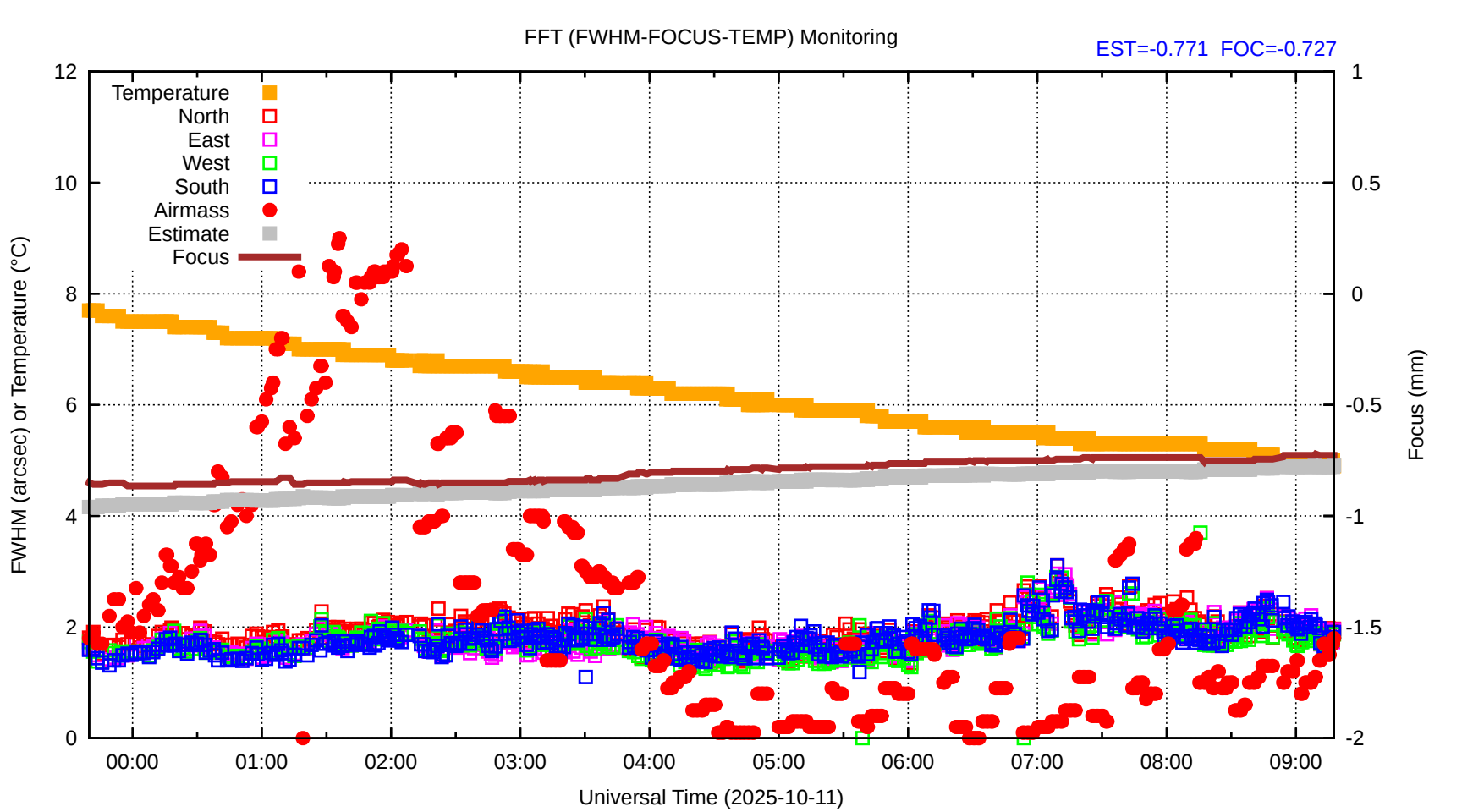
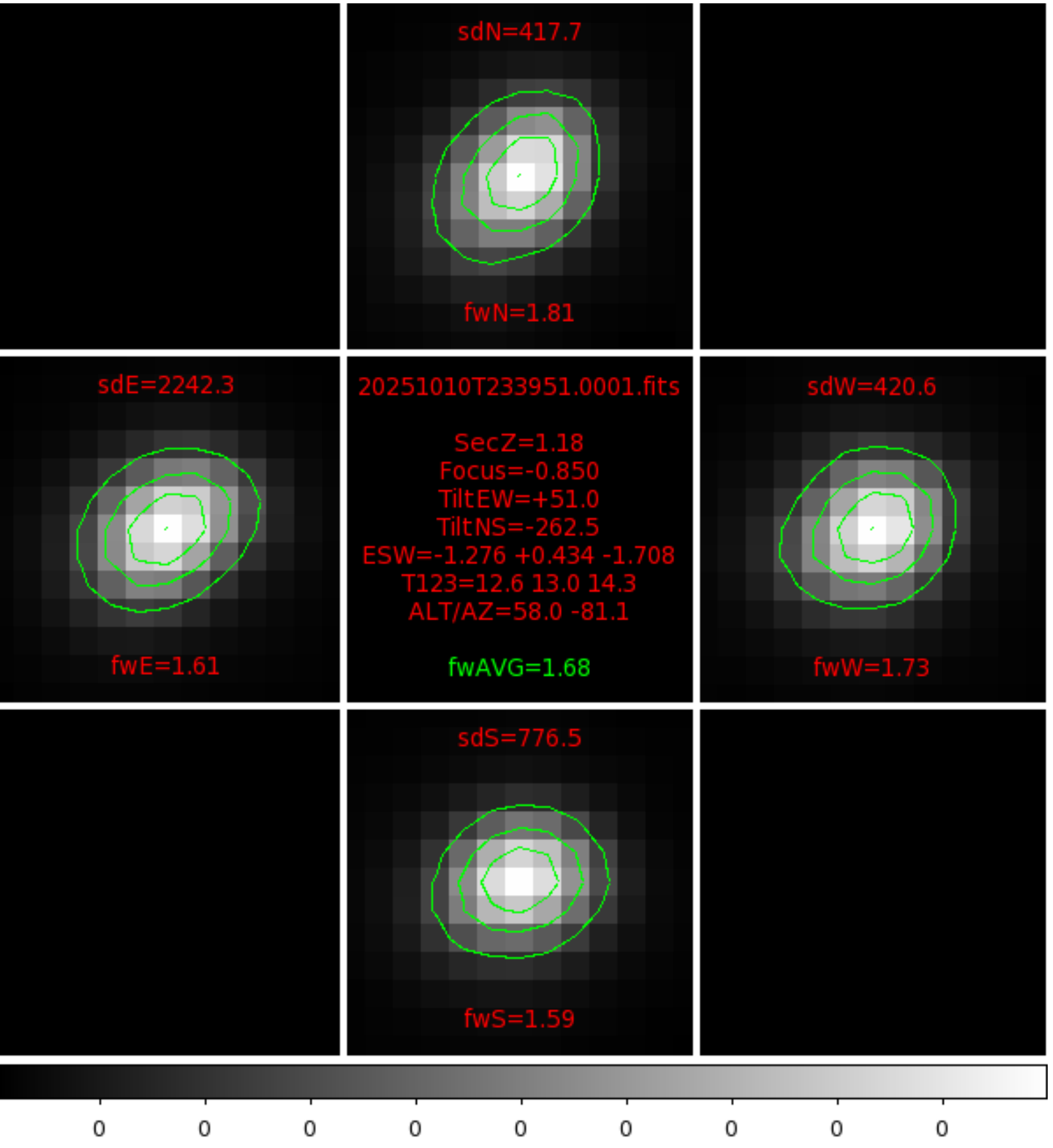

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-0.771 FOC=-0.727
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2025-10-11)
0
2
4
6
8
10
12
-2
-1.5
-1
-0.5
0
0.5
1
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00


sdN=417.7
fwN=1.81
sdE=2242.3
fwE=1.61
20251010T233951.0001.fits
SecZ=1.18
Focus=-0.850
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.276 +0.434 -1.708
T123=12.6 13.0 14.3
ALT/AZ=58.0 -81.1
fwAVG=1.68
sdW=420.6
fwW=1.73
sdS=776.5
fwS=1.59
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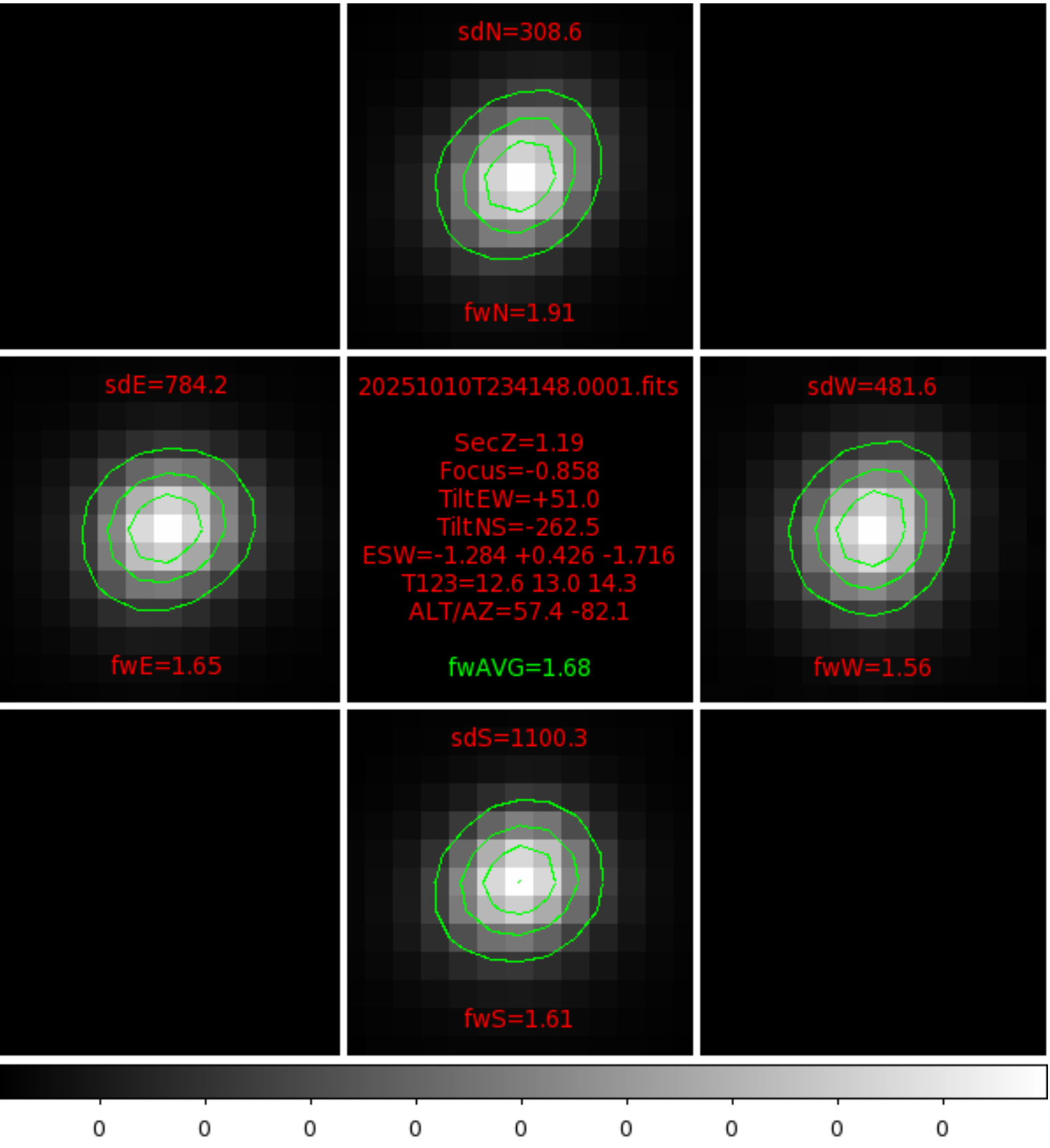
sdN=308.6
fwN=1.91
sdE=784.2
fwE=1.65
20251010T234148.0001.fits
SecZ=1.19
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.6 13.0 14.3
ALT/AZ=57.4 -82.1
fwAVG=1.68
sdW=481.6
fwW=1.56
sdS=1100.3
fwS=1.61
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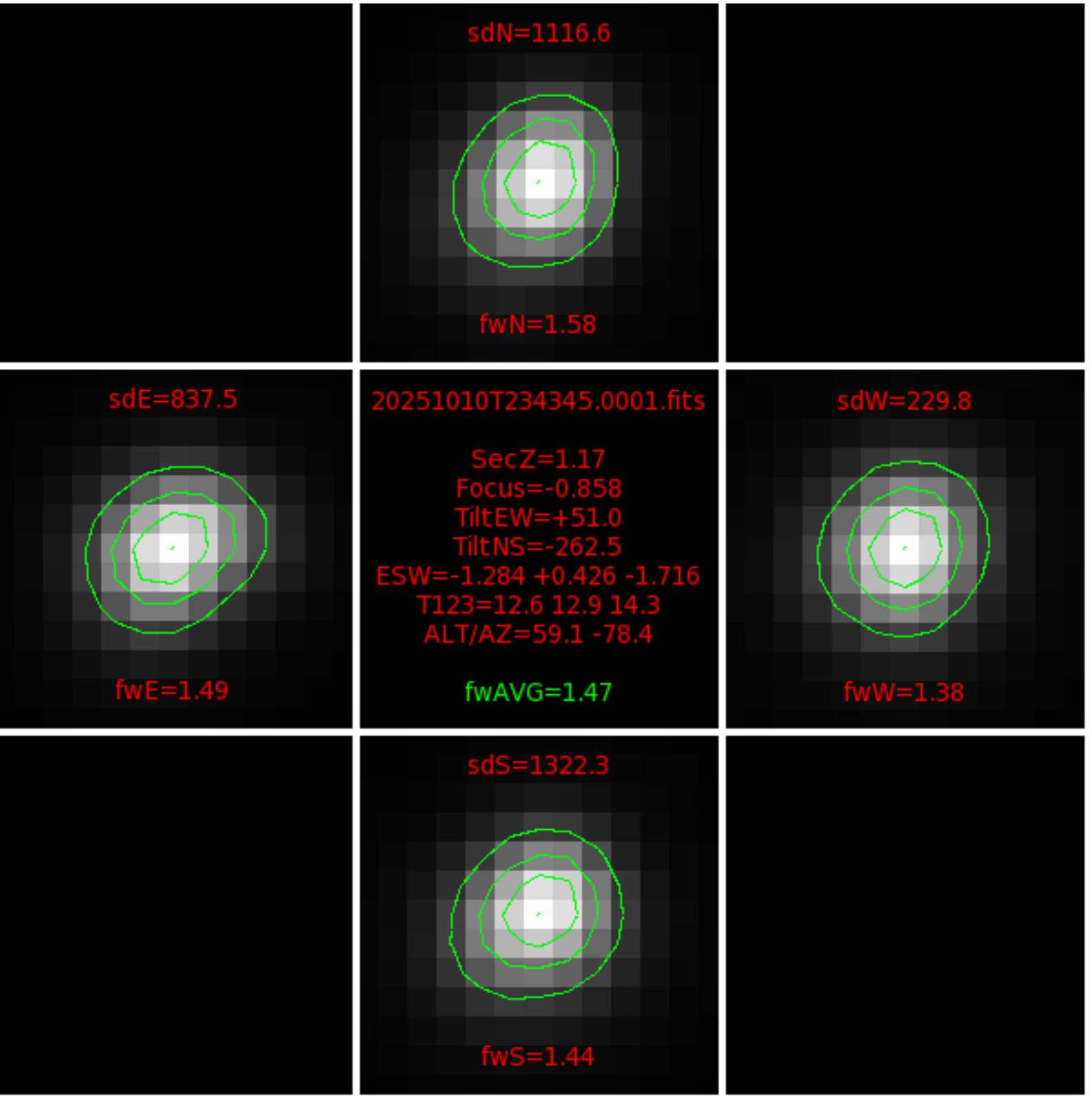
sdN=1116.6
fwN=1.58
sdE=837.5
fwE=1.49
20251010T234345.0001.fits
SecZ=1.17
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.6 12.9 14.3
ALT/AZ=59.1 -78.4
fwAVG=1.47
sdW=229.8
fwW=1.38
sdS=1322.3
fwS=1.44
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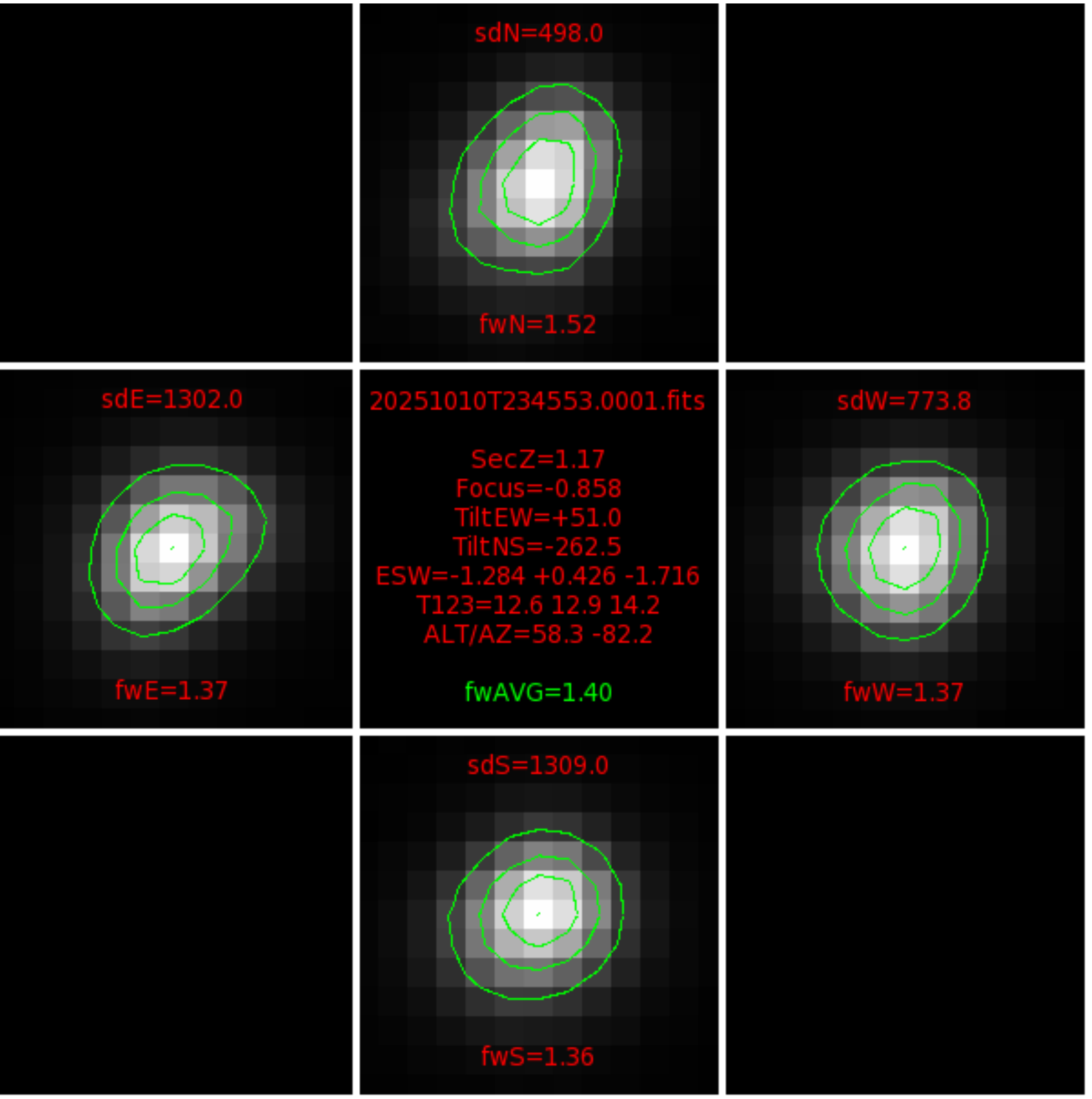
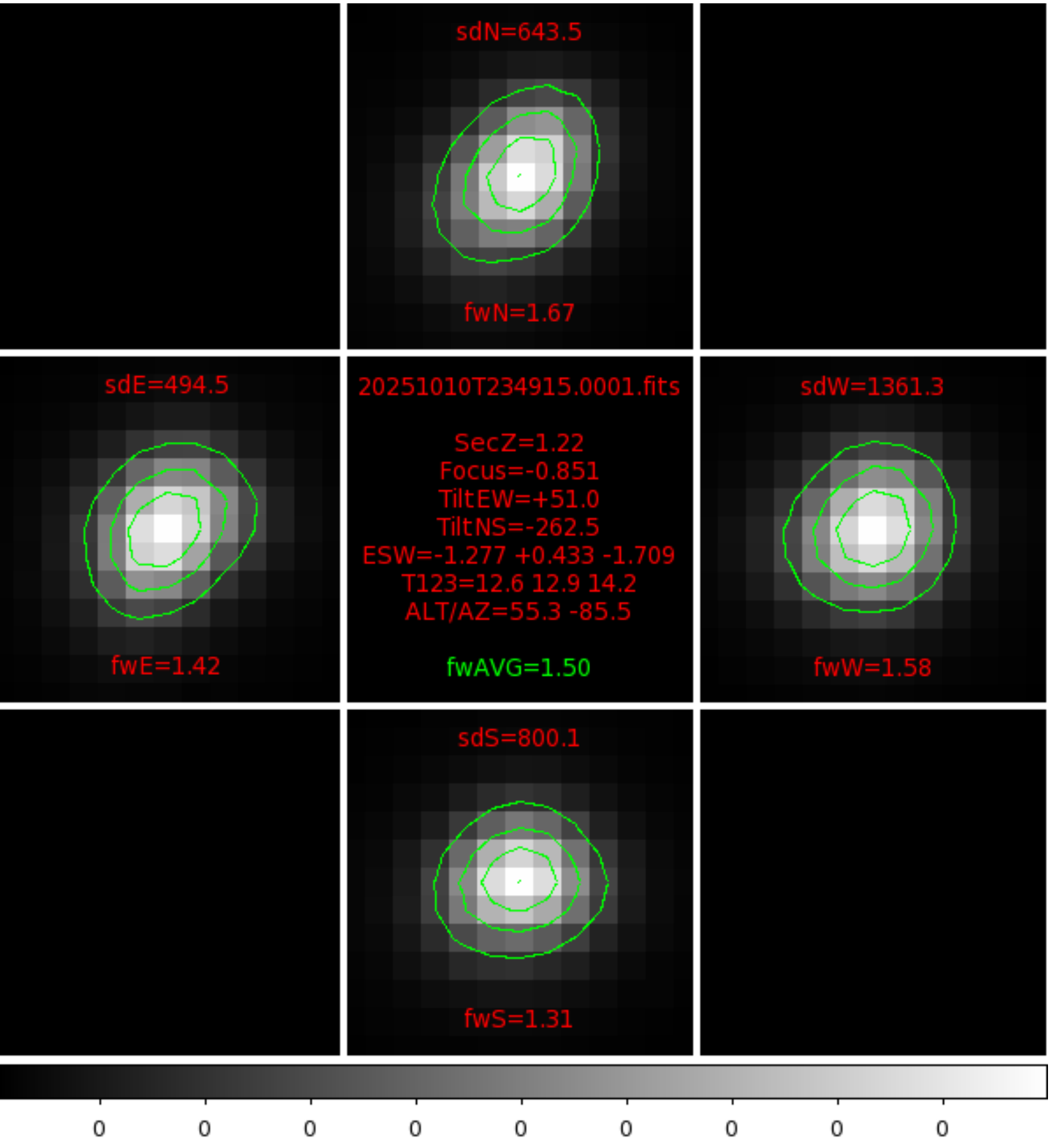

sdN=498.0
fwN=1.52
sdE=1302.0
fwE=1.37
20251010T234553.0001.fits
SecZ=1.17
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.6 12.9 14.2
ALT/AZ=58.3 -82.2
fwAVG=1.40
sdW=773.8
fwW=1.37
sdS=1309.0
fwS=1.36
0 0 0 0 0 0 0 0 0


sdN=643.5
fwN=1.67
sdE=494.5
fwE=1.42
20251010T234915.0001.fits
SecZ=1.22
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.6 12.9 14.2
ALT/AZ=55.3 -85.5
fwAVG=1.50
sdW=1361.3
fwW=1.58
sdS=800.1
fwS=1.31
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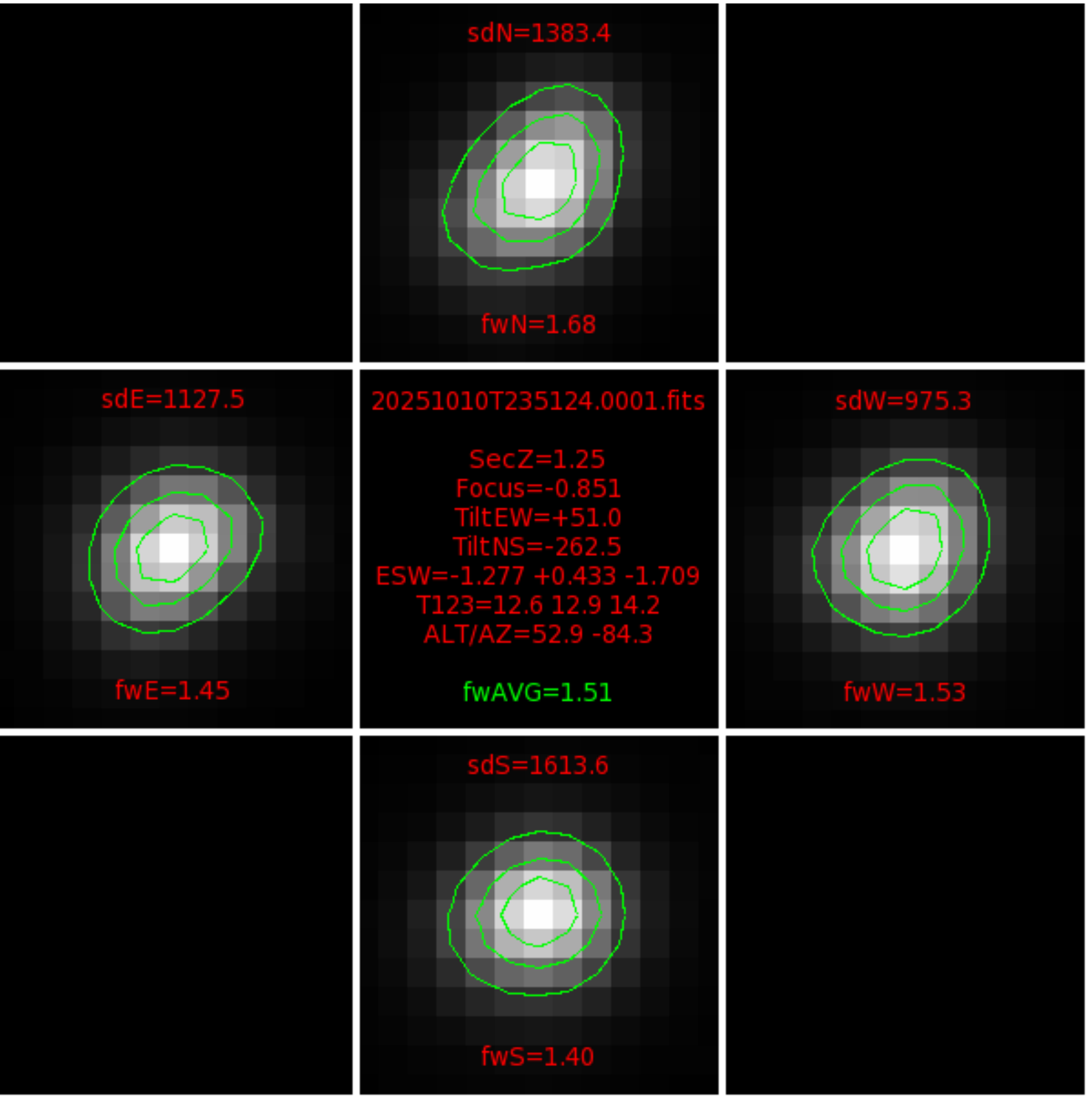
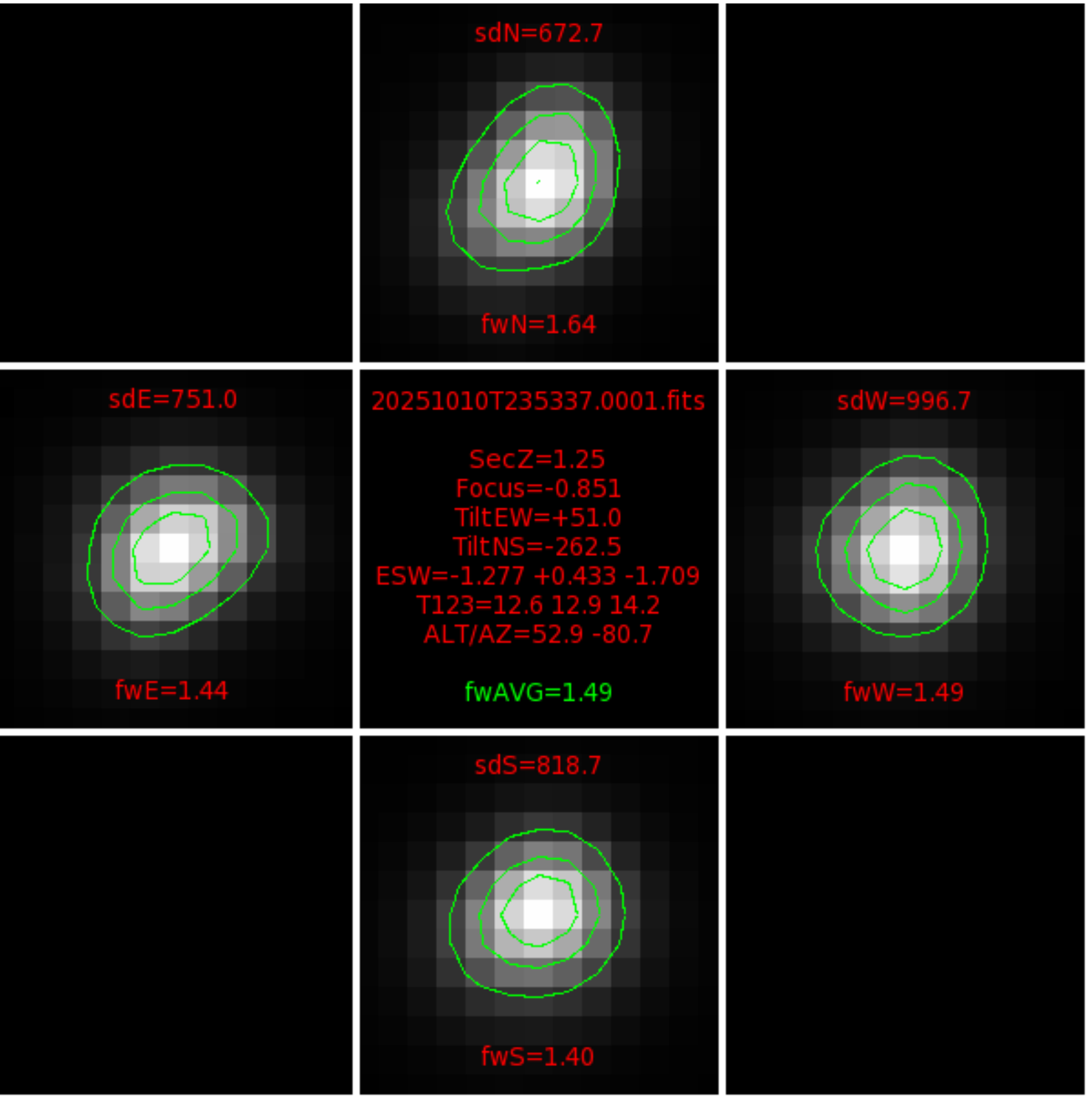

sdN=1383.4
fwN=1.68
sdE=1127.5
fwE=1.45
20251010T235124.0001.fits
SecZ=1.25
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.6 12.9 14.2
ALT/AZ=52.9 -84.3
fwAVG=1.51
sdW=975.3
fwW=1.53
sdS=1613.6
fwS=1.40
0 0 0 0 0 0 0 0 0


sdN=672.7
fwN=1.64
sdE=751.0
fwE=1.44
20251010T235337.0001.fits
SecZ=1.25
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.6 12.9 14.2
ALT/AZ=52.9 -80.7
fwAVG=1.49
sdW=996.7
fwW=1.49
sdS=818.7
fwS=1.40
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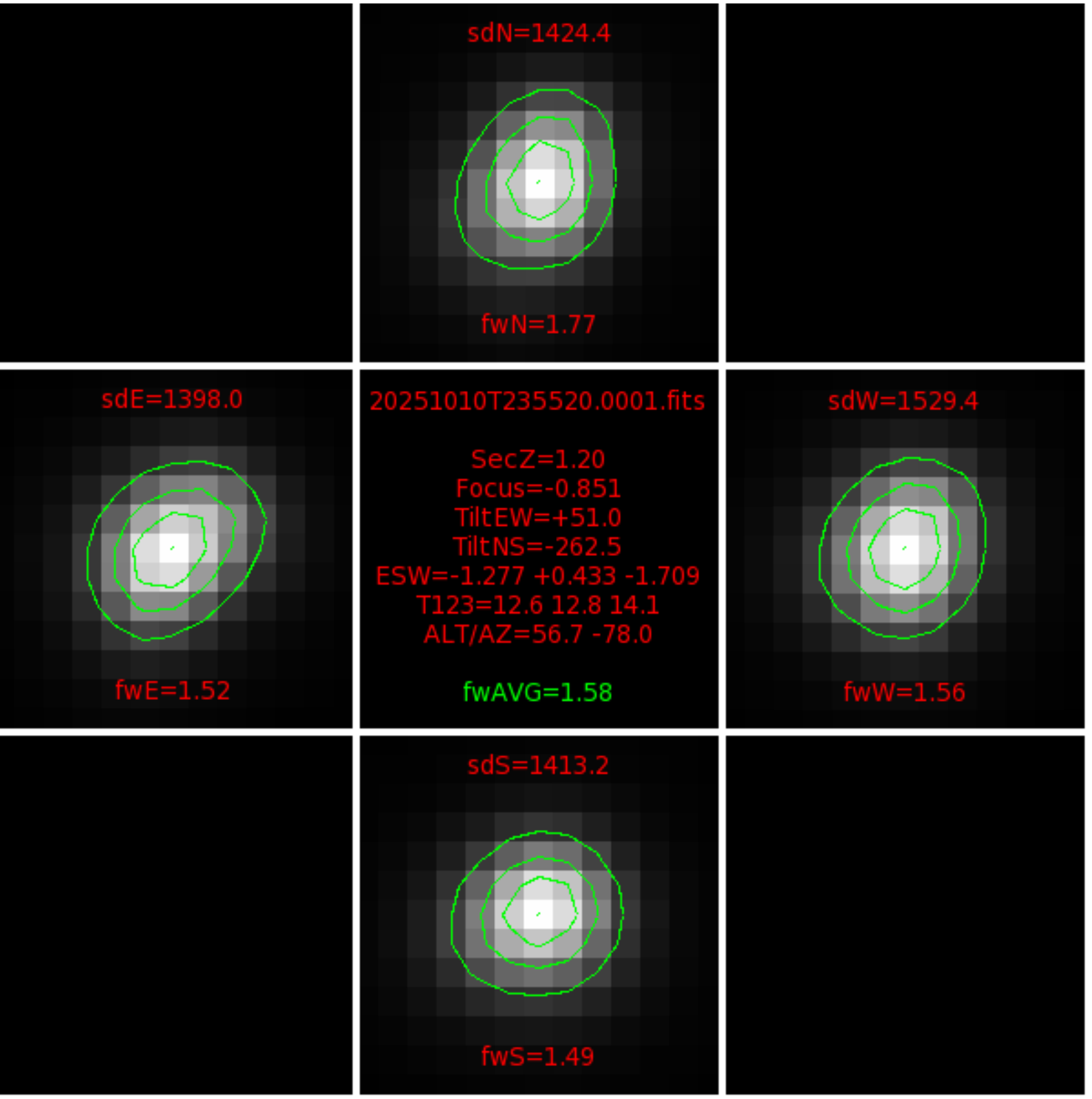
sdN=1424.4
fwN=1.77
sdE=1398.0
fwE=1.52
20251010T235520.0001.fits
SecZ=1.20
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.6 12.8 14.1
ALT/AZ=56.7 -78.0
fwAVG=1.58
sdW=1529.4
fwW=1.56
sdS=1413.2
fwS=1.49
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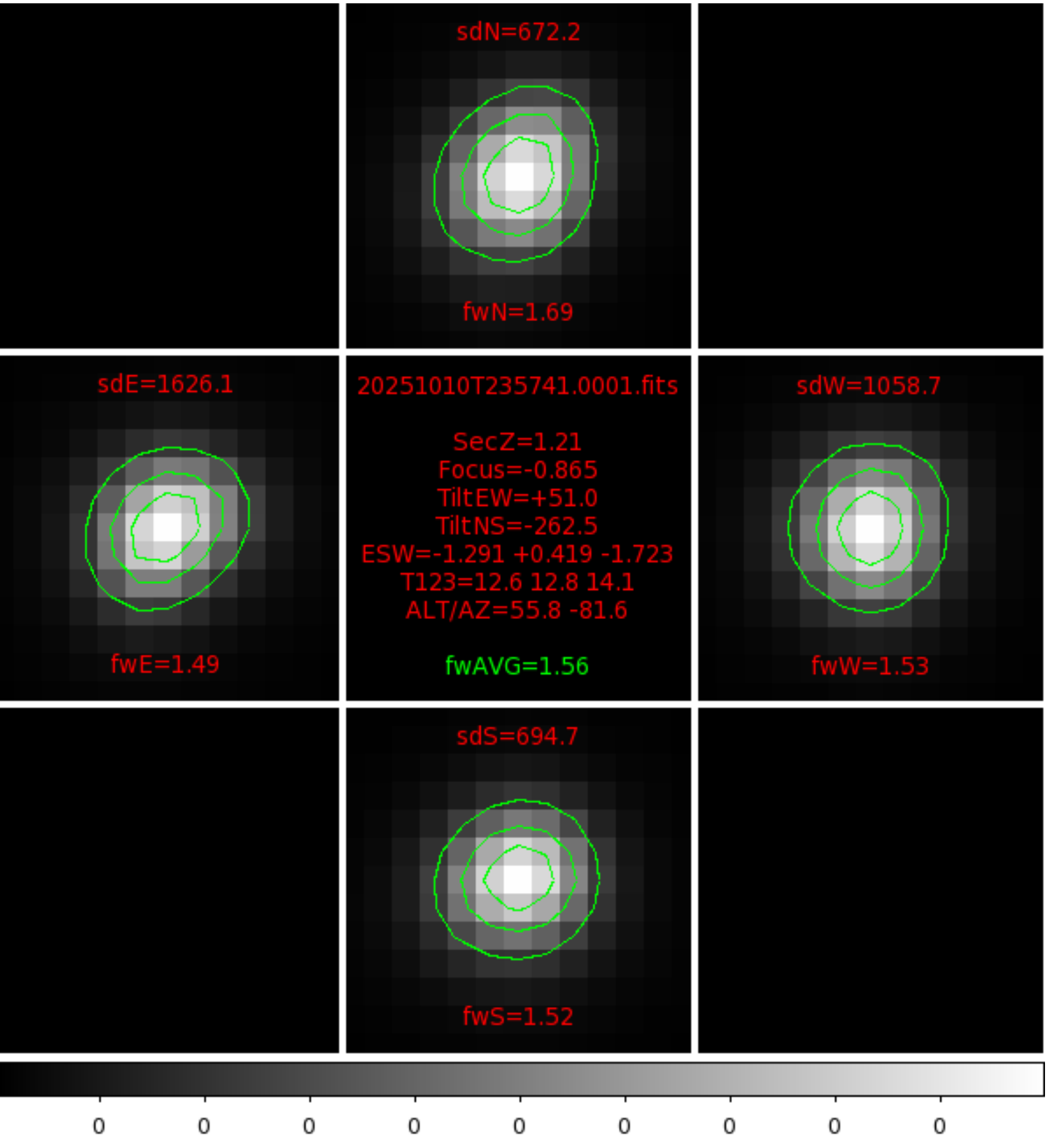
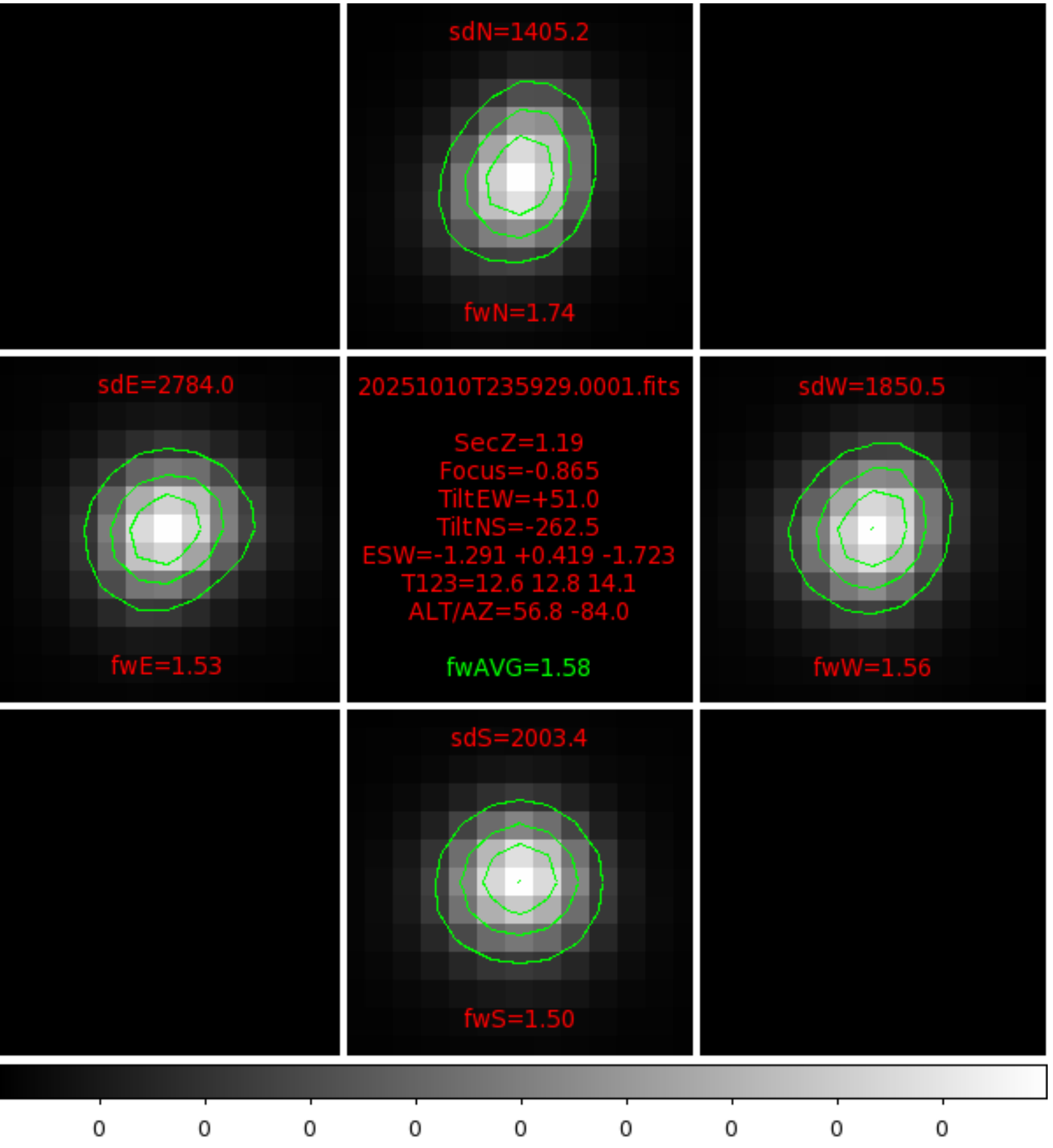

sdN=672.2
fwN=1.69
sdE=1626.1
fwE=1.49
20251010T235741.0001.fits
SecZ=1.21
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.6 12.8 14.1
ALT/AZ=55.8 -81.6
fwAVG=1.56
sdW=1058.7
fwW=1.53
sdS=694.7
fwS=1.52
0 0 0 0 0 0 0 0 0


sdN=1405.2
fwN=1.74
sdE=2784.0
fwE=1.53
20251010T235929.0001.fits
SecZ=1.19
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.6 12.8 14.1
ALT/AZ=56.8 -84.0
fwAVG=1.58
sdW=1850.5
fwW=1.56
sdS=2003.4
fwS=1.50
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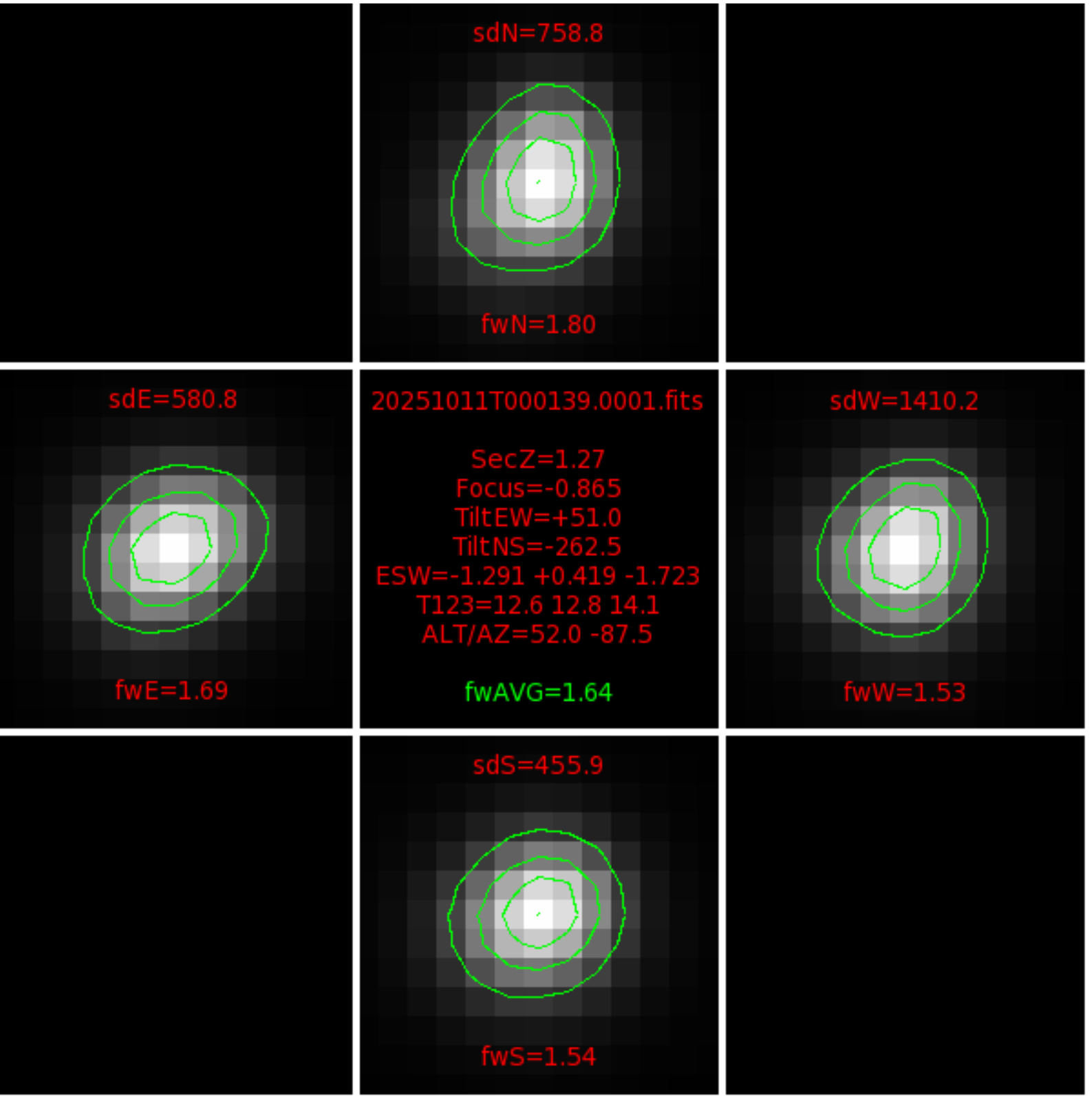
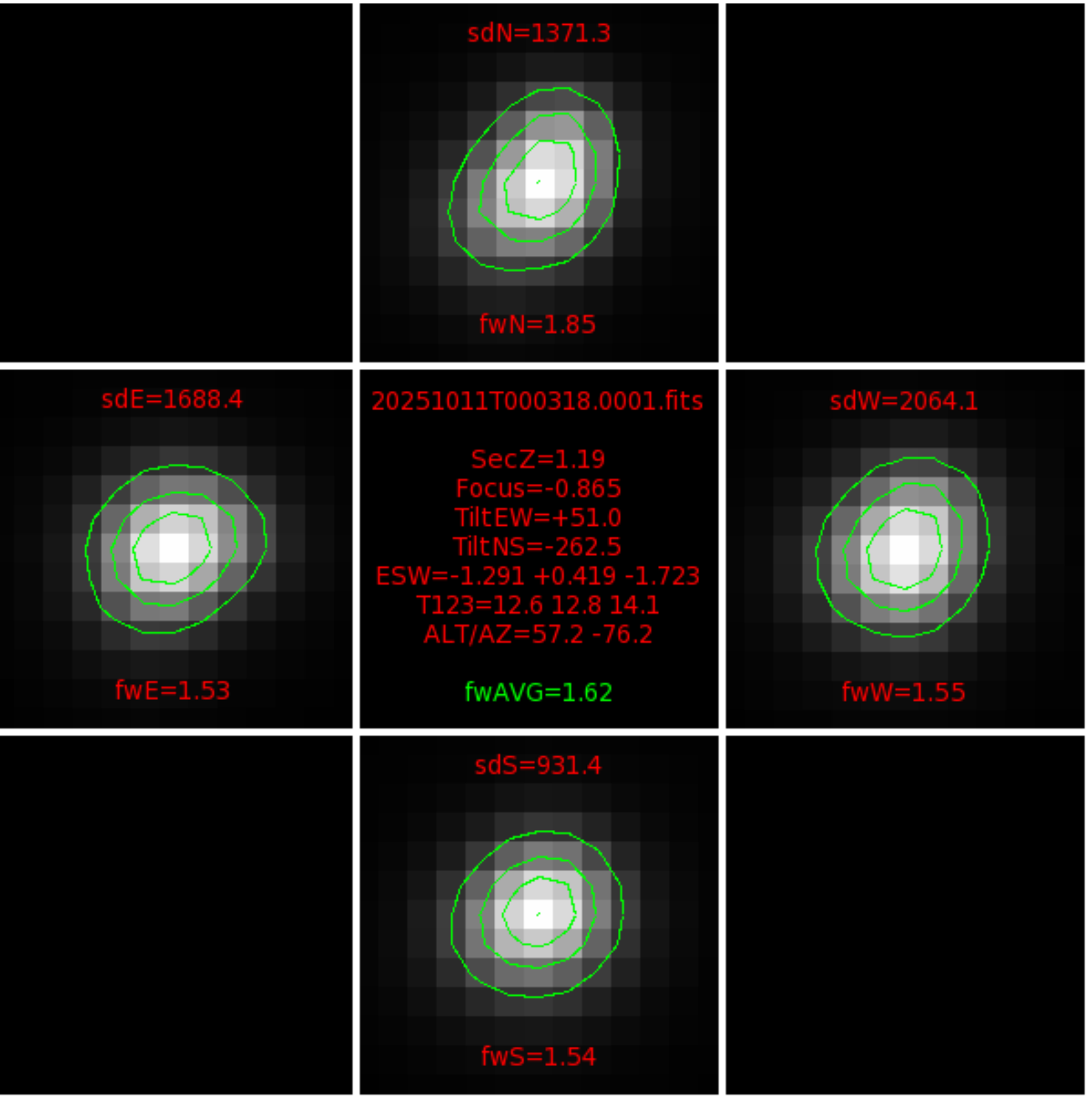

sdN=758.8
fwN=1.80
sdE=580.8
fwE=1.69
20251011T000139.0001.fits
SecZ=1.27
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.6 12.8 14.1
ALT/AZ=52.0 -87.5
fwAVG=1.64
sdW=1410.2
fwW=1.53
sdS=455.9
fwS=1.54
0 0 0 0 0 0 0 0 0


sdN=1371.3
fwN=1.85
sdE=1688.4
fwE=1.53
20251011T000318.0001.fits
SecZ=1.19
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.6 12.8 14.1
ALT/AZ=57.2 -76.2
fwAVG=1.62
sdW=2064.1
fwW=1.55
sdS=931.4
fwS=1.54
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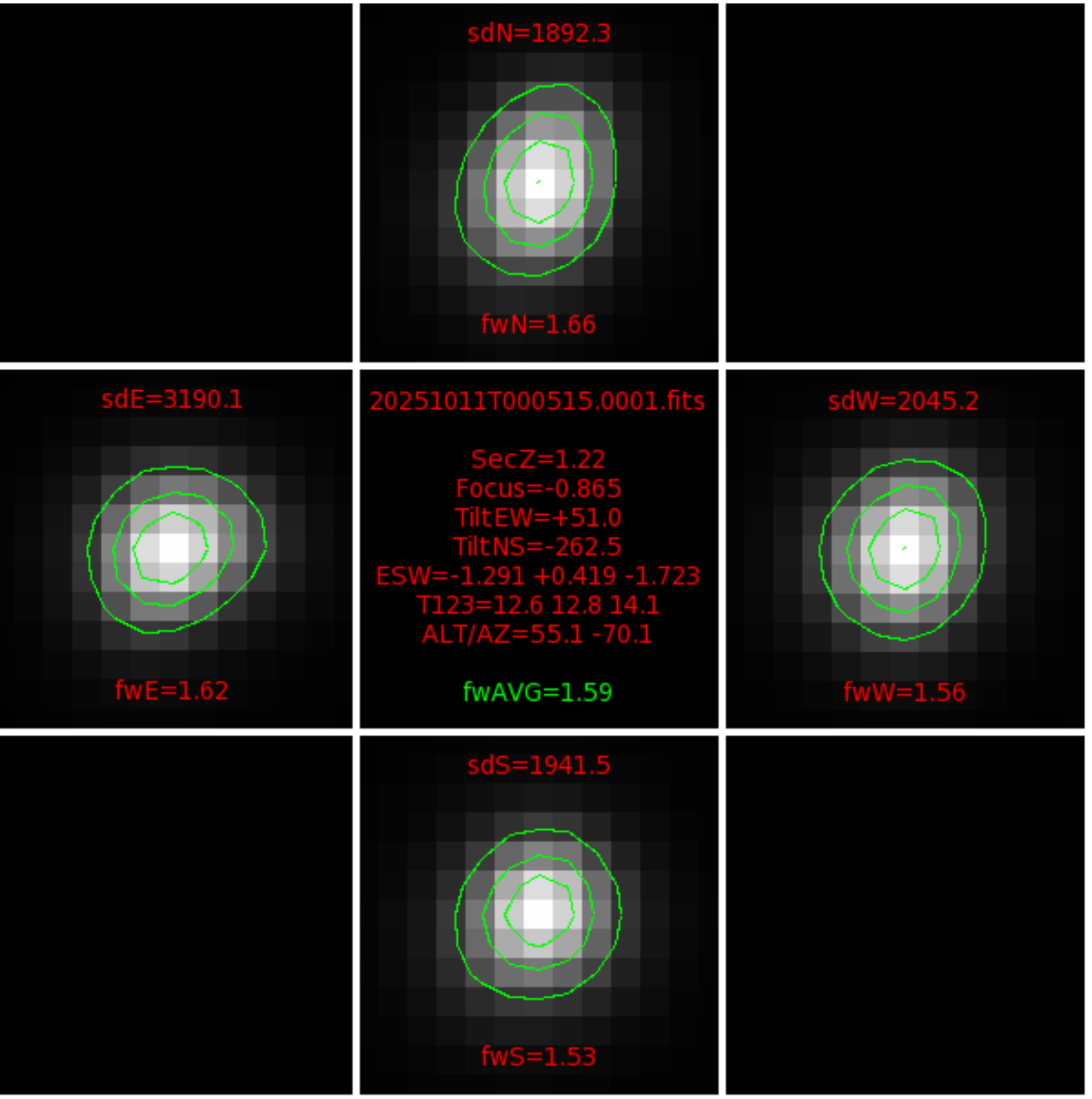
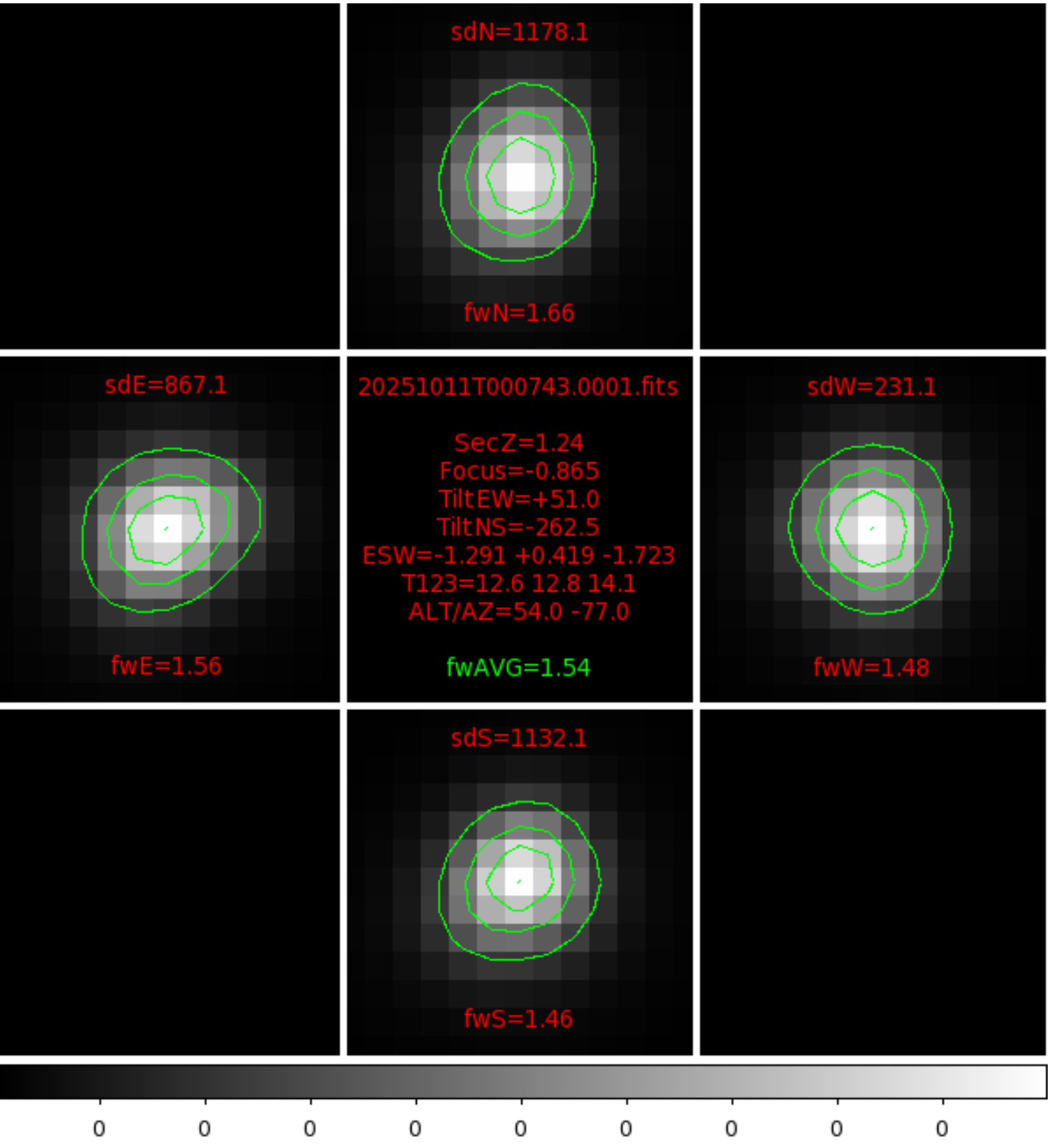

sdN=1892.3
fwN=1.66
sdE=3190.1
fwE=1.62
20251011T000515.0001.fits
SecZ=1.22
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.6 12.8 14.1
ALT/AZ=55.1 -70.1
fwAVG=1.59
sdW=2045.2
fwW=1.56
sdS=1941.5
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=1178.1
fwN=1.66
sdE=867.1
fwE=1.56
20251011T000743.0001.fits
SecZ=1.24
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.6 12.8 14.1
ALT/AZ=54.0 -77.0
fwAVG=1.54
sdW=231.1
fwW=1.48
sdS=1132.1
fwS=1.46
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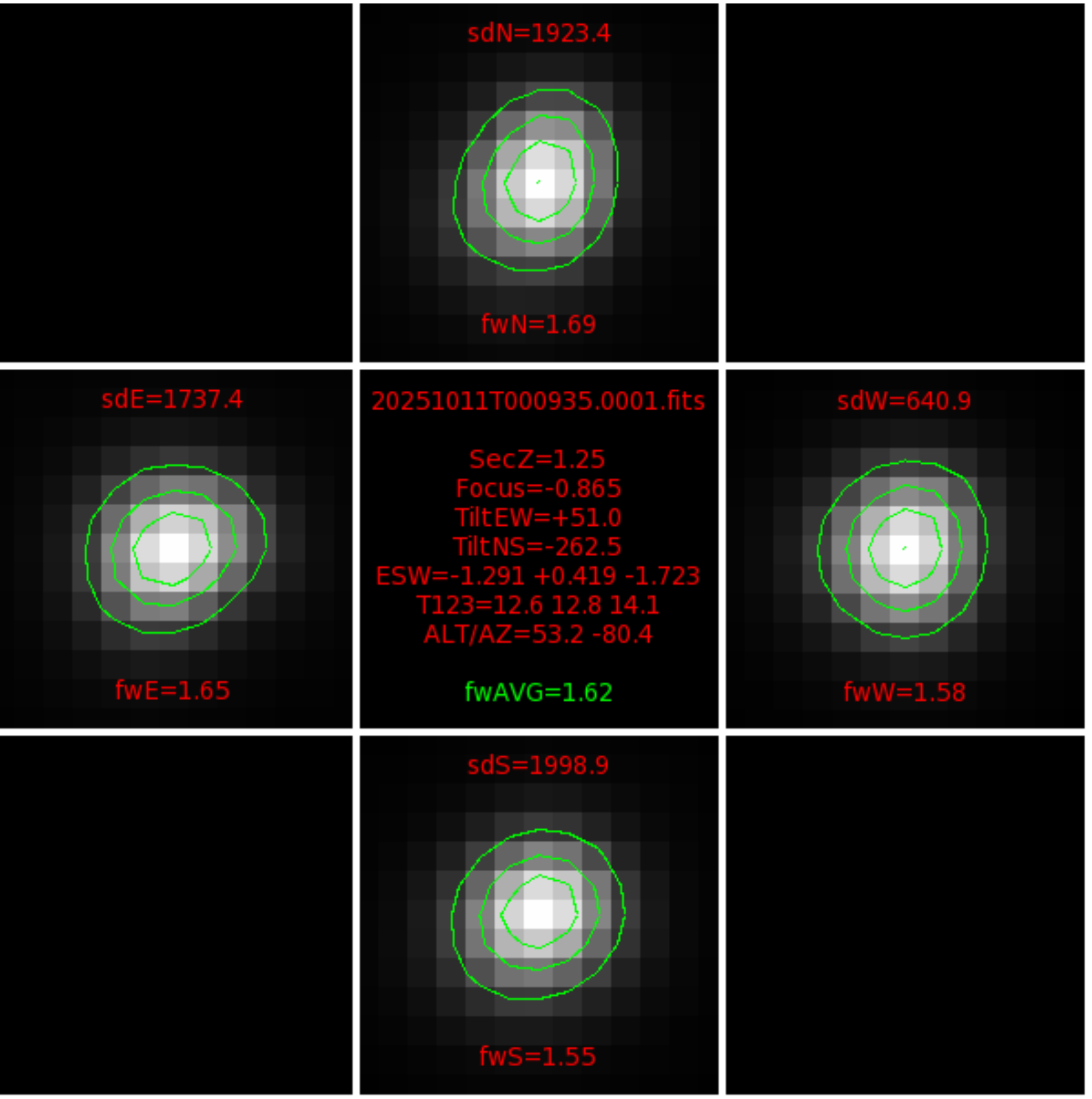
sdN=1923.4
fwN=1.69
sdE=1737.4
fwE=1.65
20251011T000935.0001.fits
SecZ=1.25
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.6 12.8 14.1
ALT/AZ=53.2 -80.4
fwAVG=1.62
sdW=640.9
fwW=1.58
sdS=1998.9
fwS=1.55
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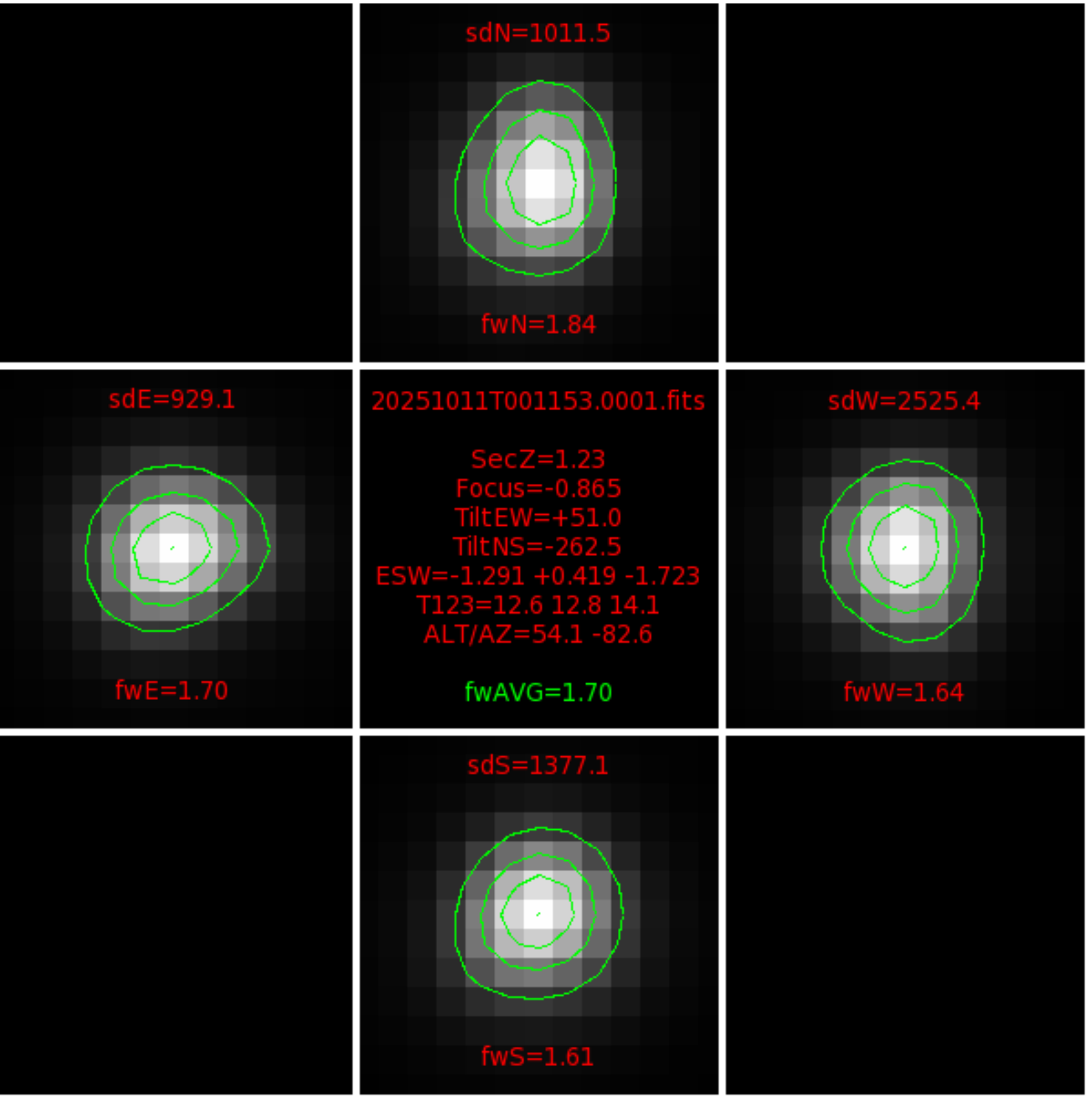
sdN=1011.5
fwN=1.84
sdE=929.1
fwE=1.70
20251011T001153.0001.fits
SecZ=1.23
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.6 12.8 14.1
ALT/AZ=54.1 -82.6
fwAVG=1.70
sdW=2525.4
fwW=1.64
sdS=1377.1
fwS=1.61
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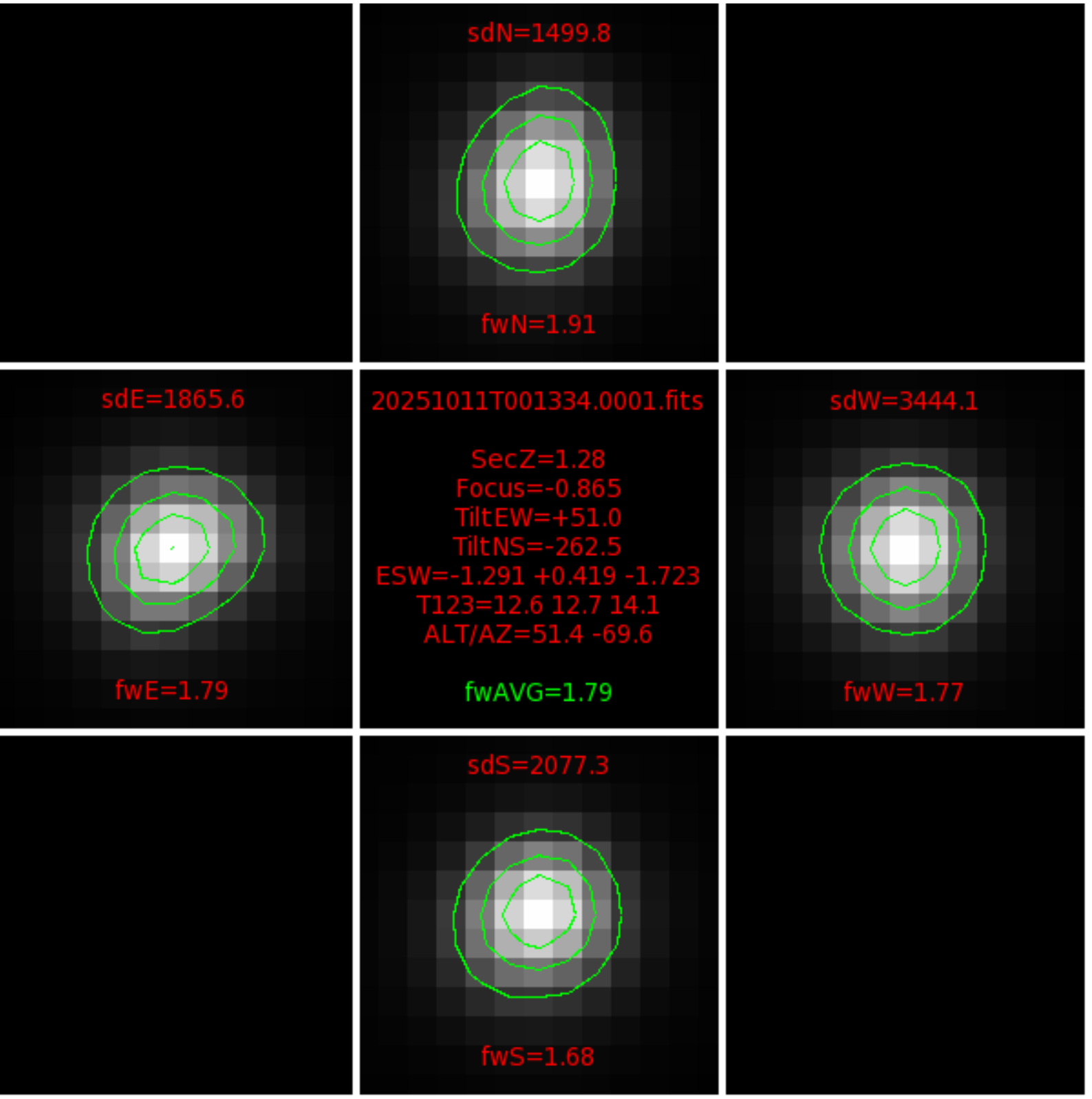
sdN=1499.8
fwN=1.91
sdE=1865.6
fwE=1.79
20251011T001334.0001.fits
SecZ=1.28
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.6 12.7 14.1
ALT/AZ=51.4 -69.6
fwAVG=1.79
sdW=3444.1
fwW=1.77
sdS=2077.3
fwS=1.68
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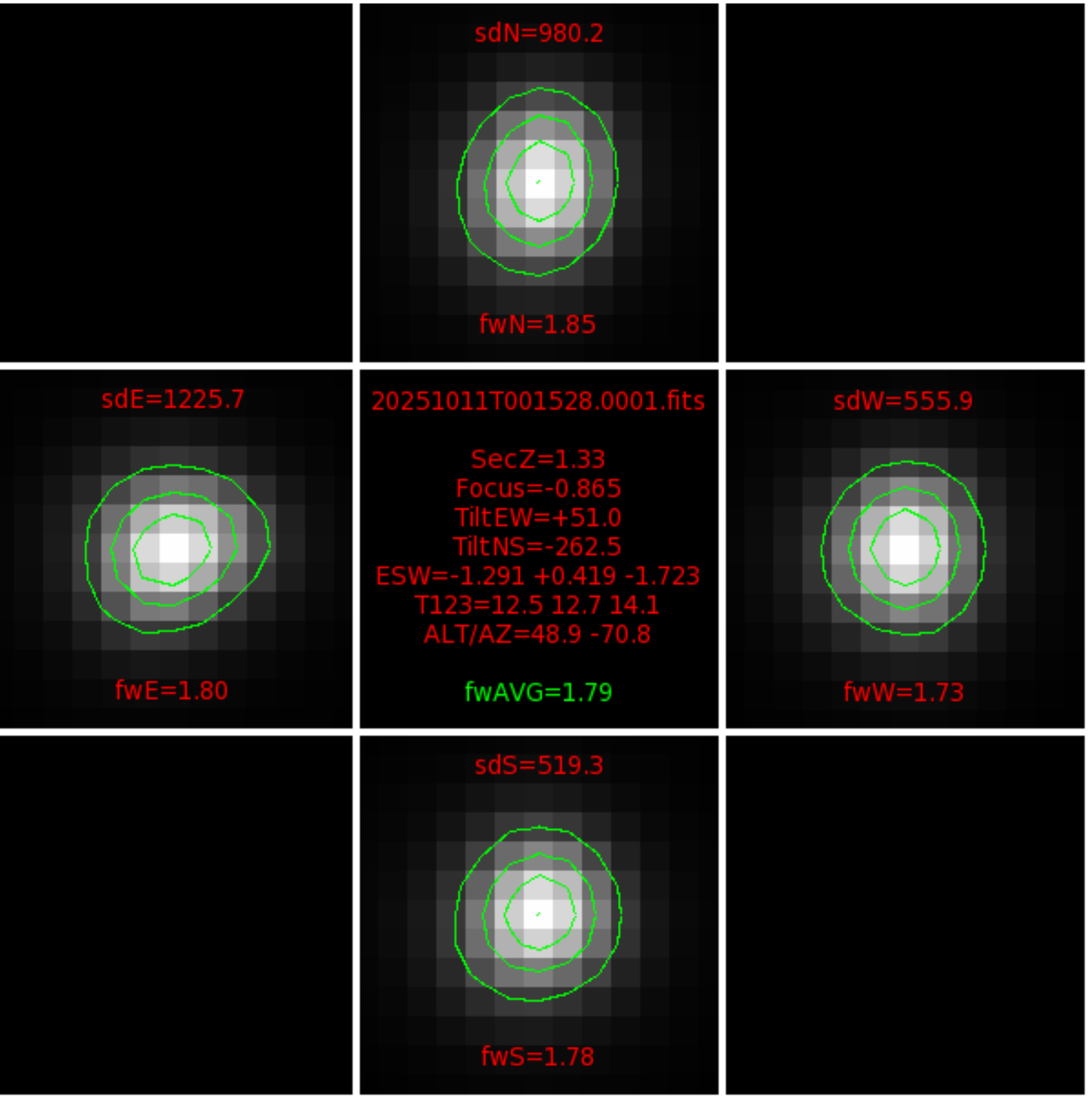
sdN=980.2
fwN=1.85
sdE=1225.7
fwE=1.80
20251011T001528.0001.fits
SecZ=1.33
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.5 12.7 14.1
ALT/AZ=48.9 -70.8
fwAVG=1.79
sdW=555.9
fwW=1.73
sdS=519.3
fwS=1.78
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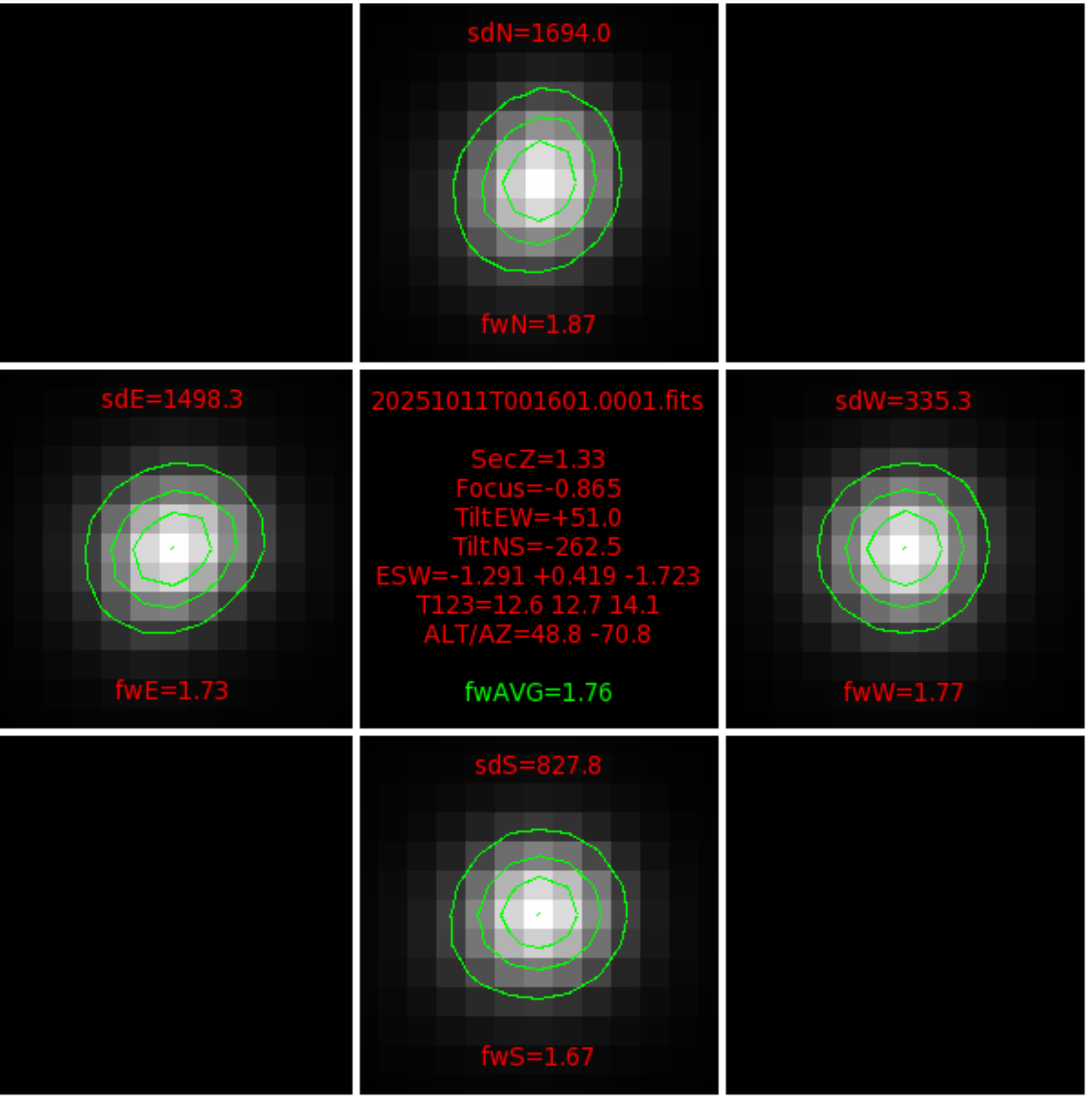
sdN=1694.0
fwN=1.87
sdE=1498.3
fwE=1.73
20251011T001601.0001.fits
SecZ=1.33
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.6 12.7 14.1
ALT/AZ=48.8 -70.8
fwAVG=1.76
sdW=335.3
fwW=1.77
sdS=827.8
fwS=1.67
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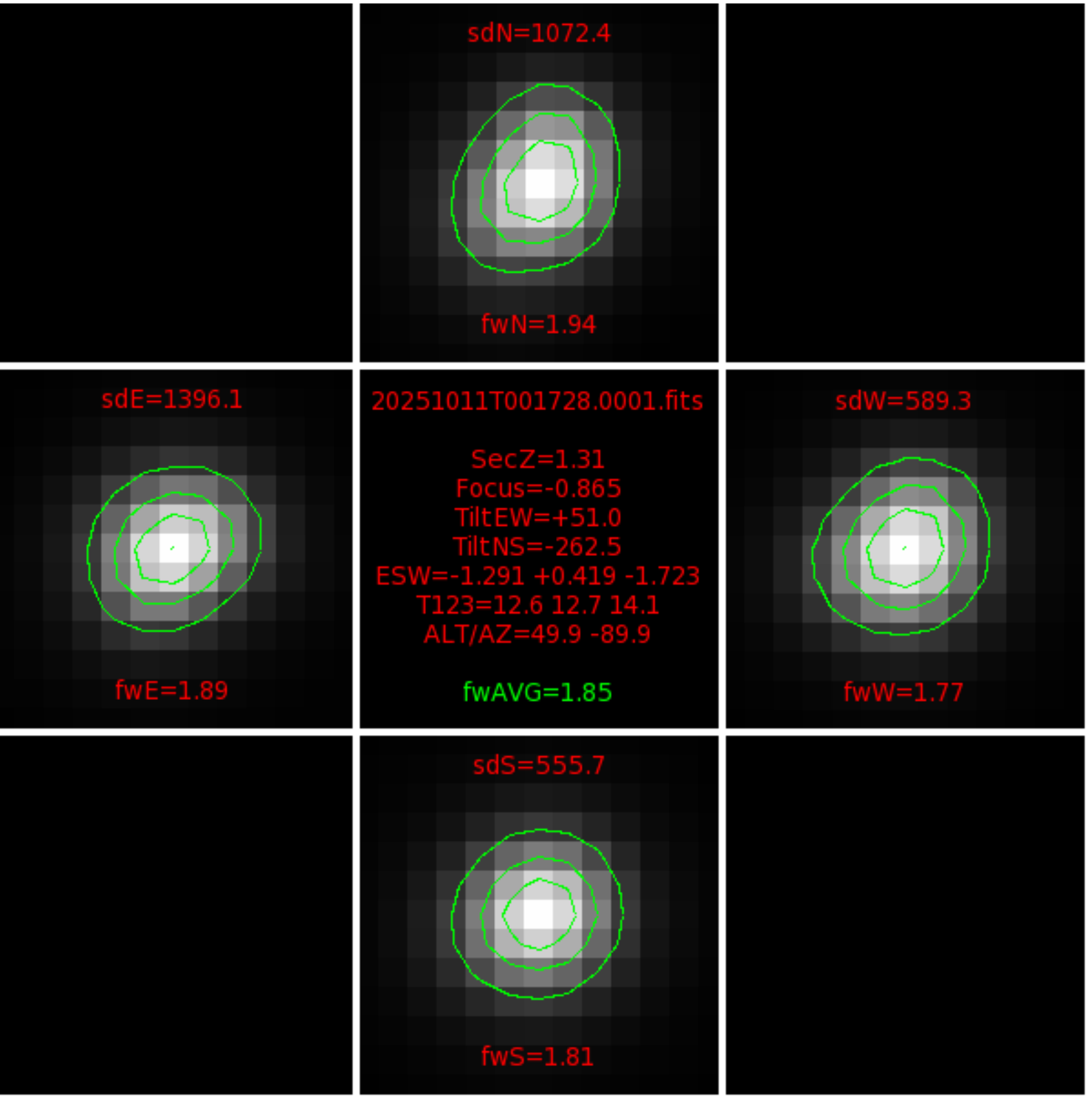
sdN=1072.4
fwN=1.94
sdE=1396.1
fwE=1.89
20251011T001728.0001.fits
SecZ=1.31
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.6 12.7 14.1
ALT/AZ=49.9 -89.9
fwAVG=1.85
sdW=589.3
fwW=1.77
sdS=555.7
fwS=1.81
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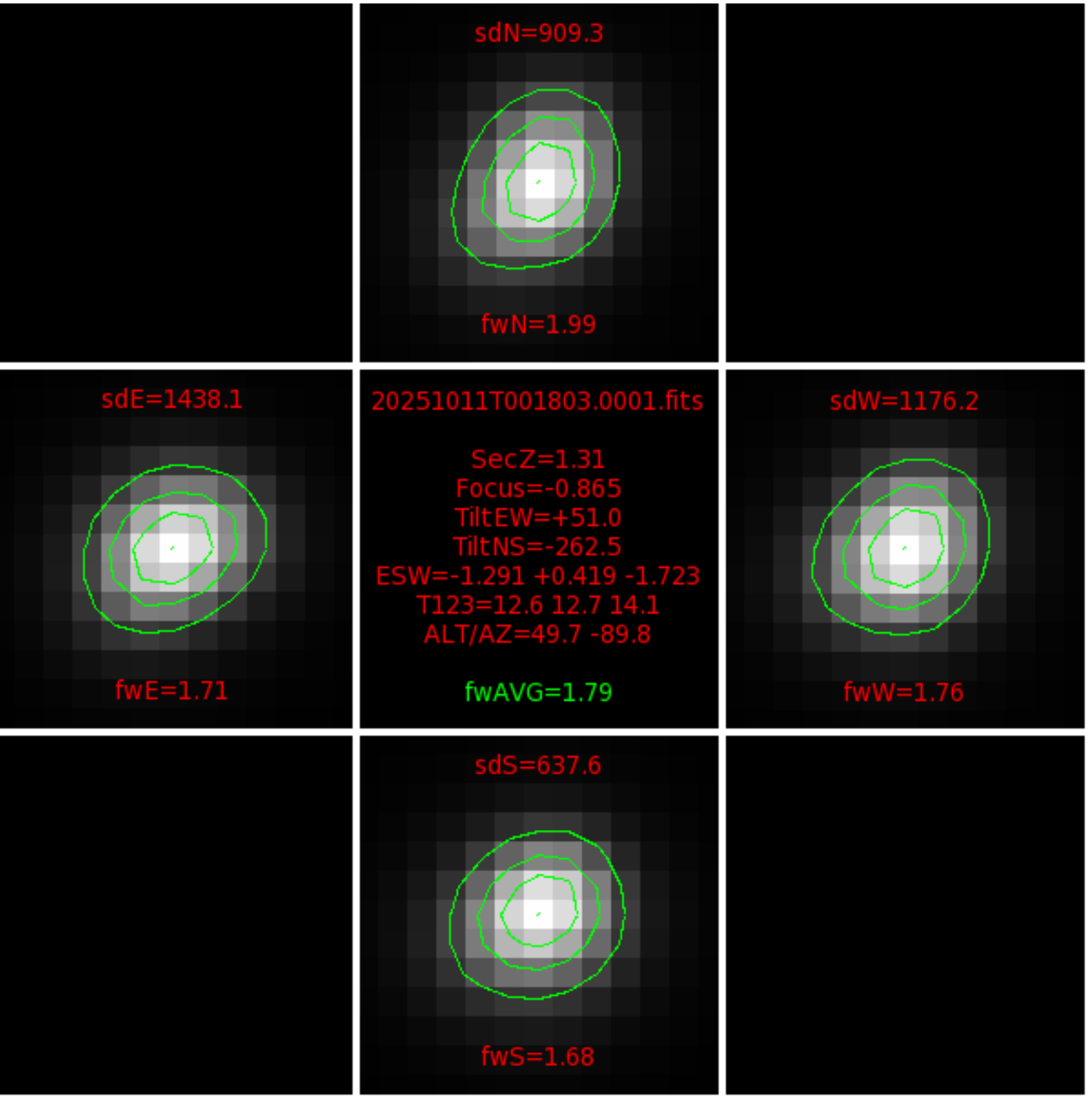
sdN=909.3
fwN=1.99
sdE=1438.1
fwE=1.71
20251011T001803.0001.fits
SecZ=1.31
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.6 12.7 14.1
ALT/AZ=49.7 -89.8
fwAVG=1.79
sdW=1176.2
fwW=1.76
sdS=637.6
fwS=1.68
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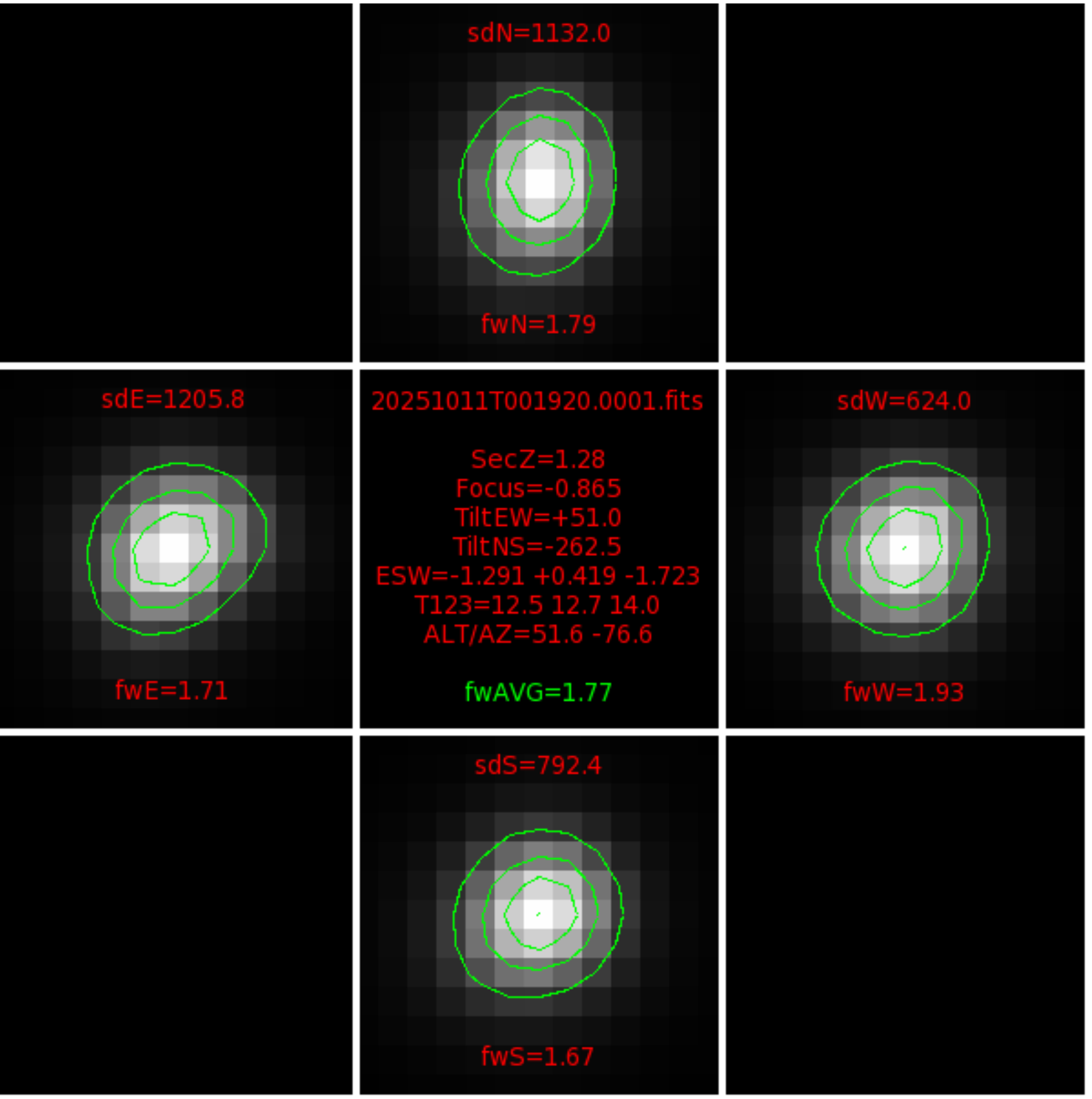
sdN=1132.0
fwN=1.79
sdE=1205.8
fwE=1.71
20251011T001920.0001.fits
SecZ=1.28
Focus=-0.865
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.291 +0.419 -1.723
T123=12.5 12.7 14.0
ALT/AZ=51.6 -76.6
fwAVG=1.77
sdW=624.0
fwW=1.93
sdS=792.4
fwS=1.67
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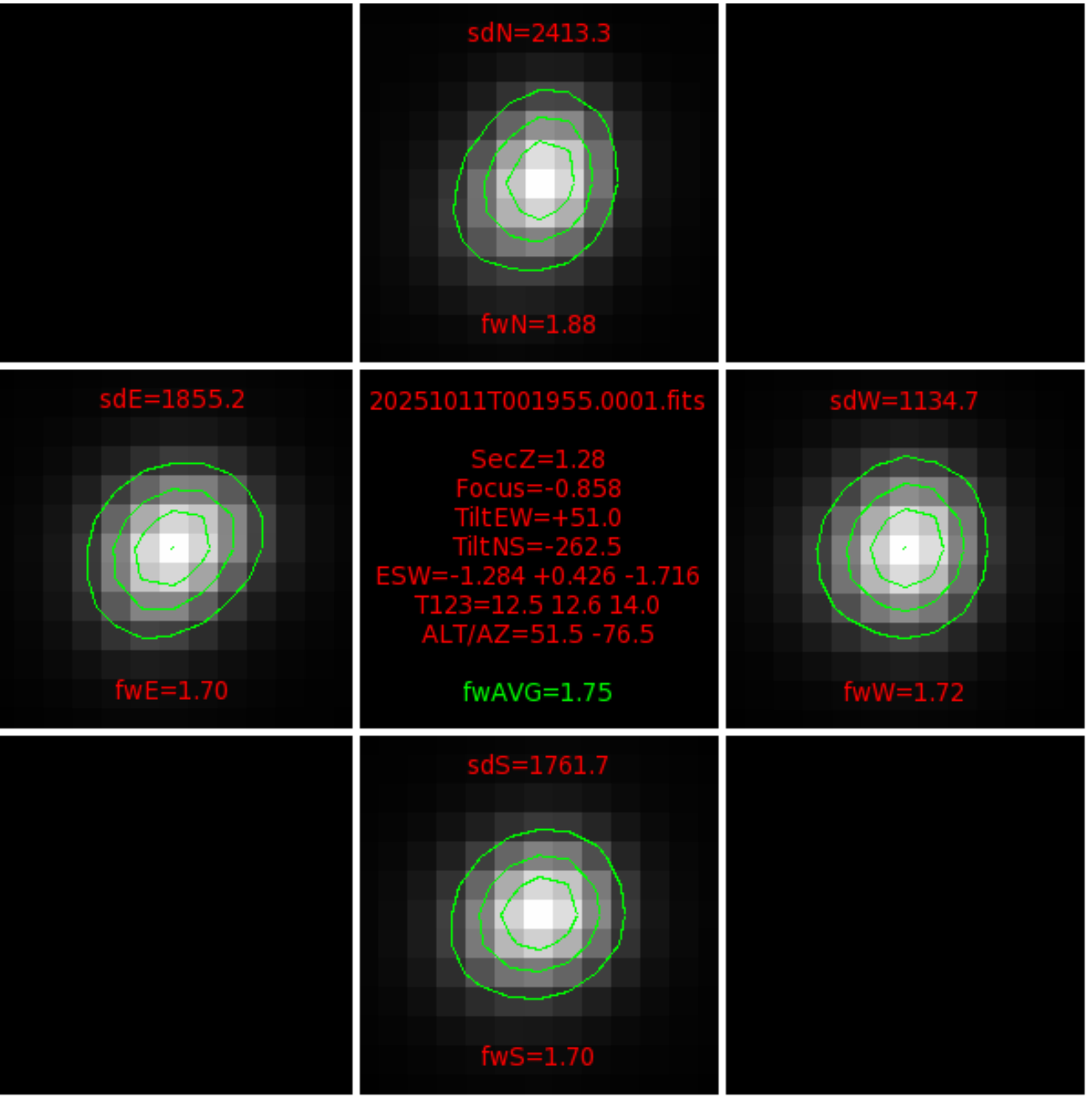
sdN=2413.3
fwN=1.88
sdE=1855.2
fwE=1.70
20251011T001955.0001.fits
SecZ=1.28
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.6 14.0
ALT/AZ=51.5 -76.5
fwAVG=1.75
sdW=1134.7
fwW=1.72
sdS=1761.7
fwS=1.70
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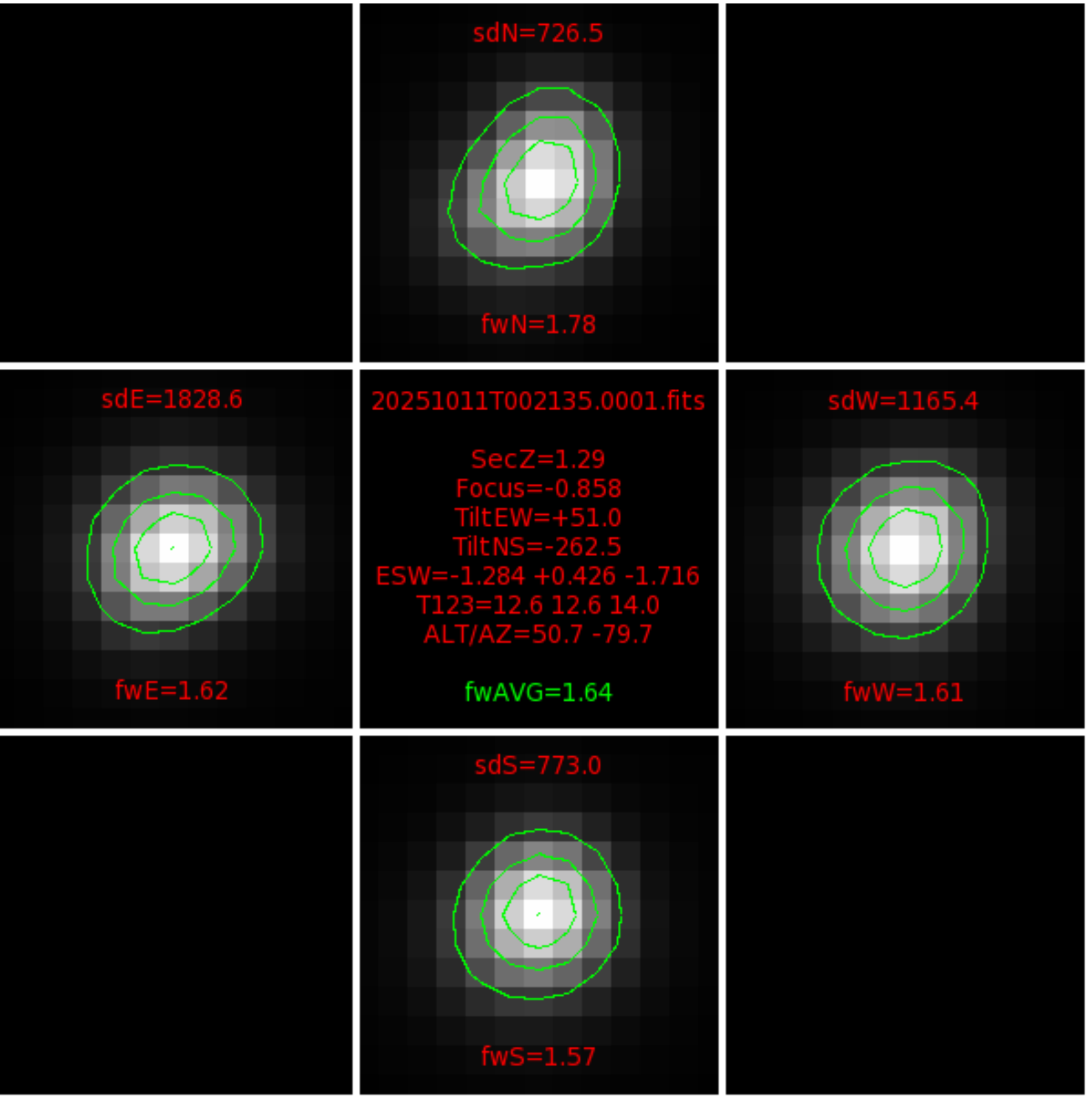
sdN=726.5
fwN=1.78
sdE=1828.6
fwE=1.62
20251011T002135.0001.fits
SecZ=1.29
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.6 12.6 14.0
ALT/AZ=50.7 -79.7
fwAVG=1.64
sdW=1165.4
fwW=1.61
sdS=773.0
fwS=1.57
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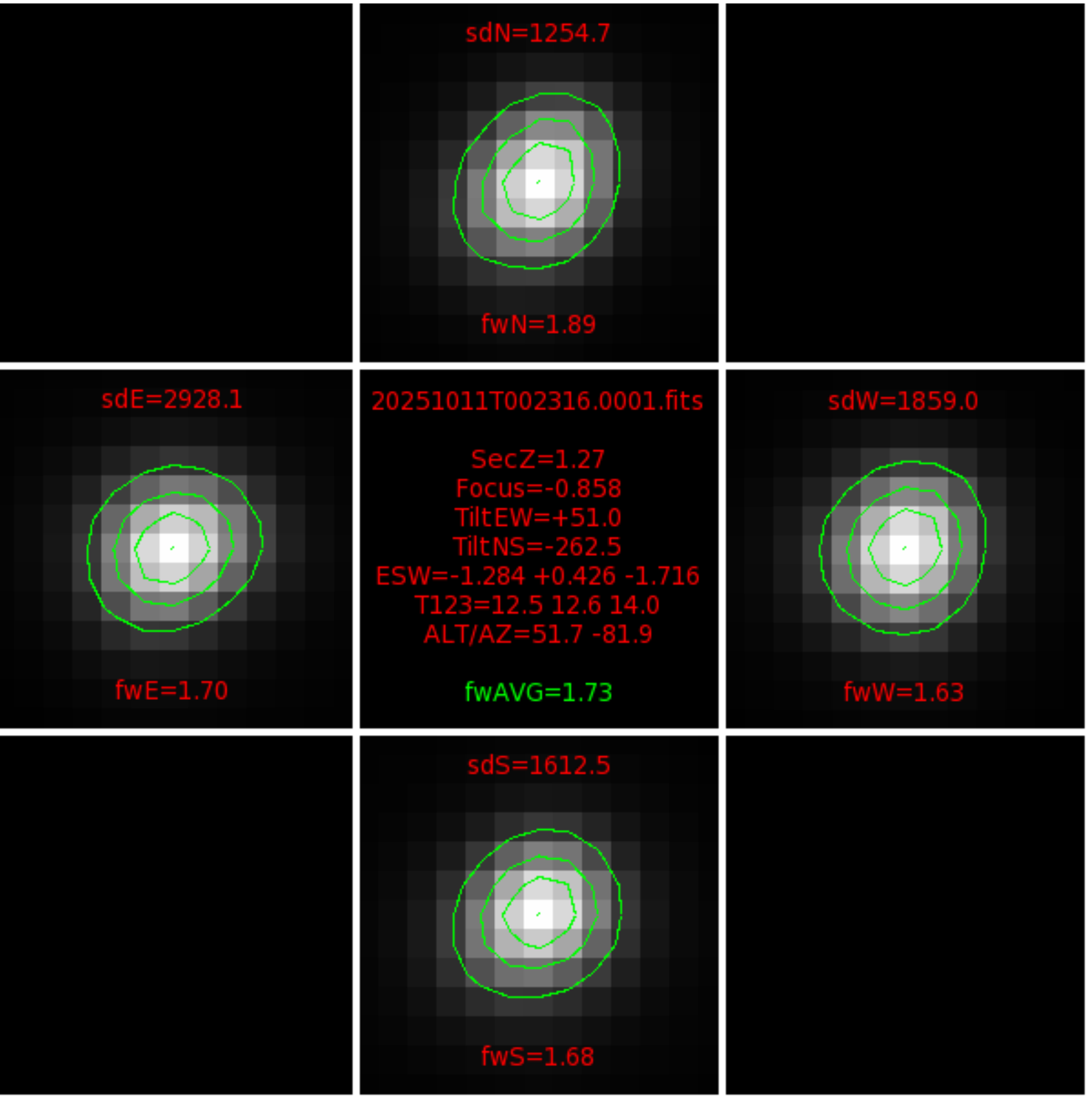
sdN=1254.7
fwN=1.89
sdE=2928.1
fwE=1.70
20251011T002316.0001.fits
SecZ=1.27
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.6 14.0
ALT/AZ=51.7 -81.9
fwAVG=1.73
sdW=1859.0
fwW=1.63
sdS=1612.5
fwS=1.68
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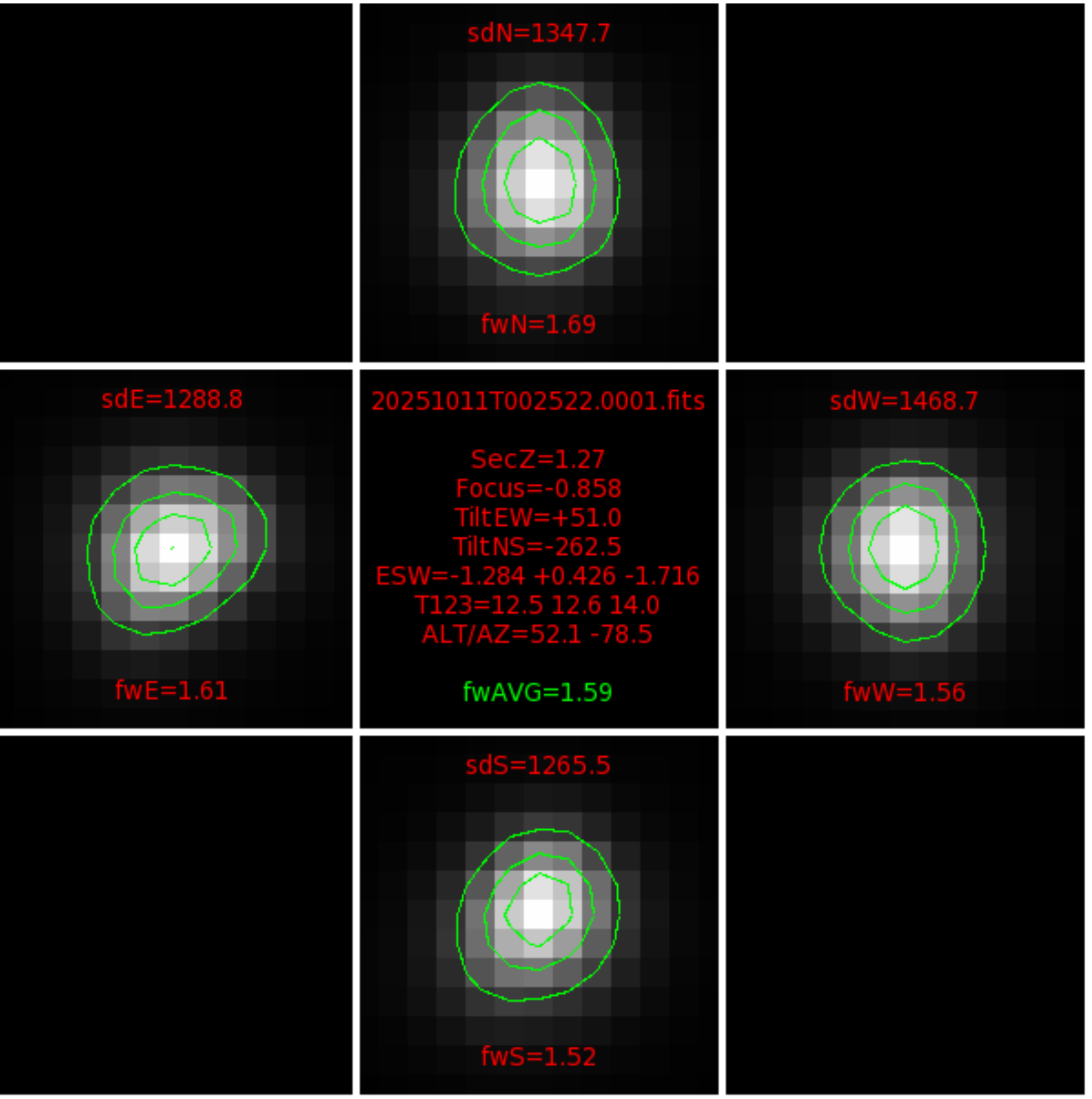
sdN=1347.7
fwN=1.69
sdE=1288.8
fwE=1.61
20251011T002522.0001.fits
SecZ=1.27
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.6 14.0
ALT/AZ=52.1 -78.5
fwAVG=1.59
sdW=1468.7
fwW=1.56
sdS=1265.5
fwS=1.52
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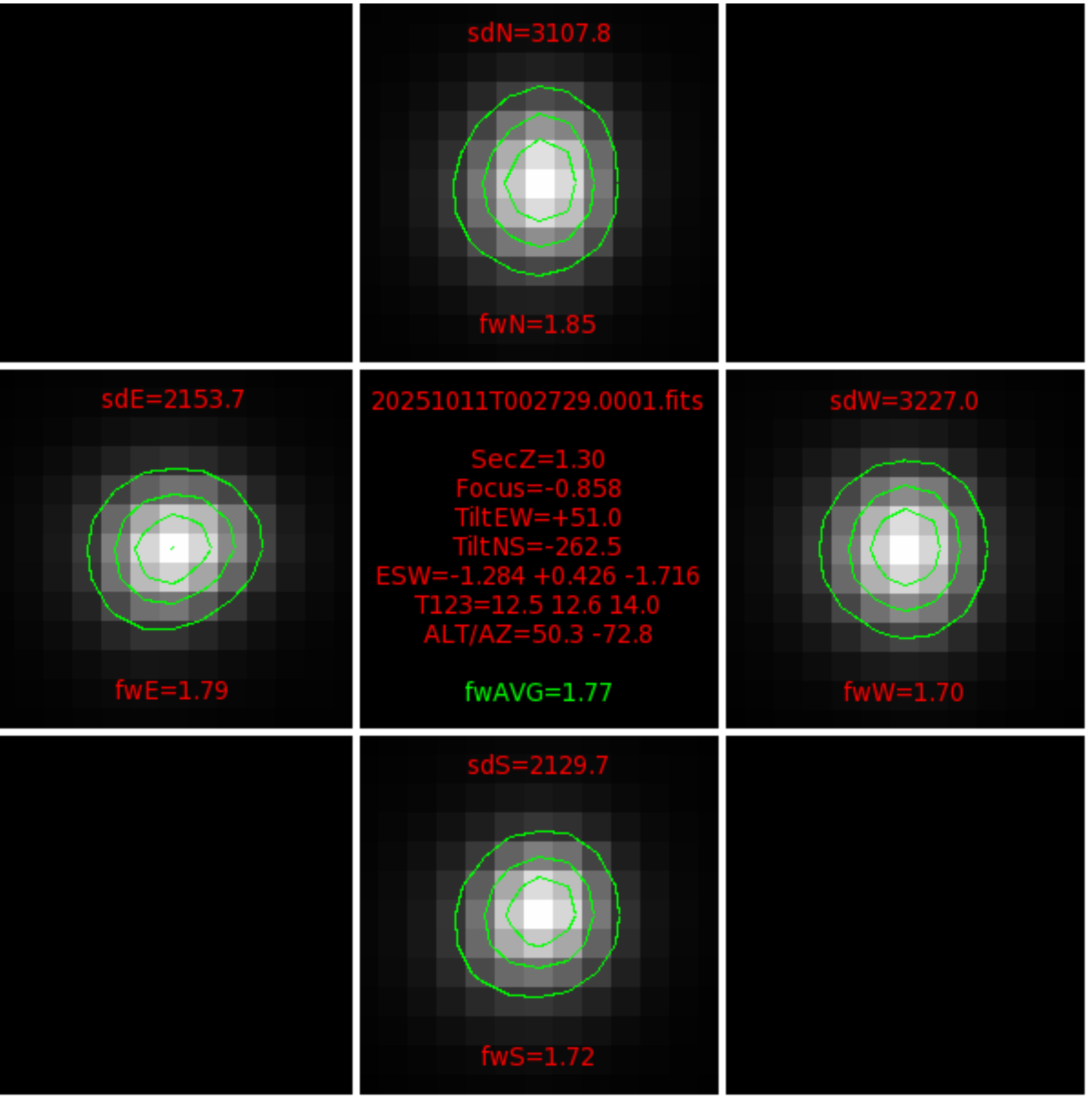
sdN=3107.8
fwN=1.85
sdE=2153.7
fwE=1.79
20251011T002729.0001.fits
SecZ=1.30
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.6 14.0
ALT/AZ=50.3 -72.8
fwAVG=1.77
sdW=3227.0
fwW=1.70
sdS=2129.7
fwS=1.72
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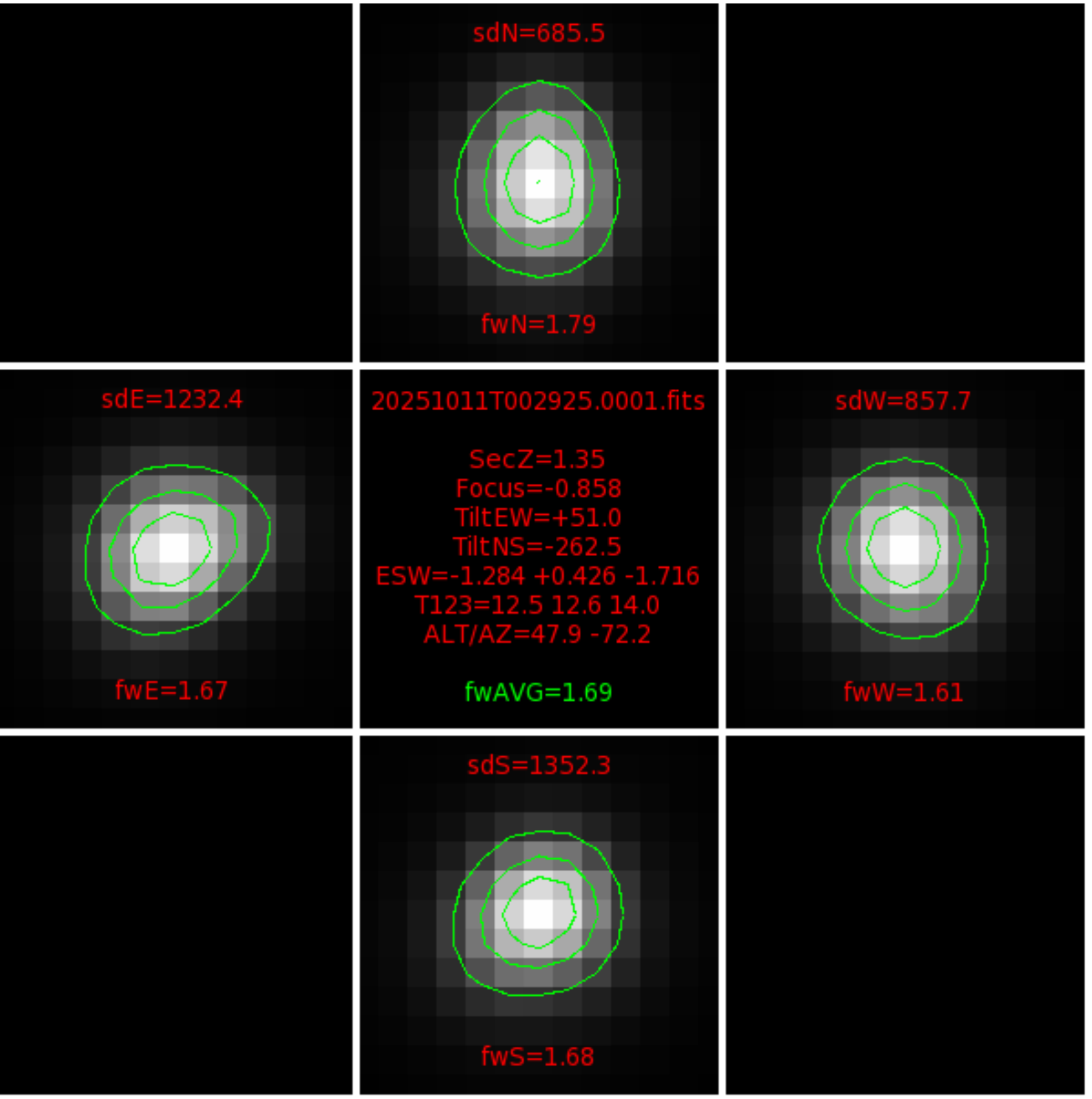
sdN=685.5
fwN=1.79
sdE=1232.4
fwE=1.67
20251011T002925.0001.fits
SecZ=1.35
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.6 14.0
ALT/AZ=47.9 -72.2
fwAVG=1.69
sdW=857.7
fwW=1.61
sdS=1352.3
fwS=1.68
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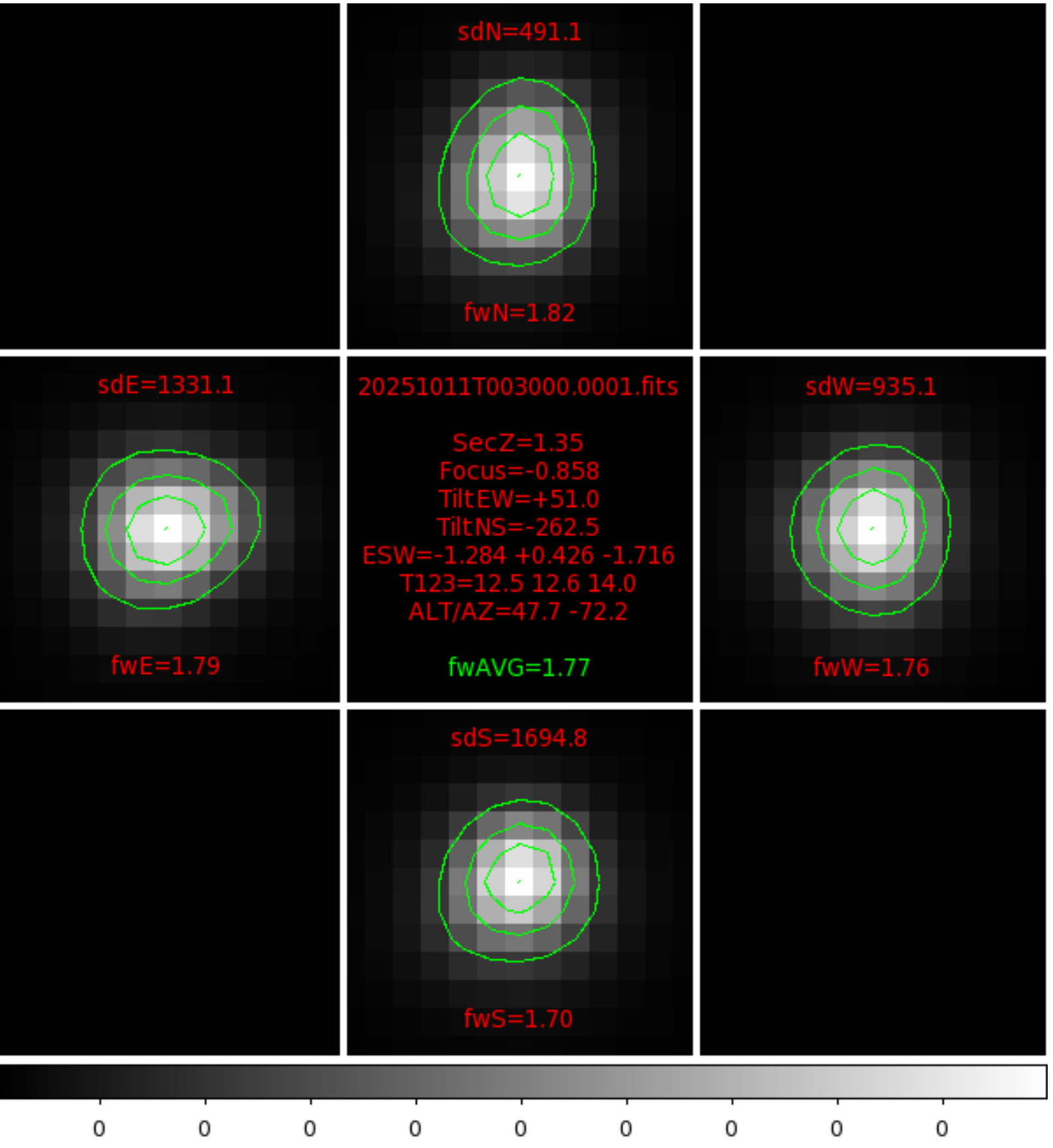
sdN=491.1
fwN=1.82
sdE=1331.1
fwE=1.79
20251011T003000.0001.fits
SecZ=1.35
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.6 14.0
ALT/AZ=47.7 -72.2
fwAVG=1.77
sdW=935.1
fwW=1.76
sdS=1694.8
fwS=1.70
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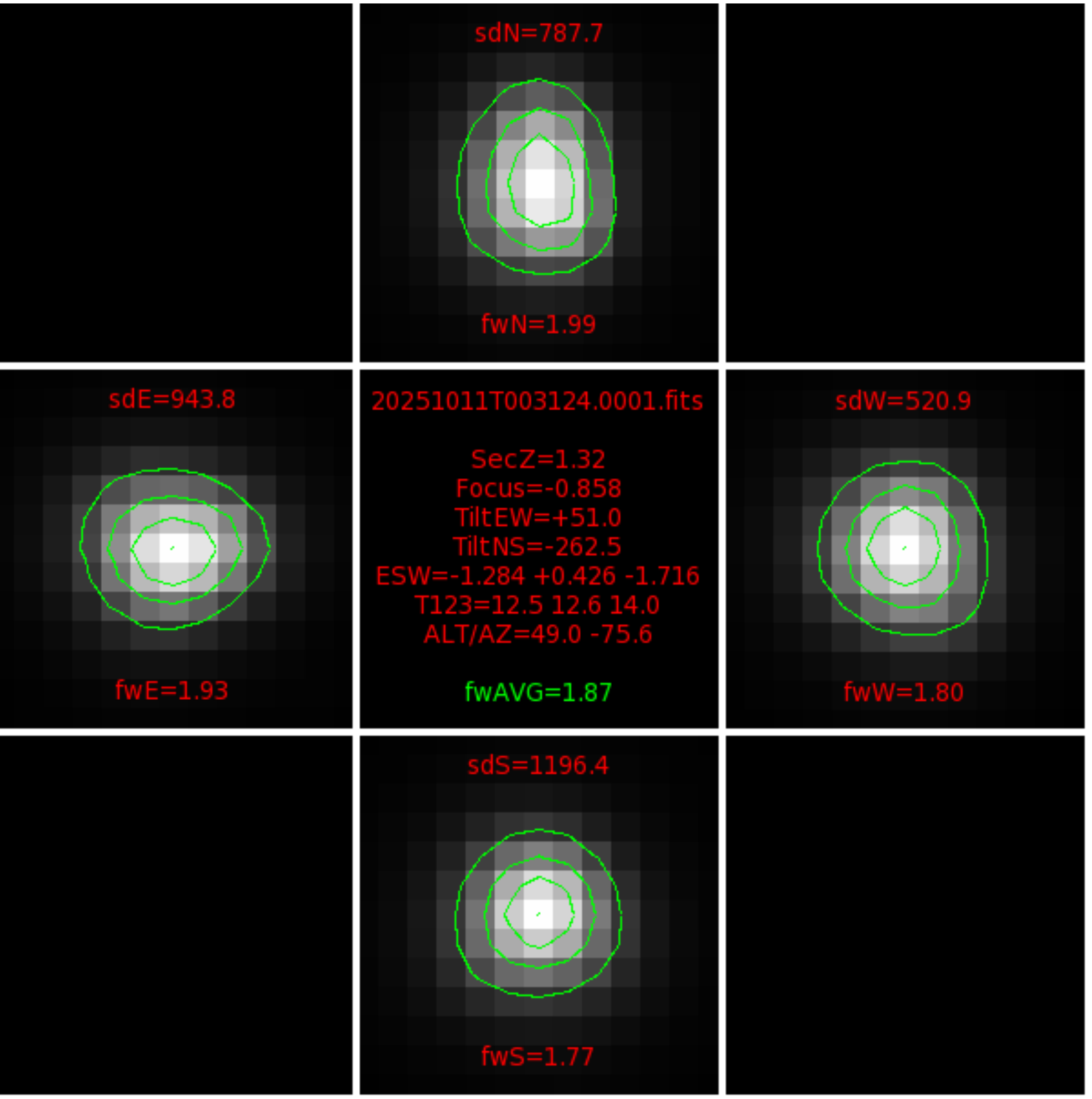
sdN=787.7
fwN=1.99
sdE=943.8
fwE=1.93
20251011T003124.0001.fits
SecZ=1.32
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.6 14.0
ALT/AZ=49.0 -75.6
fwAVG=1.87
sdW=520.9
fwW=1.80
sdS=1196.4
fwS=1.77
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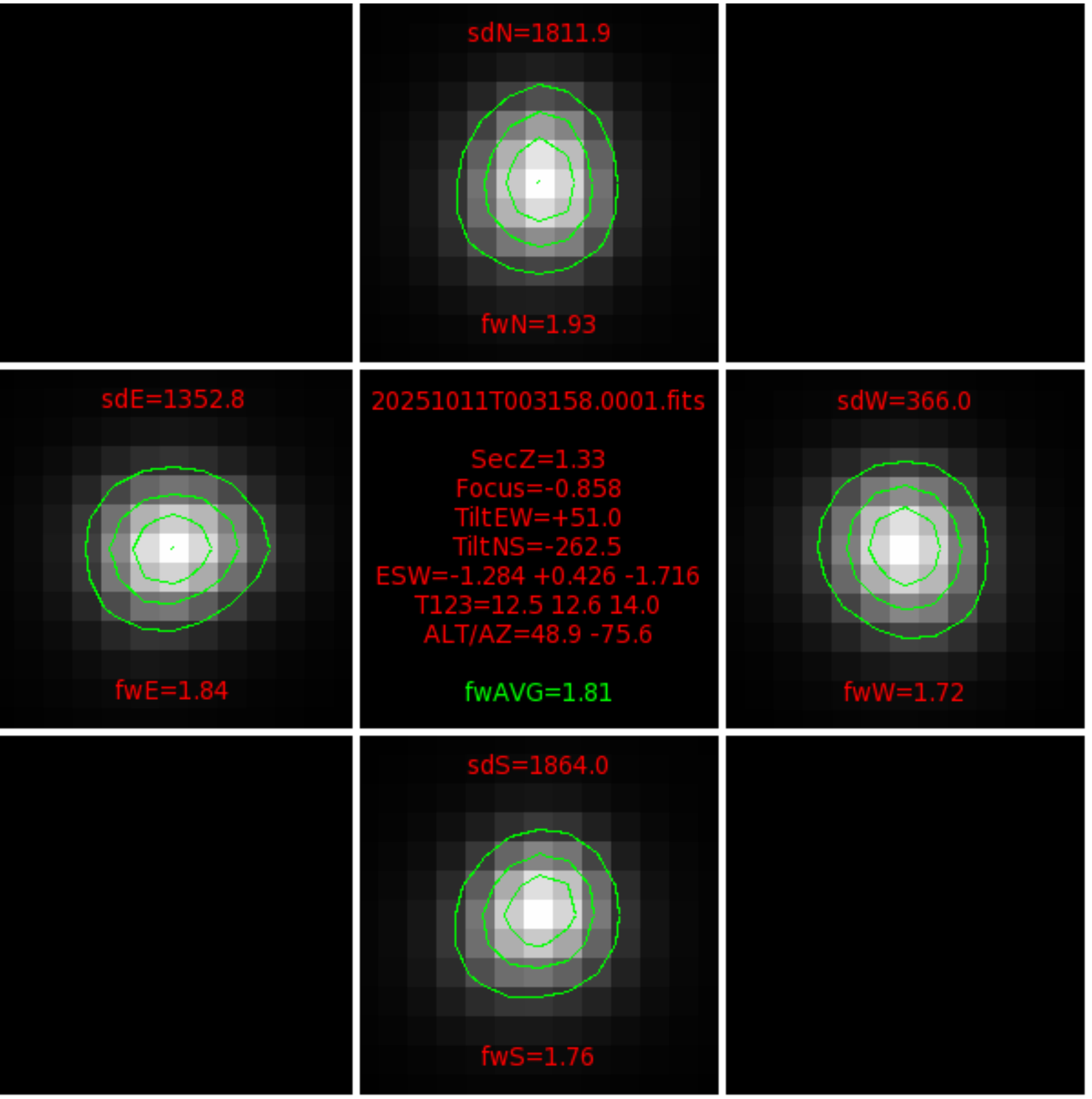
sdN=1811.9
fwN=1.93
sdE=1352.8
fwE=1.84
20251011T003158.0001.fits
SecZ=1.33
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.6 14.0
ALT/AZ=48.9 -75.6
fwAVG=1.81
sdW=366.0
fwW=1.72
sdS=1864.0
fwS=1.76
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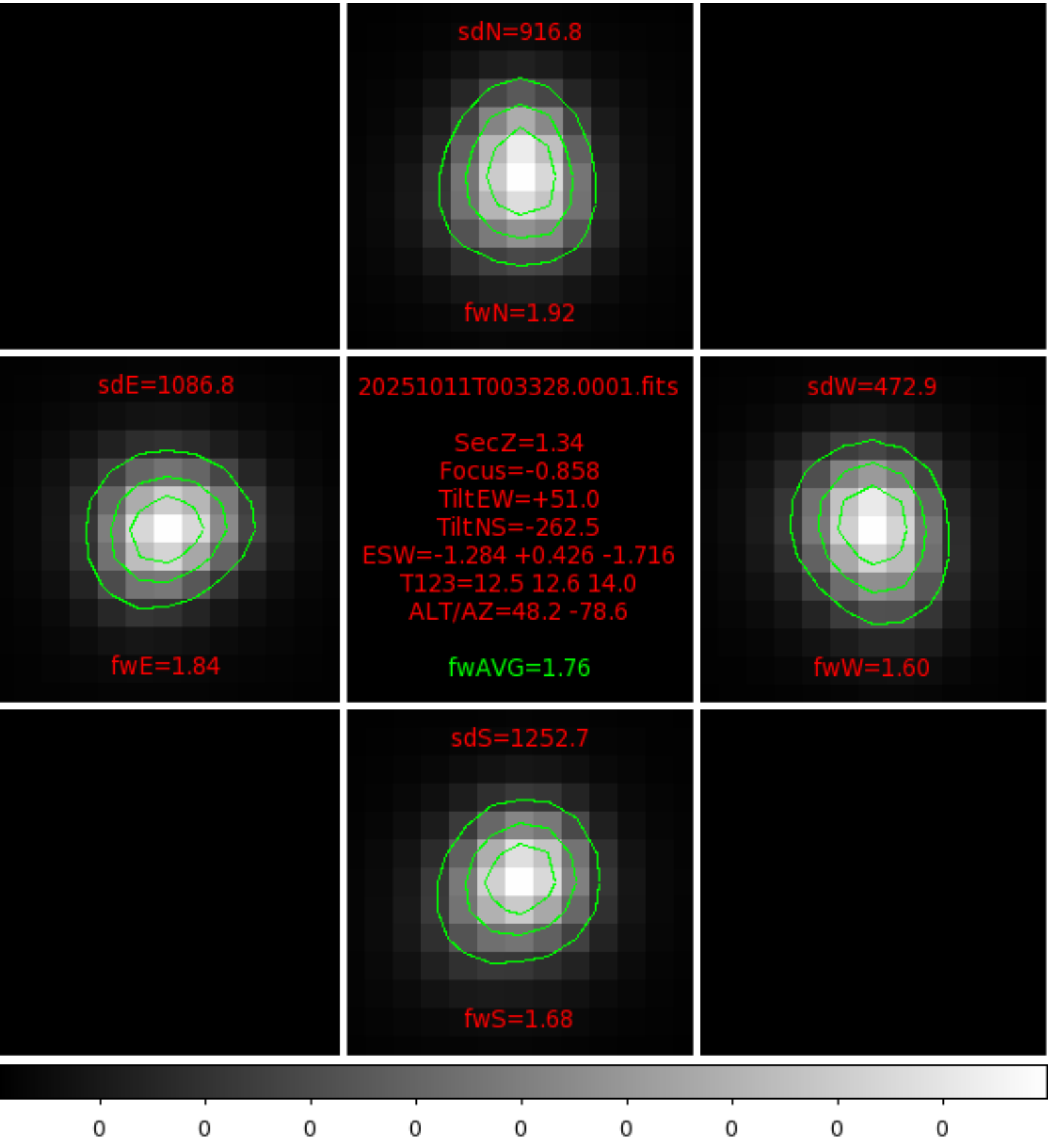
sdN=916.8
fwN=1.92
sdE=1086.8
fwE=1.84
20251011T003328.0001.fits
SecZ=1.34
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.6 14.0
ALT/AZ=48.2 -78.6
fwAVG=1.76
sdW=472.9
fwW=1.60
sdS=1252.7
fwS=1.68
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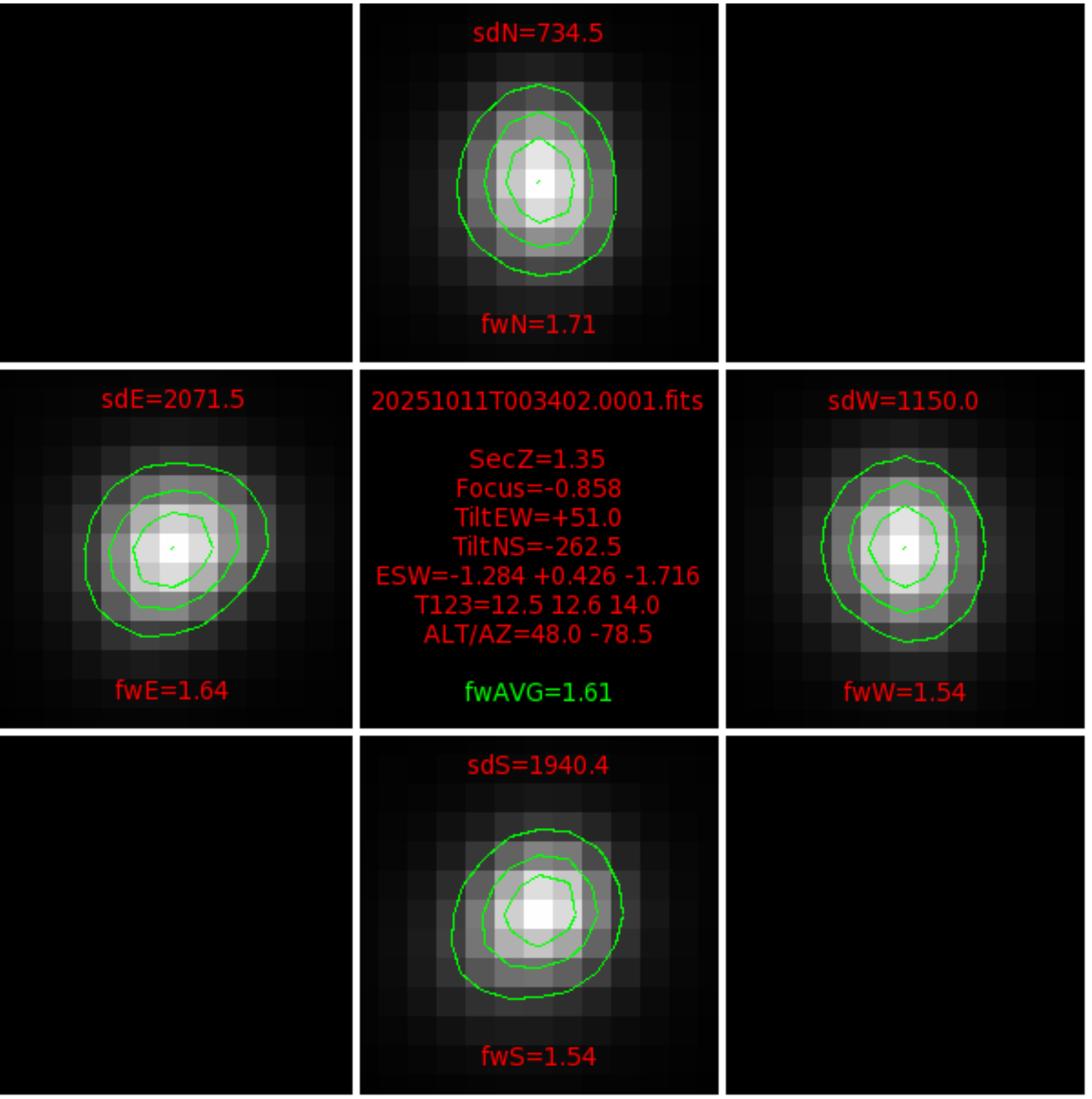
sdN=734.5
fwN=1.71
sdE=2071.5
fwE=1.64
20251011T003402.0001.fits
SecZ=1.35
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.6 14.0
ALT/AZ=48.0 -78.5
fwAVG=1.61
sdW=1150.0
fwW=1.54
sdS=1940.4
fwS=1.54
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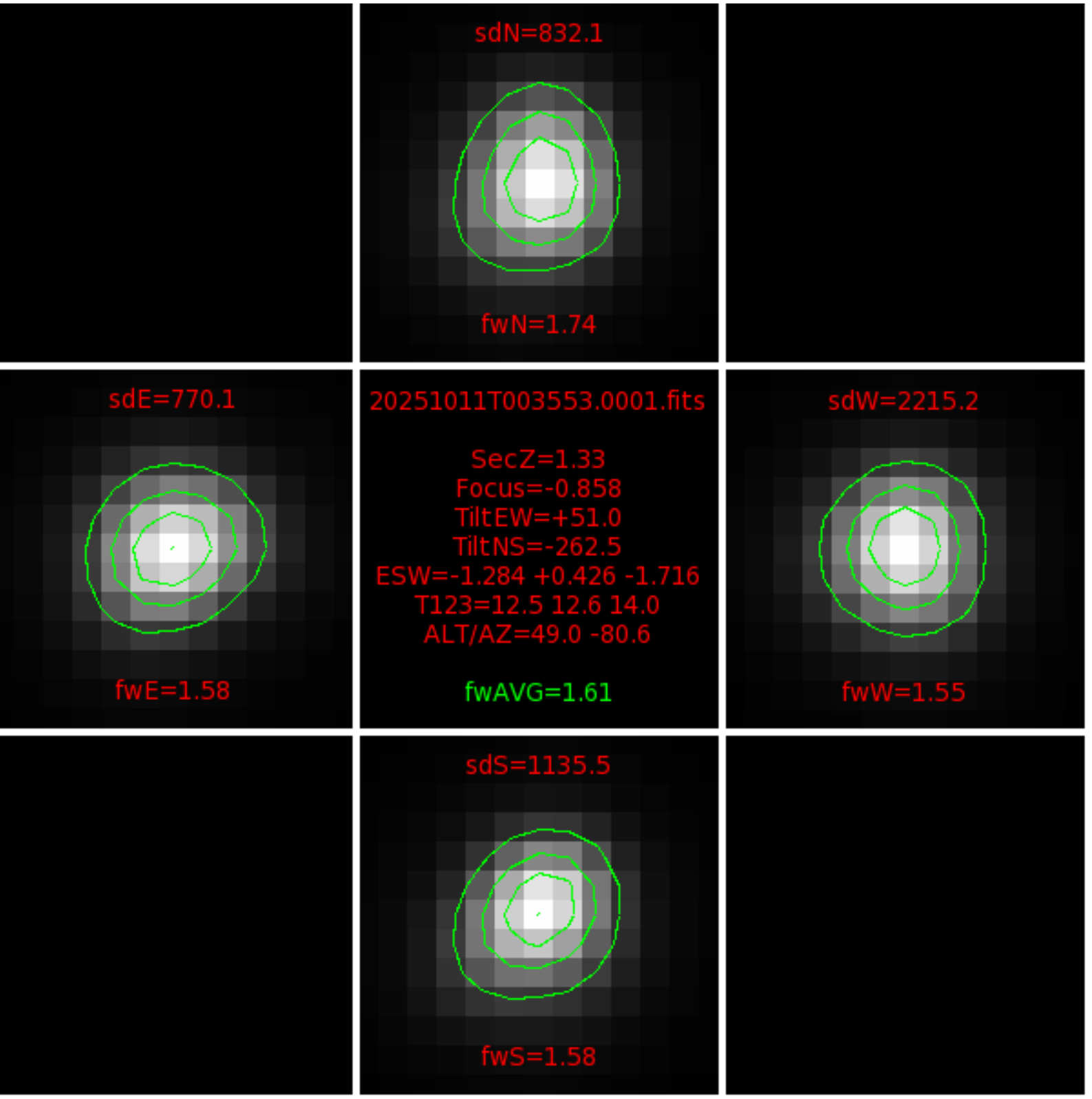
sdN=832.1
fwN=1.74
sdE=770.1
fwE=1.58
20251011T003553.0001.fits
SecZ=1.33
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.6 14.0
ALT/AZ=49.0 -80.6
fwAVG=1.61
sdW=2215.2
fwW=1.55
sdS=1135.5
fwS=1.58
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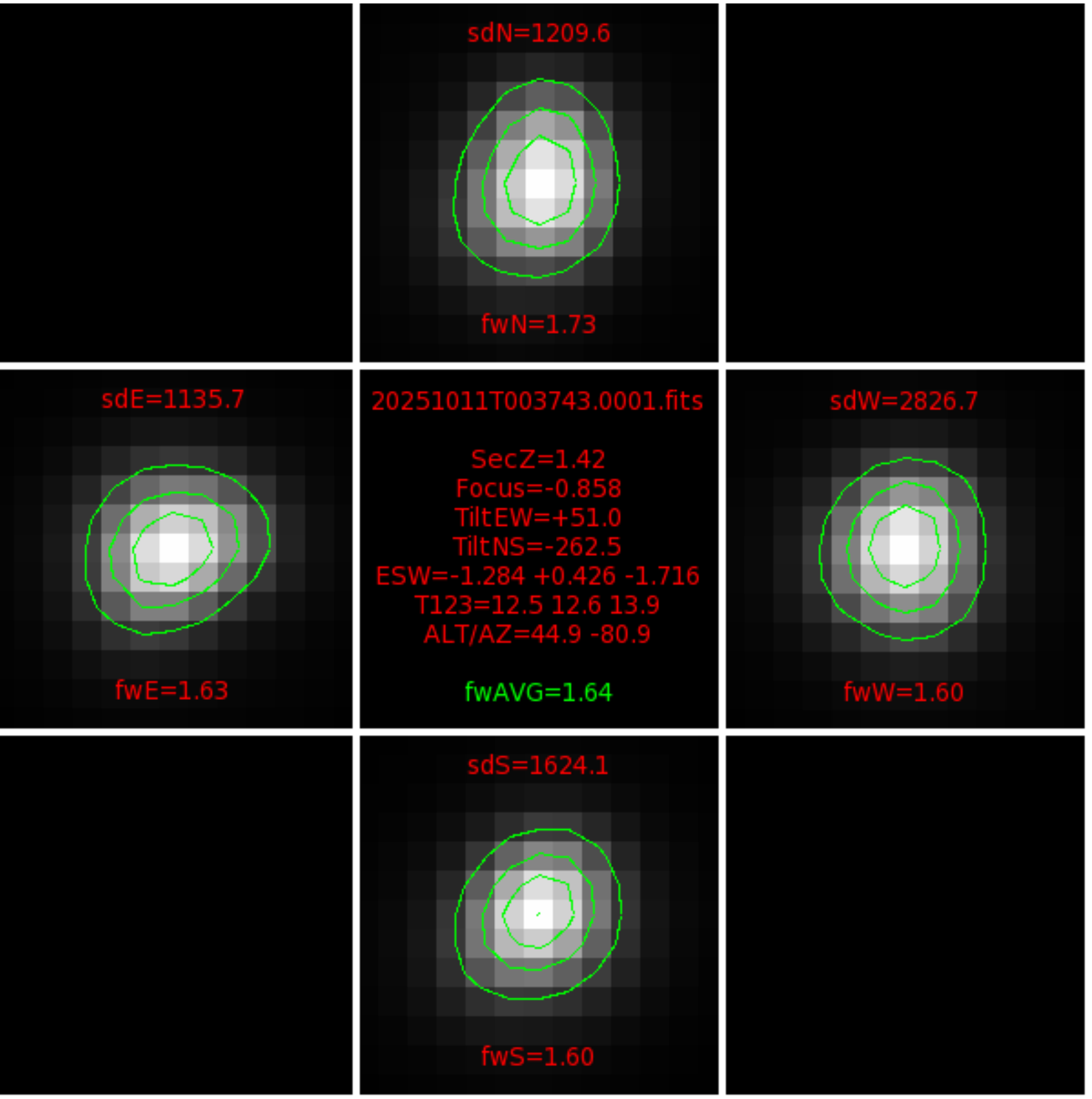
sdN=1209.6
fwN=1.73
sdE=1135.7
fwE=1.63
20251011T003743.0001.fits
SecZ=1.42
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.6 13.9
ALT/AZ=44.9 -80.9
fwAVG=1.64
sdW=2826.7
fwW=1.60
sdS=1624.1
fwS=1.60
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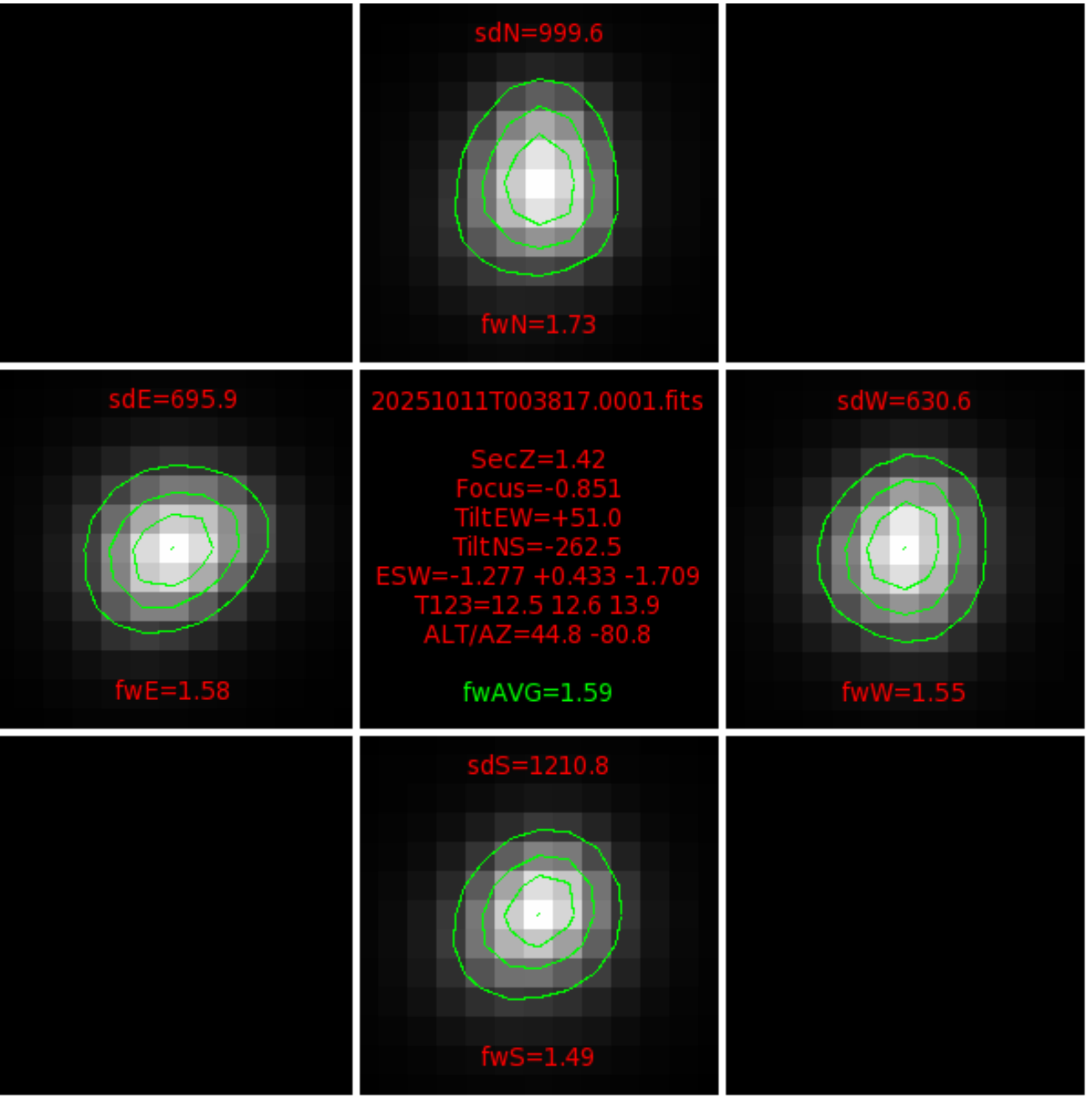
sdN=999.6
fwN=1.73
sdE=695.9
fwE=1.58
20251011T003817.0001.fits
SecZ=1.42
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.5 12.6 13.9
ALT/AZ=44.8 -80.8
fwAVG=1.59
sdW=630.6
fwW=1.55
sdS=1210.8
fwS=1.49
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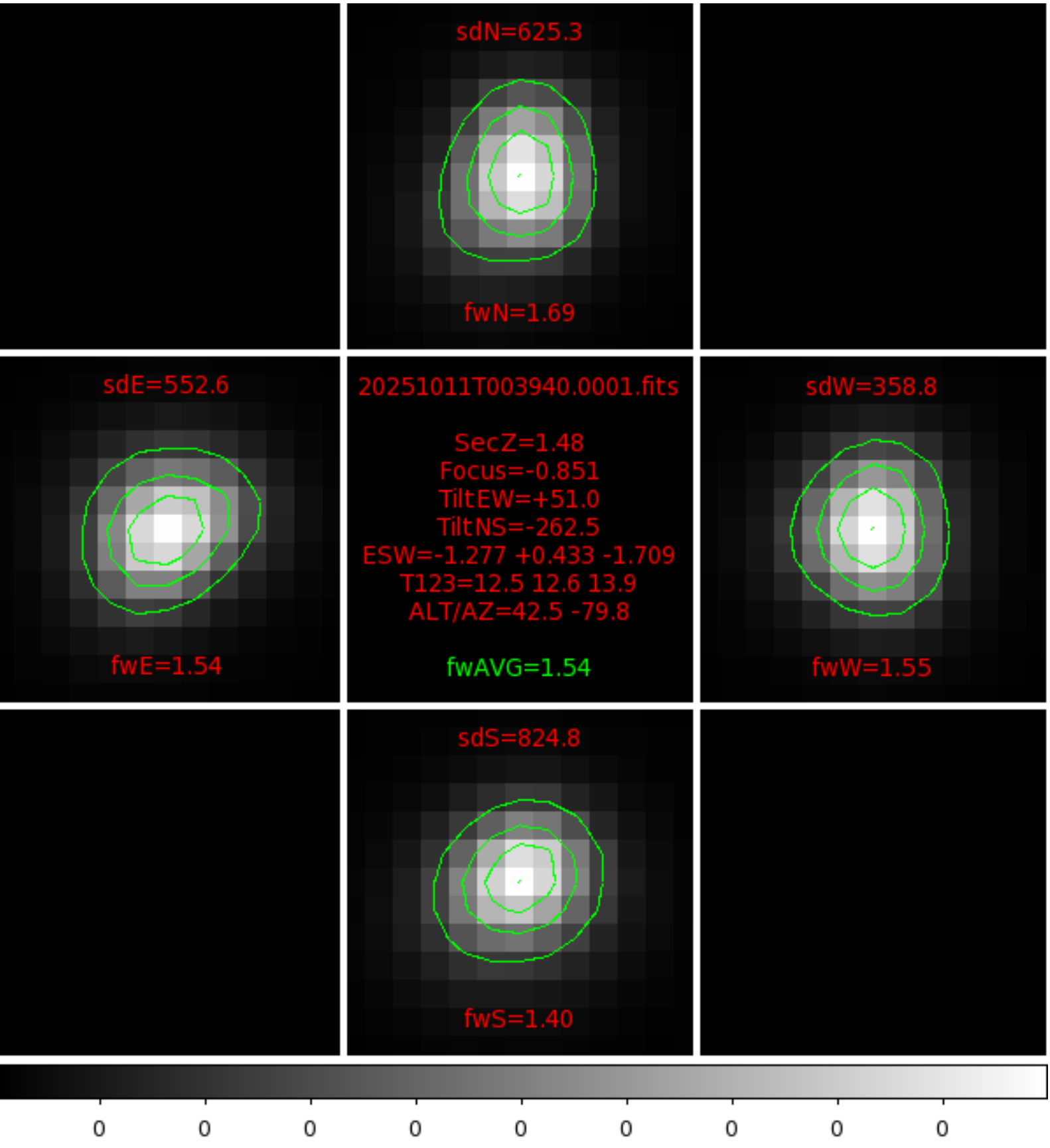
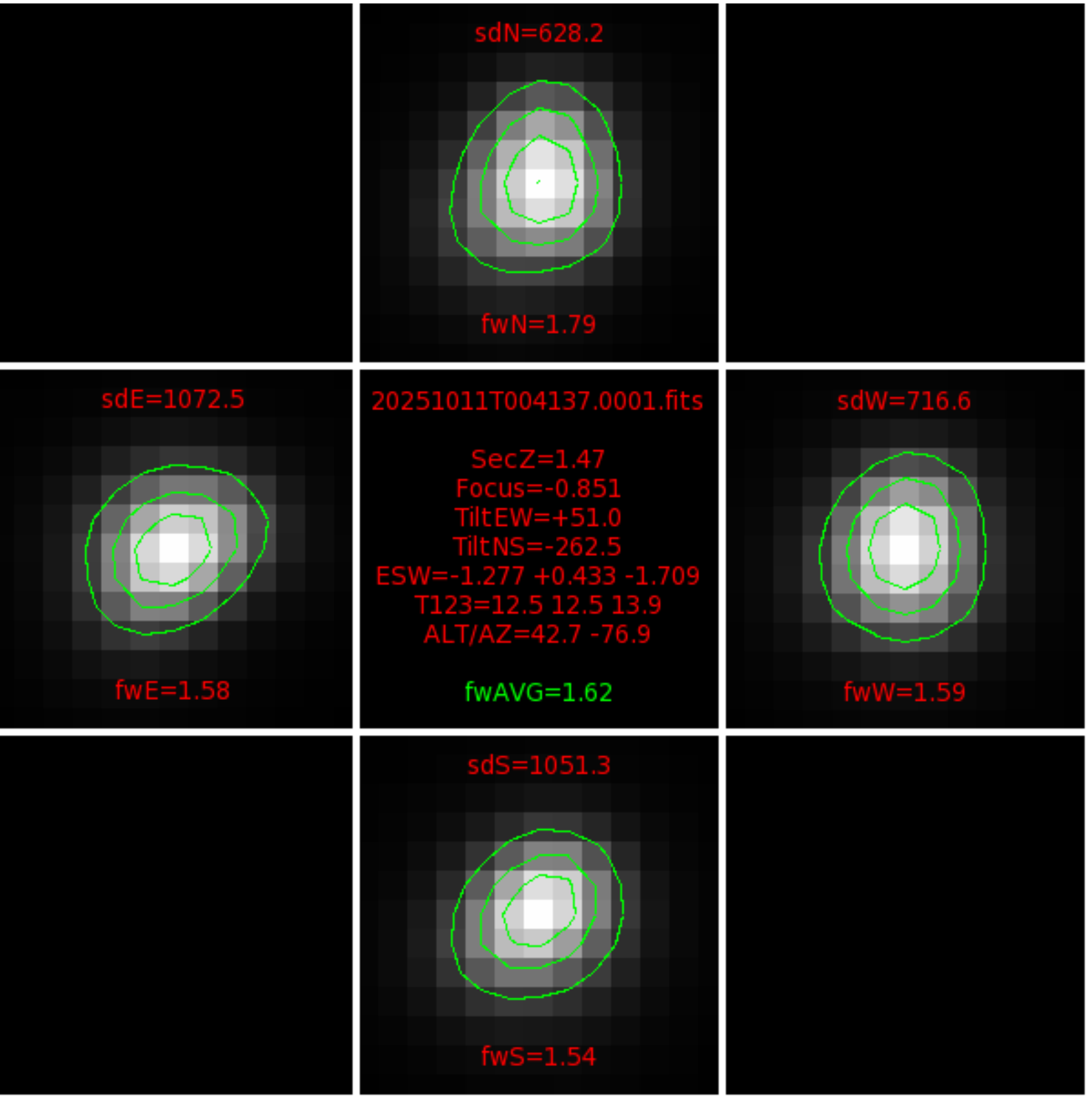

sdN=625.3
fwN=1.69
sdE=552.6
fwE=1.54
20251011T003940.0001.fits
SecZ=1.48
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.5 12.6 13.9
ALT/AZ=42.5 -79.8
fwAVG=1.54
sdW=358.8
fwW=1.55
sdS=824.8
fwS=1.40
0 0 0 0 0 0 0 0 0


sdN=628.2
fwN=1.79
sdE=1072.5
fwE=1.58
20251011T004137.0001.fits
SecZ=1.47
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.5 12.5 13.9
ALT/AZ=42.7 -76.9
fwAVG=1.62
sdW=716.6
fwW=1.59
sdS=1051.3
fwS=1.54
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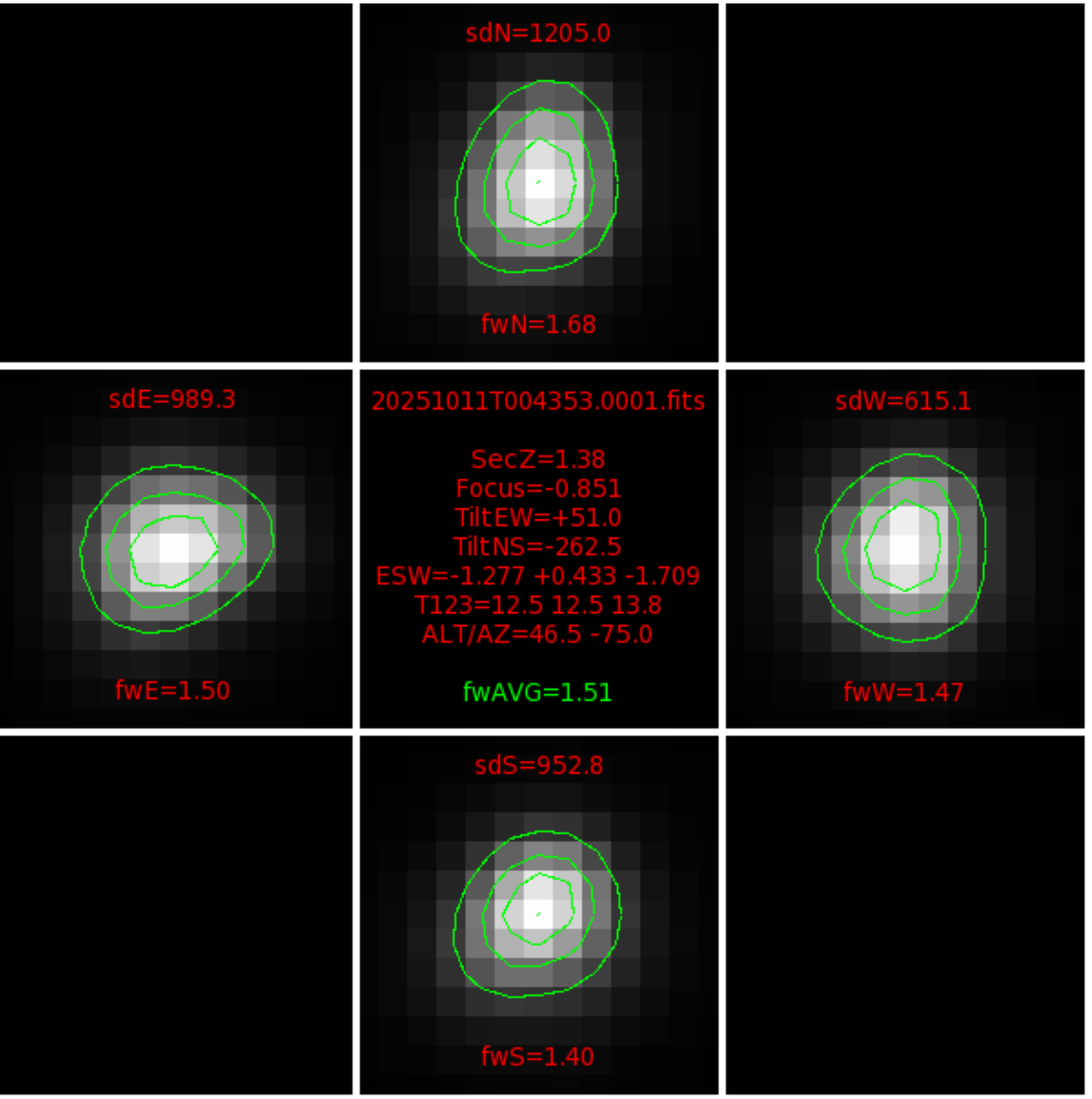
sdN=1205.0
fwN=1.68
sdE=989.3
fwE=1.50
20251011T004353.0001.fits
SecZ=1.38
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.5 12.5 13.8
ALT/AZ=46.5 -75.0
fwAVG=1.51
sdW=615.1
fwW=1.47
sdS=952.8
fwS=1.40
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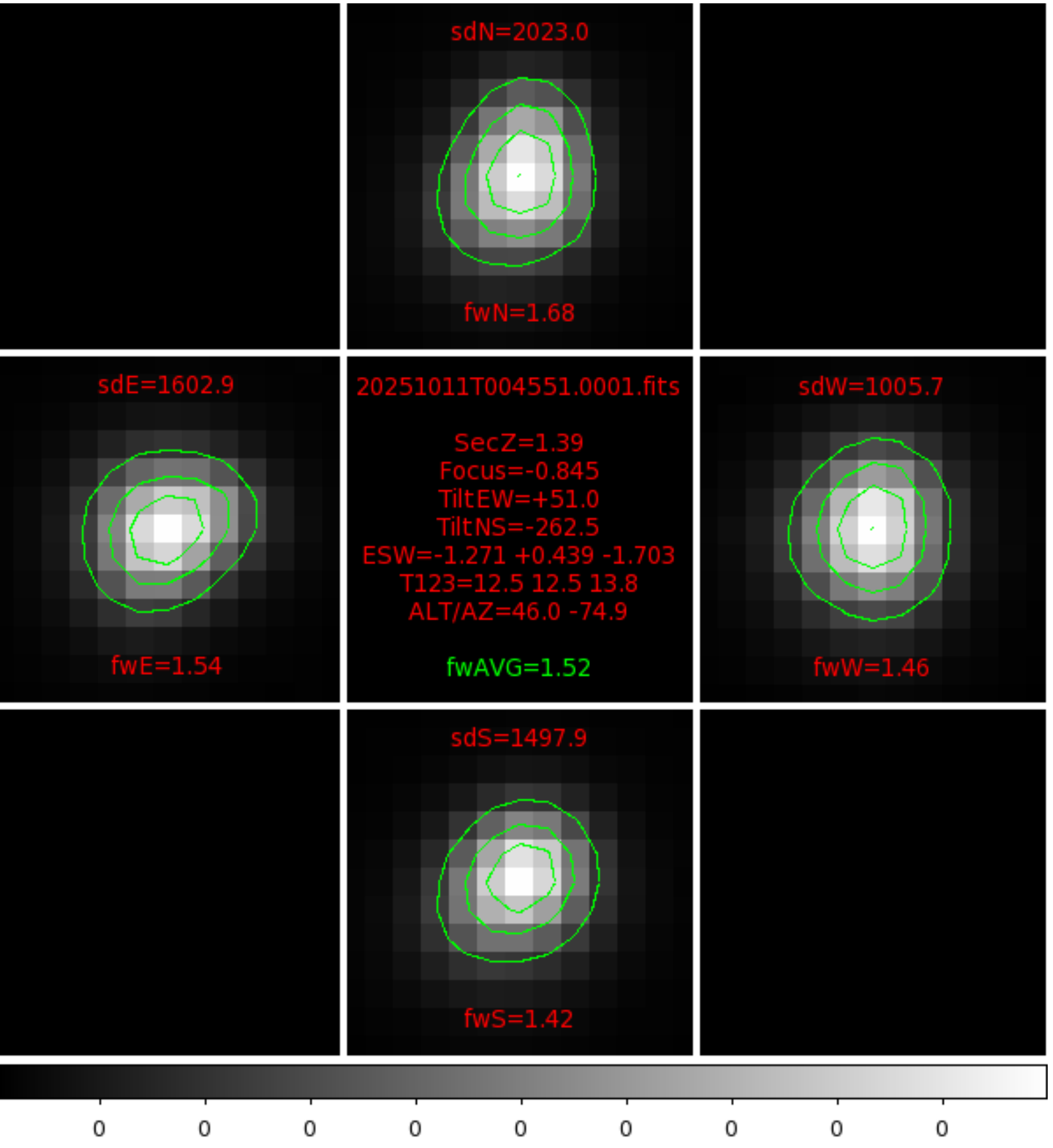
sdN=2023.0
fwN=1.68
sdE=1602.9
fwE=1.54
20251011T004551.0001.fits
SecZ=1.39
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.5 12.5 13.8
ALT/AZ=46.0 -74.9
fwAVG=1.52
sdW=1005.7
fwW=1.46
sdS=1497.9
fwS=1.42
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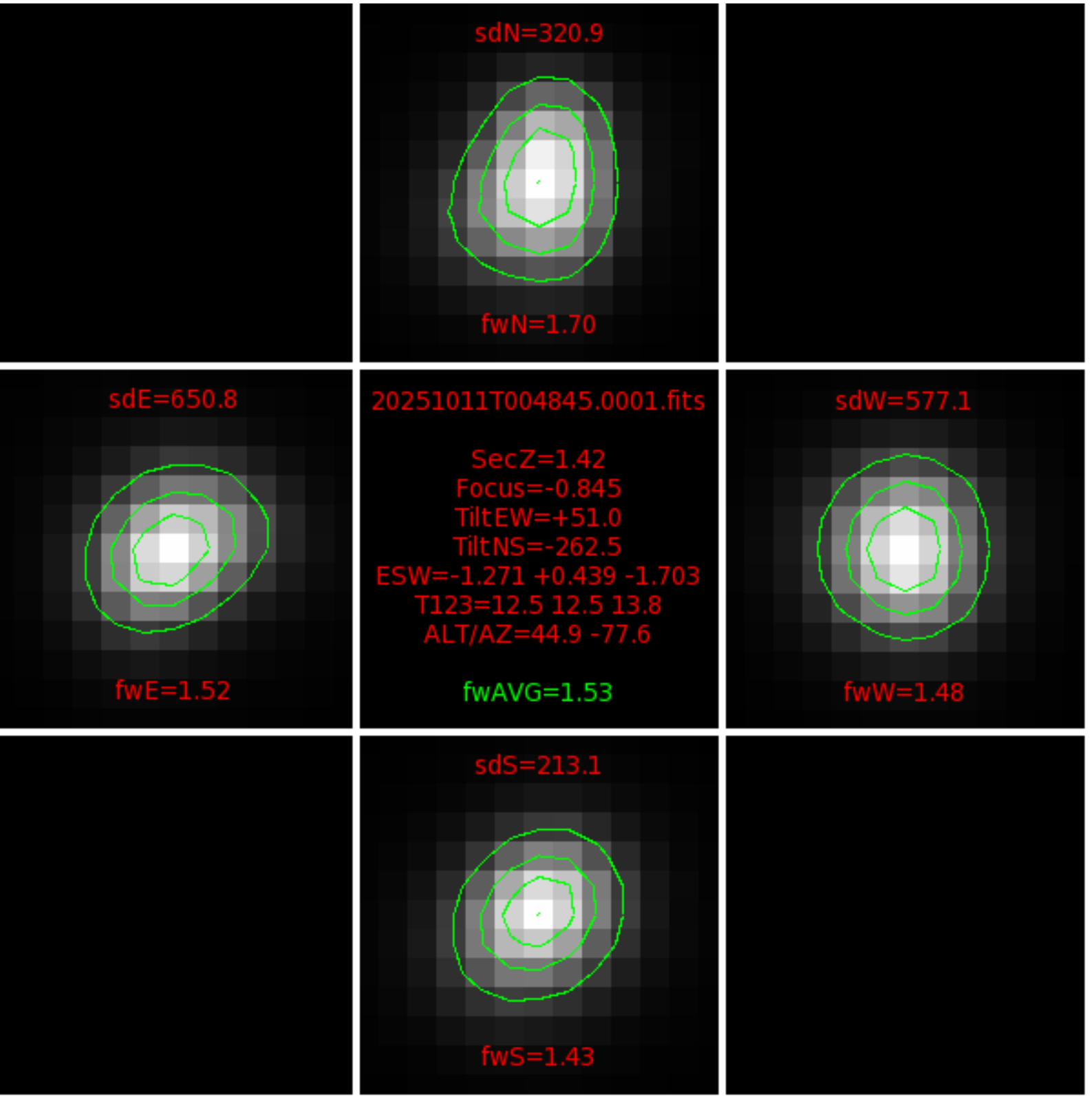
sdN=320.9
fwN=1.70
sdE=650.8
fwE=1.52
20251011T004845.0001.fits
SecZ=1.42
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.5 12.5 13.8
ALT/AZ=44.9 -77.6
fwAVG=1.53
sdW=577.1
fwW=1.48
sdS=213.1
fwS=1.43
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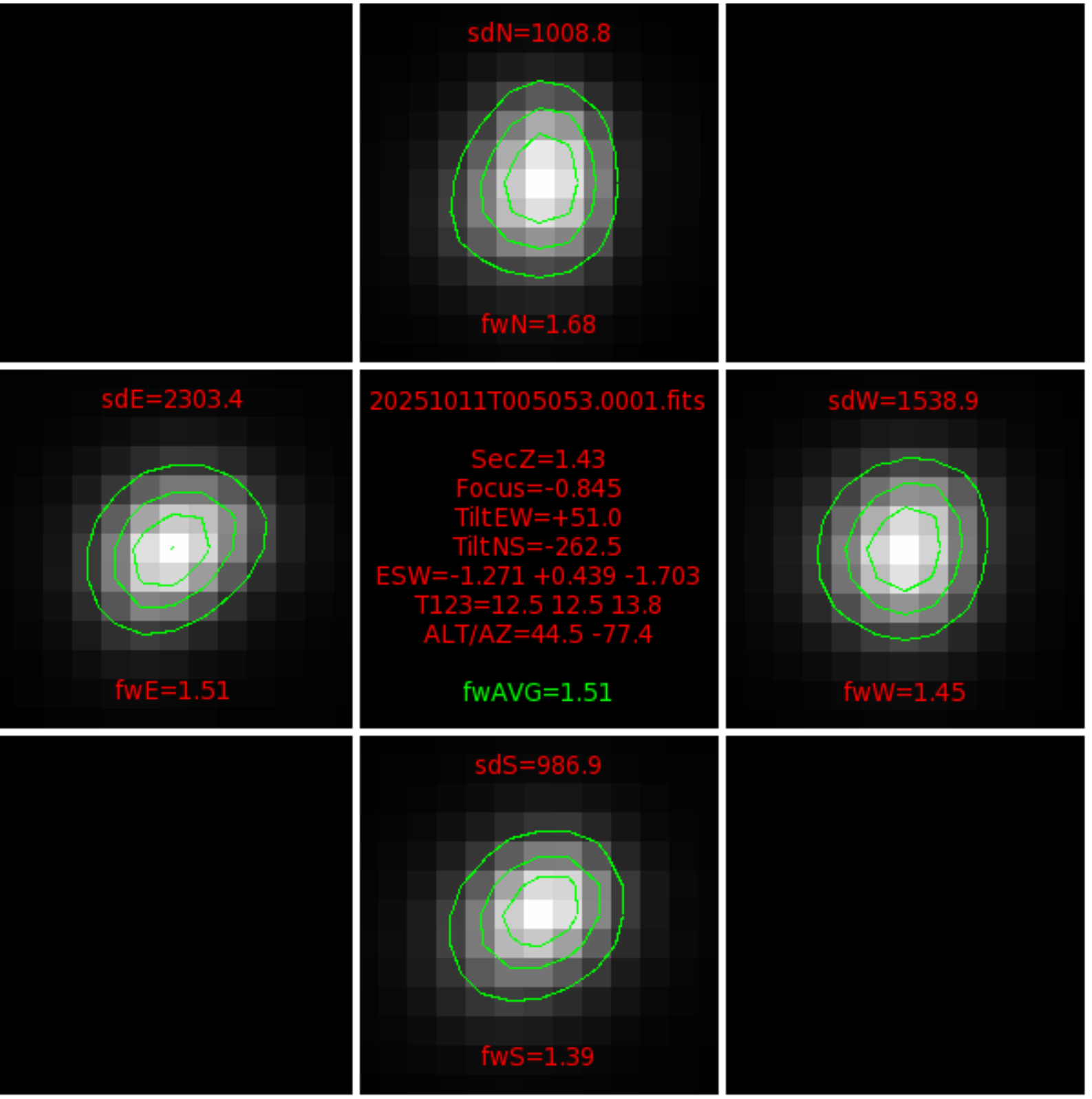
sdN=1008.8
fwN=1.68
sdE=2303.4
fwE=1.51
20251011T005053.0001.fits
SecZ=1.43
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.5 12.5 13.8
ALT/AZ=44.5 -77.4
fwAVG=1.51
sdW=1538.9
fwW=1.45
sdS=986.9
fwS=1.39
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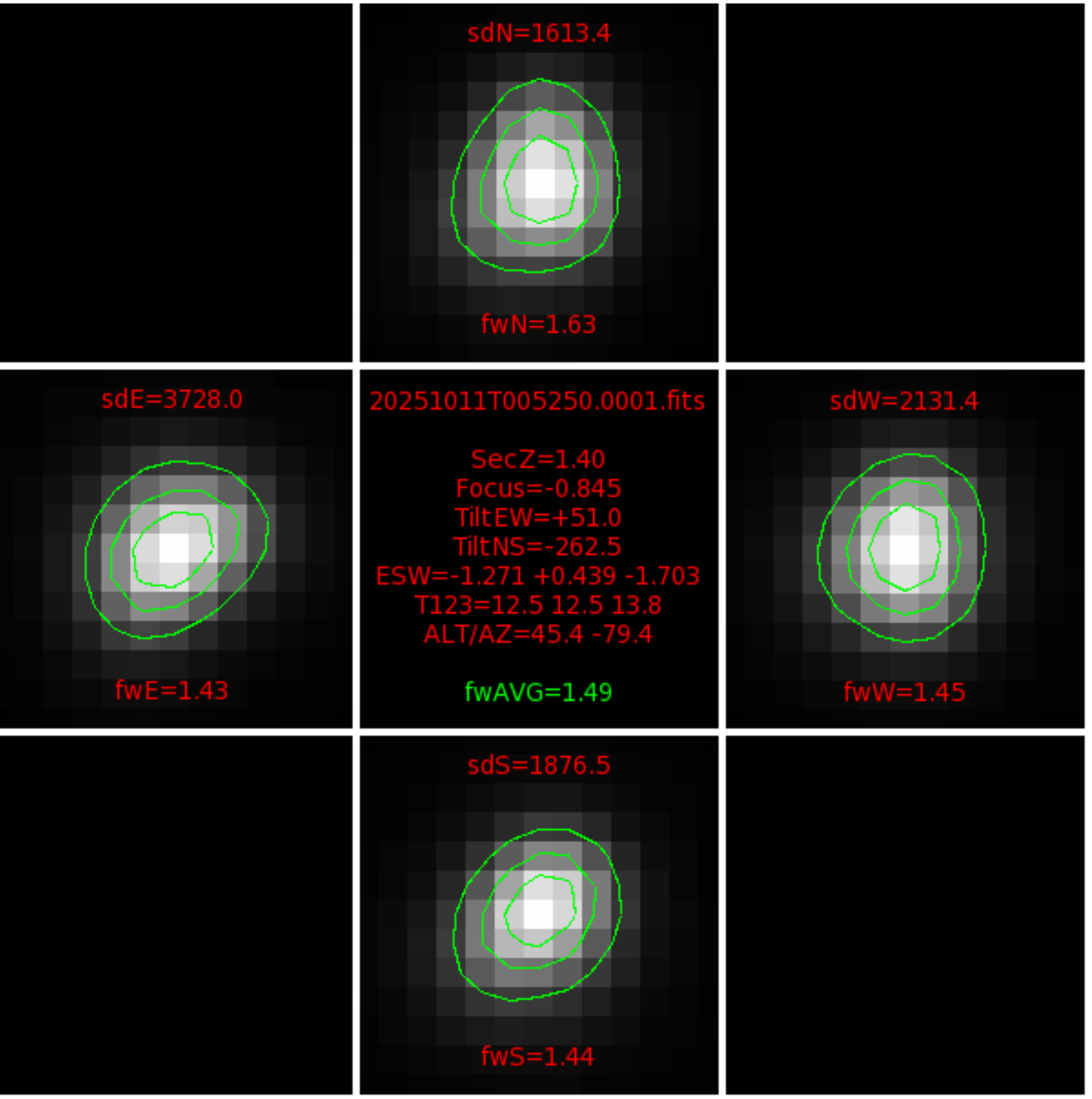
sdN=1613.4
fwN=1.63
sdE=3728.0
fwE=1.43
20251011T005250.0001.fits
SecZ=1.40
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.5 12.5 13.8
ALT/AZ=45.4 -79.4
fwAVG=1.49
sdW=2131.4
fwW=1.45
sdS=1876.5
fwS=1.44
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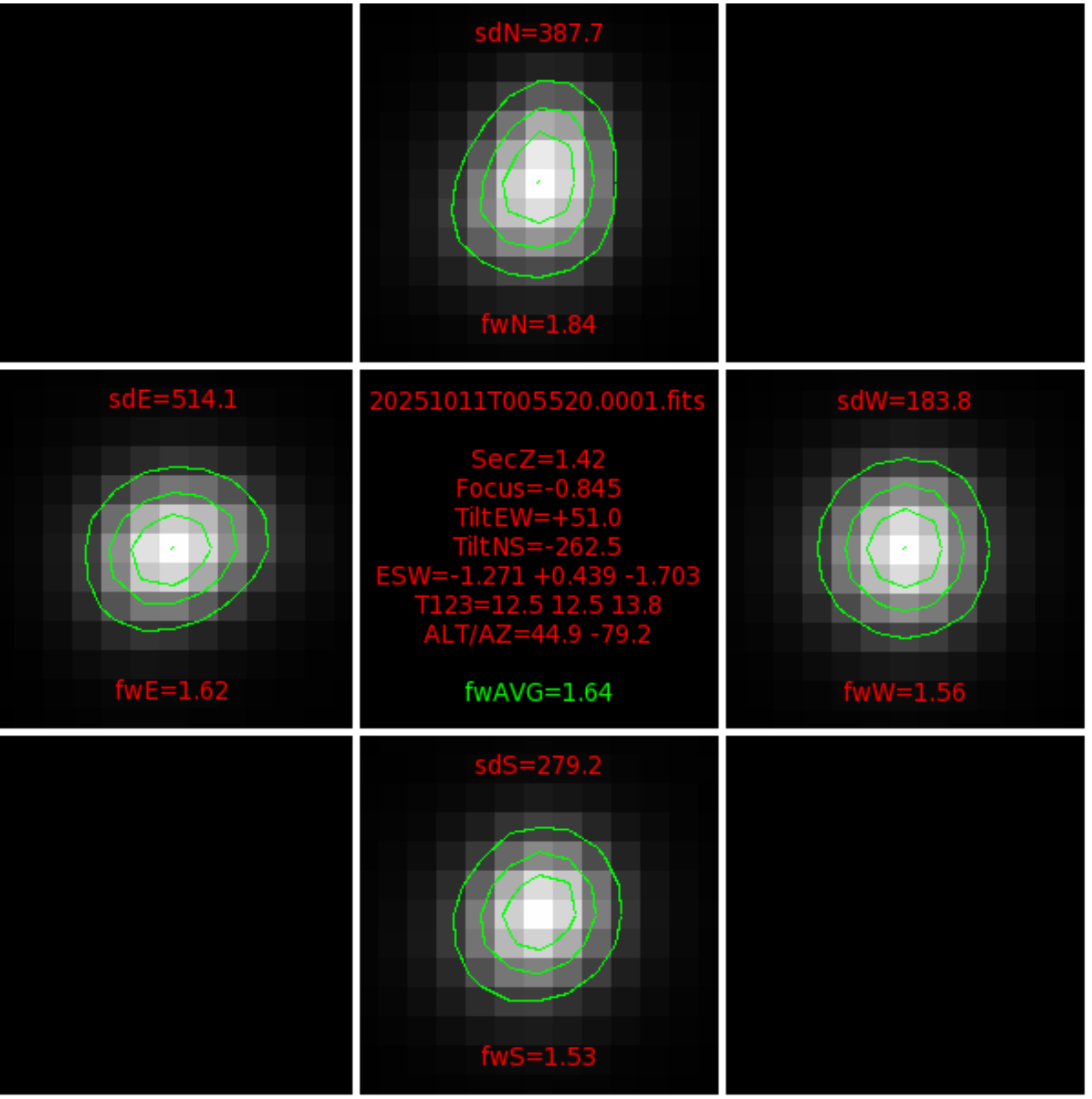
sdN=387.7
fwN=1.84
sdE=514.1
fwE=1.62
20251011T005520.0001.fits
SecZ=1.42
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.5 12.5 13.8
ALT/AZ=44.9 -79.2
fwAVG=1.64
sdW=183.8
fwW=1.56
sdS=279.2
fwS=1.53
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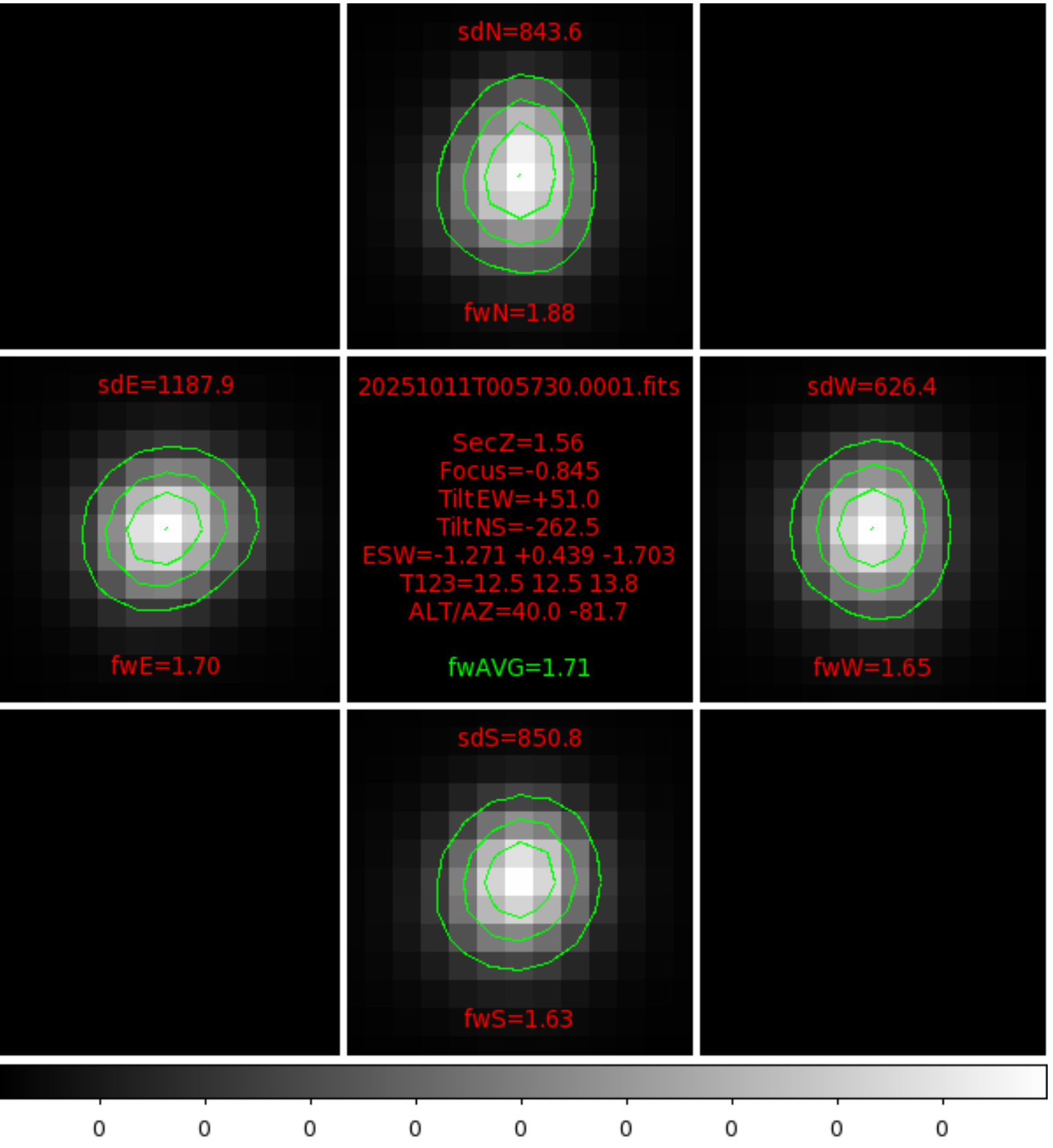
sdN=843.6
fwN=1.88
sdE=1187.9
fwE=1.70
20251011T005730.0001.fits
SecZ=1.56
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.5 12.5 13.8
ALT/AZ=40.0 -81.7
fwAVG=1.71
sdW=626.4
fwW=1.65
sdS=850.8
fwS=1.63
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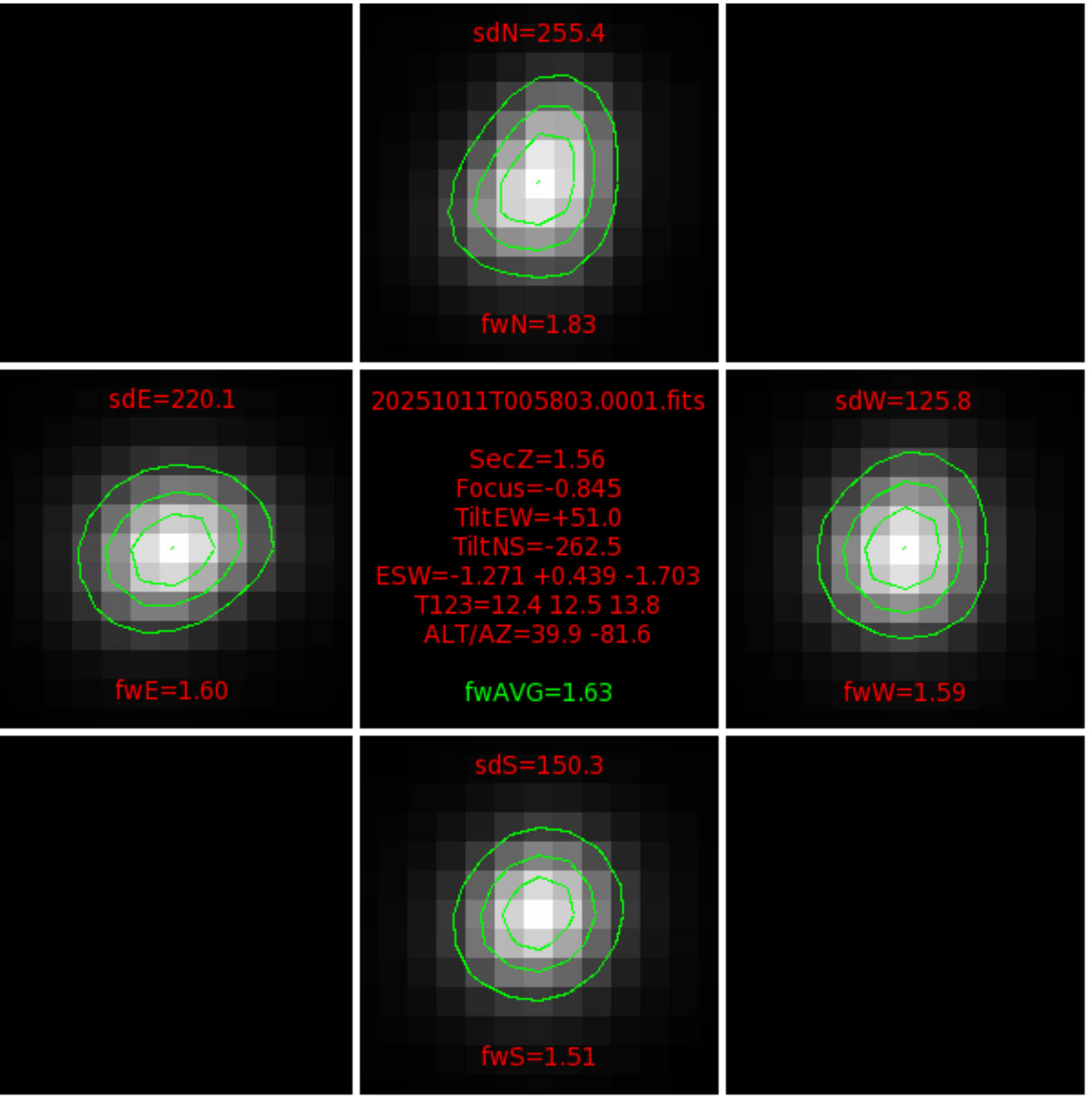
sdN=255.4
fwN=1.83
sdE=220.1
fwE=1.60
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SecZ=1.56
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.4 12.5 13.8
ALT/AZ=39.9 -81.6
fwAVG=1.63
sdW=125.8
fwW=1.59
sdS=150.3
fwS=1.51
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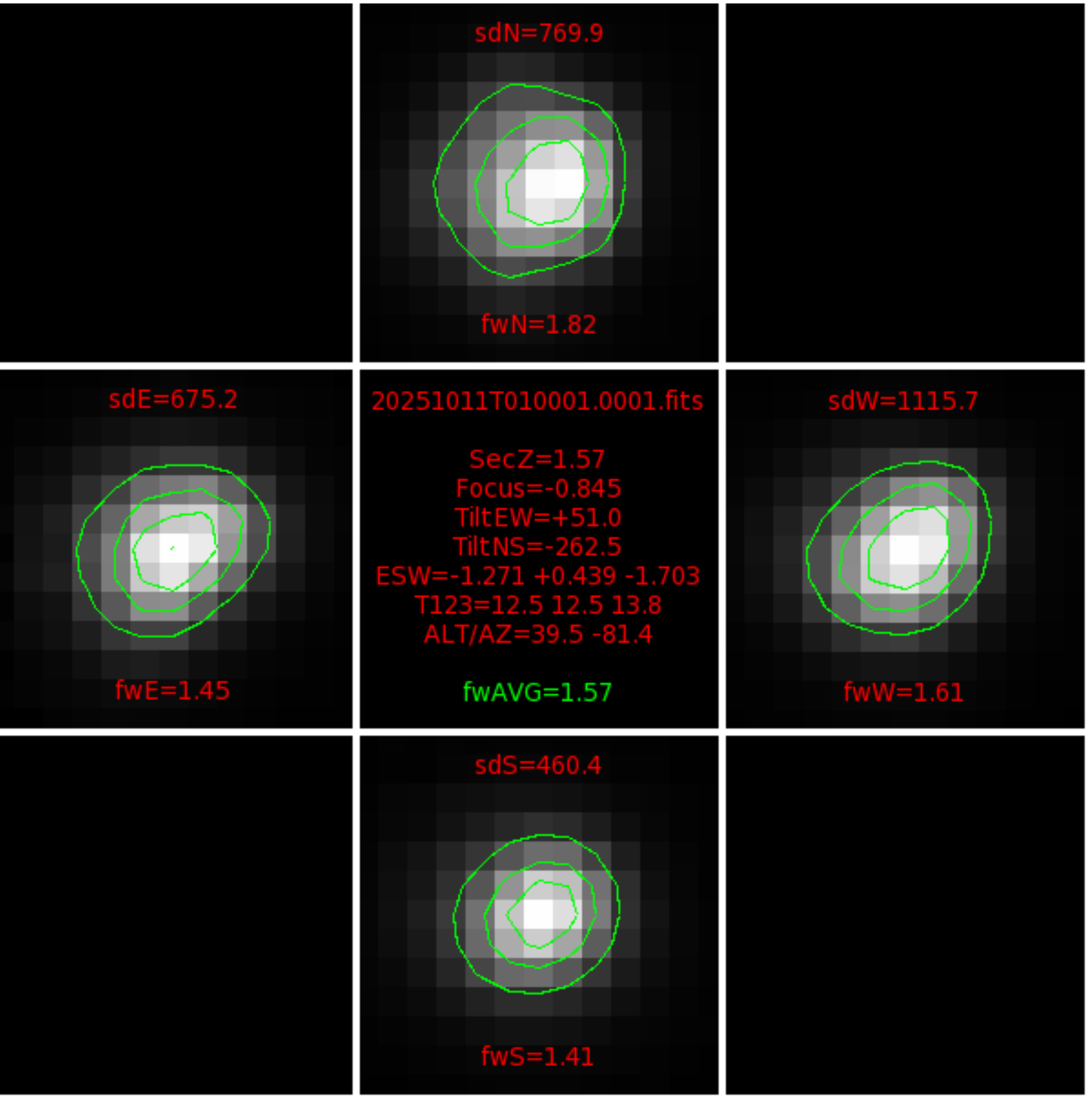
sdN=769.9
fwN=1.82
sdE=675.2
fwE=1.45
20251011T010001.0001.fits
SecZ=1.57
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.5 12.5 13.8
ALT/AZ=39.5 -81.4
fwAVG=1.57
sdW=1115.7
fwW=1.61
sdS=460.4
fwS=1.41
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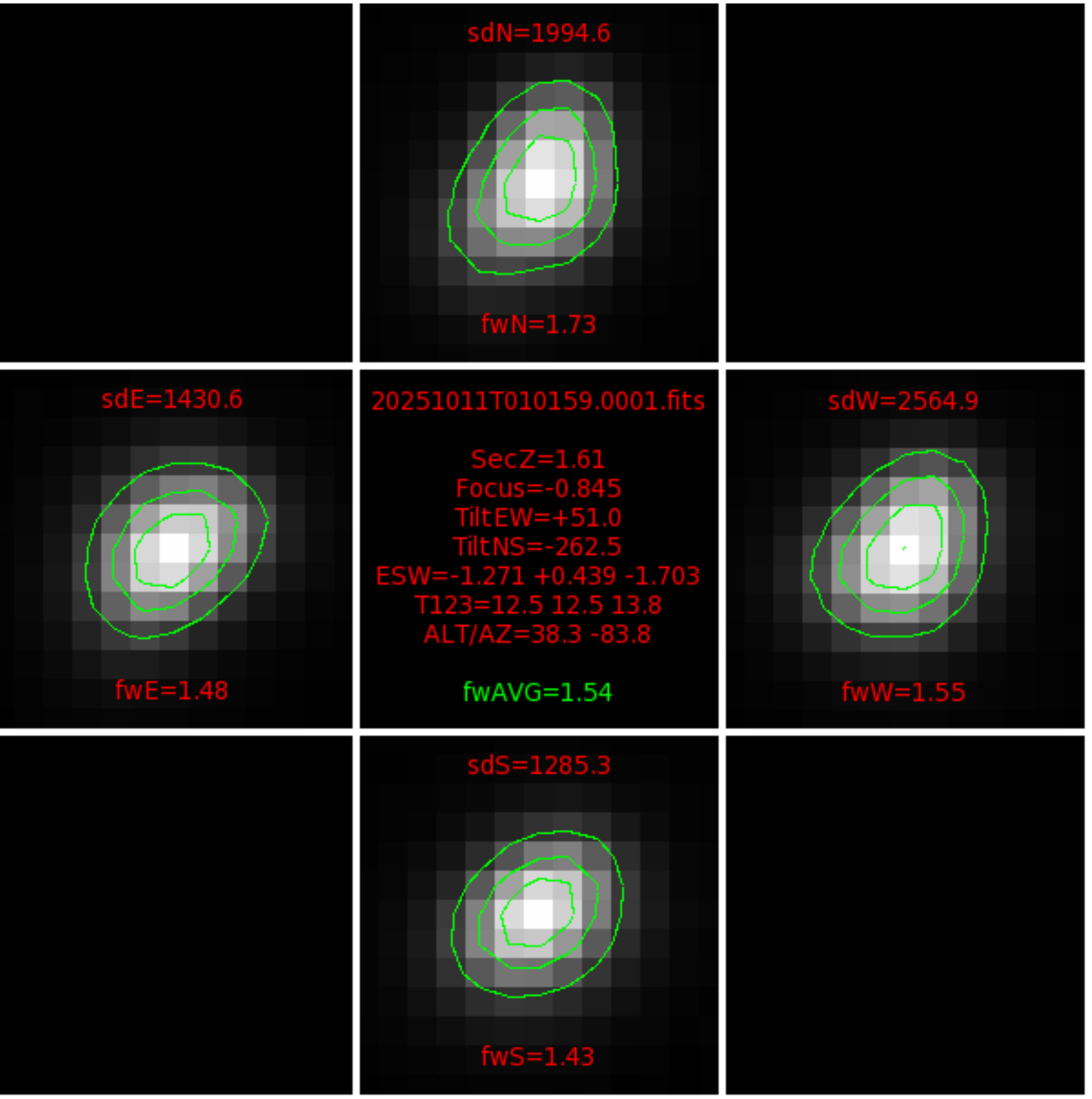
sdN=1994.6
fwN=1.73
sdE=1430.6
fwE=1.48
20251011T010159.0001.fits
SecZ=1.61
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.5 12.5 13.8
ALT/AZ=38.3 -83.8
fwAVG=1.54
sdW=2564.9
fwW=1.55
sdS=1285.3
fwS=1.43
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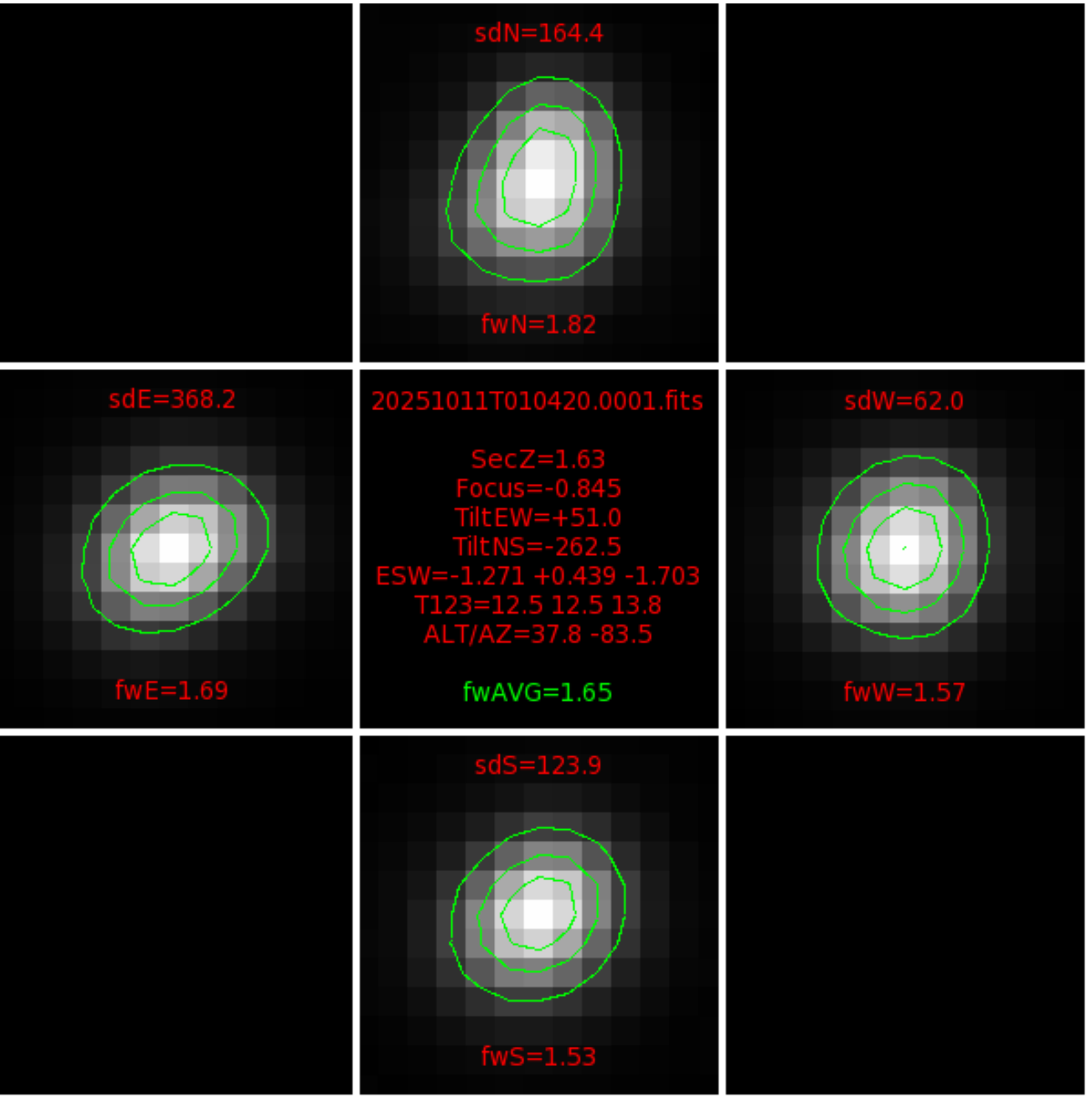
sdN=164.4
fwN=1.82
sdE=368.2
fwE=1.69
20251011T010420.0001.fits
SecZ=1.63
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.5 12.5 13.8
ALT/AZ=37.8 -83.5
fwAVG=1.65
sdW=62.0
fwW=1.57
sdS=123.9
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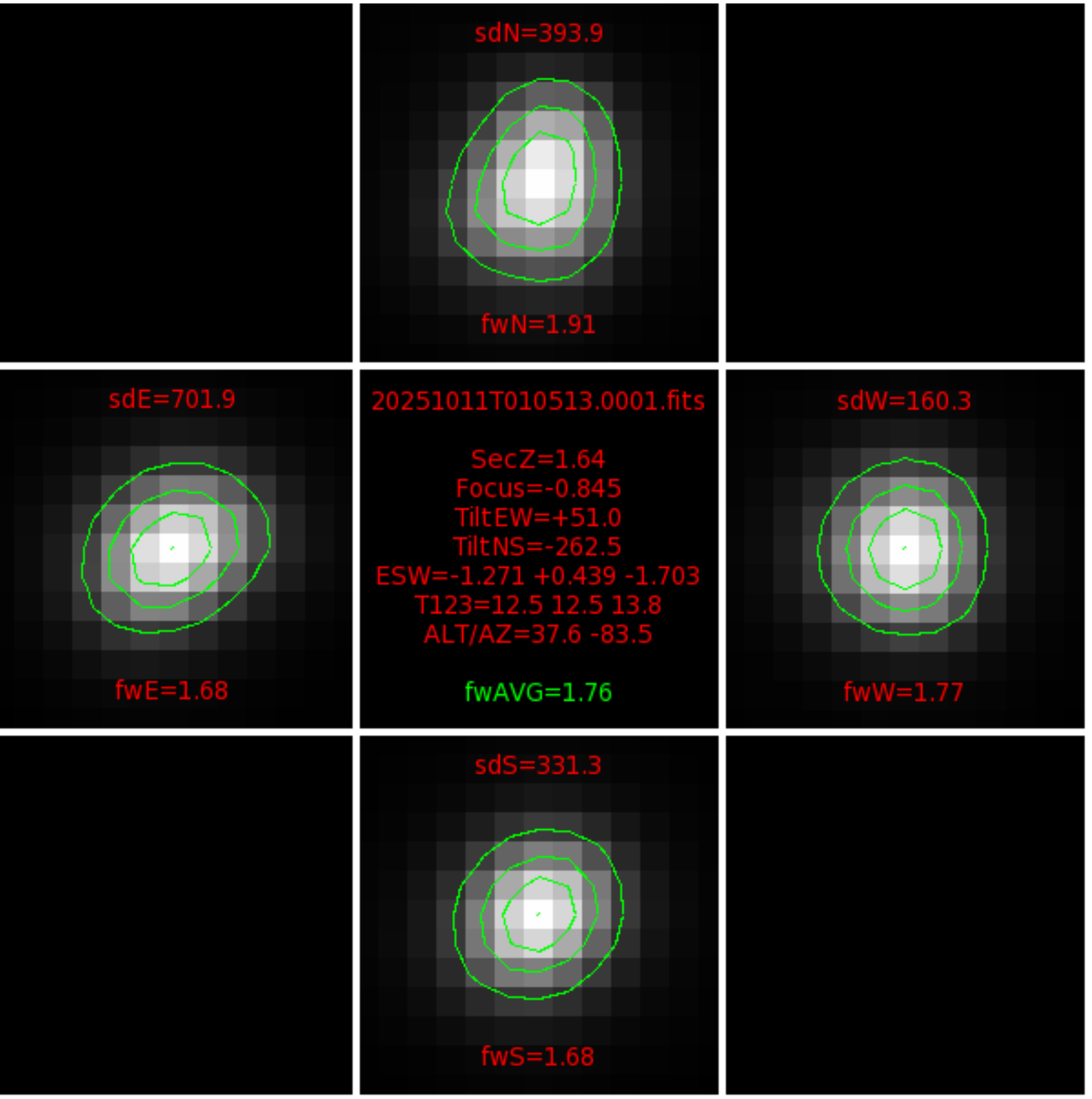
sdN=393.9
fwN=1.91
sdE=701.9
fwE=1.68
20251011T010513.0001.fits
SecZ=1.64
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.5 12.5 13.8
ALT/AZ=37.6 -83.5
fwAVG=1.76
sdW=160.3
fwW=1.77
sdS=331.3
fwS=1.68
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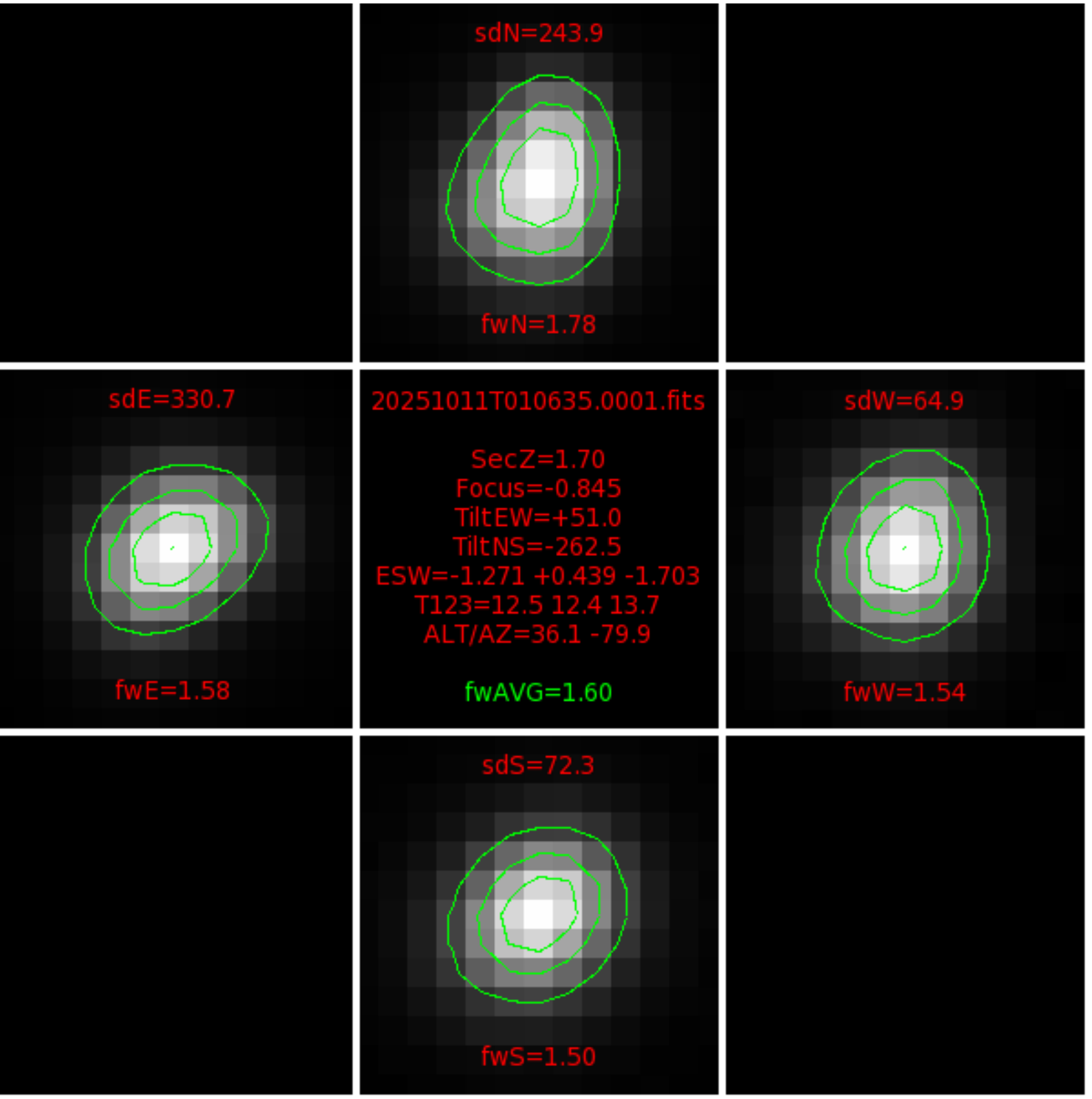
sdN=243.9
fwN=1.78
sdE=330.7
fwE=1.58
20251011T010635.0001.fits
SecZ=1.70
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.5 12.4 13.7
ALT/AZ=36.1 -79.9
fwAVG=1.60
sdW=64.9
fwW=1.54
sdS=72.3
fwS=1.50
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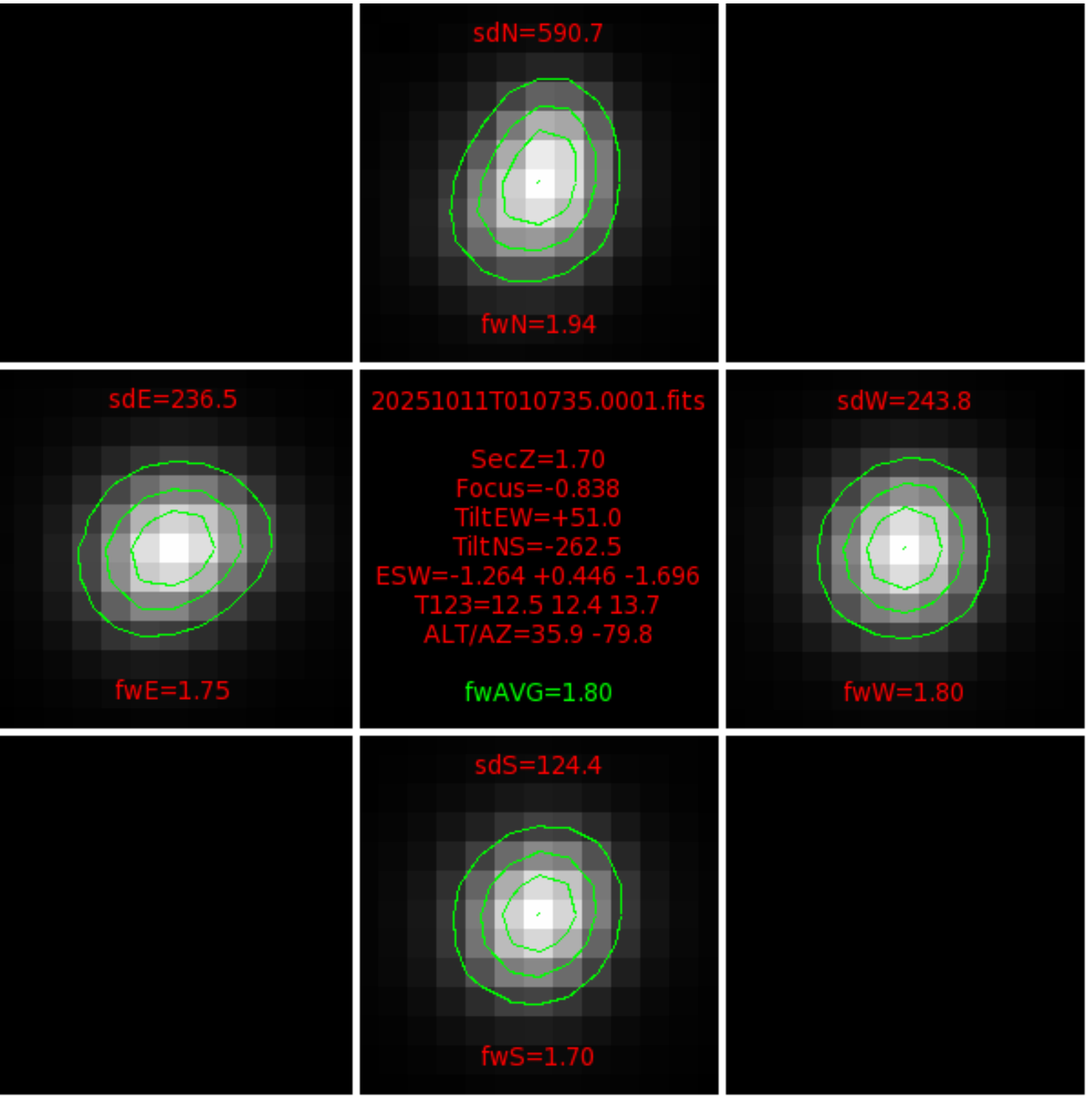
sdN=590.7
fwN=1.94
sdE=236.5
fwE=1.75
20251011T010735.0001.fits
SecZ=1.70
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=12.5 12.4 13.7
ALT/AZ=35.9 -79.8
fwAVG=1.80
sdW=243.8
fwW=1.80
sdS=124.4
fwS=1.70
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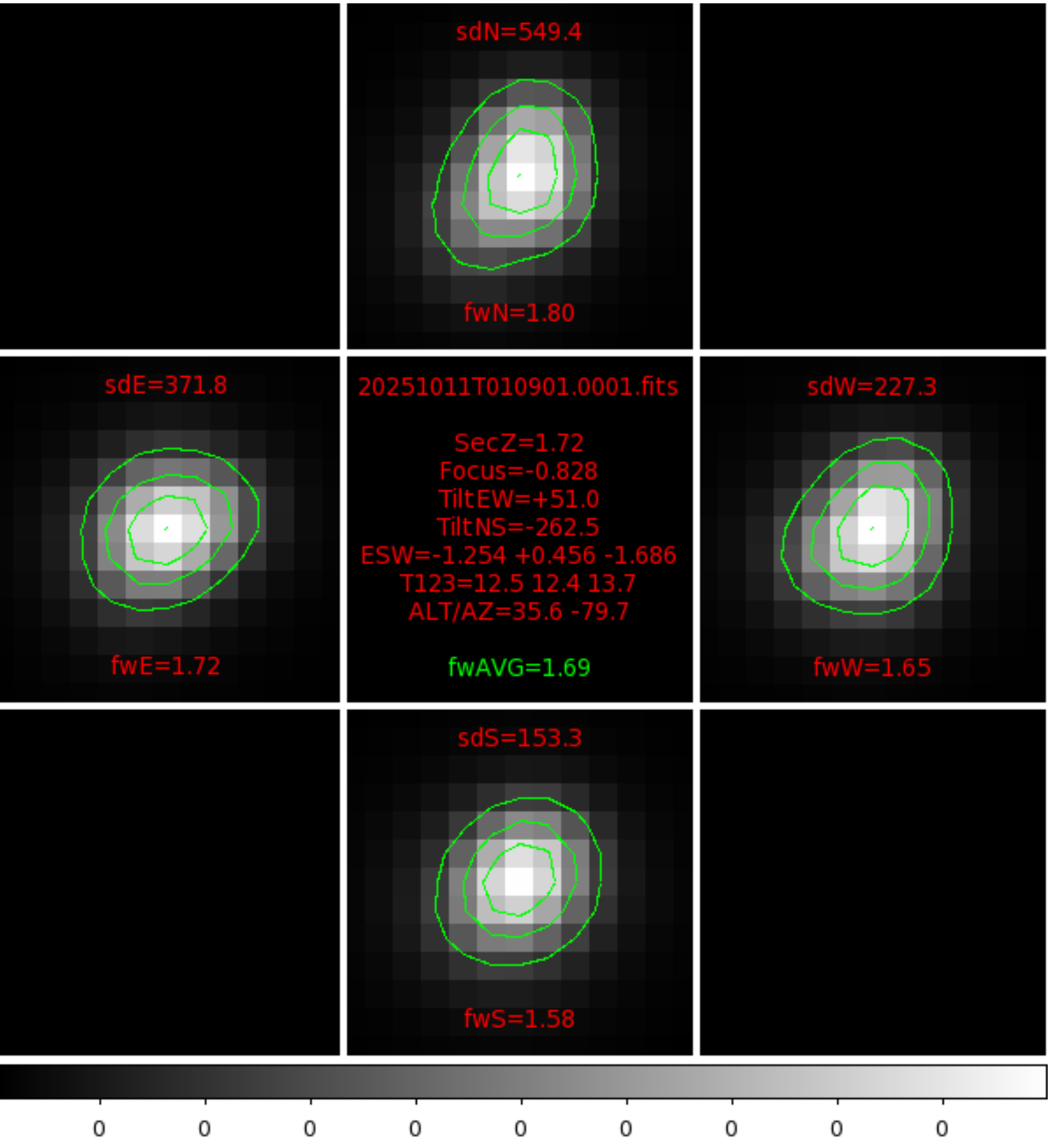
sdN=549.4
fwN=1.80
sdE=371.8
fwE=1.72
20251011T010901.0001.fits
SecZ=1.72
Focus=-0.828
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.254 +0.456 -1.686
T123=12.5 12.4 13.7
ALT/AZ=35.6 -79.7
fwAVG=1.69
sdW=227.3
fwW=1.65
sdS=153.3
fwS=1.58
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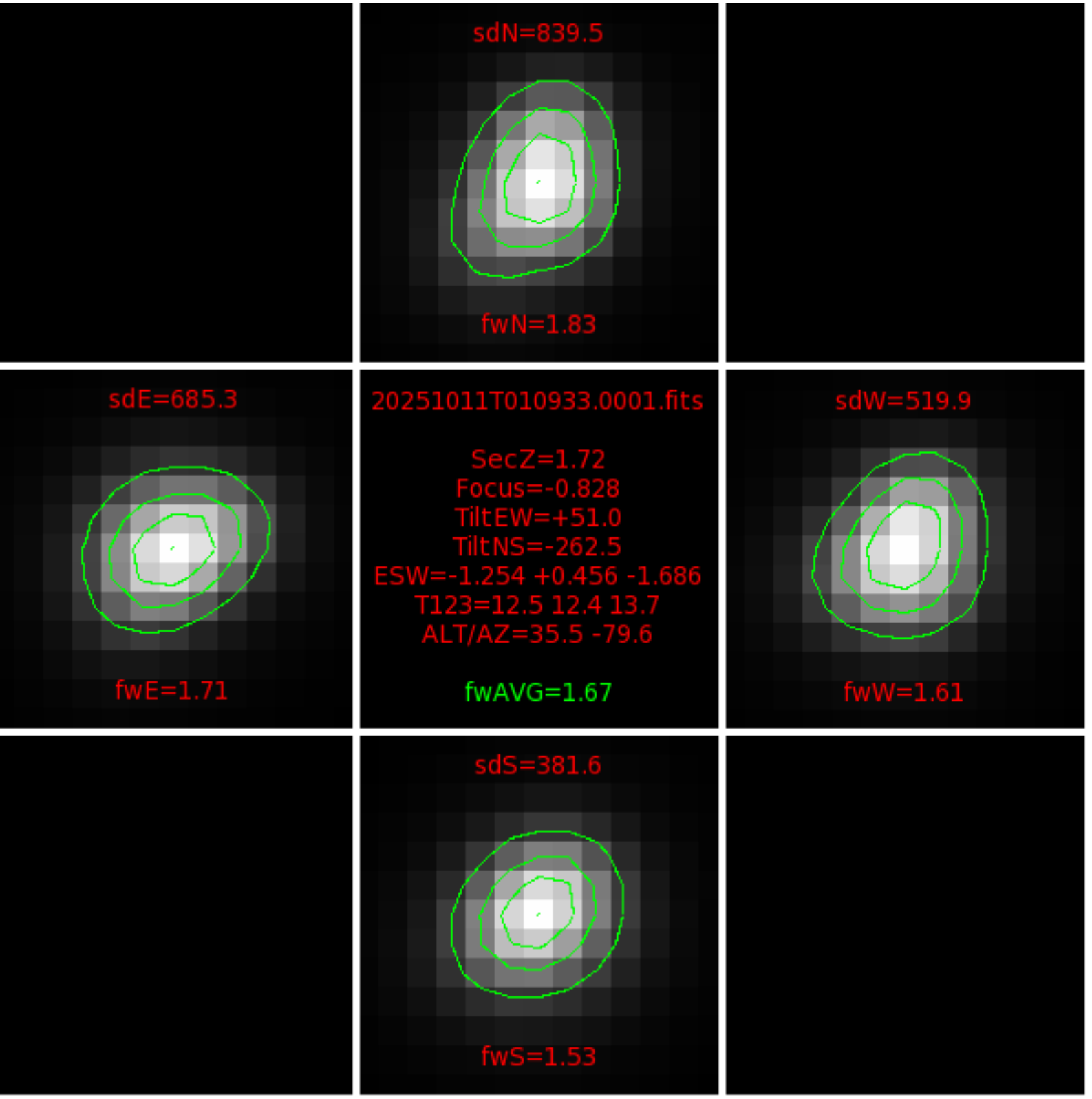
sdN=839.5
fwN=1.83
sdE=685.3
fwE=1.71
20251011T010933.0001.fits
SecZ=1.72
Focus=-0.828
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.254 +0.456 -1.686
T123=12.5 12.4 13.7
ALT/AZ=35.5 -79.6
fwAVG=1.67
sdW=519.9
fwW=1.61
sdS=381.6
fwS=1.53
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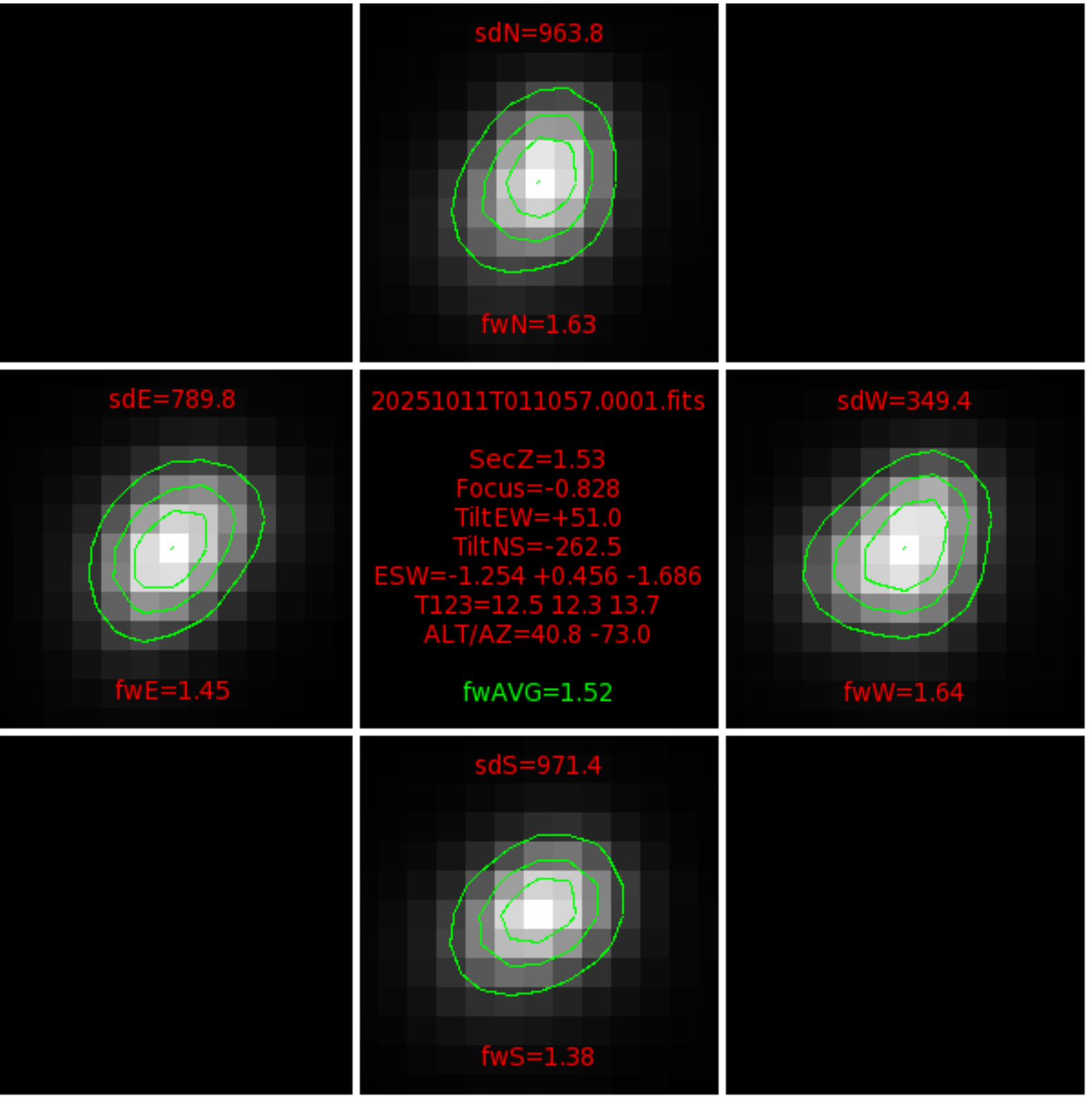
sdN=963.8
fwN=1.63
sdE=789.8
fwE=1.45
20251011T011057.0001.fits
SecZ=1.53
Focus=-0.828
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.254 +0.456 -1.686
T123=12.5 12.3 13.7
ALT/AZ=40.8 -73.0
fwAVG=1.52
sdW=349.4
fwW=1.64
sdS=971.4
fwS=1.38
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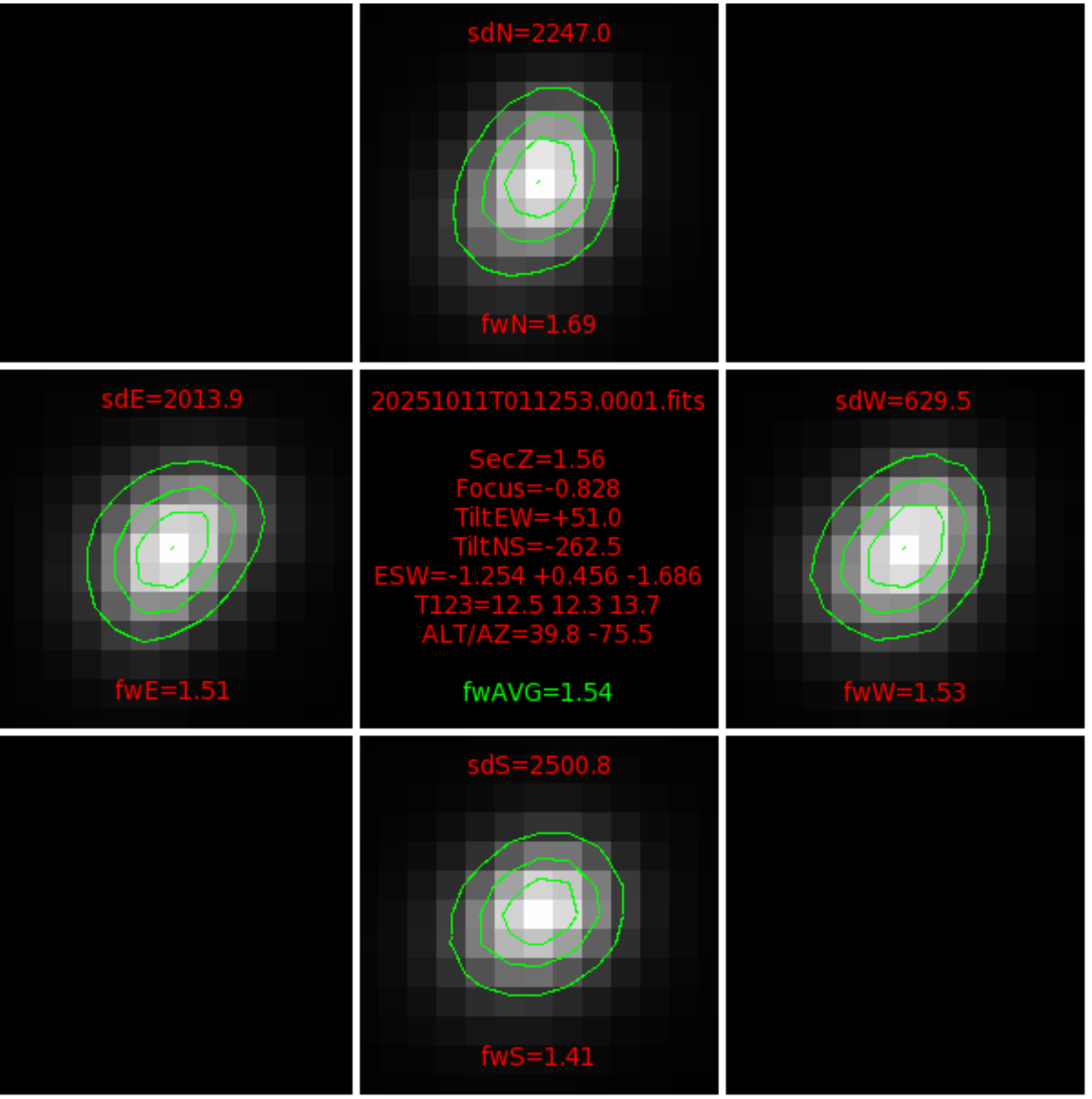
sdN=2247.0
fwN=1.69
sdE=2013.9
fwE=1.51
20251011T011253.0001.fits
SecZ=1.56
Focus=-0.828
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.254 +0.456 -1.686
T123=12.5 12.3 13.7
ALT/AZ=39.8 -75.5
fwAVG=1.54
sdW=629.5
fwW=1.53
sdS=2500.8
fwS=1.41
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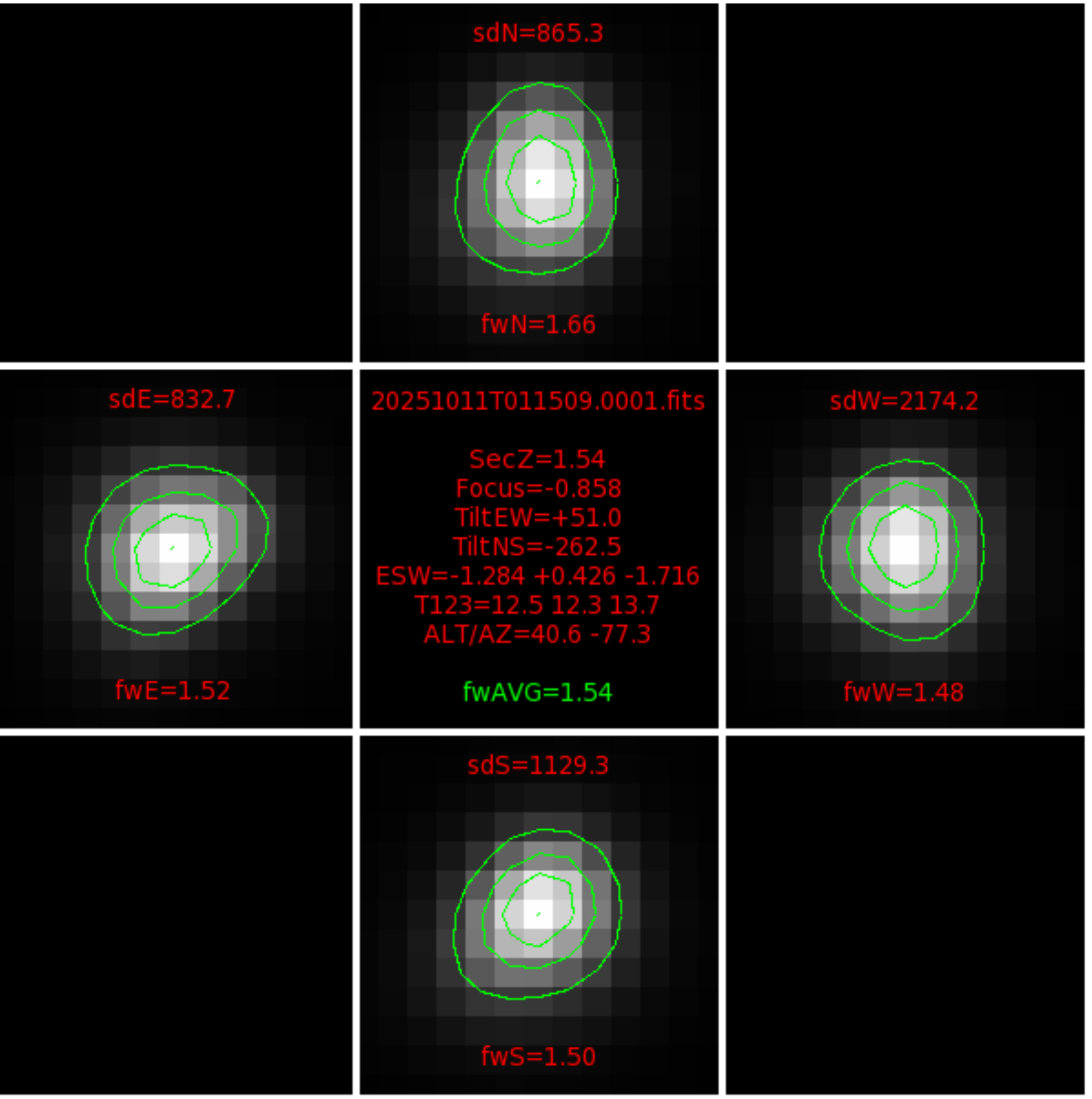
sdN=865.3
fwN=1.66
sdE=832.7
fwE=1.52
20251011T011509.0001.fits
SecZ=1.54
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.3 13.7
ALT/AZ=40.6 -77.3
fwAVG=1.54
sdW=2174.2
fwW=1.48
sdS=1129.3
fwS=1.50
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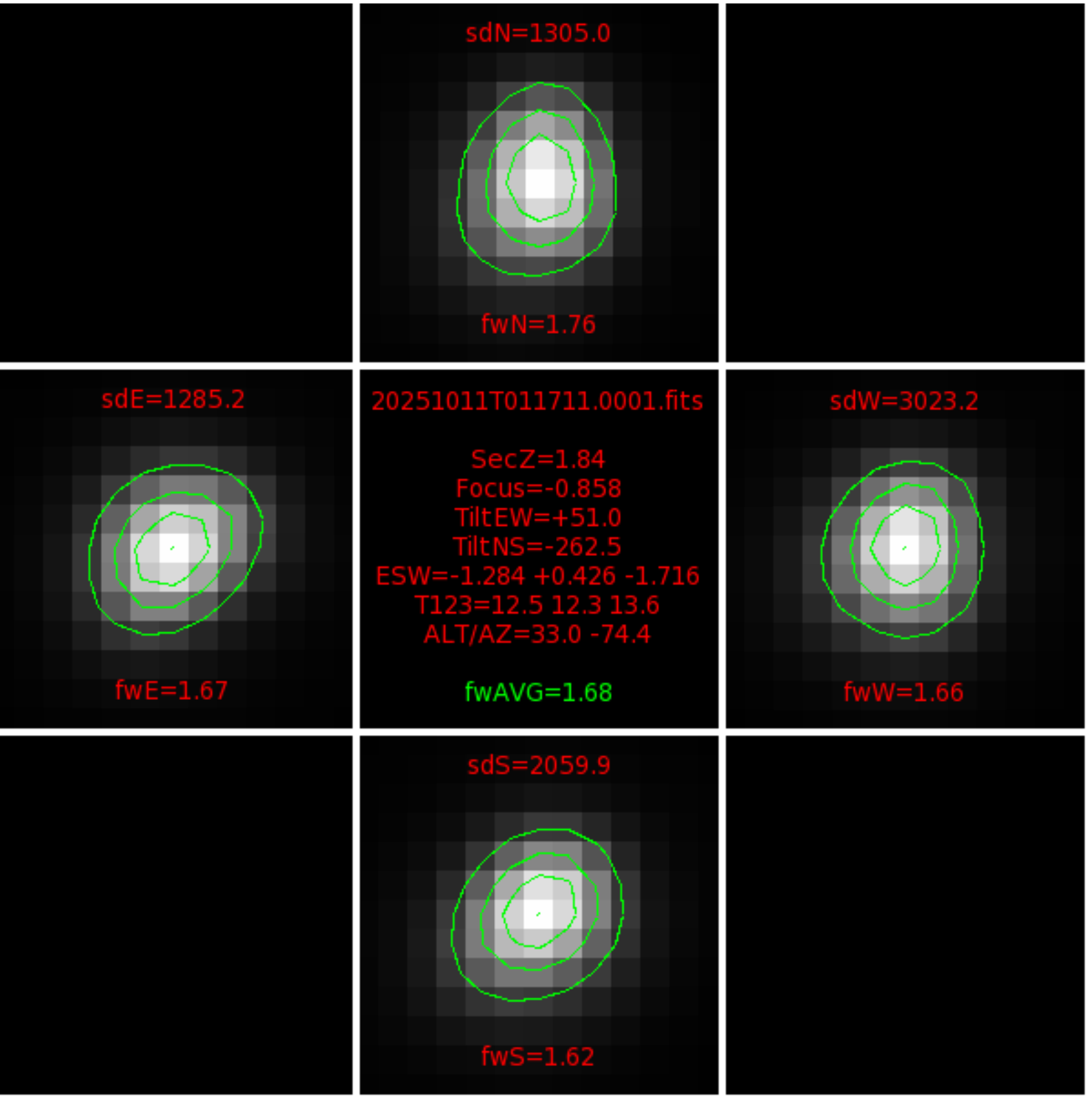
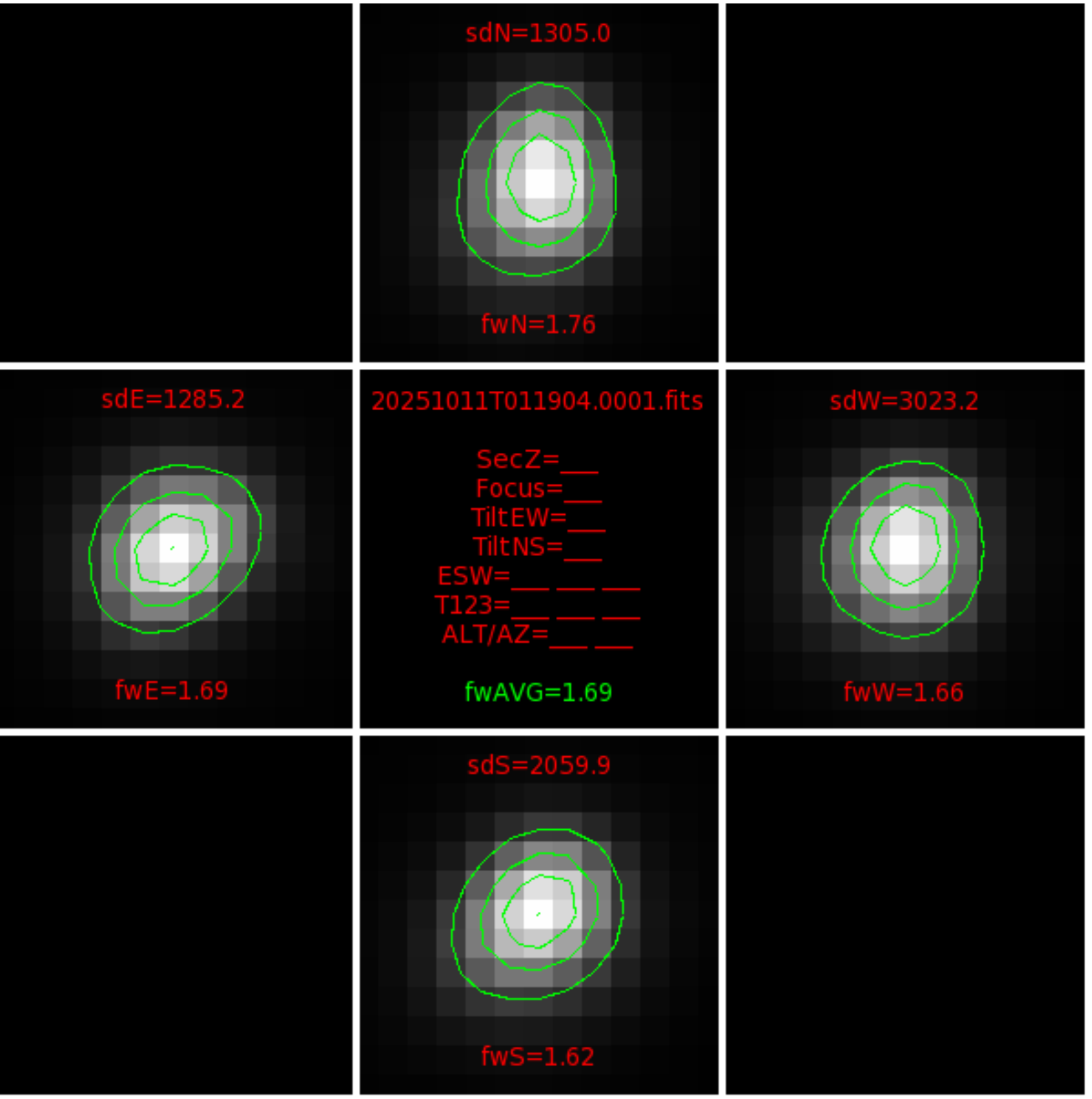

