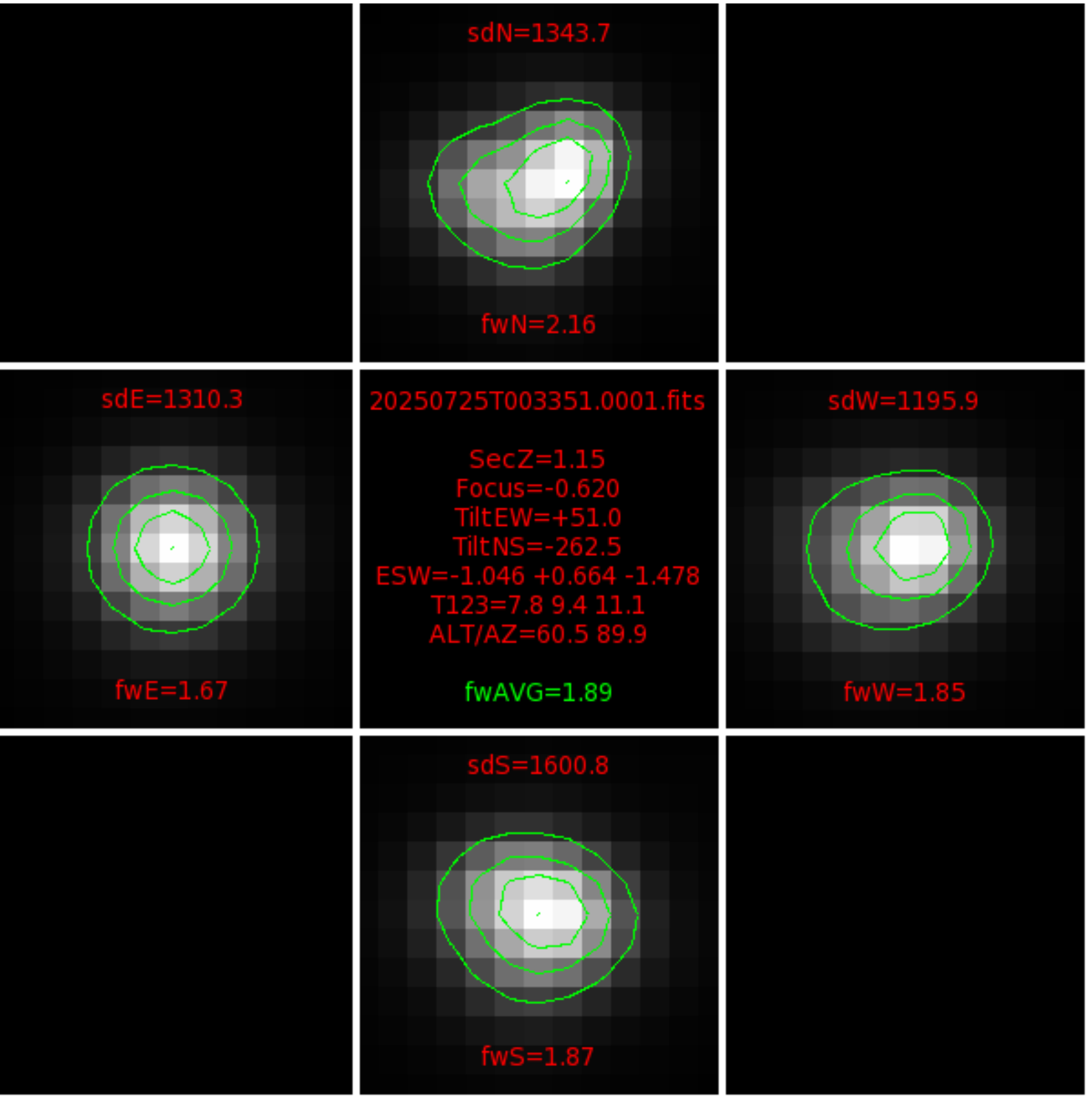
sdN=1343.7
fwN=2.16
sdE=1310.3
fwE=1.67
20250725T003351.0001.fits
SecZ=1.15
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=7.8 9.4 11.1
ALT/AZ=60.5 89.9
fwAVG=1.89
sdW=1195.9
fwW=1.85
sdS=1600.8
fwS=1.87
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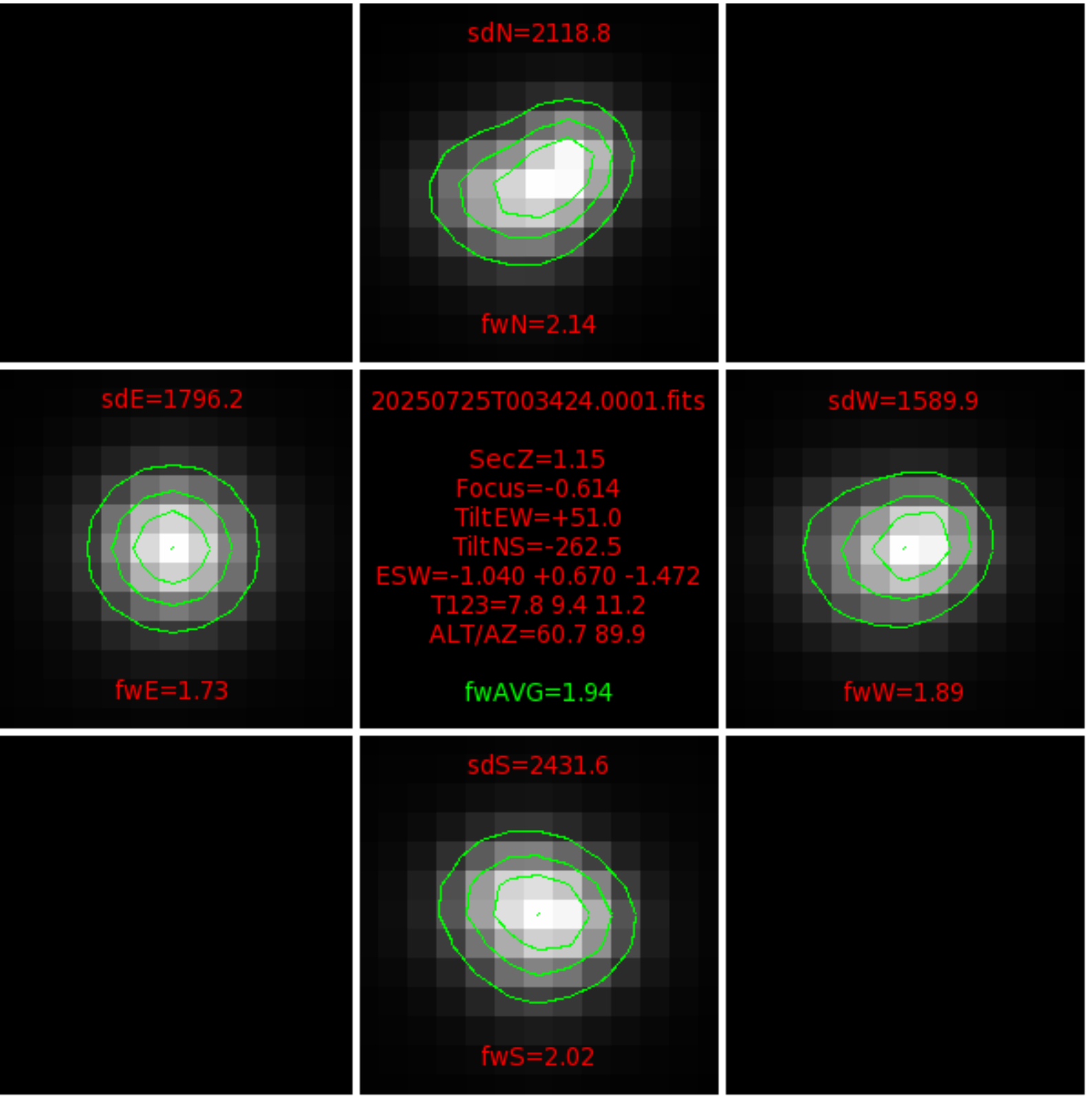
sdN=2118.8
fwN=2.14
sdE=1796.2
fwE=1.73
20250725T003424.0001.fits
SecZ=1.15
Focus=-0.614
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.040 +0.670 -1.472
T123=7.8 9.4 11.2
ALT/AZ=60.7 89.9
fwAVG=1.94
sdW=1589.9
fwW=1.89
sdS=2431.6
fwS=2.02
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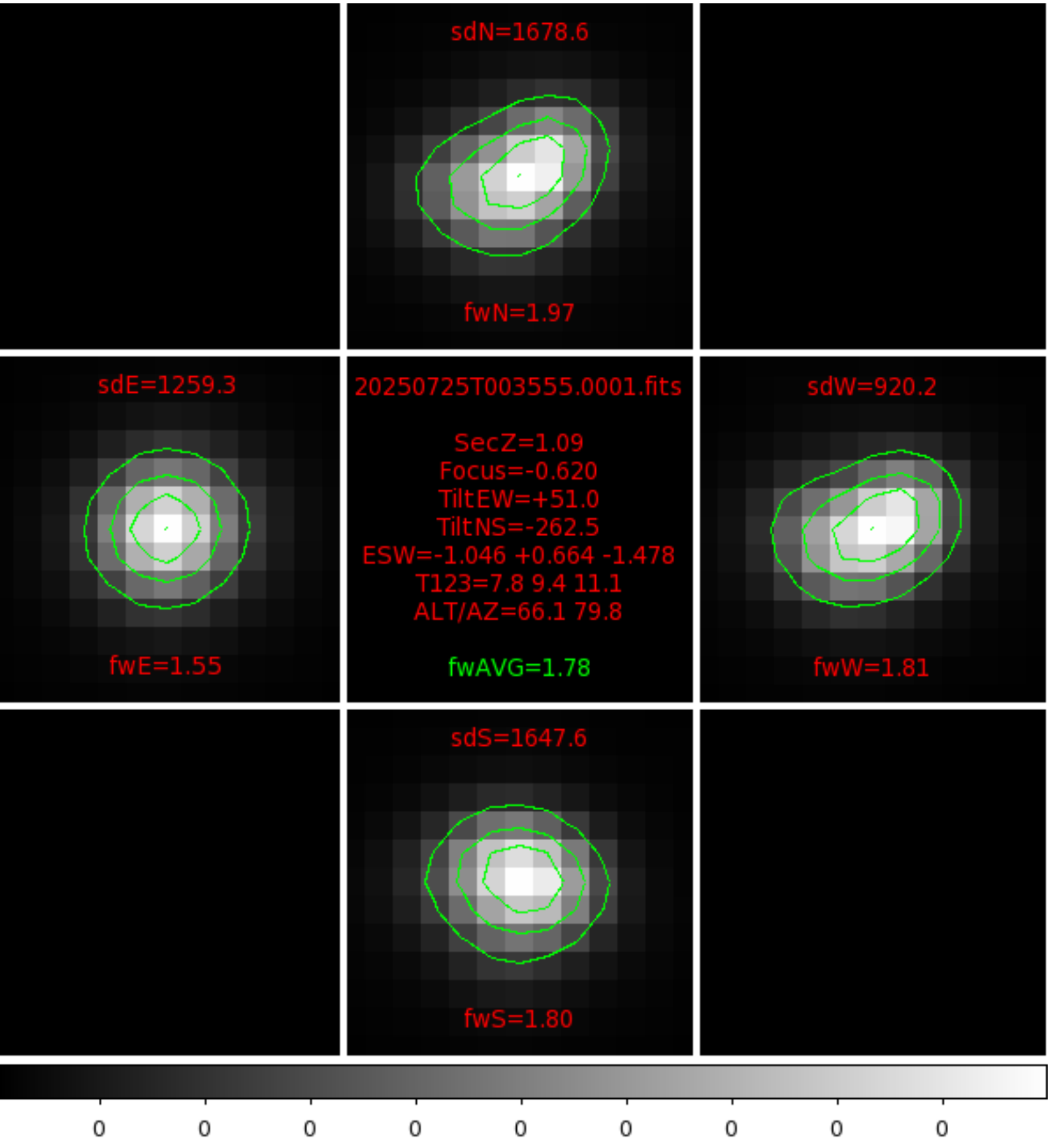
sdN=1678.6
fwN=1.97
sdE=1259.3
fwE=1.55
20250725T003555.0001.fits
SecZ=1.09
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=7.8 9.4 11.1
ALT/AZ=66.1 79.8
fwAVG=1.78
sdW=920.2
fwW=1.81
sdS=1647.6
fwS=1.80
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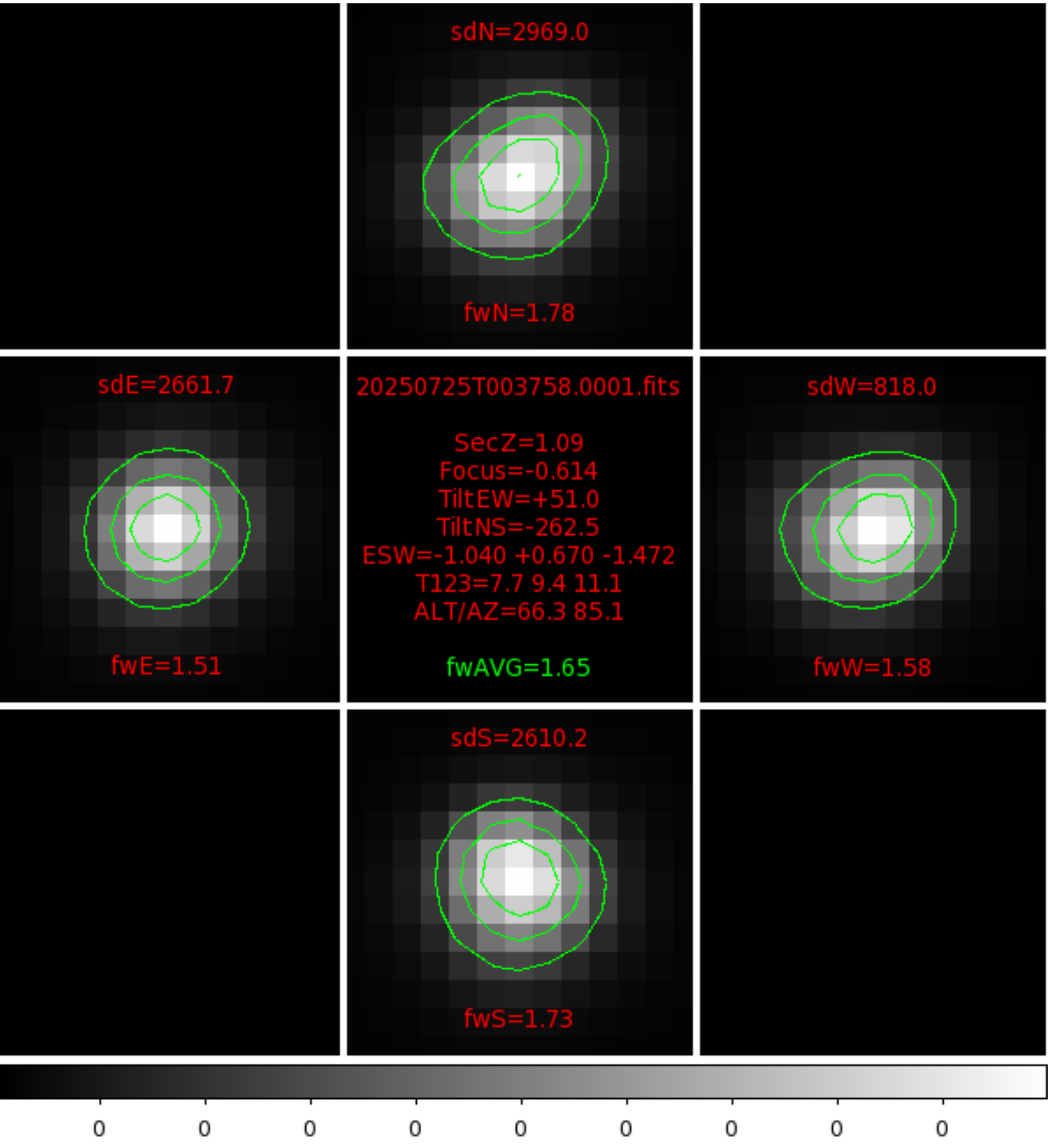
sdN=2969.0
fwN=1.78
sdE=2661.7
fwE=1.51
20250725T003758.0001.fits
SecZ=1.09
Focus=-0.614
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.040 +0.670 -1.472
T123=7.7 9.4 11.1
ALT/AZ=66.3 85.1
fwAVG=1.65
sdW=818.0
fwW=1.58
sdS=2610.2
fwS=1.73
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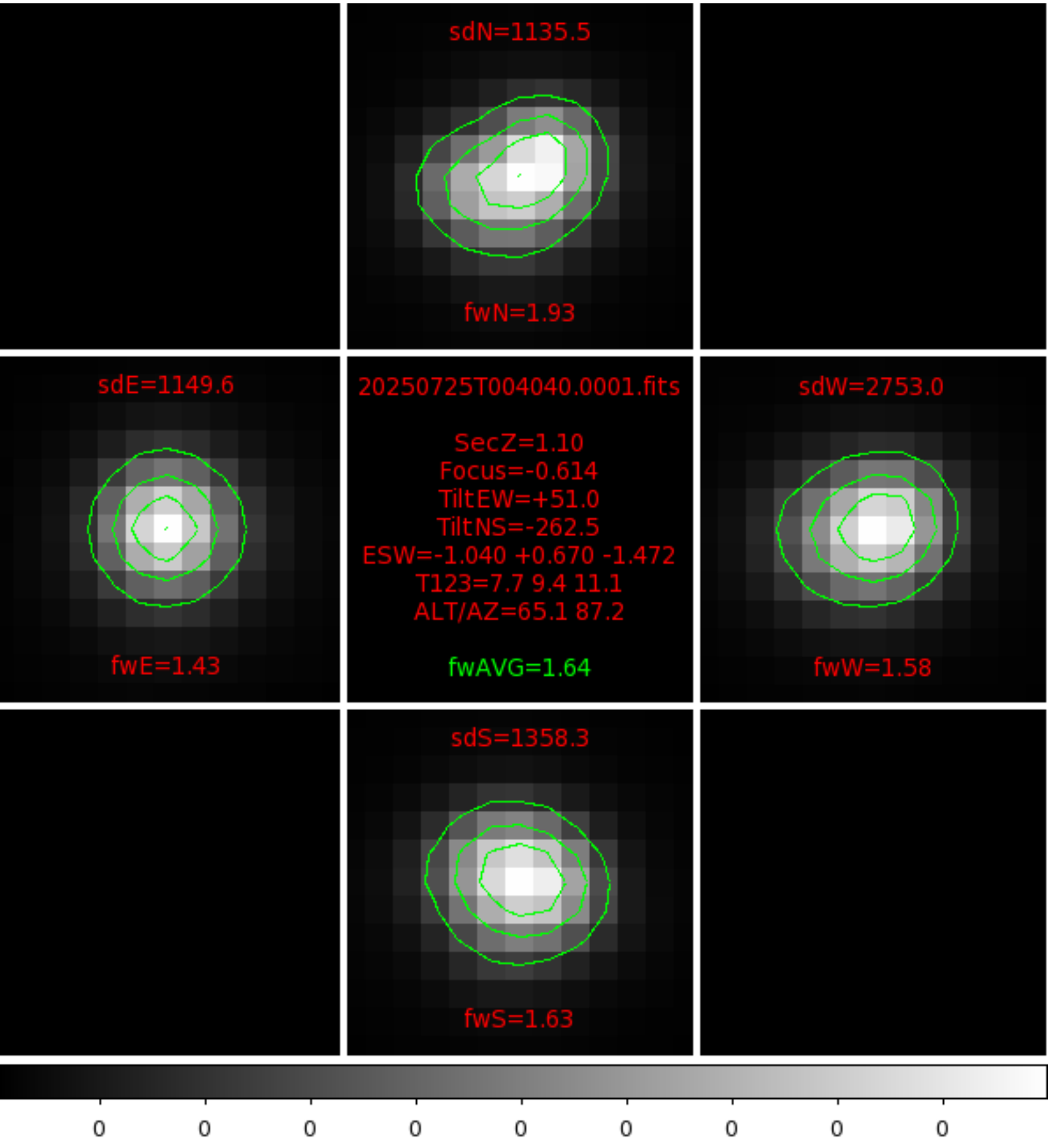
sdN=1135.5
fwN=1.93
sdE=1149.6
fwE=1.43
20250725T004040.0001.fits
SecZ=1.10
Focus=-0.614
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.040 +0.670 -1.472
T123=7.7 9.4 11.1
ALT/AZ=65.1 87.2
fwAVG=1.64
sdW=2753.0
fwW=1.58
sdS=1358.3
fwS=1.63
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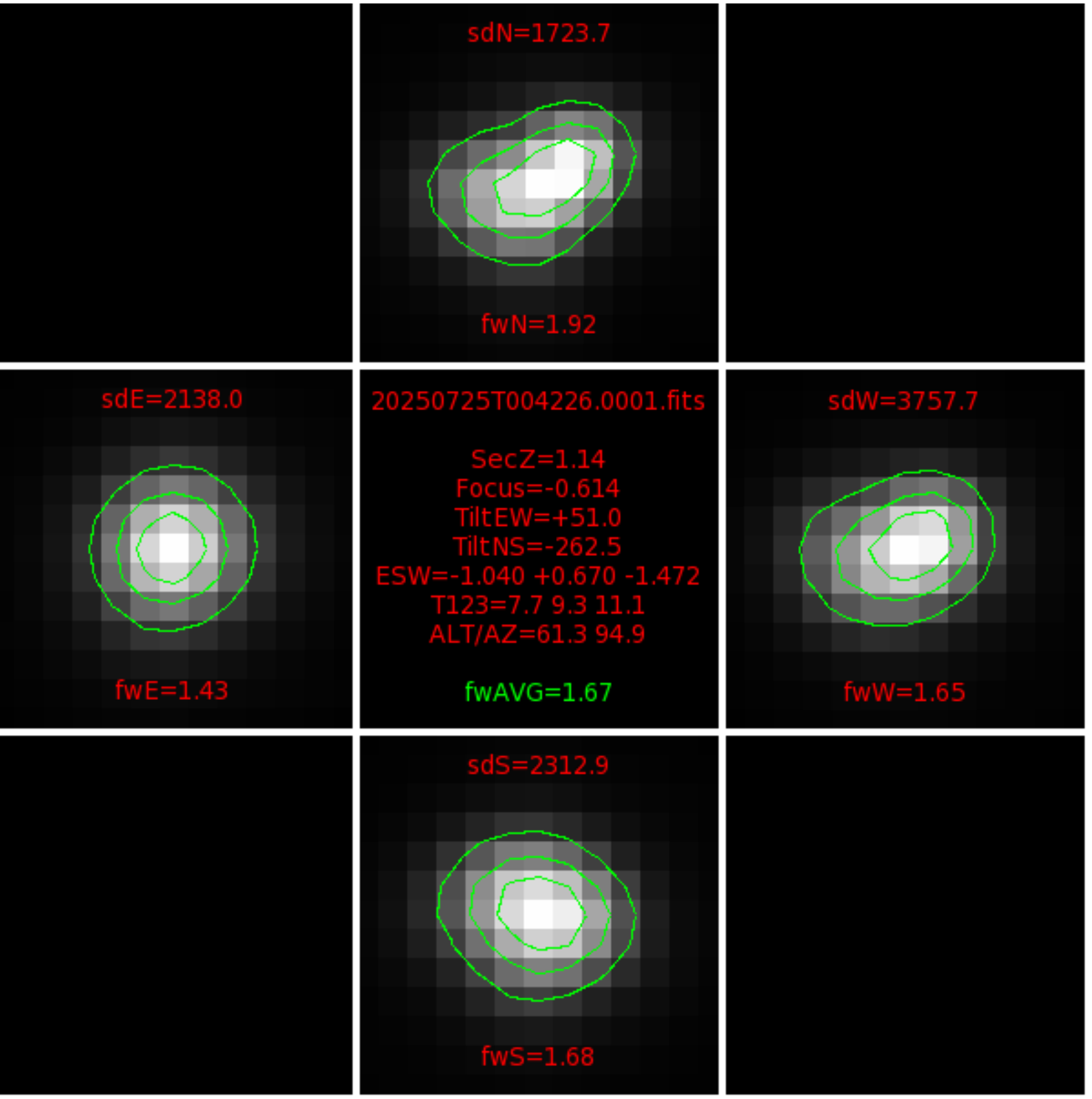
sdN=1723.7
fwN=1.92
sdE=2138.0
fwE=1.43
20250725T004226.0001.fits
SecZ=1.14
Focus=-0.614
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.040 +0.670 -1.472
T123=7.7 9.3 11.1
ALT/AZ=61.3 94.9
fwAVG=1.67
sdW=3757.7
fwW=1.65
sdS=2312.9
fwS=1.68
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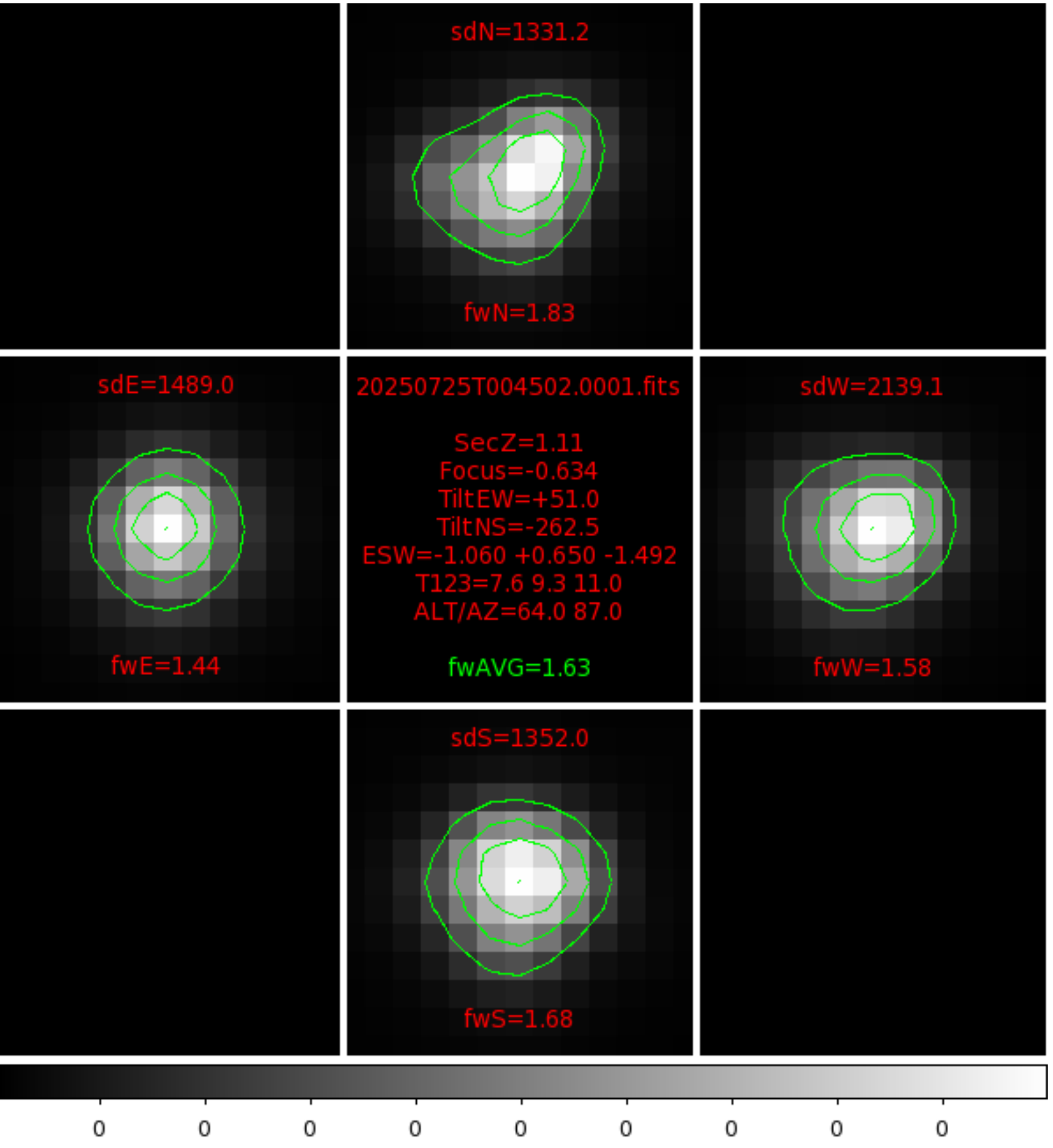
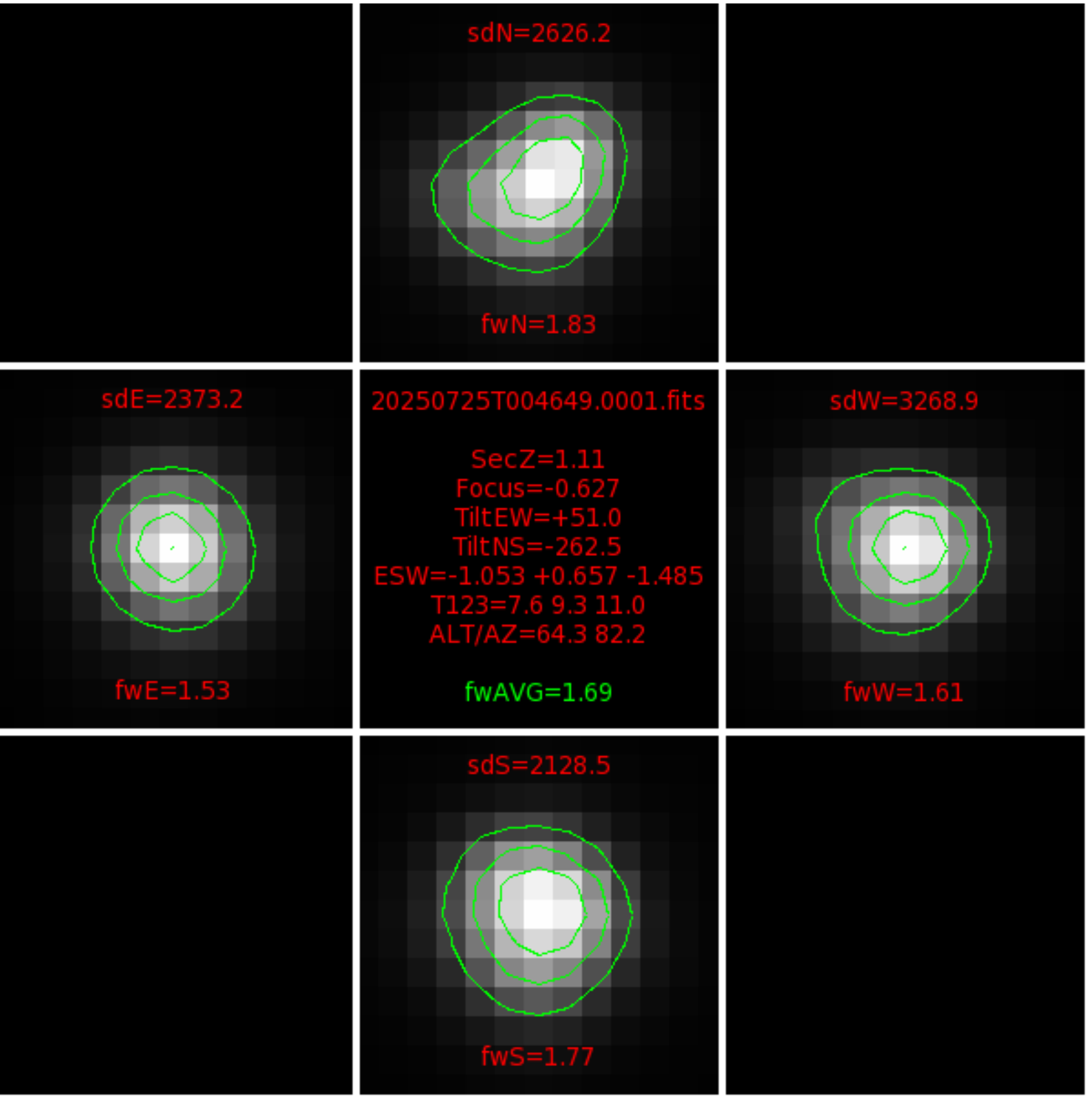

sdN=1331.2
fwN=1.83
sdE=1489.0
fwE=1.44
20250725T004502.0001.fits
SecZ=1.11
Focus=-0.634
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.060 +0.650 -1.492
T123=7.6 9.3 11.0
ALT/AZ=64.0 87.0
fwAVG=1.63
sdW=2139.1
fwW=1.58
sdS=1352.0
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=2626.2
fwN=1.83
sdE=2373.2
fwE=1.53
20250725T004649.0001.fits
SecZ=1.11
Focus=-0.627
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.053 +0.657 -1.485
T123=7.6 9.3 11.0
ALT/AZ=64.3 82.2
fwAVG=1.69
sdW=3268.9
fwW=1.61
sdS=2128.5
fwS=1.77
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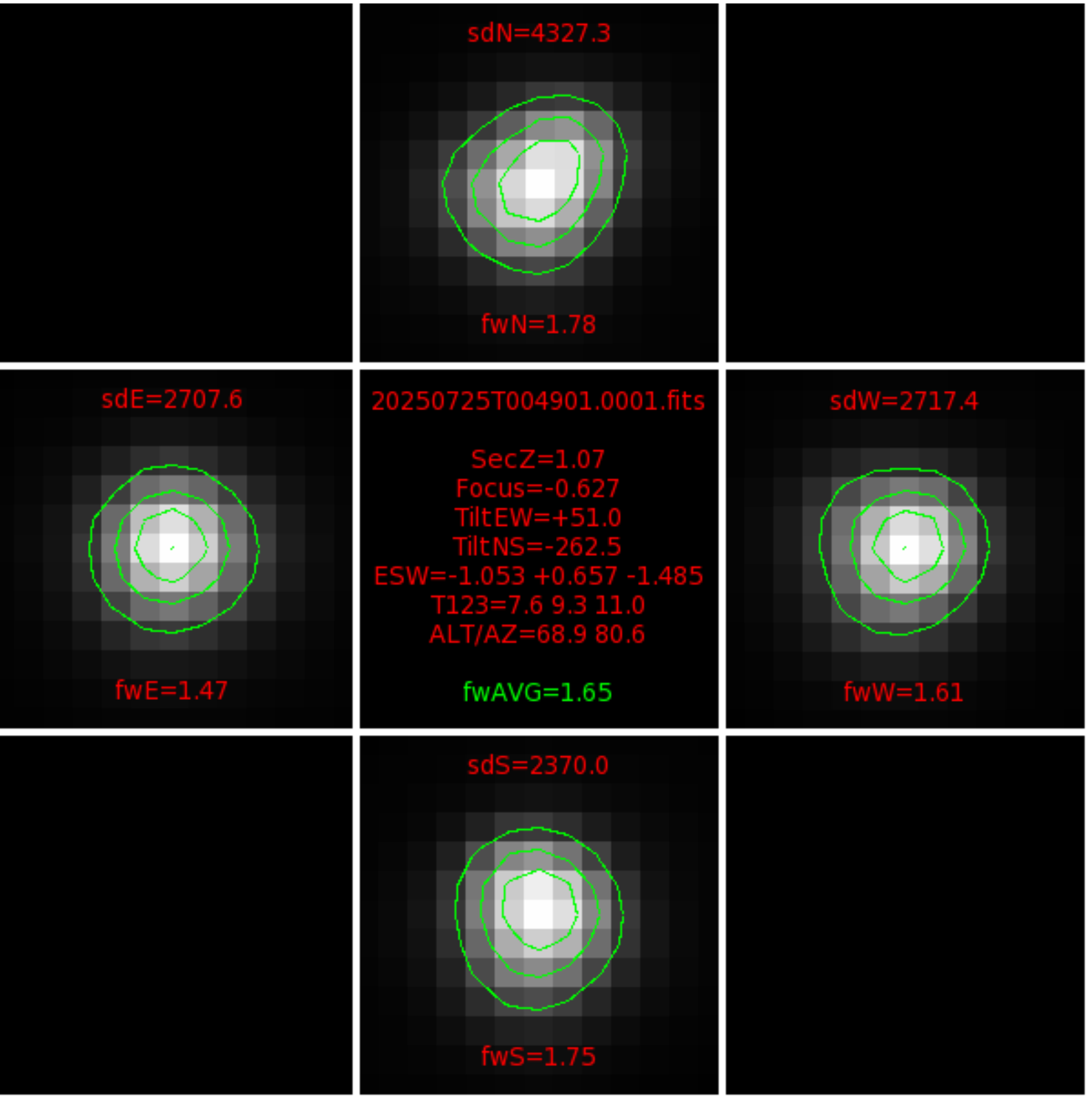
sdN=4327.3
fwN=1.78
sdE=2707.6
fwE=1.47
20250725T004901.0001.fits
SecZ=1.07
Focus=-0.627
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.053 +0.657 -1.485
T123=7.6 9.3 11.0
ALT/AZ=68.9 80.6
fwAVG=1.65
sdW=2717.4
fwW=1.61
sdS=2370.0
fwS=1.75
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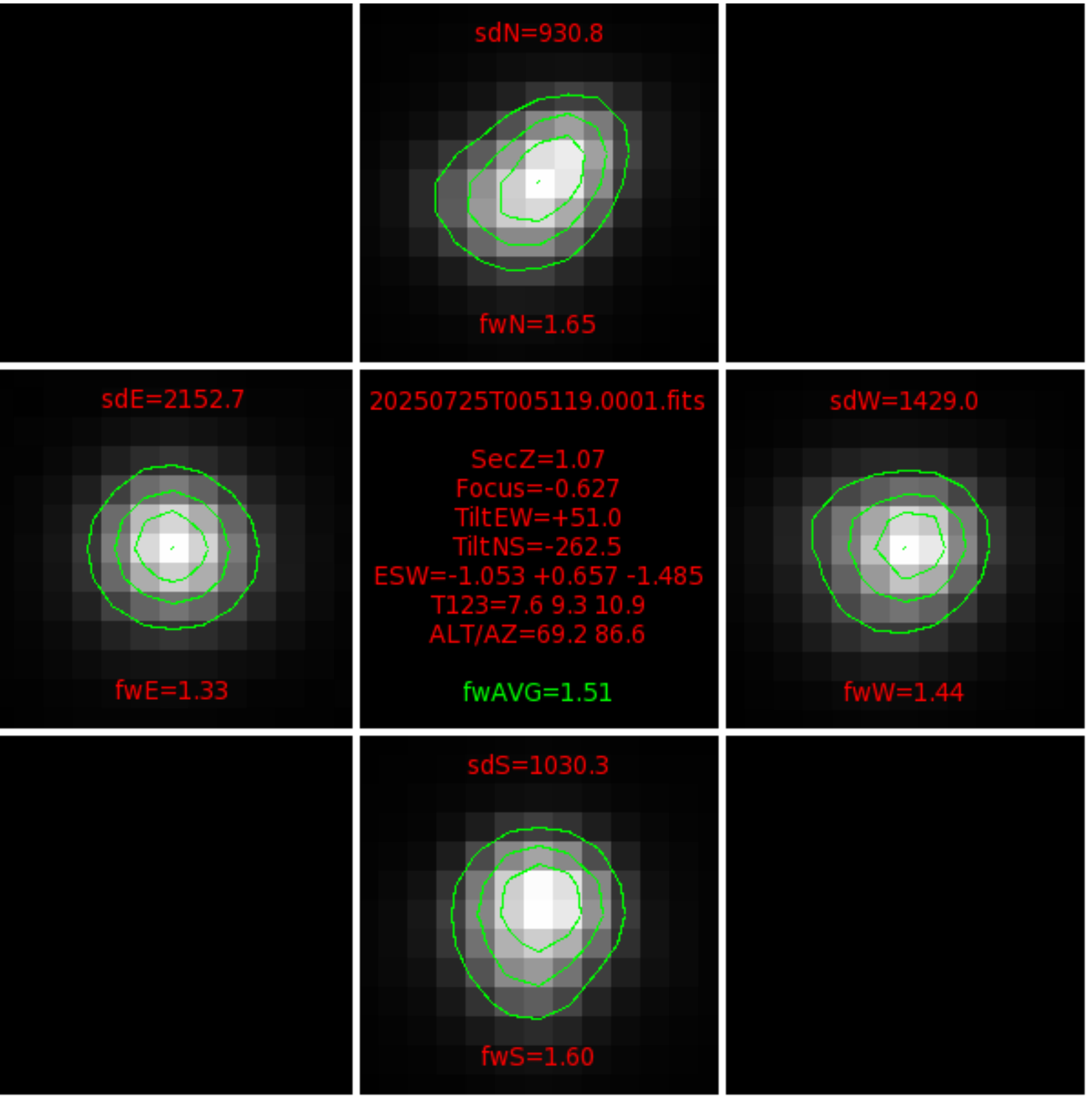
sdN=930.8
fwN=1.65
sdE=2152.7
fwE=1.33
20250725T005119.0001.fits
SecZ=1.07
Focus=-0.627
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.053 +0.657 -1.485
T123=7.6 9.3 10.9
ALT/AZ=69.2 86.6
fwAVG=1.51
sdW=1429.0
fwW=1.44
sdS=1030.3
fwS=1.60
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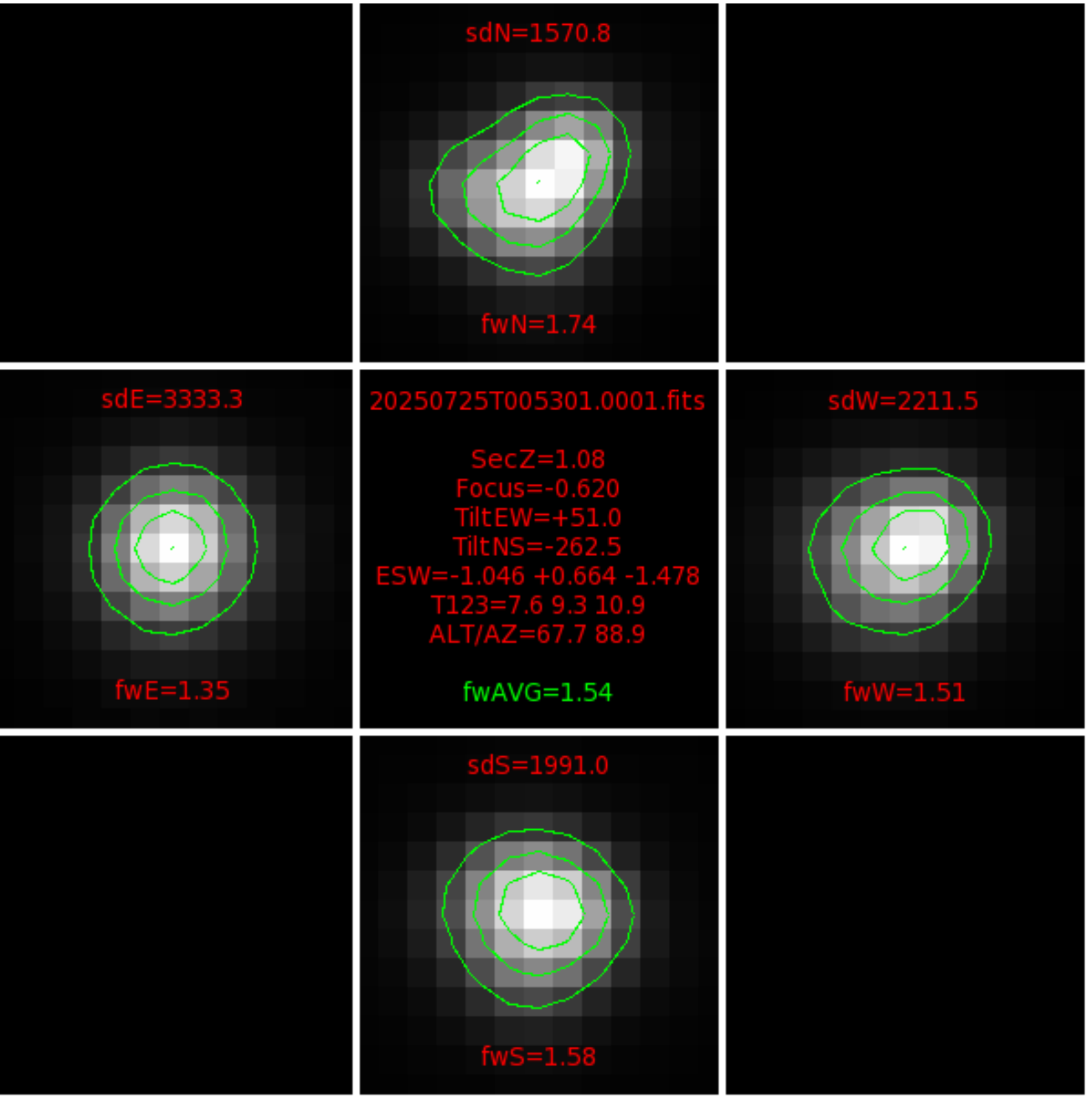
sdN=1570.8
fwN=1.74
sdE=3333.3
fwE=1.35
20250725T005301.0001.fits
SecZ=1.08
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=7.6 9.3 10.9
ALT/AZ=67.7 88.9
fwAVG=1.54
sdW=2211.5
fwW=1.51
sdS=1991.0
fwS=1.58
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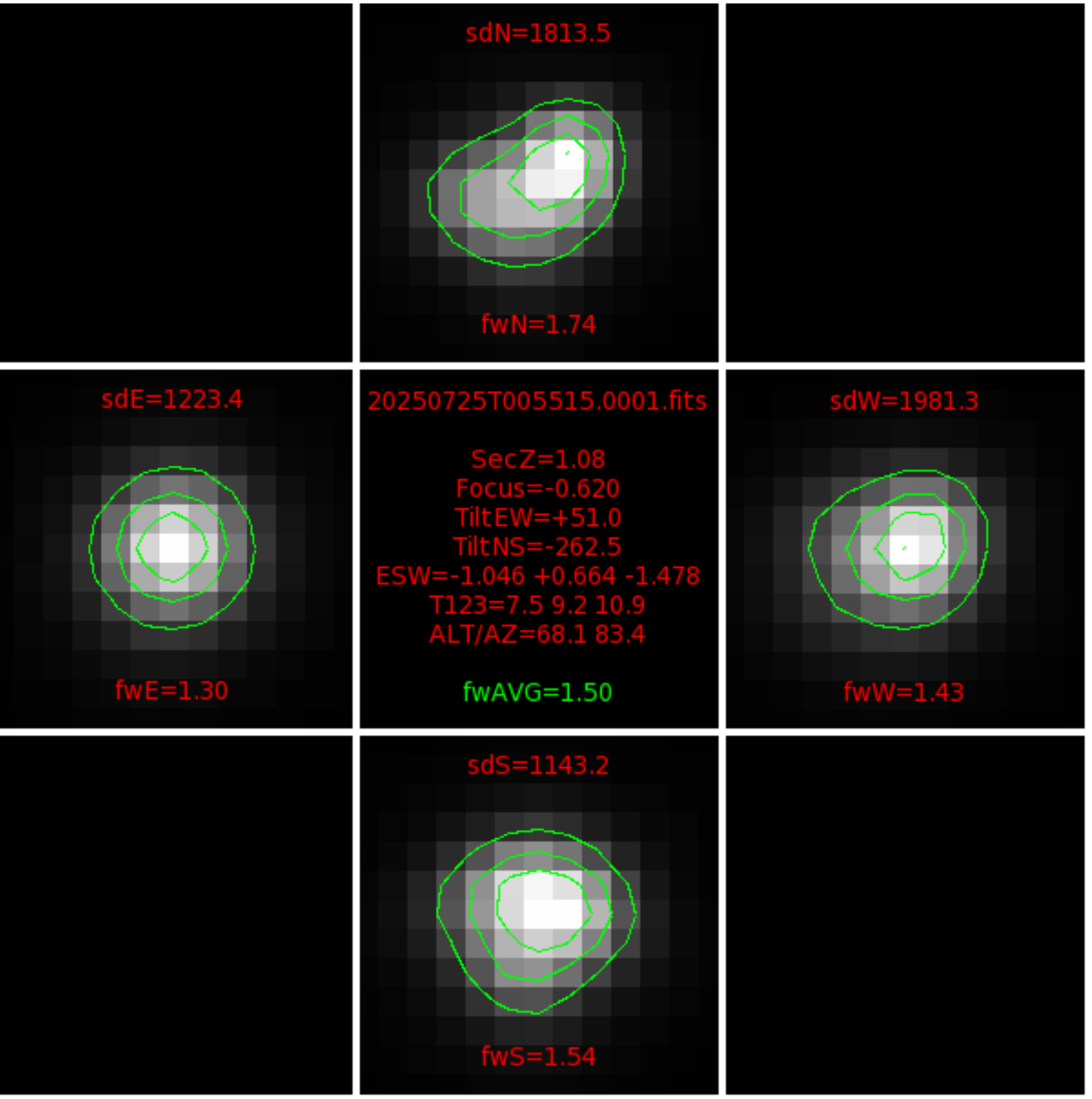
sdN=1813.5
fwN=1.74
sdE=1223.4
fwE=1.30
20250725T005515.0001.fits
SecZ=1.08
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=7.5 9.2 10.9
ALT/AZ=68.1 83.4
fwAVG=1.50
sdW=1981.3
fwW=1.43
sdS=1143.2
fwS=1.54
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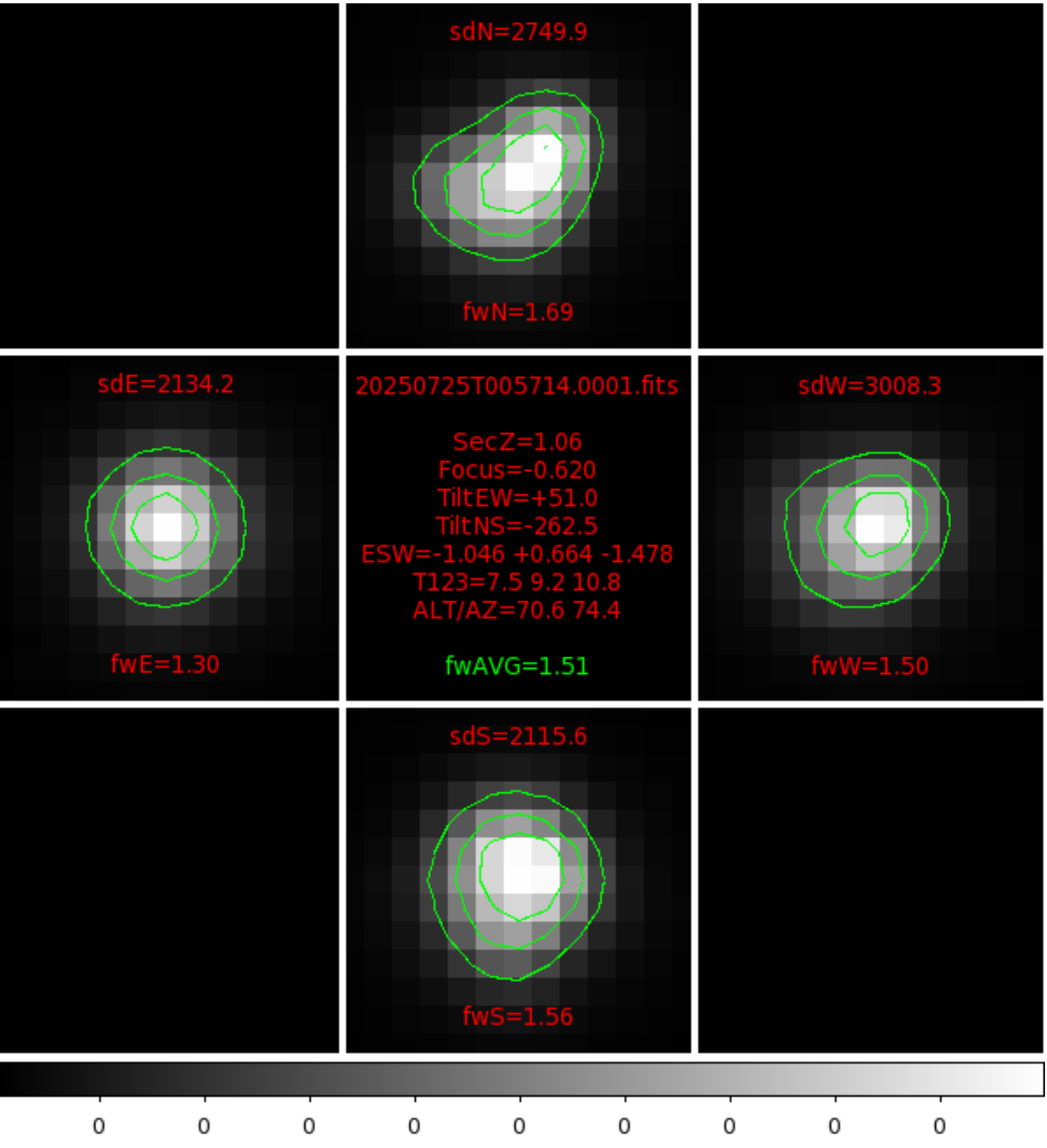
sdN=2749.9
fwN=1.69
sdE=2134.2
fwE=1.30
20250725T005714.0001.fits
SecZ=1.06
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=7.5 9.2 10.8
ALT/AZ=70.6 74.4
fwAVG=1.51
sdW=3008.3
fwW=1.50
sdS=2115.6
fwS=1.56
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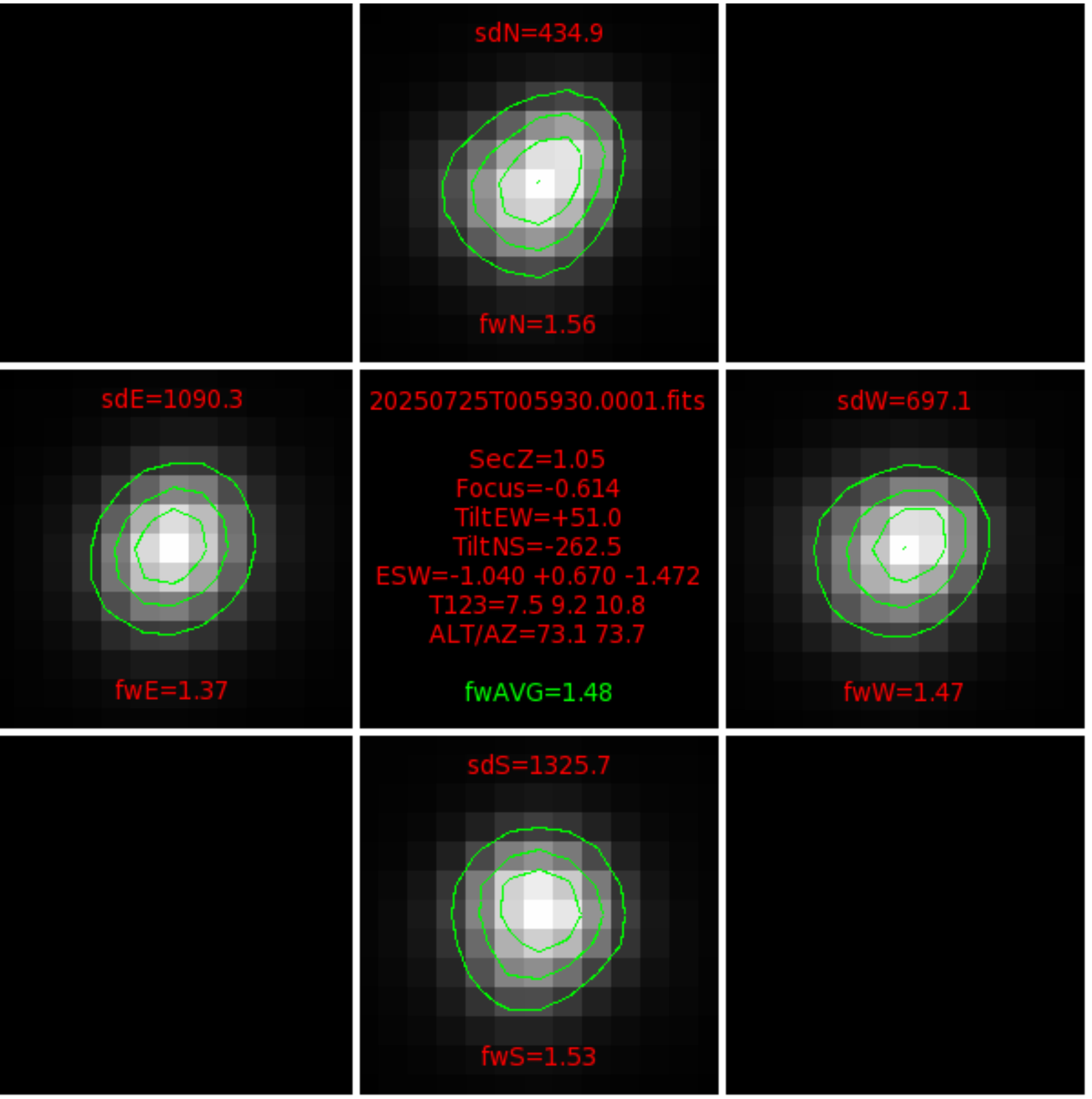
sdN=434.9
fwN=1.56
sdE=1090.3
fwE=1.37
20250725T005930.0001.fits
SecZ=1.05
Focus=-0.614
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.040 +0.670 -1.472
T123=7.5 9.2 10.8
ALT/AZ=73.1 73.7
fwAVG=1.48
sdW=697.1
fwW=1.47
sdS=1325.7
fwS=1.53
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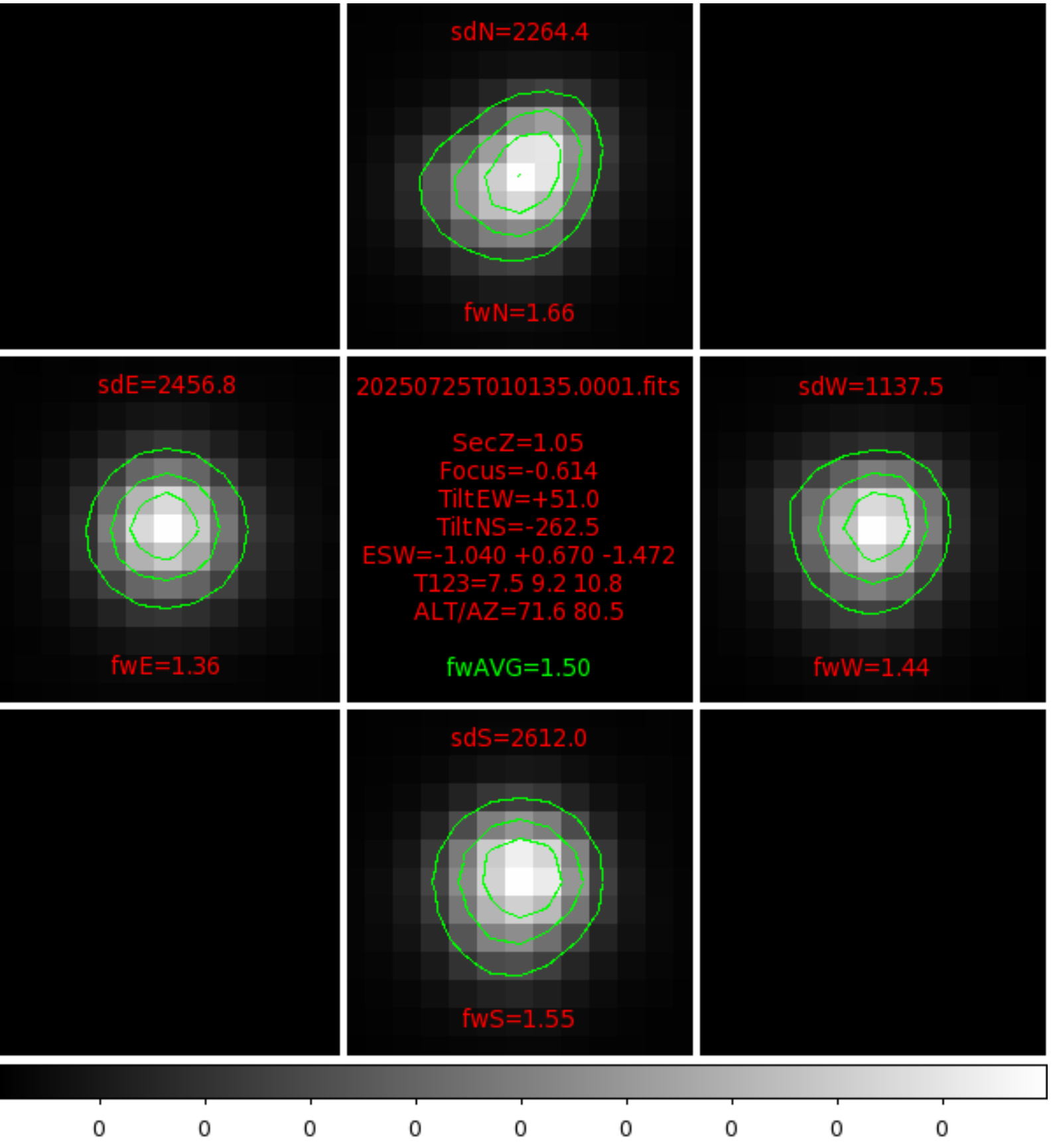
sdN=2264.4
fwN=1.66
sdE=2456.8
fwE=1.36
20250725T010135.0001.fits
SecZ=1.05
Focus=-0.614
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.040 +0.670 -1.472
T123=7.5 9.2 10.8
ALT/AZ=71.6 80.5
fwAVG=1.50
sdW=1137.5
fwW=1.44
sdS=2612.0
fwS=1.55
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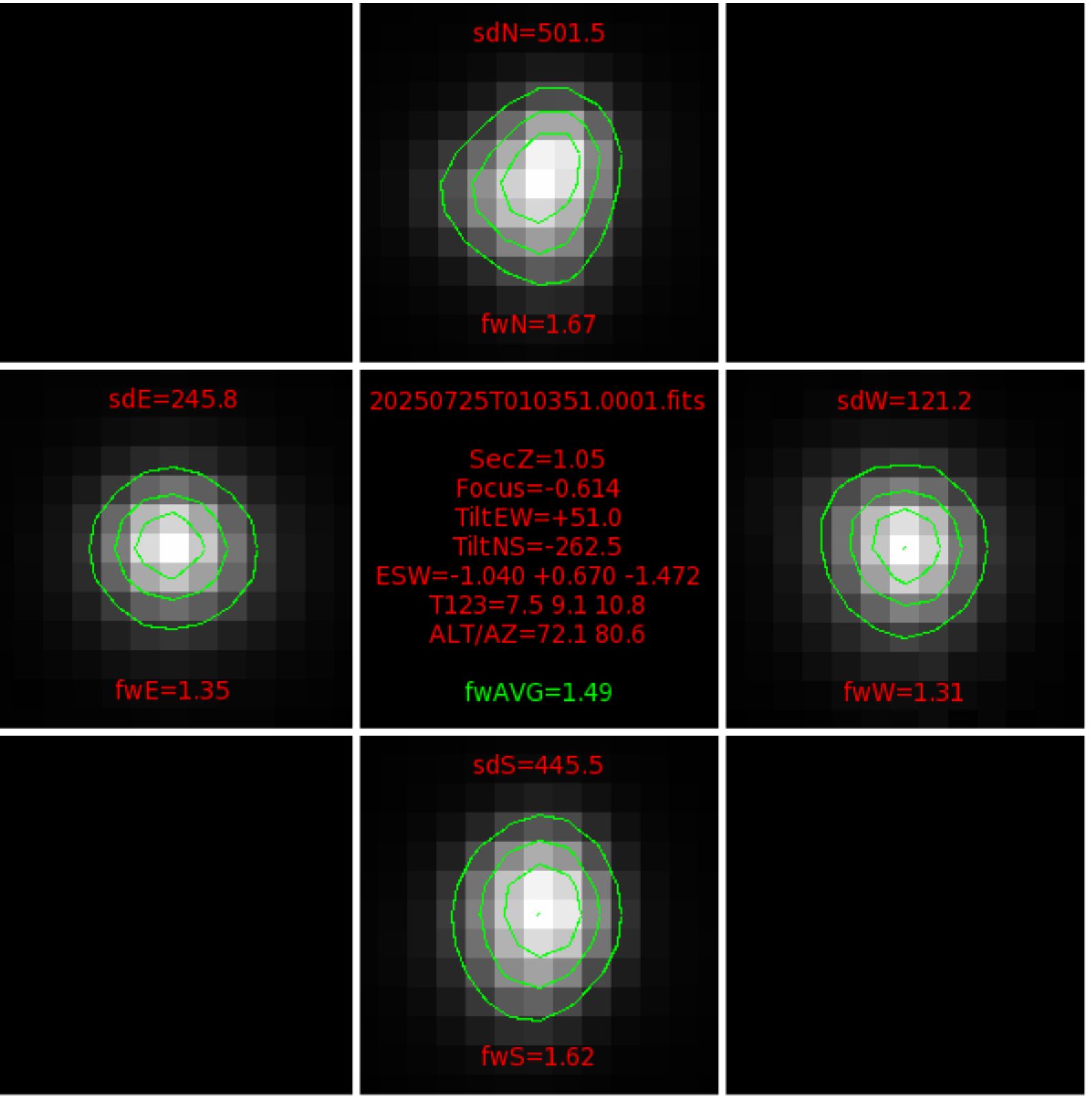
sdN=501.5
fwN=1.67
sdE=245.8
fwE=1.35
20250725T010351.0001.fits
SecZ=1.05
Focus=-0.614
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.040 +0.670 -1.472
T123=7.5 9.1 10.8
ALT/AZ=72.1 80.6
fwAVG=1.49
sdW=121.2
fwW=1.31
sdS=445.5
fwS=1.62
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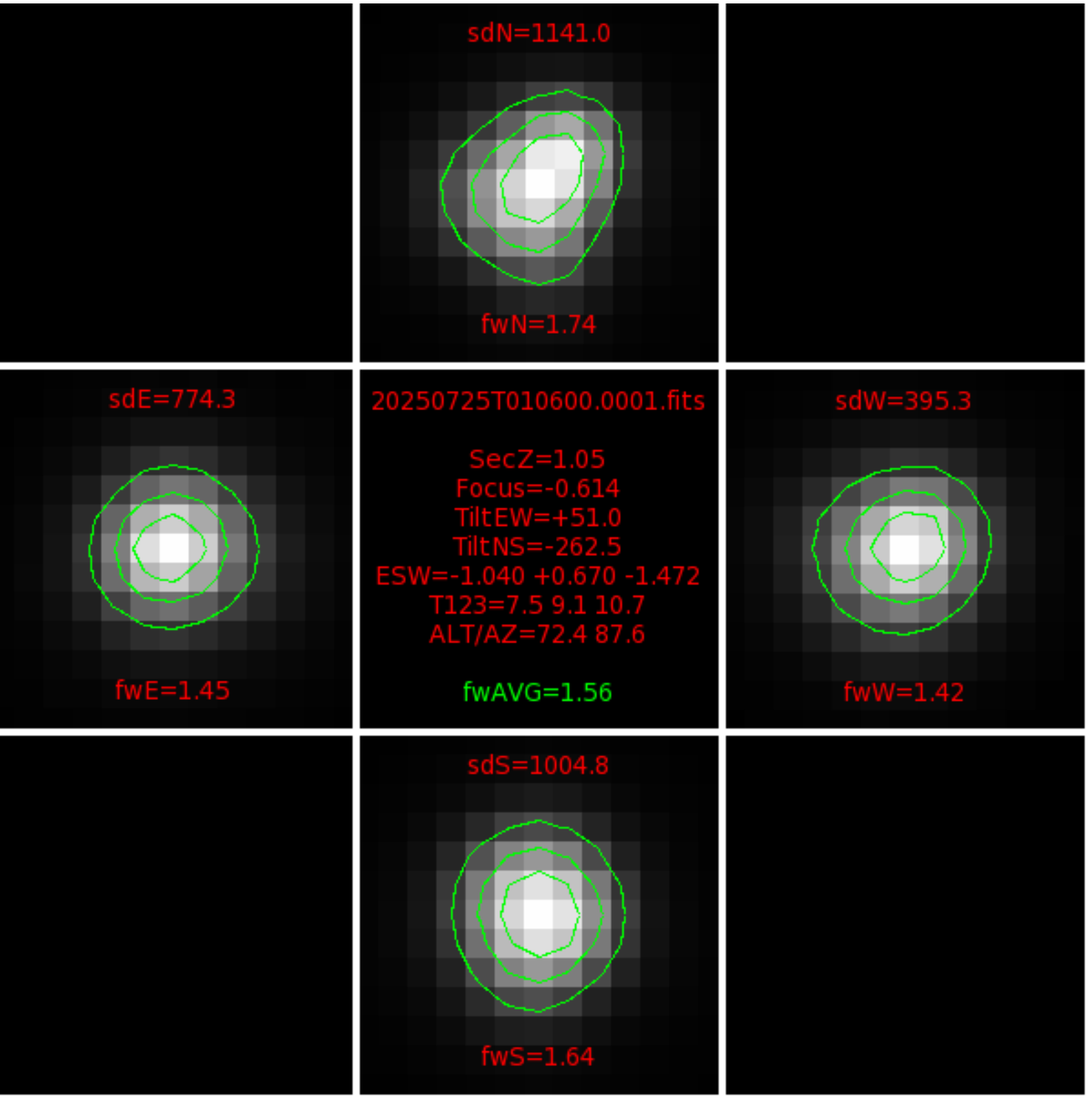
sdN=1141.0
fwN=1.74
sdE=774.3
fwE=1.45
20250725T010600.0001.fits
SecZ=1.05
Focus=-0.614
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.040 +0.670 -1.472
T123=7.5 9.1 10.7
ALT/AZ=72.4 87.6
fwAVG=1.56
sdW=395.3
fwW=1.42
sdS=1004.8
fwS=1.64
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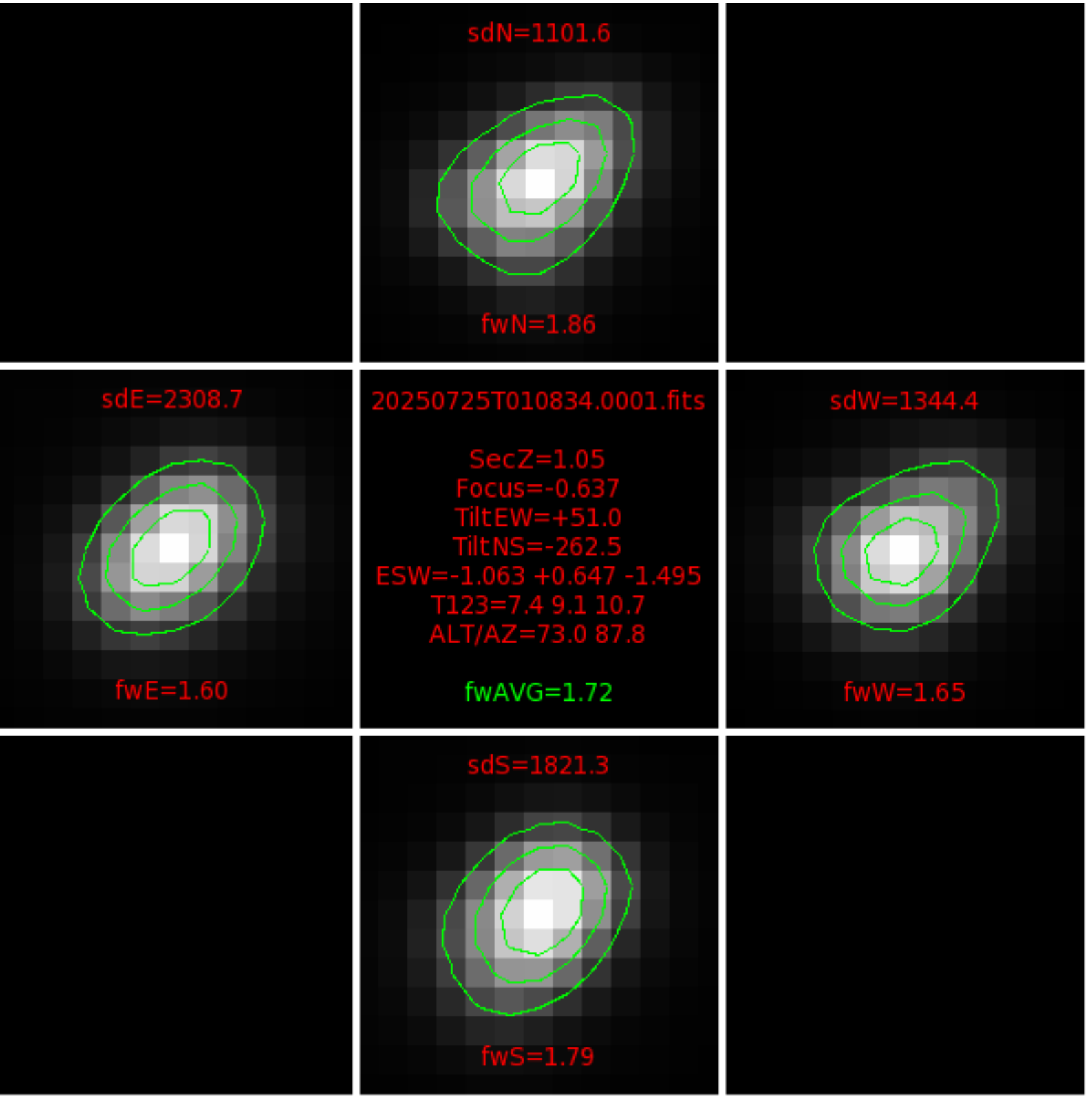
sdN=1101.6
fwN=1.86
sdE=2308.7
fwE=1.60
20250725T010834.0001.fits
SecZ=1.05
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=7.4 9.1 10.7
ALT/AZ=73.0 87.8
fwAVG=1.72
sdW=1344.4
fwW=1.65
sdS=1821.3
fwS=1.79
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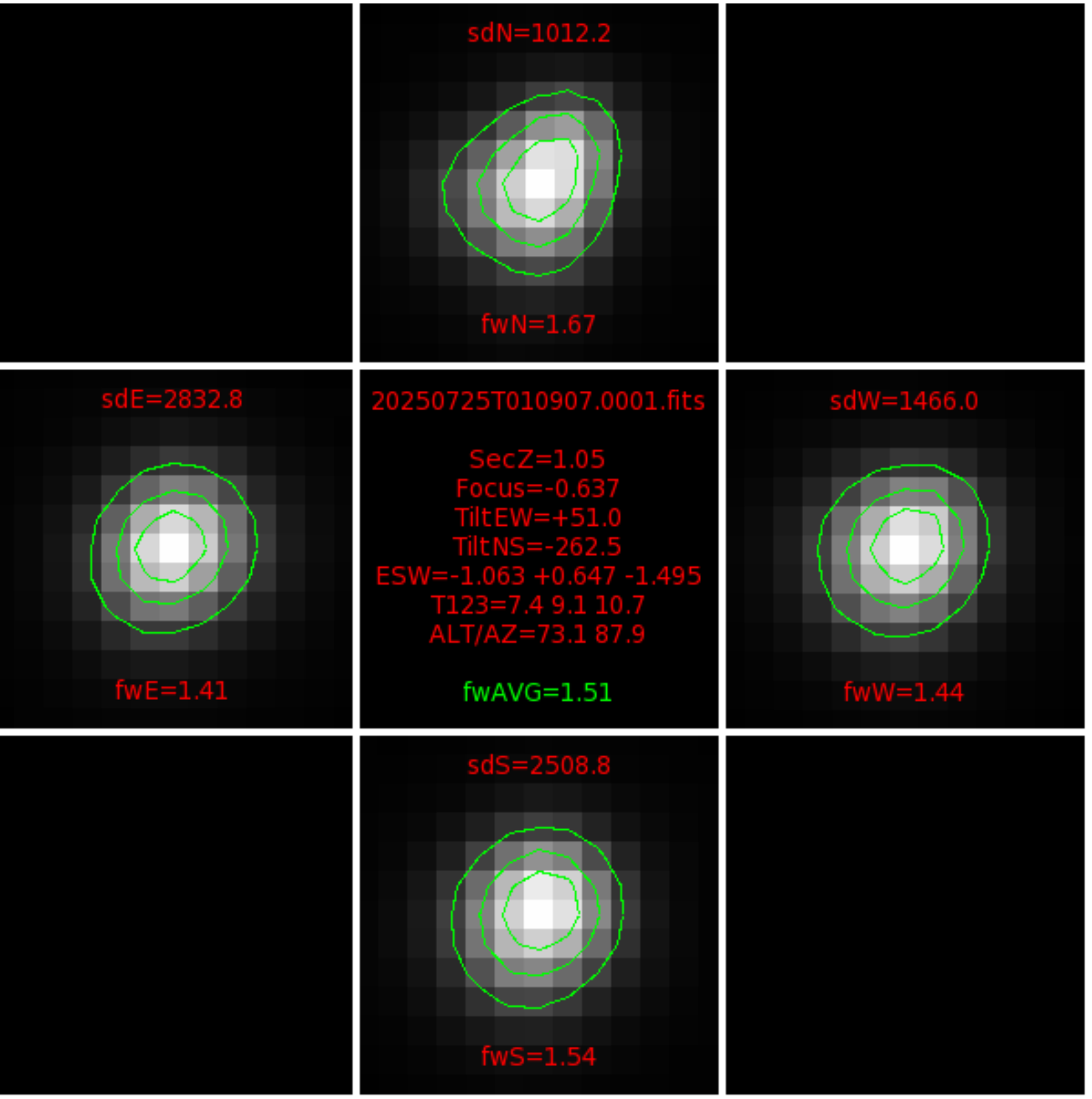
sdN=1012.2
fwN=1.67
sdE=2832.8
fwE=1.41
20250725T010907.0001.fits
SecZ=1.05
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=7.4 9.1 10.7
ALT/AZ=73.1 87.9
fwAVG=1.51
sdW=1466.0
fwW=1.44
sdS=2508.8
fwS=1.54
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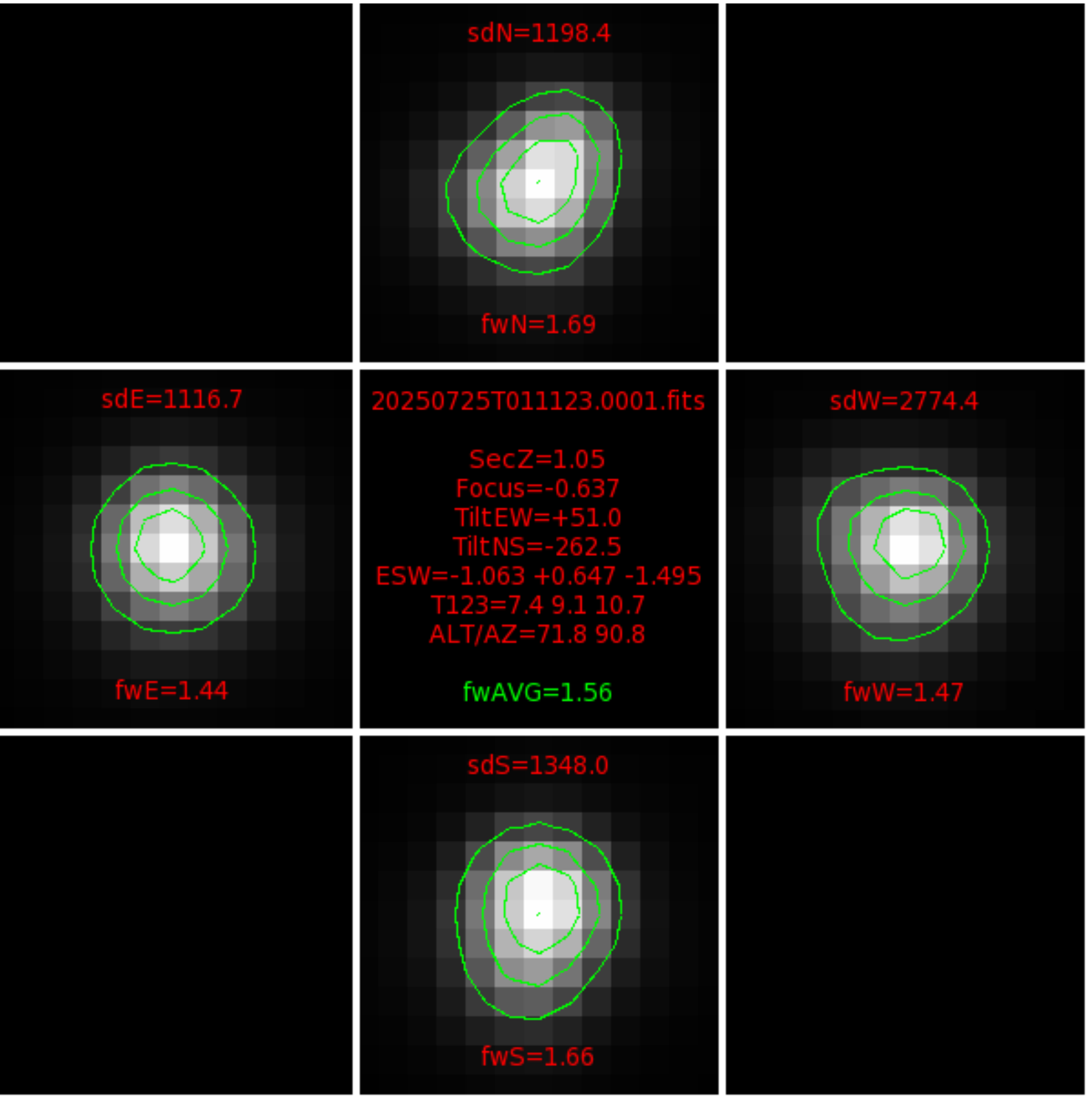
sdN=1198.4
fwN=1.69
sdE=1116.7
fwE=1.44
20250725T011123.0001.fits
SecZ=1.05
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=7.4 9.1 10.7
ALT/AZ=71.8 90.8
fwAVG=1.56
sdW=2774.4
fwW=1.47
sdS=1348.0
fwS=1.66
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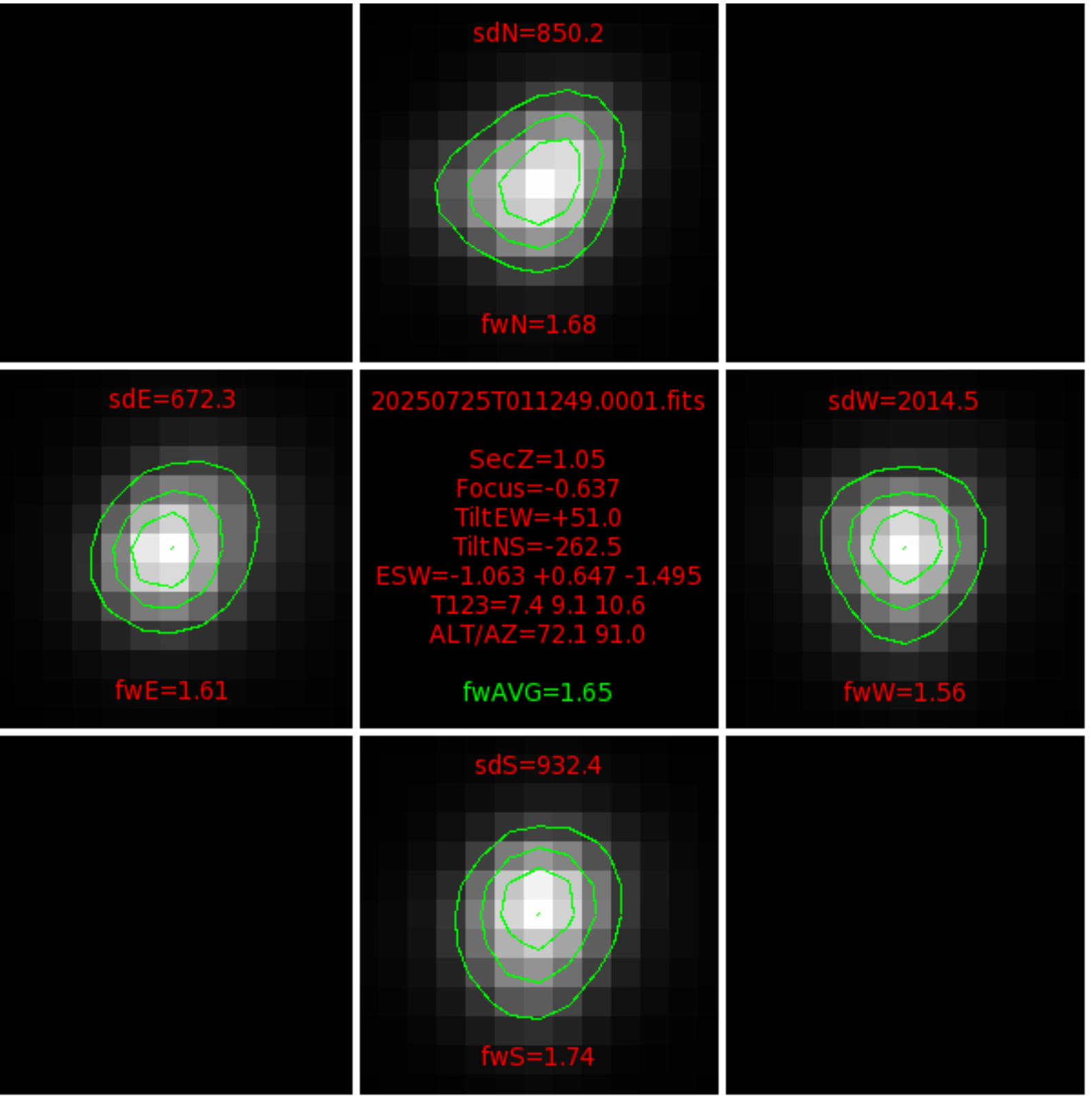
sdN=850.2
fwN=1.68
sdE=672.3
fwE=1.61
20250725T011249.0001.fits
SecZ=1.05
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=7.4 9.1 10.6
ALT/AZ=72.1 91.0
fwAVG=1.65
sdW=2014.5
fwW=1.56
sdS=932.4
fwS=1.74
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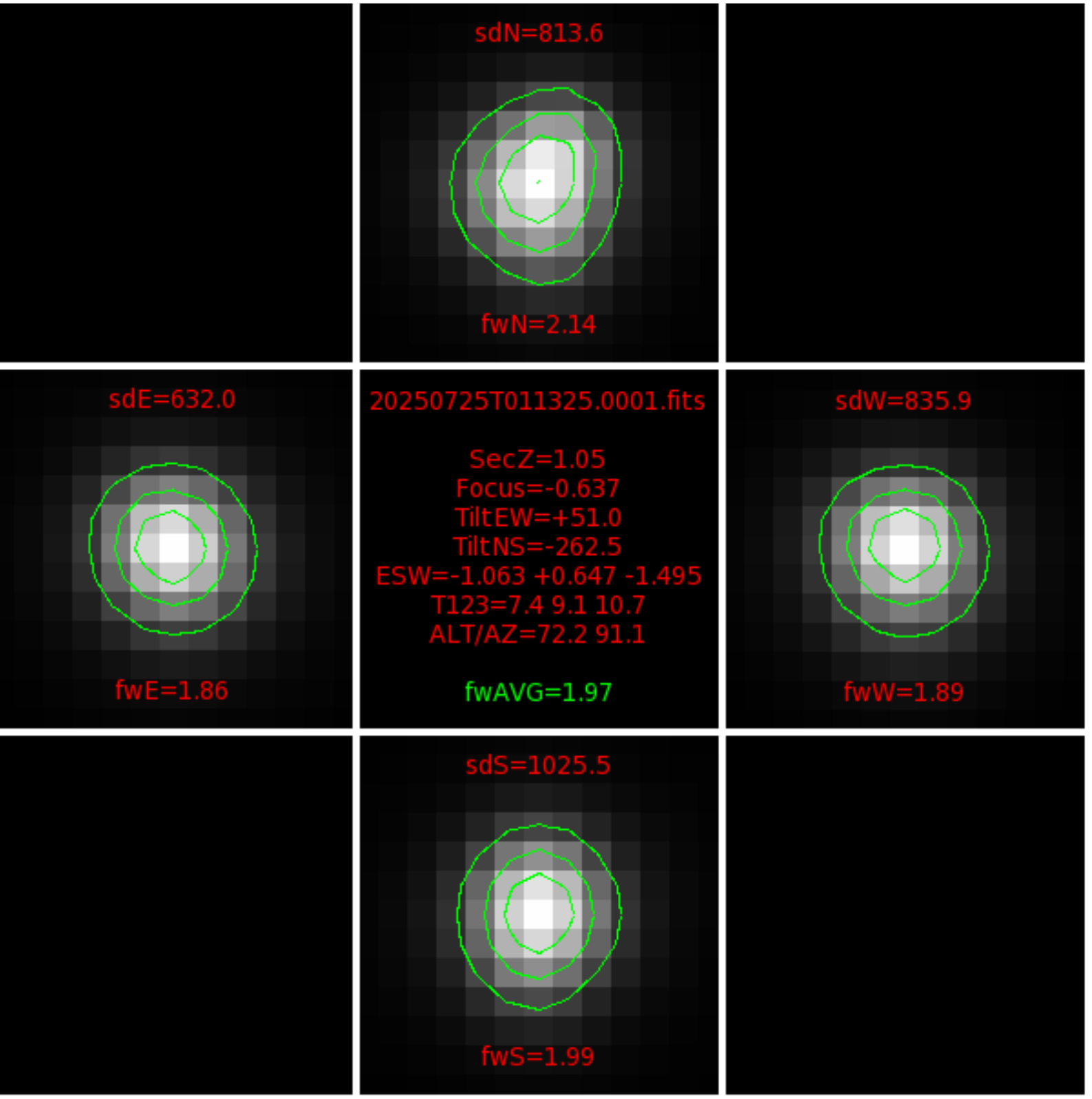
sdN=813.6
fwN=2.14
sdE=632.0
fwE=1.86
20250725T011325.0001.fits
SecZ=1.05
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=7.4 9.1 10.7
ALT/AZ=72.2 91.1
fwAVG=1.97
sdW=835.9
fwW=1.89
sdS=1025.5
fwS=1.99
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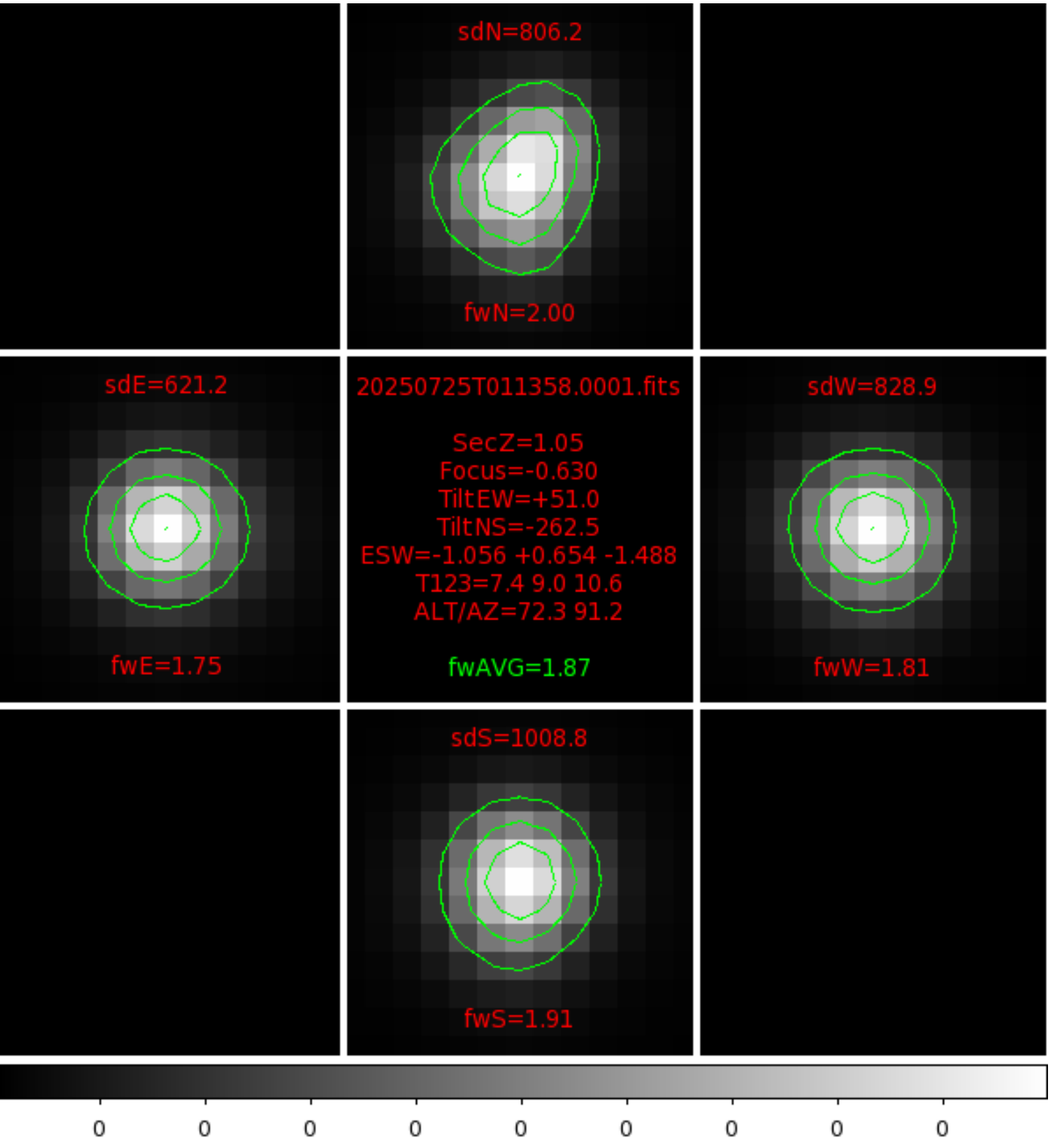
sdN=806.2
fwN=2.00
sdE=621.2
fwE=1.75
20250725T011358.0001.fits
SecZ=1.05
Focus=-0.630
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.056 +0.654 -1.488
T123=7.4 9.0 10.6
ALT/AZ=72.3 91.2
fwAVG=1.87
sdW=828.9
fwW=1.81
sdS=1008.8
fwS=1.91
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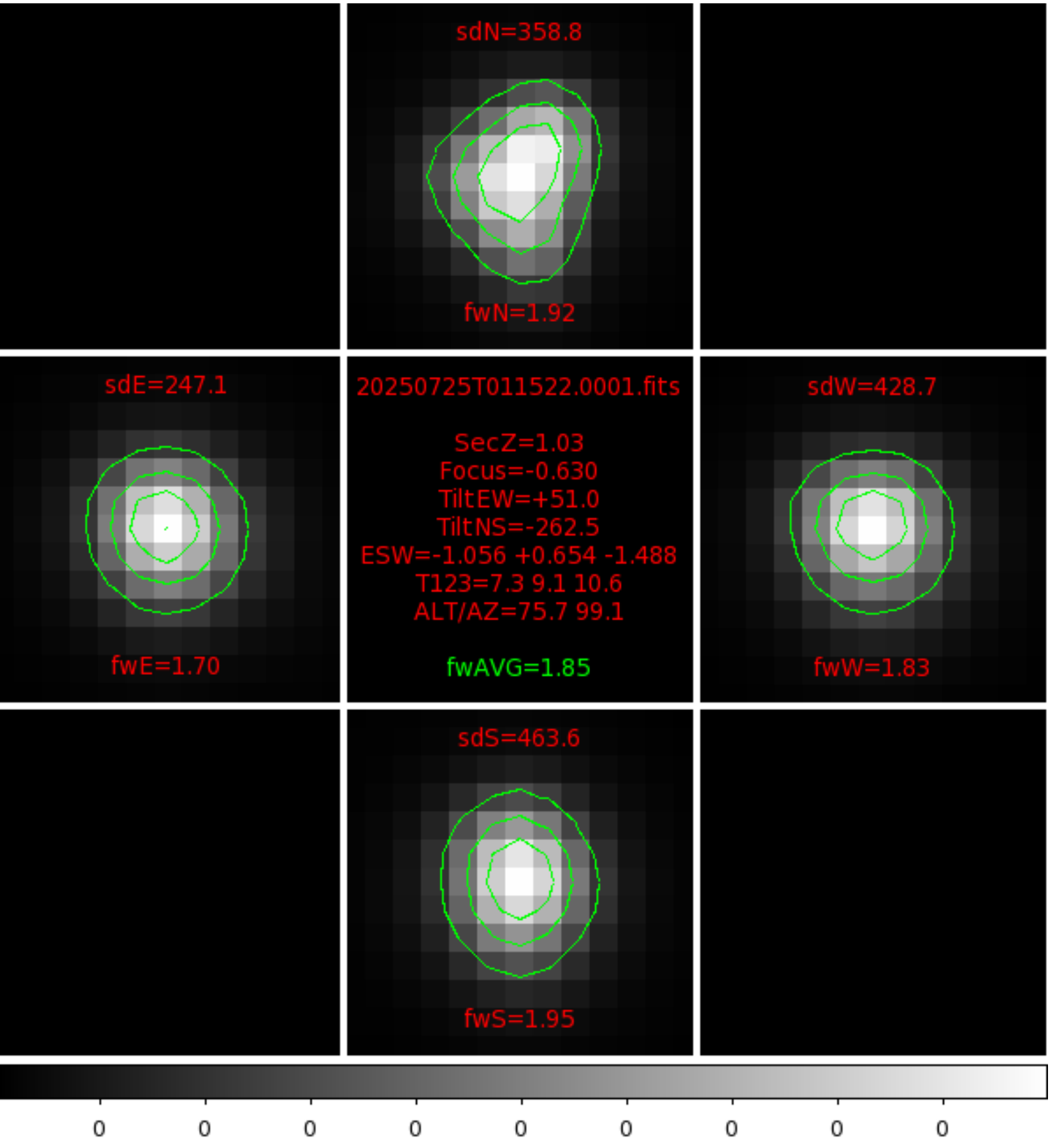
sdN=358.8
fwN=1.92
sdE=247.1
fwE=1.70
20250725T011522.0001.fits
SecZ=1.03
Focus=-0.630
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.056 +0.654 -1.488
T123=7.3 9.1 10.6
ALT/AZ=75.7 99.1
fwAVG=1.85
sdW=428.7
fwW=1.83
sdS=463.6
fwS=1.95
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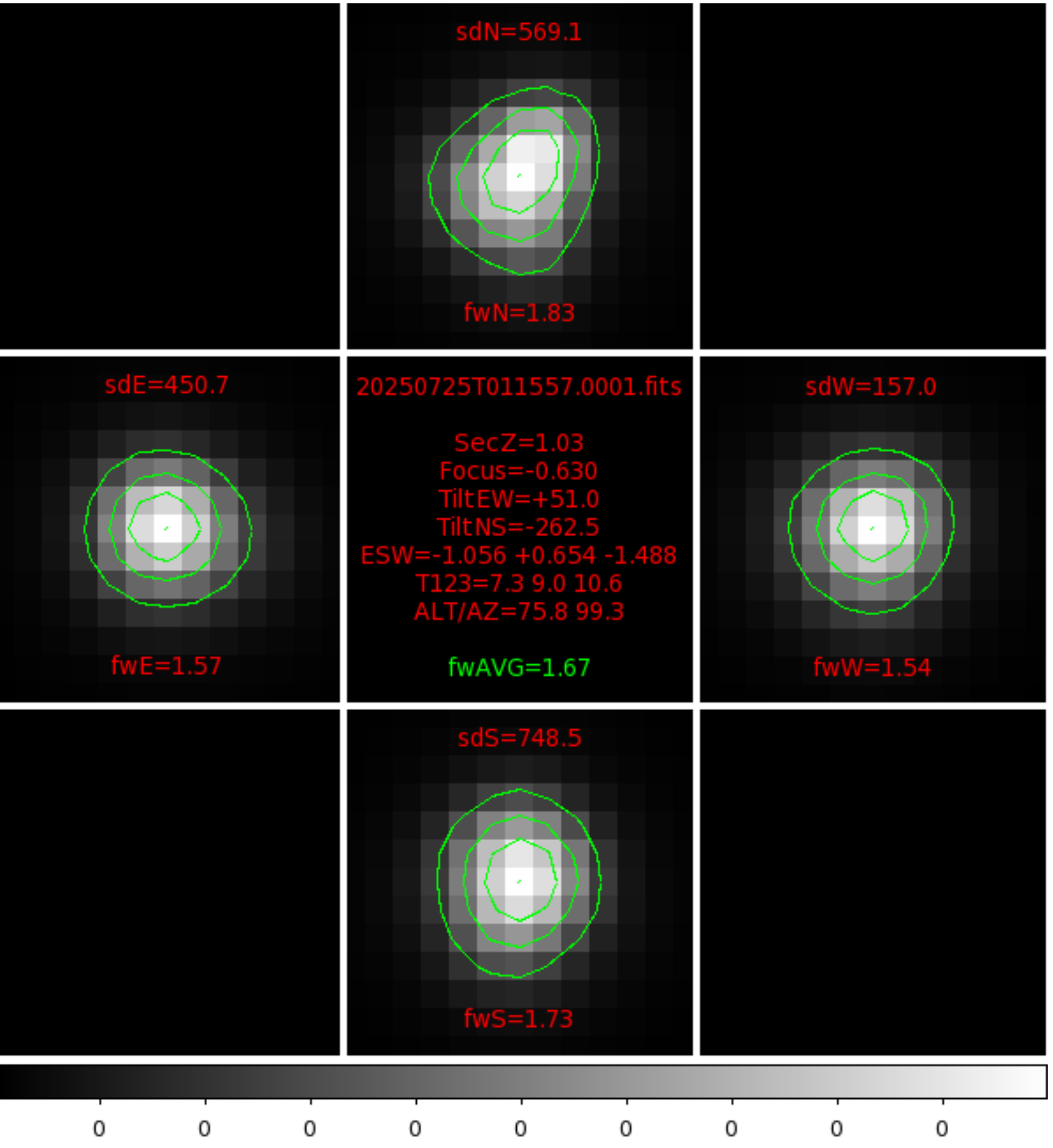
sdN=569.1
fwN=1.83
sdE=450.7
fwE=1.57
20250725T011557.0001.fits
SecZ=1.03
Focus=-0.630
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.056 +0.654 -1.488
T123=7.3 9.0 10.6
ALT/AZ=75.8 99.3
fwAVG=1.67
sdW=157.0
fwW=1.54
sdS=748.5
fwS=1.73
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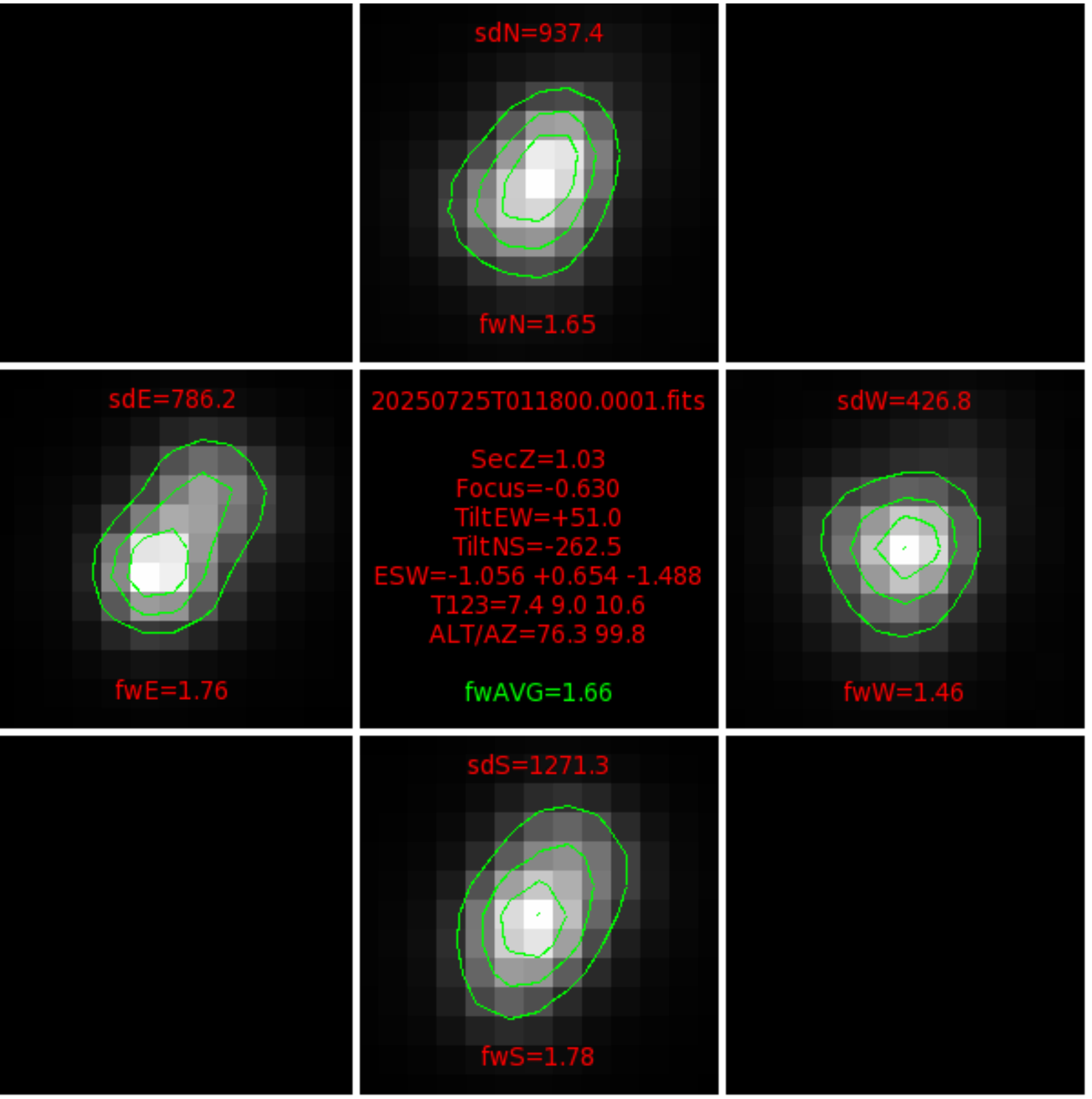
sdN=937.4
fwN=1.65
sdE=786.2
fwE=1.76
20250725T011800.0001.fits
SecZ=1.03
Focus=-0.630
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.056 +0.654 -1.488
T123=7.4 9.0 10.6
ALT/AZ=76.3 99.8
fwAVG=1.66
sdW=426.8
fwW=1.46
sdS=1271.3
fwS=1.78
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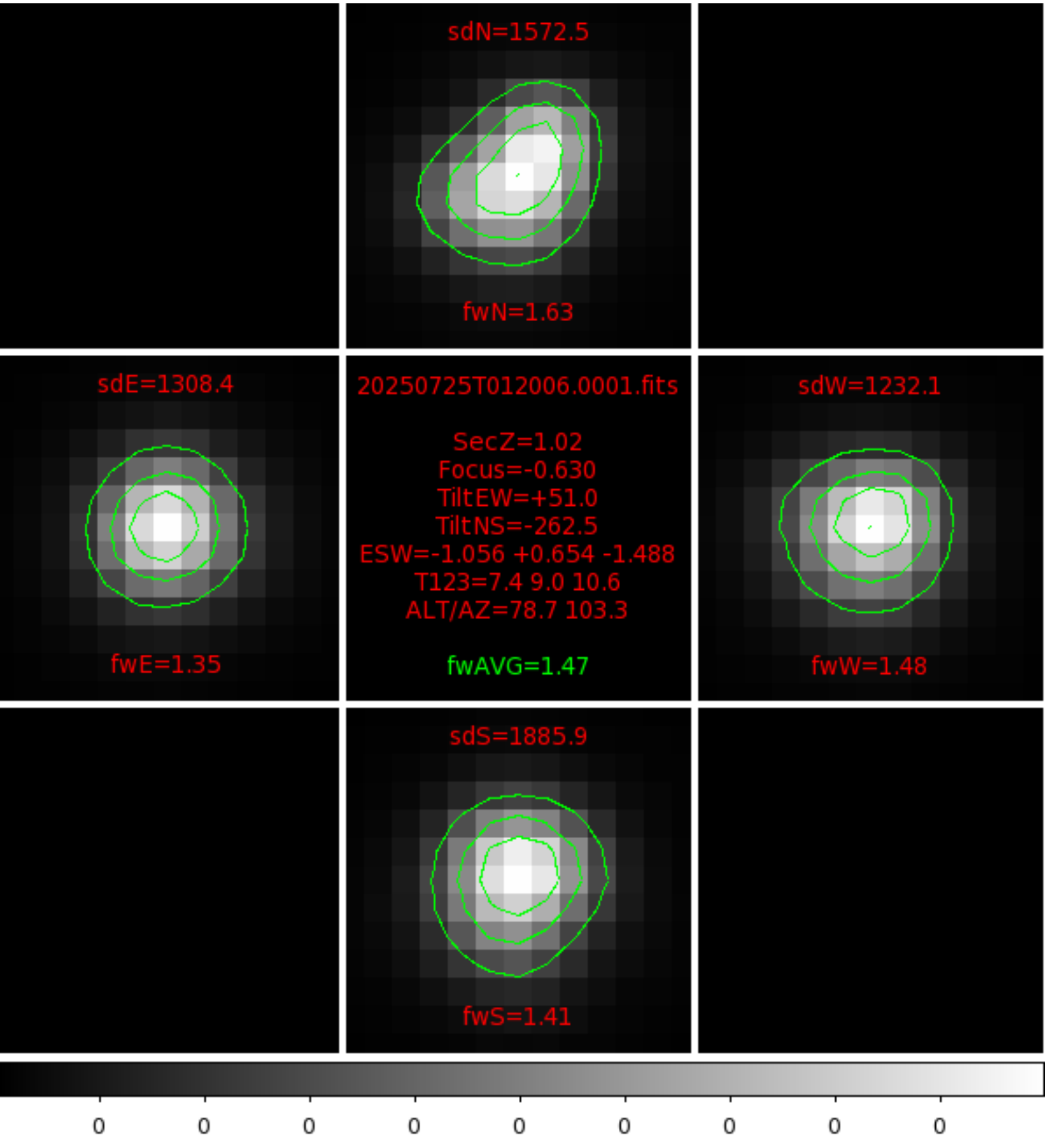
sdN=1572.5
fwN=1.63
sdE=1308.4
fwE=1.35
20250725T012006.0001.fits
SecZ=1.02
Focus=-0.630
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.056 +0.654 -1.488
T123=7.4 9.0 10.6
ALT/AZ=78.7 103.3
fwAVG=1.47
sdW=1232.1
fwW=1.48
sdS=1885.9
fwS=1.41
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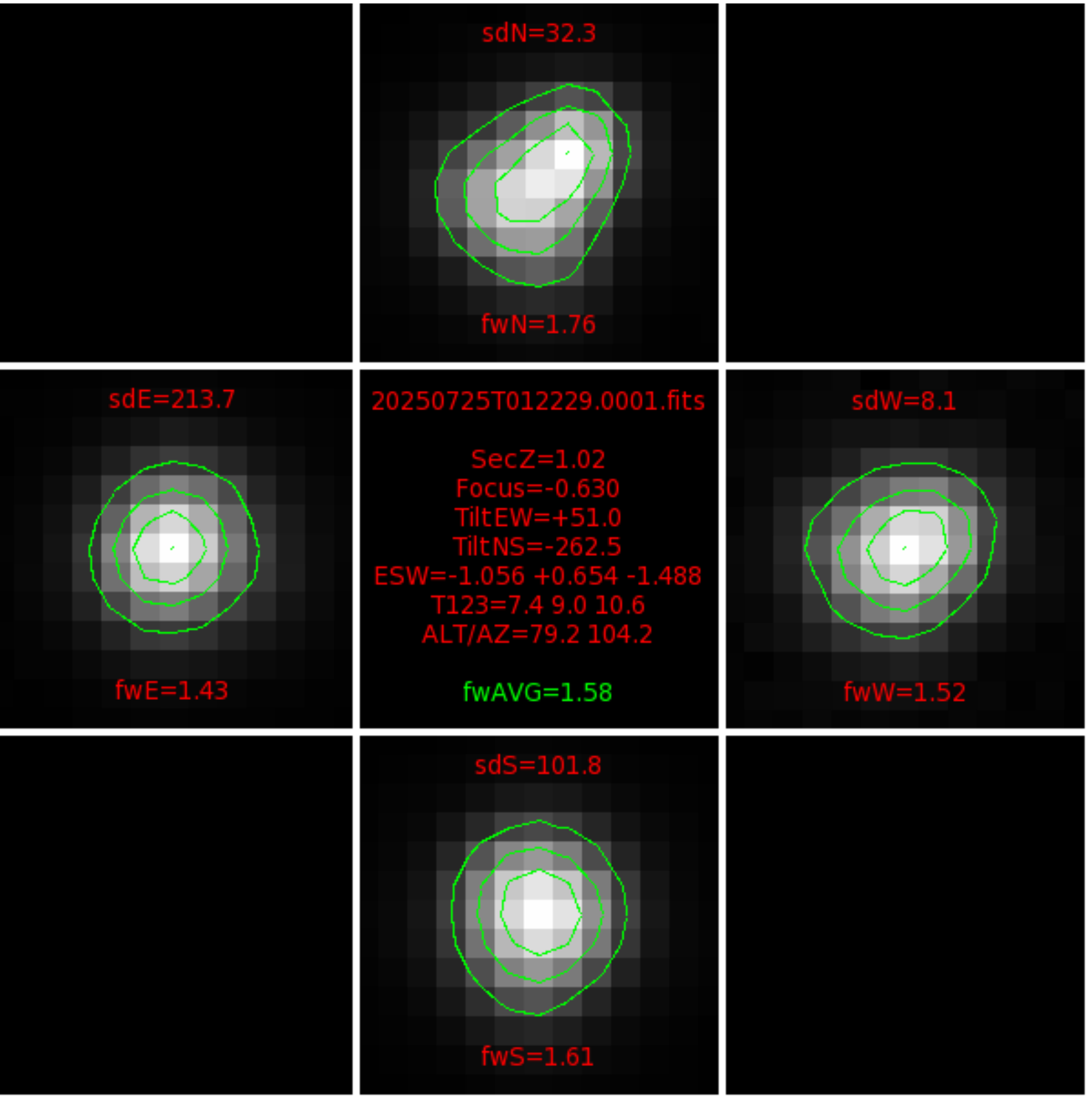
sdN=32.3
fwN=1.76
sdE=213.7
fwE=1.43
20250725T012229.0001.fits
SecZ=1.02
Focus=-0.630
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.056 +0.654 -1.488
T123=7.4 9.0 10.6
ALT/AZ=79.2 104.2
fwAVG=1.58
sdW=8.1
fwW=1.52
sdS=101.8
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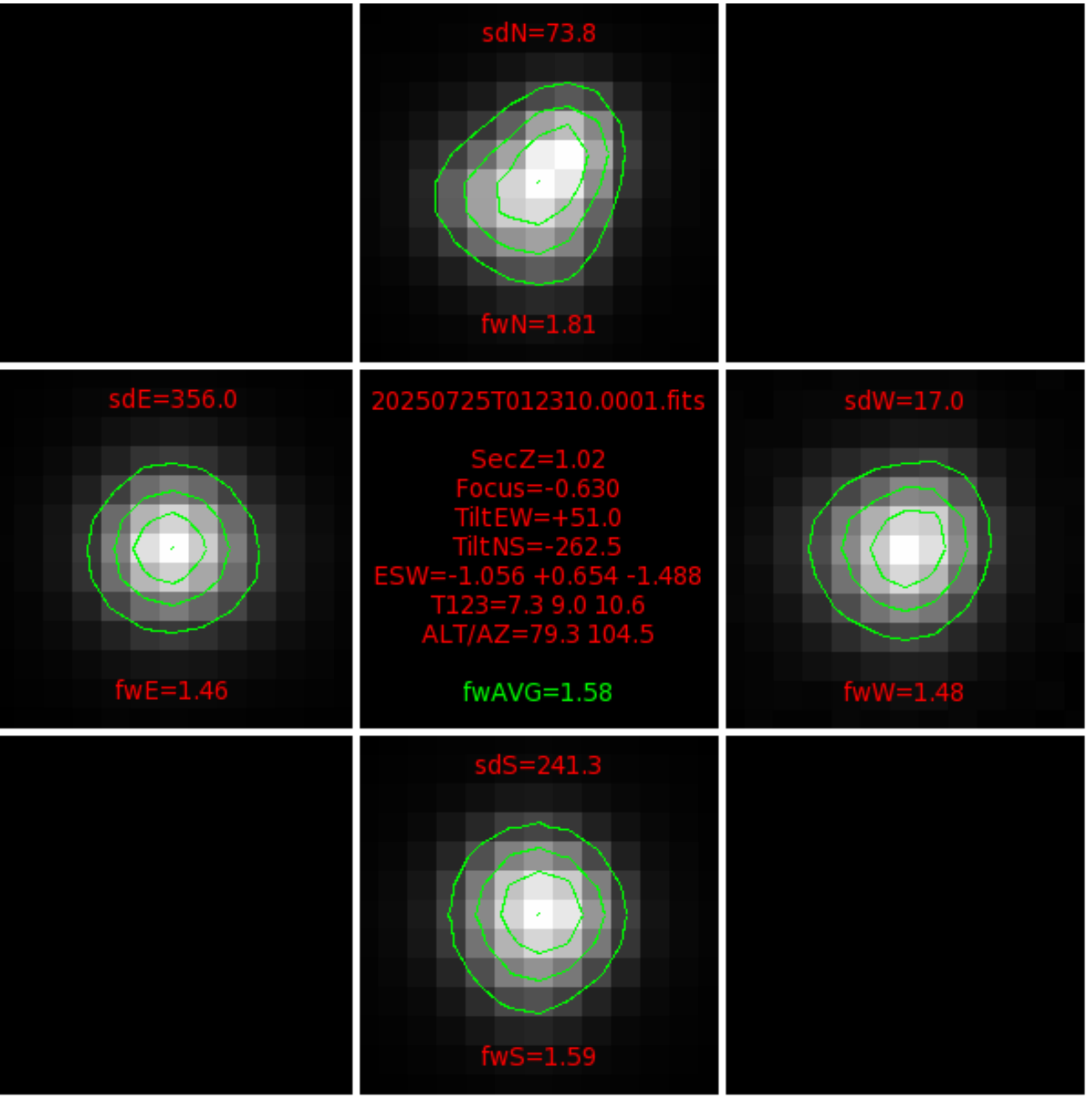
sdN=73.8
fwN=1.81
sdE=356.0
fwE=1.46
20250725T012310.0001.fits
SecZ=1.02
Focus=-0.630
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.056 +0.654 -1.488
T123=7.3 9.0 10.6
ALT/AZ=79.3 104.5
fwAVG=1.58
sdW=17.0
fwW=1.48
sdS=241.3
fwS=1.59
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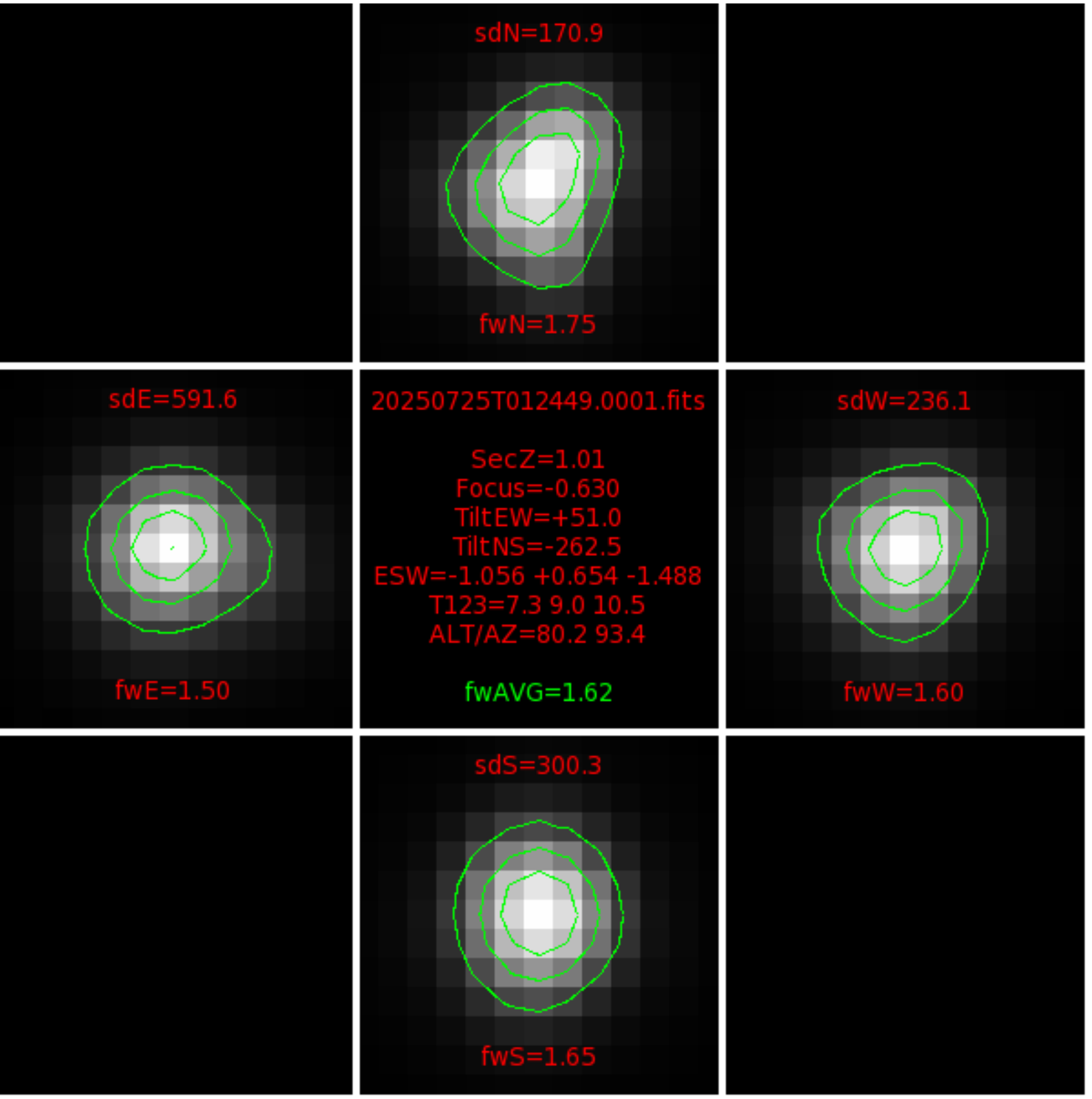
sdN=170.9
fwN=1.75
sdE=591.6
fwE=1.50
20250725T012449.0001.fits
SecZ=1.01
Focus=-0.630
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.056 +0.654 -1.488
T123=7.3 9.0 10.5
ALT/AZ=80.2 93.4
fwAVG=1.62
sdW=236.1
fwW=1.60
sdS=300.3
fwS=1.65
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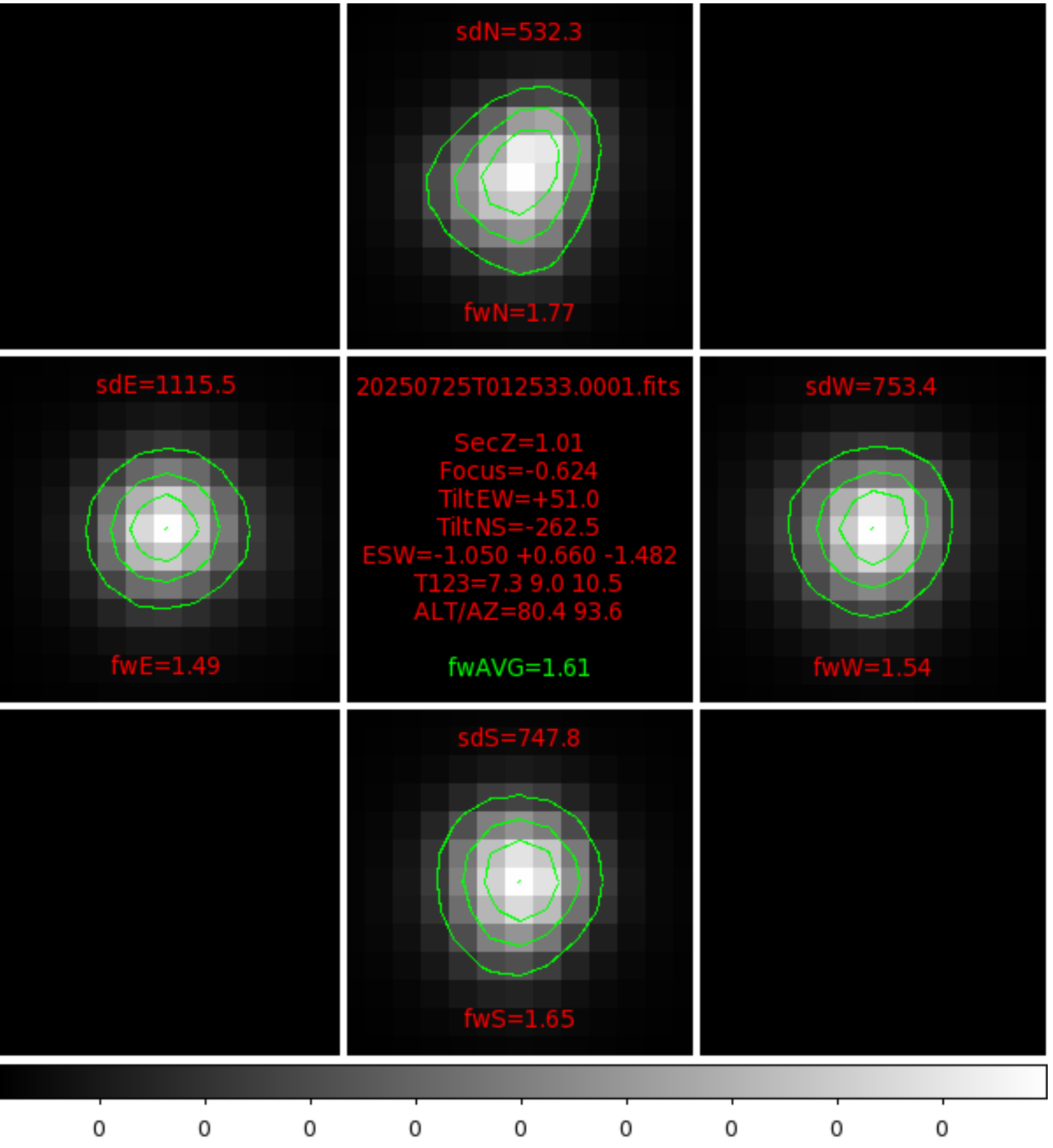
sdN=532.3
fwN=1.77
sdE=1115.5
fwE=1.49
20250725T012533.0001.fits
SecZ=1.01
Focus=-0.624
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.050 +0.660 -1.482
T123=7.3 9.0 10.5
ALT/AZ=80.4 93.6
fwAVG=1.61
sdW=753.4
fwW=1.54
sdS=747.8
fwS=1.65
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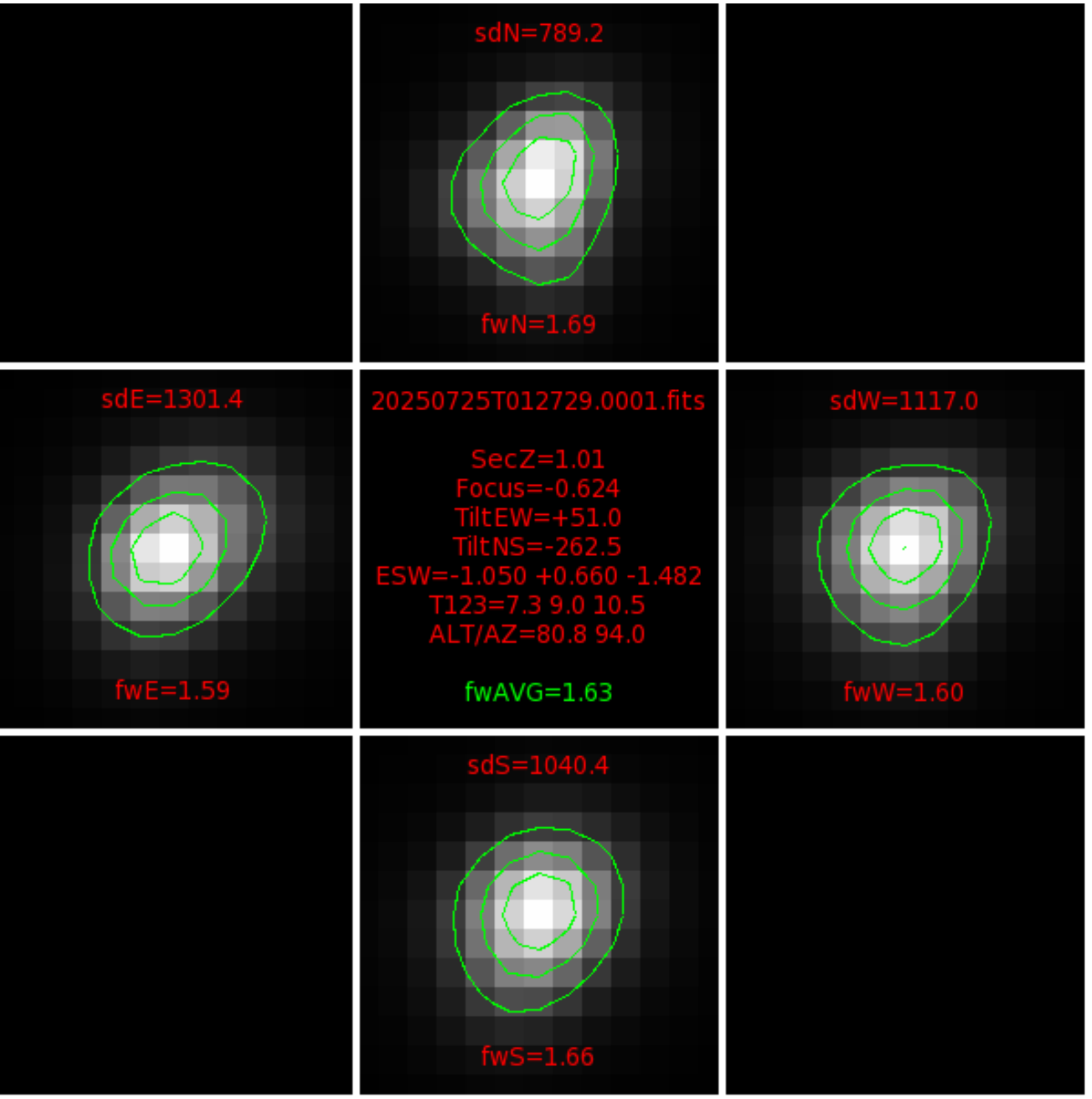
sdN=789.2
fwN=1.69
sdE=1301.4
fwE=1.59
20250725T012729.0001.fits
SecZ=1.01
Focus=-0.624
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.050 +0.660 -1.482
T123=7.3 9.0 10.5
ALT/AZ=80.8 94.0
fwAVG=1.63
sdW=1117.0
fwW=1.60
sdS=1040.4
fwS=1.66
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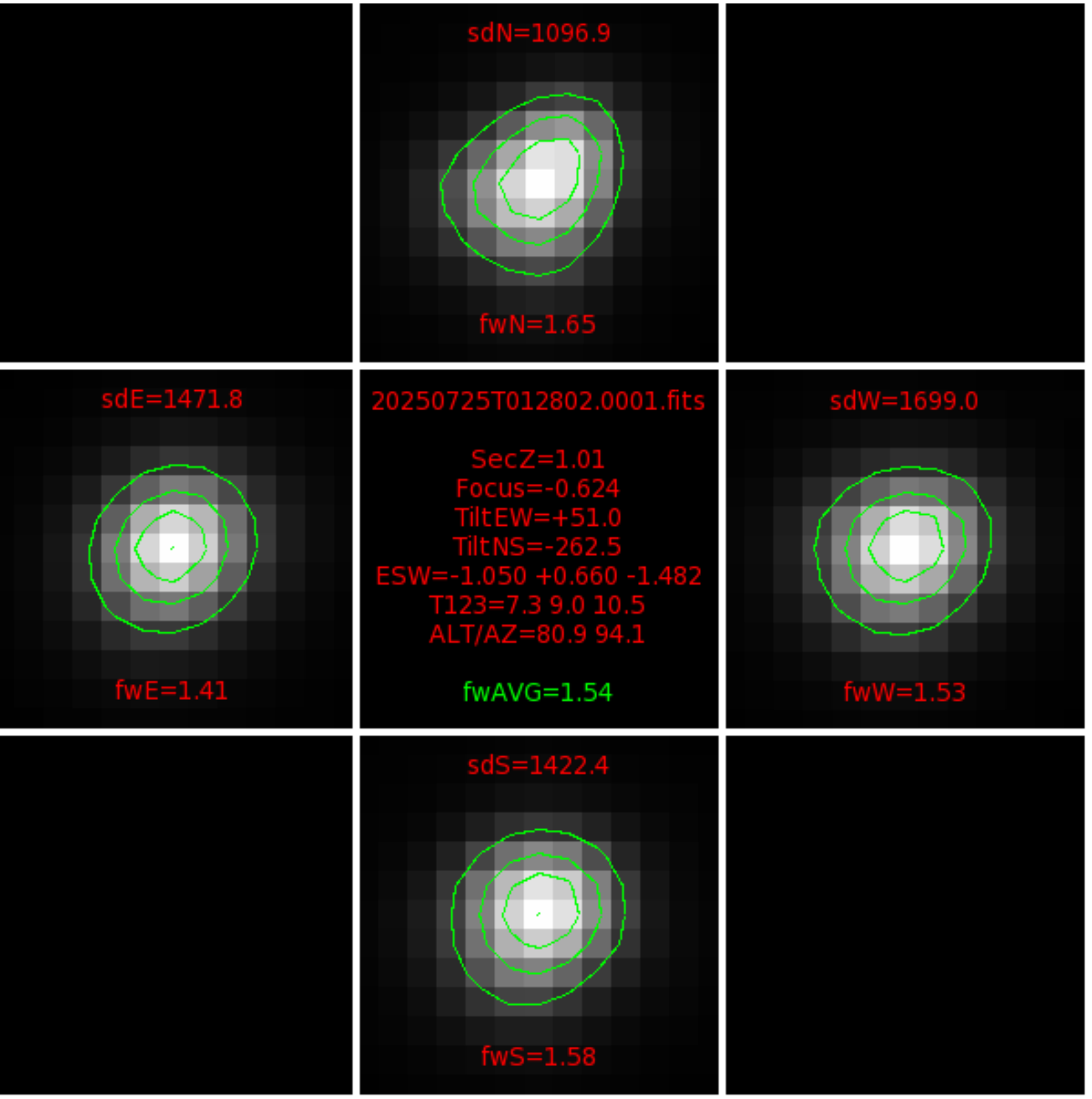
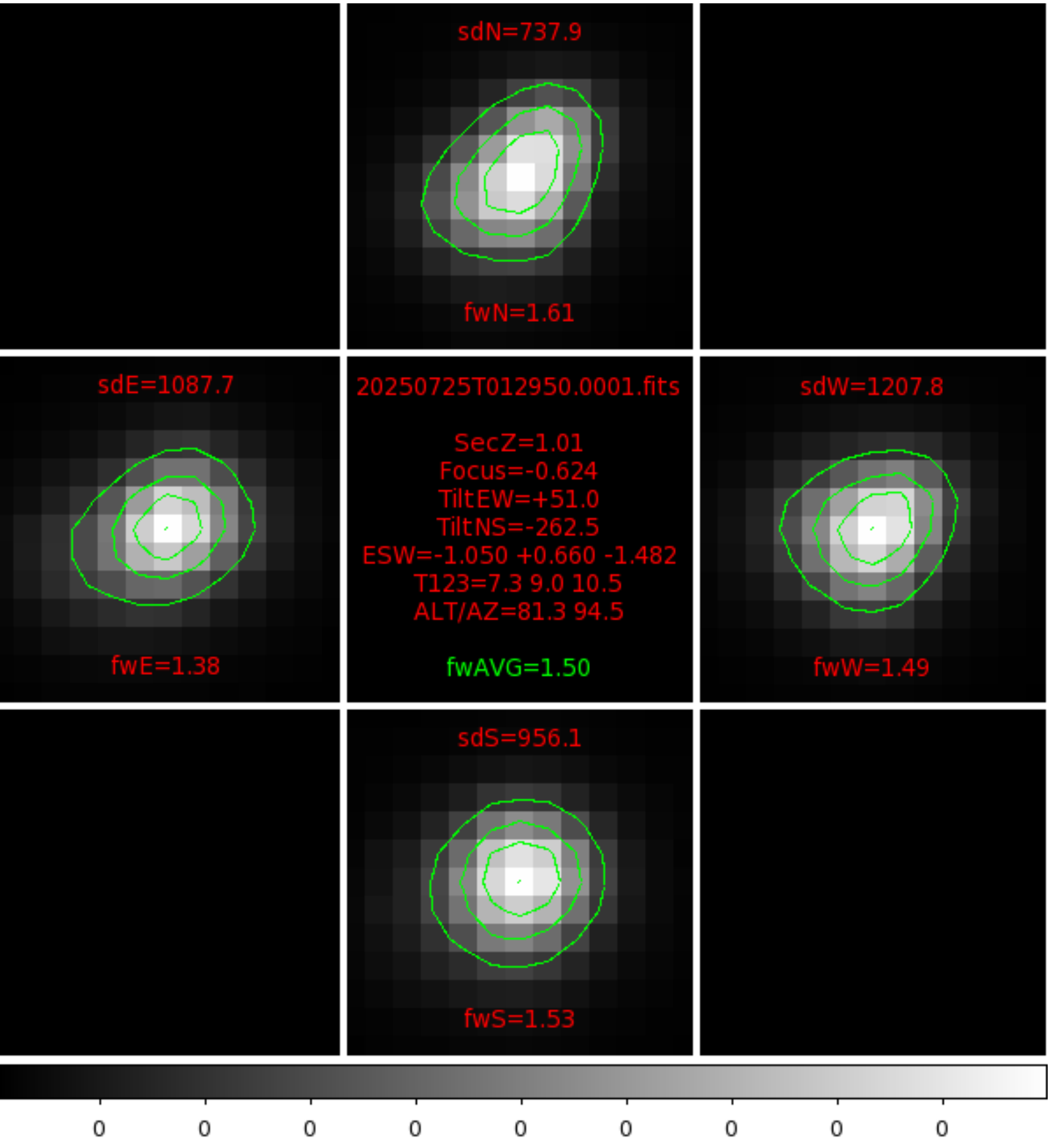