sdN=1305.0
fwN=1.76
sdE=1285.2
fwE=1.67
20251011T011711.0001.fits
SecZ=1.84
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.5 12.3 13.6
ALT/AZ=33.0 -74.4
fwAVG=1.68
sdW=3023.2
fwW=1.66
sdS=2059.9
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=1305.0
fwN=1.76
sdE=1285.2
fwE=1.69
20251011T011904.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=1.69
sdW=3023.2
fwW=1.66
sdS=2059.9
fwS=1.62
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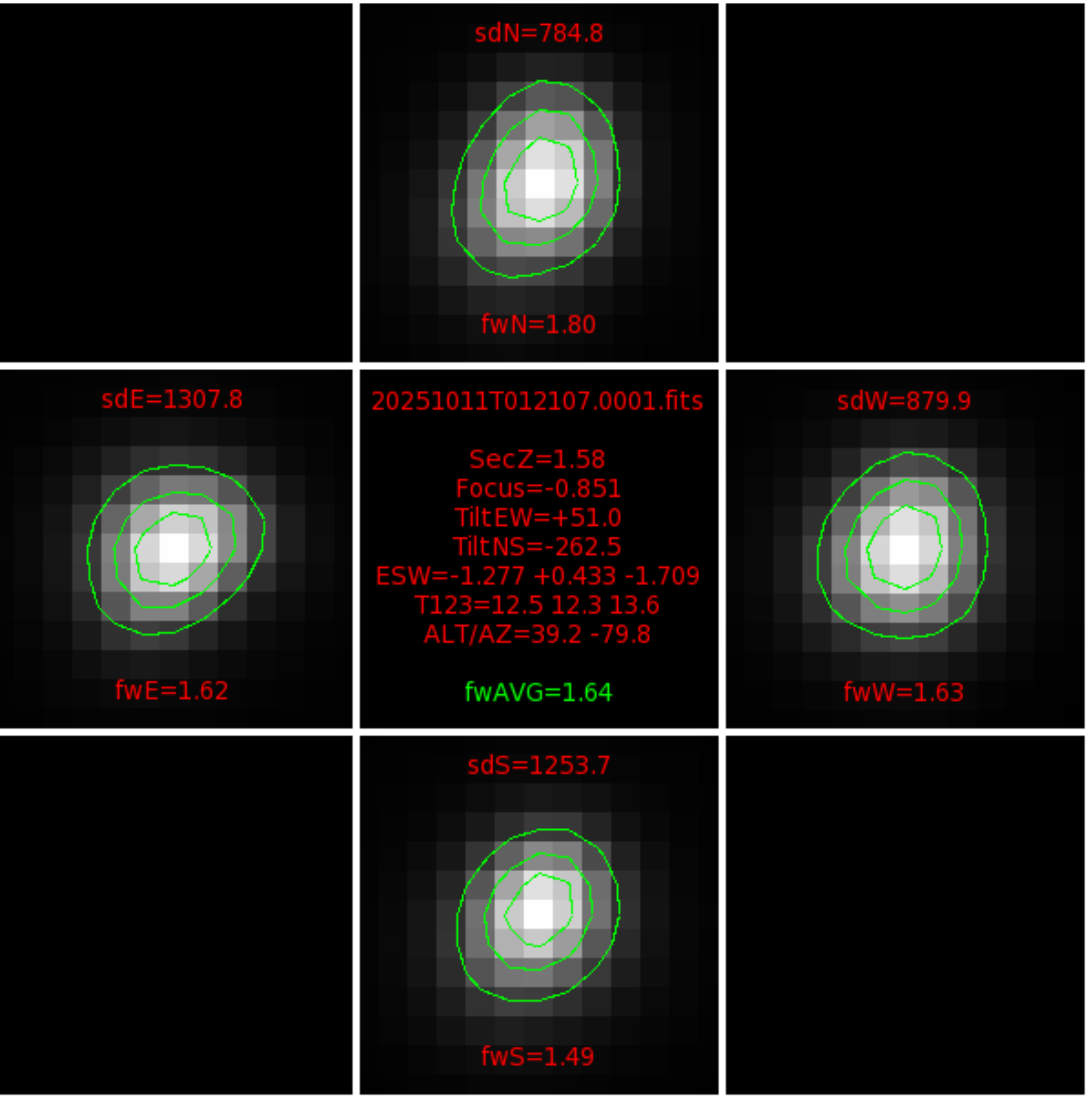
sdN=784.8
fwN=1.80
sdE=1307.8
fwE=1.62
20251011T012107.0001.fits
SecZ=1.58
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.5 12.3 13.6
ALT/AZ=39.2 -79.8
fwAVG=1.64
sdW=879.9
fwW=1.63
sdS=1253.7
fwS=1.49
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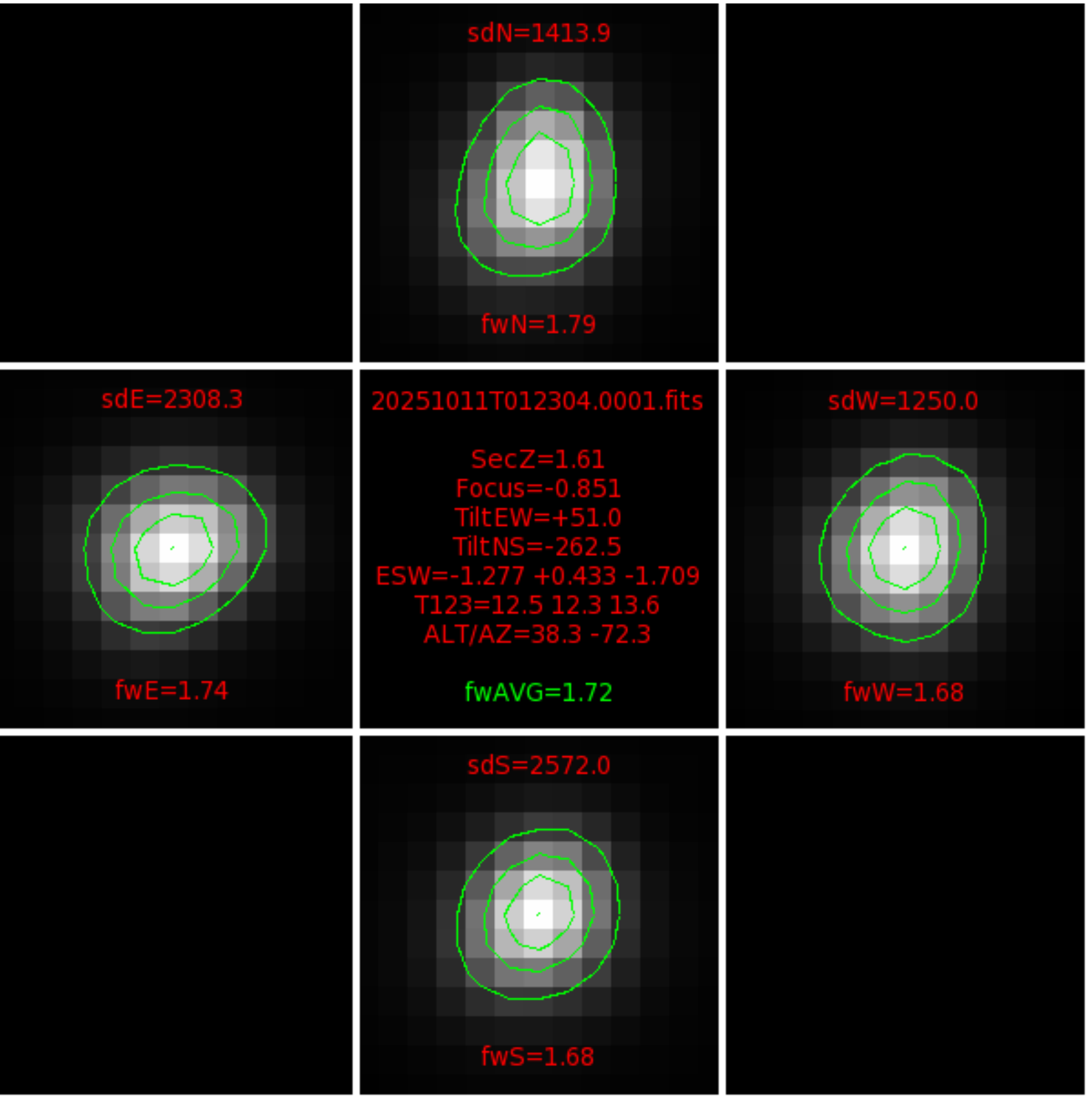
sdN=1413.9
fwN=1.79
sdE=2308.3
fwE=1.74
20251011T012304.0001.fits
SecZ=1.61
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.5 12.3 13.6
ALT/AZ=38.3 -72.3
fwAVG=1.72
sdW=1250.0
fwW=1.68
sdS=2572.0
fwS=1.68
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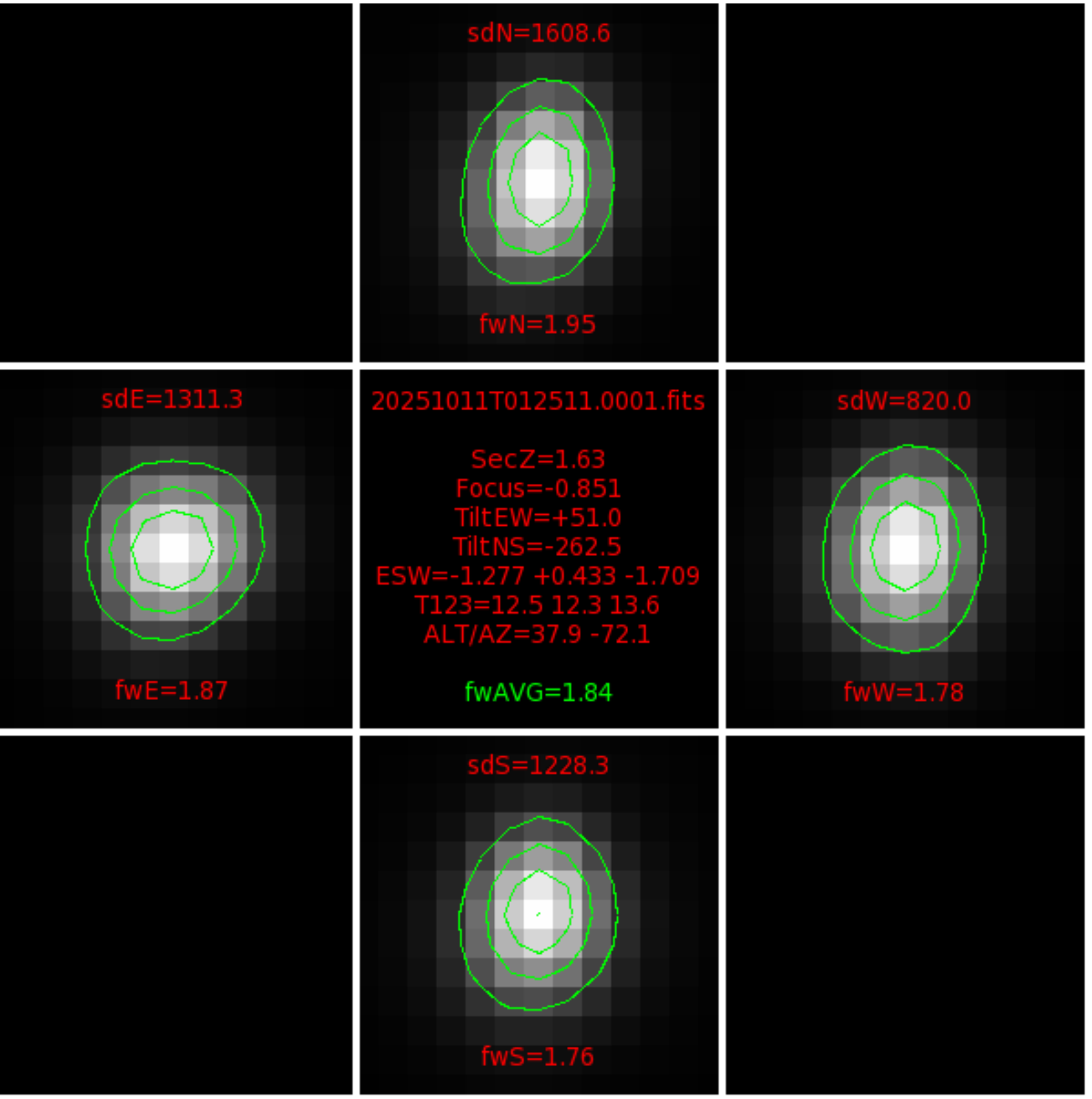
sdN=1608.6
fwN=1.95
sdE=1311.3
fwE=1.87
20251011T012511.0001.fits
SecZ=1.63
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.5 12.3 13.6
ALT/AZ=37.9 -72.1
fwAVG=1.84
sdW=820.0
fwW=1.78
sdS=1228.3
fwS=1.76
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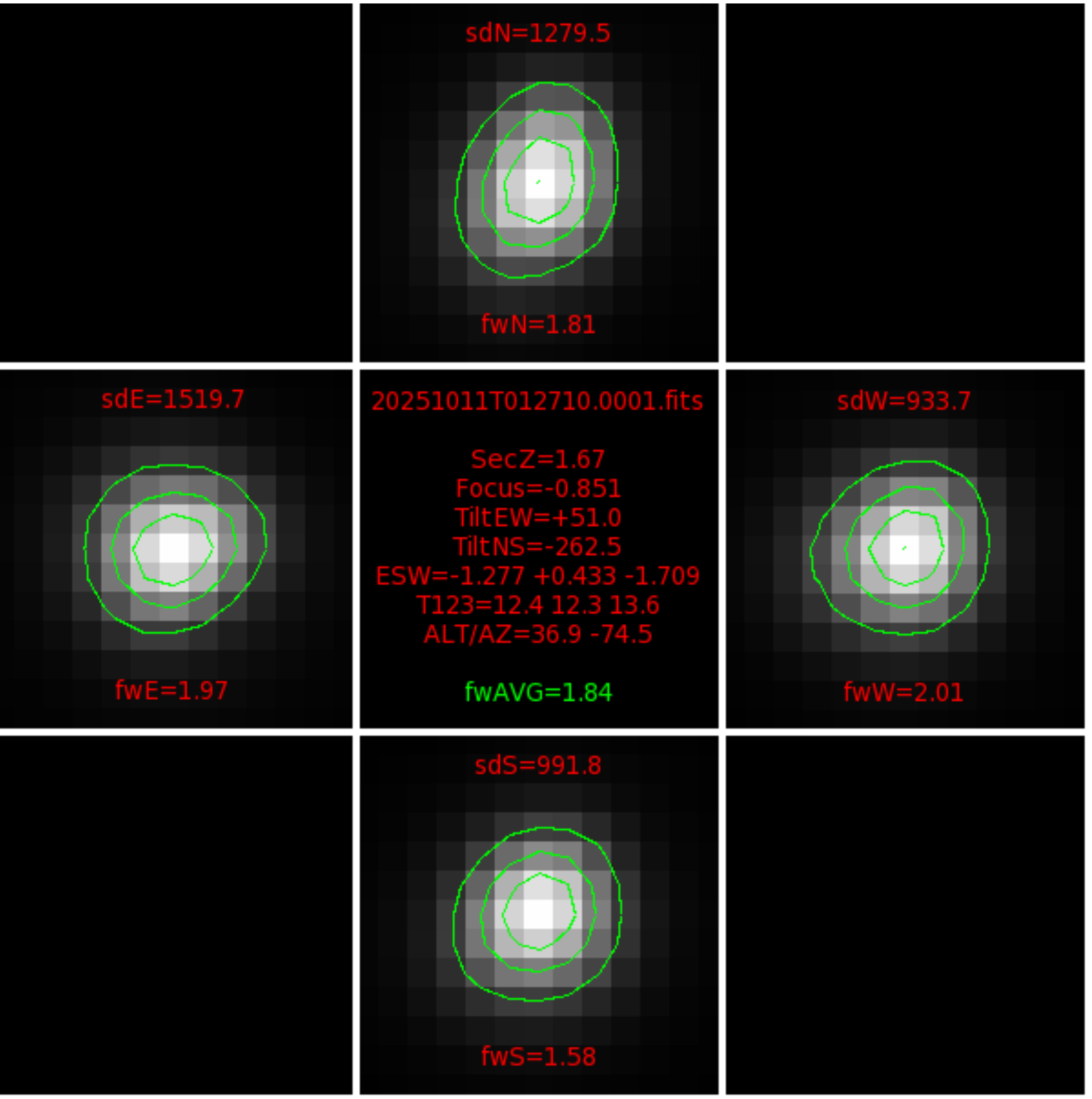
sdN=1279.5
fwN=1.81
sdE=1519.7
fwE=1.97
20251011T012710.0001.fits
SecZ=1.67
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.4 12.3 13.6
ALT/AZ=36.9 -74.5
fwAVG=1.84
sdW=933.7
fwW=2.01
sdS=991.8
fwS=1.58
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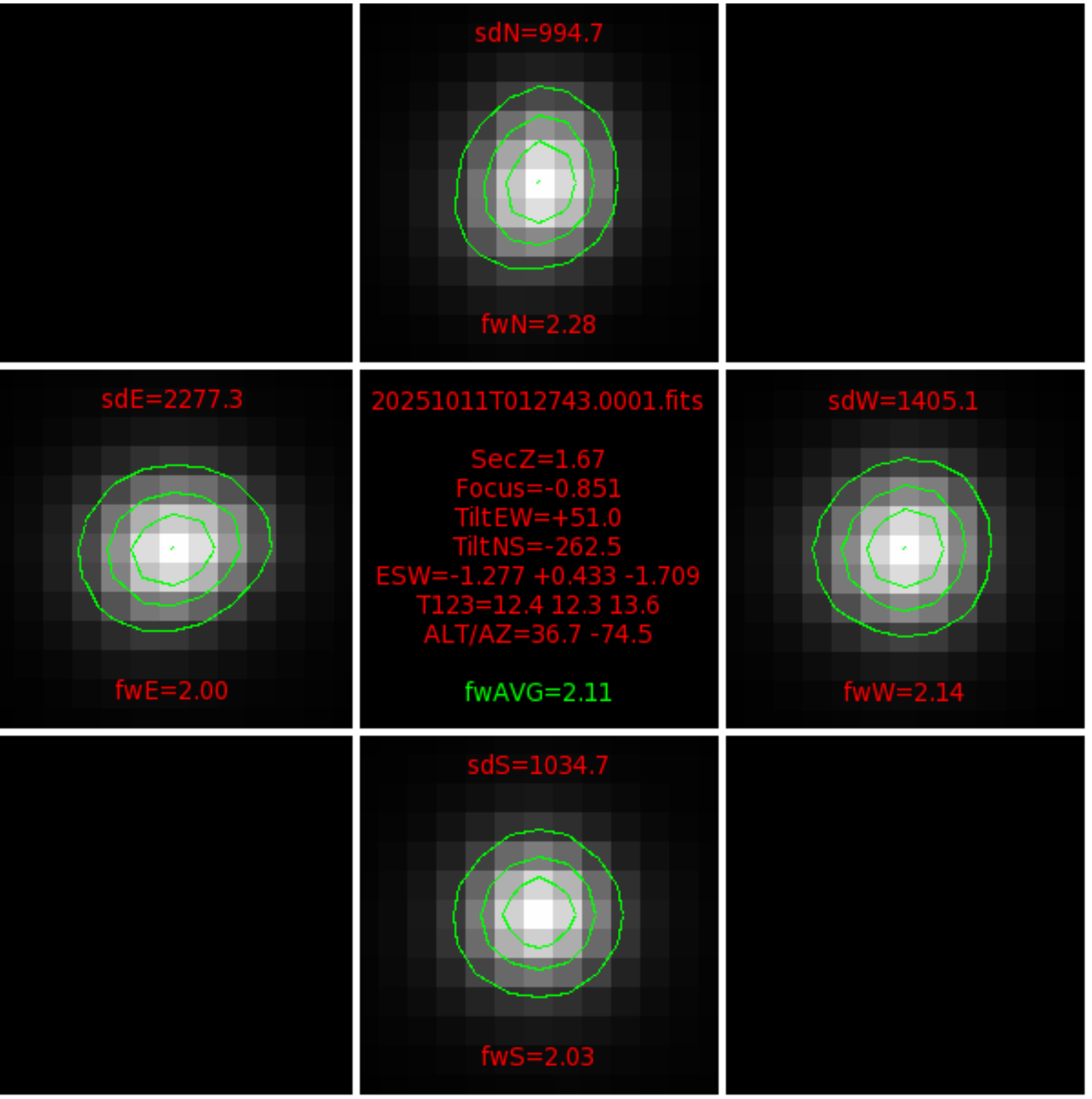
sdN=994.7
fwN=2.28
sdE=2277.3
fwE=2.00
20251011T012743.0001.fits
SecZ=1.67
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.4 12.3 13.6
ALT/AZ=36.7 -74.5
fwAVG=2.11
sdW=1405.1
fwW=2.14
sdS=1034.7
fwS=2.03
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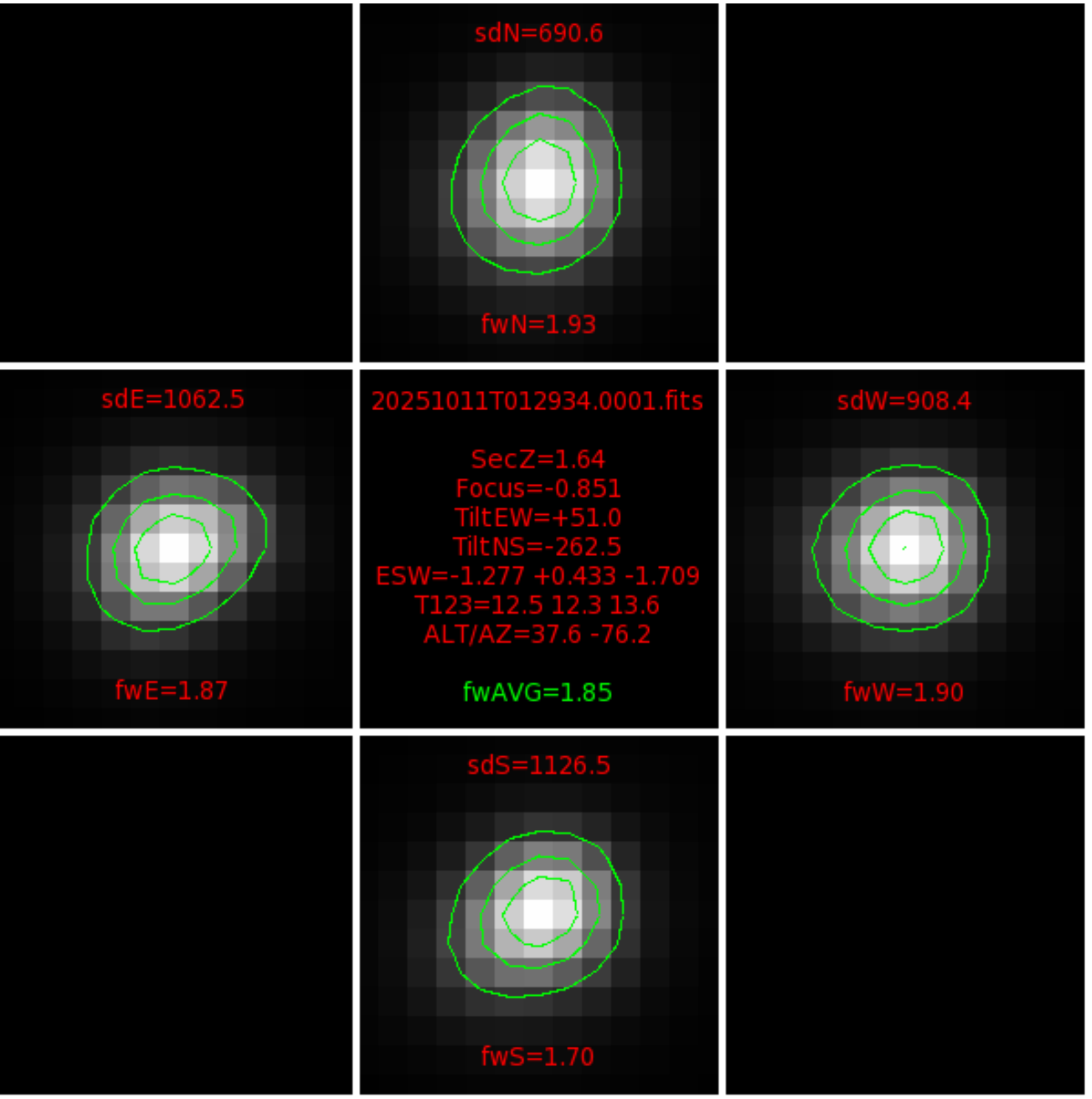
sdN=690.6
fwN=1.93
sdE=1062.5
fwE=1.87
20251011T012934.0001.fits
SecZ=1.64
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.5 12.3 13.6
ALT/AZ=37.6 -76.2
fwAVG=1.85
sdW=908.4
fwW=1.90
sdS=1126.5
fwS=1.70
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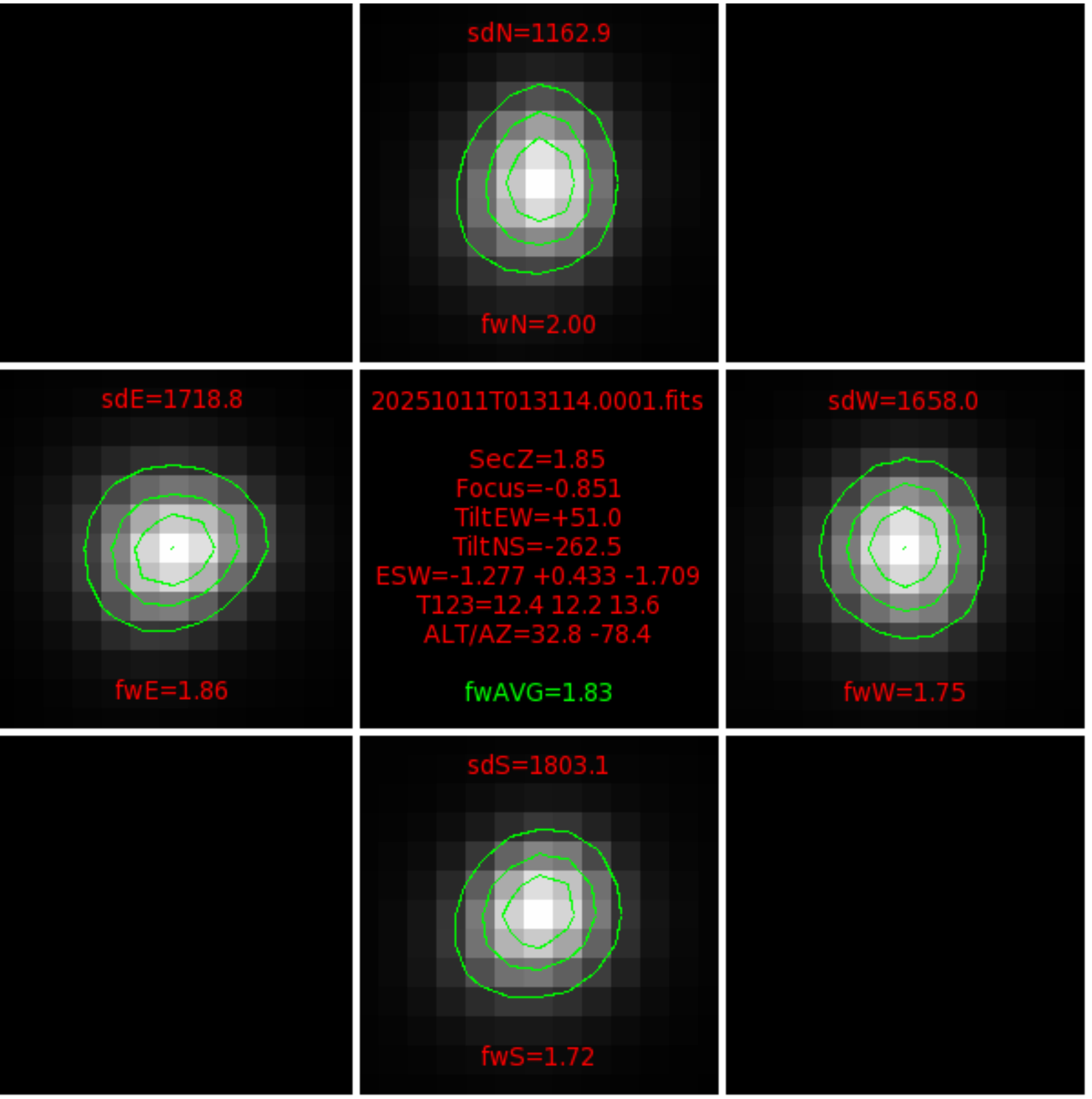
sdN=1162.9
fwN=2.00
sdE=1718.8
fwE=1.86
20251011T013114.0001.fits
SecZ=1.85
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.4 12.2 13.6
ALT/AZ=32.8 -78.4
fwAVG=1.83
sdW=1658.0
fwW=1.75
sdS=1803.1
fwS=1.72
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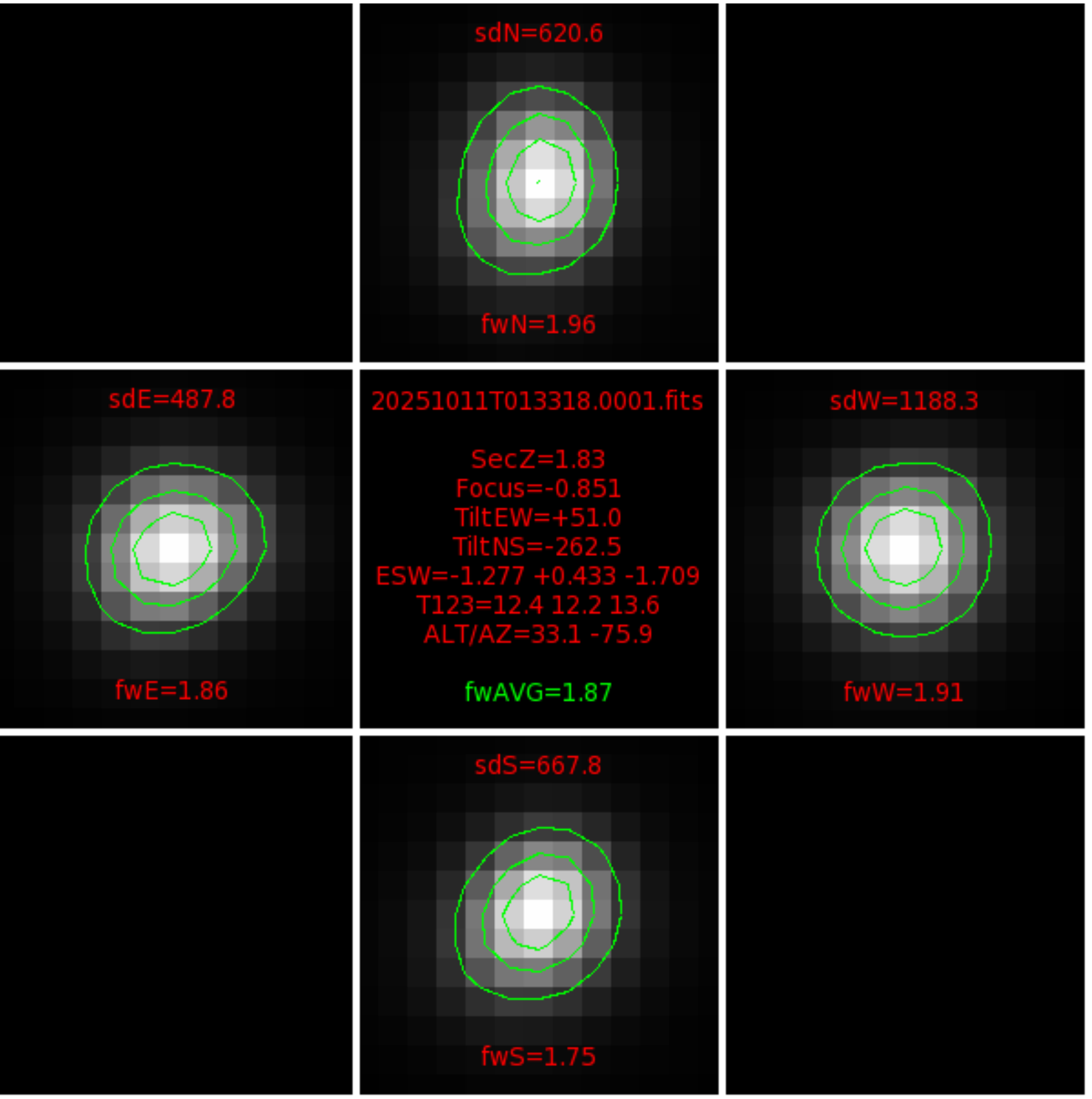
sdN=620.6
fwN=1.96
sdE=487.8
fwE=1.86
20251011T013318.0001.fits
SecZ=1.83
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.4 12.2 13.6
ALT/AZ=33.1 -75.9
fwAVG=1.87
sdW=1188.3
fwW=1.91
sdS=667.8
fwS=1.75
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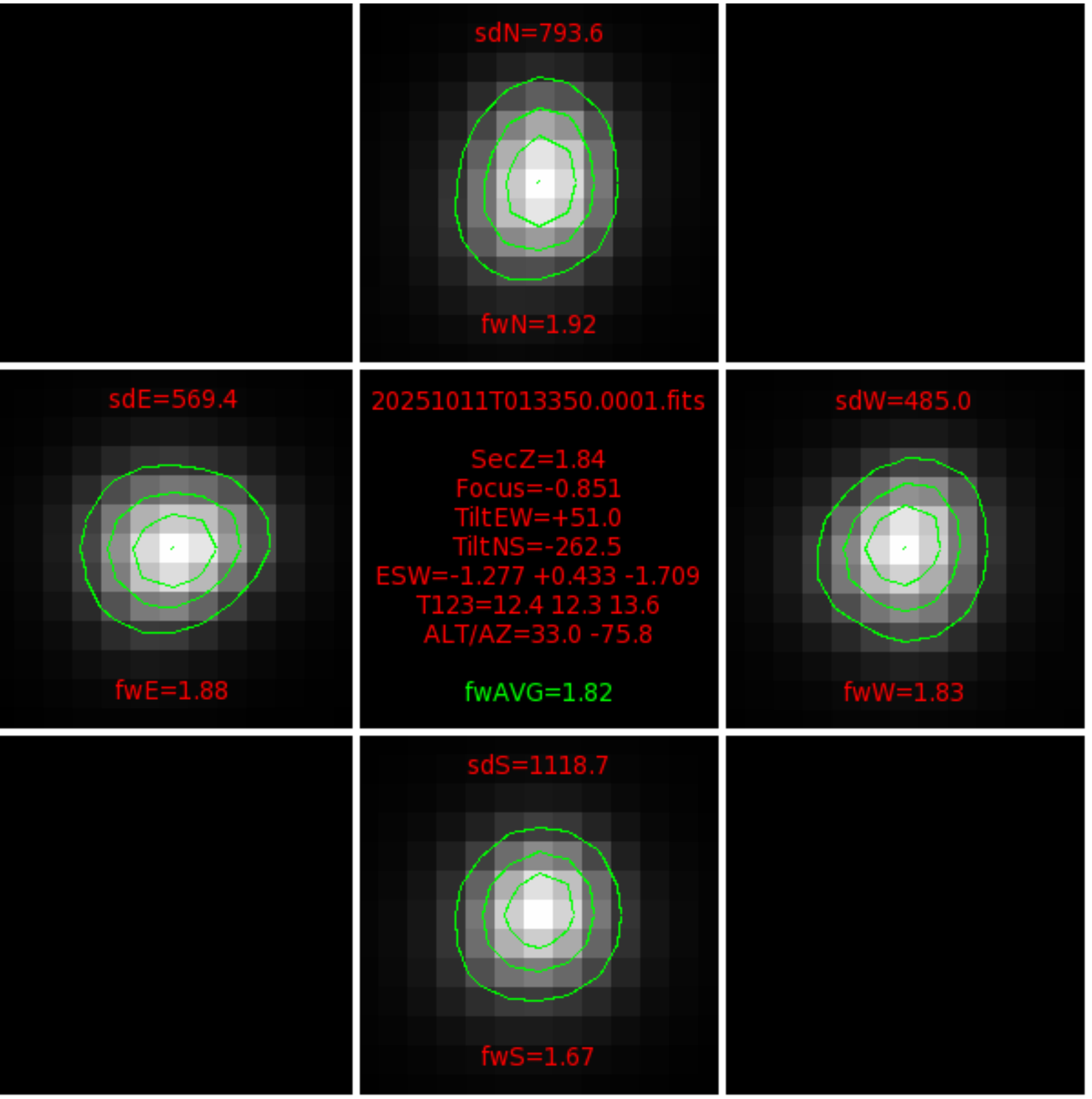
sdN=793.6
fwN=1.92
sdE=569.4
fwE=1.88
20251011T013350.0001.fits
SecZ=1.84
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.4 12.3 13.6
ALT/AZ=33.0 -75.8
fwAVG=1.82
sdW=485.0
fwW=1.83
sdS=1118.7
fwS=1.67
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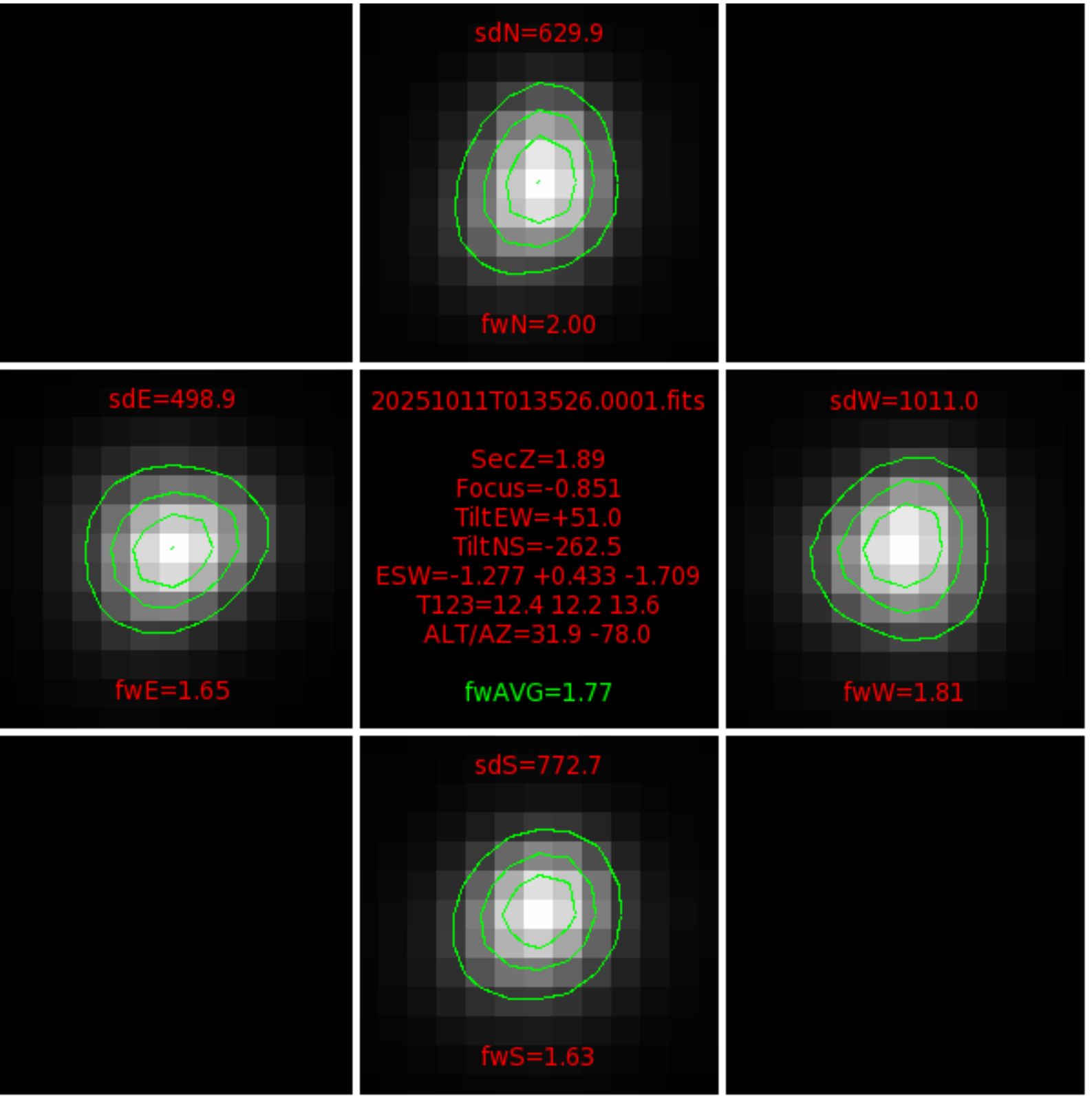
sdN=629.9
fwN=2.00
sdE=498.9
fwE=1.65
20251011T013526.0001.fits
SecZ=1.89
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.4 12.2 13.6
ALT/AZ=31.9 -78.0
fwAVG=1.77
sdW=1011.0
fwW=1.81
sdS=772.7
fwS=1.63
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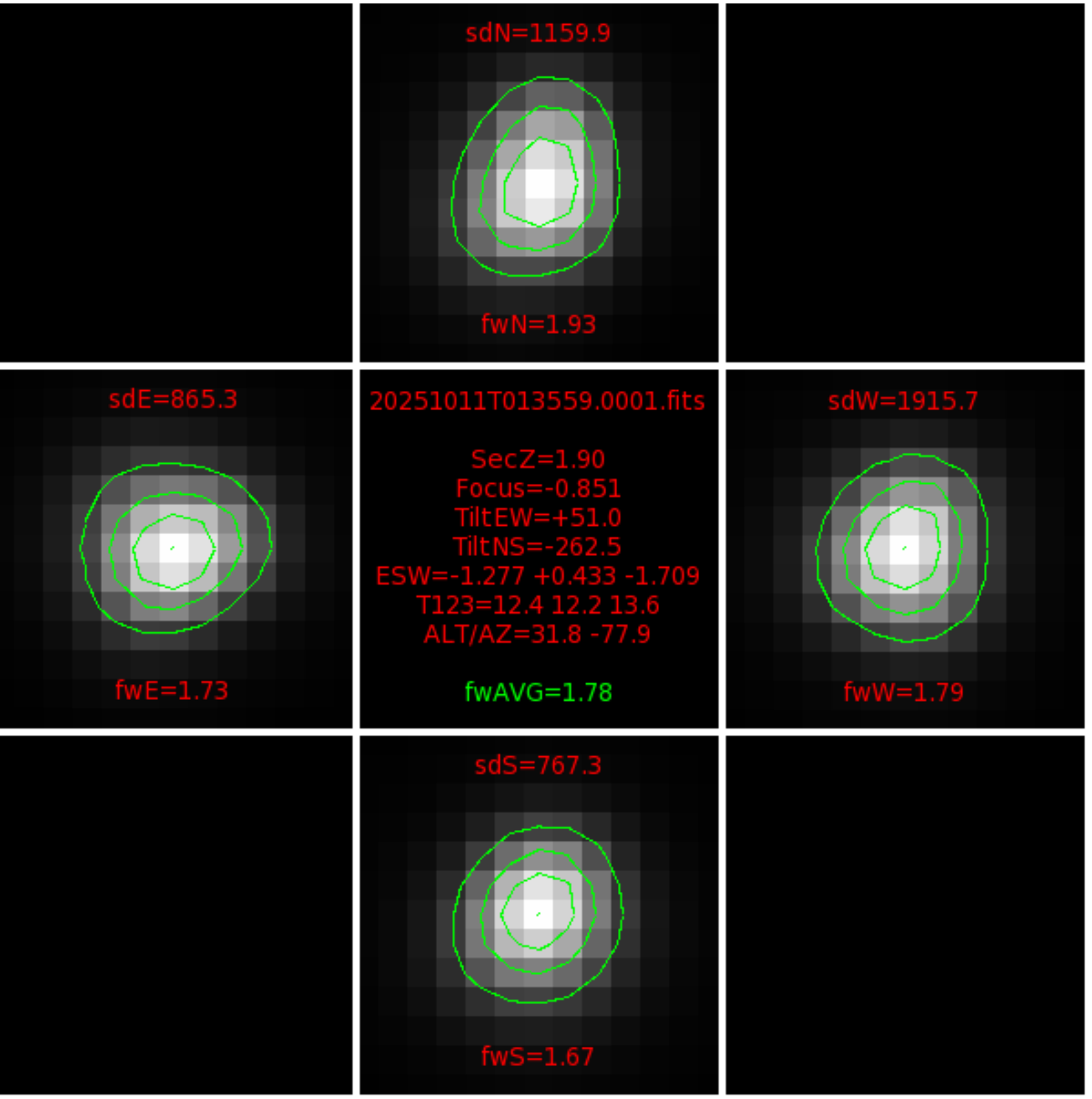
sdN=1159.9
fwN=1.93
sdE=865.3
fwE=1.73
20251011T013559.0001.fits
SecZ=1.90
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.4 12.2 13.6
ALT/AZ=31.8 -77.9
fwAVG=1.78
sdW=1915.7
fwW=1.79
sdS=767.3
fwS=1.67
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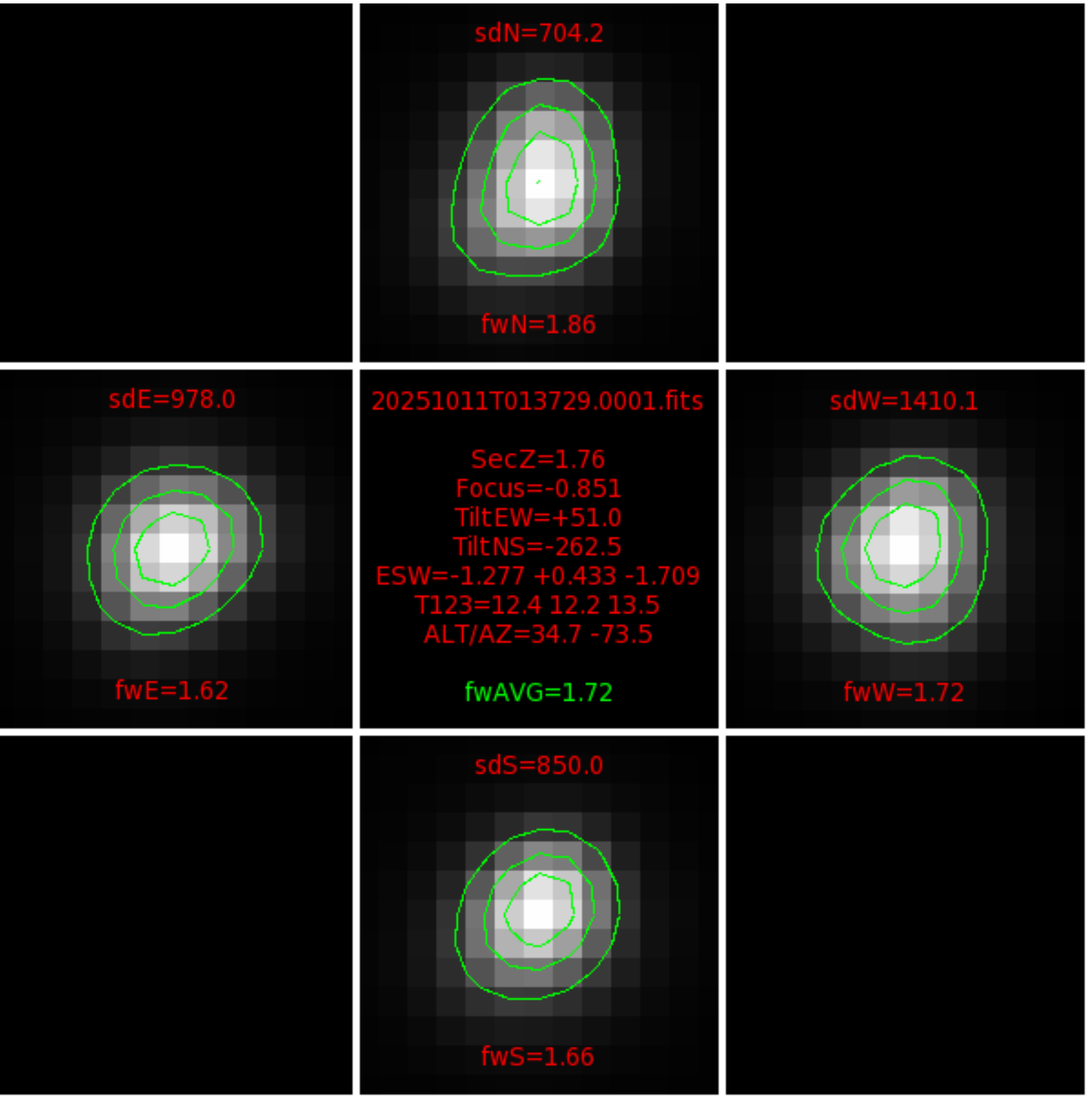
sdN=704.2
fwN=1.86
sdE=978.0
fwE=1.62
20251011T013729.0001.fits
SecZ=1.76
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.4 12.2 13.5
ALT/AZ=34.7 -73.5
fwAVG=1.72
sdW=1410.1
fwW=1.72
sdS=850.0
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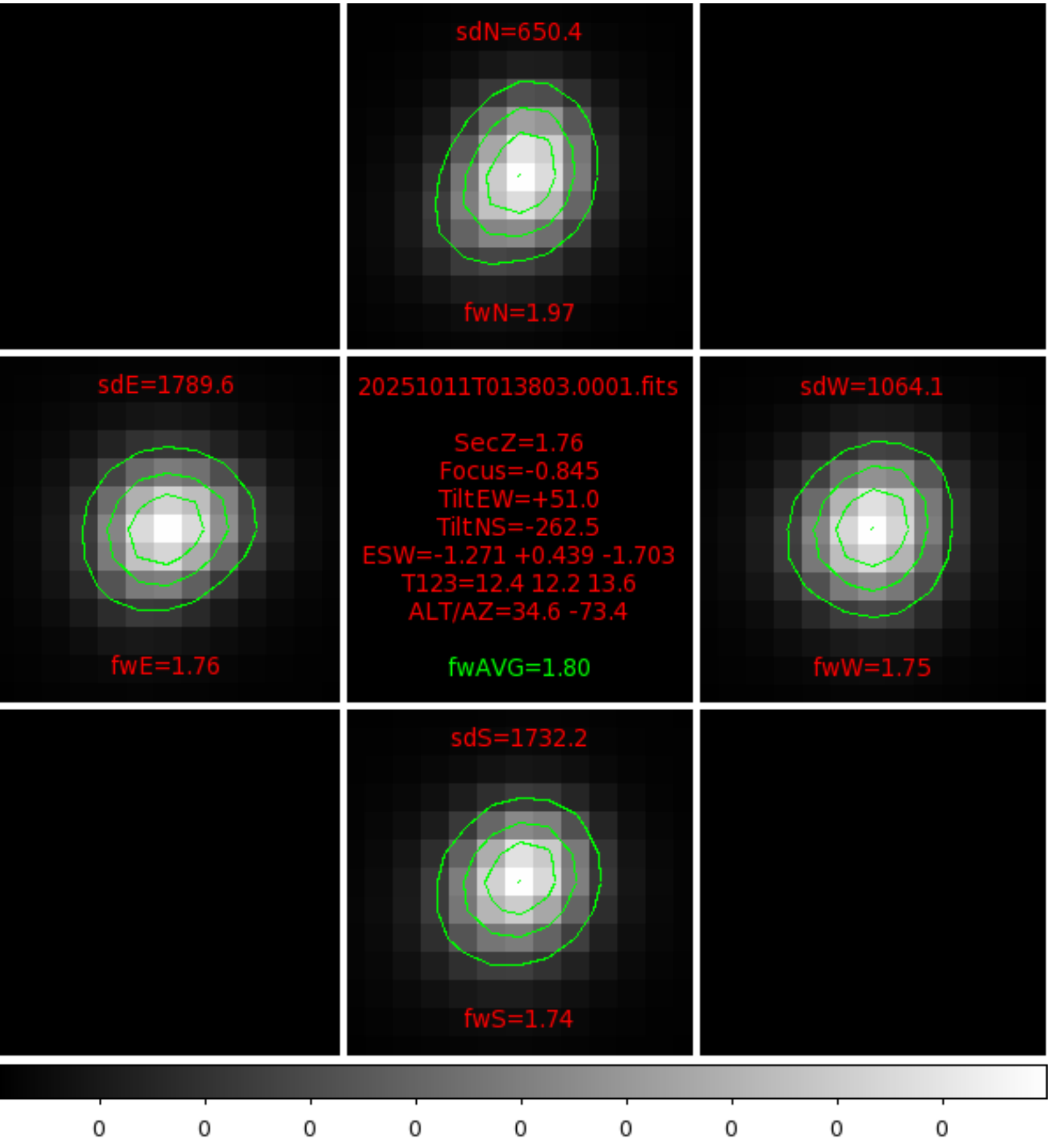
sdN=650.4
fwN=1.97
sdE=1789.6
fwE=1.76
20251011T013803.0001.fits
SecZ=1.76
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.4 12.2 13.6
ALT/AZ=34.6 -73.4
fwAVG=1.80
sdW=1064.1
fwW=1.75
sdS=1732.2
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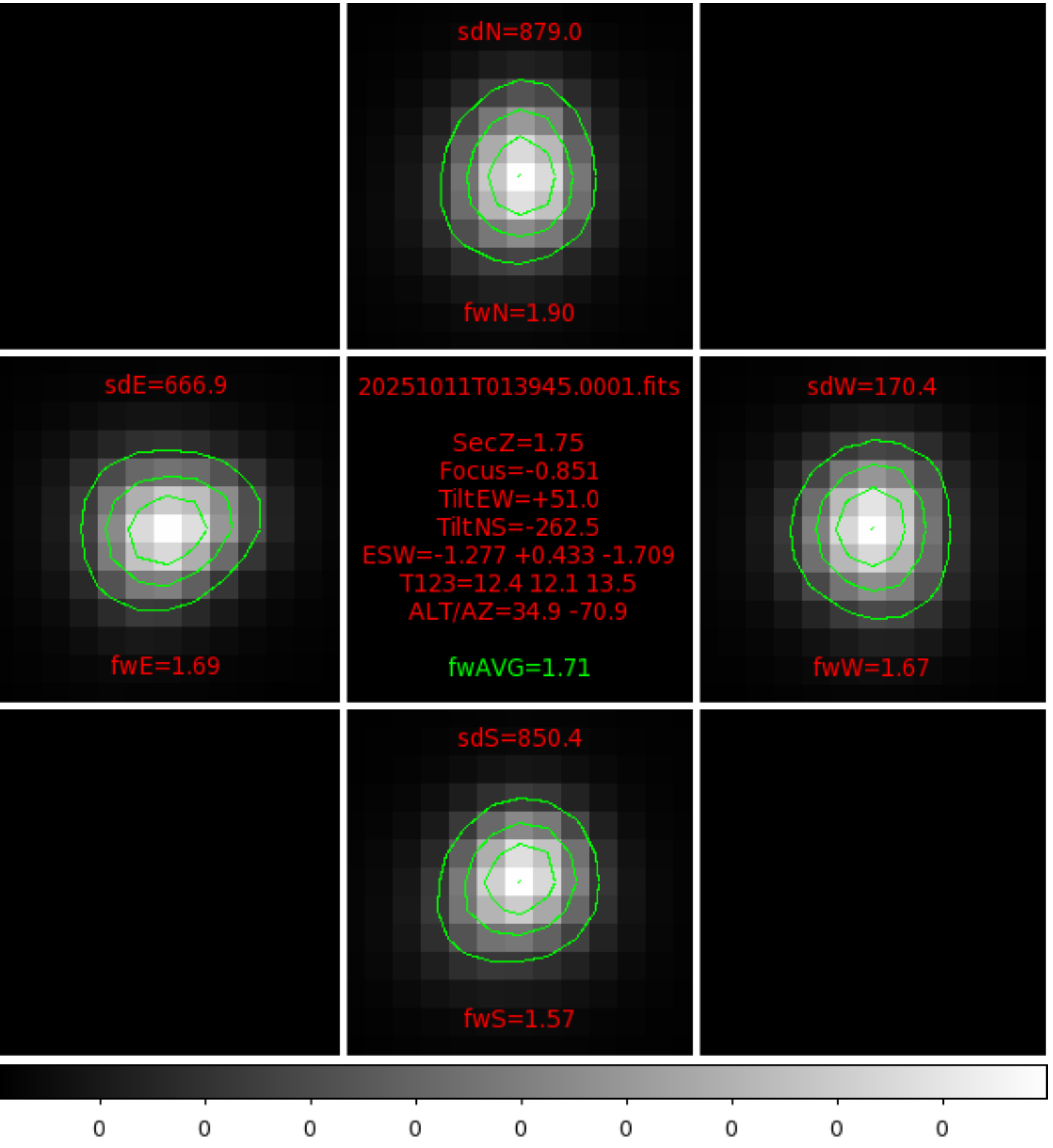
sdN=879.0
fwN=1.90
sdE=666.9
fwE=1.69
20251011T013945.0001.fits
SecZ=1.75
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.4 12.1 13.5
ALT/AZ=34.9 -70.9
fwAVG=1.71
sdW=170.4
fwW=1.67
sdS=850.4
fwS=1.57
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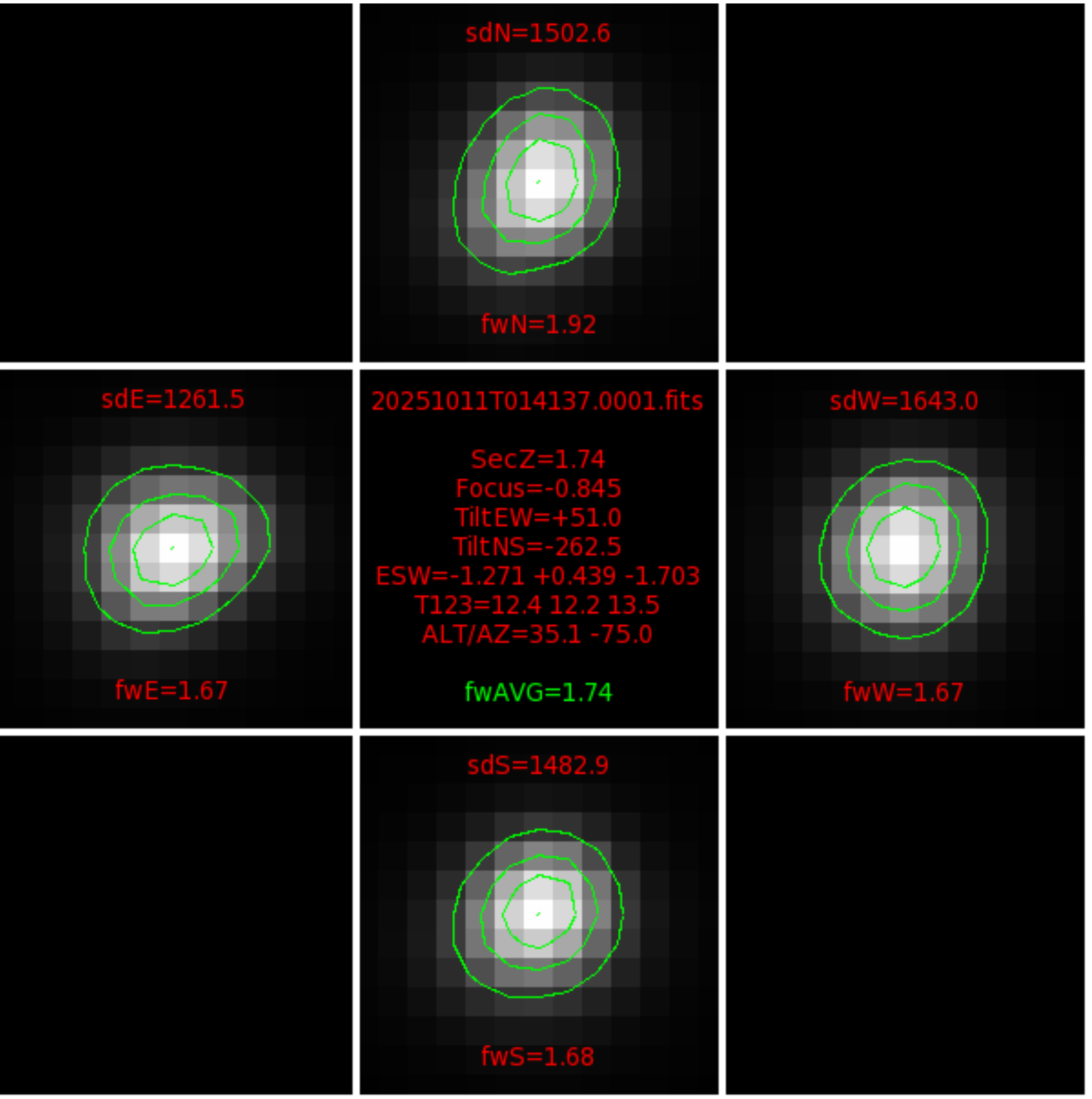
sdN=1502.6
fwN=1.92
sdE=1261.5
fwE=1.67
20251011T014137.0001.fits
SecZ=1.74
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.4 12.2 13.5
ALT/AZ=35.1 -75.0
fwAVG=1.74
sdW=1643.0
fwW=1.67
sdS=1482.9
fwS=1.68
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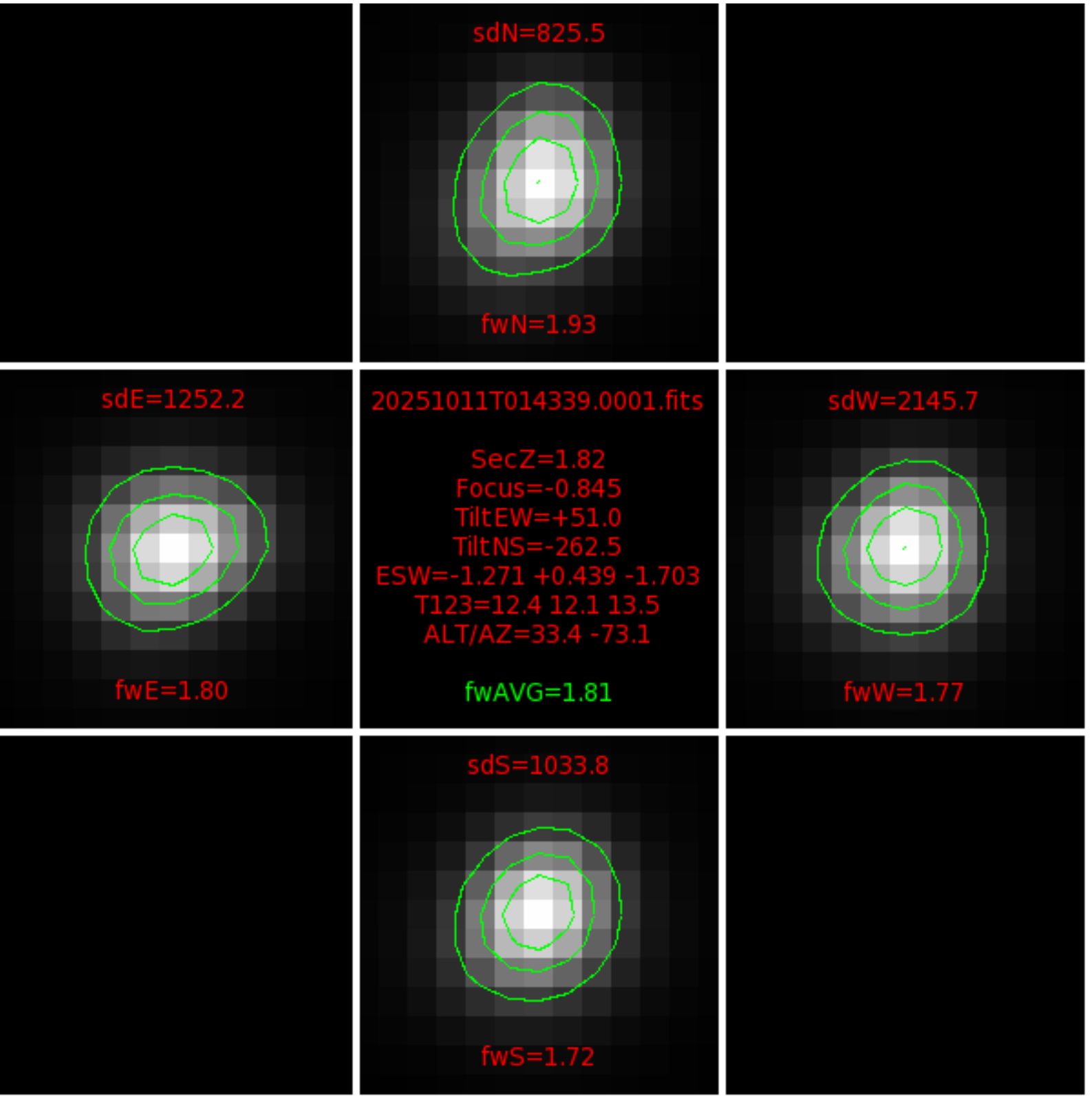
sdN=825.5
fwN=1.93
sdE=1252.2
fwE=1.80
20251011T014339.0001.fits
SecZ=1.82
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.4 12.1 13.5
ALT/AZ=33.4 -73.1
fwAVG=1.81
sdW=2145.7
fwW=1.77
sdS=1033.8
fwS=1.72
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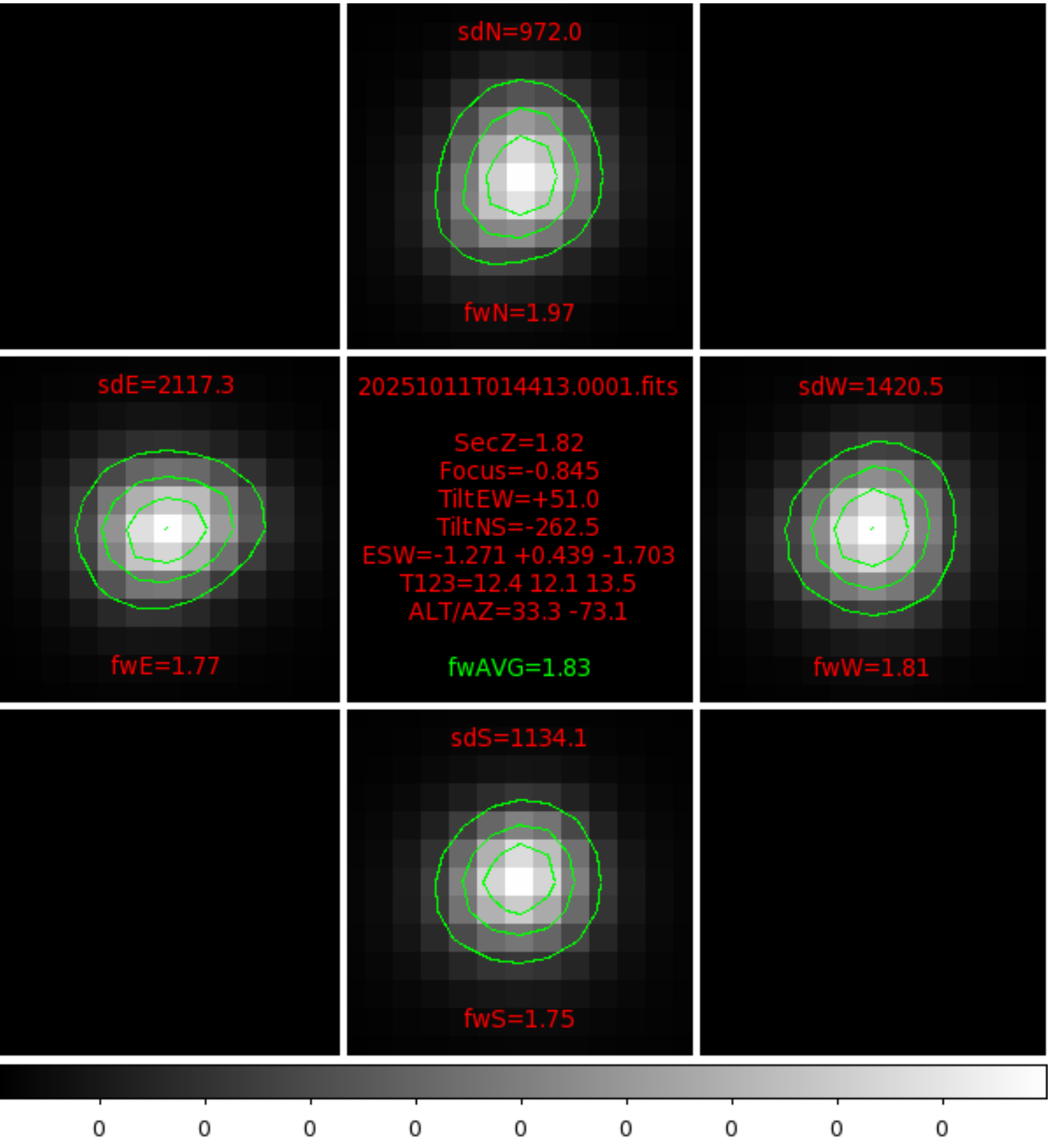
sdN=972.0
fwN=1.97
sdE=2117.3
fwE=1.77
20251011T014413.0001.fits
SecZ=1.82
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.4 12.1 13.5
ALT/AZ=33.3 -73.1
fwAVG=1.83
sdW=1420.5
fwW=1.81
sdS=1134.1
fwS=1.75
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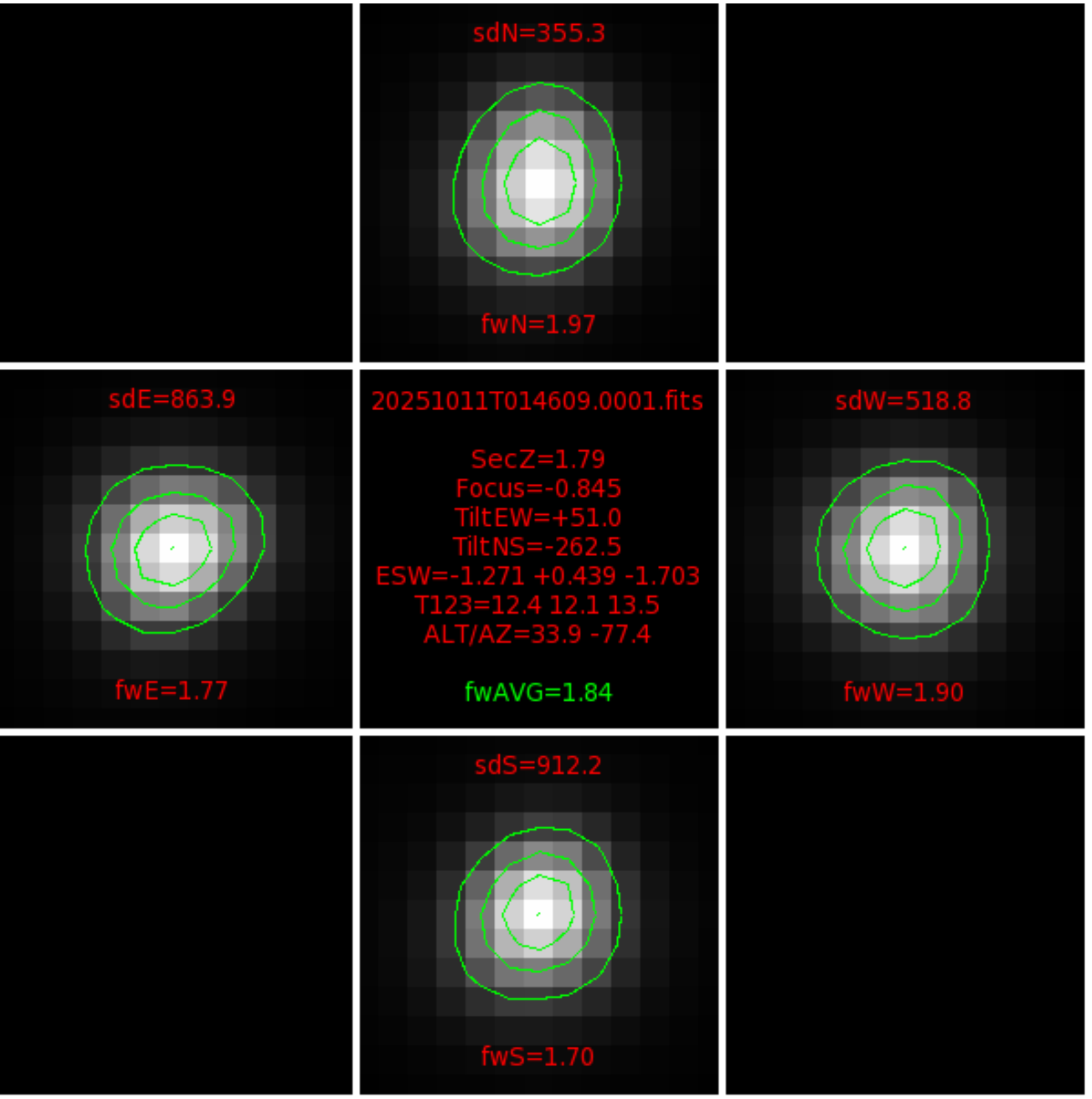
sdN=355.3
fwN=1.97
sdE=863.9
fwE=1.77
20251011T014609.0001.fits
SecZ=1.79
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.4 12.1 13.5
ALT/AZ=33.9 -77.4
fwAVG=1.84
sdW=518.8
fwW=1.90
sdS=912.2
fwS=1.70
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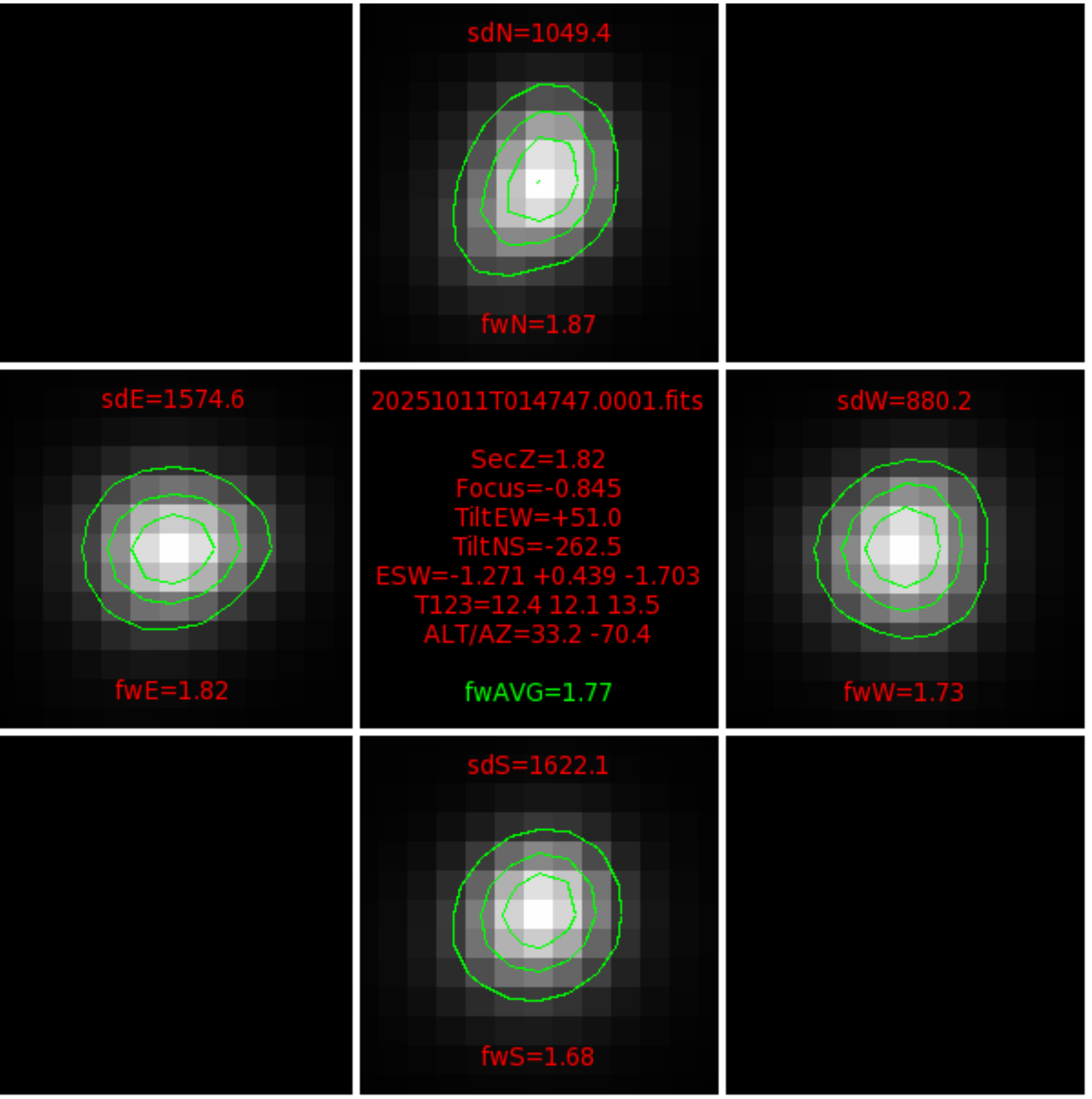
sdN=1049.4
fwN=1.87
sdE=1574.6
fwE=1.82
20251011T014747.0001.fits
SecZ=1.82
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.4 12.1 13.5
ALT/AZ=33.2 -70.4
fwAVG=1.77
sdW=880.2
fwW=1.73
sdS=1622.1
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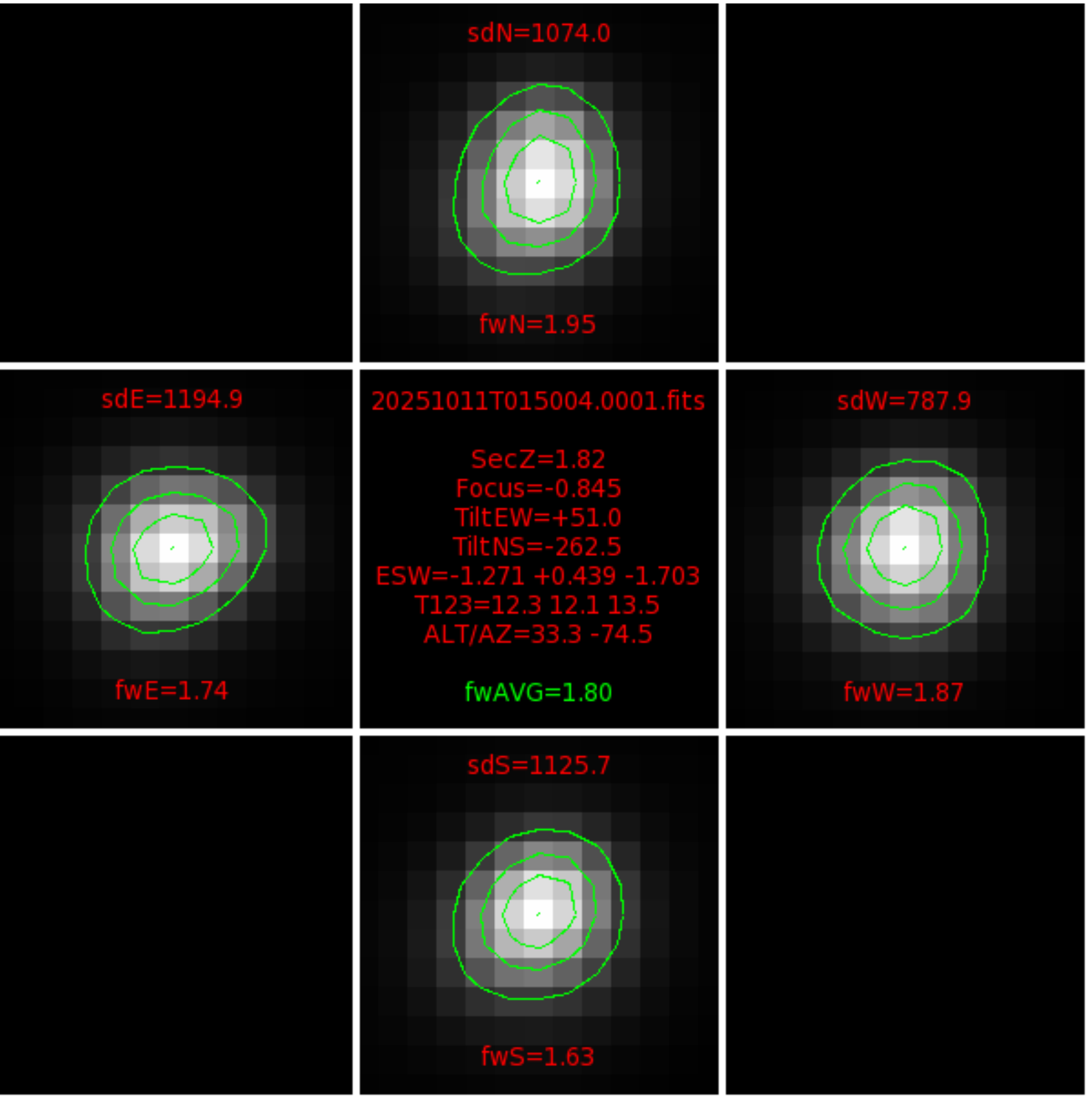
sdN=1074.0
fwN=1.95
sdE=1194.9
fwE=1.74
20251011T015004.0001.fits
SecZ=1.82
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.3 12.1 13.5
ALT/AZ=33.3 -74.5
fwAVG=1.80
sdW=787.9
fwW=1.87
sdS=1125.7
fwS=1.63
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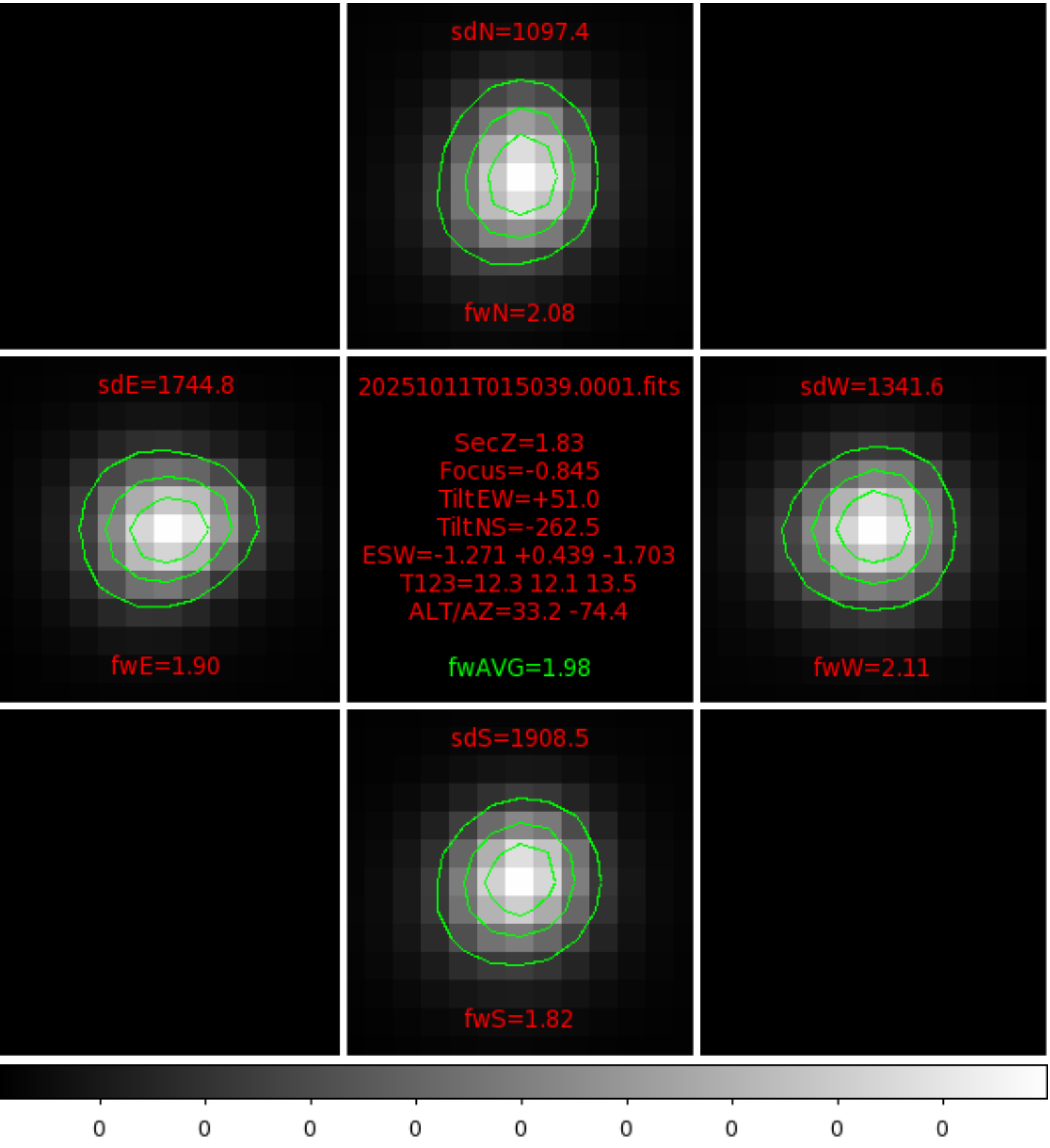
sdN=1097.4
fwN=2.08
sdE=1744.8
fwE=1.90
20251011T015039.0001.fits
SecZ=1.83
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.3 12.1 13.5
ALT/AZ=33.2 -74.4
fwAVG=1.98
sdW=1341.6
fwW=2.11
sdS=1908.5
fwS=1.82
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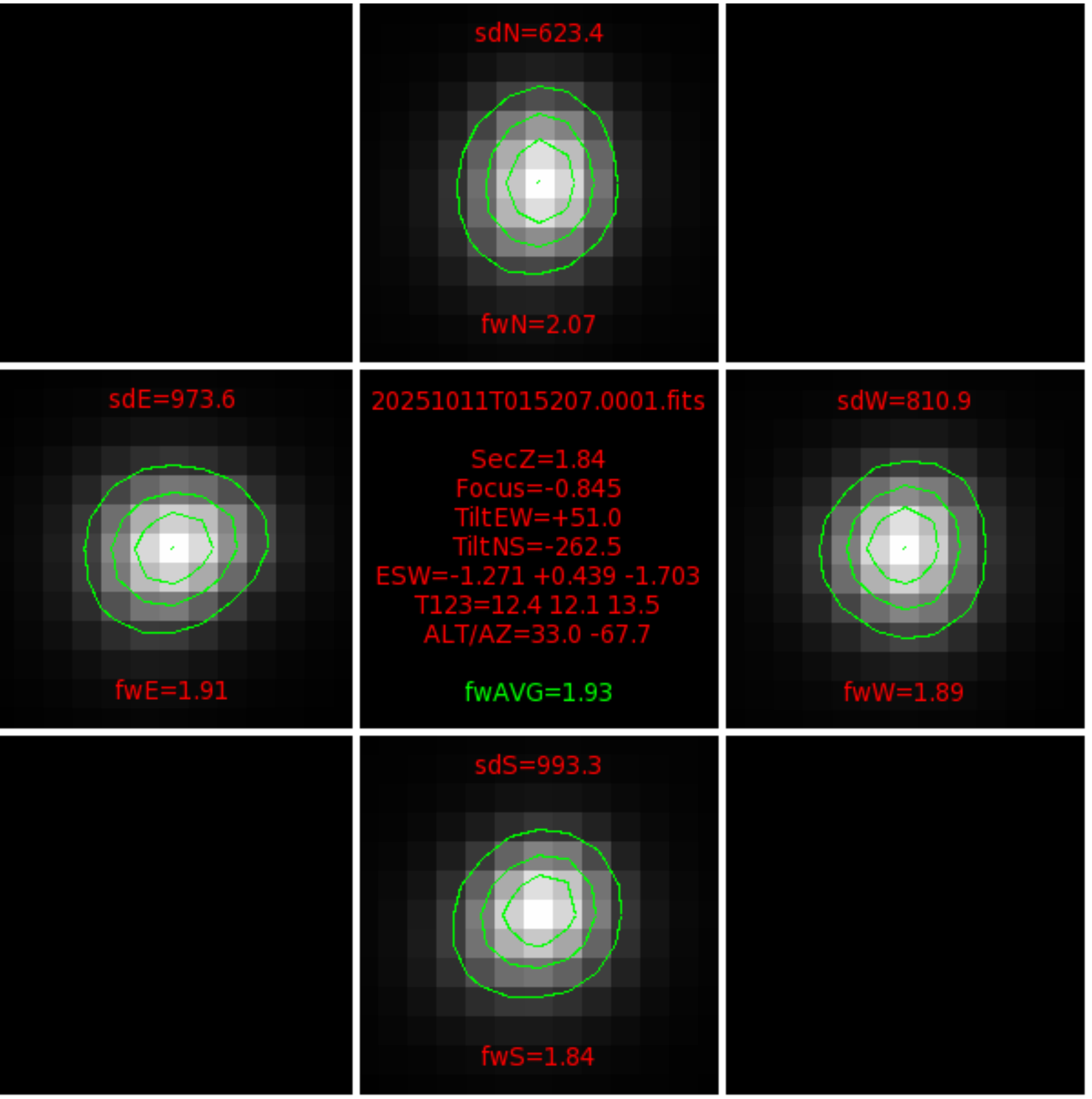
sdN=623.4
fwN=2.07
sdE=973.6
fwE=1.91
20251011T015207.0001.fits
SecZ=1.84
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.4 12.1 13.5
ALT/AZ=33.0 -67.7
fwAVG=1.93
sdW=810.9
fwW=1.89
sdS=993.3
fwS=1.84
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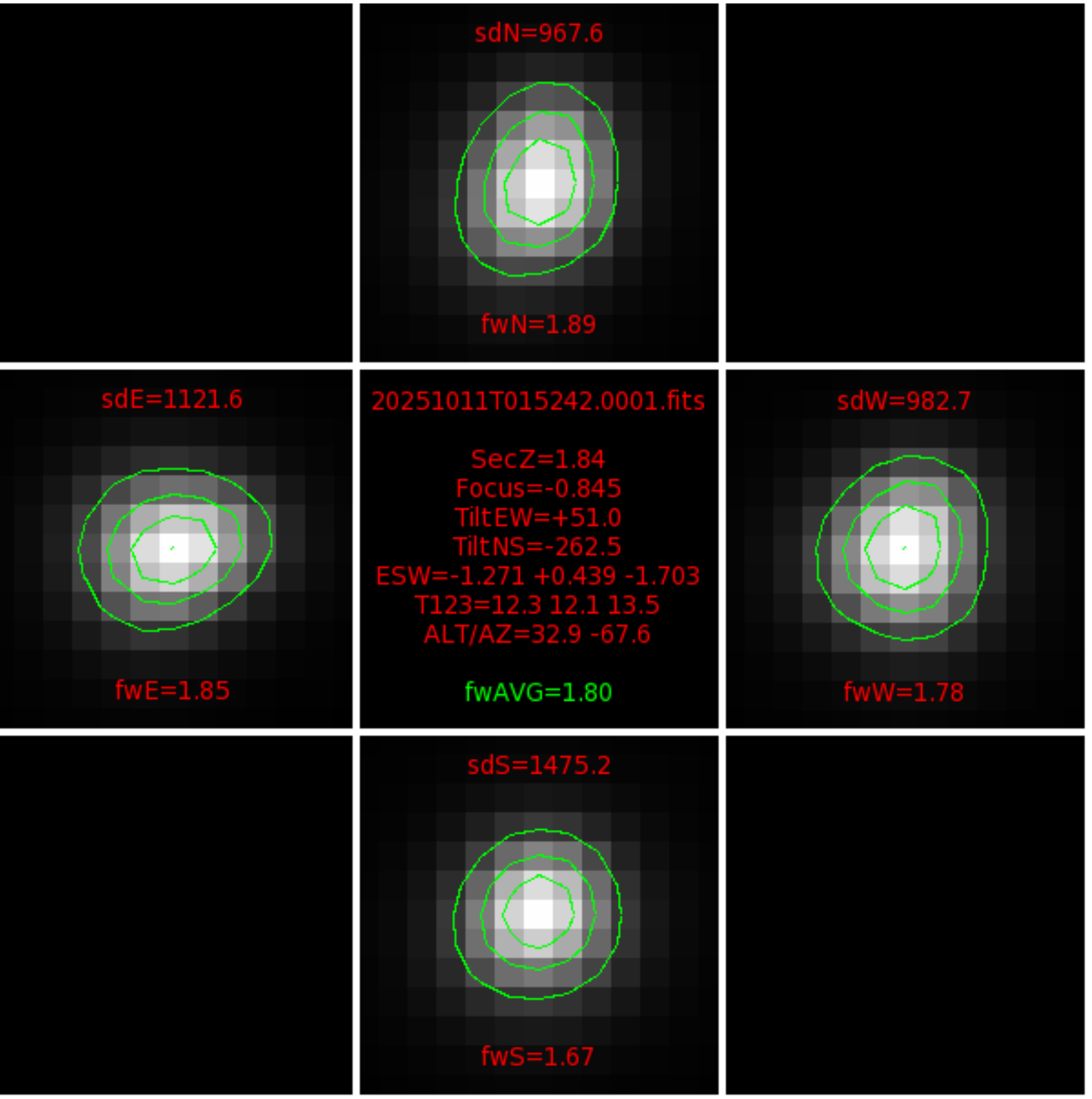
sdN=967.6
fwN=1.89
sdE=1121.6
fwE=1.85
20251011T015242.0001.fits
SecZ=1.84
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.3 12.1 13.5
ALT/AZ=32.9 -67.6
fwAVG=1.80
sdW=982.7
fwW=1.78
sdS=1475.2
fwS=1.67
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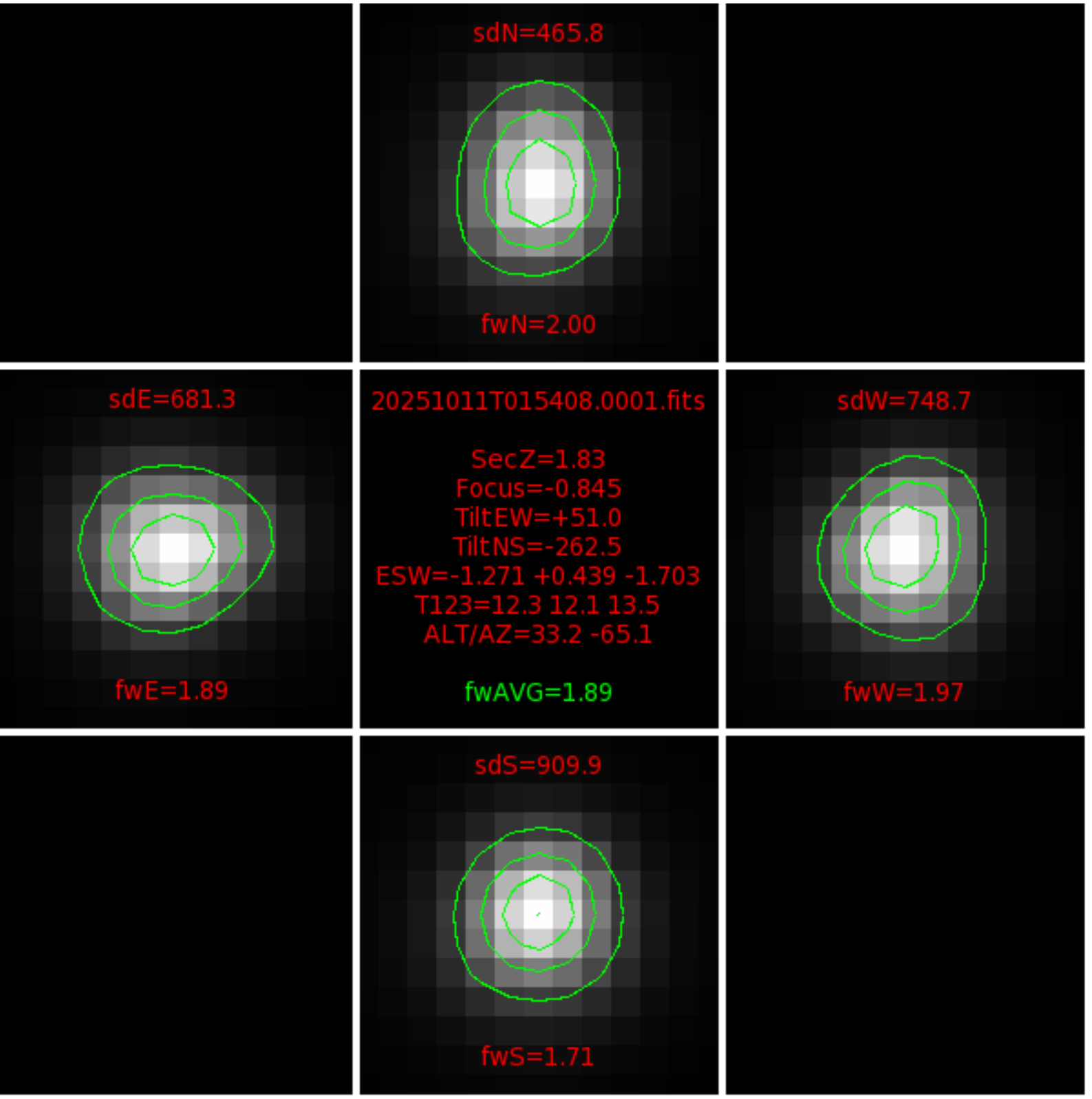
sdN=465.8
fwN=2.00
sdE=681.3
fwE=1.89
20251011T015408.0001.fits
SecZ=1.83
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.3 12.1 13.5
ALT/AZ=33.2 -65.1
fwAVG=1.89
sdW=748.7
fwW=1.97
sdS=909.9
fwS=1.71
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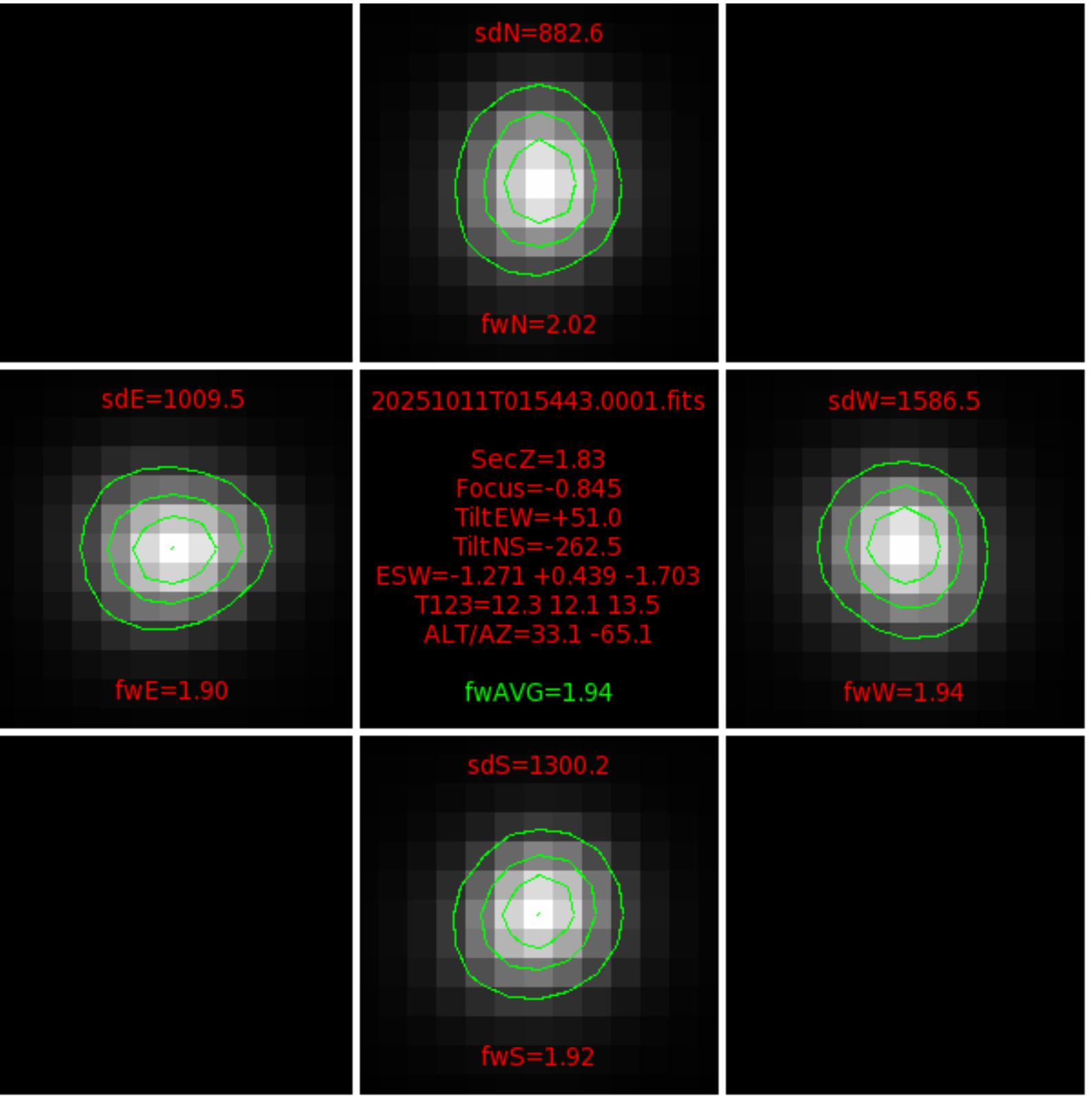
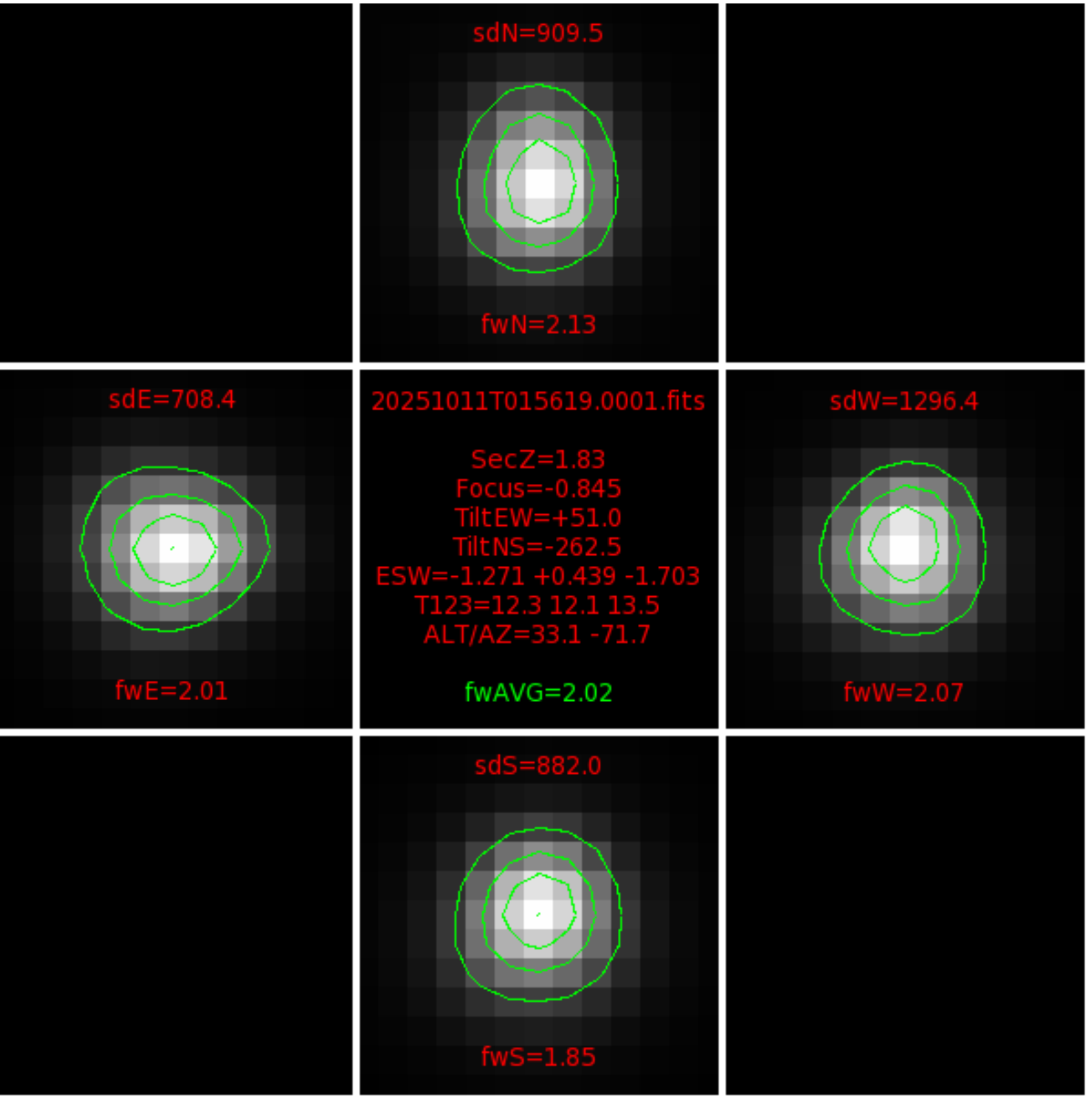

sdN=882.6
fwN=2.02
sdE=1009.5
fwE=1.90
20251011T015443.0001.fits
SecZ=1.83
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.3 12.1 13.5
ALT/AZ=33.1 -65.1
fwAVG=1.94
sdW=1586.5
fwW=1.94
sdS=1300.2
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=909.5
fwN=2.13
sdE=708.4
fwE=2.01
20251011T015619.0001.fits
SecZ=1.83
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.3 12.1 13.5
ALT/AZ=33.1 -71.7
fwAVG=2.02
sdW=1296.4
fwW=2.07
sdS=882.0
fwS=1.85
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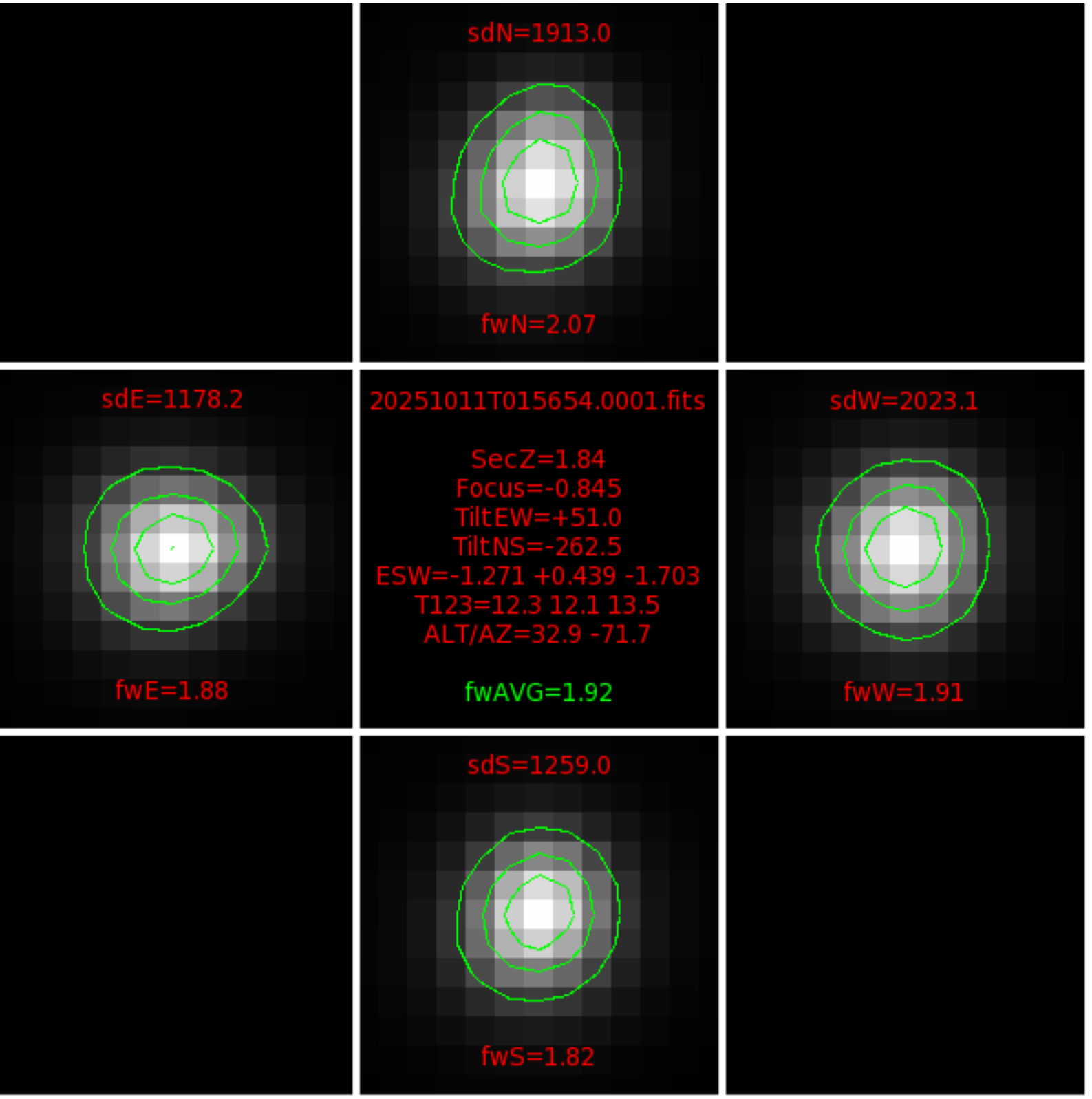
sdN=1913.0
fwN=2.07
sdE=1178.2
fwE=1.88
20251011T015654.0001.fits
SecZ=1.84
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.3 12.1 13.5
ALT/AZ=32.9 -71.7
fwAVG=1.92
sdW=2023.1
fwW=1.91
sdS=1259.0
fwS=1.82
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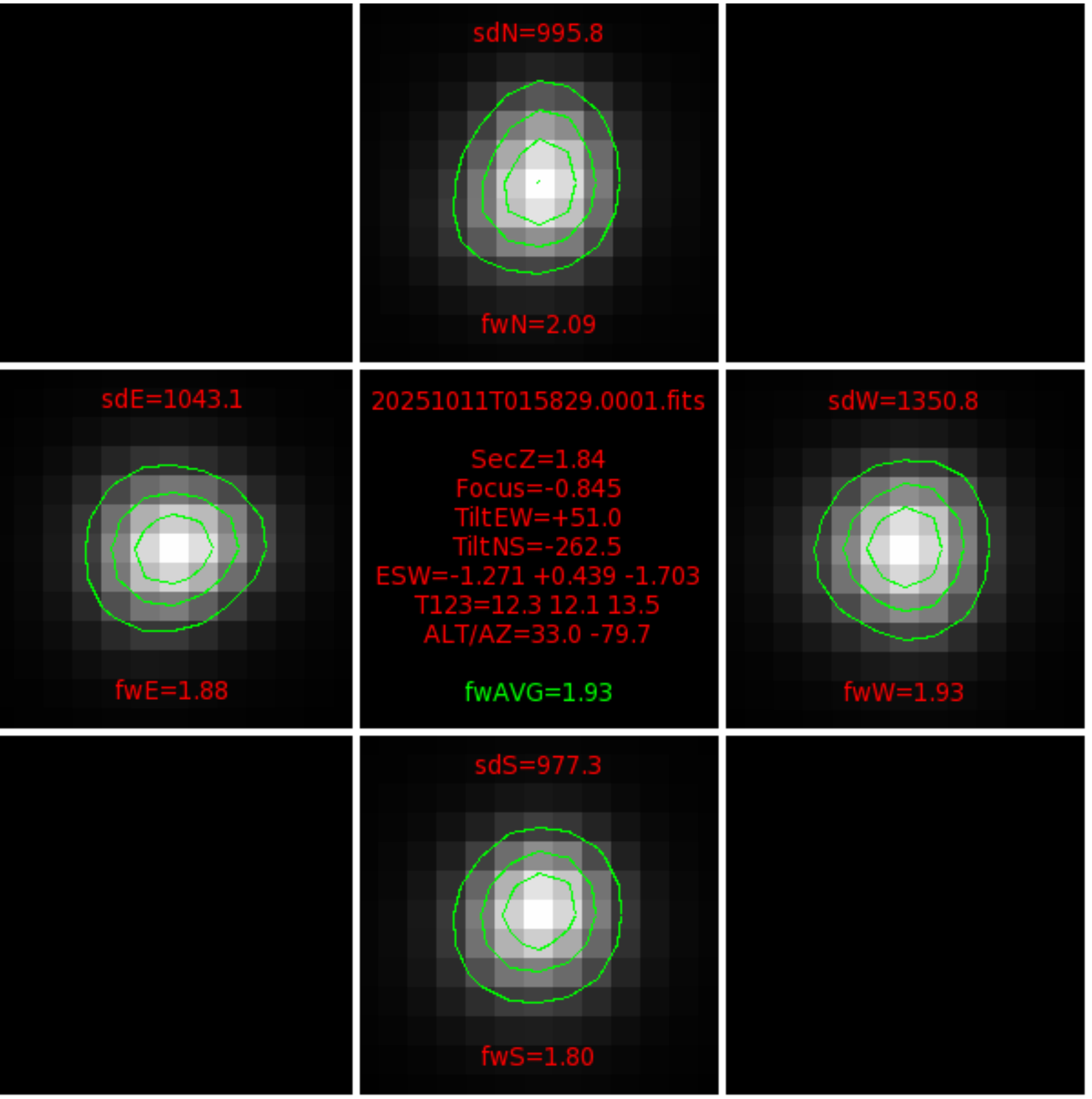
sdN=995.8
fwN=2.09
sdE=1043.1
fwE=1.88
20251011T015829.0001.fits
SecZ=1.84
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.3 12.1 13.5
ALT/AZ=33.0 -79.7
fwAVG=1.93
sdW=1350.8
fwW=1.93
sdS=977.3
fwS=1.80
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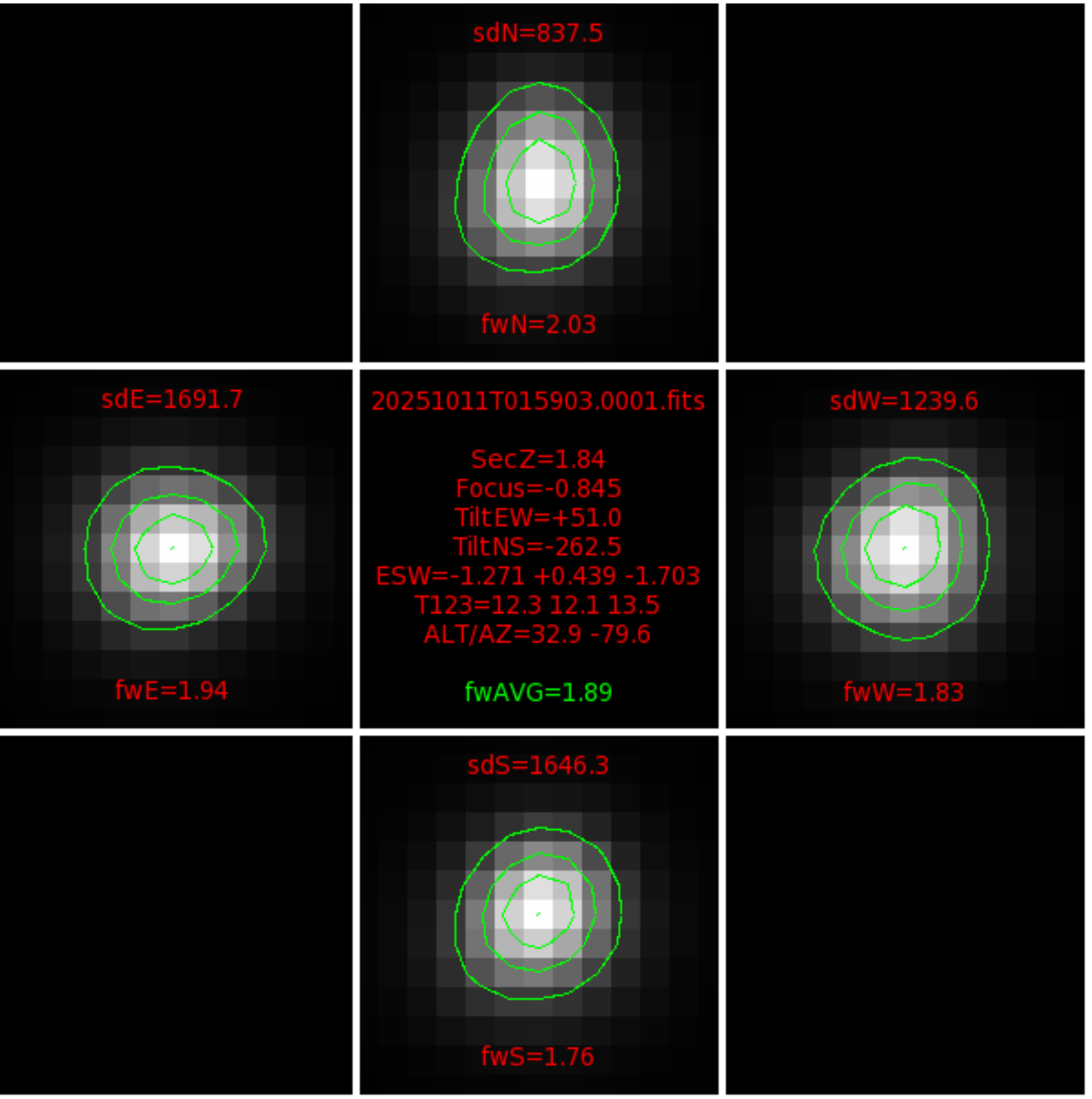
sdN=837.5
fwN=2.03
sdE=1691.7
fwE=1.94
20251011T015903.0001.fits
SecZ=1.84
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.3 12.1 13.5
ALT/AZ=32.9 -79.6
fwAVG=1.89
sdW=1239.6
fwW=1.83
sdS=1646.3
fwS=1.76
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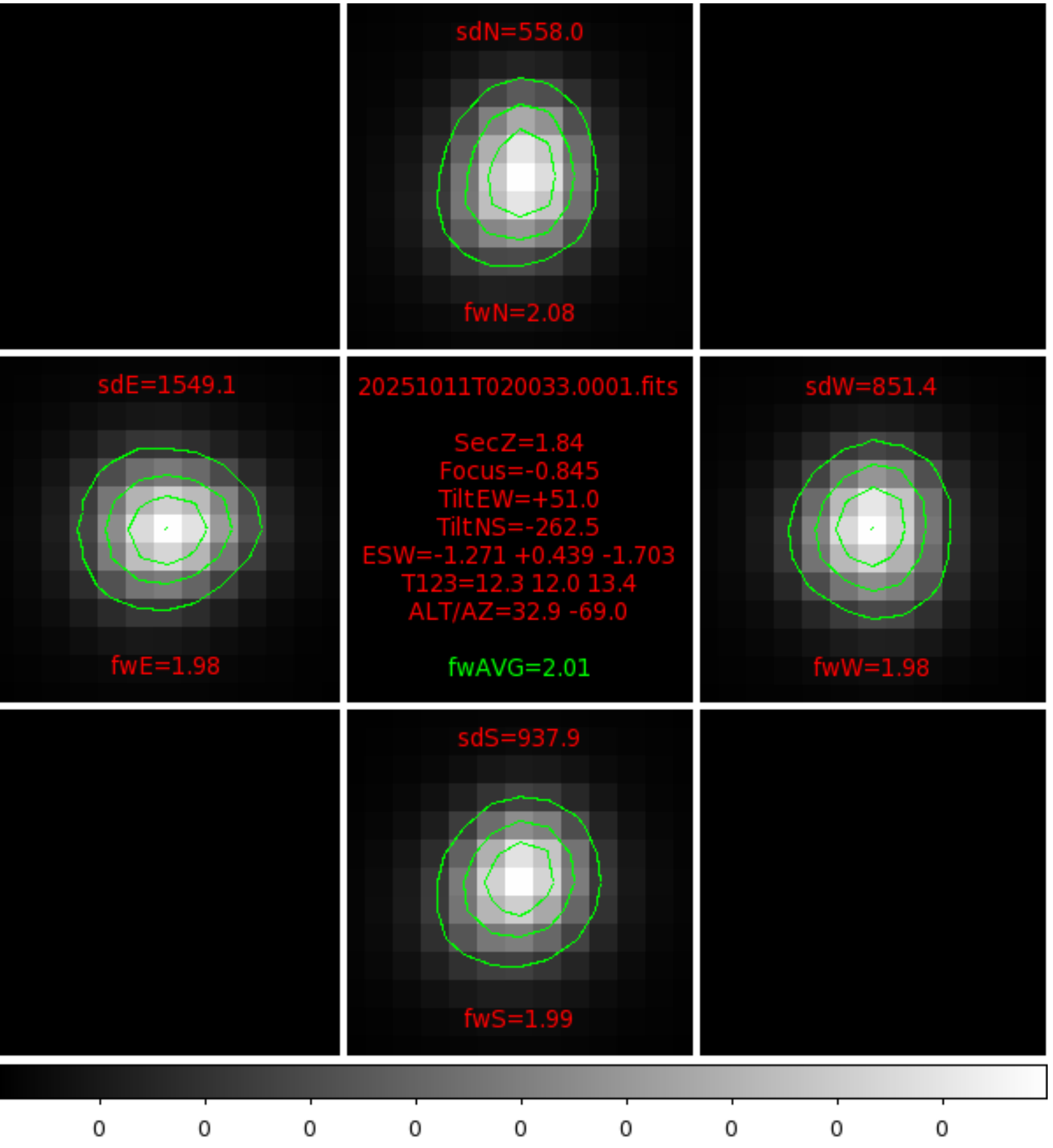
sdN=558.0
fwN=2.08
sdE=1549.1
fwE=1.98
20251011T020033.0001.fits
SecZ=1.84
Focus=-0.845
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.271 +0.439 -1.703
T123=12.3 12.0 13.4
ALT/AZ=32.9 -69.0
fwAVG=2.01
sdW=851.4
fwW=1.98
sdS=937.9
fwS=1.99
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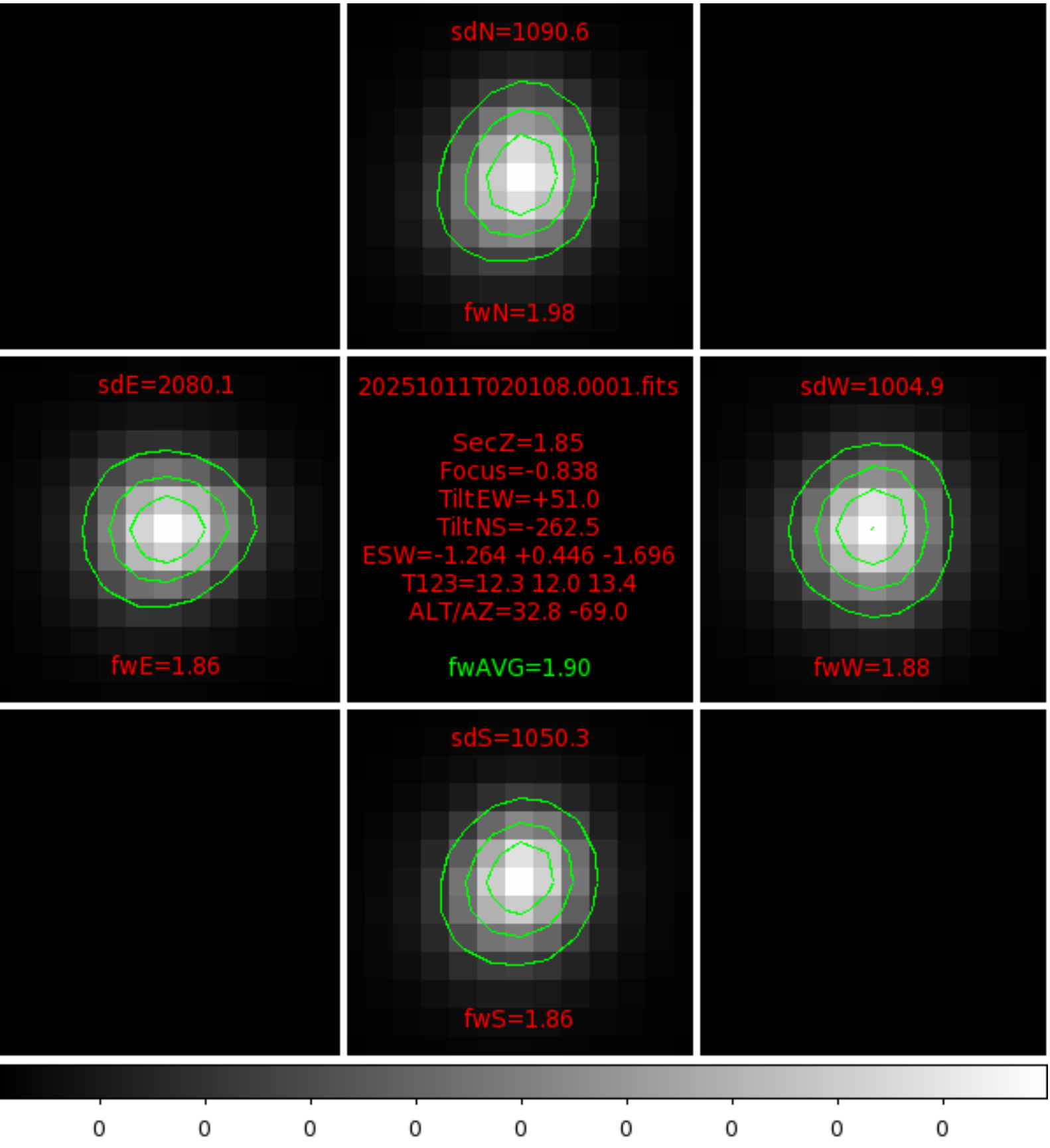
sdN=1090.6
fwN=1.98
sdE=2080.1
fwE=1.86
20251011T020108.0001.fits
SecZ=1.85
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=12.3 12.0 13.4
ALT/AZ=32.8 -69.0
fwAVG=1.90
sdW=1004.9
fwW=1.88
sdS=1050.3
fwS=1.86
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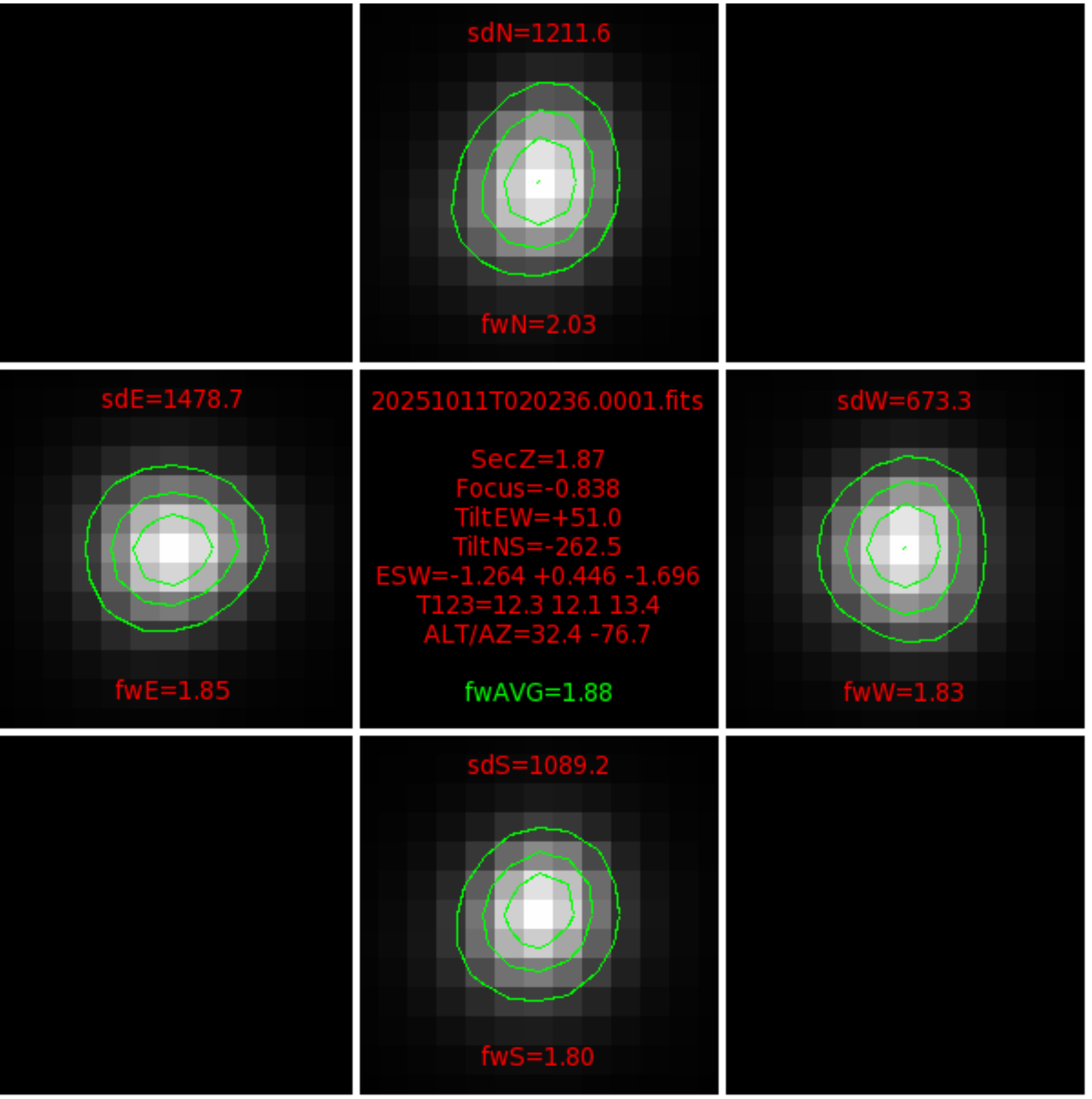
sdN=1211.6
fwN=2.03
sdE=1478.7
fwE=1.85
20251011T020236.0001.fits
SecZ=1.87
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=12.3 12.1 13.4
ALT/AZ=32.4 -76.7
fwAVG=1.88
sdW=673.3
fwW=1.83
sdS=1089.2
fwS=1.80
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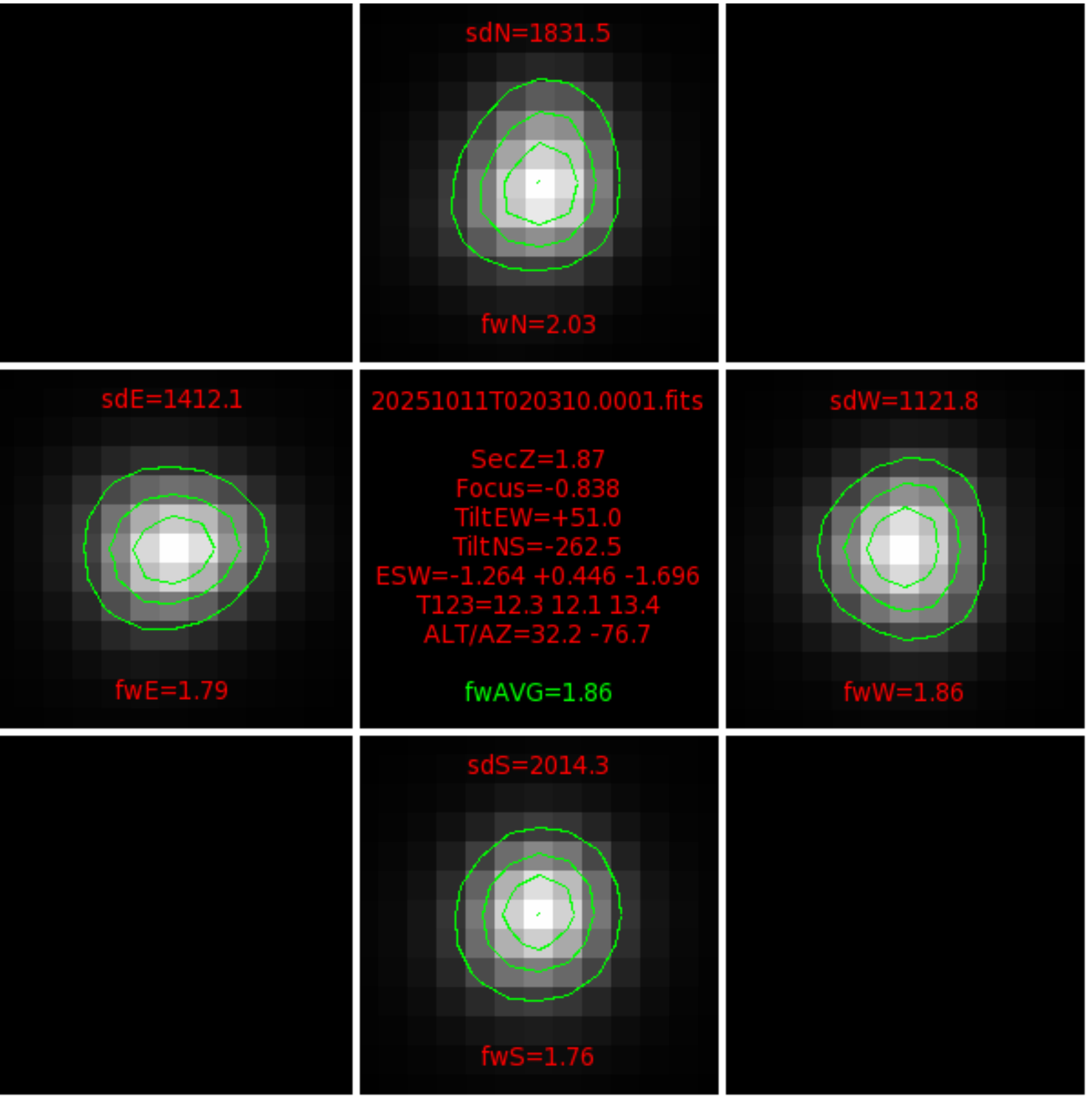
sdN=1831.5
fwN=2.03
sdE=1412.1
fwE=1.79
20251011T020310.0001.fits
SecZ=1.87
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=12.3 12.1 13.4
ALT/AZ=32.2 -76.7
fwAVG=1.86
sdW=1121.8
fwW=1.86
sdS=2014.3
fwS=1.76
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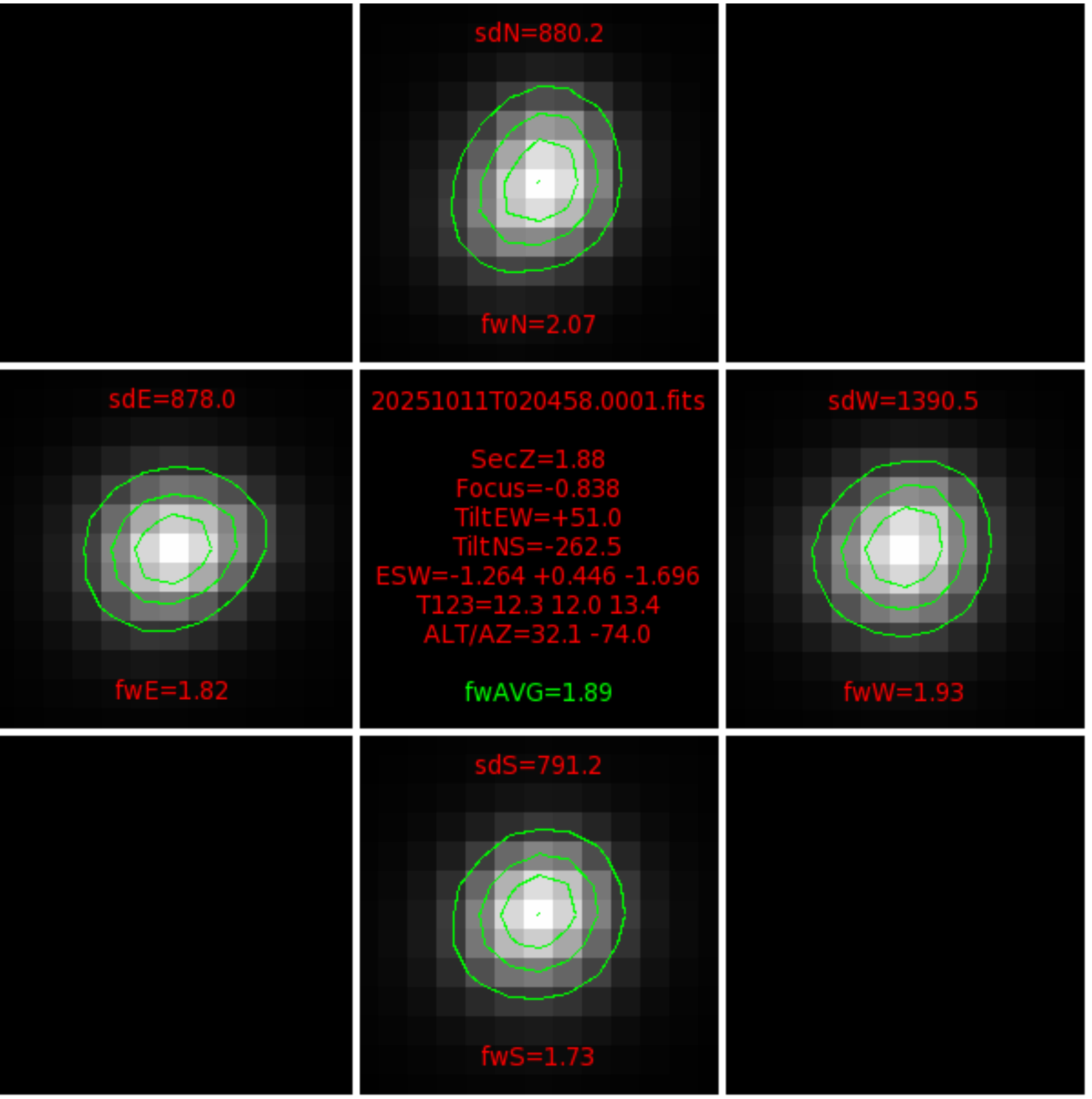
sdN=880.2
fwN=2.07
sdE=878.0
fwE=1.82
20251011T020458.0001.fits
SecZ=1.88
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=12.3 12.0 13.4
ALT/AZ=32.1 -74.0
fwAVG=1.89
sdW=1390.5
fwW=1.93
sdS=791.2
fwS=1.73
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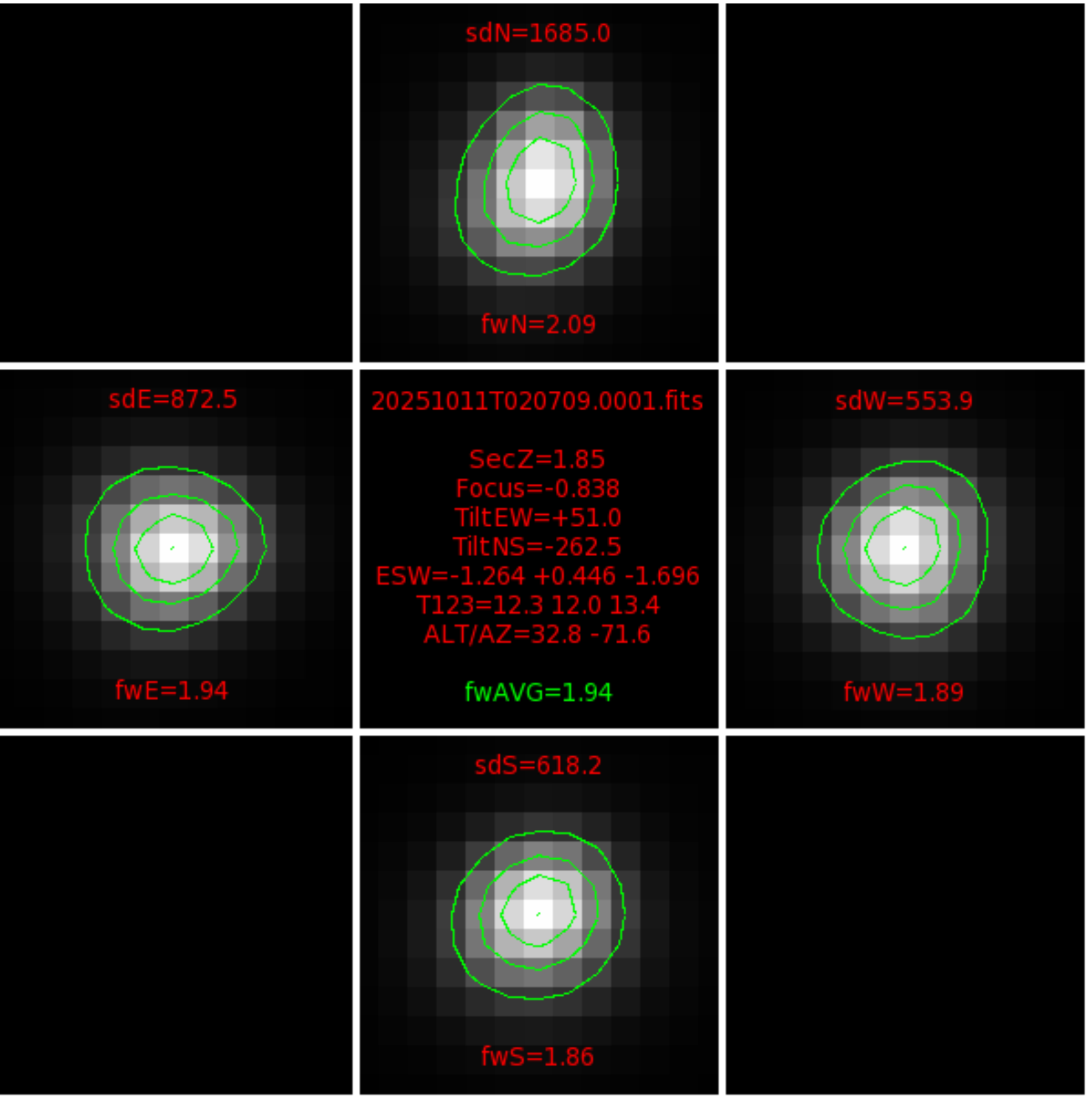
sdN=1685.0
fwN=2.09
sdE=872.5
fwE=1.94
20251011T020709.0001.fits
SecZ=1.85
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=12.3 12.0 13.4
ALT/AZ=32.8 -71.6
fwAVG=1.94
sdW=553.9
fwW=1.89
sdS=618.2
fwS=1.86
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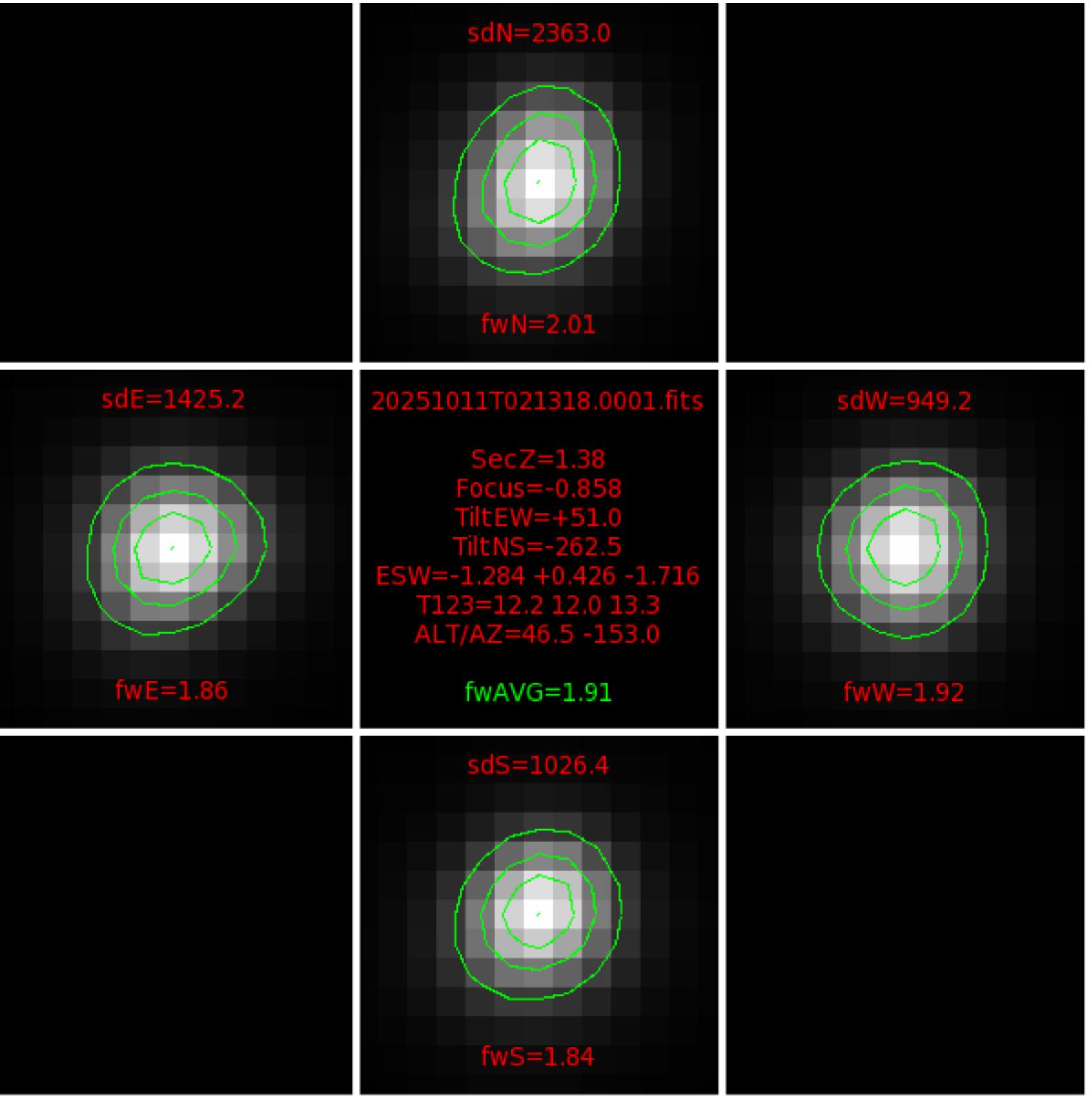
sdN=2363.0
fwN=2.01
sdE=1425.2
fwE=1.86
20251011T021318.0001.fits
SecZ=1.38
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.2 12.0 13.3
ALT/AZ=46.5 -153.0
fwAVG=1.91
sdW=949.2
fwW=1.92
sdS=1026.4
fwS=1.84
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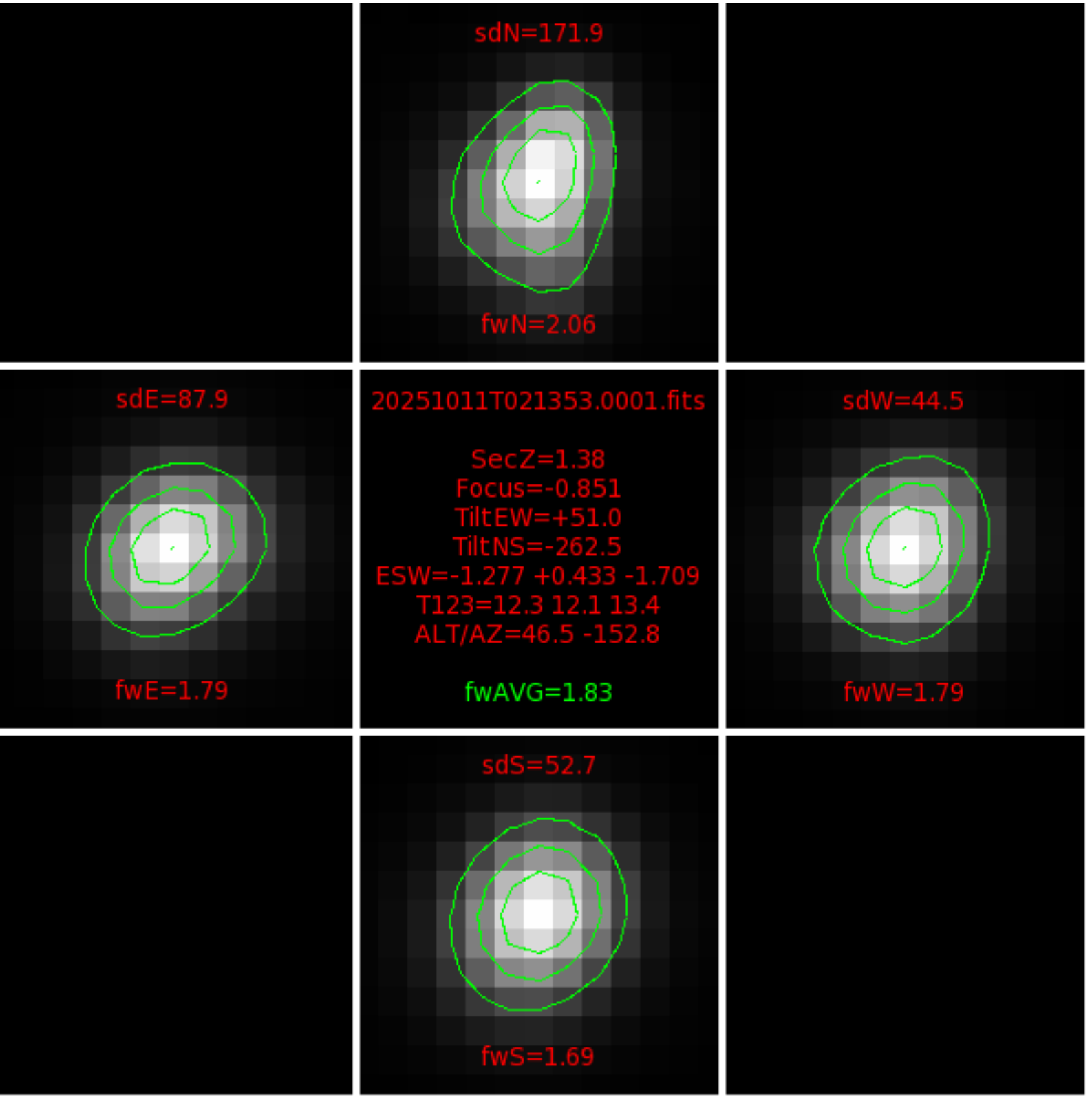
sdN=171.9
fwN=2.06
sdE=87.9
fwE=1.79
20251011T021353.0001.fits
SecZ=1.38
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.3 12.1 13.4
ALT/AZ=46.5 -152.8
fwAVG=1.83
sdW=44.5
fwW=1.79
sdS=52.7
fwS=1.69
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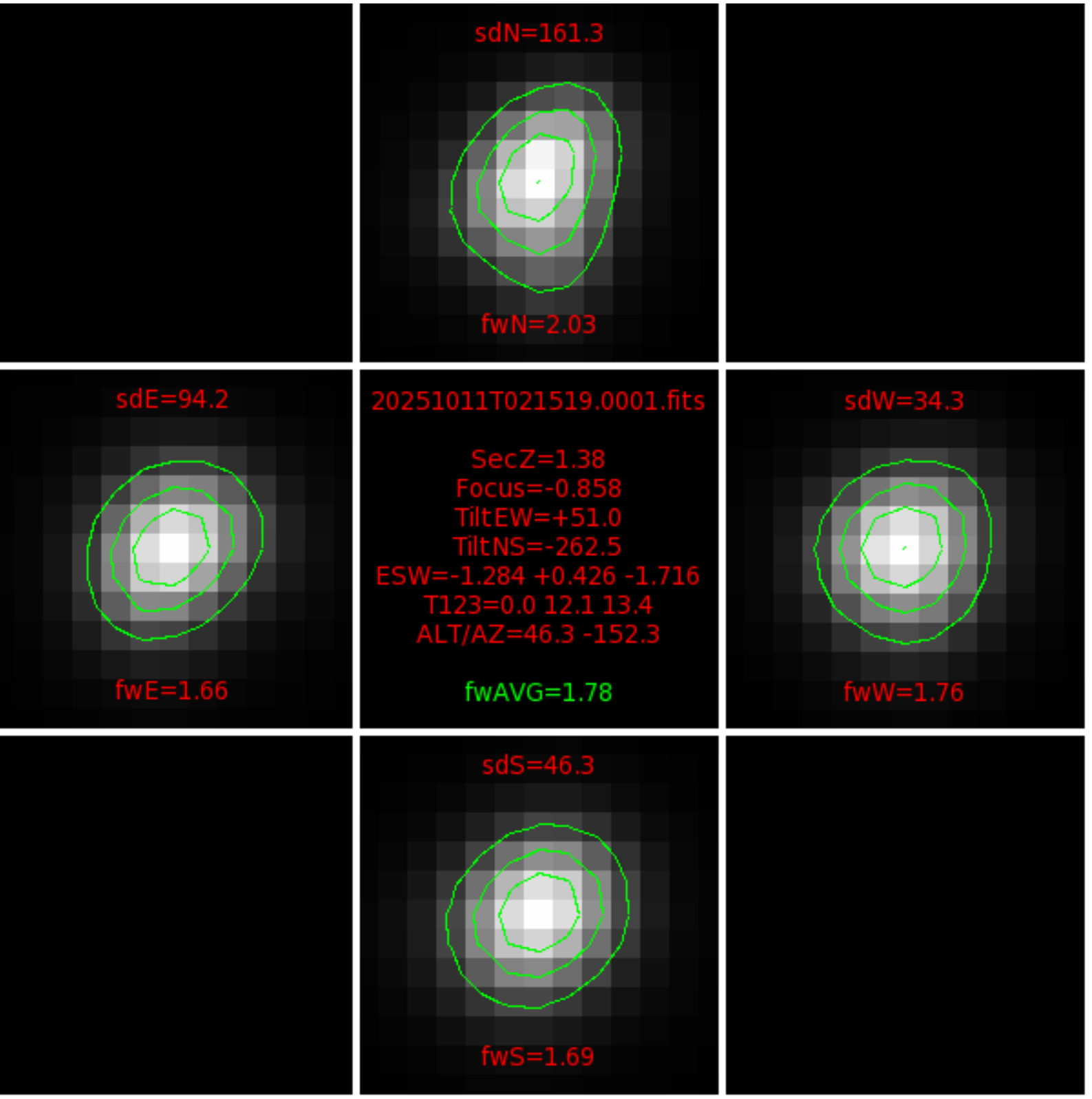
sdN=161.3
fwN=2.03
sdE=94.2
fwE=1.66
20251011T021519.0001.fits
SecZ=1.38
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=0.0 12.1 13.4
ALT/AZ=46.3 -152.3
fwAVG=1.78
sdW=34.3
fwW=1.76
sdS=46.3
fwS=1.69
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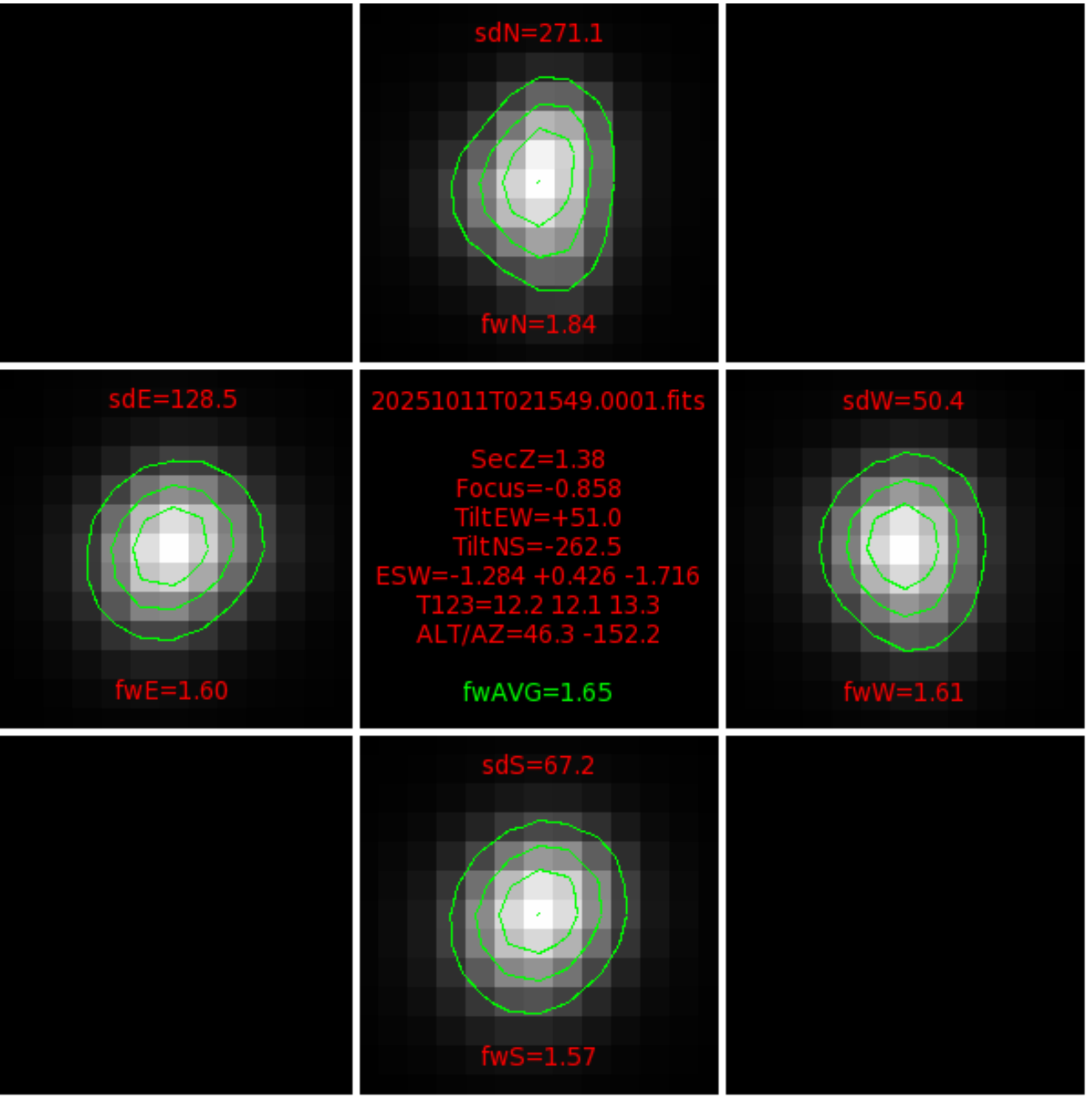
sdN=271.1
fwN=1.84
sdE=128.5
fwE=1.60
20251011T021549.0001.fits
SecZ=1.38
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.2 12.1 13.3
ALT/AZ=46.3 -152.2
fwAVG=1.65
sdW=50.4
fwW=1.61
sdS=67.2
fwS=1.57
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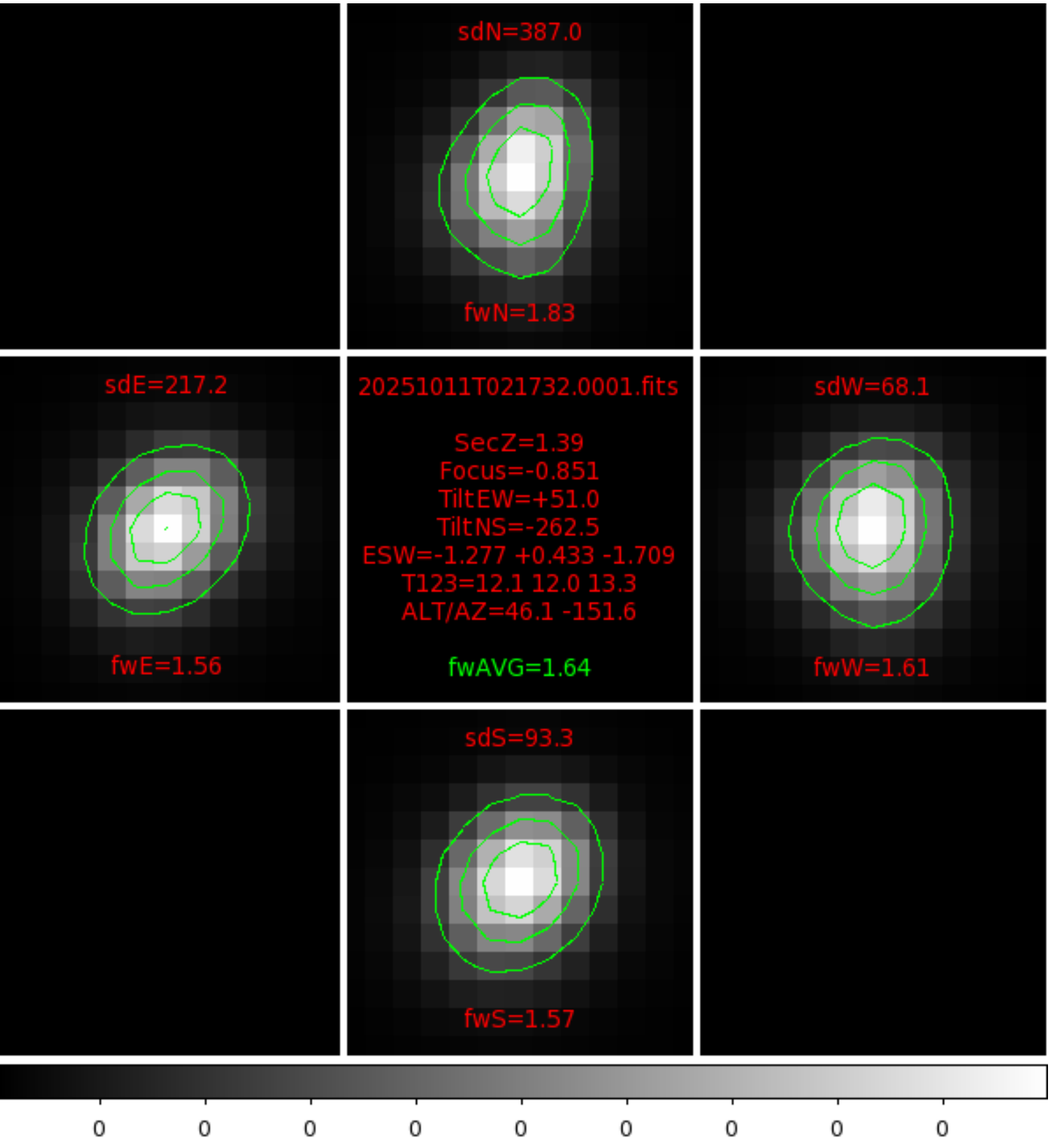
sdN=387.0
fwN=1.83
sdE=217.2
fwE=1.56
20251011T021732.0001.fits
SecZ=1.39
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.0 13.3
ALT/AZ=46.1 -151.6
fwAVG=1.64
sdW=68.1
fwW=1.61
sdS=93.3
fwS=1.57
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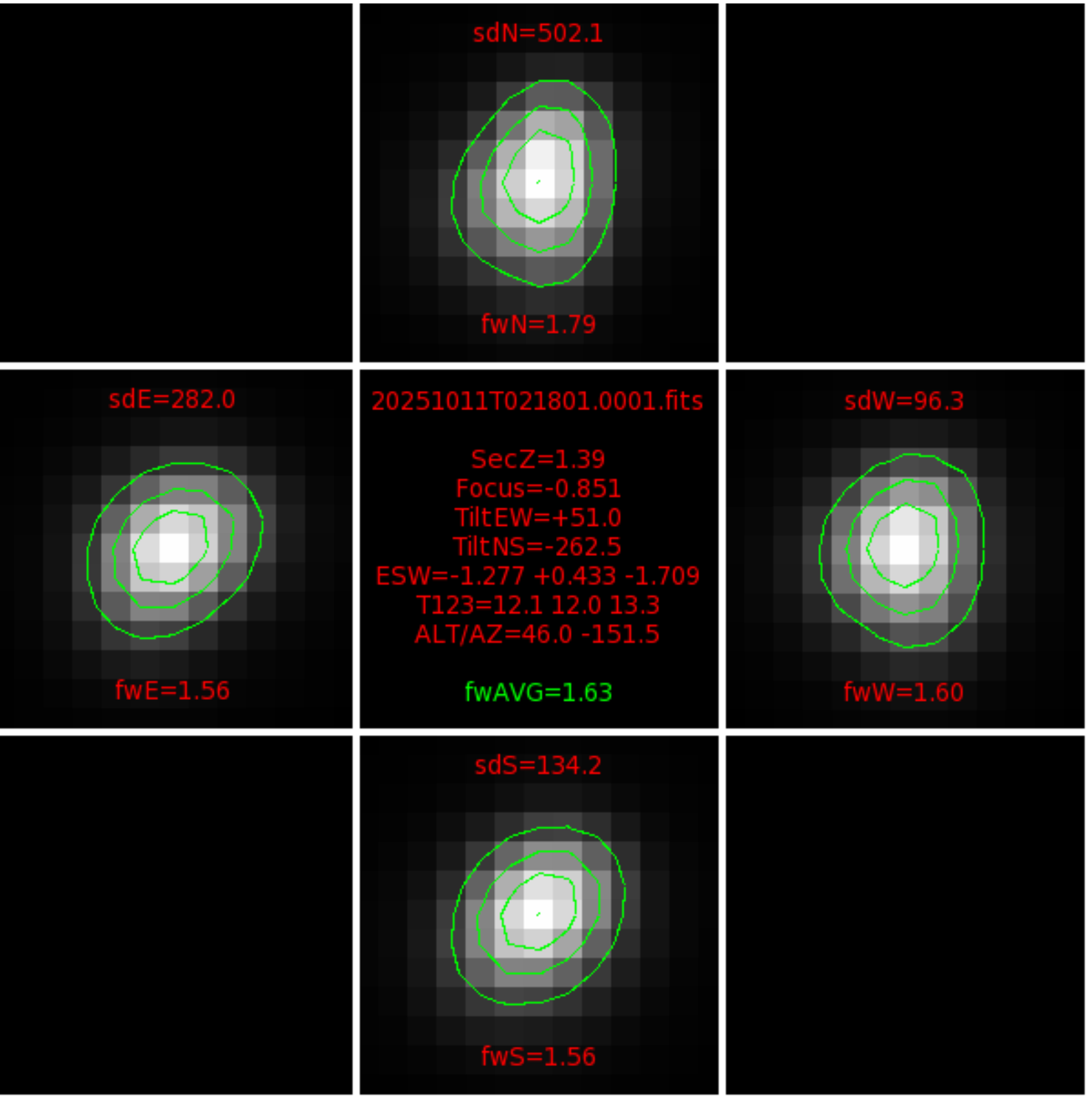
sdN=502.1
fwN=1.79
sdE=282.0
fwE=1.56
20251011T021801.0001.fits
SecZ=1.39
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.0 13.3
ALT/AZ=46.0 -151.5
fwAVG=1.63
sdW=96.3
fwW=1.60
sdS=134.2
fwS=1.56
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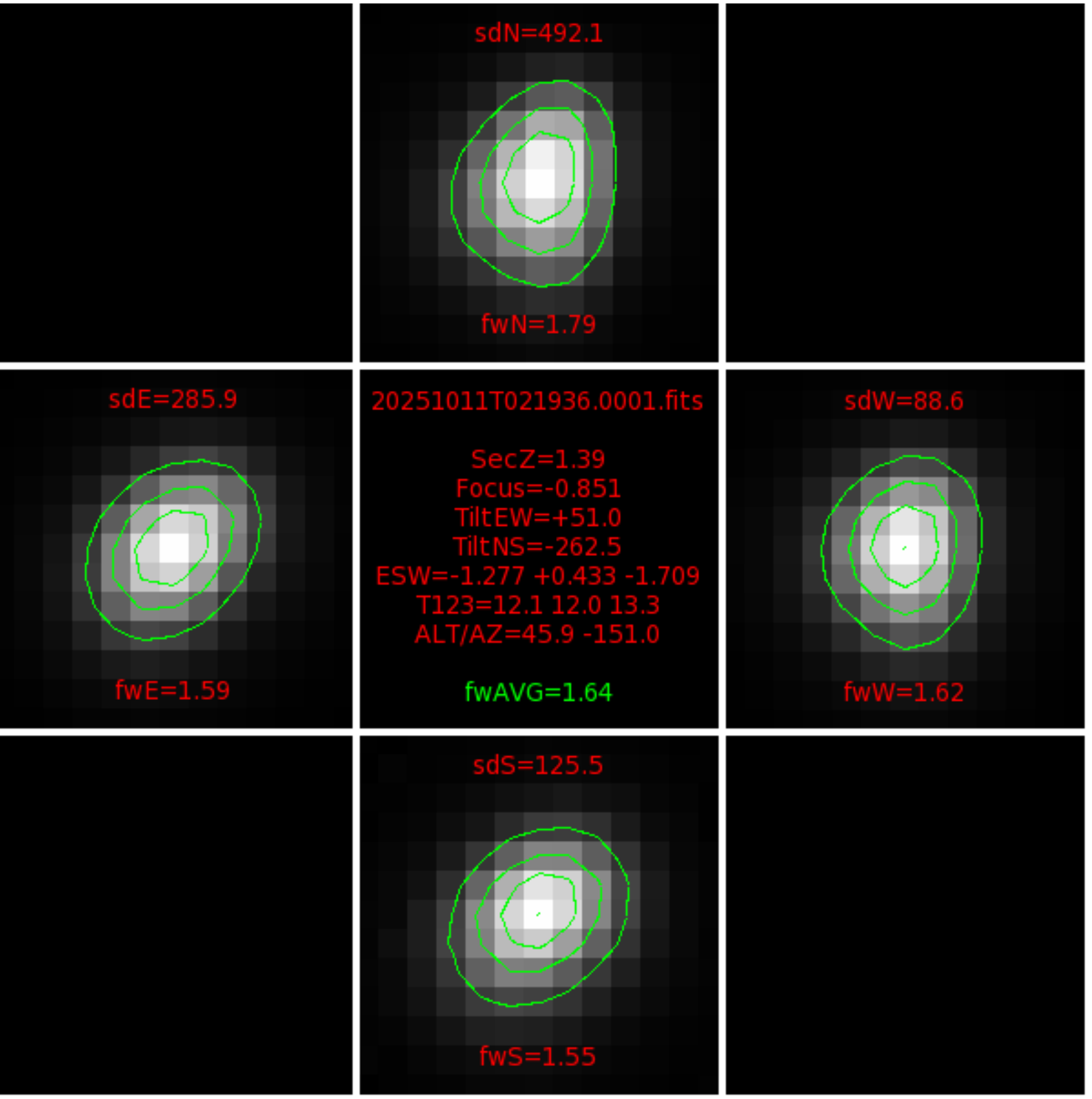
sdN=492.1
fwN=1.79
sdE=285.9
fwE=1.59
20251011T021936.0001.fits
SecZ=1.39
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.0 13.3
ALT/AZ=45.9 -151.0
fwAVG=1.64
sdW=88.6
fwW=1.62
sdS=125.5
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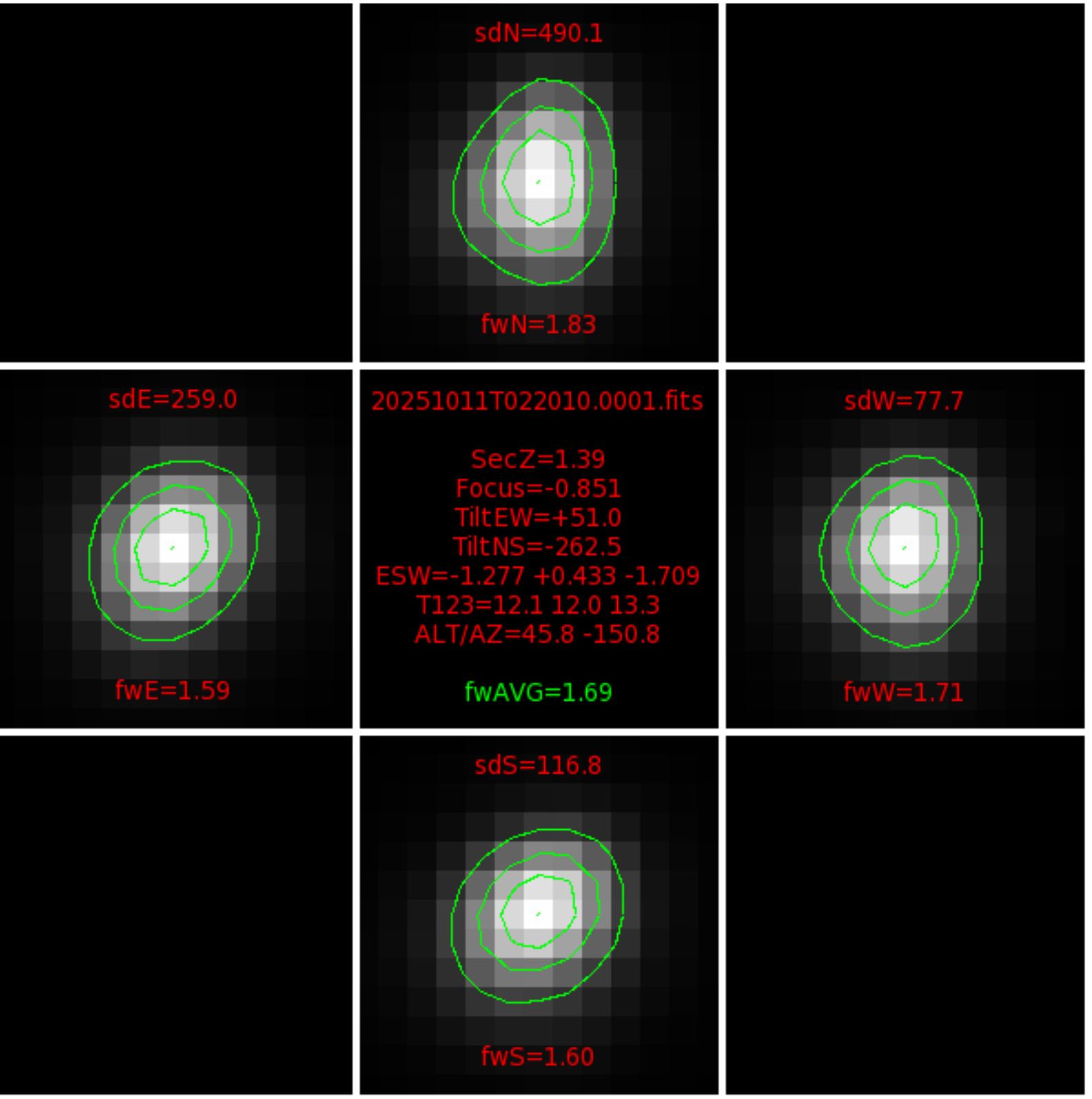
sdN=490.1
fwN=1.83
sdE=259.0
fwE=1.59
20251011T022010.0001.fits
SecZ=1.39
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.0 13.3
ALT/AZ=45.8 -150.8
fwAVG=1.69
sdW=77.7
fwW=1.71
sdS=116.8
fwS=1.60
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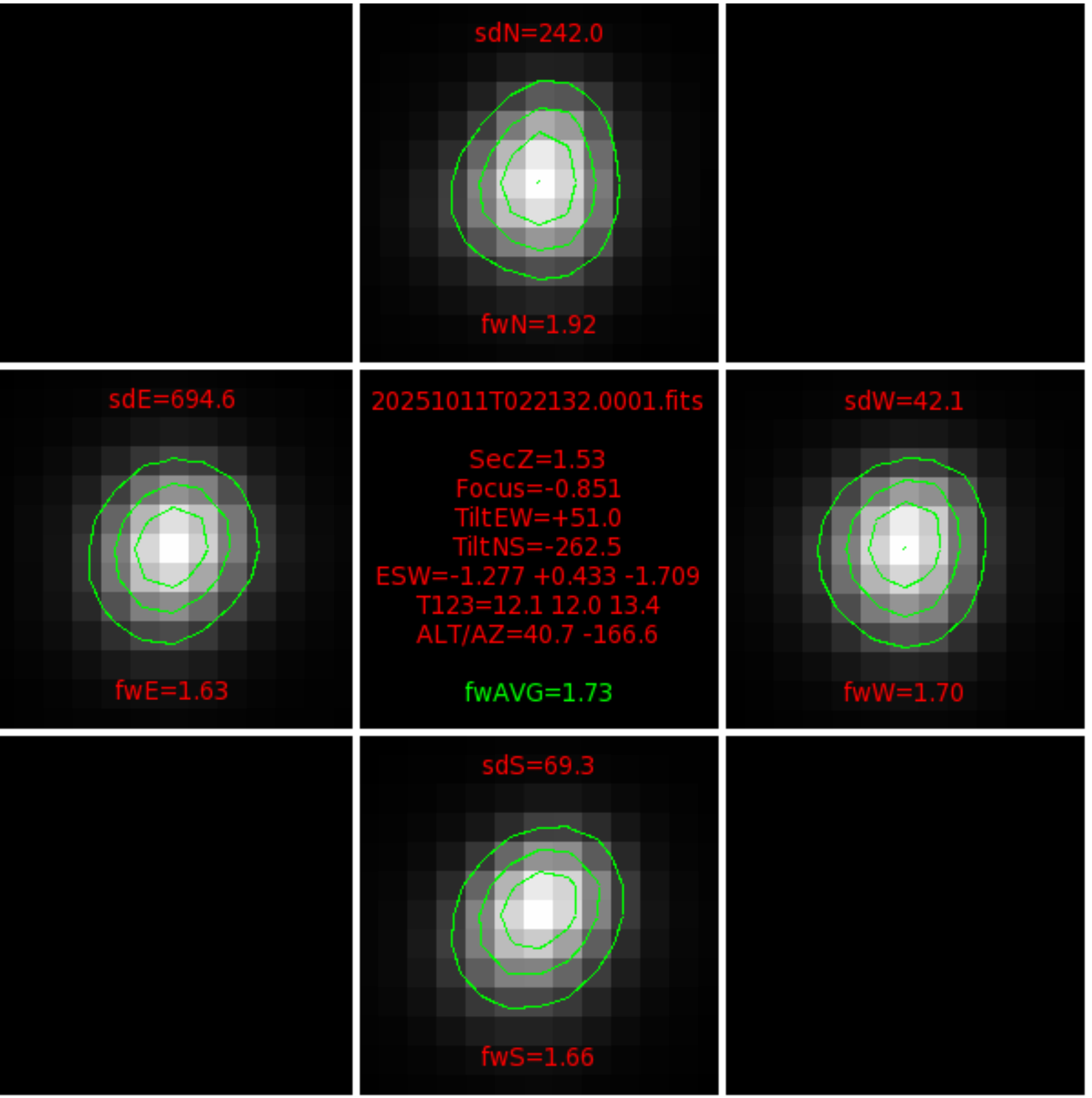
sdN=242.0
fwN=1.92
sdE=694.6
fwE=1.63
20251011T022132.0001.fits
SecZ=1.53
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.0 13.4
ALT/AZ=40.7 -166.6
fwAVG=1.73
sdW=42.1
fwW=1.70
sdS=69.3
fwS=1.66
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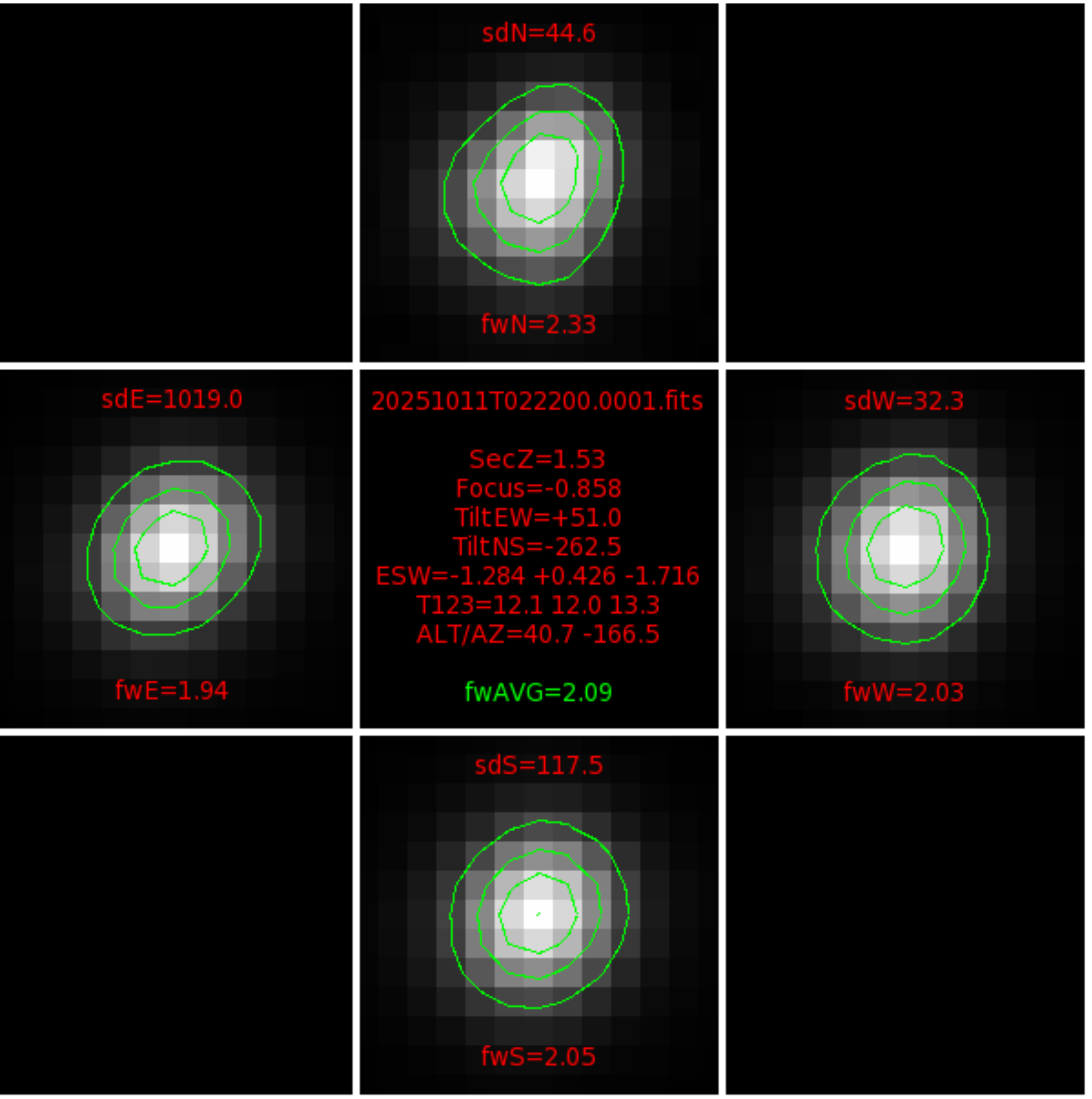
sdN=44.6
fwN=2.33
sdE=1019.0
fwE=1.94
20251011T022200.0001.fits
SecZ=1.53
Focus=-0.858
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.284 +0.426 -1.716
T123=12.1 12.0 13.3
ALT/AZ=40.7 -166.5
fwAVG=2.09
sdW=32.3
fwW=2.03
sdS=117.5
fwS=2.05
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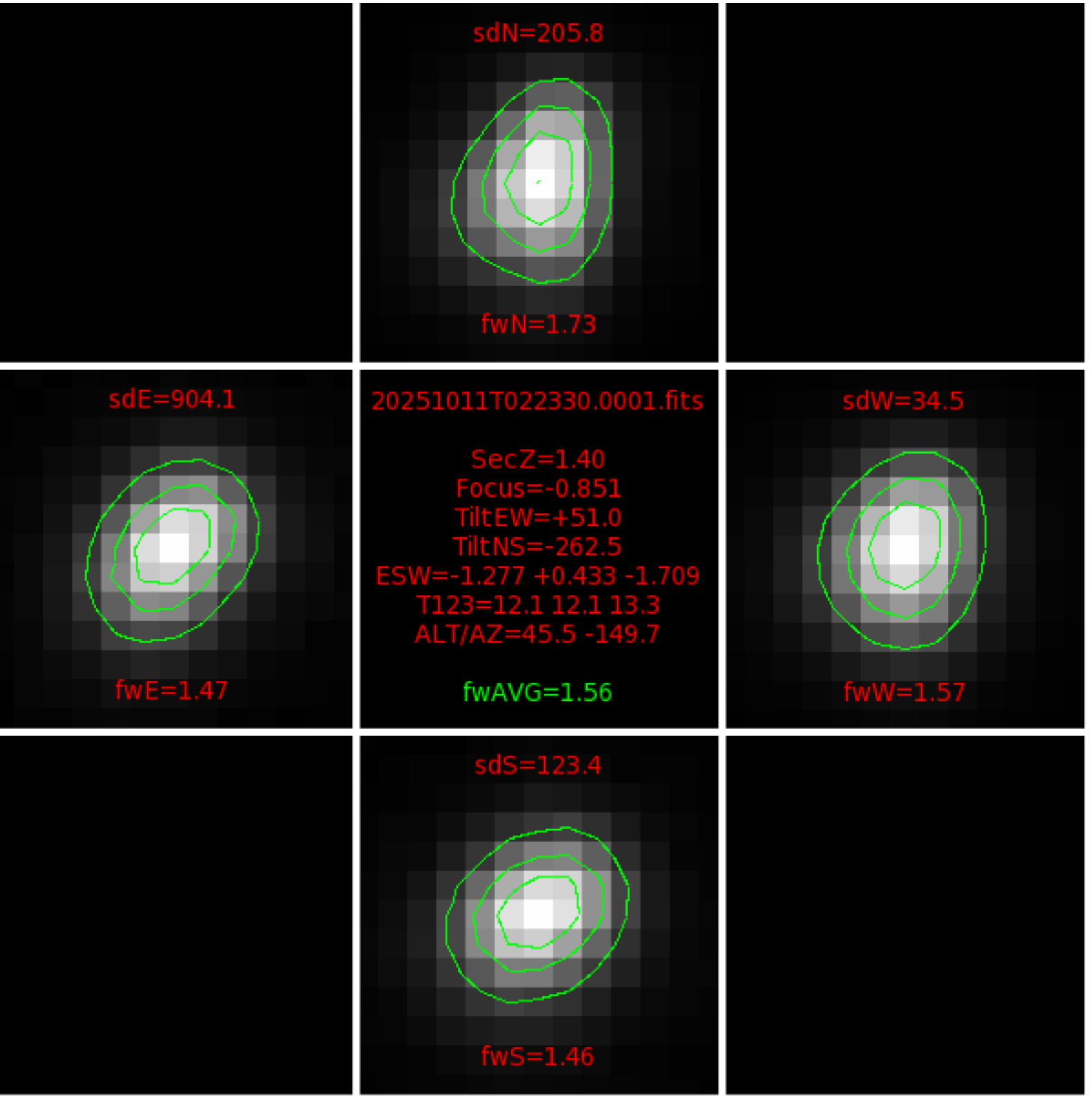
sdN=205.8
fwN=1.73
sdE=904.1
fwE=1.47
20251011T022330.0001.fits
SecZ=1.40
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.1 13.3
ALT/AZ=45.5 -149.7
fwAVG=1.56
sdW=34.5
fwW=1.57
sdS=123.4
fwS=1.46
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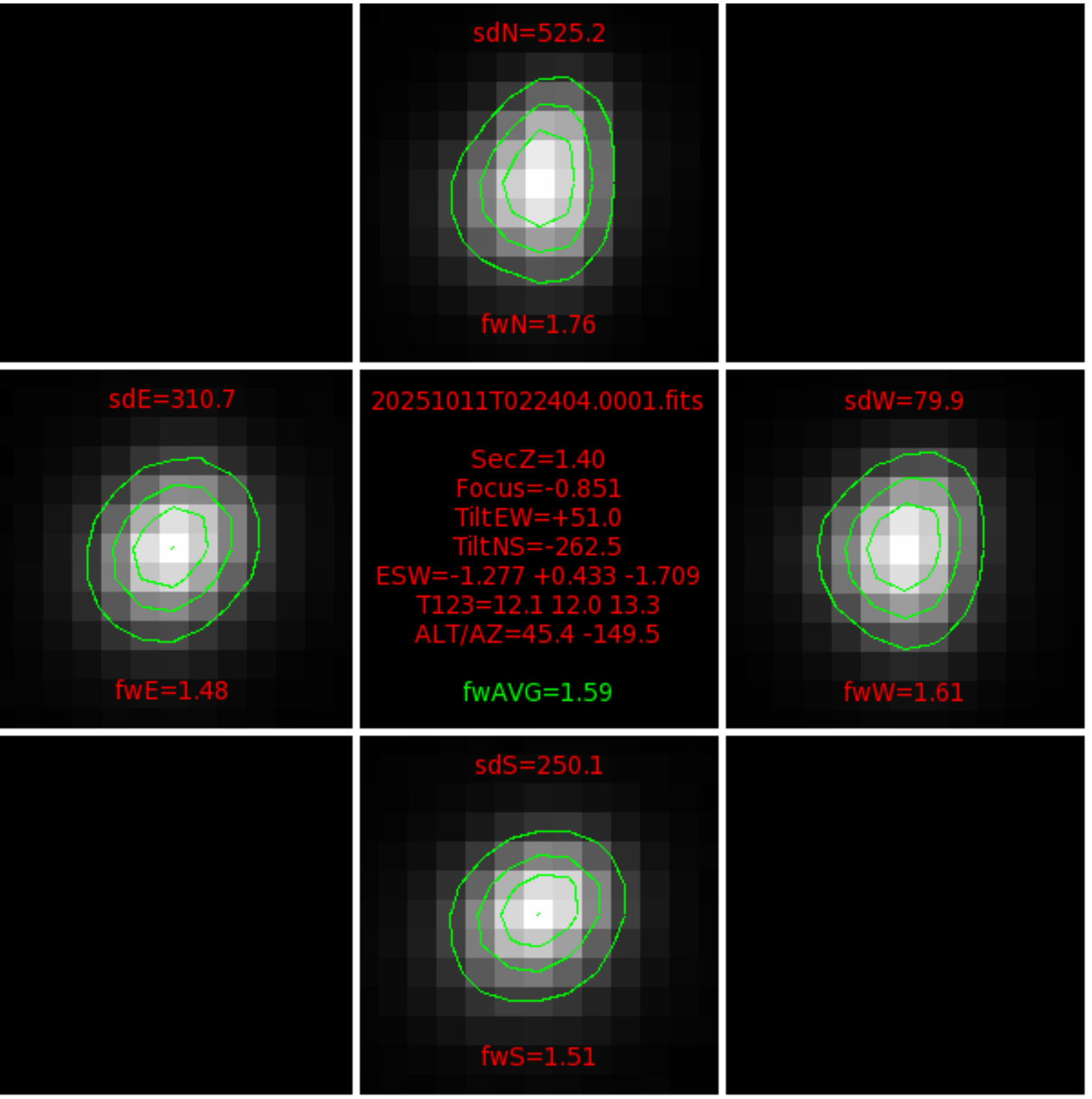
sdN=525.2
fwN=1.76
sdE=310.7
fwE=1.48
20251011T022404.0001.fits
SecZ=1.40
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.0 13.3
ALT/AZ=45.4 -149.5
fwAVG=1.59
sdW=79.9
fwW=1.61
sdS=250.1
fwS=1.51
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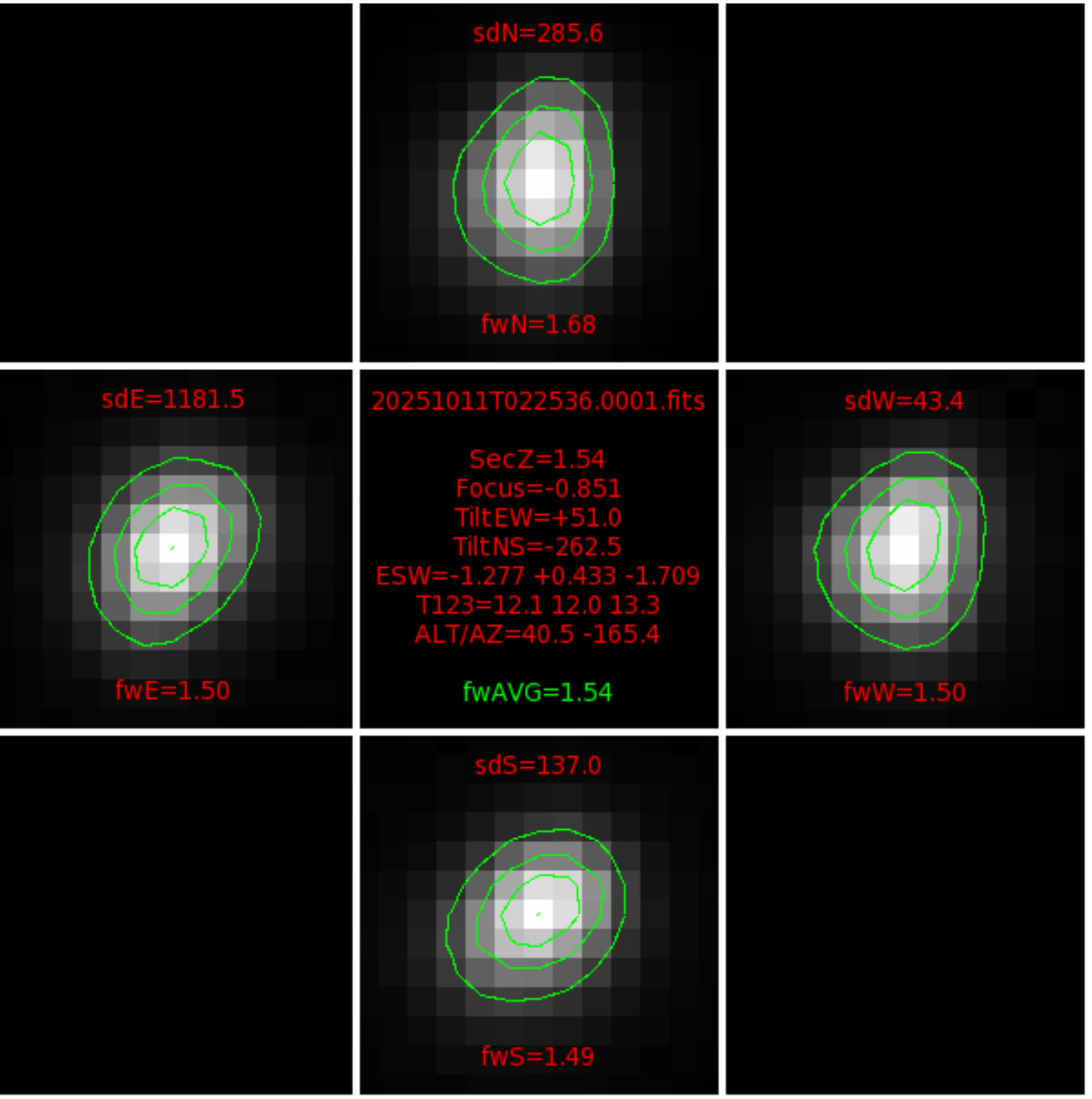
sdN=285.6
fwN=1.68
sdE=1181.5
fwE=1.50
20251011T022536.0001.fits
SecZ=1.54
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.0 13.3
ALT/AZ=40.5 -165.4
fwAVG=1.54
sdW=43.4
fwW=1.50
sdS=137.0
fwS=1.49
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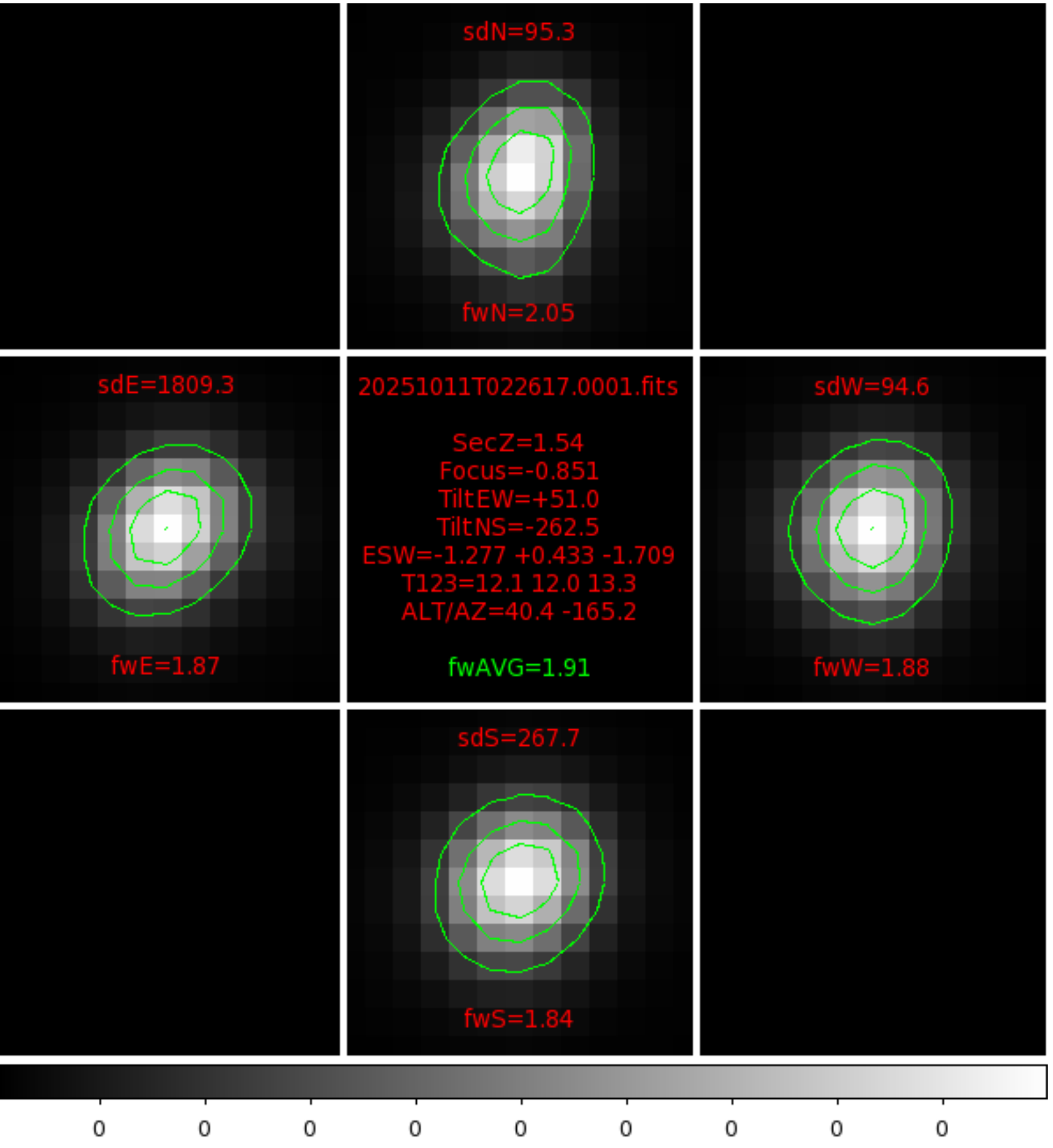
sdN=95.3
fwN=2.05
sdE=1809.3
fwE=1.87
20251011T022617.0001.fits
SecZ=1.54
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.0 13.3
ALT/AZ=40.4 -165.2
fwAVG=1.91
sdW=94.6
fwW=1.88
sdS=267.7
fwS=1.84
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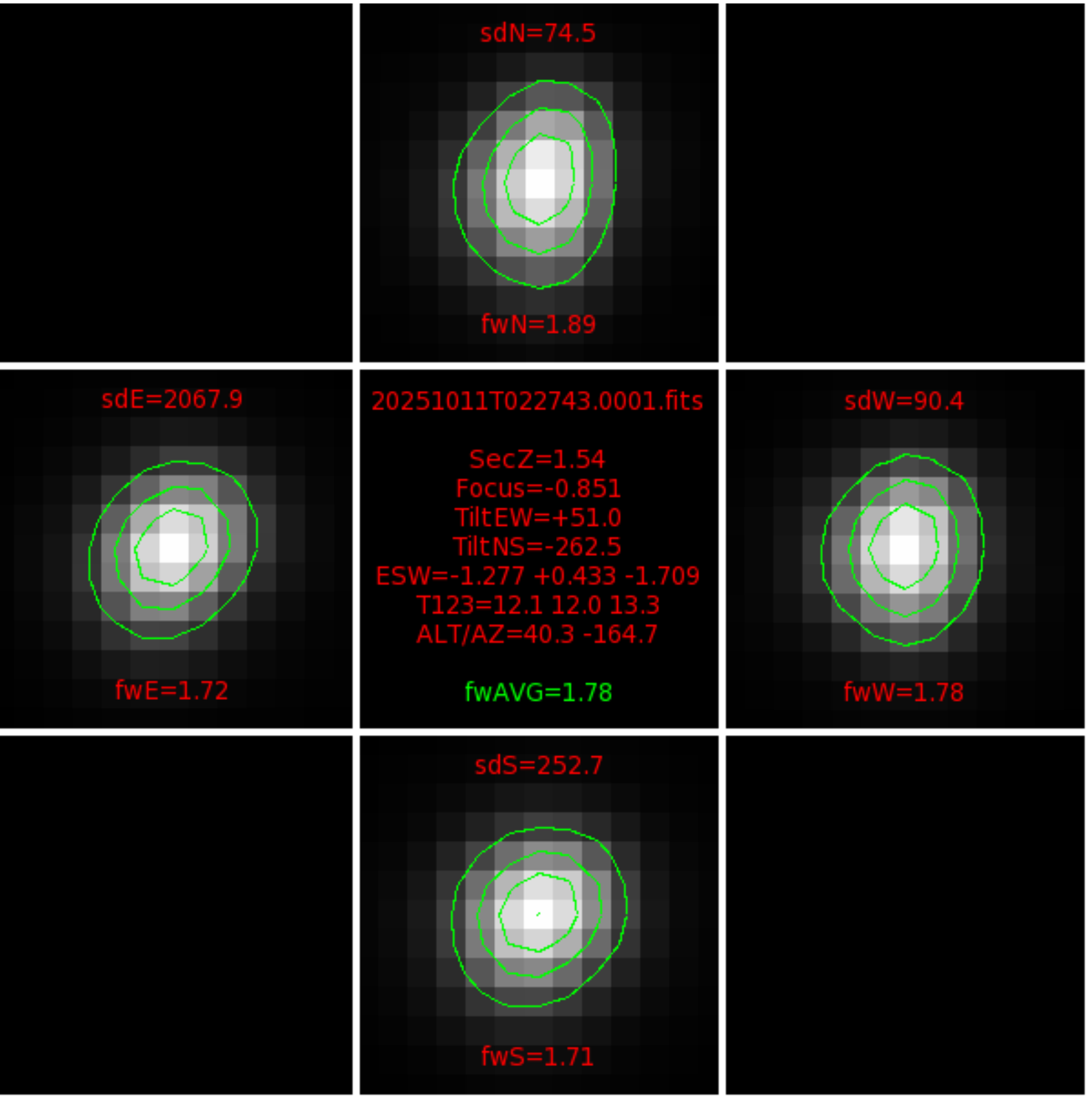
sdN=74.5
fwN=1.89
sdE=2067.9
fwE=1.72
20251011T022743.0001.fits
SecZ=1.54
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.0 13.3
ALT/AZ=40.3 -164.7
fwAVG=1.78
sdW=90.4
fwW=1.78
sdS=252.7
fwS=1.71
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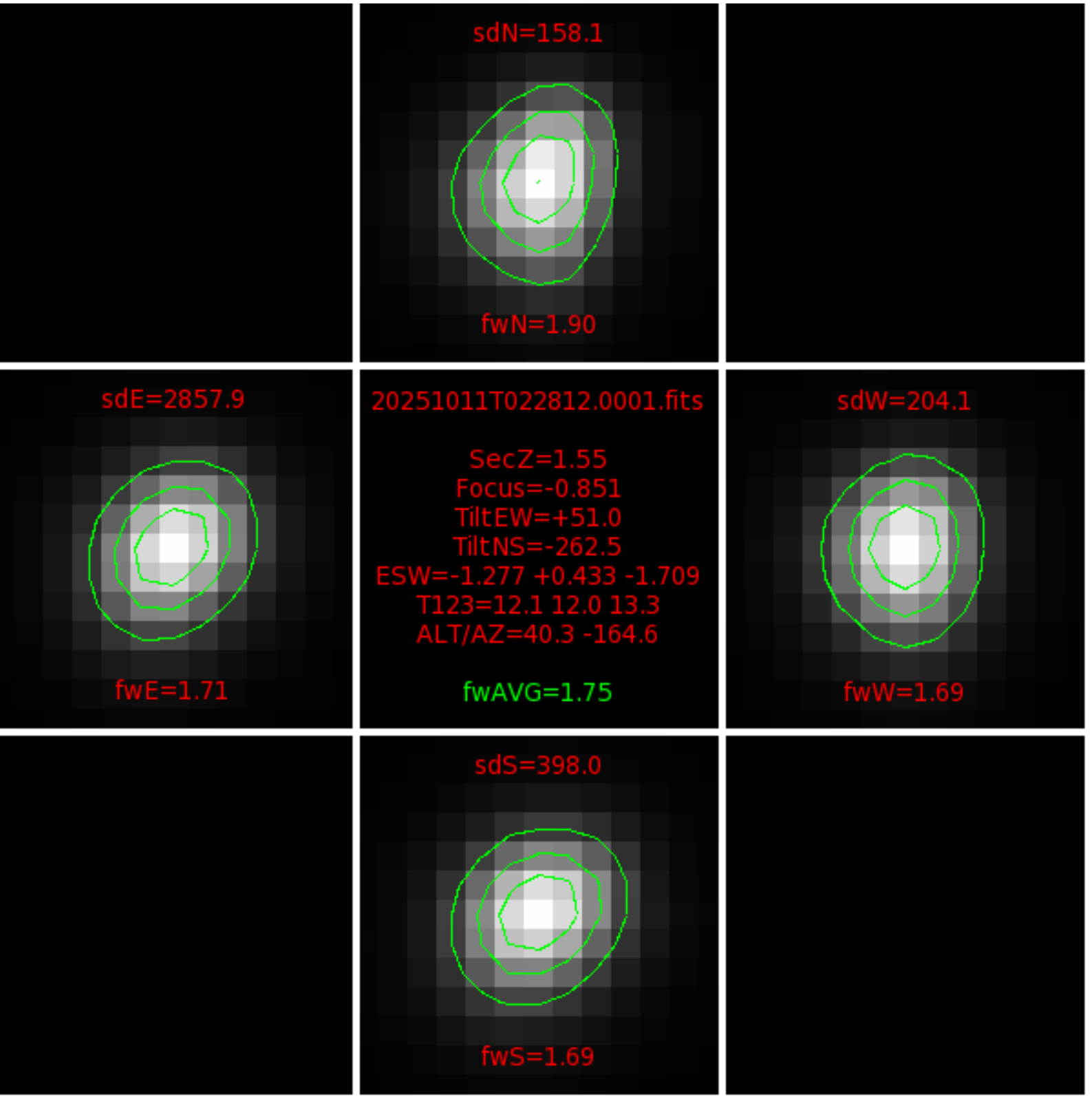
sdN=158.1
fwN=1.90
sdE=2857.9
fwE=1.71
20251011T022812.0001.fits
SecZ=1.55
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.0 13.3
ALT/AZ=40.3 -164.6
fwAVG=1.75
sdW=204.1
fwW=1.69
sdS=398.0
fwS=1.69
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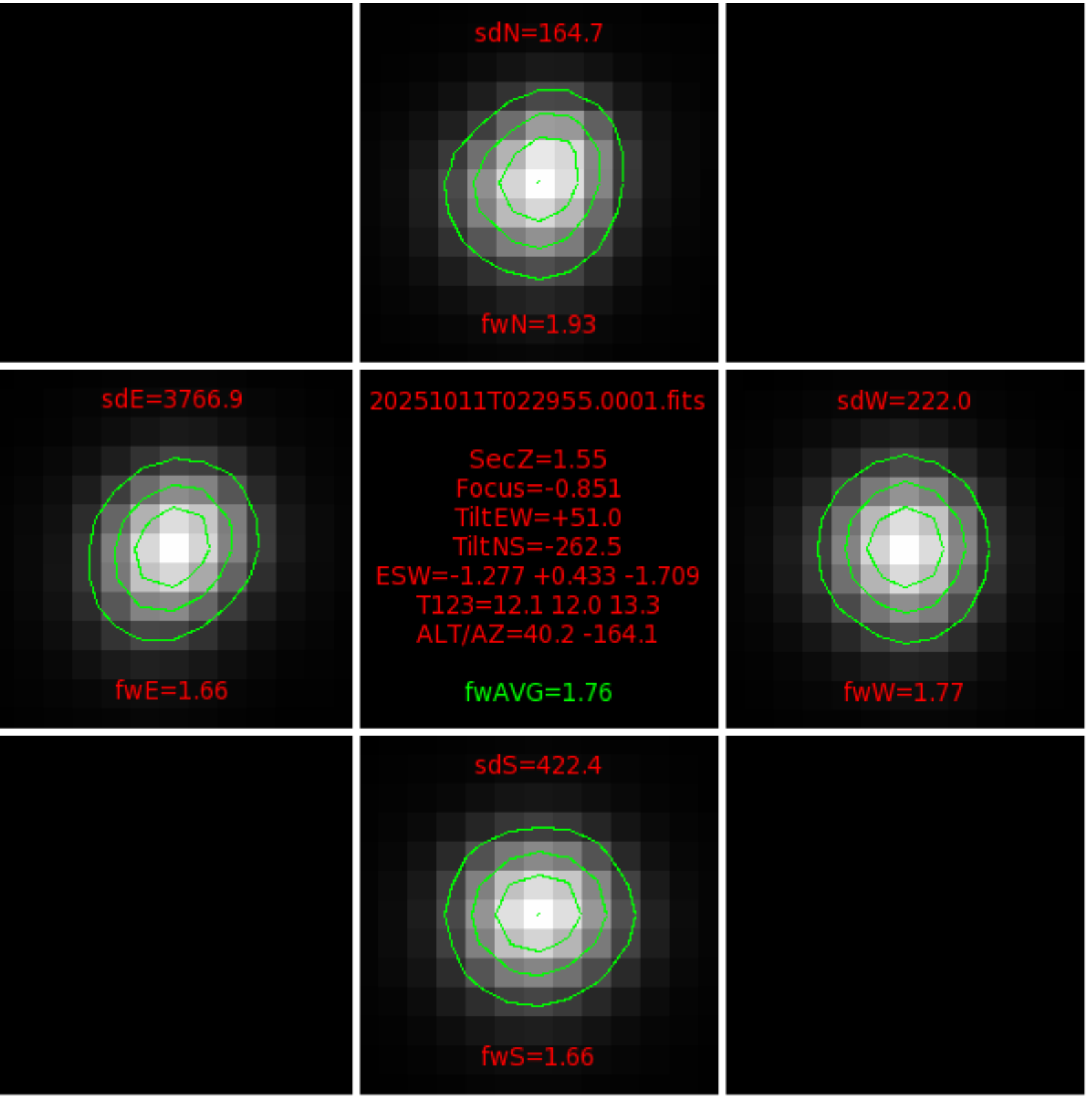
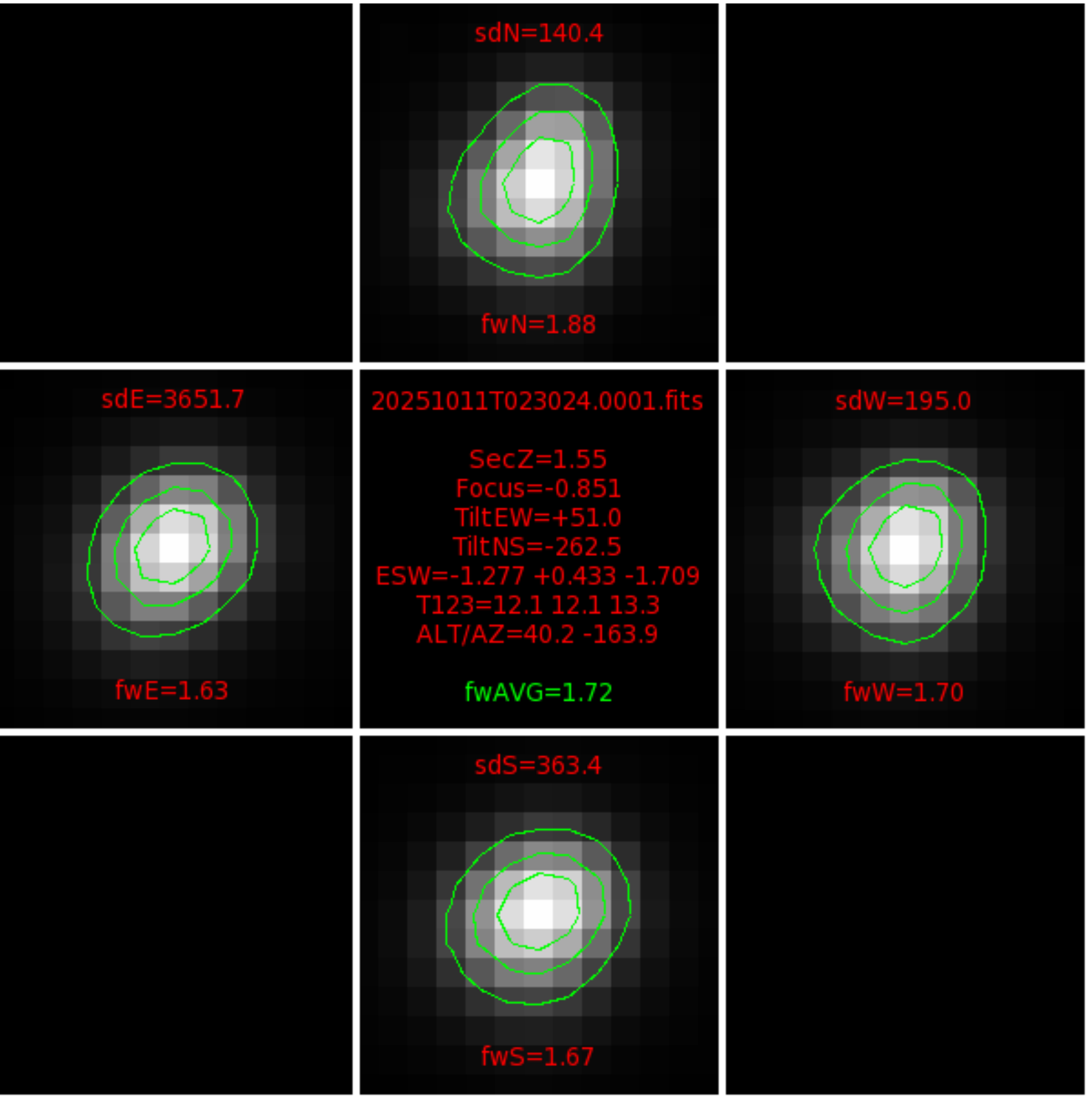
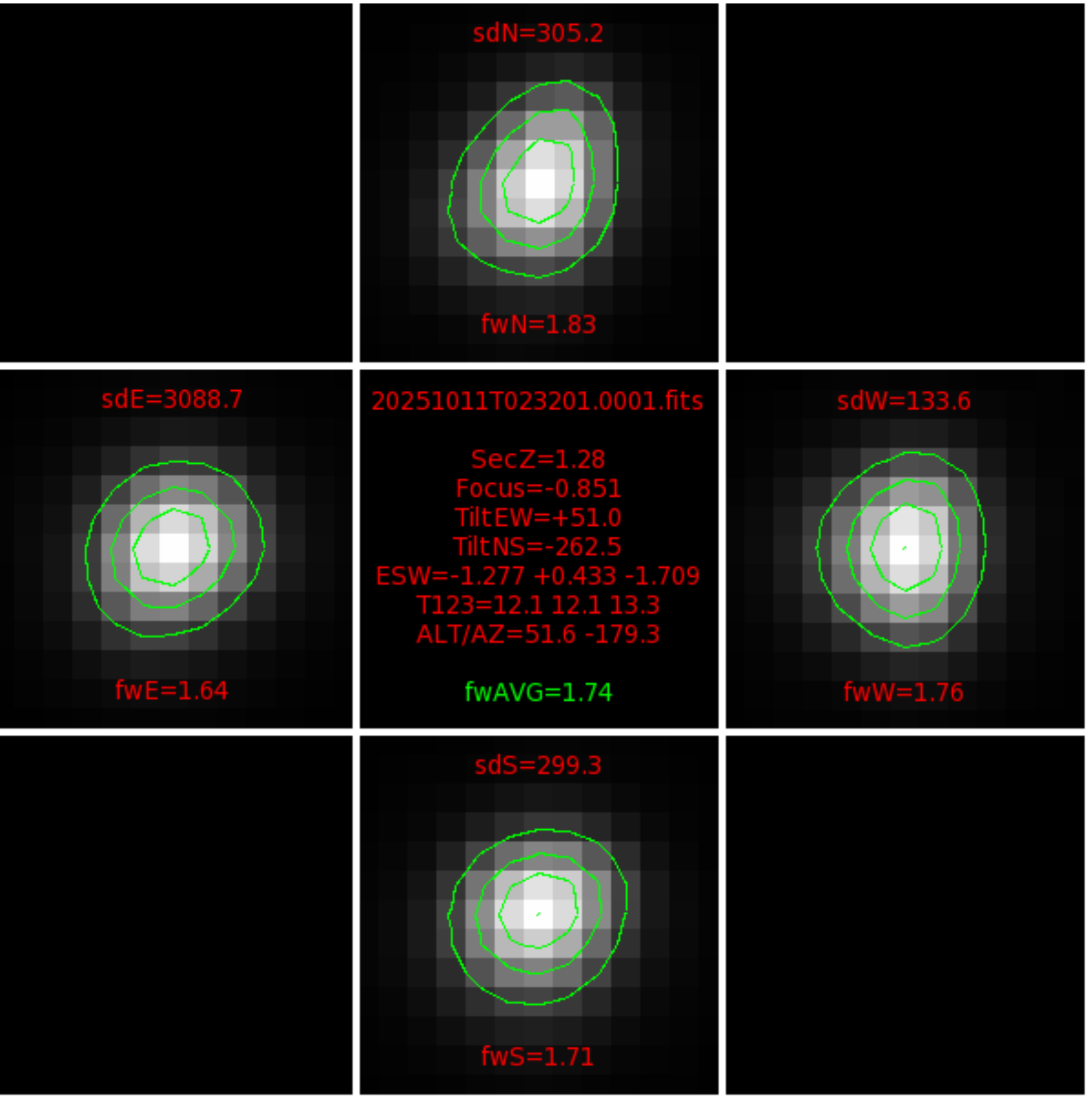

sdN=164.7
fwN=1.93
sdE=3766.9
fwE=1.66
20251011T022955.0001.fits
SecZ=1.55
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.0 13.3
ALT/AZ=40.2 -164.1
fwAVG=1.76
sdW=222.0
fwW=1.77
sdS=422.4
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=140.4
fwN=1.88
sdE=3651.7
fwE=1.63
20251011T023024.0001.fits
SecZ=1.55
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.1 13.3
ALT/AZ=40.2 -163.9
fwAVG=1.72
sdW=195.0
fwW=1.70
sdS=363.4
fwS=1.67
0 0 0 0 0 0 0 0 0


sdN=305.2
fwN=1.83
sdE=3088.7
fwE=1.64
20251011T023201.0001.fits
SecZ=1.28
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.1 13.3
ALT/AZ=51.6 -179.3
fwAVG=1.74
sdW=133.6
fwW=1.76
sdS=299.3
fwS=1.71
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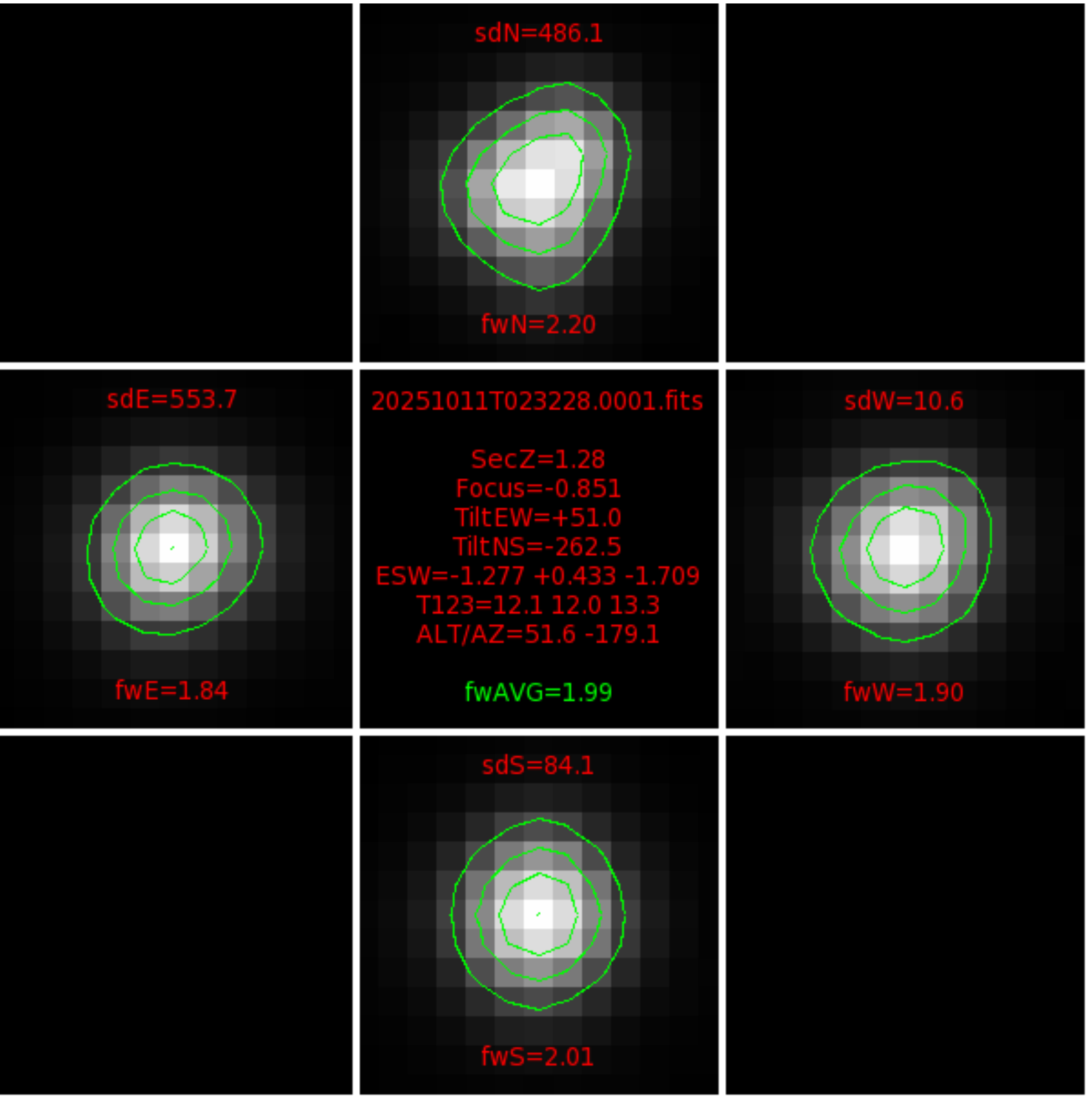
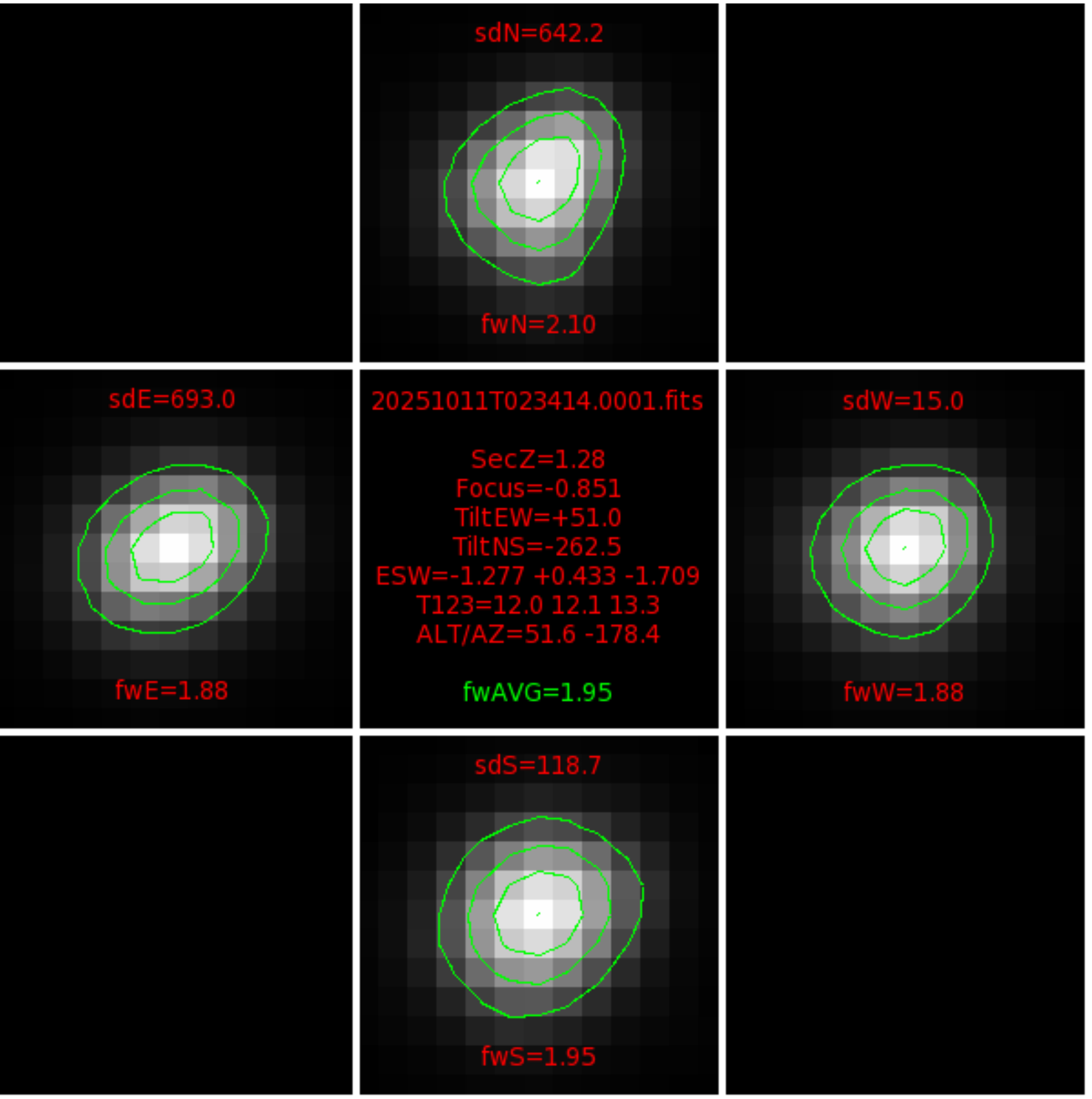
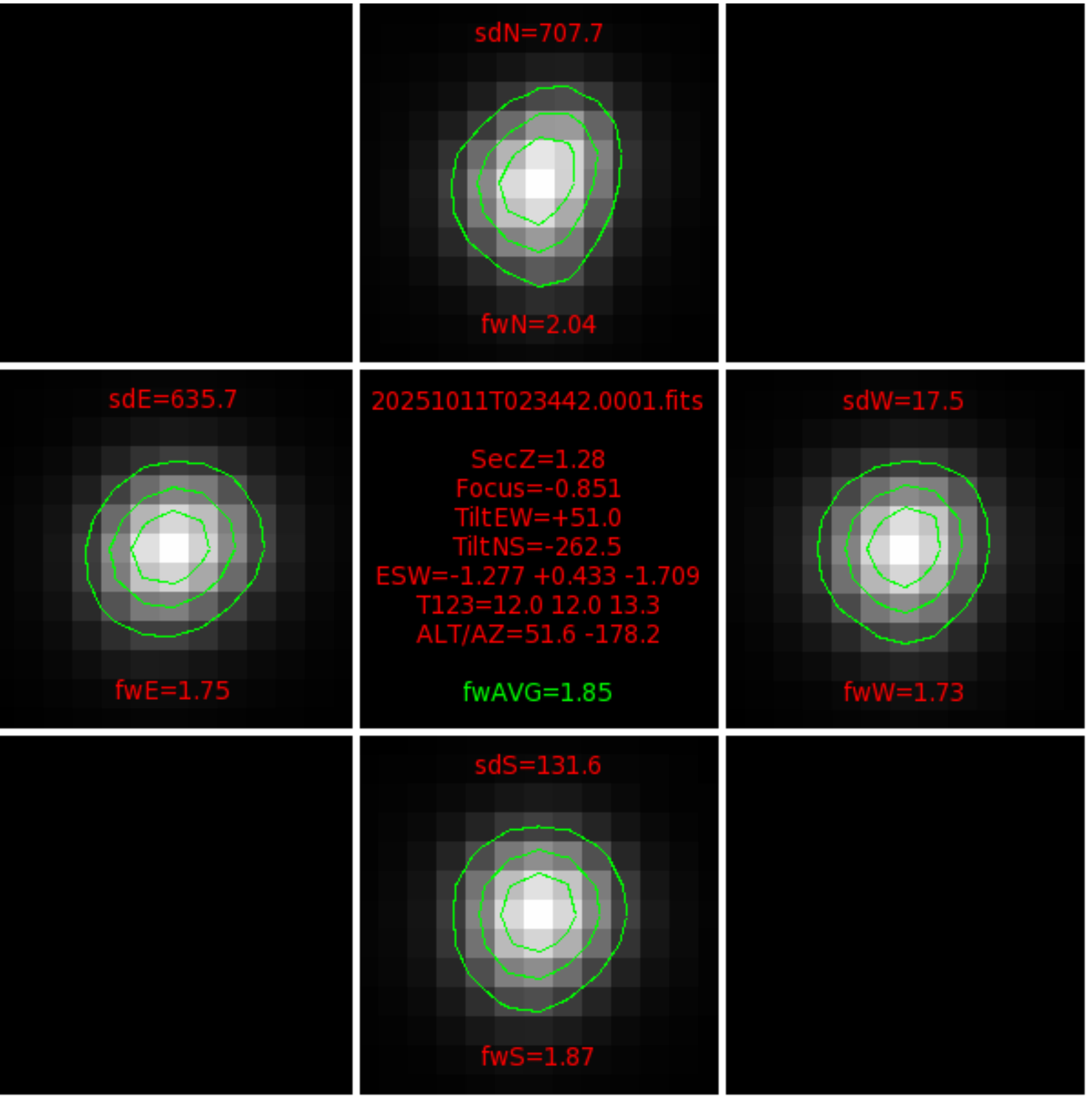

sdN=486.1
fwN=2.20
sdE=553.7
fwE=1.84
20251011T023228.0001.fits
SecZ=1.28
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.1 12.0 13.3
ALT/AZ=51.6 -179.1
fwAVG=1.99
sdW=10.6
fwW=1.90
sdS=84.1
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=642.2
fwN=2.10
sdE=693.0
fwE=1.88
20251011T023414.0001.fits
SecZ=1.28
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.0 12.1 13.3
ALT/AZ=51.6 -178.4
fwAVG=1.95
sdW=15.0
fwW=1.88
sdS=118.7
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=707.7
fwN=2.04
sdE=635.7
fwE=1.75
20251011T023442.0001.fits
SecZ=1.28
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=12.0 12.0 13.3
ALT/AZ=51.6 -178.2
fwAVG=1.85
sdW=17.5
fwW=1.73
sdS=131.6
fwS=1.87
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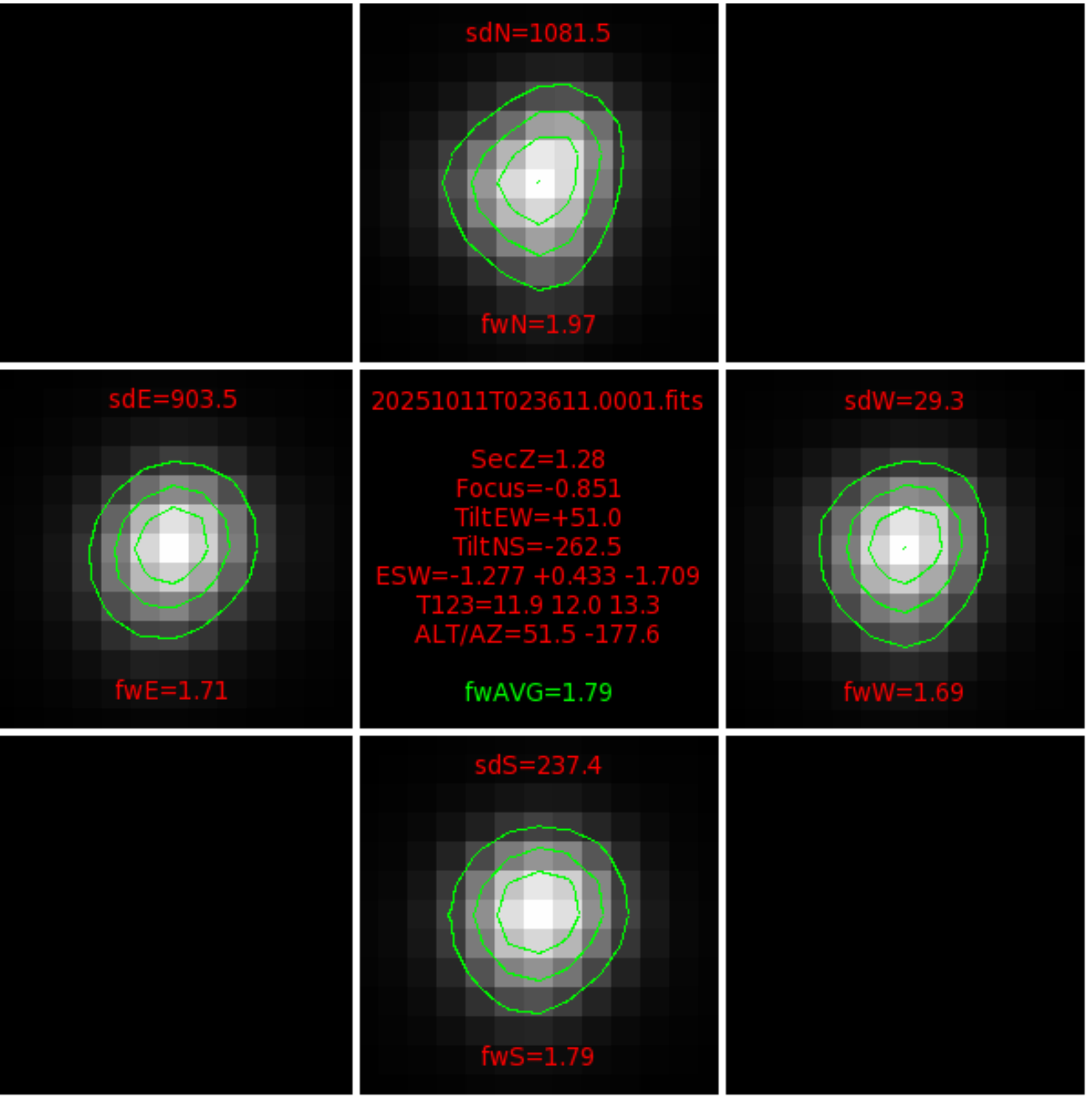
sdN=1081.5
fwN=1.97
sdE=903.5
fwE=1.71
20251011T023611.0001.fits
SecZ=1.28
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.9 12.0 13.3
ALT/AZ=51.5 -177.6
fwAVG=1.79
sdW=29.3
fwW=1.69
sdS=237.4
fwS=1.79
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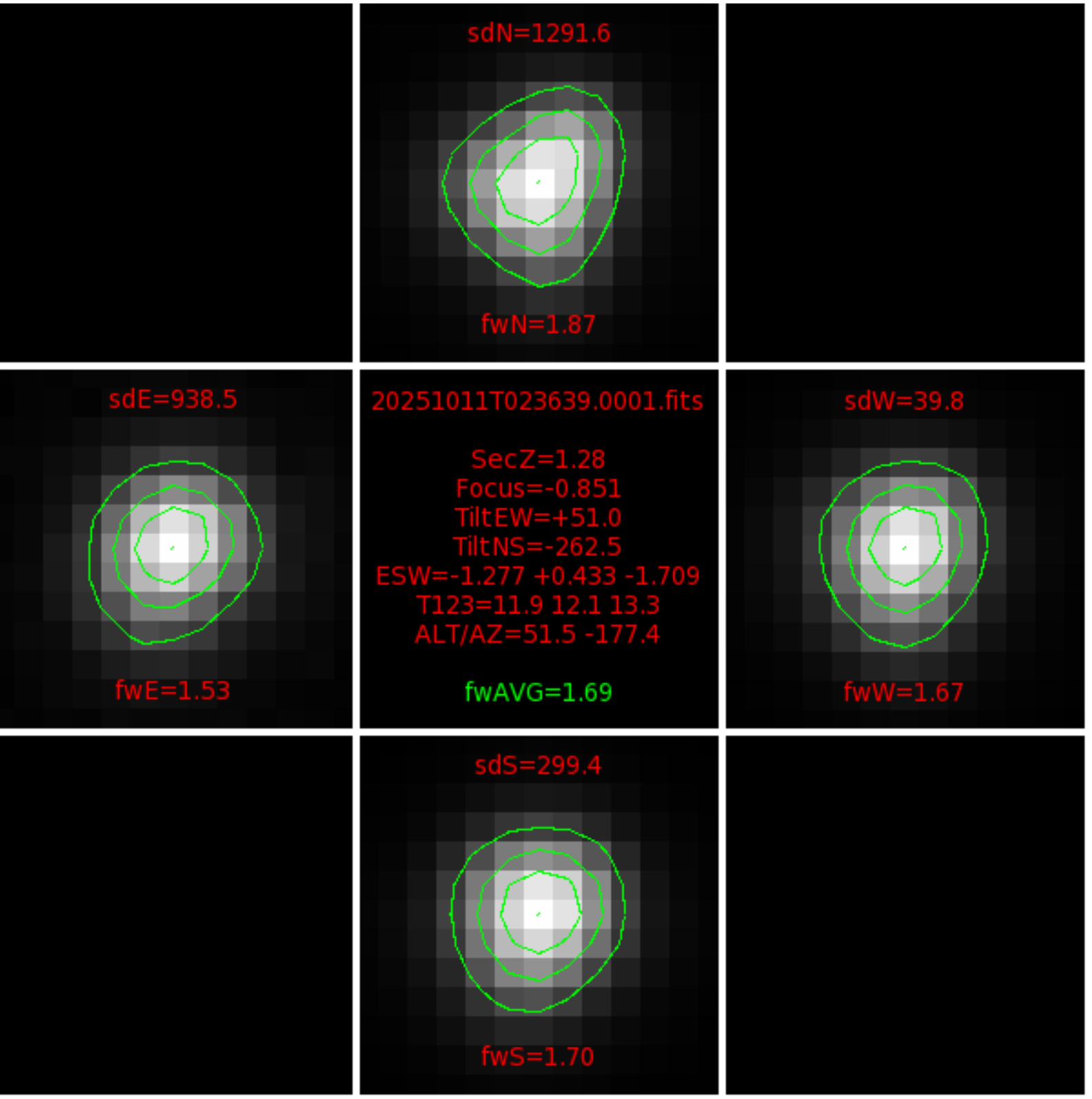
sdN=1291.6
fwN=1.87
sdE=938.5
fwE=1.53
20251011T023639.0001.fits
SecZ=1.28
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.9 12.1 13.3
ALT/AZ=51.5 -177.4
fwAVG=1.69
sdW=39.8
fwW=1.67
sdS=299.4
fwS=1.70
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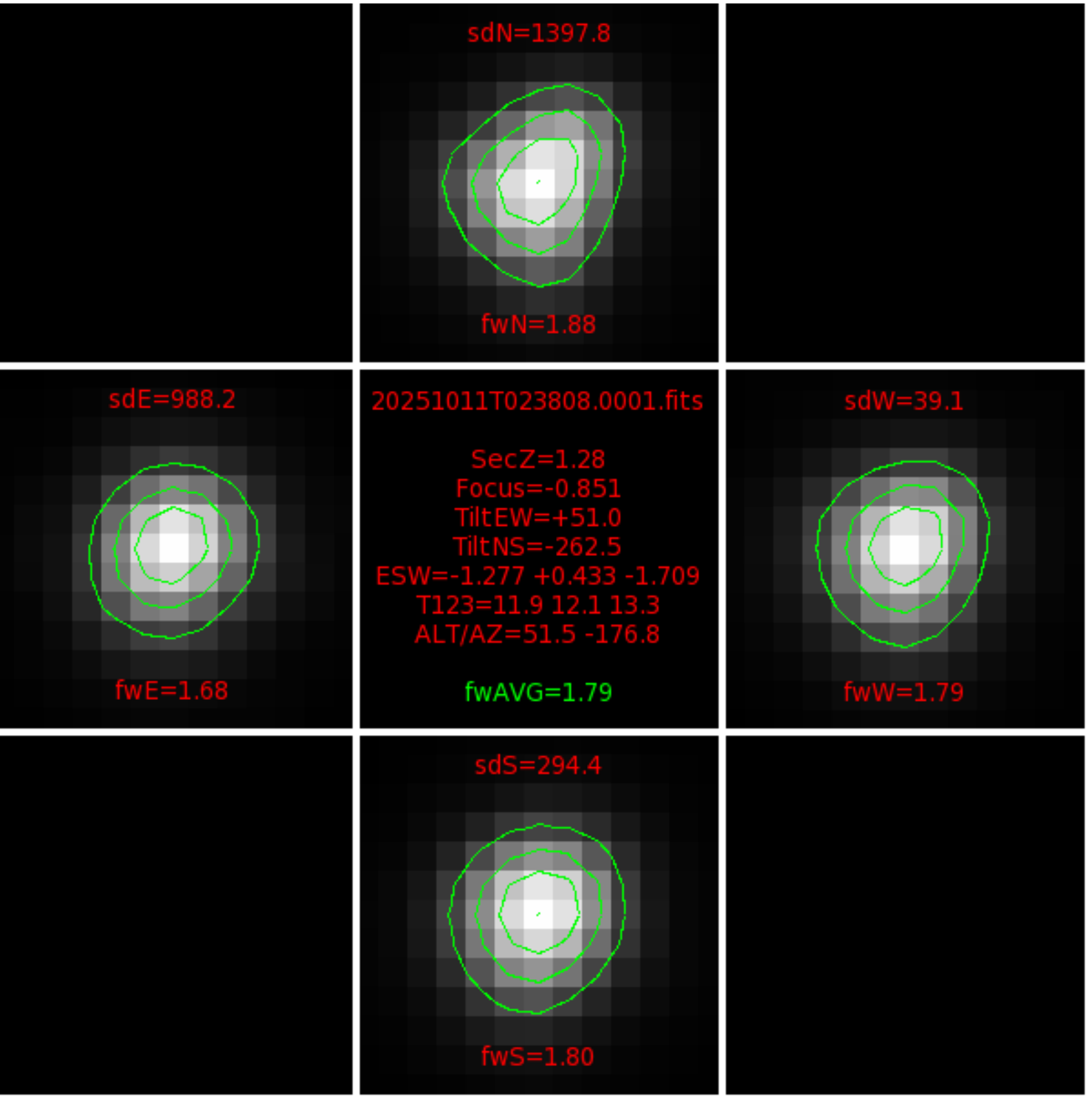
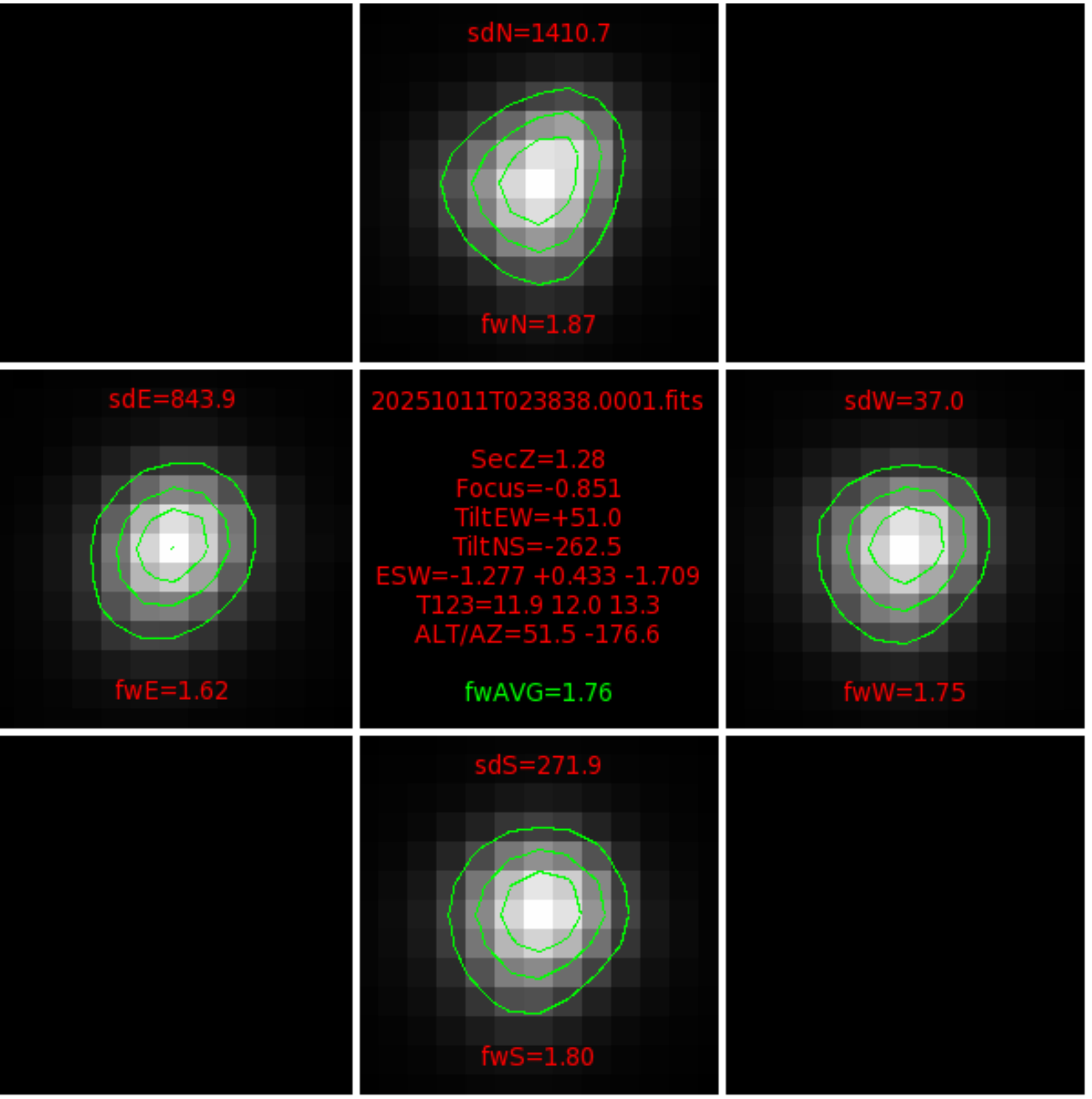

sdN=1397.8
fwN=1.88
sdE=988.2
fwE=1.68
20251011T023808.0001.fits
SecZ=1.28
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.9 12.1 13.3
ALT/AZ=51.5 -176.8
fwAVG=1.79
sdW=39.1
fwW=1.79
sdS=294.4
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=1410.7
fwN=1.87
sdE=843.9
fwE=1.62
20251011T023838.0001.fits
SecZ=1.28
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.9 12.0 13.3
ALT/AZ=51.5 -176.6
fwAVG=1.76
sdW=37.0
fwW=1.75
sdS=271.9
fwS=1.80
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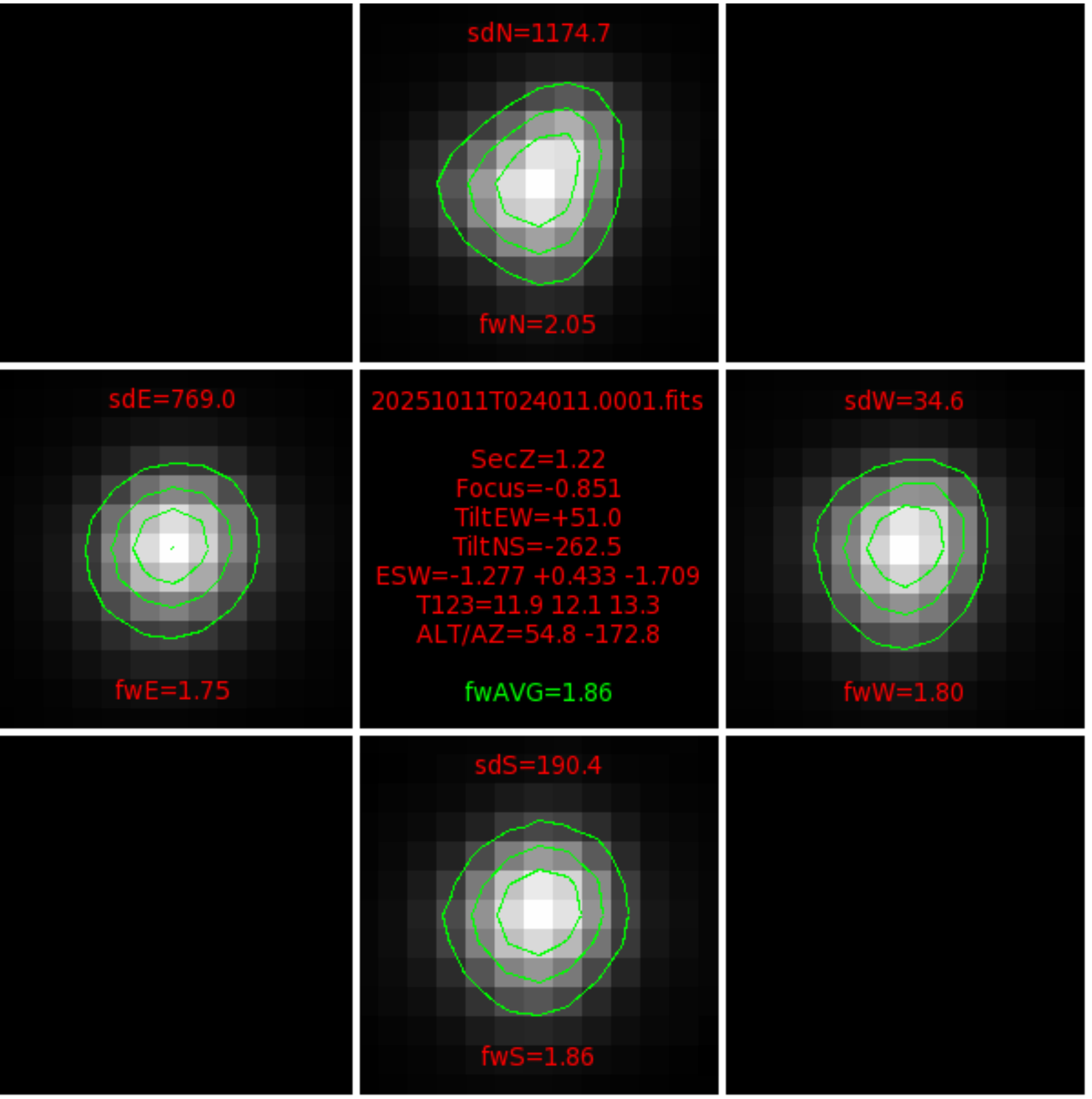
sdN=1174.7
fwN=2.05
sdE=769.0
fwE=1.75
20251011T024011.0001.fits
SecZ=1.22
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.9 12.1 13.3
ALT/AZ=54.8 -172.8
fwAVG=1.86
sdW=34.6
fwW=1.80
sdS=190.4
fwS=1.86
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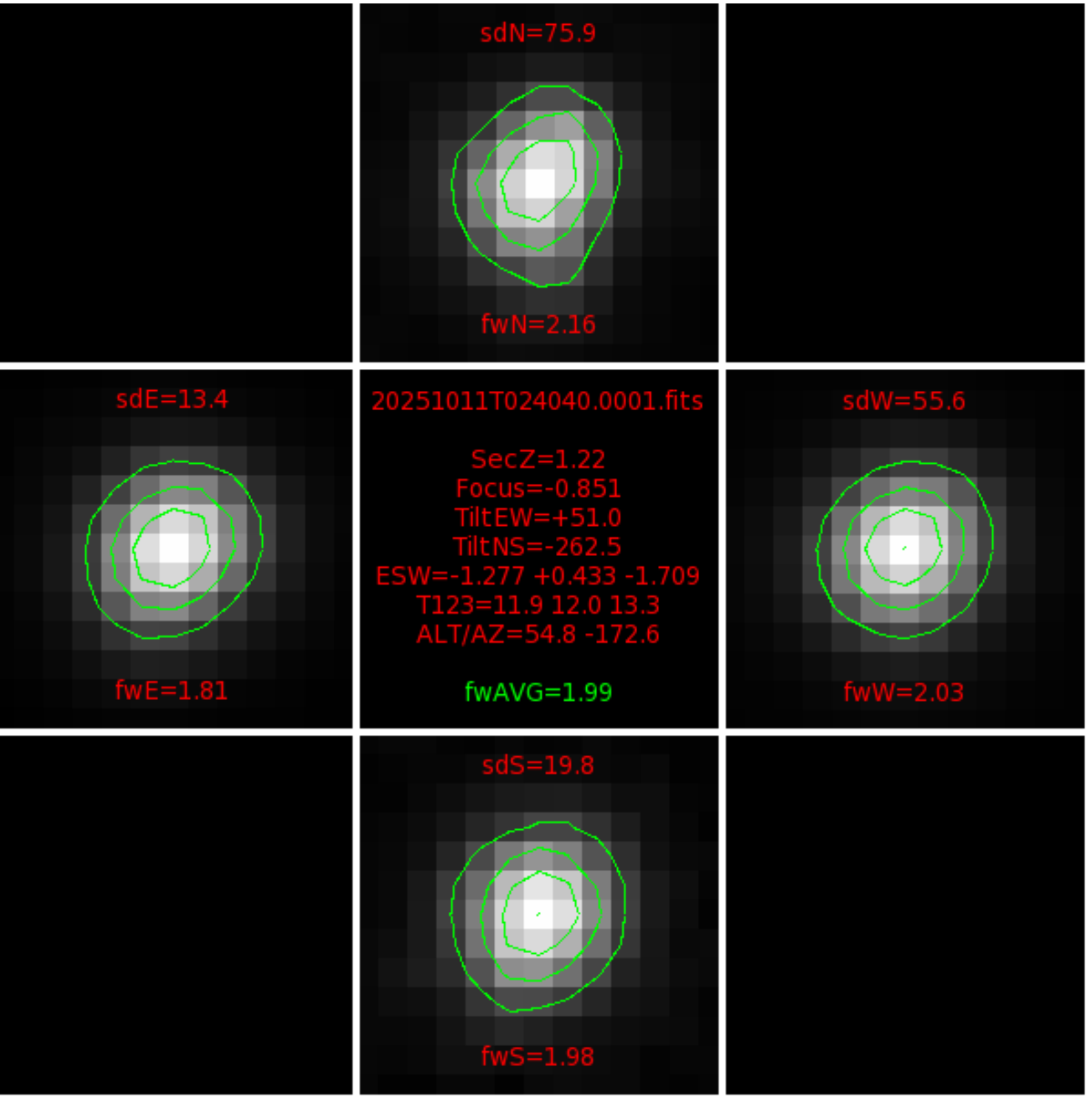
sdN=75.9
fwN=2.16
sdE=13.4
fwE=1.81
20251011T024040.0001.fits
SecZ=1.22
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.9 12.0 13.3
ALT/AZ=54.8 -172.6
fwAVG=1.99
sdW=55.6
fwW=2.03
sdS=19.8
fwS=1.98
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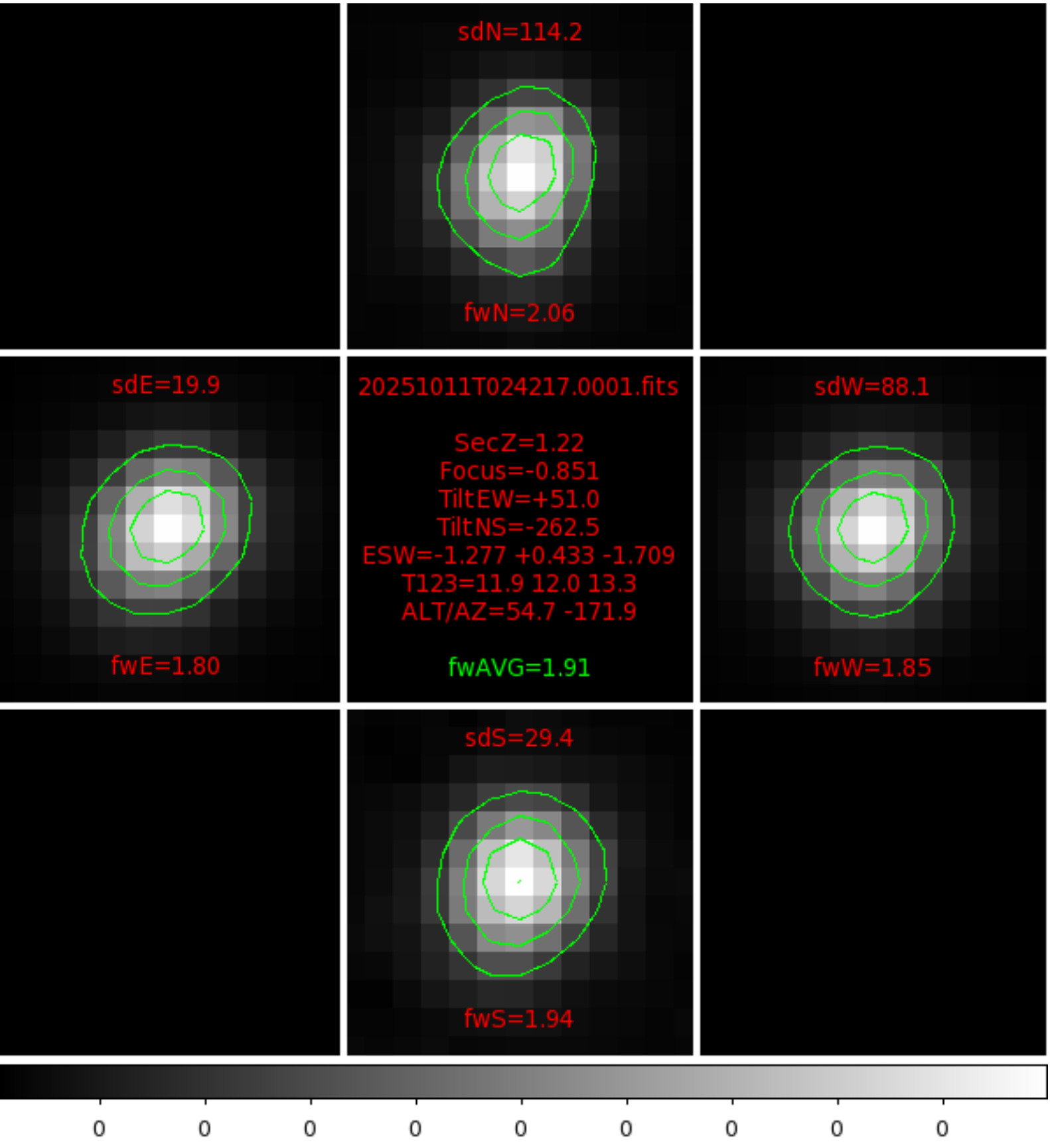
sdN=114.2
fwN=2.06
sdE=19.9
fwE=1.80
20251011T024217.0001.fits
SecZ=1.22
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.9 12.0 13.3
ALT/AZ=54.7 -171.9
fwAVG=1.91
sdW=88.1
fwW=1.85
sdS=29.4
fwS=1.94
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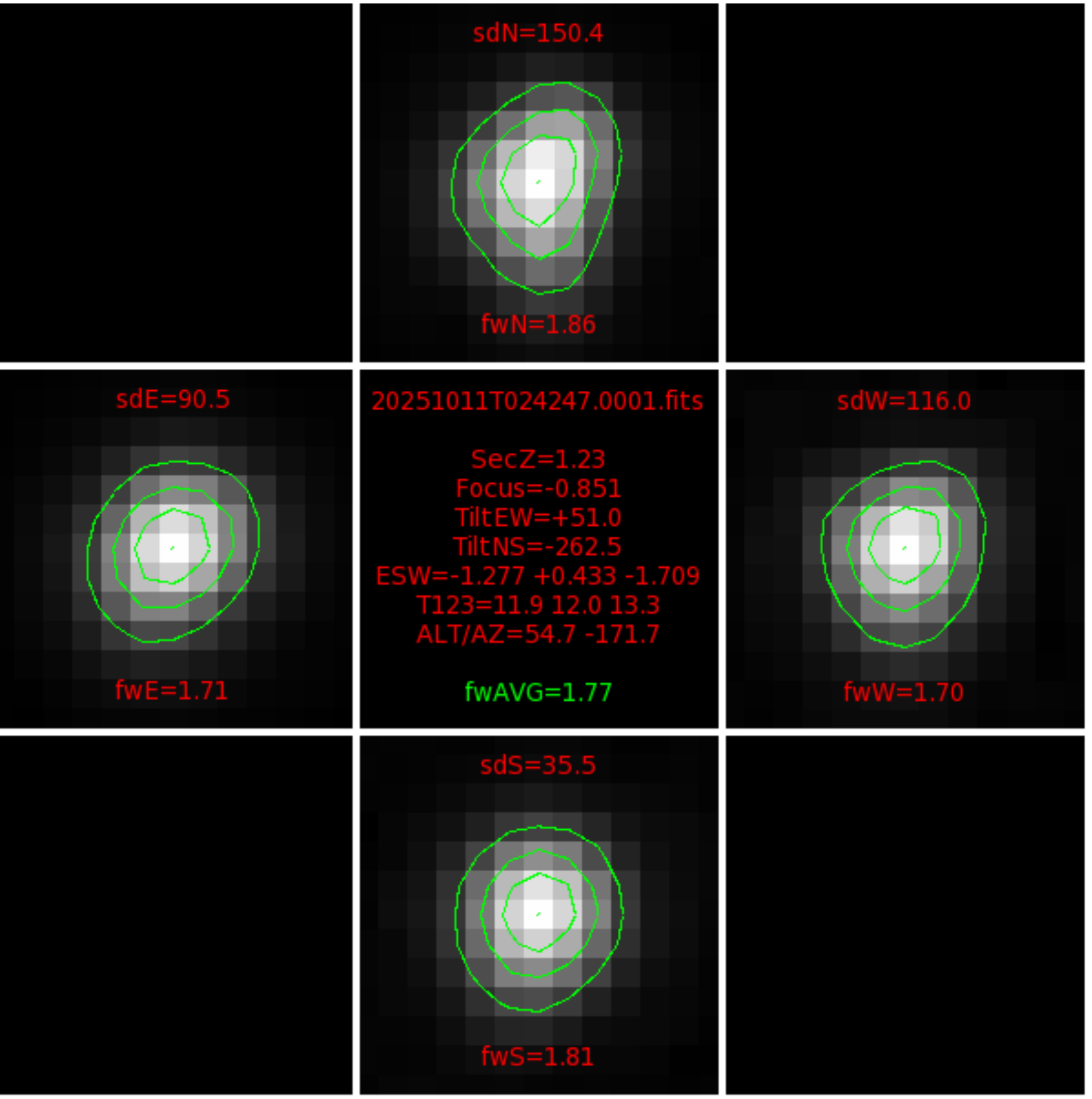
sdN=150.4
fwN=1.86
sdE=90.5
fwE=1.71
20251011T024247.0001.fits
SecZ=1.23
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.9 12.0 13.3
ALT/AZ=54.7 -171.7
fwAVG=1.77
sdW=116.0
fwW=1.70
sdS=35.5
fwS=1.81
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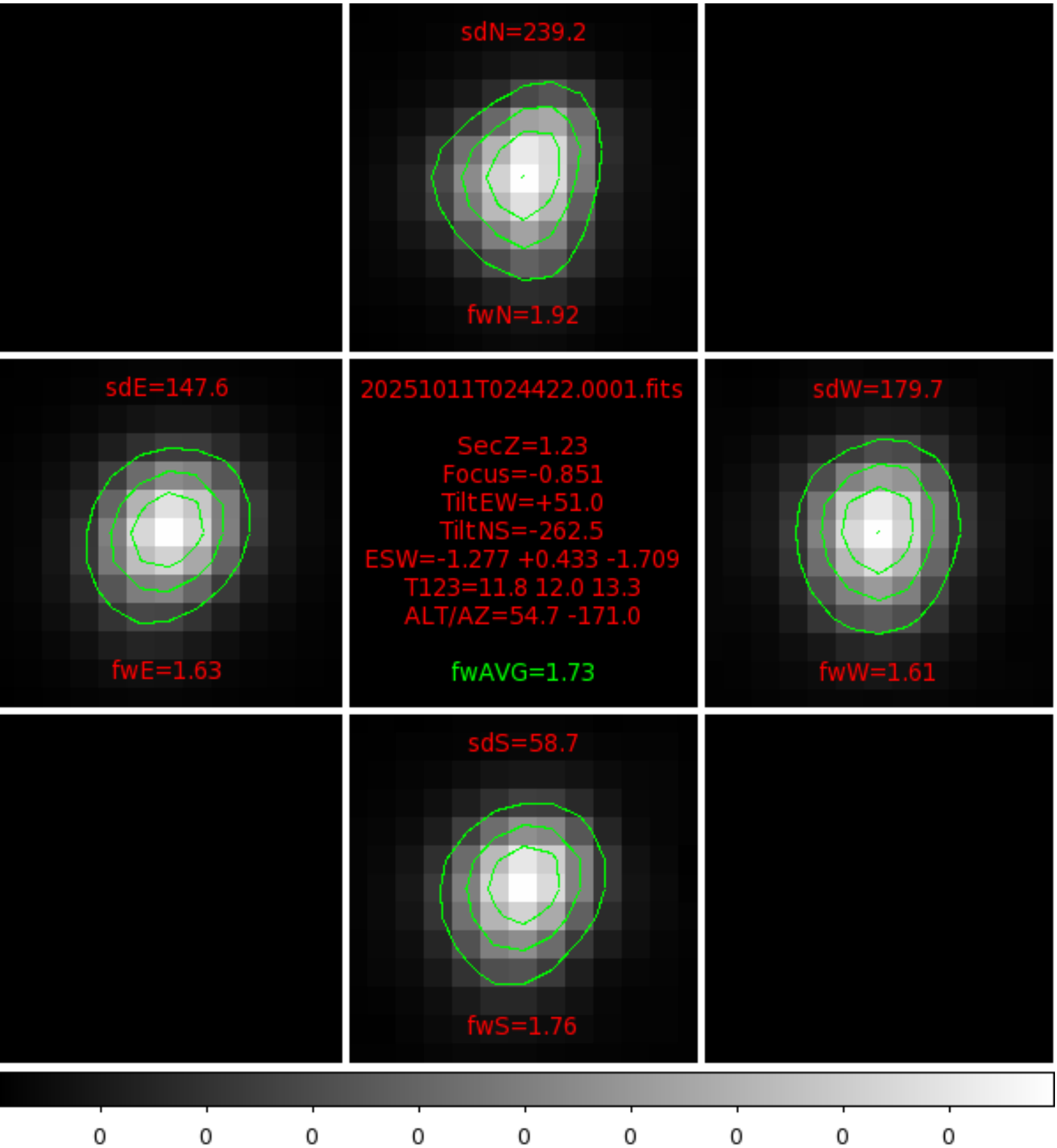
sdN=239.2
fwN=1.92
sdE=147.6
fwE=1.63
20251011T024422.0001.fits
SecZ=1.23
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.8 12.0 13.3
ALT/AZ=54.7 -171.0
fwAVG=1.73
sdW=179.7
fwW=1.61
sdS=58.7
fwS=1.76
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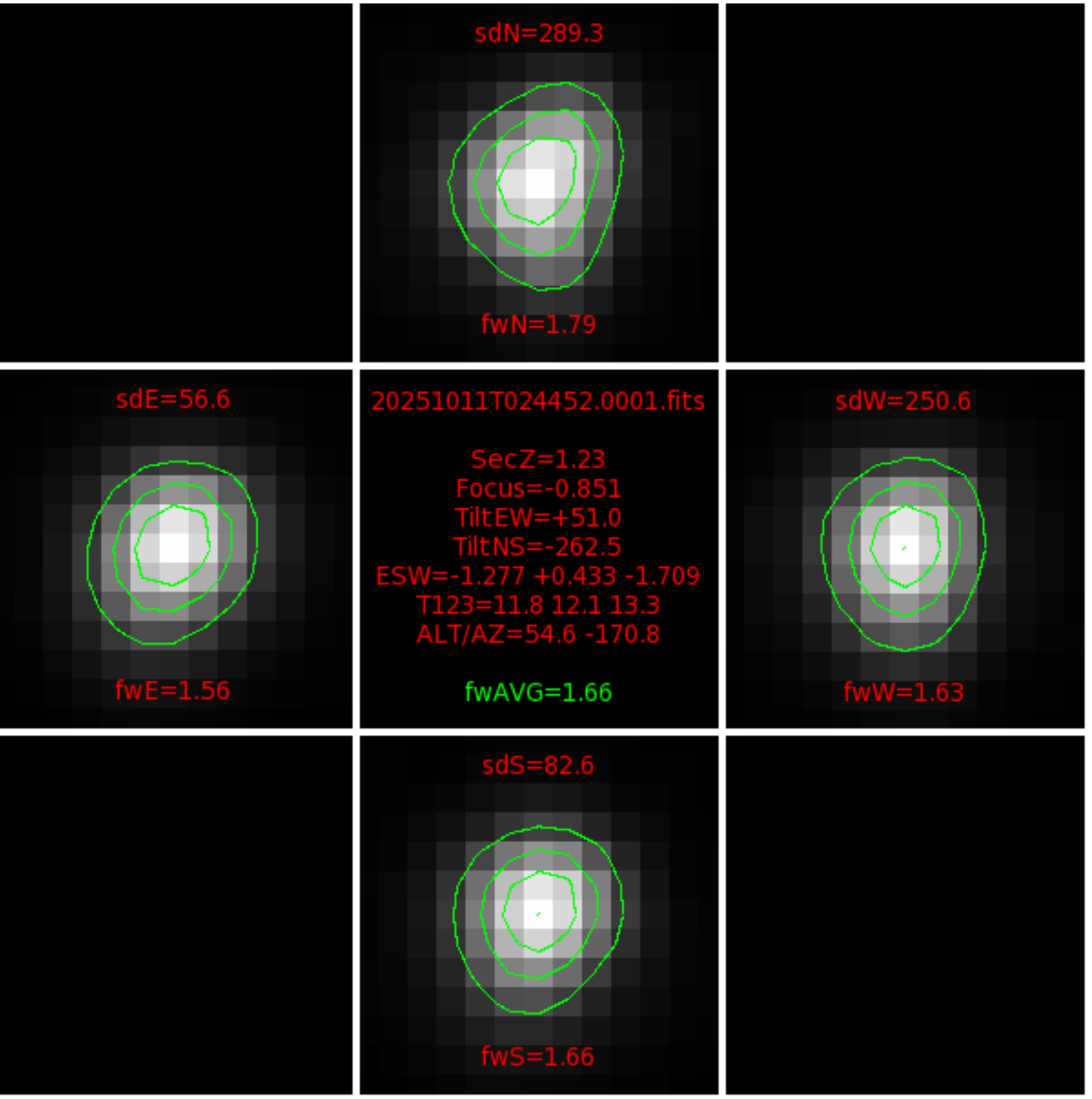
sdN=289.3
fwN=1.79
sdE=56.6
fwE=1.56
20251011T024452.0001.fits
SecZ=1.23
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.8 12.1 13.3
ALT/AZ=54.6 -170.8
fwAVG=1.66
sdW=250.6
fwW=1.63
sdS=82.6
fwS=1.66
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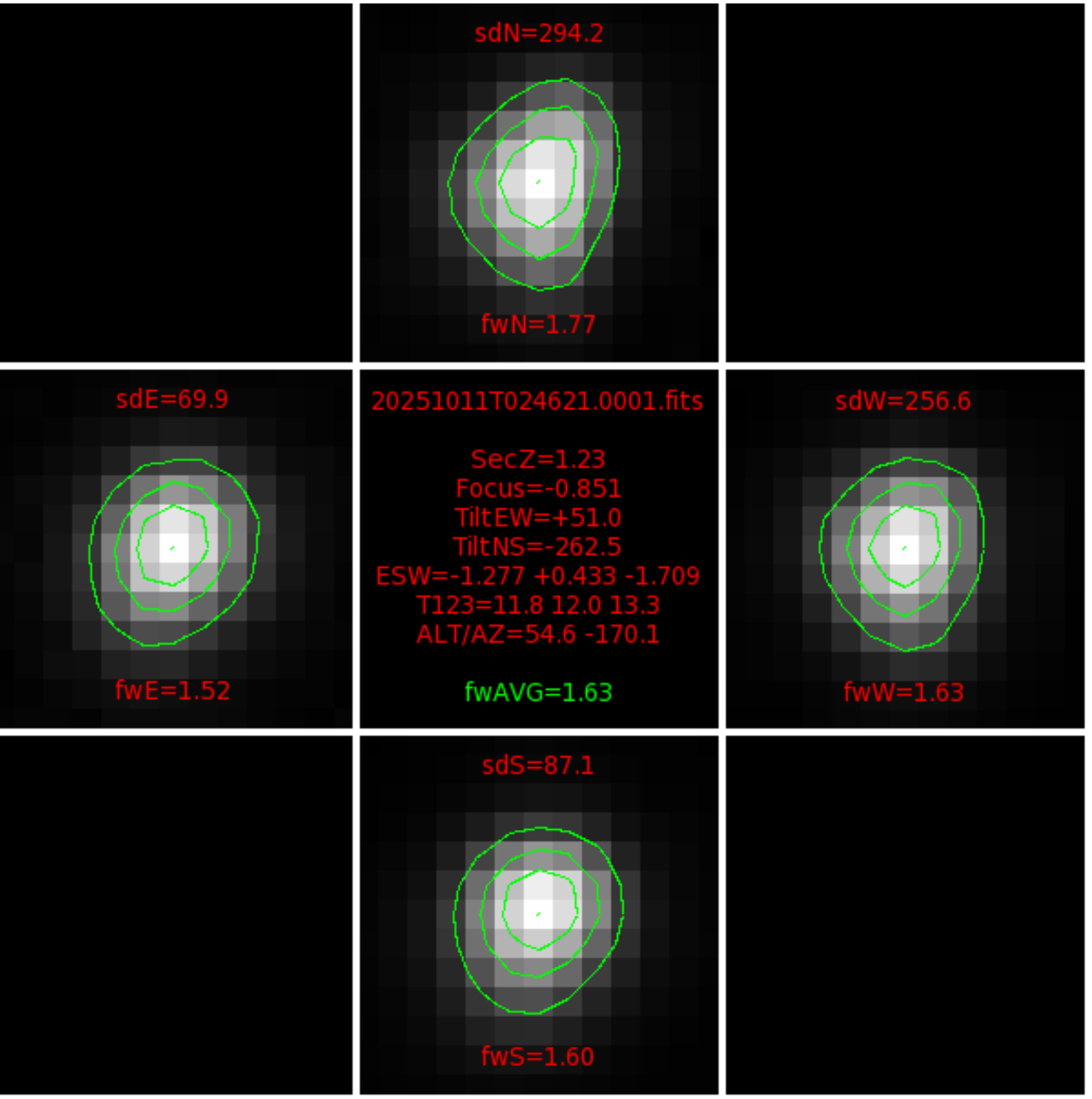
sdN=294.2
fwN=1.77
sdE=69.9
fwE=1.52
20251011T024621.0001.fits
SecZ=1.23
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.8 12.0 13.3
ALT/AZ=54.6 -170.1
fwAVG=1.63
sdW=256.6
fwW=1.63
sdS=87.1
fwS=1.60
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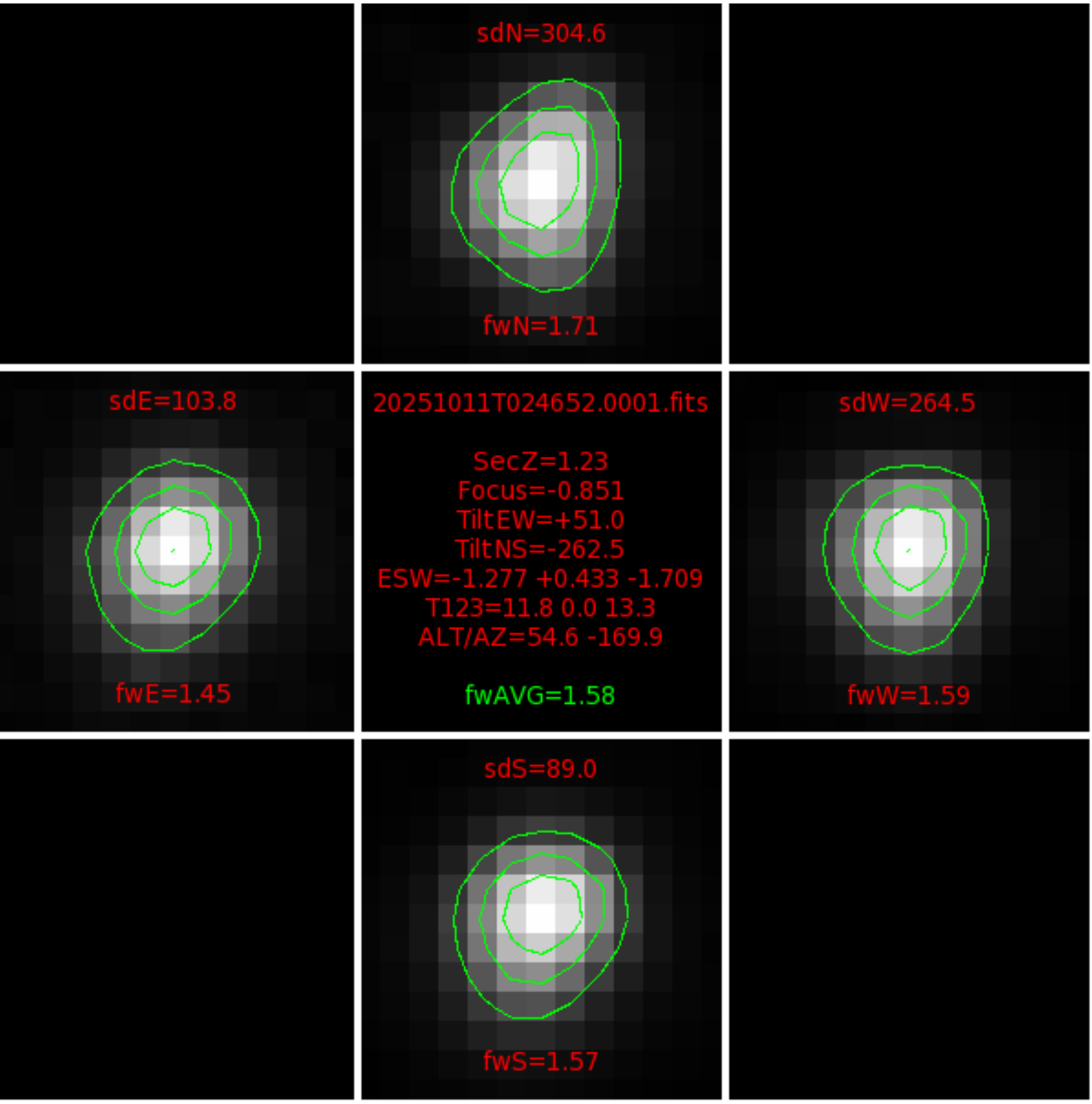
sdN=304.6
fwN=1.71
sdE=103.8
fwE=1.45
20251011T024652.0001.fits
SecZ=1.23
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.8 0.0 13.3
ALT/AZ=54.6 -169.9
fwAVG=1.58
sdW=264.5
fwW=1.59
sdS=89.0
fwS=1.57
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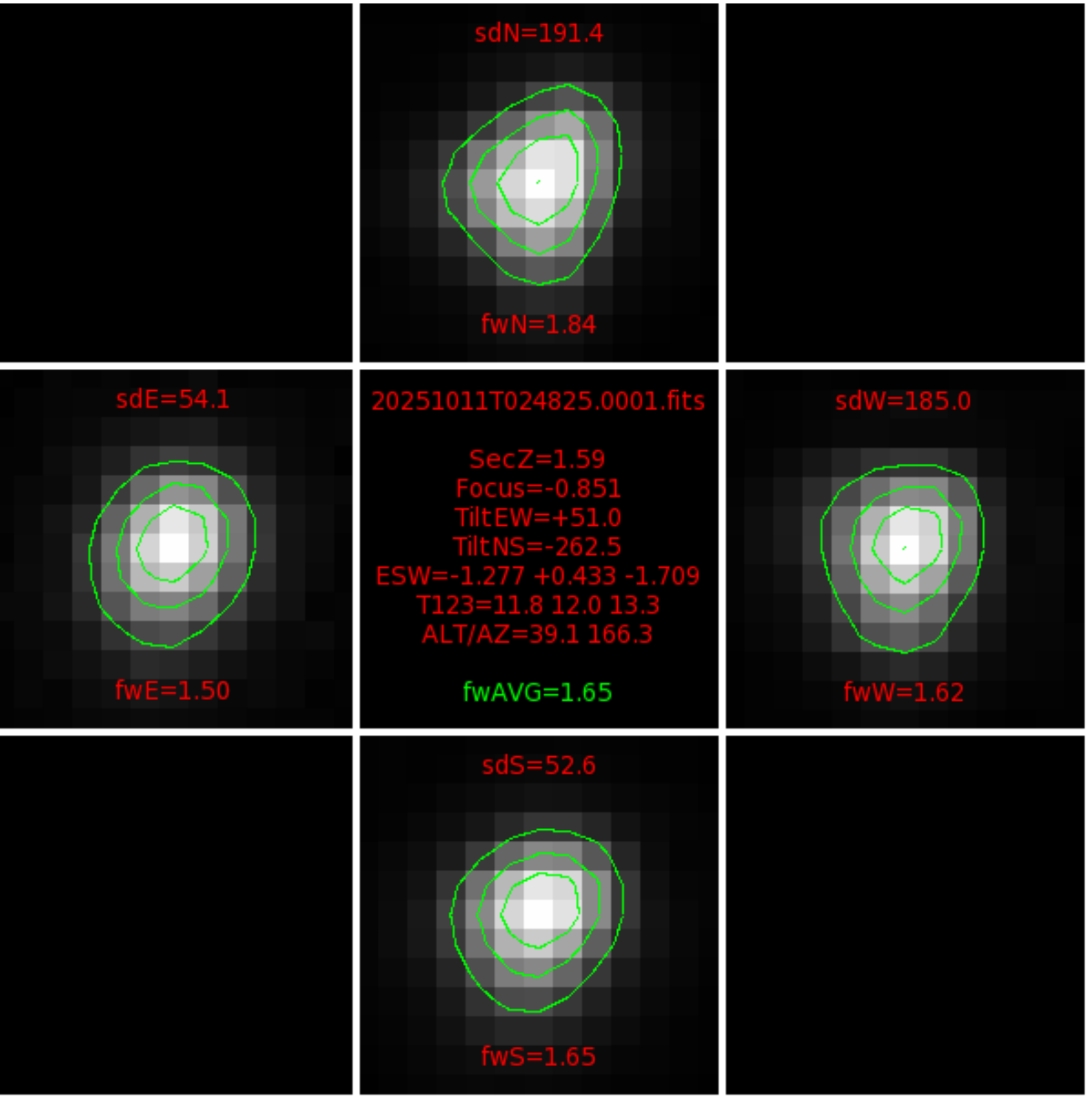
sdN=191.4
fwN=1.84
sdE=54.1
fwE=1.50
20251011T024825.0001.fits
SecZ=1.59
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.8 12.0 13.3
ALT/AZ=39.1 166.3
fwAVG=1.65
sdW=185.0
fwW=1.62
sdS=52.6
fwS=1.65
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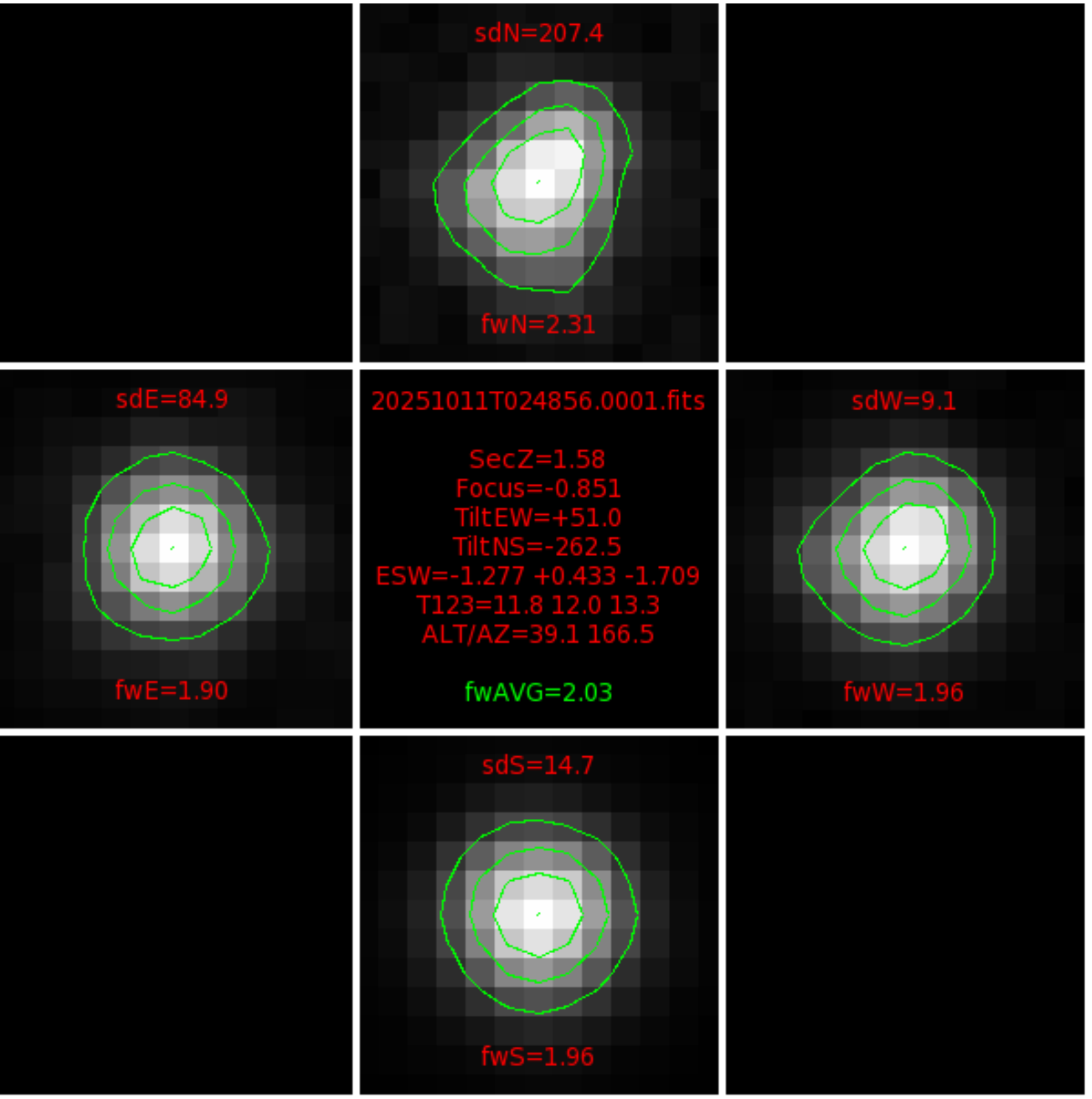
sdN=207.4
fwN=2.31
sdE=84.9
fwE=1.90
20251011T024856.0001.fits
SecZ=1.58
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.8 12.0 13.3
ALT/AZ=39.1 166.5
fwAVG=2.03
sdW=9.1
fwW=1.96
sdS=14.7
fwS=1.96
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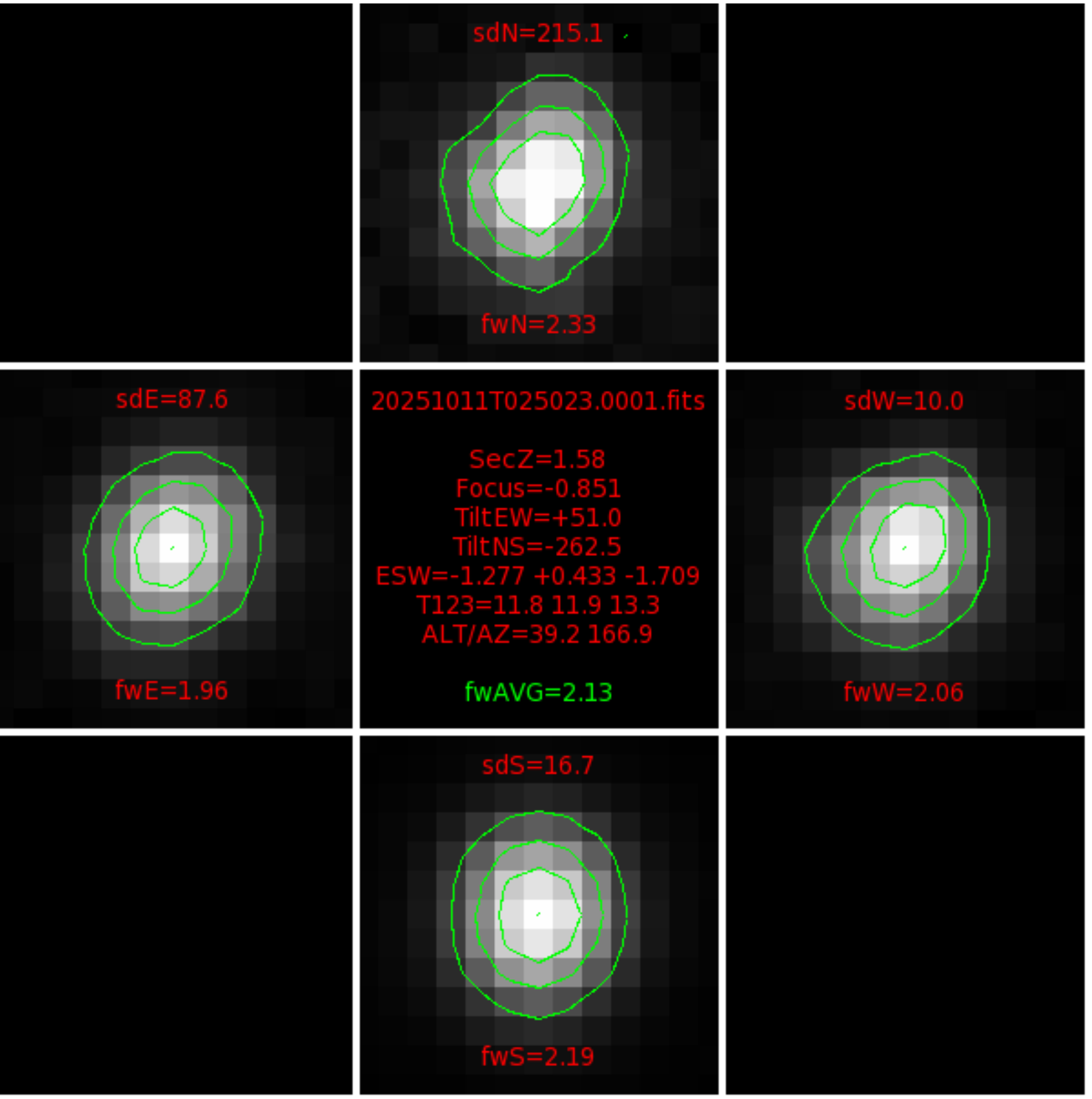
sdN=215.1
fwN=2.33
sdE=87.6
fwE=1.96
20251011T025023.0001.fits
SecZ=1.58
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.8 11.9 13.3
ALT/AZ=39.2 166.9
fwAVG=2.13
sdW=10.0
fwW=2.06
sdS=16.7
fwS=2.19
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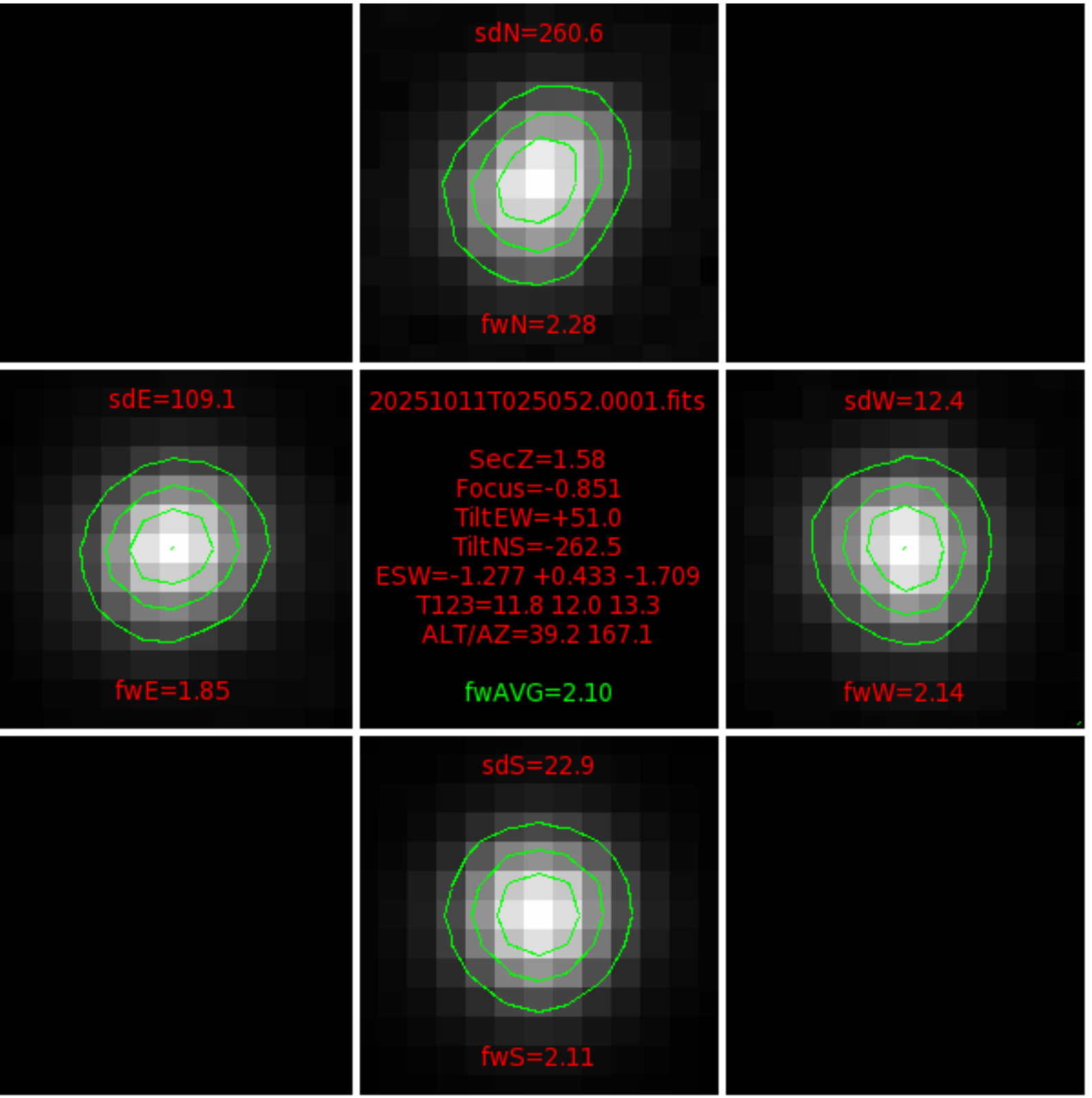
sdN=260.6
fwN=2.28
sdE=109.1
fwE=1.85
20251011T025052.0001.fits
SecZ=1.58
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.8 12.0 13.3
ALT/AZ=39.2 167.1
fwAVG=2.10
sdW=12.4
fwW=2.14
sdS=22.9
fwS=2.11
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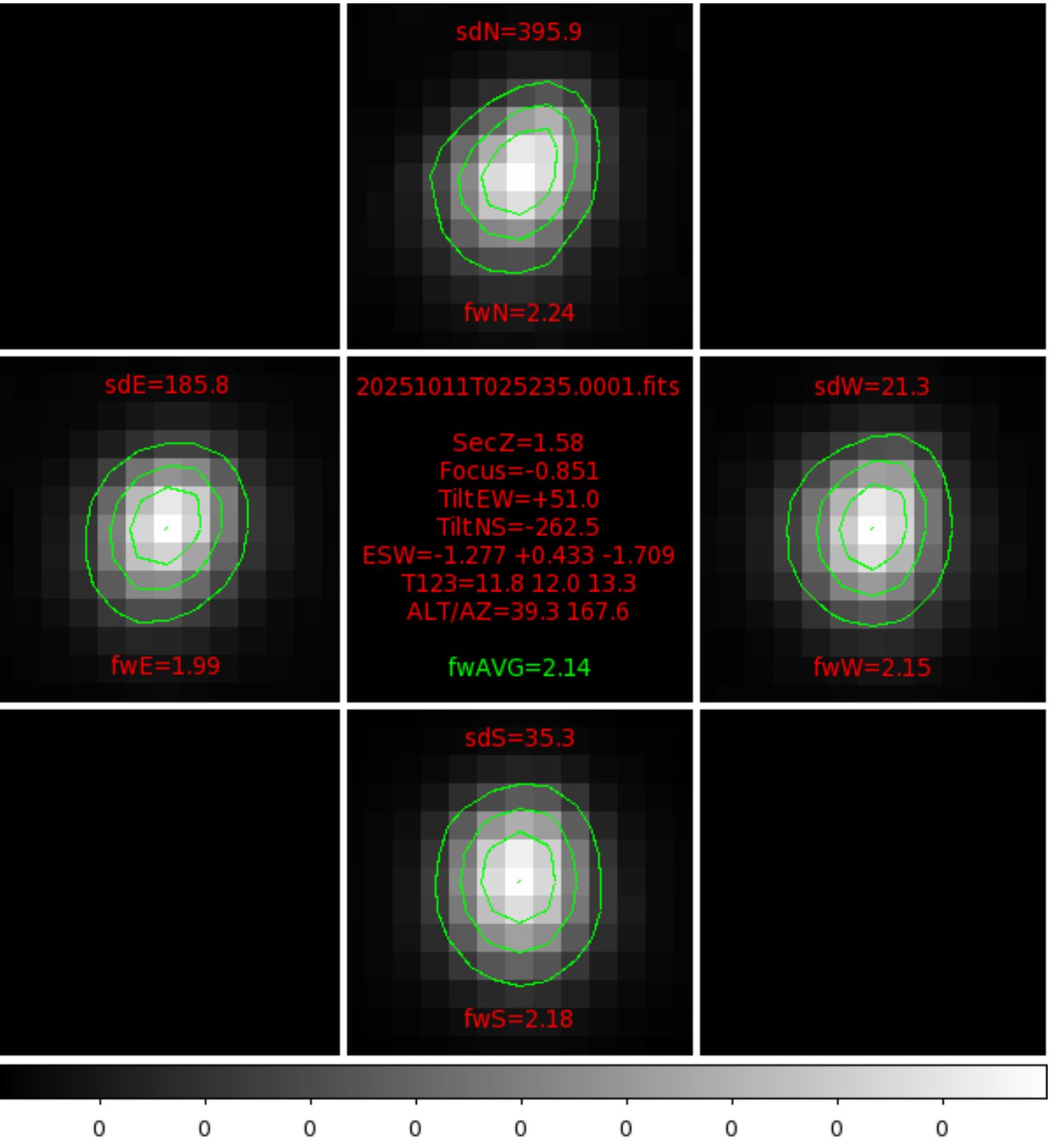
sdN=395.9
fwN=2.24
sdE=185.8
fwE=1.99
20251011T025235.0001.fits
SecZ=1.58
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.8 12.0 13.3
ALT/AZ=39.3 167.6
fwAVG=2.14
sdW=21.3
fwW=2.15
sdS=35.3
fwS=2.18
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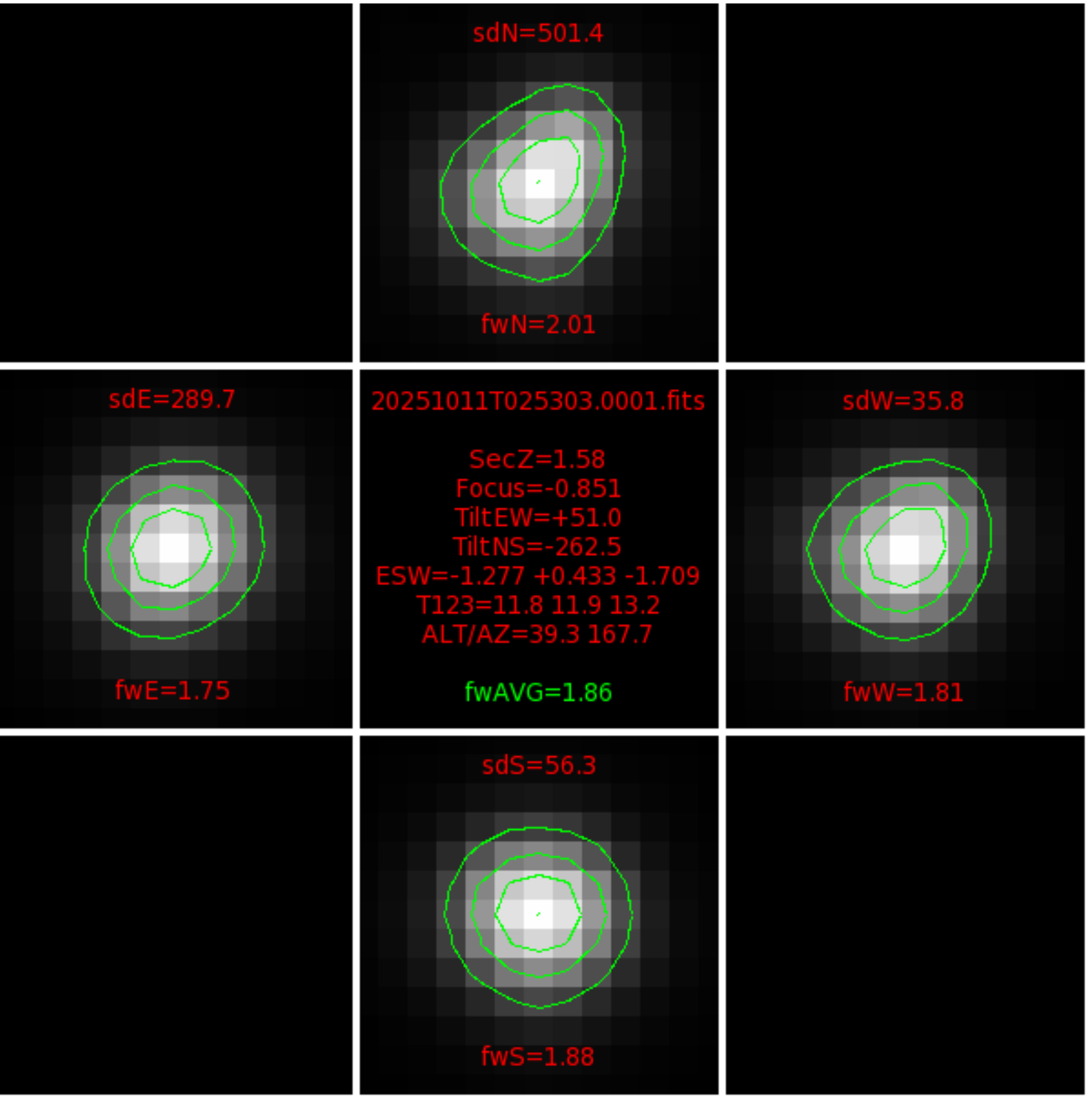
sdN=501.4
fwN=2.01
sdE=289.7
fwE=1.75
20251011T025303.0001.fits
SecZ=1.58
Focus=-0.851
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.277 +0.433 -1.709
T123=11.8 11.9 13.2
ALT/AZ=39.3 167.7
fwAVG=1.86
sdW=35.8
fwW=1.81
sdS=56.3
fwS=1.88
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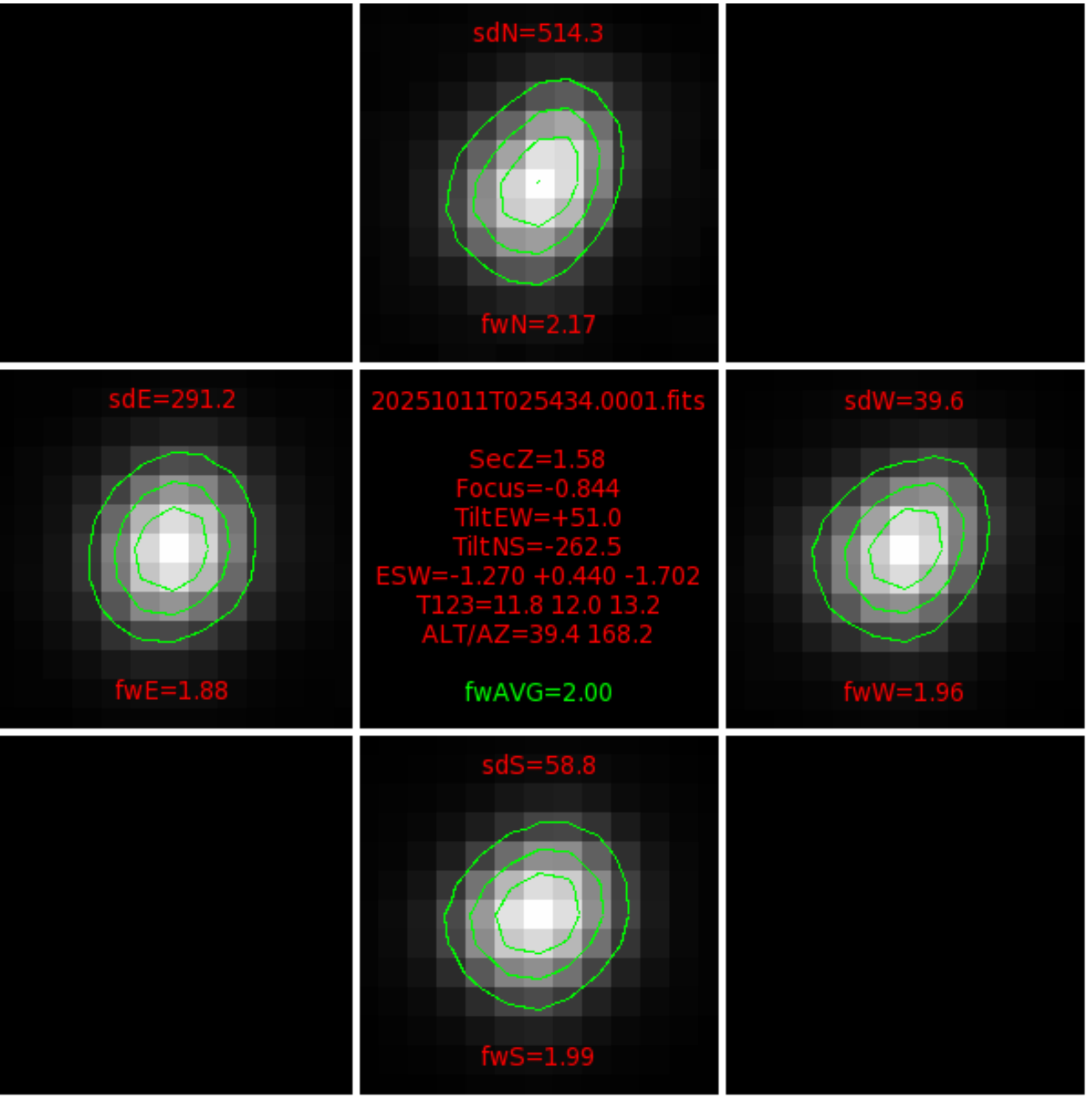
sdN=514.3
fwN=2.17
sdE=291.2
fwE=1.88
20251011T025434.0001.fits
SecZ=1.58
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=11.8 12.0 13.2
ALT/AZ=39.4 168.2
fwAVG=2.00
sdW=39.6
fwW=1.96
sdS=58.8
fwS=1.99
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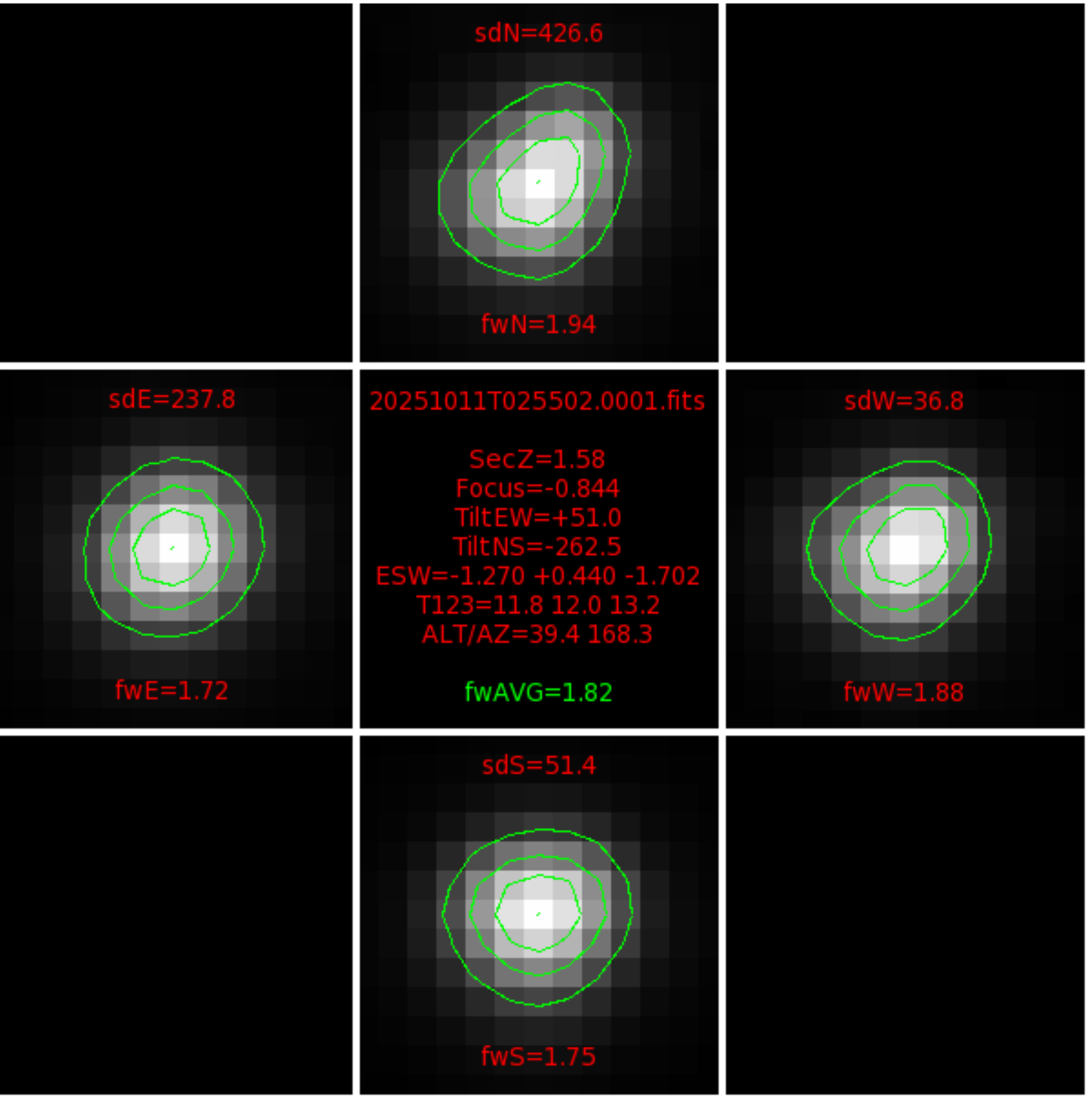
sdN=426.6
fwN=1.94
sdE=237.8
fwE=1.72
20251011T025502.0001.fits
SecZ=1.58
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=11.8 12.0 13.2
ALT/AZ=39.4 168.3
fwAVG=1.82
sdW=36.8
fwW=1.88
sdS=51.4
fwS=1.75
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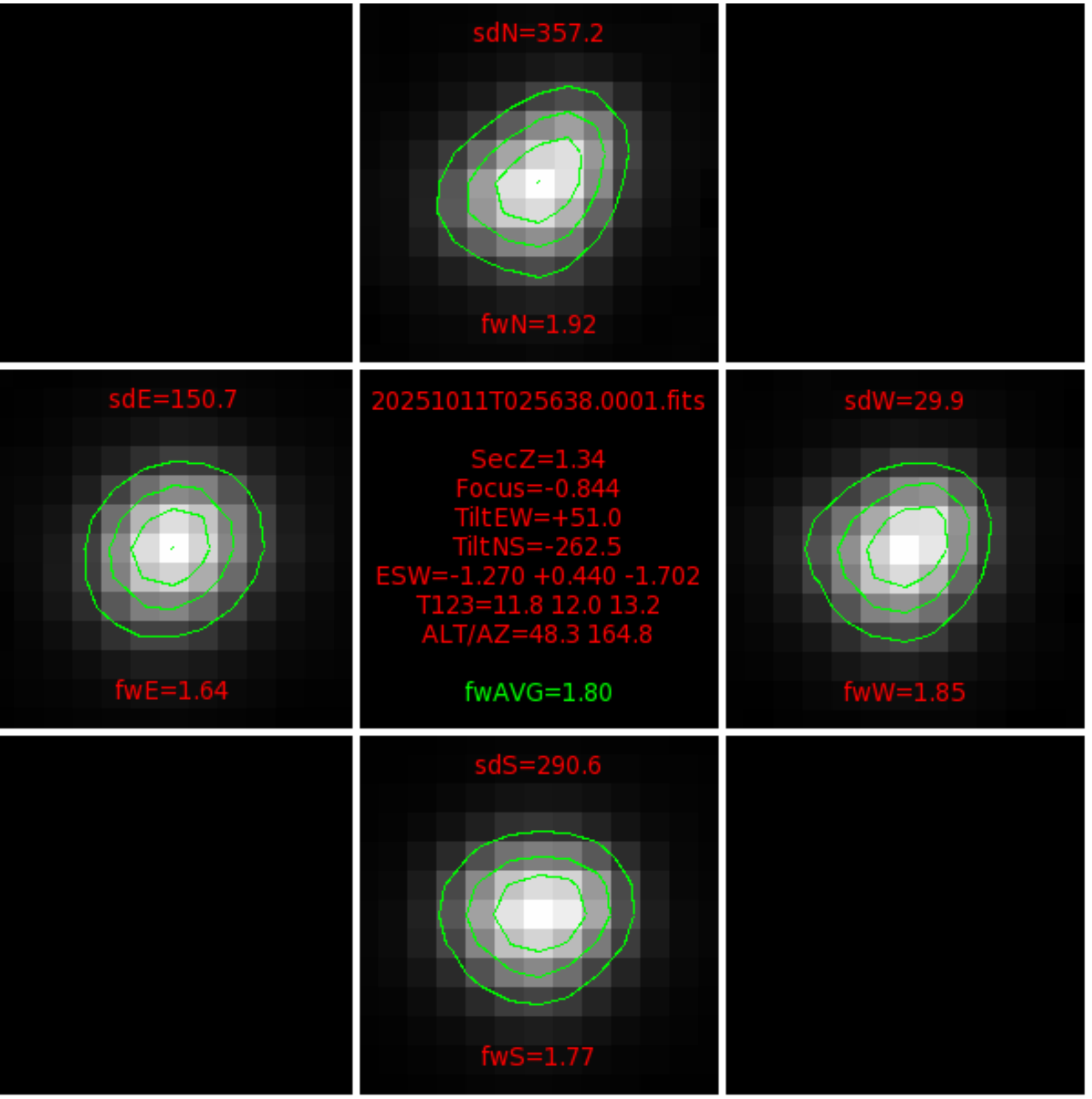
sdN=357.2
fwN=1.92
sdE=150.7
fwE=1.64
20251011T025638.0001.fits
SecZ=1.34
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=11.8 12.0 13.2
ALT/AZ=48.3 164.8
fwAVG=1.80
sdW=29.9
fwW=1.85
sdS=290.6
fwS=1.77
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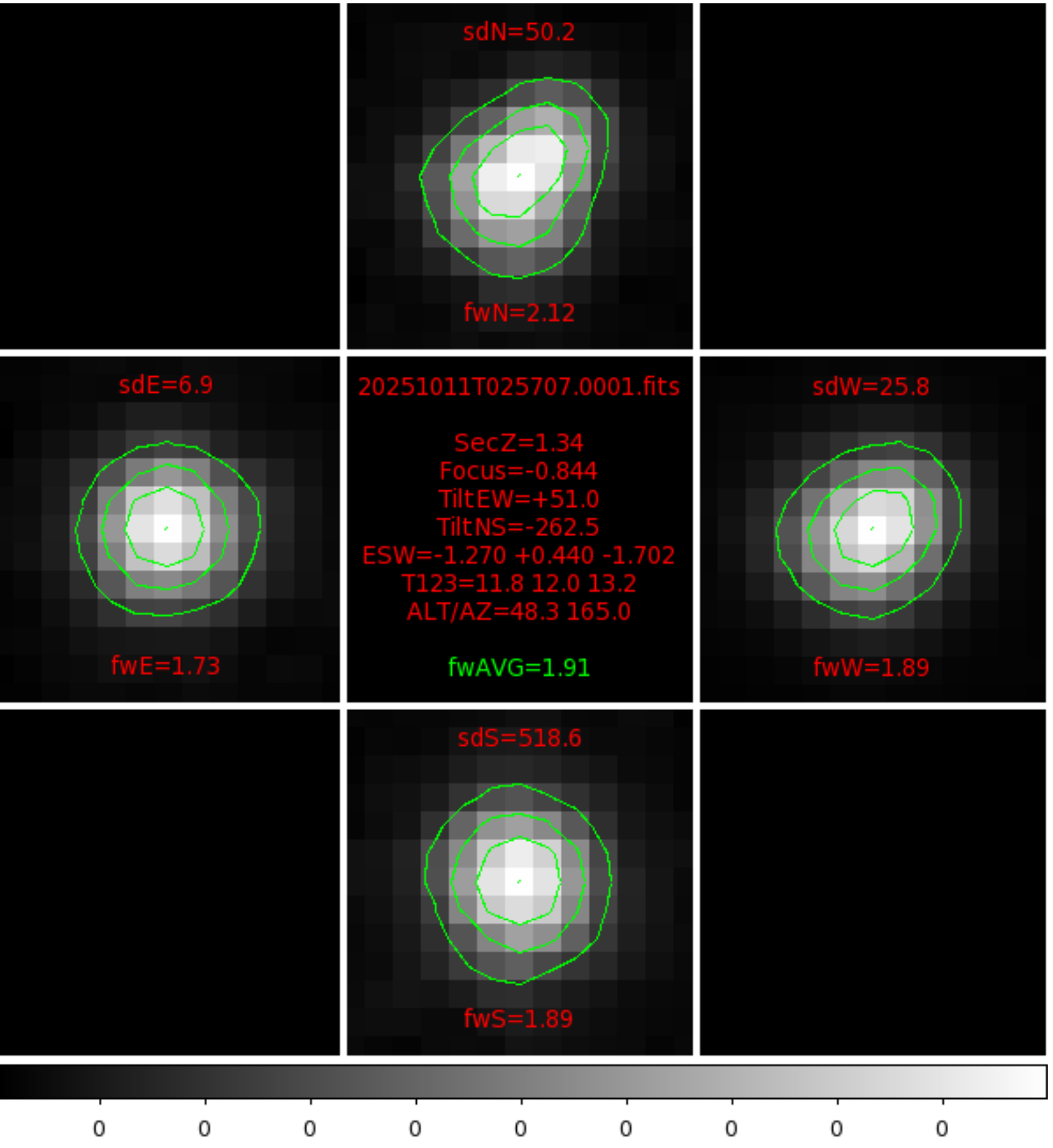
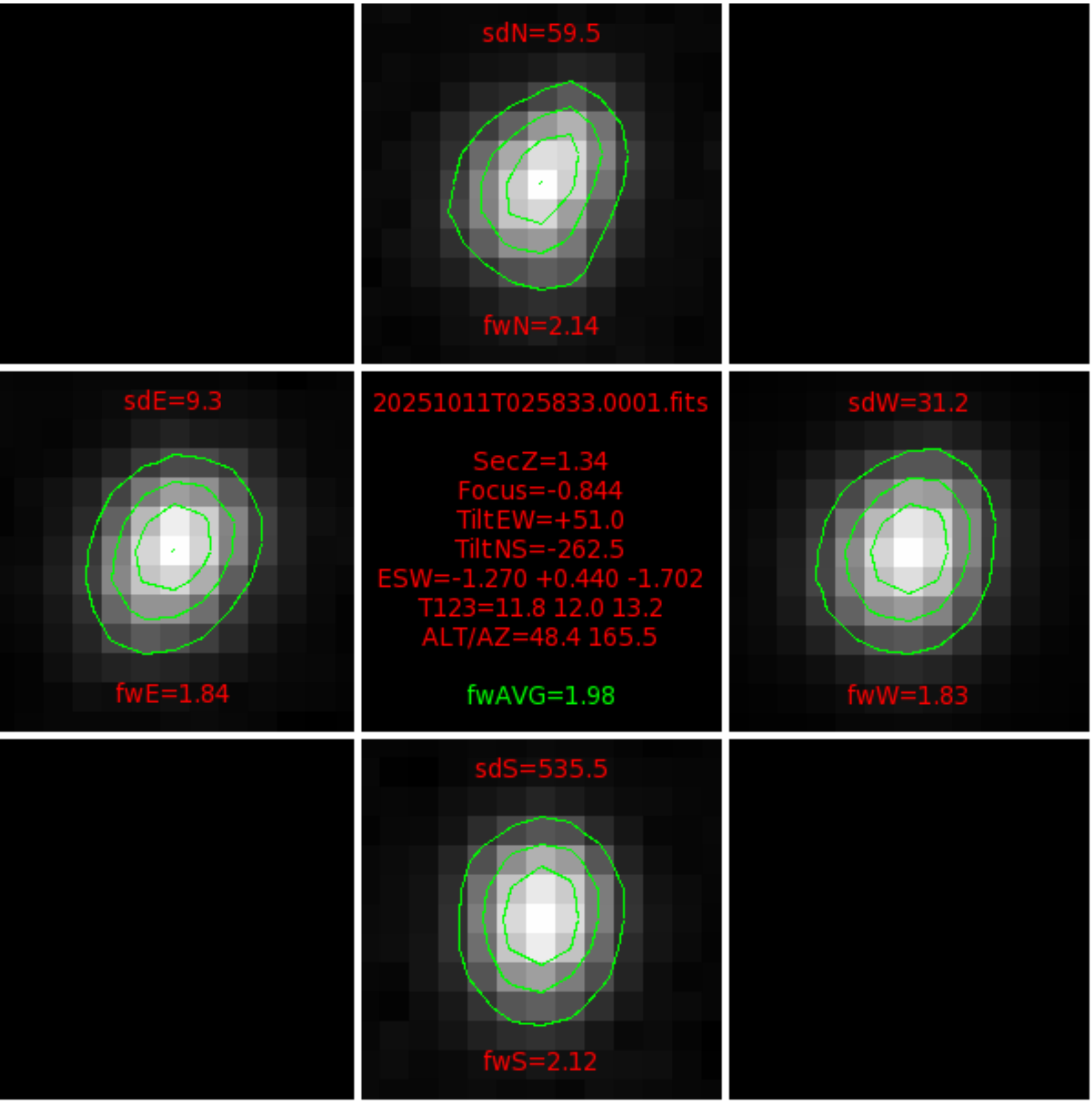

sdN=50.2
fwN=2.12
sdE=6.9
fwE=1.73
20251011T025707.0001.fits
SecZ=1.34
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=11.8 12.0 13.2
ALT/AZ=48.3 165.0
fwAVG=1.91
sdW=25.8
fwW=1.89
sdS=518.6
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=59.5
fwN=2.14
sdE=9.3
fwE=1.84
20251011T025833.0001.fits
SecZ=1.34
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=11.8 12.0 13.2
ALT/AZ=48.4 165.5
fwAVG=1.98
sdW=31.2
fwW=1.83
sdS=535.5
fwS=2.12
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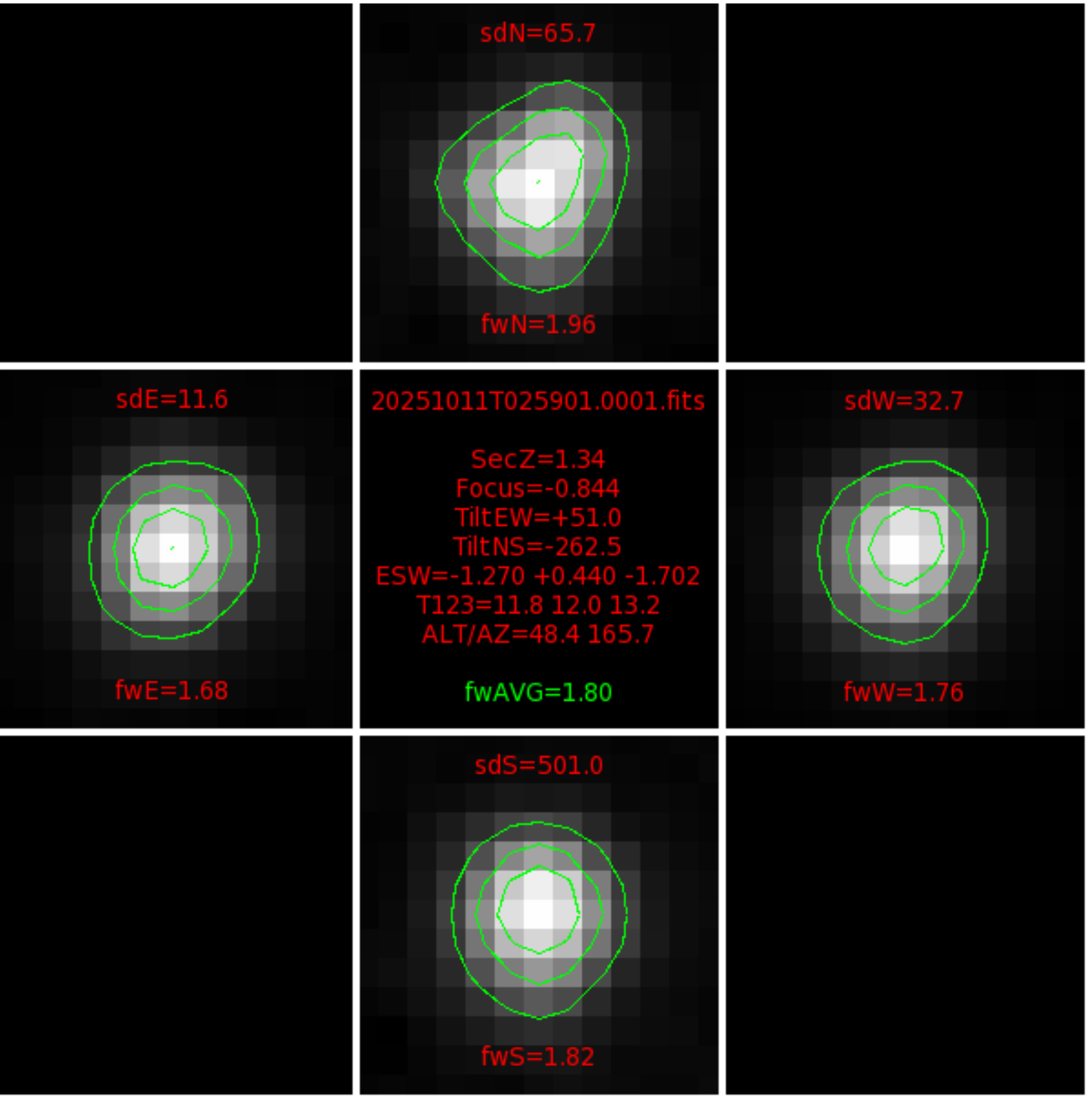
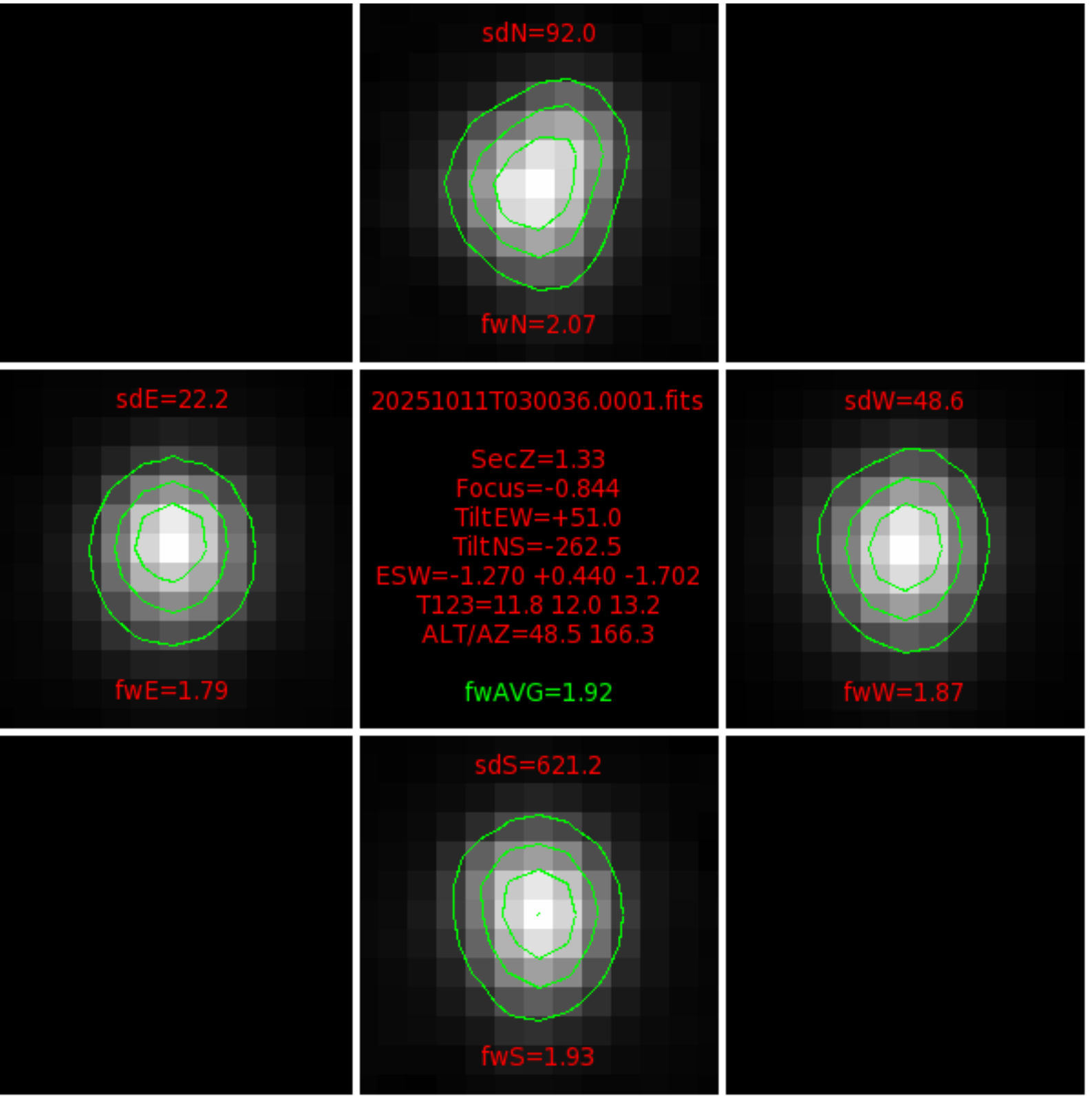

sdN=65.7
fwN=1.96
sdE=11.6
fwE=1.68
20251011T025901.0001.fits
SecZ=1.34
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=11.8 12.0 13.2
ALT/AZ=48.4 165.7
fwAVG=1.80
sdW=32.7
fwW=1.76
sdS=501.0
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=92.0
fwN=2.07
sdE=22.2
fwE=1.79
20251011T030036.0001.fits
SecZ=1.33
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=11.8 12.0 13.2
ALT/AZ=48.5 166.3
fwAVG=1.92
sdW=48.6
fwW=1.87
sdS=621.2
fwS=1.93
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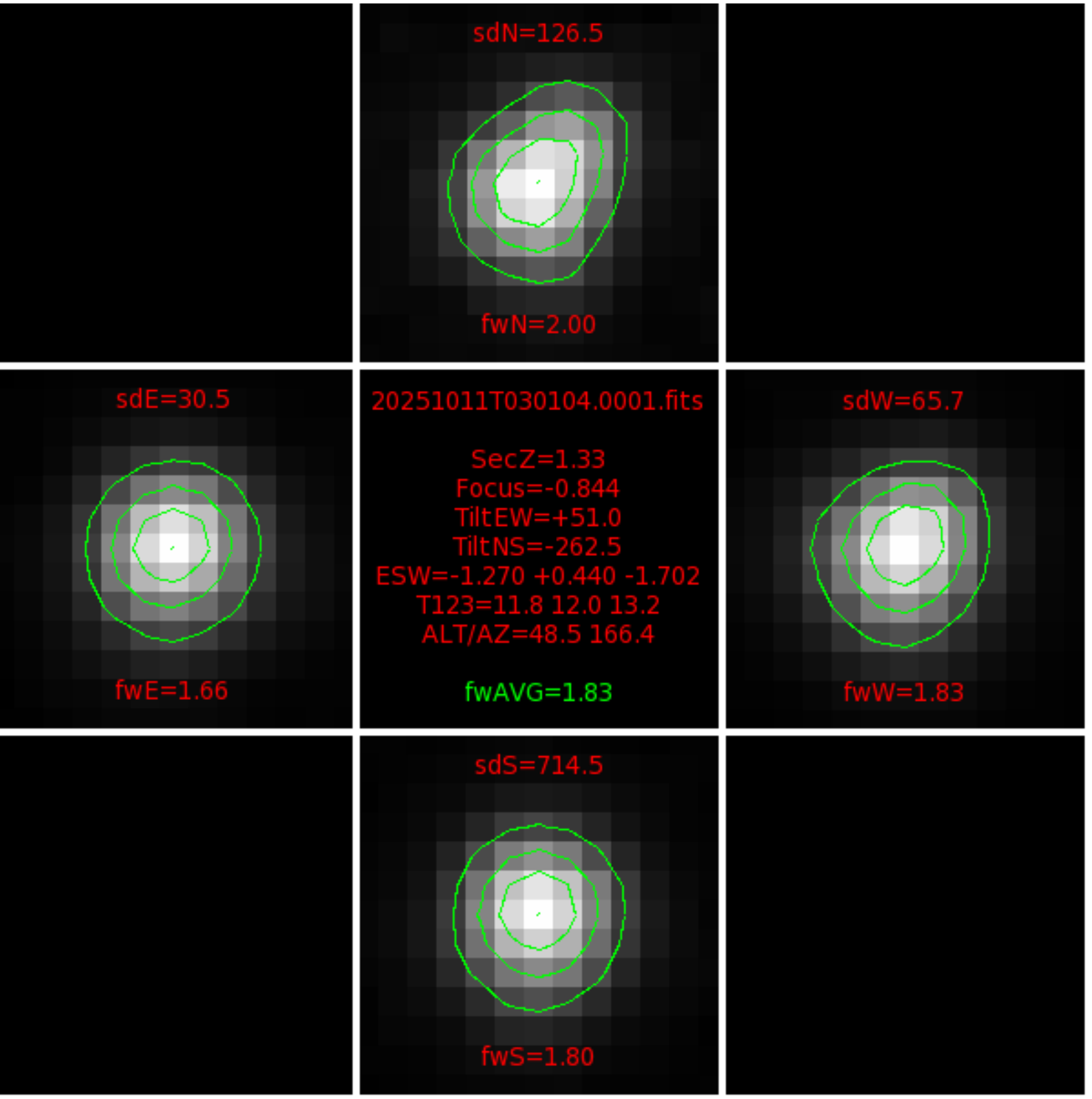
sdN=126.5
fwN=2.00
sdE=30.5
fwE=1.66
20251011T030104.0001.fits
SecZ=1.33
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=11.8 12.0 13.2
ALT/AZ=48.5 166.4
fwAVG=1.83
sdW=65.7
fwW=1.83
sdS=714.5
fwS=1.80
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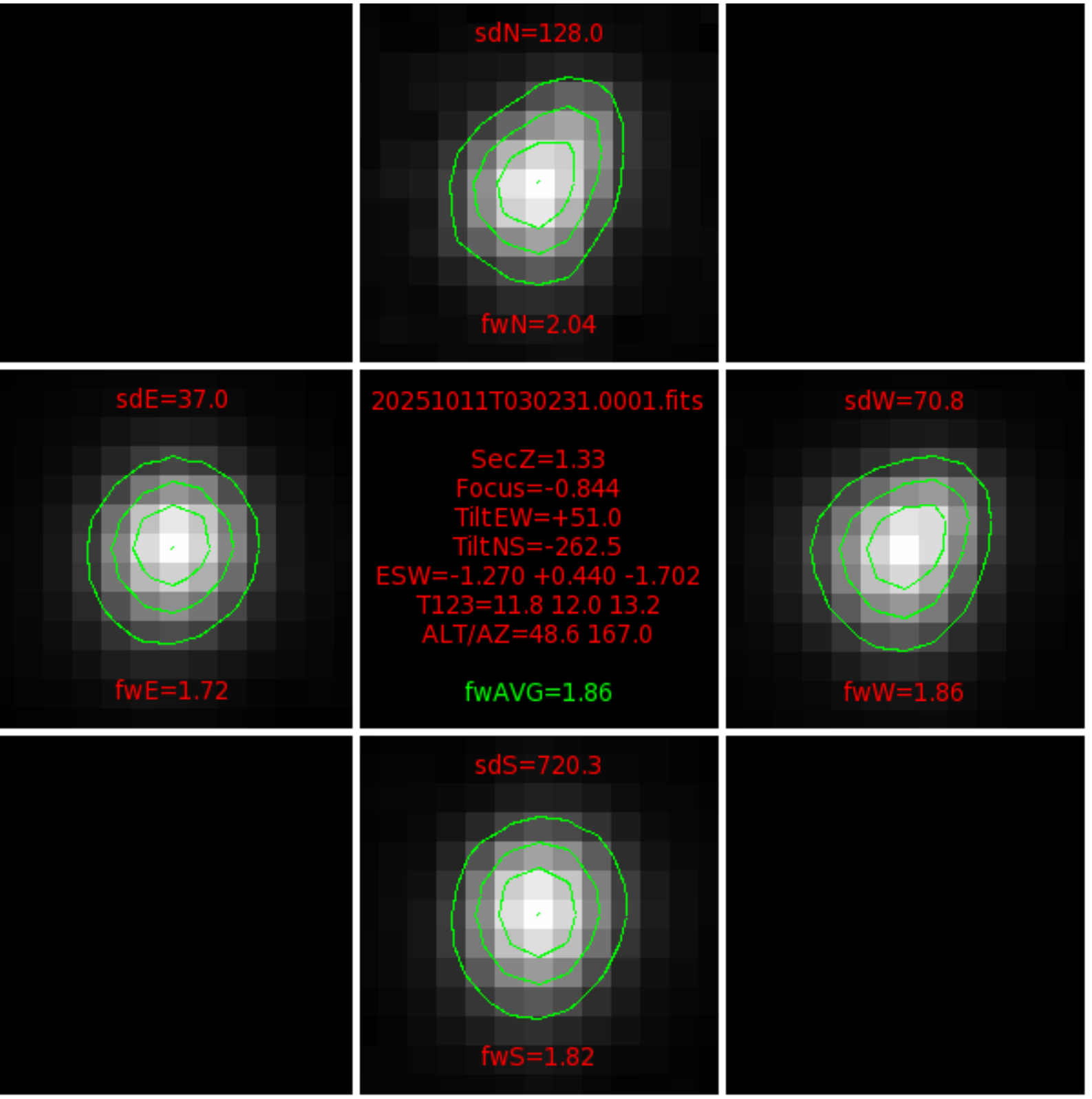
sdN=128.0
fwN=2.04
sdE=37.0
fwE=1.72
20251011T030231.0001.fits
SecZ=1.33
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=11.8 12.0 13.2
ALT/AZ=48.6 167.0
fwAVG=1.86
sdW=70.8
fwW=1.86
sdS=720.3
fwS=1.82
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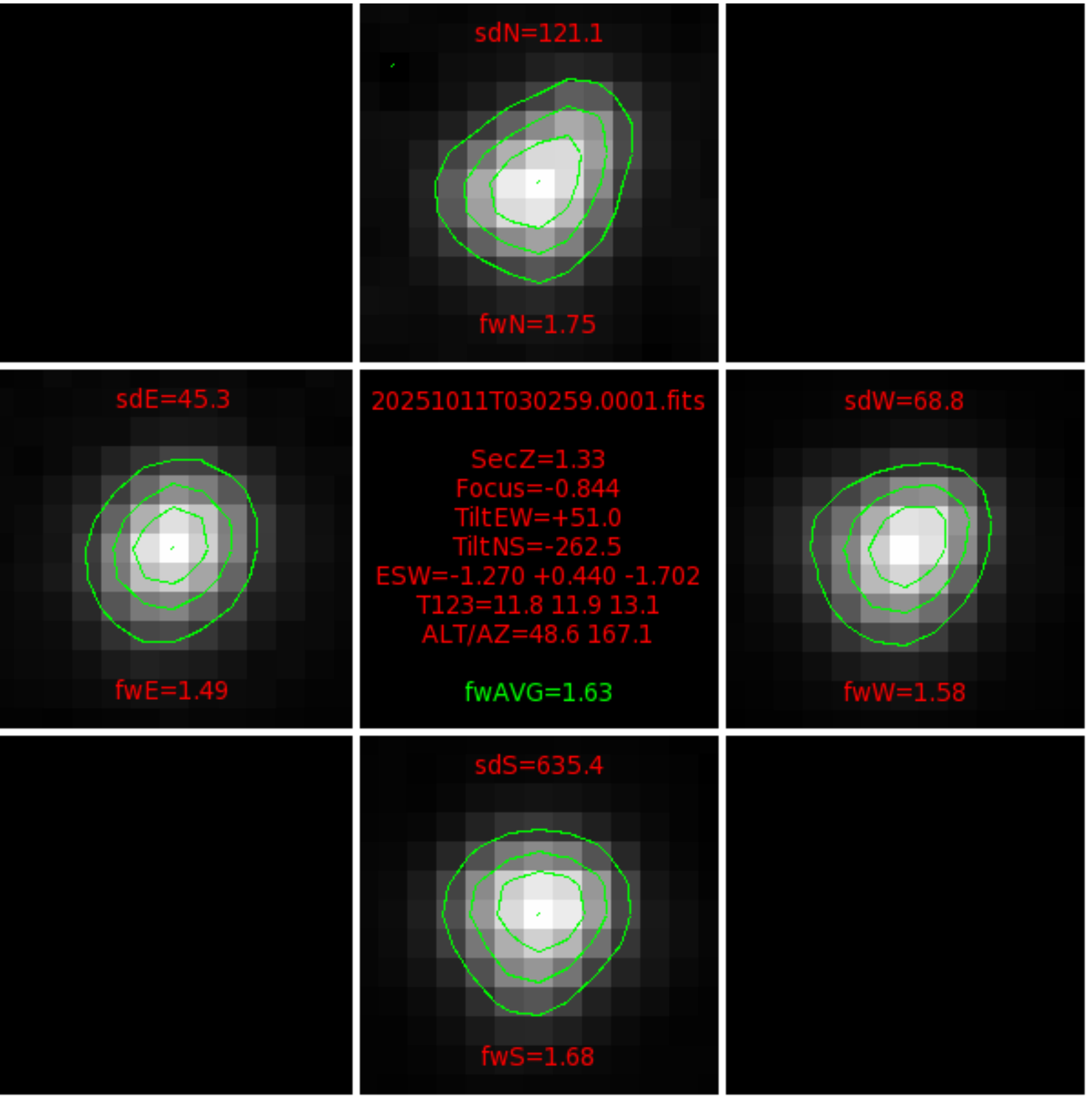
sdN=121.1
fwN=1.75
sdE=45.3
fwE=1.49
20251011T030259.0001.fits
SecZ=1.33
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=11.8 11.9 13.1
ALT/AZ=48.6 167.1
fwAVG=1.63
sdW=68.8
fwW=1.58
sdS=635.4
fwS=1.68
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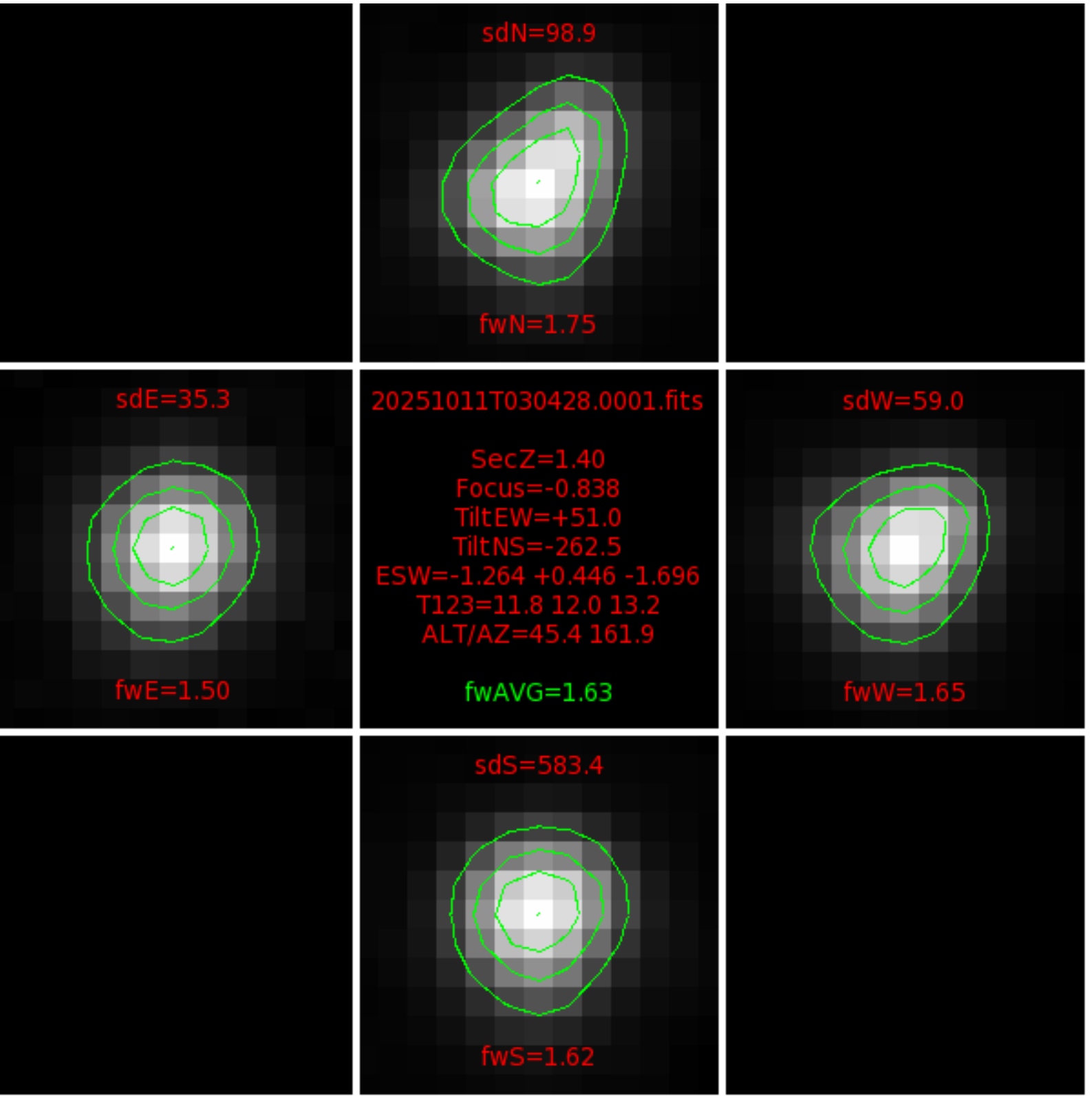
sdN=98.9
fwN=1.75
sdE=35.3
fwE=1.50
20251011T030428.0001.fits
SecZ=1.40
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.8 12.0 13.2
ALT/AZ=45.4 161.9
fwAVG=1.63
sdW=59.0
fwW=1.65
sdS=583.4
fwS=1.62
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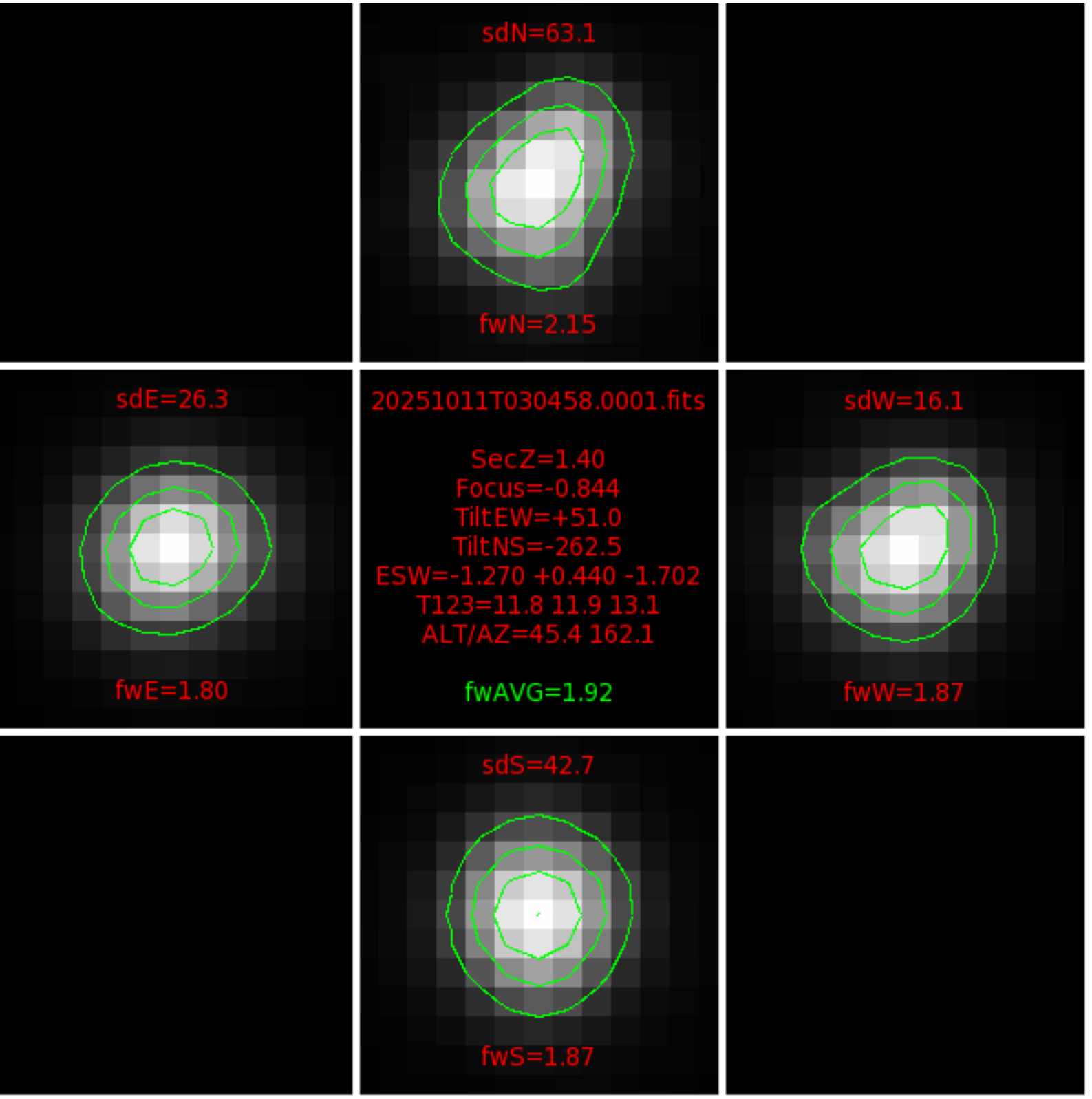
sdN=63.1
fwN=2.15
sdE=26.3
fwE=1.80
20251011T030458.0001.fits
SecZ=1.40
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=11.8 11.9 13.1
ALT/AZ=45.4 162.1
fwAVG=1.92
sdW=16.1
fwW=1.87
sdS=42.7
fwS=1.87
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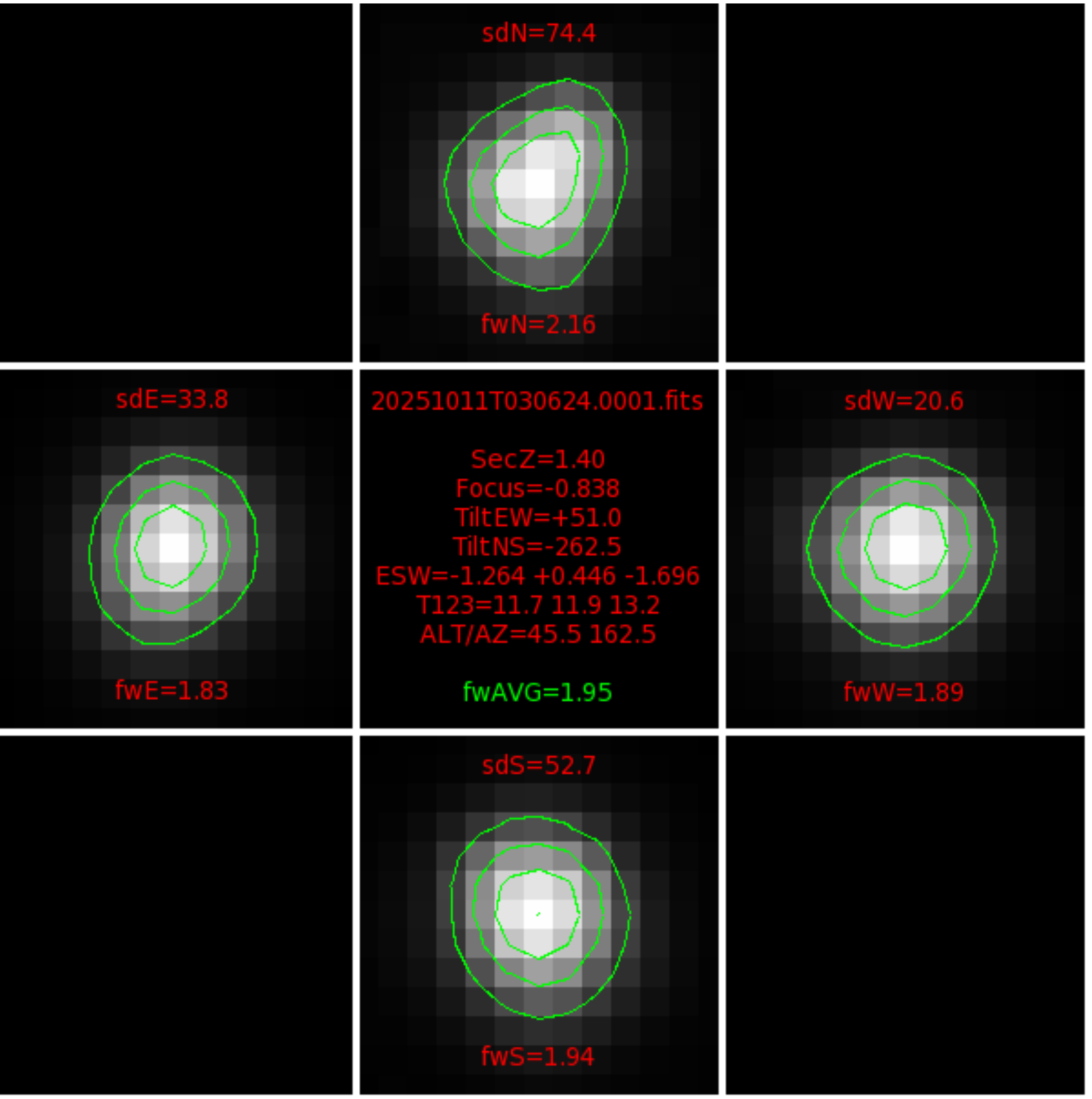
sdN=74.4
fwN=2.16
sdE=33.8
fwE=1.83
20251011T030624.0001.fits
SecZ=1.40
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.7 11.9 13.2
ALT/AZ=45.5 162.5
fwAVG=1.95
sdW=20.6
fwW=1.89
sdS=52.7
fwS=1.94
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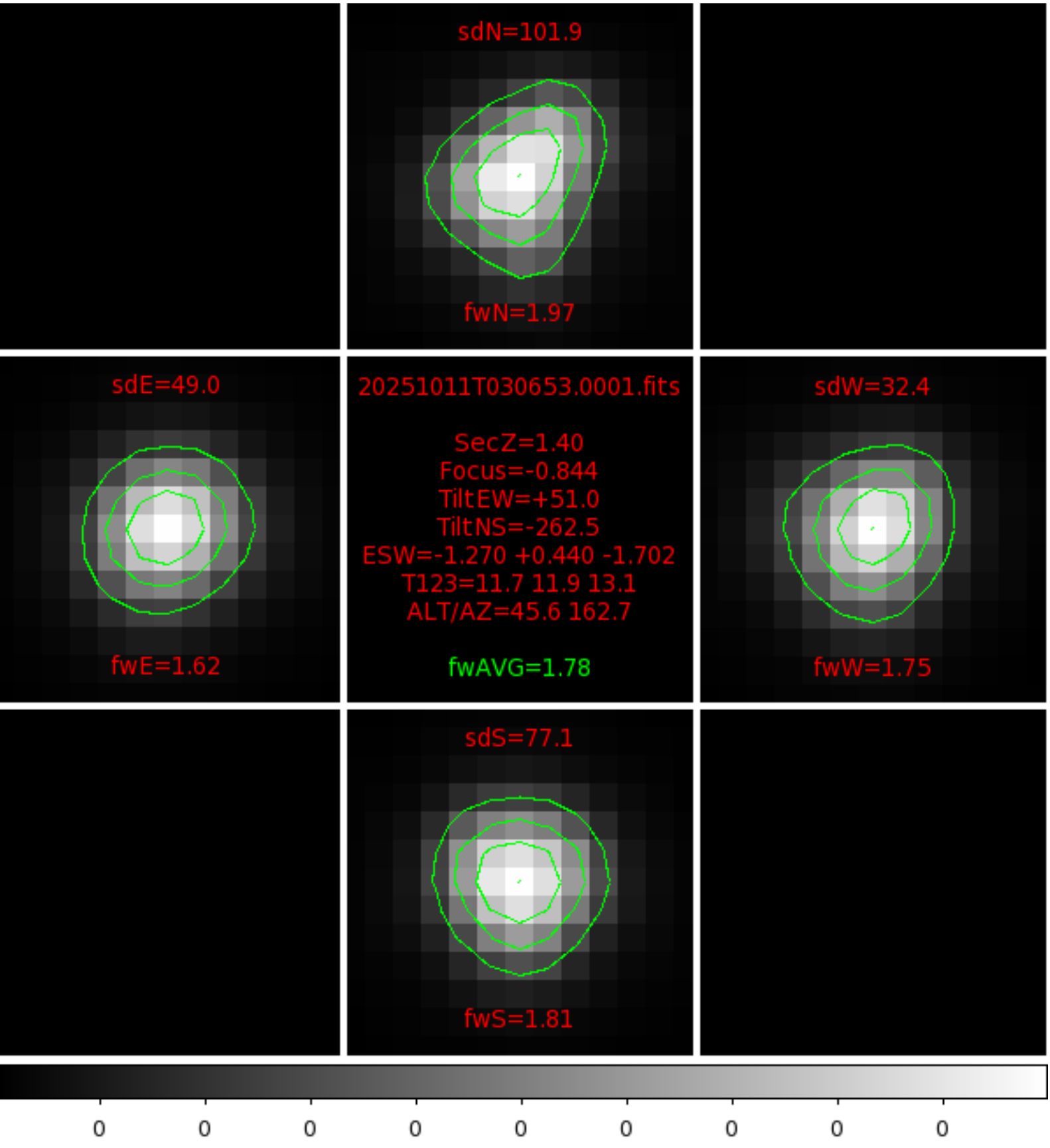
sdN=101.9
fwN=1.97
sdE=49.0
fwE=1.62
20251011T030653.0001.fits
SecZ=1.40
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=11.7 11.9 13.1
ALT/AZ=45.6 162.7
fwAVG=1.78
sdW=32.4
fwW=1.75
sdS=77.1
fwS=1.81
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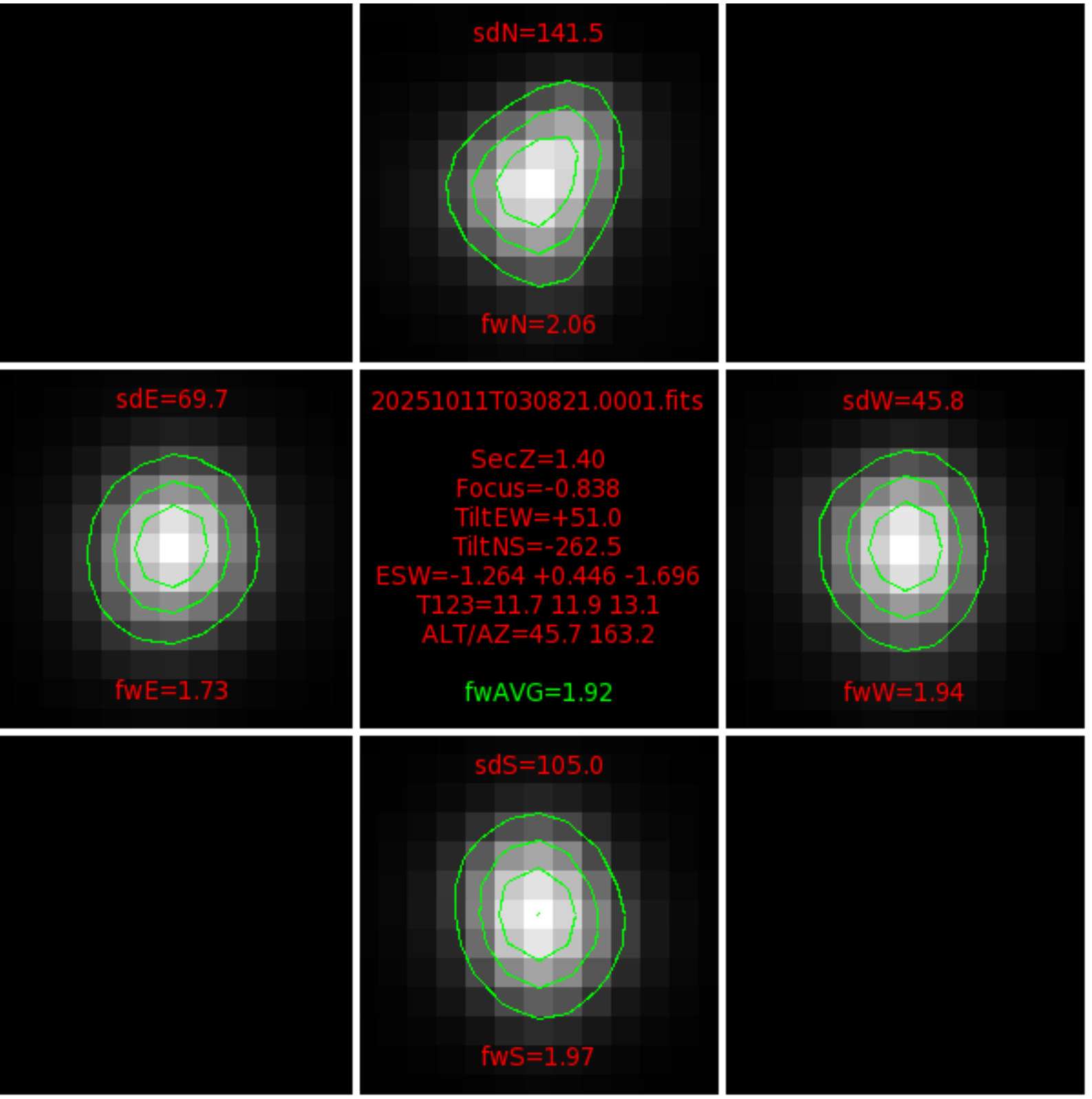
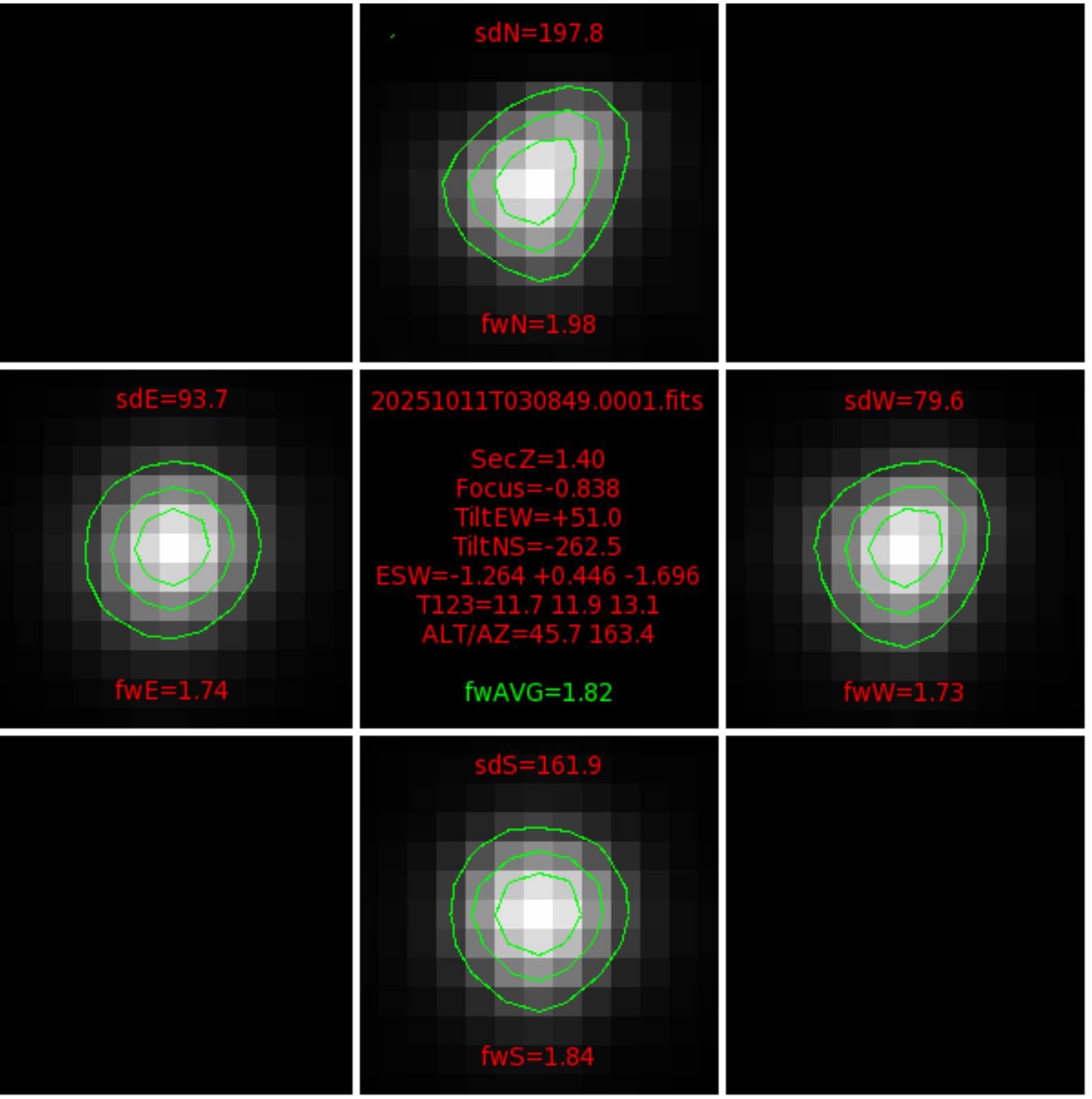

sdN=141.5
fwN=2.06
sdE=69.7
fwE=1.73
20251011T030821.0001.fits
SecZ=1.40
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.7 11.9 13.1
ALT/AZ=45.7 163.2
fwAVG=1.92
sdW=45.8
fwW=1.94
sdS=105.0
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=197.8
fwN=1.98
sdE=93.7
fwE=1.74
20251011T030849.0001.fits
SecZ=1.40
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.7 11.9 13.1
ALT/AZ=45.7 163.4
fwAVG=1.82
sdW=79.6
fwW=1.73
sdS=161.9
fwS=1.84
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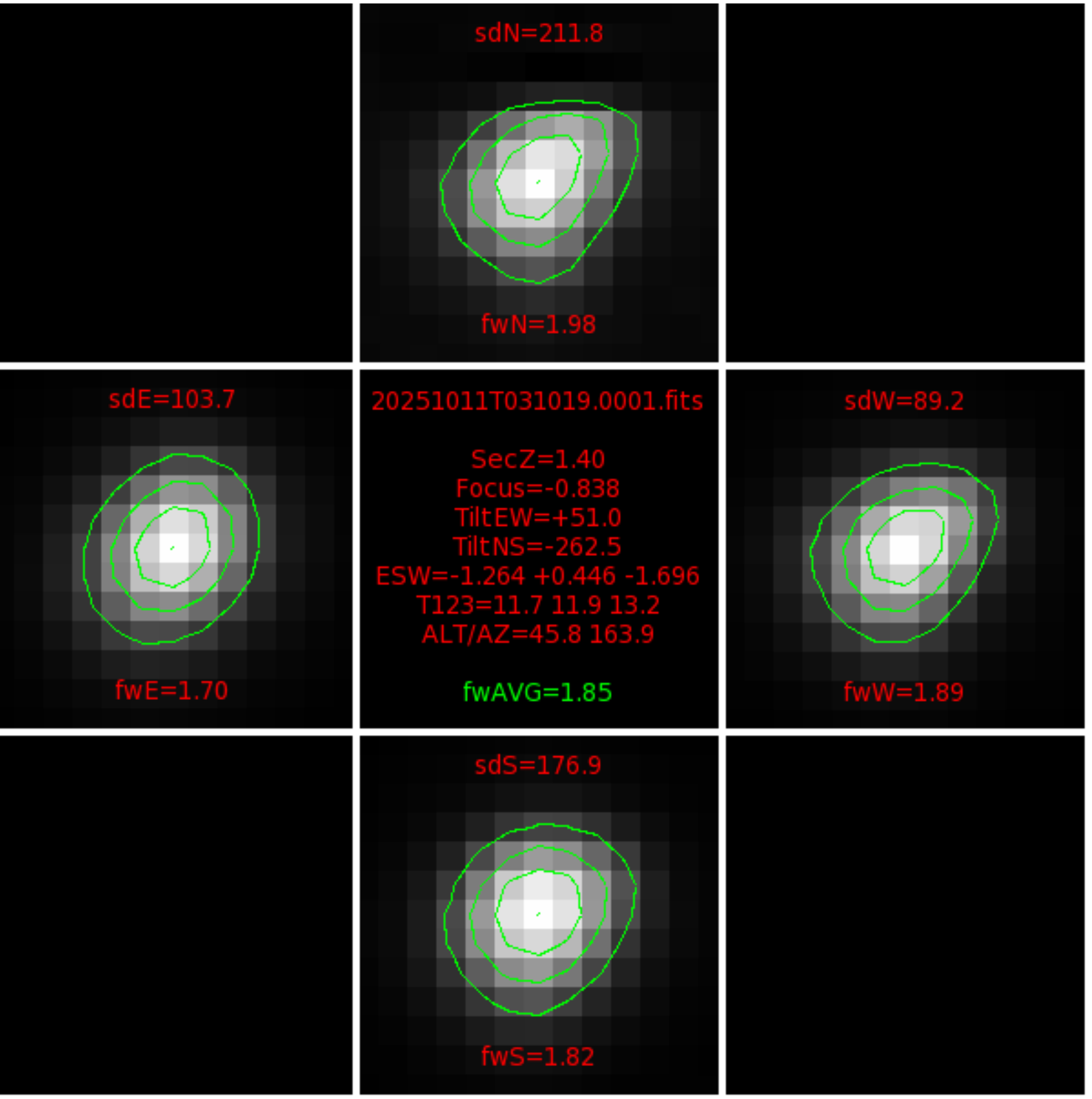
sdN=211.8
fwN=1.98
sdE=103.7
fwE=1.70
20251011T031019.0001.fits
SecZ=1.40
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.7 11.9 13.2
ALT/AZ=45.8 163.9
fwAVG=1.85
sdW=89.2
fwW=1.89
sdS=176.9
fwS=1.82
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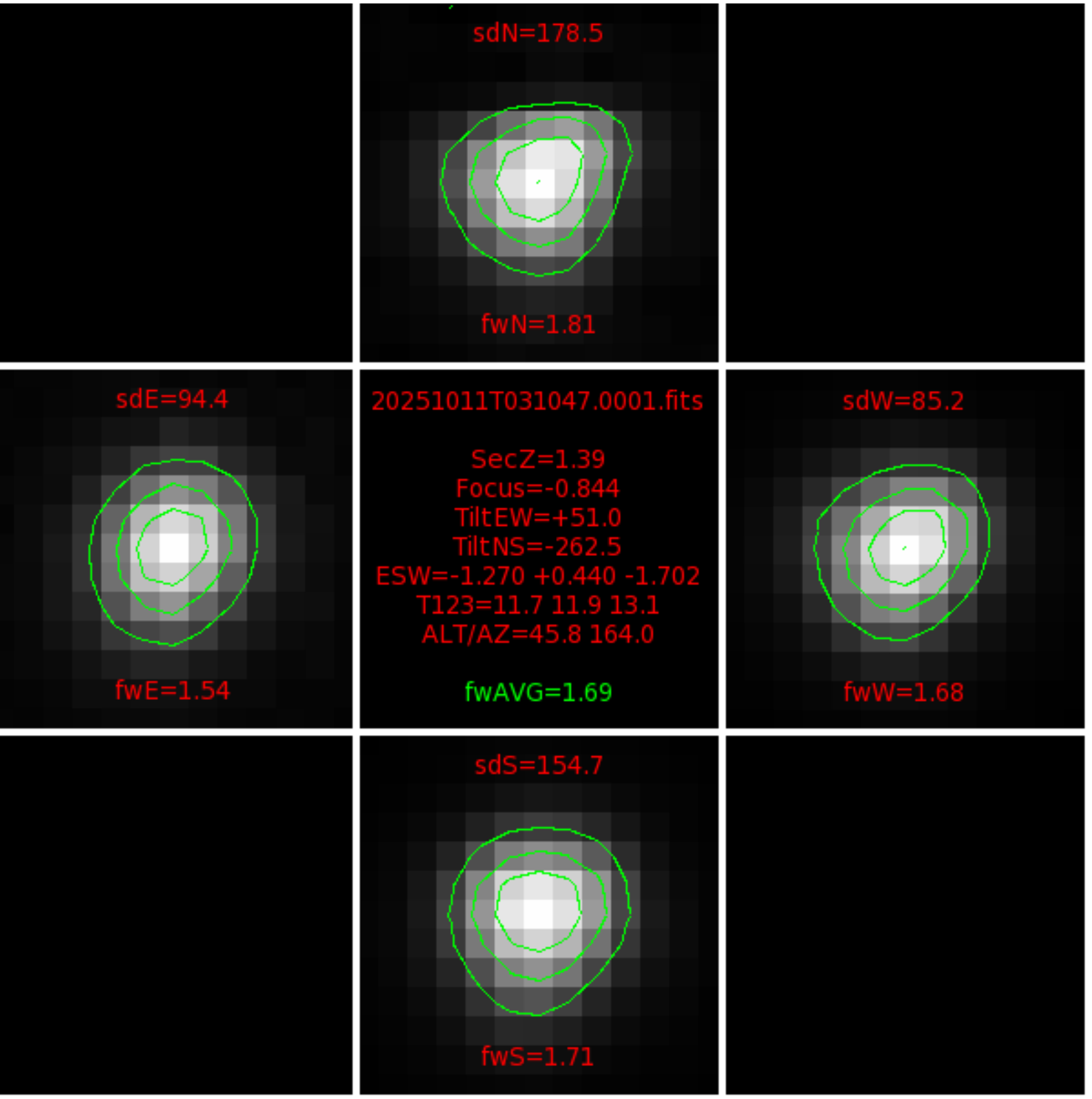
sdN=178.5
fwN=1.81
sdE=94.4
fwE=1.54
20251011T031047.0001.fits
SecZ=1.39
Focus=-0.844
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.270 +0.440 -1.702
T123=11.7 11.9 13.1
ALT/AZ=45.8 164.0
fwAVG=1.69
sdW=85.2
fwW=1.68
sdS=154.7
fwS=1.71
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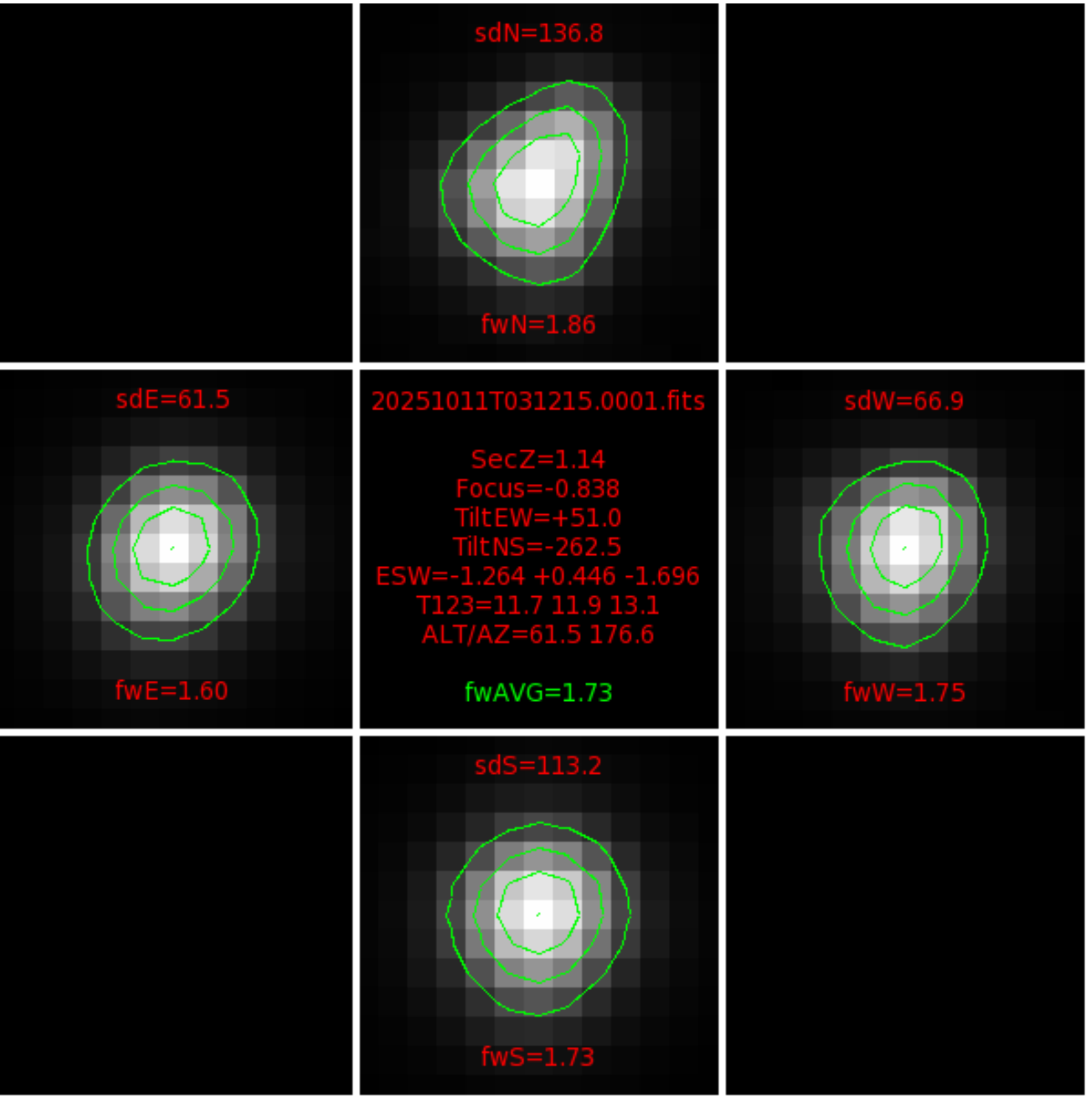
sdN=136.8
fwN=1.86
sdE=61.5
fwE=1.60
20251011T031215.0001.fits
SecZ=1.14
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.7 11.9 13.1
ALT/AZ=61.5 176.6
fwAVG=1.73
sdW=66.9
fwW=1.75
sdS=113.2
fwS=1.73
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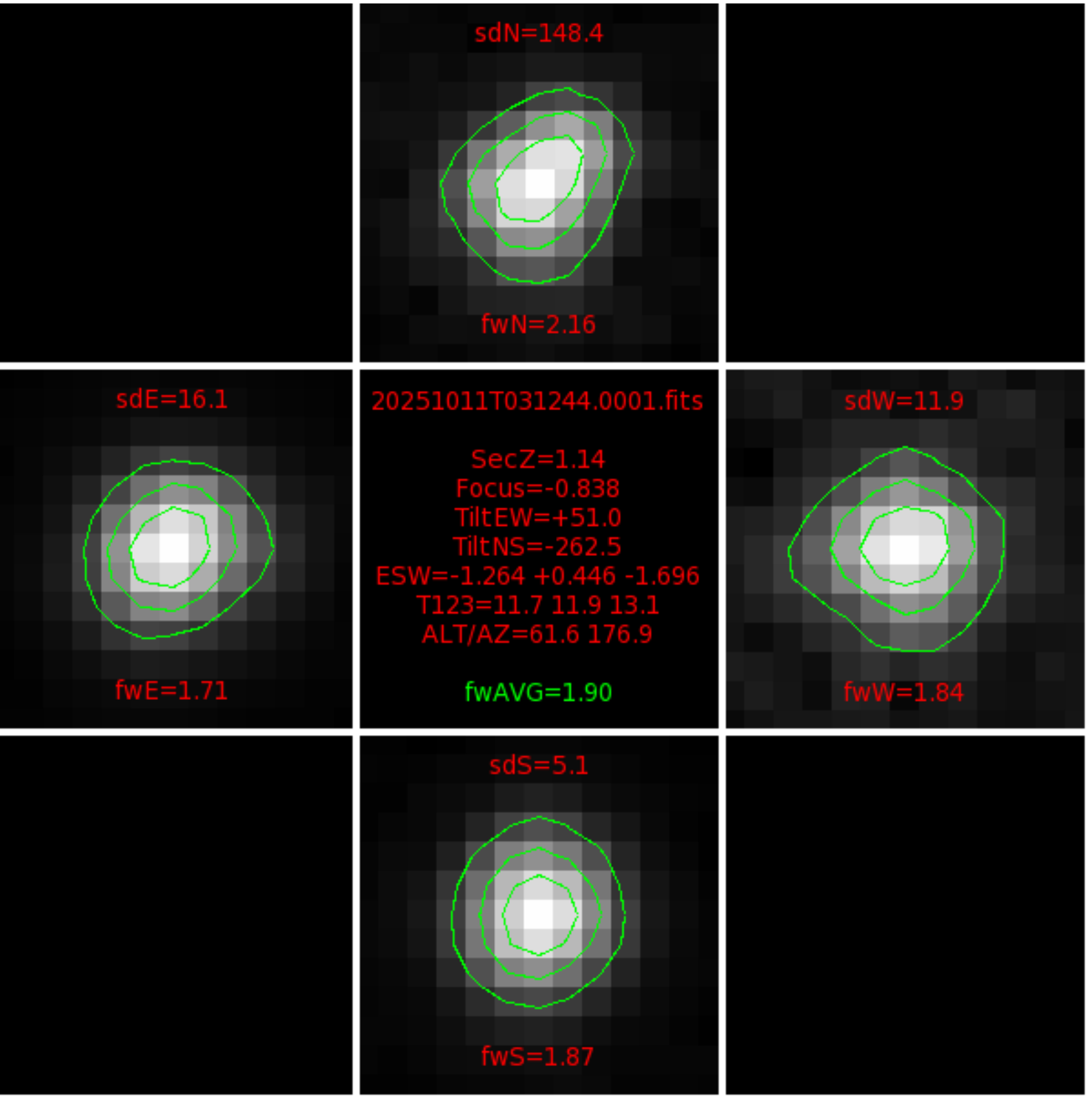
sdN=148.4
fwN=2.16
sdE=16.1
fwE=1.71
20251011T031244.0001.fits
SecZ=1.14
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.7 11.9 13.1
ALT/AZ=61.6 176.9
fwAVG=1.90
sdW=11.9
fwW=1.84
sdS=5.1
fwS=1.87
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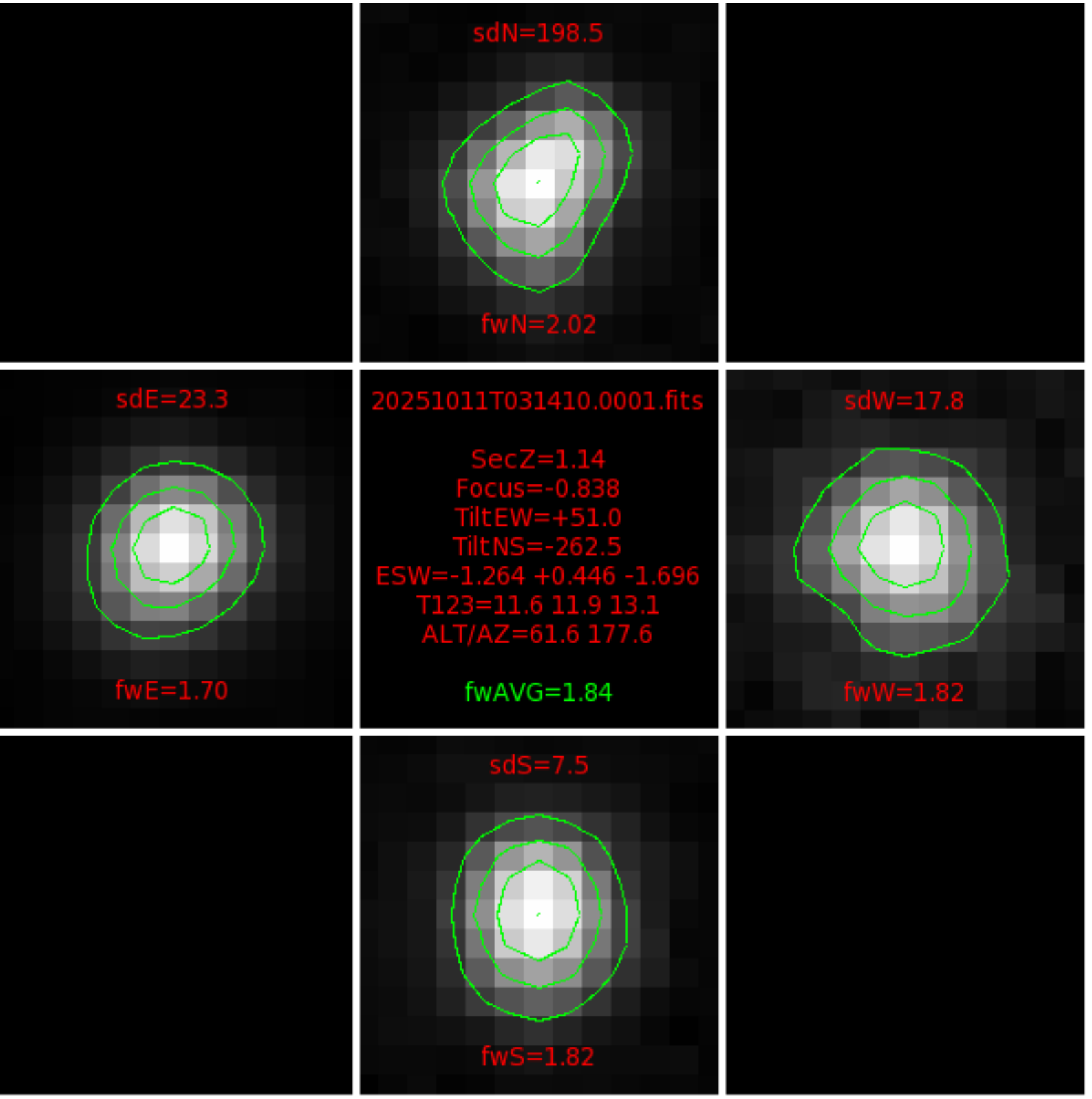
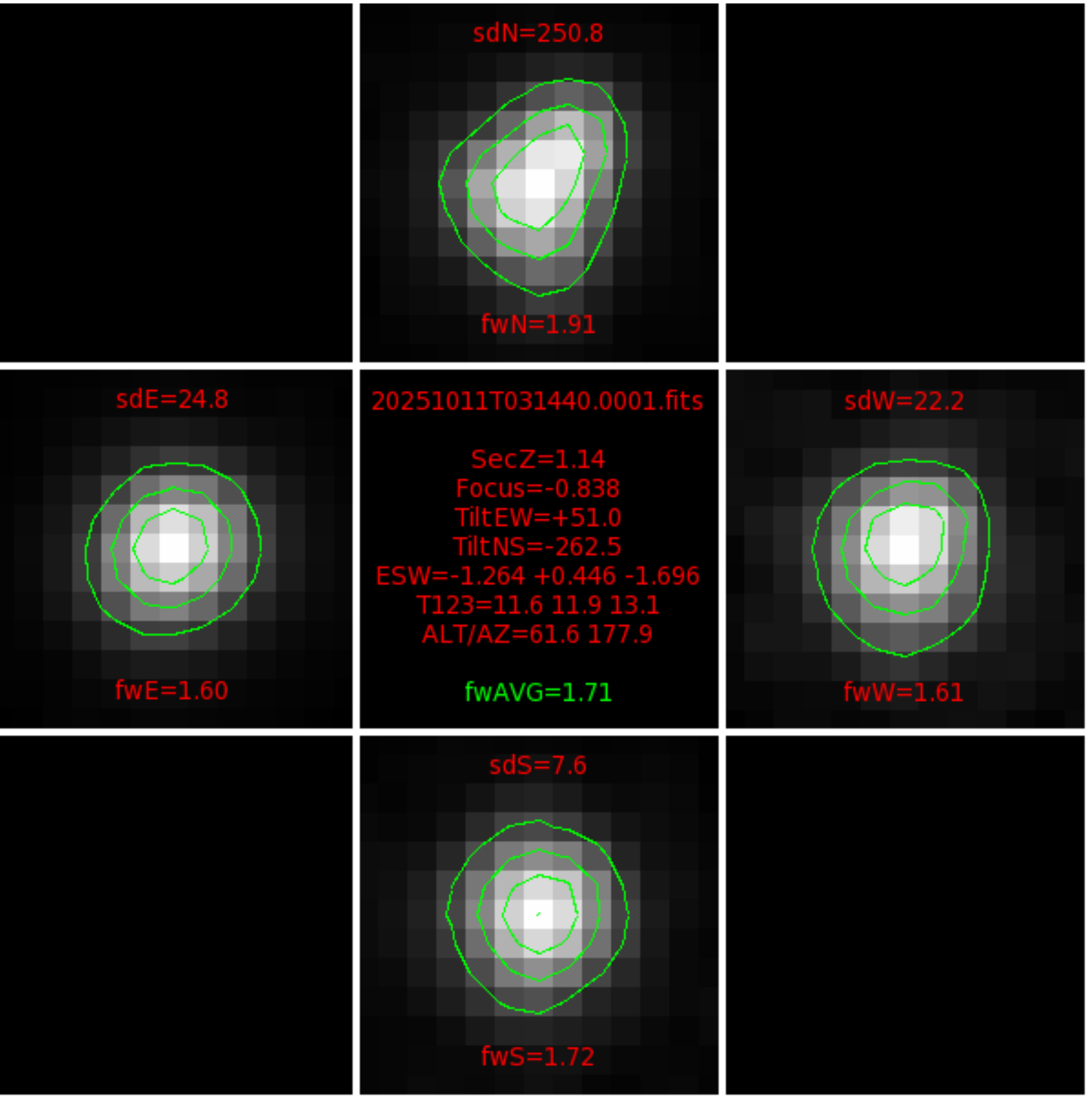

sdN=198.5
fwN=2.02
sdE=23.3
fwE=1.70
20251011T031410.0001.fits
SecZ=1.14
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.6 11.9 13.1
ALT/AZ=61.6 177.6
fwAVG=1.84
sdW=17.8
fwW=1.82
sdS=7.5
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=250.8
fwN=1.91
sdE=24.8
fwE=1.60
20251011T031440.0001.fits
SecZ=1.14
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.6 11.9 13.1
ALT/AZ=61.6 177.9
fwAVG=1.71
sdW=22.2
fwW=1.61
sdS=7.6
fwS=1.72
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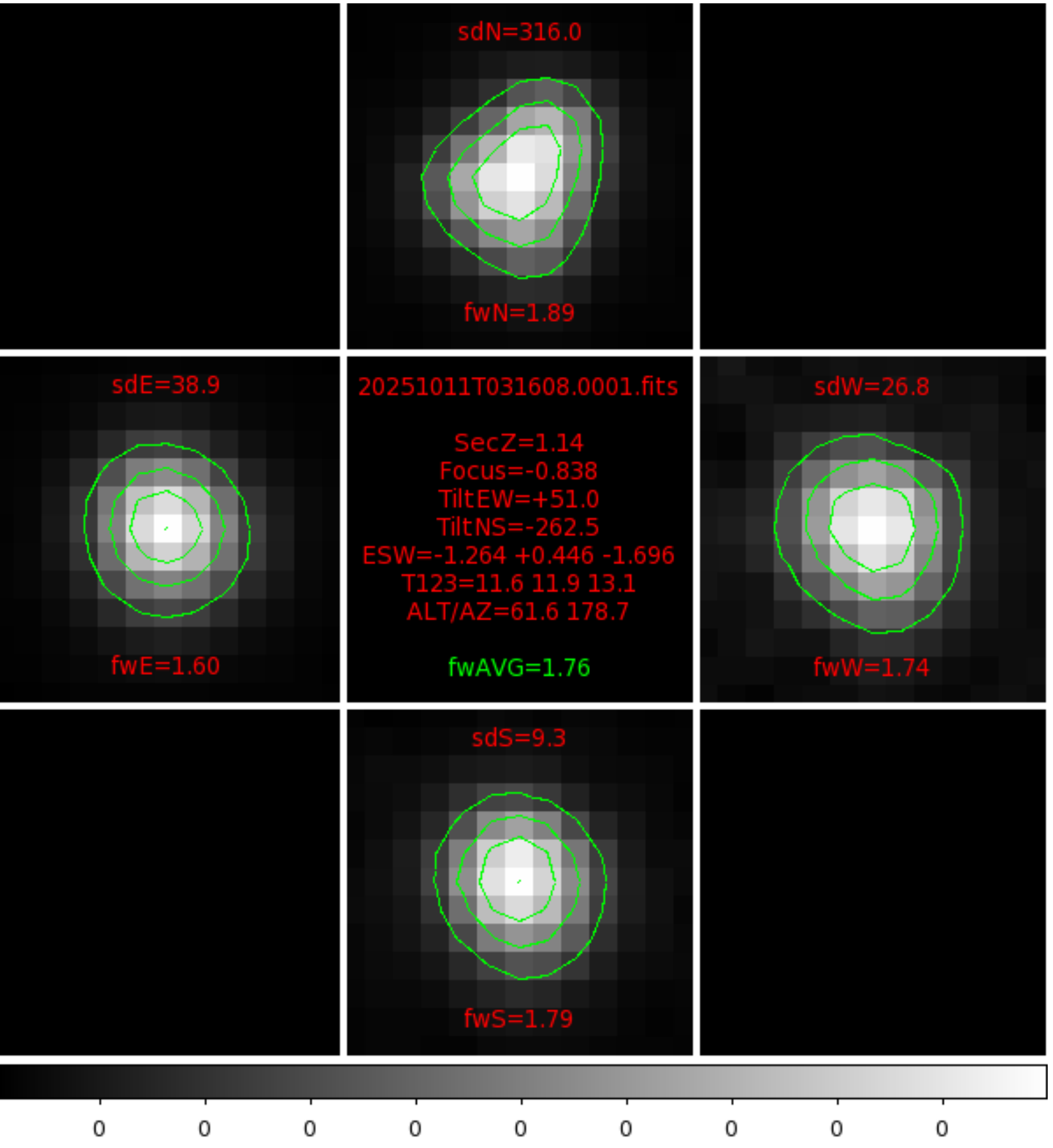
sdN=316.0
fwN=1.89
sdE=38.9
fwE=1.60
20251011T031608.0001.fits
SecZ=1.14
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.6 11.9 13.1
ALT/AZ=61.6 178.7
fwAVG=1.76
sdW=26.8
fwW=1.74
sdS=9.3
fwS=1.79
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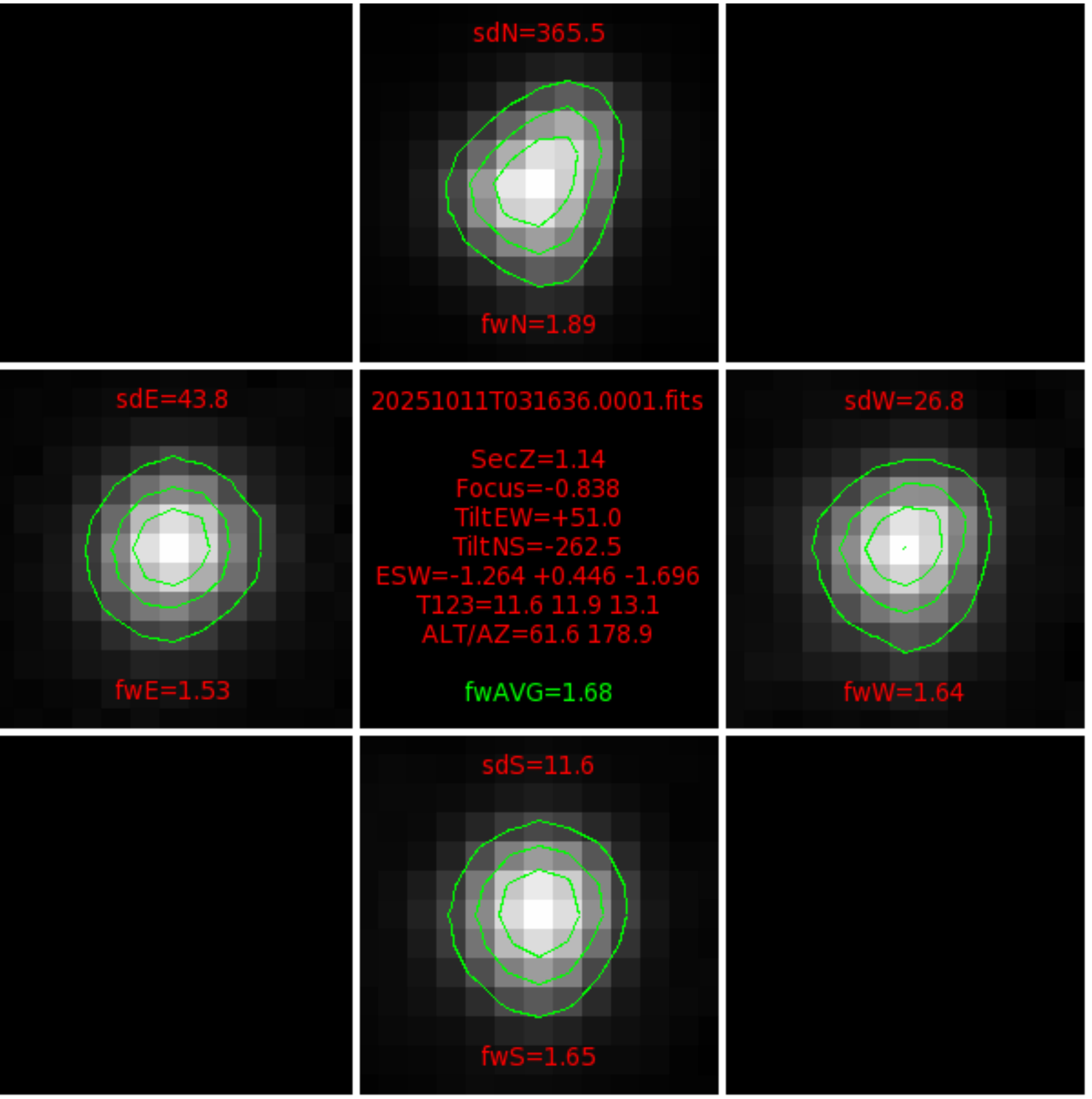
sdN=365.5
fwN=1.89
sdE=43.8
fwE=1.53
20251011T031636.0001.fits
SecZ=1.14
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.6 11.9 13.1
ALT/AZ=61.6 178.9
fwAVG=1.68
sdW=26.8
fwW=1.64
sdS=11.6
fwS=1.65
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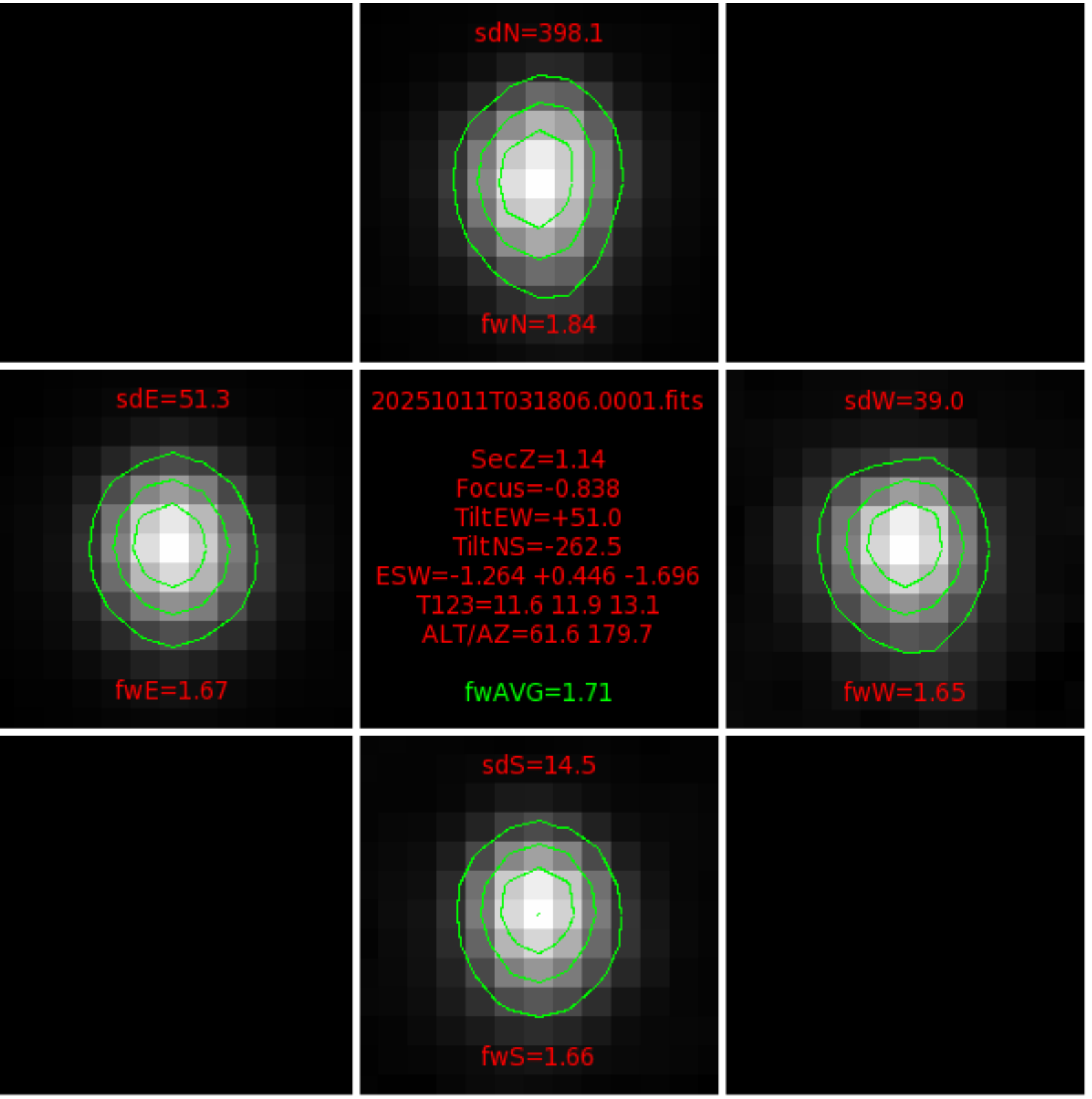
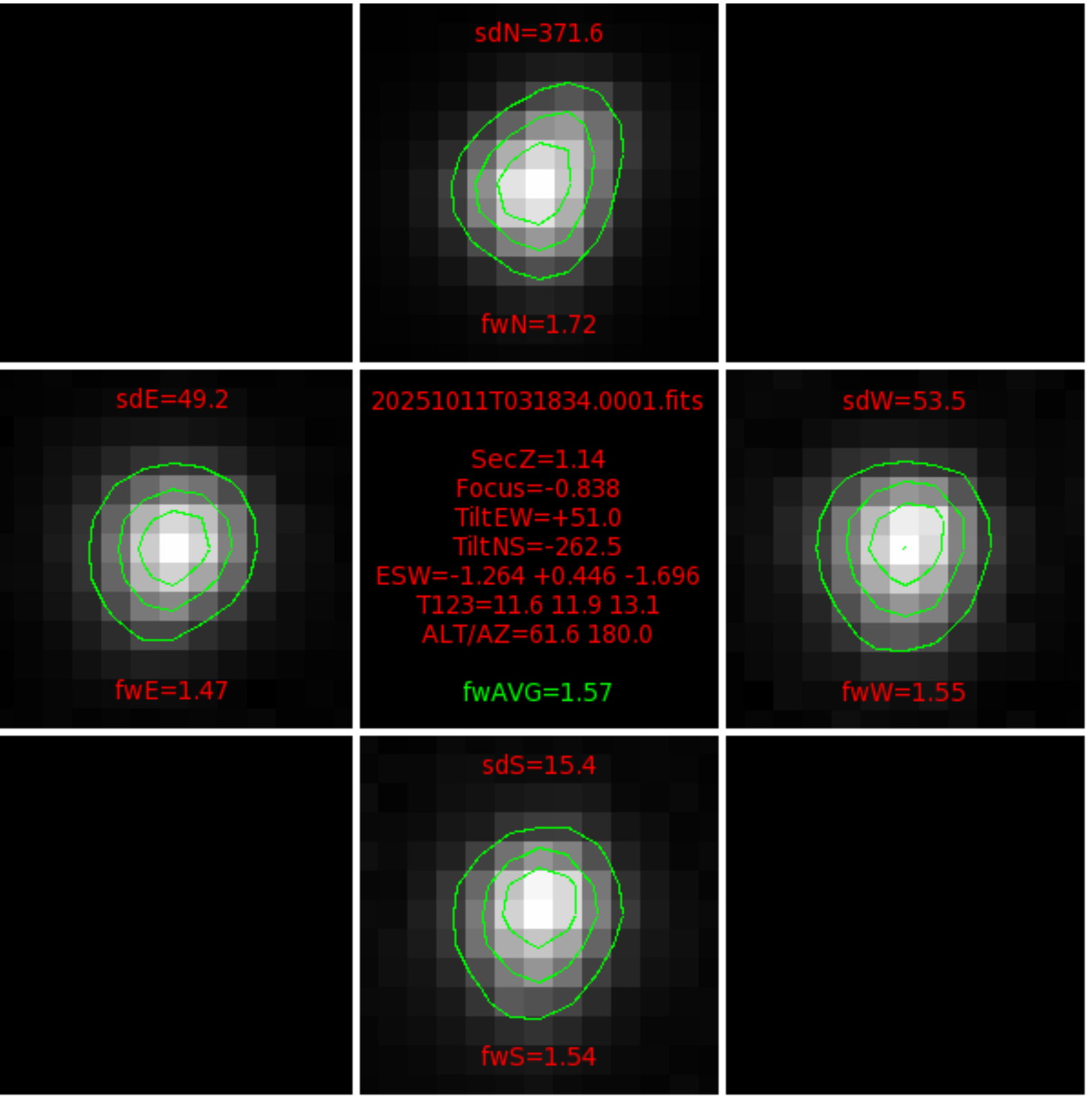
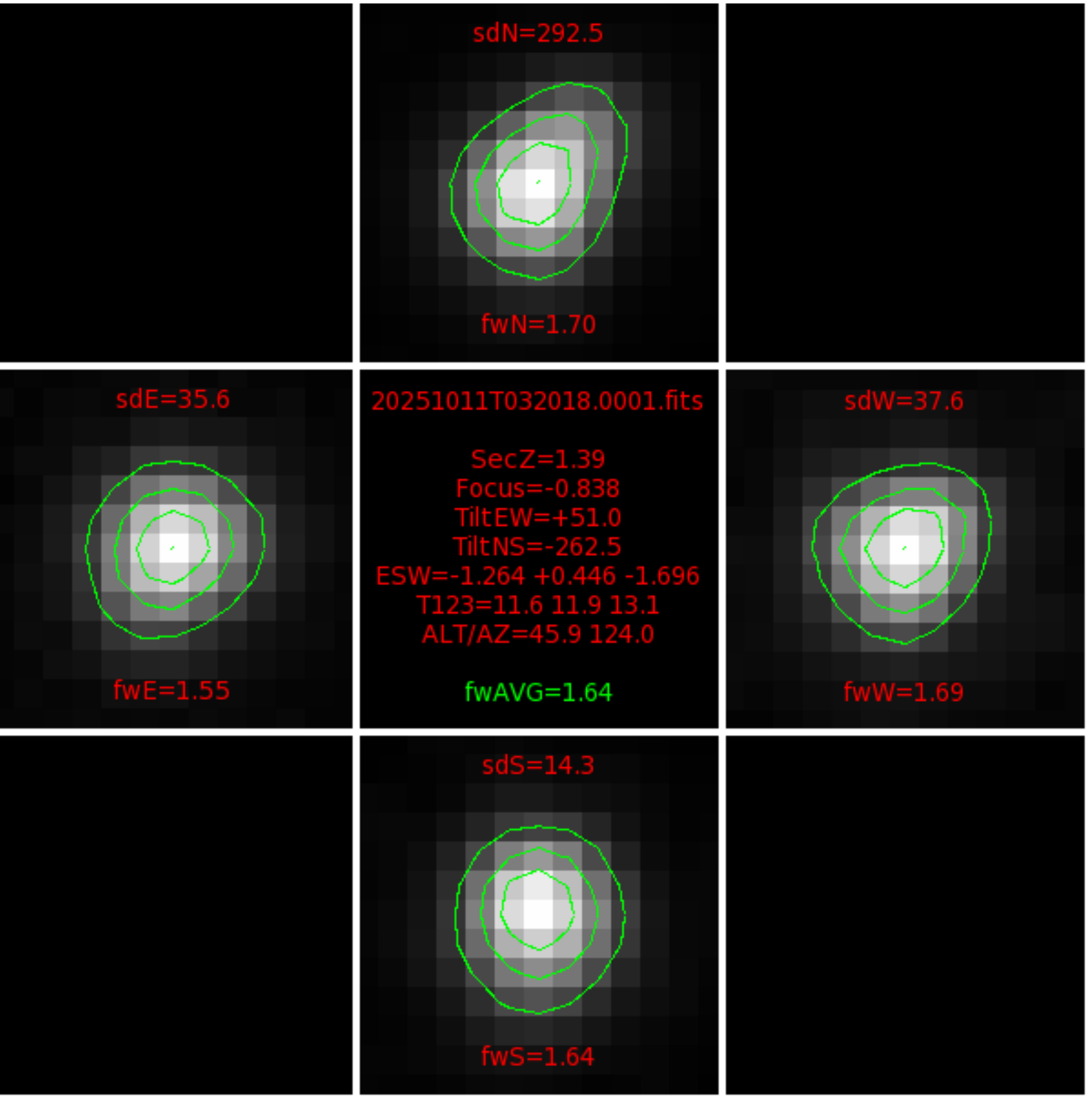
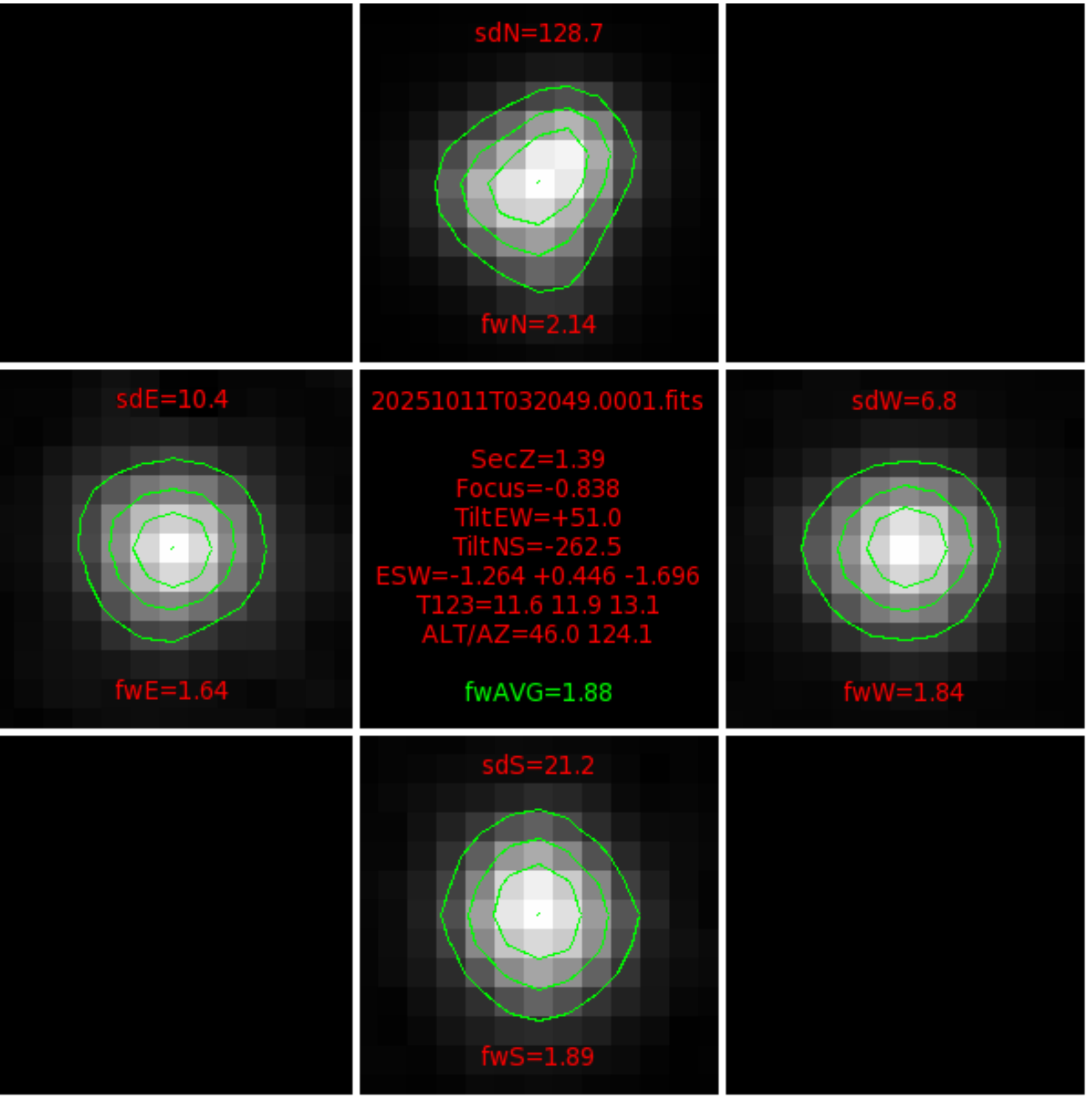
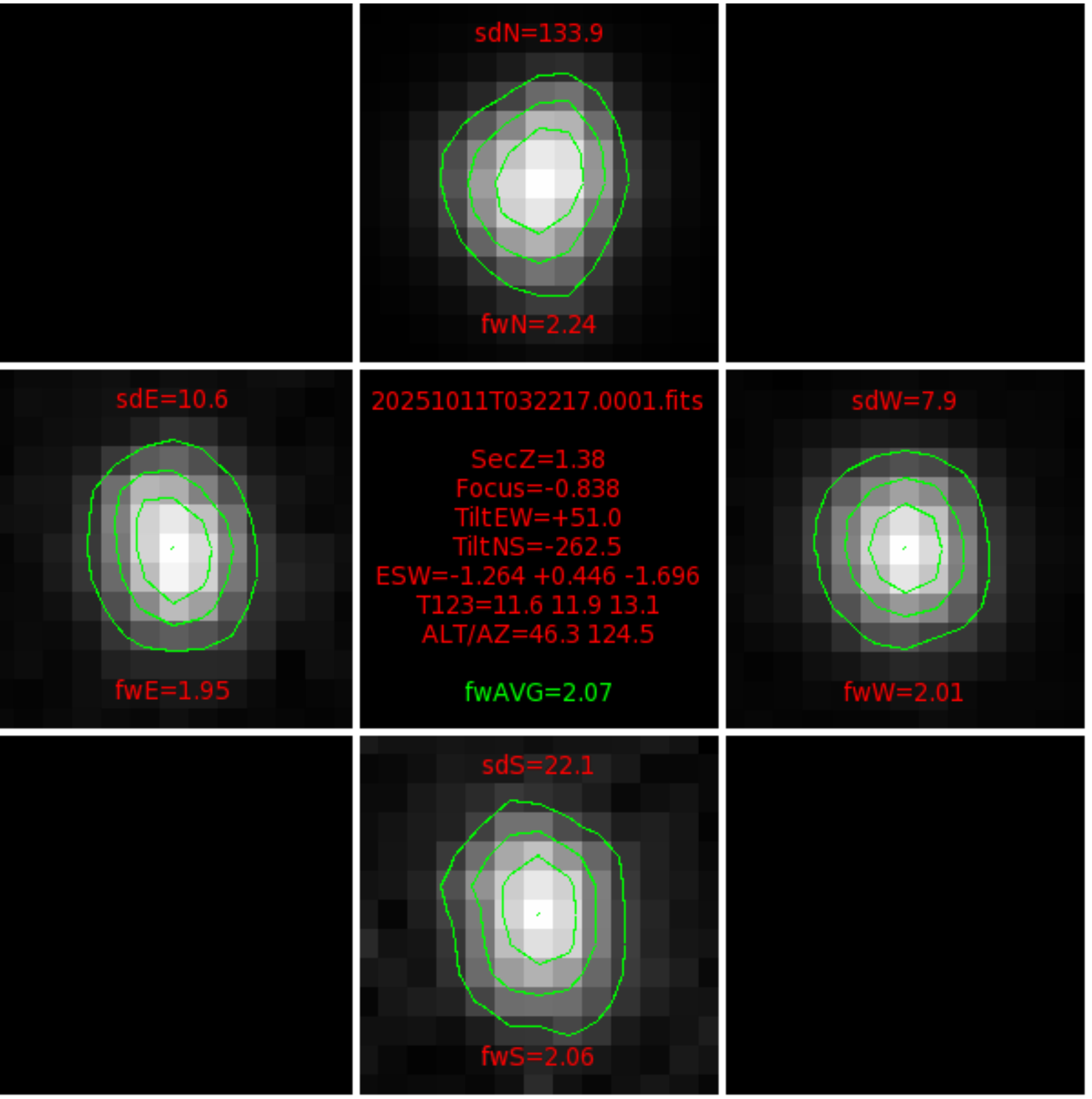
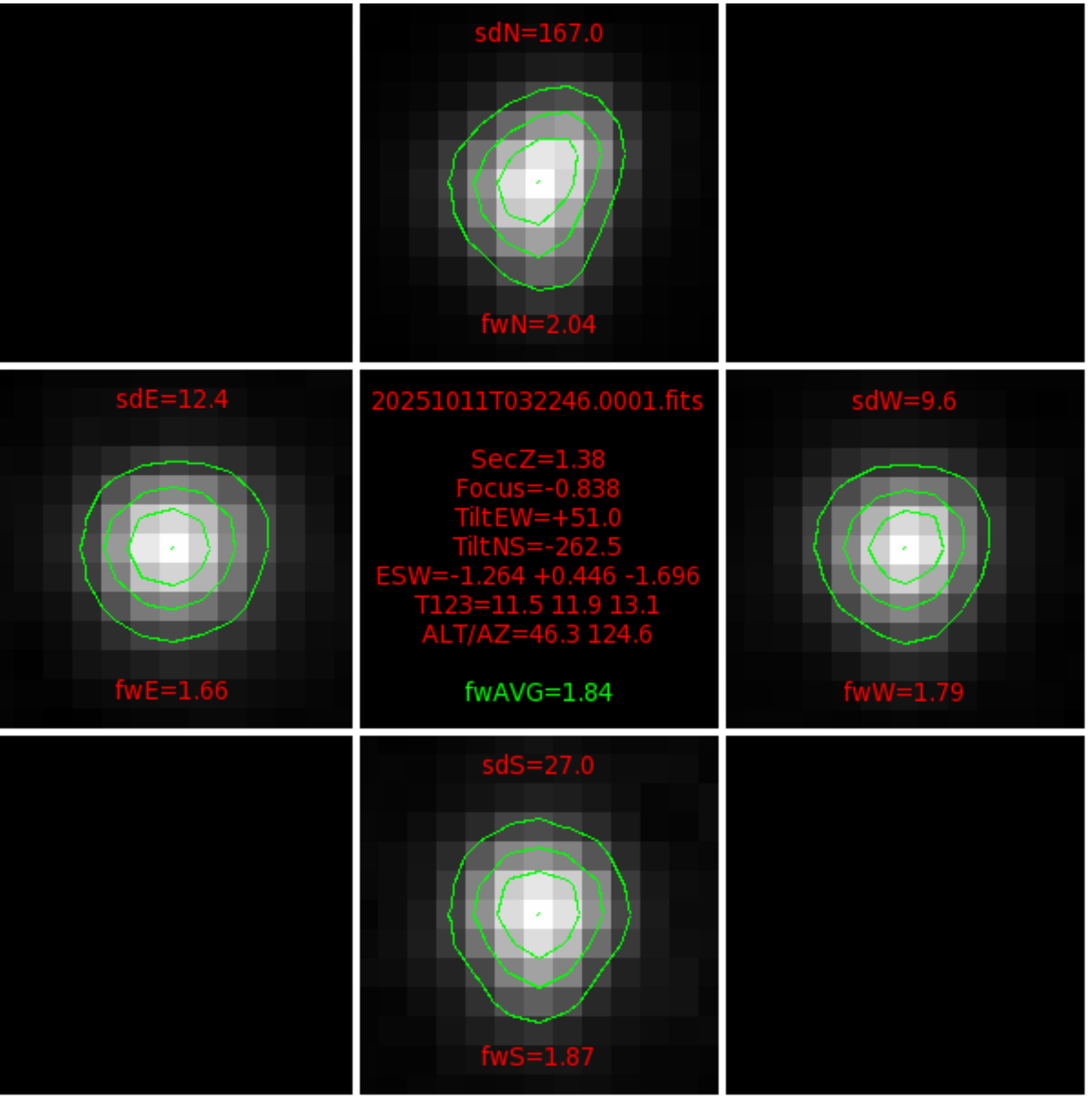

sdN=398.1
fwN=1.84
sdE=51.3
fwE=1.67
20251011T031806.0001.fits
SecZ=1.14
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.6 11.9 13.1
ALT/AZ=61.6 179.7
fwAVG=1.71
sdW=39.0
fwW=1.65
sdS=14.5
fwS=1.66
0 0 0 0 0 0 0 0 0