sdN=1096.9
fwN=1.65
sdE=1471.8
fwE=1.41
20250725T012802.0001.fits
SecZ=1.01
Focus=-0.624
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.050 +0.660 -1.482
T123=7.3 9.0 10.5
ALT/AZ=80.9 94.1
fwAVG=1.54
sdW=1699.0
fwW=1.53
sdS=1422.4
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=737.9
fwN=1.61
sdE=1087.7
fwE=1.38
20250725T012950.0001.fits
SecZ=1.01
Focus=-0.624
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.050 +0.660 -1.482
T123=7.3 9.0 10.5
ALT/AZ=81.3 94.5
fwAVG=1.50
sdW=1207.8
fwW=1.49
sdS=956.1
fwS=1.53
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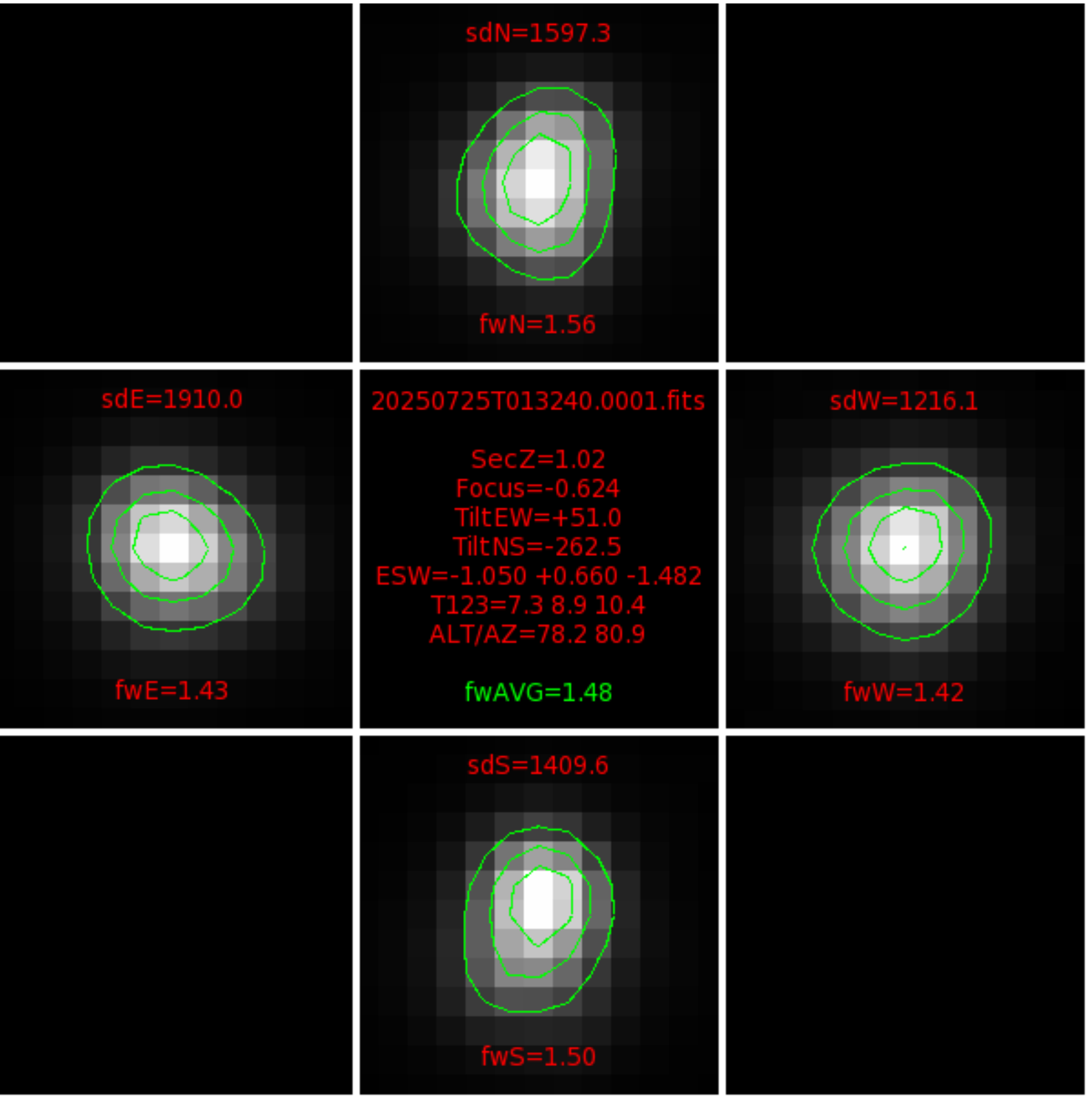
sdN=1597.3
fwN=1.56
sdE=1910.0
fwE=1.43
20250725T013240.0001.fits
SecZ=1.02
Focus=-0.624
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.050 +0.660 -1.482
T123=7.3 8.9 10.4
ALT/AZ=78.2 80.9
fwAVG=1.48
sdW=1216.1
fwW=1.42
sdS=1409.6
fwS=1.50
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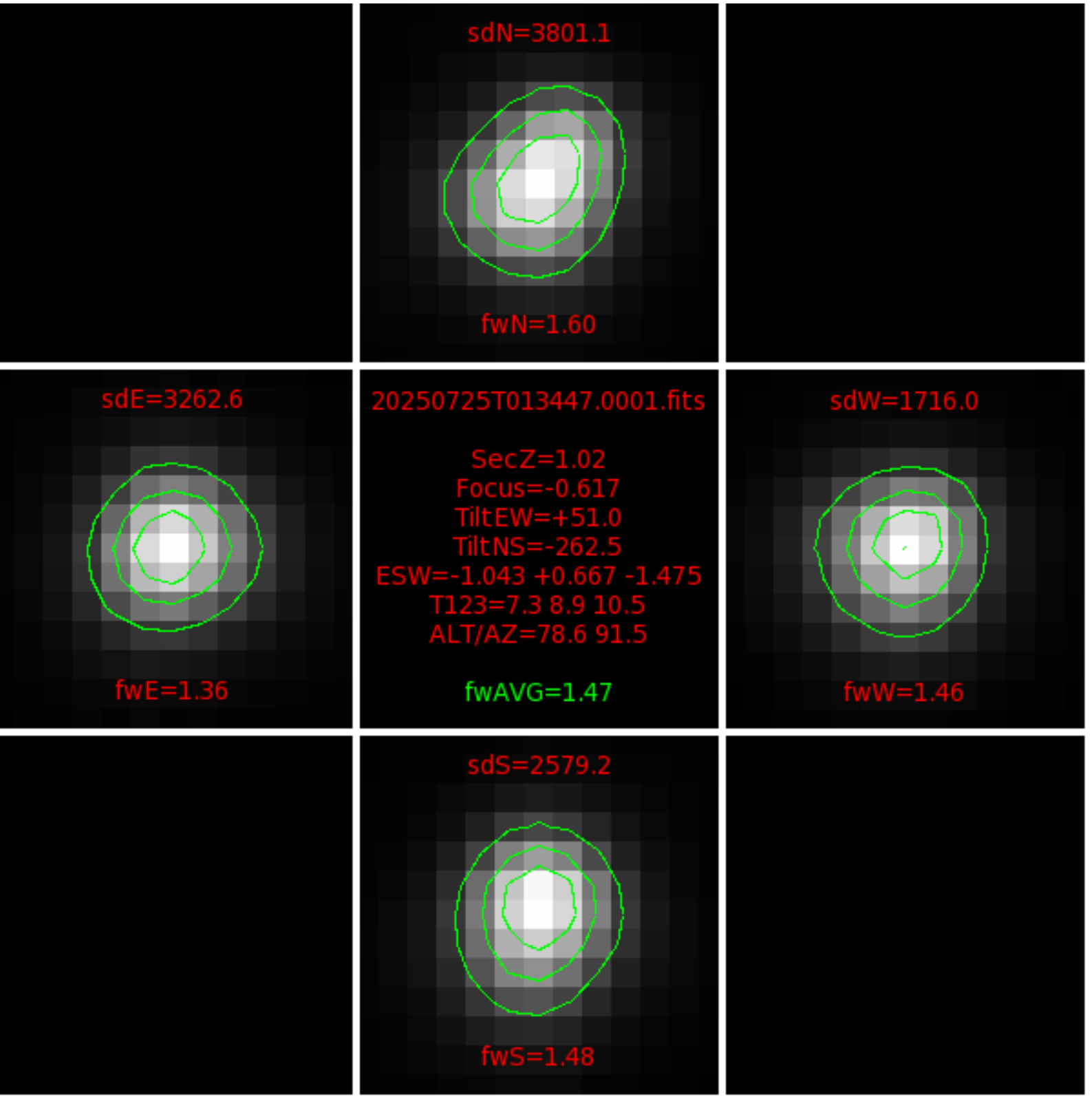
sdN=3801.1
fwN=1.60
sdE=3262.6
fwE=1.36
20250725T013447.0001.fits
SecZ=1.02
Focus=-0.617
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.043 +0.667 -1.475
T123=7.3 8.9 10.5
ALT/AZ=78.6 91.5
fwAVG=1.47
sdW=1716.0
fwW=1.46
sdS=2579.2
fwS=1.48
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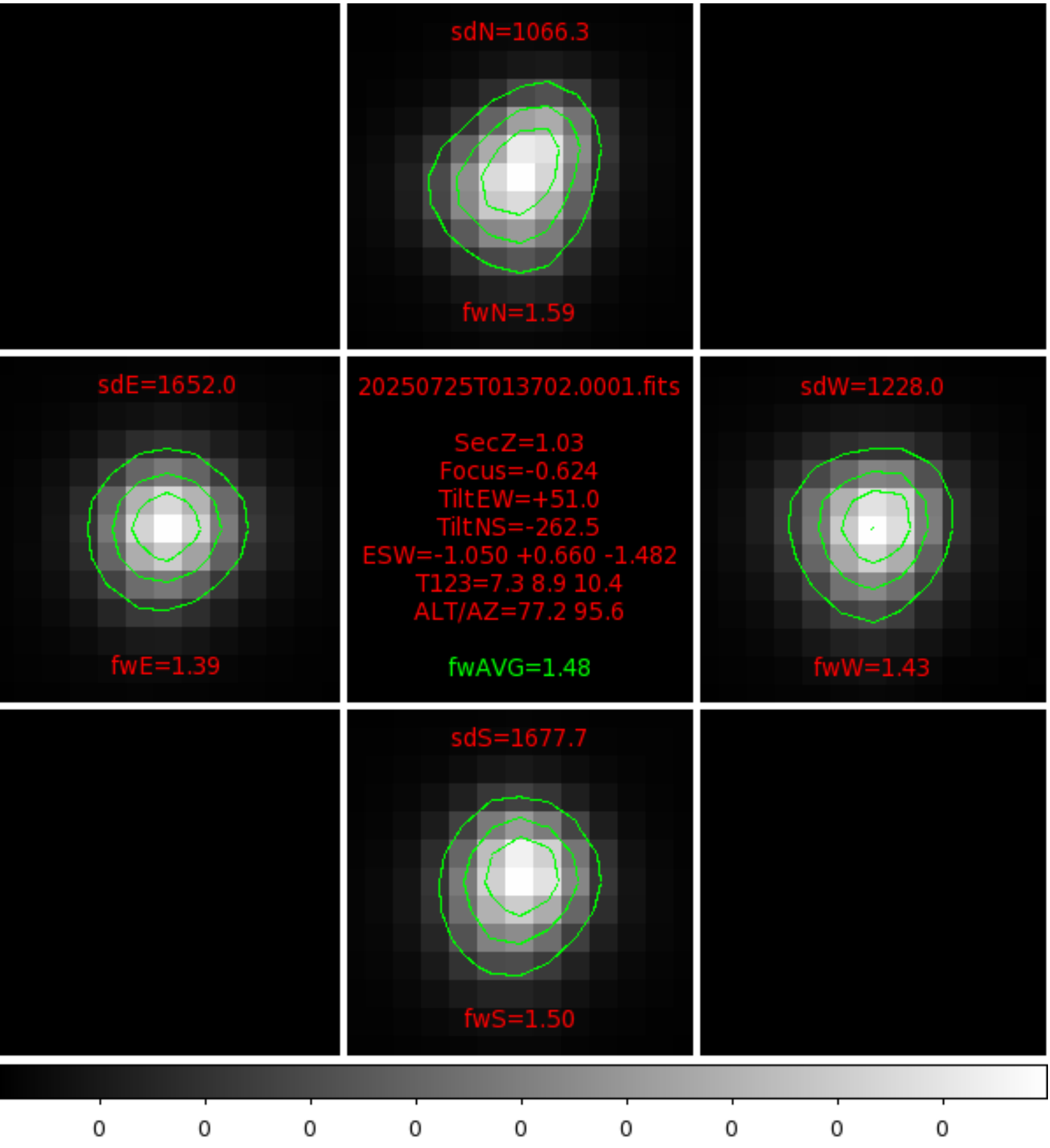
sdN=1066.3
fwN=1.59
sdE=1652.0
fwE=1.39
20250725T013702.0001.fits
SecZ=1.03
Focus=-0.624
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.050 +0.660 -1.482
T123=7.3 8.9 10.4
ALT/AZ=77.2 95.6
fwAVG=1.48
sdW=1228.0
fwW=1.43
sdS=1677.7
fwS=1.50
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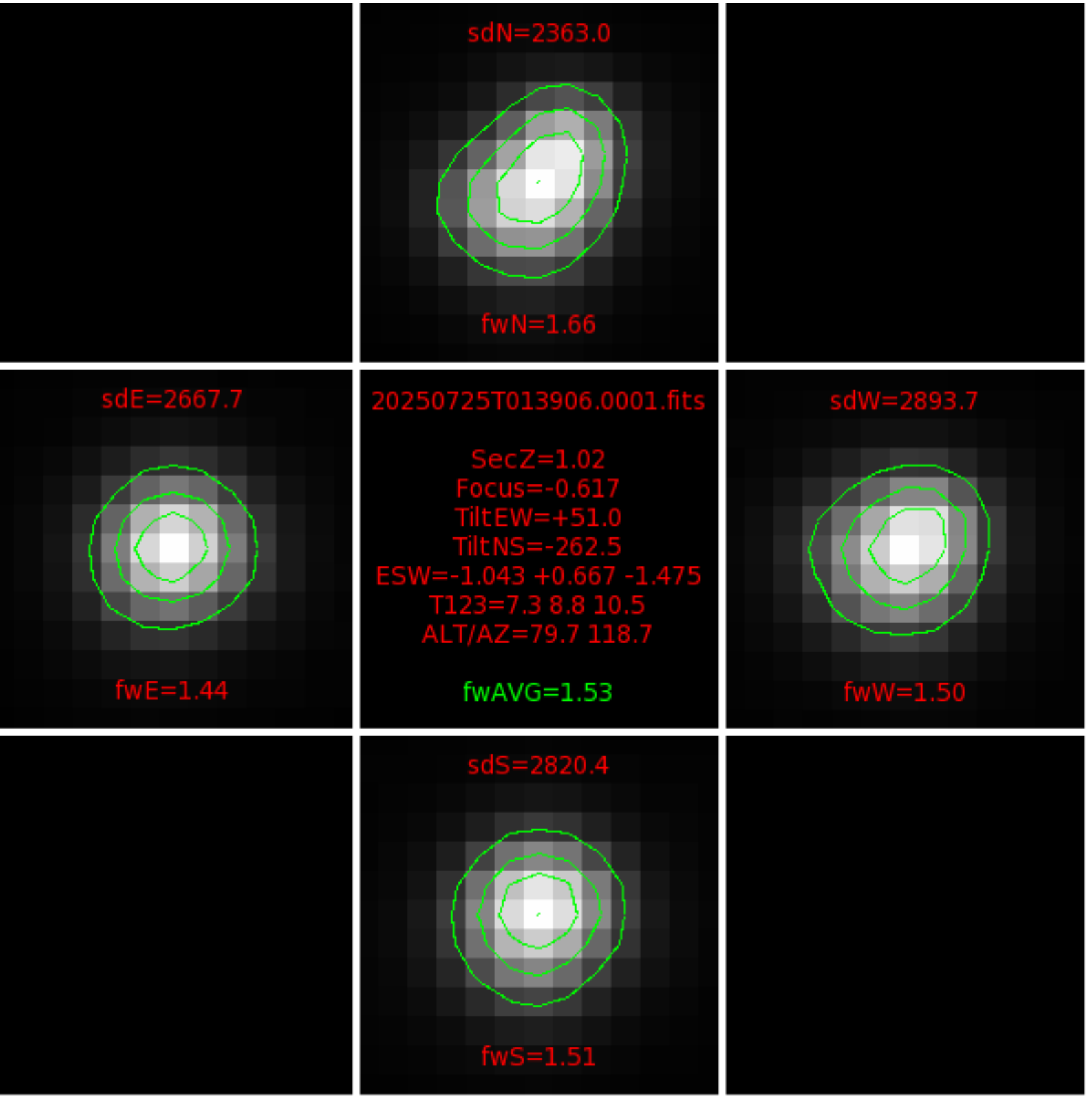
sdN=2363.0
fwN=1.66
sdE=2667.7
fwE=1.44
20250725T013906.0001.fits
SecZ=1.02
Focus=-0.617
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.043 +0.667 -1.475
T123=7.3 8.8 10.5
ALT/AZ=79.7 118.7
fwAVG=1.53
sdW=2893.7
fwW=1.50
sdS=2820.4
fwS=1.51
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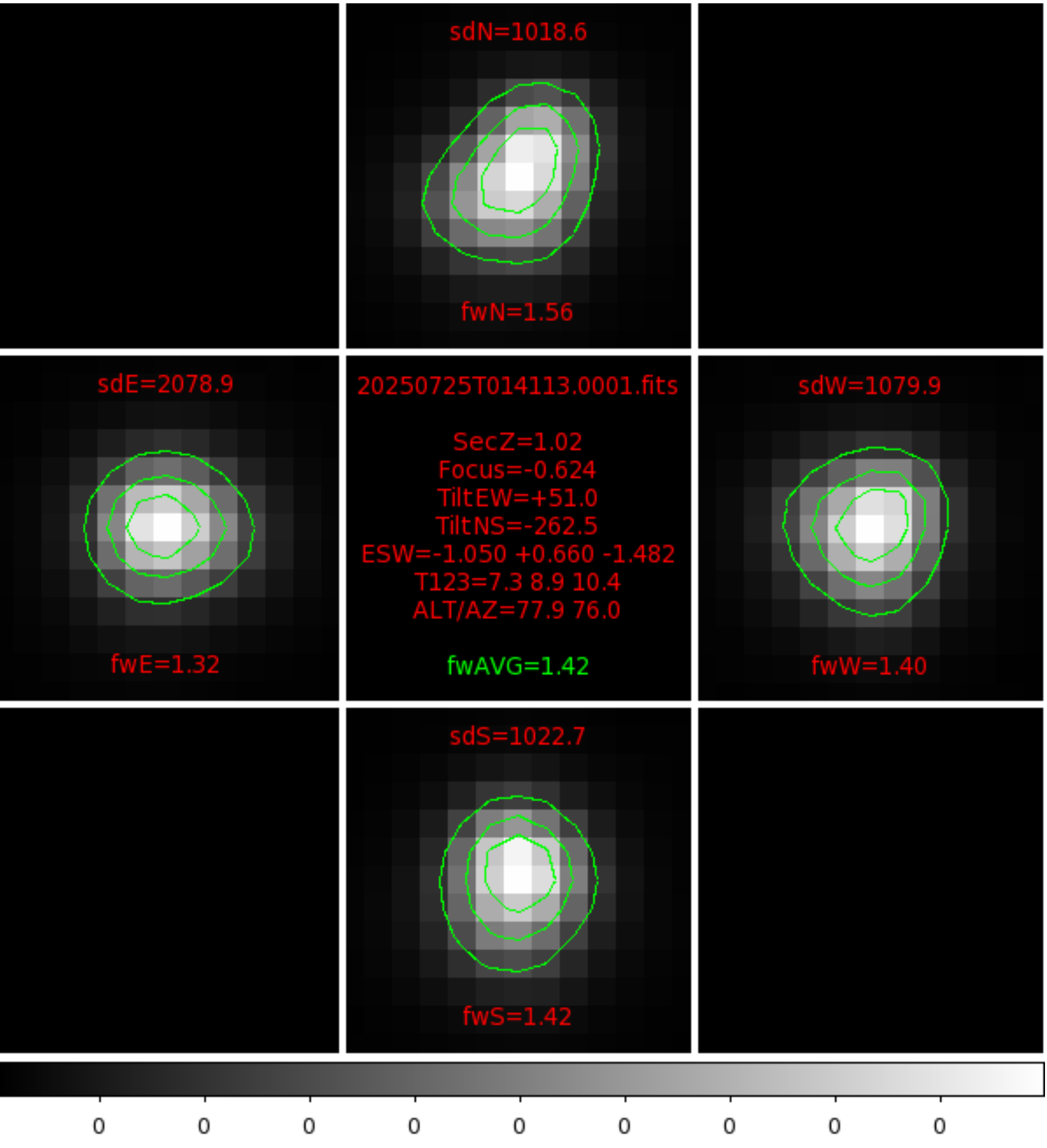
sdN=1018.6
fwN=1.56
sdE=2078.9
fwE=1.32
20250725T014113.0001.fits
SecZ=1.02
Focus=-0.624
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.050 +0.660 -1.482
T123=7.3 8.9 10.4
ALT/AZ=77.9 76.0
fwAVG=1.42
sdW=1079.9
fwW=1.40
sdS=1022.7
fwS=1.42
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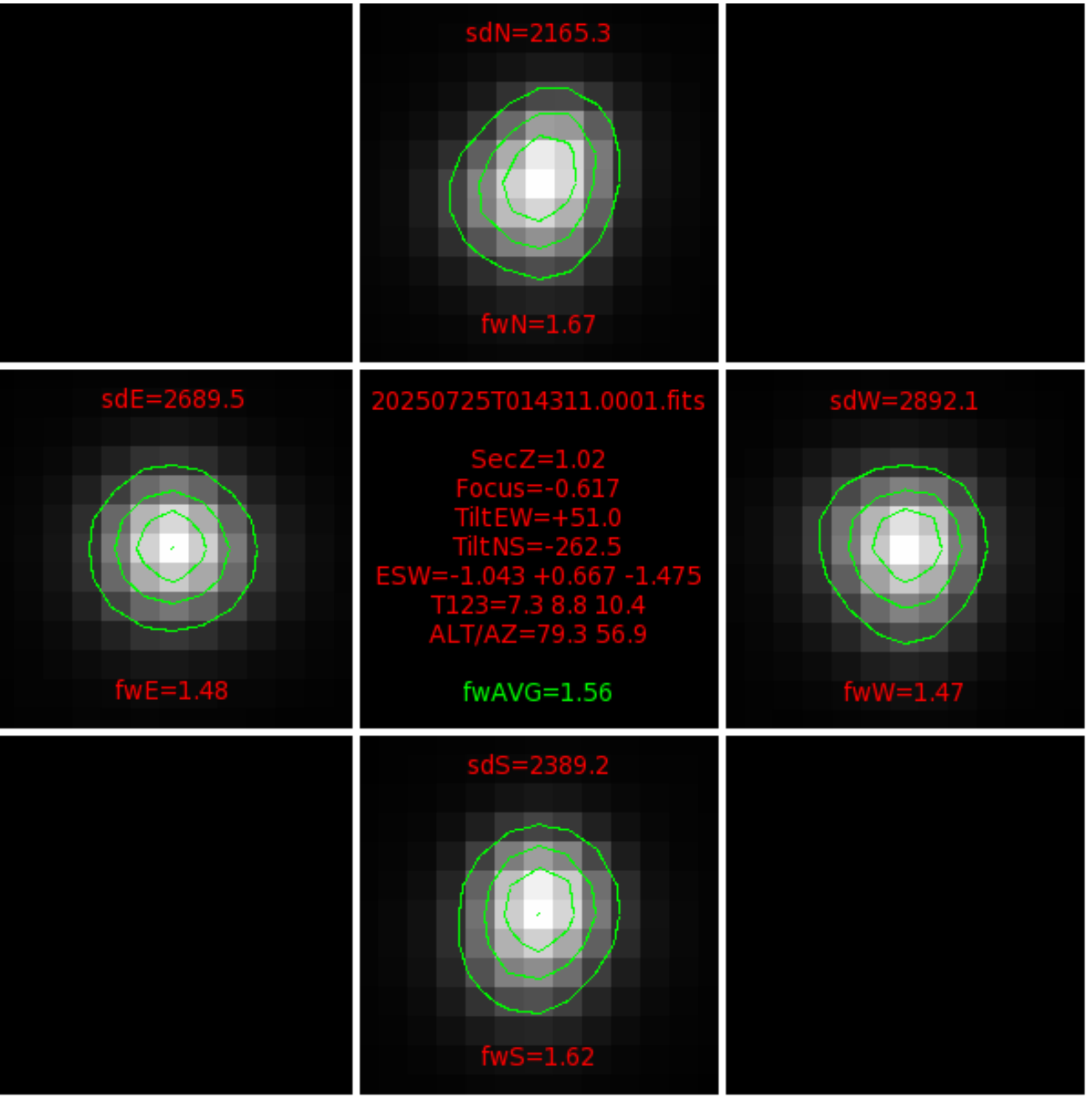
sdN=2165.3
fwN=1.67
sdE=2689.5
fwE=1.48
20250725T014311.0001.fits
SecZ=1.02
Focus=-0.617
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.043 +0.667 -1.475
T123=7.3 8.8 10.4
ALT/AZ=79.3 56.9
fwAVG=1.56
sdW=2892.1
fwW=1.47
sdS=2389.2
fwS=1.62
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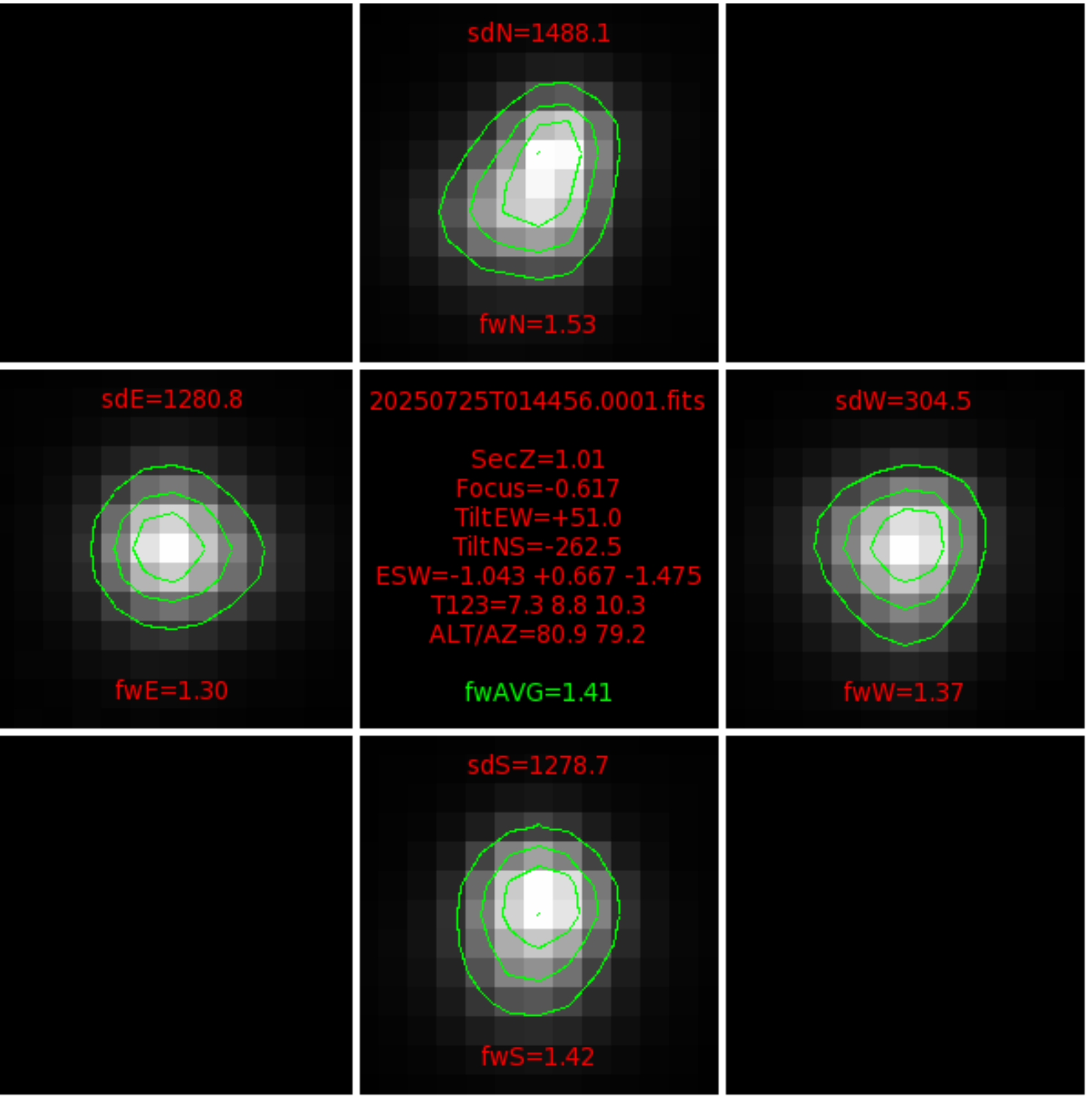
sdN=1488.1
fwN=1.53
sdE=1280.8
fwE=1.30
20250725T014456.0001.fits
SecZ=1.01
Focus=-0.617
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.043 +0.667 -1.475
T123=7.3 8.8 10.3
ALT/AZ=80.9 79.2
fwAVG=1.41
sdW=304.5
fwW=1.37
sdS=1278.7
fwS=1.42
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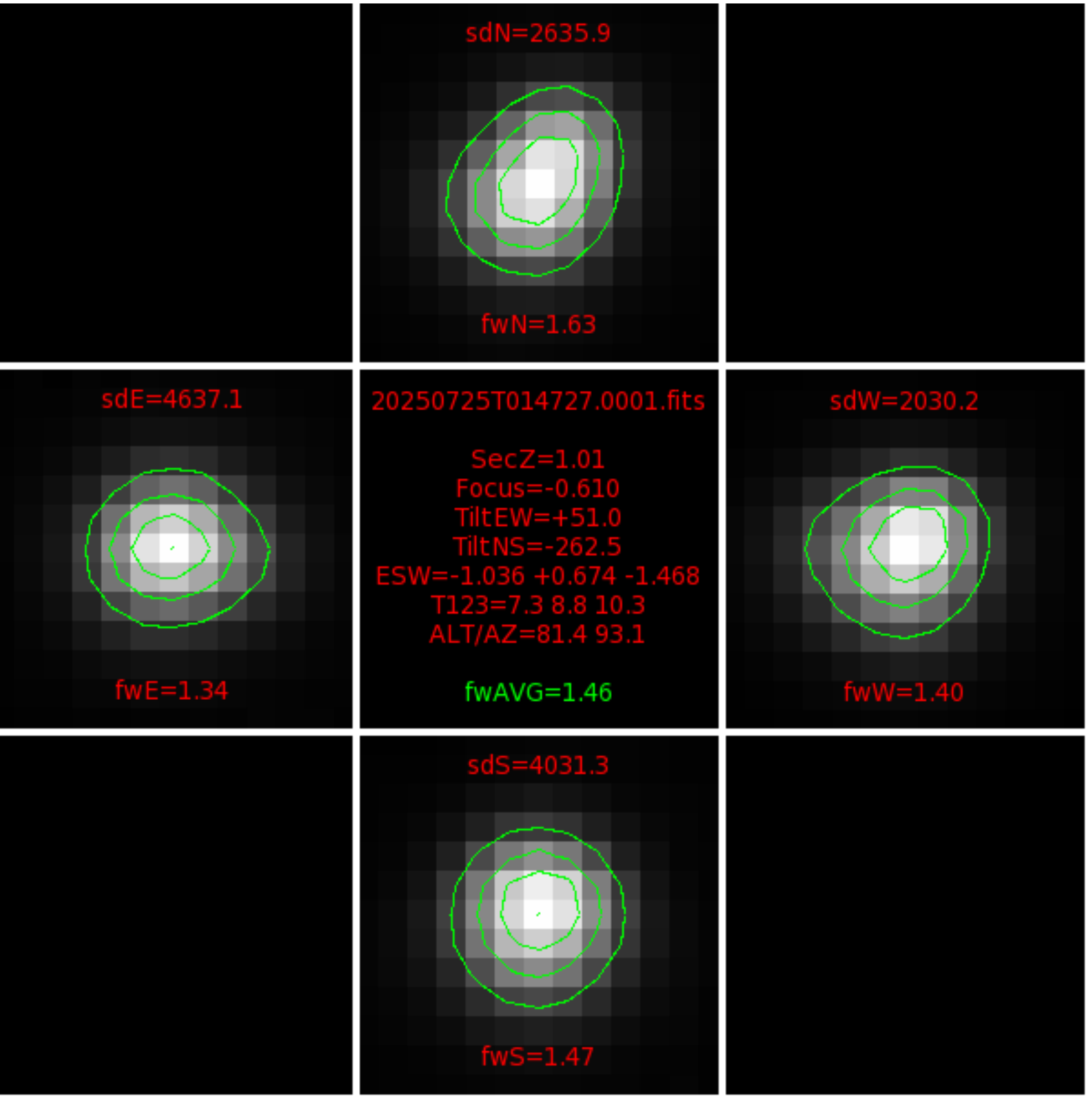
sdN=2635.9
fwN=1.63
sdE=4637.1
fwE=1.34
20250725T014727.0001.fits
SecZ=1.01
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.3 8.8 10.3
ALT/AZ=81.4 93.1
fwAVG=1.46
sdW=2030.2
fwW=1.40
sdS=4031.3
fwS=1.47
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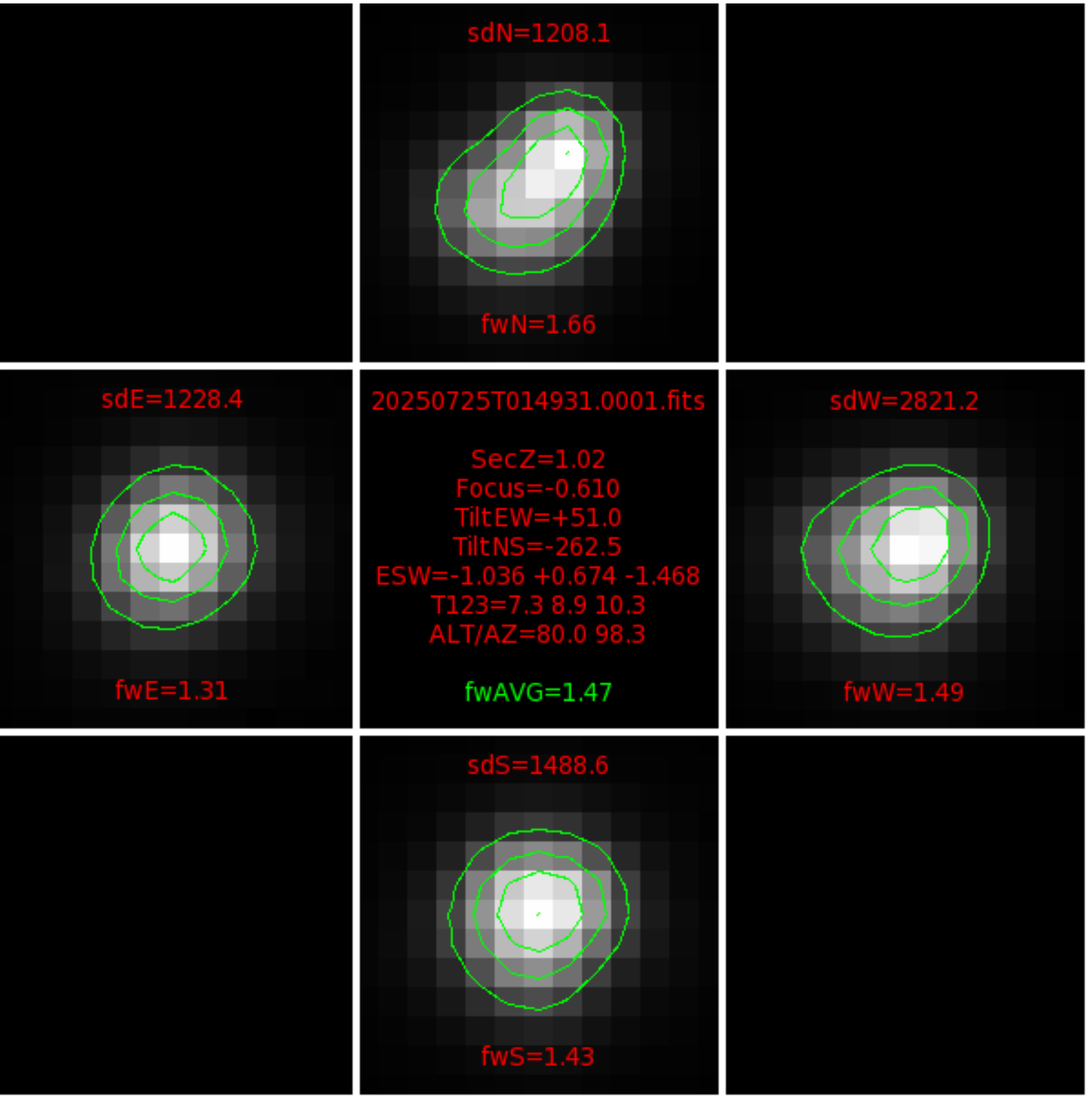
sdN=1208.1
fwN=1.66
sdE=1228.4
fwE=1.31
20250725T014931.0001.fits
SecZ=1.02
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.3 8.9 10.3
ALT/AZ=80.0 98.3
fwAVG=1.47
sdW=2821.2
fwW=1.49
sdS=1488.6
fwS=1.43
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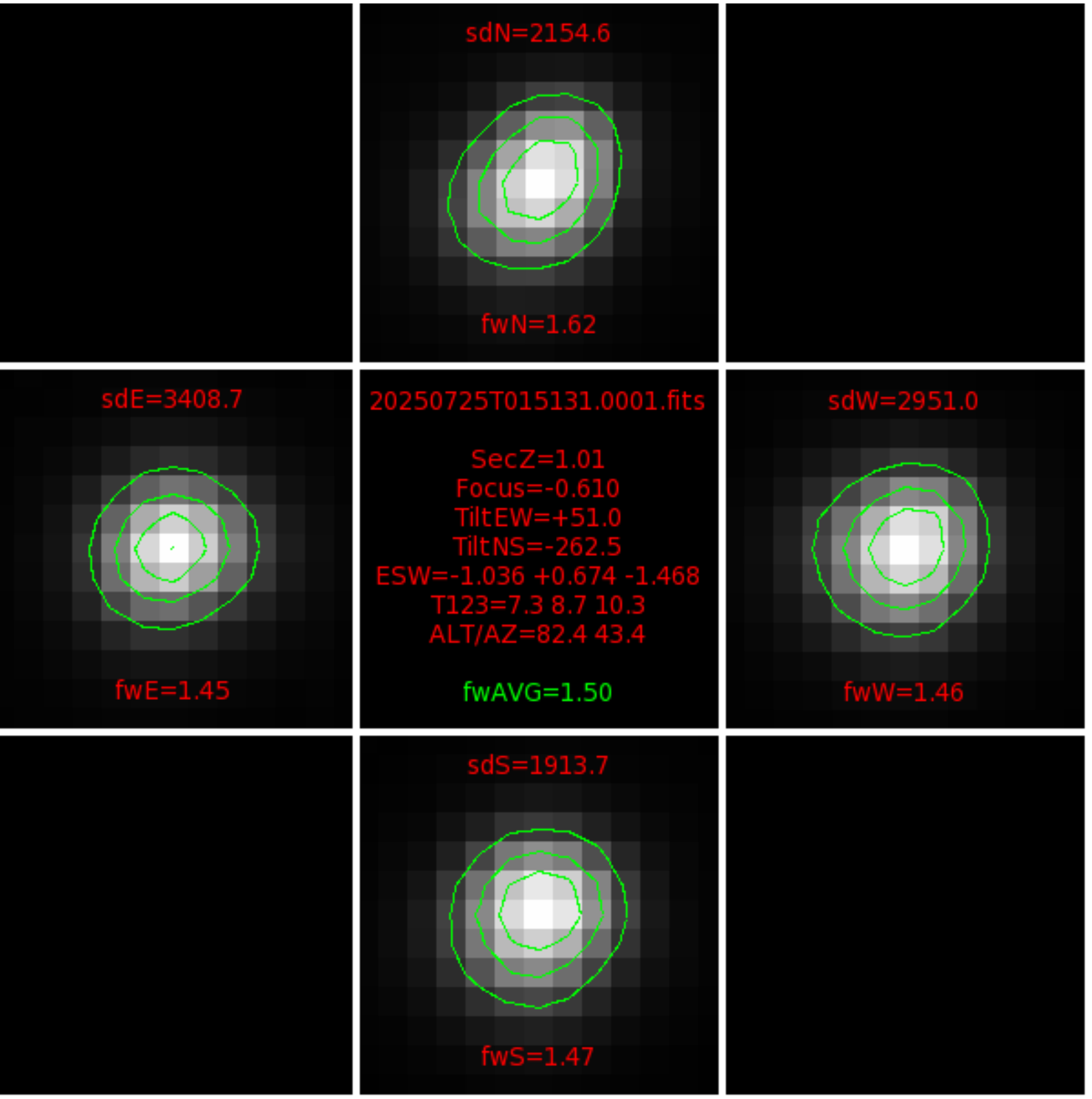
sdN=2154.6
fwN=1.62
sdE=3408.7
fwE=1.45
20250725T015131.0001.fits
SecZ=1.01
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.3 8.7 10.3
ALT/AZ=82.4 43.4
fwAVG=1.50
sdW=2951.0
fwW=1.46
sdS=1913.7
fwS=1.47
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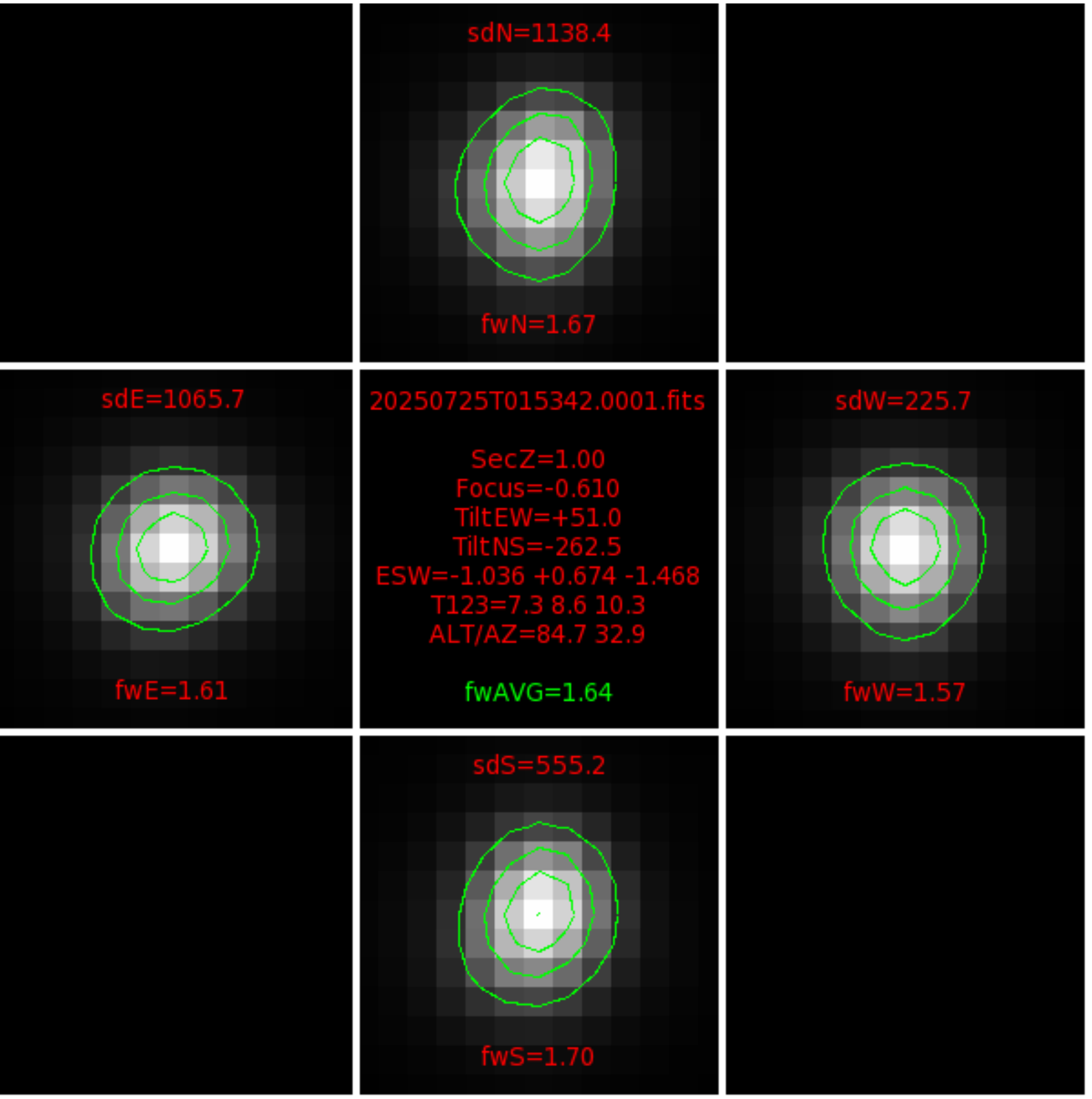
sdN=1138.4
fwN=1.67
sdE=1065.7
fwE=1.61
20250725T015342.0001.fits
SecZ=1.00
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.3 8.6 10.3
ALT/AZ=84.7 32.9
fwAVG=1.64
sdW=225.7
fwW=1.57
sdS=555.2
fwS=1.70
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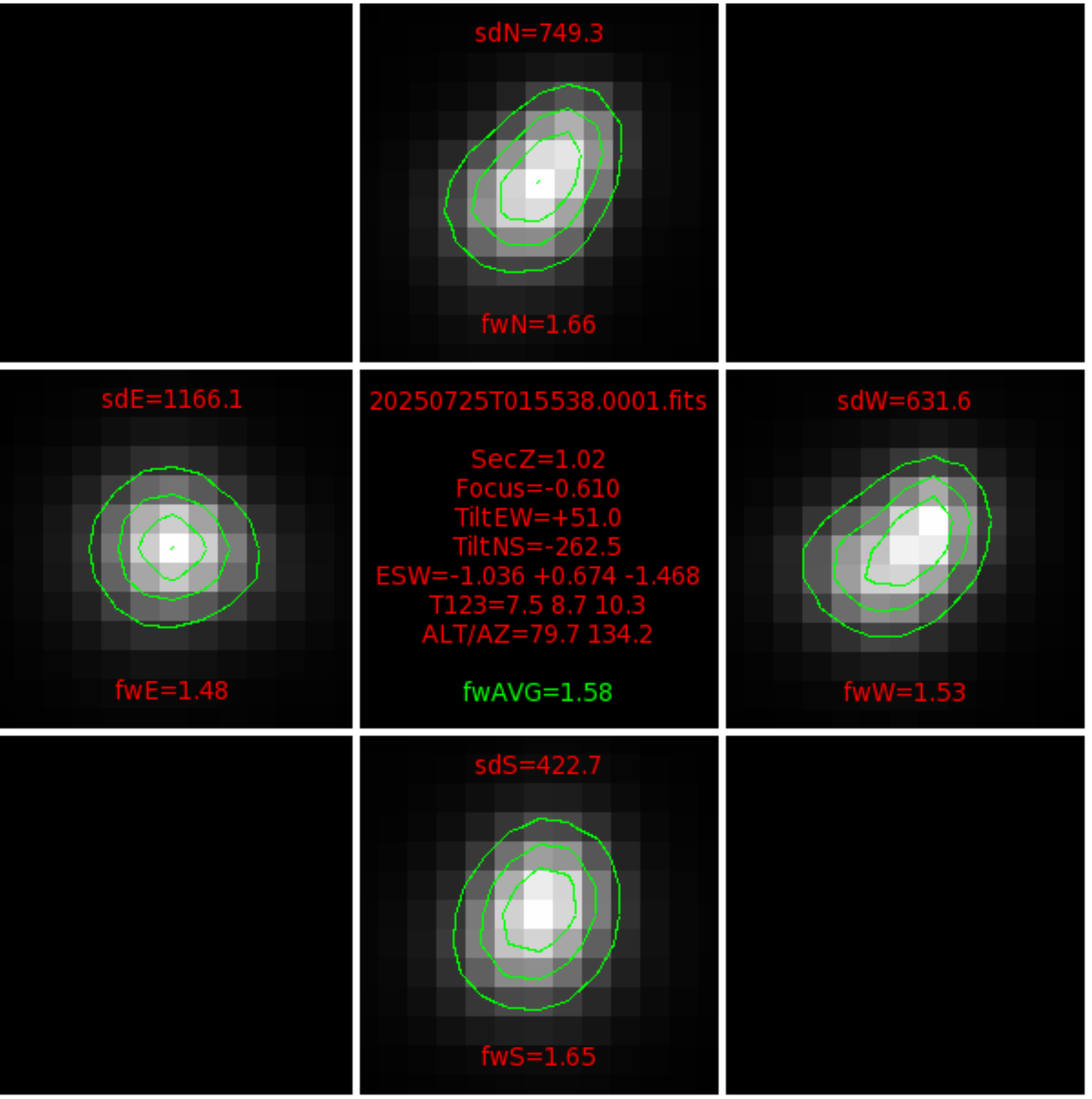
sdN=749.3
fwN=1.66
sdE=1166.1
fwE=1.48
20250725T015538.0001.fits
SecZ=1.02
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.5 8.7 10.3
ALT/AZ=79.7 134.2
fwAVG=1.58
sdW=631.6
fwW=1.53
sdS=422.7
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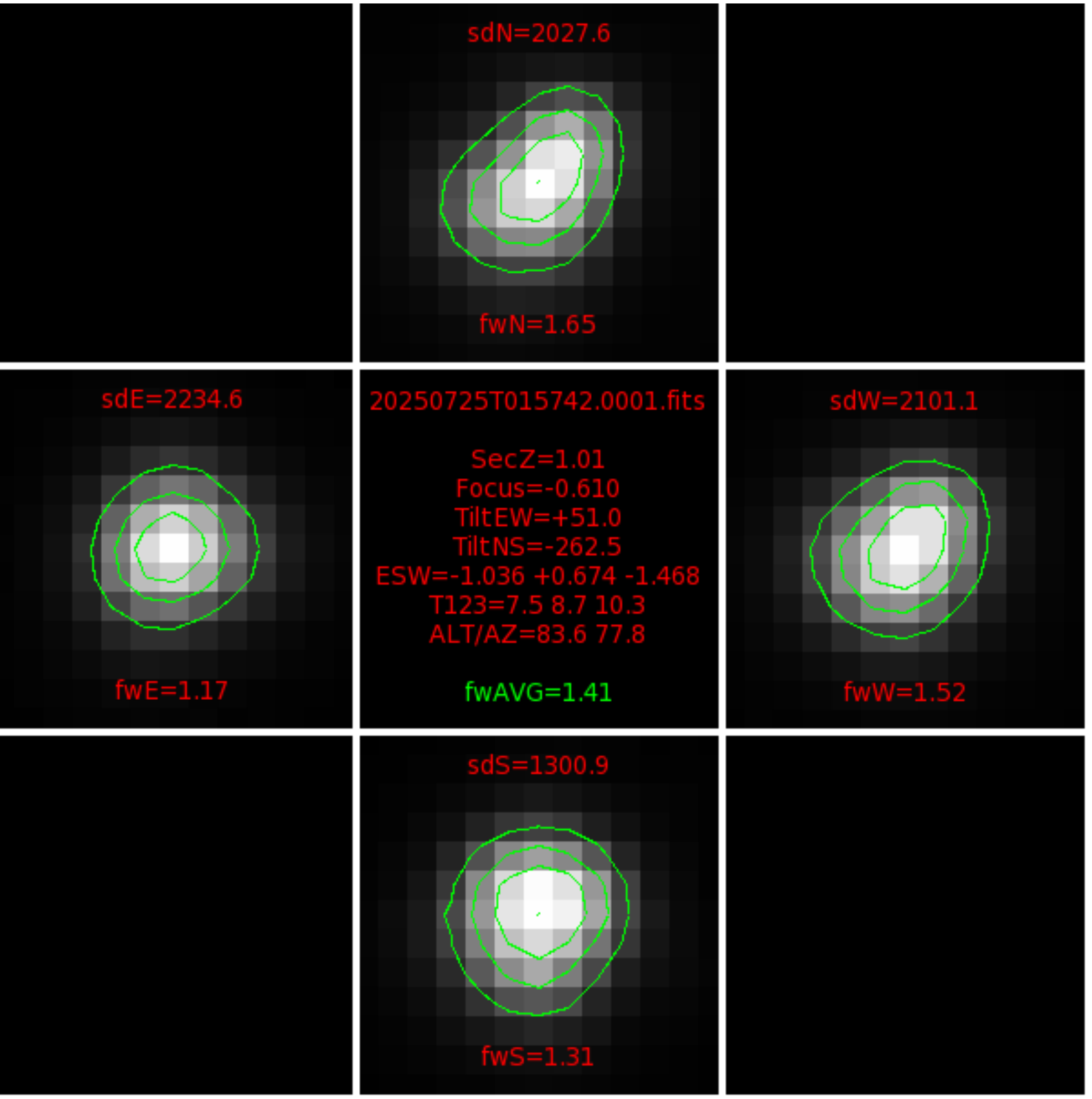
sdN=2027.6
fwN=1.65
sdE=2234.6
fwE=1.17
20250725T015742.0001.fits
SecZ=1.01
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.5 8.7 10.3
ALT/AZ=83.6 77.8
fwAVG=1.41
sdW=2101.1
fwW=1.52
sdS=1300.9
fwS=1.31
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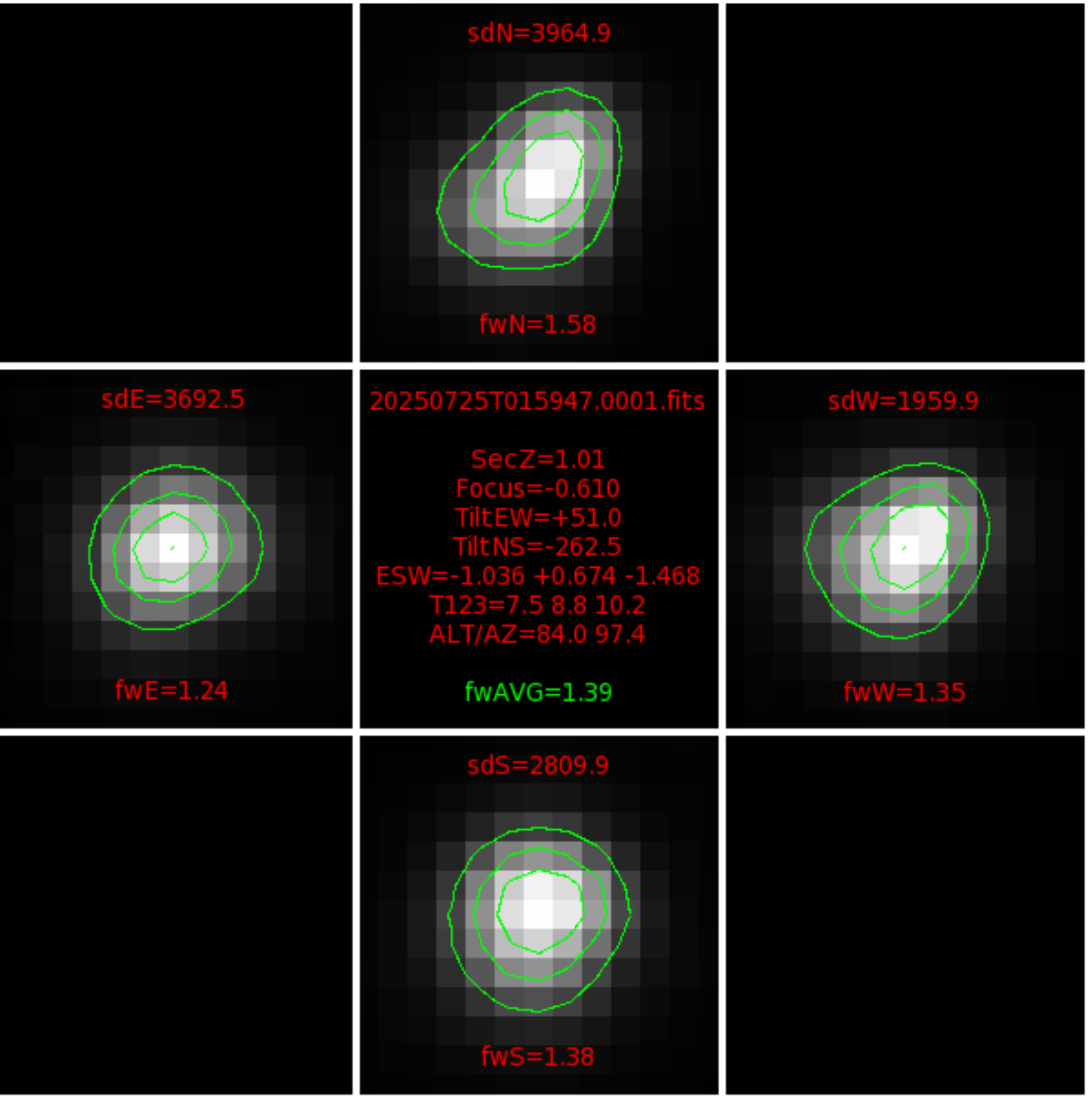
sdN=3964.9
fwN=1.58
sdE=3692.5
fwE=1.24
20250725T015947.0001.fits
SecZ=1.01
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.5 8.8 10.2
ALT/AZ=84.0 97.4
fwAVG=1.39
sdW=1959.9
fwW=1.35
sdS=2809.9
fwS=1.38
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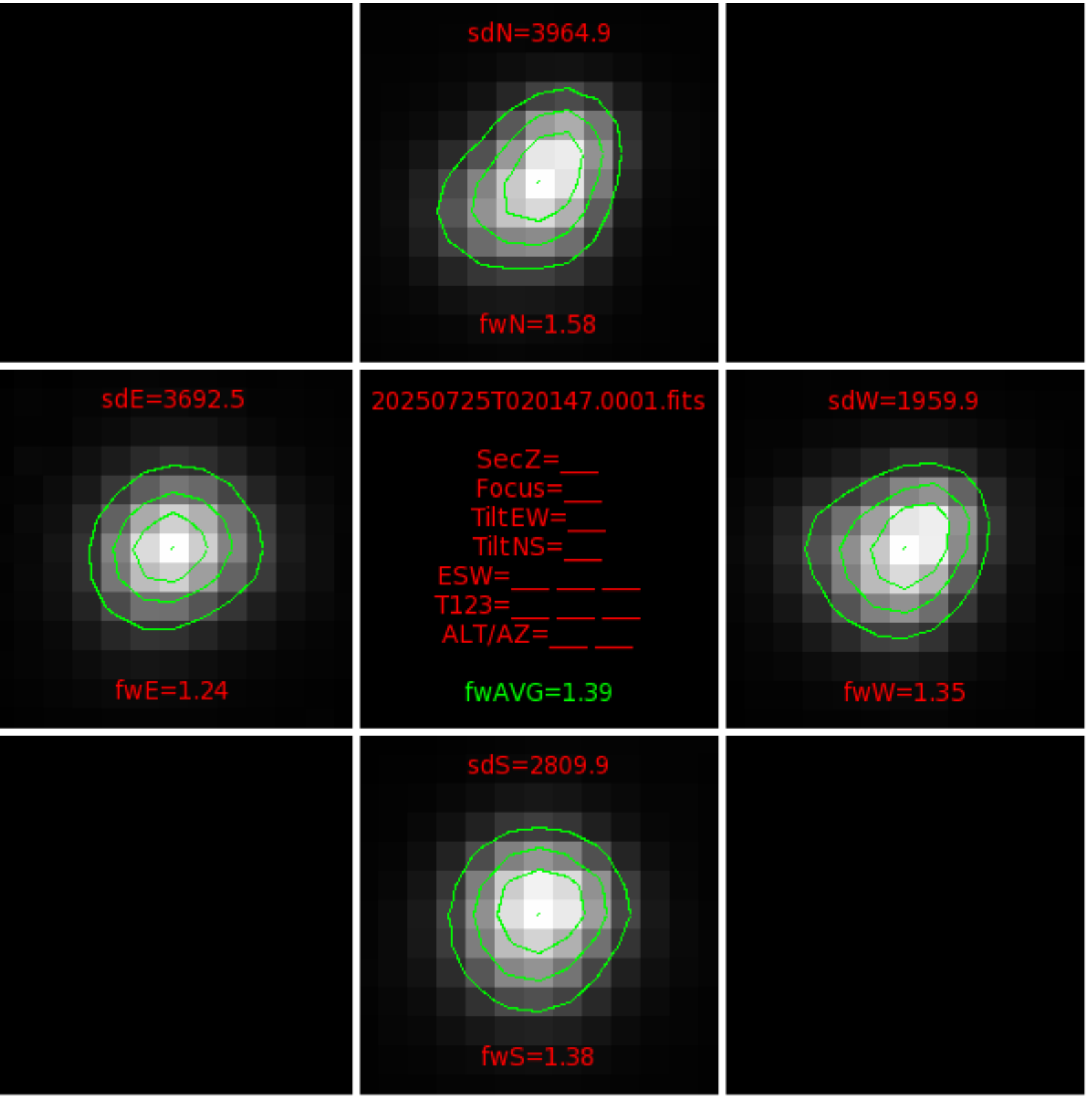
sdN=3964.9
fwN=1.58
sdE=3692.5
fwE=1.24
20250725T020147.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=1.39
sdW=1959.9
fwW=1.35
sdS=2809.9
fwS=1.38
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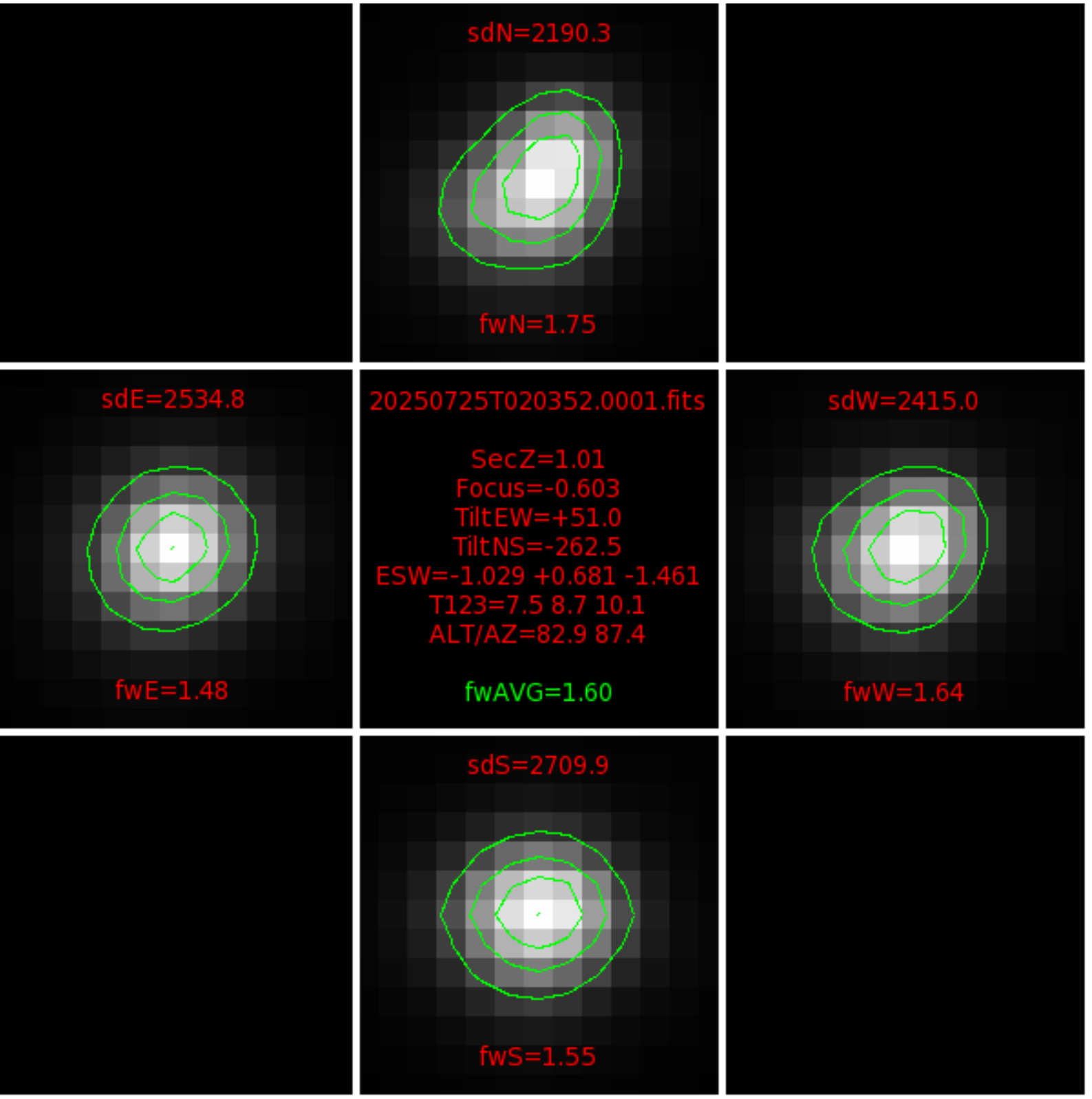
sdN=2190.3
fwN=1.75
sdE=2534.8
fwE=1.48
20250725T020352.0001.fits
SecZ=1.01
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.5 8.7 10.1
ALT/AZ=82.9 87.4
fwAVG=1.60
sdW=2415.0
fwW=1.64
sdS=2709.9
fwS=1.55
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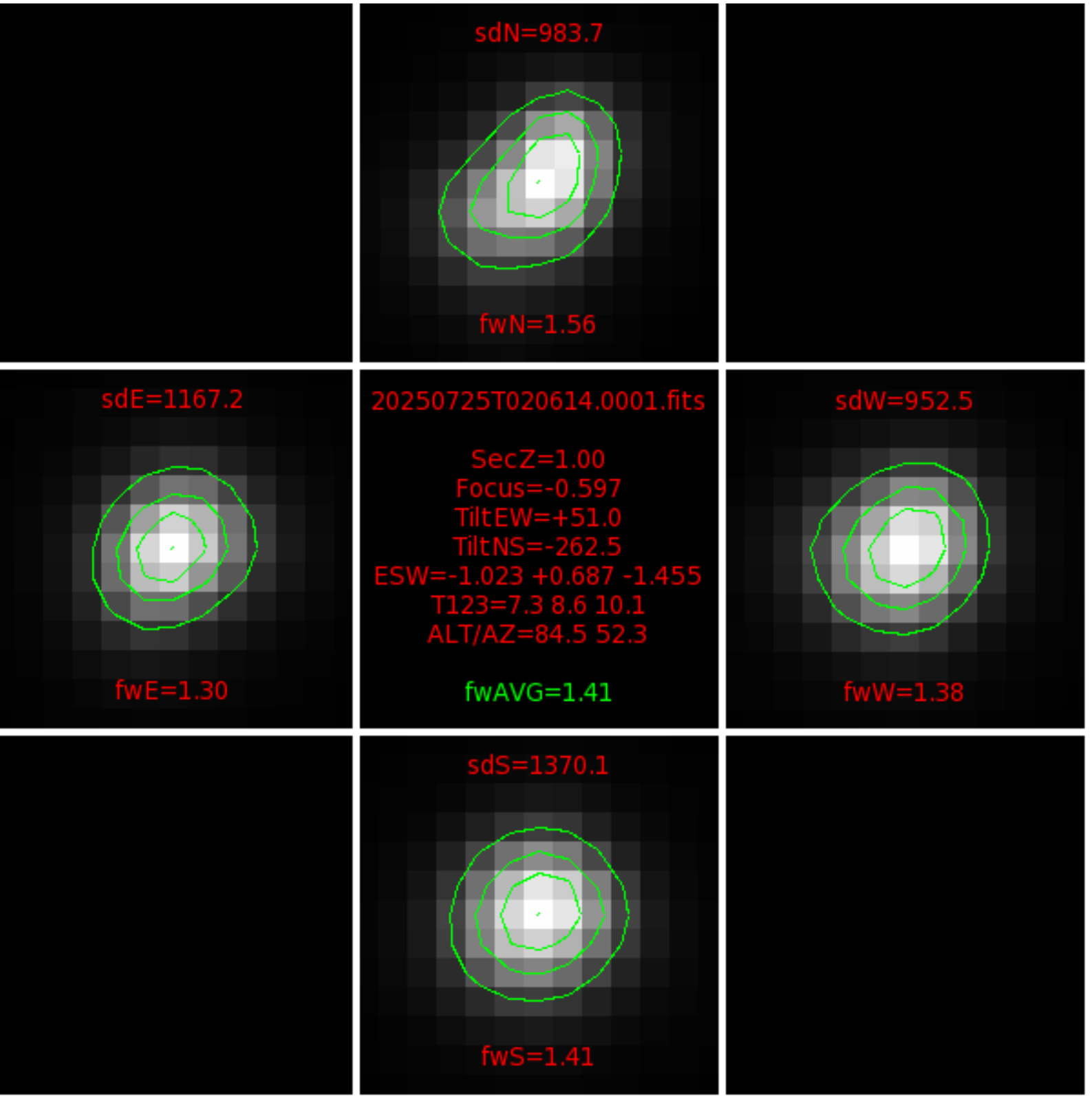
sdN=983.7
fwN=1.56
sdE=1167.2
fwE=1.30
20250725T020614.0001.fits
SecZ=1.00
Focus=-0.597
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.023 +0.687 -1.455
T123=7.3 8.6 10.1
ALT/AZ=84.5 52.3
fwAVG=1.41
sdW=952.5
fwW=1.38
sdS=1370.1
fwS=1.41
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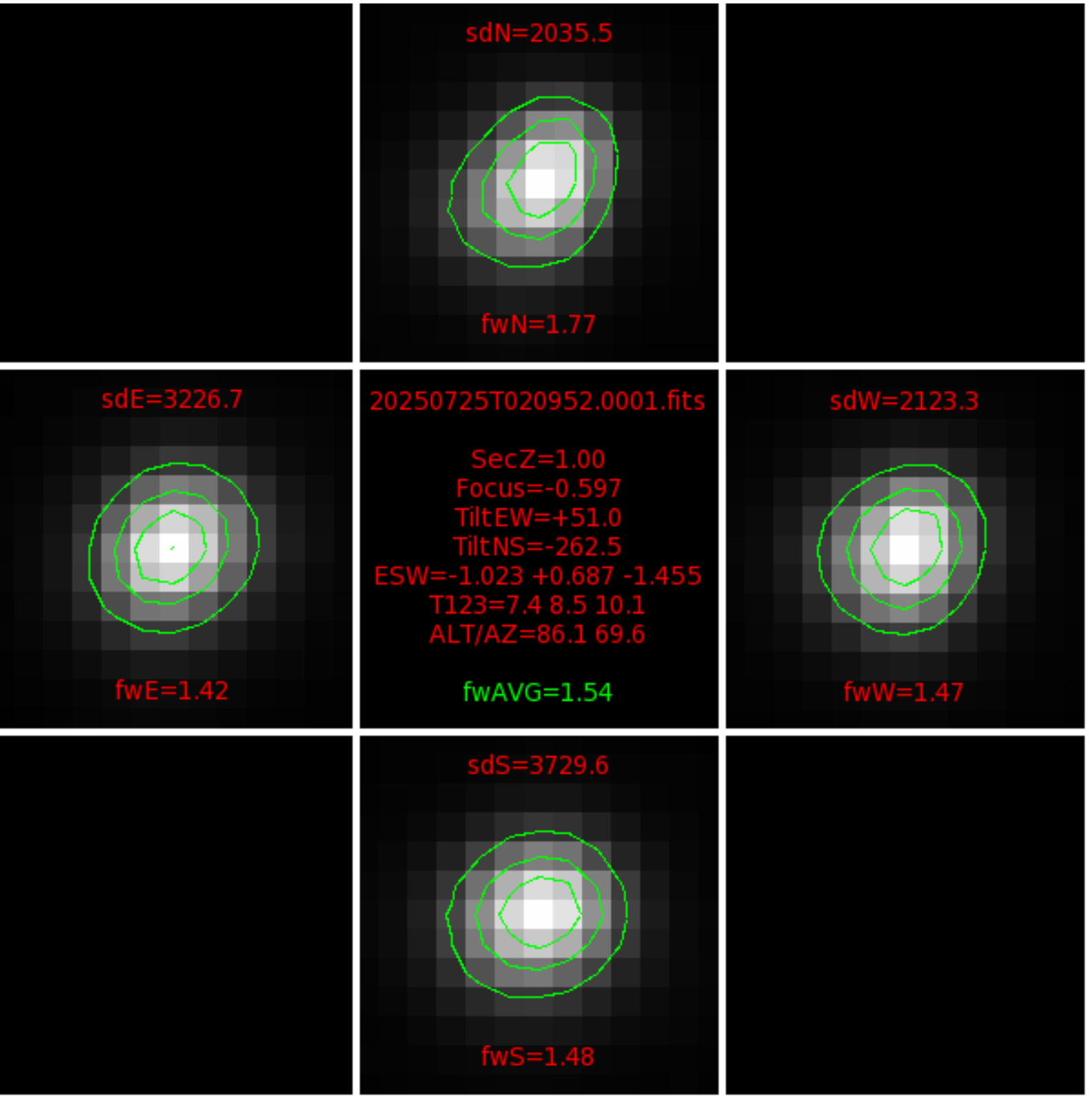
sdN=2035.5
fwN=1.77
sdE=3226.7
fwE=1.42
20250725T020952.0001.fits
SecZ=1.00
Focus=-0.597
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.023 +0.687 -1.455
T123=7.4 8.5 10.1
ALT/AZ=86.1 69.6
fwAVG=1.54
sdW=2123.3
fwW=1.47
sdS=3729.6
fwS=1.48
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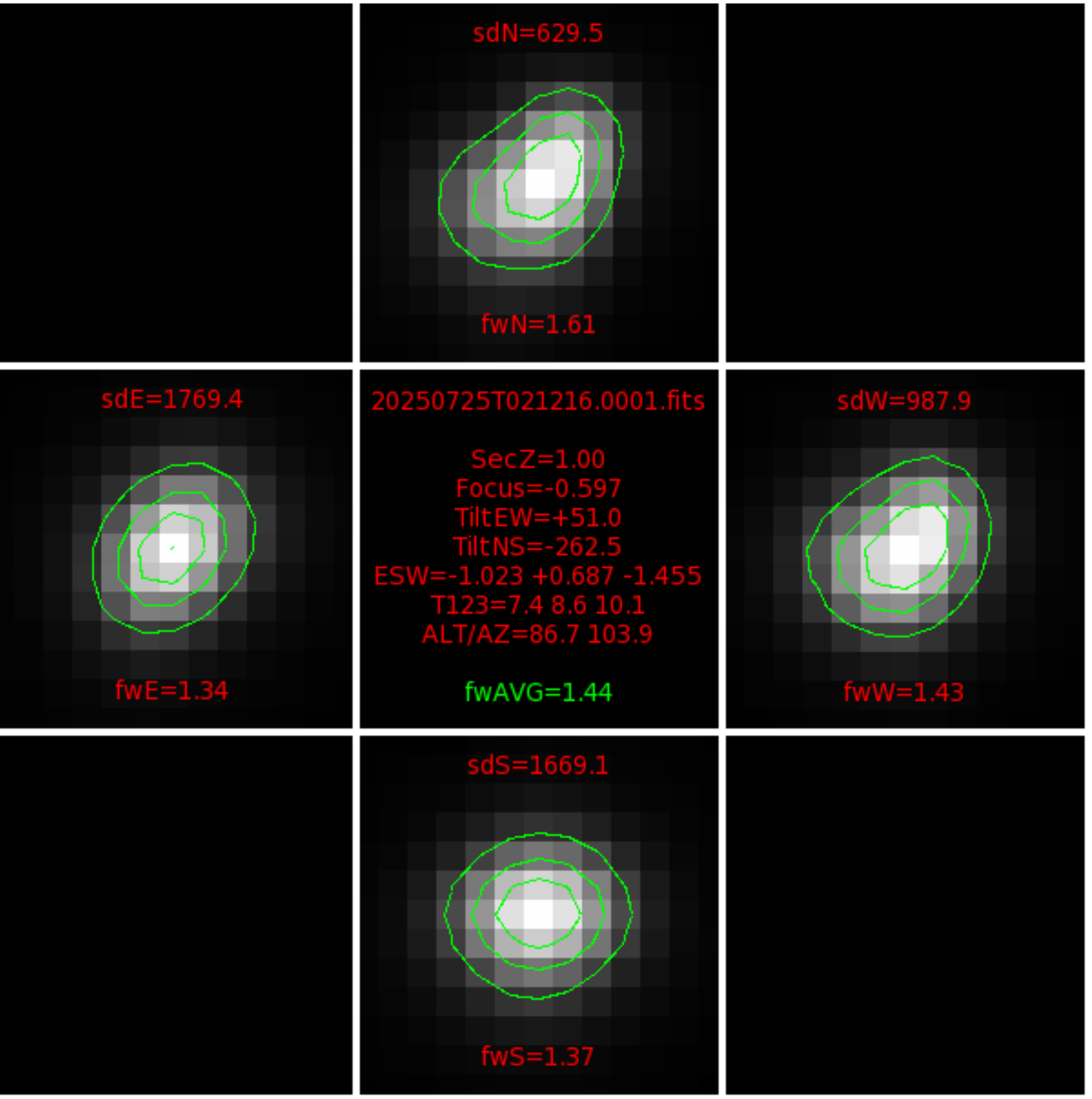
sdN=629.5
fwN=1.61
sdE=1769.4
fwE=1.34
20250725T021216.0001.fits
SecZ=1.00
Focus=-0.597
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.023 +0.687 -1.455
T123=7.4 8.6 10.1
ALT/AZ=86.7 103.9
fwAVG=1.44
sdW=987.9
fwW=1.43
sdS=1669.1
fwS=1.37
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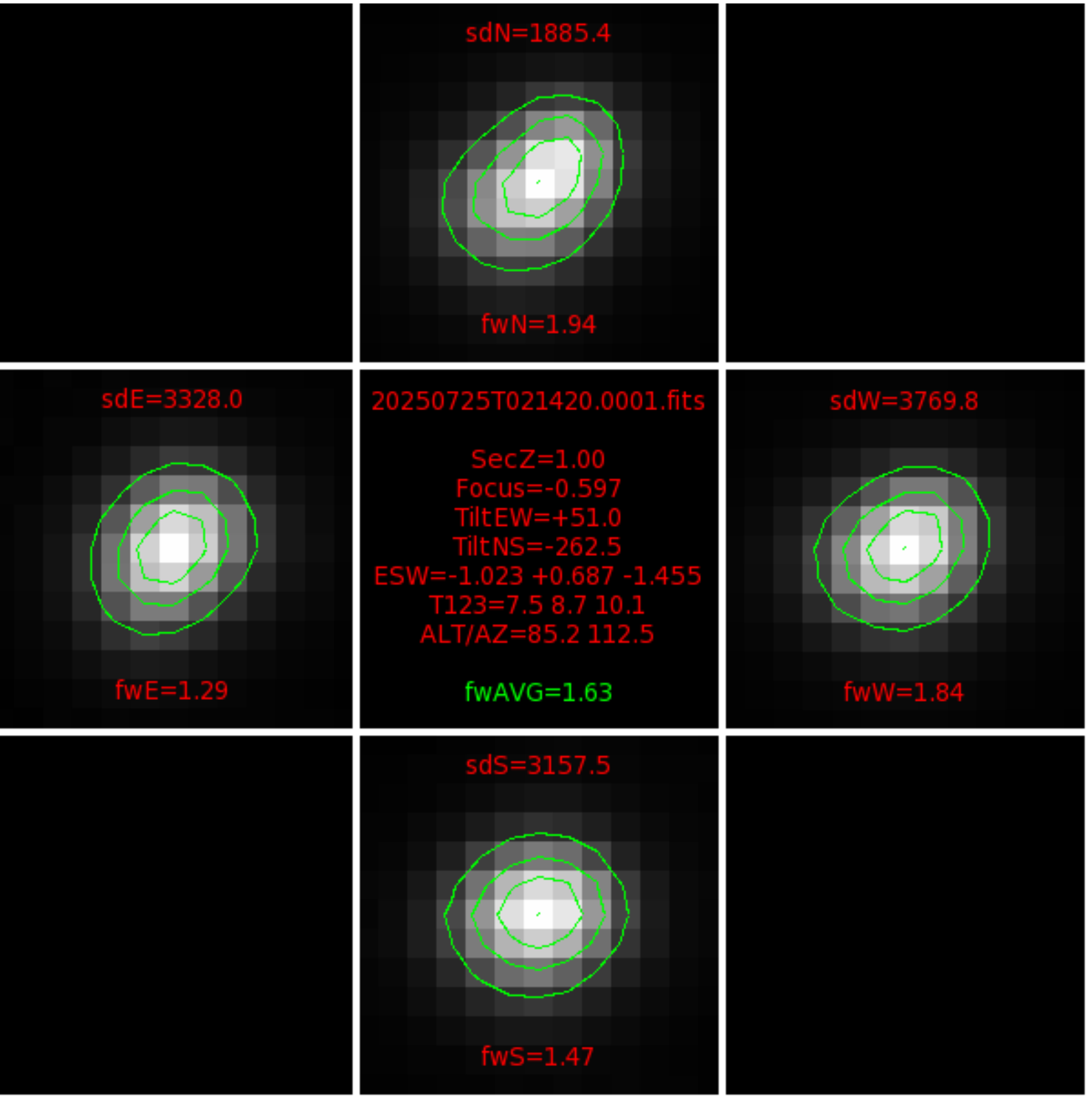
sdN=1885.4
fwN=1.94
sdE=3328.0
fwE=1.29
20250725T021420.0001.fits
SecZ=1.00
Focus=-0.597
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.023 +0.687 -1.455
T123=7.5 8.7 10.1
ALT/AZ=85.2 112.5
fwAVG=1.63
sdW=3769.8
fwW=1.84
sdS=3157.5
fwS=1.47
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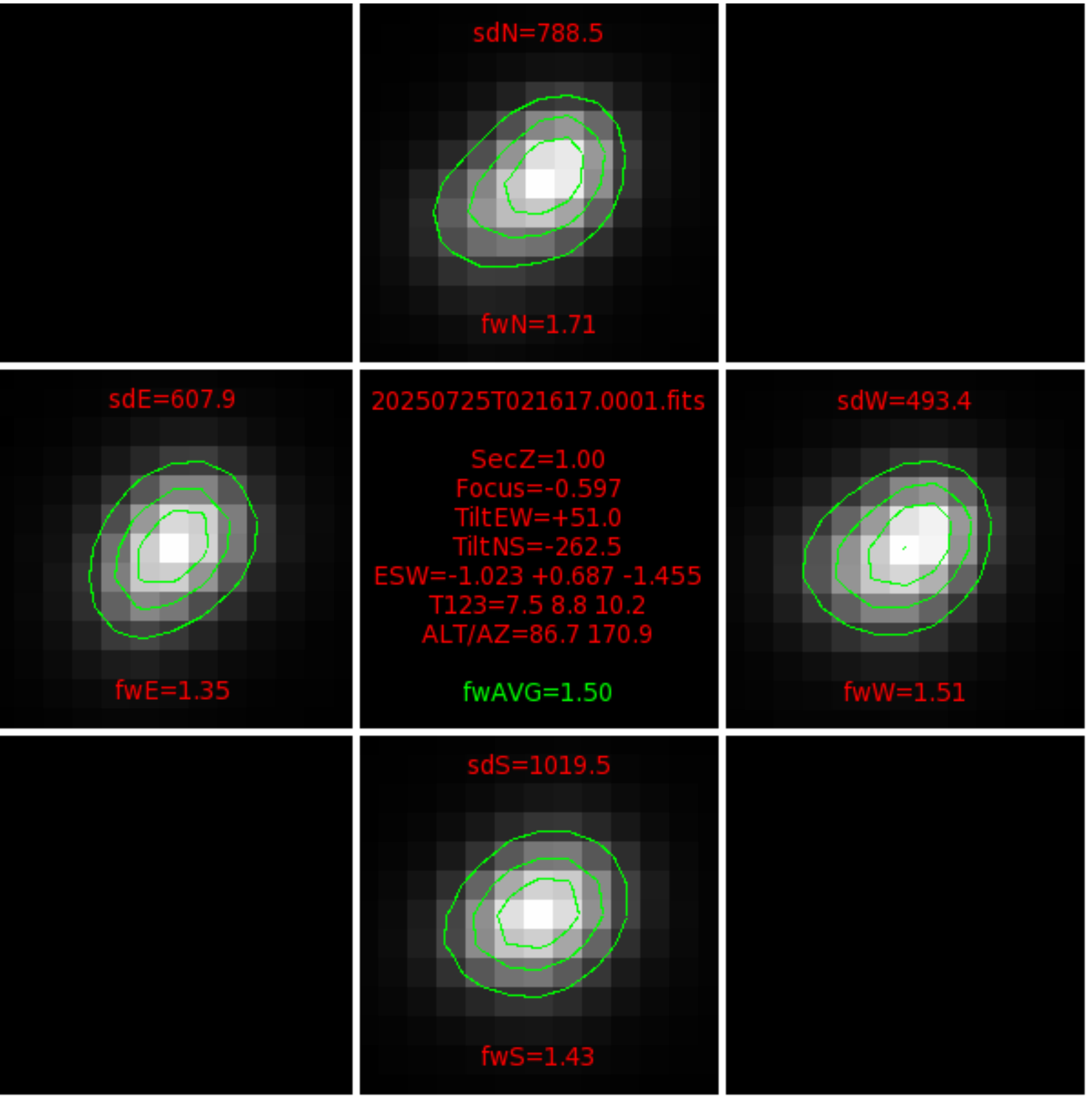
sdN=788.5
fwN=1.71
sdE=607.9
fwE=1.35
20250725T021617.0001.fits
SecZ=1.00
Focus=-0.597
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.023 +0.687 -1.455
T123=7.5 8.8 10.2
ALT/AZ=86.7 170.9
fwAVG=1.50
sdW=493.4
fwW=1.51
sdS=1019.5
fwS=1.43
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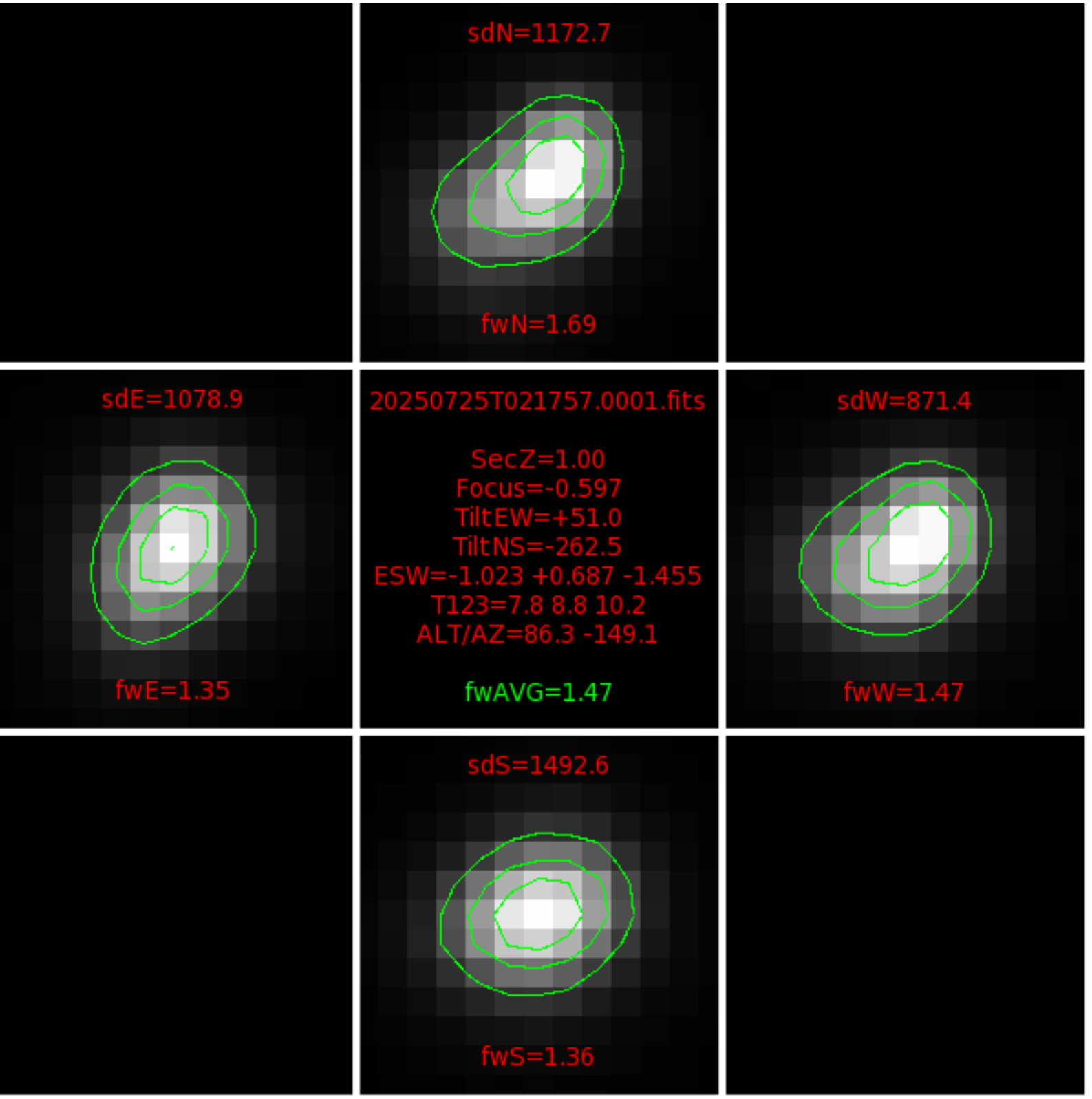
sdN=1172.7
fwN=1.69
sdE=1078.9
fwE=1.35
20250725T021757.0001.fits
SecZ=1.00
Focus=-0.597
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.023 +0.687 -1.455
T123=7.8 8.8 10.2
ALT/AZ=86.3 -149.1
fwAVG=1.47
sdW=871.4
fwW=1.47
sdS=1492.6
fwS=1.36
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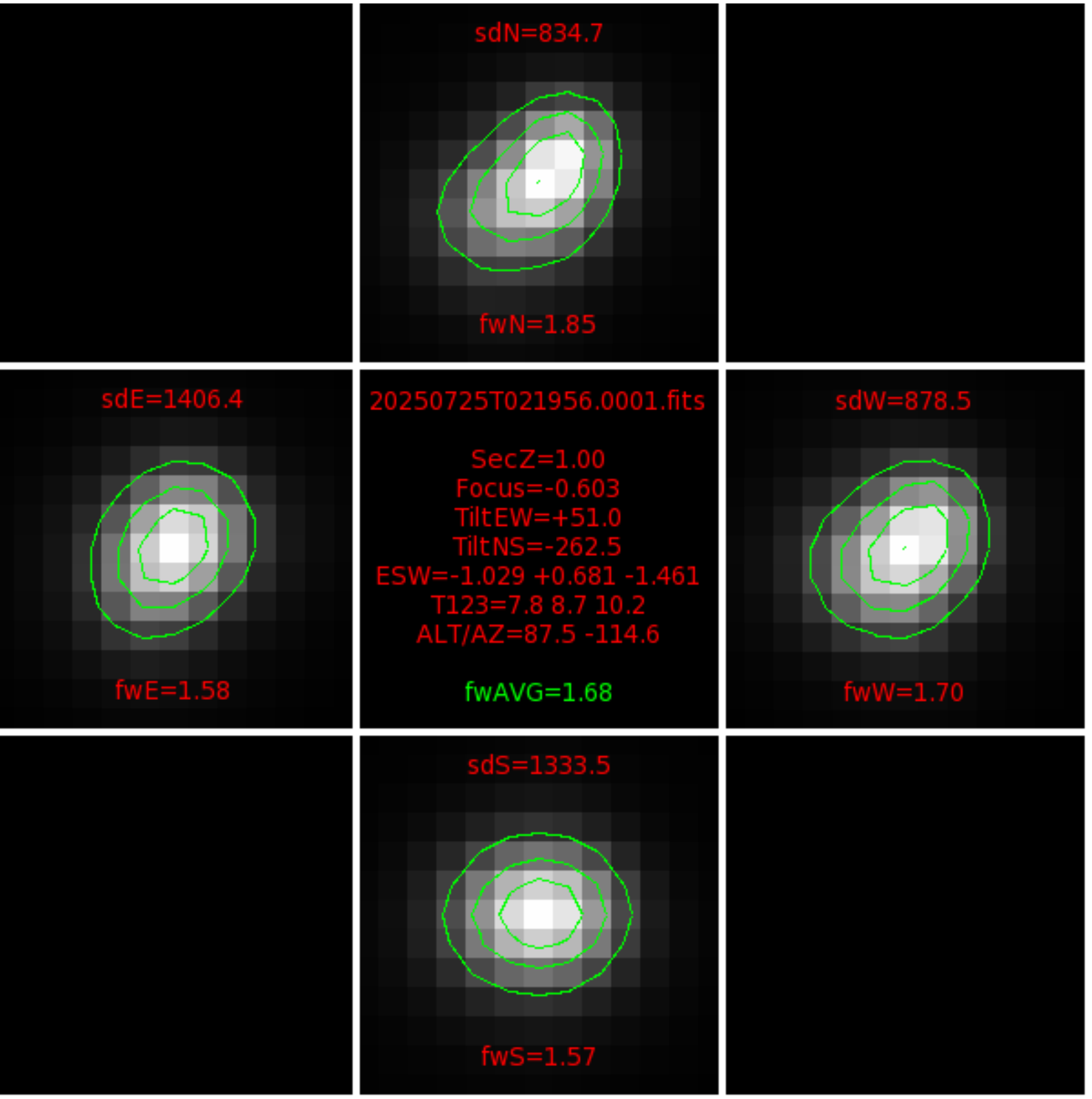
sdN=834.7
fwN=1.85
sdE=1406.4
fwE=1.58
20250725T021956.0001.fits
SecZ=1.00
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.8 8.7 10.2
ALT/AZ=87.5 -114.6
fwAVG=1.68
sdW=878.5
fwW=1.70
sdS=1333.5
fwS=1.57
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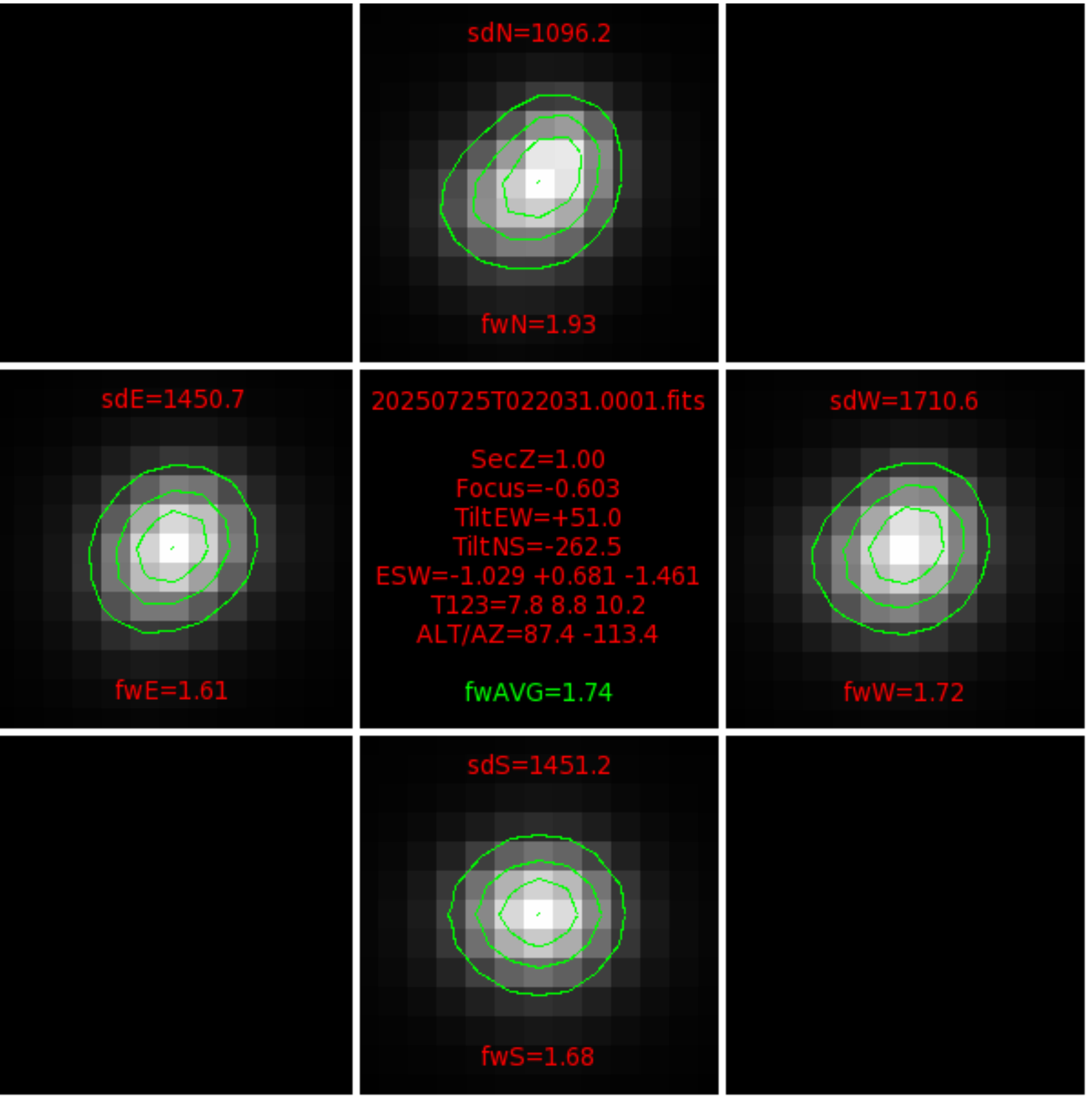
sdN=1096.2
fwN=1.93
sdE=1450.7
fwE=1.61
20250725T022031.0001.fits
SecZ=1.00
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.8 8.8 10.2
ALT/AZ=87.4 -113.4
fwAVG=1.74
sdW=1710.6
fwW=1.72
sdS=1451.2
fwS=1.68
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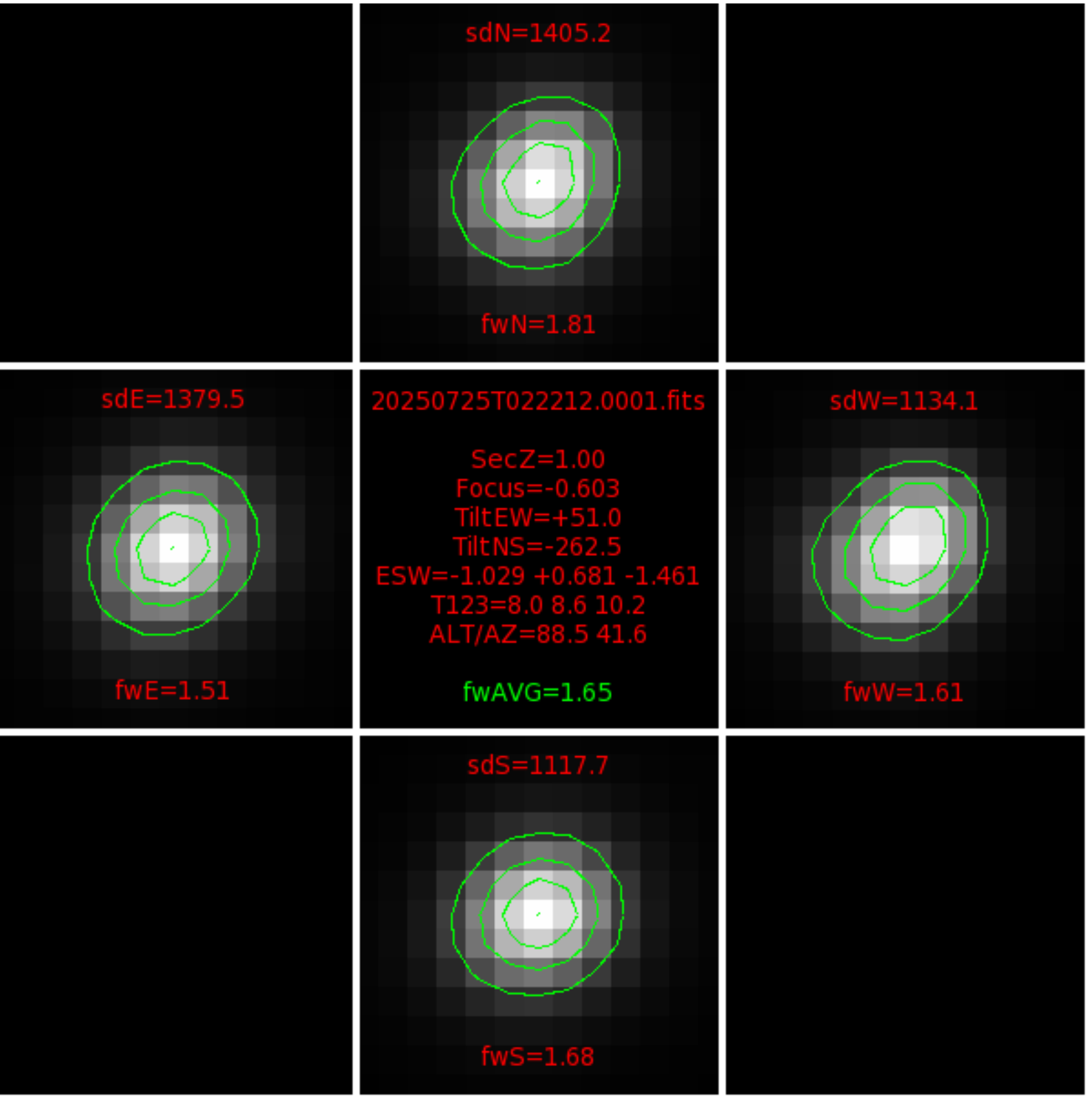
sdN=1405.2
fwN=1.81
sdE=1379.5
fwE=1.51
20250725T022212.0001.fits
SecZ=1.00
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=8.0 8.6 10.2
ALT/AZ=88.5 41.6
fwAVG=1.65
sdW=1134.1
fwW=1.61
sdS=1117.7
fwS=1.68
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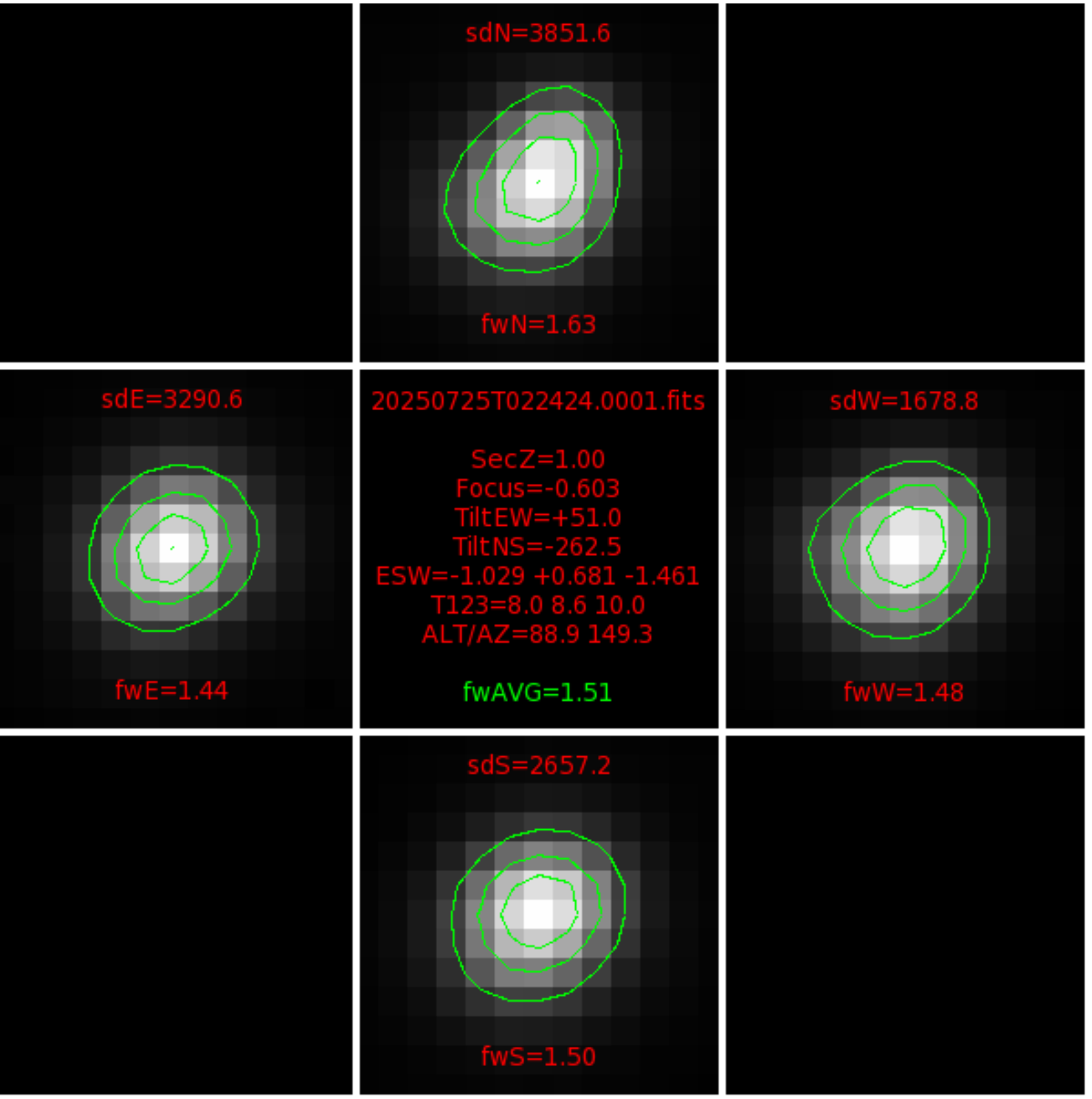
sdN=3851.6
fwN=1.63
sdE=3290.6
fwE=1.44
20250725T022424.0001.fits
SecZ=1.00
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=8.0 8.6 10.0
ALT/AZ=88.9 149.3
fwAVG=1.51
sdW=1678.8
fwW=1.48
sdS=2657.2
fwS=1.50
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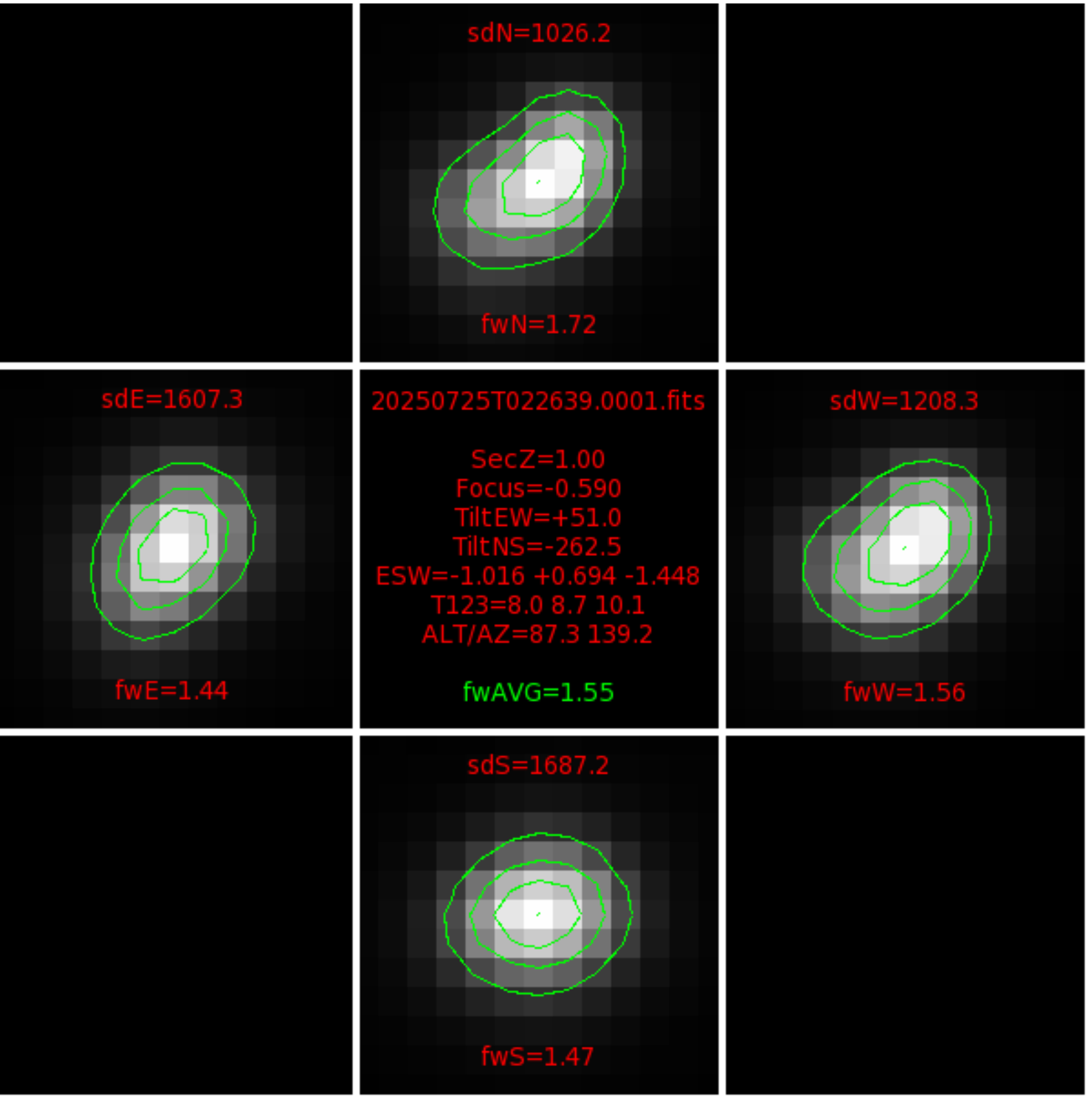
sdN=1026.2
fwN=1.72
sdE=1607.3
fwE=1.44
20250725T022639.0001.fits
SecZ=1.00
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=8.0 8.7 10.1
ALT/AZ=87.3 139.2
fwAVG=1.55
sdW=1208.3
fwW=1.56
sdS=1687.2
fwS=1.47
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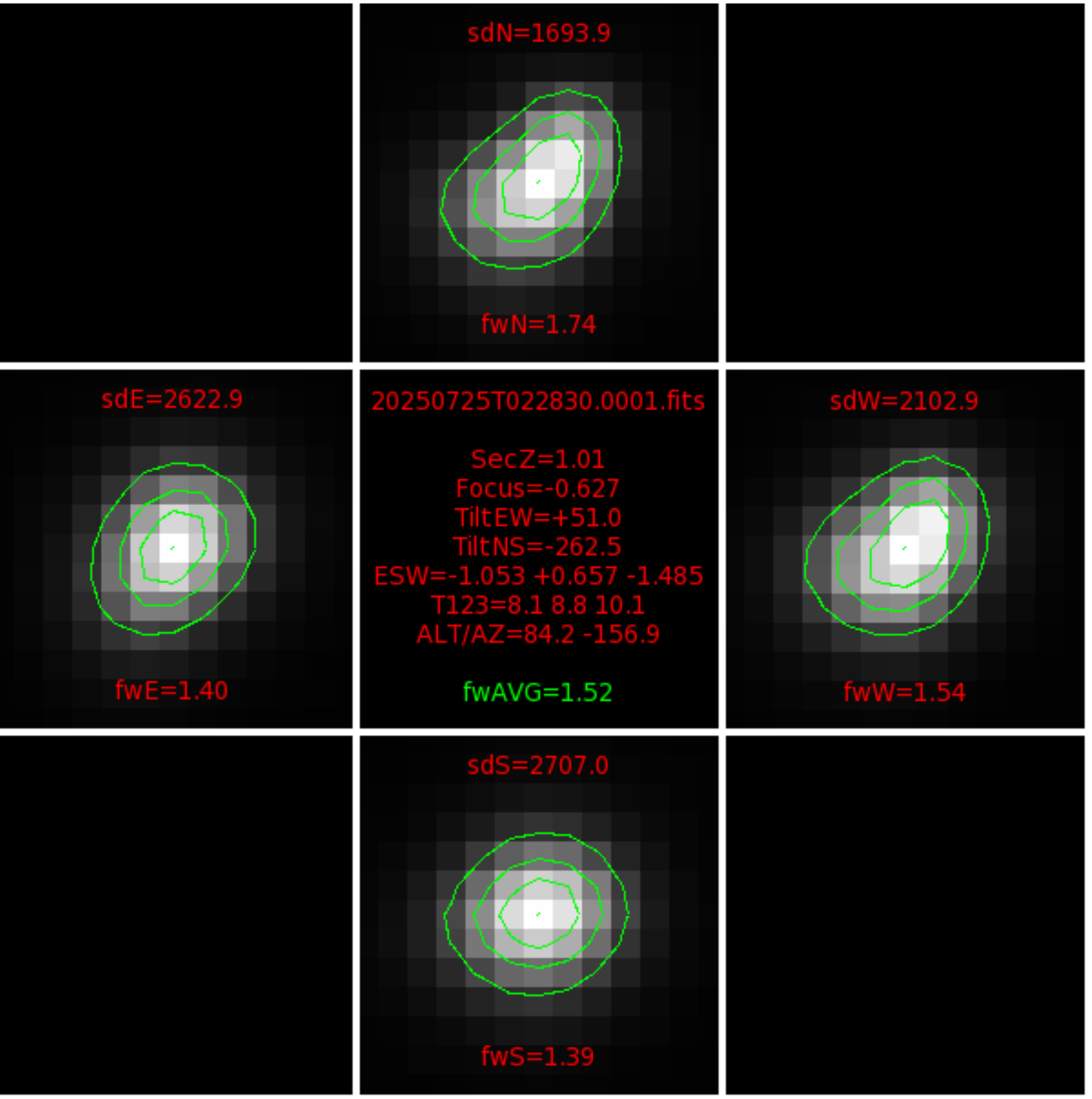
sdN=1693.9
fwN=1.74
sdE=2622.9
fwE=1.40
20250725T022830.0001.fits
SecZ=1.01
Focus=-0.627
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.053 +0.657 -1.485
T123=8.1 8.8 10.1
ALT/AZ=84.2 -156.9
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sdW=2102.9
fwW=1.54
sdS=2707.0
fwS=1.39
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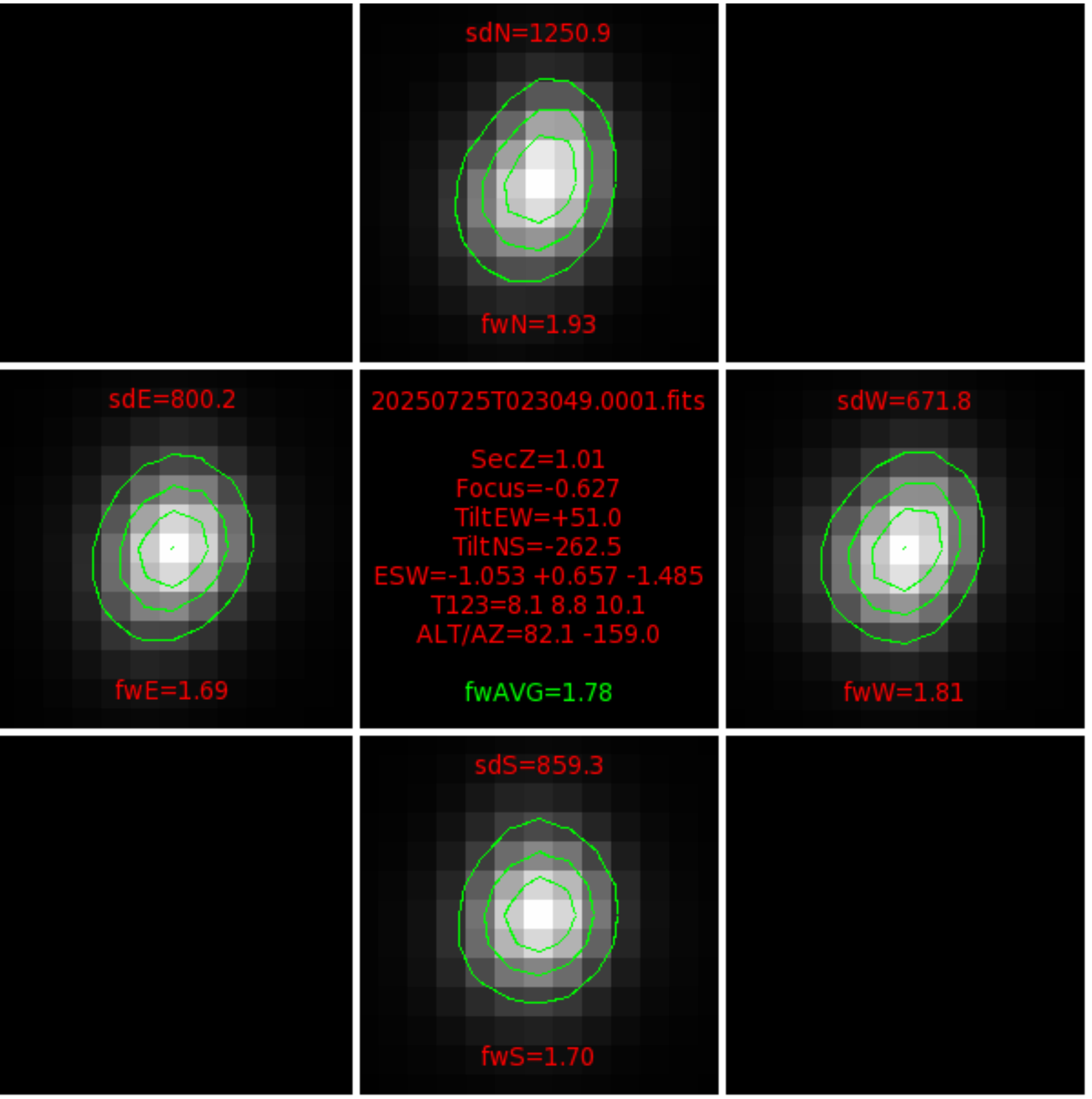
sdN=1250.9
fwN=1.93
sdE=800.2
fwE=1.69
20250725T023049.0001.fits
SecZ=1.01
Focus=-0.627
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.053 +0.657 -1.485
T123=8.1 8.8 10.1
ALT/AZ=82.1 -159.0
fwAVG=1.78
sdW=671.8
fwW=1.81
sdS=859.3
fwS=1.70
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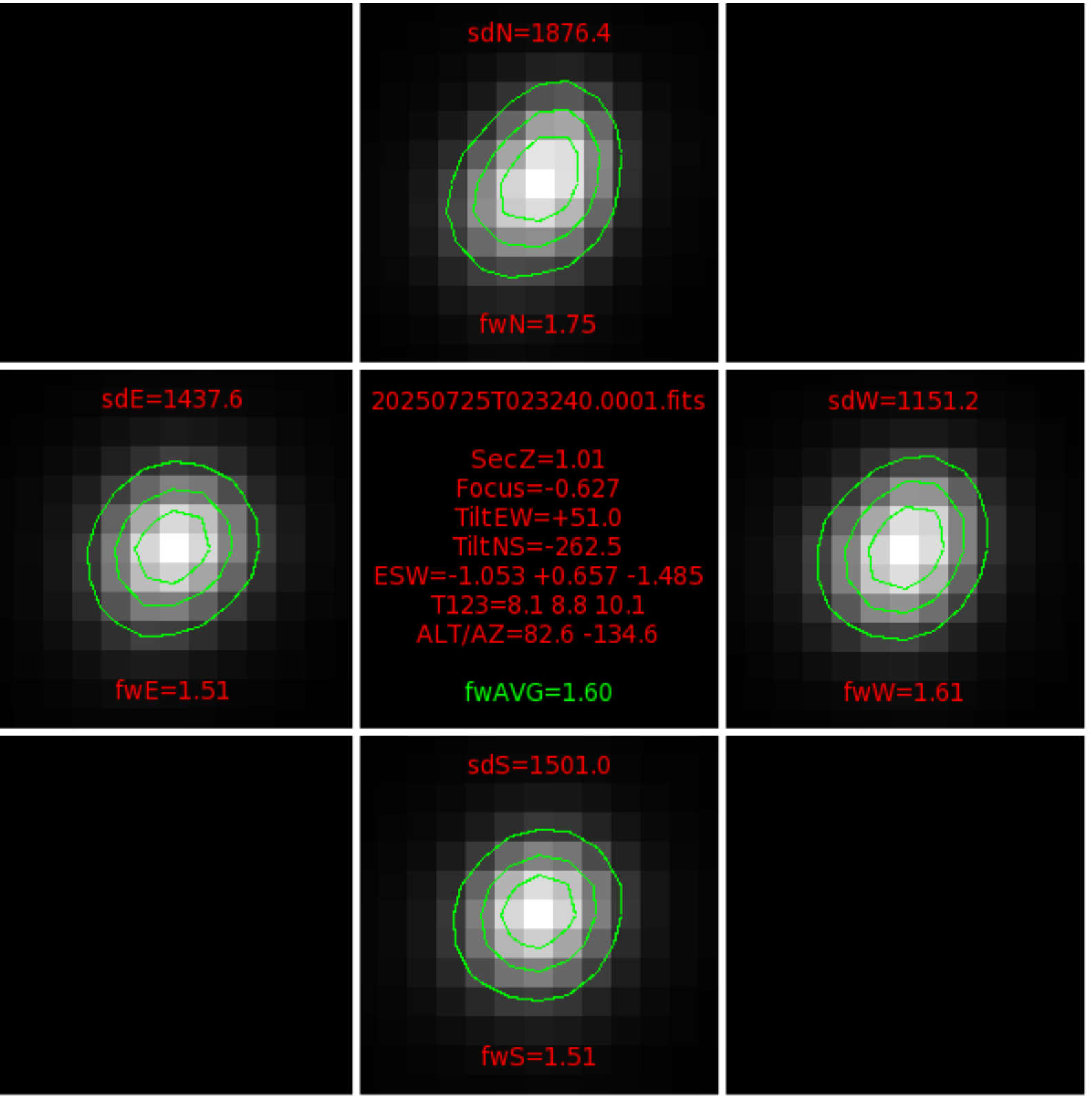
sdN=1876.4
fwN=1.75
sdE=1437.6
fwE=1.51
20250725T023240.0001.fits
SecZ=1.01
Focus=-0.627
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.053 +0.657 -1.485
T123=8.1 8.8 10.1
ALT/AZ=82.6 -134.6
fwAVG=1.60
sdW=1151.2
fwW=1.61
sdS=1501.0
fwS=1.51
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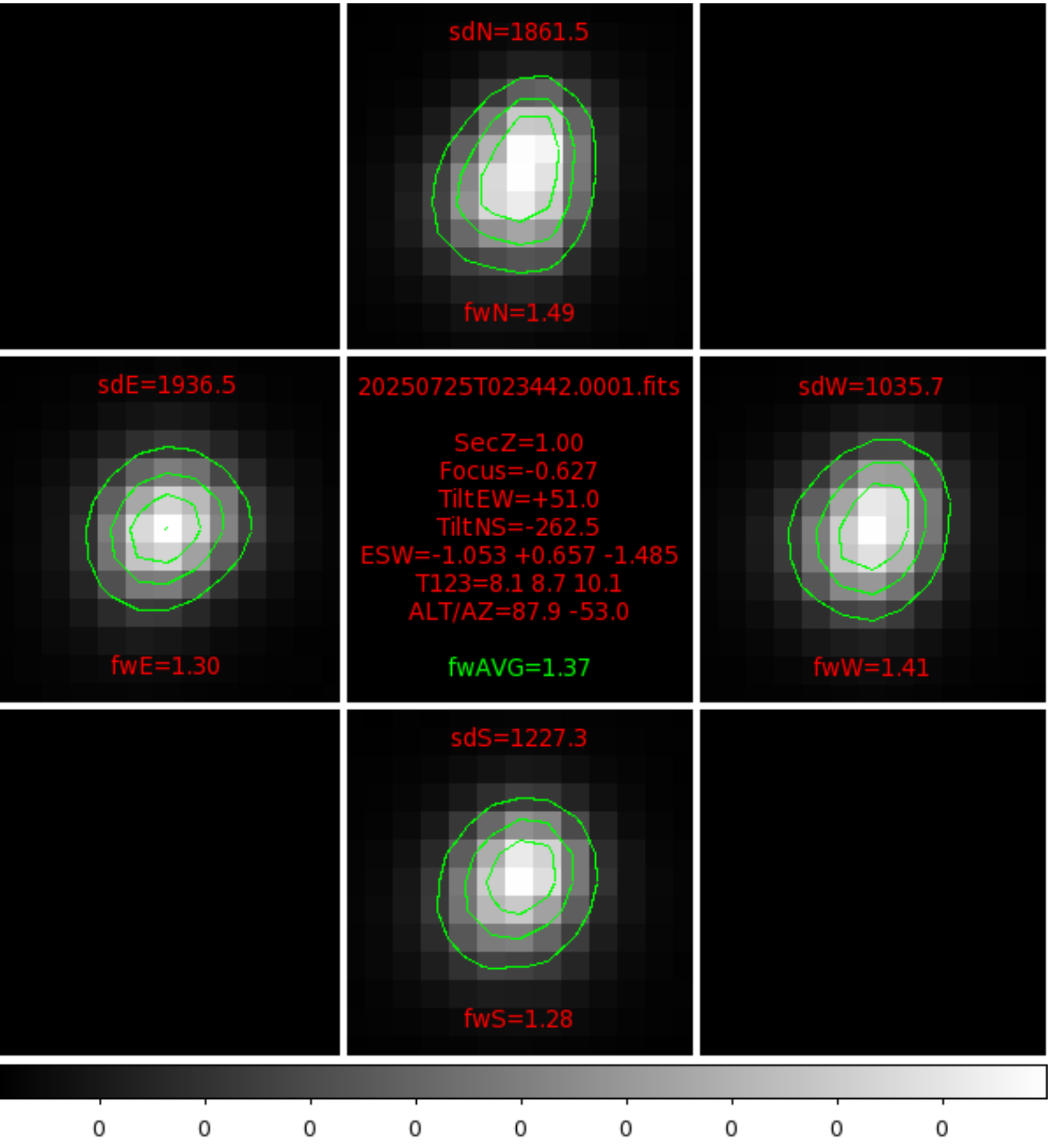
sdN=1861.5
fwN=1.49
sdE=1936.5
fwE=1.30
20250725T023442.0001.fits
SecZ=1.00
Focus=-0.627
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.053 +0.657 -1.485
T123=8.1 8.7 10.1
ALT/AZ=87.9 -53.0
fwAVG=1.37
sdW=1035.7
fwW=1.41
sdS=1227.3
fwS=1.28
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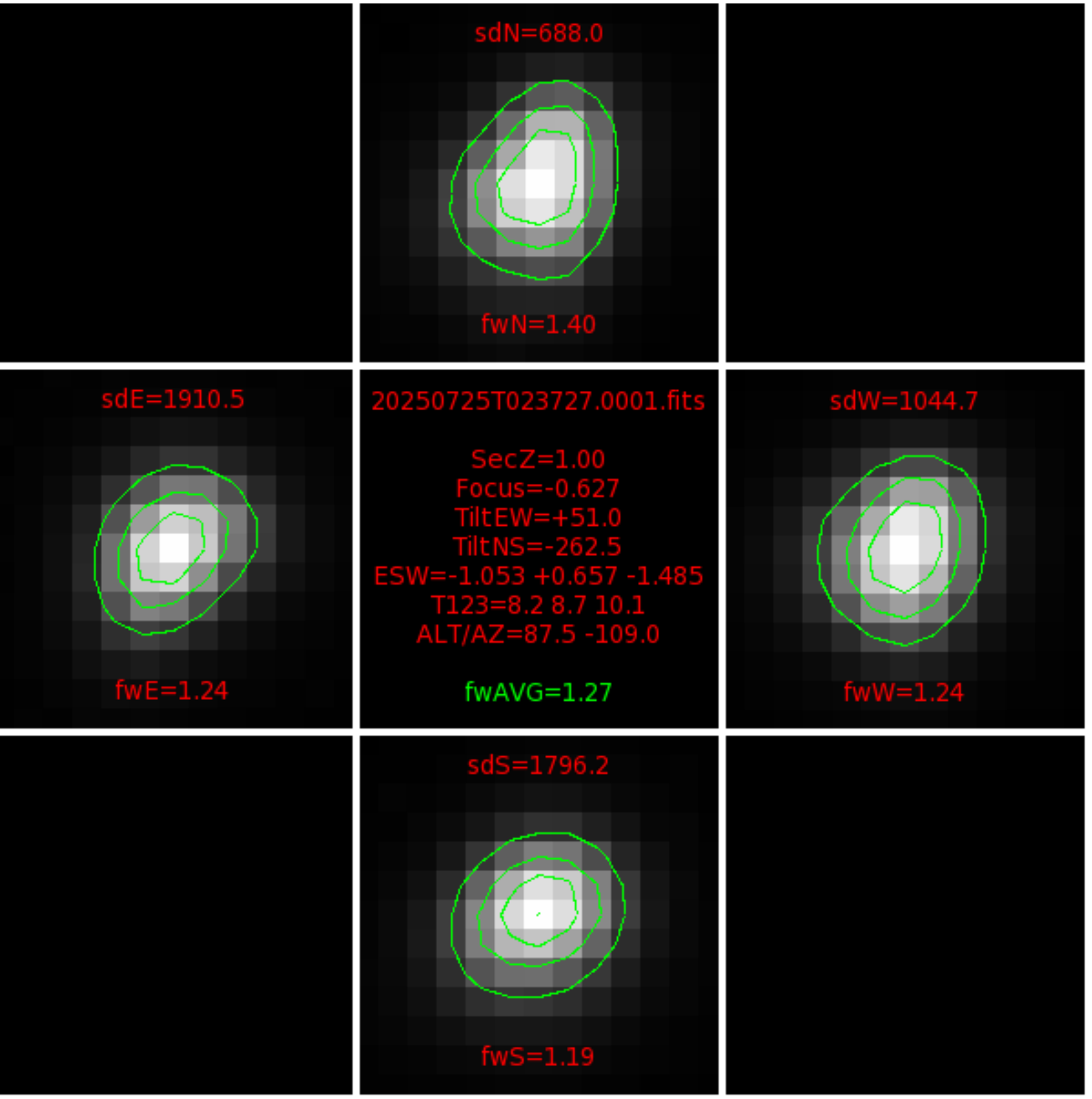
sdN=688.0
fwN=1.40
sdE=1910.5
fwE=1.24
20250725T023727.0001.fits
SecZ=1.00
Focus=-0.627
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.053 +0.657 -1.485
T123=8.2 8.7 10.1
ALT/AZ=87.5 -109.0
fwAVG=1.27
sdW=1044.7
fwW=1.24
sdS=1796.2
fwS=1.19
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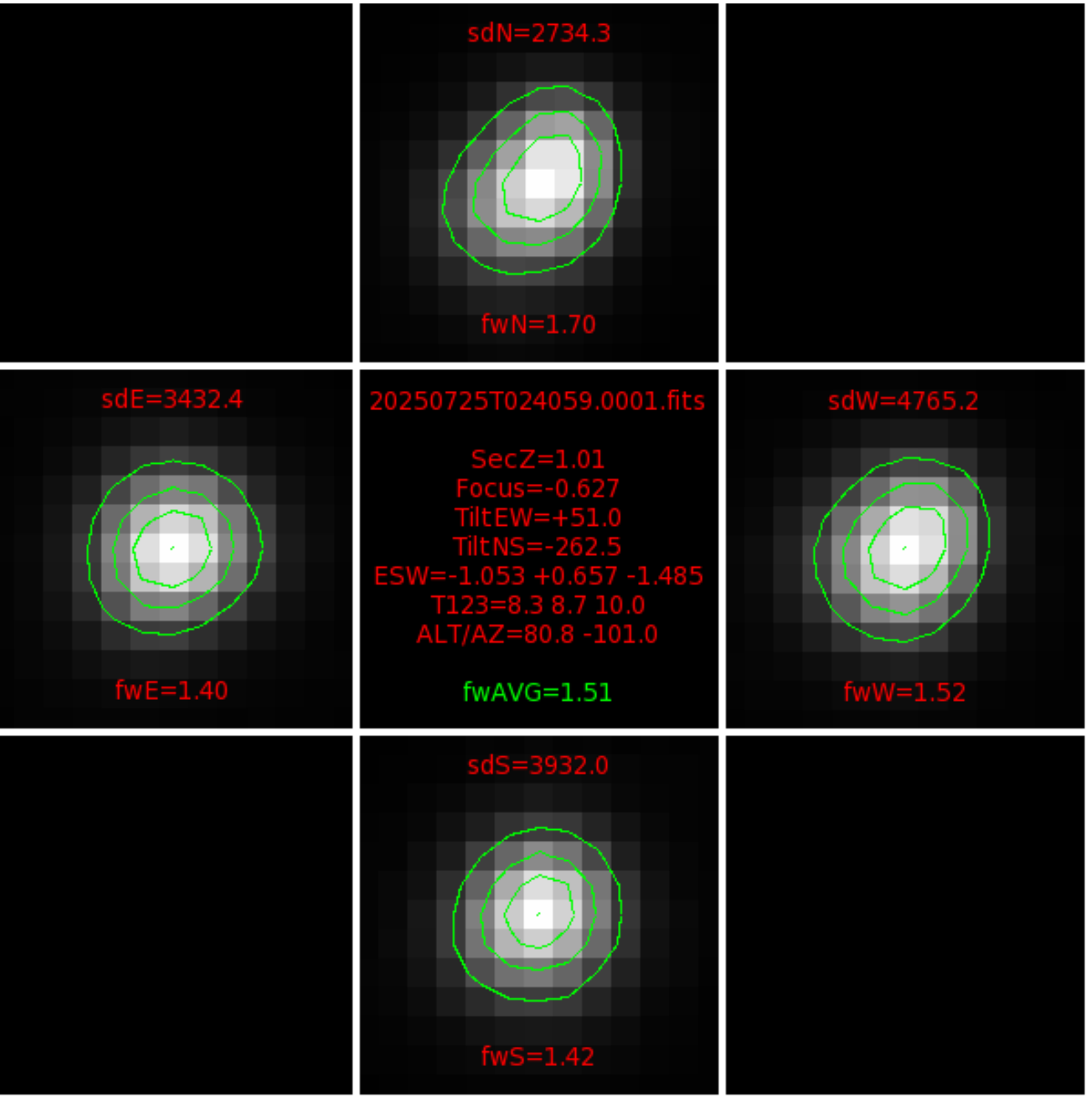
sdN=2734.3
fwN=1.70
sdE=3432.4
fwE=1.40
20250725T024059.0001.fits
SecZ=1.01
Focus=-0.627
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.053 +0.657 -1.485
T123=8.3 8.7 10.0
ALT/AZ=80.8 -101.0
fwAVG=1.51
sdW=4765.2
fwW=1.52
sdS=3932.0
fwS=1.42
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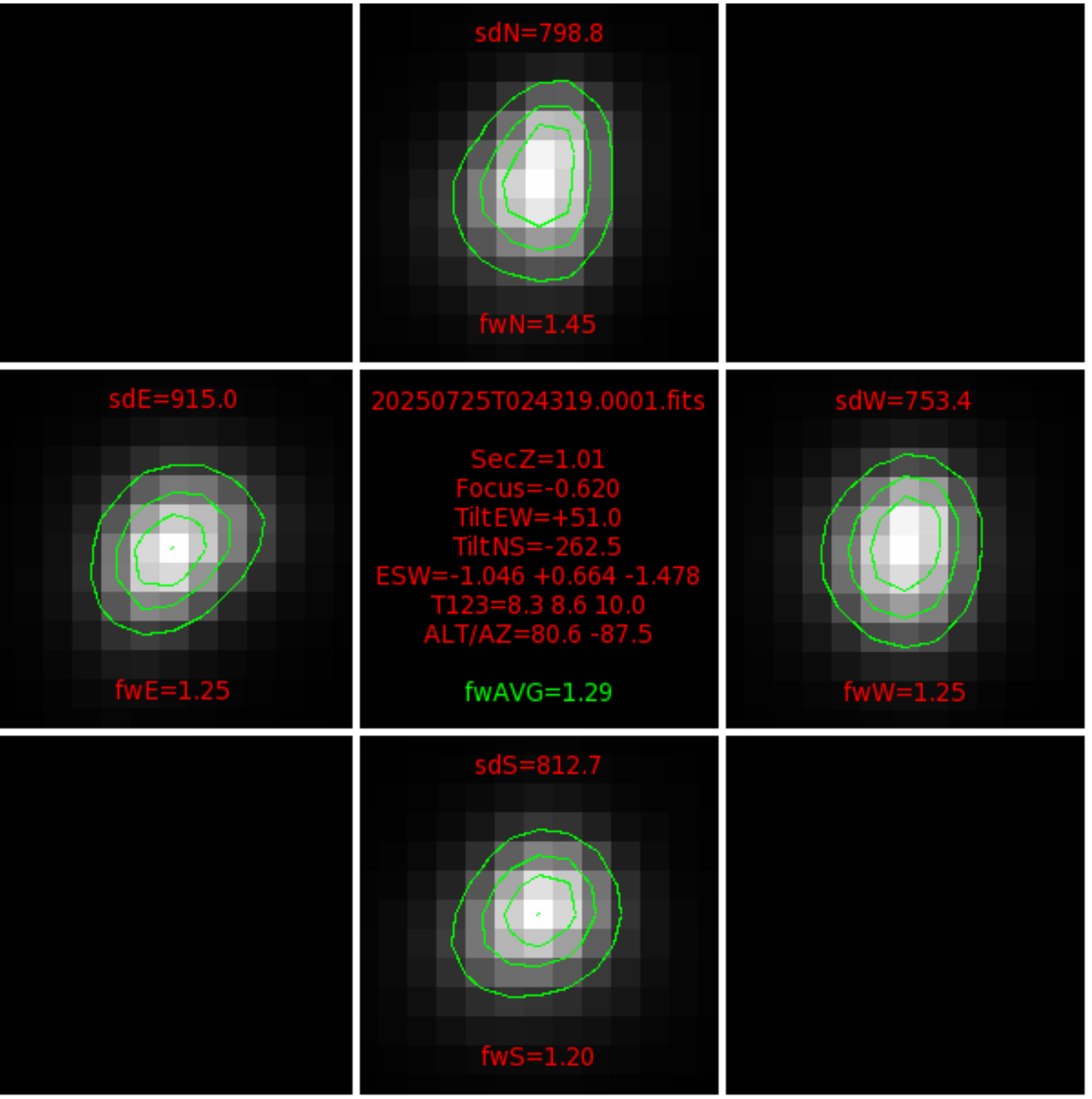
sdN=798.8
fwN=1.45
sdE=915.0
fwE=1.25
20250725T024319.0001.fits
SecZ=1.01
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=8.3 8.6 10.0
ALT/AZ=80.6 -87.5
fwAVG=1.29
sdW=753.4
fwW=1.25
sdS=812.7
fwS=1.20
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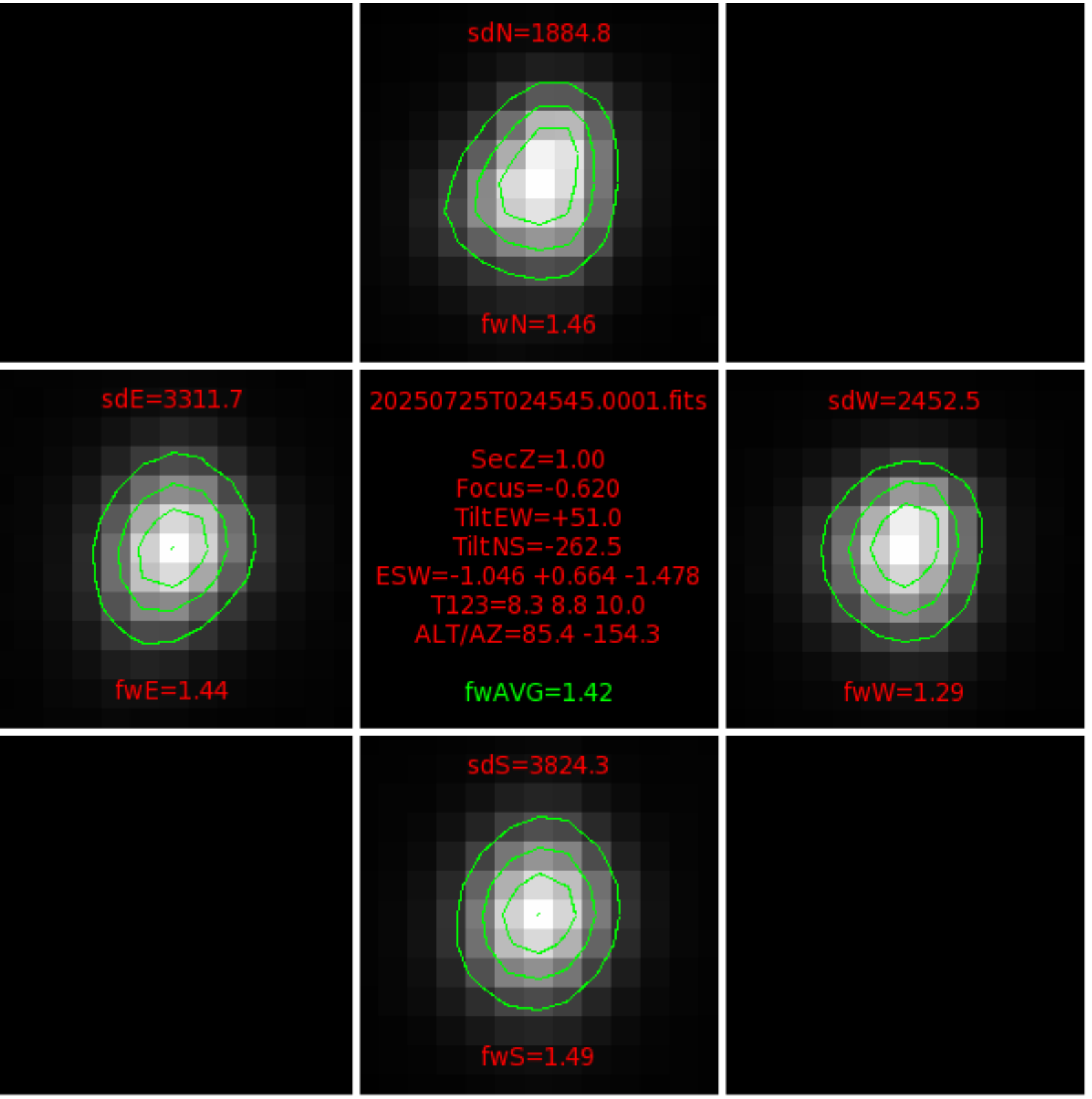
sdN=1884.8
fwN=1.46
sdE=3311.7
fwE=1.44
20250725T024545.0001.fits
SecZ=1.00
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=8.3 8.8 10.0
ALT/AZ=85.4 -154.3
fwAVG=1.42
sdW=2452.5
fwW=1.29
sdS=3824.3
fwS=1.49
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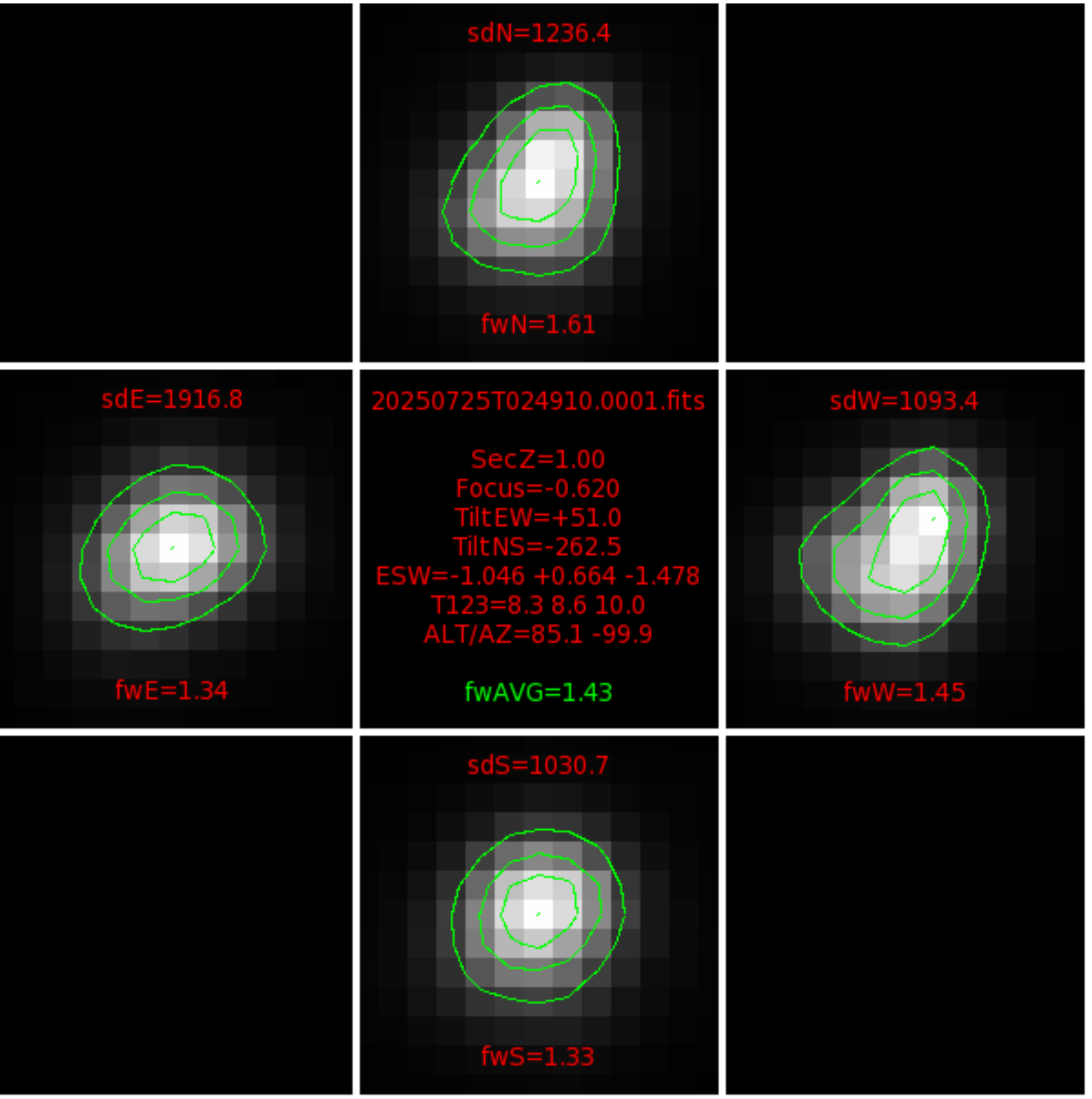
sdN=1236.4
fwN=1.61
sdE=1916.8
fwE=1.34
20250725T024910.0001.fits
SecZ=1.00
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=8.3 8.6 10.0
ALT/AZ=85.1 -99.9
fwAVG=1.43
sdW=1093.4
fwW=1.45
sdS=1030.7
fwS=1.33
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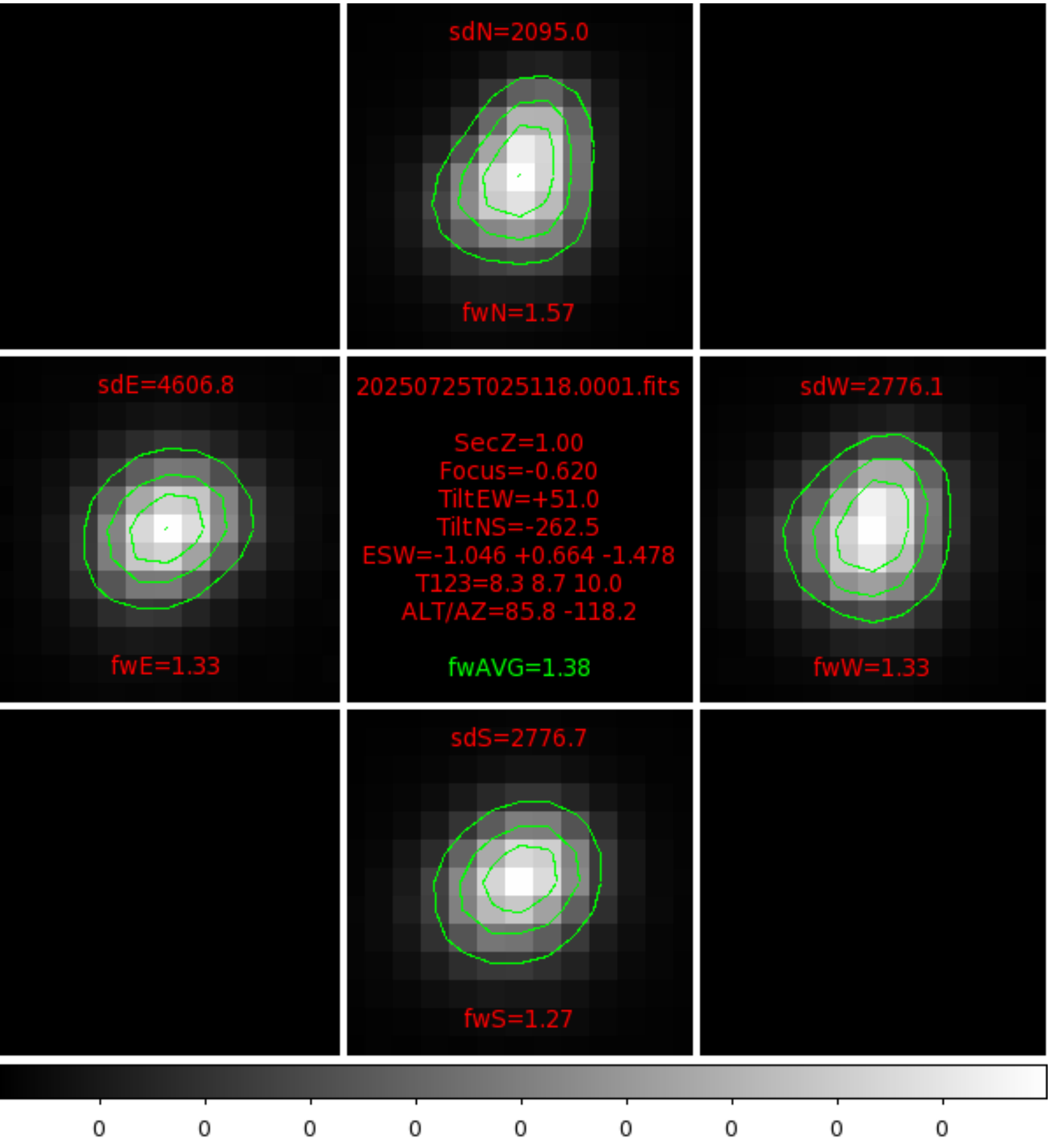
sdN=2095.0
fwN=1.57
sdE=4606.8
fwE=1.33
20250725T025118.0001.fits
SecZ=1.00
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=8.3 8.7 10.0
ALT/AZ=85.8 -118.2
fwAVG=1.38
sdW=2776.1
fwW=1.33
sdS=2776.7
fwS=1.27
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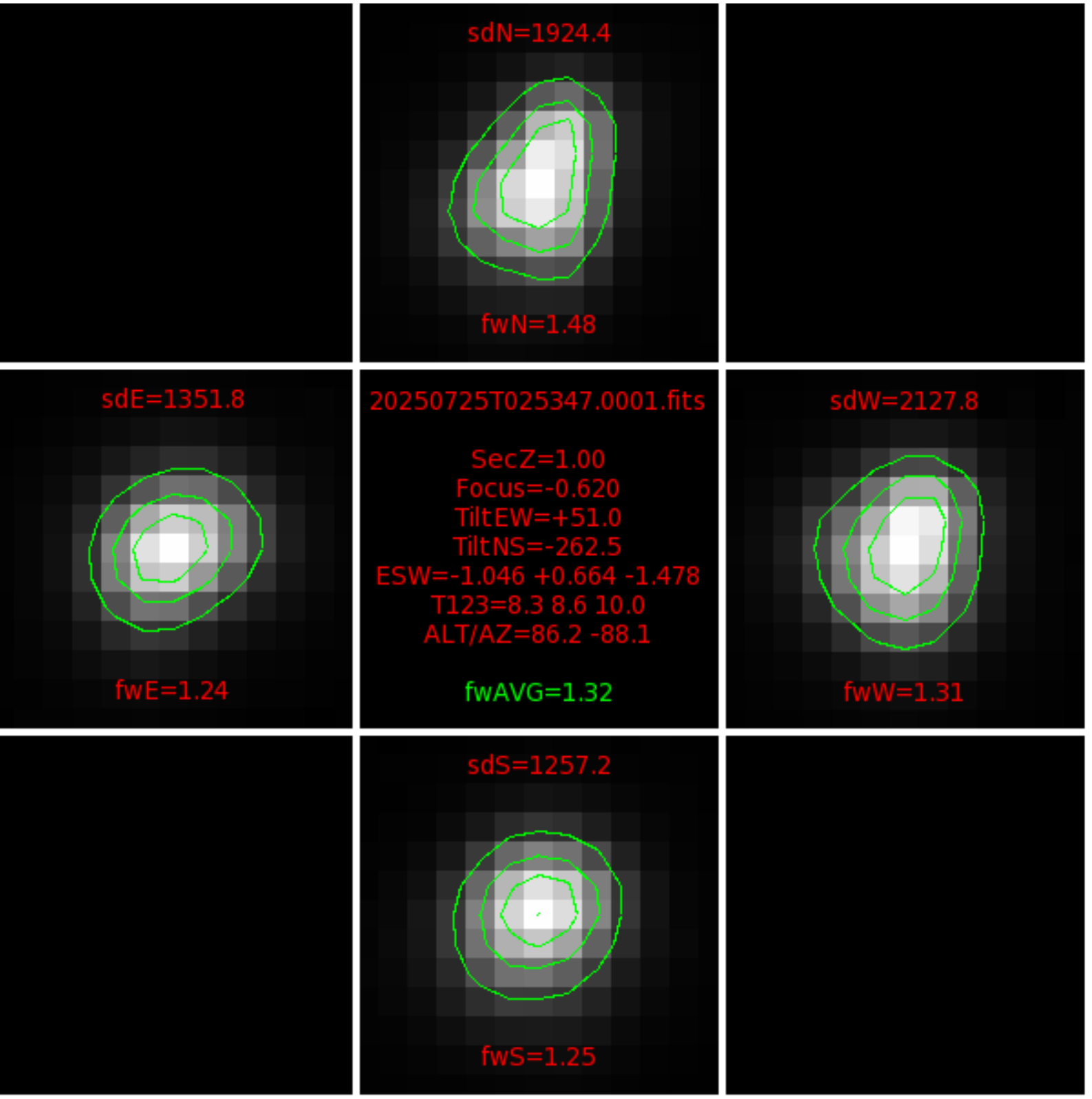
sdN=1924.4
fwN=1.48
sdE=1351.8
fwE=1.24
20250725T025347.0001.fits
SecZ=1.00
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=8.3 8.6 10.0
ALT/AZ=86.2 -88.1
fwAVG=1.32
sdW=2127.8
fwW=1.31
sdS=1257.2
fwS=1.25
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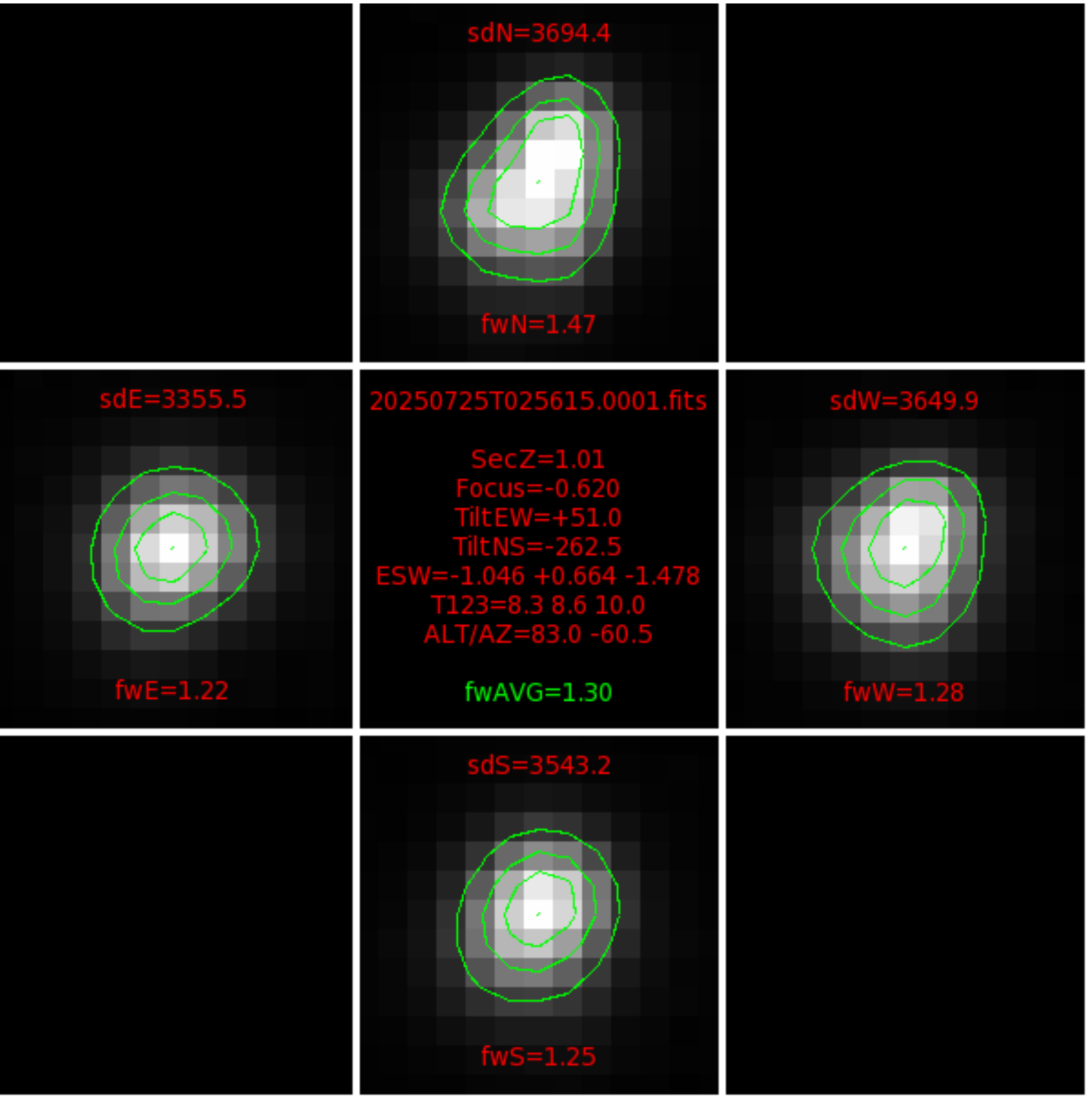
sdN=3694.4
fwN=1.47
sdE=3355.5
fwE=1.22
20250725T025615.0001.fits
SecZ=1.01
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=8.3 8.6 10.0
ALT/AZ=83.0 -60.5
fwAVG=1.30
sdW=3649.9
fwW=1.28
sdS=3543.2
fwS=1.25
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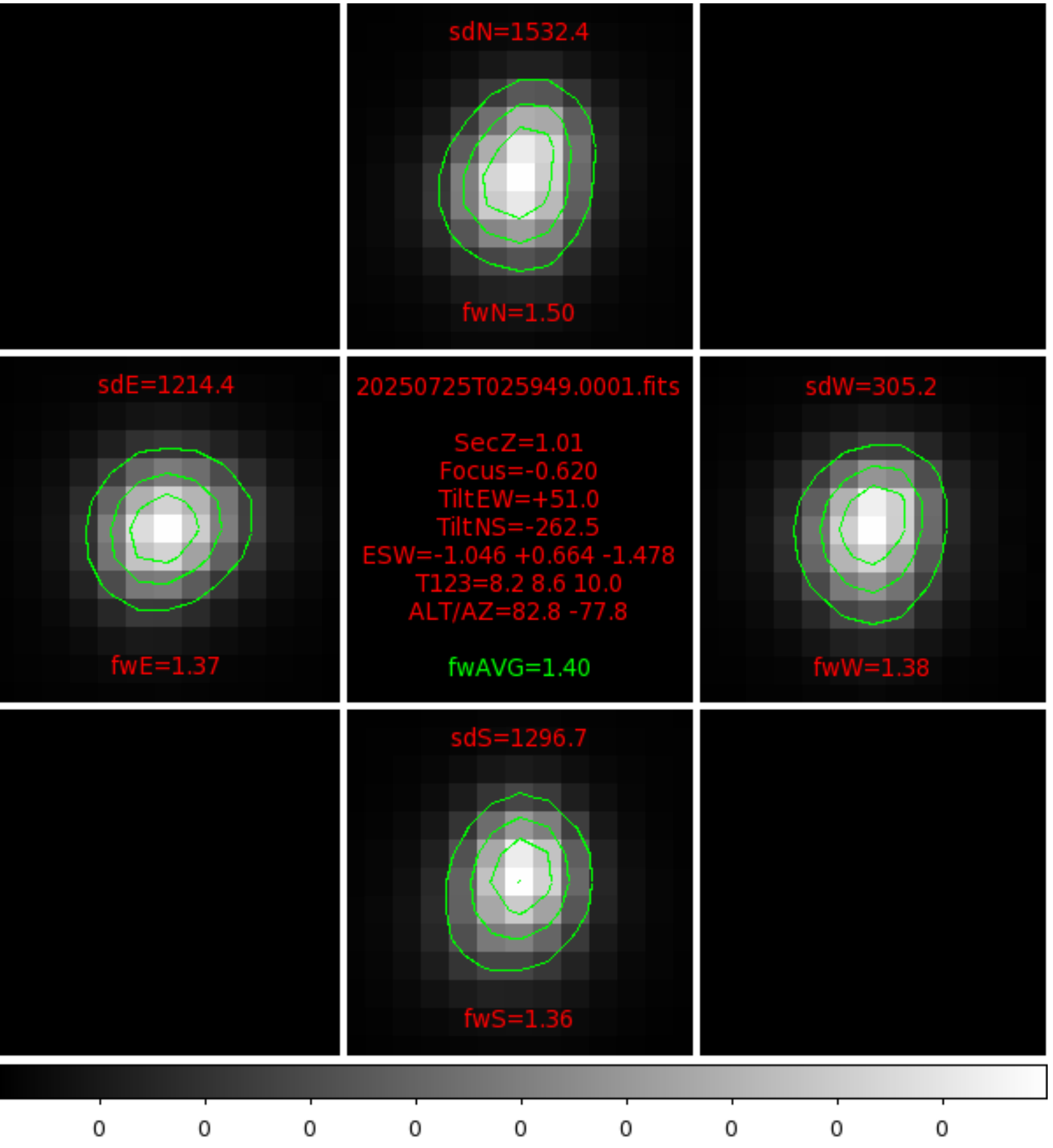
sdN=1532.4
fwN=1.50
sdE=1214.4
fwE=1.37
20250725T025949.0001.fits
SecZ=1.01
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=8.2 8.6 10.0
ALT/AZ=82.8 -77.8
fwAVG=1.40
sdW=305.2
fwW=1.38
sdS=1296.7
fwS=1.36
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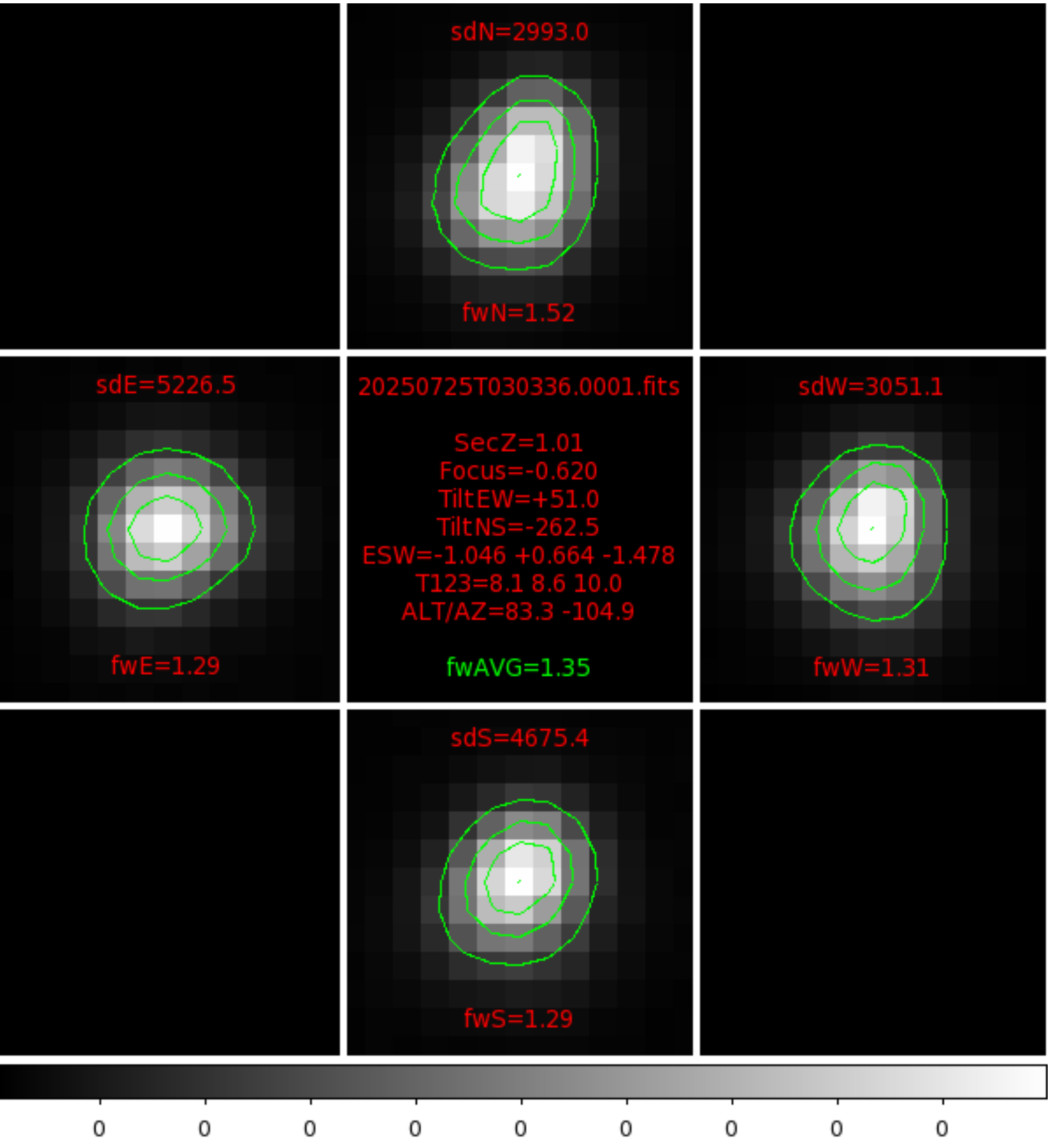
sdN=2993.0
fwN=1.52
sdE=5226.5
fwE=1.29
20250725T030336.0001.fits
SecZ=1.01
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=8.1 8.6 10.0
ALT/AZ=83.3 -104.9
fwAVG=1.35
sdW=3051.1
fwW=1.31
sdS=4675.4
fwS=1.29
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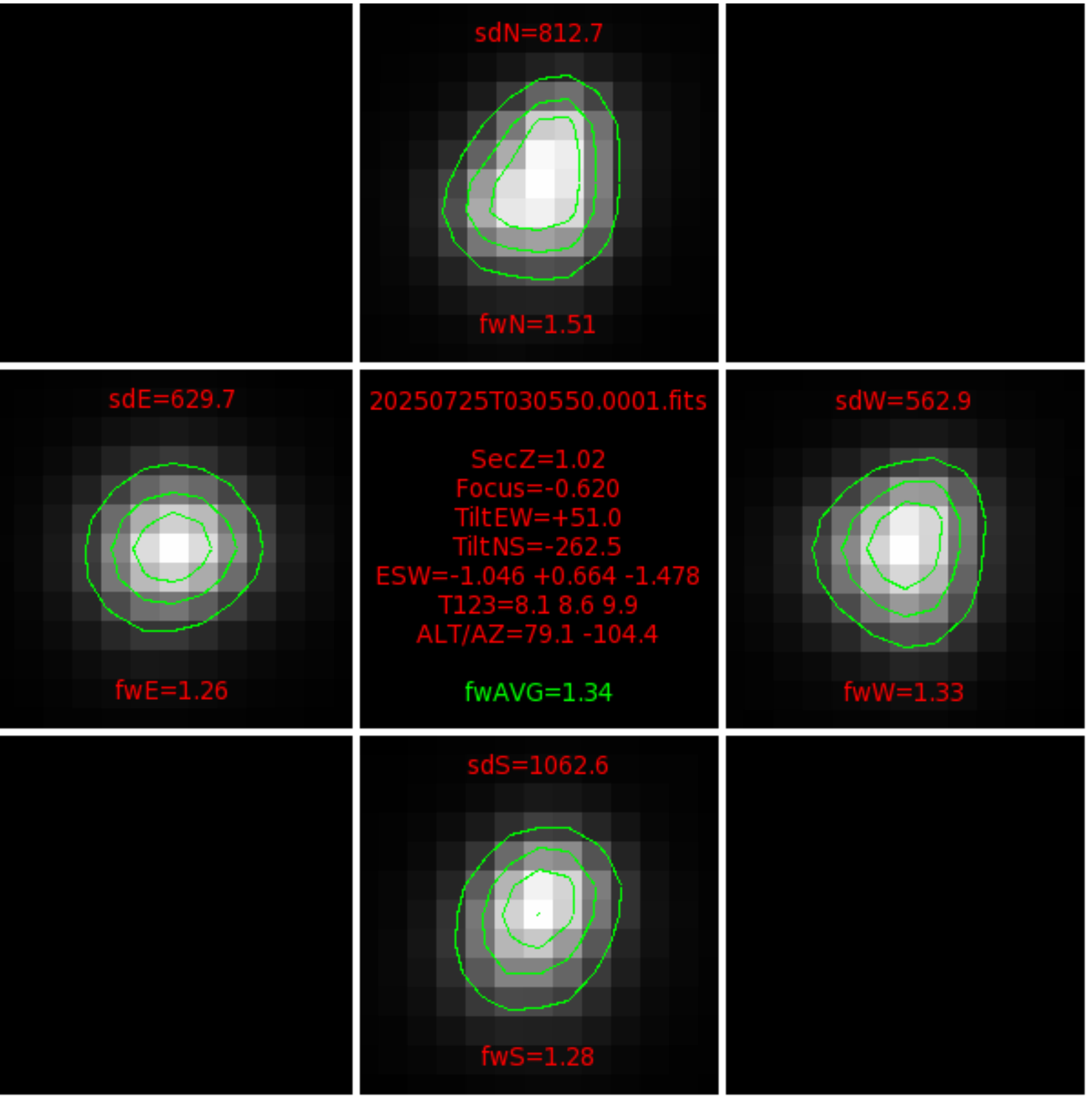
sdN=812.7
fwN=1.51
sdE=629.7
fwE=1.26
20250725T030550.0001.fits
SecZ=1.02
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=8.1 8.6 9.9
ALT/AZ=79.1 -104.4
fwAVG=1.34
sdW=562.9
fwW=1.33
sdS=1062.6
fwS=1.28
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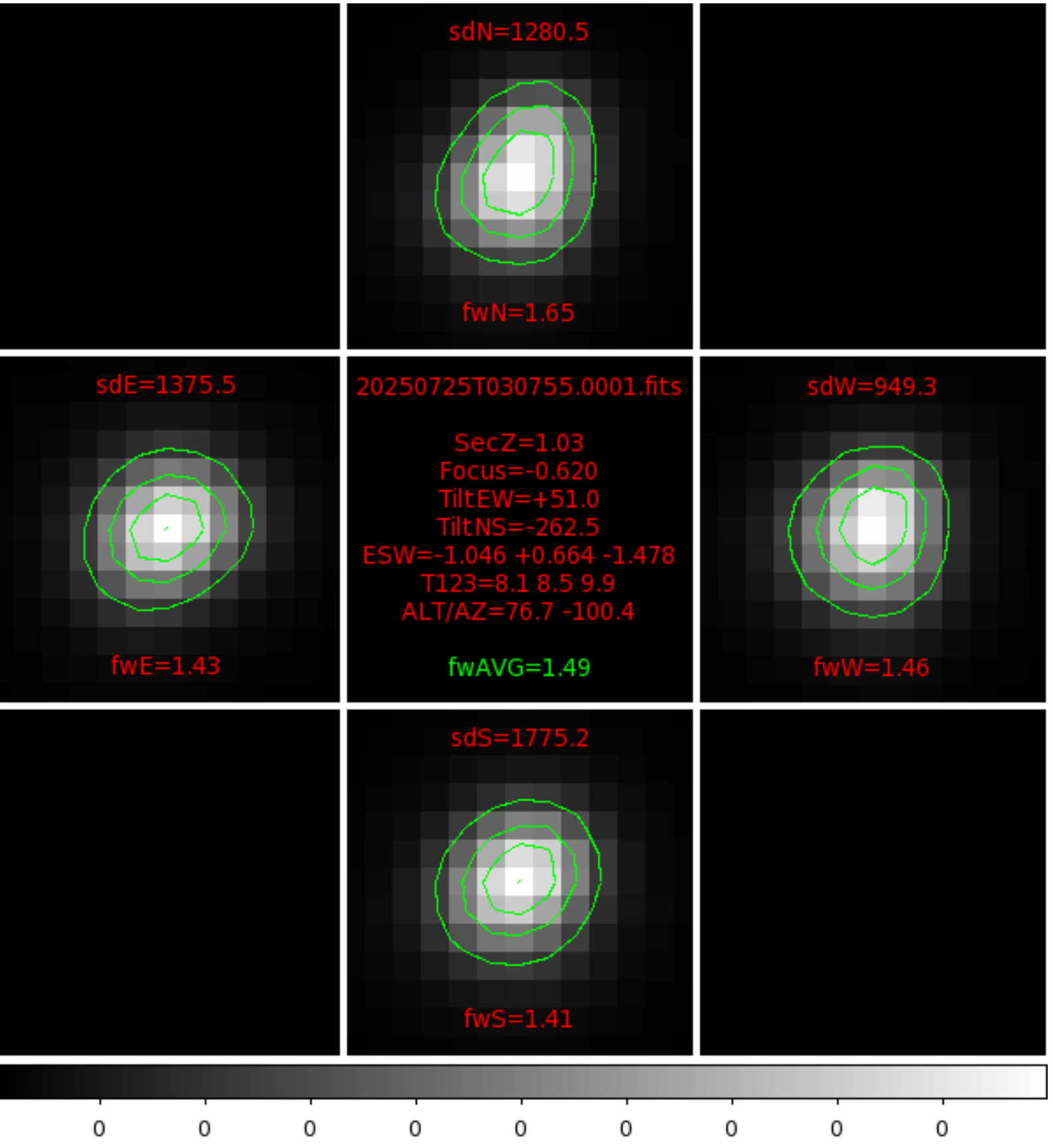
sdN=1280.5
fwN=1.65
sdE=1375.5
fwE=1.43
20250725T030755.0001.fits
SecZ=1.03
Focus=-0.620
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.046 +0.664 -1.478
T123=8.1 8.5 9.9
ALT/AZ=76.7 -100.4
fwAVG=1.49
sdW=949.3
fwW=1.46
sdS=1775.2
fwS=1.41
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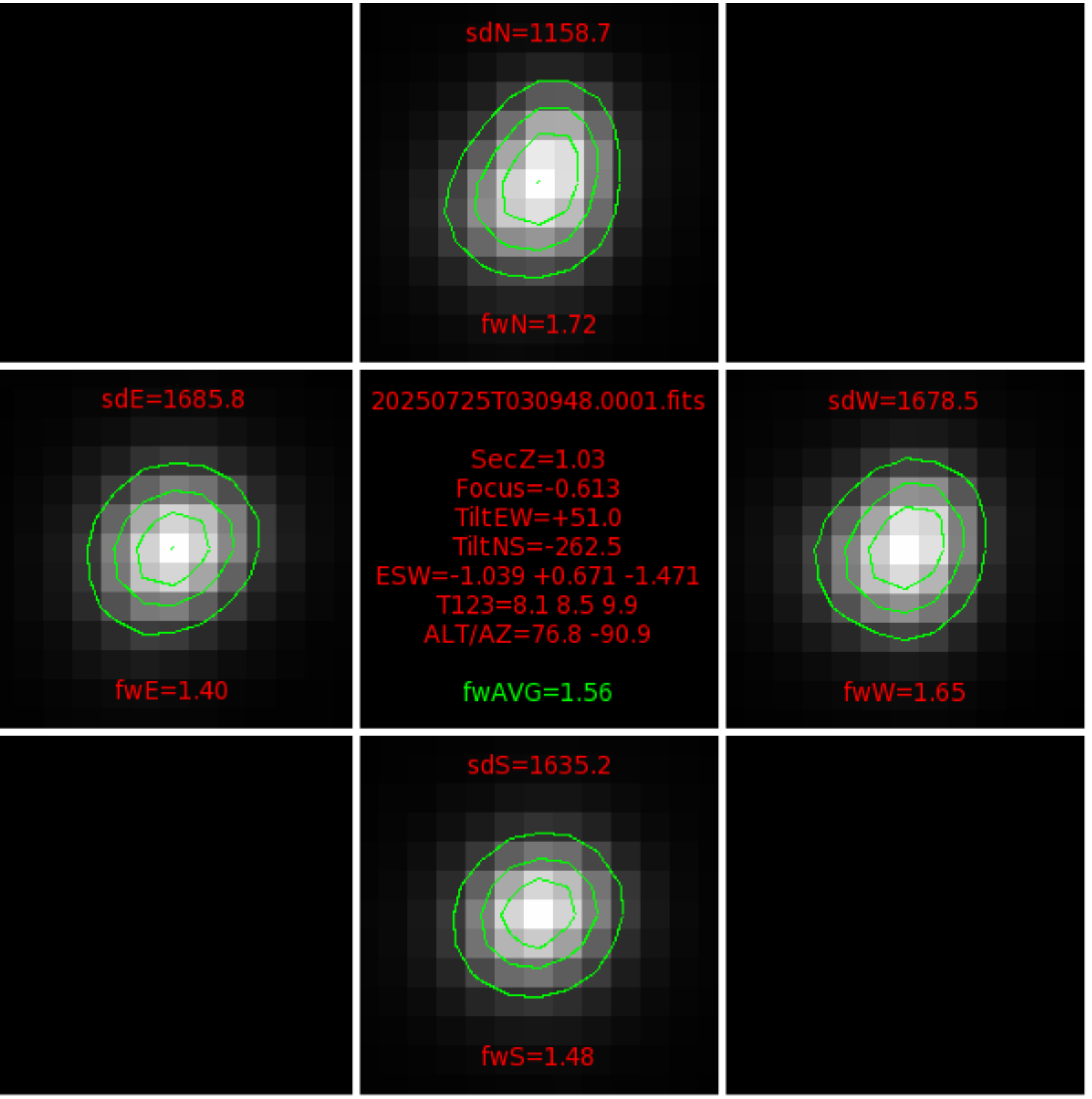
sdN=1158.7
fwN=1.72
sdE=1685.8
fwE=1.40
20250725T030948.0001.fits
SecZ=1.03
Focus=-0.613
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.039 +0.671 -1.471
T123=8.1 8.5 9.9
ALT/AZ=76.8 -90.9
fwAVG=1.56
sdW=1678.5
fwW=1.65
sdS=1635.2
fwS=1.48
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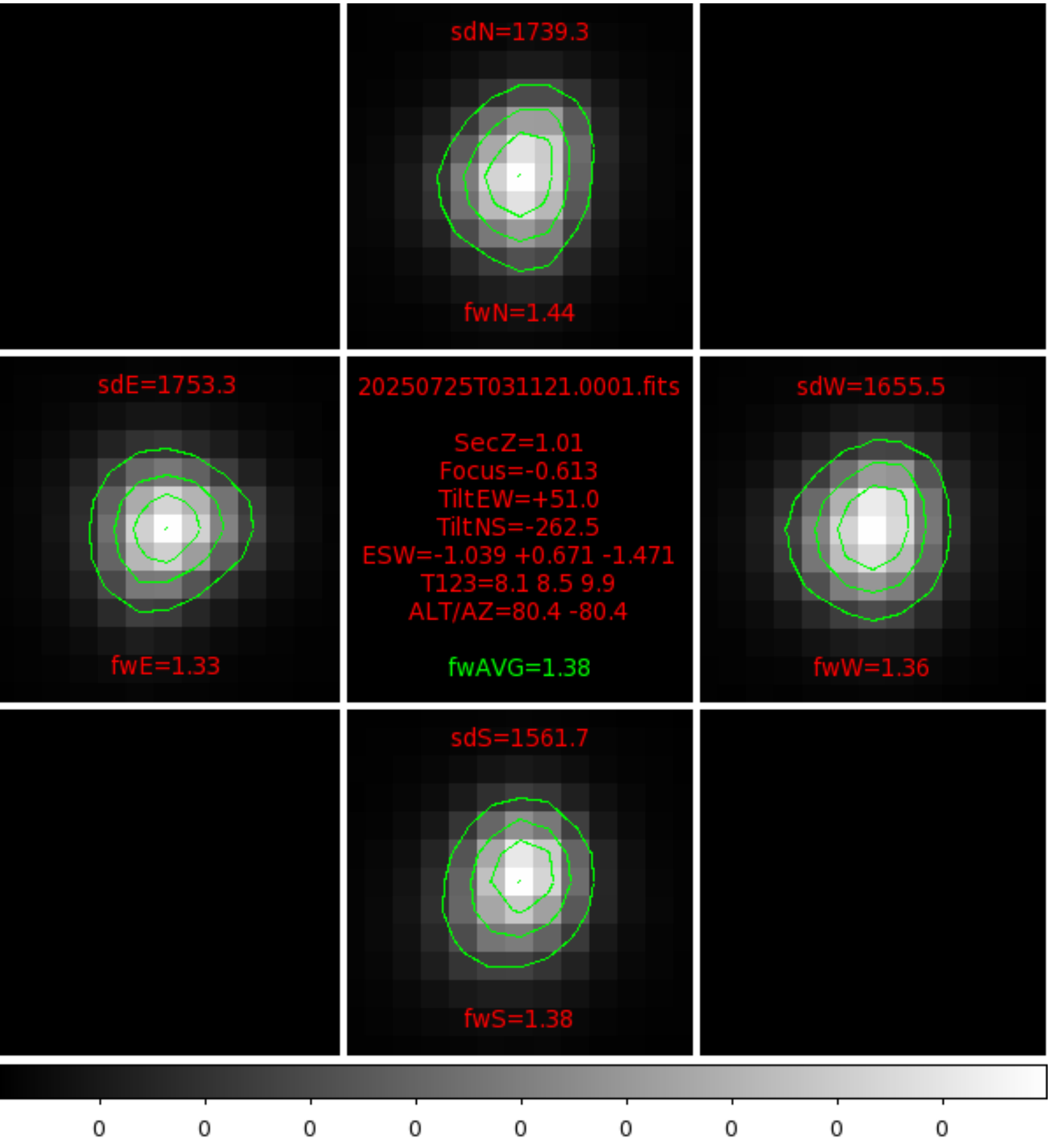
sdN=1739.3
fwN=1.44
sdE=1753.3
fwE=1.33
20250725T031121.0001.fits
SecZ=1.01
Focus=-0.613
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.039 +0.671 -1.471
T123=8.1 8.5 9.9
ALT/AZ=80.4 -80.4
fwAVG=1.38
sdW=1655.5
fwW=1.36
sdS=1561.7
fwS=1.38
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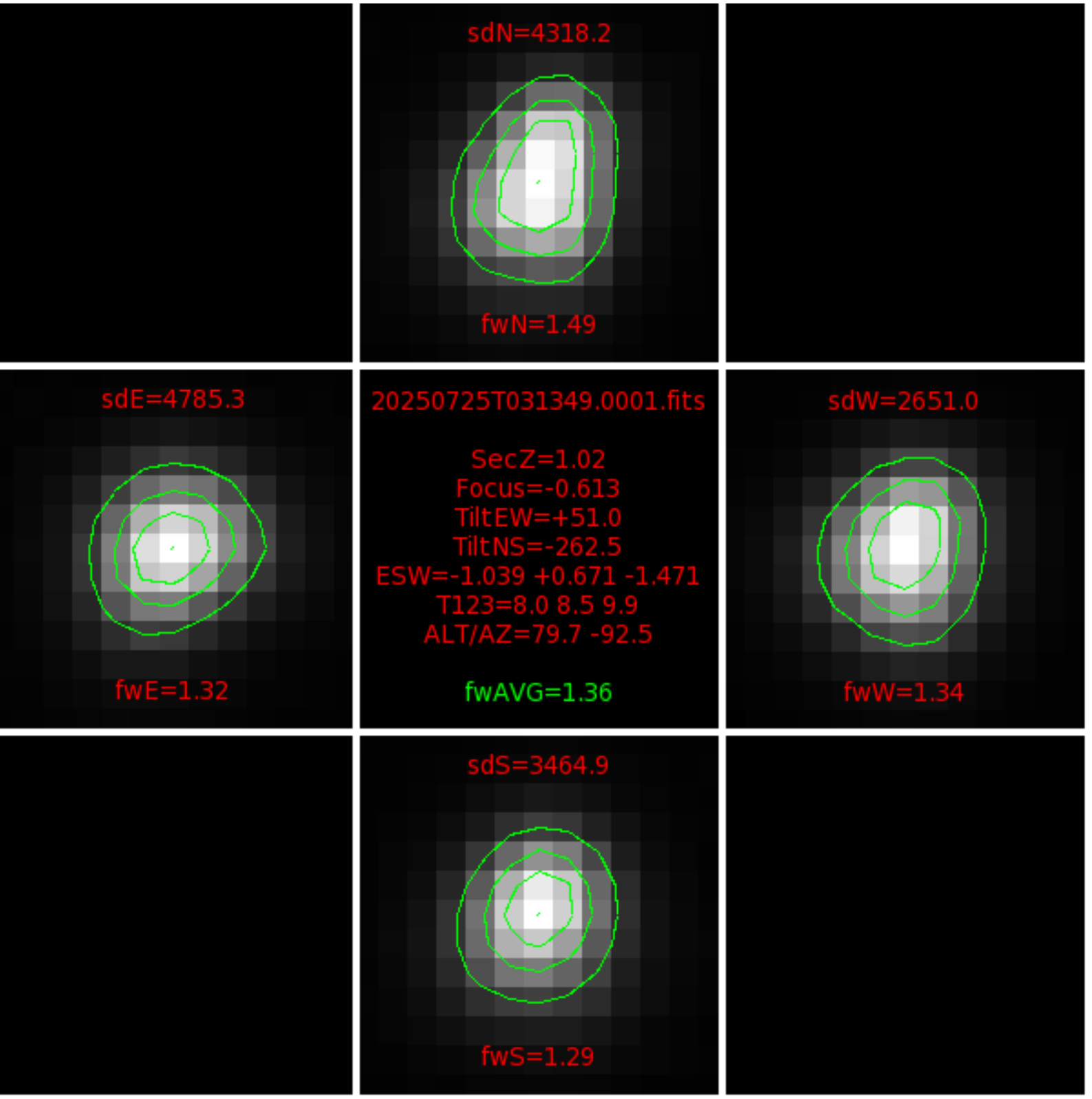
sdN=4318.2
fwN=1.49
sdE=4785.3
fwE=1.32
20250725T031349.0001.fits
SecZ=1.02
Focus=-0.613
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.039 +0.671 -1.471
T123=8.0 8.5 9.9
ALT/AZ=79.7 -92.5
fwAVG=1.36
sdW=2651.0
fwW=1.34
sdS=3464.9
fwS=1.29
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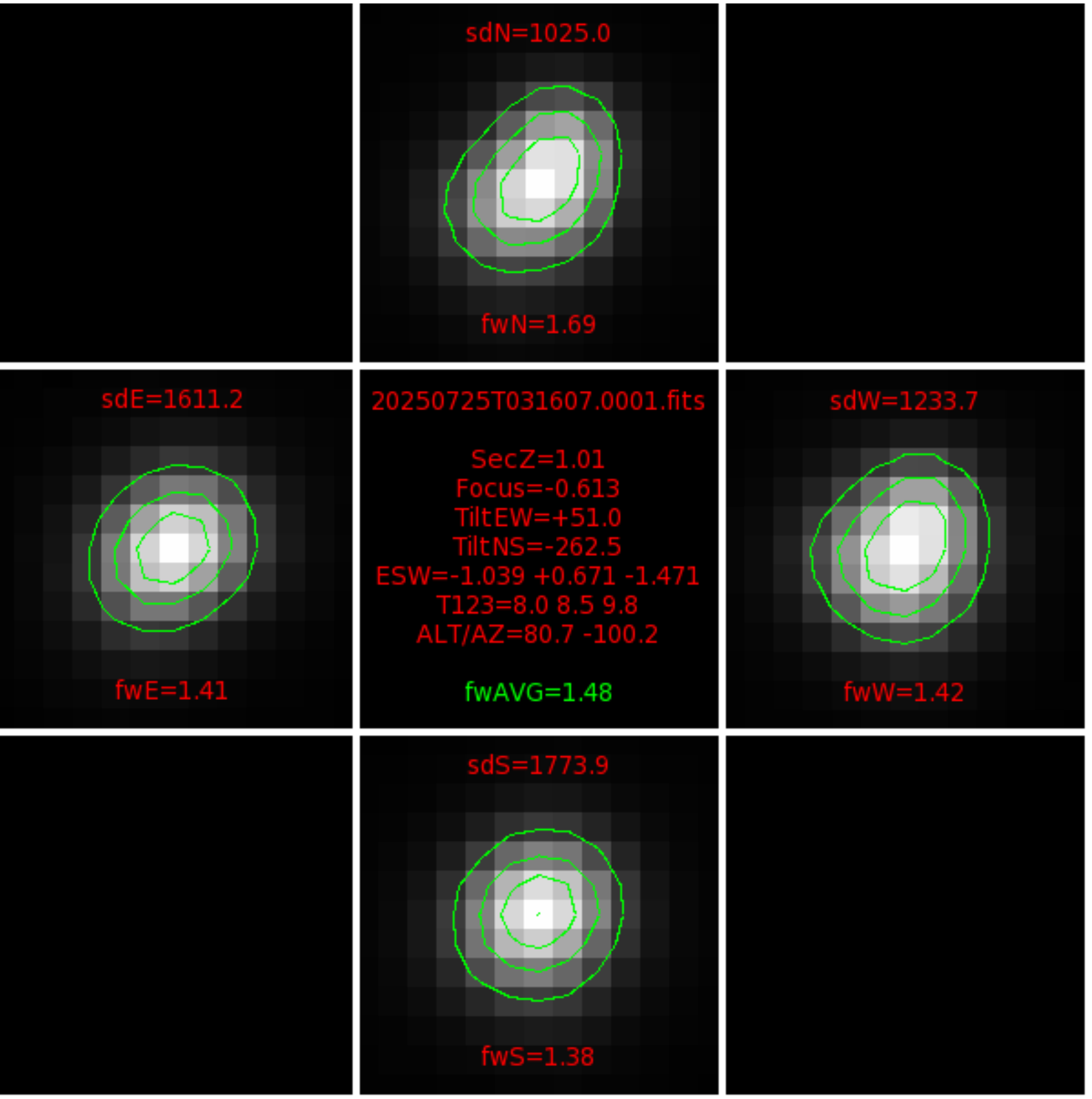
sdN=1025.0
fwN=1.69
sdE=1611.2
fwE=1.41
20250725T031607.0001.fits
SecZ=1.01
Focus=-0.613
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.039 +0.671 -1.471
T123=8.0 8.5 9.8
ALT/AZ=80.7 -100.2
fwAVG=1.48
sdW=1233.7
fwW=1.42
sdS=1773.9
fwS=1.38
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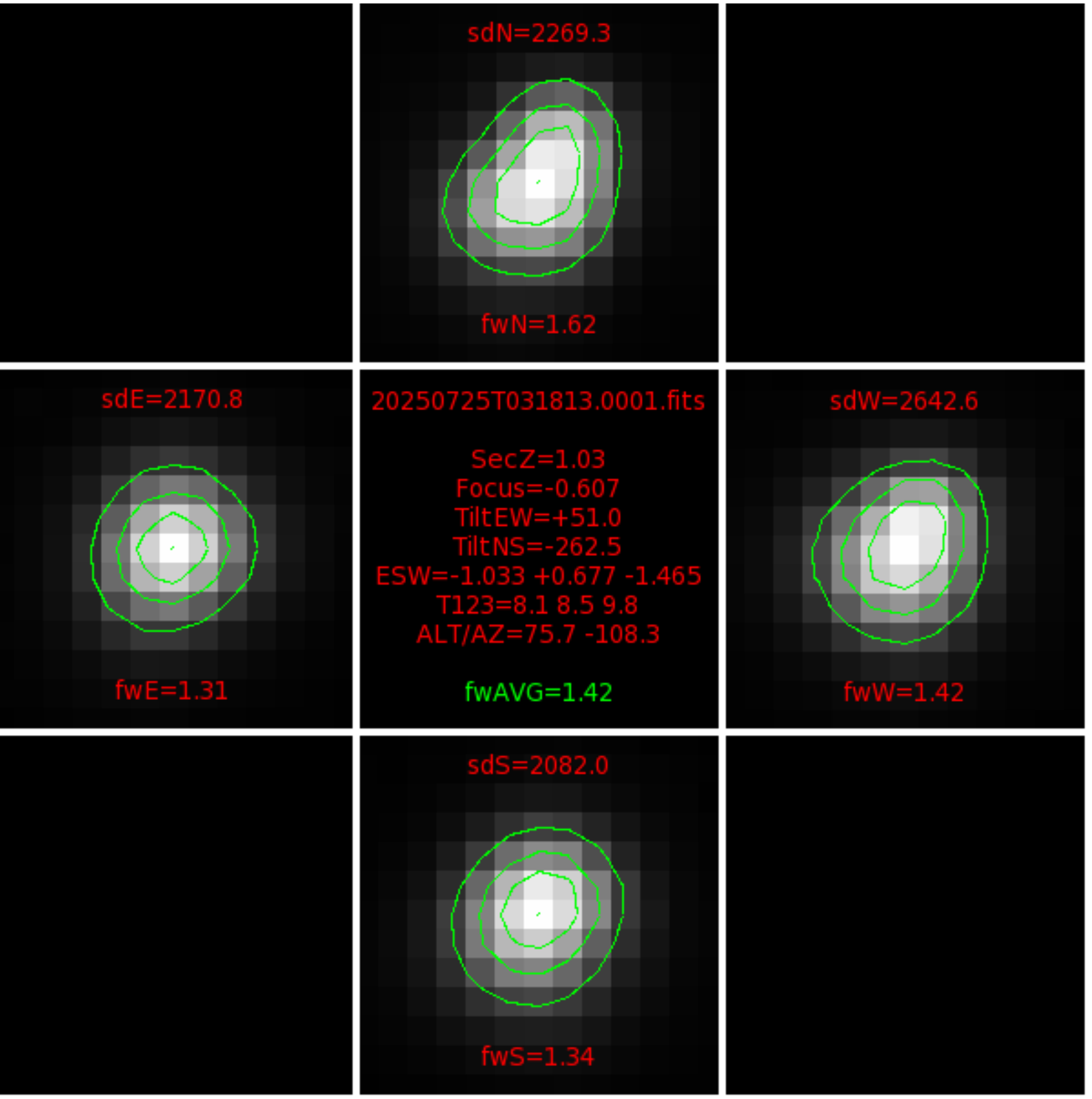
sdN=2269.3
fwN=1.62
sdE=2170.8
fwE=1.31
20250725T031813.0001.fits
SecZ=1.03
Focus=-0.607
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.033 +0.677 -1.465
T123=8.1 8.5 9.8
ALT/AZ=75.7 -108.3
fwAVG=1.42
sdW=2642.6
fwW=1.42
sdS=2082.0
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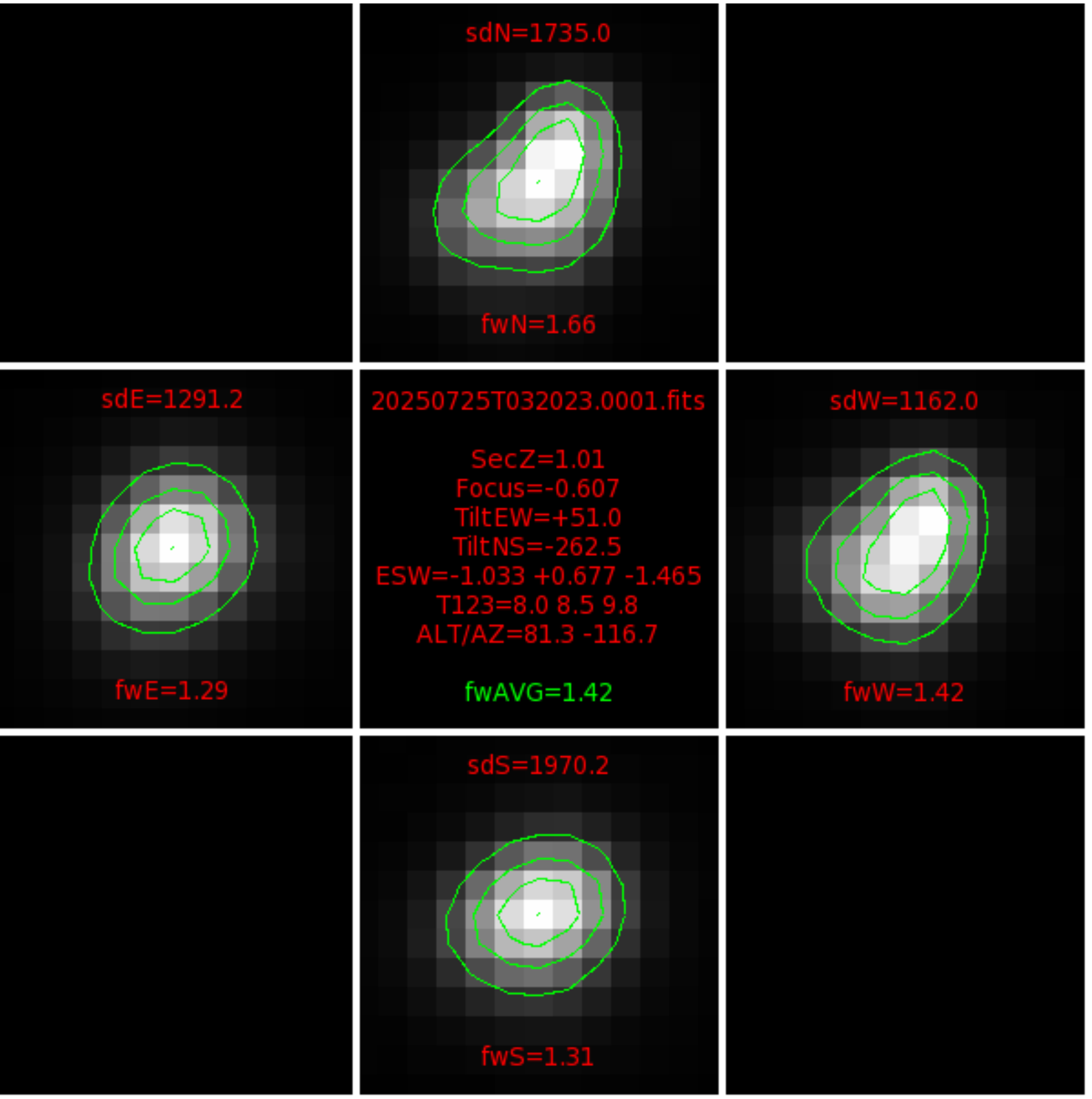
sdN=1735.0
fwN=1.66
sdE=1291.2
fwE=1.29
20250725T032023.0001.fits
SecZ=1.01
Focus=-0.607
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.033 +0.677 -1.465
T123=8.0 8.5 9.8
ALT/AZ=81.3 -116.7
fwAVG=1.42
sdW=1162.0
fwW=1.42
sdS=1970.2
fwS=1.31
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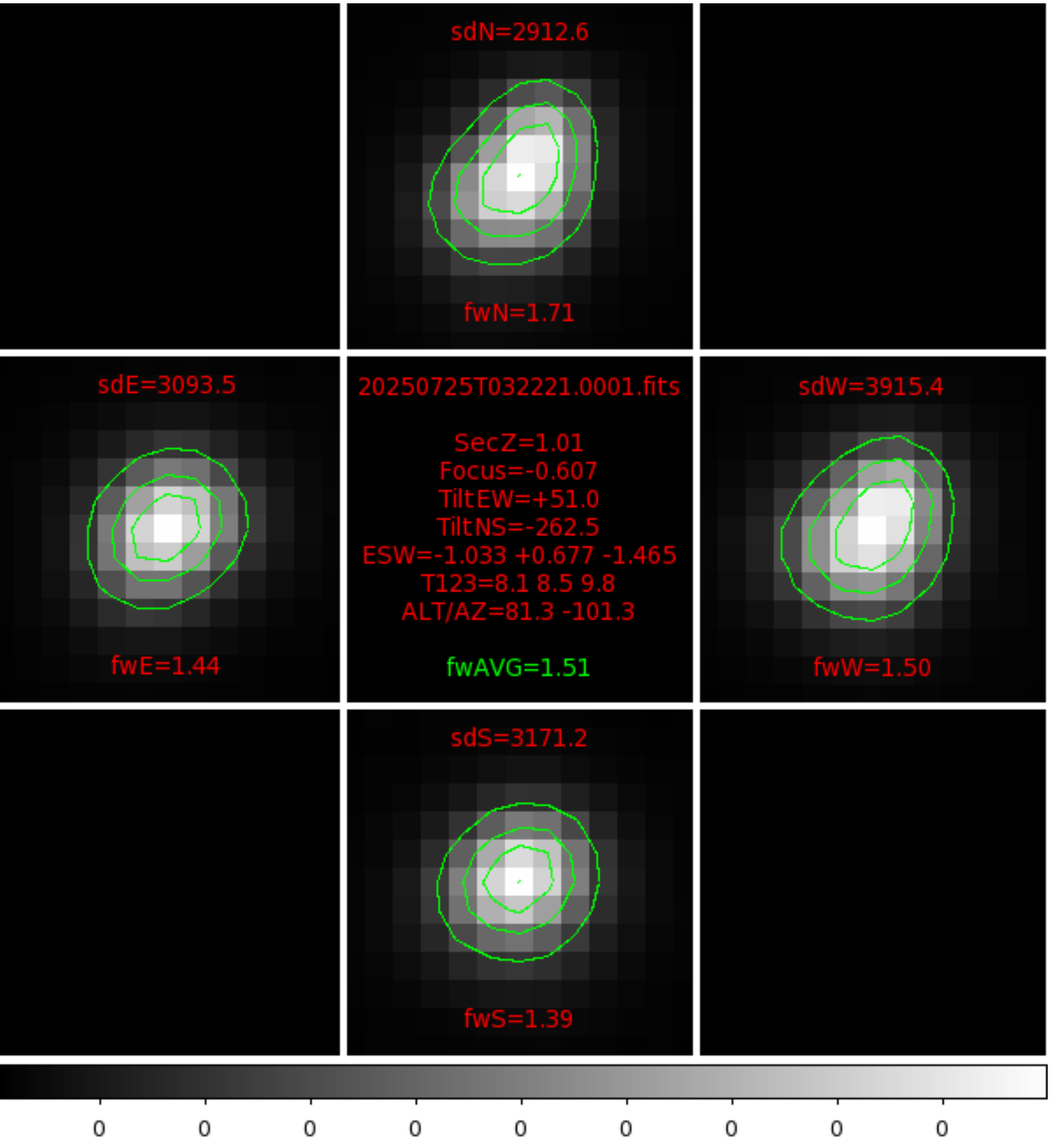
sdN=2912.6
fwN=1.71
sdE=3093.5
fwE=1.44
20250725T032221.0001.fits
SecZ=1.01
Focus=-0.607
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.033 +0.677 -1.465
T123=8.1 8.5 9.8
ALT/AZ=81.3 -101.3
fwAVG=1.51
sdW=3915.4
fwW=1.50
sdS=3171.2
fwS=1.39
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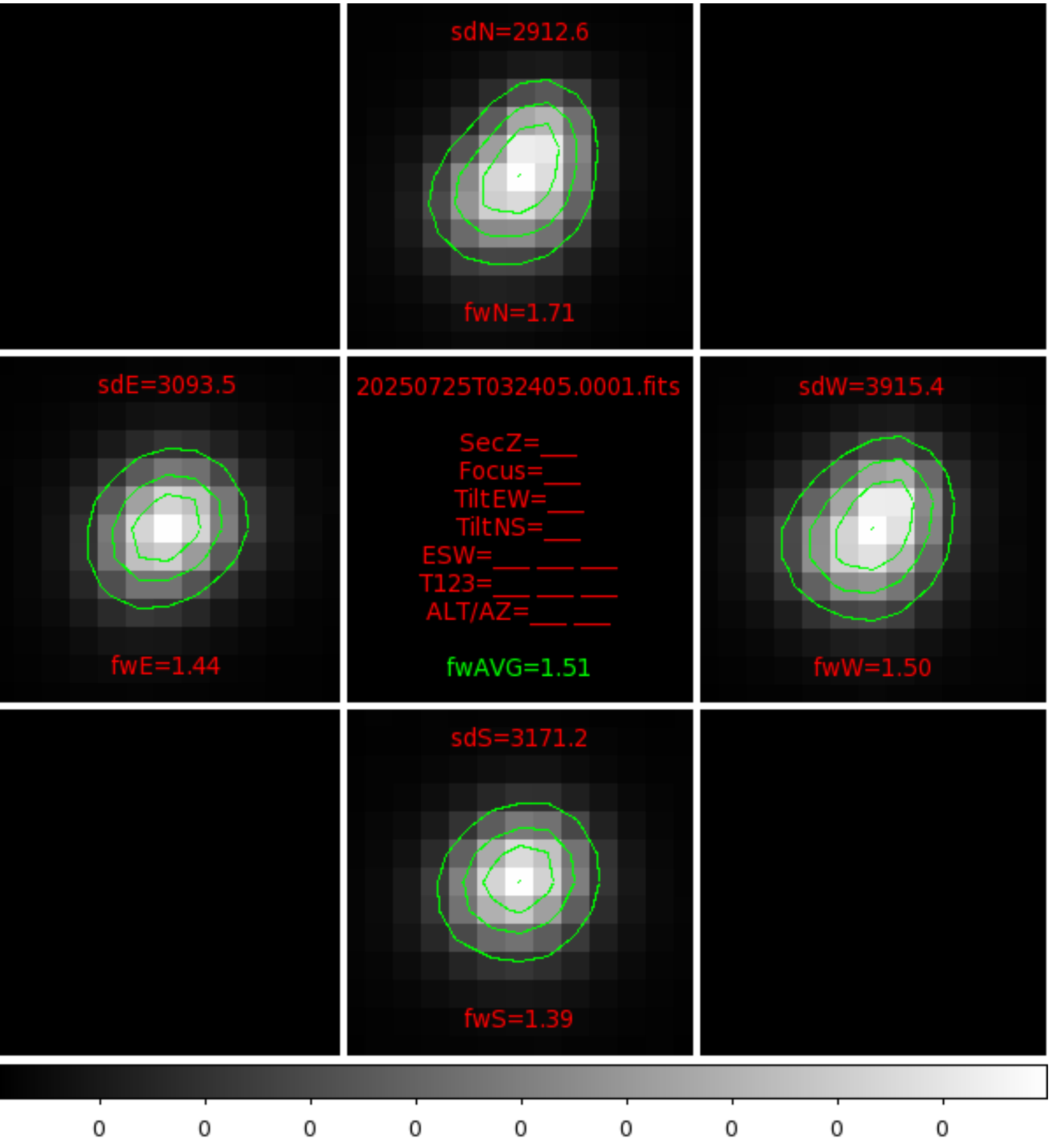
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fwN=1.71
sdE=3093.5
fwE=1.44
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SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=1.51
sdW=3915.4
fwW=1.50
sdS=3171.2
fwS=1.39
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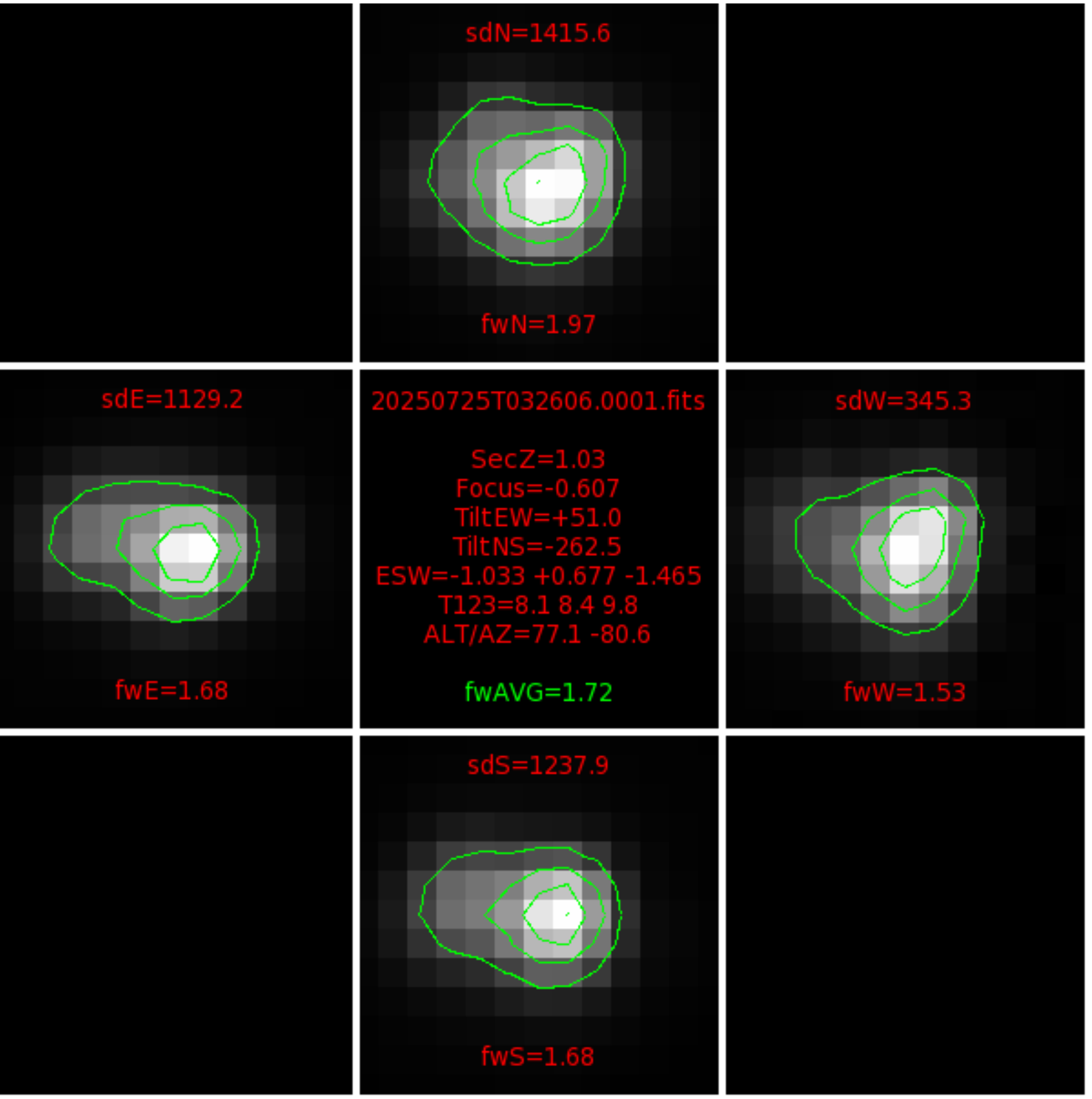
sdN=1415.6
fwN=1.97
sdE=1129.2
fwE=1.68
20250725T032606.0001.fits
SecZ=1.03
Focus=-0.607
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.033 +0.677 -1.465
T123=8.1 8.4 9.8
ALT/AZ=77.1 -80.6
fwAVG=1.72
sdW=345.3
fwW=1.53
sdS=1237.9
fwS=1.68
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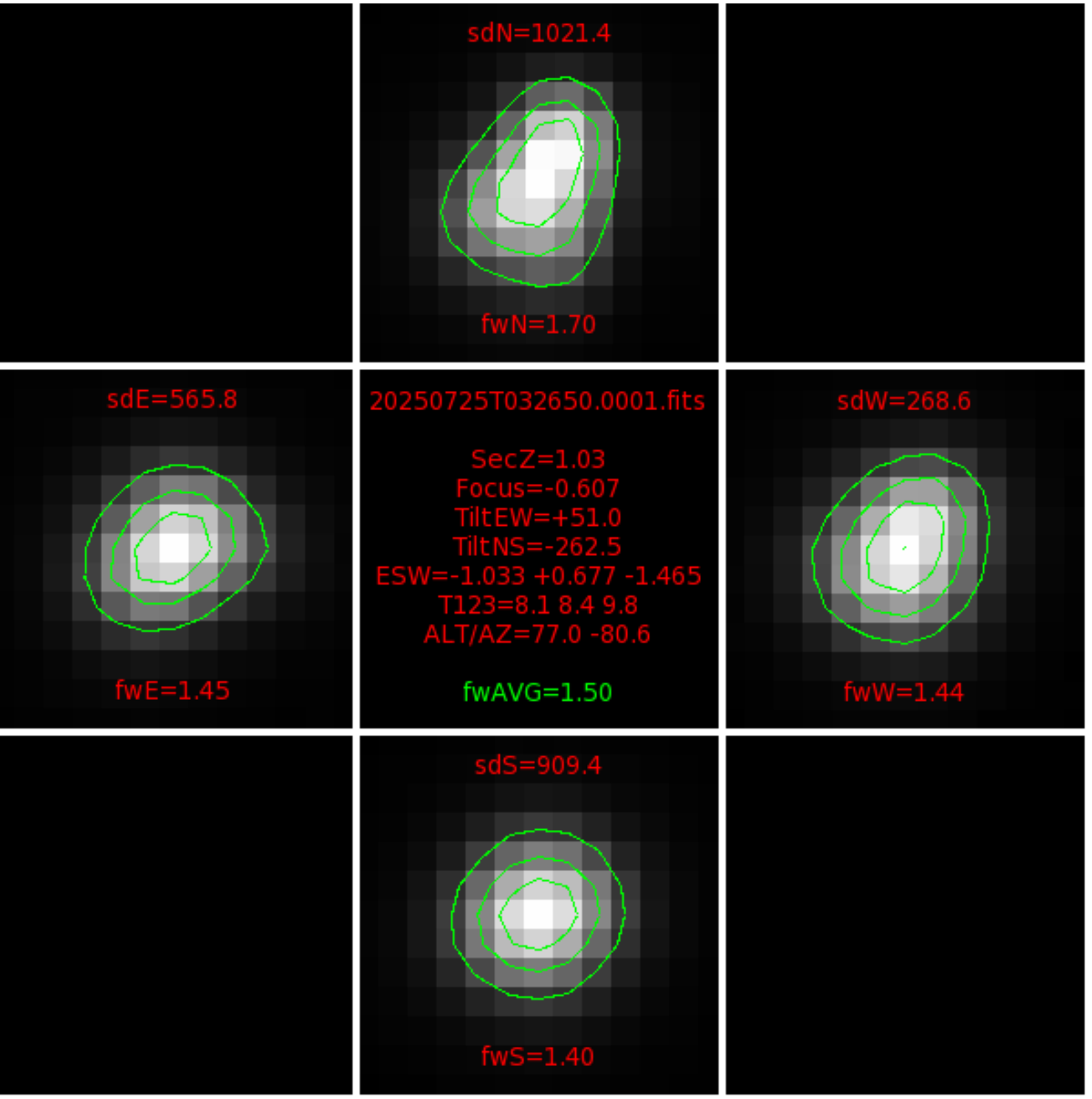
sdN=1021.4
fwN=1.70
sdE=565.8
fwE=1.45
20250725T032650.0001.fits
SecZ=1.03
Focus=-0.607
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.033 +0.677 -1.465
T123=8.1 8.4 9.8
ALT/AZ=77.0 -80.6
fwAVG=1.50
sdW=268.6
fwW=1.44
sdS=909.4
fwS=1.40
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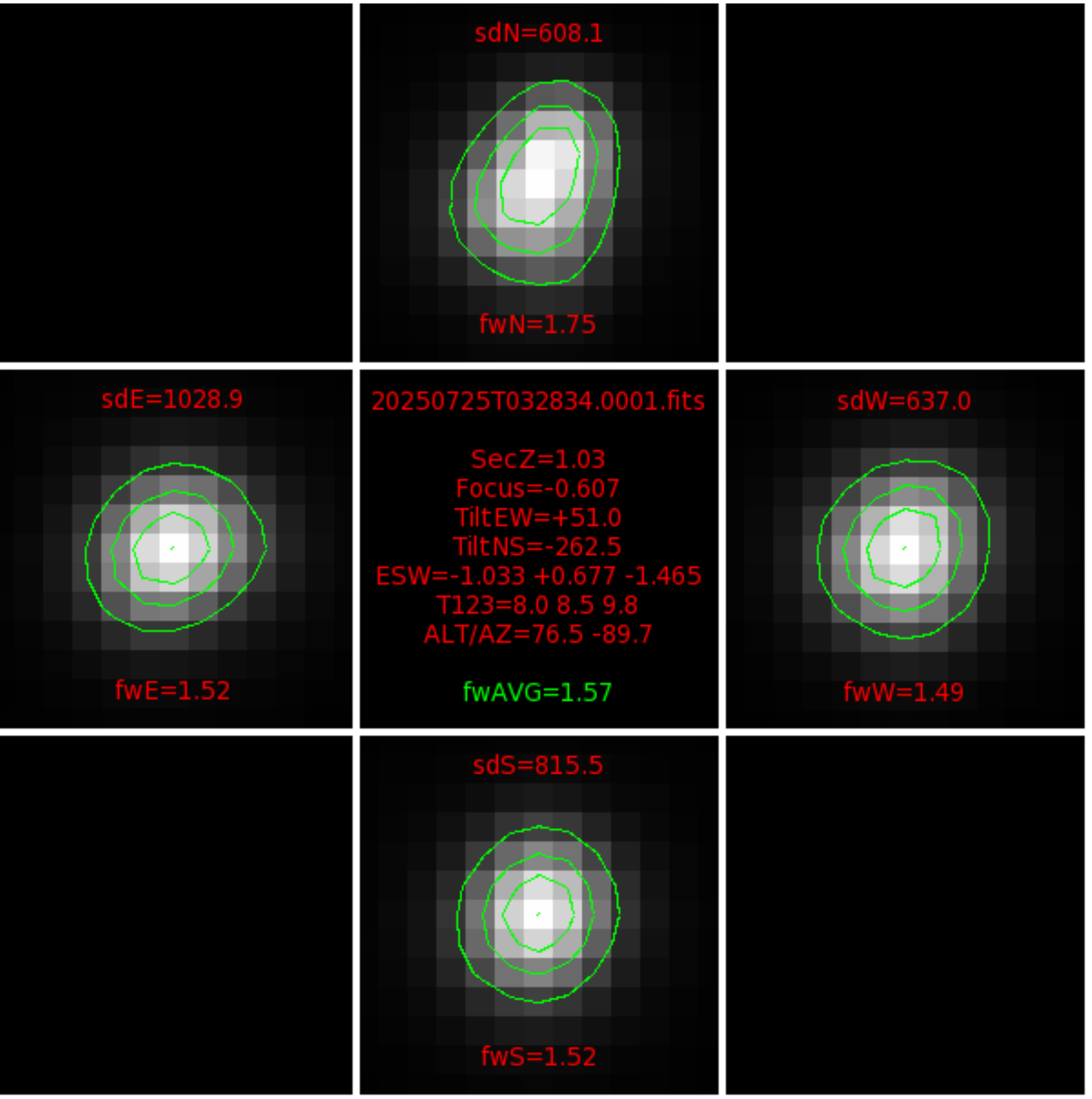
sdN=608.1
fwN=1.75
sdE=1028.9
fwE=1.52
20250725T032834.0001.fits
SecZ=1.03
Focus=-0.607
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.033 +0.677 -1.465
T123=8.0 8.5 9.8
ALT/AZ=76.5 -89.7
fwAVG=1.57
sdW=637.0
fwW=1.49
sdS=815.5
fwS=1.52
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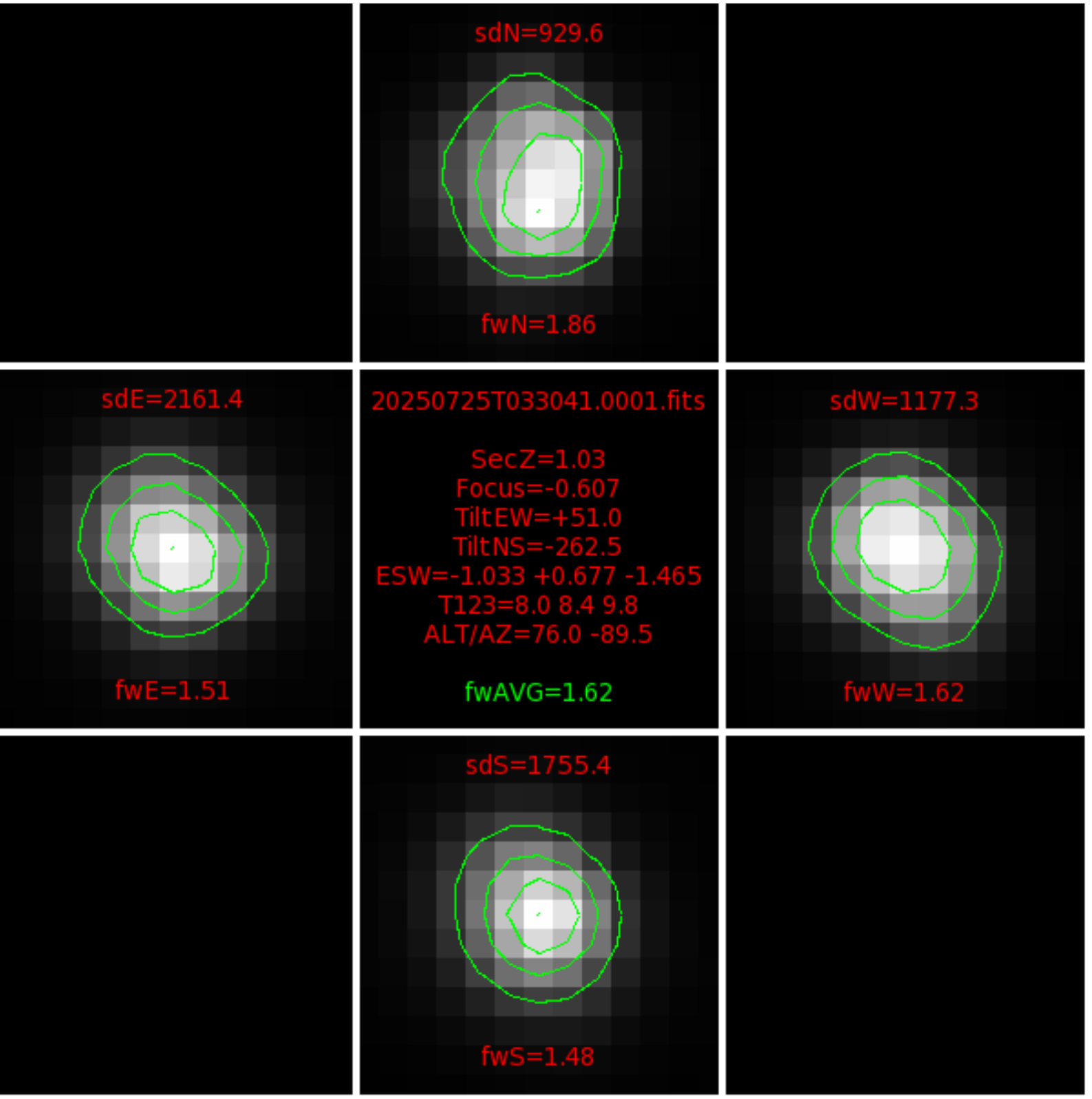
sdN=929.6
fwN=1.86
sdE=2161.4
fwE=1.51
20250725T033041.0001.fits
SecZ=1.03
Focus=-0.607
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.033 +0.677 -1.465
T123=8.0 8.4 9.8
ALT/AZ=76.0 -89.5
fwAVG=1.62
sdW=1177.3
fwW=1.62
sdS=1755.4
fwS=1.48
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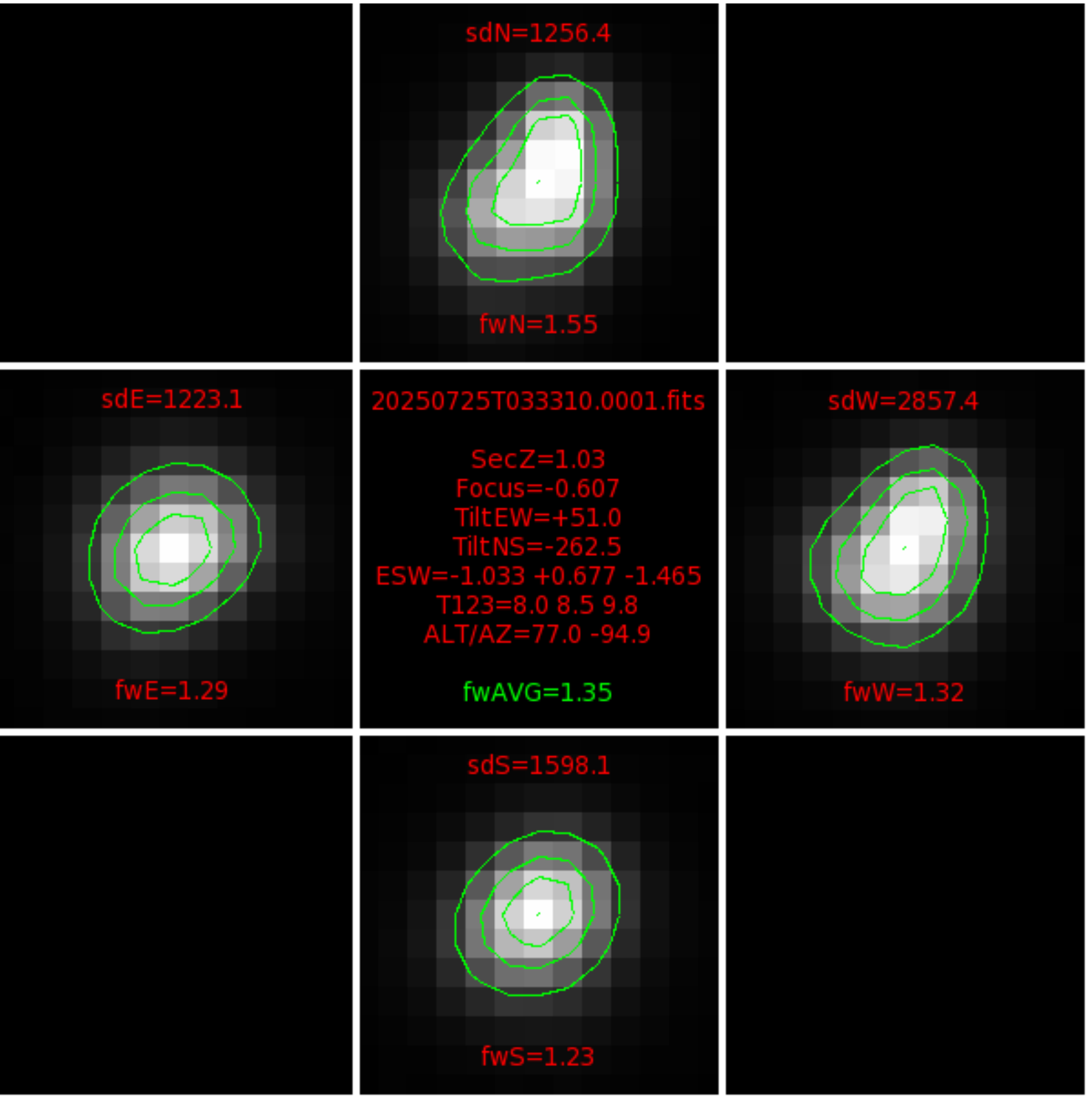
sdN=1256.4
fwN=1.55
sdE=1223.1
fwE=1.29
20250725T033310.0001.fits
SecZ=1.03
Focus=-0.607
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.033 +0.677 -1.465
T123=8.0 8.5 9.8
ALT/AZ=77.0 -94.9
fwAVG=1.35
sdW=2857.4
fwW=1.32
sdS=1598.1
fwS=1.23
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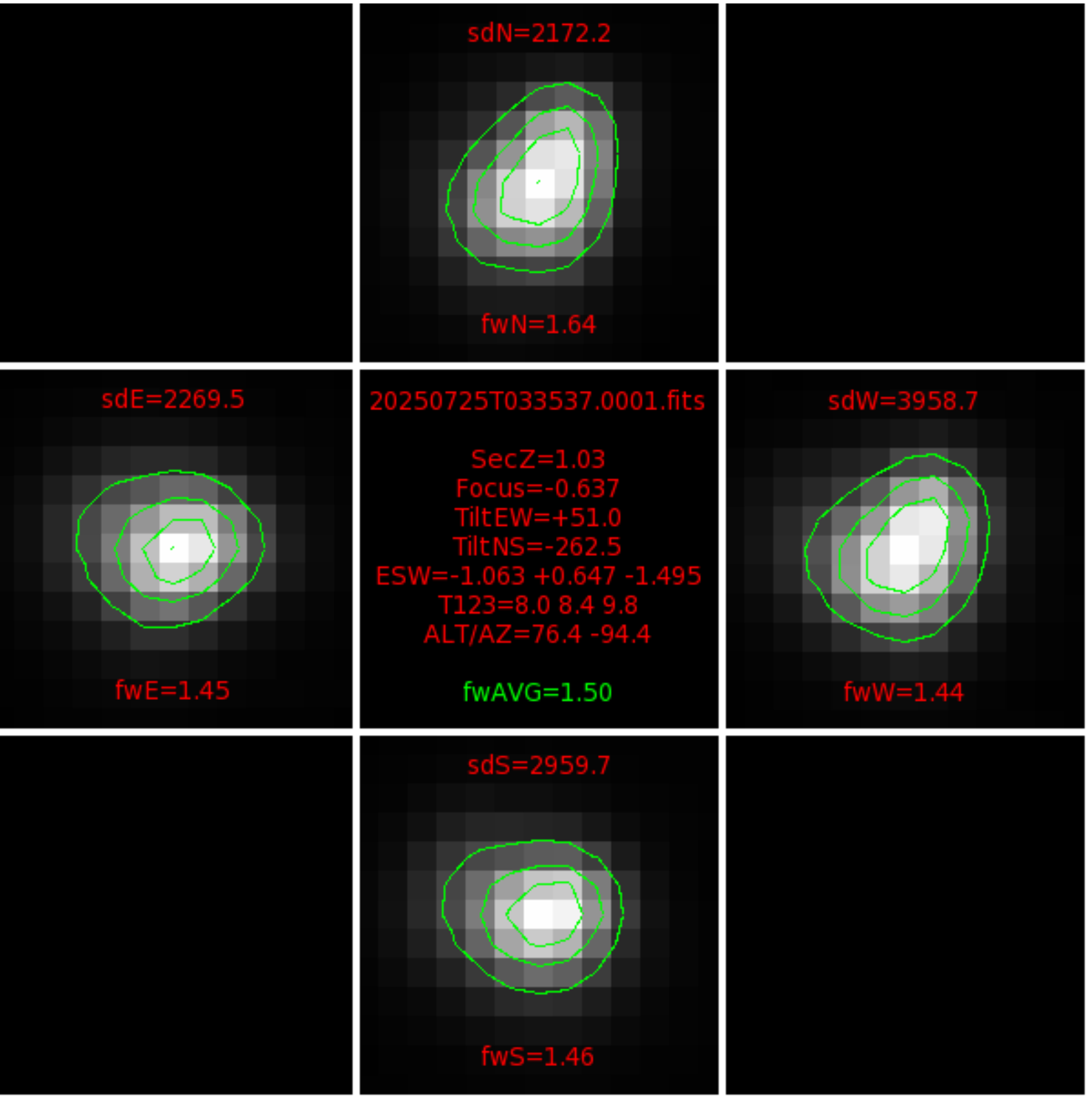
sdN=2172.2
fwN=1.64
sdE=2269.5
fwE=1.45
20250725T033537.0001.fits
SecZ=1.03
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=8.0 8.4 9.8
ALT/AZ=76.4 -94.4
fwAVG=1.50
sdW=3958.7
fwW=1.44
sdS=2959.7
fwS=1.46
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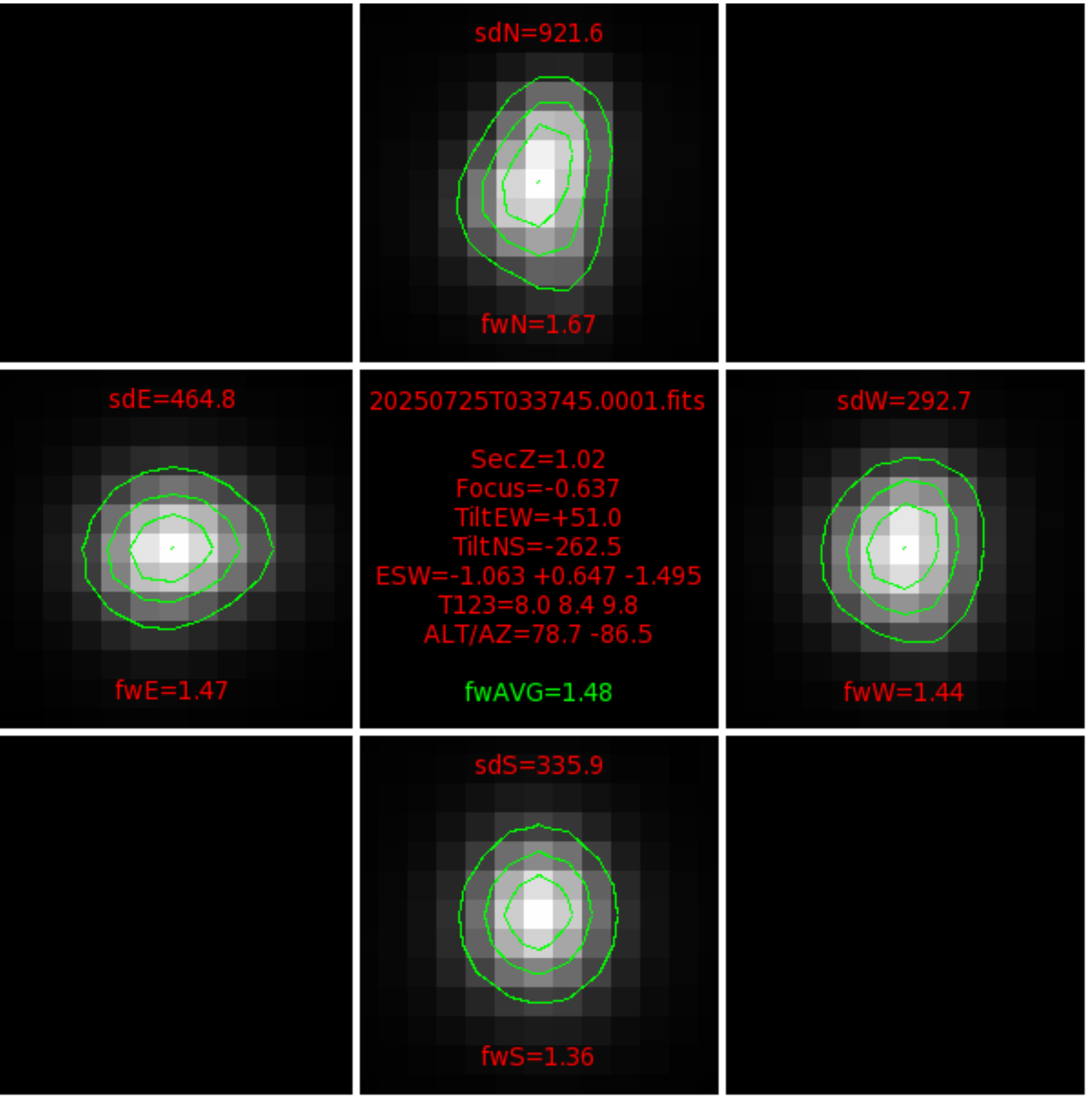
sdN=921.6
fwN=1.67
sdE=464.8
fwE=1.47
20250725T033745.0001.fits
SecZ=1.02
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=8.0 8.4 9.8
ALT/AZ=78.7 -86.5
fwAVG=1.48
sdW=292.7
fwW=1.44
sdS=335.9
fwS=1.36
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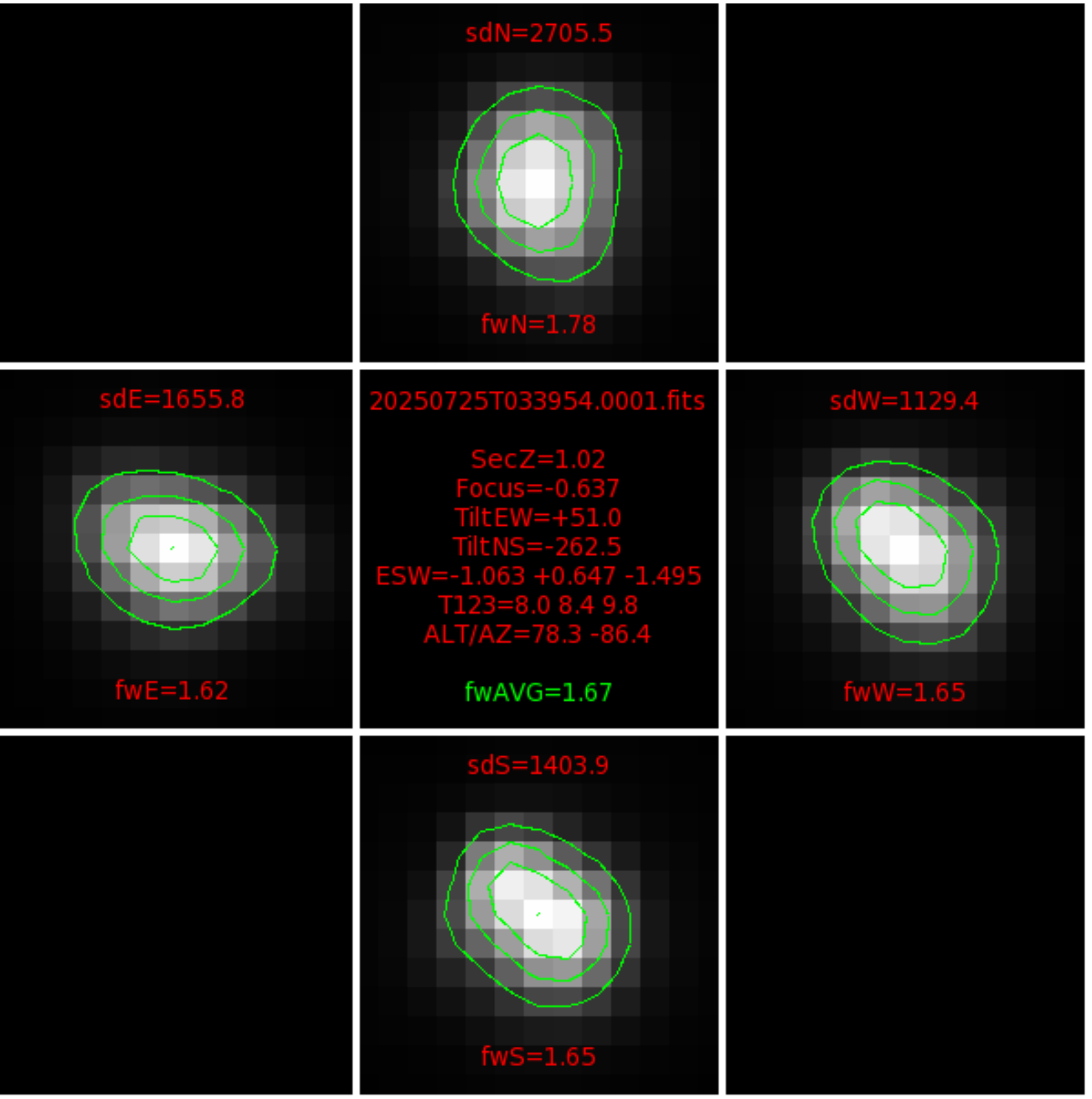
sdN=2705.5
fwN=1.78
sdE=1655.8
fwE=1.62
20250725T033954.0001.fits
SecZ=1.02
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=8.0 8.4 9.8
ALT/AZ=78.3 -86.4
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sdW=1129.4
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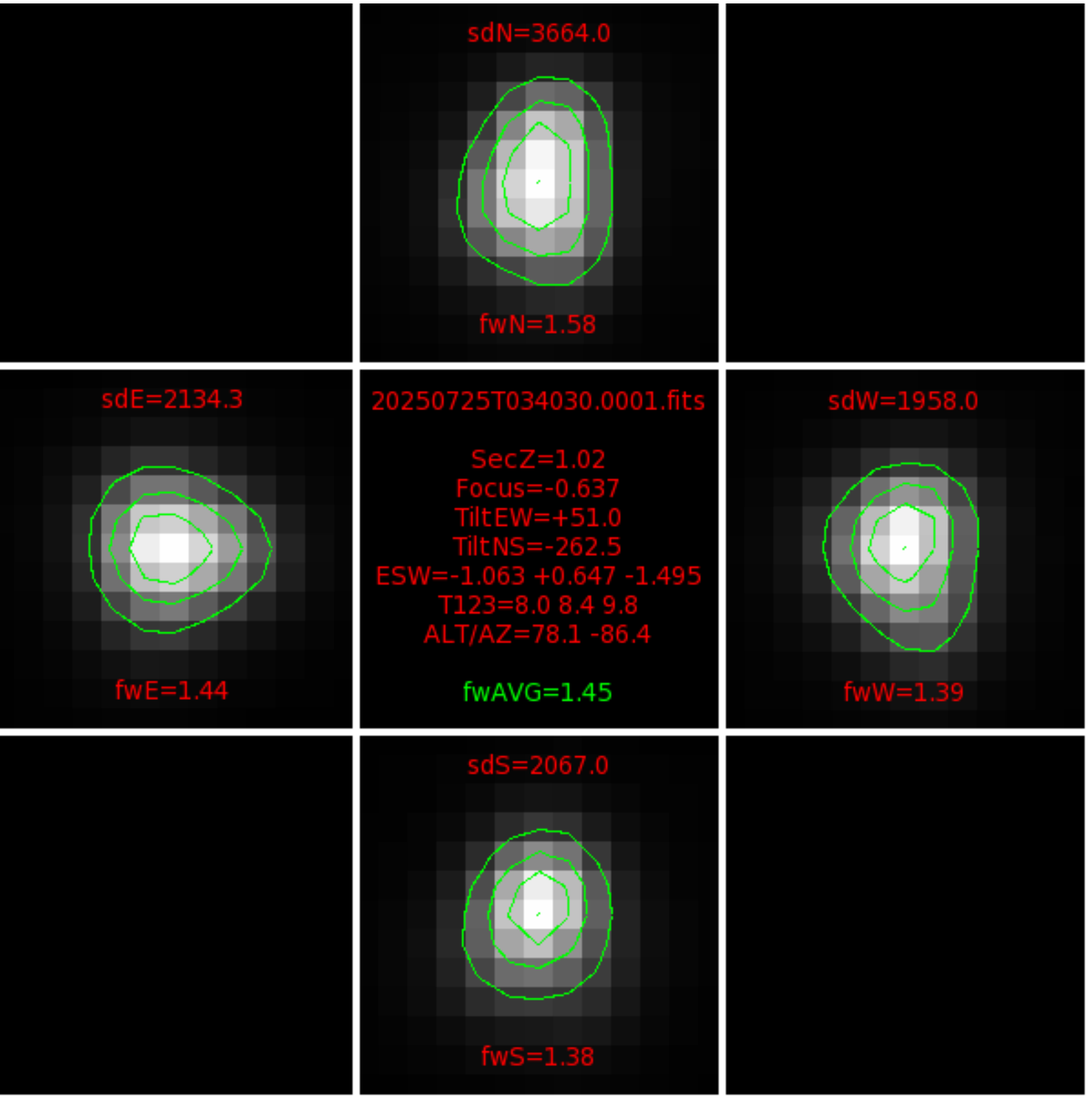
sdN=3664.0
fwN=1.58
sdE=2134.3
fwE=1.44
20250725T034030.0001.fits
SecZ=1.02
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=8.0 8.4 9.8
ALT/AZ=78.1 -86.4
fwAVG=1.45
sdW=1958.0
fwW=1.39
sdS=2067.0
fwS=1.38
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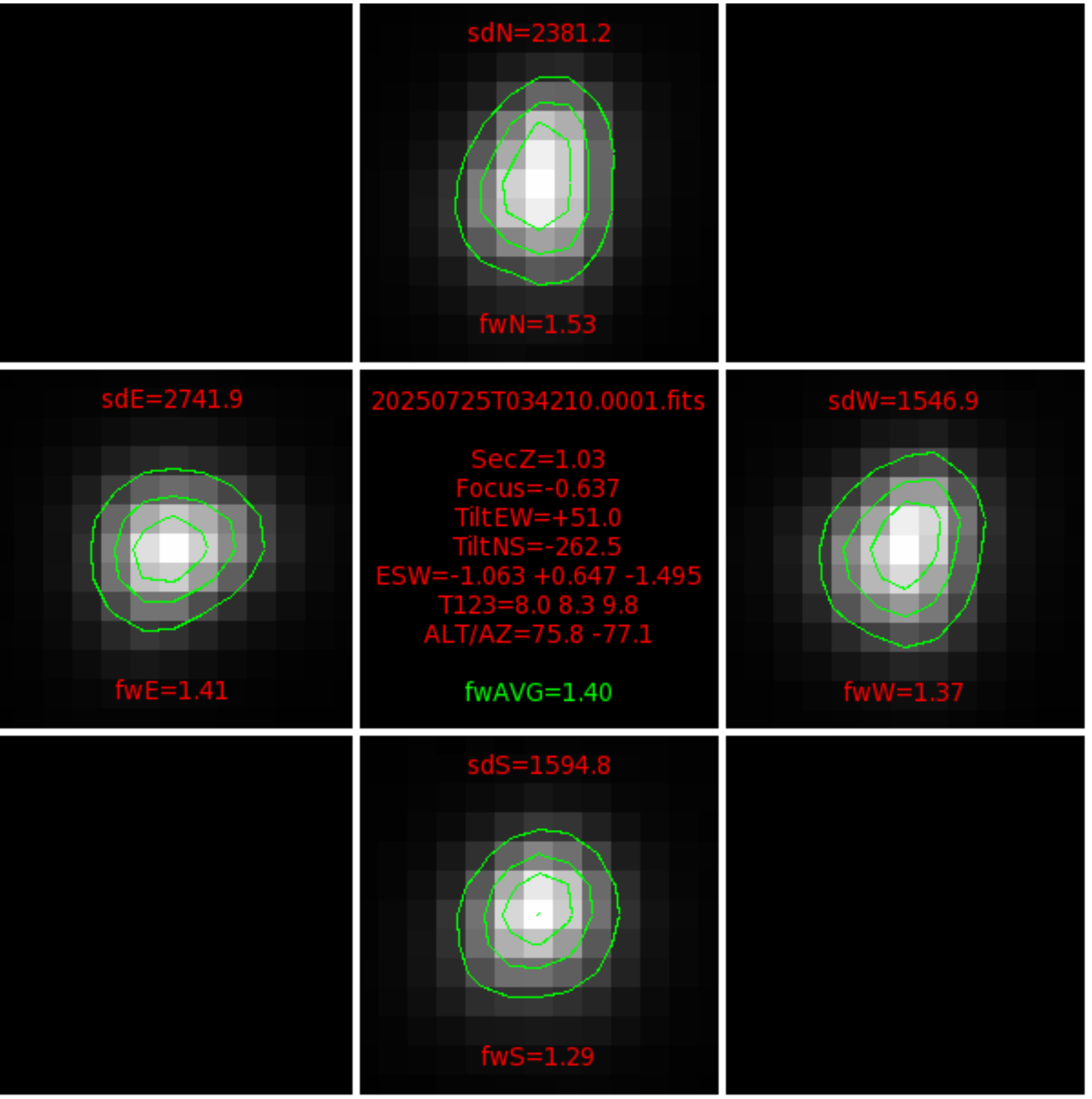
sdN=2381.2
fwN=1.53
sdE=2741.9
fwE=1.41
20250725T034210.0001.fits
SecZ=1.03
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=8.0 8.3 9.8
ALT/AZ=75.8 -77.1
fwAVG=1.40
sdW=1546.9
fwW=1.37
sdS=1594.8
fwS=1.29
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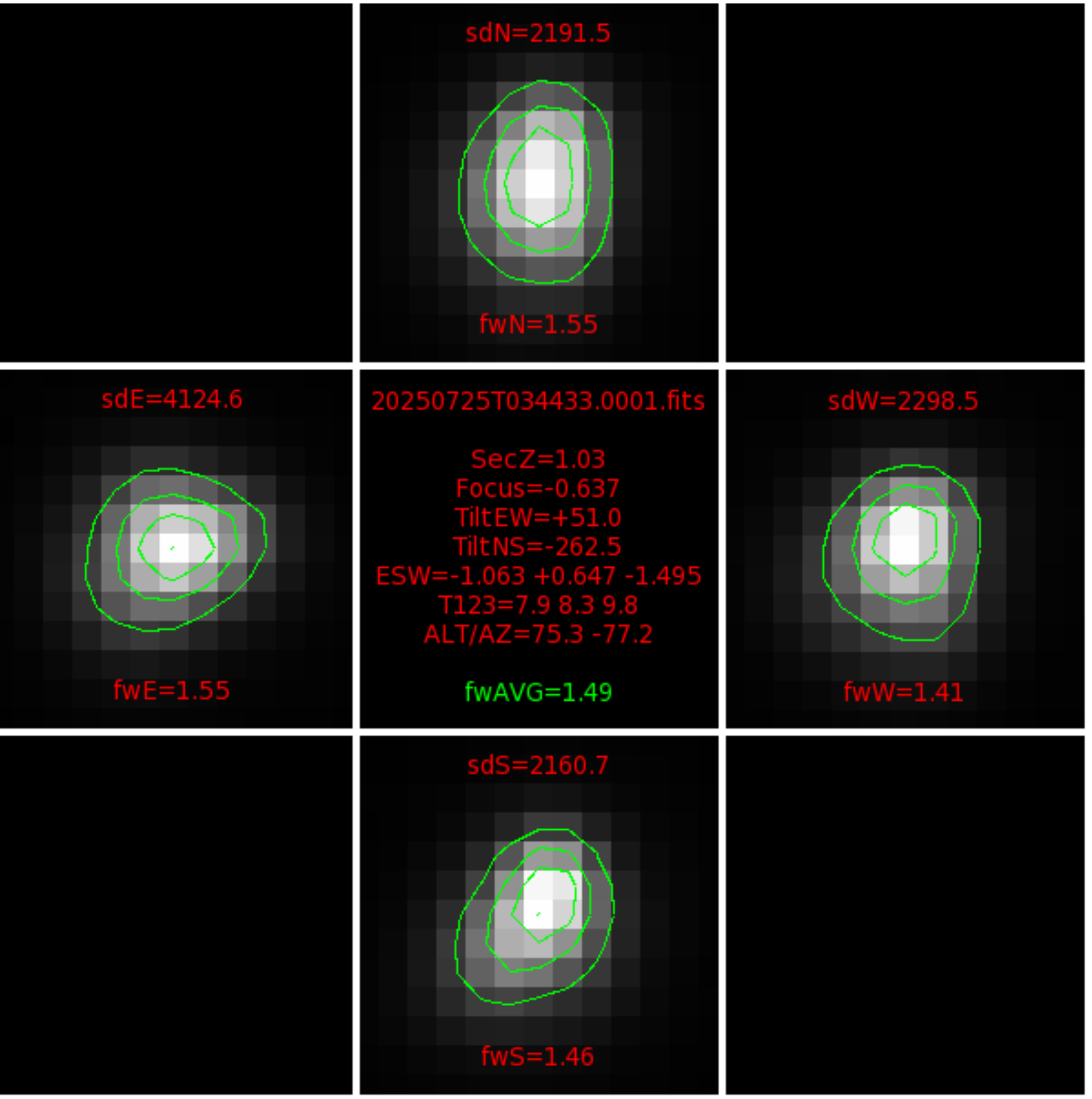
sdN=2191.5
fwN=1.55
sdE=4124.6
fwE=1.55
20250725T034433.0001.fits
SecZ=1.03
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=7.9 8.3 9.8
ALT/AZ=75.3 -77.2
fwAVG=1.49
sdW=2298.5
fwW=1.41
sdS=2160.7
fwS=1.46
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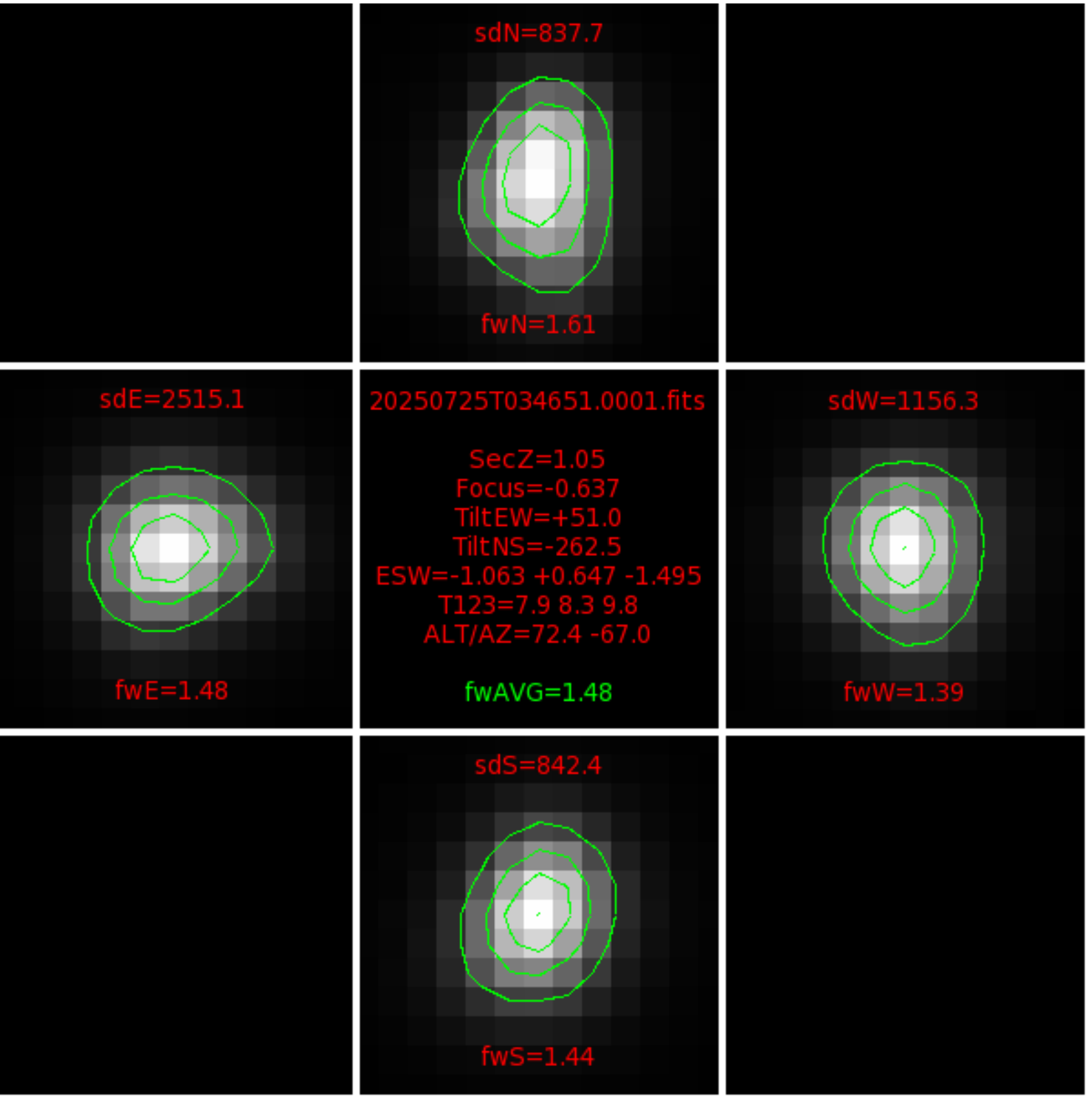
sdN=837.7
fwN=1.61
sdE=2515.1
fwE=1.48
20250725T034651.0001.fits
SecZ=1.05
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=7.9 8.3 9.8
ALT/AZ=72.4 -67.0
fwAVG=1.48
sdW=1156.3
fwW=1.39
sdS=842.4
fwS=1.44
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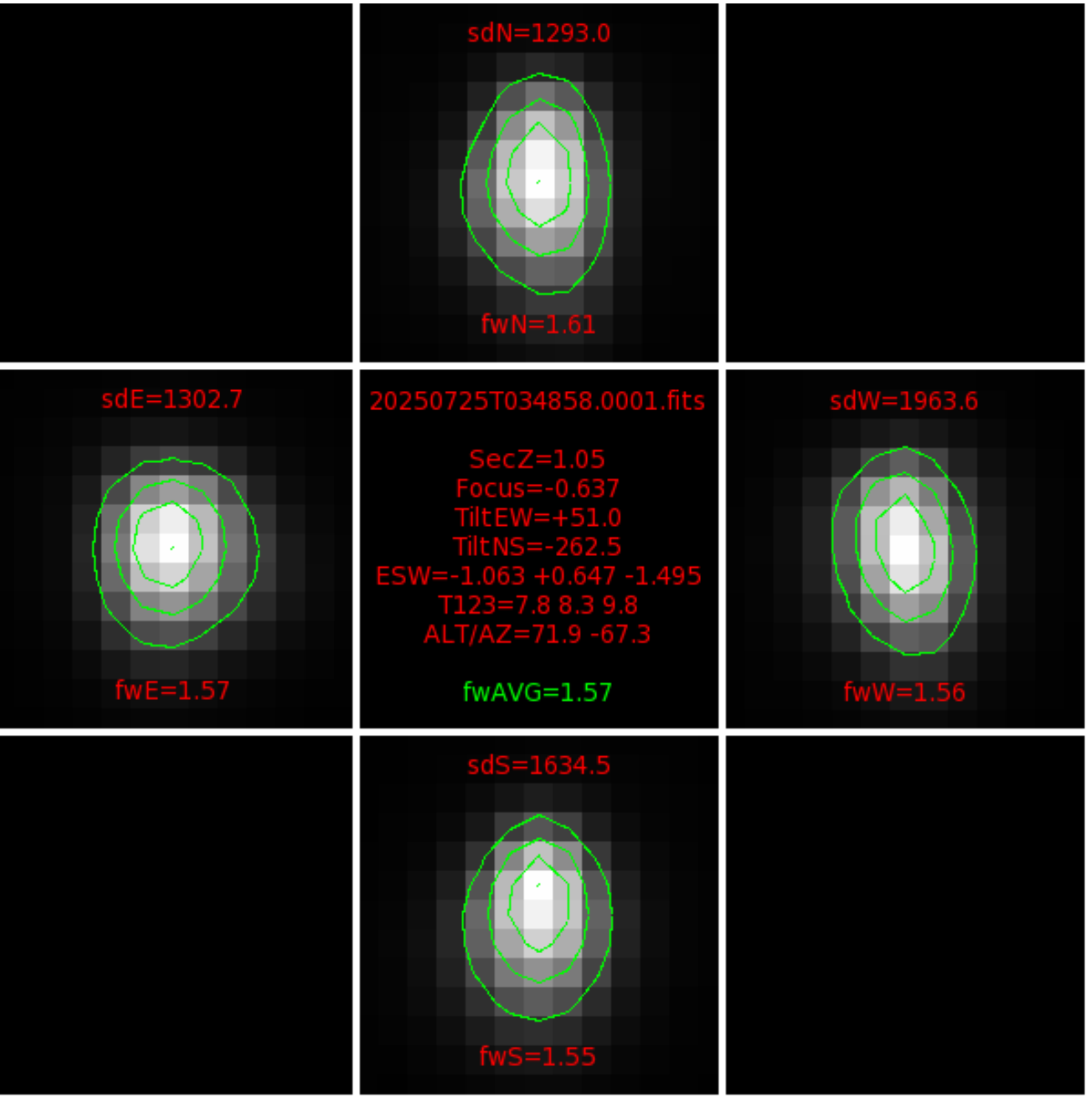
sdN=1293.0
fwN=1.61
sdE=1302.7
fwE=1.57
20250725T034858.0001.fits
SecZ=1.05
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=7.8 8.3 9.8
ALT/AZ=71.9 -67.3
fwAVG=1.57
sdW=1963.6
fwW=1.56
sdS=1634.5
fwS=1.55
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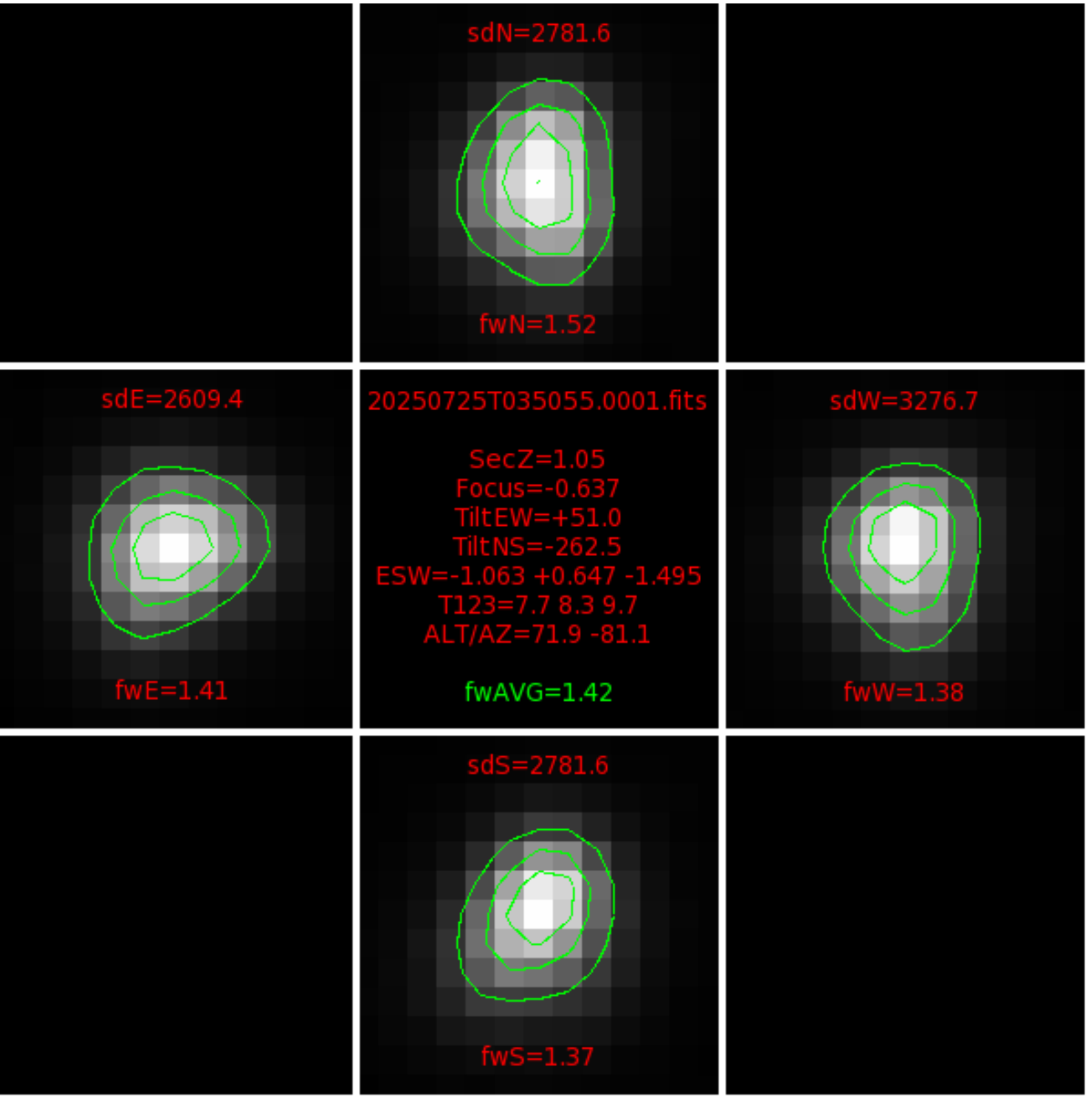
sdN=2781.6
fwN=1.52
sdE=2609.4
fwE=1.41
20250725T035055.0001.fits
SecZ=1.05
Focus=-0.637
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.063 +0.647 -1.495
T123=7.7 8.3 9.7
ALT/AZ=71.9 -81.1
fwAVG=1.42
sdW=3276.7
fwW=1.38
sdS=2781.6
fwS=1.37
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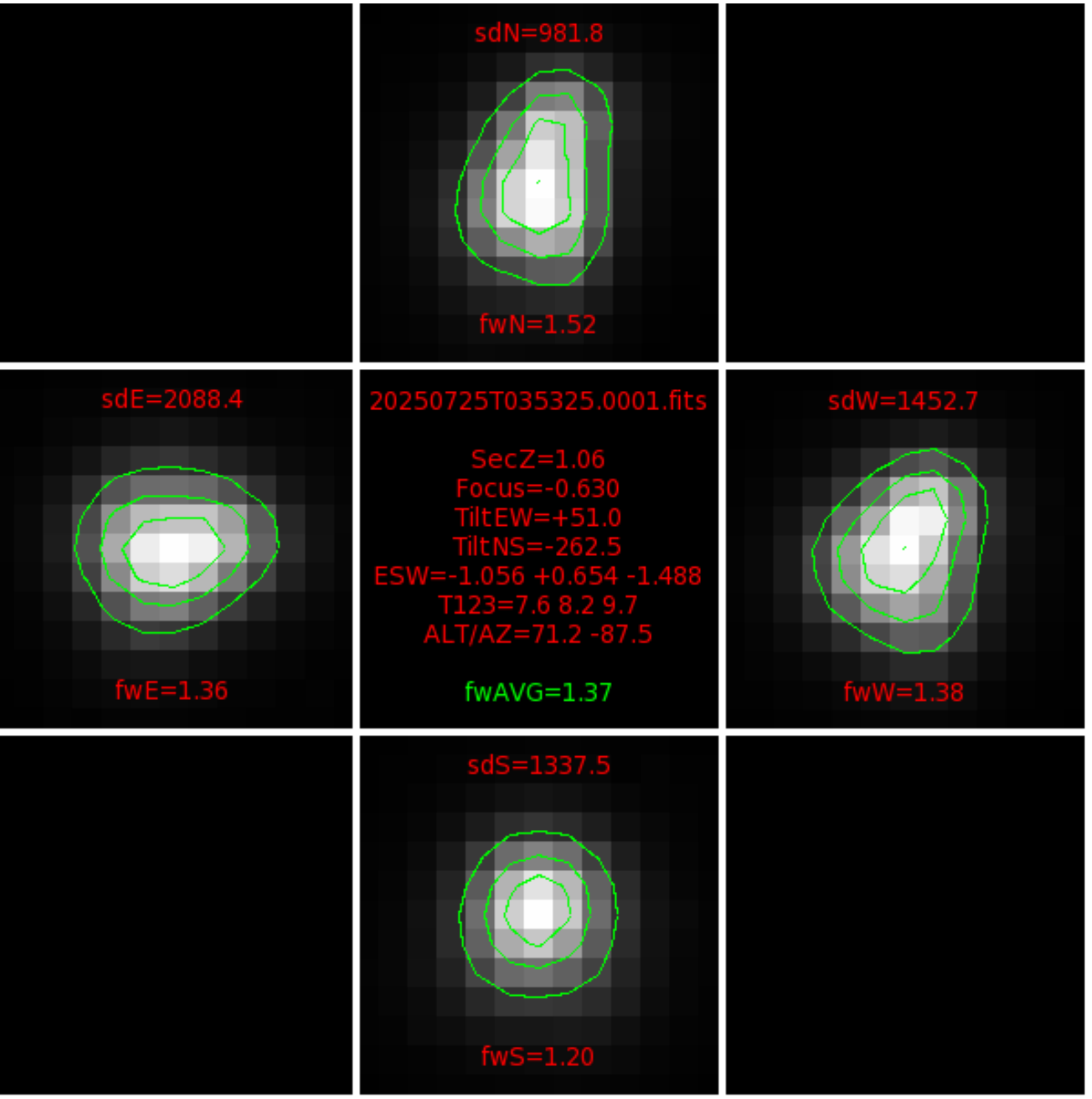
sdN=981.8
fwN=1.52
sdE=2088.4
fwE=1.36
20250725T035325.0001.fits
SecZ=1.06
Focus=-0.630
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.056 +0.654 -1.488
T123=7.6 8.2 9.7
ALT/AZ=71.2 -87.5
fwAVG=1.37
sdW=1452.7
fwW=1.38
sdS=1337.5
fwS=1.20
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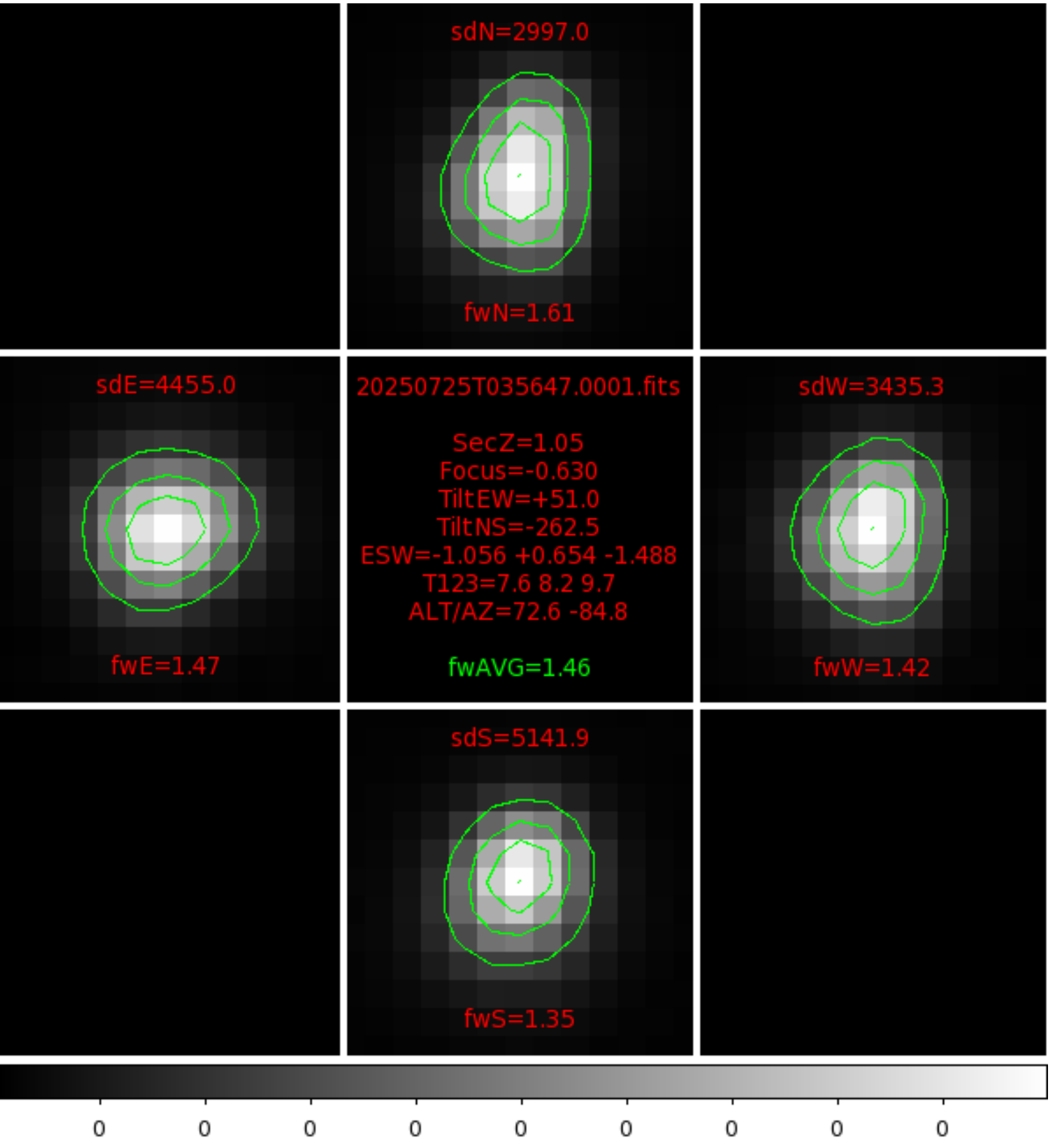
sdN=2997.0
fwN=1.61
sdE=4455.0
fwE=1.47
20250725T035647.0001.fits
SecZ=1.05
Focus=-0.630
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.056 +0.654 -1.488
T123=7.6 8.2 9.7
ALT/AZ=72.6 -84.8
fwAVG=1.46
sdW=3435.3
fwW=1.42
sdS=5141.9
fwS=1.35
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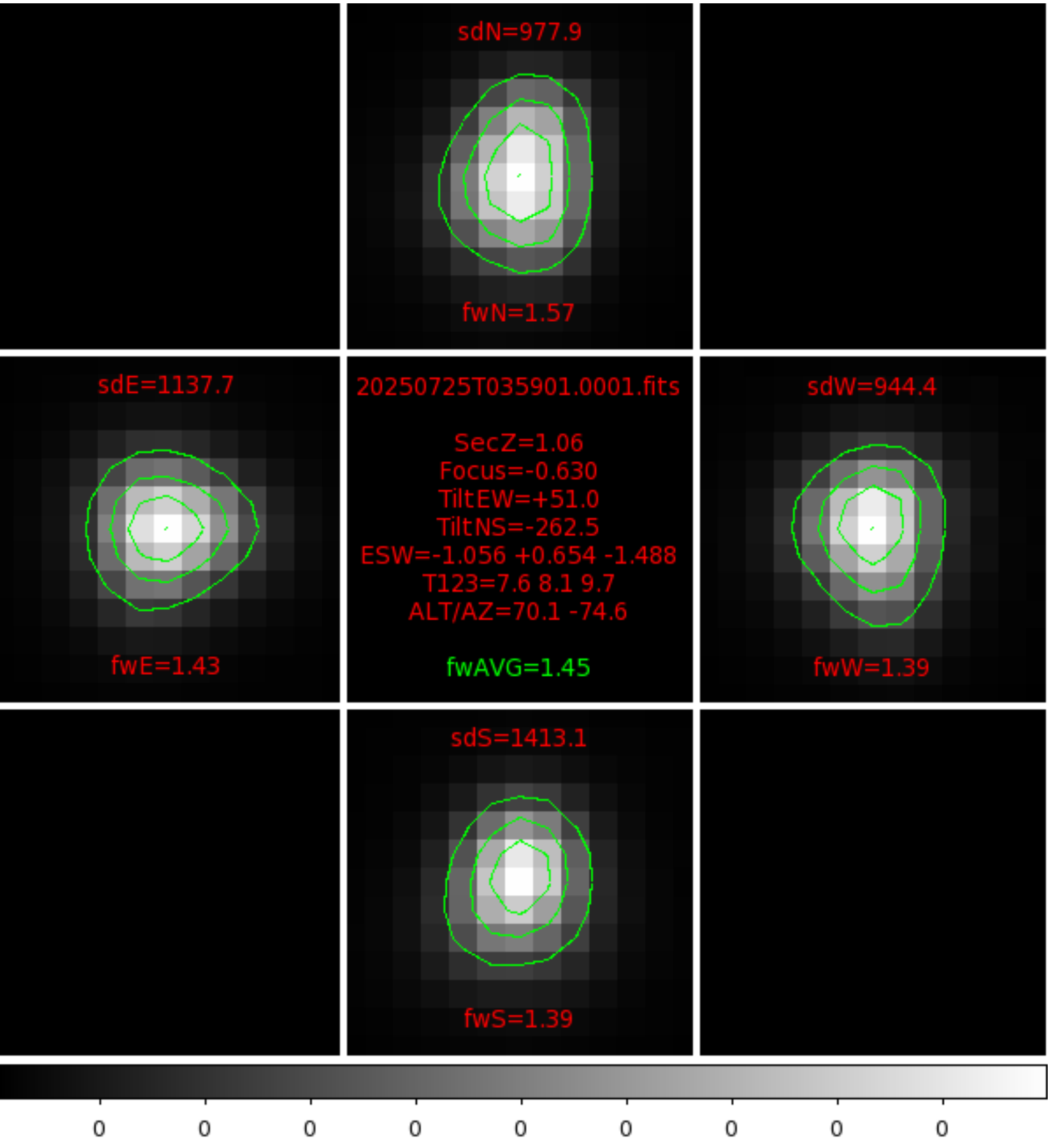
sdN=977.9
fwN=1.57
sdE=1137.7
fwE=1.43
20250725T035901.0001.fits
SecZ=1.06
Focus=-0.630
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.056 +0.654 -1.488
T123=7.6 8.1 9.7
ALT/AZ=70.1 -74.6
fwAVG=1.45
sdW=944.4
fwW=1.39
sdS=1413.1
fwS=1.39
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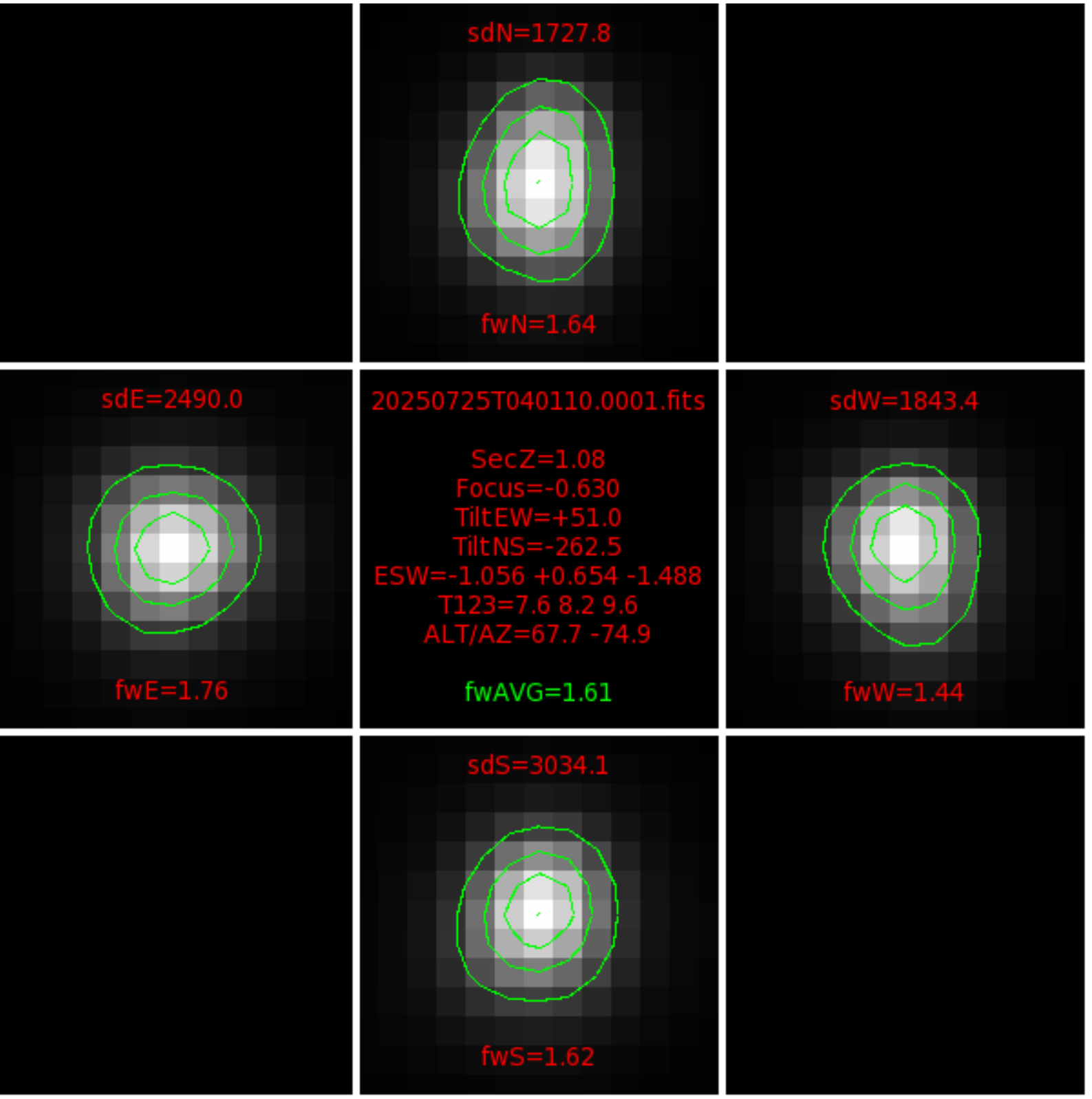
sdN=1727.8
fwN=1.64
sdE=2490.0
fwE=1.76
20250725T040110.0001.fits
SecZ=1.08
Focus=-0.630
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.056 +0.654 -1.488
T123=7.6 8.2 9.6
ALT/AZ=67.7 -74.9
fwAVG=1.61
sdW=1843.4
fwW=1.44
sdS=3034.1
fwS=1.62
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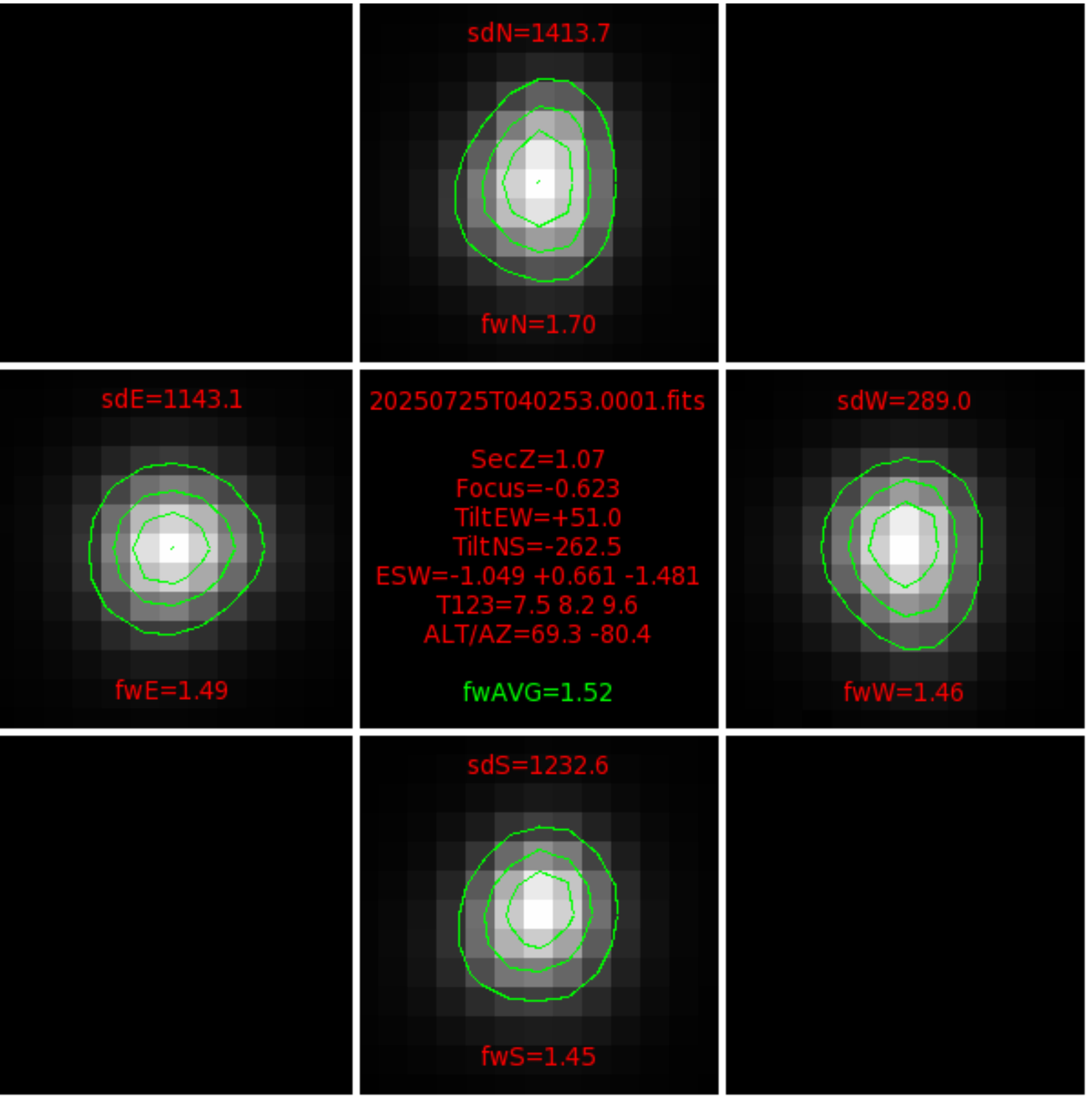
sdN=1413.7
fwN=1.70
sdE=1143.1
fwE=1.49
20250725T040253.0001.fits
SecZ=1.07
Focus=-0.623
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.049 +0.661 -1.481
T123=7.5 8.2 9.6
ALT/AZ=69.3 -80.4
fwAVG=1.52
sdW=289.0
fwW=1.46
sdS=1232.6
fwS=1.45
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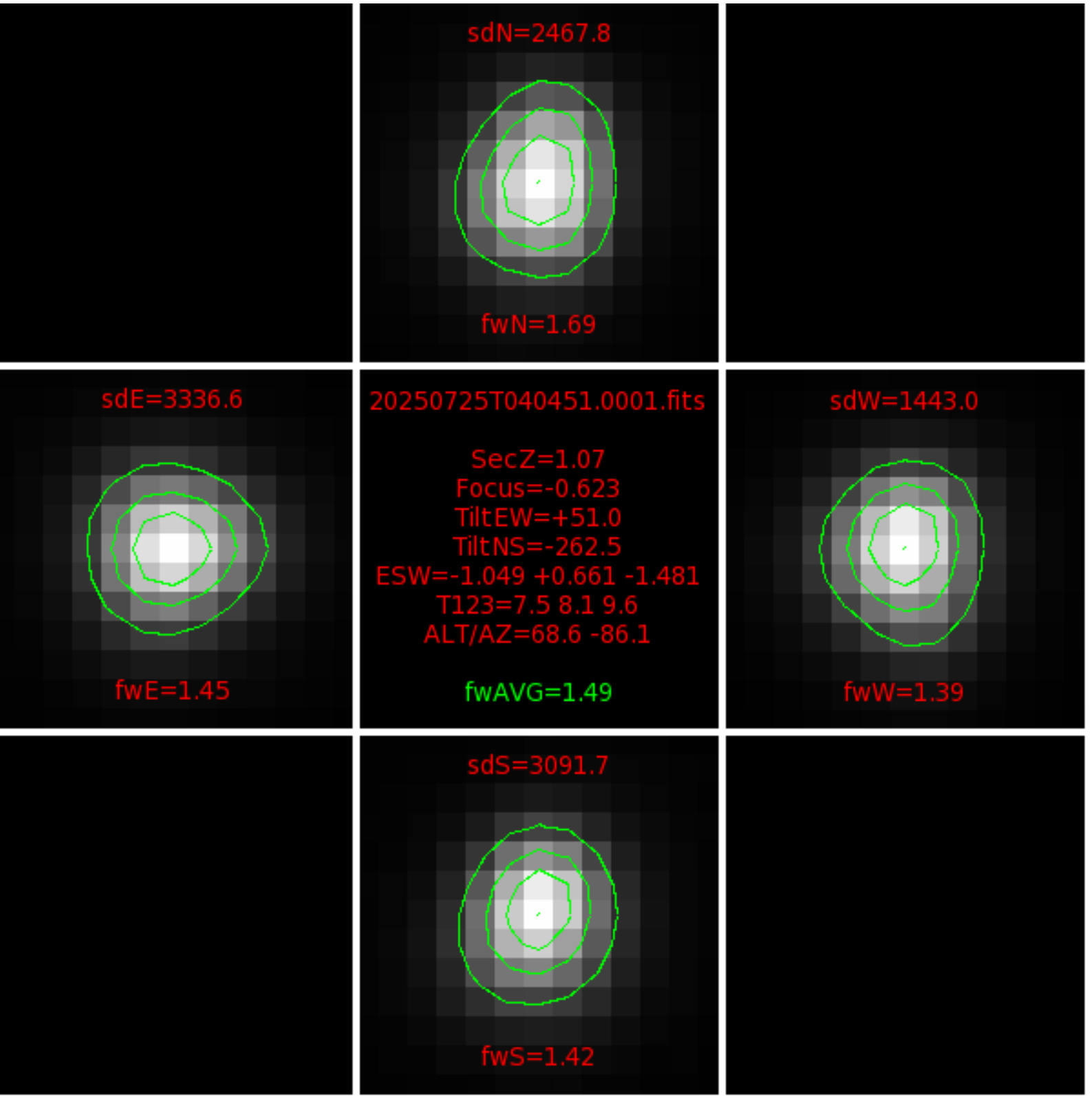
sdN=2467.8
fwN=1.69
sdE=3336.6
fwE=1.45
20250725T040451.0001.fits
SecZ=1.07
Focus=-0.623
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.049 +0.661 -1.481
T123=7.5 8.1 9.6
ALT/AZ=68.6 -86.1
fwAVG=1.49
sdW=1443.0
fwW=1.39
sdS=3091.7
fwS=1.42
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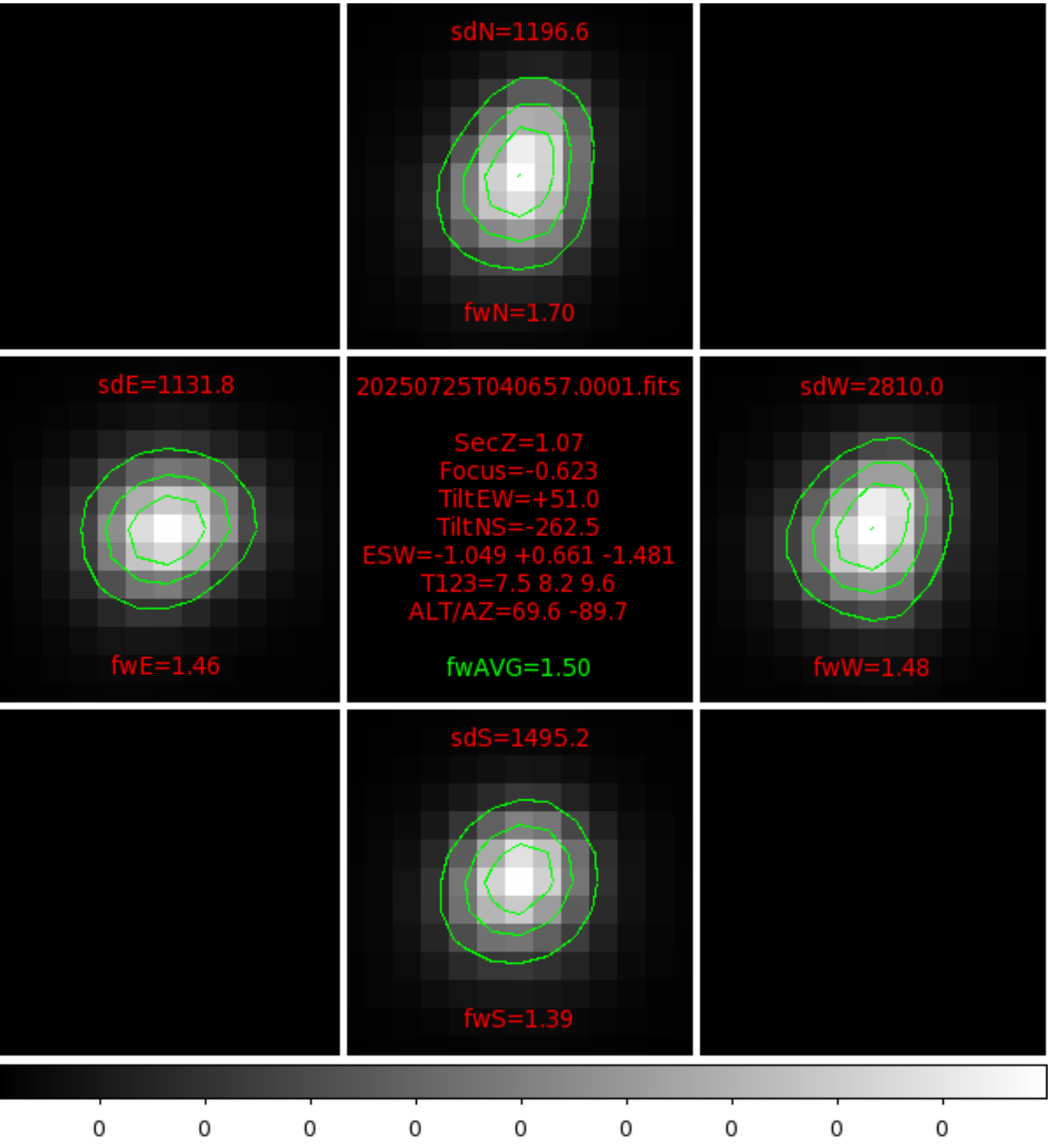
sdN=1196.6
fwN=1.70
sdE=1131.8
fwE=1.46
20250725T040657.0001.fits
SecZ=1.07
Focus=-0.623
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.049 +0.661 -1.481
T123=7.5 8.2 9.6
ALT/AZ=69.6 -89.7
fwAVG=1.50
sdW=2810.0
fwW=1.48
sdS=1495.2
fwS=1.39
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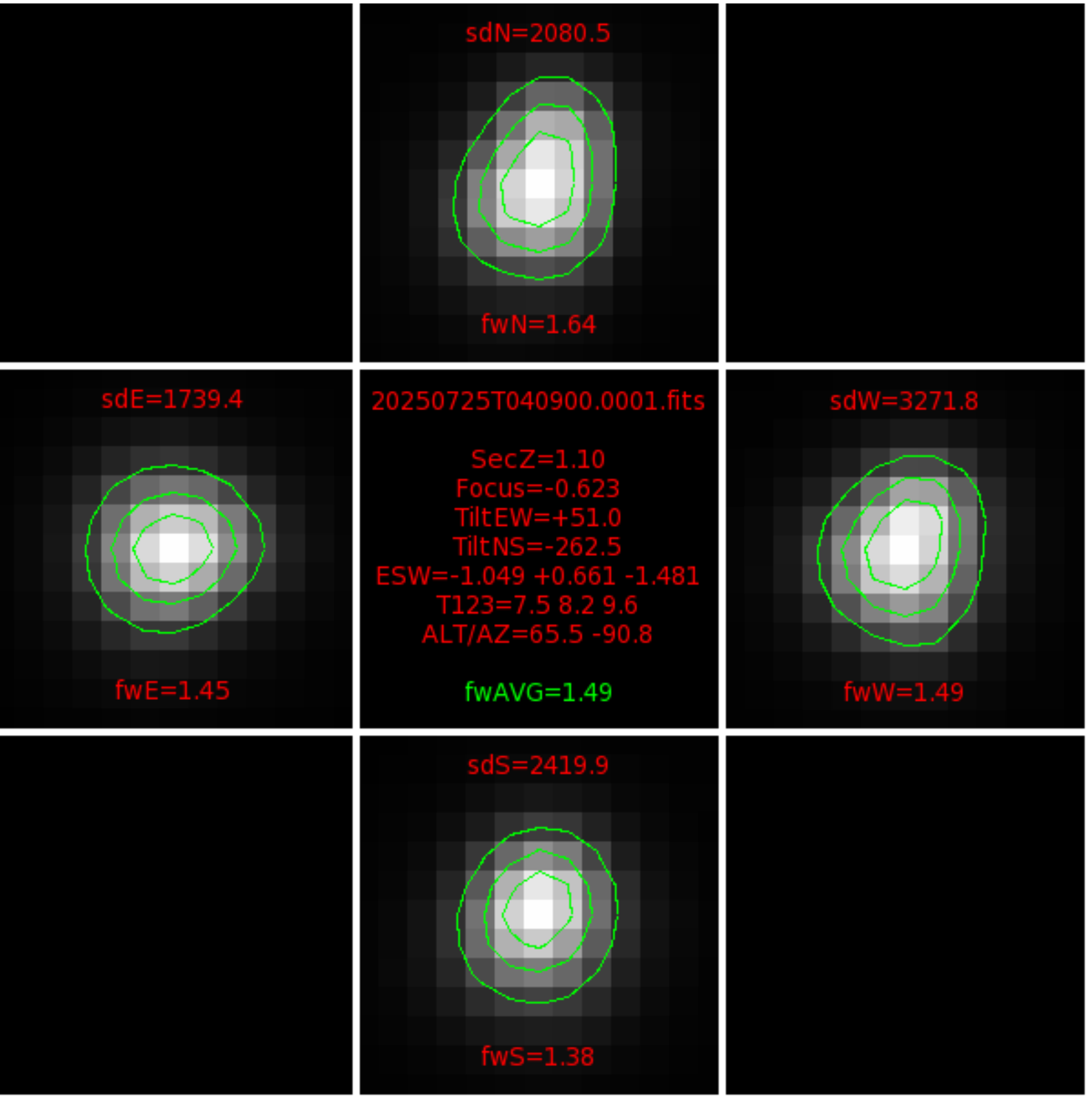
sdN=2080.5
fwN=1.64
sdE=1739.4
fwE=1.45
20250725T040900.0001.fits
SecZ=1.10
Focus=-0.623
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.049 +0.661 -1.481
T123=7.5 8.2 9.6
ALT/AZ=65.5 -90.8
fwAVG=1.49
sdW=3271.8
fwW=1.49
sdS=2419.9
fwS=1.38
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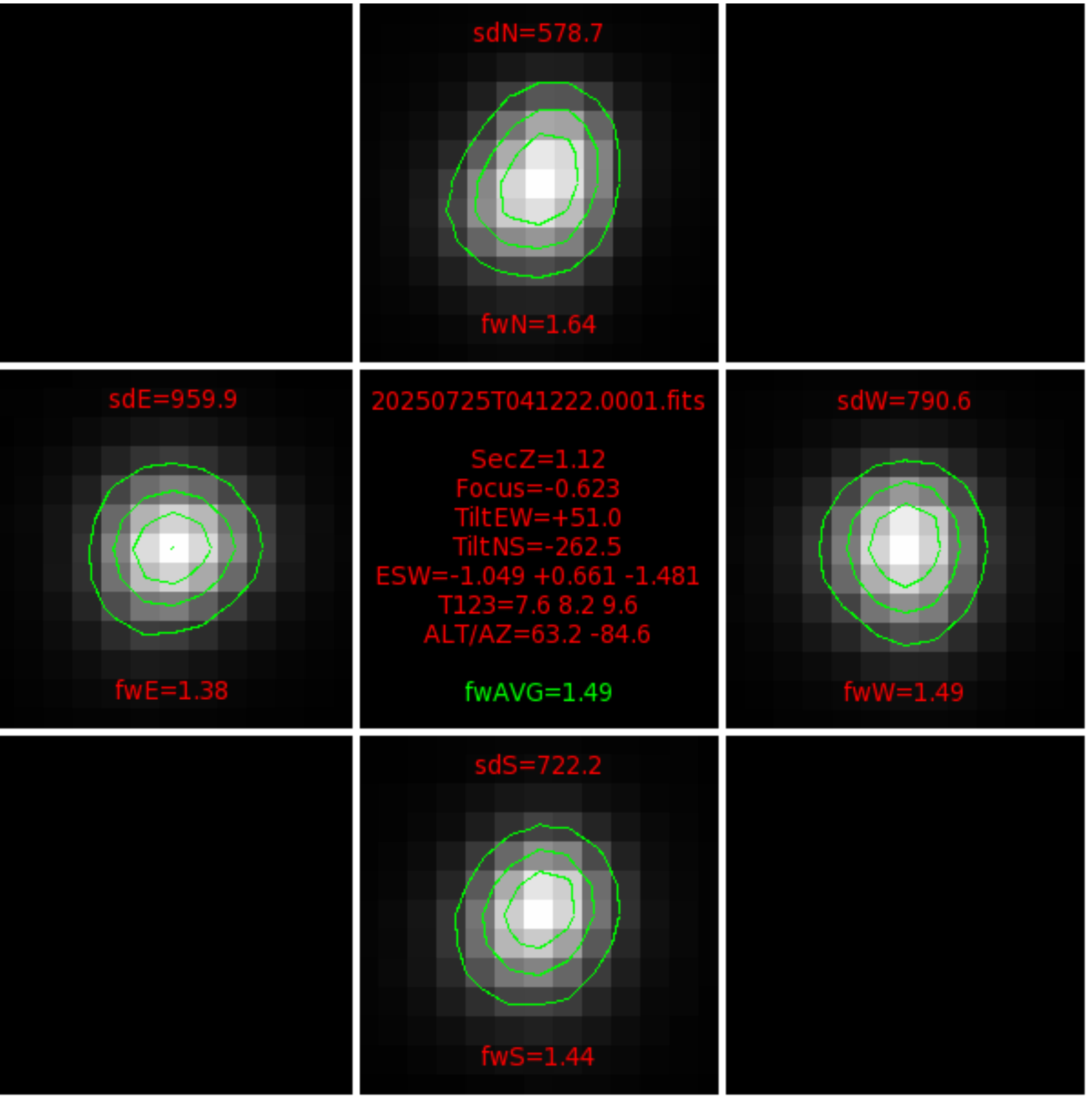
sdN=578.7
fwN=1.64
sdE=959.9
fwE=1.38
20250725T041222.0001.fits
SecZ=1.12
Focus=-0.623
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.049 +0.661 -1.481
T123=7.6 8.2 9.6
ALT/AZ=63.2 -84.6
fwAVG=1.49
sdW=790.6
fwW=1.49
sdS=722.2
fwS=1.44
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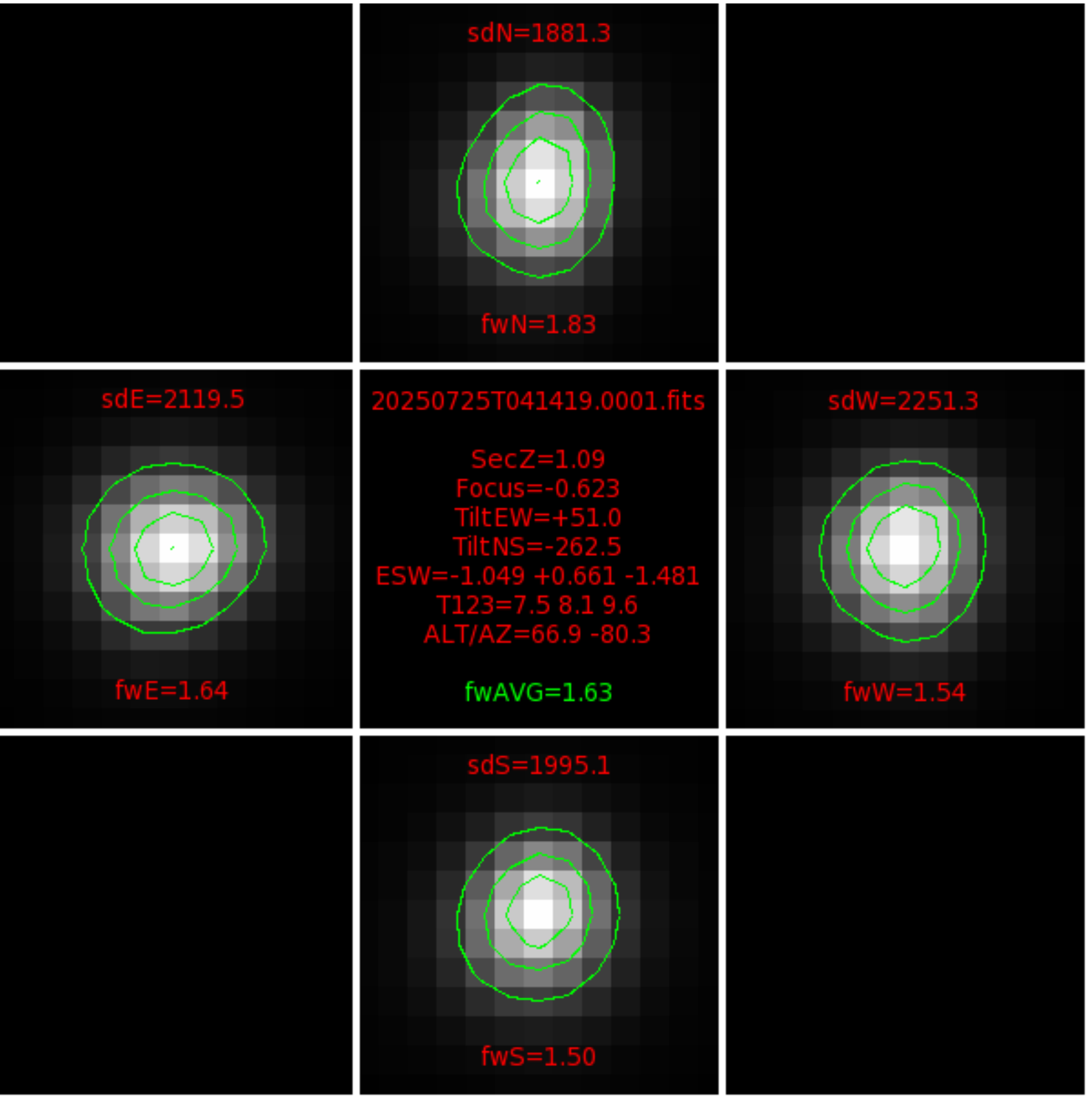
sdN=1881.3
fwN=1.83
sdE=2119.5
fwE=1.64
20250725T041419.0001.fits
SecZ=1.09
Focus=-0.623
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.049 +0.661 -1.481
T123=7.5 8.1 9.6
ALT/AZ=66.9 -80.3
fwAVG=1.63
sdW=2251.3
fwW=1.54
sdS=1995.1
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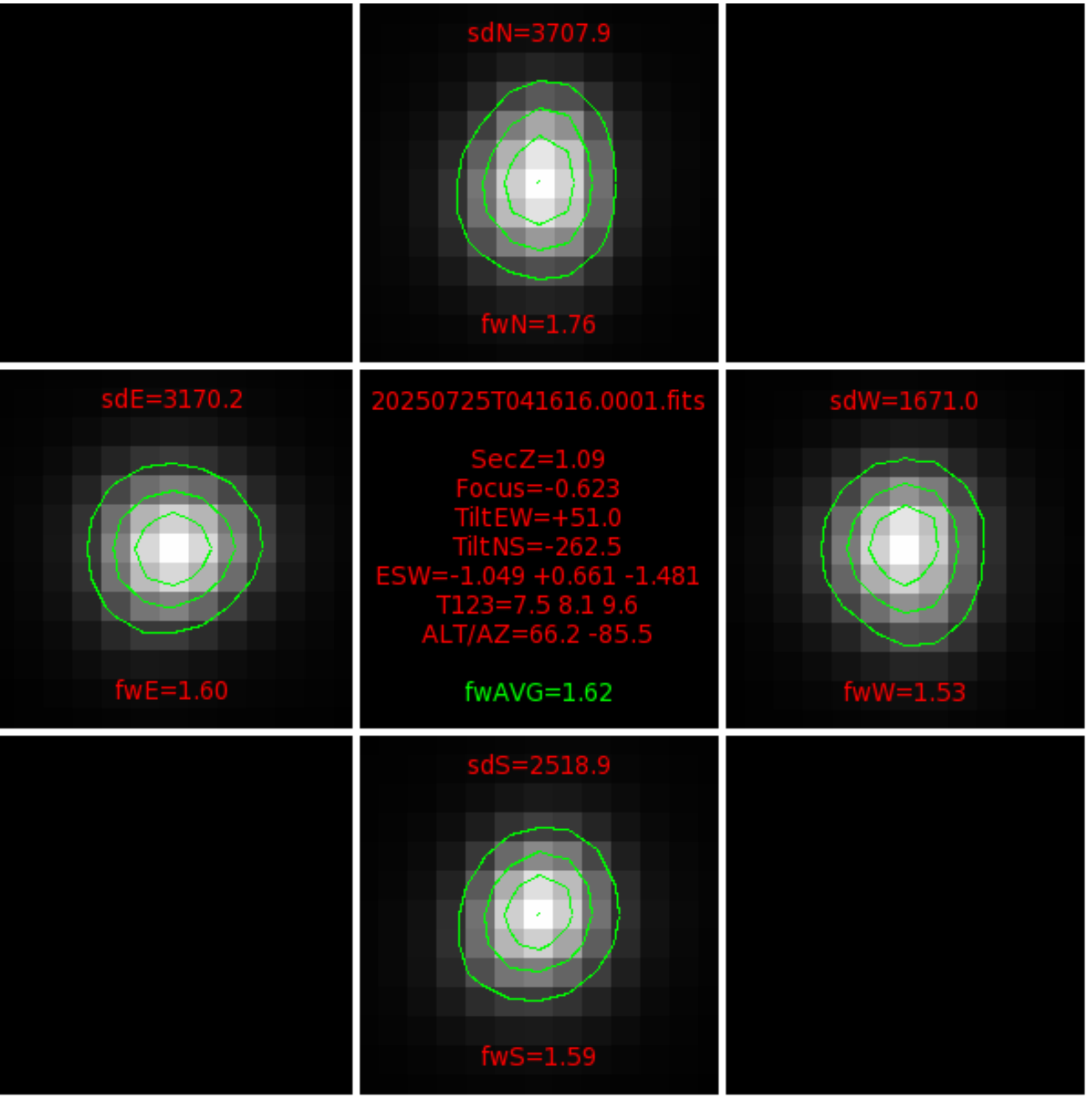
sdN=3707.9
fwN=1.76
sdE=3170.2
fwE=1.60
20250725T041616.0001.fits
SecZ=1.09
Focus=-0.623
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.049 +0.661 -1.481
T123=7.5 8.1 9.6
ALT/AZ=66.2 -85.5
fwAVG=1.62
sdW=1671.0
fwW=1.53
sdS=2518.9
fwS=1.59
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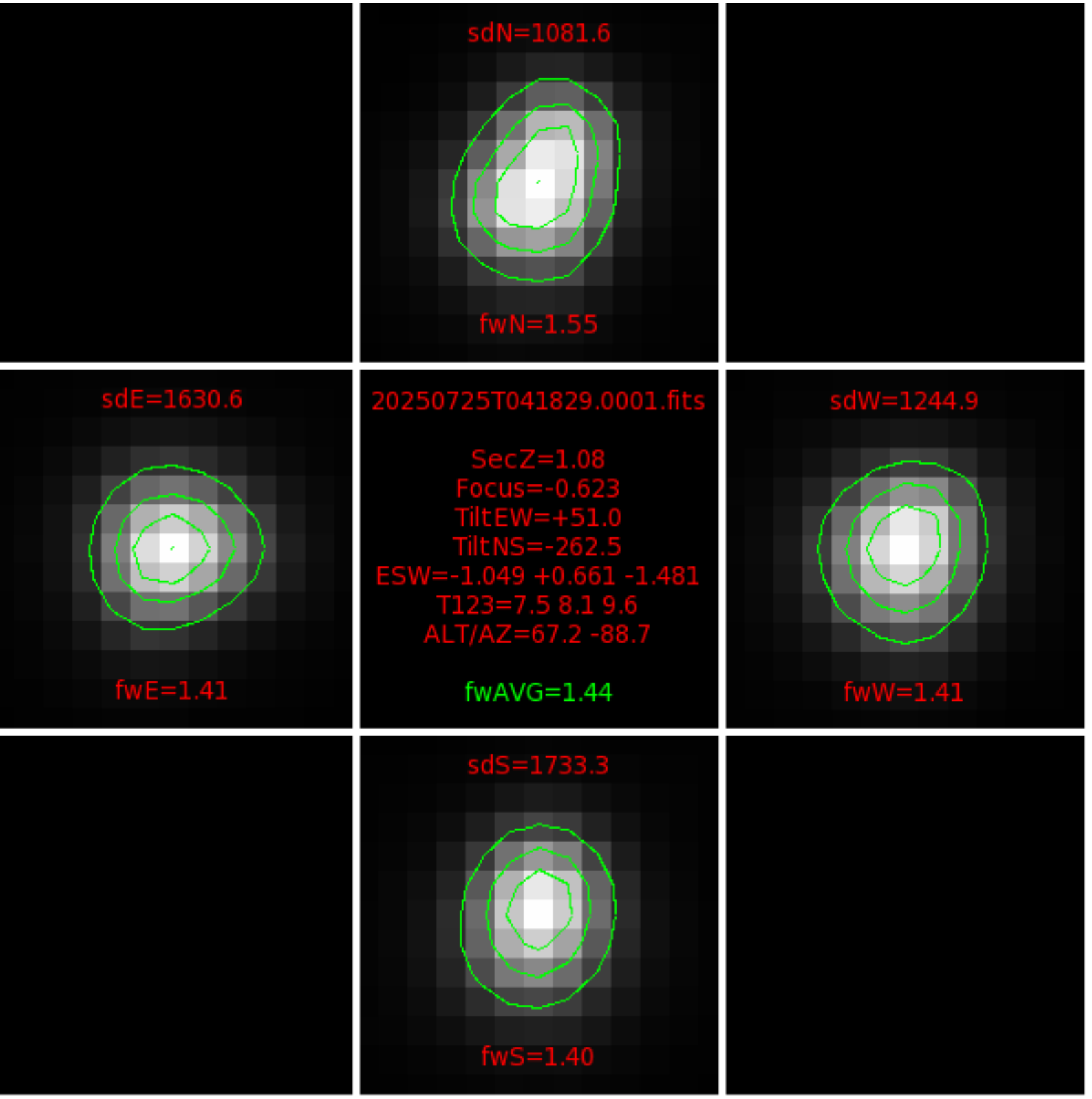
sdN=1081.6
fwN=1.55
sdE=1630.6
fwE=1.41
20250725T041829.0001.fits
SecZ=1.08
Focus=-0.623
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.049 +0.661 -1.481
T123=7.5 8.1 9.6
ALT/AZ=67.2 -88.7
fwAVG=1.44
sdW=1244.9
fwW=1.41
sdS=1733.3
fwS=1.40
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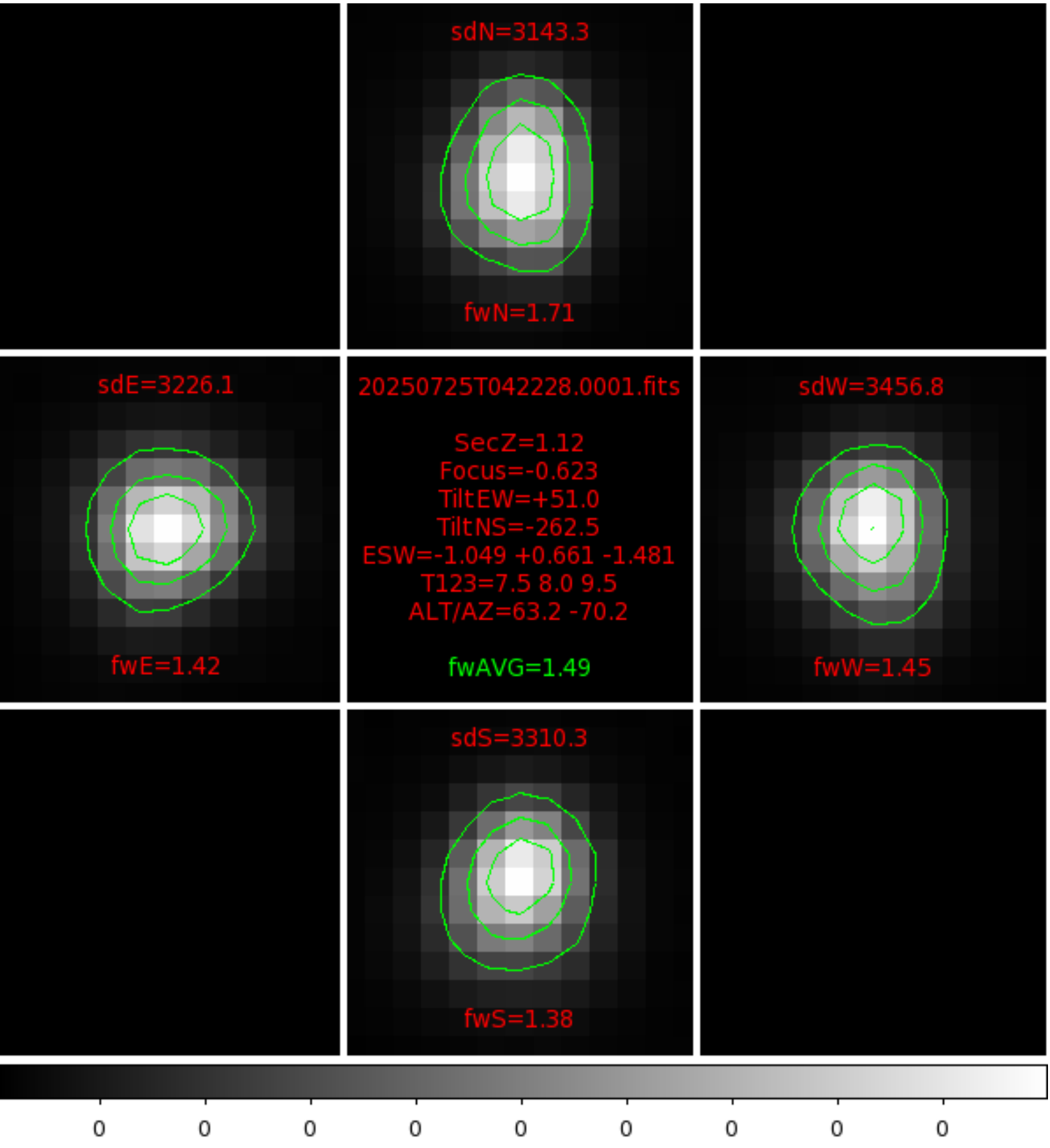
sdN=3143.3
fwN=1.71
sdE=3226.1
fwE=1.42
20250725T042228.0001.fits
SecZ=1.12
Focus=-0.623
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.049 +0.661 -1.481
T123=7.5 8.0 9.5
ALT/AZ=63.2 -70.2
fwAVG=1.49
sdW=3456.8
fwW=1.45
sdS=3310.3
fwS=1.38
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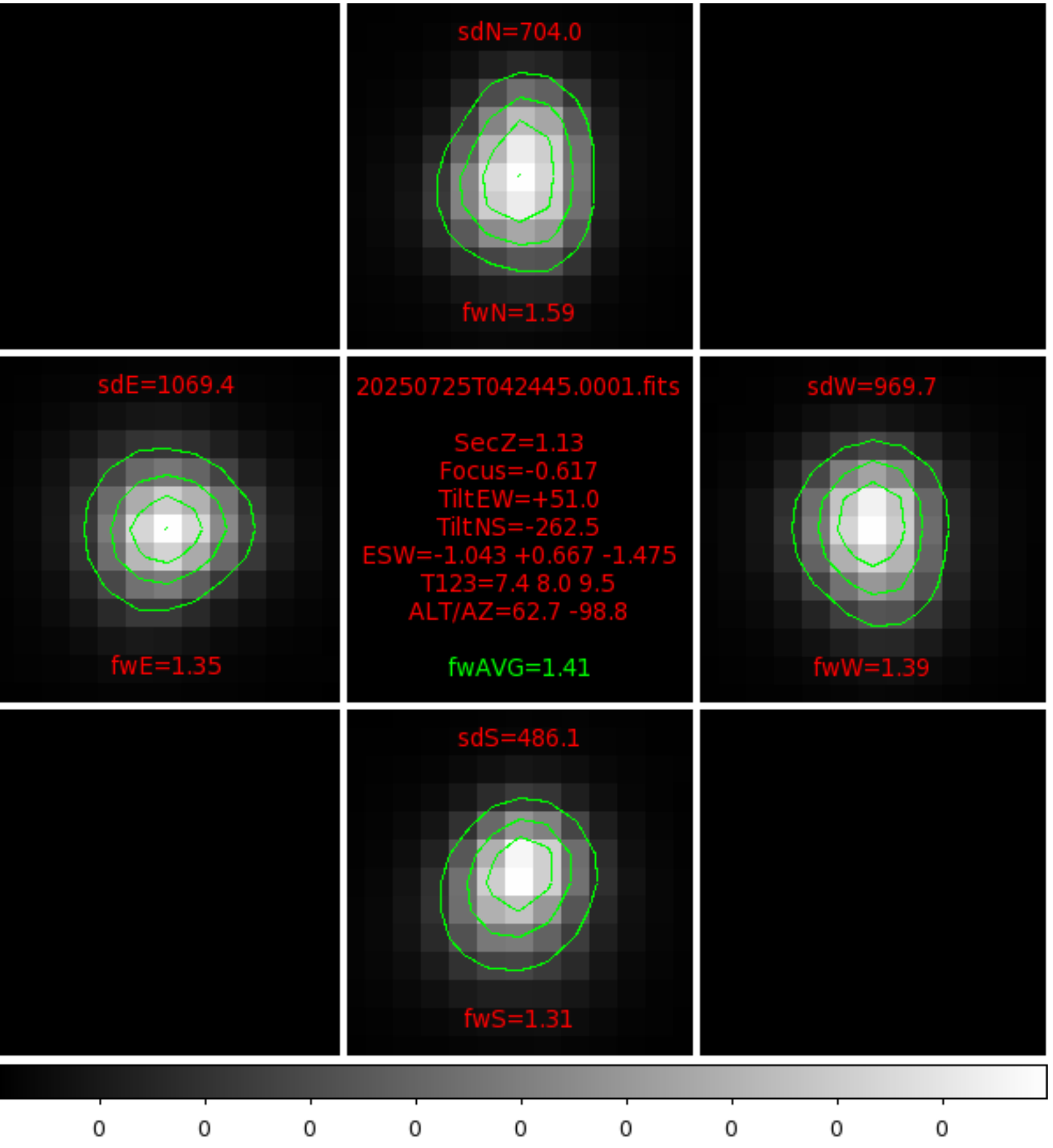
sdN=704.0
fwN=1.59
sdE=1069.4
fwE=1.35
20250725T042445.0001.fits
SecZ=1.13
Focus=-0.617
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.043 +0.667 -1.475
T123=7.4 8.0 9.5
ALT/AZ=62.7 -98.8
fwAVG=1.41
sdW=969.7
fwW=1.39
sdS=486.1
fwS=1.31
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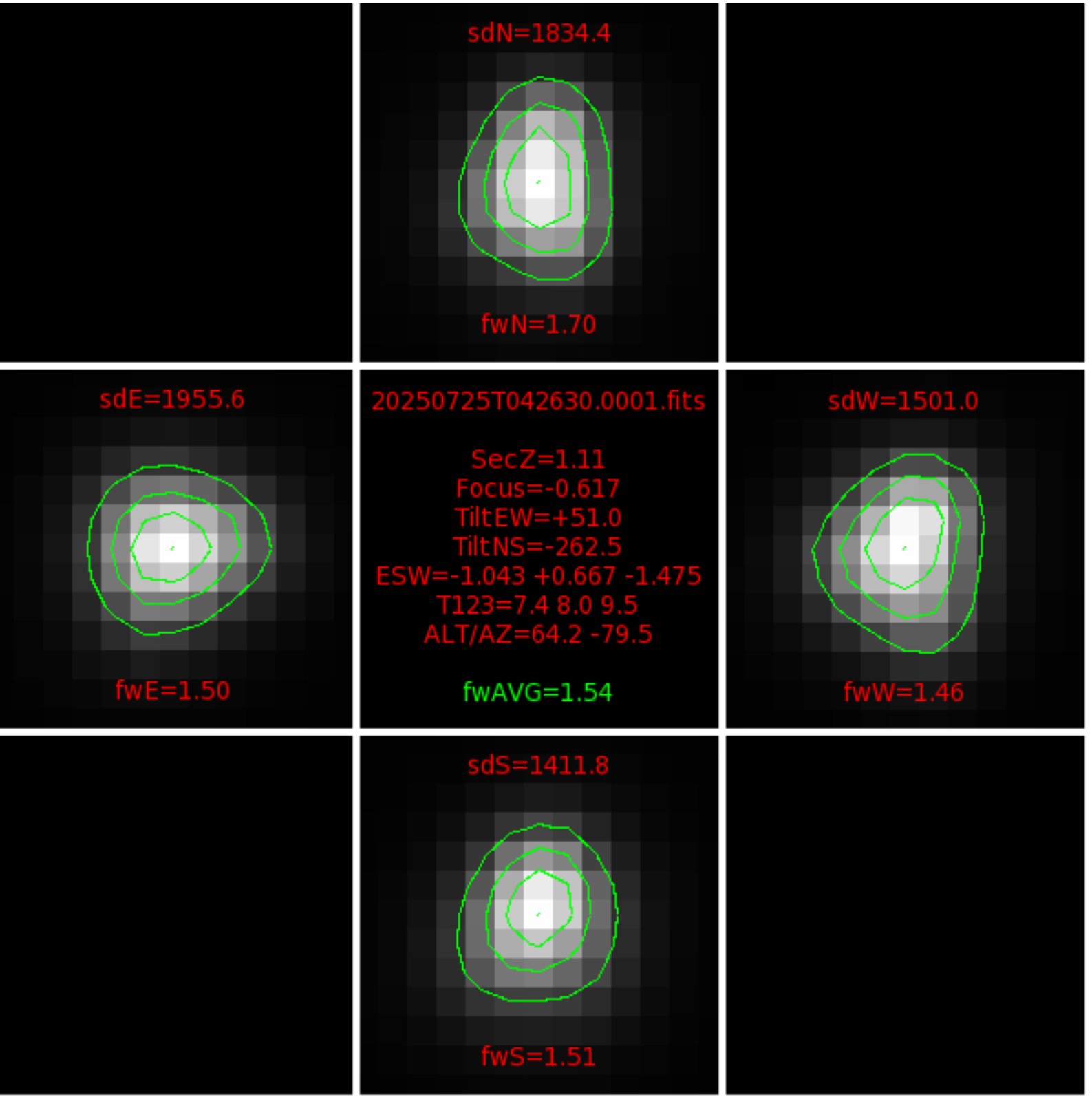
sdN=1834.4
fwN=1.70
sdE=1955.6
fwE=1.50
20250725T042630.0001.fits
SecZ=1.11
Focus=-0.617
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.043 +0.667 -1.475
T123=7.4 8.0 9.5
ALT/AZ=64.2 -79.5
fwAVG=1.54
sdW=1501.0
fwW=1.46
sdS=1411.8
fwS=1.51
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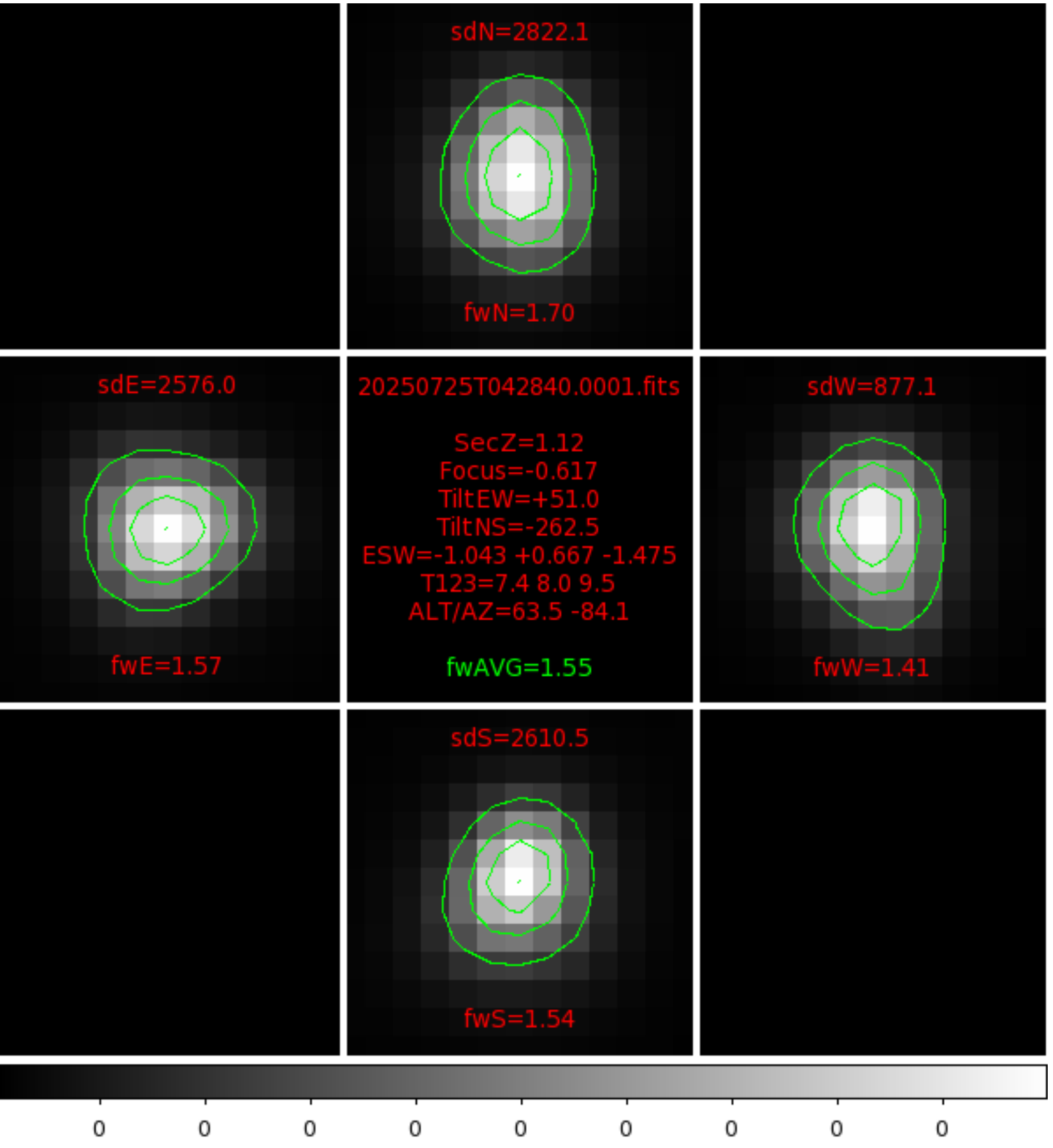
sdN=2822.1
fwN=1.70
sdE=2576.0
fwE=1.57
20250725T042840.0001.fits
SecZ=1.12
Focus=-0.617
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.043 +0.667 -1.475
T123=7.4 8.0 9.5
ALT/AZ=63.5 -84.1
fwAVG=1.55
sdW=877.1
fwW=1.41
sdS=2610.5
fwS=1.54
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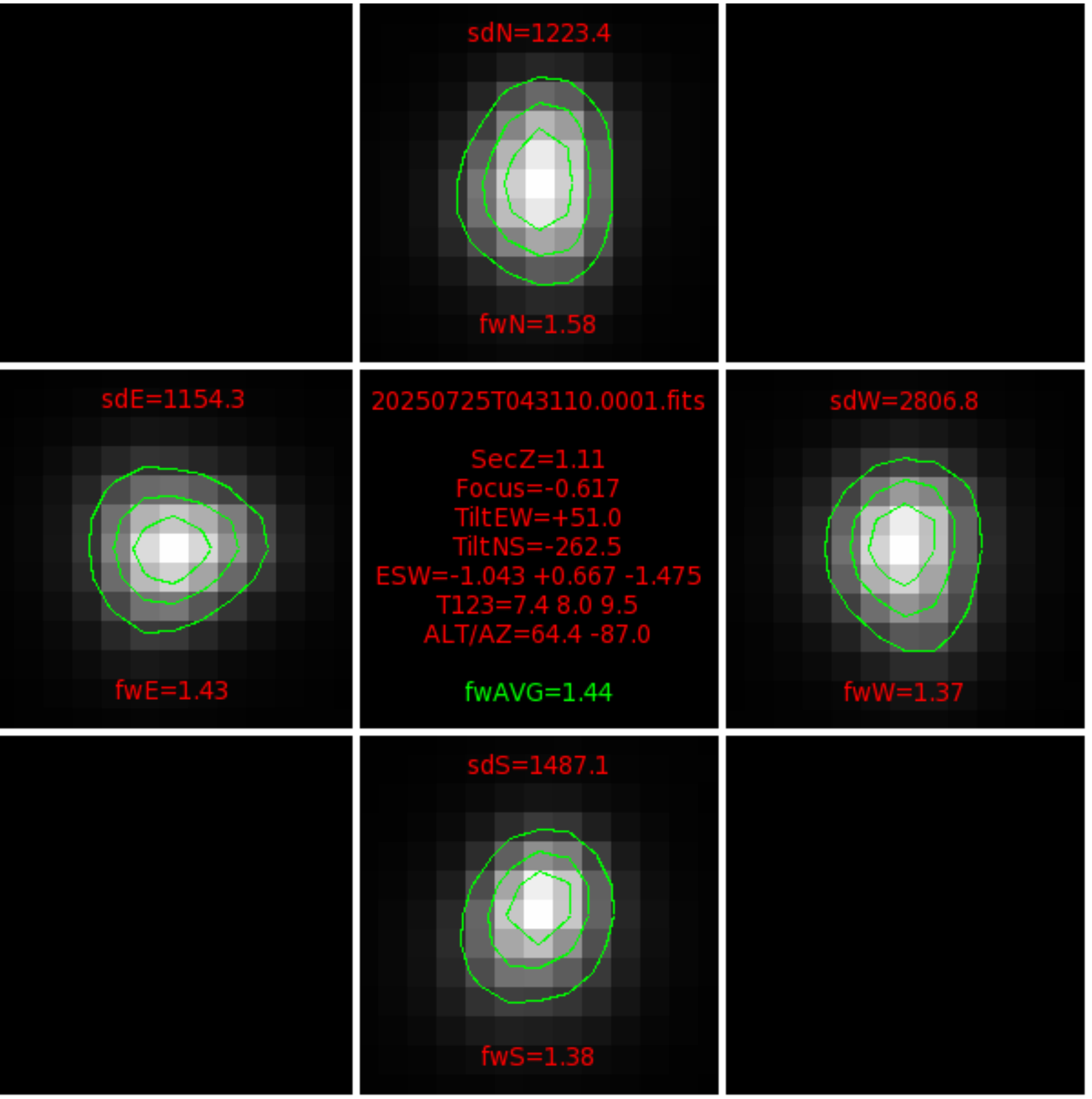
sdN=1223.4
fwN=1.58
sdE=1154.3
fwE=1.43
20250725T043110.0001.fits
SecZ=1.11
Focus=-0.617
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.043 +0.667 -1.475
T123=7.4 8.0 9.5
ALT/AZ=64.4 -87.0
fwAVG=1.44
sdW=2806.8
fwW=1.37
sdS=1487.1
fwS=1.38
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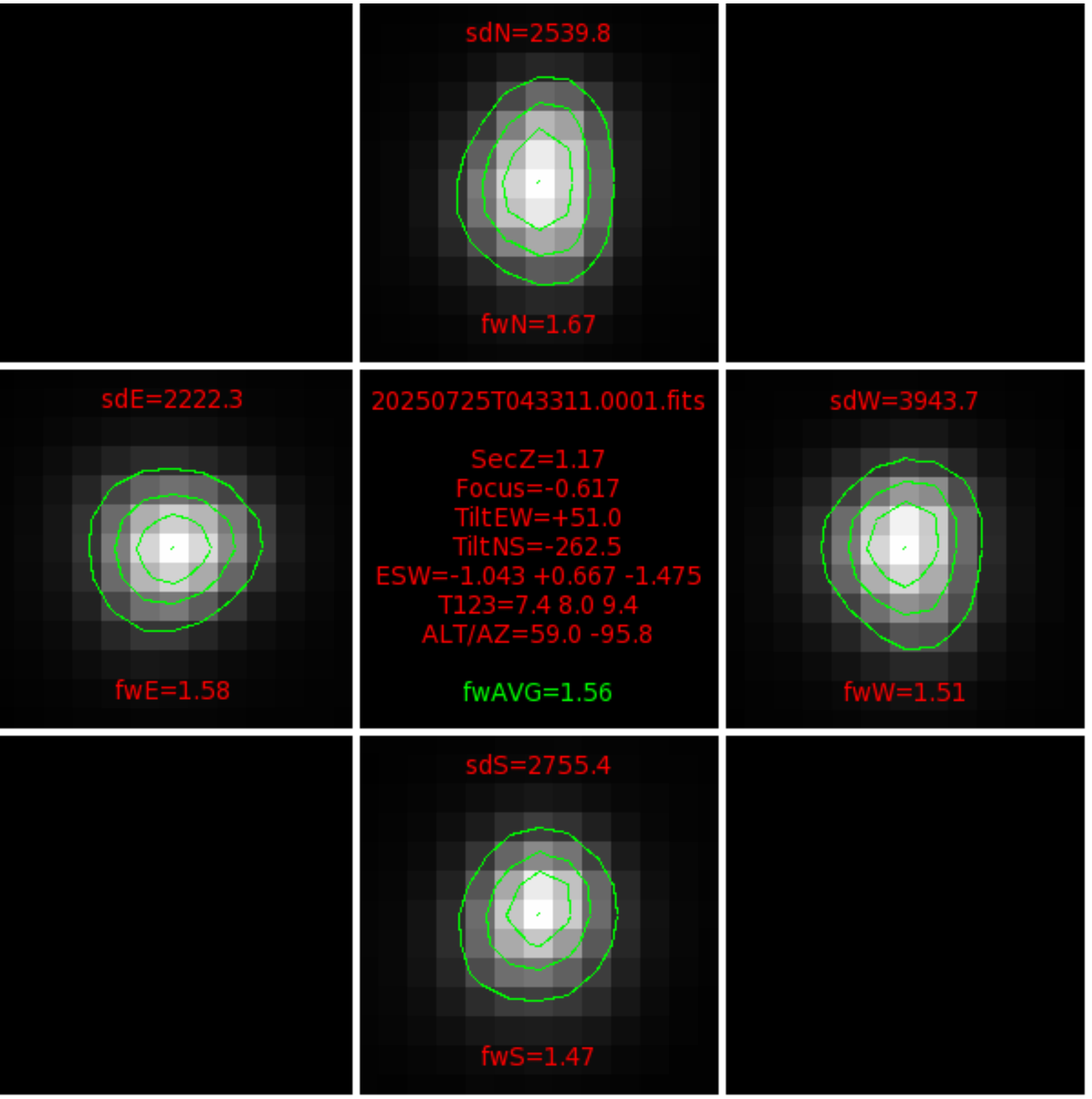
sdN=2539.8
fwN=1.67
sdE=2222.3
fwE=1.58
20250725T043311.0001.fits
SecZ=1.17
Focus=-0.617
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.043 +0.667 -1.475
T123=7.4 8.0 9.4
ALT/AZ=59.0 -95.8
fwAVG=1.56
sdW=3943.7
fwW=1.51
sdS=2755.4
fwS=1.47
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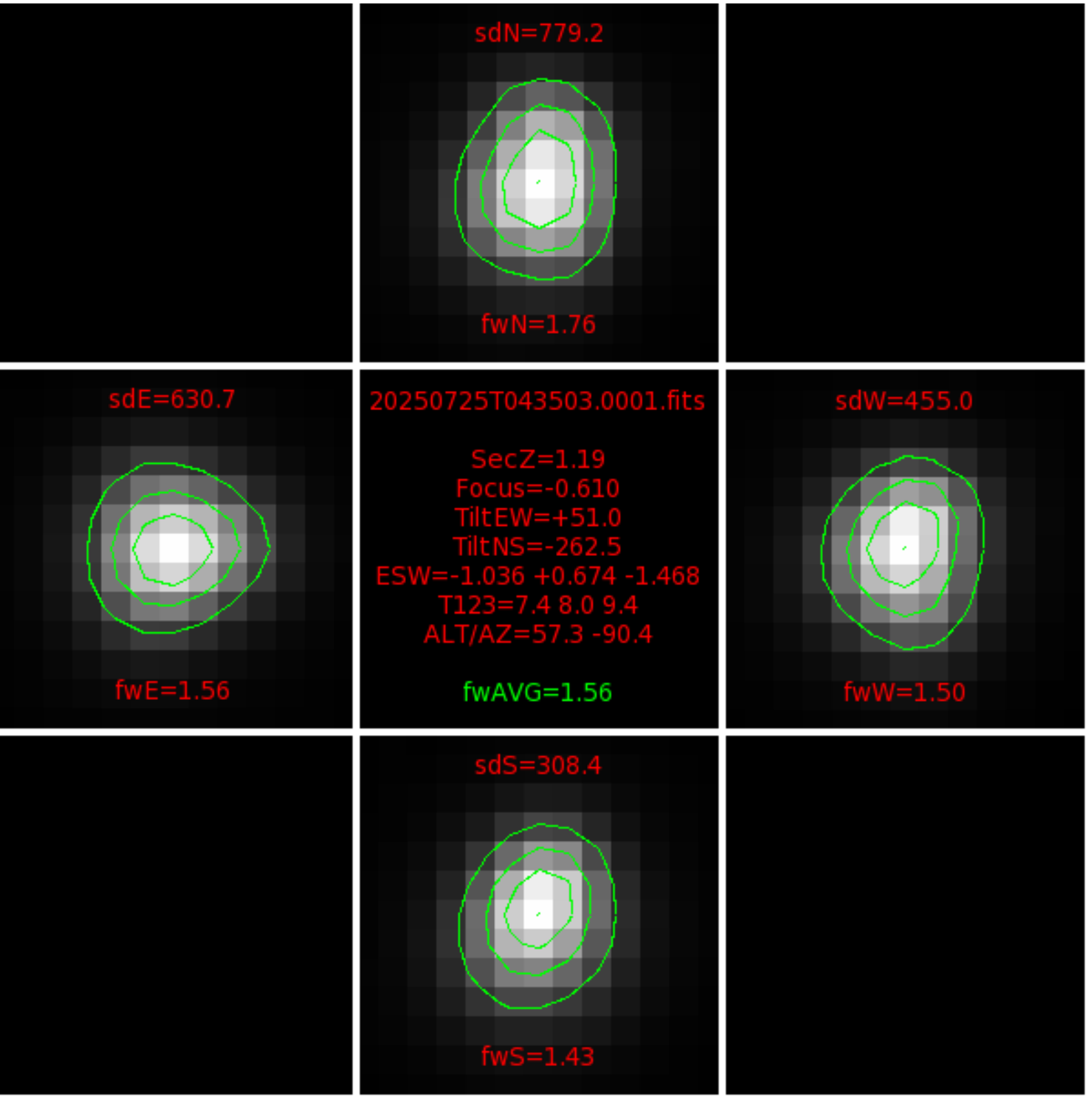
sdN=779.2
fwN=1.76
sdE=630.7
fwE=1.56
20250725T043503.0001.fits
SecZ=1.19
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.4 8.0 9.4
ALT/AZ=57.3 -90.4
fwAVG=1.56
sdW=455.0
fwW=1.50
sdS=308.4
fwS=1.43
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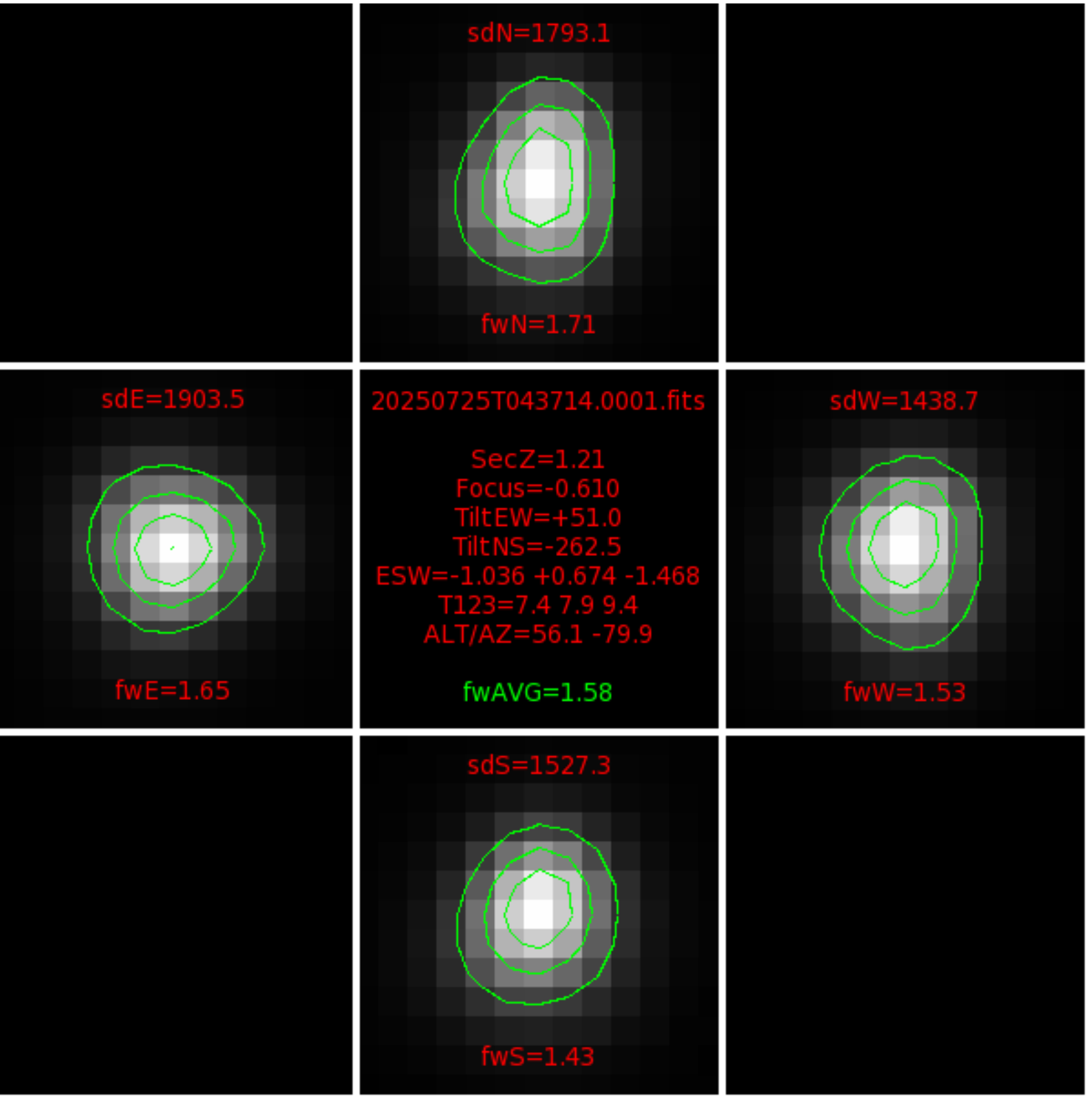
sdN=1793.1
fwN=1.71
sdE=1903.5
fwE=1.65
20250725T043714.0001.fits
SecZ=1.21
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.4 7.9 9.4
ALT/AZ=56.1 -79.9
fwAVG=1.58
sdW=1438.7
fwW=1.53
sdS=1527.3
fwS=1.43
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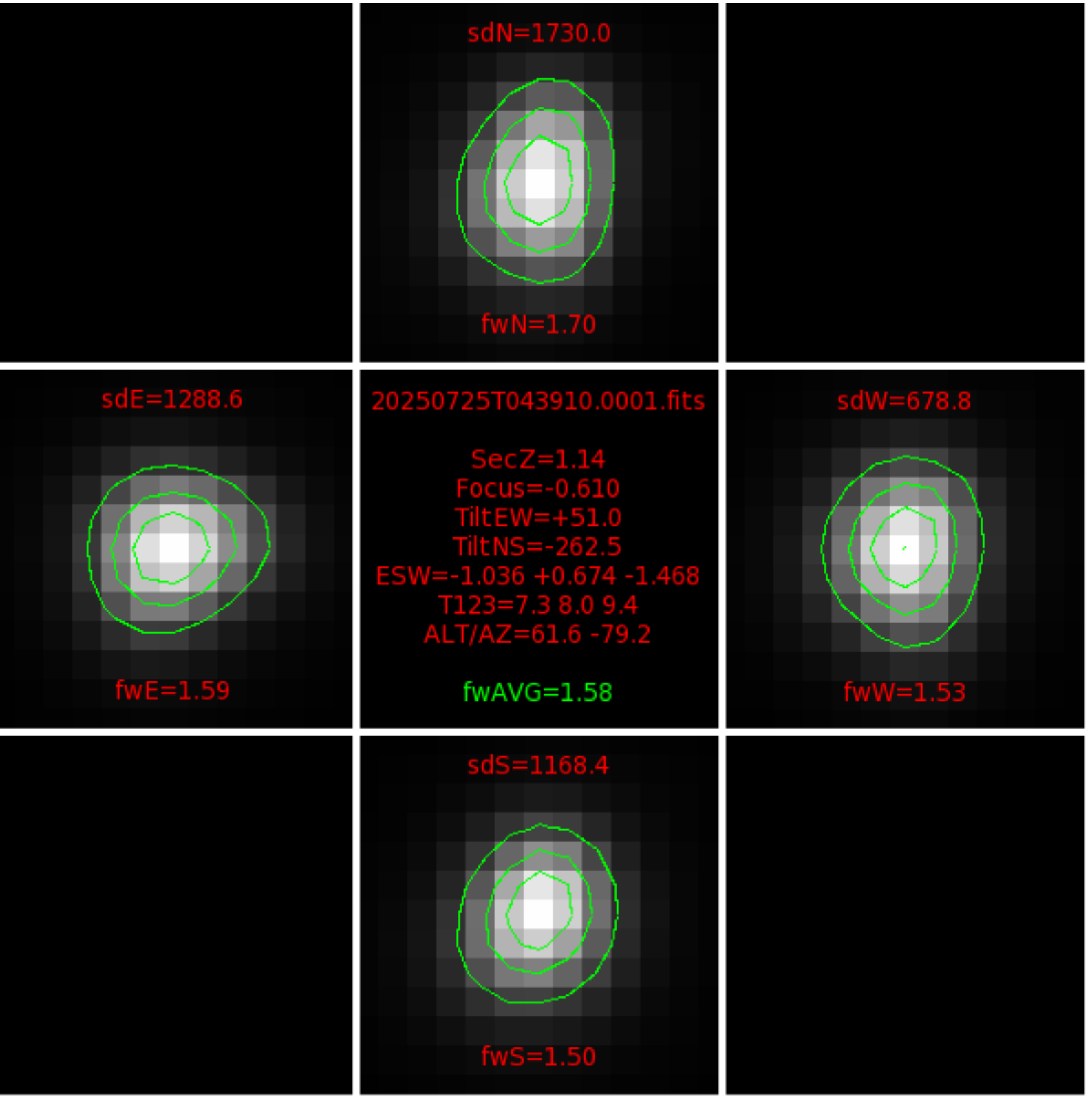
sdN=1730.0
fwN=1.70
sdE=1288.6
fwE=1.59
20250725T043910.0001.fits
SecZ=1.14
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.3 8.0 9.4
ALT/AZ=61.6 -79.2
fwAVG=1.58
sdW=678.8
fwW=1.53
sdS=1168.4
fwS=1.50
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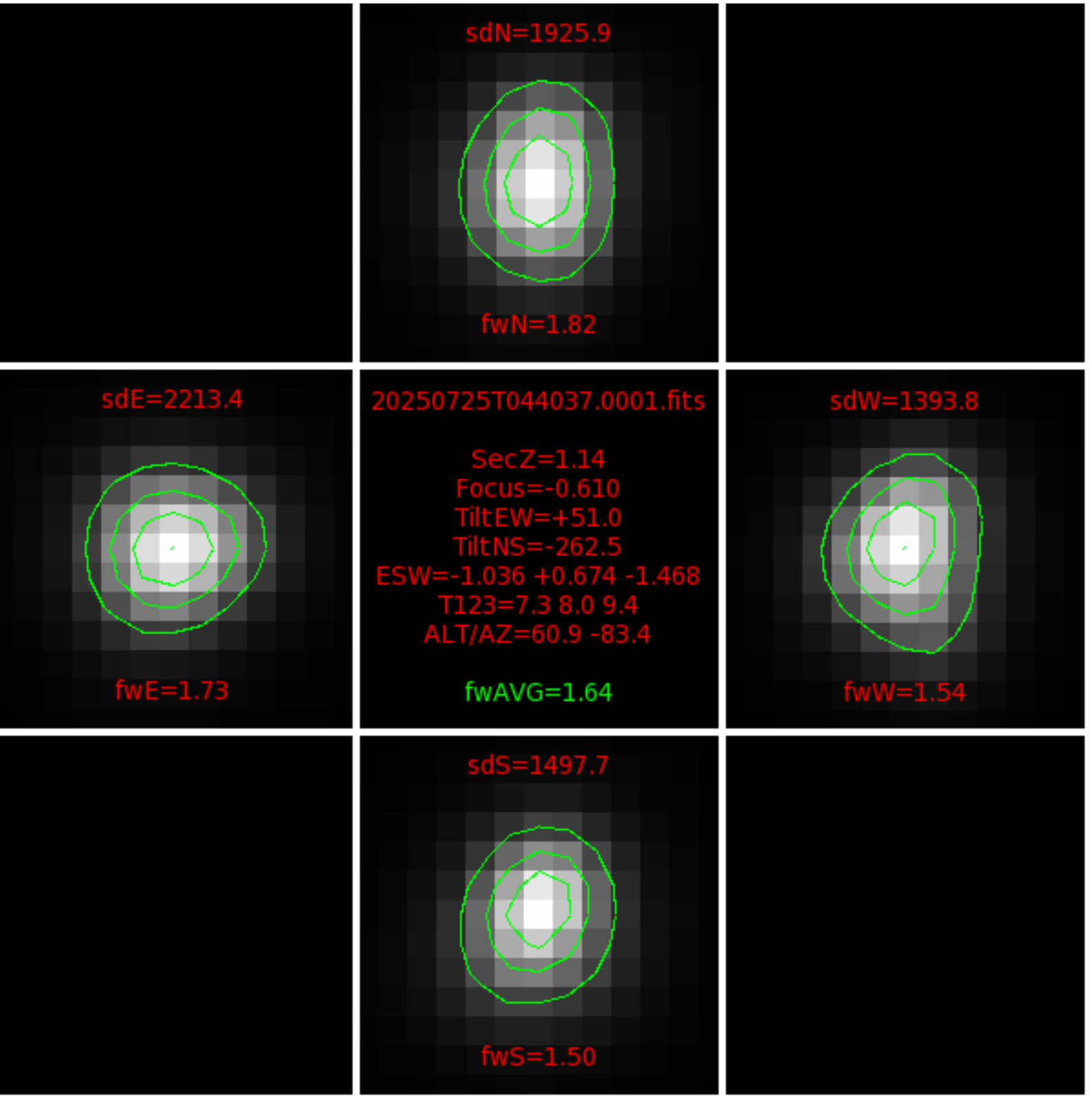
sdN=1925.9
fwN=1.82
sdE=2213.4
fwE=1.73
20250725T044037.0001.fits
SecZ=1.14
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.3 8.0 9.4
ALT/AZ=60.9 -83.4
fwAVG=1.64
sdW=1393.8
fwW=1.54
sdS=1497.7
fwS=1.50
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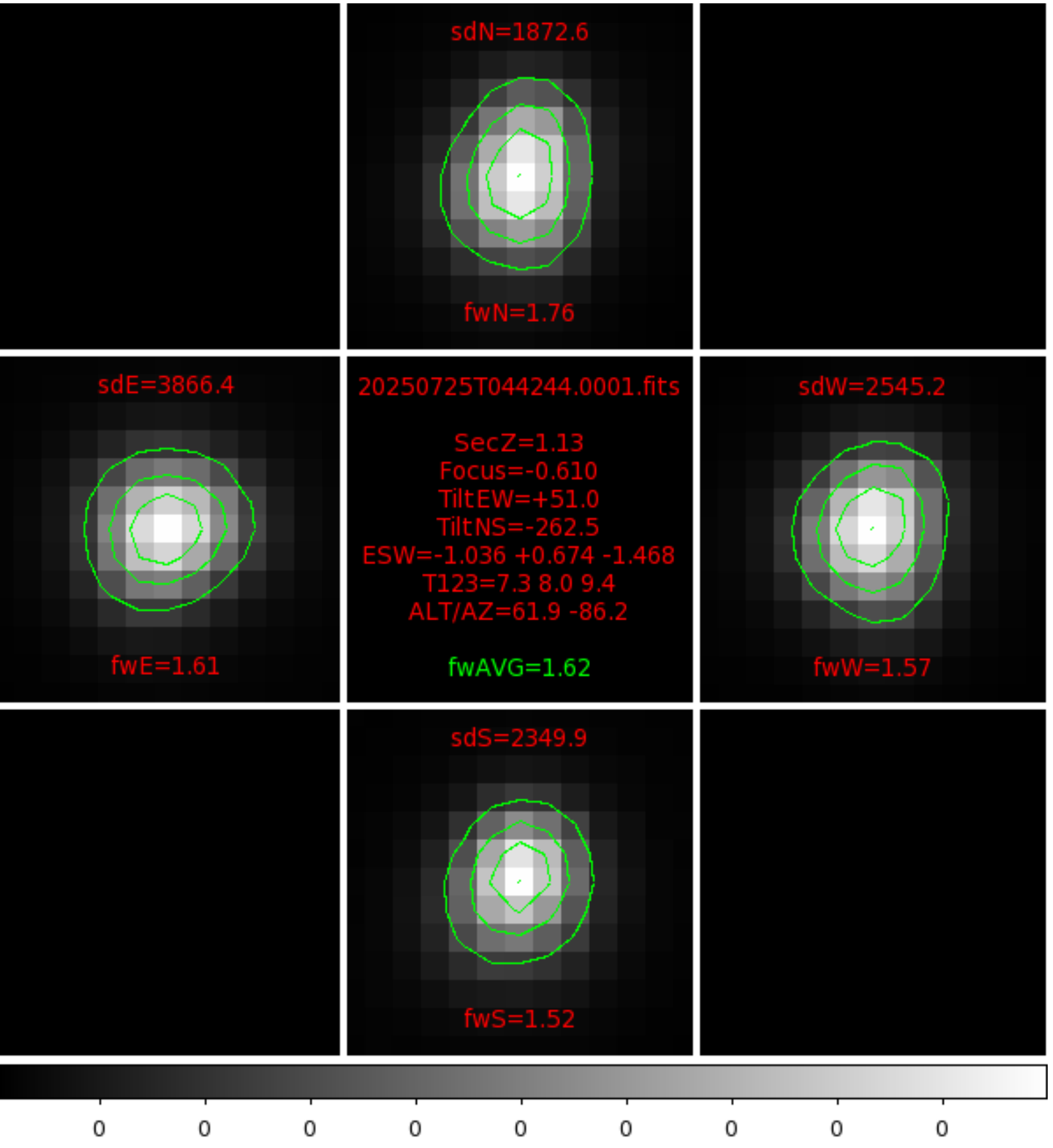
sdN=1872.6
fwN=1.76
sdE=3866.4
fwE=1.61
20250725T044244.0001.fits
SecZ=1.13
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.3 8.0 9.4
ALT/AZ=61.9 -86.2
fwAVG=1.62
sdW=2545.2
fwW=1.57
sdS=2349.9
fwS=1.52
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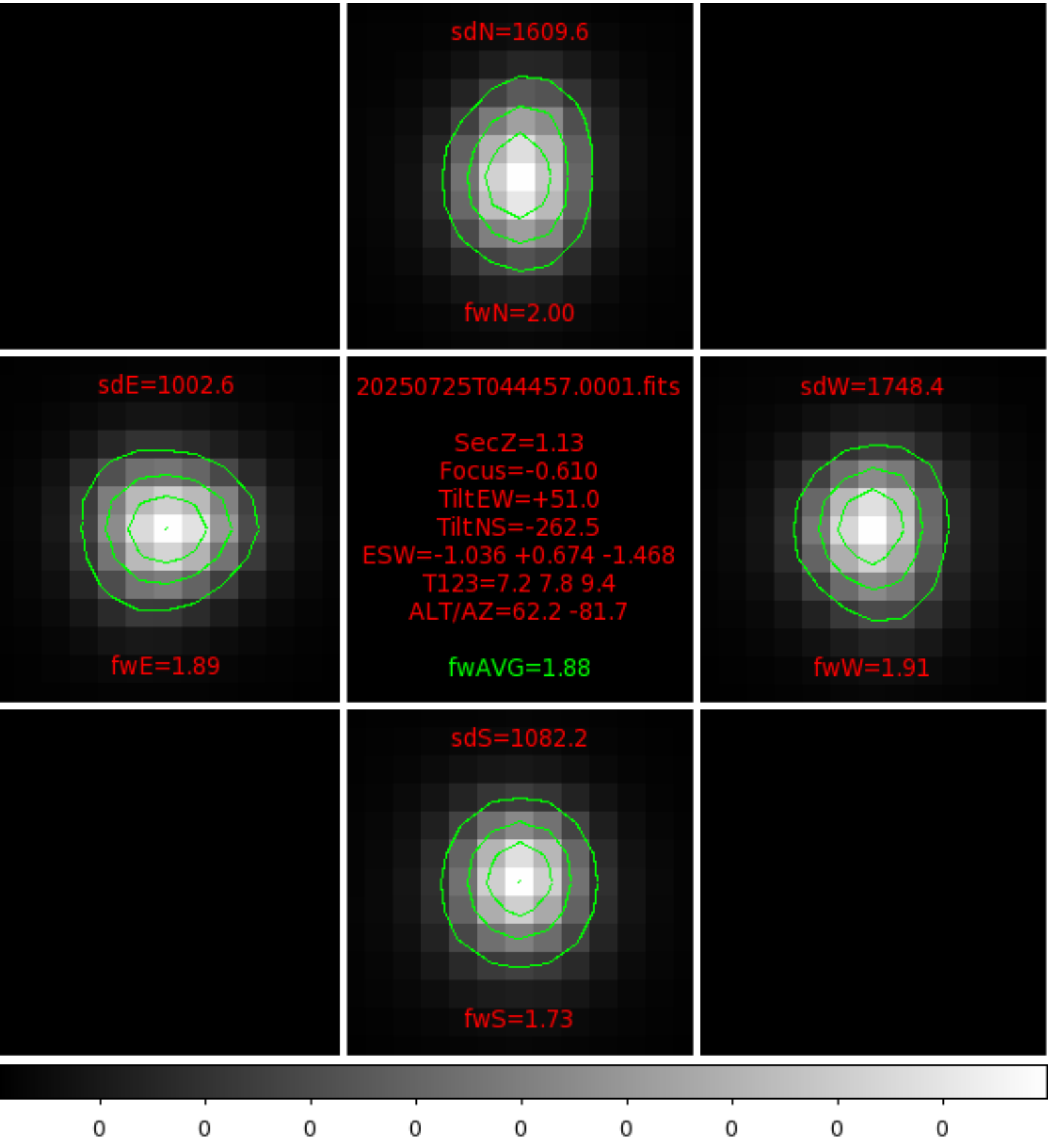
sdN=1609.6
fwN=2.00
sdE=1002.6
fwE=1.89
20250725T044457.0001.fits
SecZ=1.13
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.2 7.8 9.4
ALT/AZ=62.2 -81.7
fwAVG=1.88
sdW=1748.4
fwW=1.91
sdS=1082.2
fwS=1.73
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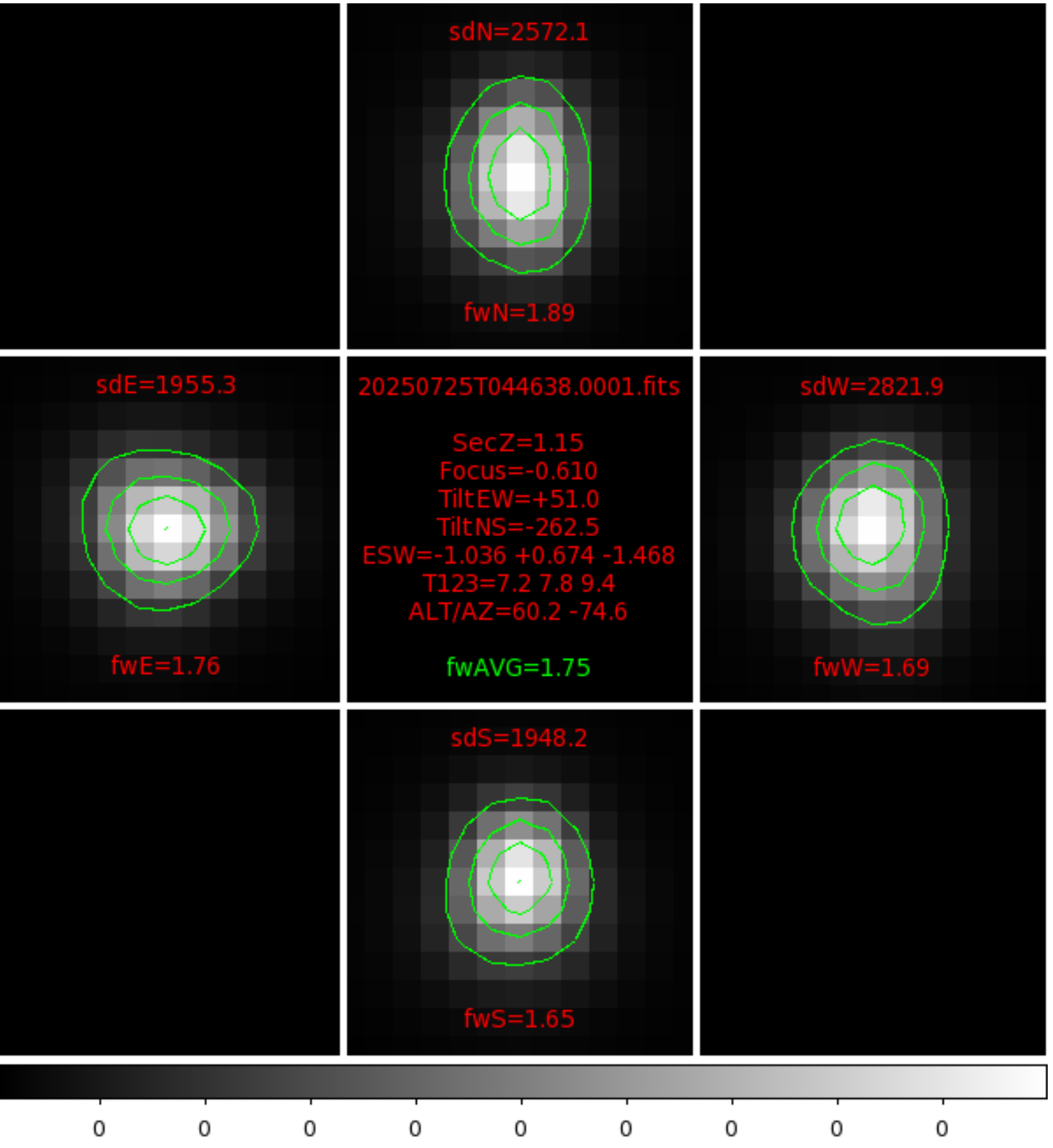
sdN=2572.1
fwN=1.89
sdE=1955.3
fwE=1.76
20250725T044638.0001.fits
SecZ=1.15
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.2 7.8 9.4
ALT/AZ=60.2 -74.6
fwAVG=1.75
sdW=2821.9
fwW=1.69
sdS=1948.2
fwS=1.65
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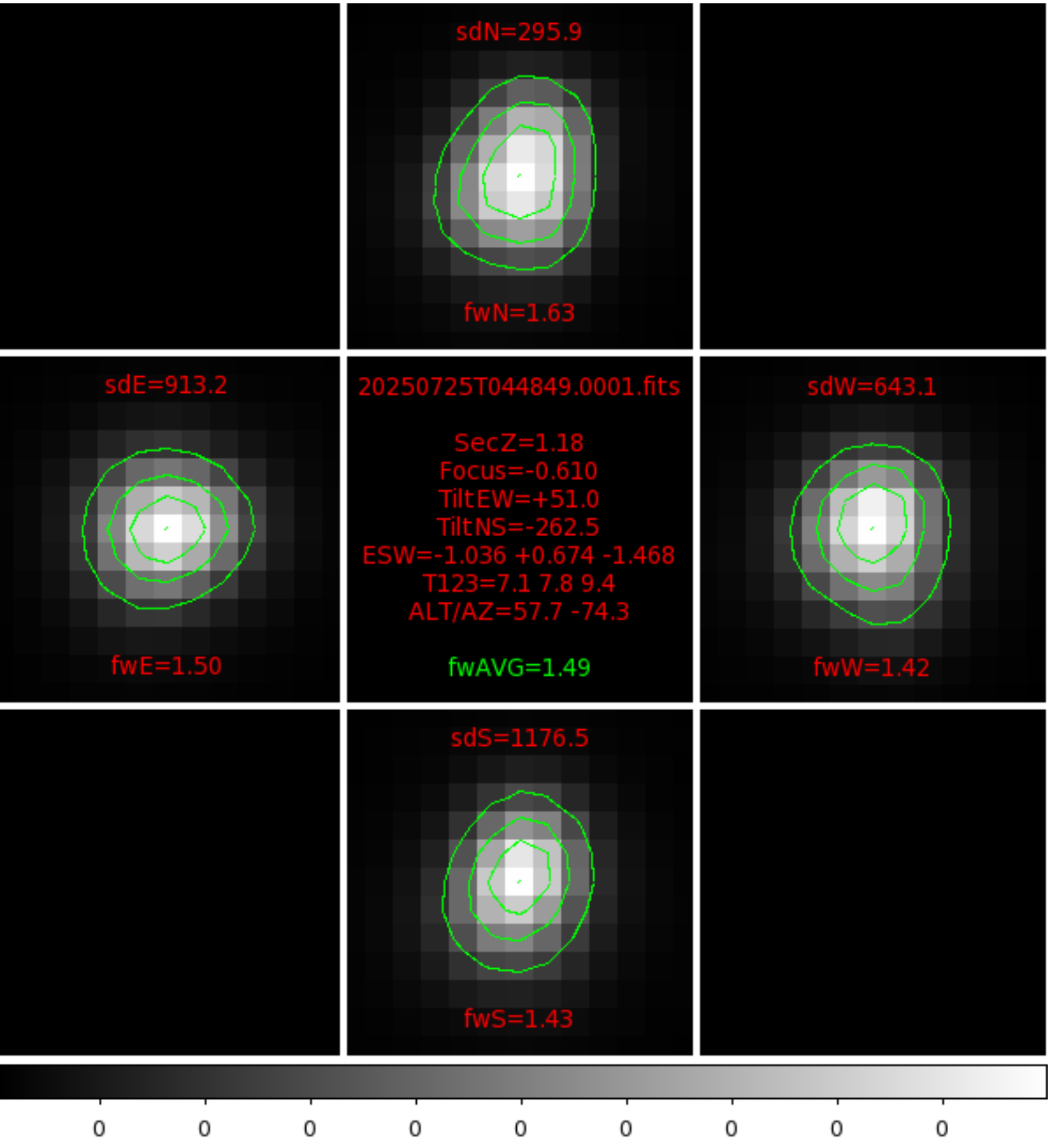
sdN=295.9
fwN=1.63
sdE=913.2
fwE=1.50
20250725T044849.0001.fits
SecZ=1.18
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.1 7.8 9.4
ALT/AZ=57.7 -74.3
fwAVG=1.49
sdW=643.1
fwW=1.42
sdS=1176.5
fwS=1.43
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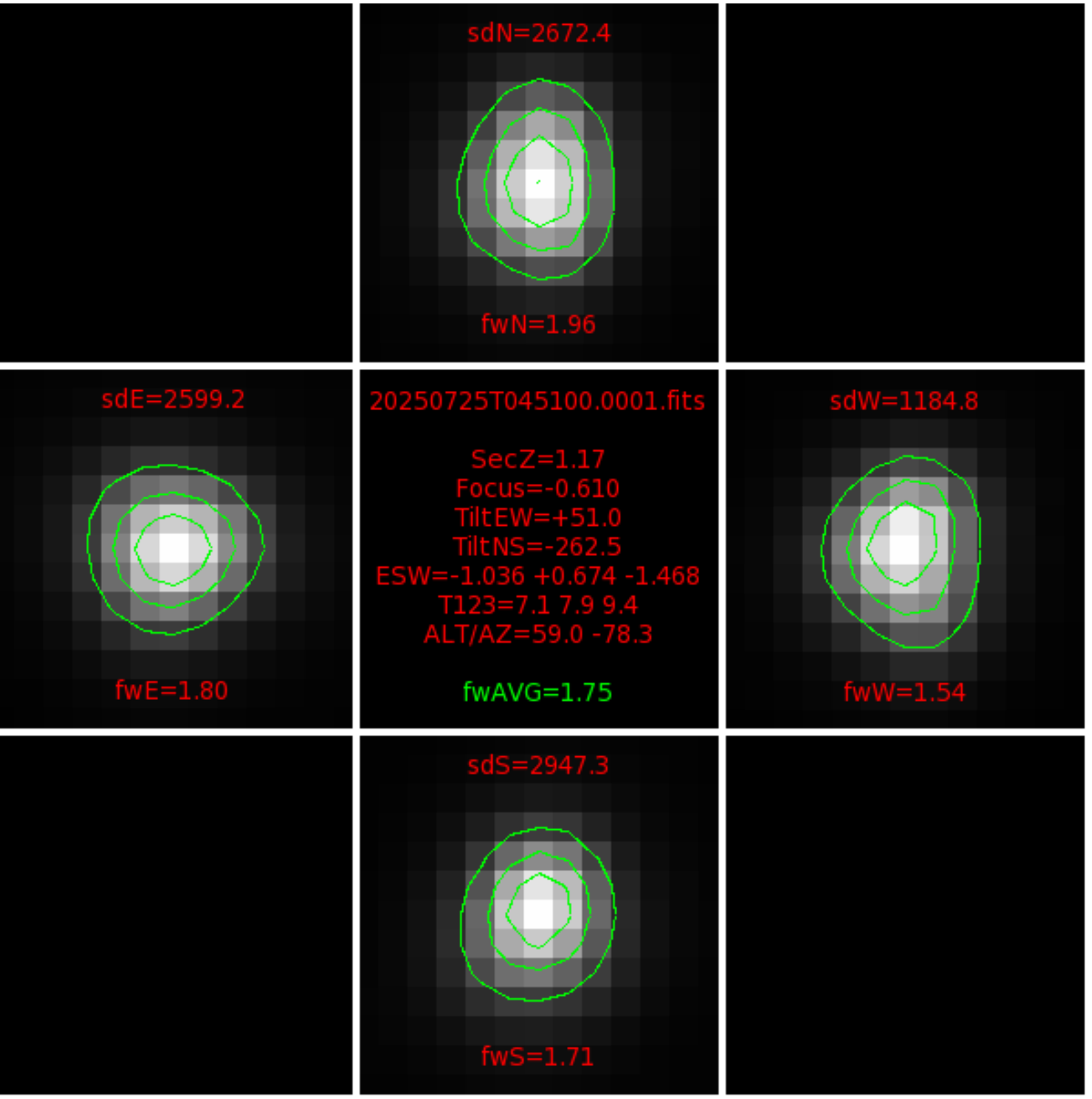
sdN=2672.4
fwN=1.96
sdE=2599.2
fwE=1.80
20250725T045100.0001.fits
SecZ=1.17
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.1 7.9 9.4
ALT/AZ=59.0 -78.3
fwAVG=1.75
sdW=1184.8
fwW=1.54
sdS=2947.3
fwS=1.71
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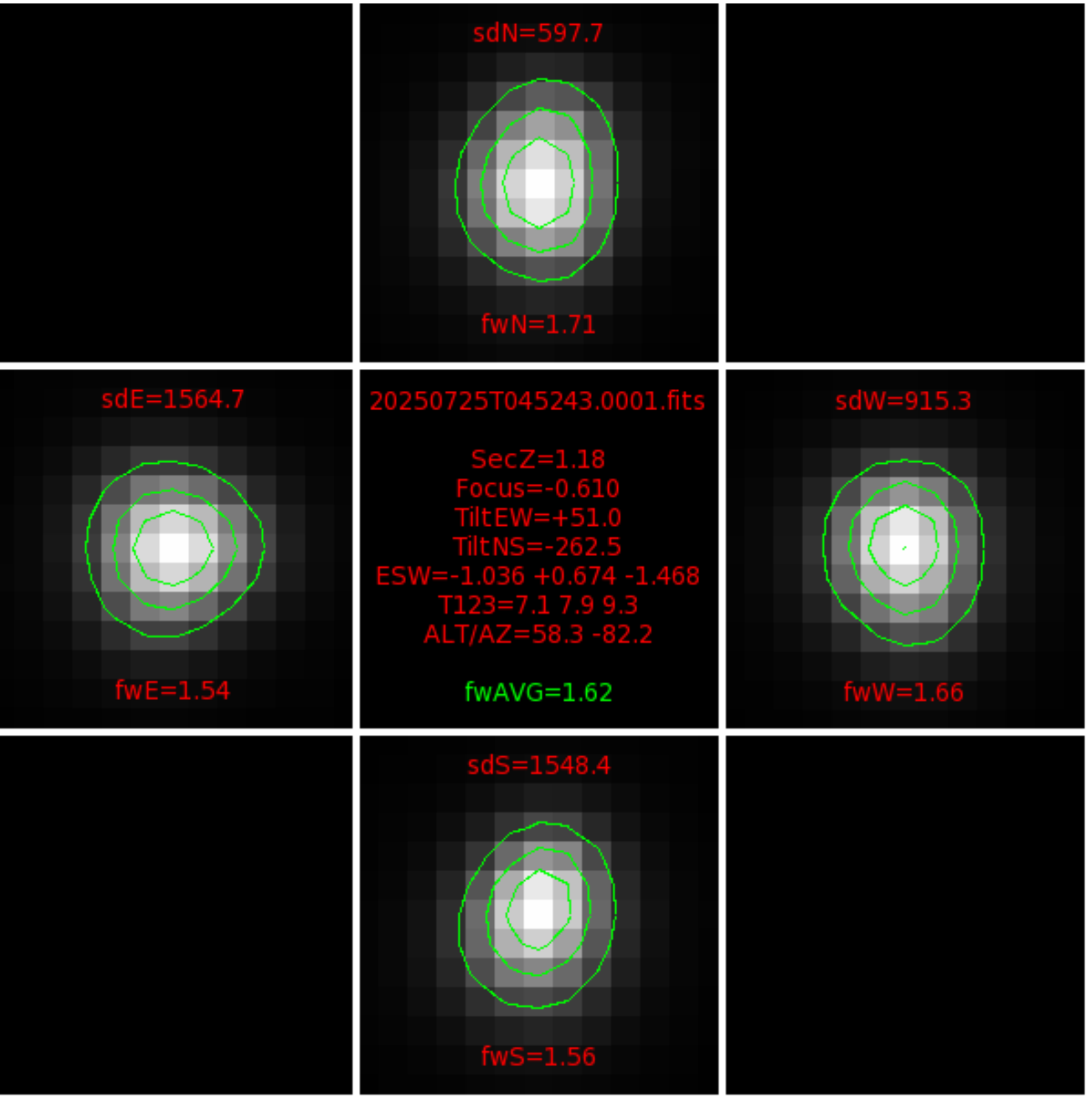
sdN=597.7
fwN=1.71
sdE=1564.7
fwE=1.54
20250725T045243.0001.fits
SecZ=1.18
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.1 7.9 9.3
ALT/AZ=58.3 -82.2
fwAVG=1.62
sdW=915.3
fwW=1.66
sdS=1548.4
fwS=1.56
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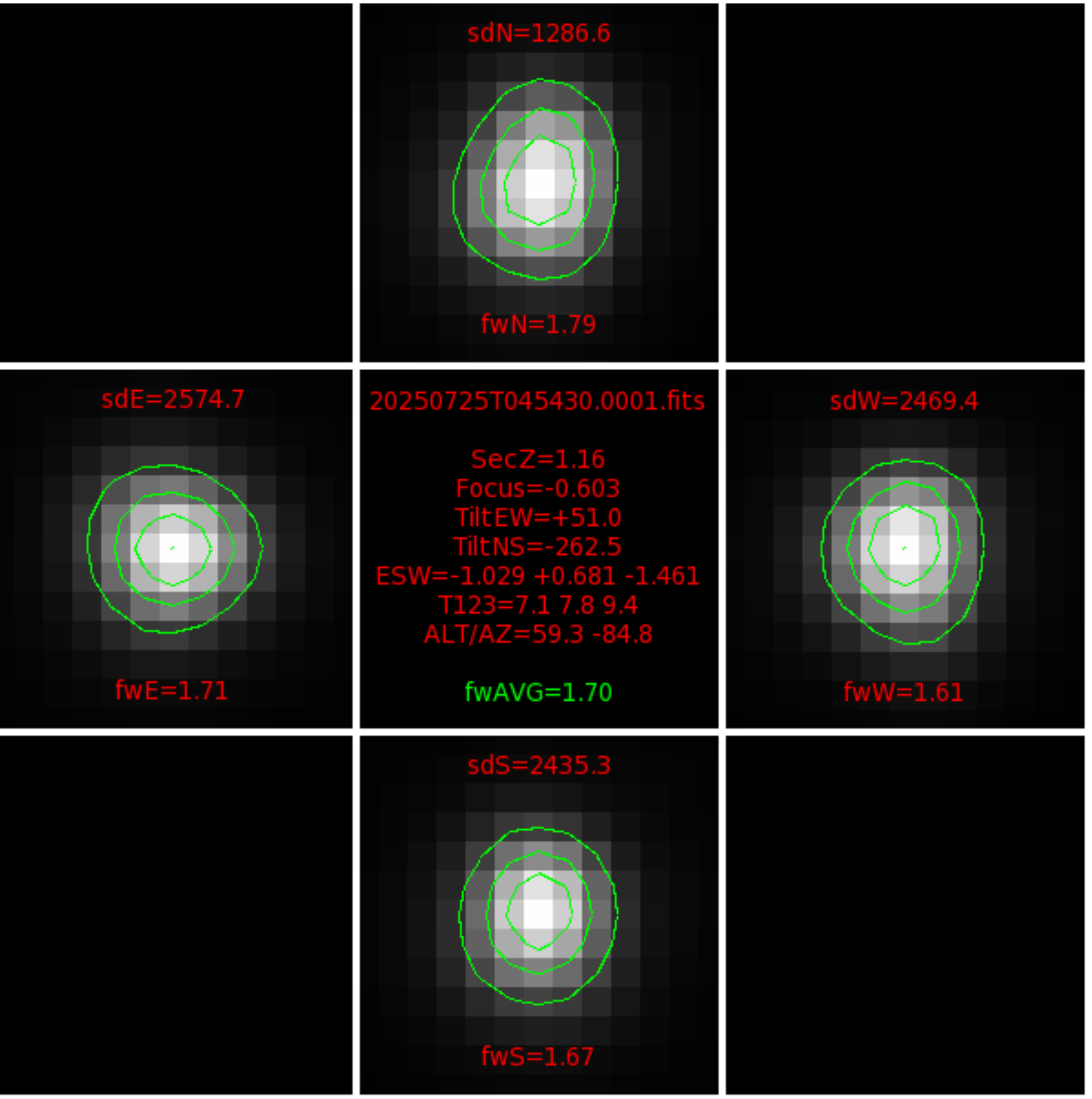
sdN=1286.6
fwN=1.79
sdE=2574.7
fwE=1.71
20250725T045430.0001.fits
SecZ=1.16
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.1 7.8 9.4
ALT/AZ=59.3 -84.8
fwAVG=1.70
sdW=2469.4
fwW=1.61
sdS=2435.3
fwS=1.67
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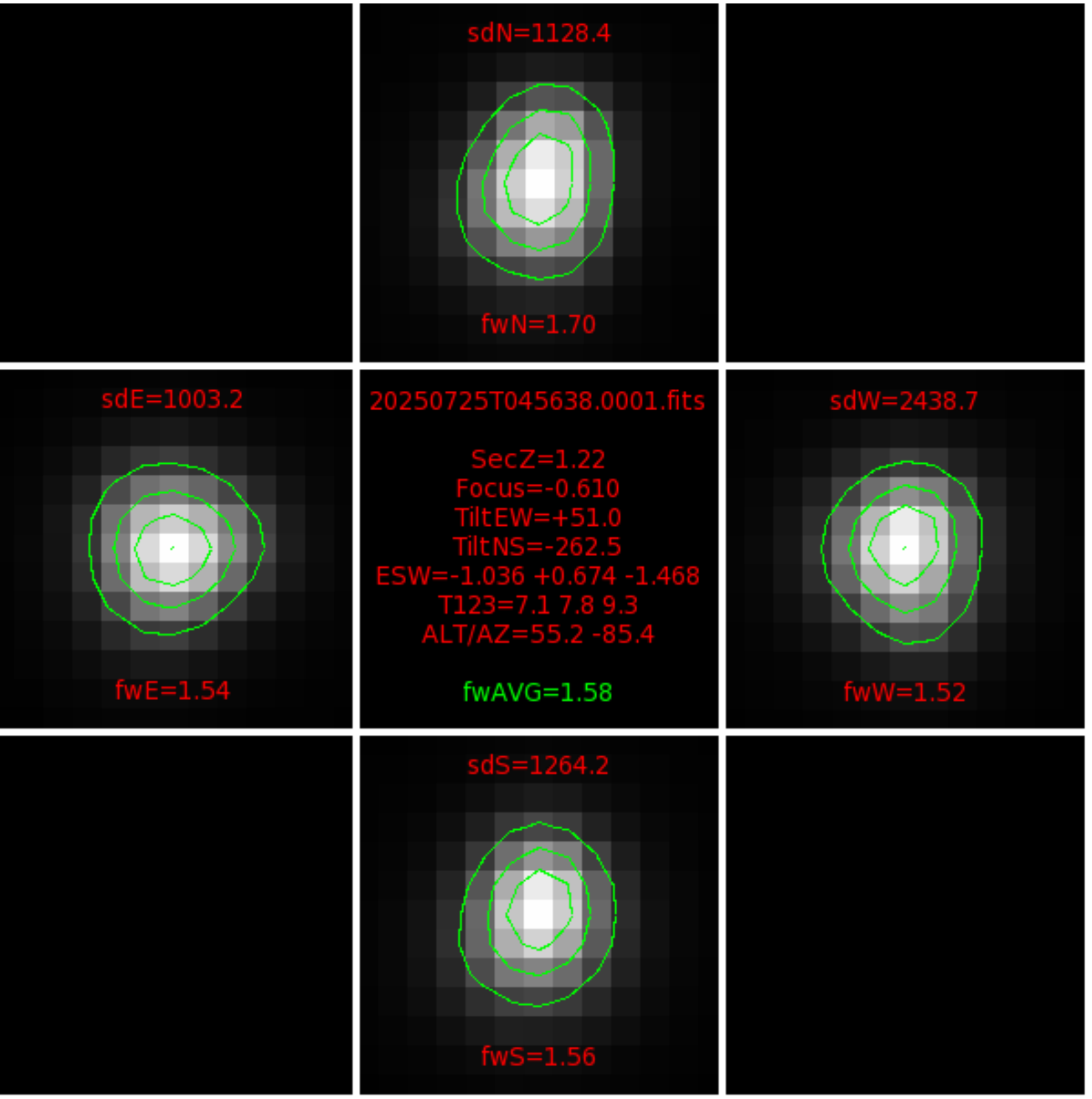
sdN=1128.4
fwN=1.70
sdE=1003.2
fwE=1.54
20250725T045638.0001.fits
SecZ=1.22
Focus=-0.610
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.036 +0.674 -1.468
T123=7.1 7.8 9.3
ALT/AZ=55.2 -85.4
fwAVG=1.58
sdW=2438.7
fwW=1.52
sdS=1264.2
fwS=1.56
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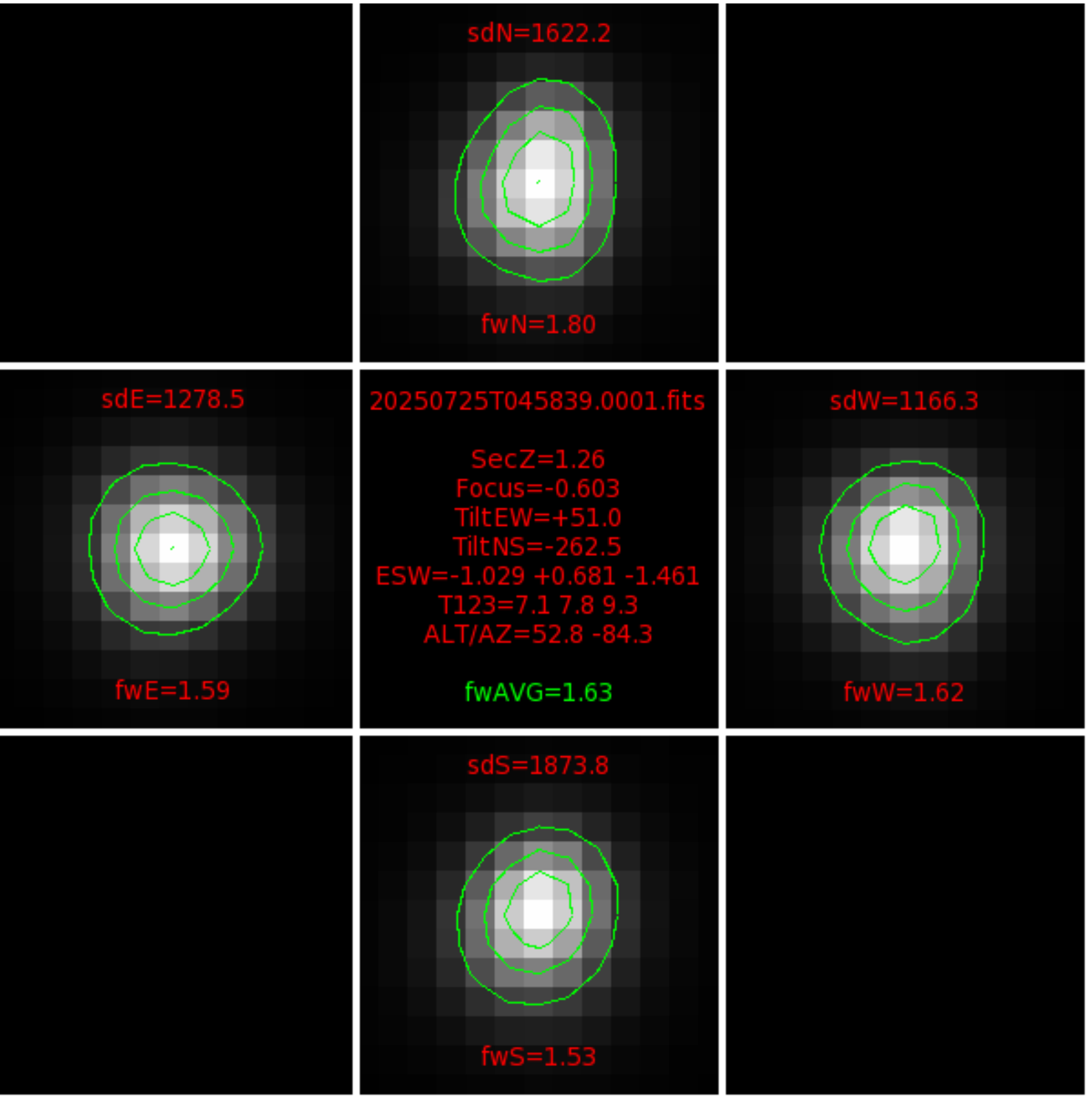
sdN=1622.2
fwN=1.80
sdE=1278.5
fwE=1.59
20250725T045839.0001.fits
SecZ=1.26
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.1 7.8 9.3
ALT/AZ=52.8 -84.3
fwAVG=1.63
sdW=1166.3
fwW=1.62
sdS=1873.8
fwS=1.53
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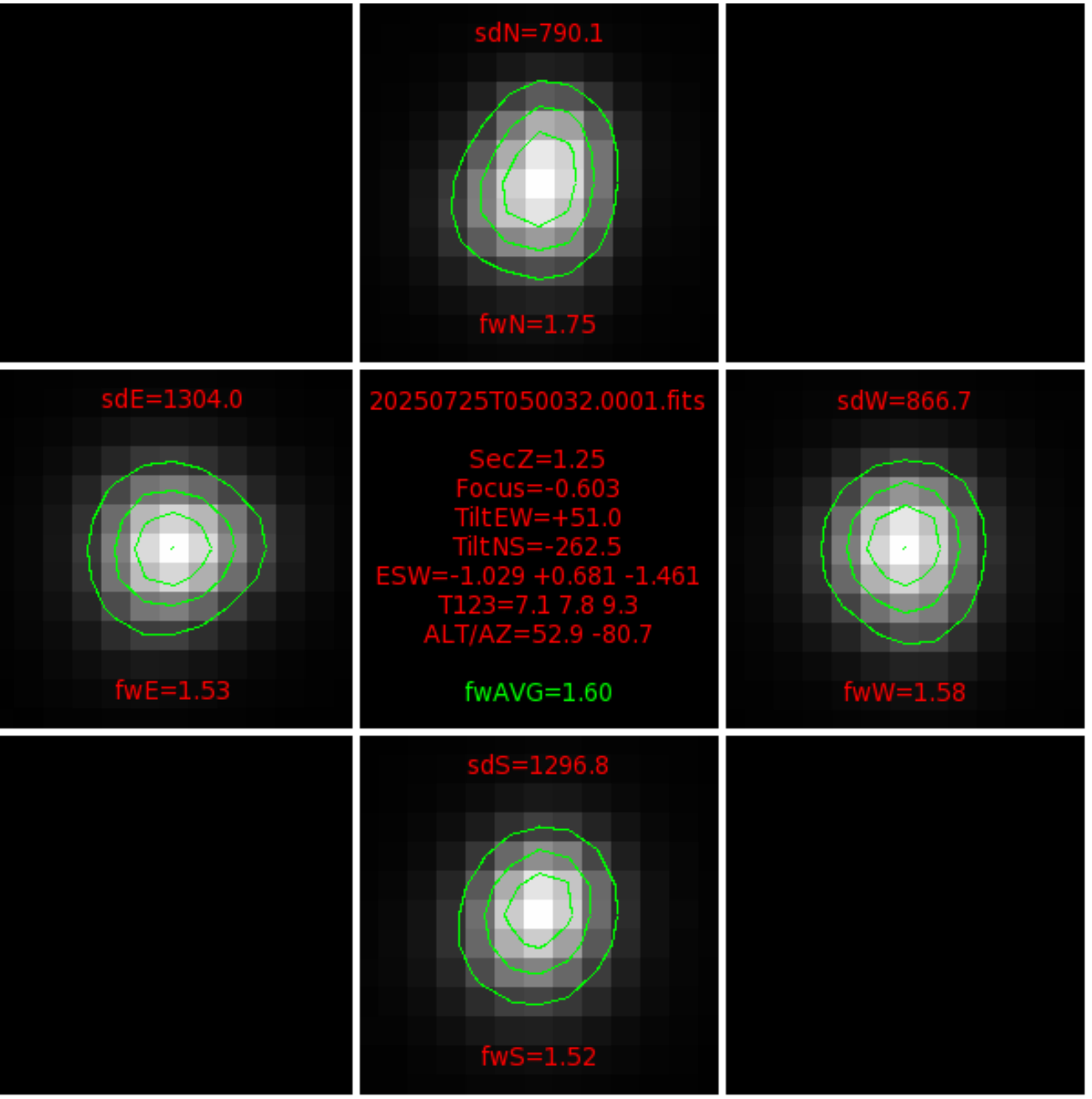
sdN=790.1
fwN=1.75
sdE=1304.0
fwE=1.53
20250725T050032.0001.fits
SecZ=1.25
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.1 7.8 9.3
ALT/AZ=52.9 -80.7
fwAVG=1.60
sdW=866.7
fwW=1.58
sdS=1296.8
fwS=1.52
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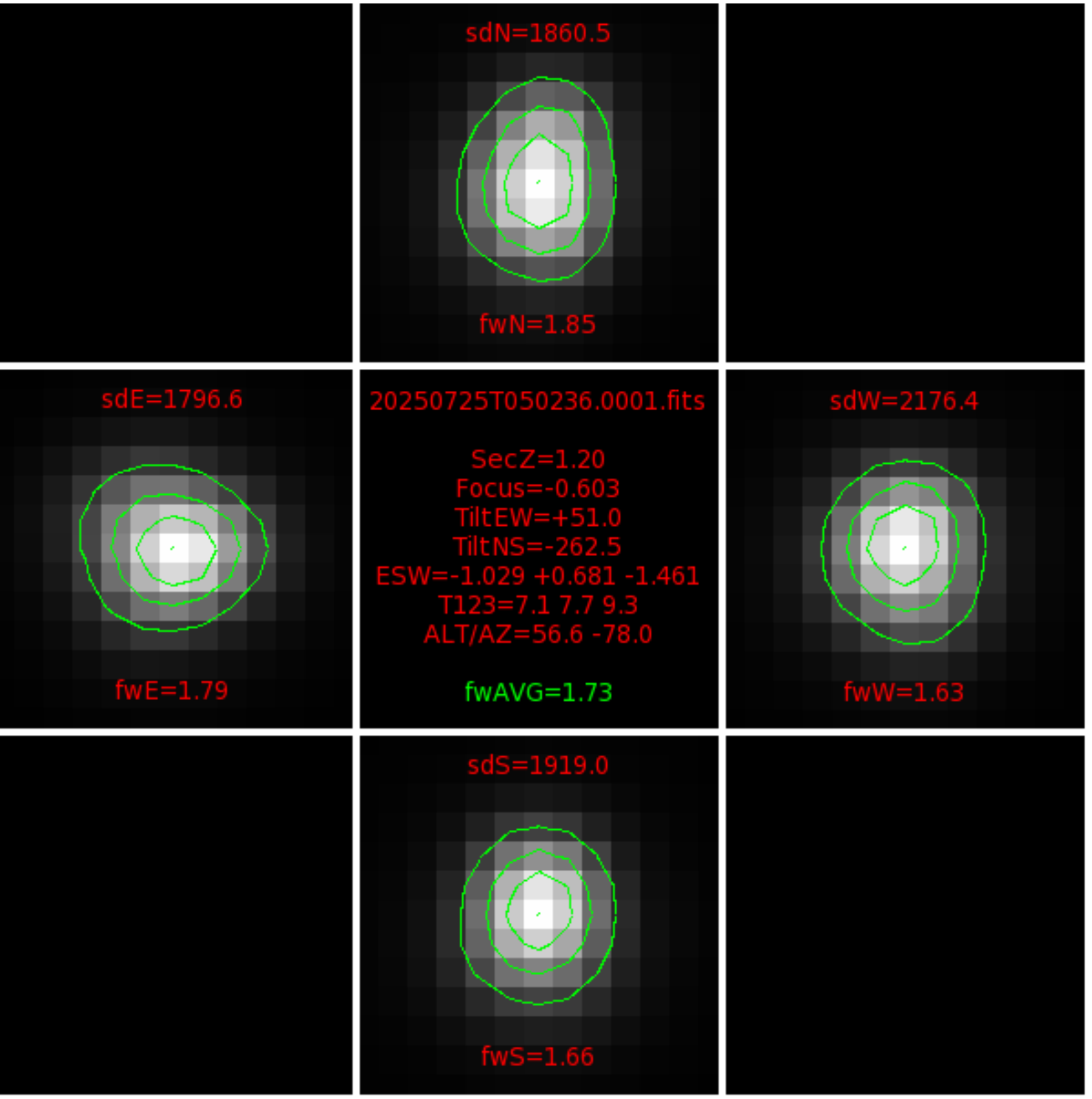
sdN=1860.5
fwN=1.85
sdE=1796.6
fwE=1.79
20250725T050236.0001.fits
SecZ=1.20
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.1 7.7 9.3
ALT/AZ=56.6 -78.0
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sdW=2176.4
fwW=1.63
sdS=1919.0
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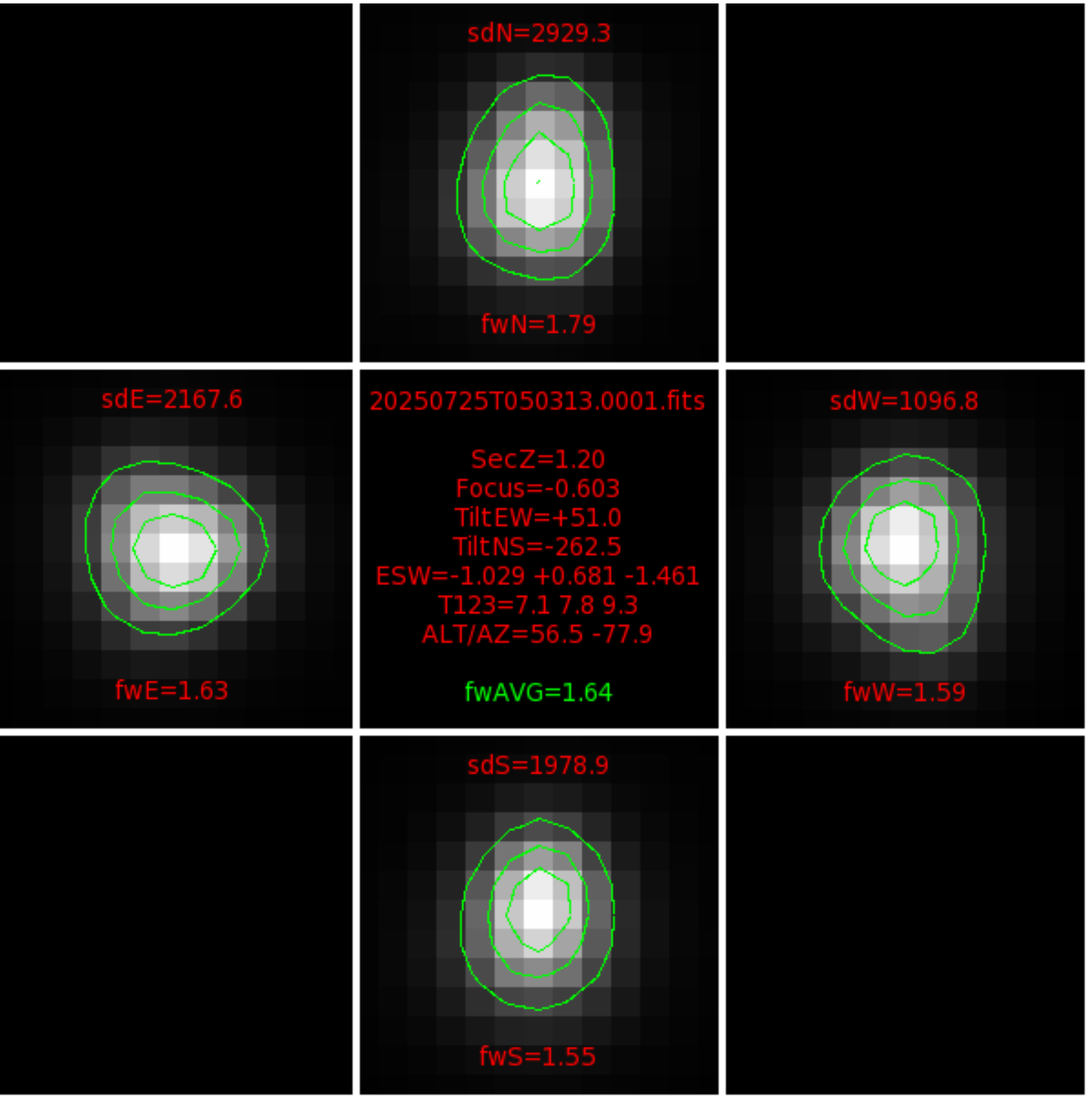
sdN=2929.3
fwN=1.79
sdE=2167.6
fwE=1.63
20250725T050313.0001.fits
SecZ=1.20
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.1 7.8 9.3
ALT/AZ=56.5 -77.9
fwAVG=1.64
sdW=1096.8
fwW=1.59
sdS=1978.9
fwS=1.55
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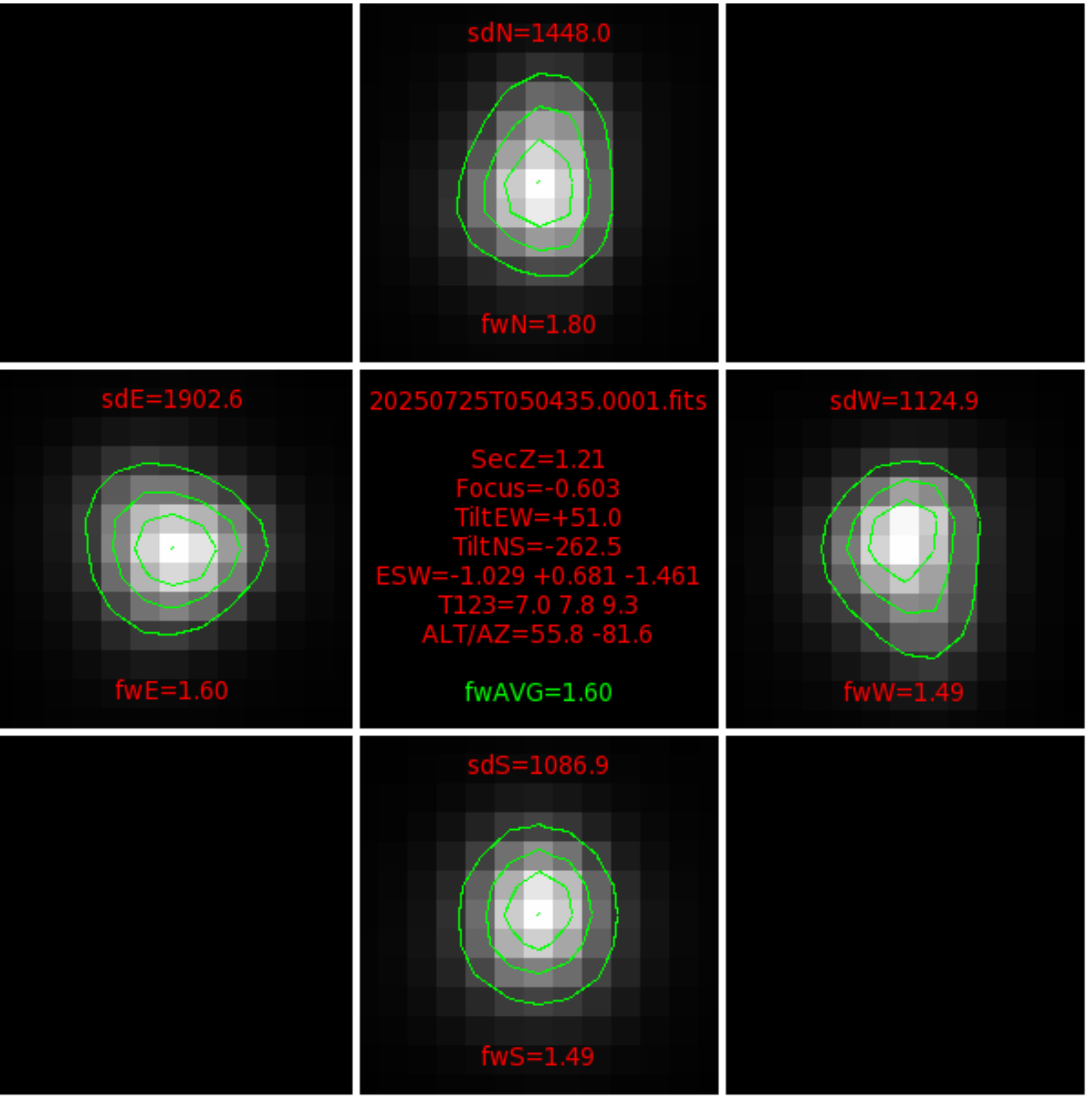
sdN=1448.0
fwN=1.80
sdE=1902.6
fwE=1.60
20250725T050435.0001.fits
SecZ=1.21
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.0 7.8 9.3
ALT/AZ=55.8 -81.6
fwAVG=1.60
sdW=1124.9
fwW=1.49
sdS=1086.9
fwS=1.49
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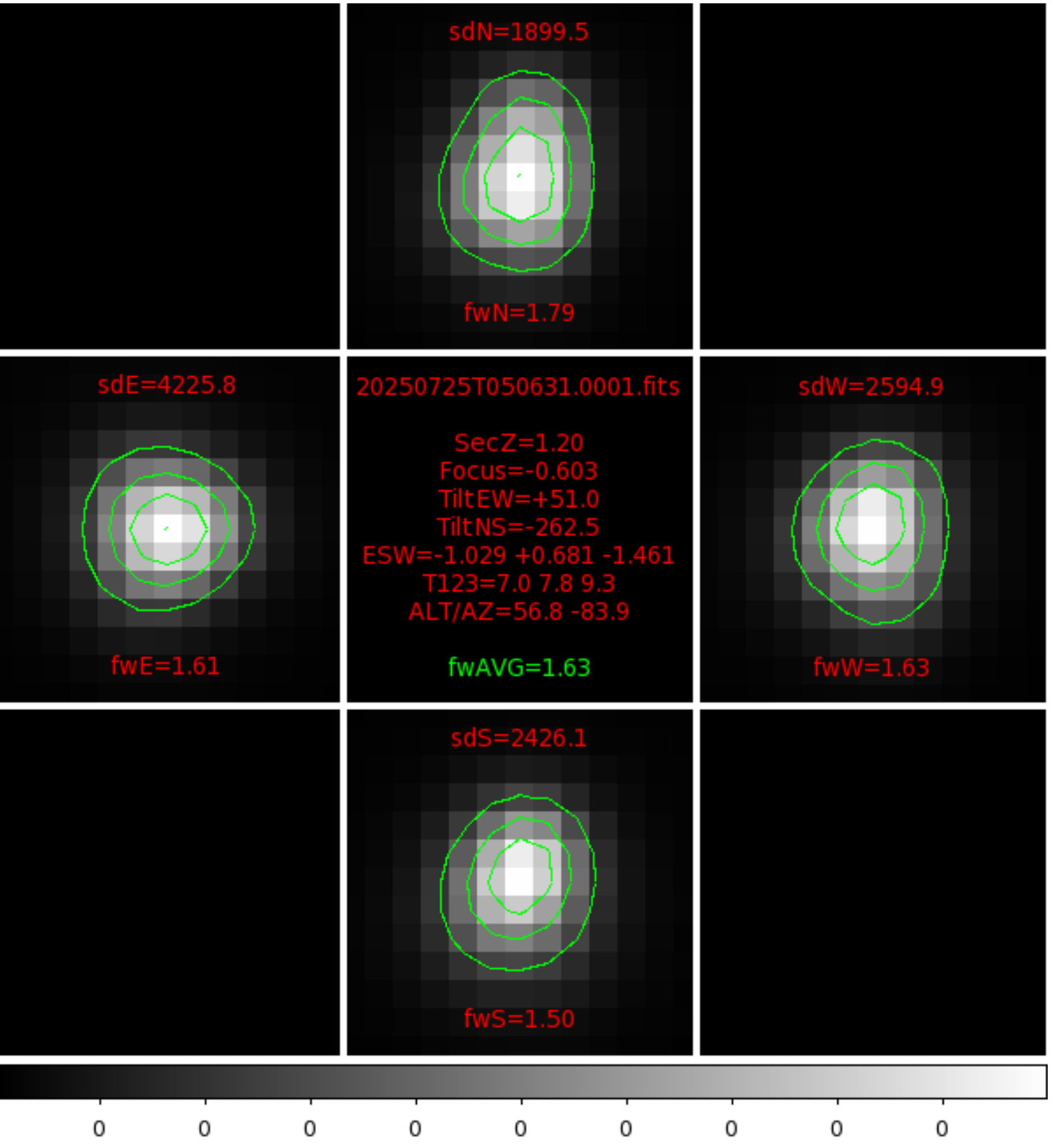
sdN=1899.5
fwN=1.79
sdE=4225.8
fwE=1.61
20250725T050631.0001.fits
SecZ=1.20
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.0 7.8 9.3
ALT/AZ=56.8 -83.9
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sdW=2594.9
fwW=1.63
sdS=2426.1
fwS=1.50
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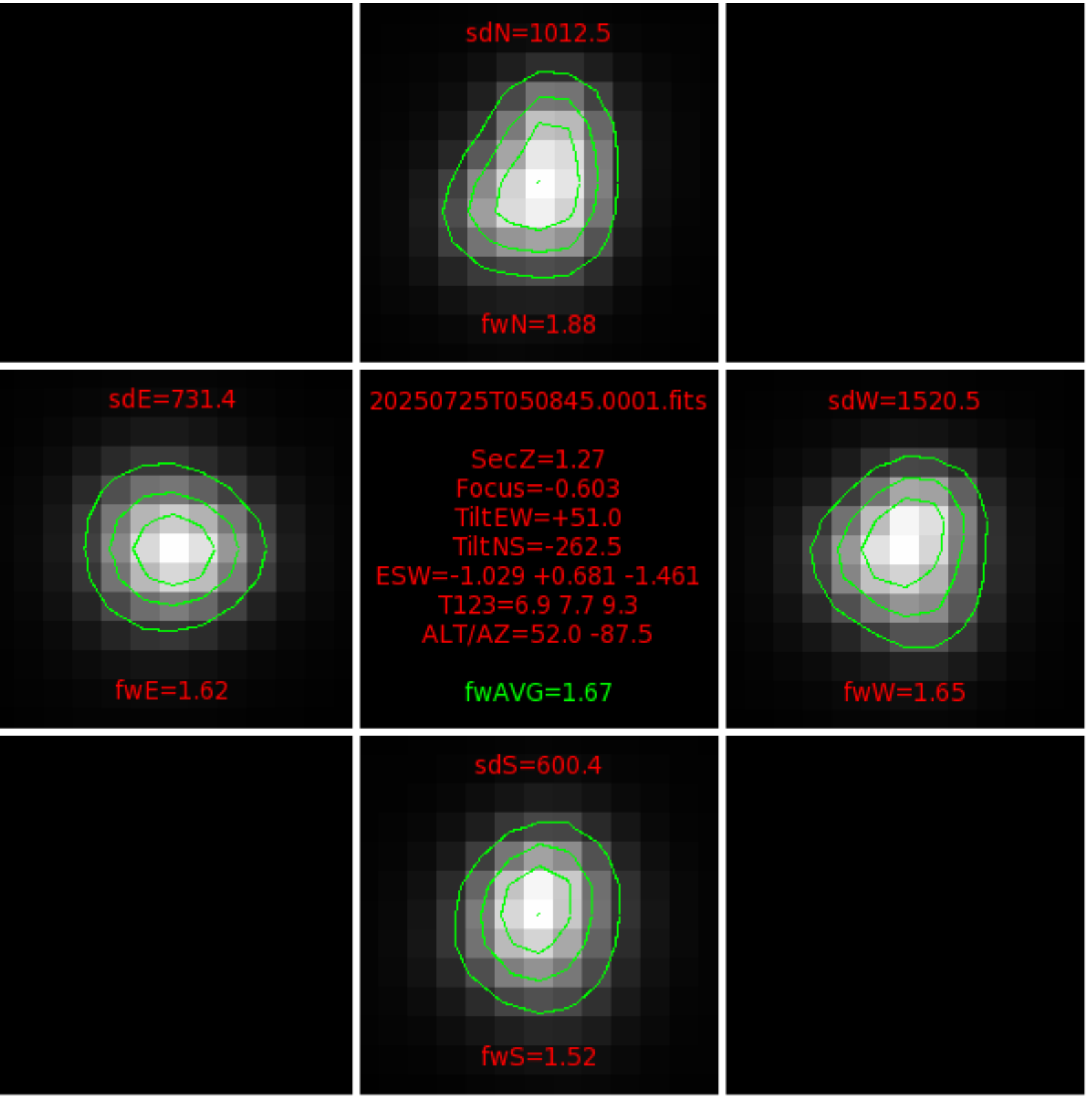
sdN=1012.5
fwN=1.88
sdE=731.4
fwE=1.62
20250725T050845.0001.fits
SecZ=1.27
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=6.9 7.7 9.3
ALT/AZ=52.0 -87.5
fwAVG=1.67
sdW=1520.5
fwW=1.65
sdS=600.4
fwS=1.52
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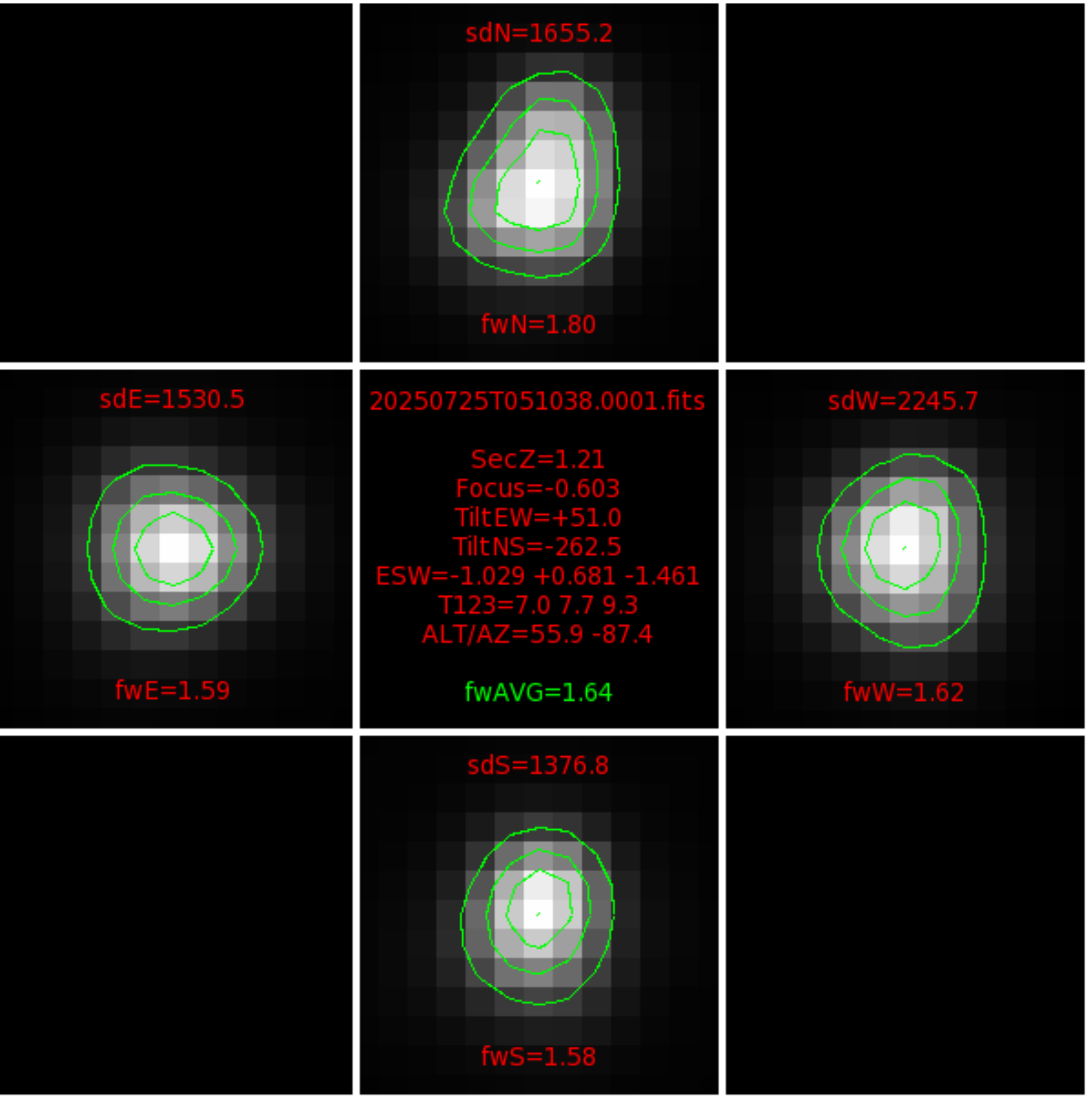
sdN=1655.2
fwN=1.80
sdE=1530.5
fwE=1.59
20250725T051038.0001.fits
SecZ=1.21
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.0 7.7 9.3
ALT/AZ=55.9 -87.4
fwAVG=1.64
sdW=2245.7
fwW=1.62
sdS=1376.8
fwS=1.58
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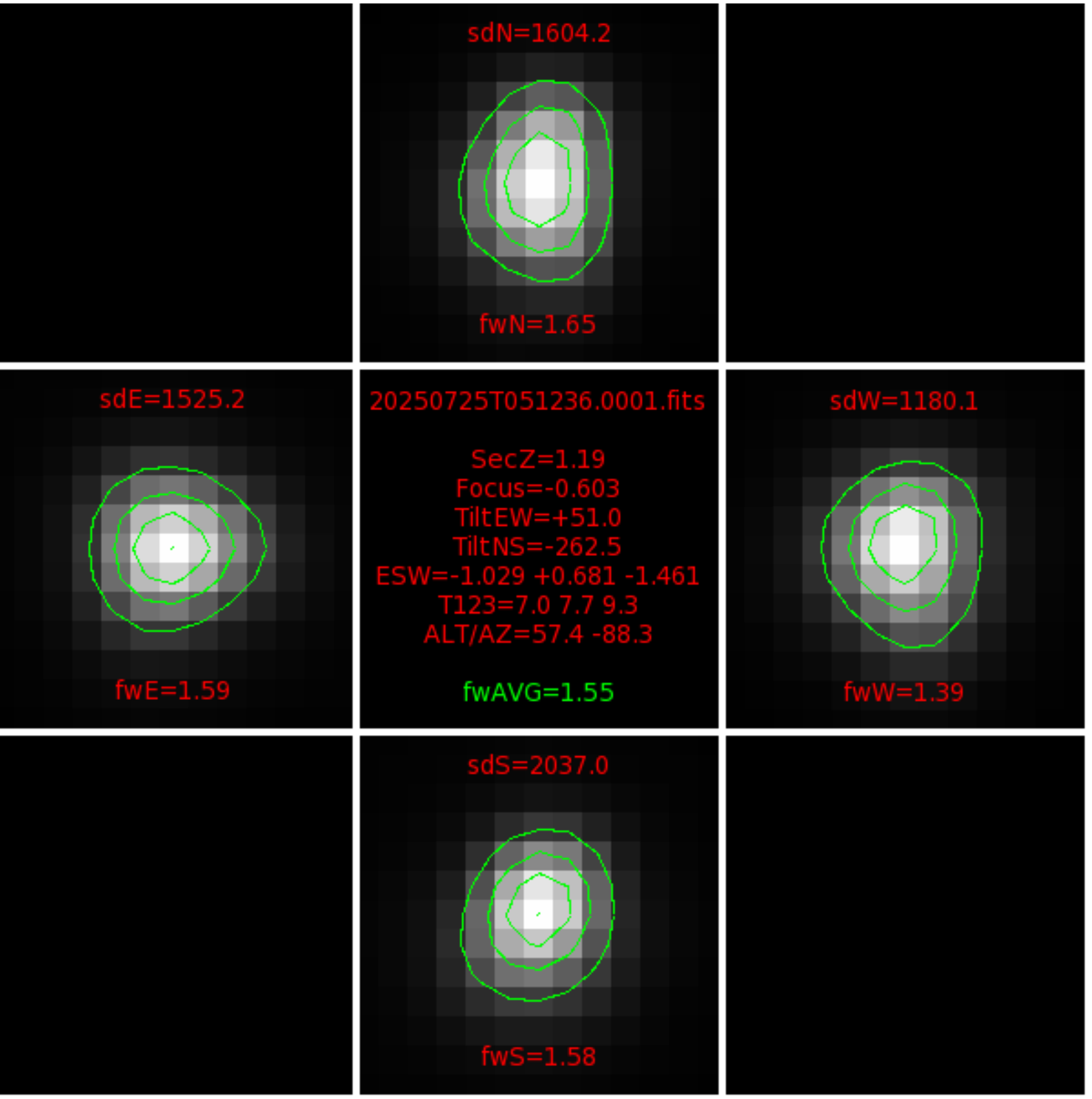
sdN=1604.2
fwN=1.65
sdE=1525.2
fwE=1.59
20250725T051236.0001.fits
SecZ=1.19
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.0 7.7 9.3
ALT/AZ=57.4 -88.3
fwAVG=1.55
sdW=1180.1
fwW=1.39
sdS=2037.0
fwS=1.58
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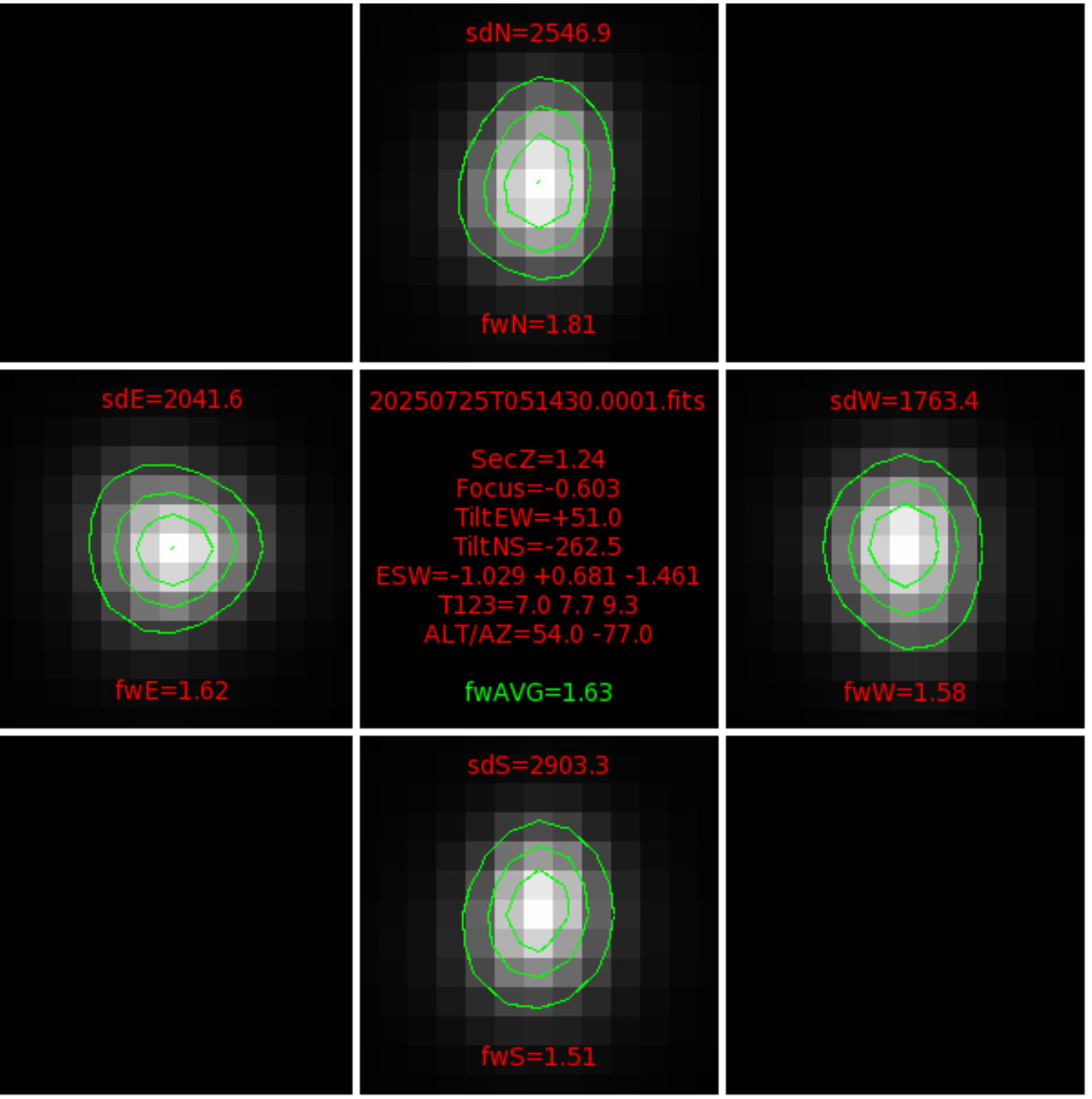
sdN=2546.9
fwN=1.81
sdE=2041.6
fwE=1.62
20250725T051430.0001.fits
SecZ=1.24
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.0 7.7 9.3
ALT/AZ=54.0 -77.0
fwAVG=1.63
sdW=1763.4
fwW=1.58
sdS=2903.3
fwS=1.51
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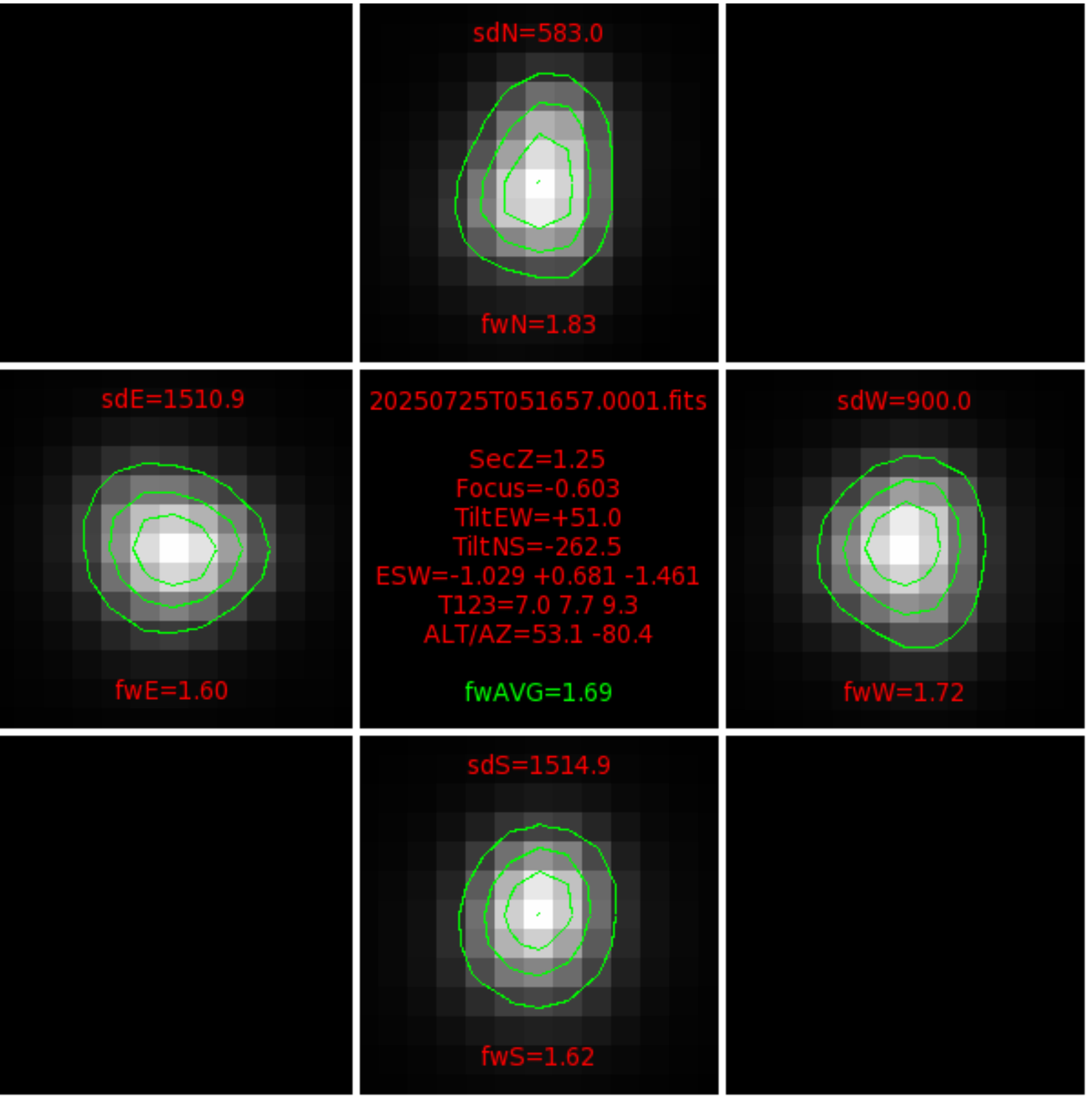
sdN=583.0
fwN=1.83
sdE=1510.9
fwE=1.60
20250725T051657.0001.fits
SecZ=1.25
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.0 7.7 9.3
ALT/AZ=53.1 -80.4
fwAVG=1.69
sdW=900.0
fwW=1.72
sdS=1514.9
fwS=1.62
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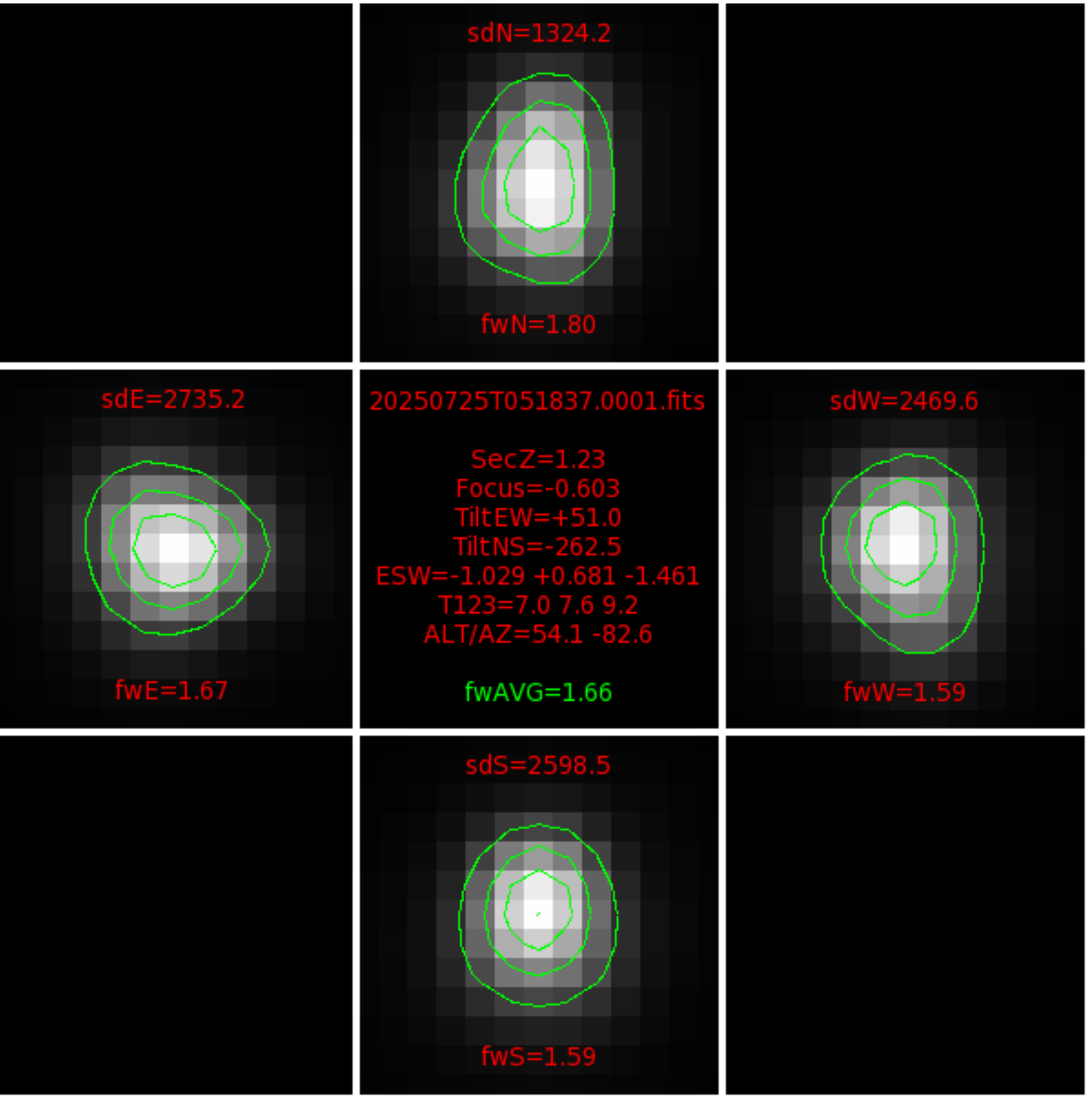
sdN=1324.2
fwN=1.80
sdE=2735.2
fwE=1.67
20250725T051837.0001.fits
SecZ=1.23
Focus=-0.603
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.029 +0.681 -1.461
T123=7.0 7.6 9.2
ALT/AZ=54.1 -82.6
fwAVG=1.66
sdW=2469.6
fwW=1.59
sdS=2598.5
fwS=1.59
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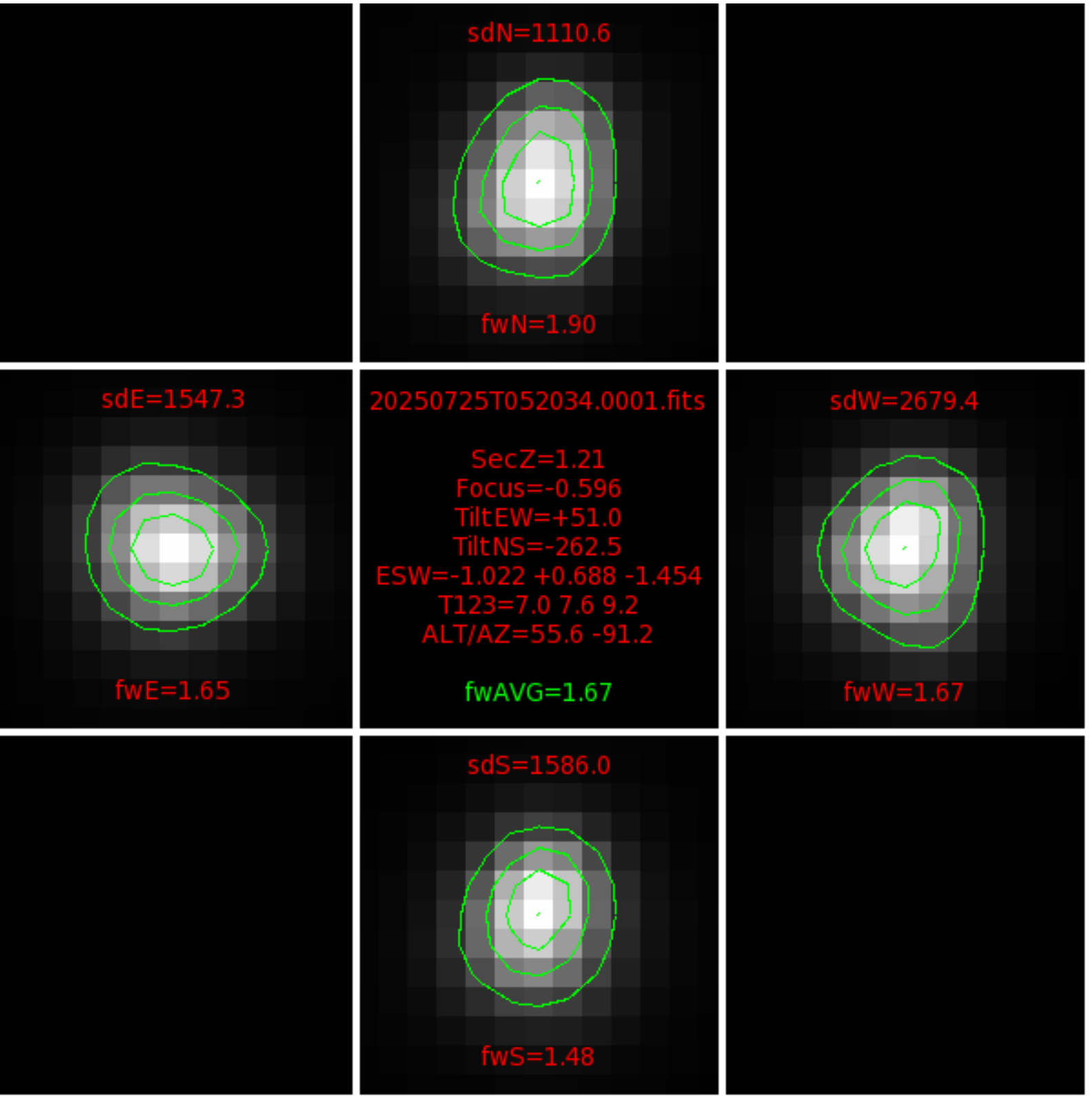
sdN=1110.6
fwN=1.90
sdE=1547.3
fwE=1.65
20250725T052034.0001.fits
SecZ=1.21
Focus=-0.596
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.022 +0.688 -1.454
T123=7.0 7.6 9.2
ALT/AZ=55.6 -91.2
fwAVG=1.67
sdW=2679.4
fwW=1.67
sdS=1586.0
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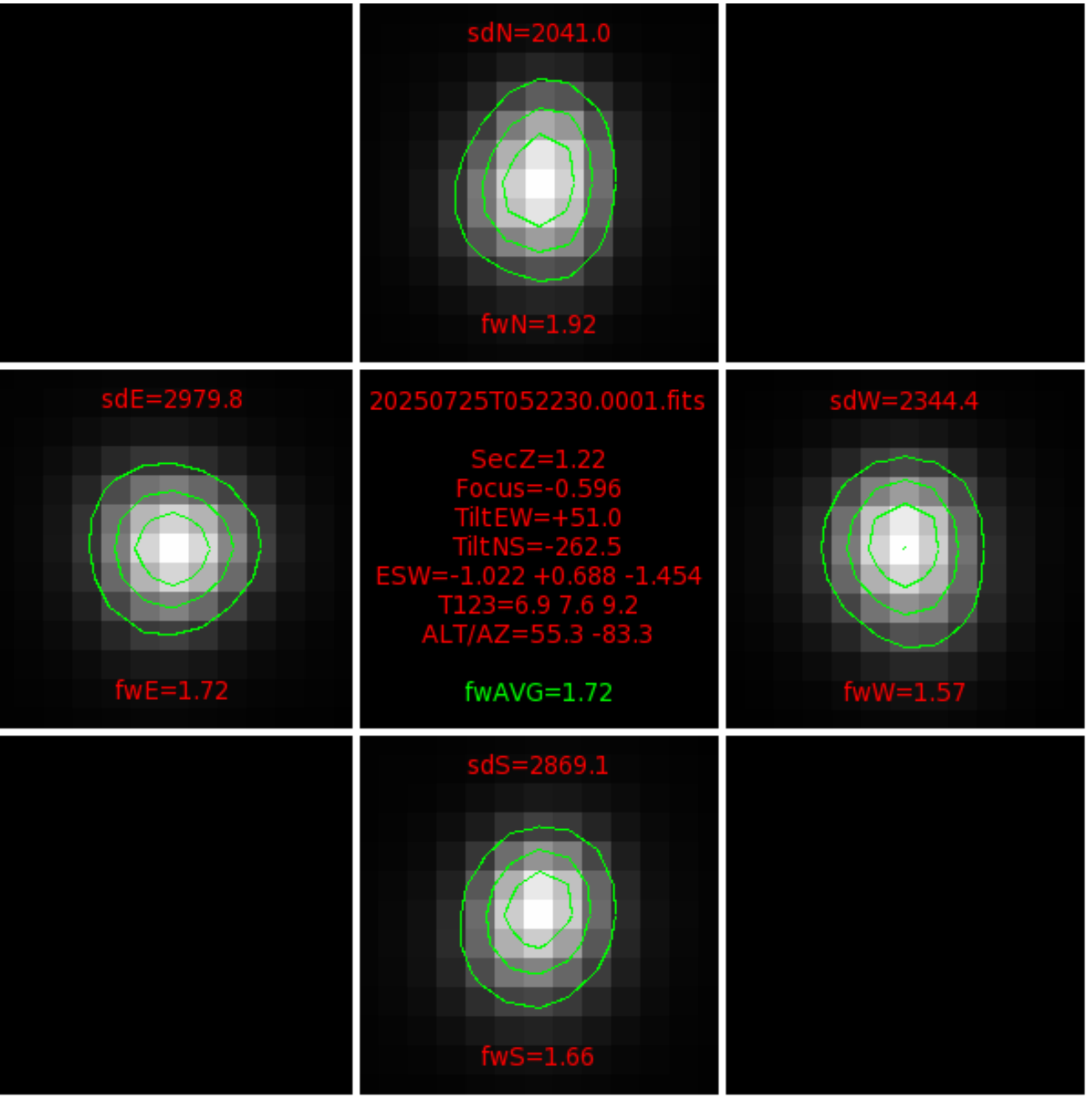
sdN=2041.0
fwN=1.92
sdE=2979.8
fwE=1.72
20250725T052230.0001.fits
SecZ=1.22
Focus=-0.596
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.022 +0.688 -1.454
T123=6.9 7.6 9.2
ALT/AZ=55.3 -83.3
fwAVG=1.72
sdW=2344.4
fwW=1.57
sdS=2869.1
fwS=1.66
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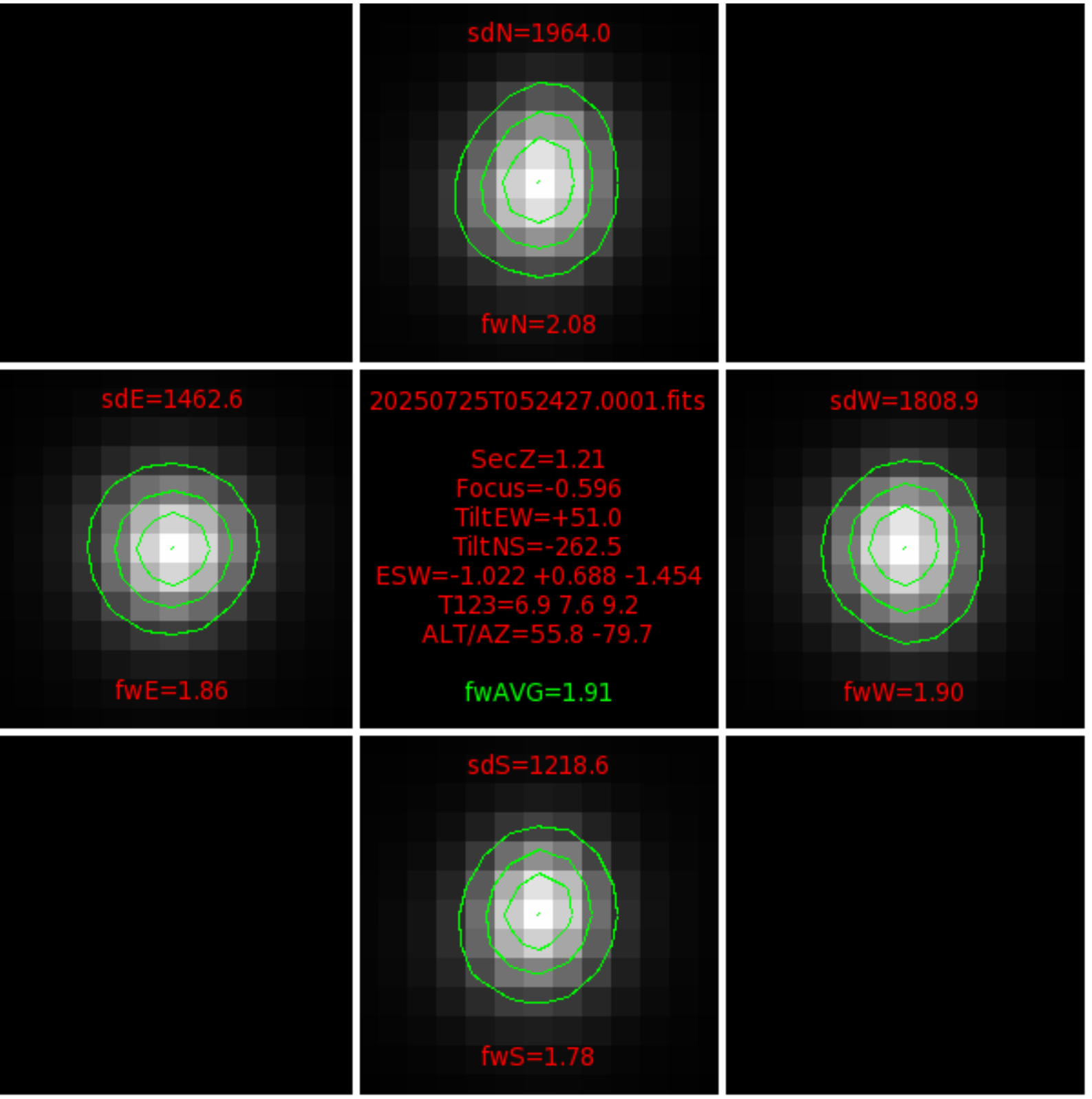
sdN=1964.0
fwN=2.08
sdE=1462.6
fwE=1.86
20250725T052427.0001.fits
SecZ=1.21
Focus=-0.596
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.022 +0.688 -1.454
T123=6.9 7.6 9.2
ALT/AZ=55.8 -79.7
fwAVG=1.91
sdW=1808.9
fwW=1.90
sdS=1218.6
fwS=1.78
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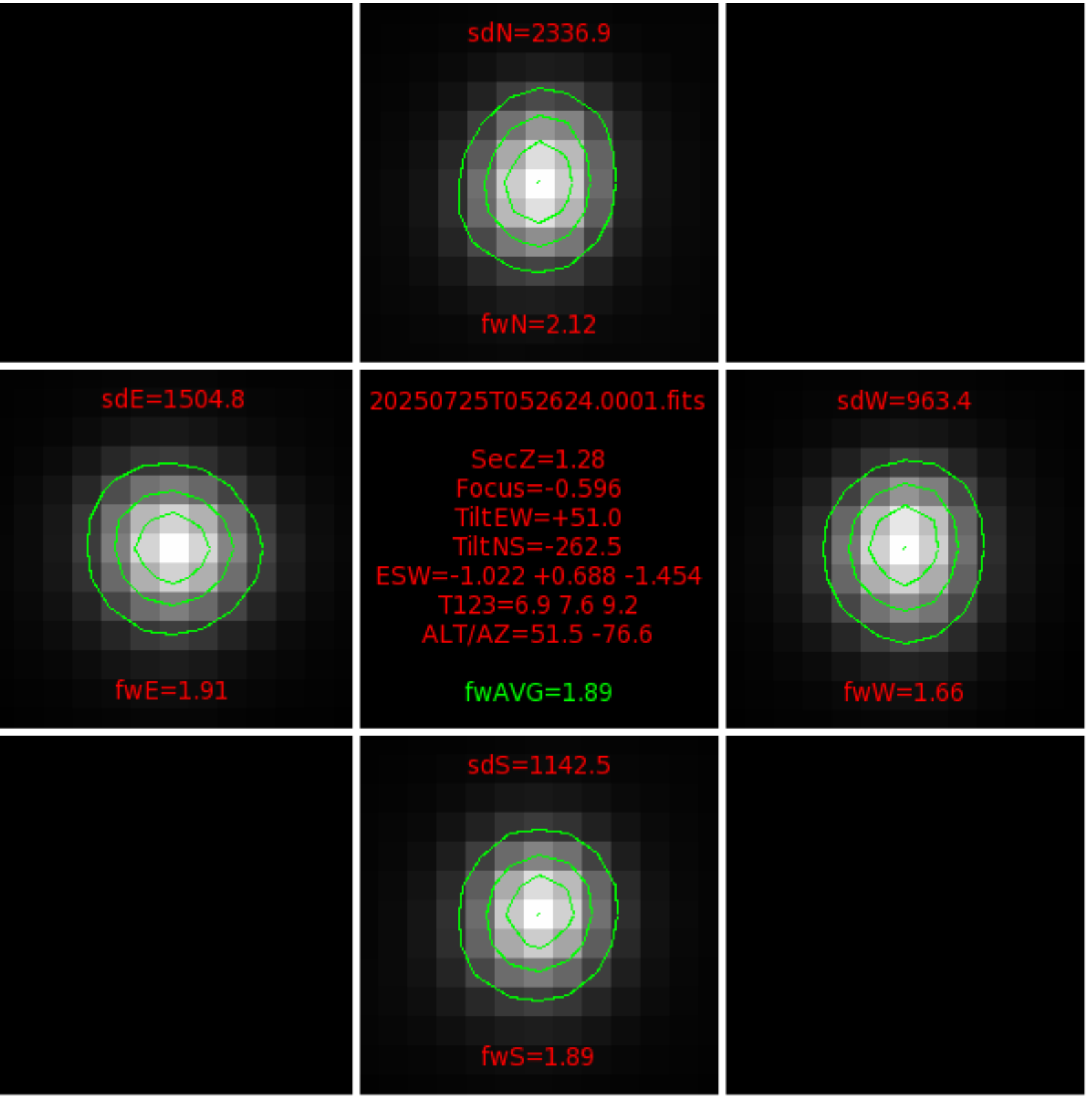
sdN=2336.9
fwN=2.12
sdE=1504.8
fwE=1.91
20250725T052624.0001.fits
SecZ=1.28
Focus=-0.596
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.022 +0.688 -1.454
T123=6.9 7.6 9.2
ALT/AZ=51.5 -76.6
fwAVG=1.89
sdW=963.4
fwW=1.66
sdS=1142.5
fwS=1.89
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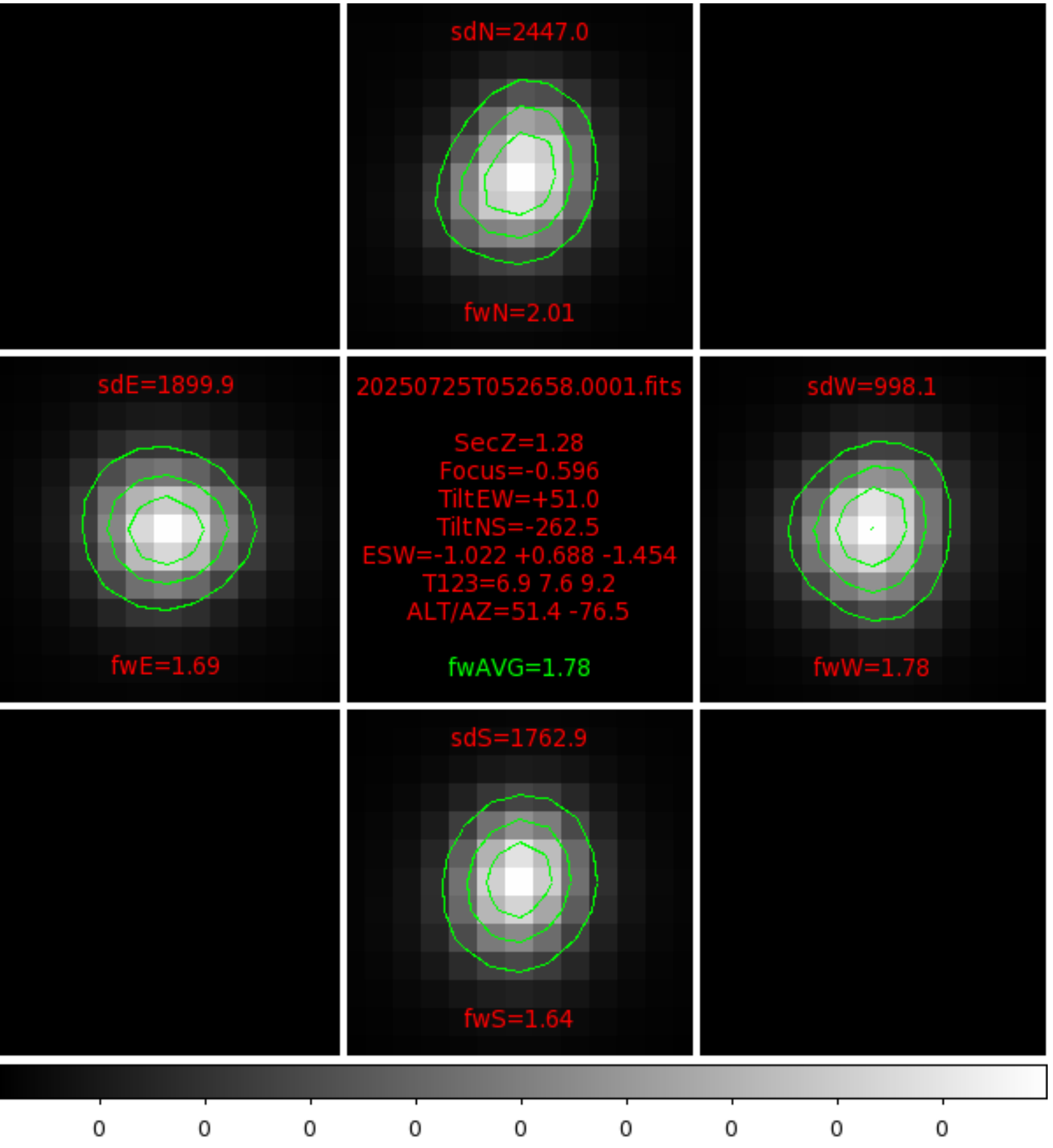
sdN=2447.0
fwN=2.01
sdE=1899.9
fwE=1.69
20250725T052658.0001.fits
SecZ=1.28
Focus=-0.596
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.022 +0.688 -1.454
T123=6.9 7.6 9.2
ALT/AZ=51.4 -76.5
fwAVG=1.78
sdW=998.1
fwW=1.78
sdS=1762.9
fwS=1.64
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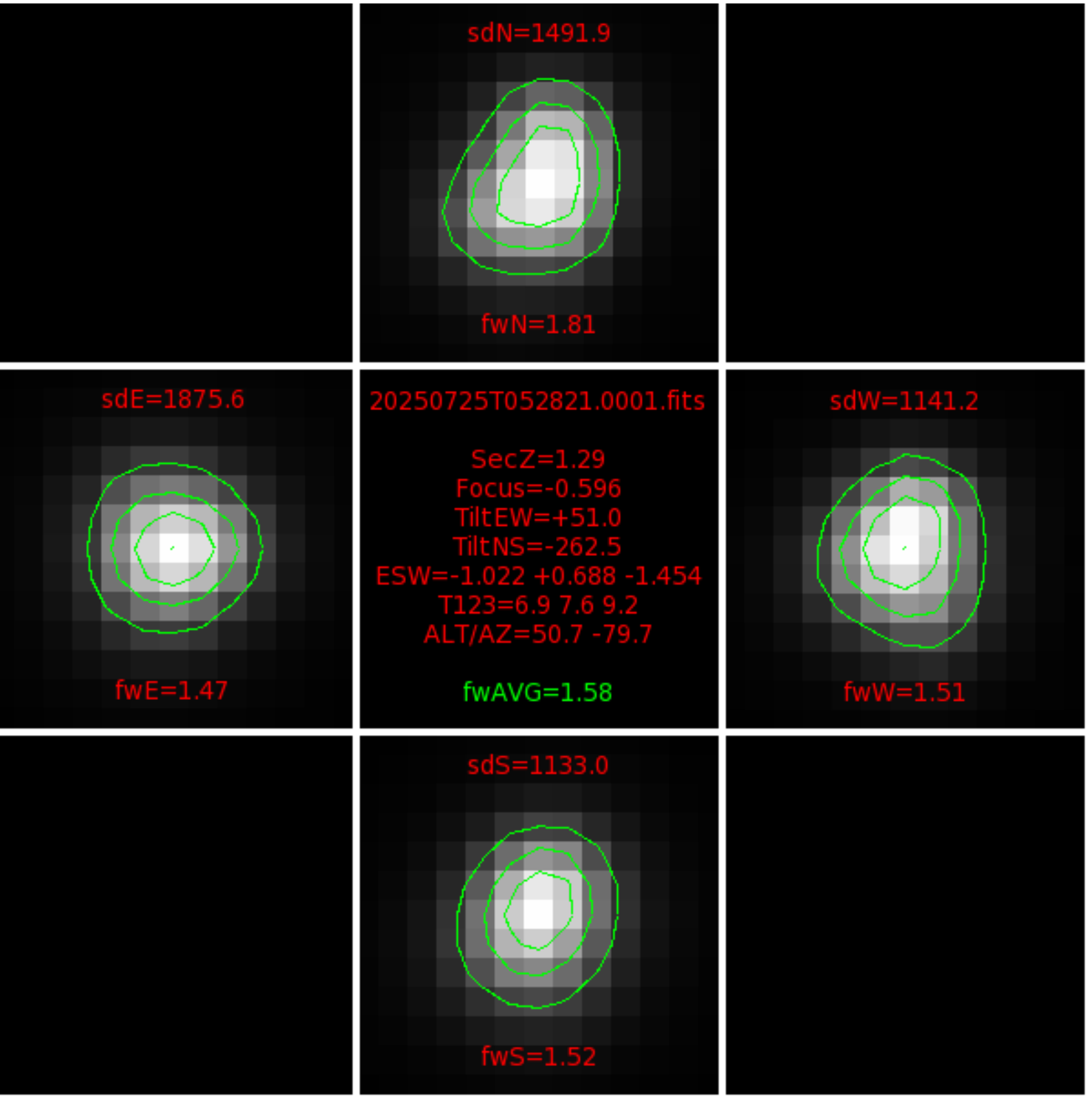
sdN=1491.9
fwN=1.81
sdE=1875.6
fwE=1.47
20250725T052821.0001.fits
SecZ=1.29
Focus=-0.596
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.022 +0.688 -1.454
T123=6.9 7.6 9.2
ALT/AZ=50.7 -79.7
fwAVG=1.58
sdW=1141.2
fwW=1.51
sdS=1133.0
fwS=1.52
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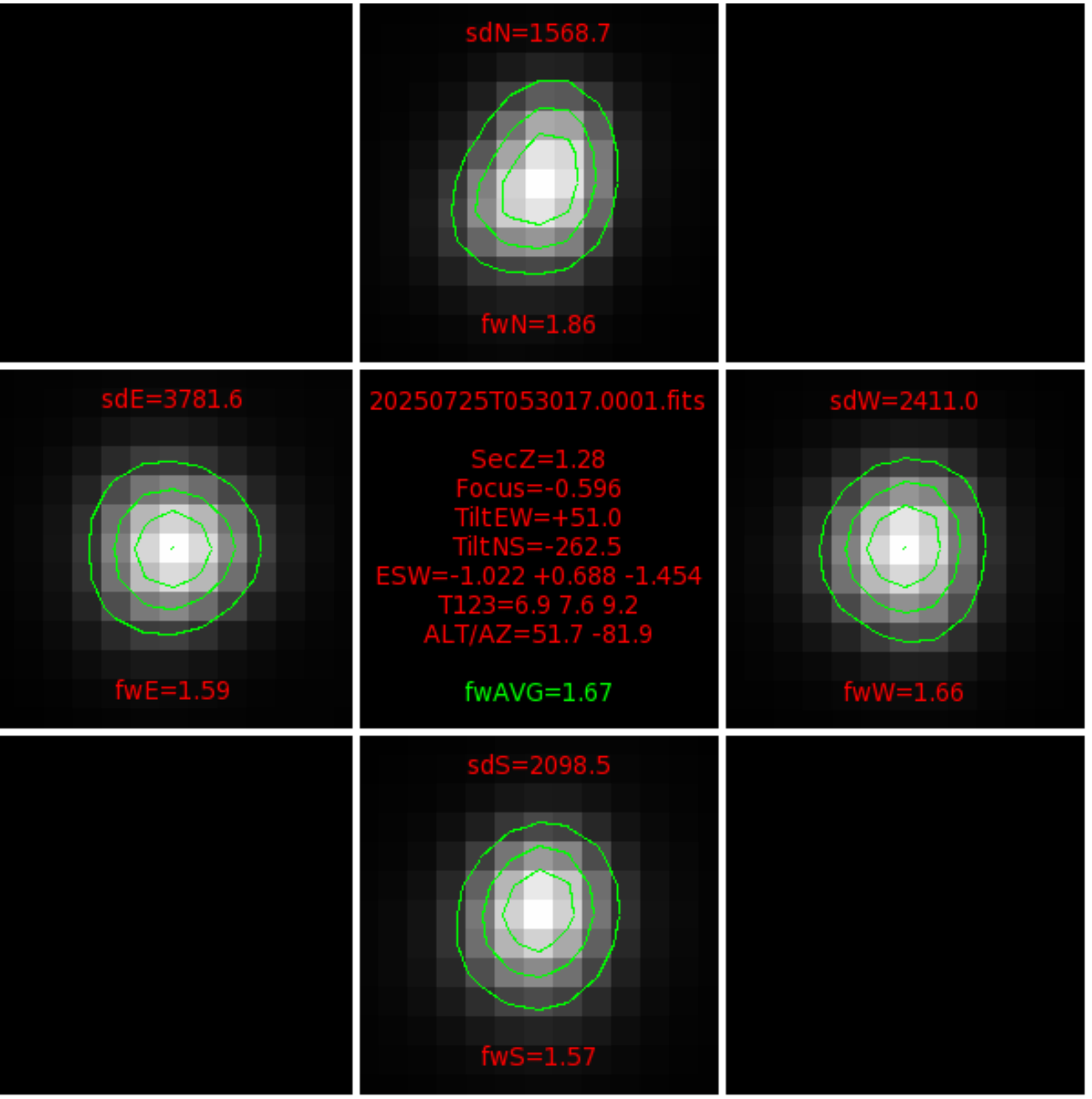
sdN=1568.7
fwN=1.86
sdE=3781.6
fwE=1.59
20250725T053017.0001.fits
SecZ=1.28
Focus=-0.596
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.022 +0.688 -1.454
T123=6.9 7.6 9.2
ALT/AZ=51.7 -81.9
fwAVG=1.67
sdW=2411.0
fwW=1.66
sdS=2098.5
fwS=1.57
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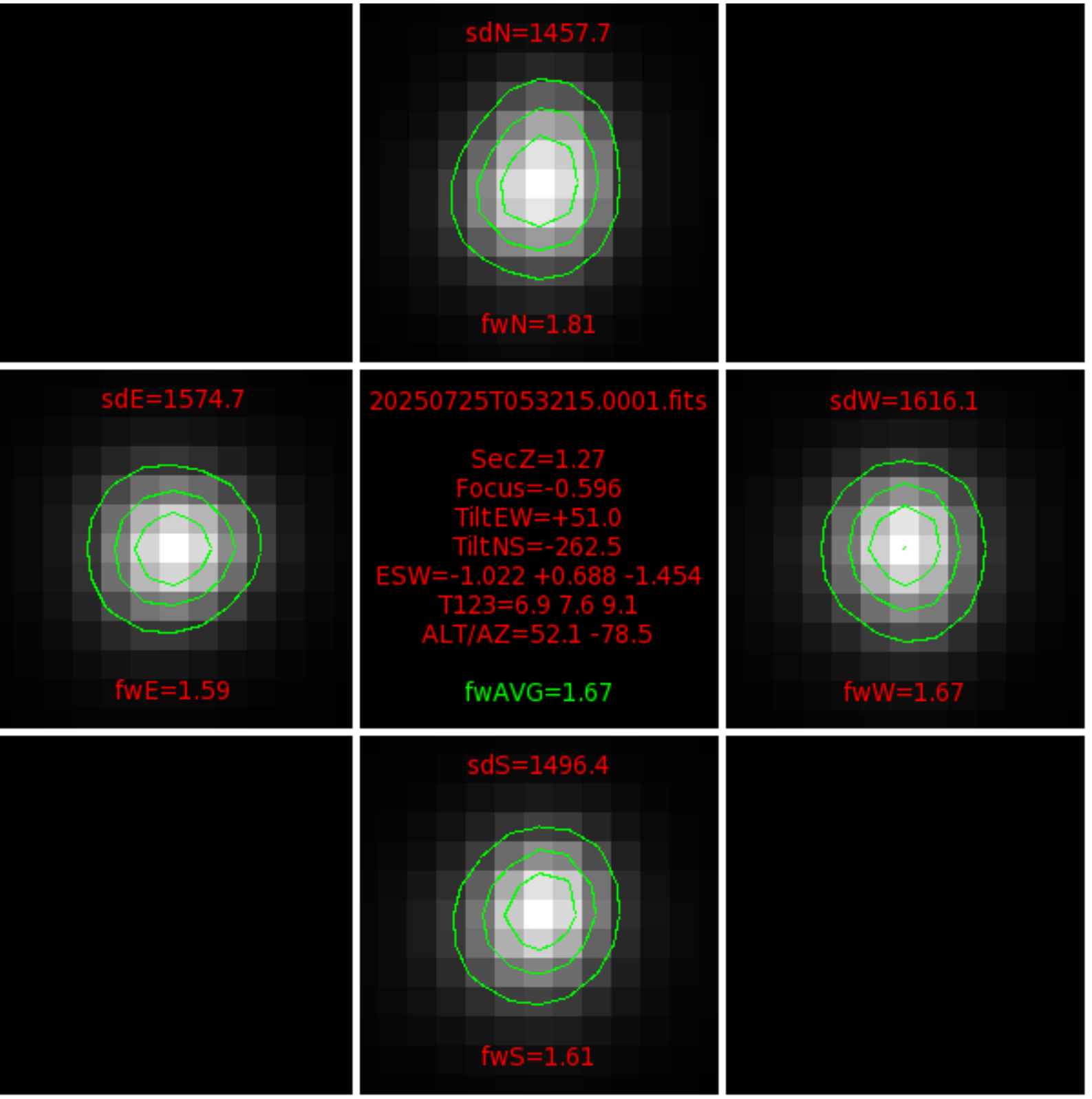
sdN=1457.7
fwN=1.81
sdE=1574.7
fwE=1.59
20250725T053215.0001.fits
SecZ=1.27
Focus=-0.596
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.022 +0.688 -1.454
T123=6.9 7.6 9.1
ALT/AZ=52.1 -78.5
fwAVG=1.67
sdW=1616.1
fwW=1.67
sdS=1496.4
fwS=1.61
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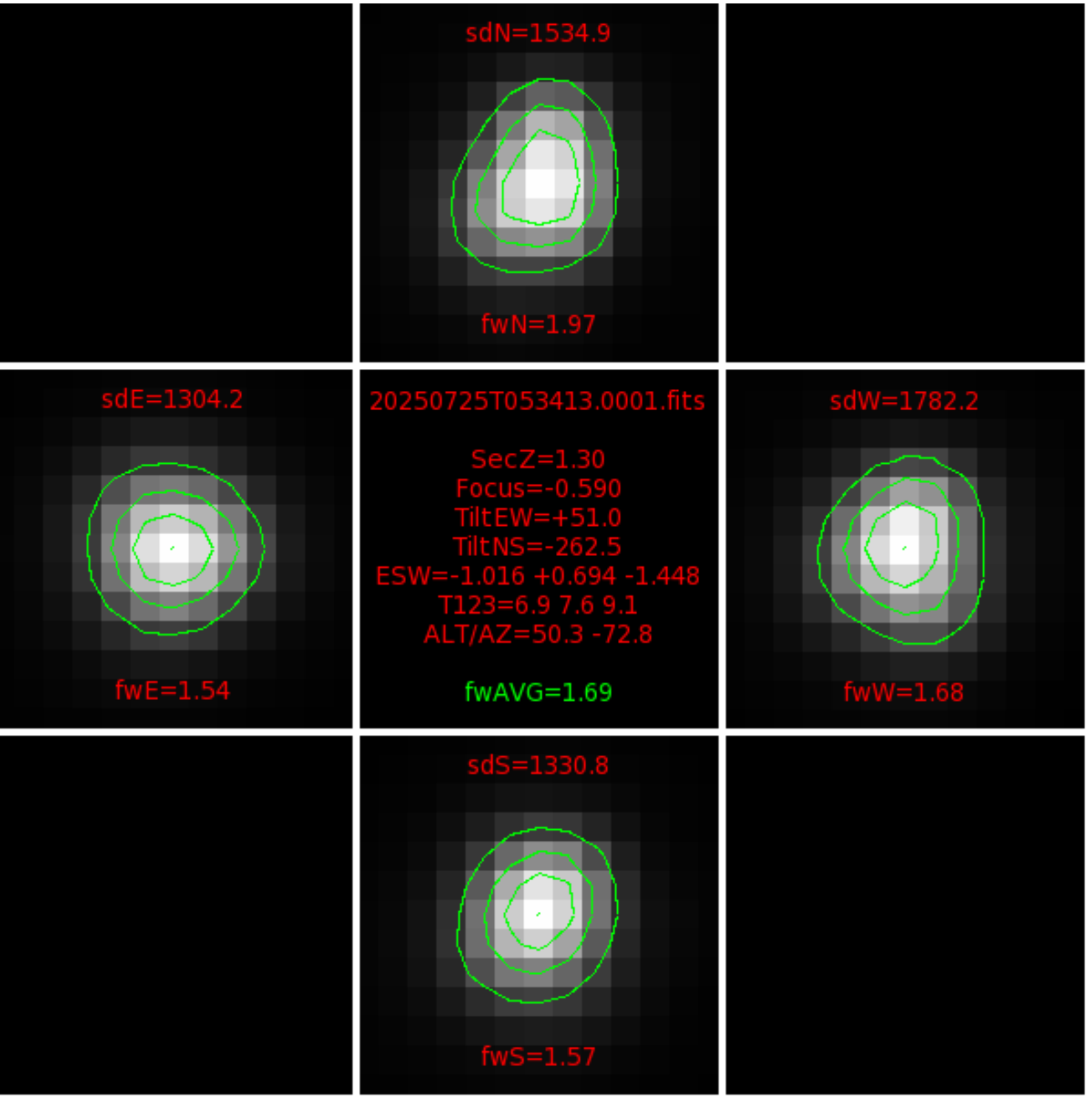
sdN=1534.9
fwN=1.97
sdE=1304.2
fwE=1.54
20250725T053413.0001.fits
SecZ=1.30
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=6.9 7.6 9.1
ALT/AZ=50.3 -72.8
fwAVG=1.69
sdW=1782.2
fwW=1.68
sdS=1330.8
fwS=1.57
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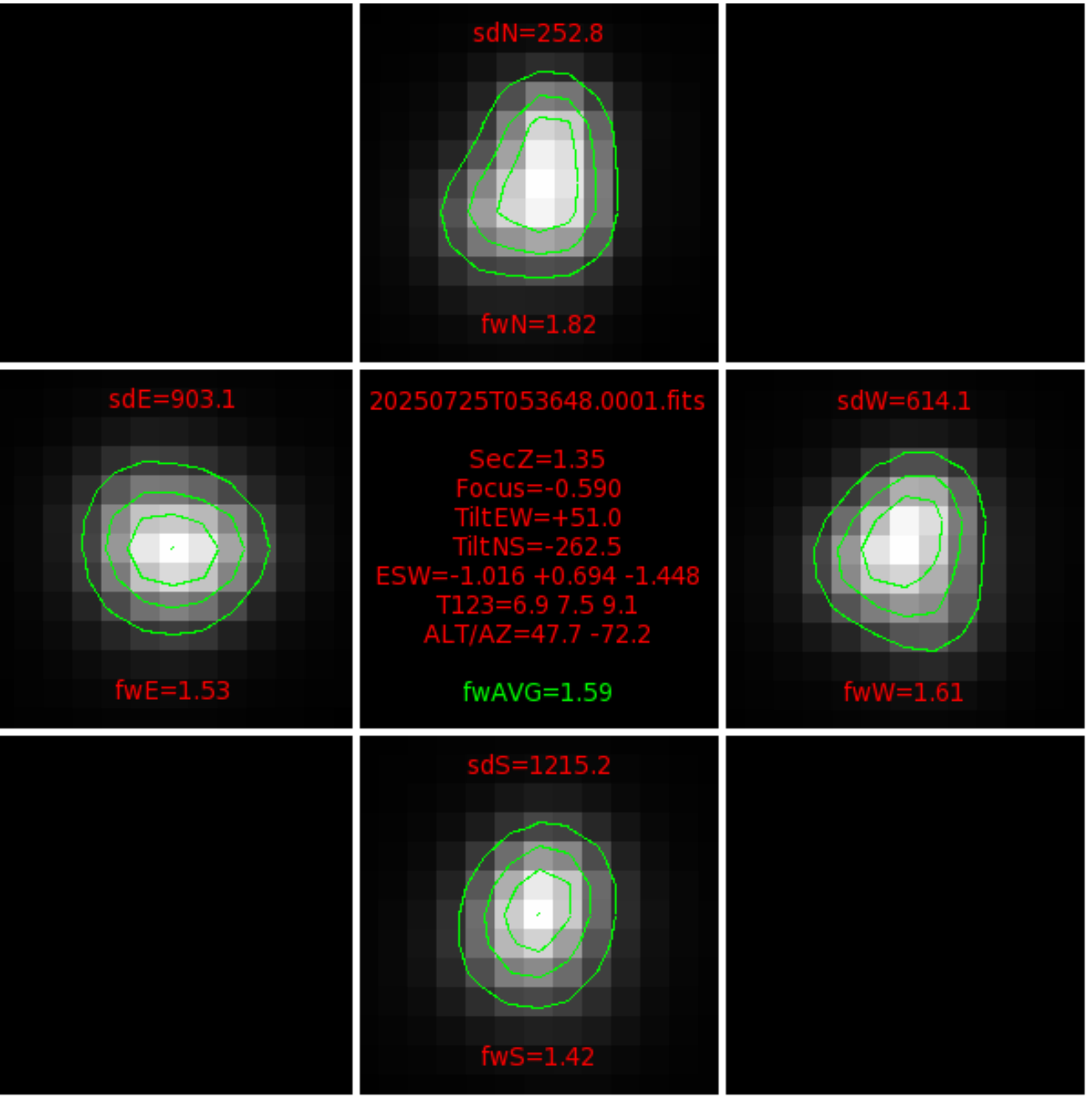
sdN=252.8
fwN=1.82
sdE=903.1
fwE=1.53
20250725T053648.0001.fits
SecZ=1.35
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=6.9 7.5 9.1
ALT/AZ=47.7 -72.2
fwAVG=1.59
sdW=614.1
fwW=1.61
sdS=1215.2
fwS=1.42
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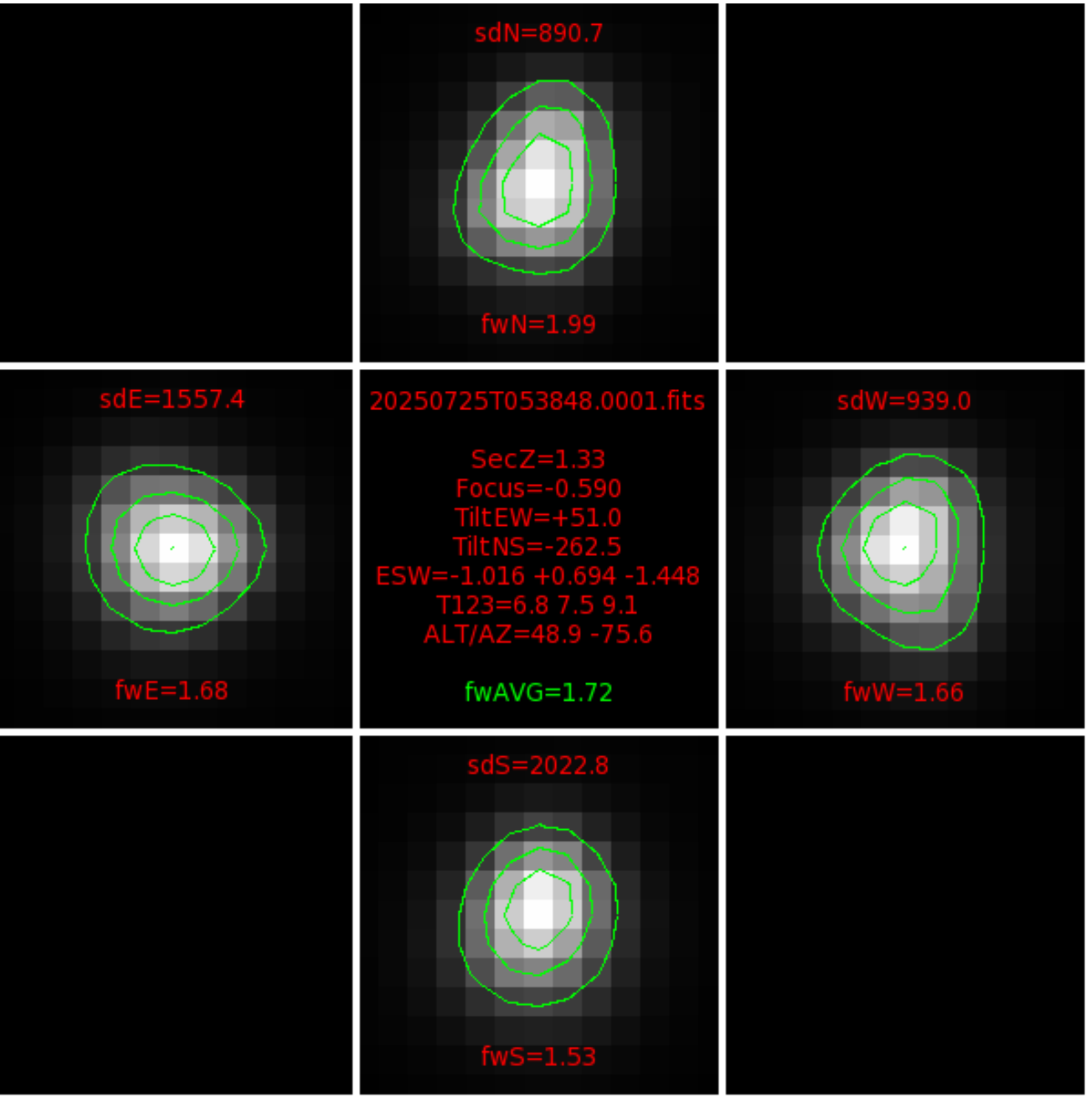
sdN=890.7
fwN=1.99
sdE=1557.4
fwE=1.68
20250725T053848.0001.fits
SecZ=1.33
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=6.8 7.5 9.1
ALT/AZ=48.9 -75.6
fwAVG=1.72
sdW=939.0
fwW=1.66
sdS=2022.8
fwS=1.53
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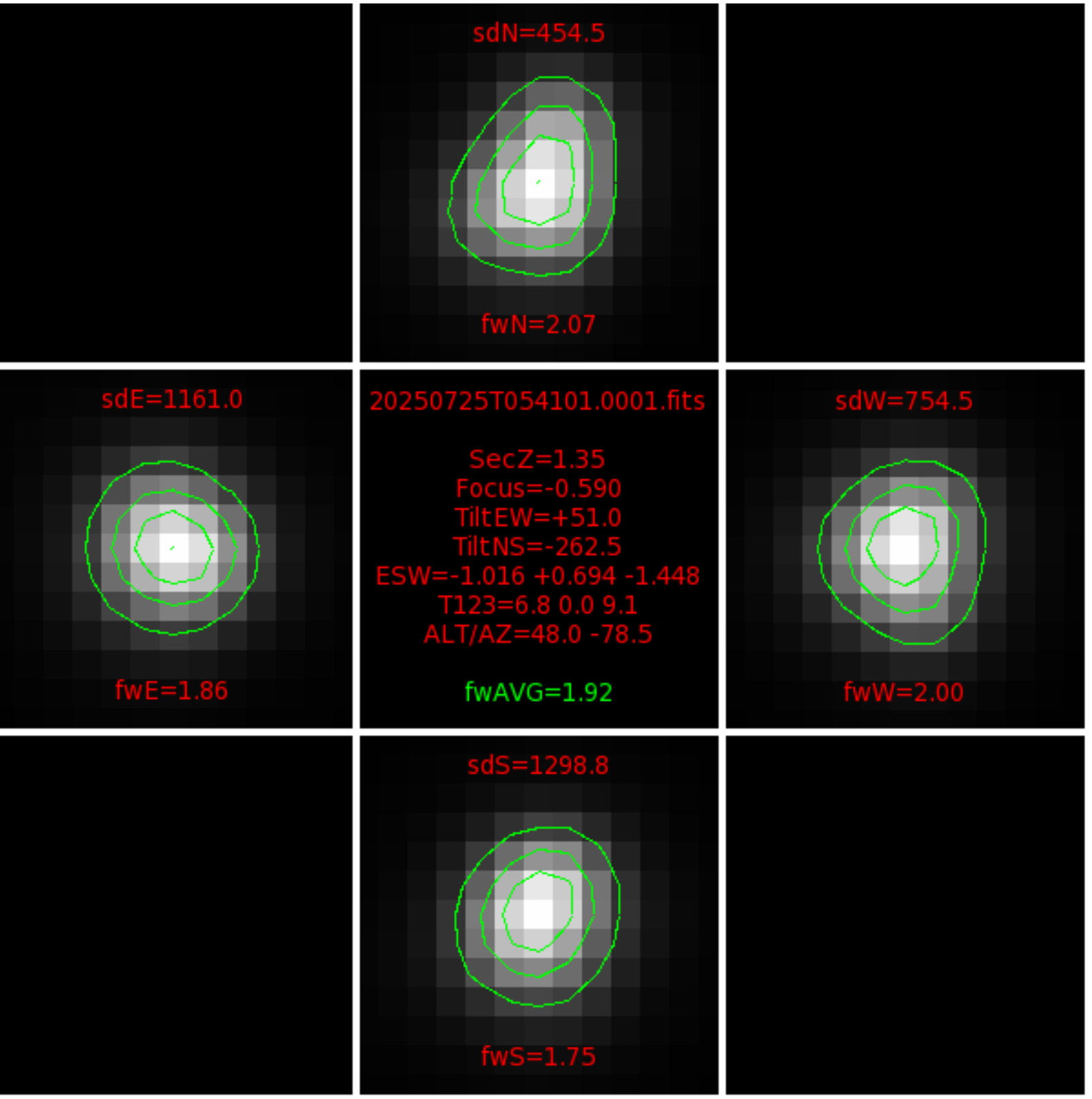
sdN=454.5
fwN=2.07
sdE=1161.0
fwE=1.86
20250725T054101.0001.fits
SecZ=1.35
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=6.8 0.0 9.1
ALT/AZ=48.0 -78.5
fwAVG=1.92
sdW=754.5
fwW=2.00
sdS=1298.8
fwS=1.75
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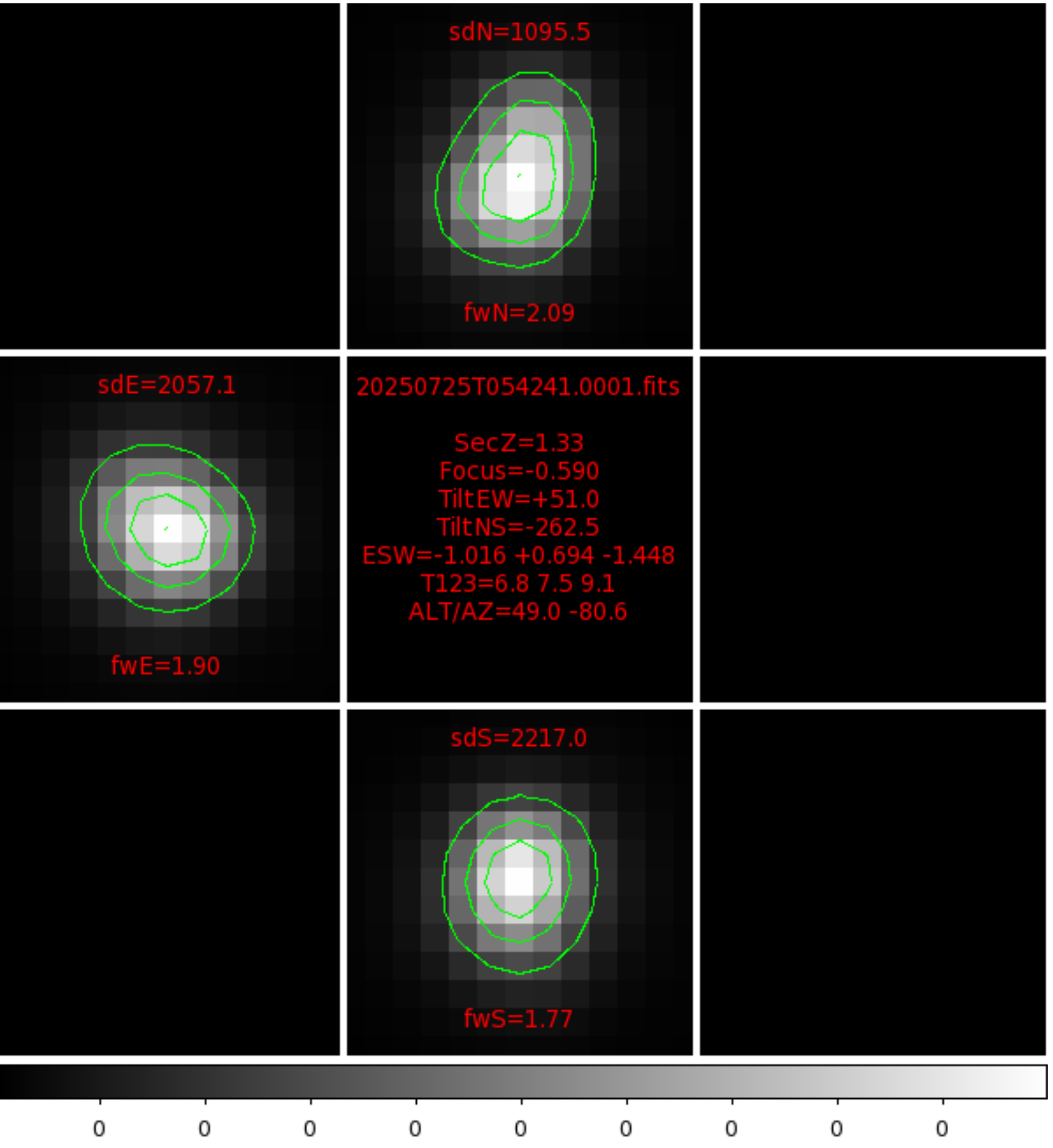
sdN=1095.5
fwN=2.09
sdE=2057.1
fwE=1.90
20250725T054241.0001.fits
SecZ=1.33
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=6.8 7.5 9.1
ALT/AZ=49.0 -80.6
sdS=2217.0
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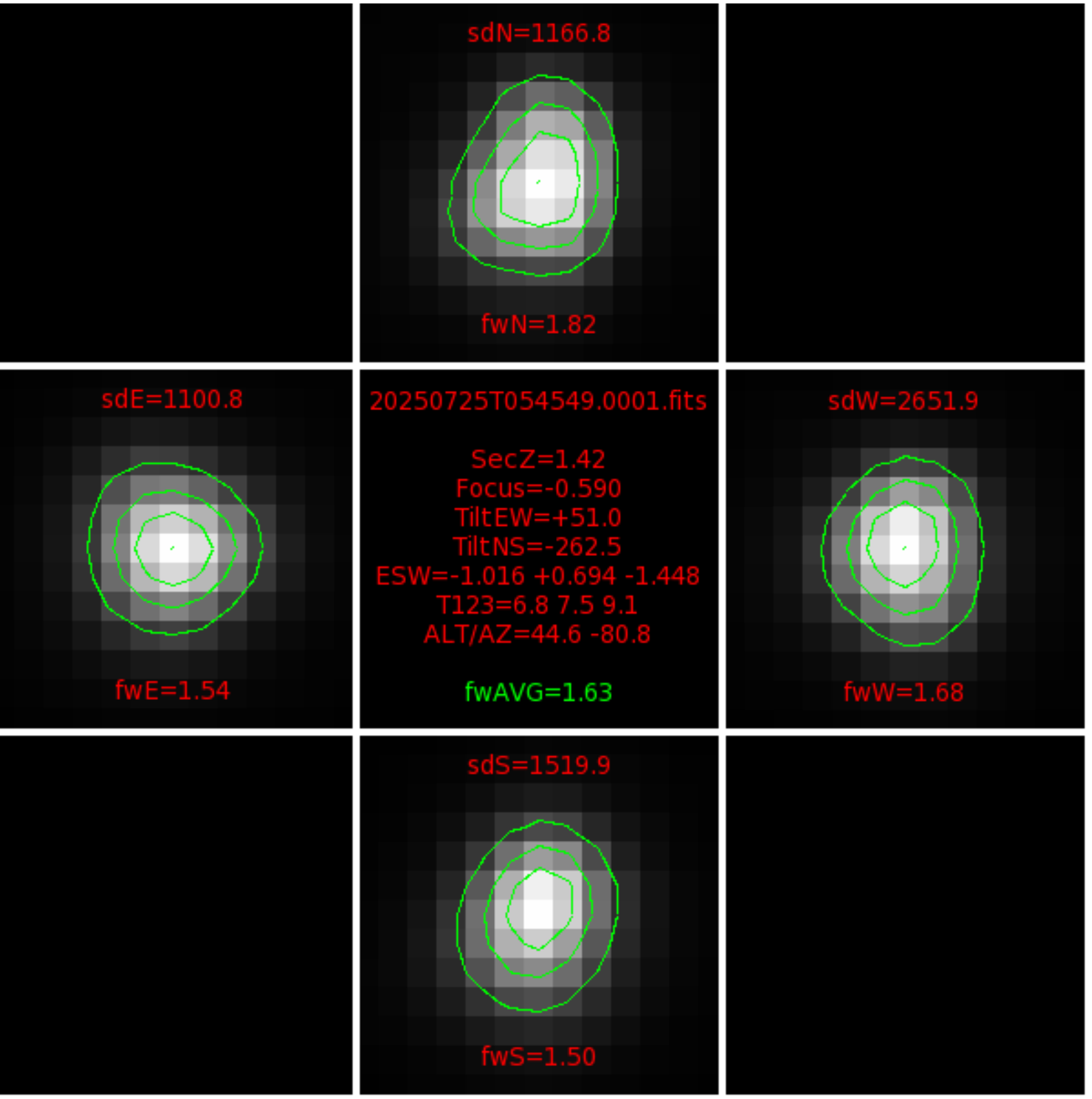
sdN=1166.8
fwN=1.82
sdE=1100.8
fwE=1.54
20250725T054549.0001.fits
SecZ=1.42
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=6.8 7.5 9.1
ALT/AZ=44.6 -80.8
fwAVG=1.63
sdW=2651.9
fwW=1.68
sdS=1519.9
fwS=1.50
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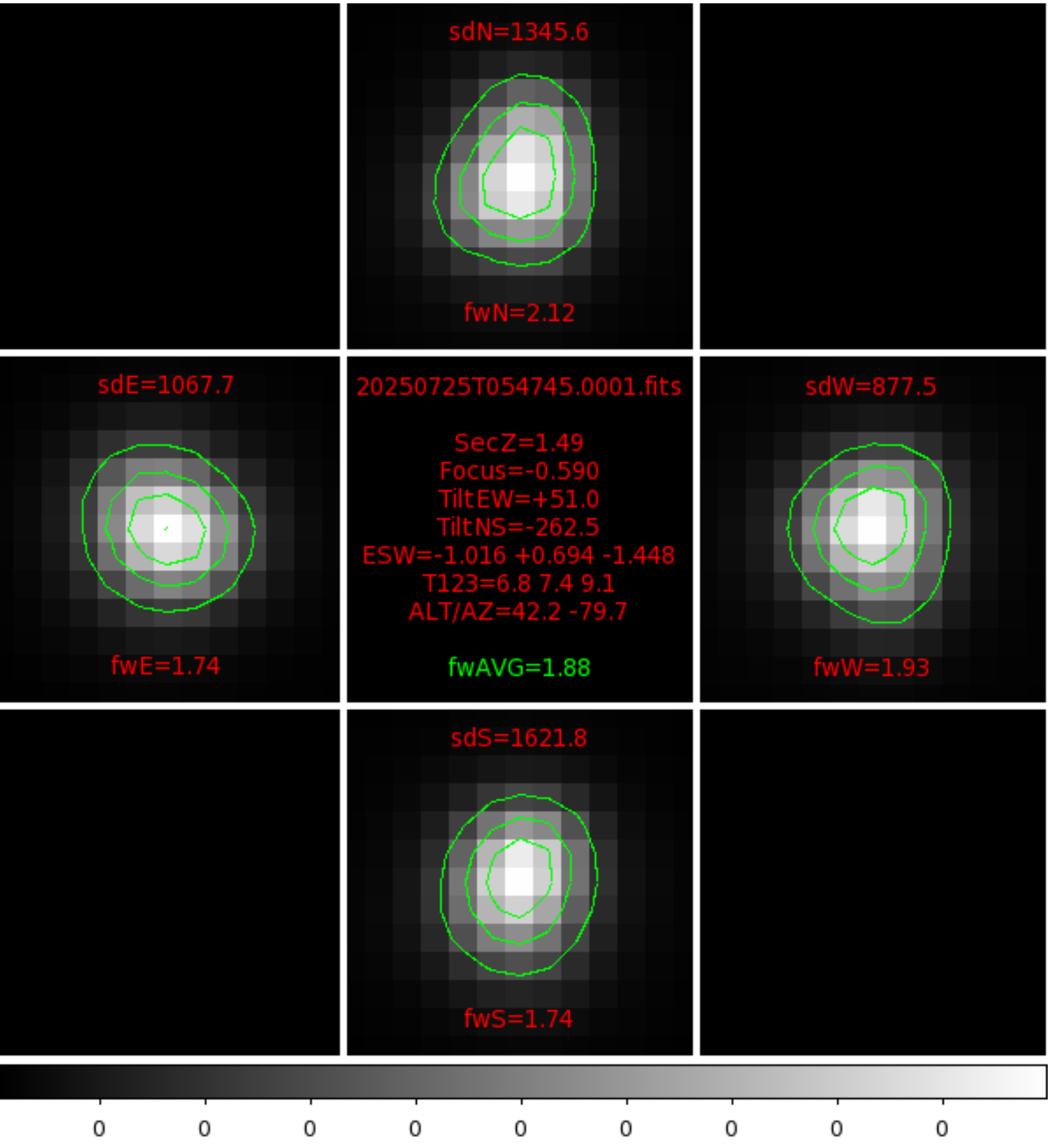
sdN=1345.6
fwN=2.12
sdE=1067.7
fwE=1.74
20250725T054745.0001.fits
SecZ=1.49
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=6.8 7.4 9.1
ALT/AZ=42.2 -79.7
fwAVG=1.88
sdW=877.5
fwW=1.93
sdS=1621.8
fwS=1.74
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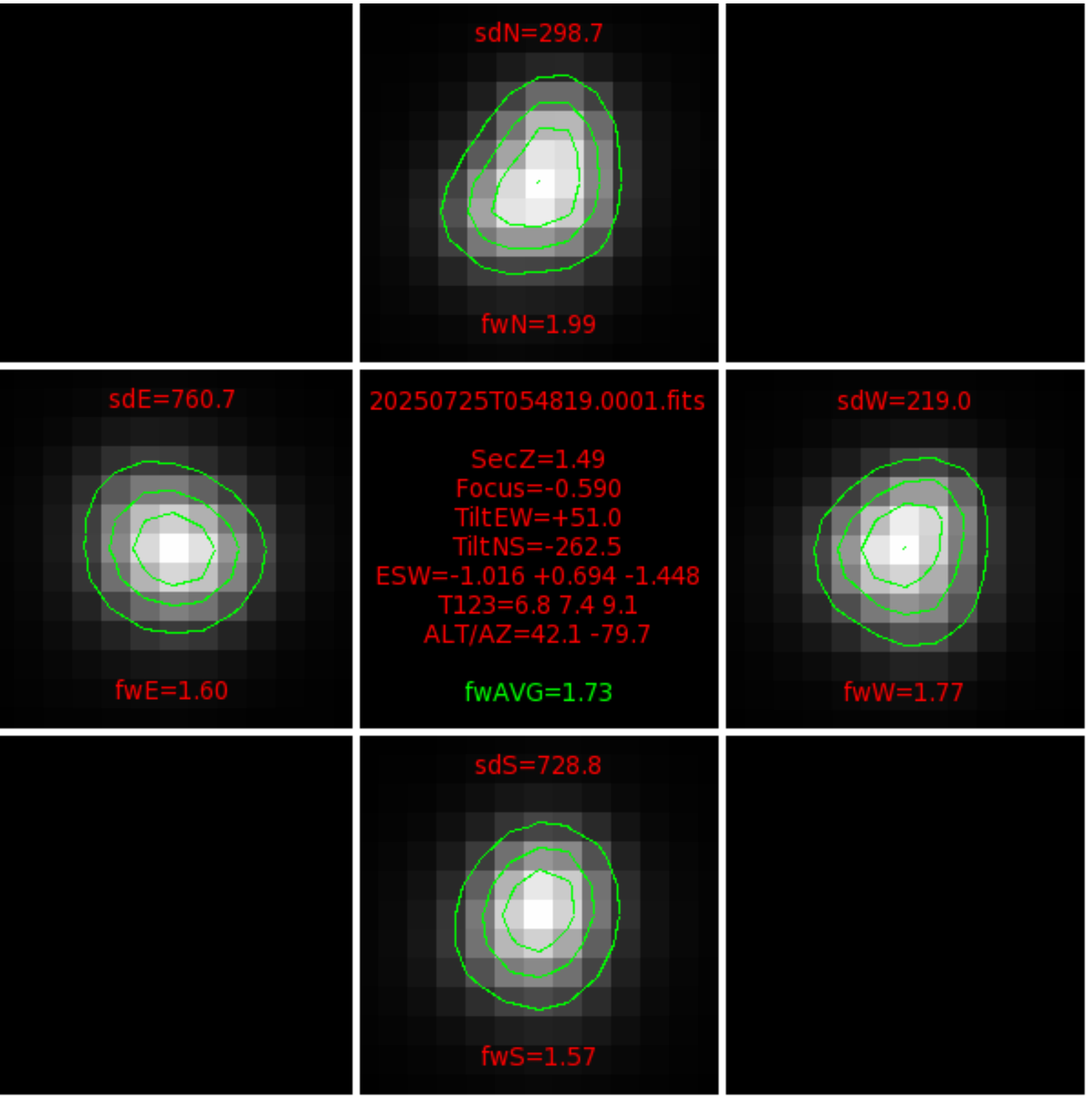
sdN=298.7
fwN=1.99
sdE=760.7
fwE=1.60
20250725T054819.0001.fits
SecZ=1.49
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=6.8 7.4 9.1
ALT/AZ=42.1 -79.7
fwAVG=1.73
sdW=219.0
fwW=1.77
sdS=728.8
fwS=1.57
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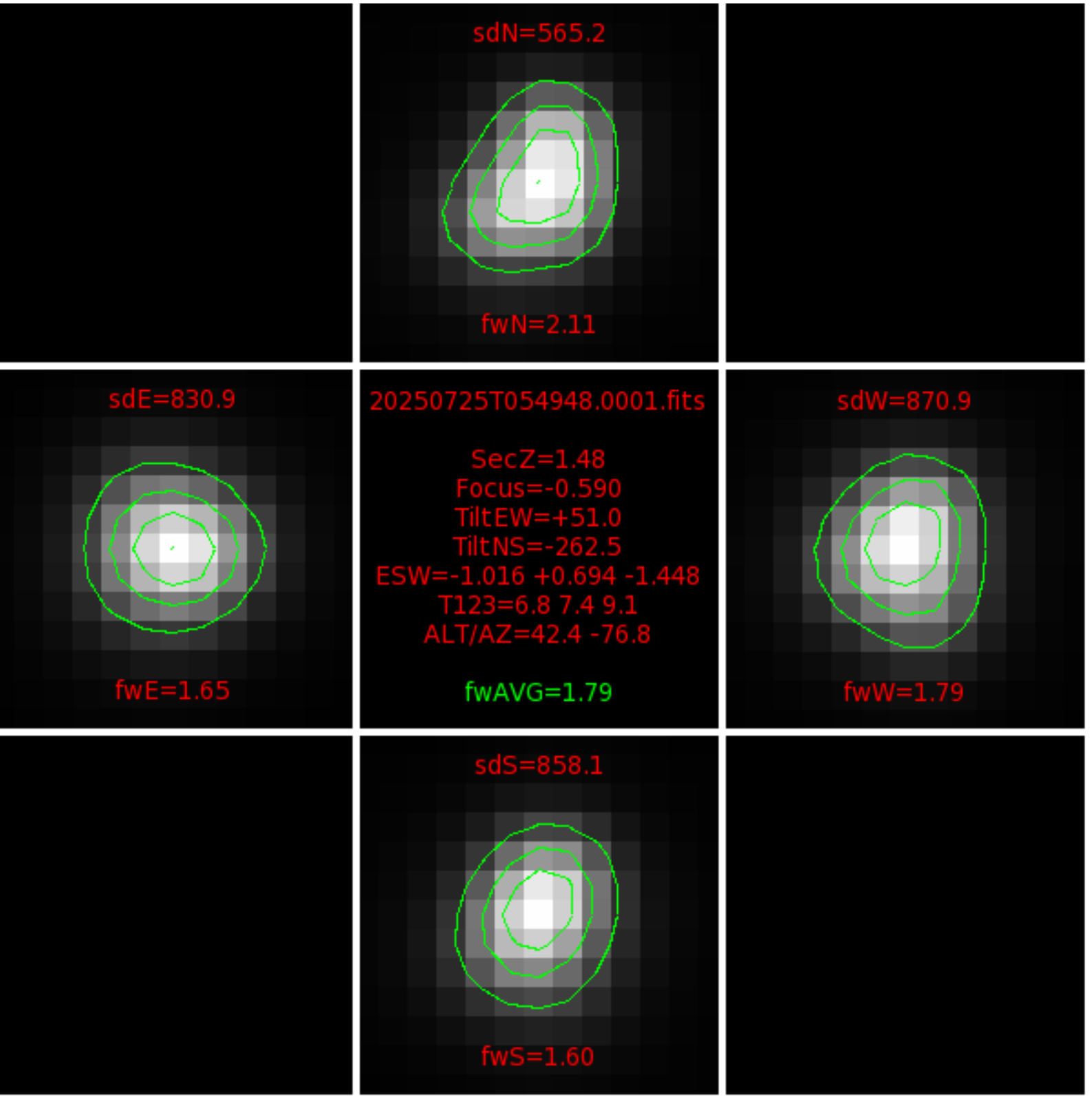
sdN=565.2
fwN=2.11
sdE=830.9
fwE=1.65
20250725T054948.0001.fits
SecZ=1.48
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=6.8 7.4 9.1
ALT/AZ=42.4 -76.8
fwAVG=1.79
sdW=870.9
fwW=1.79
sdS=858.1
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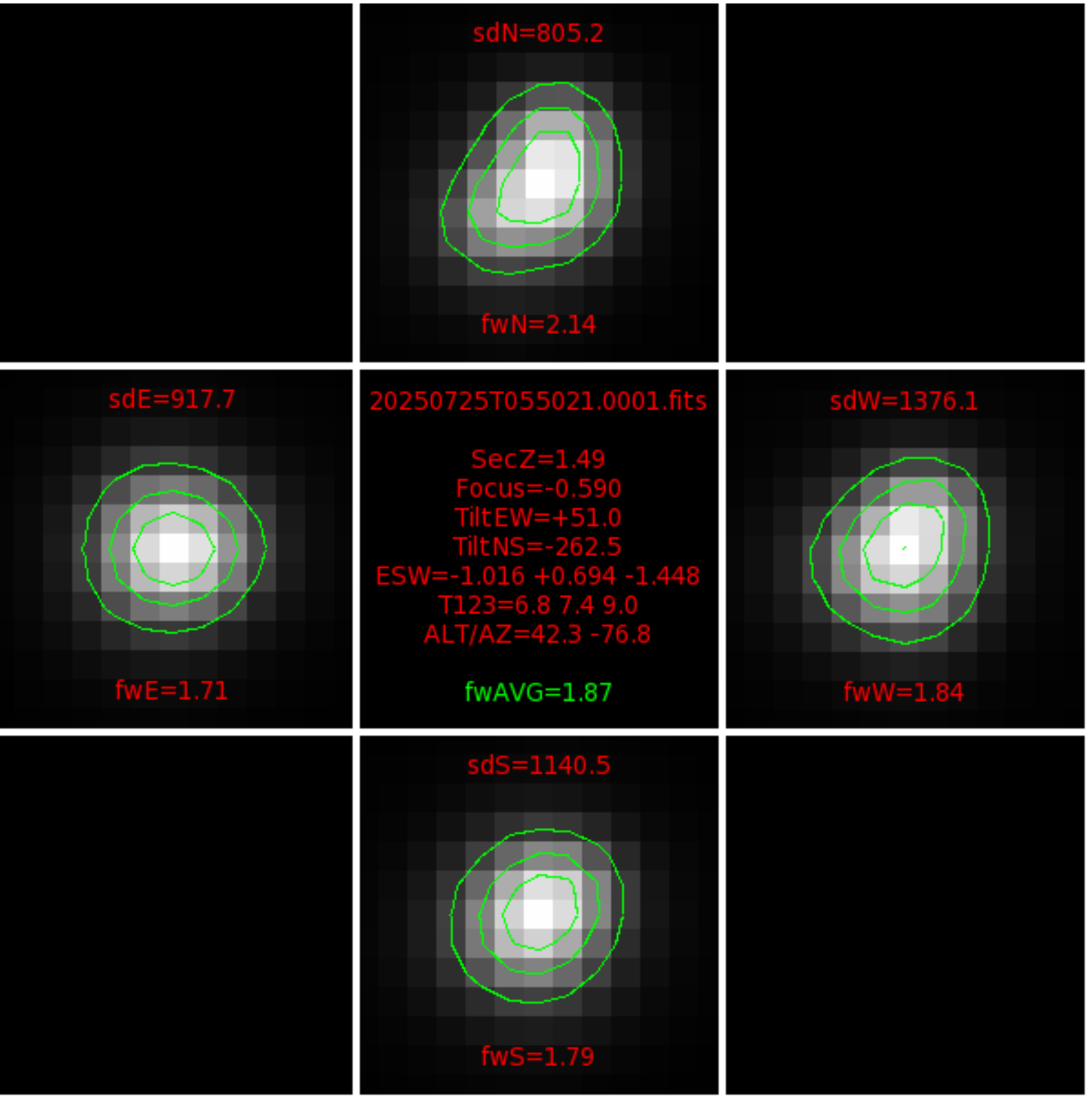
sdN=805.2
fwN=2.14
sdE=917.7
fwE=1.71
20250725T055021.0001.fits
SecZ=1.49
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=6.8 7.4 9.0
ALT/AZ=42.3 -76.8
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sdW=1376.1
fwW=1.84
sdS=1140.5
fwS=1.79
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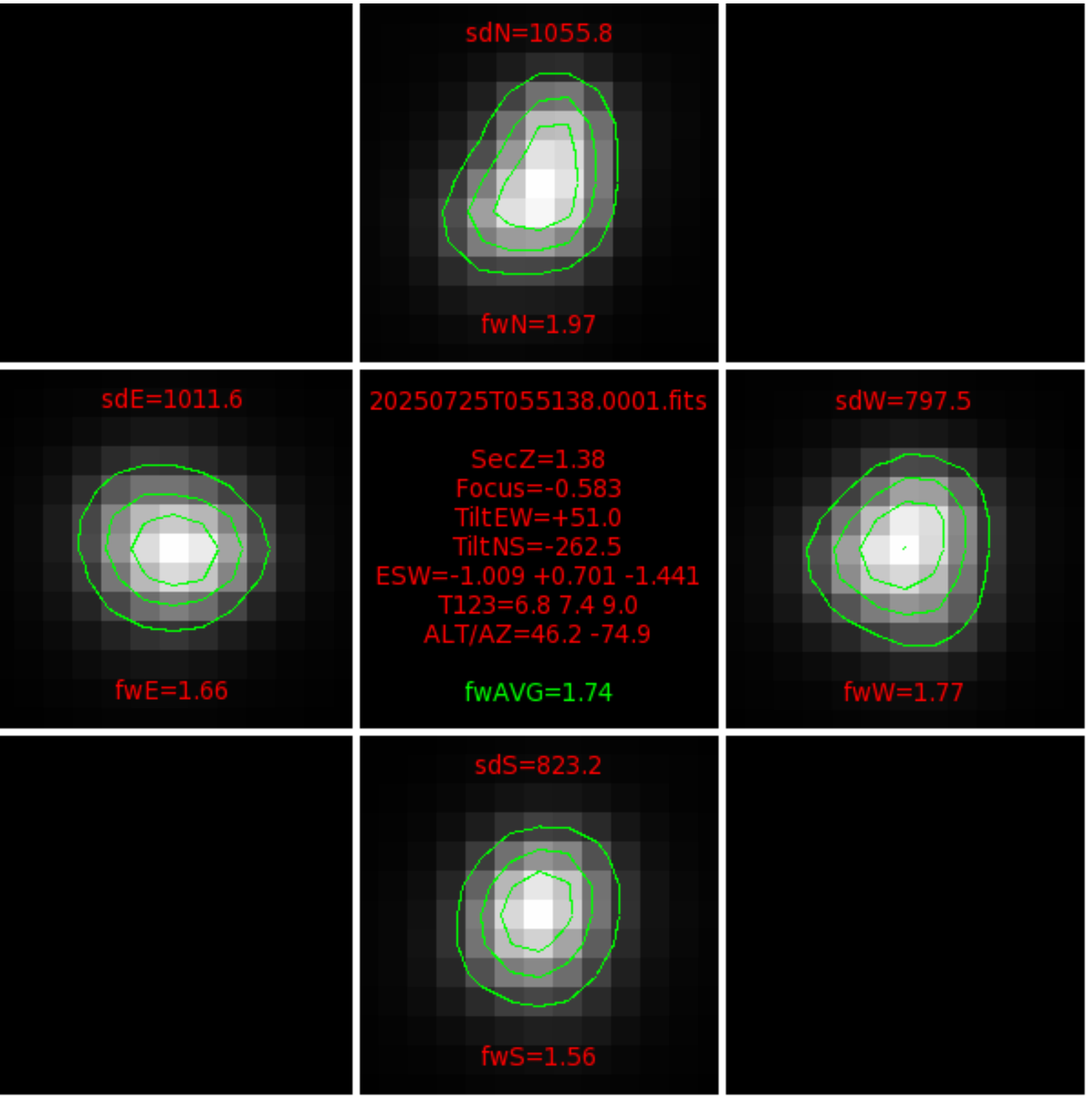
sdN=1055.8
fwN=1.97
sdE=1011.6
fwE=1.66
20250725T055138.0001.fits
SecZ=1.38
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.4 9.0
ALT/AZ=46.2 -74.9
fwAVG=1.74
sdW=797.5
fwW=1.77
sdS=823.2
fwS=1.56
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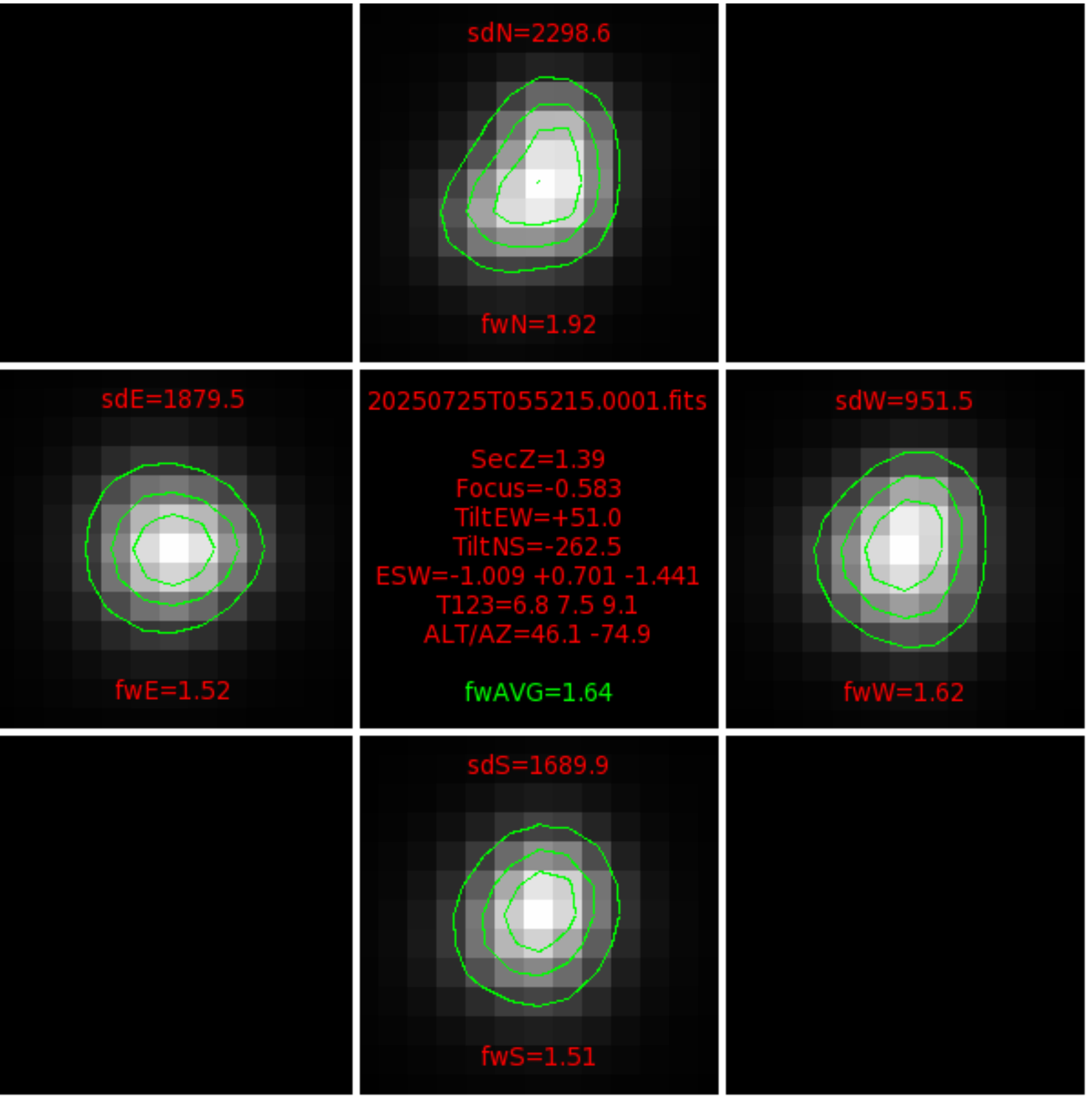
sdN=2298.6
fwN=1.92
sdE=1879.5
fwE=1.52
20250725T055215.0001.fits
SecZ=1.39
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.5 9.1
ALT/AZ=46.1 -74.9
fwAVG=1.64
sdW=951.5
fwW=1.62
sdS=1689.9
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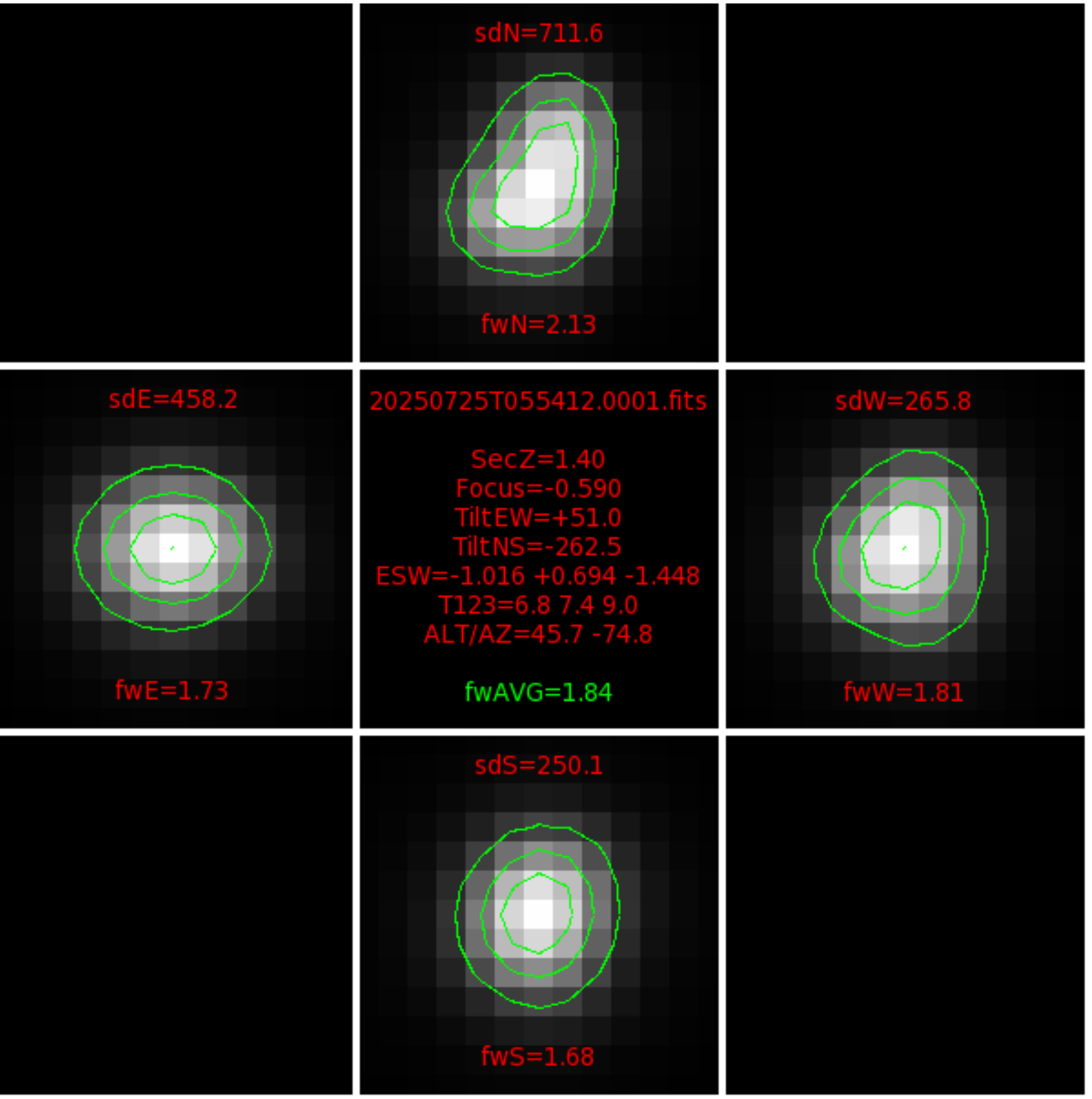
sdN=711.6
fwN=2.13
sdE=458.2
fwE=1.73
20250725T055412.0001.fits
SecZ=1.40
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=6.8 7.4 9.0
ALT/AZ=45.7 -74.8
fwAVG=1.84
sdW=265.8
fwW=1.81
sdS=250.1
fwS=1.68
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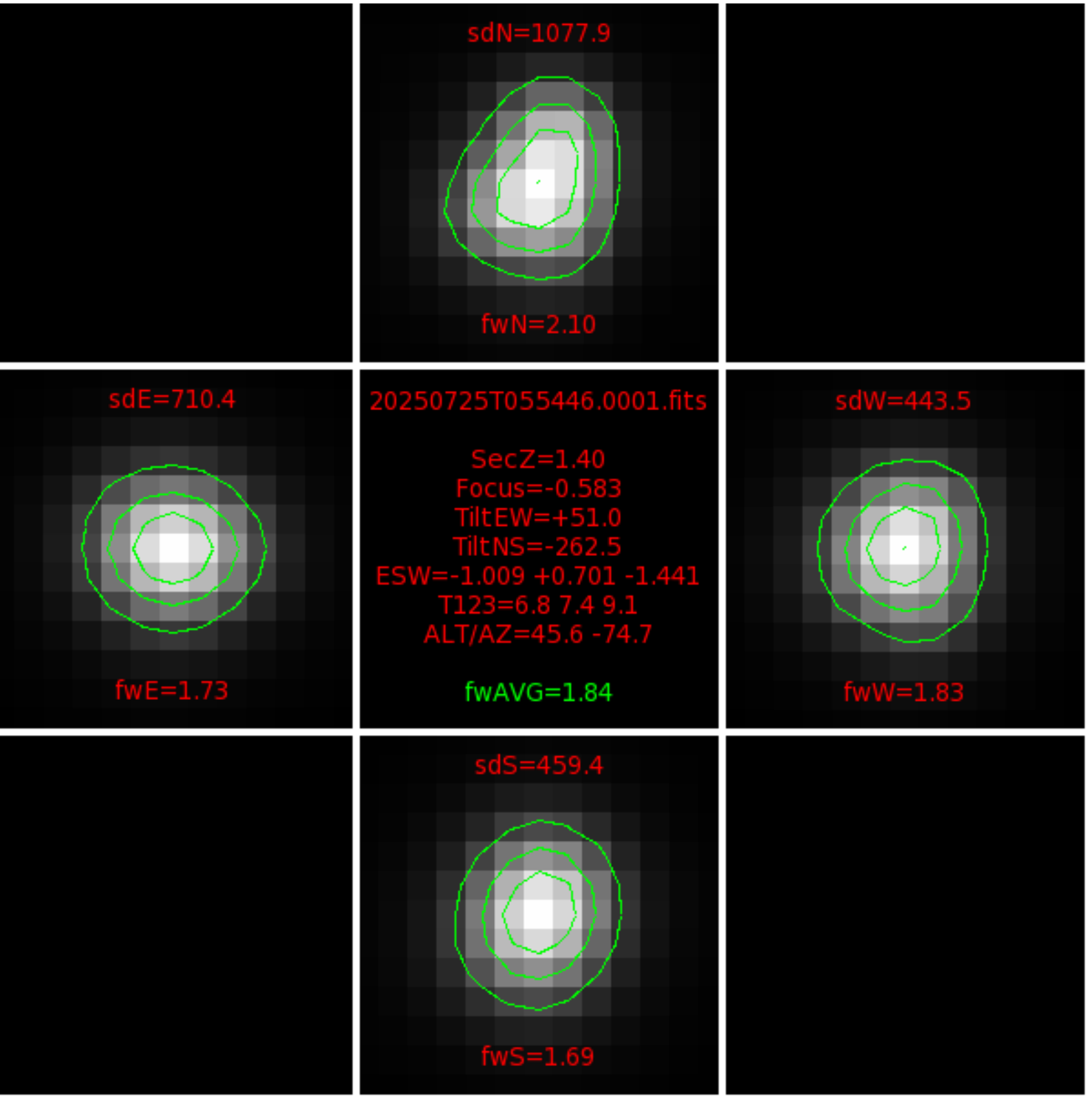
sdN=1077.9
fwN=2.10
sdE=710.4
fwE=1.73
20250725T055446.0001.fits
SecZ=1.40
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.4 9.1
ALT/AZ=45.6 -74.7
fwAVG=1.84
sdW=443.5
fwW=1.83
sdS=459.4
fwS=1.69
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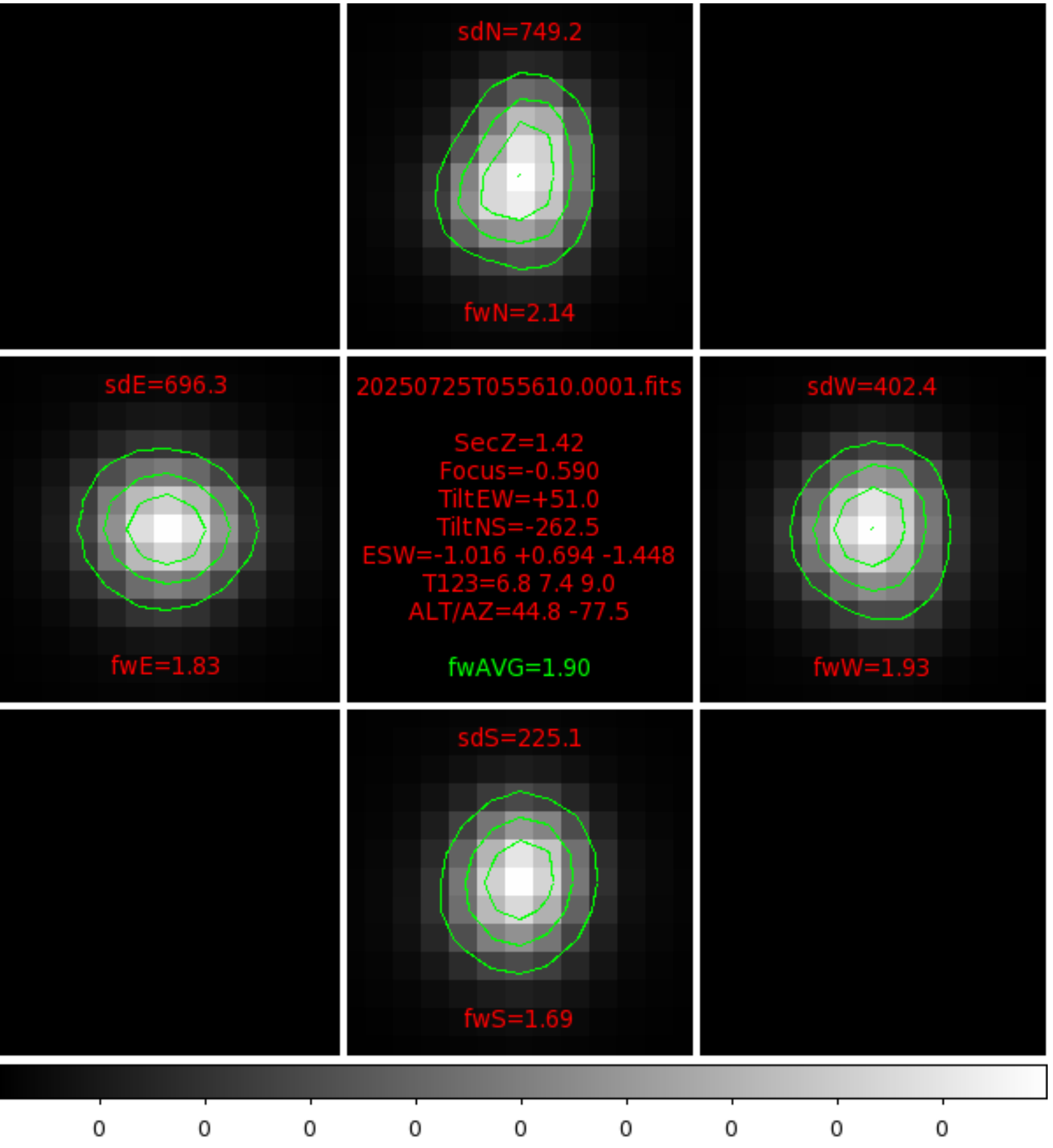
sdN=749.2
fwN=2.14
sdE=696.3
fwE=1.83
20250725T055610.0001.fits
SecZ=1.42
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=6.8 7.4 9.0
ALT/AZ=44.8 -77.5
fwAVG=1.90
sdW=402.4
fwW=1.93
sdS=225.1
fwS=1.69
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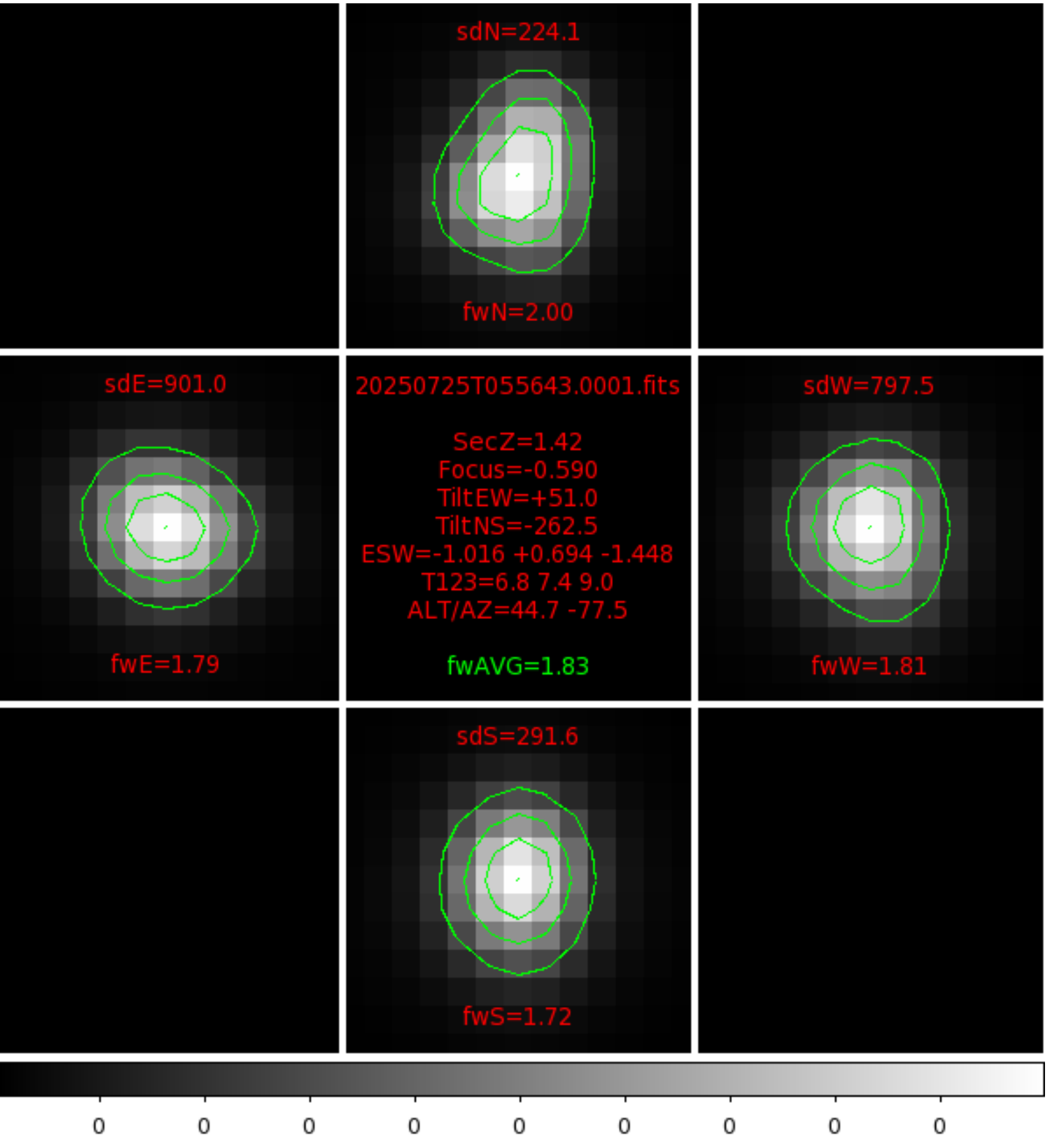
sdN=224.1
fwN=2.00
sdE=901.0
fwE=1.79
20250725T055643.0001.fits
SecZ=1.42
Focus=-0.590
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.016 +0.694 -1.448
T123=6.8 7.4 9.0
ALT/AZ=44.7 -77.5
fwAVG=1.83
sdW=797.5
fwW=1.81
sdS=291.6
fwS=1.72
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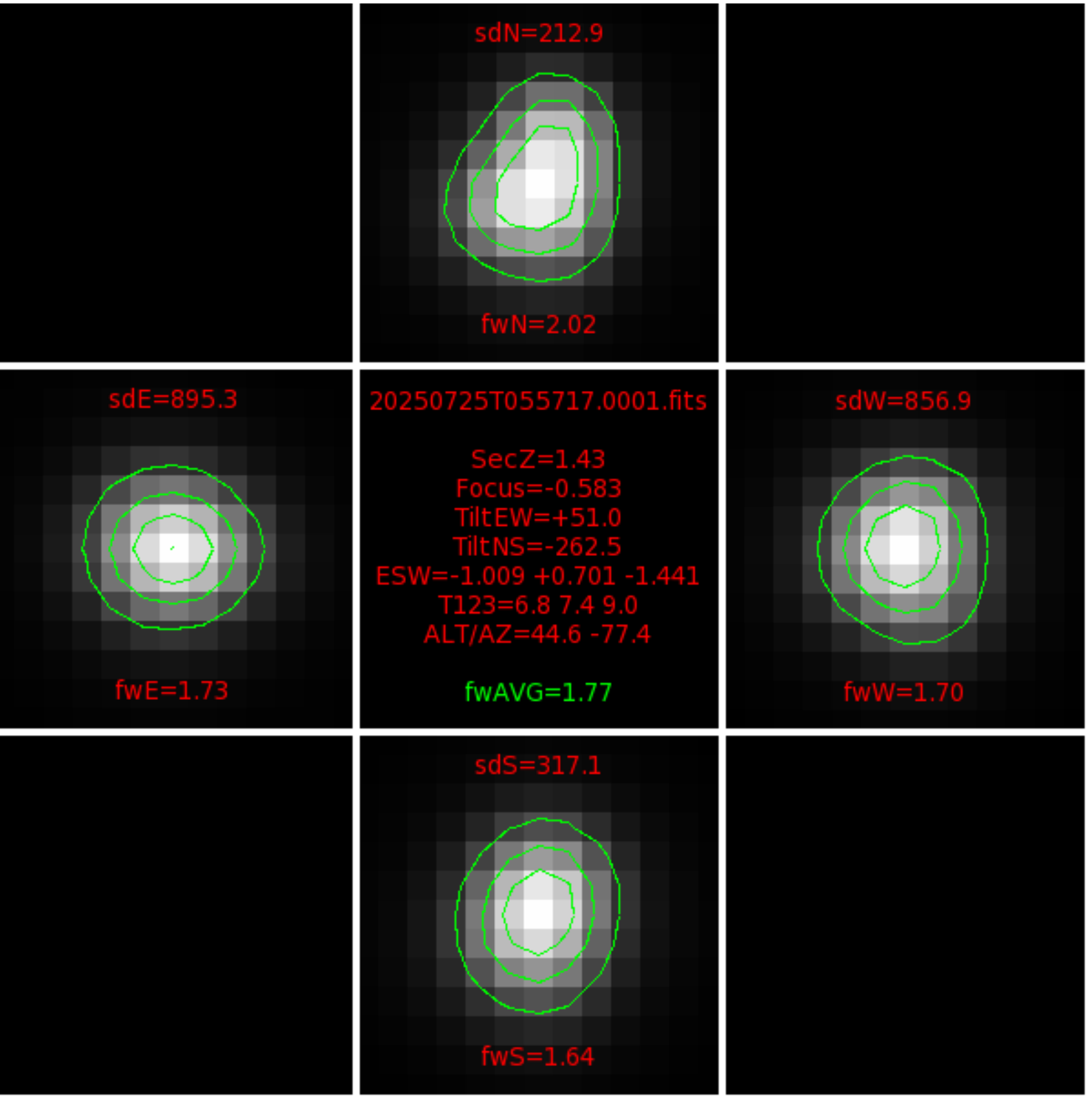
sdN=212.9
fwN=2.02
sdE=895.3
fwE=1.73
20250725T055717.0001.fits
SecZ=1.43
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.4 9.0
ALT/AZ=44.6 -77.4
fwAVG=1.77
sdW=856.9
fwW=1.70
sdS=317.1
fwS=1.64
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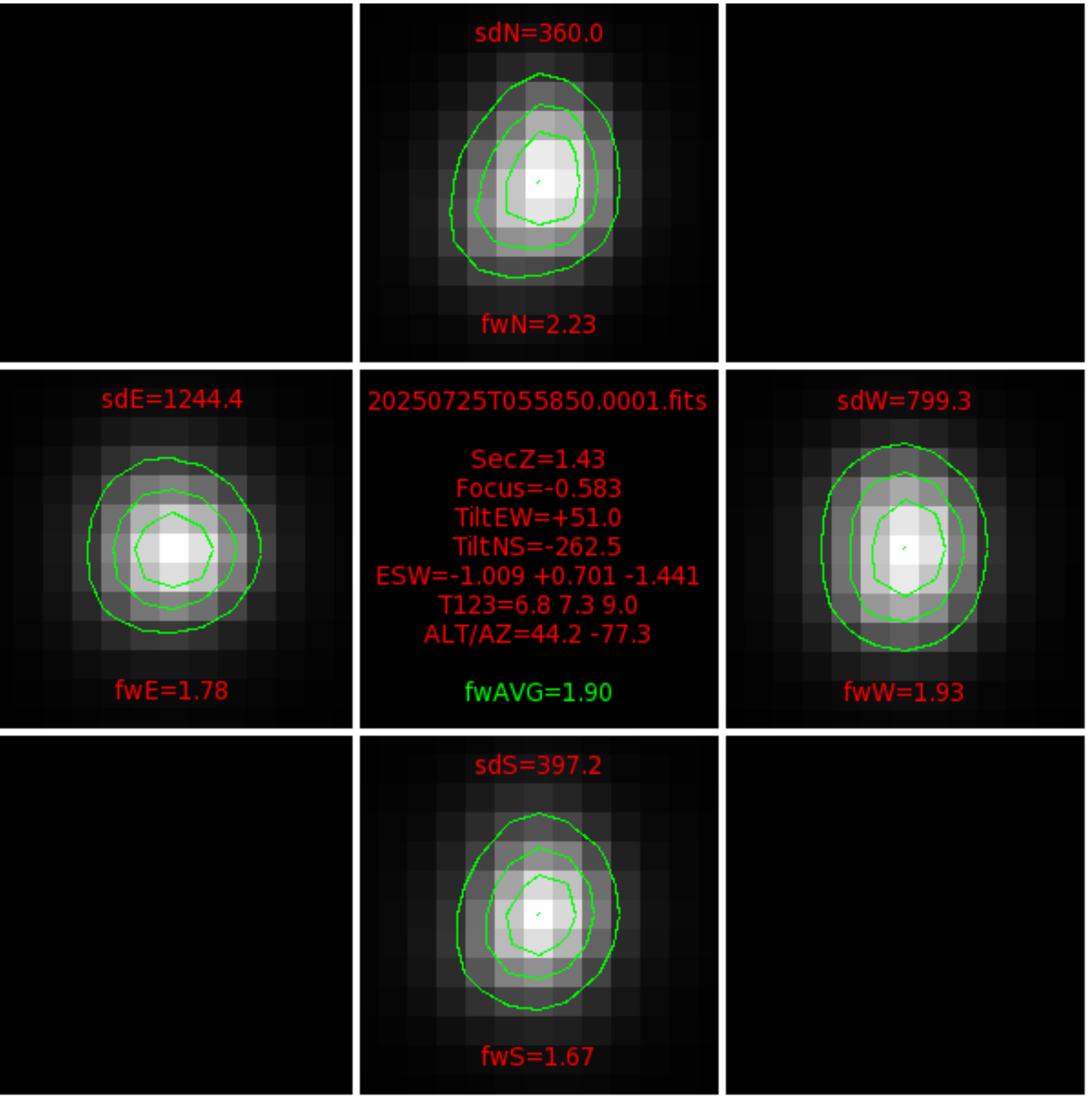
sdN=360.0
fwN=2.23
sdE=1244.4
fwE=1.78
20250725T055850.0001.fits
SecZ=1.43
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=44.2 -77.3
fwAVG=1.90
sdW=799.3
fwW=1.93
sdS=397.2
fwS=1.67
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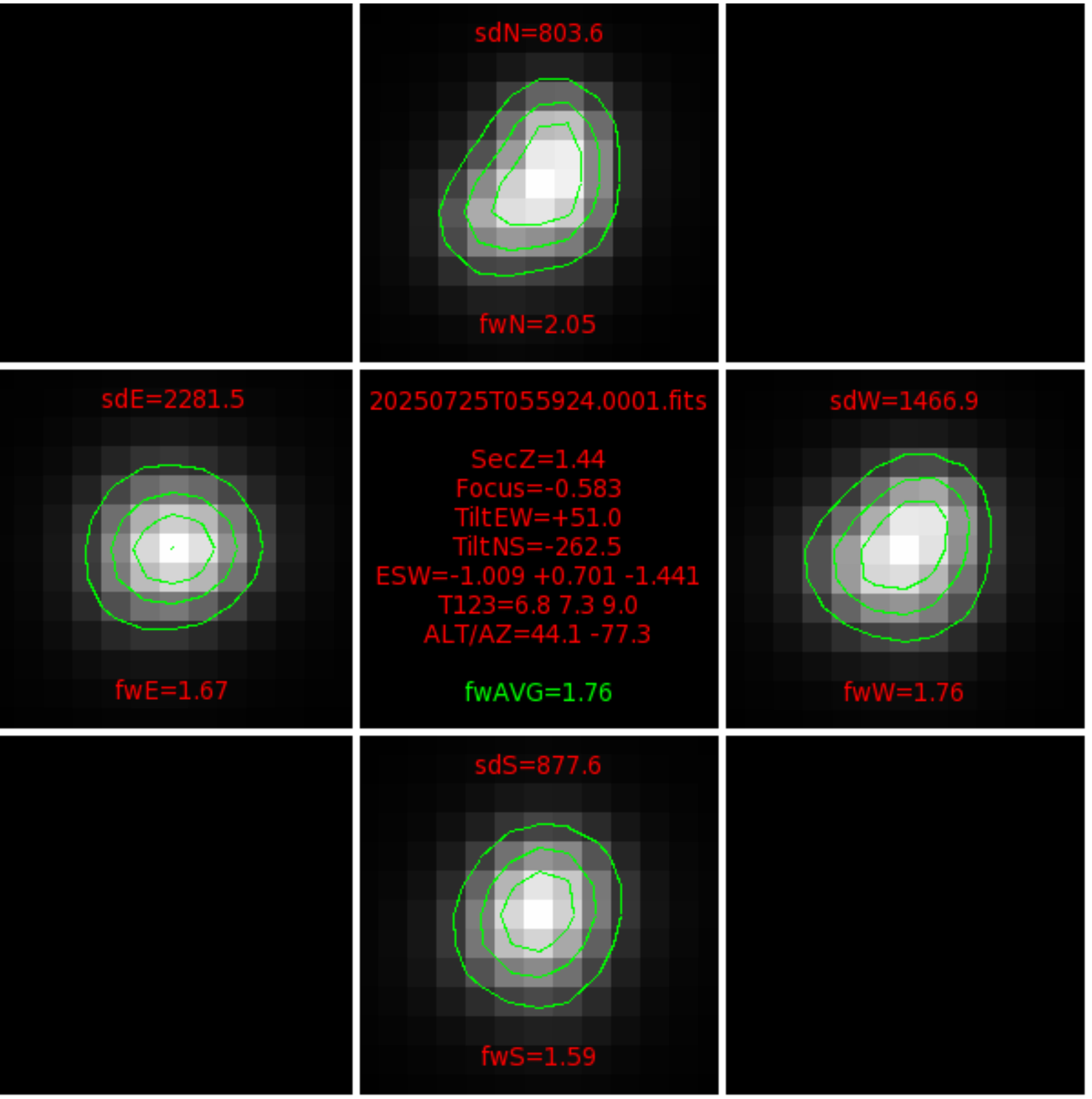
sdN=803.6
fwN=2.05
sdE=2281.5
fwE=1.67
20250725T055924.0001.fits
SecZ=1.44
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=44.1 -77.3
fwAVG=1.76
sdW=1466.9
fwW=1.76
sdS=877.6
fwS=1.59
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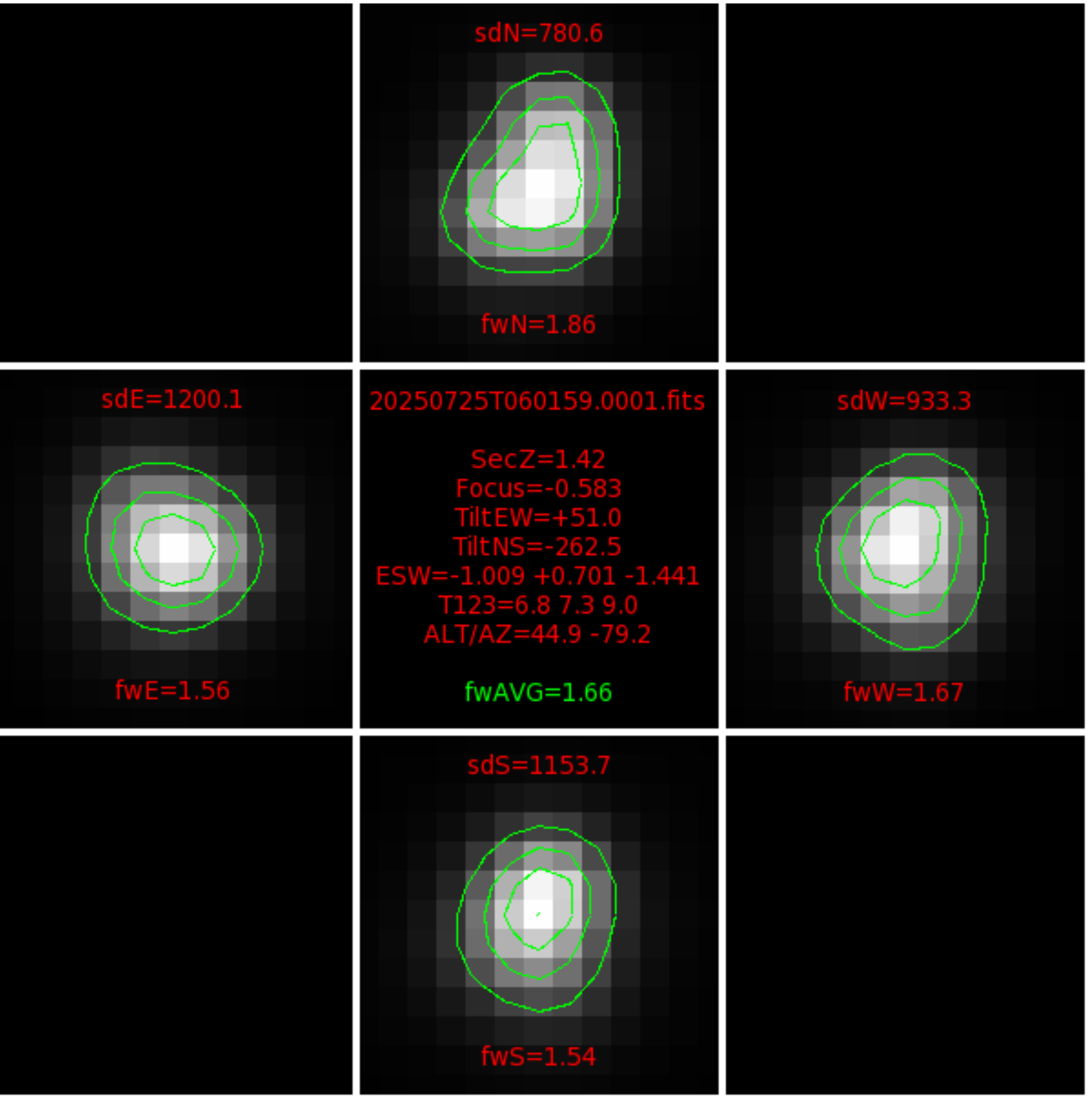
sdN=780.6
fwN=1.86
sdE=1200.1
fwE=1.56
20250725T060159.0001.fits
SecZ=1.42
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=44.9 -79.2
fwAVG=1.66
sdW=933.3
fwW=1.67
sdS=1153.7
fwS=1.54
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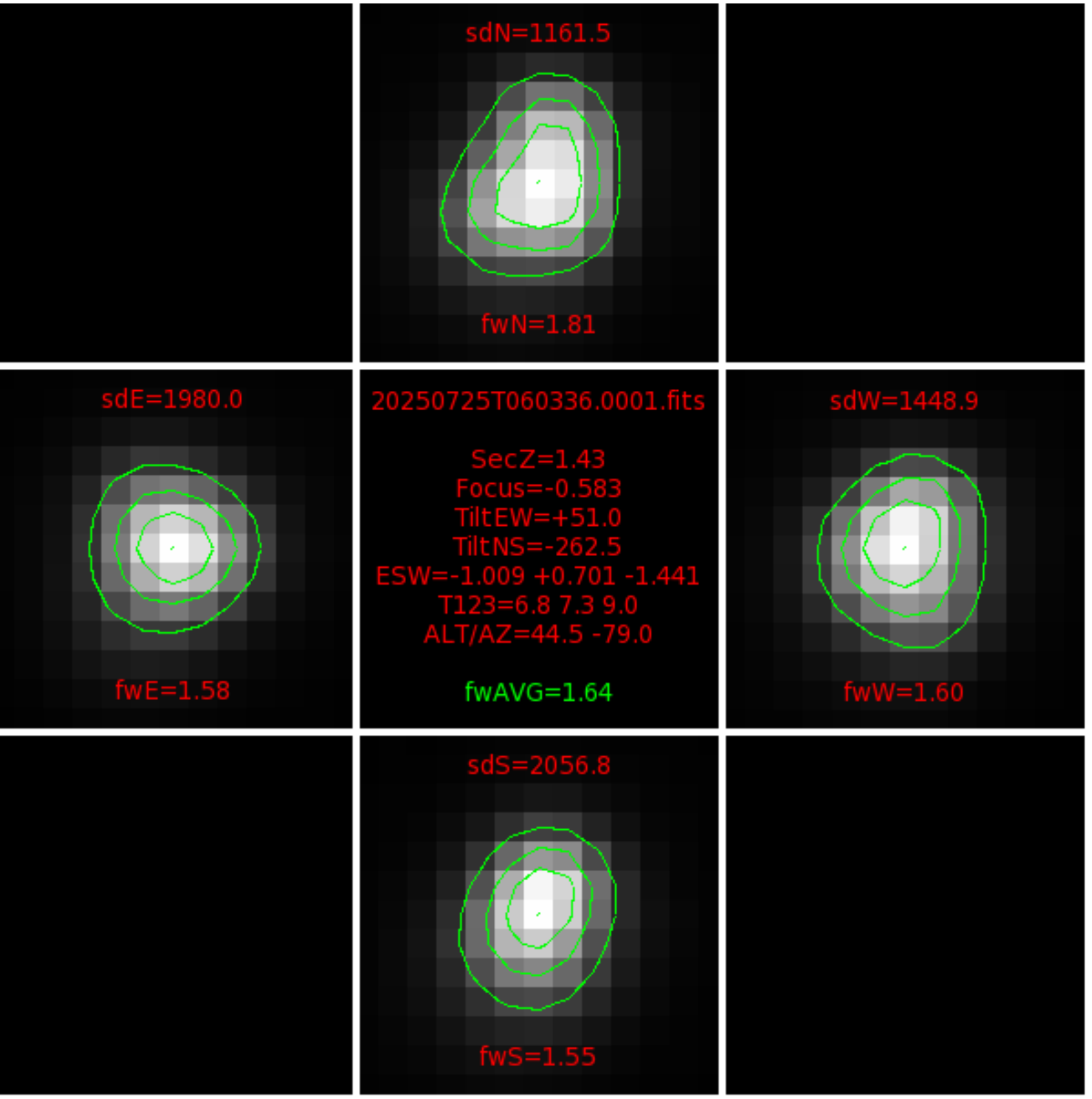
sdN=1161.5
fwN=1.81
sdE=1980.0
fwE=1.58
20250725T060336.0001.fits
SecZ=1.43
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=44.5 -79.0
fwAVG=1.64
sdW=1448.9
fwW=1.60
sdS=2056.8
fwS=1.55
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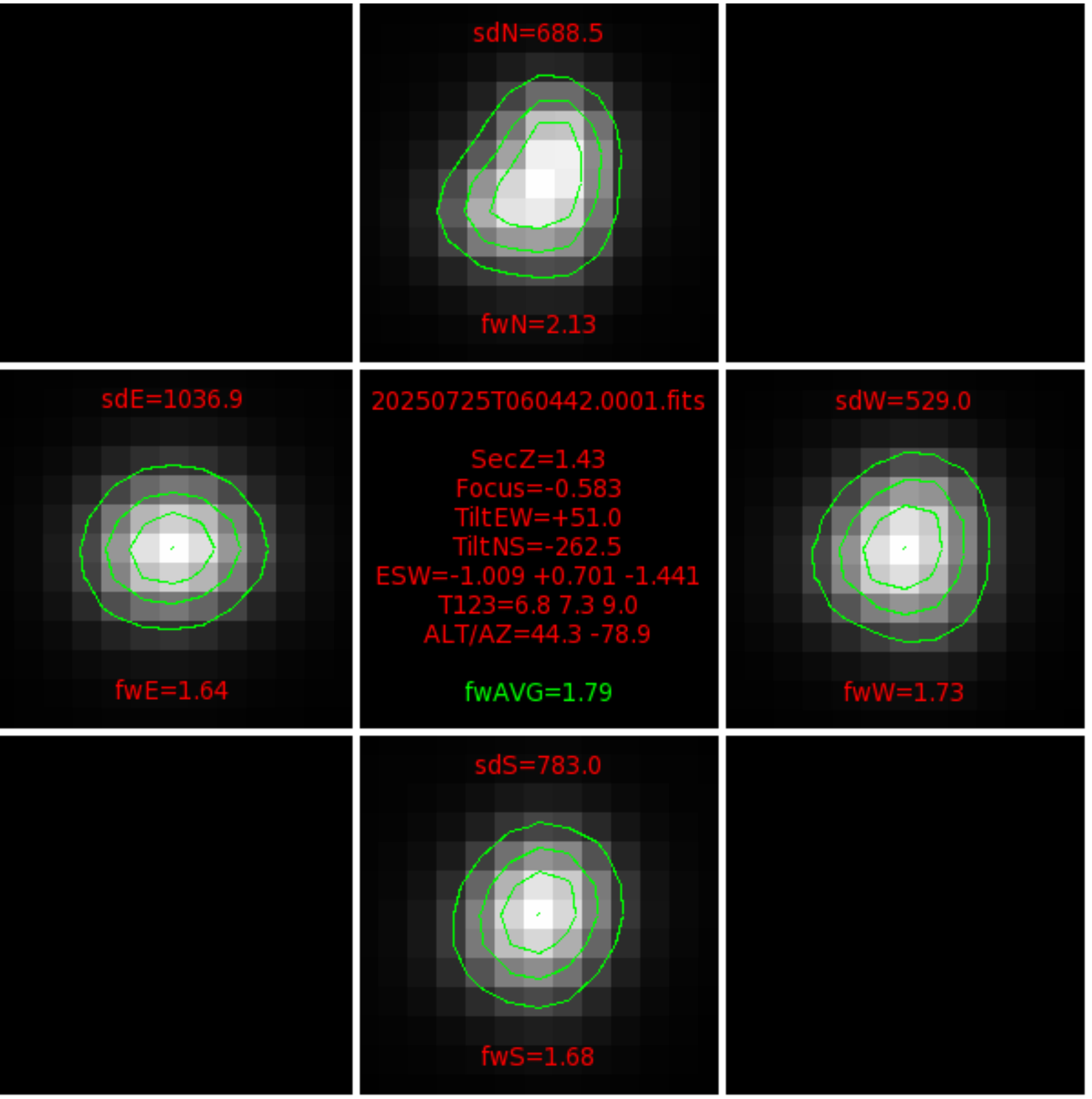
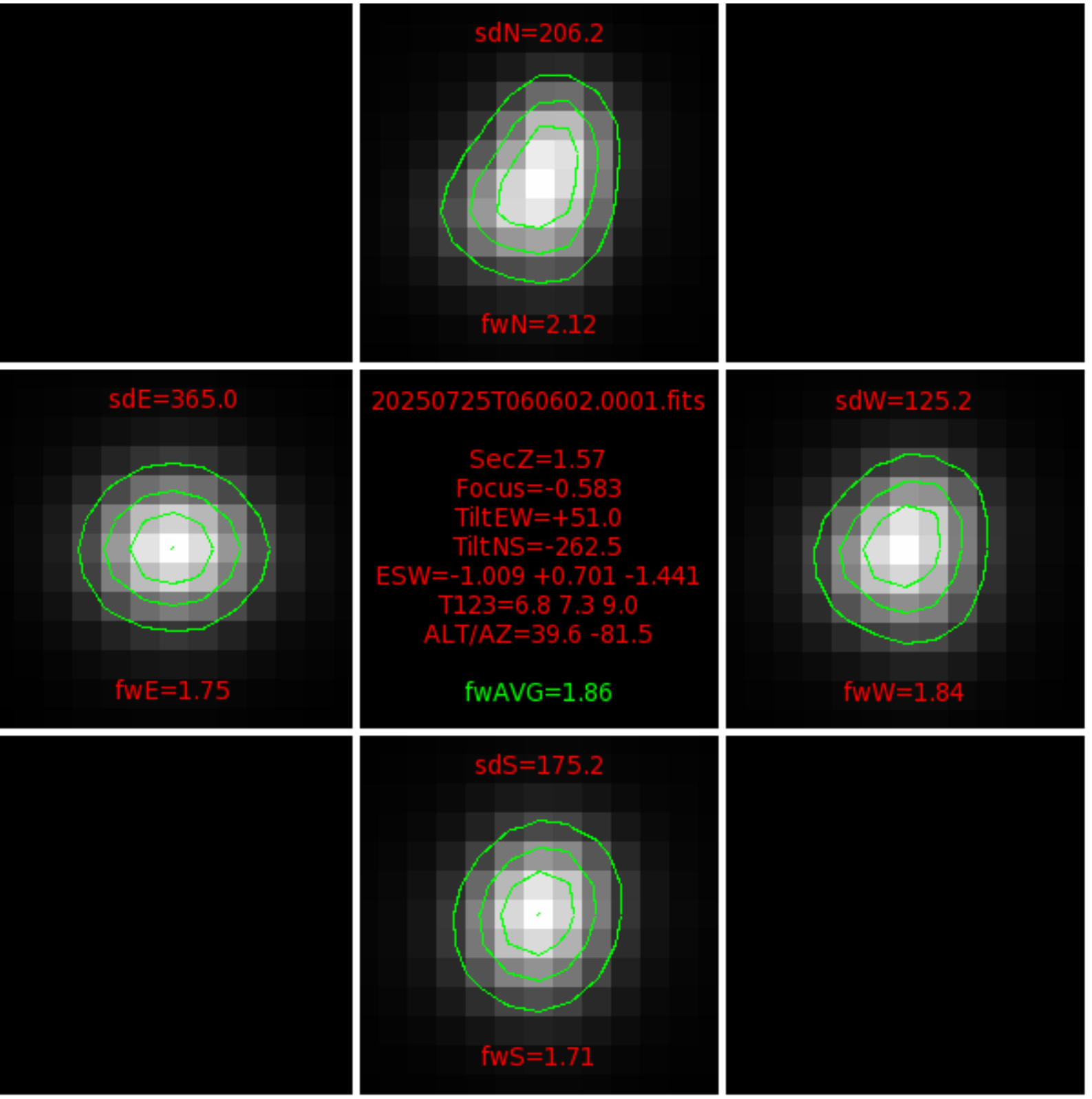
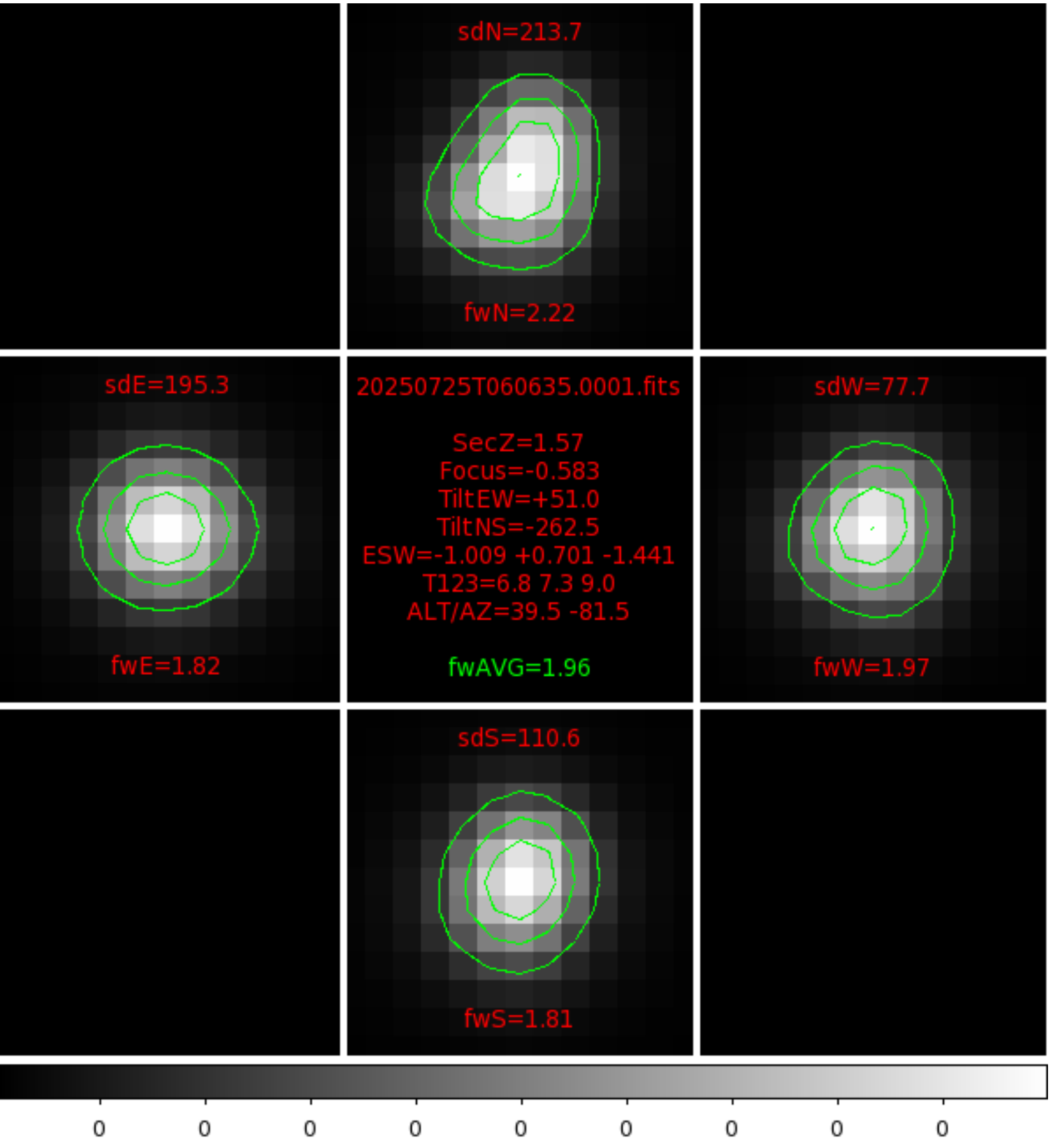
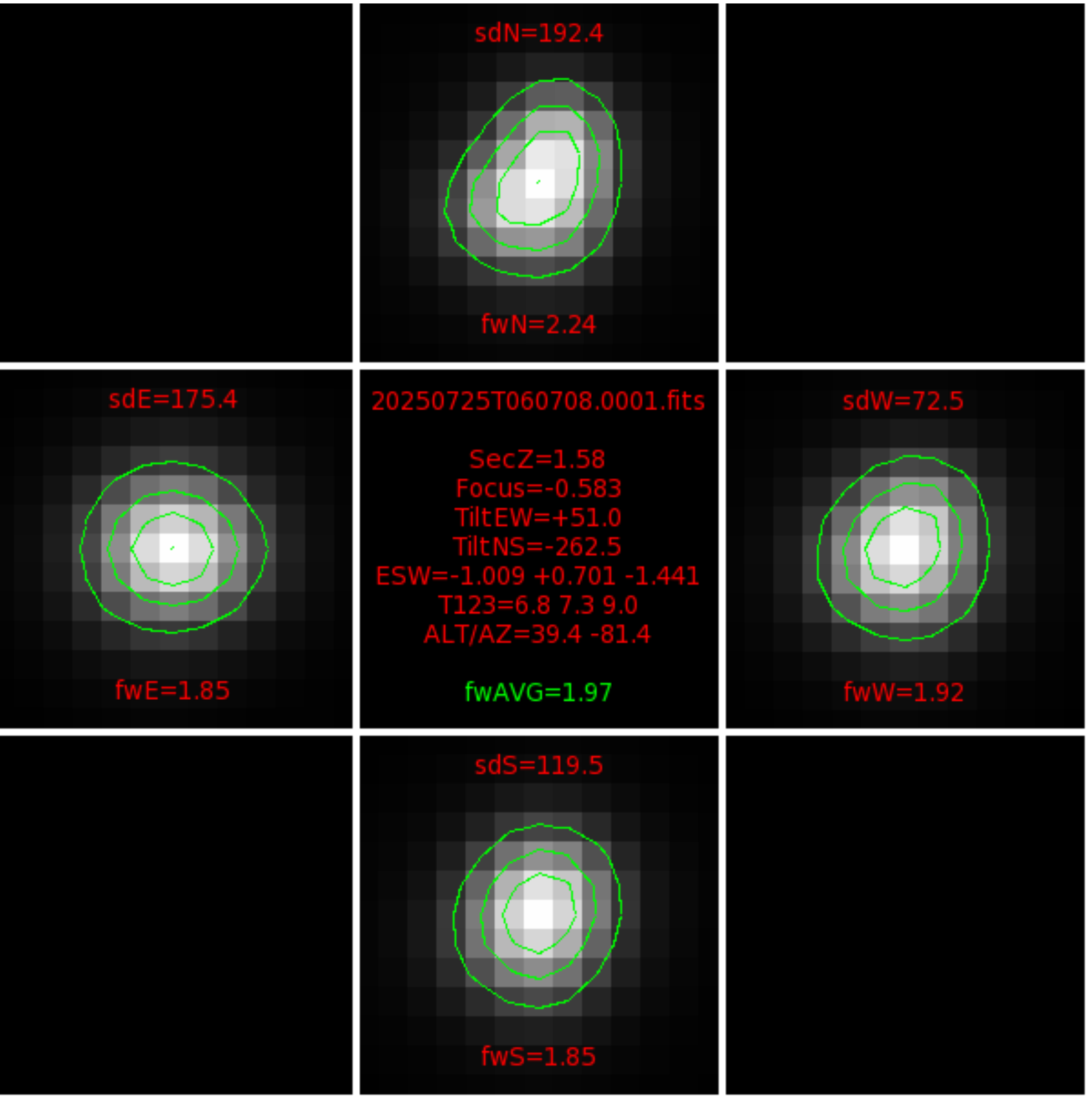

sdN=688.5
fwN=2.13
sdE=1036.9
fwE=1.64
20250725T060442.0001.fits
SecZ=1.43
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=44.3 -78.9
fwAVG=1.79
sdW=529.0
fwW=1.73
sdS=783.0
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=206.2
fwN=2.12
sdE=365.0
fwE=1.75
20250725T060602.0001.fits
SecZ=1.57
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=39.6 -81.5
fwAVG=1.86
sdW=125.2
fwW=1.84
sdS=175.2
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=213.7
fwN=2.22
sdE=195.3
fwE=1.82
20250725T060635.0001.fits
SecZ=1.57
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=39.5 -81.5
fwAVG=1.96
sdW=77.7
fwW=1.97
sdS=110.6
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=192.4
fwN=2.24
sdE=175.4
fwE=1.85
20250725T060708.0001.fits
SecZ=1.58
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=39.4 -81.4
fwAVG=1.97
sdW=72.5
fwW=1.92
sdS=119.5
fwS=1.85
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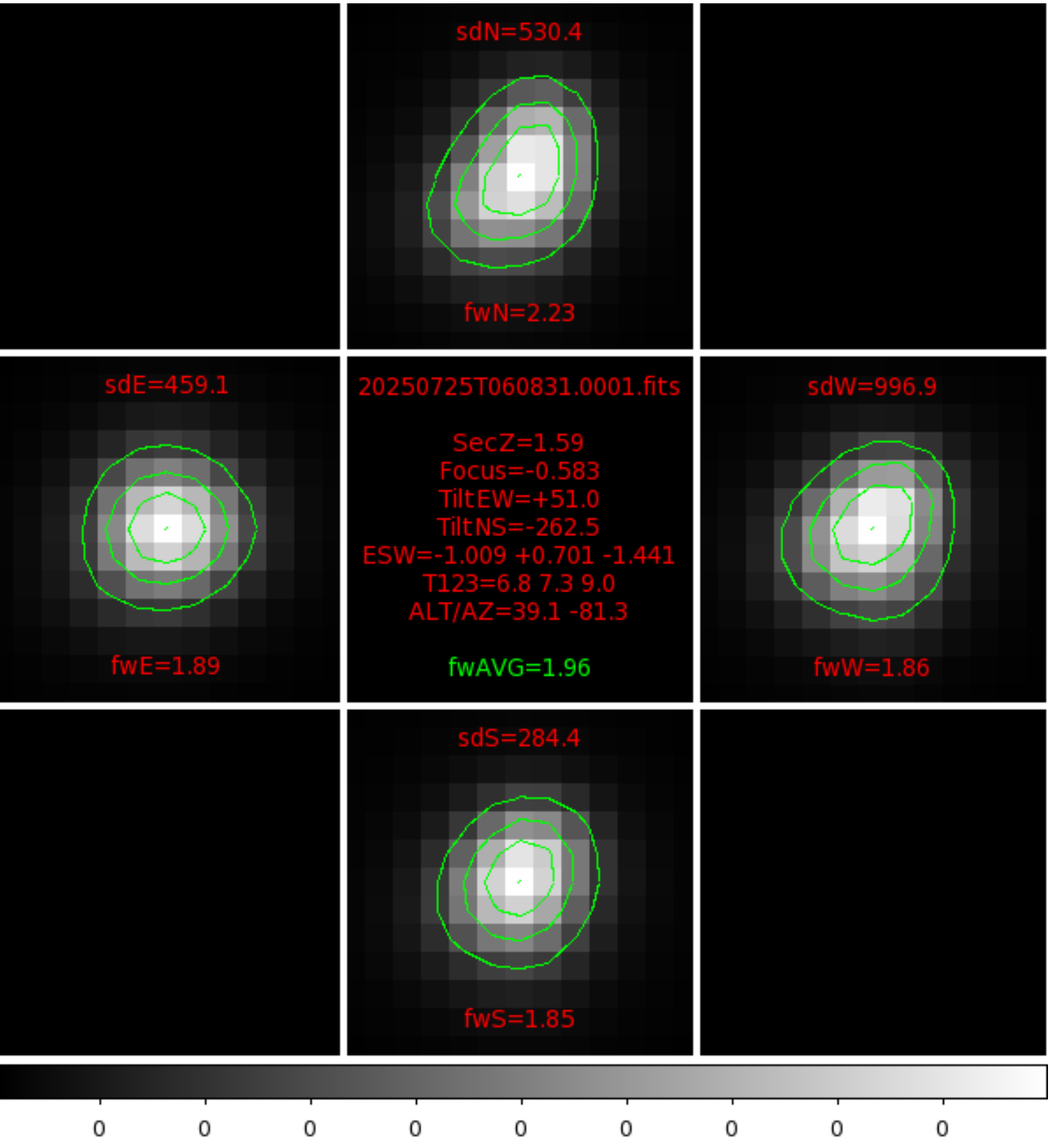
sdN=530.4
fwN=2.23
sdE=459.1
fwE=1.89
20250725T060831.0001.fits
SecZ=1.59
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=39.1 -81.3
fwAVG=1.96
sdW=996.9
fwW=1.86
sdS=284.4
fwS=1.85
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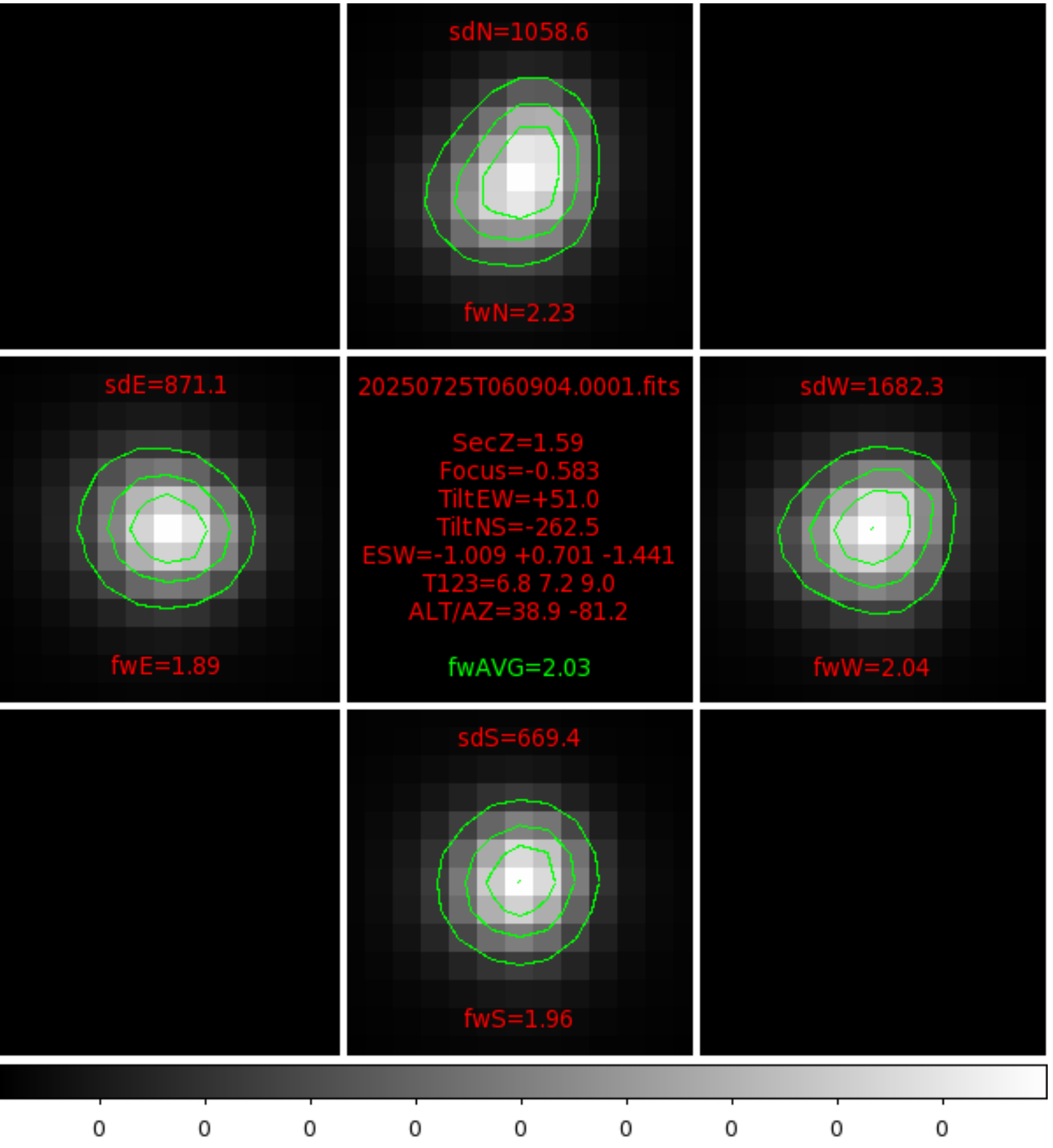
sdN=1058.6
fwN=2.23
sdE=871.1
fwE=1.89
20250725T060904.0001.fits
SecZ=1.59
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.2 9.0
ALT/AZ=38.9 -81.2
fwAVG=2.03
sdW=1682.3
fwW=2.04
sdS=669.4
fwS=1.96
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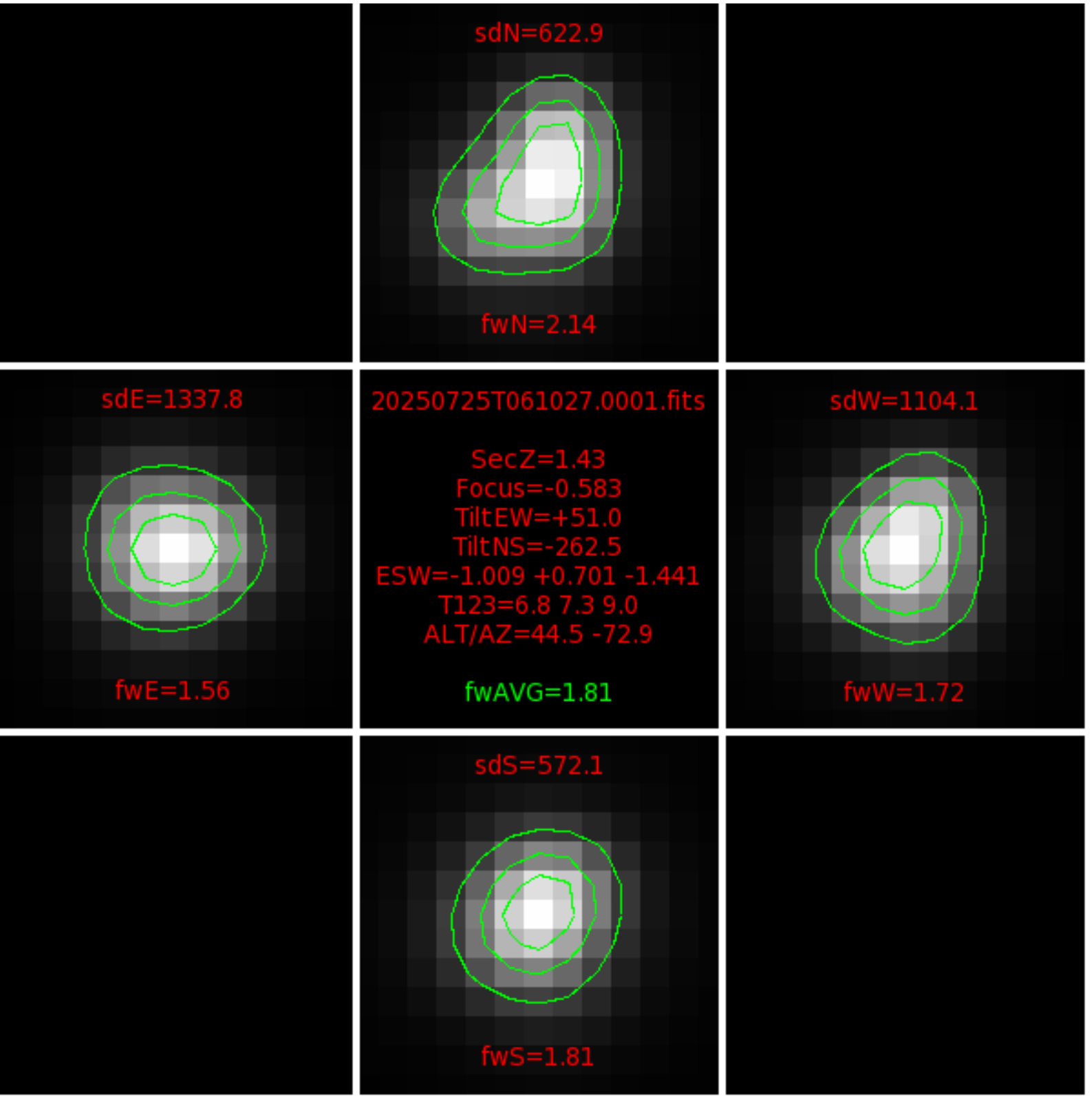
sdN=622.9
fwN=2.14
sdE=1337.8
fwE=1.56
20250725T061027.0001.fits
SecZ=1.43
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=44.5 -72.9
fwAVG=1.81
sdW=1104.1
fwW=1.72
sdS=572.1
fwS=1.81
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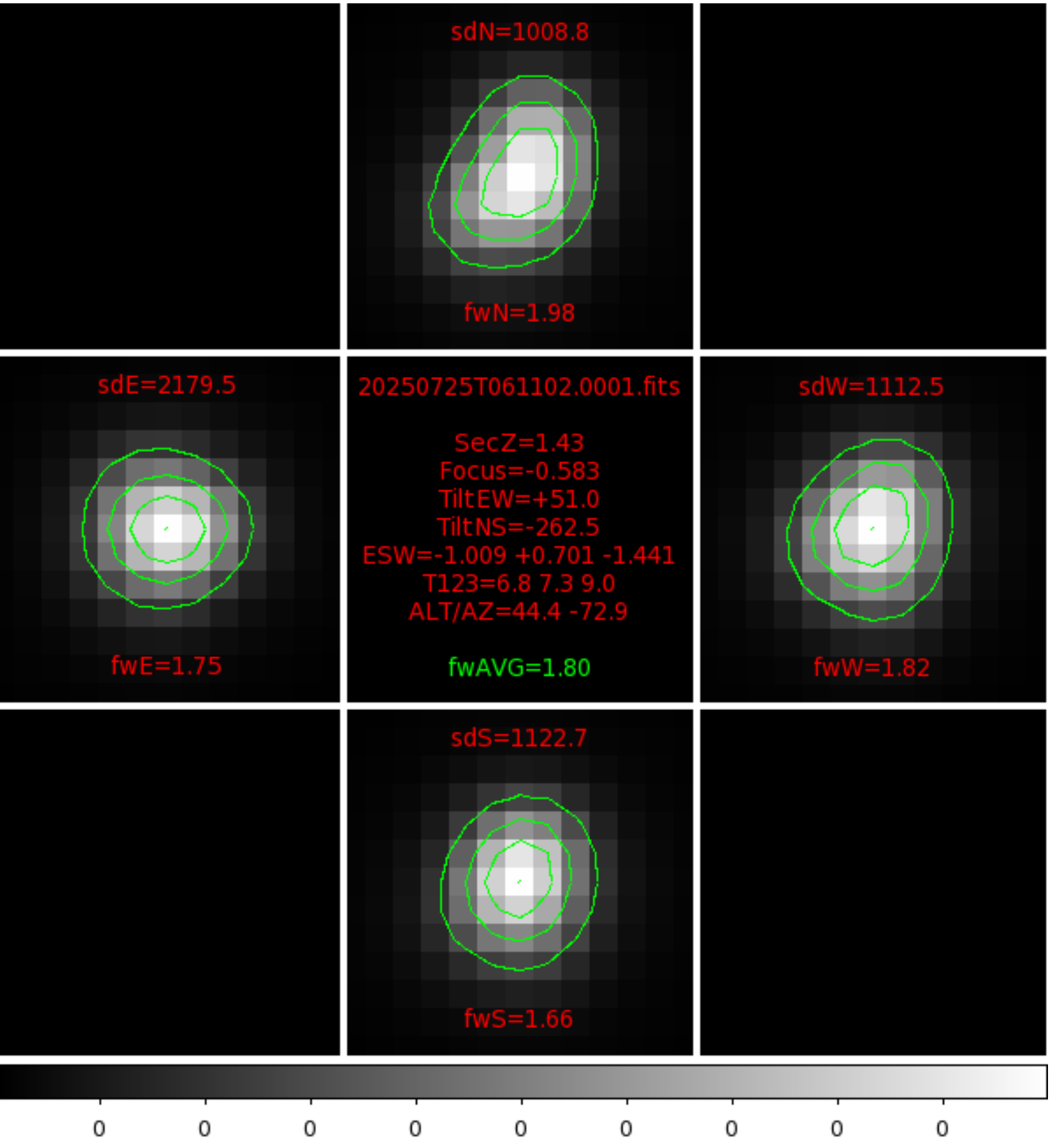
sdN=1008.8
fwN=1.98
sdE=2179.5
fwE=1.75
20250725T061102.0001.fits
SecZ=1.43
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=44.4 -72.9
fwAVG=1.80
sdW=1112.5
fwW=1.82
sdS=1122.7
fwS=1.66
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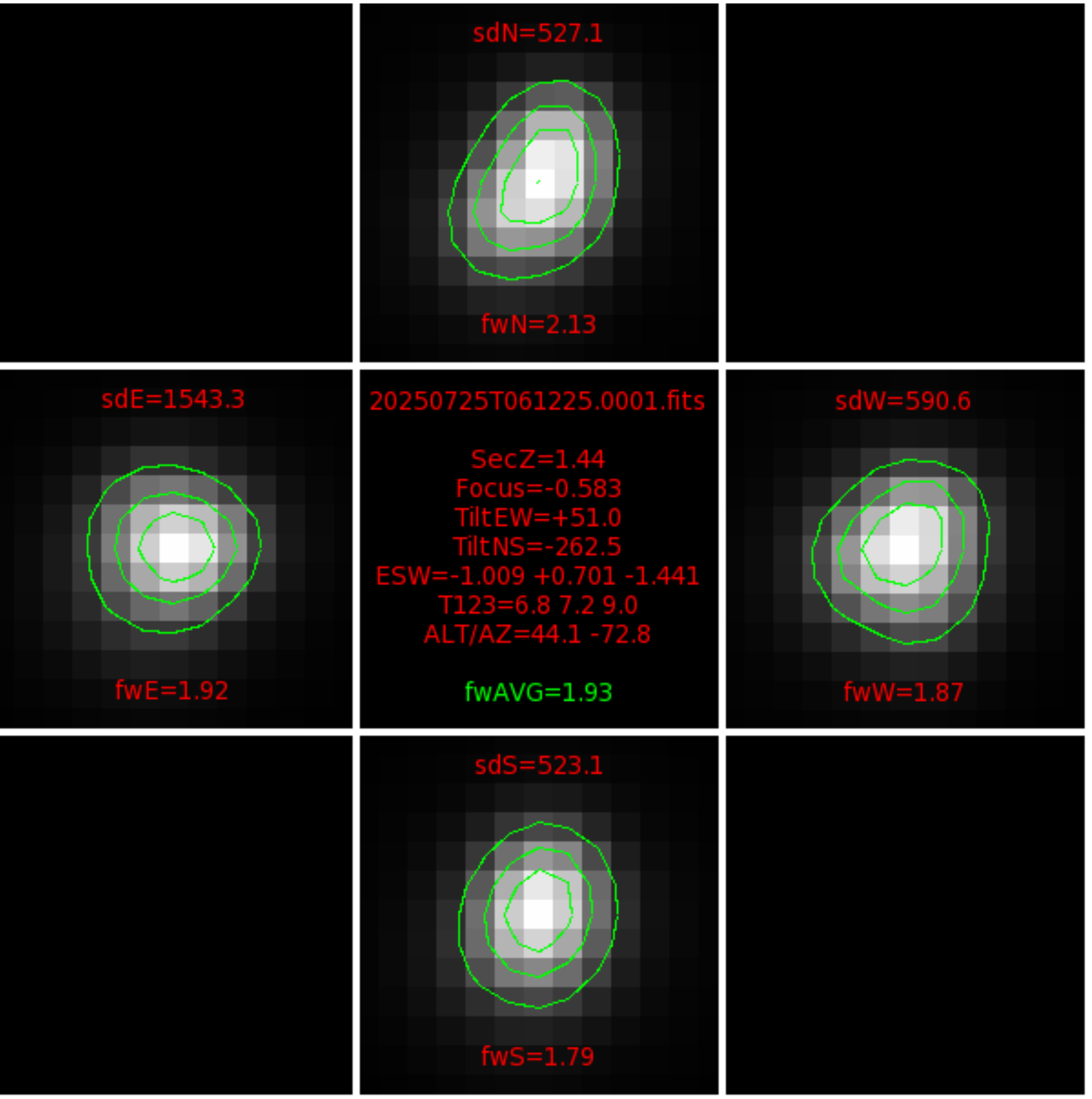
sdN=527.1
fwN=2.13
sdE=1543.3
fwE=1.92
20250725T061225.0001.fits
SecZ=1.44
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.2 9.0
ALT/AZ=44.1 -72.8
fwAVG=1.93
sdW=590.6
fwW=1.87
sdS=523.1
fwS=1.79
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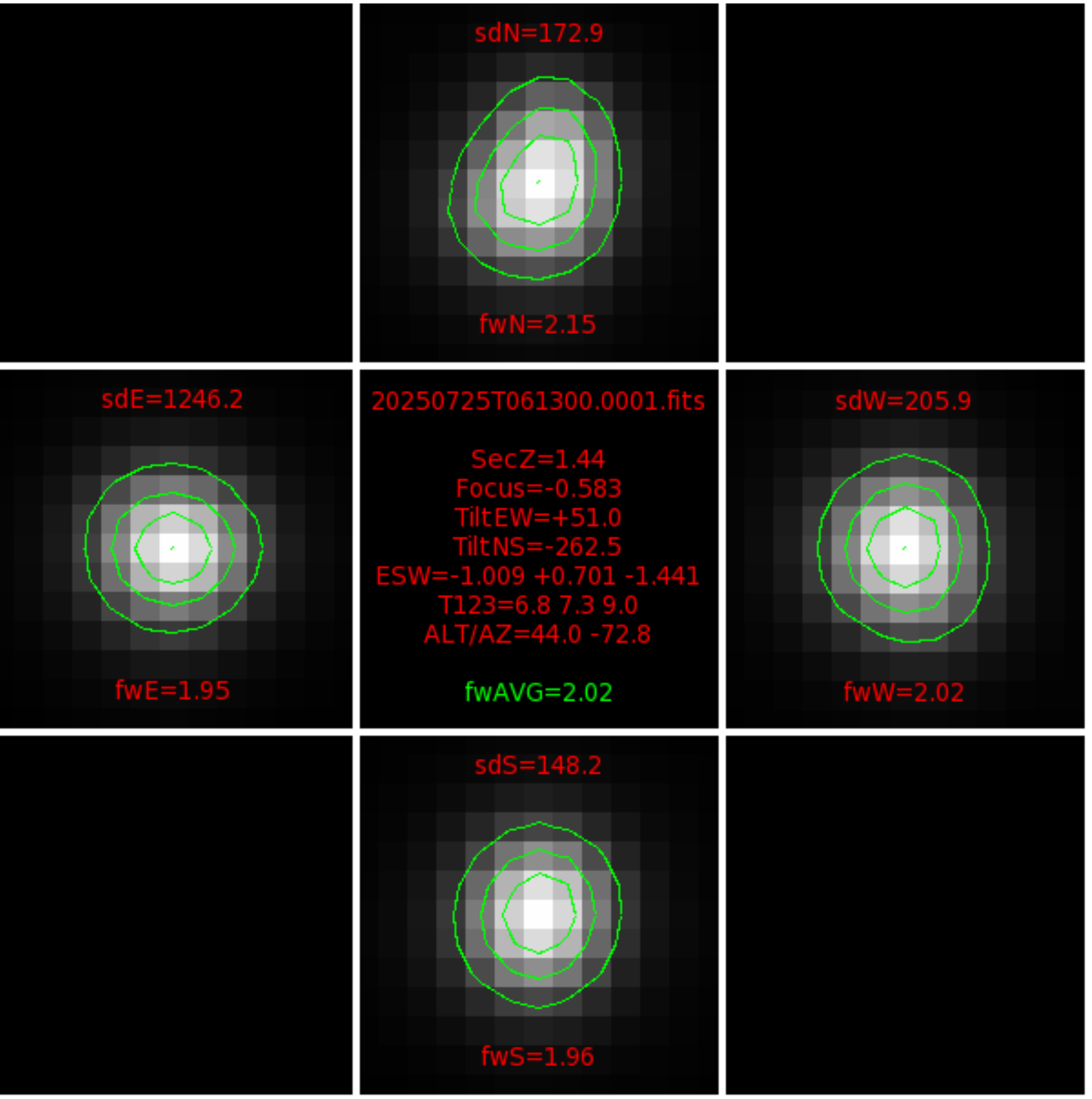
sdN=172.9
fwN=2.15
sdE=1246.2
fwE=1.95
20250725T061300.0001.fits
SecZ=1.44
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=44.0 -72.8
fwAVG=2.02
sdW=205.9
fwW=2.02
sdS=148.2
fwS=1.96
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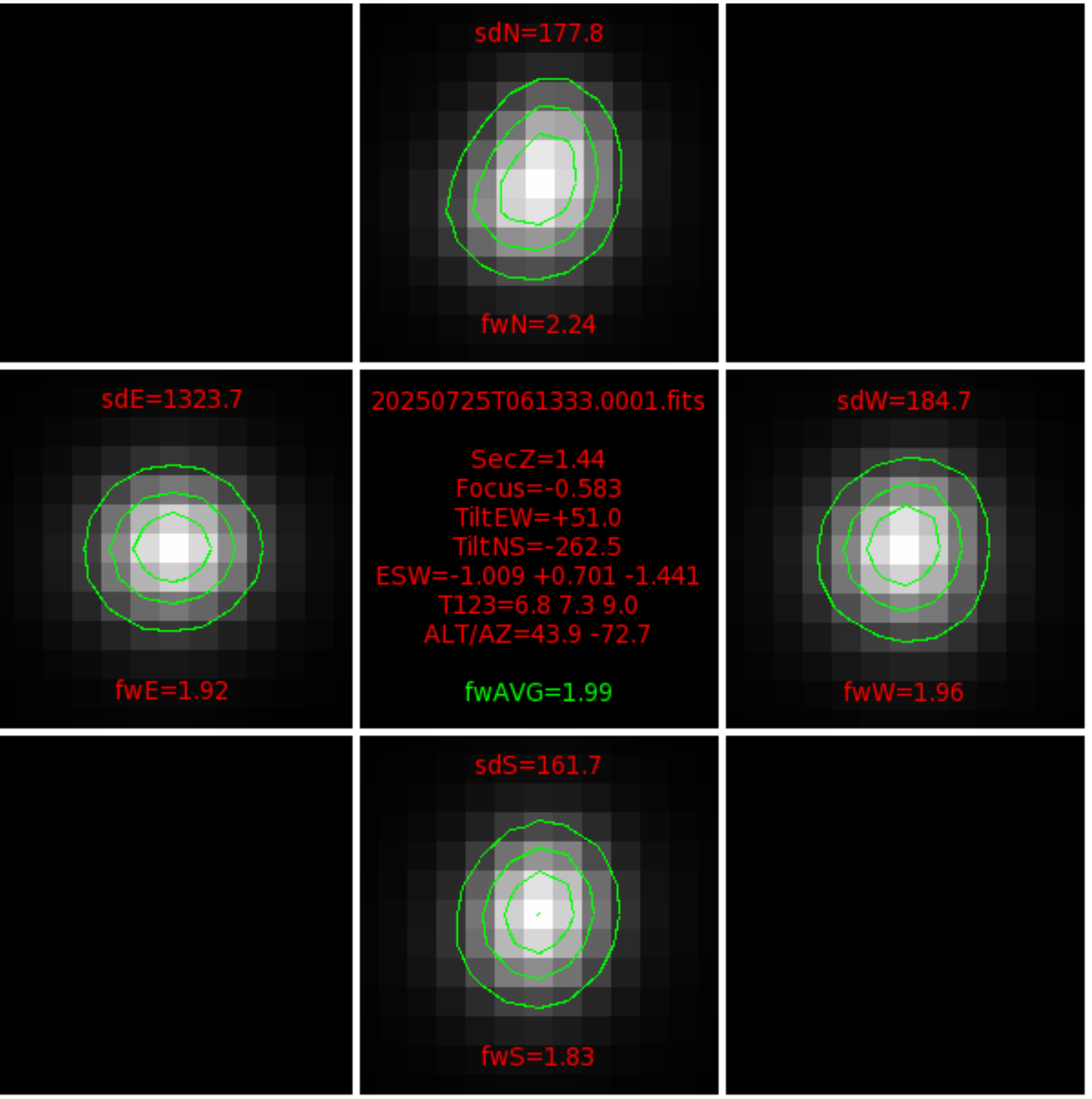
sdN=177.8
fwN=2.24
sdE=1323.7
fwE=1.92
20250725T061333.0001.fits
SecZ=1.44
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=43.9 -72.7
fwAVG=1.99
sdW=184.7
fwW=1.96
sdS=161.7
fwS=1.83
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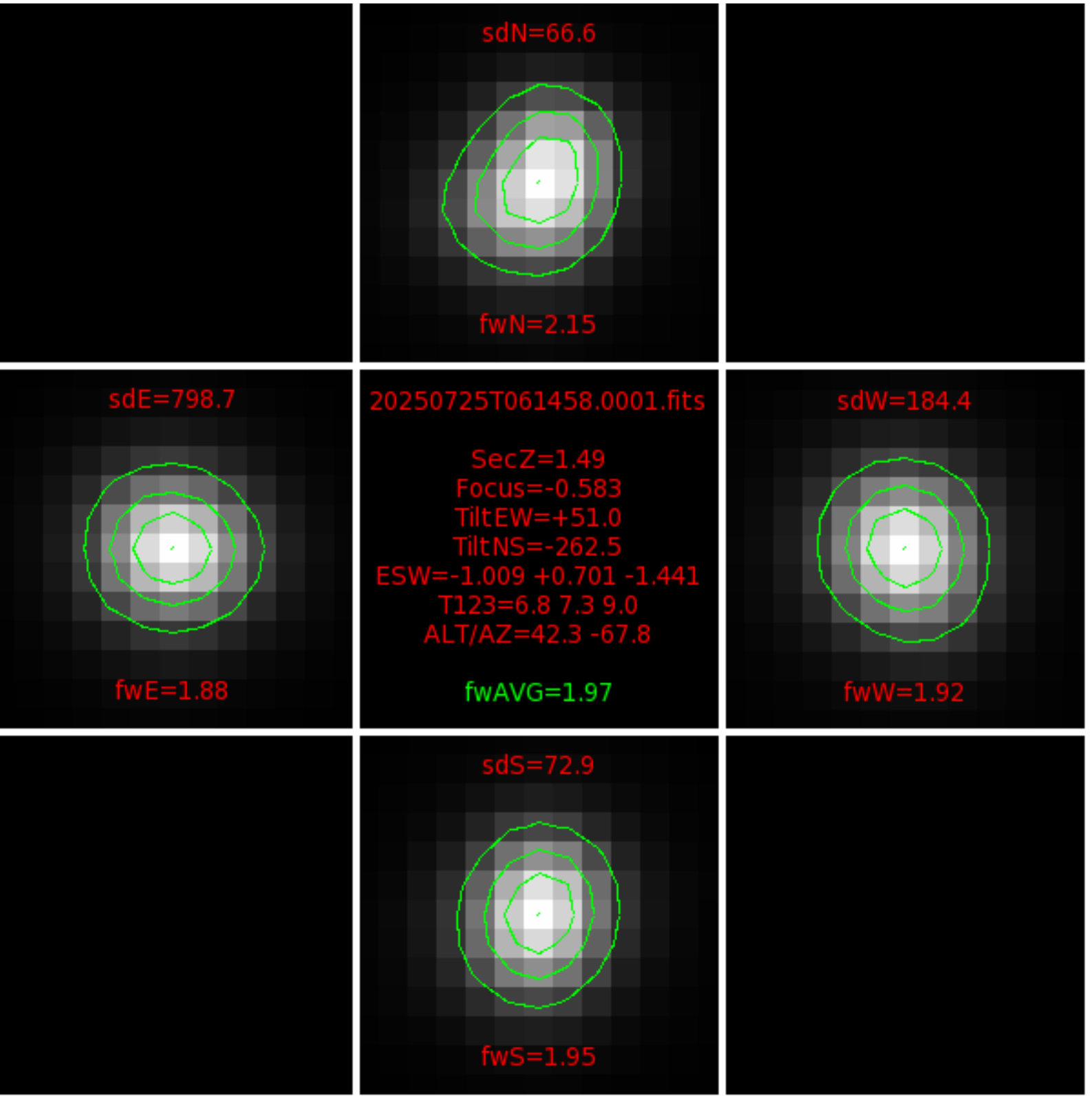
sdN=66.6
fwN=2.15
sdE=798.7
fwE=1.88
20250725T061458.0001.fits
SecZ=1.49
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=42.3 -67.8
fwAVG=1.97
sdW=184.4
fwW=1.92
sdS=72.9
fwS=1.95
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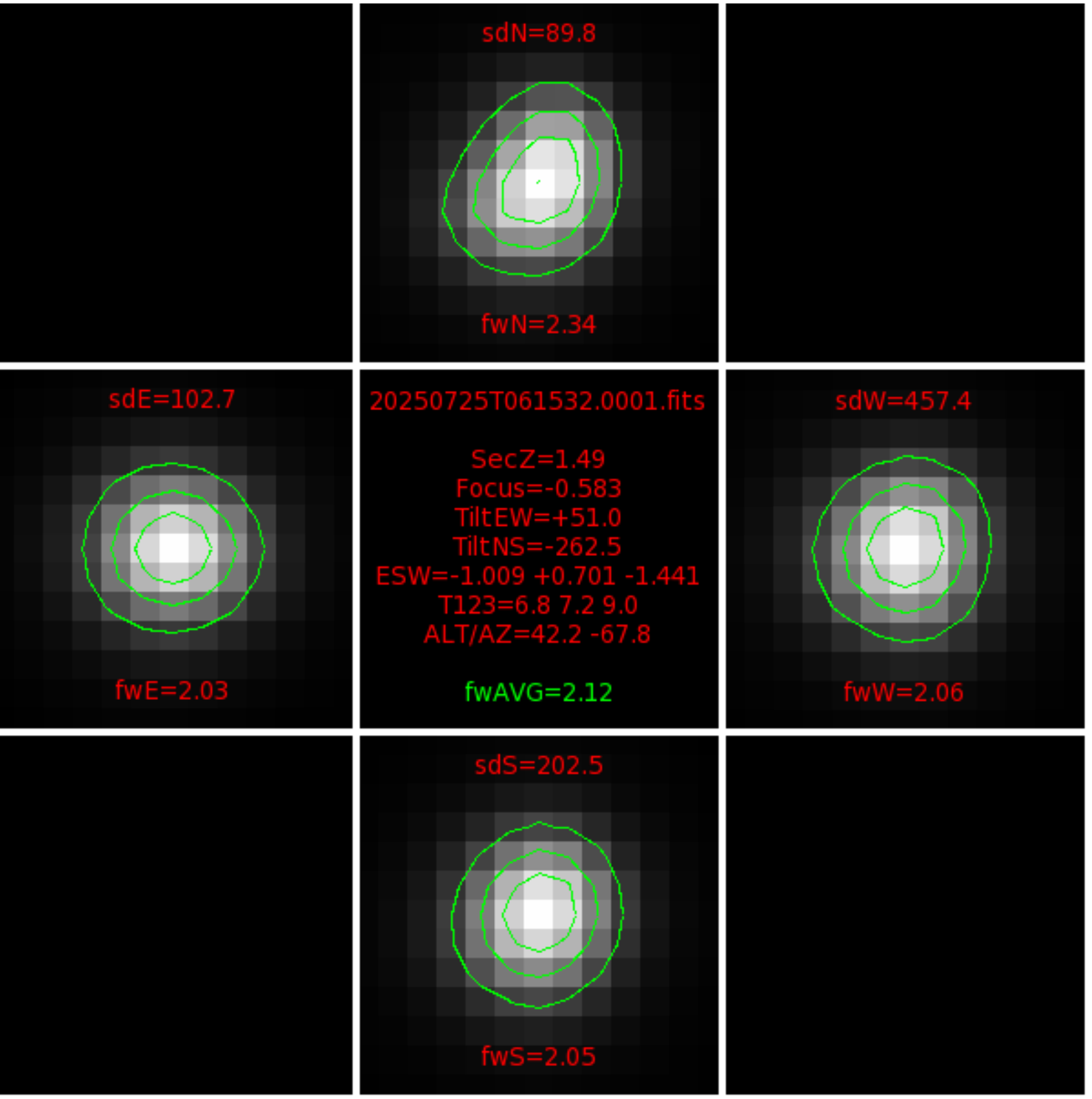
sdN=89.8
fwN=2.34
sdE=102.7
fwE=2.03
20250725T061532.0001.fits
SecZ=1.49
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.2 9.0
ALT/AZ=42.2 -67.8
fwAVG=2.12
sdW=457.4
fwW=2.06
sdS=202.5
fwS=2.05
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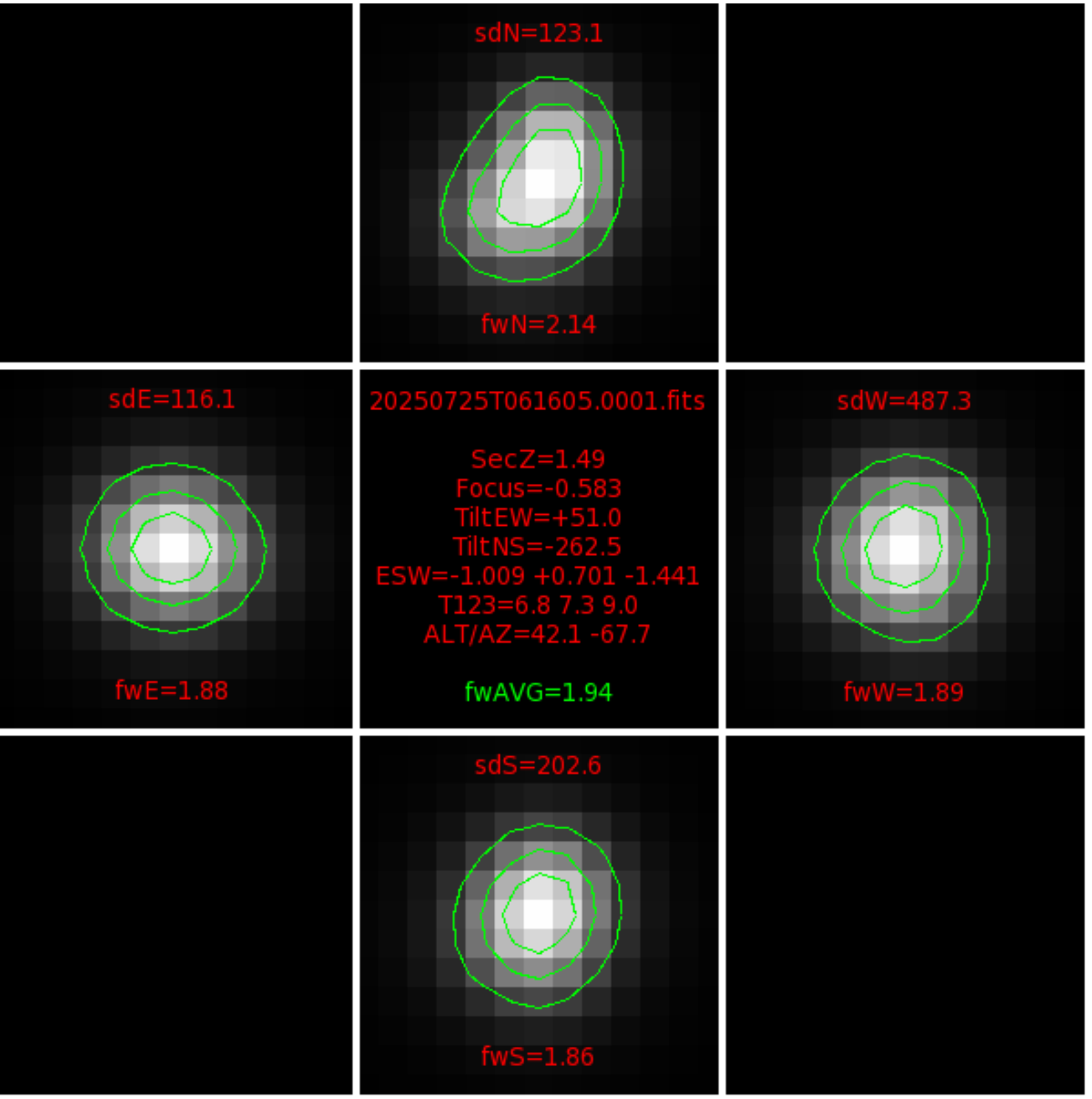
sdN=123.1
fwN=2.14
sdE=116.1
fwE=1.88
20250725T061605.0001.fits
SecZ=1.49
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=42.1 -67.7
fwAVG=1.94
sdW=487.3
fwW=1.89
sdS=202.6
fwS=1.86
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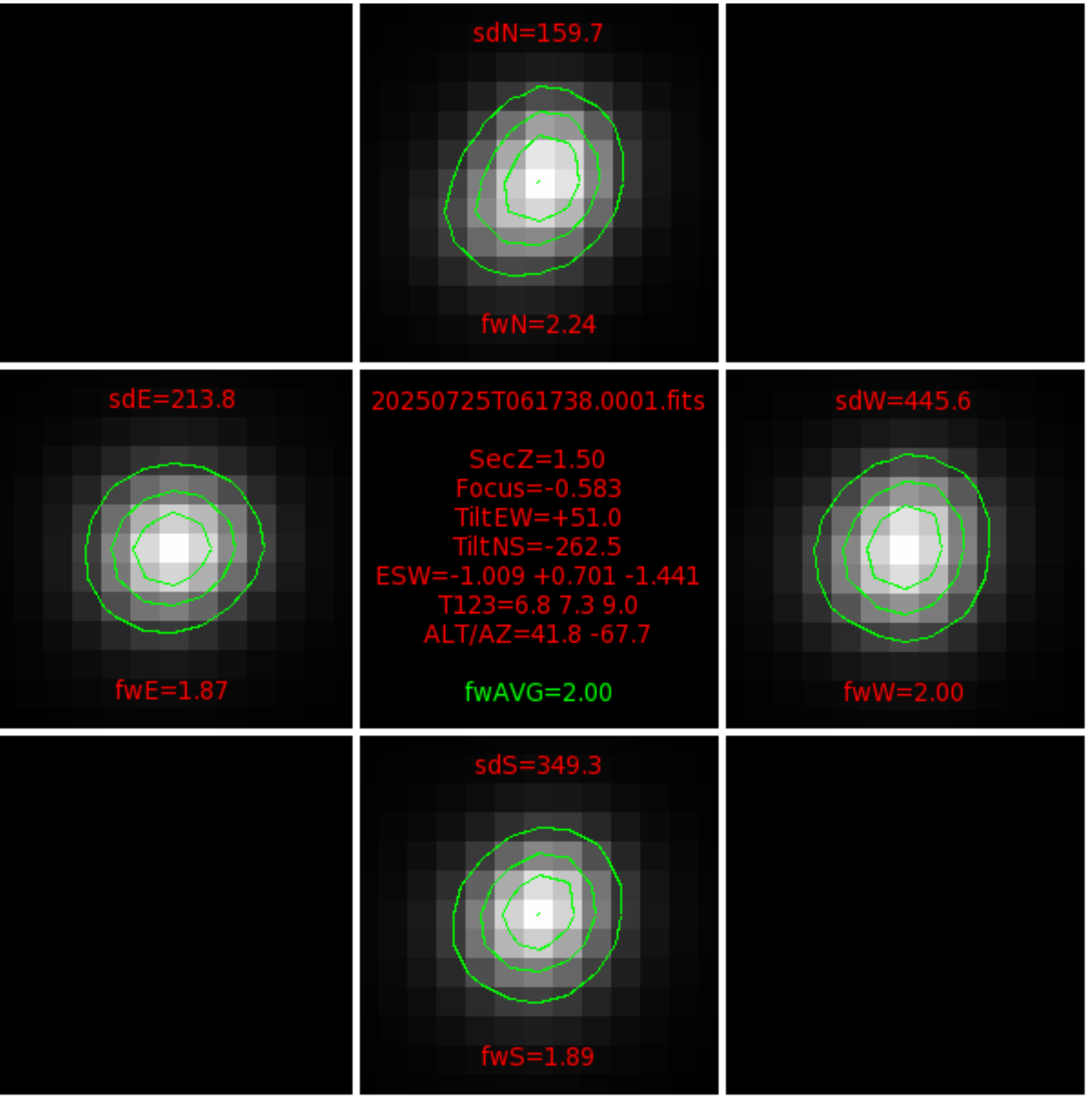
sdN=159.7
fwN=2.24
sdE=213.8
fwE=1.87
20250725T061738.0001.fits
SecZ=1.50
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=41.8 -67.7
fwAVG=2.00
sdW=445.6
fwW=2.00
sdS=349.3
fwS=1.89
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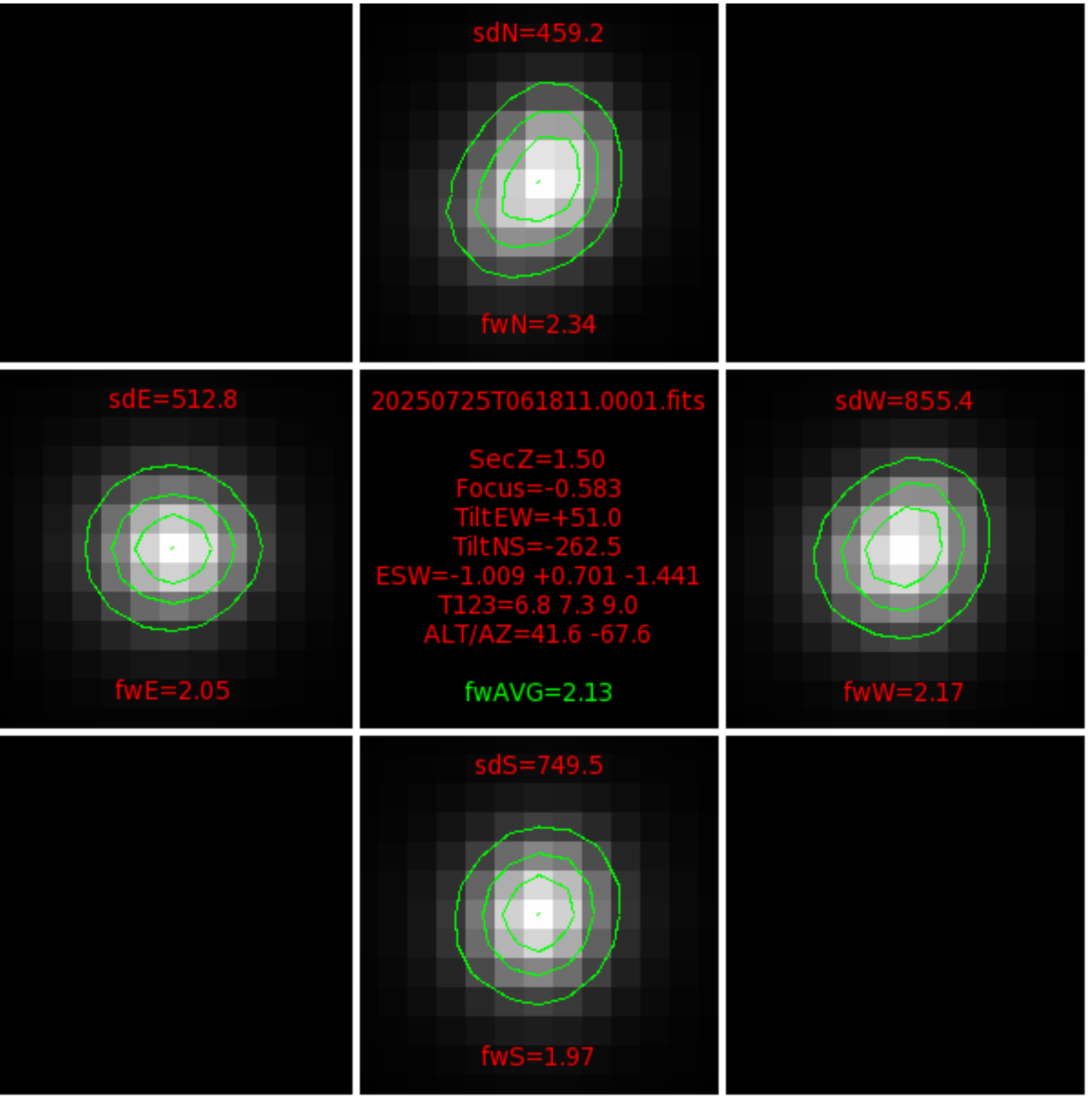
sdN=459.2
fwN=2.34
sdE=512.8
fwE=2.05
20250725T061811.0001.fits
SecZ=1.50
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 9.0
ALT/AZ=41.6 -67.6
fwAVG=2.13
sdW=855.4
fwW=2.17
sdS=749.5
fwS=1.97
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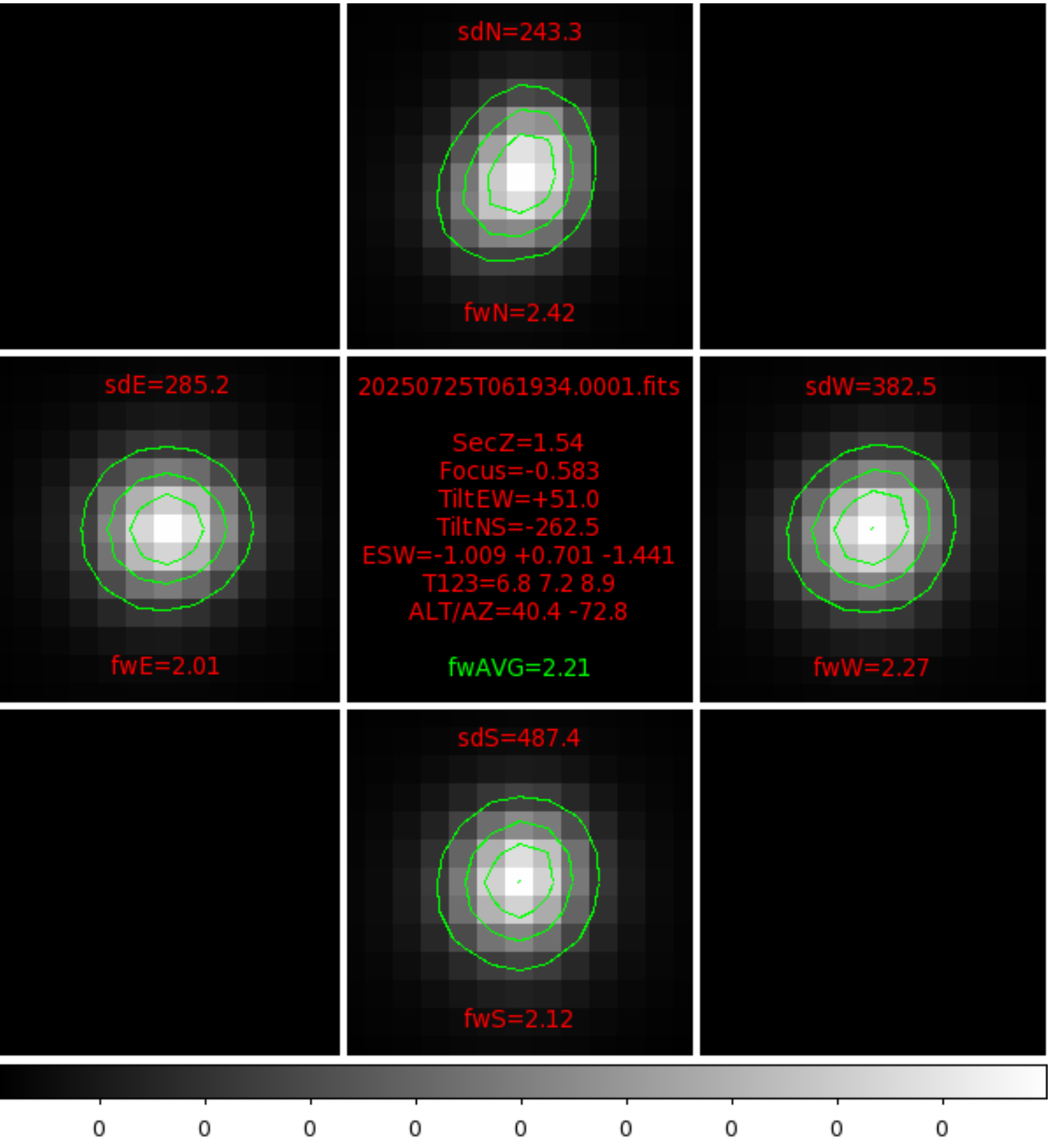
sdN=243.3
fwN=2.42
sdE=285.2
fwE=2.01
20250725T061934.0001.fits
SecZ=1.54
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.2 8.9
ALT/AZ=40.4 -72.8
fwAVG=2.21
sdW=382.5
fwW=2.27
sdS=487.4
fwS=2.12
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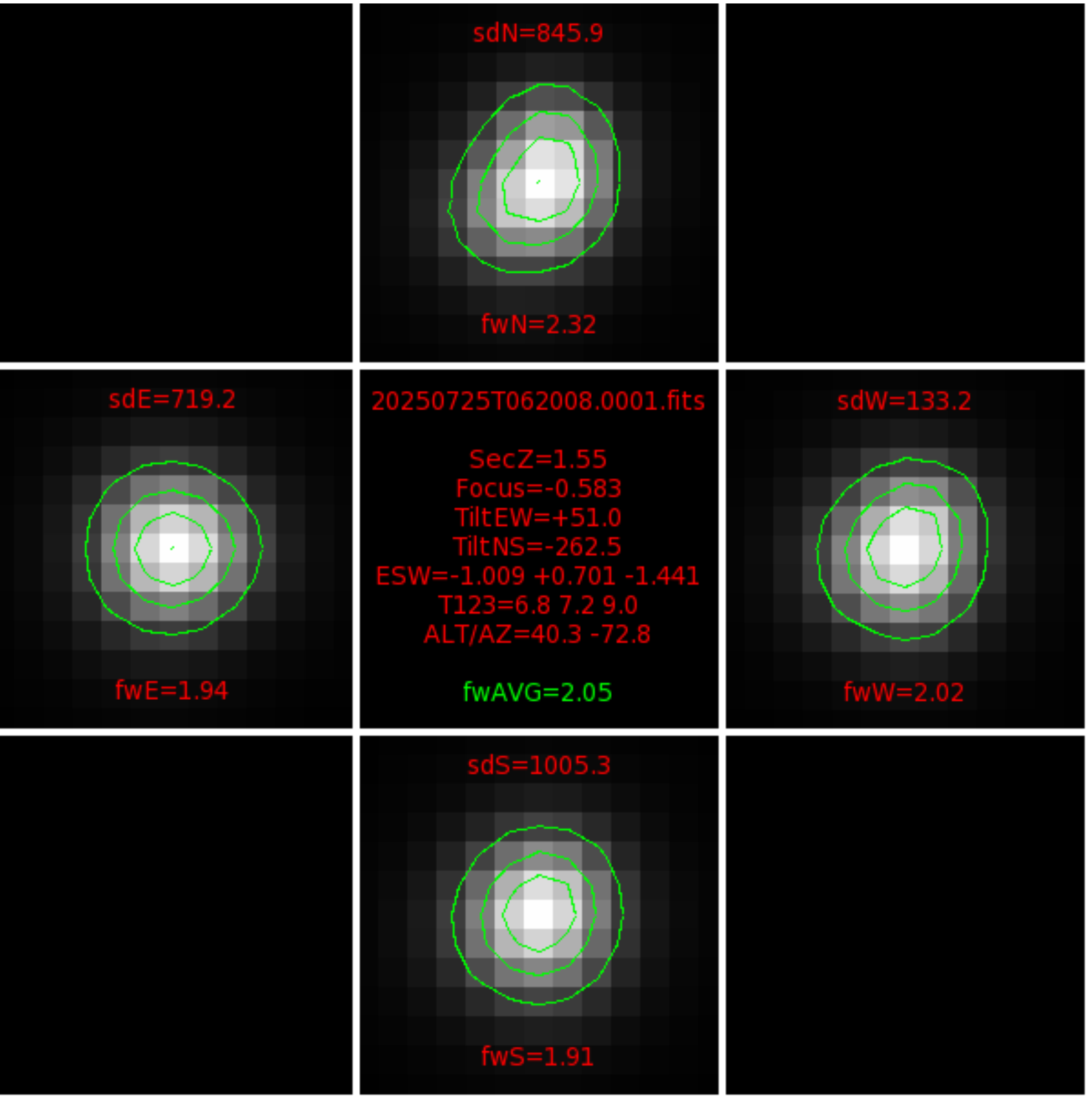
sdN=845.9
fwN=2.32
sdE=719.2
fwE=1.94
20250725T062008.0001.fits
SecZ=1.55
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.2 9.0
ALT/AZ=40.3 -72.8
fwAVG=2.05
sdW=133.2
fwW=2.02
sdS=1005.3
fwS=1.91
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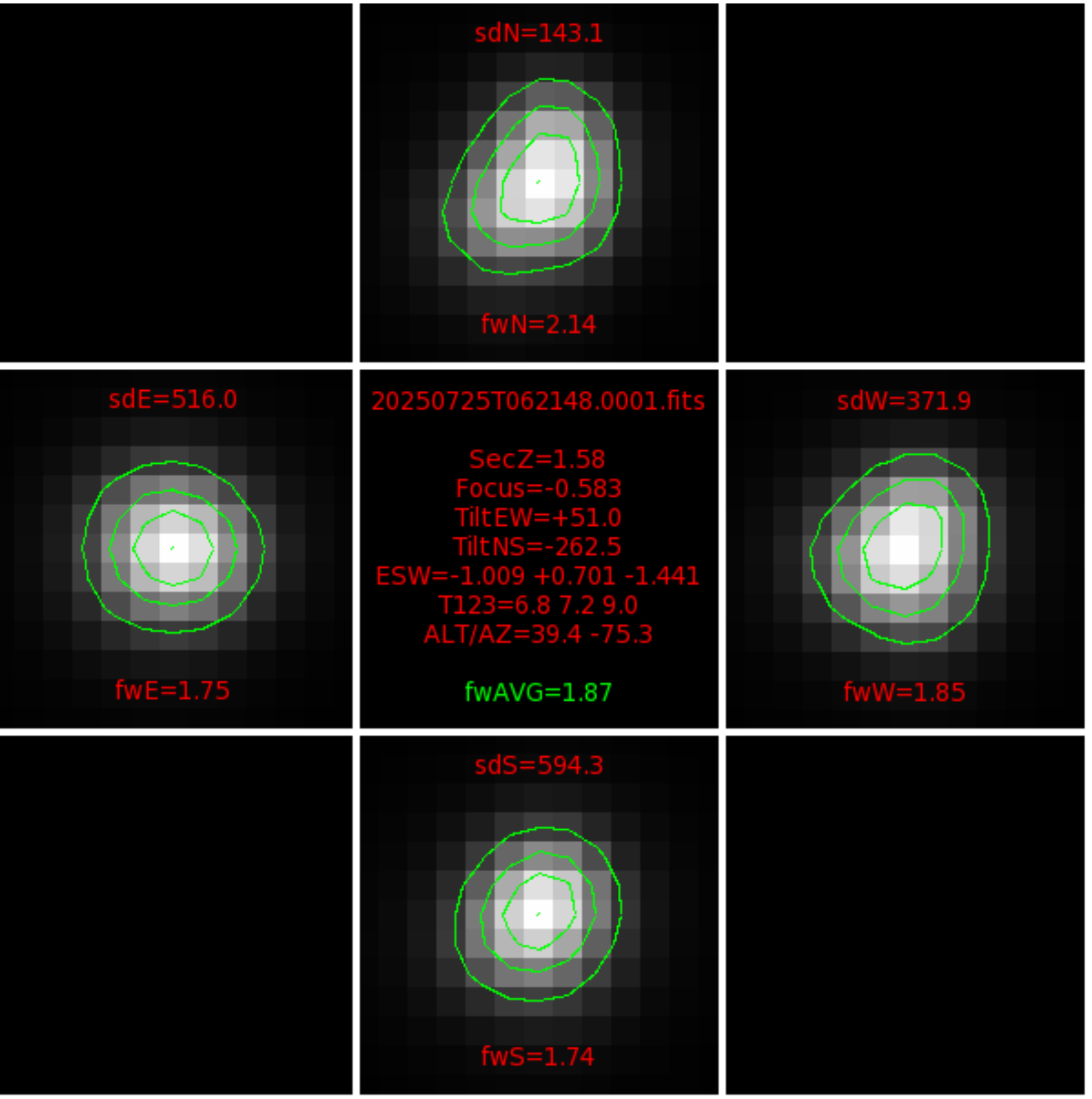
sdN=143.1
fwN=2.14
sdE=516.0
fwE=1.75
20250725T062148.0001.fits
SecZ=1.58
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.2 9.0
ALT/AZ=39.4 -75.3
fwAVG=1.87
sdW=371.9
fwW=1.85
sdS=594.3
fwS=1.74
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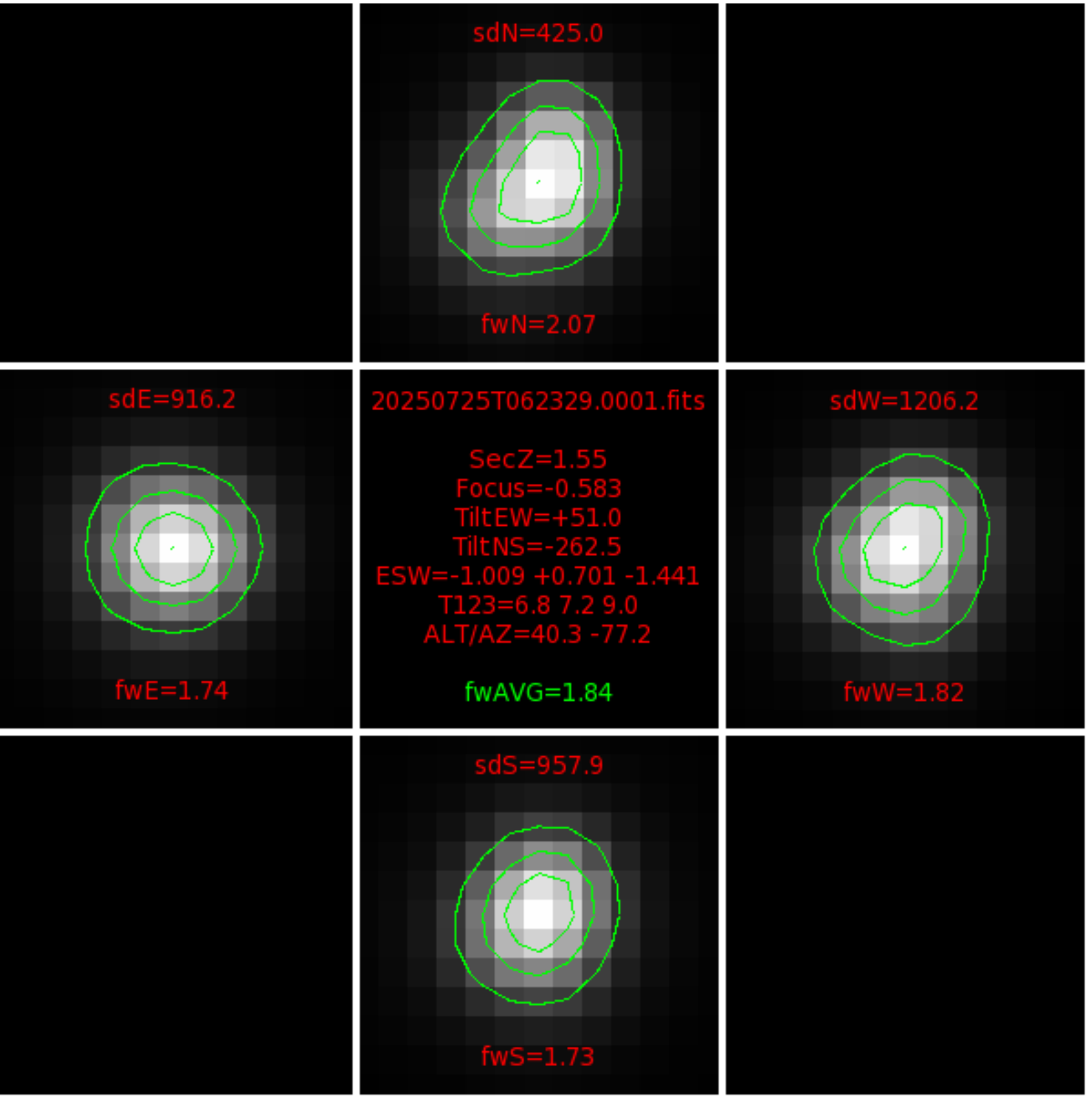
sdN=425.0
fwN=2.07
sdE=916.2
fwE=1.74
20250725T062329.0001.fits
SecZ=1.55
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.2 9.0
ALT/AZ=40.3 -77.2
fwAVG=1.84
sdW=1206.2
fwW=1.82
sdS=957.9
fwS=1.73
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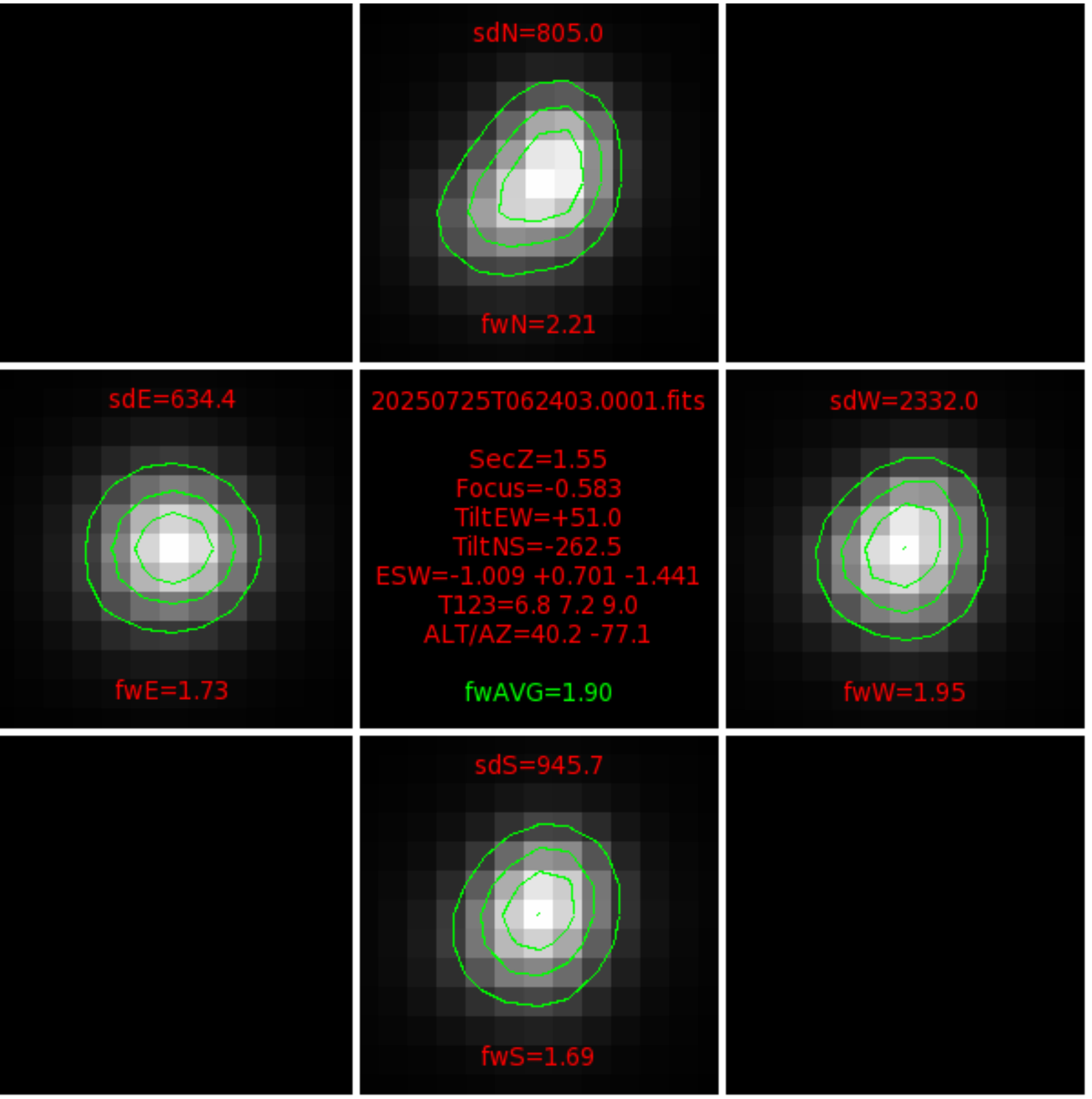
sdN=805.0
fwN=2.21
sdE=634.4
fwE=1.73
20250725T062403.0001.fits
SecZ=1.55
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.2 9.0
ALT/AZ=40.2 -77.1
fwAVG=1.90
sdW=2332.0
fwW=1.95
sdS=945.7
fwS=1.69
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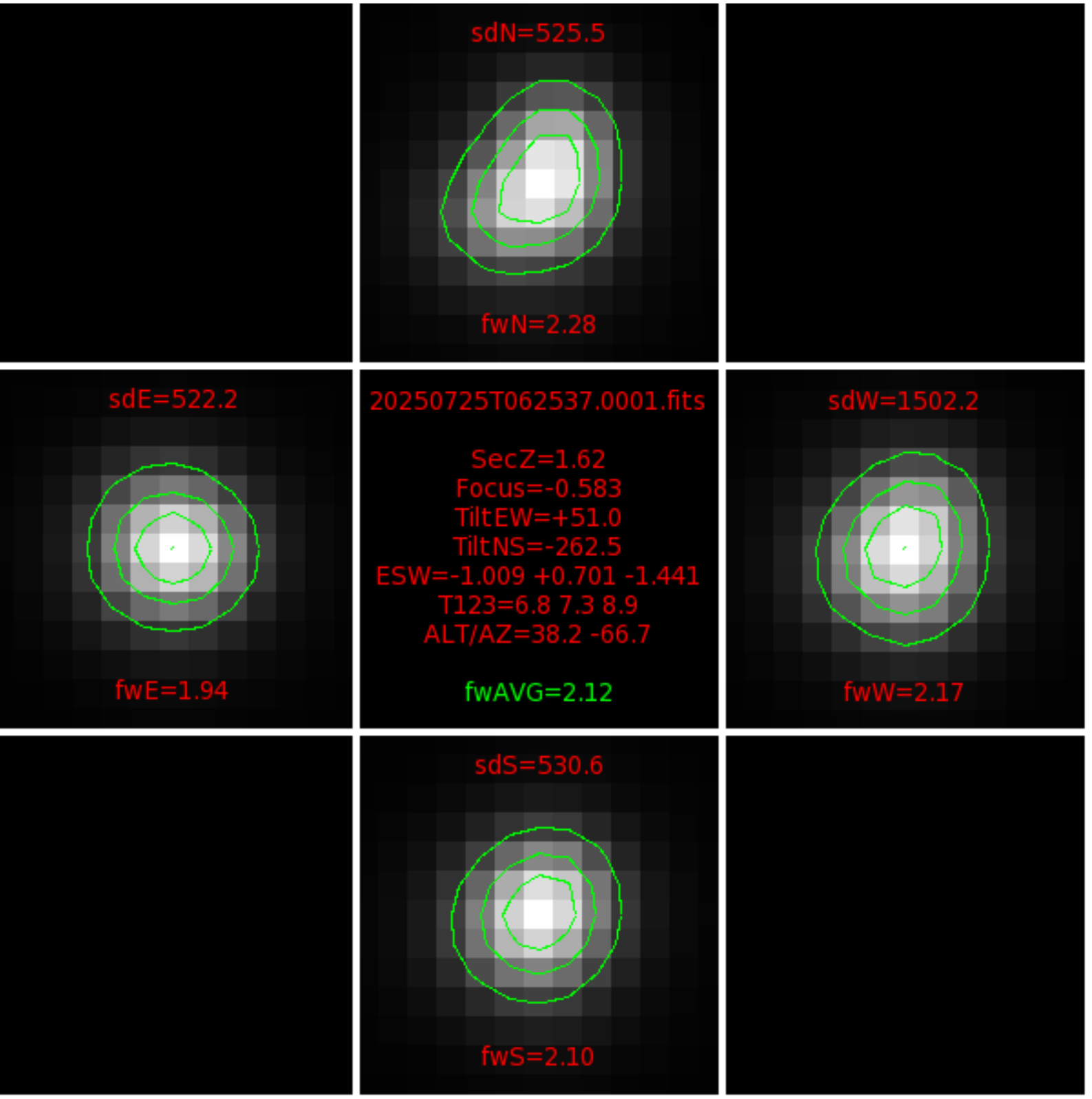
sdN=525.5
fwN=2.28
sdE=522.2
fwE=1.94
20250725T062537.0001.fits
SecZ=1.62
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 8.9
ALT/AZ=38.2 -66.7
fwAVG=2.12
sdW=1502.2
fwW=2.17
sdS=530.6
fwS=2.10
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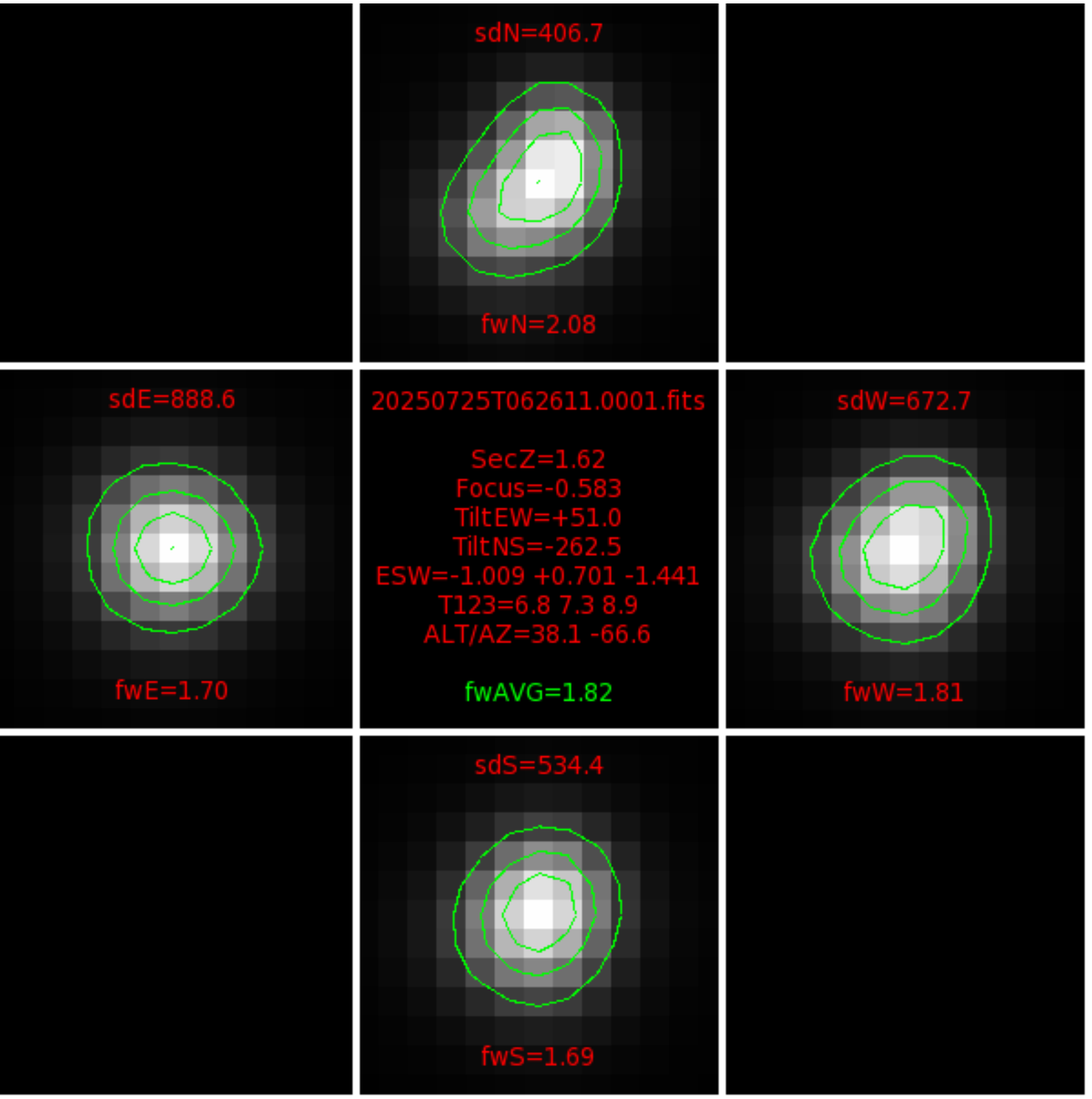
sdN=406.7
fwN=2.08
sdE=888.6
fwE=1.70
20250725T062611.0001.fits
SecZ=1.62
Focus=-0.583
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.009 +0.701 -1.441
T123=6.8 7.3 8.9
ALT/AZ=38.1 -66.6
fwAVG=1.82
sdW=672.7
fwW=1.81
sdS=534.4
fwS=1.69
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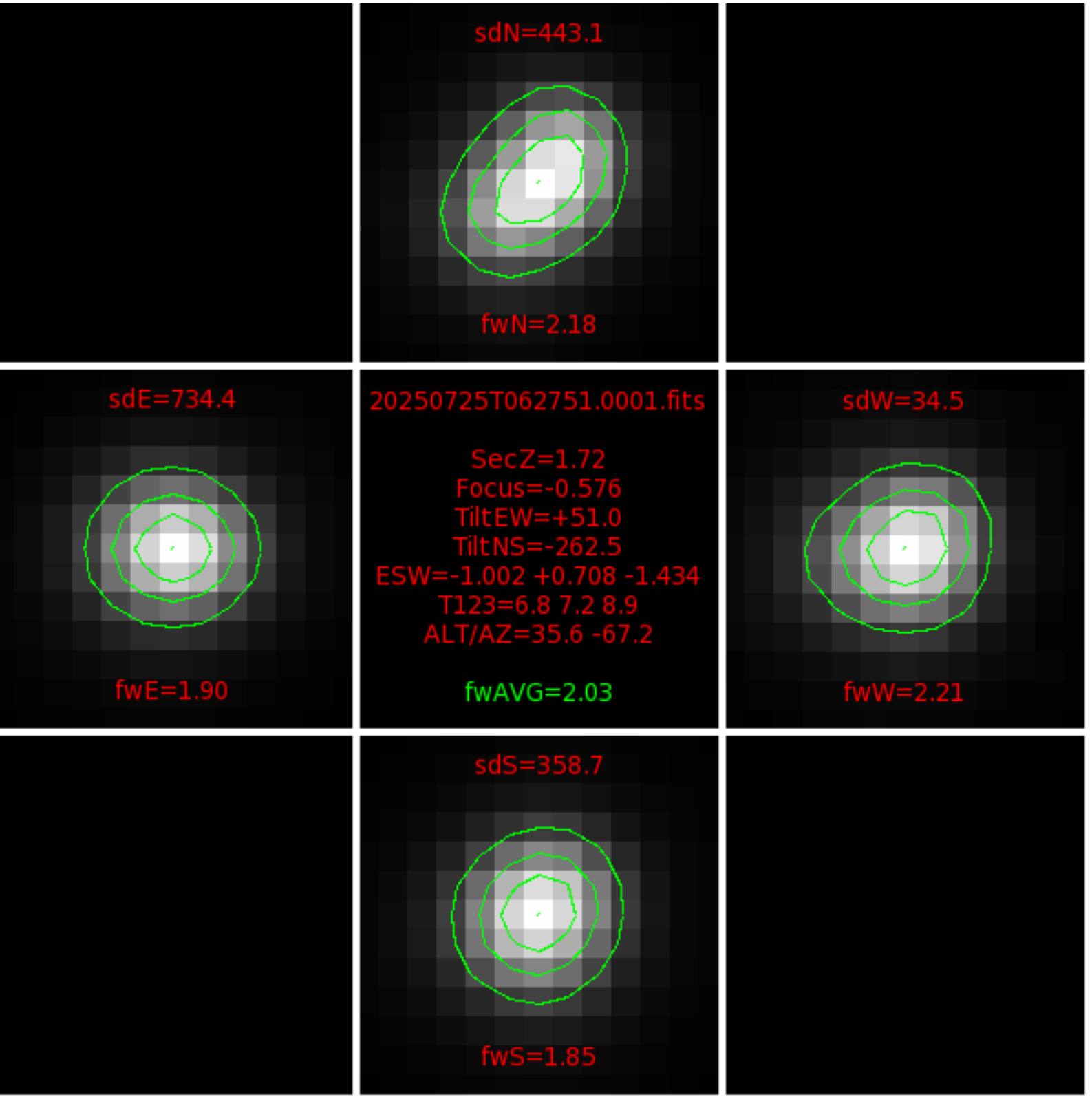
sdN=443.1
fwN=2.18
sdE=734.4
fwE=1.90
20250725T062751.0001.fits
SecZ=1.72
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.8 7.2 8.9
ALT/AZ=35.6 -67.2
fwAVG=2.03
sdW=34.5
fwW=2.21
sdS=358.7
fwS=1.85
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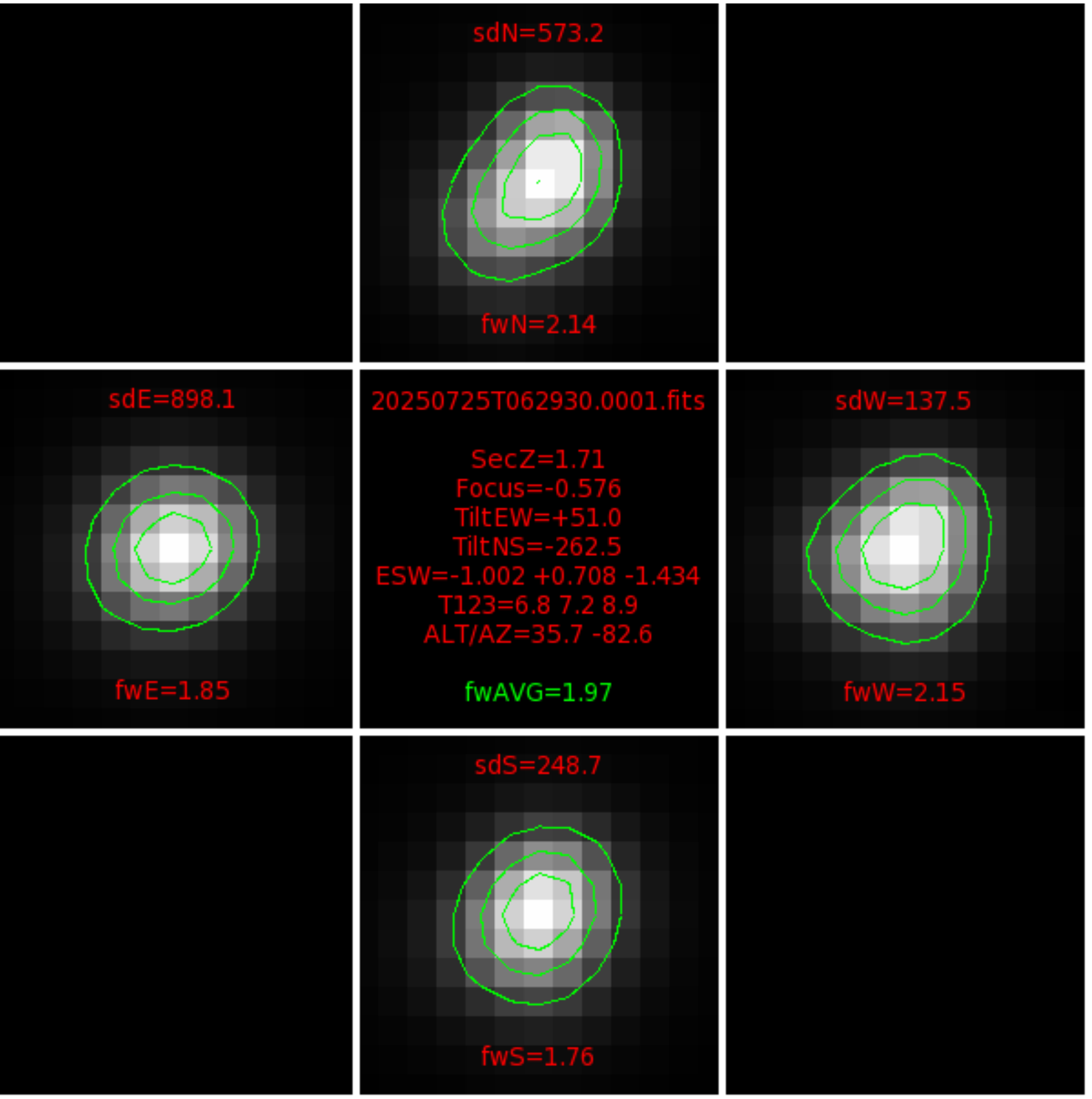
sdN=573.2
fwN=2.14
sdE=898.1
fwE=1.85
20250725T062930.0001.fits
SecZ=1.71
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.8 7.2 8.9
ALT/AZ=35.7 -82.6
fwAVG=1.97
sdW=137.5
fwW=2.15
sdS=248.7
fwS=1.76
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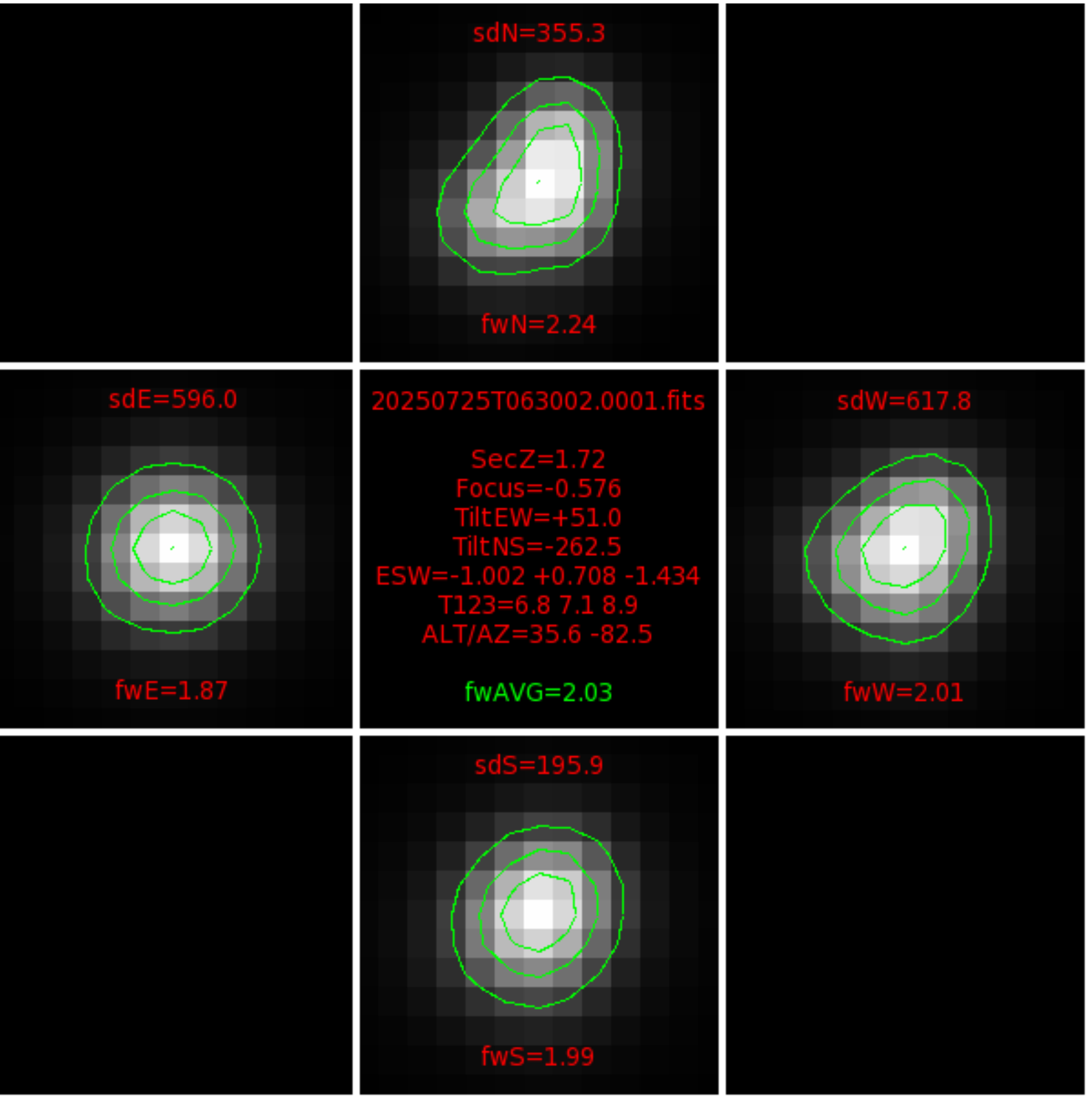
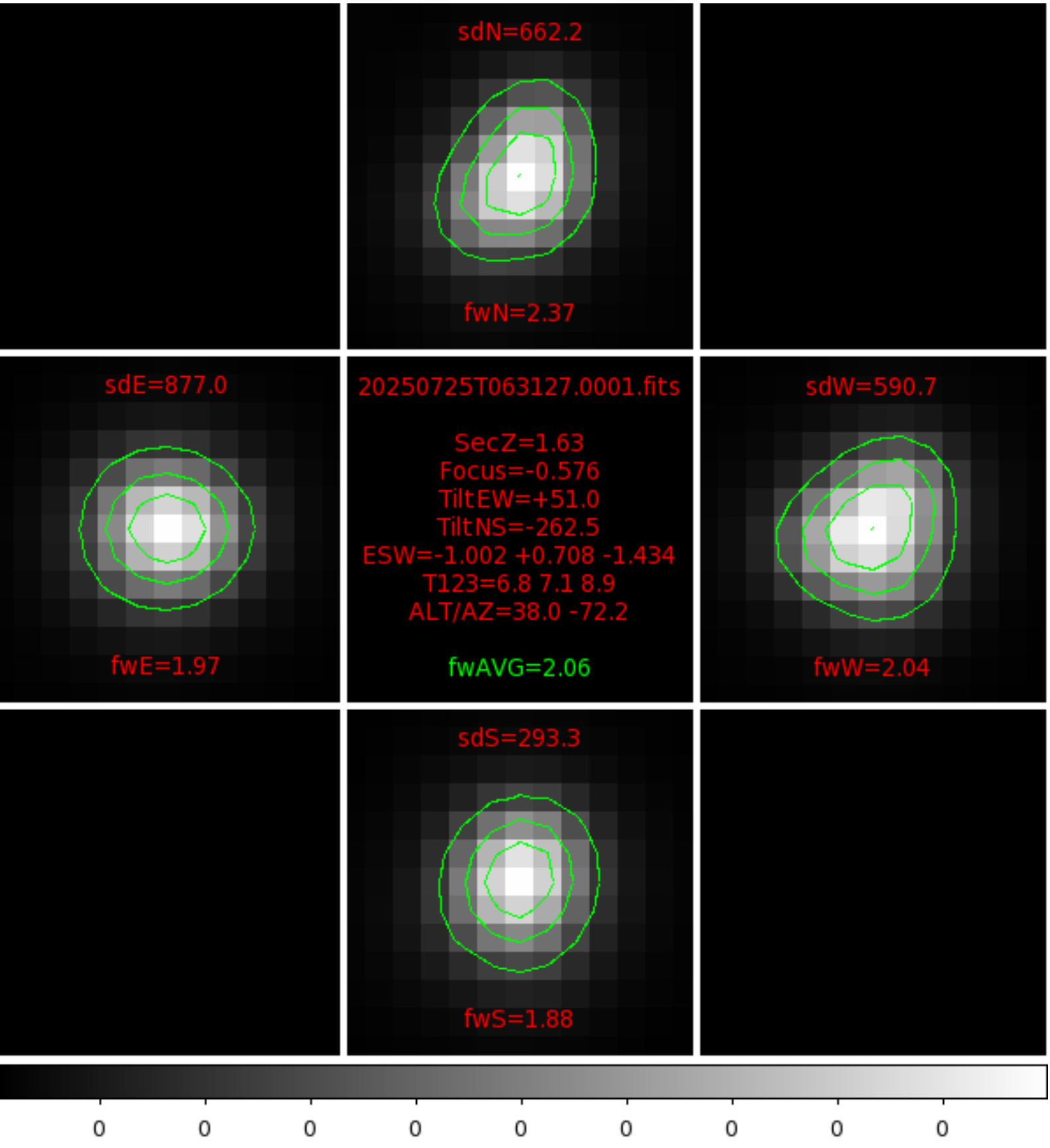
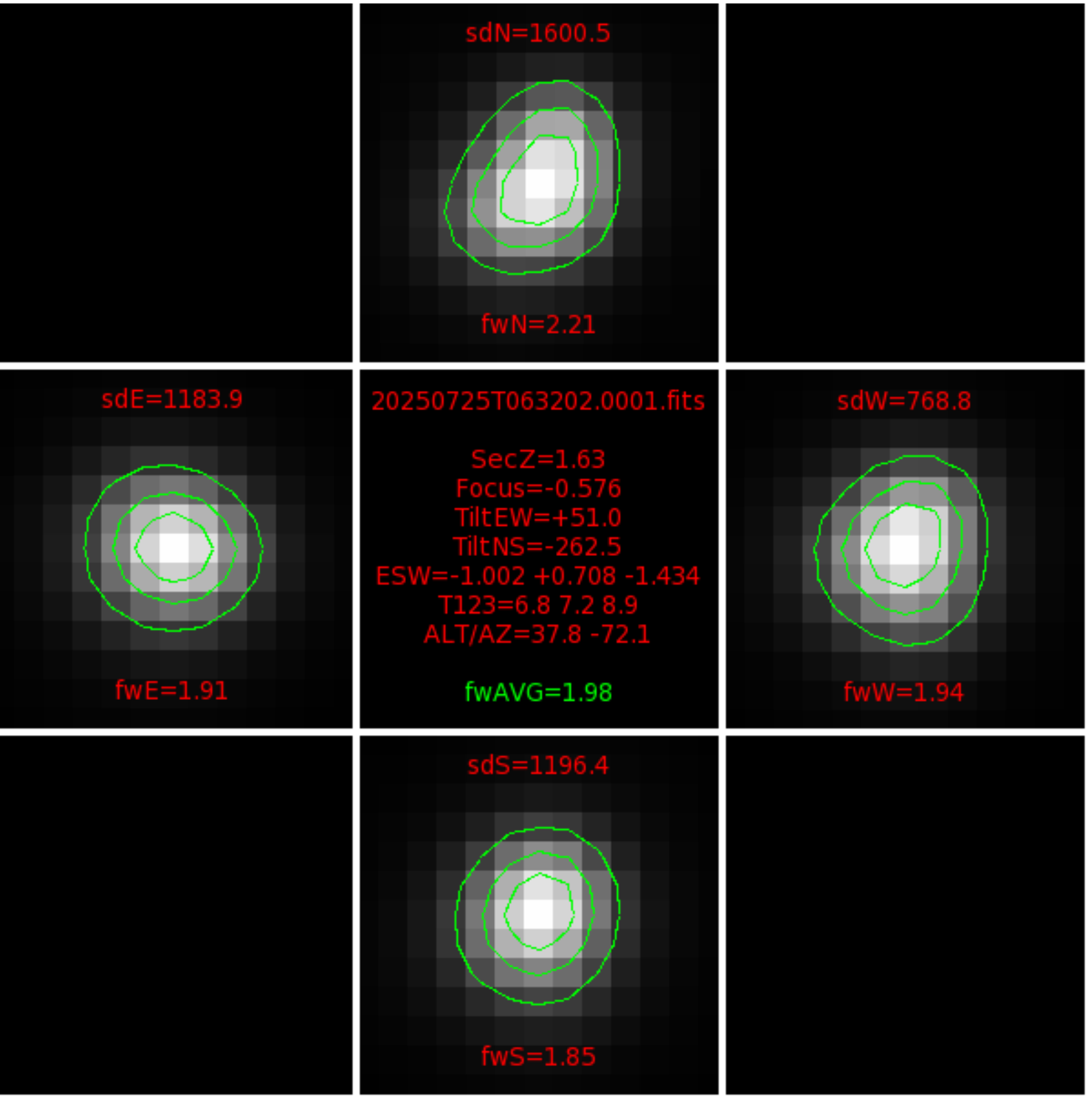