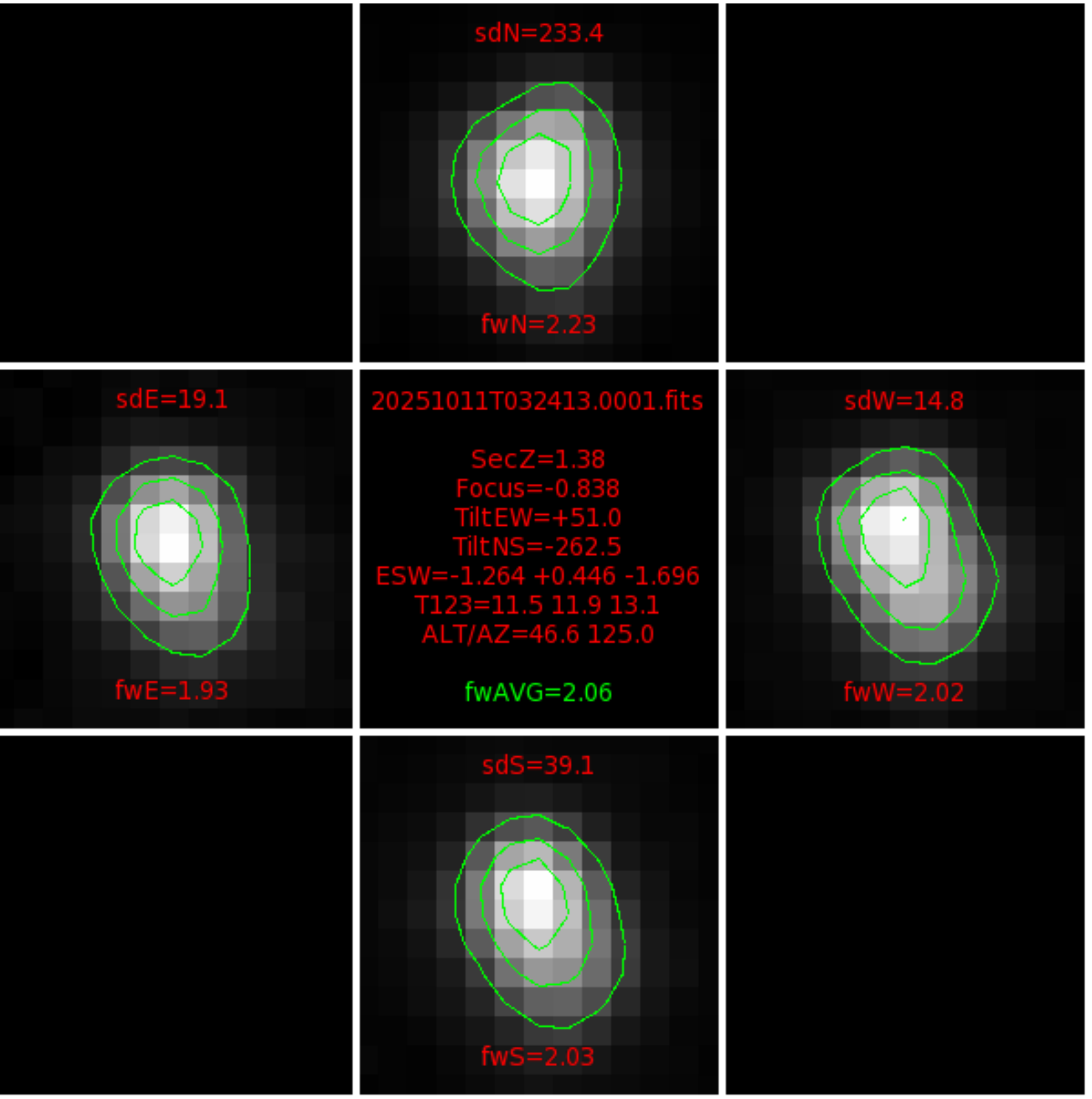

sdN=371.6
fwN=1.72
sdE=49.2
fwE=1.47
20251011T031834.0001.fits
SecZ=1.14
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.6 11.9 13.1
ALT/AZ=61.6 180.0
fwAVG=1.57
sdW=53.5
fwW=1.55
sdS=15.4
fwS=1.54
0 0 0 0 0 0 0 0 0

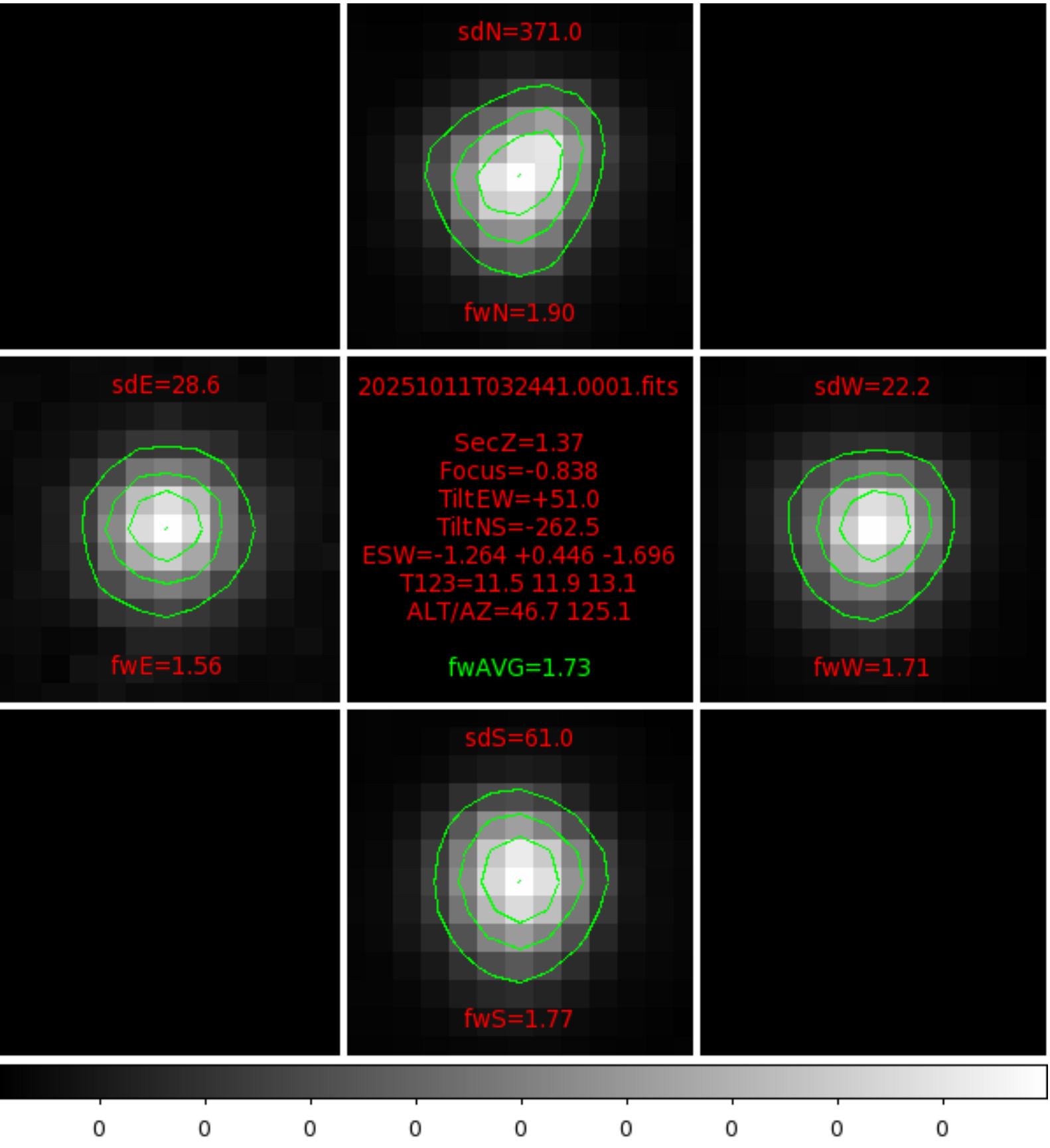

sdN=292.5
fwN=1.70
sdE=35.6
fwE=1.55
20251011T032018.0001.fits
SecZ=1.39
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.6 11.9 13.1
ALT/AZ=45.9 124.0
fwAVG=1.64
sdW=37.6
fwW=1.69
sdS=14.3
fwS=1.64
0 0 0 0 0 0 0 0 0

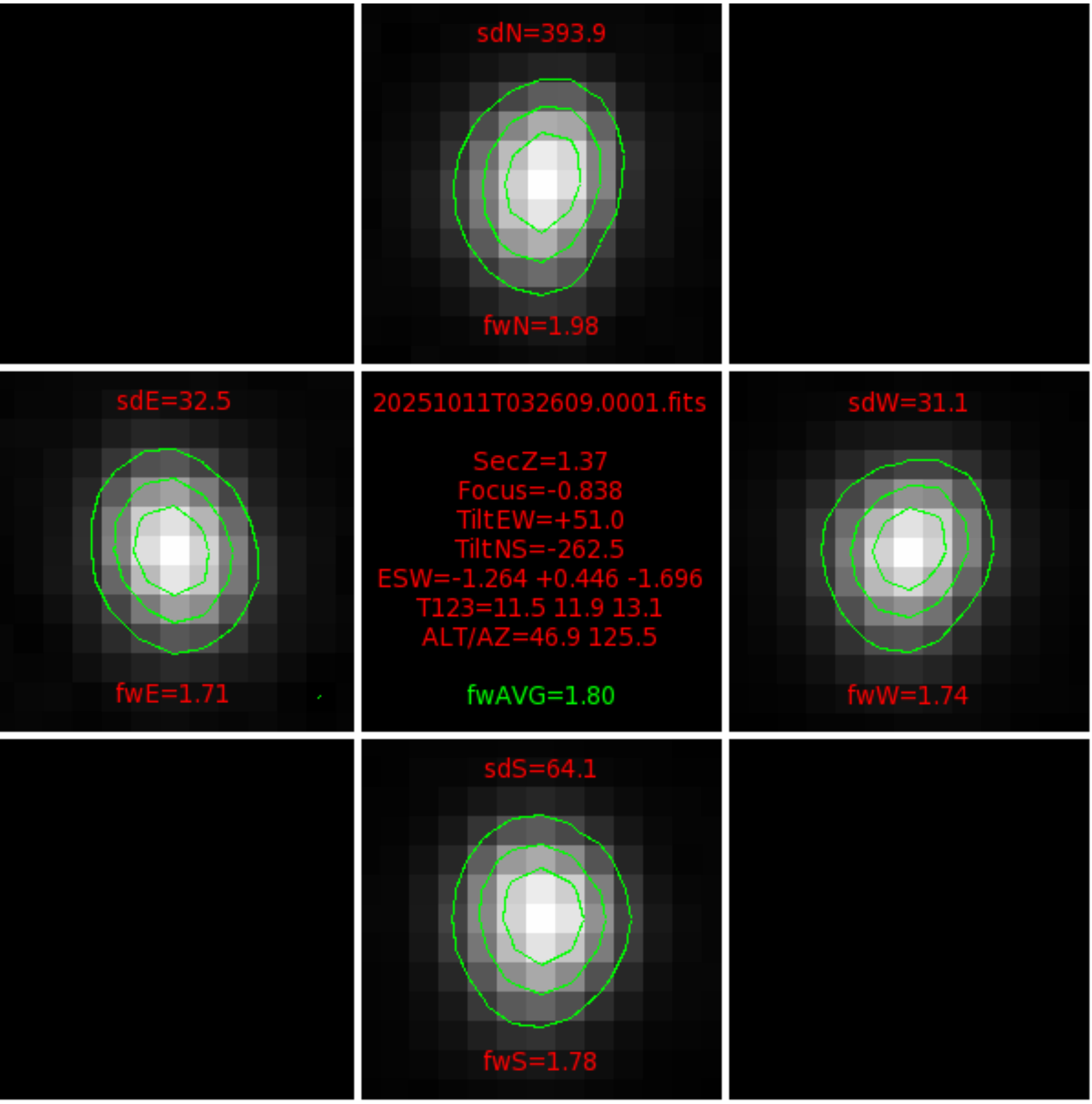

sdN=128.7
fwN=2.14
sdE=10.4
fwE=1.64
20251011T032049.0001.fits
SecZ=1.39
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.6 11.9 13.1
ALT/AZ=46.0 124.1
fwAVG=1.88
sdW=6.8
fwW=1.84
sdS=21.2
fwS=1.89
0 0 0 0 0 0 0 0 0

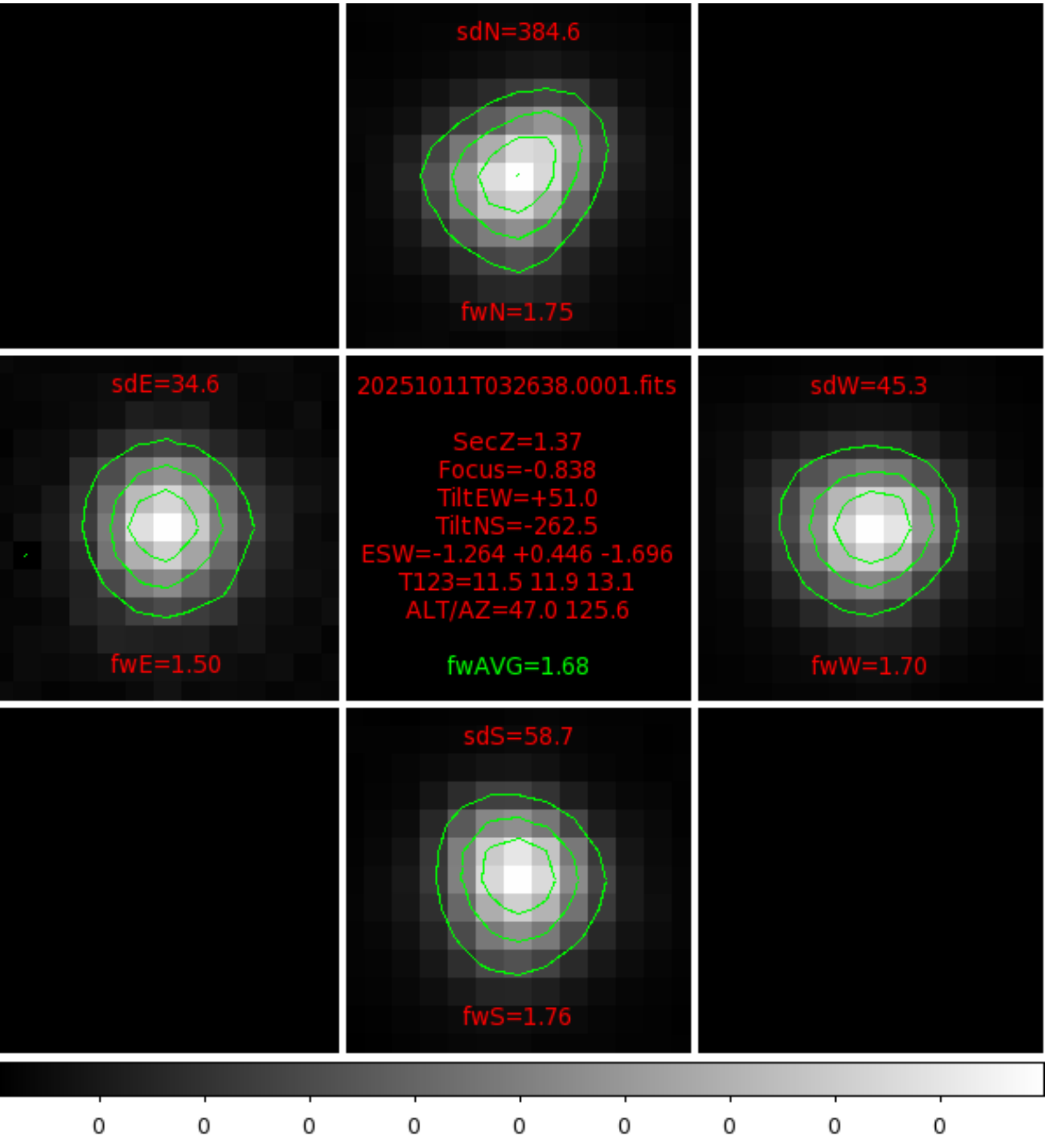

sdN=133.9
fwN=2.24
sdE=10.6
fwE=1.95
20251011T032217.0001.fits
SecZ=1.38
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.6 11.9 13.1
ALT/AZ=46.3 124.5
fwAVG=2.07
sdW=7.9
fwW=2.01
sdS=22.1
fwS=2.06
0 0 0 0 0 0 0 0 0

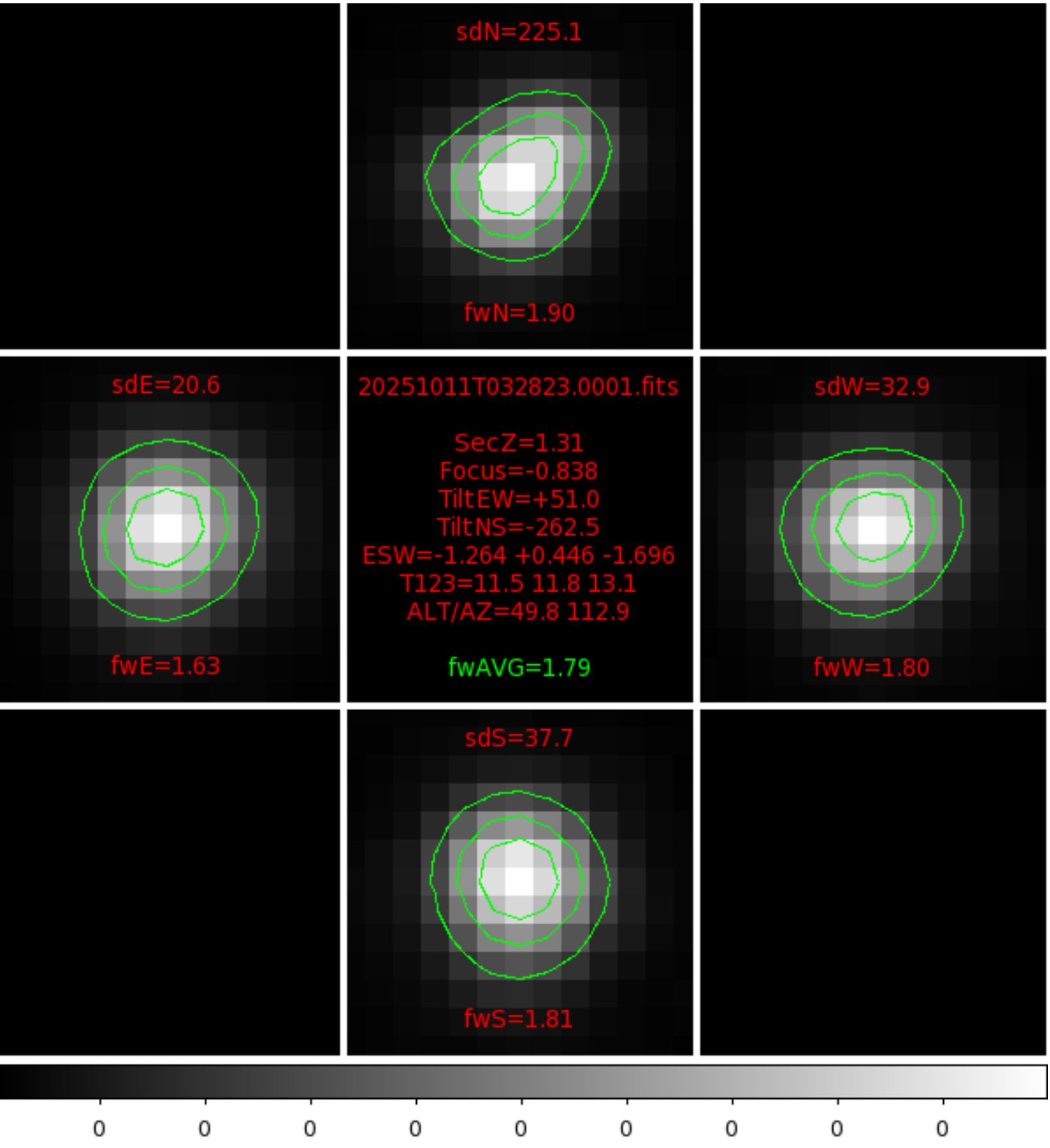

sdN=167.0
fwN=2.04
sdE=12.4
fwE=1.66
20251011T032246.0001.fits
SecZ=1.38
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.5 11.9 13.1
ALT/AZ=46.3 124.6
fwAVG=1.84
sdW=9.6
fwW=1.79
sdS=27.0
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=233.4
fwN=2.23
sdE=19.1
fwE=1.93
20251011T032413.0001.fits
SecZ=1.38
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.5 11.9 13.1
ALT/AZ=46.6 125.0
fwAVG=2.06
sdW=14.8
fwW=2.02
sdS=39.1
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=371.0
fwN=1.90
sdE=28.6
fwE=1.56
20251011T032441.0001.fits
SecZ=1.37
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.5 11.9 13.1
ALT/AZ=46.7 125.1
fwAVG=1.73
sdW=22.2
fwW=1.71
sdS=61.0
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=393.9
fwN=1.98
sdE=32.5
fwE=1.71
20251011T032609.0001.fits
SecZ=1.37
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.5 11.9 13.1
ALT/AZ=46.9 125.5
fwAVG=1.80
sdW=31.1
fwW=1.74
sdS=64.1
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=384.6
fwN=1.75
sdE=34.6
fwE=1.50
20251011T032638.0001.fits
SecZ=1.37
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.5 11.9 13.1
ALT/AZ=47.0 125.6
fwAVG=1.68
sdW=45.3
fwW=1.70
sdS=58.7
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=225.1
fwN=1.90
sdE=20.6
fwE=1.63
20251011T032823.0001.fits
SecZ=1.31
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.5 11.8 13.1
ALT/AZ=49.8 112.9
fwAVG=1.79
sdW=32.9
fwW=1.80
sdS=37.7
fwS=1.81
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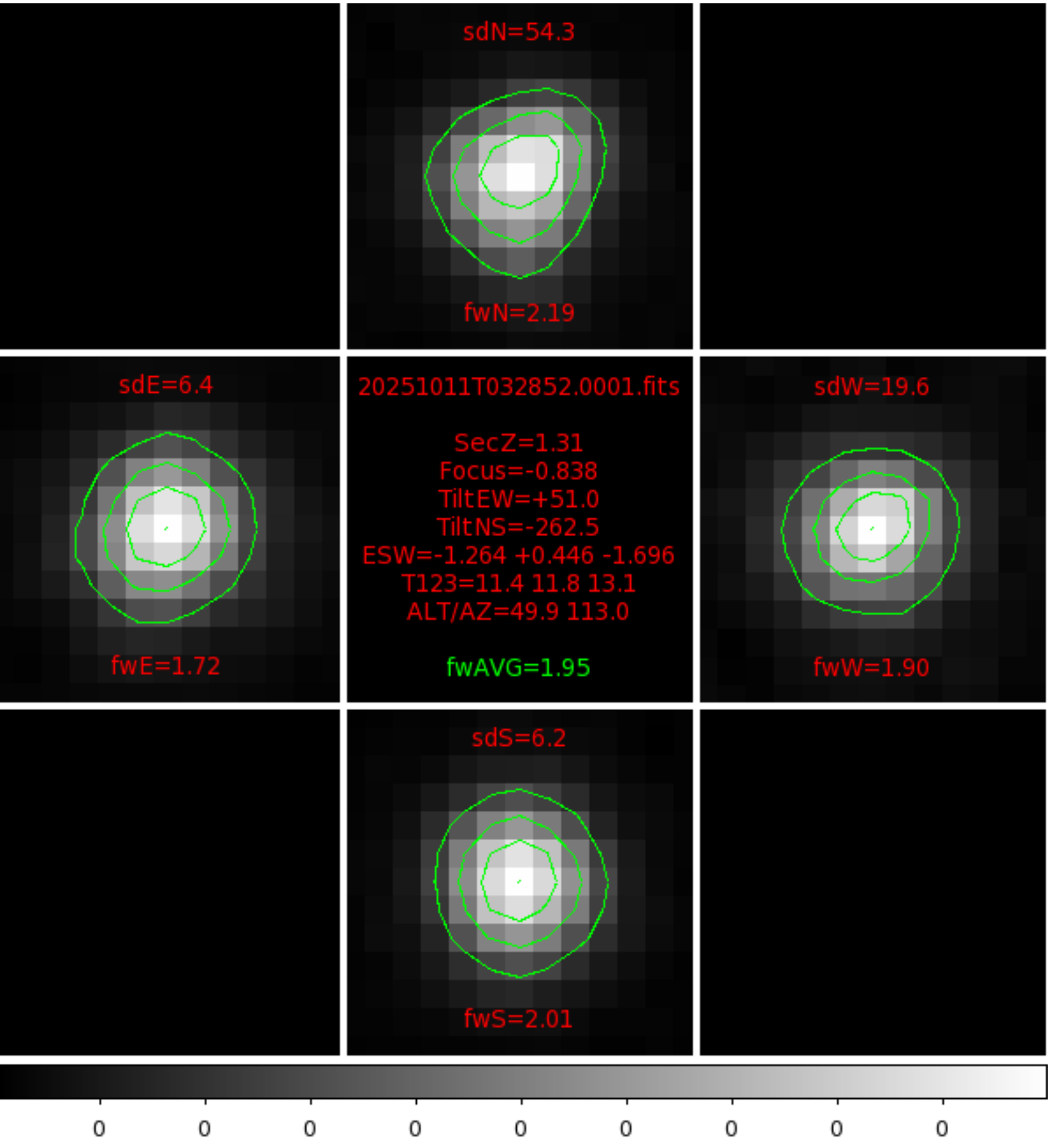
sdN=54.3
fwN=2.19
sdE=6.4
fwE=1.72
20251011T032852.0001.fits
SecZ=1.31
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.4 11.8 13.1
ALT/AZ=49.9 113.0
fwAVG=1.95
sdW=19.6
fwW=1.90
sdS=6.2
fwS=2.01
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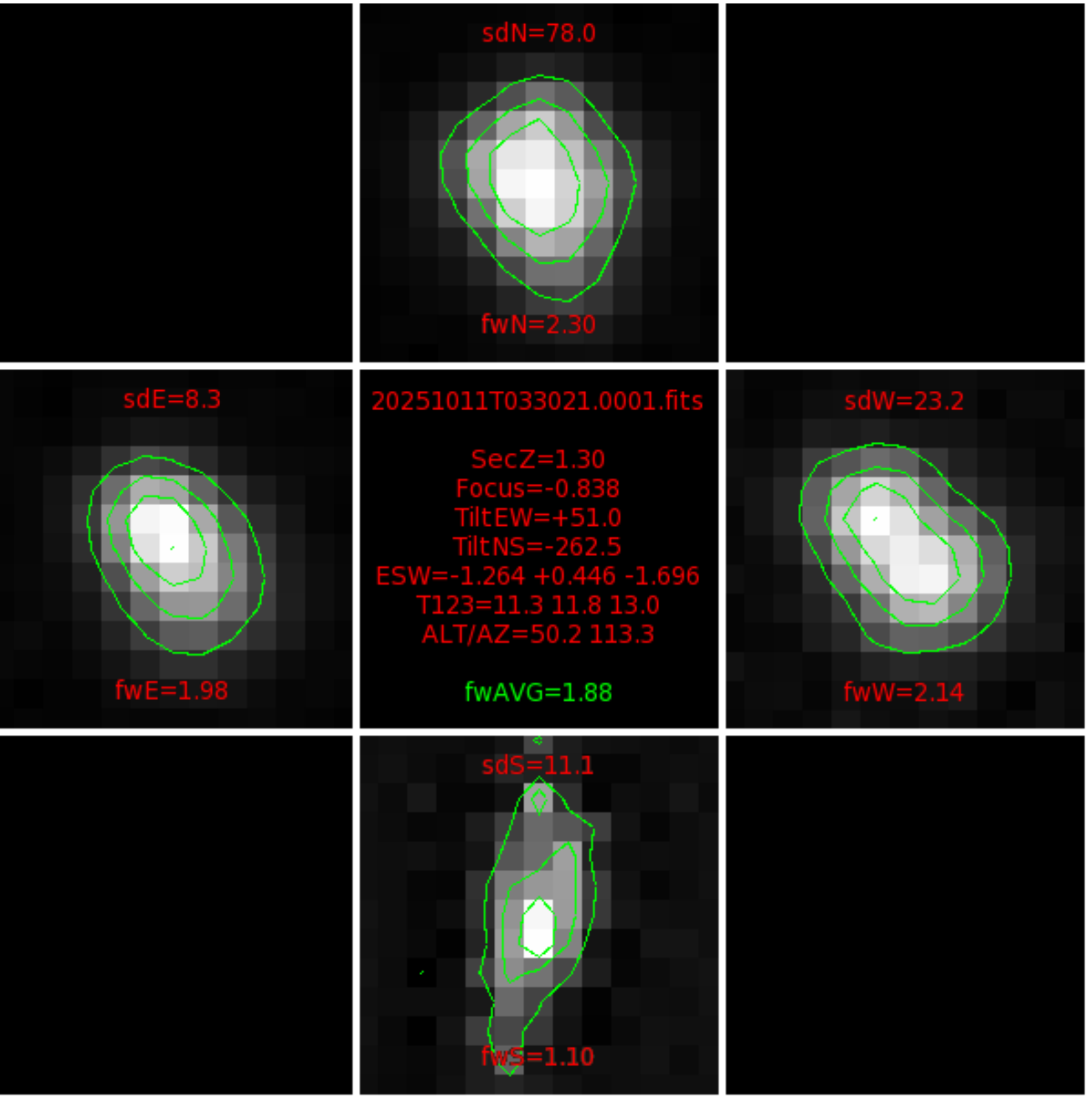
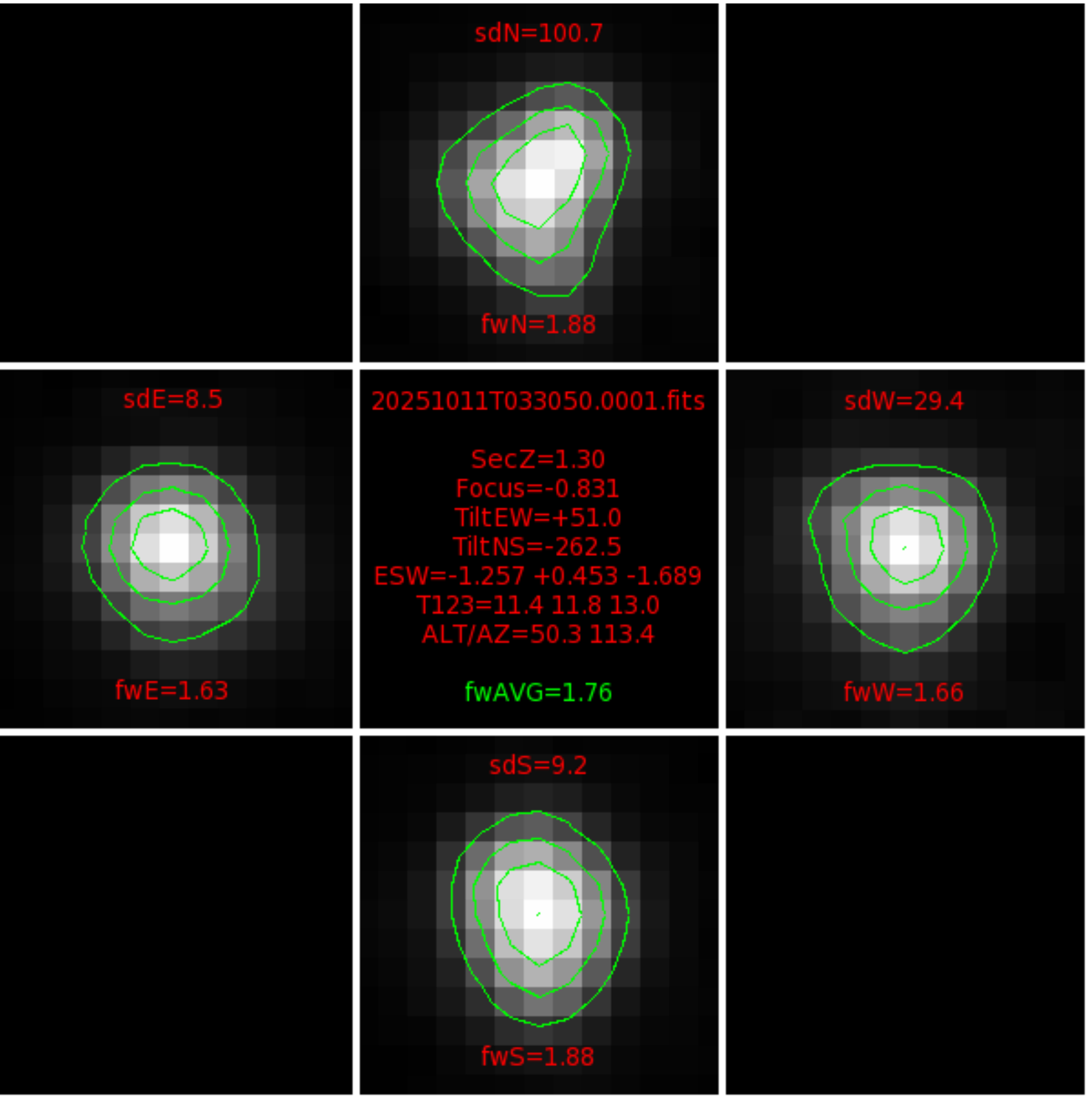
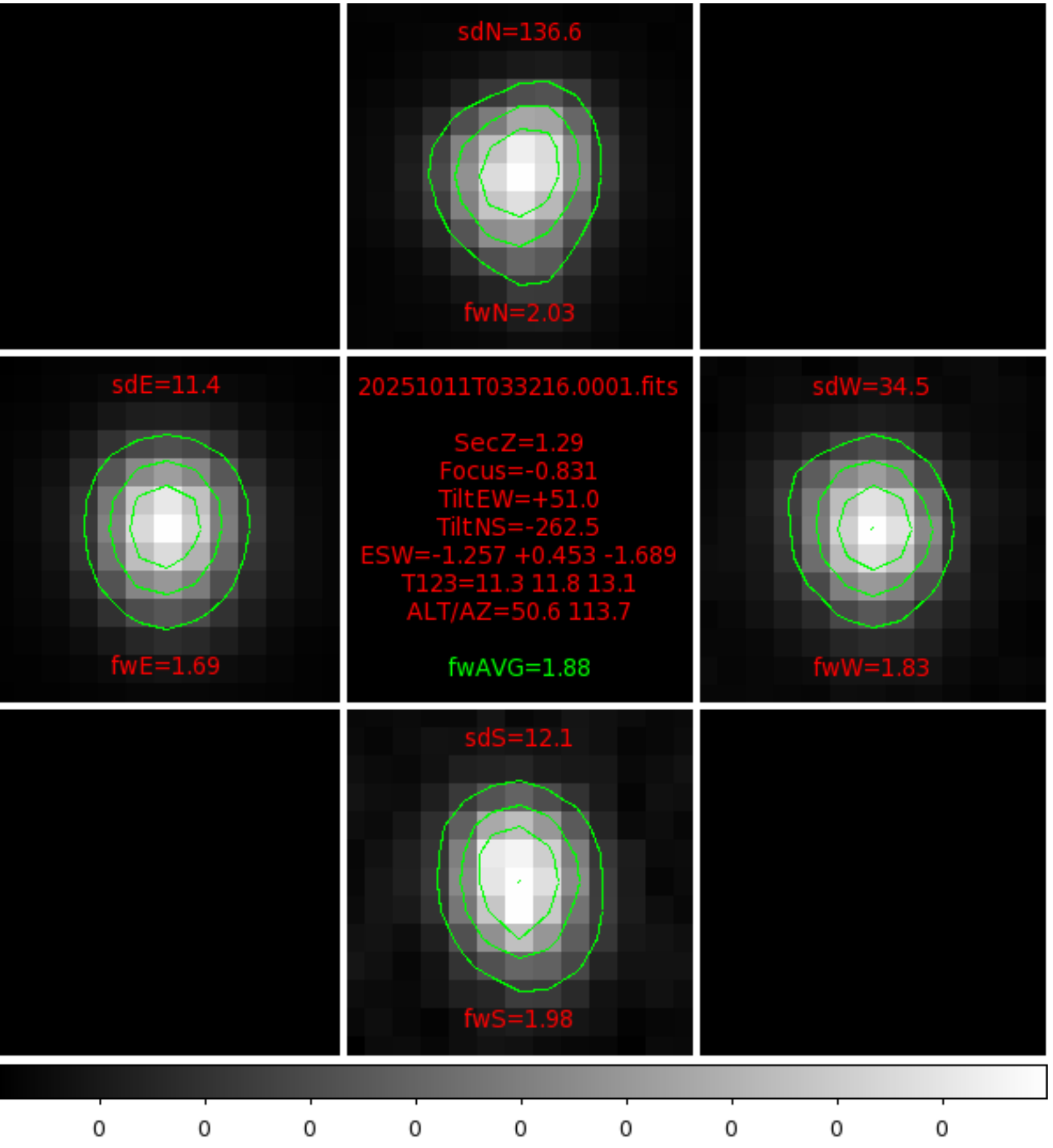
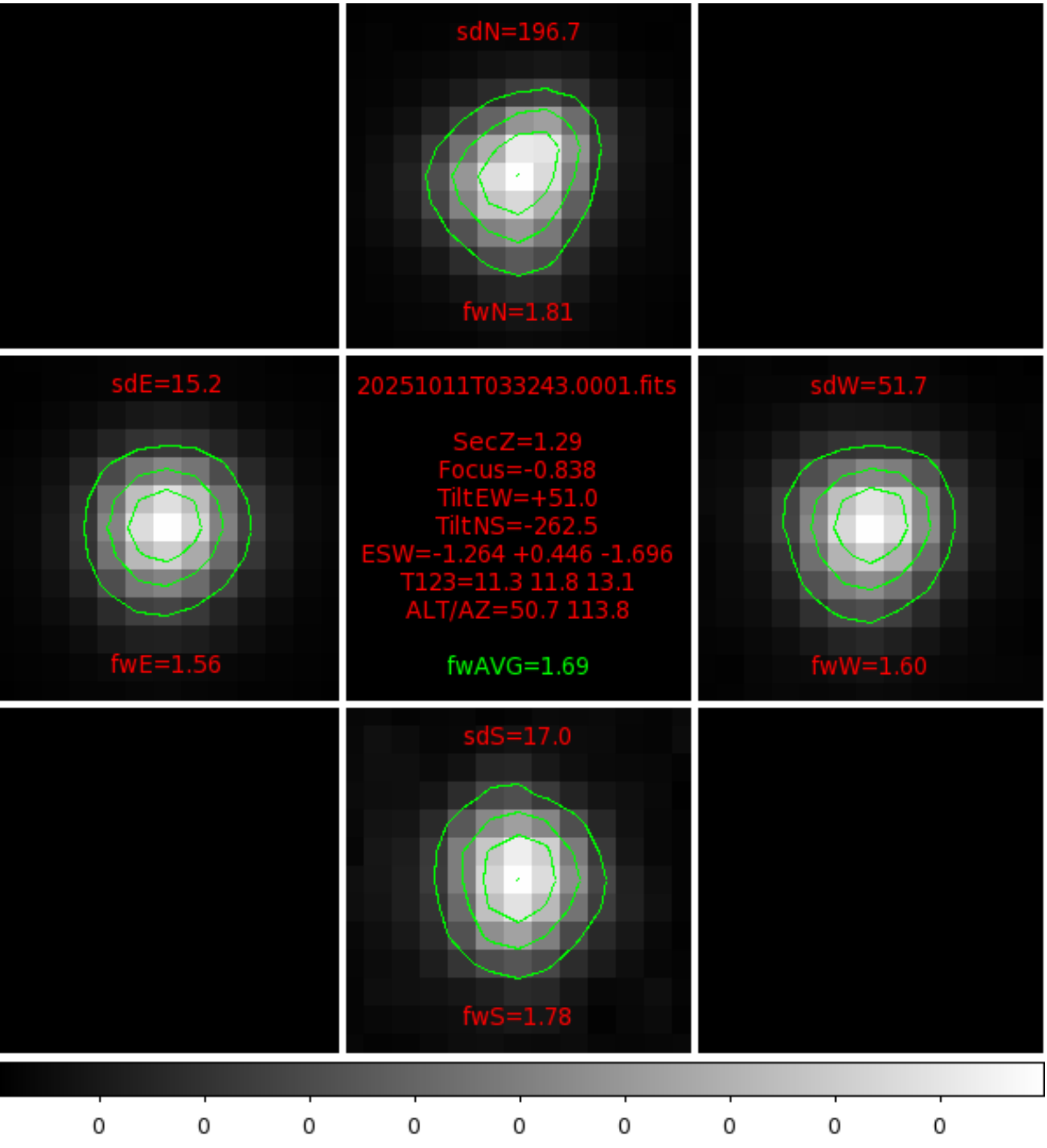
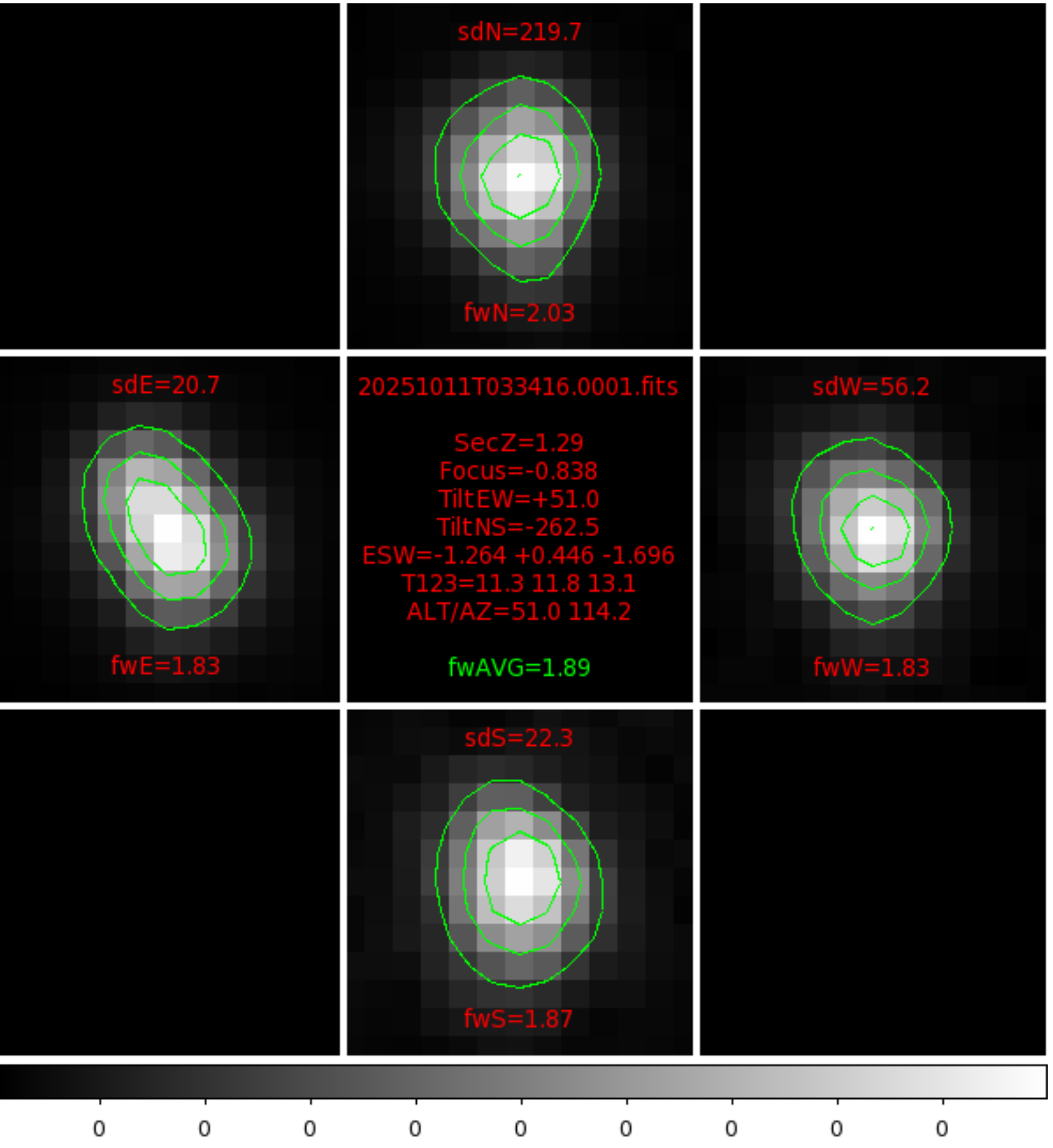

sdN=78.0
fwN=2.30
sdE=8.3
fwE=1.98
20251011T033021.0001.fits
SecZ=1.30
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.3 11.8 13.0
ALT/AZ=50.2 113.3
fwAVG=1.88
sdW=23.2
fwW=2.14
sdS=11.1
fwS=1.10
0 0 0 0 0 0 0 0 0


sdN=100.7
fwN=1.88
sdE=8.5
fwE=1.63
20251011T033050.0001.fits
SecZ=1.30
Focus=-0.831
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.257 +0.453 -1.689
T123=11.4 11.8 13.0
ALT/AZ=50.3 113.4
fwAVG=1.76
sdW=29.4
fwW=1.66
sdS=9.2
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=136.6
fwN=2.03
sdE=11.4
fwE=1.69
20251011T033216.0001.fits
SecZ=1.29
Focus=-0.831
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.257 +0.453 -1.689
T123=11.3 11.8 13.1
ALT/AZ=50.6 113.7
fwAVG=1.88
sdW=34.5
fwW=1.83
sdS=12.1
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=196.7
fwN=1.81
sdE=15.2
fwE=1.56
20251011T033243.0001.fits
SecZ=1.29
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.3 11.8 13.1
ALT/AZ=50.7 113.8
fwAVG=1.69
sdW=51.7
fwW=1.60
sdS=17.0
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=219.7
fwN=2.03
sdE=20.7
fwE=1.83
20251011T033416.0001.fits
SecZ=1.29
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.3 11.8 13.1
ALT/AZ=51.0 114.2
fwAVG=1.89
sdW=56.2
fwW=1.83
sdS=22.3
fwS=1.87
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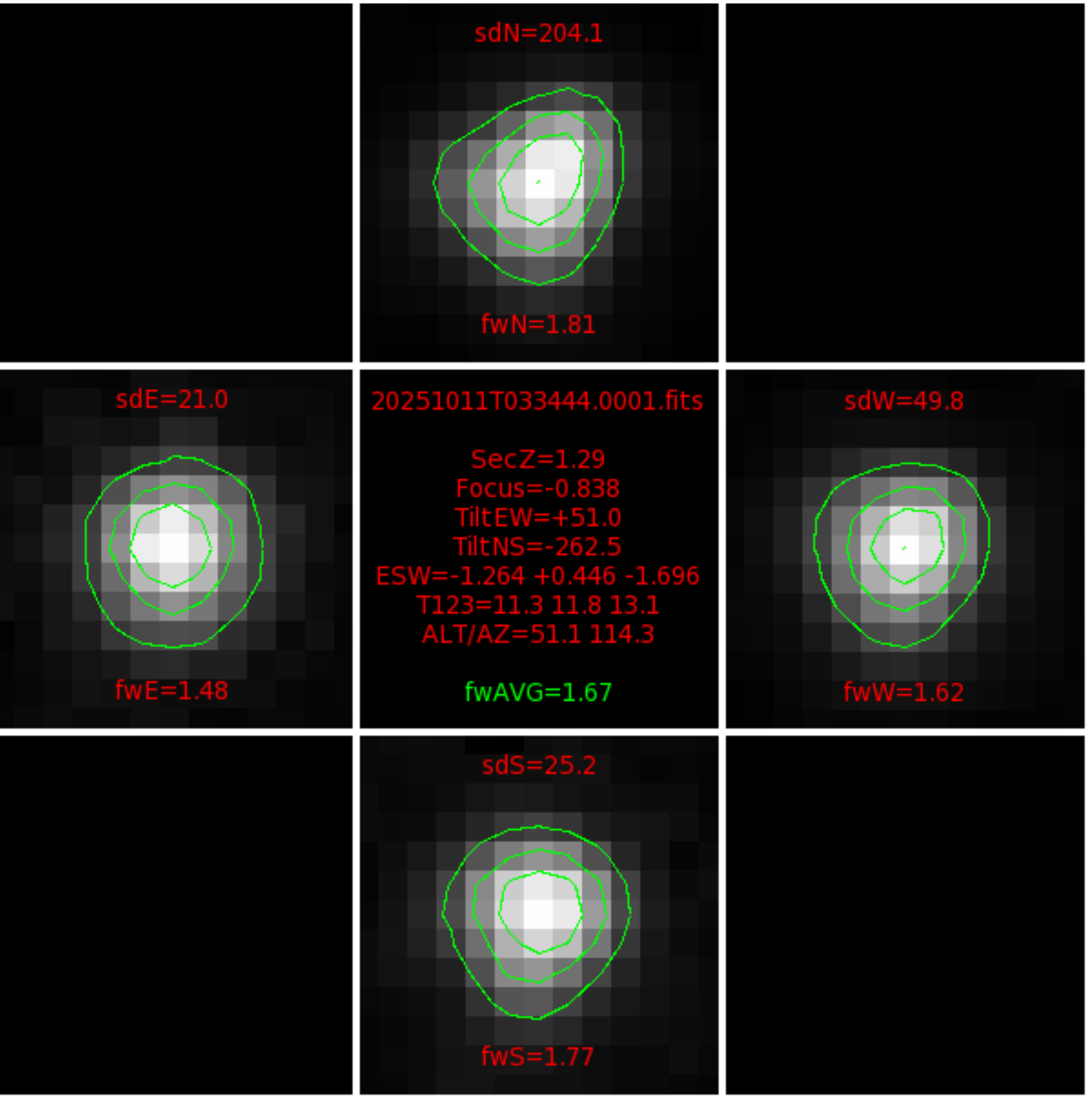
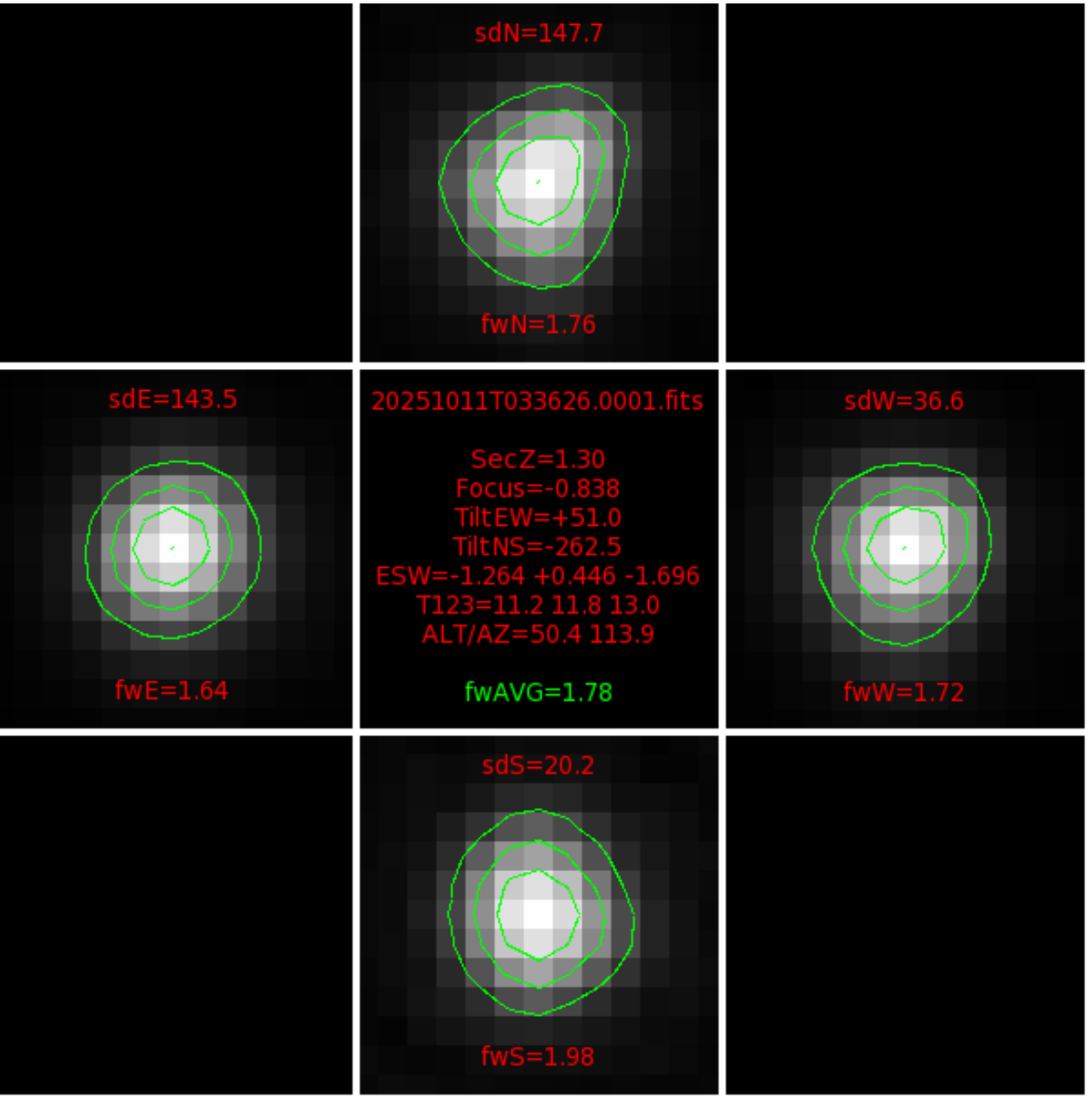
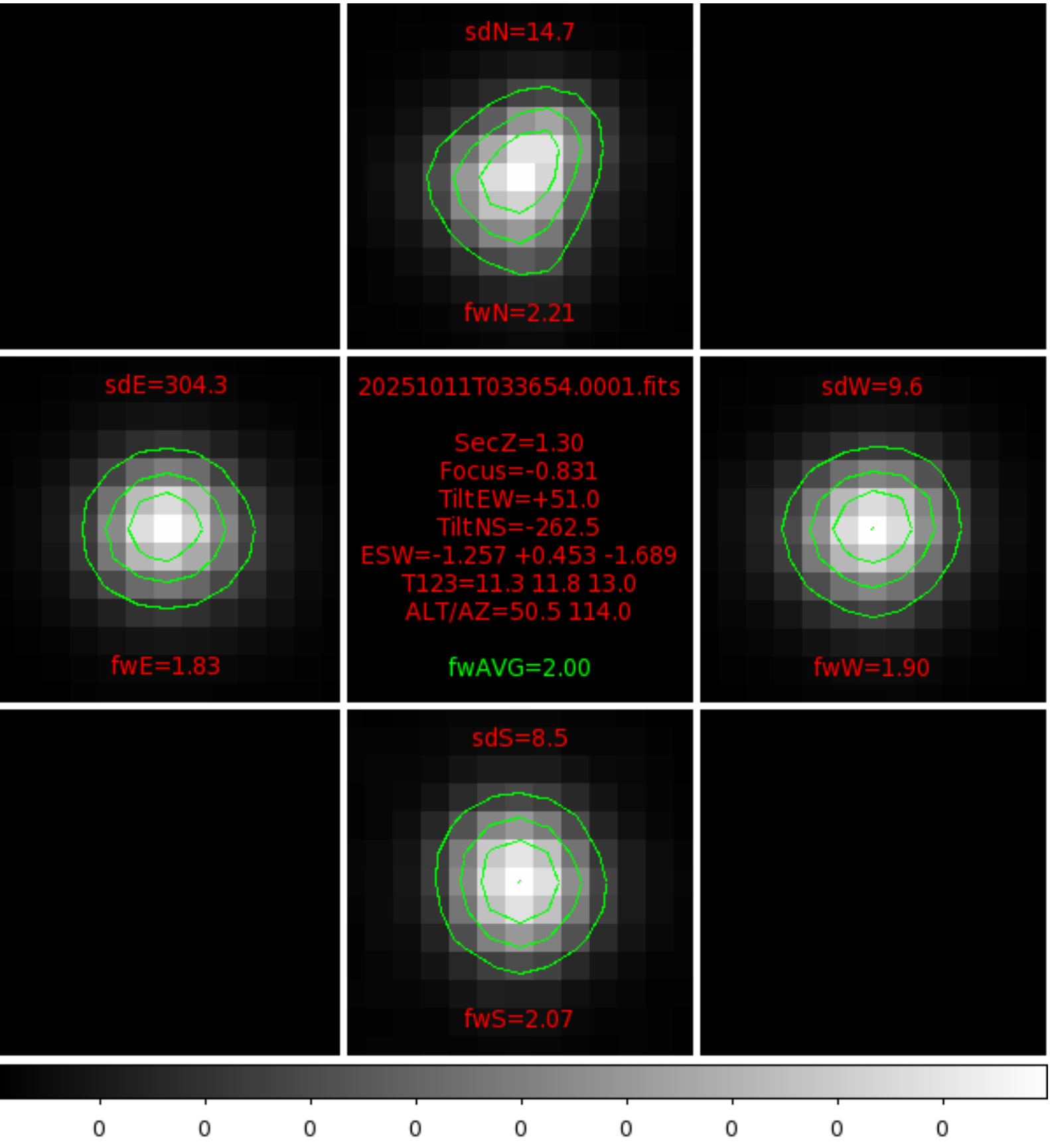
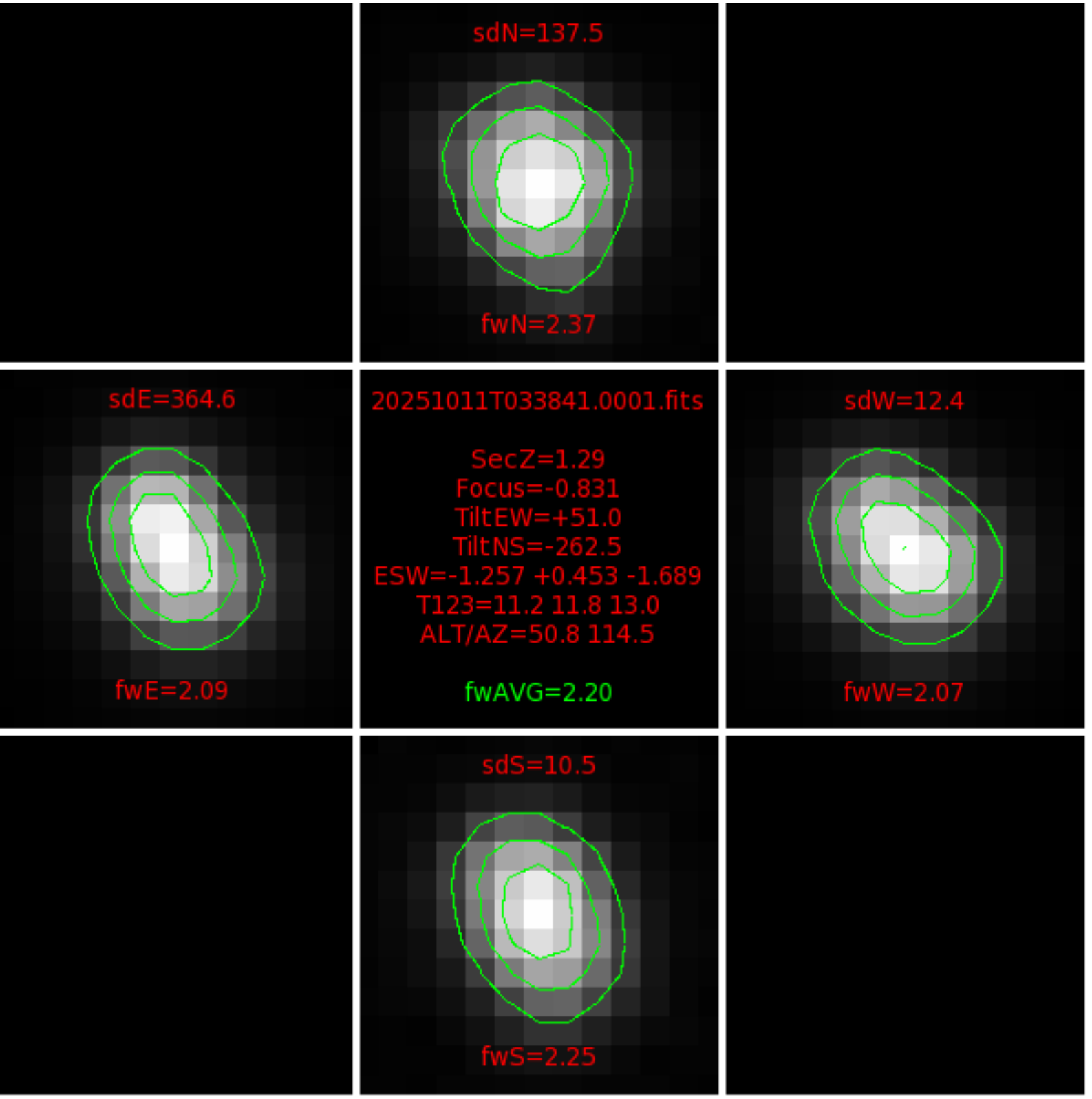
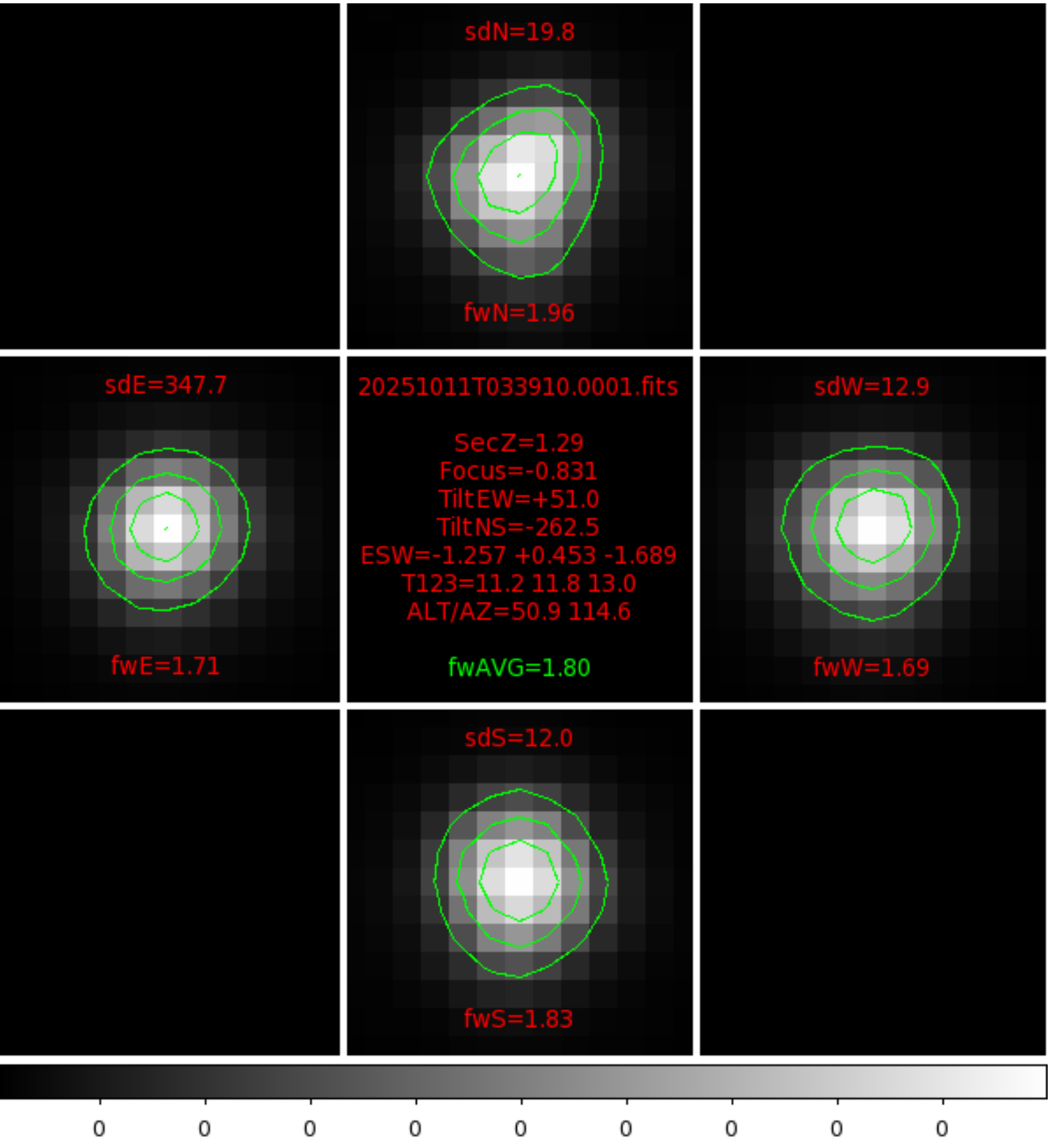
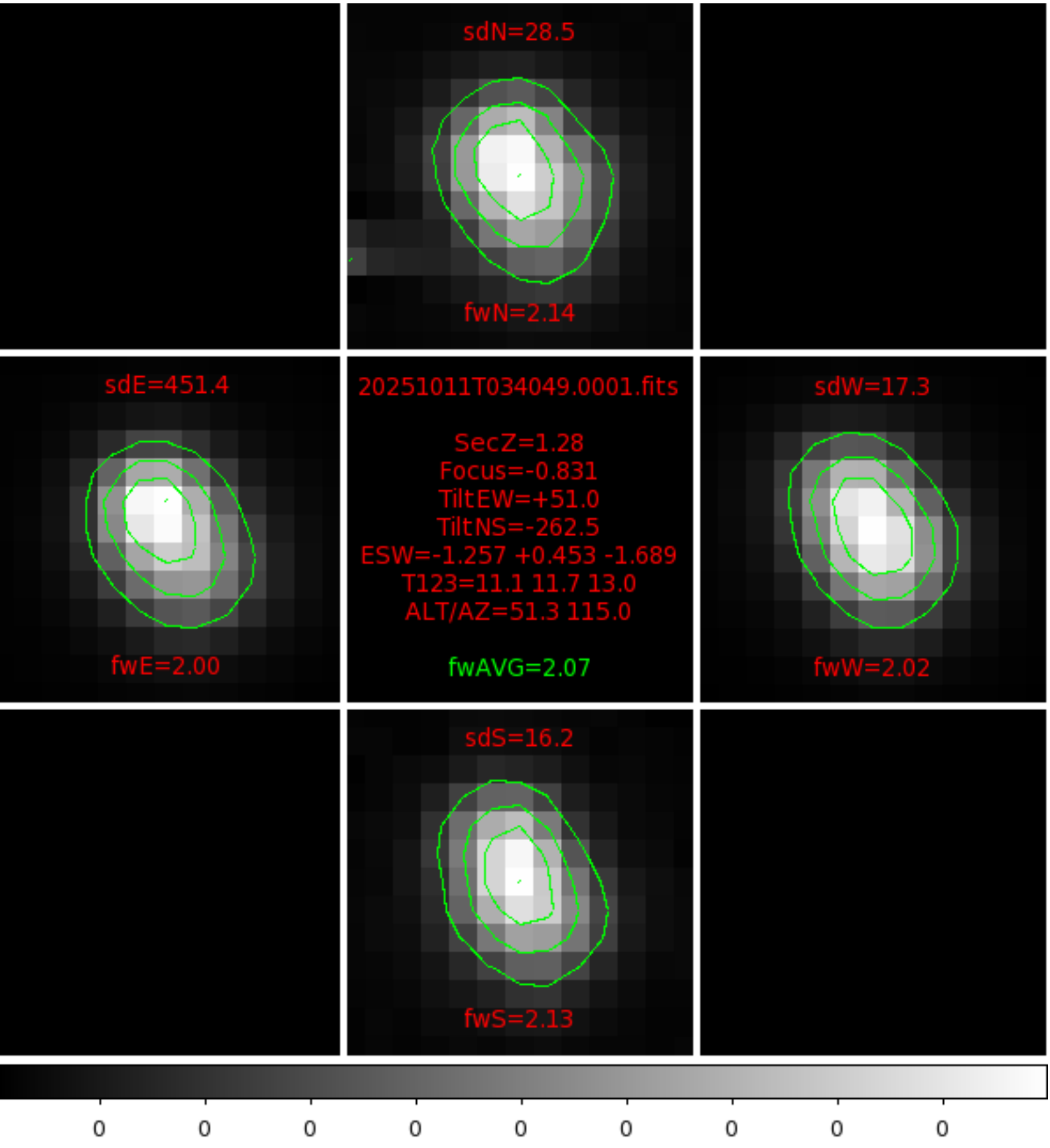

sdN=204.1
fwN=1.81
sdE=21.0
fwE=1.48
20251011T033444.0001.fits
SecZ=1.29
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.3 11.8 13.1
ALT/AZ=51.1 114.3
fwAVG=1.67
sdW=49.8
fwW=1.62
sdS=25.2
fwS=1.77
0 0 0 0 0 0 0 0 0

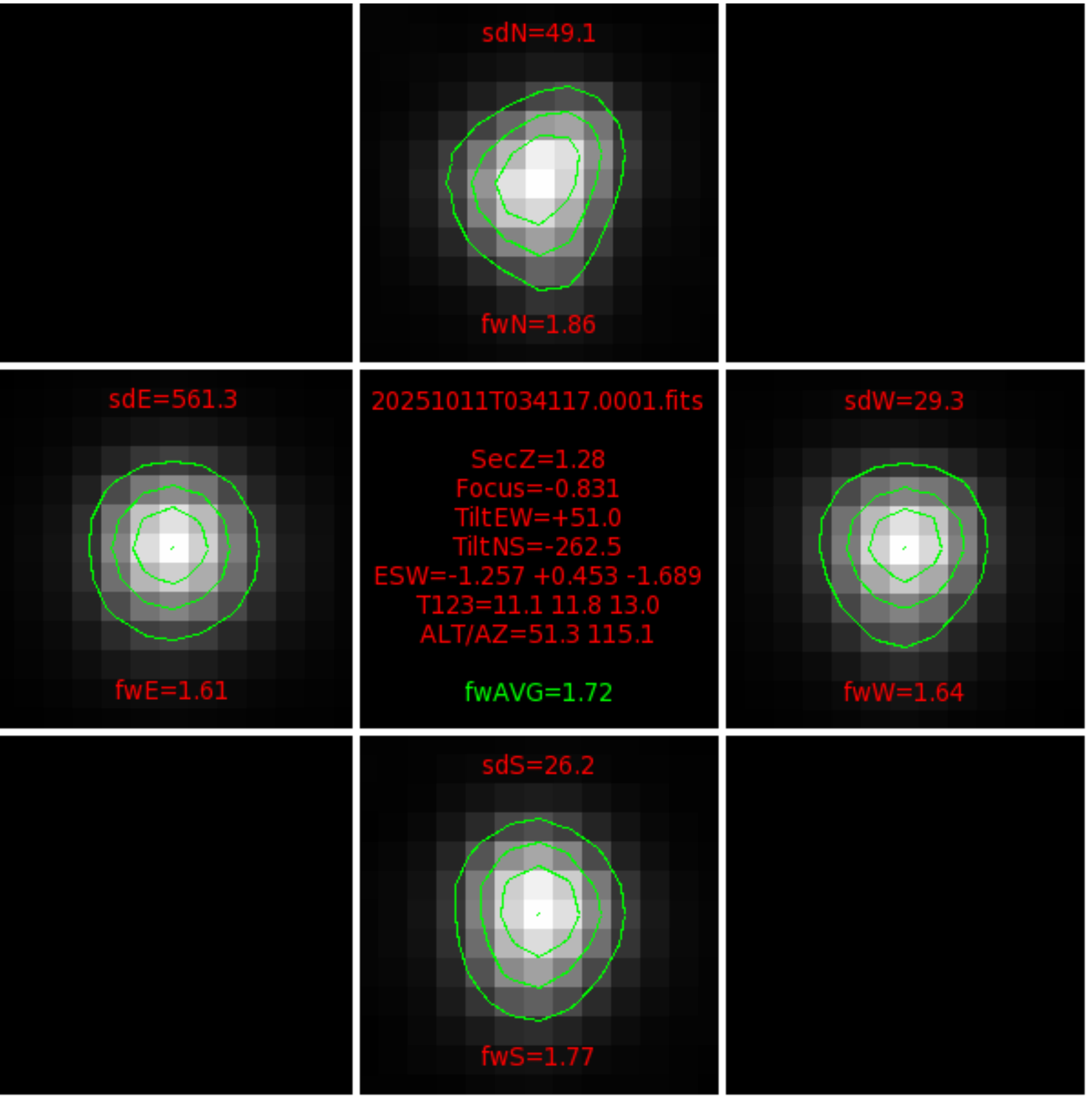

sdN=147.7
fwN=1.76
sdE=143.5
fwE=1.64
20251011T033626.0001.fits
SecZ=1.30
Focus=-0.838
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.264 +0.446 -1.696
T123=11.2 11.8 13.0
ALT/AZ=50.4 113.9
fwAVG=1.78
sdW=36.6
fwW=1.72
sdS=20.2
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=14.7
fwN=2.21
sdE=304.3
fwE=1.83
20251011T033654.0001.fits
SecZ=1.30
Focus=-0.831
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.257 +0.453 -1.689
T123=11.3 11.8 13.0
ALT/AZ=50.5 114.0
fwAVG=2.00
sdW=9.6
fwW=1.90
sdS=8.5
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=137.5
fwN=2.37
sdE=364.6
fwE=2.09
20251011T033841.0001.fits
SecZ=1.29
Focus=-0.831
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.257 +0.453 -1.689
T123=11.2 11.8 13.0
ALT/AZ=50.8 114.5
fwAVG=2.20
sdW=12.4
fwW=2.07
sdS=10.5
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=19.8
fwN=1.96
sdE=347.7
fwE=1.71
20251011T033910.0001.fits
SecZ=1.29
Focus=-0.831
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.257 +0.453 -1.689
T123=11.2 11.8 13.0
ALT/AZ=50.9 114.6
fwAVG=1.80
sdW=12.9
fwW=1.69
sdS=12.0
fwS=1.83
0 0 0 0 0 0 0 0 0


sdN=28.5
fwN=2.14
sdE=451.4
fwE=2.00
20251011T034049.0001.fits
SecZ=1.28
Focus=-0.831
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.257 +0.453 -1.689
T123=11.1 11.7 13.0
ALT/AZ=51.3 115.0
fwAVG=2.07
sdW=17.3
fwW=2.02
sdS=16.2
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=49.1
fwN=1.86
sdE=561.3
fwE=1.61
20251011T034117.0001.fits
SecZ=1.28
Focus=-0.831
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.257 +0.453 -1.689
T123=11.1 11.8 13.0
ALT/AZ=51.3 115.1
fwAVG=1.72
sdW=29.3
fwW=1.64
sdS=26.2
fwS=1.77
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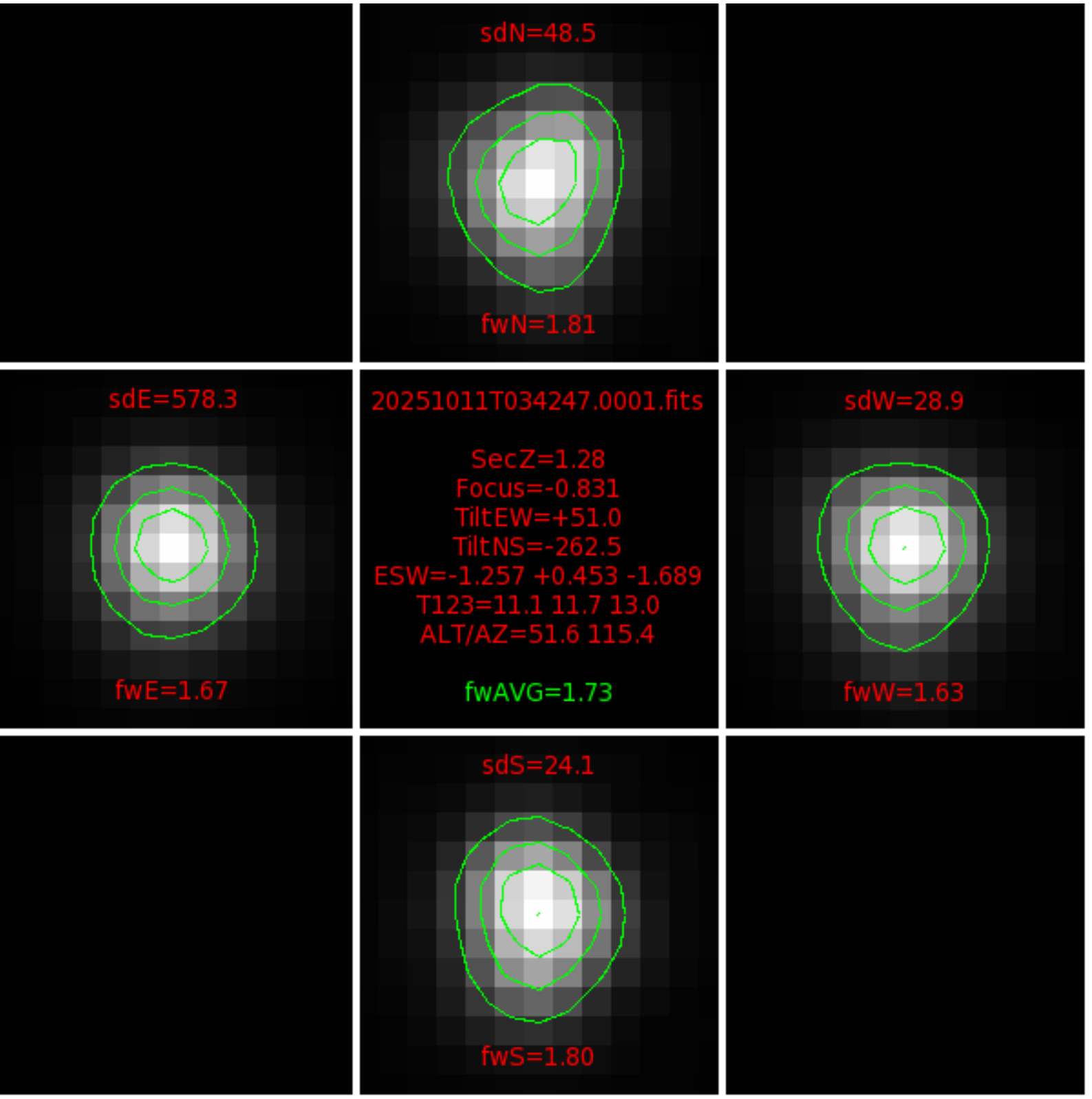
sdN=48.5
fwN=1.81
sdE=578.3
fwE=1.67
20251011T034247.0001.fits
SecZ=1.28
Focus=-0.831
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.257 +0.453 -1.689
T123=11.1 11.7 13.0
ALT/AZ=51.6 115.4
fwAVG=1.73
sdW=28.9
fwW=1.63
sdS=24.1
fwS=1.80
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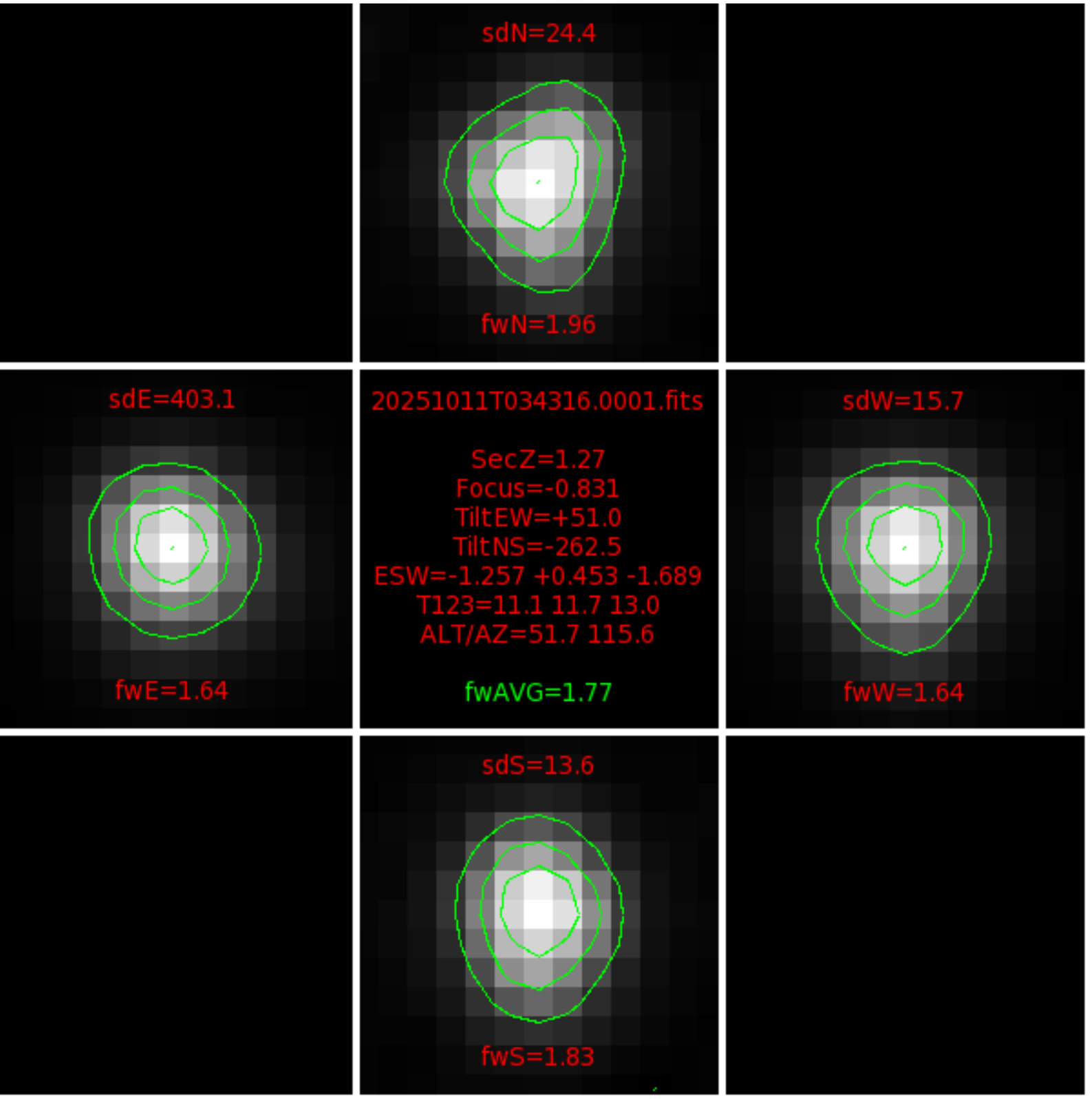
sdN=24.4
fwN=1.96
sdE=403.1
fwE=1.64
20251011T034316.0001.fits
SecZ=1.27
Focus=-0.831
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.257 +0.453 -1.689
T123=11.1 11.7 13.0
ALT/AZ=51.7 115.6
fwAVG=1.77
sdW=15.7
fwW=1.64
sdS=13.6
fwS=1.83
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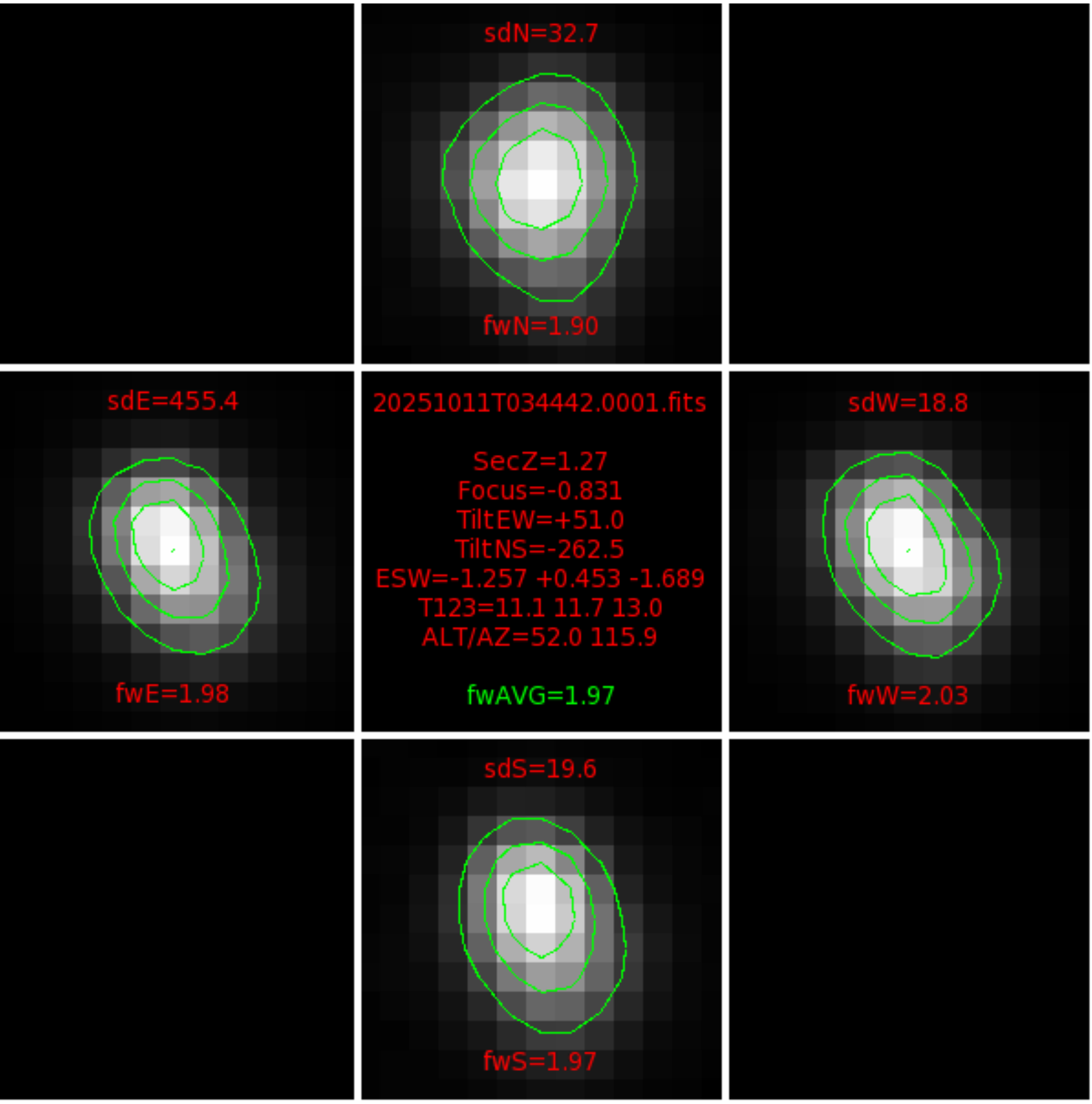
sdN=32.7
fwN=1.90
sdE=455.4
fwE=1.98
20251011T034442.0001.fits
SecZ=1.27
Focus=-0.831
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.257 +0.453 -1.689
T123=11.1 11.7 13.0
ALT/AZ=52.0 115.9
fwAVG=1.97
sdW=18.8
fwW=2.03
sdS=19.6
fwS=1.97
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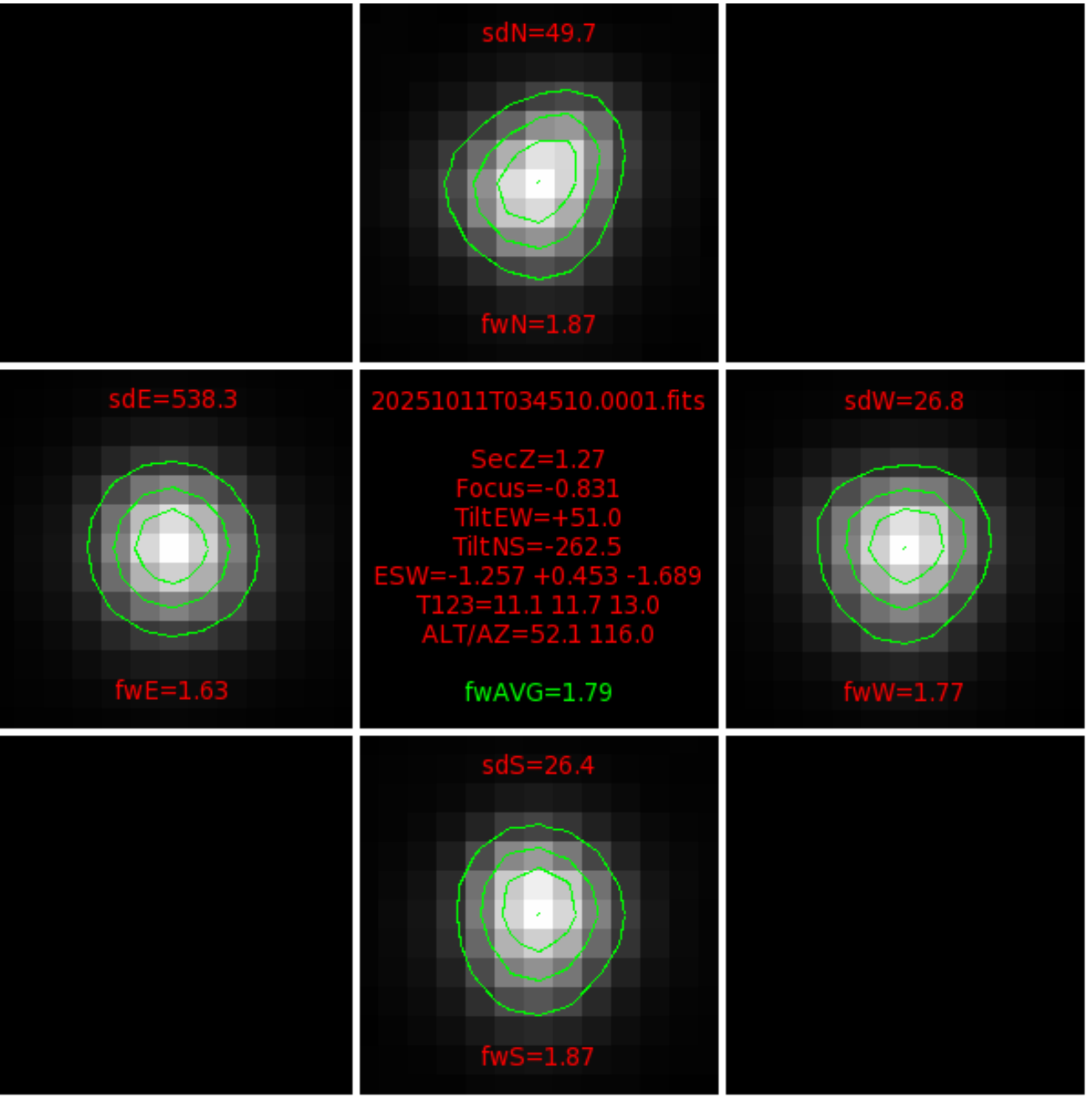
sdN=49.7
fwN=1.87
sdE=538.3
fwE=1.63
20251011T034510.0001.fits
SecZ=1.27
Focus=-0.831
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.257 +0.453 -1.689
T123=11.1 11.7 13.0
ALT/AZ=52.1 116.0
fwAVG=1.79
sdW=26.8
fwW=1.77
sdS=26.4
fwS=1.87
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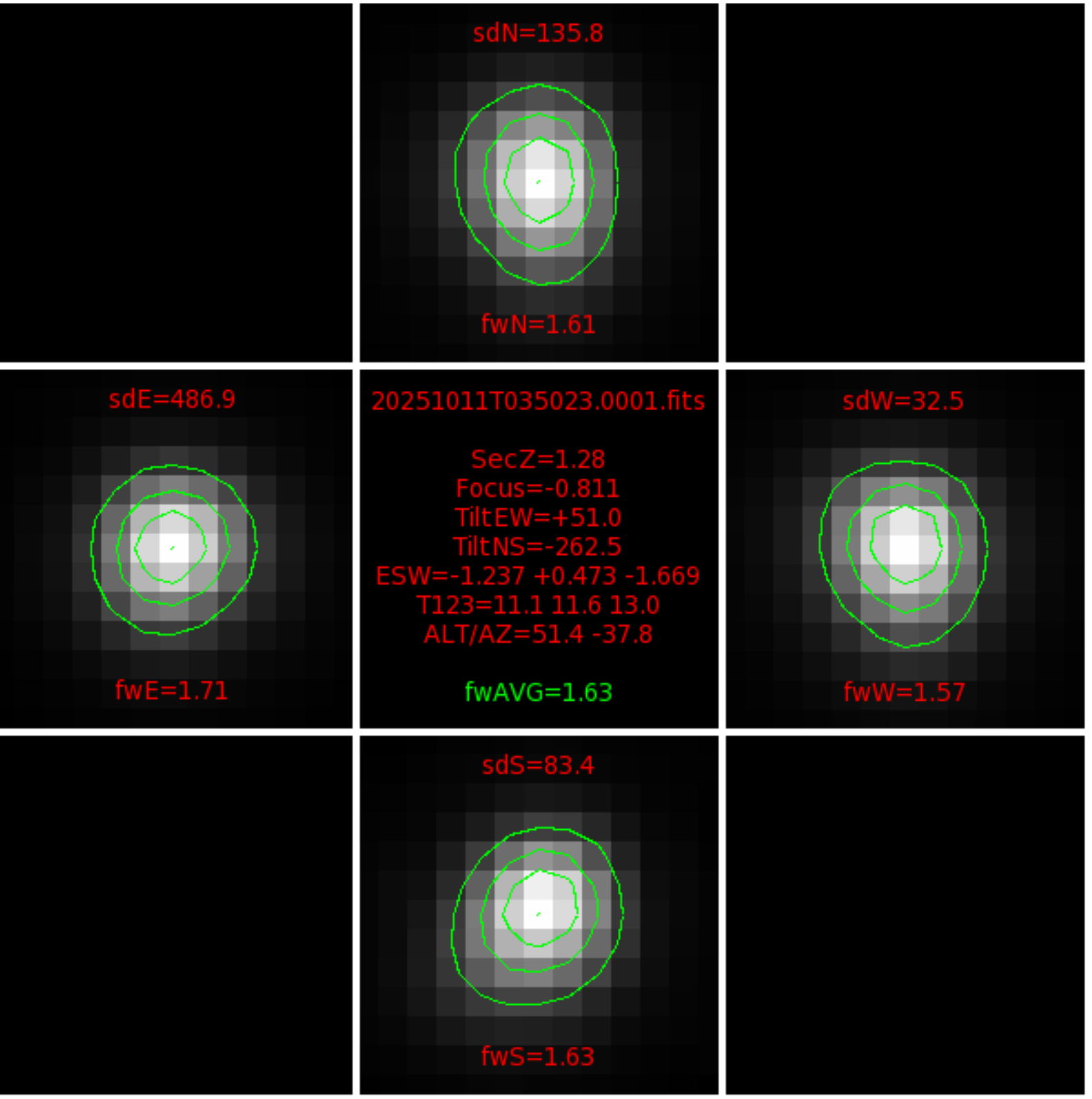
sdN=135.8
fwN=1.61
sdE=486.9
fwE=1.71
20251011T035023.0001.fits
SecZ=1.28
Focus=-0.811
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.237 +0.473 -1.669
T123=11.1 11.6 13.0
ALT/AZ=51.4 -37.8
fwAVG=1.63
sdW=32.5
fwW=1.57
sdS=83.4
fwS=1.63
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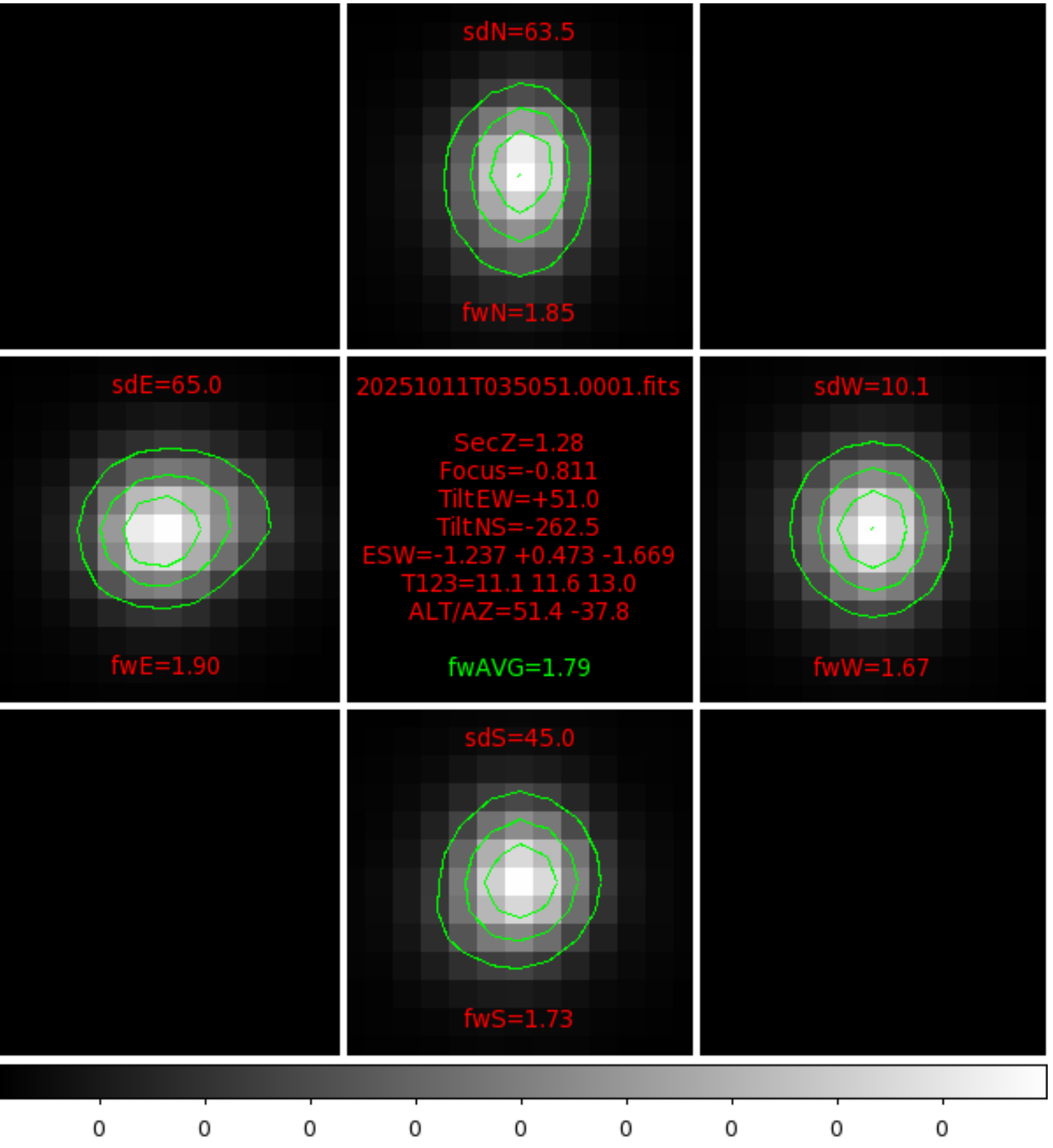
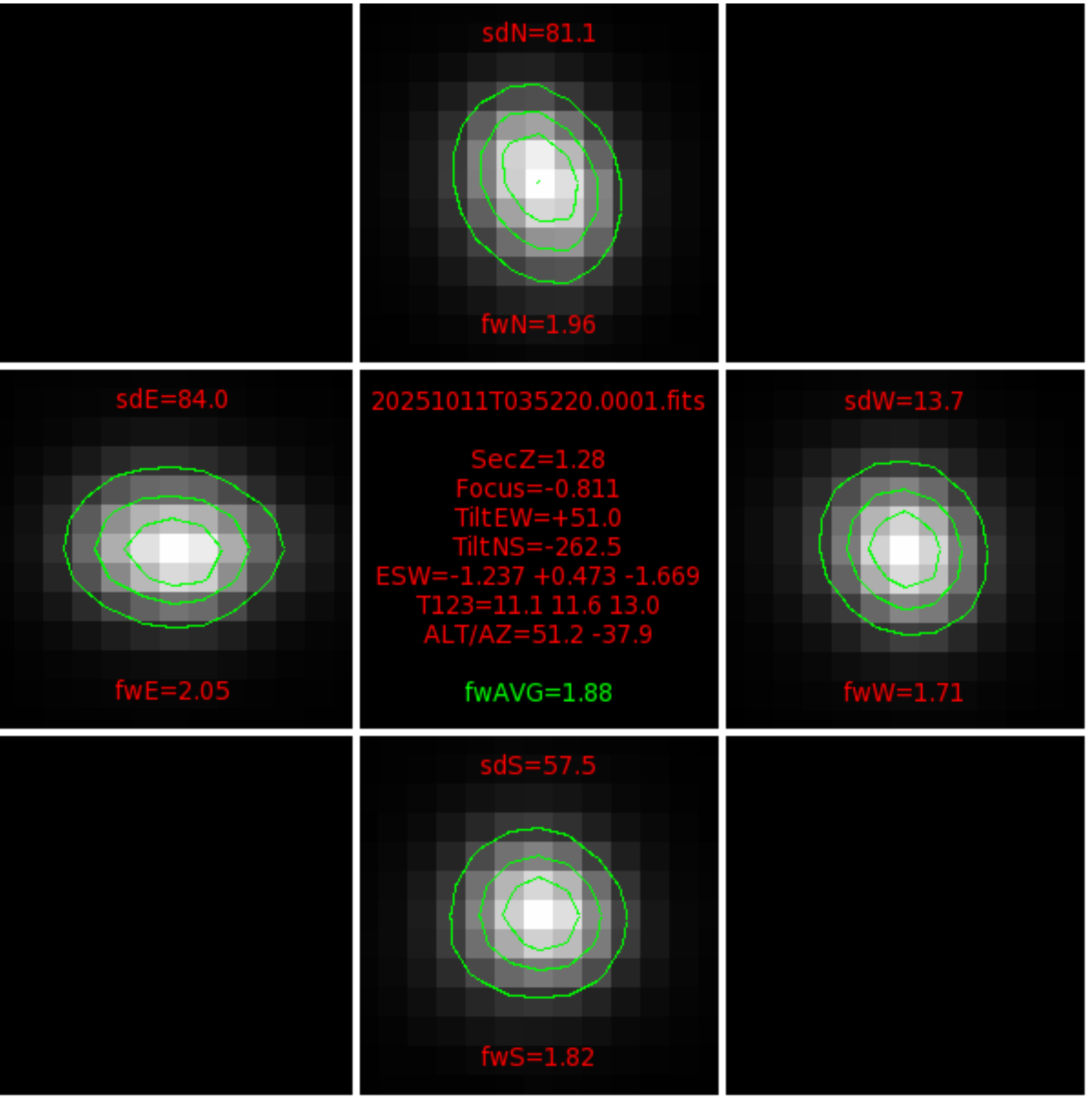
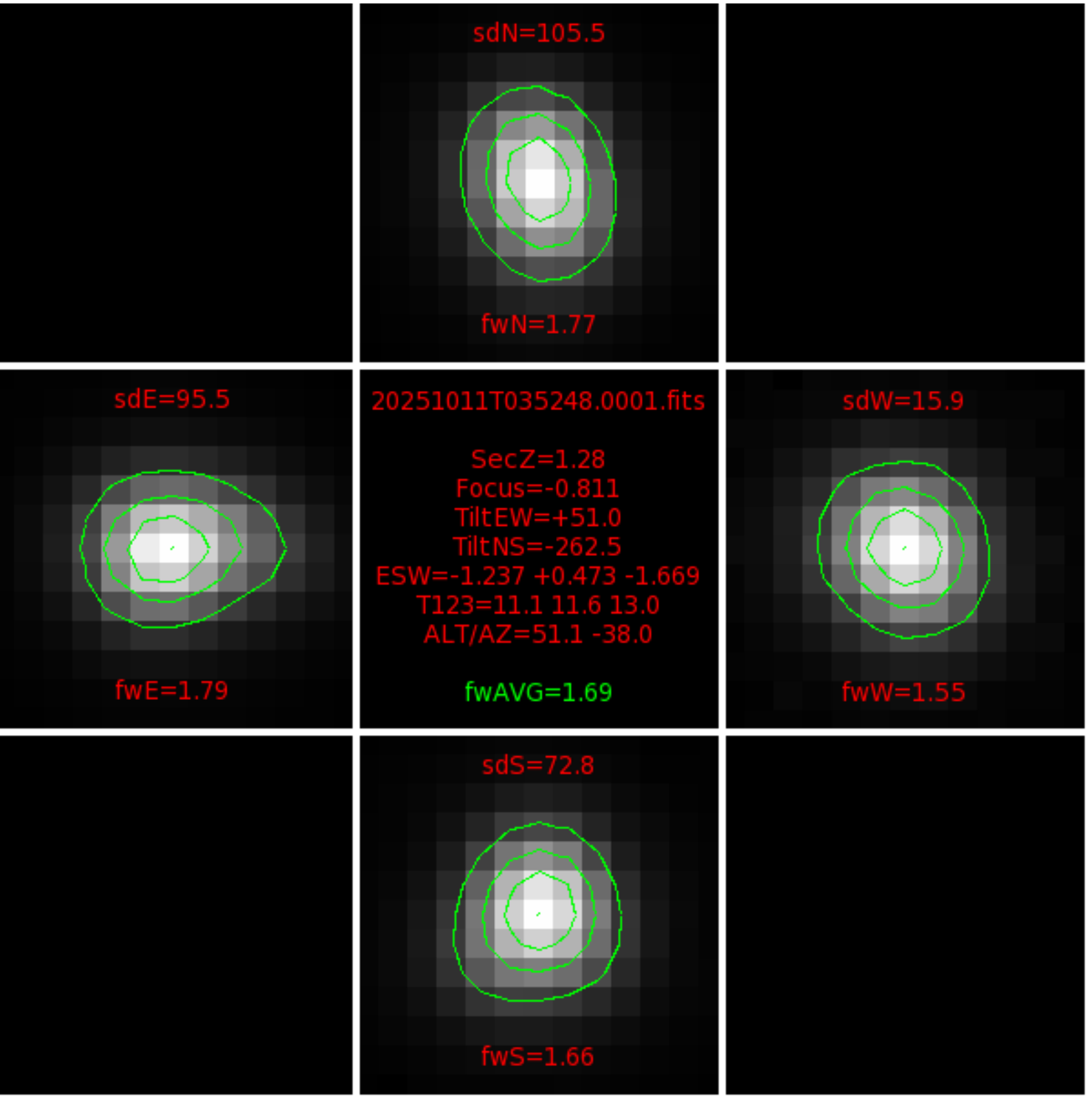
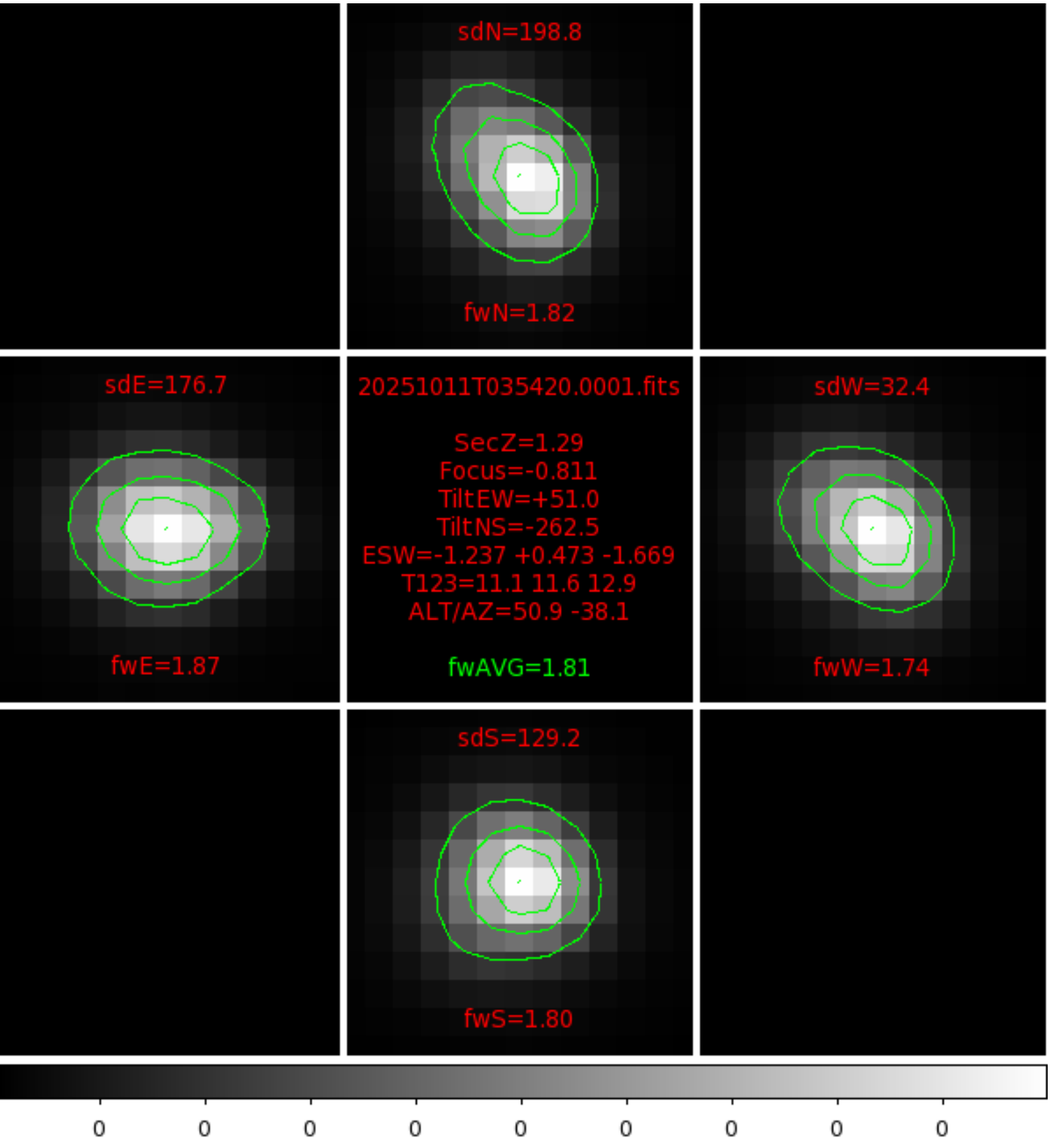
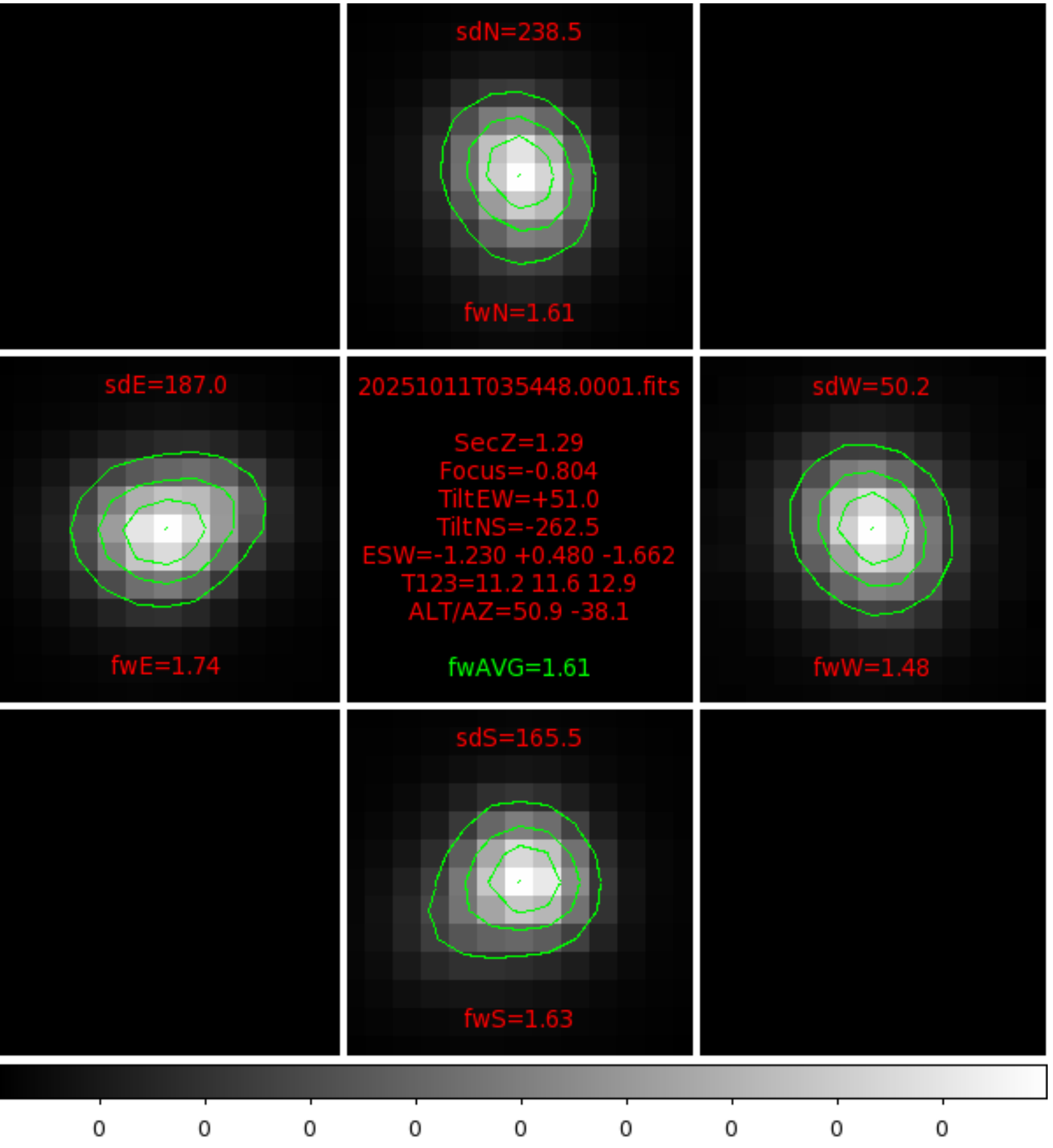
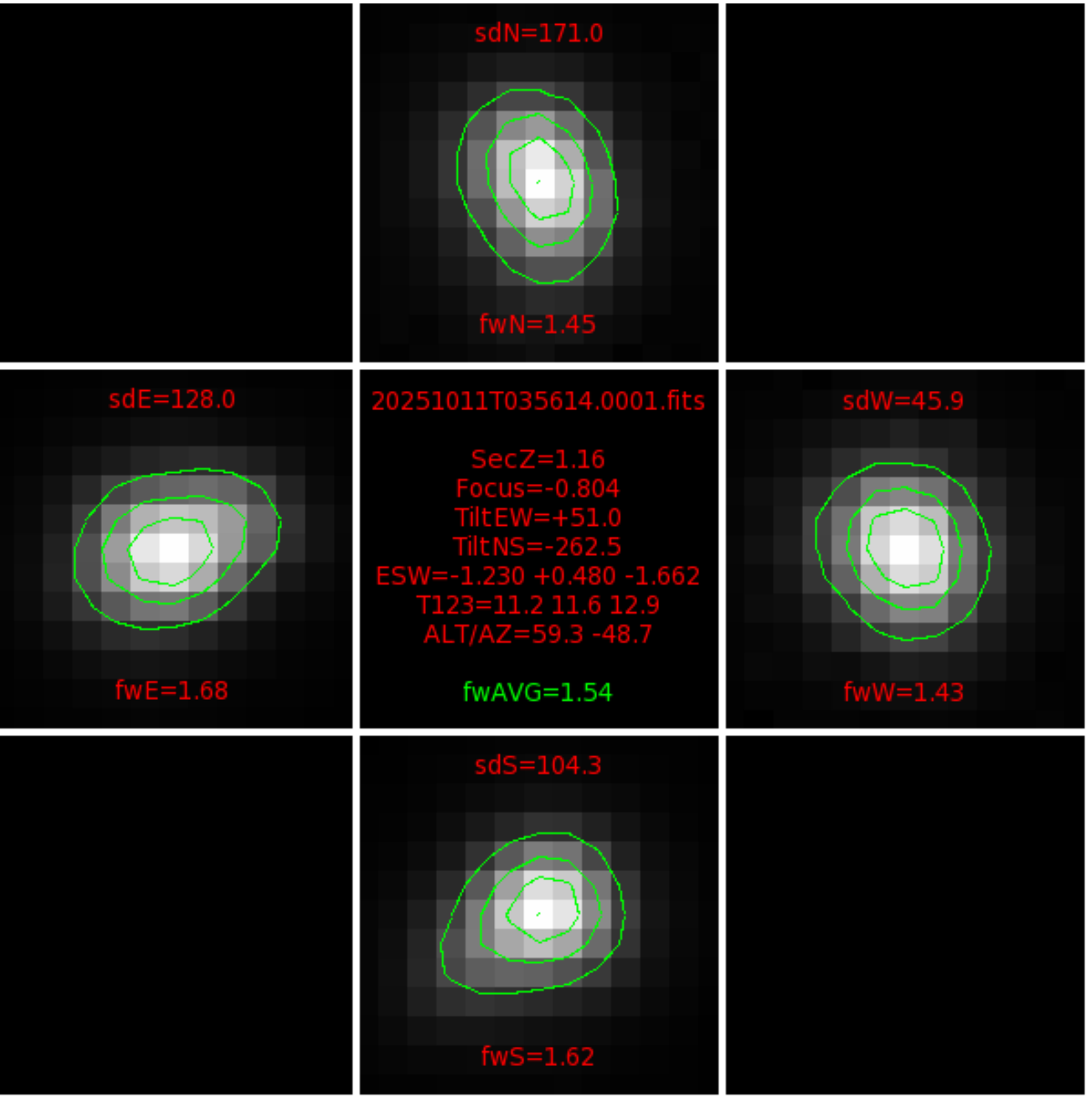

sdN=63.5
fwN=1.85
sdE=65.0
fwE=1.90
20251011T035051.0001.fits
SecZ=1.28
Focus=-0.811
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.237 +0.473 -1.669
T123=11.1 11.6 13.0
ALT/AZ=51.4 -37.8
fwAVG=1.79
sdW=10.1
fwW=1.67
sdS=45.0
fwS=1.73
0 0 0 0 0 0 0 0 0

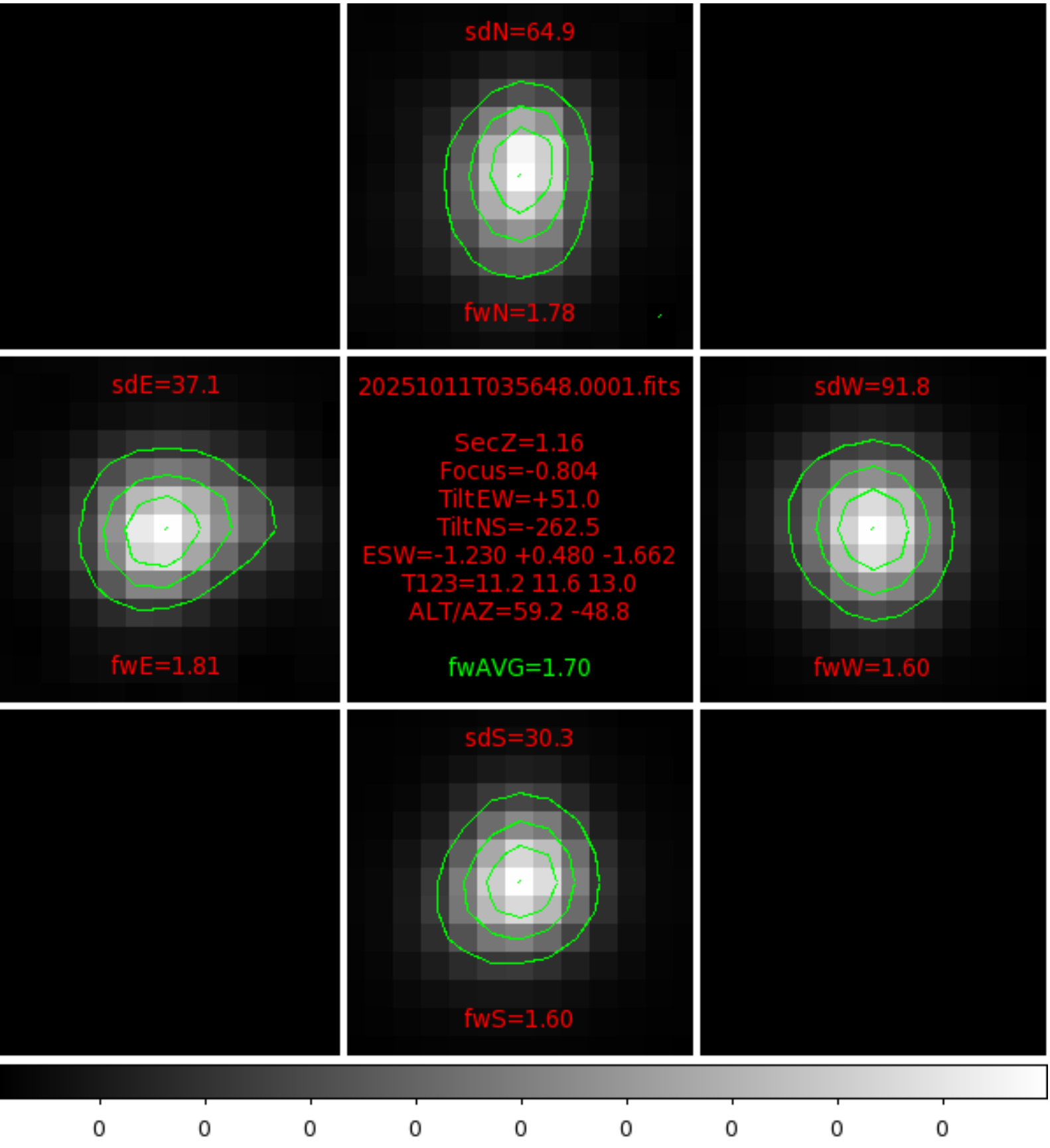

sdN=81.1
fwN=1.96
sdE=84.0
fwE=2.05
20251011T035220.0001.fits
SecZ=1.28
Focus=-0.811
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.237 +0.473 -1.669
T123=11.1 11.6 13.0
ALT/AZ=51.2 -37.9
fwAVG=1.88
sdW=13.7
fwW=1.71
sdS=57.5
fwS=1.82
0 0 0 0 0 0 0 0 0

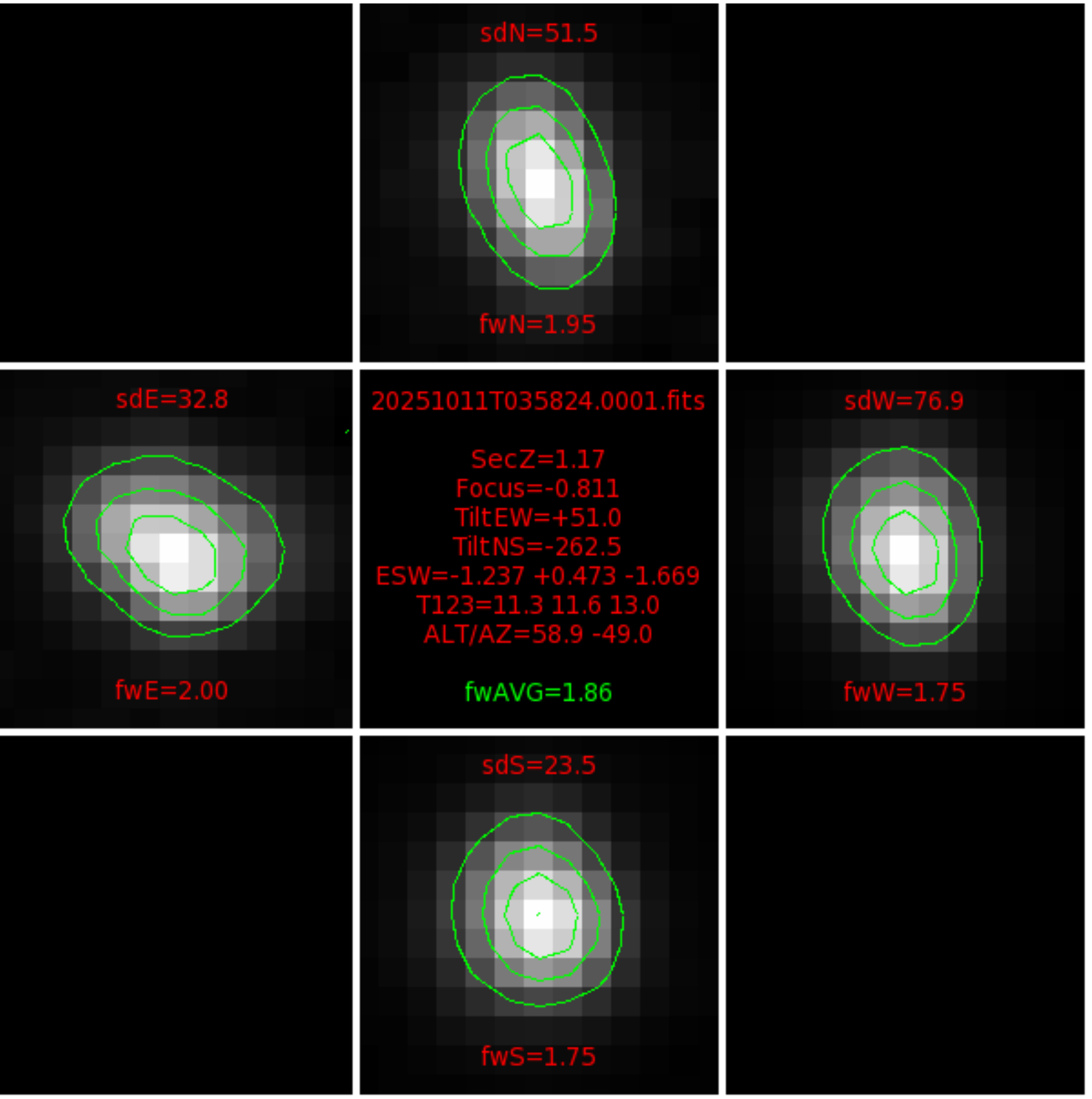

sdN=105.5
fwN=1.77
sdE=95.5
fwE=1.79
20251011T035248.0001.fits
SecZ=1.28
Focus=-0.811
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.237 +0.473 -1.669
T123=11.1 11.6 13.0
ALT/AZ=51.1 -38.0
fwAVG=1.69
sdW=15.9
fwW=1.55
sdS=72.8
fwS=1.66
0 0 0 0 0 0 0 0 0

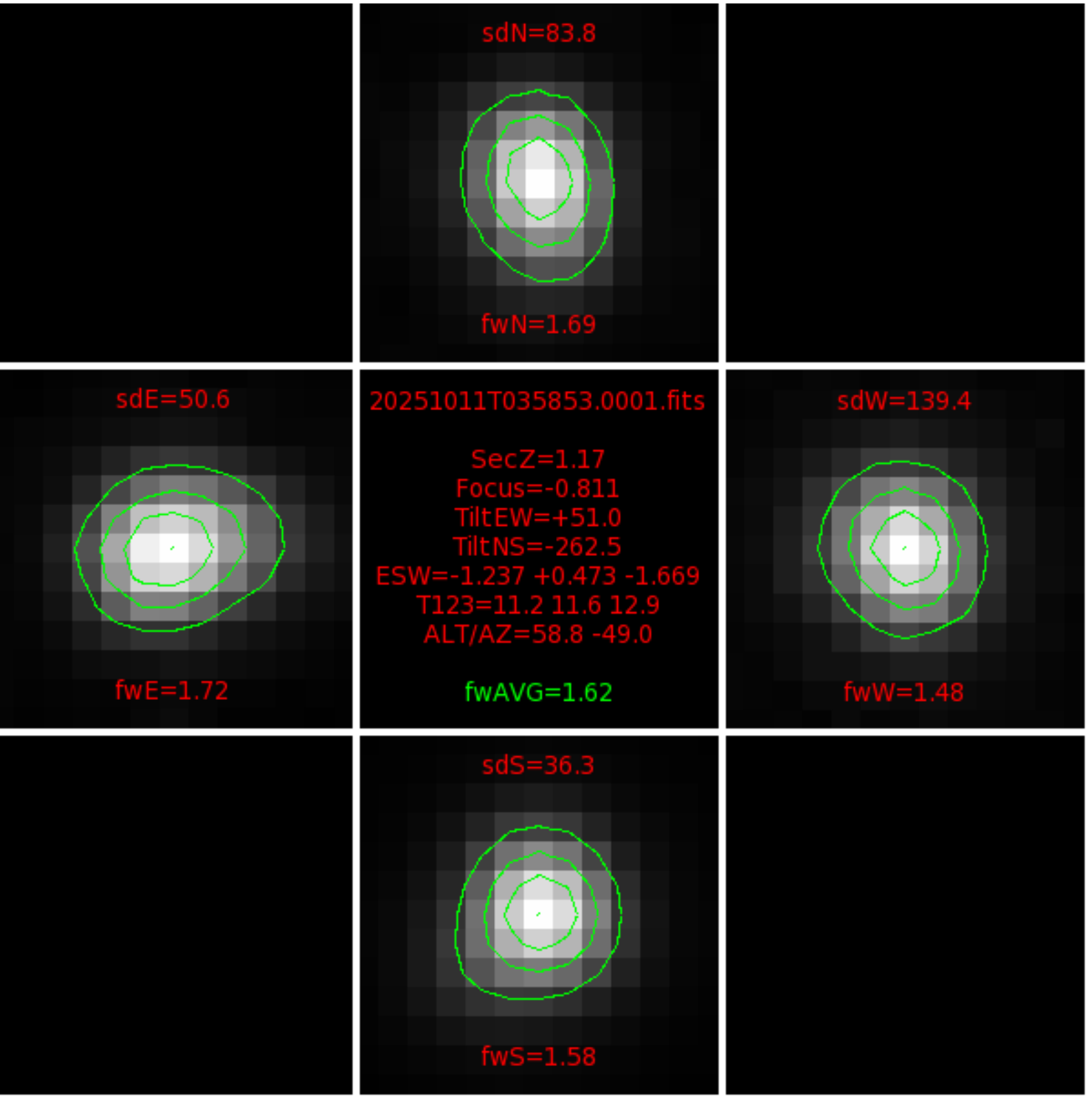

sdN=198.8
fwN=1.82
sdE=176.7
fwE=1.87
20251011T035420.0001.fits
SecZ=1.29
Focus=-0.811
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.237 +0.473 -1.669
T123=11.1 11.6 12.9
ALT/AZ=50.9 -38.1
fwAVG=1.81
sdW=32.4
fwW=1.74
sdS=129.2
fwS=1.80
0 0 0 0 0 0 0 0 0

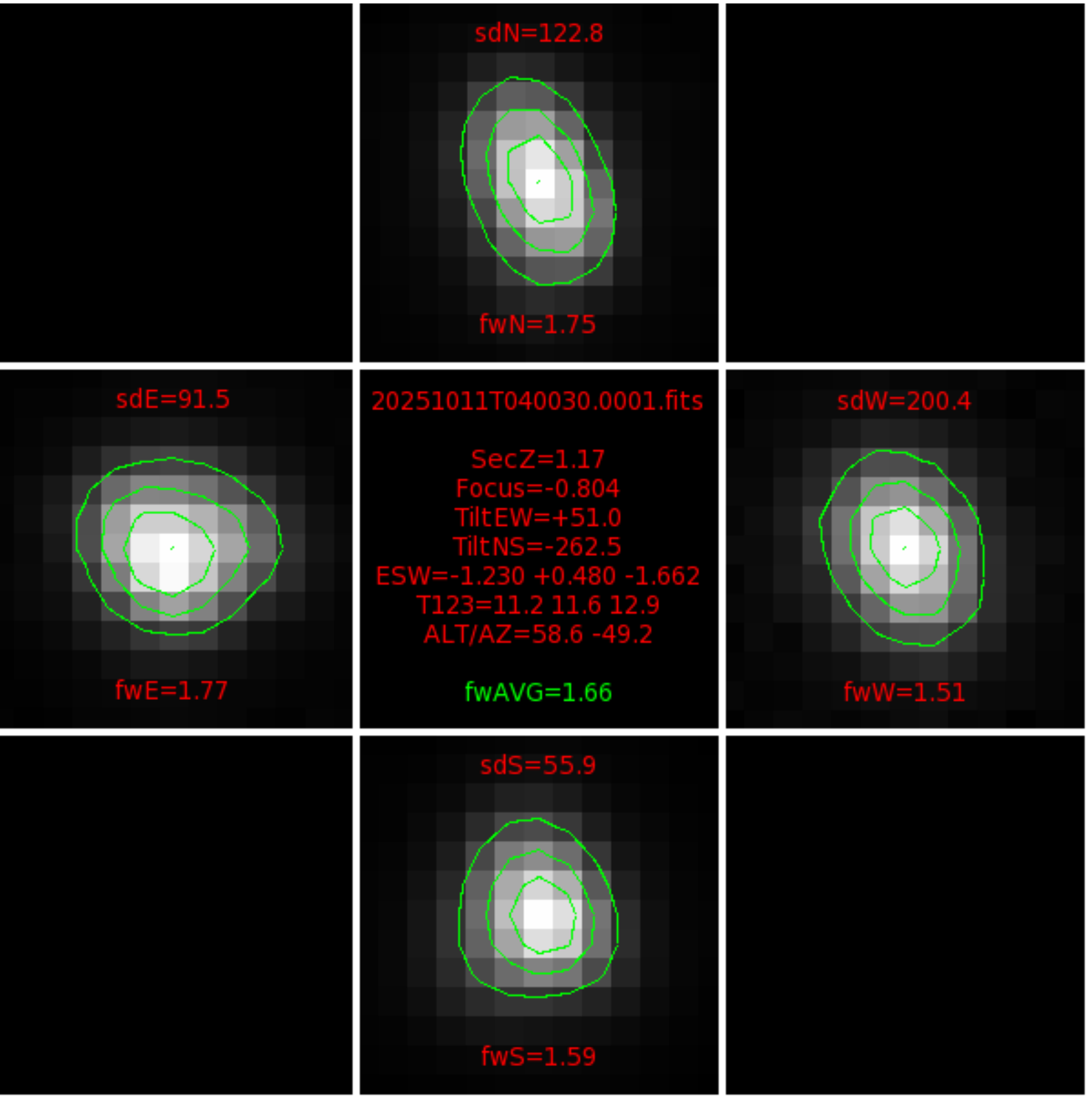

sdN=238.5
fwN=1.61
sdE=187.0
fwE=1.74
20251011T035448.0001.fits
SecZ=1.29
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.2 11.6 12.9
ALT/AZ=50.9 -38.1
fwAVG=1.61
sdW=50.2
fwW=1.48
sdS=165.5
fwS=1.63
0 0 0 0 0 0 0 0 0

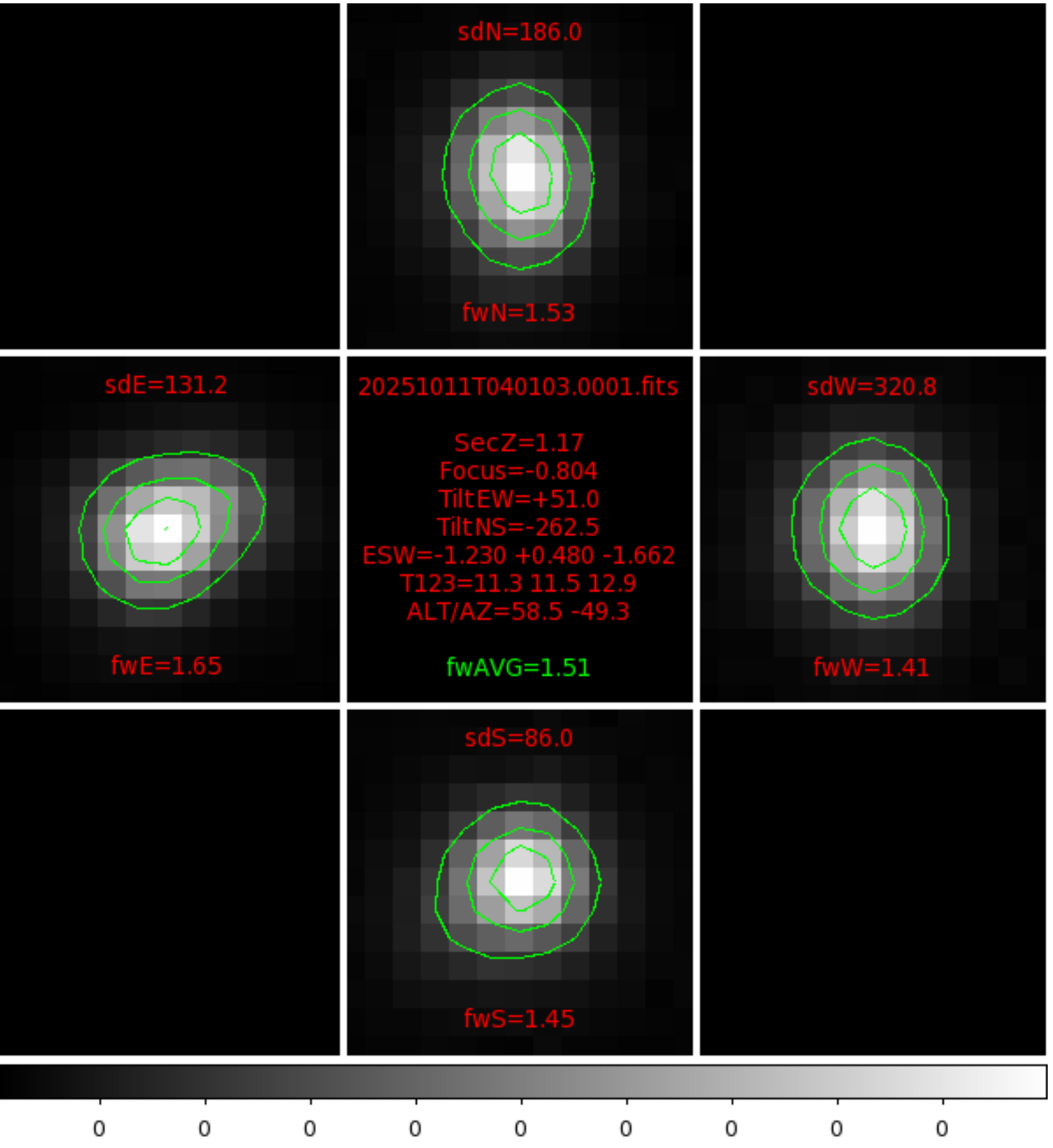

sdN=171.0
fwN=1.45
sdE=128.0
fwE=1.68
20251011T035614.0001.fits
SecZ=1.16
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.2 11.6 12.9
ALT/AZ=59.3 -48.7
fwAVG=1.54
sdW=45.9
fwW=1.43
sdS=104.3
fwS=1.62
0 0 0 0 0 0 0 0 0

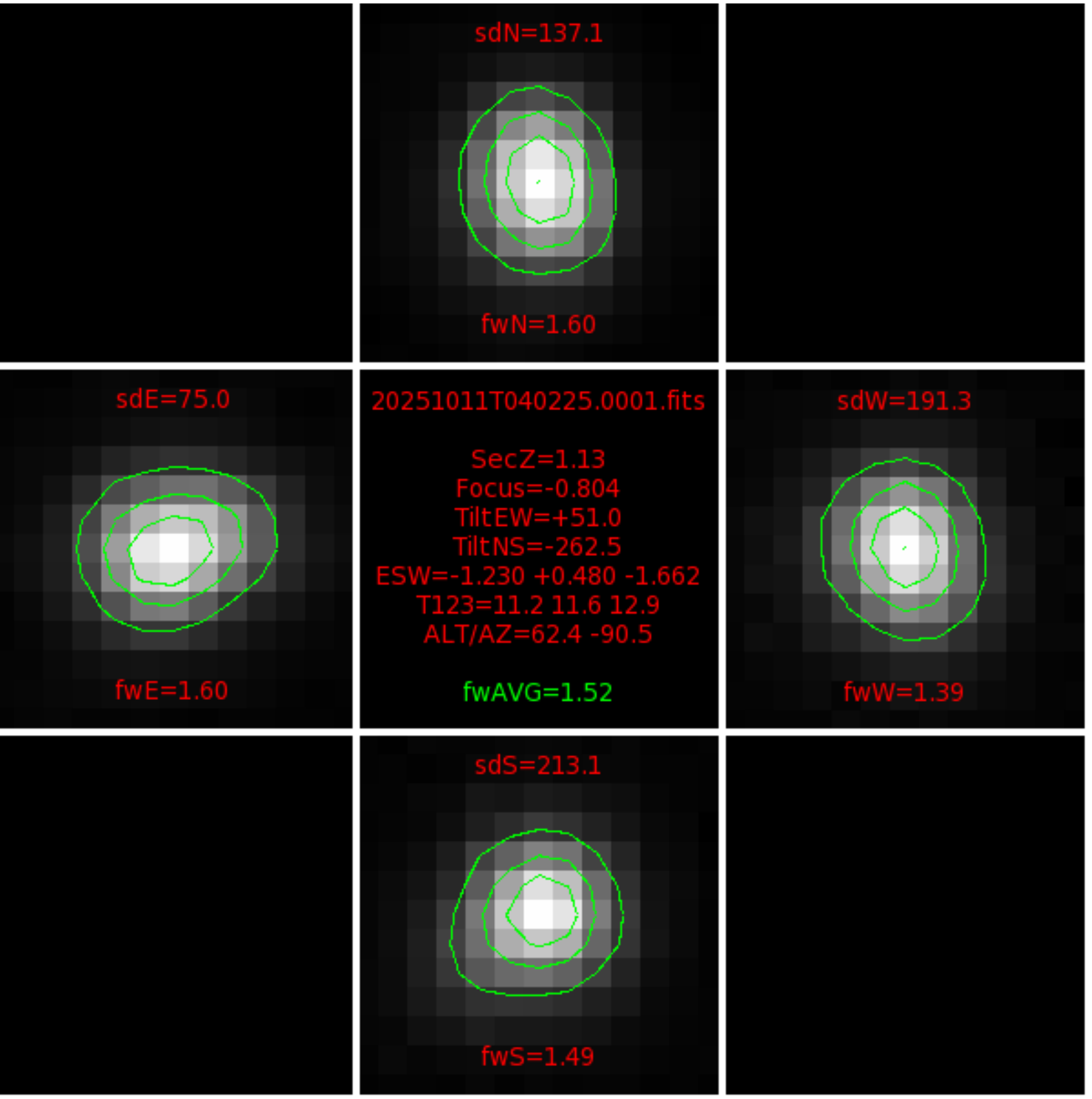

sdN=64.9
fwN=1.78
sdE=37.1
fwE=1.81
20251011T035648.0001.fits
SecZ=1.16
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.2 11.6 13.0
ALT/AZ=59.2 -48.8
fwAVG=1.70
sdW=91.8
fwW=1.60
sdS=30.3
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=51.5
fwN=1.95
sdE=32.8
fwE=2.00
20251011T035824.0001.fits
SecZ=1.17
Focus=-0.811
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.237 +0.473 -1.669
T123=11.3 11.6 13.0
ALT/AZ=58.9 -49.0
fwAVG=1.86
sdW=76.9
fwW=1.75
sdS=23.5
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=83.8
fwN=1.69
sdE=50.6
fwE=1.72
20251011T035853.0001.fits
SecZ=1.17
Focus=-0.811
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.237 +0.473 -1.669
T123=11.2 11.6 12.9
ALT/AZ=58.8 -49.0
fwAVG=1.62
sdW=139.4
fwW=1.48
sdS=36.3
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=122.8
fwN=1.75
sdE=91.5
fwE=1.77
20251011T040030.0001.fits
SecZ=1.17
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.2 11.6 12.9
ALT/AZ=58.6 -49.2
fwAVG=1.66
sdW=200.4
fwW=1.51
sdS=55.9
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=186.0
fwN=1.53
sdE=131.2
fwE=1.65
20251011T040103.0001.fits
SecZ=1.17
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.3 11.5 12.9
ALT/AZ=58.5 -49.3
fwAVG=1.51
sdW=320.8
fwW=1.41
sdS=86.0
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=137.1
fwN=1.60
sdE=75.0
fwE=1.60
20251011T040225.0001.fits
SecZ=1.13
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.2 11.6 12.9
ALT/AZ=62.4 -90.5
fwAVG=1.52
sdW=191.3
fwW=1.39
sdS=213.1
fwS=1.49
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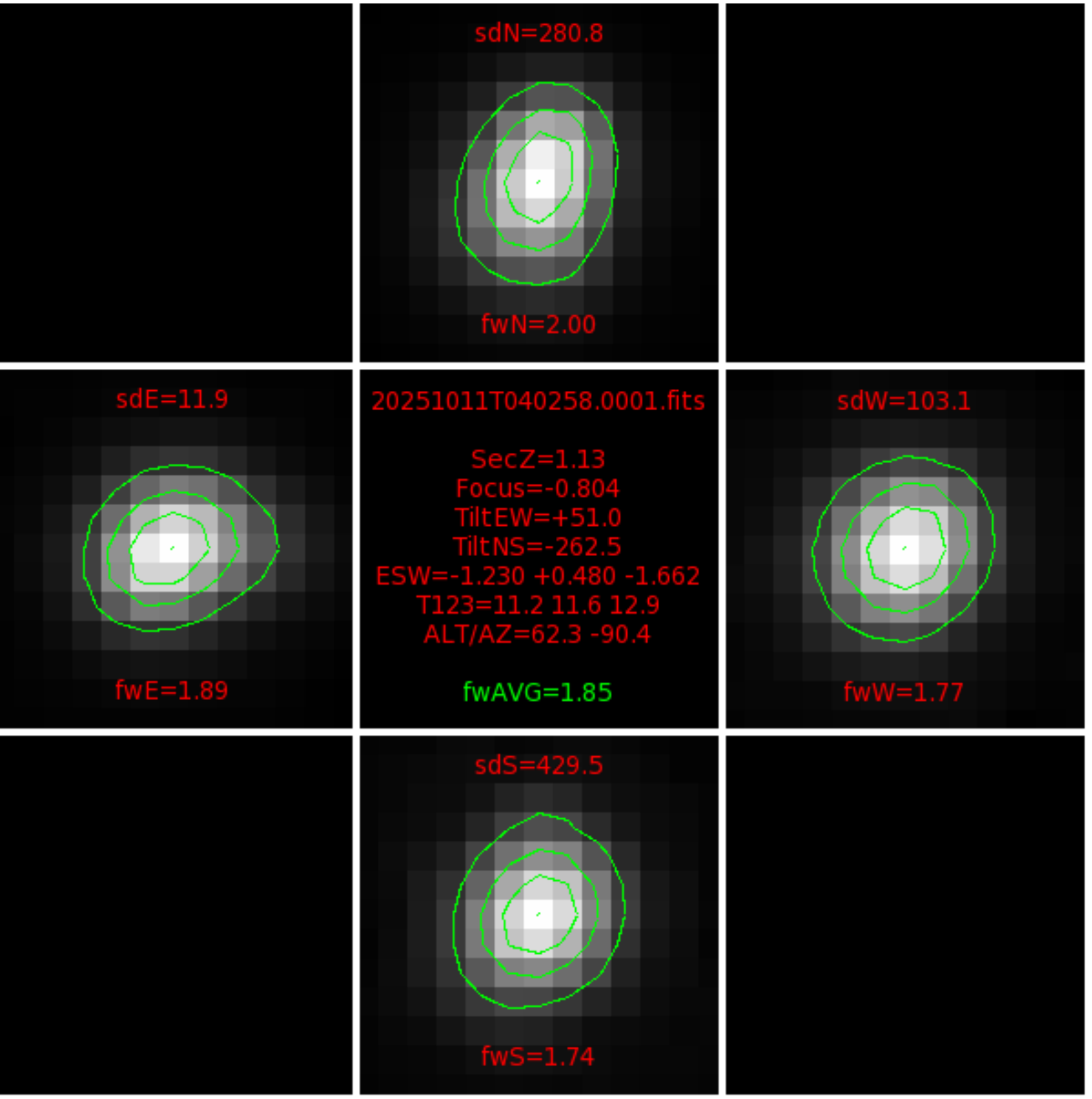
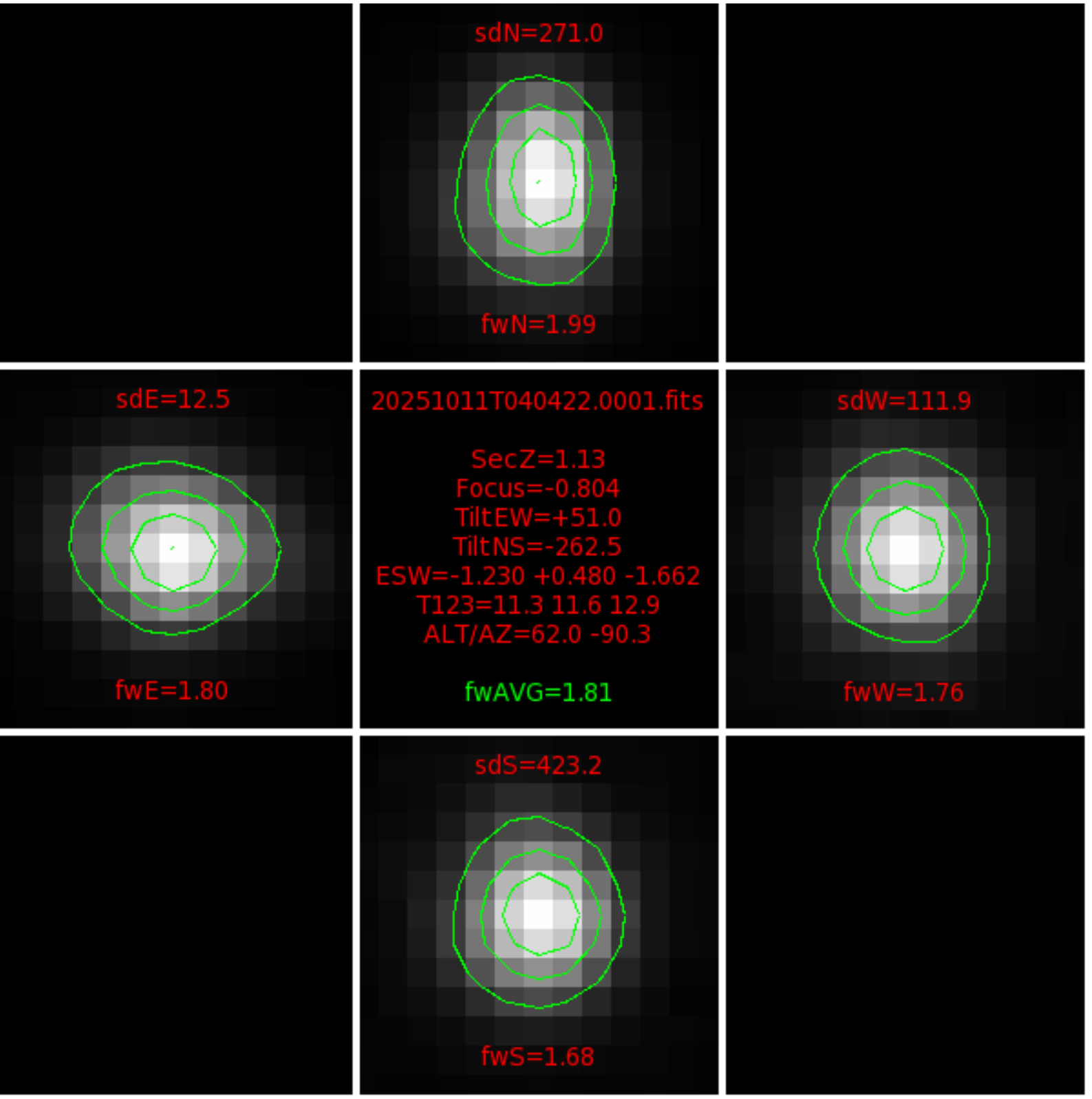
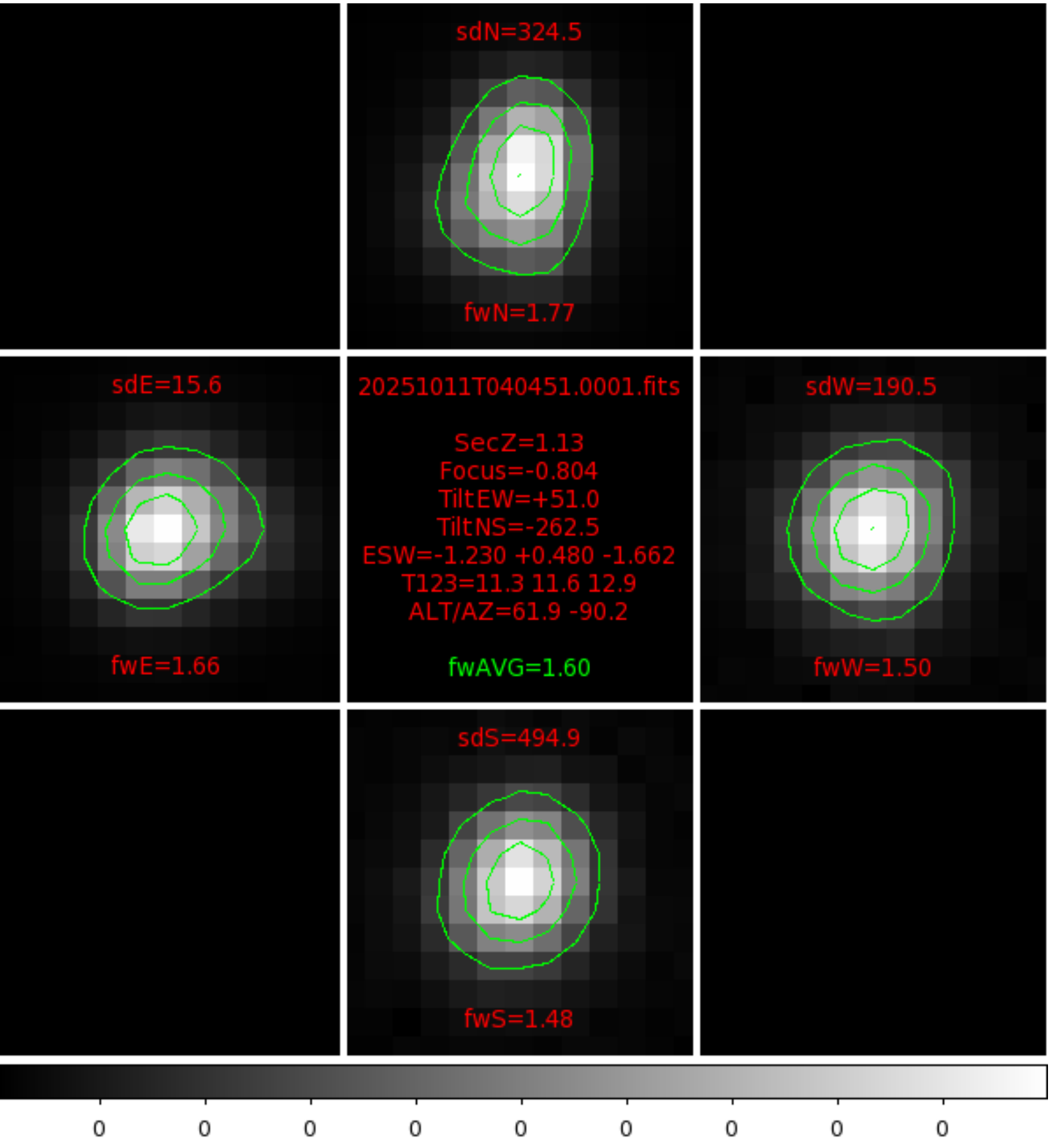

sdN=280.8
fwN=2.00
sdE=11.9
fwE=1.89
20251011T040258.0001.fits
SecZ=1.13
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.2 11.6 12.9
ALT/AZ=62.3 -90.4
fwAVG=1.85
sdW=103.1
fwW=1.77
sdS=429.5
fwS=1.74
0 0 0 0 0 0 0 0 0


sdN=271.0
fwN=1.99
sdE=12.5
fwE=1.80
20251011T040422.0001.fits
SecZ=1.13
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.3 11.6 12.9
ALT/AZ=62.0 -90.3
fwAVG=1.81
sdW=111.9
fwW=1.76
sdS=423.2
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=324.5
fwN=1.77
sdE=15.6
fwE=1.66
20251011T040451.0001.fits
SecZ=1.13
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.3 11.6 12.9
ALT/AZ=61.9 -90.2
fwAVG=1.60
sdW=190.5
fwW=1.50
sdS=494.9
fwS=1.48
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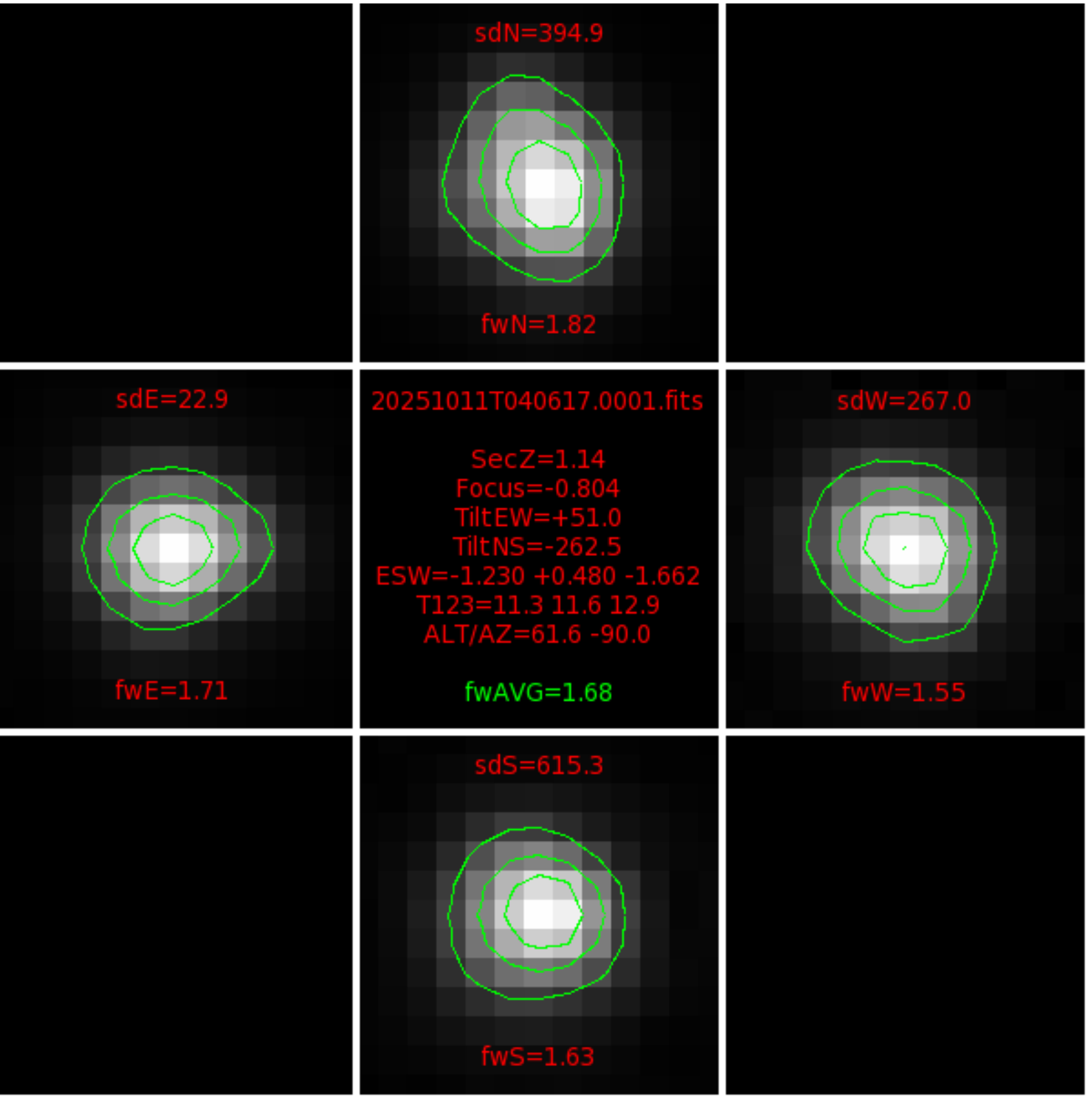
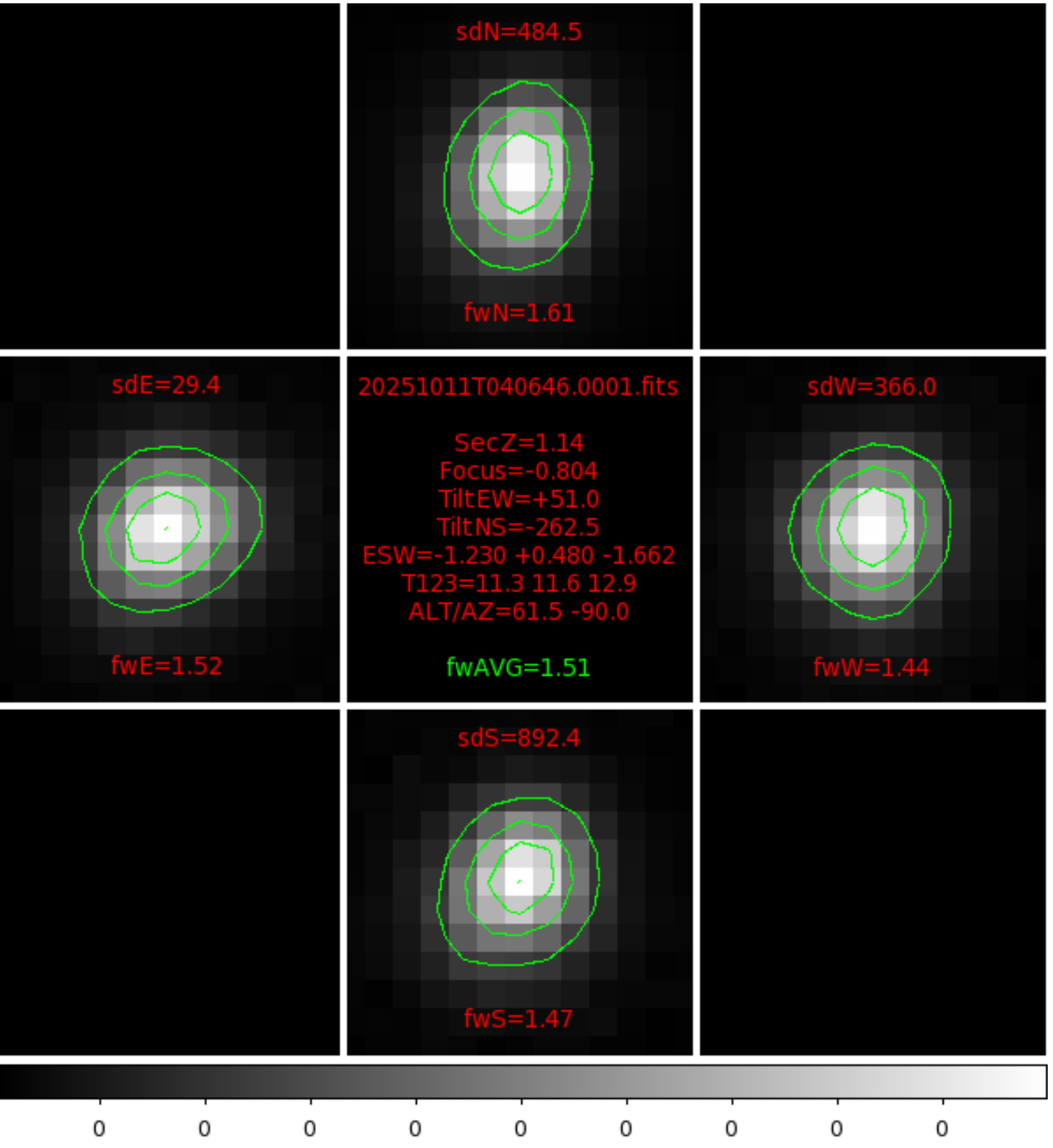
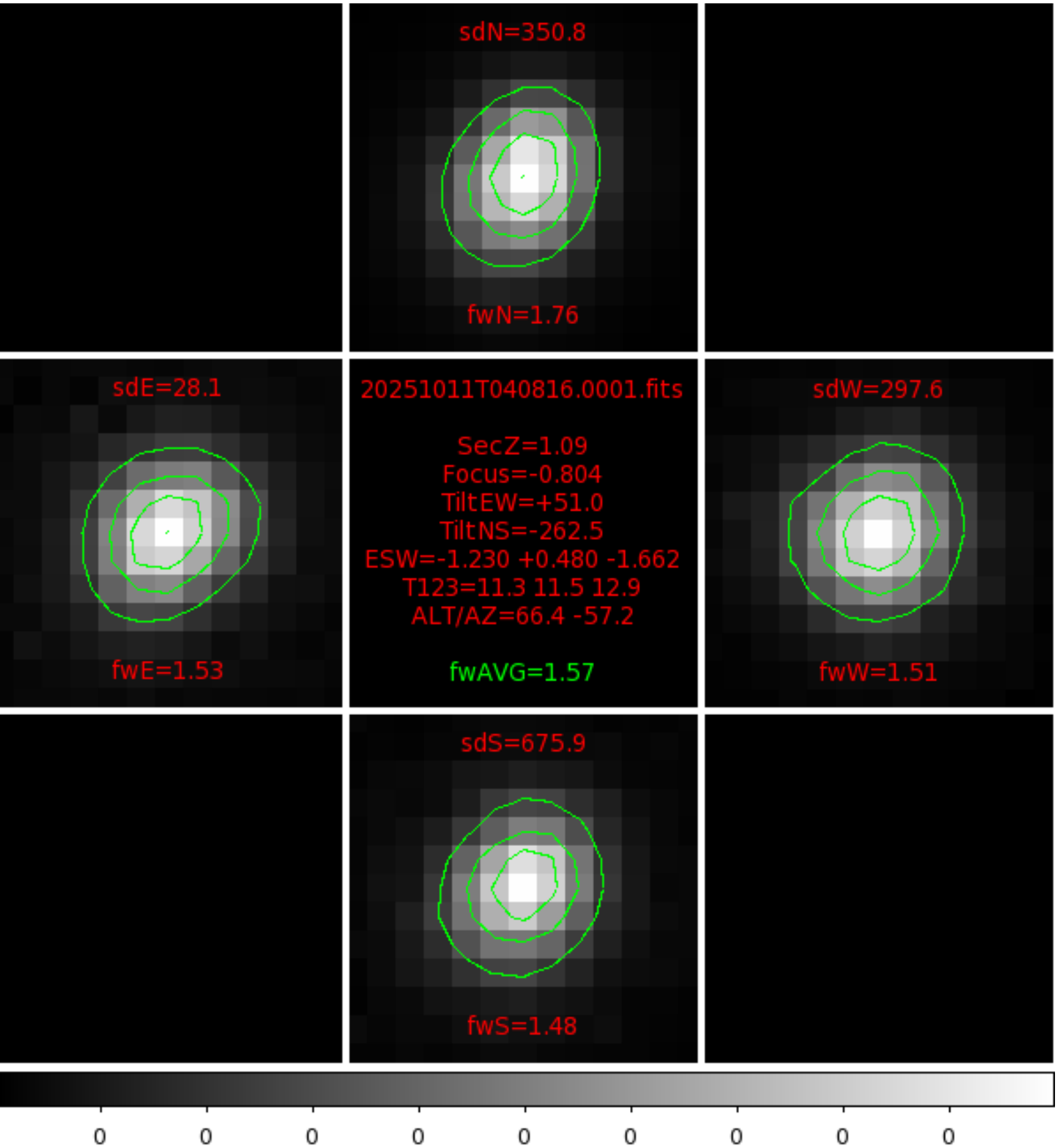

sdN=394.9
fwN=1.82
sdE=22.9
fwE=1.71
20251011T040617.0001.fits
SecZ=1.14
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.3 11.6 12.9
ALT/AZ=61.6 -90.0
fwAVG=1.68
sdW=267.0
fwW=1.55
sdS=615.3
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=484.5
fwN=1.61
sdE=29.4
fwE=1.52
20251011T040646.0001.fits
SecZ=1.14
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.3 11.6 12.9
ALT/AZ=61.5 -90.0
fwAVG=1.51
sdW=366.0
fwW=1.44
sdS=892.4
fwS=1.47
0 0 0 0 0 0 0 0 0


sdN=350.8
fwN=1.76
sdE=28.1
fwE=1.53
20251011T040816.0001.fits
SecZ=1.09
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.3 11.5 12.9
ALT/AZ=66.4 -57.2
fwAVG=1.57
sdW=297.6
fwW=1.51
sdS=675.9
fwS=1.48
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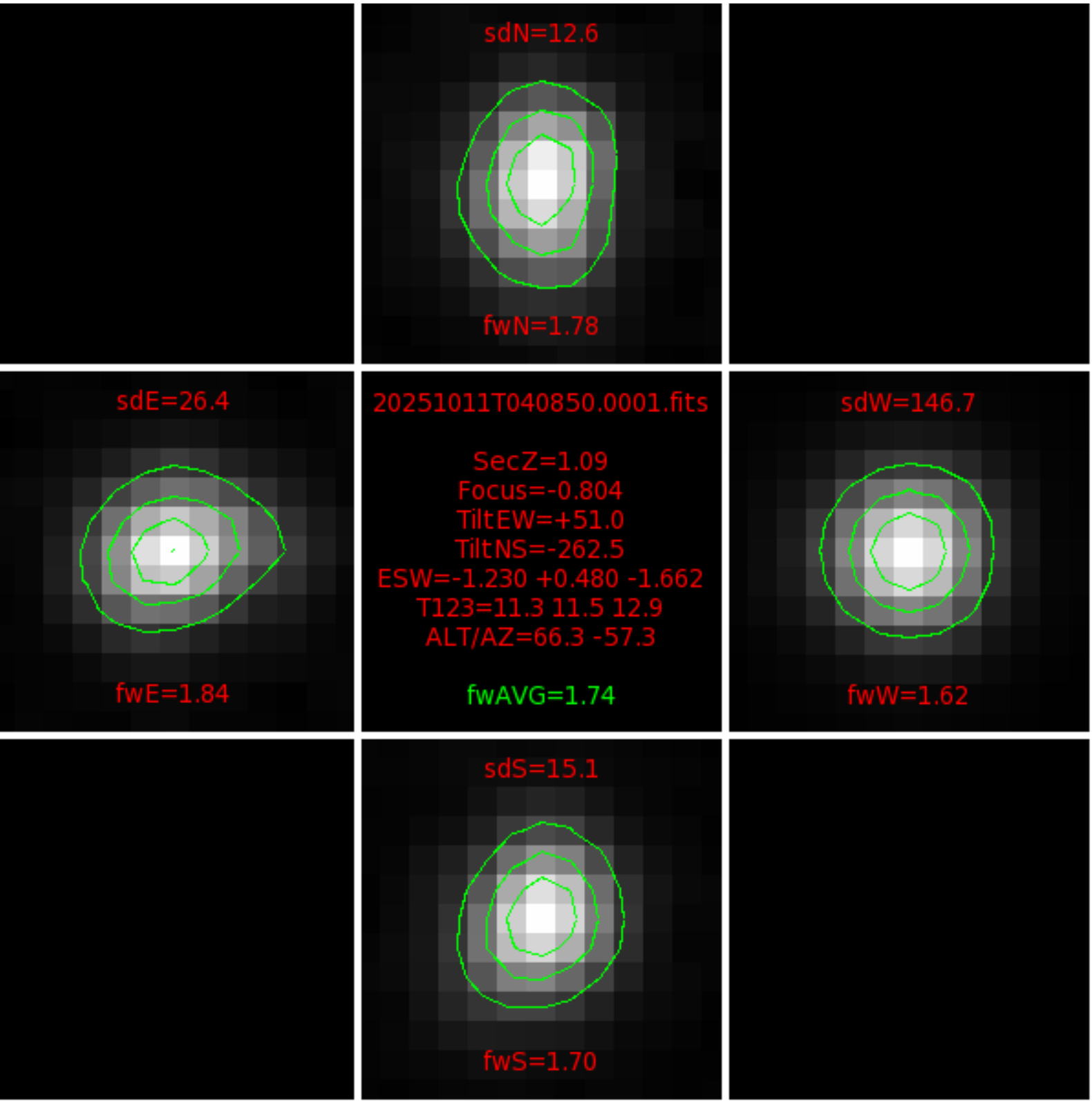
sdN=12.6
fwN=1.78
sdE=26.4
fwE=1.84
20251011T040850.0001.fits
SecZ=1.09
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.3 11.5 12.9
ALT/AZ=66.3 -57.3
fwAVG=1.74
sdW=146.7
fwW=1.62
sdS=15.1
fwS=1.70
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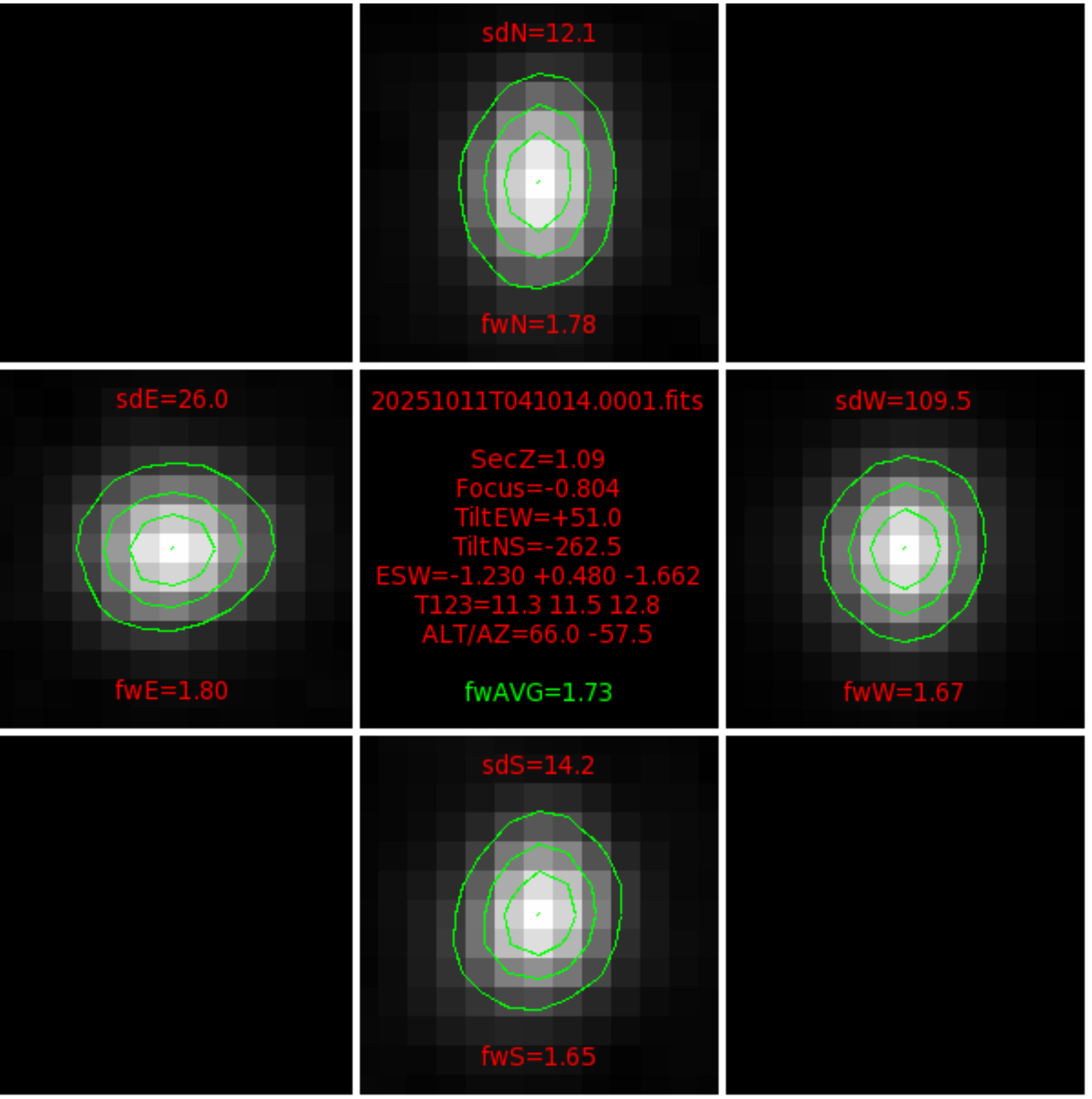
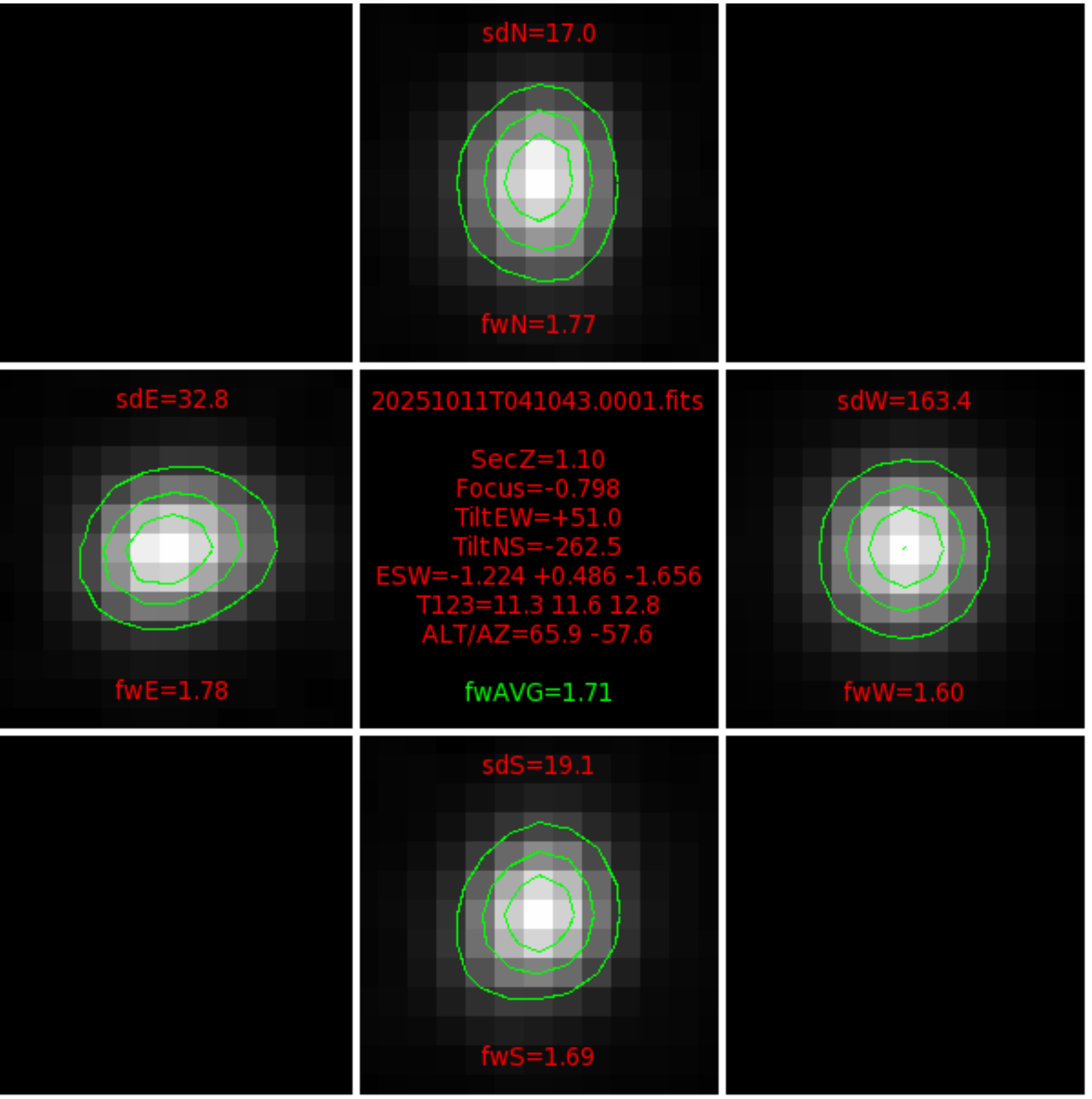

sdN=12.1
fwN=1.78
sdE=26.0
fwE=1.80
20251011T041014.0001.fits
SecZ=1.09
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.3 11.5 12.8
ALT/AZ=66.0 -57.5
fwAVG=1.73
sdW=109.5
fwW=1.67
sdS=14.2
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=17.0
fwN=1.77
sdE=32.8
fwE=1.78
20251011T041043.0001.fits
SecZ=1.10
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.3 11.6 12.8
ALT/AZ=65.9 -57.6
fwAVG=1.71
sdW=163.4
fwW=1.60
sdS=19.1
fwS=1.69
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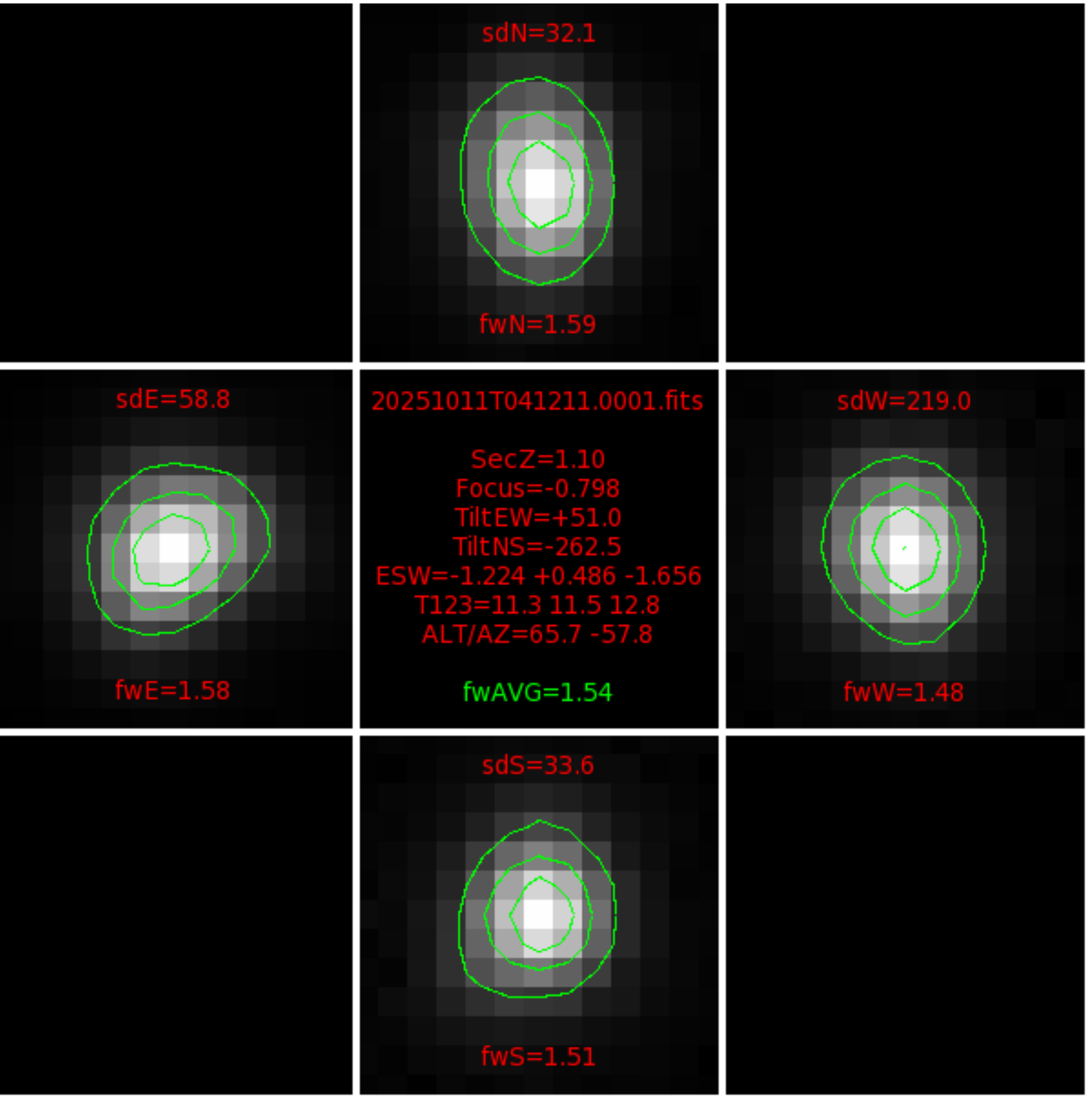
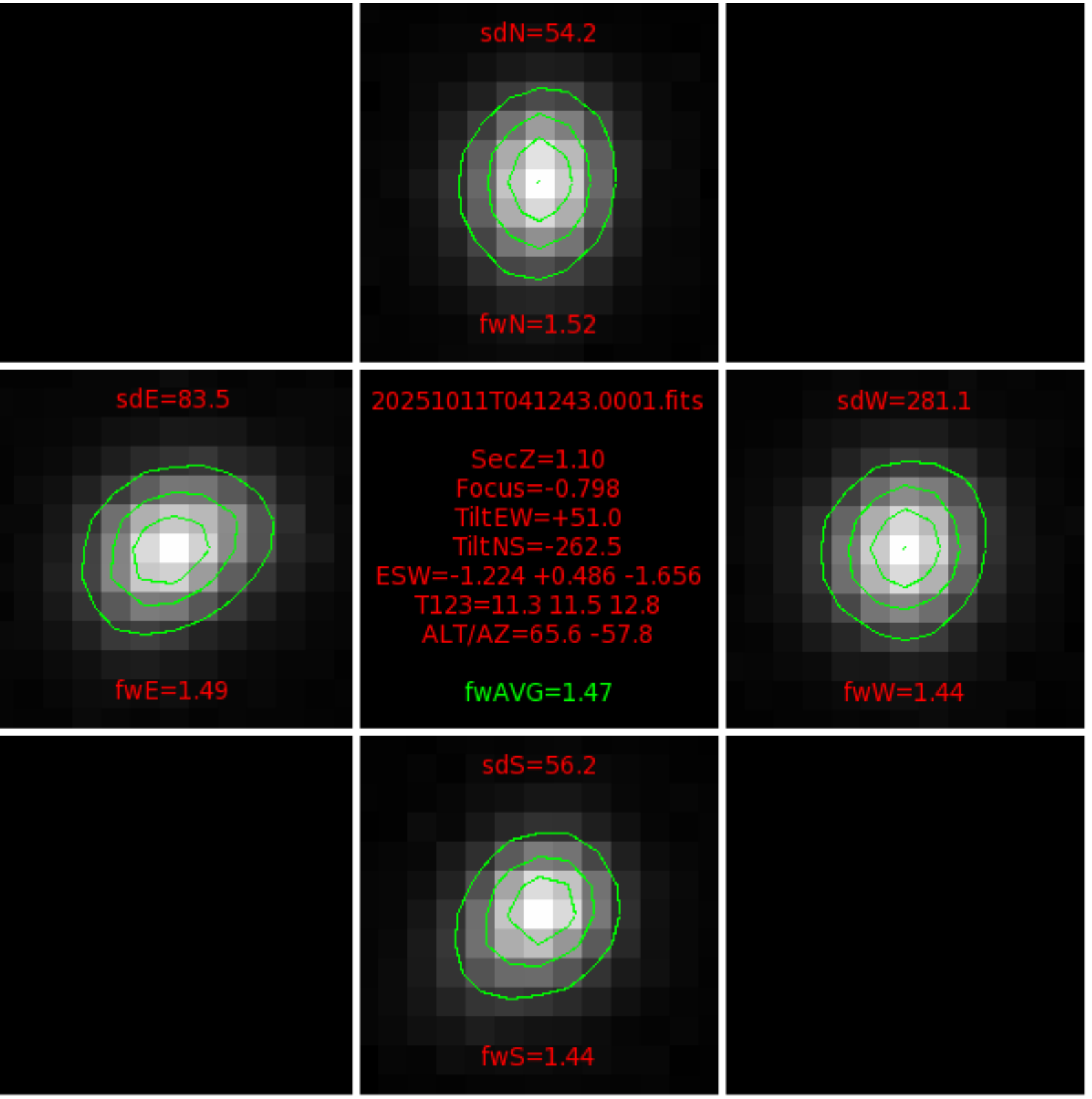
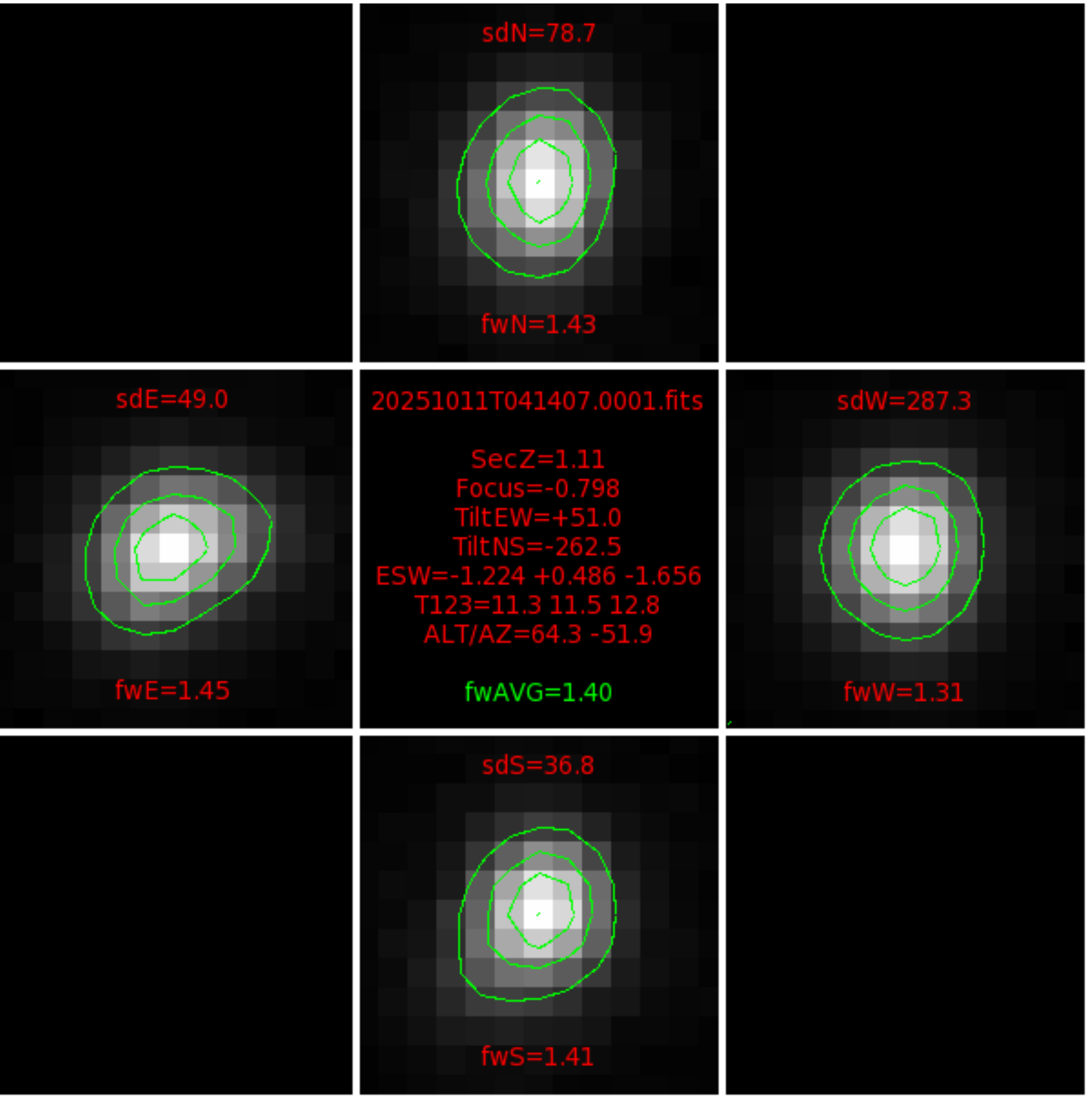
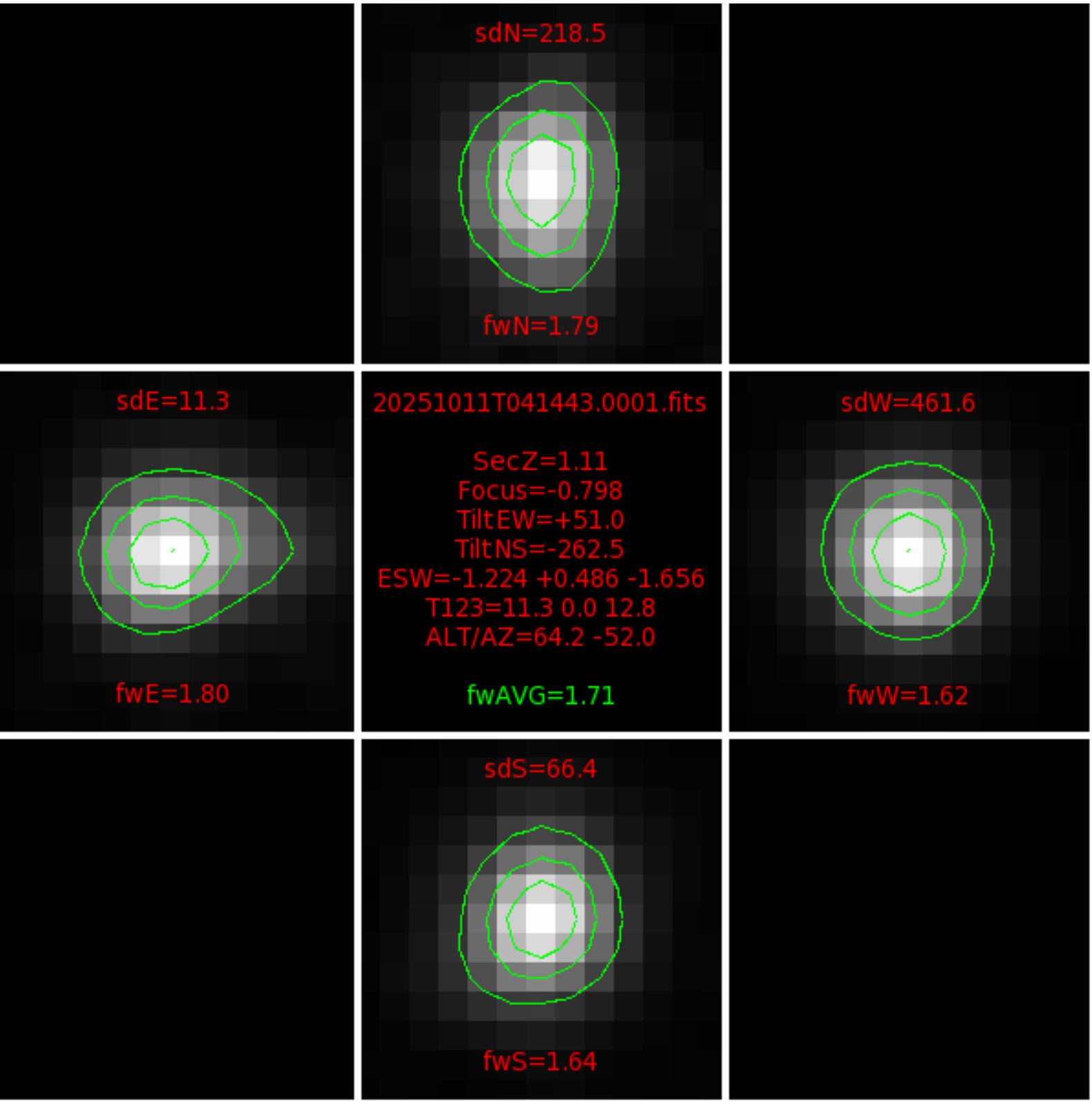
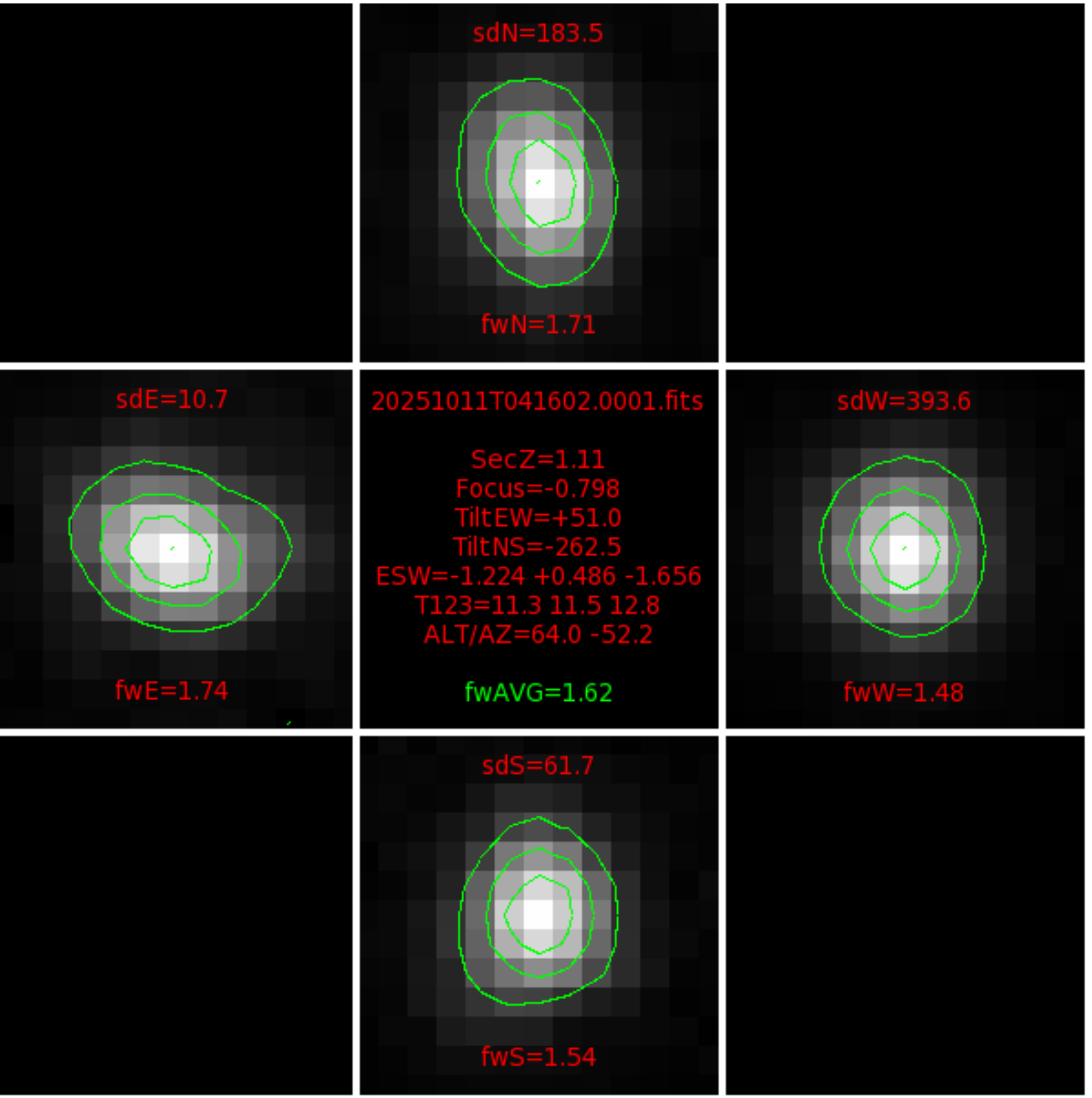
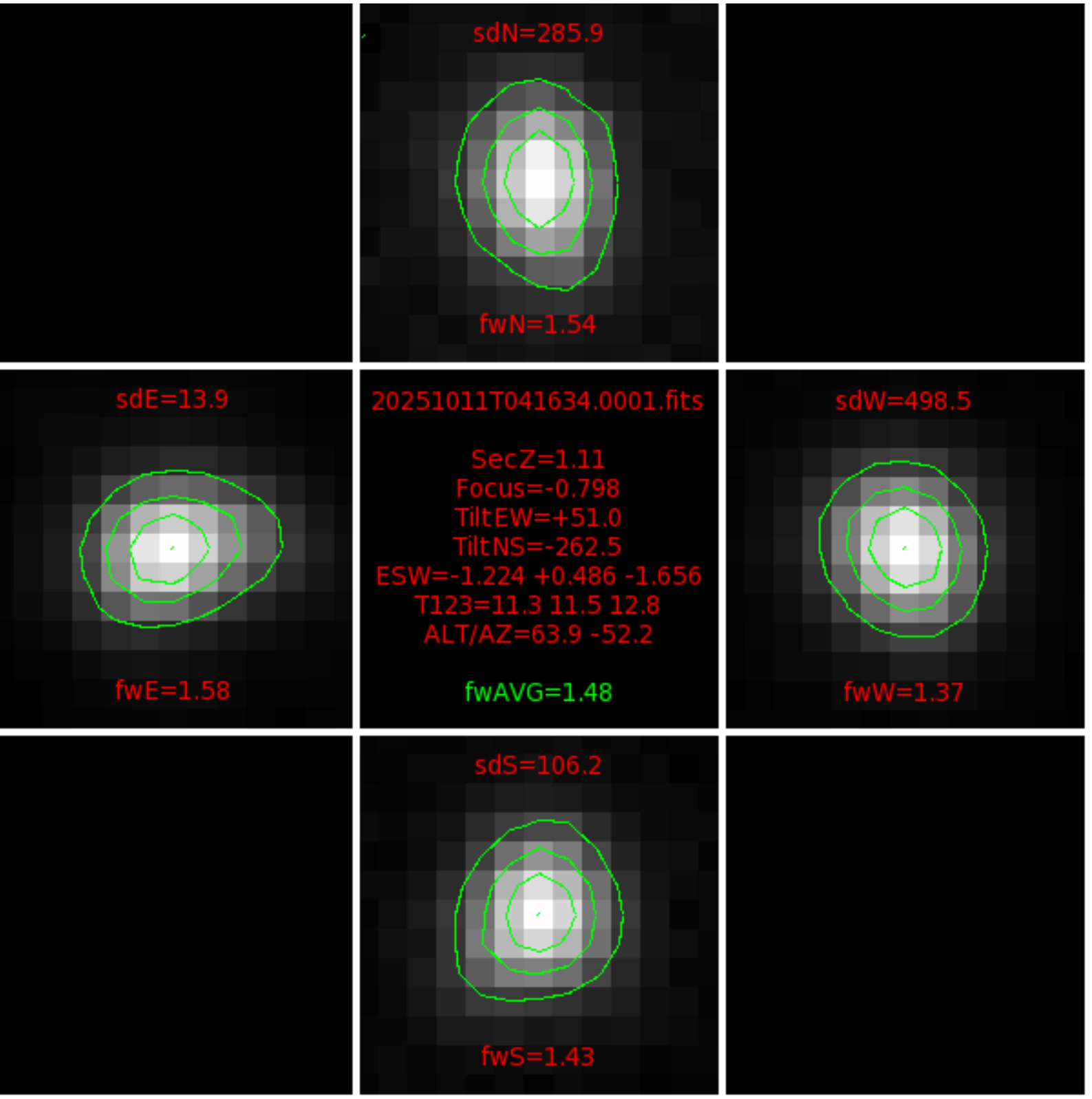

sdN=32.1
fwN=1.59
sdE=58.8
fwE=1.58
20251011T041211.0001.fits
SecZ=1.10
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.3 11.5 12.8
ALT/AZ=65.7 -57.8
fwAVG=1.54
sdW=219.0
fwW=1.48
sdS=33.6
fwS=1.51
0 0 0 0 0 0 0 0 0

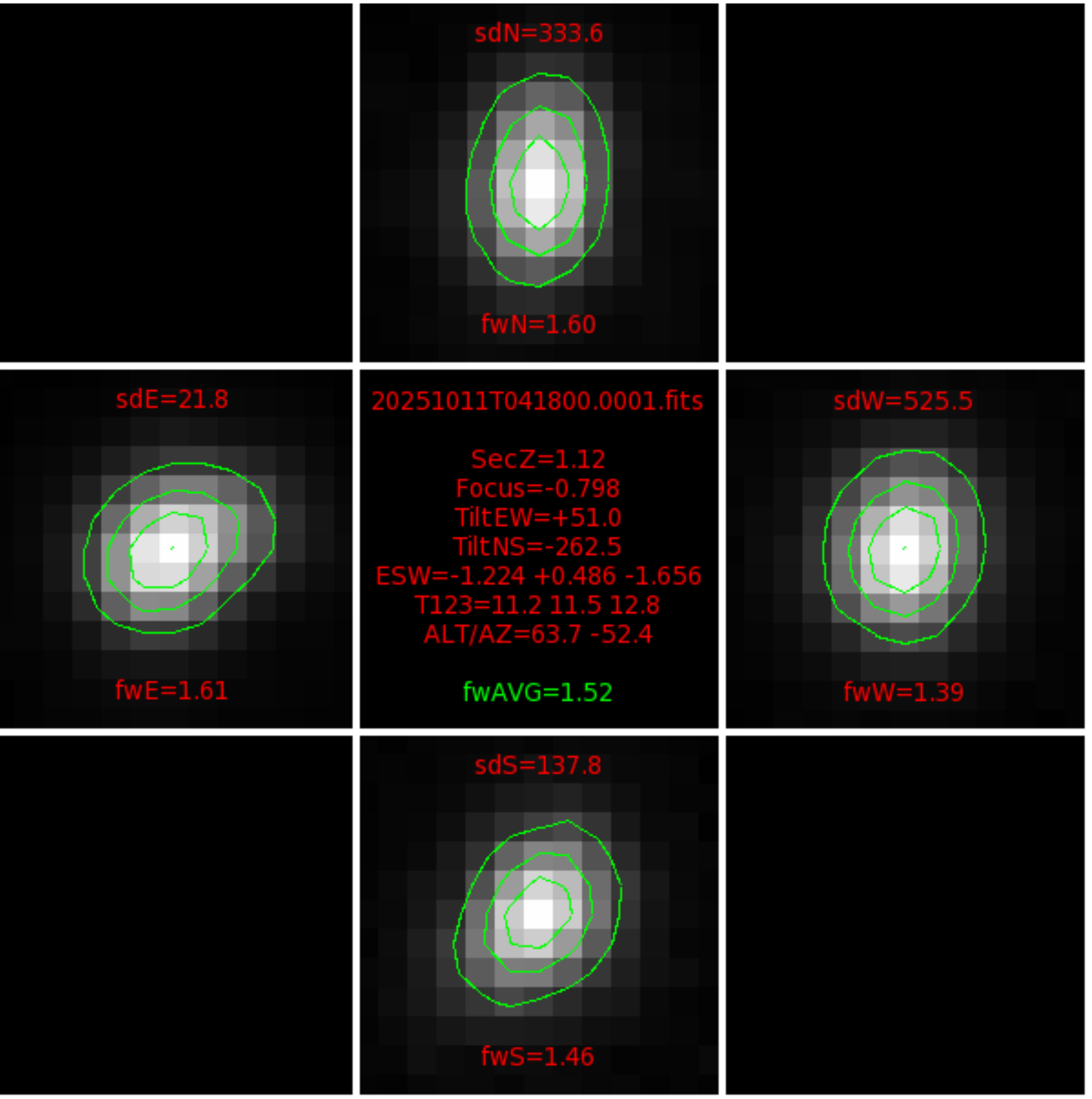

sdN=54.2
fwN=1.52
sdE=83.5
fwE=1.49
20251011T041243.0001.fits
SecZ=1.10
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.3 11.5 12.8
ALT/AZ=65.6 -57.8
fwAVG=1.47
sdW=281.1
fwW=1.44
sdS=56.2
fwS=1.44
0 0 0 0 0 0 0 0 0

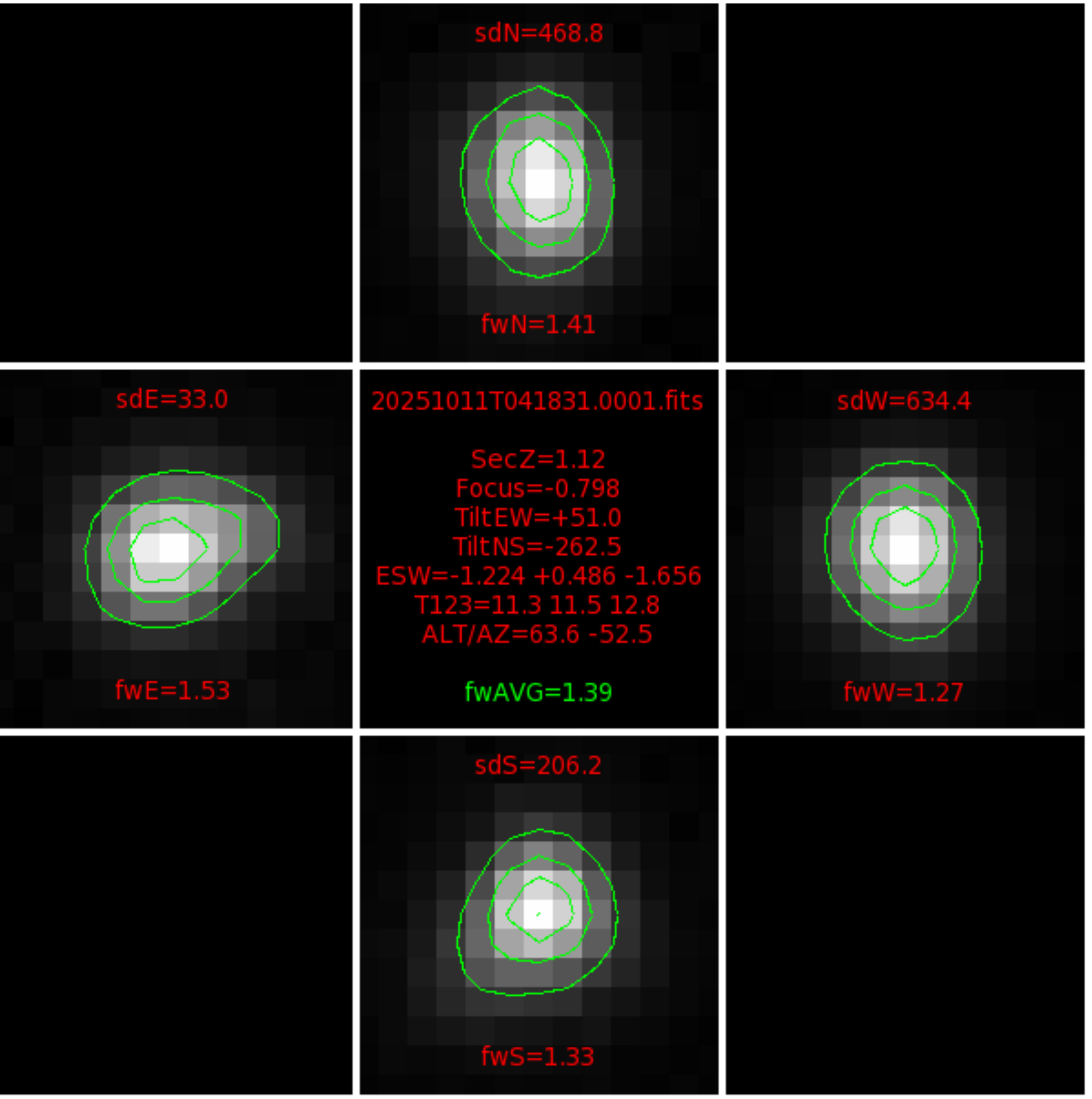

sdN=78.7
fwN=1.43
sdE=49.0
fwE=1.45
20251011T041407.0001.fits
SecZ=1.11
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.3 11.5 12.8
ALT/AZ=64.3 -51.9
fwAVG=1.40
sdW=287.3
fwW=1.31
sdS=36.8
fwS=1.41
0 0 0 0 0 0 0 0 0

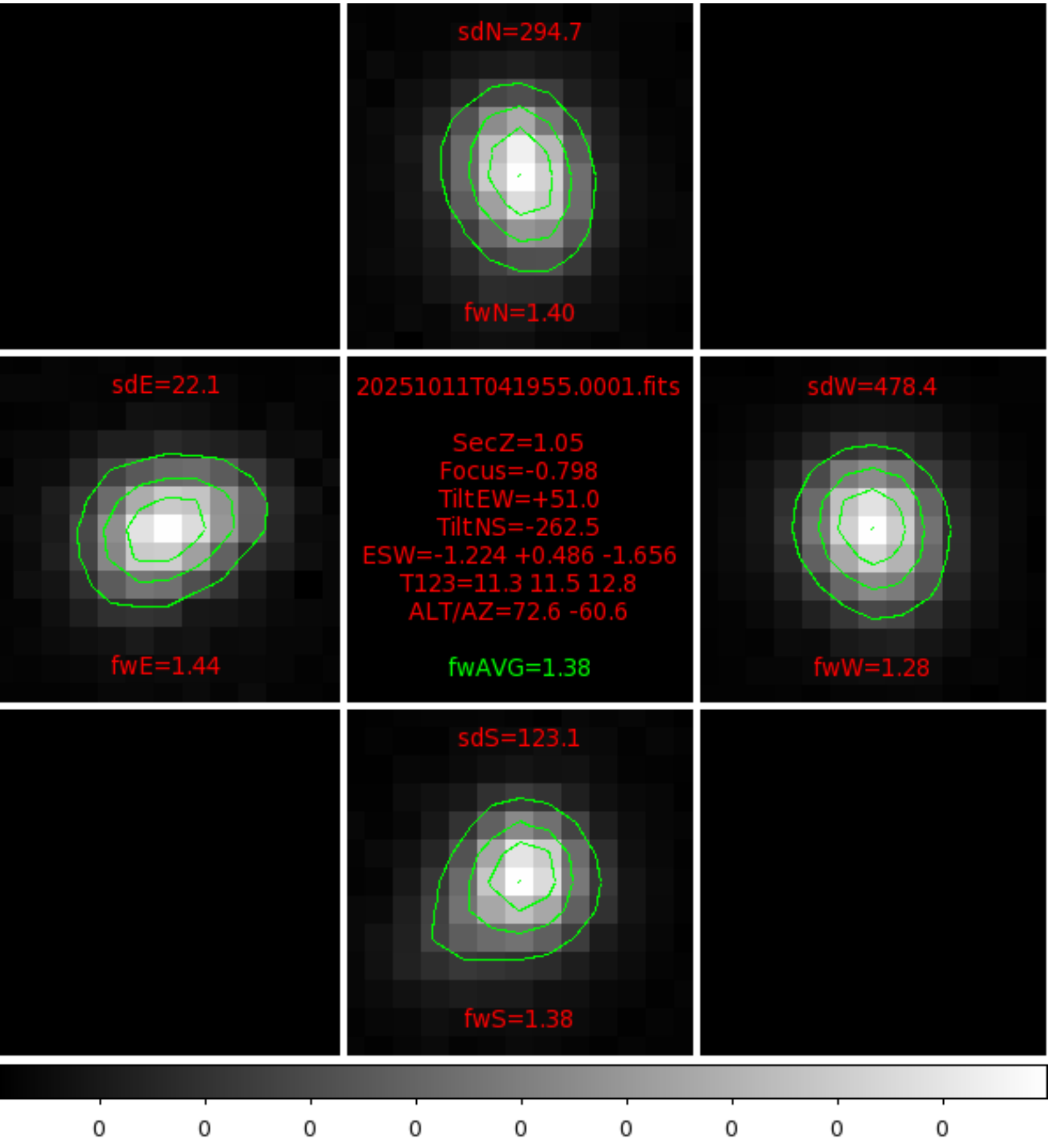

sdN=218.5
fwN=1.79
sdE=11.3
fwE=1.80
20251011T041443.0001.fits
SecZ=1.11
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.3 0.0 12.8
ALT/AZ=64.2 -52.0
fwAVG=1.71
sdW=461.6
fwW=1.62
sdS=66.4
fwS=1.64
0 0 0 0 0 0 0 0 0

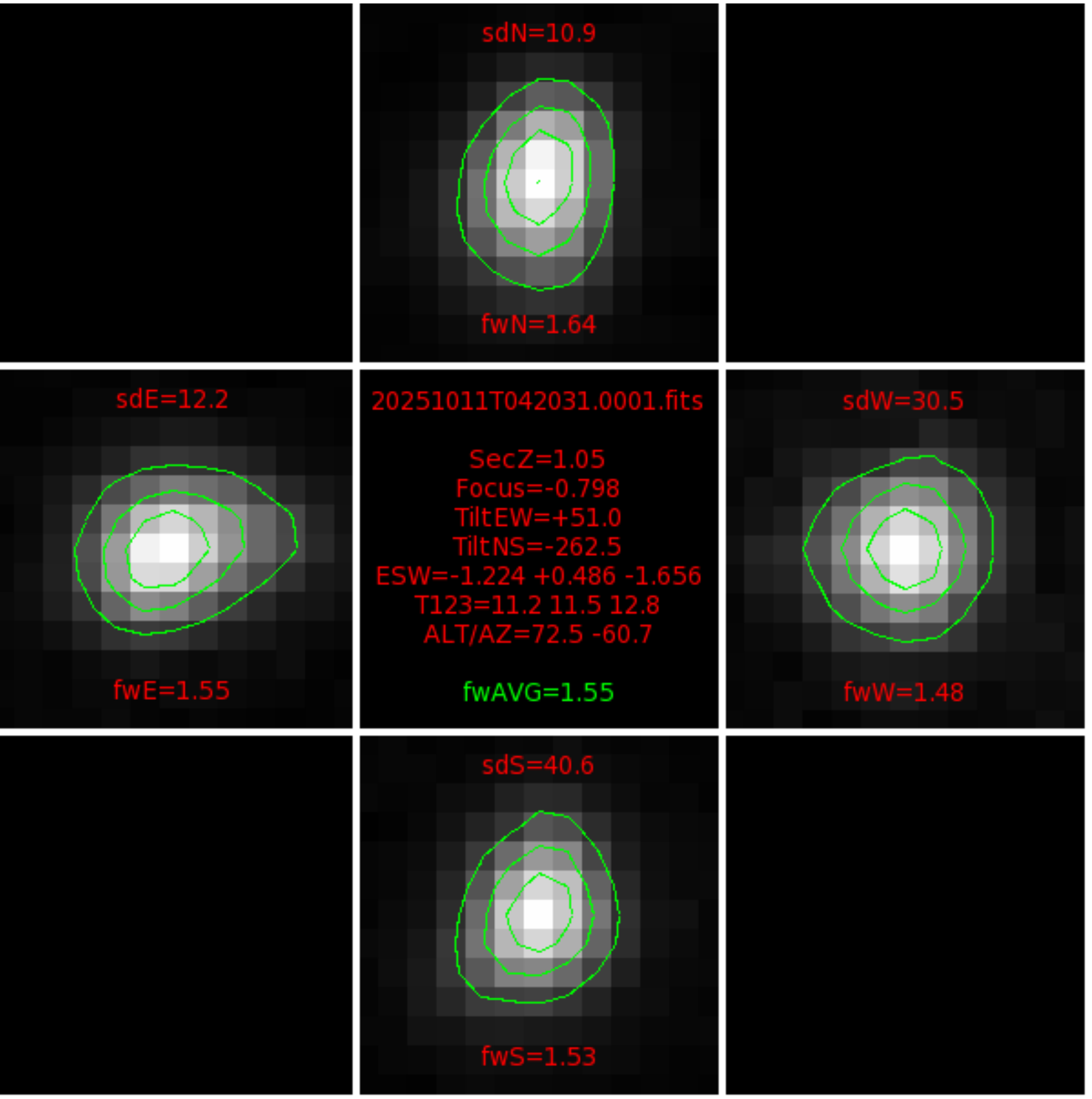

sdN=183.5
fwN=1.71
sdE=10.7
fwE=1.74
20251011T041602.0001.fits
SecZ=1.11
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.3 11.5 12.8
ALT/AZ=64.0 -52.2
fwAVG=1.62
sdW=393.6
fwW=1.48
sdS=61.7
fwS=1.54
0 0 0 0 0 0 0 0 0

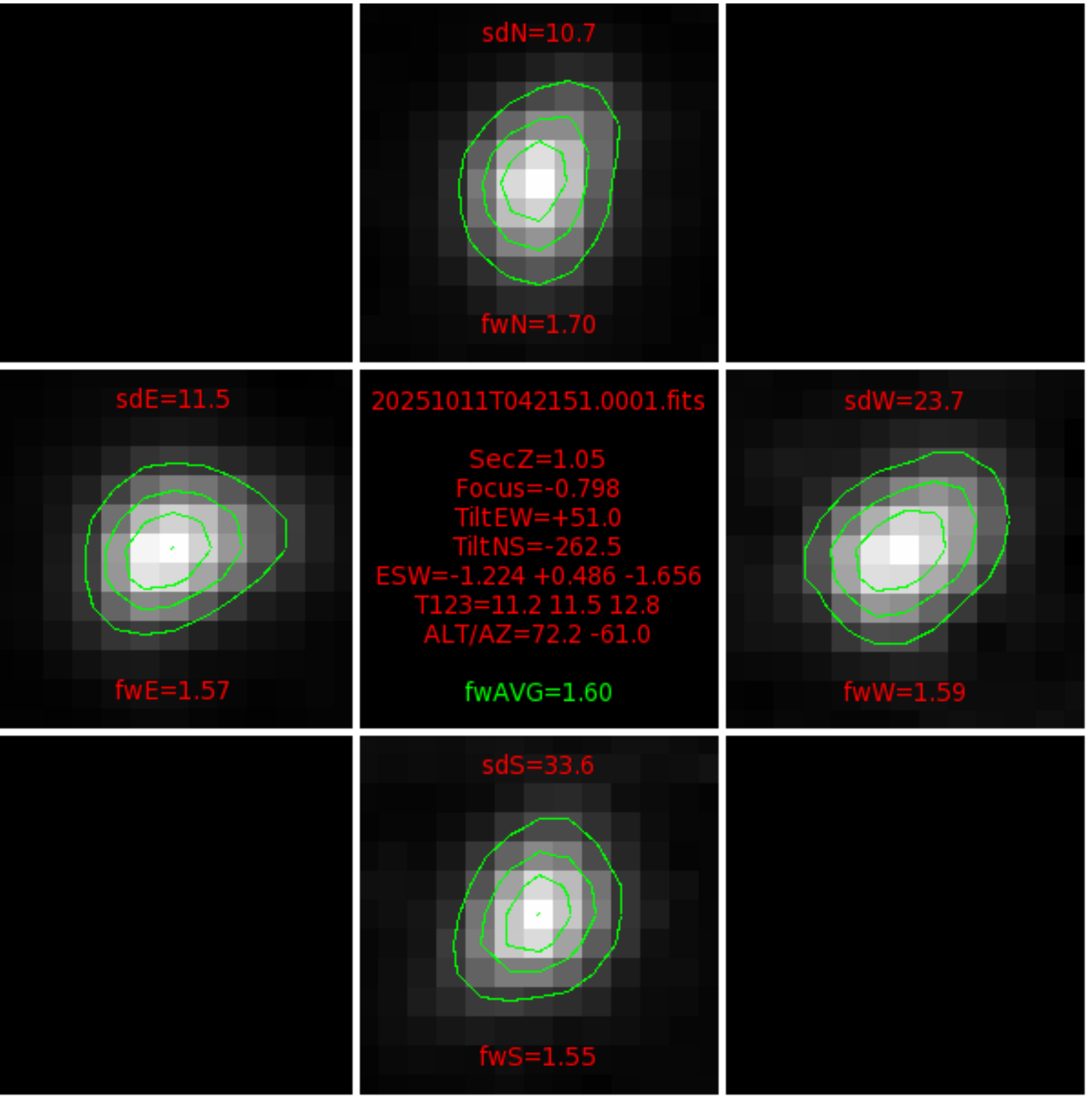

sdN=285.9
fwN=1.54
sdE=13.9
fwE=1.58
20251011T041634.0001.fits
SecZ=1.11
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.3 11.5 12.8
ALT/AZ=63.9 -52.2
fwAVG=1.48
sdW=498.5
fwW=1.37
sdS=106.2
fwS=1.43
0 0 0 0 0 0 0 0 0