sdN=355.3
fwN=2.24
sdE=596.0
fwE=1.87
20250725T063002.0001.fits
SecZ=1.72
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.8 7.1 8.9
ALT/AZ=35.6 -82.5
fwAVG=2.03
sdW=617.8
fwW=2.01
sdS=195.9
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=662.2
fwN=2.37
sdE=877.0
fwE=1.97
20250725T063127.0001.fits
SecZ=1.63
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.8 7.1 8.9
ALT/AZ=38.0 -72.2
fwAVG=2.06
sdW=590.7
fwW=2.04
sdS=293.3
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=1600.5
fwN=2.21
sdE=1183.9
fwE=1.91
20250725T063202.0001.fits
SecZ=1.63
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.8 7.2 8.9
ALT/AZ=37.8 -72.1
fwAVG=1.98
sdW=768.8
fwW=1.94
sdS=1196.4
fwS=1.85
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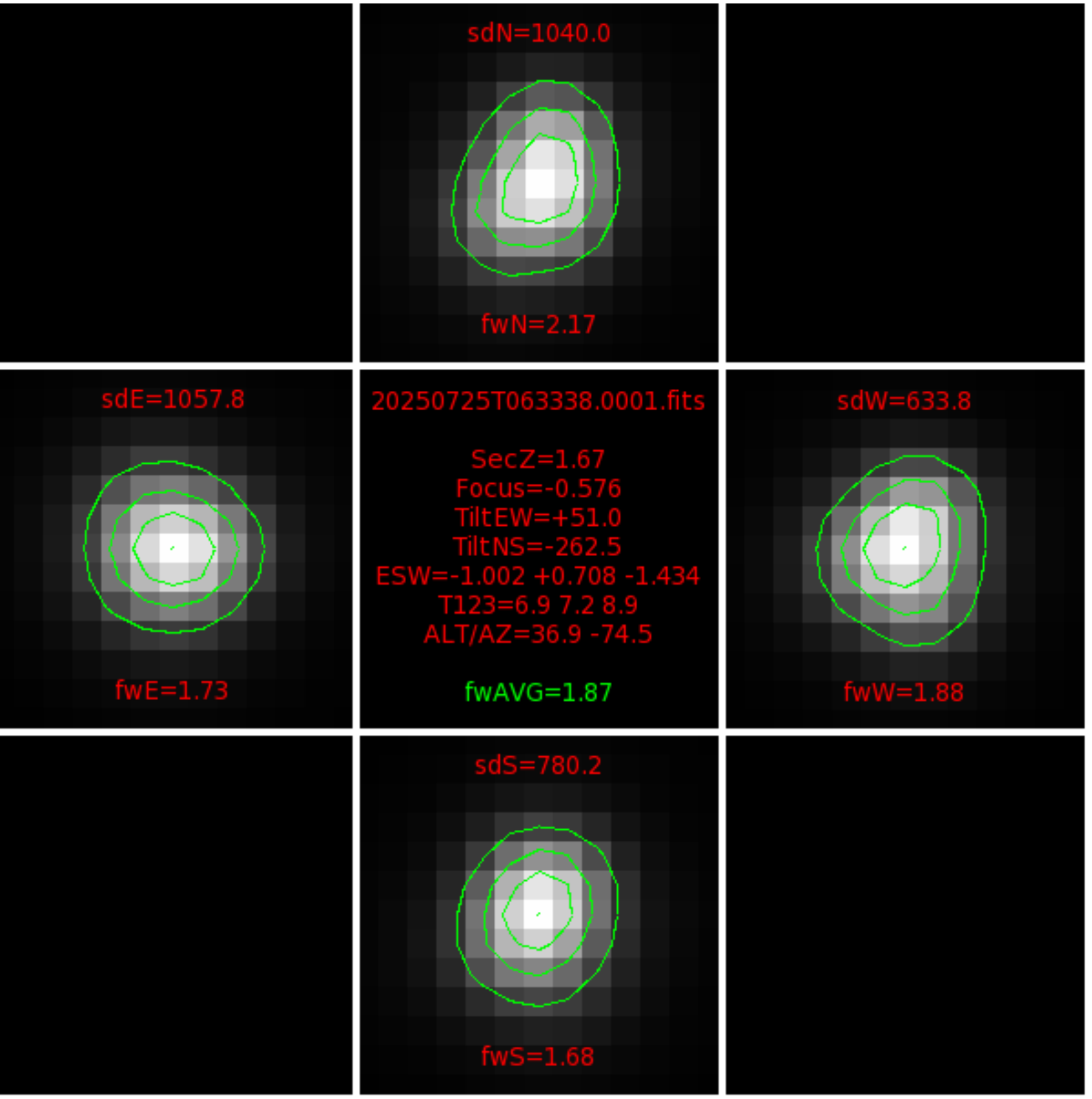
sdN=1040.0
fwN=2.17
sdE=1057.8
fwE=1.73
20250725T063338.0001.fits
SecZ=1.67
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.9 7.2 8.9
ALT/AZ=36.9 -74.5
fwAVG=1.87
sdW=633.8
fwW=1.88
sdS=780.2
fwS=1.68
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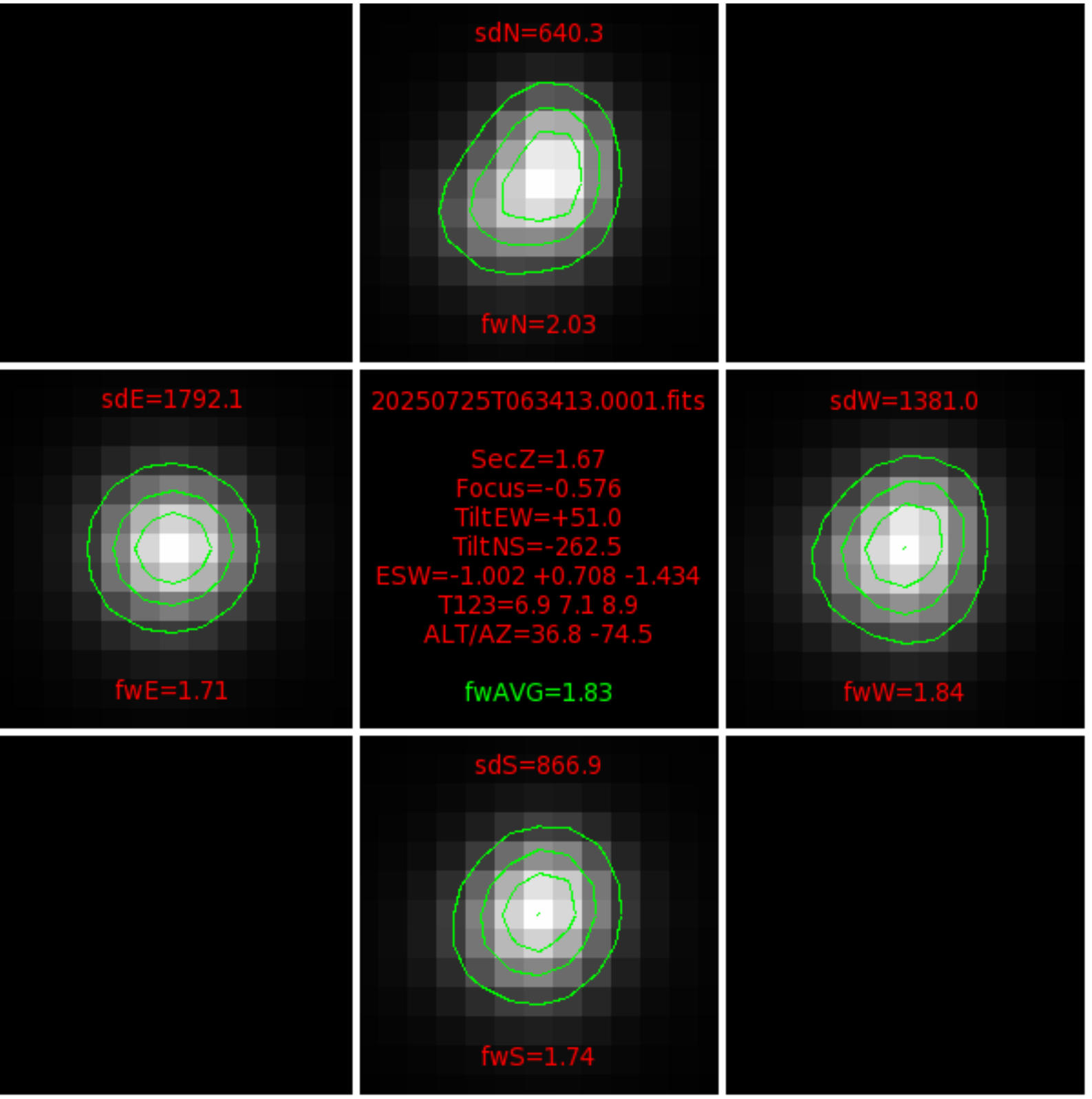
sdN=640.3
fwN=2.03
sdE=1792.1
fwE=1.71
20250725T063413.0001.fits
SecZ=1.67
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.9 7.1 8.9
ALT/AZ=36.8 -74.5
fwAVG=1.83
sdW=1381.0
fwW=1.84
sdS=866.9
fwS=1.74
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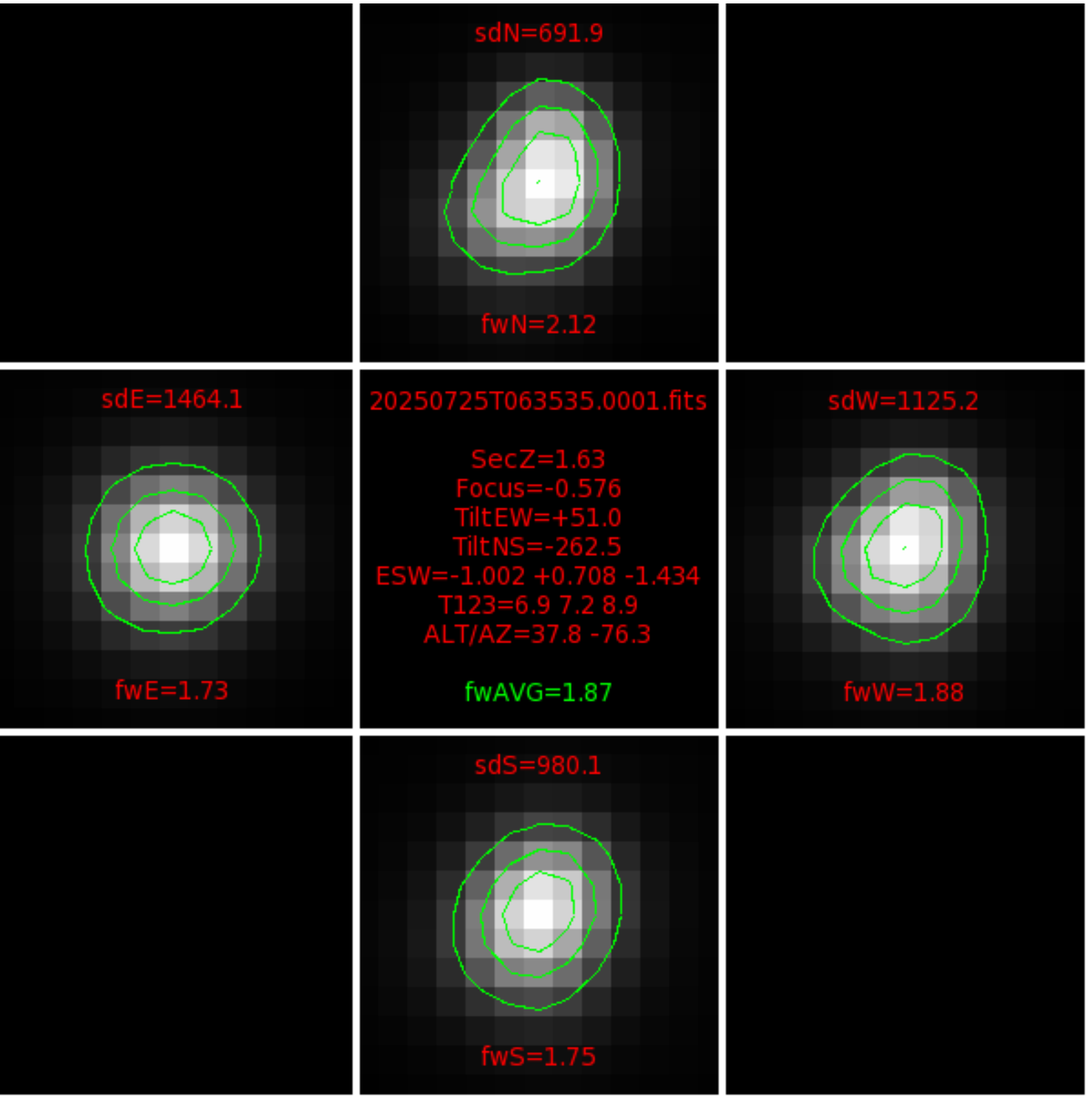
sdN=691.9
fwN=2.12
sdE=1464.1
fwE=1.73
20250725T063535.0001.fits
SecZ=1.63
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.9 7.2 8.9
ALT/AZ=37.8 -76.3
fwAVG=1.87
sdW=1125.2
fwW=1.88
sdS=980.1
fwS=1.75
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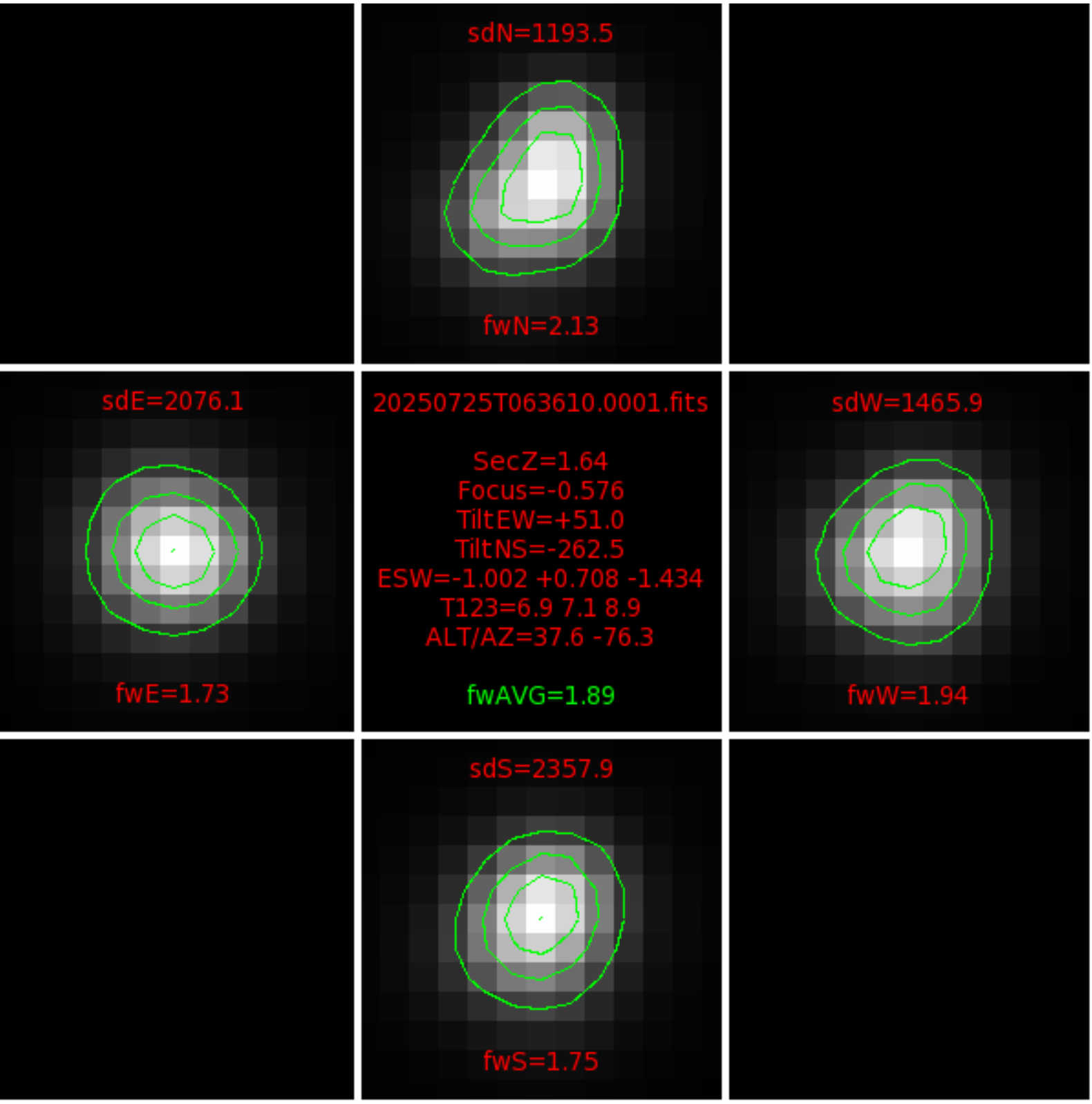
sdN=1193.5
fwN=2.13
sdE=2076.1
fwE=1.73
20250725T063610.0001.fits
SecZ=1.64
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.9 7.1 8.9
ALT/AZ=37.6 -76.3
fwAVG=1.89
sdW=1465.9
fwW=1.94
sdS=2357.9
fwS=1.75
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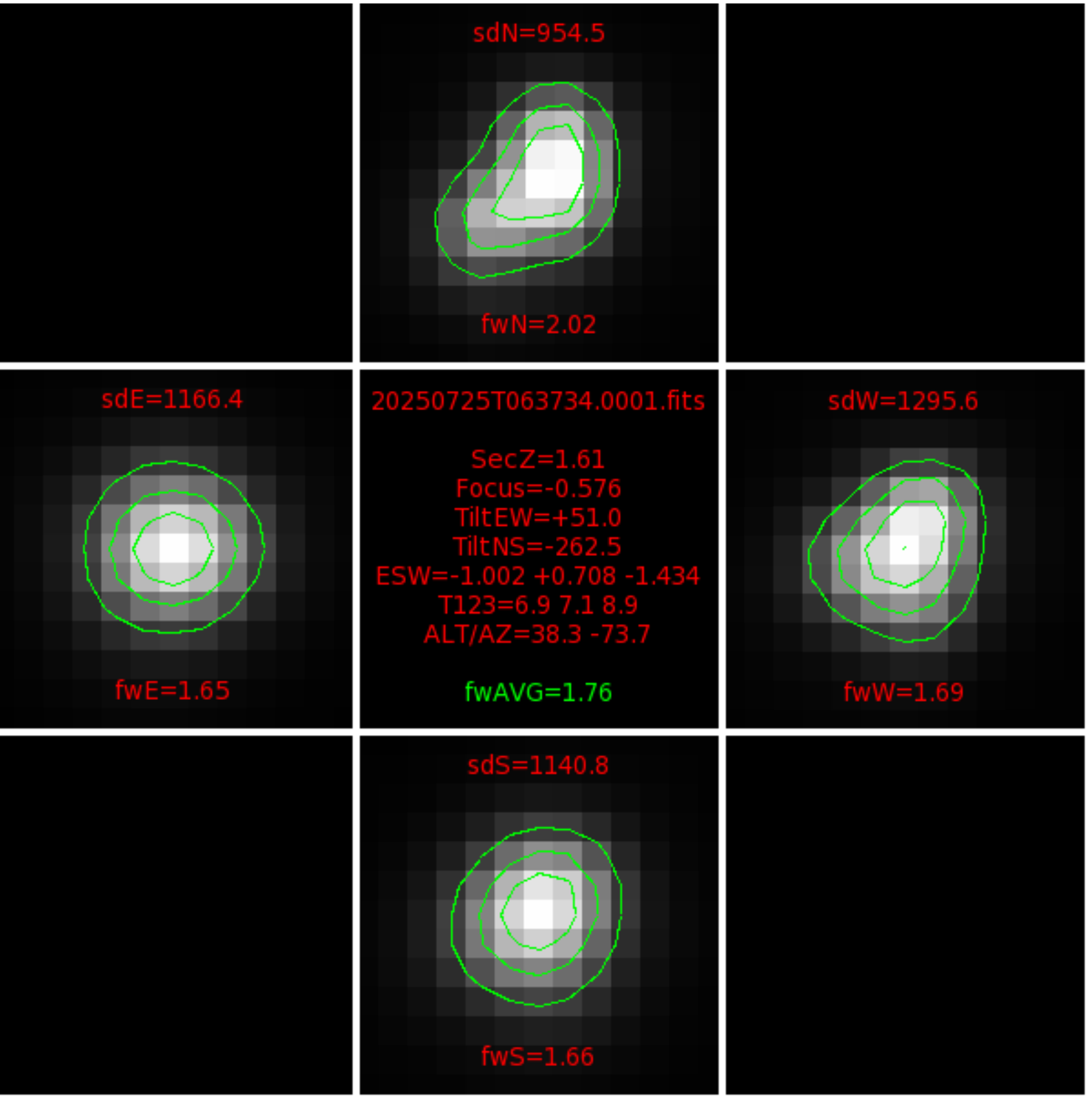
sdN=954.5
fwN=2.02
sdE=1166.4
fwE=1.65
20250725T063734.0001.fits
SecZ=1.61
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.9 7.1 8.9
ALT/AZ=38.3 -73.7
fwAVG=1.76
sdW=1295.6
fwW=1.69
sdS=1140.8
fwS=1.66
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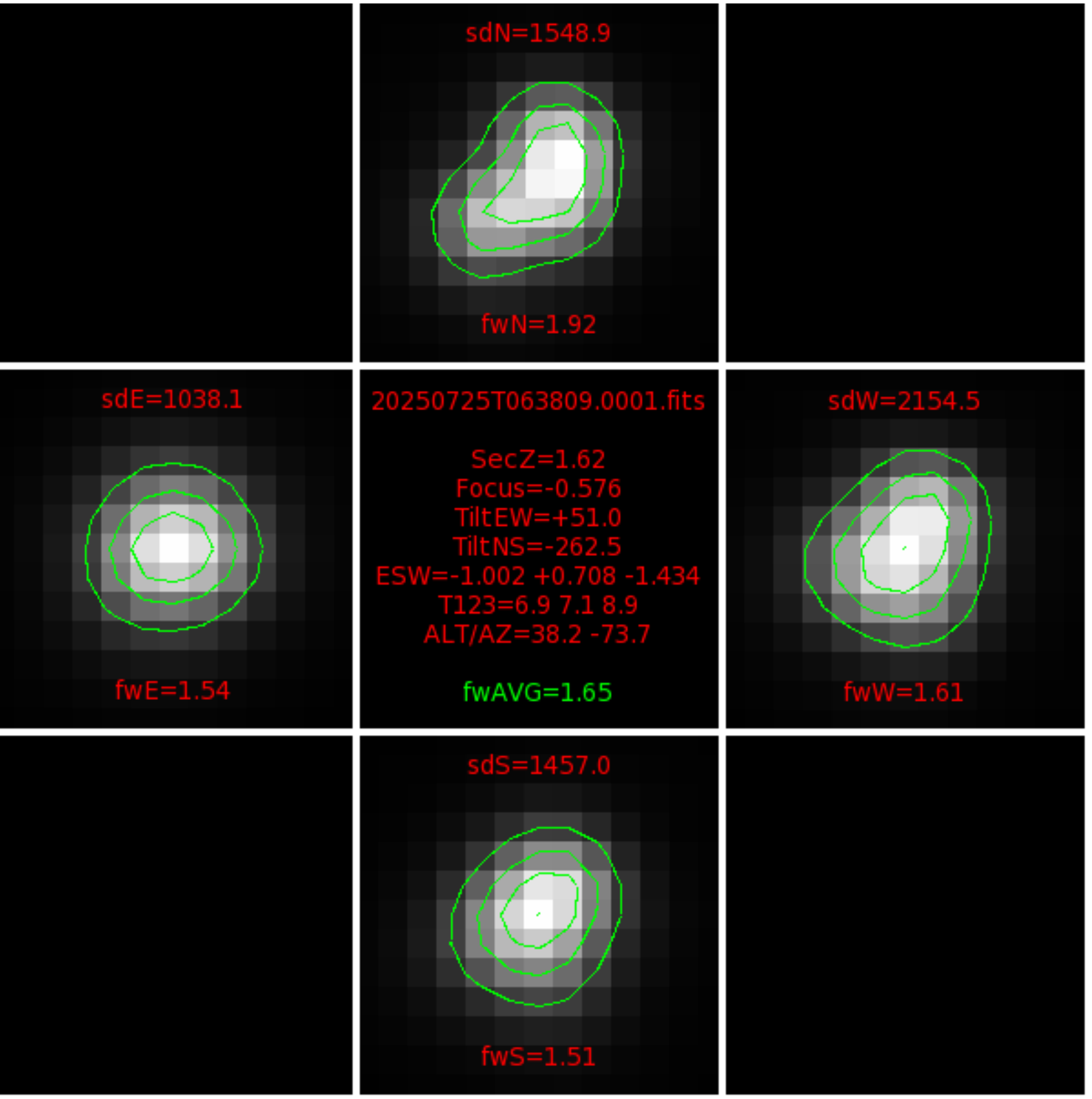
sdN=1548.9
fwN=1.92
sdE=1038.1
fwE=1.54
20250725T063809.0001.fits
SecZ=1.62
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.9 7.1 8.9
ALT/AZ=38.2 -73.7
fwAVG=1.65
sdW=2154.5
fwW=1.61
sdS=1457.0
fwS=1.51
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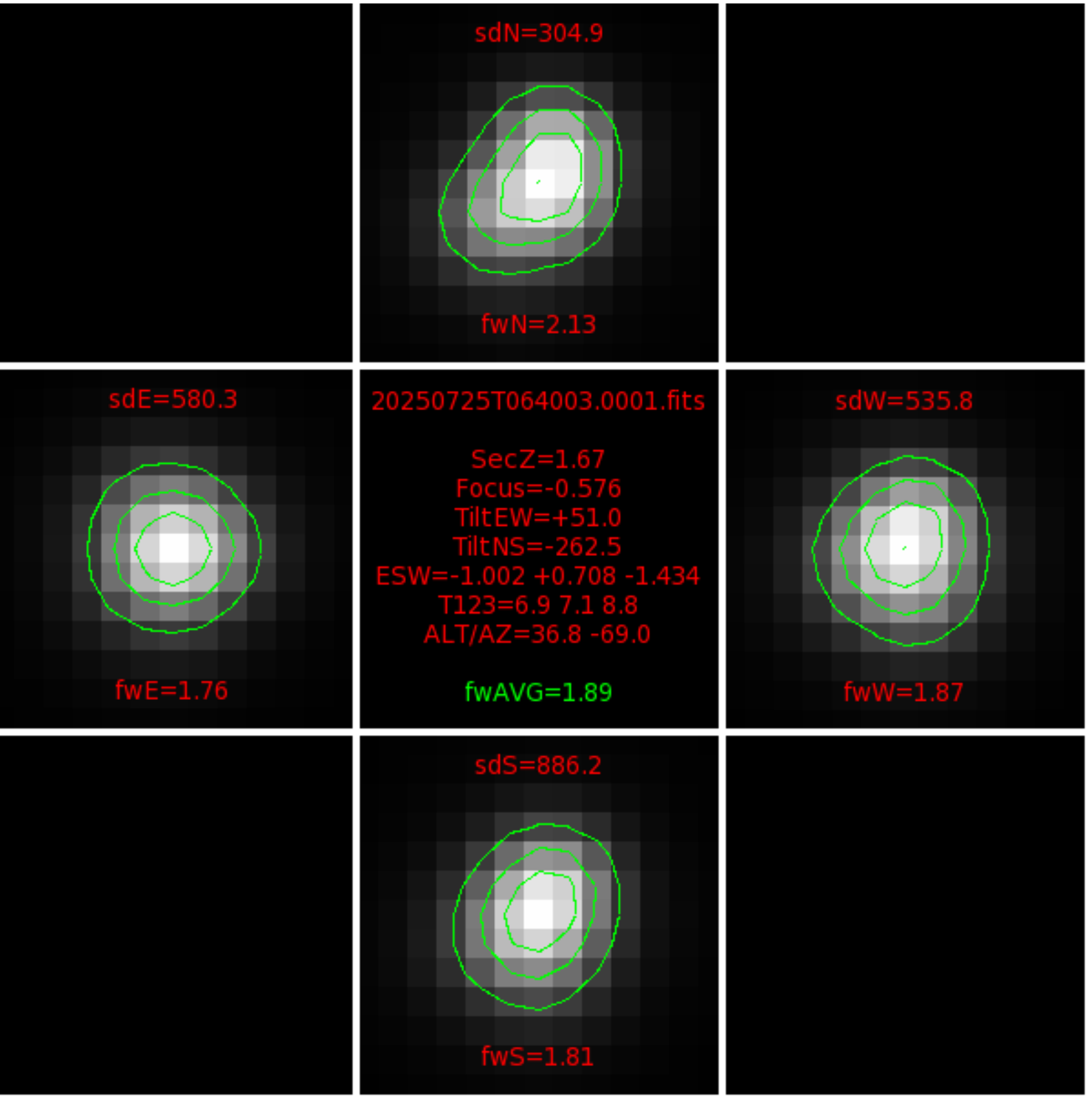
sdN=304.9
fwN=2.13
sdE=580.3
fwE=1.76
20250725T064003.0001.fits
SecZ=1.67
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.9 7.1 8.8
ALT/AZ=36.8 -69.0
fwAVG=1.89
sdW=535.8
fwW=1.87
sdS=886.2
fwS=1.81
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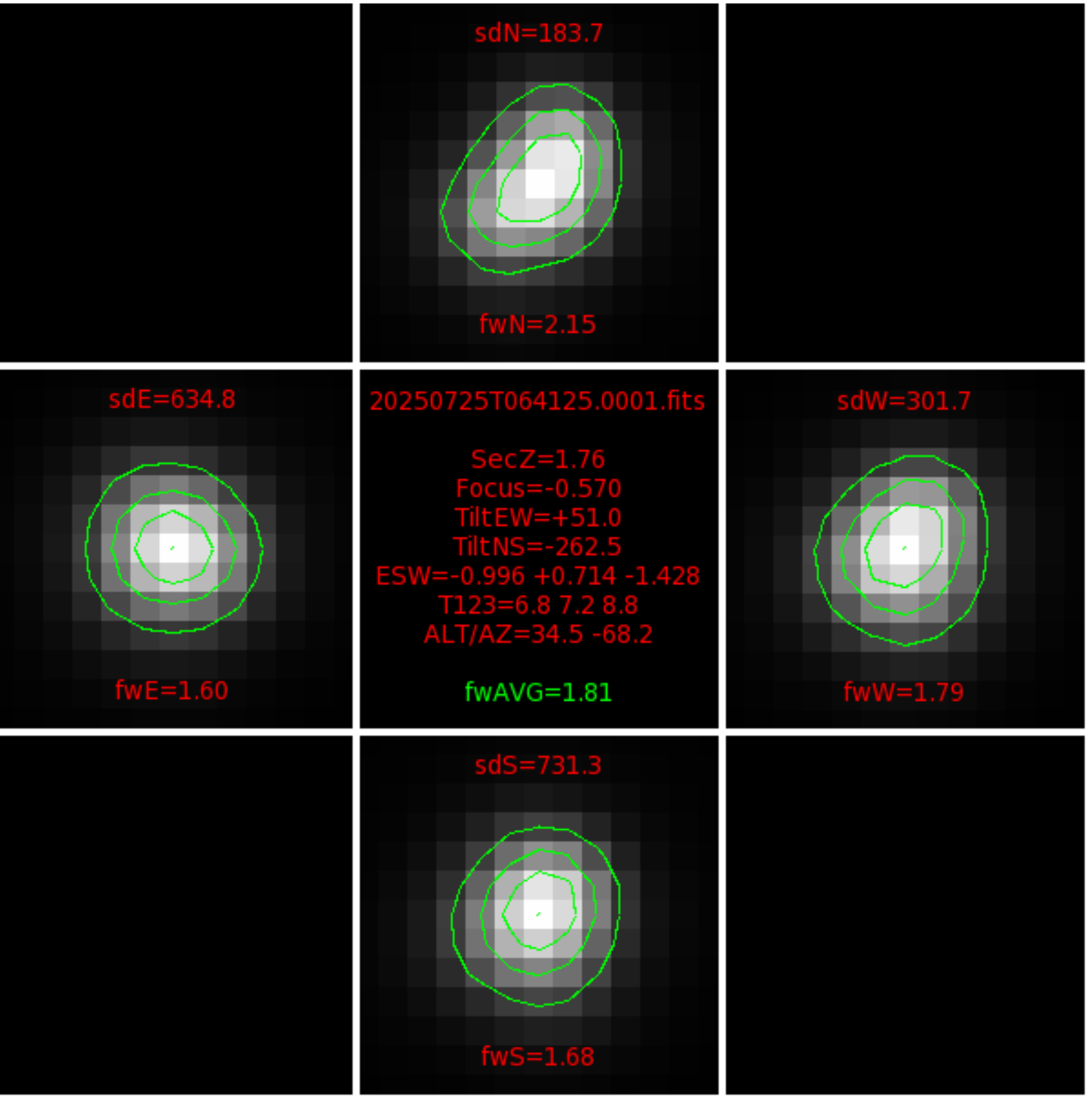
sdN=183.7
fwN=2.15
sdE=634.8
fwE=1.60
20250725T064125.0001.fits
SecZ=1.76
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.2 8.8
ALT/AZ=34.5 -68.2
fwAVG=1.81
sdW=301.7
fwW=1.79
sdS=731.3
fwS=1.68
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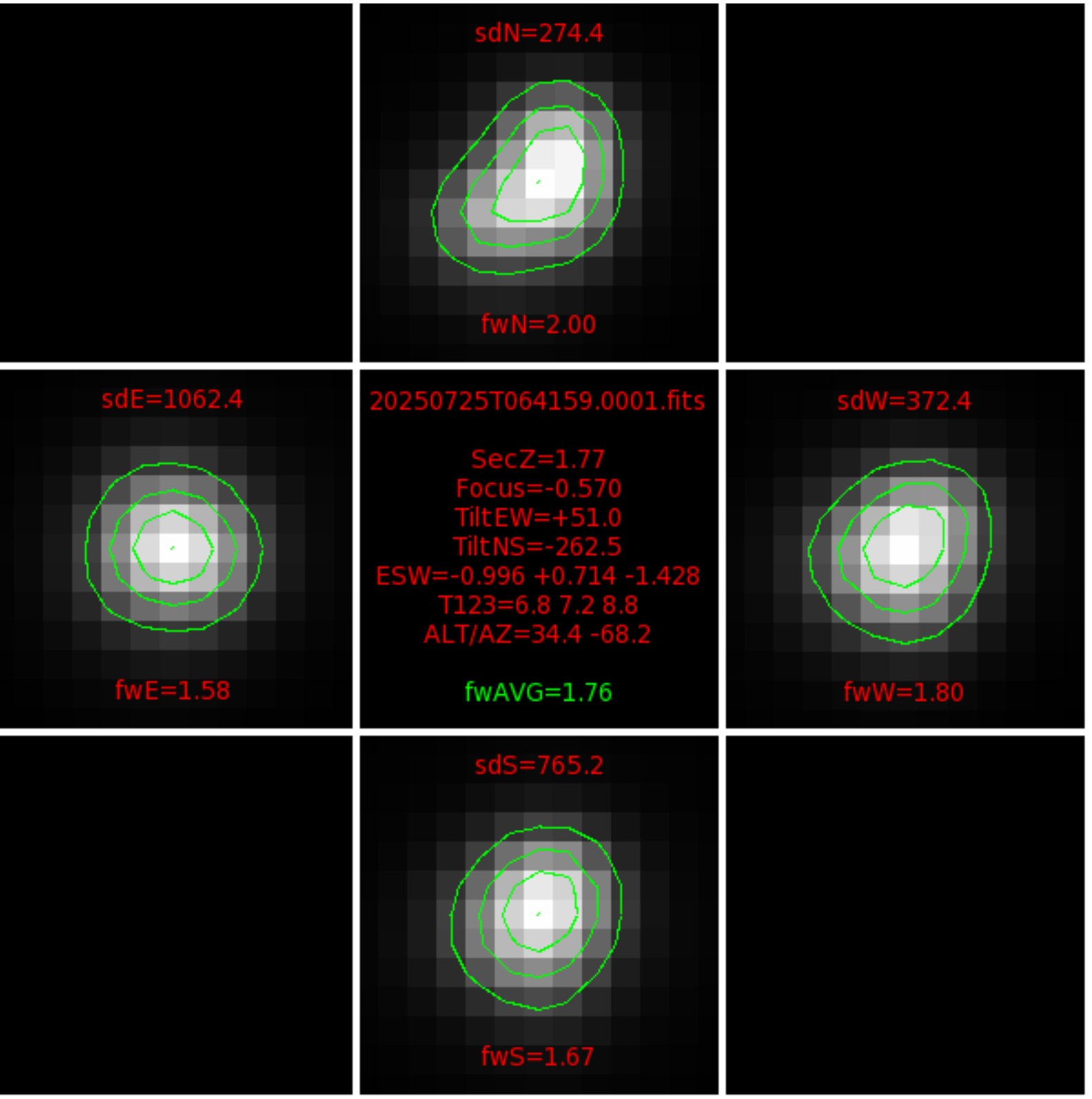
sdN=274.4
fwN=2.00
sdE=1062.4
fwE=1.58
20250725T064159.0001.fits
SecZ=1.77
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.2 8.8
ALT/AZ=34.4 -68.2
fwAVG=1.76
sdW=372.4
fwW=1.80
sdS=765.2
fwS=1.67
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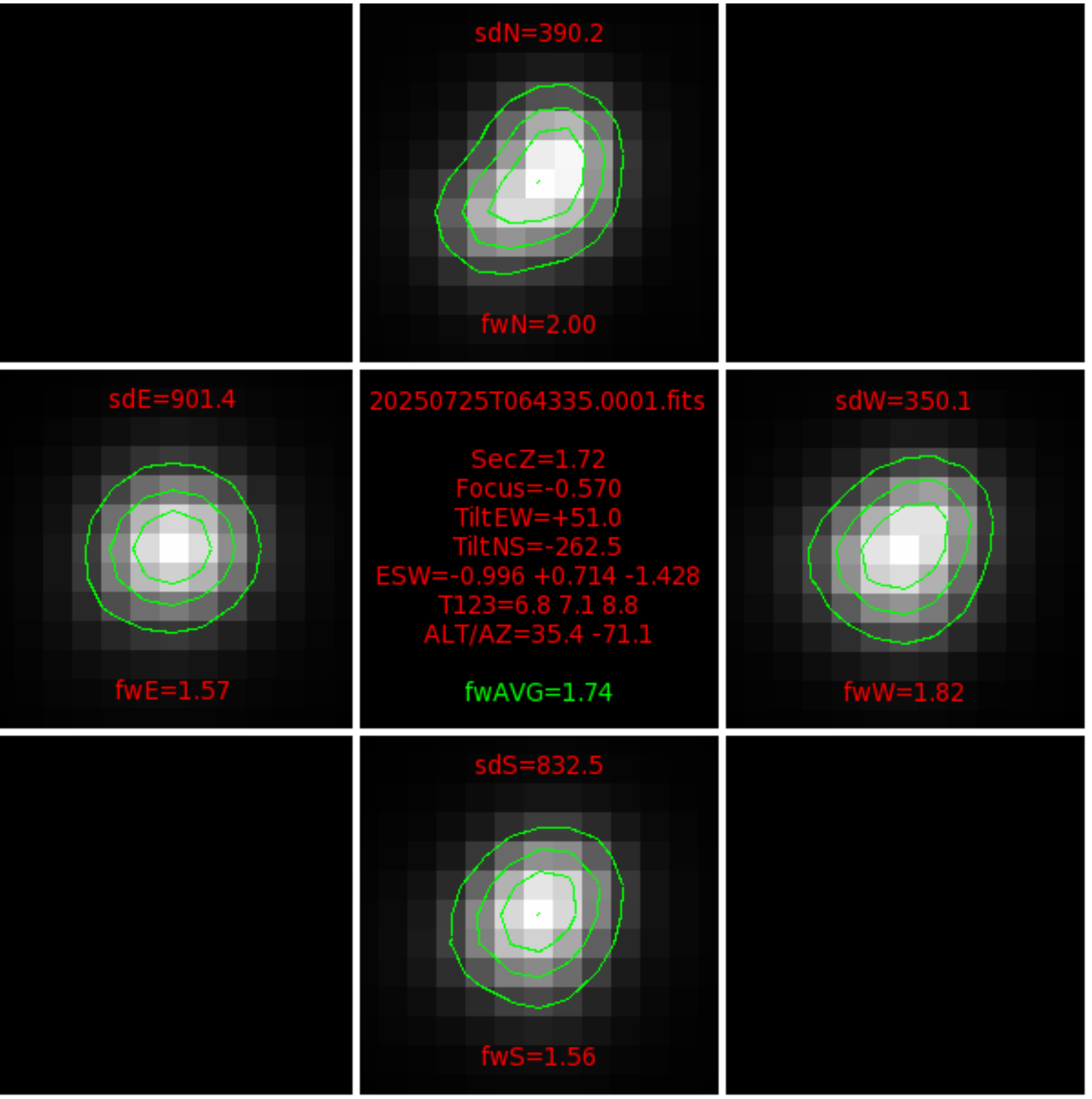
sdN=390.2
fwN=2.00
sdE=901.4
fwE=1.57
20250725T064335.0001.fits
SecZ=1.72
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=35.4 -71.1
fwAVG=1.74
sdW=350.1
fwW=1.82
sdS=832.5
fwS=1.56
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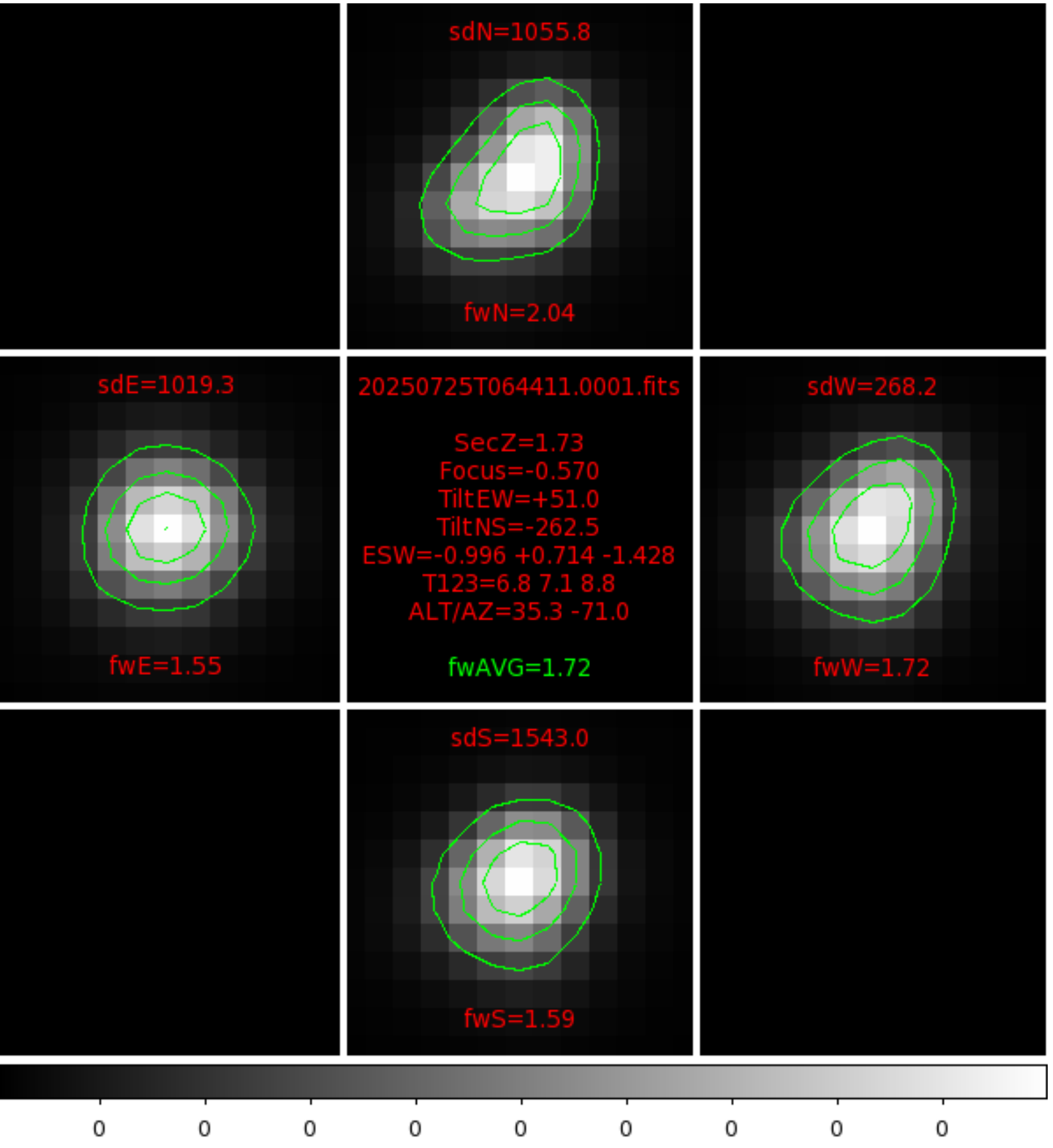
sdN=1055.8
fwN=2.04
sdE=1019.3
fwE=1.55
20250725T064411.0001.fits
SecZ=1.73
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=35.3 -71.0
fwAVG=1.72
sdW=268.2
fwW=1.72
sdS=1543.0
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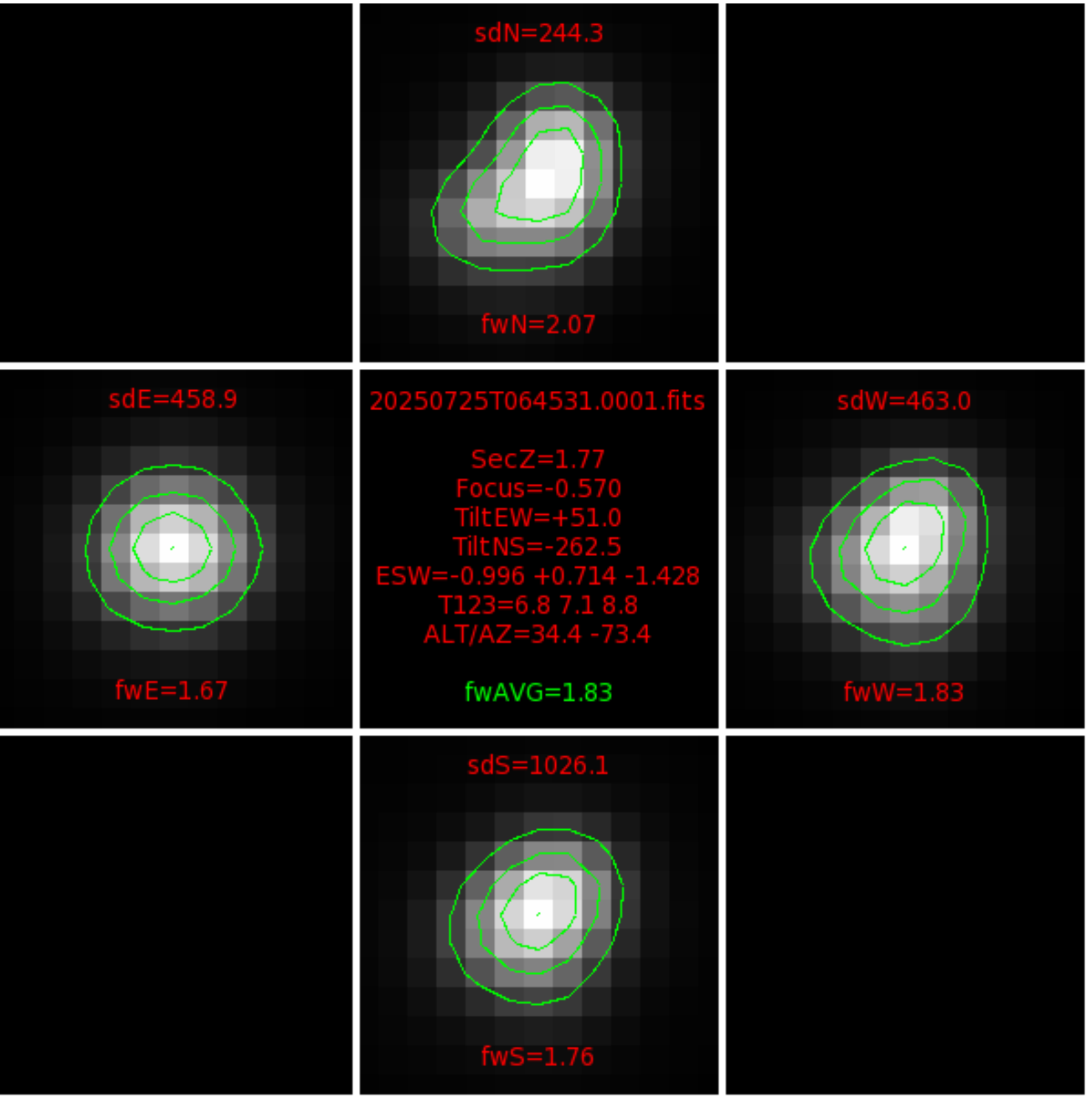
sdN=244.3
fwN=2.07
sdE=458.9
fwE=1.67
20250725T064531.0001.fits
SecZ=1.77
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=34.4 -73.4
fwAVG=1.83
sdW=463.0
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sdS=1026.1
fwS=1.76
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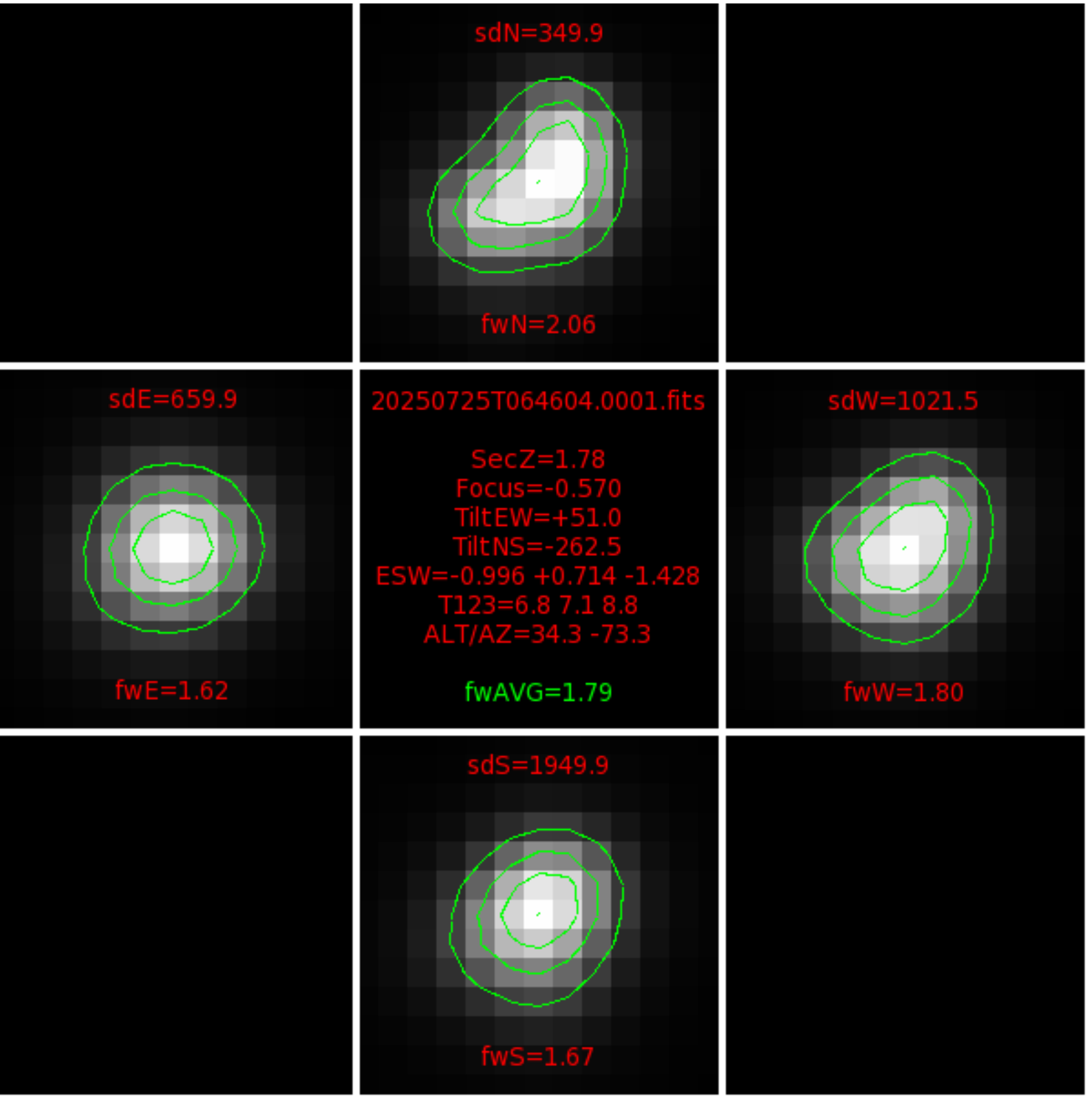
sdN=349.9
fwN=2.06
sdE=659.9
fwE=1.62
20250725T064604.0001.fits
SecZ=1.78
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=34.3 -73.3
fwAVG=1.79
sdW=1021.5
fwW=1.80
sdS=1949.9
fwS=1.67
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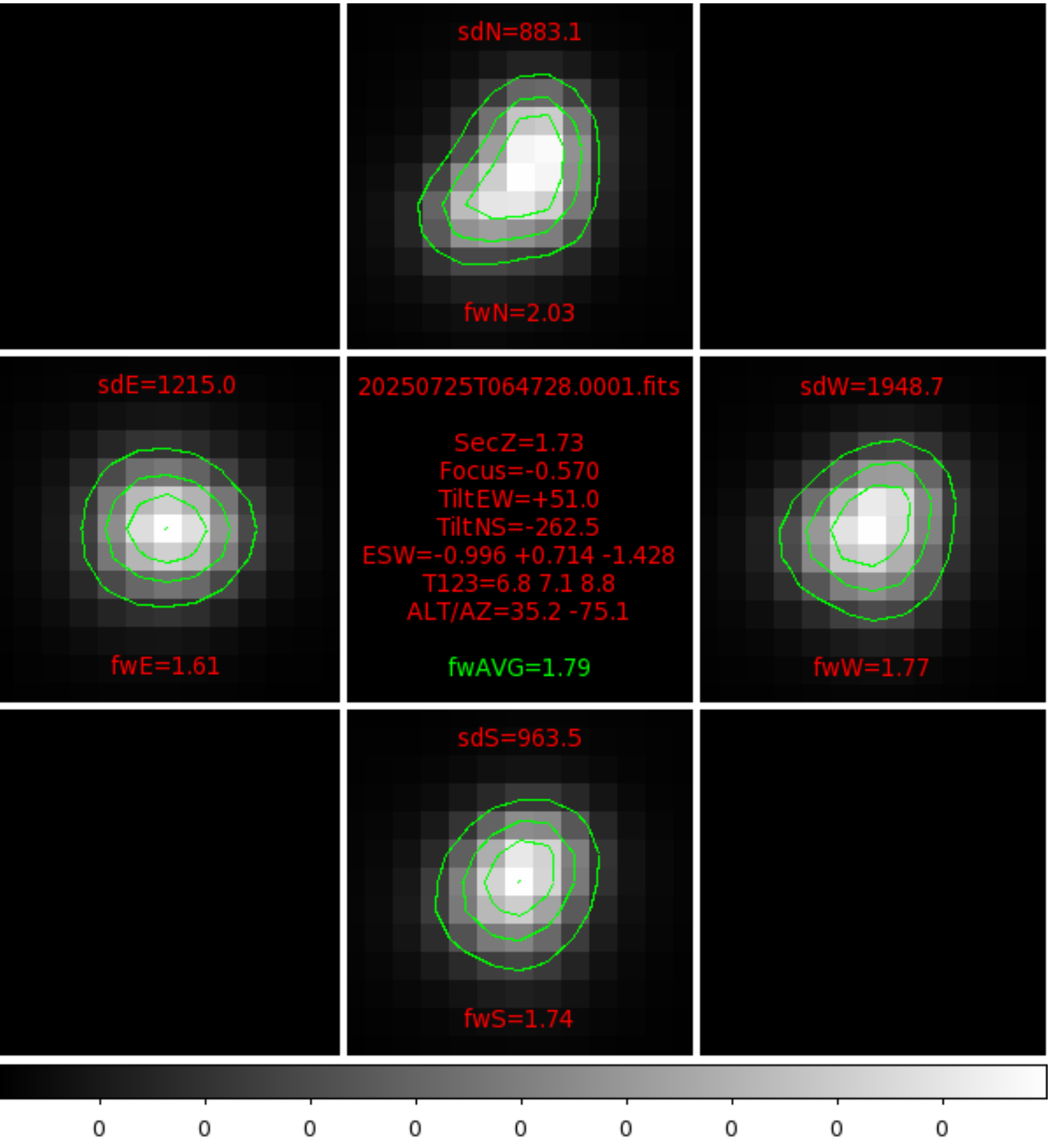
sdN=883.1
fwN=2.03
sdE=1215.0
fwE=1.61
20250725T064728.0001.fits
SecZ=1.73
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=35.2 -75.1
fwAVG=1.79
sdW=1948.7
fwW=1.77
sdS=963.5
fwS=1.74
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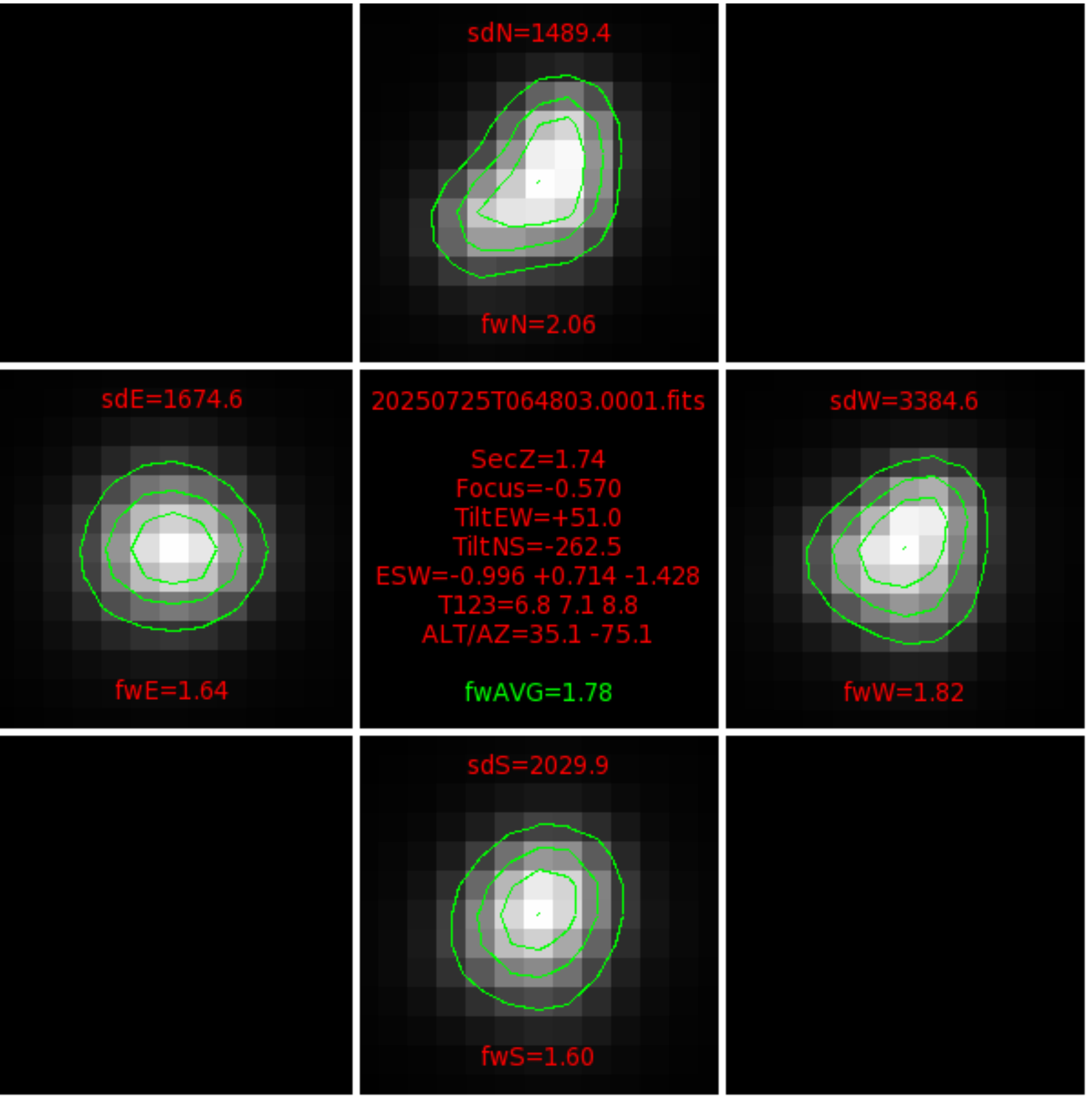
sdN=1489.4
fwN=2.06
sdE=1674.6
fwE=1.64
20250725T064803.0001.fits
SecZ=1.74
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=35.1 -75.1
fwAVG=1.78
sdW=3384.6
fwW=1.82
sdS=2029.9
fwS=1.60
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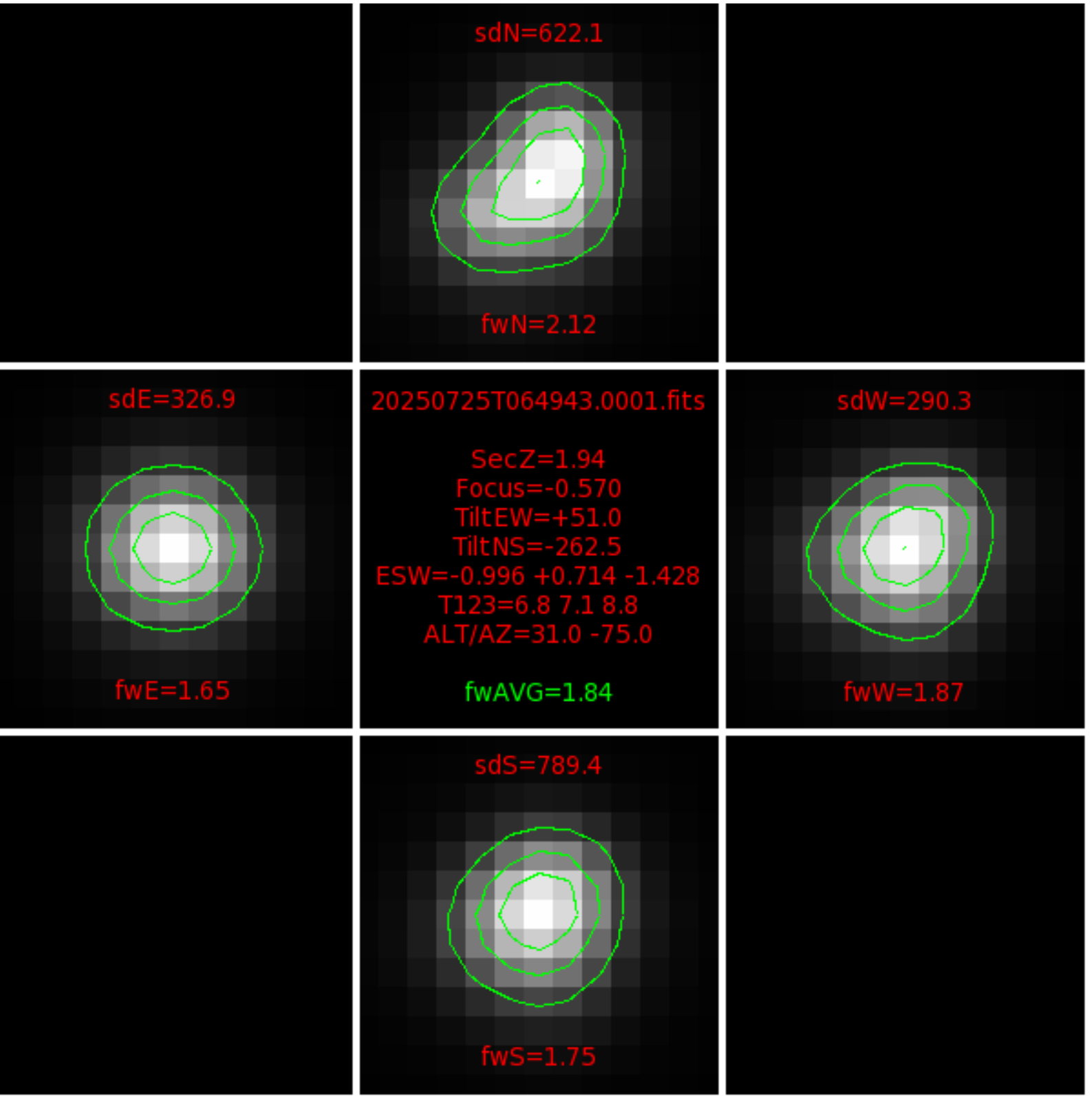
sdN=622.1
fwN=2.12
sdE=326.9
fwE=1.65
20250725T064943.0001.fits
SecZ=1.94
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=31.0 -75.0
fwAVG=1.84
sdW=290.3
fwW=1.87
sdS=789.4
fwS=1.75
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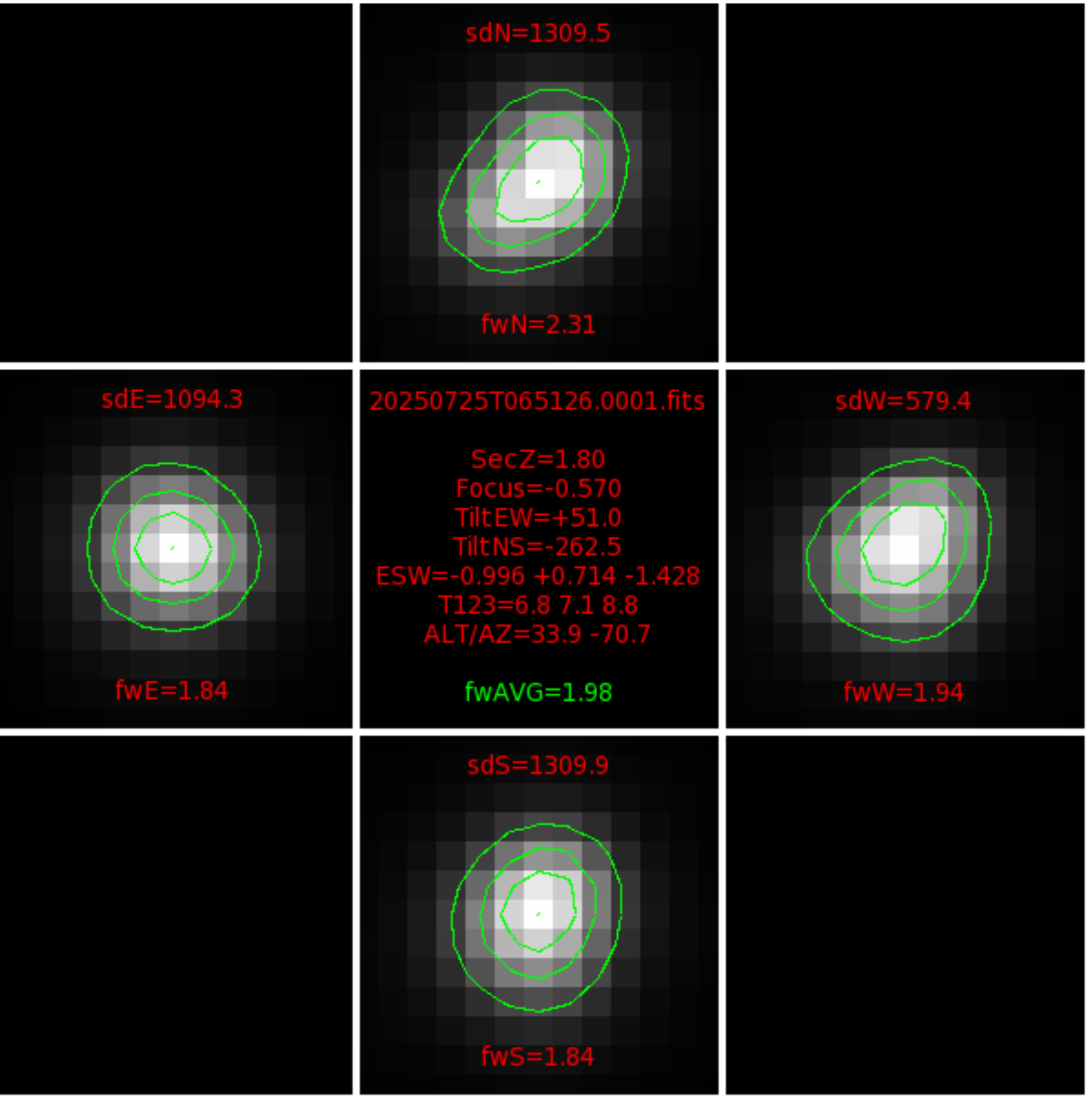
sdN=1309.5
fwN=2.31
sdE=1094.3
fwE=1.84
20250725T065126.0001.fits
SecZ=1.80
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=33.9 -70.7
fwAVG=1.98
sdW=579.4
fwW=1.94
sdS=1309.9
fwS=1.84
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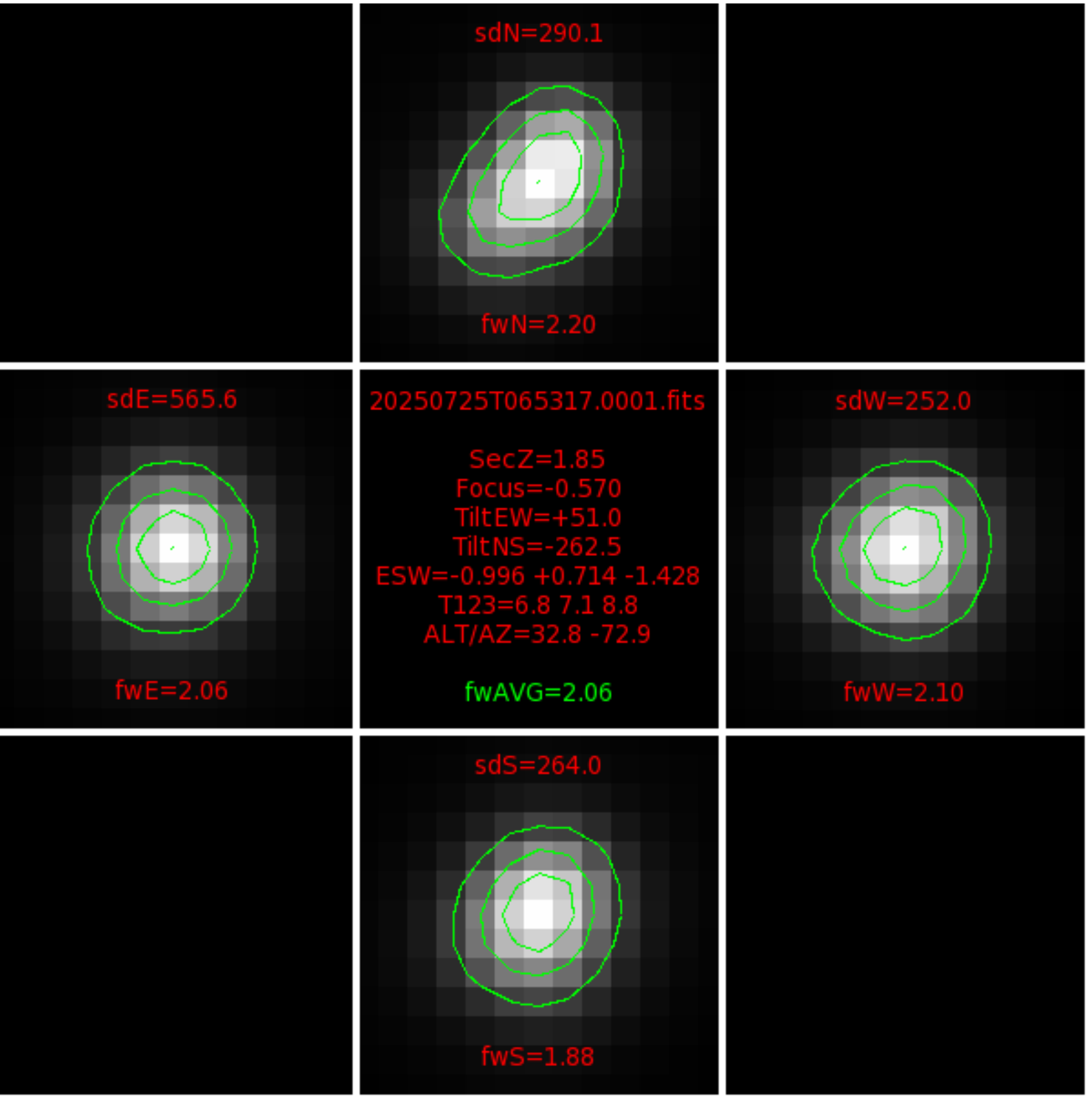
sdN=290.1
fwN=2.20
sdE=565.6
fwE=2.06
20250725T065317.0001.fits
SecZ=1.85
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=32.8 -72.9
fwAVG=2.06
sdW=252.0
fwW=2.10
sdS=264.0
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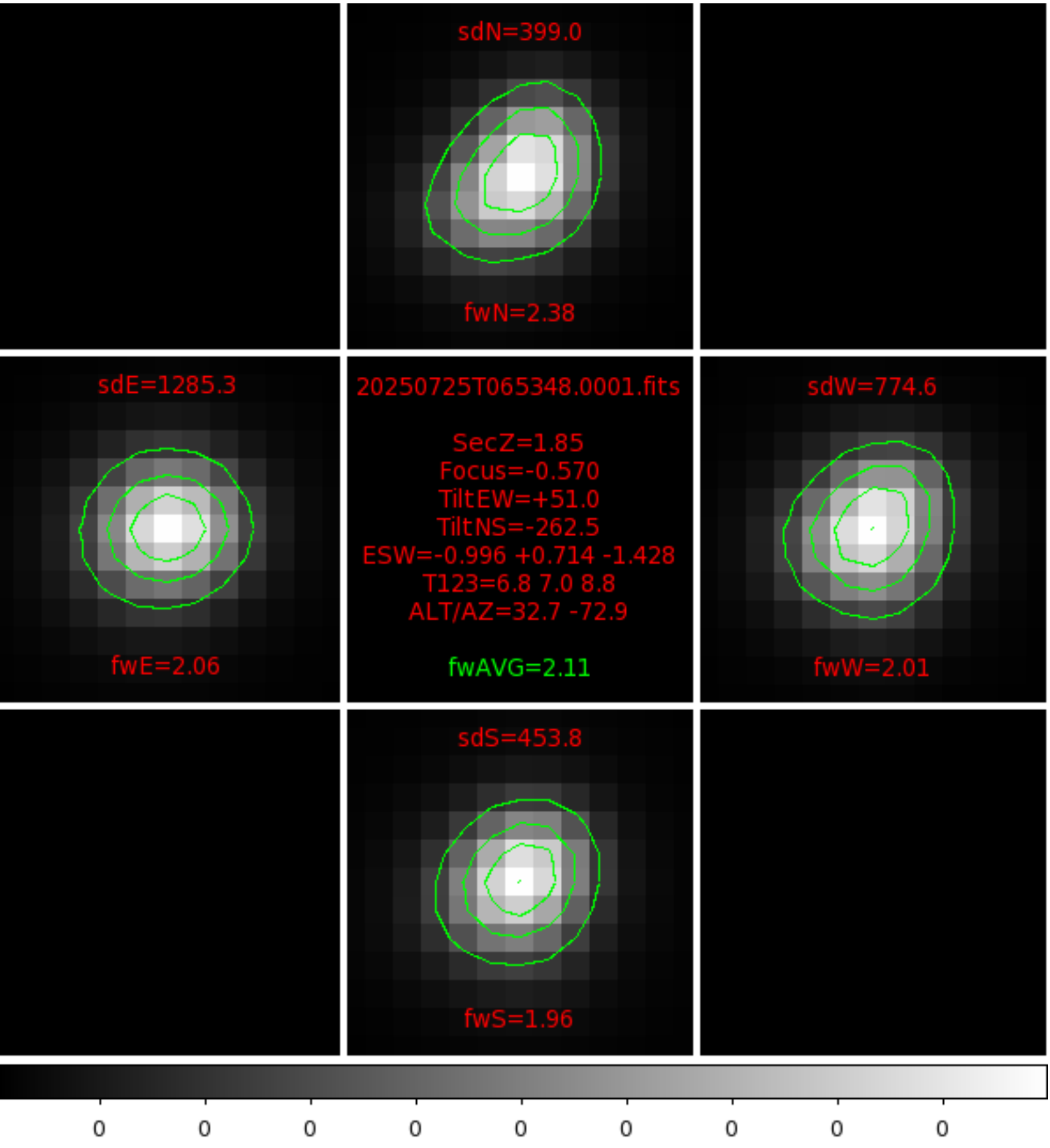
sdN=399.0
fwN=2.38
sdE=1285.3
fwE=2.06
20250725T065348.0001.fits
SecZ=1.85
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.0 8.8
ALT/AZ=32.7 -72.9
fwAVG=2.11
sdW=774.6
fwW=2.01
sdS=453.8
fwS=1.96
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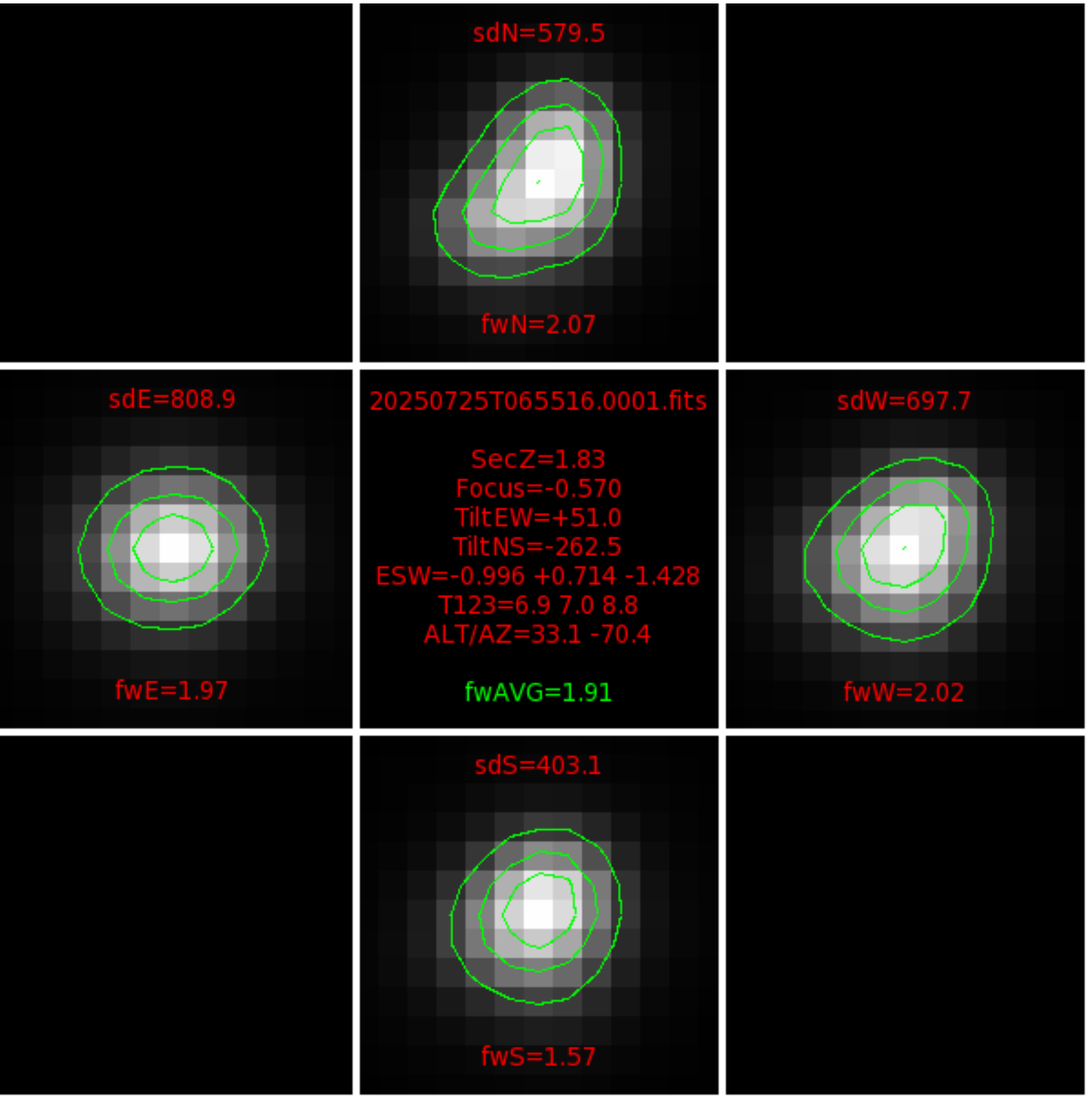
sdN=579.5
fwN=2.07
sdE=808.9
fwE=1.97
20250725T065516.0001.fits
SecZ=1.83
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.0 8.8
ALT/AZ=33.1 -70.4
fwAVG=1.91
sdW=697.7
fwW=2.02
sdS=403.1
fwS=1.57
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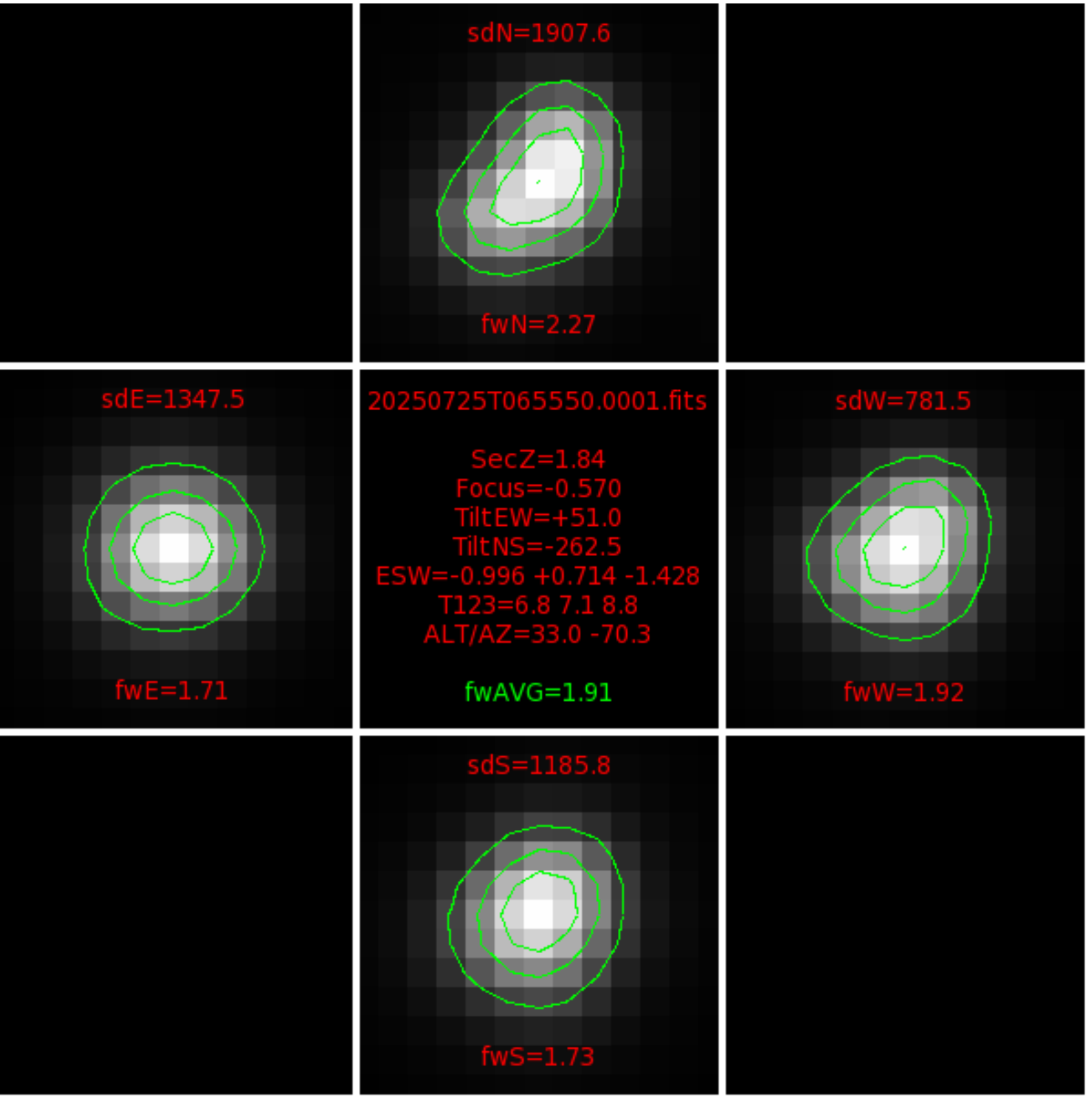
sdN=1907.6
fwN=2.27
sdE=1347.5
fwE=1.71
20250725T065550.0001.fits
SecZ=1.84
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=33.0 -70.3
fwAVG=1.91
sdW=781.5
fwW=1.92
sdS=1185.8
fwS=1.73
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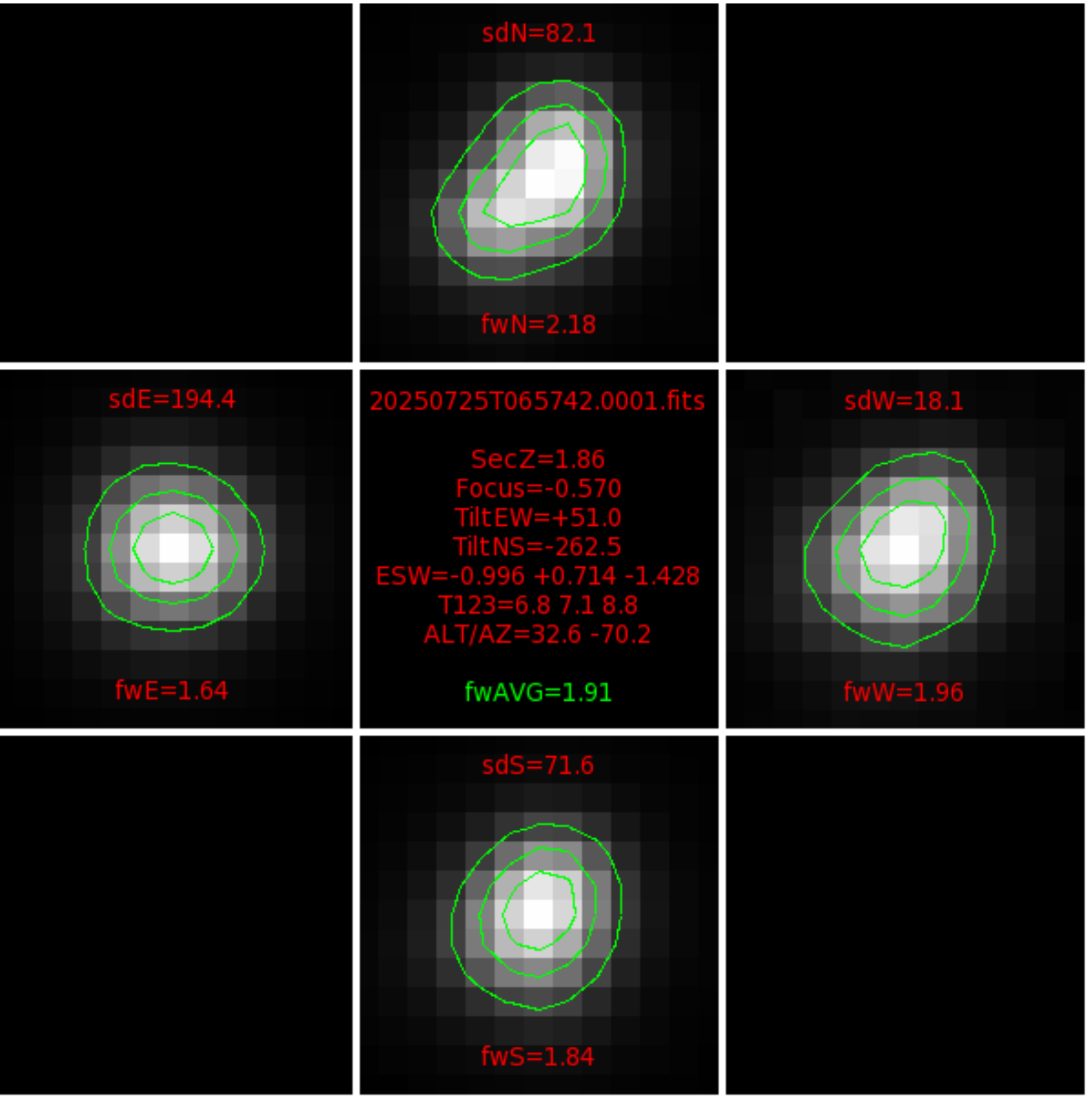
sdN=82.1
fwN=2.18
sdE=194.4
fwE=1.64
20250725T065742.0001.fits
SecZ=1.86
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=32.6 -70.2
fwAVG=1.91
sdW=18.1
fwW=1.96
sdS=71.6
fwS=1.84
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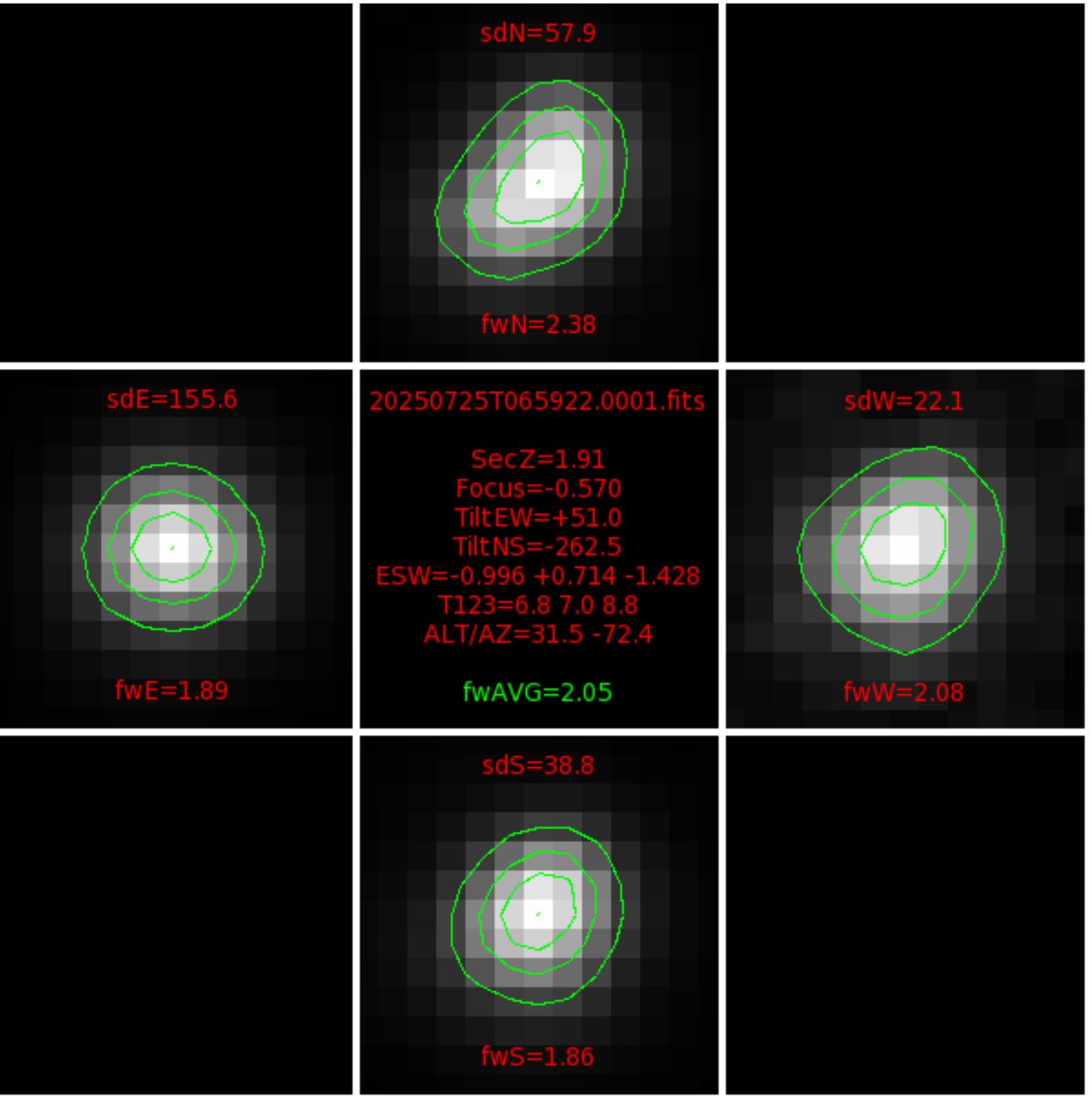
sdN=57.9
fwN=2.38
sdE=155.6
fwE=1.89
20250725T065922.0001.fits
SecZ=1.91
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.0 8.8
ALT/AZ=31.5 -72.4
fwAVG=2.05
sdW=22.1
fwW=2.08
sdS=38.8
fwS=1.86
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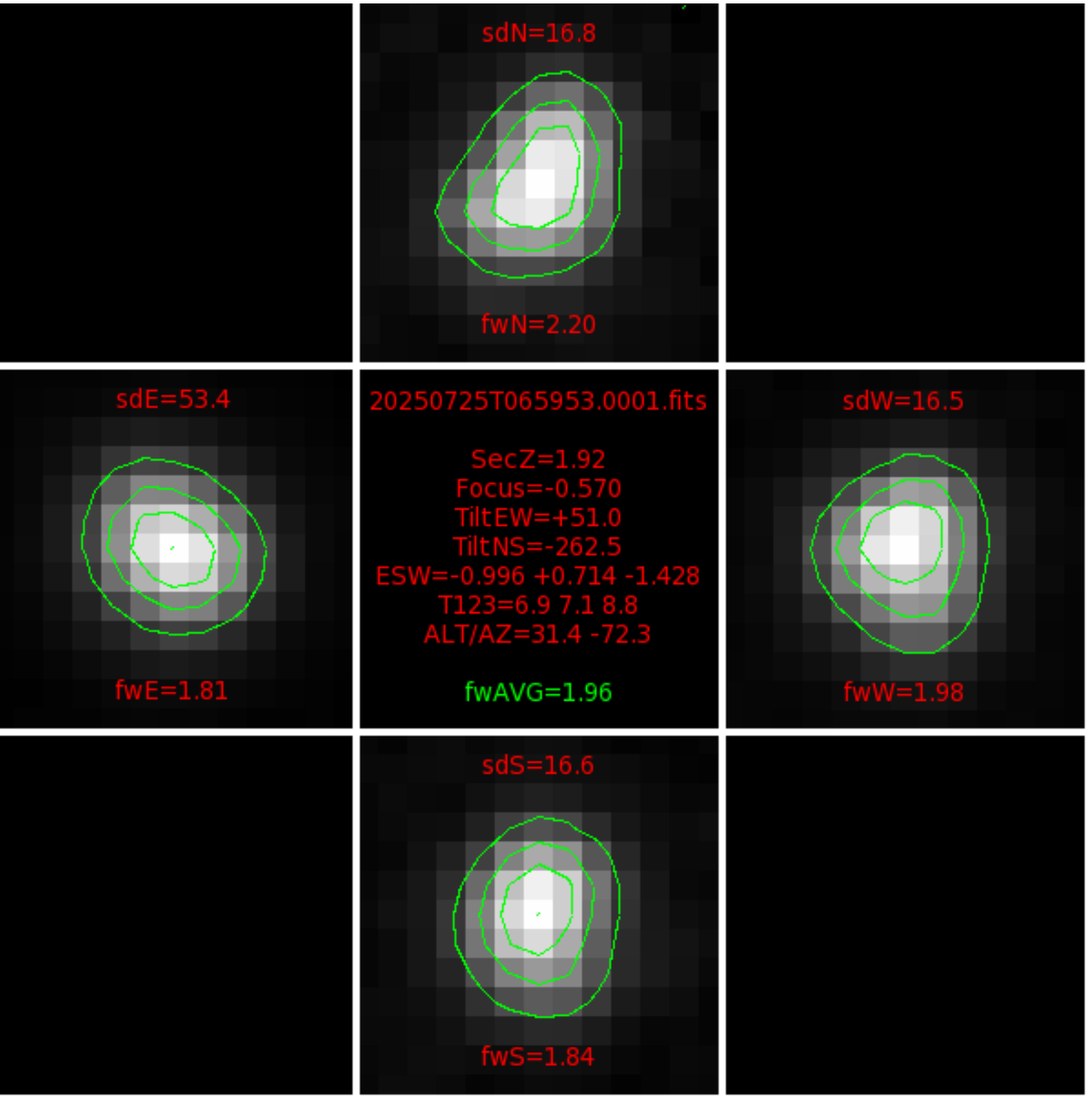
sdN=16.8
fwN=2.20
sdE=53.4
fwE=1.81
20250725T065953.0001.fits
SecZ=1.92
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.1 8.8
ALT/AZ=31.4 -72.3
fwAVG=1.96
sdW=16.5
fwW=1.98
sdS=16.6
fwS=1.84
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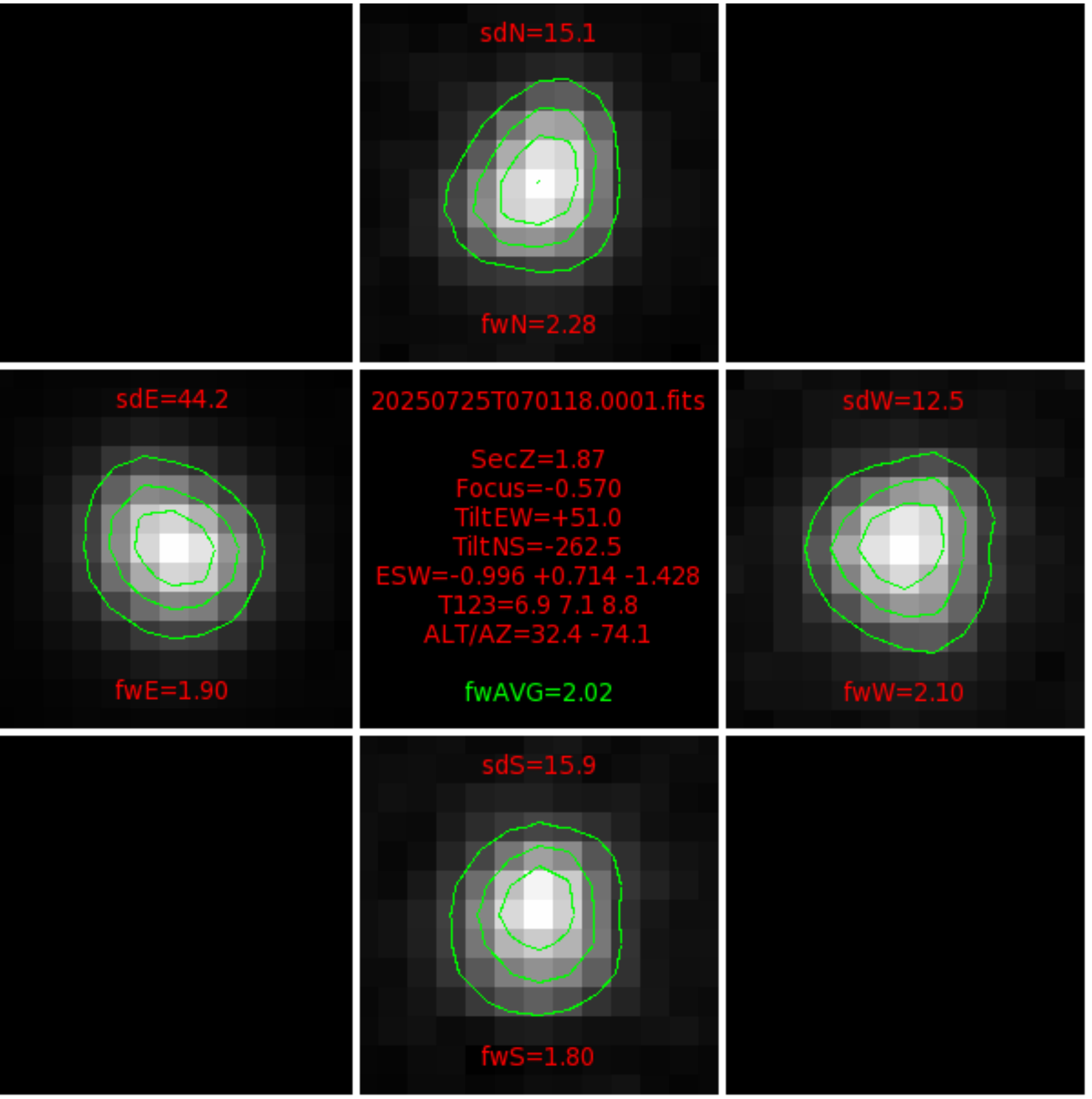
sdN=15.1
fwN=2.28
sdE=44.2
fwE=1.90
20250725T070118.0001.fits
SecZ=1.87
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.1 8.8
ALT/AZ=32.4 -74.1
fwAVG=2.02
sdW=12.5
fwW=2.10
sdS=15.9
fwS=1.80
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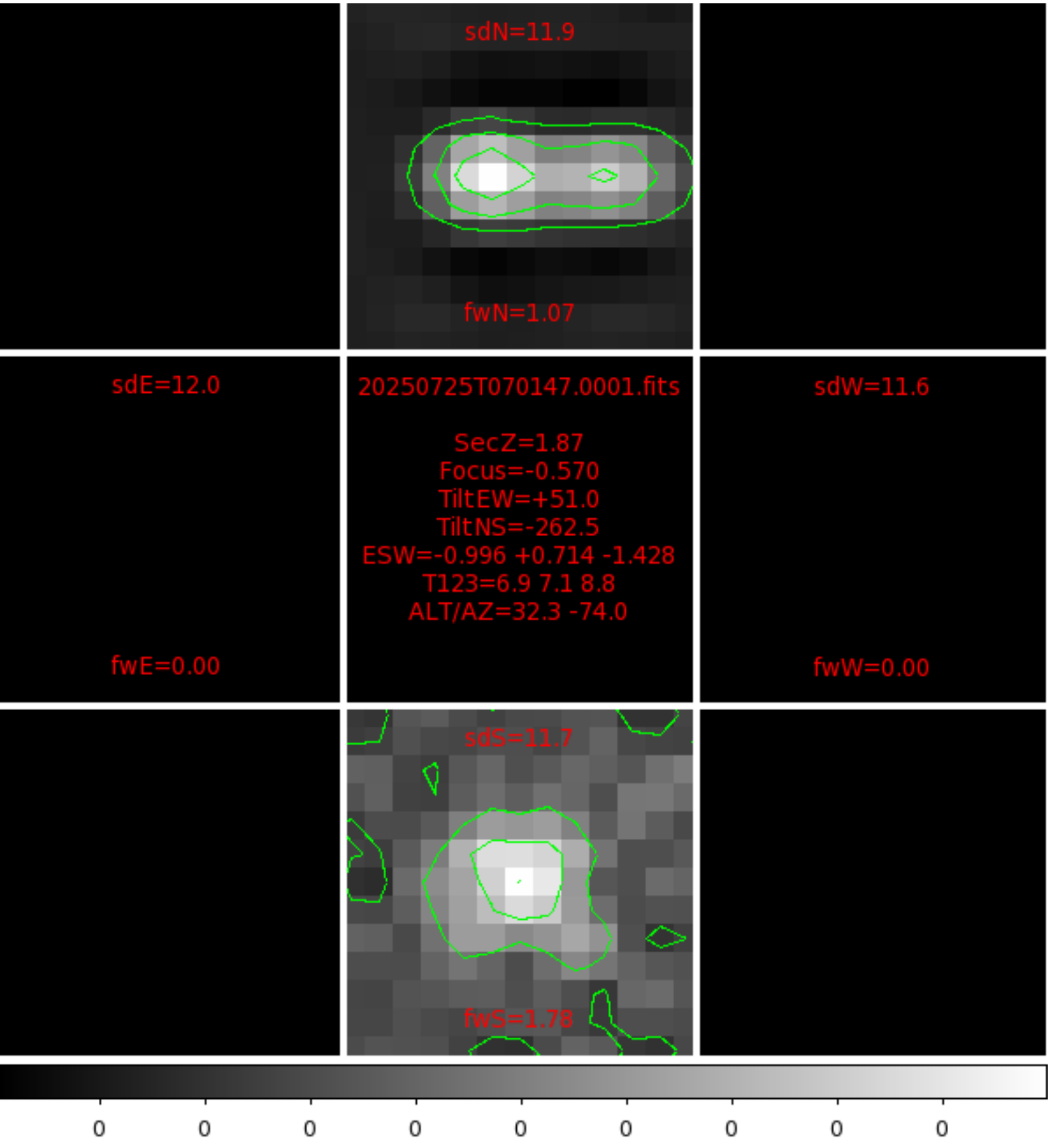
sdN=11.9
fwN=1.07
sdE=12.0
fwE=0.00
20250725T070147.0001.fits
SecZ=1.87
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.1 8.8
ALT/AZ=32.3 -74.0
sdW=11.6
fwW=0.00
sdS=11.7
fwS=1.78
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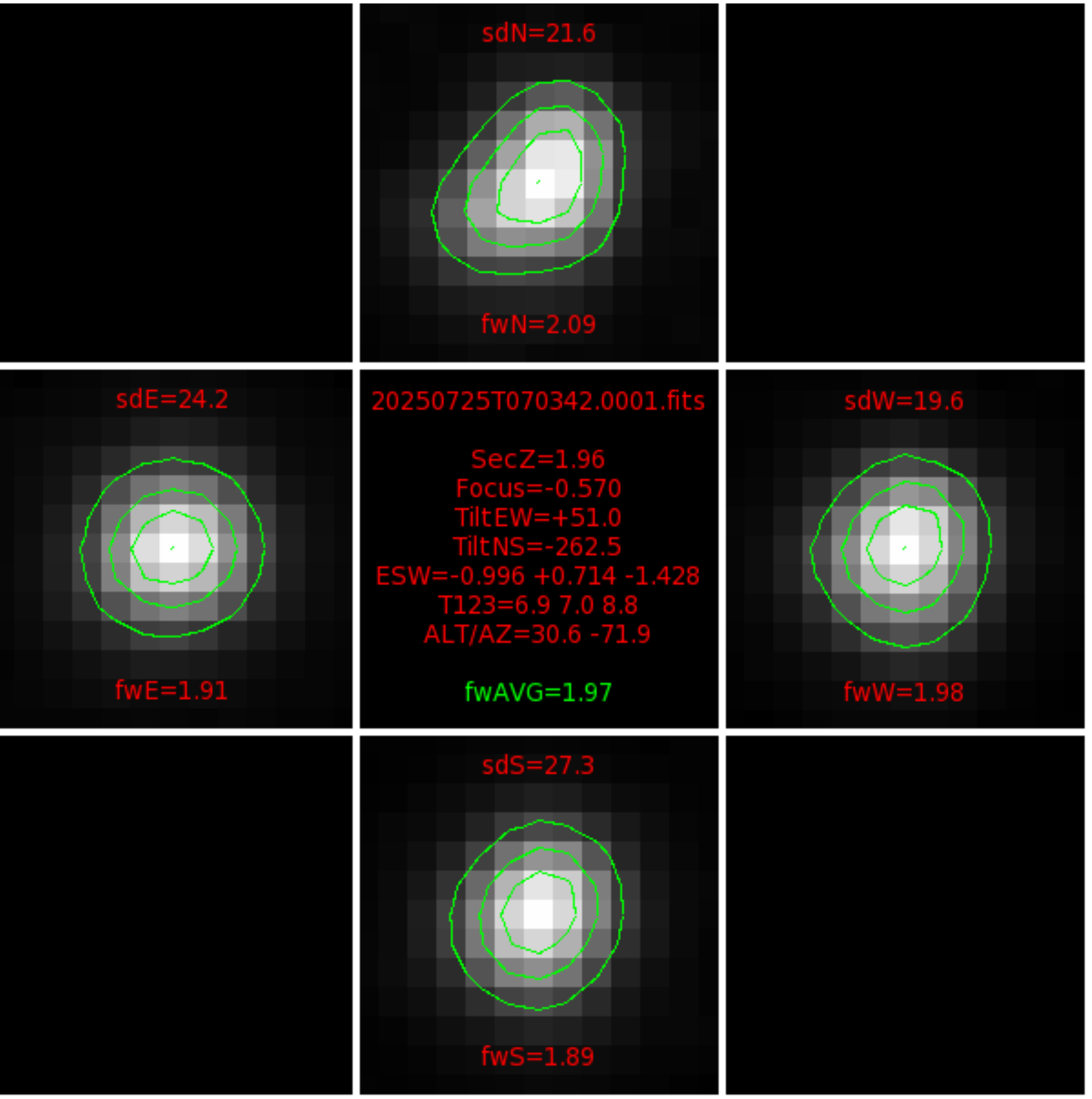
sdN=21.6
fwN=2.09
sdE=24.2
fwE=1.91
20250725T070342.0001.fits
SecZ=1.96
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.0 8.8
ALT/AZ=30.6 -71.9
fwAVG=1.97
sdW=19.6
fwW=1.98
sdS=27.3
fwS=1.89
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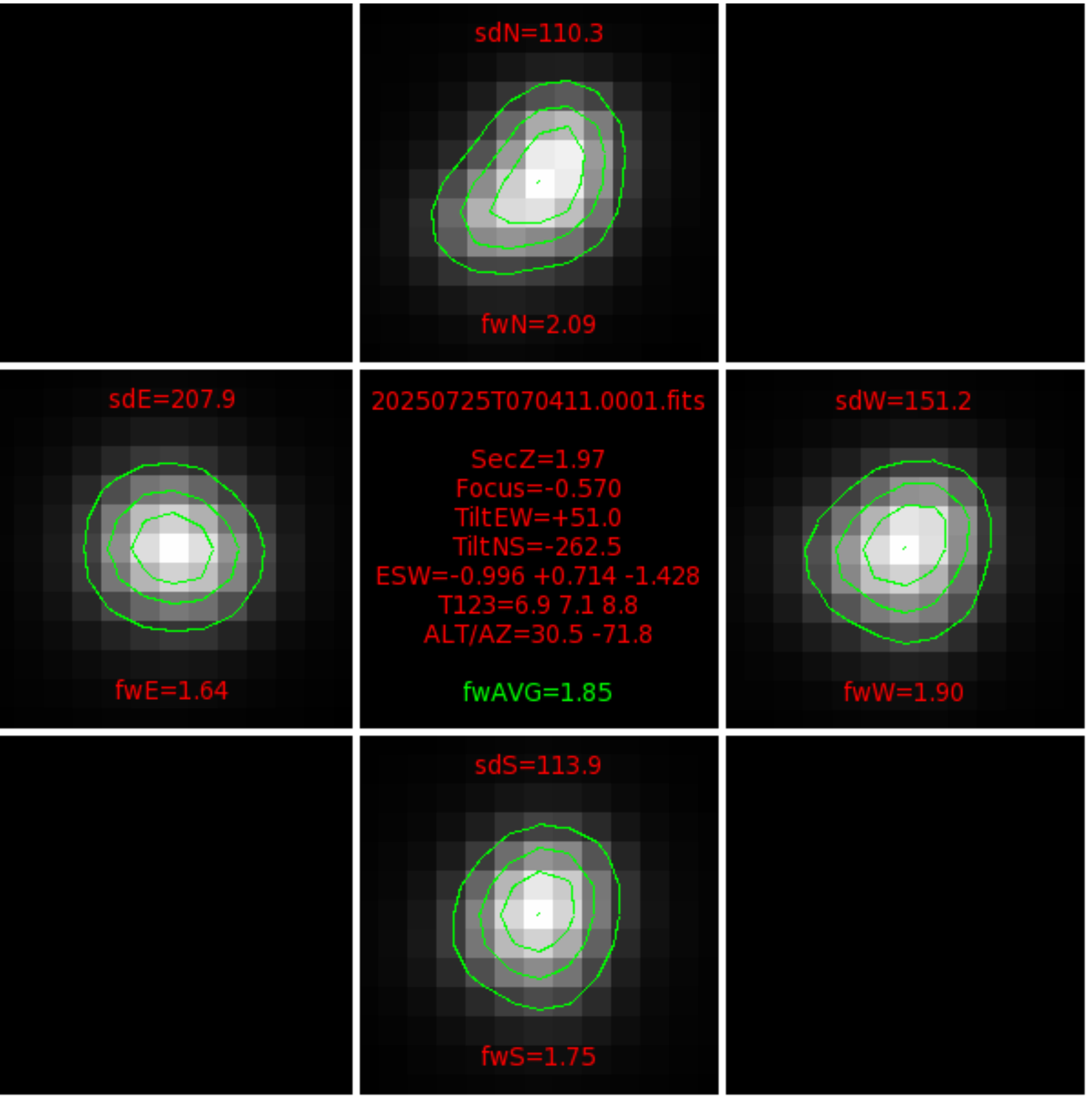
sdN=110.3
fwN=2.09
sdE=207.9
fwE=1.64
20250725T070411.0001.fits
SecZ=1.97
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.1 8.8
ALT/AZ=30.5 -71.8
fwAVG=1.85
sdW=151.2
fwW=1.90
sdS=113.9
fwS=1.75
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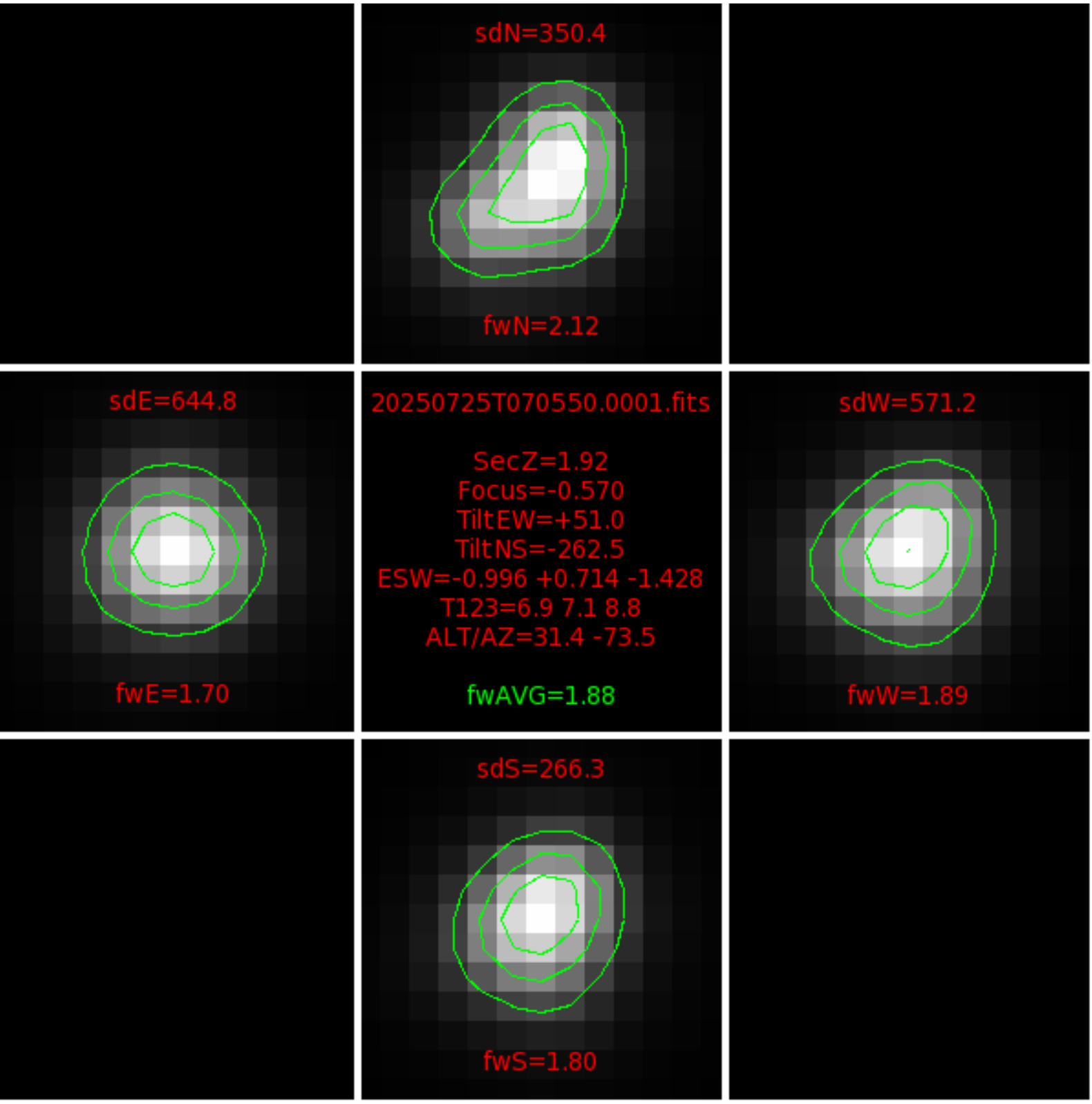
sdN=350.4
fwN=2.12
sdE=644.8
fwE=1.70
20250725T070550.0001.fits
SecZ=1.92
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.1 8.8
ALT/AZ=31.4 -73.5
fwAVG=1.88
sdW=571.2
fwW=1.89
sdS=266.3
fwS=1.80
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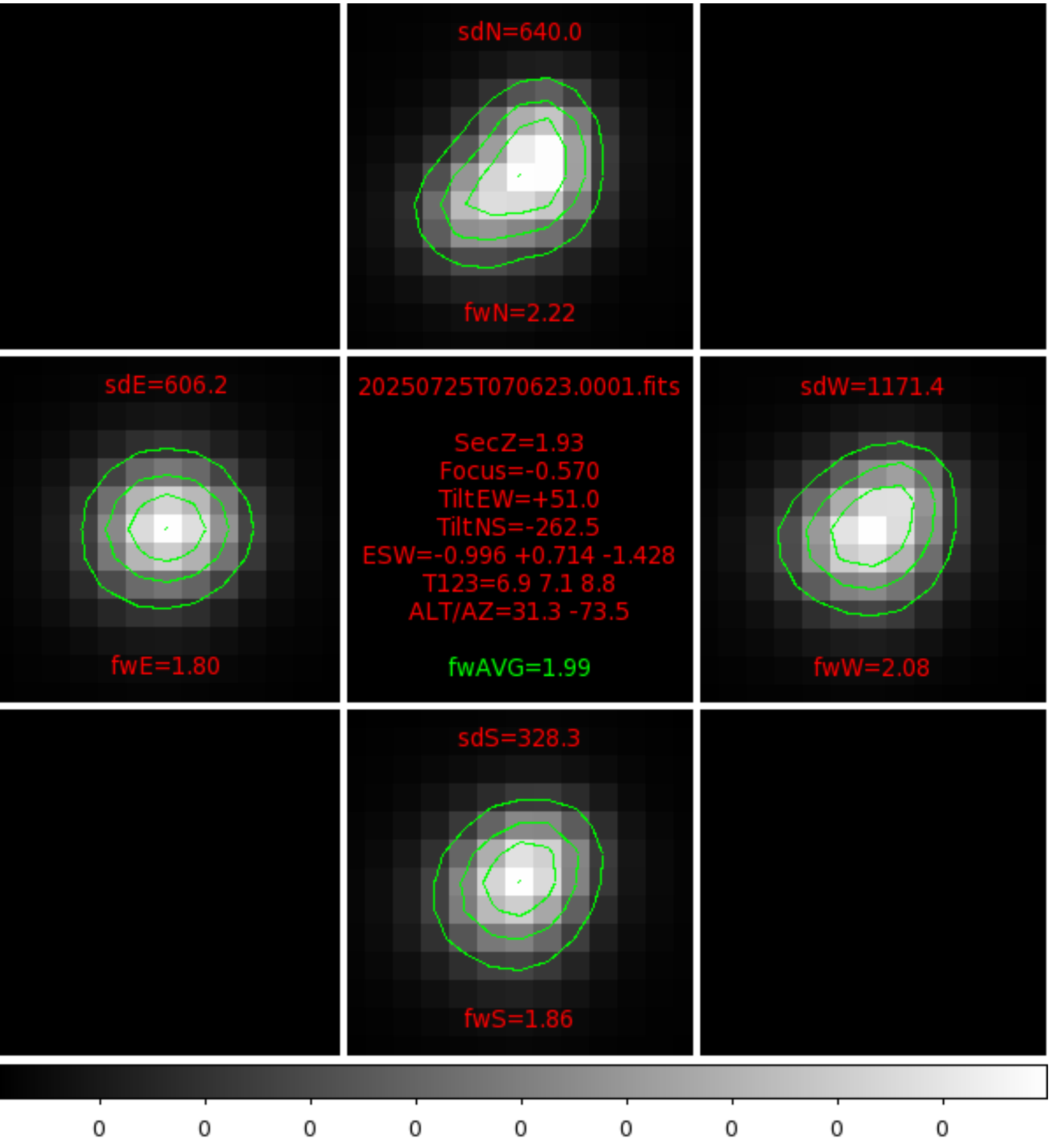
sdN=640.0
fwN=2.22
sdE=606.2
fwE=1.80
20250725T070623.0001.fits
SecZ=1.93
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.1 8.8
ALT/AZ=31.3 -73.5
fwAVG=1.99
sdW=1171.4
fwW=2.08
sdS=328.3
fwS=1.86
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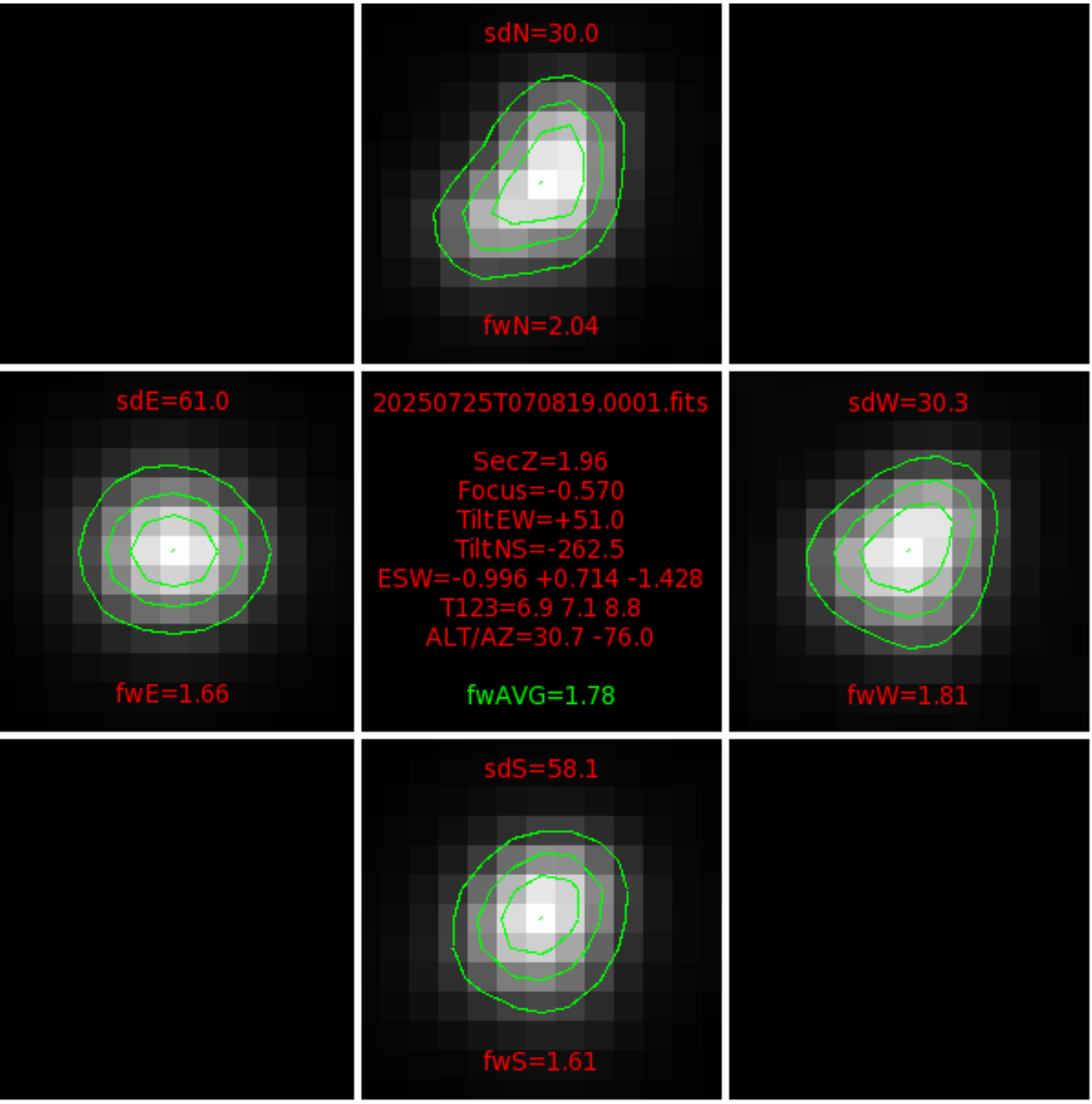
sdN=30.0
fwN=2.04
sdE=61.0
fwE=1.66
20250725T070819.0001.fits
SecZ=1.96
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.1 8.8
ALT/AZ=30.7 -76.0
fwAVG=1.78
sdW=30.3
fwW=1.81
sdS=58.1
fwS=1.61
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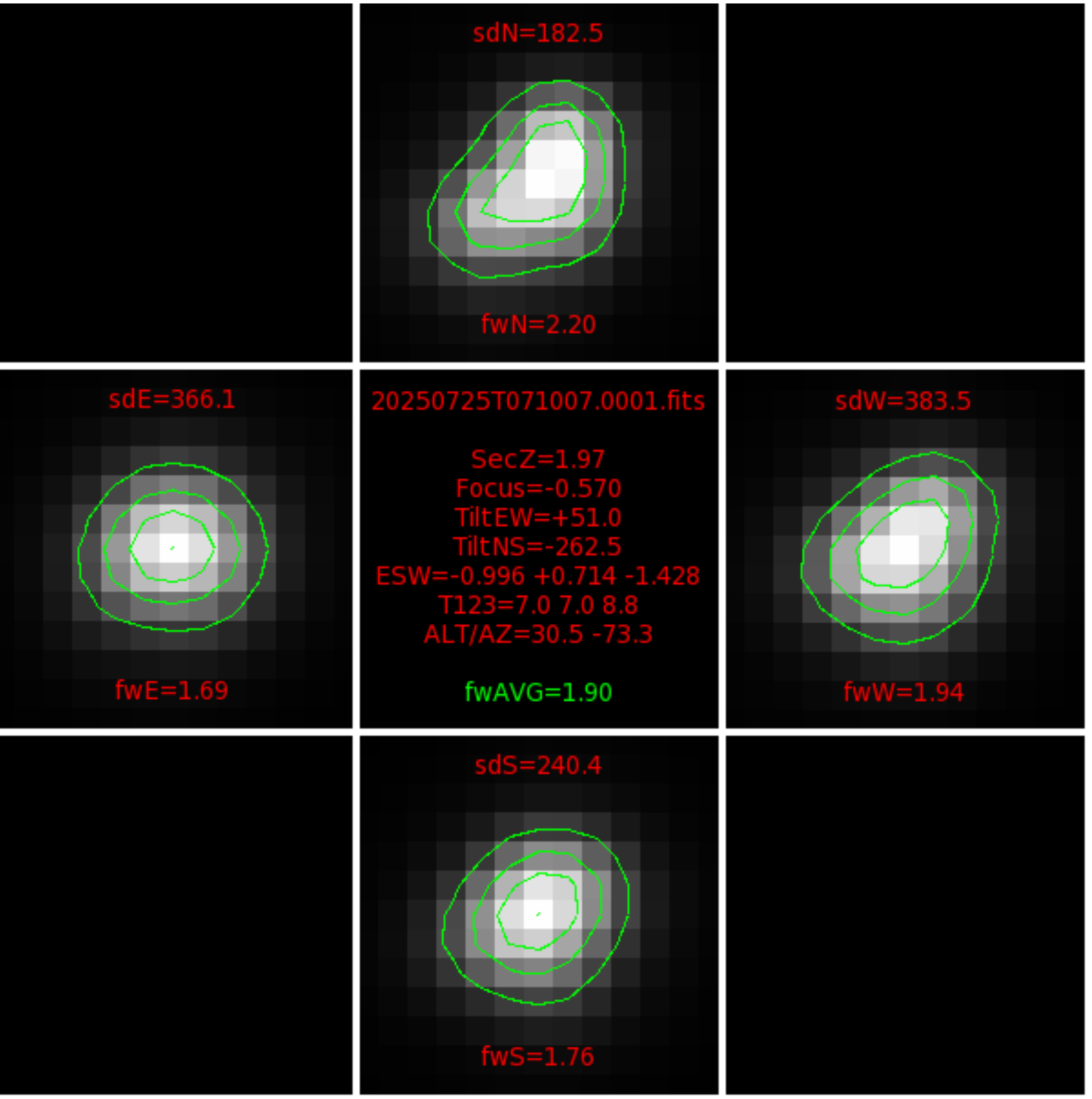
sdN=182.5
fwN=2.20
sdE=366.1
fwE=1.69
20250725T071007.0001.fits
SecZ=1.97
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.0 8.8
ALT/AZ=30.5 -73.3
fwAVG=1.90
sdW=383.5
fwW=1.94
sdS=240.4
fwS=1.76
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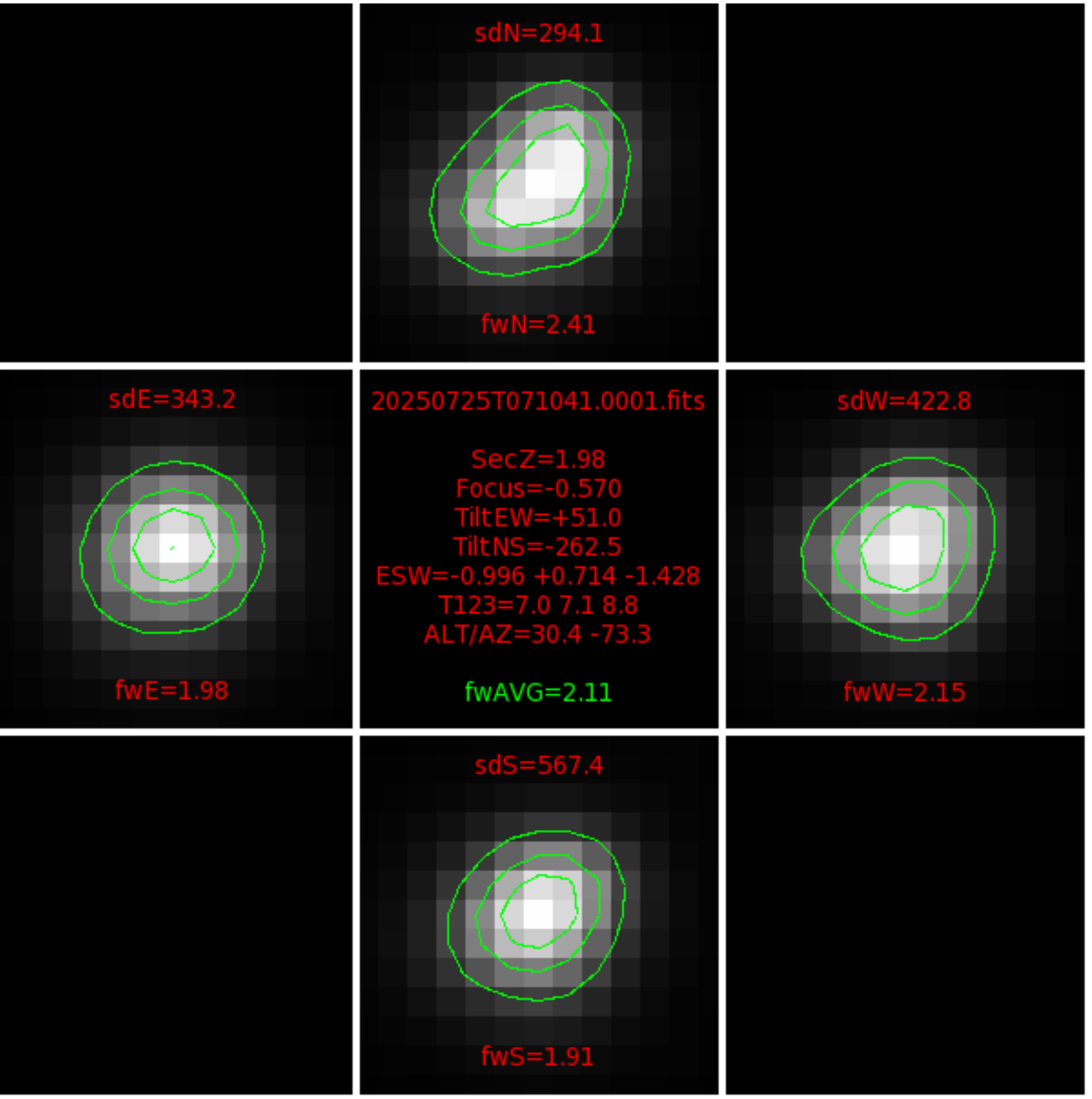
sdN=294.1
fwN=2.41
sdE=343.2
fwE=1.98
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SecZ=1.98
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.1 8.8
ALT/AZ=30.4 -73.3
fwAVG=2.11
sdW=422.8
fwW=2.15
sdS=567.4
fwS=1.91
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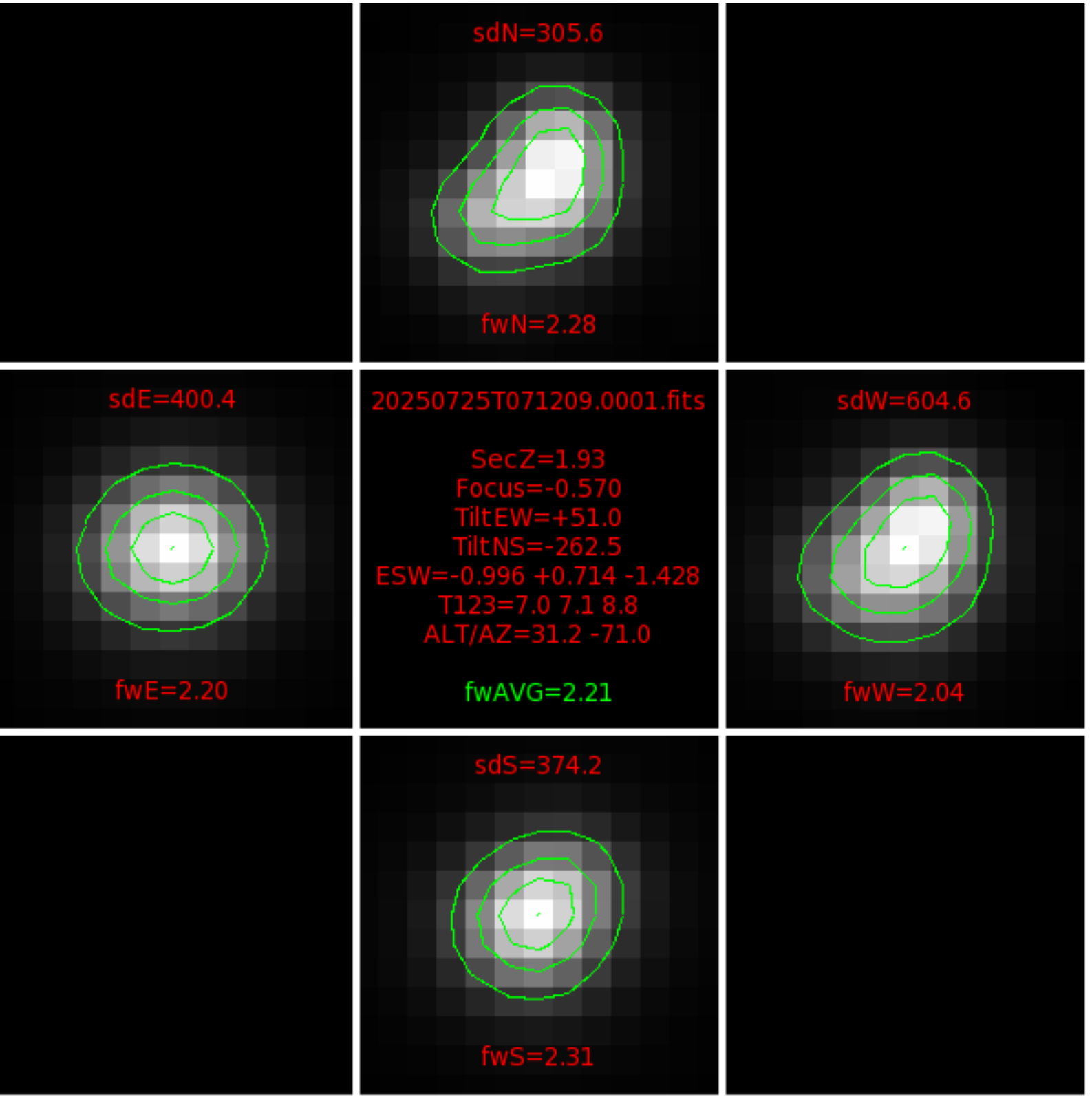
sdN=305.6
fwN=2.28
sdE=400.4
fwE=2.20
20250725T071209.0001.fits
SecZ=1.93
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.1 8.8
ALT/AZ=31.2 -71.0
fwAVG=2.21
sdW=604.6
fwW=2.04
sdS=374.2
fwS=2.31
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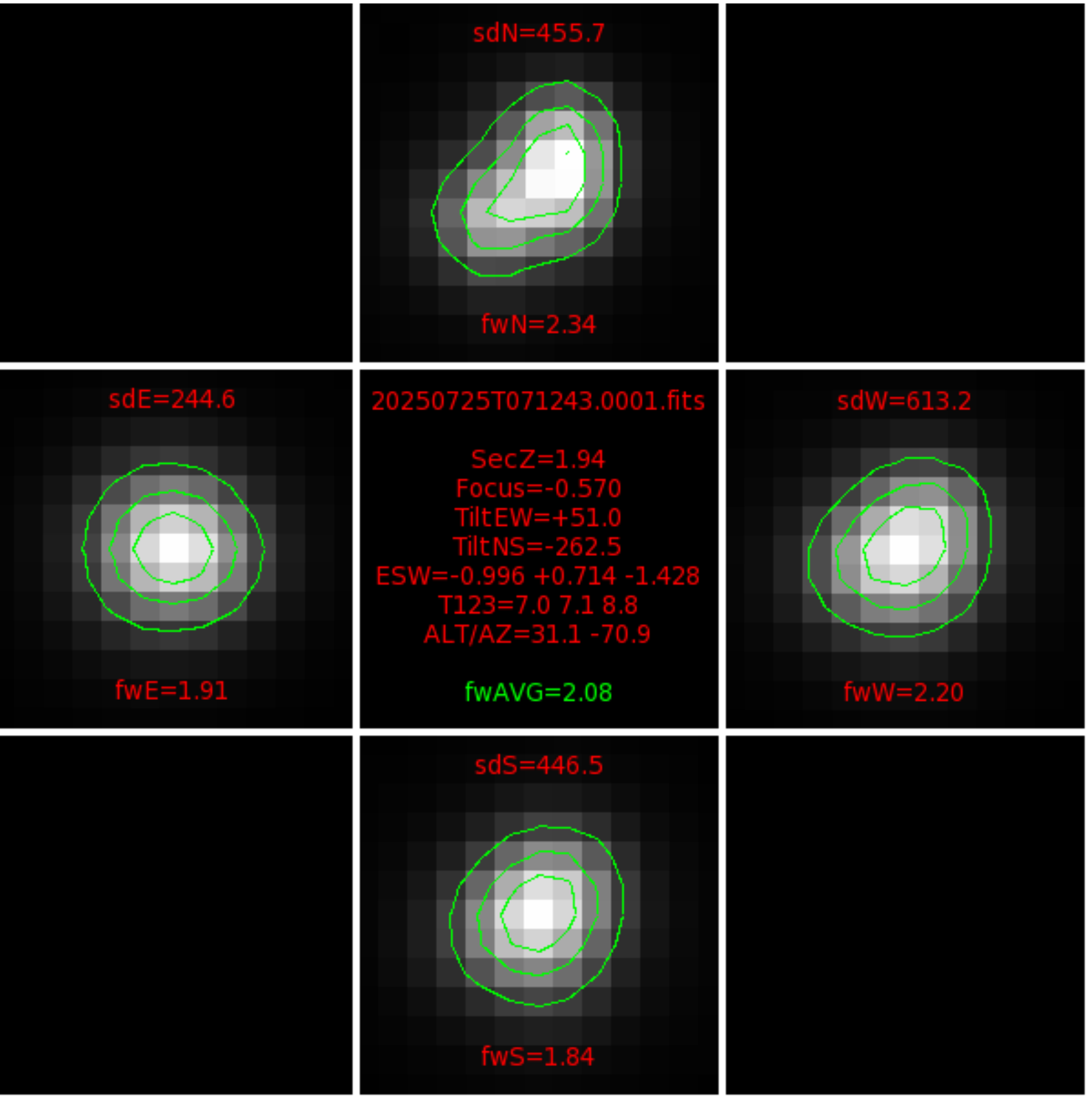
sdN=455.7
fwN=2.34
sdE=244.6
fwE=1.91
20250725T071243.0001.fits
SecZ=1.94
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.1 8.8
ALT/AZ=31.1 -70.9
fwAVG=2.08
sdW=613.2
fwW=2.20
sdS=446.5
fwS=1.84
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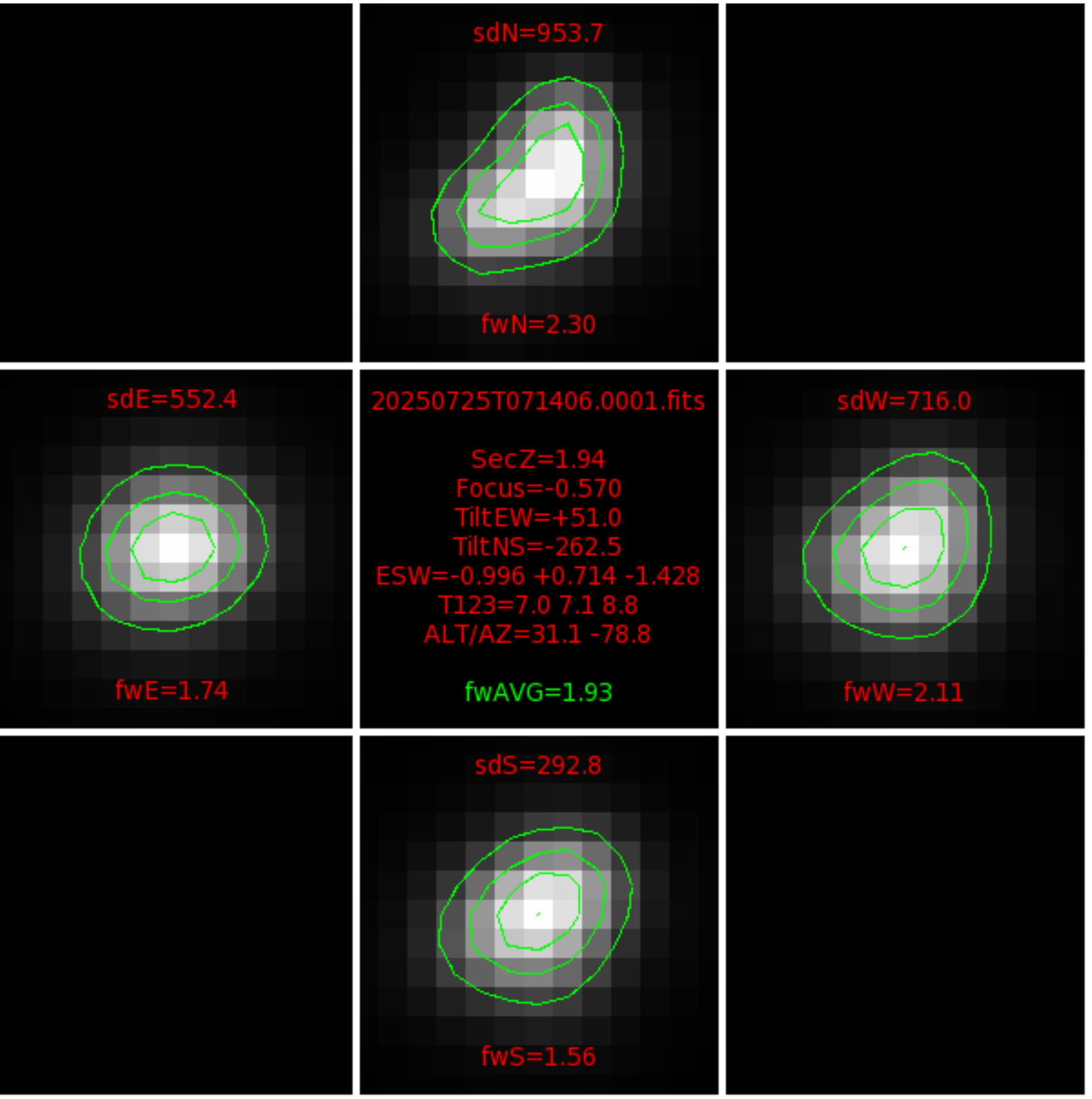
sdN=953.7
fwN=2.30
sdE=552.4
fwE=1.74
20250725T071406.0001.fits
SecZ=1.94
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.1 8.8
ALT/AZ=31.1 -78.8
fwAVG=1.93
sdW=716.0
fwW=2.11
sdS=292.8
fwS=1.56
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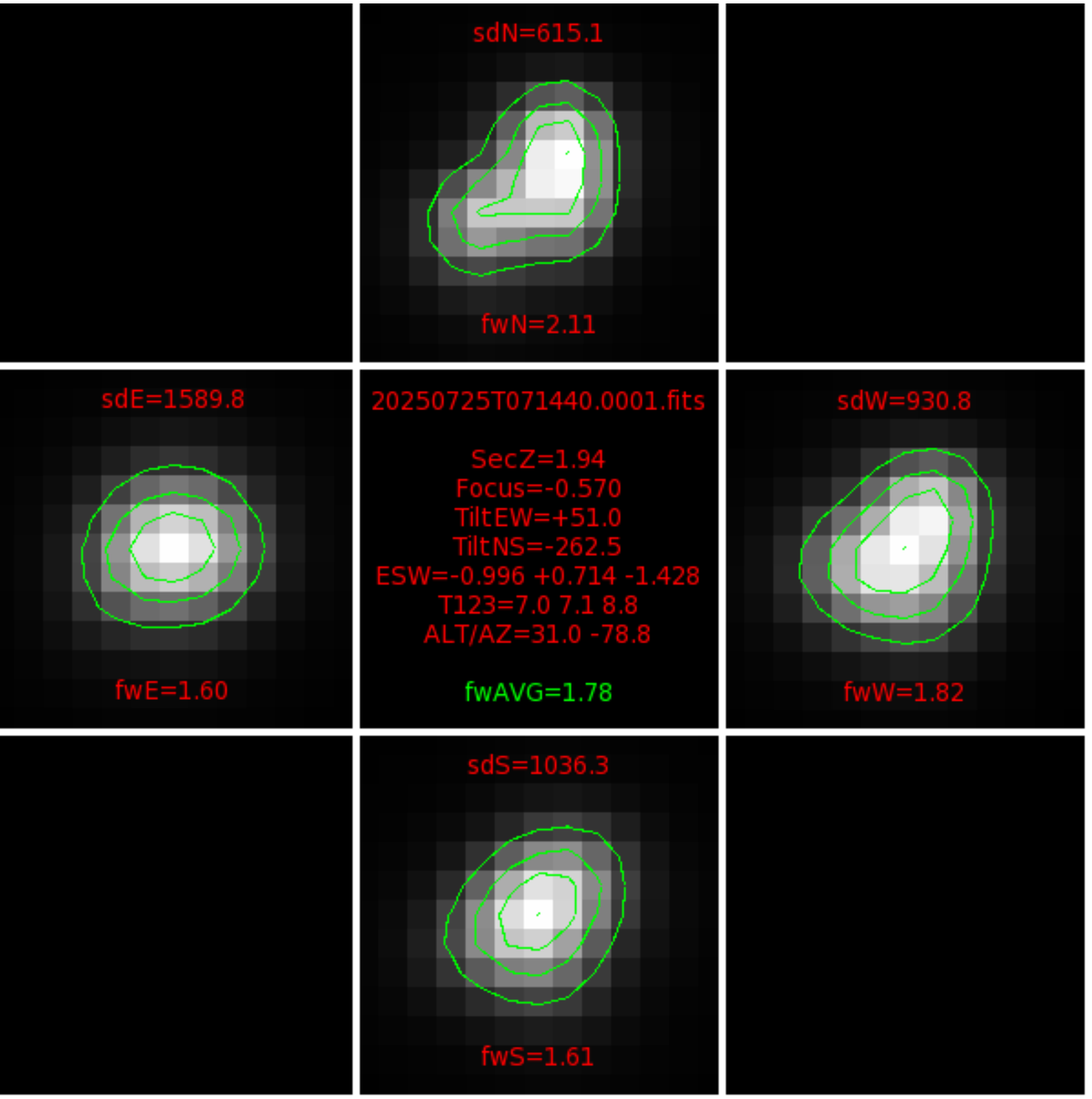
sdN=615.1
fwN=2.11
sdE=1589.8
fwE=1.60
20250725T071440.0001.fits
SecZ=1.94
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.1 8.8
ALT/AZ=31.0 -78.8
fwAVG=1.78
sdW=930.8
fwW=1.82
sdS=1036.3
fwS=1.61
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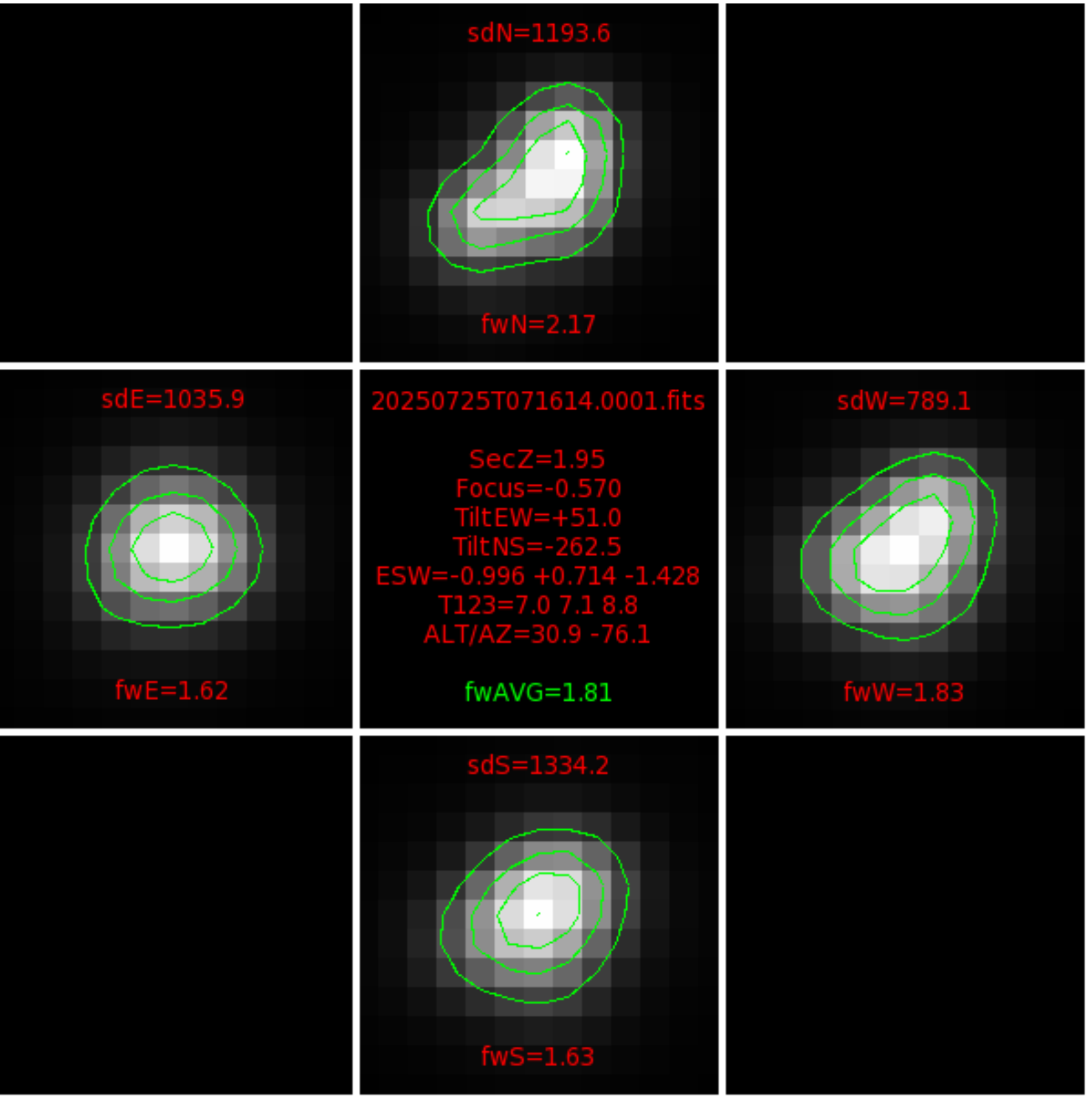
sdN=1193.6
fwN=2.17
sdE=1035.9
fwE=1.62
20250725T071614.0001.fits
SecZ=1.95
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.1 8.8
ALT/AZ=30.9 -76.1
fwAVG=1.81
sdW=789.1
fwW=1.83
sdS=1334.2
fwS=1.63
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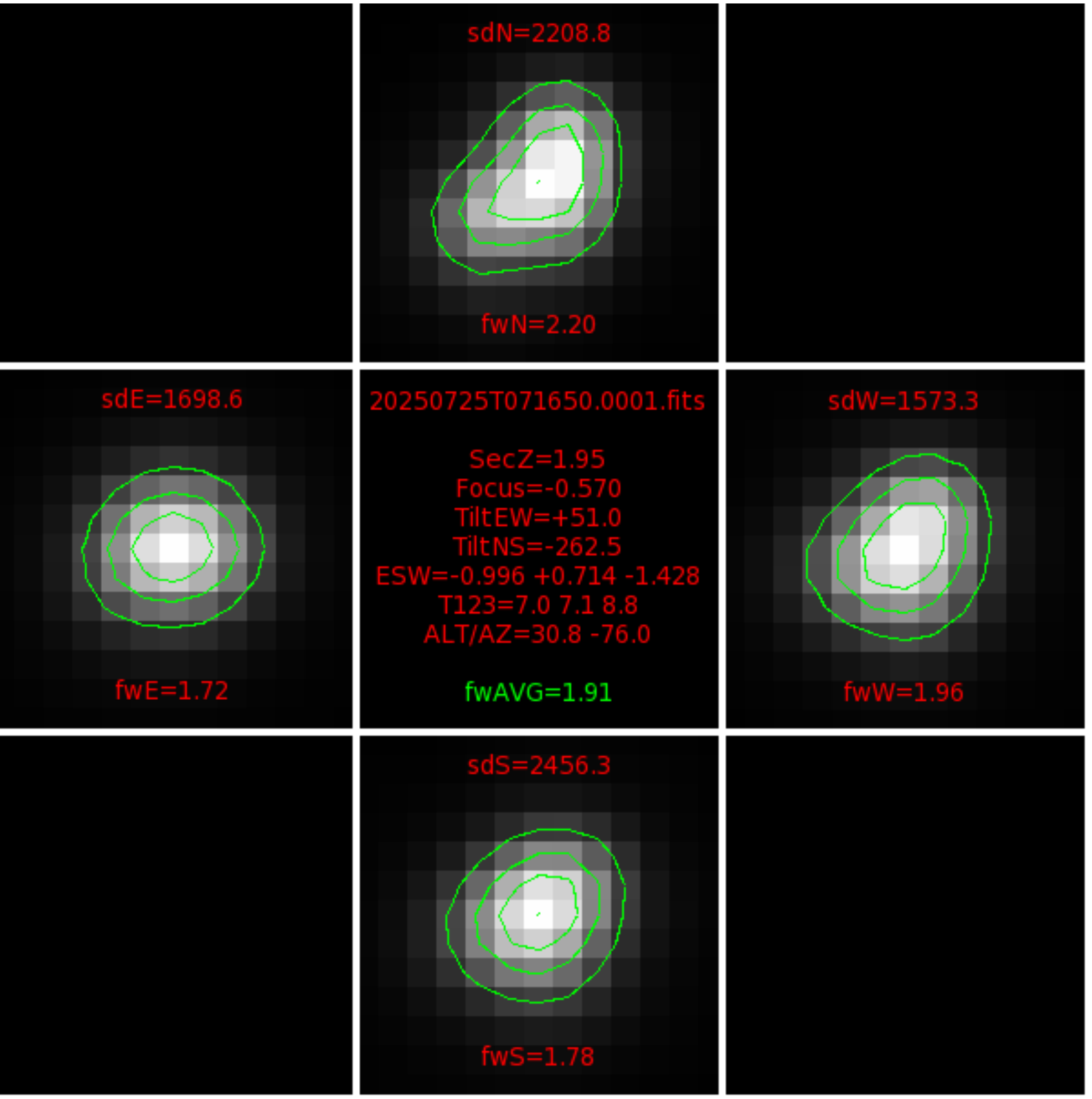
sdN=2208.8
fwN=2.20
sdE=1698.6
fwE=1.72
20250725T071650.0001.fits
SecZ=1.95
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.1 8.8
ALT/AZ=30.8 -76.0
fwAVG=1.91
sdW=1573.3
fwW=1.96
sdS=2456.3
fwS=1.78
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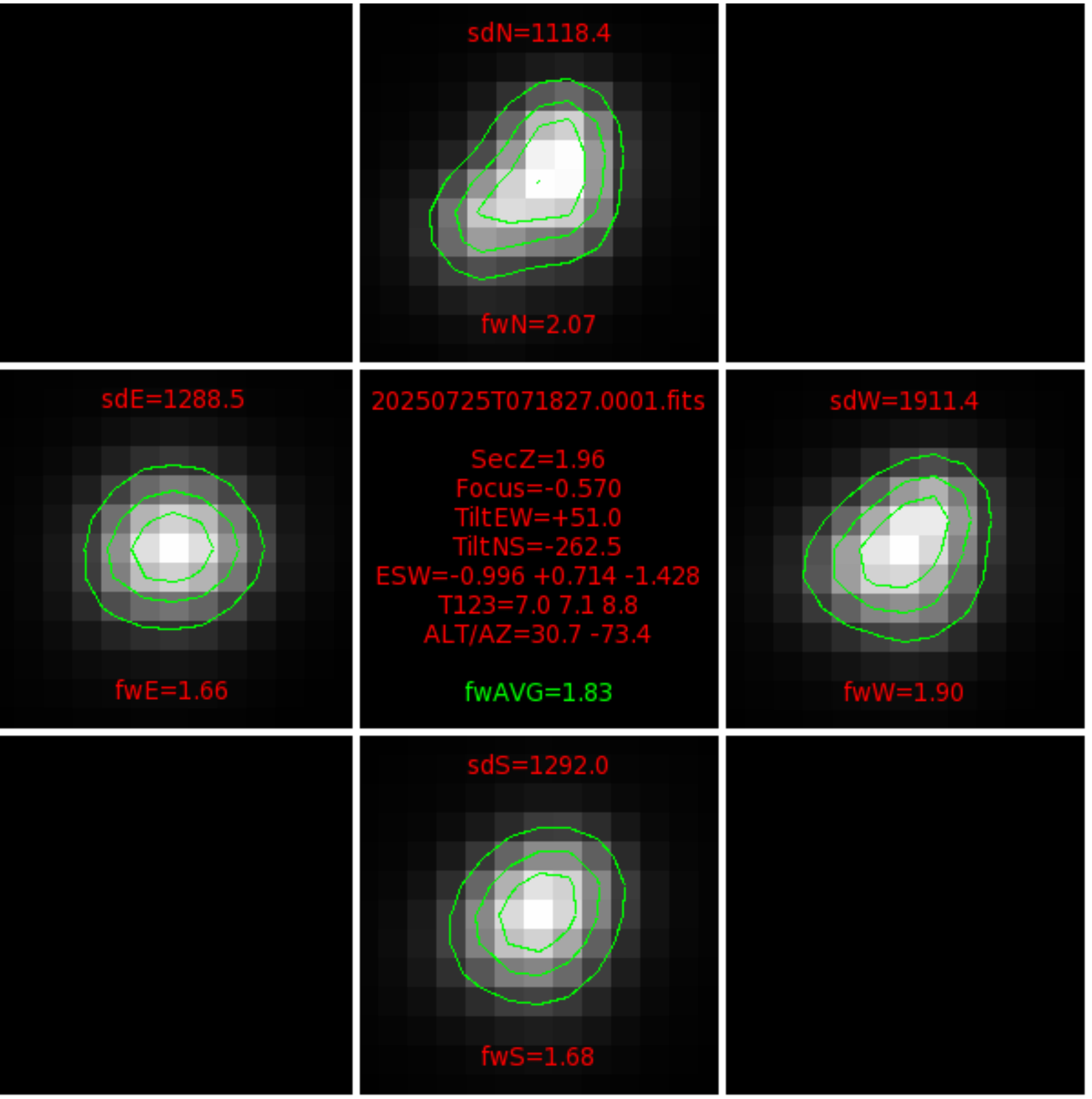
sdN=1118.4
fwN=2.07
sdE=1288.5
fwE=1.66
20250725T071827.0001.fits
SecZ=1.96
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.1 8.8
ALT/AZ=30.7 -73.4
fwAVG=1.83
sdW=1911.4
fwW=1.90
sdS=1292.0
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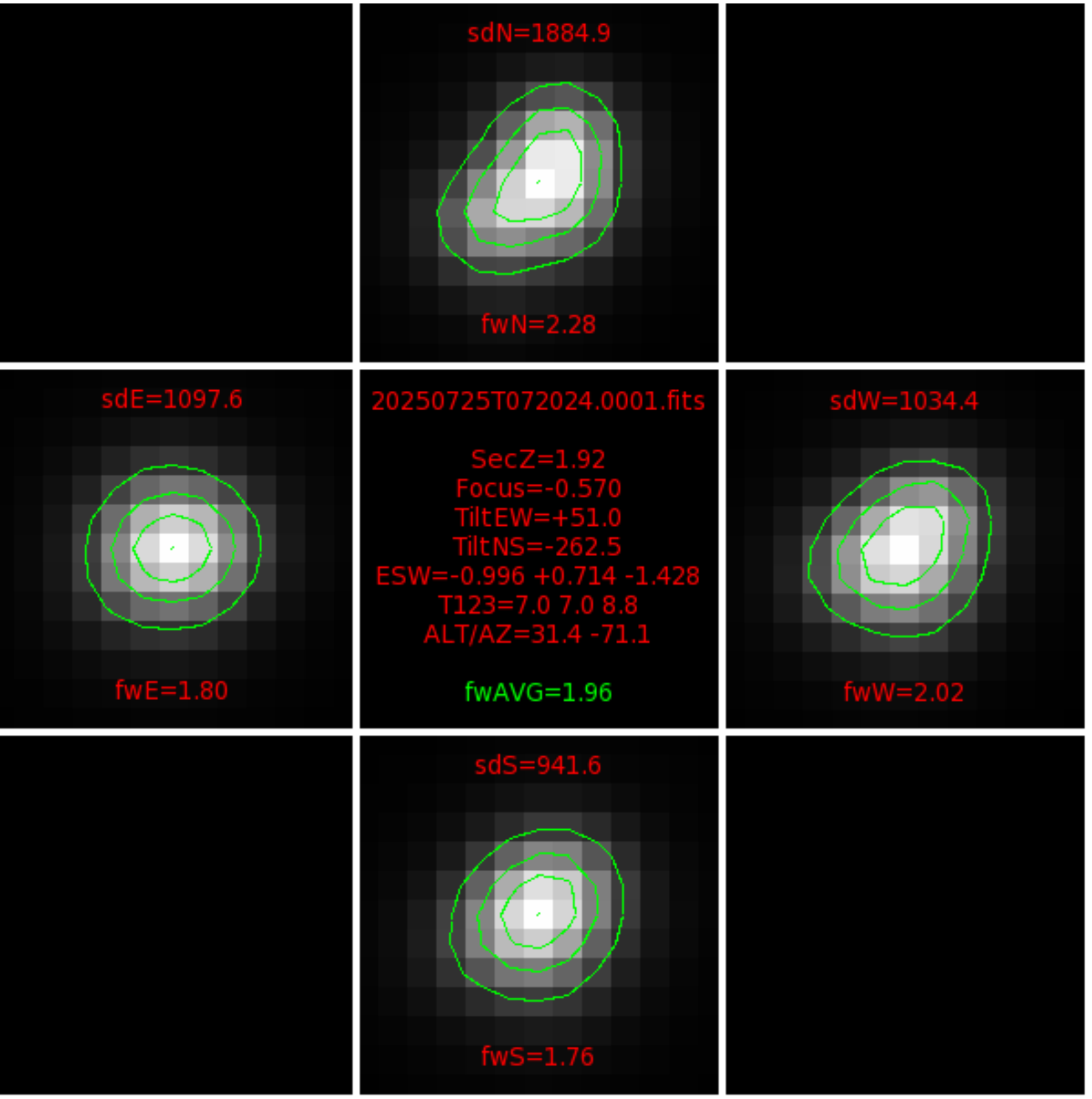
sdN=1884.9
fwN=2.28
sdE=1097.6
fwE=1.80
20250725T072024.0001.fits
SecZ=1.92
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.0 8.8
ALT/AZ=31.4 -71.1
fwAVG=1.96
sdW=1034.4
fwW=2.02
sdS=941.6
fwS=1.76
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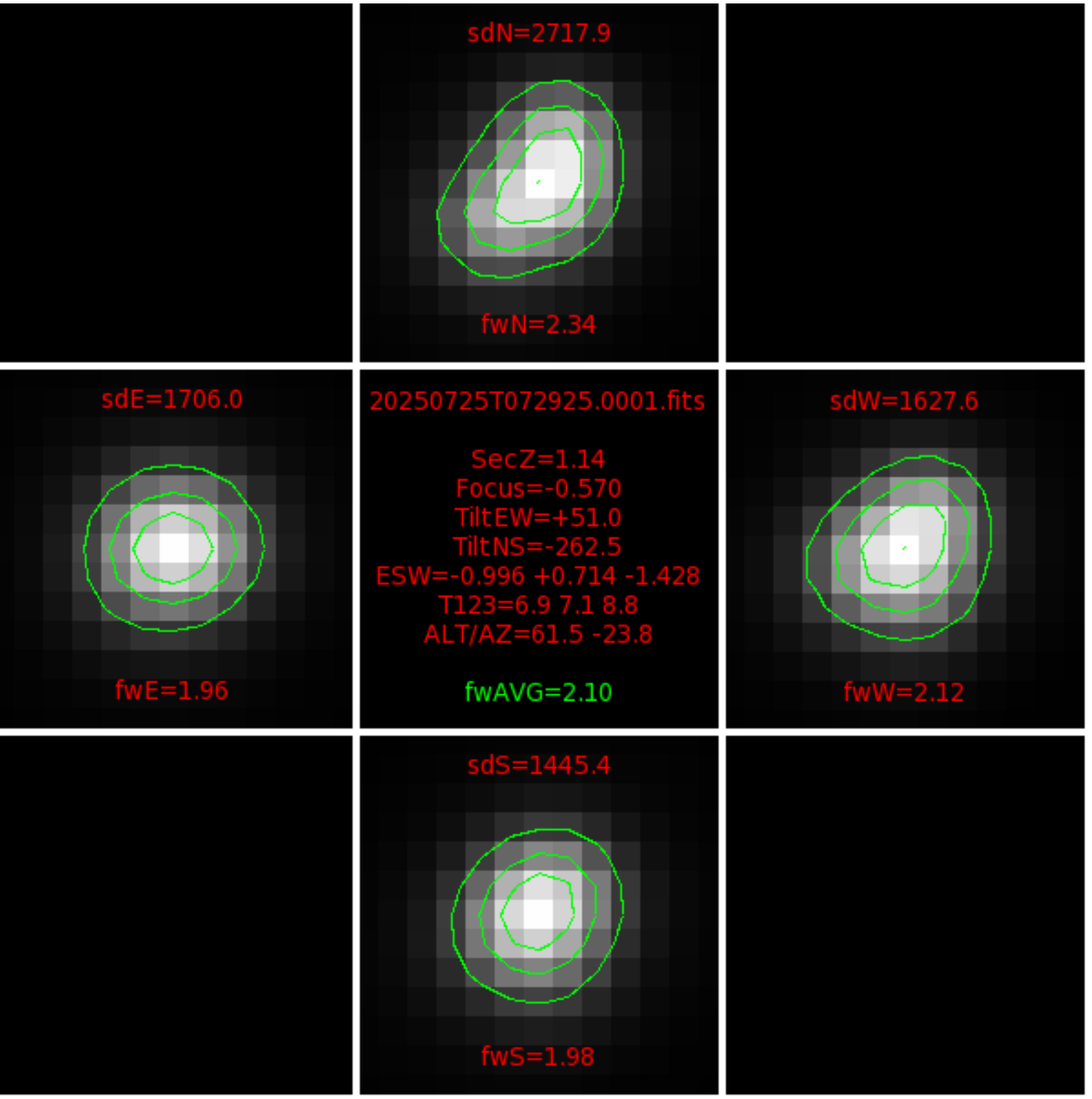
sdN=2717.9
fwN=2.34
sdE=1706.0
fwE=1.96
20250725T072925.0001.fits
SecZ=1.14
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.1 8.8
ALT/AZ=61.5 -23.8
fwAVG=2.10
sdW=1627.6
fwW=2.12
sdS=1445.4
fwS=1.98
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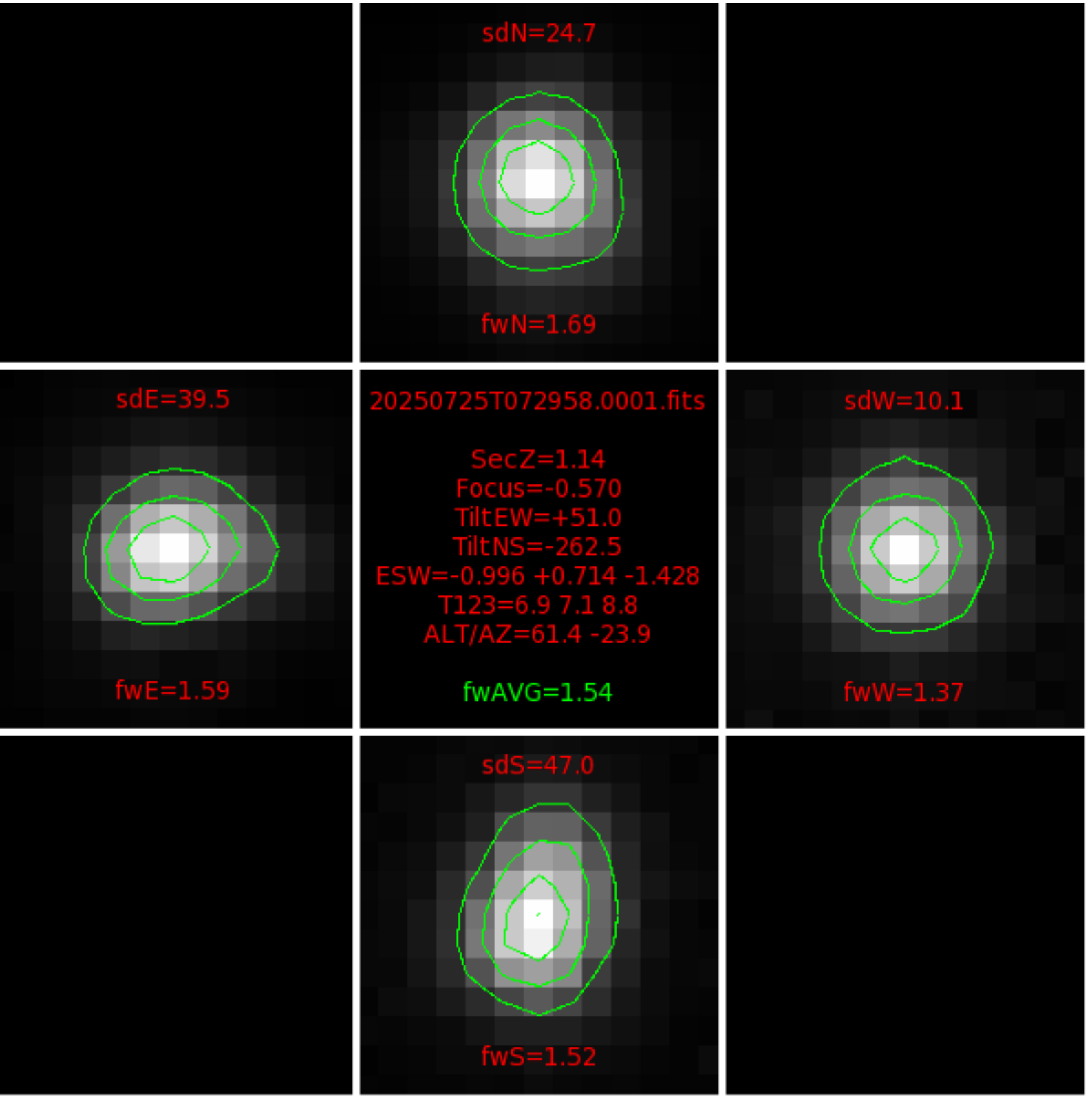
sdN=24.7
fwN=1.69
sdE=39.5
fwE=1.59
20250725T072958.0001.fits
SecZ=1.14
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.1 8.8
ALT/AZ=61.4 -23.9
fwAVG=1.54
sdW=10.1
fwW=1.37
sdS=47.0
fwS=1.52
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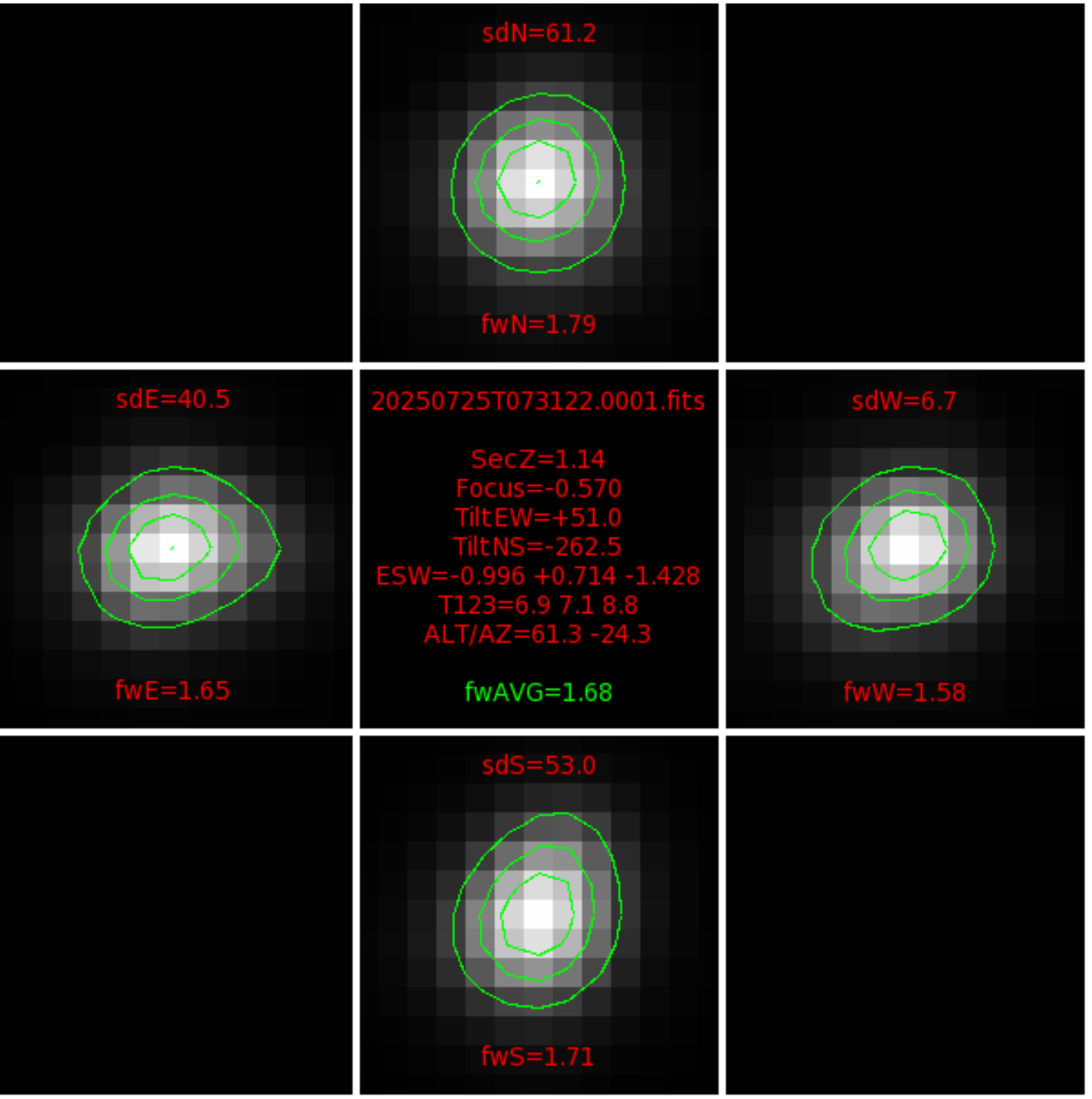
sdN=61.2
fwN=1.79
sdE=40.5
fwE=1.65
20250725T073122.0001.fits
SecZ=1.14
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.1 8.8
ALT/AZ=61.3 -24.3
fwAVG=1.68
sdW=6.7
fwW=1.58
sdS=53.0
fwS=1.71
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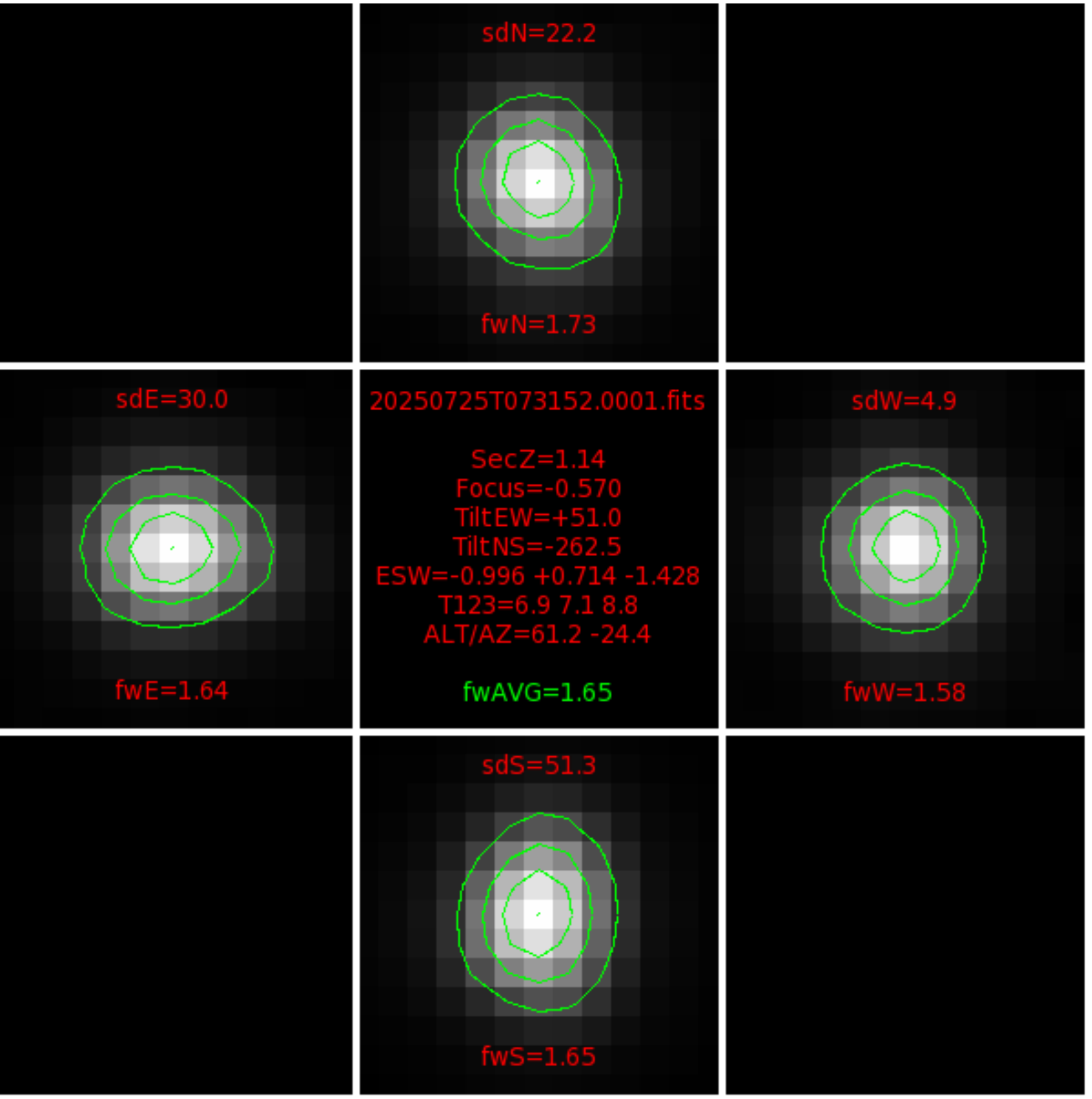
sdN=22.2
fwN=1.73
sdE=30.0
fwE=1.64
20250725T073152.0001.fits
SecZ=1.14
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.1 8.8
ALT/AZ=61.2 -24.4
fwAVG=1.65
sdW=4.9
fwW=1.58
sdS=51.3
fwS=1.65
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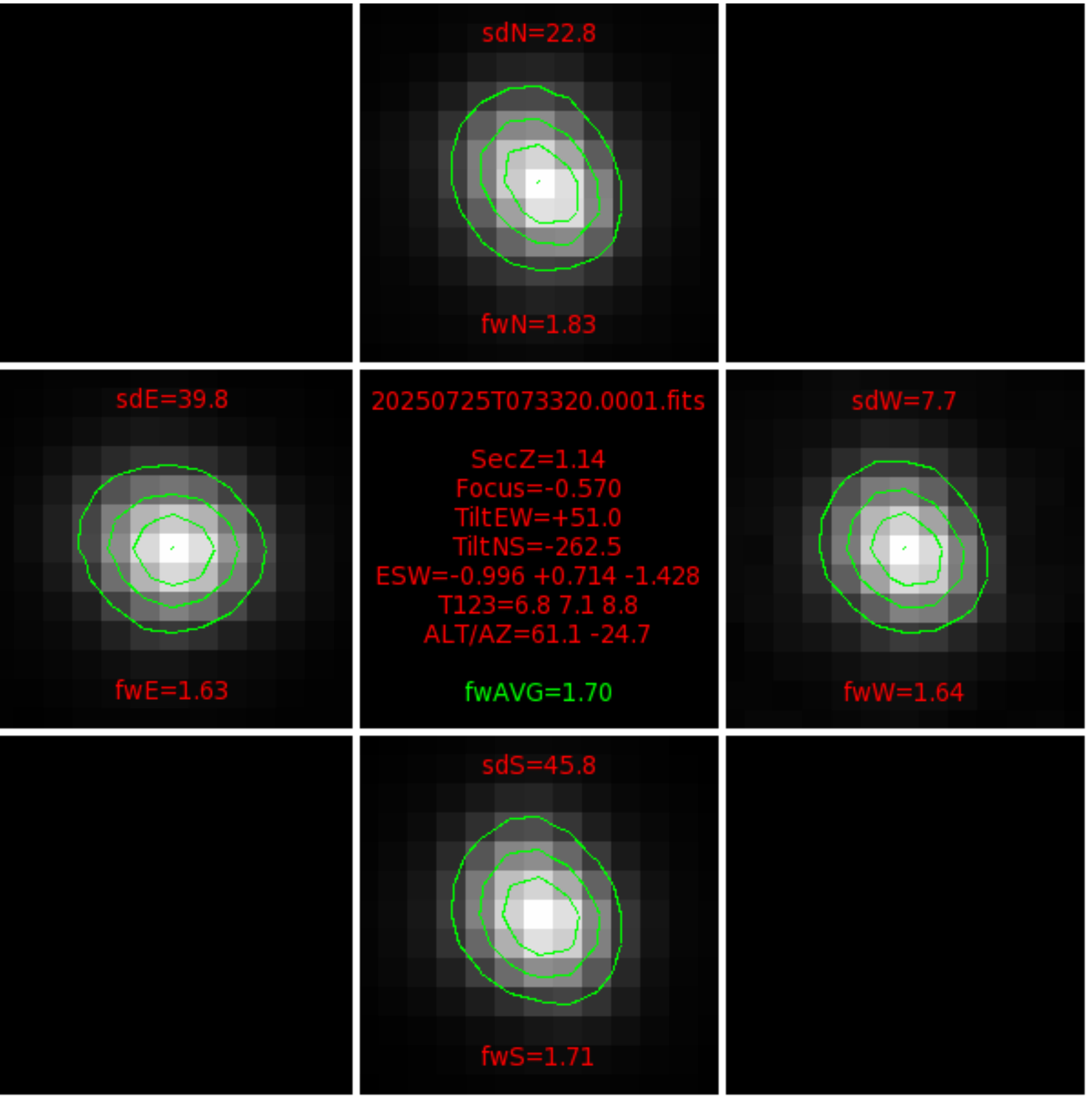
sdN=22.8
fwN=1.83
sdE=39.8
fwE=1.63
20250725T073320.0001.fits
SecZ=1.14
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=61.1 -24.7
fwAVG=1.70
sdW=7.7
fwW=1.64
sdS=45.8
fwS=1.71
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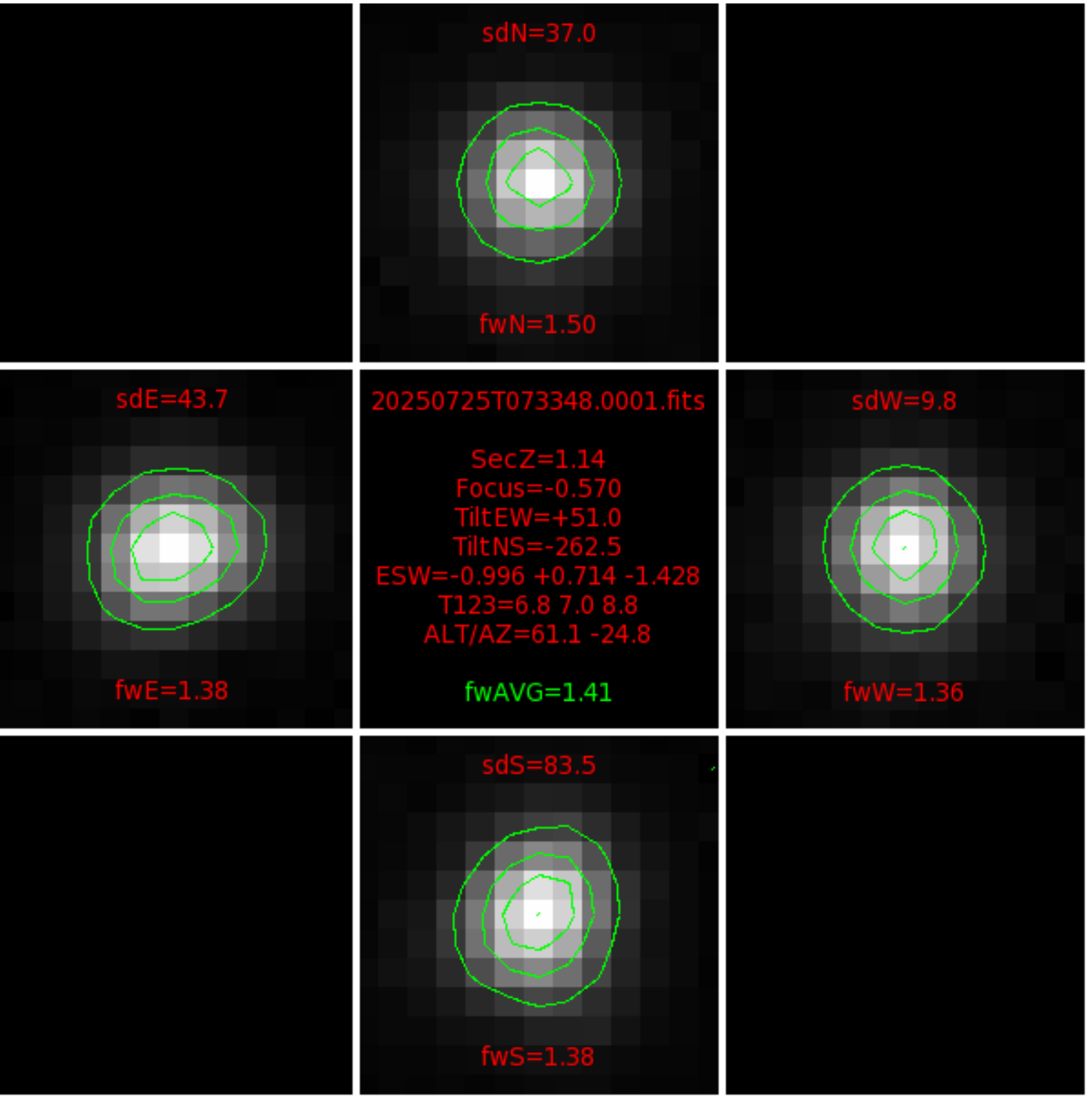
sdN=37.0
fwN=1.50
sdE=43.7
fwE=1.38
20250725T073348.0001.fits
SecZ=1.14
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.0 8.8
ALT/AZ=61.1 -24.8
fwAVG=1.41
sdW=9.8
fwW=1.36
sdS=83.5
fwS=1.38
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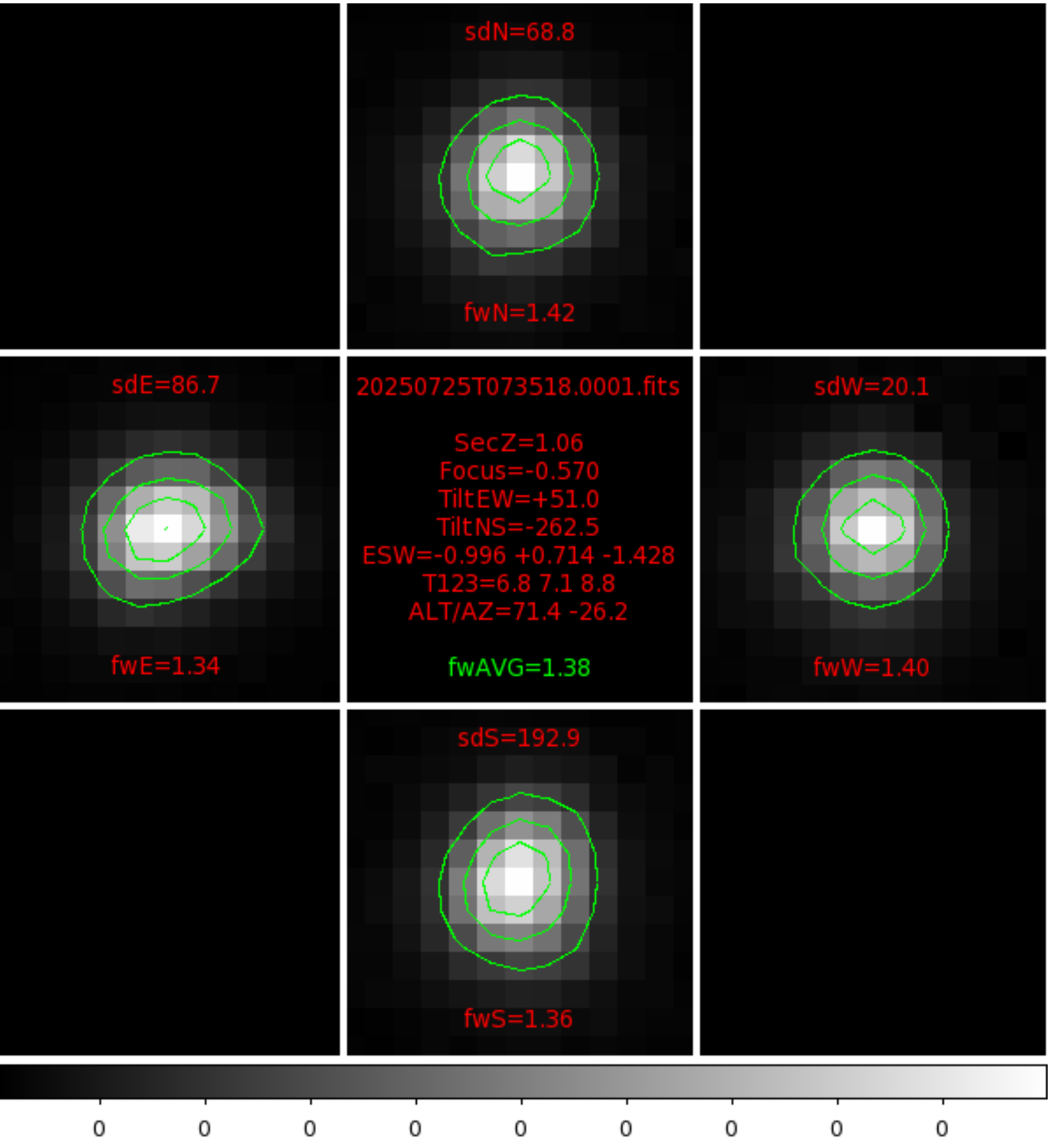
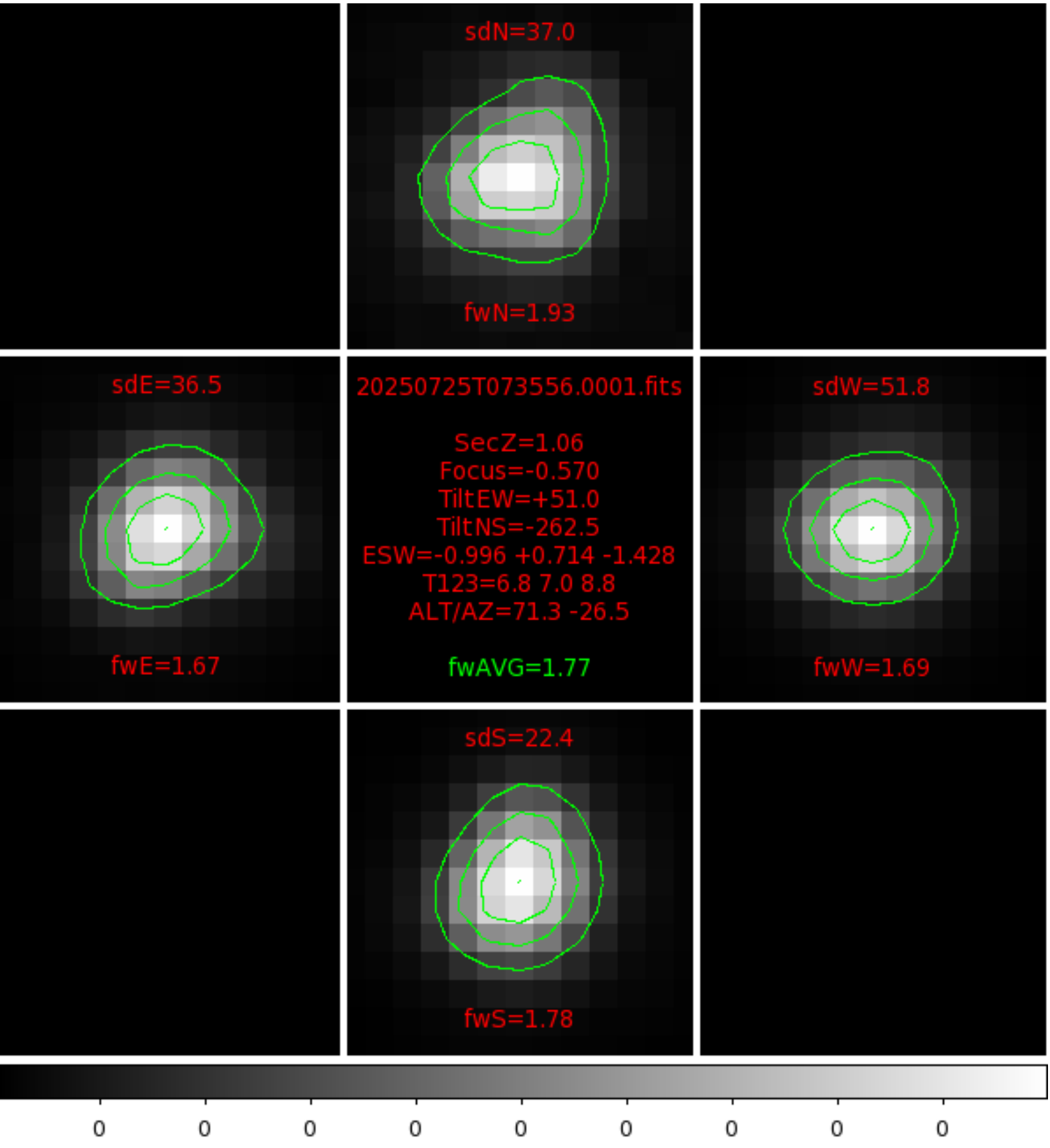

sdN=68.8
fwN=1.42
sdE=86.7
fwE=1.34
20250725T073518.0001.fits
SecZ=1.06
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=71.4 -26.2
fwAVG=1.38
sdW=20.1
fwW=1.40
sdS=192.9
fwS=1.36
0 0 0 0 0 0 0 0 0


sdN=37.0
fwN=1.93
sdE=36.5
fwE=1.67
20250725T073556.0001.fits
SecZ=1.06
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.0 8.8
ALT/AZ=71.3 -26.5
fwAVG=1.77
sdW=51.8
fwW=1.69
sdS=22.4
fwS=1.78
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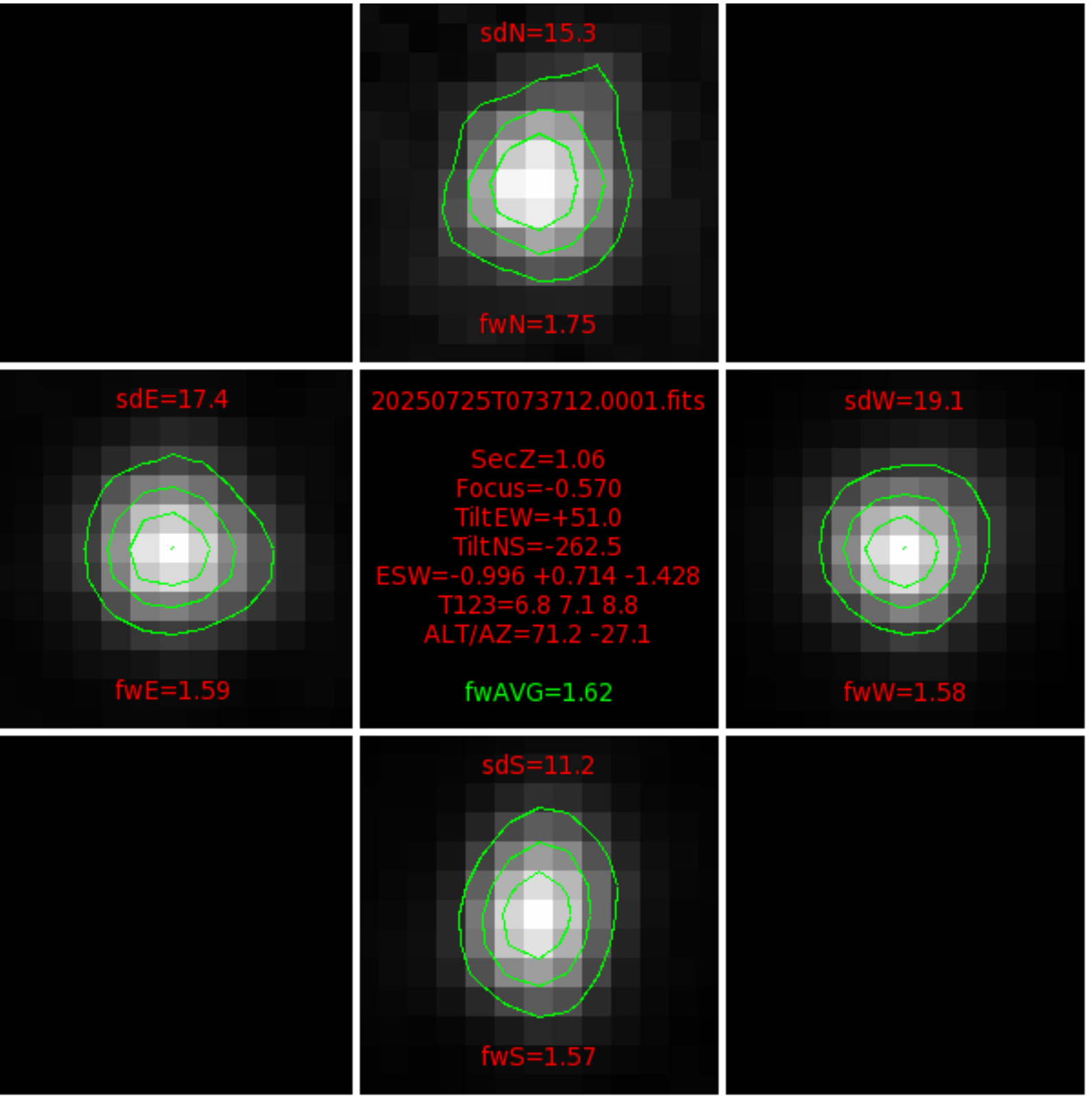
sdN=15.3
fwN=1.75
sdE=17.4
fwE=1.59
20250725T073712.0001.fits
SecZ=1.06
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=71.2 -27.1
fwAVG=1.62
sdW=19.1
fwW=1.58
sdS=11.2
fwS=1.57
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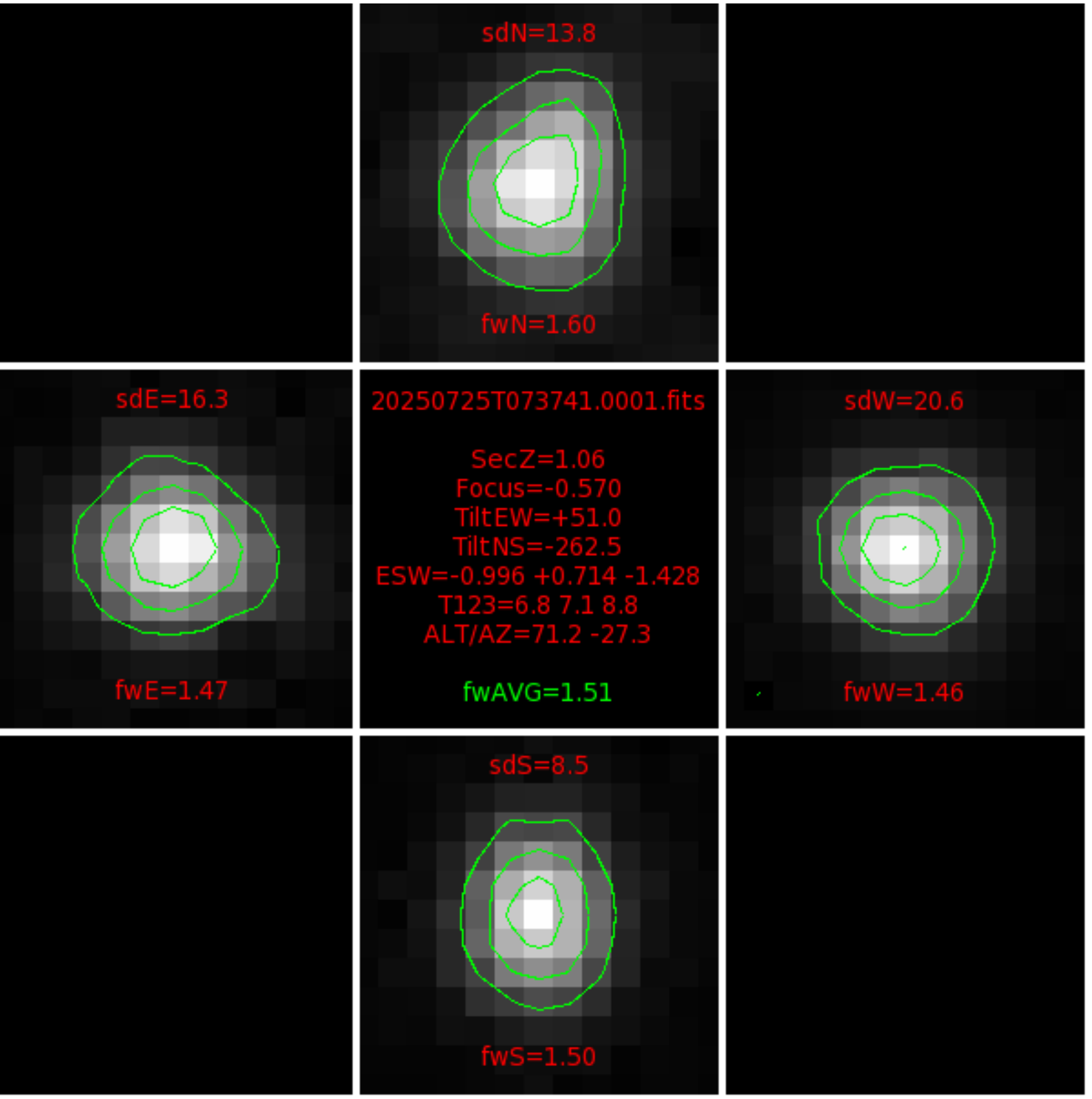
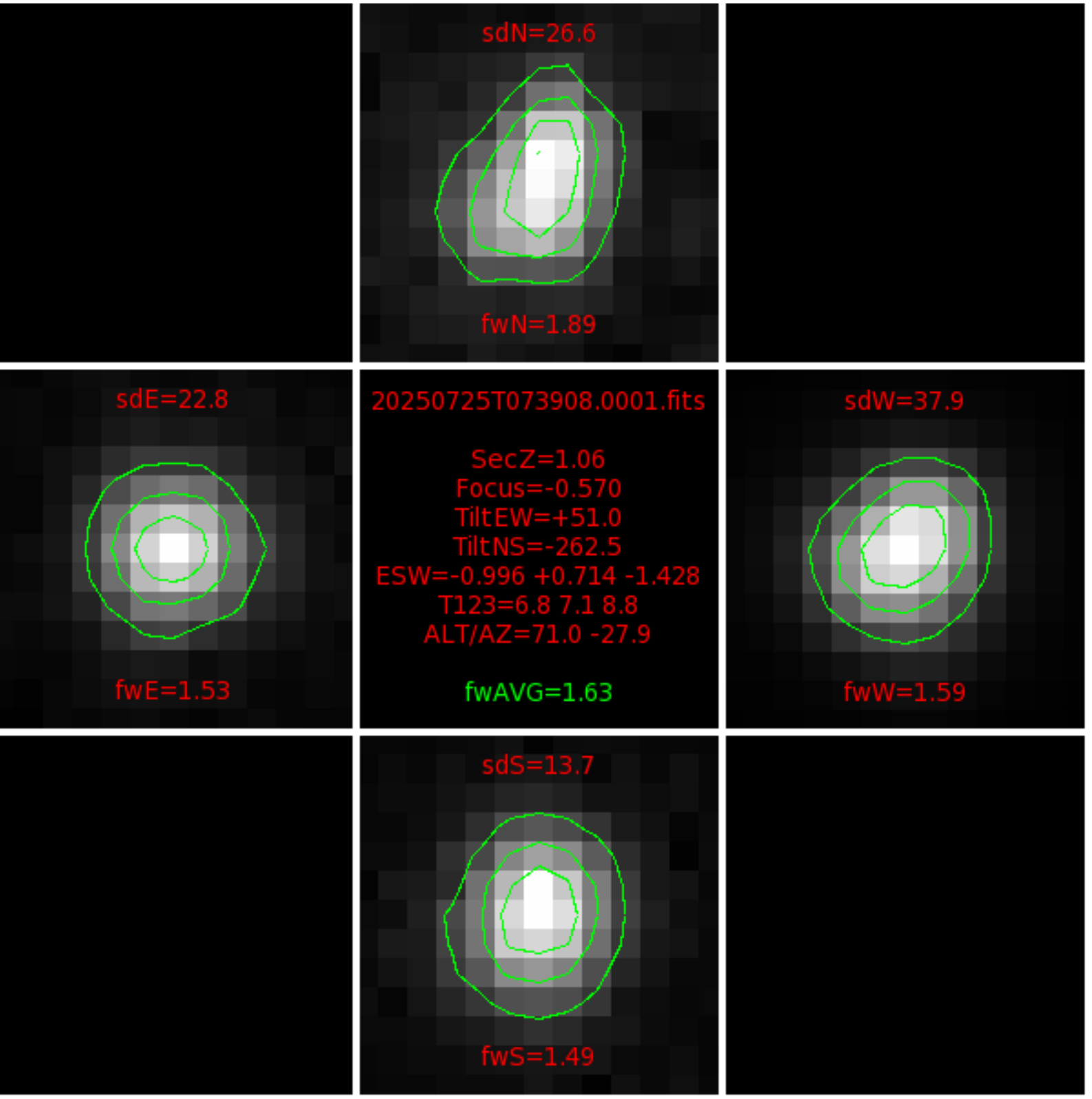

sdN=13.8
fwN=1.60
sdE=16.3
fwE=1.47
20250725T073741.0001.fits
SecZ=1.06
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=71.2 -27.3
fwAVG=1.51
sdW=20.6
fwW=1.46
sdS=8.5
fwS=1.50
0 0 0 0 0 0 0 0 0


sdN=26.6
fwN=1.89
sdE=22.8
fwE=1.53
20250725T073908.0001.fits
SecZ=1.06
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=71.0 -27.9
fwAVG=1.63
sdW=37.9
fwW=1.59
sdS=13.7
fwS=1.49
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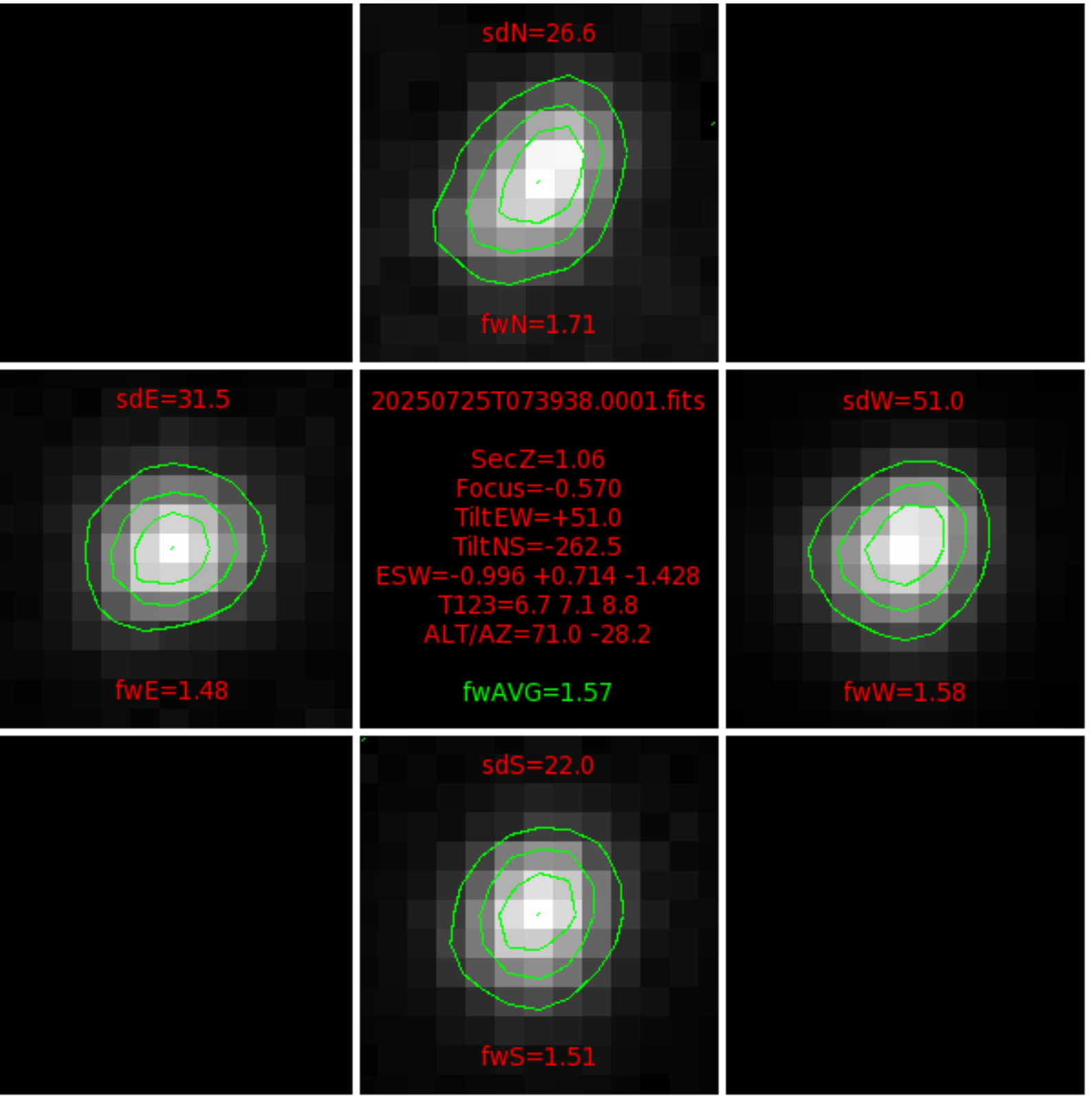
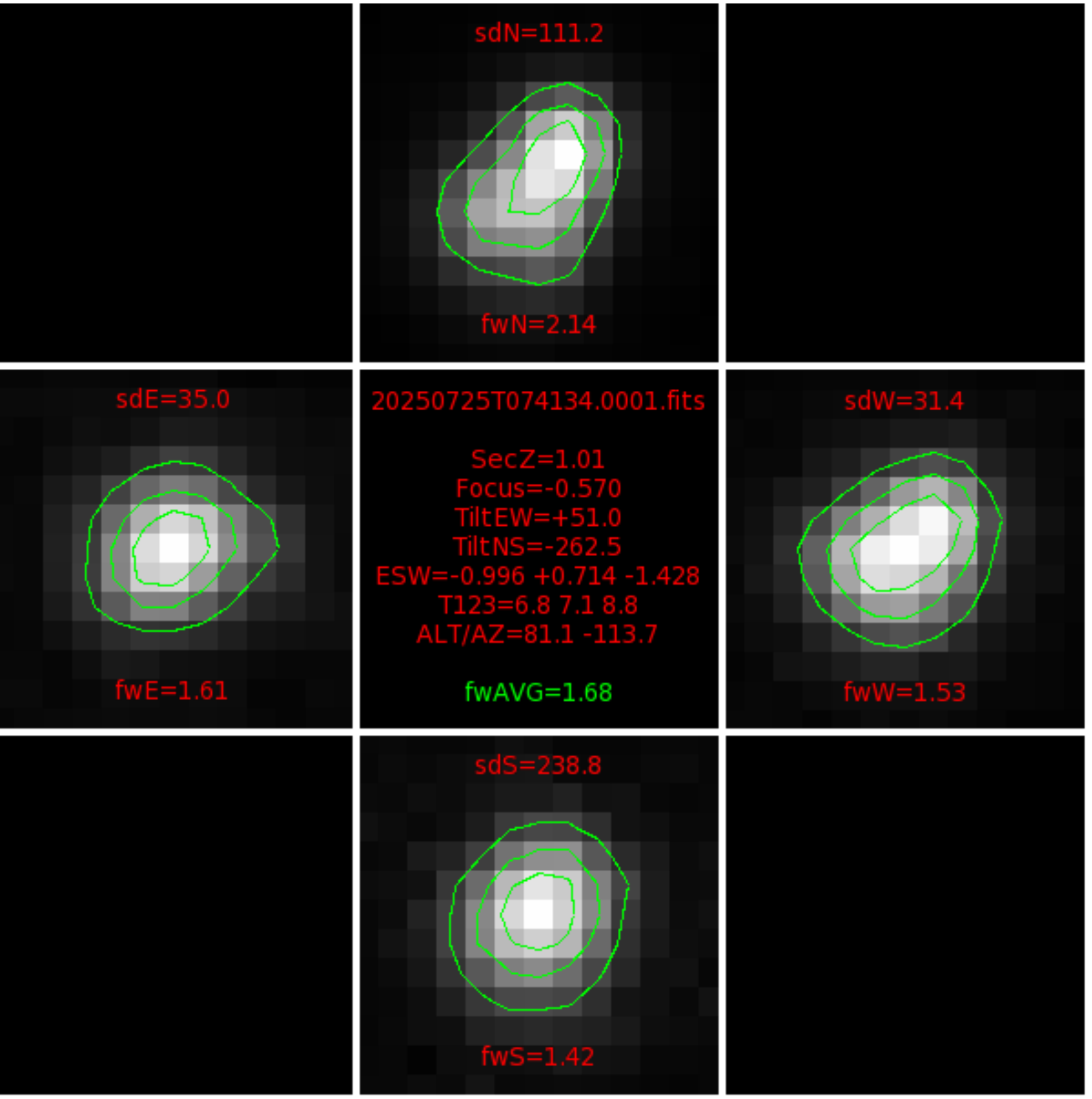
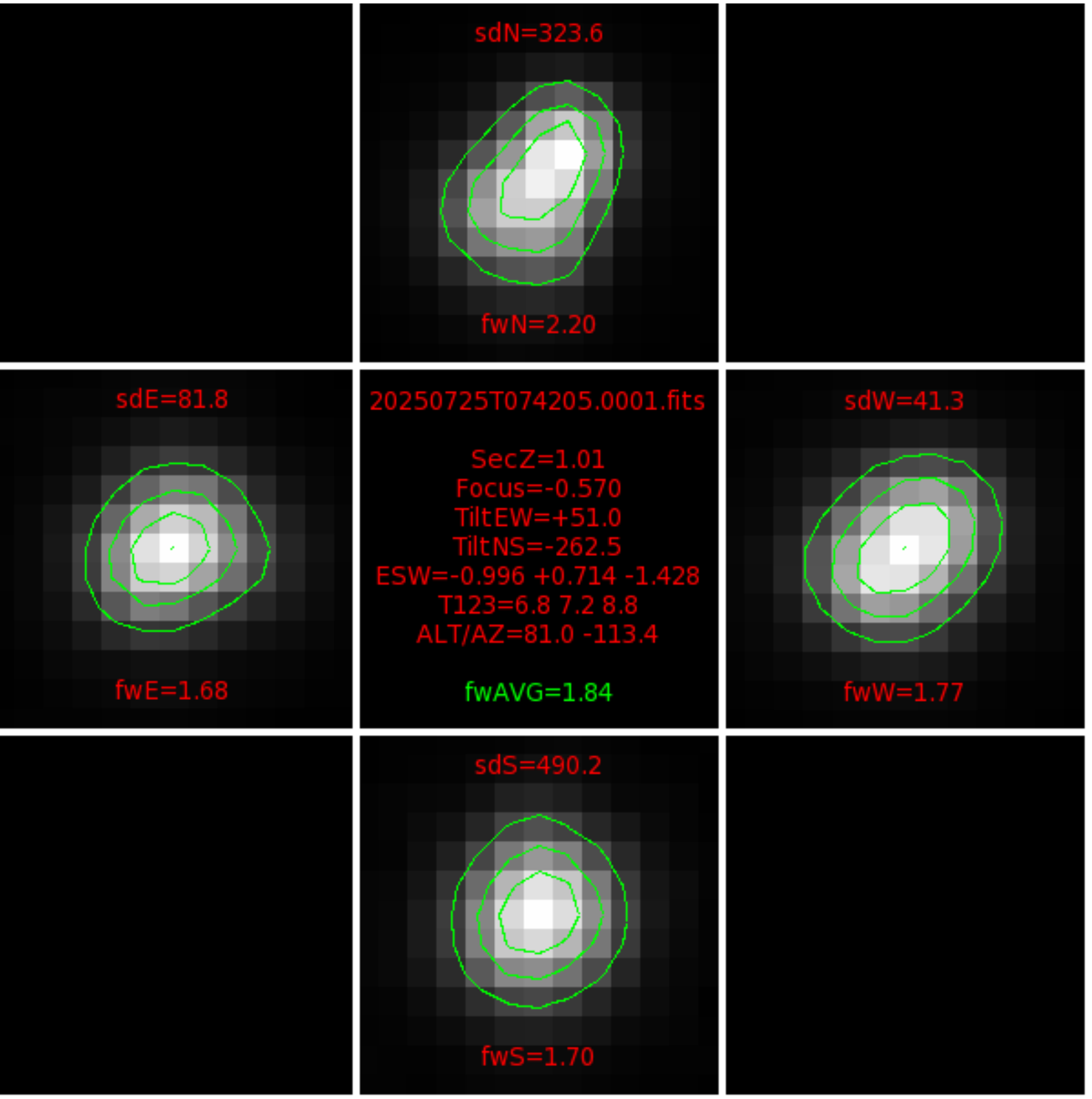
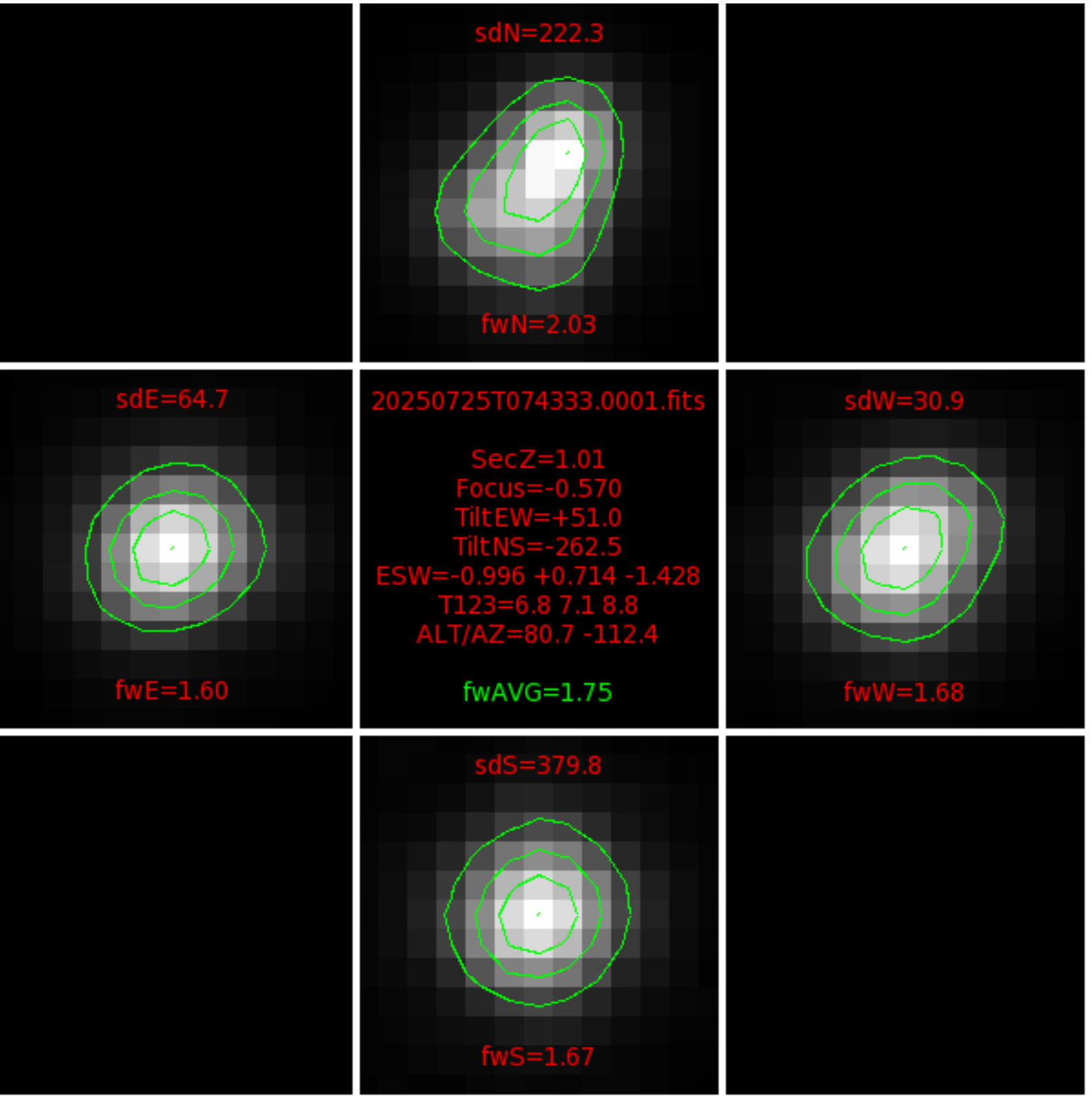
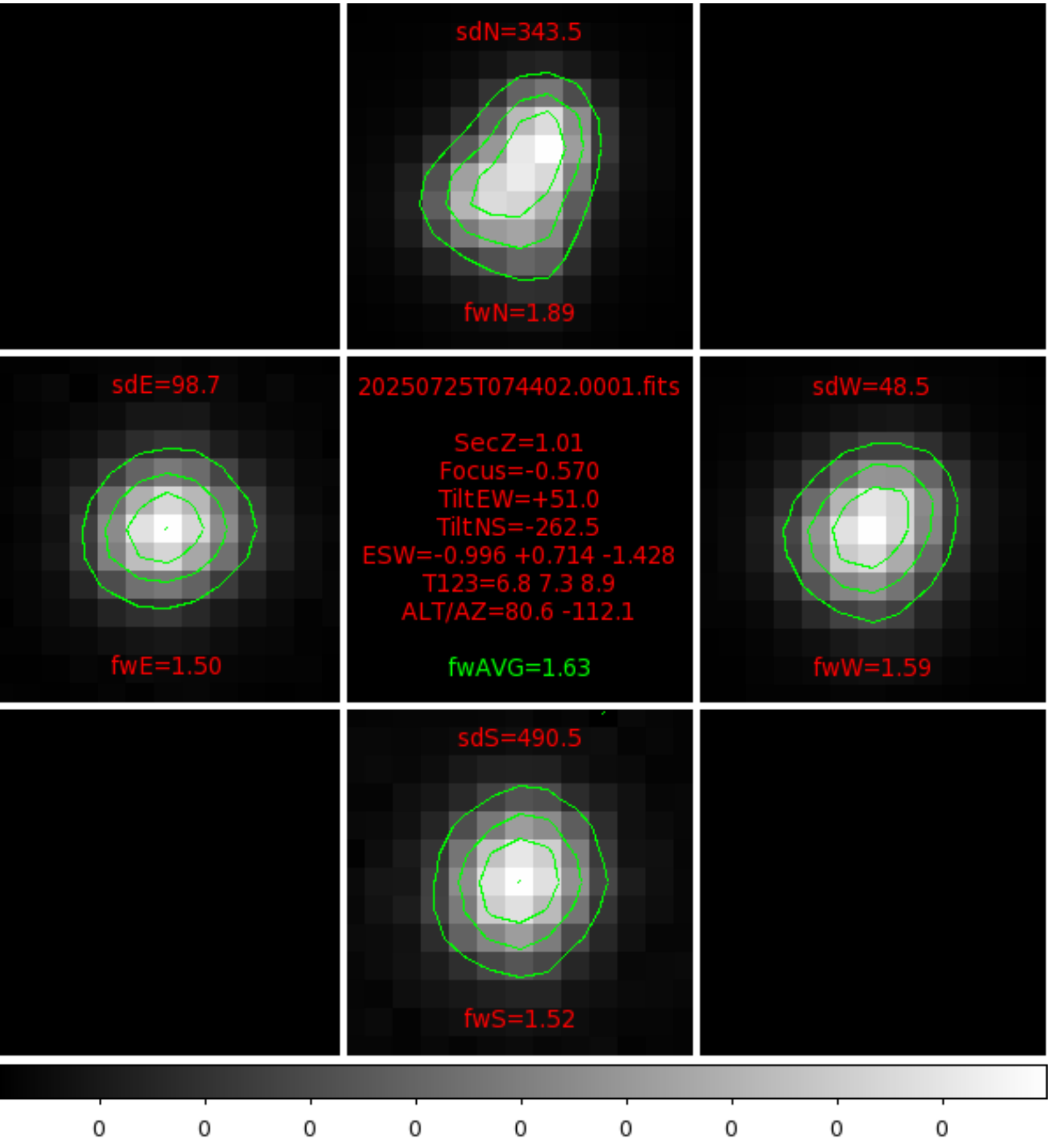
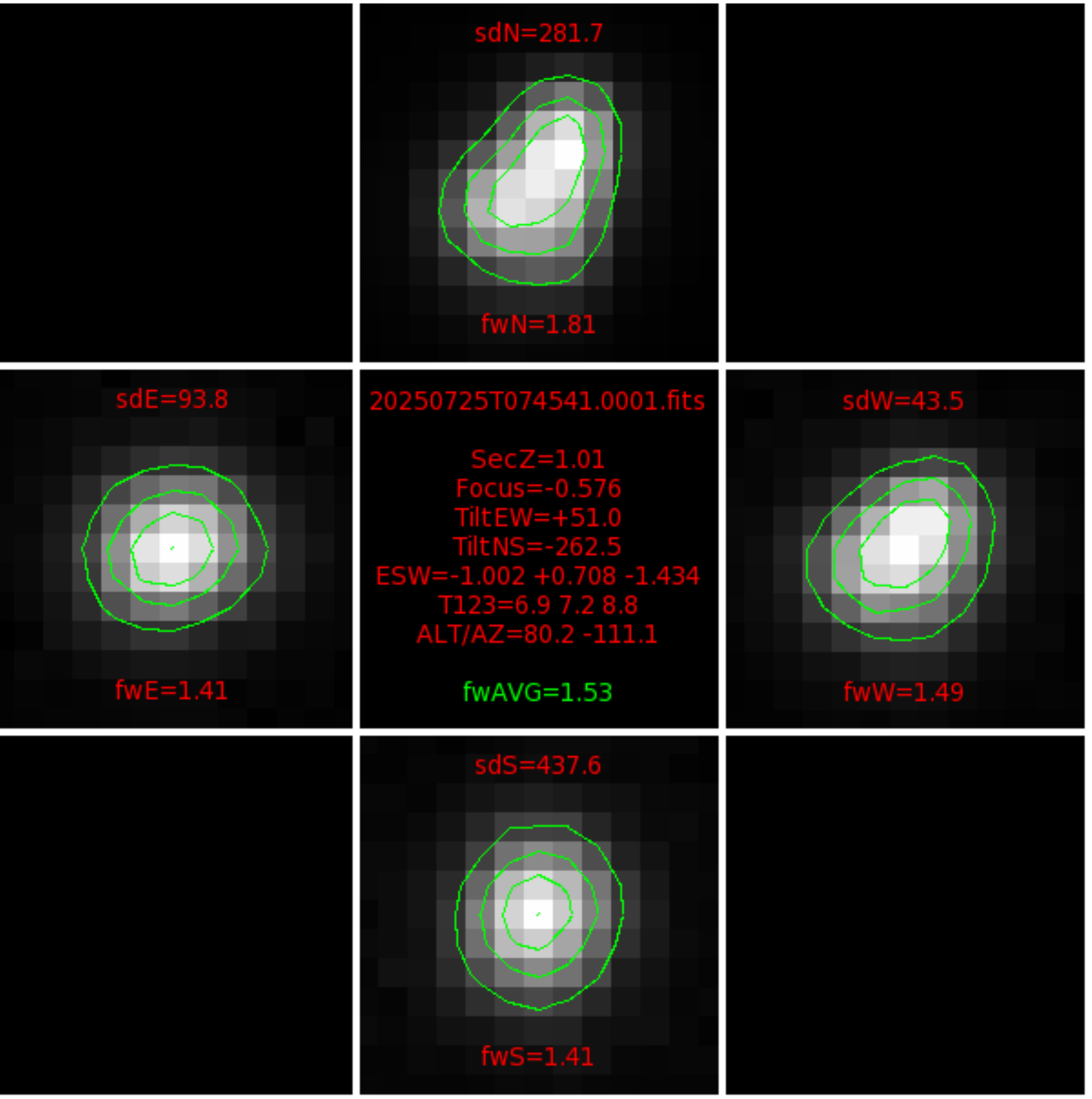

sdN=26.6
fwN=1.71
sdE=31.5
fwE=1.48
20250725T073938.0001.fits
SecZ=1.06
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.7 7.1 8.8
ALT/AZ=71.0 -28.2
fwAVG=1.57
sdW=51.0
fwW=1.58
sdS=22.0
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=111.2
fwN=2.14
sdE=35.0
fwE=1.61
20250725T074134.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=81.1 -113.7
fwAVG=1.68
sdW=31.4
fwW=1.53
sdS=238.8
fwS=1.42
0 0 0 0 0 0 0 0 0


sdN=323.6
fwN=2.20
sdE=81.8
fwE=1.68
20250725T074205.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.2 8.8
ALT/AZ=81.0 -113.4
fwAVG=1.84
sdW=41.3
fwW=1.77
sdS=490.2
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=222.3
fwN=2.03
sdE=64.7
fwE=1.60
20250725T074333.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.1 8.8
ALT/AZ=80.7 -112.4
fwAVG=1.75
sdW=30.9
fwW=1.68
sdS=379.8
fwS=1.67
0 0 0 0 0 0 0 0 0


sdN=343.5
fwN=1.89
sdE=98.7
fwE=1.50
20250725T074402.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.8 7.3 8.9
ALT/AZ=80.6 -112.1
fwAVG=1.63
sdW=48.5
fwW=1.59
sdS=490.5
fwS=1.52
0 0 0 0 0 0 0 0 0


sdN=281.7
fwN=1.81
sdE=93.8
fwE=1.41
20250725T074541.0001.fits
SecZ=1.01
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.9 7.2 8.8
ALT/AZ=80.2 -111.1
fwAVG=1.53
sdW=43.5
fwW=1.49
sdS=437.6
fwS=1.41
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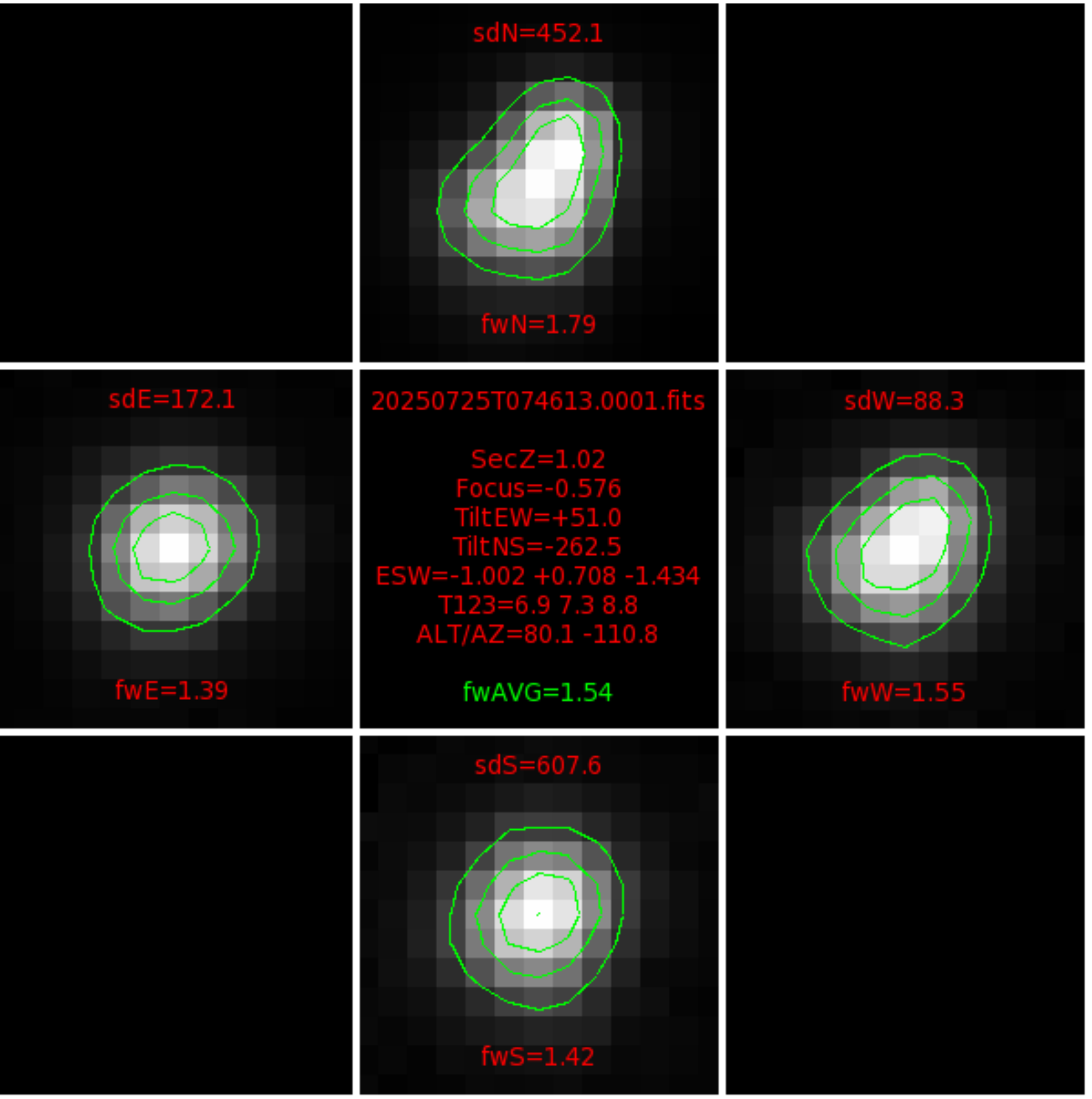
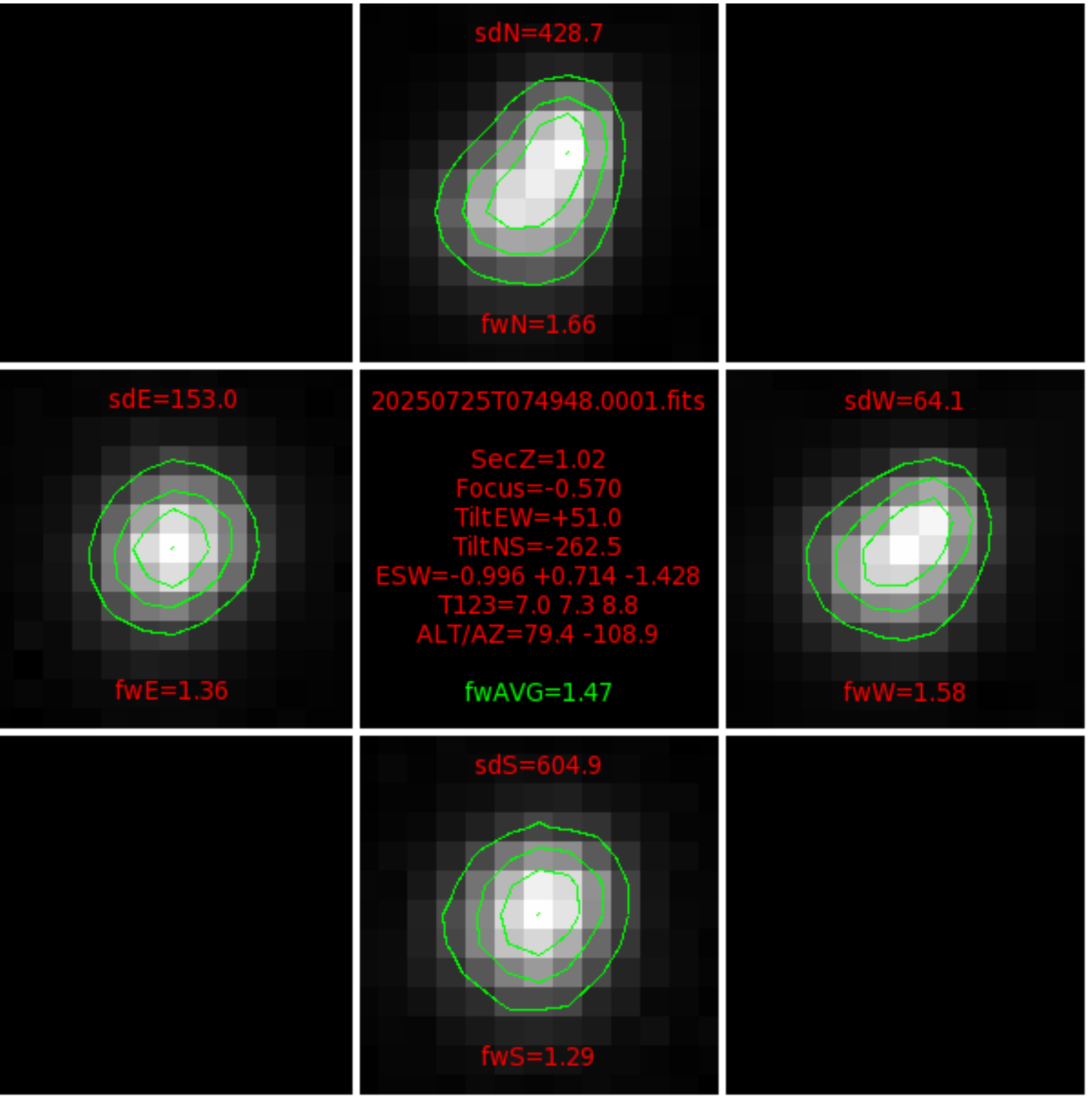

sdN=452.1
fwN=1.79
sdE=172.1
fwE=1.39
20250725T074613.0001.fits
SecZ=1.02
Focus=-0.576
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.002 +0.708 -1.434
T123=6.9 7.3 8.8
ALT/AZ=80.1 -110.8
fwAVG=1.54
sdW=88.3
fwW=1.55
sdS=607.6
fwS=1.42
0 0 0 0 0 0 0 0 0