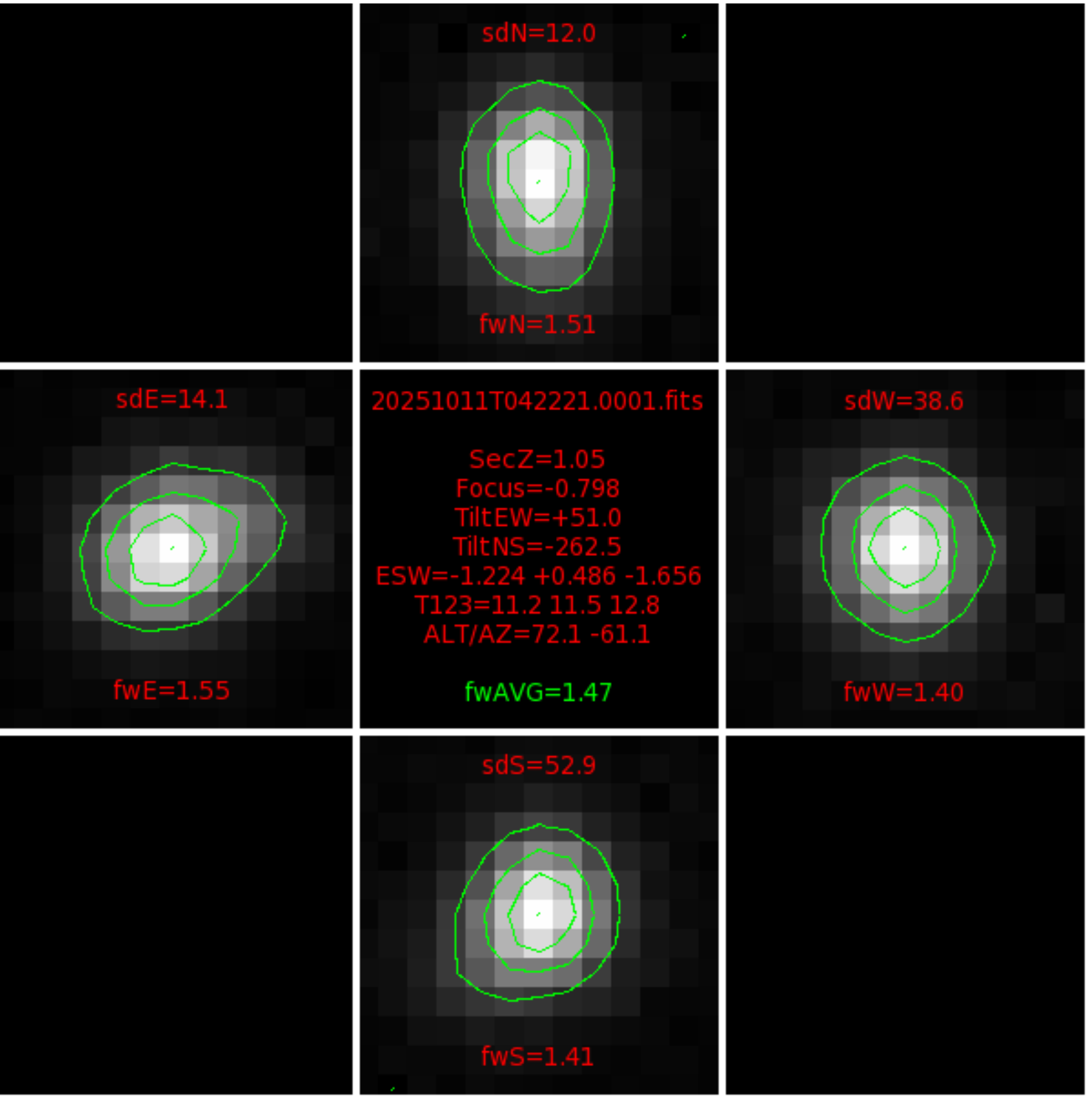

sdN=333.6
fwN=1.60
sdE=21.8
fwE=1.61
20251011T041800.0001.fits
SecZ=1.12
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.2 11.5 12.8
ALT/AZ=63.7 -52.4
fwAVG=1.52
sdW=525.5
fwW=1.39
sdS=137.8
fwS=1.46
0 0 0 0 0 0 0 0 0

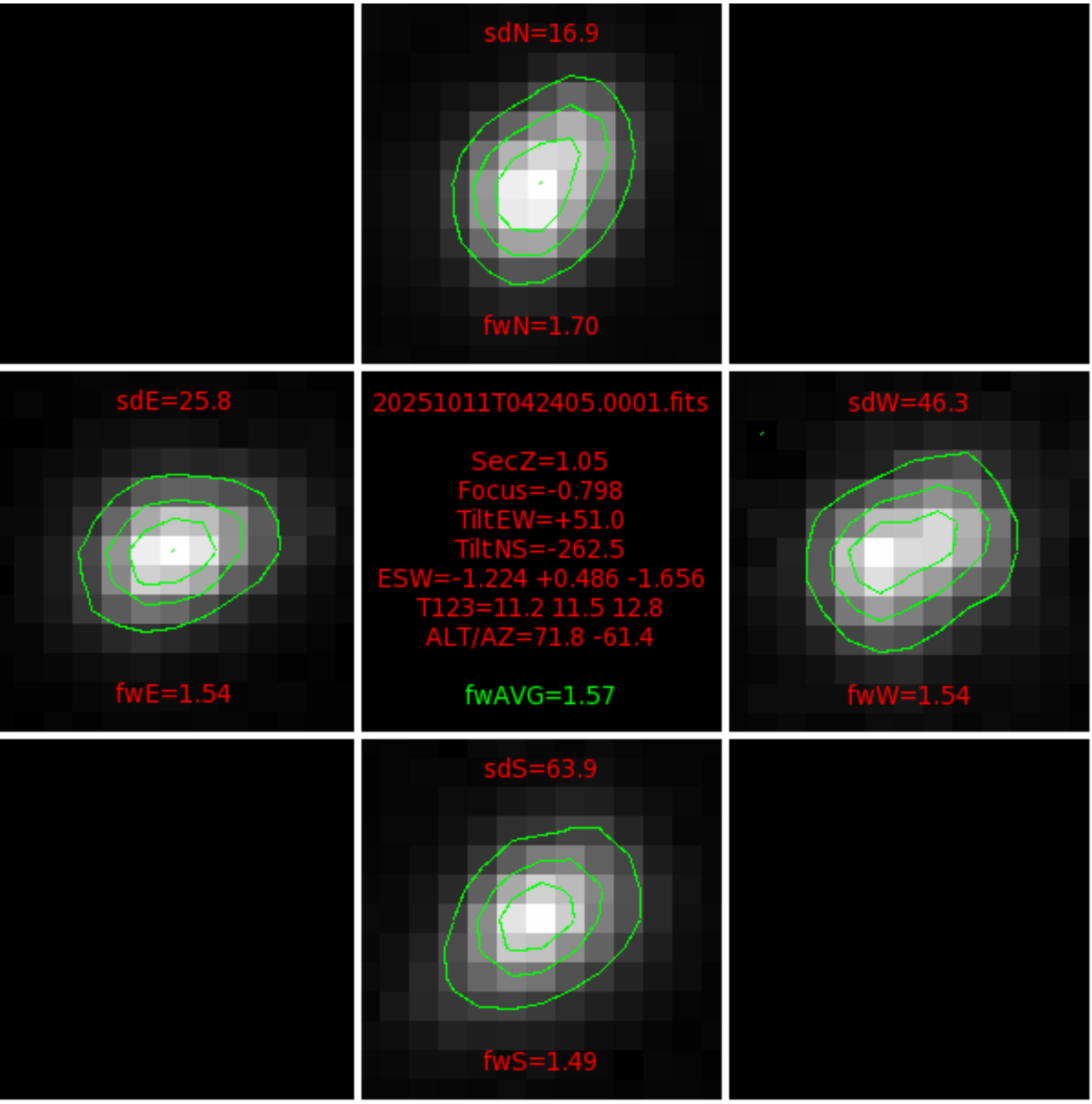

sdN=468.8
fwN=1.41
sdE=33.0
fwE=1.53
20251011T041831.0001.fits
SecZ=1.12
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.3 11.5 12.8
ALT/AZ=63.6 -52.5
fwAVG=1.39
sdW=634.4
fwW=1.27
sdS=206.2
fwS=1.33
0 0 0 0 0 0 0 0 0

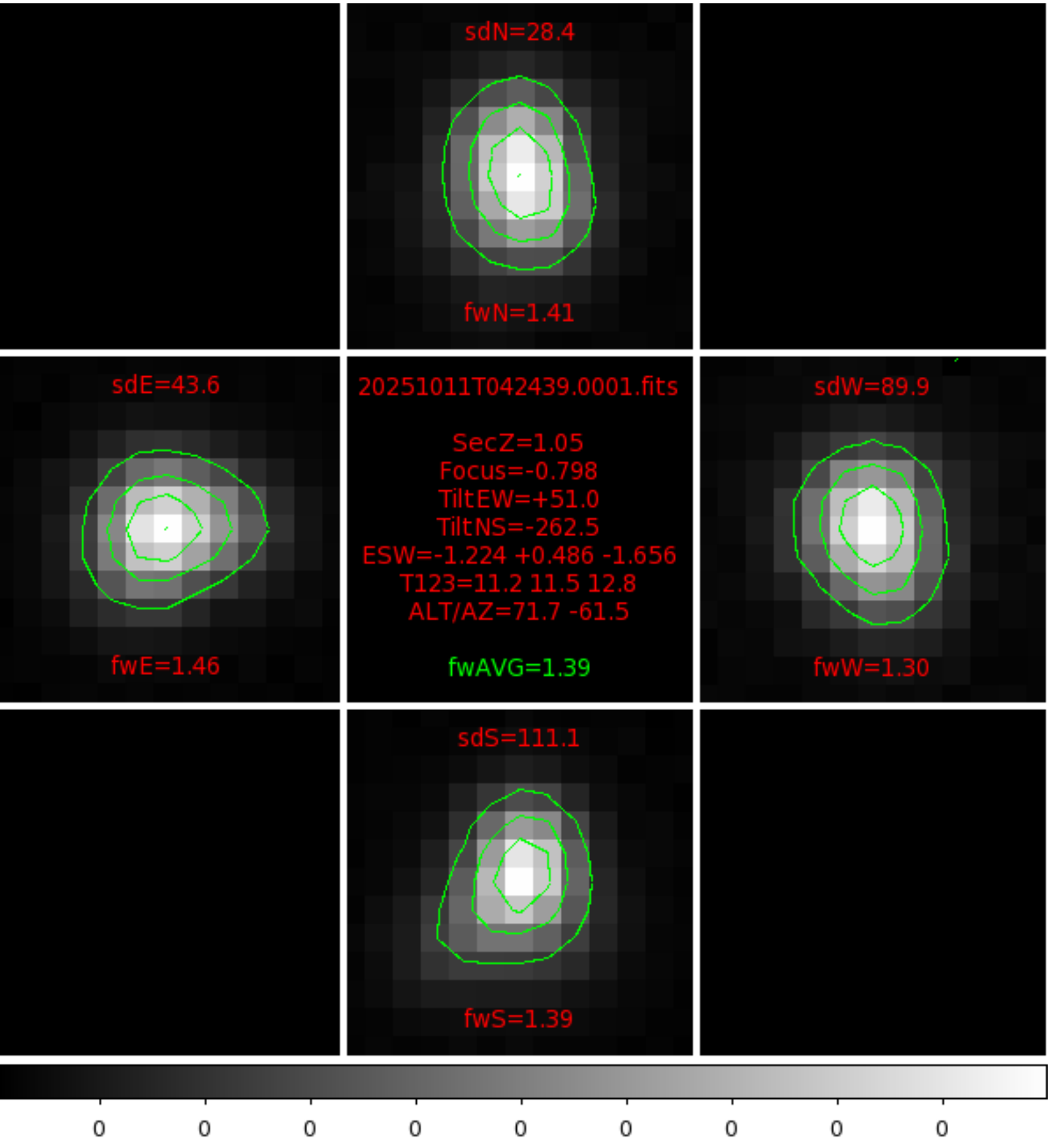

sdN=294.7
fwN=1.40
sdE=22.1
fwE=1.44
20251011T041955.0001.fits
SecZ=1.05
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.3 11.5 12.8
ALT/AZ=72.6 -60.6
fwAVG=1.38
sdW=478.4
fwW=1.28
sdS=123.1
fwS=1.38
0 0 0 0 0 0 0 0 0

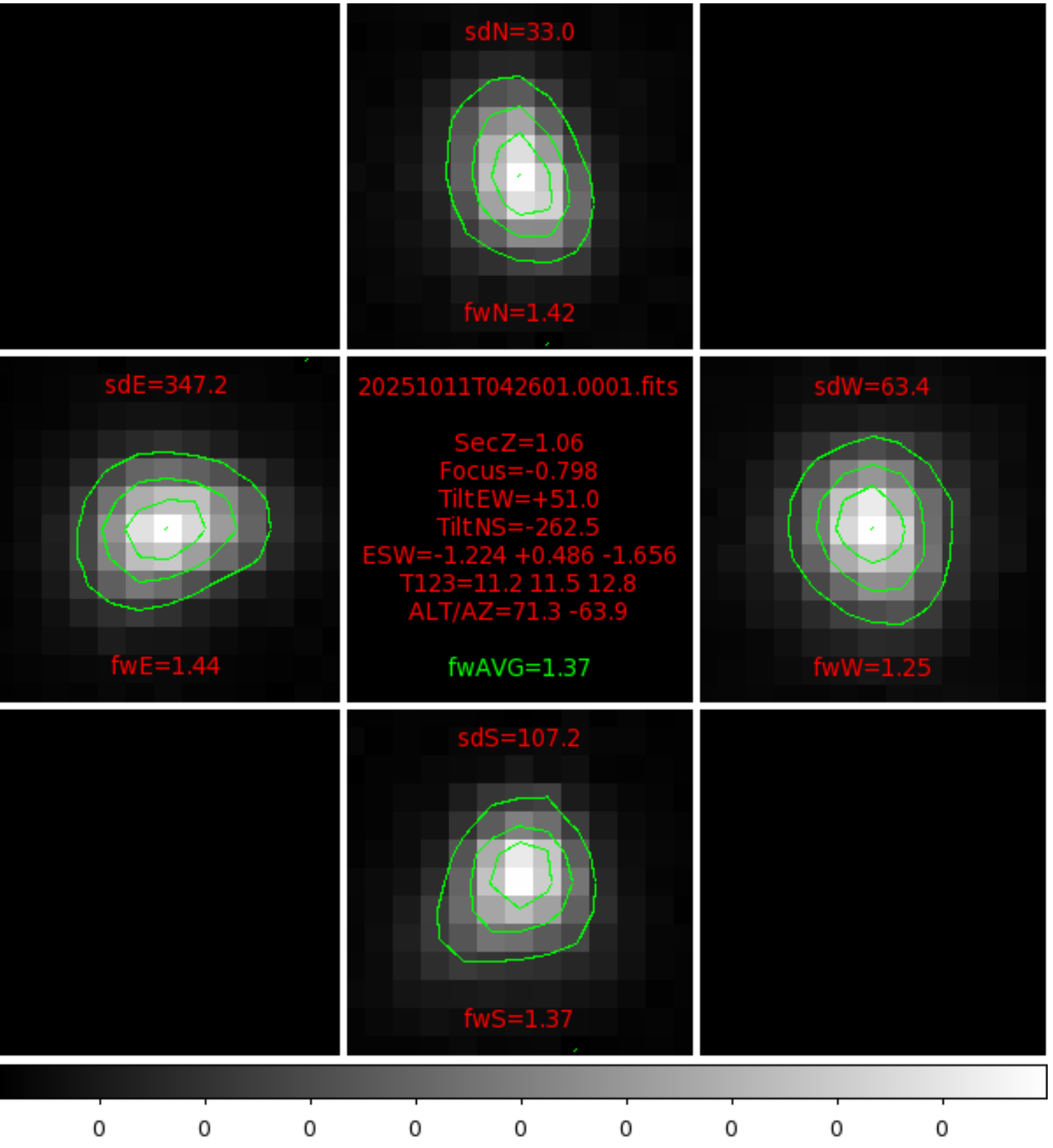

sdN=10.9
fwN=1.64
sdE=12.2
fwE=1.55
20251011T042031.0001.fits
SecZ=1.05
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.2 11.5 12.8
ALT/AZ=72.5 -60.7
fwAVG=1.55
sdW=30.5
fwW=1.48
sdS=40.6
fwS=1.53
0 0 0 0 0 0 0 0 0

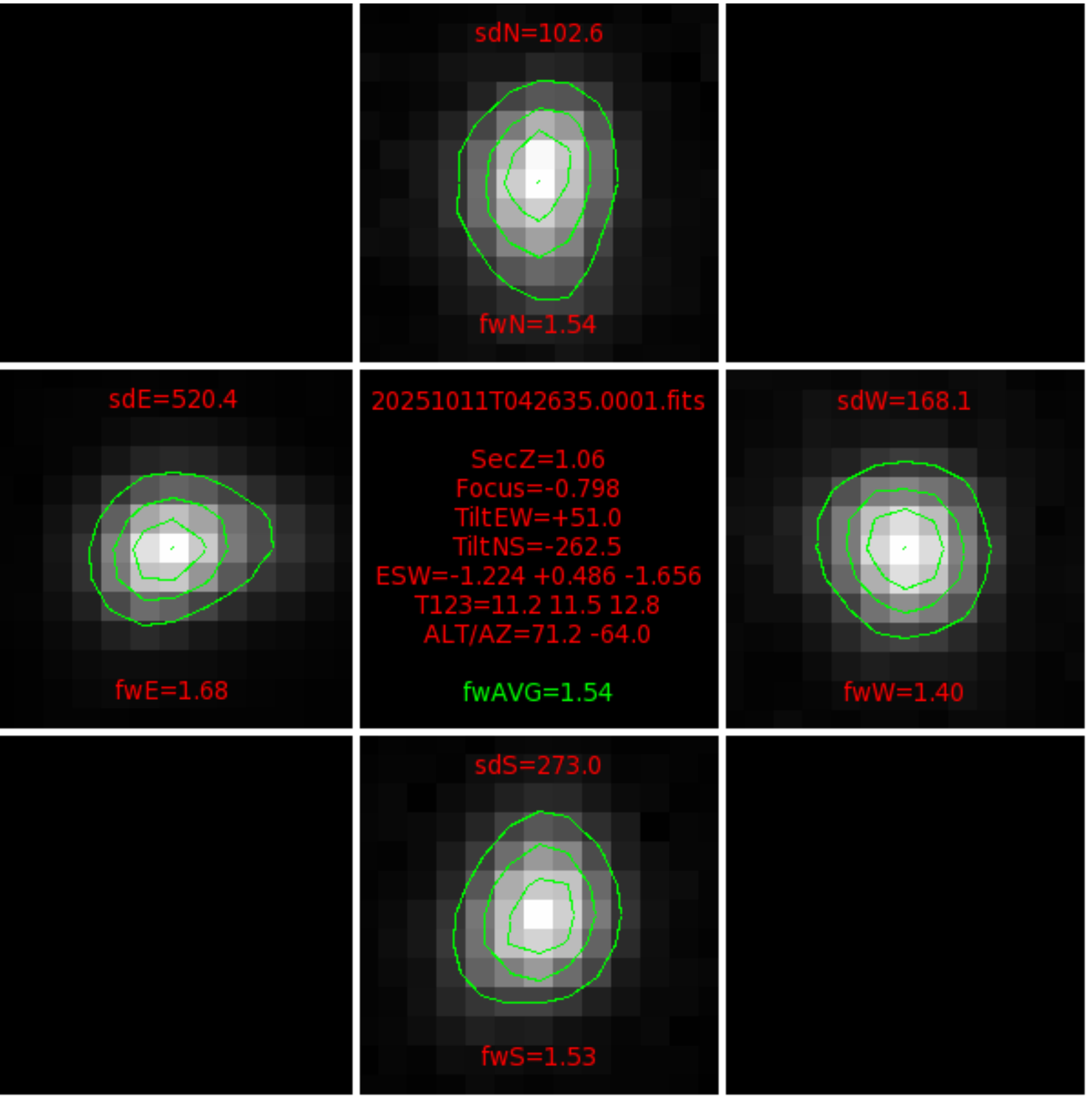

sdN=10.7
fwN=1.70
sdE=11.5
fwE=1.57
20251011T042151.0001.fits
SecZ=1.05
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.2 11.5 12.8
ALT/AZ=72.2 -61.0
fwAVG=1.60
sdW=23.7
fwW=1.59
sdS=33.6
fwS=1.55
0 0 0 0 0 0 0 0 0

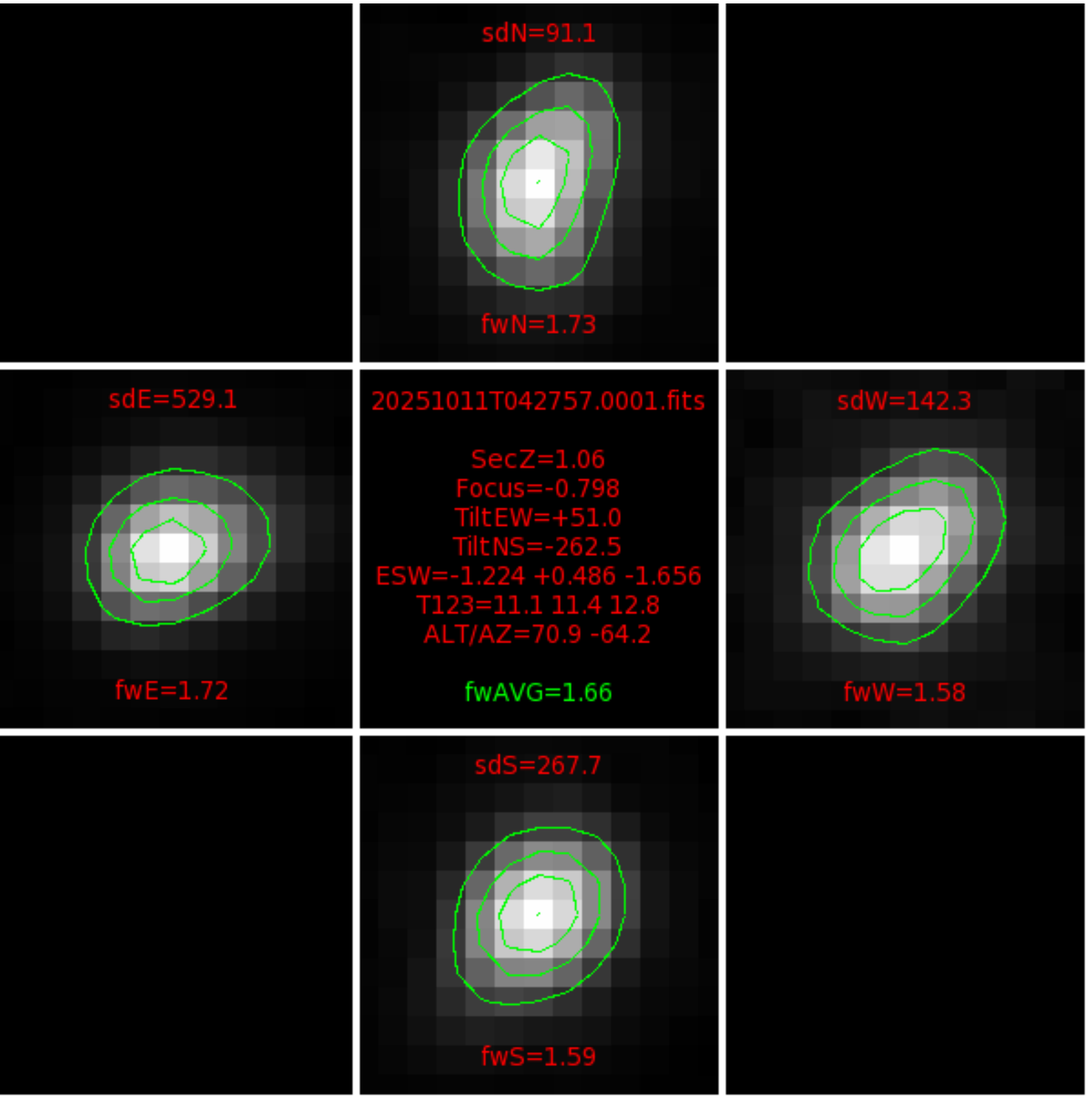

sdN=12.0
fwN=1.51
sdE=14.1
fwE=1.55
20251011T042221.0001.fits
SecZ=1.05
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.2 11.5 12.8
ALT/AZ=72.1 -61.1
fwAVG=1.47
sdW=38.6
fwW=1.40
sdS=52.9
fwS=1.41
0 0 0 0 0 0 0 0 0

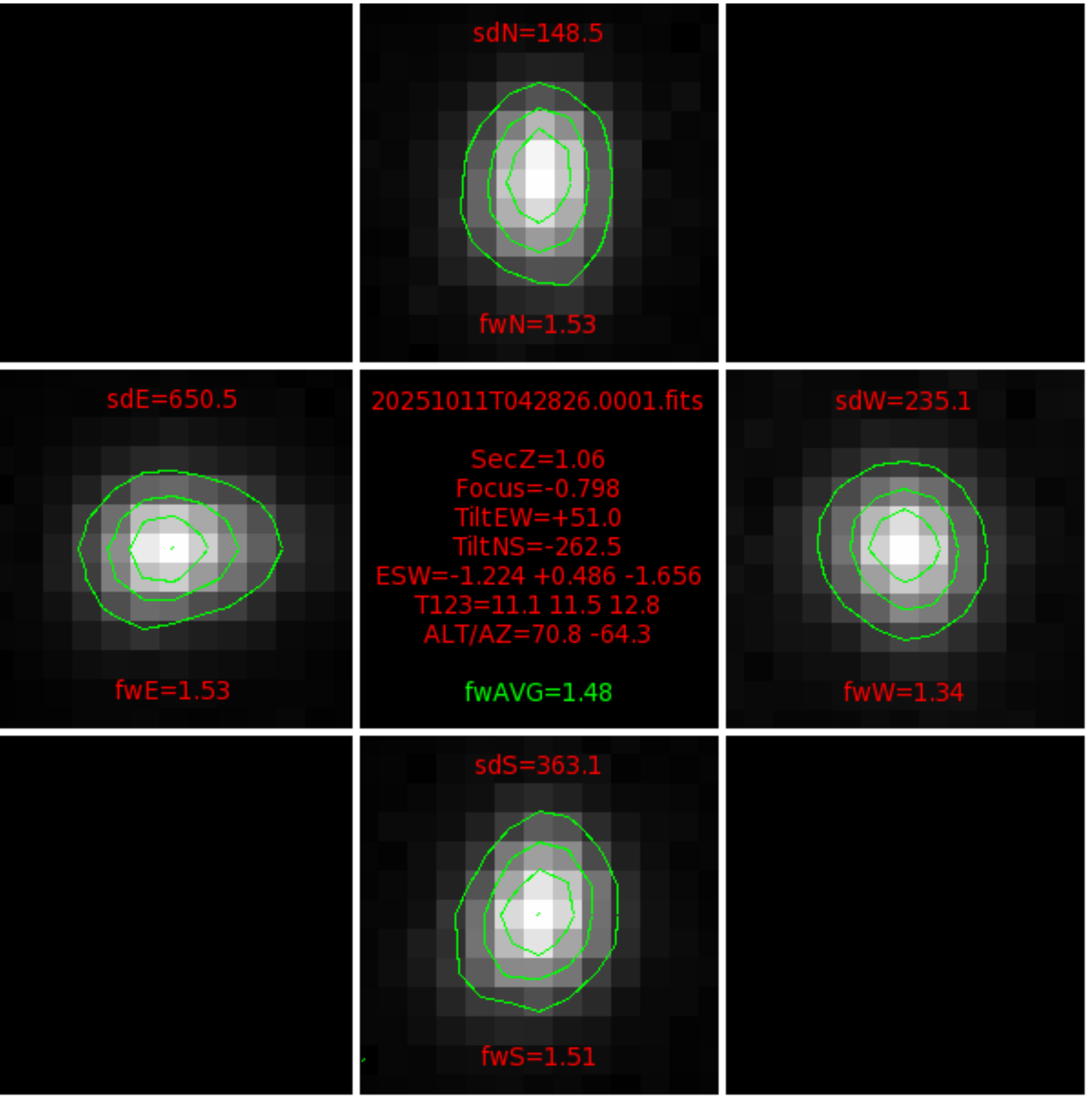

sdN=16.9
fwN=1.70
sdE=25.8
fwE=1.54
20251011T042405.0001.fits
SecZ=1.05
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.2 11.5 12.8
ALT/AZ=71.8 -61.4
fwAVG=1.57
sdW=46.3
fwW=1.54
sdS=63.9
fwS=1.49
0 0 0 0 0 0 0 0 0

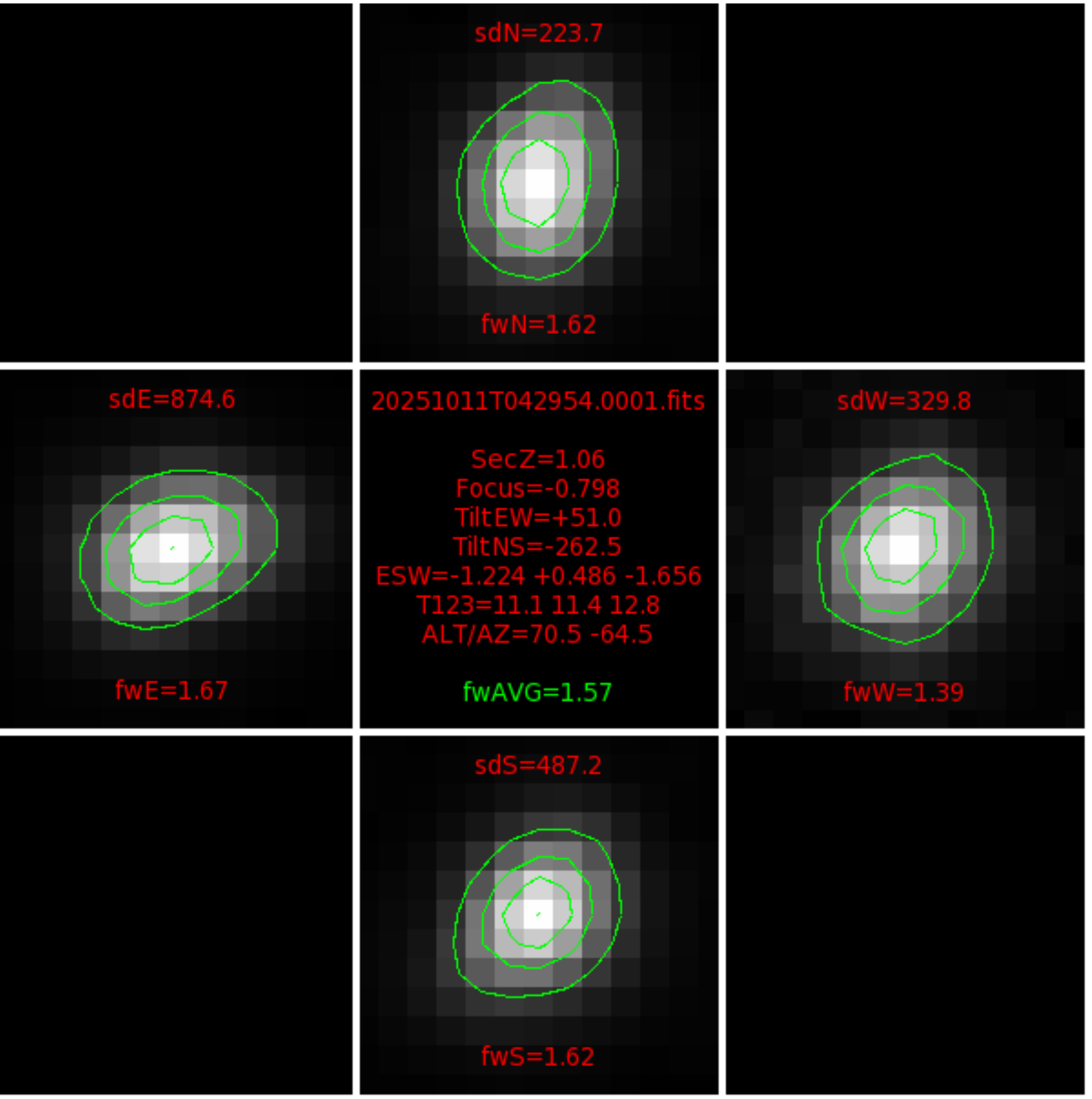

sdN=28.4
fwN=1.41
sdE=43.6
fwE=1.46
20251011T042439.0001.fits
SecZ=1.05
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.2 11.5 12.8
ALT/AZ=71.7 -61.5
fwAVG=1.39
sdW=89.9
fwW=1.30
sdS=111.1
fwS=1.39
0 0 0 0 0 0 0 0 0

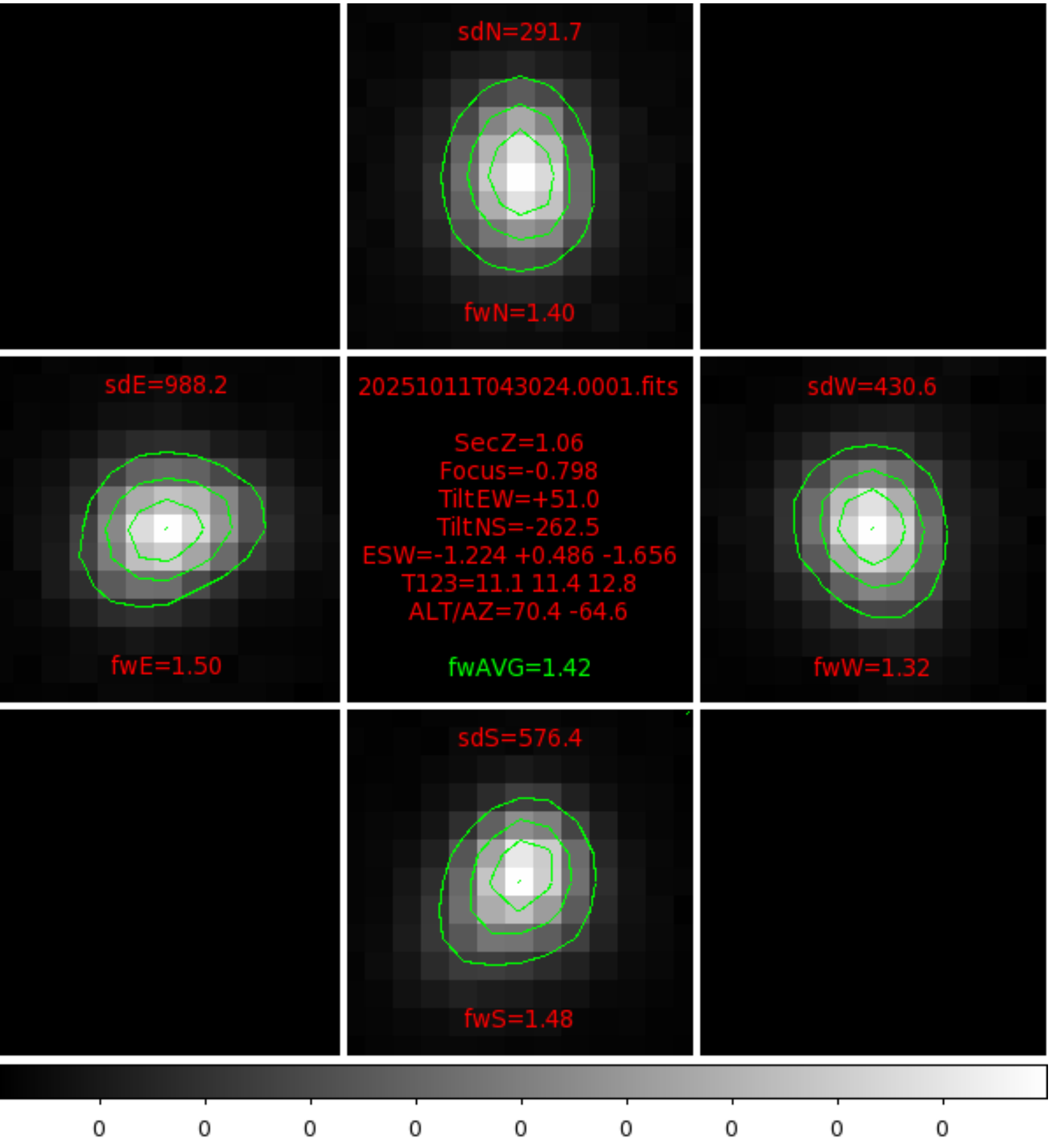

sdN=33.0
fwN=1.42
sdE=347.2
fwE=1.44
20251011T042601.0001.fits
SecZ=1.06
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.2 11.5 12.8
ALT/AZ=71.3 -63.9
fwAVG=1.37
sdW=63.4
fwW=1.25
sdS=107.2
fwS=1.37
0 0 0 0 0 0 0 0 0

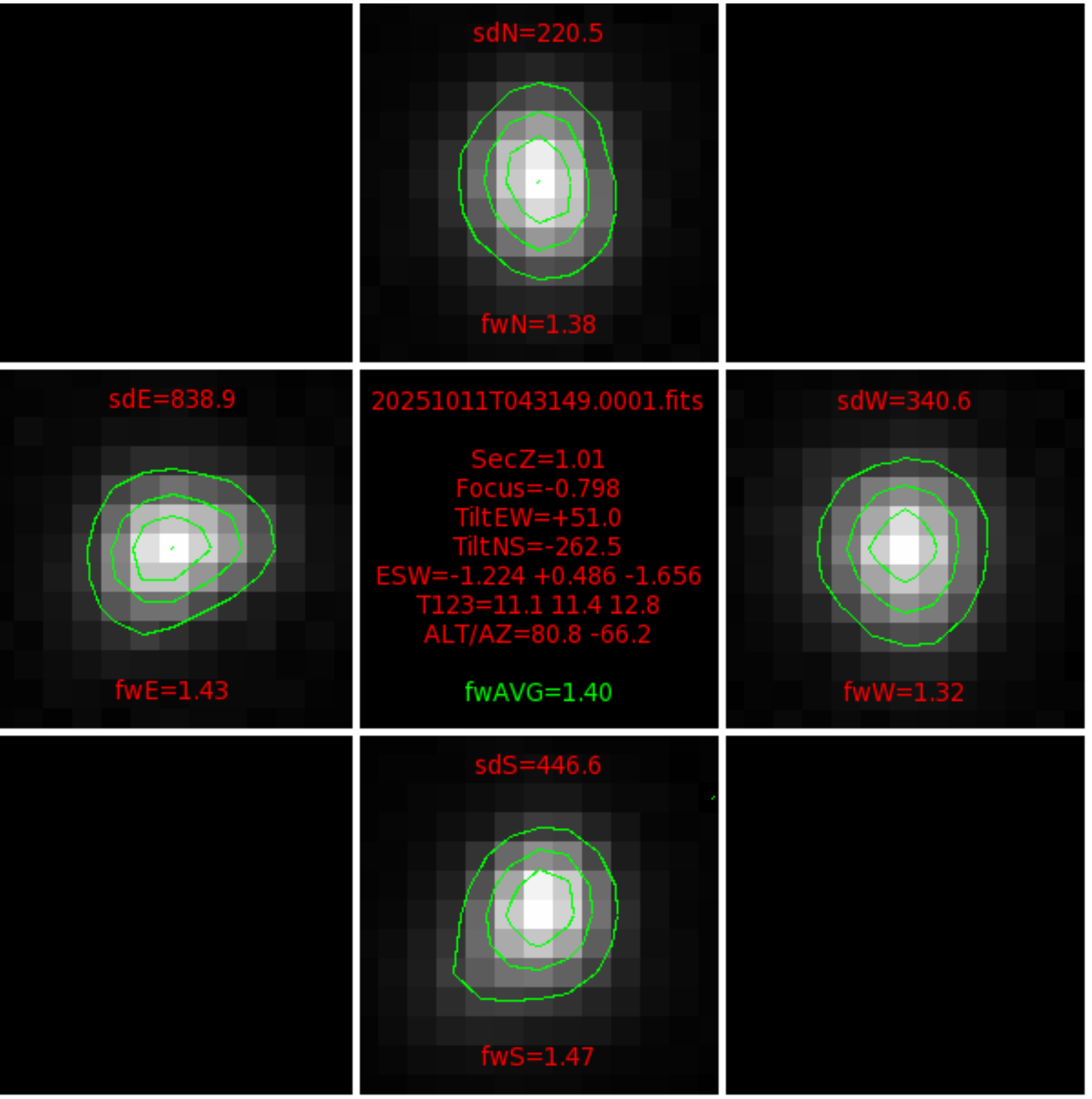

sdN=102.6
fwN=1.54
sdE=520.4
fwE=1.68
20251011T042635.0001.fits
SecZ=1.06
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.2 11.5 12.8
ALT/AZ=71.2 -64.0
fwAVG=1.54
sdW=168.1
fwW=1.40
sdS=273.0
fwS=1.53
0 0 0 0 0 0 0 0 0

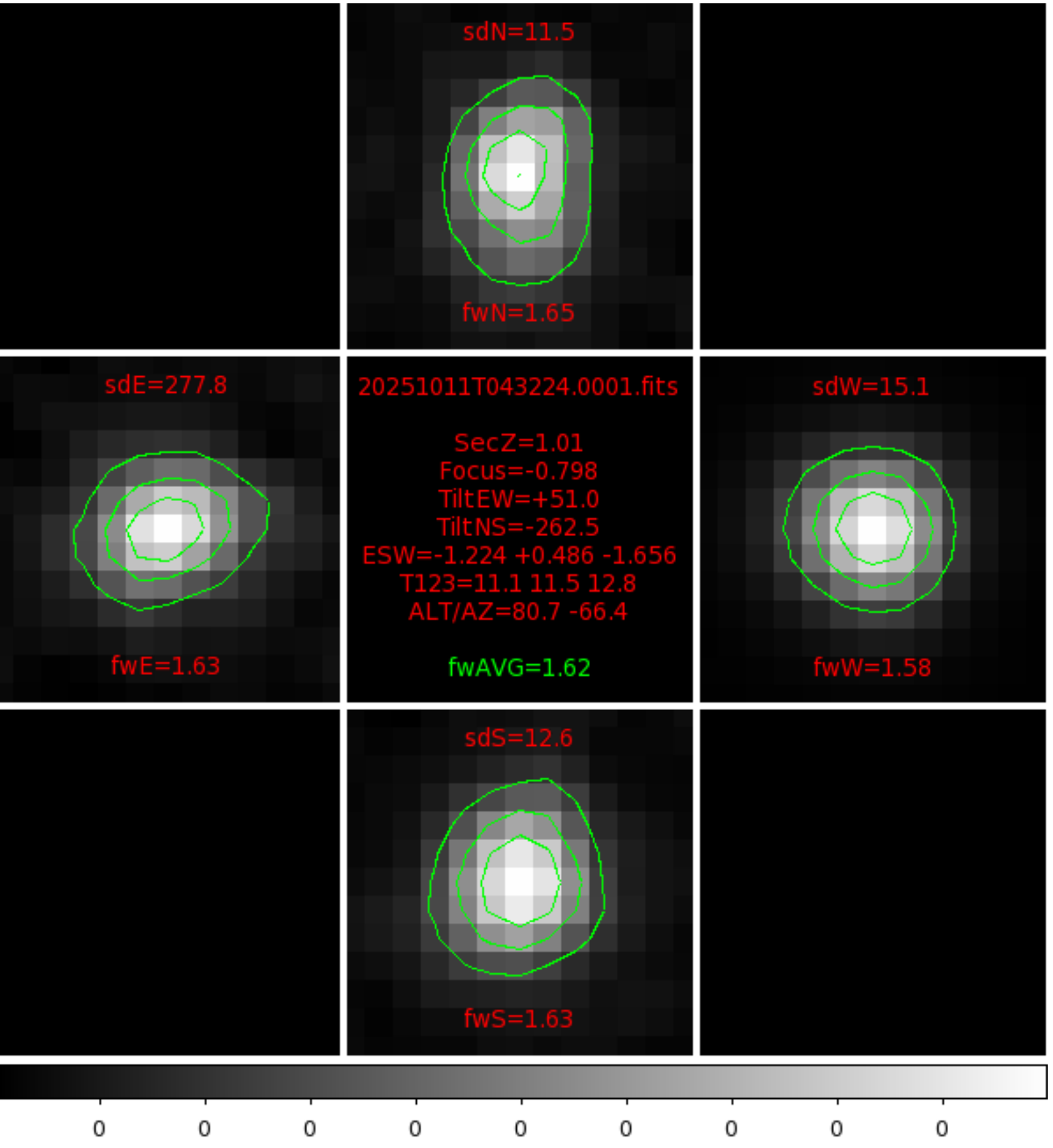

sdN=91.1
fwN=1.73
sdE=529.1
fwE=1.72
20251011T042757.0001.fits
SecZ=1.06
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.1 11.4 12.8
ALT/AZ=70.9 -64.2
fwAVG=1.66
sdW=142.3
fwW=1.58
sdS=267.7
fwS=1.59
0 0 0 0 0 0 0 0 0

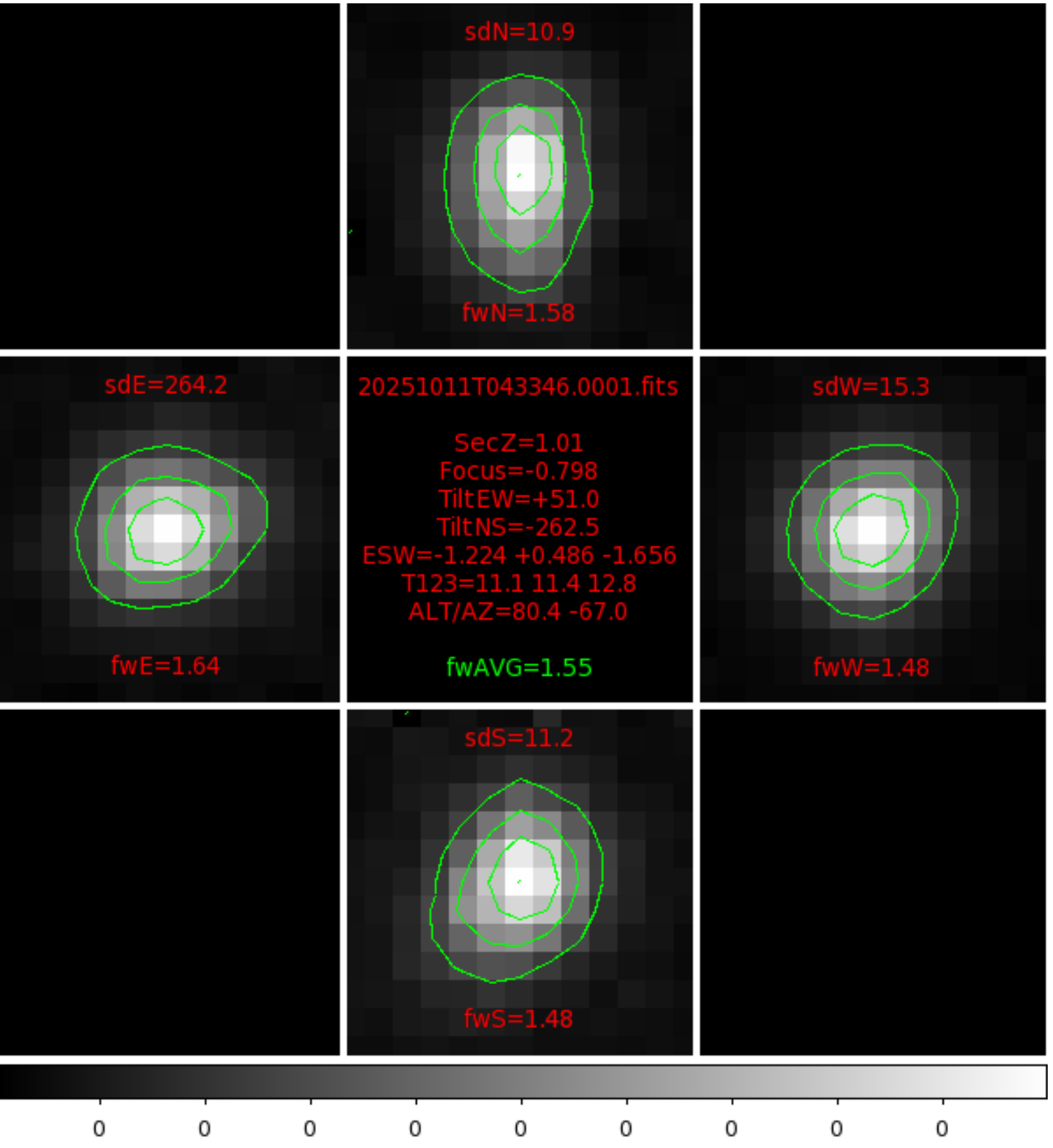

sdN=148.5
fwN=1.53
sdE=650.5
fwE=1.53
20251011T042826.0001.fits
SecZ=1.06
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.1 11.5 12.8
ALT/AZ=70.8 -64.3
fwAVG=1.48
sdW=235.1
fwW=1.34
sdS=363.1
fwS=1.51
0 0 0 0 0 0 0 0 0

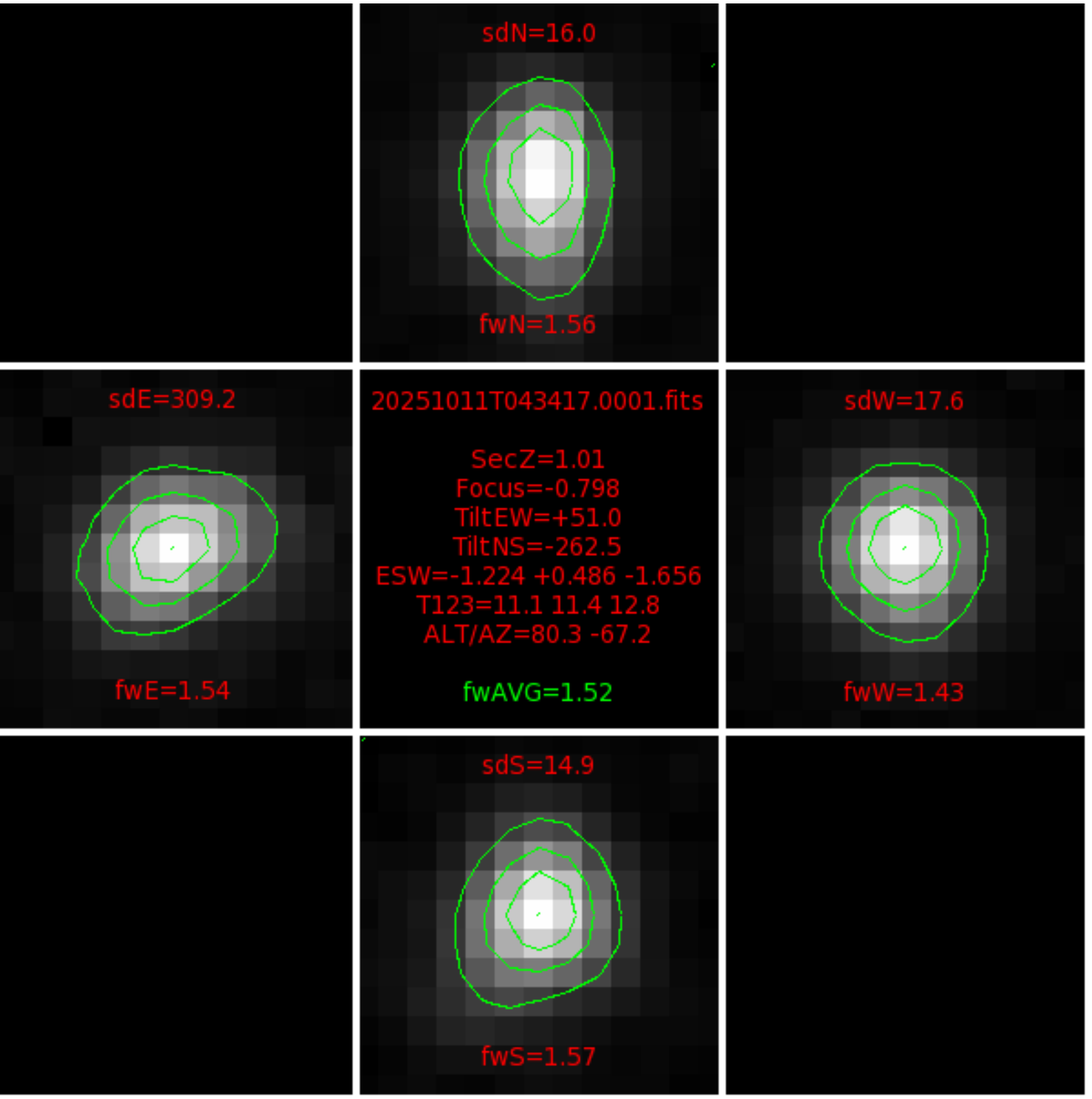

sdN=223.7
fwN=1.62
sdE=874.6
fwE=1.67
20251011T042954.0001.fits
SecZ=1.06
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.1 11.4 12.8
ALT/AZ=70.5 -64.5
fwAVG=1.57
sdW=329.8
fwW=1.39
sdS=487.2
fwS=1.62
0 0 0 0 0 0 0 0 0

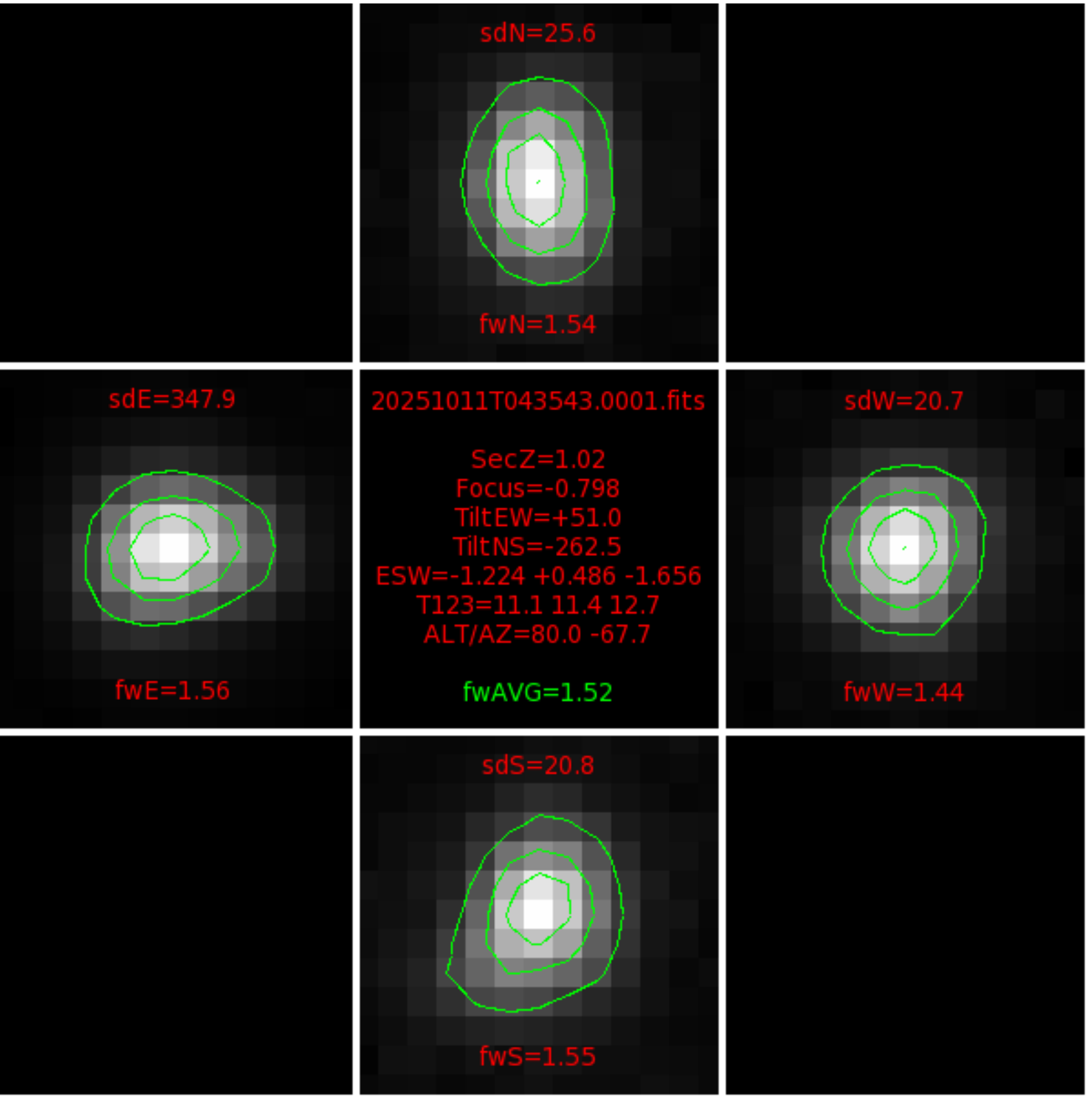

sdN=291.7
fwN=1.40
sdE=988.2
fwE=1.50
20251011T043024.0001.fits
SecZ=1.06
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.1 11.4 12.8
ALT/AZ=70.4 -64.6
fwAVG=1.42
sdW=430.6
fwW=1.32
sdS=576.4
fwS=1.48
0 0 0 0 0 0 0 0 0

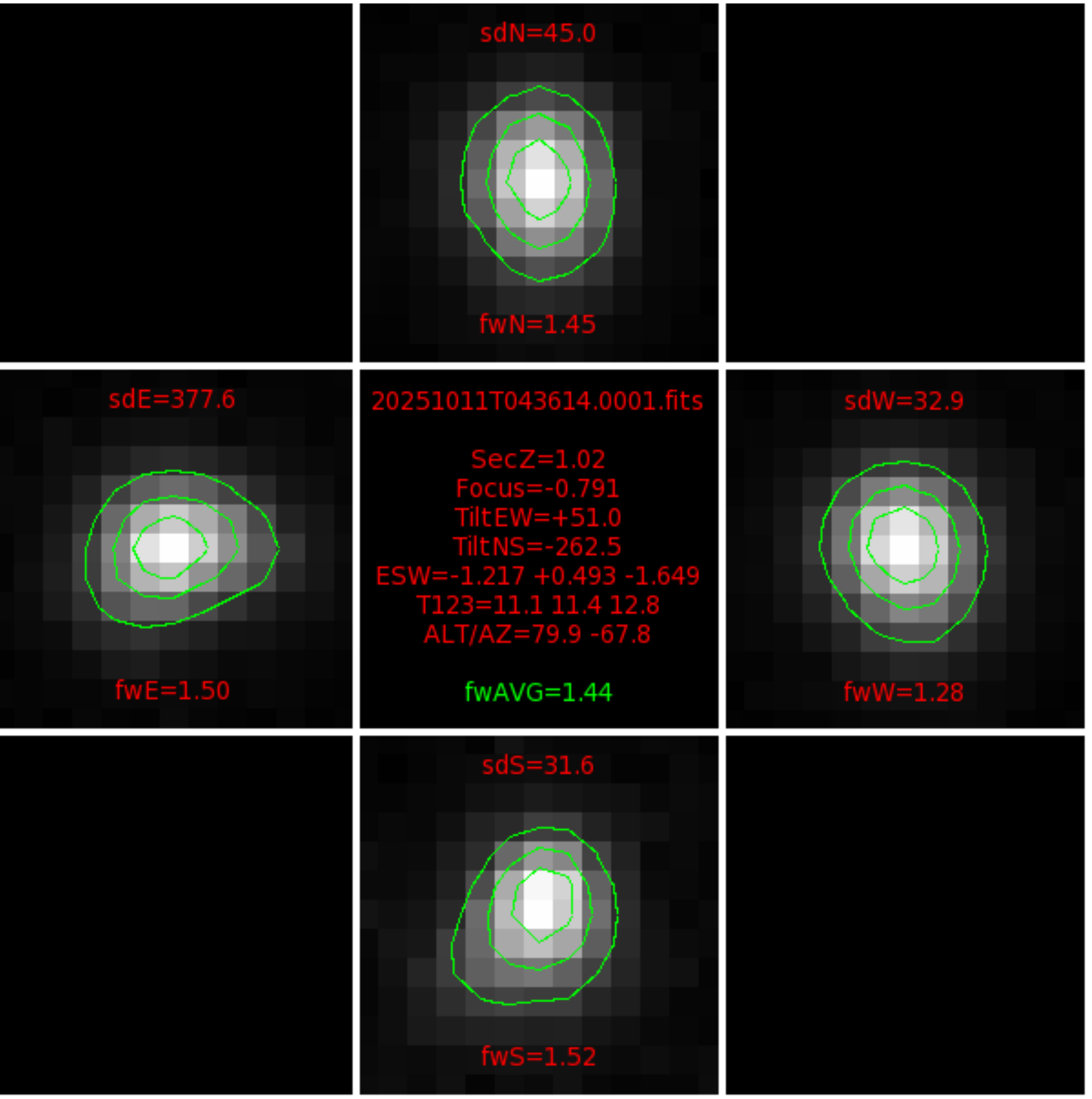

sdN=220.5
fwN=1.38
sdE=838.9
fwE=1.43
20251011T043149.0001.fits
SecZ=1.01
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.1 11.4 12.8
ALT/AZ=80.8 -66.2
fwAVG=1.40
sdW=340.6
fwW=1.32
sdS=446.6
fwS=1.47
0 0 0 0 0 0 0 0 0


sdN=11.5
fwN=1.65
sdE=277.8
fwE=1.63
20251011T043224.0001.fits
SecZ=1.01
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.1 11.5 12.8
ALT/AZ=80.7 -66.4
fwAVG=1.62
sdW=15.1
fwW=1.58
sdS=12.6
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=10.9
fwN=1.58
sdE=264.2
fwE=1.64
20251011T043346.0001.fits
SecZ=1.01
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.1 11.4 12.8
ALT/AZ=80.4 -67.0
fwAVG=1.55
sdW=15.3
fwW=1.48
sdS=11.2
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=16.0
fwN=1.56
sdE=309.2
fwE=1.54
20251011T043417.0001.fits
SecZ=1.01
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.1 11.4 12.8
ALT/AZ=80.3 -67.2
fwAVG=1.52
sdW=17.6
fwW=1.43
sdS=14.9
fwS=1.57
0 0 0 0 0 0 0 0 0


sdN=25.6
fwN=1.54
sdE=347.9
fwE=1.56
20251011T043543.0001.fits
SecZ=1.02
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.1 11.4 12.7
ALT/AZ=80.0 -67.7
fwAVG=1.52
sdW=20.7
fwW=1.44
sdS=20.8
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=45.0
fwN=1.45
sdE=377.6
fwE=1.50
20251011T043614.0001.fits
SecZ=1.02
Focus=-0.791
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.217 +0.493 -1.649
T123=11.1 11.4 12.8
ALT/AZ=79.9 -67.8
fwAVG=1.44
sdW=32.9
fwW=1.28
sdS=31.6
fwS=1.52
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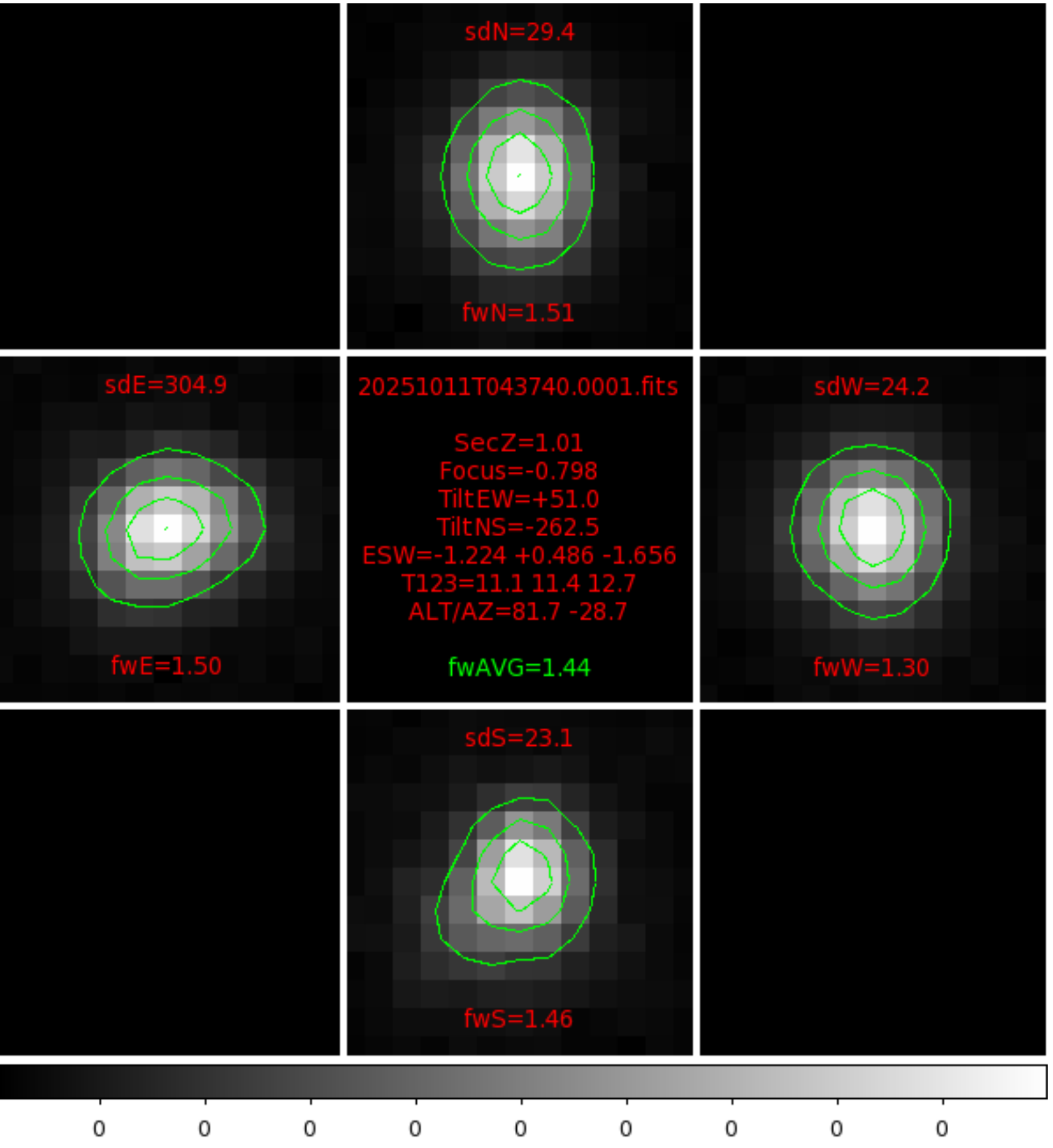
sdN=29.4
fwN=1.51
sdE=304.9
fwE=1.50
20251011T043740.0001.fits
SecZ=1.01
Focus=-0.798
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.224 +0.486 -1.656
T123=11.1 11.4 12.7
ALT/AZ=81.7 -28.7
fwAVG=1.44
sdW=24.2
fwW=1.30
sdS=23.1
fwS=1.46
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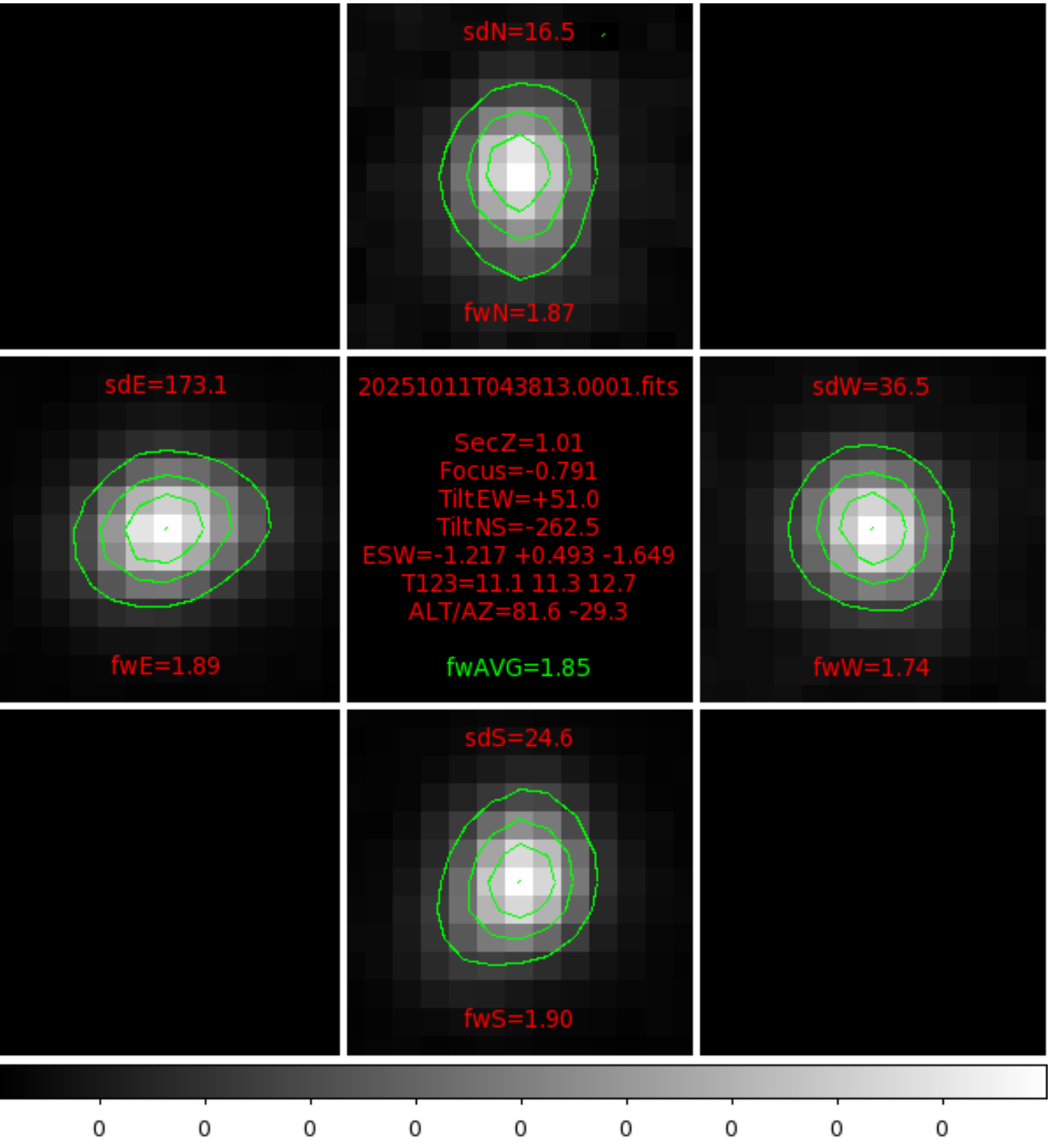
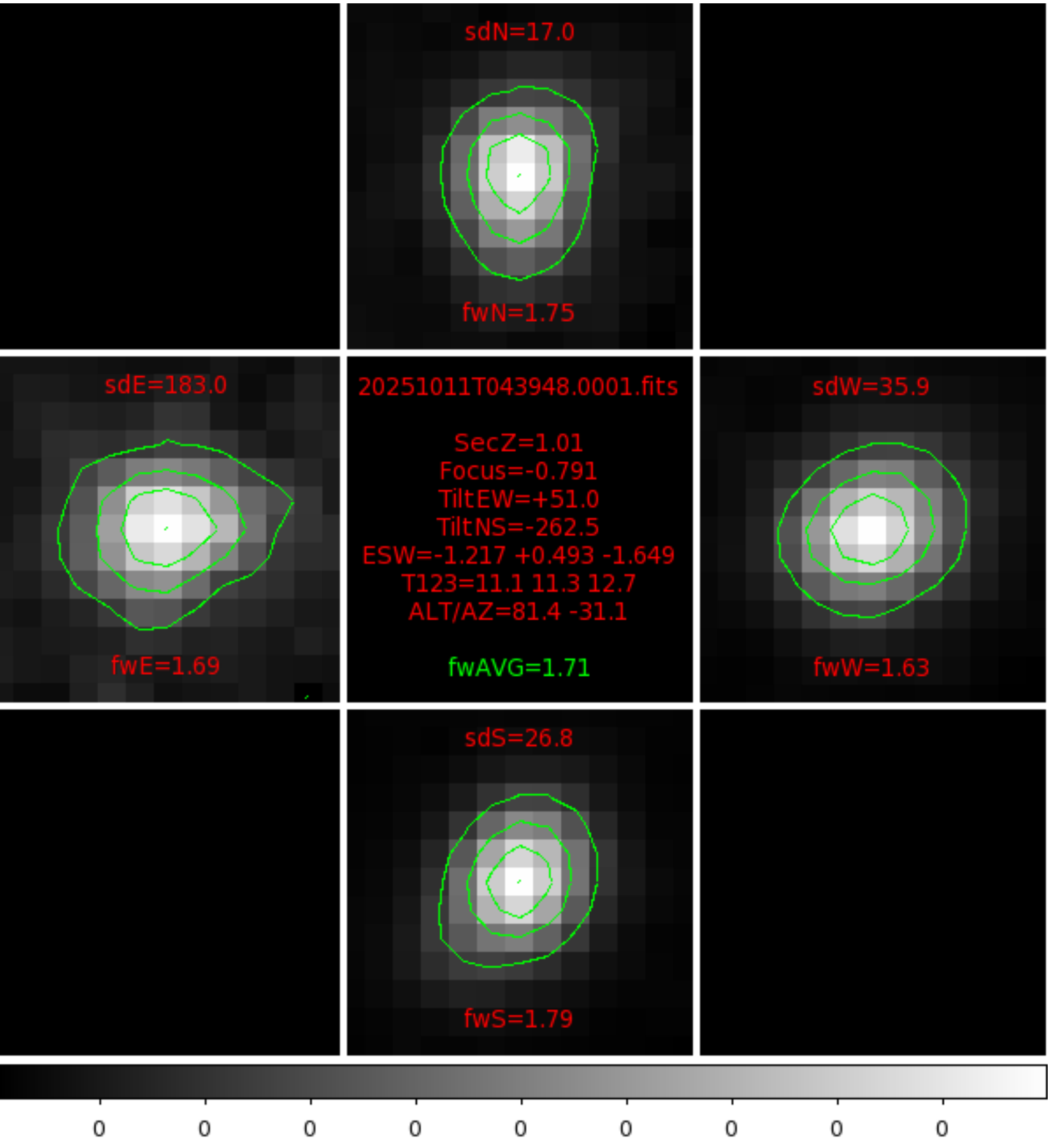
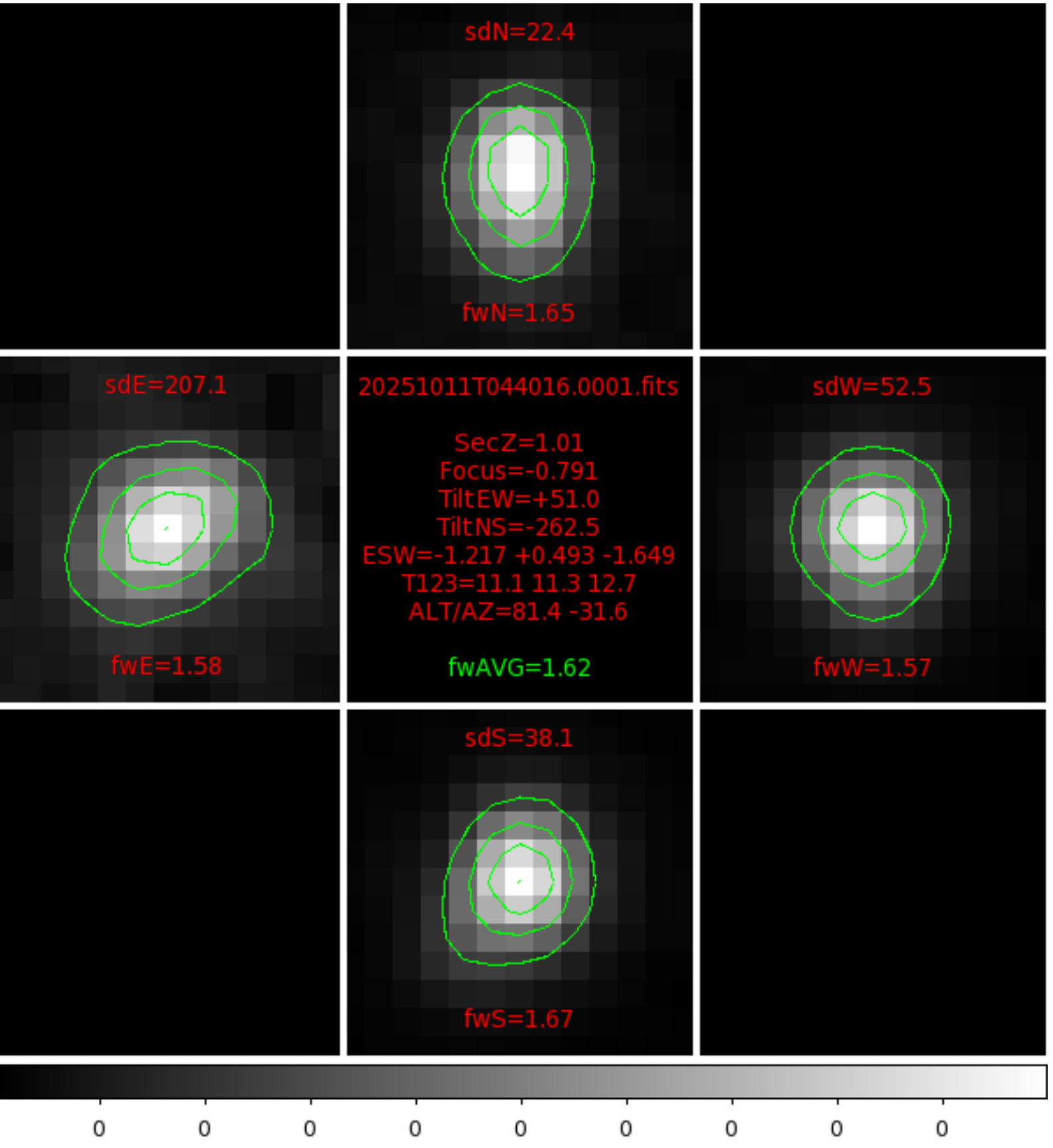
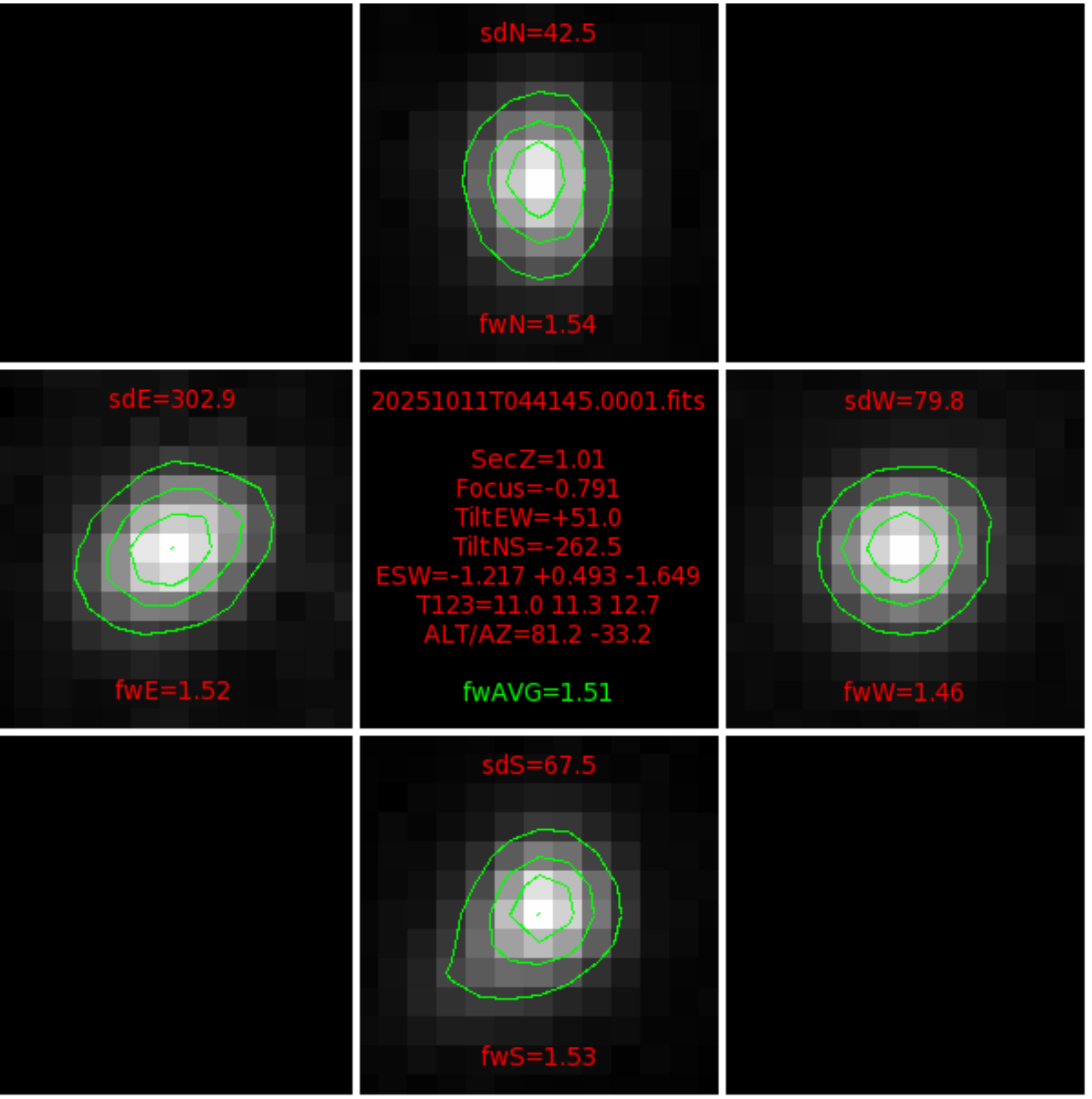
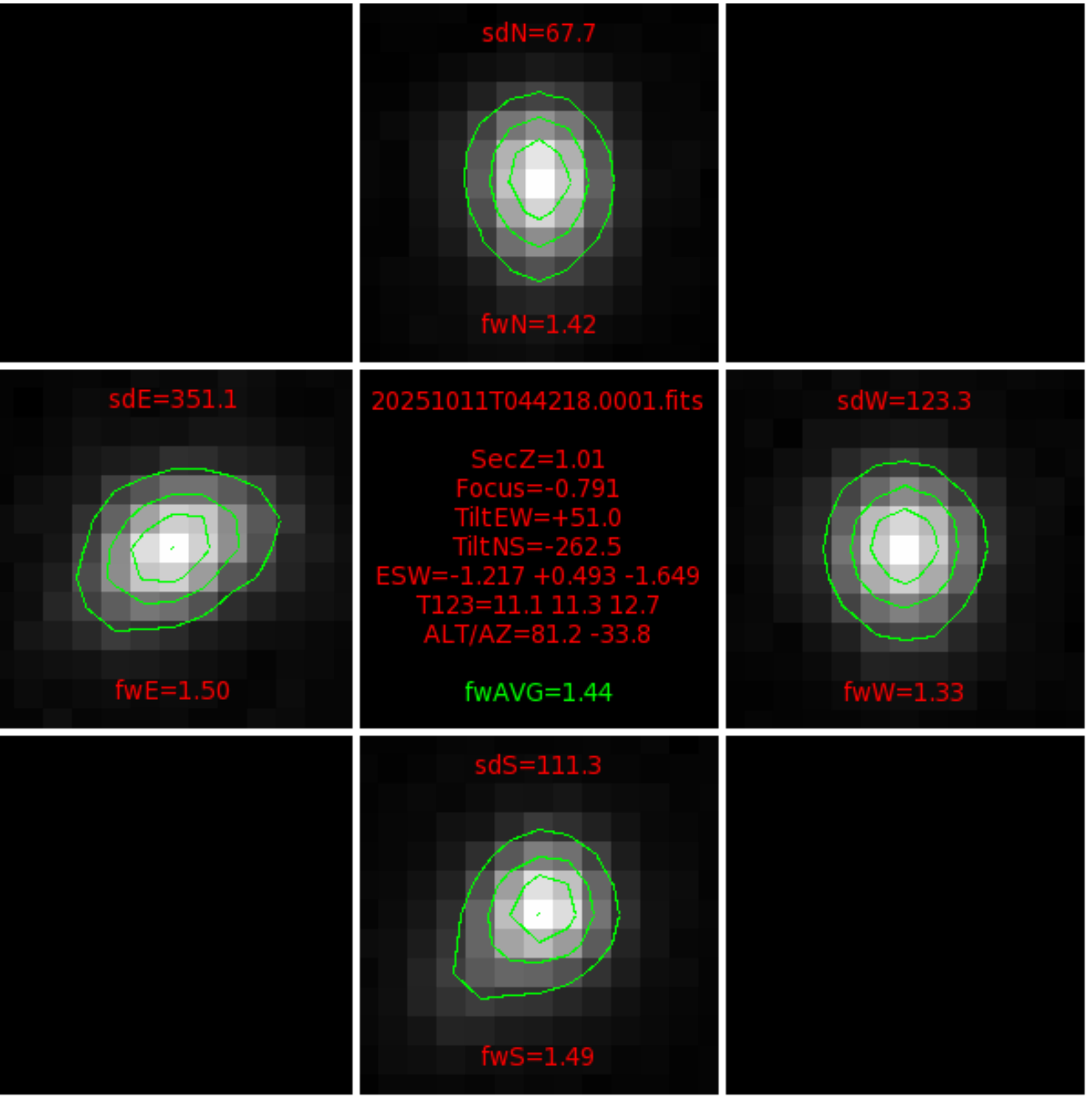
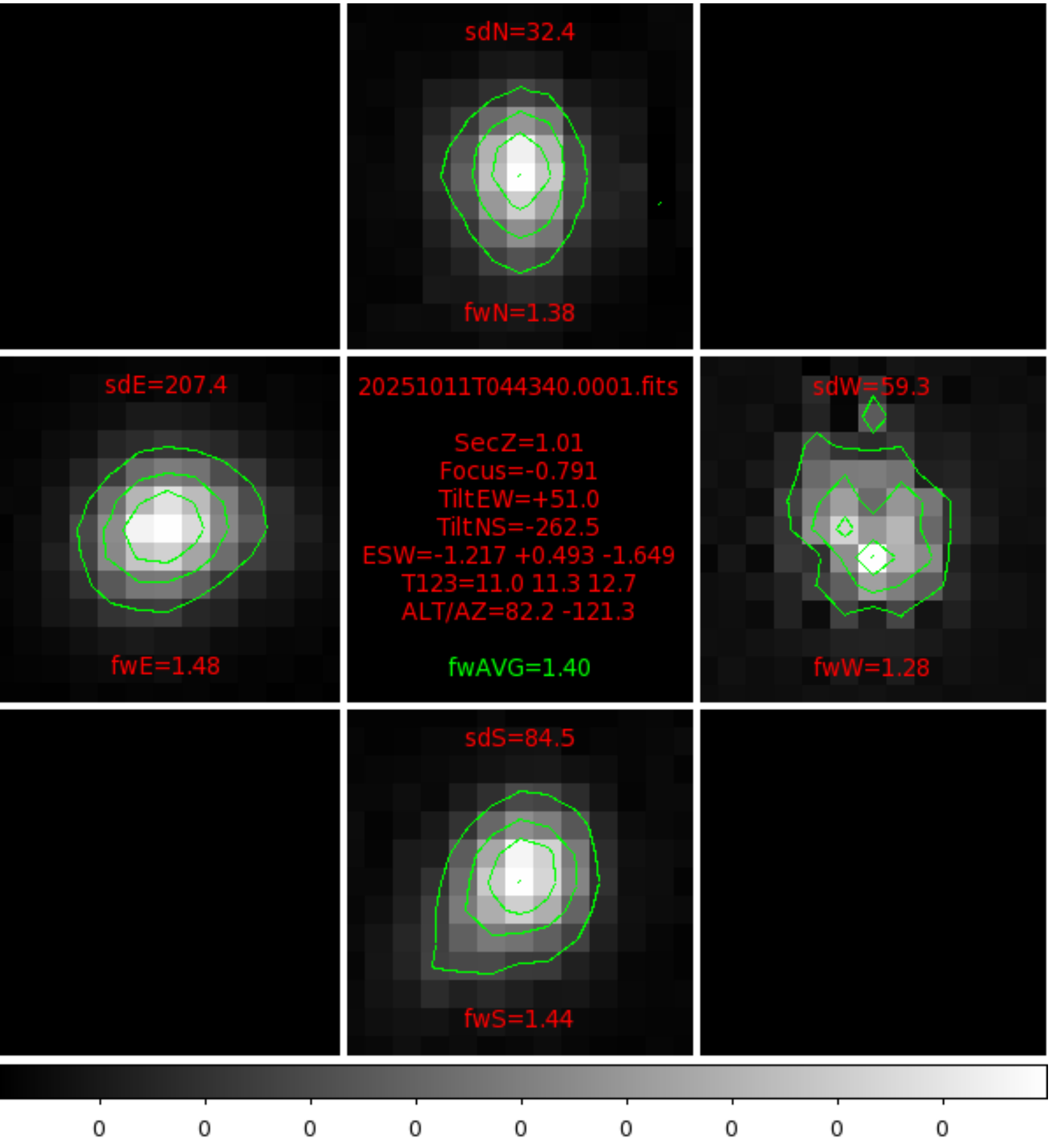

sdN=16.5
fwN=1.87
sdE=173.1
fwE=1.89
20251011T043813.0001.fits
SecZ=1.01
Focus=-0.791
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.217 +0.493 -1.649
T123=11.1 11.3 12.7
ALT/AZ=81.6 -29.3
fwAVG=1.85
sdW=36.5
fwW=1.74
sdS=24.6
fwS=1.90
0 0 0 0 0 0 0 0 0

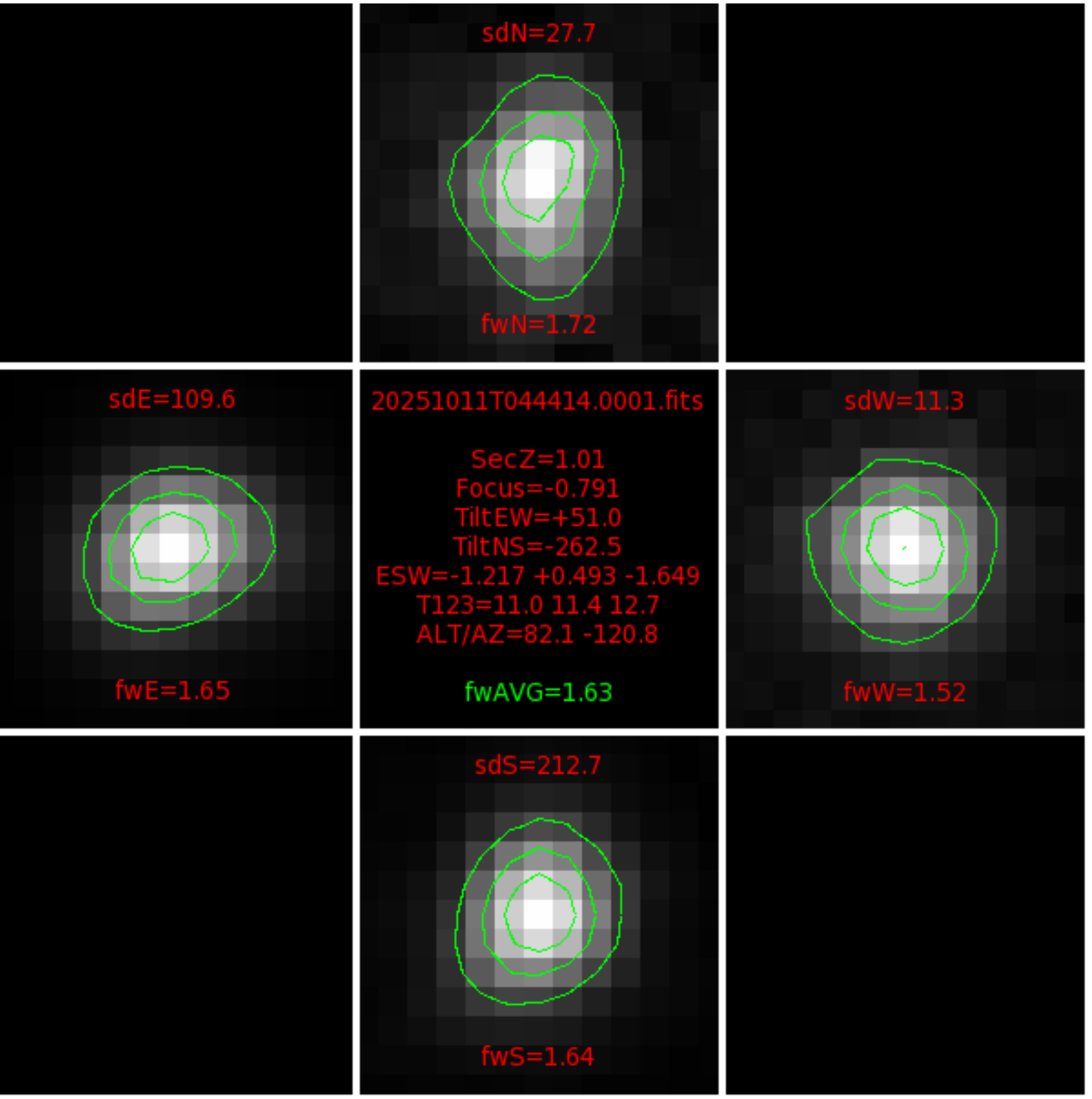

sdN=17.0
fwN=1.75
sdE=183.0
fwE=1.69
20251011T043948.0001.fits
SecZ=1.01
Focus=-0.791
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.217 +0.493 -1.649
T123=11.1 11.3 12.7
ALT/AZ=81.4 -31.1
fwAVG=1.71
sdW=35.9
fwW=1.63
sdS=26.8
fwS=1.79
0 0 0 0 0 0 0 0 0

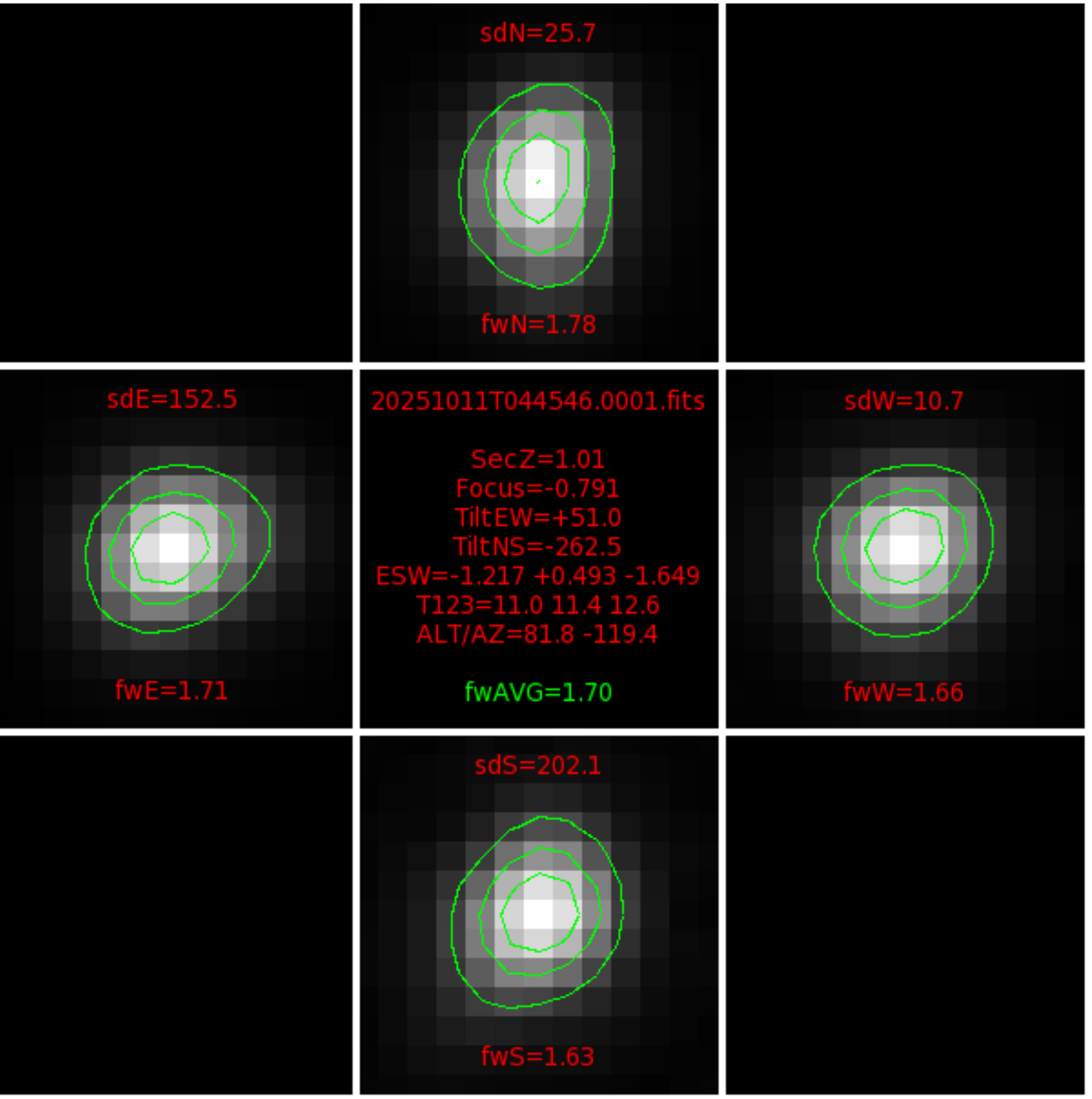

sdN=22.4
fwN=1.65
sdE=207.1
fwE=1.58
20251011T044016.0001.fits
SecZ=1.01
Focus=-0.791
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.217 +0.493 -1.649
T123=11.1 11.3 12.7
ALT/AZ=81.4 -31.6
fwAVG=1.62
sdW=52.5
fwW=1.57
sdS=38.1
fwS=1.67
0 0 0 0 0 0 0 0 0

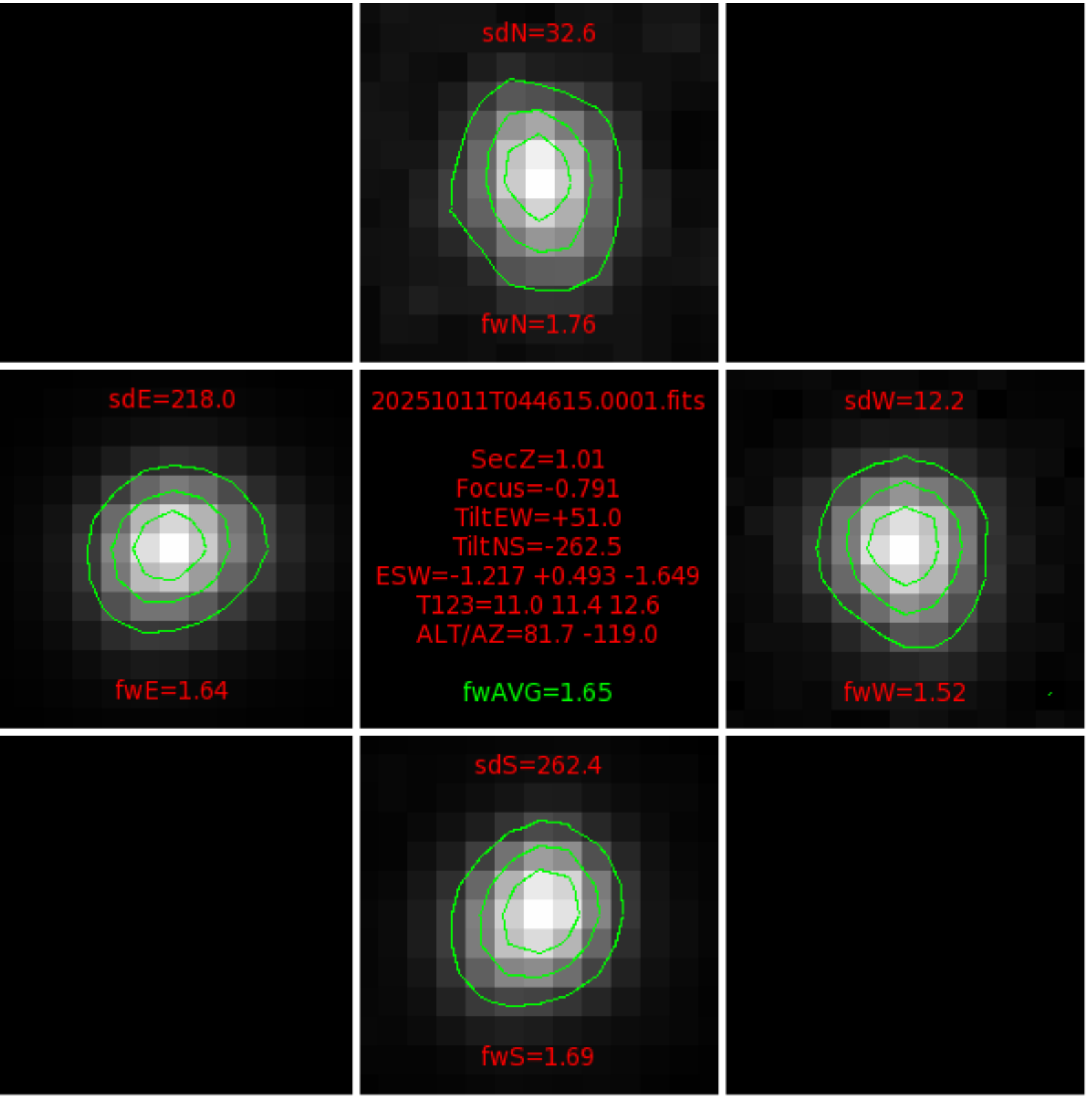

sdN=42.5
fwN=1.54
sdE=302.9
fwE=1.52
20251011T044145.0001.fits
SecZ=1.01
Focus=-0.791
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.217 +0.493 -1.649
T123=11.0 11.3 12.7
ALT/AZ=81.2 -33.2
fwAVG=1.51
sdW=79.8
fwW=1.46
sdS=67.5
fwS=1.53
0 0 0 0 0 0 0 0 0

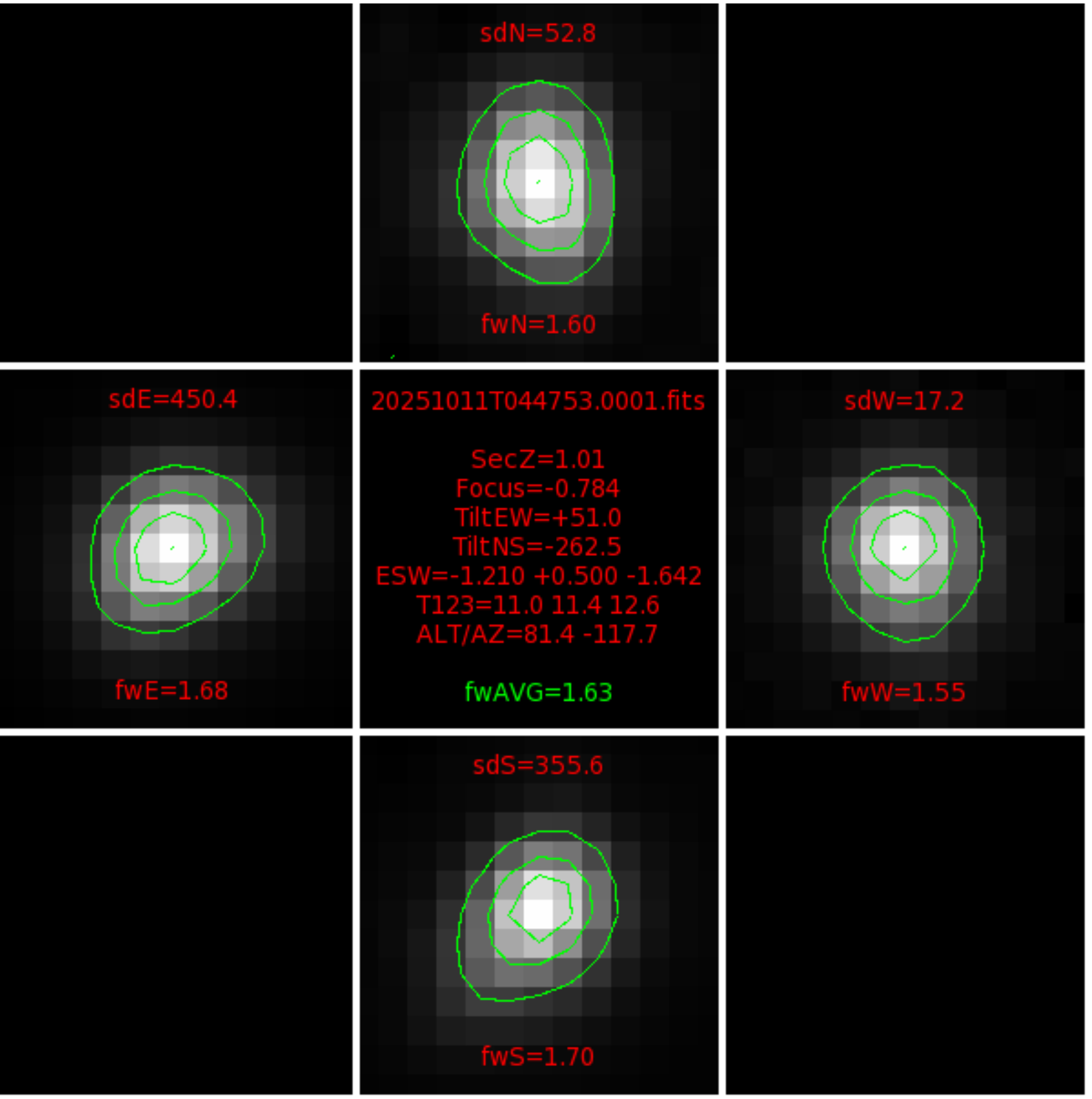

sdN=67.7
fwN=1.42
sdE=351.1
fwE=1.50
20251011T044218.0001.fits
SecZ=1.01
Focus=-0.791
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.217 +0.493 -1.649
T123=11.1 11.3 12.7
ALT/AZ=81.2 -33.8
fwAVG=1.44
sdW=123.3
fwW=1.33
sdS=111.3
fwS=1.49
0 0 0 0 0 0 0 0 0

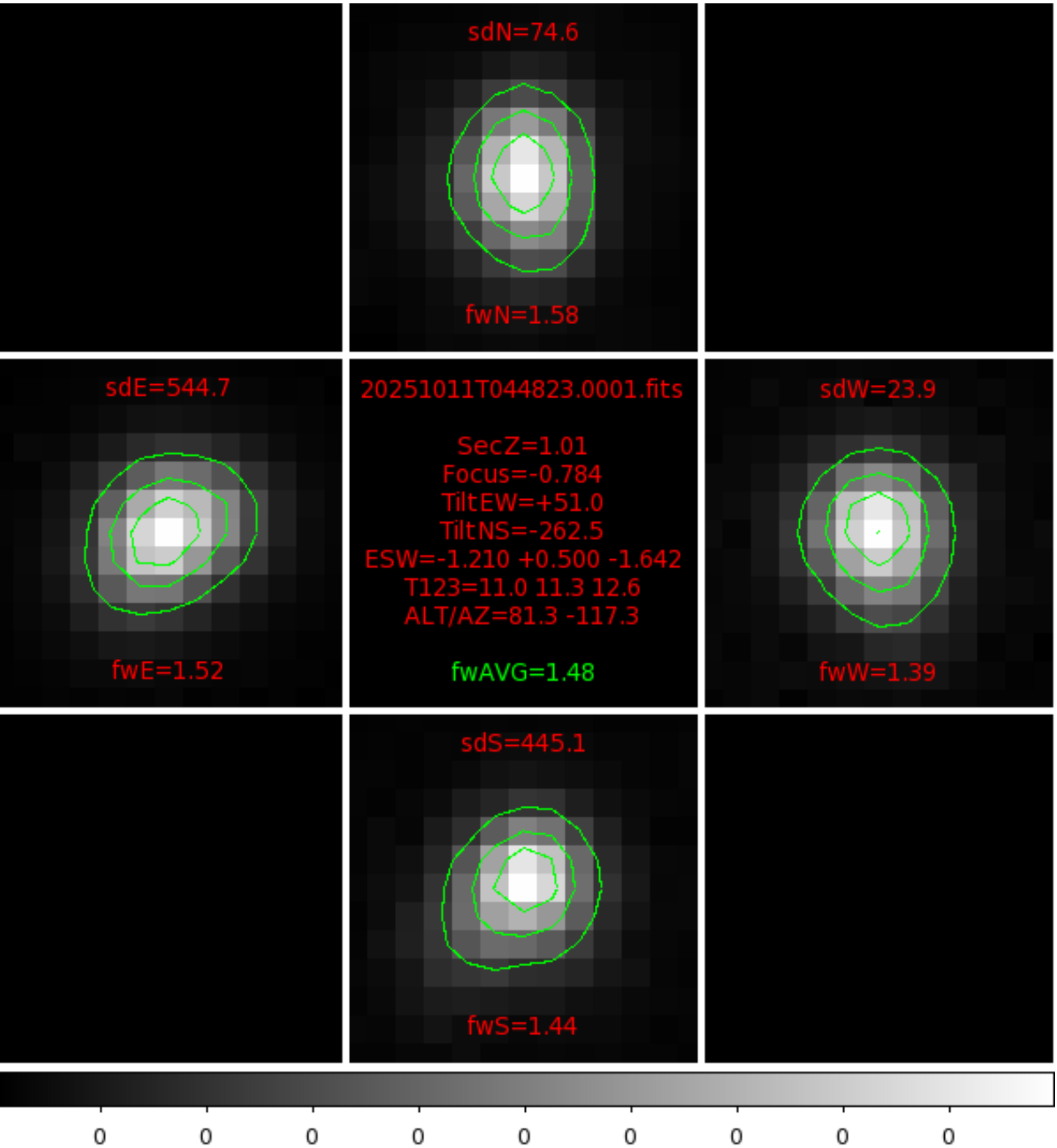

sdN=32.4
fwN=1.38
sdE=207.4
fwE=1.48
20251011T044340.0001.fits
SecZ=1.01
Focus=-0.791
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.217 +0.493 -1.649
T123=11.0 11.3 12.7
ALT/AZ=82.2 -121.3
fwAVG=1.40
sdW=59.3
fwW=1.28
sdS=84.5
fwS=1.44
0 0 0 0 0 0 0 0 0

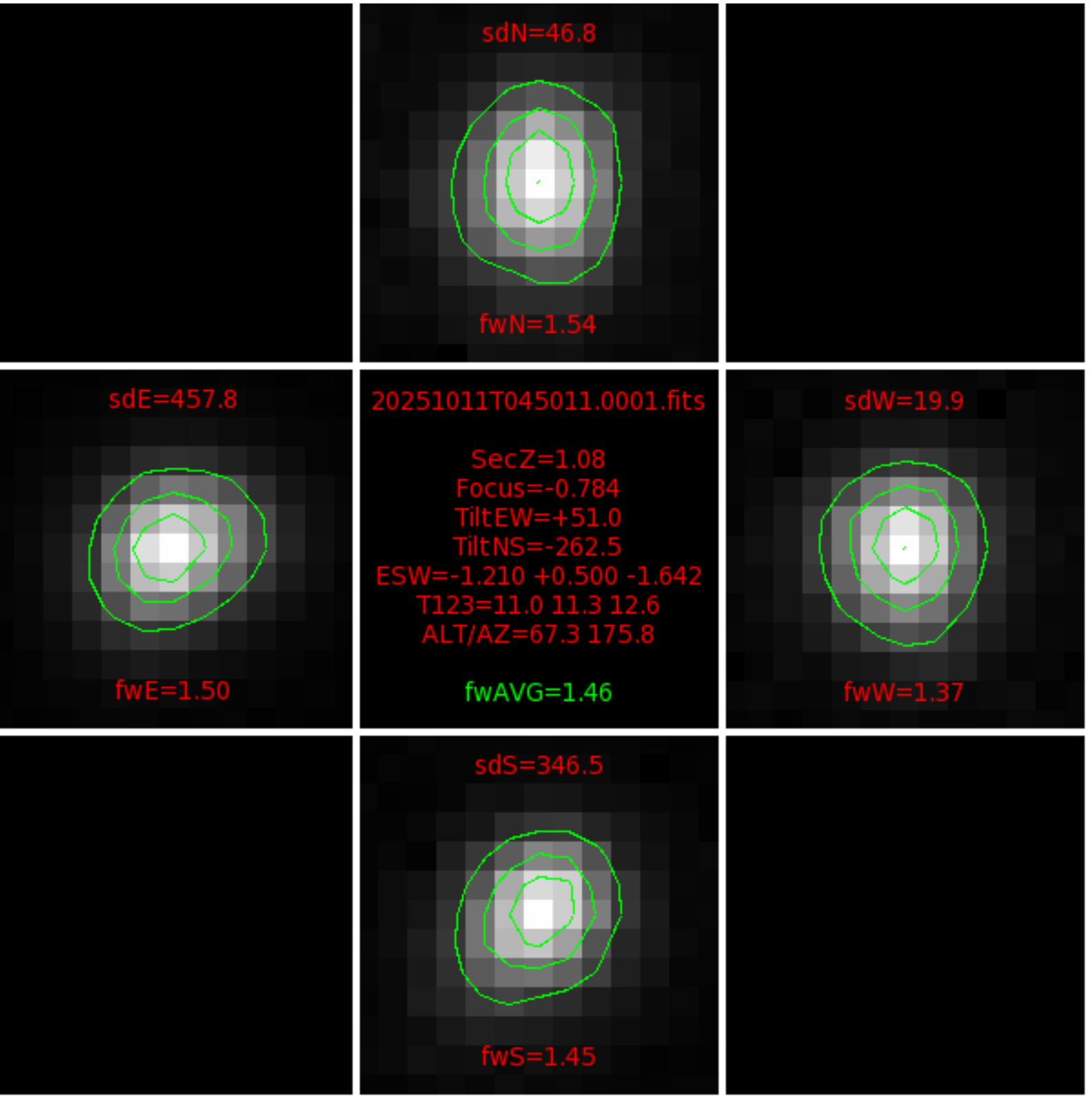

sdN=27.7
fwN=1.72
sdE=109.6
fwE=1.65
20251011T044414.0001.fits
SecZ=1.01
Focus=-0.791
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.217 +0.493 -1.649
T123=11.0 11.4 12.7
ALT/AZ=82.1 -120.8
fwAVG=1.63
sdW=11.3
fwW=1.52
sdS=212.7
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=25.7
fwN=1.78
sdE=152.5
fwE=1.71
20251011T044546.0001.fits
SecZ=1.01
Focus=-0.791
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.217 +0.493 -1.649
T123=11.0 11.4 12.6
ALT/AZ=81.8 -119.4
fwAVG=1.70
sdW=10.7
fwW=1.66
sdS=202.1
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=32.6
fwN=1.76
sdE=218.0
fwE=1.64
20251011T044615.0001.fits
SecZ=1.01
Focus=-0.791
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.217 +0.493 -1.649
T123=11.0 11.4 12.6
ALT/AZ=81.7 -119.0
fwAVG=1.65
sdW=12.2
fwW=1.52
sdS=262.4
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=52.8
fwN=1.60
sdE=450.4
fwE=1.68
20251011T044753.0001.fits
SecZ=1.01
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.4 12.6
ALT/AZ=81.4 -117.7
fwAVG=1.63
sdW=17.2
fwW=1.55
sdS=355.6
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=74.6
fwN=1.58
sdE=544.7
fwE=1.52
20251011T044823.0001.fits
SecZ=1.01
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.3 12.6
ALT/AZ=81.3 -117.3
fwAVG=1.48
sdW=23.9
fwW=1.39
sdS=445.1
fwS=1.44
0 0 0 0 0 0 0 0 0


sdN=46.8
fwN=1.54
sdE=457.8
fwE=1.50
20251011T045011.0001.fits
SecZ=1.08
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.3 12.6
ALT/AZ=67.3 175.8
fwAVG=1.46
sdW=19.9
fwW=1.37
sdS=346.5
fwS=1.45
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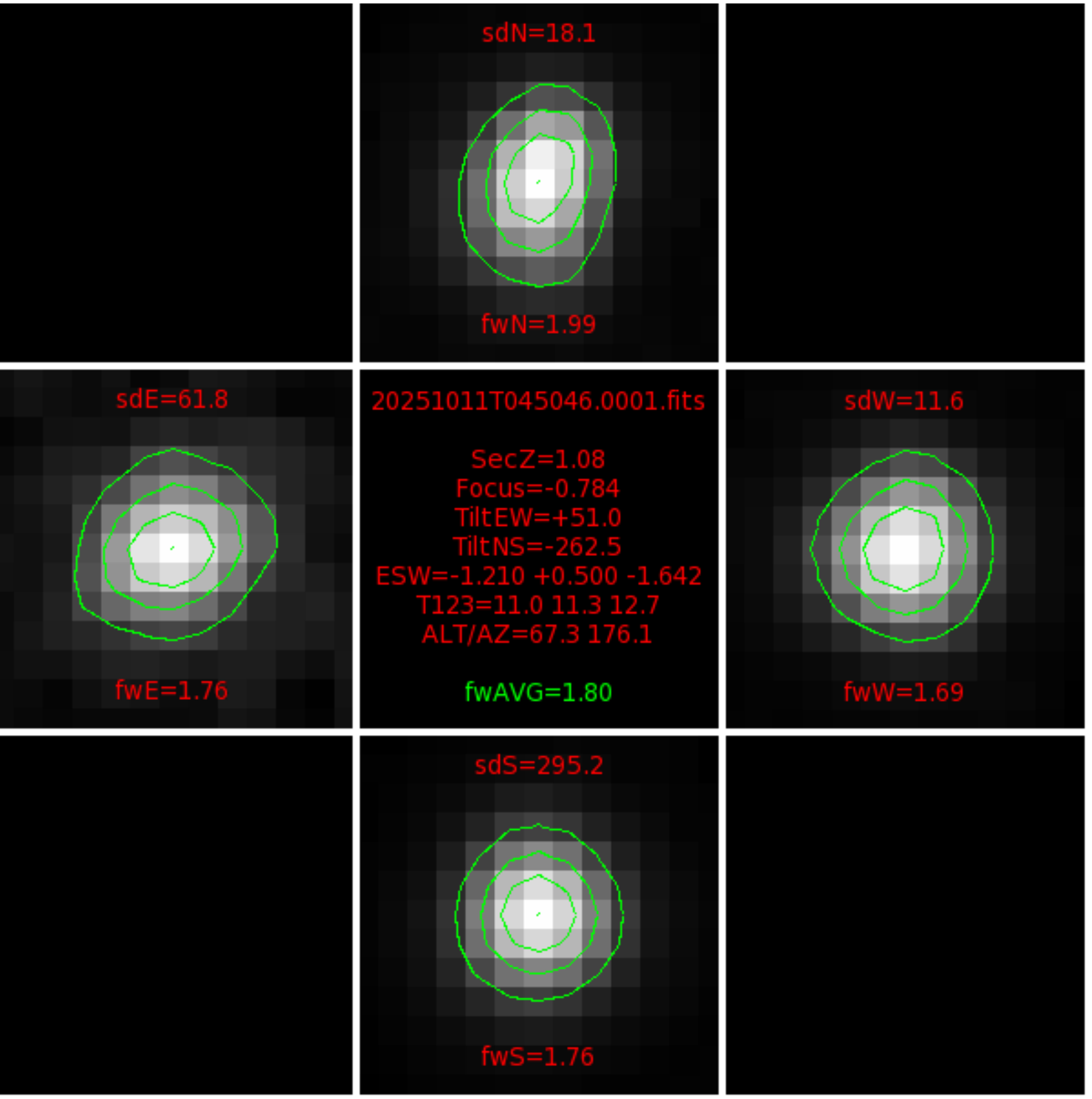
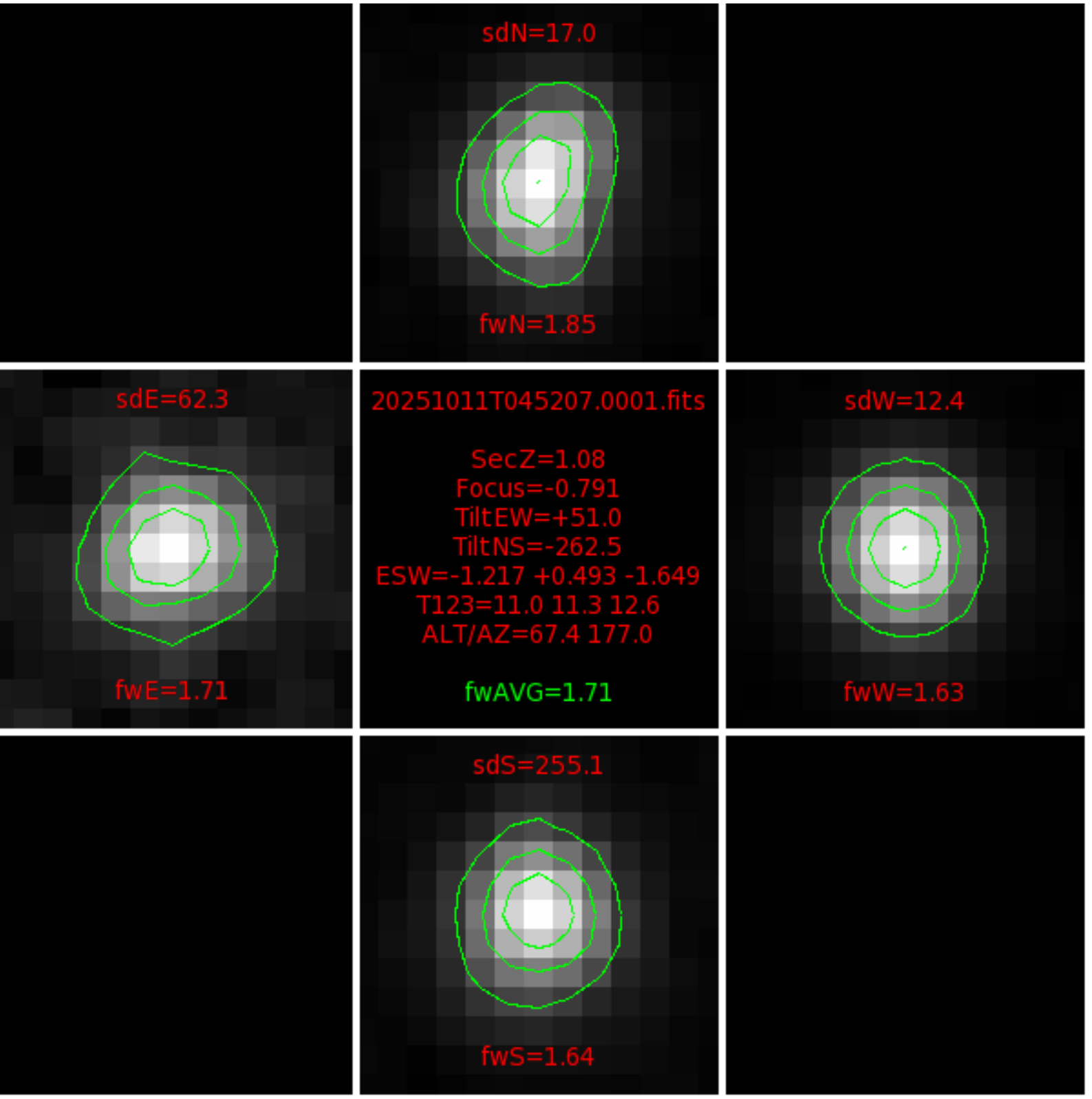
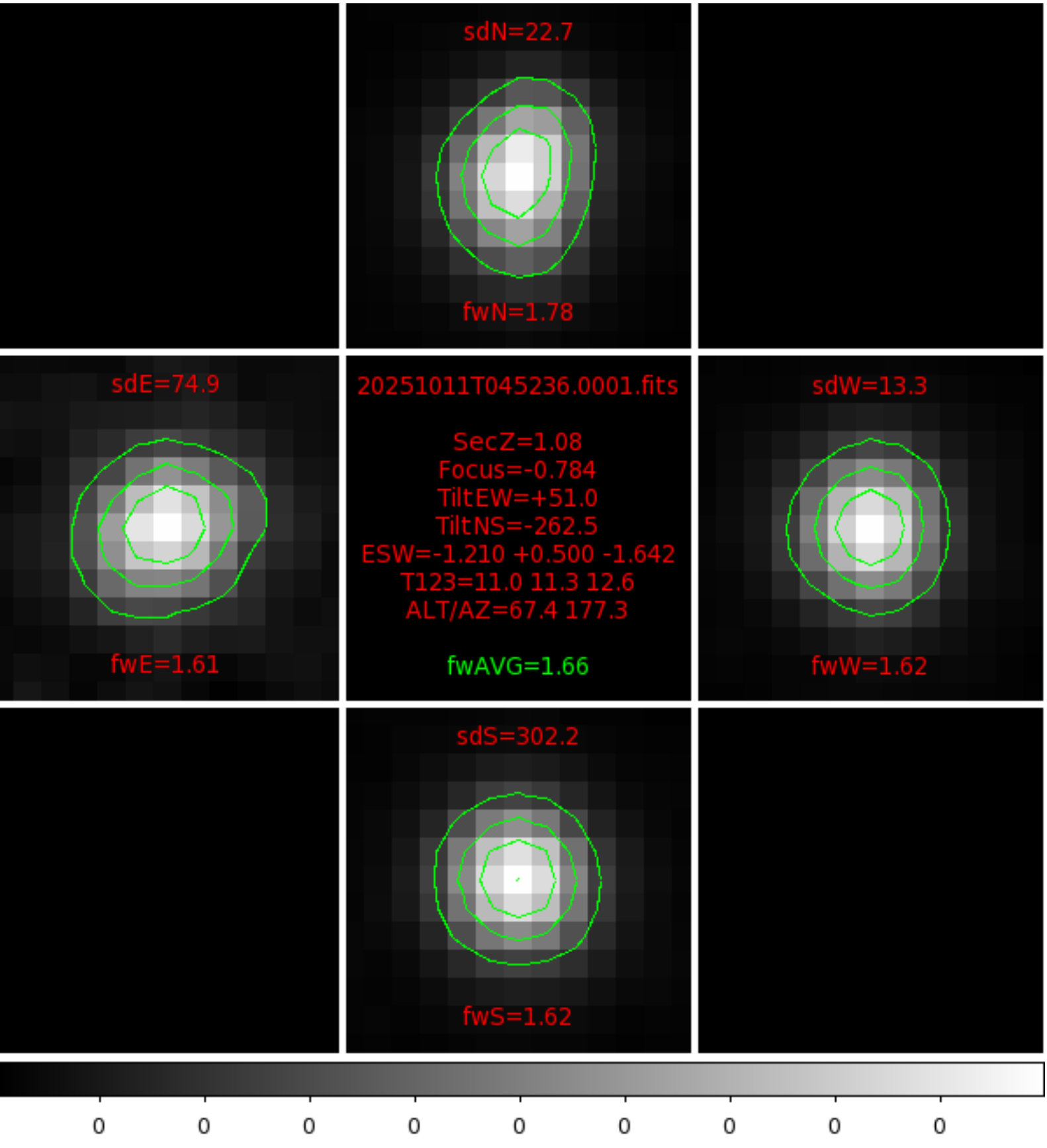

sdN=18.1
fwN=1.99
sdE=61.8
fwE=1.76
20251011T045046.0001.fits
SecZ=1.08
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.3 12.7
ALT/AZ=67.3 176.1
fwAVG=1.80
sdW=11.6
fwW=1.69
sdS=295.2
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=17.0
fwN=1.85
sdE=62.3
fwE=1.71
20251011T045207.0001.fits
SecZ=1.08
Focus=-0.791
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.217 +0.493 -1.649
T123=11.0 11.3 12.6
ALT/AZ=67.4 177.0
fwAVG=1.71
sdW=12.4
fwW=1.63
sdS=255.1
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=22.7
fwN=1.78
sdE=74.9
fwE=1.61
20251011T045236.0001.fits
SecZ=1.08
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.3 12.6
ALT/AZ=67.4 177.3
fwAVG=1.66
sdW=13.3
fwW=1.62
sdS=302.2
fwS=1.62
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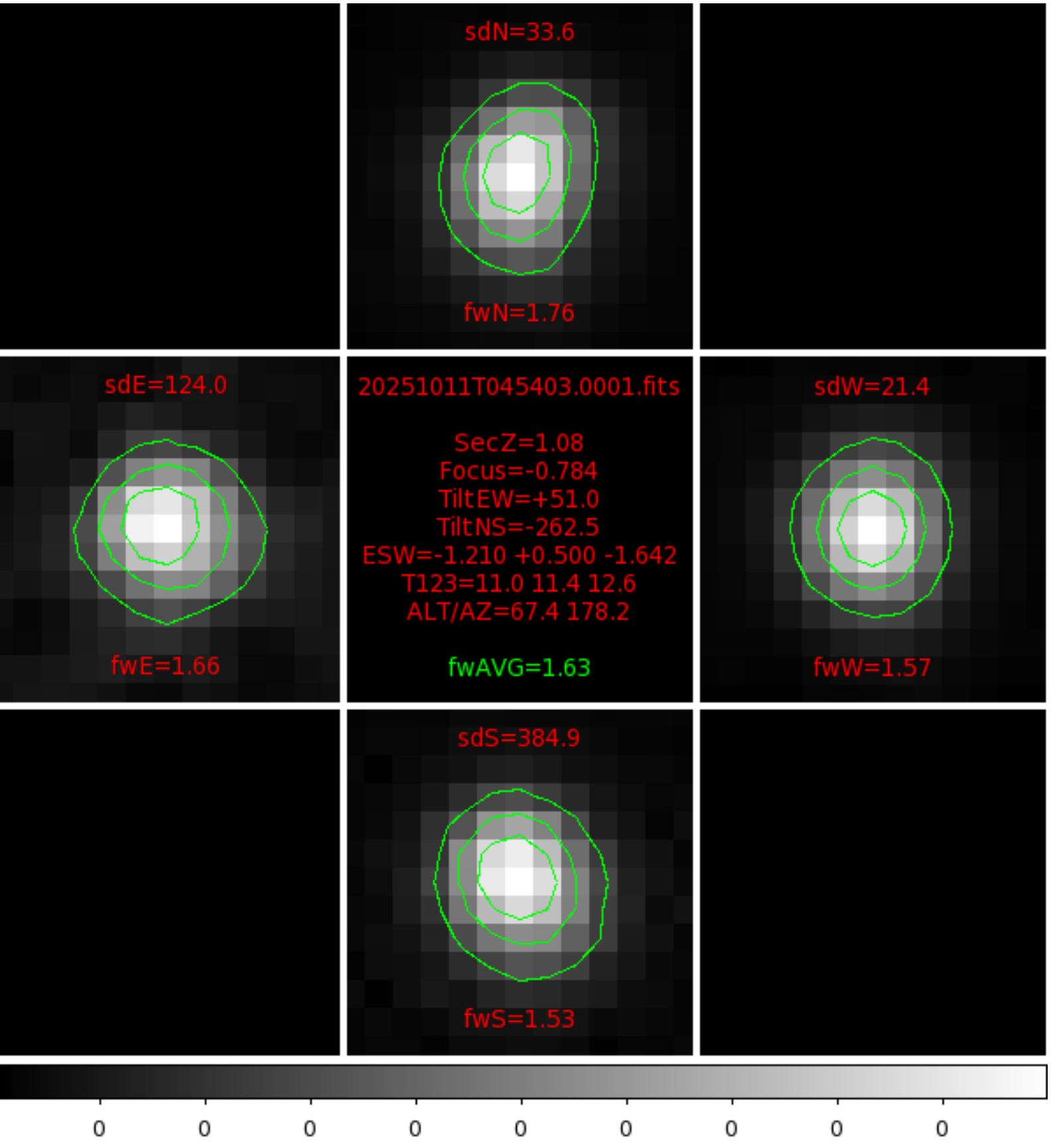
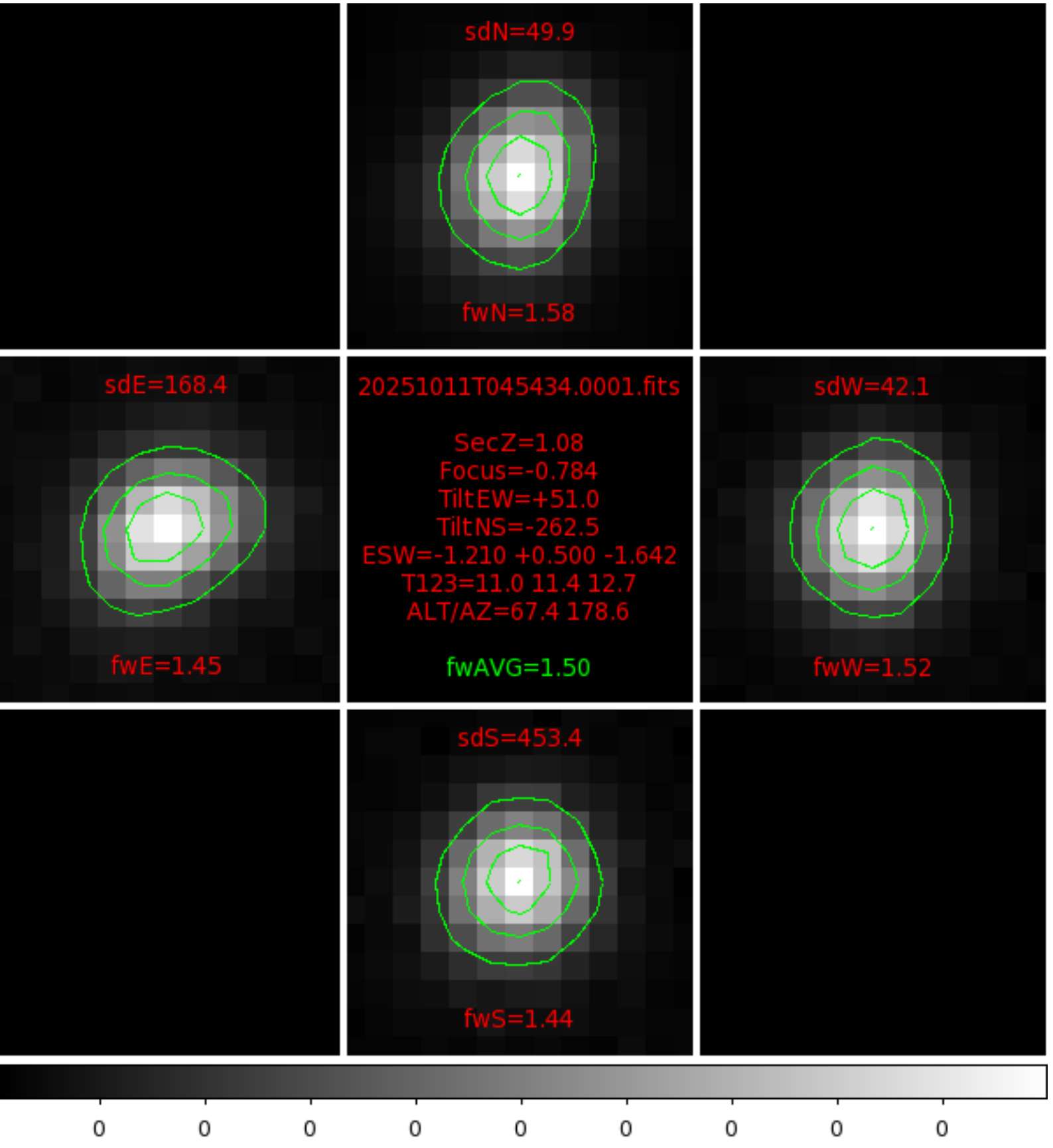

sdN=33.6
fwN=1.76
sdE=124.0
fwE=1.66
20251011T045403.0001.fits
SecZ=1.08
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.4 12.6
ALT/AZ=67.4 178.2
fwAVG=1.63
sdW=21.4
fwW=1.57
sdS=384.9
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=49.9
fwN=1.58
sdE=168.4
fwE=1.45
20251011T045434.0001.fits
SecZ=1.08
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.4 12.7
ALT/AZ=67.4 178.6
fwAVG=1.50
sdW=42.1
fwW=1.52
sdS=453.4
fwS=1.44
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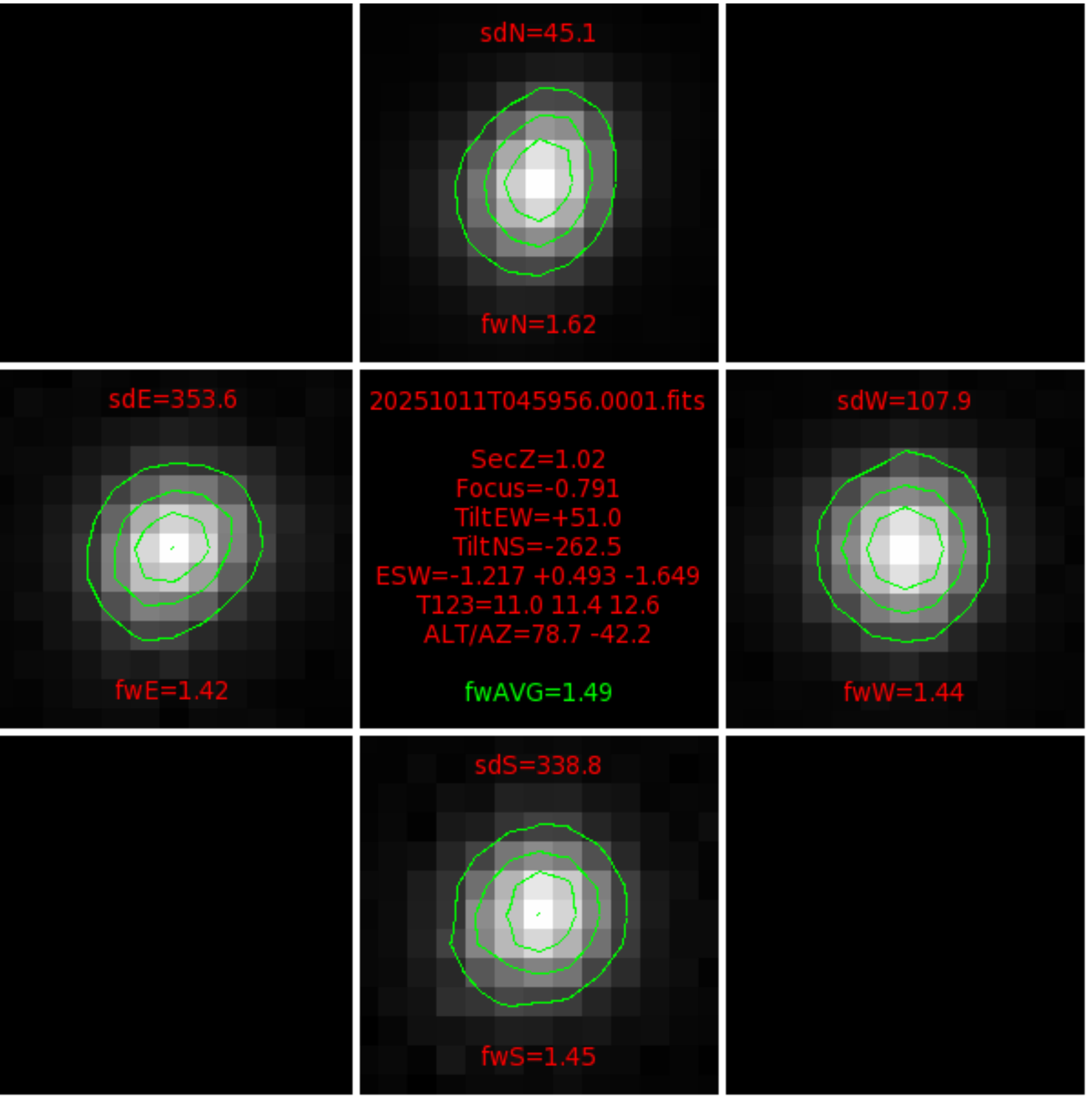
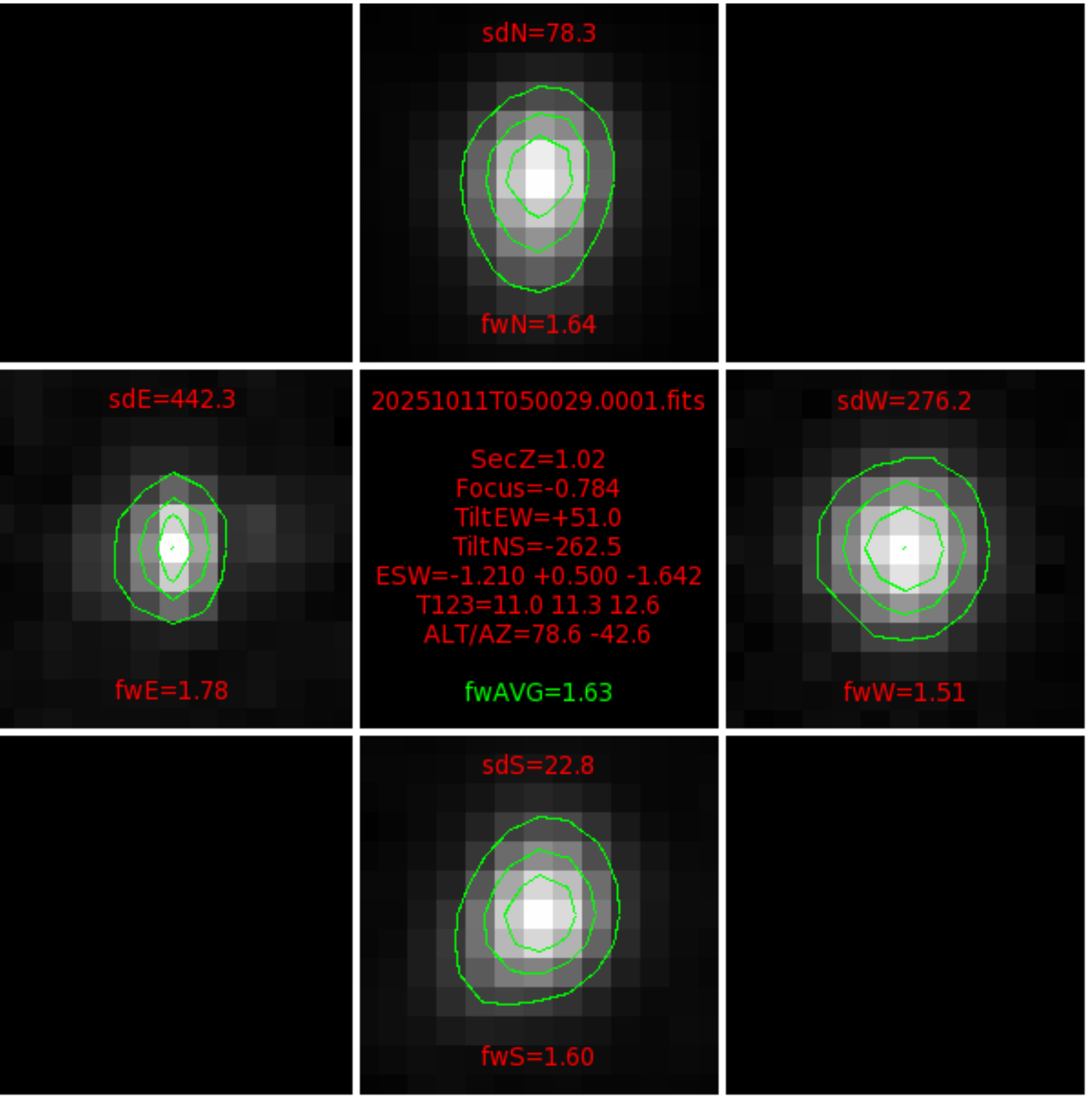
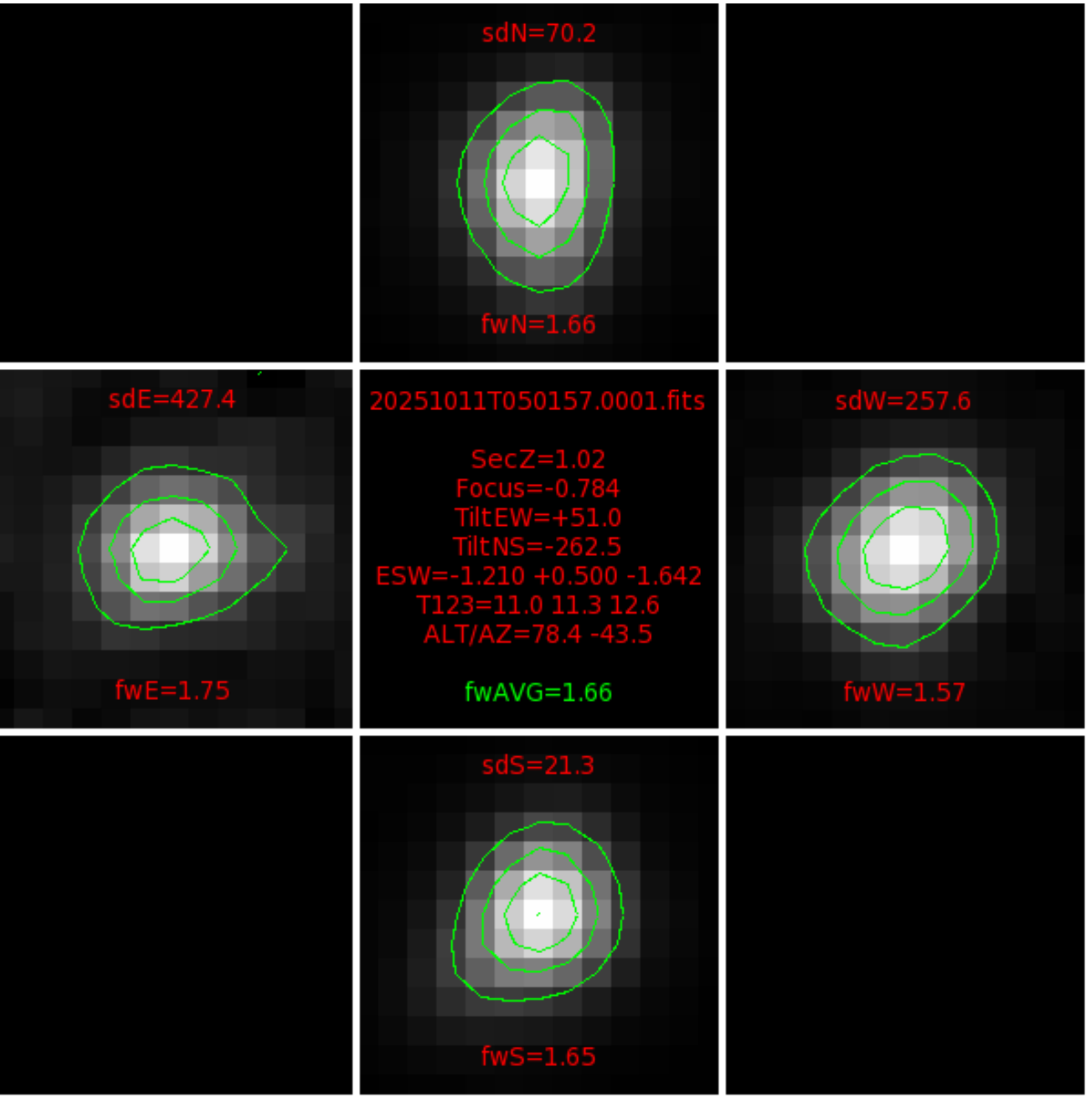
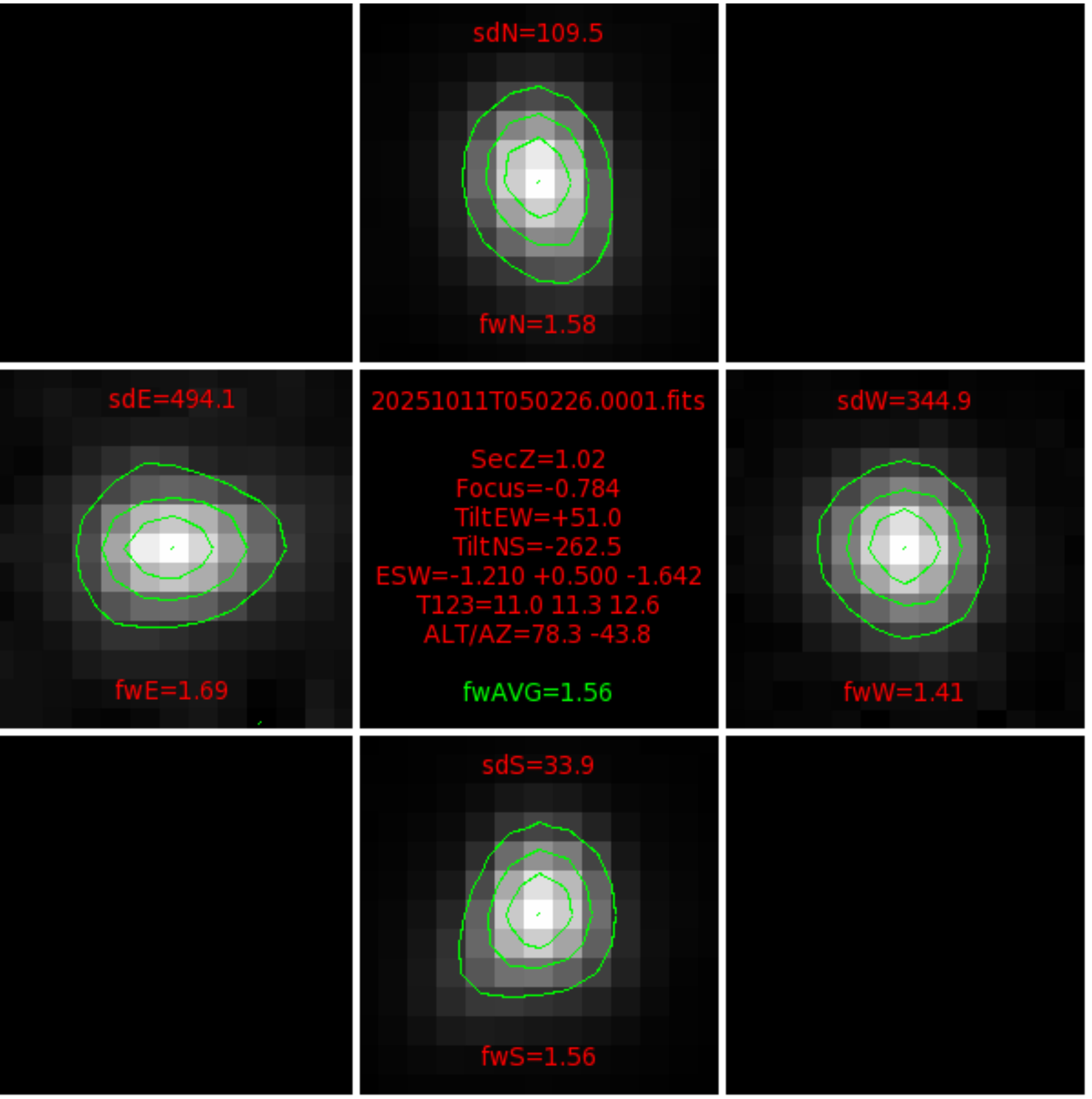
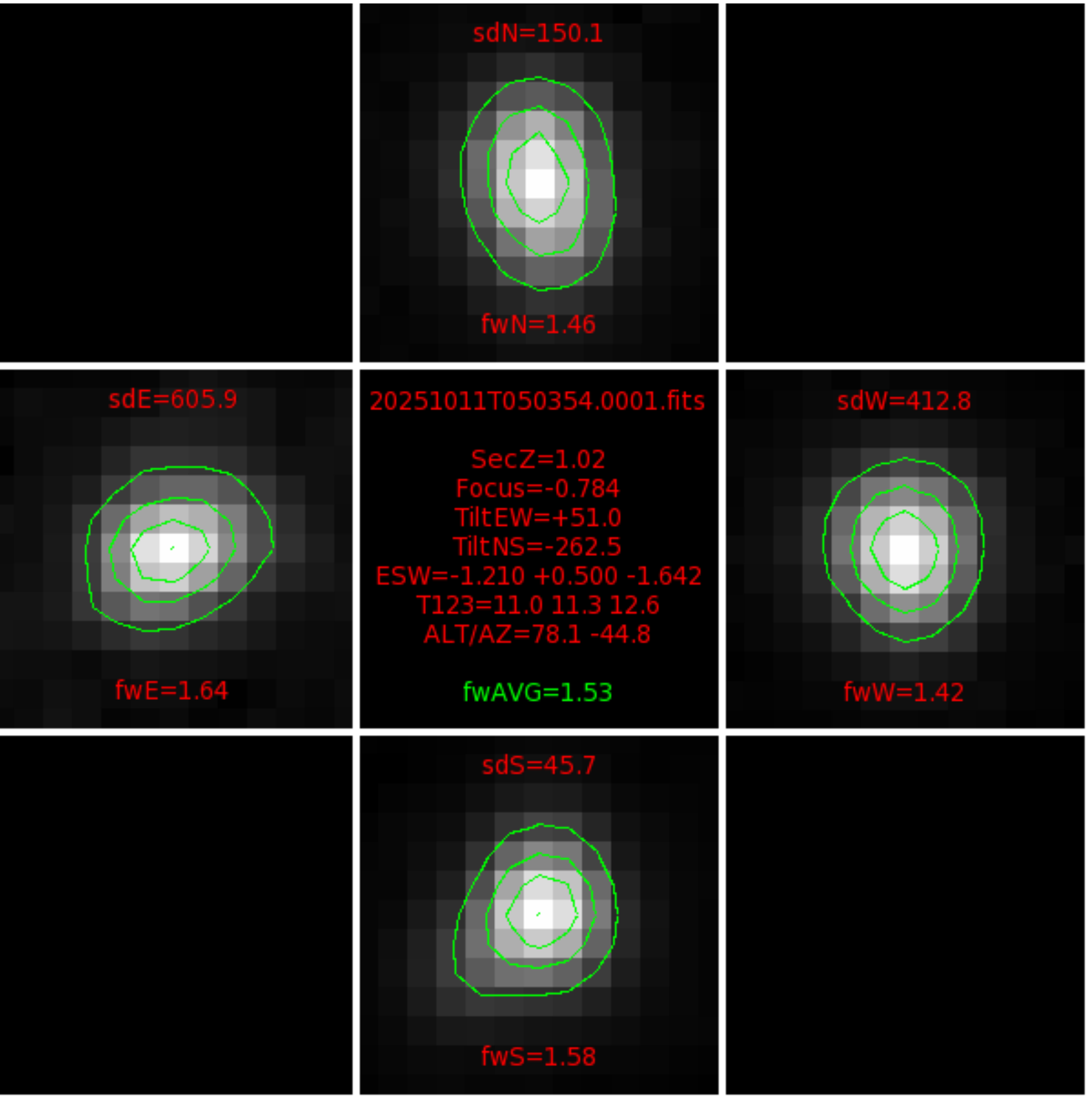
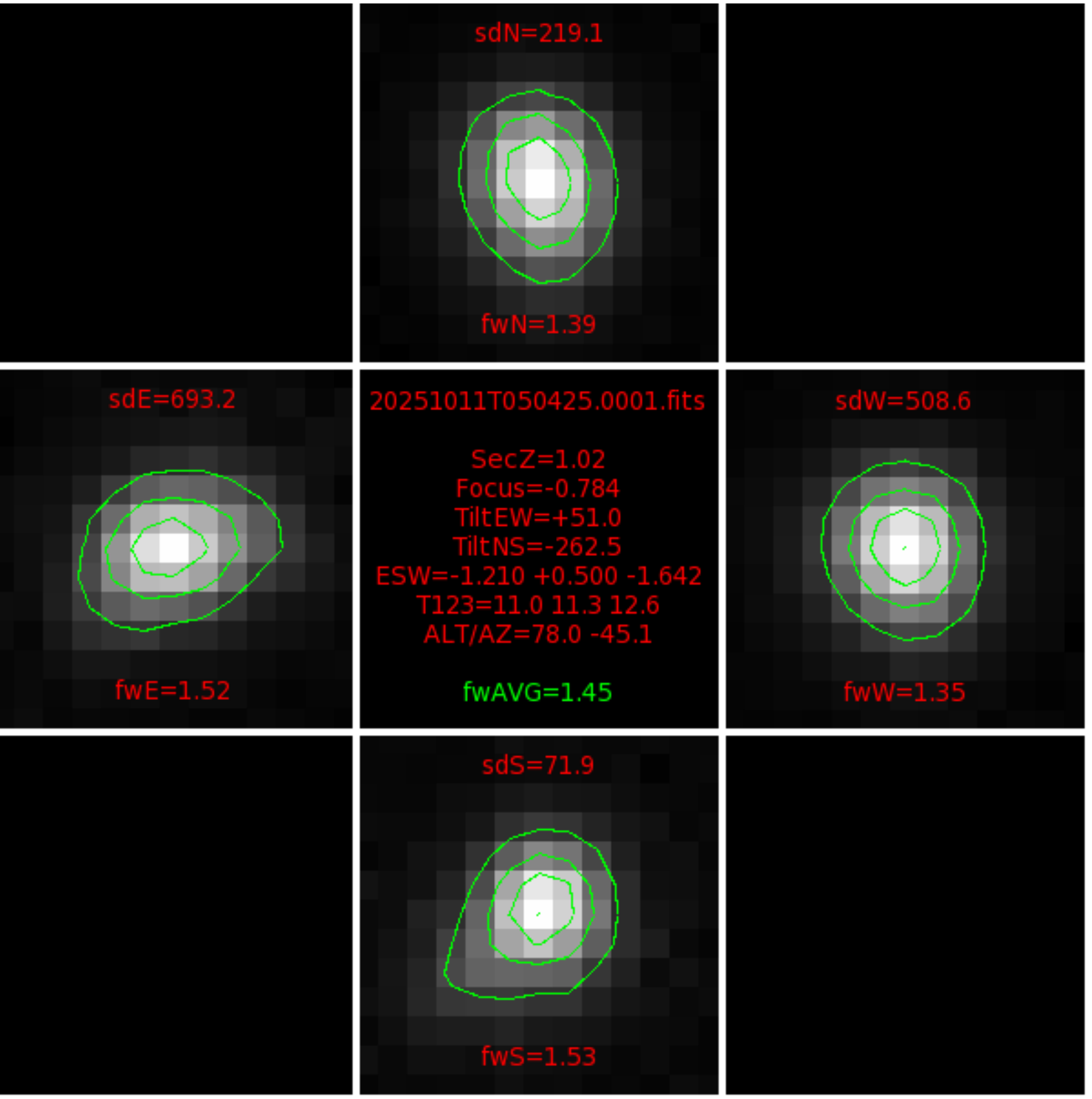

sdN=45.1
fwN=1.62
sdE=353.6
fwE=1.42
20251011T045956.0001.fits
SecZ=1.02
Focus=-0.791
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.217 +0.493 -1.649
T123=11.0 11.4 12.6
ALT/AZ=78.7 -42.2
fwAVG=1.49
sdW=107.9
fwW=1.44
sdS=338.8
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=78.3
fwN=1.64
sdE=442.3
fwE=1.78
20251011T050029.0001.fits
SecZ=1.02
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.3 12.6
ALT/AZ=78.6 -42.6
fwAVG=1.63
sdW=276.2
fwW=1.51
sdS=22.8
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=70.2
fwN=1.66
sdE=427.4
fwE=1.75
20251011T050157.0001.fits
SecZ=1.02
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.3 12.6
ALT/AZ=78.4 -43.5
fwAVG=1.66
sdW=257.6
fwW=1.57
sdS=21.3
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=109.5
fwN=1.58
sdE=494.1
fwE=1.69
20251011T050226.0001.fits
SecZ=1.02
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.3 12.6
ALT/AZ=78.3 -43.8
fwAVG=1.56
sdW=344.9
fwW=1.41
sdS=33.9
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=150.1
fwN=1.46
sdE=605.9
fwE=1.64
20251011T050354.0001.fits
SecZ=1.02
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.3 12.6
ALT/AZ=78.1 -44.8
fwAVG=1.53
sdW=412.8
fwW=1.42
sdS=45.7
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=219.1
fwN=1.39
sdE=693.2
fwE=1.52
20251011T050425.0001.fits
SecZ=1.02
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.3 12.6
ALT/AZ=78.0 -45.1
fwAVG=1.45
sdW=508.6
fwW=1.35
sdS=71.9
fwS=1.53
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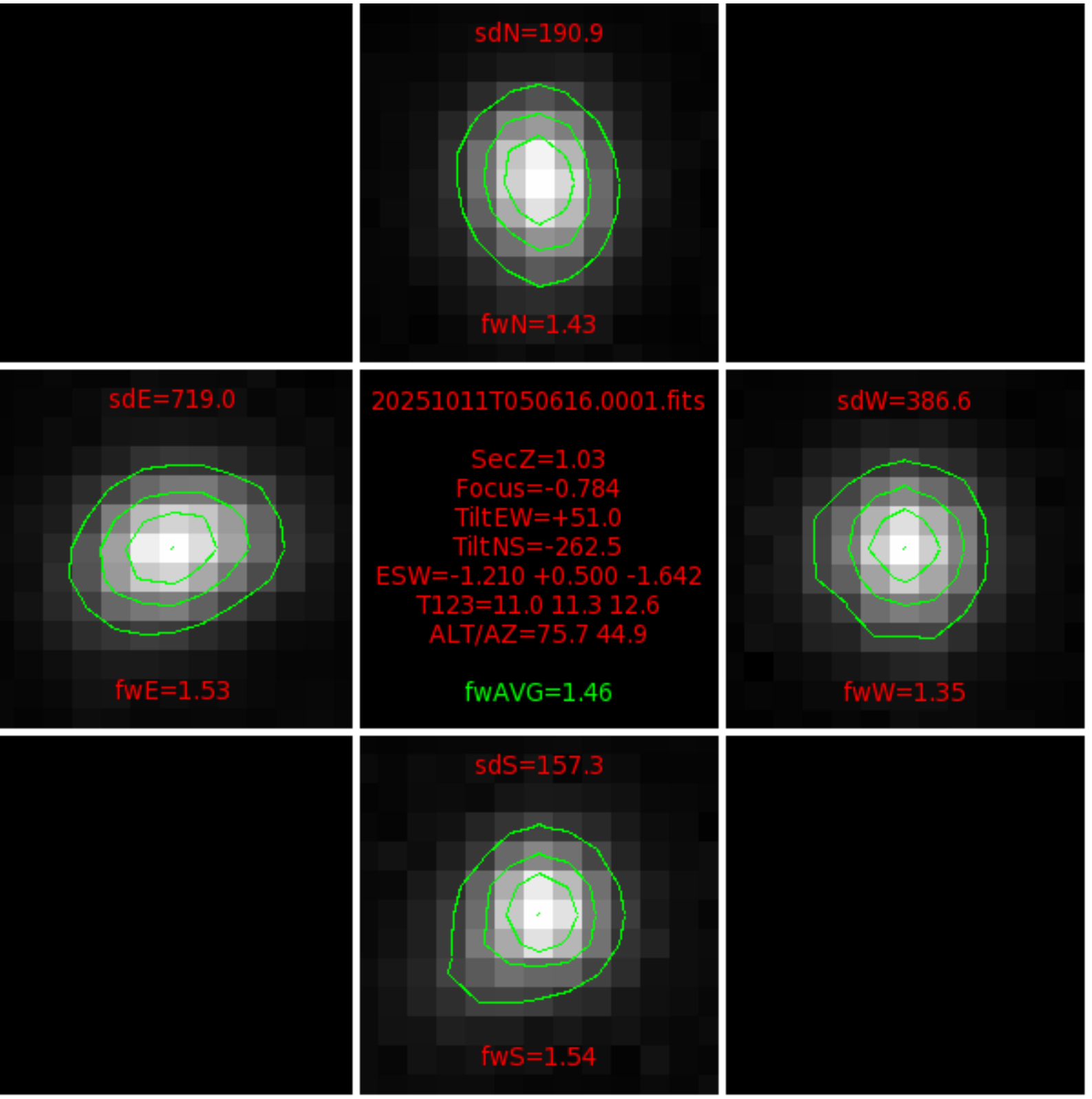
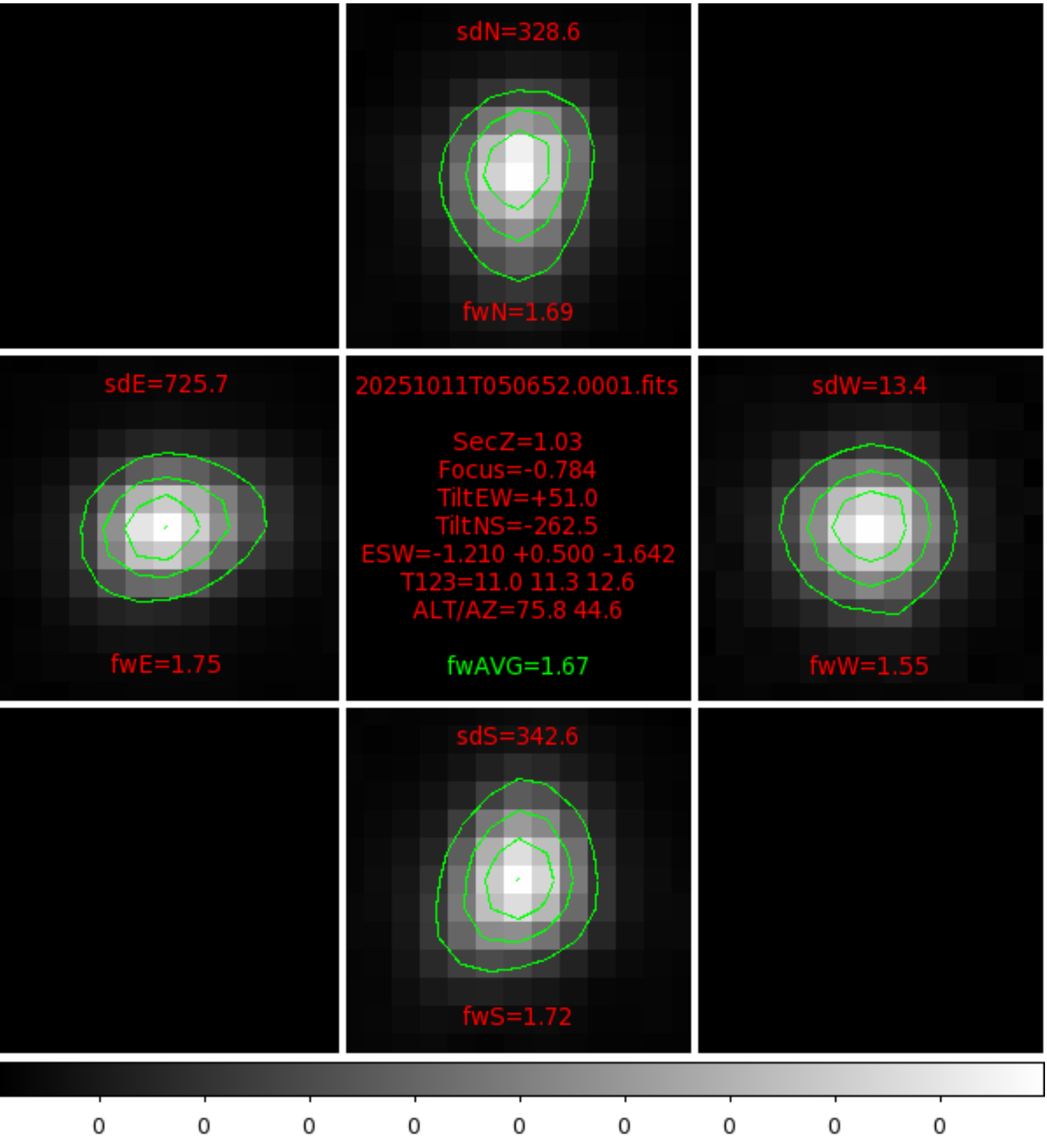
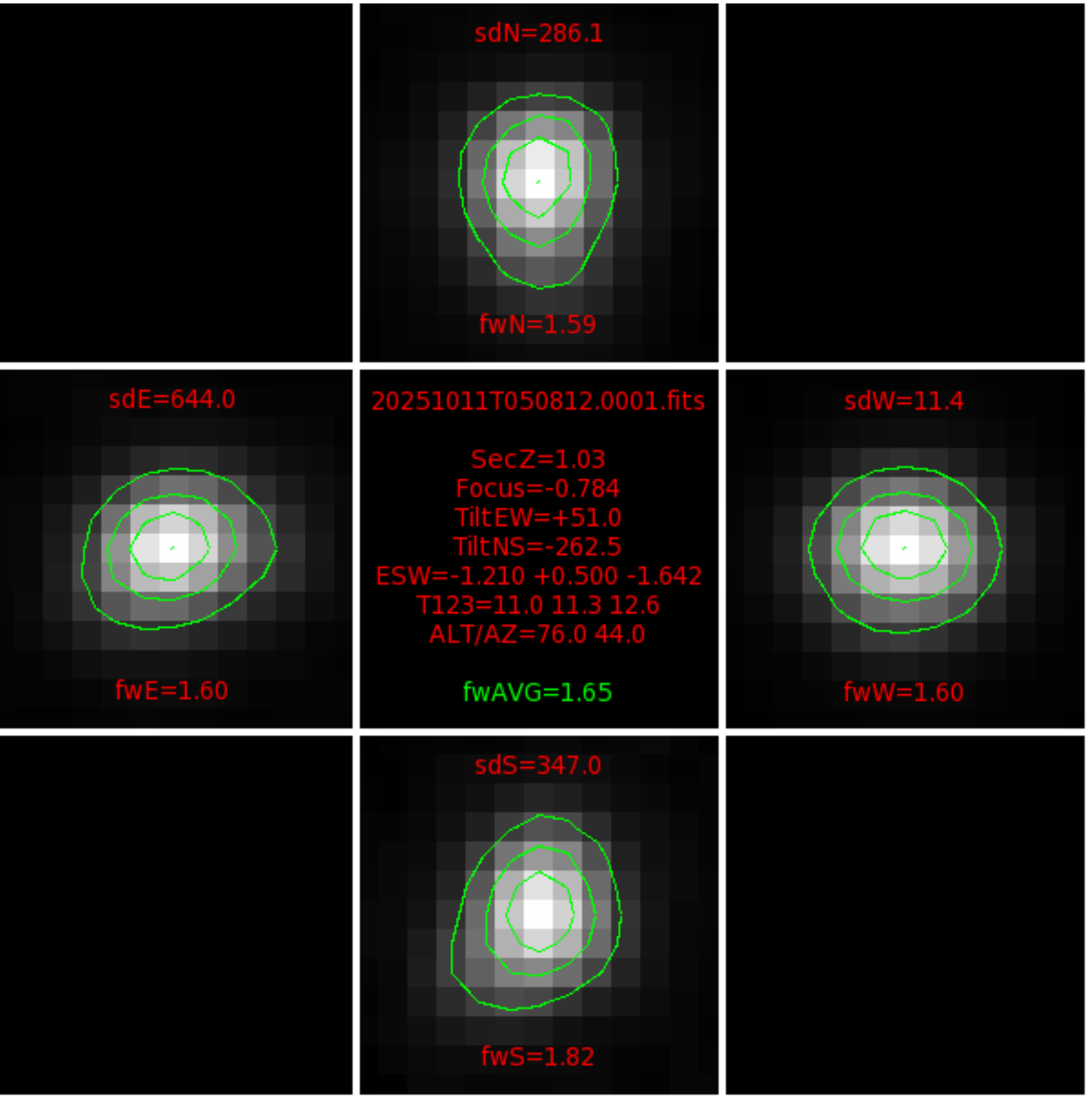

sdN=190.9
fwN=1.43
sdE=719.0
fwE=1.53
20251011T050616.0001.fits
SecZ=1.03
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.3 12.6
ALT/AZ=75.7 44.9
fwAVG=1.46
sdW=386.6
fwW=1.35
sdS=157.3
fwS=1.54
0 0 0 0 0 0 0 0 0


sdN=328.6
fwN=1.69
sdE=725.7
fwE=1.75
20251011T050652.0001.fits
SecZ=1.03
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.3 12.6
ALT/AZ=75.8 44.6
fwAVG=1.67
sdW=13.4
fwW=1.55
sdS=342.6
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=286.1
fwN=1.59
sdE=644.0
fwE=1.60
20251011T050812.0001.fits
SecZ=1.03
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.3 12.6
ALT/AZ=76.0 44.0
fwAVG=1.65
sdW=11.4
fwW=1.60
sdS=347.0
fwS=1.82
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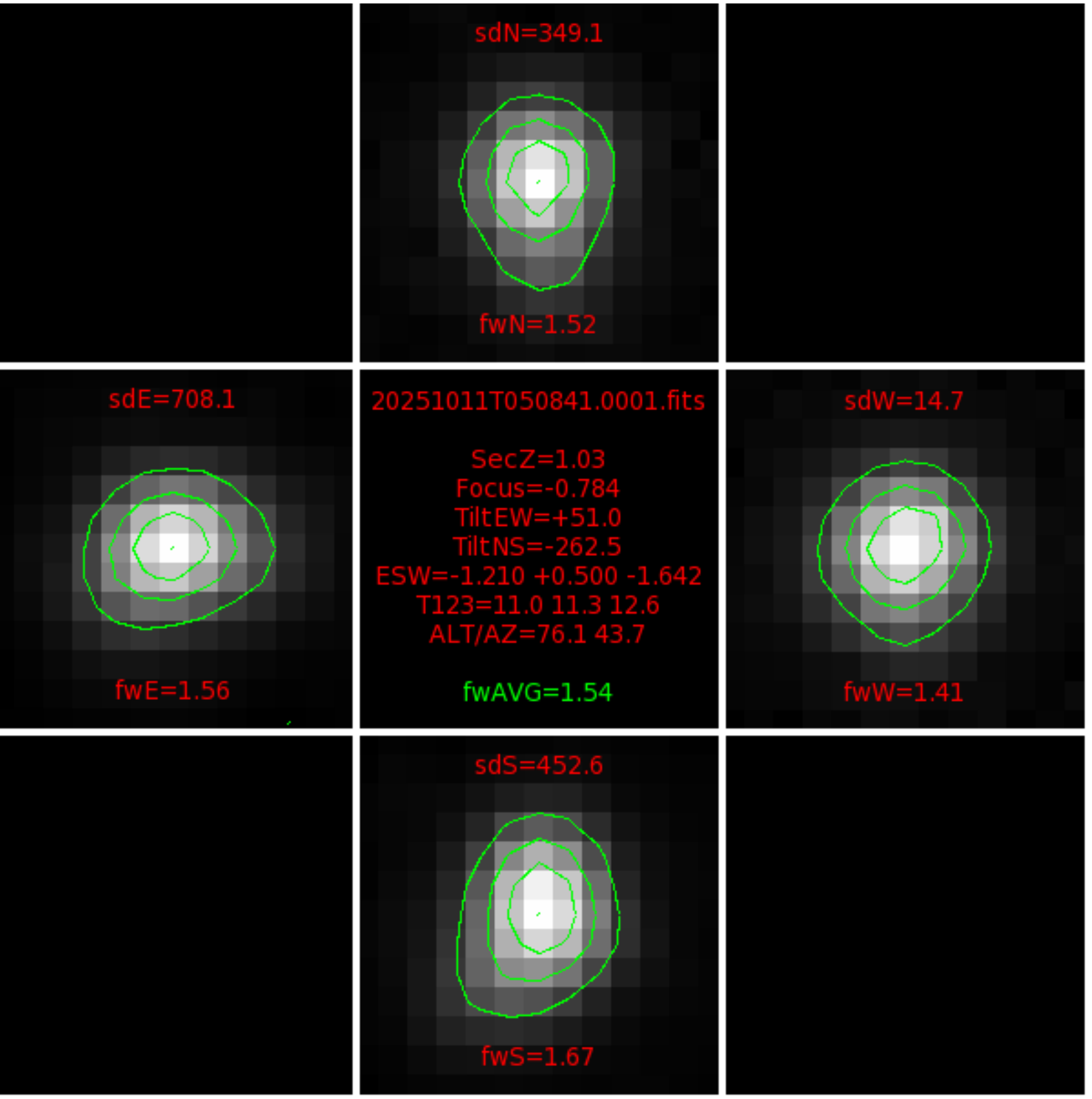
sdN=349.1
fwN=1.52
sdE=708.1
fwE=1.56
20251011T050841.0001.fits
SecZ=1.03
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=11.0 11.3 12.6
ALT/AZ=76.1 43.7
fwAVG=1.54
sdW=14.7
fwW=1.41
sdS=452.6
fwS=1.67
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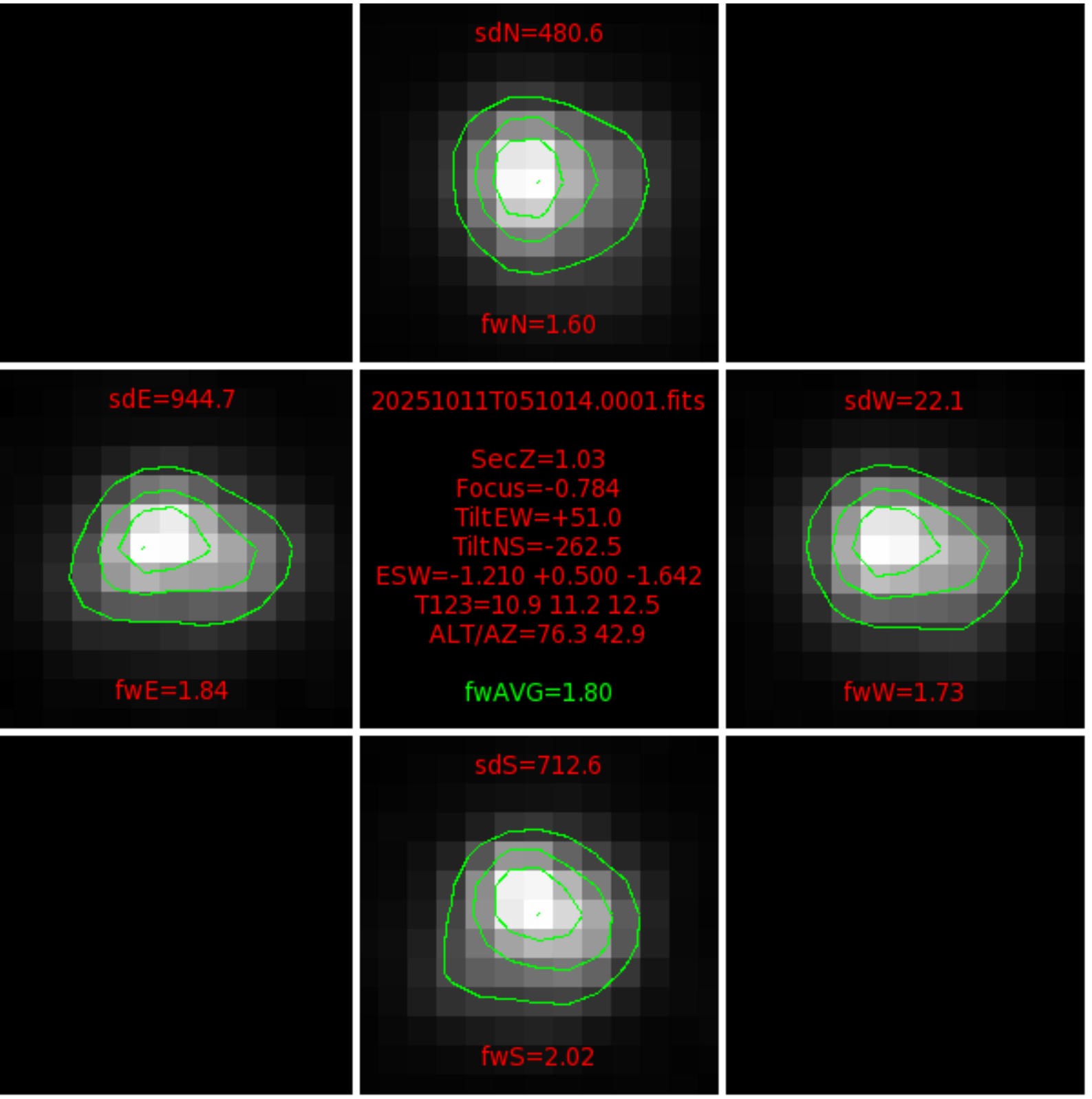
sdN=480.6
fwN=1.60
sdE=944.7
fwE=1.84
20251011T051014.0001.fits
SecZ=1.03
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=10.9 11.2 12.5
ALT/AZ=76.3 42.9
fwAVG=1.80
sdW=22.1
fwW=1.73
sdS=712.6
fwS=2.02
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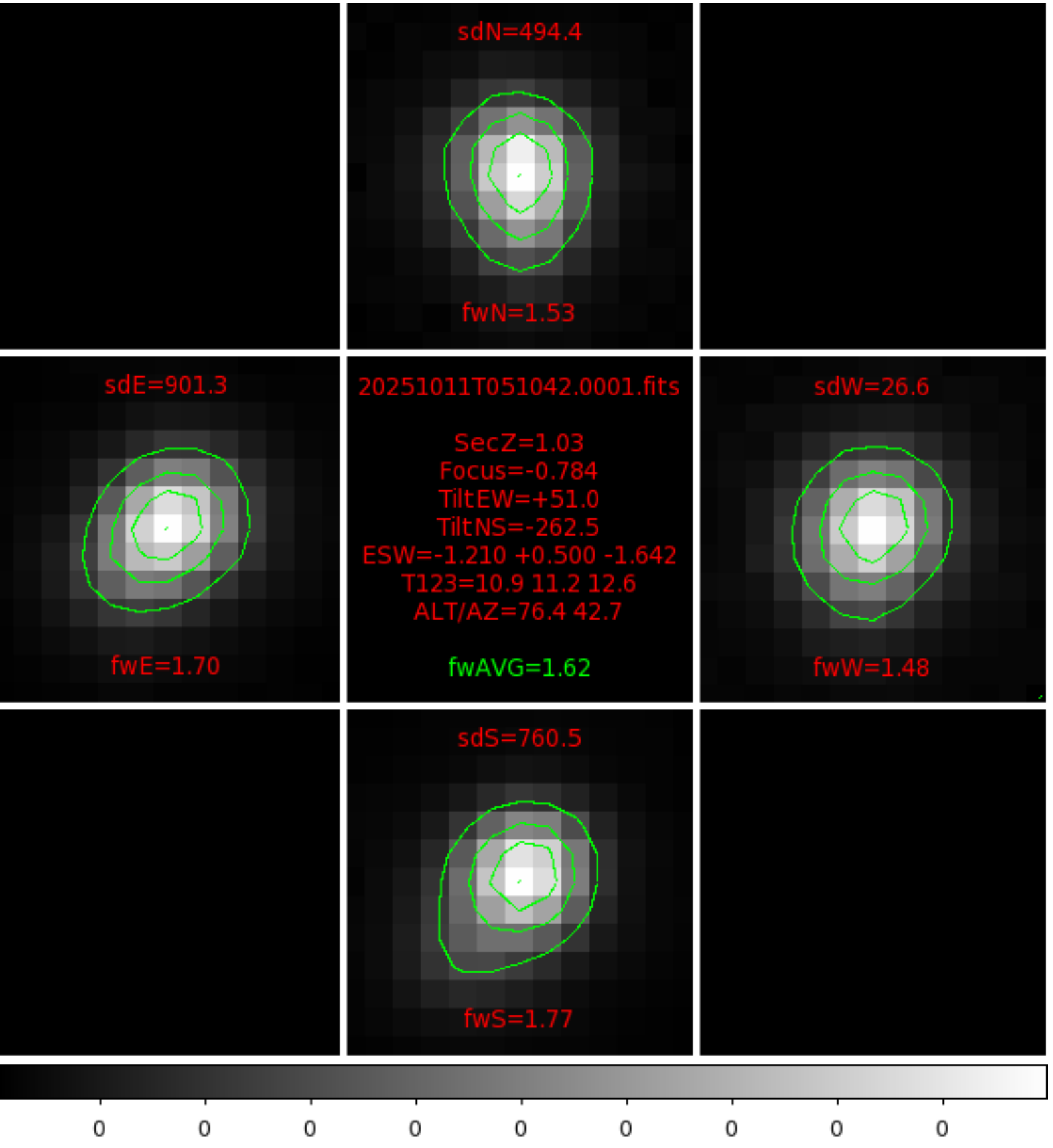
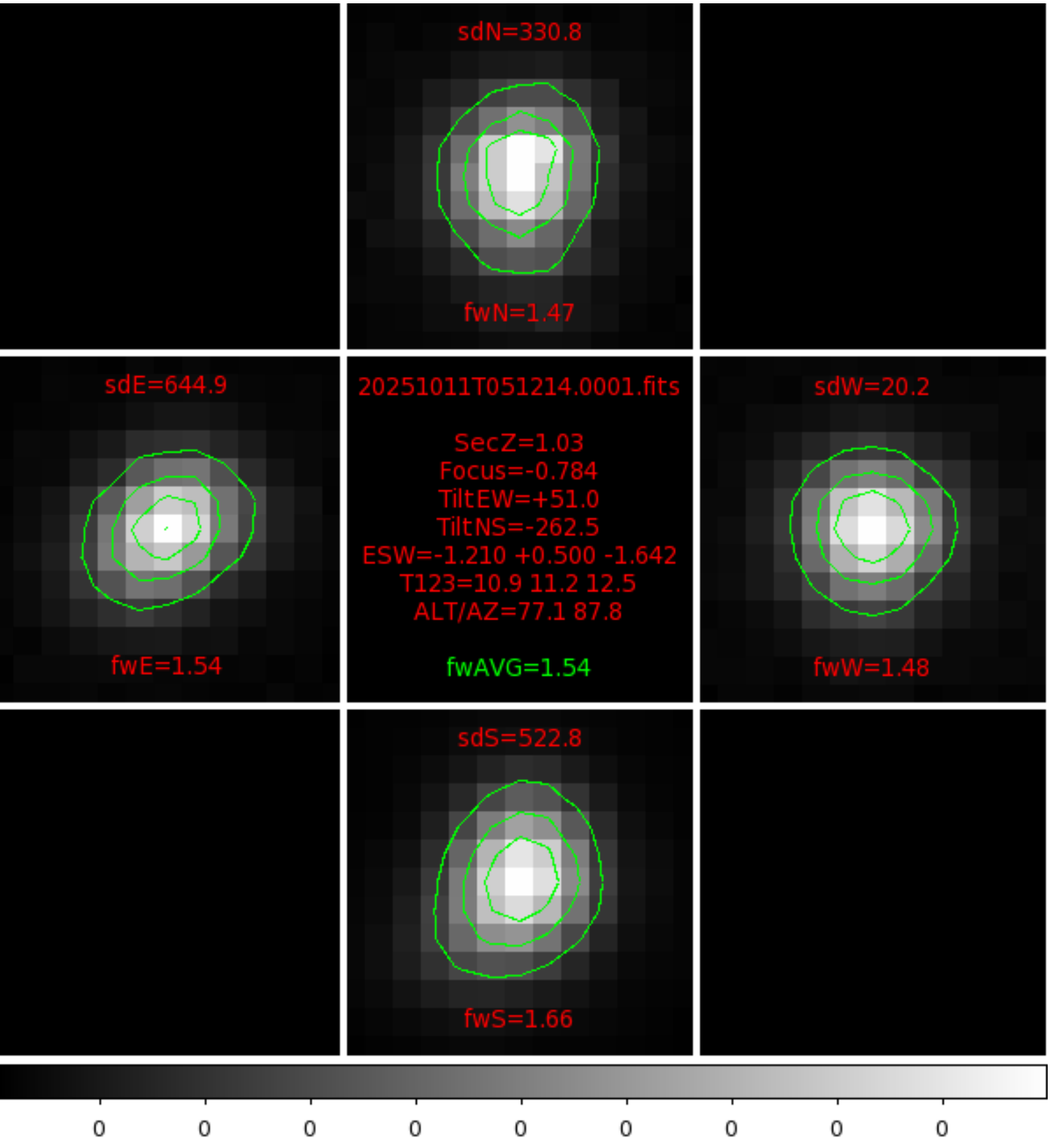
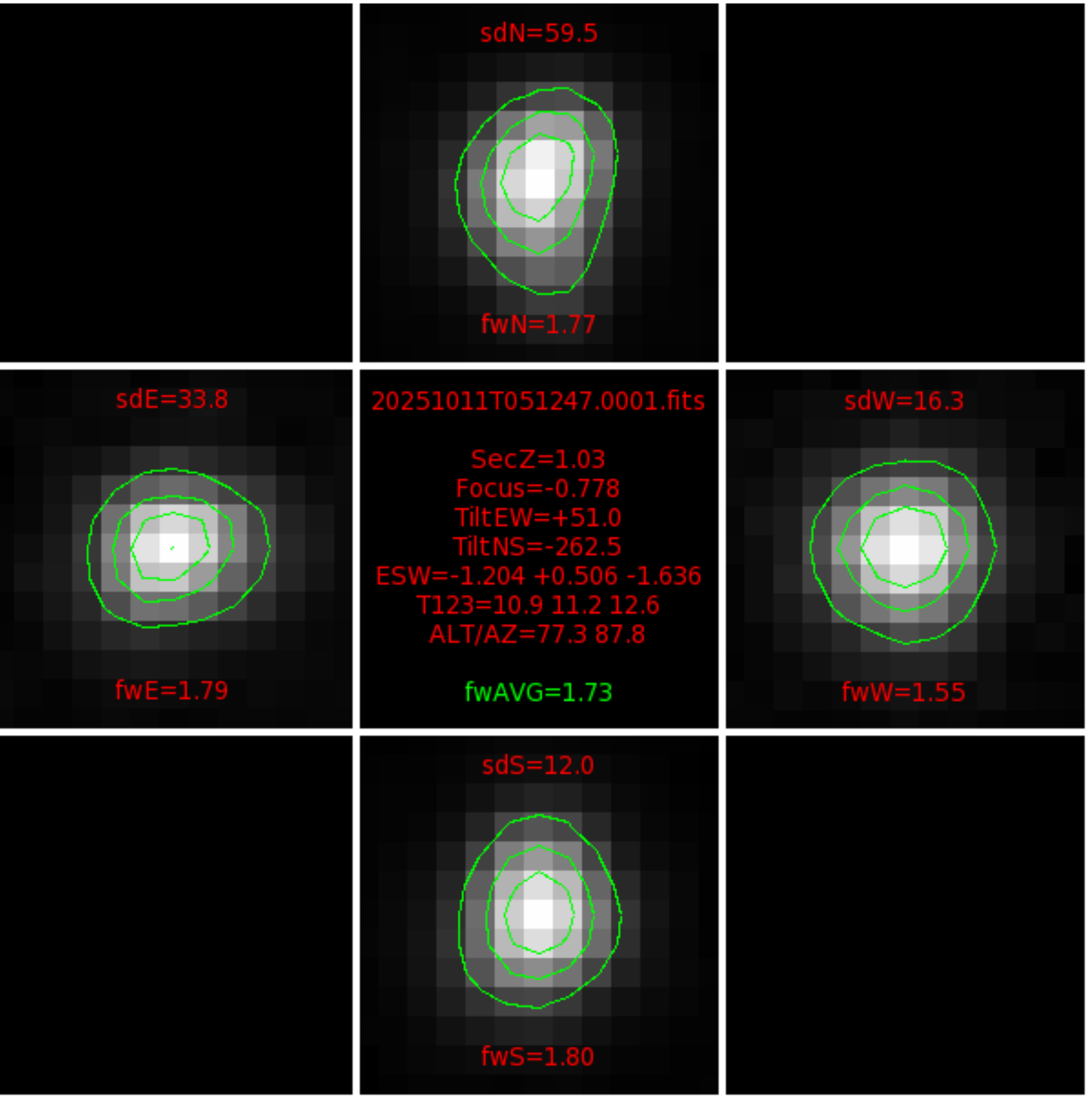
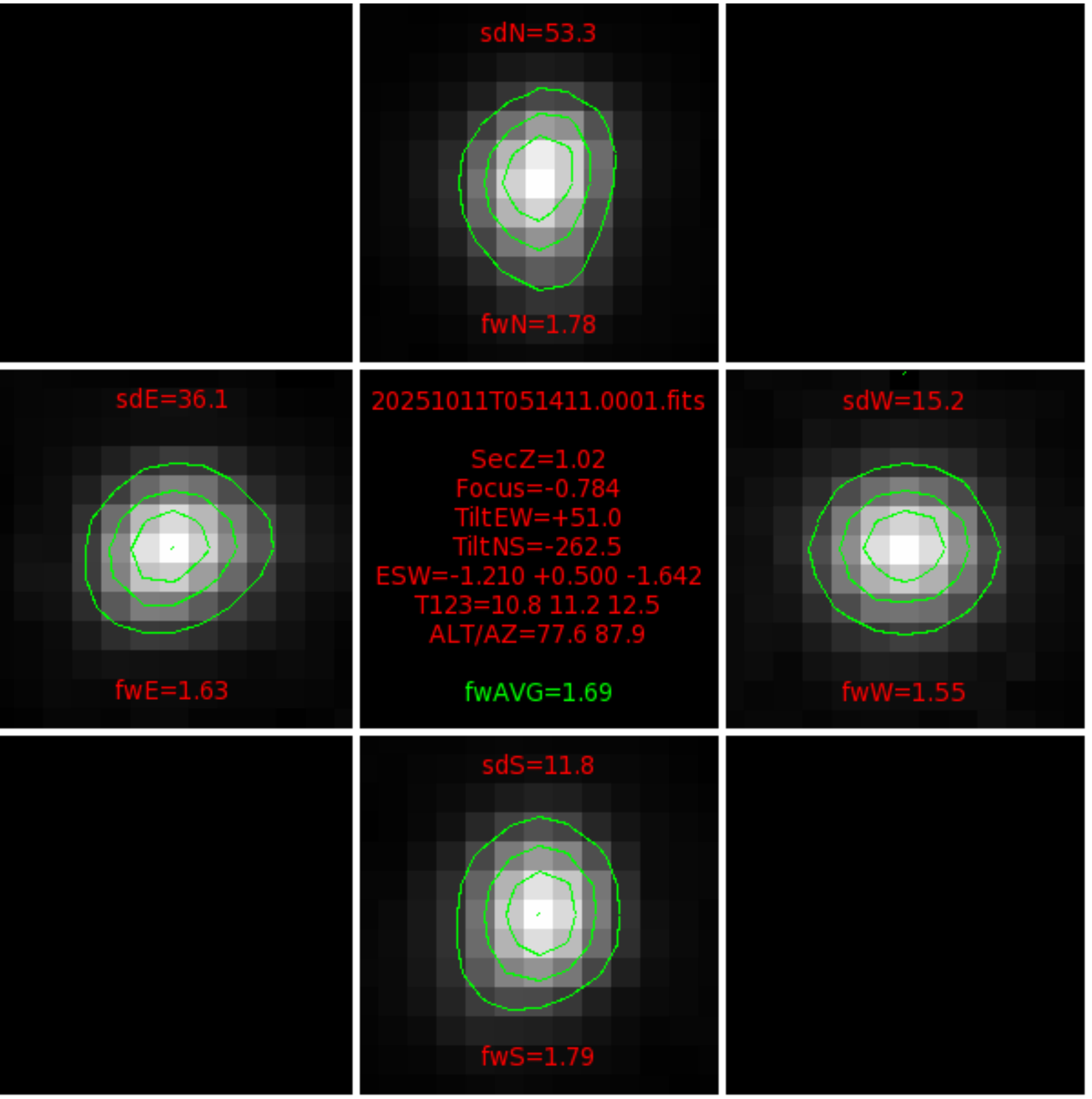
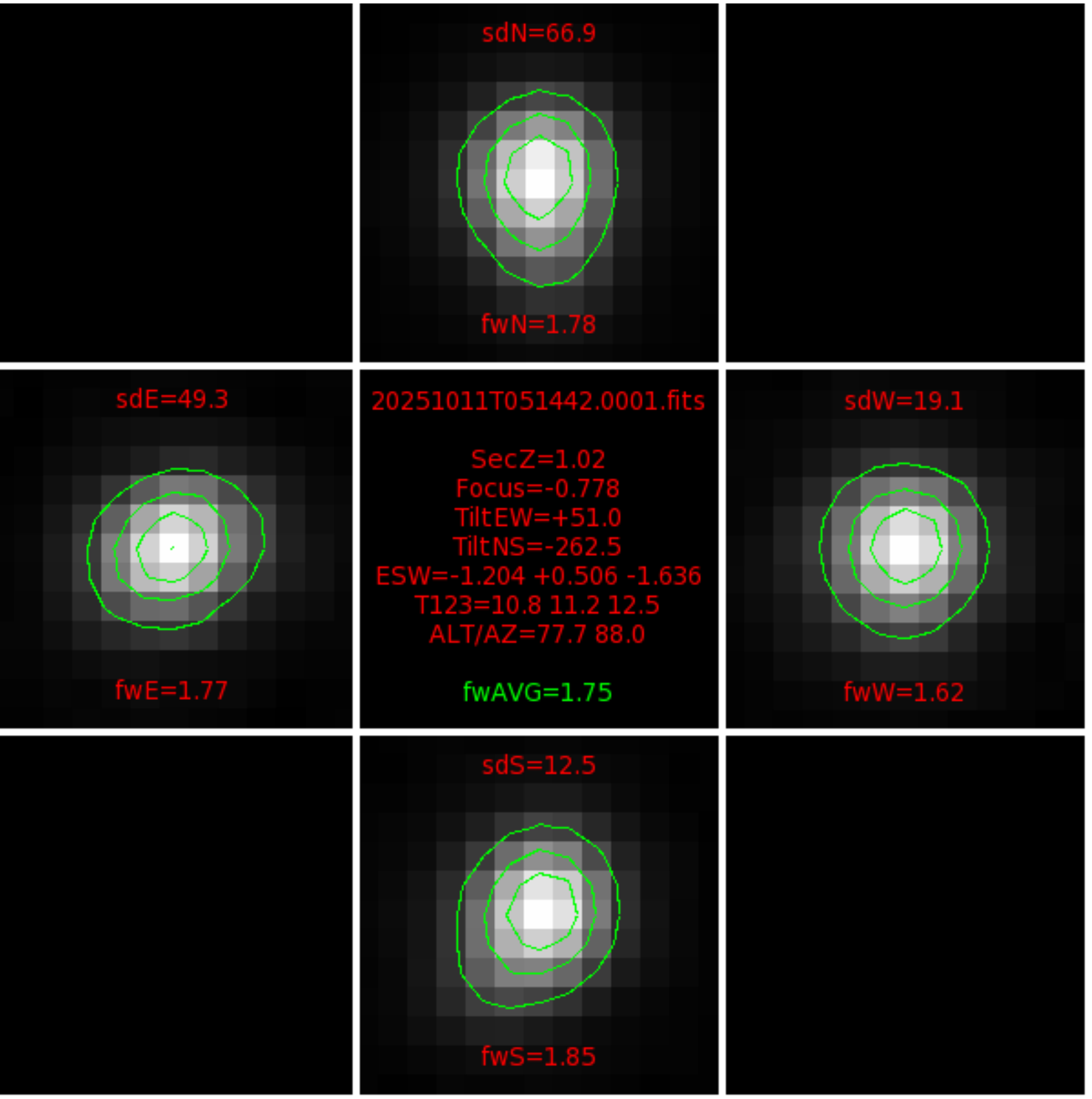

sdN=494.4
fwN=1.53
sdE=901.3
fwE=1.70
20251011T051042.0001.fits
SecZ=1.03
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=10.9 11.2 12.6
ALT/AZ=76.4 42.7
fwAVG=1.62
sdW=26.6
fwW=1.48
sdS=760.5
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=330.8
fwN=1.47
sdE=644.9
fwE=1.54
20251011T051214.0001.fits
SecZ=1.03
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=10.9 11.2 12.5
ALT/AZ=77.1 87.8
fwAVG=1.54
sdW=20.2
fwW=1.48
sdS=522.8
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=59.5
fwN=1.77
sdE=33.8
fwE=1.79
20251011T051247.0001.fits
SecZ=1.03
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.9 11.2 12.6
ALT/AZ=77.3 87.8
fwAVG=1.73
sdW=16.3
fwW=1.55
sdS=12.0
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=53.3
fwN=1.78
sdE=36.1
fwE=1.63
20251011T051411.0001.fits
SecZ=1.02
Focus=-0.784
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.210 +0.500 -1.642
T123=10.8 11.2 12.5
ALT/AZ=77.6 87.9
fwAVG=1.69
sdW=15.2
fwW=1.55
sdS=11.8
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=66.9
fwN=1.78
sdE=49.3
fwE=1.77
20251011T051442.0001.fits
SecZ=1.02
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.8 11.2 12.5
ALT/AZ=77.7 88.0
fwAVG=1.75
sdW=19.1
fwW=1.62
sdS=12.5
fwS=1.85
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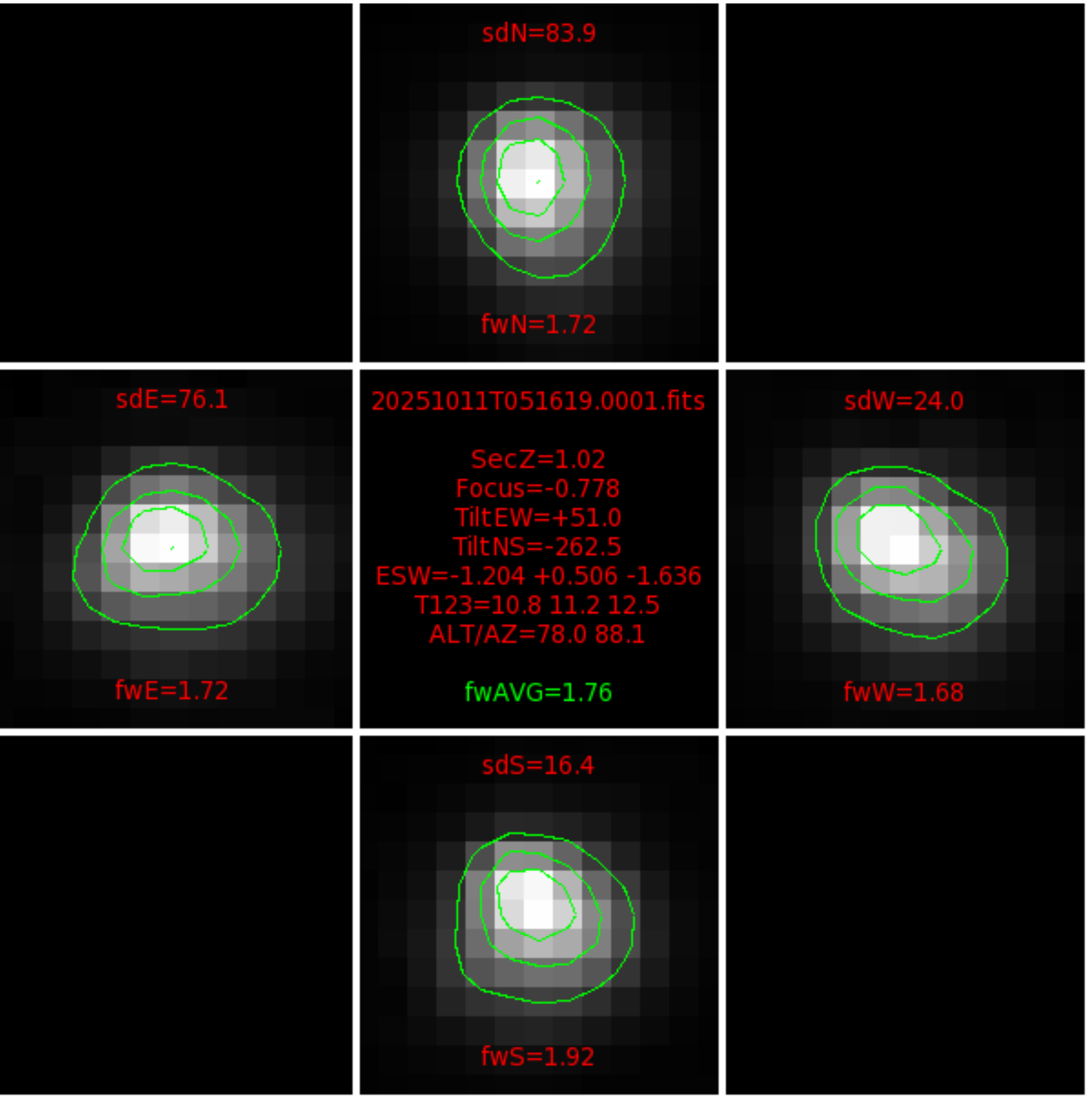
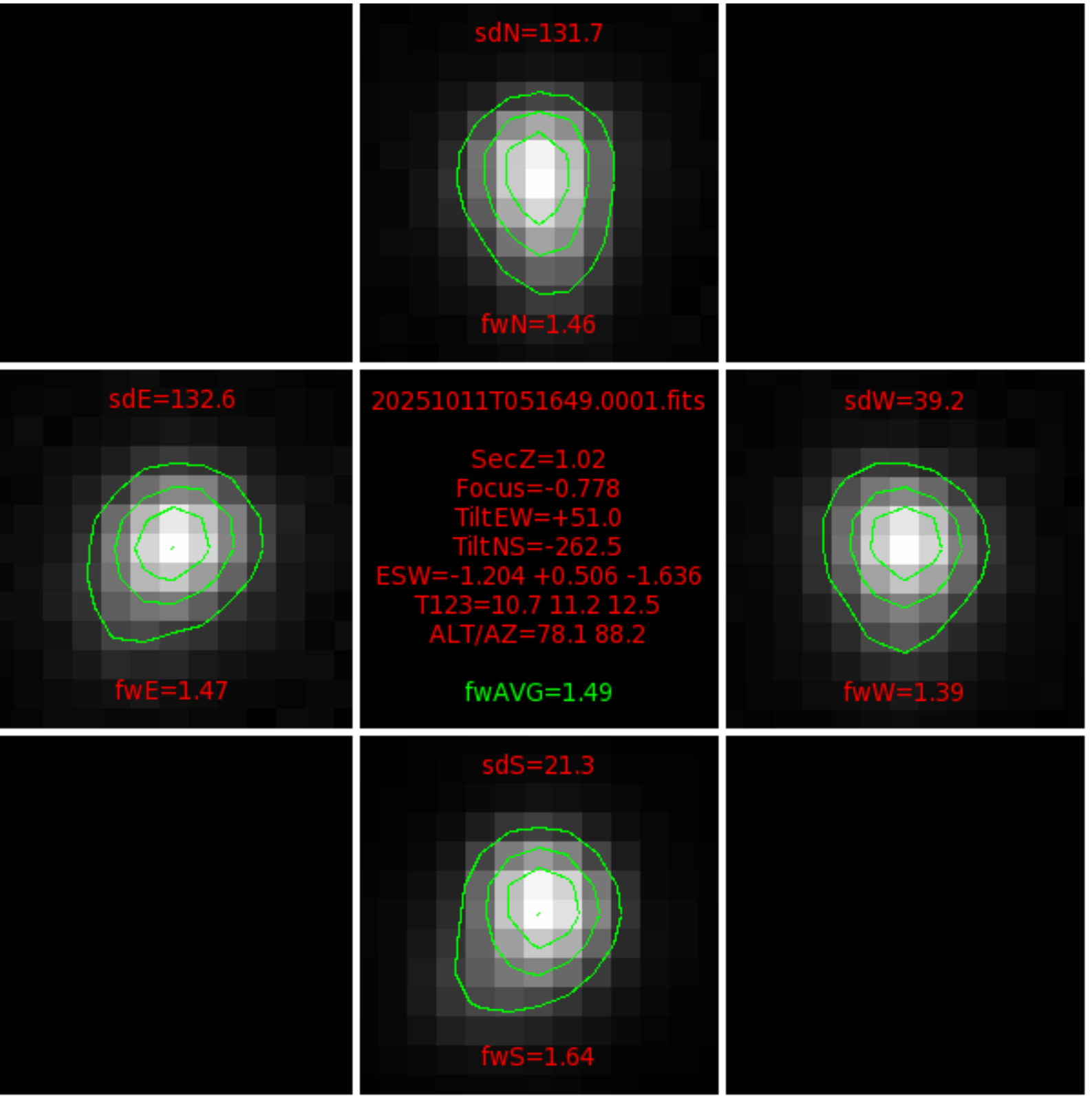
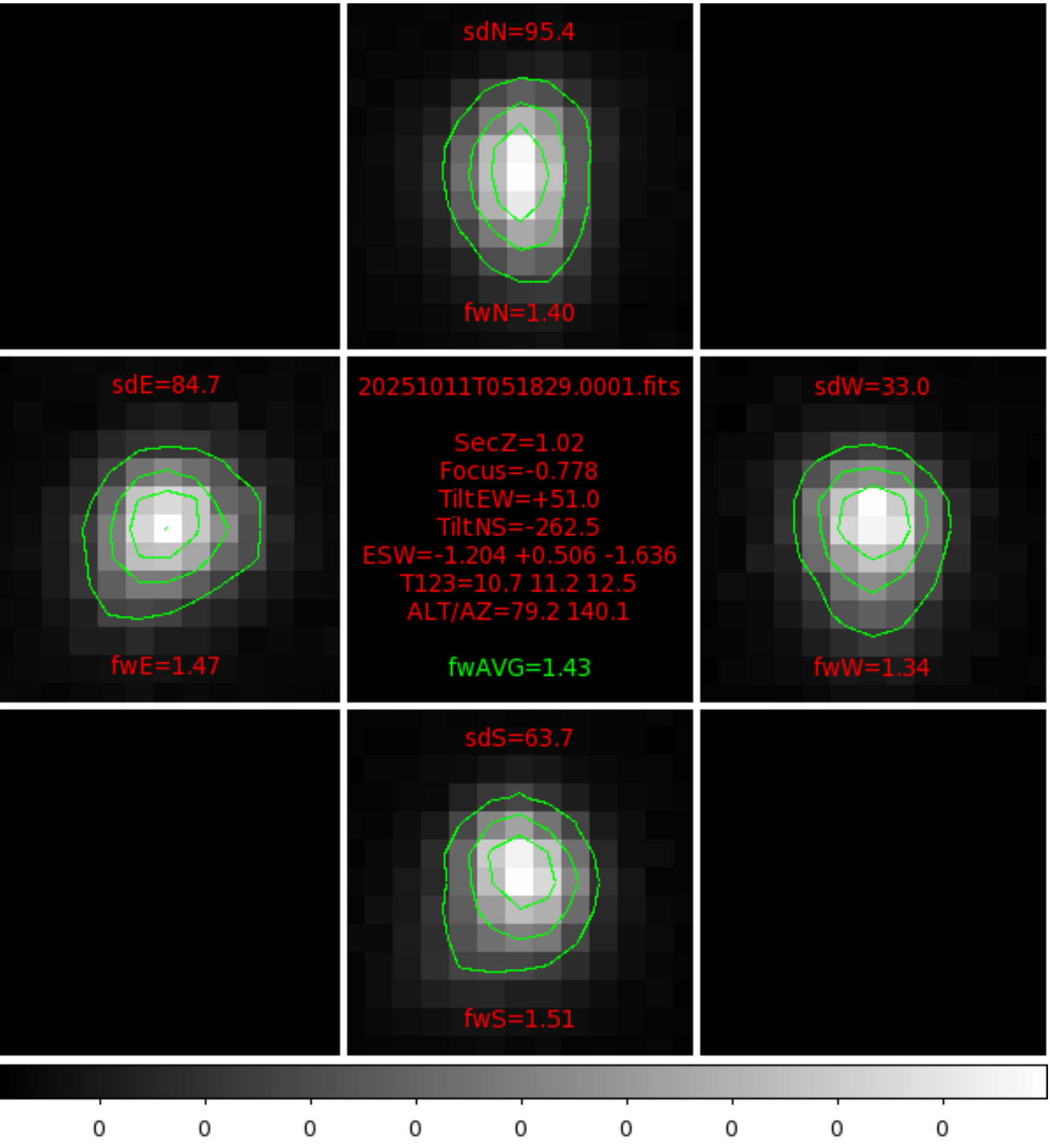
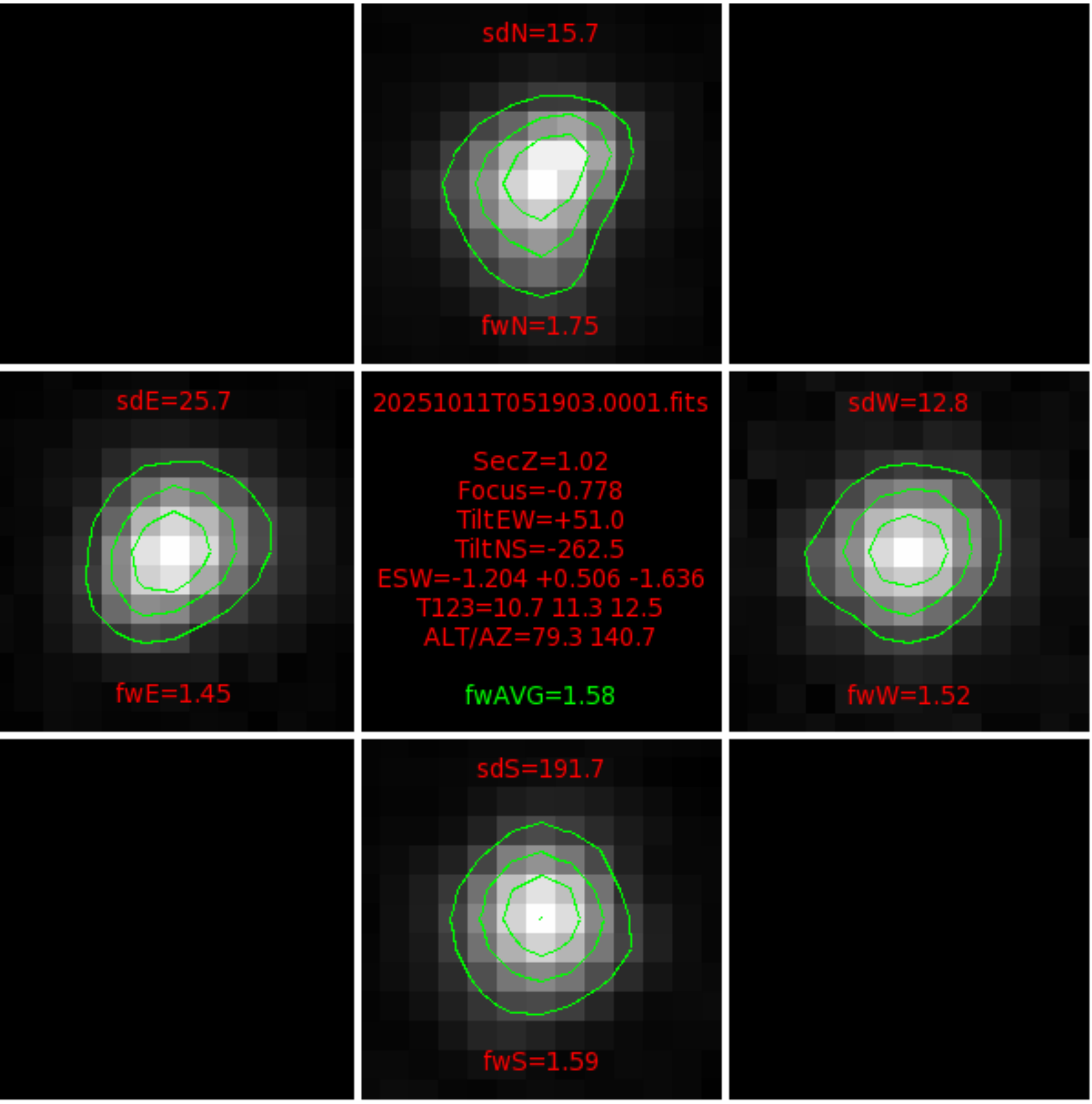
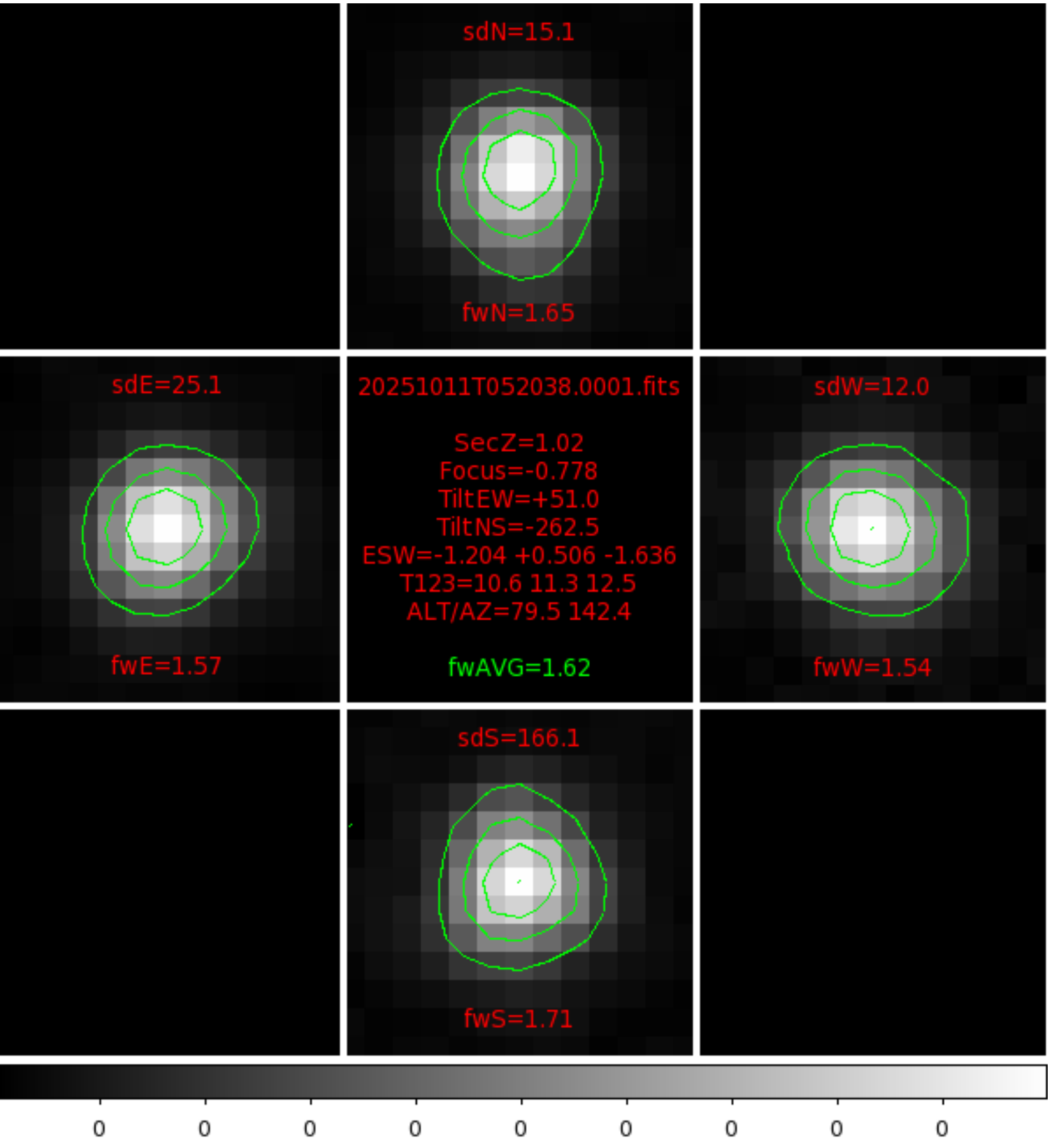

sdN=83.9
fwN=1.72
sdE=76.1
fwE=1.72
20251011T051619.0001.fits
SecZ=1.02
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.8 11.2 12.5
ALT/AZ=78.0 88.1
fwAVG=1.76
sdW=24.0
fwW=1.68
sdS=16.4
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=131.7
fwN=1.46
sdE=132.6
fwE=1.47
20251011T051649.0001.fits
SecZ=1.02
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.7 11.2 12.5
ALT/AZ=78.1 88.2
fwAVG=1.49
sdW=39.2
fwW=1.39
sdS=21.3
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=95.4
fwN=1.40
sdE=84.7
fwE=1.47
20251011T051829.0001.fits
SecZ=1.02
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.7 11.2 12.5
ALT/AZ=79.2 140.1
fwAVG=1.43
sdW=33.0
fwW=1.34
sdS=63.7
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=15.7
fwN=1.75
sdE=25.7
fwE=1.45
20251011T051903.0001.fits
SecZ=1.02
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.7 11.3 12.5
ALT/AZ=79.3 140.7
fwAVG=1.58
sdW=12.8
fwW=1.52
sdS=191.7
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=15.1
fwN=1.65
sdE=25.1
fwE=1.57
20251011T052038.0001.fits
SecZ=1.02
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.3 12.5
ALT/AZ=79.5 142.4
fwAVG=1.62
sdW=12.0
fwW=1.54
sdS=166.1
fwS=1.71
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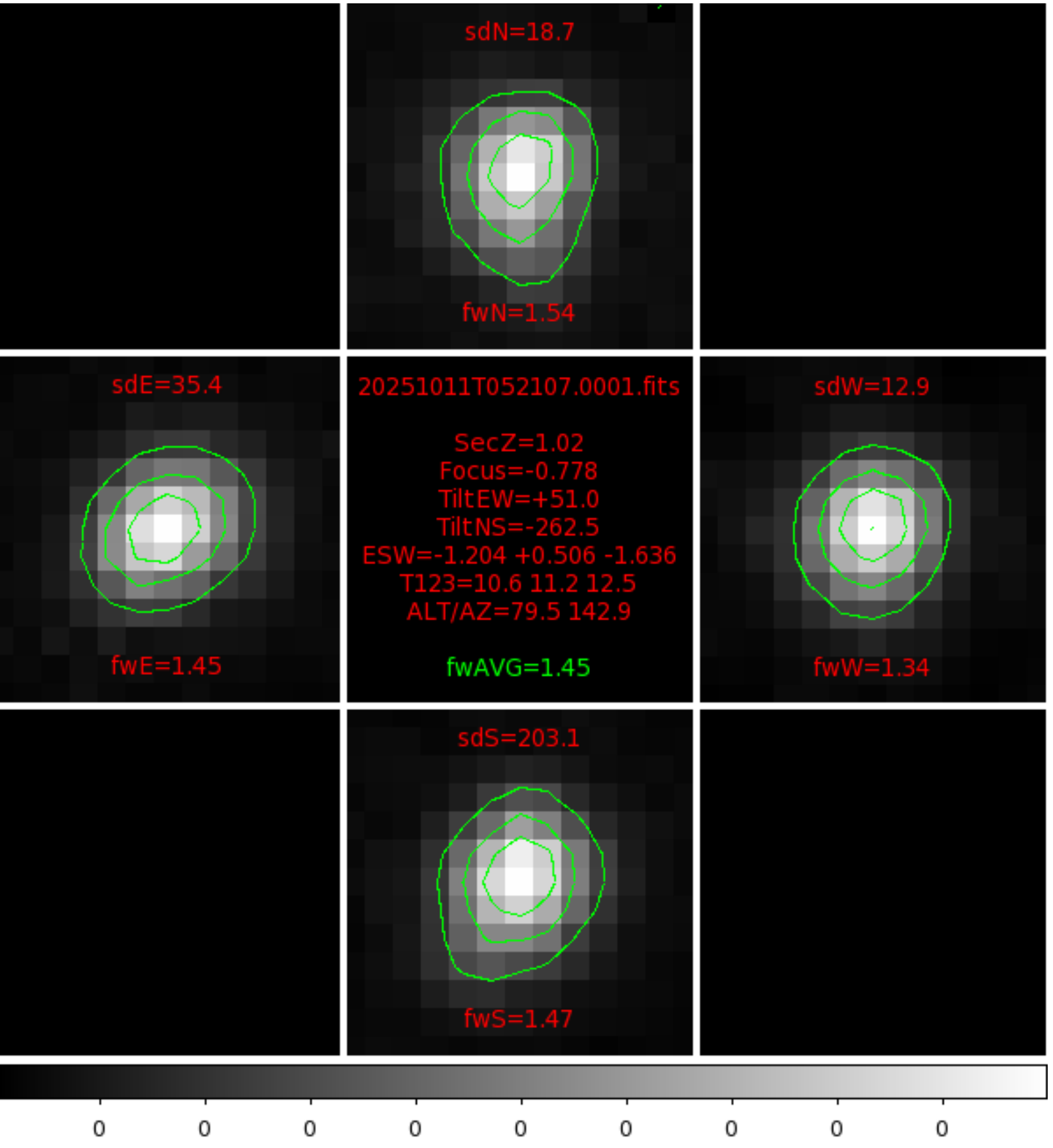
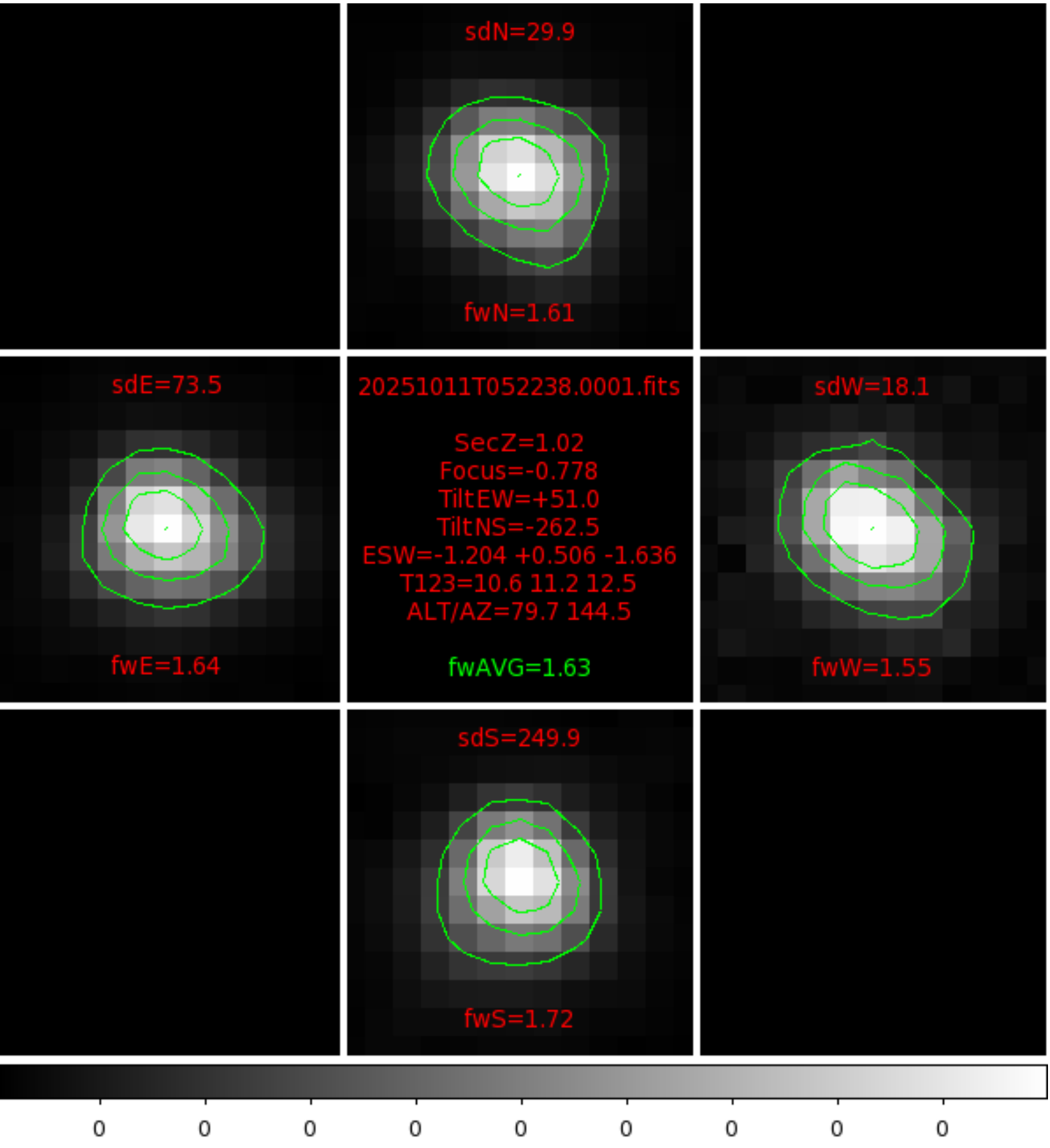
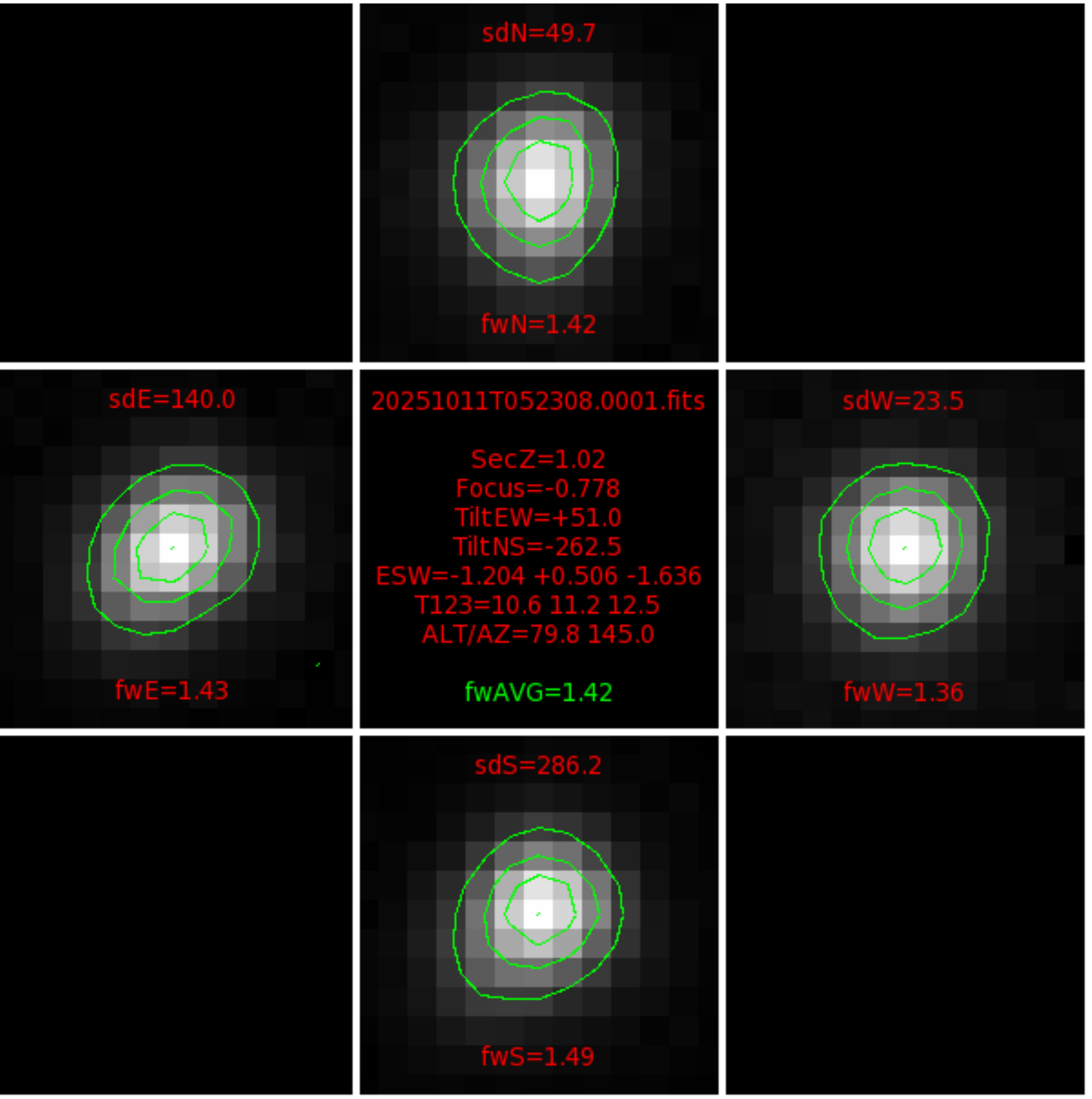

sdN=18.7
fwN=1.54
sdE=35.4
fwE=1.45
20251011T052107.0001.fits
SecZ=1.02
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=79.5 142.9
fwAVG=1.45
sdW=12.9
fwW=1.34
sdS=203.1
fwS=1.47
0 0 0 0 0 0 0 0 0


sdN=29.9
fwN=1.61
sdE=73.5
fwE=1.64
20251011T052238.0001.fits
SecZ=1.02
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=79.7 144.5
fwAVG=1.63
sdW=18.1
fwW=1.55
sdS=249.9
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=49.7
fwN=1.42
sdE=140.0
fwE=1.43
20251011T052308.0001.fits
SecZ=1.02
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=79.8 145.0
fwAVG=1.42
sdW=23.5
fwW=1.36
sdS=286.2
fwS=1.49
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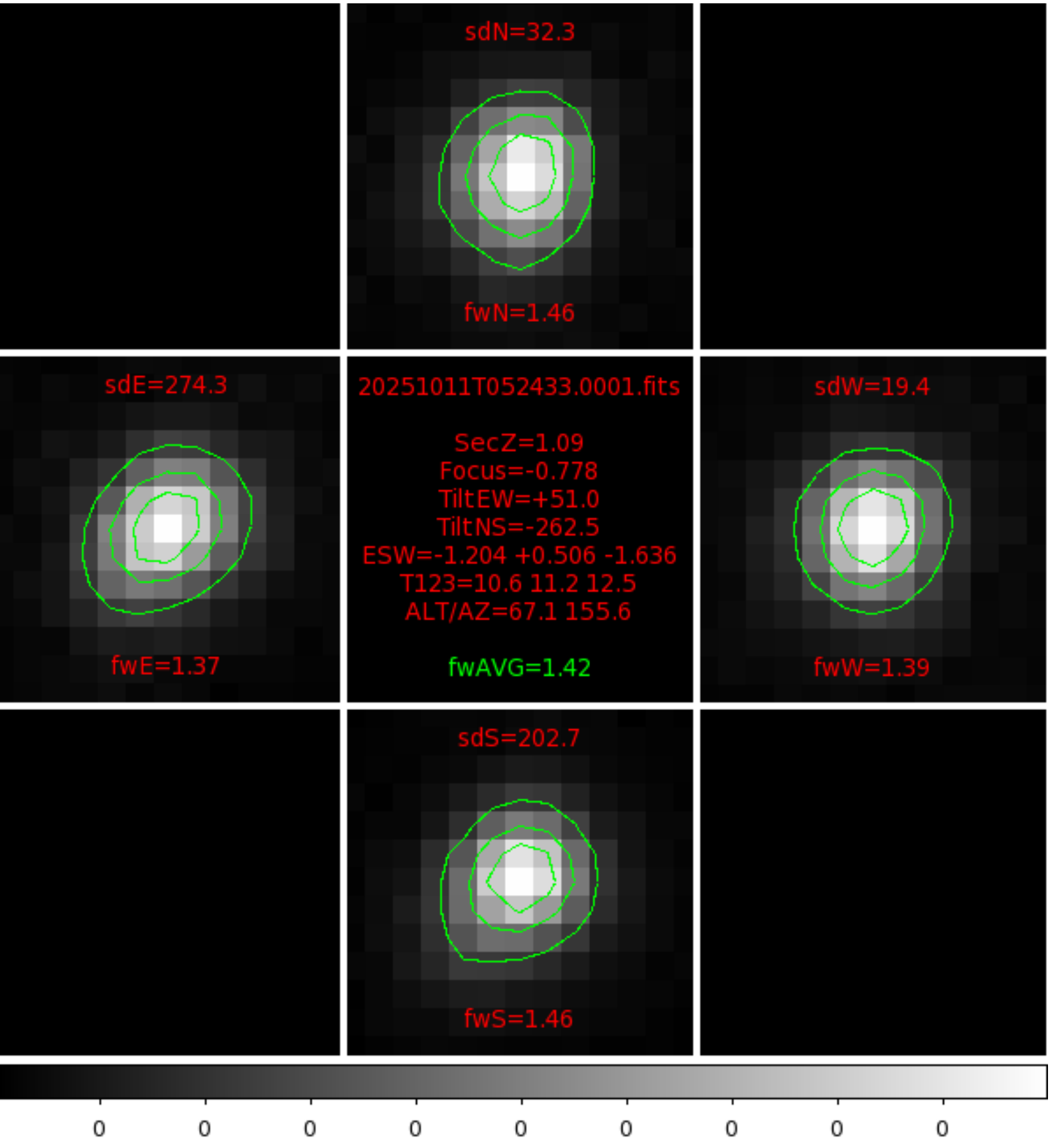
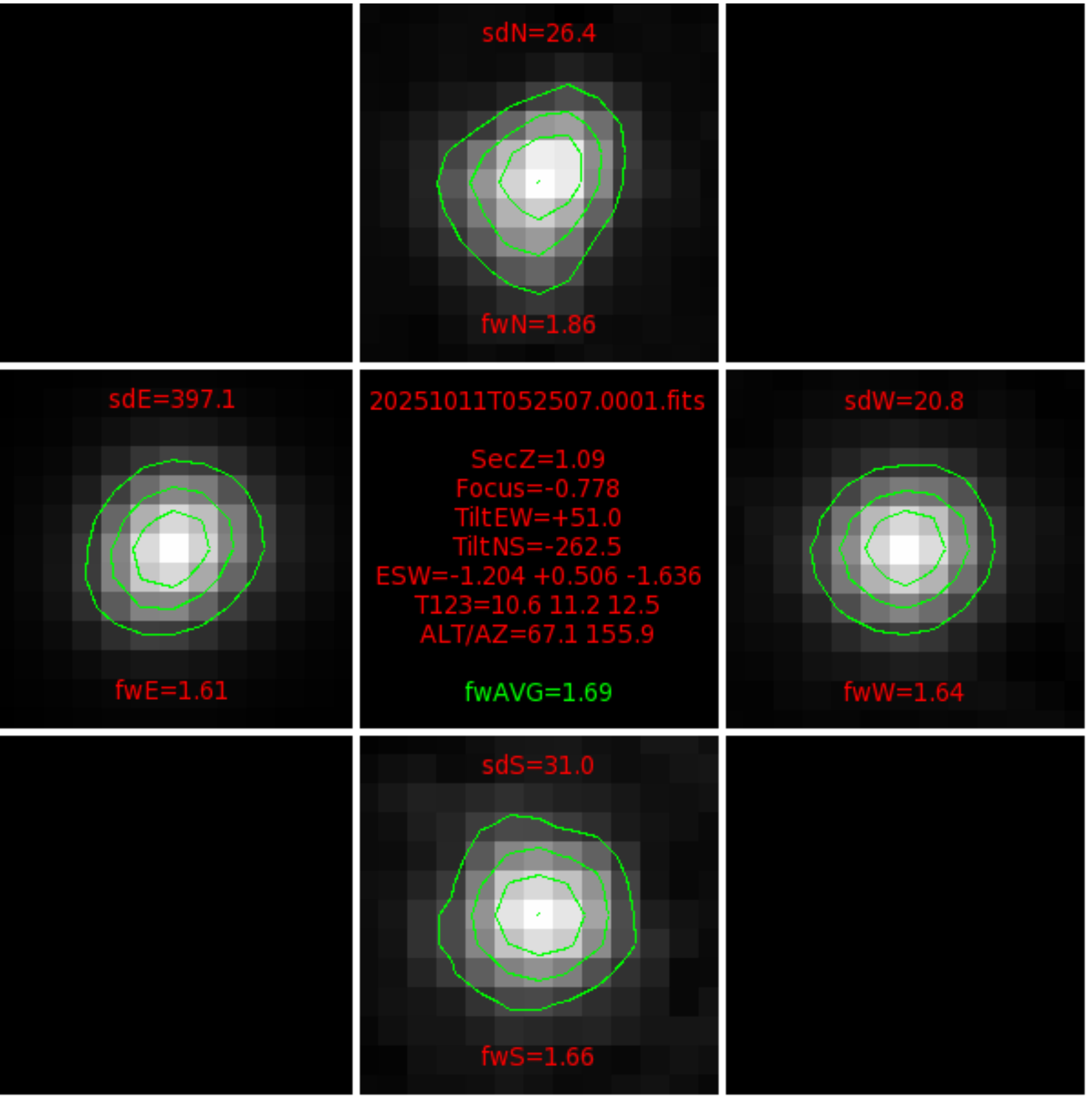
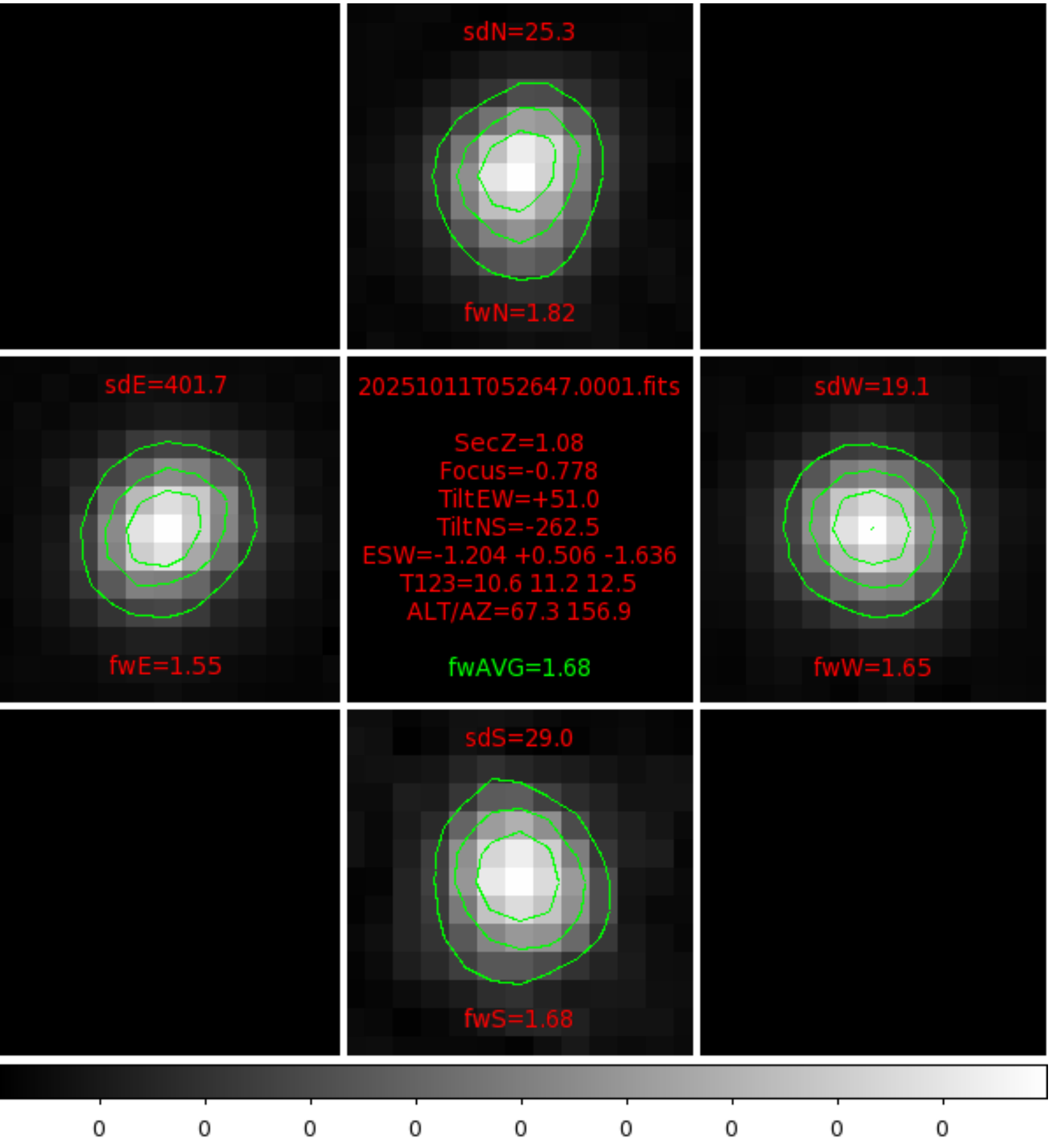
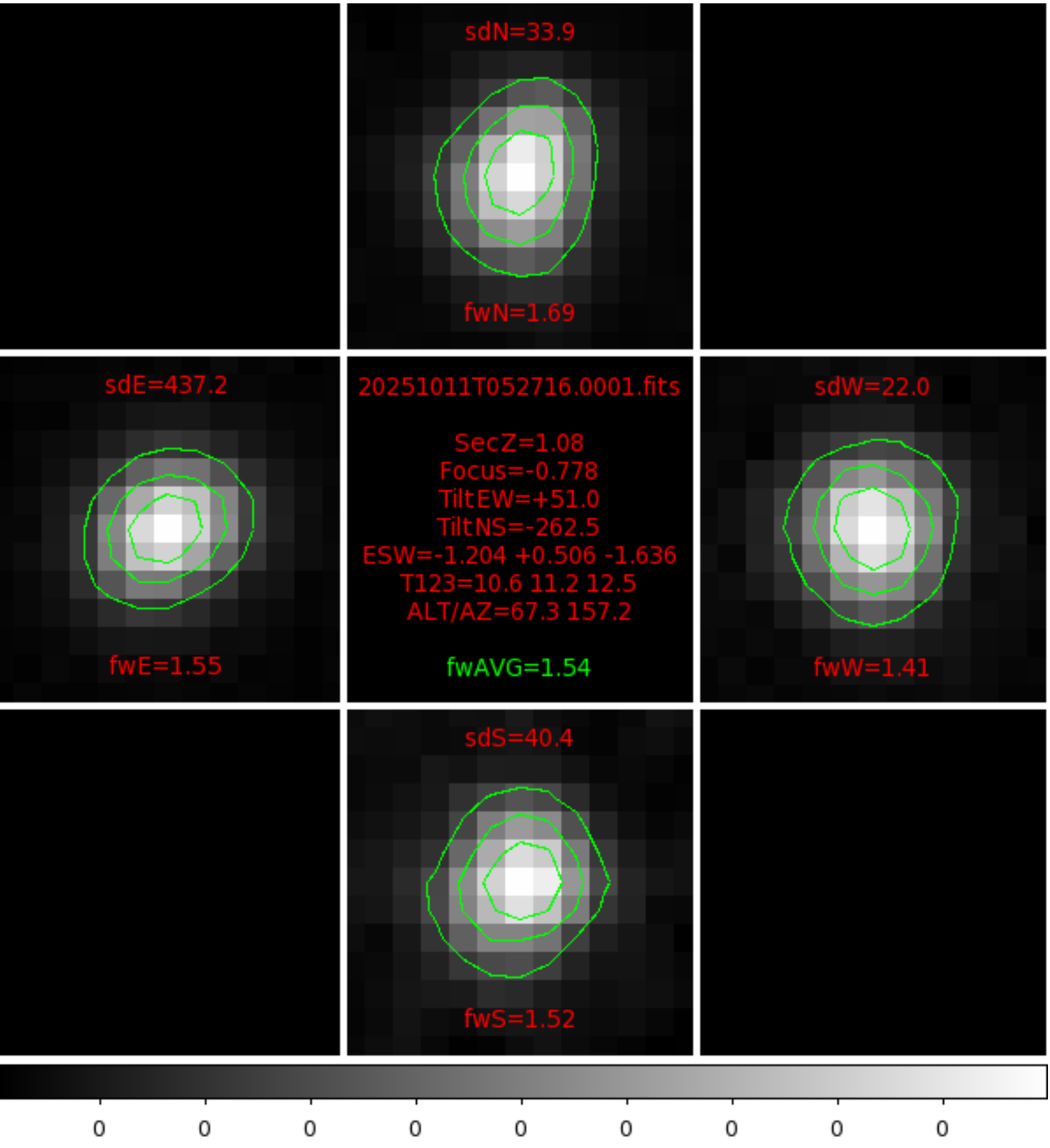

sdN=32.3
fwN=1.46
sdE=274.3
fwE=1.37
20251011T052433.0001.fits
SecZ=1.09
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=67.1 155.6
fwAVG=1.42
sdW=19.4
fwW=1.39
sdS=202.7
fwS=1.46
0 0 0 0 0 0 0 0 0


sdN=26.4
fwN=1.86
sdE=397.1
fwE=1.61
20251011T052507.0001.fits
SecZ=1.09
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=67.1 155.9
fwAVG=1.69
sdW=20.8
fwW=1.64
sdS=31.0
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=25.3
fwN=1.82
sdE=401.7
fwE=1.55
20251011T052647.0001.fits
SecZ=1.08
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=67.3 156.9
fwAVG=1.68
sdW=19.1
fwW=1.65
sdS=29.0
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=33.9
fwN=1.69
sdE=437.2
fwE=1.55
20251011T052716.0001.fits
SecZ=1.08
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=67.3 157.2
fwAVG=1.54
sdW=22.0
fwW=1.41
sdS=40.4
fwS=1.52
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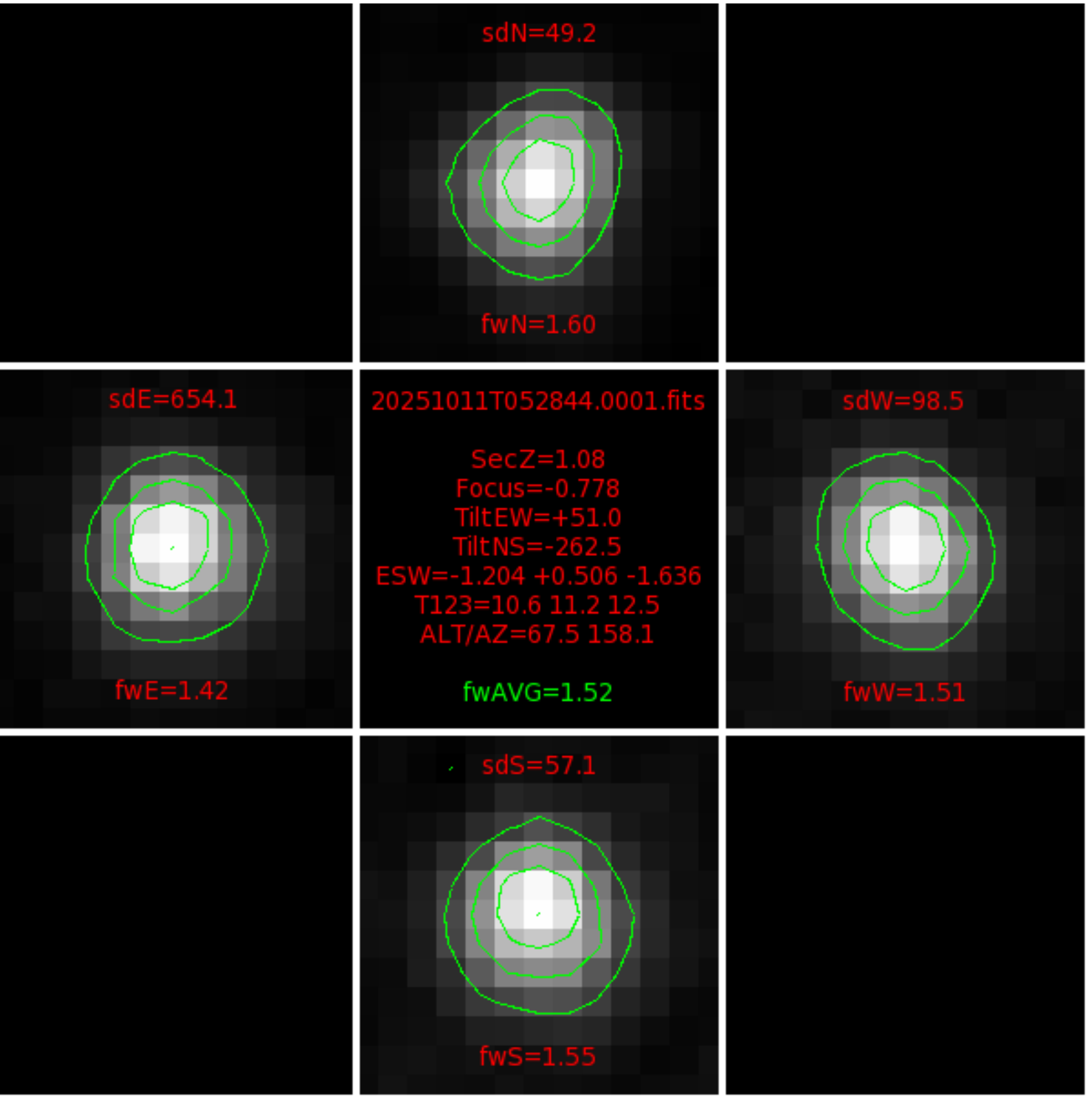
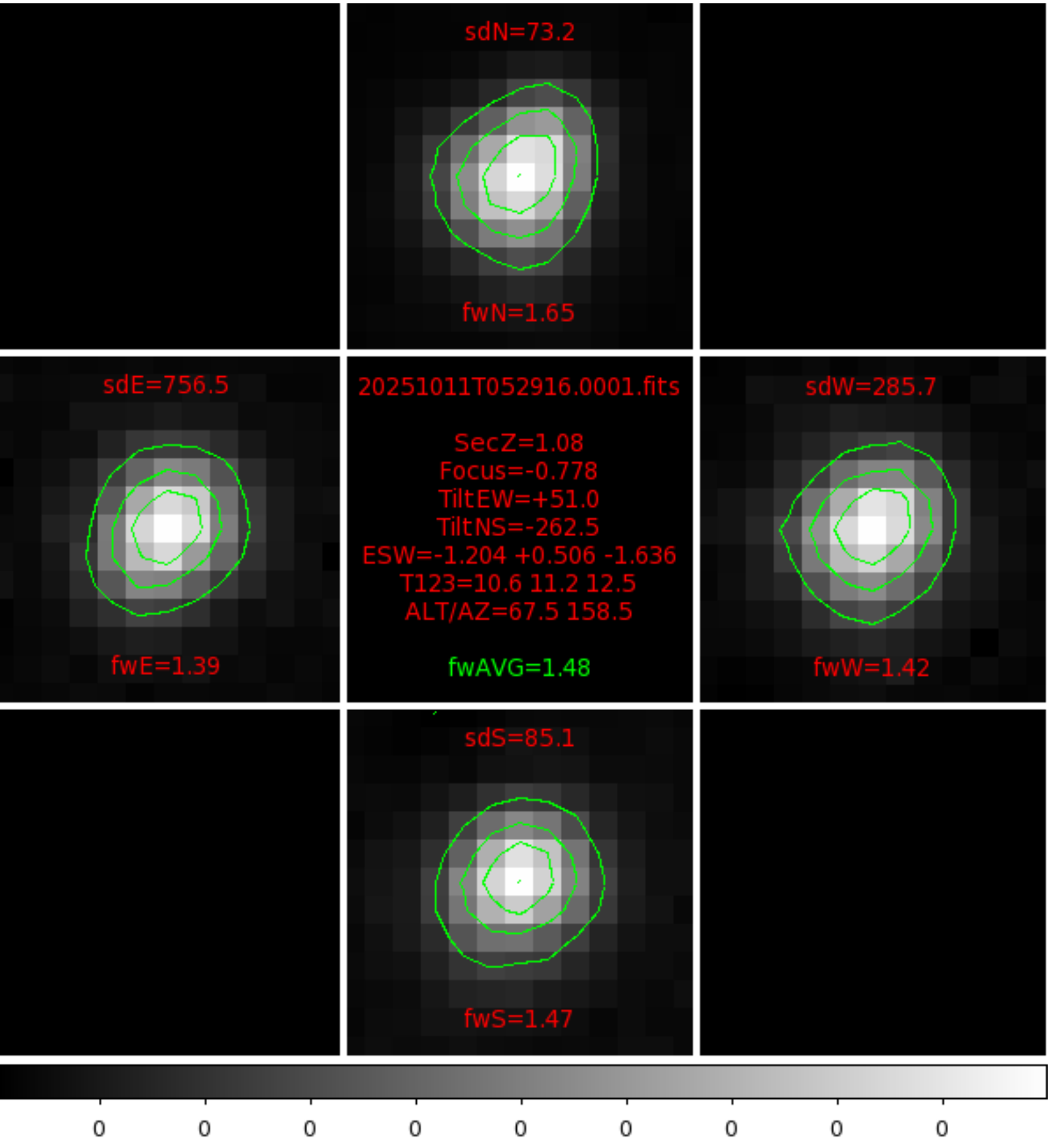

sdN=49.2
fwN=1.60
sdE=654.1
fwE=1.42
20251011T052844.0001.fits
SecZ=1.08
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=67.5 158.1
fwAVG=1.52
sdW=98.5
fwW=1.51
sdS=57.1
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=73.2
fwN=1.65
sdE=756.5
fwE=1.39
20251011T052916.0001.fits
SecZ=1.08
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=67.5 158.5
fwAVG=1.48
sdW=285.7
fwW=1.42
sdS=85.1
fwS=1.47
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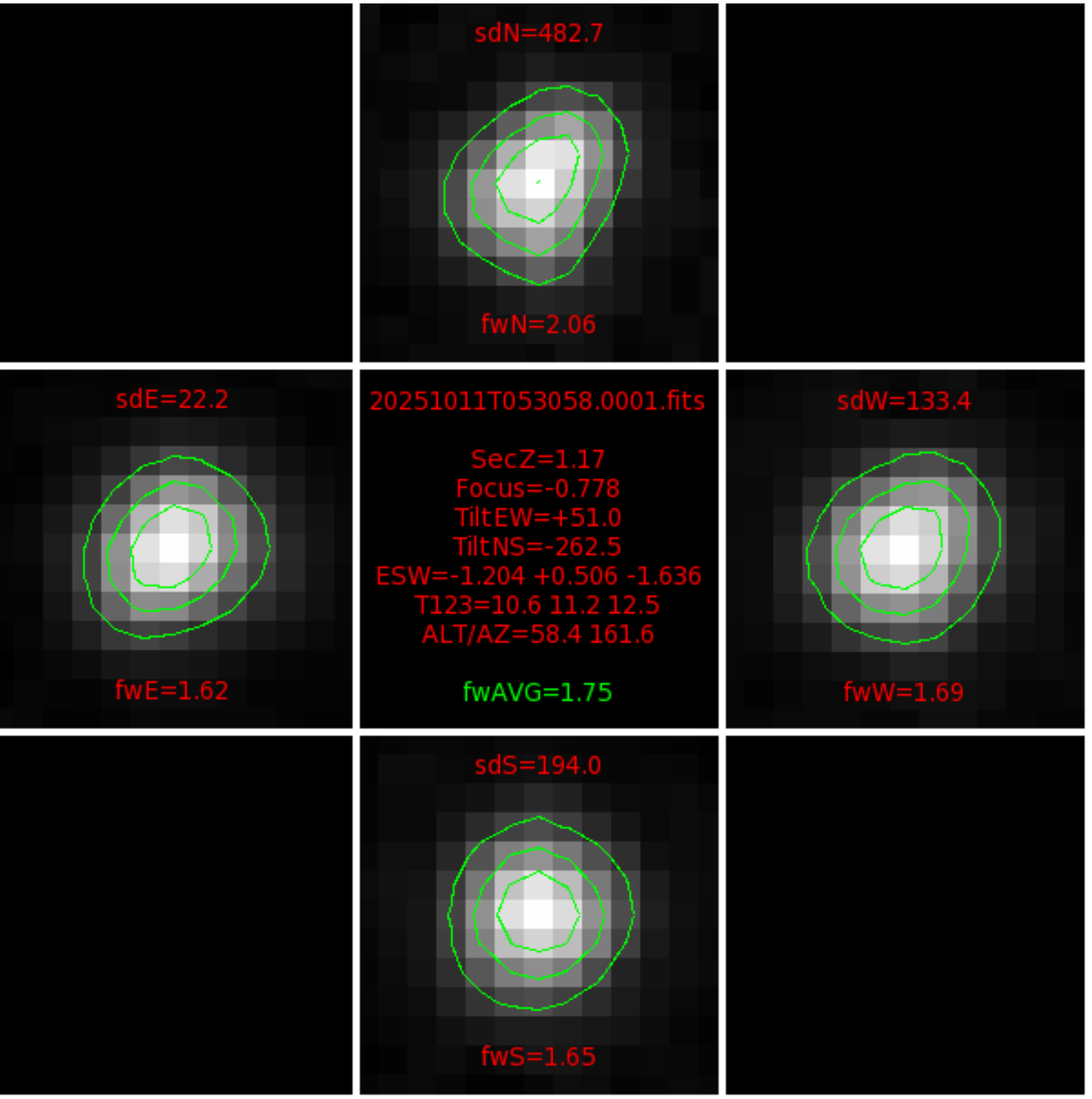
sdN=482.7
fwN=2.06
sdE=22.2
fwE=1.62
20251011T053058.0001.fits
SecZ=1.17
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=58.4 161.6
fwAVG=1.75
sdW=133.4
fwW=1.69
sdS=194.0
fwS=1.65
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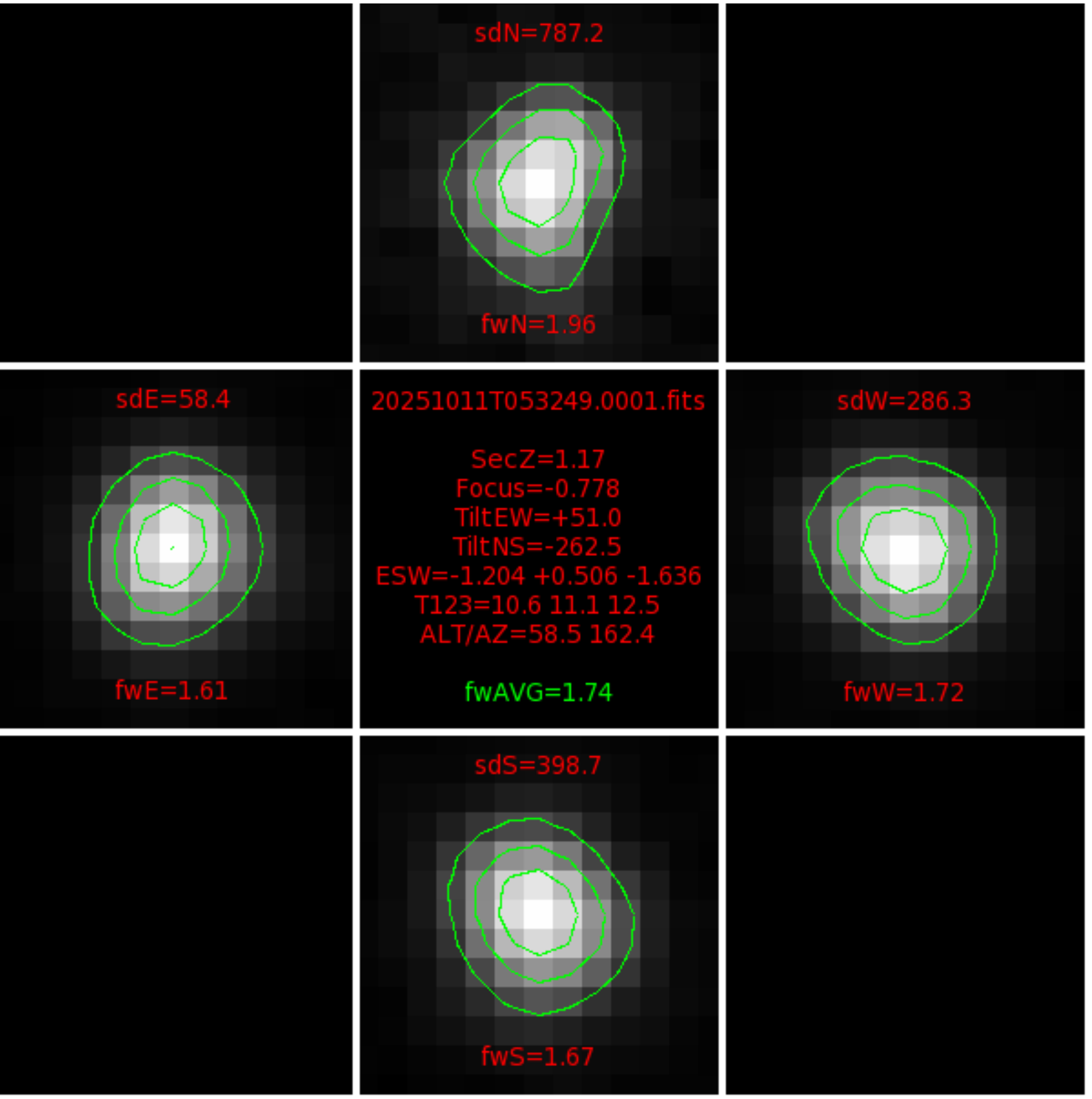
sdN=787.2
fwN=1.96
sdE=58.4
fwE=1.61
20251011T053249.0001.fits
SecZ=1.17
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.1 12.5
ALT/AZ=58.5 162.4
fwAVG=1.74
sdW=286.3
fwW=1.72
sdS=398.7
fwS=1.67
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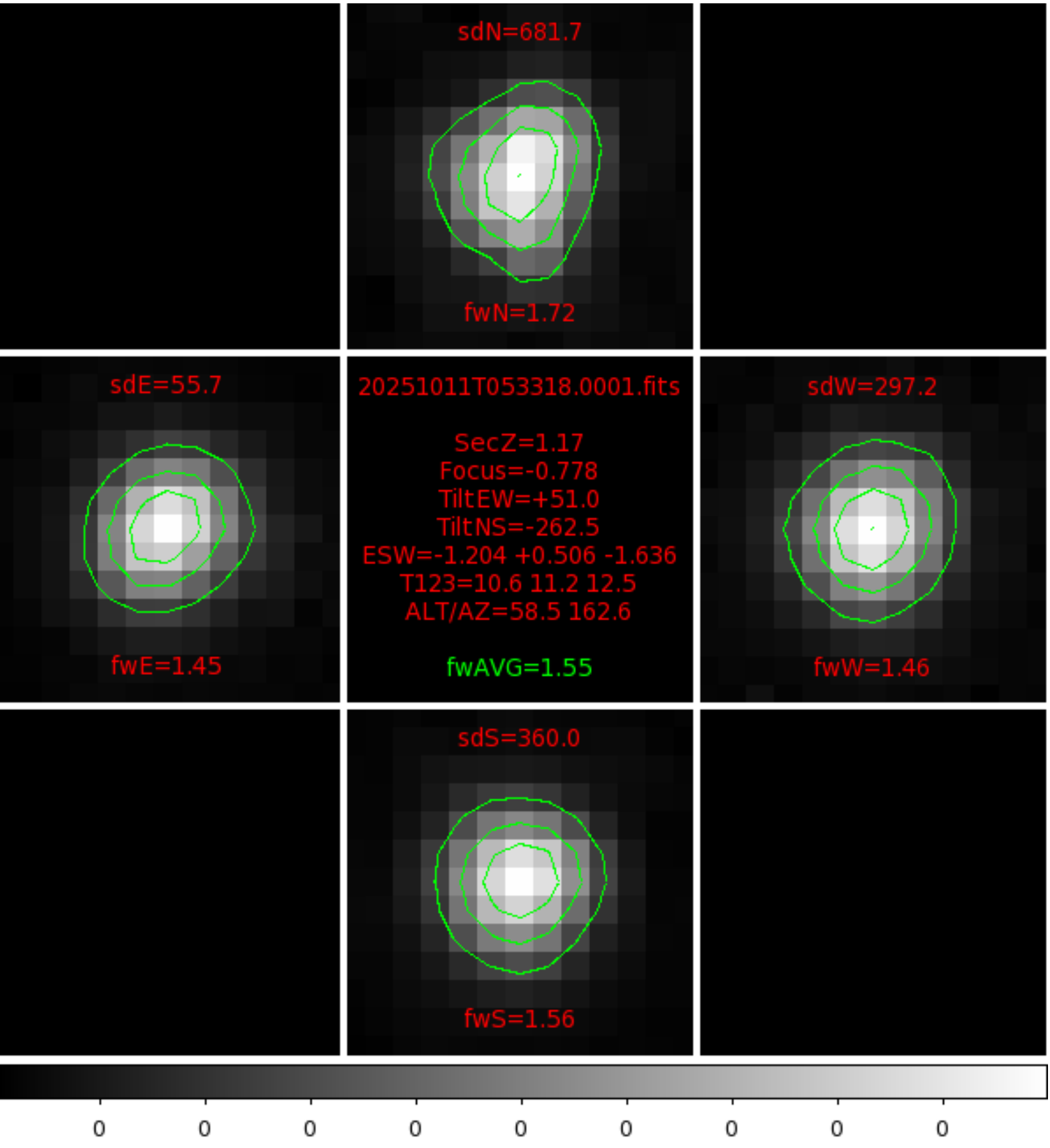
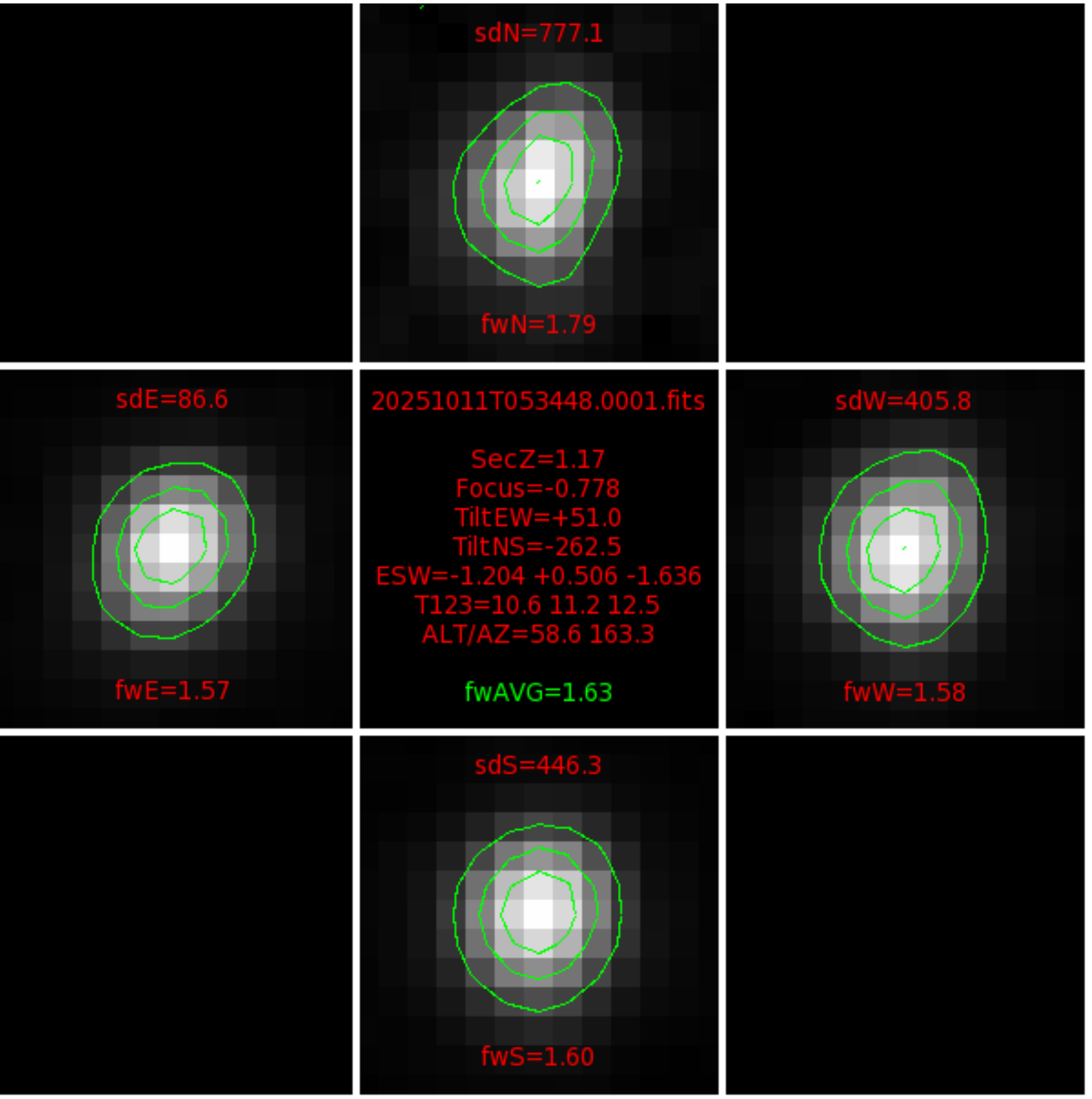

sdN=681.7
fwN=1.72
sdE=55.7
fwE=1.45
20251011T053318.0001.fits
SecZ=1.17
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=58.5 162.6
fwAVG=1.55
sdW=297.2
fwW=1.46
sdS=360.0
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=777.1
fwN=1.79
sdE=86.6
fwE=1.57
20251011T053448.0001.fits
SecZ=1.17
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=58.6 163.3
fwAVG=1.63
sdW=405.8
fwW=1.58
sdS=446.3
fwS=1.60
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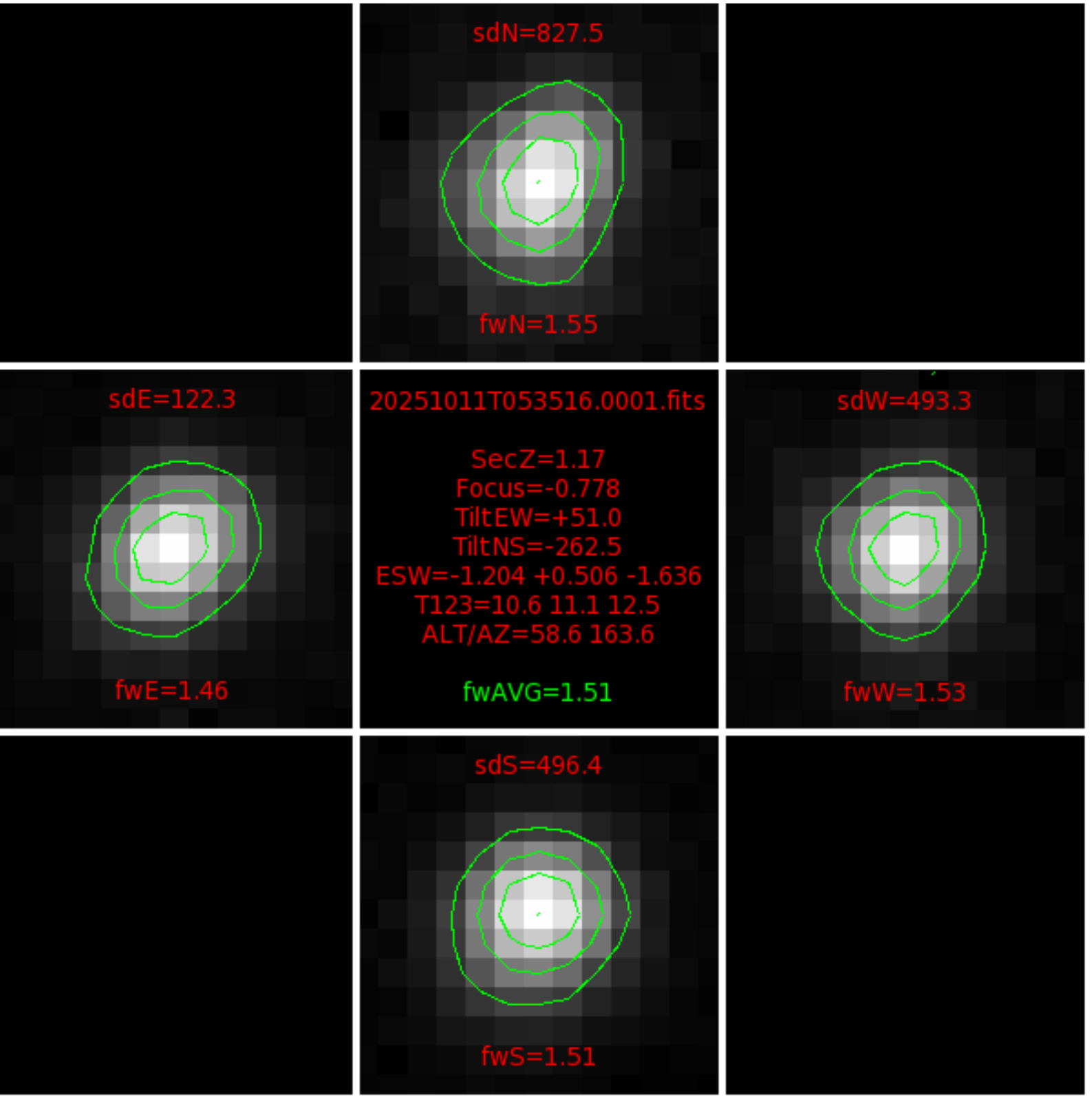
sdN=827.5
fwN=1.55
sdE=122.3
fwE=1.46
20251011T053516.0001.fits
SecZ=1.17
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.1 12.5
ALT/AZ=58.6 163.6
fwAVG=1.51
sdW=493.3
fwW=1.53
sdS=496.4
fwS=1.51
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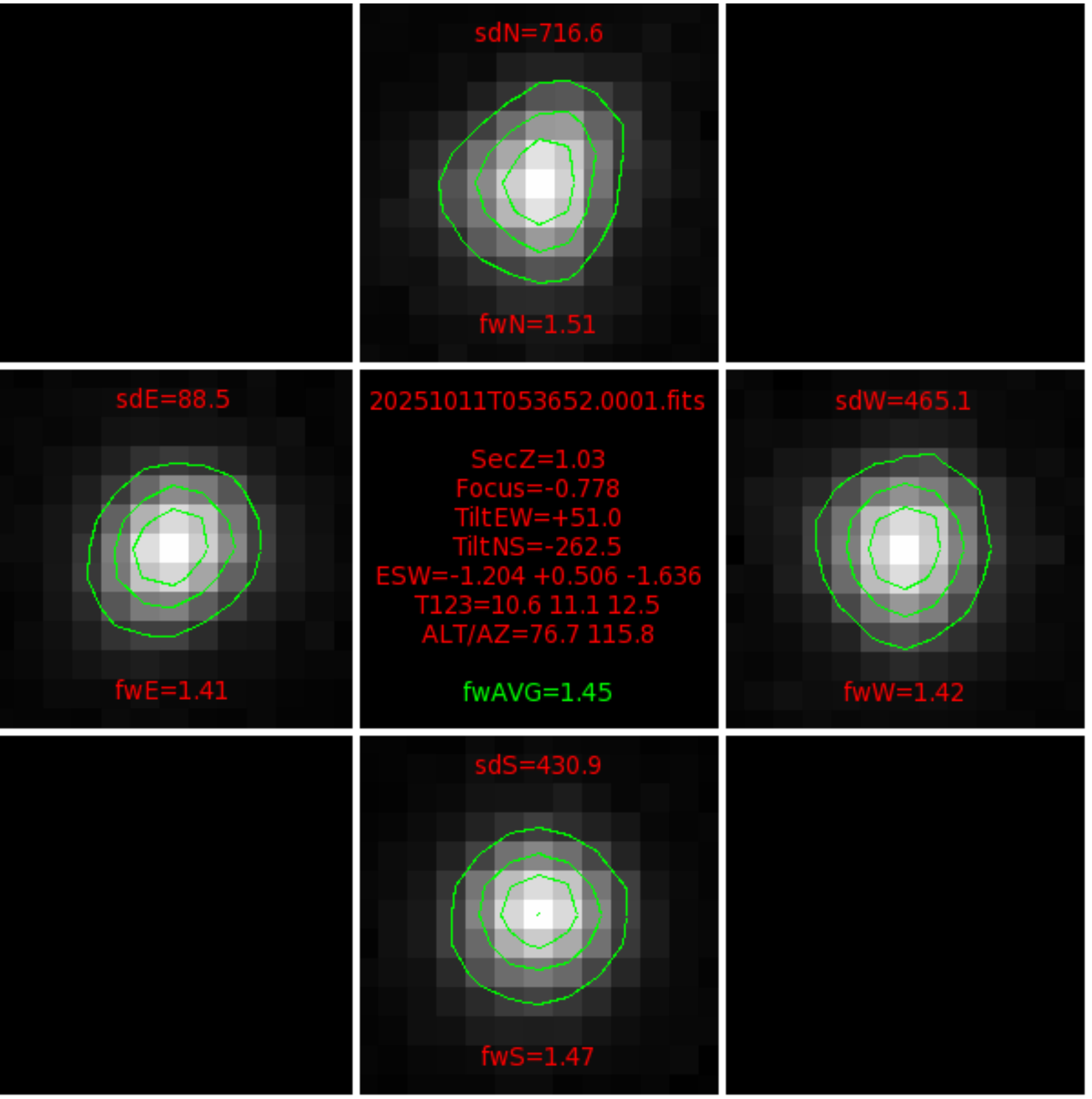
sdN=716.6
fwN=1.51
sdE=88.5
fwE=1.41
20251011T053652.0001.fits
SecZ=1.03
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.1 12.5
ALT/AZ=76.7 115.8
fwAVG=1.45
sdW=465.1
fwW=1.42
sdS=430.9
fwS=1.47
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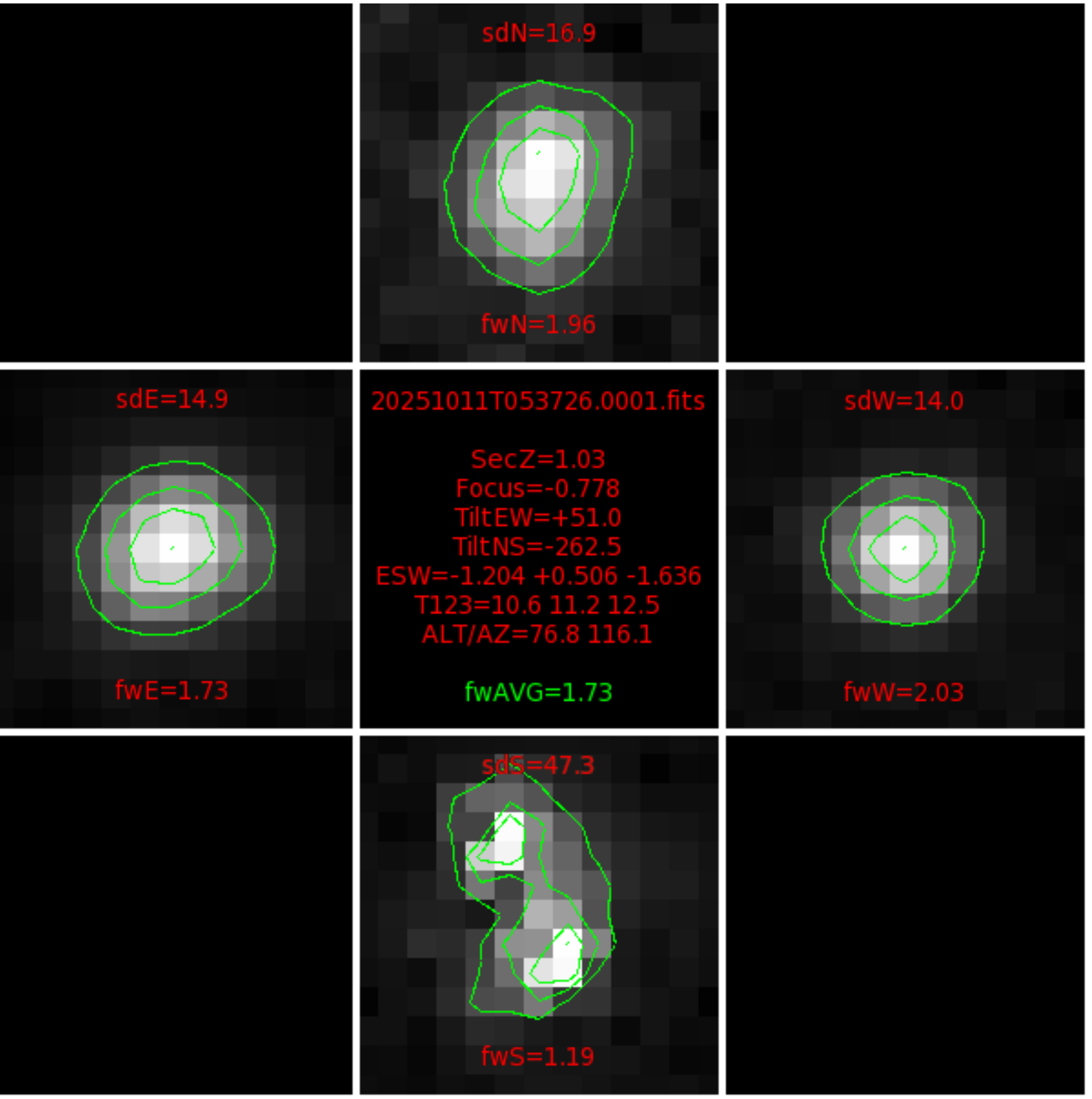
sdN=16.9
fwN=1.96
sdE=14.9
fwE=1.73
20251011T053726.0001.fits
SecZ=1.03
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=76.8 116.1
fwAVG=1.73
sdW=14.0
fwW=2.03
sdS=47.3
fwS=1.19
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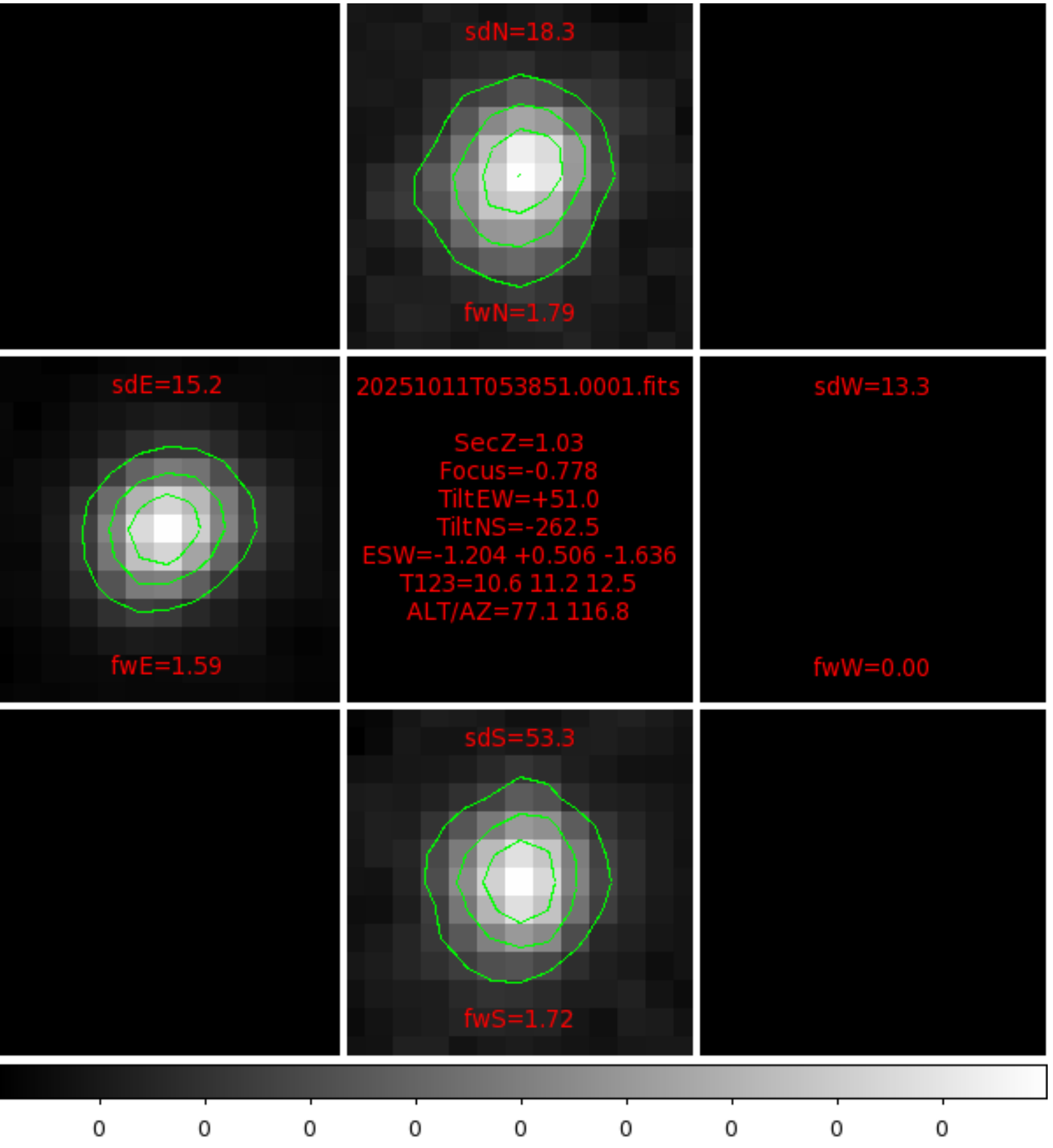
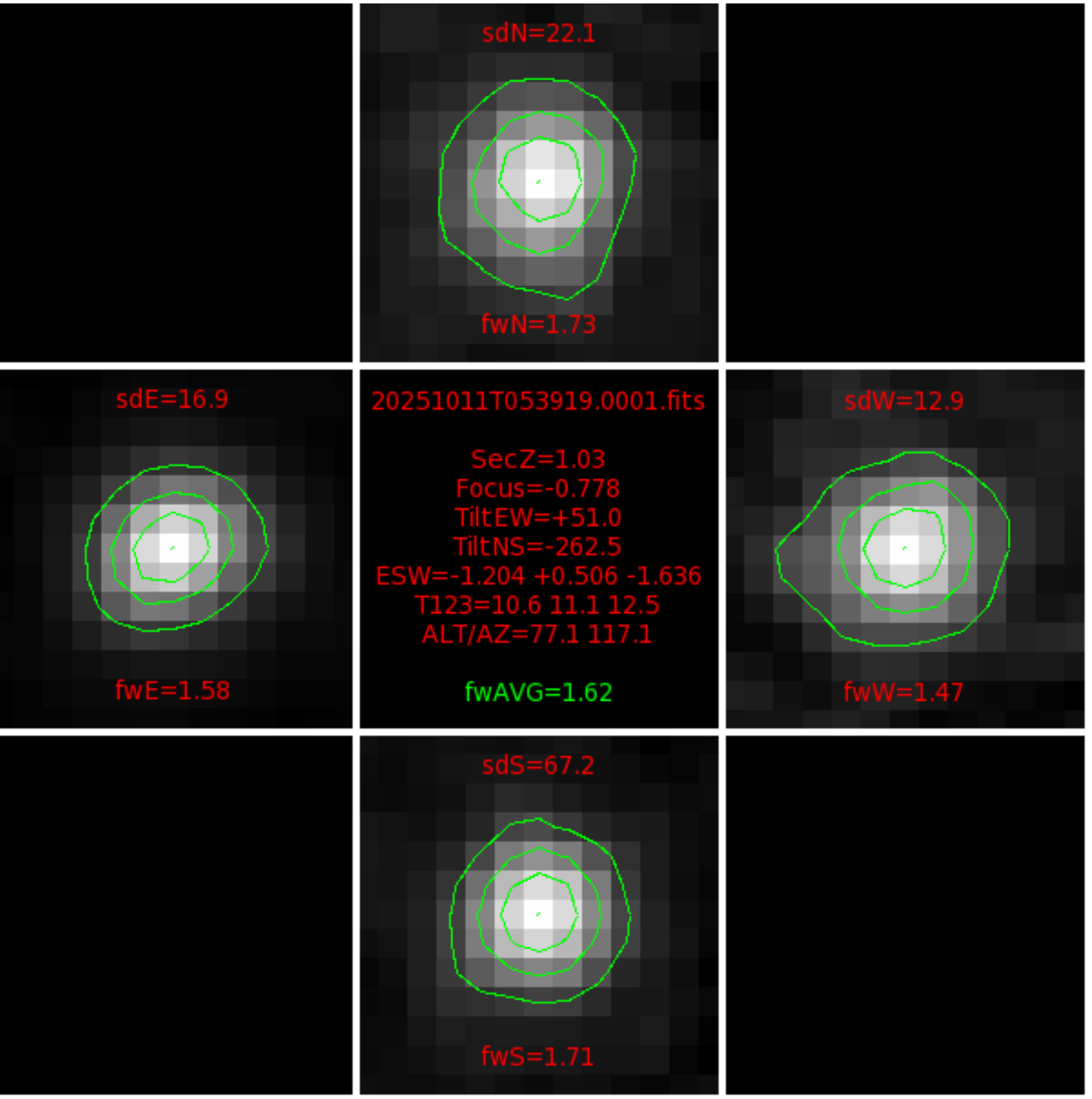

sdN=18.3
fwN=1.79
sdE=15.2
fwE=1.59
20251011T053851.0001.fits
SecZ=1.03
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.2 12.5
ALT/AZ=77.1 116.8
sdW=13.3
fwW=0.00
sdS=53.3
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=22.1
fwN=1.73
sdE=16.9
fwE=1.58
20251011T053919.0001.fits
SecZ=1.03
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.1 12.5
ALT/AZ=77.1 117.1
fwAVG=1.62
sdW=12.9
fwW=1.47
sdS=67.2
fwS=1.71
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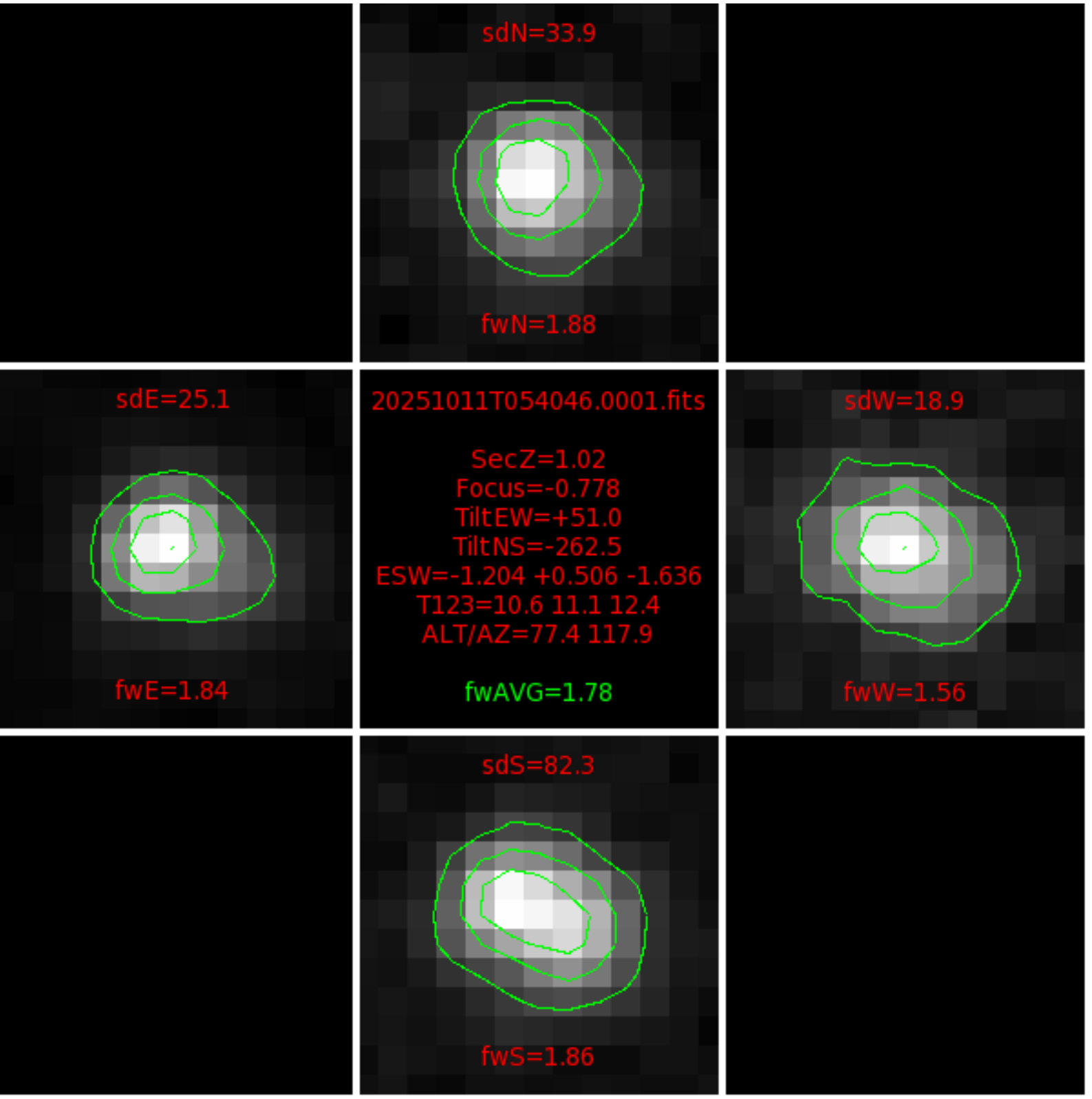
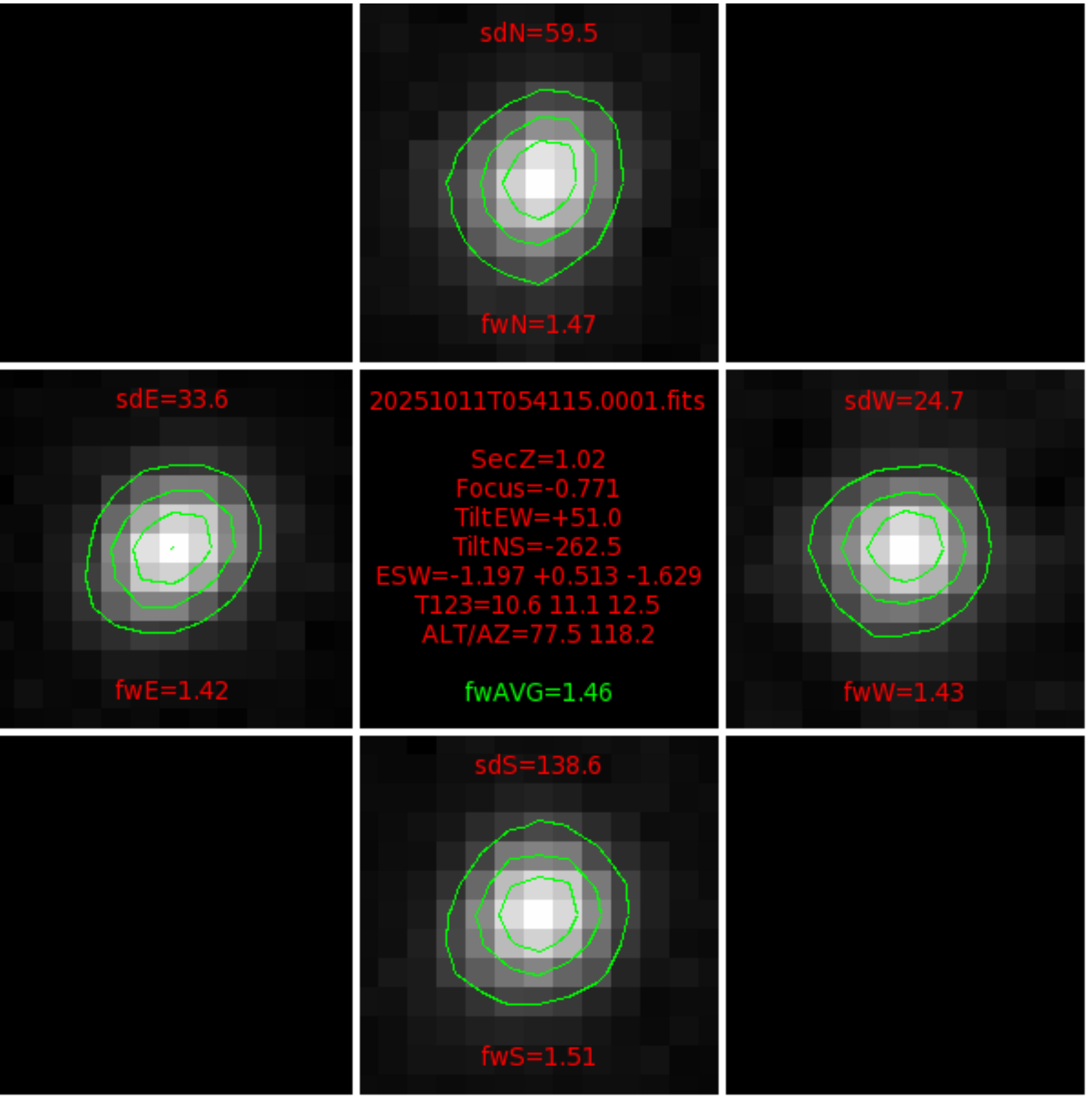
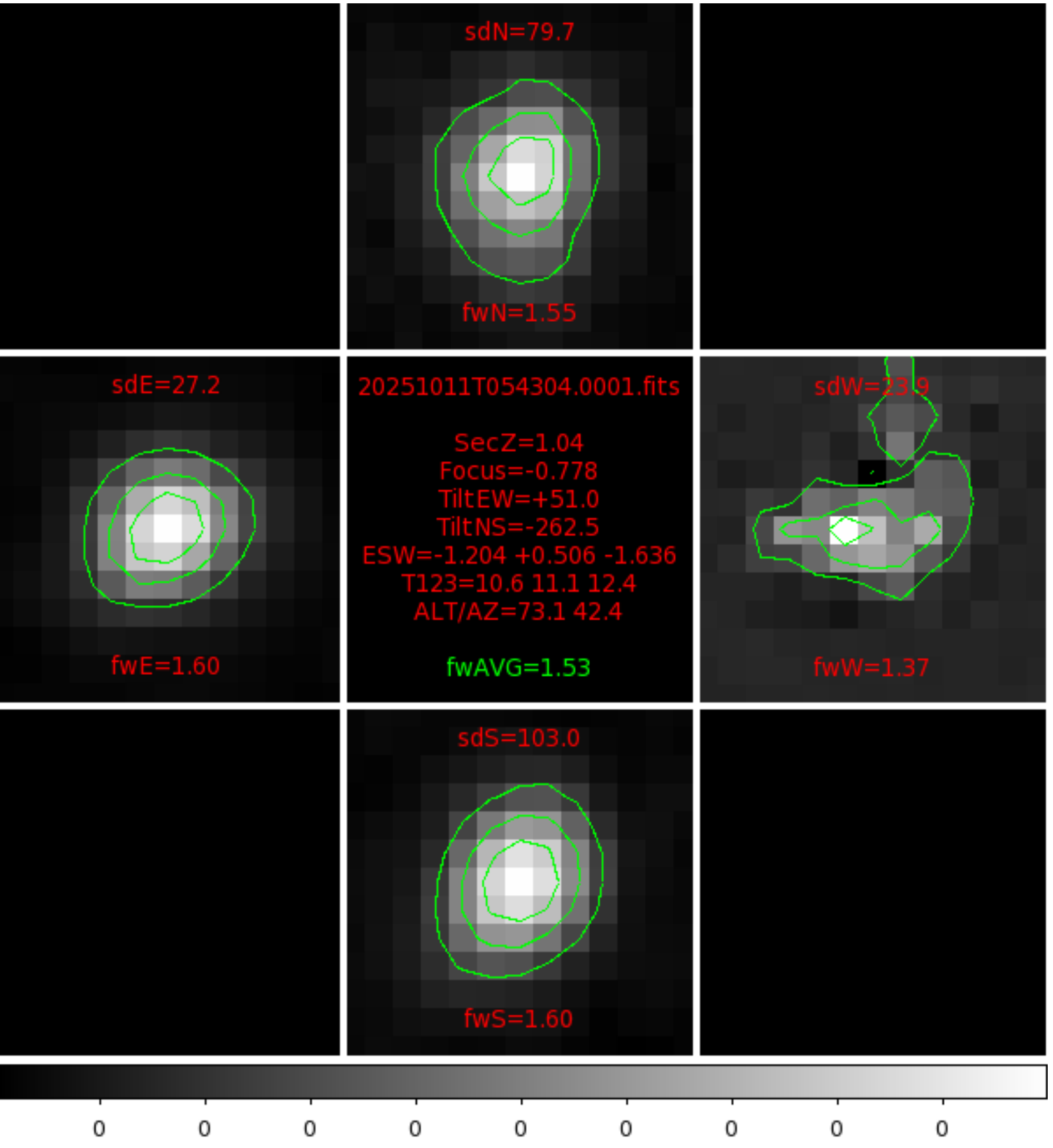
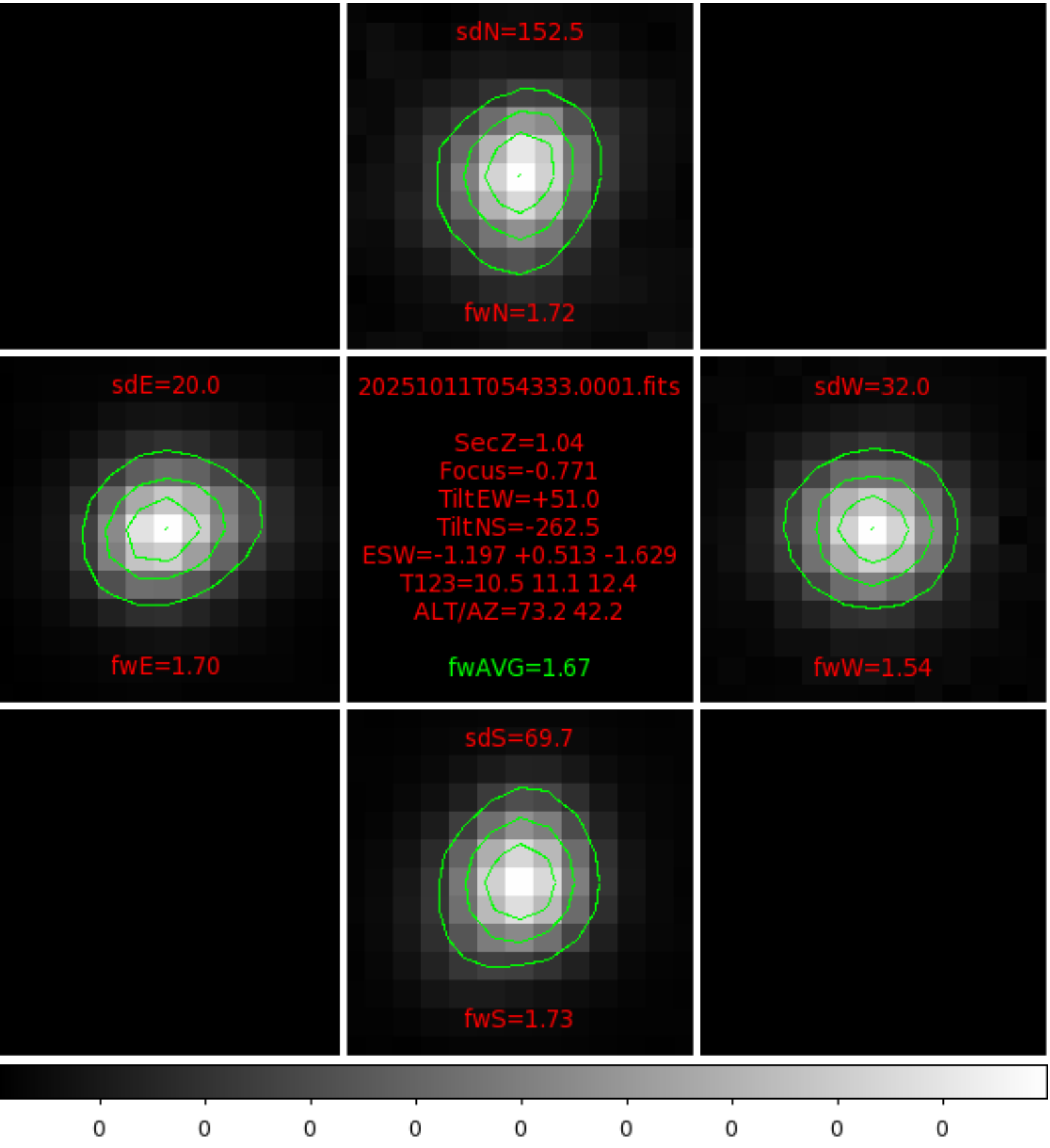

sdN=33.9
fwN=1.88
sdE=25.1
fwE=1.84
20251011T054046.0001.fits
SecZ=1.02
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.1 12.4
ALT/AZ=77.4 117.9
fwAVG=1.78
sdW=18.9
fwW=1.56
sdS=82.3
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=59.5
fwN=1.47
sdE=33.6
fwE=1.42
20251011T054115.0001.fits
SecZ=1.02
Focus=-0.771
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.197 +0.513 -1.629
T123=10.6 11.1 12.5
ALT/AZ=77.5 118.2
fwAVG=1.46
sdW=24.7
fwW=1.43
sdS=138.6
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=79.7
fwN=1.55
sdE=27.2
fwE=1.60
20251011T054304.0001.fits
SecZ=1.04
Focus=-0.778
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.204 +0.506 -1.636
T123=10.6 11.1 12.4
ALT/AZ=73.1 42.4
fwAVG=1.53
sdW=23.9
fwW=1.37
sdS=103.0
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=152.5
fwN=1.72
sdE=20.0
fwE=1.70
20251011T054333.0001.fits
SecZ=1.04
Focus=-0.771
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.197 +0.513 -1.629
T123=10.5 11.1 12.4
ALT/AZ=73.2 42.2
fwAVG=1.67
sdW=32.0
fwW=1.54
sdS=69.7
fwS=1.73
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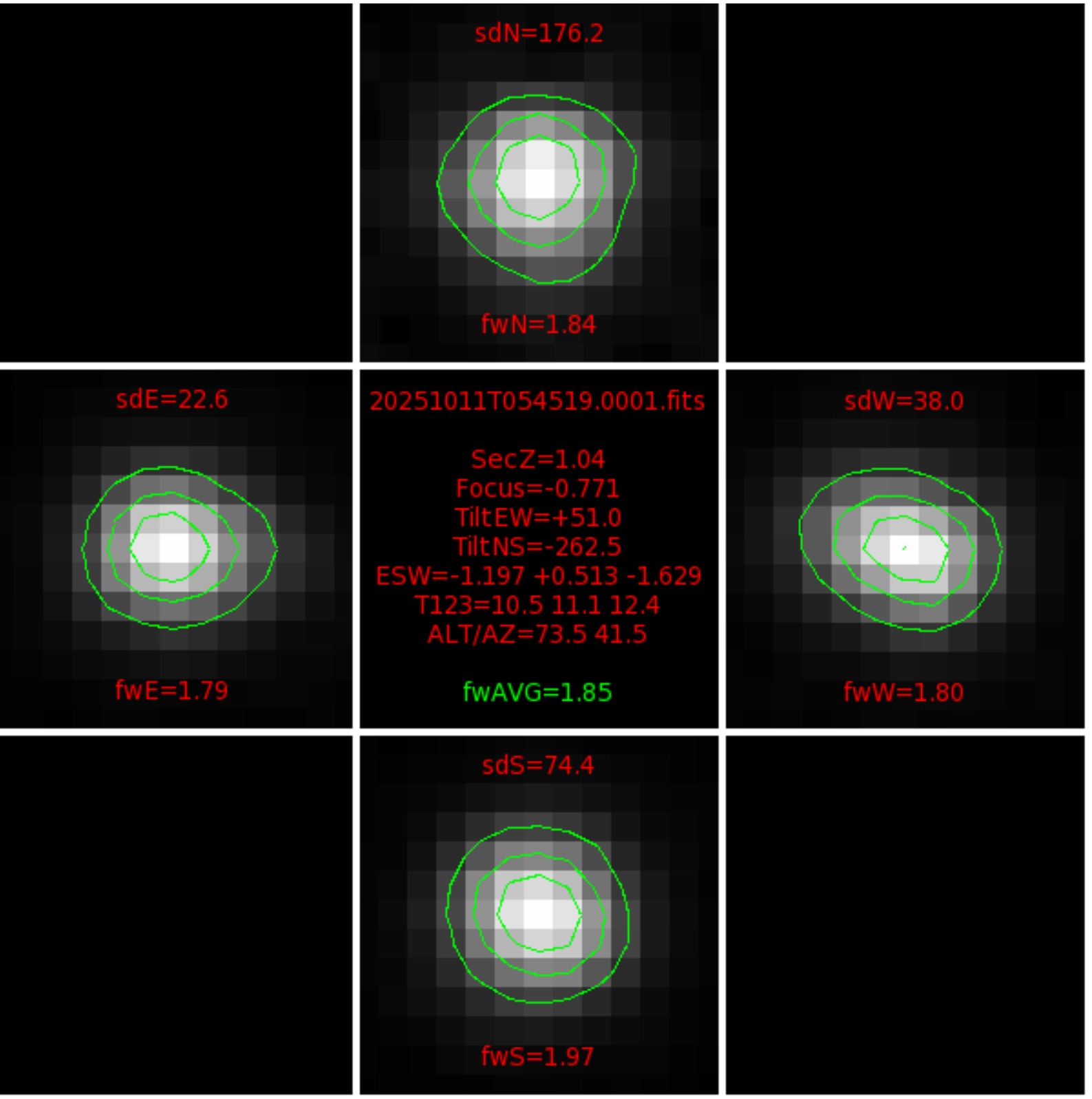
sdN=176.2
fwN=1.84
sdE=22.6
fwE=1.79
20251011T054519.0001.fits
SecZ=1.04
Focus=-0.771
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.197 +0.513 -1.629
T123=10.5 11.1 12.4
ALT/AZ=73.5 41.5
fwAVG=1.85
sdW=38.0
fwW=1.80
sdS=74.4
fwS=1.97
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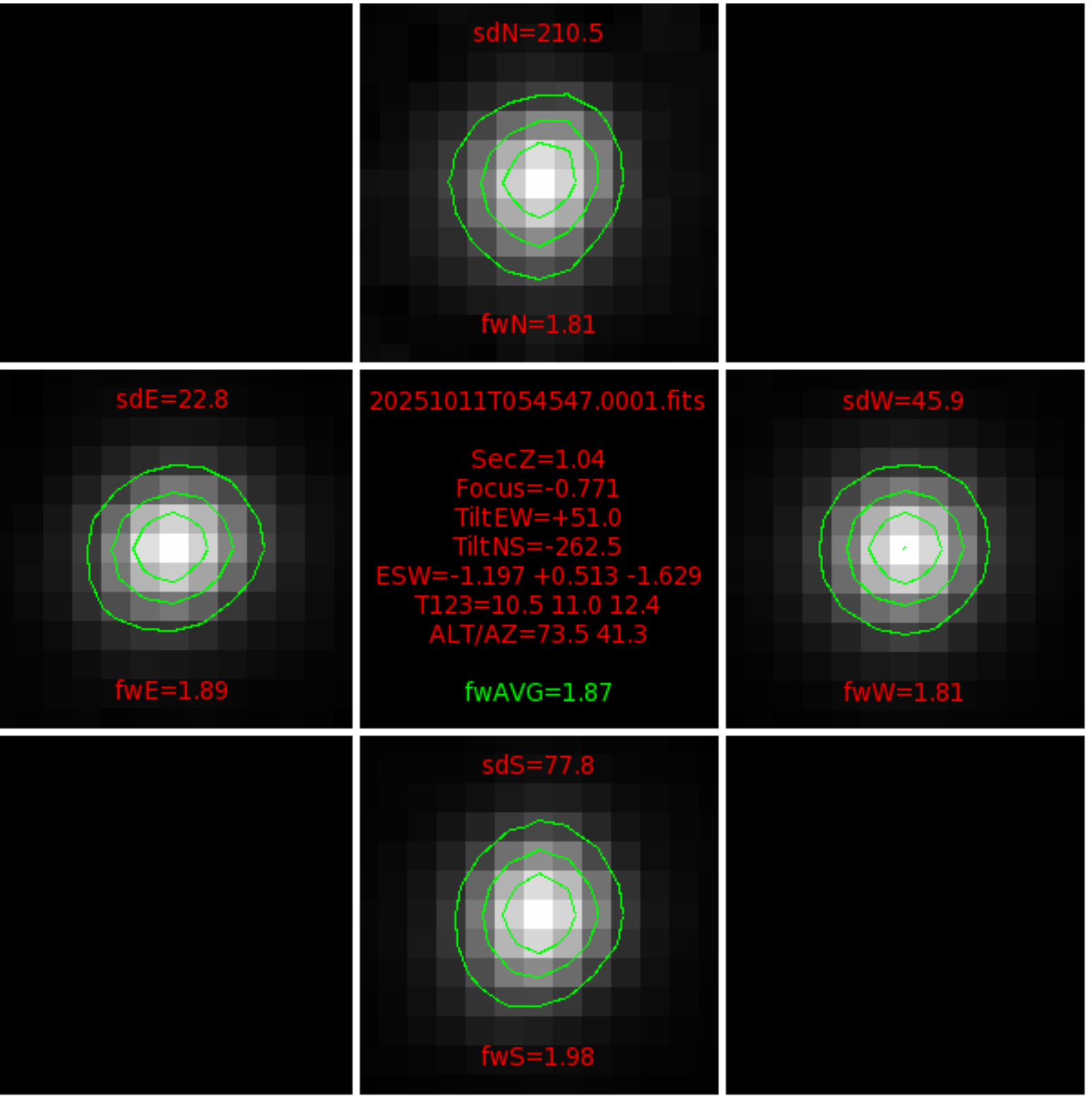
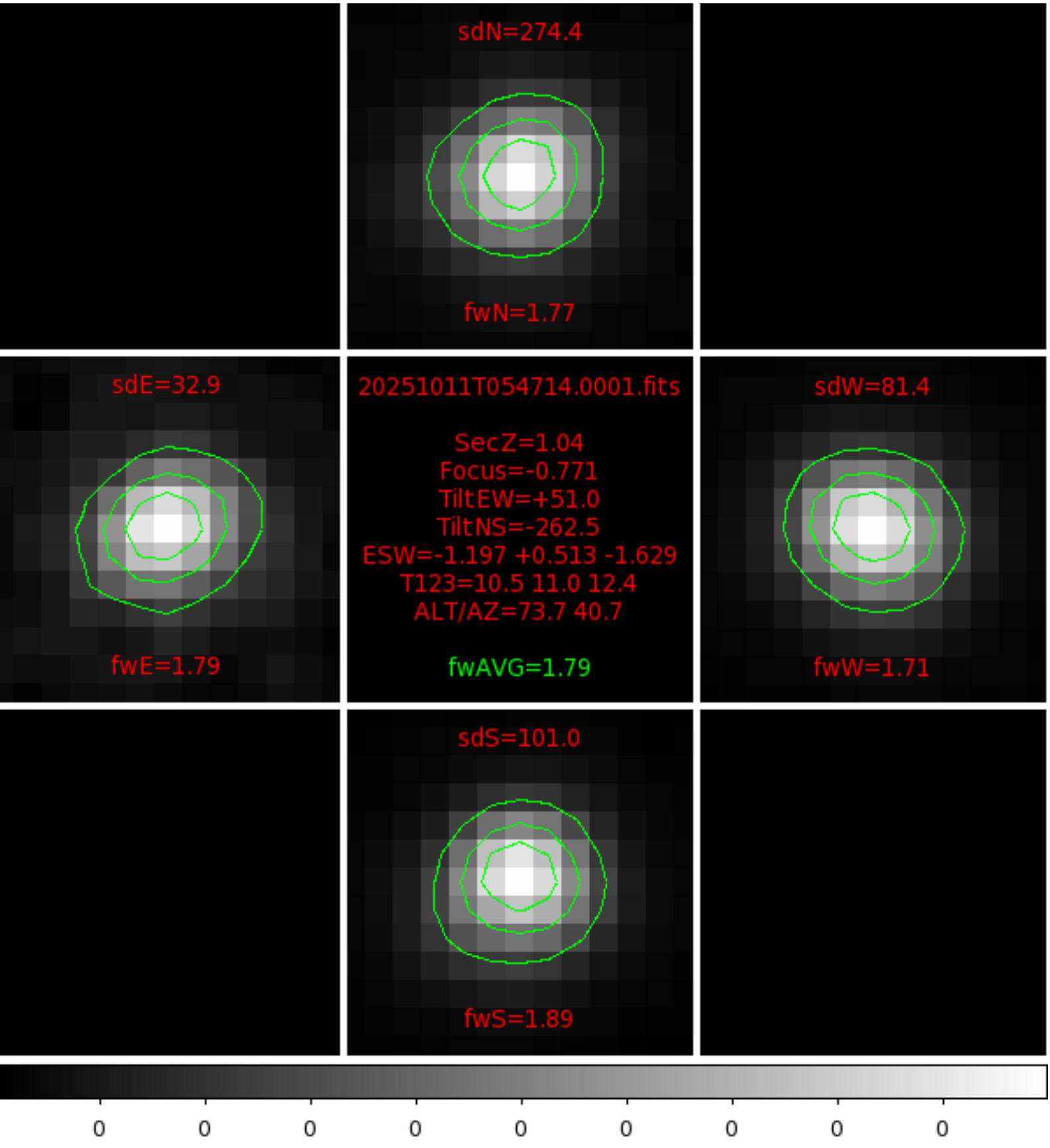
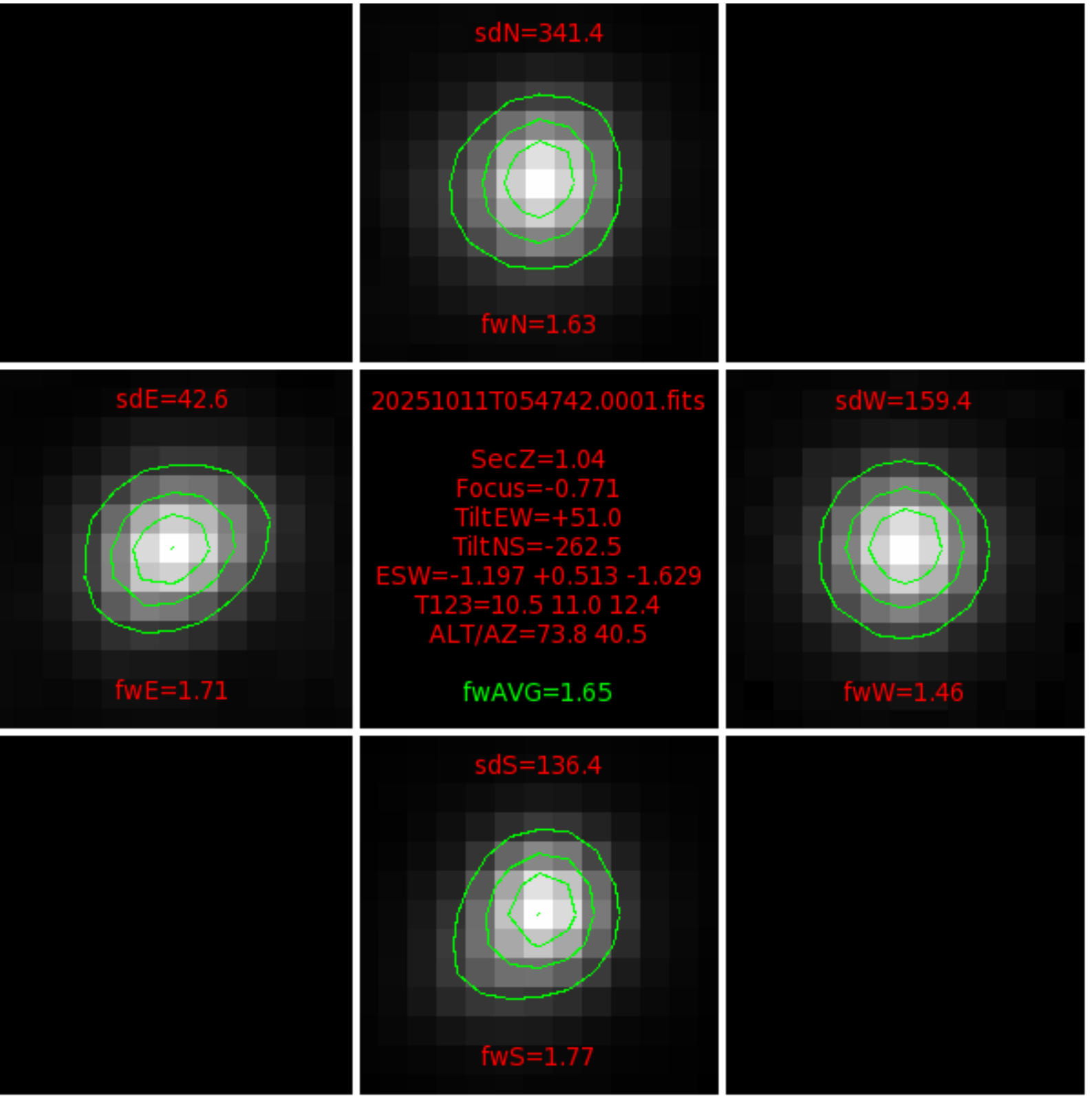

sdN=210.5
fwN=1.81
sdE=22.8
fwE=1.89
20251011T054547.0001.fits
SecZ=1.04
Focus=-0.771
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.197 +0.513 -1.629
T123=10.5 11.0 12.4
ALT/AZ=73.5 41.3
fwAVG=1.87
sdW=45.9
fwW=1.81
sdS=77.8
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=274.4
fwN=1.77
sdE=32.9
fwE=1.79
20251011T054714.0001.fits
SecZ=1.04
Focus=-0.771
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.197 +0.513 -1.629
T123=10.5 11.0 12.4
ALT/AZ=73.7 40.7
fwAVG=1.79
sdW=81.4
fwW=1.71
sdS=101.0
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=341.4
fwN=1.63
sdE=42.6
fwE=1.71
20251011T054742.0001.fits
SecZ=1.04
Focus=-0.771
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.197 +0.513 -1.629
T123=10.5 11.0 12.4
ALT/AZ=73.8 40.5
fwAVG=1.65
sdW=159.4
fwW=1.46
sdS=136.4
fwS=1.77
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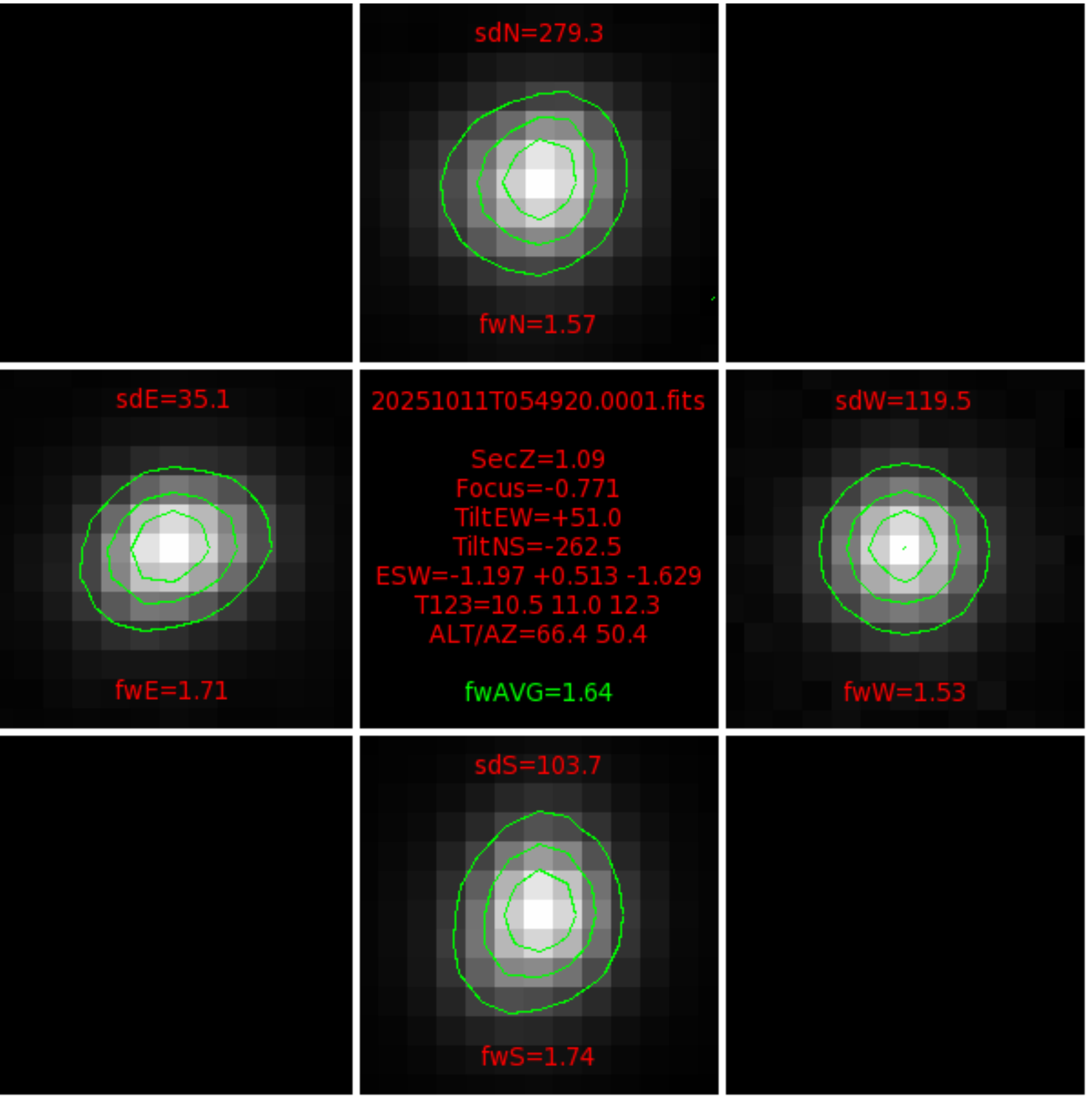
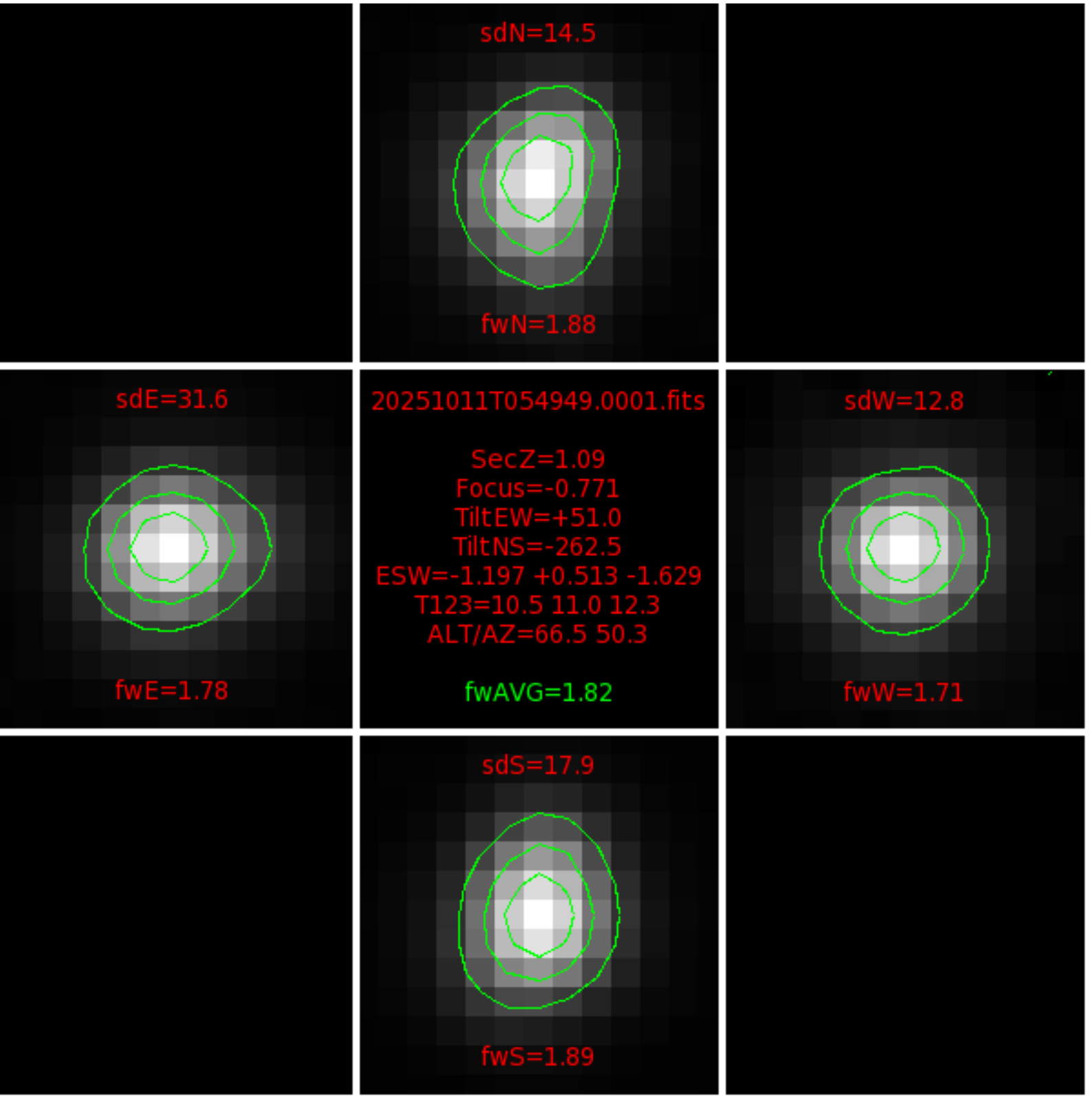
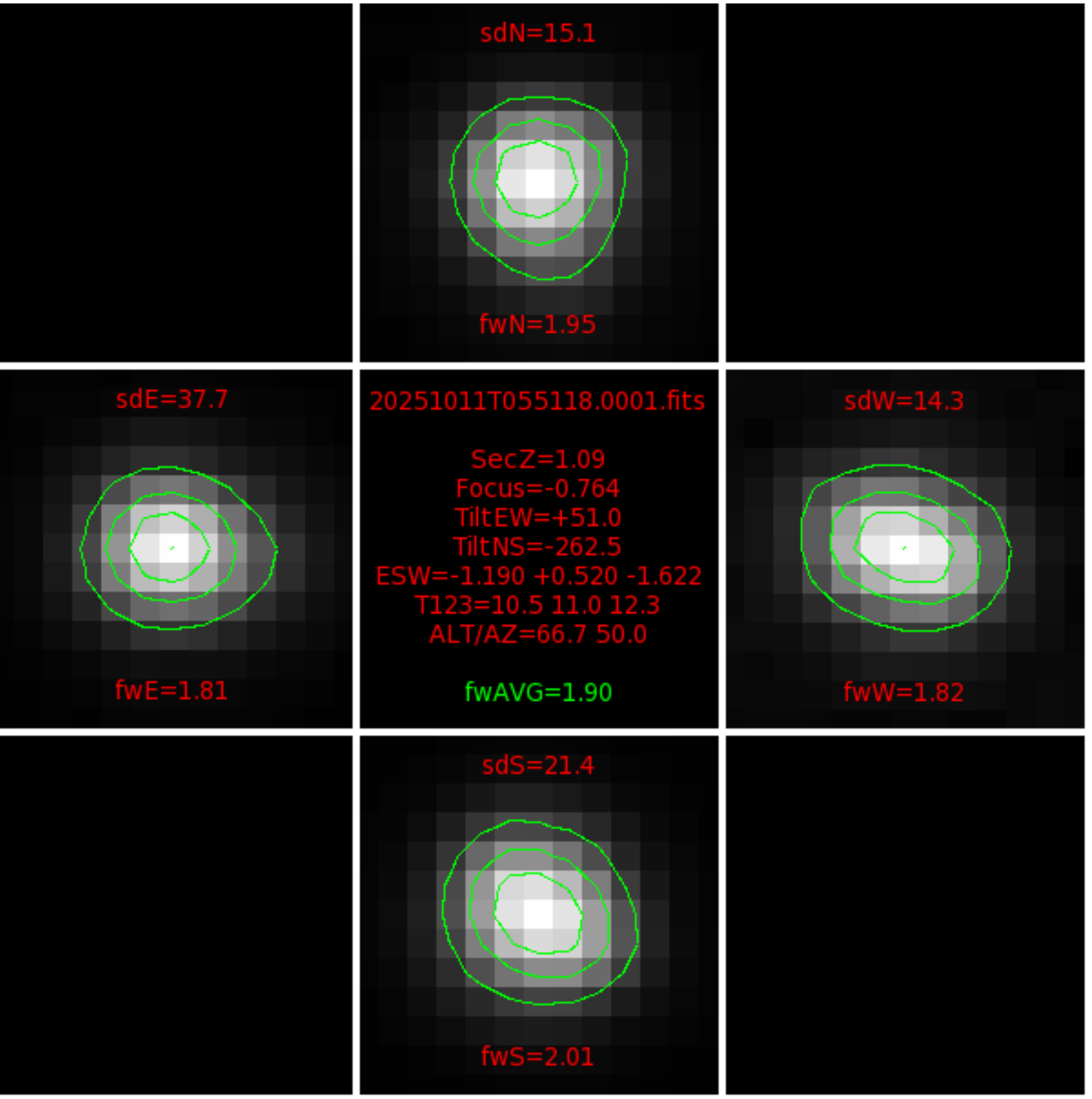

sdN=279.3
fwN=1.57
sdE=35.1
fwE=1.71
20251011T054920.0001.fits
SecZ=1.09
Focus=-0.771
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.197 +0.513 -1.629
T123=10.5 11.0 12.3
ALT/AZ=66.4 50.4
fwAVG=1.64
sdW=119.5
fwW=1.53
sdS=103.7
fwS=1.74
0 0 0 0 0 0 0 0 0


sdN=14.5
fwN=1.88
sdE=31.6
fwE=1.78
20251011T054949.0001.fits
SecZ=1.09
Focus=-0.771
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.197 +0.513 -1.629
T123=10.5 11.0 12.3
ALT/AZ=66.5 50.3
fwAVG=1.82
sdW=12.8
fwW=1.71
sdS=17.9
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=15.1
fwN=1.95
sdE=37.7
fwE=1.81
20251011T055118.0001.fits
SecZ=1.09
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.5 11.0 12.3
ALT/AZ=66.7 50.0
fwAVG=1.90
sdW=14.3
fwW=1.82
sdS=21.4
fwS=2.01
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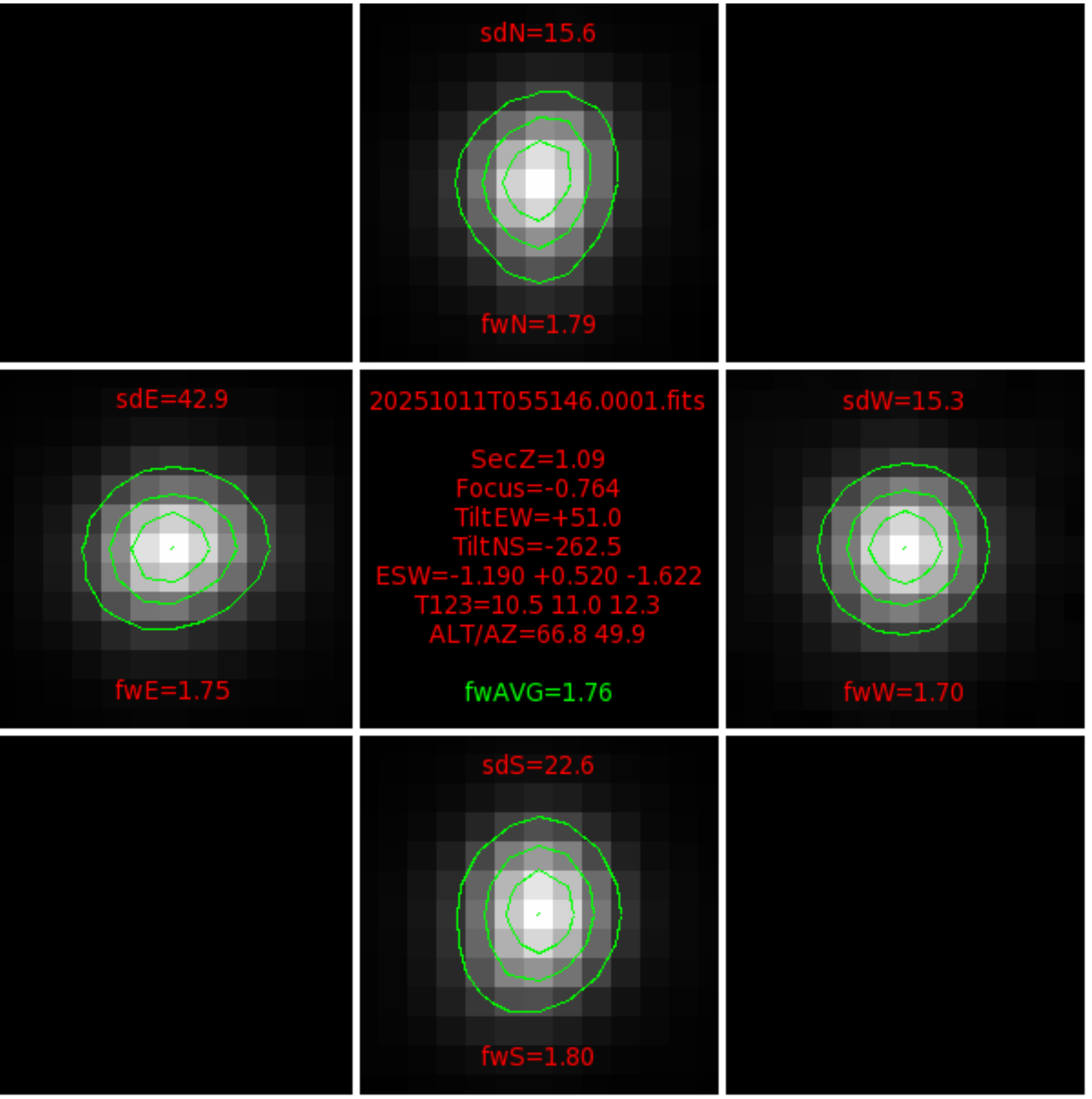
sdN=15.6
fwN=1.79
sdE=42.9
fwE=1.75
20251011T055146.0001.fits
SecZ=1.09
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.5 11.0 12.3
ALT/AZ=66.8 49.9
fwAVG=1.76
sdW=15.3
fwW=1.70
sdS=22.6
fwS=1.80
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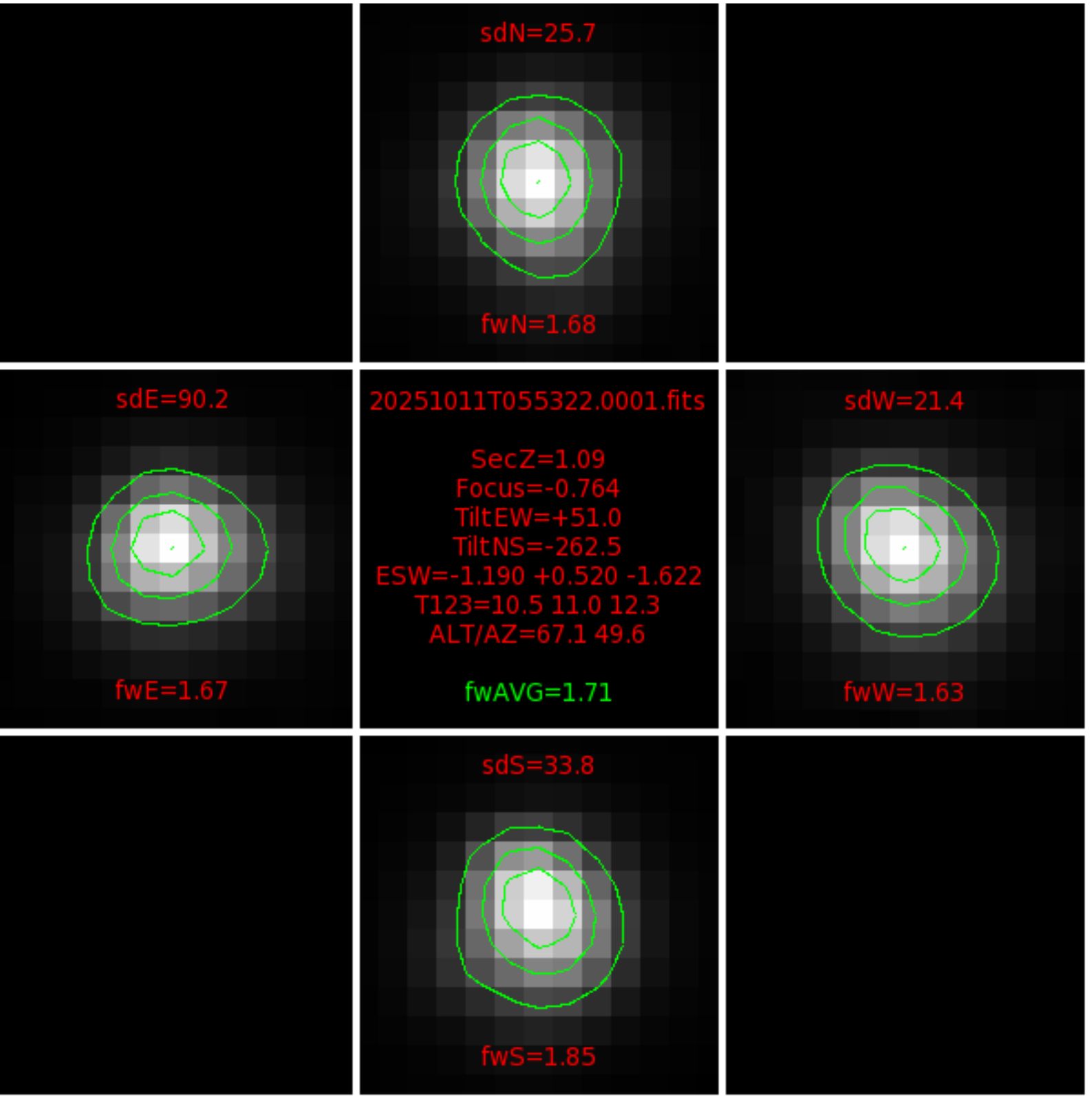
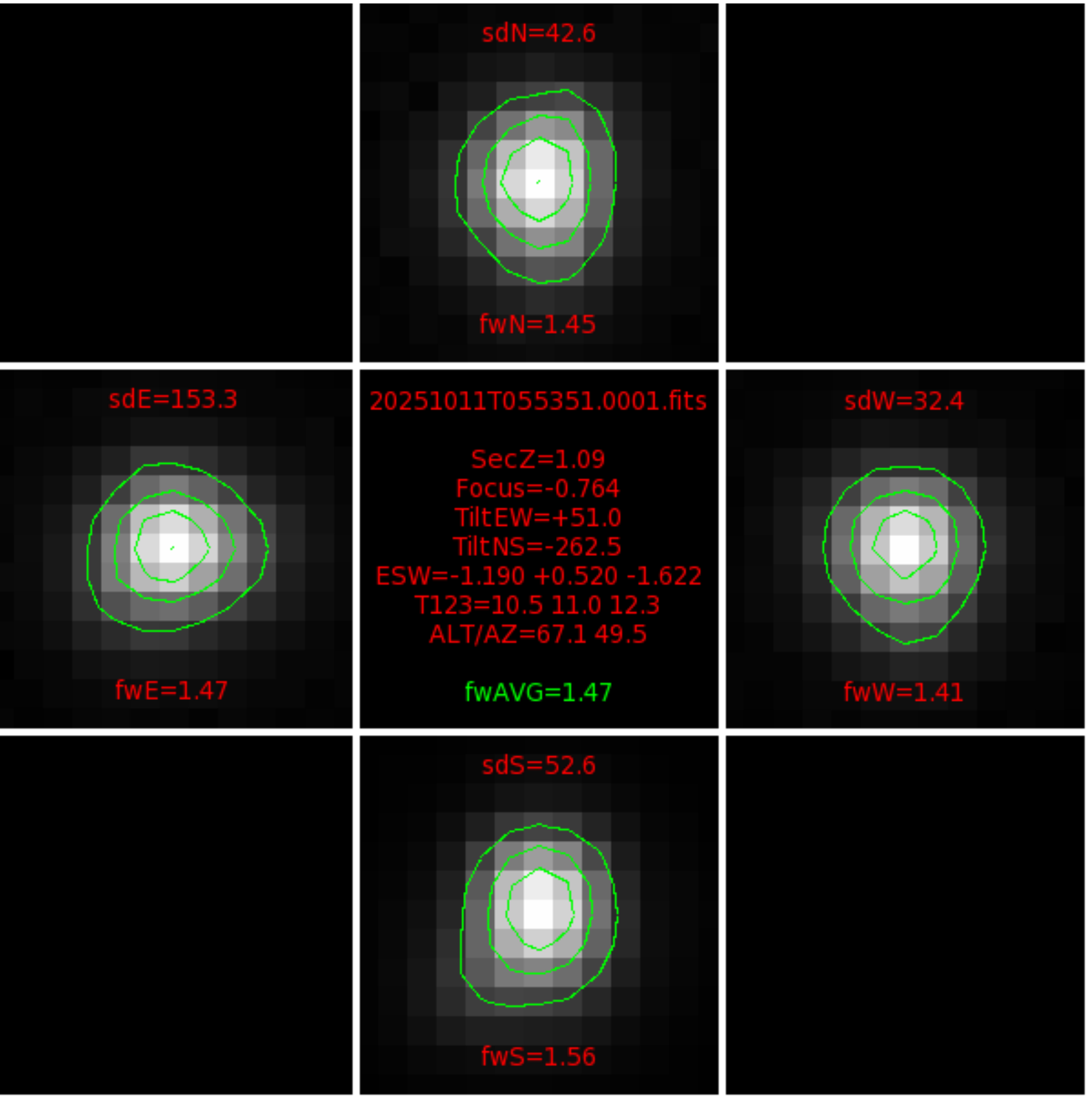

sdN=25.7
fwN=1.68
sdE=90.2
fwE=1.67
20251011T055322.0001.fits
SecZ=1.09
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.5 11.0 12.3
ALT/AZ=67.1 49.6
fwAVG=1.71
sdW=21.4
fwW=1.63
sdS=33.8
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=42.6
fwN=1.45
sdE=153.3
fwE=1.47
20251011T055351.0001.fits
SecZ=1.09
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.5 11.0 12.3
ALT/AZ=67.1 49.5
fwAVG=1.47
sdW=32.4
fwW=1.41
sdS=52.6
fwS=1.56
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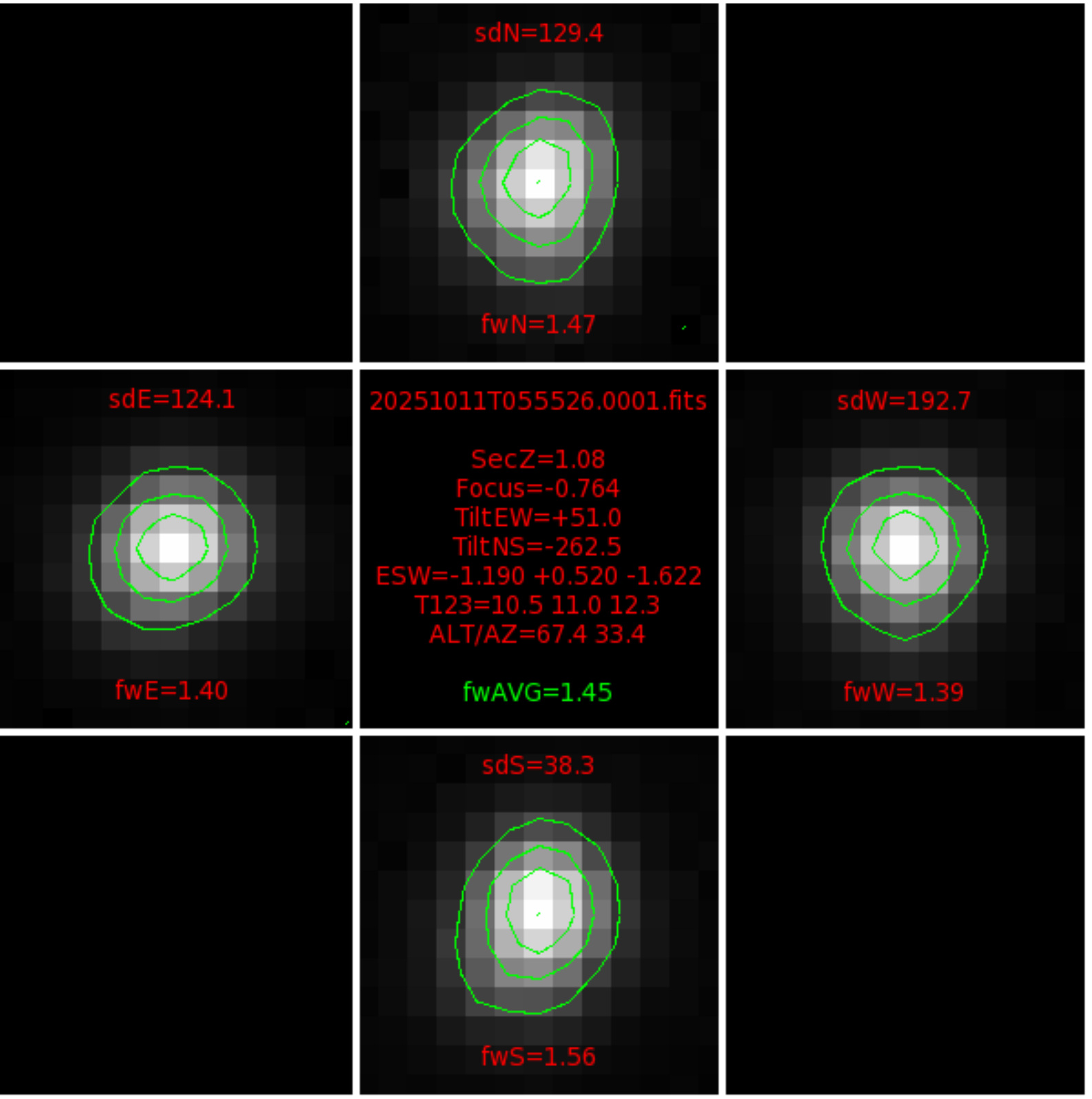
sdN=129.4
fwN=1.47
sdE=124.1
fwE=1.40
20251011T055526.0001.fits
SecZ=1.08
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.5 11.0 12.3
ALT/AZ=67.4 33.4
fwAVG=1.45
sdW=192.7
fwW=1.39
sdS=38.3
fwS=1.56
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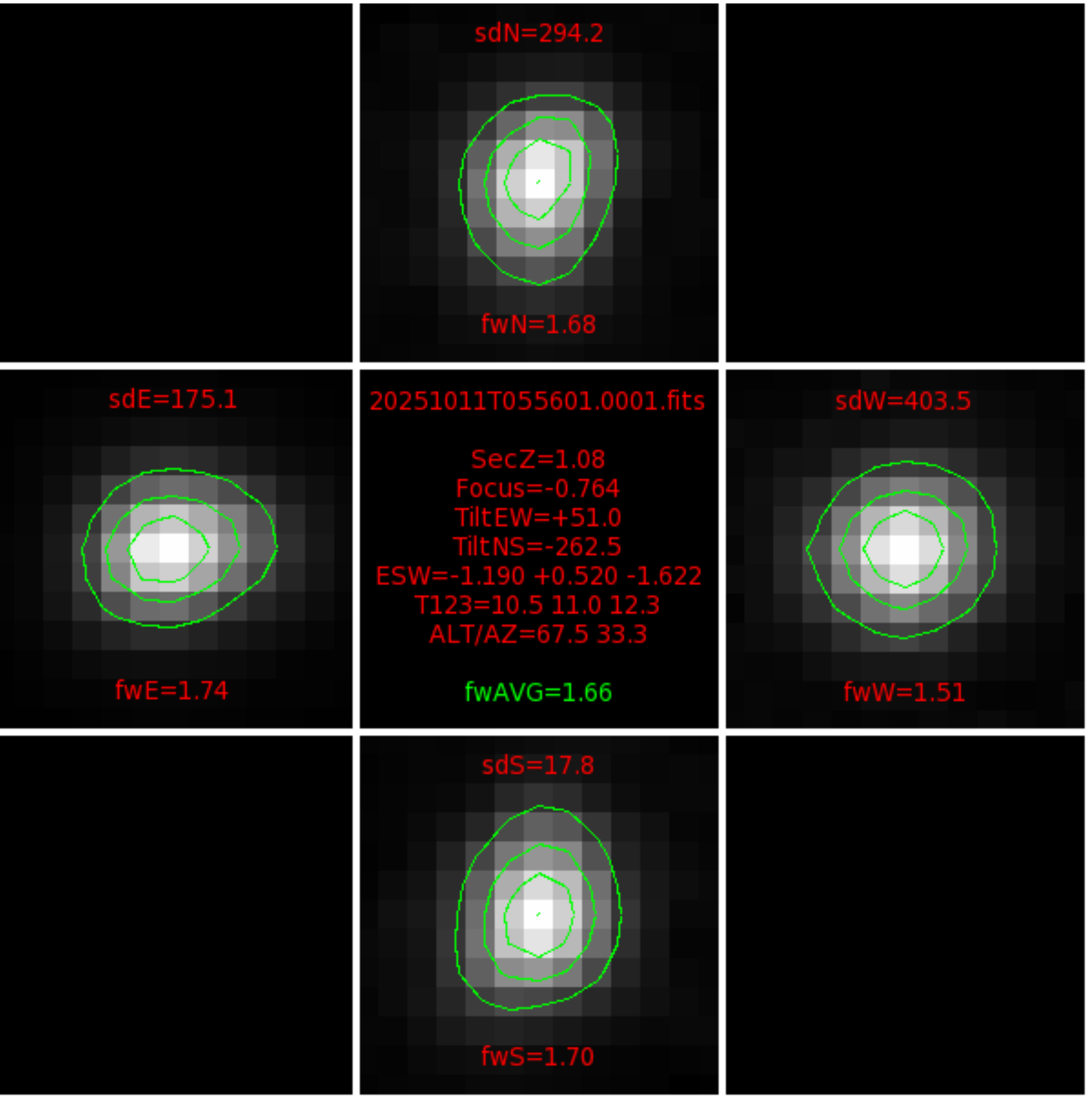
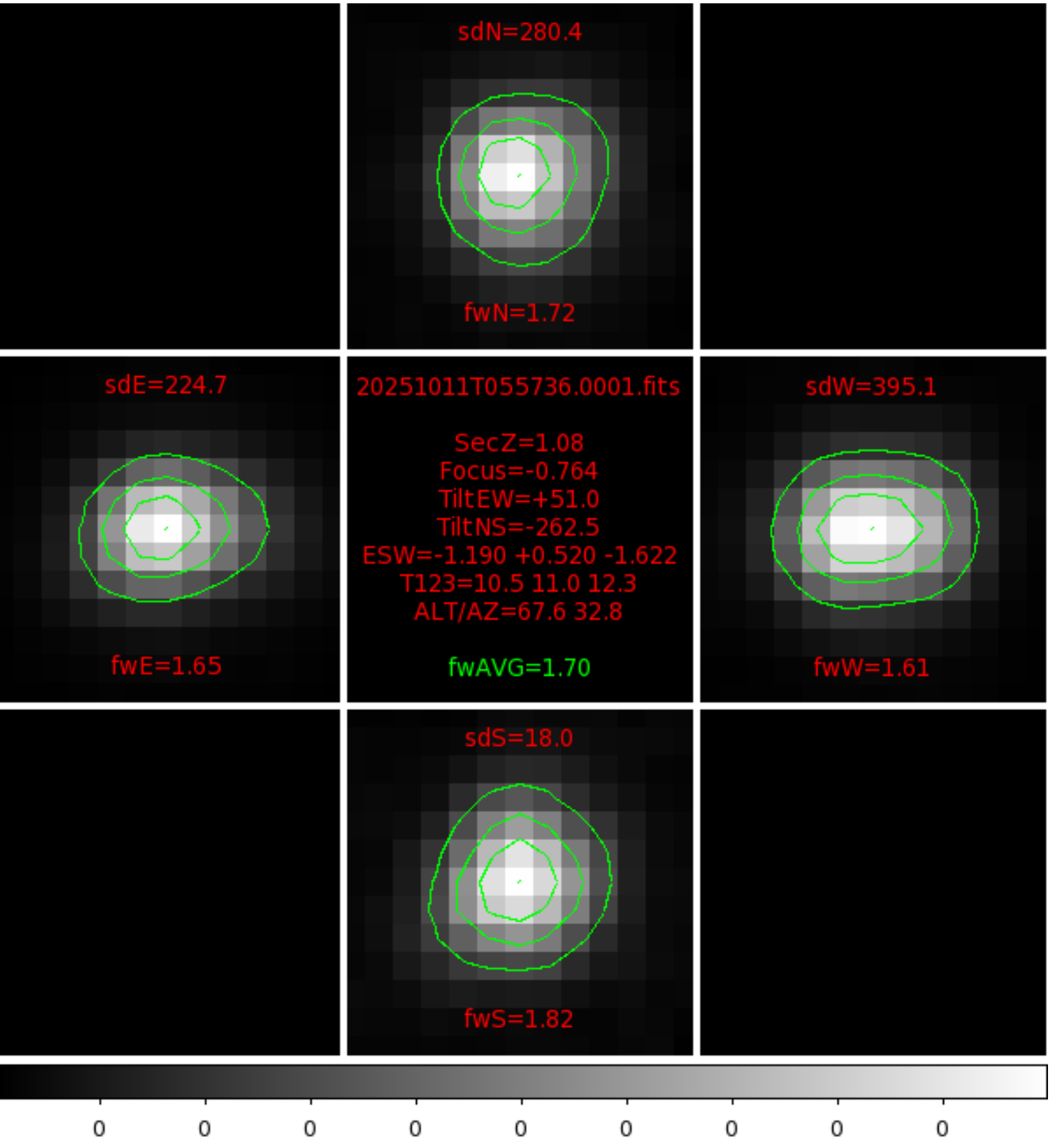
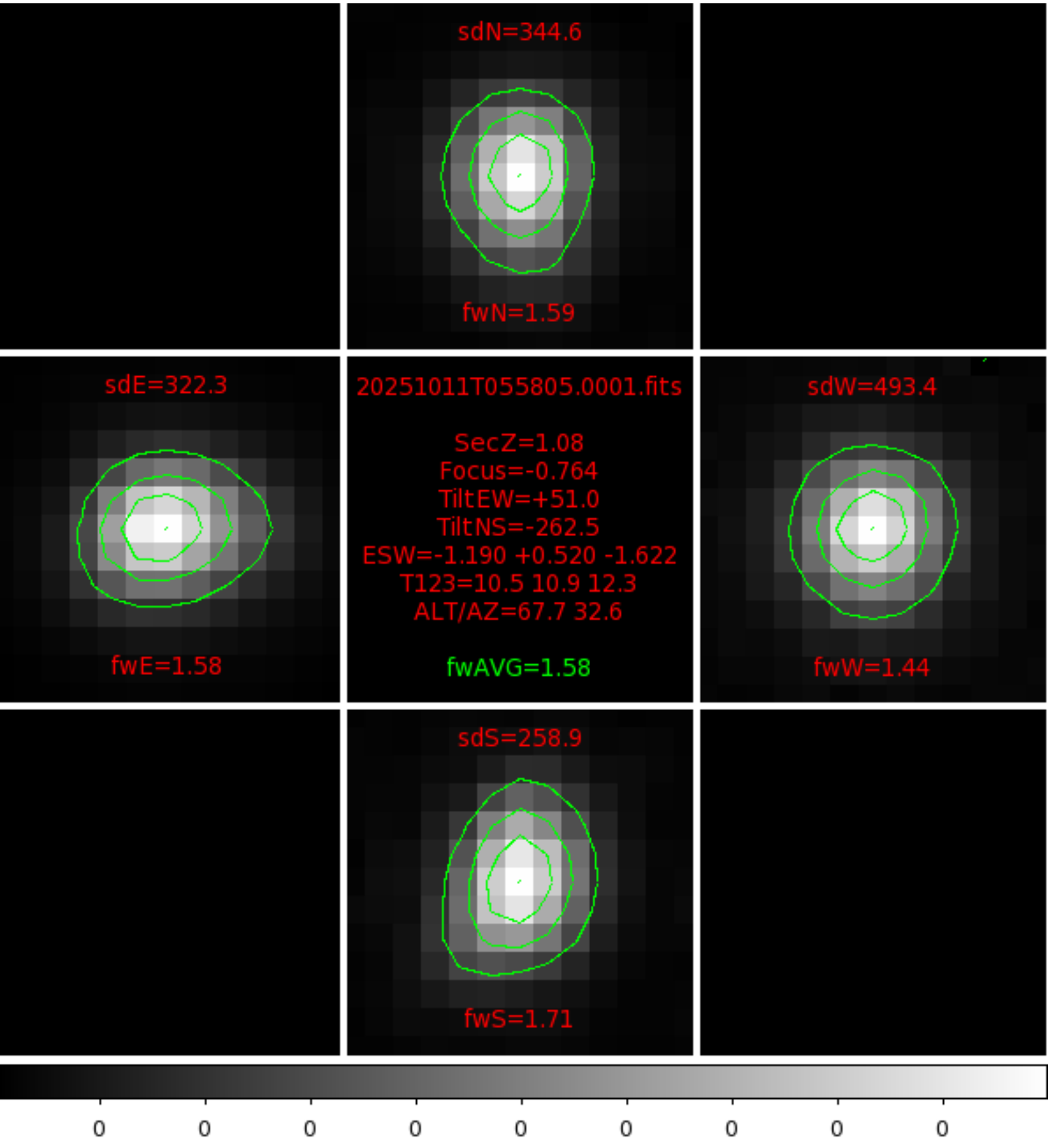

sdN=294.2
fwN=1.68
sdE=175.1
fwE=1.74
20251011T055601.0001.fits
SecZ=1.08
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.5 11.0 12.3
ALT/AZ=67.5 33.3
fwAVG=1.66
sdW=403.5
fwW=1.51
sdS=17.8
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=280.4
fwN=1.72
sdE=224.7
fwE=1.65
20251011T055736.0001.fits
SecZ=1.08
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.5 11.0 12.3
ALT/AZ=67.6 32.8
fwAVG=1.70
sdW=395.1
fwW=1.61
sdS=18.0
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=344.6
fwN=1.59
sdE=322.3
fwE=1.58
20251011T055805.0001.fits
SecZ=1.08
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.5 10.9 12.3
ALT/AZ=67.7 32.6
fwAVG=1.58
sdW=493.4
fwW=1.44
sdS=258.9
fwS=1.71
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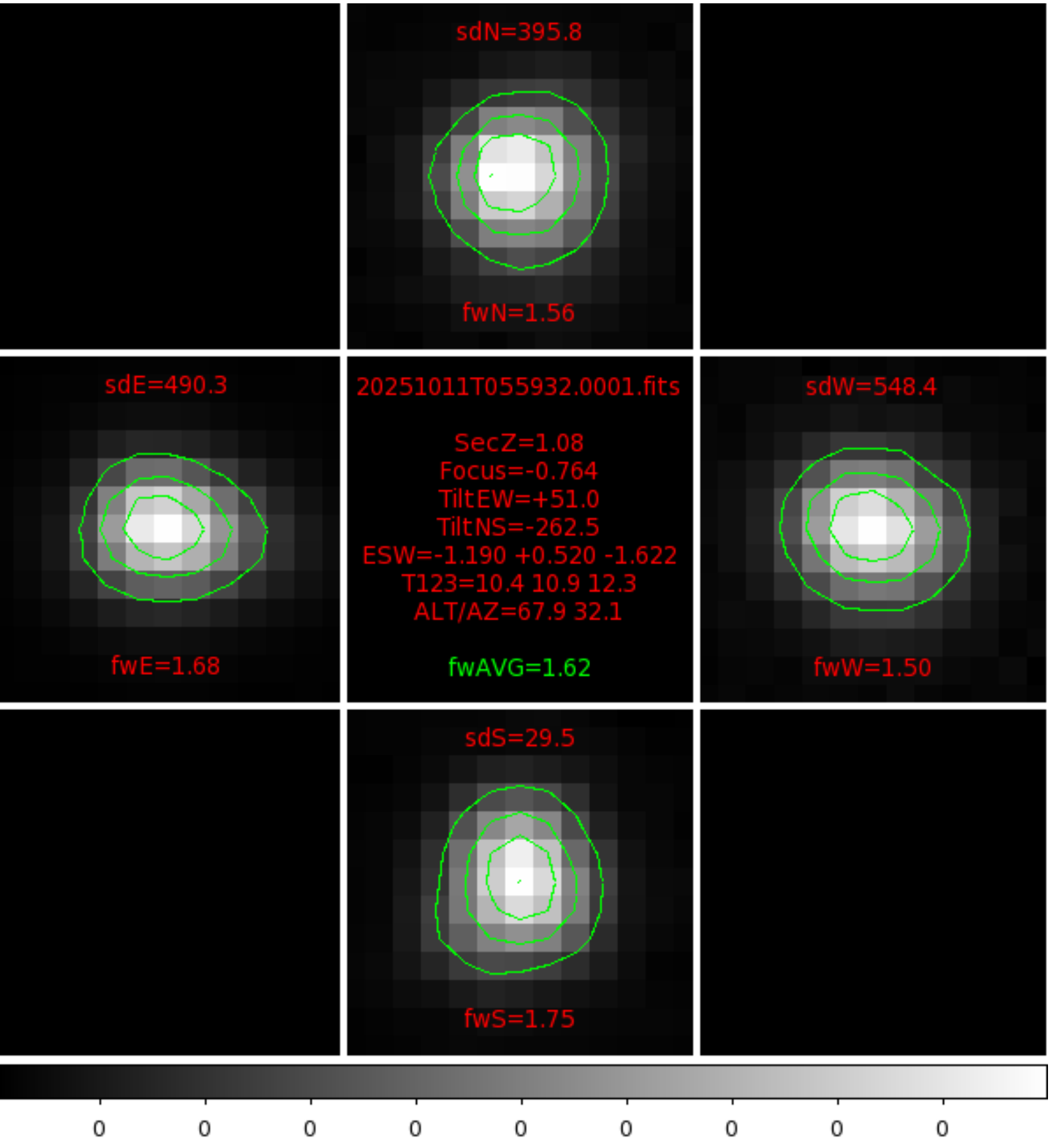
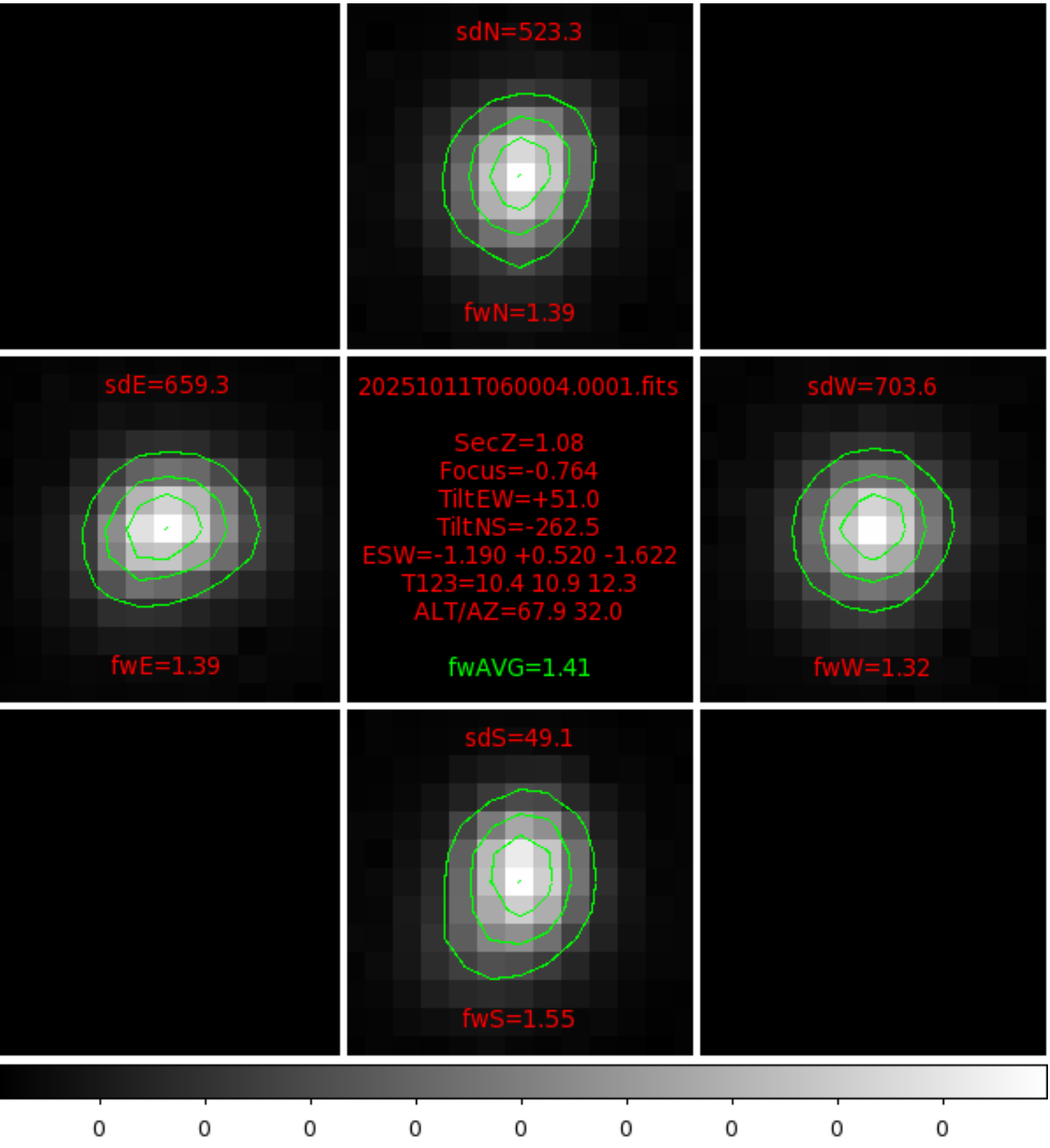
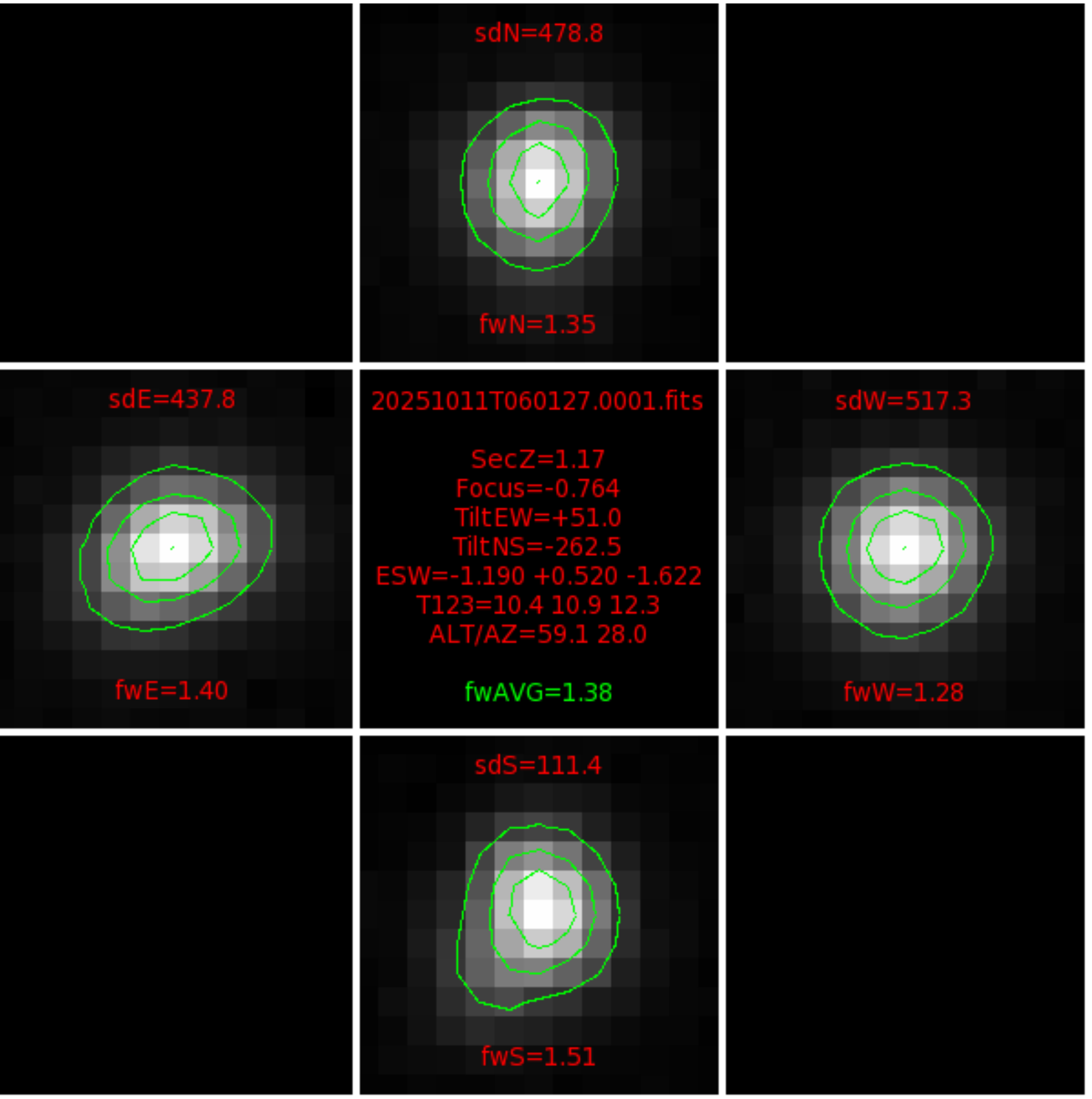

sdN=395.8
fwN=1.56
sdE=490.3
fwE=1.68
20251011T055932.0001.fits
SecZ=1.08
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.4 10.9 12.3
ALT/AZ=67.9 32.1
fwAVG=1.62
sdW=548.4
fwW=1.50
sdS=29.5
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=523.3
fwN=1.39
sdE=659.3
fwE=1.39
20251011T060004.0001.fits
SecZ=1.08
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.4 10.9 12.3
ALT/AZ=67.9 32.0
fwAVG=1.41
sdW=703.6
fwW=1.32
sdS=49.1
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=478.8
fwN=1.35
sdE=437.8
fwE=1.40
20251011T060127.0001.fits
SecZ=1.17
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.4 10.9 12.3
ALT/AZ=59.1 28.0
fwAVG=1.38
sdW=517.3
fwW=1.28
sdS=111.4
fwS=1.51
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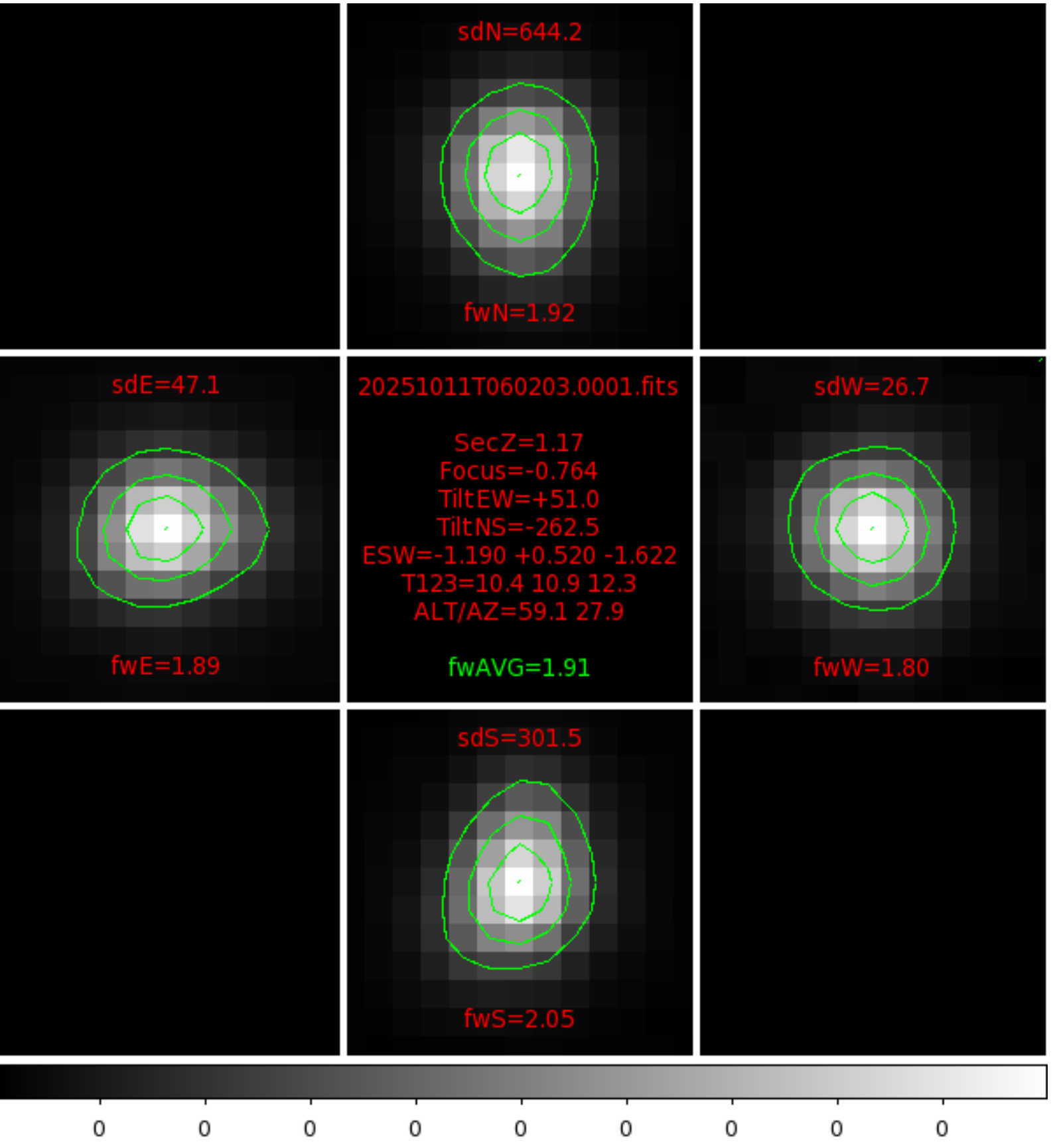
sdN=644.2
fwN=1.92
sdE=47.1
fwE=1.89
20251011T060203.0001.fits
SecZ=1.17
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.4 10.9 12.3
ALT/AZ=59.1 27.9
fwAVG=1.91
sdW=26.7
fwW=1.80
sdS=301.5
fwS=2.05
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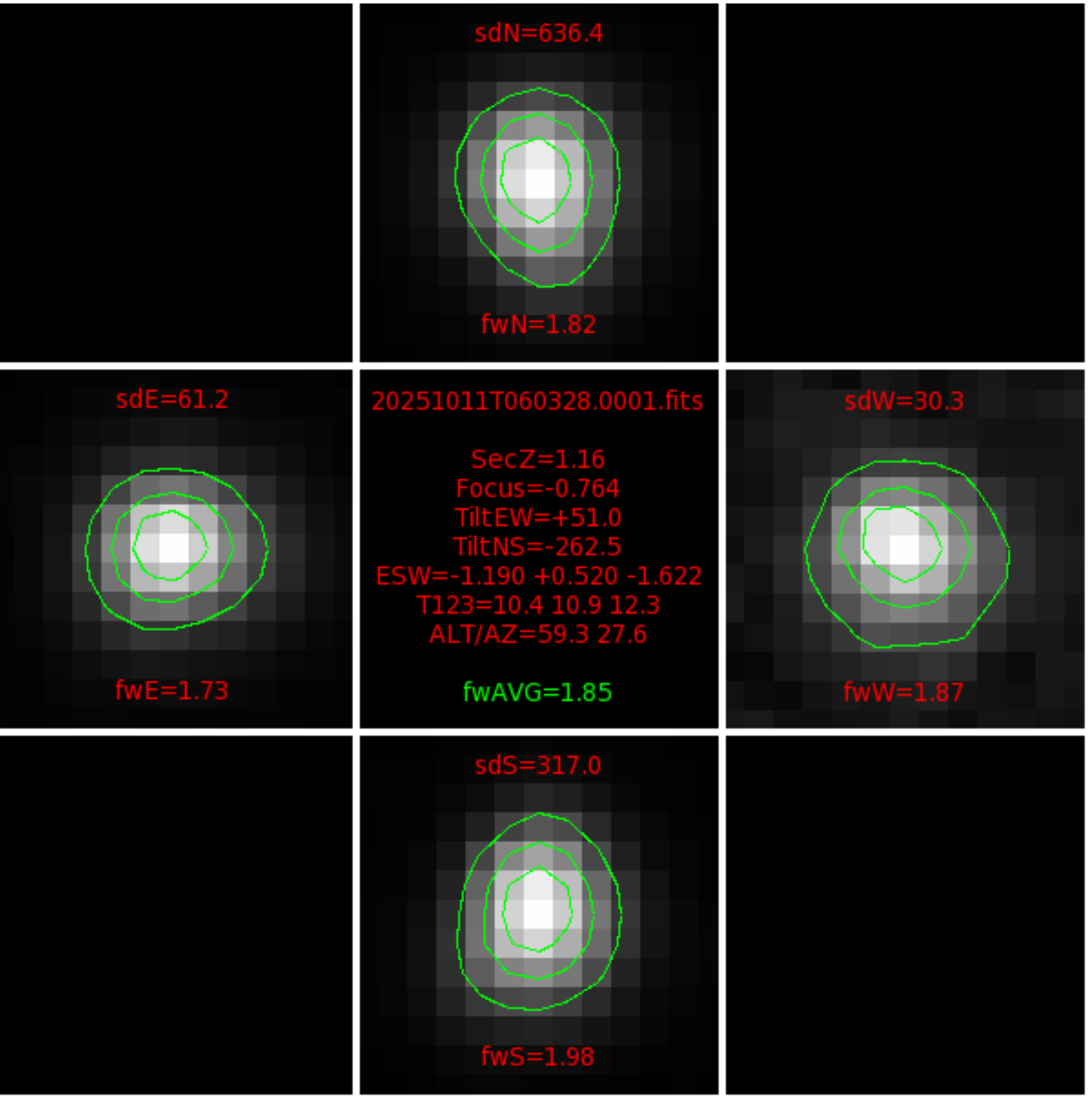
sdN=636.4
fwN=1.82
sdE=61.2
fwE=1.73
20251011T060328.0001.fits
SecZ=1.16
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.4 10.9 12.3
ALT/AZ=59.3 27.6
fwAVG=1.85
sdW=30.3
fwW=1.87
sdS=317.0
fwS=1.98
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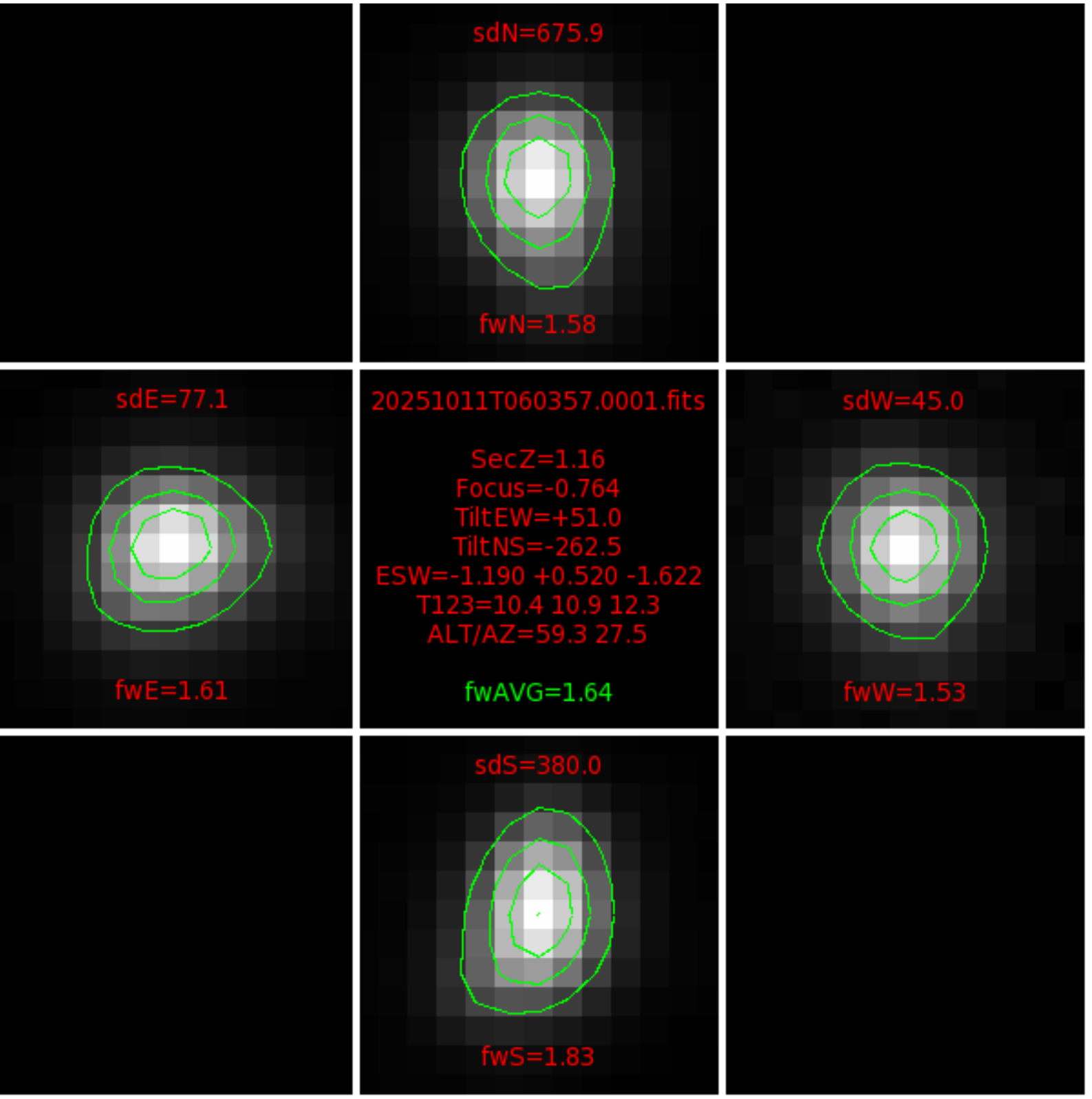
sdN=675.9
fwN=1.58
sdE=77.1
fwE=1.61
20251011T060357.0001.fits
SecZ=1.16
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.4 10.9 12.3
ALT/AZ=59.3 27.5
fwAVG=1.64
sdW=45.0
fwW=1.53
sdS=380.0
fwS=1.83
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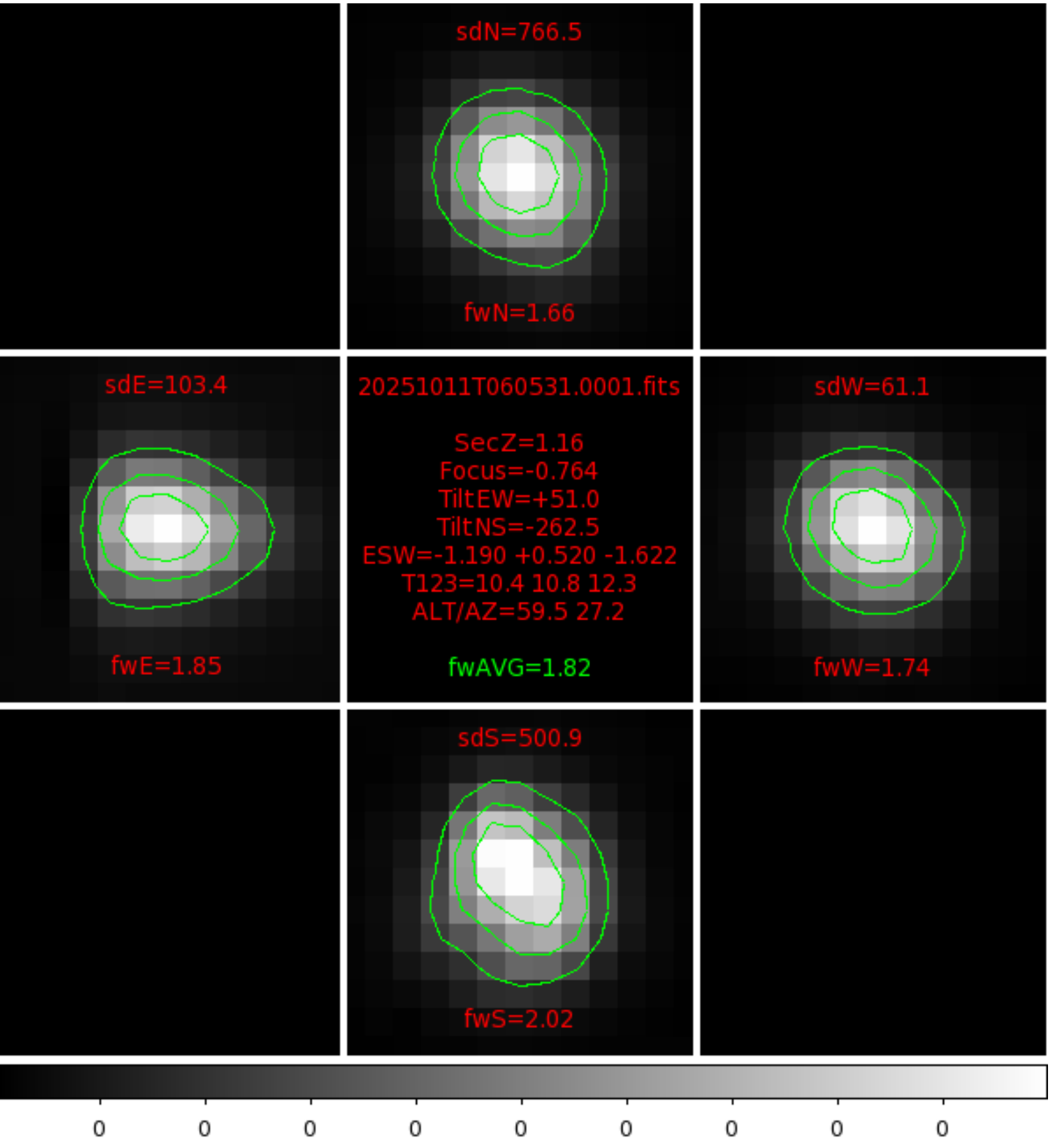
sdN=766.5
fwN=1.66
sdE=103.4
fwE=1.85
20251011T060531.0001.fits
SecZ=1.16
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.4 10.8 12.3
ALT/AZ=59.5 27.2
fwAVG=1.82
sdW=61.1
fwW=1.74
sdS=500.9
fwS=2.02
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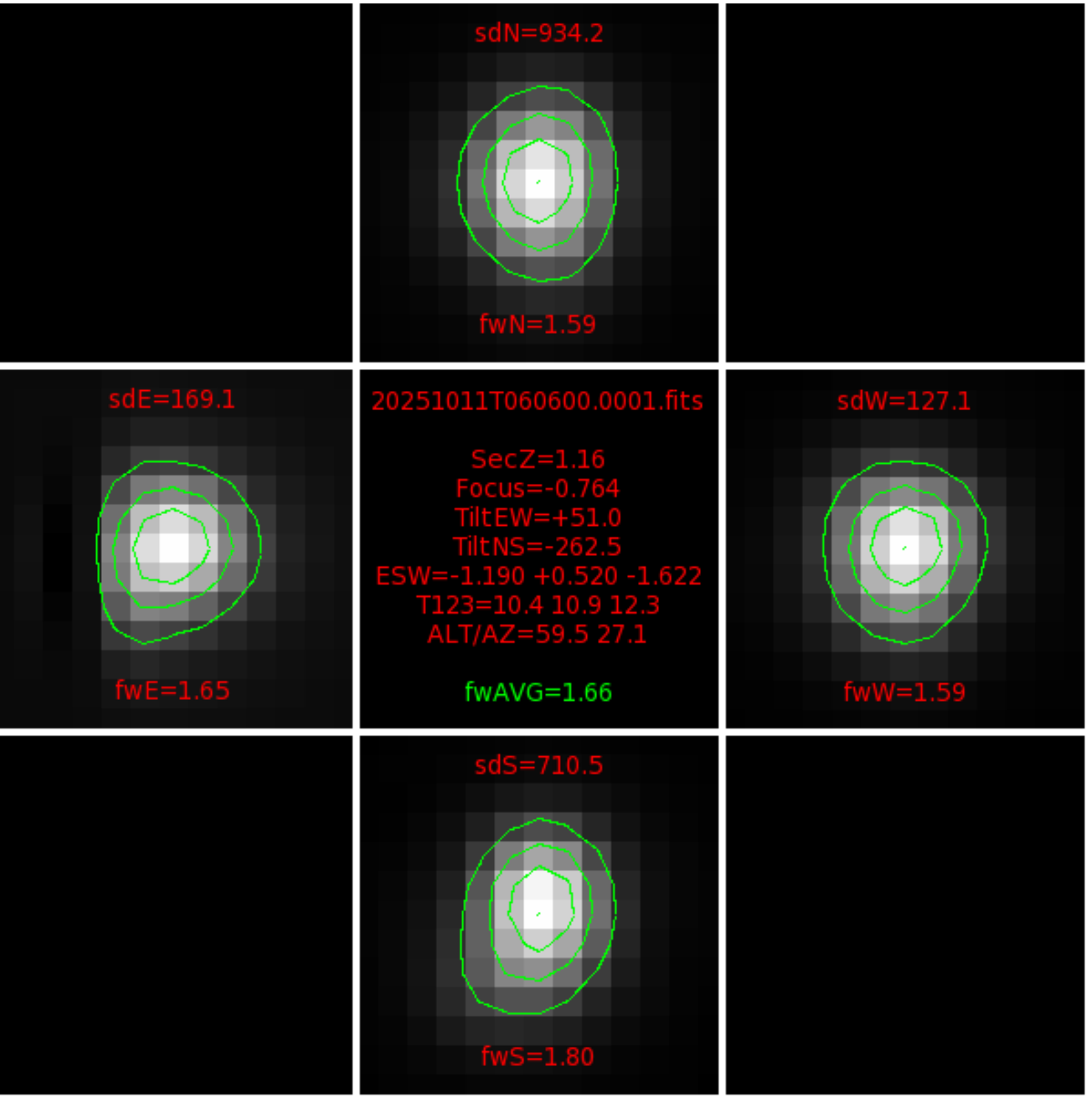
sdN=934.2
fwN=1.59
sdE=169.1
fwE=1.65
20251011T060600.0001.fits
SecZ=1.16
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.4 10.9 12.3
ALT/AZ=59.5 27.1
fwAVG=1.66
sdW=127.1
fwW=1.59
sdS=710.5
fwS=1.80
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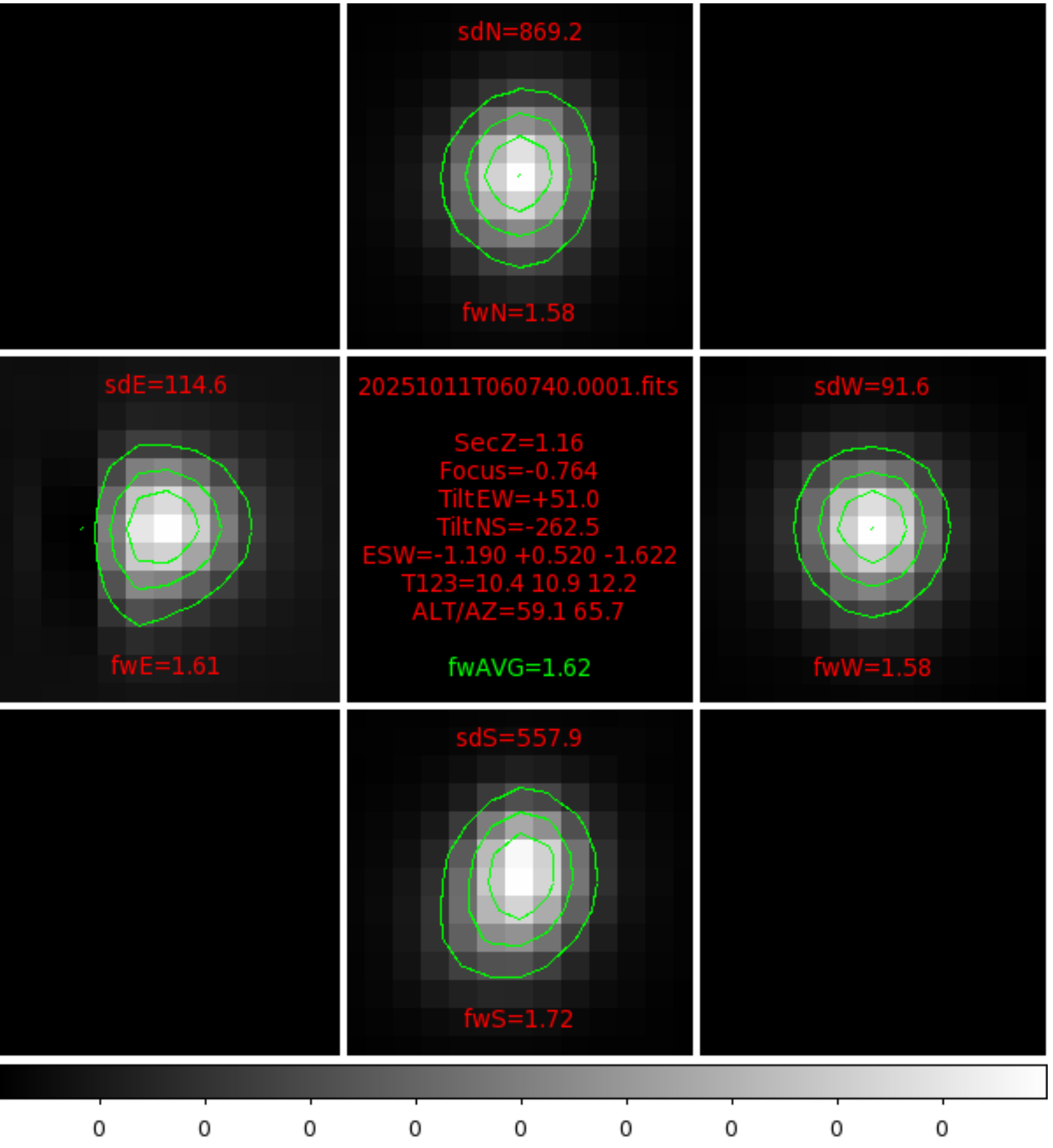
sdN=869.2
fwN=1.58
sdE=114.6
fwE=1.61
20251011T060740.0001.fits
SecZ=1.16
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=10.4 10.9 12.2
ALT/AZ=59.1 65.7
fwAVG=1.62
sdW=91.6
fwW=1.58
sdS=557.9
fwS=1.72
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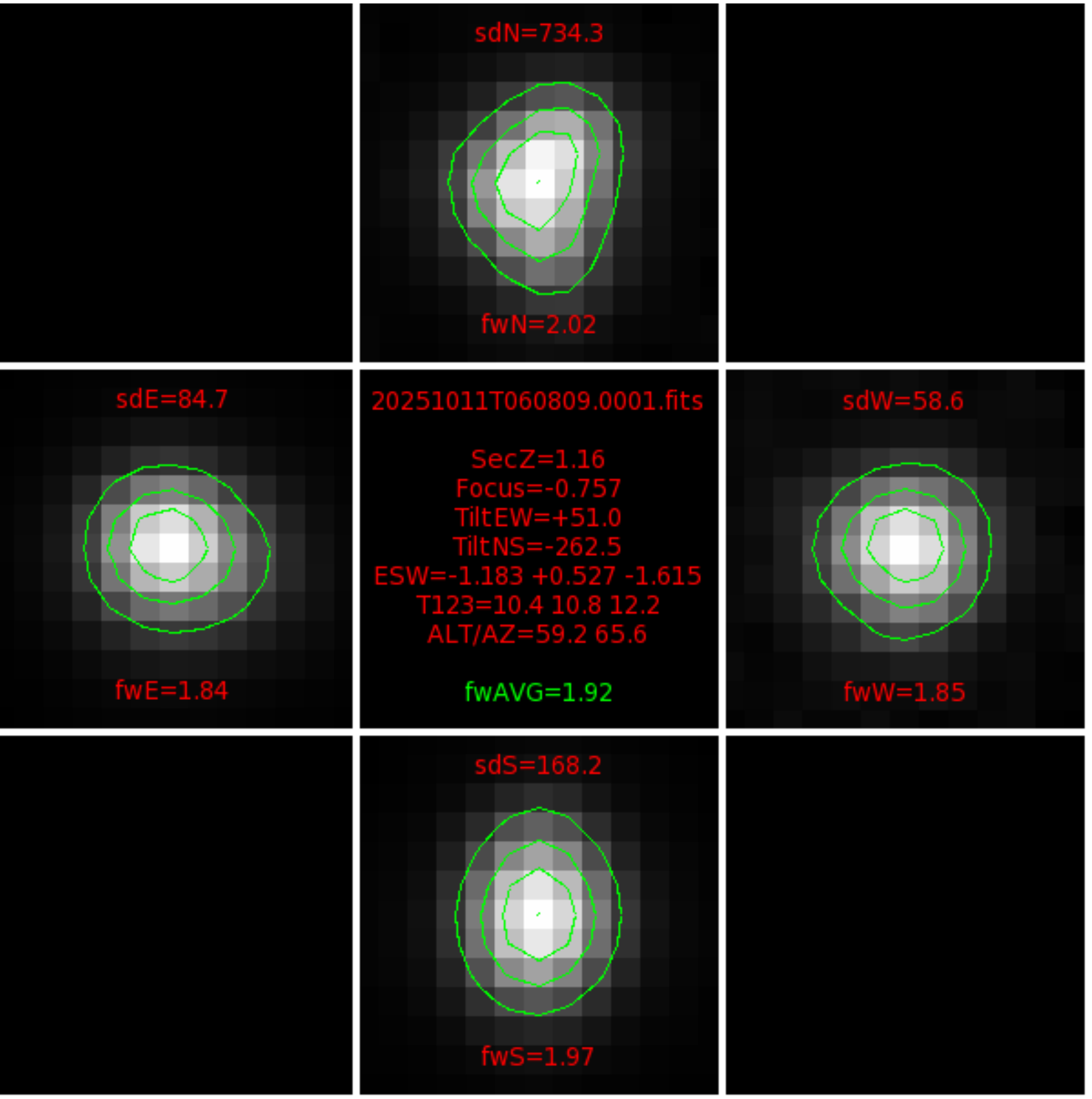
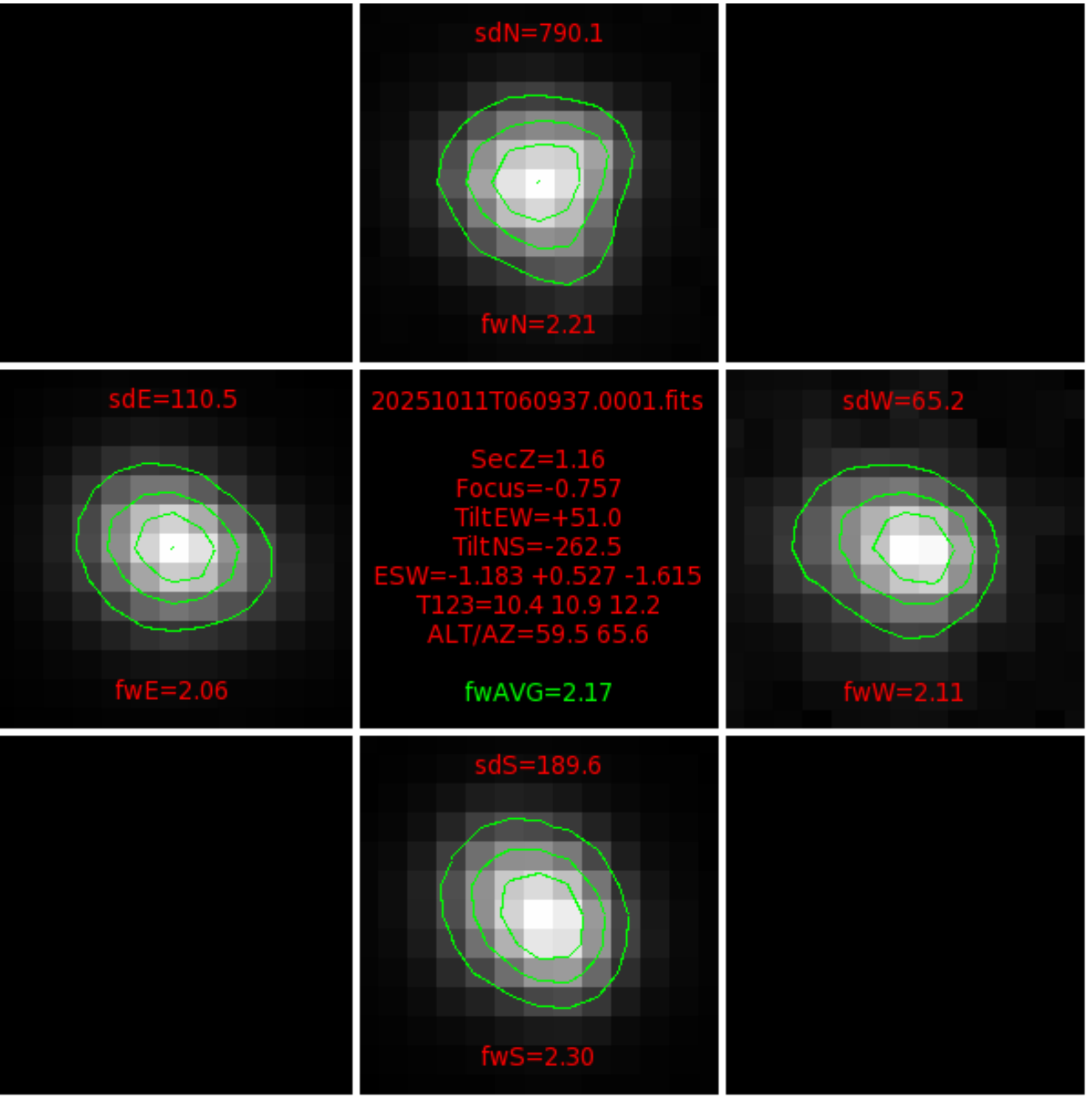
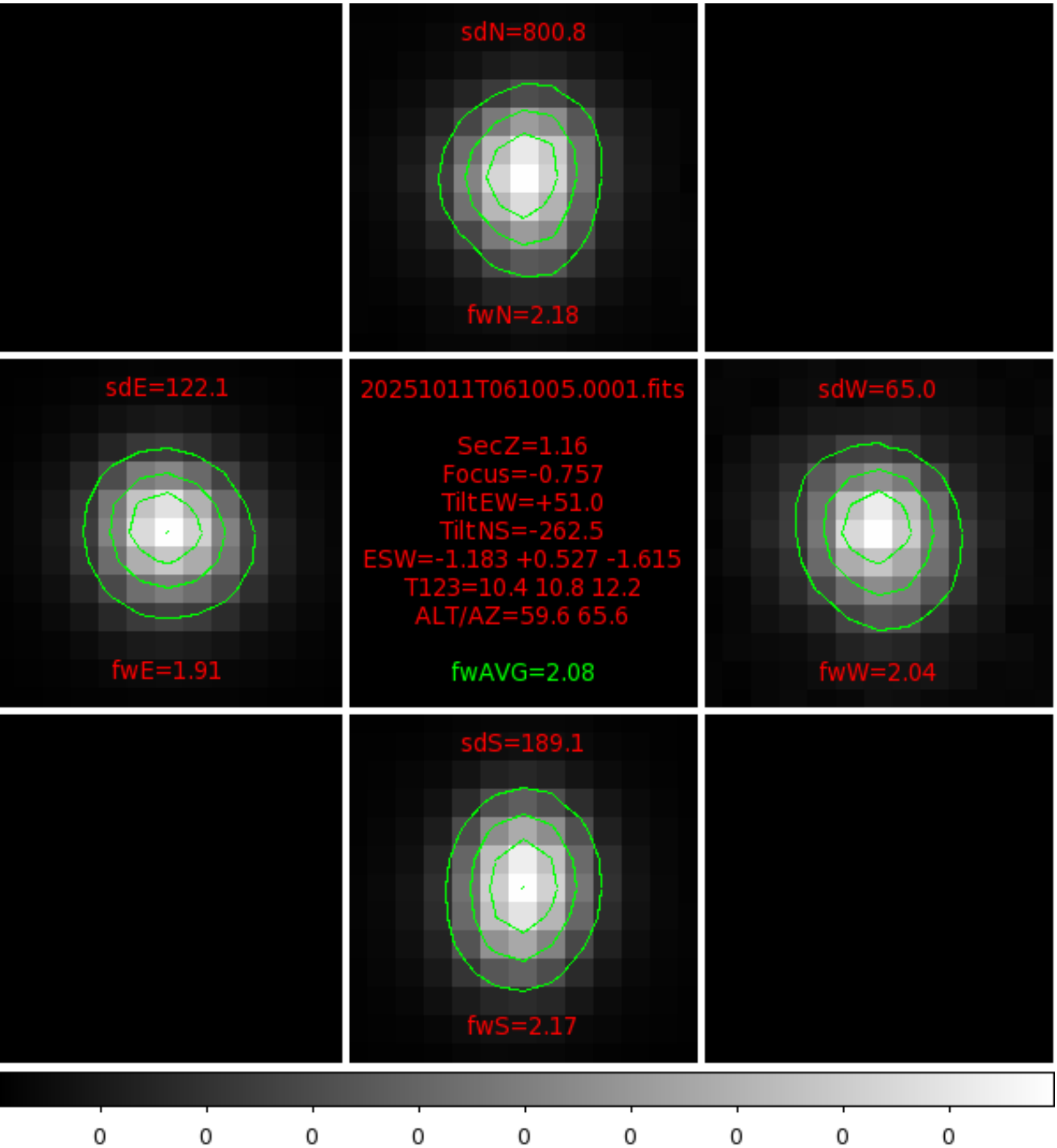
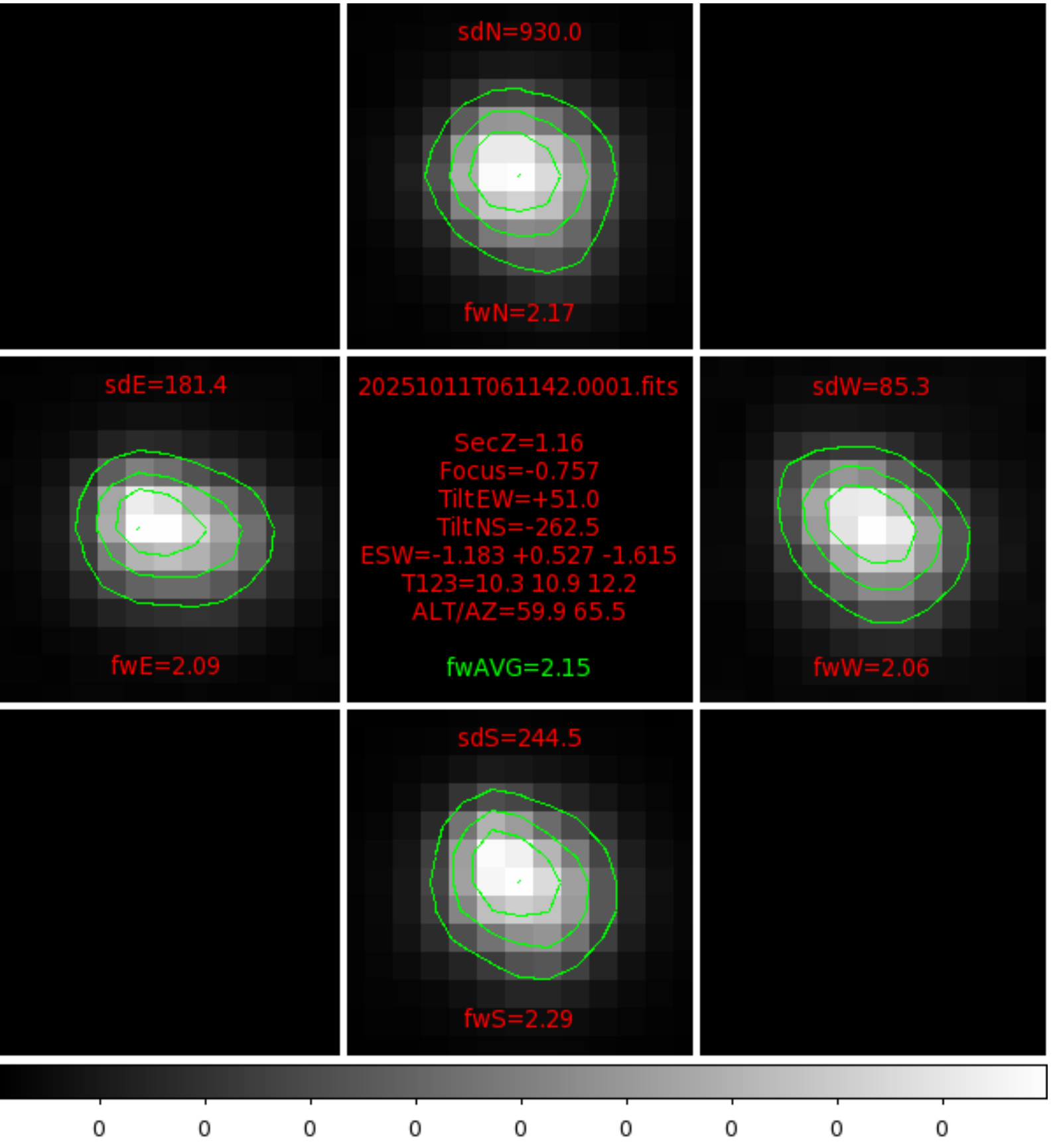

sdN=734.3
fwN=2.02
sdE=84.7
fwE=1.84
20251011T060809.0001.fits
SecZ=1.16
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.4 10.8 12.2
ALT/AZ=59.2 65.6
fwAVG=1.92
sdW=58.6
fwW=1.85
sdS=168.2
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=790.1
fwN=2.21
sdE=110.5
fwE=2.06
20251011T060937.0001.fits
SecZ=1.16
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.4 10.9 12.2
ALT/AZ=59.5 65.6
fwAVG=2.17
sdW=65.2
fwW=2.11
sdS=189.6
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=800.8
fwN=2.18
sdE=122.1
fwE=1.91
20251011T061005.0001.fits
SecZ=1.16
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.4 10.8 12.2
ALT/AZ=59.6 65.6
fwAVG=2.08
sdW=65.0
fwW=2.04
sdS=189.1
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=930.0
fwN=2.17
sdE=181.4
fwE=2.09
20251011T061142.0001.fits
SecZ=1.16
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.3 10.9 12.2
ALT/AZ=59.9 65.5
fwAVG=2.15
sdW=85.3
fwW=2.06
sdS=244.5
fwS=2.29
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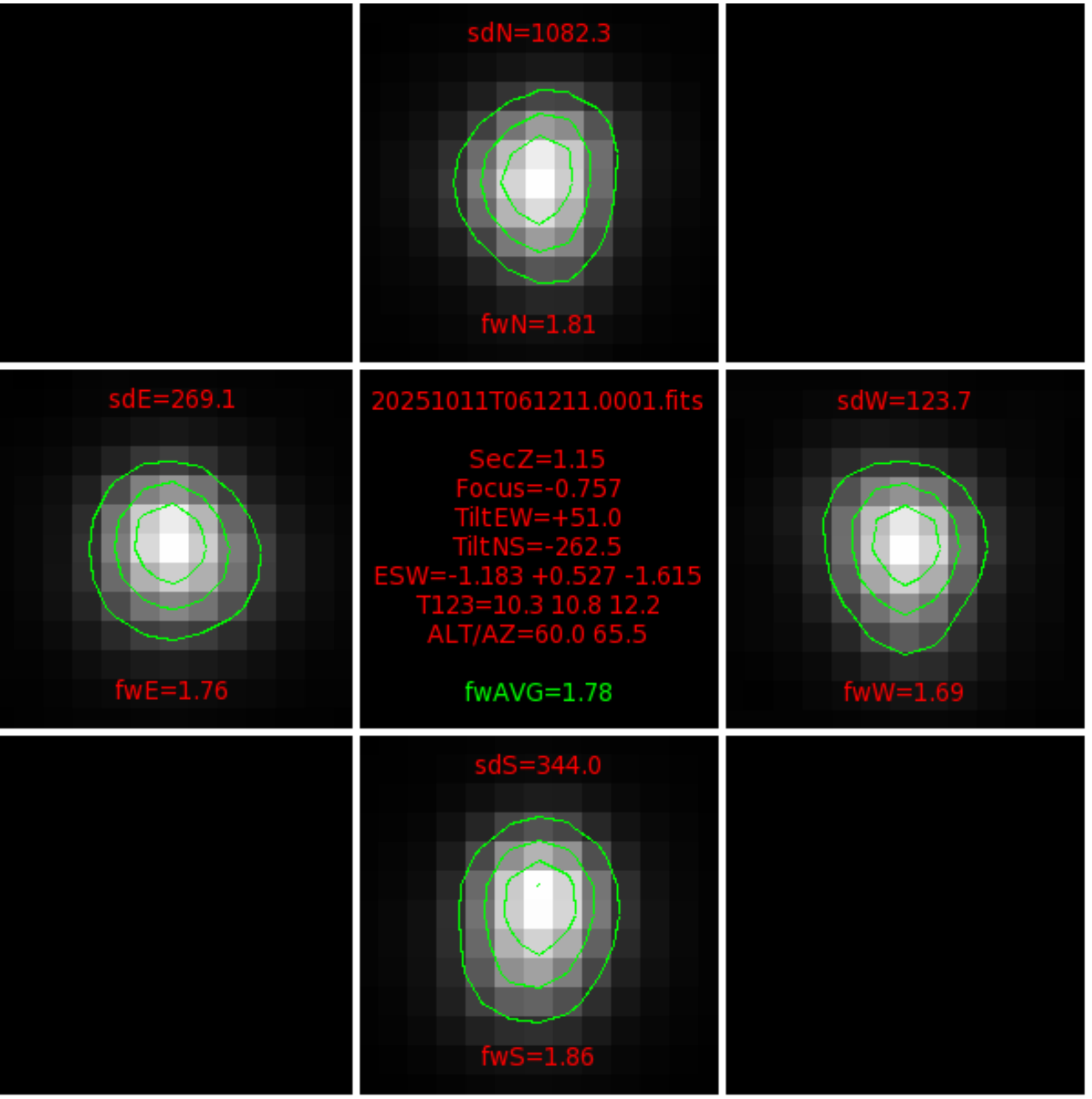
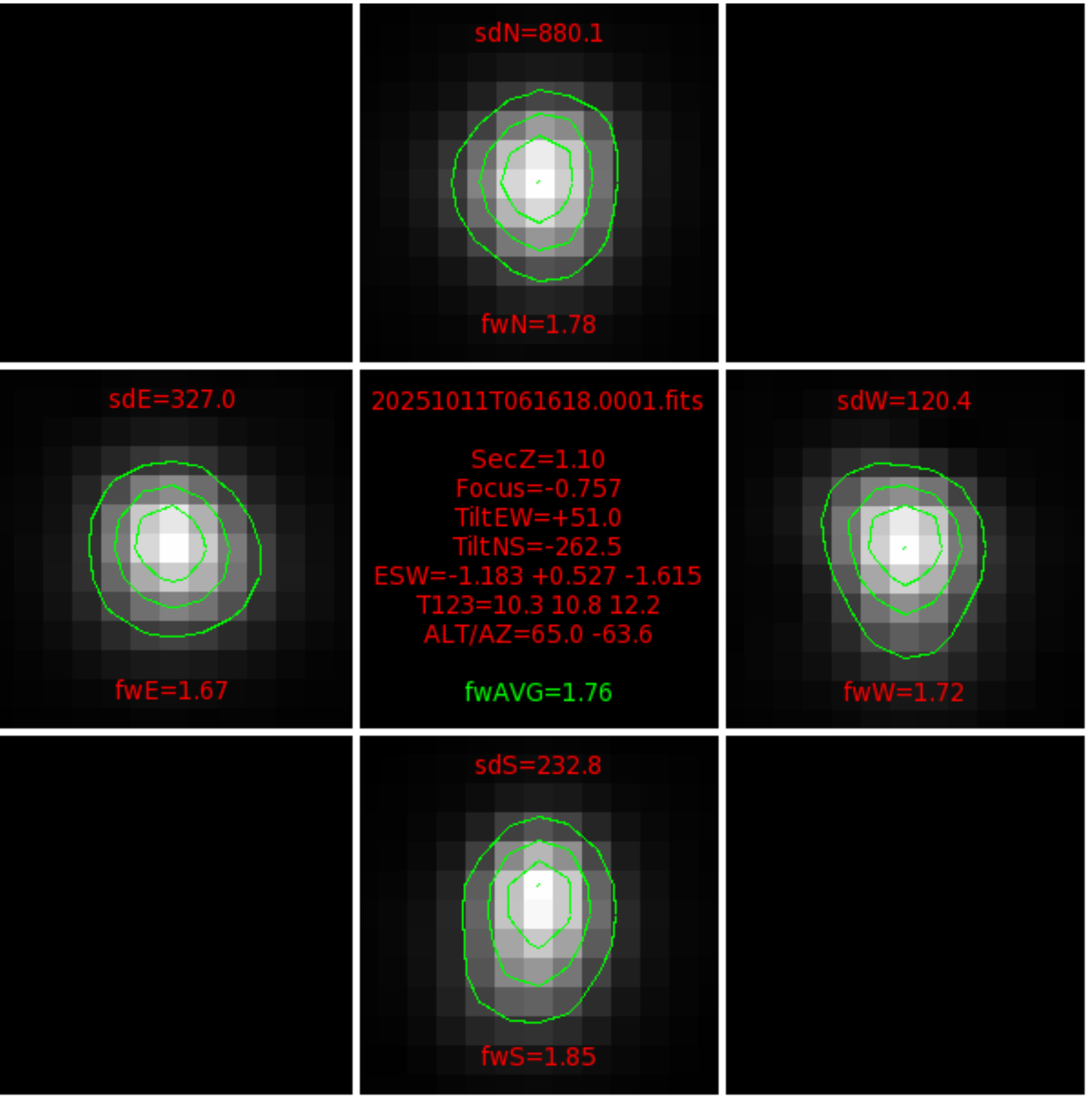

sdN=1082.3
fwN=1.81
sdE=269.1
fwE=1.76
20251011T061211.0001.fits
SecZ=1.15
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.3 10.8 12.2
ALT/AZ=60.0 65.5
fwAVG=1.78
sdW=123.7
fwW=1.69
sdS=344.0
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=880.1
fwN=1.78
sdE=327.0
fwE=1.67
20251011T061618.0001.fits
SecZ=1.10
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.3 10.8 12.2
ALT/AZ=65.0 -63.6
fwAVG=1.76
sdW=120.4
fwW=1.72
sdS=232.8
fwS=1.85
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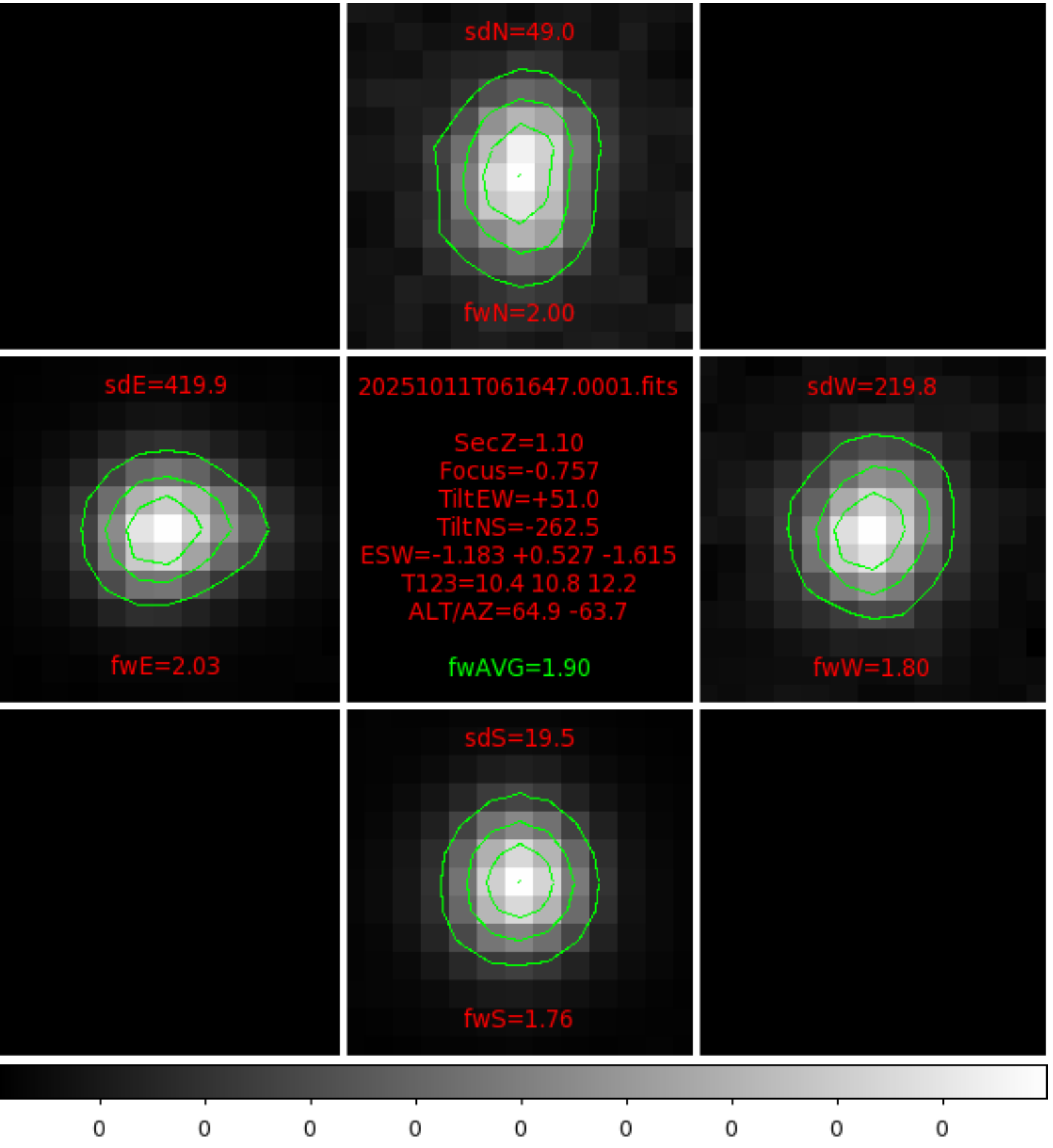
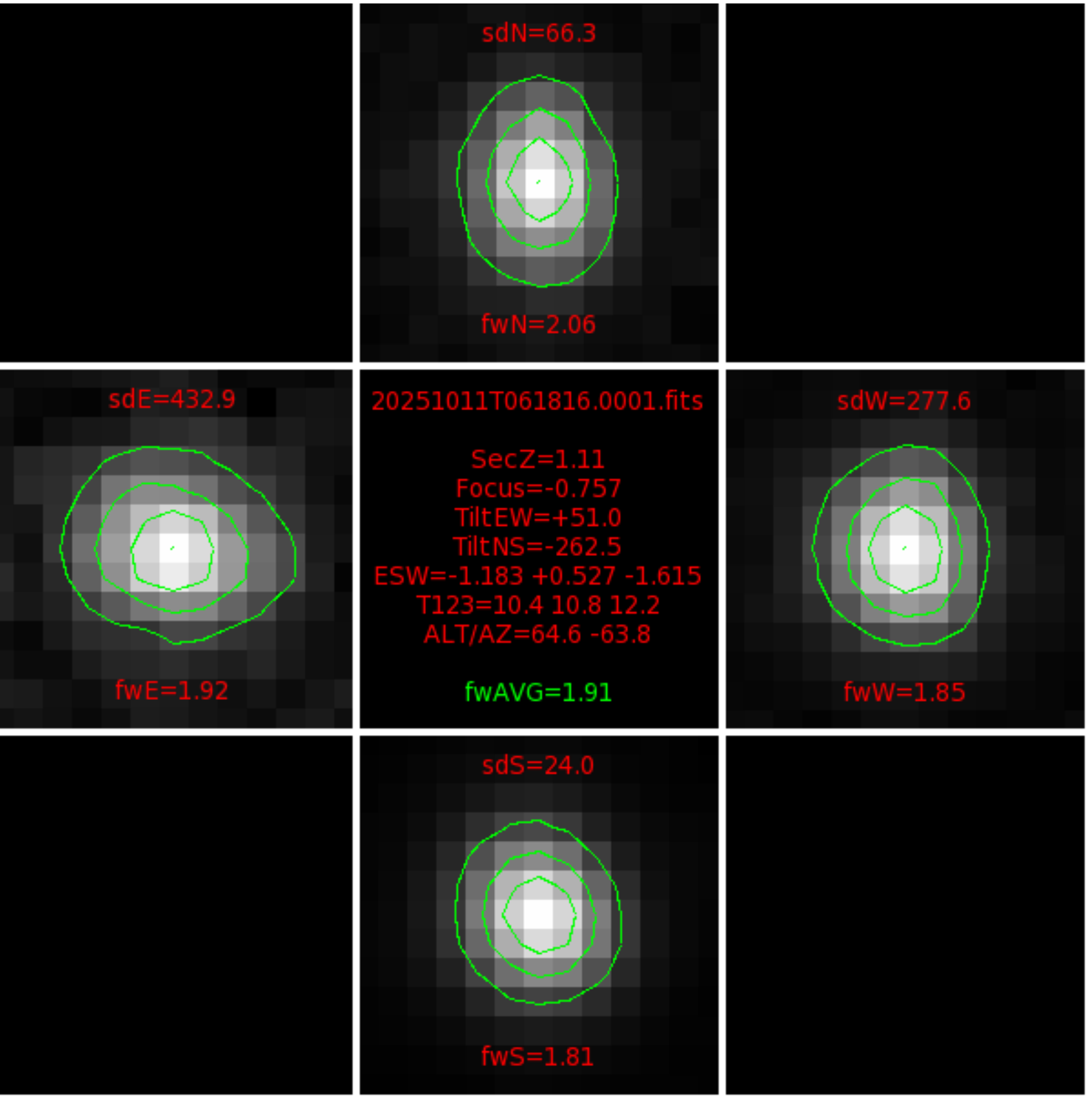
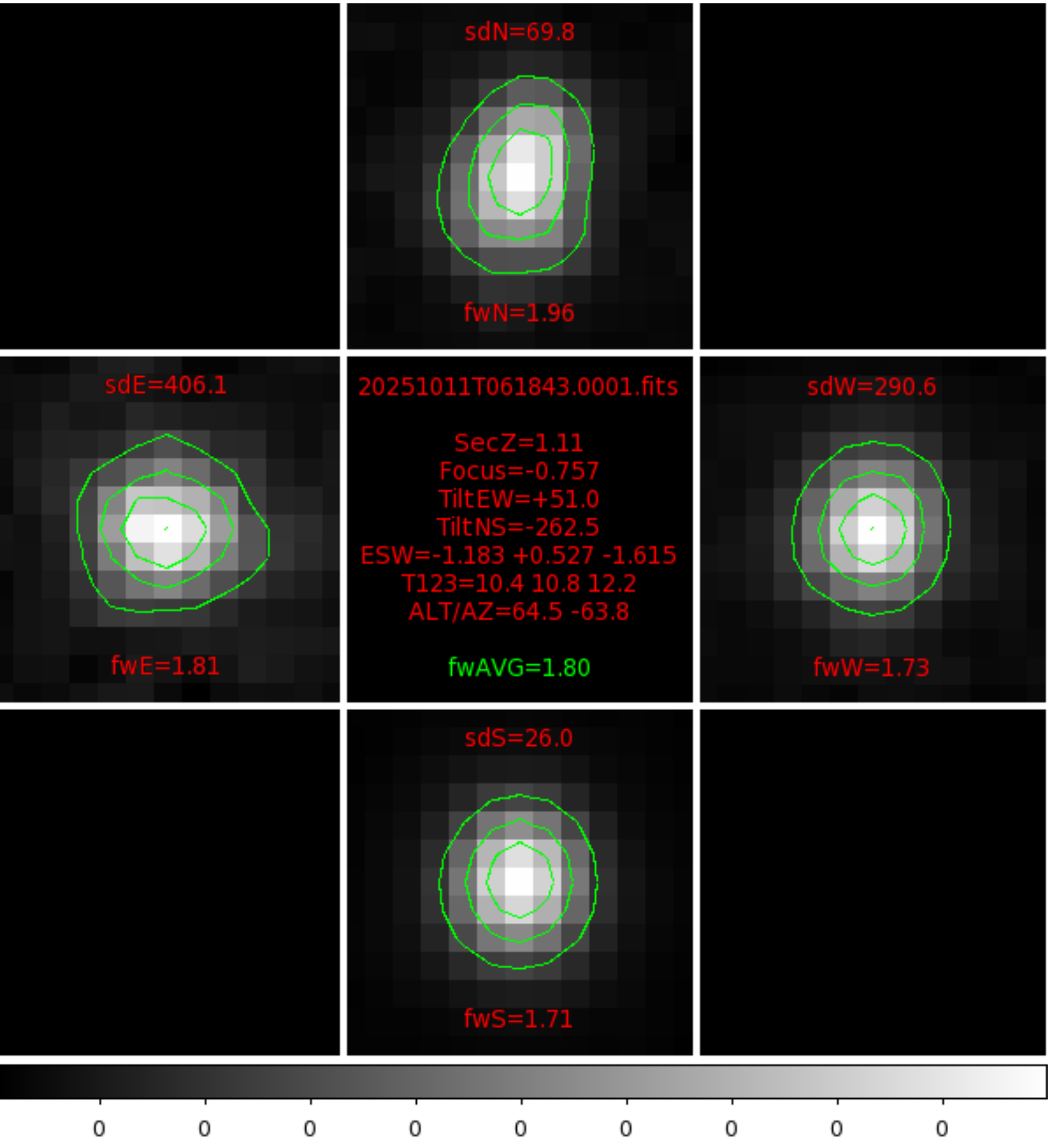
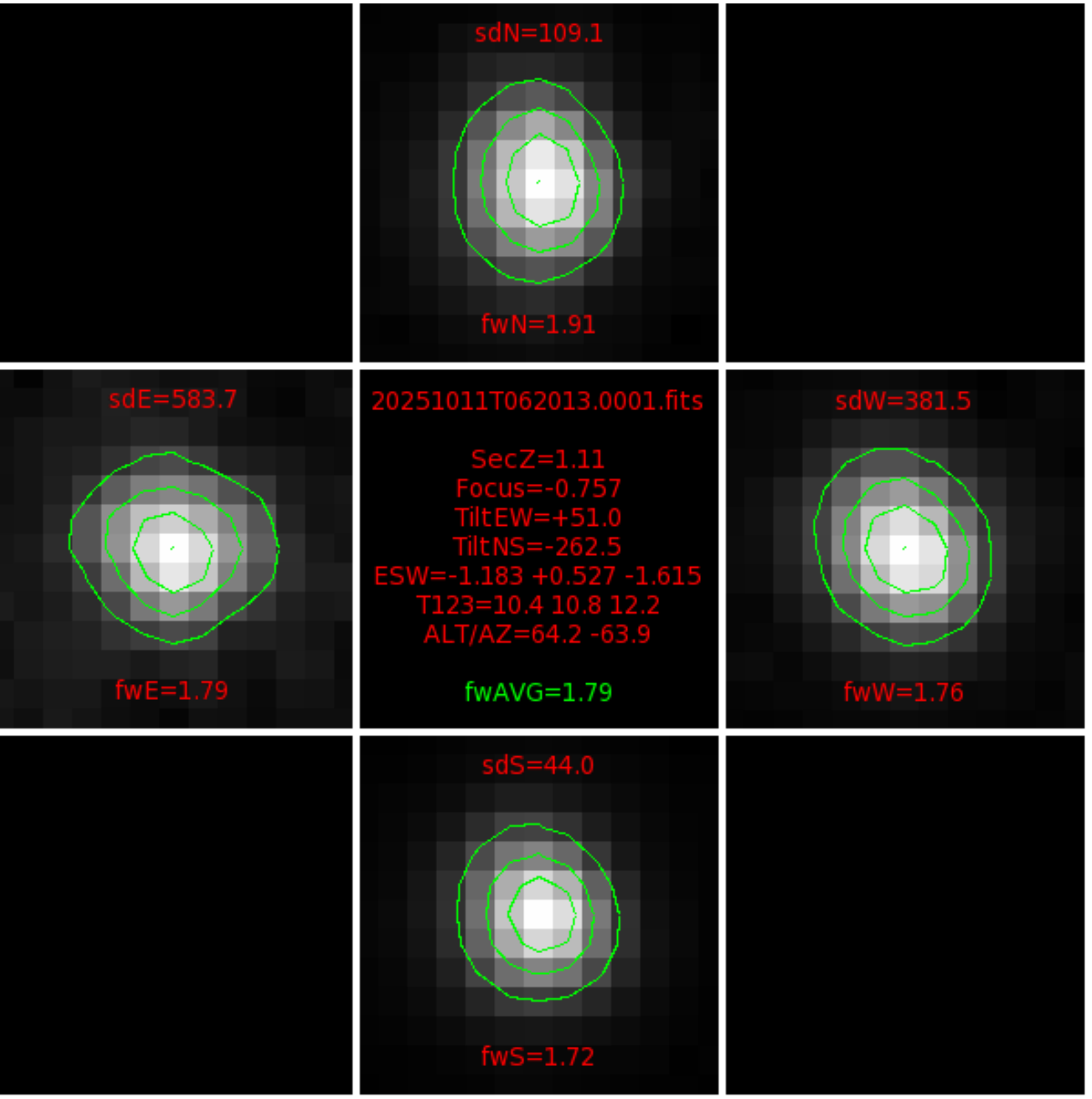
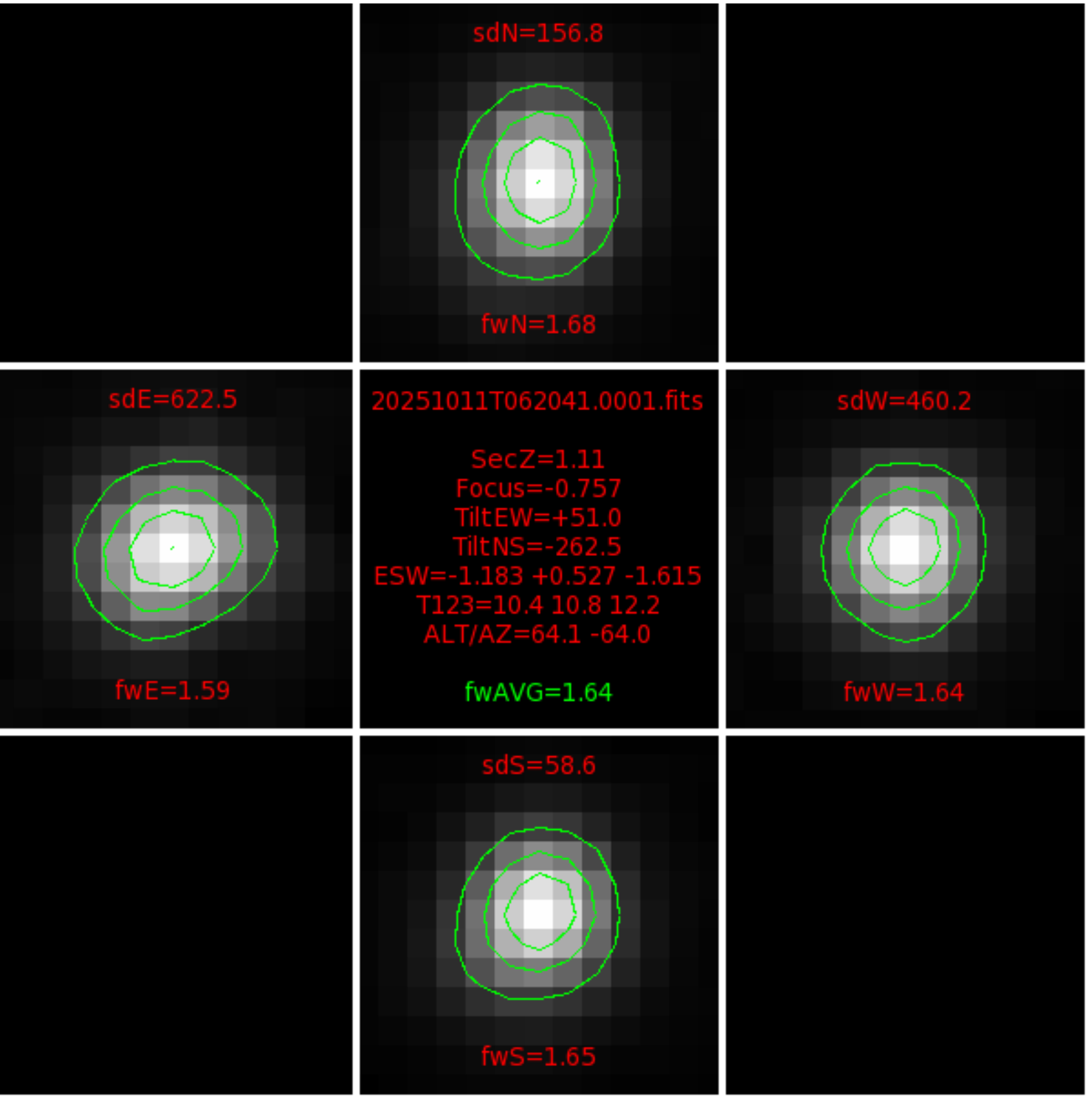