sdN=428.7
fwN=1.66
sdE=153.0
fwE=1.36
20250725T074948.0001.fits
SecZ=1.02
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.3 8.8
ALT/AZ=79.4 -108.9
fwAVG=1.47
sdW=64.1
fwW=1.58
sdS=604.9
fwS=1.29
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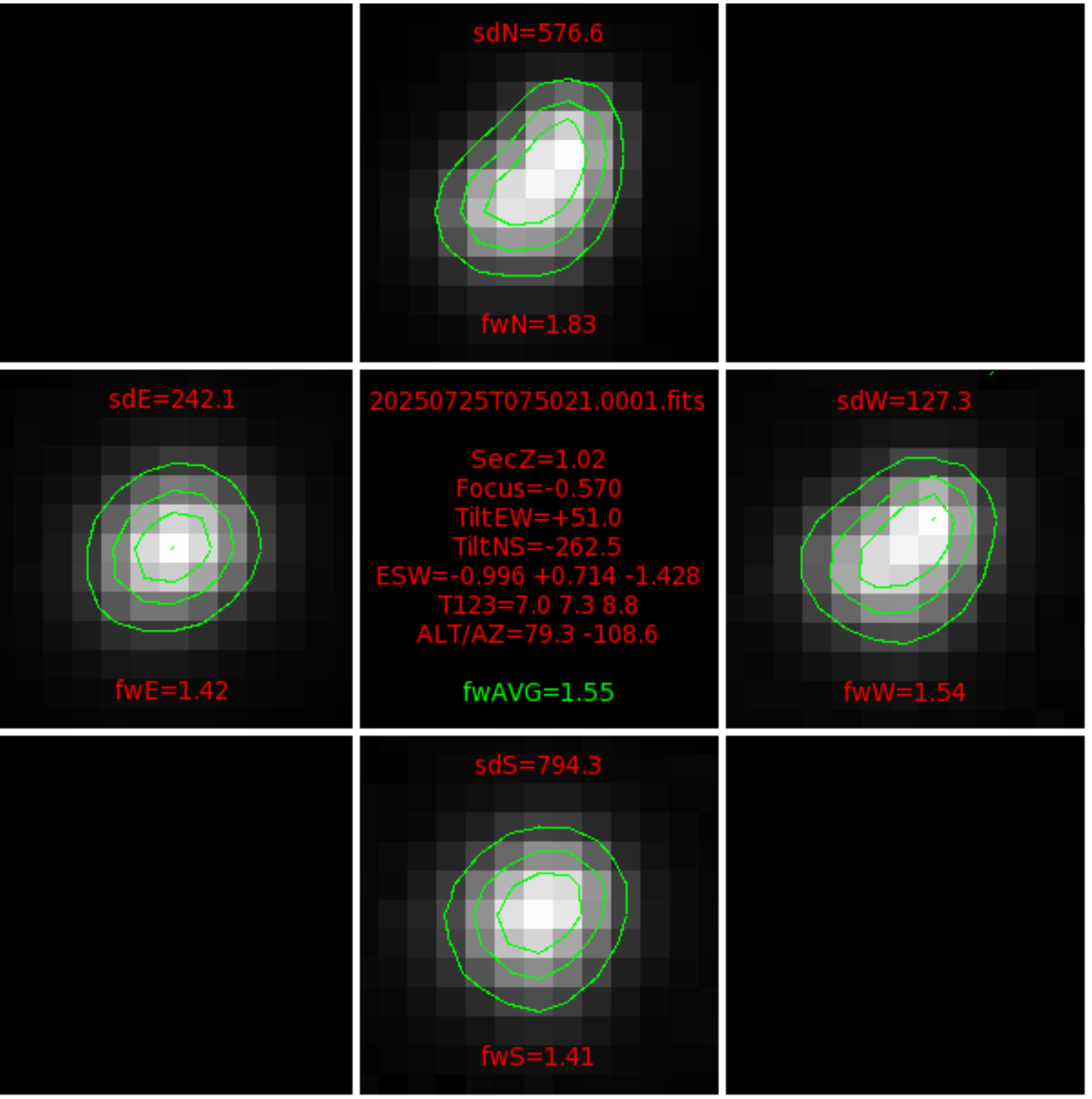
sdN=576.6
fwN=1.83
sdE=242.1
fwE=1.42
20250725T075021.0001.fits
SecZ=1.02
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.3 8.8
ALT/AZ=79.3 -108.6
fwAVG=1.55
sdW=127.3
fwW=1.54
sdS=794.3
fwS=1.41
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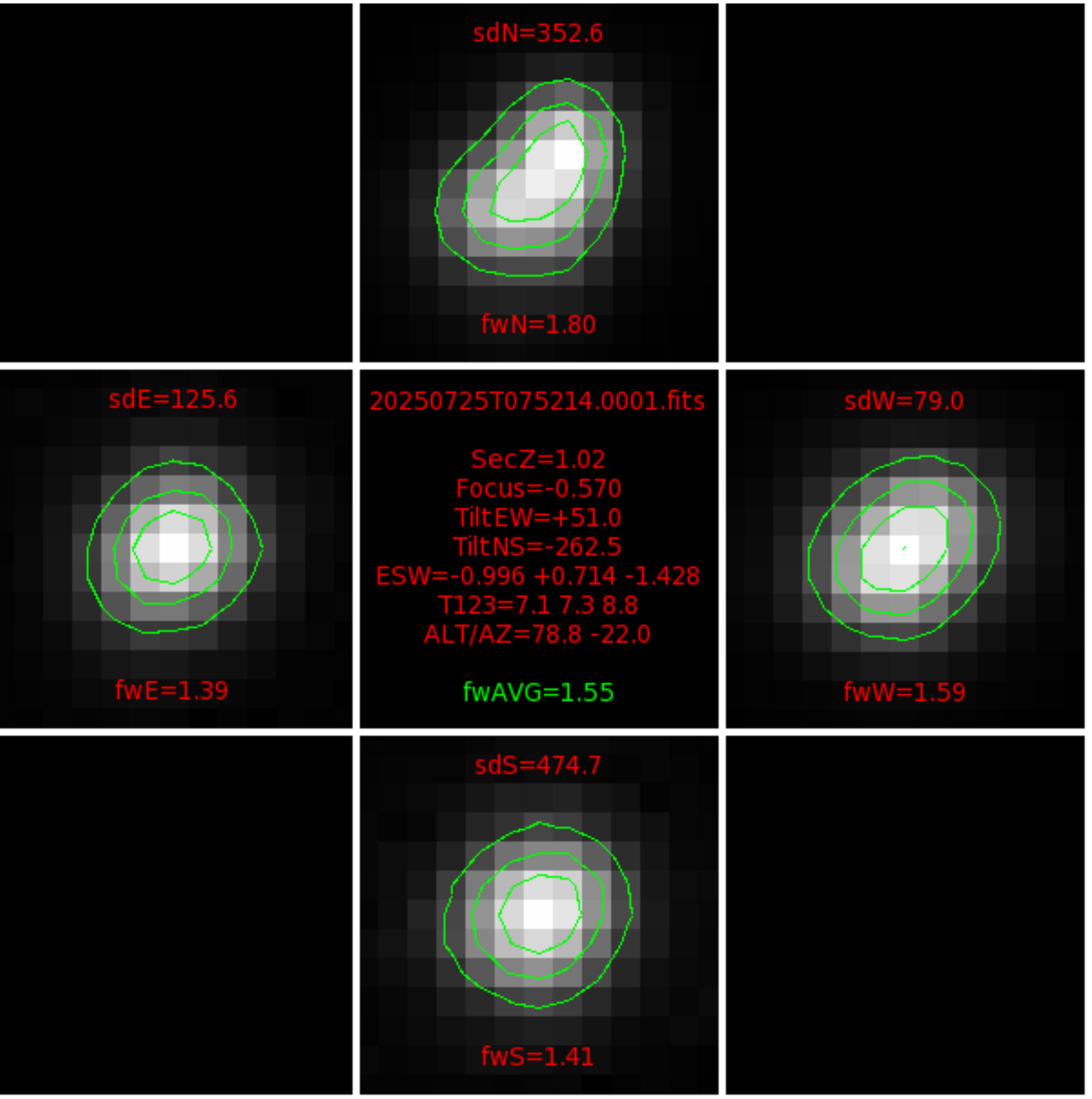
sdN=352.6
fwN=1.80
sdE=125.6
fwE=1.39
20250725T075214.0001.fits
SecZ=1.02
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.1 7.3 8.8
ALT/AZ=78.8 -22.0
fwAVG=1.55
sdW=79.0
fwW=1.59
sdS=474.7
fwS=1.41
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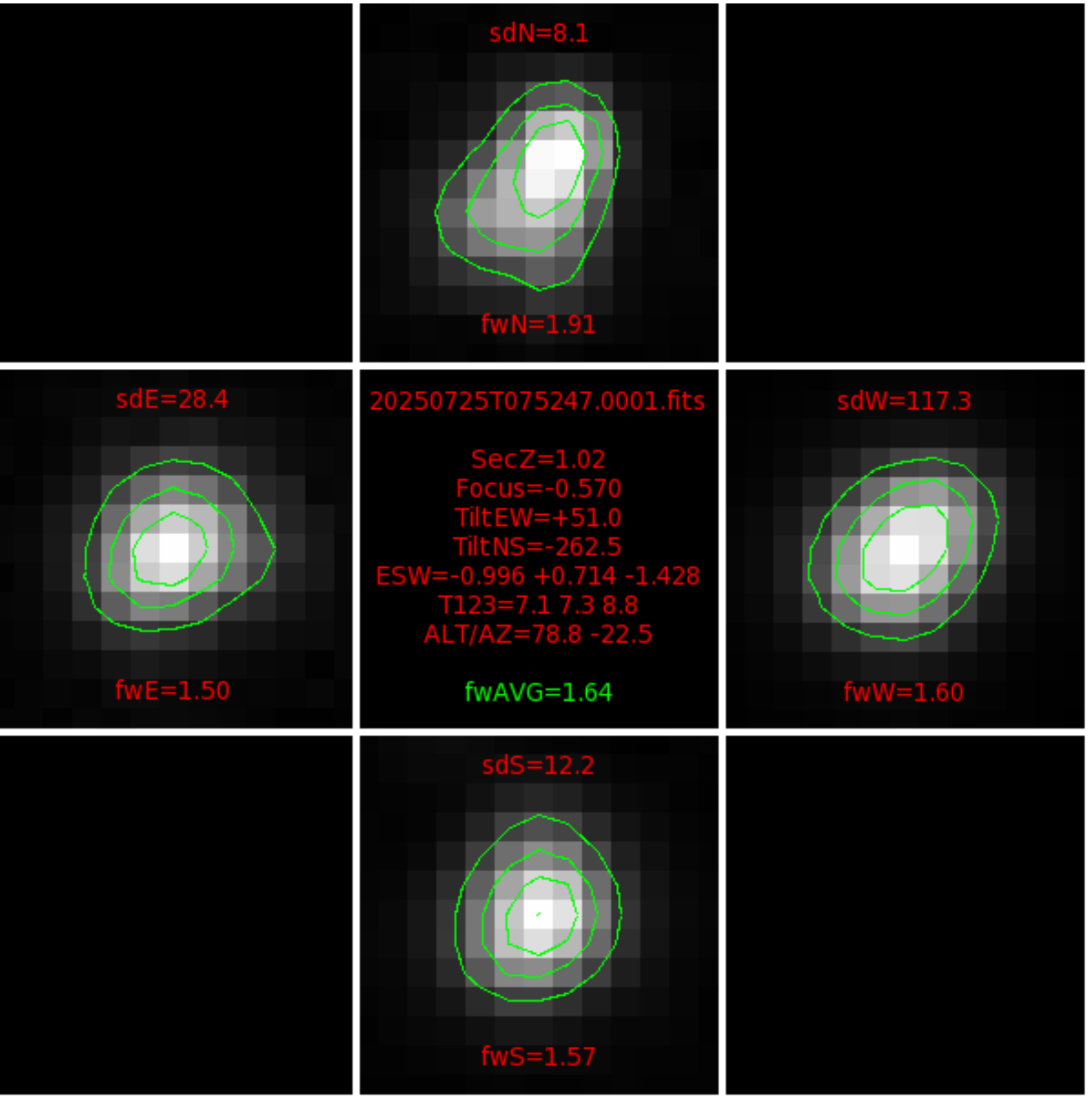
sdN=8.1
fwN=1.91
sdE=28.4
fwE=1.50
20250725T075247.0001.fits
SecZ=1.02
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.1 7.3 8.8
ALT/AZ=78.8 -22.5
fwAVG=1.64
sdW=117.3
fwW=1.60
sdS=12.2
fwS=1.57
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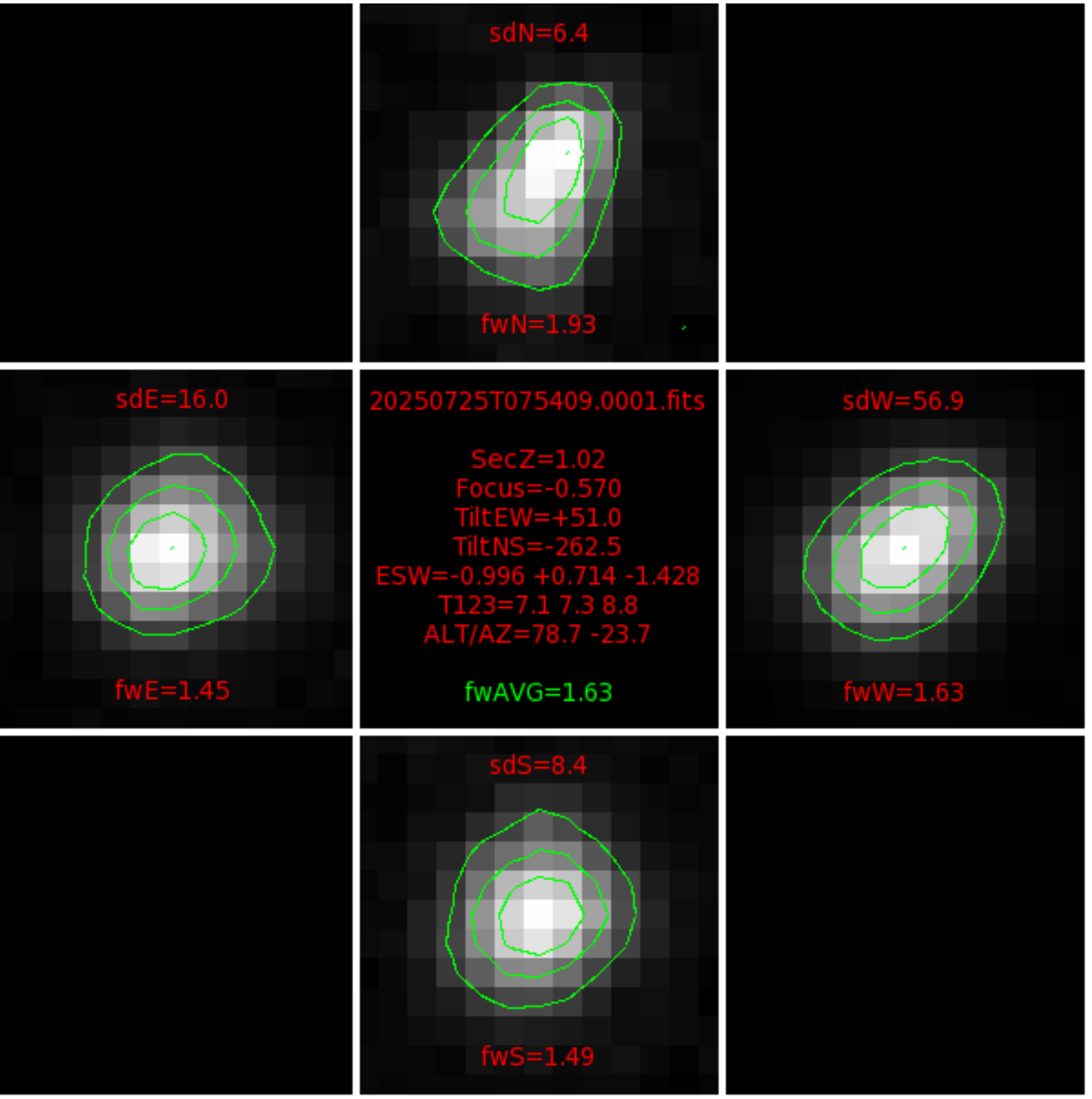
sdN=6.4
fwN=1.93
sdE=16.0
fwE=1.45
20250725T075409.0001.fits
SecZ=1.02
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.1 7.3 8.8
ALT/AZ=78.7 -23.7
fwAVG=1.63
sdW=56.9
fwW=1.63
sdS=8.4
fwS=1.49
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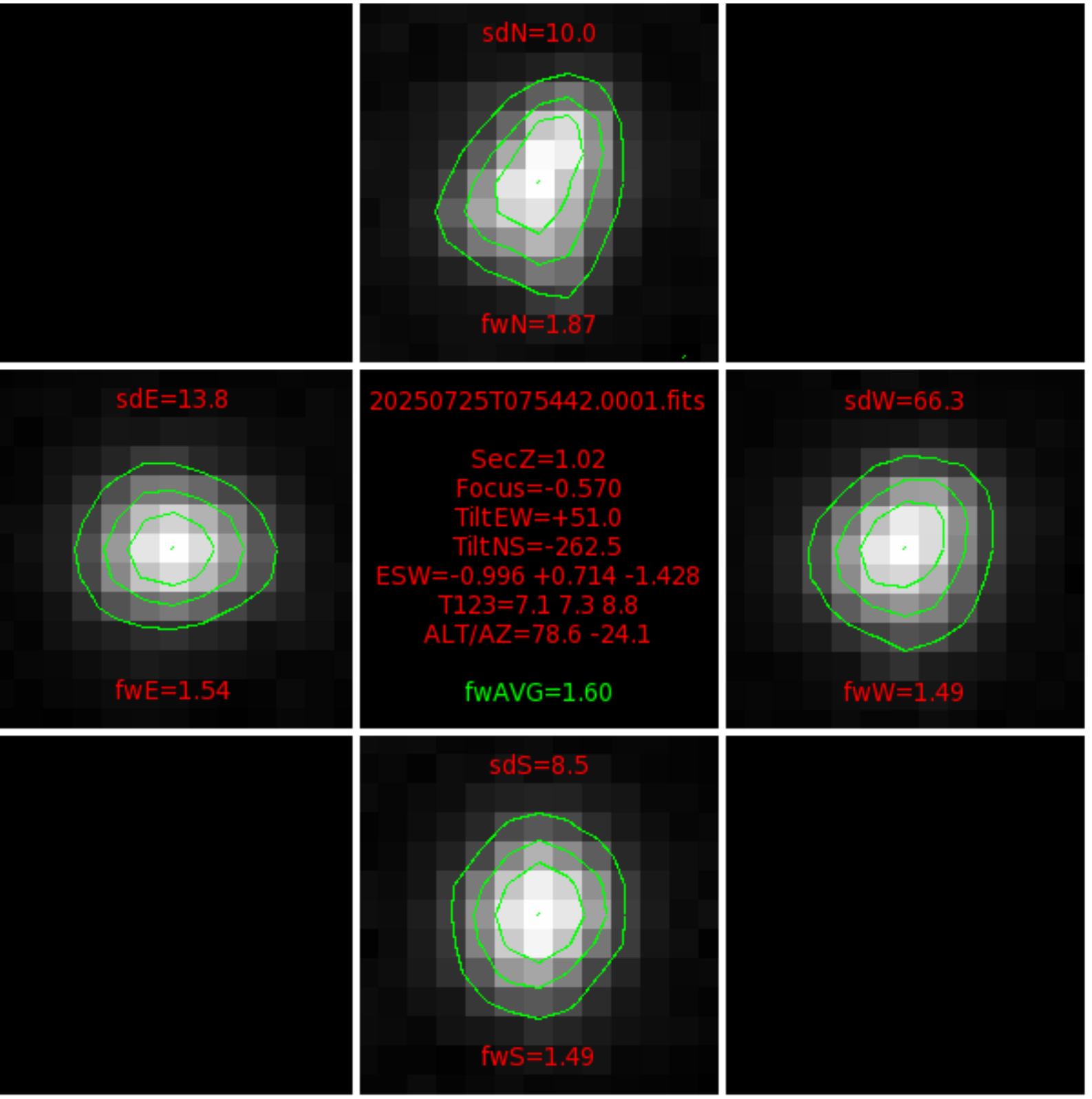
sdN=10.0
fwN=1.87
sdE=13.8
fwE=1.54
20250725T075442.0001.fits
SecZ=1.02
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.1 7.3 8.8
ALT/AZ=78.6 -24.1
fwAVG=1.60
sdW=66.3
fwW=1.49
sdS=8.5
fwS=1.49
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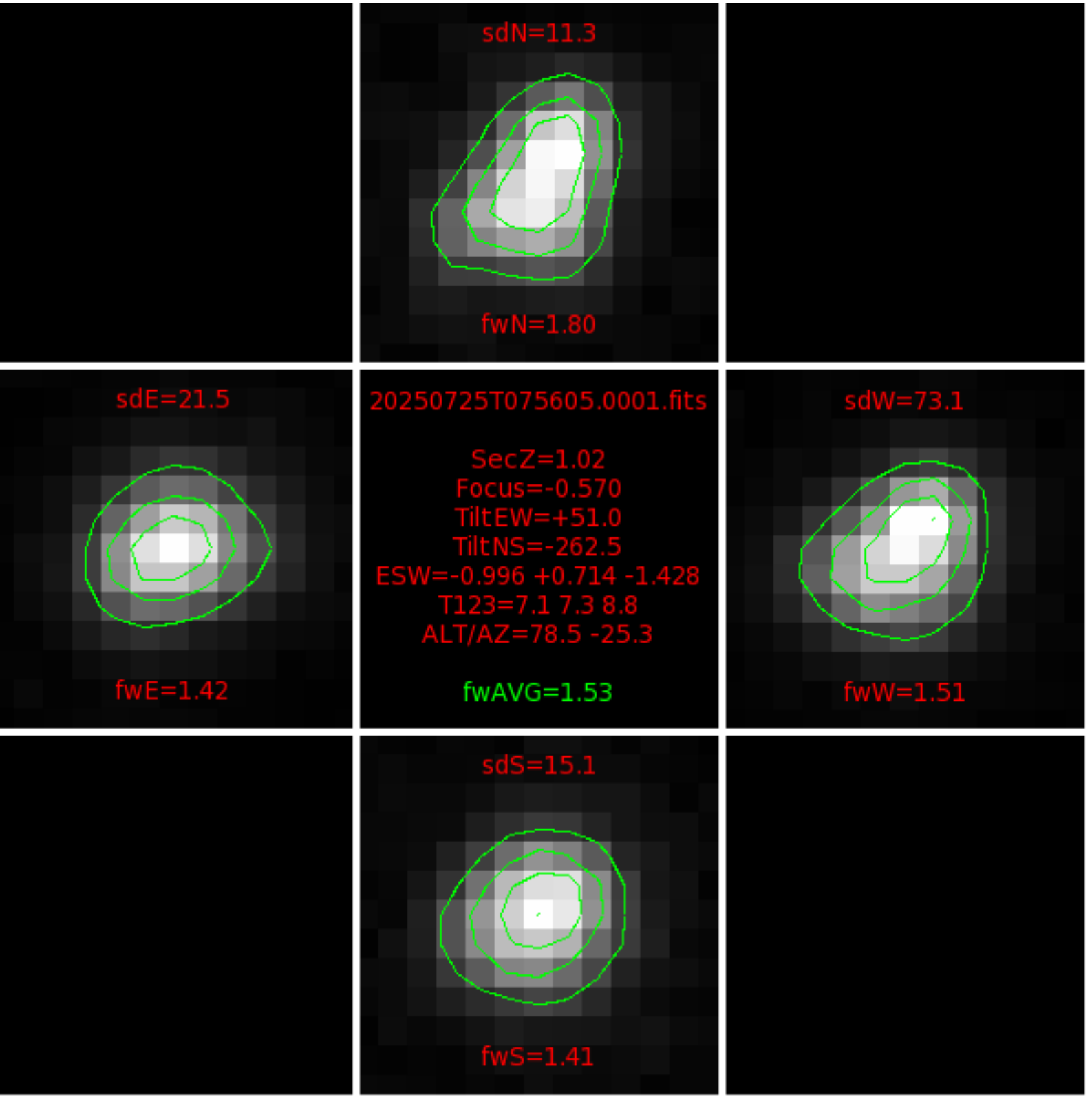
sdN=11.3
fwN=1.80
sdE=21.5
fwE=1.42
20250725T075605.0001.fits
SecZ=1.02
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.1 7.3 8.8
ALT/AZ=78.5 -25.3
fwAVG=1.53
sdW=73.1
fwW=1.51
sdS=15.1
fwS=1.41
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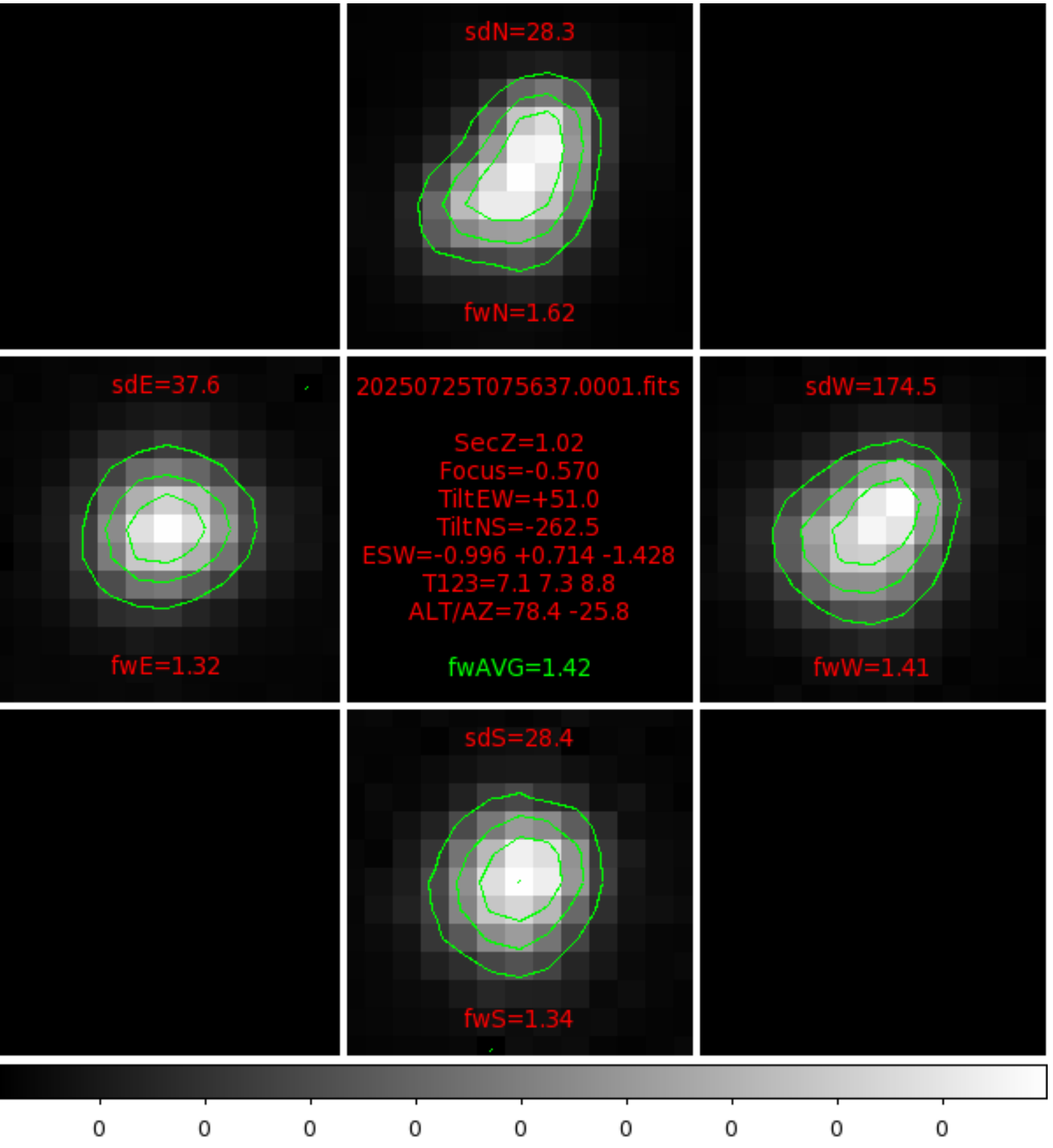
sdN=28.3
fwN=1.62
sdE=37.6
fwE=1.32
20250725T075637.0001.fits
SecZ=1.02
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.1 7.3 8.8
ALT/AZ=78.4 -25.8
fwAVG=1.42
sdW=174.5
fwW=1.41
sdS=28.4
fwS=1.34
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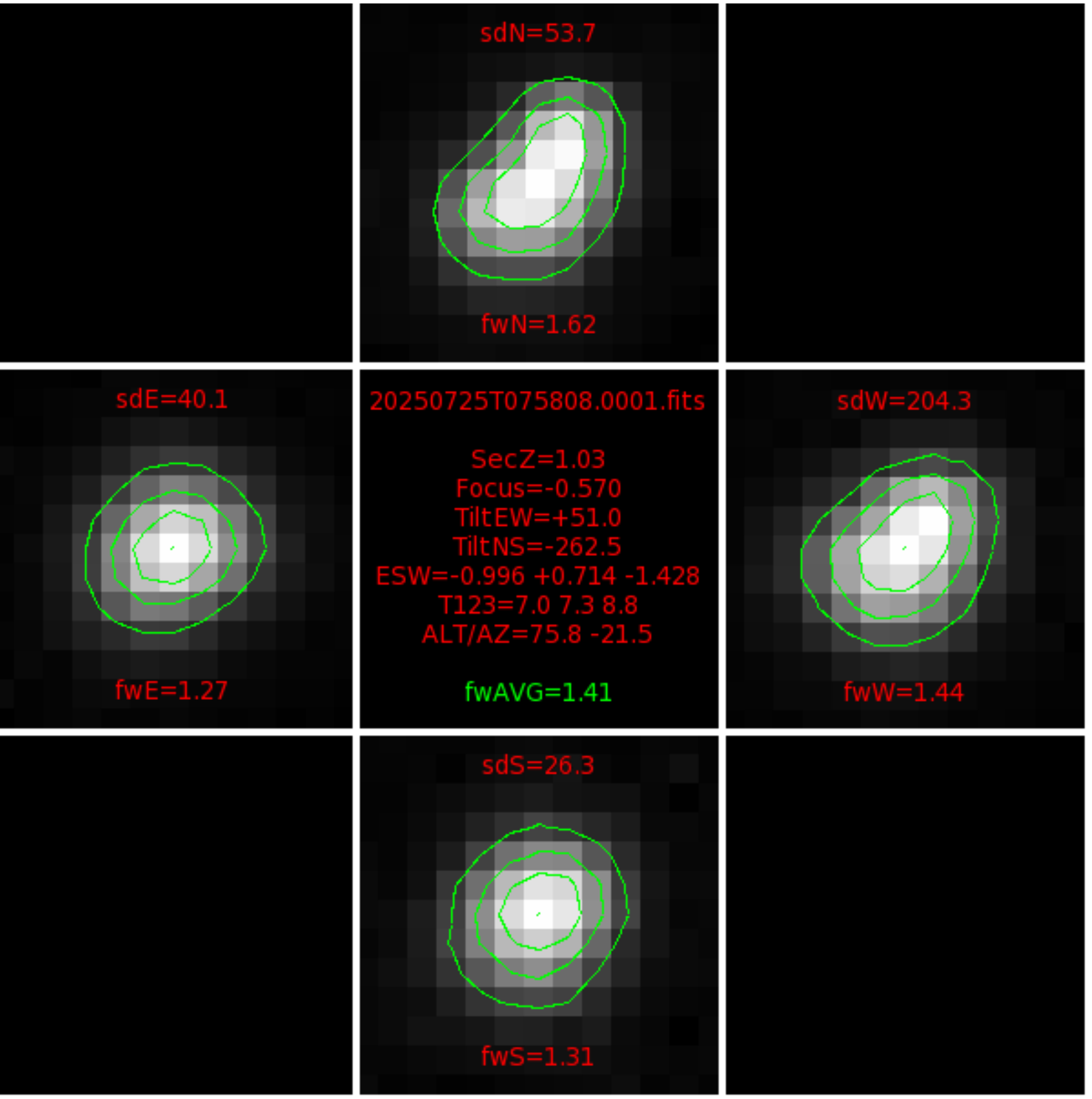
sdN=53.7
fwN=1.62
sdE=40.1
fwE=1.27
20250725T075808.0001.fits
SecZ=1.03
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.3 8.8
ALT/AZ=75.8 -21.5
fwAVG=1.41
sdW=204.3
fwW=1.44
sdS=26.3
fwS=1.31
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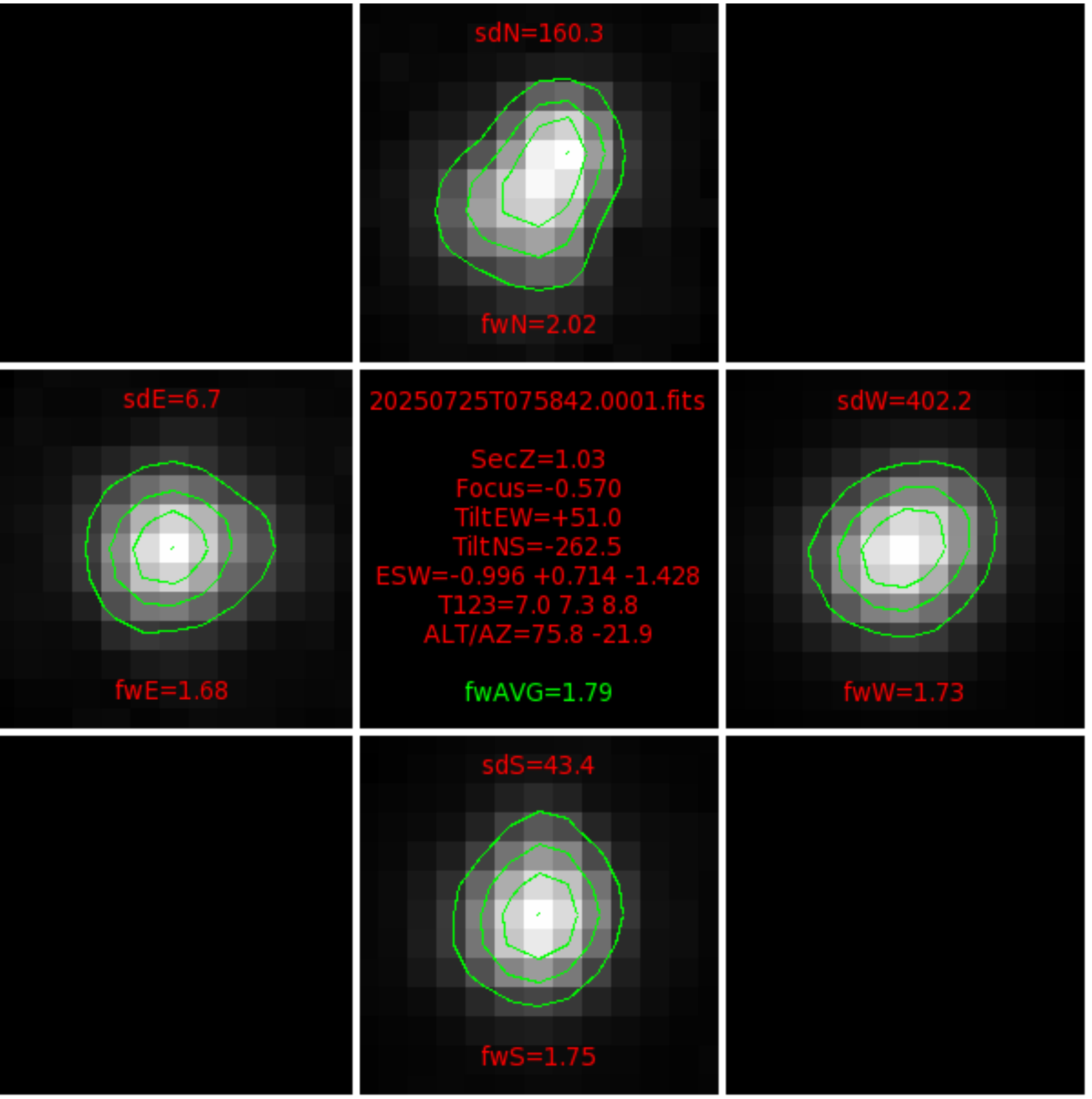
sdN=160.3
fwN=2.02
sdE=6.7
fwE=1.68
20250725T075842.0001.fits
SecZ=1.03
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.3 8.8
ALT/AZ=75.8 -21.9
fwAVG=1.79
sdW=402.2
fwW=1.73
sdS=43.4
fwS=1.75
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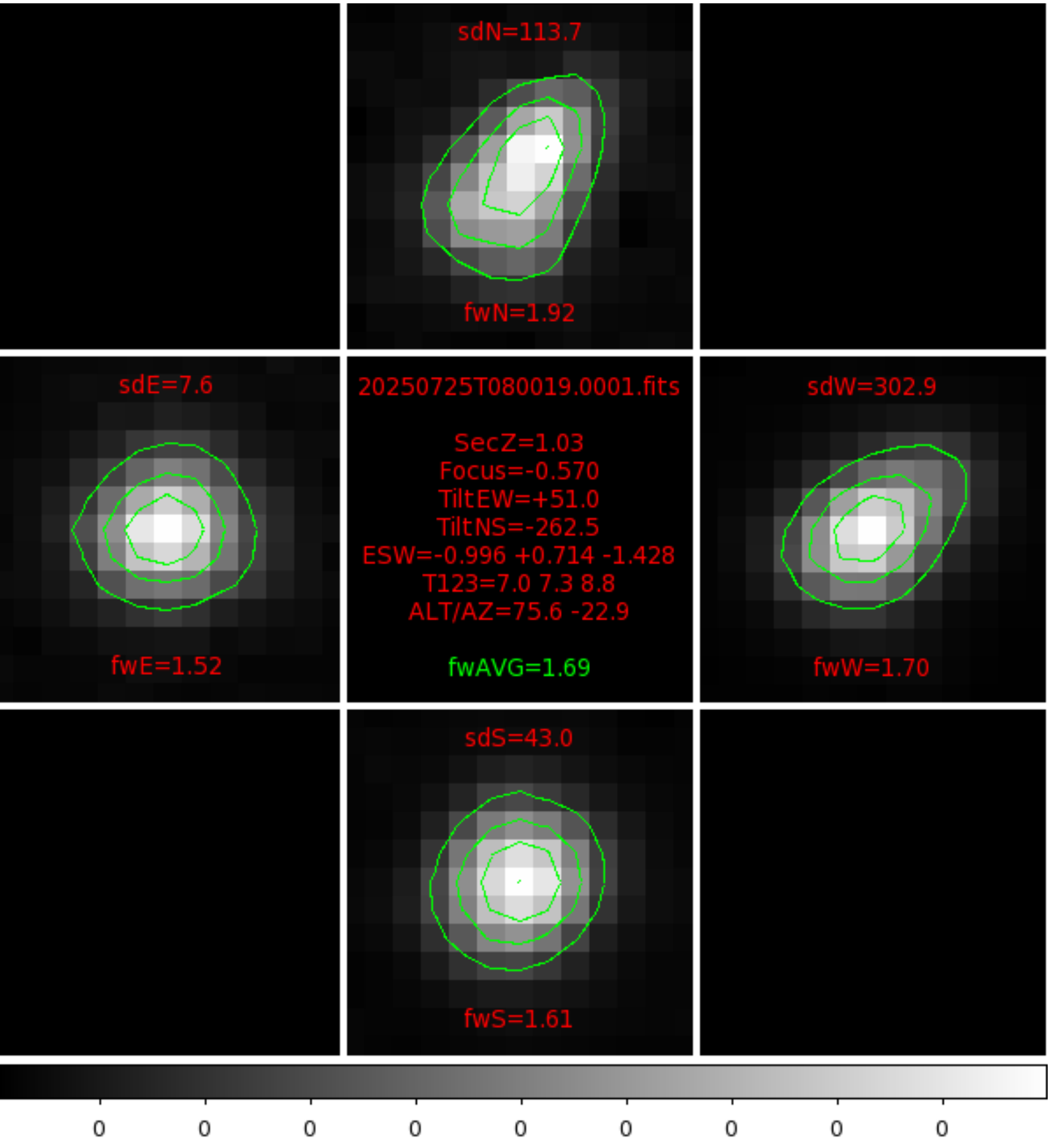
sdN=113.7
fwN=1.92
sdE=7.6
fwE=1.52
20250725T080019.0001.fits
SecZ=1.03
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.3 8.8
ALT/AZ=75.6 -22.9
fwAVG=1.69
sdW=302.9
fwW=1.70
sdS=43.0
fwS=1.61
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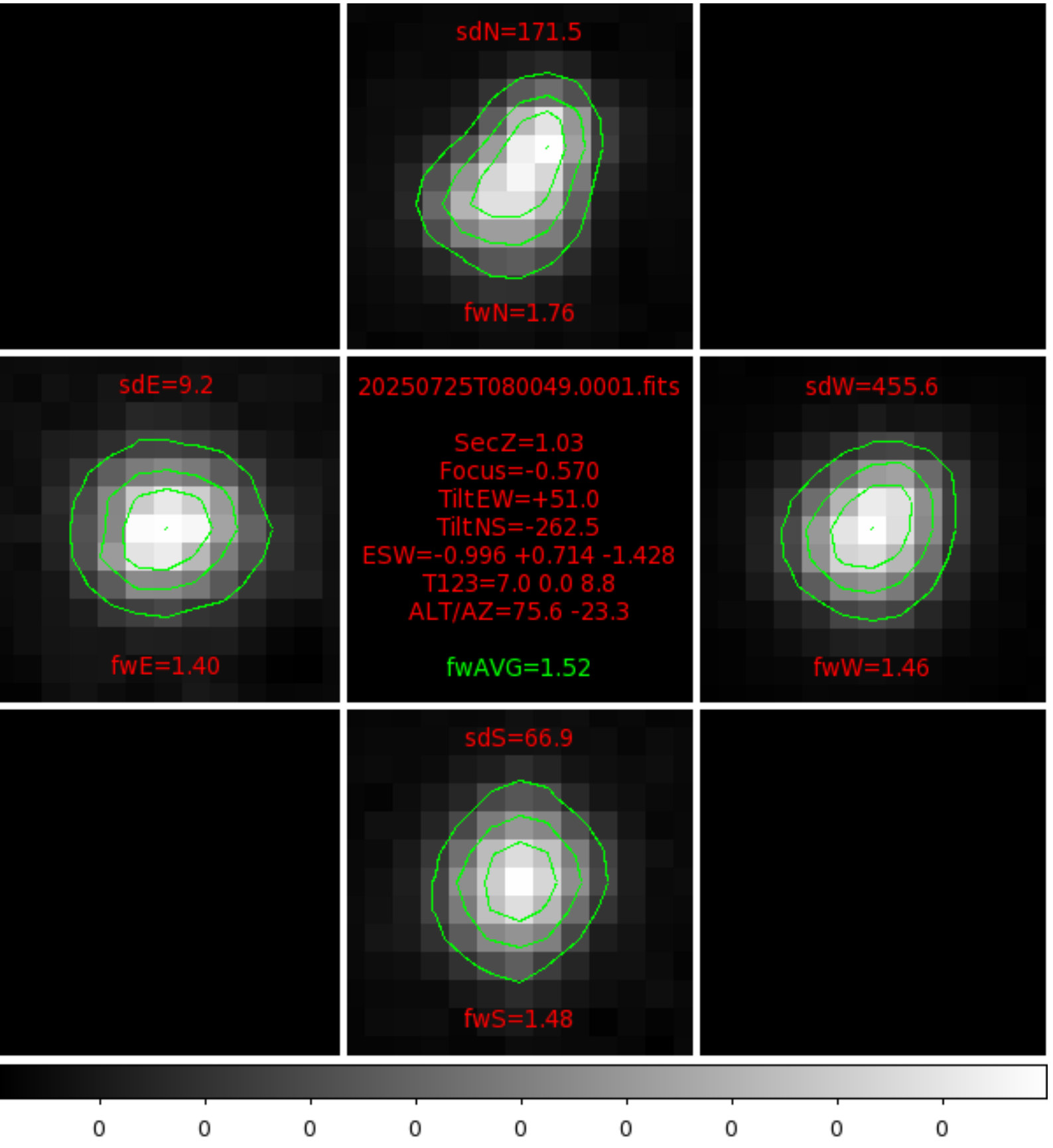
sdN=171.5
fwN=1.76
sdE=9.2
fwE=1.40
20250725T080049.0001.fits
SecZ=1.03
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 0.0 8.8
ALT/AZ=75.6 -23.3
fwAVG=1.52
sdW=455.6
fwW=1.46
sdS=66.9
fwS=1.48
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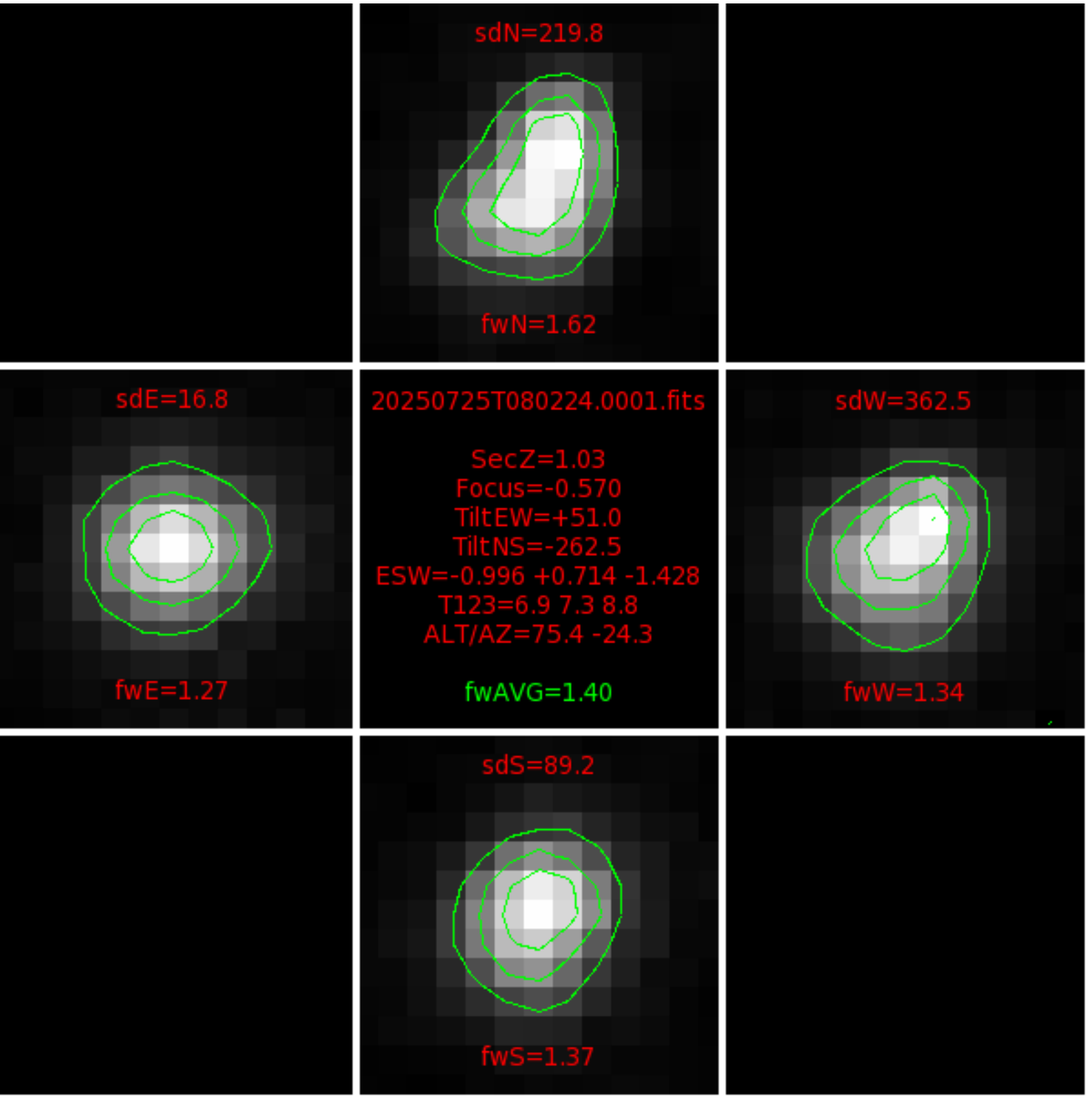
sdN=219.8
fwN=1.62
sdE=16.8
fwE=1.27
20250725T080224.0001.fits
SecZ=1.03
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.3 8.8
ALT/AZ=75.4 -24.3
fwAVG=1.40
sdW=362.5
fwW=1.34
sdS=89.2
fwS=1.37
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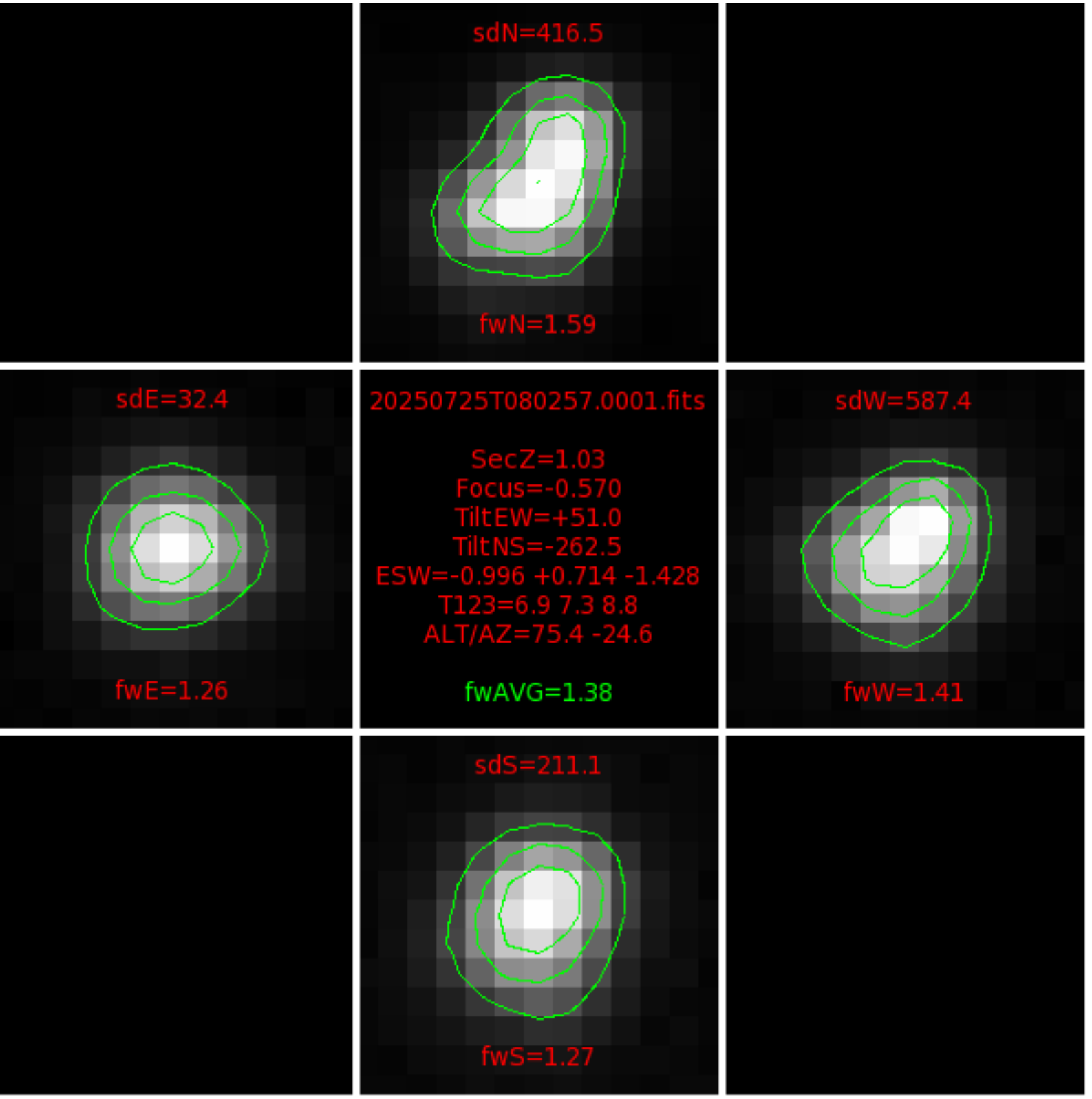
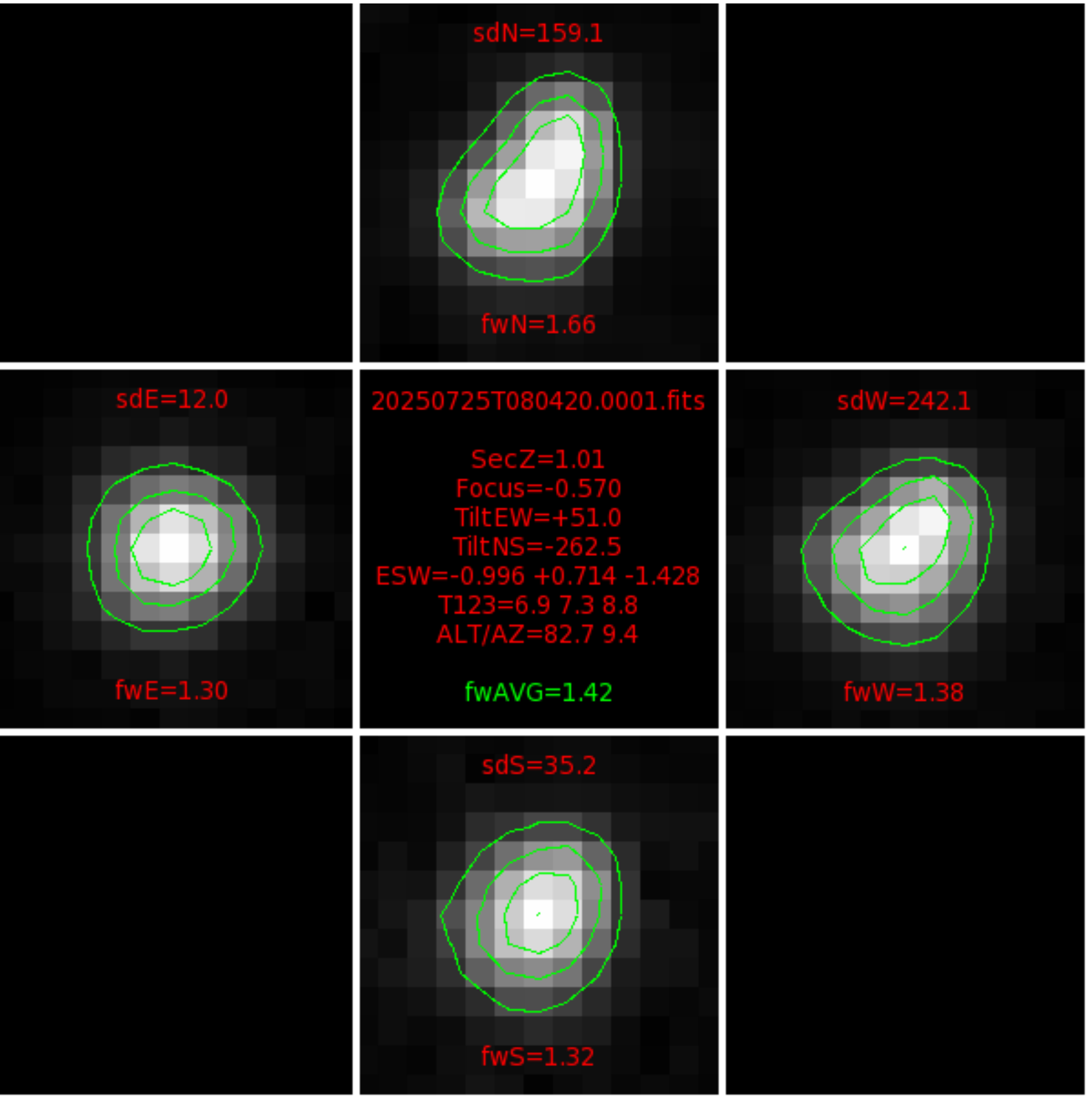
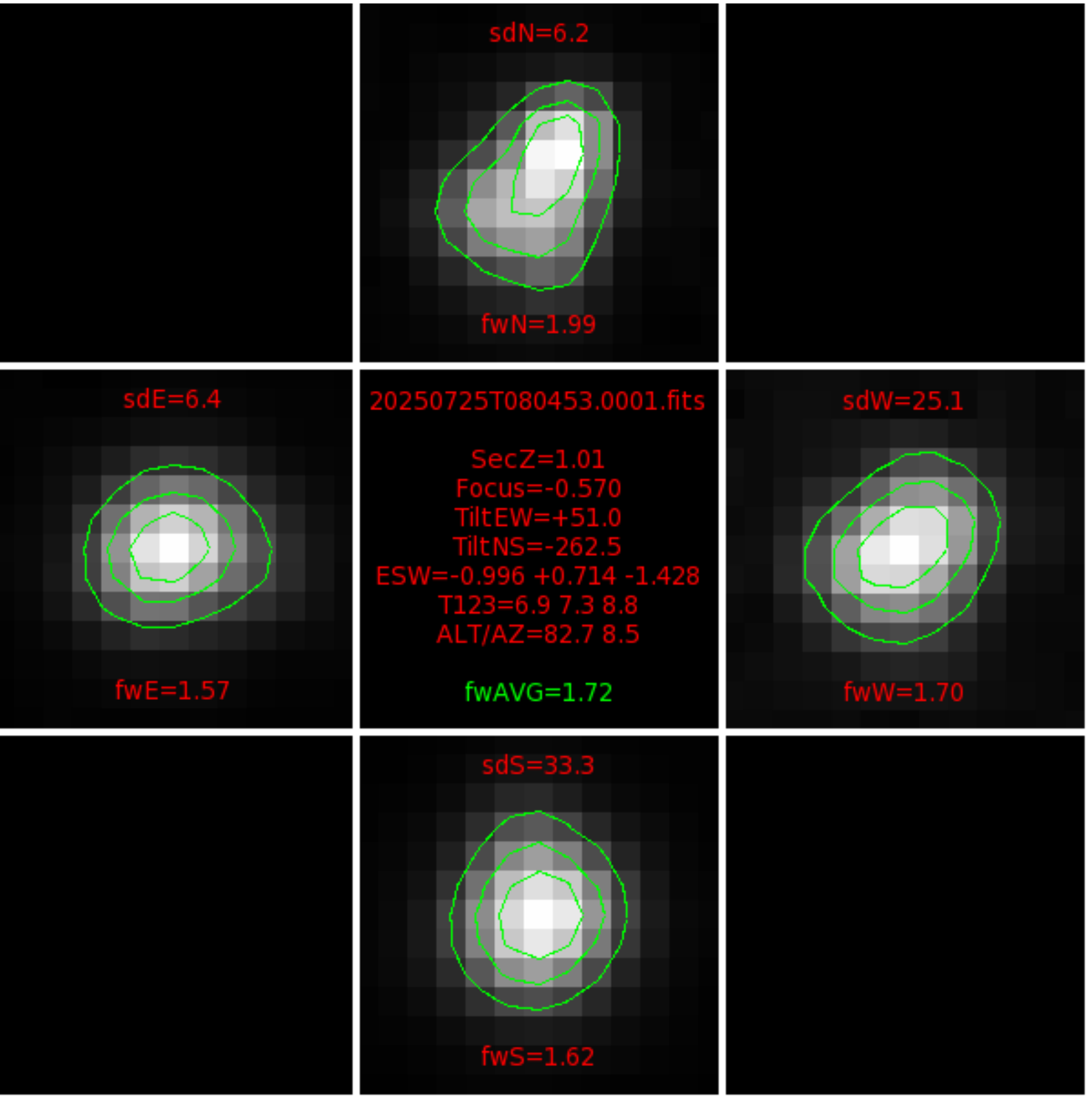
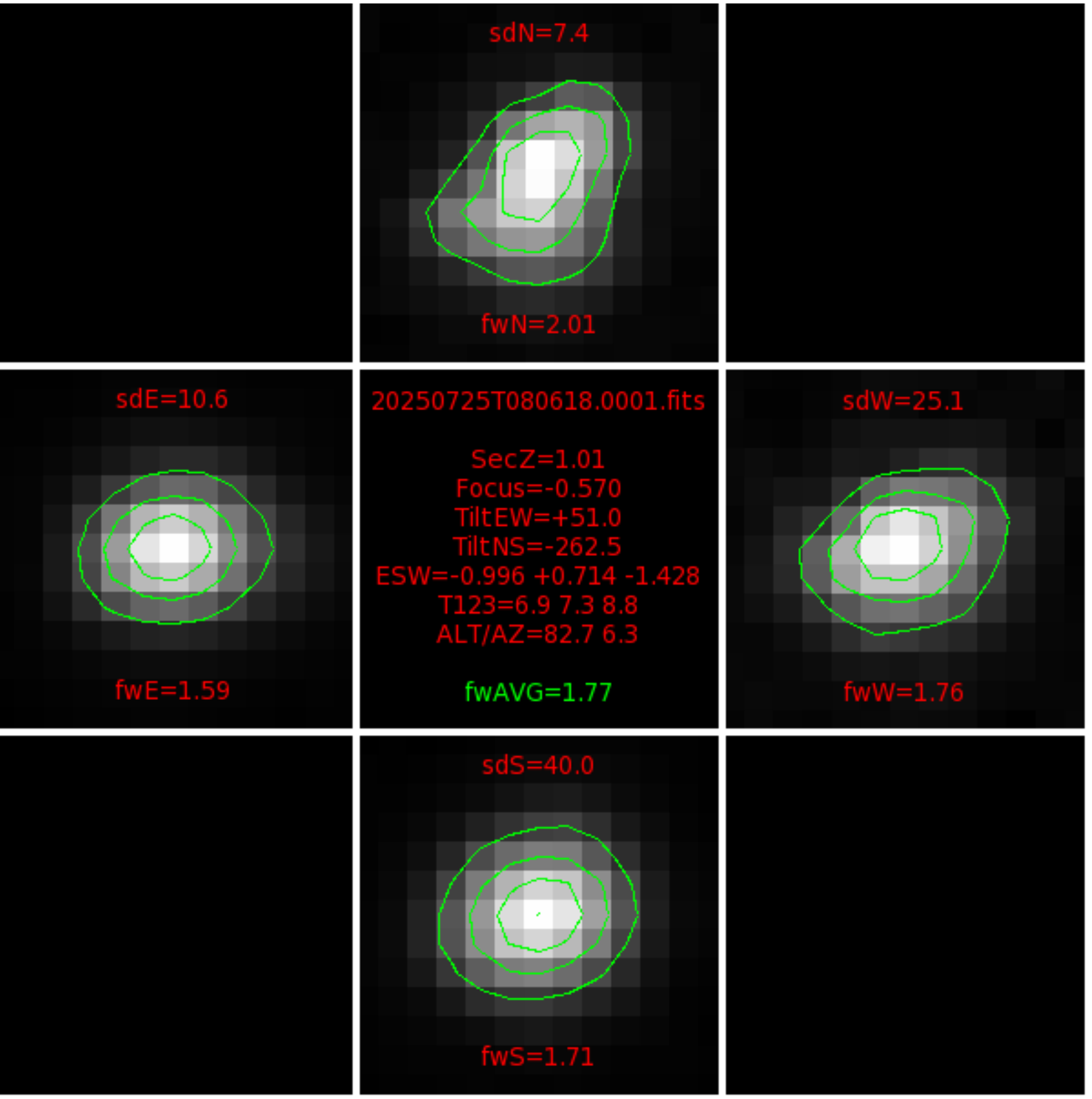
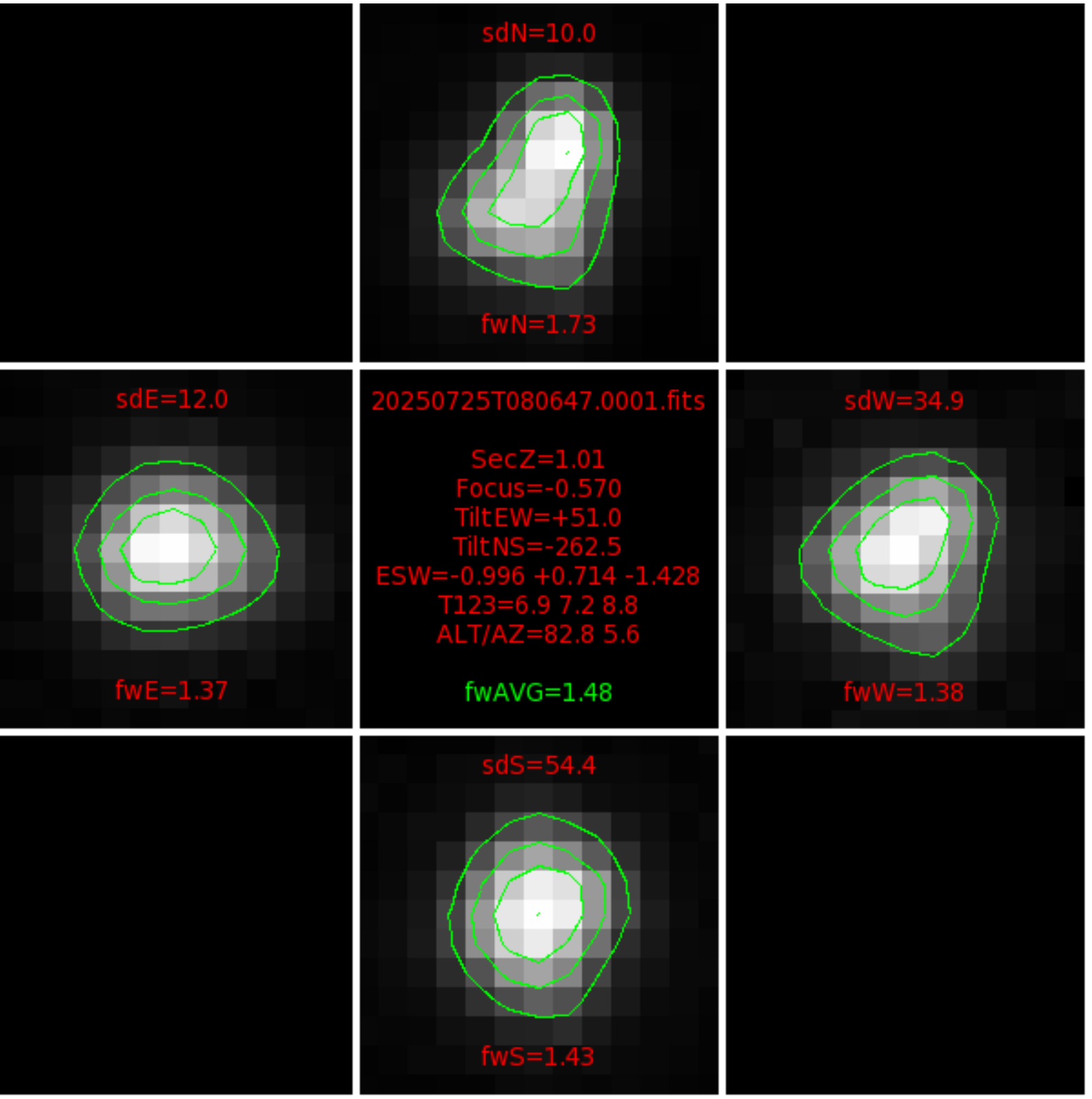
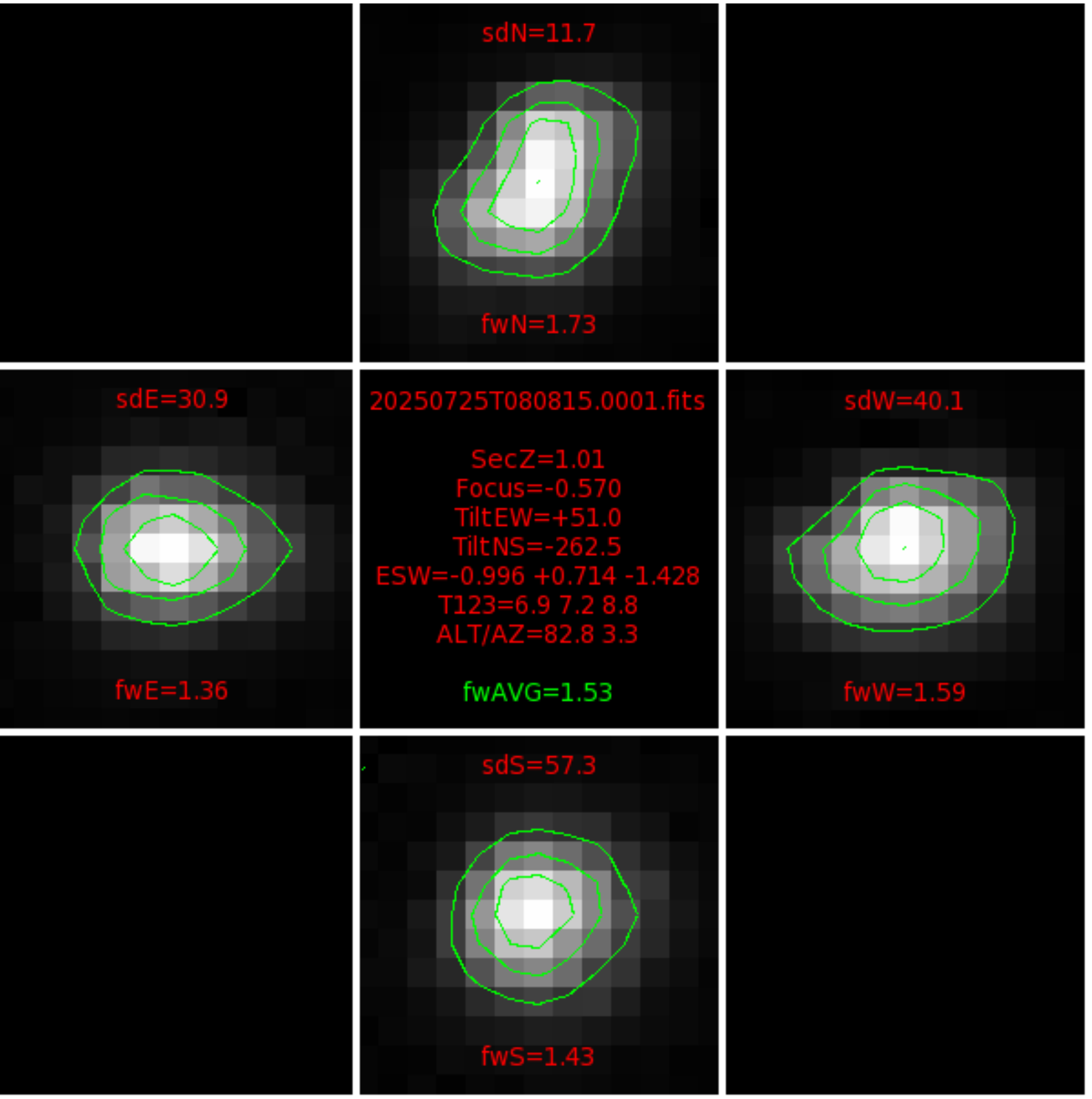

sdN=416.5
fwN=1.59
sdE=32.4
fwE=1.26
20250725T080257.0001.fits
SecZ=1.03
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.3 8.8
ALT/AZ=75.4 -24.6
fwAVG=1.38
sdW=587.4
fwW=1.41
sdS=211.1
fwS=1.27
0 0 0 0 0 0 0 0 0

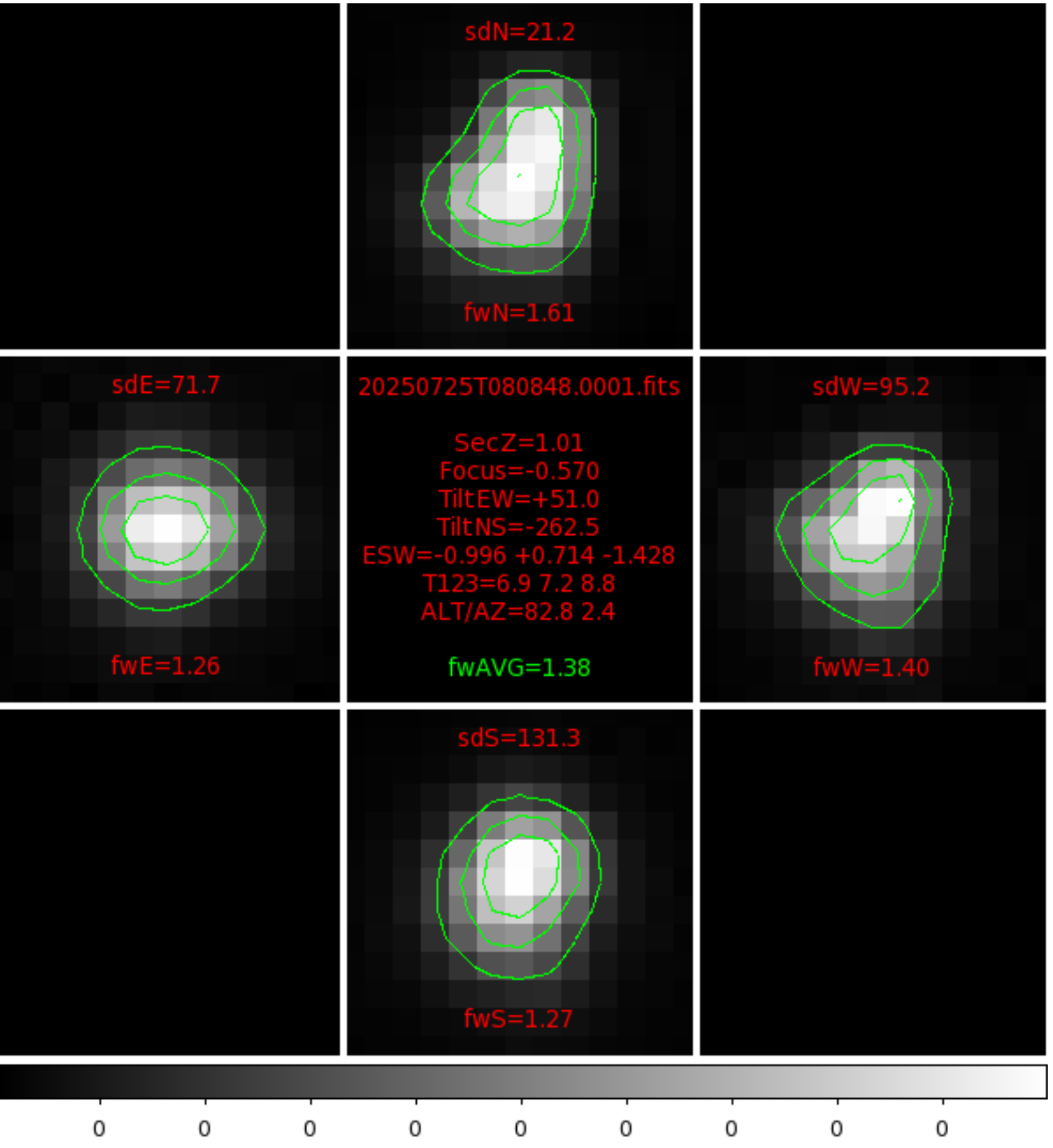

sdN=159.1
fwN=1.66
sdE=12.0
fwE=1.30
20250725T080420.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.3 8.8
ALT/AZ=82.7 9.4
fwAVG=1.42
sdW=242.1
fwW=1.38
sdS=35.2
fwS=1.32
0 0 0 0 0 0 0 0 0

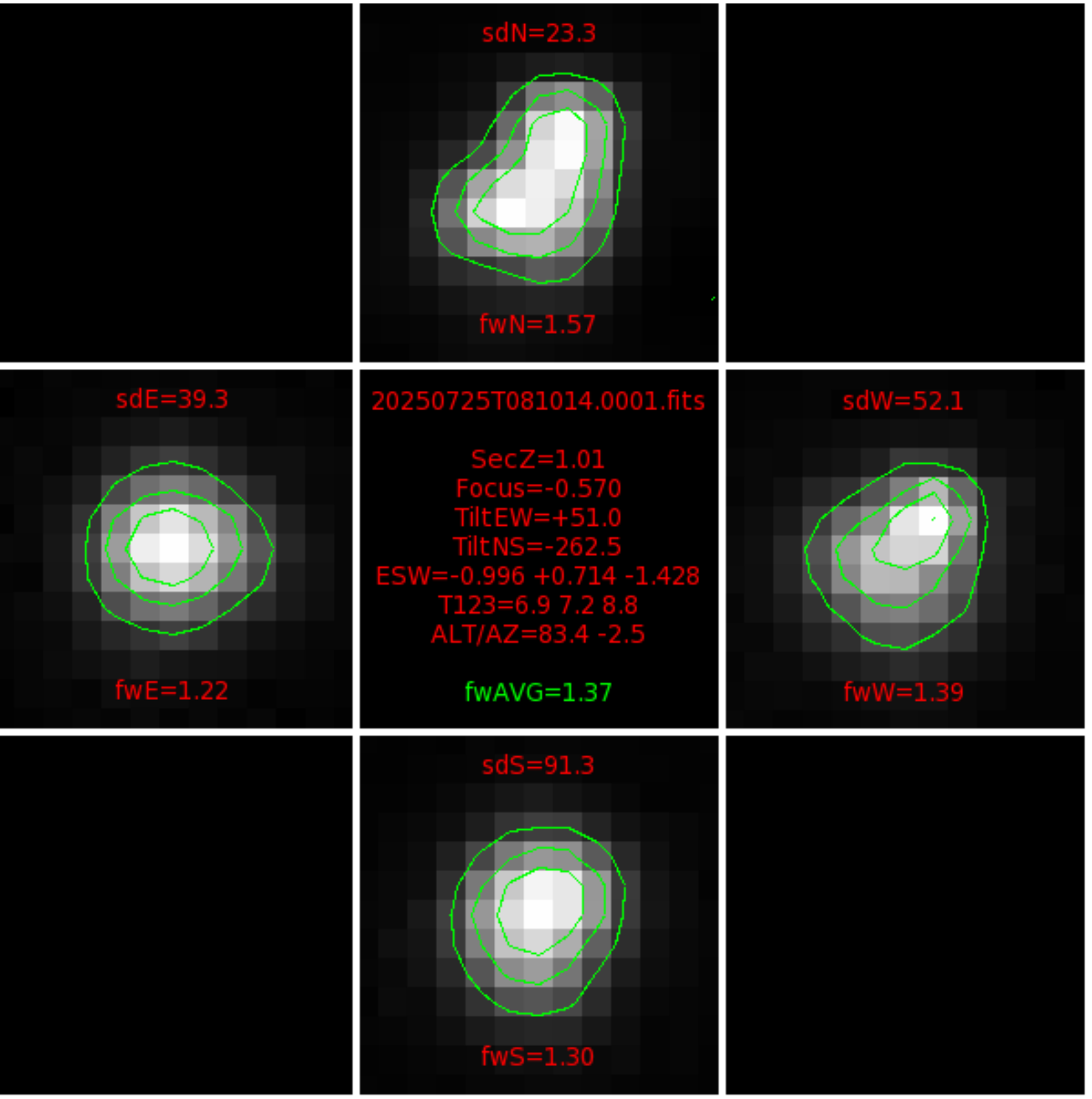

sdN=6.2
fwN=1.99
sdE=6.4
fwE=1.57
20250725T080453.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.3 8.8
ALT/AZ=82.7 8.5
fwAVG=1.72
sdW=25.1
fwW=1.70
sdS=33.3
fwS=1.62
0 0 0 0 0 0 0 0 0

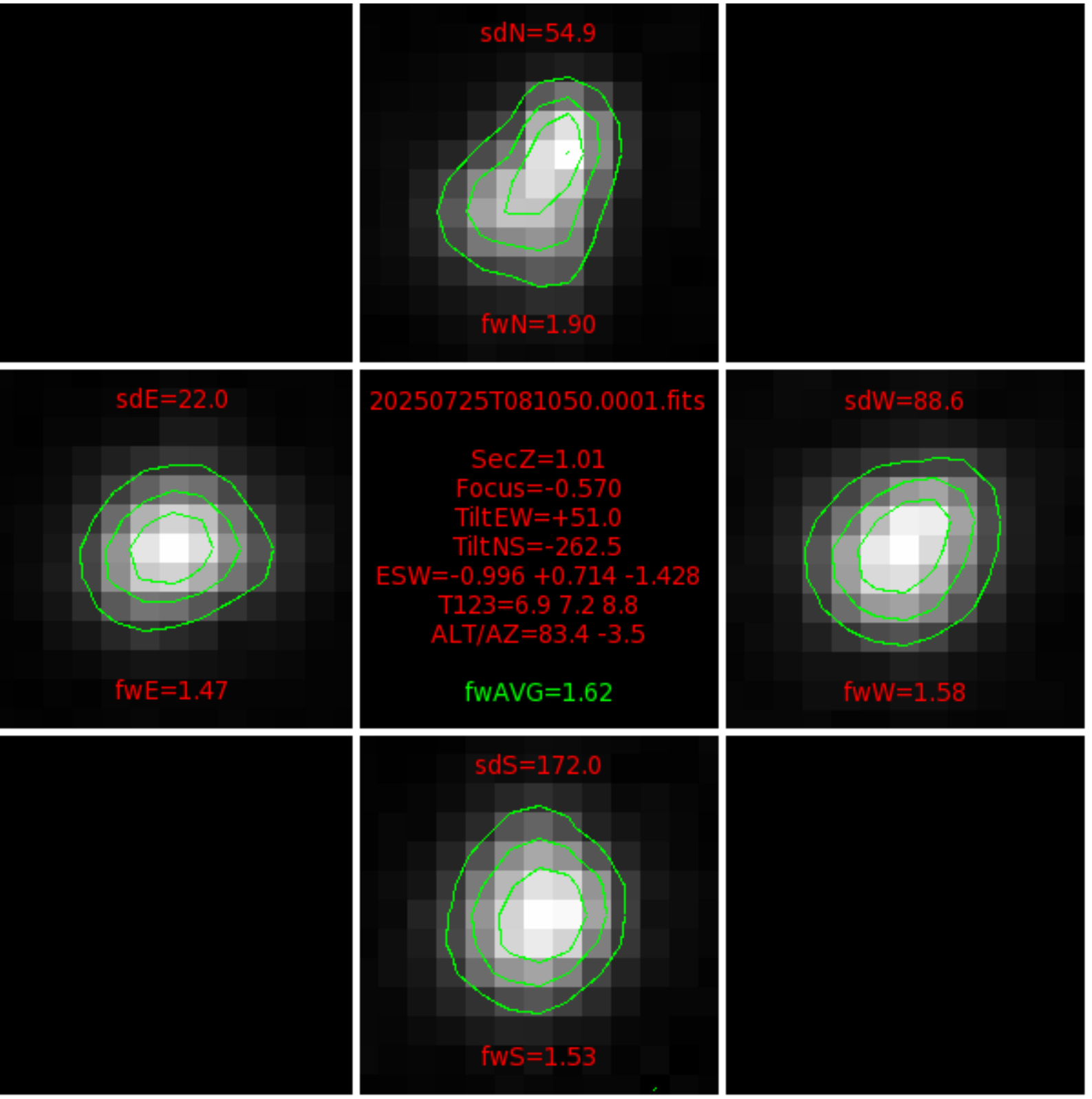

sdN=7.4
fwN=2.01
sdE=10.6
fwE=1.59
20250725T080618.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.3 8.8
ALT/AZ=82.7 6.3
fwAVG=1.77
sdW=25.1
fwW=1.76
sdS=40.0
fwS=1.71
0 0 0 0 0 0 0 0 0

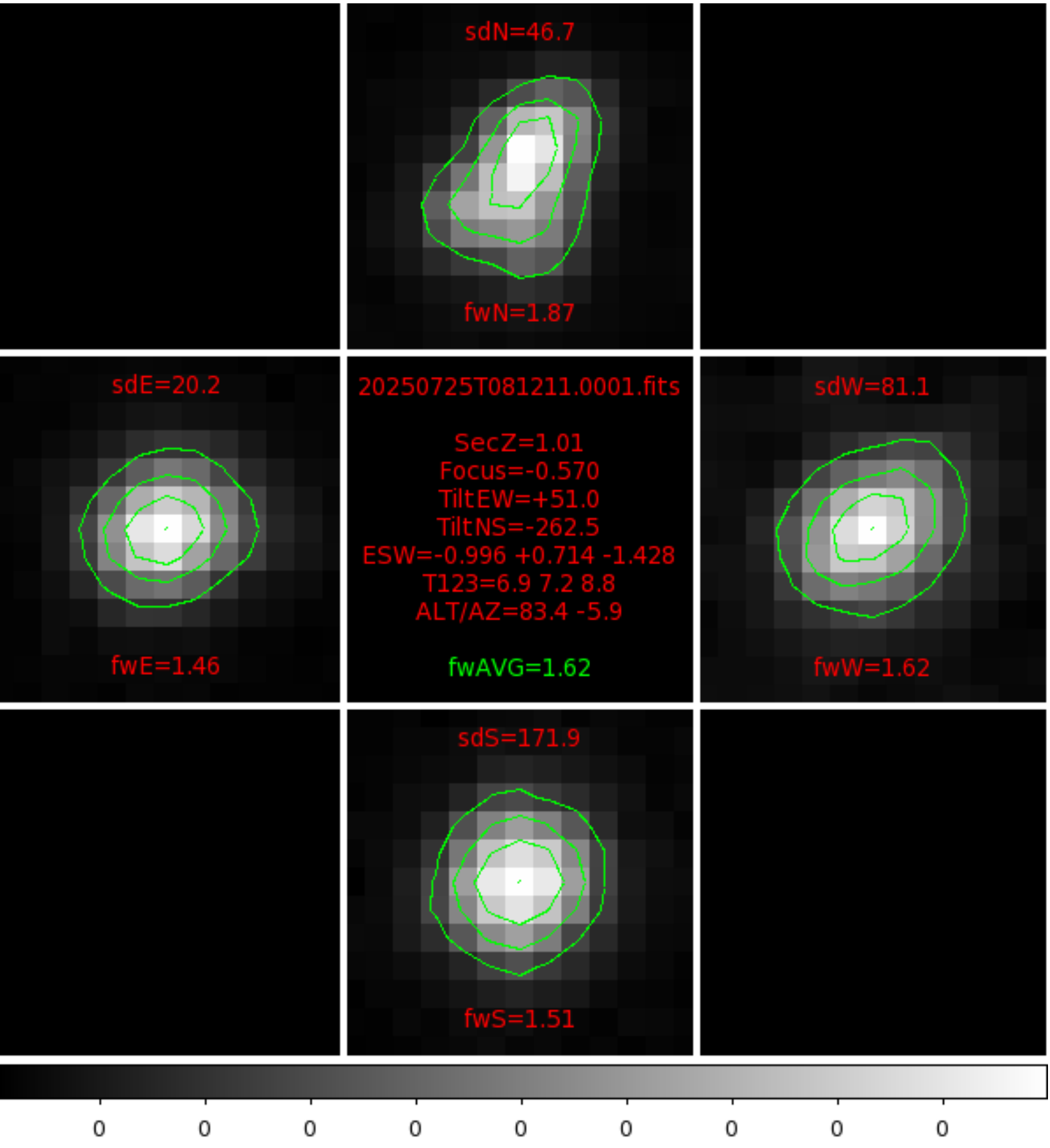

sdN=10.0
fwN=1.73
sdE=12.0
fwE=1.37
20250725T080647.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.2 8.8
ALT/AZ=82.8 5.6
fwAVG=1.48
sdW=34.9
fwW=1.38
sdS=54.4
fwS=1.43
0 0 0 0 0 0 0 0 0

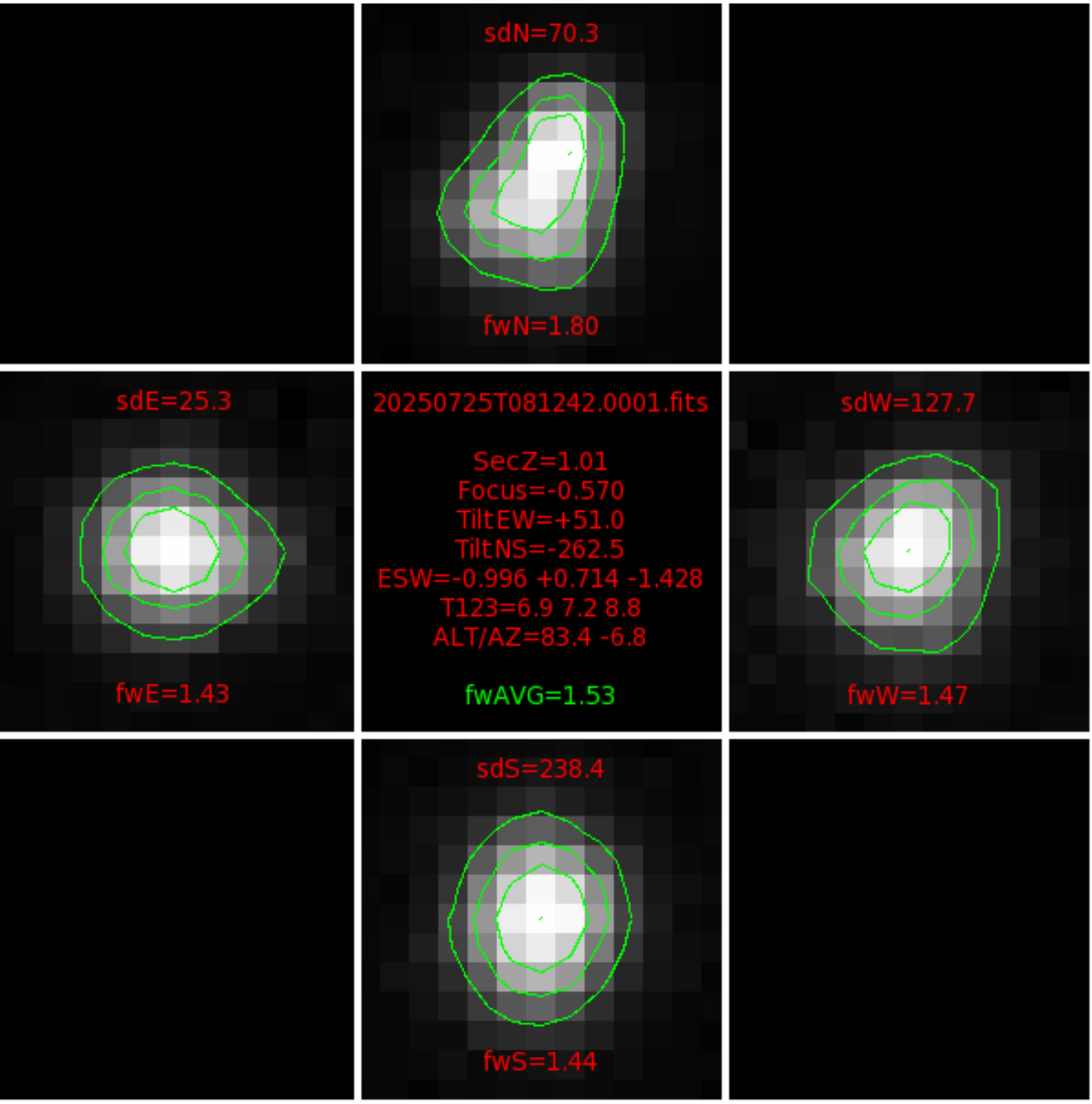

sdN=11.7
fwN=1.73
sdE=30.9
fwE=1.36
20250725T080815.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.2 8.8
ALT/AZ=82.8 3.3
fwAVG=1.53
sdW=40.1
fwW=1.59
sdS=57.3
fwS=1.43
0 0 0 0 0 0 0 0 0

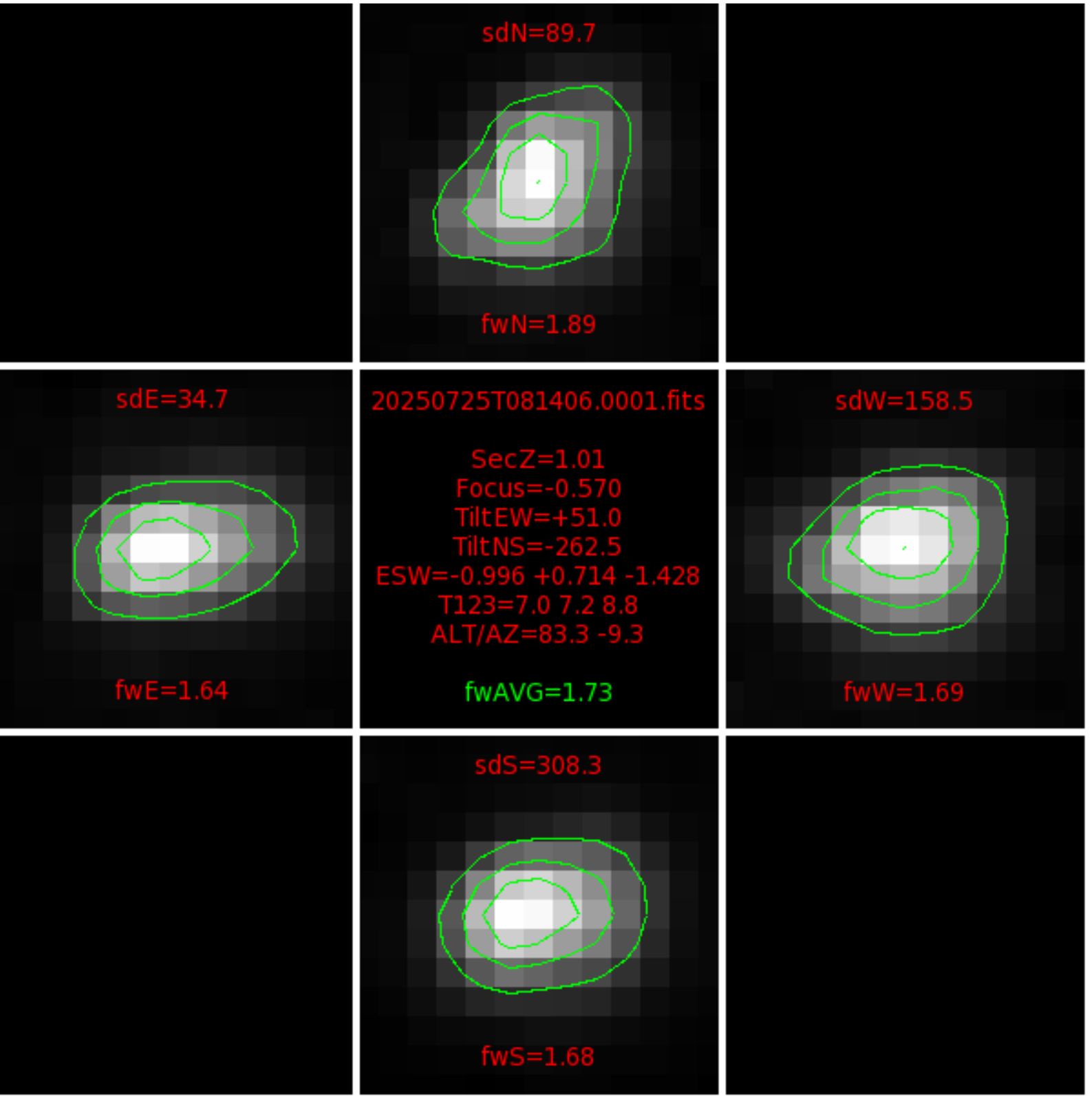

sdN=21.2
fwN=1.61
sdE=71.7
fwE=1.26
20250725T080848.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.2 8.8
ALT/AZ=82.8 2.4
fwAVG=1.38
sdW=95.2
fwW=1.40
sdS=131.3
fwS=1.27
0 0 0 0 0 0 0 0 0

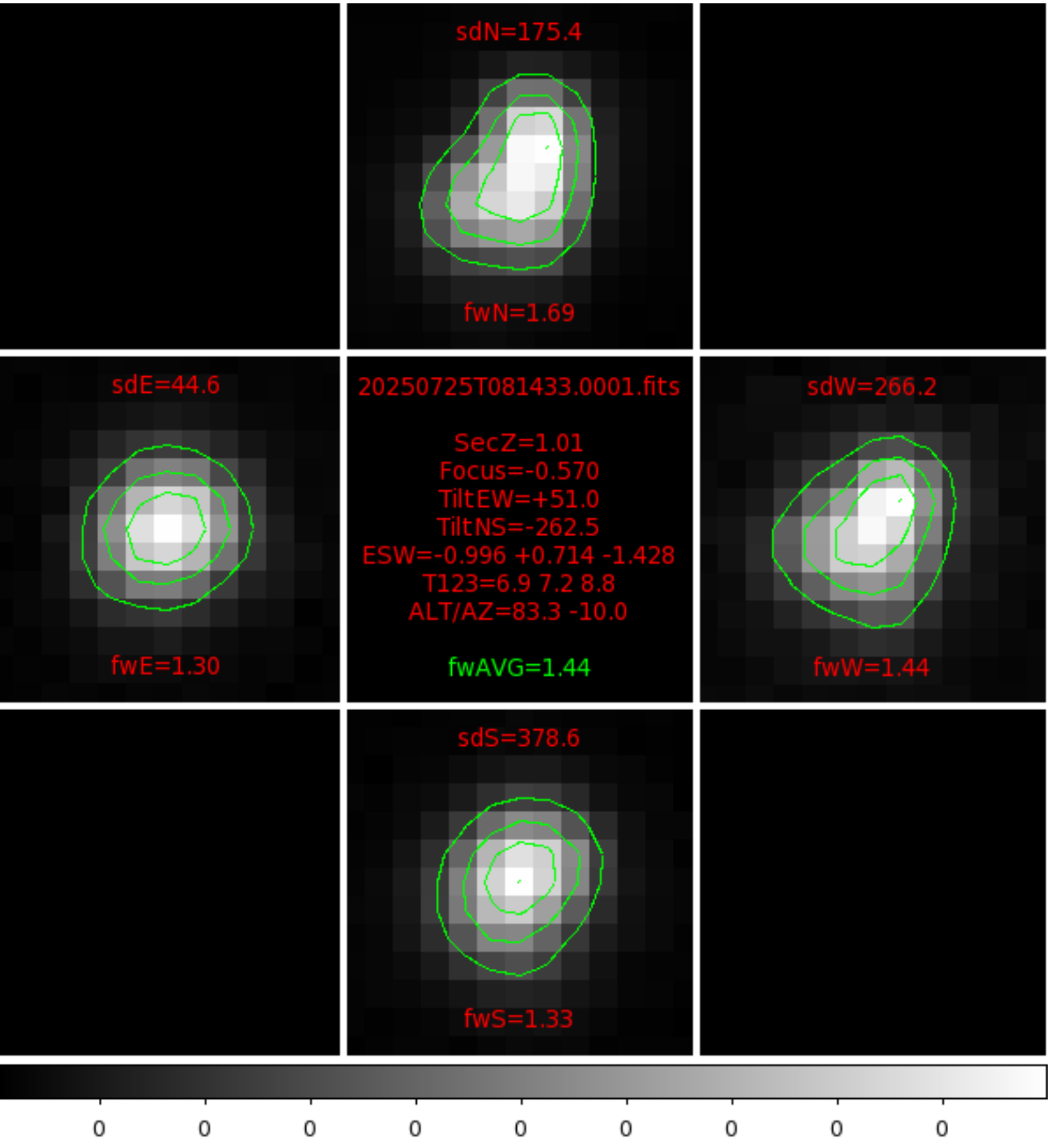

sdN=23.3
fwN=1.57
sdE=39.3
fwE=1.22
20250725T081014.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.2 8.8
ALT/AZ=83.4 -2.5
fwAVG=1.37
sdW=52.1
fwW=1.39
sdS=91.3
fwS=1.30
0 0 0 0 0 0 0 0 0

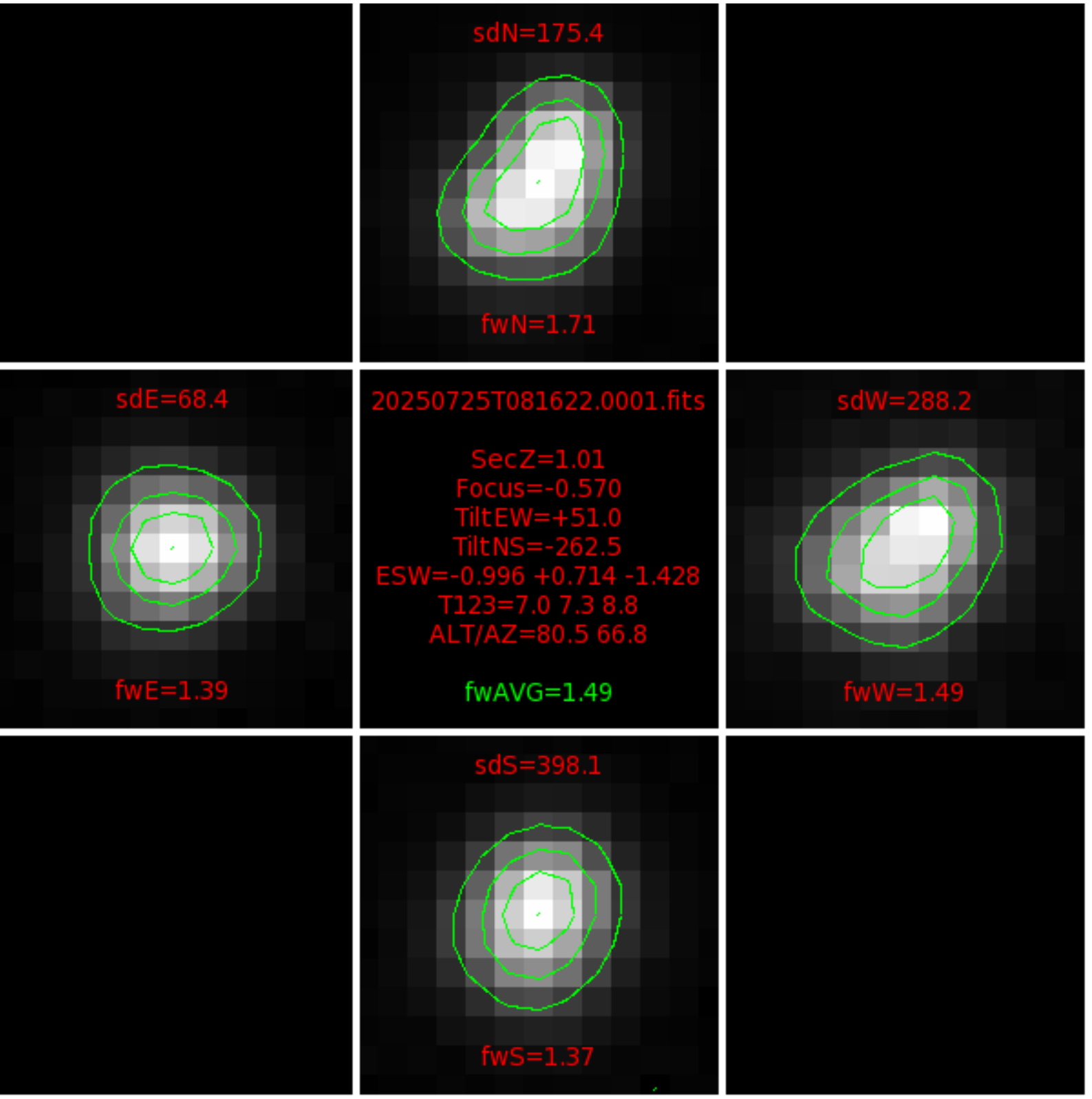

sdN=54.9
fwN=1.90
sdE=22.0
fwE=1.47
20250725T081050.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.2 8.8
ALT/AZ=83.4 -3.5
fwAVG=1.62
sdW=88.6
fwW=1.58
sdS=172.0
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=46.7
fwN=1.87
sdE=20.2
fwE=1.46
20250725T081211.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.2 8.8
ALT/AZ=83.4 -5.9
fwAVG=1.62
sdW=81.1
fwW=1.62
sdS=171.9
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=70.3
fwN=1.80
sdE=25.3
fwE=1.43
20250725T081242.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.2 8.8
ALT/AZ=83.4 -6.8
fwAVG=1.53
sdW=127.7
fwW=1.47
sdS=238.4
fwS=1.44
0 0 0 0 0 0 0 0 0


sdN=89.7
fwN=1.89
sdE=34.7
fwE=1.64
20250725T081406.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.2 8.8
ALT/AZ=83.3 -9.3
fwAVG=1.73
sdW=158.5
fwW=1.69
sdS=308.3
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=175.4
fwN=1.69
sdE=44.6
fwE=1.30
20250725T081433.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=6.9 7.2 8.8
ALT/AZ=83.3 -10.0
fwAVG=1.44
sdW=266.2
fwW=1.44
sdS=378.6
fwS=1.33
0 0 0 0 0 0 0 0 0


sdN=175.4
fwN=1.71
sdE=68.4
fwE=1.39
20250725T081622.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.3 8.8
ALT/AZ=80.5 66.8
fwAVG=1.49
sdW=288.2
fwW=1.49
sdS=398.1
fwS=1.37
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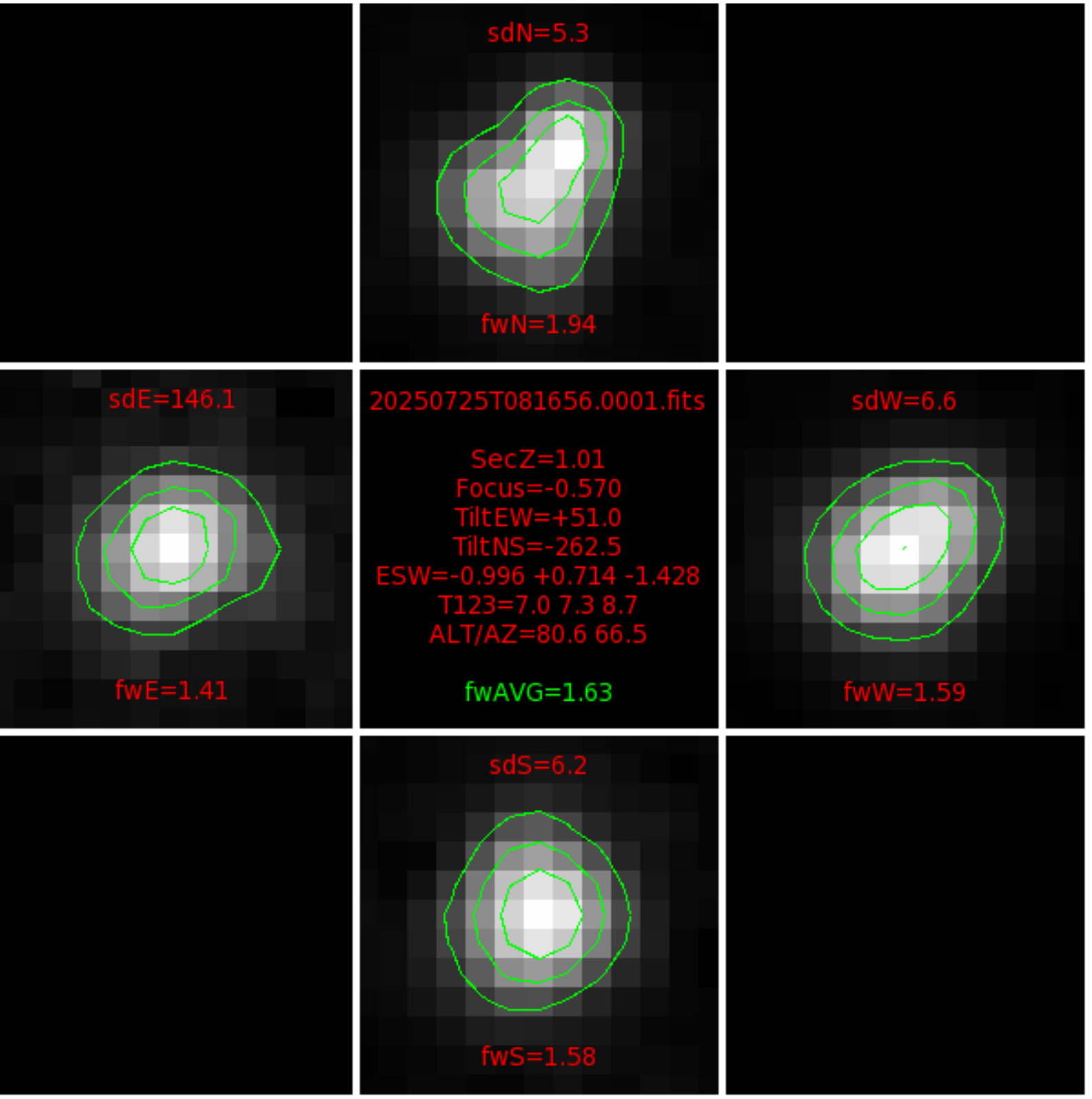
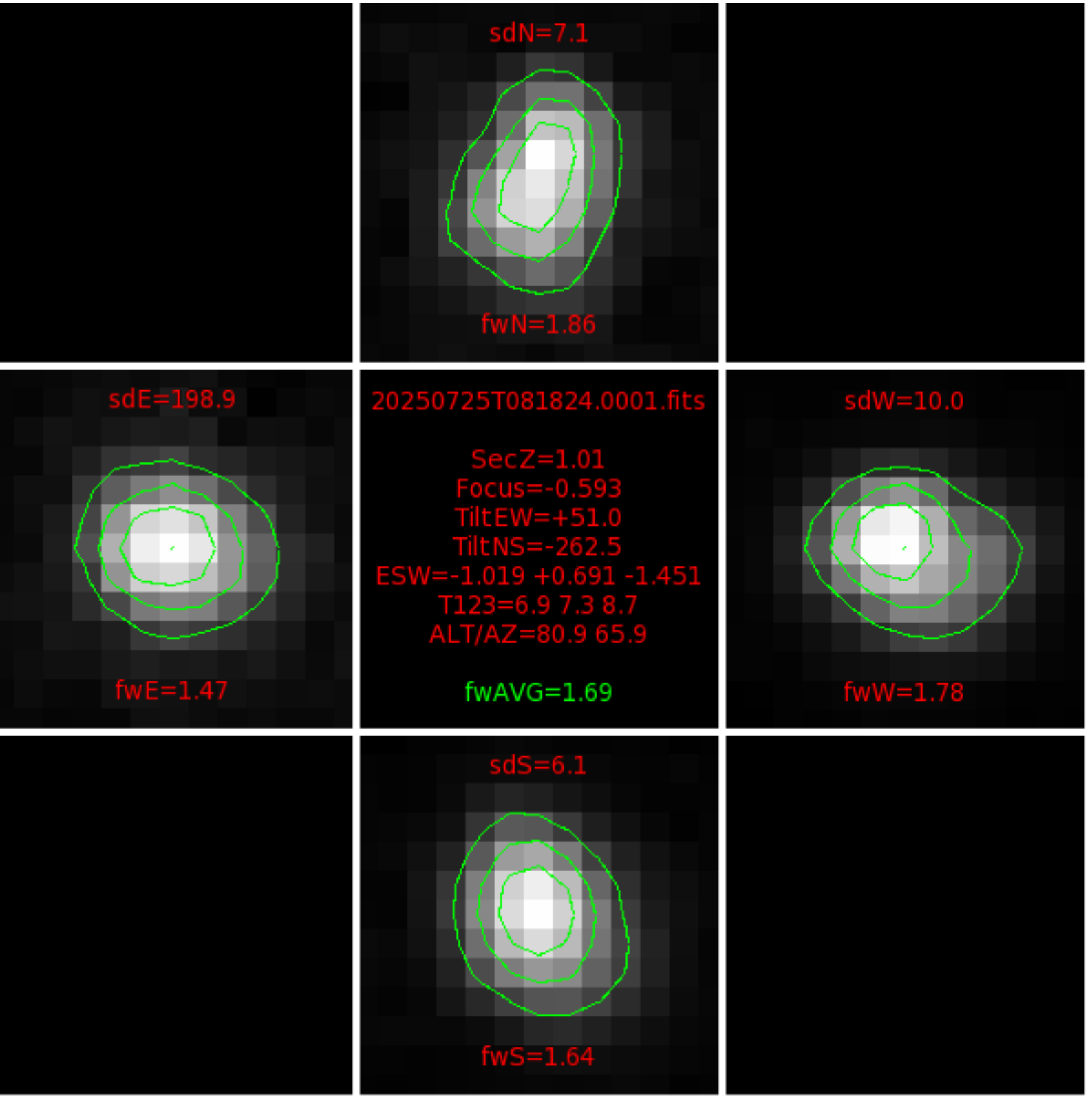
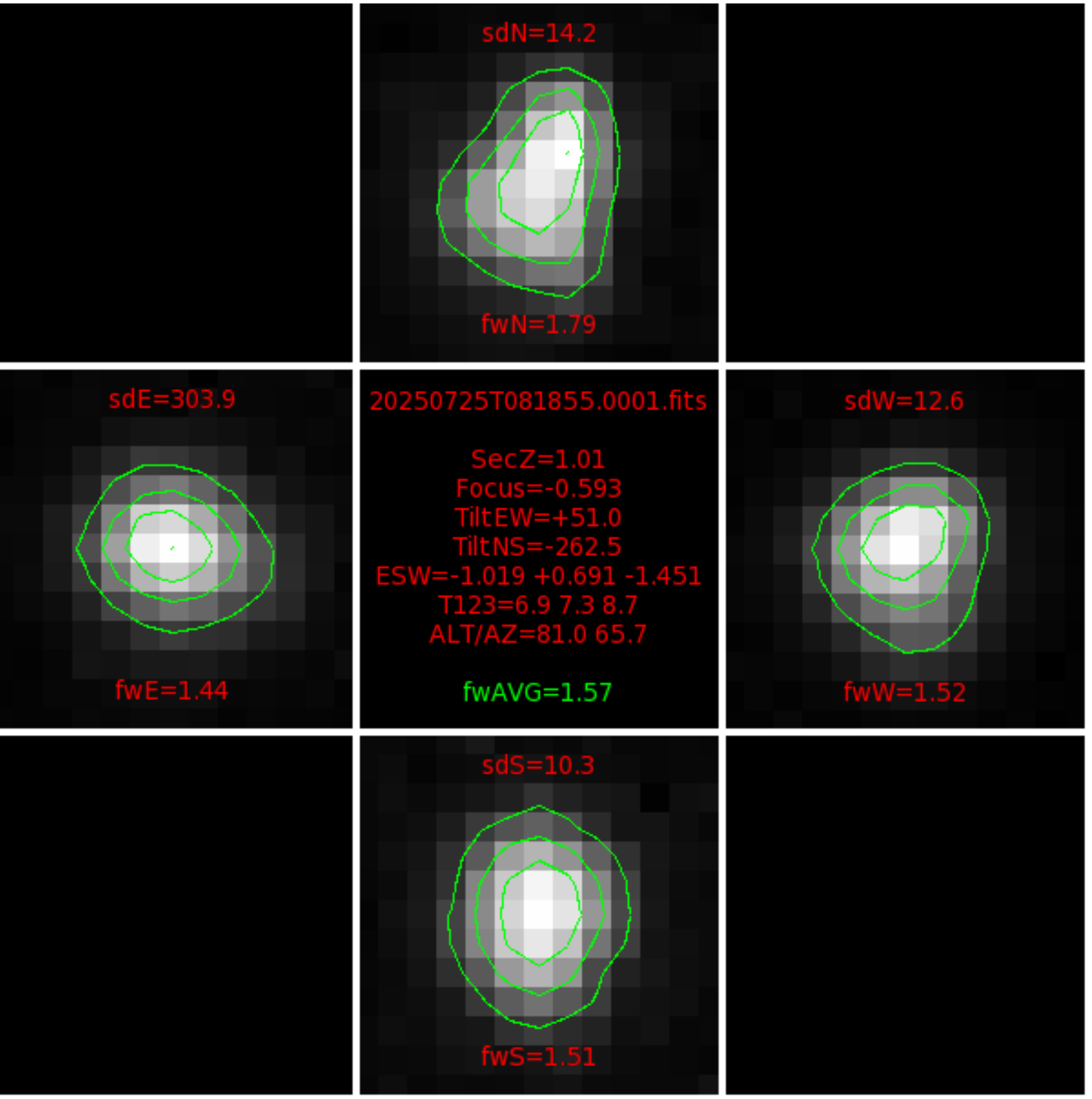
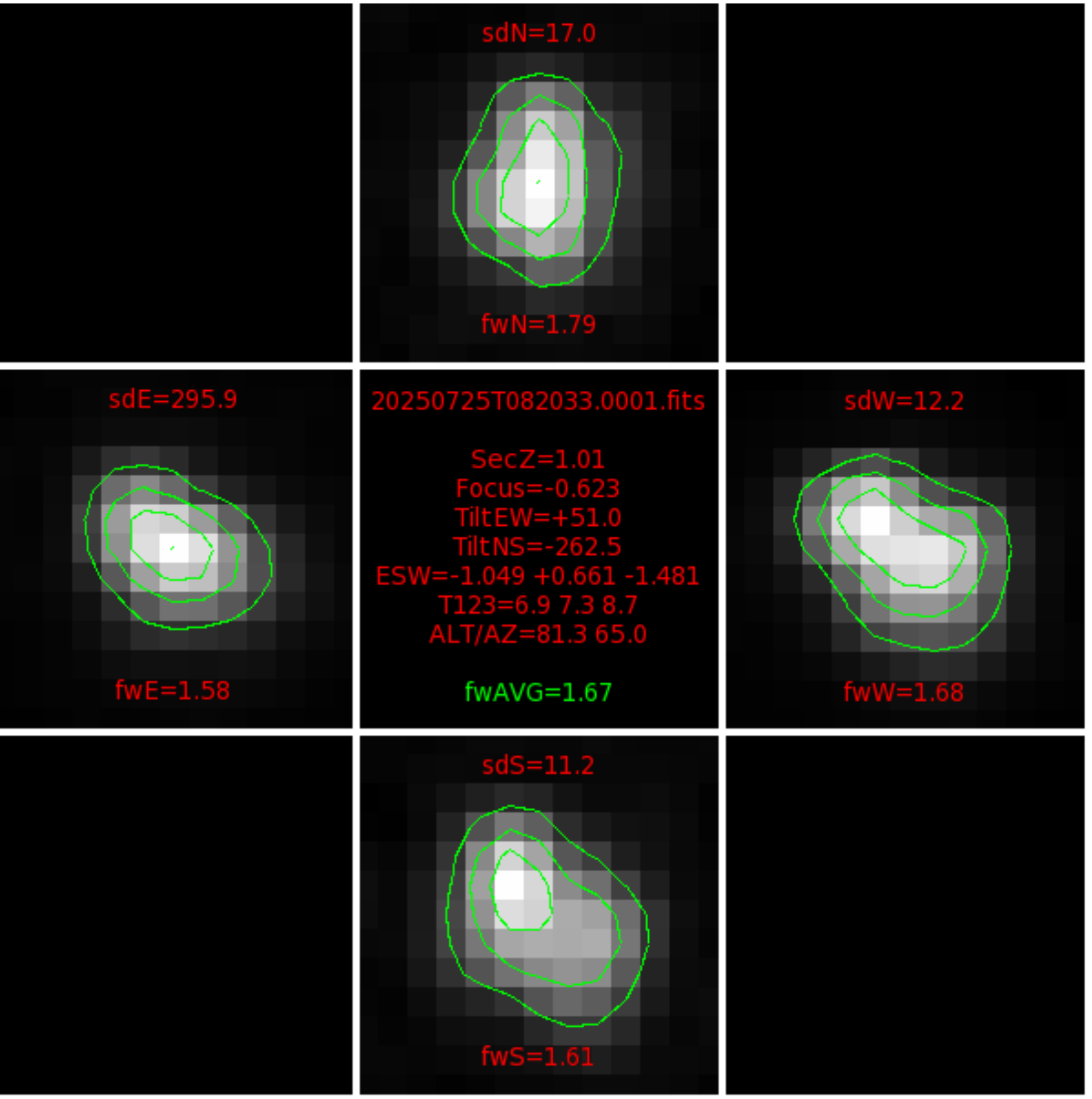
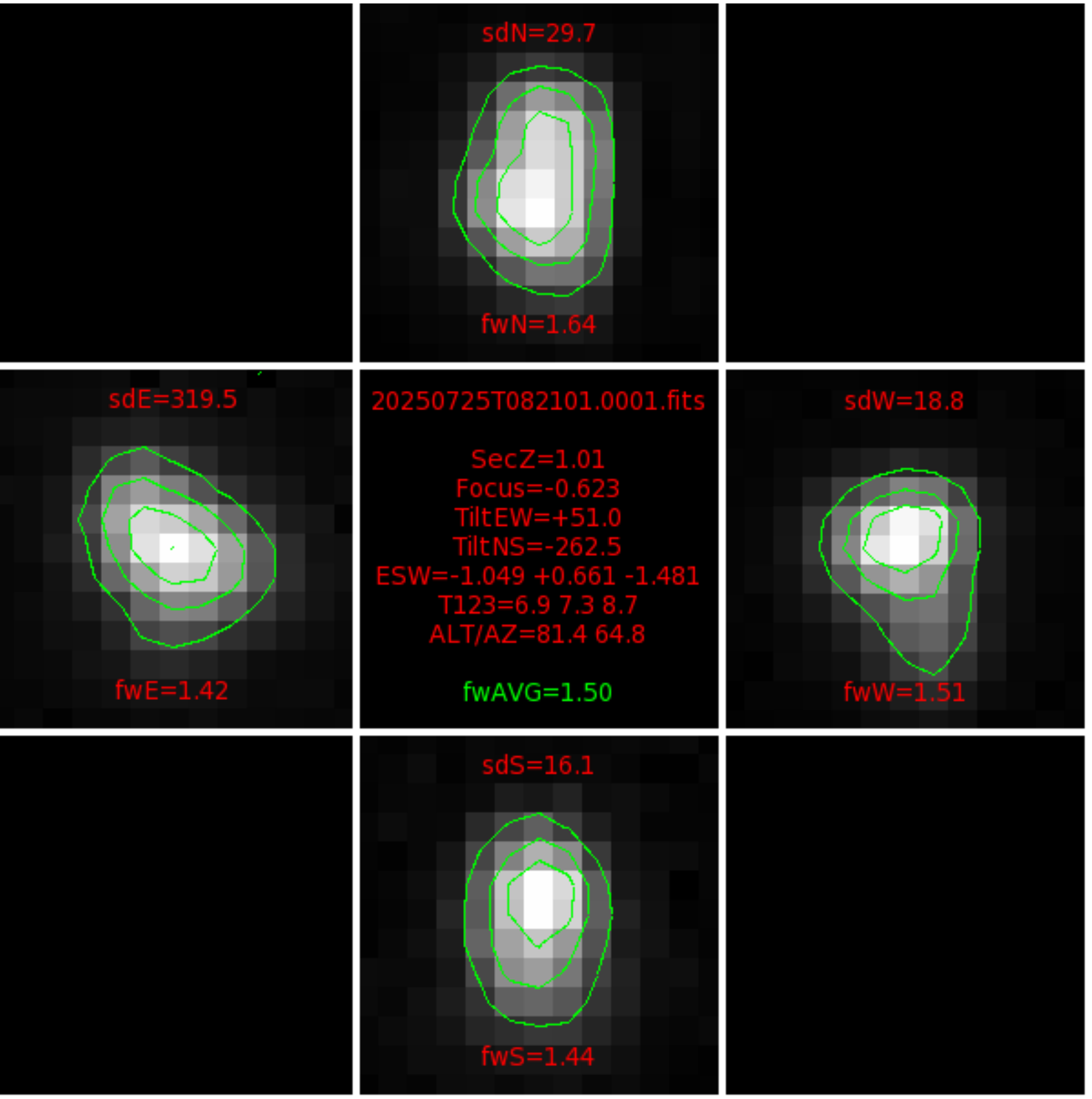

sdN=5.3
fwN=1.94
sdE=146.1
fwE=1.41
20250725T081656.0001.fits
SecZ=1.01
Focus=-0.570
TiltEW=+51.0
TiltNS=-262.5
ESW=-0.996 +0.714 -1.428
T123=7.0 7.3 8.7
ALT/AZ=80.6 66.5
fwAVG=1.63
sdW=6.6
fwW=1.59
sdS=6.2
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=7.1
fwN=1.86
sdE=198.9
fwE=1.47
20250725T081824.0001.fits
SecZ=1.01
Focus=-0.593
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.019 +0.691 -1.451
T123=6.9 7.3 8.7
ALT/AZ=80.9 65.9
fwAVG=1.69
sdW=10.0
fwW=1.78
sdS=6.1
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=14.2
fwN=1.79
sdE=303.9
fwE=1.44
20250725T081855.0001.fits
SecZ=1.01
Focus=-0.593
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.019 +0.691 -1.451
T123=6.9 7.3 8.7
ALT/AZ=81.0 65.7
fwAVG=1.57
sdW=12.6
fwW=1.52
sdS=10.3
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=17.0
fwN=1.79
sdE=295.9
fwE=1.58
20250725T082033.0001.fits
SecZ=1.01
Focus=-0.623
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.049 +0.661 -1.481
T123=6.9 7.3 8.7
ALT/AZ=81.3 65.0
fwAVG=1.67
sdW=12.2
fwW=1.68
sdS=11.2
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=29.7
fwN=1.64
sdE=319.5
fwE=1.42
20250725T082101.0001.fits
SecZ=1.01
Focus=-0.623
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.049 +0.661 -1.481
T123=6.9 7.3 8.7
ALT/AZ=81.4 64.8
fwAVG=1.50
sdW=18.8
fwW=1.51
sdS=16.1
fwS=1.44
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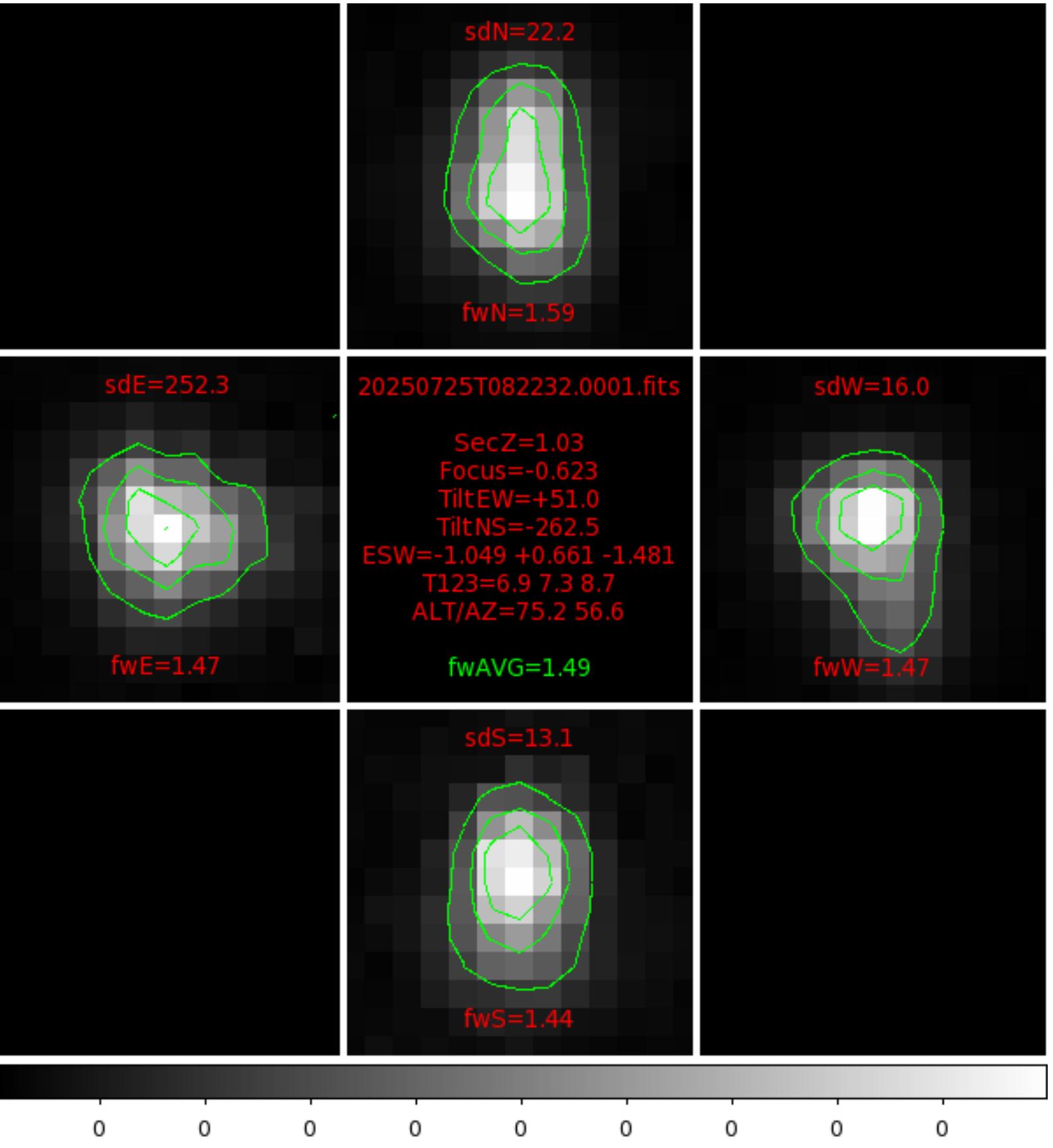
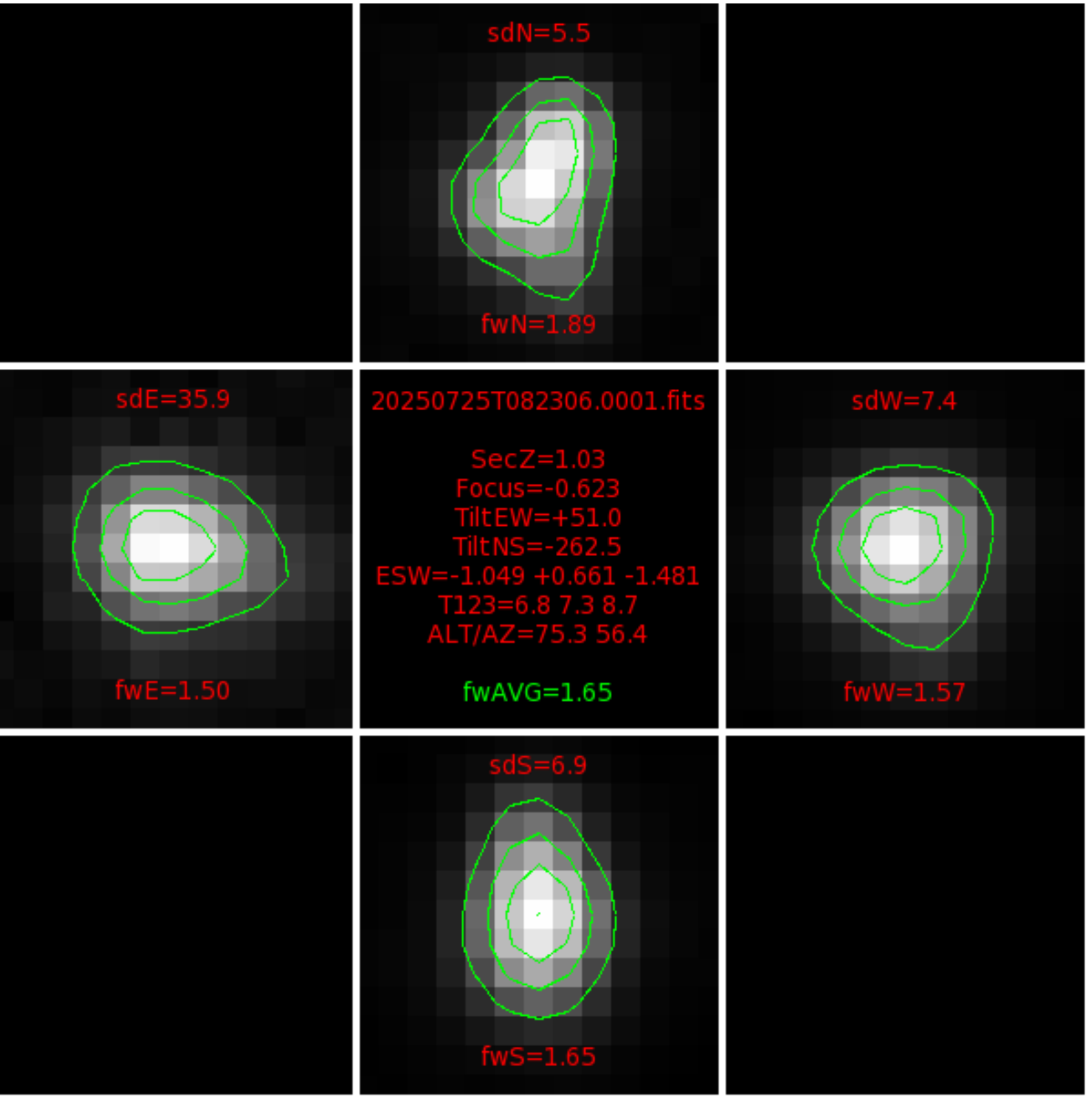

sdN=22.2
fwN=1.59
sdE=252.3
fwE=1.47
20250725T082232.0001.fits
SecZ=1.03
Focus=-0.623
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.049 +0.661 -1.481
T123=6.9 7.3 8.7
ALT/AZ=75.2 56.6
fwAVG=1.49
sdW=16.0
fwW=1.47
sdS=13.1
fwS=1.44
0 0 0 0 0 0 0 0 0


sdN=5.5
fwN=1.89
sdE=35.9
fwE=1.50
20250725T082306.0001.fits
SecZ=1.03
Focus=-0.623
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.049 +0.661 -1.481
T123=6.8 7.3 8.7
ALT/AZ=75.3 56.4
fwAVG=1.65
sdW=7.4
fwW=1.57
sdS=6.9
fwS=1.65
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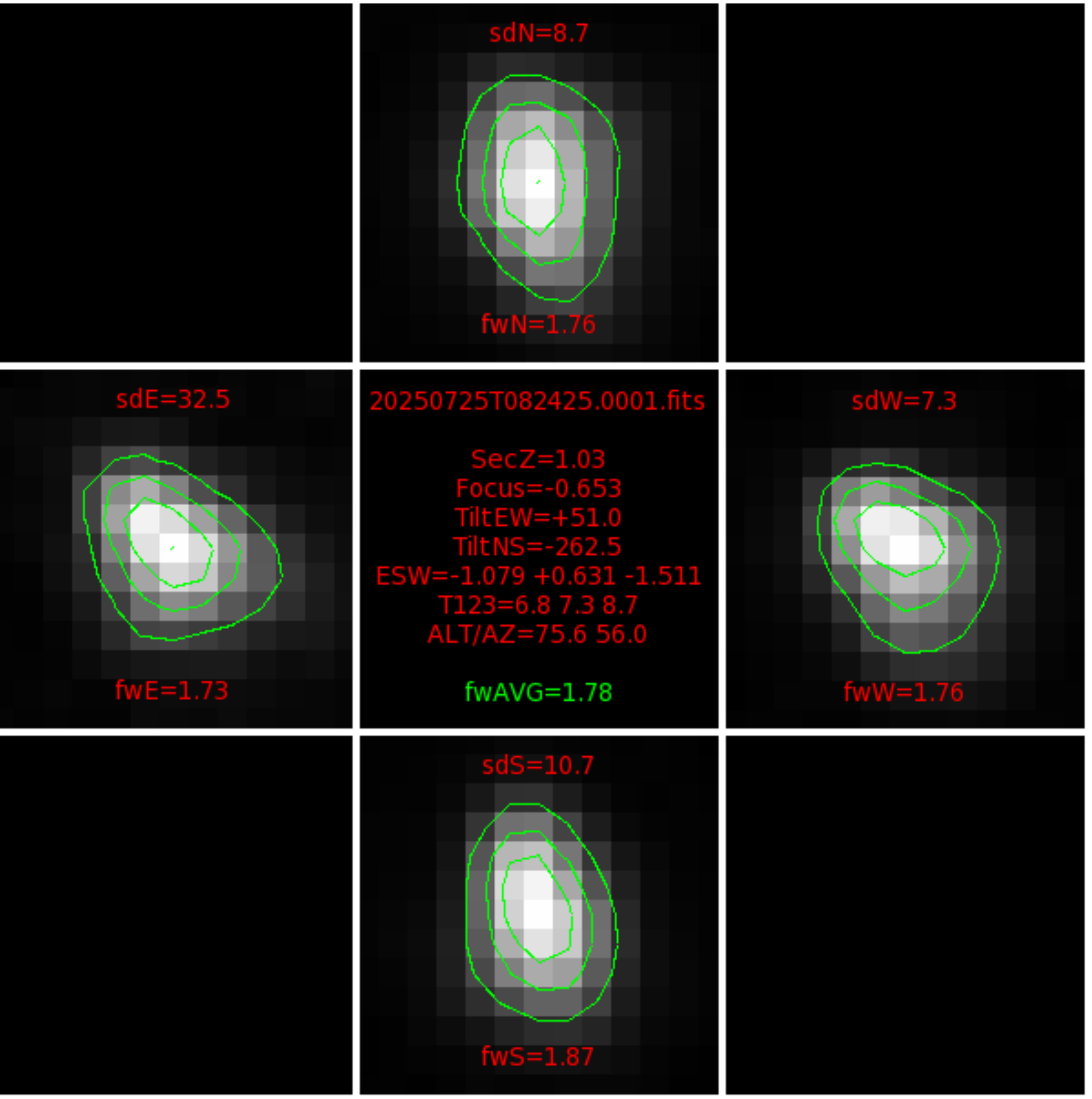
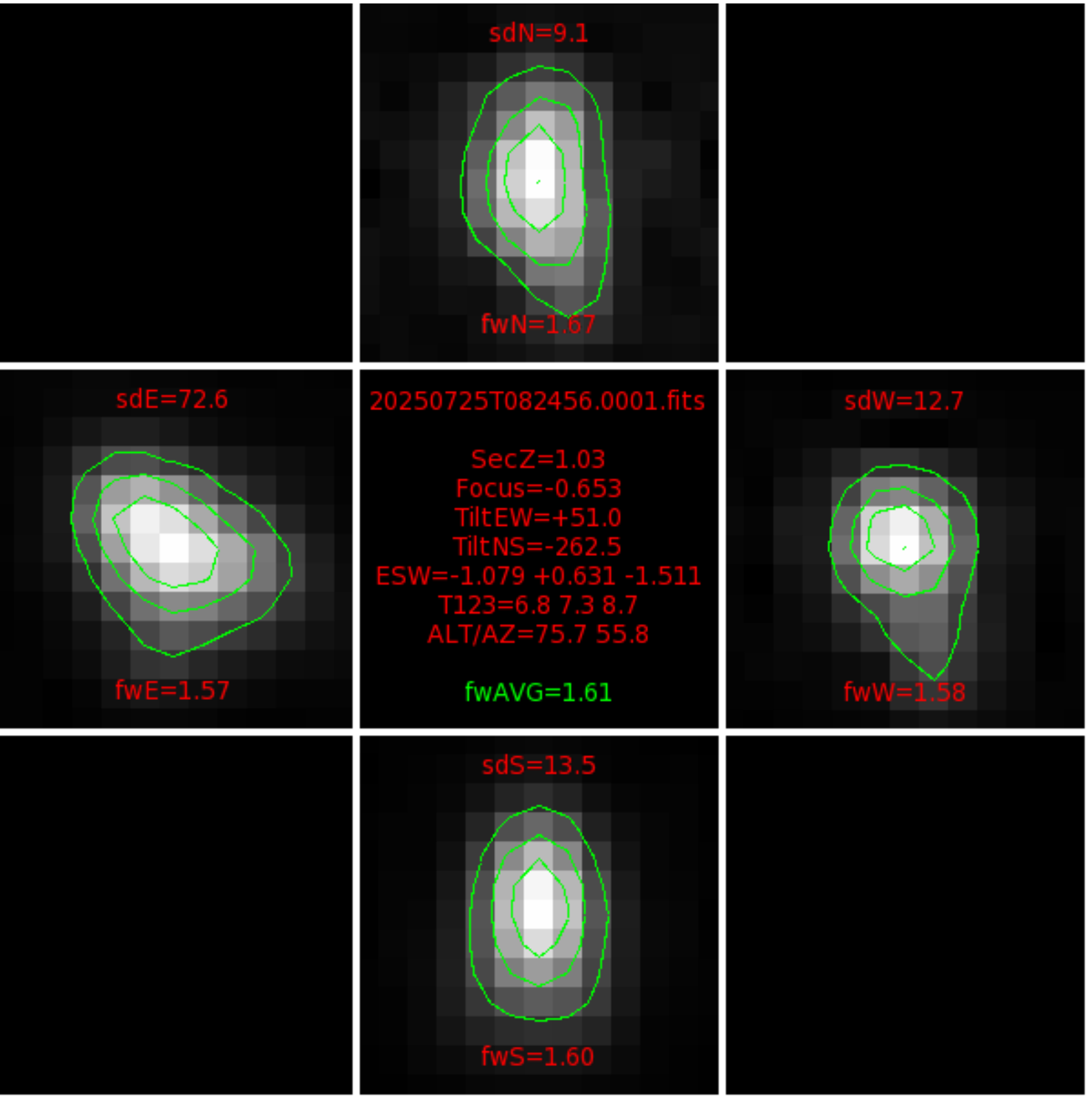

sdN=8.7
fwN=1.76
sdE=32.5
fwE=1.73
20250725T082425.0001.fits
SecZ=1.03
Focus=-0.653
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.079 +0.631 -1.511
T123=6.8 7.3 8.7
ALT/AZ=75.6 56.0
fwAVG=1.78
sdW=7.3
fwW=1.76
sdS=10.7
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=9.1
fwN=1.67
sdE=72.6
fwE=1.57
20250725T082456.0001.fits
SecZ=1.03
Focus=-0.653
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.079 +0.631 -1.511
T123=6.8 7.3 8.7
ALT/AZ=75.7 55.8
fwAVG=1.61
sdW=12.7
fwW=1.58
sdS=13.5
fwS=1.60
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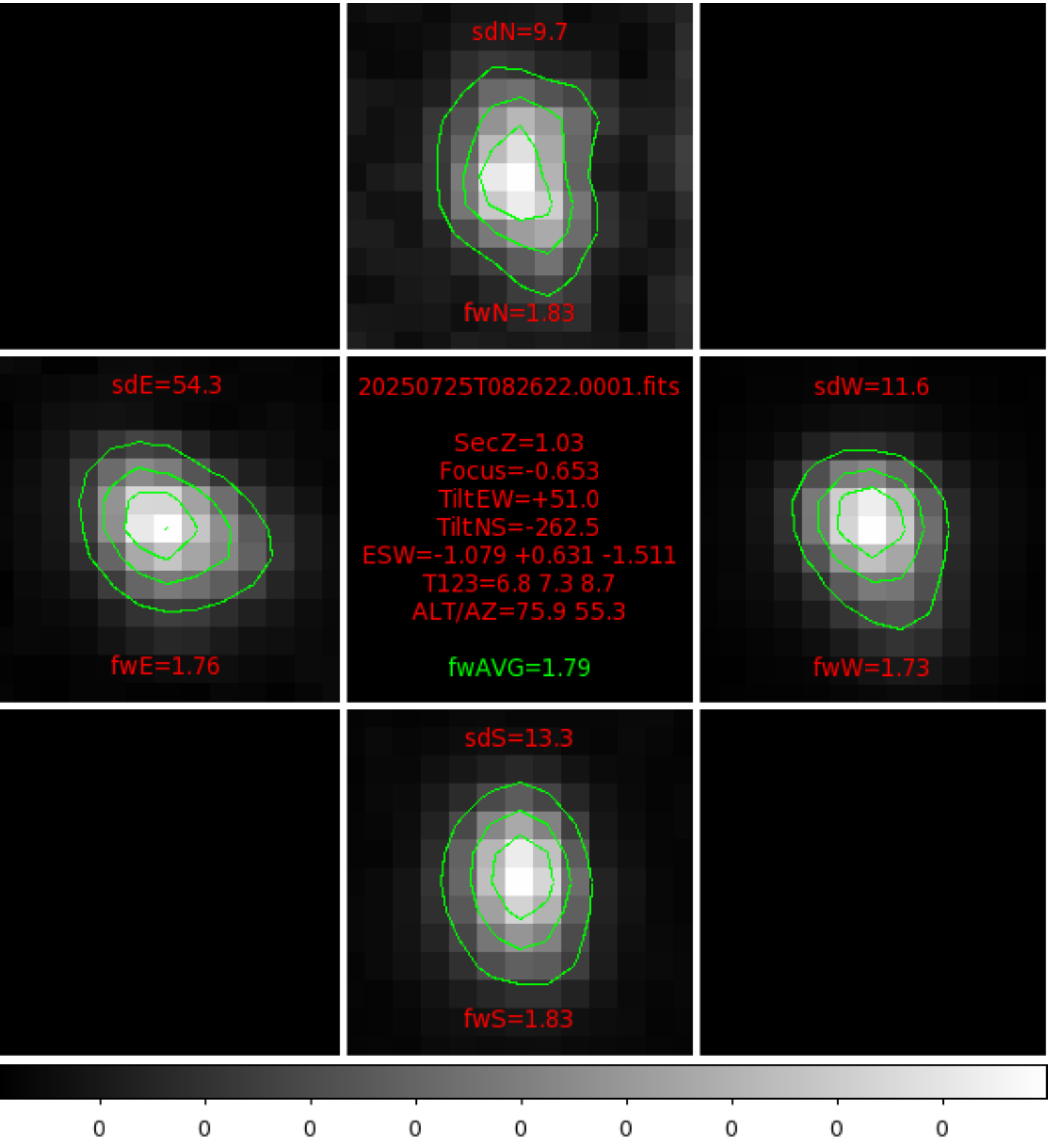
sdN=9.7
fwN=1.83
sdE=54.3
fwE=1.76
20250725T082622.0001.fits
SecZ=1.03
Focus=-0.653
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.079 +0.631 -1.511
T123=6.8 7.3 8.7
ALT/AZ=75.9 55.3
fwAVG=1.79
sdW=11.6
fwW=1.73
sdS=13.3
fwS=1.83
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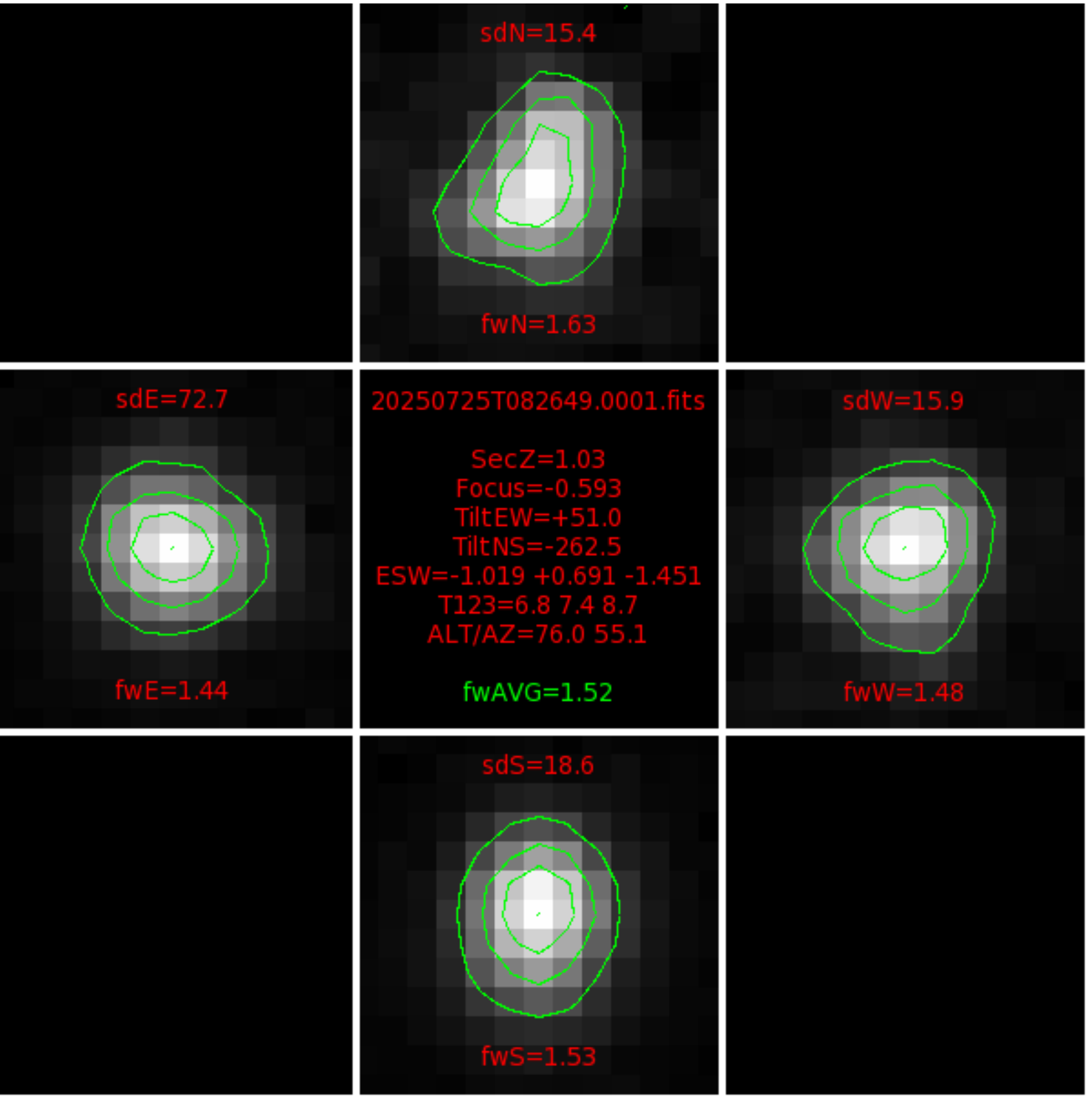
sdN=15.4
fwN=1.63
sdE=72.7
fwE=1.44
20250725T082649.0001.fits
SecZ=1.03
Focus=-0.593
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.019 +0.691 -1.451
T123=6.8 7.4 8.7
ALT/AZ=76.0 55.1
fwAVG=1.52
sdW=15.9
fwW=1.48
sdS=18.6
fwS=1.53
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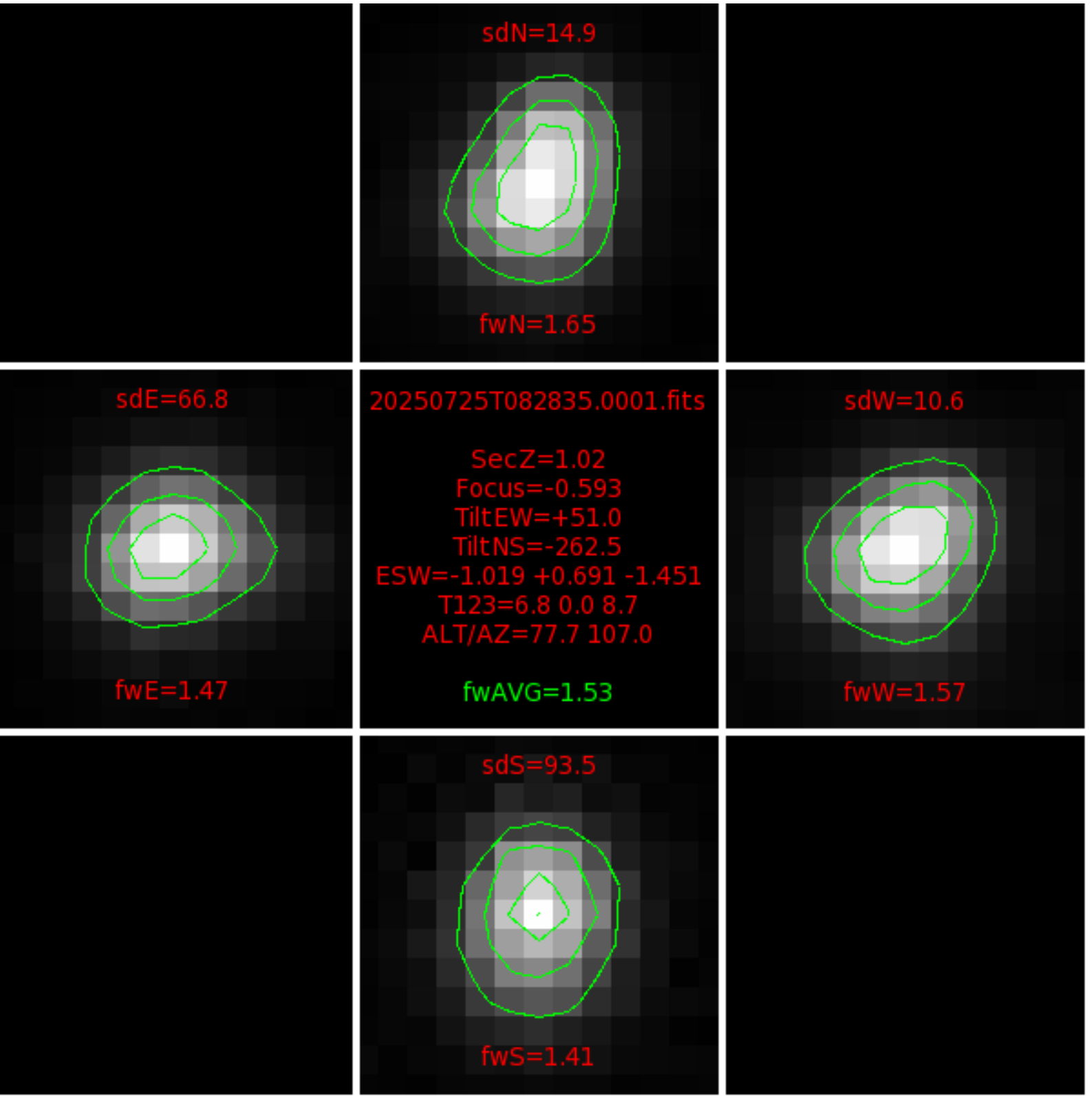
sdN=14.9
fwN=1.65
sdE=66.8
fwE=1.47
20250725T082835.0001.fits
SecZ=1.02
Focus=-0.593
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.019 +0.691 -1.451
T123=6.8 0.0 8.7
ALT/AZ=77.7 107.0
fwAVG=1.53
sdW=10.6
fwW=1.57
sdS=93.5
fwS=1.41
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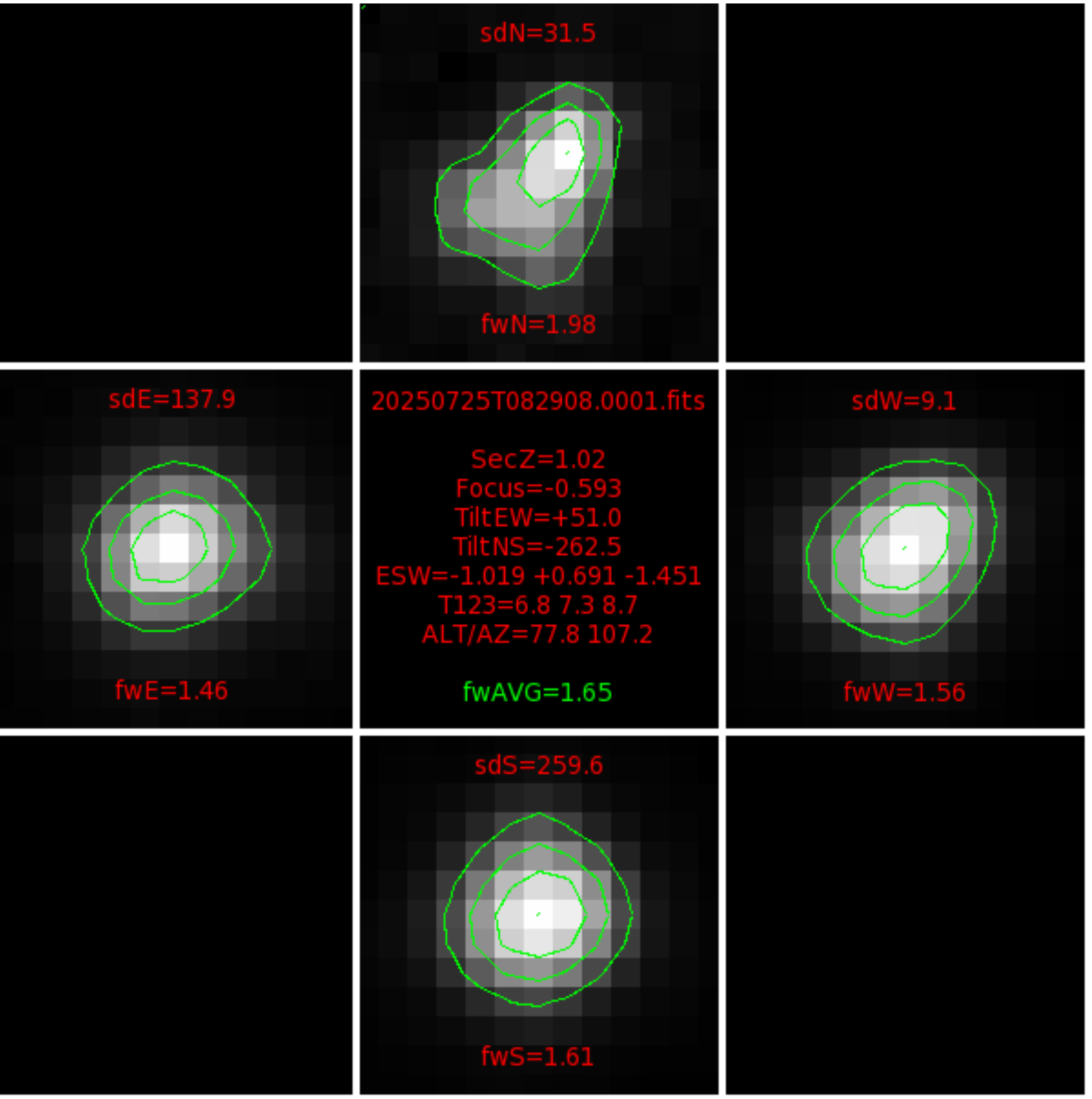
sdN=31.5
fwN=1.98
sdE=137.9
fwE=1.46
20250725T082908.0001.fits
SecZ=1.02
Focus=-0.593
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.019 +0.691 -1.451
T123=6.8 7.3 8.7
ALT/AZ=77.8 107.2
fwAVG=1.65
sdW=9.1
fwW=1.56
sdS=259.6
fwS=1.61
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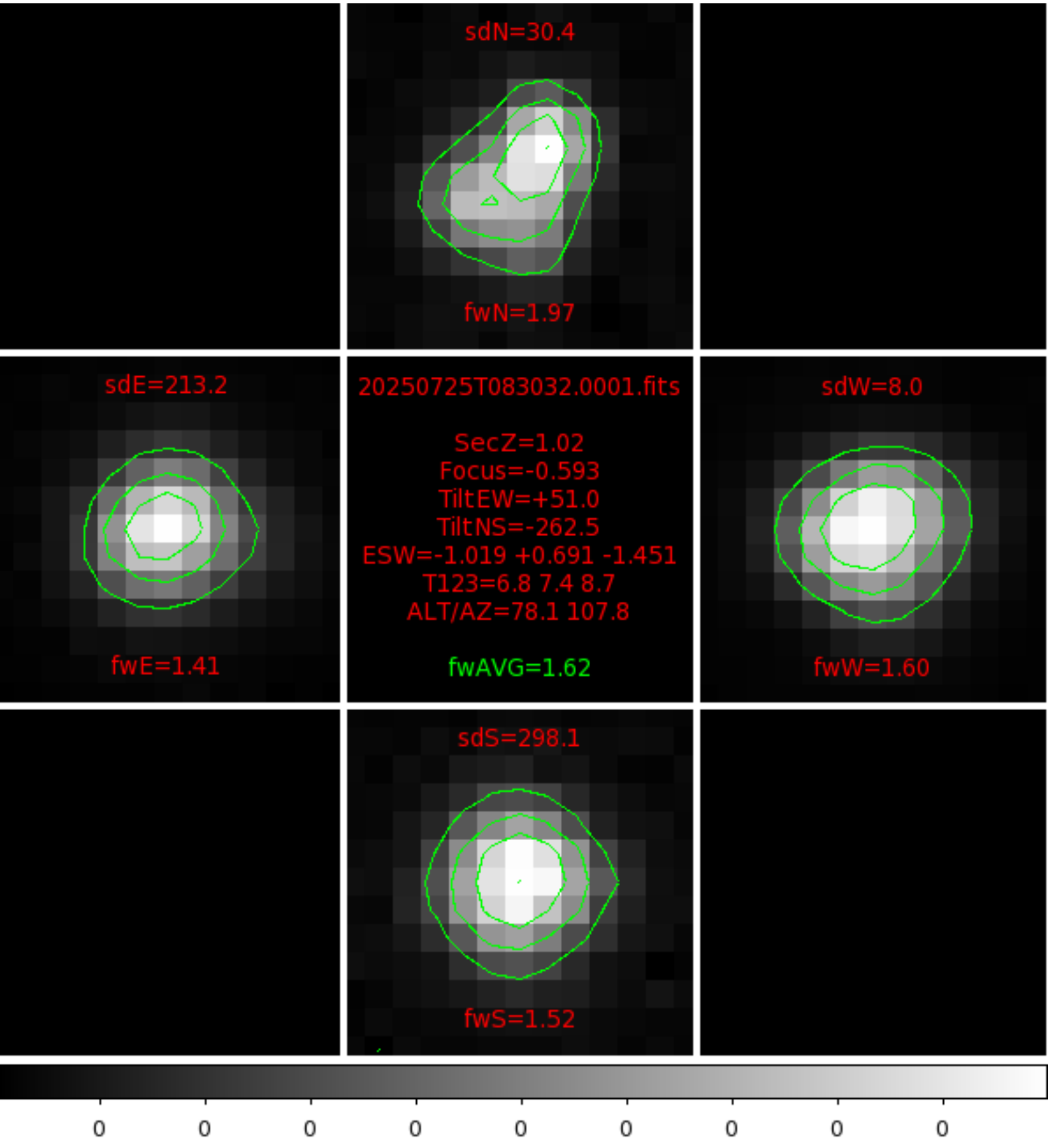
sdN=30.4
fwN=1.97
sdE=213.2
fwE=1.41
20250725T083032.0001.fits
SecZ=1.02
Focus=-0.593
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.019 +0.691 -1.451
T123=6.8 7.4 8.7
ALT/AZ=78.1 107.8
fwAVG=1.62
sdW=8.0
fwW=1.60
sdS=298.1
fwS=1.52
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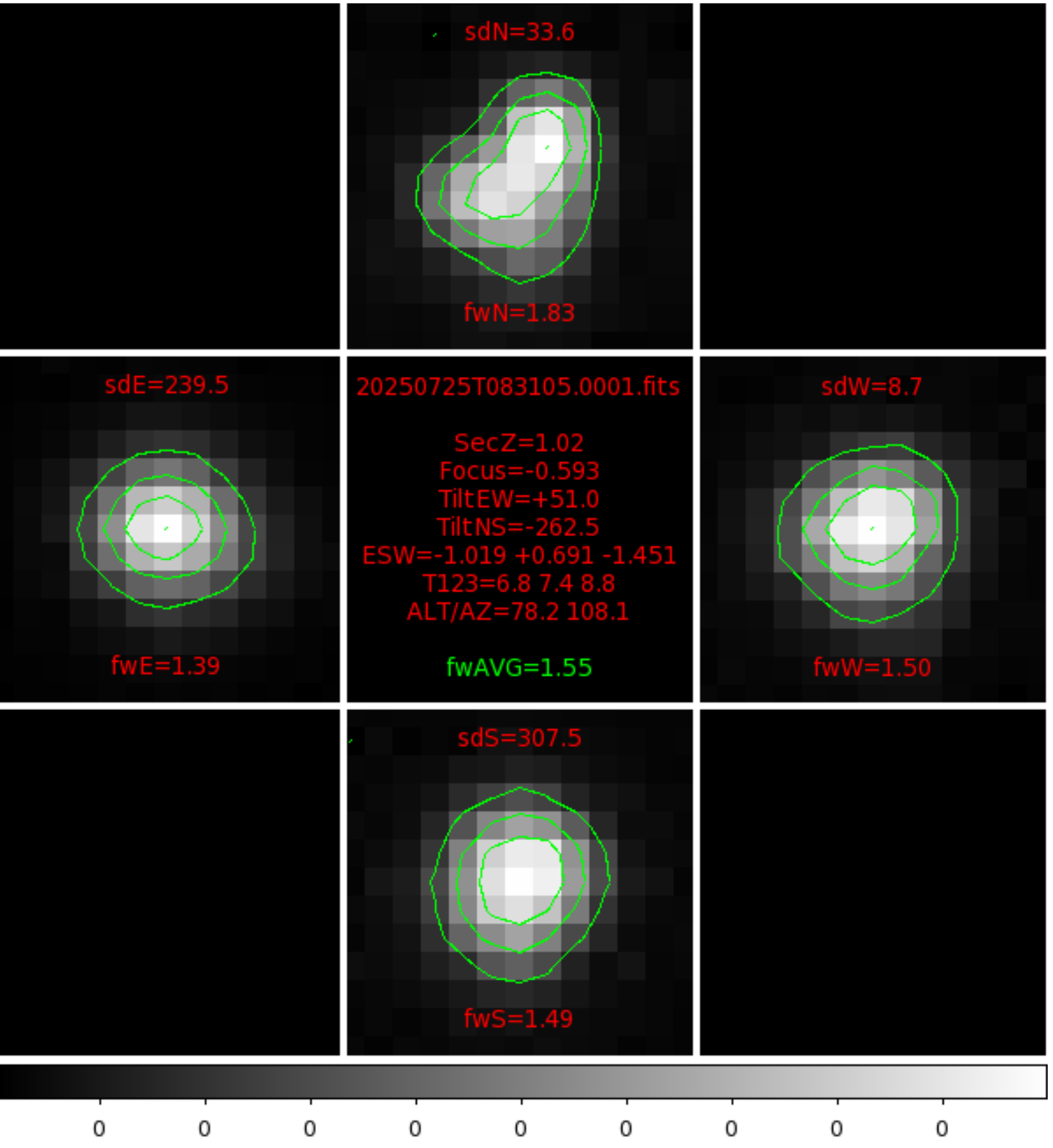
sdN=33.6
fwN=1.83
sdE=239.5
fwE=1.39
20250725T083105.0001.fits
SecZ=1.02
Focus=-0.593
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.019 +0.691 -1.451
T123=6.8 7.4 8.8
ALT/AZ=78.2 108.1
fwAVG=1.55
sdW=8.7
fwW=1.50
sdS=307.5
fwS=1.49
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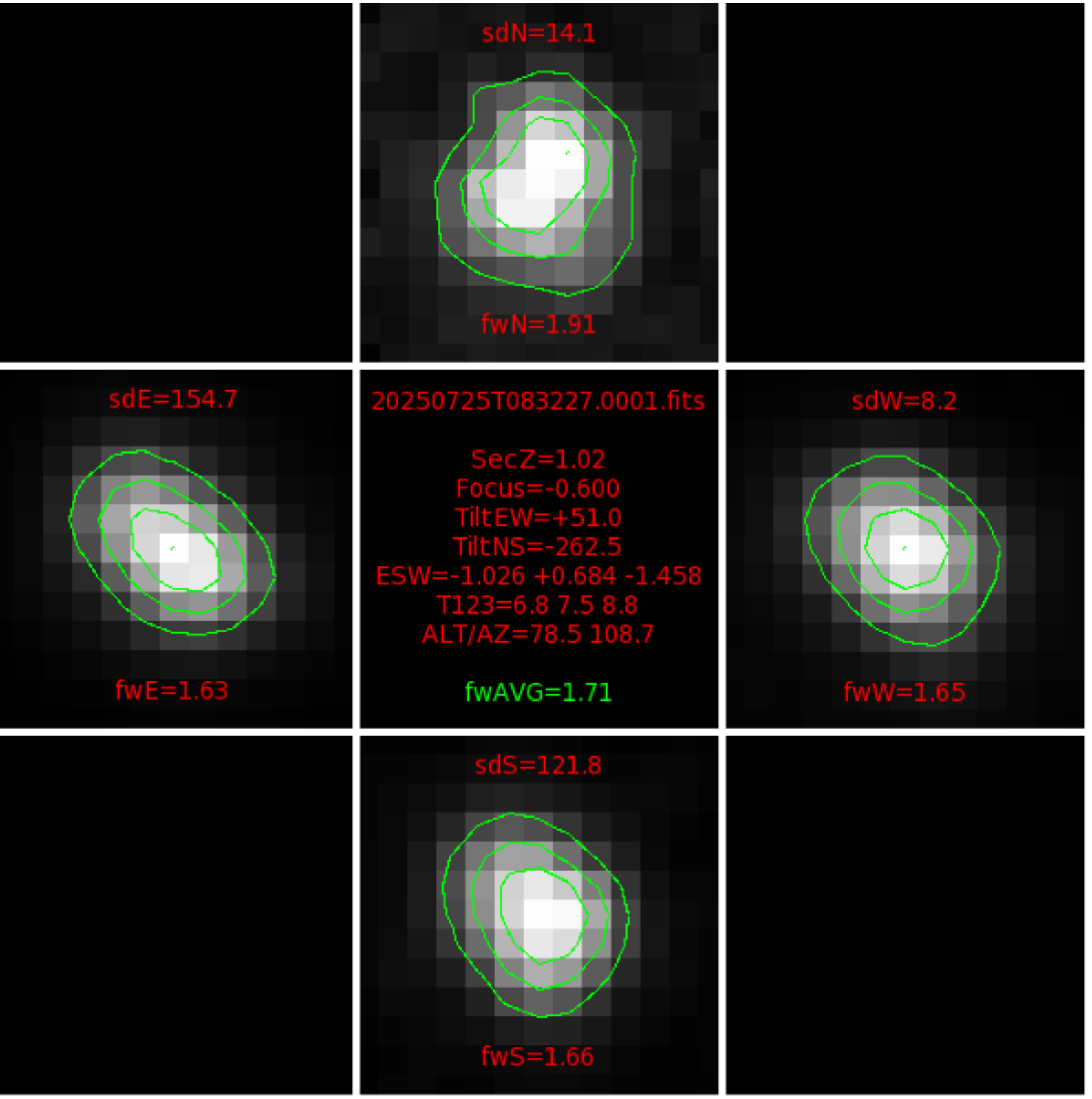
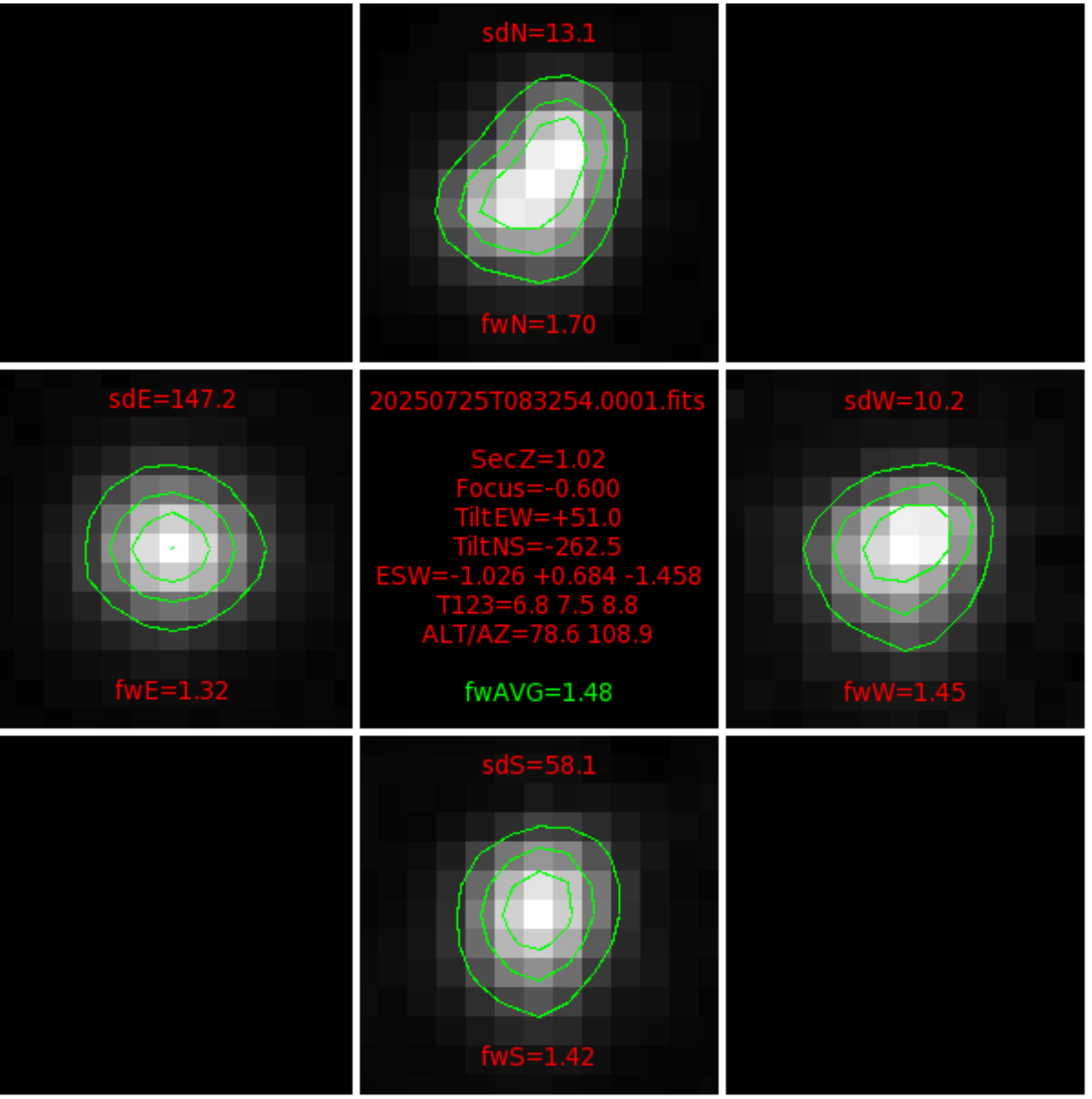
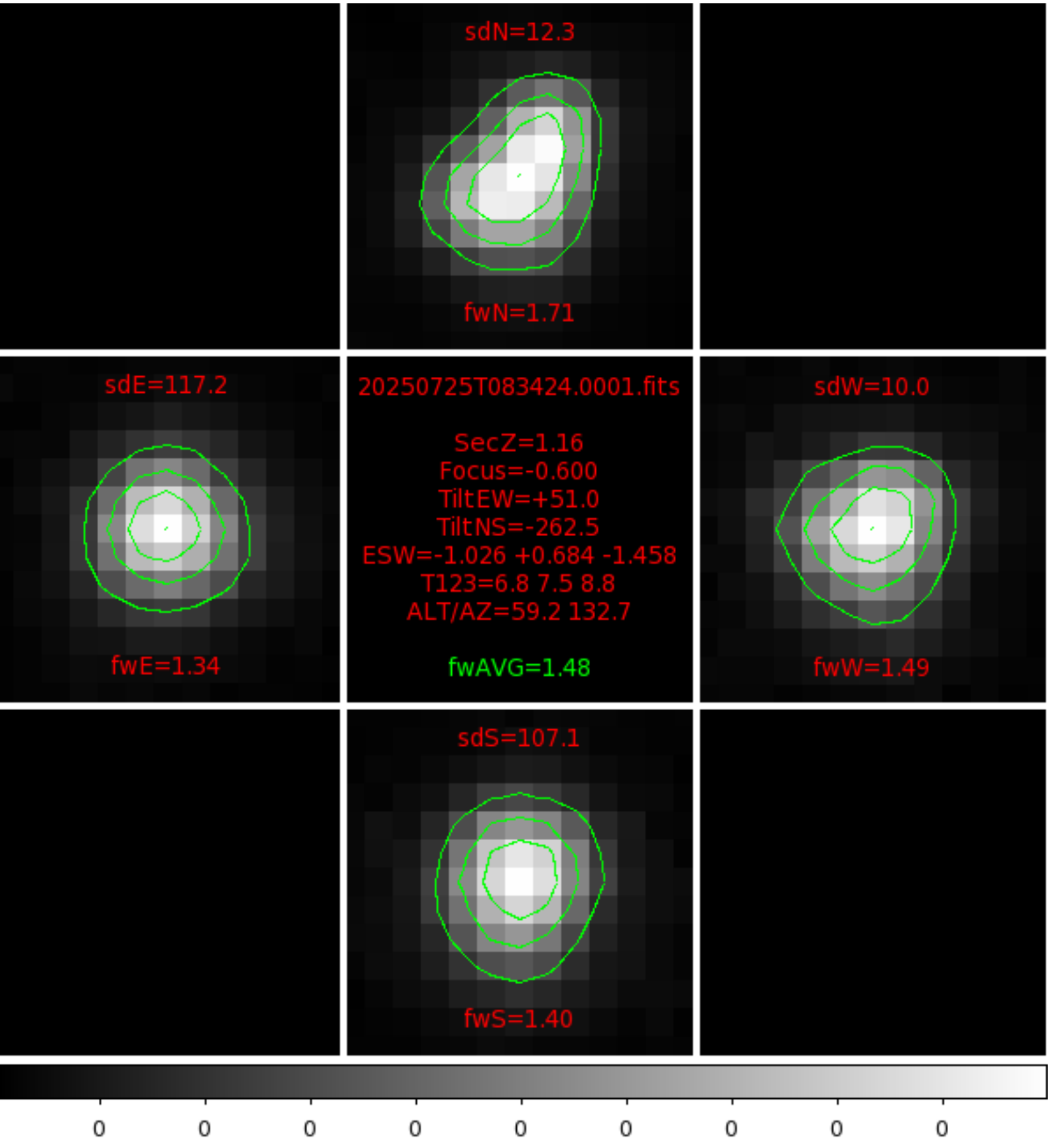
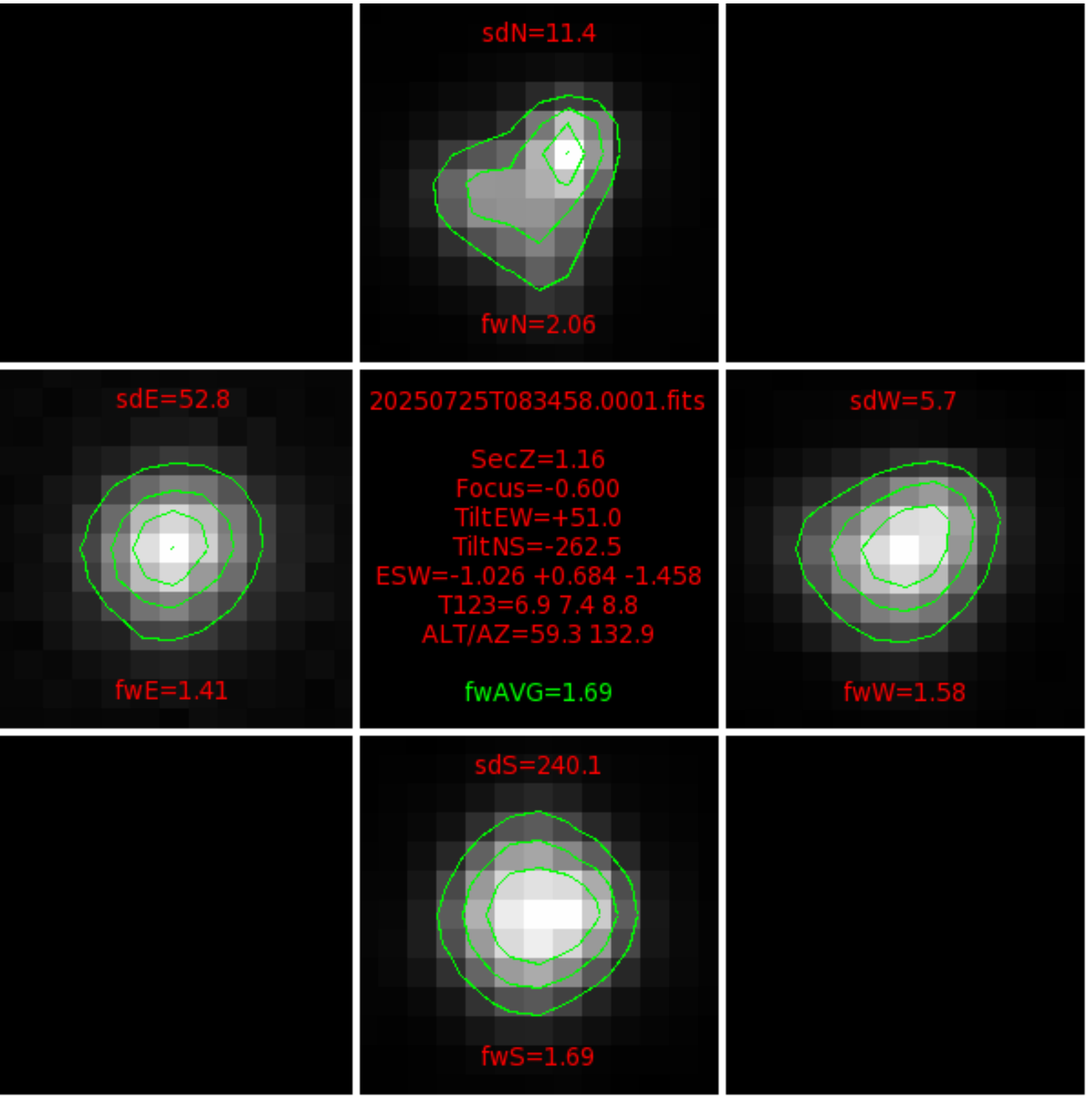

sdN=14.1
fwN=1.91
sdE=154.7
fwE=1.63
20250725T083227.0001.fits
SecZ=1.02
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.5 8.8
ALT/AZ=78.5 108.7
fwAVG=1.71
sdW=8.2
fwW=1.65
sdS=121.8
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=13.1
fwN=1.70
sdE=147.2
fwE=1.32
20250725T083254.0001.fits
SecZ=1.02
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.5 8.8
ALT/AZ=78.6 108.9
fwAVG=1.48
sdW=10.2
fwW=1.45
sdS=58.1
fwS=1.42
0 0 0 0 0 0 0 0 0


sdN=12.3
fwN=1.71
sdE=117.2
fwE=1.34
20250725T083424.0001.fits
SecZ=1.16
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.5 8.8
ALT/AZ=59.2 132.7
fwAVG=1.48
sdW=10.0
fwW=1.49
sdS=107.1
fwS=1.40
0 0 0 0 0 0 0 0 0


sdN=11.4
fwN=2.06
sdE=52.8
fwE=1.41
20250725T083458.0001.fits
SecZ=1.16
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.4 8.8
ALT/AZ=59.3 132.9
fwAVG=1.69
sdW=5.7
fwW=1.58
sdS=240.1
fwS=1.69
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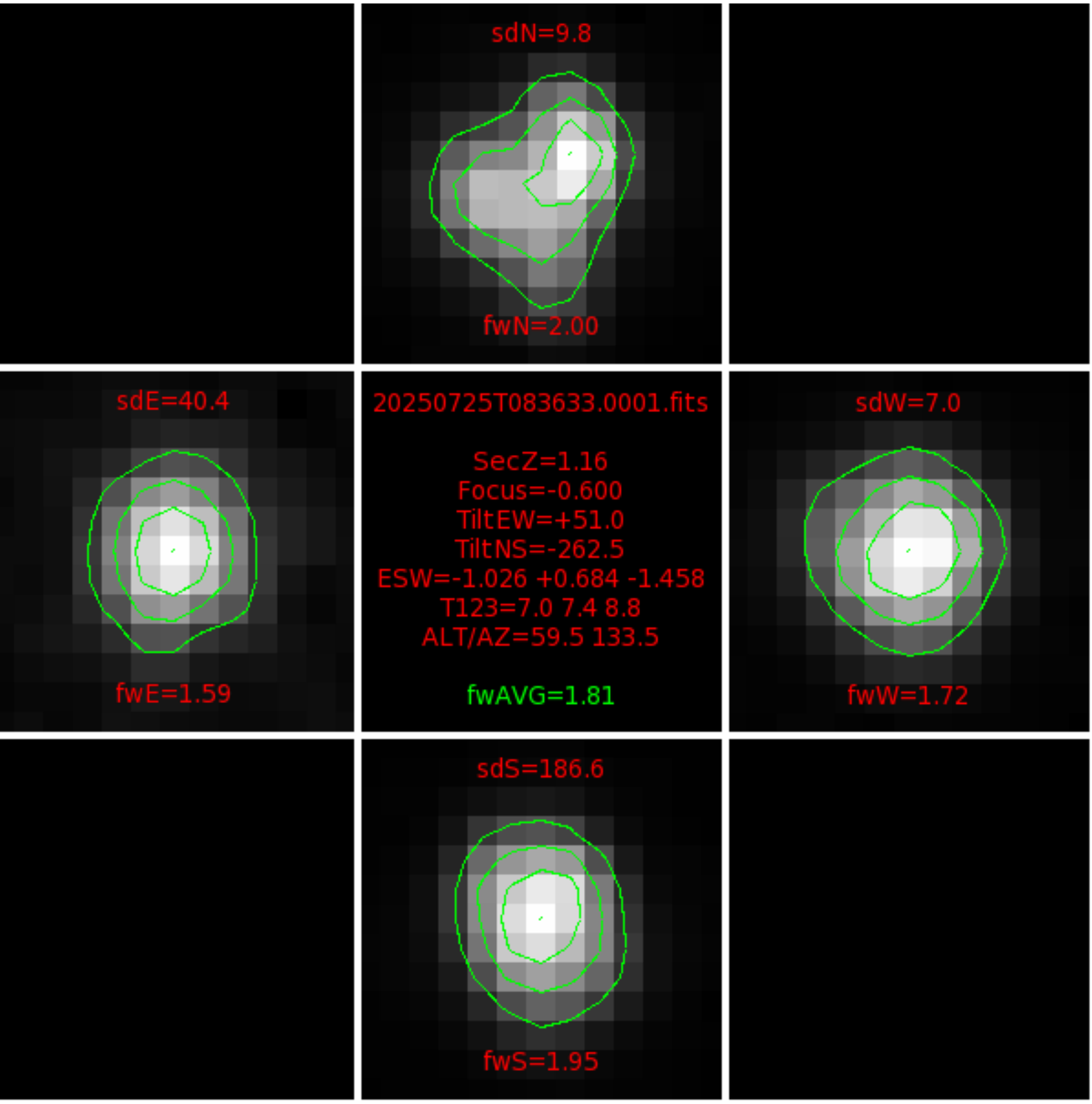
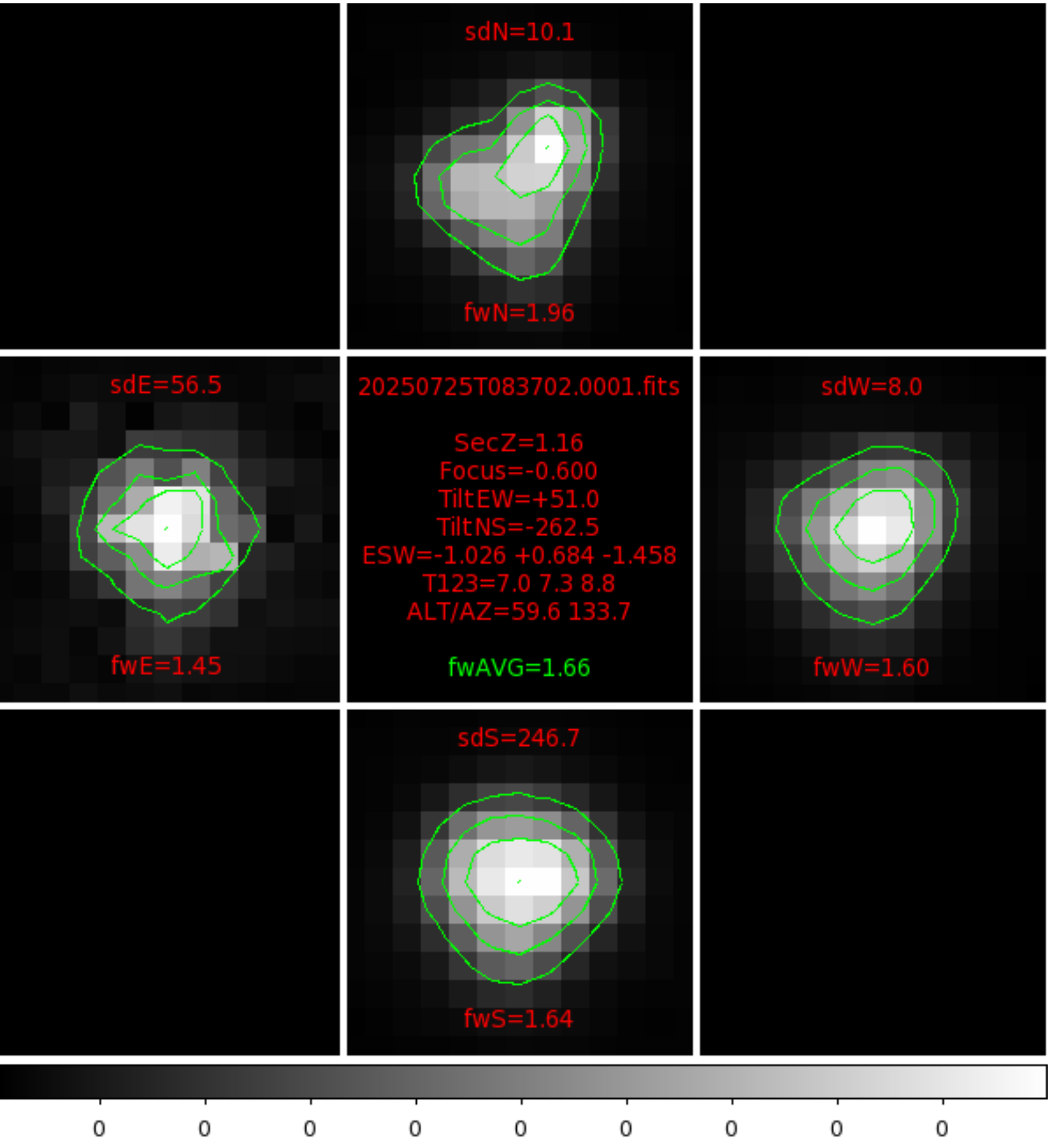
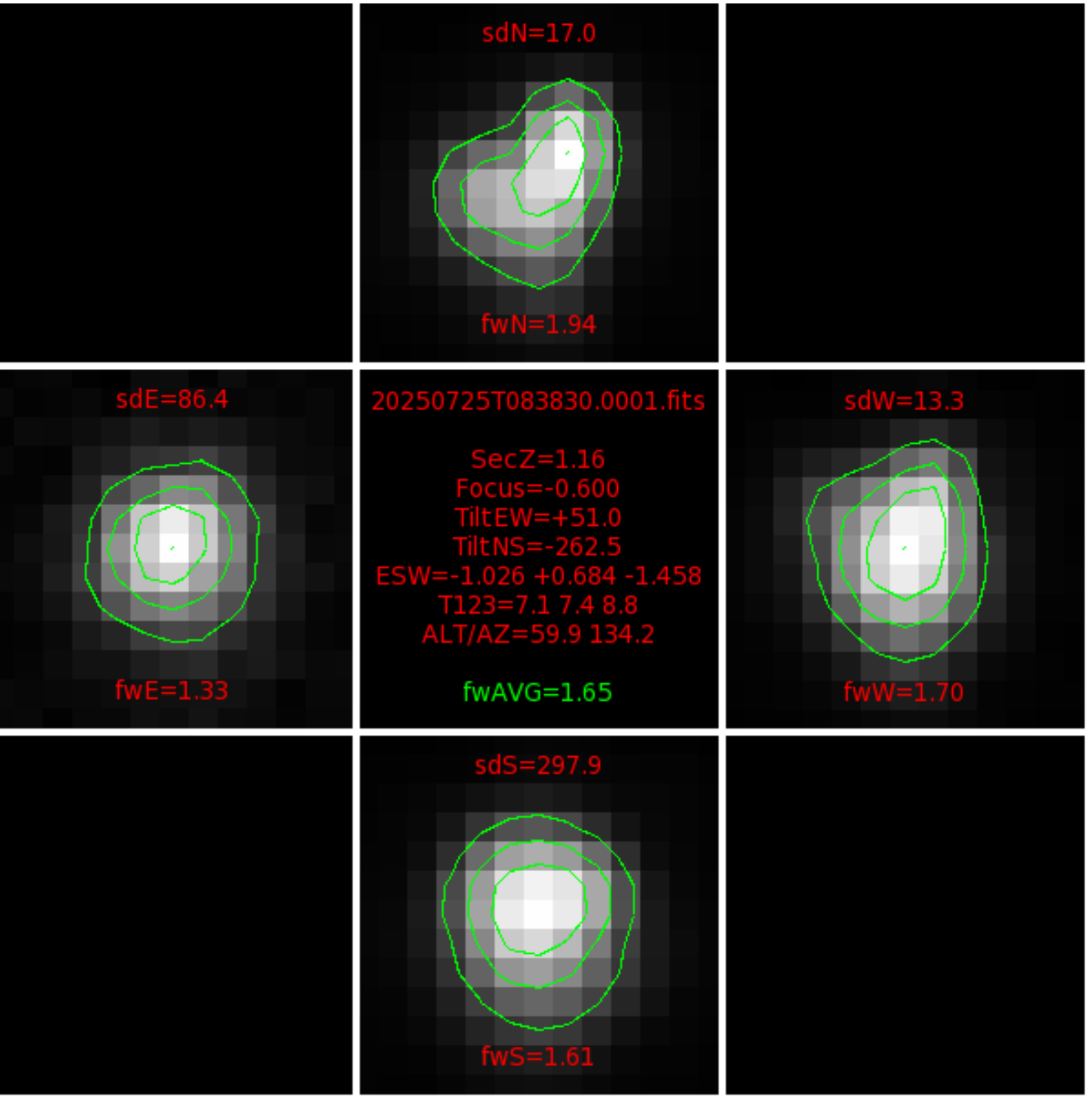
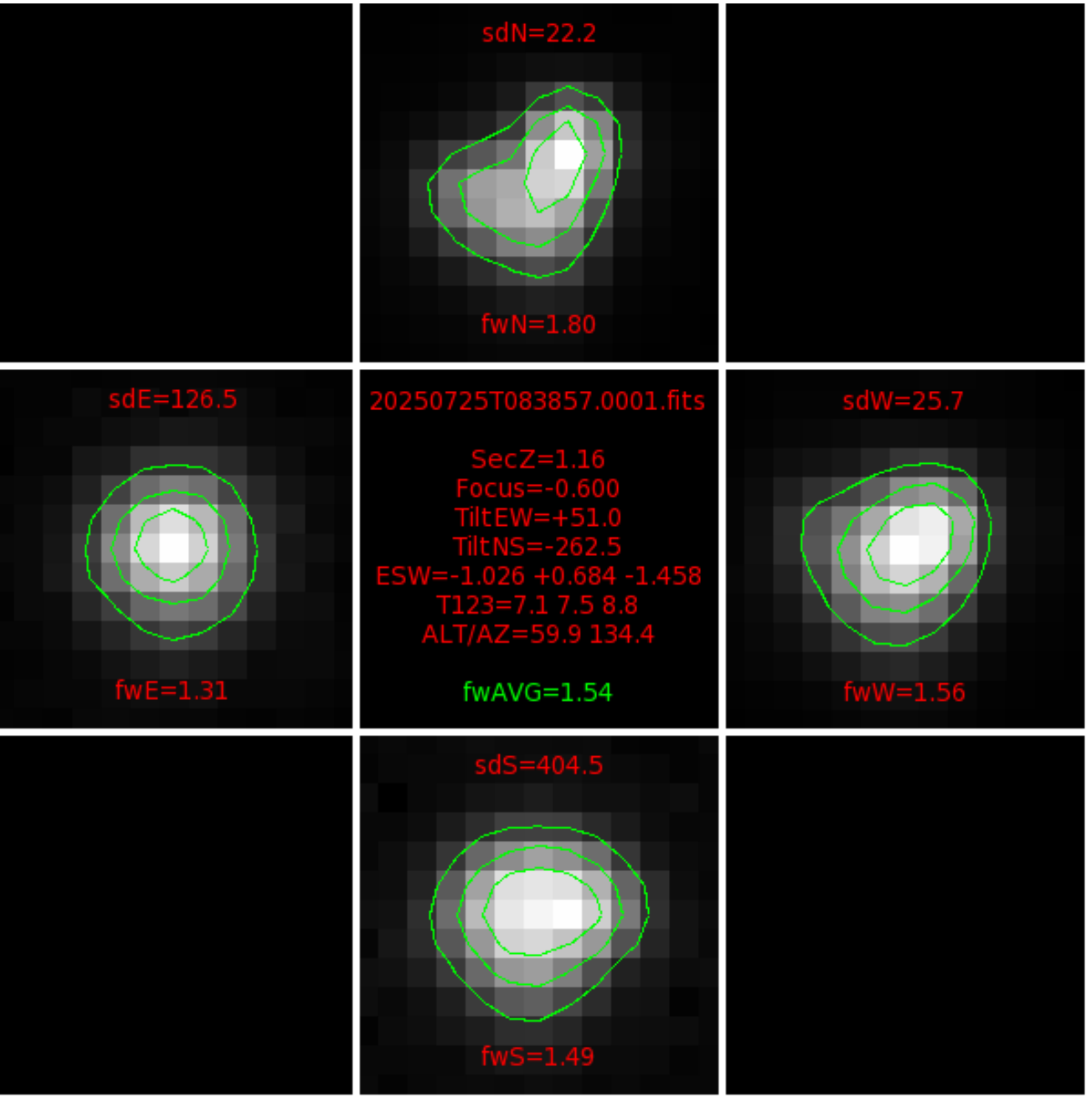
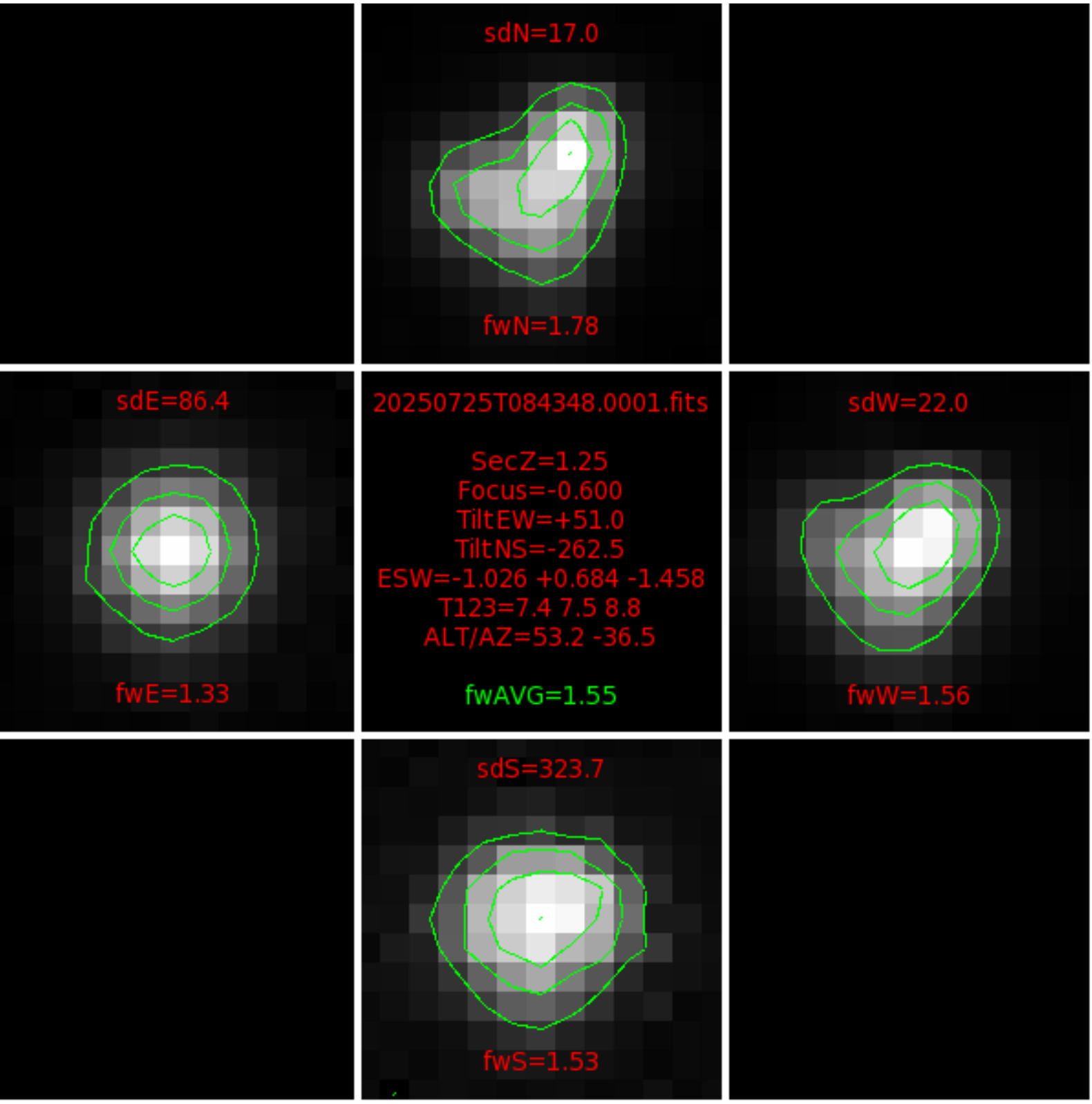
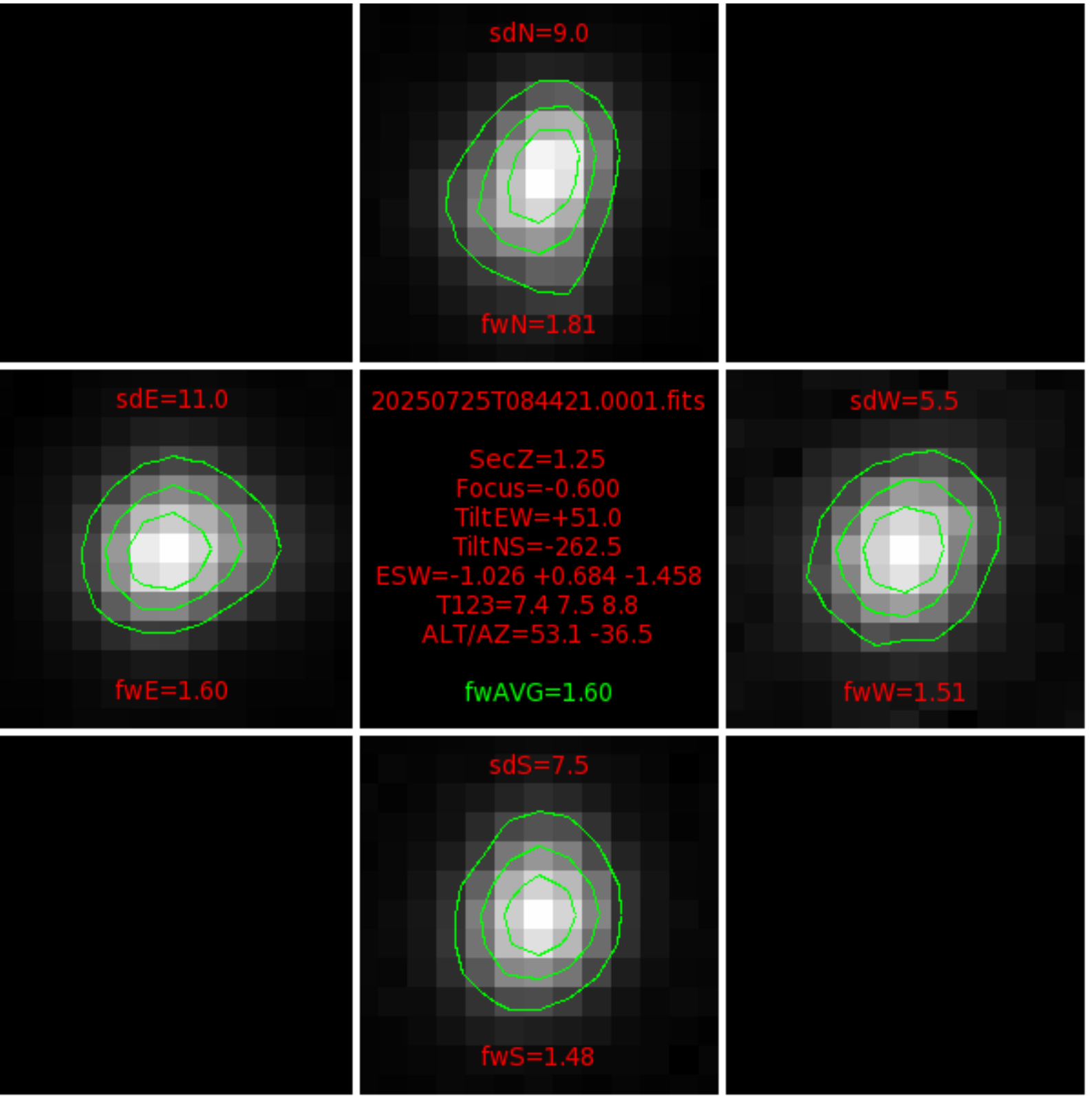

sdN=9.8
fwN=2.00
sdE=40.4
fwE=1.59
20250725T083633.0001.fits
SecZ=1.16
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.0 7.4 8.8
ALT/AZ=59.5 133.5
fwAVG=1.81
sdW=7.0
fwW=1.72
sdS=186.6
fwS=1.95
0 0 0 0 0 0 0 0 0

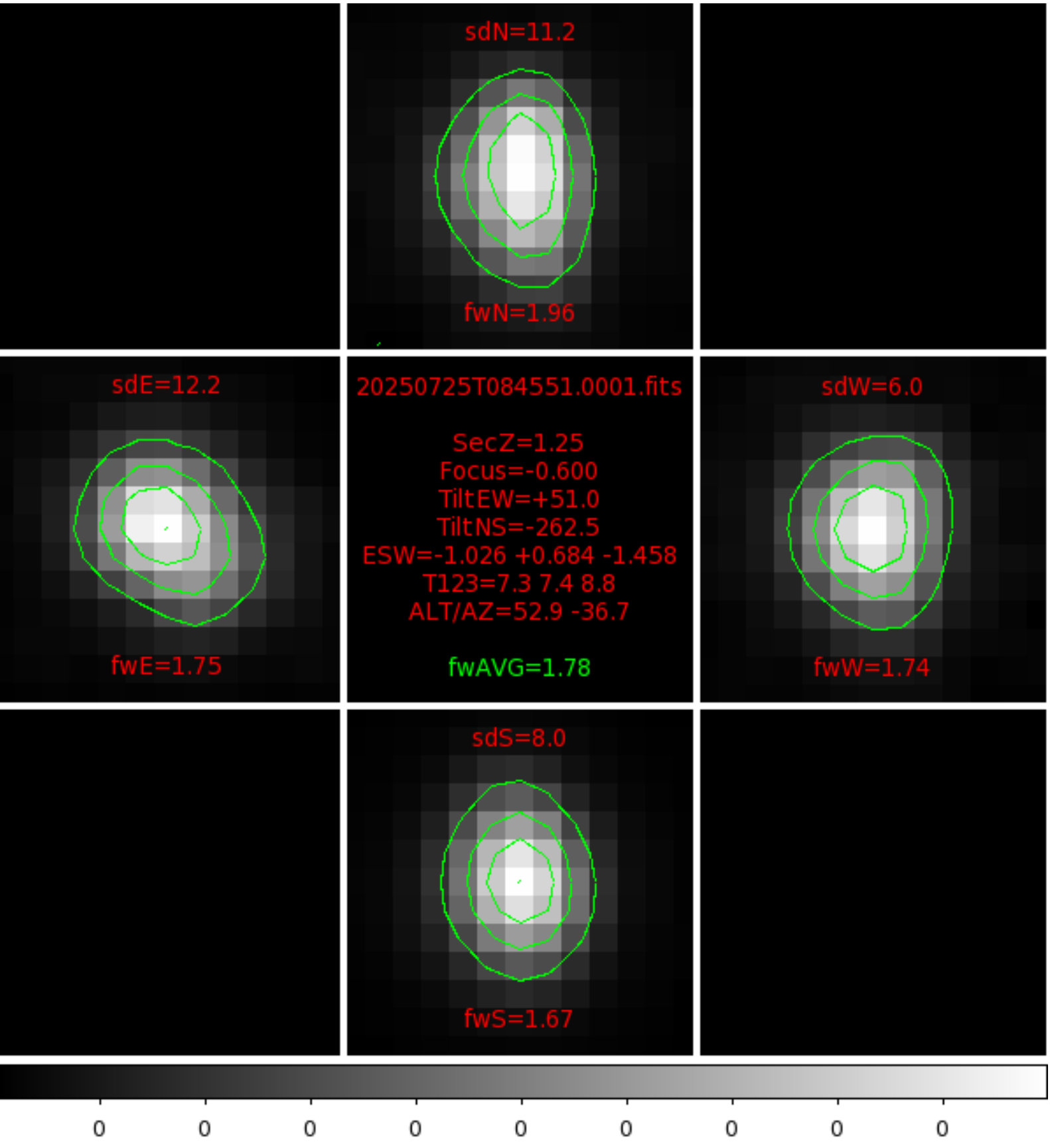

sdN=10.1
fwN=1.96
sdE=56.5
fwE=1.45
20250725T083702.0001.fits
SecZ=1.16
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.0 7.3 8.8
ALT/AZ=59.6 133.7
fwAVG=1.66
sdW=8.0
fwW=1.60
sdS=246.7
fwS=1.64
0 0 0 0 0 0 0 0 0

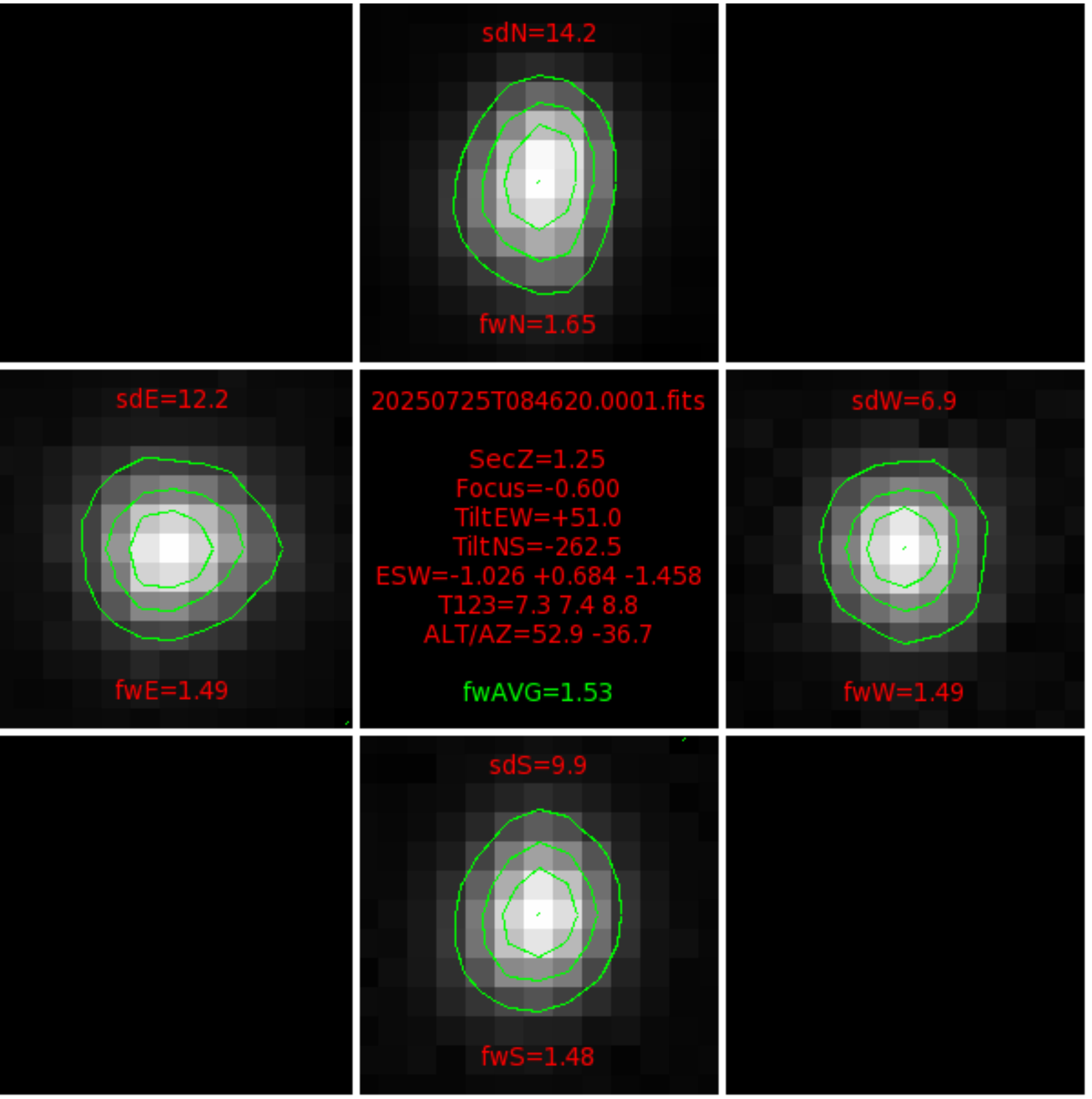

sdN=17.0
fwN=1.94
sdE=86.4
fwE=1.33
20250725T083830.0001.fits
SecZ=1.16
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 7.4 8.8
ALT/AZ=59.9 134.2
fwAVG=1.65
sdW=13.3
fwW=1.70
sdS=297.9
fwS=1.61
0 0 0 0 0 0 0 0 0

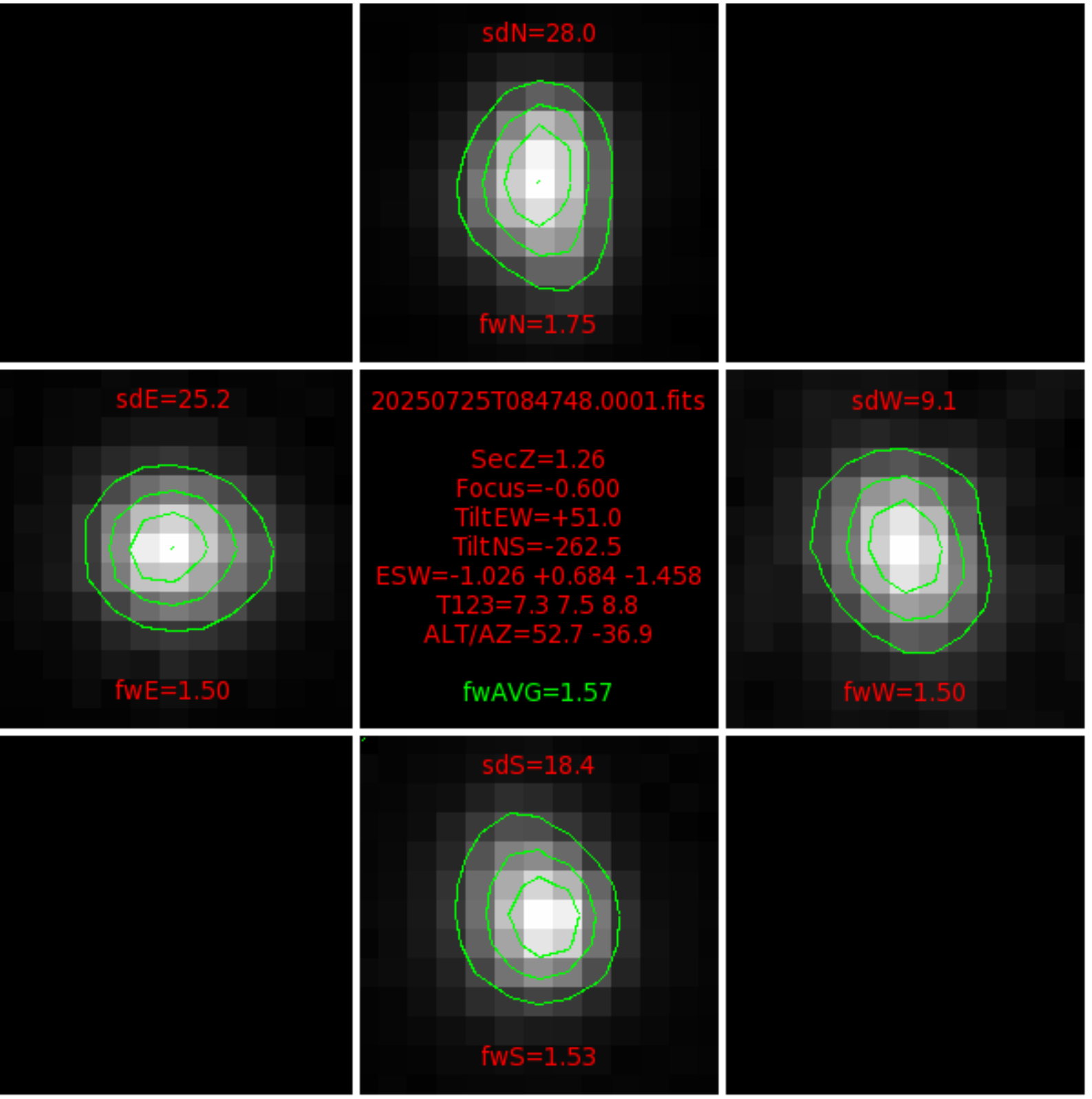

sdN=22.2
fwN=1.80
sdE=126.5
fwE=1.31
20250725T083857.0001.fits
SecZ=1.16
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 7.5 8.8
ALT/AZ=59.9 134.4
fwAVG=1.54
sdW=25.7
fwW=1.56
sdS=404.5
fwS=1.49
0 0 0 0 0 0 0 0 0

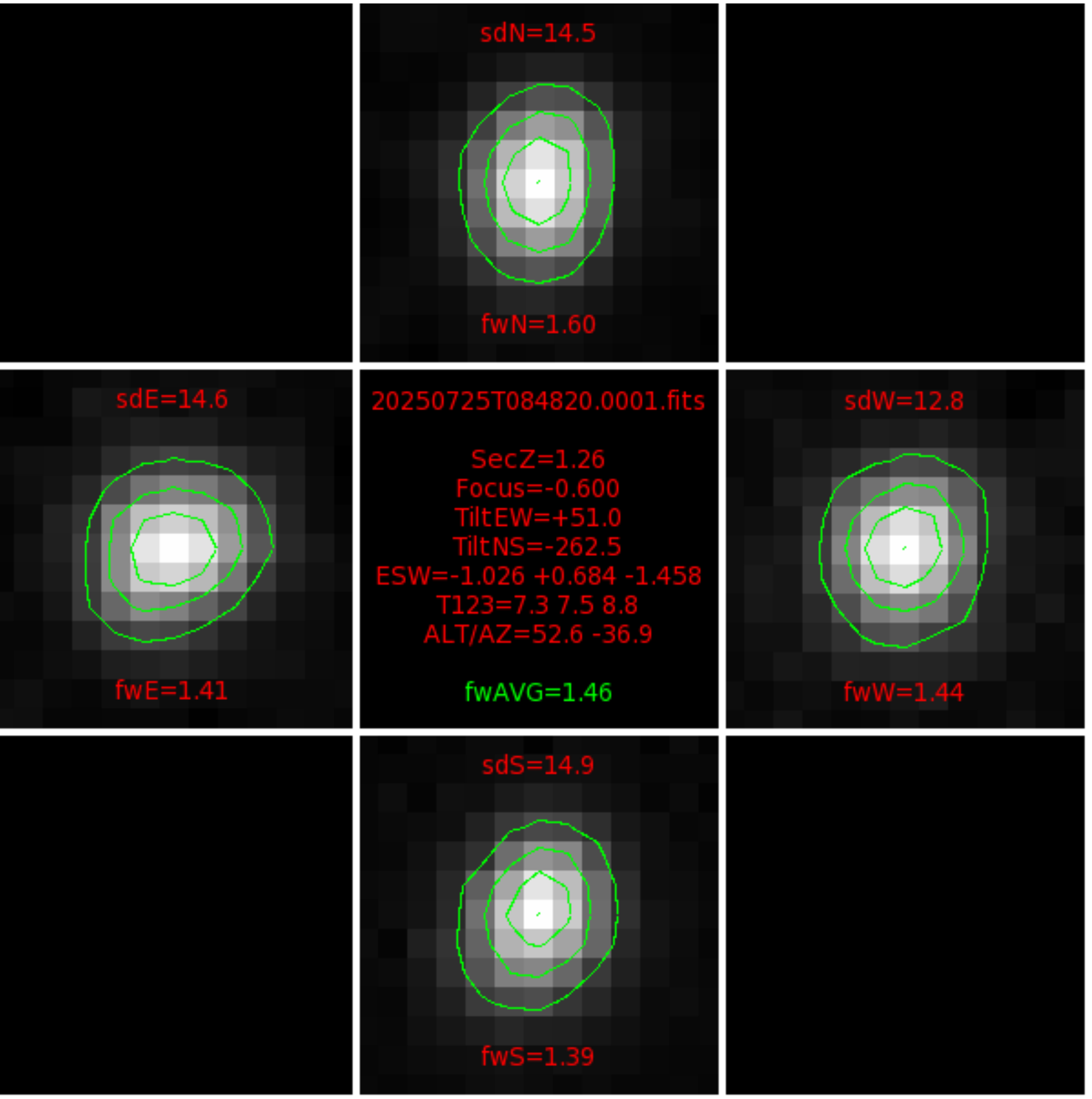

sdN=17.0
fwN=1.78
sdE=86.4
fwE=1.33
20250725T084348.0001.fits
SecZ=1.25
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.4 7.5 8.8
ALT/AZ=53.2 -36.5
fwAVG=1.55
sdW=22.0
fwW=1.56
sdS=323.7
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=9.0
fwN=1.81
sdE=11.0
fwE=1.60
20250725T084421.0001.fits
SecZ=1.25
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.4 7.5 8.8
ALT/AZ=53.1 -36.5
fwAVG=1.60
sdW=5.5
fwW=1.51
sdS=7.5
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=11.2
fwN=1.96
sdE=12.2
fwE=1.75
20250725T084551.0001.fits
SecZ=1.25
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.3 7.4 8.8
ALT/AZ=52.9 -36.7
fwAVG=1.78
sdW=6.0
fwW=1.74
sdS=8.0
fwS=1.67
0 0 0 0 0 0 0 0 0


sdN=14.2
fwN=1.65
sdE=12.2
fwE=1.49
20250725T084620.0001.fits
SecZ=1.25
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.3 7.4 8.8
ALT/AZ=52.9 -36.7
fwAVG=1.53
sdW=6.9
fwW=1.49
sdS=9.9
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=28.0
fwN=1.75
sdE=25.2
fwE=1.50
20250725T084748.0001.fits
SecZ=1.26
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.3 7.5 8.8
ALT/AZ=52.7 -36.9
fwAVG=1.57
sdW=9.1
fwW=1.50
sdS=18.4
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=14.5
fwN=1.60
sdE=14.6
fwE=1.41
20250725T084820.0001.fits
SecZ=1.26
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.3 7.5 8.8
ALT/AZ=52.6 -36.9
fwAVG=1.46
sdW=12.8
fwW=1.44
sdS=14.9
fwS=1.39
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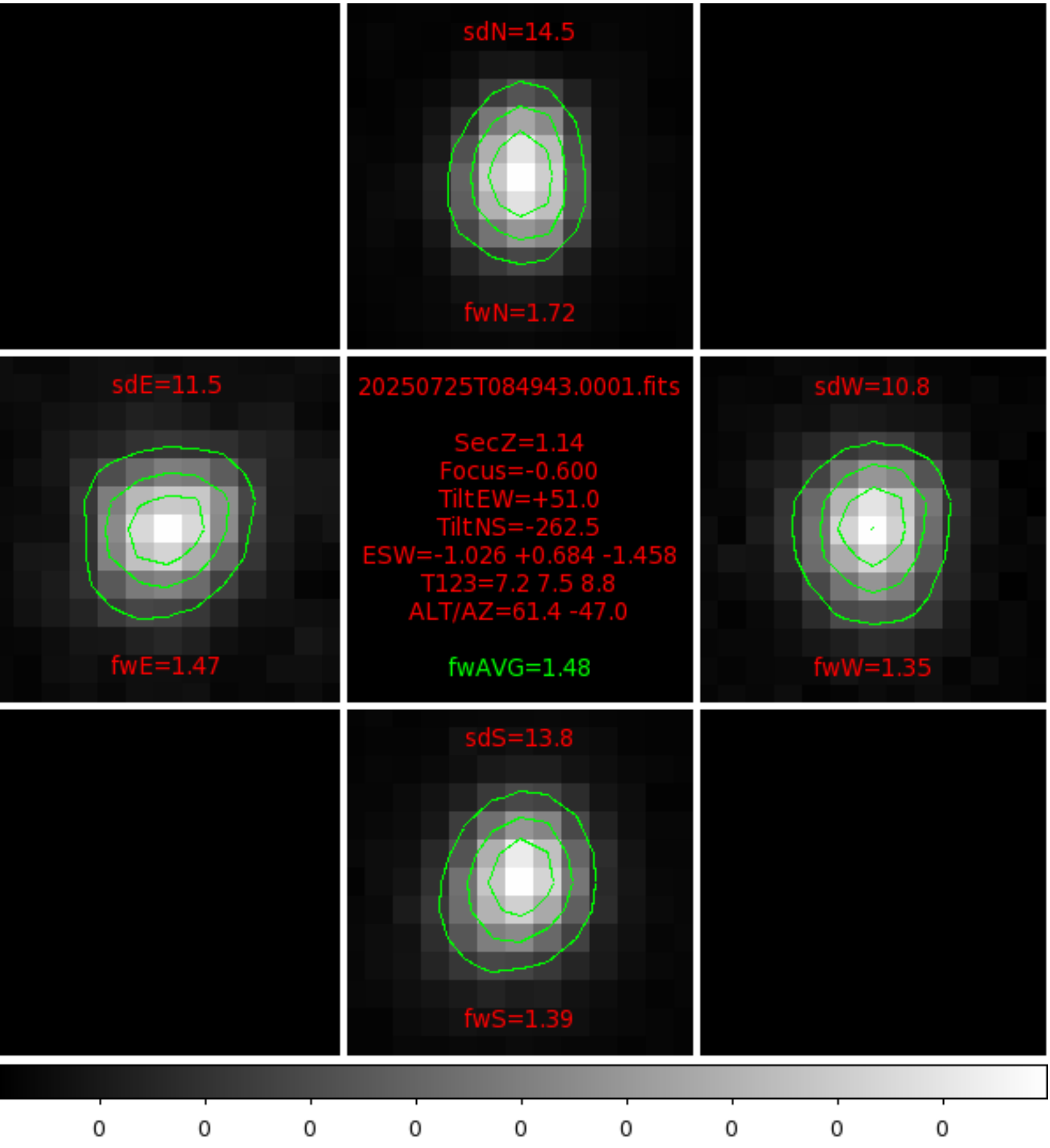
sdN=14.5
fwN=1.72
sdE=11.5
fwE=1.47
20250725T084943.0001.fits
SecZ=1.14
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.2 7.5 8.8
ALT/AZ=61.4 -47.0
fwAVG=1.48
sdW=10.8
fwW=1.35
sdS=13.8
fwS=1.39
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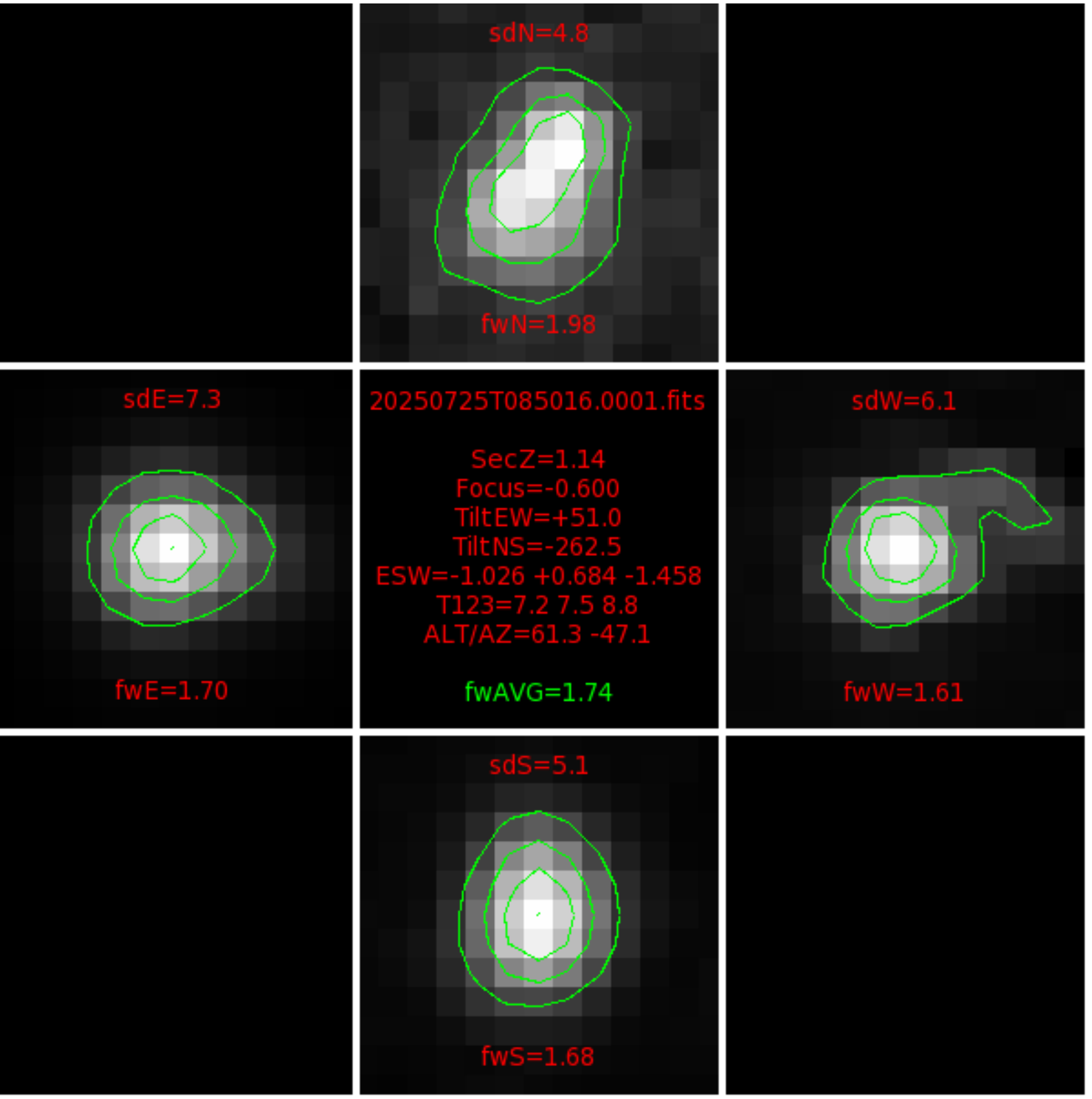
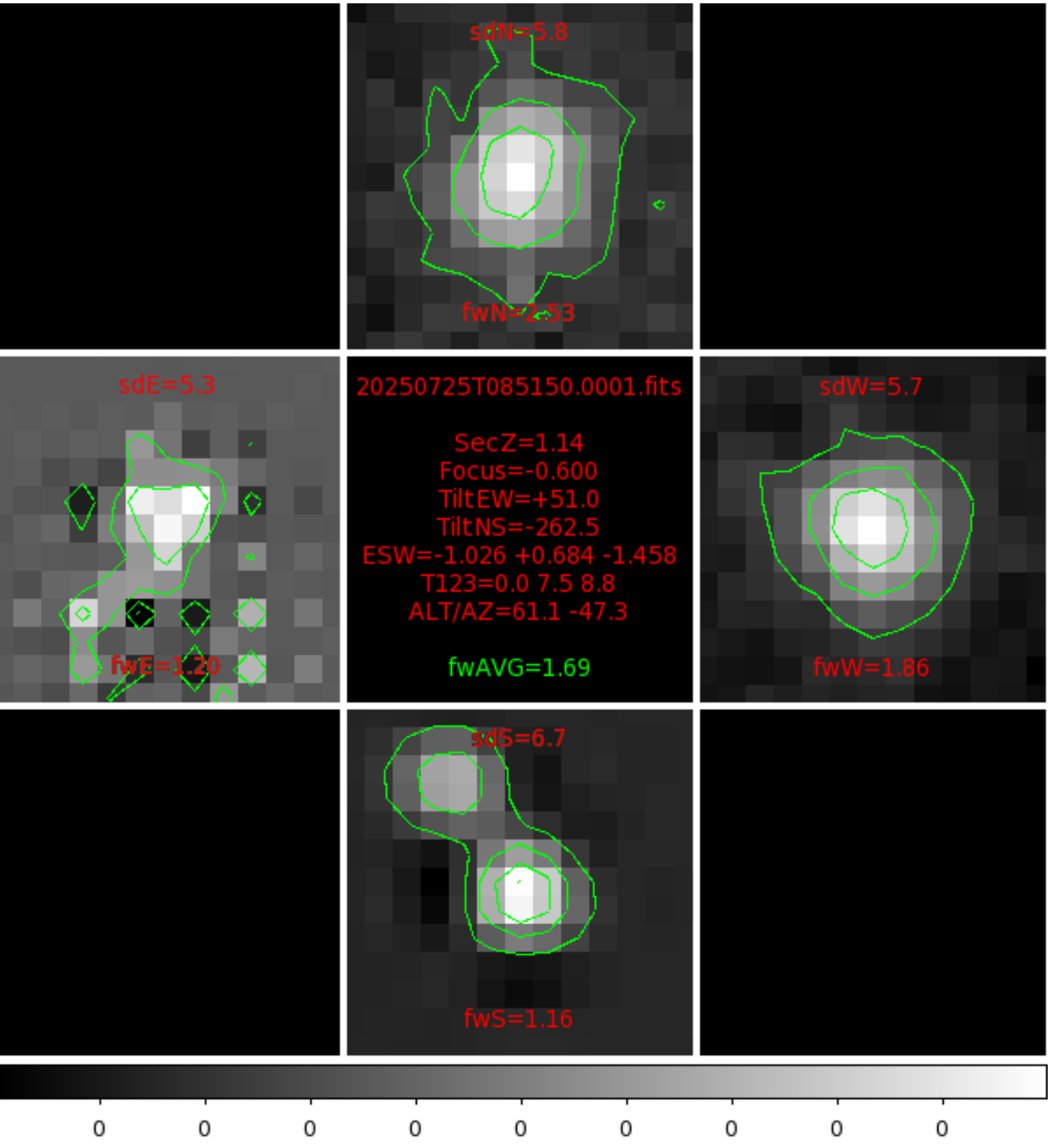

sdN=4.8
fwN=1.98
sdE=7.3
fwE=1.70
20250725T085016.0001.fits
SecZ=1.14
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.2 7.5 8.8
ALT/AZ=61.3 -47.1
fwAVG=1.74
sdW=6.1
fwW=1.61
sdS=5.1
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=5.8
fwN=2.53
sdE=5.3
fwE=1.20
20250725T085150.0001.fits
SecZ=1.14
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=0.0 7.5 8.8
ALT/AZ=61.1 -47.3
fwAVG=1.69
sdW=5.7
fwW=1.86
sdS=6.7
fwS=1.16
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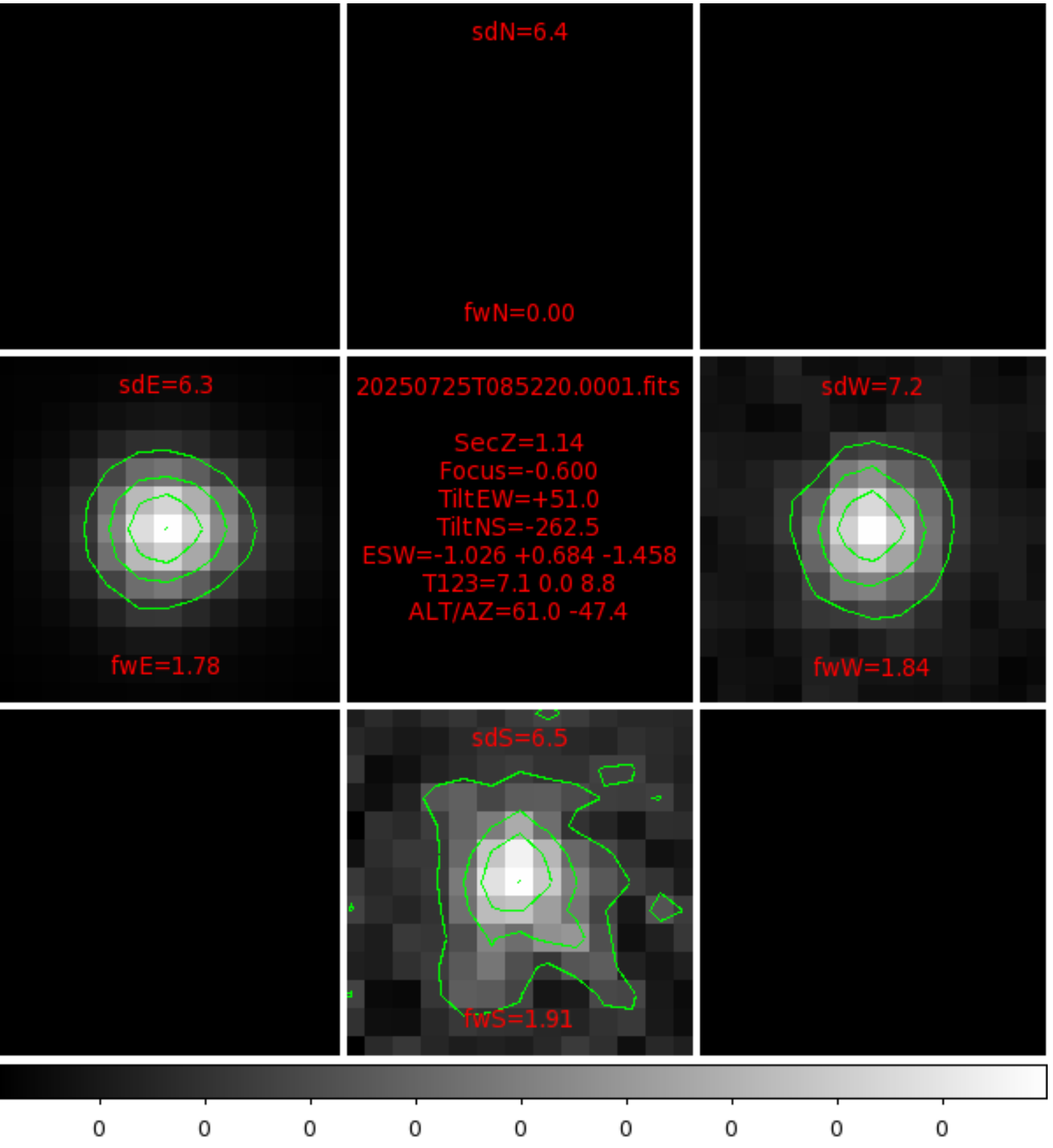
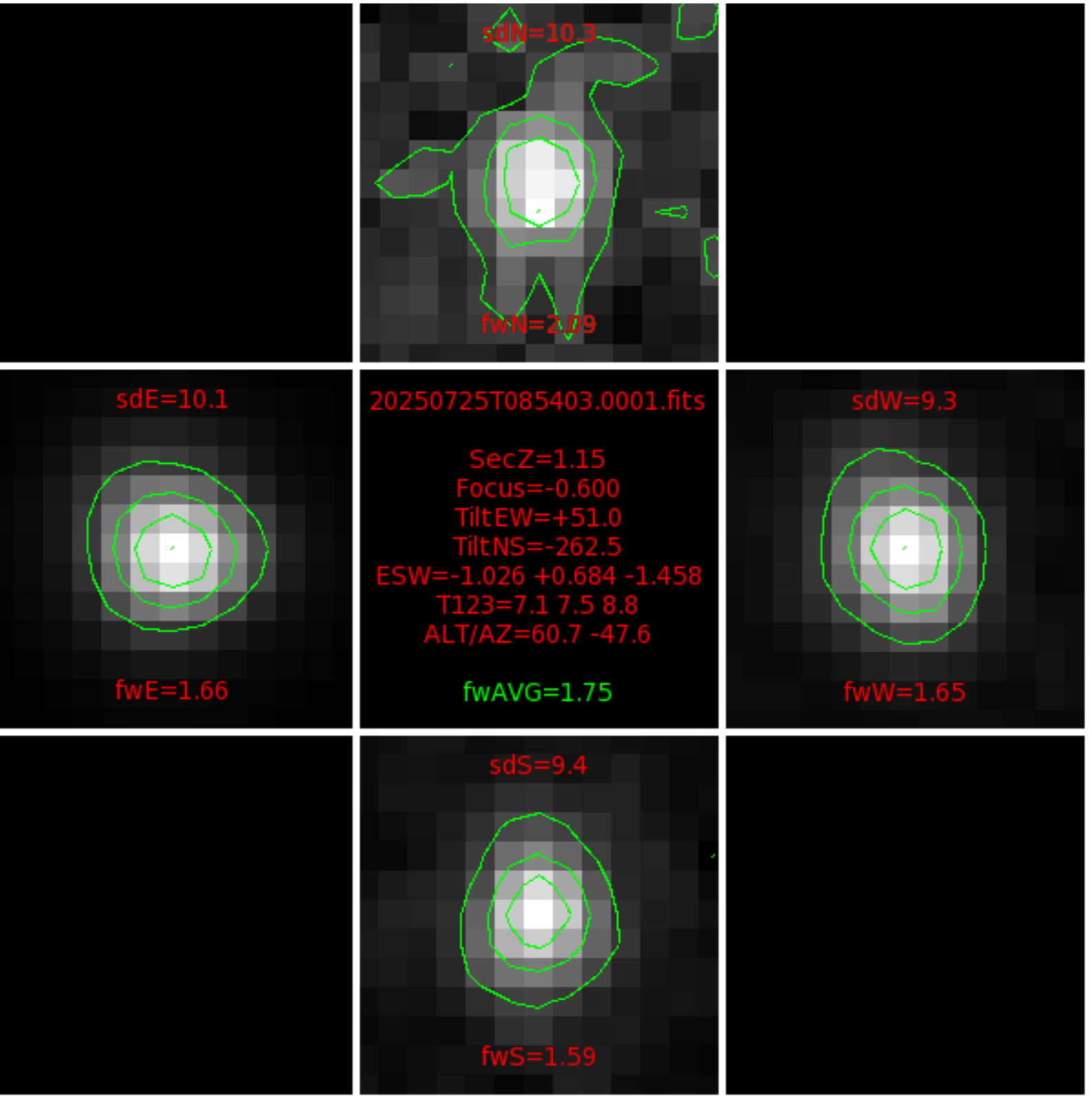
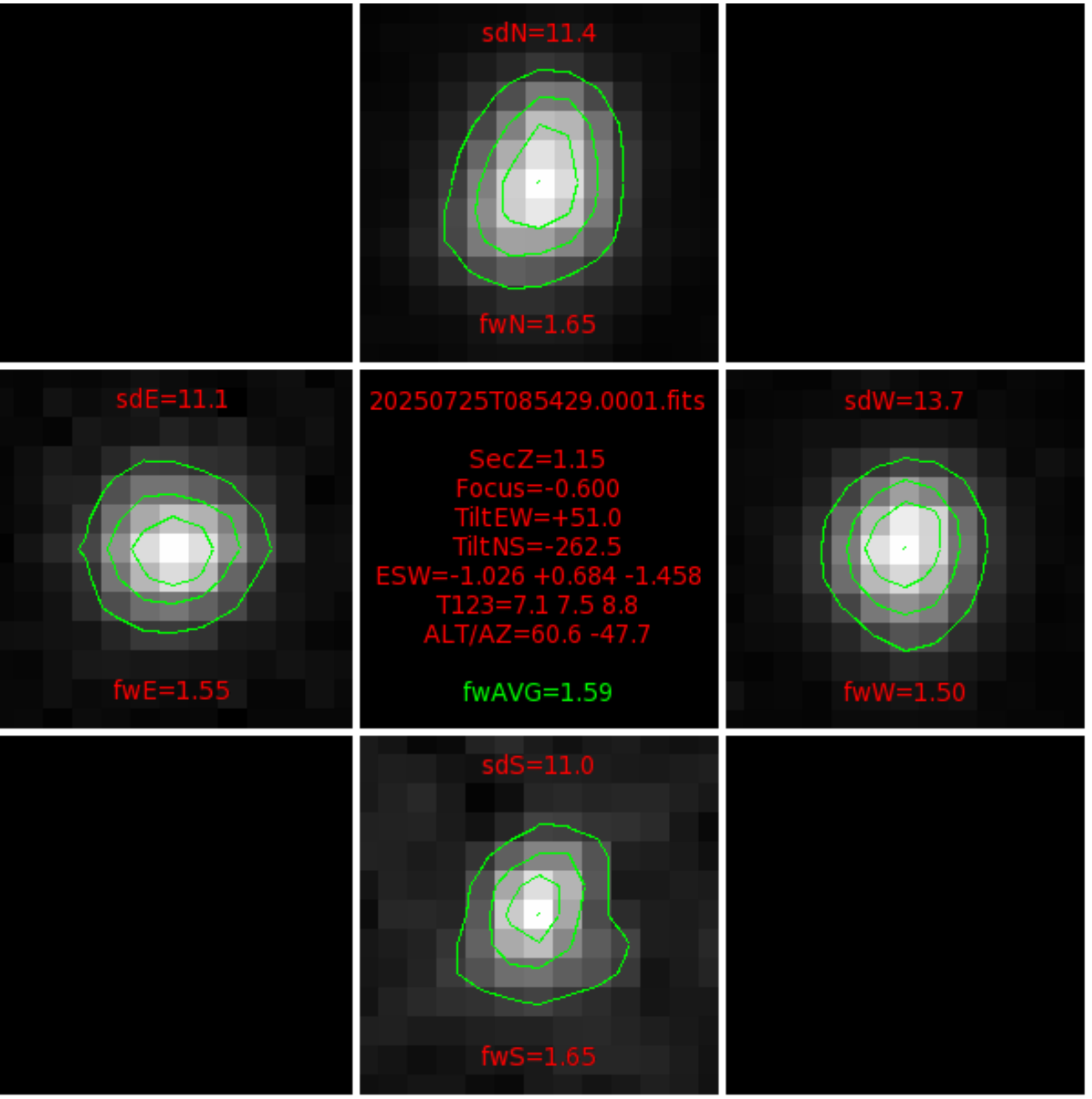
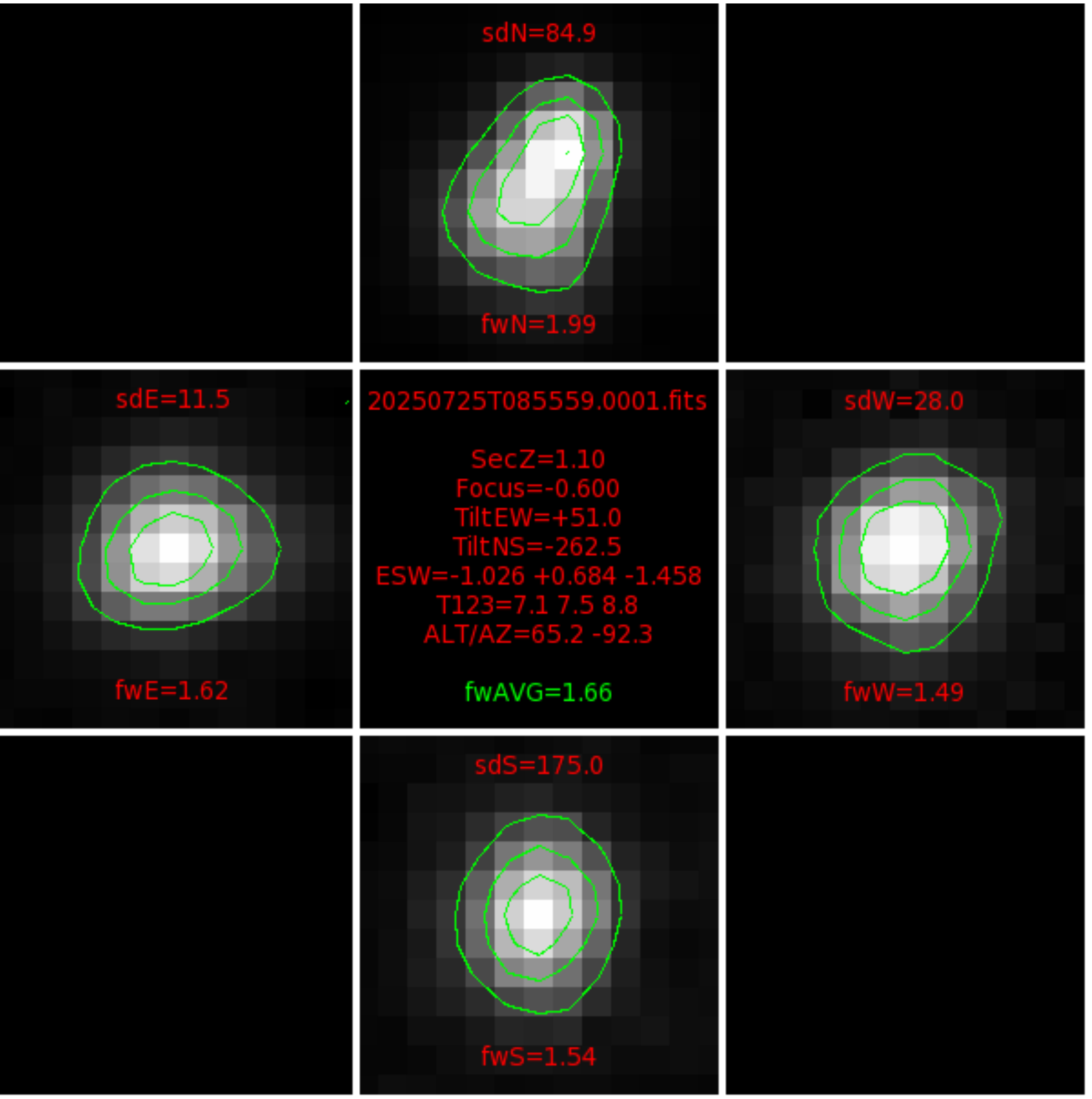

sdN=6.4
fwN=0.00
sdE=6.3
fwE=1.78
20250725T085220.0001.fits
SecZ=1.14
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 0.0 8.8
ALT/AZ=61.0 -47.4
sdW=7.2
fwW=1.84
sdS=6.5
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=10.3
fwN=2.09
sdE=10.1
fwE=1.66
20250725T085403.0001.fits
SecZ=1.15
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 7.5 8.8
ALT/AZ=60.7 -47.6
fwAVG=1.75
sdW=9.3
fwW=1.65
sdS=9.4
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=11.4
fwN=1.65
sdE=11.1
fwE=1.55
20250725T085429.0001.fits
SecZ=1.15
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 7.5 8.8
ALT/AZ=60.6 -47.7
fwAVG=1.59
sdW=13.7
fwW=1.50
sdS=11.0
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=84.9
fwN=1.99
sdE=11.5
fwE=1.62
20250725T085559.0001.fits
SecZ=1.10
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 7.5 8.8
ALT/AZ=65.2 -92.3
fwAVG=1.66
sdW=28.0
fwW=1.49
sdS=175.0
fwS=1.54
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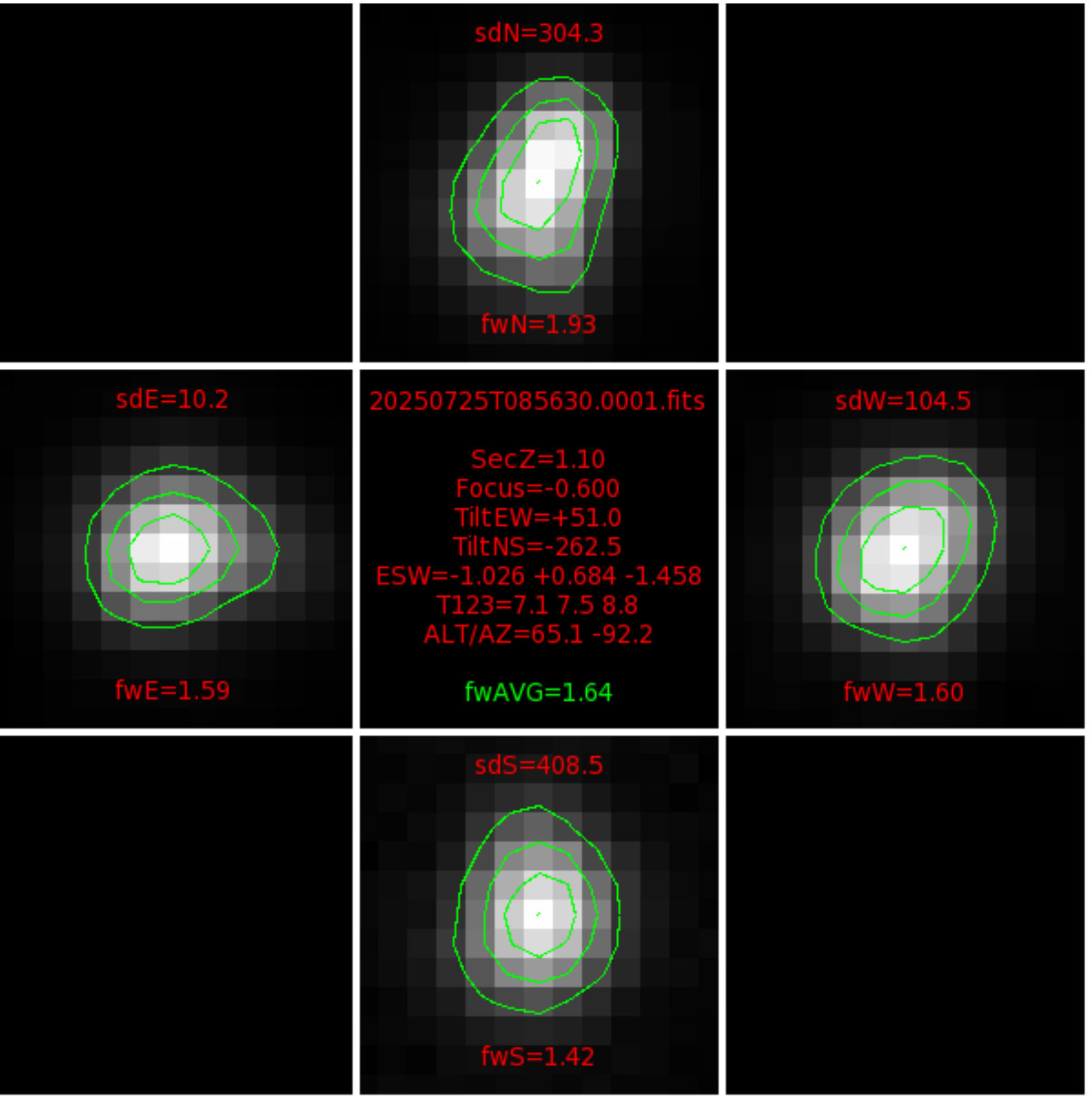
sdN=304.3
fwN=1.93
sdE=10.2
fwE=1.59
20250725T085630.0001.fits
SecZ=1.10
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 7.5 8.8
ALT/AZ=65.1 -92.2
fwAVG=1.64
sdW=104.5
fwW=1.60
sdS=408.5
fwS=1.42
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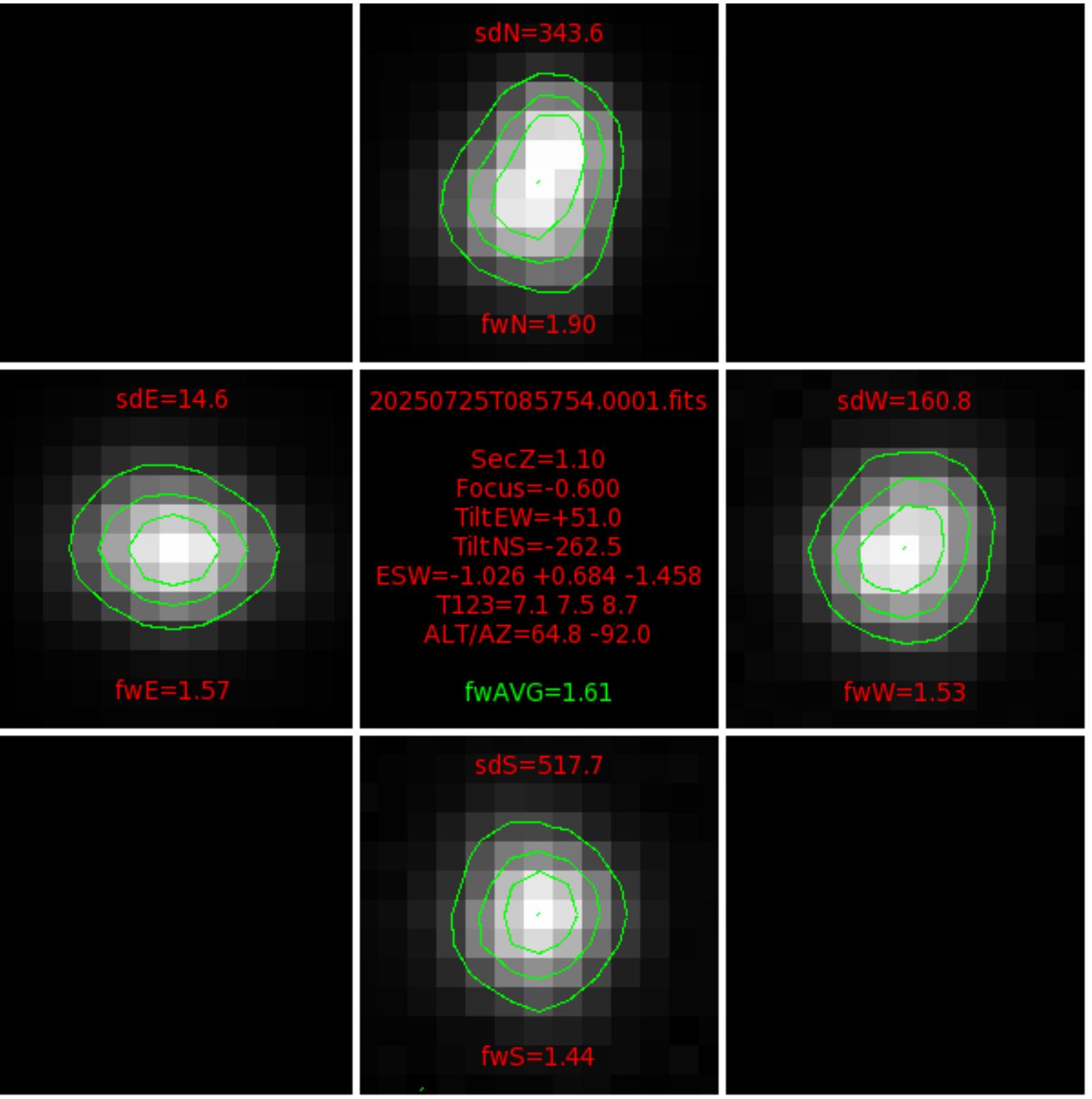
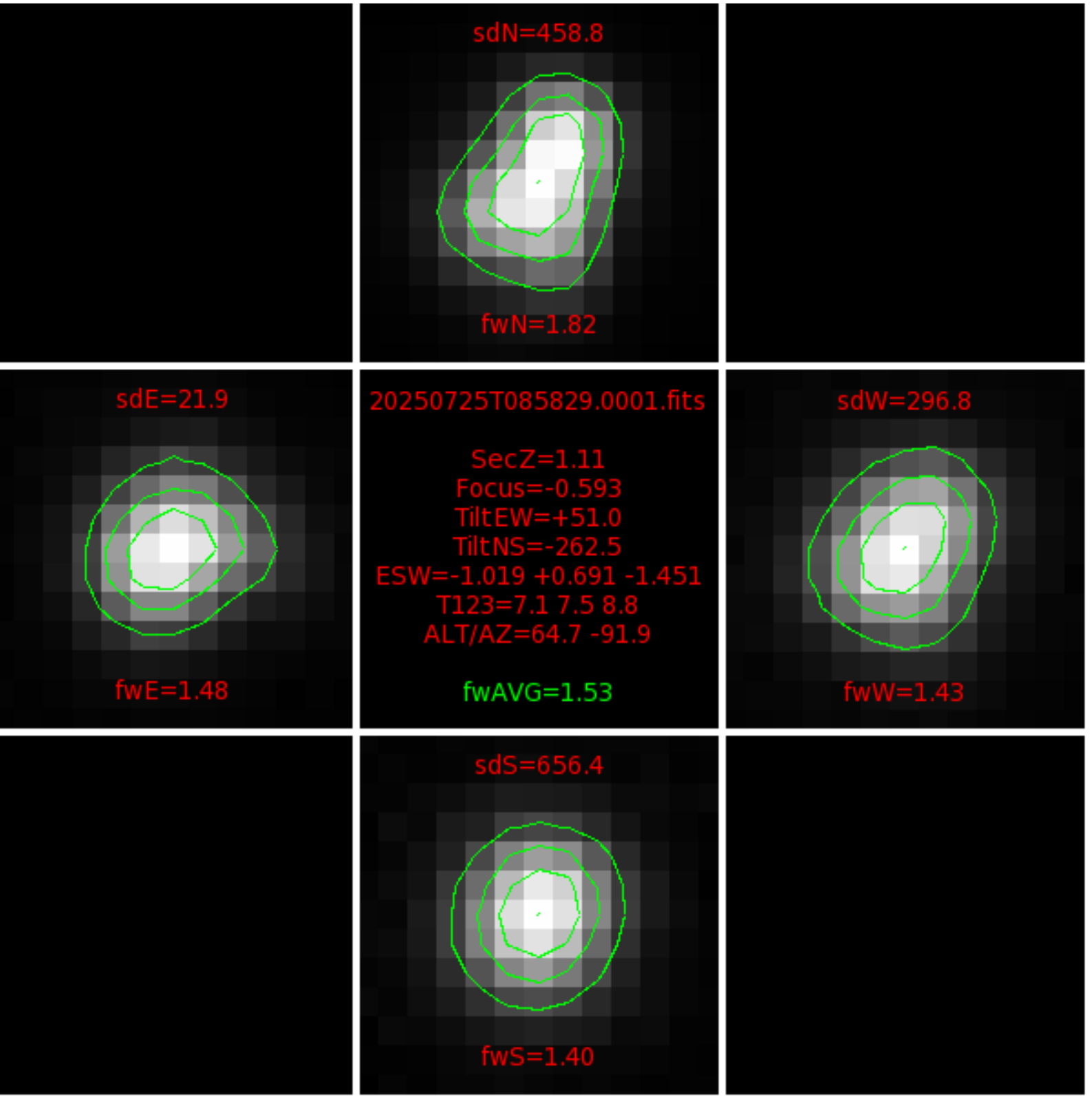

sdN=343.6
fwN=1.90
sdE=14.6
fwE=1.57
20250725T085754.0001.fits
SecZ=1.10
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 7.5 8.7
ALT/AZ=64.8 -92.0
fwAVG=1.61
sdW=160.8
fwW=1.53
sdS=517.7
fwS=1.44
0 0 0 0 0 0 0 0 0


sdN=458.8
fwN=1.82
sdE=21.9
fwE=1.48
20250725T085829.0001.fits
SecZ=1.11
Focus=-0.593
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.019 +0.691 -1.451
T123=7.1 7.5 8.8
ALT/AZ=64.7 -91.9
fwAVG=1.53
sdW=296.8
fwW=1.43
sdS=656.4
fwS=1.40
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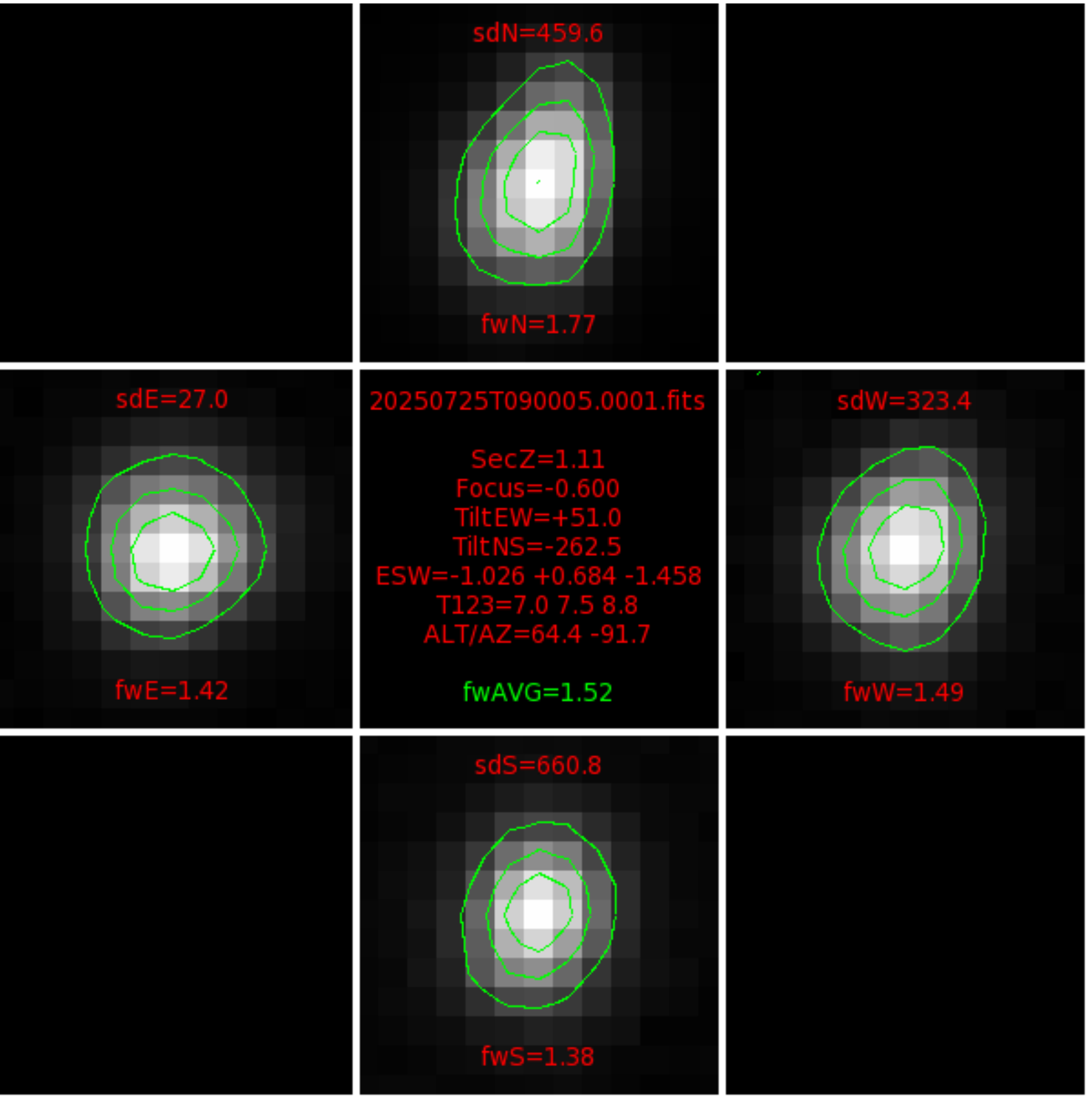
sdN=459.6
fwN=1.77
sdE=27.0
fwE=1.42
20250725T090005.0001.fits
SecZ=1.11
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.0 7.5 8.8
ALT/AZ=64.4 -91.7
fwAVG=1.52
sdW=323.4
fwW=1.49
sdS=660.8
fwS=1.38
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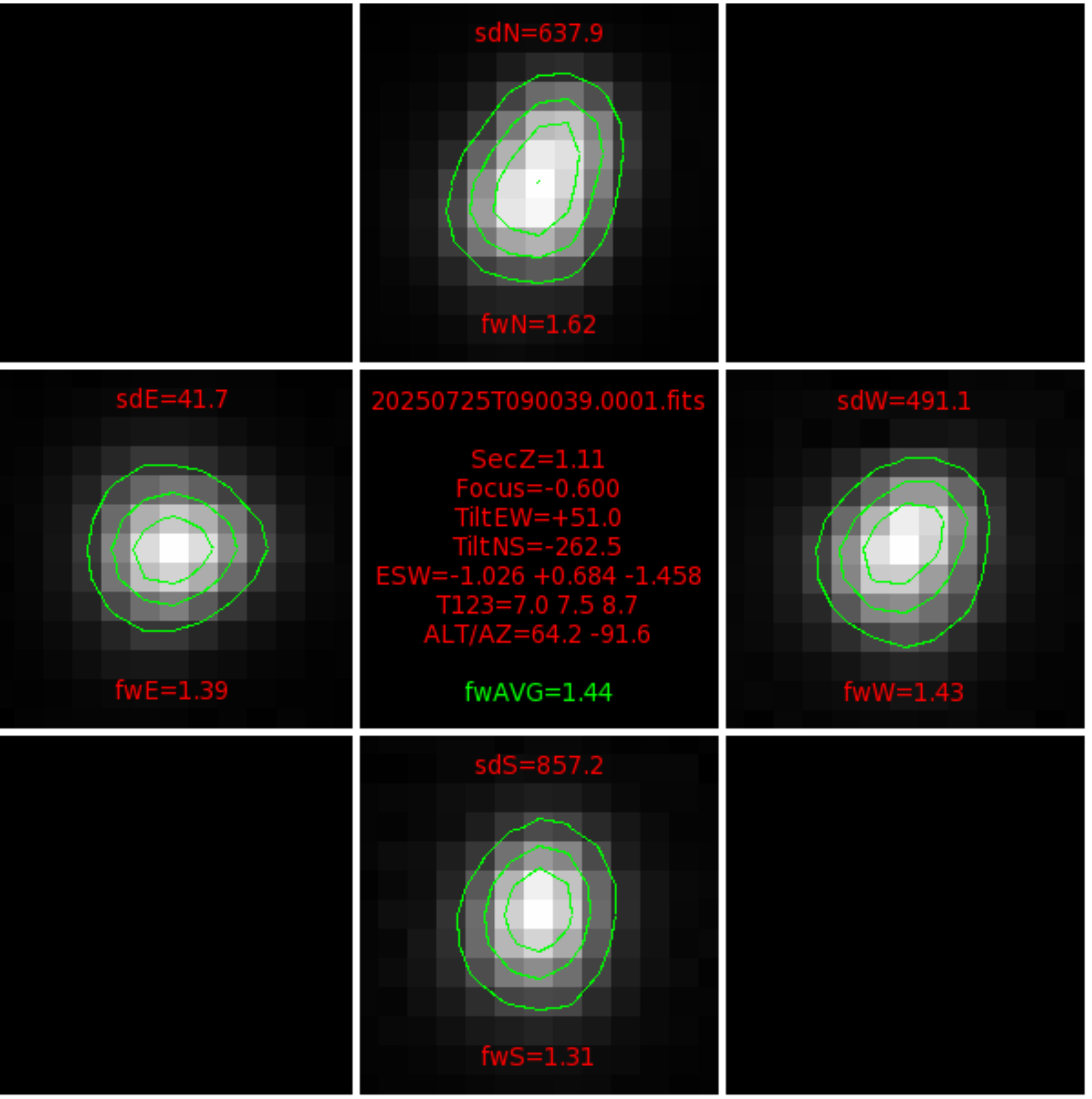
sdN=637.9
fwN=1.62
sdE=41.7
fwE=1.39
20250725T090039.0001.fits
SecZ=1.11
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.0 7.5 8.7
ALT/AZ=64.2 -91.6
fwAVG=1.44
sdW=491.1
fwW=1.43
sdS=857.2
fwS=1.31
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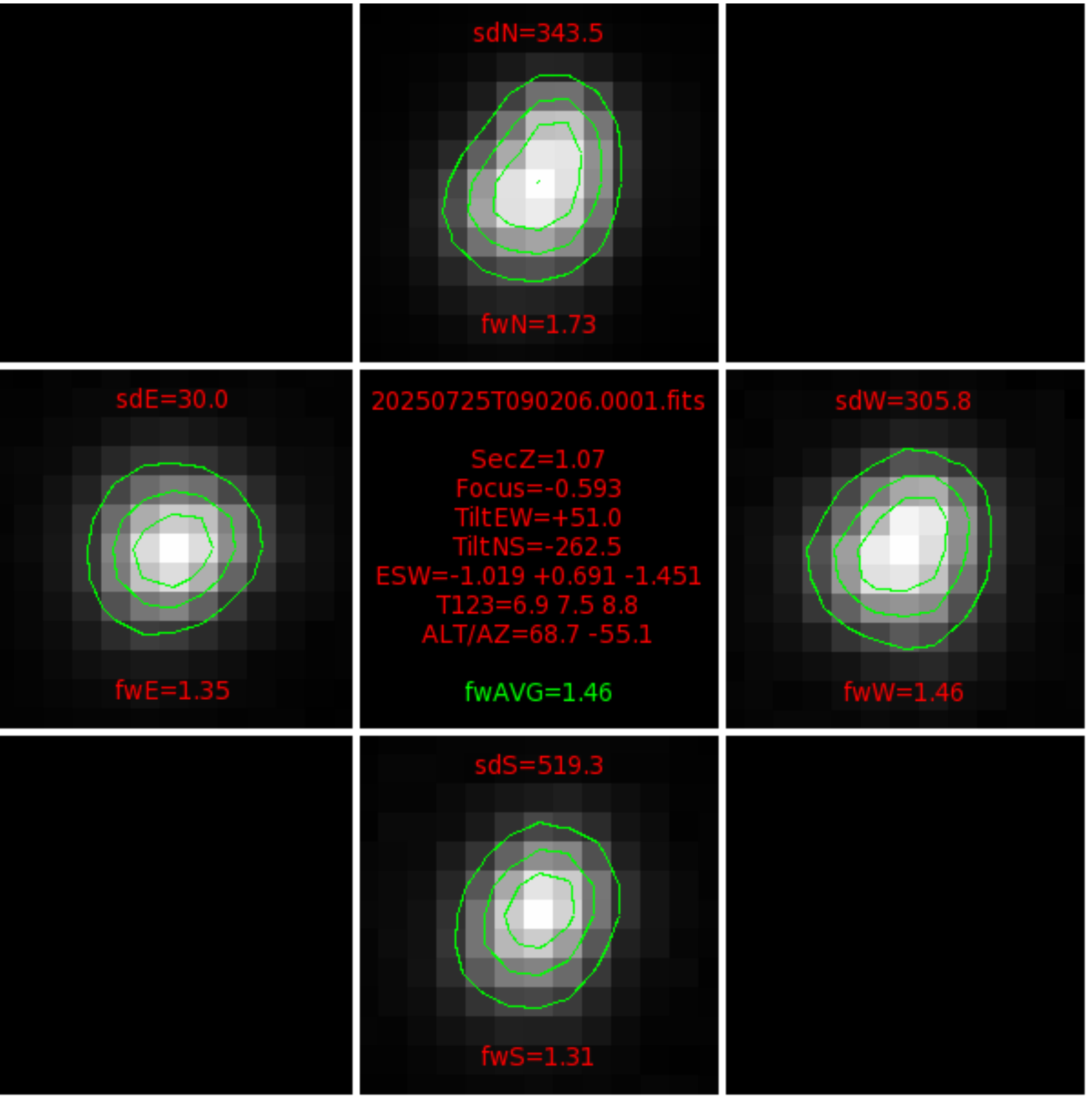
sdN=343.5
fwN=1.73
sdE=30.0
fwE=1.35
20250725T090206.0001.fits
SecZ=1.07
Focus=-0.593
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.019 +0.691 -1.451
T123=6.9 7.5 8.8
ALT/AZ=68.7 -55.1
fwAVG=1.46
sdW=305.8
fwW=1.46
sdS=519.3
fwS=1.31
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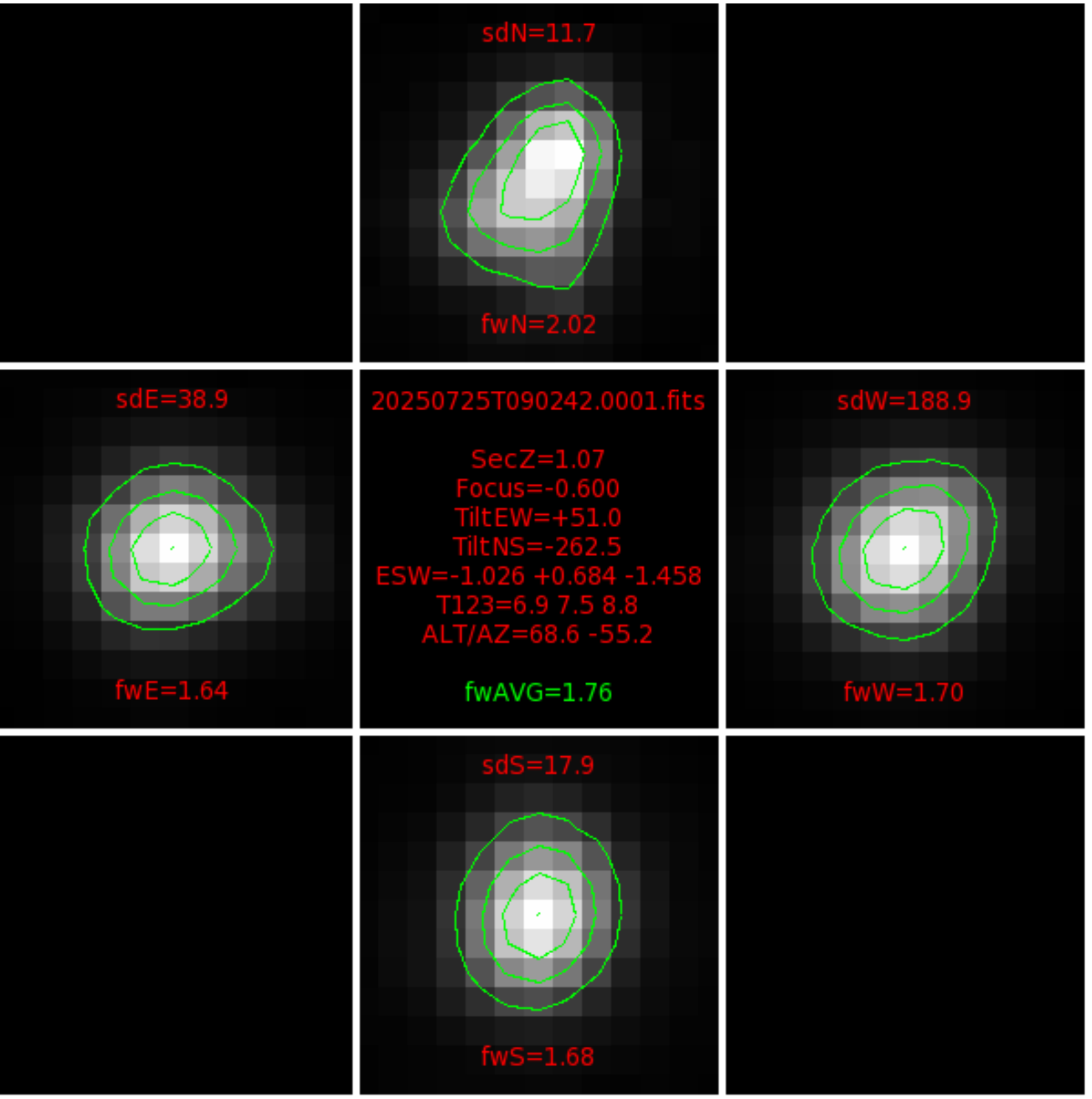
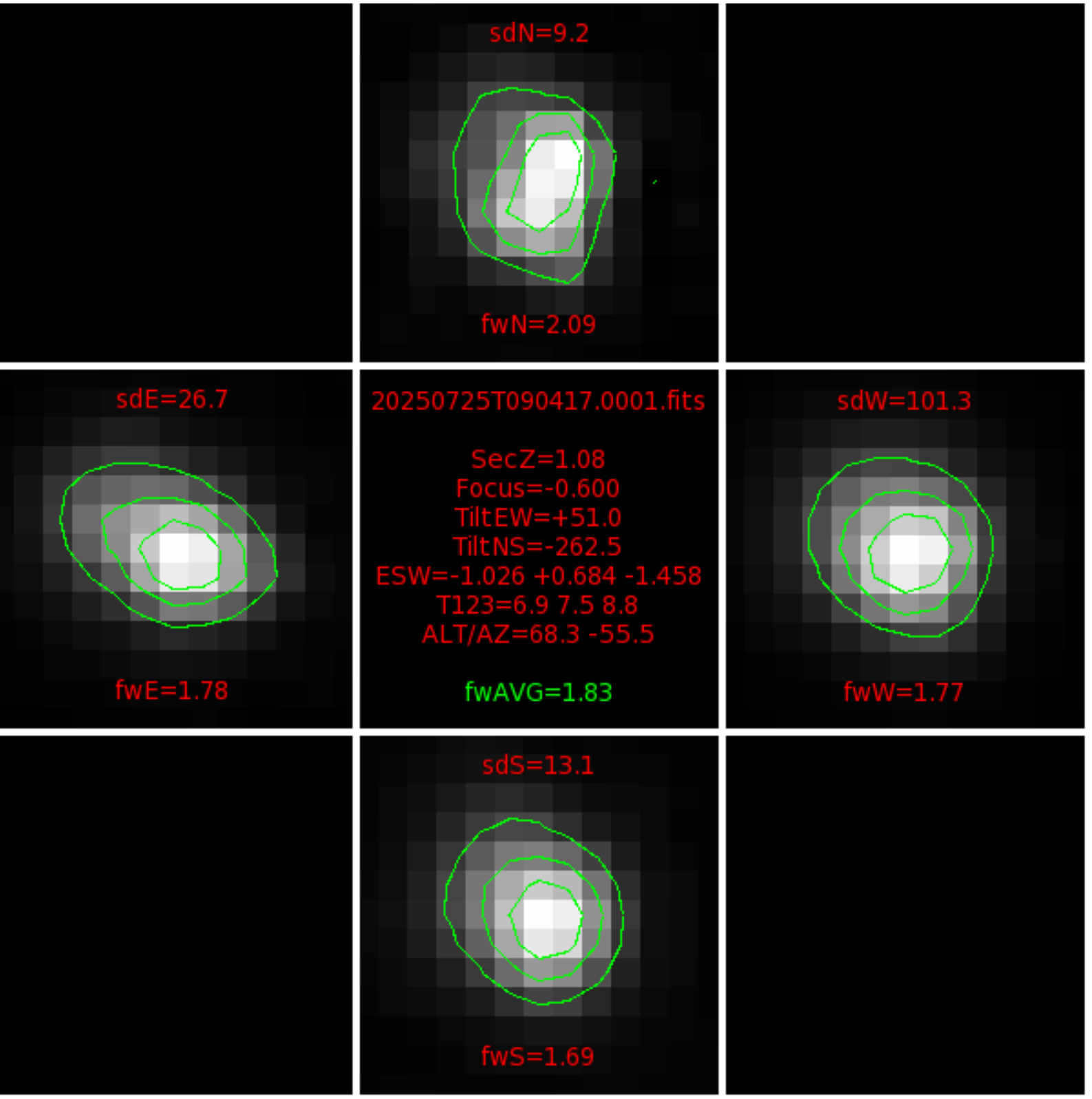
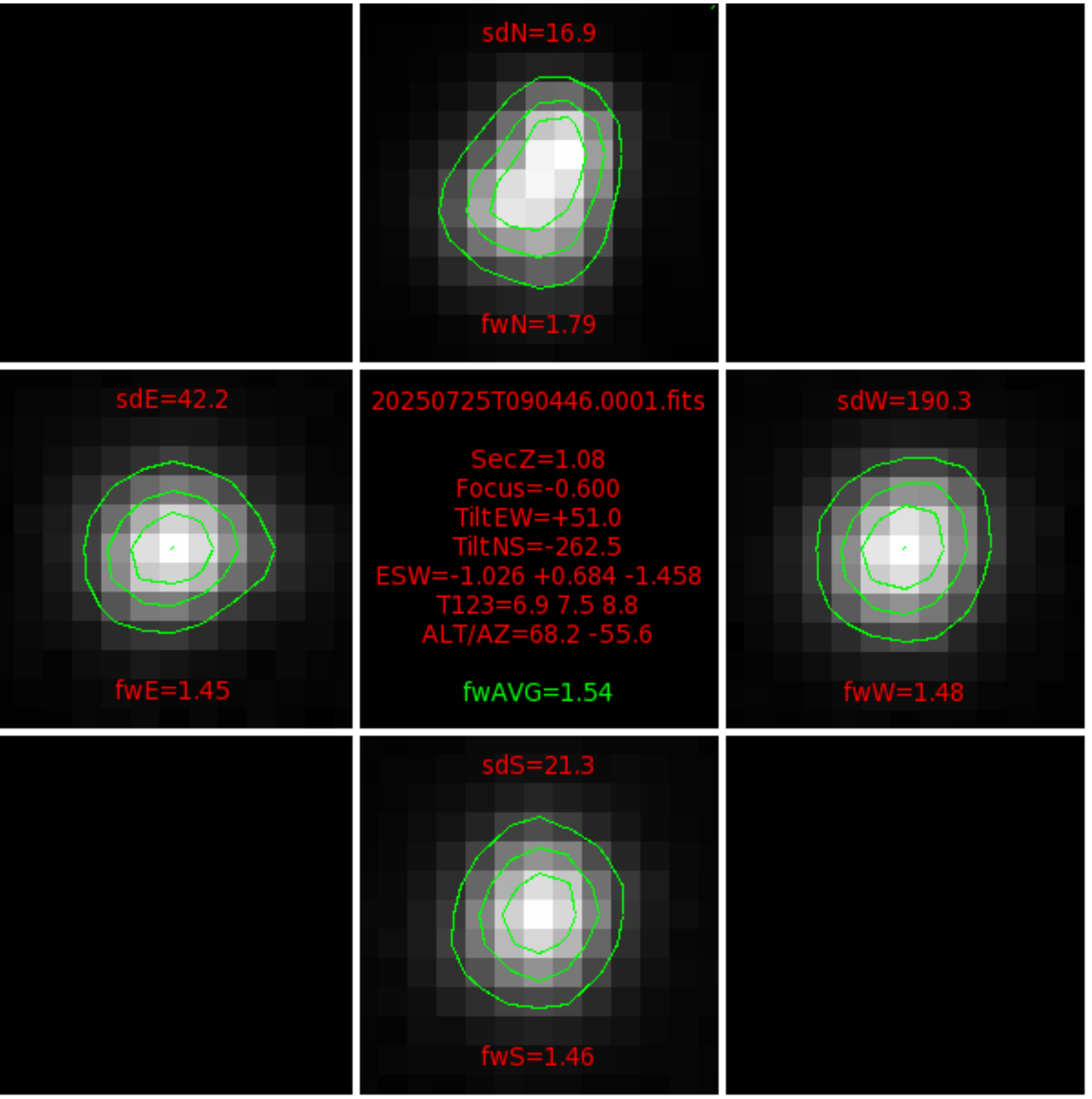
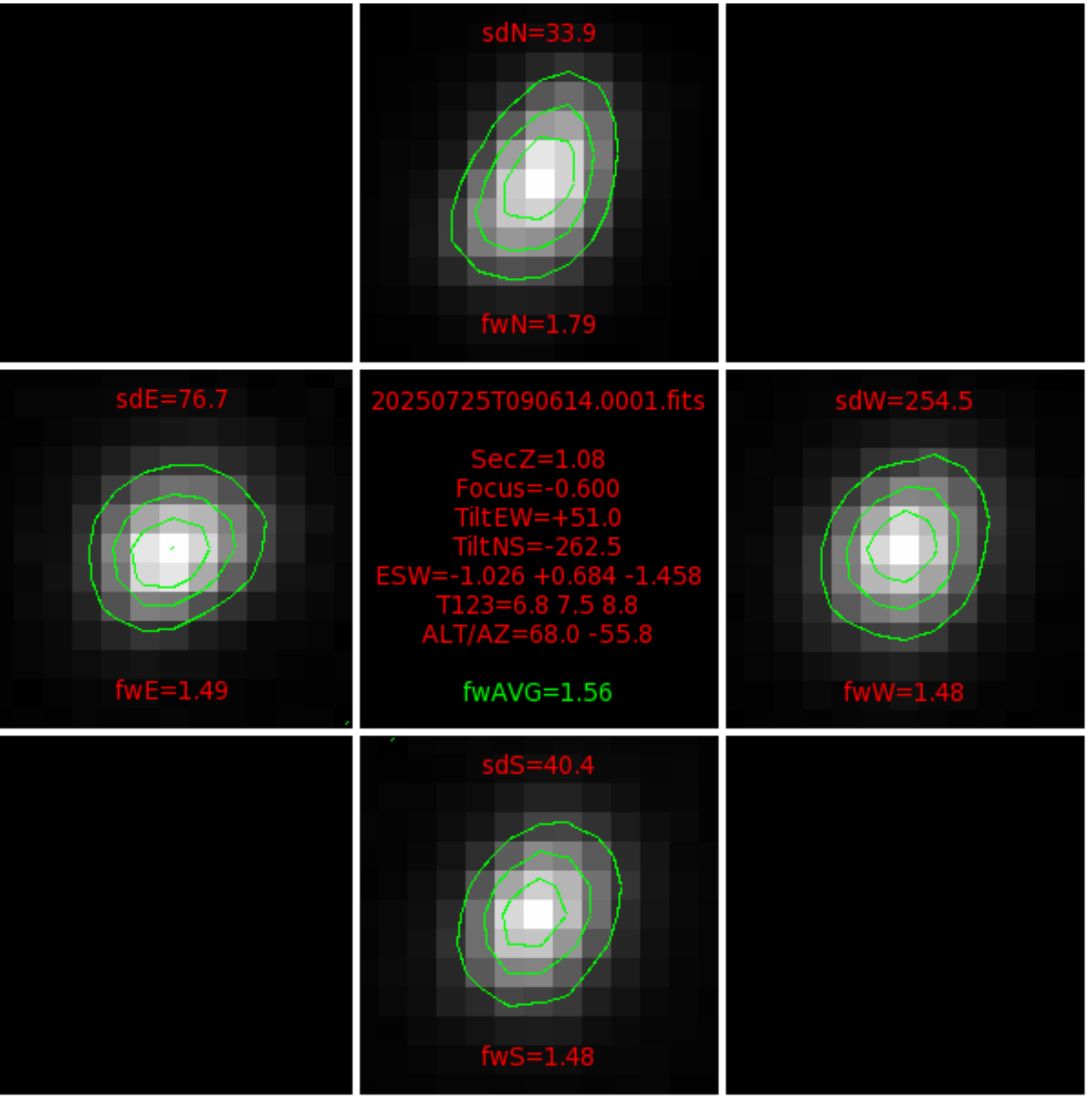
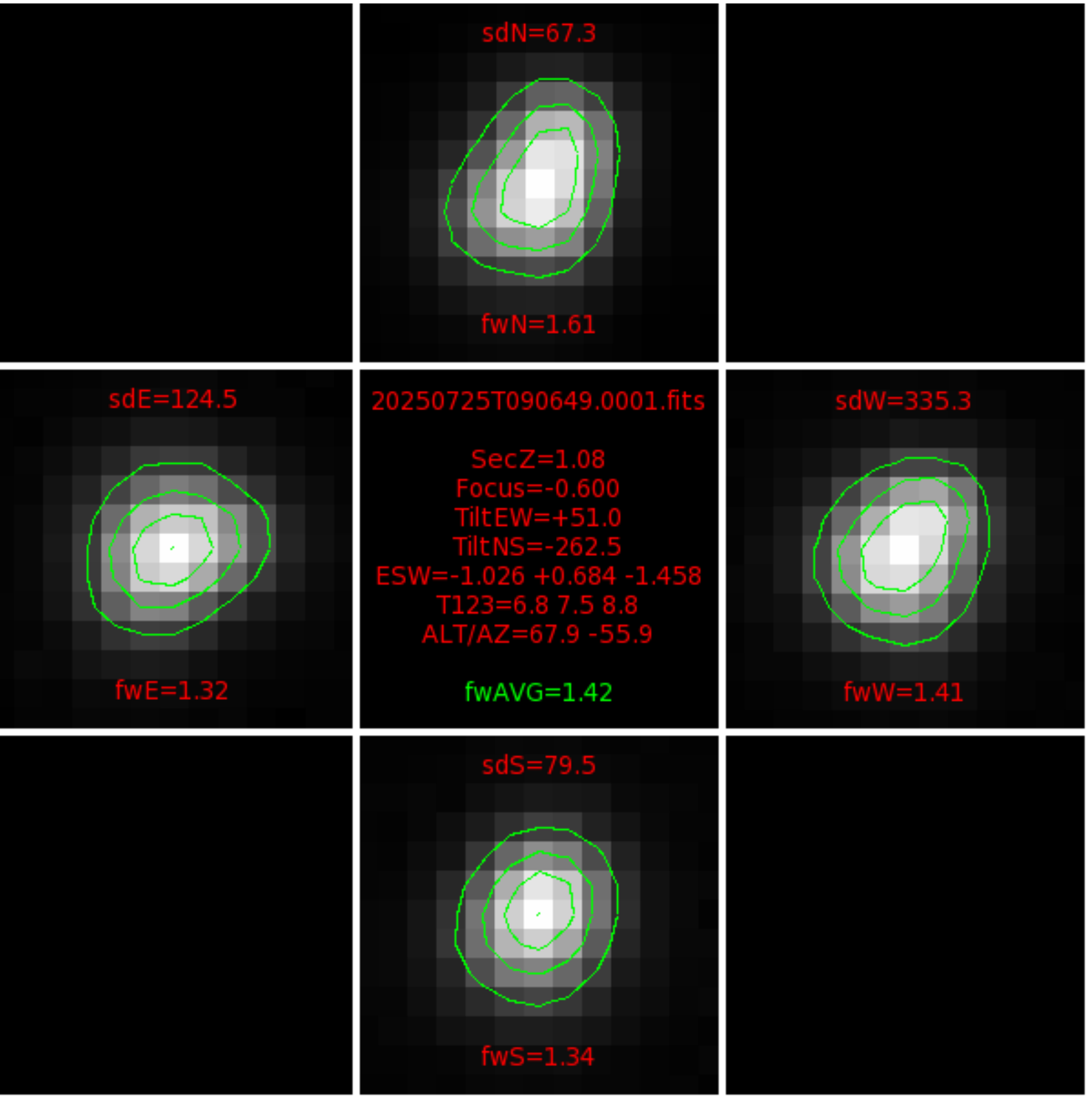
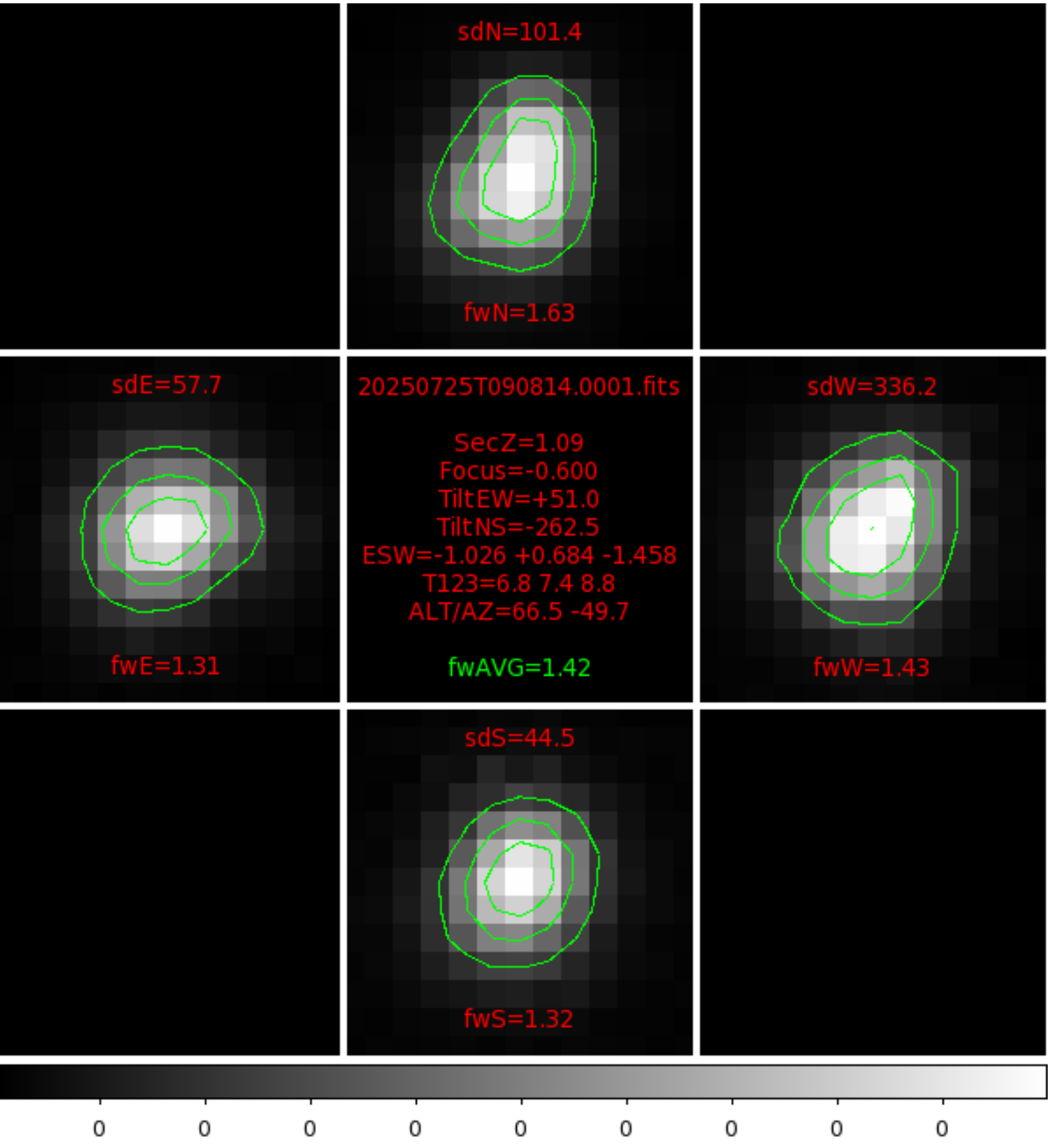

sdN=11.7
fwN=2.02
sdE=38.9
fwE=1.64
20250725T090242.0001.fits
SecZ=1.07
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=68.6 -55.2
fwAVG=1.76
sdW=188.9
fwW=1.70
sdS=17.9
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=9.2
fwN=2.09
sdE=26.7
fwE=1.78
20250725T090417.0001.fits
SecZ=1.08
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=68.3 -55.5
fwAVG=1.83
sdW=101.3
fwW=1.77
sdS=13.1
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=16.9
fwN=1.79
sdE=42.2
fwE=1.45
20250725T090446.0001.fits
SecZ=1.08
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=68.2 -55.6
fwAVG=1.54
sdW=190.3
fwW=1.48
sdS=21.3
fwS=1.46
0 0 0 0 0 0 0 0 0


sdN=33.9
fwN=1.79
sdE=76.7
fwE=1.49
20250725T090614.0001.fits
SecZ=1.08
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.5 8.8
ALT/AZ=68.0 -55.8
fwAVG=1.56
sdW=254.5
fwW=1.48
sdS=40.4
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=67.3
fwN=1.61
sdE=124.5
fwE=1.32
20250725T090649.0001.fits
SecZ=1.08
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.5 8.8
ALT/AZ=67.9 -55.9
fwAVG=1.42
sdW=335.3
fwW=1.41
sdS=79.5
fwS=1.34
0 0 0 0 0 0 0 0 0


sdN=101.4
fwN=1.63
sdE=57.7
fwE=1.31
20250725T090814.0001.fits
SecZ=1.09
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.4 8.8
ALT/AZ=66.5 -49.7
fwAVG=1.42
sdW=336.2
fwW=1.43
sdS=44.5
fwS=1.32
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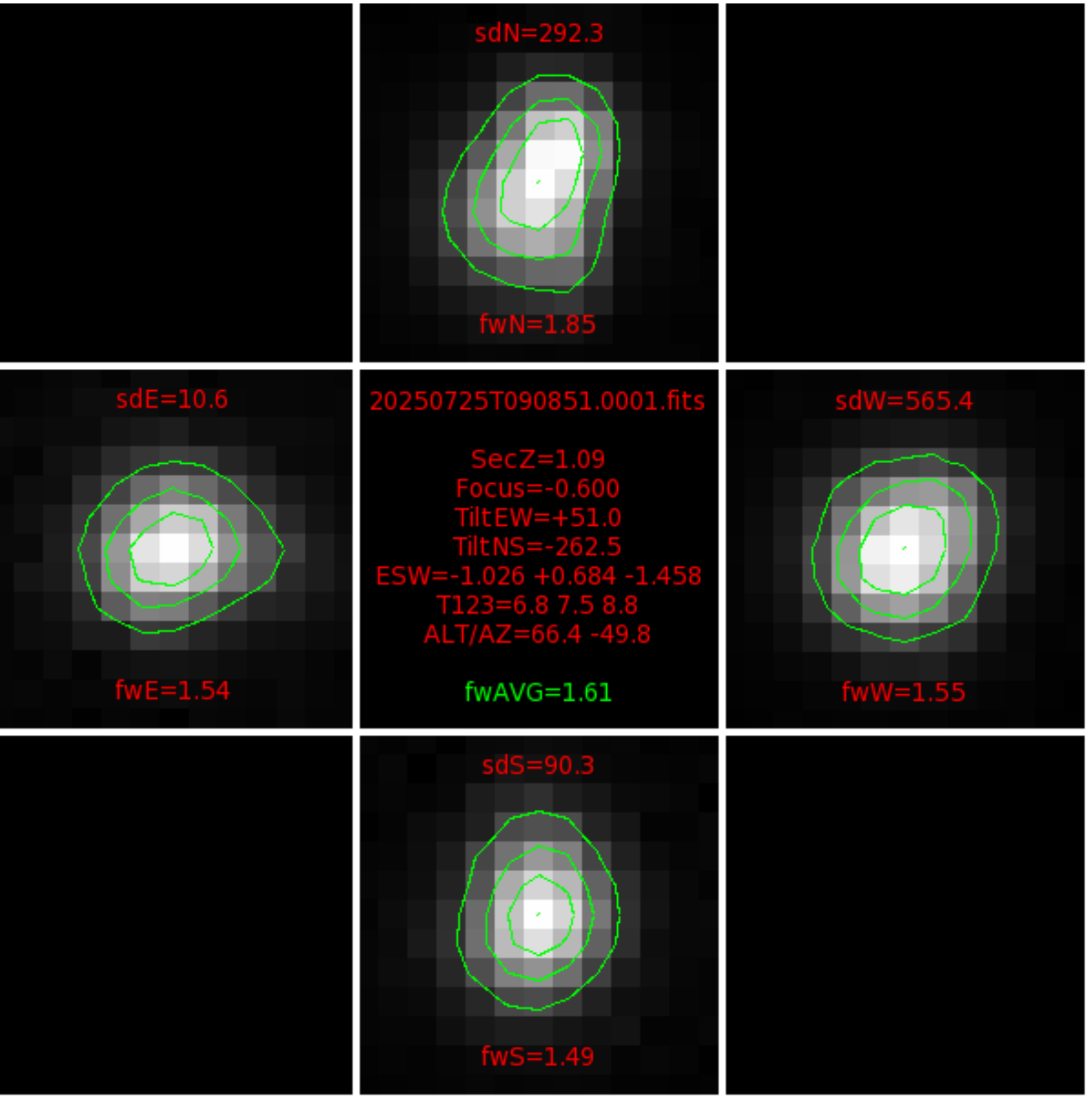
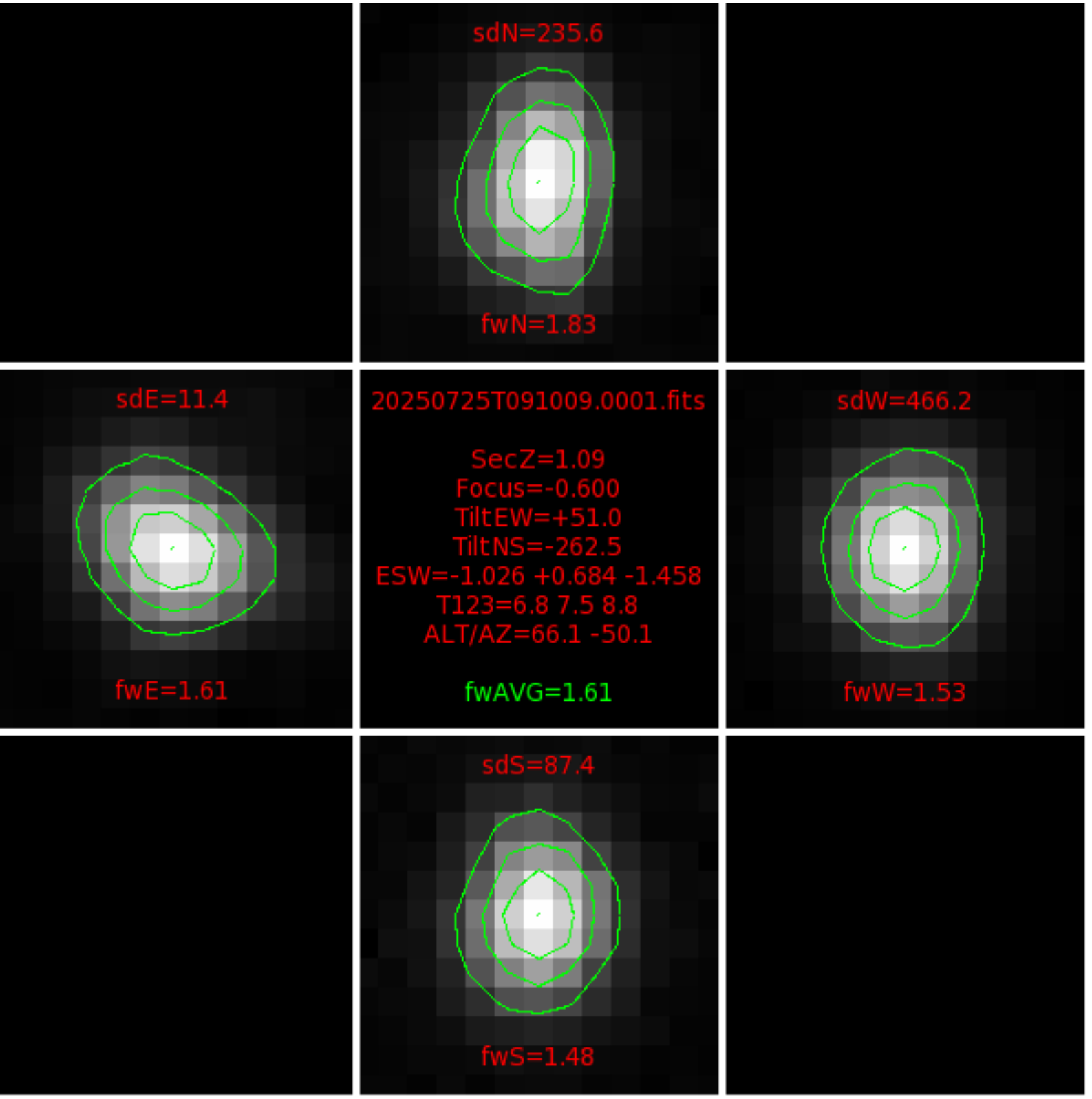
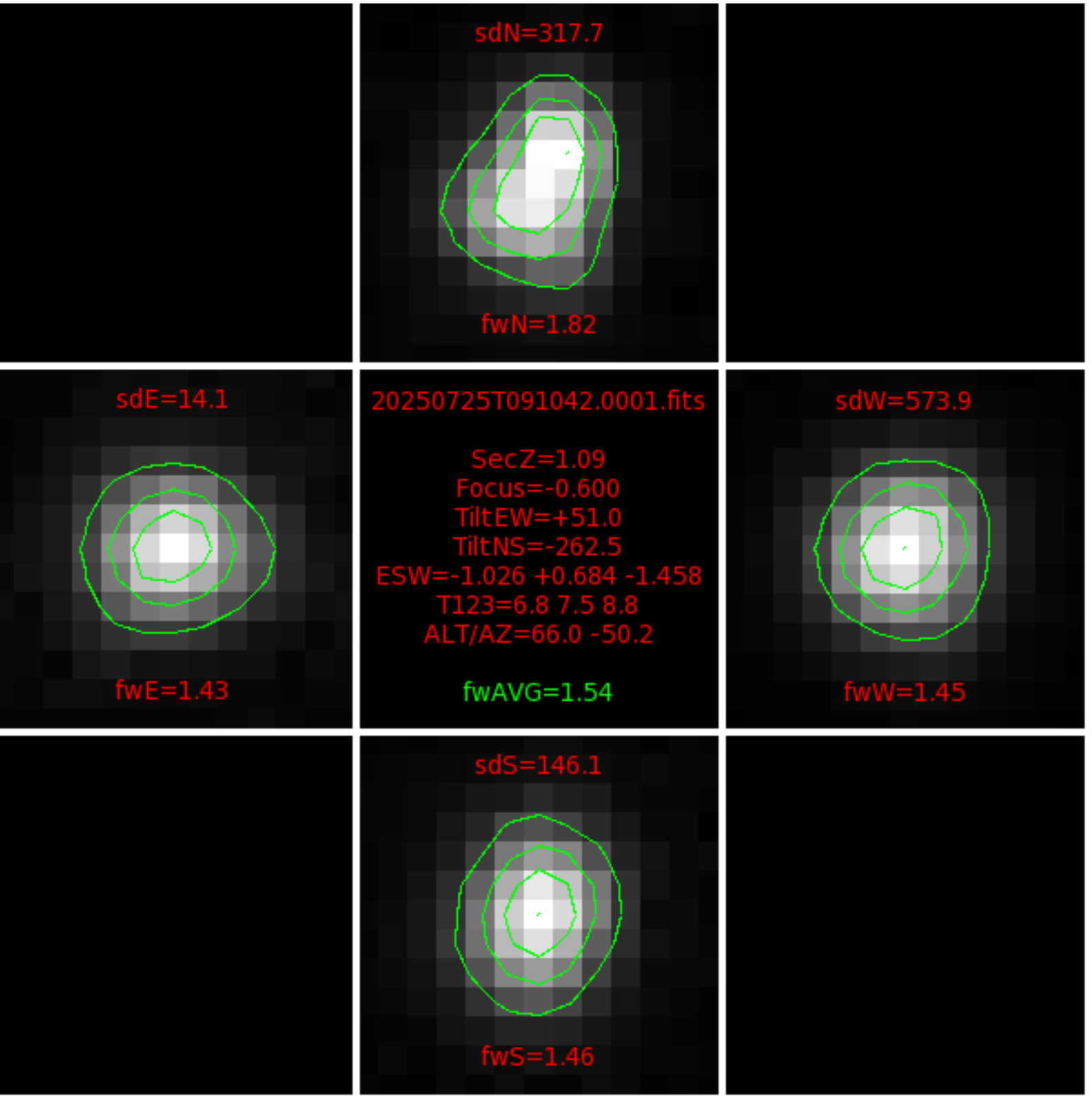
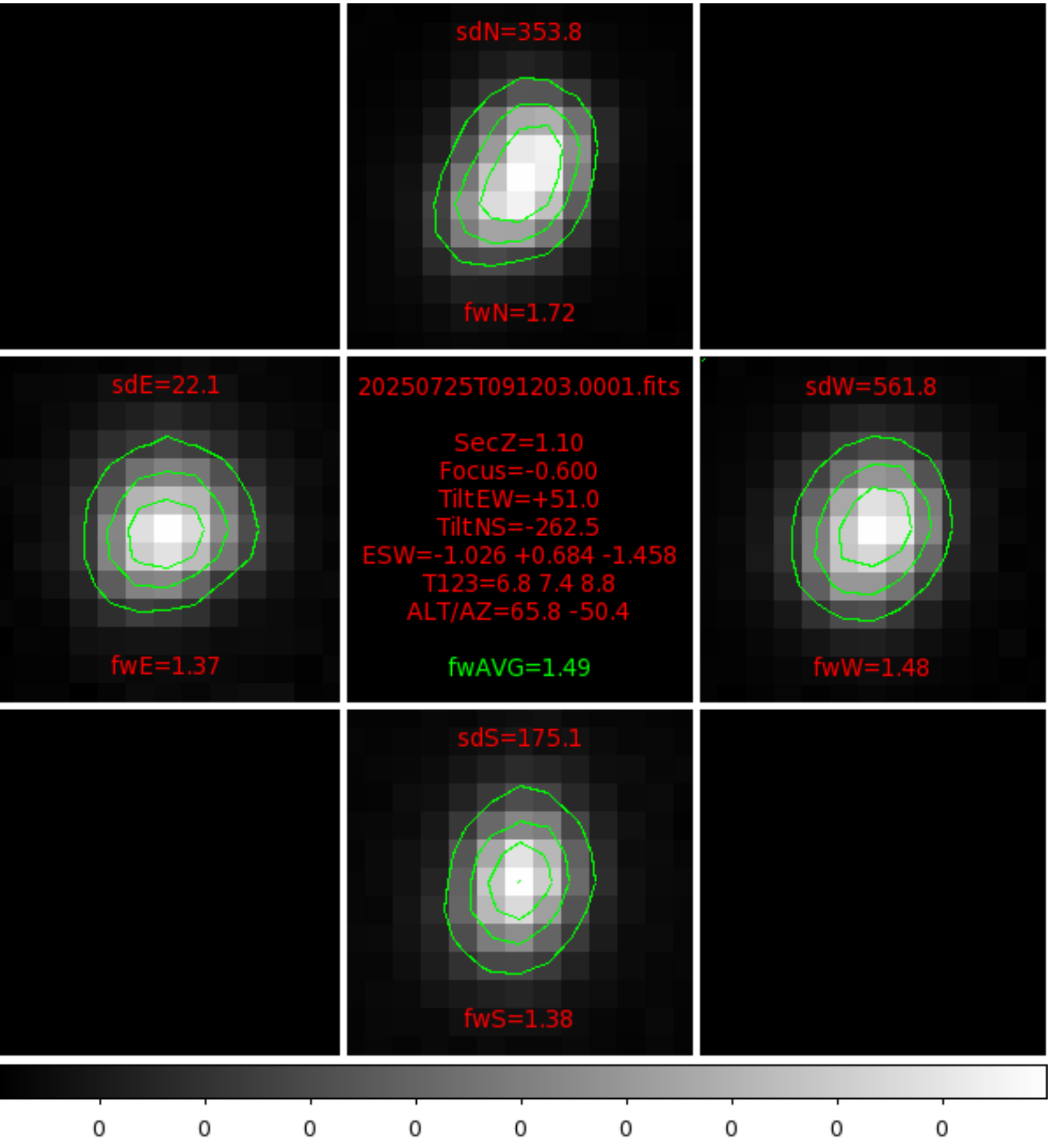
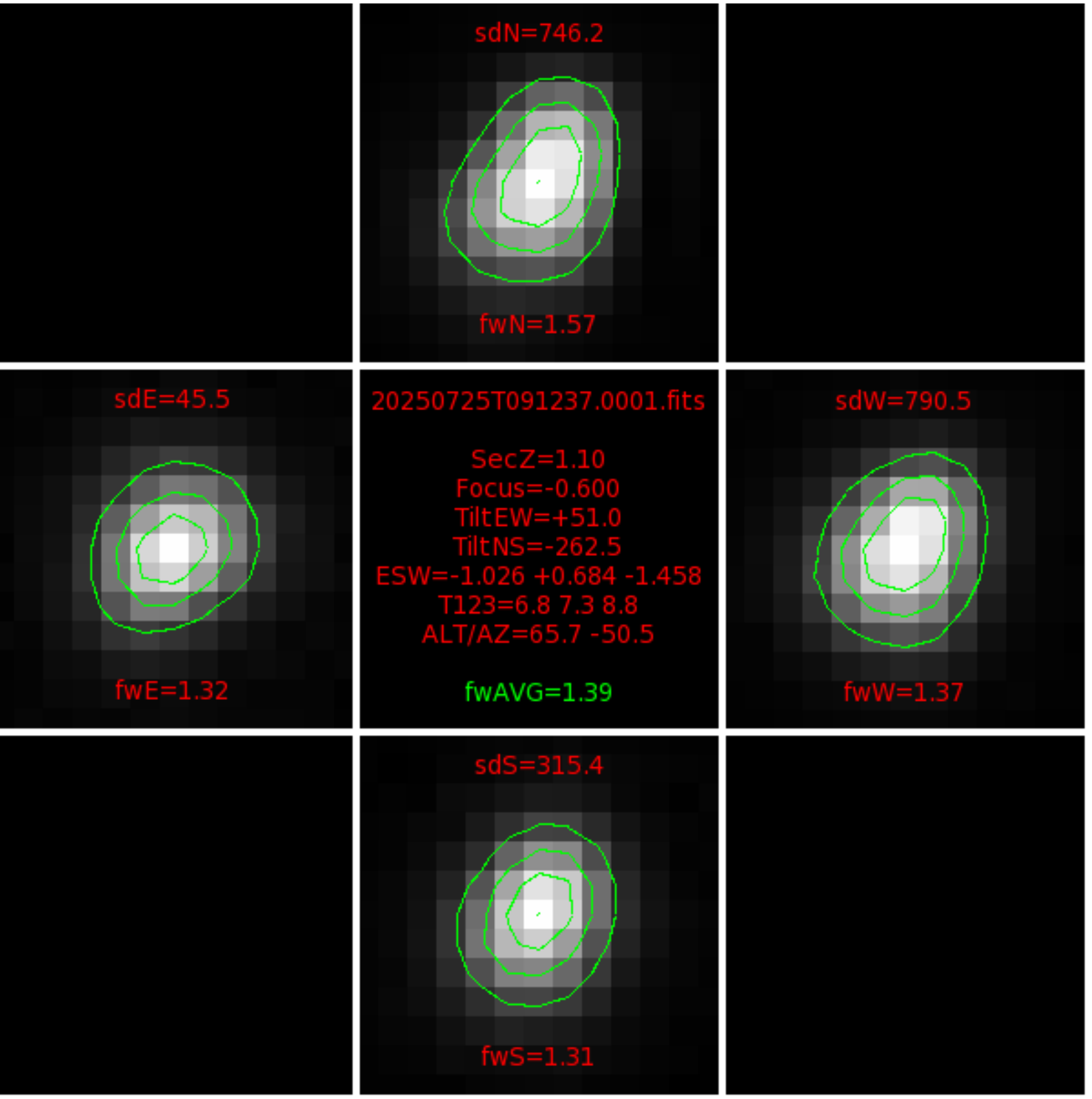
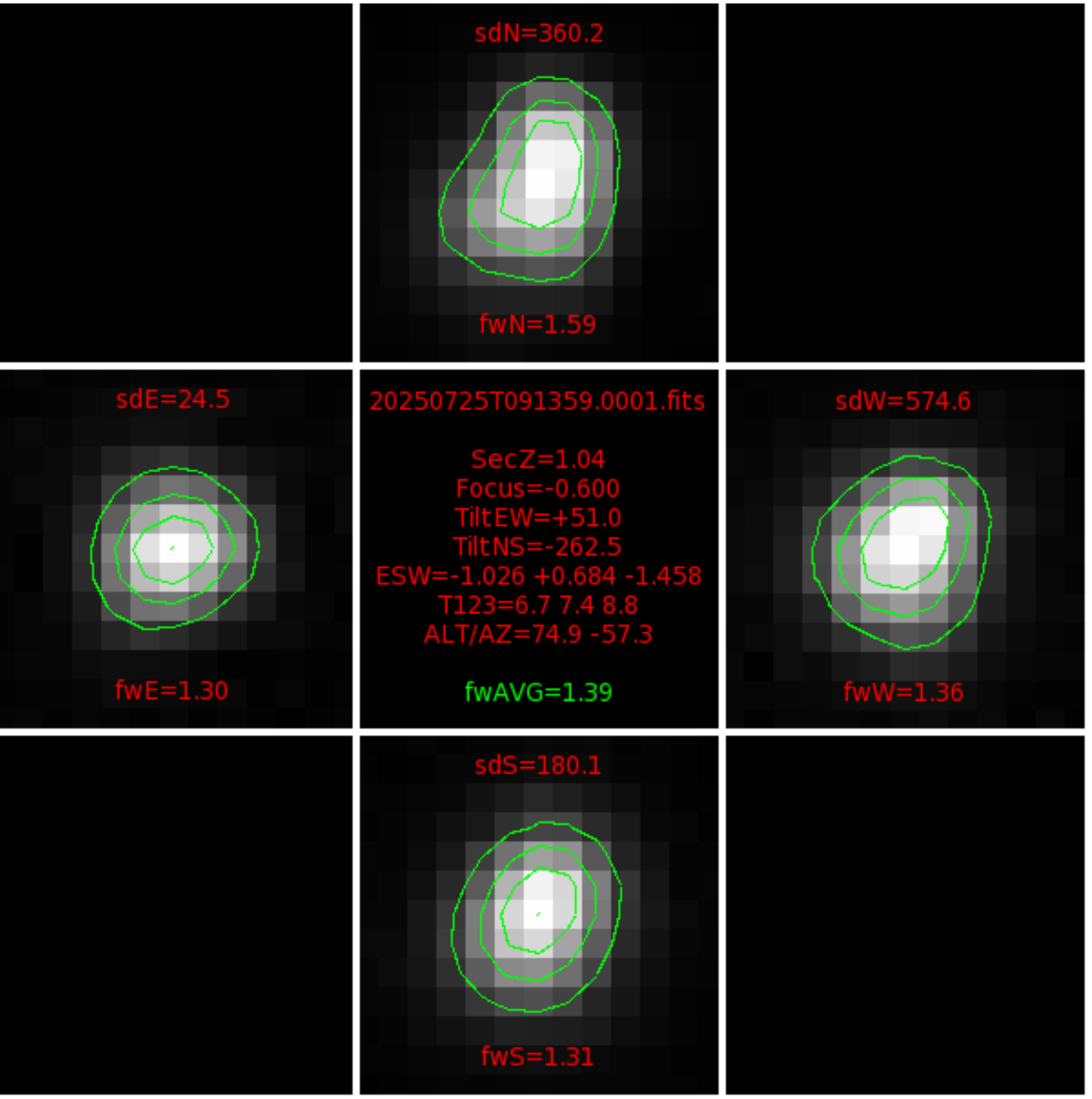

sdN=292.3
fwN=1.85
sdE=10.6
fwE=1.54
20250725T090851.0001.fits
SecZ=1.09
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.5 8.8
ALT/AZ=66.4 -49.8
fwAVG=1.61
sdW=565.4
fwW=1.55
sdS=90.3
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=235.6
fwN=1.83
sdE=11.4
fwE=1.61
20250725T091009.0001.fits
SecZ=1.09
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.5 8.8
ALT/AZ=66.1 -50.1
fwAVG=1.61
sdW=466.2
fwW=1.53
sdS=87.4
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=317.7
fwN=1.82
sdE=14.1
fwE=1.43
20250725T091042.0001.fits
SecZ=1.09
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.5 8.8
ALT/AZ=66.0 -50.2
fwAVG=1.54
sdW=573.9
fwW=1.45
sdS=146.1
fwS=1.46
0 0 0 0 0 0 0 0 0


sdN=353.8
fwN=1.72
sdE=22.1
fwE=1.37
20250725T091203.0001.fits
SecZ=1.10
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.4 8.8
ALT/AZ=65.8 -50.4
fwAVG=1.49
sdW=561.8
fwW=1.48
sdS=175.1
fwS=1.38
0 0 0 0 0 0 0 0 0


sdN=746.2
fwN=1.57
sdE=45.5
fwE=1.32
20250725T091237.0001.fits
SecZ=1.10
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.3 8.8
ALT/AZ=65.7 -50.5
fwAVG=1.39
sdW=790.5
fwW=1.37
sdS=315.4
fwS=1.31
0 0 0 0 0 0 0 0 0


sdN=360.2
fwN=1.59
sdE=24.5
fwE=1.30
20250725T091359.0001.fits
SecZ=1.04
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.7 7.4 8.8
ALT/AZ=74.9 -57.3
fwAVG=1.39
sdW=574.6
fwW=1.36
sdS=180.1
fwS=1.31
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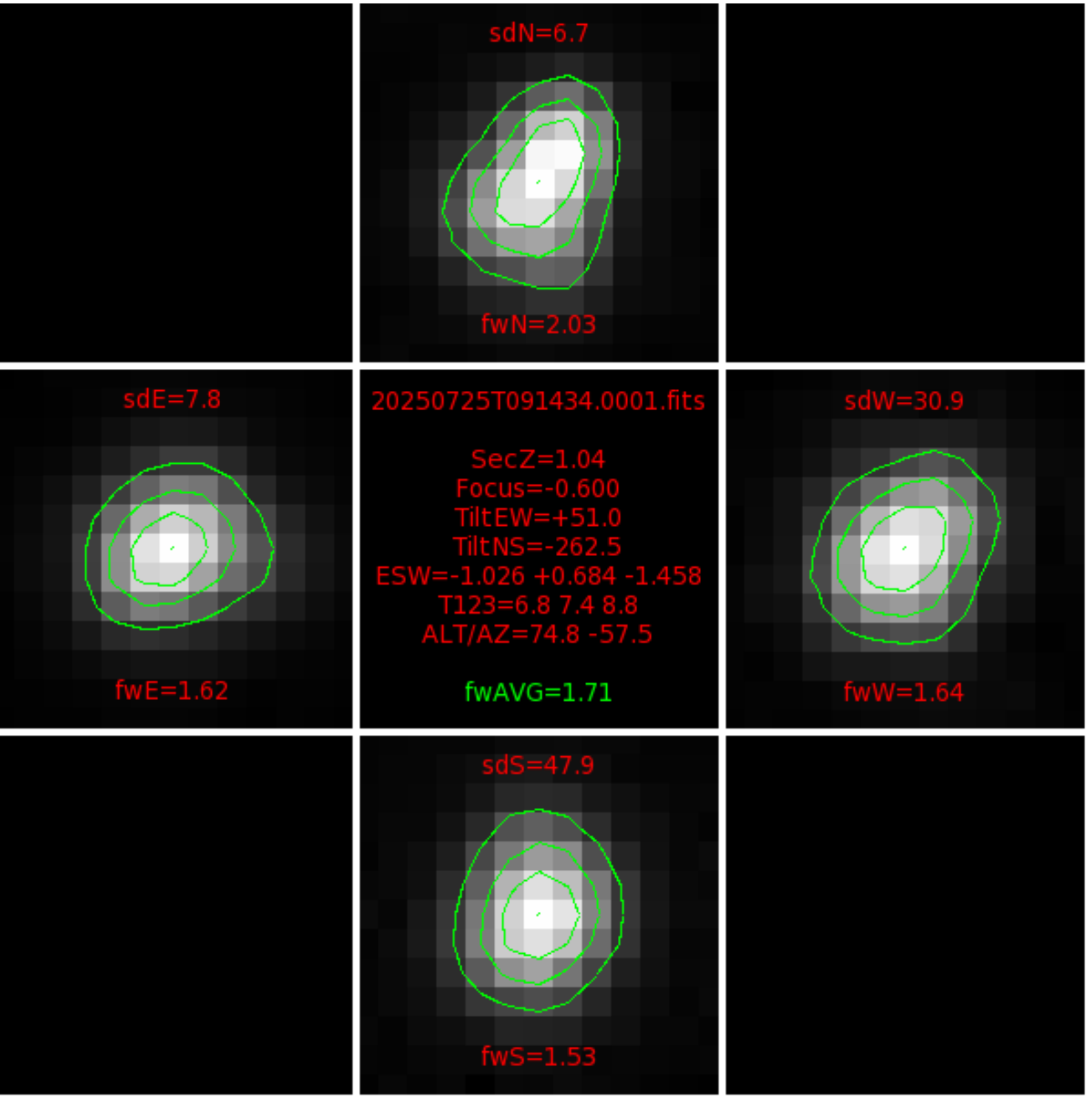
sdN=6.7
fwN=2.03
sdE=7.8
fwE=1.62
20250725T091434.0001.fits
SecZ=1.04
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.4 8.8
ALT/AZ=74.8 -57.5
fwAVG=1.71
sdW=30.9
fwW=1.64
sdS=47.9
fwS=1.53
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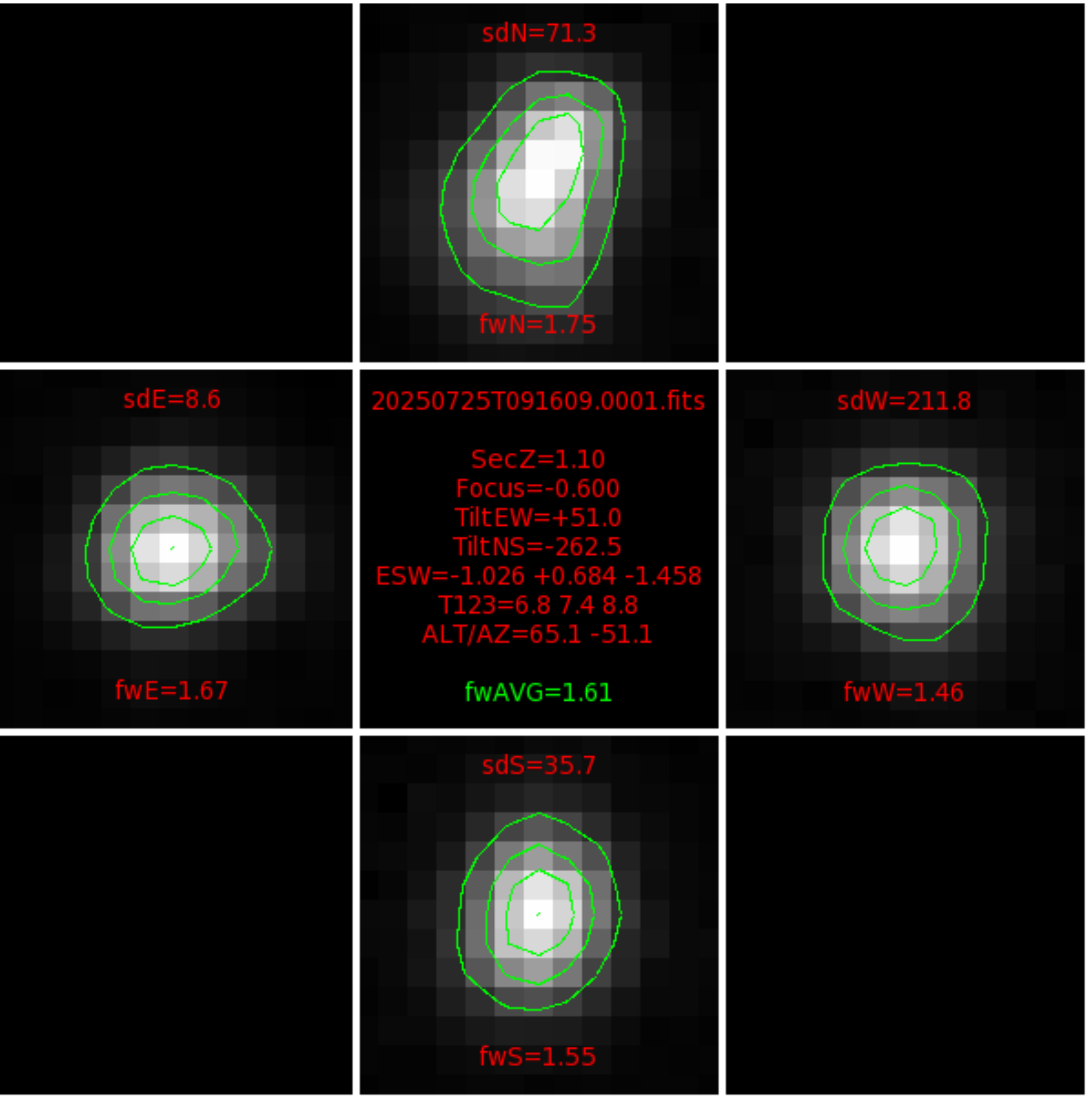
sdN=71.3
fwN=1.75
sdE=8.6
fwE=1.67
20250725T091609.0001.fits
SecZ=1.10
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.4 8.8
ALT/AZ=65.1 -51.1
fwAVG=1.61
sdW=211.8
fwW=1.46
sdS=35.7
fwS=1.55
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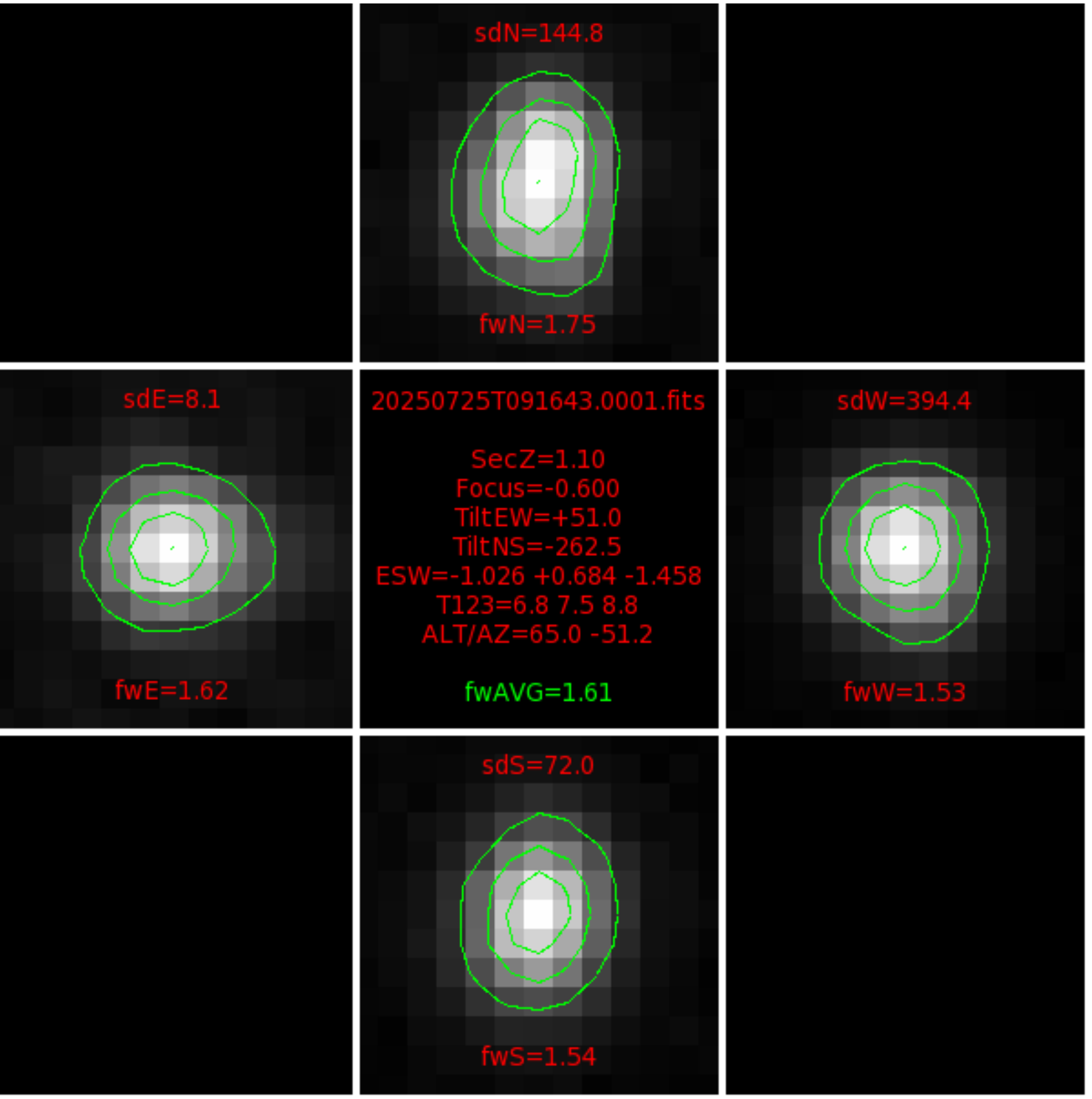
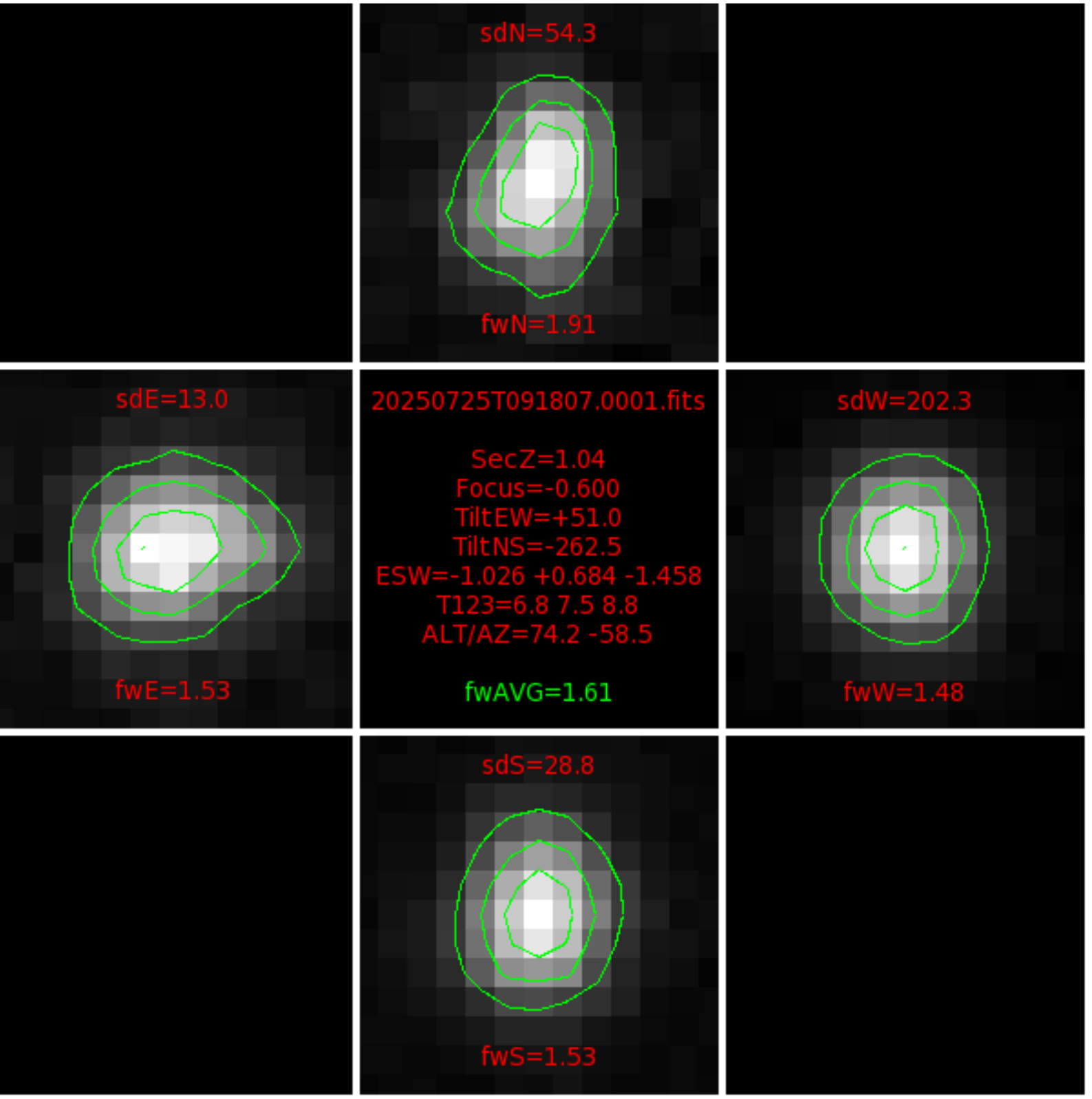

sdN=144.8
fwN=1.75
sdE=8.1
fwE=1.62
20250725T091643.0001.fits
SecZ=1.10
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.5 8.8
ALT/AZ=65.0 -51.2
fwAVG=1.61
sdW=394.4
fwW=1.53
sdS=72.0
fwS=1.54
0 0 0 0 0 0 0 0 0


sdN=54.3
fwN=1.91
sdE=13.0
fwE=1.53
20250725T091807.0001.fits
SecZ=1.04
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.5 8.8
ALT/AZ=74.2 -58.5
fwAVG=1.61
sdW=202.3
fwW=1.48
sdS=28.8
fwS=1.53
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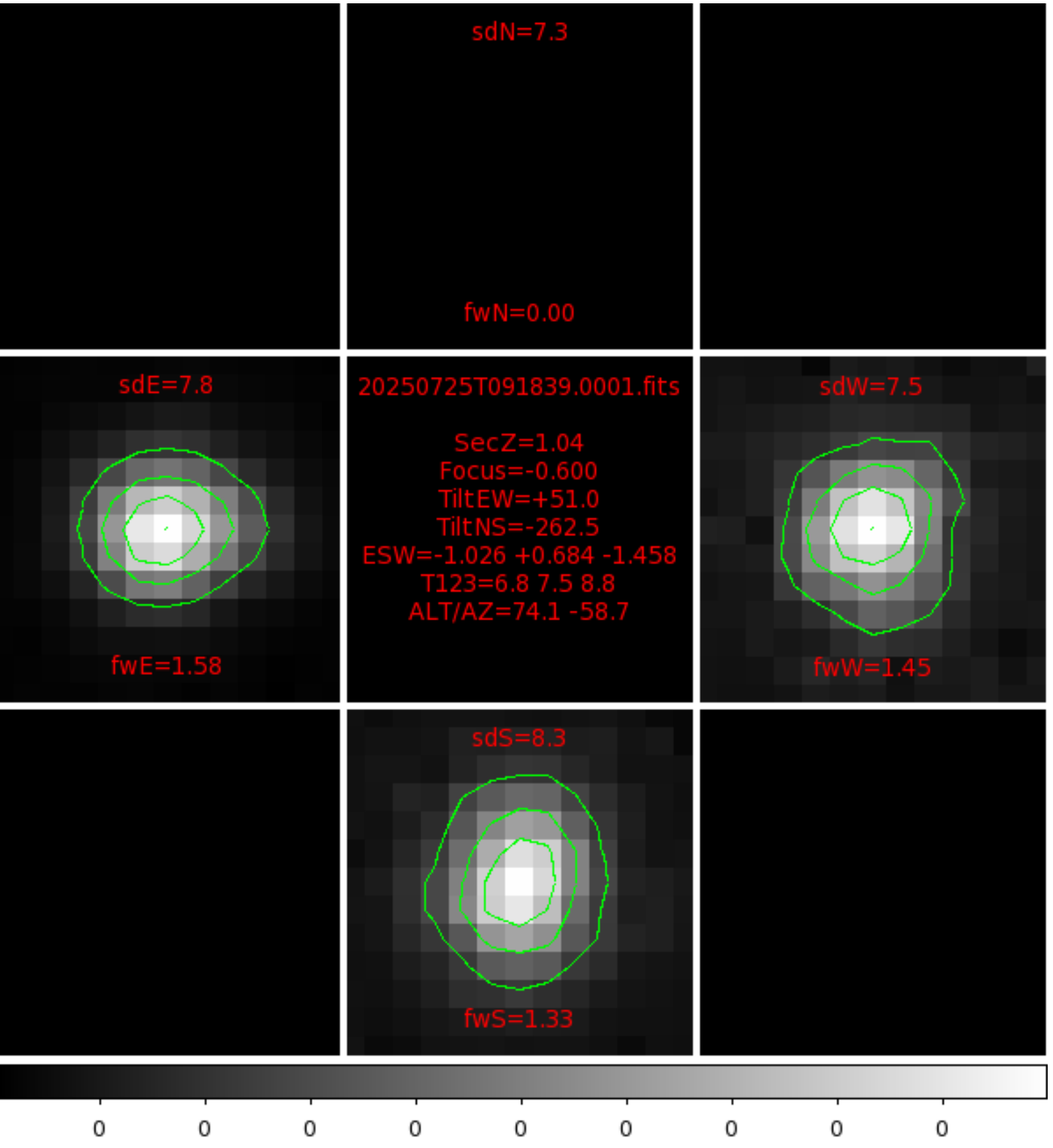
sdN=7.3
fwN=0.00
sdE=7.8
fwE=1.58
20250725T091839.0001.fits
SecZ=1.04
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.5 8.8
ALT/AZ=74.1 -58.7
sdW=7.5
fwW=1.45
sdS=8.3
fwS=1.33
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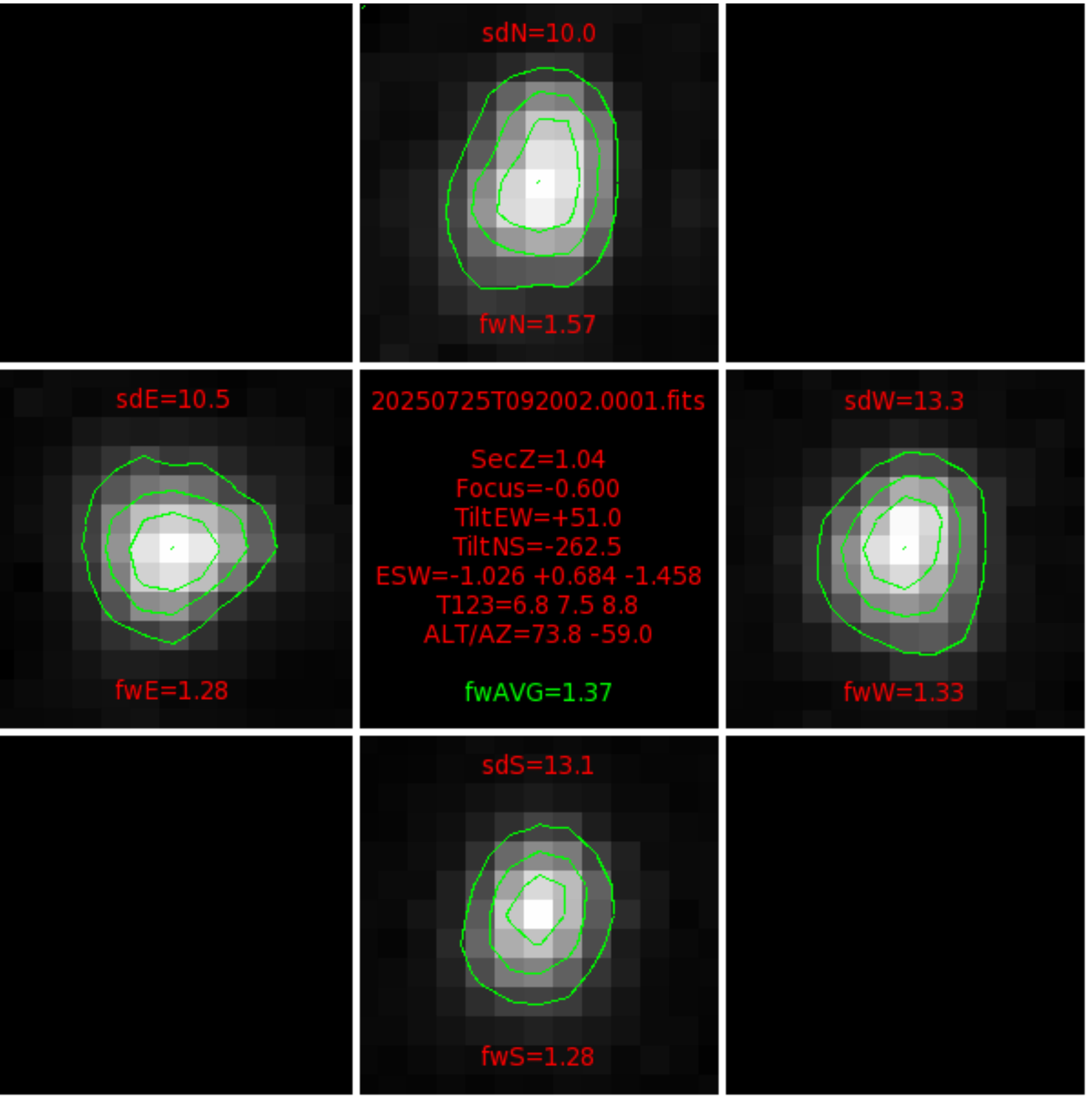
sdN=10.0
fwN=1.57
sdE=10.5
fwE=1.28
20250725T092002.0001.fits
SecZ=1.04
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.8 7.5 8.8
ALT/AZ=73.8 -59.0
fwAVG=1.37
sdW=13.3
fwW=1.33
sdS=13.1
fwS=1.28
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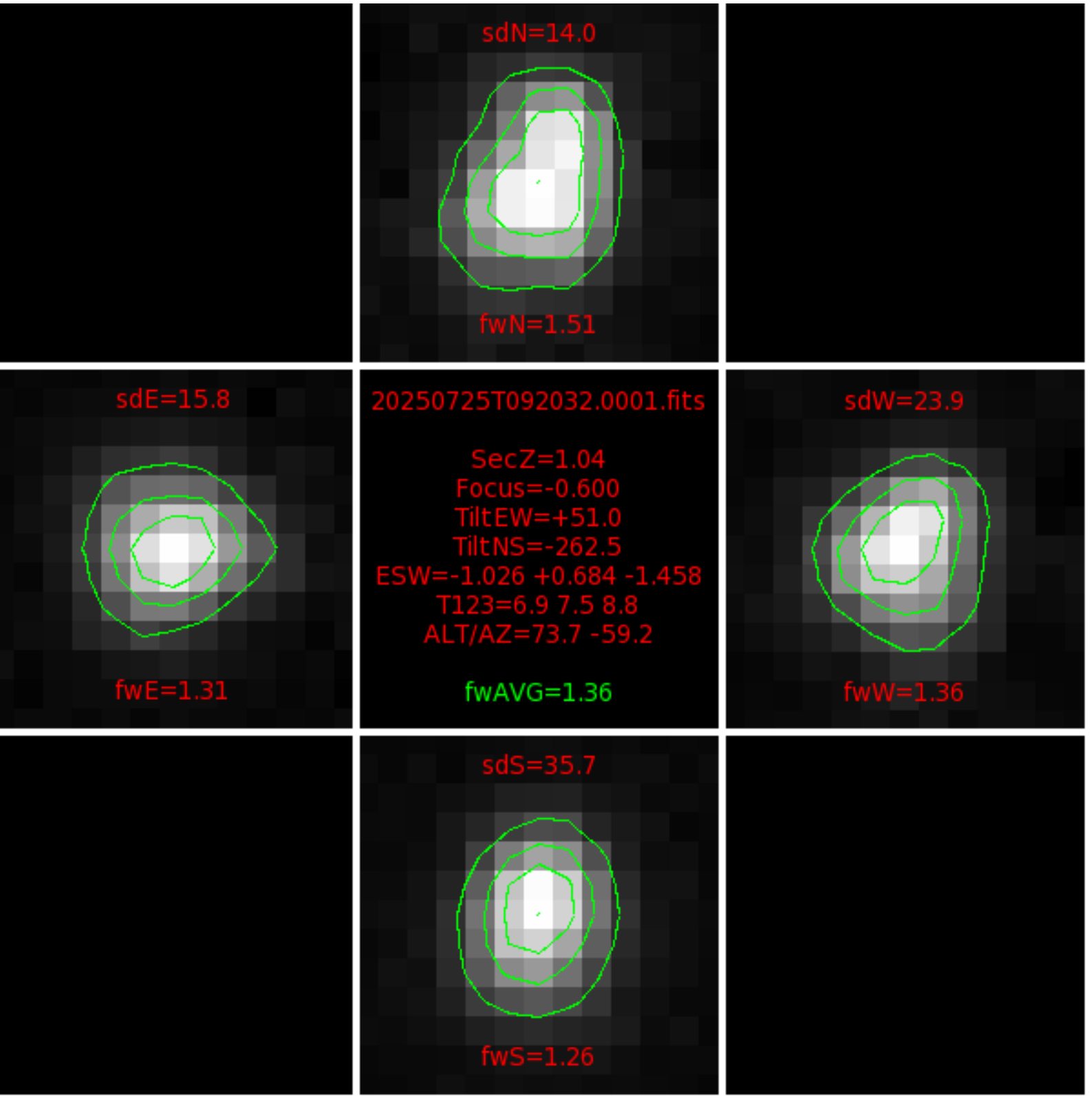
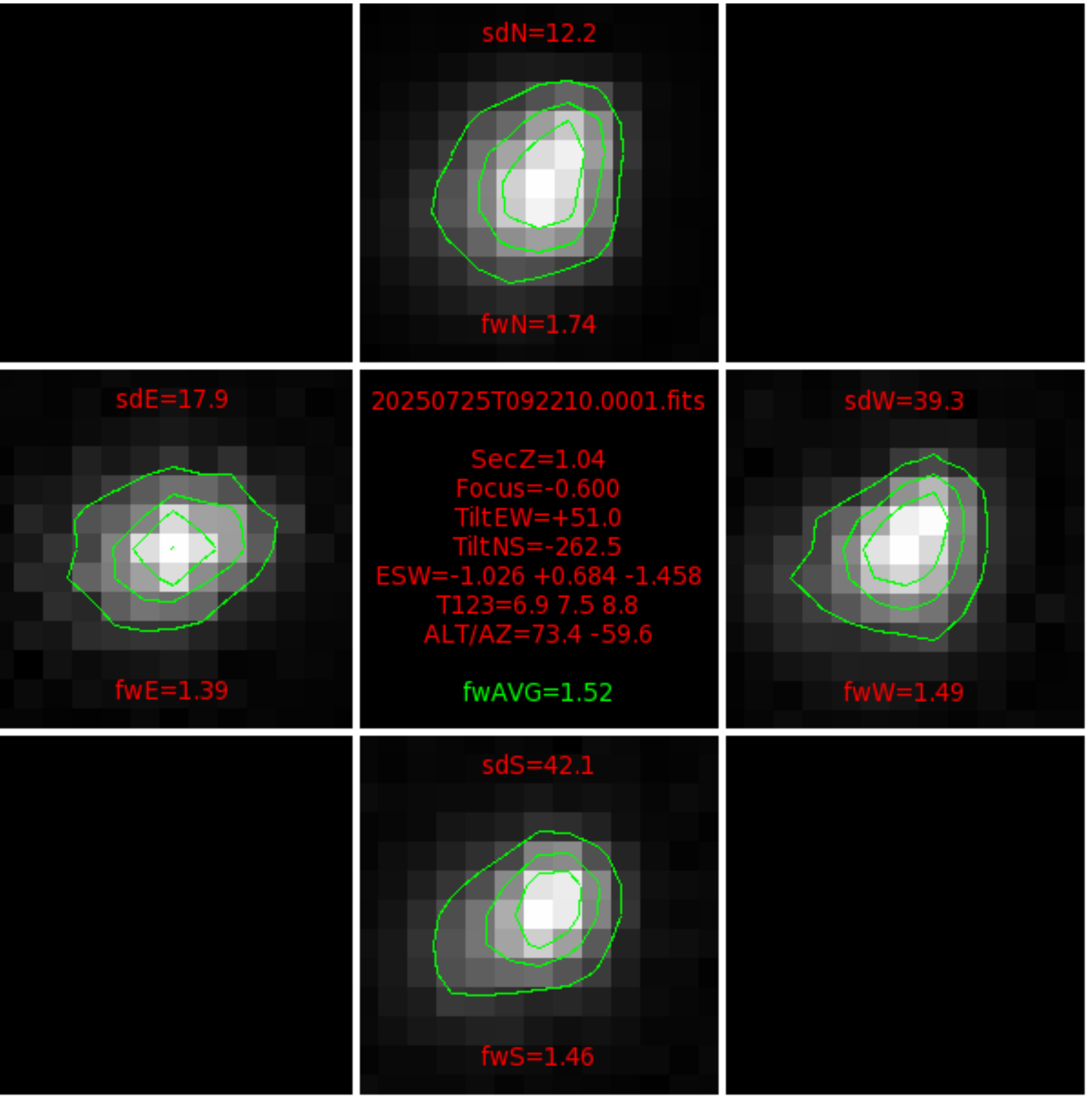

sdN=14.0
fwN=1.51
sdE=15.8
fwE=1.31
20250725T092032.0001.fits
SecZ=1.04
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=73.7 -59.2
fwAVG=1.36
sdW=23.9
fwW=1.36
sdS=35.7
fwS=1.26
0 0 0 0 0 0 0 0 0


sdN=12.2
fwN=1.74
sdE=17.9
fwE=1.39
20250725T092210.0001.fits
SecZ=1.04
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=73.4 -59.6
fwAVG=1.52
sdW=39.3
fwW=1.49
sdS=42.1
fwS=1.46
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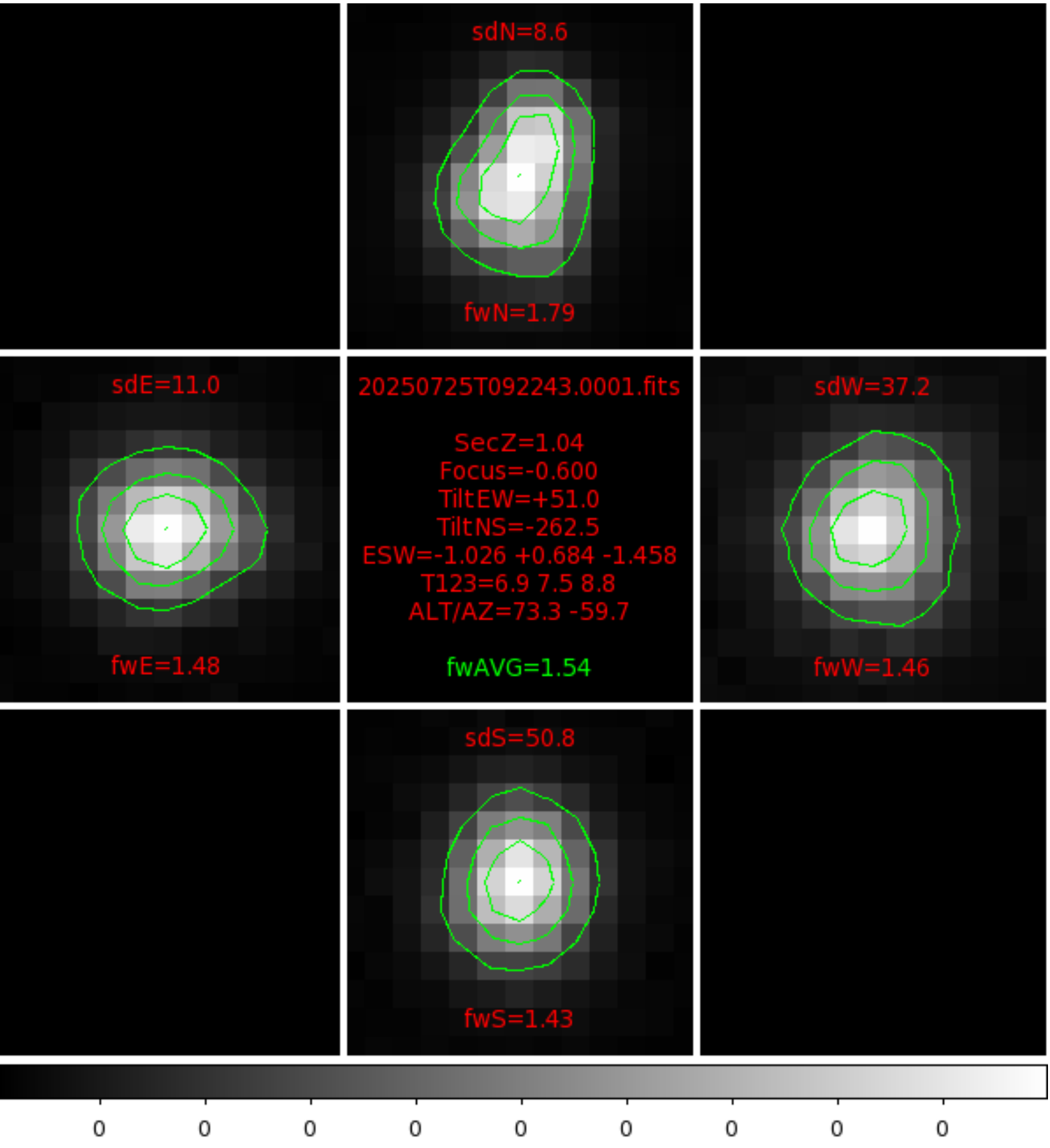
sdN=8.6
fwN=1.79
sdE=11.0
fwE=1.48
20250725T092243.0001.fits
SecZ=1.04
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=73.3 -59.7
fwAVG=1.54
sdW=37.2
fwW=1.46
sdS=50.8
fwS=1.43
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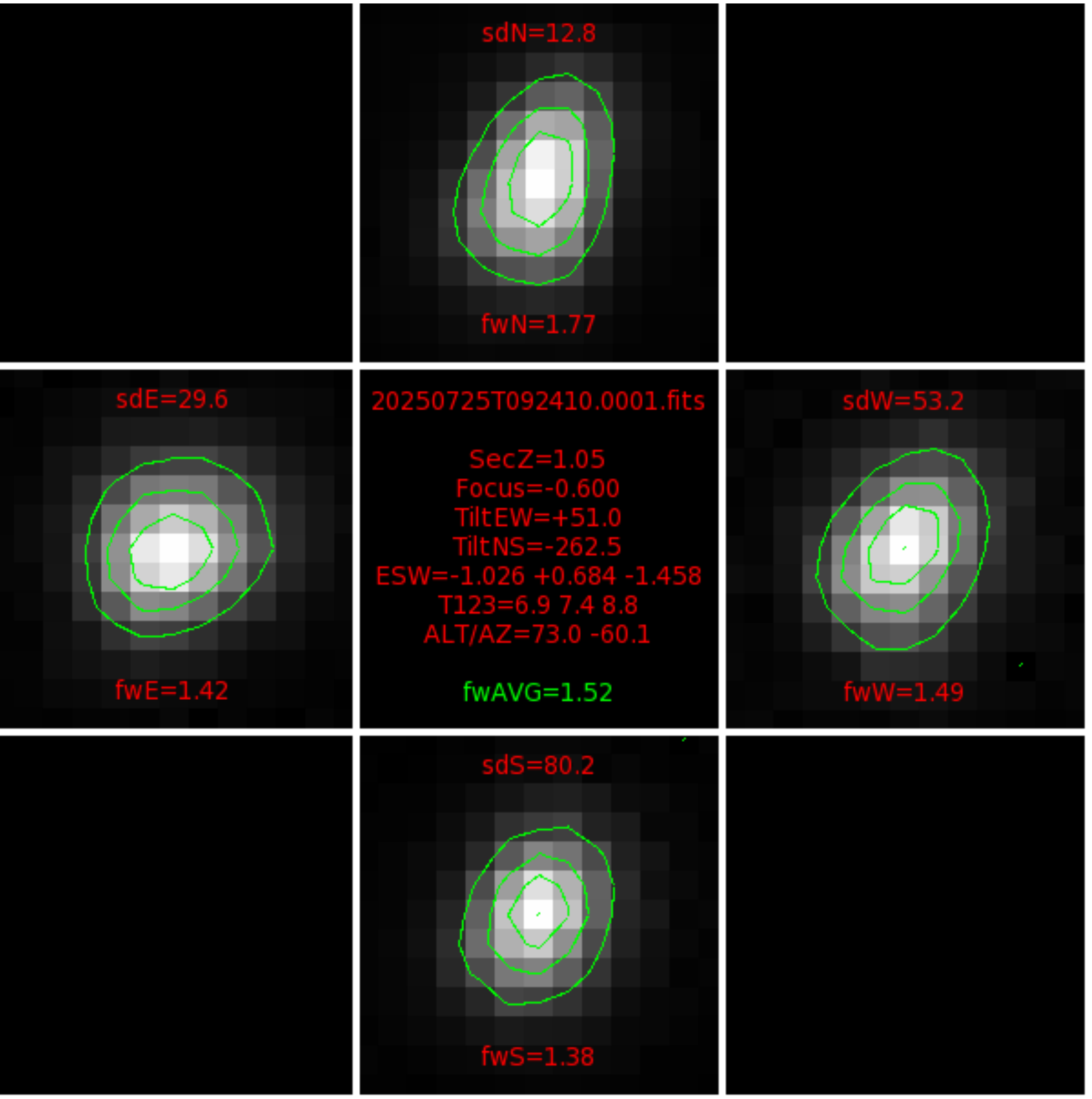
sdN=12.8
fwN=1.77
sdE=29.6
fwE=1.42
20250725T092410.0001.fits
SecZ=1.05
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.4 8.8
ALT/AZ=73.0 -60.1
fwAVG=1.52
sdW=53.2
fwW=1.49
sdS=80.2
fwS=1.38
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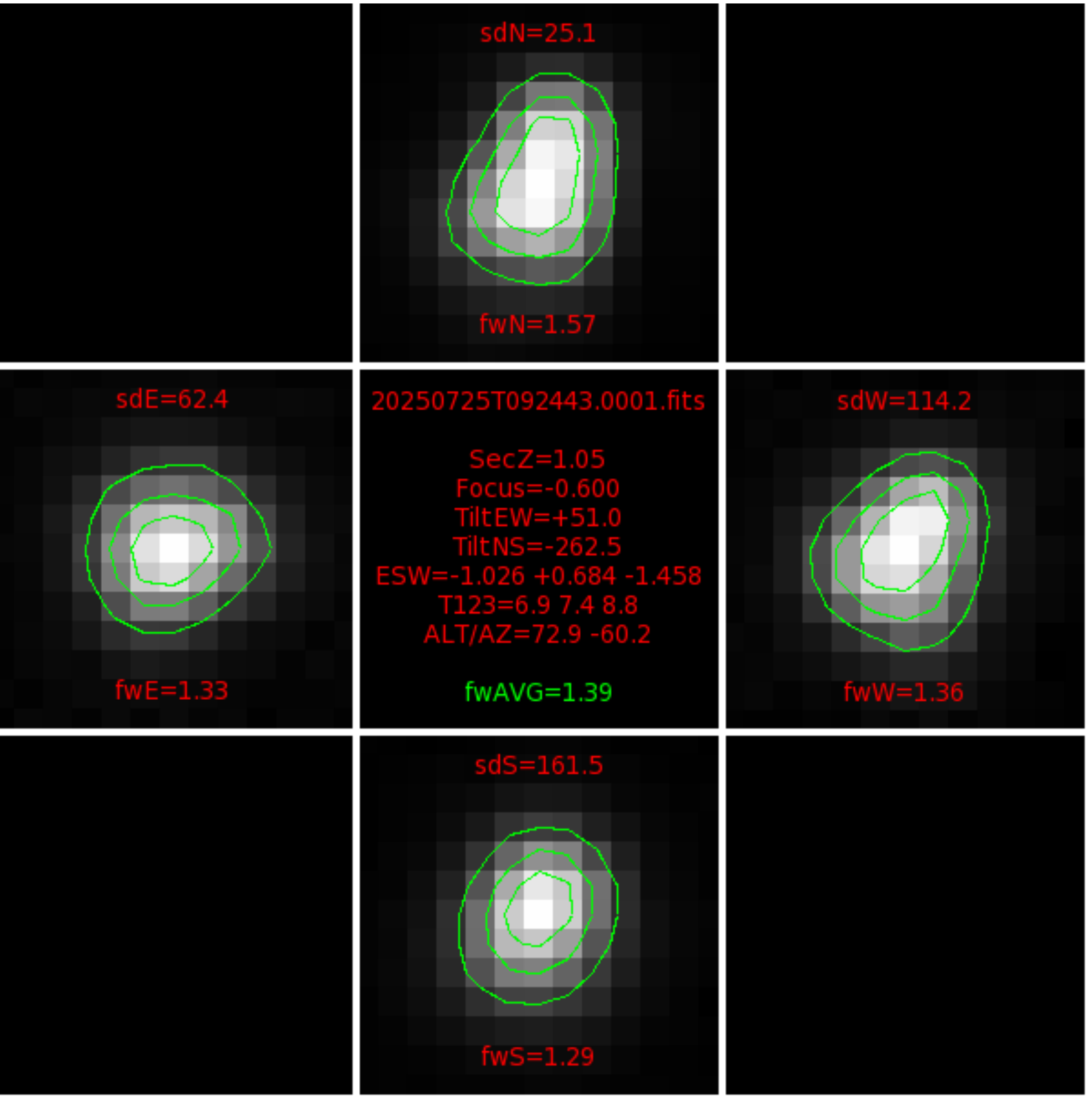
sdN=25.1
fwN=1.57
sdE=62.4
fwE=1.33
20250725T092443.0001.fits
SecZ=1.05
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.4 8.8
ALT/AZ=72.9 -60.2
fwAVG=1.39
sdW=114.2
fwW=1.36
sdS=161.5
fwS=1.29
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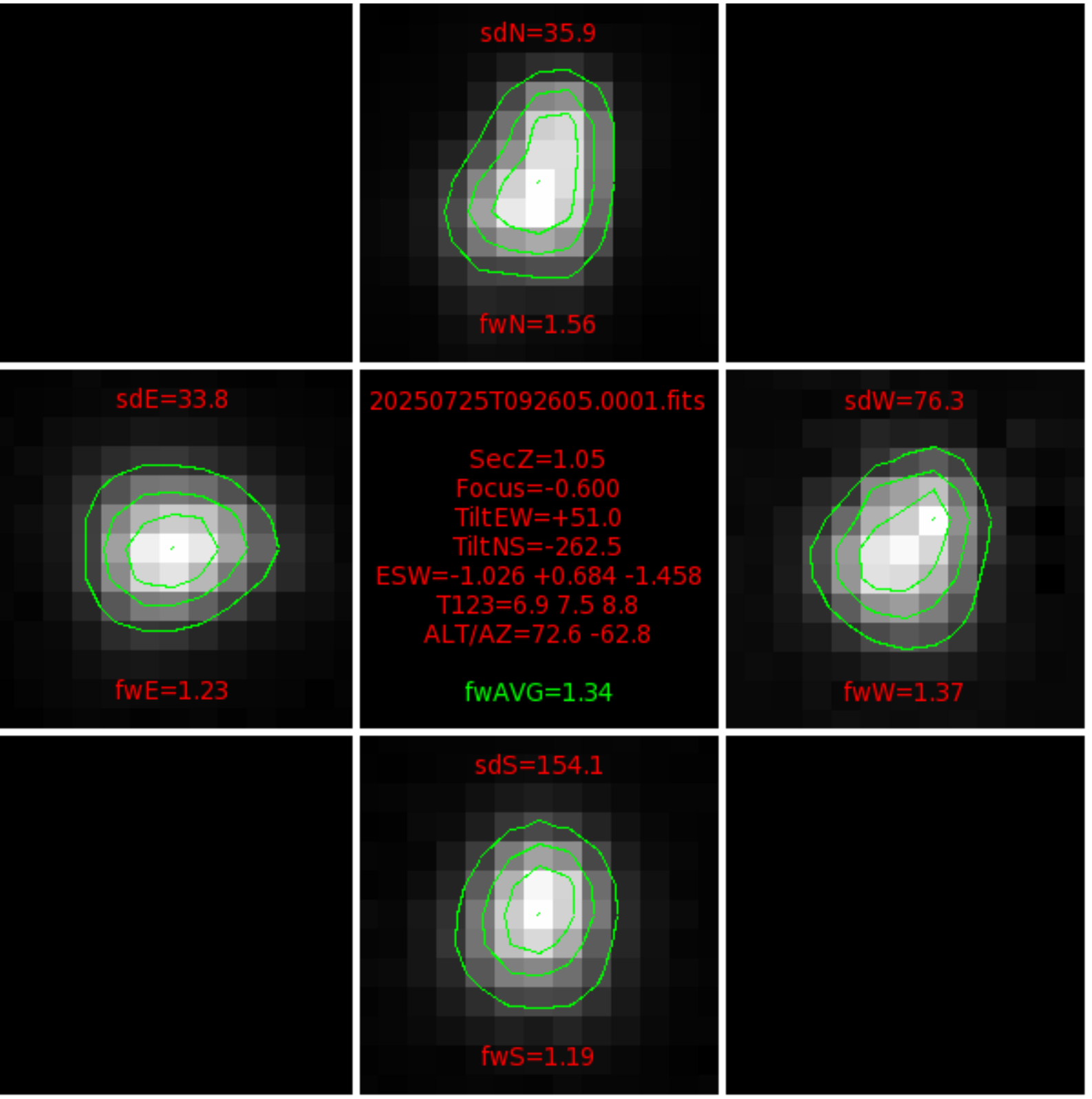
sdN=35.9
fwN=1.56
sdE=33.8
fwE=1.23
20250725T092605.0001.fits
SecZ=1.05
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=72.6 -62.8
fwAVG=1.34
sdW=76.3
fwW=1.37
sdS=154.1
fwS=1.19
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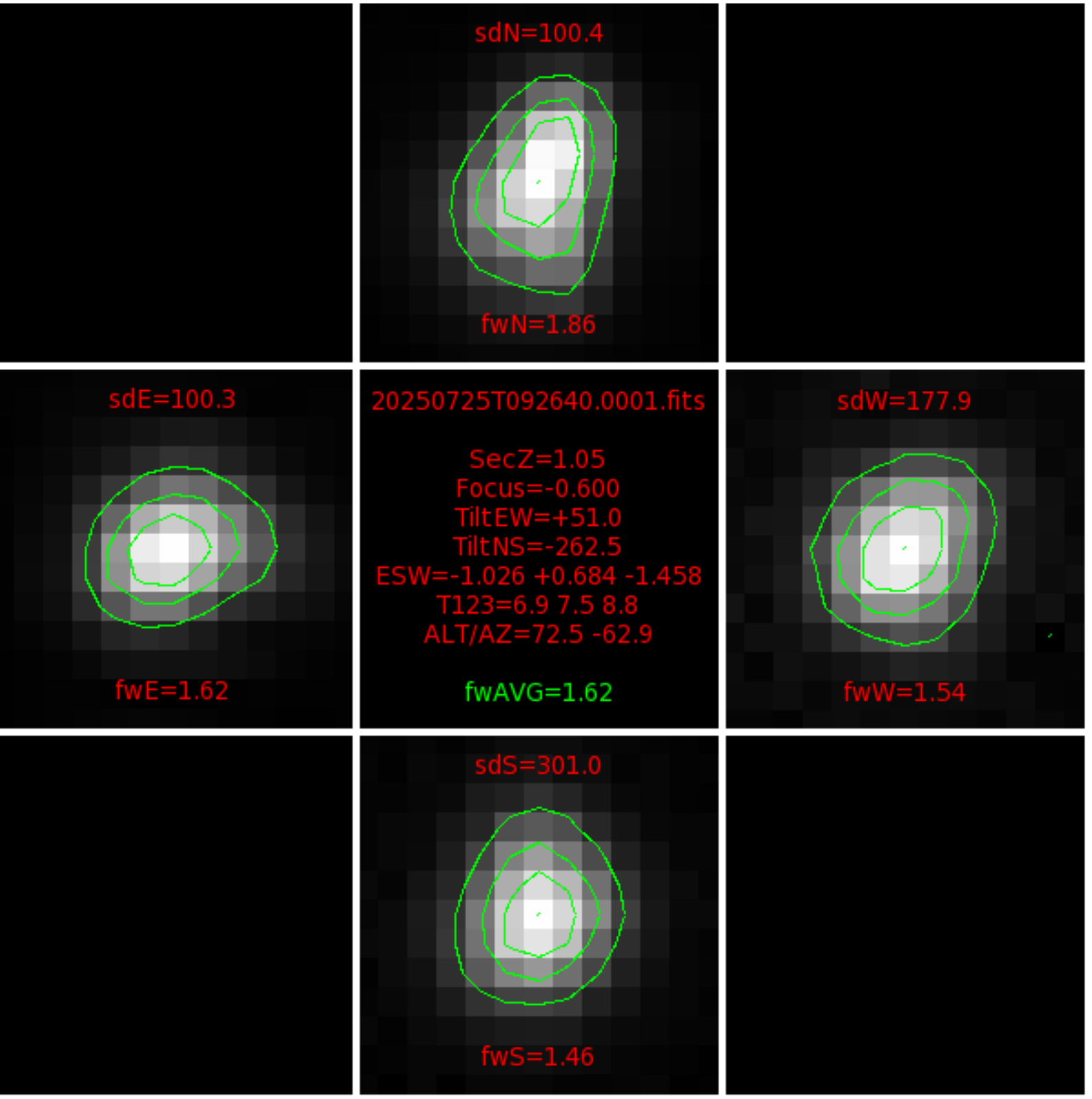
sdN=100.4
fwN=1.86
sdE=100.3
fwE=1.62
20250725T092640.0001.fits
SecZ=1.05
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=72.5 -62.9
fwAVG=1.62
sdW=177.9
fwW=1.54
sdS=301.0
fwS=1.46
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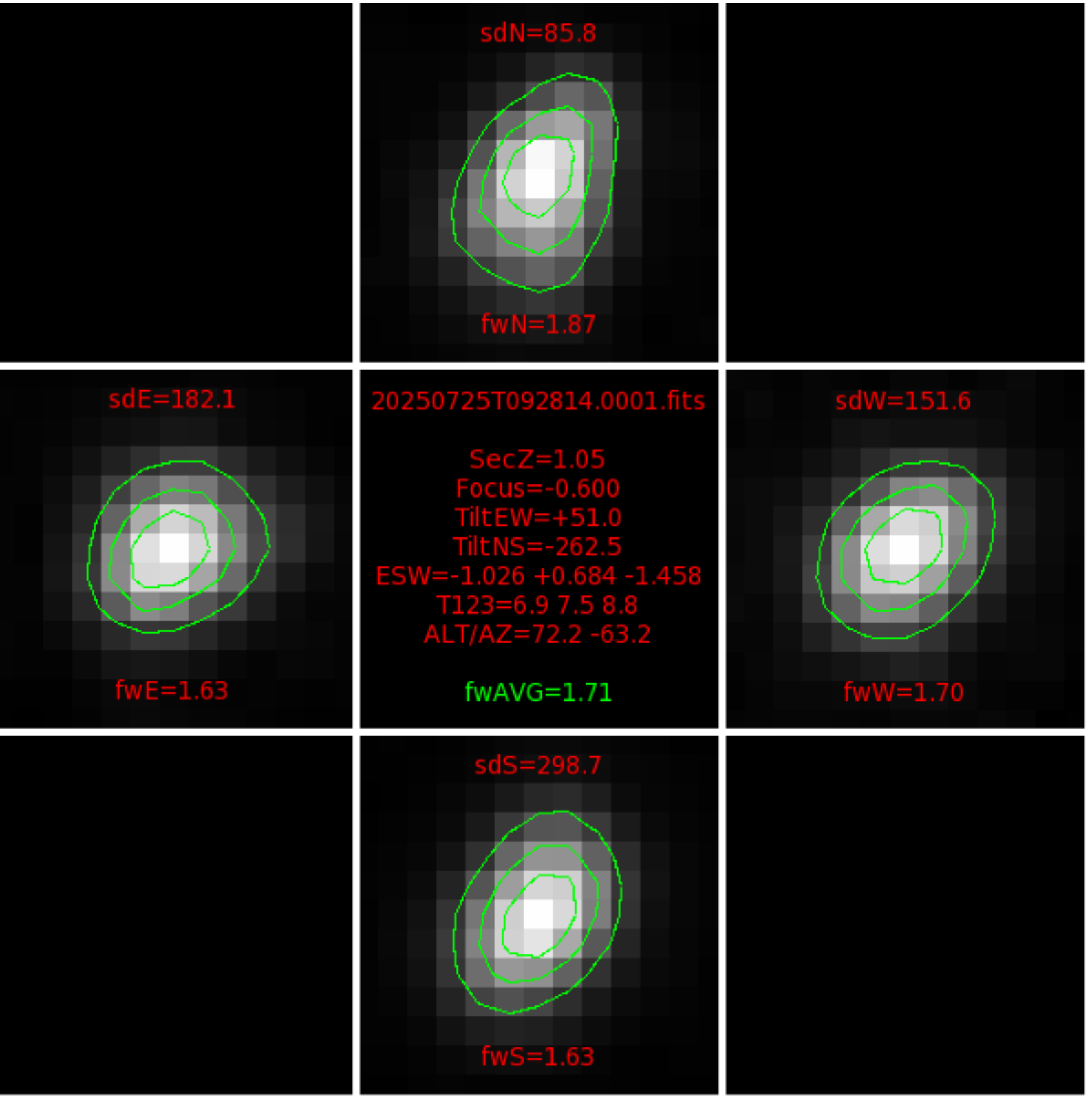
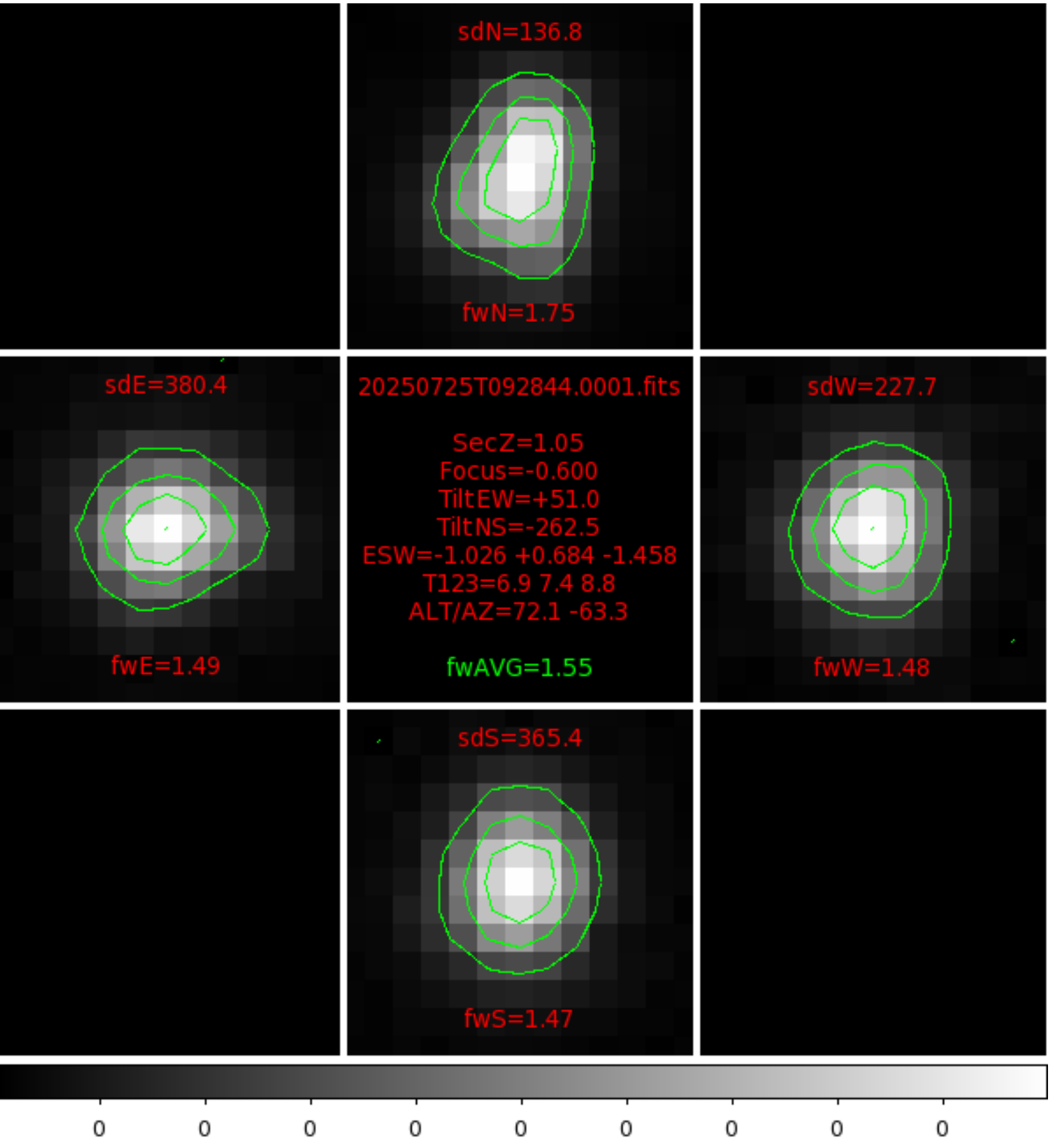
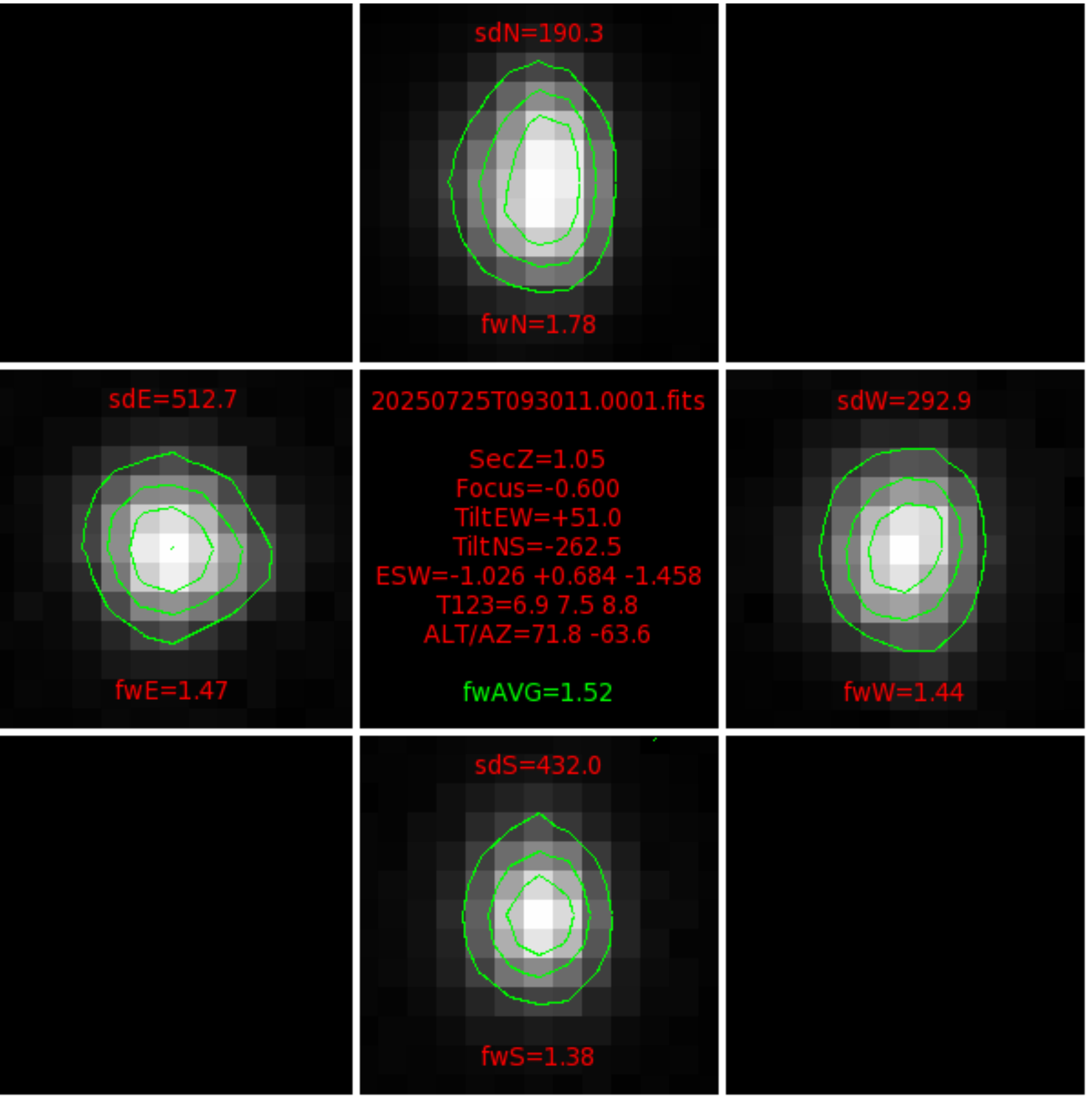

sdN=85.8
fwN=1.87
sdE=182.1
fwE=1.63
20250725T092814.0001.fits
SecZ=1.05
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=72.2 -63.2
fwAVG=1.71
sdW=151.6
fwW=1.70
sdS=298.7
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=136.8
fwN=1.75
sdE=380.4
fwE=1.49
20250725T092844.0001.fits
SecZ=1.05
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.4 8.8
ALT/AZ=72.1 -63.3
fwAVG=1.55
sdW=227.7
fwW=1.48
sdS=365.4
fwS=1.47
0 0 0 0 0 0 0 0 0


sdN=190.3
fwN=1.78
sdE=512.7
fwE=1.47
20250725T093011.0001.fits
SecZ=1.05
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=71.8 -63.6
fwAVG=1.52
sdW=292.9
fwW=1.44
sdS=432.0
fwS=1.38
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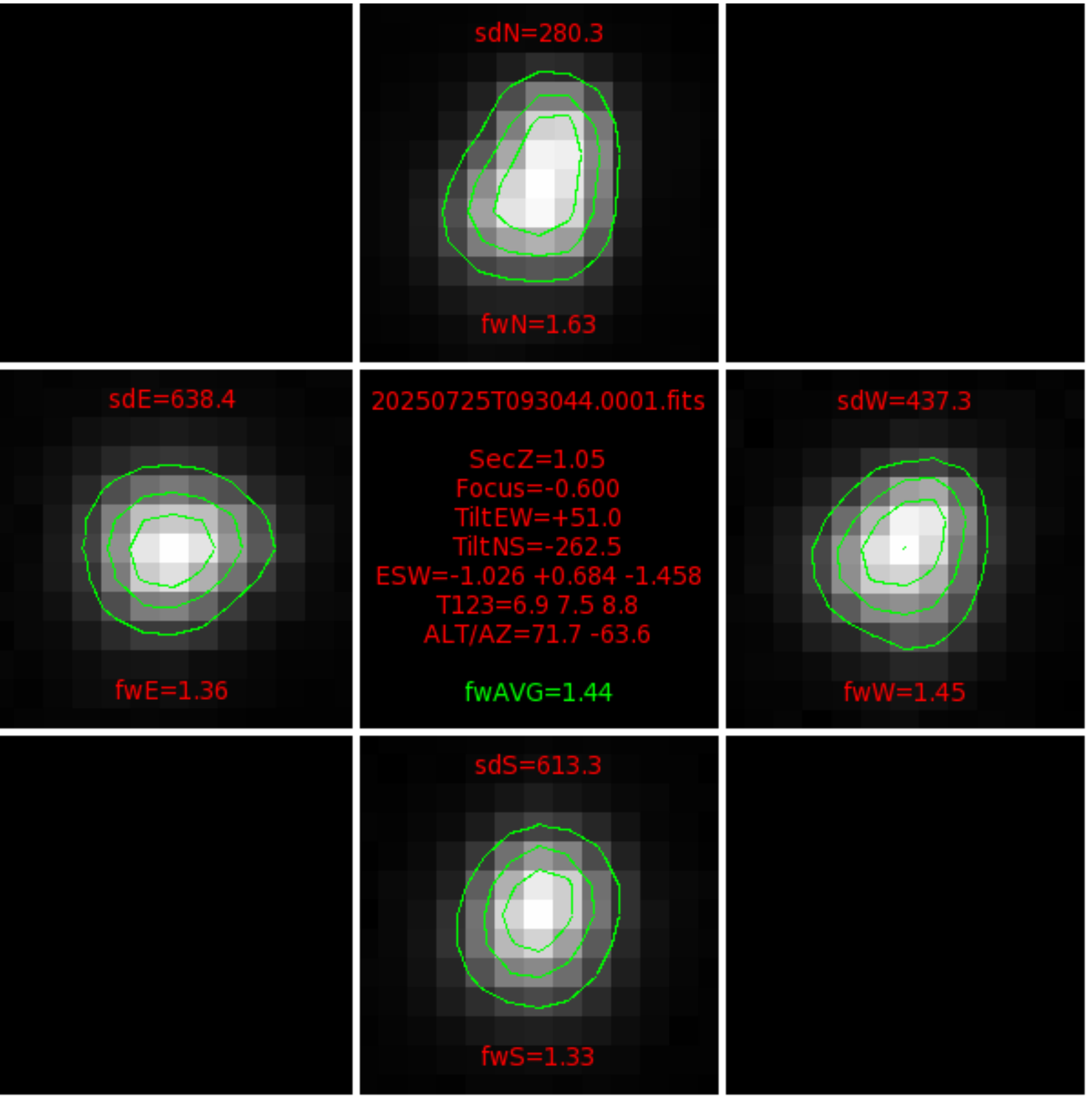
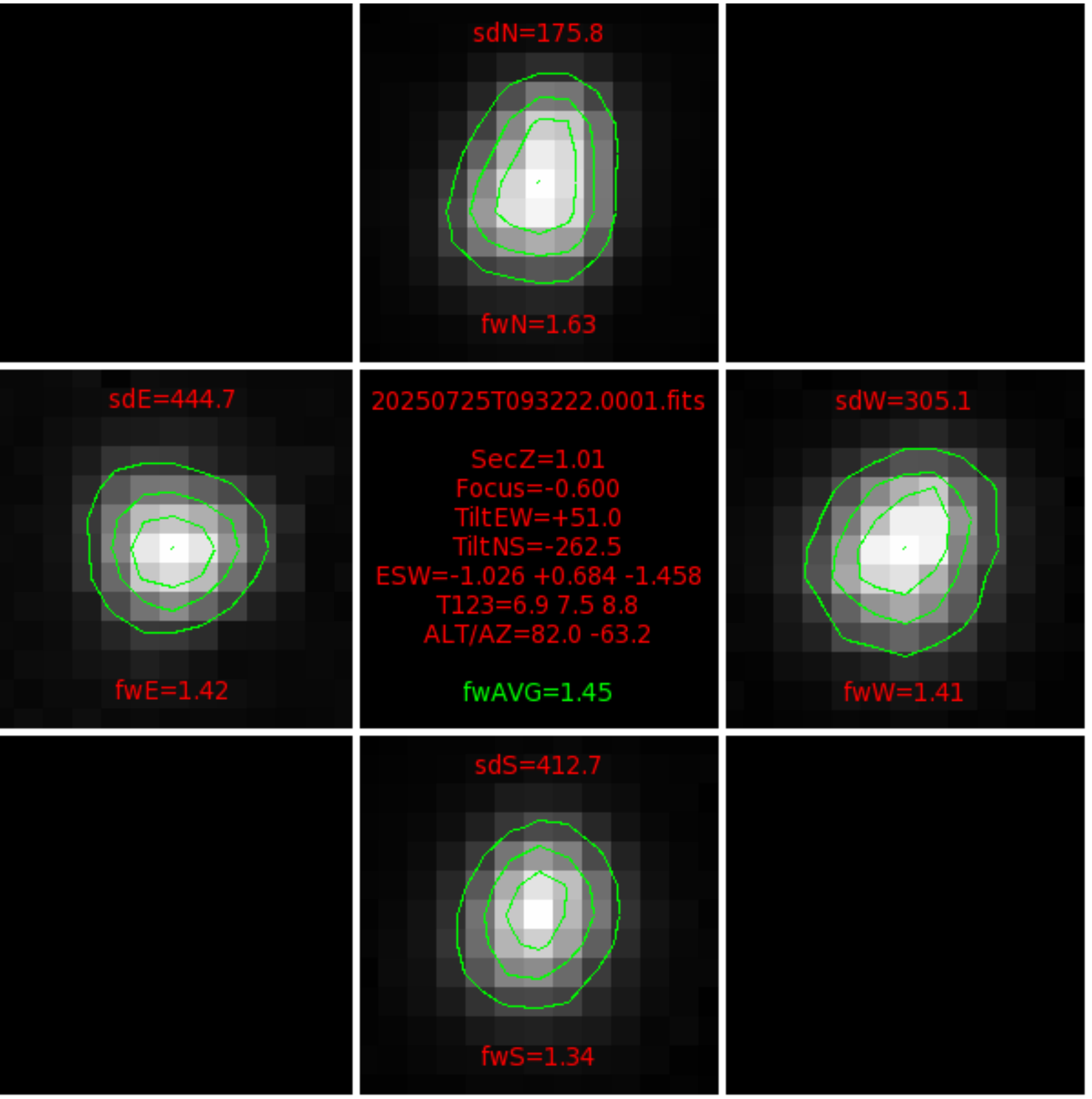
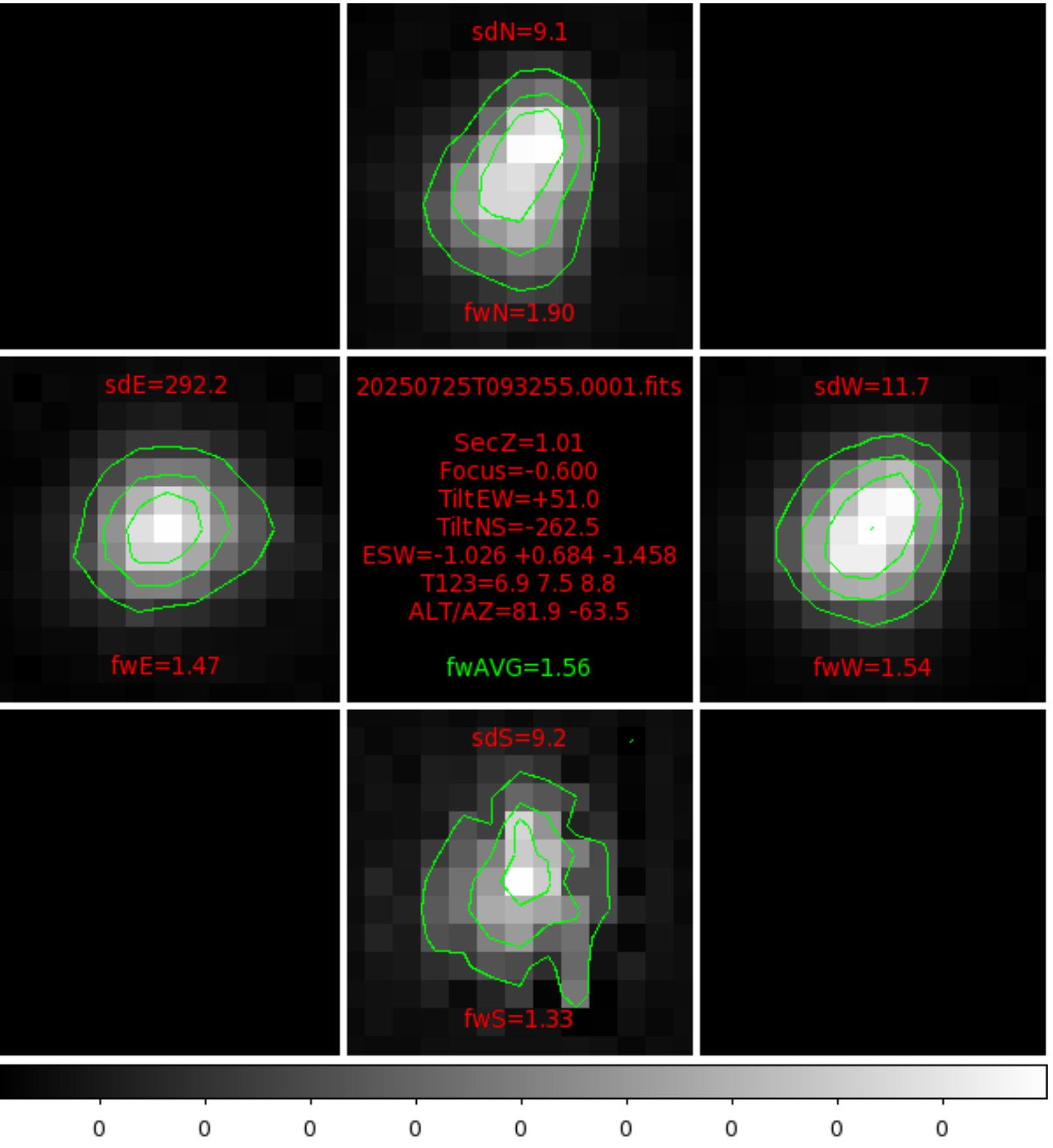
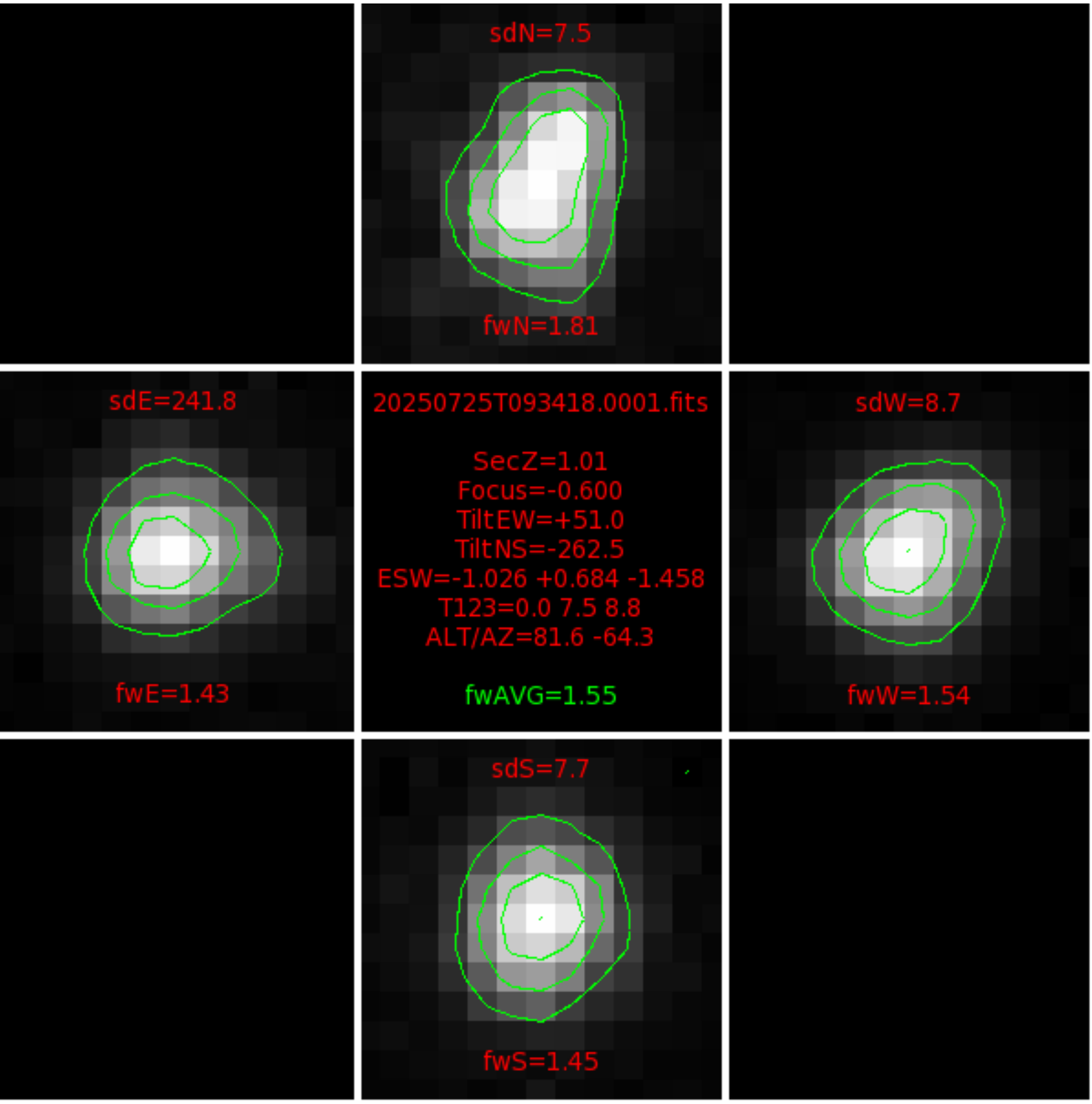
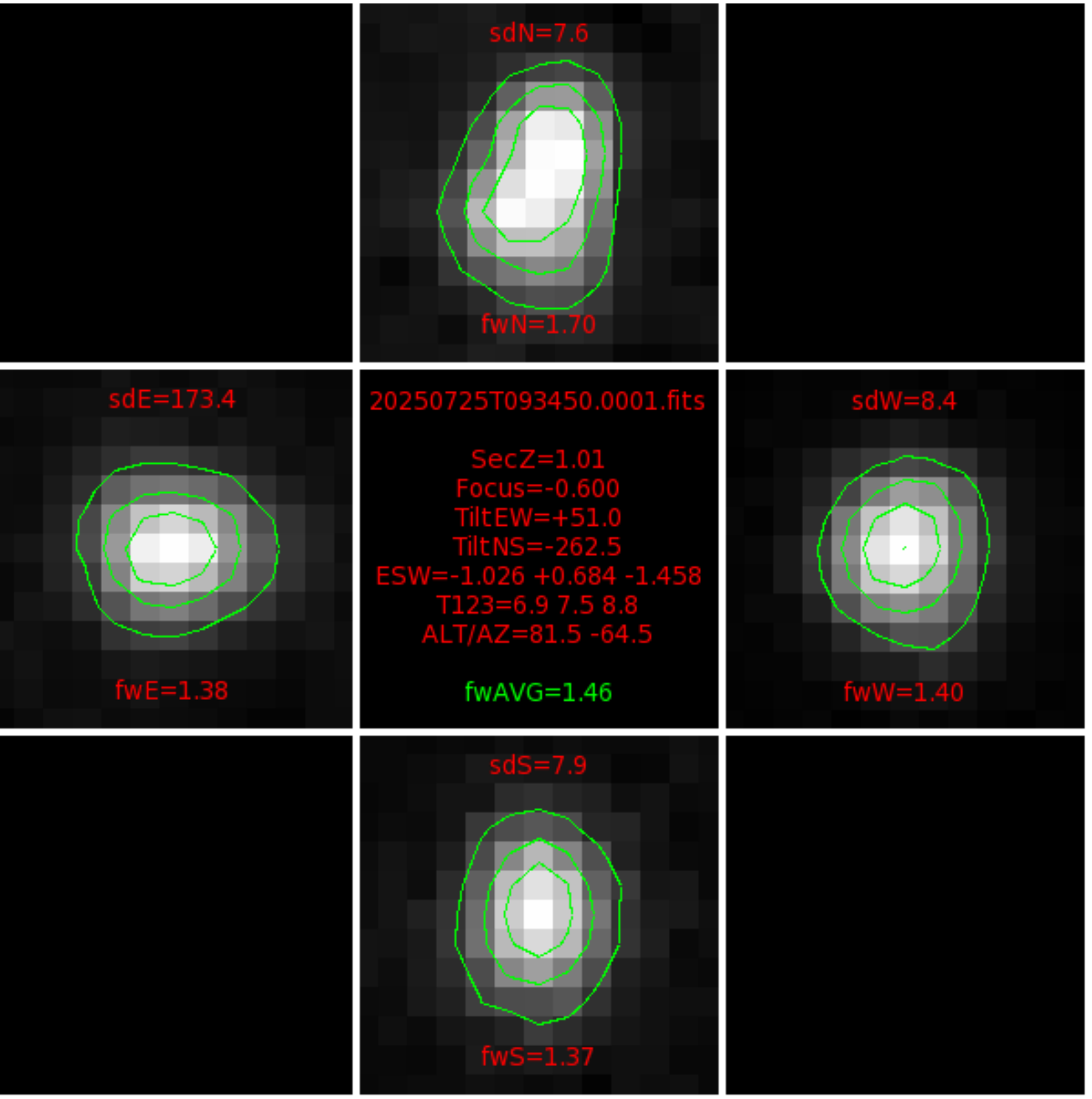
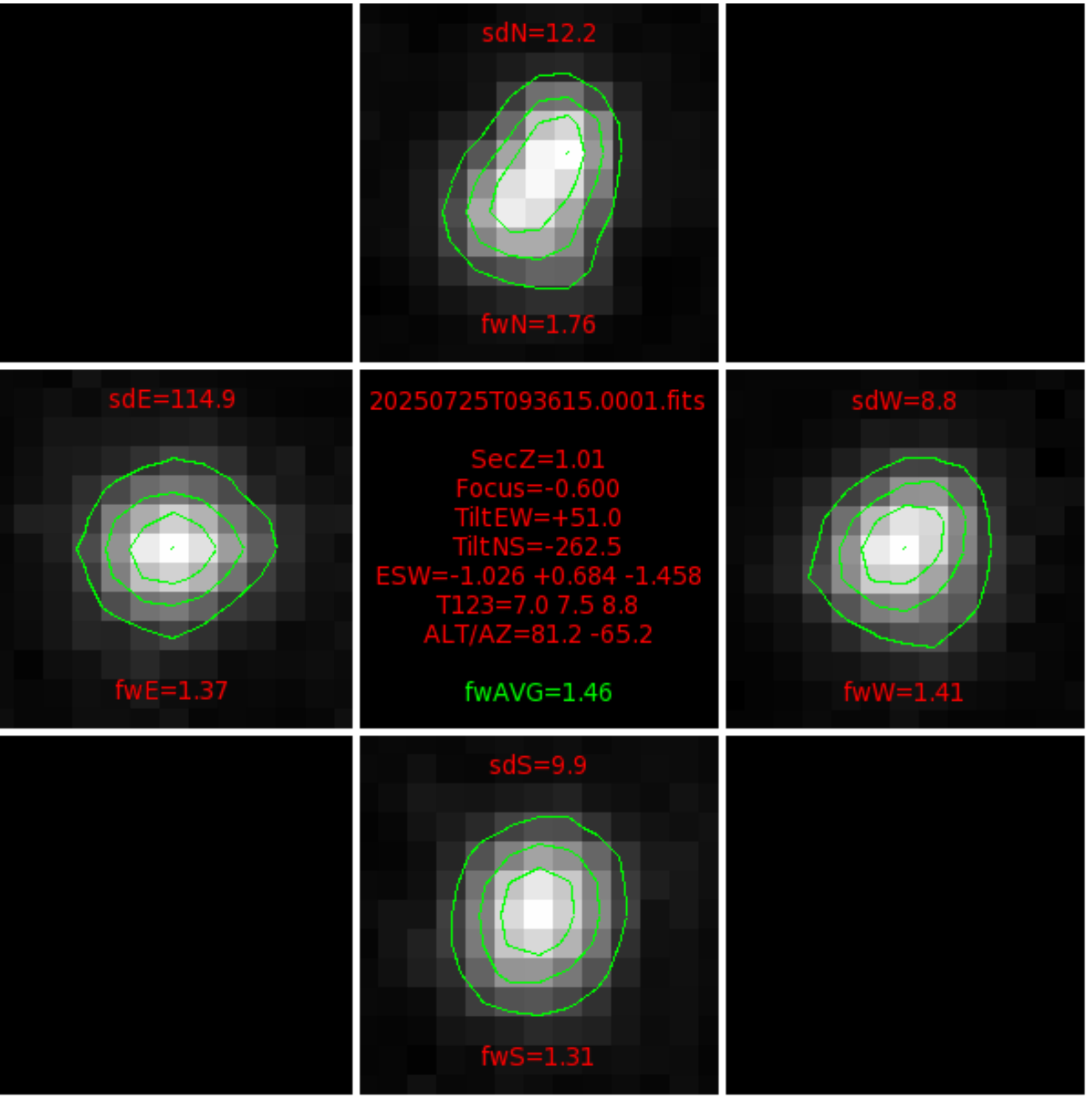

sdN=280.3
fwN=1.63
sdE=638.4
fwE=1.36
20250725T093044.0001.fits
SecZ=1.05
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=71.7 -63.6
fwAVG=1.44
sdW=437.3
fwW=1.45
sdS=613.3
fwS=1.33
0 0 0 0 0 0 0 0 0


sdN=175.8
fwN=1.63
sdE=444.7
fwE=1.42
20250725T093222.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=82.0 -63.2
fwAVG=1.45
sdW=305.1
fwW=1.41
sdS=412.7
fwS=1.34
0 0 0 0 0 0 0 0 0


sdN=9.1
fwN=1.90
sdE=292.2
fwE=1.47
20250725T093255.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=81.9 -63.5
fwAVG=1.56
sdW=11.7
fwW=1.54
sdS=9.2
fwS=1.33
0 0 0 0 0 0 0 0 0


sdN=7.5
fwN=1.81
sdE=241.8
fwE=1.43
20250725T093418.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=0.0 7.5 8.8
ALT/AZ=81.6 -64.3
fwAVG=1.55
sdW=8.7
fwW=1.54
sdS=7.7
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=7.6
fwN=1.70
sdE=173.4
fwE=1.38
20250725T093450.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=6.9 7.5 8.8
ALT/AZ=81.5 -64.5
fwAVG=1.46
sdW=8.4
fwW=1.40
sdS=7.9
fwS=1.37
0 0 0 0 0 0 0 0 0


sdN=12.2
fwN=1.76
sdE=114.9
fwE=1.37
20250725T093615.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.0 7.5 8.8
ALT/AZ=81.2 -65.2
fwAVG=1.46
sdW=8.8
fwW=1.41
sdS=9.9
fwS=1.31
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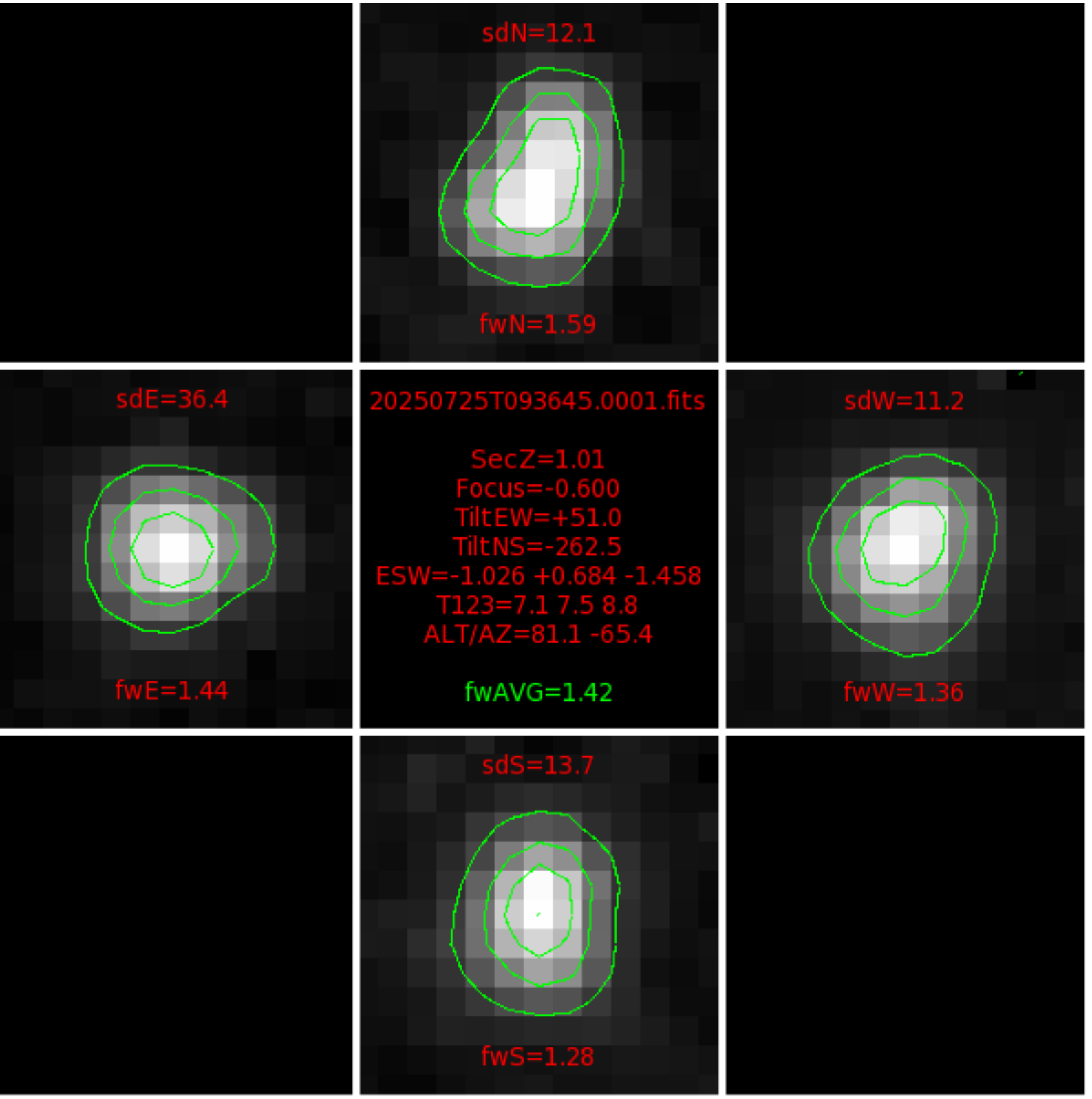
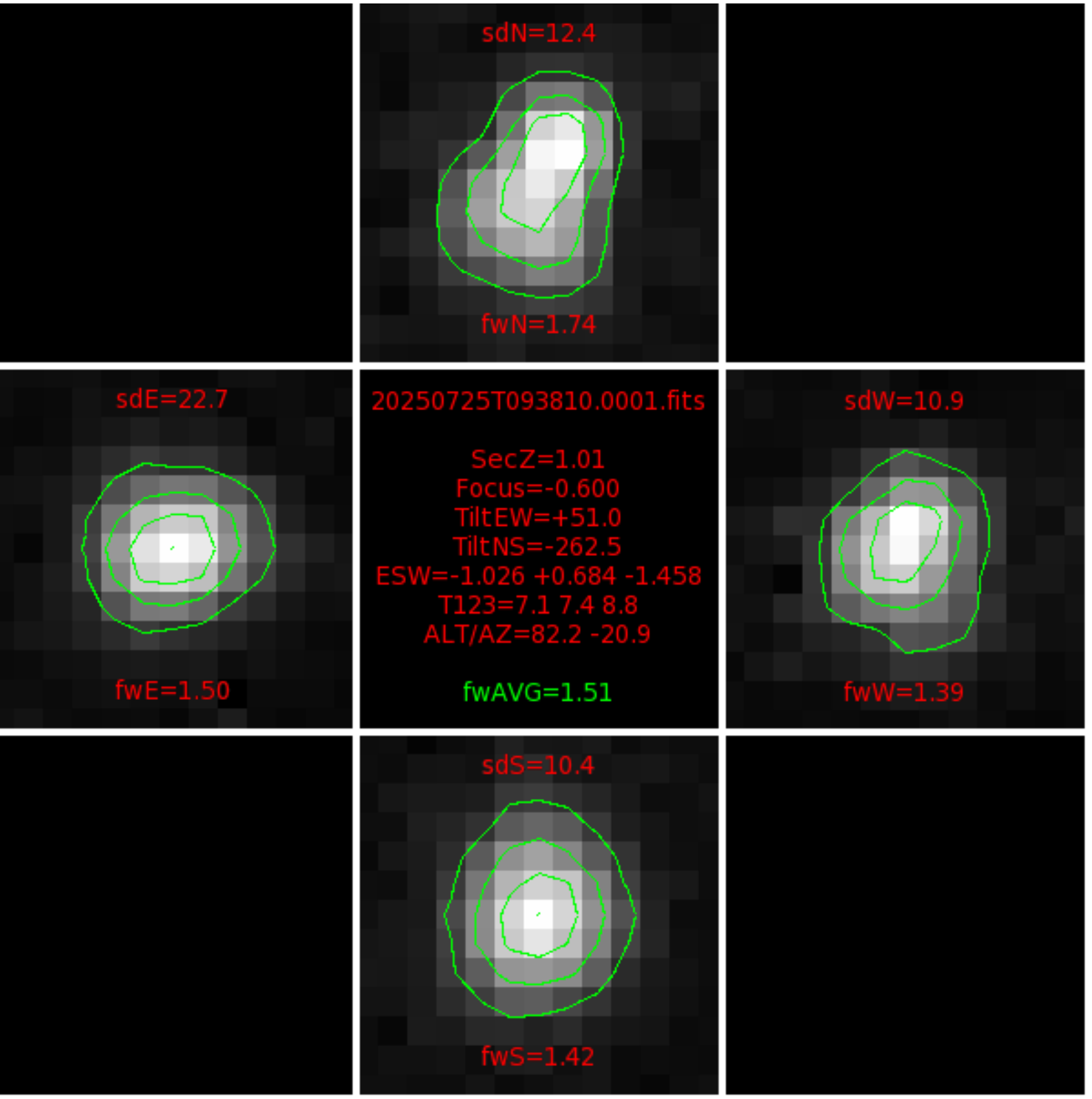
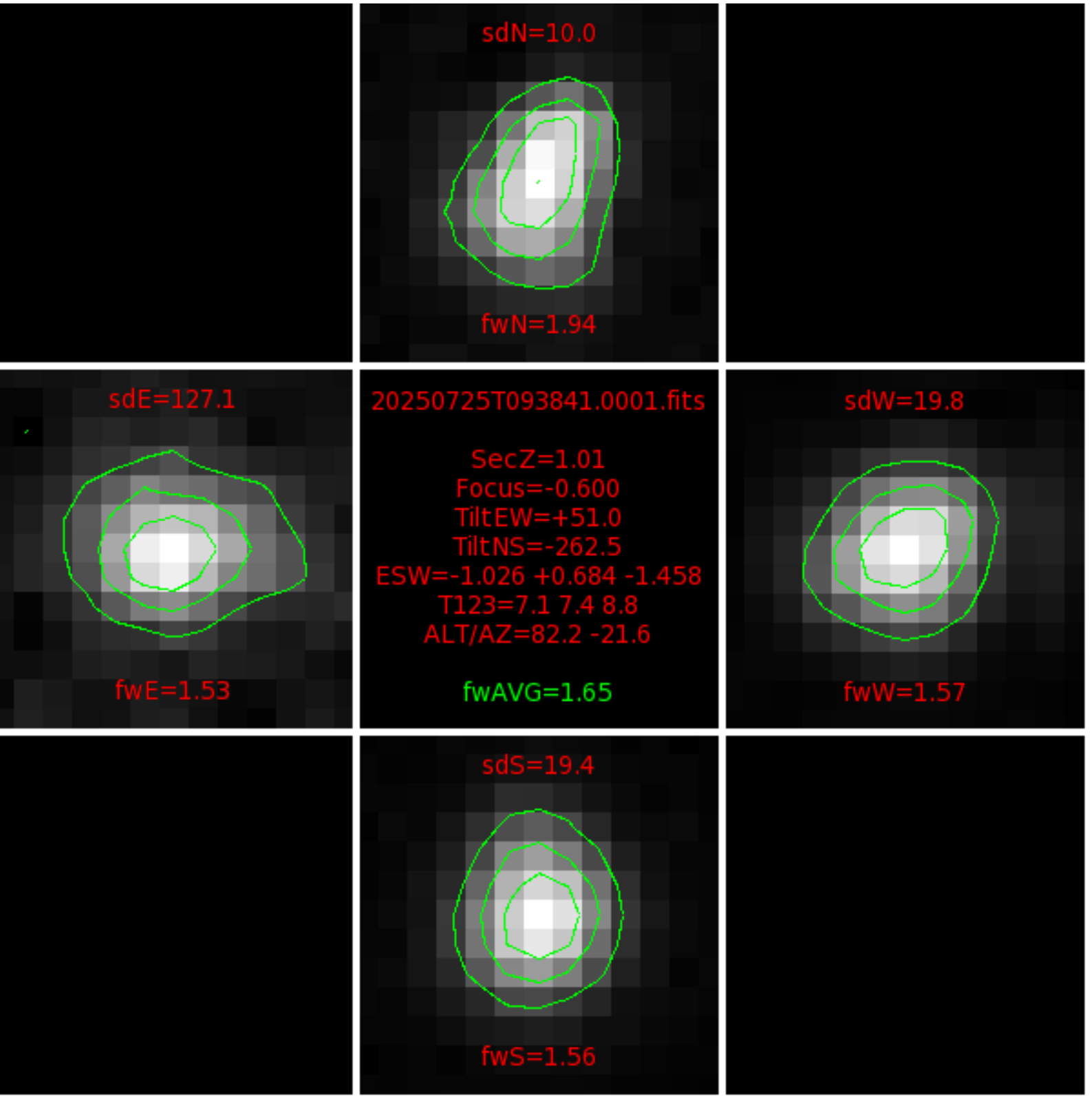
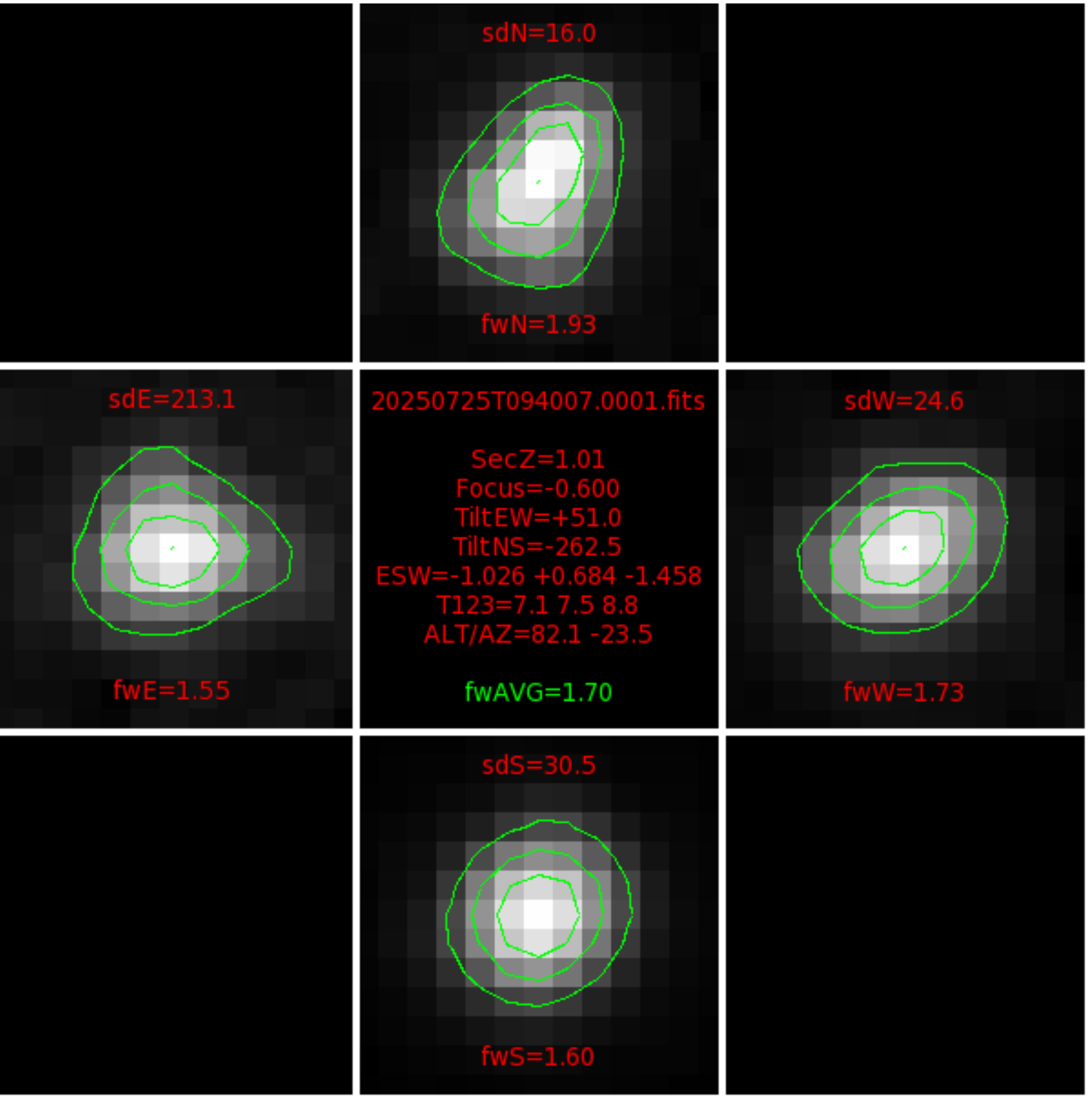
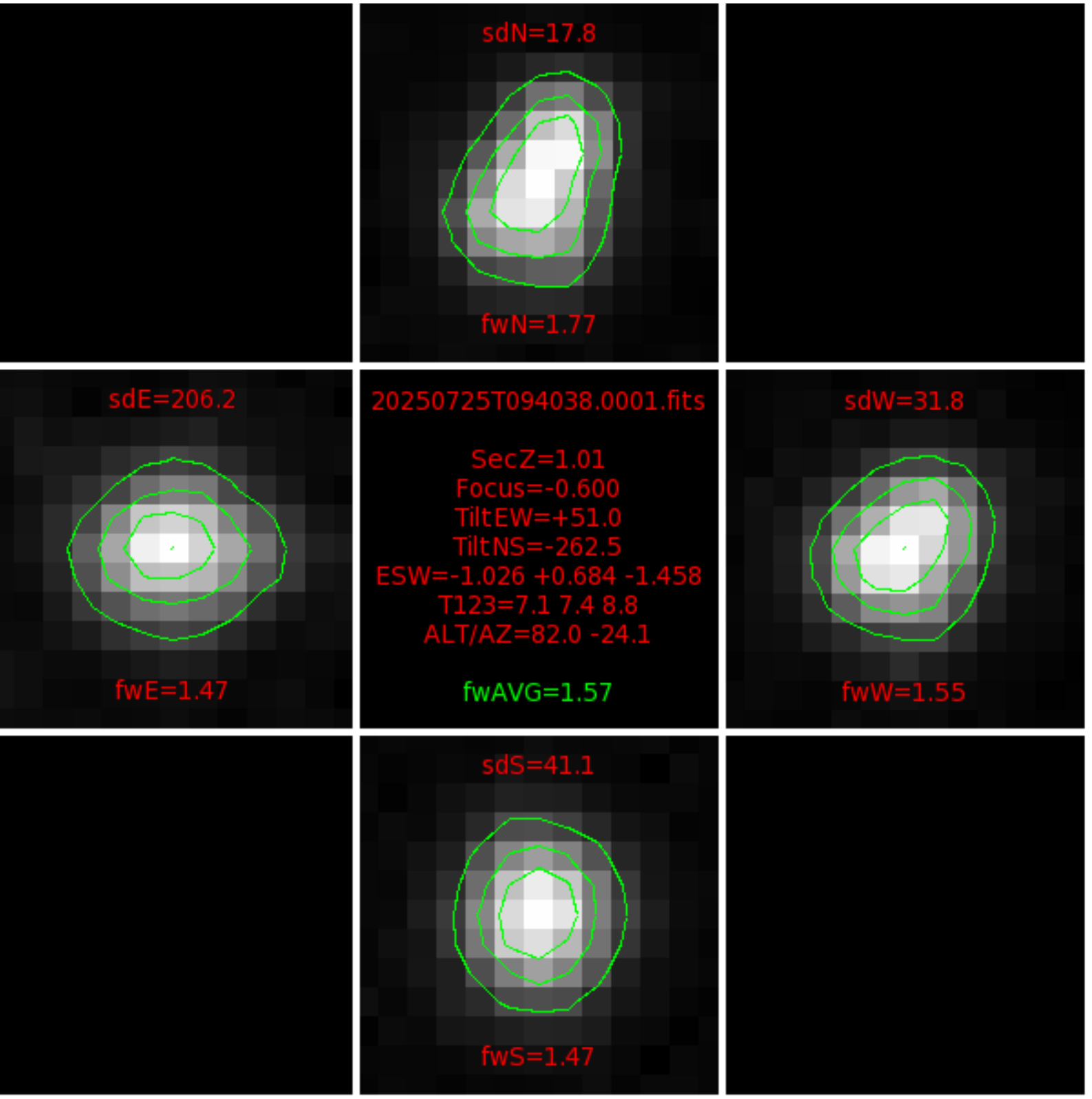
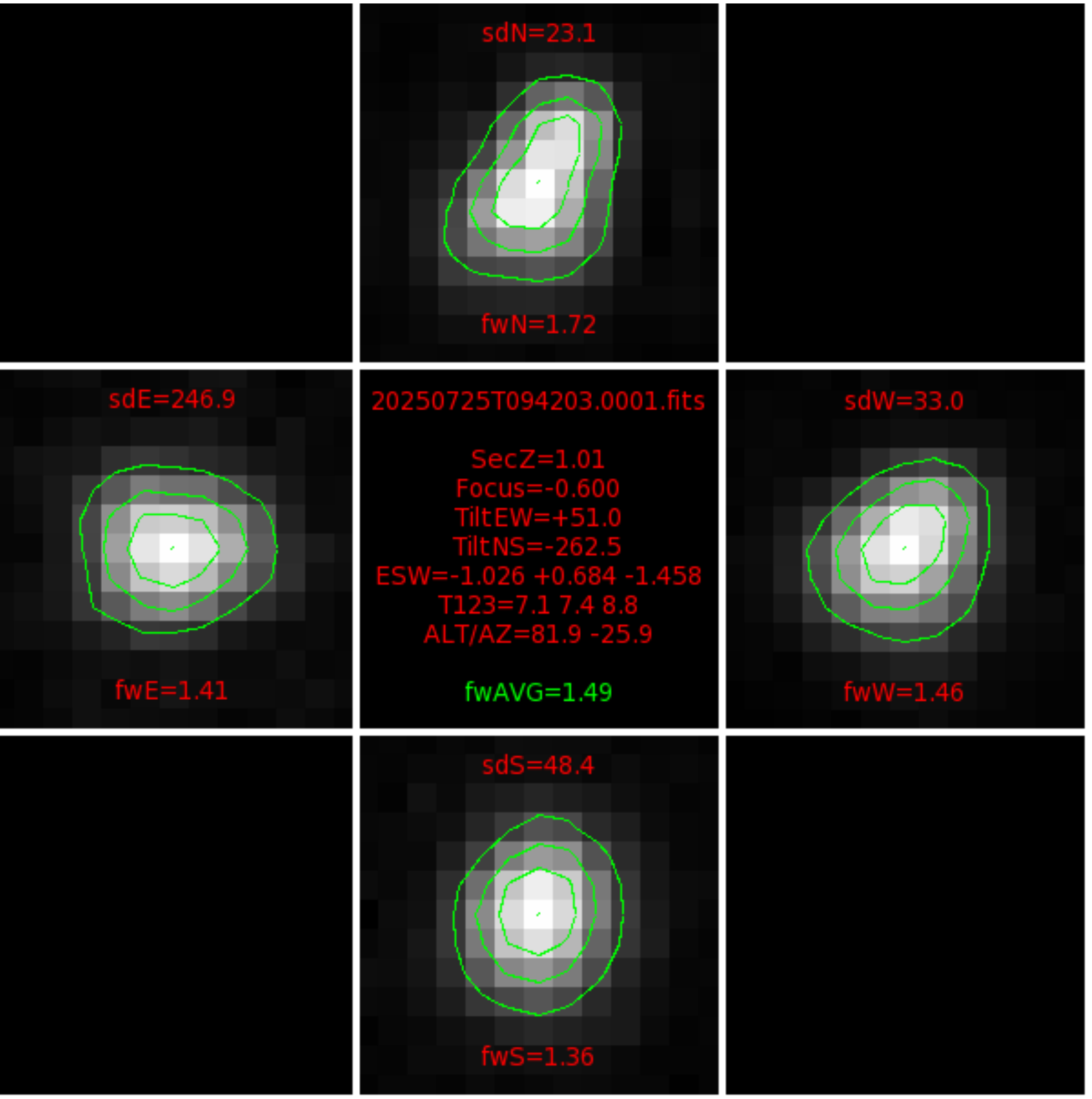

sdN=12.1
fwN=1.59
sdE=36.4
fwE=1.44
20250725T093645.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 7.5 8.8
ALT/AZ=81.1 -65.4
fwAVG=1.42
sdW=11.2
fwW=1.36
sdS=13.7
fwS=1.28
0 0 0 0 0 0 0 0 0

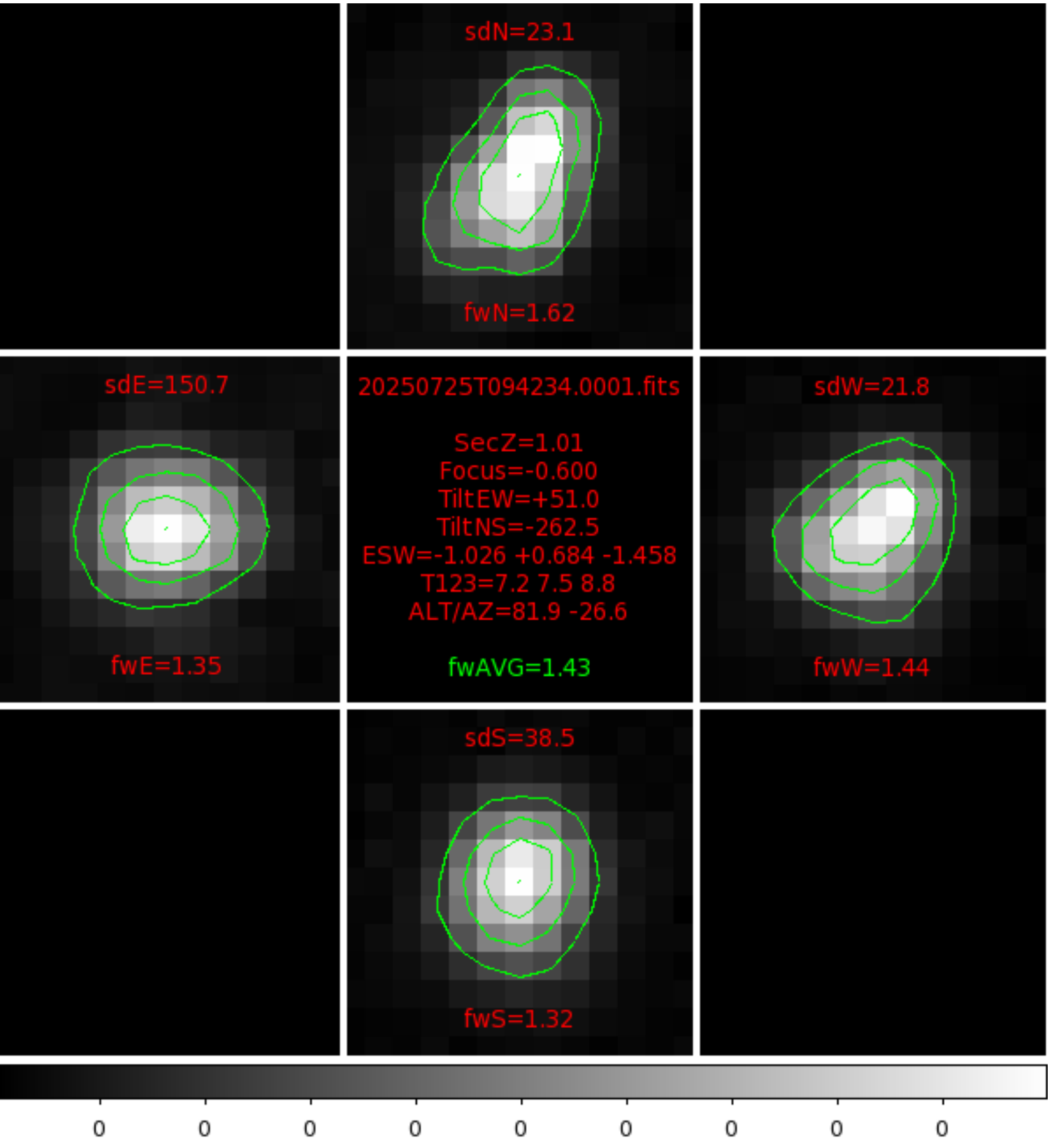

sdN=12.4
fwN=1.74
sdE=22.7
fwE=1.50
20250725T093810.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 7.4 8.8
ALT/AZ=82.2 -20.9
fwAVG=1.51
sdW=10.9
fwW=1.39
sdS=10.4
fwS=1.42
0 0 0 0 0 0 0 0 0


sdN=10.0
fwN=1.94
sdE=127.1
fwE=1.53
20250725T093841.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 7.4 8.8
ALT/AZ=82.2 -21.6
fwAVG=1.65
sdW=19.8
fwW=1.57
sdS=19.4
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=16.0
fwN=1.93
sdE=213.1
fwE=1.55
20250725T094007.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 7.5 8.8
ALT/AZ=82.1 -23.5
fwAVG=1.70
sdW=24.6
fwW=1.73
sdS=30.5
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=17.8
fwN=1.77
sdE=206.2
fwE=1.47
20250725T094038.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 7.4 8.8
ALT/AZ=82.0 -24.1
fwAVG=1.57
sdW=31.8
fwW=1.55
sdS=41.1
fwS=1.47
0 0 0 0 0 0 0 0 0


sdN=23.1
fwN=1.72
sdE=246.9
fwE=1.41
20250725T094203.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.1 7.4 8.8
ALT/AZ=81.9 -25.9
fwAVG=1.49
sdW=33.0
fwW=1.46
sdS=48.4
fwS=1.36
0 0 0 0 0 0 0 0 0


sdN=23.1
fwN=1.62
sdE=150.7
fwE=1.35
20250725T094234.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.2 7.5 8.8
ALT/AZ=81.9 -26.6
fwAVG=1.43
sdW=21.8
fwW=1.44
sdS=38.5
fwS=1.32
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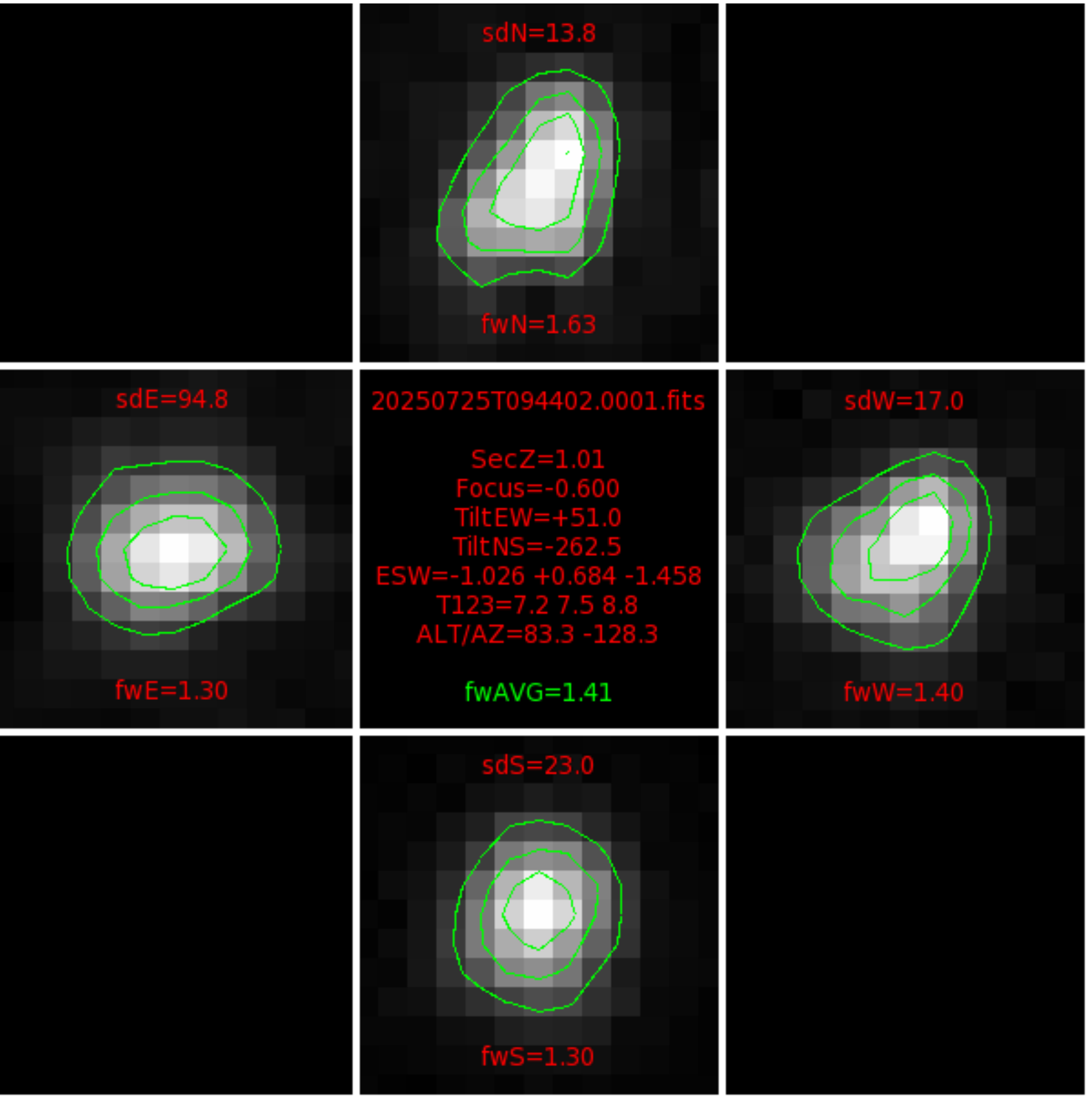
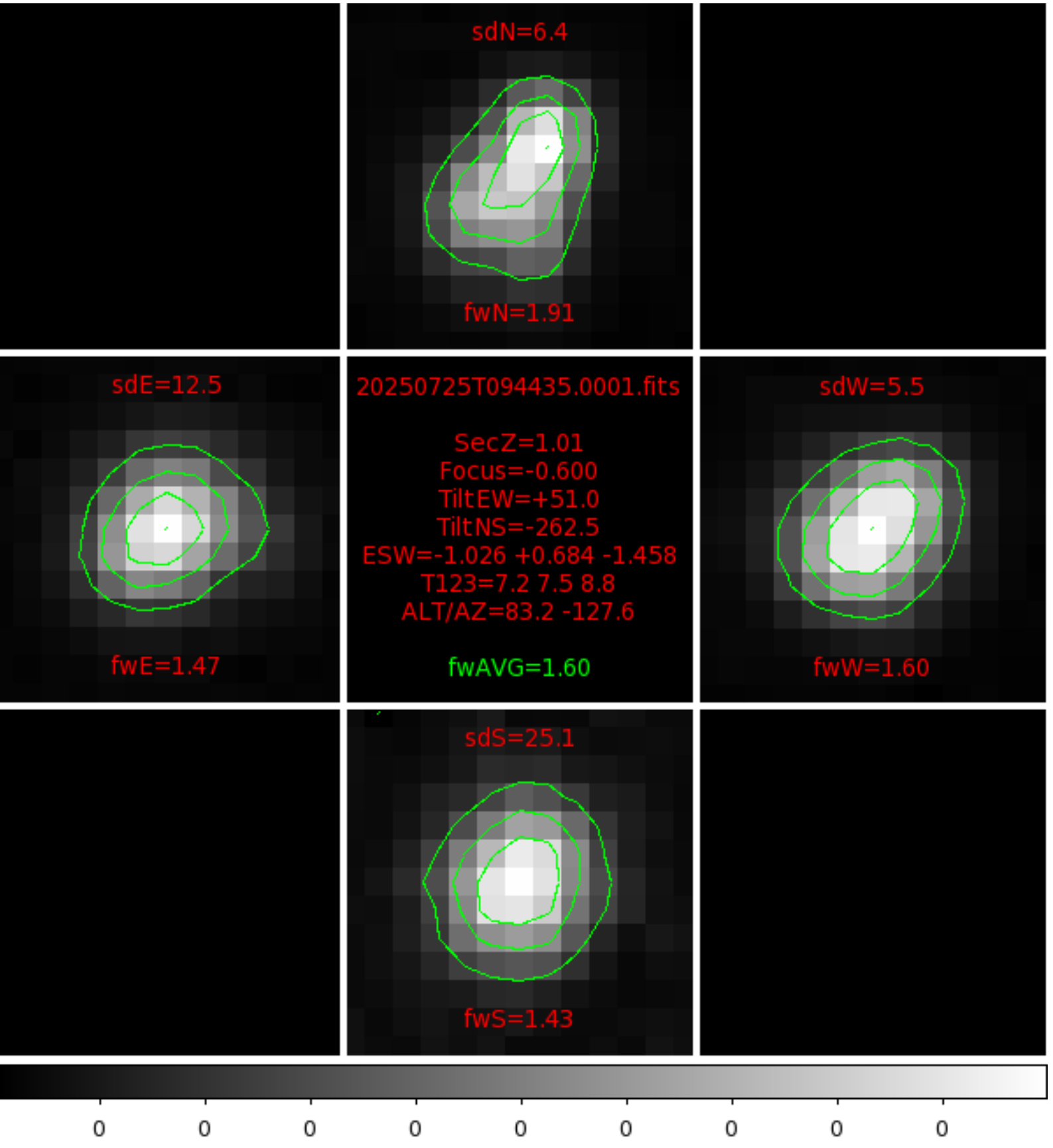
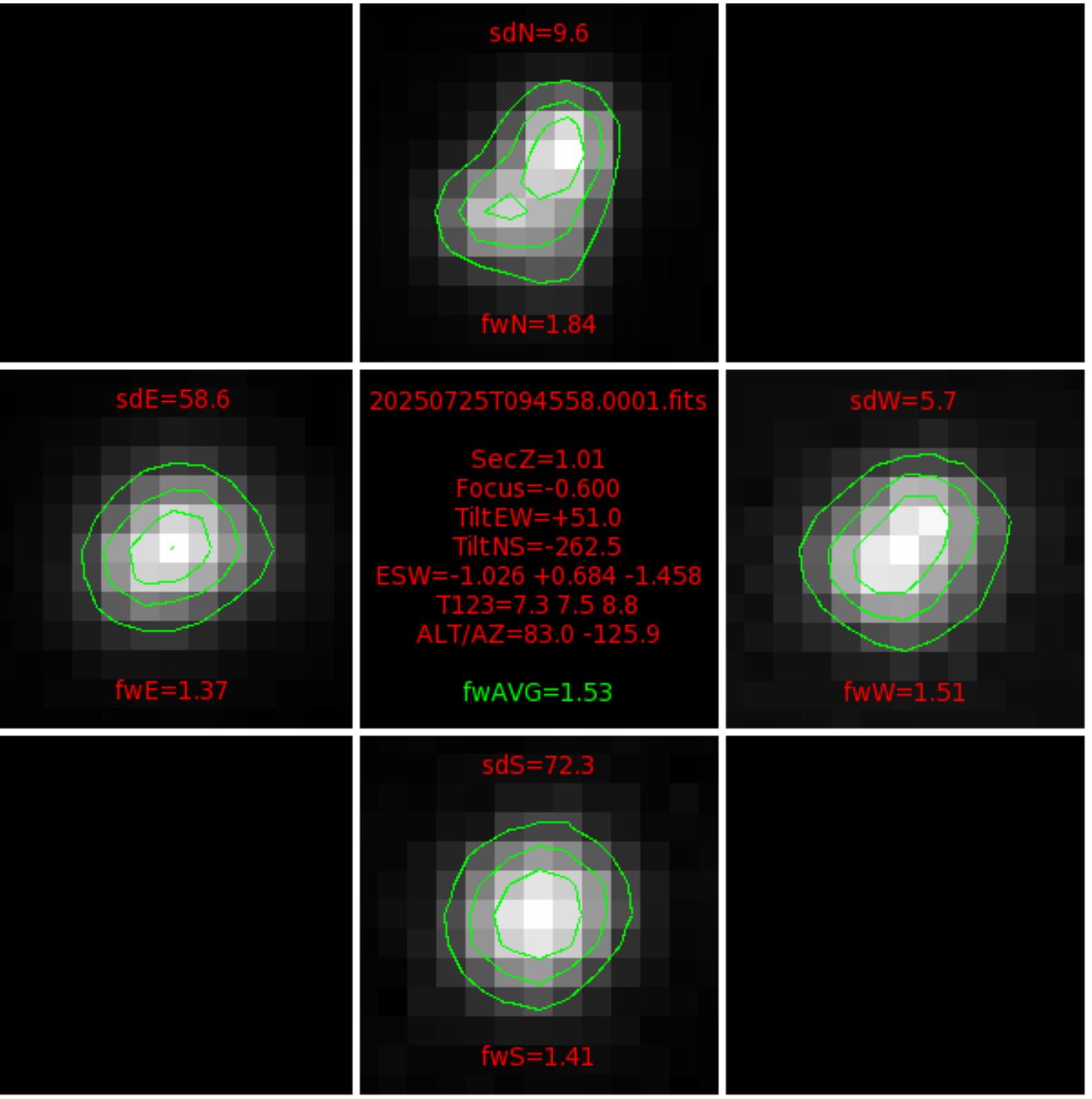

sdN=13.8
fwN=1.63
sdE=94.8
fwE=1.30
20250725T094402.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.2 7.5 8.8
ALT/AZ=83.3 -128.3
fwAVG=1.41
sdW=17.0
fwW=1.40
sdS=23.0
fwS=1.30
0 0 0 0 0 0 0 0 0


sdN=6.4
fwN=1.91
sdE=12.5
fwE=1.47
20250725T094435.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.2 7.5 8.8
ALT/AZ=83.2 -127.6
fwAVG=1.60
sdW=5.5
fwW=1.60
sdS=25.1
fwS=1.43
0 0 0 0 0 0 0 0 0


sdN=9.6
fwN=1.84
sdE=58.6
fwE=1.37
20250725T094558.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.3 7.5 8.8
ALT/AZ=83.0 -125.9
fwAVG=1.53
sdW=5.7
fwW=1.51
sdS=72.3
fwS=1.41
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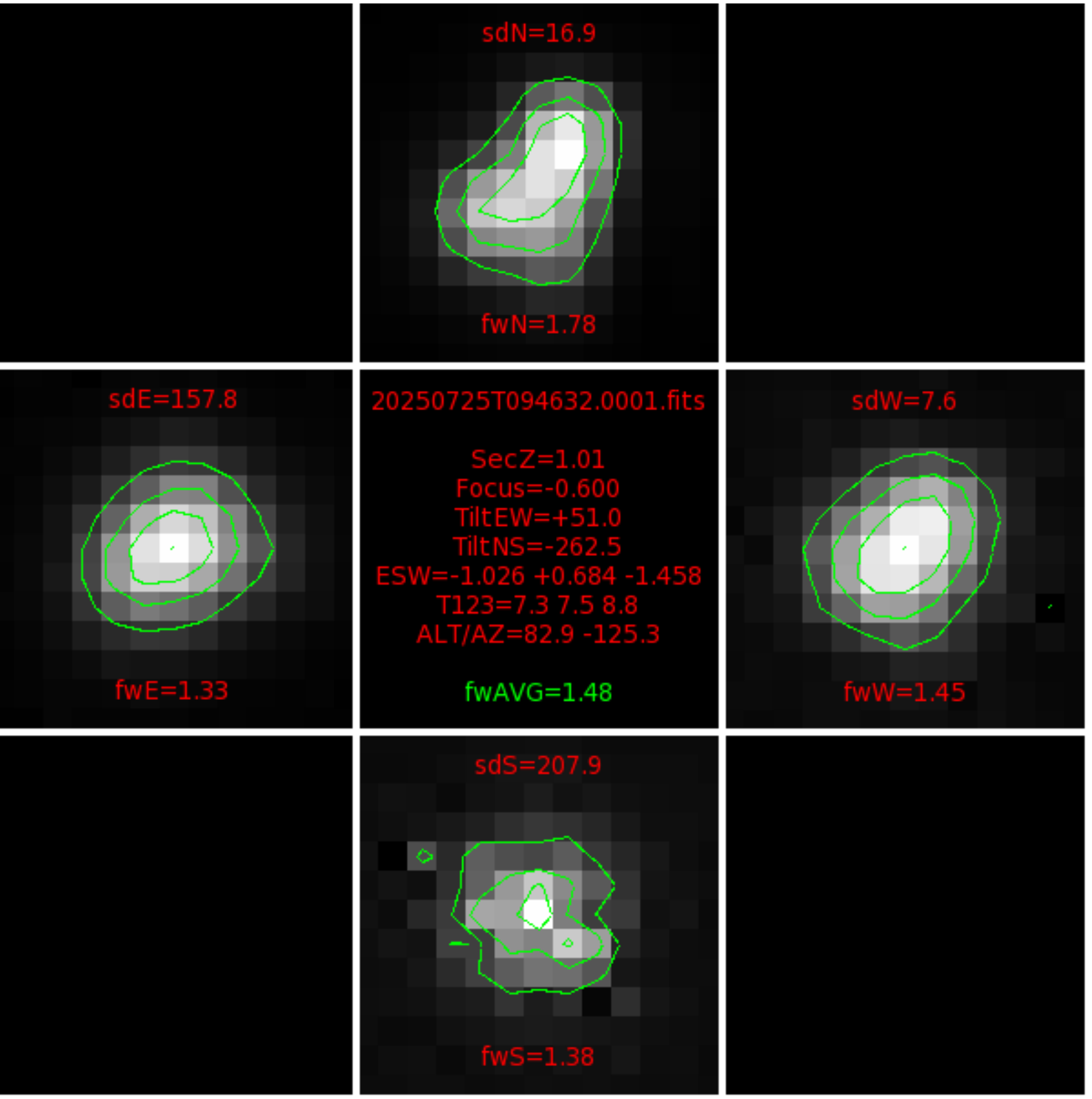
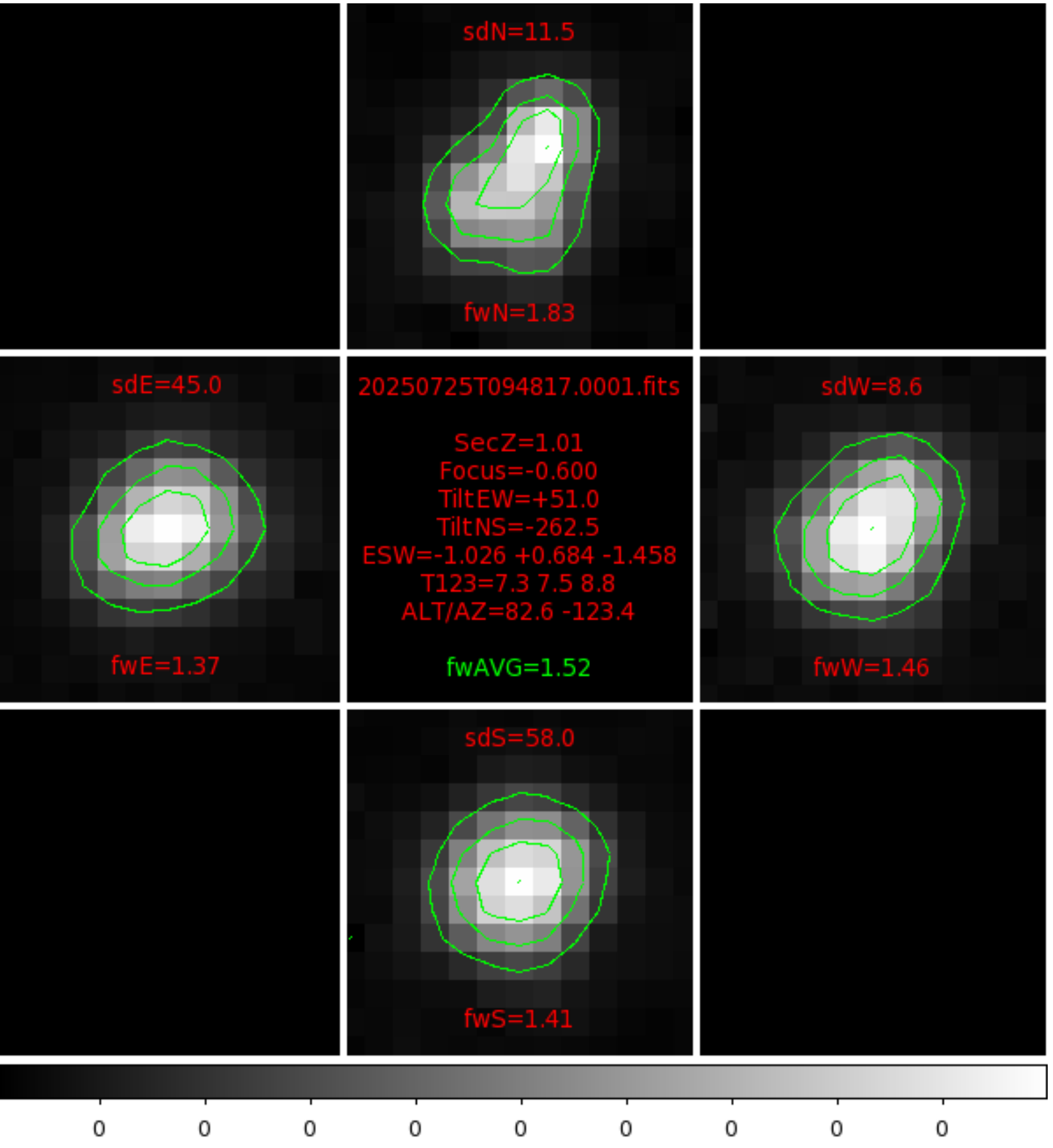

sdN=16.9
fwN=1.78
sdE=157.8
fwE=1.33
20250725T094632.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.3 7.5 8.8
ALT/AZ=82.9 -125.3
fwAVG=1.48
sdW=7.6
fwW=1.45
sdS=207.9
fwS=1.38
0 0 0 0 0 0 0 0 0


sdN=11.5
fwN=1.83
sdE=45.0
fwE=1.37
20250725T094817.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.3 7.5 8.8
ALT/AZ=82.6 -123.4
fwAVG=1.52
sdW=8.6
fwW=1.46
sdS=58.0
fwS=1.41
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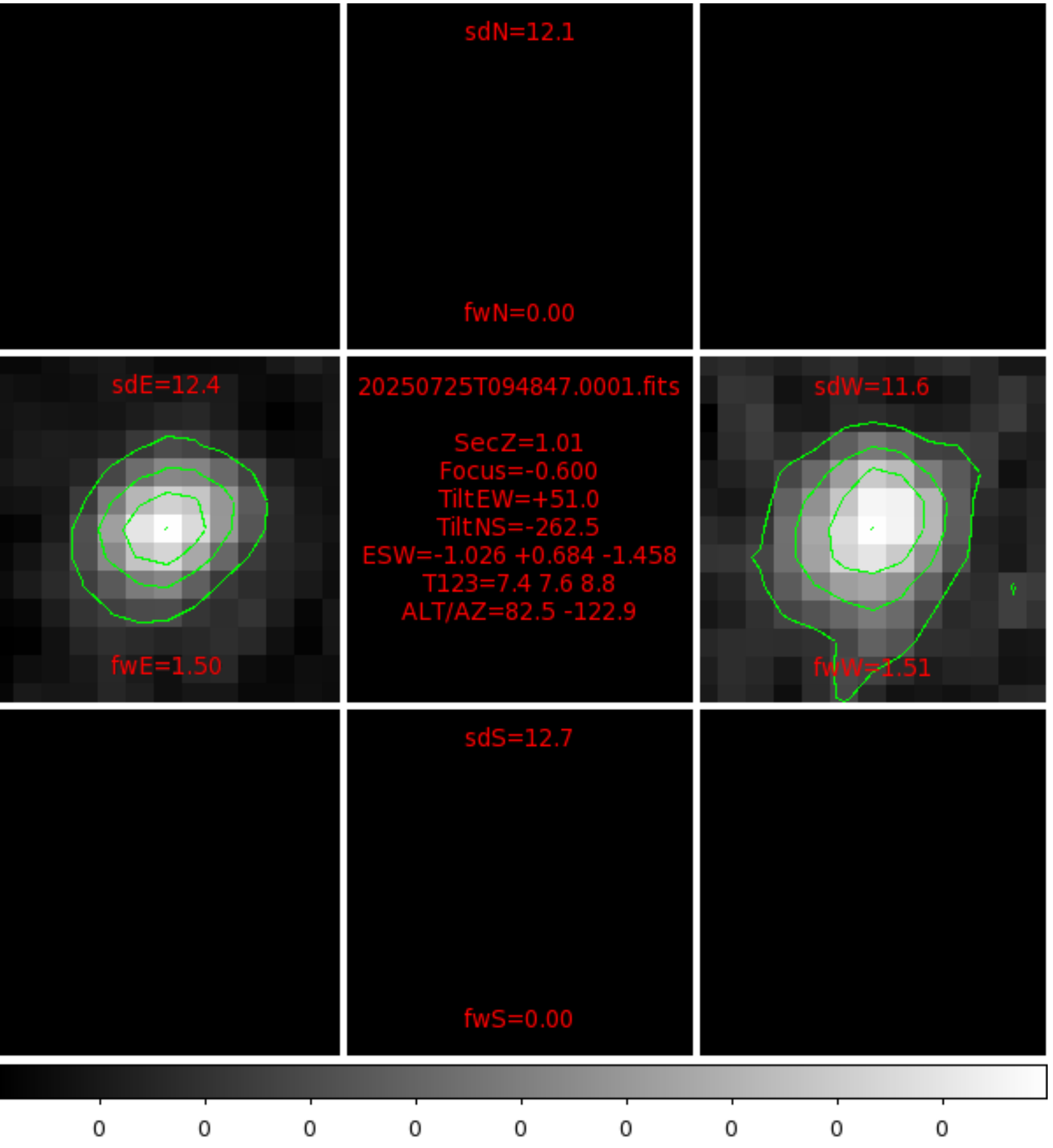
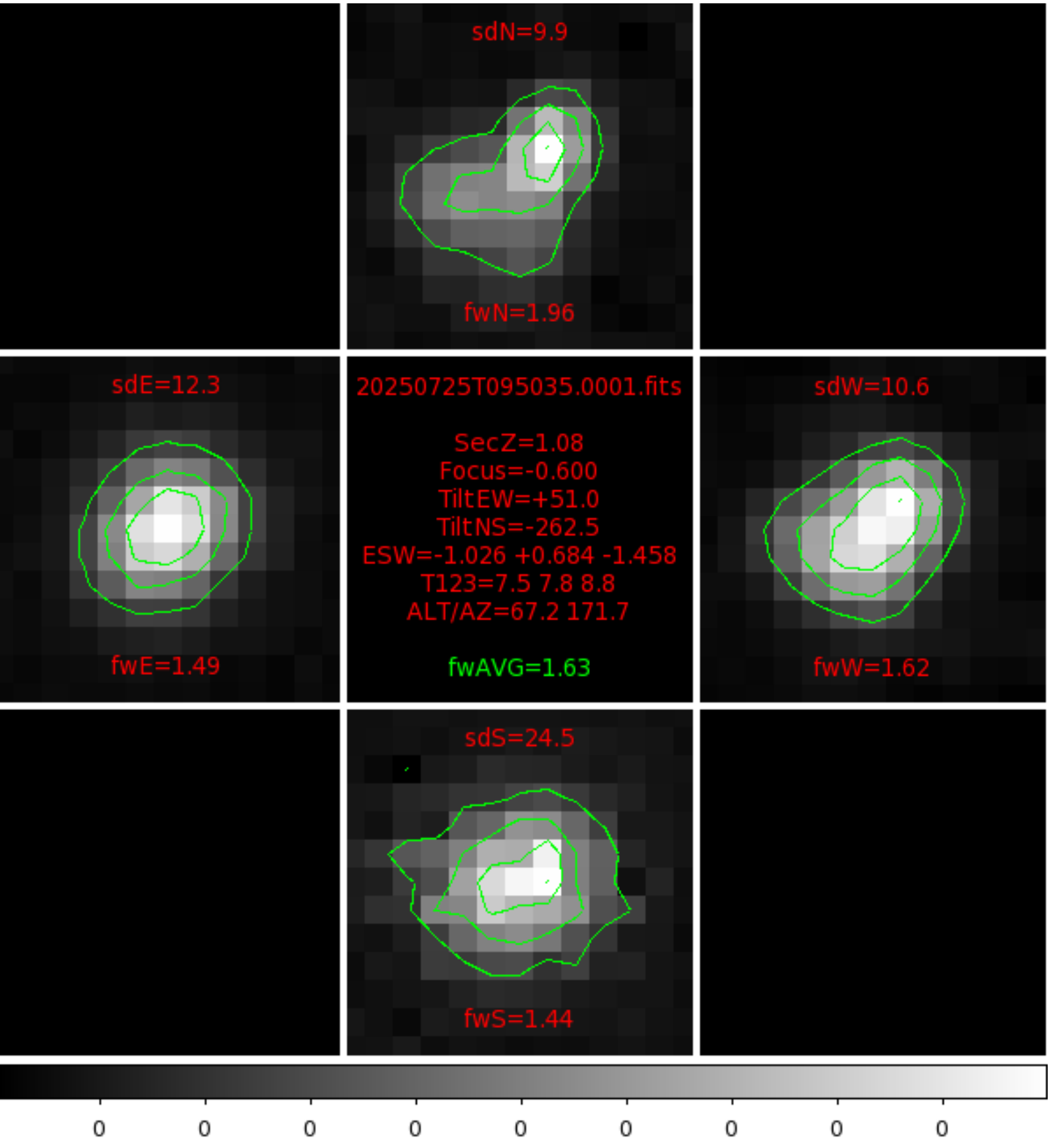