sdN=49.0
fwN=2.00
sdE=419.9
fwE=2.03
20251011T061647.0001.fits
SecZ=1.10
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.4 10.8 12.2
ALT/AZ=64.9 -63.7
fwAVG=1.90
sdW=219.8
fwW=1.80
sdS=19.5
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=66.3
fwN=2.06
sdE=432.9
fwE=1.92
20251011T061816.0001.fits
SecZ=1.11
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.4 10.8 12.2
ALT/AZ=64.6 -63.8
fwAVG=1.91
sdW=277.6
fwW=1.85
sdS=24.0
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=69.8
fwN=1.96
sdE=406.1
fwE=1.81
20251011T061843.0001.fits
SecZ=1.11
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.4 10.8 12.2
ALT/AZ=64.5 -63.8
fwAVG=1.80
sdW=290.6
fwW=1.73
sdS=26.0
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=109.1
fwN=1.91
sdE=583.7
fwE=1.79
20251011T062013.0001.fits
SecZ=1.11
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.4 10.8 12.2
ALT/AZ=64.2 -63.9
fwAVG=1.79
sdW=381.5
fwW=1.76
sdS=44.0
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=156.8
fwN=1.68
sdE=622.5
fwE=1.59
20251011T062041.0001.fits
SecZ=1.11
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.4 10.8 12.2
ALT/AZ=64.1 -64.0
fwAVG=1.64
sdW=460.2
fwW=1.64
sdS=58.6
fwS=1.65
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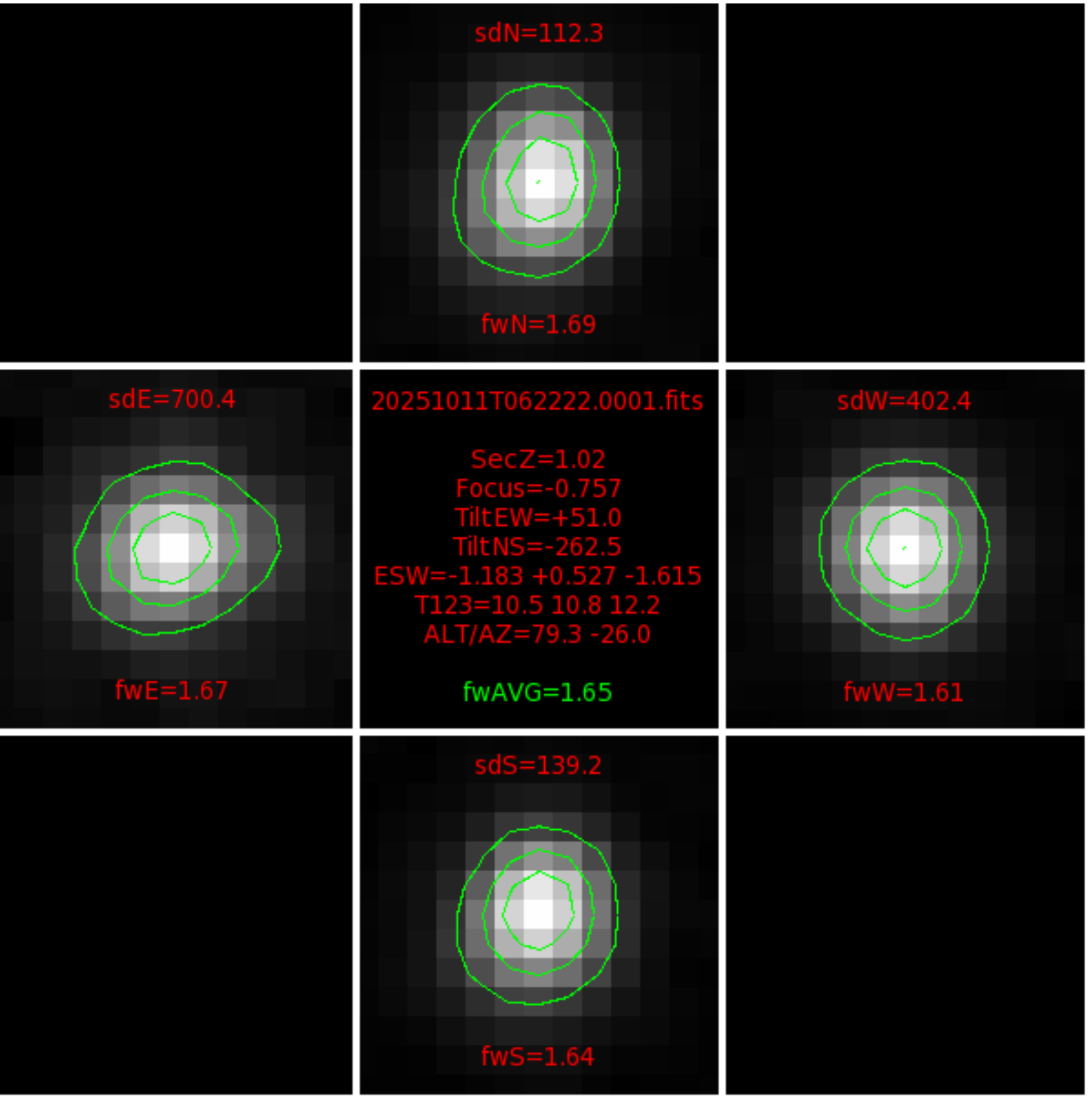
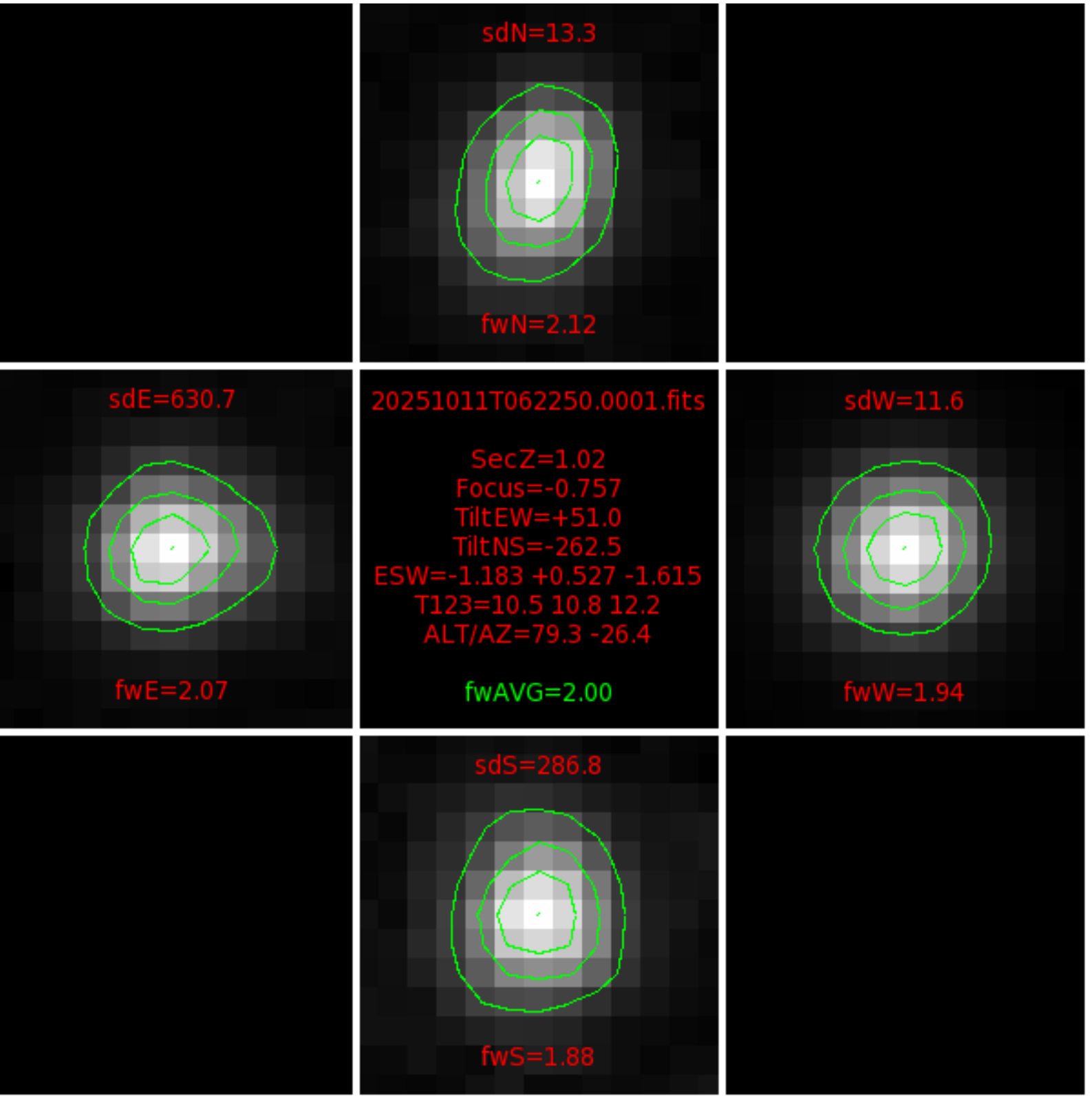

sdN=112.3
fwN=1.69
sdE=700.4
fwE=1.67
20251011T062222.0001.fits
SecZ=1.02
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.5 10.8 12.2
ALT/AZ=79.3 -26.0
fwAVG=1.65
sdW=402.4
fwW=1.61
sdS=139.2
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=13.3
fwN=2.12
sdE=630.7
fwE=2.07
20251011T062250.0001.fits
SecZ=1.02
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.5 10.8 12.2
ALT/AZ=79.3 -26.4
fwAVG=2.00
sdW=11.6
fwW=1.94
sdS=286.8
fwS=1.88
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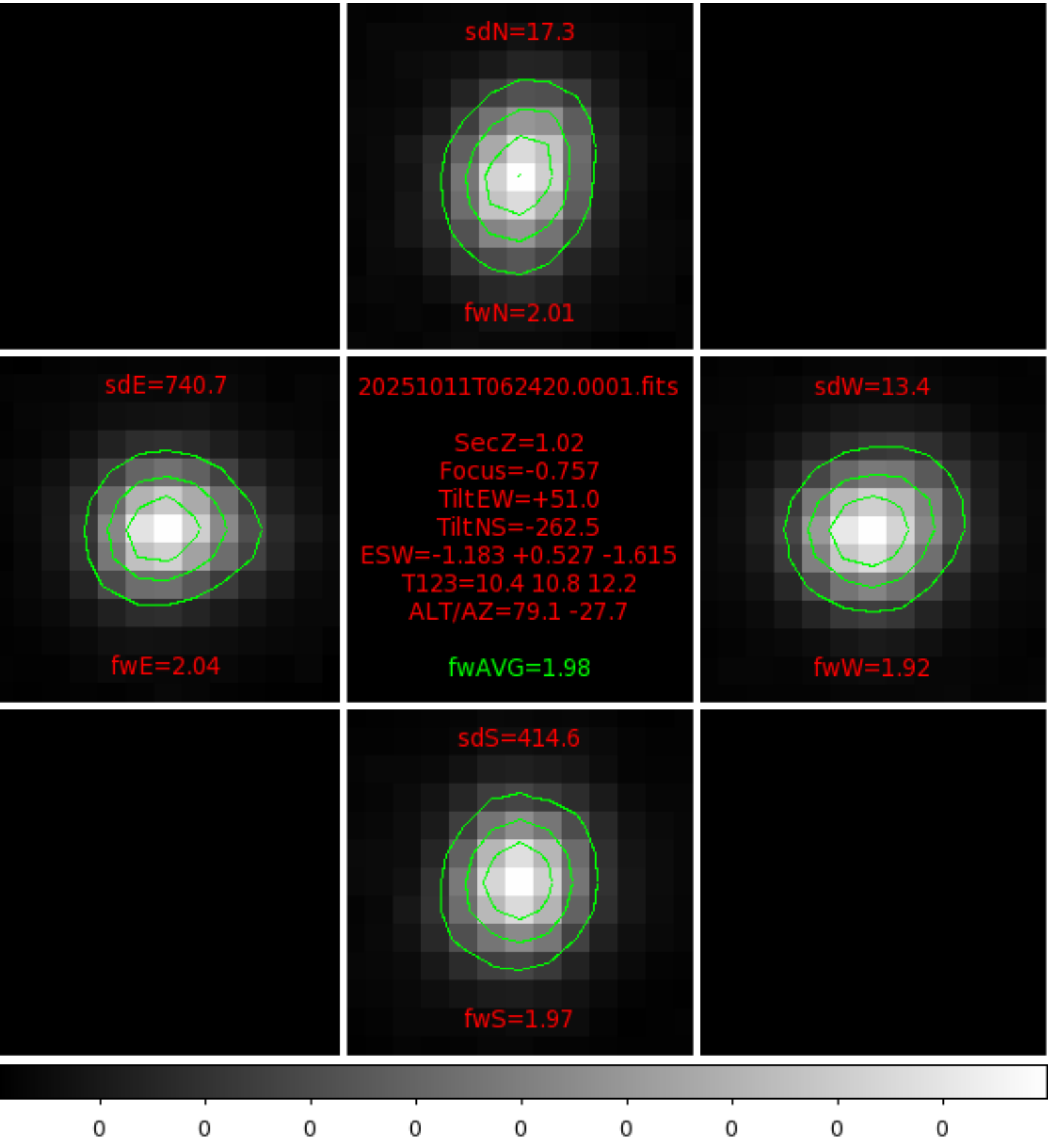
sdN=17.3
fwN=2.01
sdE=740.7
fwE=2.04
20251011T062420.0001.fits
SecZ=1.02
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.4 10.8 12.2
ALT/AZ=79.1 -27.7
fwAVG=1.98
sdW=13.4
fwW=1.92
sdS=414.6
fwS=1.97
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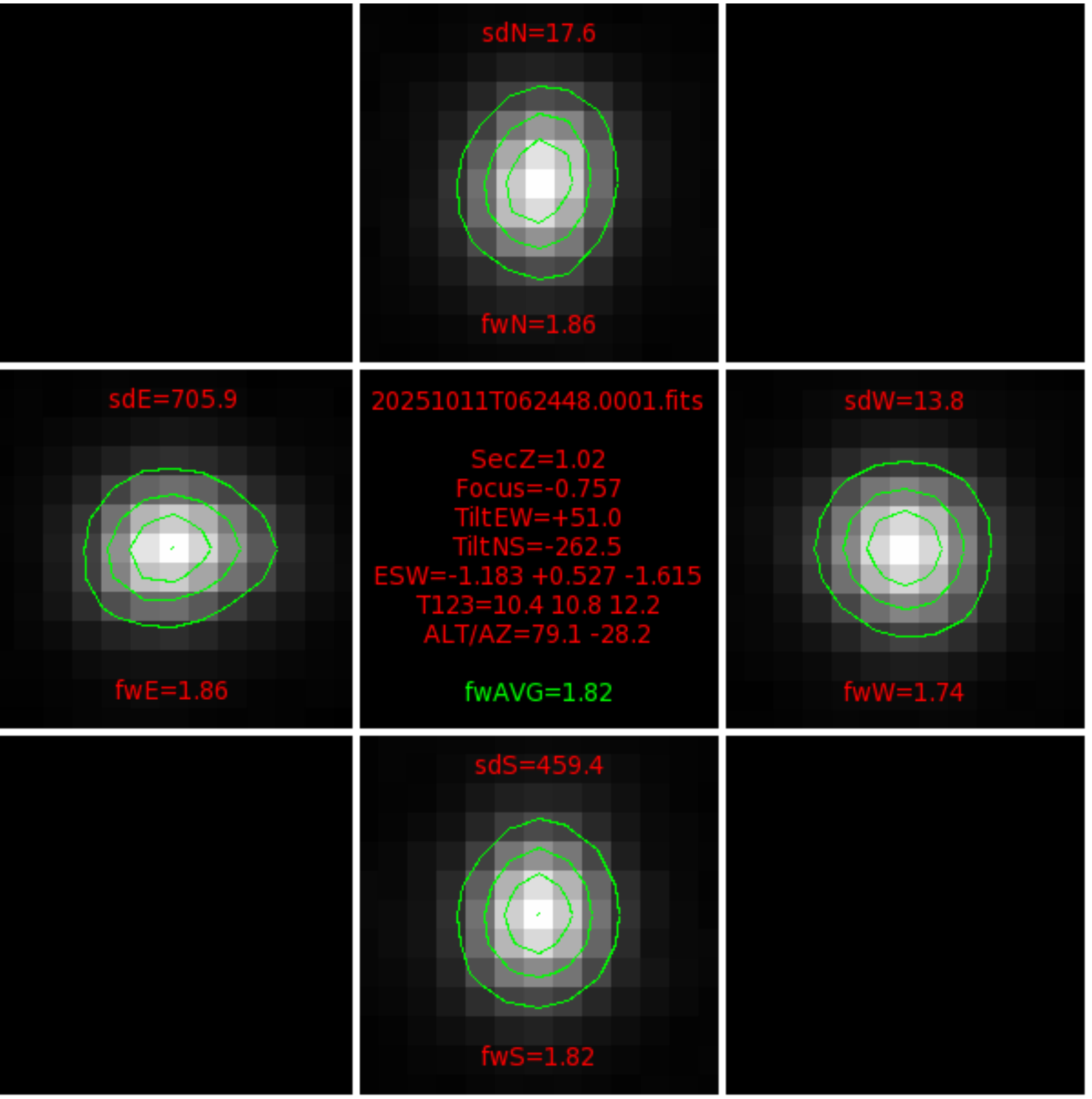
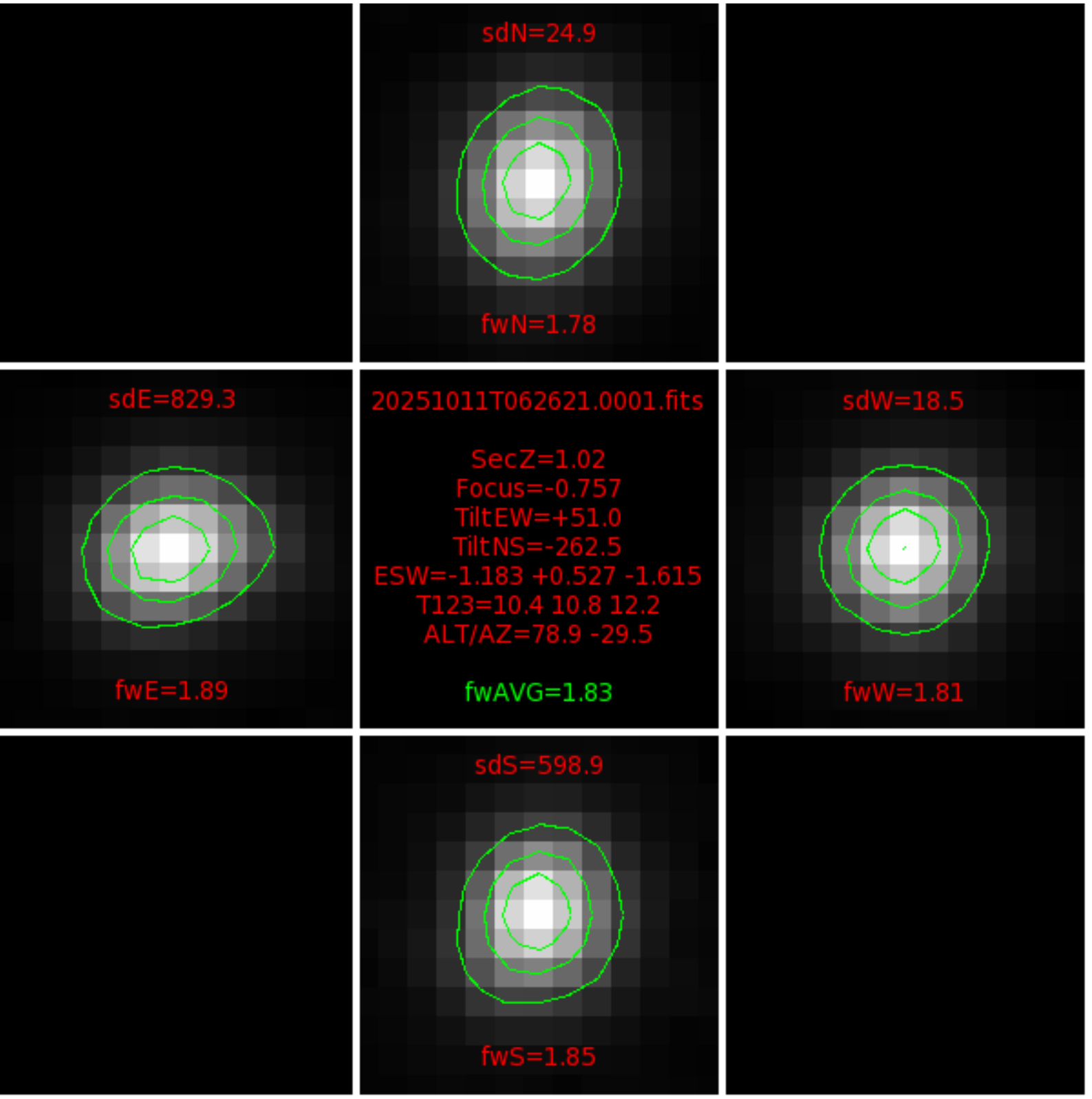

sdN=17.6
fwN=1.86
sdE=705.9
fwE=1.86
20251011T062448.0001.fits
SecZ=1.02
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.4 10.8 12.2
ALT/AZ=79.1 -28.2
fwAVG=1.82
sdW=13.8
fwW=1.74
sdS=459.4
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=24.9
fwN=1.78
sdE=829.3
fwE=1.89
20251011T062621.0001.fits
SecZ=1.02
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.4 10.8 12.2
ALT/AZ=78.9 -29.5
fwAVG=1.83
sdW=18.5
fwW=1.81
sdS=598.9
fwS=1.85
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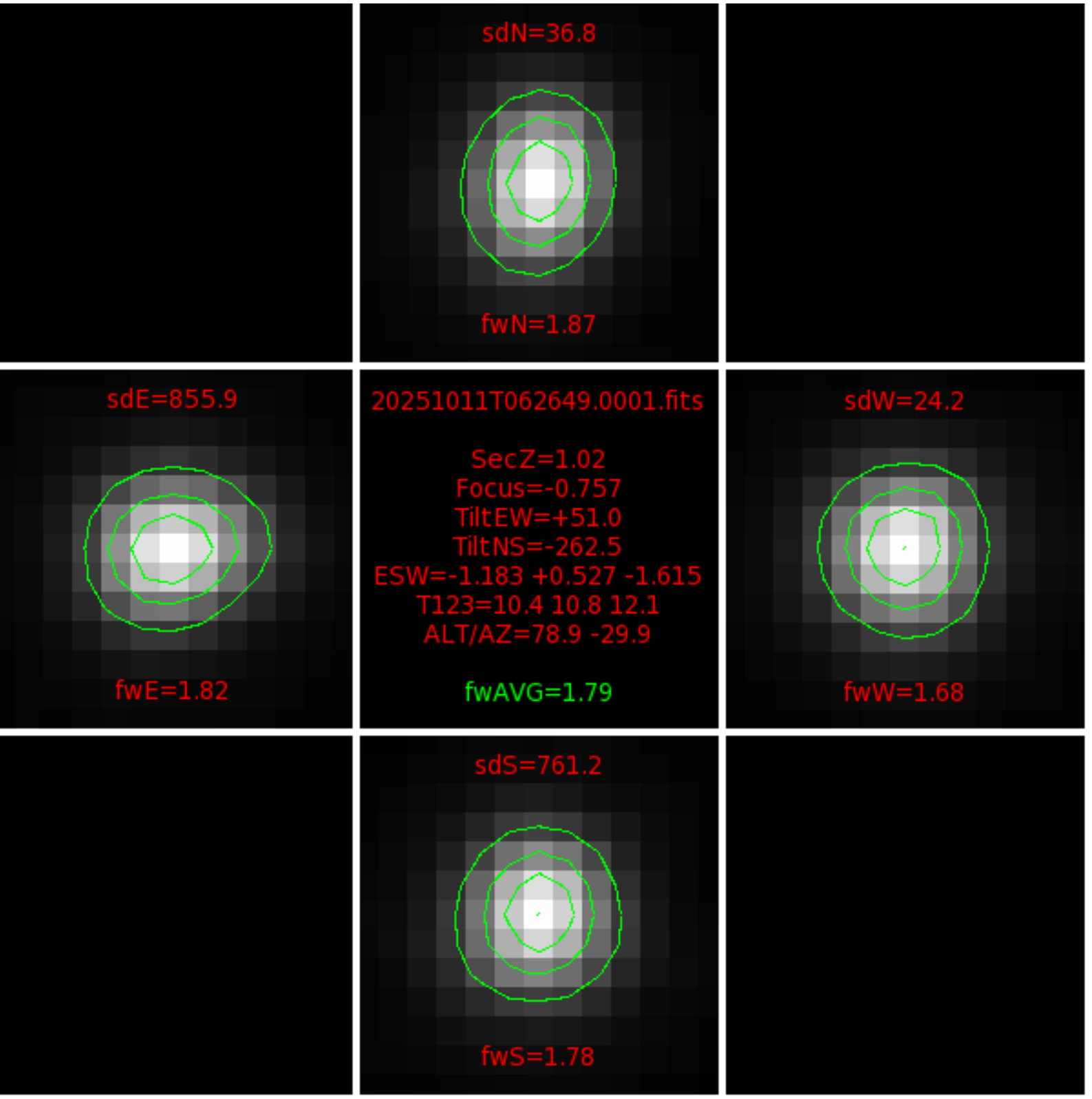
sdN=36.8
fwN=1.87
sdE=855.9
fwE=1.82
20251011T062649.0001.fits
SecZ=1.02
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.4 10.8 12.1
ALT/AZ=78.9 -29.9
fwAVG=1.79
sdW=24.2
fwW=1.68
sdS=761.2
fwS=1.78
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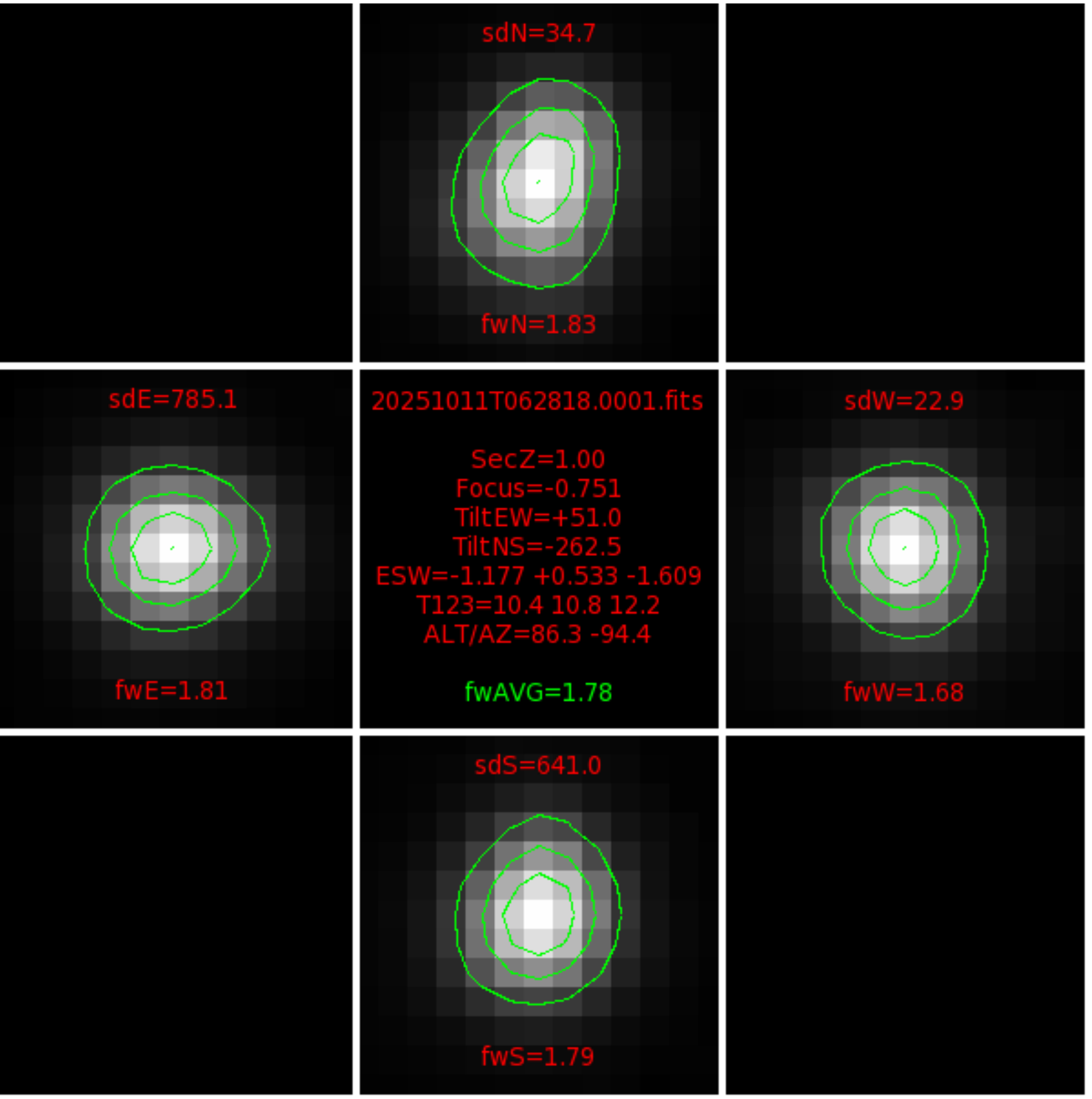
sdN=34.7
fwN=1.83
sdE=785.1
fwE=1.81
20251011T062818.0001.fits
SecZ=1.00
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.4 10.8 12.2
ALT/AZ=86.3 -94.4
fwAVG=1.78
sdW=22.9
fwW=1.68
sdS=641.0
fwS=1.79
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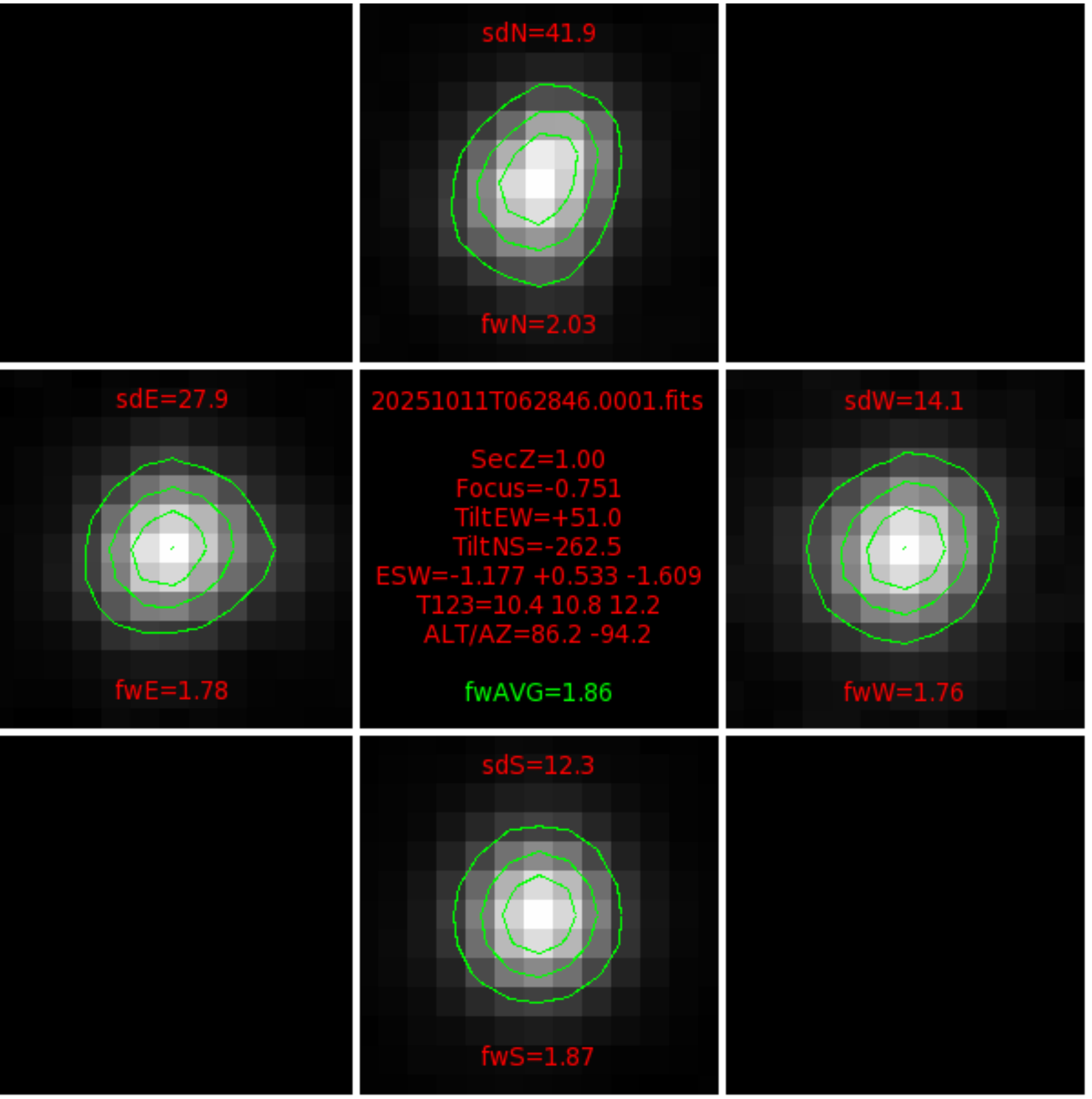
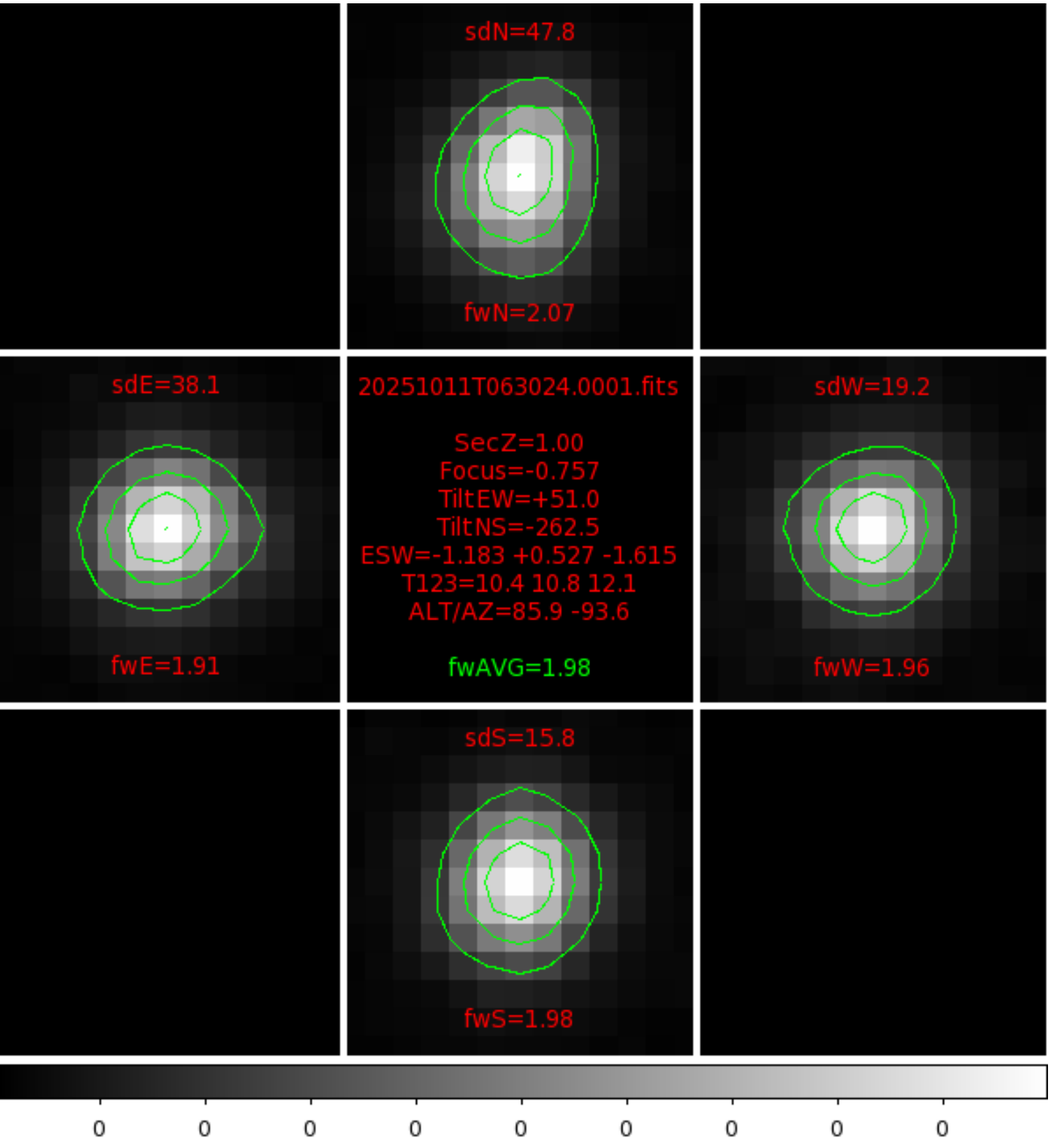

sdN=41.9
fwN=2.03
sdE=27.9
fwE=1.78
20251011T062846.0001.fits
SecZ=1.00
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.4 10.8 12.2
ALT/AZ=86.2 -94.2
fwAVG=1.86
sdW=14.1
fwW=1.76
sdS=12.3
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=47.8
fwN=2.07
sdE=38.1
fwE=1.91
20251011T063024.0001.fits
SecZ=1.00
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.4 10.8 12.1
ALT/AZ=85.9 -93.6
fwAVG=1.98
sdW=19.2
fwW=1.96
sdS=15.8
fwS=1.98
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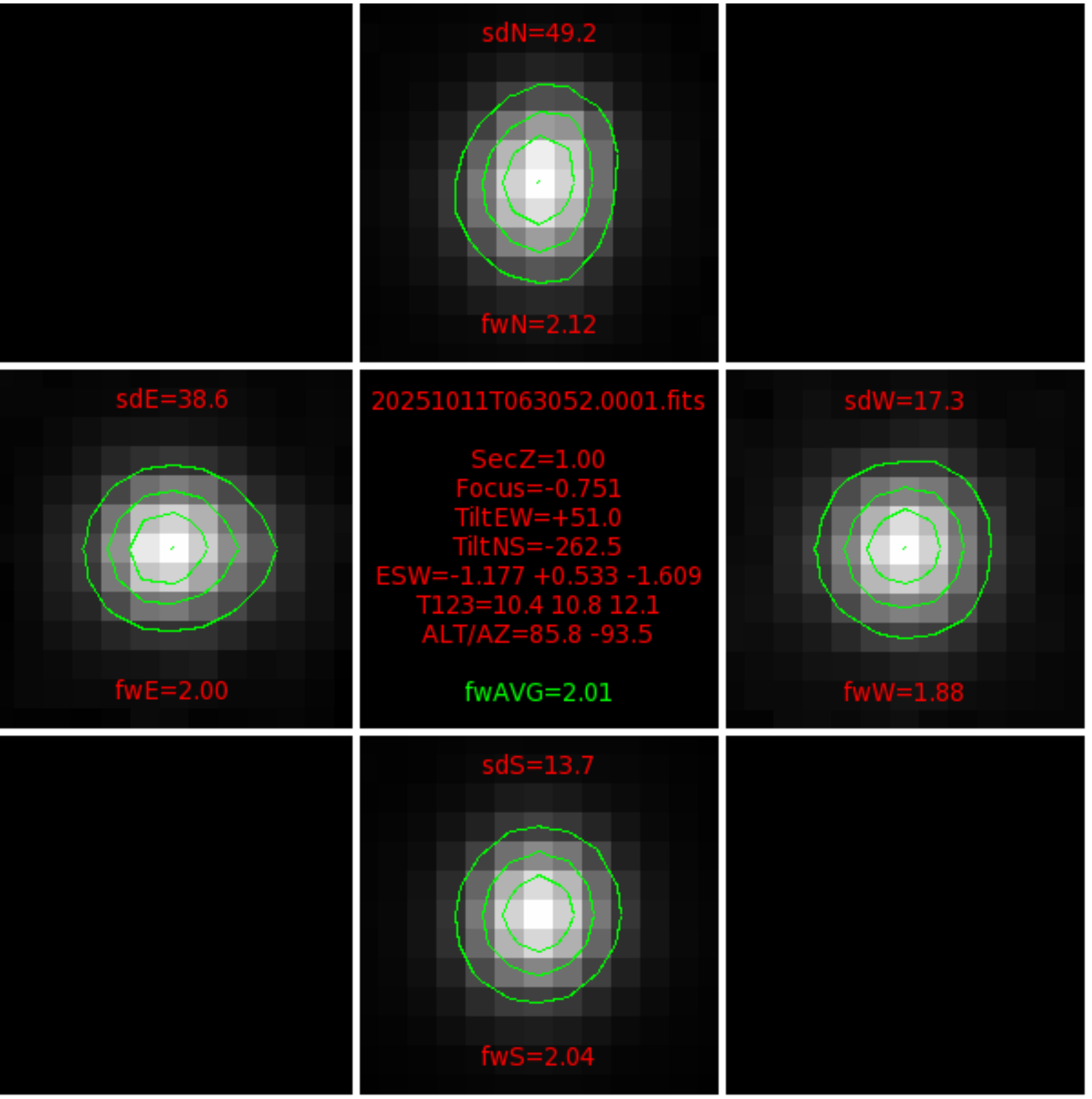
sdN=49.2
fwN=2.12
sdE=38.6
fwE=2.00
20251011T063052.0001.fits
SecZ=1.00
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.4 10.8 12.1
ALT/AZ=85.8 -93.5
fwAVG=2.01
sdW=17.3
fwW=1.88
sdS=13.7
fwS=2.04
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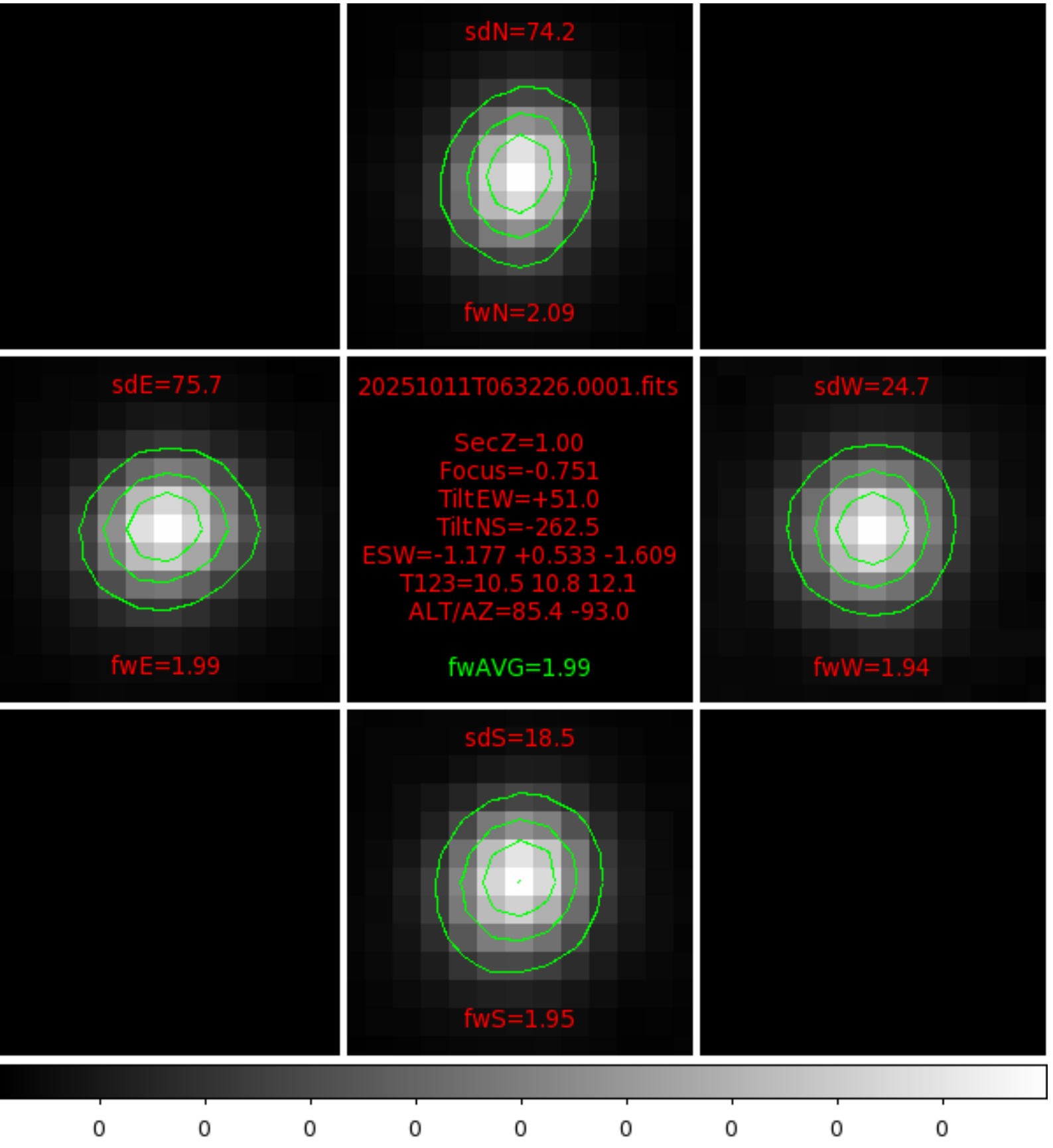
sdN=74.2
fwN=2.09
sdE=75.7
fwE=1.99
20251011T063226.0001.fits
SecZ=1.00
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=85.4 -93.0
fwAVG=1.99
sdW=24.7
fwW=1.94
sdS=18.5
fwS=1.95
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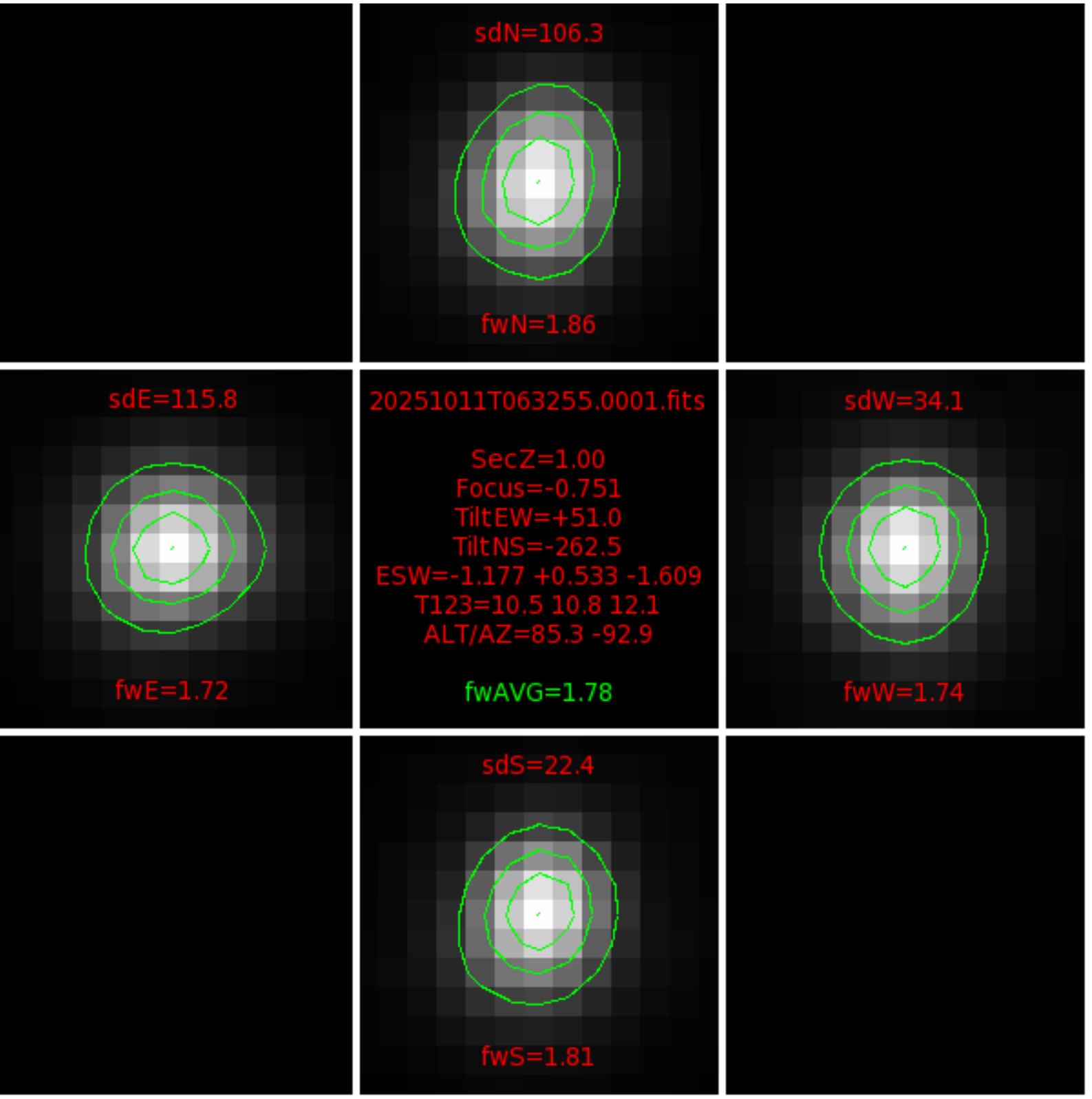
sdN=106.3
fwN=1.86
sdE=115.8
fwE=1.72
20251011T063255.0001.fits
SecZ=1.00
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=85.3 -92.9
fwAVG=1.78
sdW=34.1
fwW=1.74
sdS=22.4
fwS=1.81
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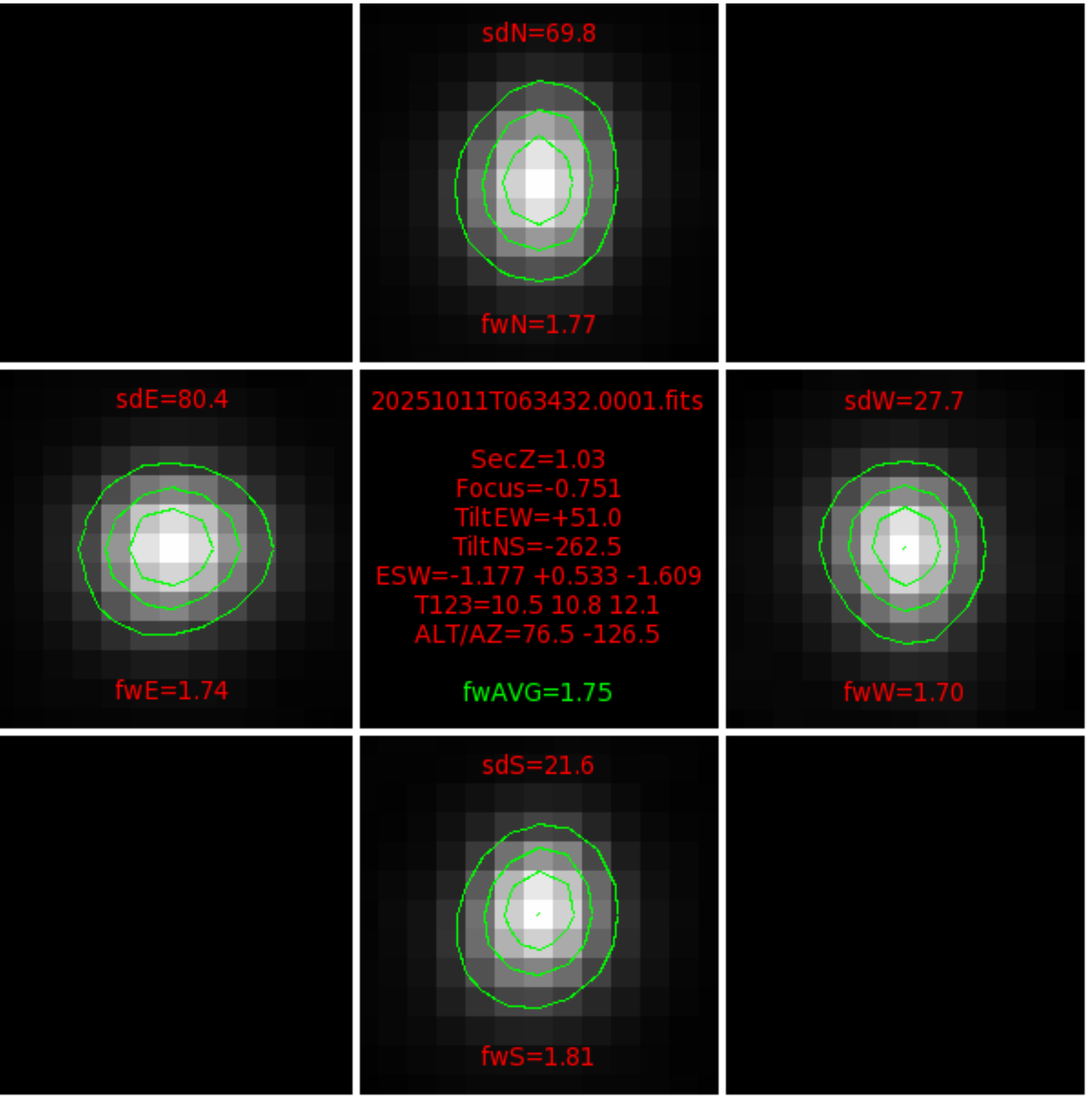
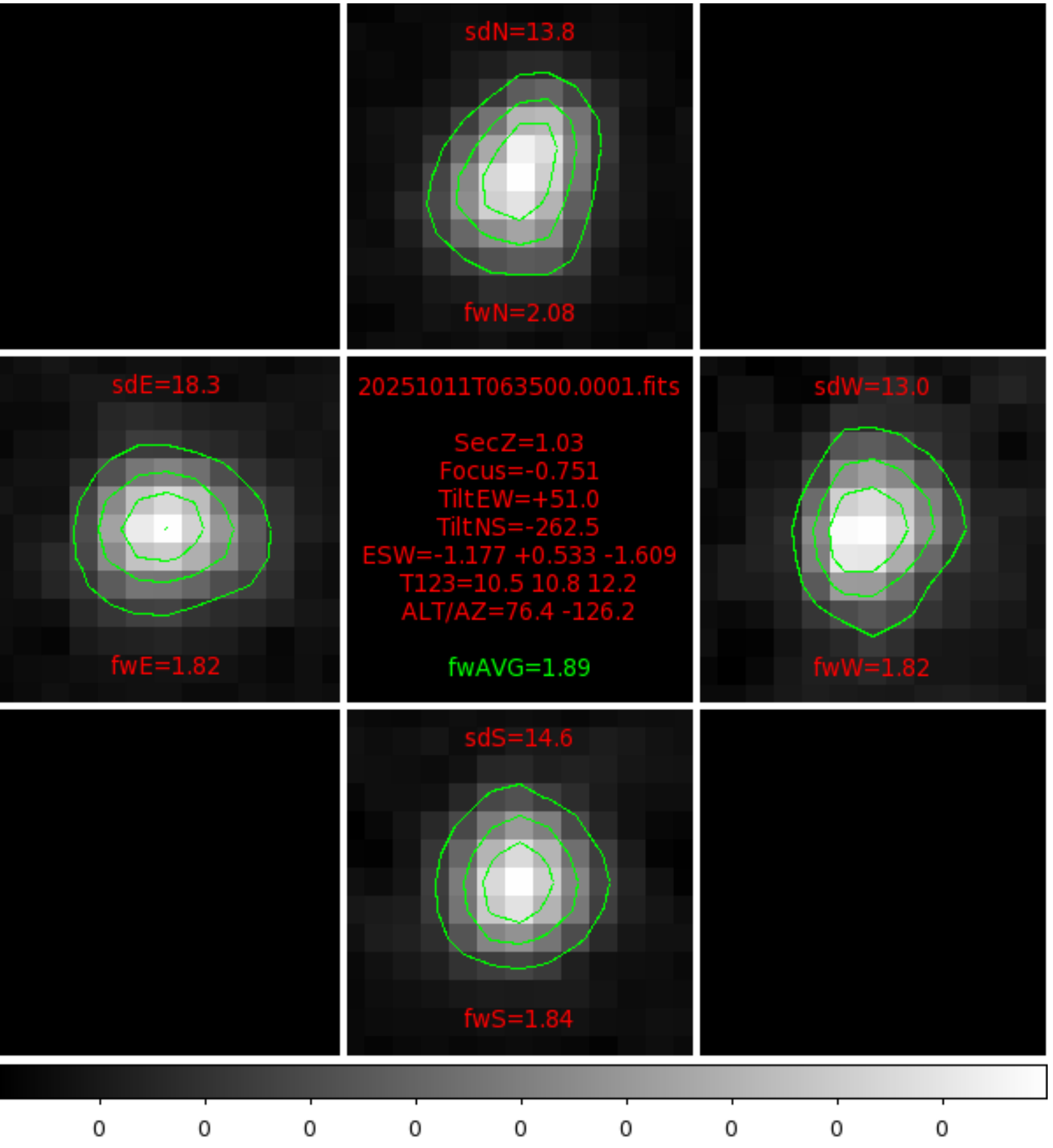

sdN=69.8
fwN=1.77
sdE=80.4
fwE=1.74
20251011T063432.0001.fits
SecZ=1.03
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=76.5 -126.5
fwAVG=1.75
sdW=27.7
fwW=1.70
sdS=21.6
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=13.8
fwN=2.08
sdE=18.3
fwE=1.82
20251011T063500.0001.fits
SecZ=1.03
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.2
ALT/AZ=76.4 -126.2
fwAVG=1.89
sdW=13.0
fwW=1.82
sdS=14.6
fwS=1.84
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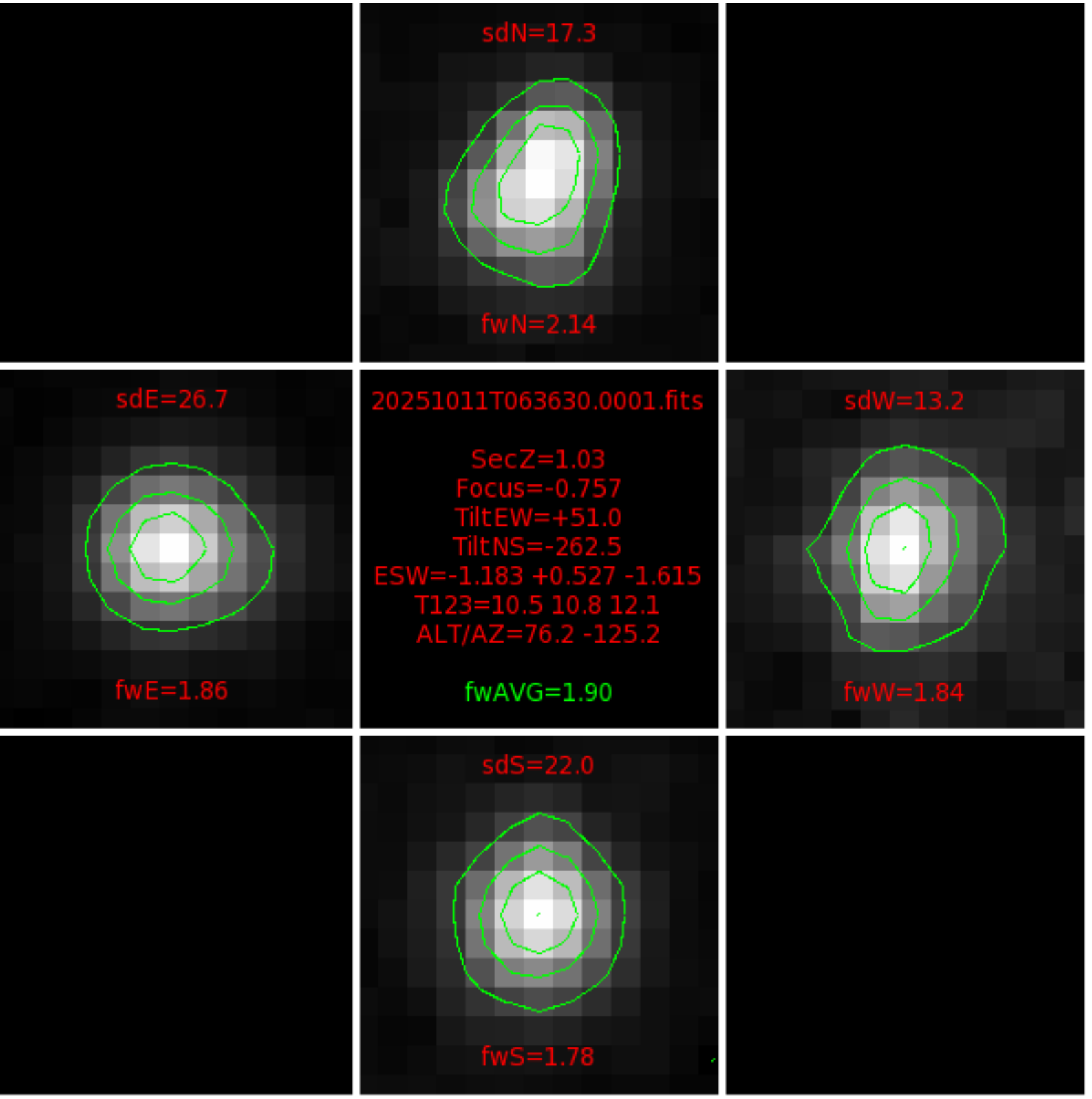
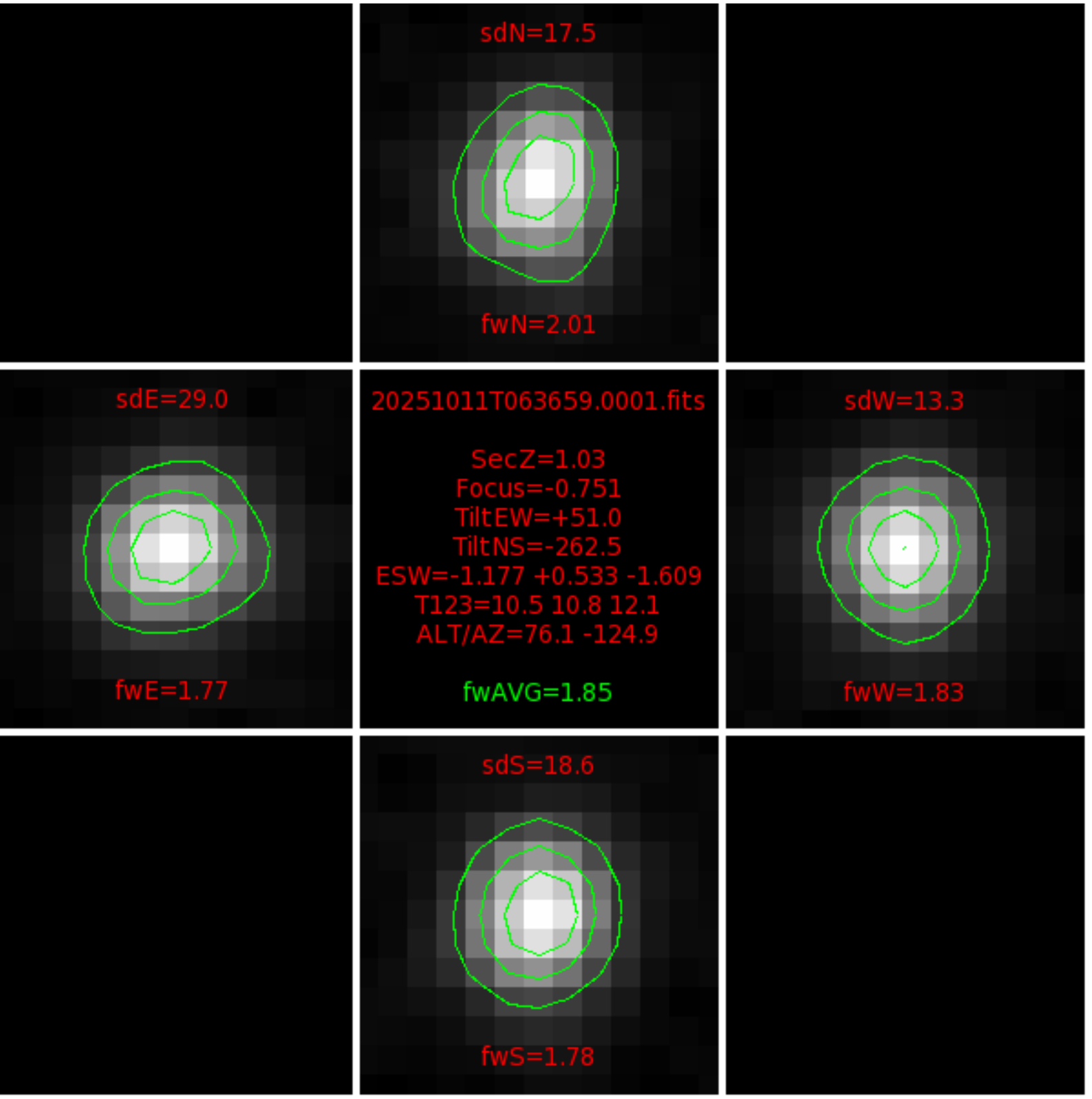
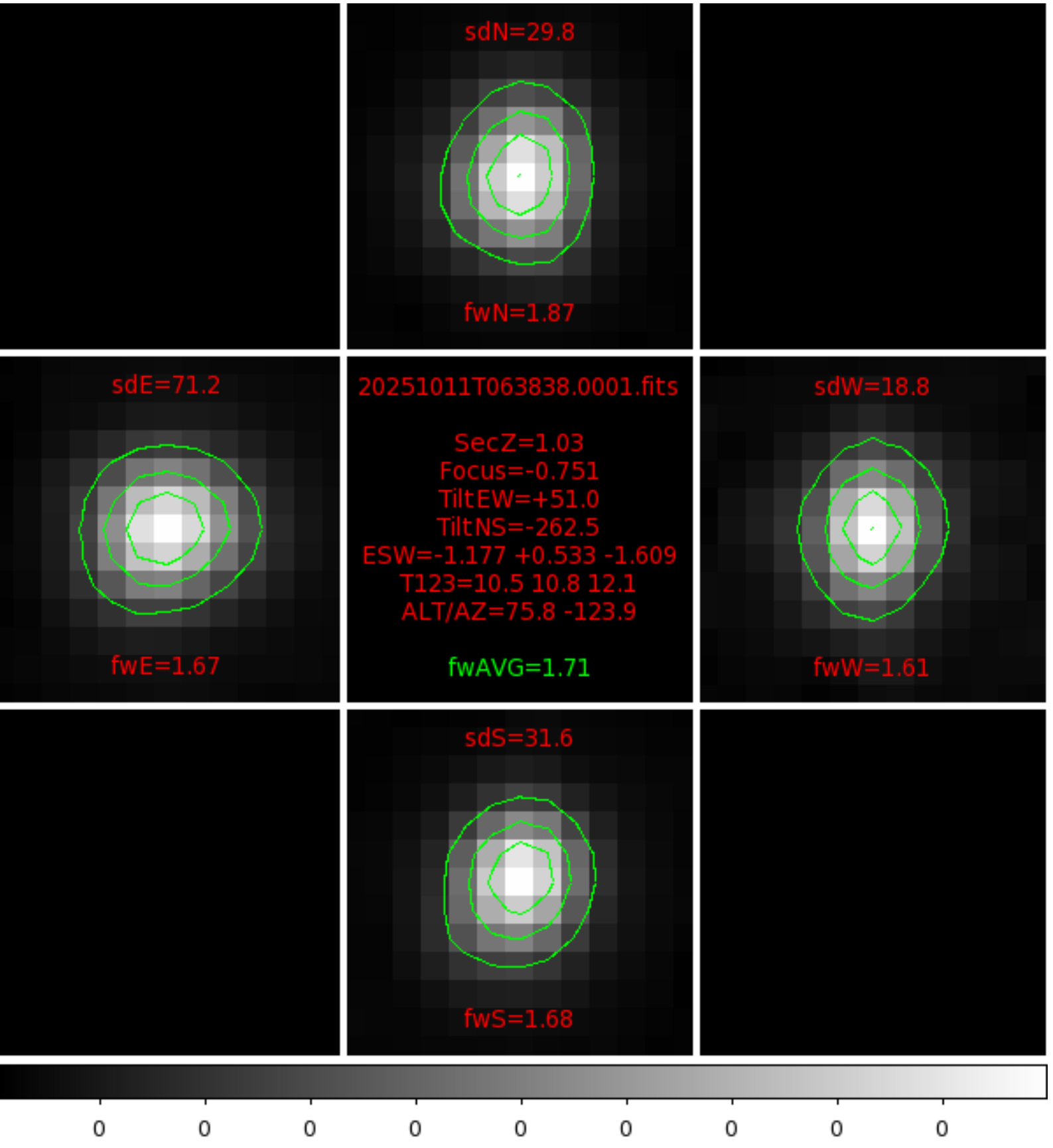
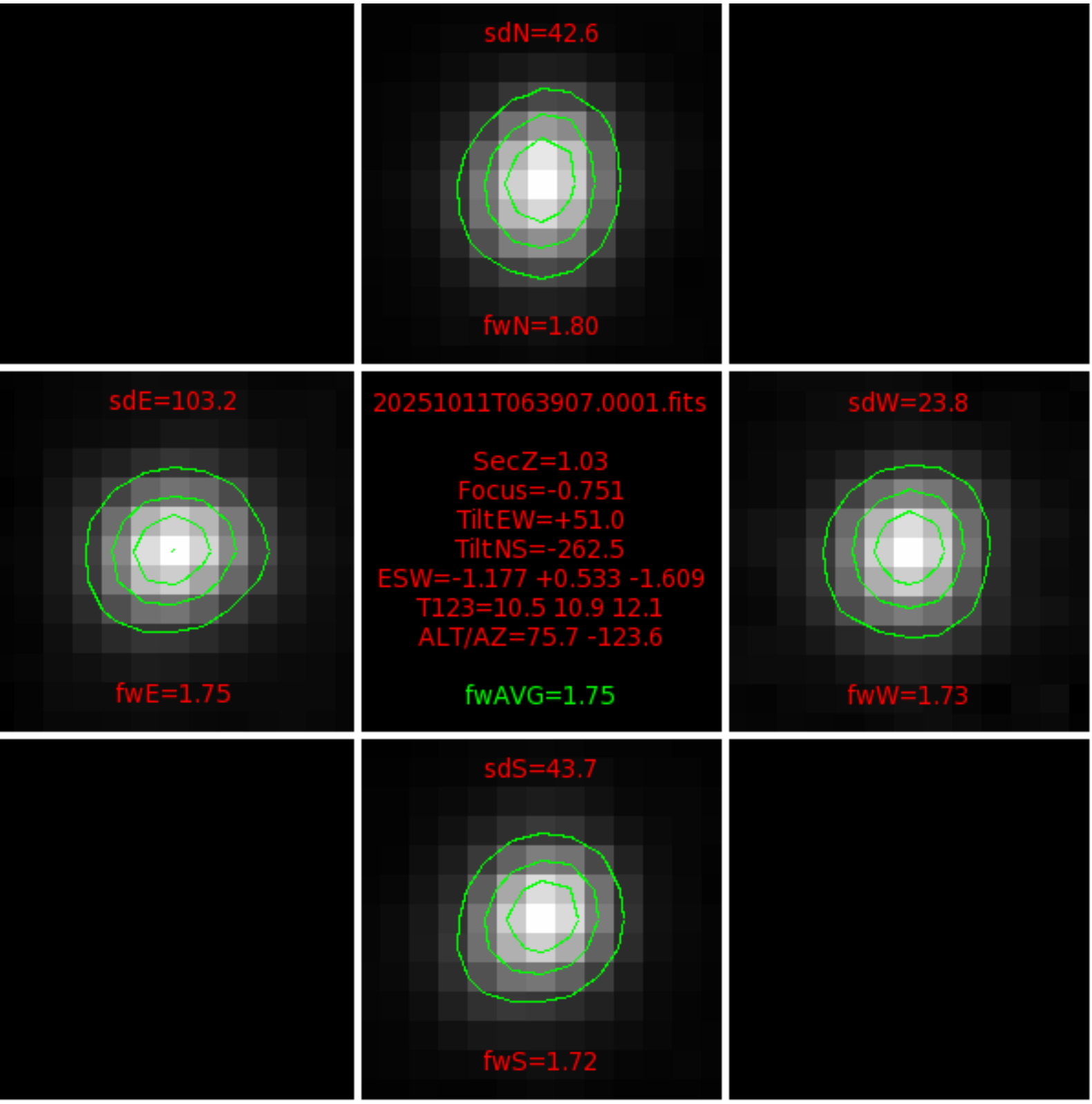

sdN=17.3
fwN=2.14
sdE=26.7
fwE=1.86
20251011T063630.0001.fits
SecZ=1.03
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.5 10.8 12.1
ALT/AZ=76.2 -125.2
fwAVG=1.90
sdW=13.2
fwW=1.84
sdS=22.0
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=17.5
fwN=2.01
sdE=29.0
fwE=1.77
20251011T063659.0001.fits
SecZ=1.03
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=76.1 -124.9
fwAVG=1.85
sdW=13.3
fwW=1.83
sdS=18.6
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=29.8
fwN=1.87
sdE=71.2
fwE=1.67
20251011T063838.0001.fits
SecZ=1.03
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=75.8 -123.9
fwAVG=1.71
sdW=18.8
fwW=1.61
sdS=31.6
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=42.6
fwN=1.80
sdE=103.2
fwE=1.75
20251011T063907.0001.fits
SecZ=1.03
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.9 12.1
ALT/AZ=75.7 -123.6
fwAVG=1.75
sdW=23.8
fwW=1.73
sdS=43.7
fwS=1.72
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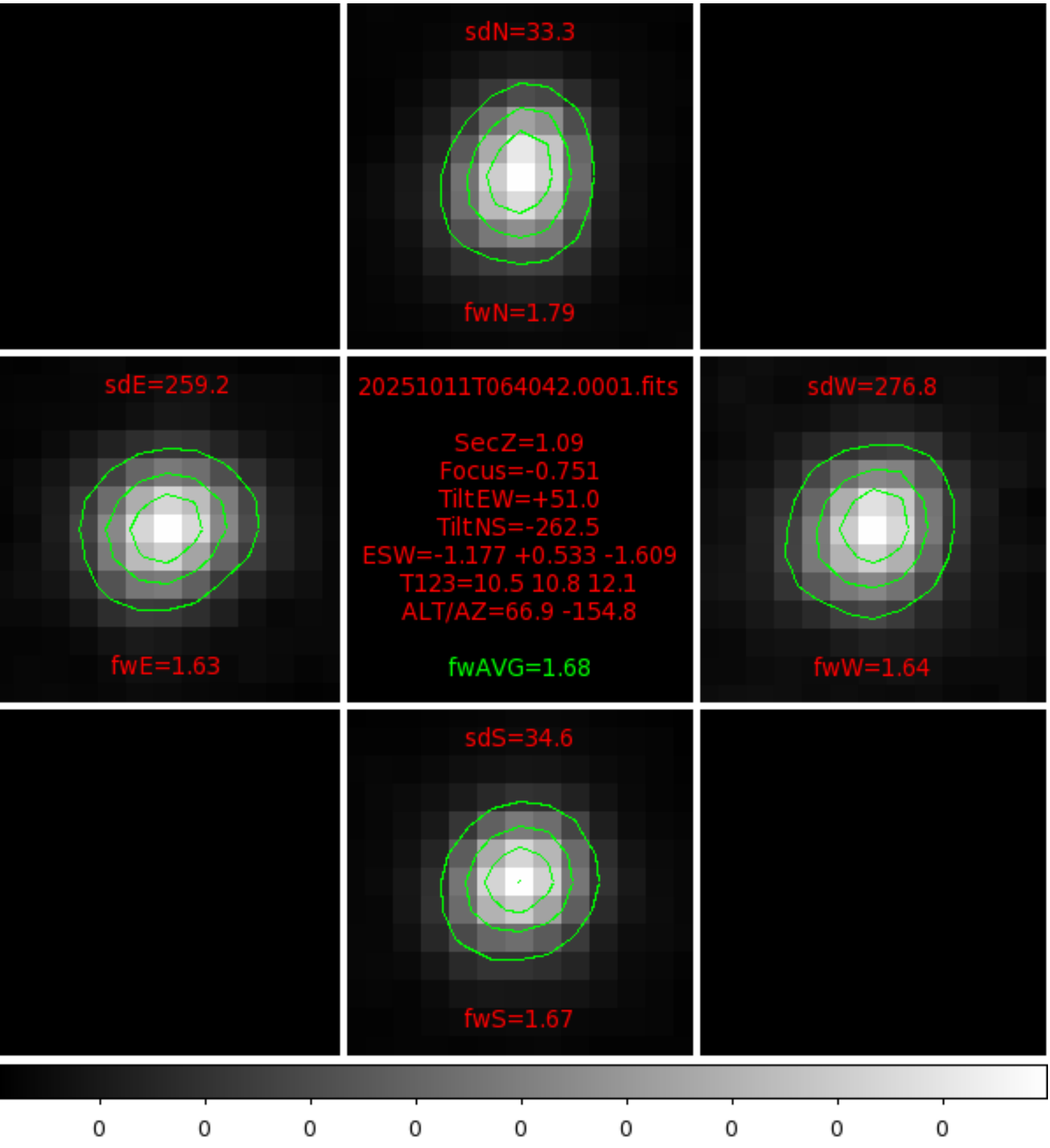
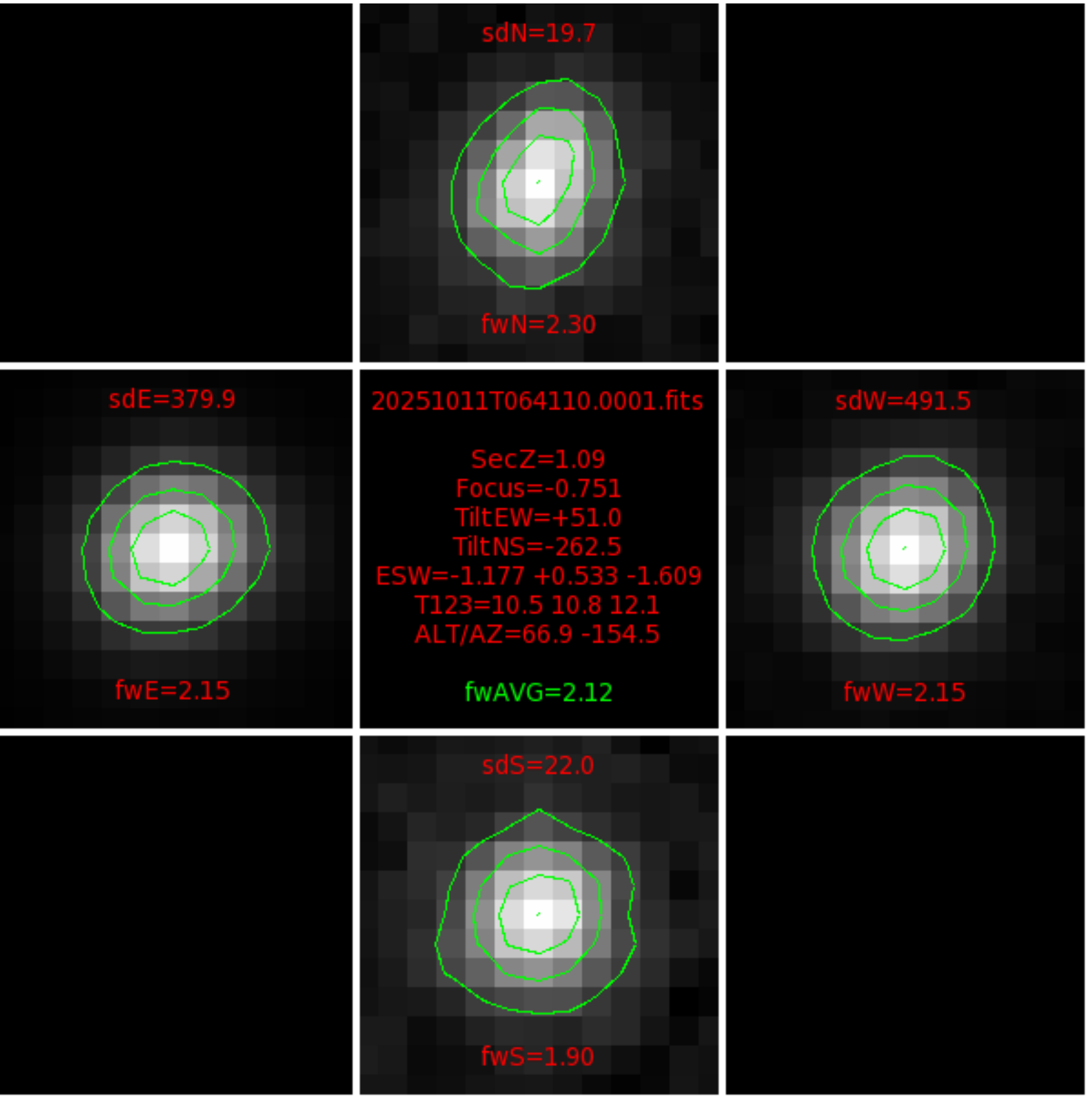
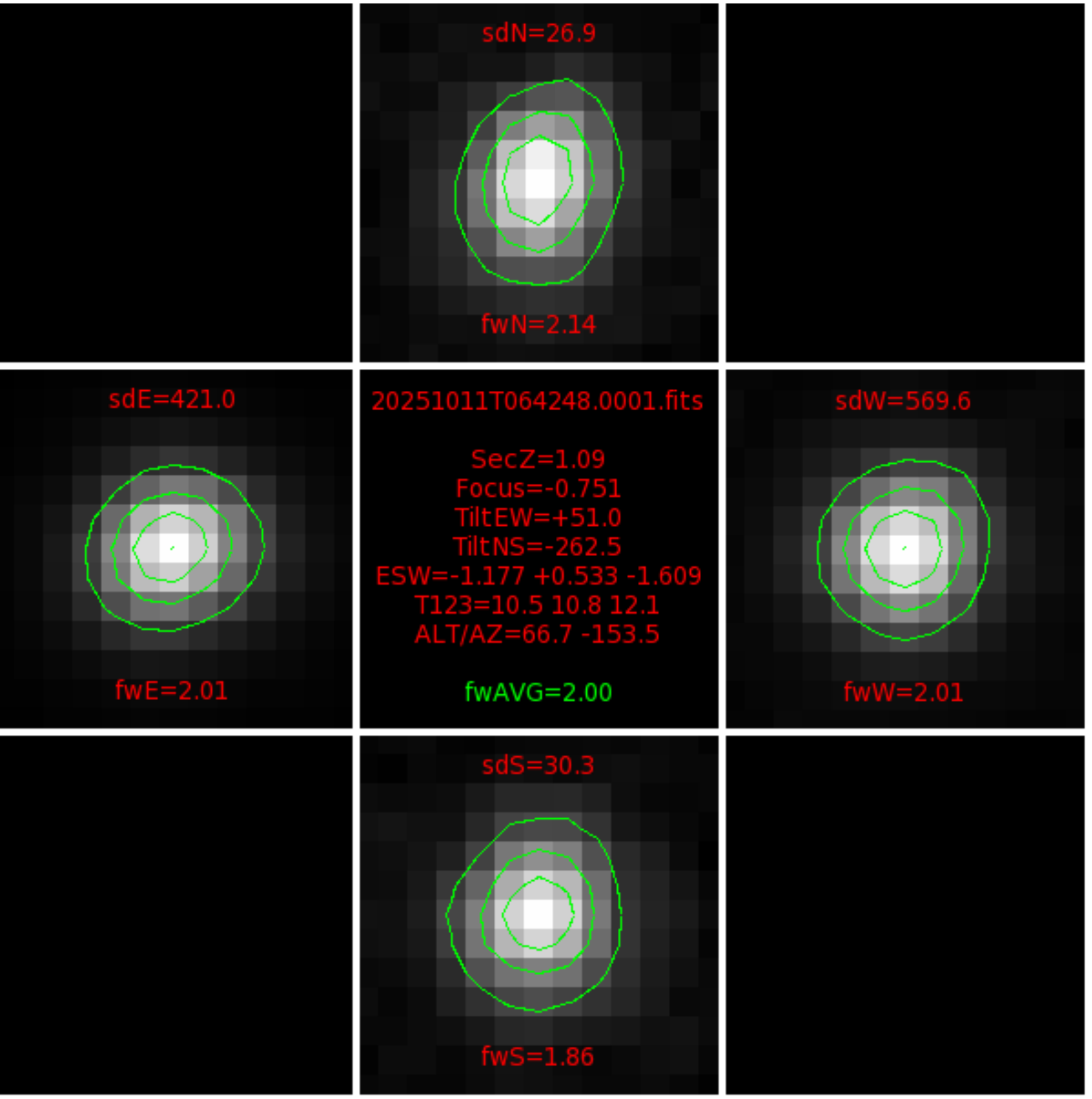
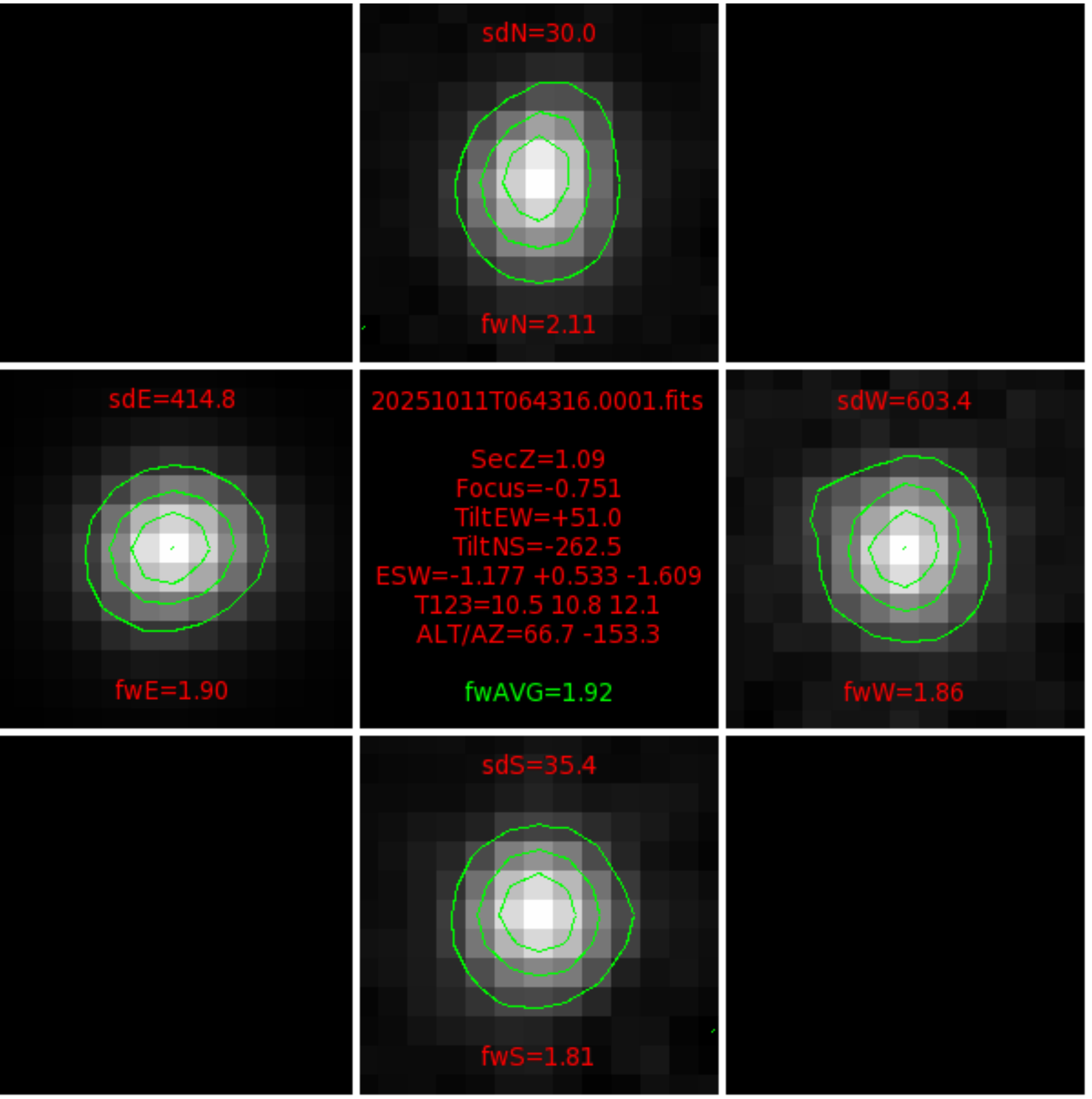
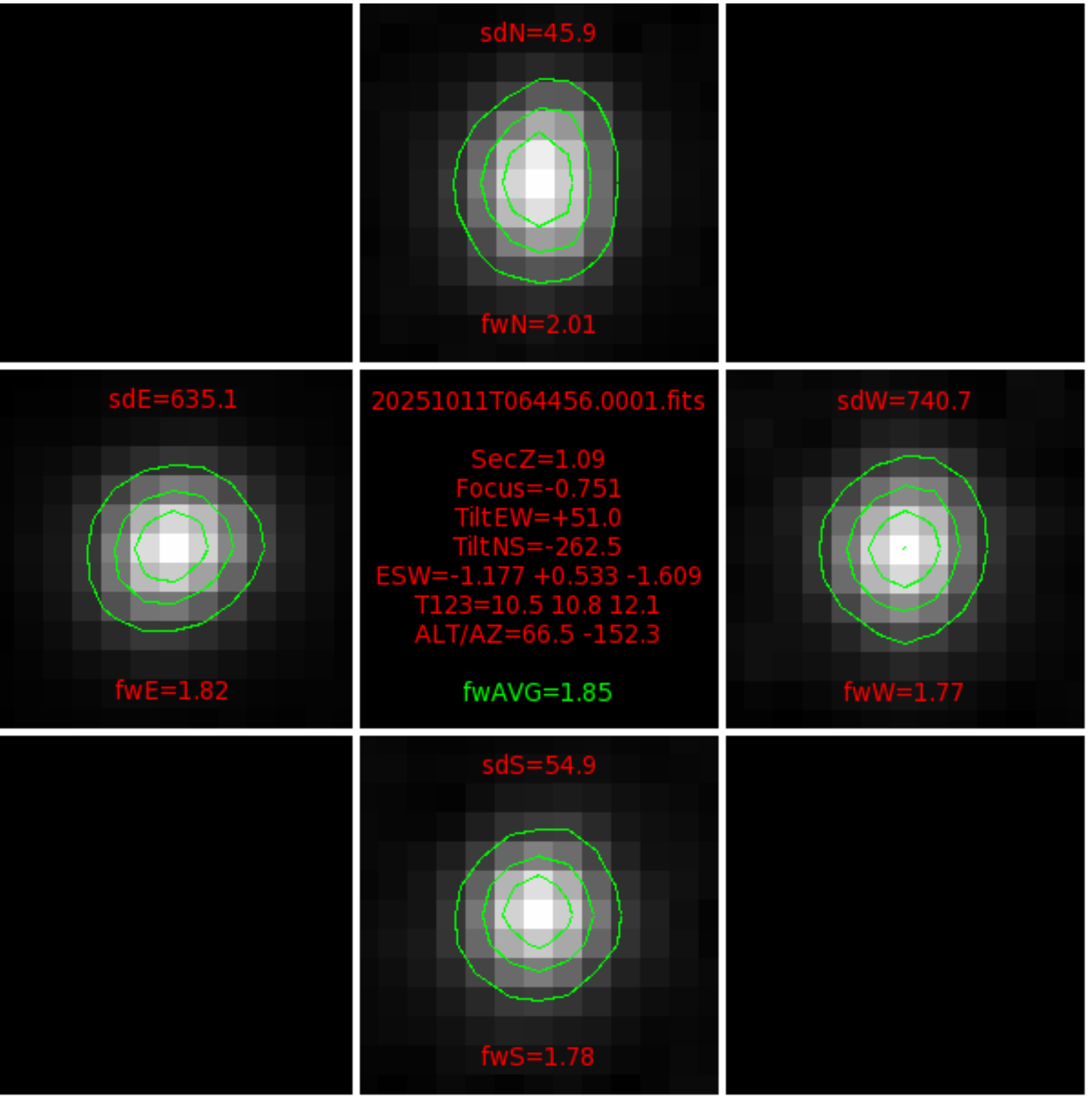
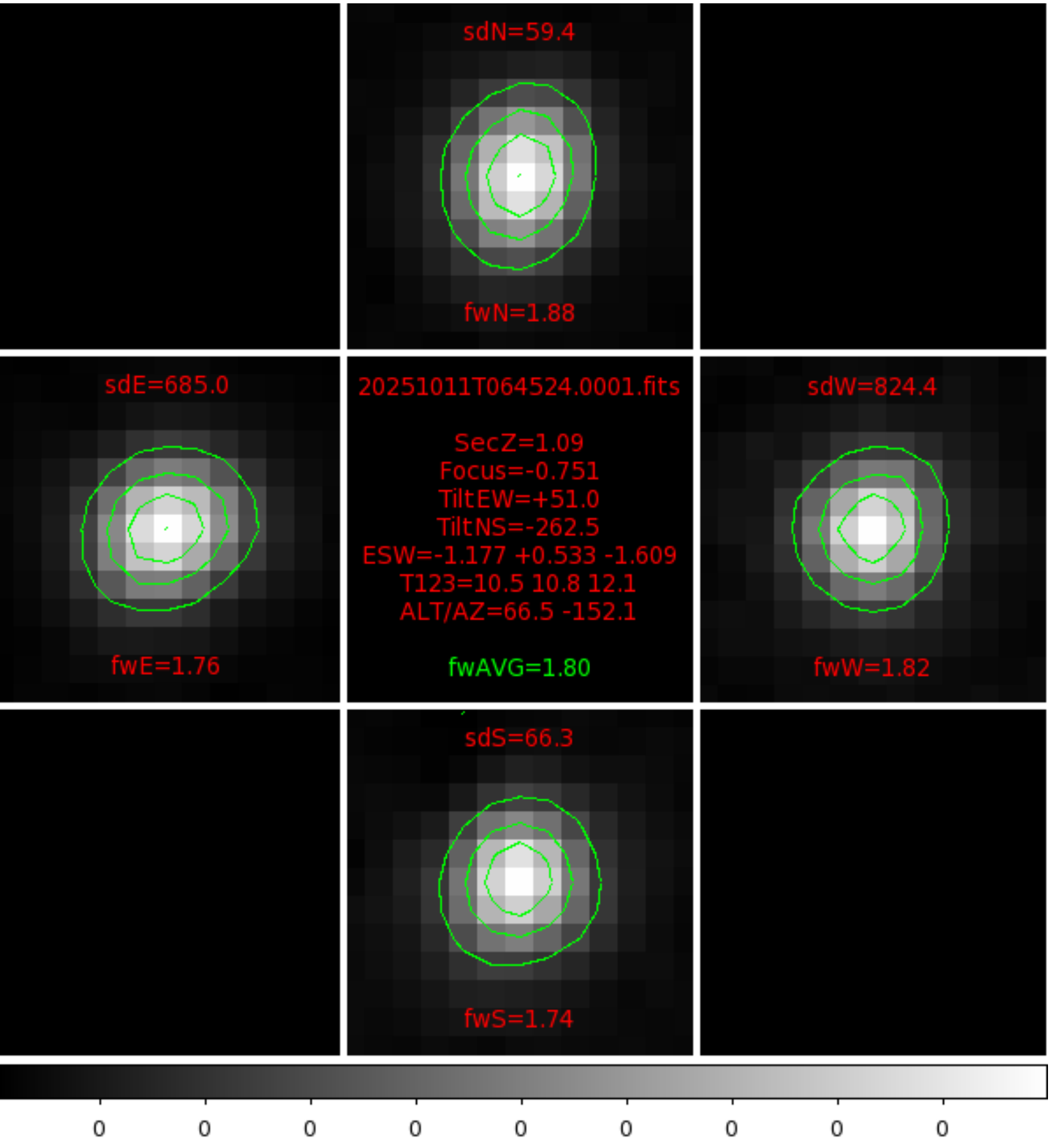

sdN=33.3
fwN=1.79
sdE=259.2
fwE=1.63
20251011T064042.0001.fits
SecZ=1.09
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=66.9 -154.8
fwAVG=1.68
sdW=276.8
fwW=1.64
sdS=34.6
fwS=1.67
0 0 0 0 0 0 0 0 0

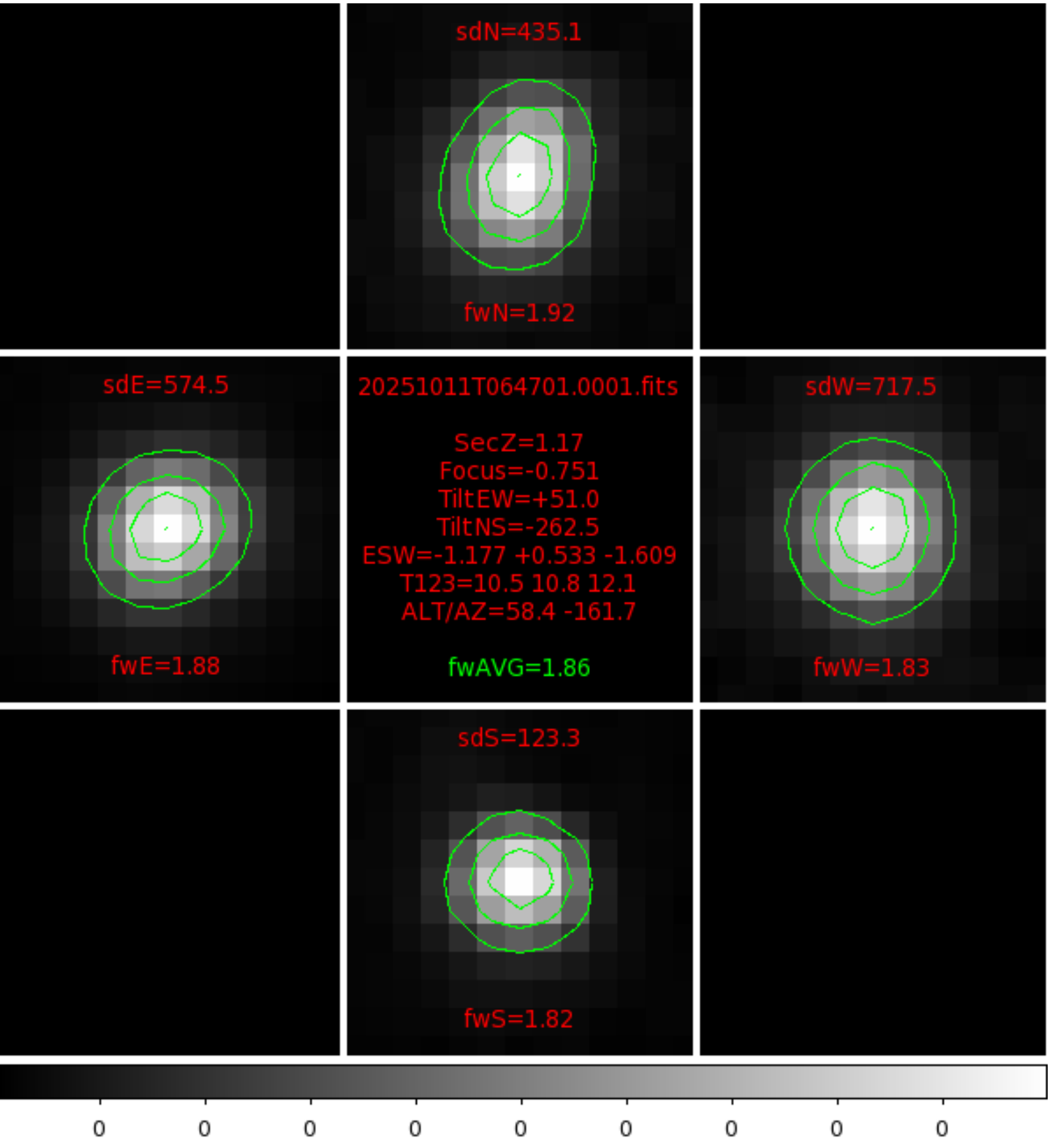

sdN=19.7
fwN=2.30
sdE=379.9
fwE=2.15
20251011T064110.0001.fits
SecZ=1.09
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=66.9 -154.5
fwAVG=2.12
sdW=491.5
fwW=2.15
sdS=22.0
fwS=1.90
0 0 0 0 0 0 0 0 0

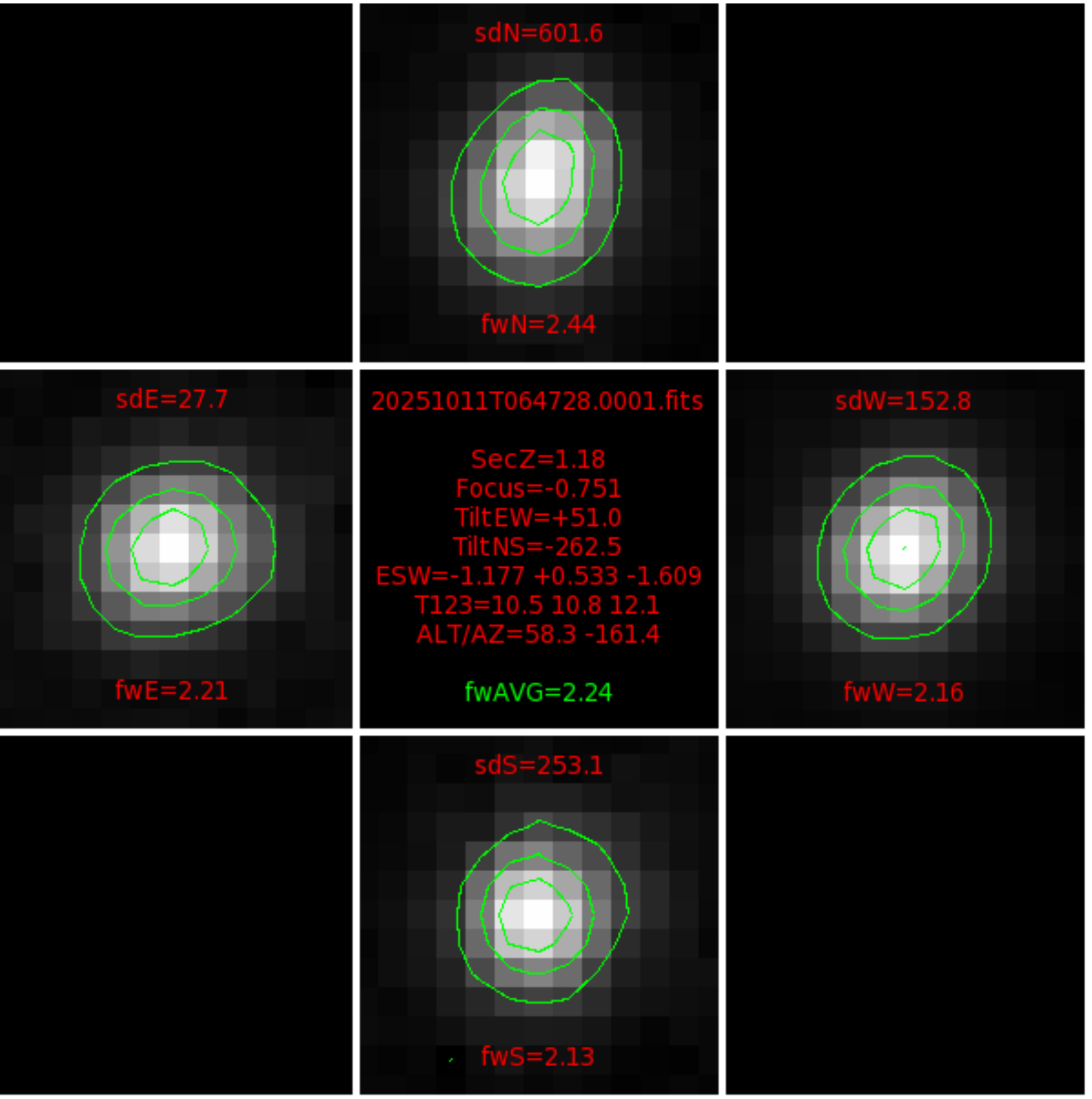

sdN=26.9
fwN=2.14
sdE=421.0
fwE=2.01
20251011T064248.0001.fits
SecZ=1.09
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=66.7 -153.5
fwAVG=2.00
sdW=569.6
fwW=2.01
sdS=30.3
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=30.0
fwN=2.11
sdE=414.8
fwE=1.90
20251011T064316.0001.fits
SecZ=1.09
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=66.7 -153.3
fwAVG=1.92
sdW=603.4
fwW=1.86
sdS=35.4
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=45.9
fwN=2.01
sdE=635.1
fwE=1.82
20251011T064456.0001.fits
SecZ=1.09
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=66.5 -152.3
fwAVG=1.85
sdW=740.7
fwW=1.77
sdS=54.9
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=59.4
fwN=1.88
sdE=685.0
fwE=1.76
20251011T064524.0001.fits
SecZ=1.09
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=66.5 -152.1
fwAVG=1.80
sdW=824.4
fwW=1.82
sdS=66.3
fwS=1.74
0 0 0 0 0 0 0 0 0


sdN=435.1
fwN=1.92
sdE=574.5
fwE=1.88
20251011T064701.0001.fits
SecZ=1.17
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=58.4 -161.7
fwAVG=1.86
sdW=717.5
fwW=1.83
sdS=123.3
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=601.6
fwN=2.44
sdE=27.7
fwE=2.21
20251011T064728.0001.fits
SecZ=1.18
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=58.3 -161.4
fwAVG=2.24
sdW=152.8
fwW=2.16
sdS=253.1
fwS=2.13
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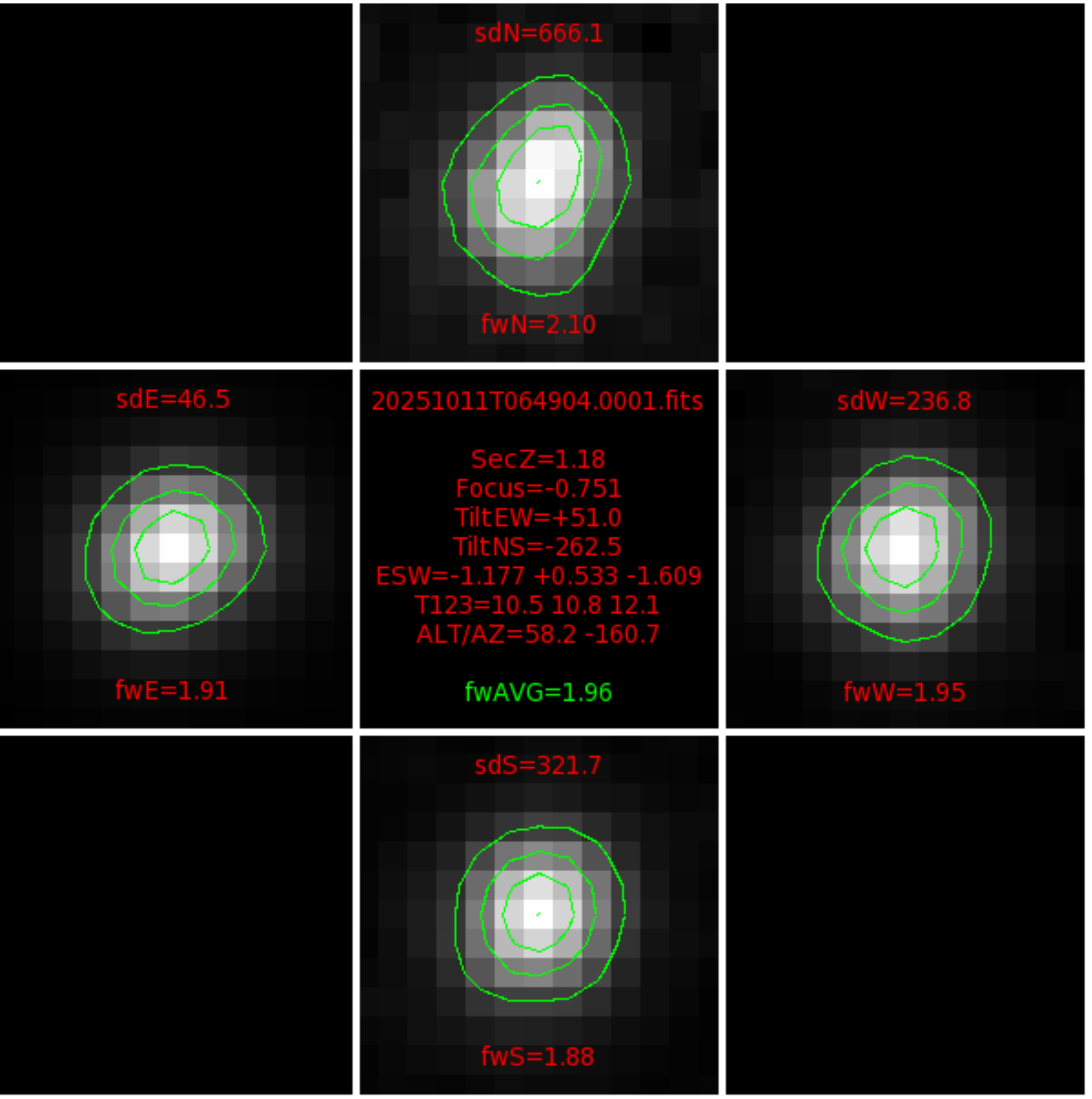
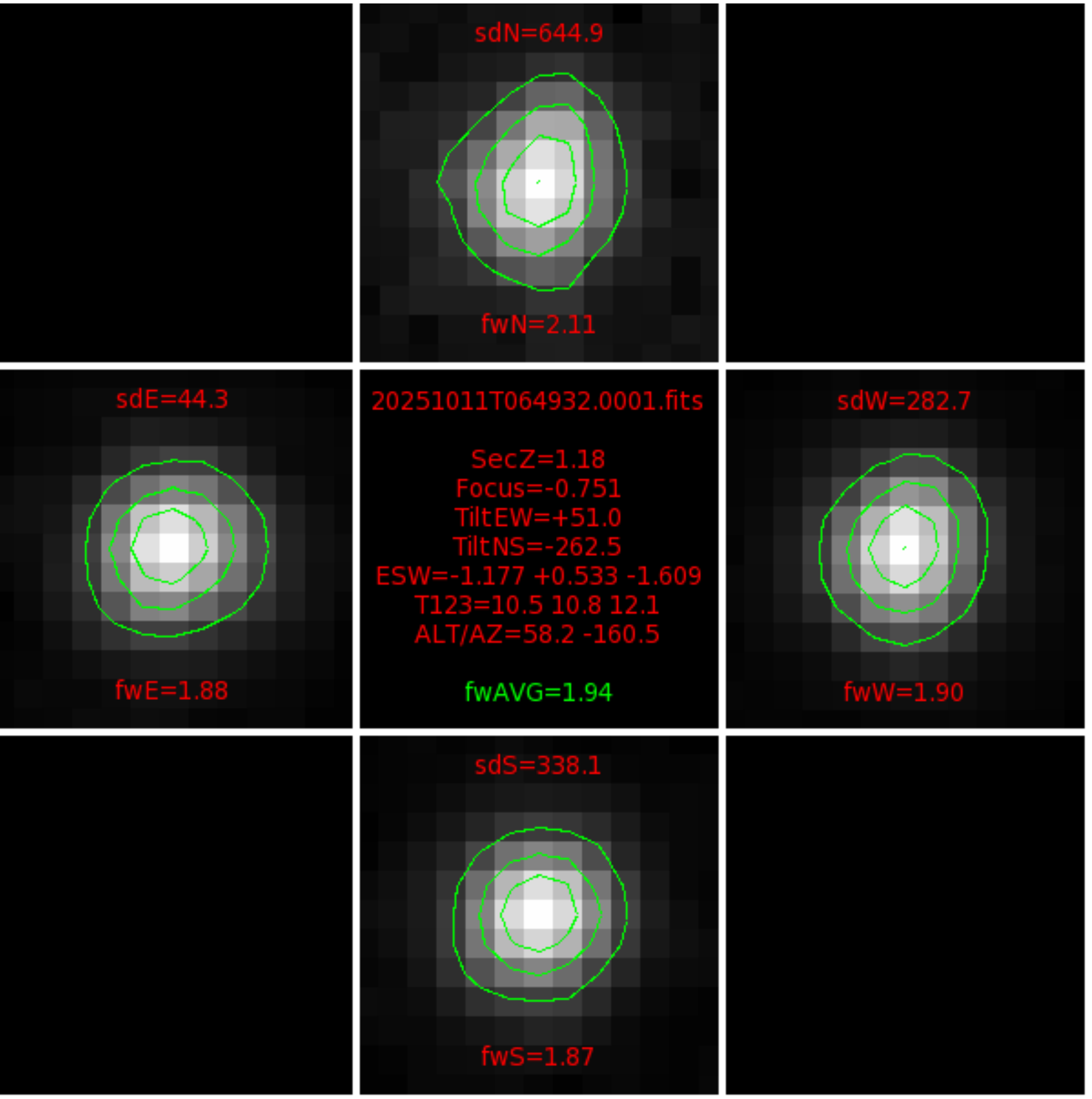
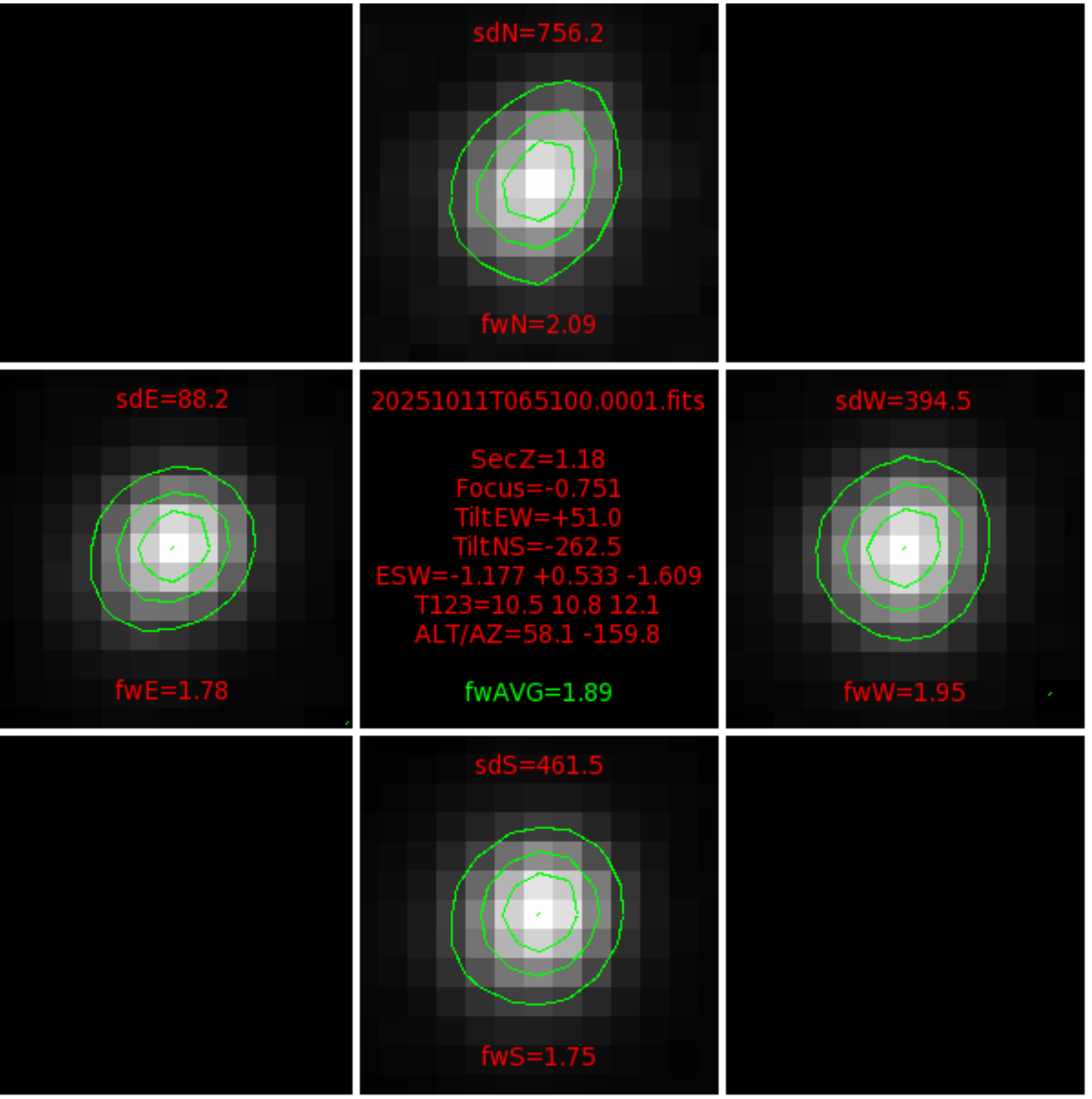
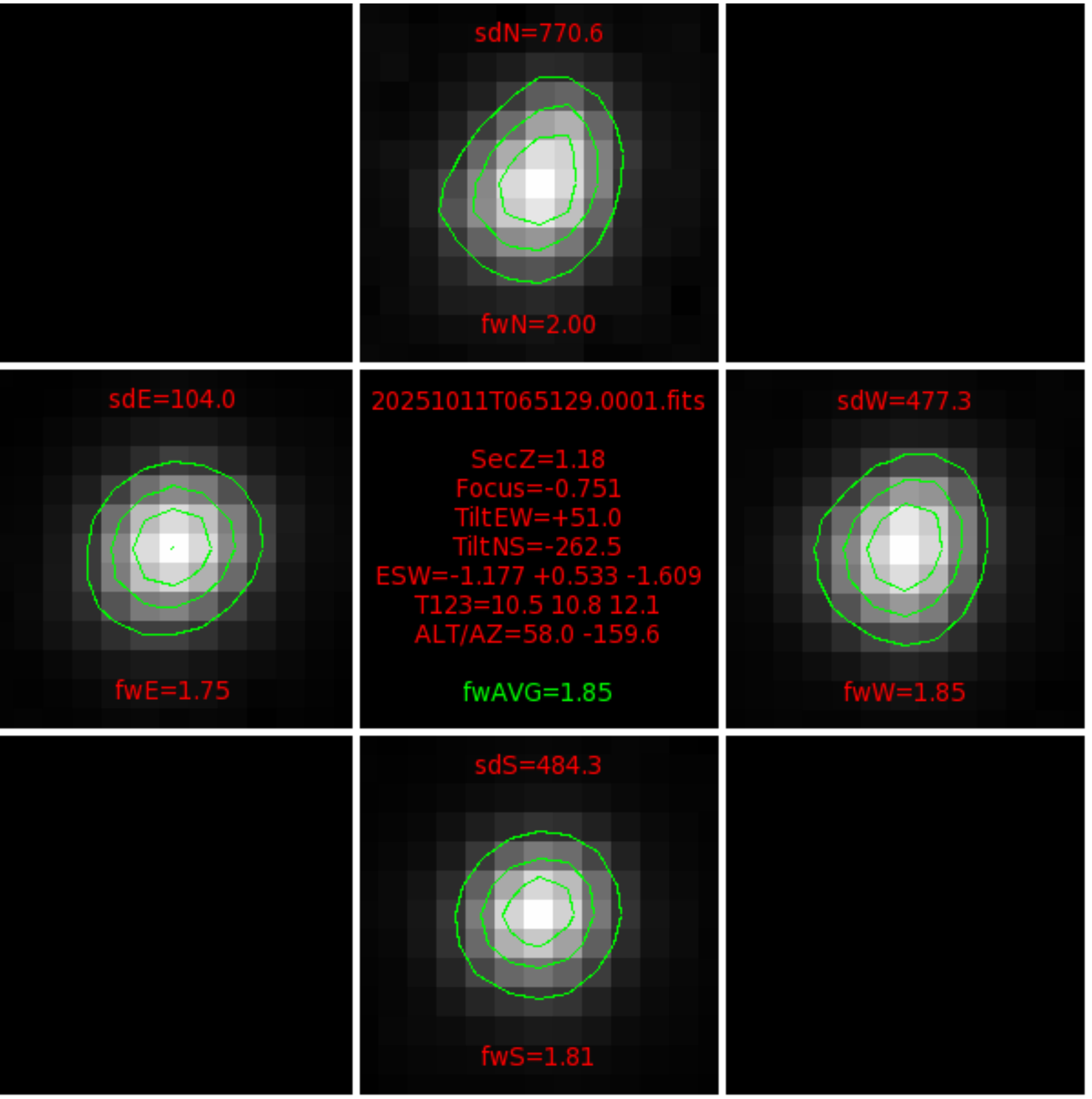
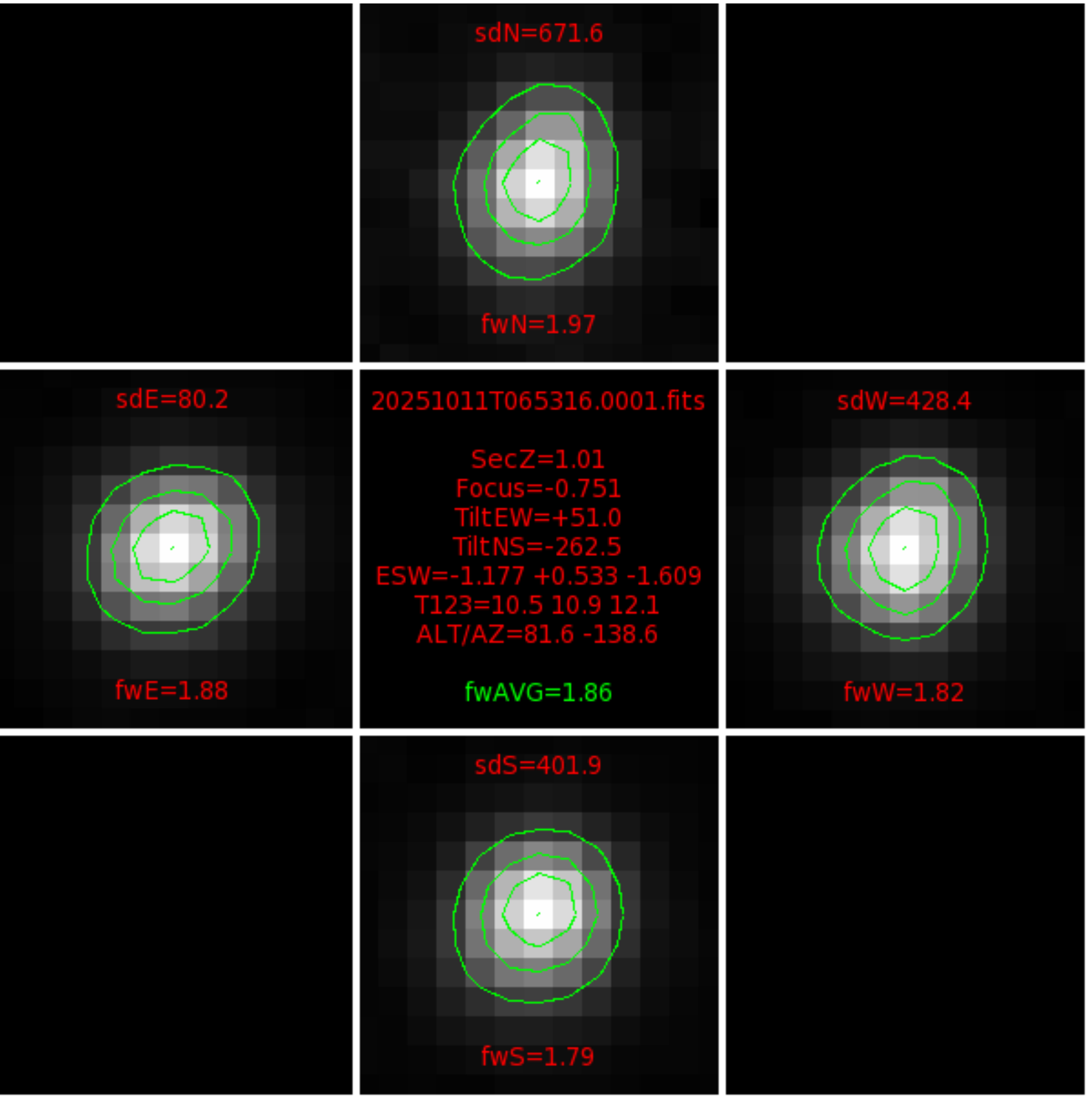
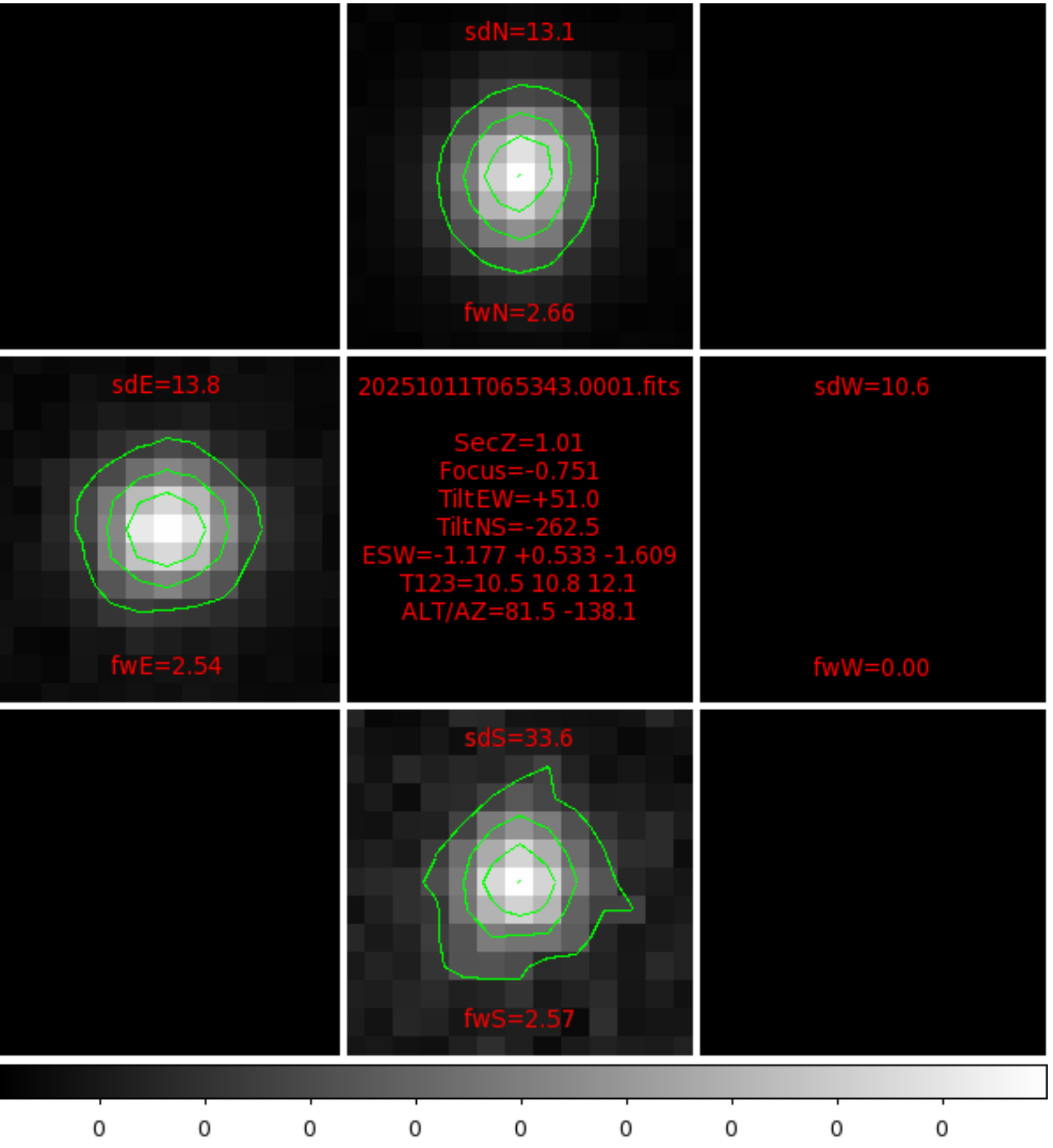

sdN=666.1
fwN=2.10
sdE=46.5
fwE=1.91
20251011T064904.0001.fits
SecZ=1.18
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=58.2 -160.7
fwAVG=1.96
sdW=236.8
fwW=1.95
sdS=321.7
fwS=1.88
0 0 0 0 0 0 0 0 0

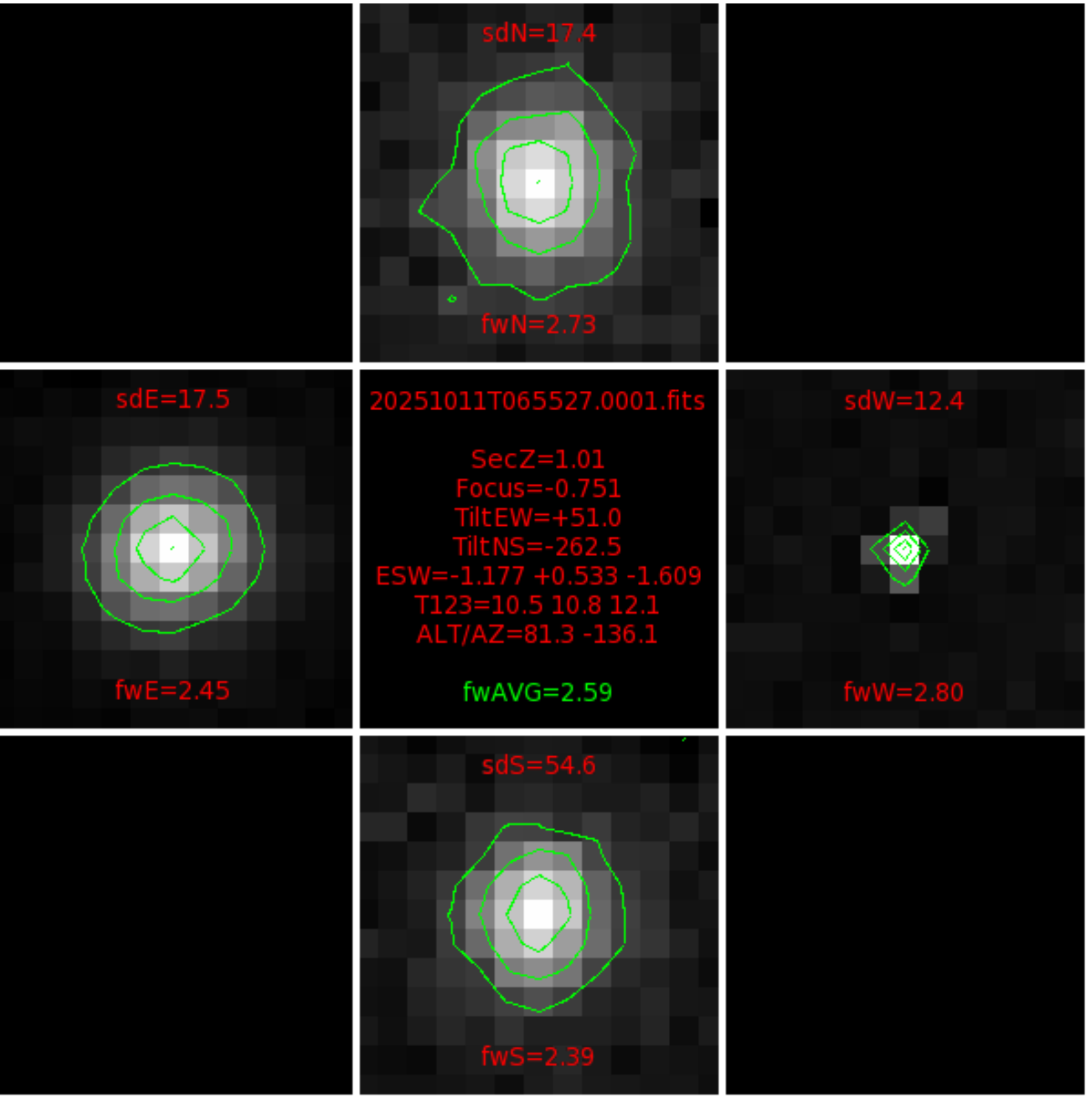

sdN=644.9
fwN=2.11
sdE=44.3
fwE=1.88
20251011T064932.0001.fits
SecZ=1.18
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=58.2 -160.5
fwAVG=1.94
sdW=282.7
fwW=1.90
sdS=338.1
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=756.2
fwN=2.09
sdE=88.2
fwE=1.78
20251011T065100.0001.fits
SecZ=1.18
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=58.1 -159.8
fwAVG=1.89
sdW=394.5
fwW=1.95
sdS=461.5
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=770.6
fwN=2.00
sdE=104.0
fwE=1.75
20251011T065129.0001.fits
SecZ=1.18
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=58.0 -159.6
fwAVG=1.85
sdW=477.3
fwW=1.85
sdS=484.3
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=671.6
fwN=1.97
sdE=80.2
fwE=1.88
20251011T065316.0001.fits
SecZ=1.01
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.9 12.1
ALT/AZ=81.6 -138.6
fwAVG=1.86
sdW=428.4
fwW=1.82
sdS=401.9
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=13.1
fwN=2.66
sdE=13.8
fwE=2.54
20251011T065343.0001.fits
SecZ=1.01
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=81.5 -138.1
sdW=10.6
fwW=0.00
sdS=33.6
fwS=2.57
0 0 0 0 0 0 0 0 0


sdN=17.4
fwN=2.73
sdE=17.5
fwE=2.45
20251011T065527.0001.fits
SecZ=1.01
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=81.3 -136.1
fwAVG=2.59
sdW=12.4
fwW=2.80
sdS=54.6
fwS=2.39
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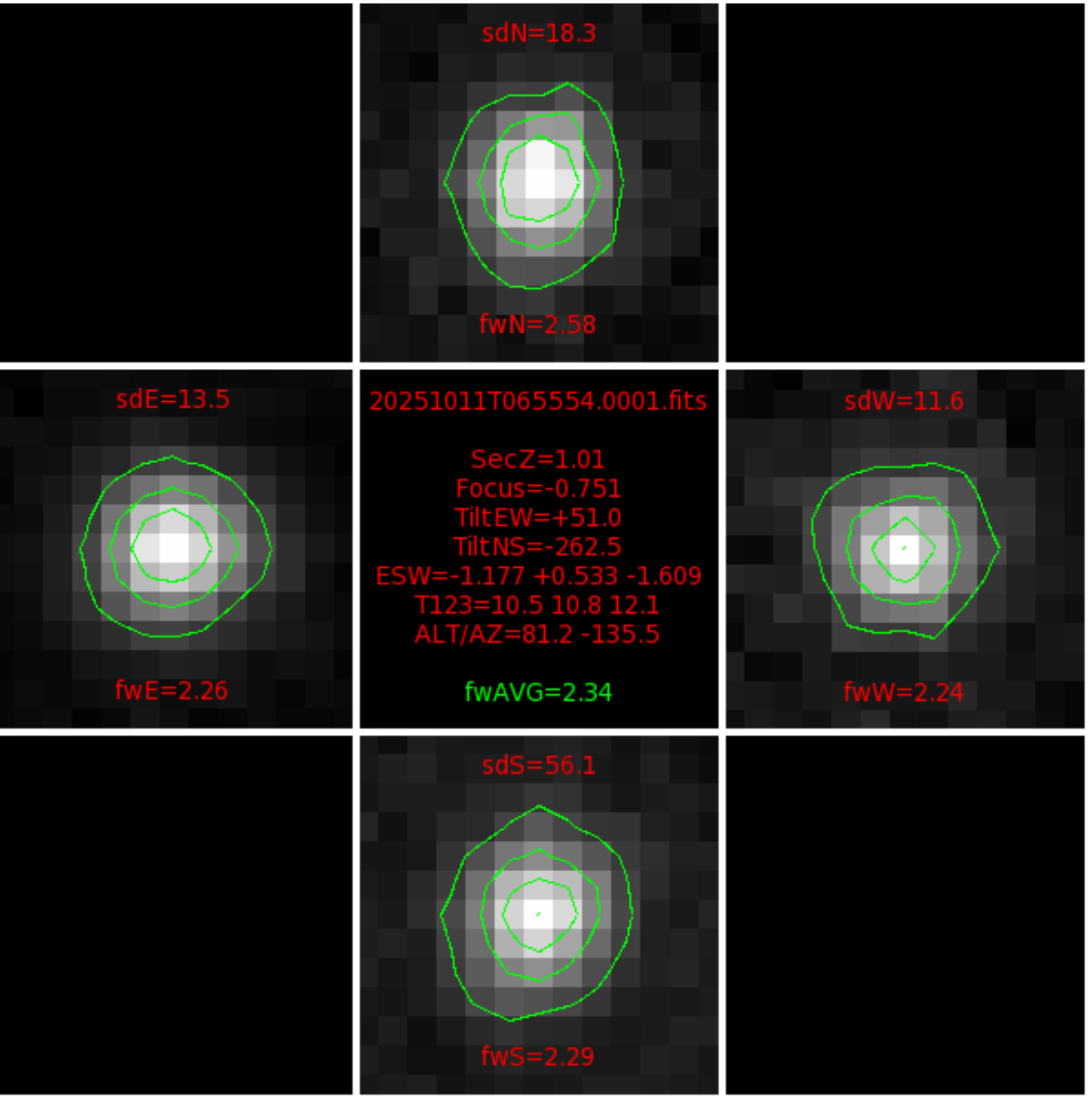
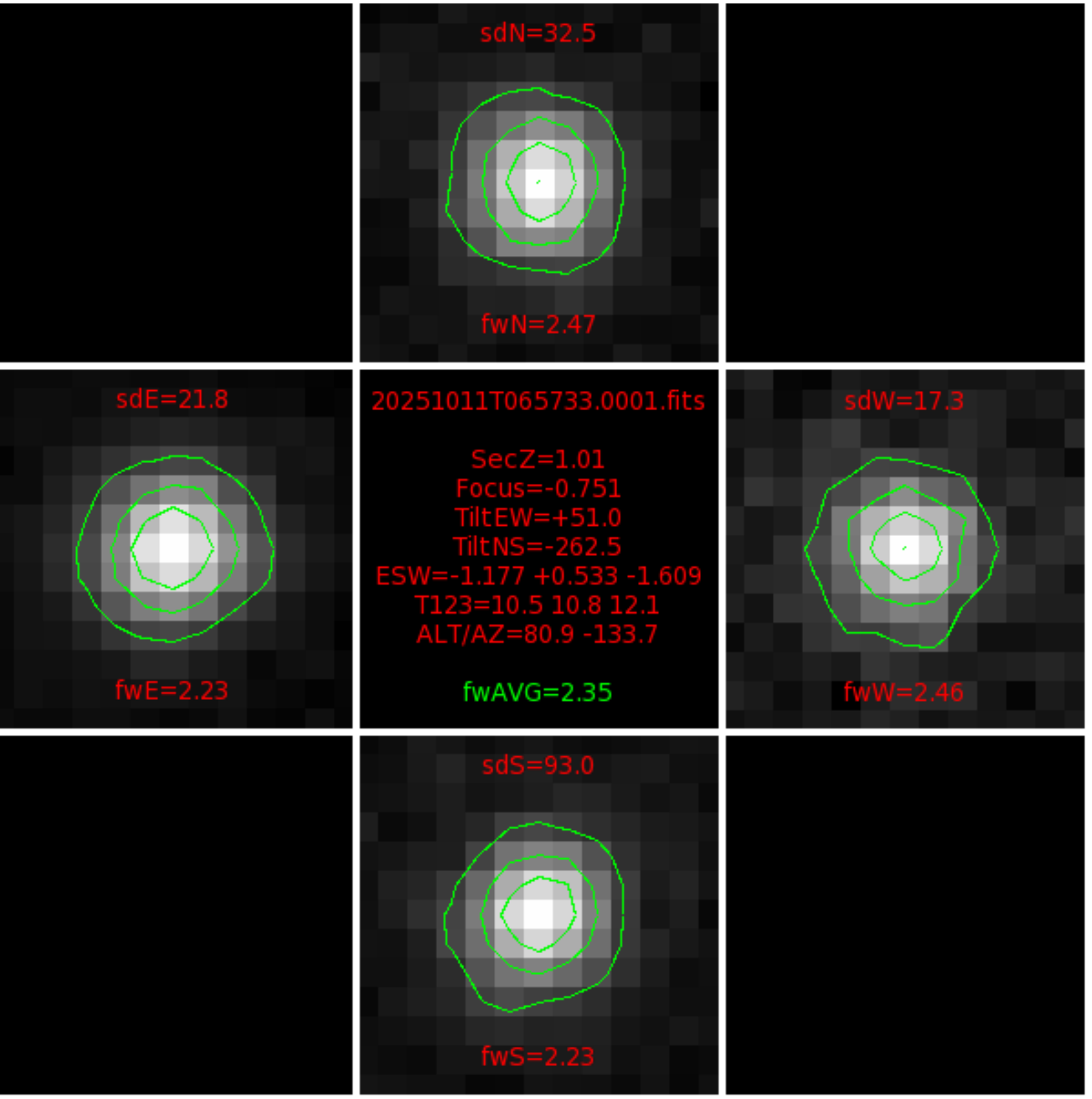

sdN=18.3
fwN=2.58
sdE=13.5
fwE=2.26
20251011T065554.0001.fits
SecZ=1.01
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=81.2 -135.5
fwAVG=2.34
sdW=11.6
fwW=2.24
sdS=56.1
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=32.5
fwN=2.47
sdE=21.8
fwE=2.23
20251011T065733.0001.fits
SecZ=1.01
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=80.9 -133.7
fwAVG=2.35
sdW=17.3
fwW=2.46
sdS=93.0
fwS=2.23
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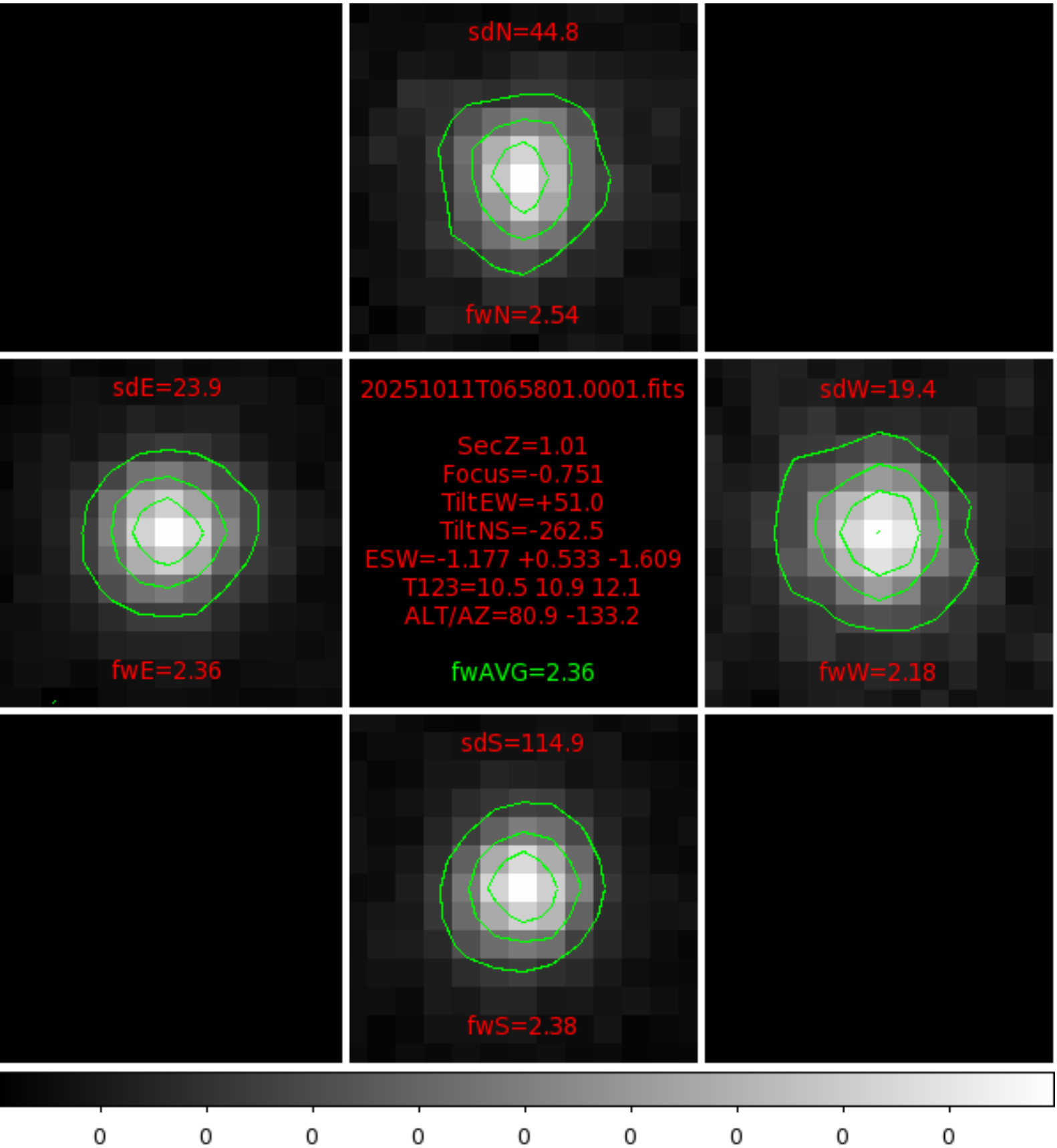
sdN=44.8
fwN=2.54
sdE=23.9
fwE=2.36
20251011T065801.0001.fits
SecZ=1.01
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.9 12.1
ALT/AZ=80.9 -133.2
fwAVG=2.36
sdW=19.4
fwW=2.18
sdS=114.9
fwS=2.38
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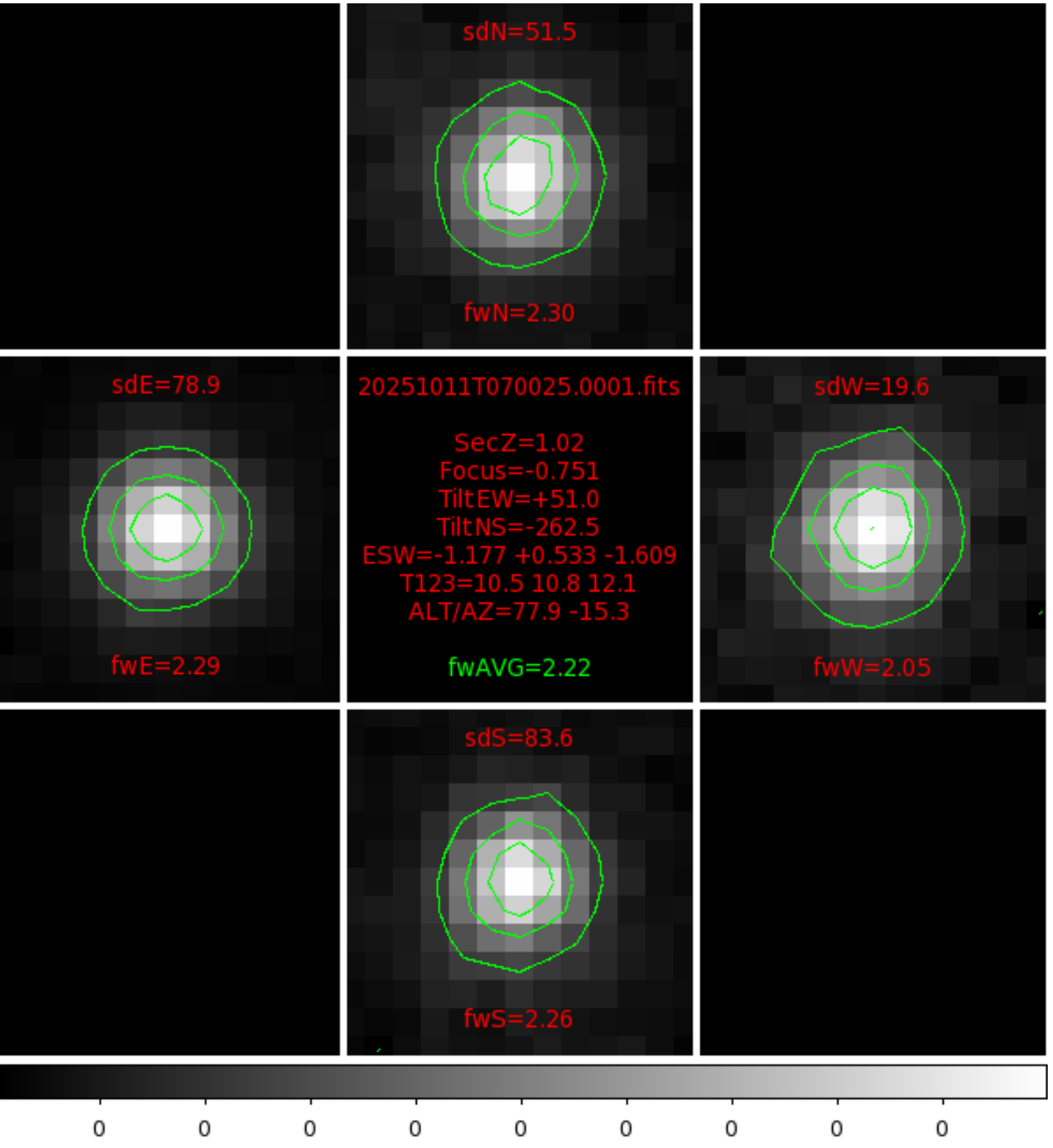
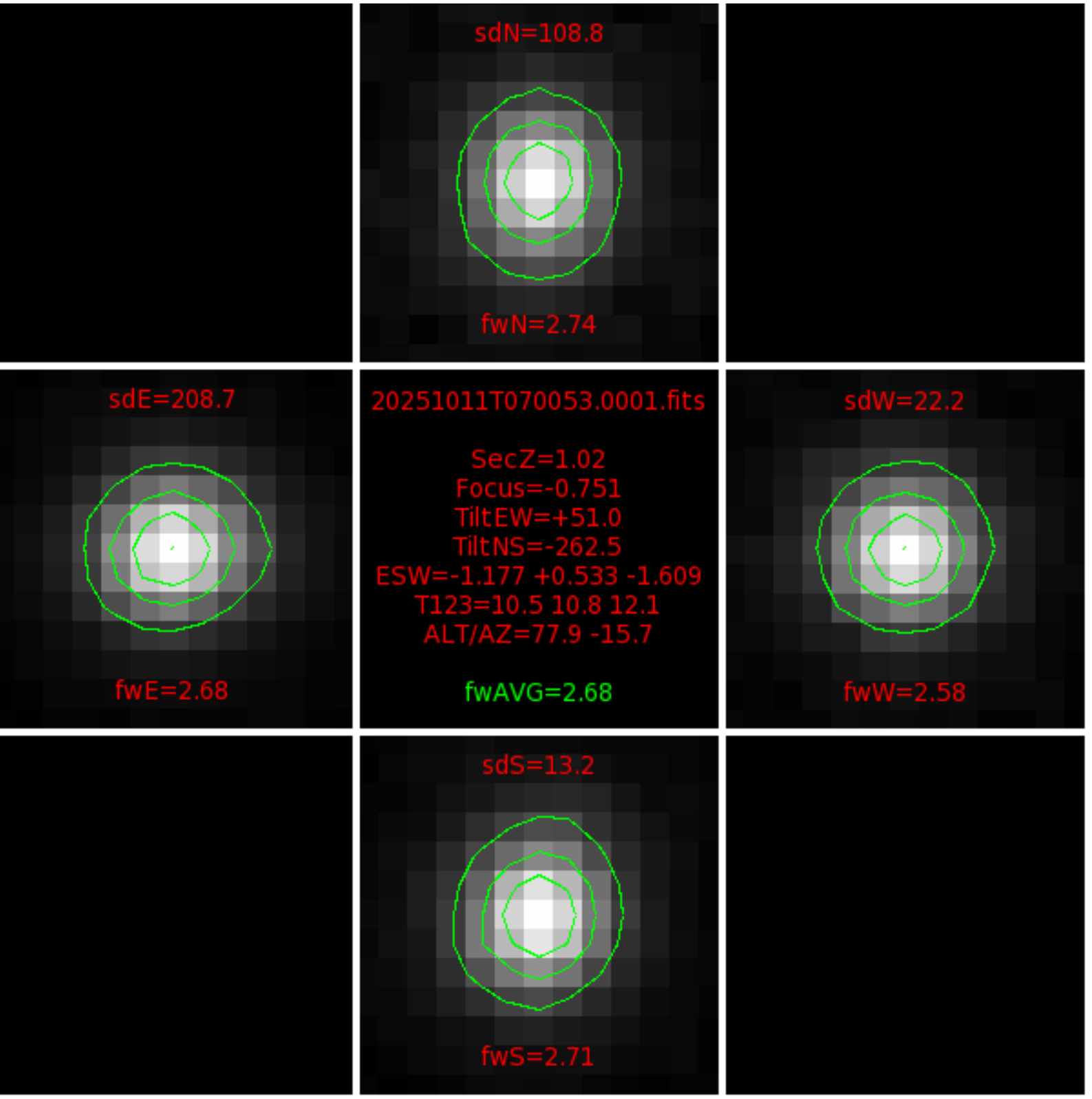

sdN=51.5
fwN=2.30
sdE=78.9
fwE=2.29
20251011T070025.0001.fits
SecZ=1.02
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=77.9 -15.3
fwAVG=2.22
sdW=19.6
fwW=2.05
sdS=83.6
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=108.8
fwN=2.74
sdE=208.7
fwE=2.68
20251011T070053.0001.fits
SecZ=1.02
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=77.9 -15.7
fwAVG=2.68
sdW=22.2
fwW=2.58
sdS=13.2
fwS=2.71
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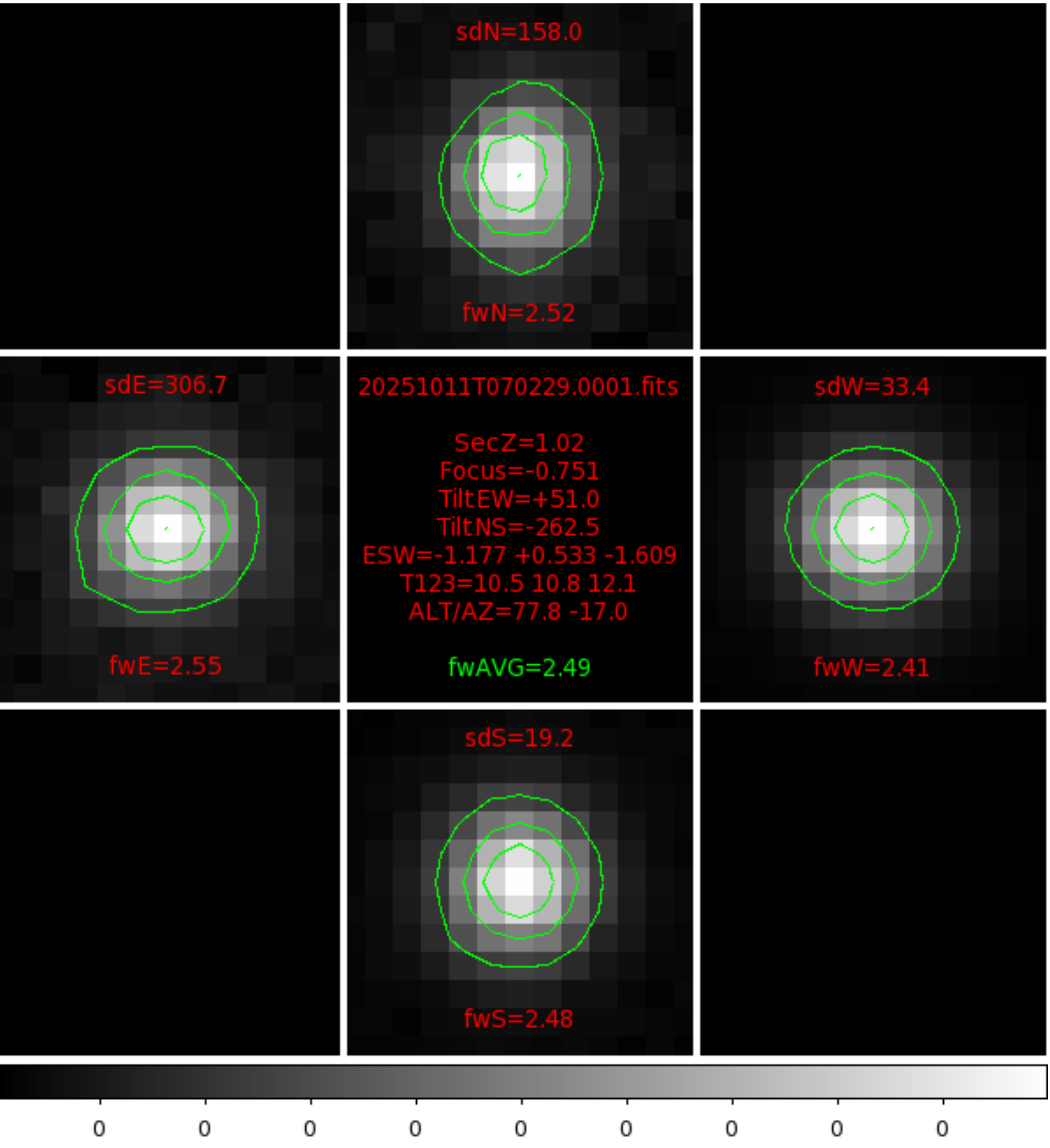
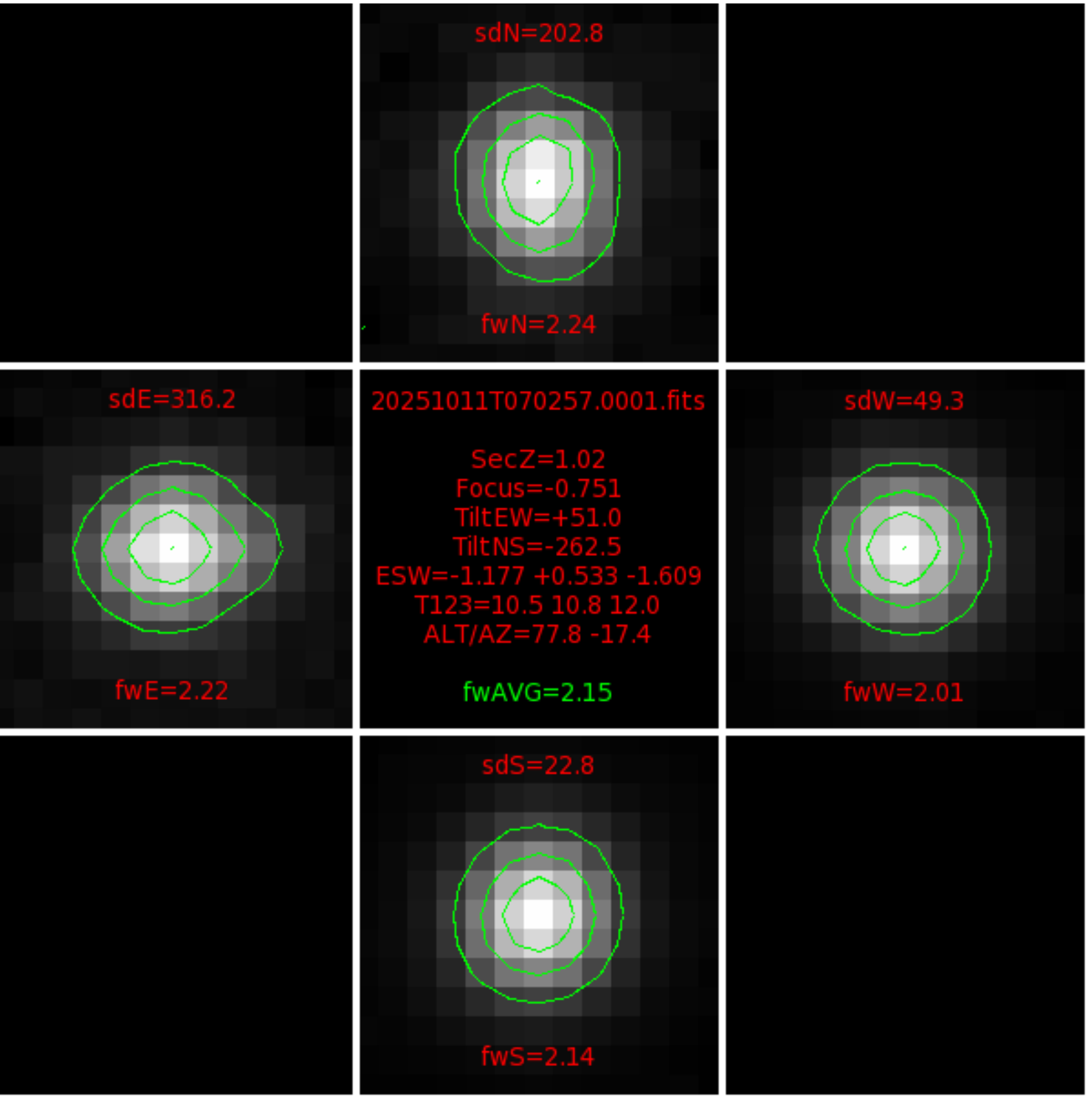
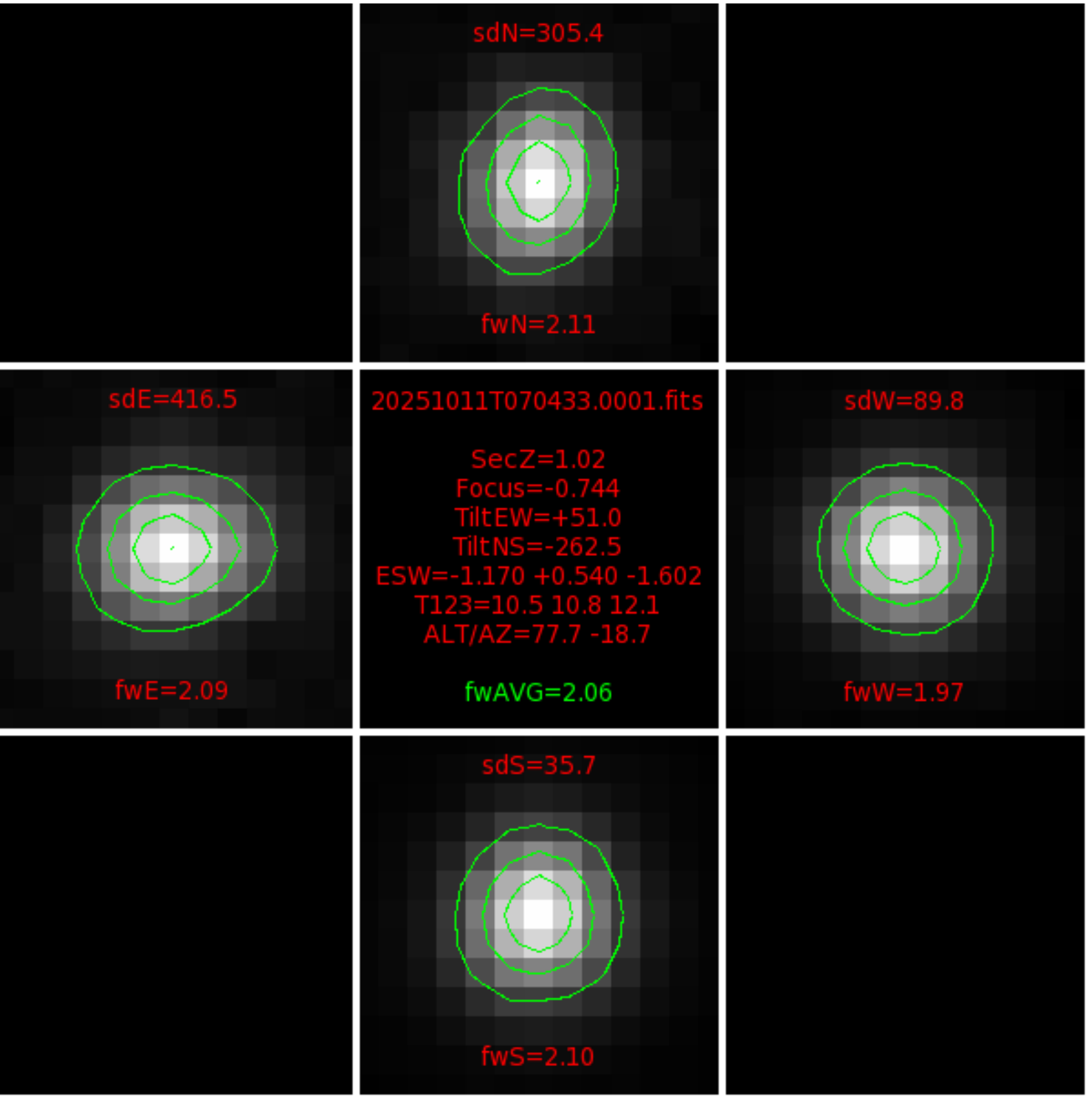
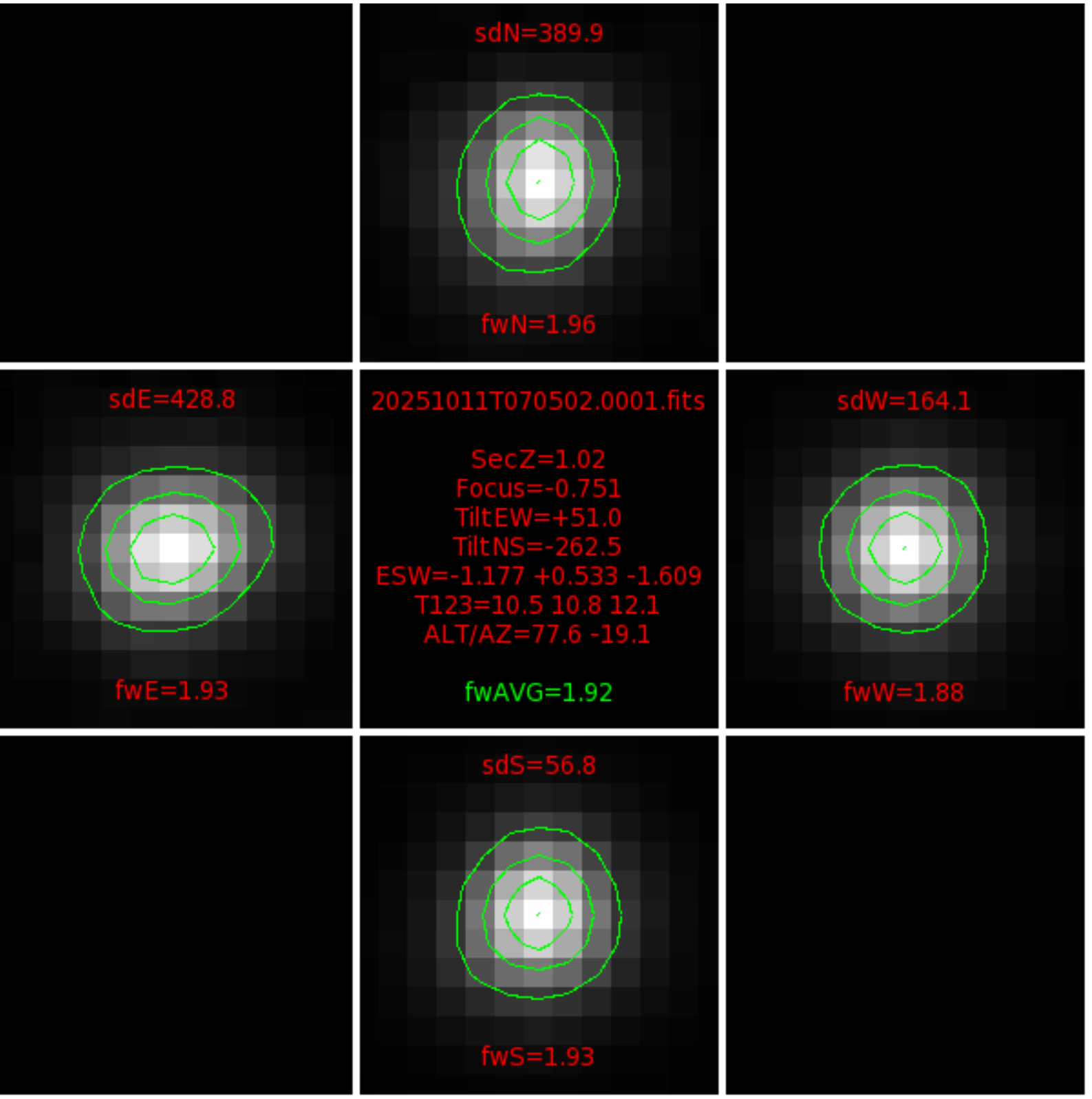
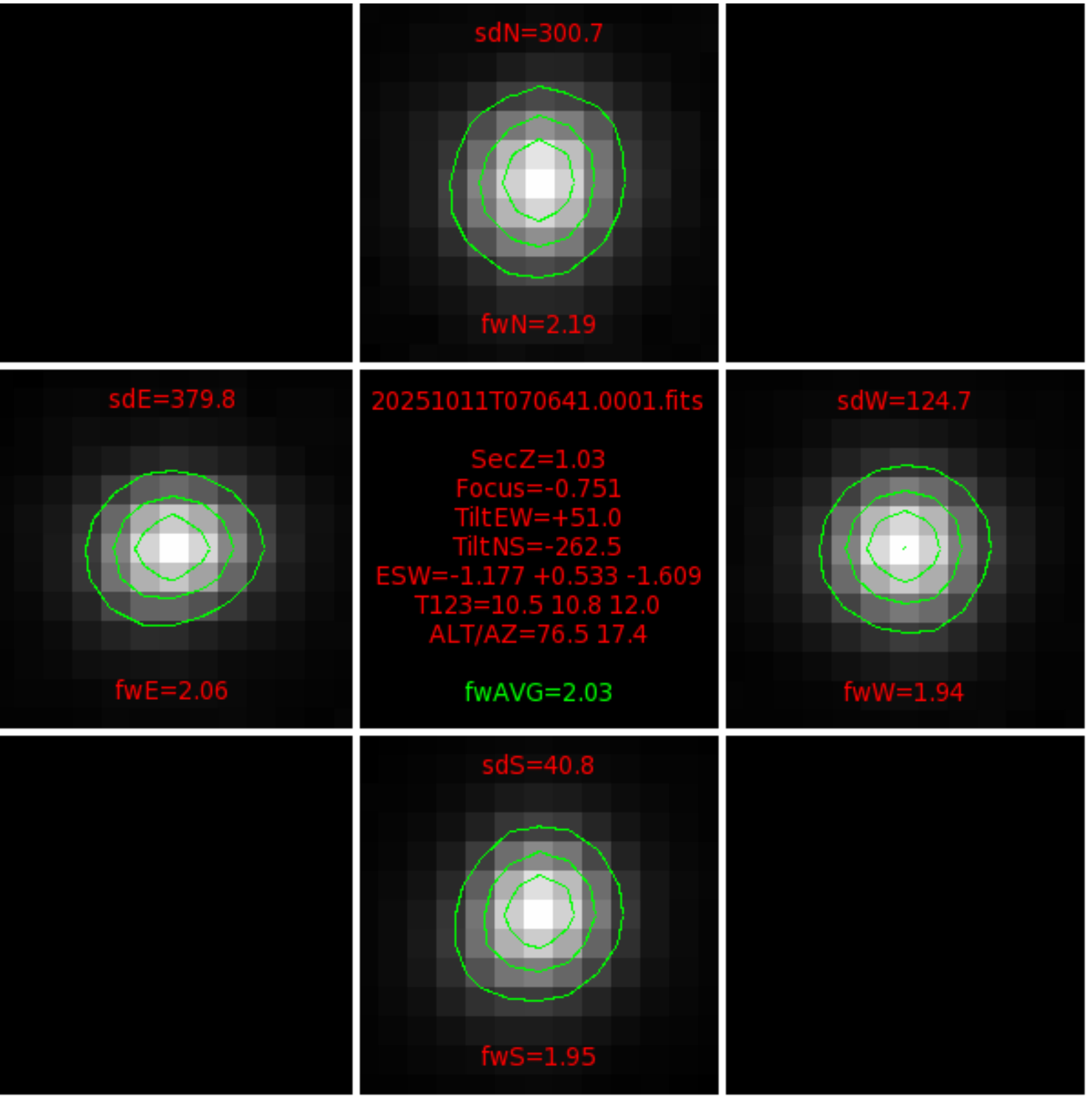

sdN=158.0
fwN=2.52
sdE=306.7
fwE=2.55
20251011T070229.0001.fits
SecZ=1.02
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=77.8 -17.0
fwAVG=2.49
sdW=33.4
fwW=2.41
sdS=19.2
fwS=2.48
0 0 0 0 0 0 0 0 0


sdN=202.8
fwN=2.24
sdE=316.2
fwE=2.22
20251011T070257.0001.fits
SecZ=1.02
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.0
ALT/AZ=77.8 -17.4
fwAVG=2.15
sdW=49.3
fwW=2.01
sdS=22.8
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=305.4
fwN=2.11
sdE=416.5
fwE=2.09
20251011T070433.0001.fits
SecZ=1.02
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.5 10.8 12.1
ALT/AZ=77.7 -18.7
fwAVG=2.06
sdW=89.8
fwW=1.97
sdS=35.7
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=389.9
fwN=1.96
sdE=428.8
fwE=1.93
20251011T070502.0001.fits
SecZ=1.02
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.1
ALT/AZ=77.6 -19.1
fwAVG=1.92
sdW=164.1
fwW=1.88
sdS=56.8
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=300.7
fwN=2.19
sdE=379.8
fwE=2.06
20251011T070641.0001.fits
SecZ=1.03
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.0
ALT/AZ=76.5 17.4
fwAVG=2.03
sdW=124.7
fwW=1.94
sdS=40.8
fwS=1.95
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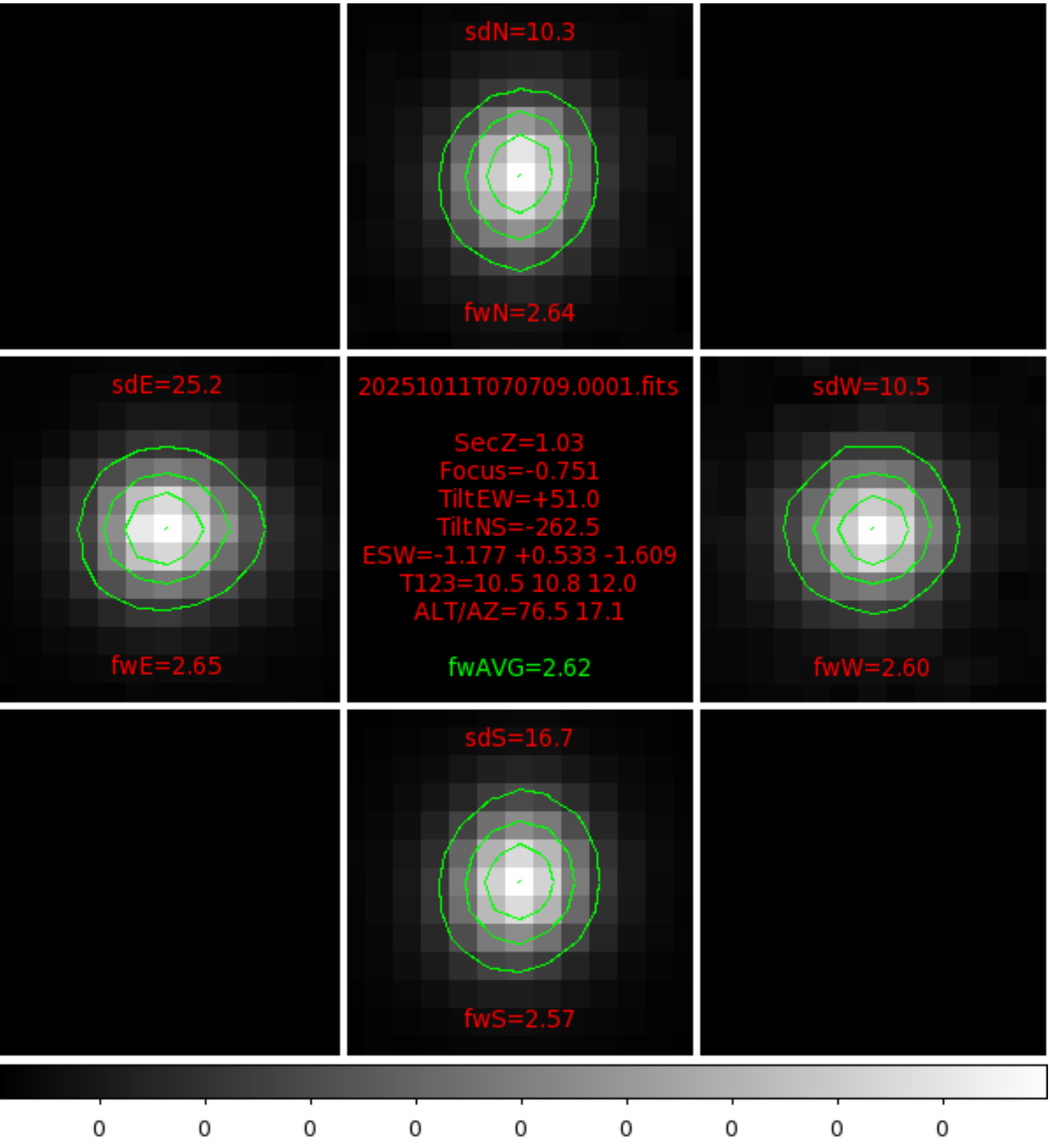
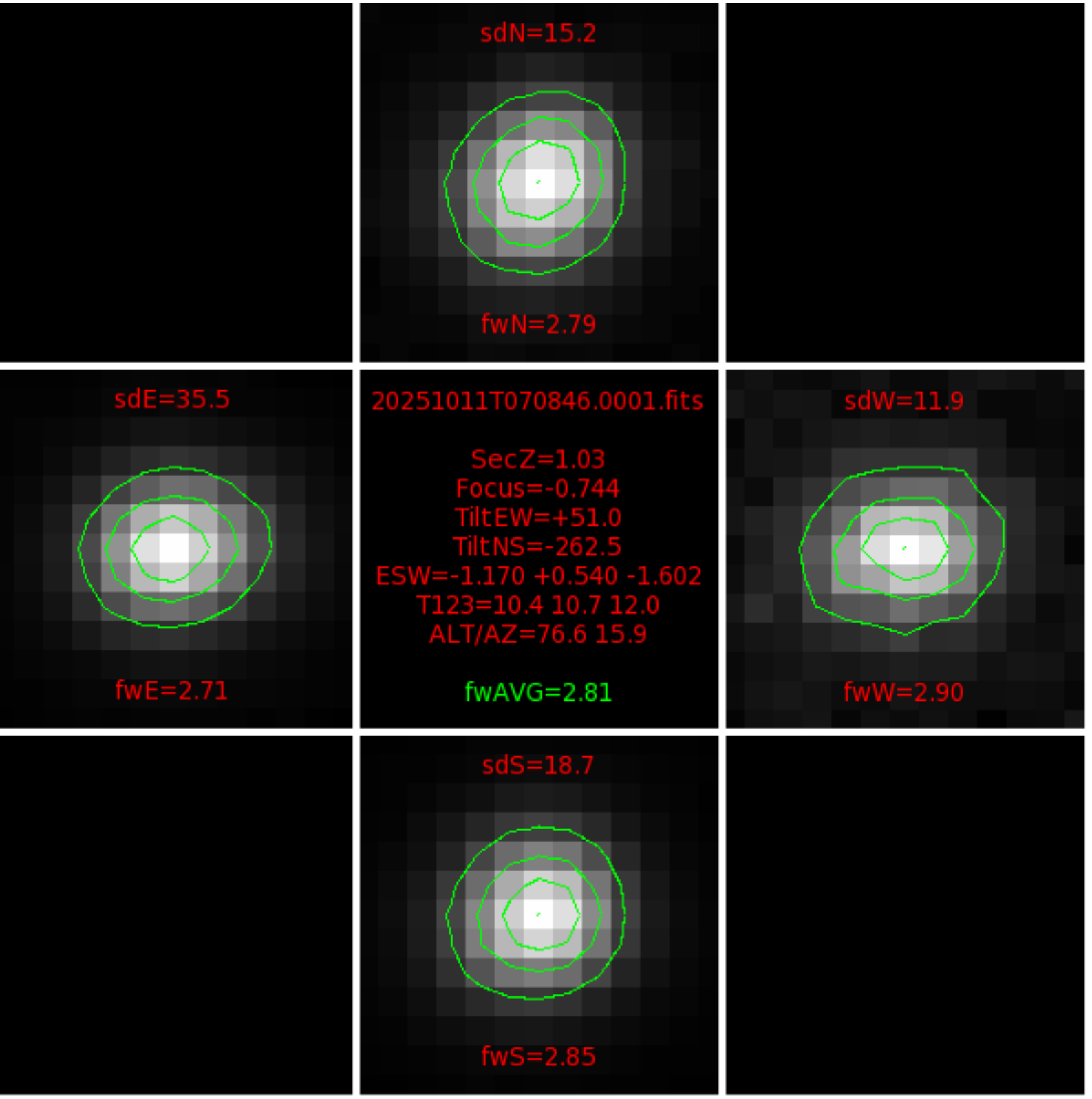

sdN=10.3
fwN=2.64
sdE=25.2
fwE=2.65
20251011T070709.0001.fits
SecZ=1.03
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.8 12.0
ALT/AZ=76.5 17.1
fwAVG=2.62
sdW=10.5
fwW=2.60
sdS=16.7
fwS=2.57
0 0 0 0 0 0 0 0 0


sdN=15.2
fwN=2.79
sdE=35.5
fwE=2.71
20251011T070846.0001.fits
SecZ=1.03
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.4 10.7 12.0
ALT/AZ=76.6 15.9
fwAVG=2.81
sdW=11.9
fwW=2.90
sdS=18.7
fwS=2.85
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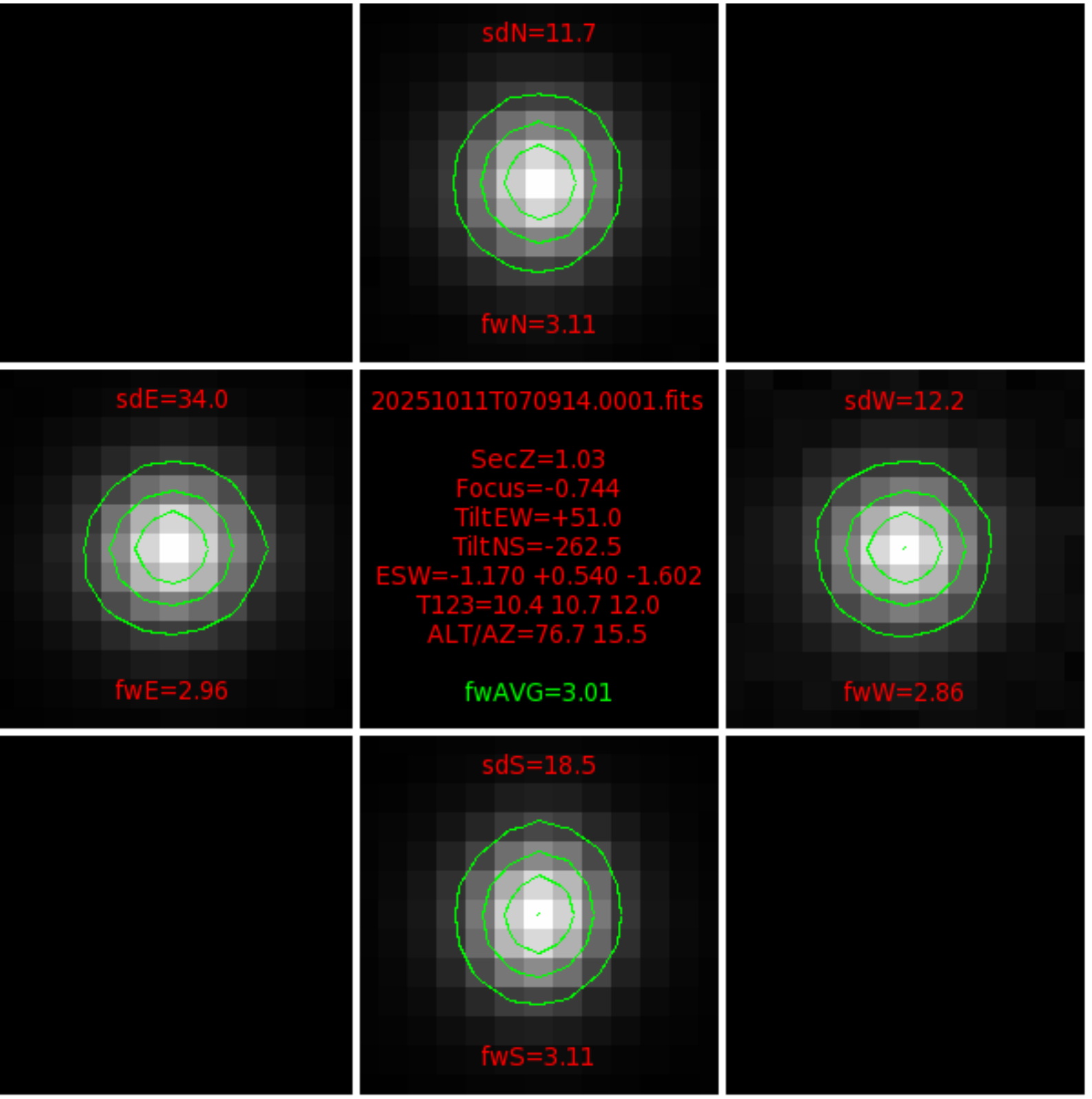
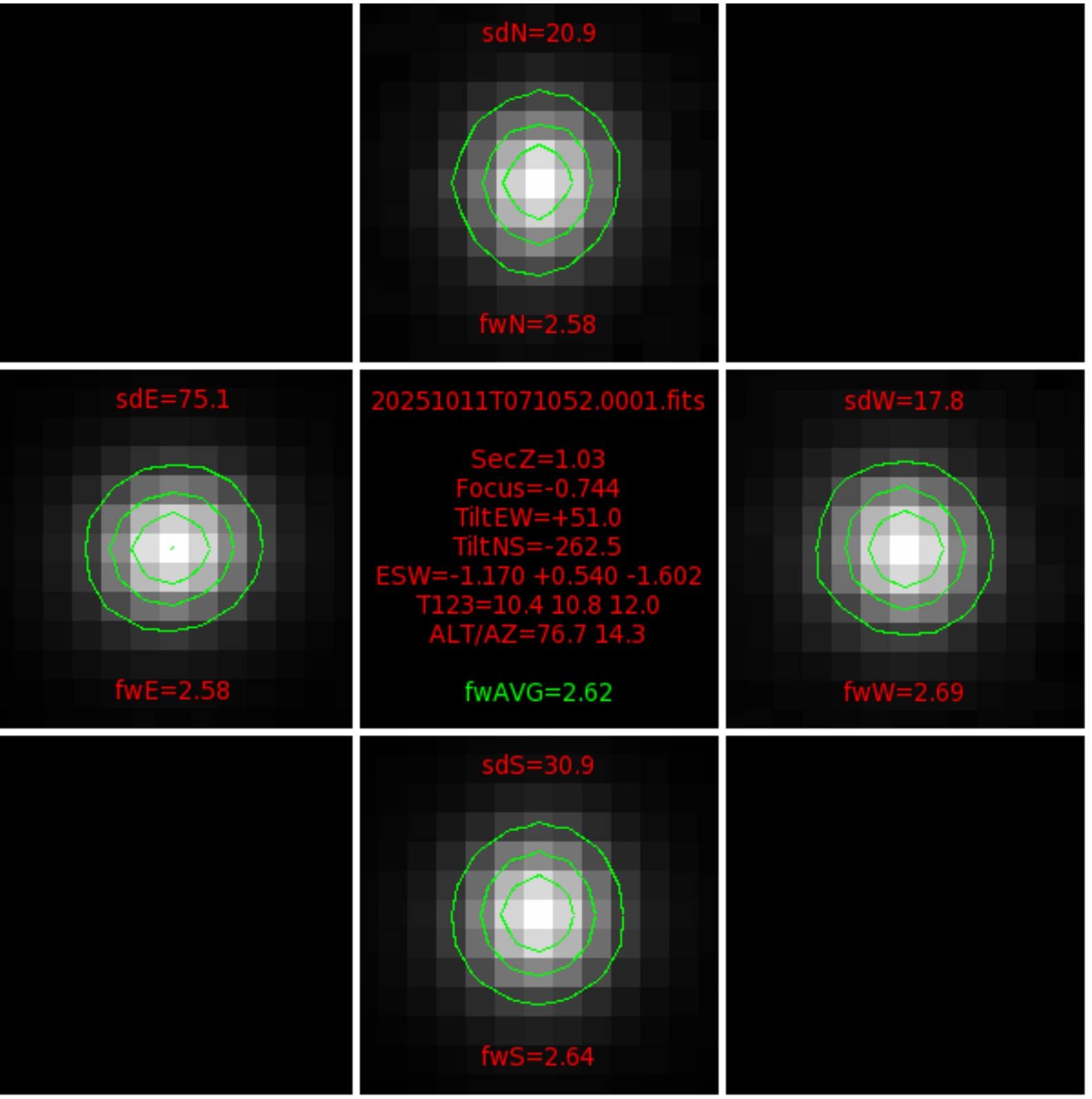

sdN=11.7
fwN=3.11
sdE=34.0
fwE=2.96
20251011T070914.0001.fits
SecZ=1.03
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.4 10.7 12.0
ALT/AZ=76.7 15.5
fwAVG=3.01
sdW=12.2
fwW=2.86
sdS=18.5
fwS=3.11
0 0 0 0 0 0 0 0 0


sdN=20.9
fwN=2.58
sdE=75.1
fwE=2.58
20251011T071052.0001.fits
SecZ=1.03
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.4 10.8 12.0
ALT/AZ=76.7 14.3
fwAVG=2.62
sdW=17.8
fwW=2.69
sdS=30.9
fwS=2.64
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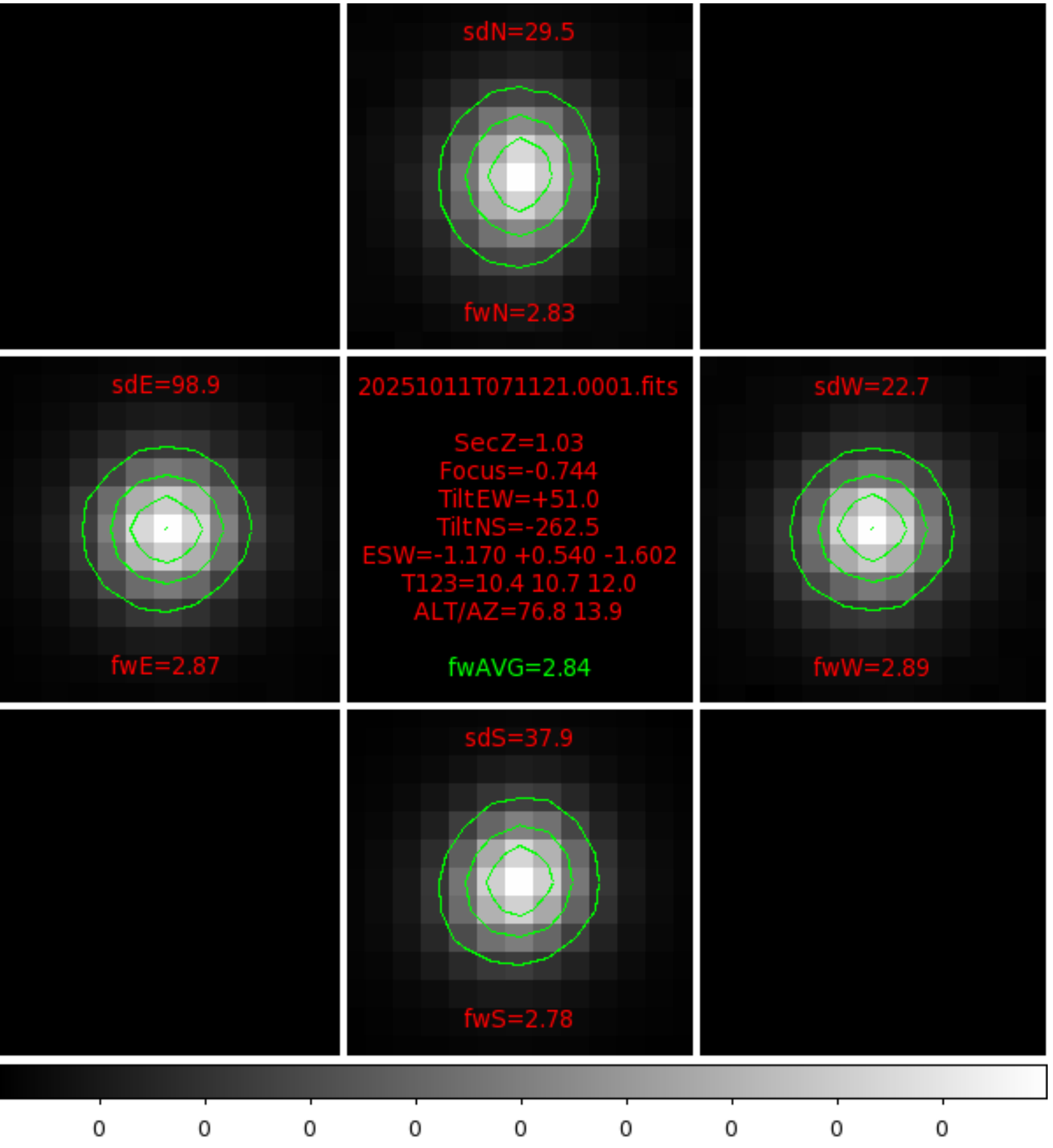
sdN=29.5
fwN=2.83
sdE=98.9
fwE=2.87
20251011T071121.0001.fits
SecZ=1.03
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.4 10.7 12.0
ALT/AZ=76.8 13.9
fwAVG=2.84
sdW=22.7
fwW=2.89
sdS=37.9
fwS=2.78
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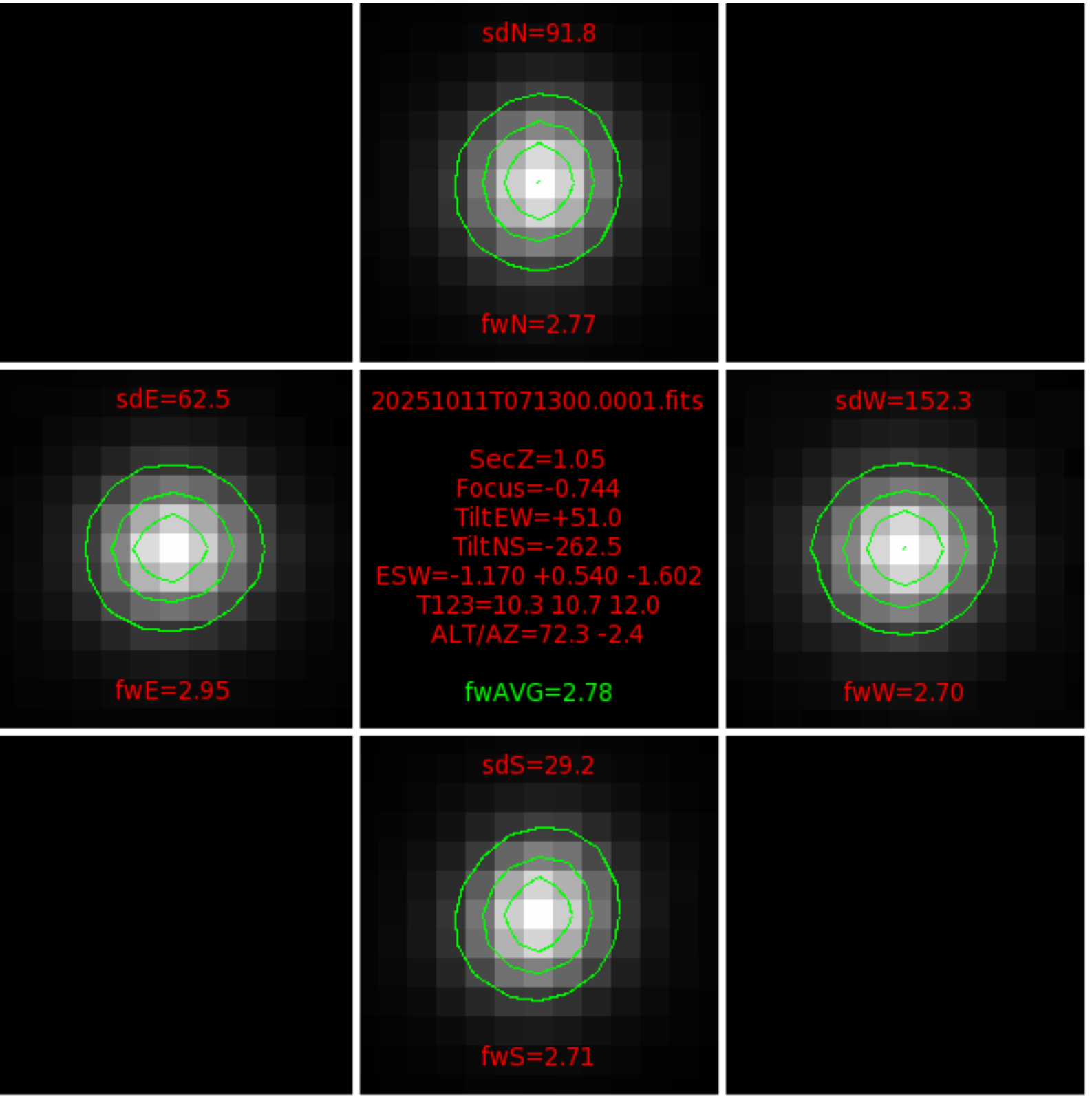
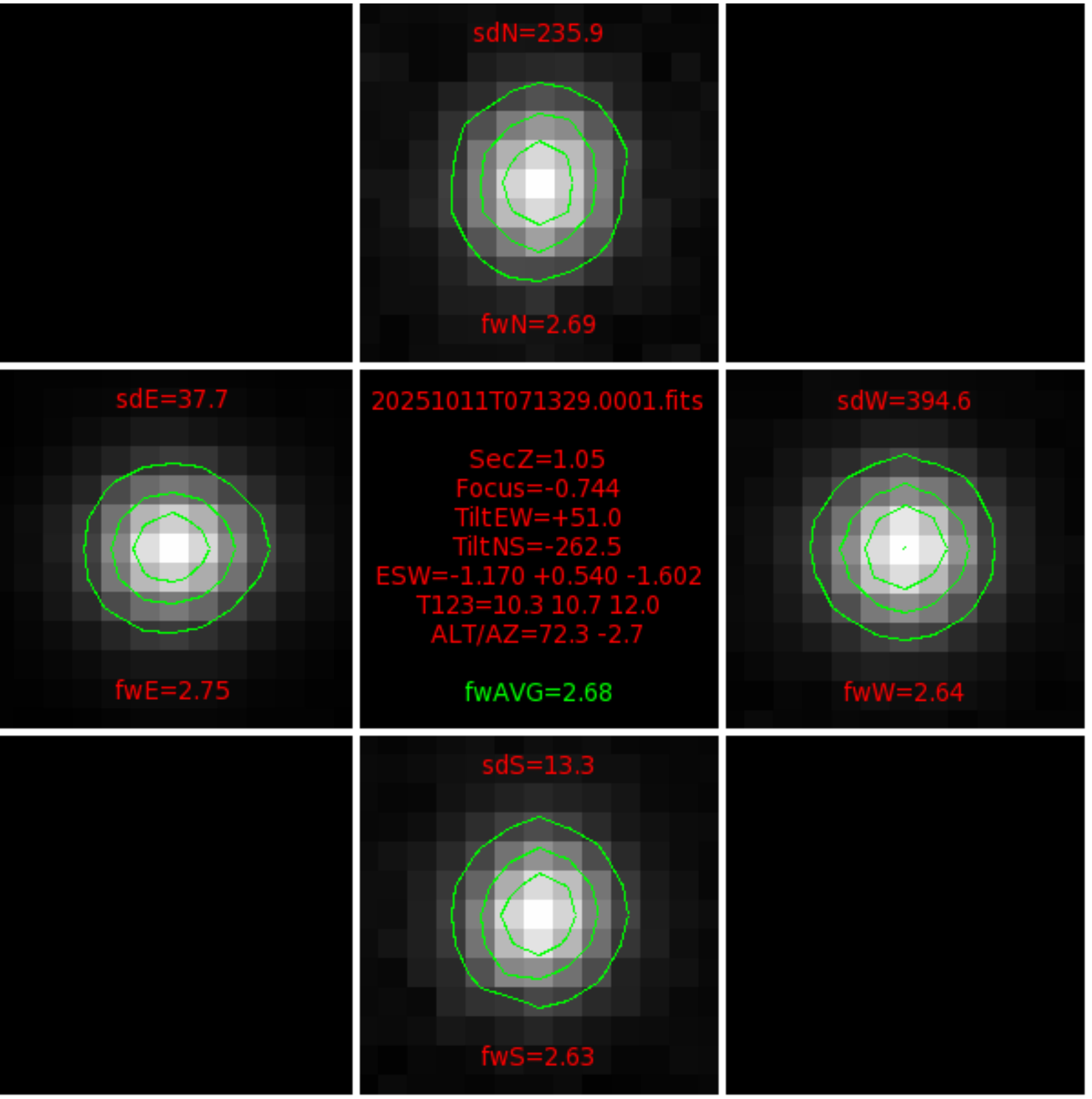
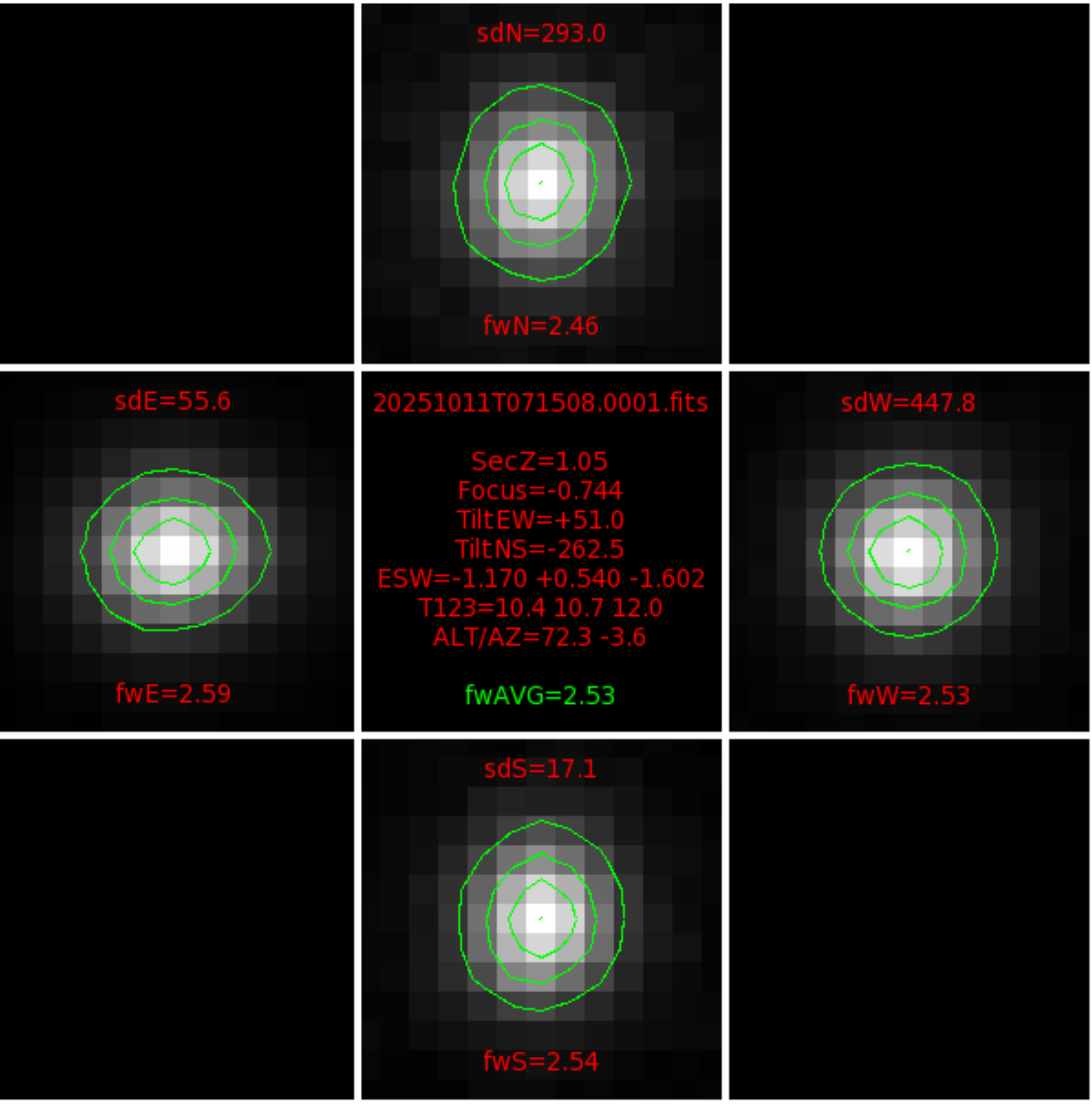

sdN=91.8
fwN=2.77
sdE=62.5
fwE=2.95
20251011T071300.0001.fits
SecZ=1.05
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.3 10.7 12.0
ALT/AZ=72.3 -2.4
fwAVG=2.78
sdW=152.3
fwW=2.70
sdS=29.2
fwS=2.71
0 0 0 0 0 0 0 0 0


sdN=235.9
fwN=2.69
sdE=37.7
fwE=2.75
20251011T071329.0001.fits
SecZ=1.05
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.3 10.7 12.0
ALT/AZ=72.3 -2.7
fwAVG=2.68
sdW=394.6
fwW=2.64
sdS=13.3
fwS=2.63
0 0 0 0 0 0 0 0 0


sdN=293.0
fwN=2.46
sdE=55.6
fwE=2.59
20251011T071508.0001.fits
SecZ=1.05
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.4 10.7 12.0
ALT/AZ=72.3 -3.6
fwAVG=2.53
sdW=447.8
fwW=2.53
sdS=17.1
fwS=2.54
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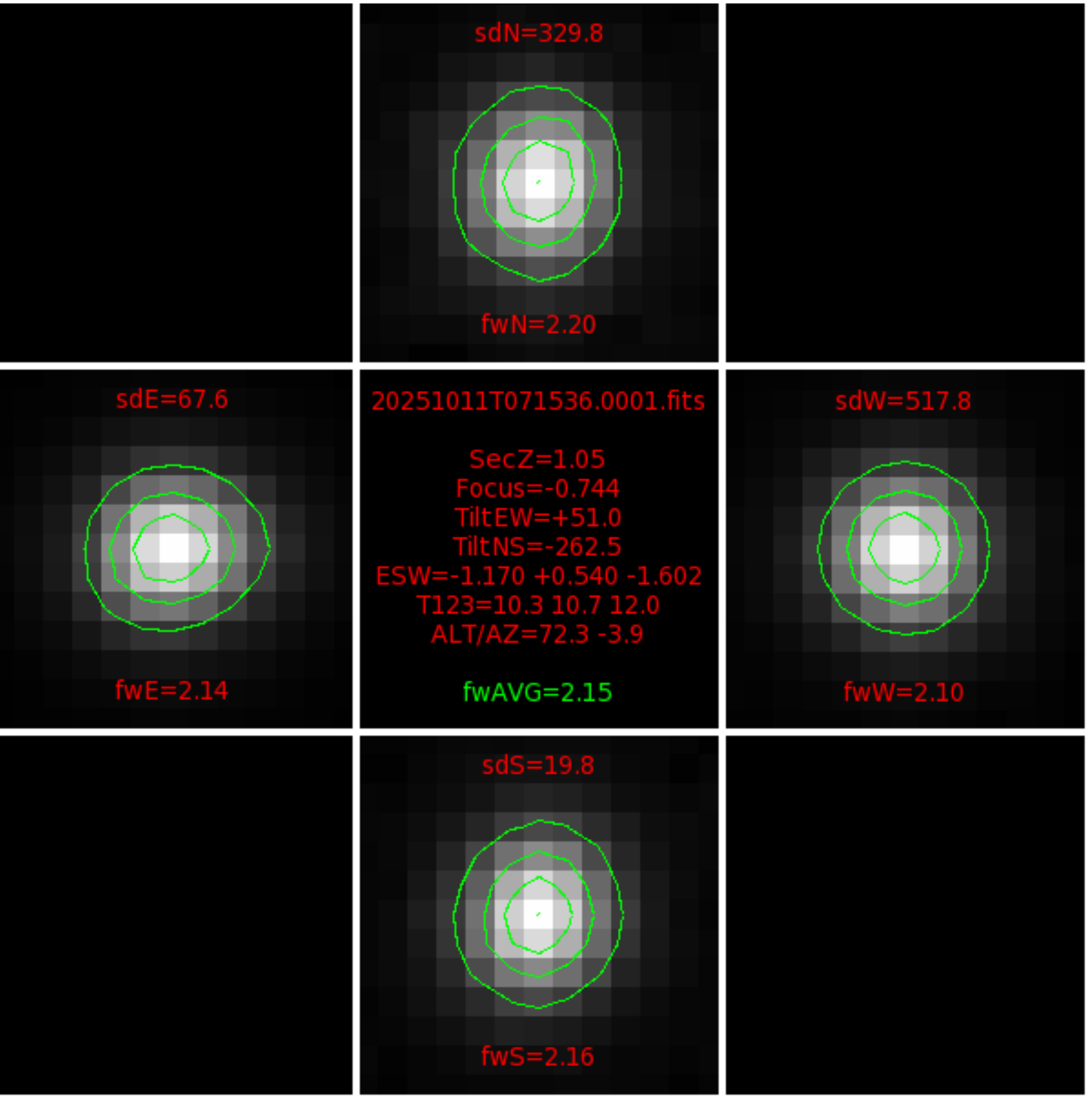
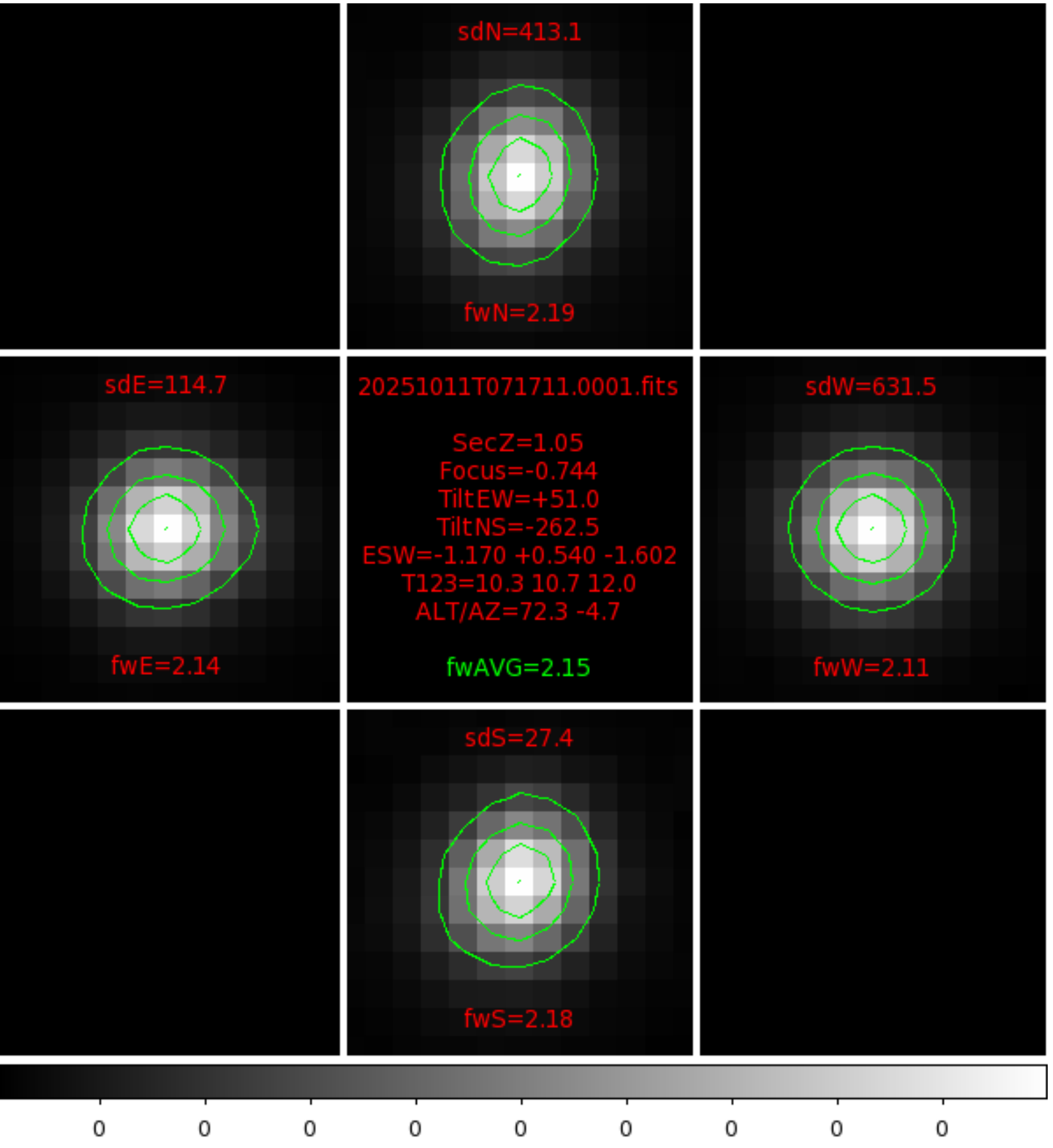

sdN=329.8
fwN=2.20
sdE=67.6
fwE=2.14
20251011T071536.0001.fits
SecZ=1.05
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.3 10.7 12.0
ALT/AZ=72.3 -3.9
fwAVG=2.15
sdW=517.8
fwW=2.10
sdS=19.8
fwS=2.16
0 0 0 0 0 0 0 0 0


sdN=413.1
fwN=2.19
sdE=114.7
fwE=2.14
20251011T071711.0001.fits
SecZ=1.05
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.3 10.7 12.0
ALT/AZ=72.3 -4.7
fwAVG=2.15
sdW=631.5
fwW=2.11
sdS=27.4
fwS=2.18
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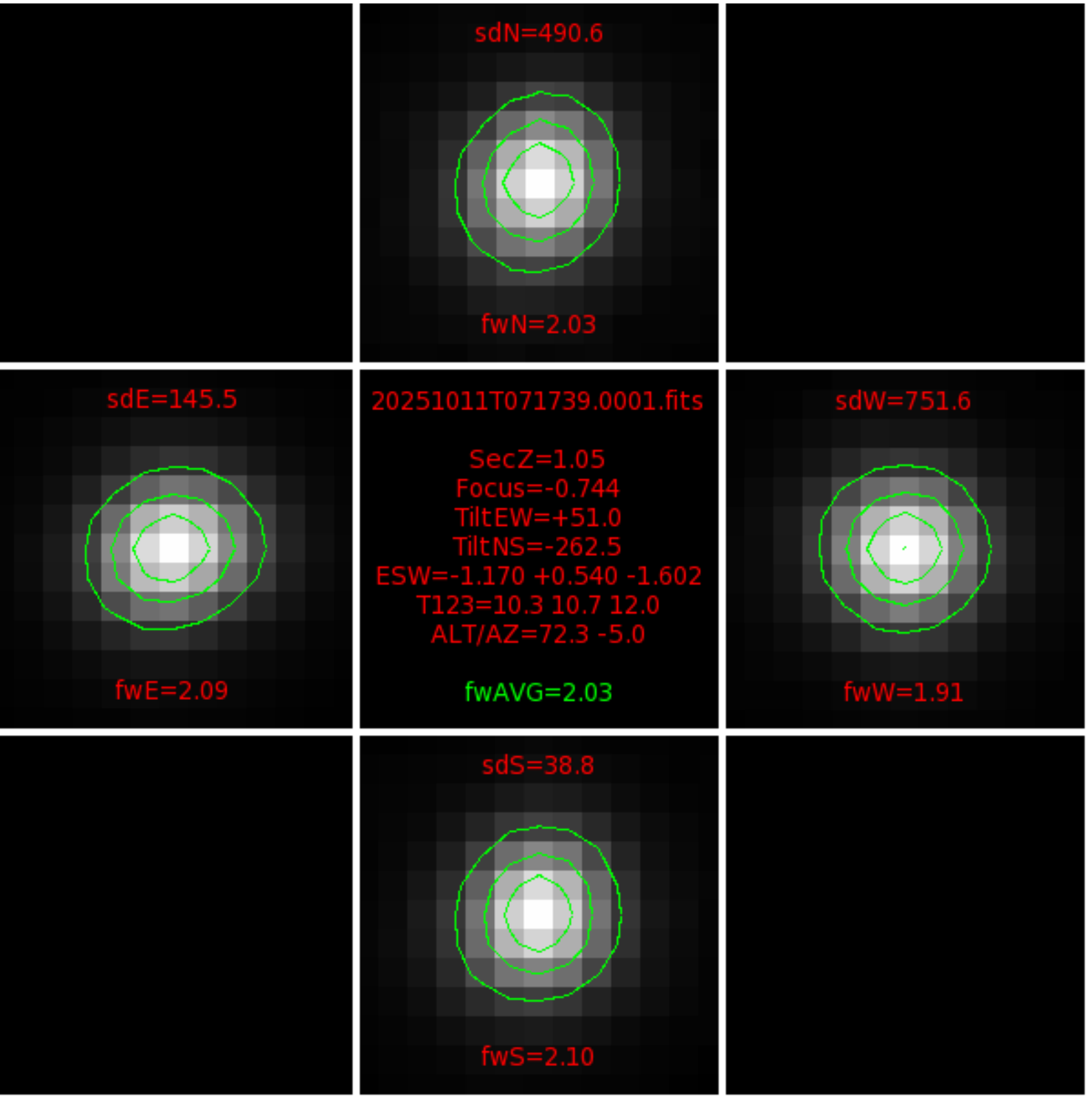
sdN=490.6
fwN=2.03
sdE=145.5
fwE=2.09
20251011T071739.0001.fits
SecZ=1.05
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.3 10.7 12.0
ALT/AZ=72.3 -5.0
fwAVG=2.03
sdW=751.6
fwW=1.91
sdS=38.8
fwS=2.10
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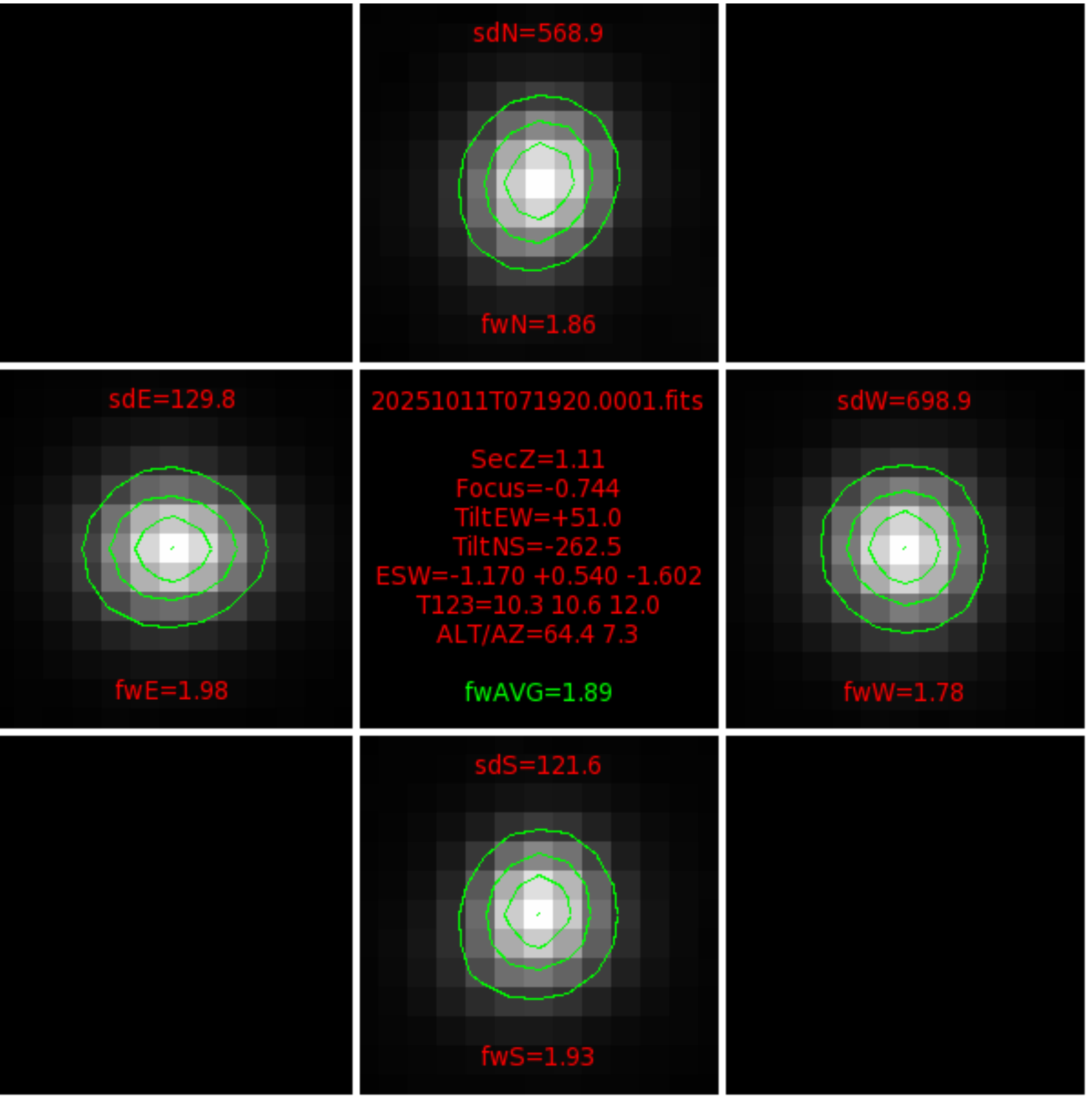
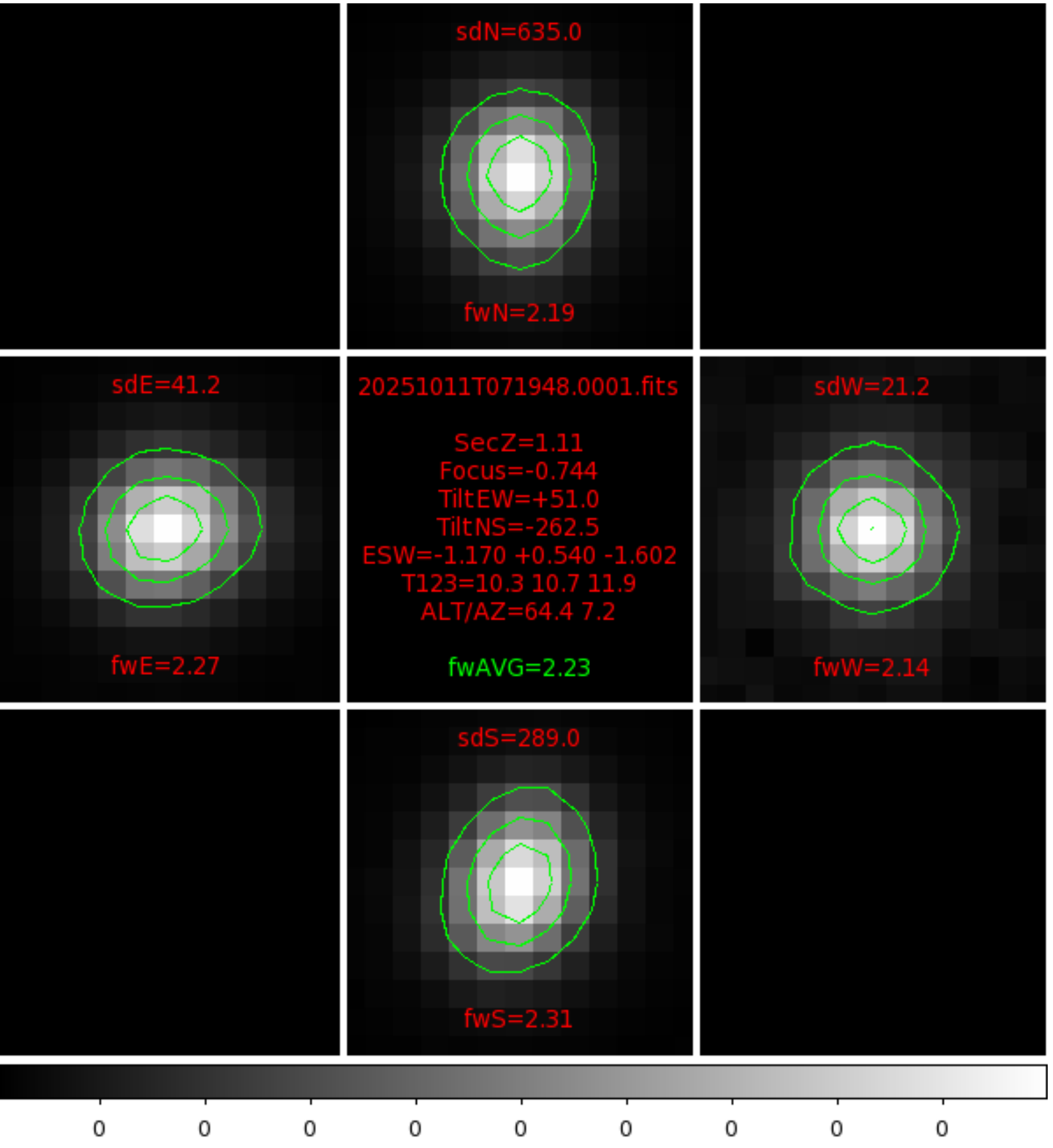