sdN=12.1
fwN=0.00
sdE=12.4
fwE=1.50
20250725T094847.0001.fits
SecZ=1.01
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.4 7.6 8.8
ALT/AZ=82.5 -122.9
sdW=11.6
fwW=1.51
sdS=12.7
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=9.9
fwN=1.96
sdE=12.3
fwE=1.49
20250725T095035.0001.fits
SecZ=1.08
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.5 7.8 8.8
ALT/AZ=67.2 171.7
fwAVG=1.63
sdW=10.6
fwW=1.62
sdS=24.5
fwS=1.44
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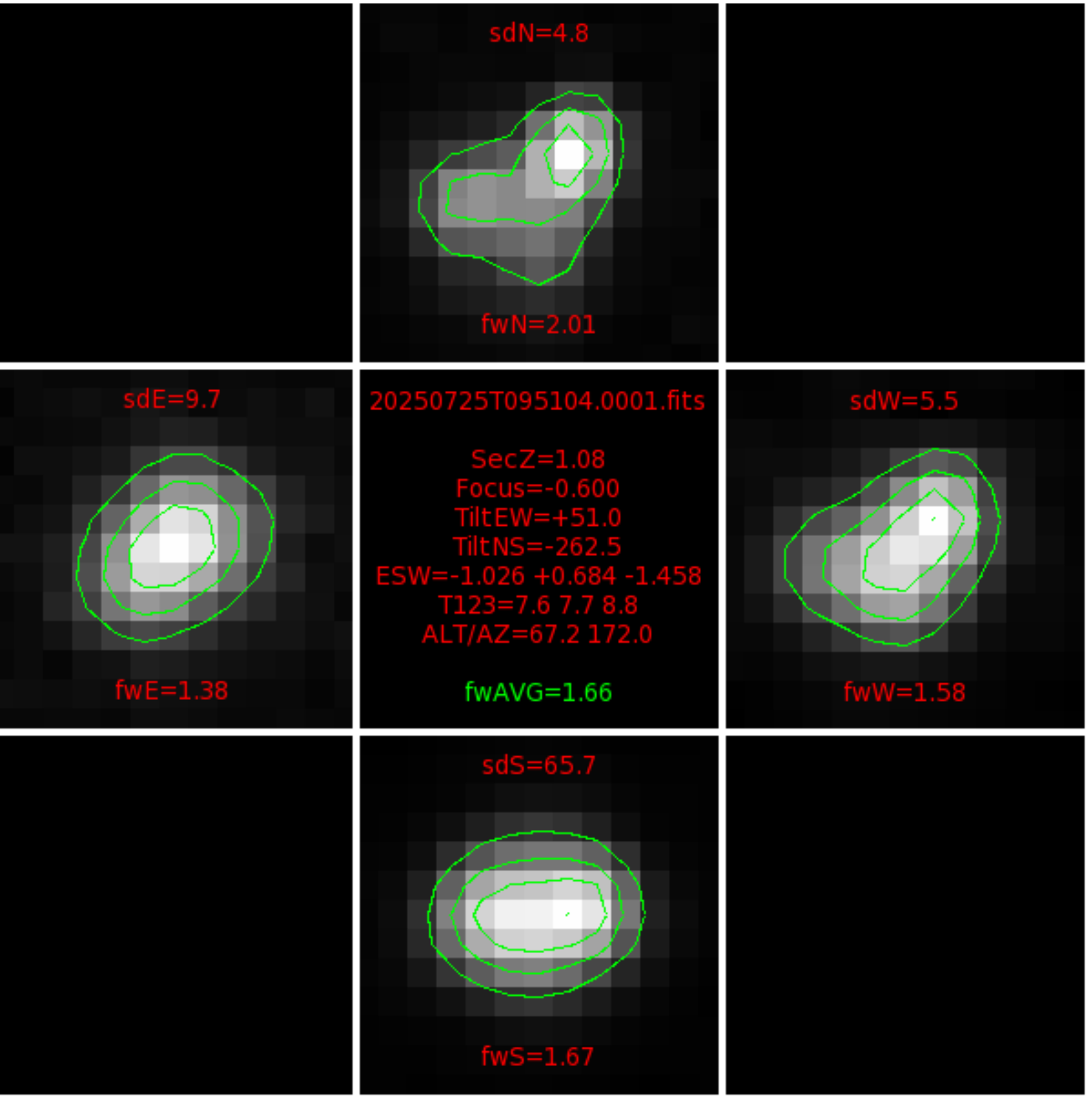
sdN=4.8
fwN=2.01
sdE=9.7
fwE=1.38
20250725T095104.0001.fits
SecZ=1.08
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.6 7.7 8.8
ALT/AZ=67.2 172.0
fwAVG=1.66
sdW=5.5
fwW=1.58
sdS=65.7
fwS=1.67
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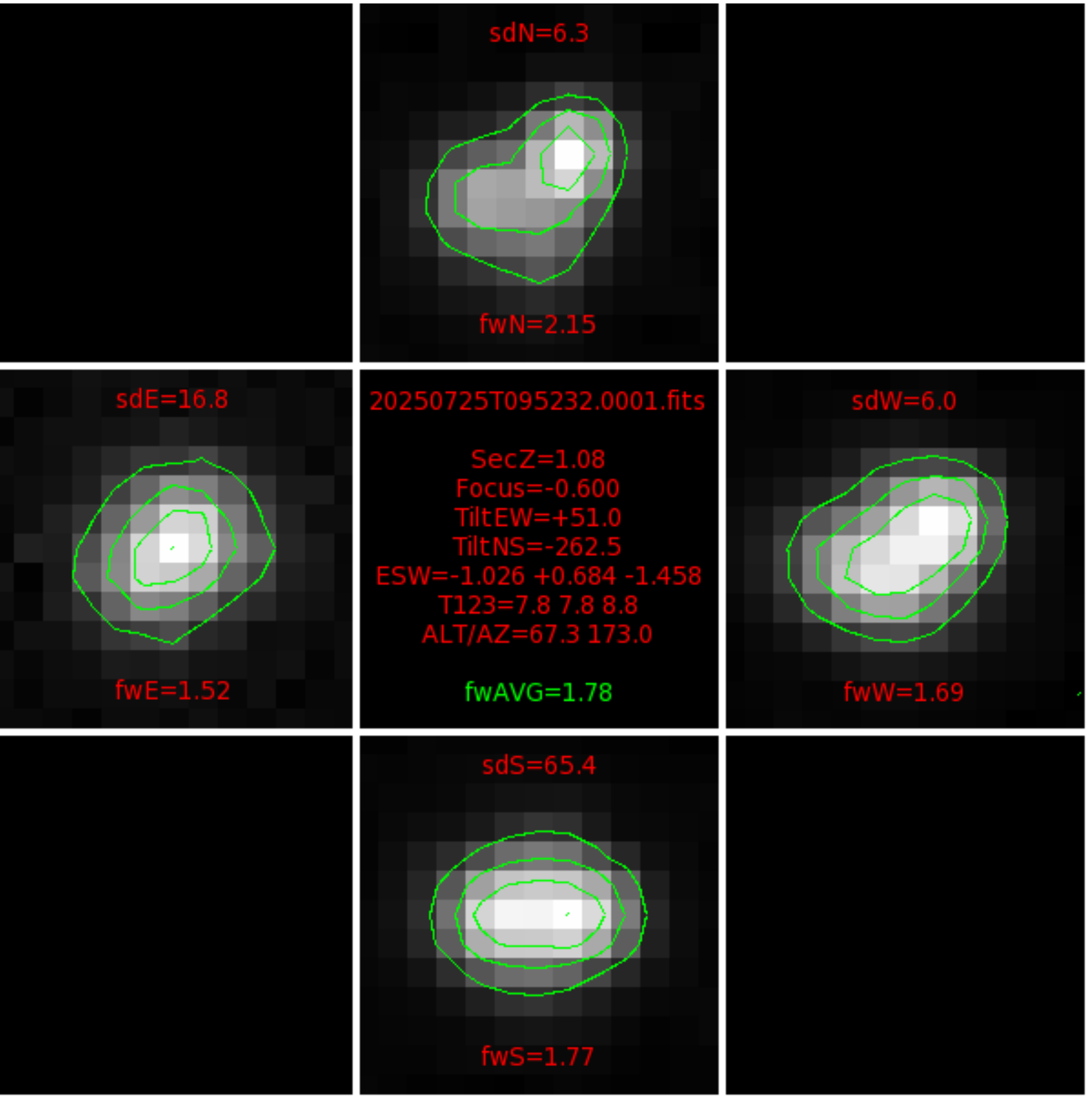
sdN=6.3
fwN=2.15
sdE=16.8
fwE=1.52
20250725T095232.0001.fits
SecZ=1.08
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.8 7.8 8.8
ALT/AZ=67.3 173.0
fwAVG=1.78
sdW=6.0
fwW=1.69
sdS=65.4
fwS=1.77
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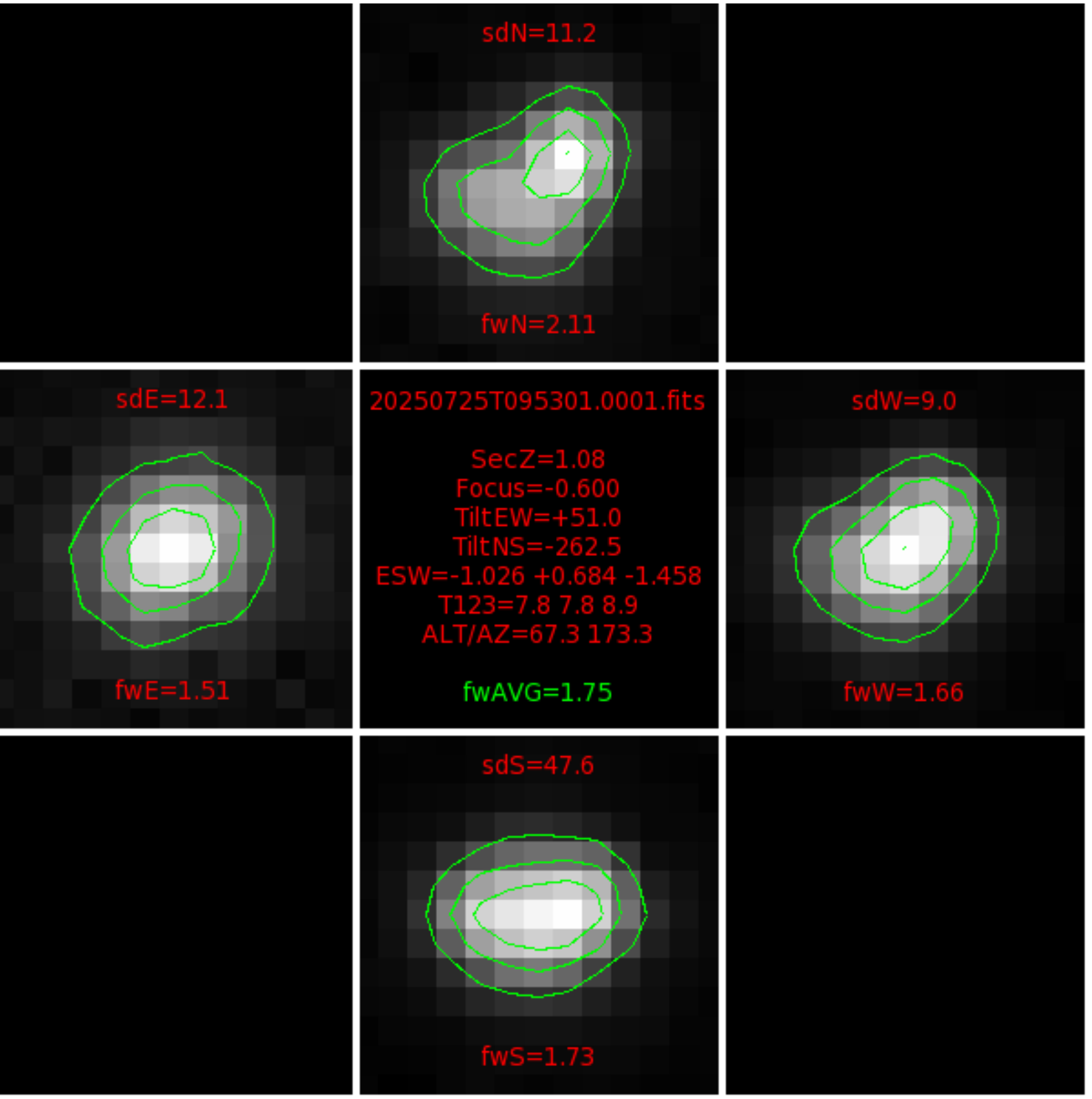
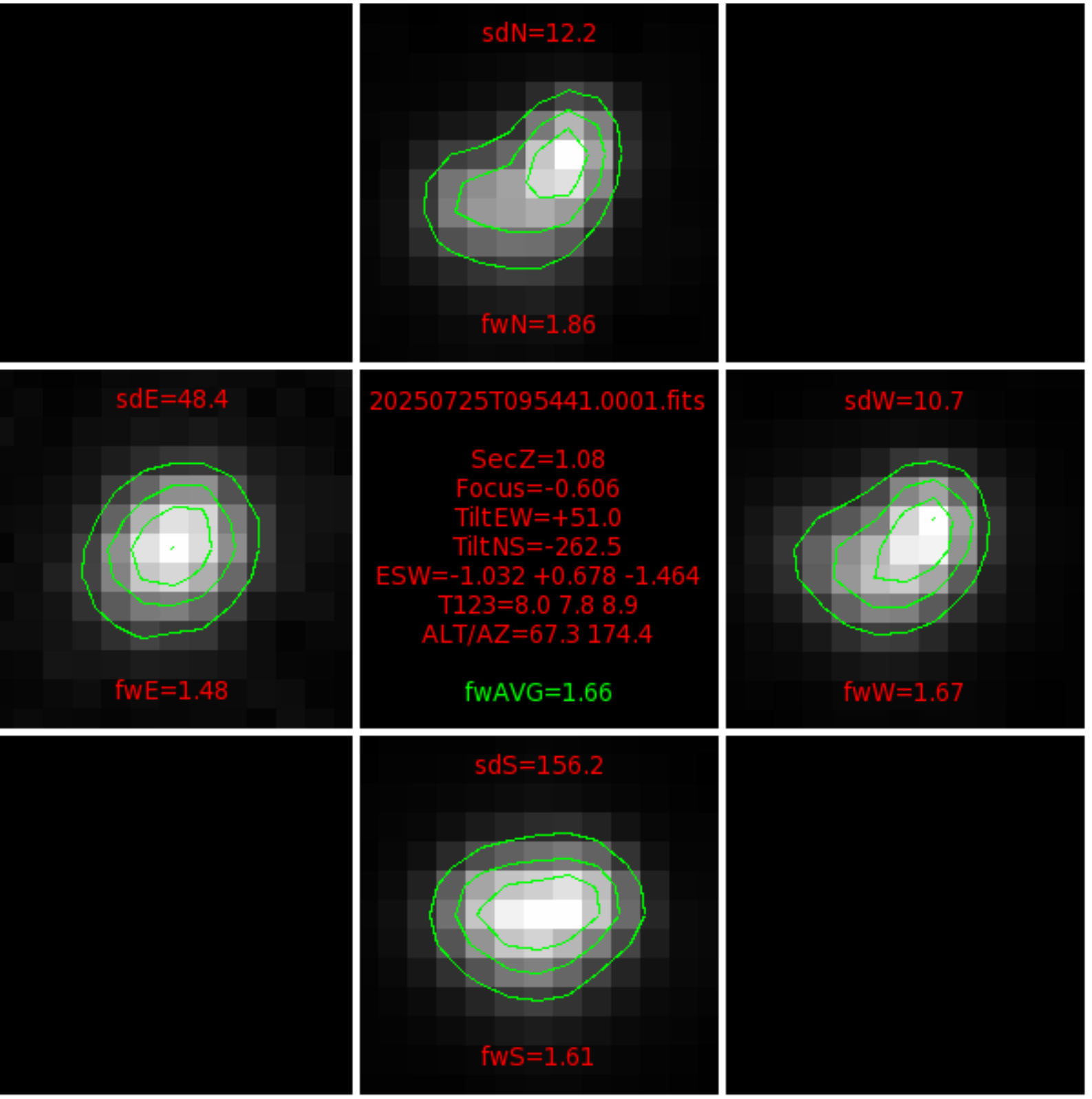

sdN=11.2
fwN=2.11
sdE=12.1
fwE=1.51
20250725T095301.0001.fits
SecZ=1.08
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.8 7.8 8.9
ALT/AZ=67.3 173.3
fwAVG=1.75
sdW=9.0
fwW=1.66
sdS=47.6
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=12.2
fwN=1.86
sdE=48.4
fwE=1.48
20250725T095441.0001.fits
SecZ=1.08
Focus=-0.606
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.032 +0.678 -1.464
T123=8.0 7.8 8.9
ALT/AZ=67.3 174.4
fwAVG=1.66
sdW=10.7
fwW=1.67
sdS=156.2
fwS=1.61
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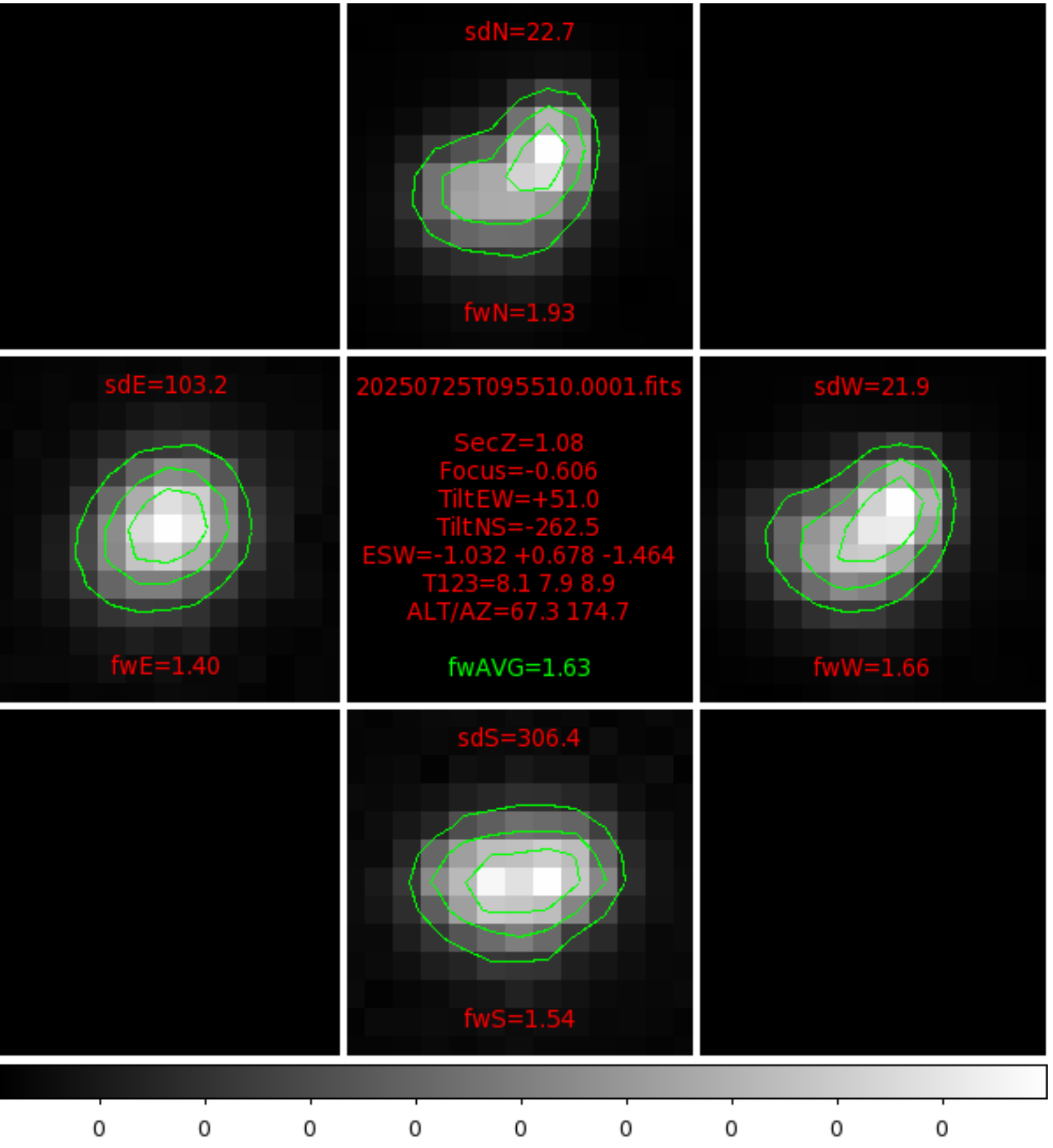
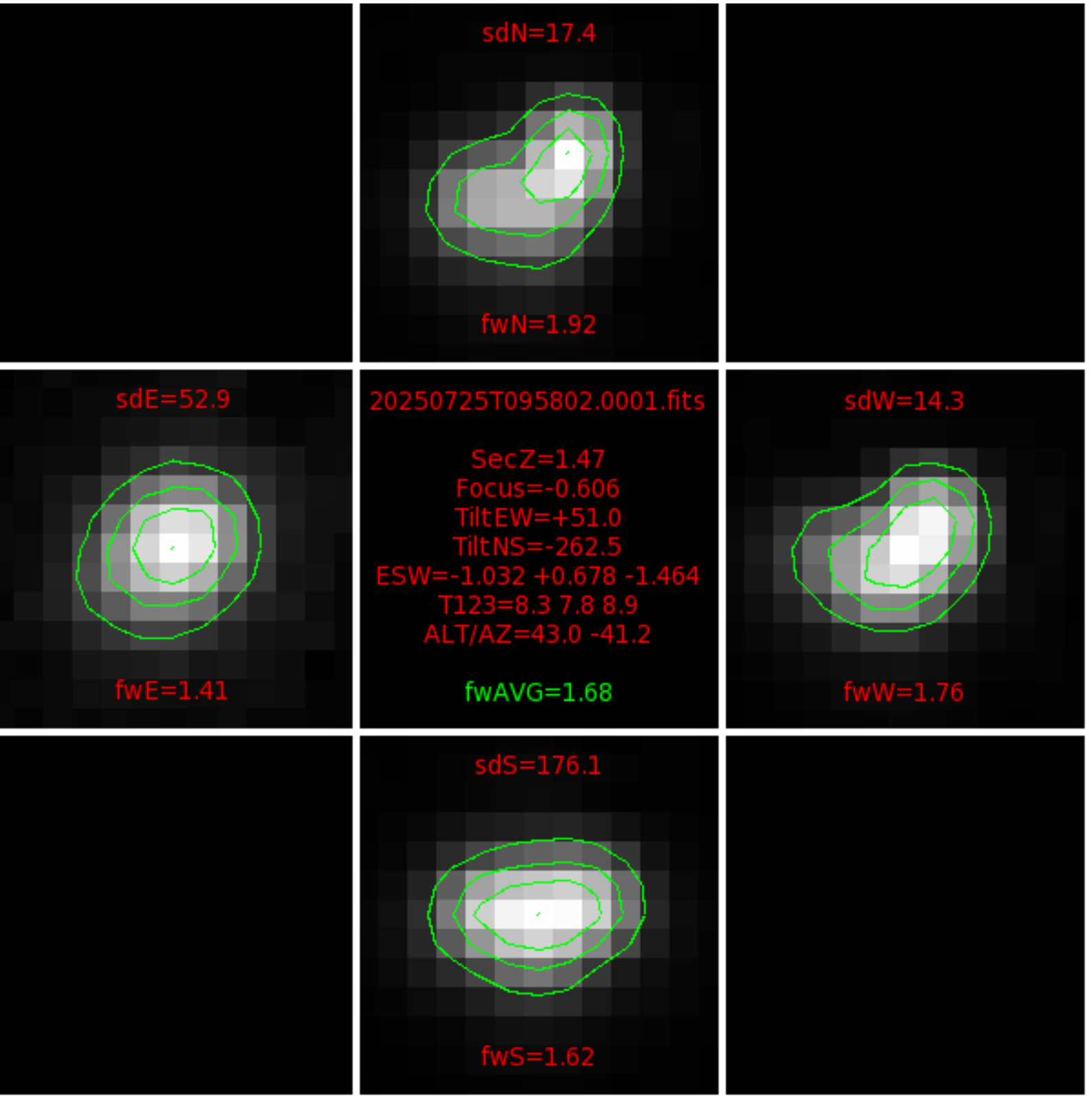
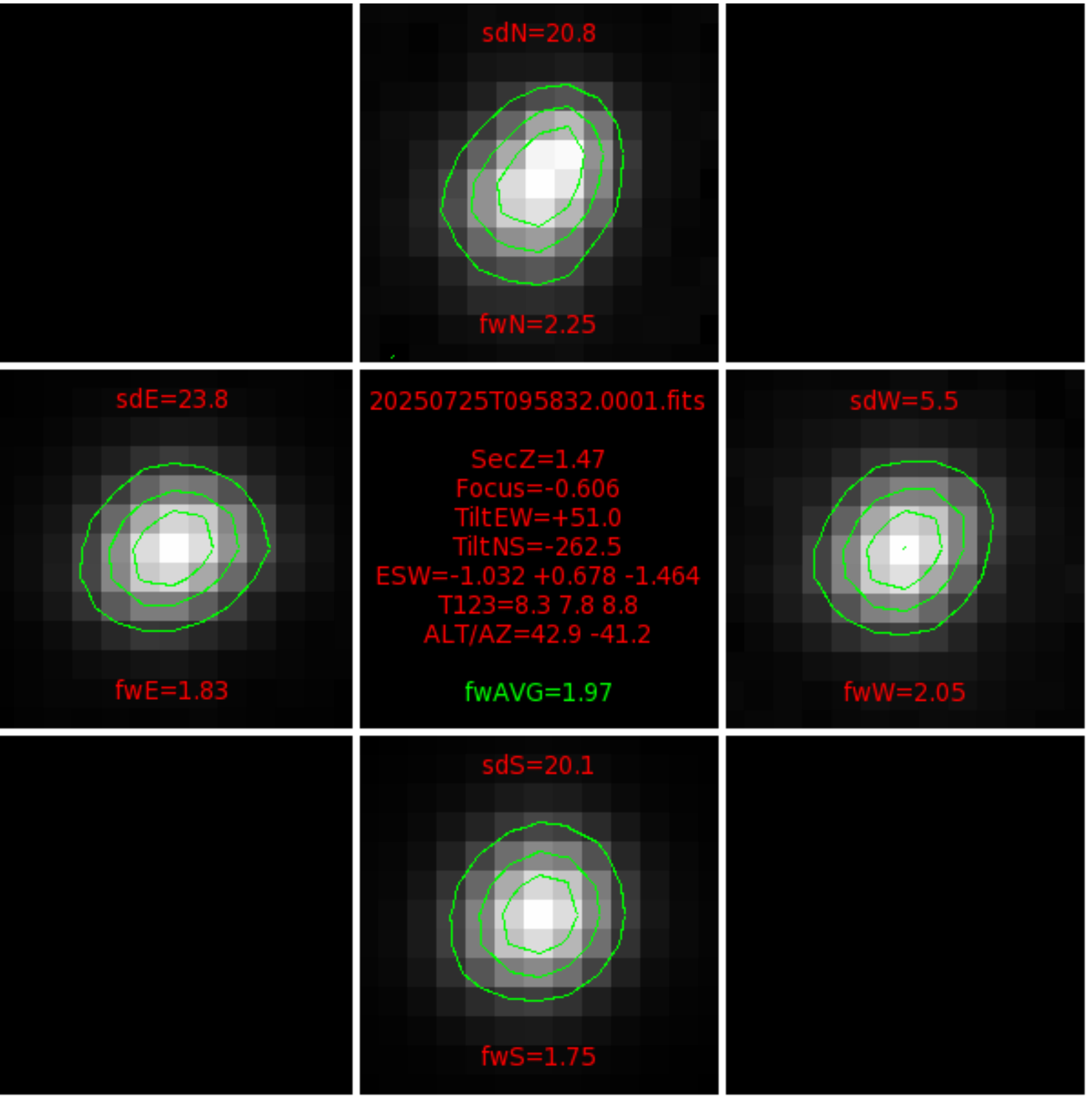
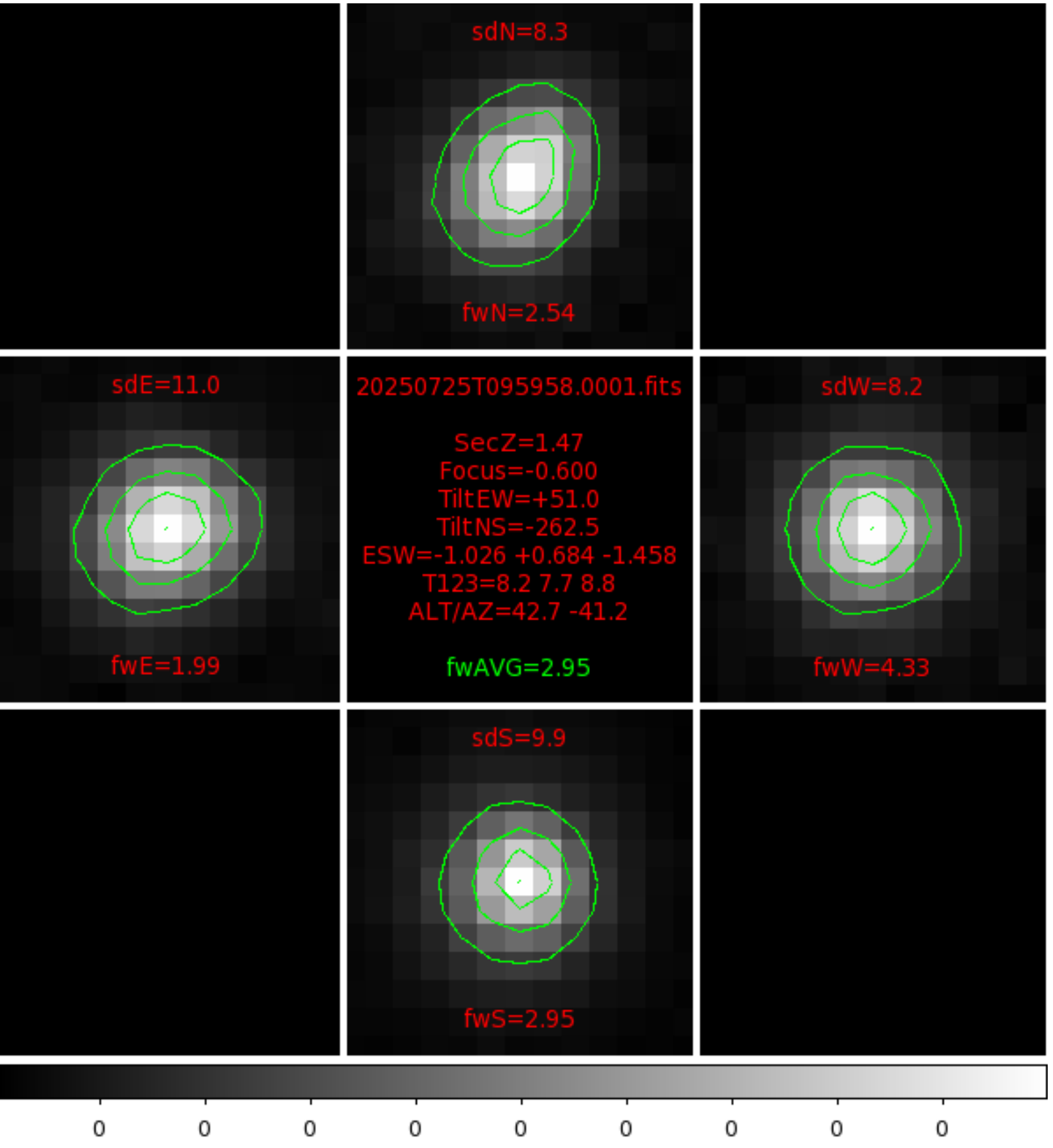
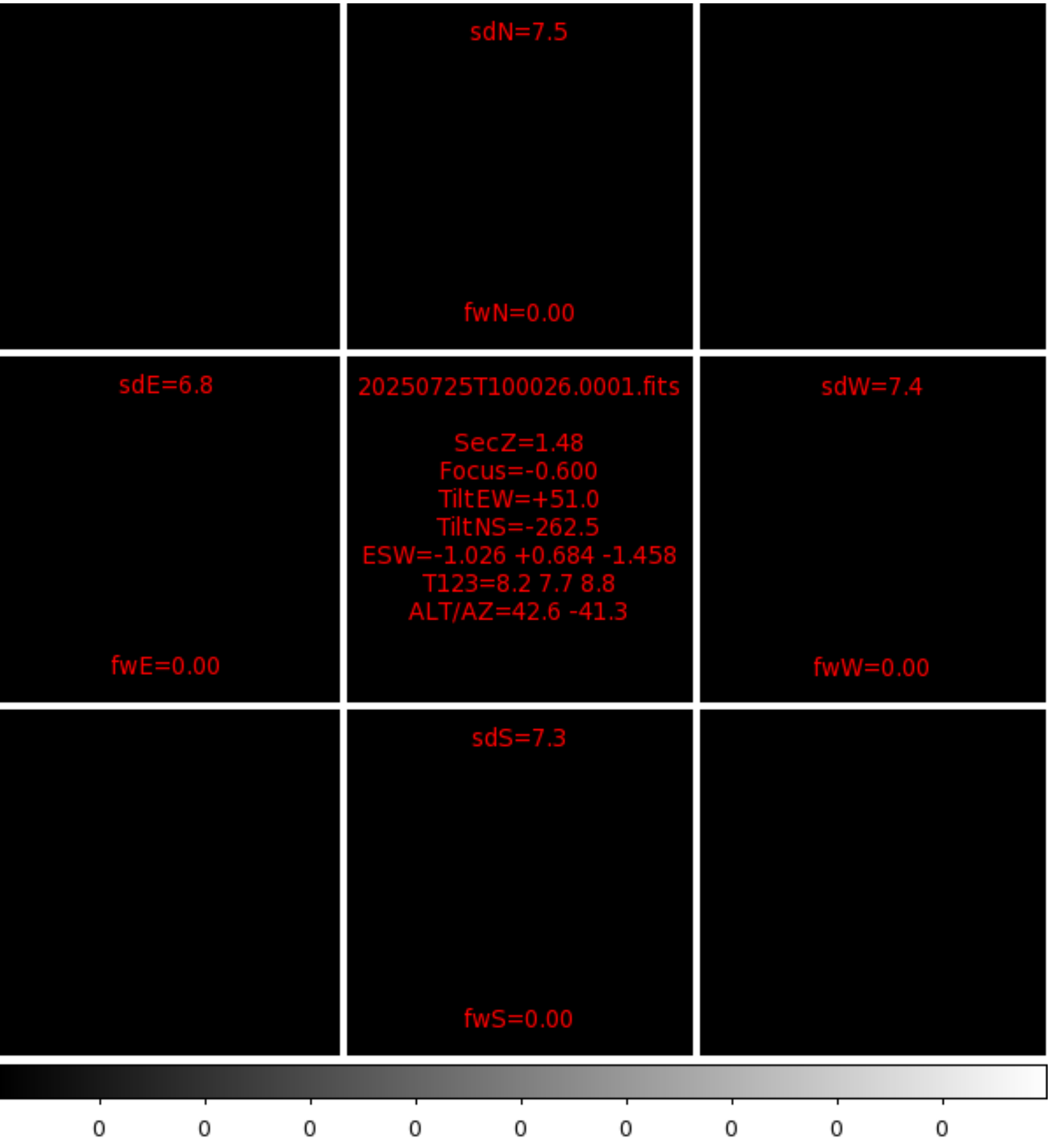
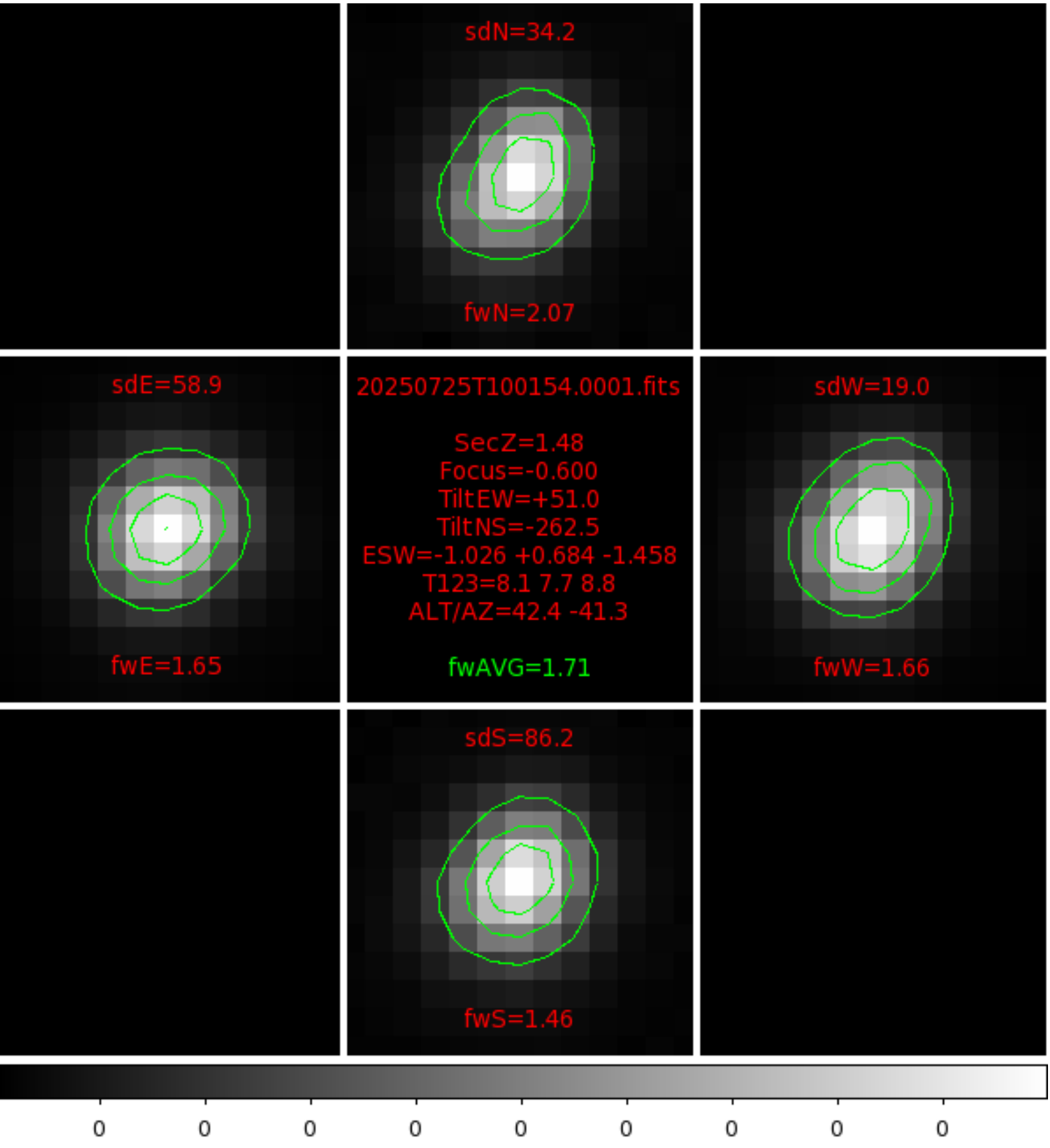

sdN=22.7
fwN=1.93
sdE=103.2
fwE=1.40
20250725T095510.0001.fits
SecZ=1.08
Focus=-0.606
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.032 +0.678 -1.464
T123=8.1 7.9 8.9
ALT/AZ=67.3 174.7
fwAVG=1.63
sdW=21.9
fwW=1.66
sdS=306.4
fwS=1.54
0 0 0 0 0 0 0 0 0

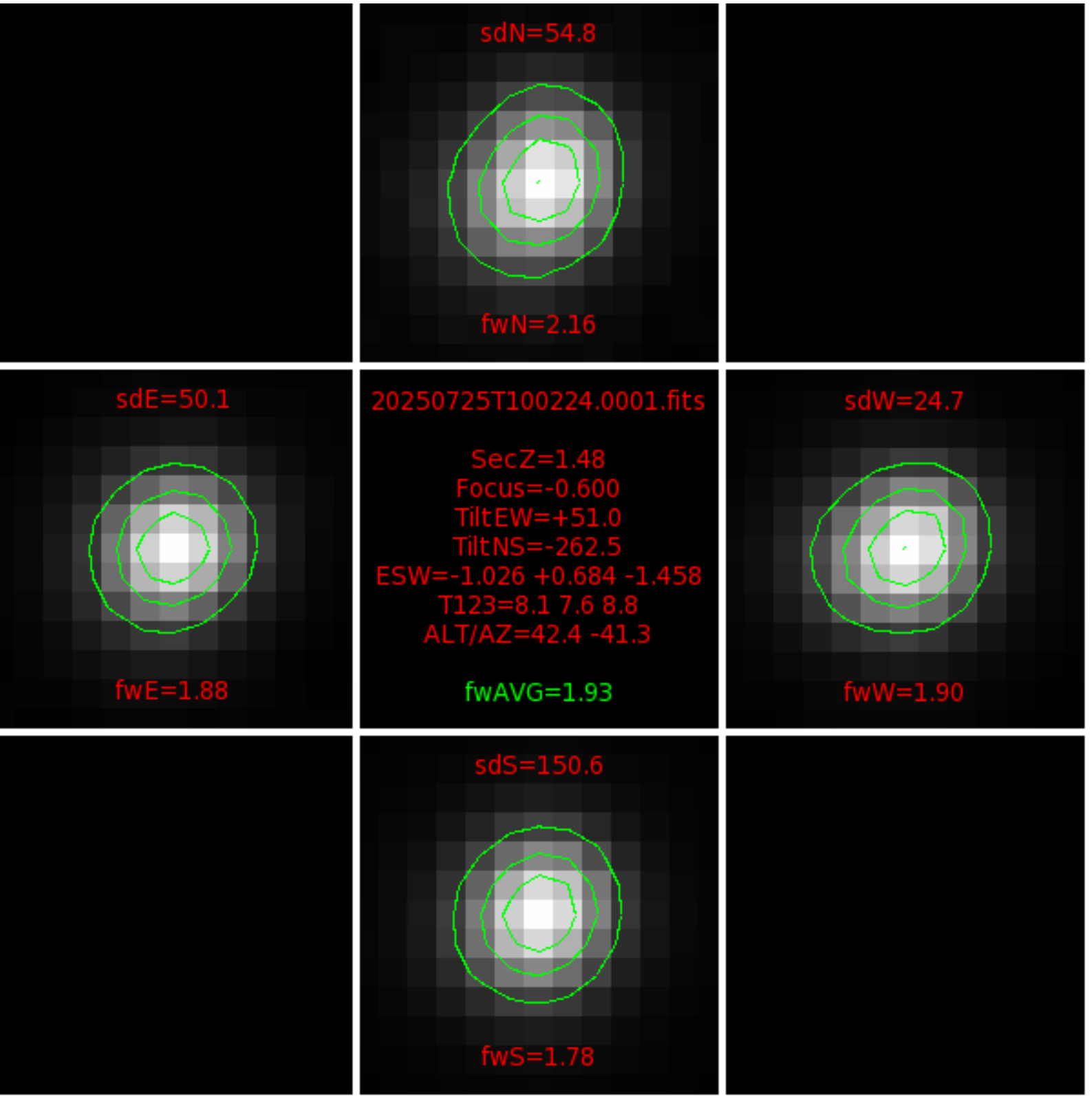

sdN=17.4
fwN=1.92
sdE=52.9
fwE=1.41
20250725T095802.0001.fits
SecZ=1.47
Focus=-0.606
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.032 +0.678 -1.464
T123=8.3 7.8 8.9
ALT/AZ=43.0 -41.2
fwAVG=1.68
sdW=14.3
fwW=1.76
sdS=176.1
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=20.8
fwN=2.25
sdE=23.8
fwE=1.83
20250725T095832.0001.fits
SecZ=1.47
Focus=-0.606
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.032 +0.678 -1.464
T123=8.3 7.8 8.8
ALT/AZ=42.9 -41.2
fwAVG=1.97
sdW=5.5
fwW=2.05
sdS=20.1
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=8.3
fwN=2.54
sdE=11.0
fwE=1.99
20250725T095958.0001.fits
SecZ=1.47
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=8.2 7.7 8.8
ALT/AZ=42.7 -41.2
fwAVG=2.95
sdW=8.2
fwW=4.33
sdS=9.9
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=7.5
fwN=0.00
sdE=6.8
20250725T100026.0001.fits
SecZ=1.48
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=8.2 7.7 8.8
ALT/AZ=42.6 -41.3
sdW=7.4
fwE=0.00
fwW=0.00
sdS=7.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=34.2
fwN=2.07
sdE=58.9
fwE=1.65
20250725T100154.0001.fits
SecZ=1.48
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=8.1 7.7 8.8
ALT/AZ=42.4 -41.3
fwAVG=1.71
sdW=19.0
fwW=1.66
sdS=86.2
fwS=1.46
0 0 0 0 0 0 0 0 0


sdN=54.8
fwN=2.16
sdE=50.1
fwE=1.88
20250725T100224.0001.fits
SecZ=1.48
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=8.1 7.6 8.8
ALT/AZ=42.4 -41.3
fwAVG=1.93
sdW=24.7
fwW=1.90
sdS=150.6
fwS=1.78
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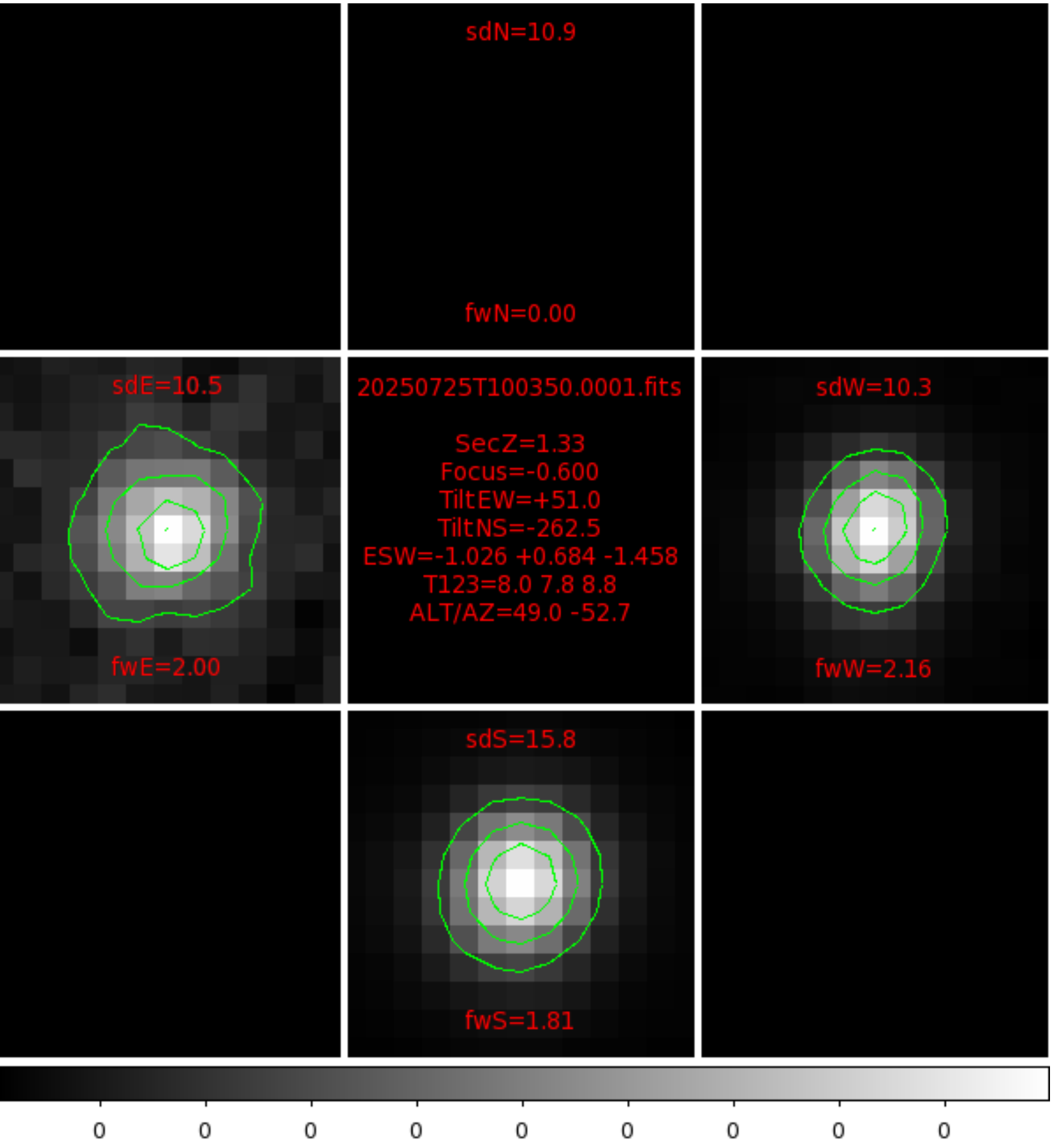
sdN=10.9
fwN=0.00
sdE=10.5
fwE=2.00
20250725T100350.0001.fits
SecZ=1.33
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=8.0 7.8 8.8
ALT/AZ=49.0 -52.7
sdW=10.3
fwW=2.16
sdS=15.8
fwS=1.81
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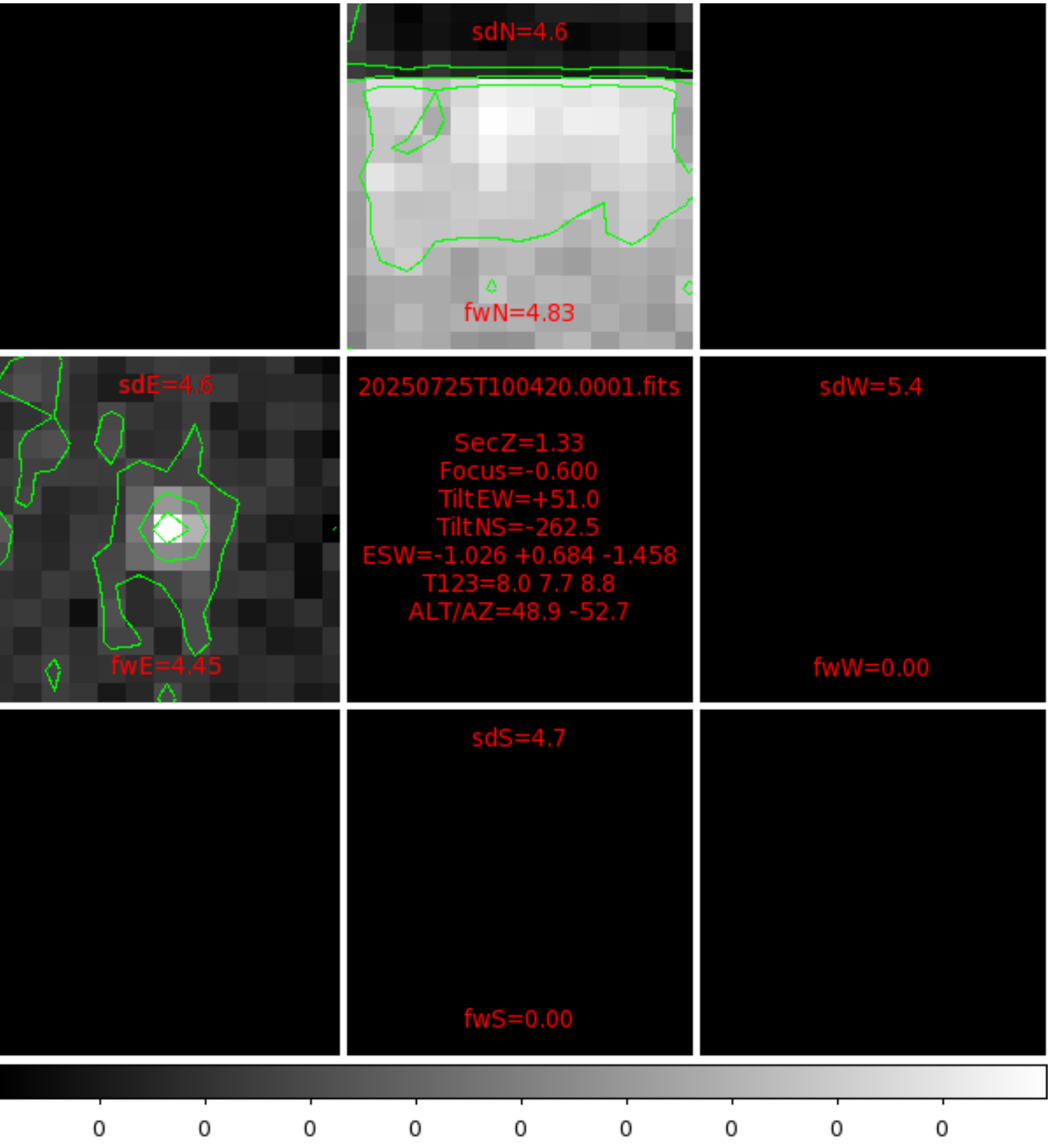
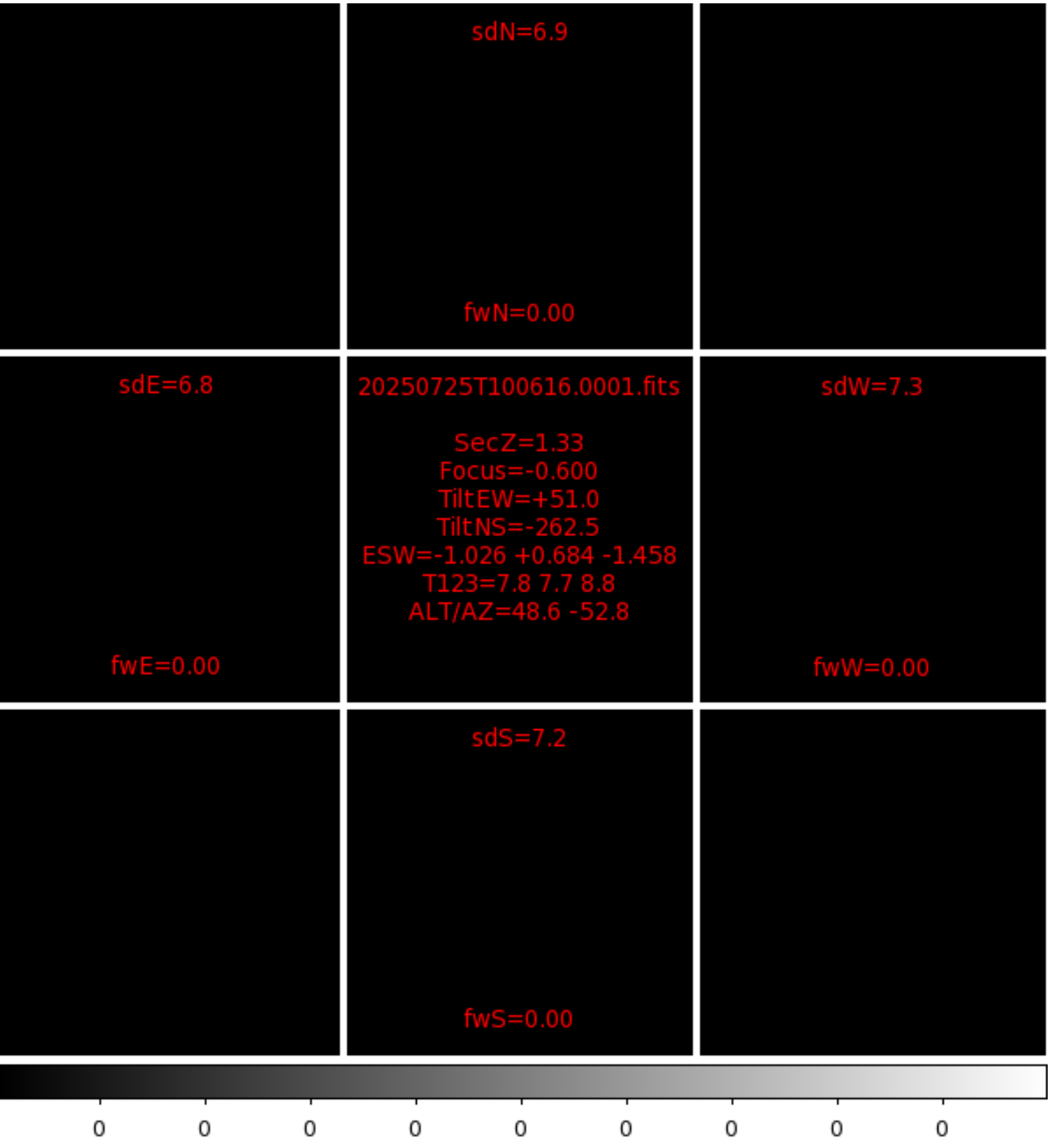
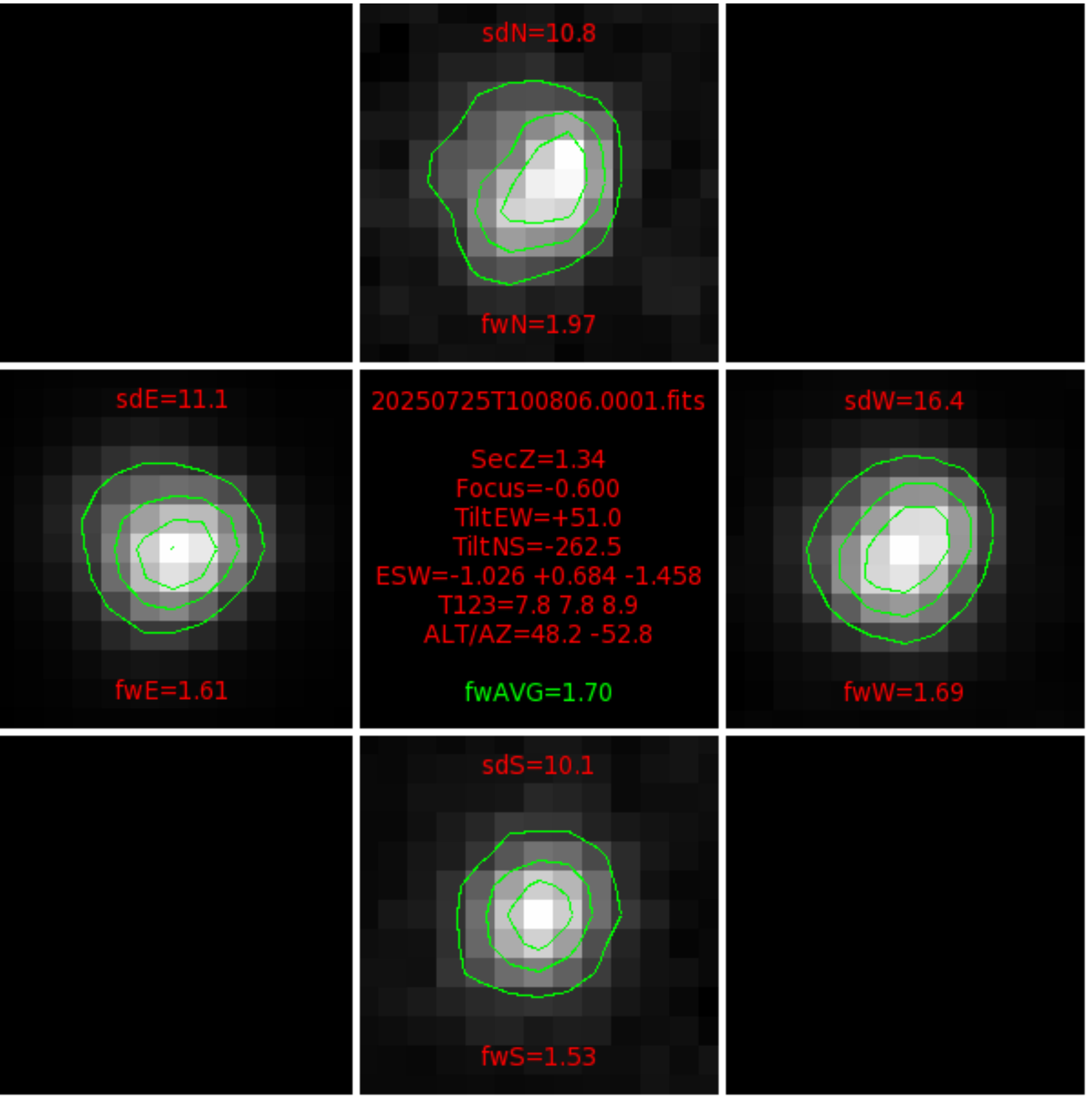

sdN=4.6
fwN=4.83
sdE=4.6
fwE=4.45
20250725T100420.0001.fits
SecZ=1.33
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=8.0 7.7 8.8
ALT/AZ=48.9 -52.7
sdW=5.4
fwW=0.00
sdS=4.7
fwS=0.00
0 0 0 0 0 0 0 0 0

sdN=10.0
fwN=0.00
sdE=9.7
20250725T100548.0001.fits
SecZ=1.33
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.8 7.8 8.8
ALT/AZ=48.6 -52.8
sdW=6.2
fwE=0.00
fwW=0.00
sdS=6.3
fwS=3.83
0 0 0 0 0 0 0 0 0


sdN=6.9
fwN=0.00
sdE=6.8
20250725T100616.0001.fits
SecZ=1.33
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.8 7.7 8.8
ALT/AZ=48.6 -52.8
sdW=7.3
fwE=0.00
fwW=0.00
sdS=7.2
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=10.8
fwN=1.97
sdE=11.1
fwE=1.61
20250725T100806.0001.fits
SecZ=1.34
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.8 7.8 8.9
ALT/AZ=48.2 -52.8
fwAVG=1.70
sdW=16.4
fwW=1.69
sdS=10.1
fwS=1.53
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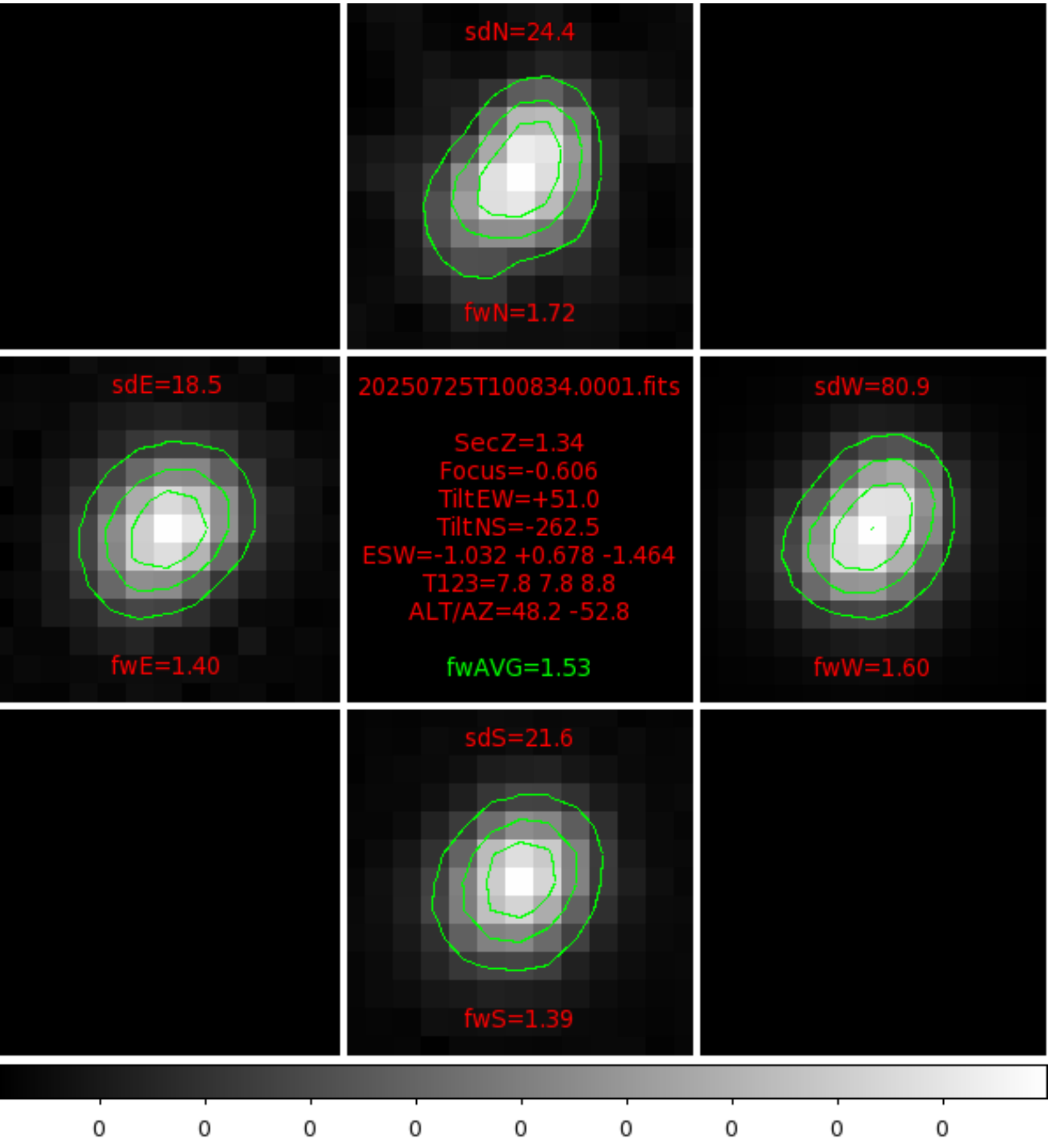
sdN=24.4
fwN=1.72
sdE=18.5
fwE=1.40
20250725T100834.0001.fits
SecZ=1.34
Focus=-0.606
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.032 +0.678 -1.464
T123=7.8 7.8 8.8
ALT/AZ=48.2 -52.8
fwAVG=1.53
sdW=80.9
fwW=1.60
sdS=21.6
fwS=1.39
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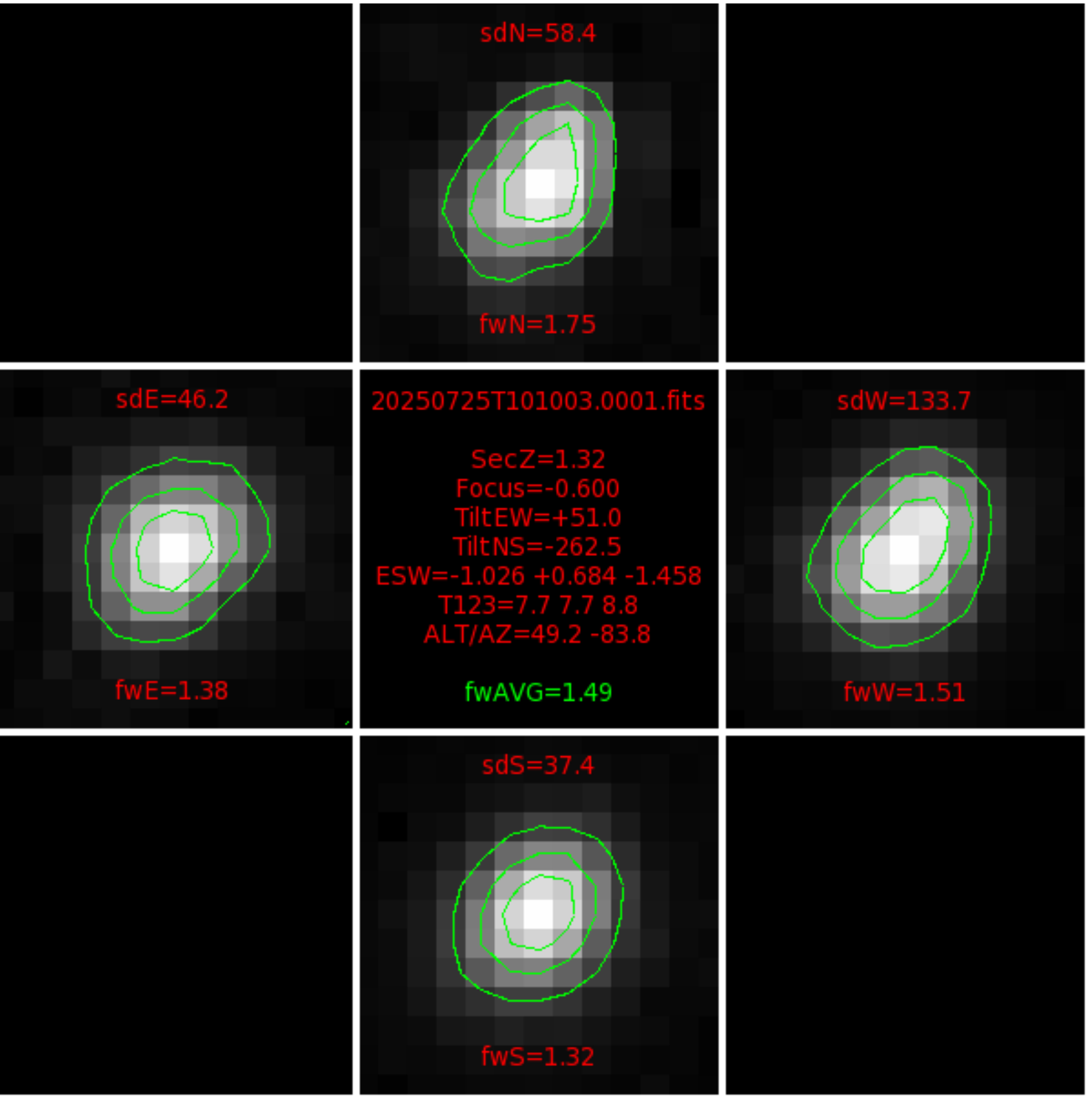
sdN=58.4
fwN=1.75
sdE=46.2
fwE=1.38
20250725T101003.0001.fits
SecZ=1.32
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.7 7.7 8.8
ALT/AZ=49.2 -83.8
fwAVG=1.49
sdW=133.7
fwW=1.51
sdS=37.4
fwS=1.32
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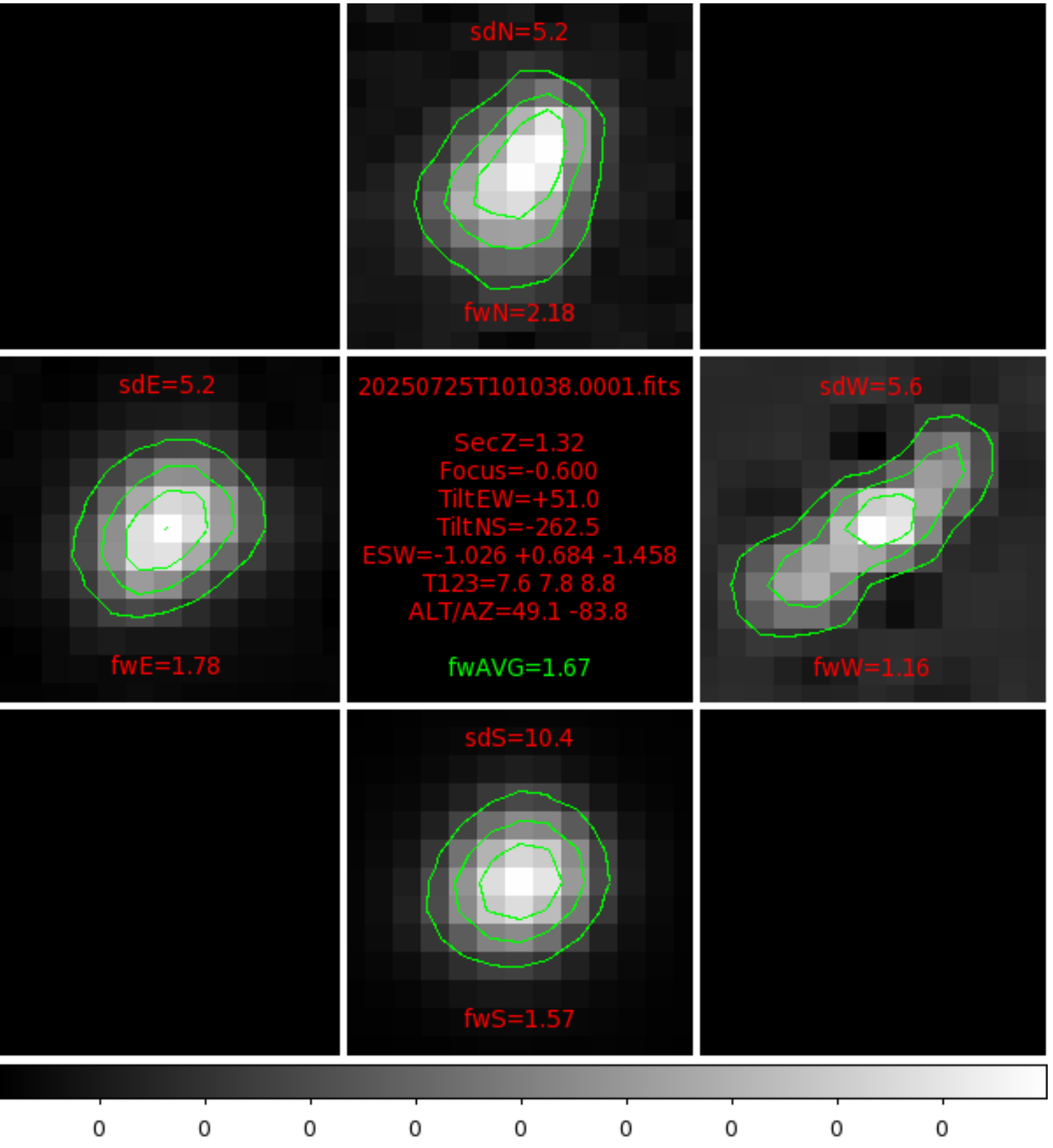
sdN=5.2
fwN=2.18
sdE=5.2
fwE=1.78
20250725T101038.0001.fits
SecZ=1.32
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.6 7.8 8.8
ALT/AZ=49.1 -83.8
fwAVG=1.67
sdW=5.6
fwW=1.16
sdS=10.4
fwS=1.57
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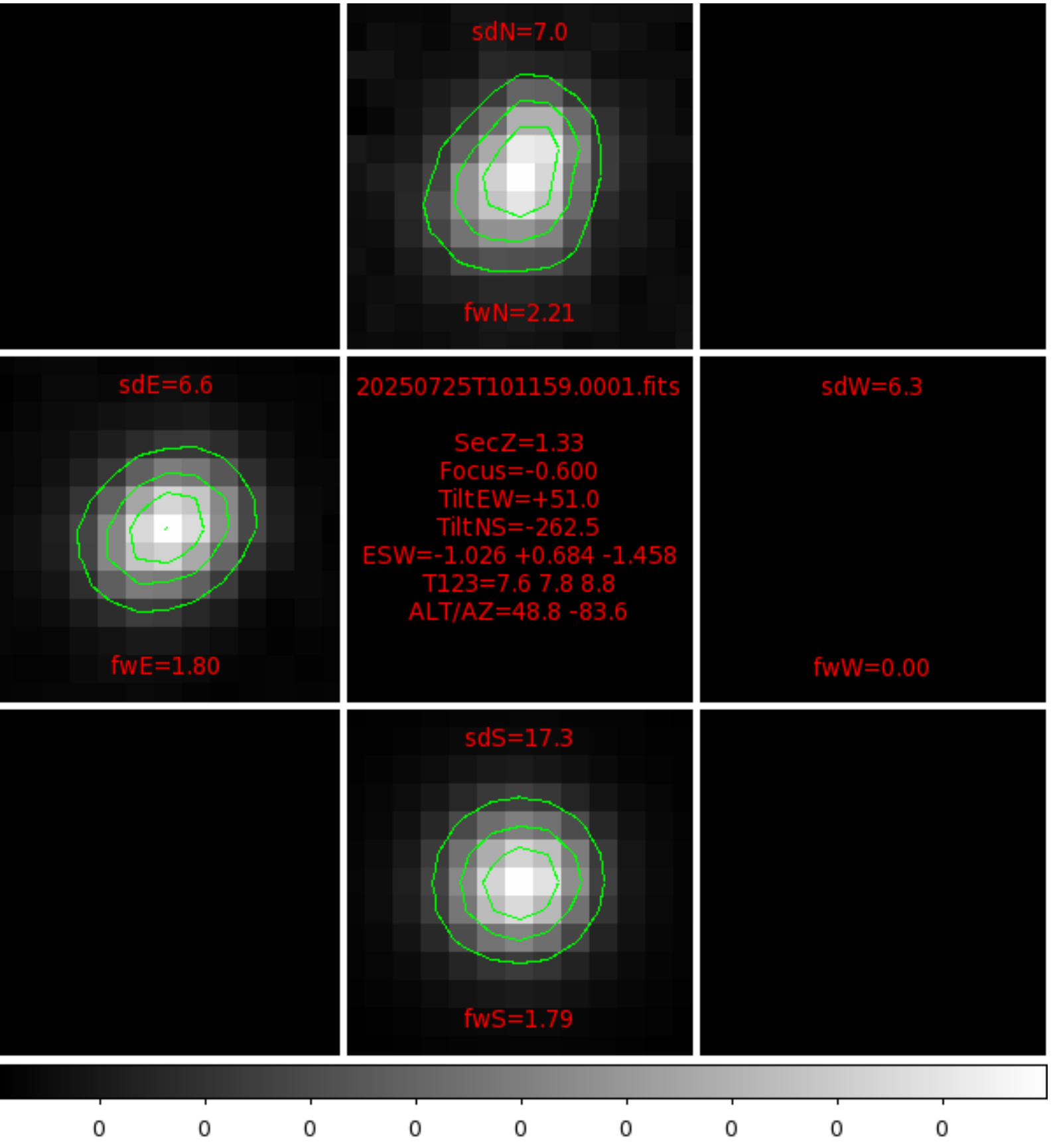
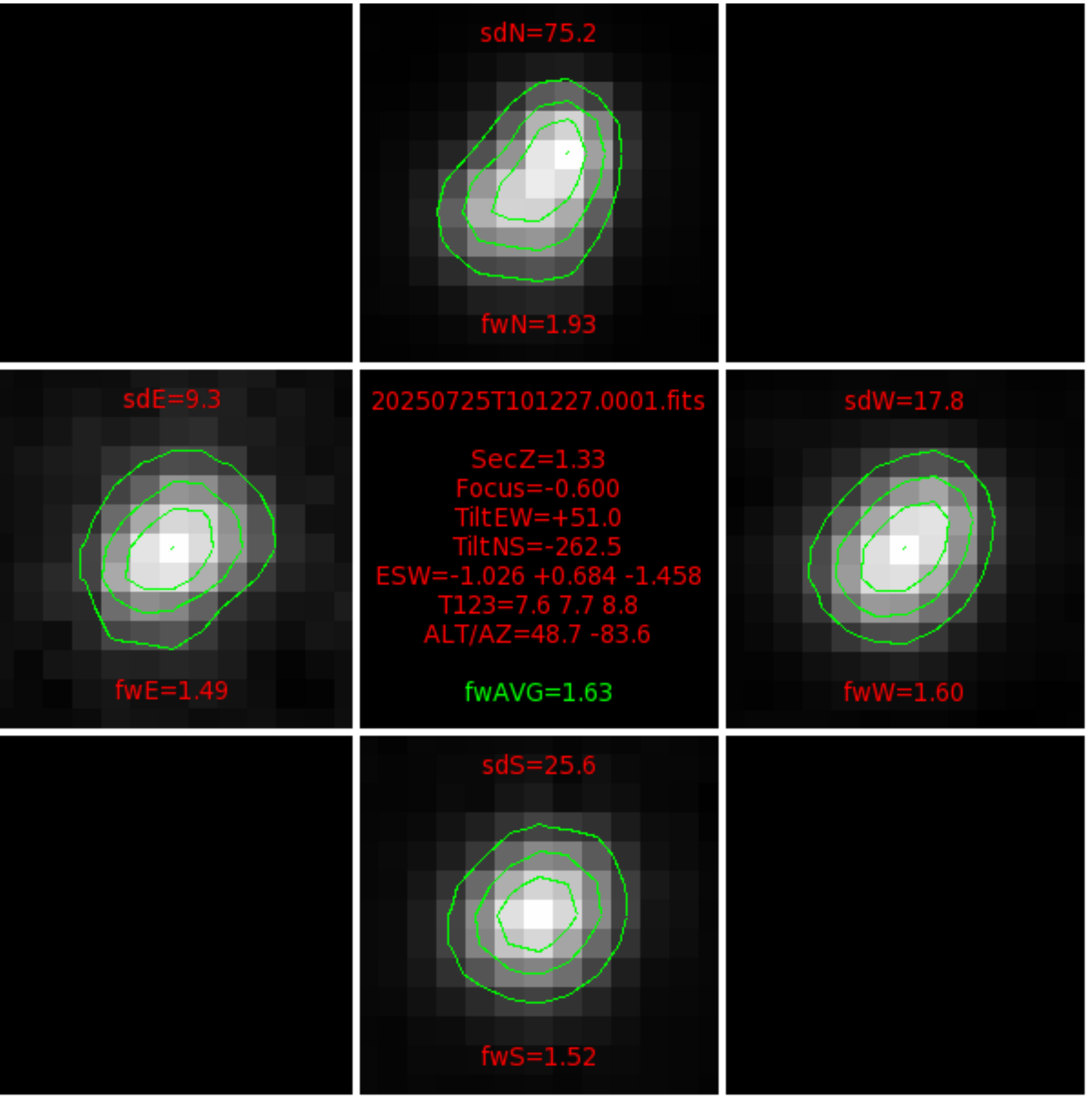

sdN=7.0
fwN=2.21
sdE=6.6
fwE=1.80
20250725T101159.0001.fits
SecZ=1.33
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.6 7.8 8.8
ALT/AZ=48.8 -83.6
sdW=6.3
fwW=0.00
sdS=17.3
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=75.2
fwN=1.93
sdE=9.3
fwE=1.49
20250725T101227.0001.fits
SecZ=1.33
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.6 7.7 8.8
ALT/AZ=48.7 -83.6
fwAVG=1.63
sdW=17.8
fwW=1.60
sdS=25.6
fwS=1.52
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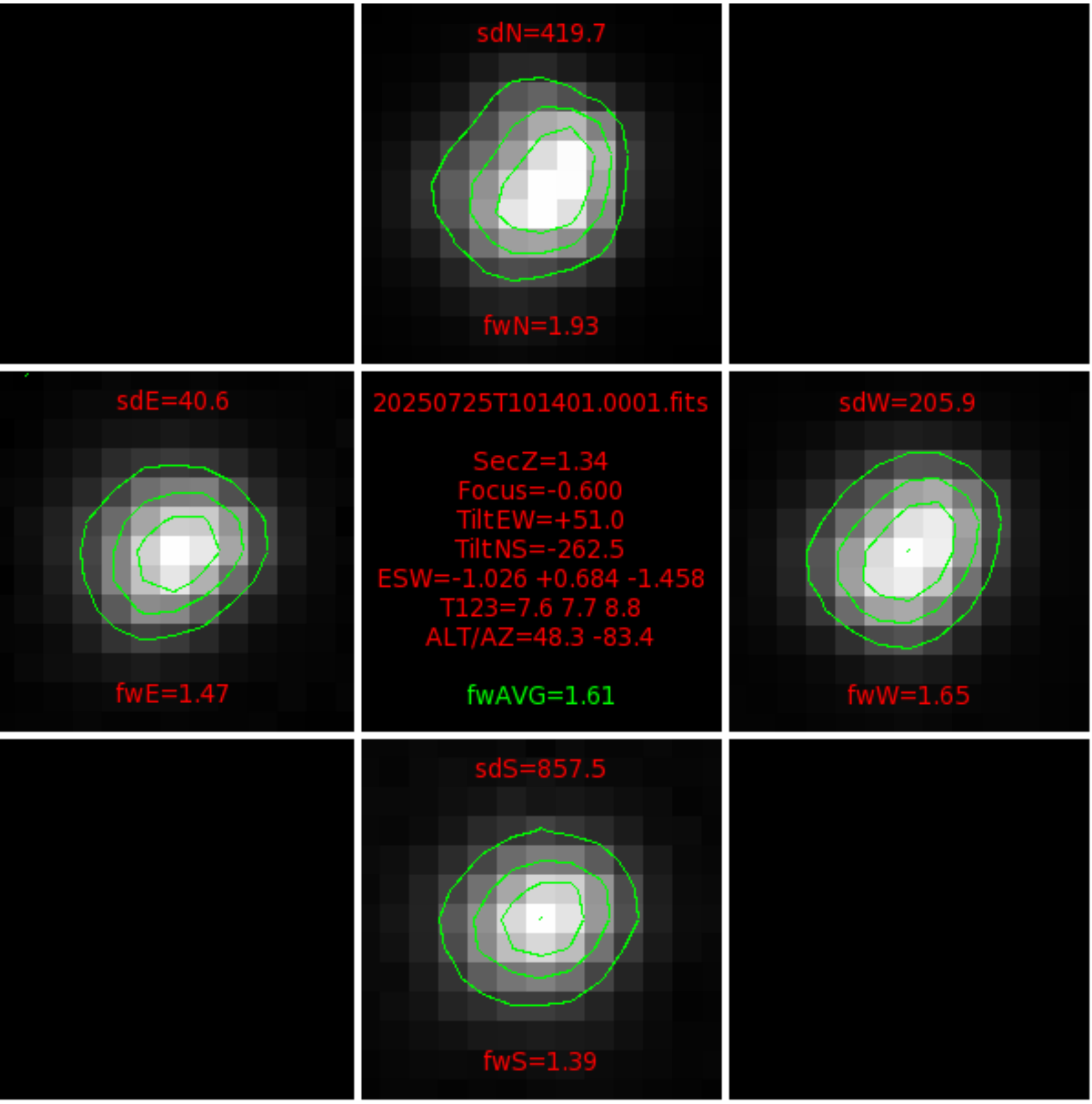
sdN=419.7
fwN=1.93
sdE=40.6
fwE=1.47
20250725T101401.0001.fits
SecZ=1.34
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.6 7.7 8.8
ALT/AZ=48.3 -83.4
fwAVG=1.61
sdW=205.9
fwW=1.65
sdS=857.5
fwS=1.39
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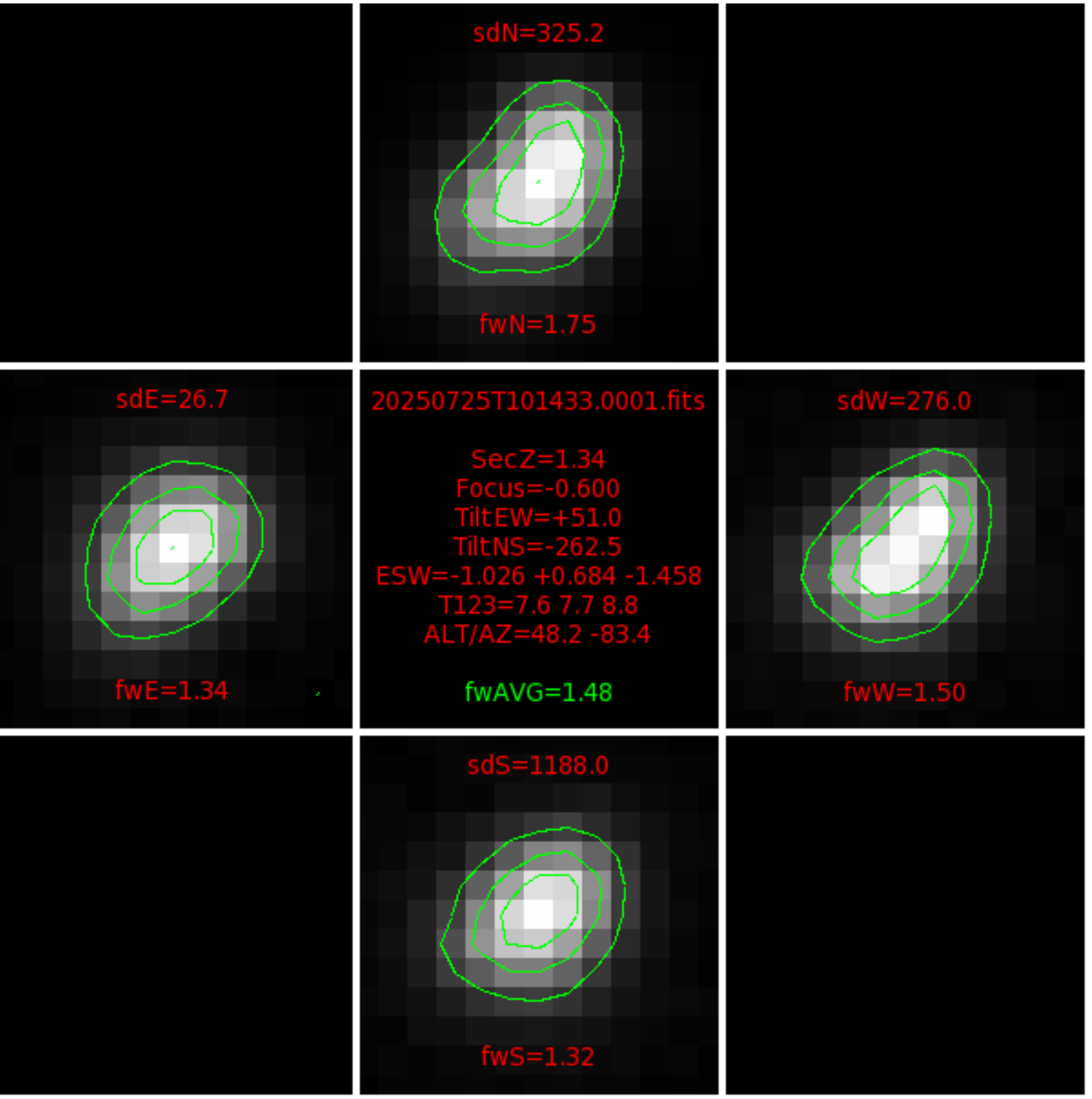
sdN=325.2
fwN=1.75
sdE=26.7
fwE=1.34
20250725T101433.0001.fits
SecZ=1.34
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.6 7.7 8.8
ALT/AZ=48.2 -83.4
fwAVG=1.48
sdW=276.0
fwW=1.50
sdS=1188.0
fwS=1.32
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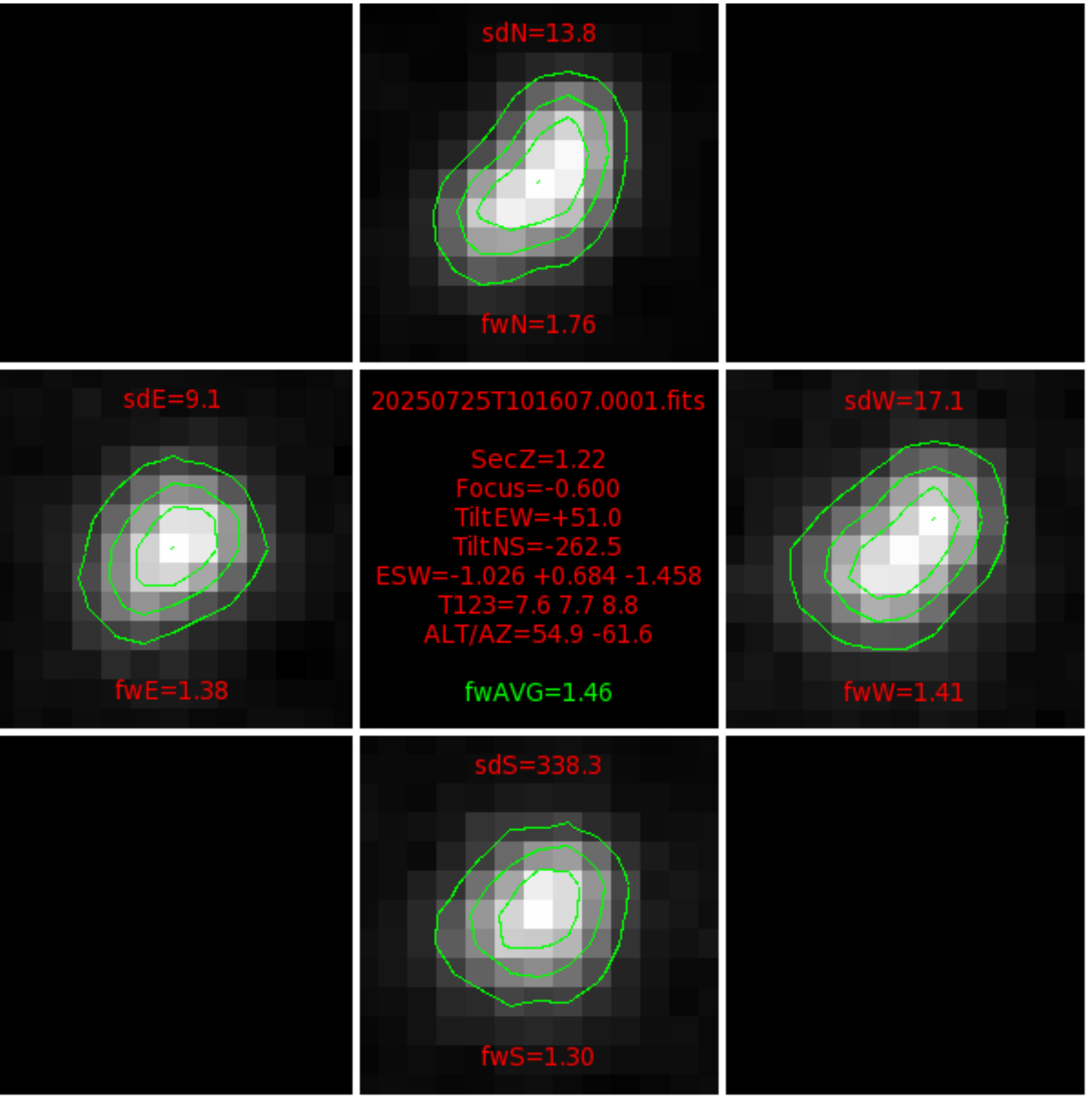
sdN=13.8
fwN=1.76
sdE=9.1
fwE=1.38
20250725T101607.0001.fits
SecZ=1.22
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.6 7.7 8.8
ALT/AZ=54.9 -61.6
fwAVG=1.46
sdW=17.1
fwW=1.41
sdS=338.3
fwS=1.30
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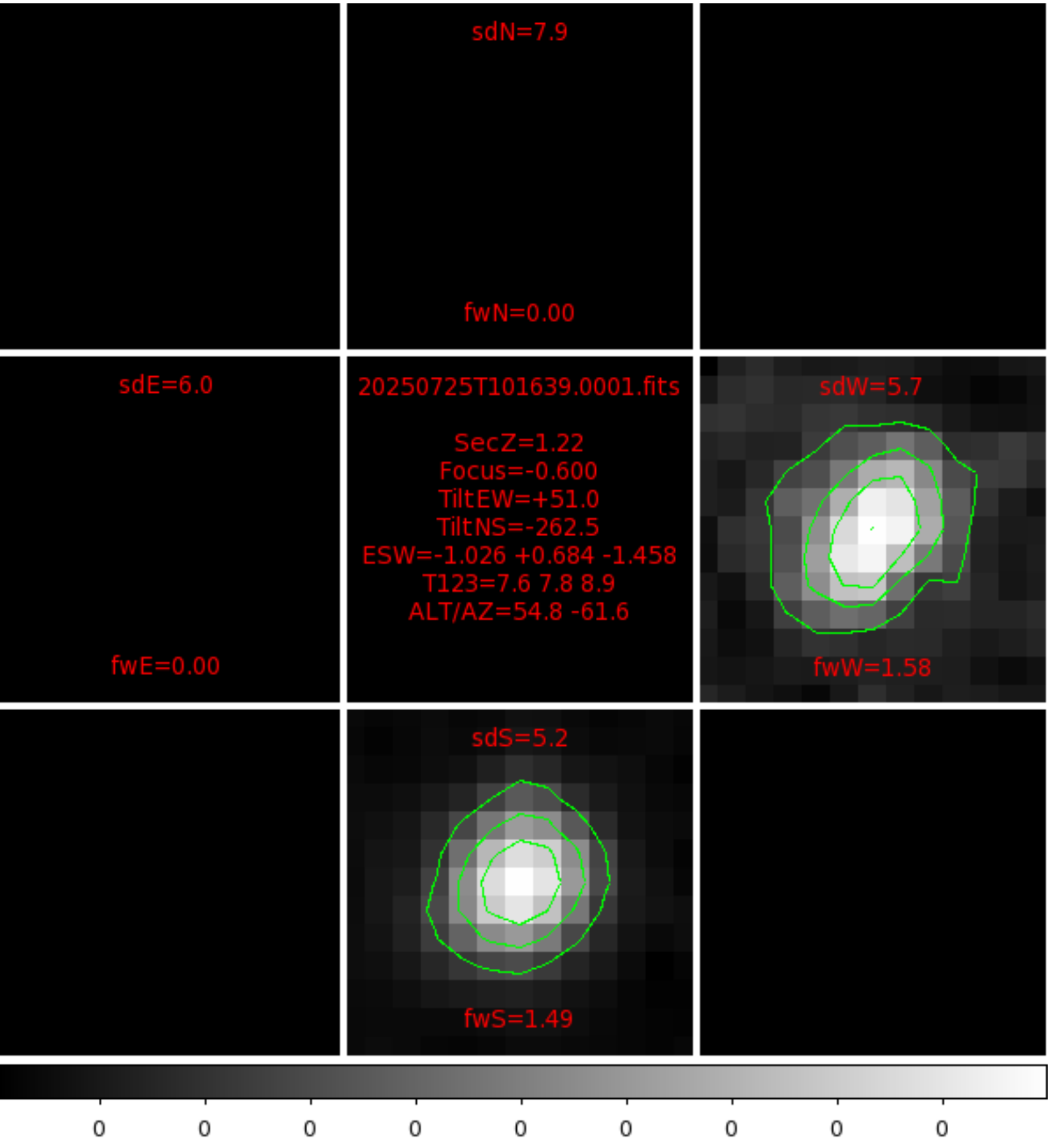
sdN=7.9
fwN=0.00
sdE=6.0
fwE=0.00
20250725T101639.0001.fits
SecZ=1.22
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.6 7.8 8.9
ALT/AZ=54.8 -61.6
sdW=5.7
fwW=1.58
sdS=5.2
fwS=1.49
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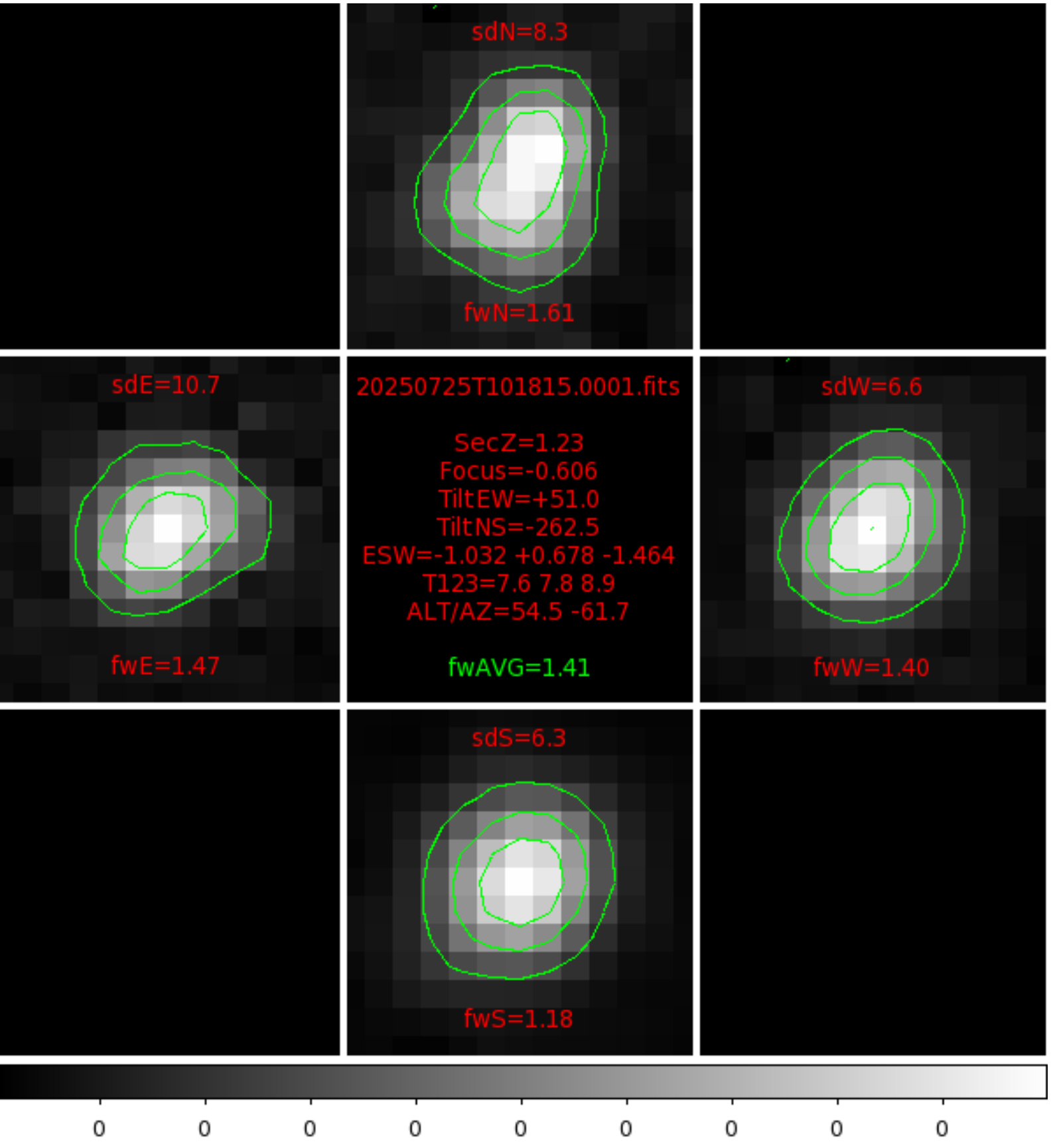
sdN=8.3
fwN=1.61
sdE=10.7
fwE=1.47
20250725T101815.0001.fits
SecZ=1.23
Focus=-0.606
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.032 +0.678 -1.464
T123=7.6 7.8 8.9
ALT/AZ=54.5 -61.7
fwAVG=1.41
sdW=6.6
fwW=1.40
sdS=6.3
fwS=1.18
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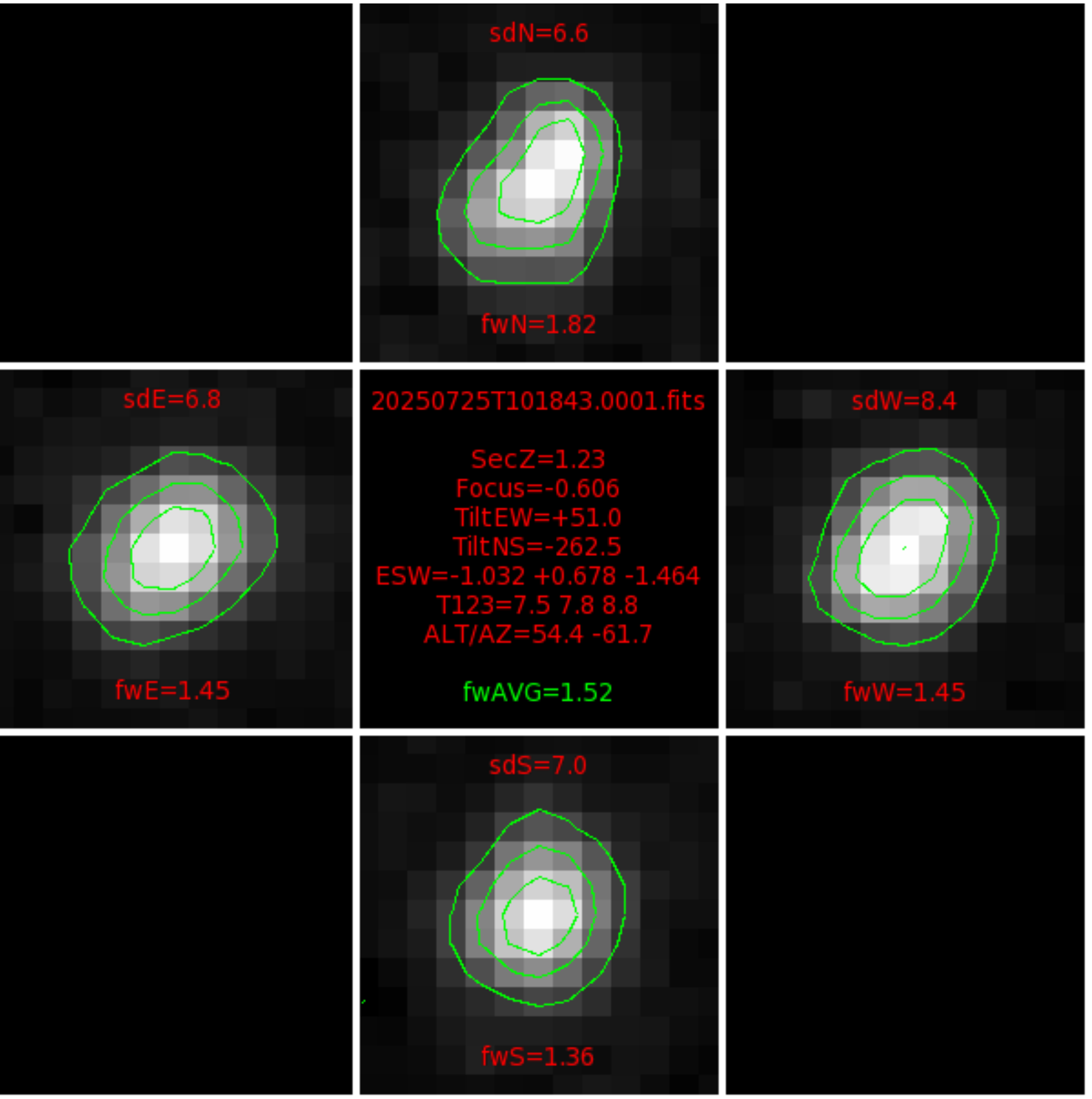
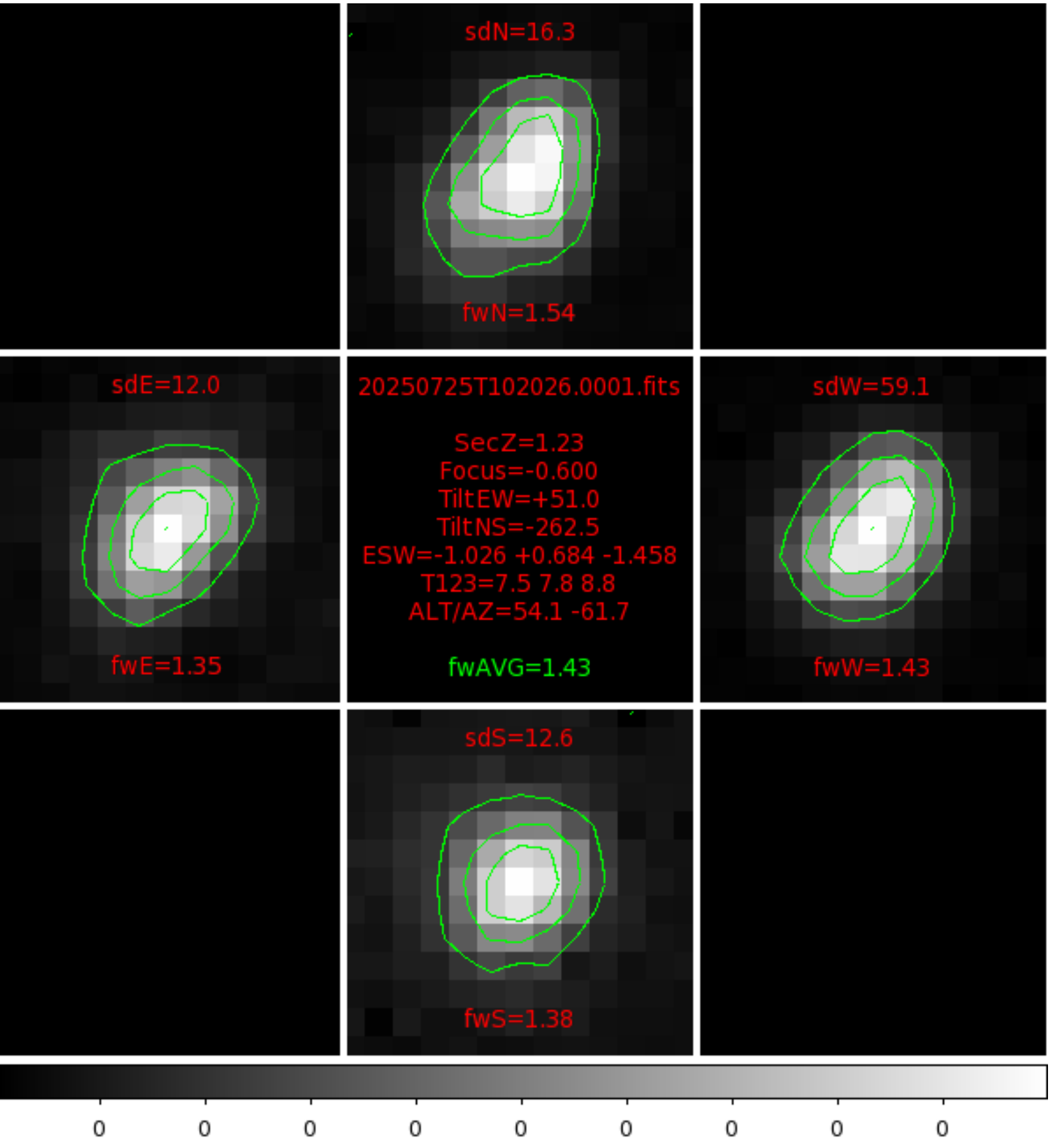

sdN=6.6
fwN=1.82
sdE=6.8
fwE=1.45
20250725T101843.0001.fits
SecZ=1.23
Focus=-0.606
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.032 +0.678 -1.464
T123=7.5 7.8 8.8
ALT/AZ=54.4 -61.7
fwAVG=1.52
sdW=8.4
fwW=1.45
sdS=7.0
fwS=1.36
0 0 0 0 0 0 0 0 0


sdN=16.3
fwN=1.54
sdE=12.0
fwE=1.35
20250725T102026.0001.fits
SecZ=1.23
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.5 7.8 8.8
ALT/AZ=54.1 -61.7
fwAVG=1.43
sdW=59.1
fwW=1.43
sdS=12.6
fwS=1.38
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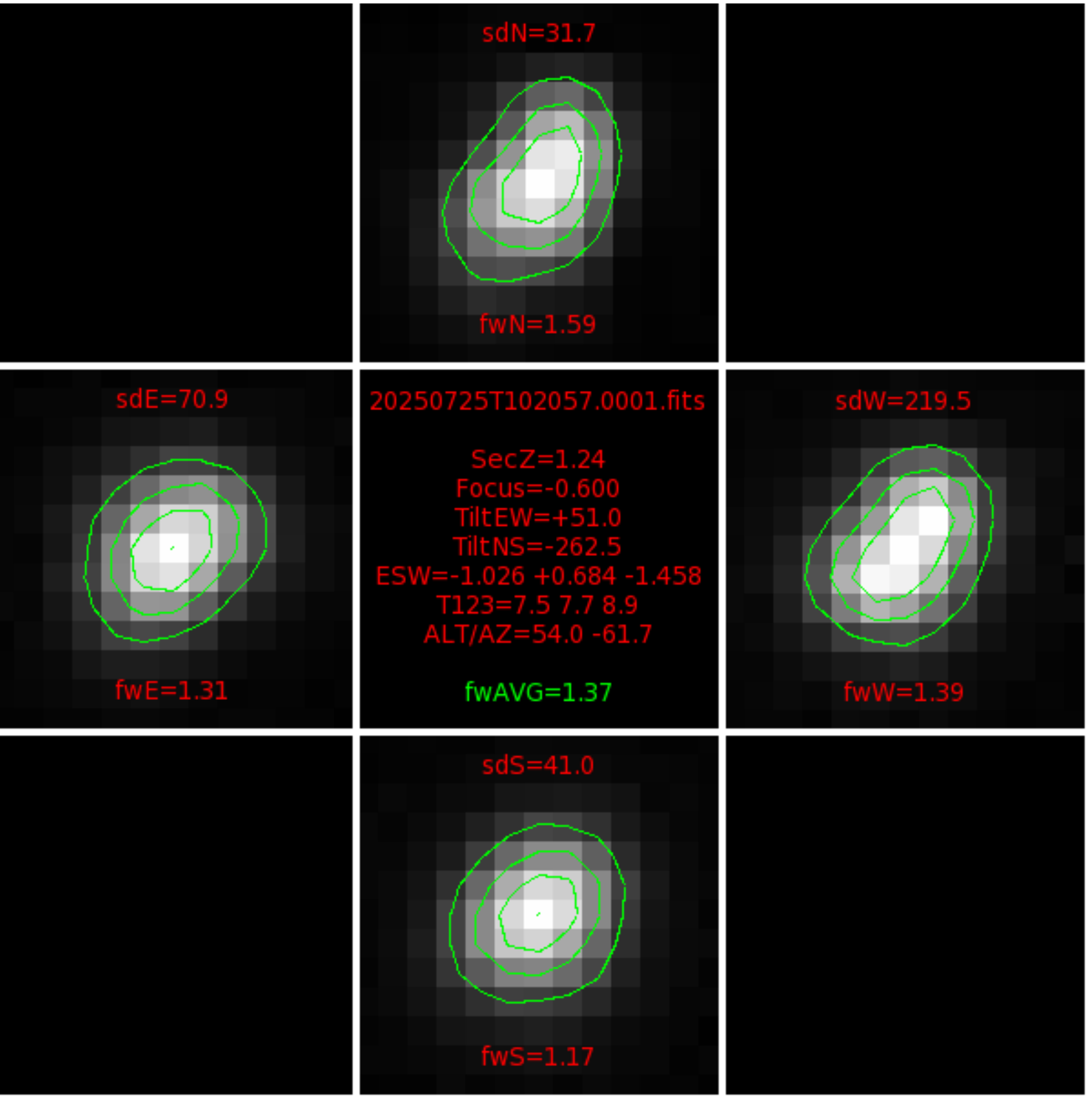
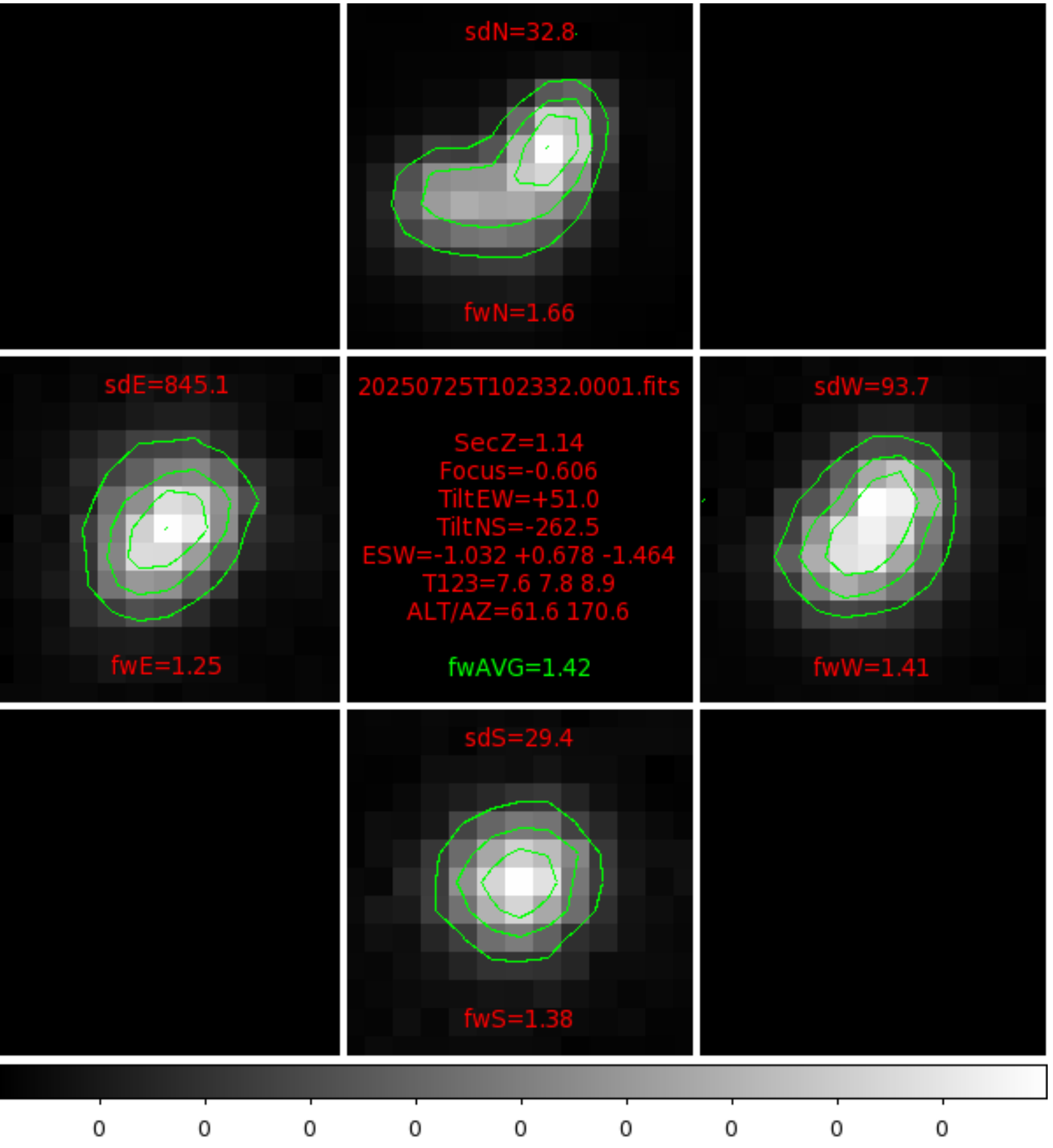
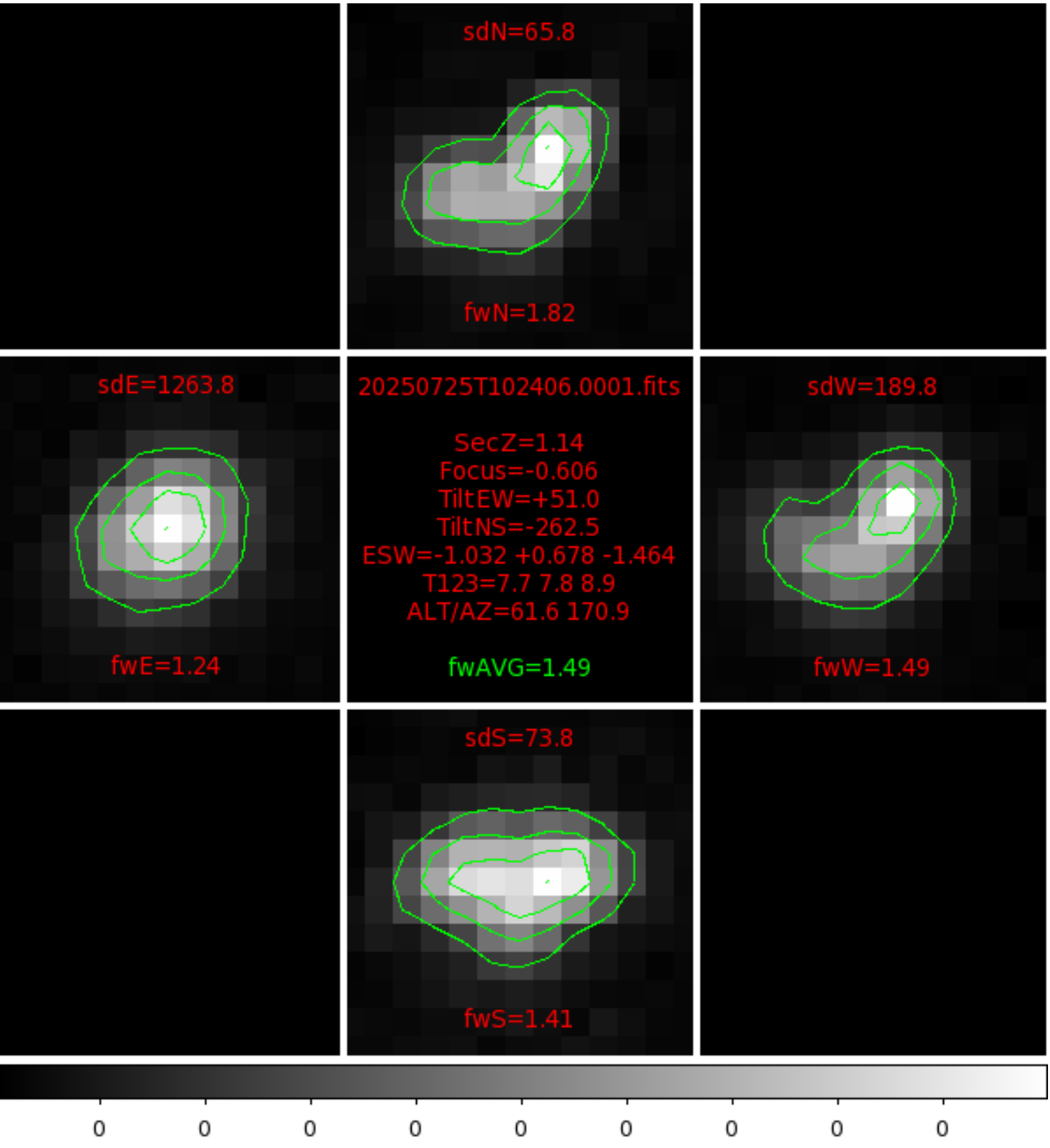
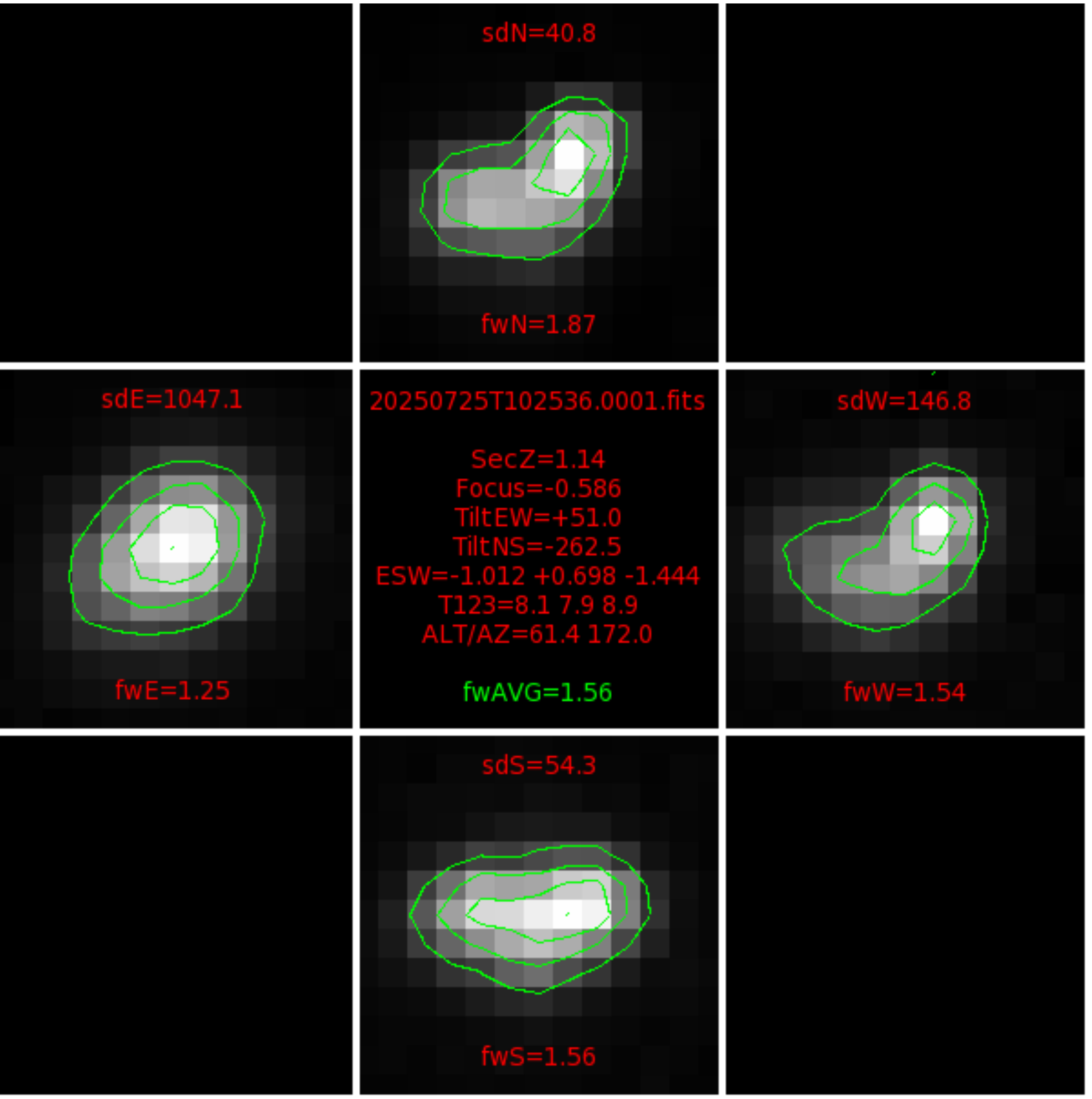
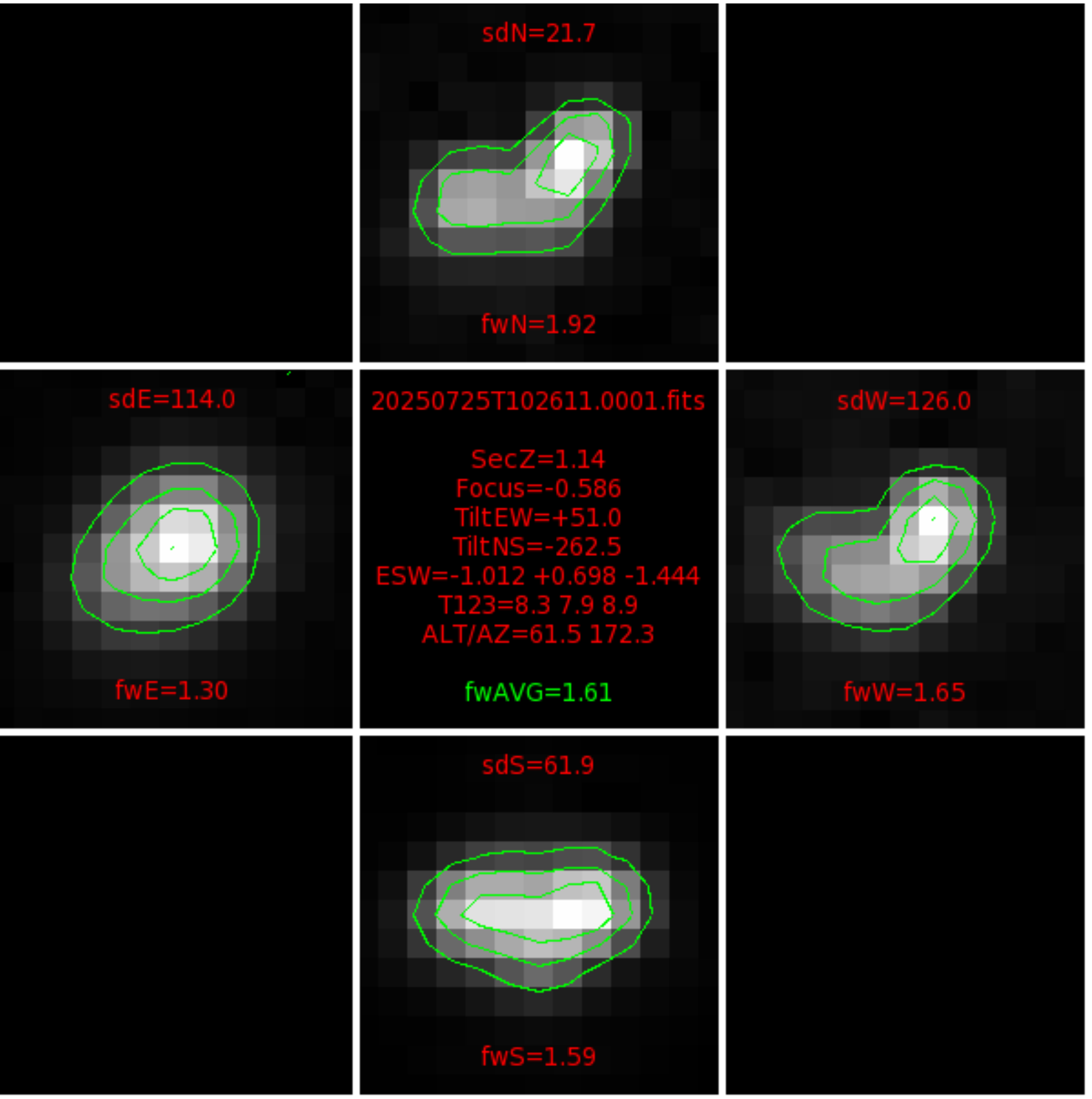
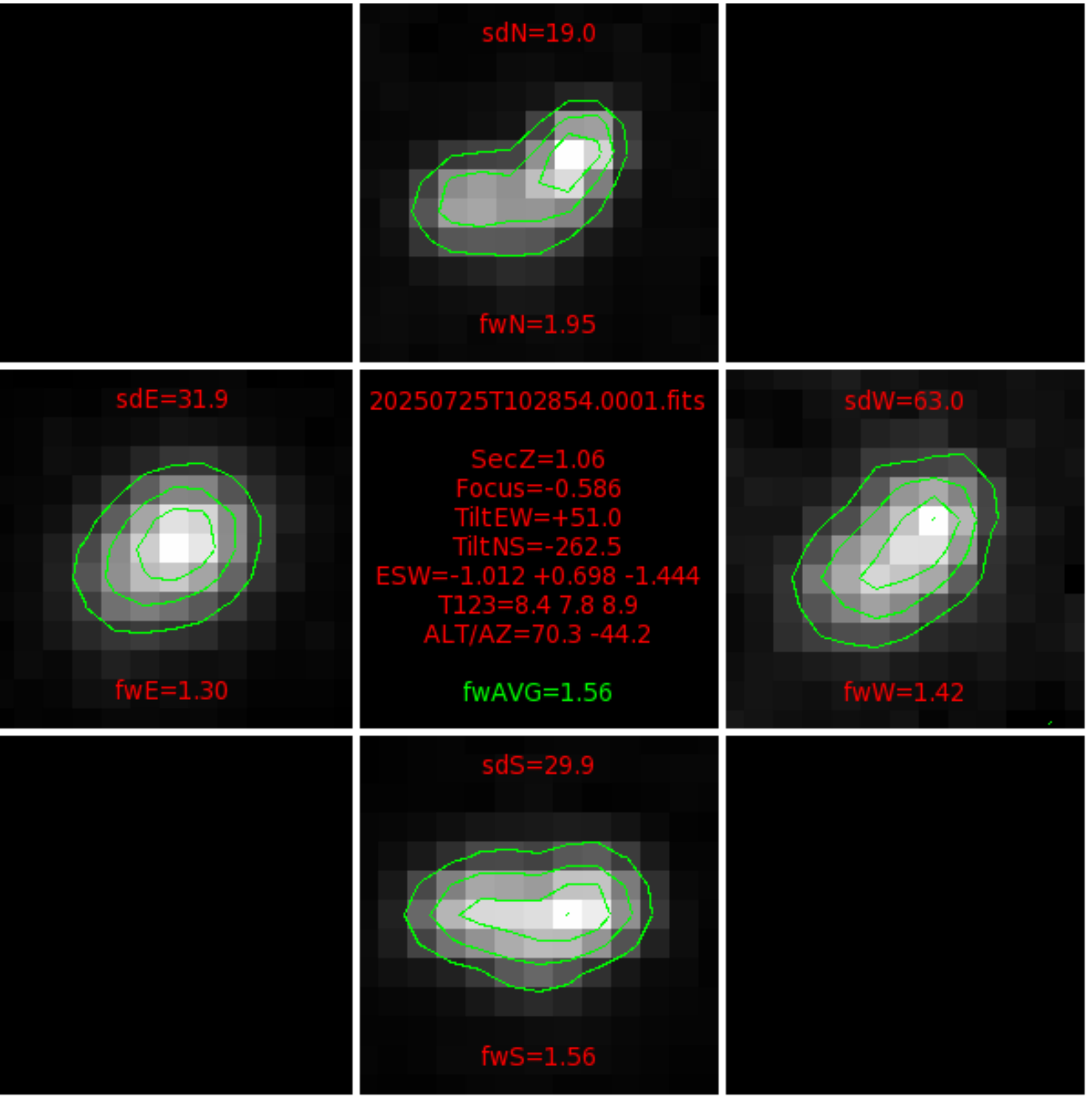

sdN=31.7
fwN=1.59
sdE=70.9
fwE=1.31
20250725T102057.0001.fits
SecZ=1.24
Focus=-0.600
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.026 +0.684 -1.458
T123=7.5 7.7 8.9
ALT/AZ=54.0 -61.7
fwAVG=1.37
sdW=219.5
fwW=1.39
sdS=41.0
fwS=1.17
0 0 0 0 0 0 0 0 0

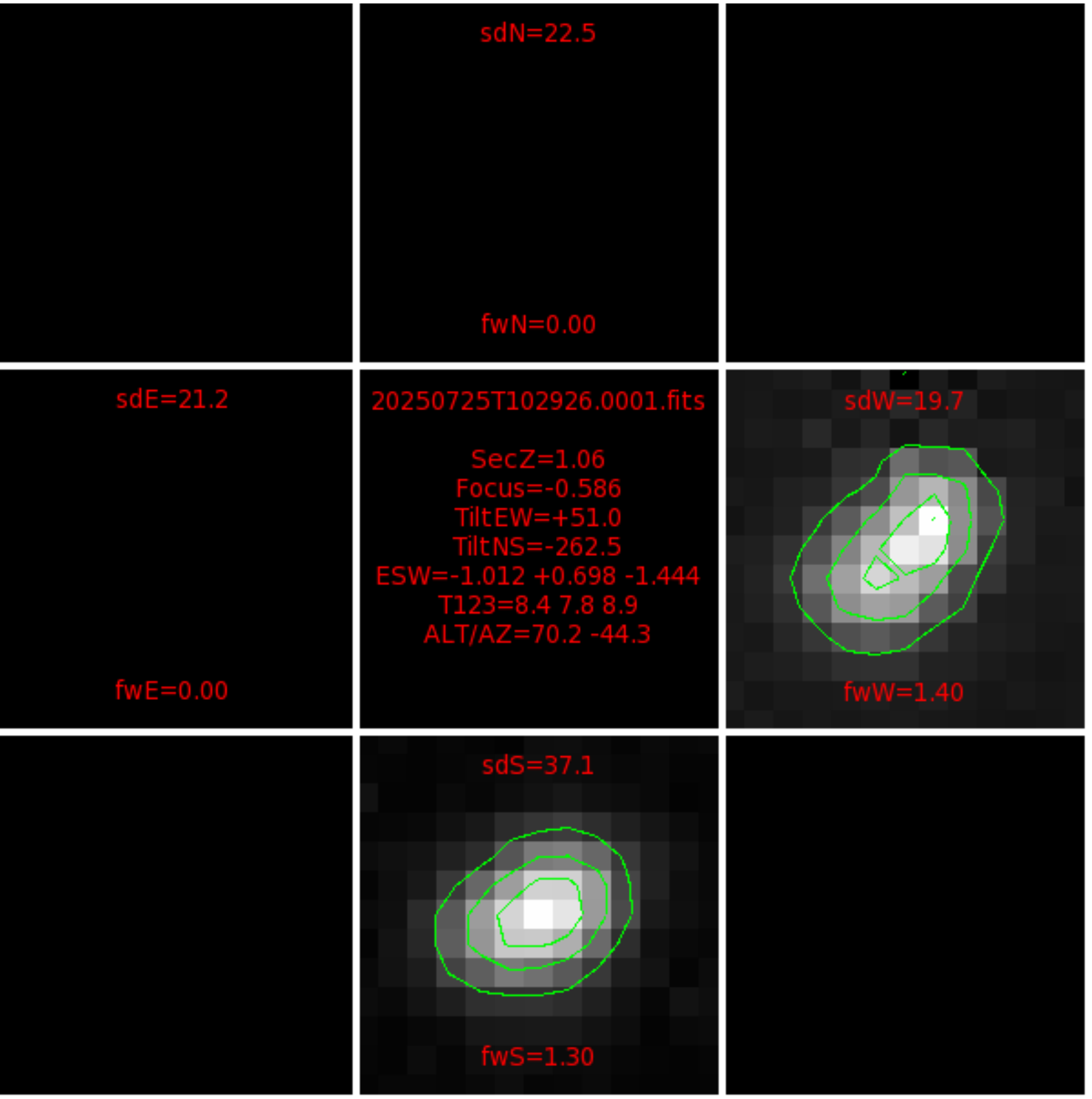

sdN=32.8
fwN=1.66
sdE=845.1
fwE=1.25
20250725T102332.0001.fits
SecZ=1.14
Focus=-0.606
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.032 +0.678 -1.464
T123=7.6 7.8 8.9
ALT/AZ=61.6 170.6
fwAVG=1.42
sdW=93.7
fwW=1.41
sdS=29.4
fwS=1.38
0 0 0 0 0 0 0 0 0

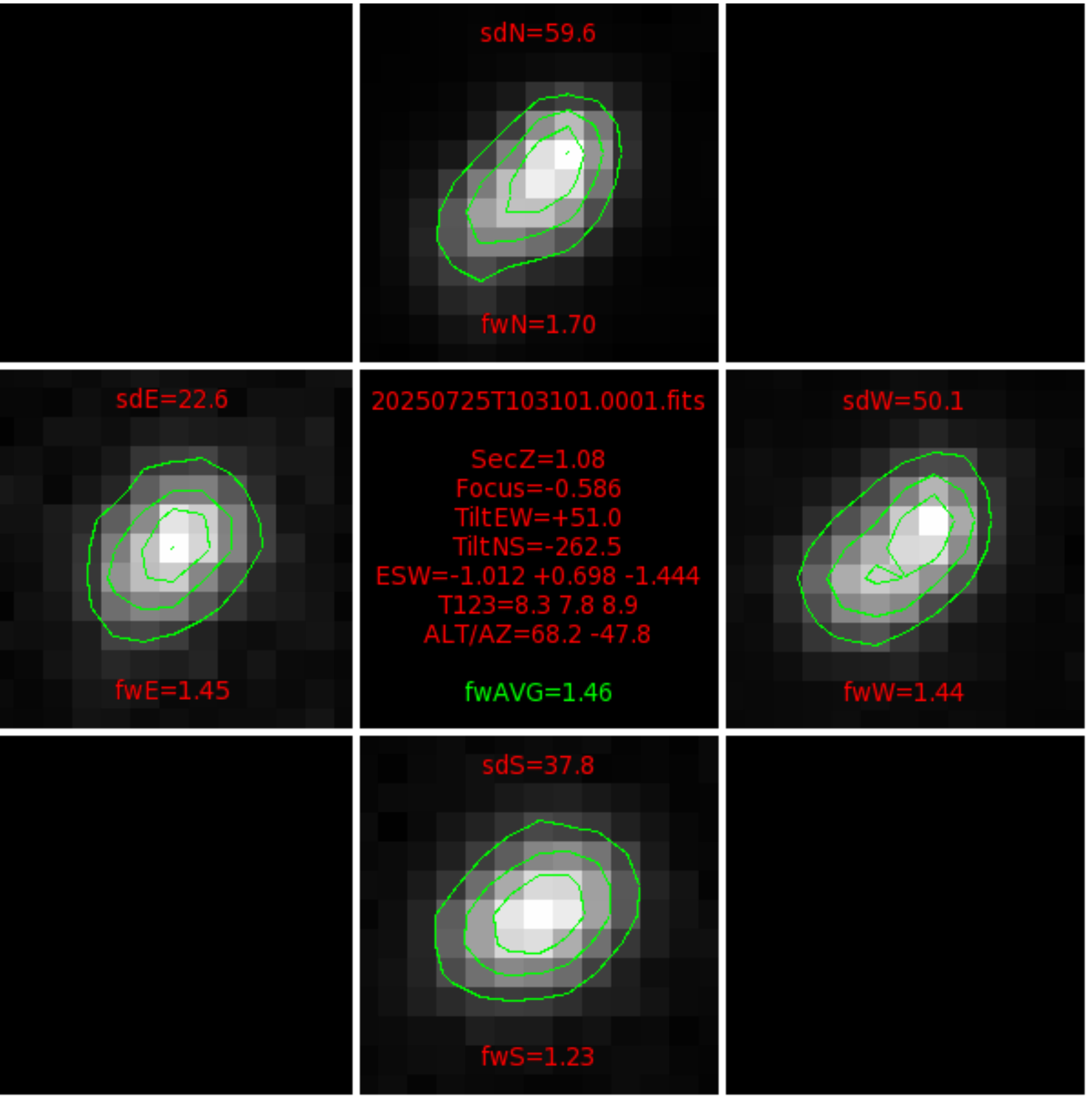

sdN=65.8
fwN=1.82
sdE=1263.8
fwE=1.24
20250725T102406.0001.fits
SecZ=1.14
Focus=-0.606
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.032 +0.678 -1.464
T123=7.7 7.8 8.9
ALT/AZ=61.6 170.9
fwAVG=1.49
sdW=189.8
fwW=1.49
sdS=73.8
fwS=1.41
0 0 0 0 0 0 0 0 0

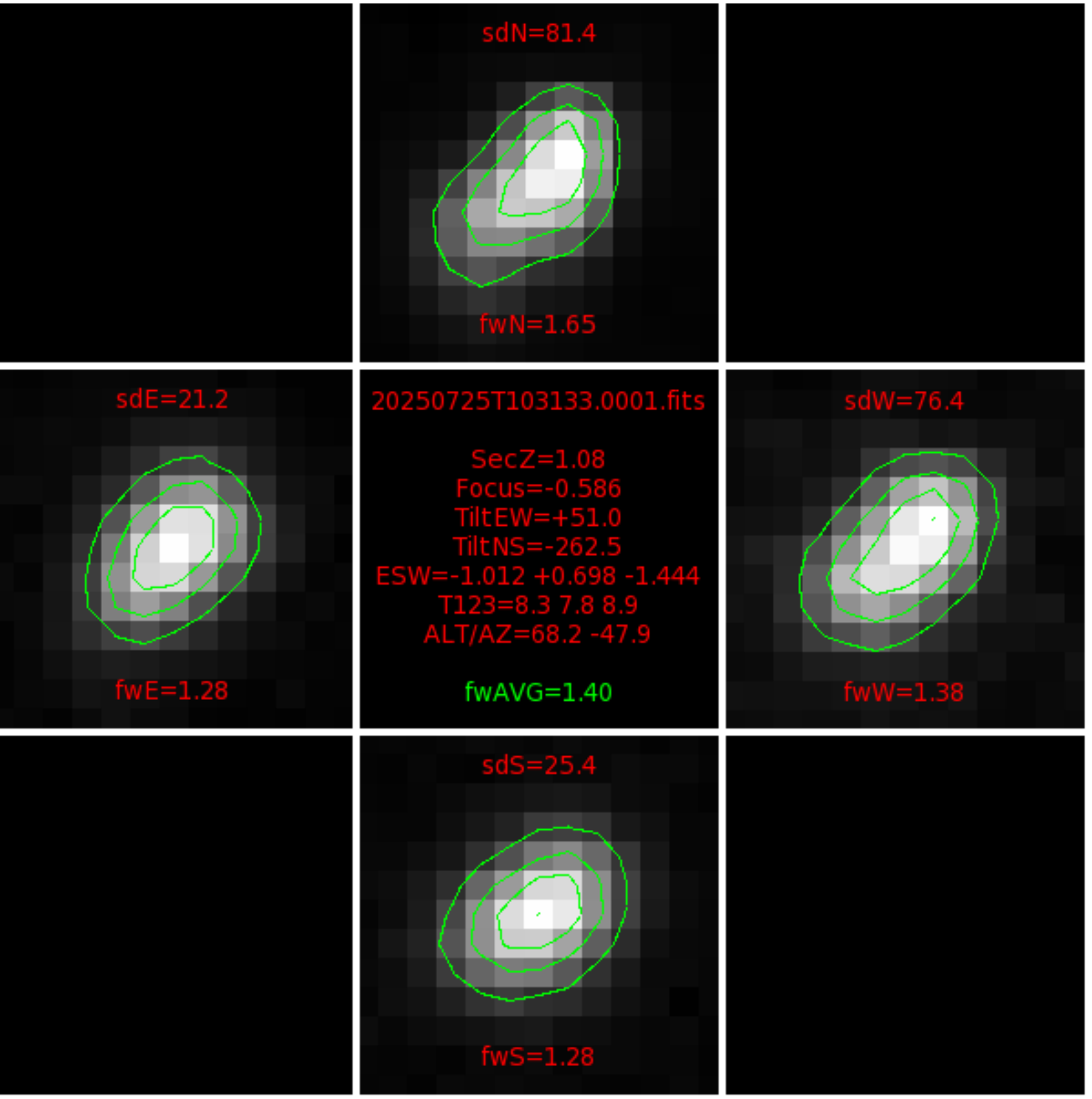

sdN=40.8
fwN=1.87
sdE=1047.1
fwE=1.25
20250725T102536.0001.fits
SecZ=1.14
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=8.1 7.9 8.9
ALT/AZ=61.4 172.0
fwAVG=1.56
sdW=146.8
fwW=1.54
sdS=54.3
fwS=1.56
0 0 0 0 0 0 0 0 0

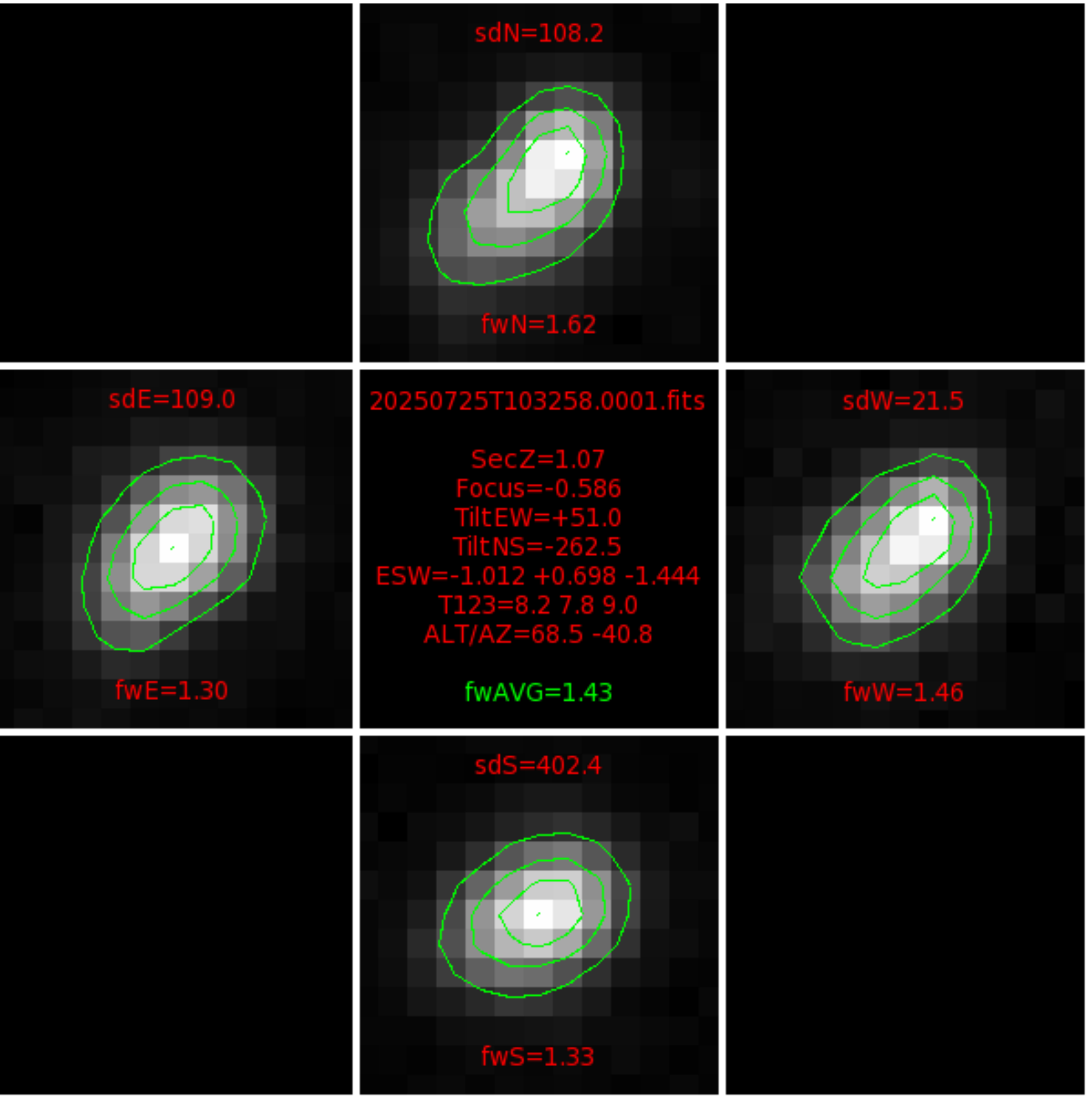

sdN=21.7
fwN=1.92
sdE=114.0
fwE=1.30
20250725T102611.0001.fits
SecZ=1.14
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=8.3 7.9 8.9
ALT/AZ=61.5 172.3
fwAVG=1.61
sdW=126.0
fwW=1.65
sdS=61.9
fwS=1.59
0 0 0 0 0 0 0 0 0

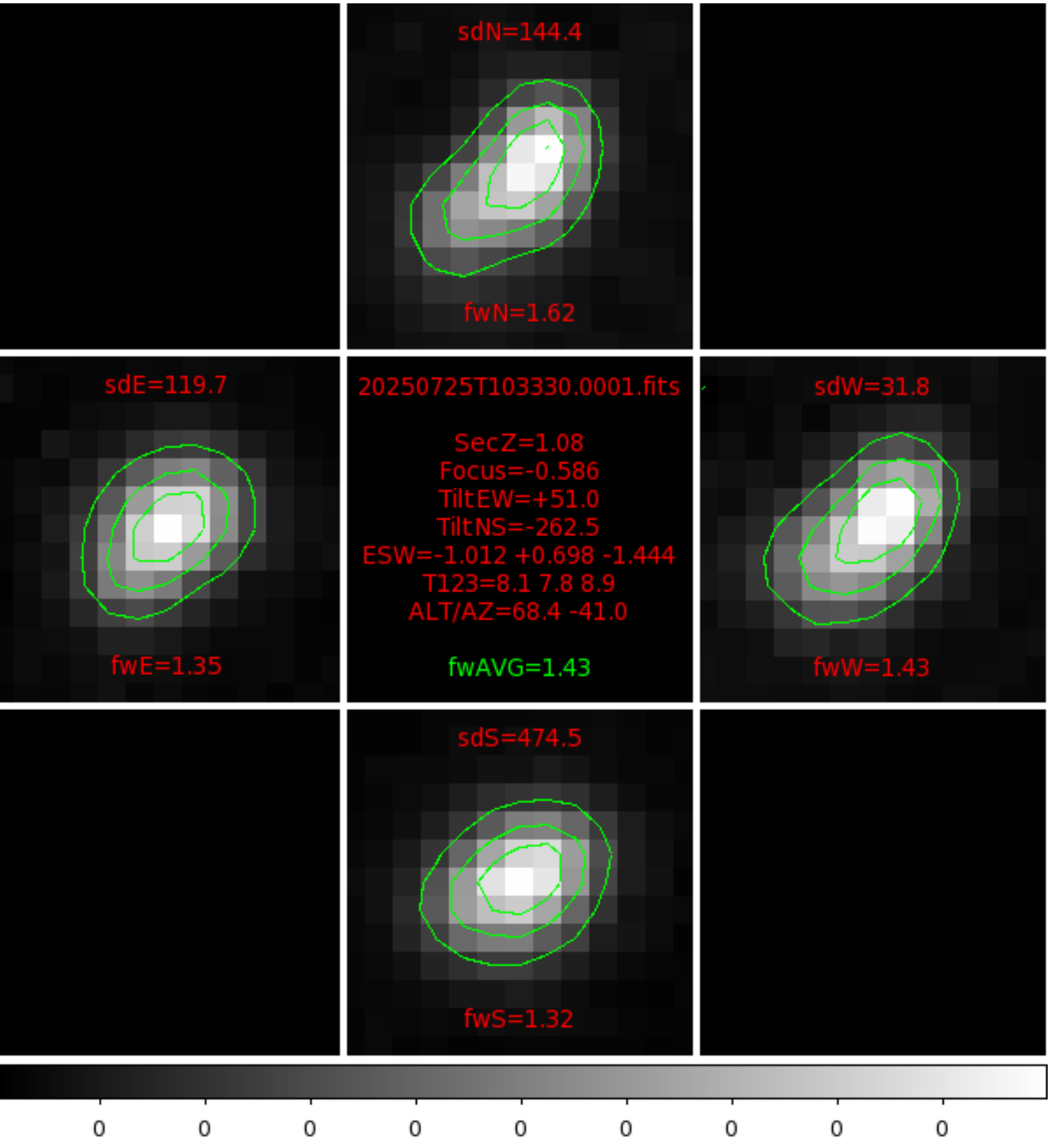

sdN=19.0
fwN=1.95
sdE=31.9
fwE=1.30
20250725T102854.0001.fits
SecZ=1.06
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=8.4 7.8 8.9
ALT/AZ=70.3 -44.2
fwAVG=1.56
sdW=63.0
fwW=1.42
sdS=29.9
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=22.5
fwN=0.00
sdE=21.2
fwE=0.00
20250725T102926.0001.fits
SecZ=1.06
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=8.4 7.8 8.9
ALT/AZ=70.2 -44.3
sdW=19.7
fwW=1.40
sdS=37.1
fwS=1.30
0 0 0 0 0 0 0 0 0


sdN=59.6
fwN=1.70
sdE=22.6
fwE=1.45
20250725T103101.0001.fits
SecZ=1.08
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=8.3 7.8 8.9
ALT/AZ=68.2 -47.8
fwAVG=1.46
sdW=50.1
fwW=1.44
sdS=37.8
fwS=1.23
0 0 0 0 0 0 0 0 0


sdN=81.4
fwN=1.65
sdE=21.2
fwE=1.28
20250725T103133.0001.fits
SecZ=1.08
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=8.3 7.8 8.9
ALT/AZ=68.2 -47.9
fwAVG=1.40
sdW=76.4
fwW=1.38
sdS=25.4
fwS=1.28
0 0 0 0 0 0 0 0 0


sdN=108.2
fwN=1.62
sdE=109.0
fwE=1.30
20250725T103258.0001.fits
SecZ=1.07
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=8.2 7.8 9.0
ALT/AZ=68.5 -40.8
fwAVG=1.43
sdW=21.5
fwW=1.46
sdS=402.4
fwS=1.33
0 0 0 0 0 0 0 0 0


sdN=144.4
fwN=1.62
sdE=119.7
fwE=1.35
20250725T103330.0001.fits
SecZ=1.08
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=8.1 7.8 8.9
ALT/AZ=68.4 -41.0
fwAVG=1.43
sdW=31.8
fwW=1.43
sdS=474.5
fwS=1.32
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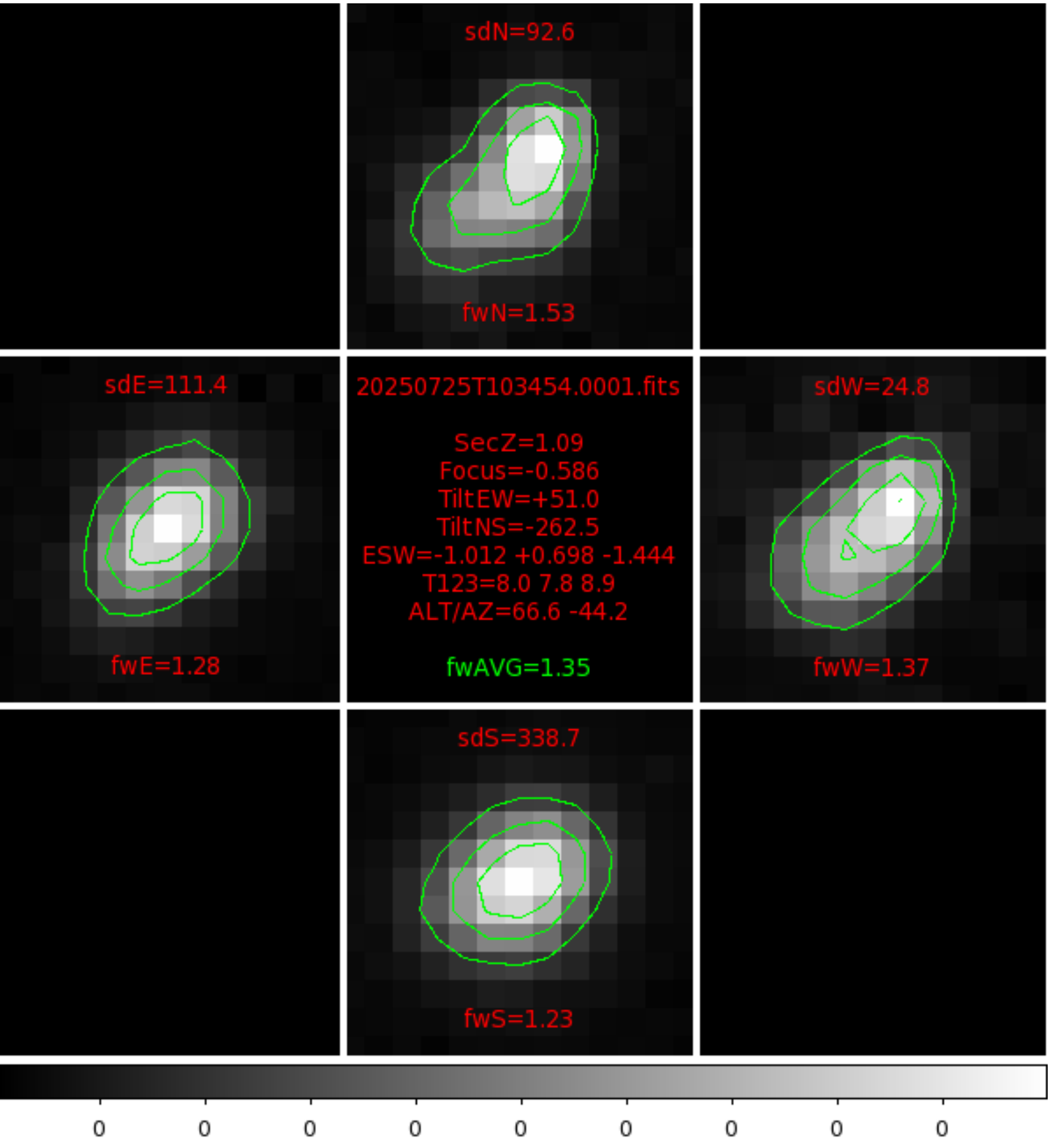
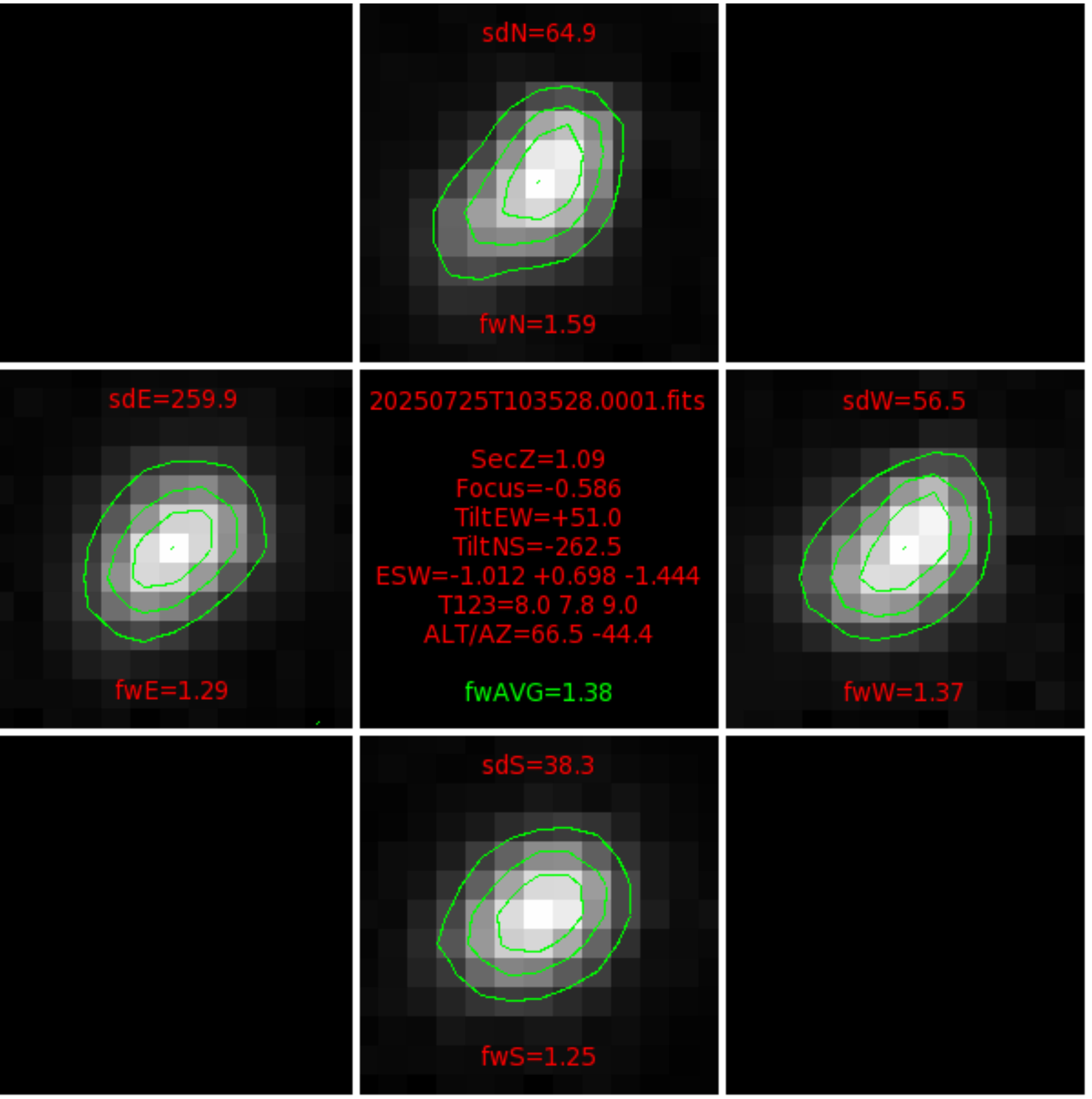
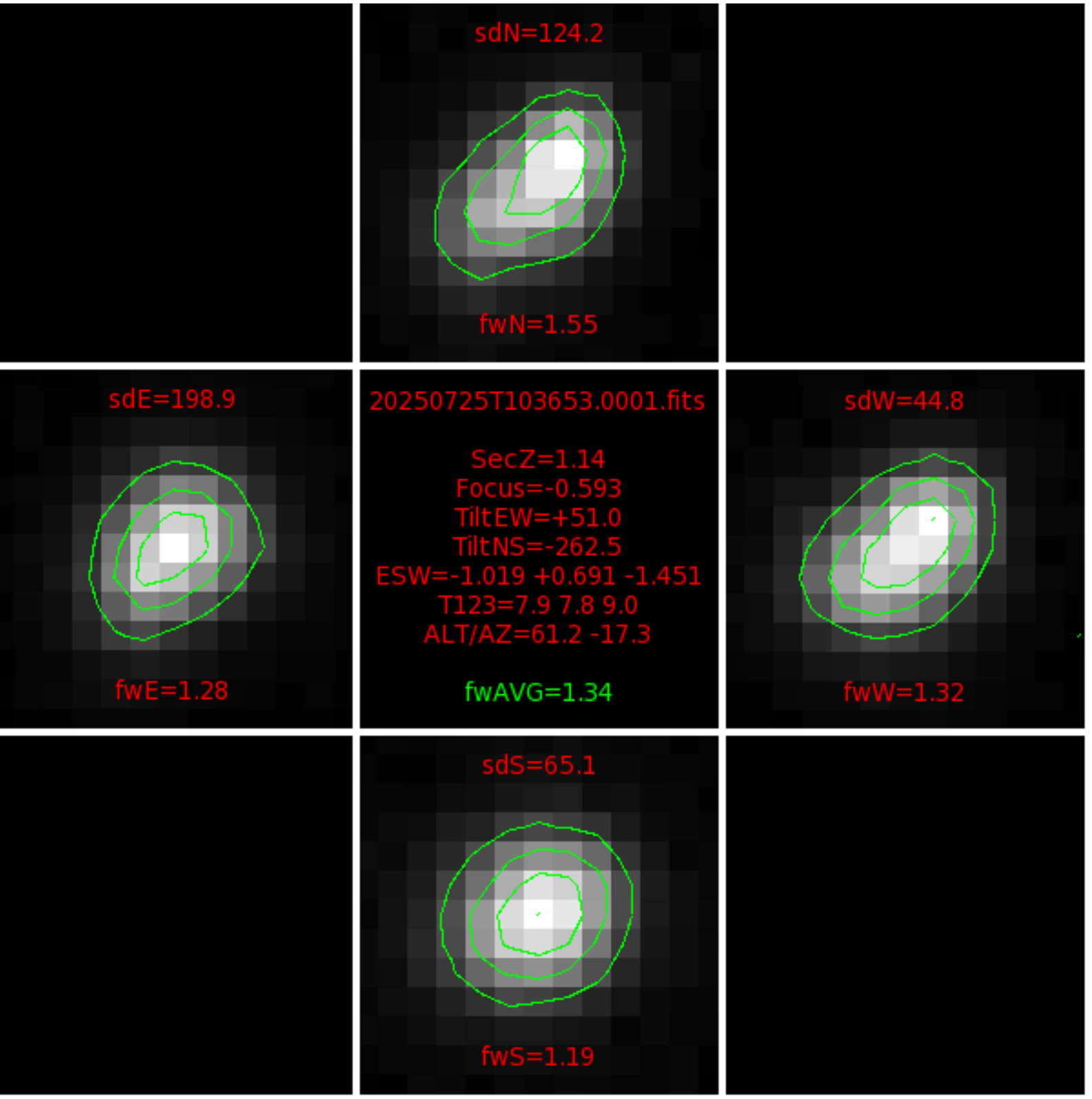
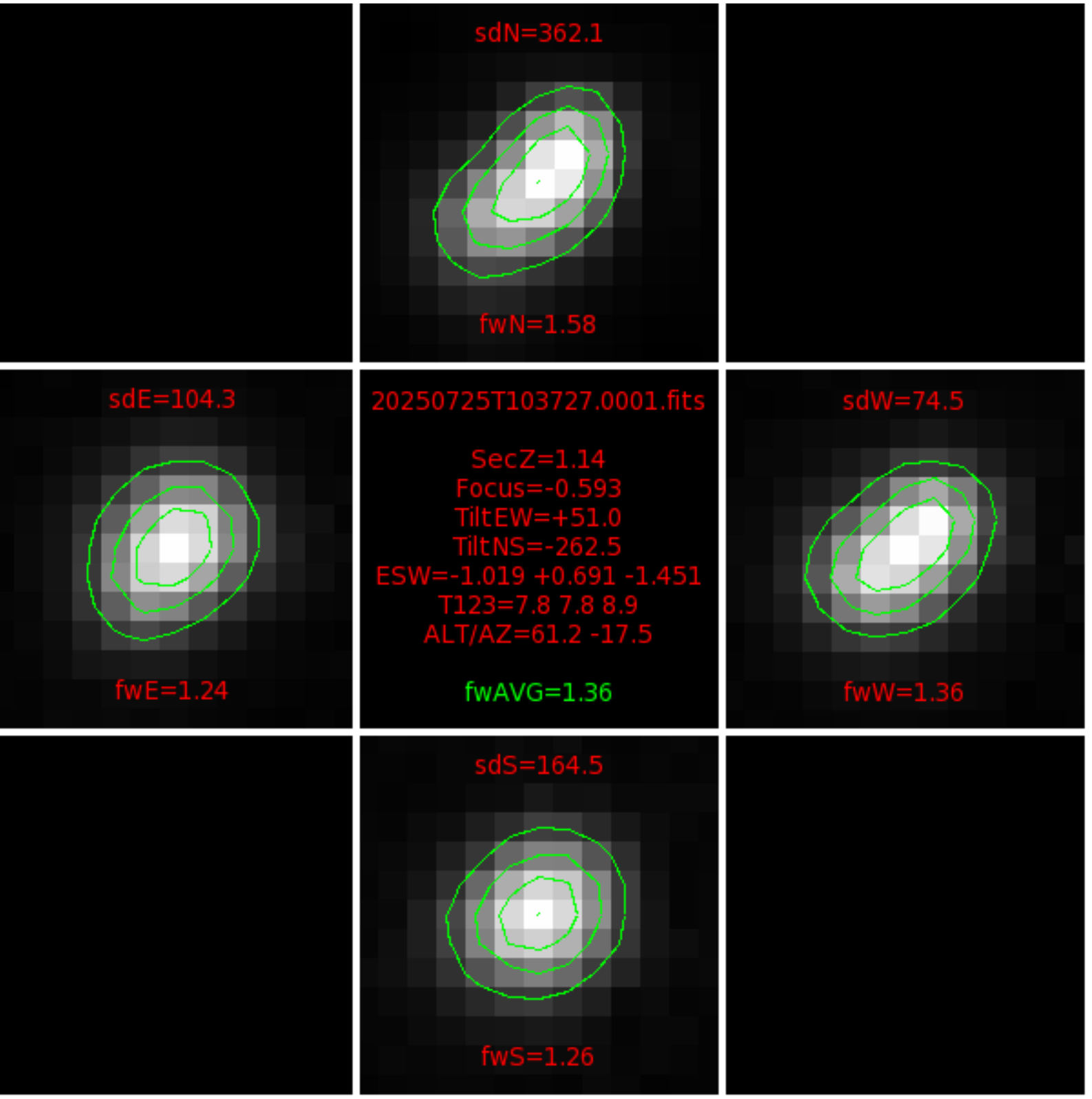
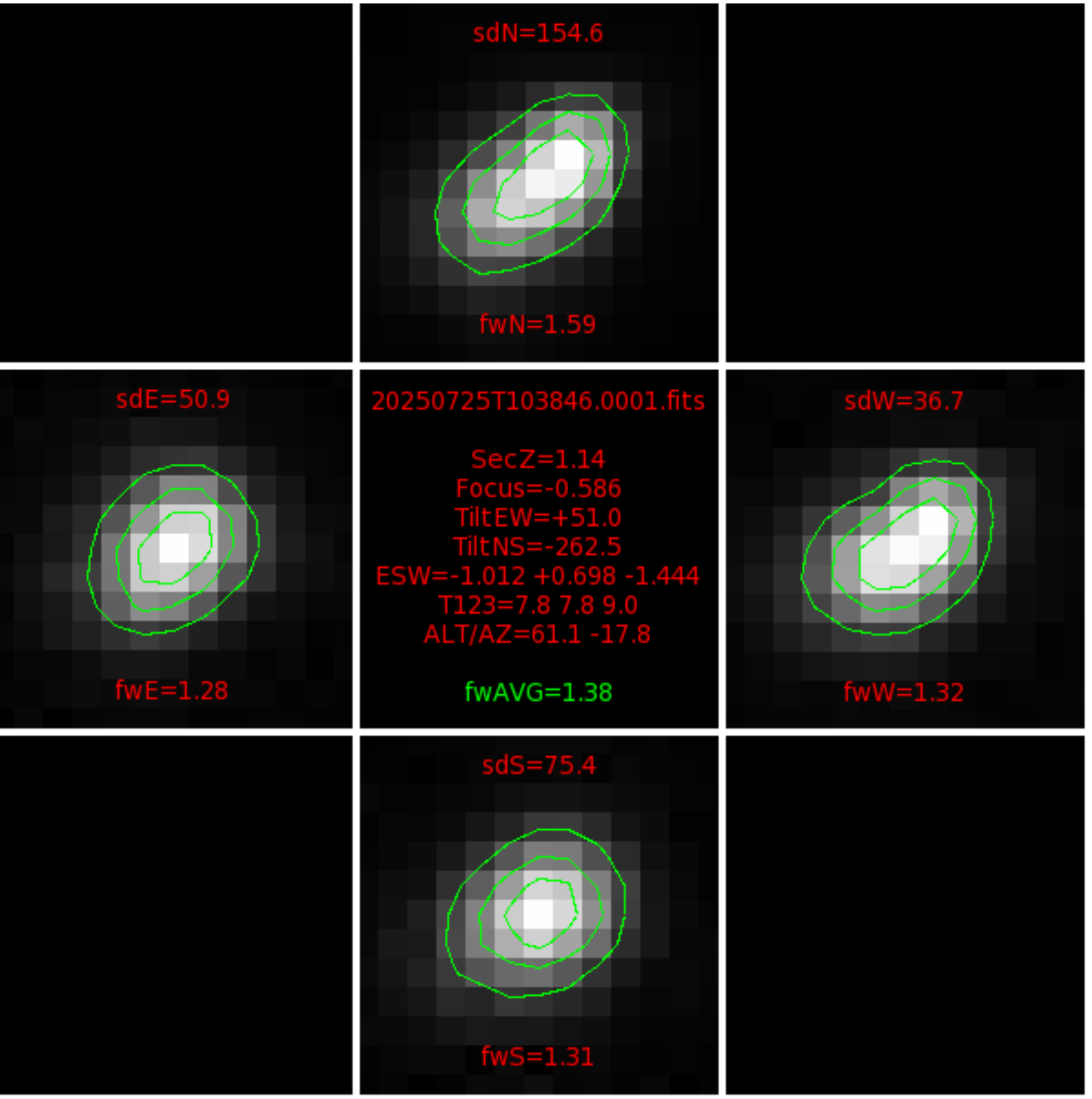
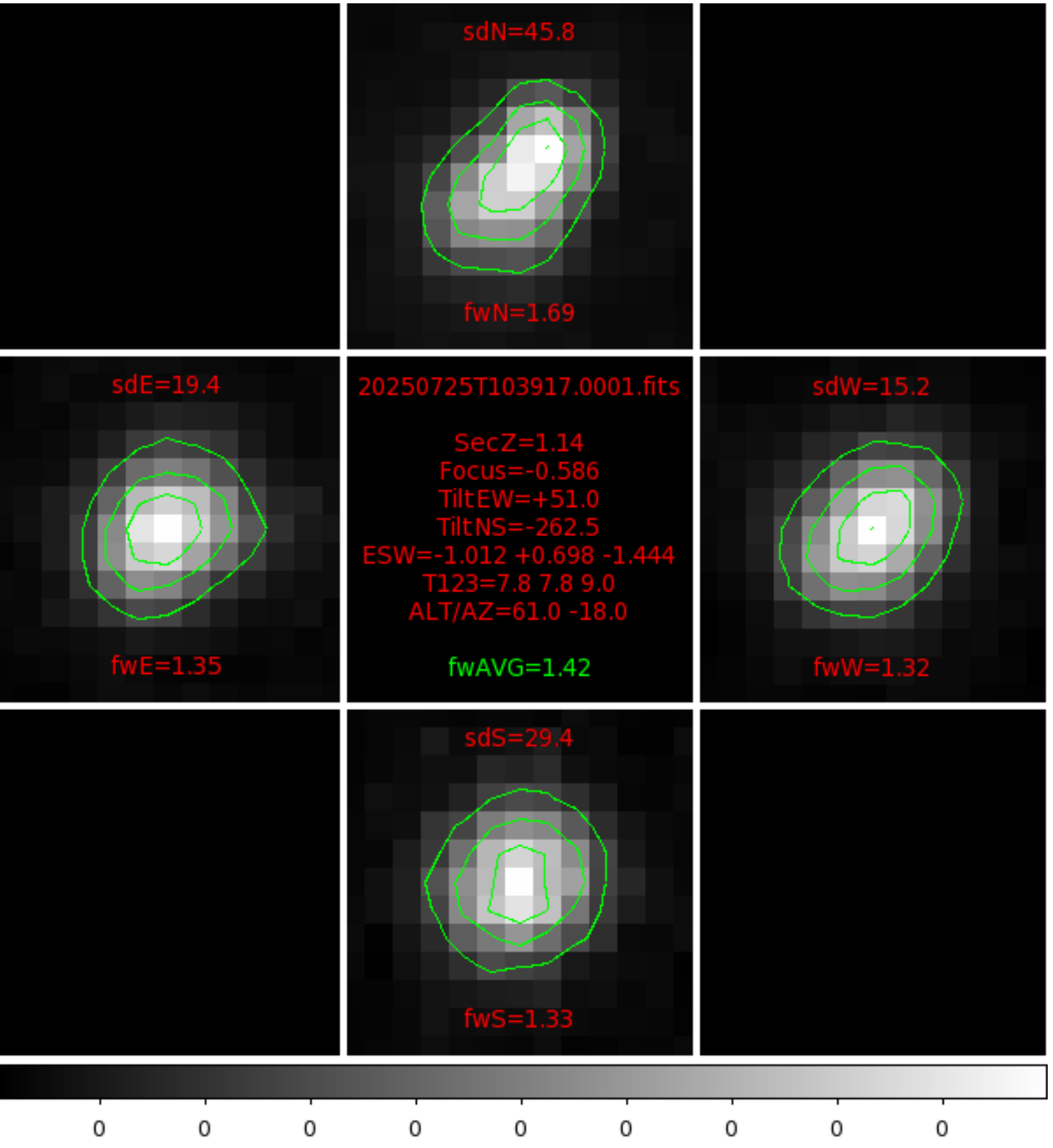

sdN=92.6
fwN=1.53
sdE=111.4
fwE=1.28
20250725T103454.0001.fits
SecZ=1.09
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=8.0 7.8 8.9
ALT/AZ=66.6 -44.2
fwAVG=1.35
sdW=24.8
fwW=1.37
sdS=338.7
fwS=1.23
0 0 0 0 0 0 0 0 0

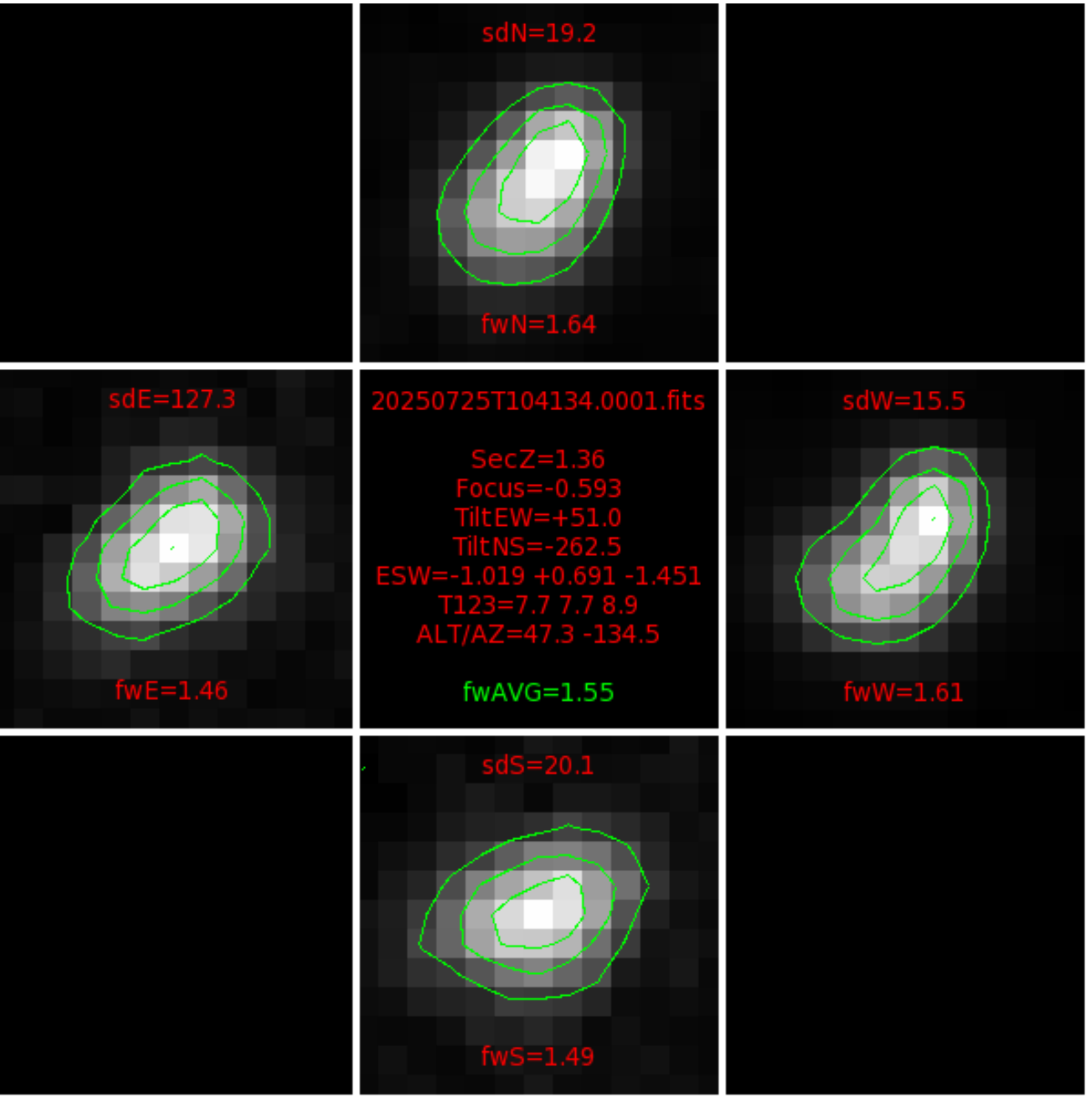

sdN=64.9
fwN=1.59
sdE=259.9
fwE=1.29
20250725T103528.0001.fits
SecZ=1.09
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=8.0 7.8 9.0
ALT/AZ=66.5 -44.4
fwAVG=1.38
sdW=56.5
fwW=1.37
sdS=38.3
fwS=1.25
0 0 0 0 0 0 0 0 0


sdN=124.2
fwN=1.55
sdE=198.9
fwE=1.28
20250725T103653.0001.fits
SecZ=1.14
Focus=-0.593
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.019 +0.691 -1.451
T123=7.9 7.8 9.0
ALT/AZ=61.2 -17.3
fwAVG=1.34
sdW=44.8
fwW=1.32
sdS=65.1
fwS=1.19
0 0 0 0 0 0 0 0 0


sdN=362.1
fwN=1.58
sdE=104.3
fwE=1.24
20250725T103727.0001.fits
SecZ=1.14
Focus=-0.593
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.019 +0.691 -1.451
T123=7.8 7.8 8.9
ALT/AZ=61.2 -17.5
fwAVG=1.36
sdW=74.5
fwW=1.36
sdS=164.5
fwS=1.26
0 0 0 0 0 0 0 0 0


sdN=154.6
fwN=1.59
sdE=50.9
fwE=1.28
20250725T103846.0001.fits
SecZ=1.14
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=7.8 7.8 9.0
ALT/AZ=61.1 -17.8
fwAVG=1.38
sdW=36.7
fwW=1.32
sdS=75.4
fwS=1.31
0 0 0 0 0 0 0 0 0


sdN=45.8
fwN=1.69
sdE=19.4
fwE=1.35
20250725T103917.0001.fits
SecZ=1.14
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=7.8 7.8 9.0
ALT/AZ=61.0 -18.0
fwAVG=1.42
sdW=15.2
fwW=1.32
sdS=29.4
fwS=1.33
0 0 0 0 0 0 0 0 0


sdN=19.2
fwN=1.64
sdE=127.3
fwE=1.46
20250725T104134.0001.fits
SecZ=1.36
Focus=-0.593
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.019 +0.691 -1.451
T123=7.7 7.7 8.9
ALT/AZ=47.3 -134.5
fwAVG=1.55
sdW=15.5
fwW=1.61
sdS=20.1
fwS=1.49
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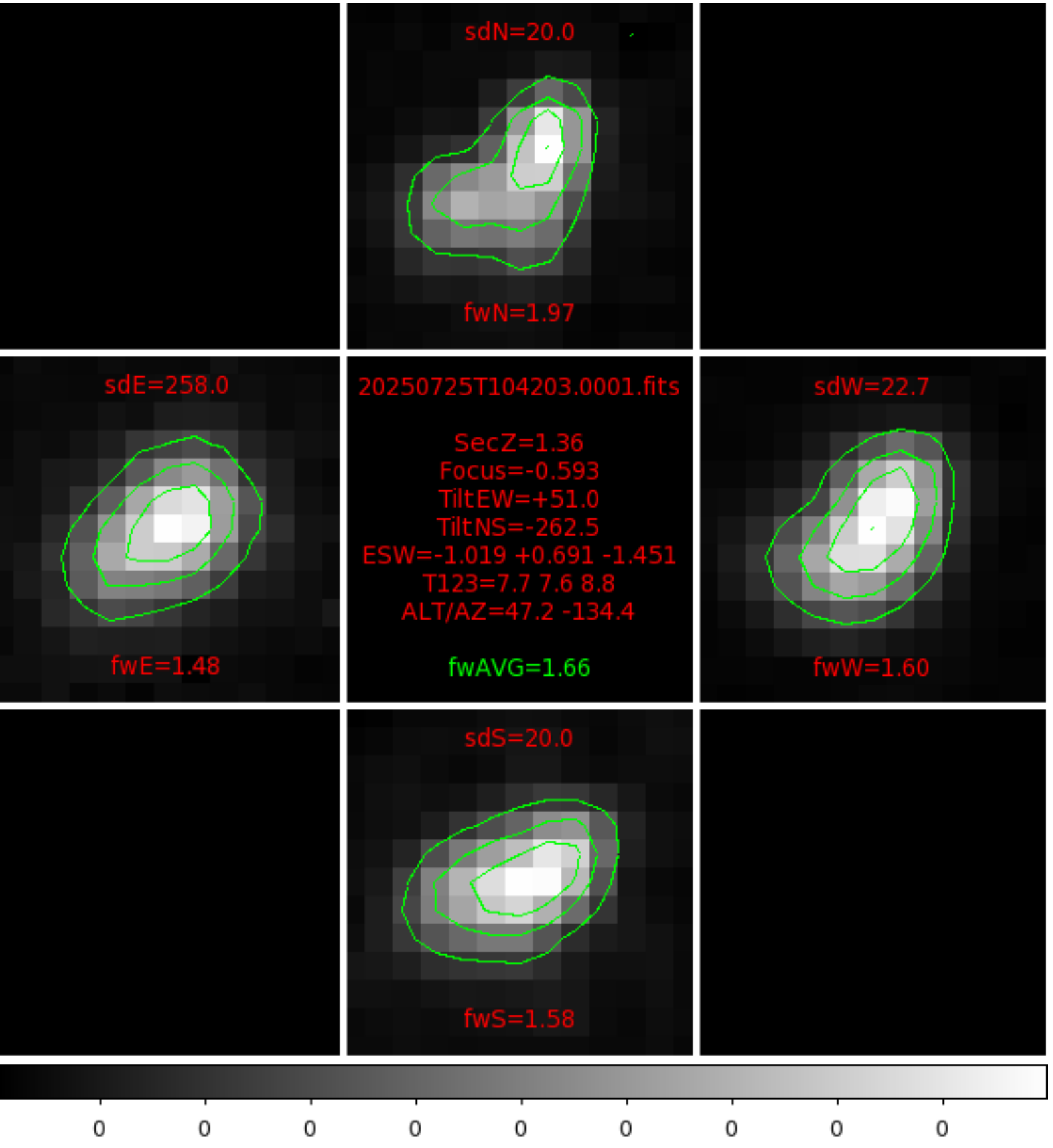
sdN=20.0
fwN=1.97
sdE=258.0
fwE=1.48
20250725T104203.0001.fits
SecZ=1.36
Focus=-0.593
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.019 +0.691 -1.451
T123=7.7 7.6 8.8
ALT/AZ=47.2 -134.4
fwAVG=1.66
sdW=22.7
fwW=1.60
sdS=20.0
fwS=1.58
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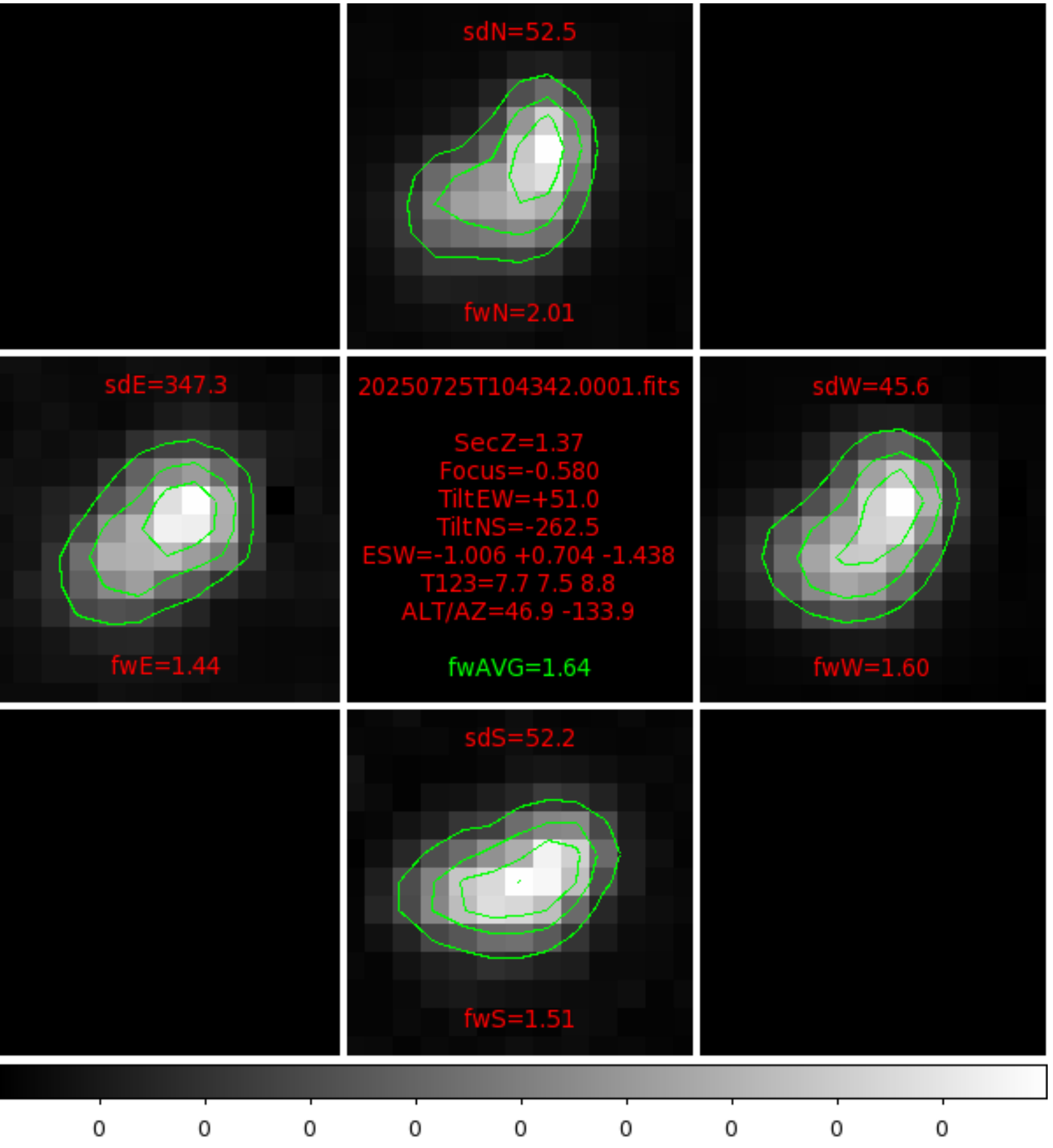
sdN=52.5
fwN=2.01
sdE=347.3
fwE=1.44
20250725T104342.0001.fits
SecZ=1.37
Focus=-0.580
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.006 +0.704 -1.438
T123=7.7 7.5 8.8
ALT/AZ=46.9 -133.9
fwAVG=1.64
sdW=45.6
fwW=1.60
sdS=52.2
fwS=1.51
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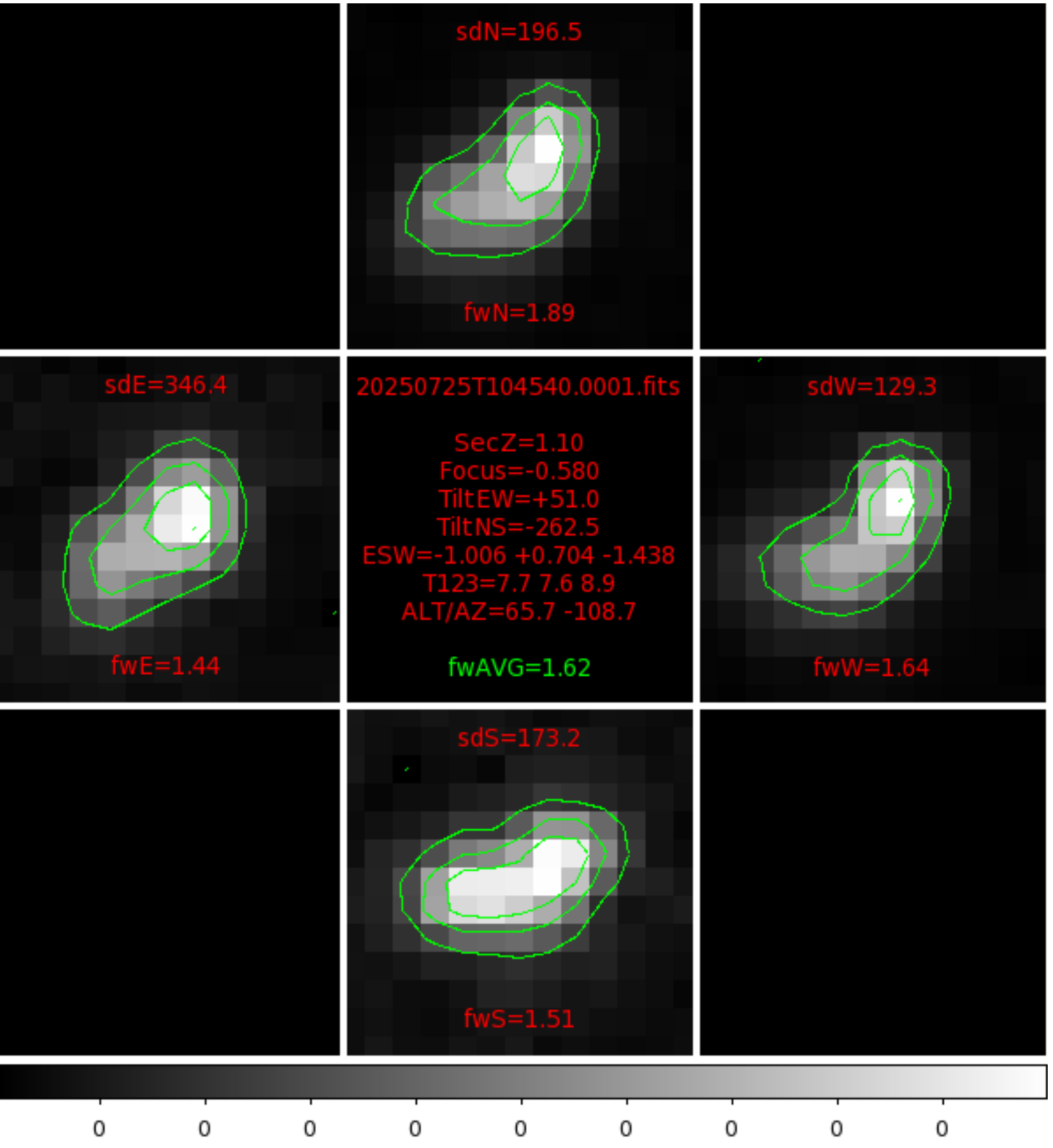
sdN=196.5
fwN=1.89
sdE=346.4
fwE=1.44
20250725T104540.0001.fits
SecZ=1.10
Focus=-0.580
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.006 +0.704 -1.438
T123=7.7 7.6 8.9
ALT/AZ=65.7 -108.7
fwAVG=1.62
sdW=129.3
fwW=1.64
sdS=173.2
fwS=1.51
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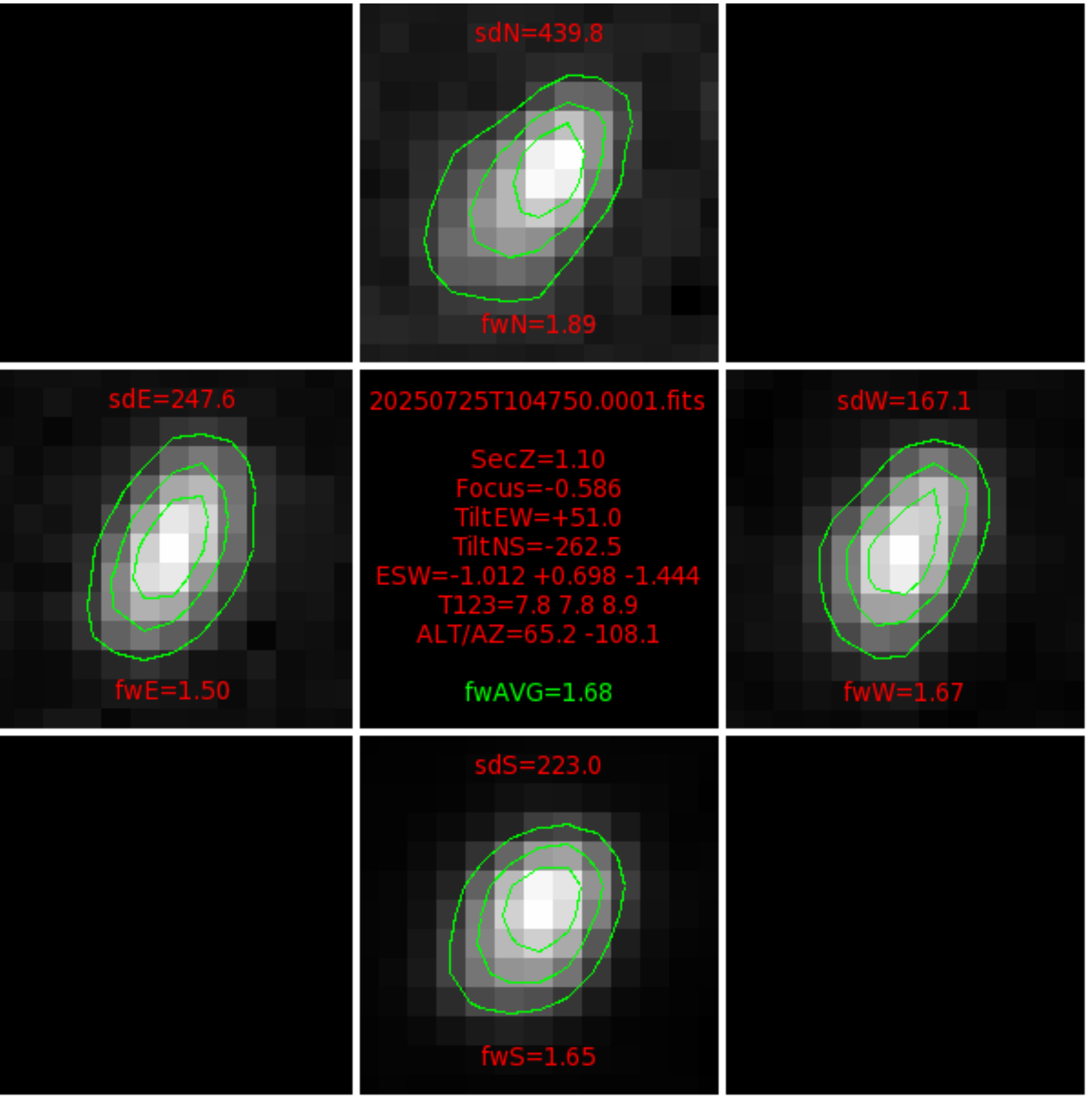
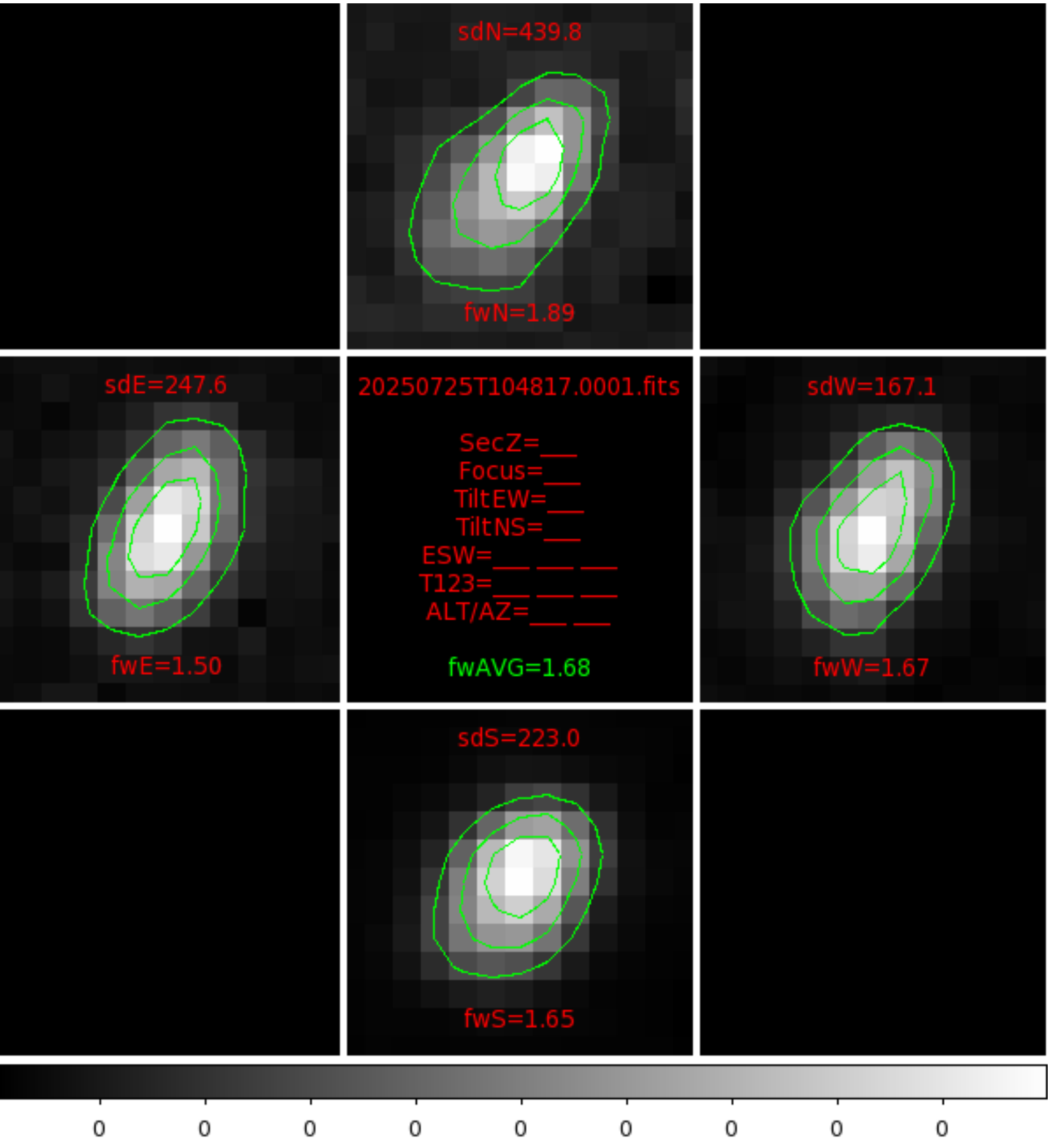

sdN=439.8
fwN=1.89
sdE=247.6
fwE=1.50
20250725T104750.0001.fits
SecZ=1.10
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=7.8 7.8 8.9
ALT/AZ=65.2 -108.1
fwAVG=1.68
sdW=167.1
fwW=1.67
sdS=223.0
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=439.8
fwN=1.89
sdE=247.6
fwE=1.50
20250725T104817.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=1.68
sdW=167.1
fwW=1.67
sdS=223.0
fwS=1.65
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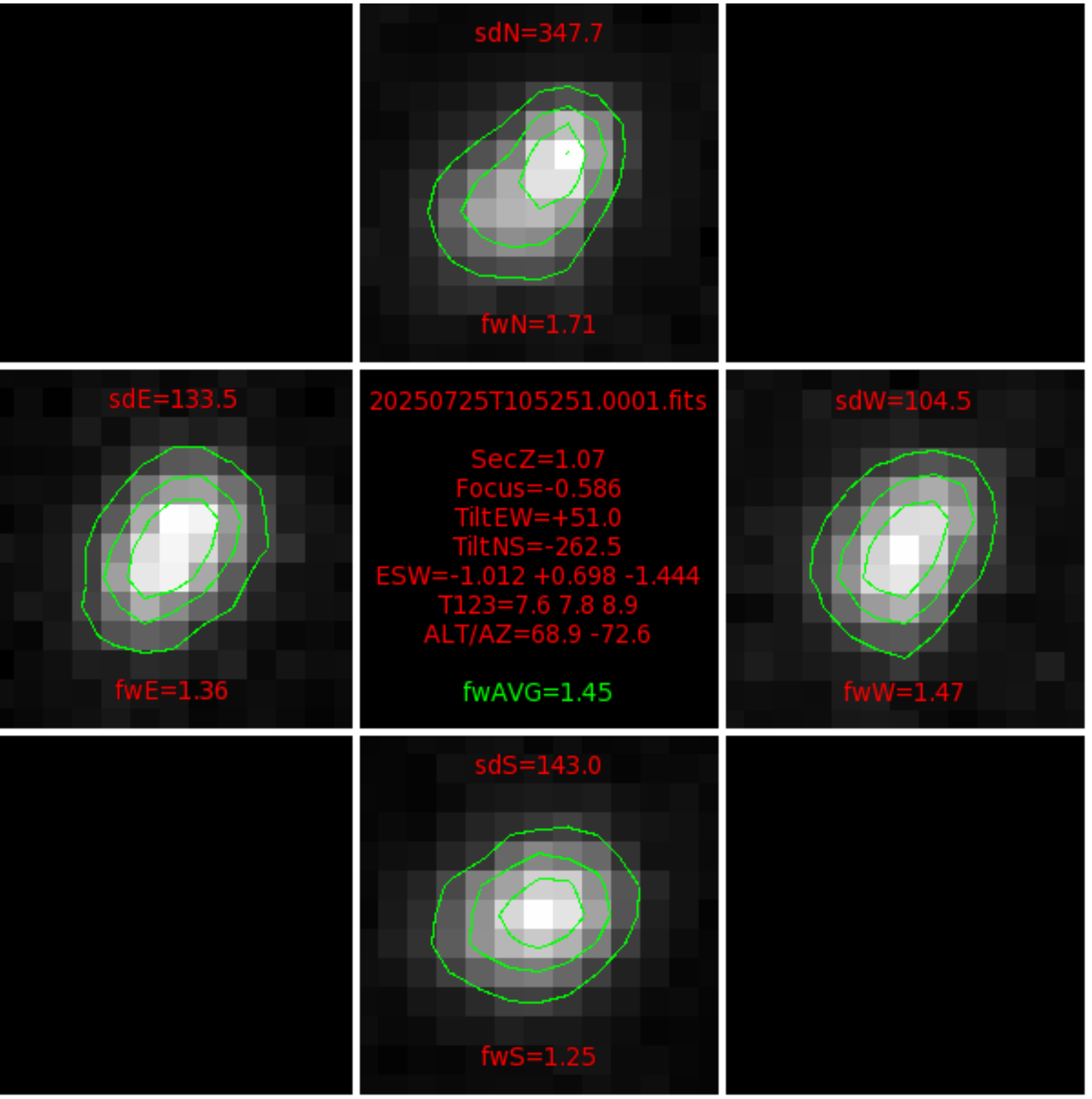
sdN=347.7
fwN=1.71
sdE=133.5
fwE=1.36
20250725T105251.0001.fits
SecZ=1.07
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=7.6 7.8 8.9
ALT/AZ=68.9 -72.6
fwAVG=1.45
sdW=104.5
fwW=1.47
sdS=143.0
fwS=1.25
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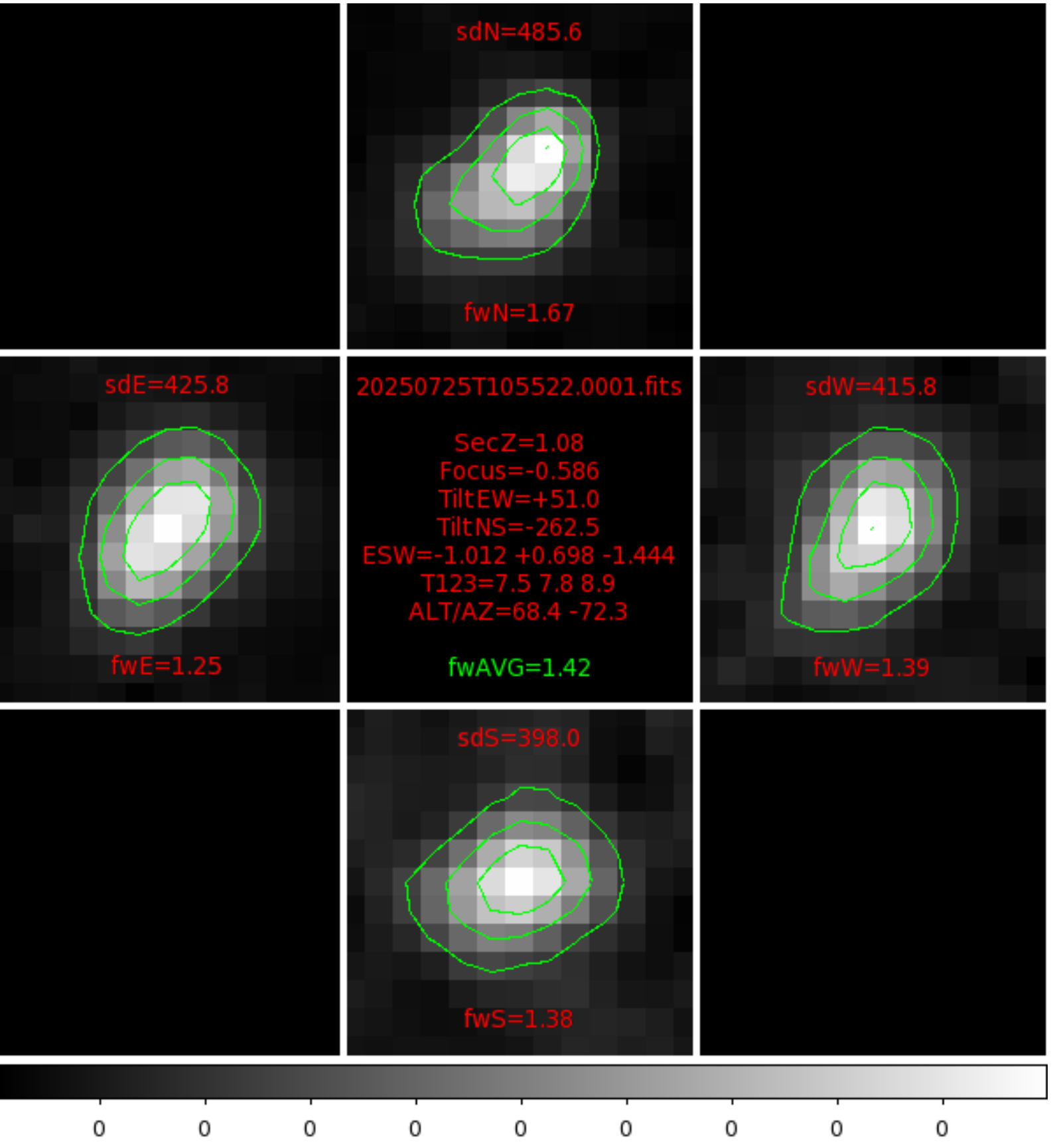
sdN=485.6
fwN=1.67
sdE=425.8
fwE=1.25
20250725T105522.0001.fits
SecZ=1.08
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=7.5 7.8 8.9
ALT/AZ=68.4 -72.3
fwAVG=1.42
sdW=415.8
fwW=1.39
sdS=398.0
fwS=1.38
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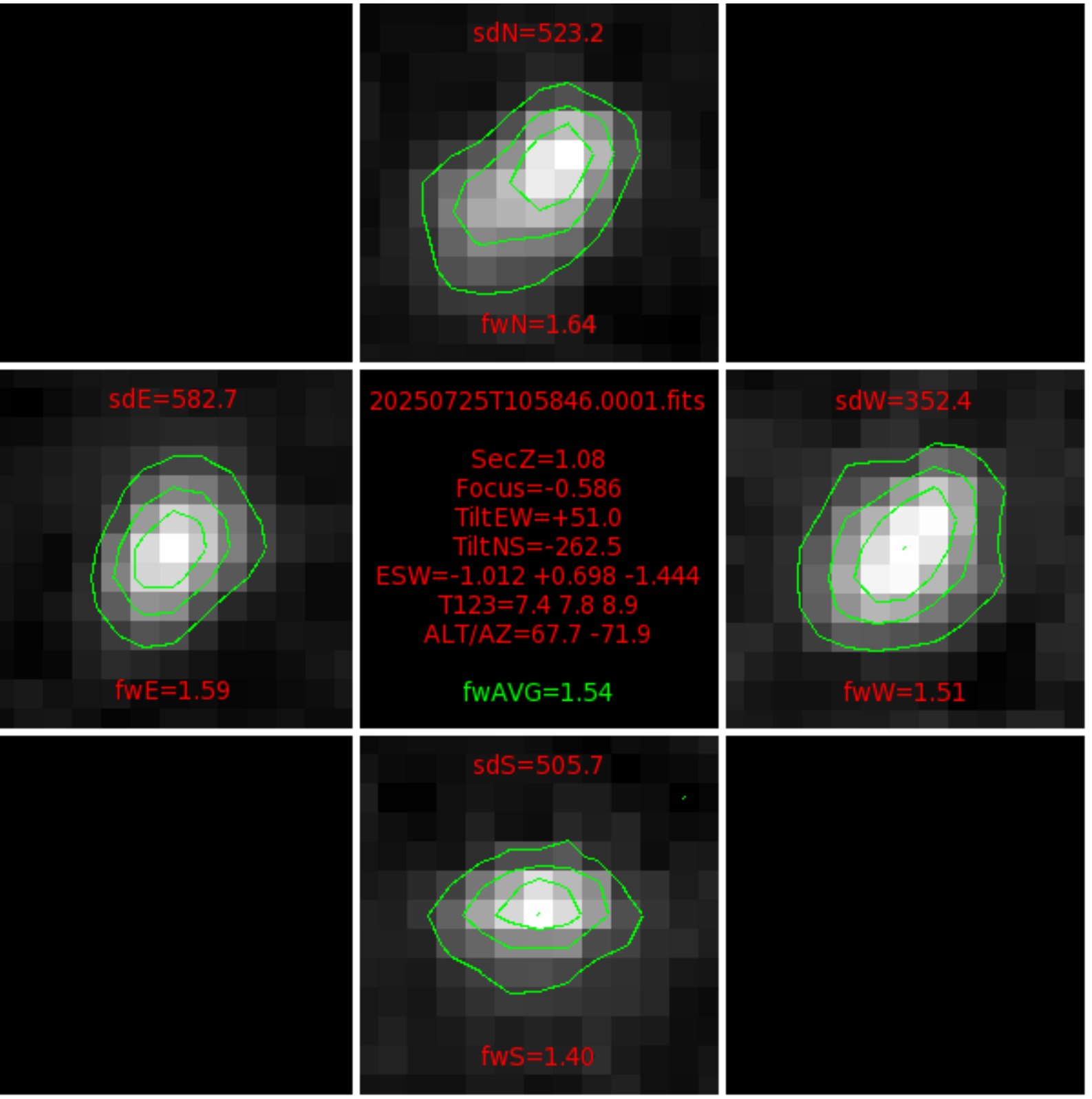
sdN=523.2
fwN=1.64
sdE=582.7
fwE=1.59
20250725T105846.0001.fits
SecZ=1.08
Focus=-0.586
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.012 +0.698 -1.444
T123=7.4 7.8 8.9
ALT/AZ=67.7 -71.9
fwAVG=1.54
sdW=352.4
fwW=1.51
sdS=505.7
fwS=1.40
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