sdN=568.9
fwN=1.86
sdE=129.8
fwE=1.98
20251011T071920.0001.fits
SecZ=1.11
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.3 10.6 12.0
ALT/AZ=64.4 7.3
fwAVG=1.89
sdW=698.9
fwW=1.78
sdS=121.6
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=635.0
fwN=2.19
sdE=41.2
fwE=2.27
20251011T071948.0001.fits
SecZ=1.11
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.3 10.7 11.9
ALT/AZ=64.4 7.2
fwAVG=2.23
sdW=21.2
fwW=2.14
sdS=289.0
fwS=2.31
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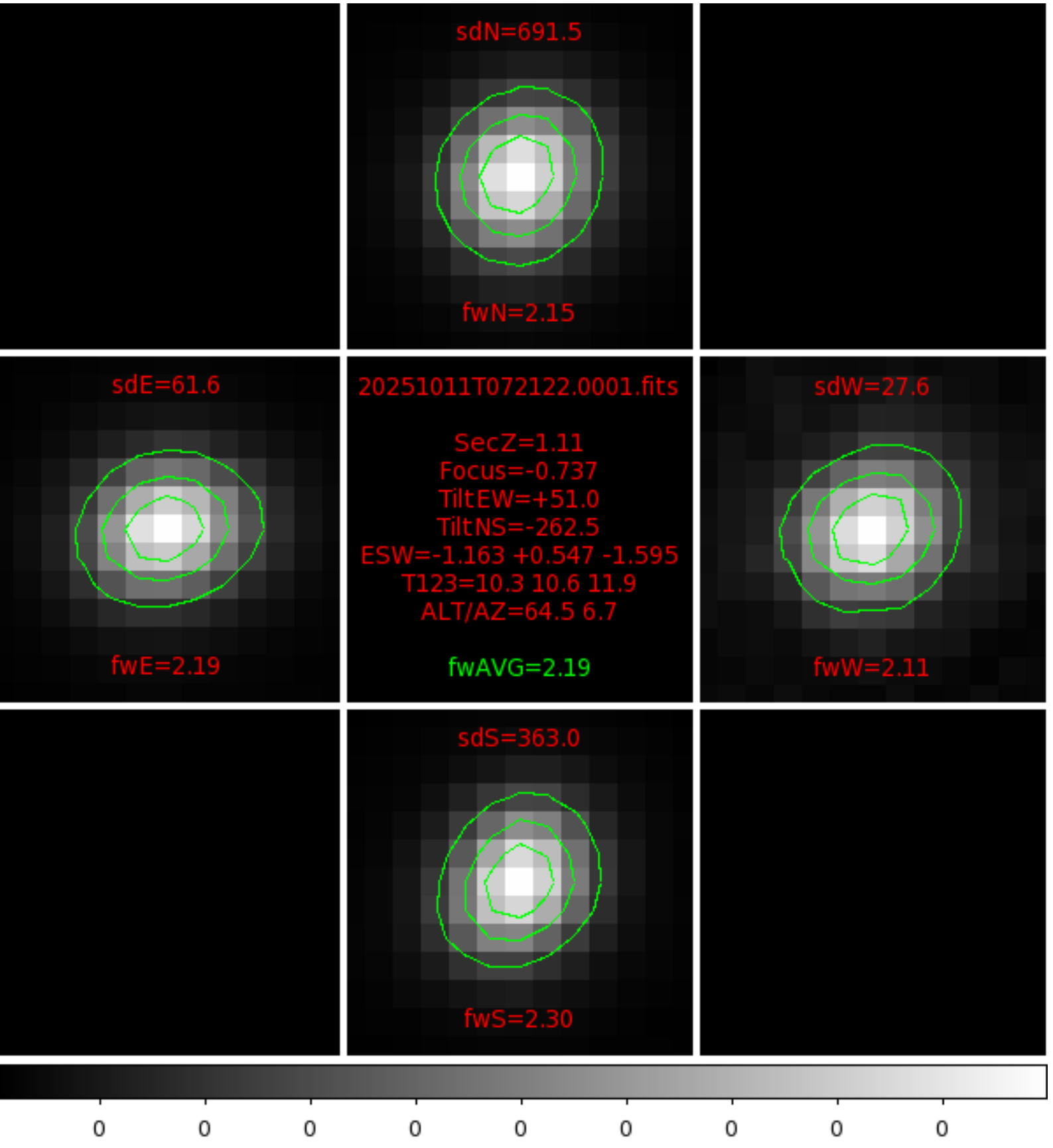
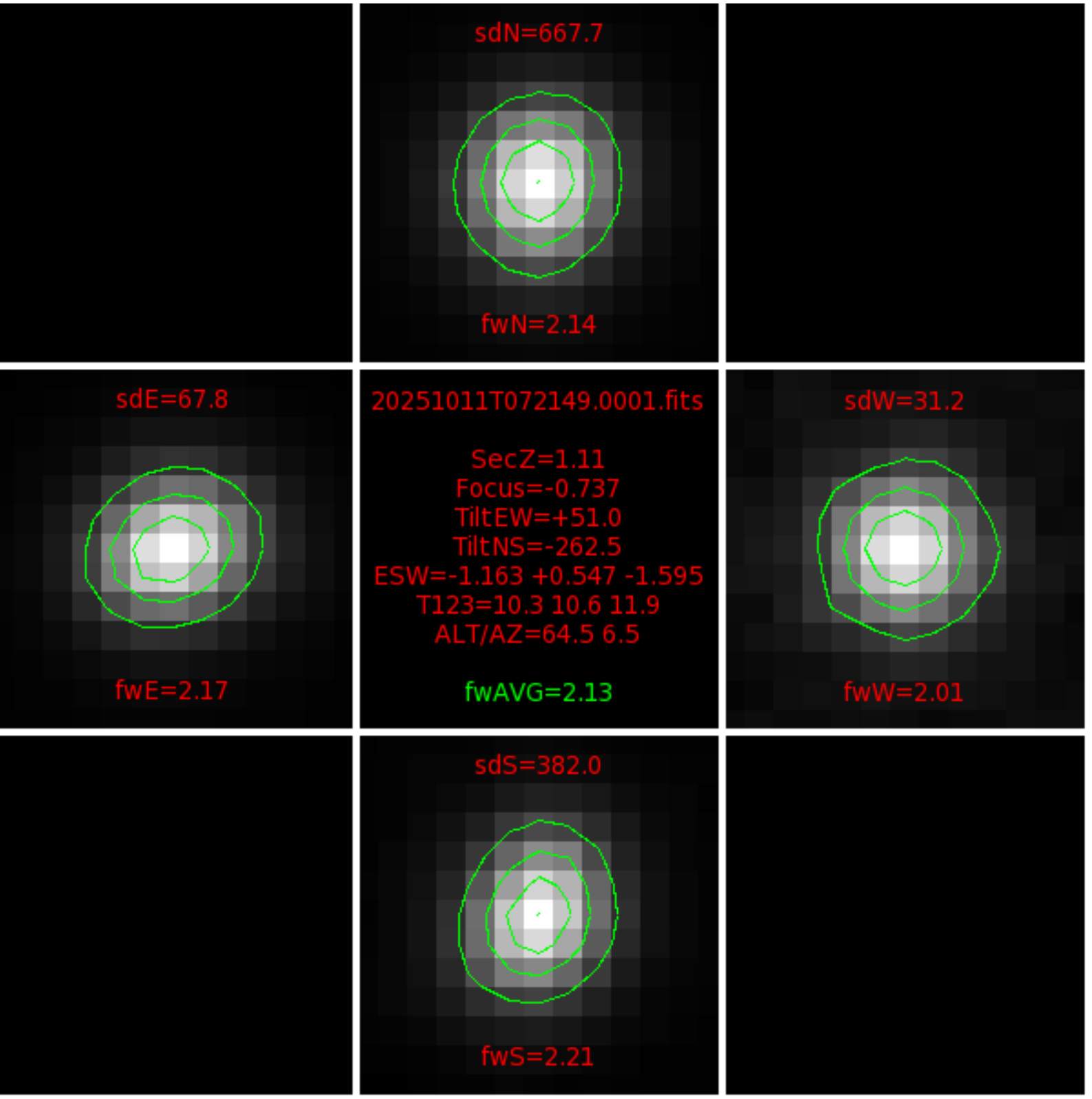
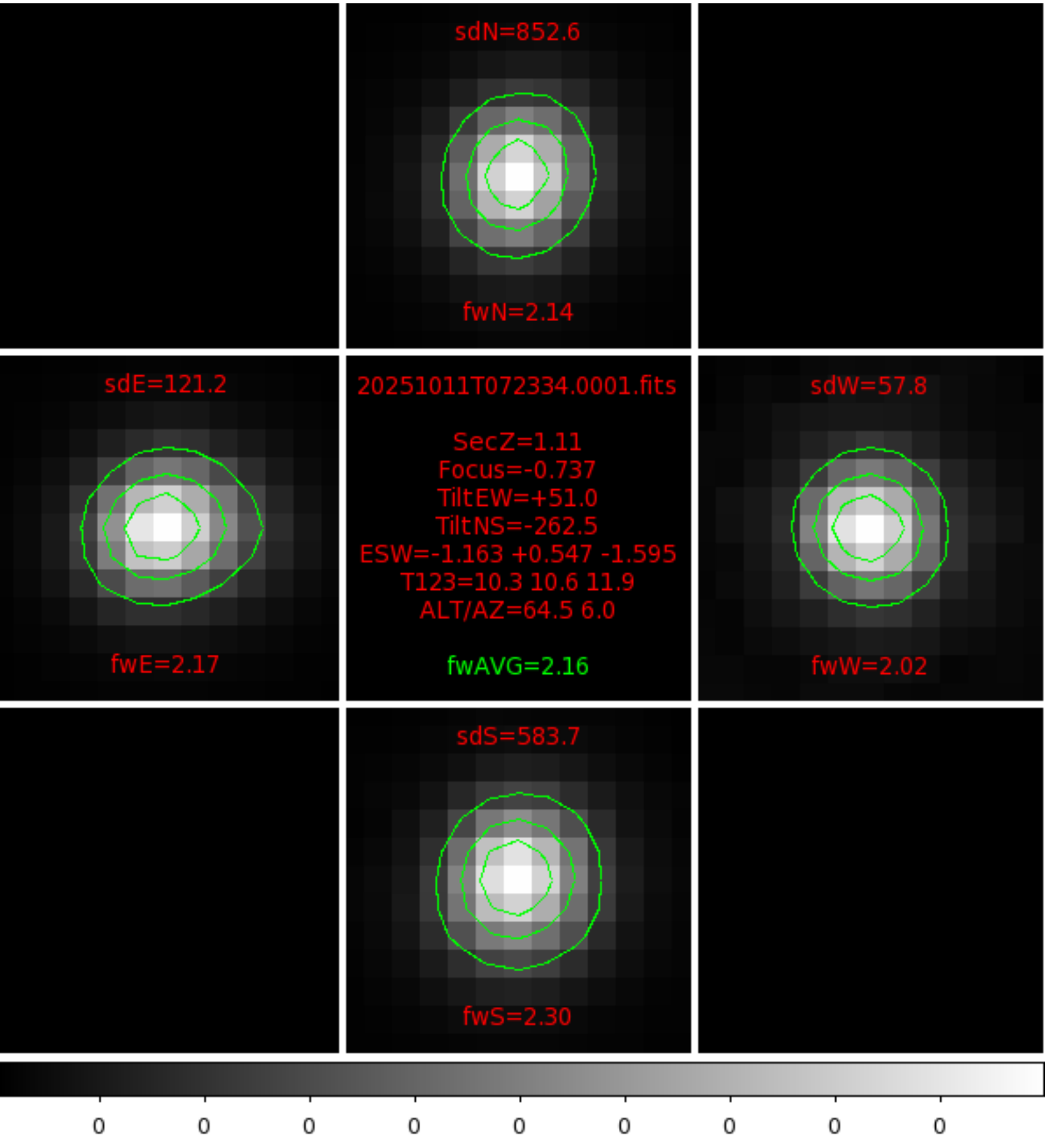

sdN=691.5
fwN=2.15
sdE=61.6
fwE=2.19
20251011T072122.0001.fits
SecZ=1.11
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=64.5 6.7
fwAVG=2.19
sdW=27.6
fwW=2.11
sdS=363.0
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=667.7
fwN=2.14
sdE=67.8
fwE=2.17
20251011T072149.0001.fits
SecZ=1.11
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=64.5 6.5
fwAVG=2.13
sdW=31.2
fwW=2.01
sdS=382.0
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=852.6
fwN=2.14
sdE=121.2
fwE=2.17
20251011T072334.0001.fits
SecZ=1.11
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=64.5 6.0
fwAVG=2.16
sdW=57.8
fwW=2.02
sdS=583.7
fwS=2.30
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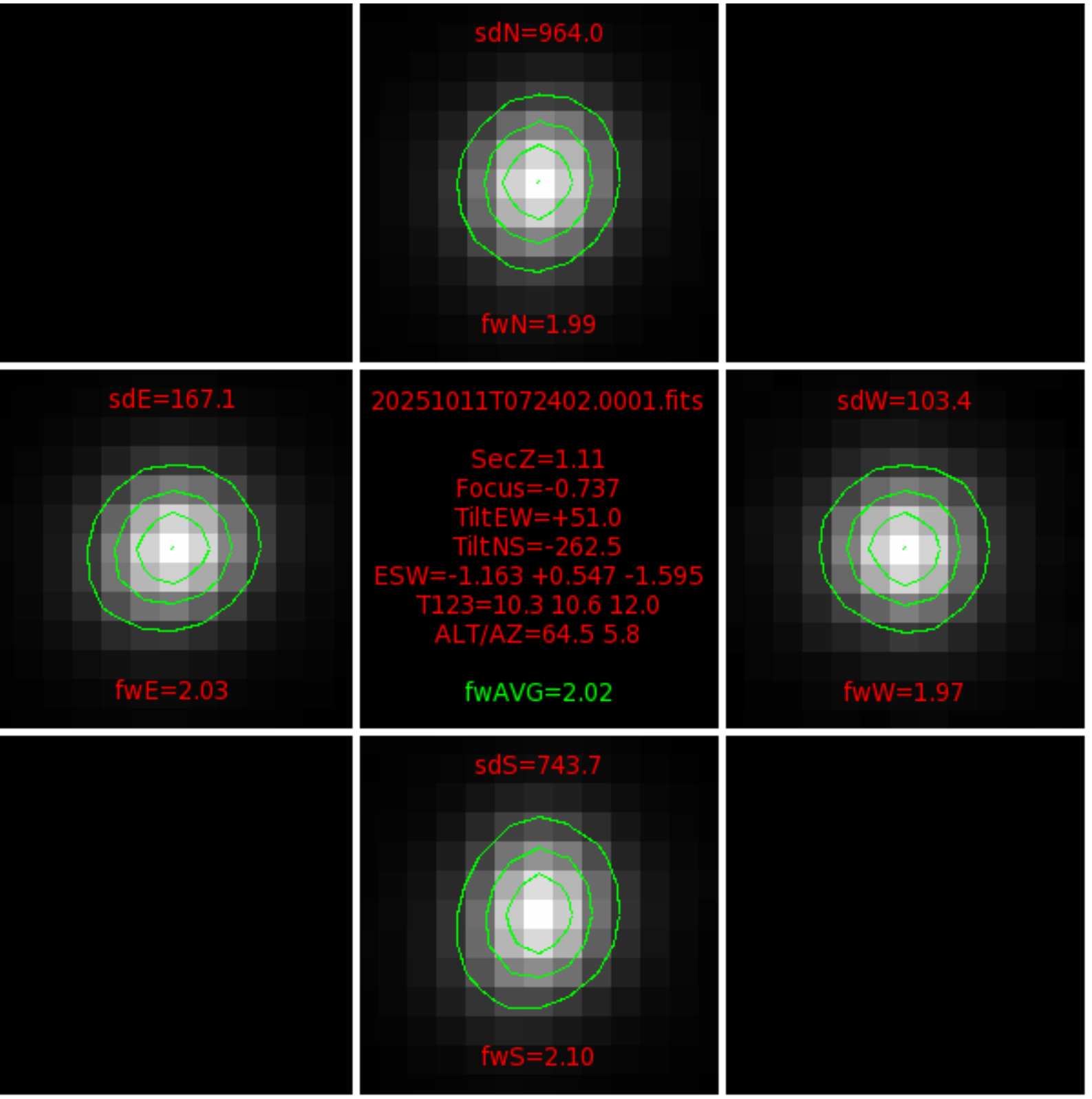
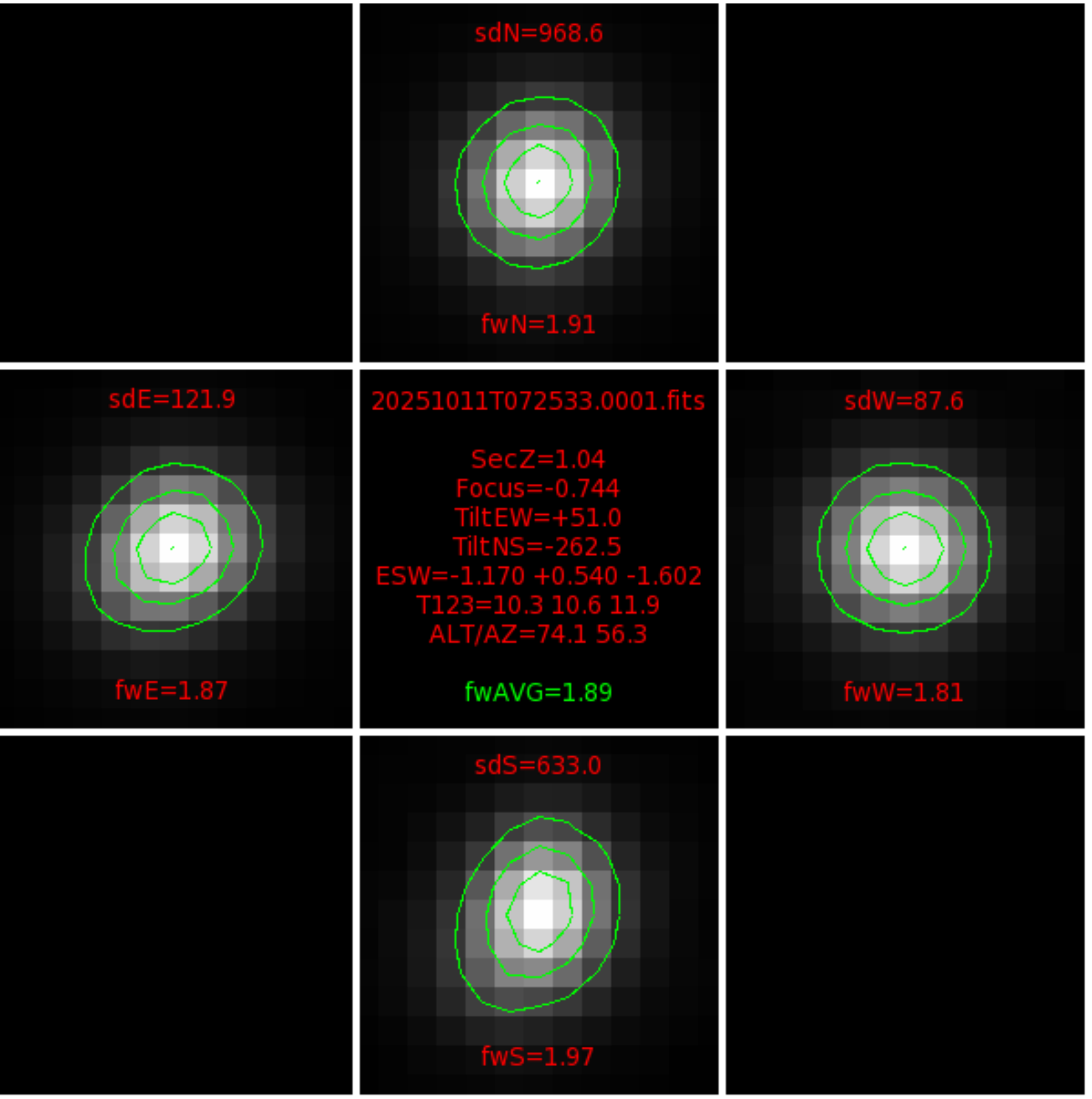

sdN=964.0
fwN=1.99
sdE=167.1
fwE=2.03
20251011T072402.0001.fits
SecZ=1.11
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 12.0
ALT/AZ=64.5 5.8
fwAVG=2.02
sdW=103.4
fwW=1.97
sdS=743.7
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=968.6
fwN=1.91
sdE=121.9
fwE=1.87
20251011T072533.0001.fits
SecZ=1.04
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.3 10.6 11.9
ALT/AZ=74.1 56.3
fwAVG=1.89
sdW=87.6
fwW=1.81
sdS=633.0
fwS=1.97
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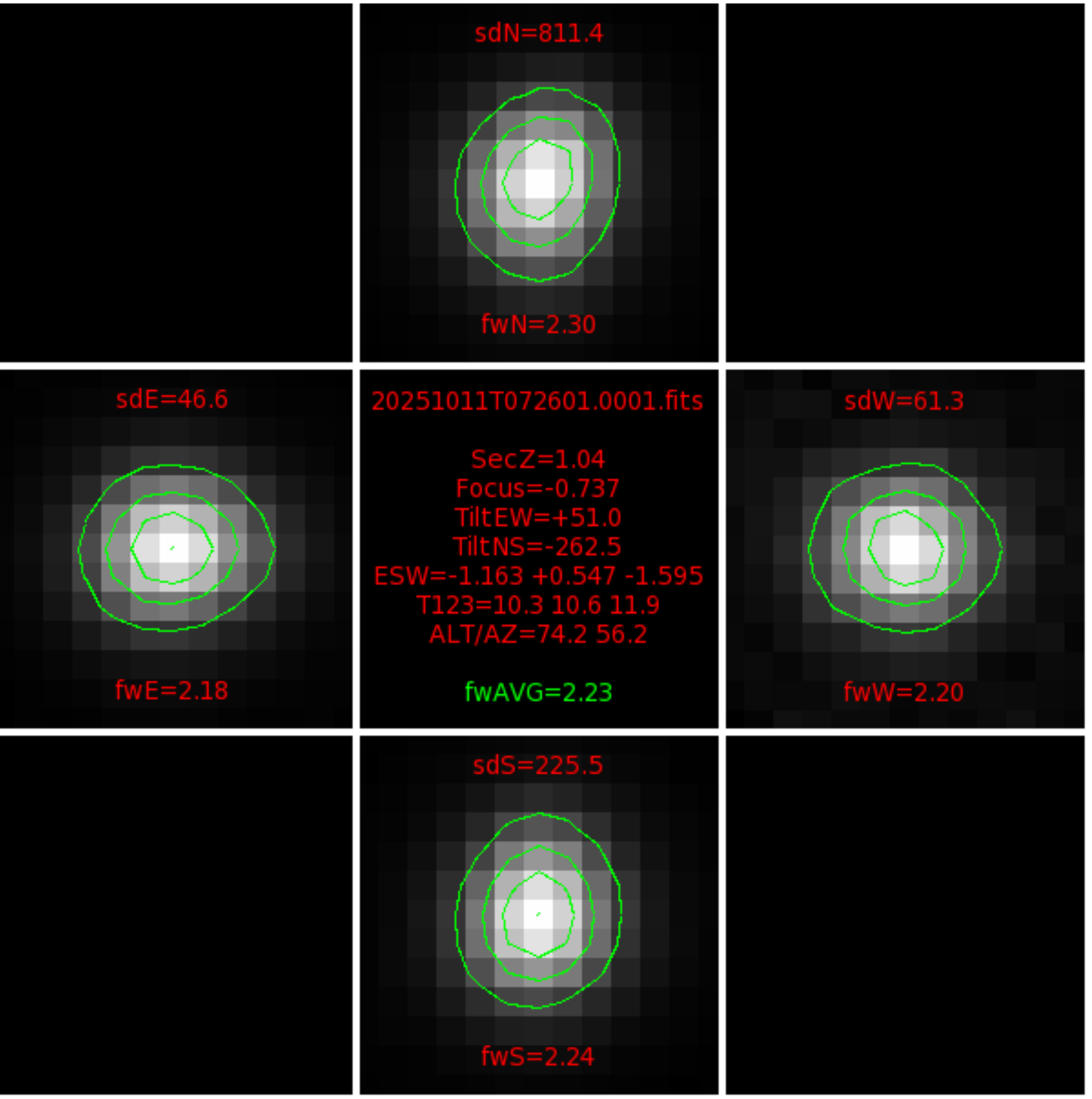
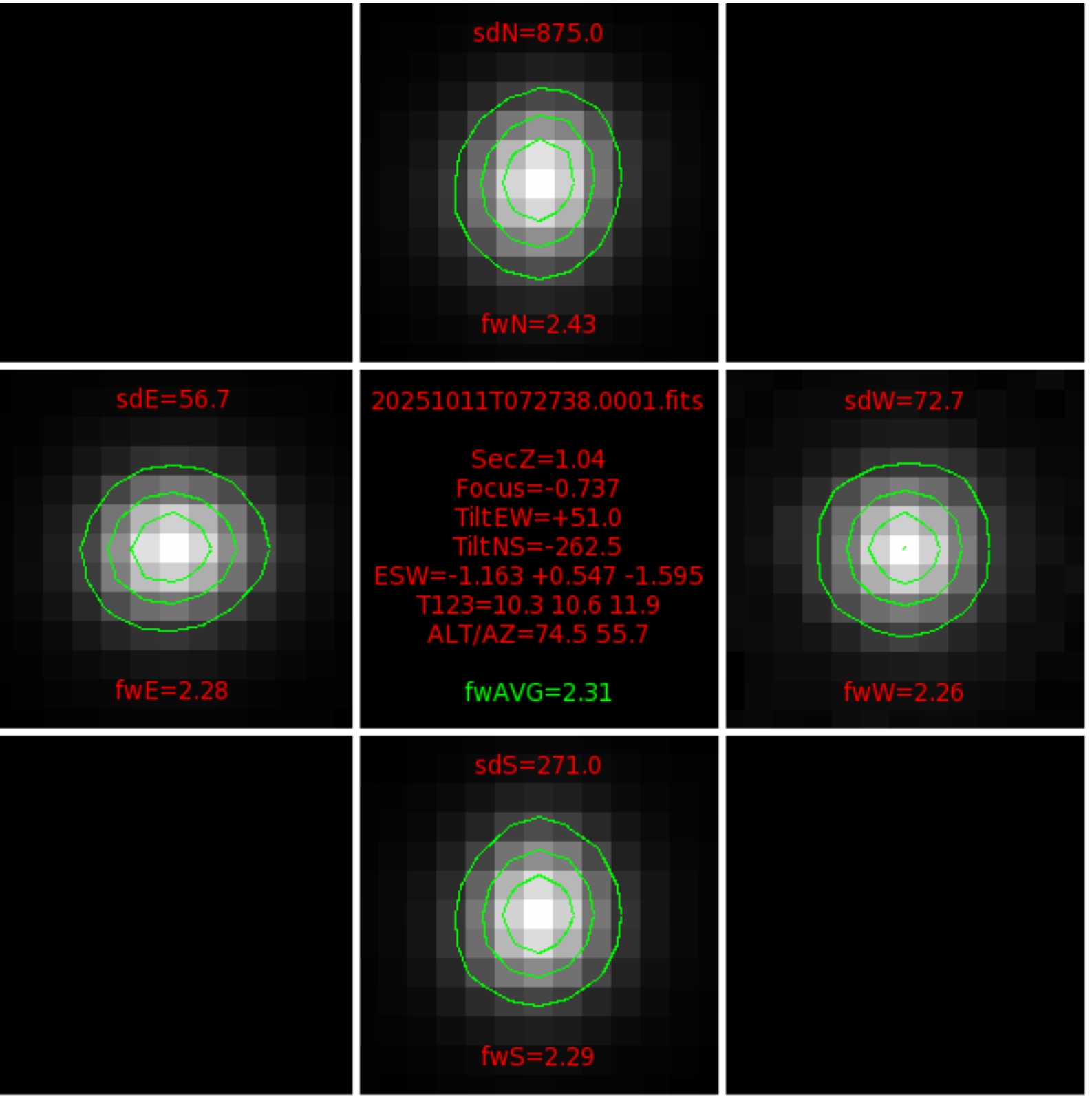

sdN=811.4
fwN=2.30
sdE=46.6
fwE=2.18
20251011T072601.0001.fits
SecZ=1.04
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=74.2 56.2
fwAVG=2.23
sdW=61.3
fwW=2.20
sdS=225.5
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=875.0
fwN=2.43
sdE=56.7
fwE=2.28
20251011T072738.0001.fits
SecZ=1.04
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=74.5 55.7
fwAVG=2.31
sdW=72.7
fwW=2.26
sdS=271.0
fwS=2.29
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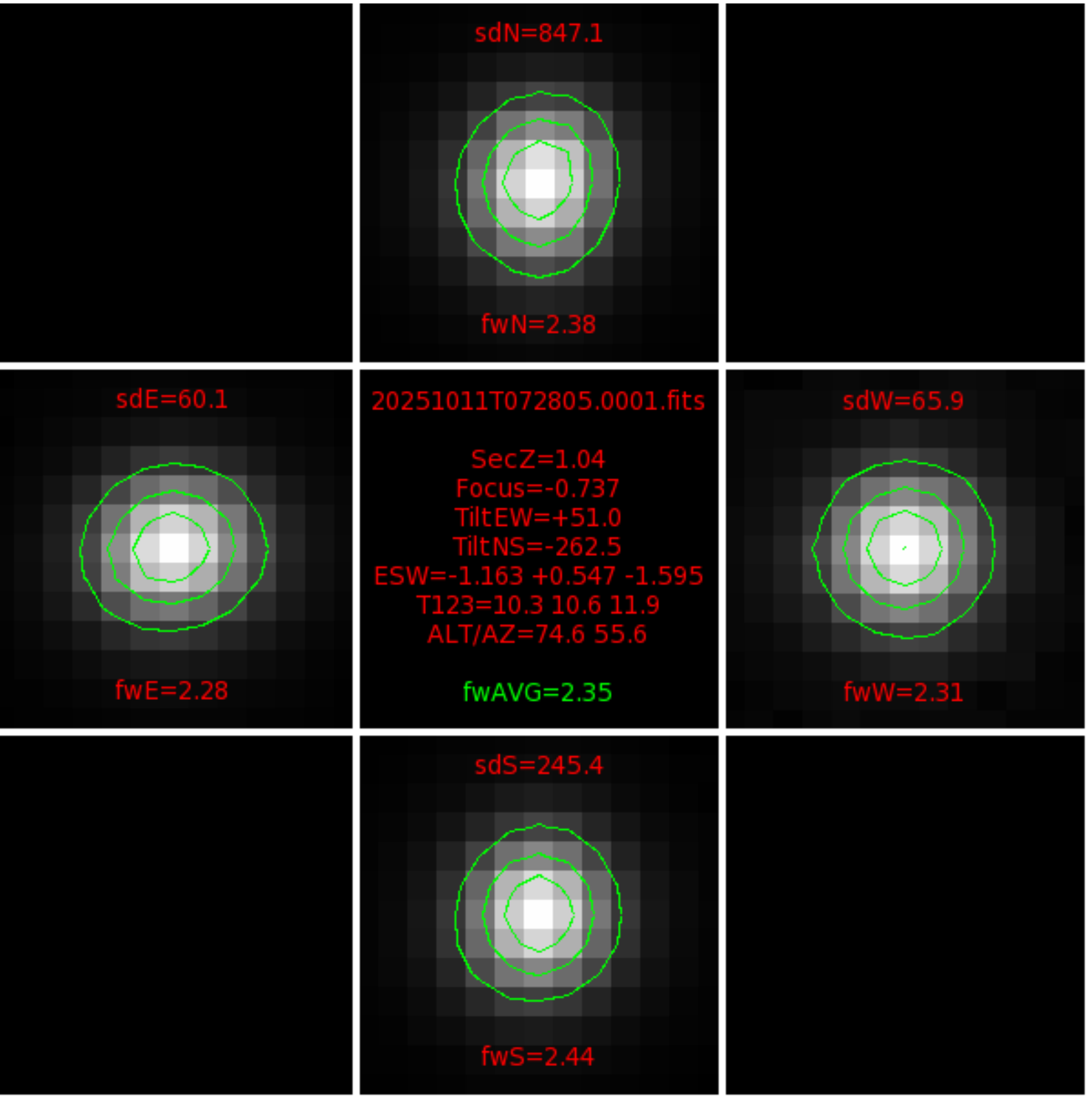
sdN=847.1
fwN=2.38
sdE=60.1
fwE=2.28
20251011T072805.0001.fits
SecZ=1.04
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=74.6 55.6
fwAVG=2.35
sdW=65.9
fwW=2.31
sdS=245.4
fwS=2.44
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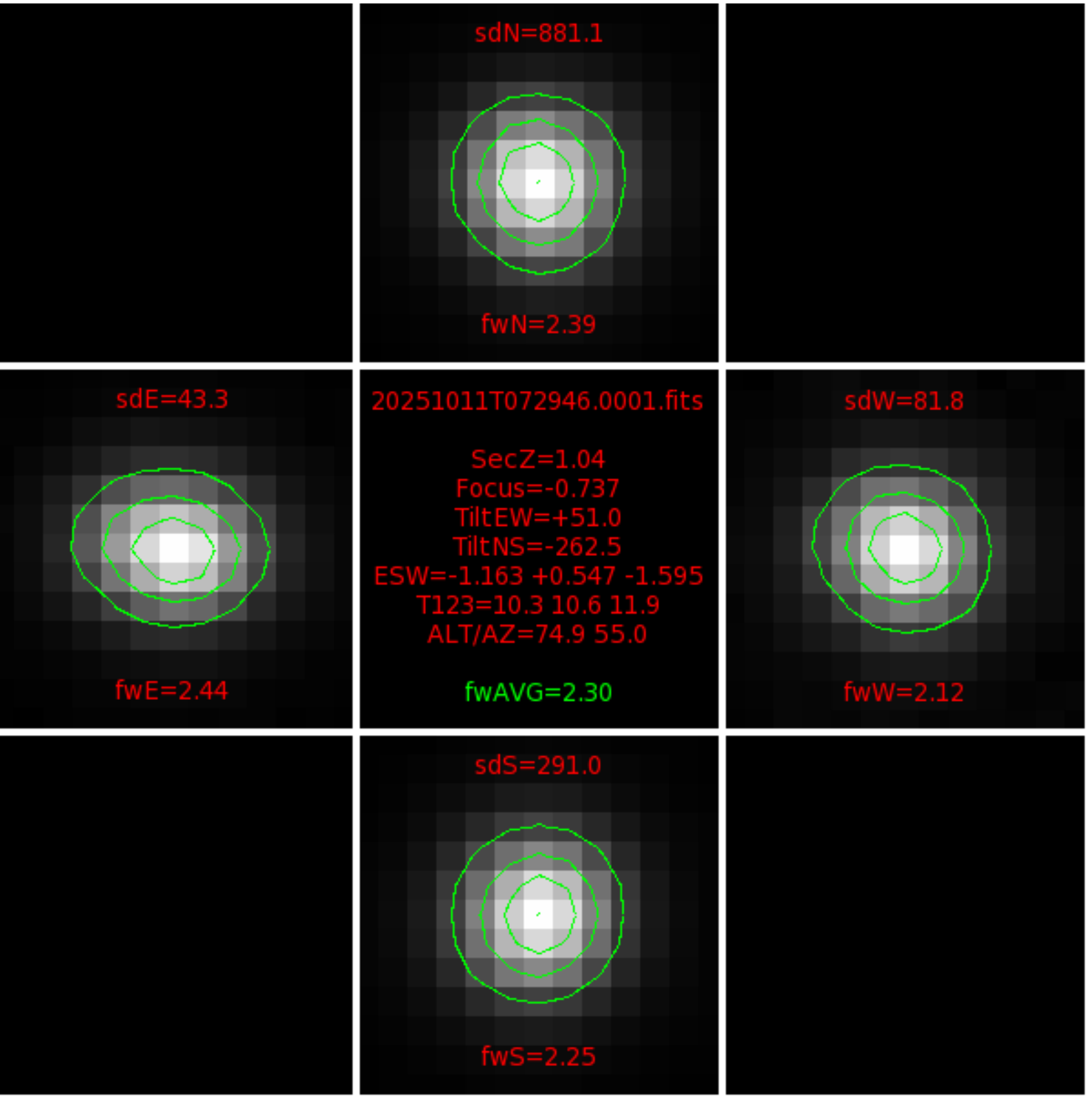
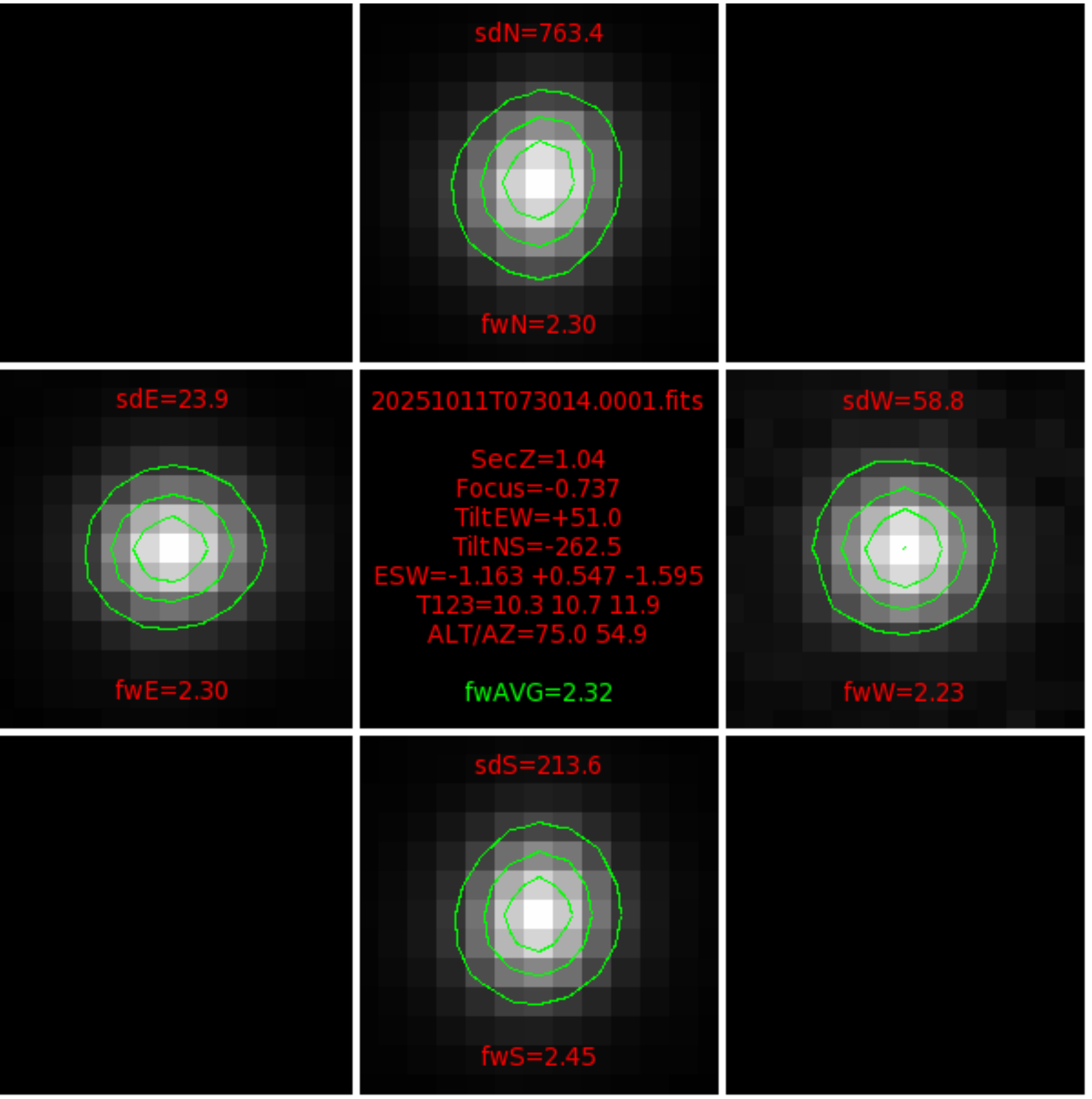
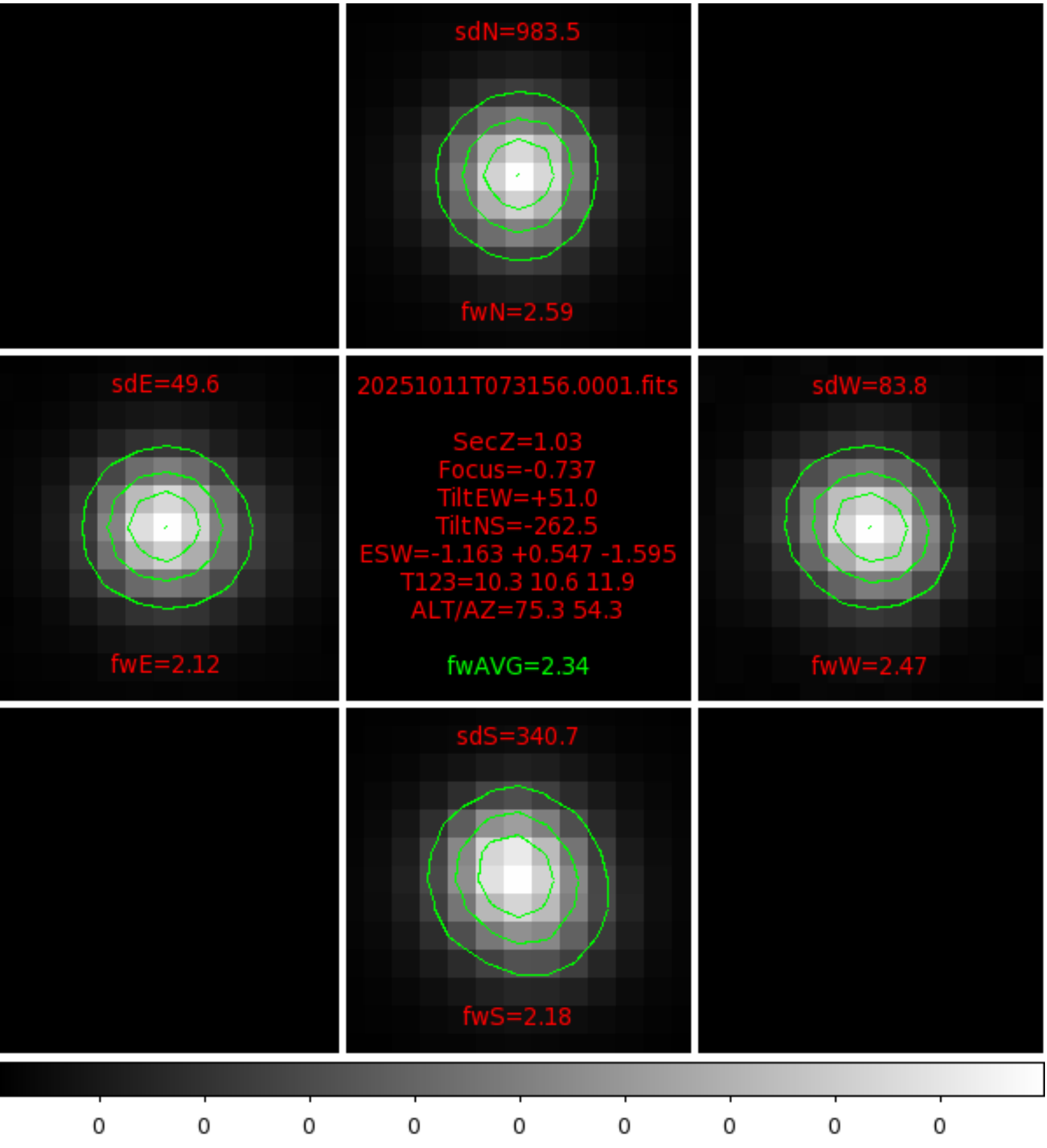
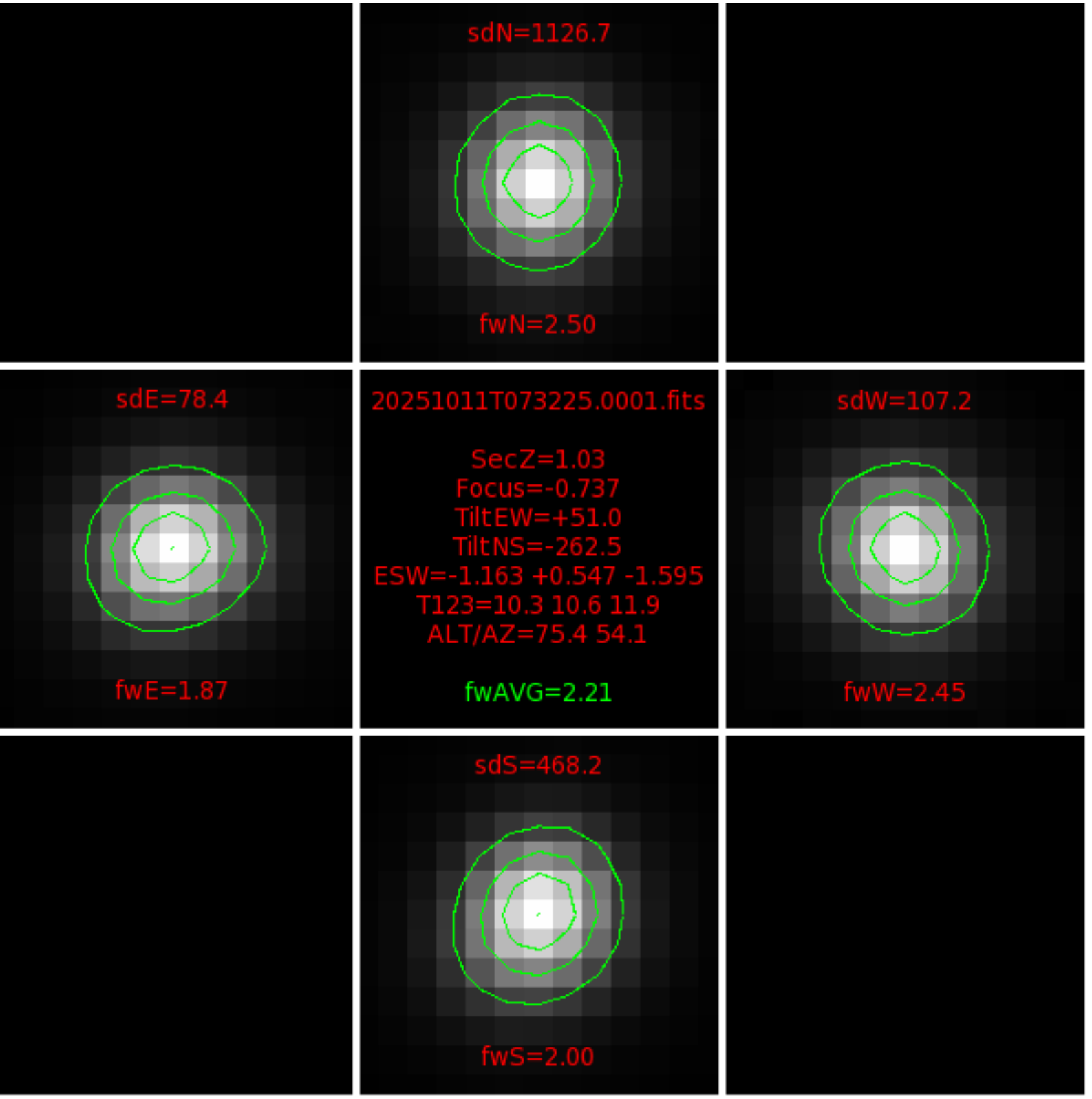
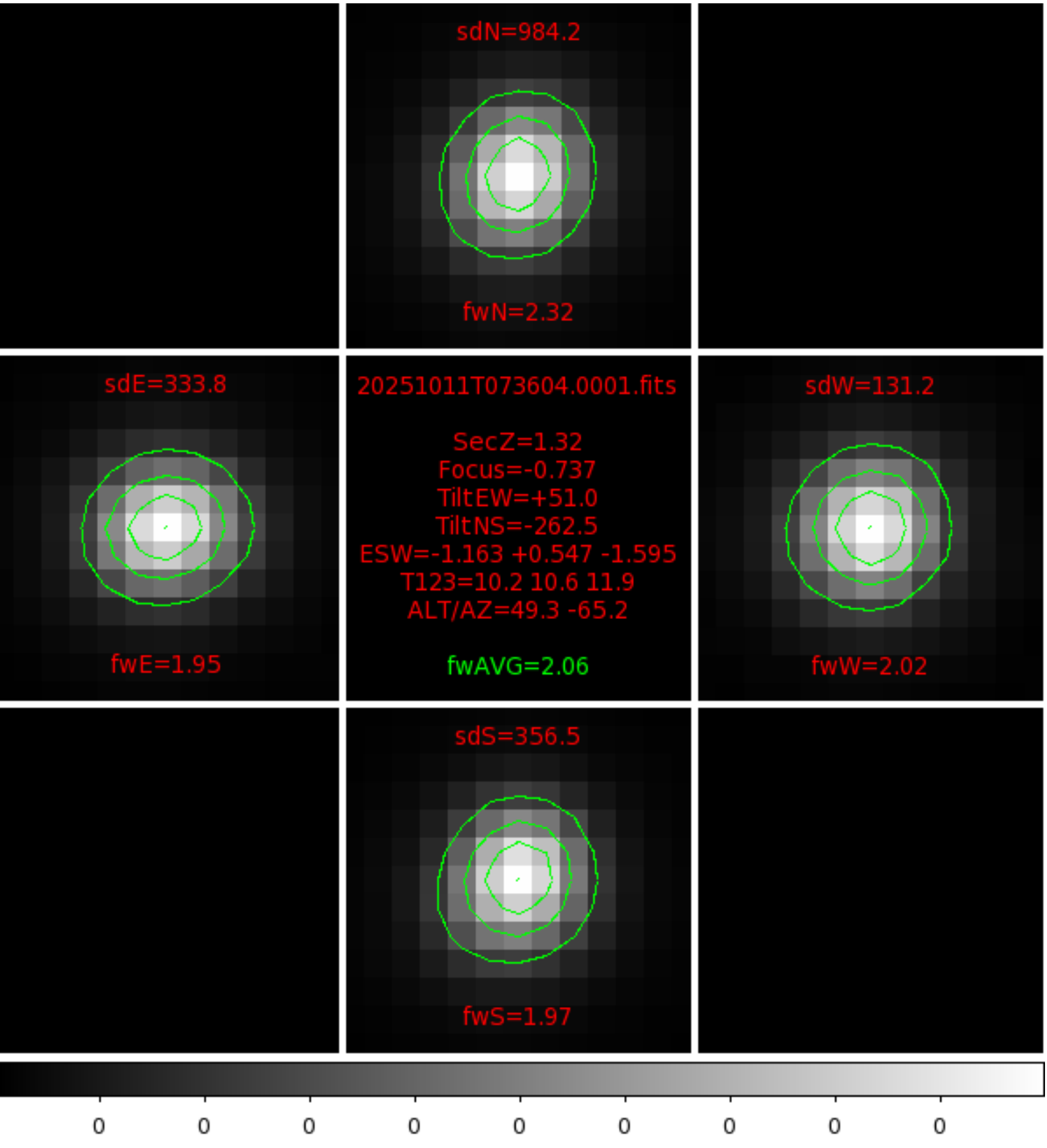

sdN=881.1
fwN=2.39
sdE=43.3
fwE=2.44
20251011T072946.0001.fits
SecZ=1.04
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=74.9 55.0
fwAVG=2.30
sdW=81.8
fwW=2.12
sdS=291.0
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=763.4
fwN=2.30
sdE=23.9
fwE=2.30
20251011T073014.0001.fits
SecZ=1.04
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.7 11.9
ALT/AZ=75.0 54.9
fwAVG=2.32
sdW=58.8
fwW=2.23
sdS=213.6
fwS=2.45
0 0 0 0 0 0 0 0 0


sdN=983.5
fwN=2.59
sdE=49.6
fwE=2.12
20251011T073156.0001.fits
SecZ=1.03
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=75.3 54.3
fwAVG=2.34
sdW=83.8
fwW=2.47
sdS=340.7
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=1126.7
fwN=2.50
sdE=78.4
fwE=1.87
20251011T073225.0001.fits
SecZ=1.03
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=75.4 54.1
fwAVG=2.21
sdW=107.2
fwW=2.45
sdS=468.2
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=984.2
fwN=2.32
sdE=333.8
fwE=1.95
20251011T073604.0001.fits
SecZ=1.32
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.2 10.6 11.9
ALT/AZ=49.3 -65.2
fwAVG=2.06
sdW=131.2
fwW=2.02
sdS=356.5
fwS=1.97
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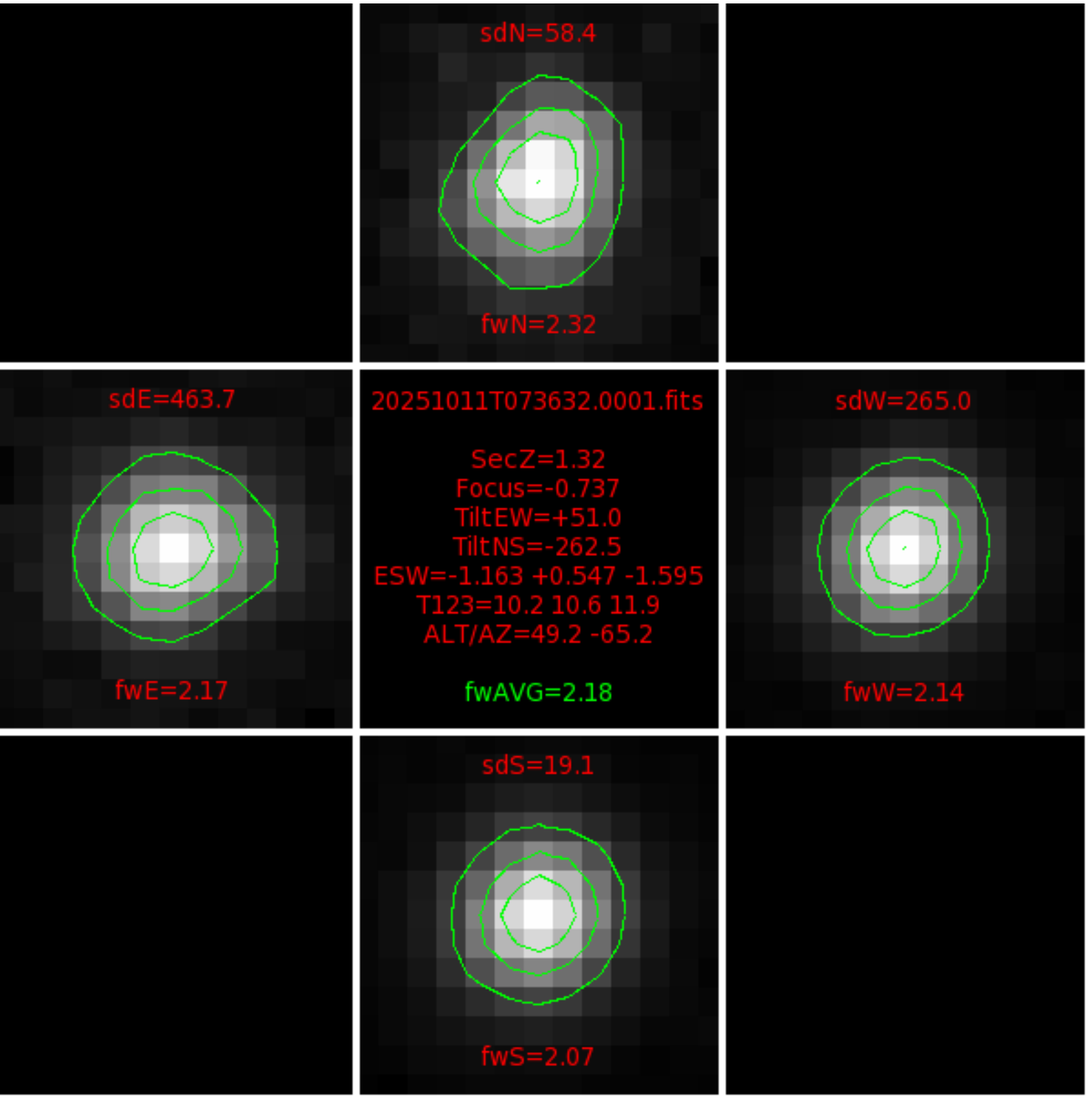
sdN=58.4
fwN=2.32
sdE=463.7
fwE=2.17
20251011T073632.0001.fits
SecZ=1.32
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.2 10.6 11.9
ALT/AZ=49.2 -65.2
fwAVG=2.18
sdW=265.0
fwW=2.14
sdS=19.1
fwS=2.07
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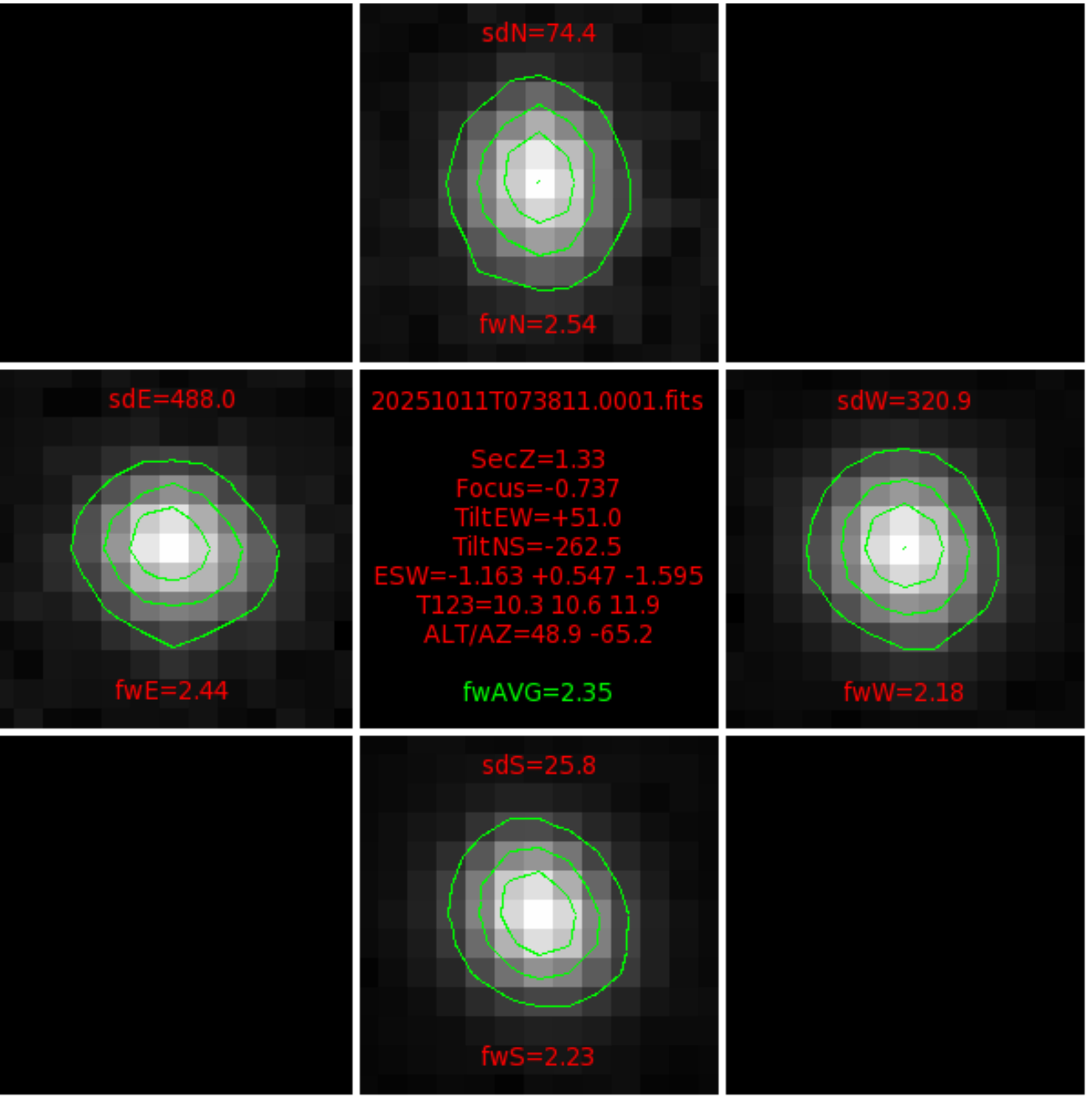
sdN=74.4
fwN=2.54
sdE=488.0
fwE=2.44
20251011T073811.0001.fits
SecZ=1.33
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=48.9 -65.2
fwAVG=2.35
sdW=320.9
fwW=2.18
sdS=25.8
fwS=2.23
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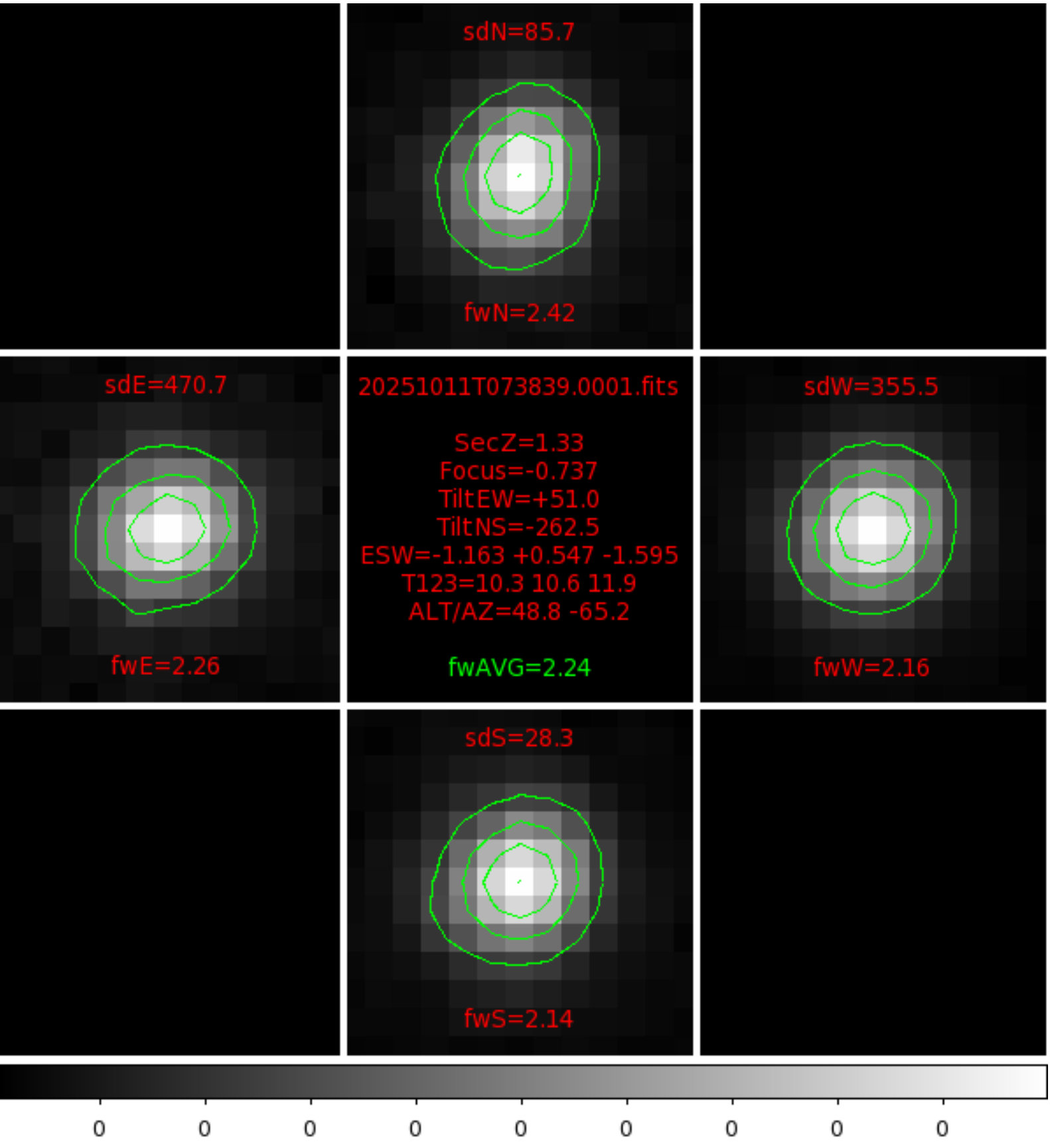
sdN=85.7
fwN=2.42
sdE=470.7
fwE=2.26
20251011T073839.0001.fits
SecZ=1.33
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=48.8 -65.2
fwAVG=2.24
sdW=355.5
fwW=2.16
sdS=28.3
fwS=2.14
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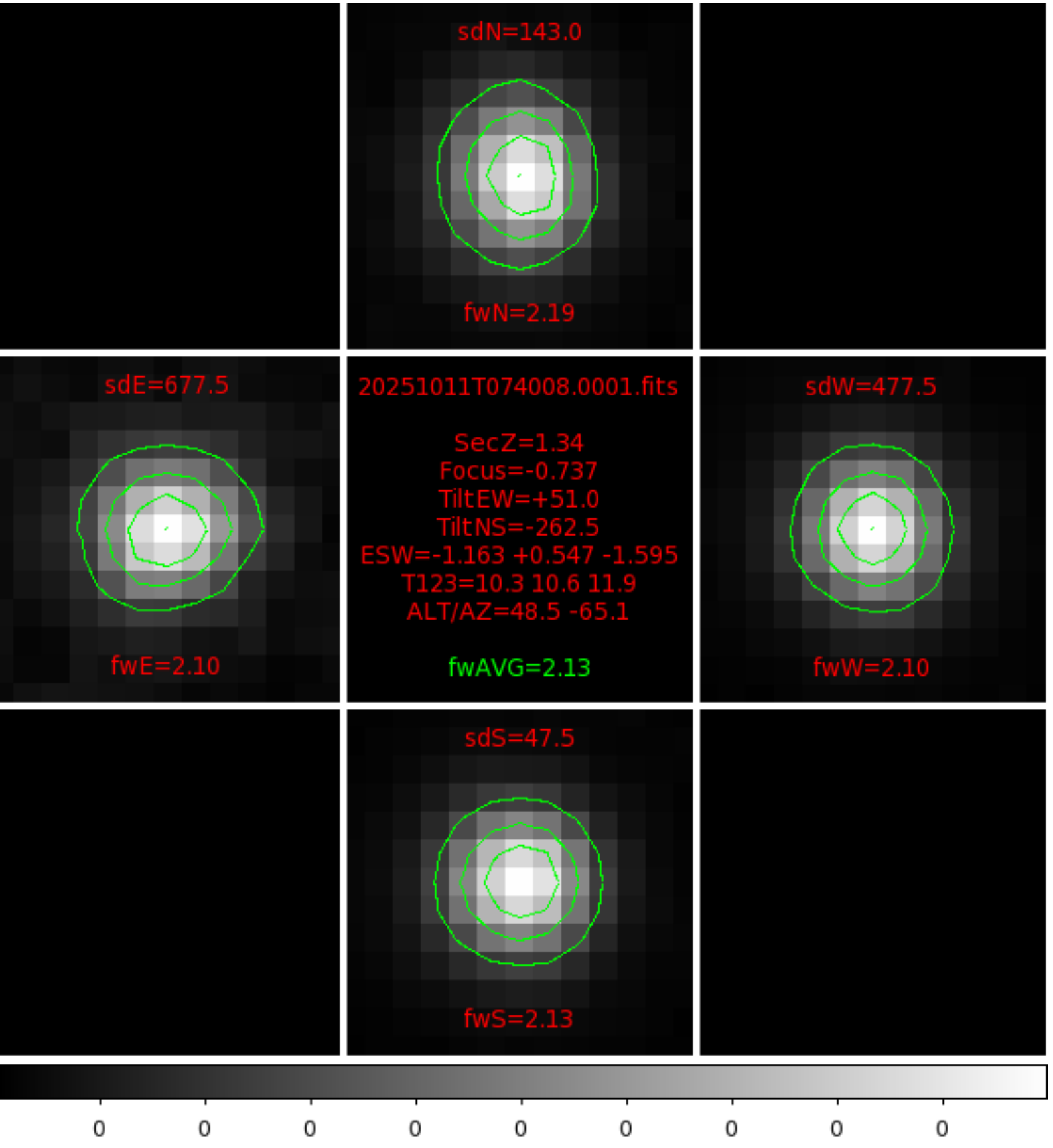
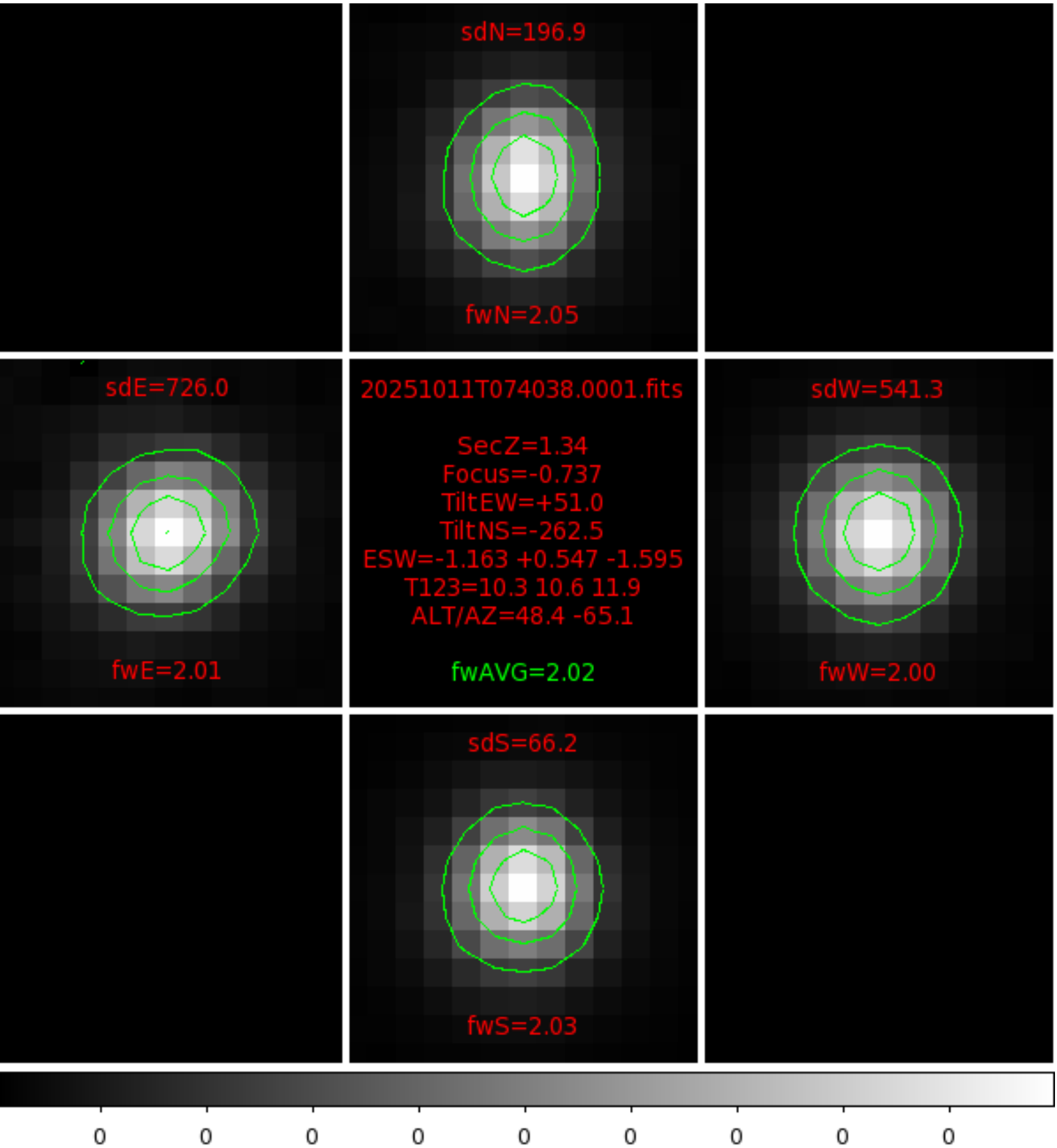
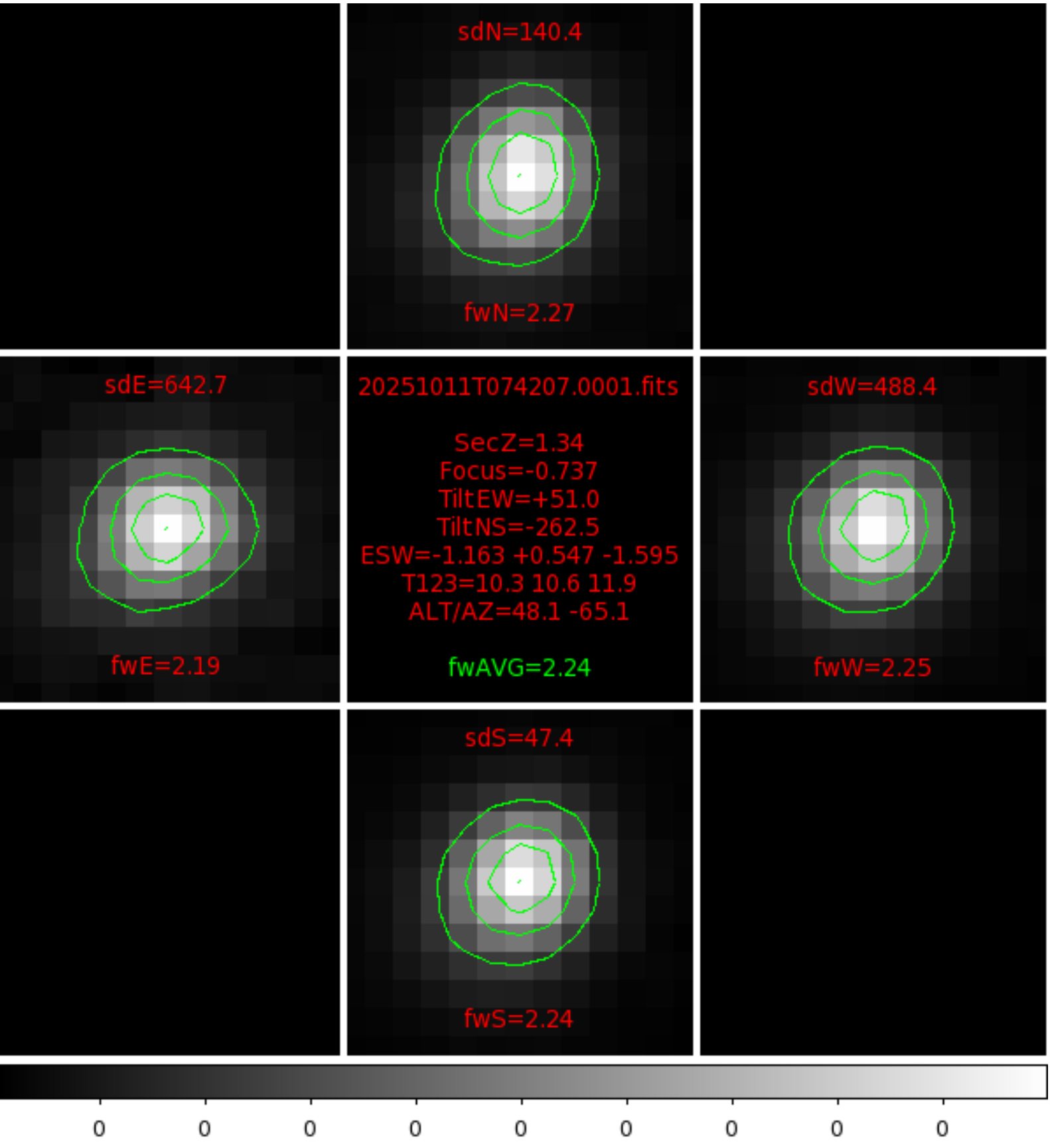

sdN=143.0
fwN=2.19
sdE=677.5
fwE=2.10
20251011T074008.0001.fits
SecZ=1.34
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=48.5 -65.1
fwAVG=2.13
sdW=477.5
fwW=2.10
sdS=47.5
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=196.9
fwN=2.05
sdE=726.0
fwE=2.01
20251011T074038.0001.fits
SecZ=1.34
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=48.4 -65.1
fwAVG=2.02
sdW=541.3
fwW=2.00
sdS=66.2
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=140.4
fwN=2.27
sdE=642.7
fwE=2.19
20251011T074207.0001.fits
SecZ=1.34
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=48.1 -65.1
fwAVG=2.24
sdW=488.4
fwW=2.25
sdS=47.4
fwS=2.24
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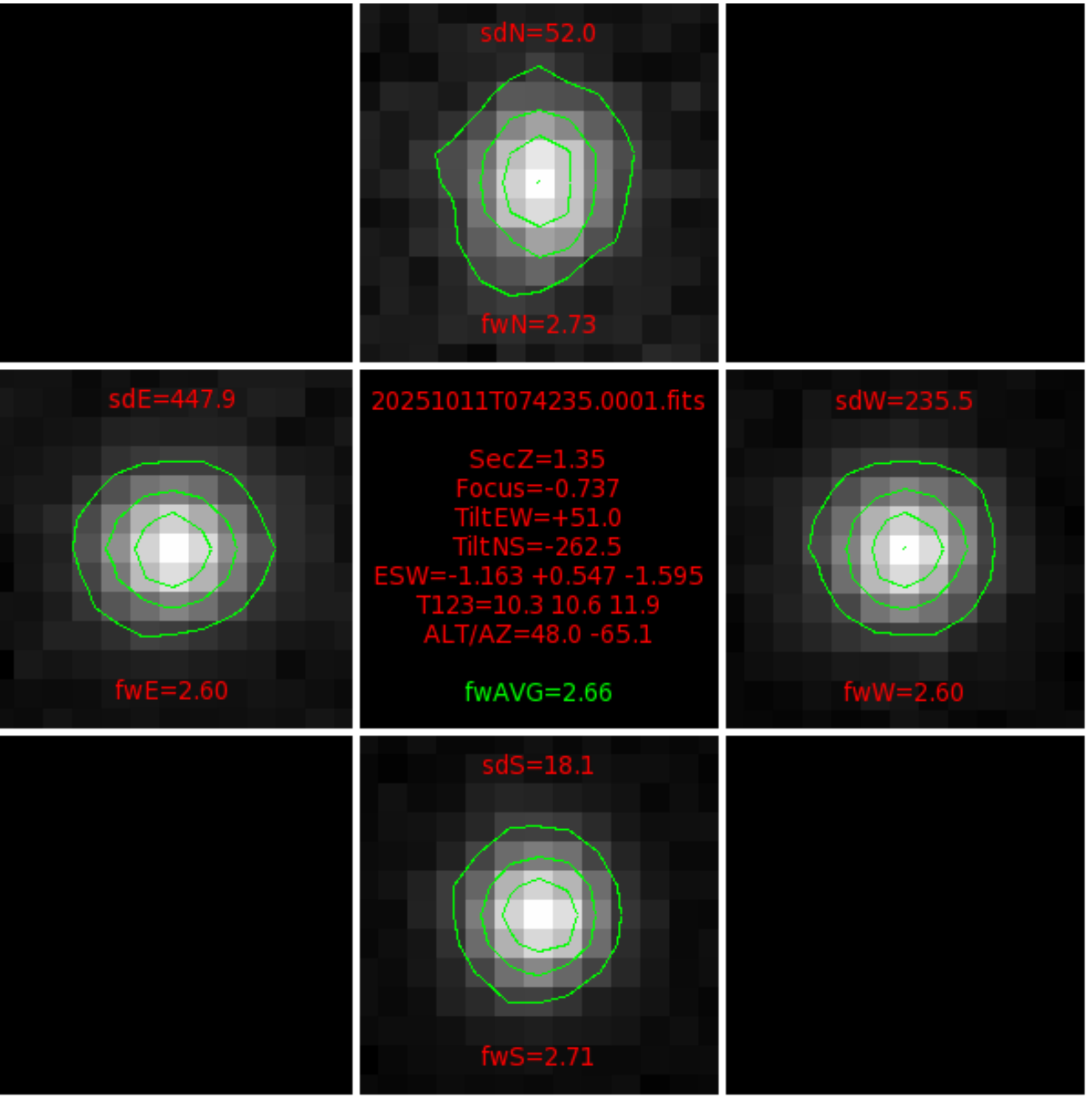
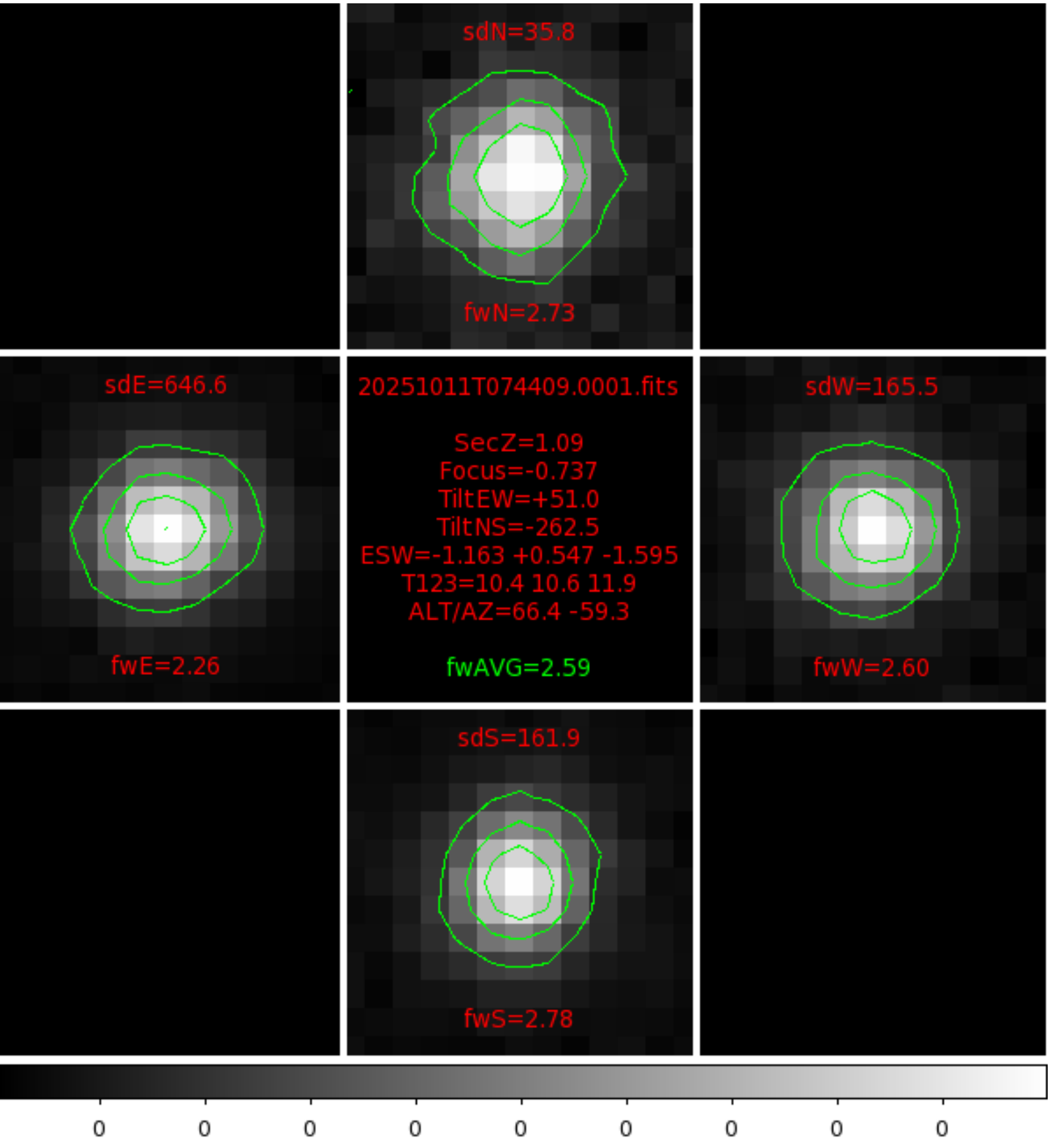

sdN=52.0
fwN=2.73
sdE=447.9
fwE=2.60
20251011T074235.0001.fits
SecZ=1.35
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.6 11.9
ALT/AZ=48.0 -65.1
fwAVG=2.66
sdW=235.5
fwW=2.60
sdS=18.1
fwS=2.71
0 0 0 0 0 0 0 0 0


sdN=35.8
fwN=2.73
sdE=646.6
fwE=2.26
20251011T074409.0001.fits
SecZ=1.09
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.4 10.6 11.9
ALT/AZ=66.4 -59.3
fwAVG=2.59
sdW=165.5
fwW=2.60
sdS=161.9
fwS=2.78
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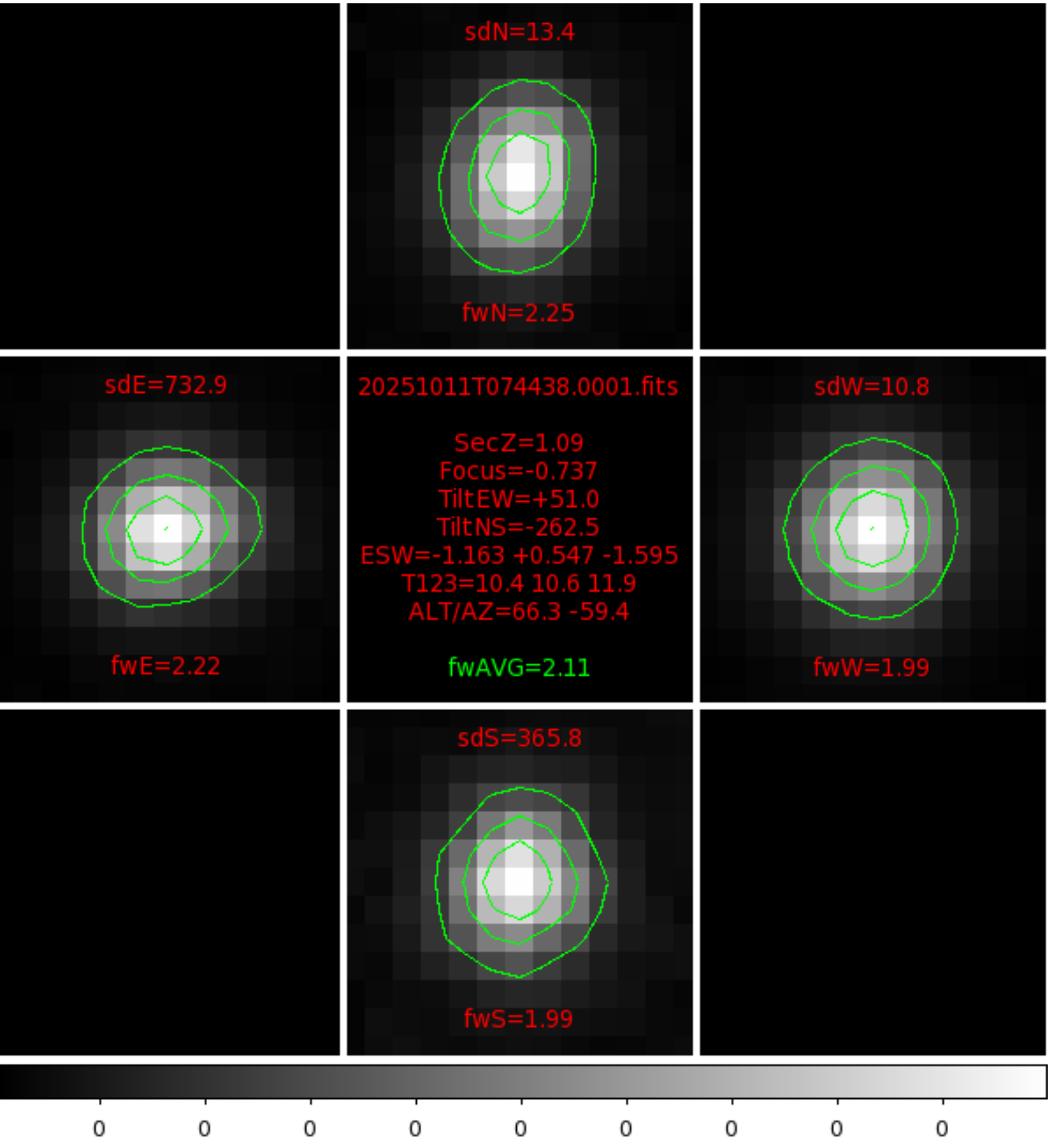
sdN=13.4
fwN=2.25
sdE=732.9
fwE=2.22
20251011T074438.0001.fits
SecZ=1.09
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.4 10.6 11.9
ALT/AZ=66.3 -59.4
fwAVG=2.11
sdW=10.8
fwW=1.99
sdS=365.8
fwS=1.99
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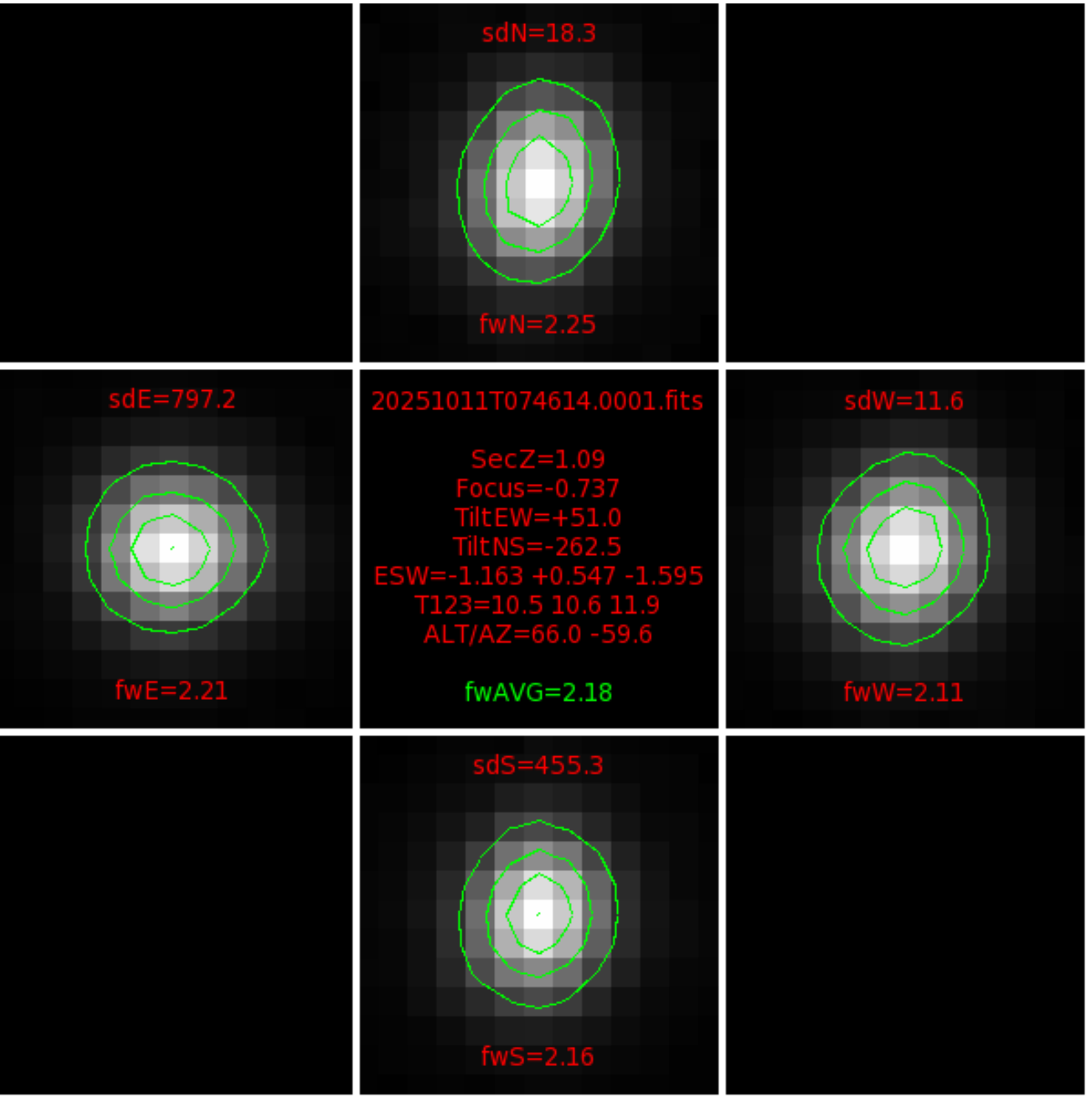
sdN=18.3
fwN=2.25
sdE=797.2
fwE=2.21
20251011T074614.0001.fits
SecZ=1.09
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=66.0 -59.6
fwAVG=2.18
sdW=11.6
fwW=2.11
sdS=455.3
fwS=2.16
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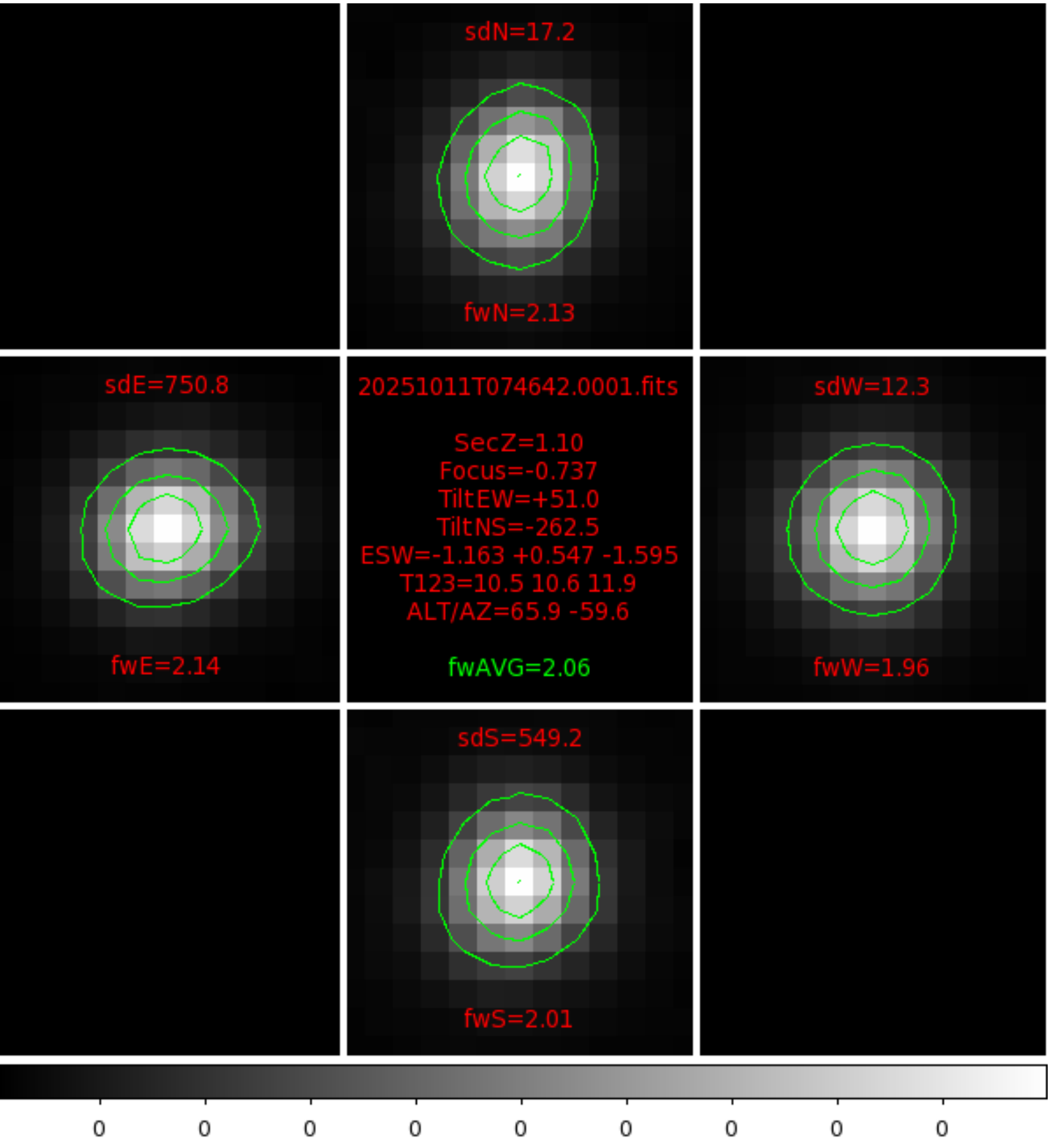
sdN=17.2
fwN=2.13
sdE=750.8
fwE=2.14
20251011T074642.0001.fits
SecZ=1.10
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=65.9 -59.6
fwAVG=2.06
sdW=12.3
fwW=1.96
sdS=549.2
fwS=2.01
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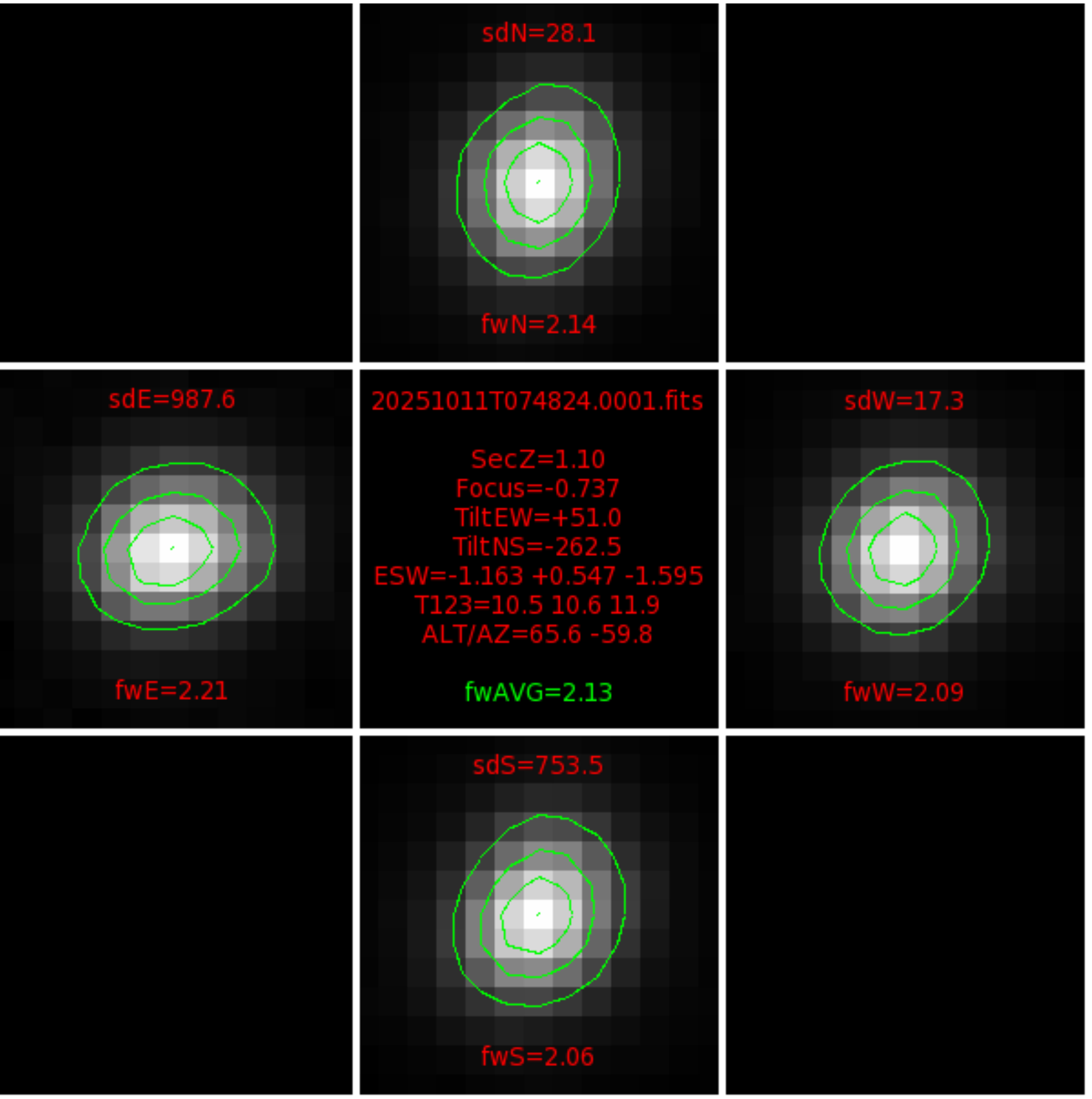
sdN=28.1
fwN=2.14
sdE=987.6
fwE=2.21
20251011T074824.0001.fits
SecZ=1.10
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=65.6 -59.8
fwAVG=2.13
sdW=17.3
fwW=2.09
sdS=753.5
fwS=2.06
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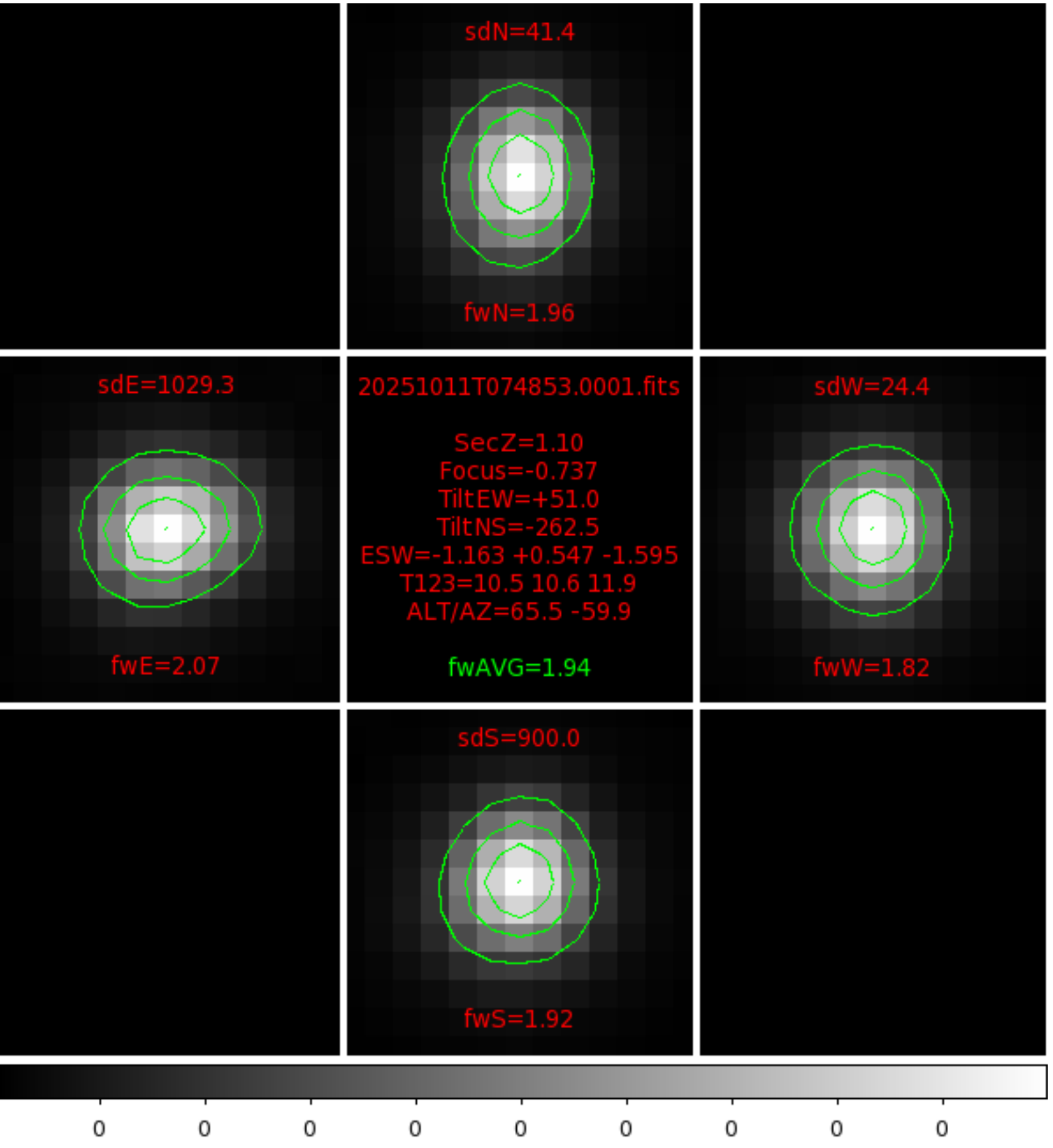
sdN=41.4
fwN=1.96
sdE=1029.3
fwE=2.07
20251011T074853.0001.fits
SecZ=1.10
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=65.5 -59.9
fwAVG=1.94
sdW=24.4
fwW=1.82
sdS=900.0
fwS=1.92
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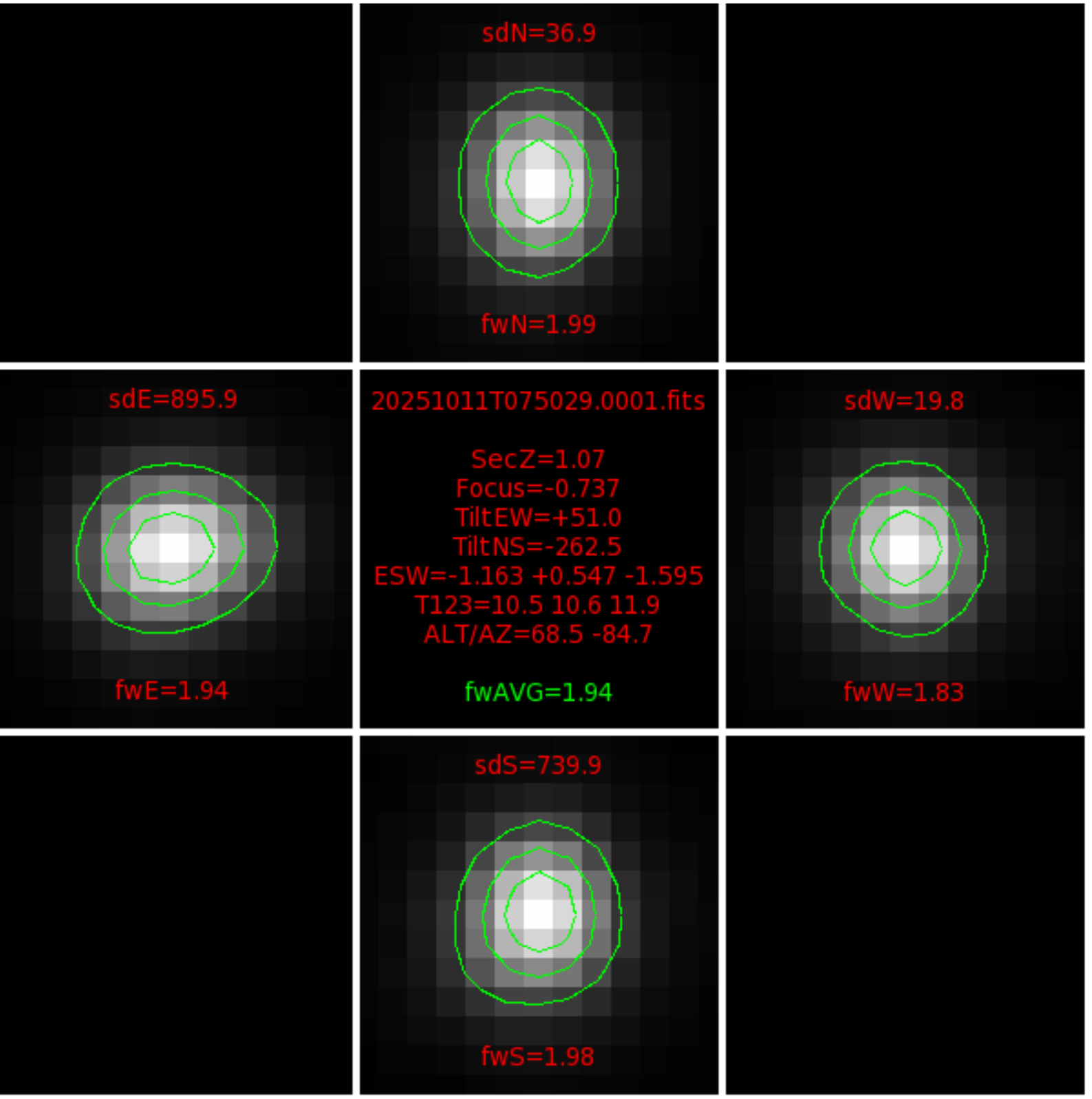
sdN=36.9
fwN=1.99
sdE=895.9
fwE=1.94
20251011T075029.0001.fits
SecZ=1.07
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=68.5 -84.7
fwAVG=1.94
sdW=19.8
fwW=1.83
sdS=739.9
fwS=1.98
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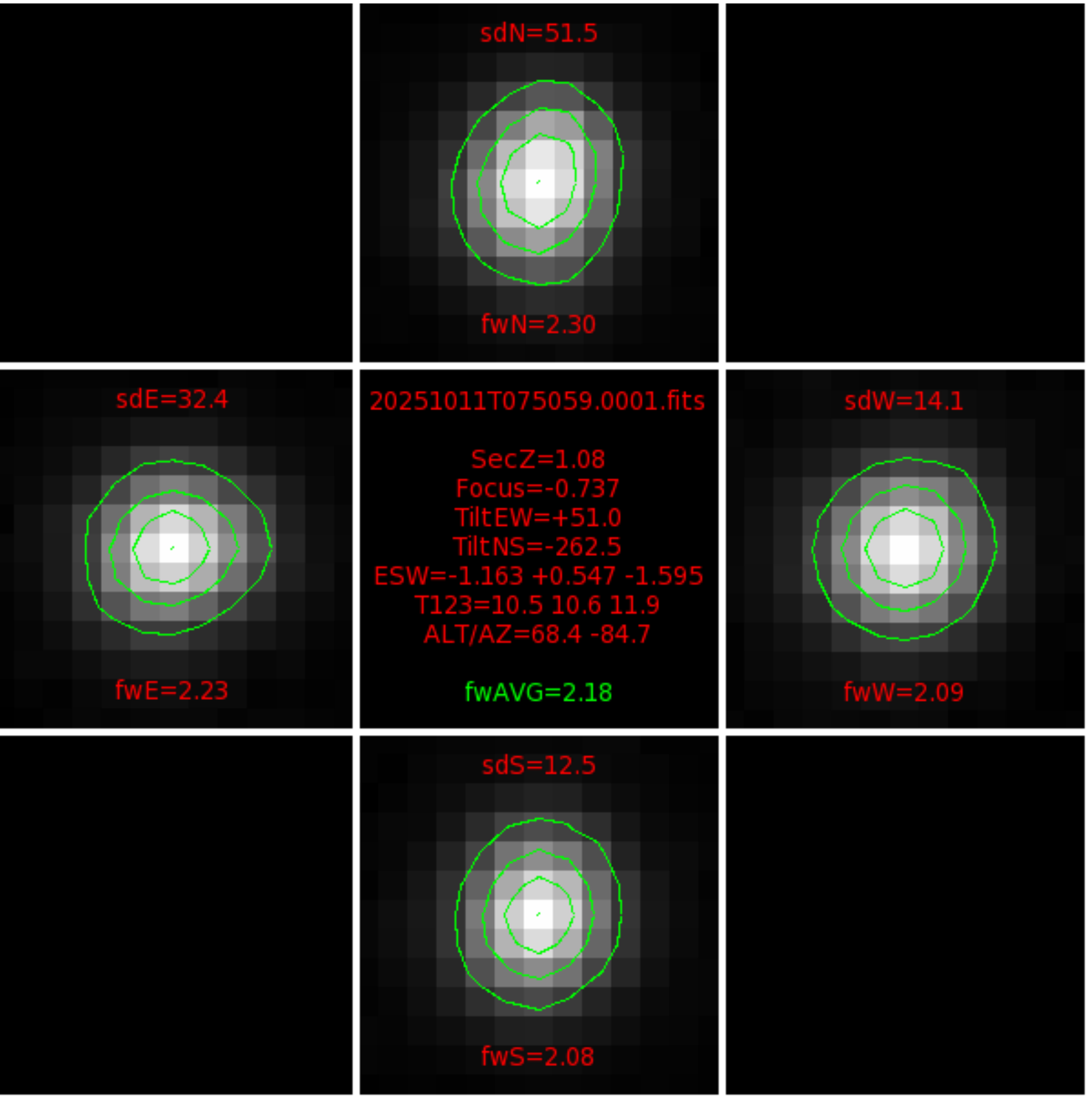
sdN=51.5
fwN=2.30
sdE=32.4
fwE=2.23
20251011T075059.0001.fits
SecZ=1.08
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=68.4 -84.7
fwAVG=2.18
sdW=14.1
fwW=2.09
sdS=12.5
fwS=2.08
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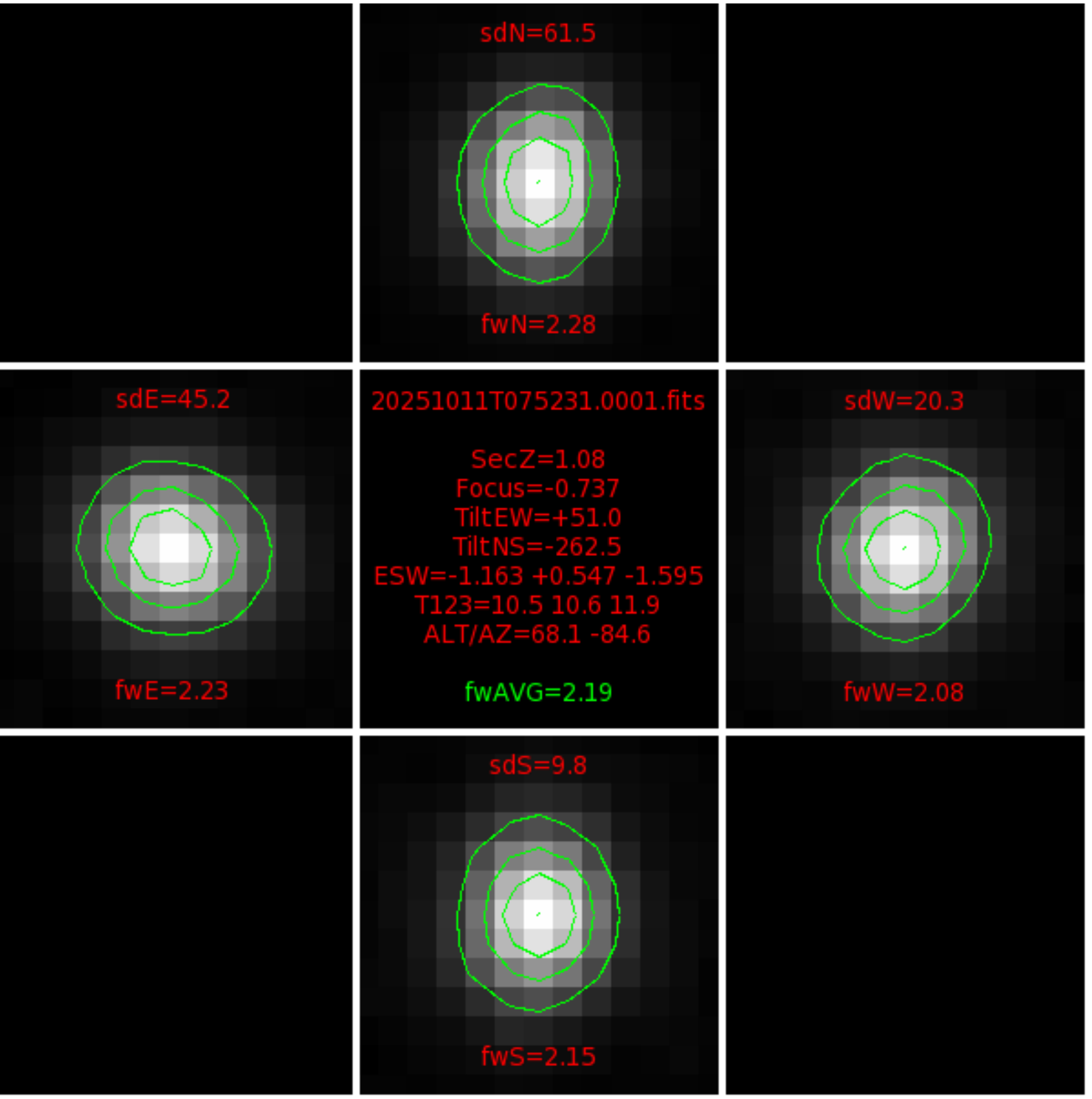
sdN=61.5
fwN=2.28
sdE=45.2
fwE=2.23
20251011T075231.0001.fits
SecZ=1.08
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=68.1 -84.6
fwAVG=2.19
sdW=20.3
fwW=2.08
sdS=9.8
fwS=2.15
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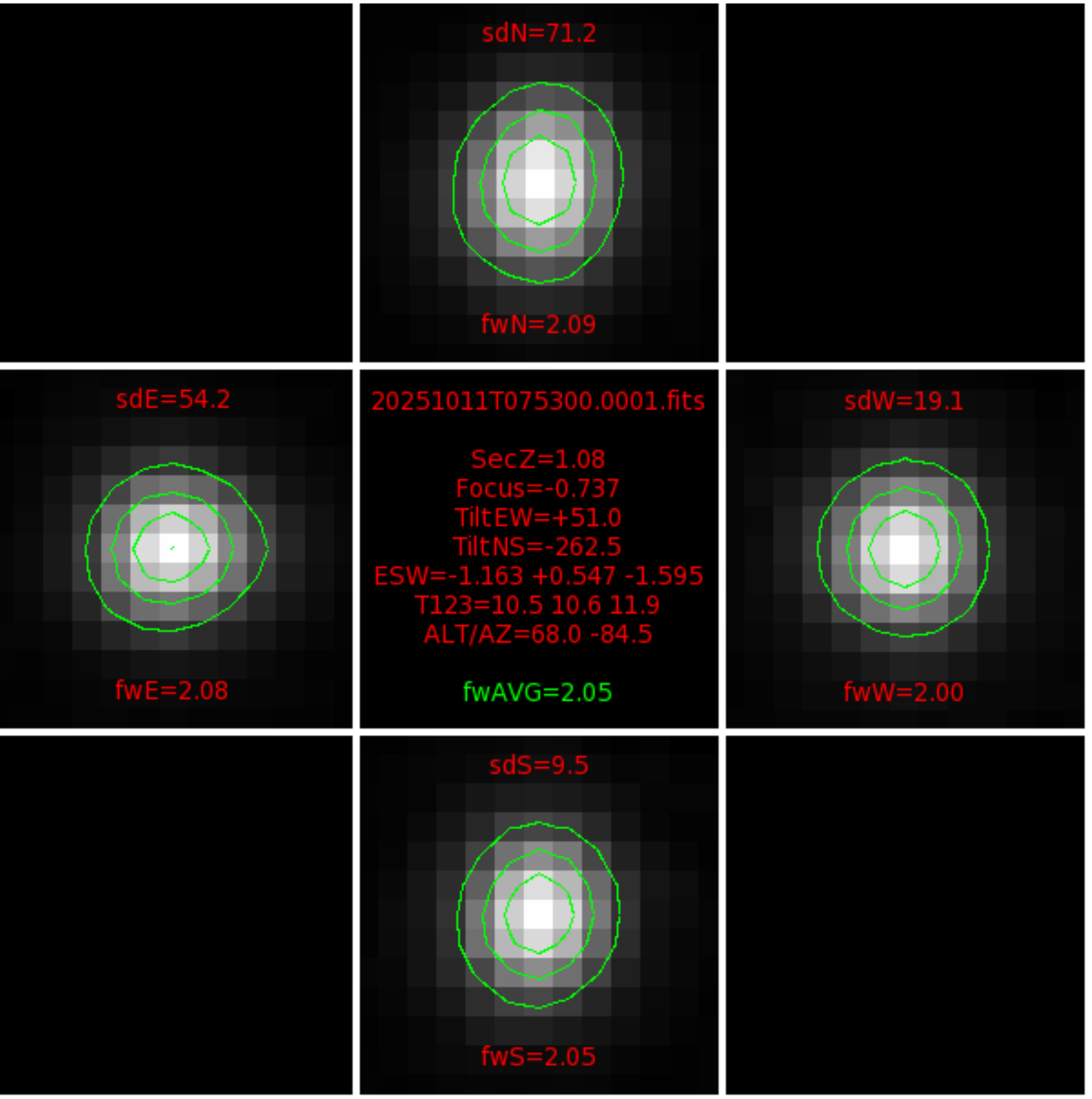
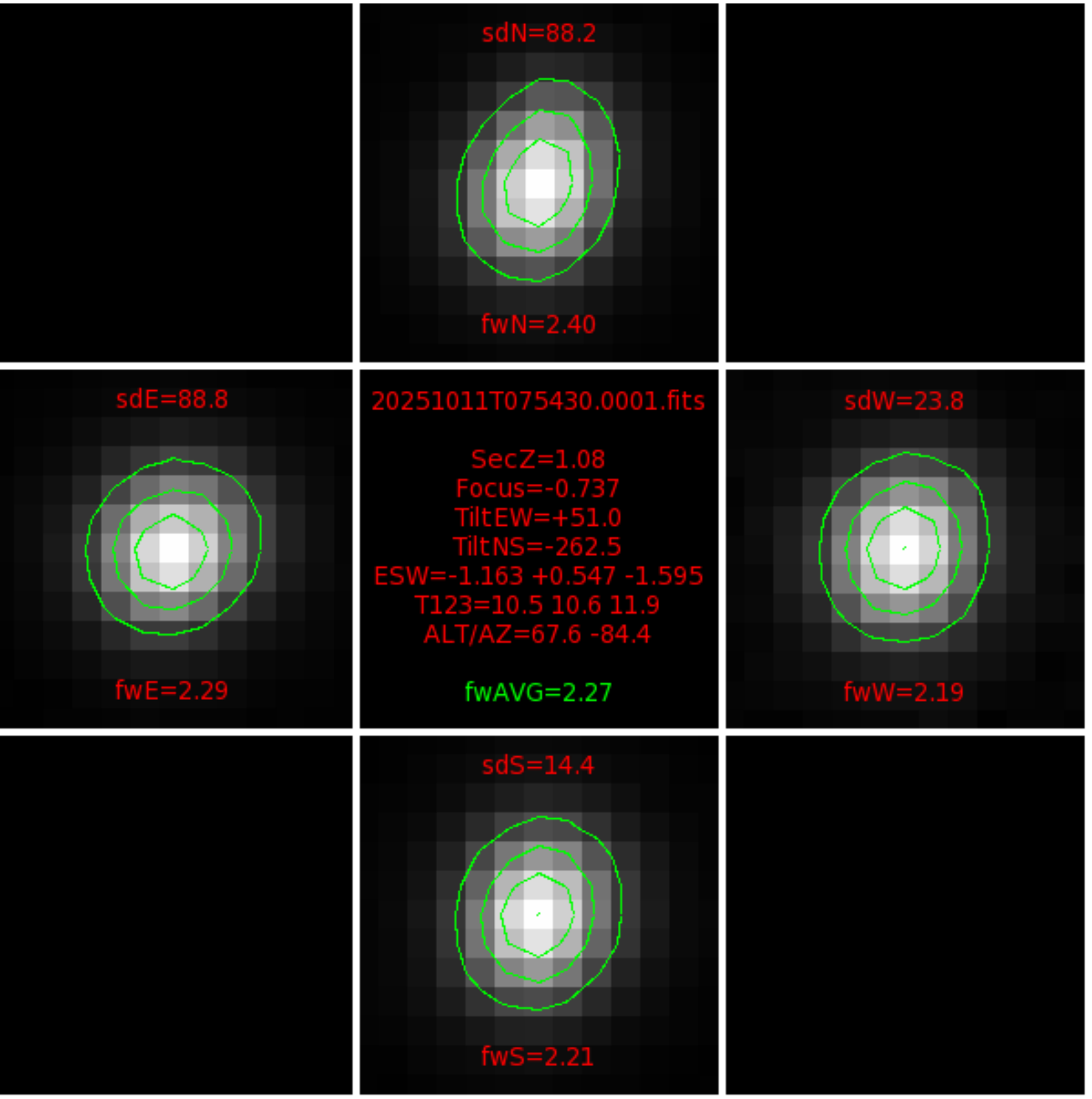

sdN=71.2
fwN=2.09
sdE=54.2
fwE=2.08
20251011T075300.0001.fits
SecZ=1.08
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=68.0 -84.5
fwAVG=2.05
sdW=19.1
fwW=2.00
sdS=9.5
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=88.2
fwN=2.40
sdE=88.8
fwE=2.29
20251011T075430.0001.fits
SecZ=1.08
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=67.6 -84.4
fwAVG=2.27
sdW=23.8
fwW=2.19
sdS=14.4
fwS=2.21
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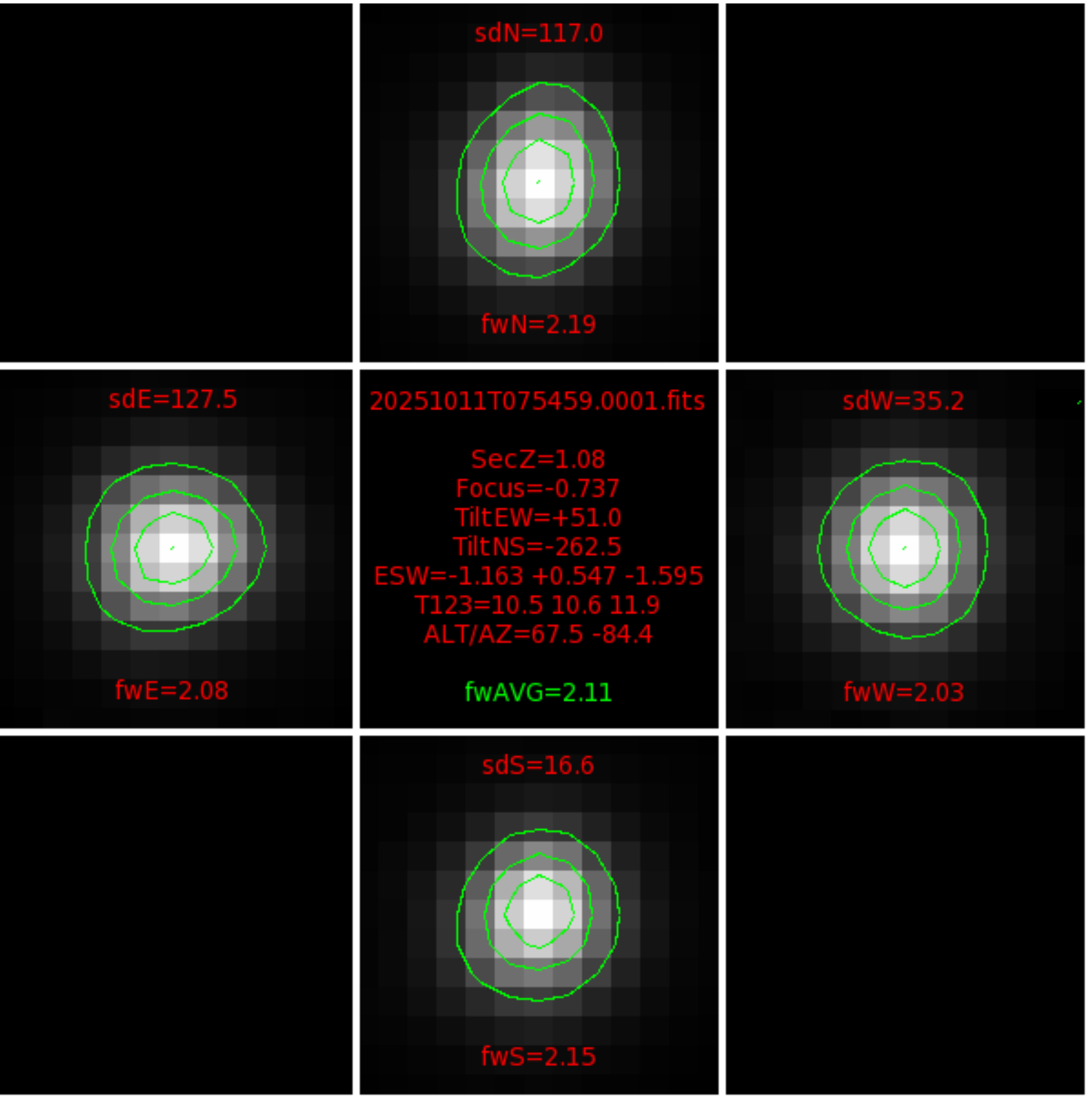
sdN=117.0
fwN=2.19
sdE=127.5
fwE=2.08
20251011T075459.0001.fits
SecZ=1.08
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=67.5 -84.4
fwAVG=2.11
sdW=35.2
fwW=2.03
sdS=16.6
fwS=2.15
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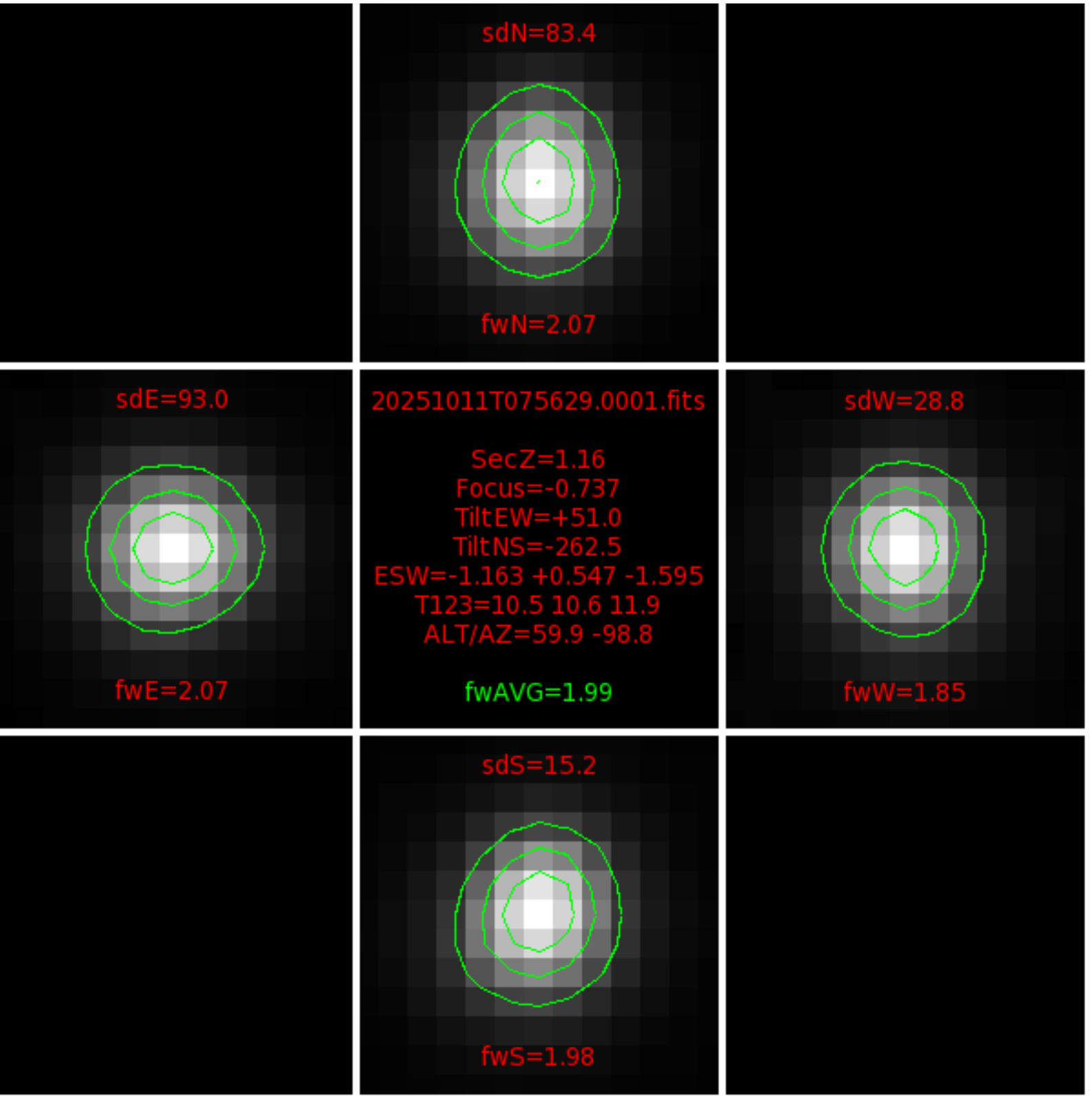
sdN=83.4
fwN=2.07
sdE=93.0
fwE=2.07
20251011T075629.0001.fits
SecZ=1.16
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=59.9 -98.8
fwAVG=1.99
sdW=28.8
fwW=1.85
sdS=15.2
fwS=1.98
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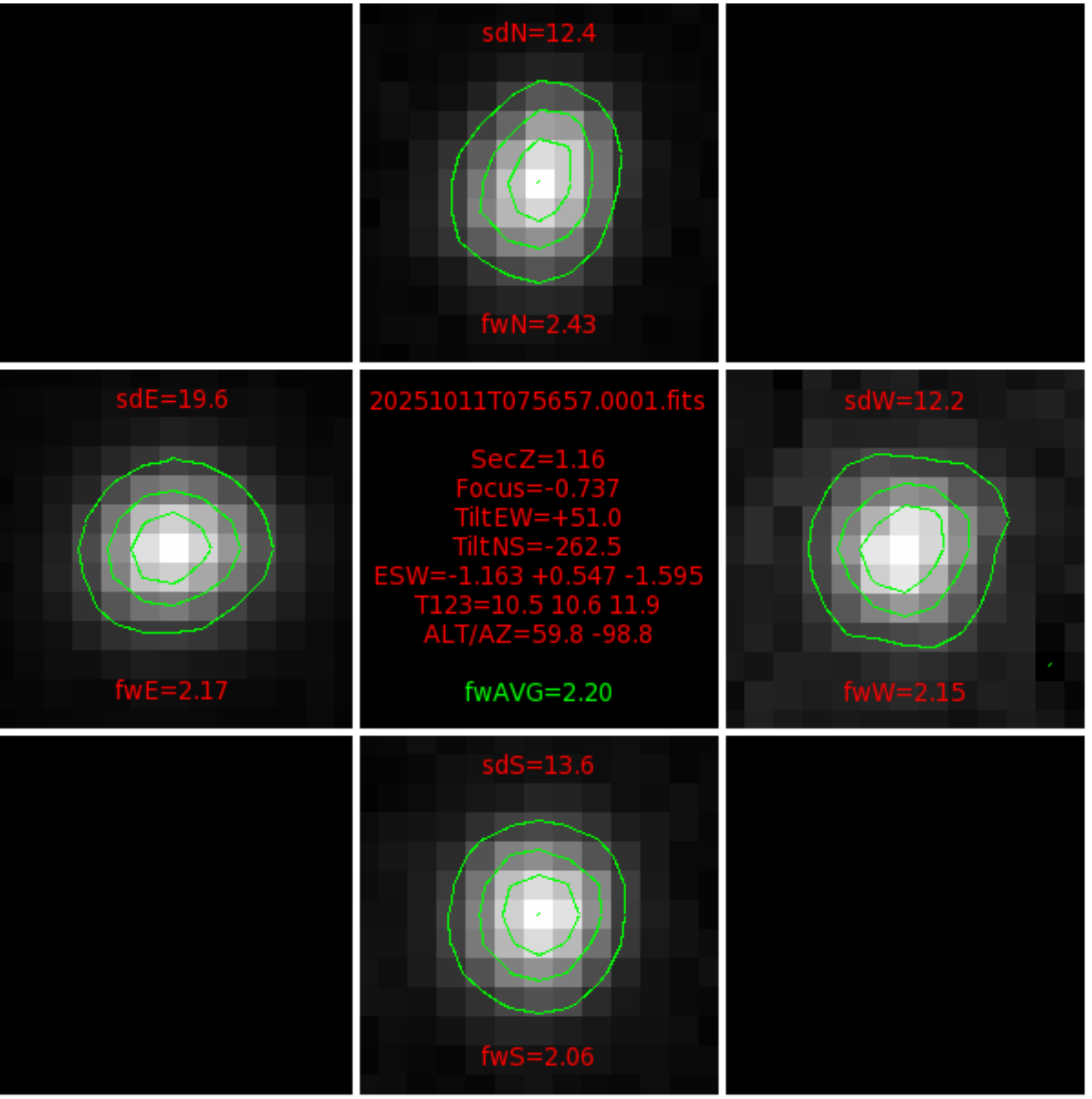
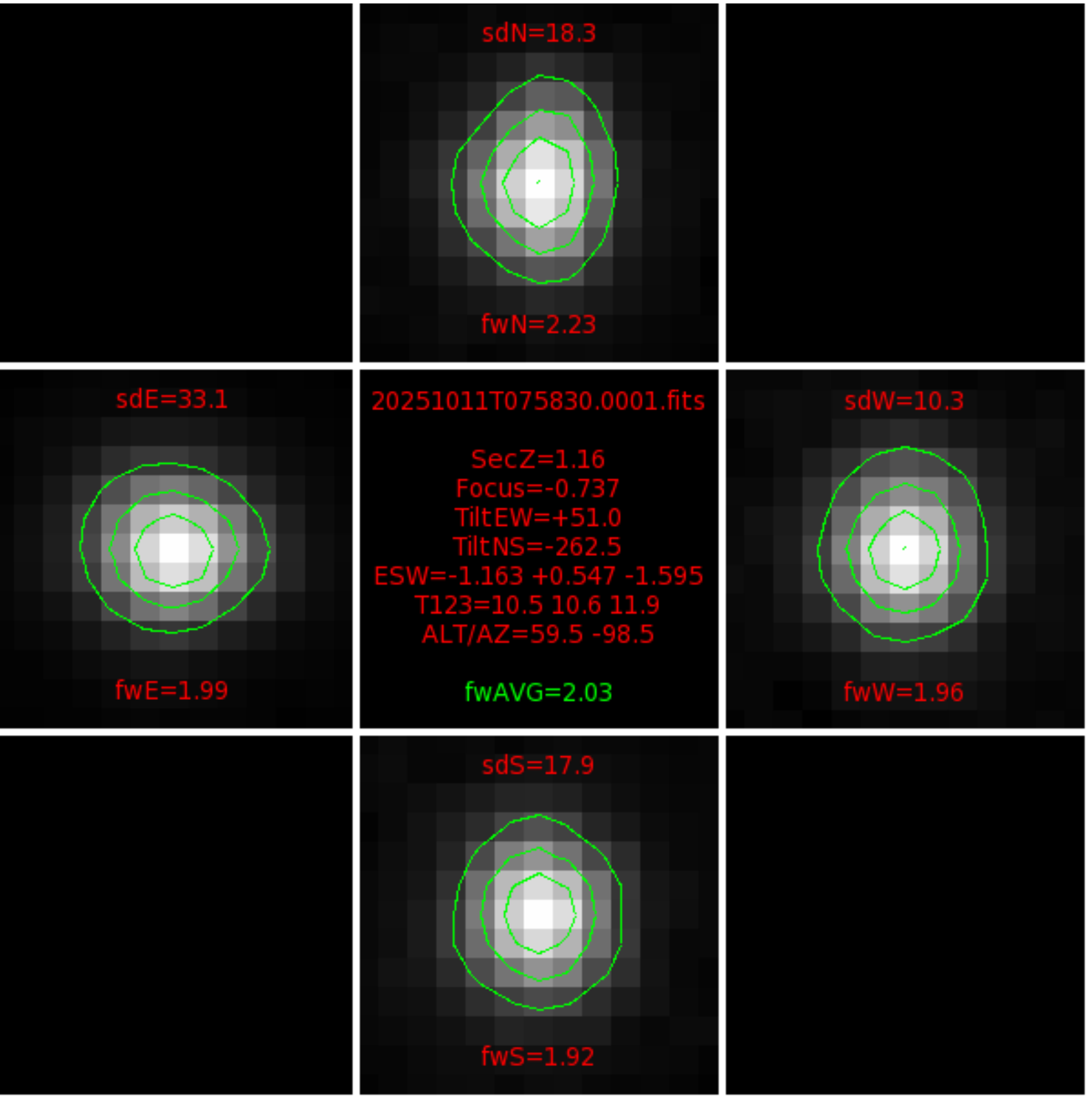
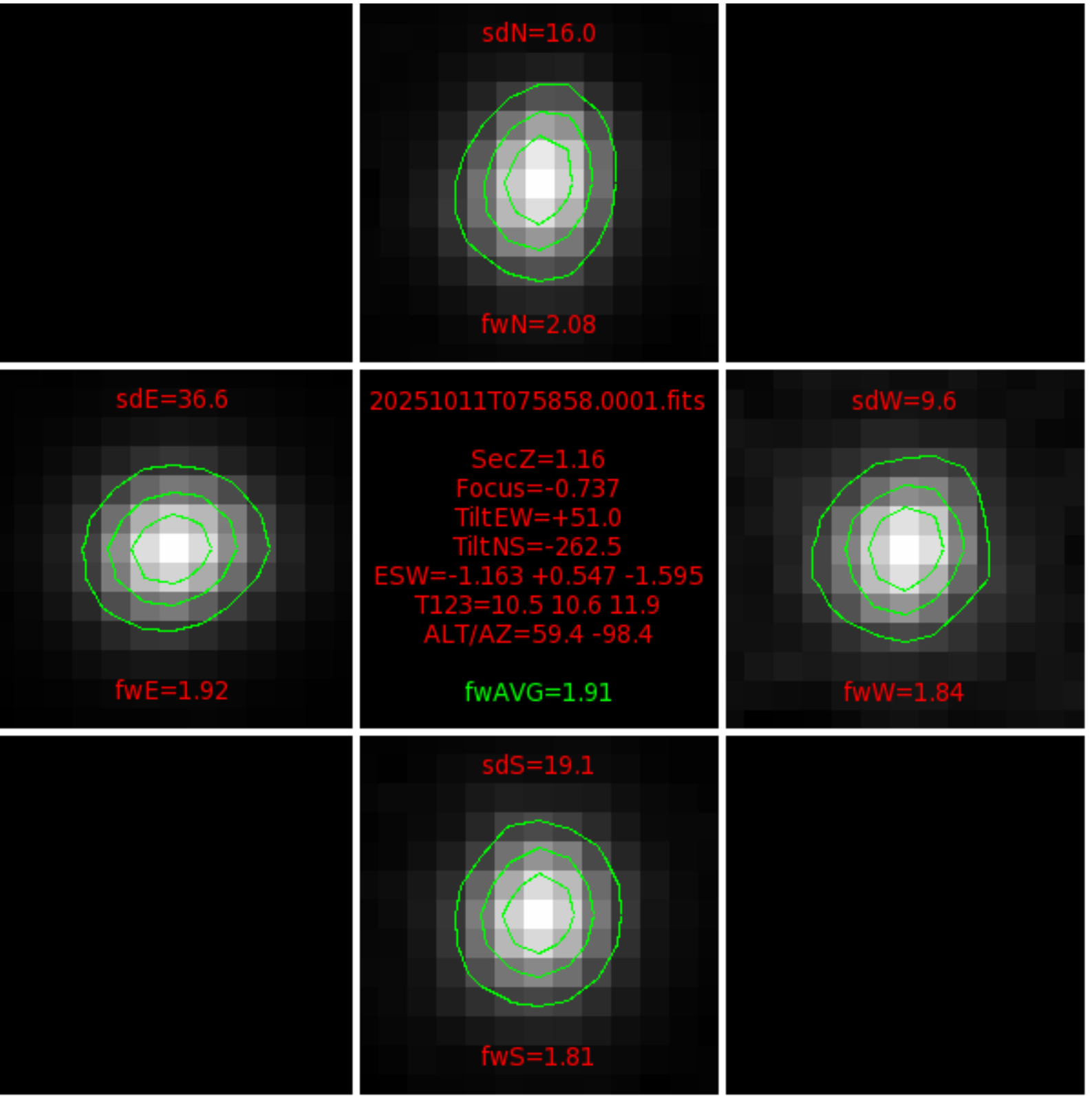

sdN=12.4
fwN=2.43
sdE=19.6
fwE=2.17
20251011T075657.0001.fits
SecZ=1.16
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=59.8 -98.8
fwAVG=2.20
sdW=12.2
fwW=2.15
sdS=13.6
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=18.3
fwN=2.23
sdE=33.1
fwE=1.99
20251011T075830.0001.fits
SecZ=1.16
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=59.5 -98.5
fwAVG=2.03
sdW=10.3
fwW=1.96
sdS=17.9
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=16.0
fwN=2.08
sdE=36.6
fwE=1.92
20251011T075858.0001.fits
SecZ=1.16
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=59.4 -98.4
fwAVG=1.91
sdW=9.6
fwW=1.84
sdS=19.1
fwS=1.81
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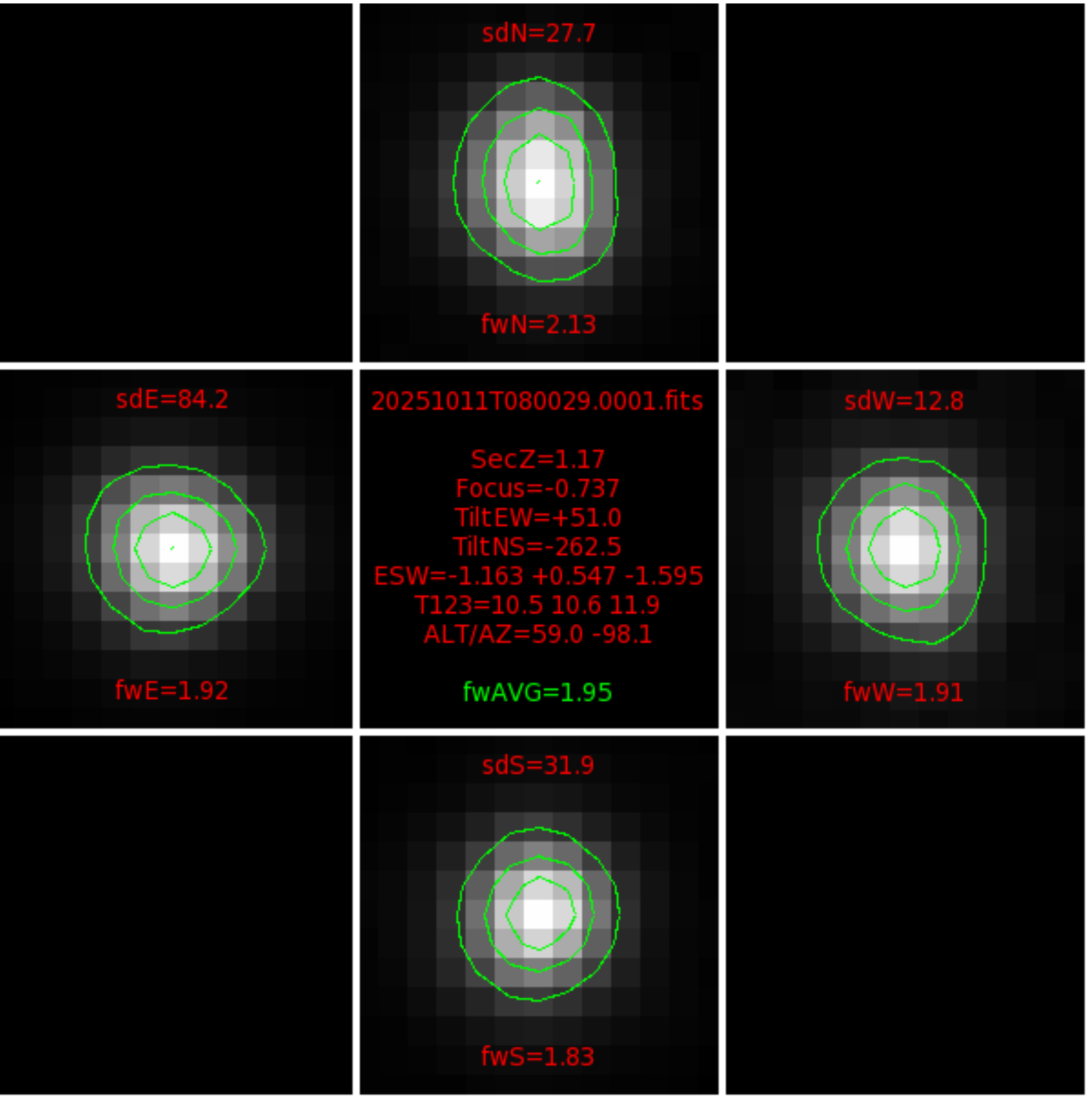
sdN=27.7
fwN=2.13
sdE=84.2
fwE=1.92
20251011T080029.0001.fits
SecZ=1.17
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=59.0 -98.1
fwAVG=1.95
sdW=12.8
fwW=1.91
sdS=31.9
fwS=1.83
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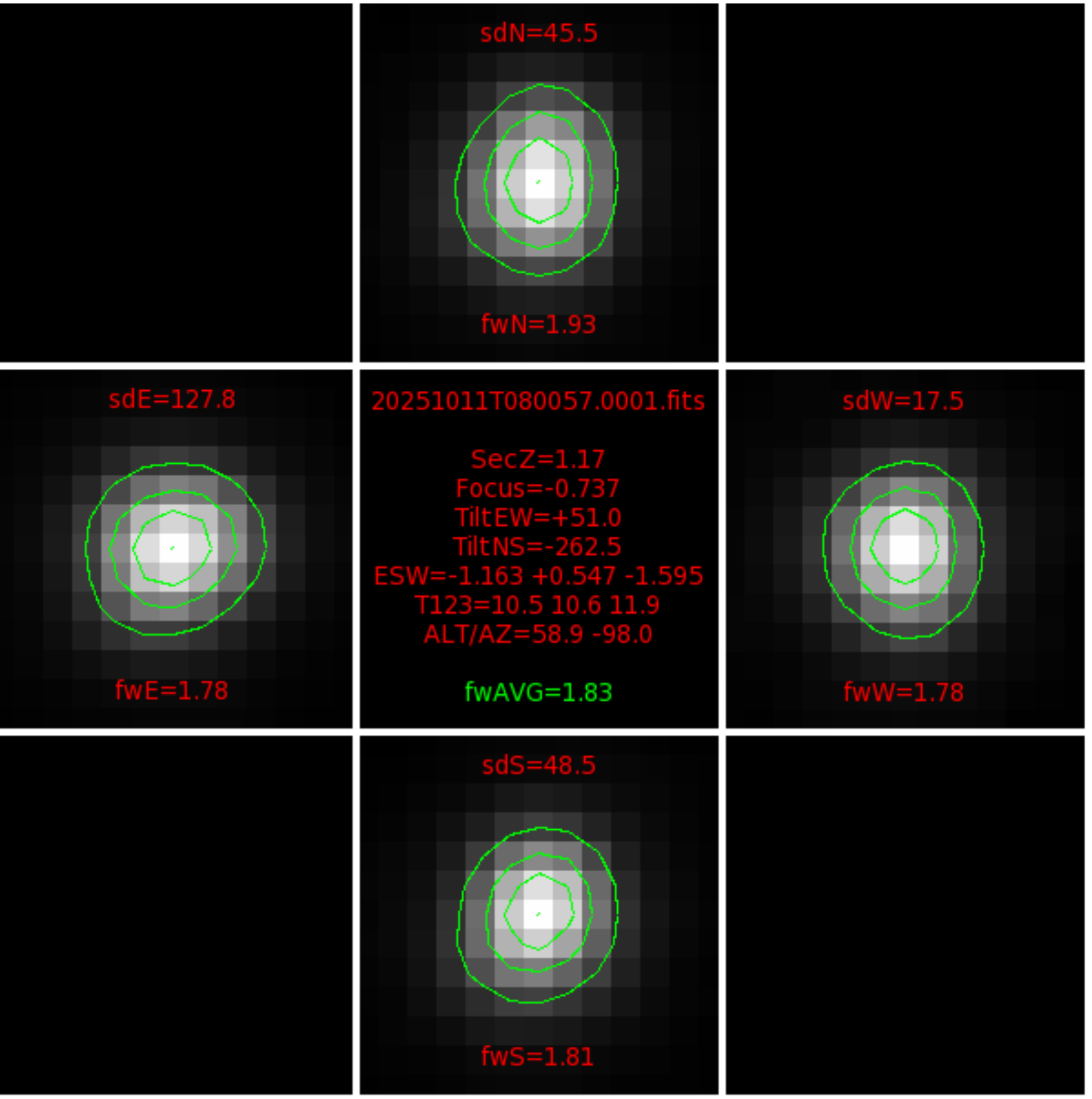
sdN=45.5
fwN=1.93
sdE=127.8
fwE=1.78
20251011T080057.0001.fits
SecZ=1.17
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.6 11.9
ALT/AZ=58.9 -98.0
fwAVG=1.83
sdW=17.5
fwW=1.78
sdS=48.5
fwS=1.81
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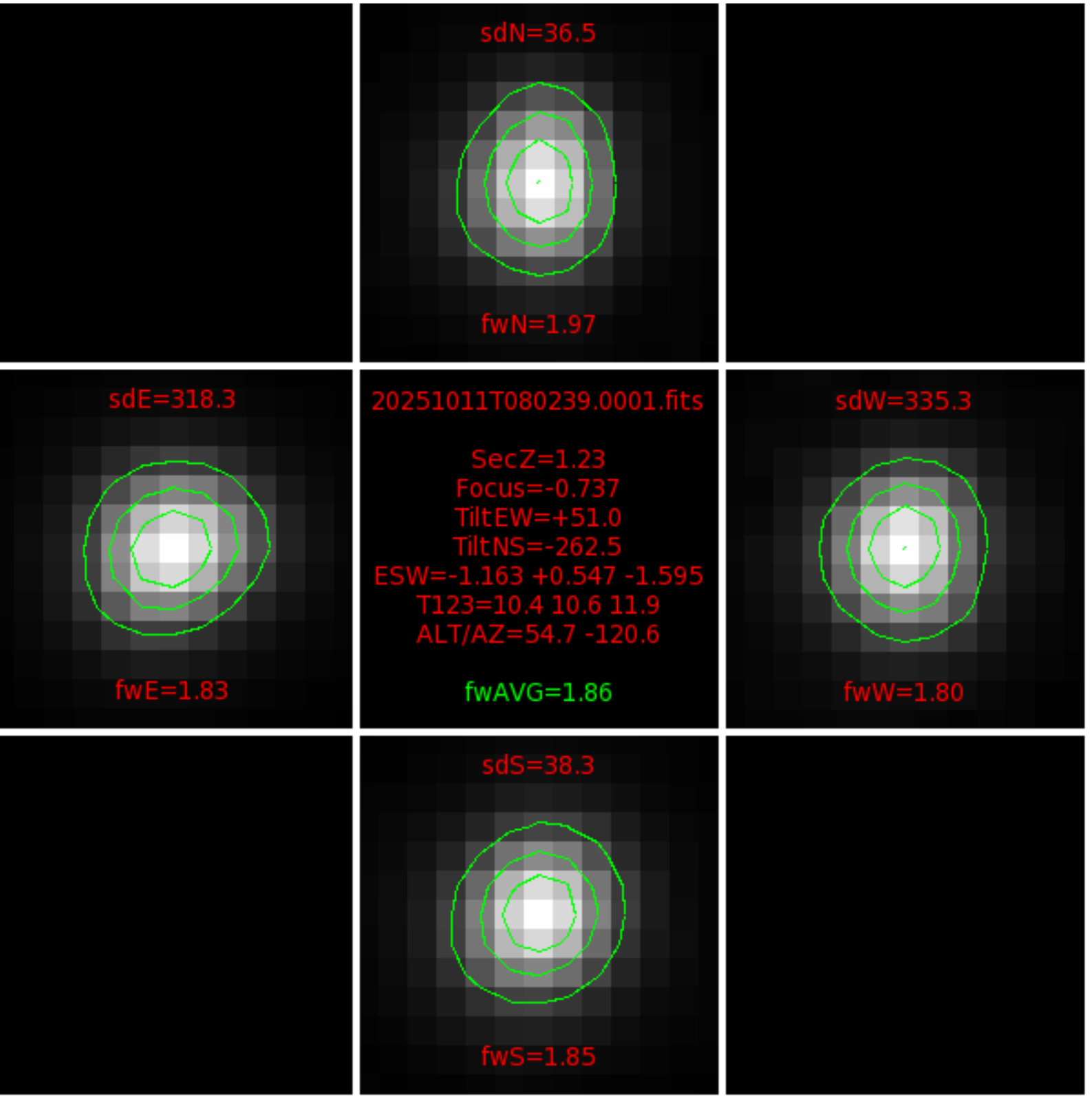
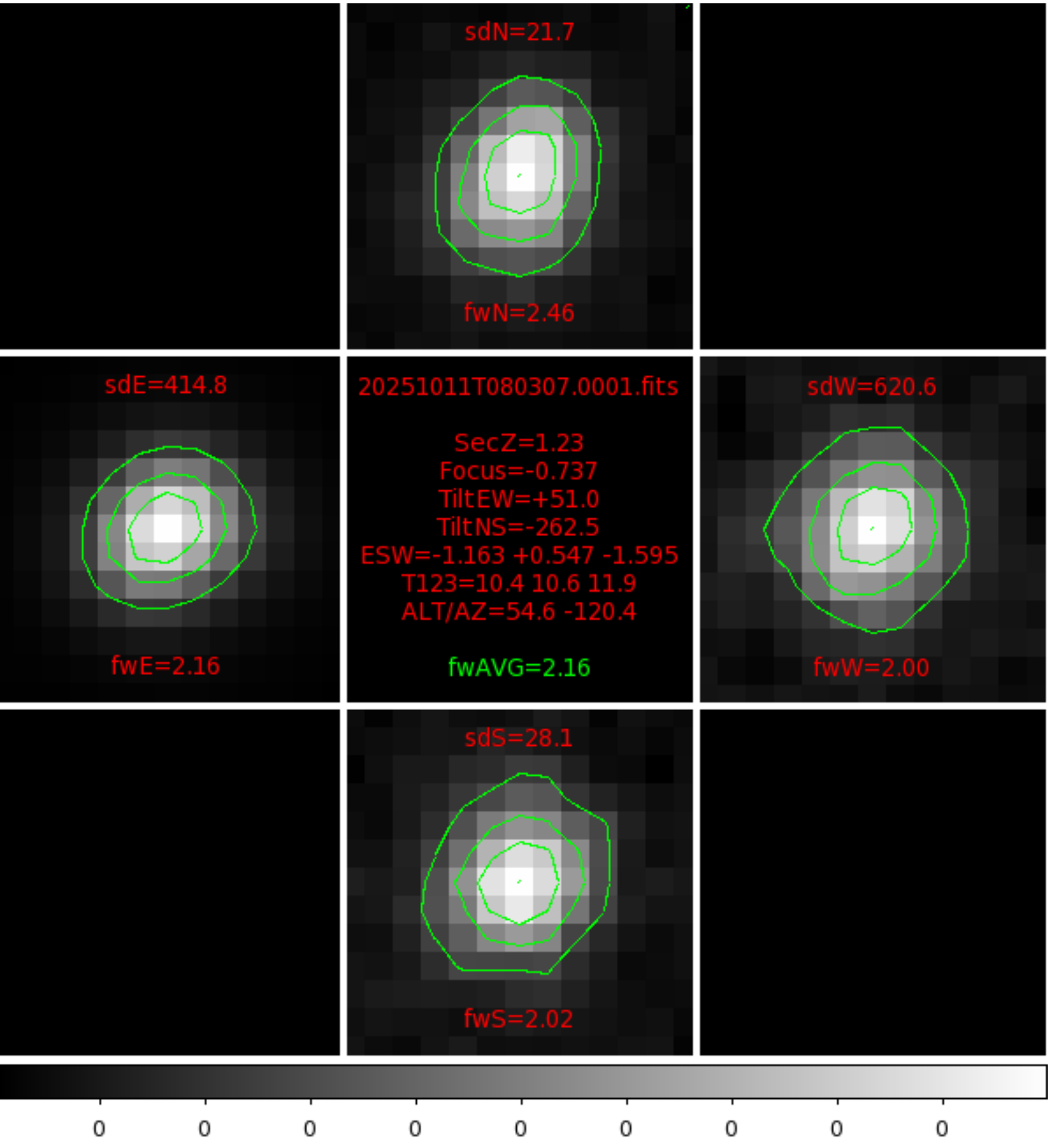
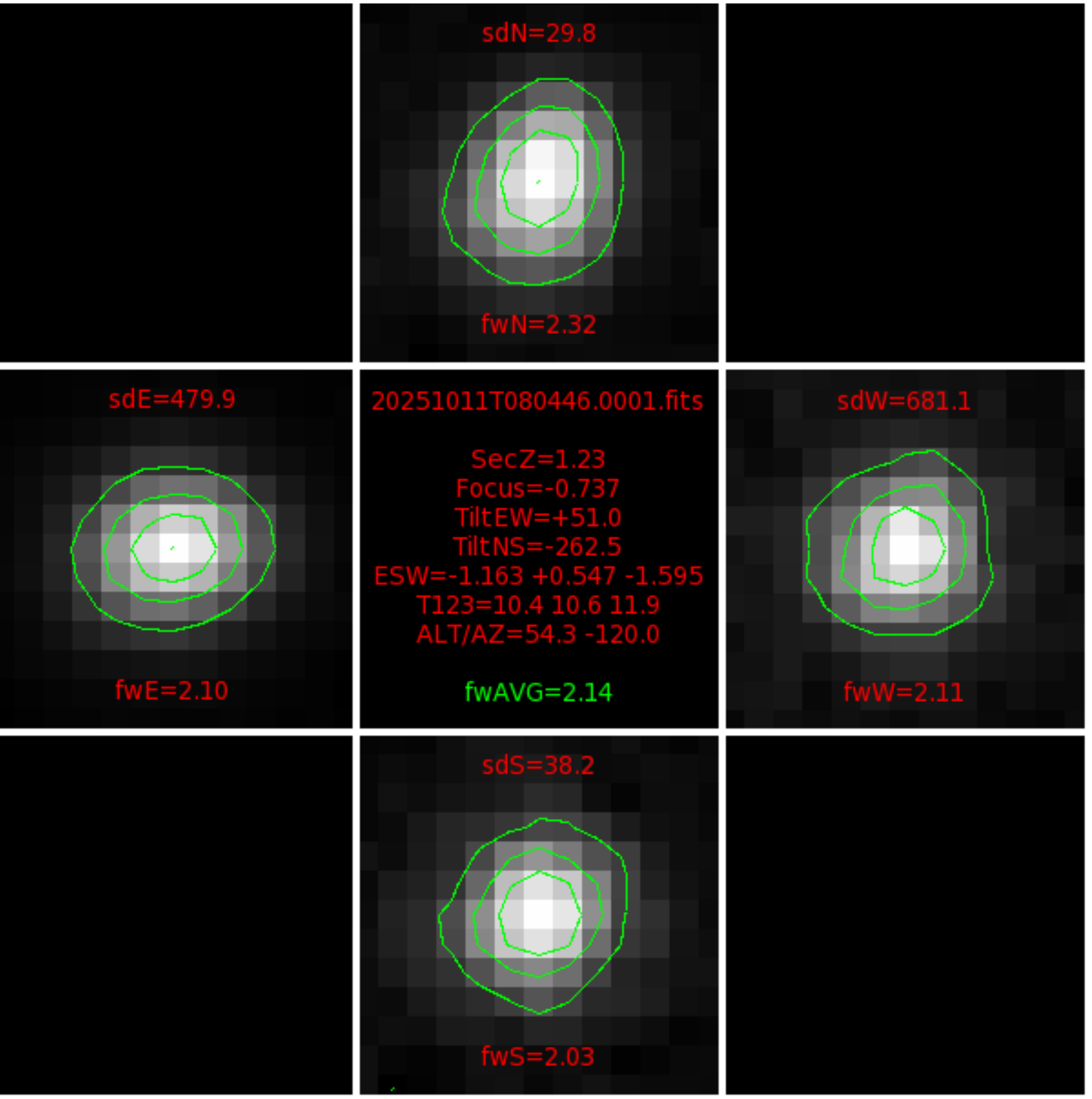
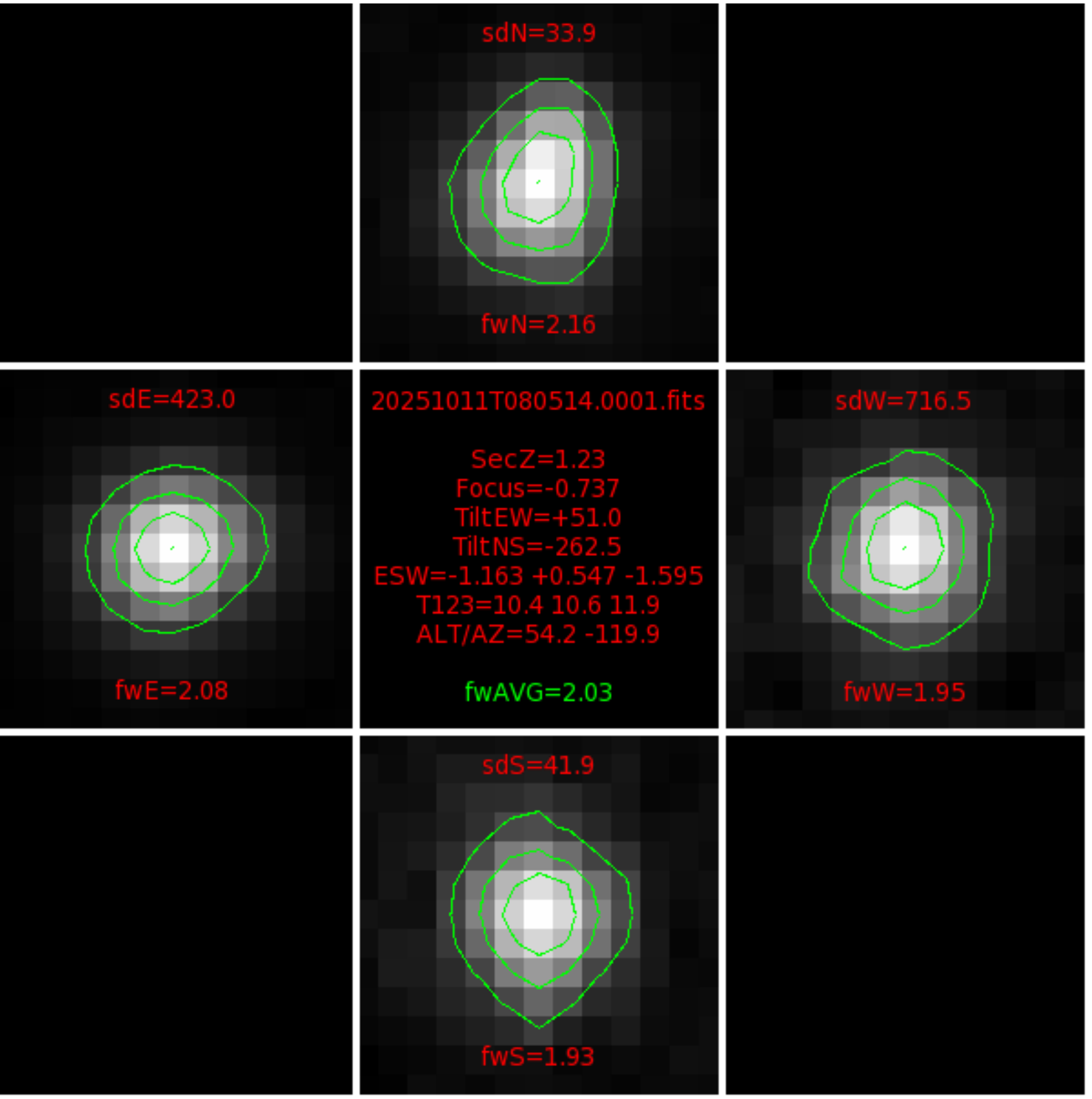

sdN=36.5
fwN=1.97
sdE=318.3
fwE=1.83
20251011T080239.0001.fits
SecZ=1.23
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.4 10.6 11.9
ALT/AZ=54.7 -120.6
fwAVG=1.86
sdW=335.3
fwW=1.80
sdS=38.3
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=21.7
fwN=2.46
sdE=414.8
fwE=2.16
20251011T080307.0001.fits
SecZ=1.23
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.4 10.6 11.9
ALT/AZ=54.6 -120.4
fwAVG=2.16
sdW=620.6
fwW=2.00
sdS=28.1
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=29.8
fwN=2.32
sdE=479.9
fwE=2.10
20251011T080446.0001.fits
SecZ=1.23
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.4 10.6 11.9
ALT/AZ=54.3 -120.0
fwAVG=2.14
sdW=681.1
fwW=2.11
sdS=38.2
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=33.9
fwN=2.16
sdE=423.0
fwE=2.08
20251011T080514.0001.fits
SecZ=1.23
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.4 10.6 11.9
ALT/AZ=54.2 -119.9
fwAVG=2.03
sdW=716.5
fwW=1.95
sdS=41.9
fwS=1.93
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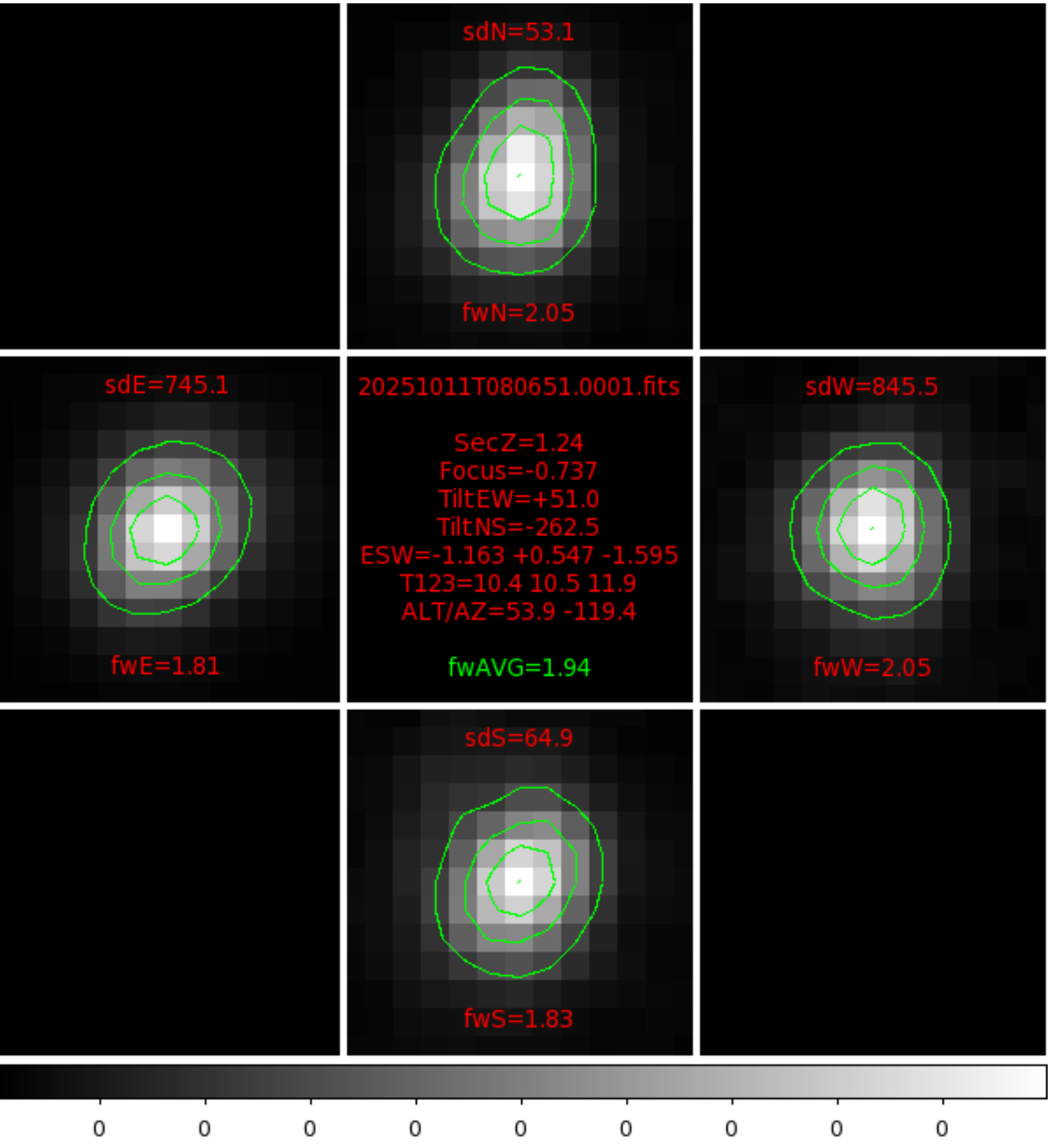
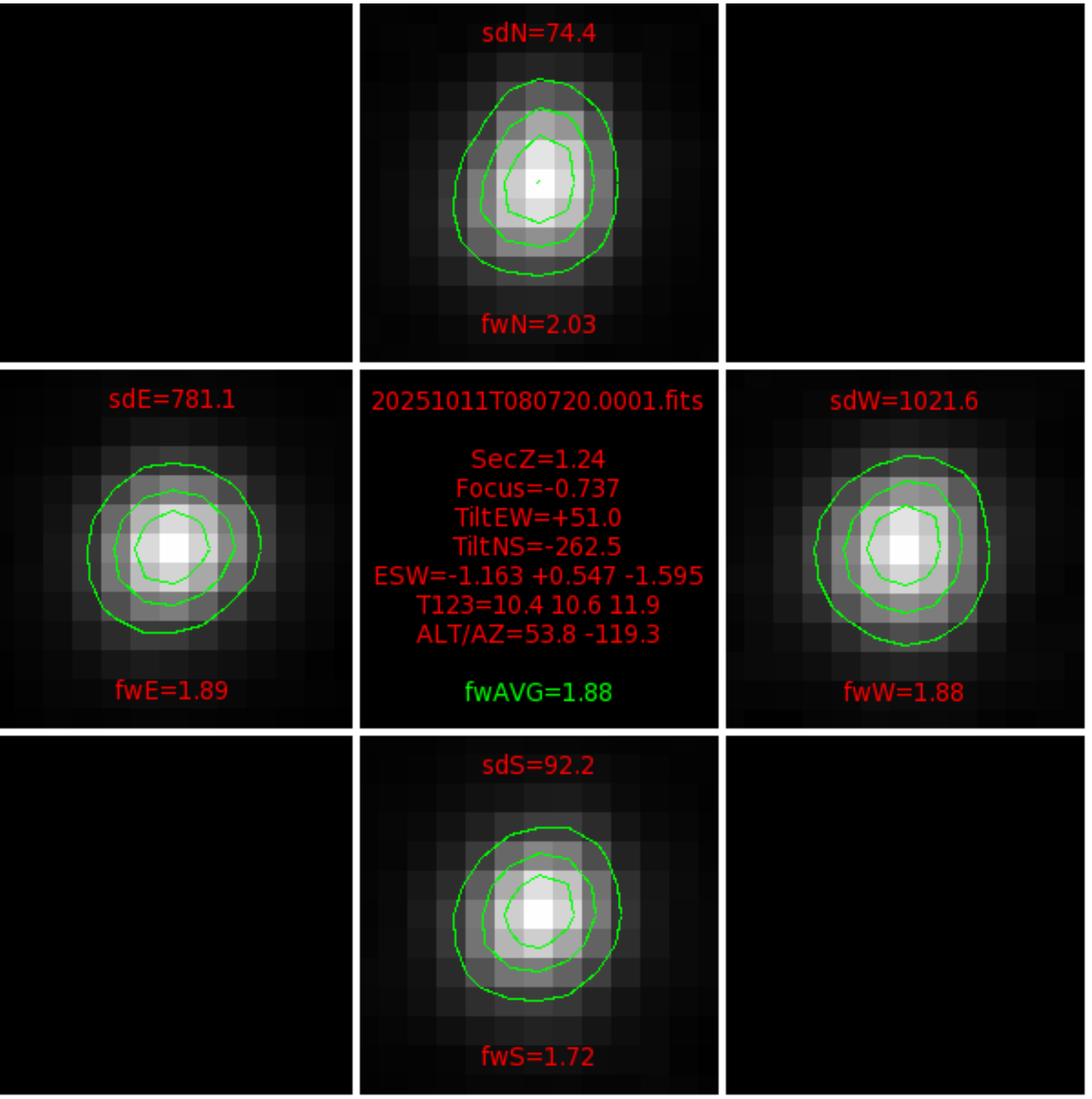
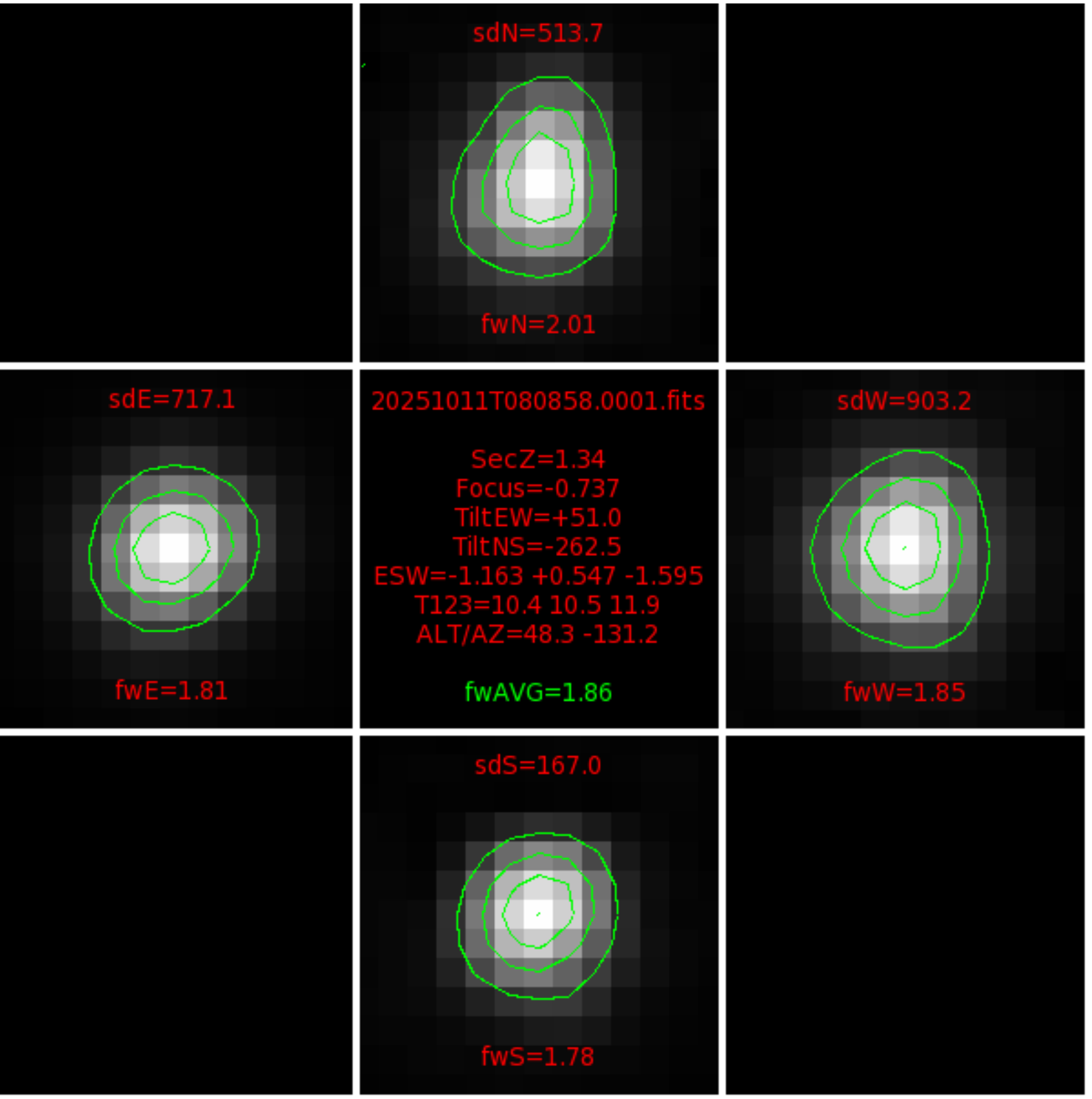

sdN=53.1
fwN=2.05
sdE=745.1
fwE=1.81
20251011T080651.0001.fits
SecZ=1.24
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.4 10.5 11.9
ALT/AZ=53.9 -119.4
fwAVG=1.94
sdW=845.5
fwW=2.05
sdS=64.9
fwS=1.83
0 0 0 0 0 0 0 0 0


sdN=74.4
fwN=2.03
sdE=781.1
fwE=1.89
20251011T080720.0001.fits
SecZ=1.24
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.4 10.6 11.9
ALT/AZ=53.8 -119.3
fwAVG=1.88
sdW=1021.6
fwW=1.88
sdS=92.2
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=513.7
fwN=2.01
sdE=717.1
fwE=1.81
20251011T080858.0001.fits
SecZ=1.34
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.4 10.5 11.9
ALT/AZ=48.3 -131.2
fwAVG=1.86
sdW=903.2
fwW=1.85
sdS=167.0
fwS=1.78
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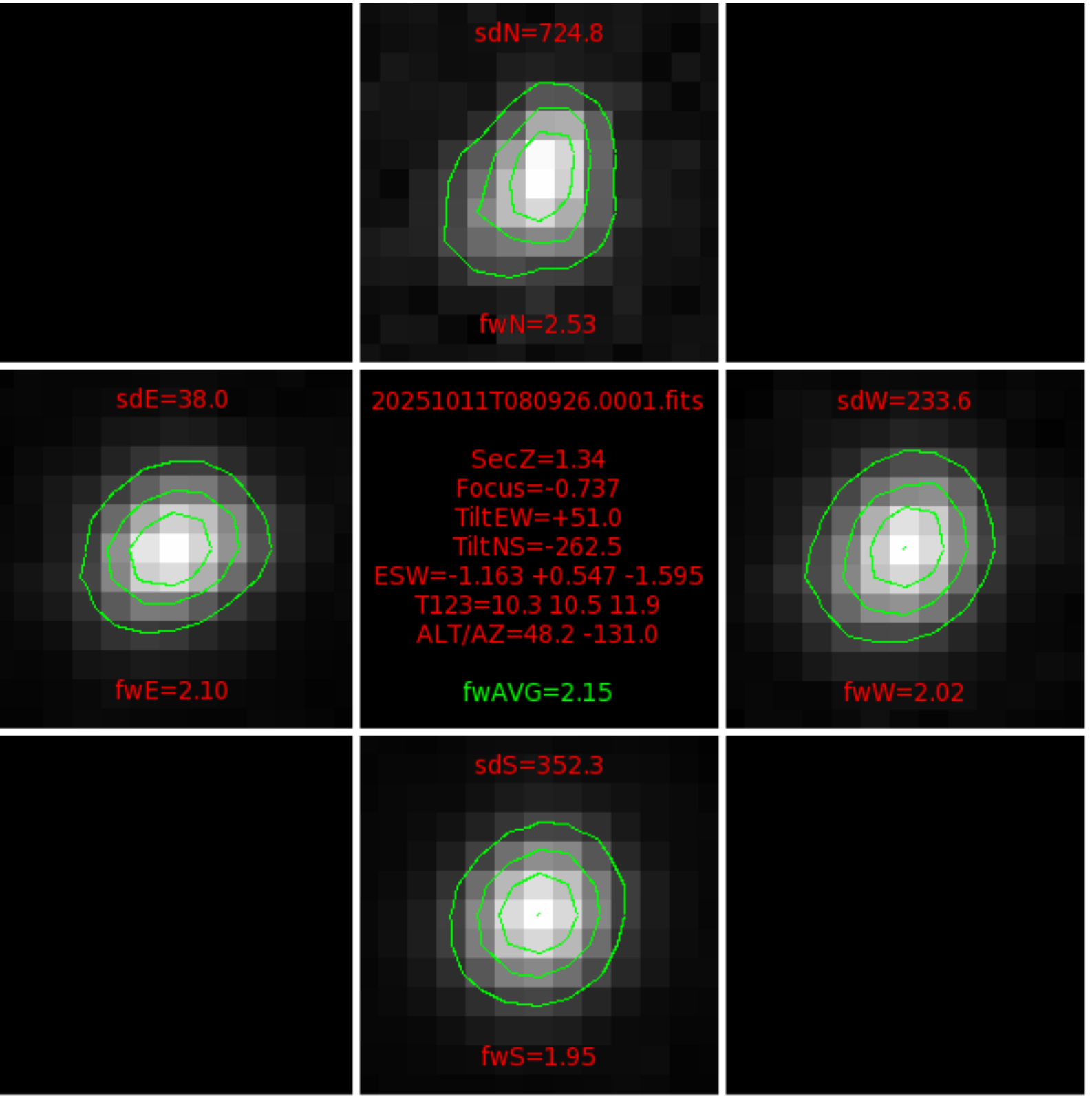
sdN=724.8
fwN=2.53
sdE=38.0
fwE=2.10
20251011T080926.0001.fits
SecZ=1.34
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.3 10.5 11.9
ALT/AZ=48.2 -131.0
fwAVG=2.15
sdW=233.6
fwW=2.02
sdS=352.3
fwS=1.95
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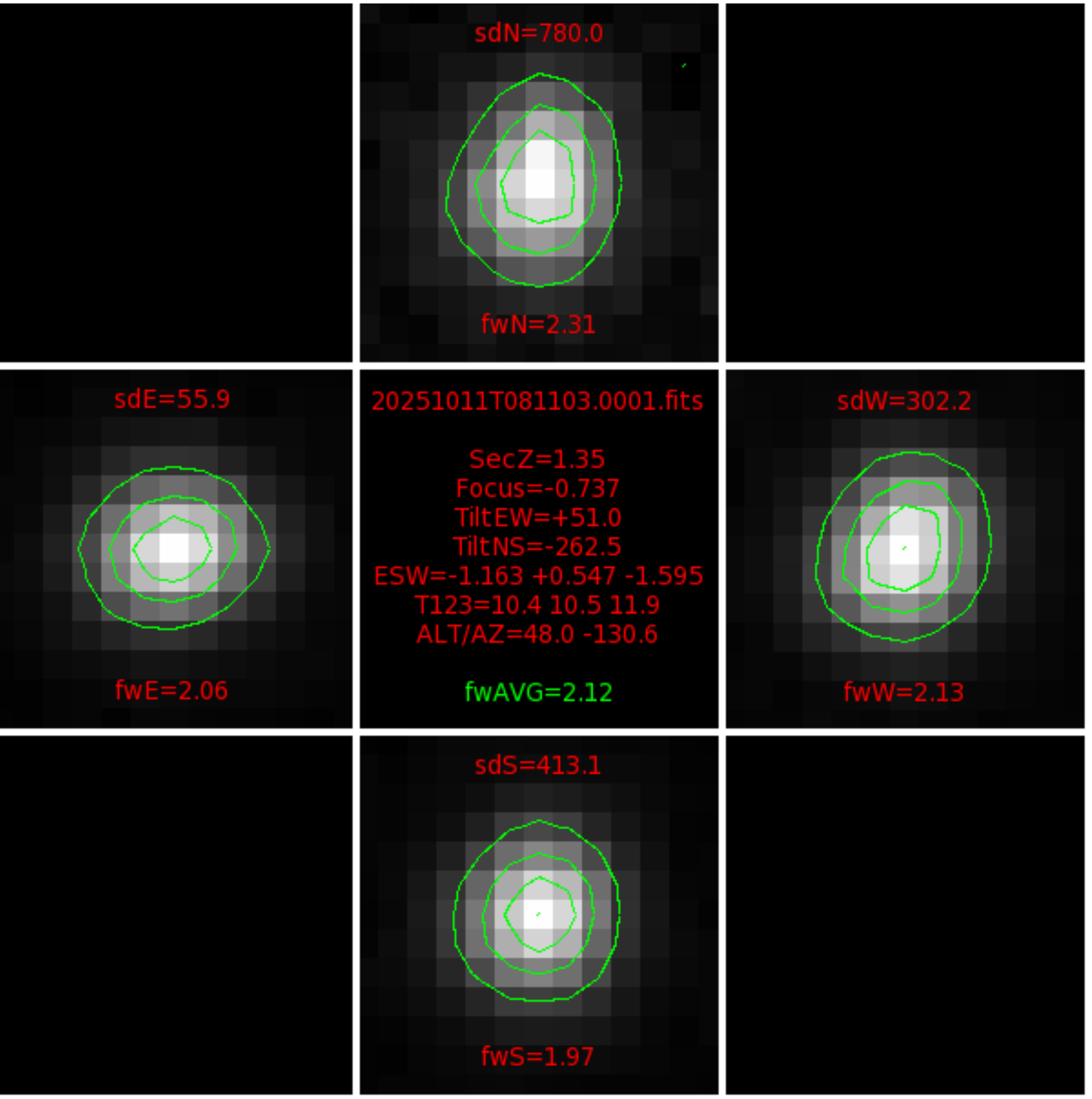
sdN=780.0
fwN=2.31
sdE=55.9
fwE=2.06
20251011T081103.0001.fits
SecZ=1.35
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.4 10.5 11.9
ALT/AZ=48.0 -130.6
fwAVG=2.12
sdW=302.2
fwW=2.13
sdS=413.1
fwS=1.97
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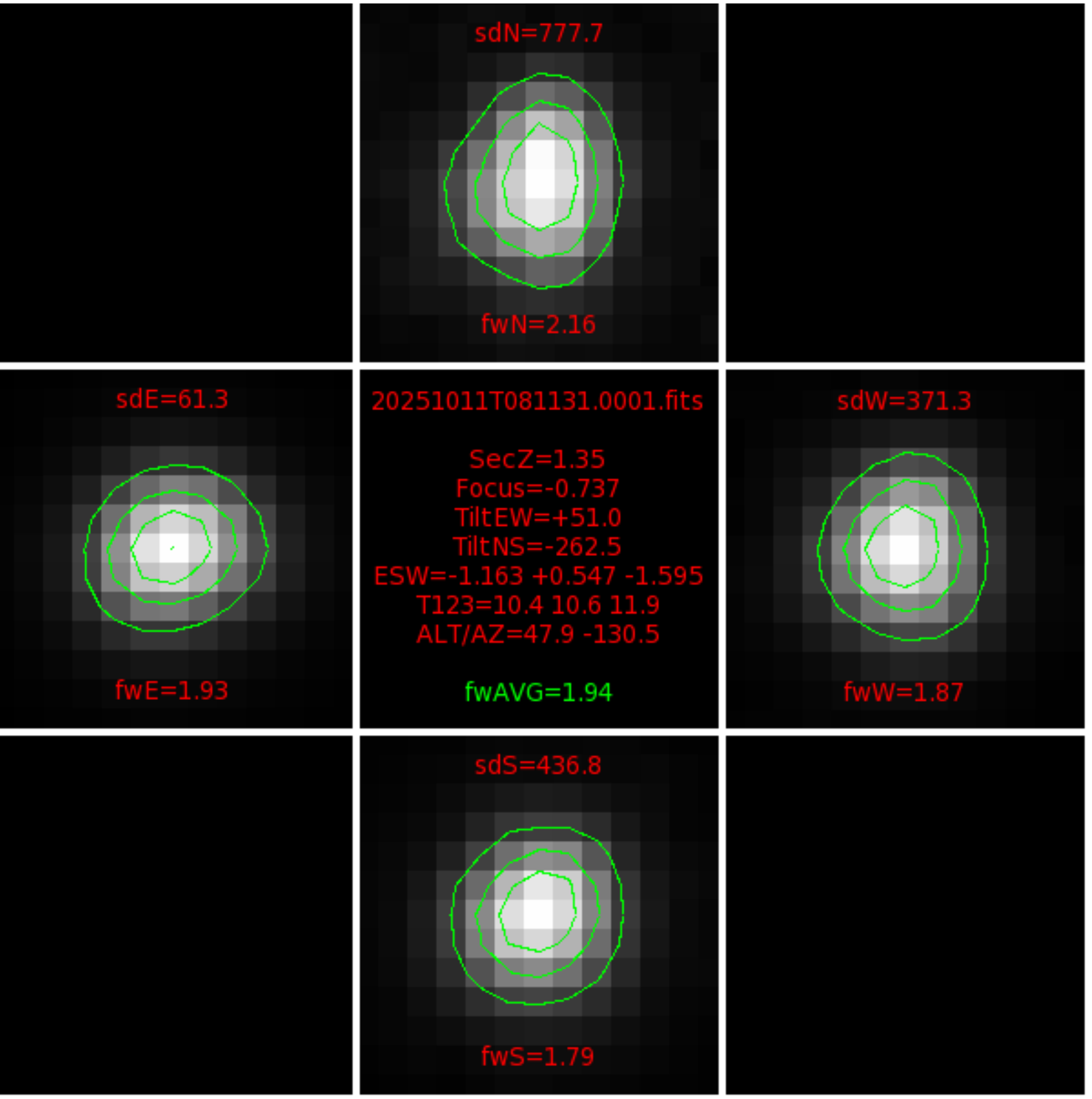
sdN=777.7
fwN=2.16
sdE=61.3
fwE=1.93
20251011T081131.0001.fits
SecZ=1.35
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.4 10.6 11.9
ALT/AZ=47.9 -130.5
fwAVG=1.94
sdW=371.3
fwW=1.87
sdS=436.8
fwS=1.79
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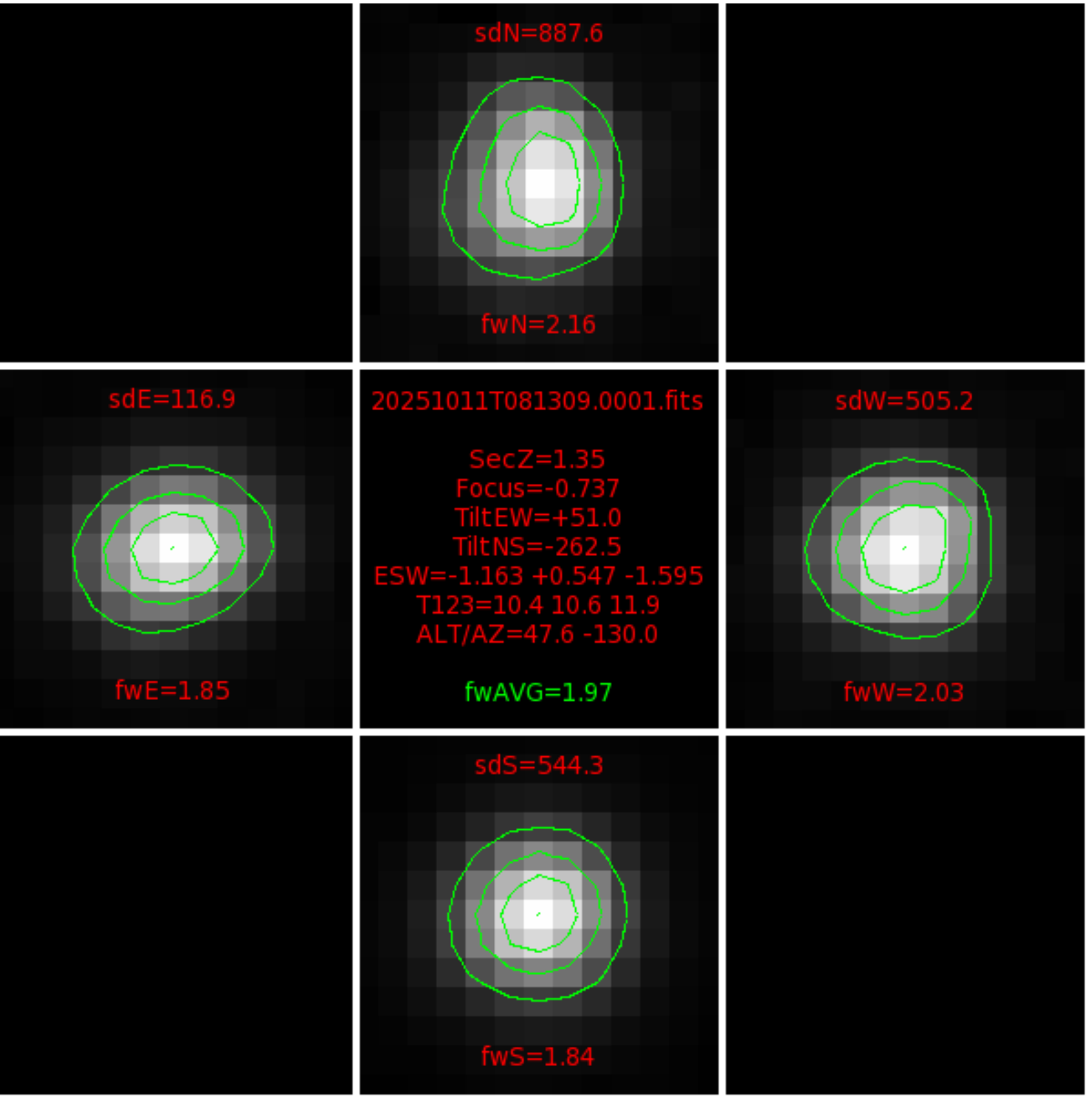
sdN=887.6
fwN=2.16
sdE=116.9
fwE=1.85
20251011T081309.0001.fits
SecZ=1.35
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.4 10.6 11.9
ALT/AZ=47.6 -130.0
fwAVG=1.97
sdW=505.2
fwW=2.03
sdS=544.3
fwS=1.84
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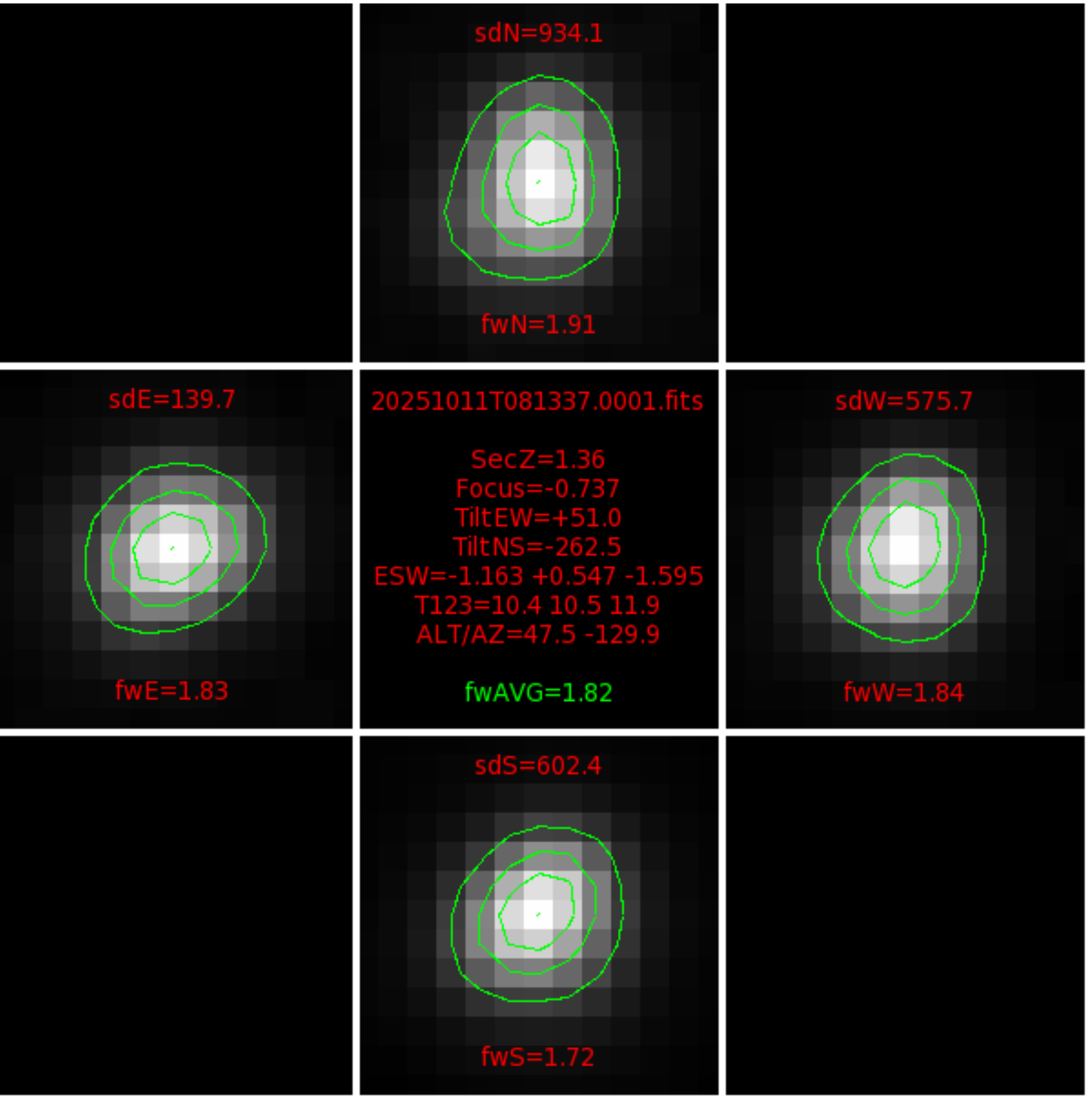
sdN=934.1
fwN=1.91
sdE=139.7
fwE=1.83
20251011T081337.0001.fits
SecZ=1.36
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.4 10.5 11.9
ALT/AZ=47.5 -129.9
fwAVG=1.82
sdW=575.7
fwW=1.84
sdS=602.4
fwS=1.72
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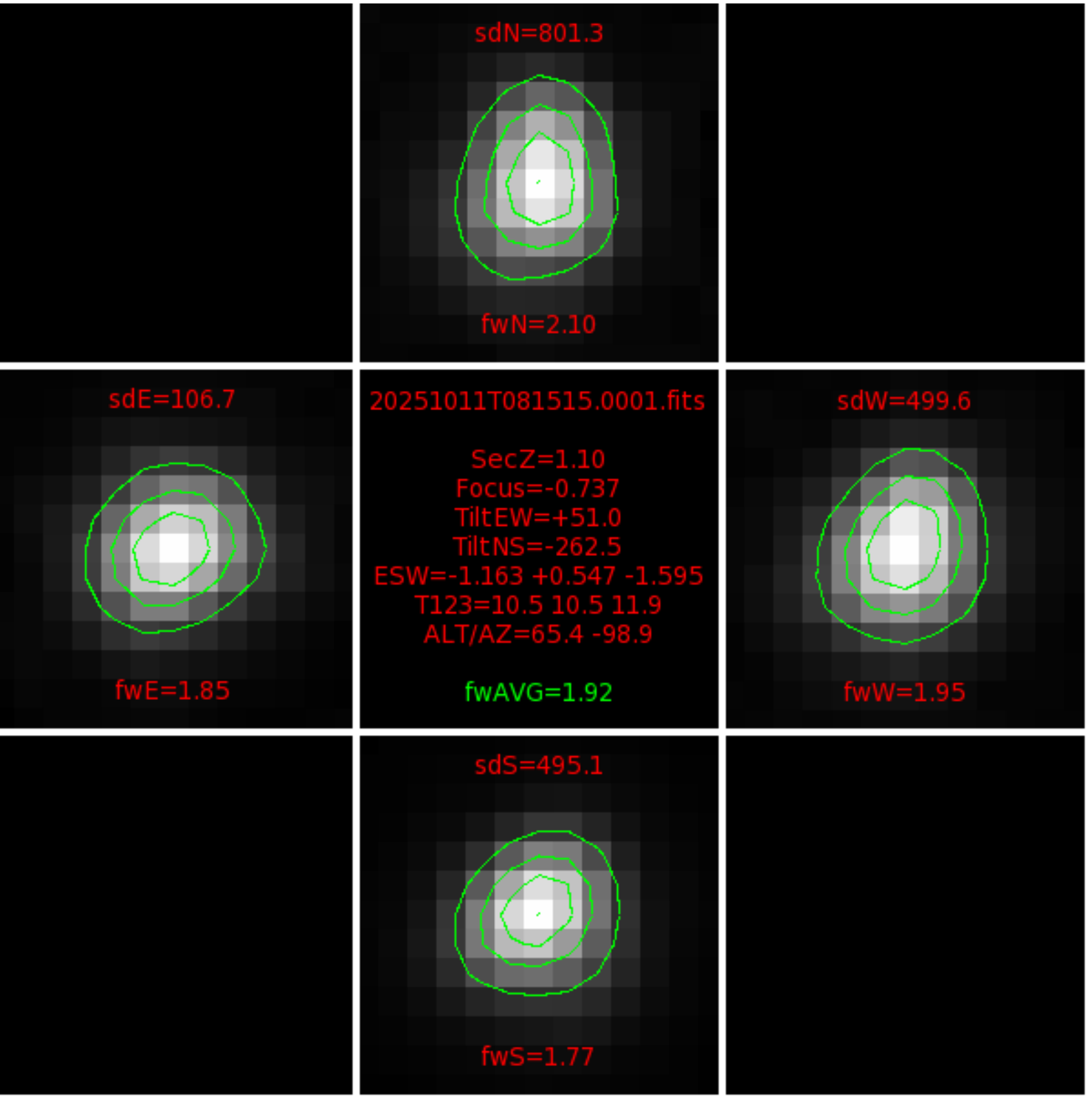
sdN=801.3
fwN=2.10
sdE=106.7
fwE=1.85
20251011T081515.0001.fits
SecZ=1.10
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.5 11.9
ALT/AZ=65.4 -98.9
fwAVG=1.92
sdW=499.6
fwW=1.95
sdS=495.1
fwS=1.77
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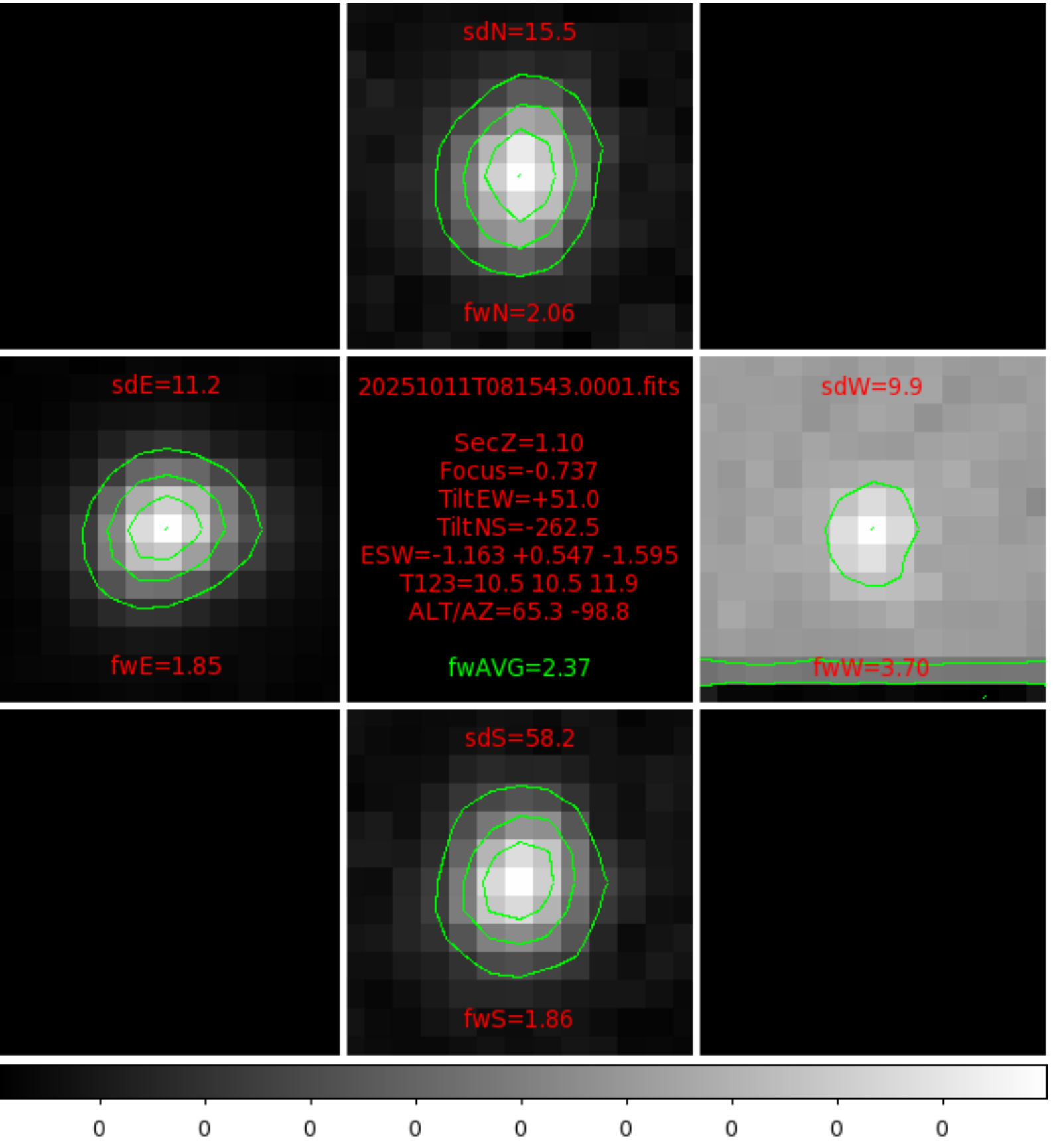
sdN=15.5
fwN=2.06
sdE=11.2
fwE=1.85
20251011T081543.0001.fits
SecZ=1.10
Focus=-0.737
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.163 +0.547 -1.595
T123=10.5 10.5 11.9
ALT/AZ=65.3 -98.8
fwAVG=2.37
sdW=9.9
fwW=3.70
sdS=58.2
fwS=1.86
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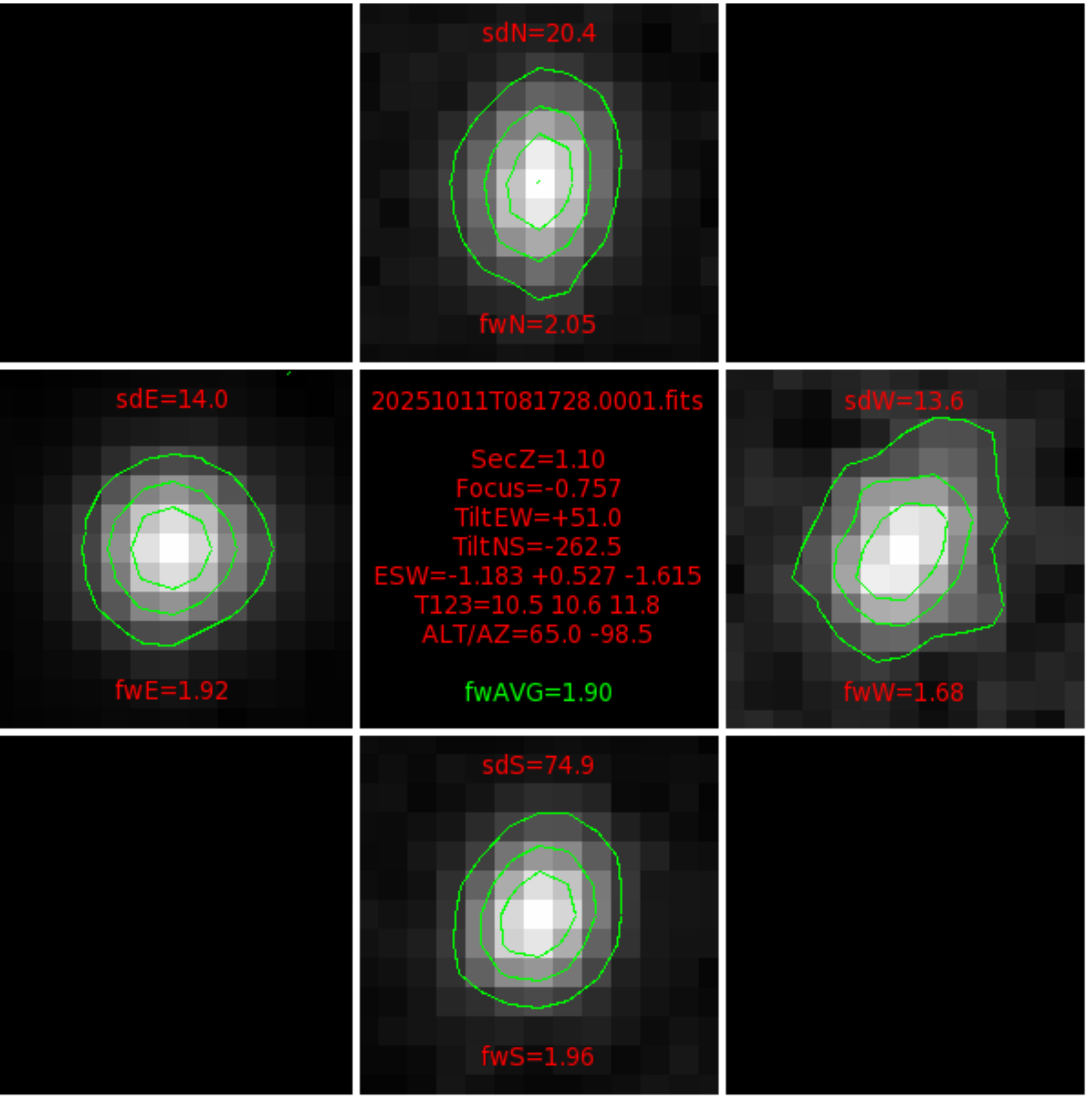
sdN=20.4
fwN=2.05
sdE=14.0
fwE=1.92
20251011T081728.0001.fits
SecZ=1.10
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=10.5 10.6 11.8
ALT/AZ=65.0 -98.5
fwAVG=1.90
sdW=13.6
fwW=1.68
sdS=74.9
fwS=1.96
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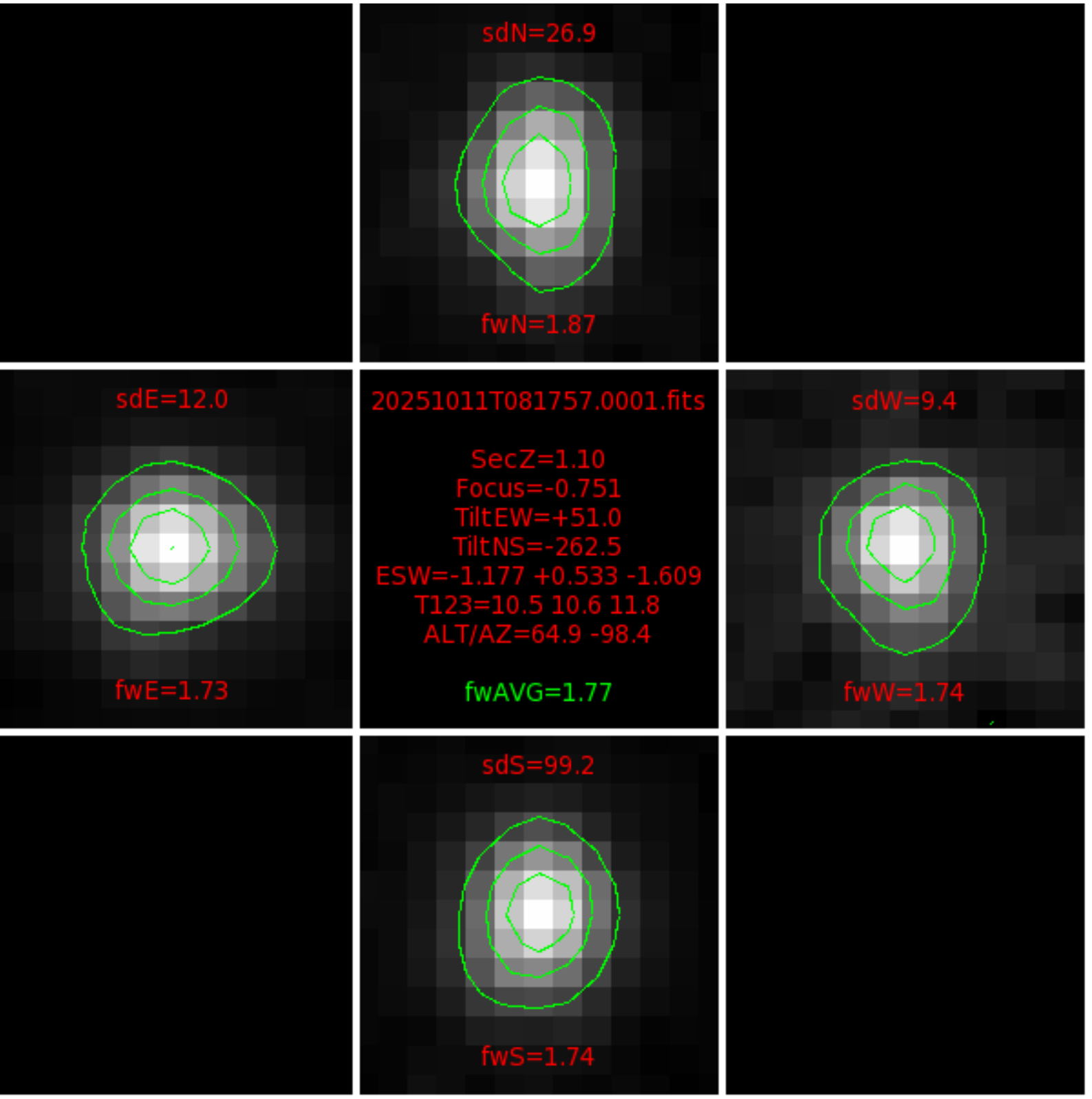
sdN=26.9
fwN=1.87
sdE=12.0
fwE=1.73
20251011T081757.0001.fits
SecZ=1.10
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.6 11.8
ALT/AZ=64.9 -98.4
fwAVG=1.77
sdW=9.4
fwW=1.74
sdS=99.2
fwS=1.74
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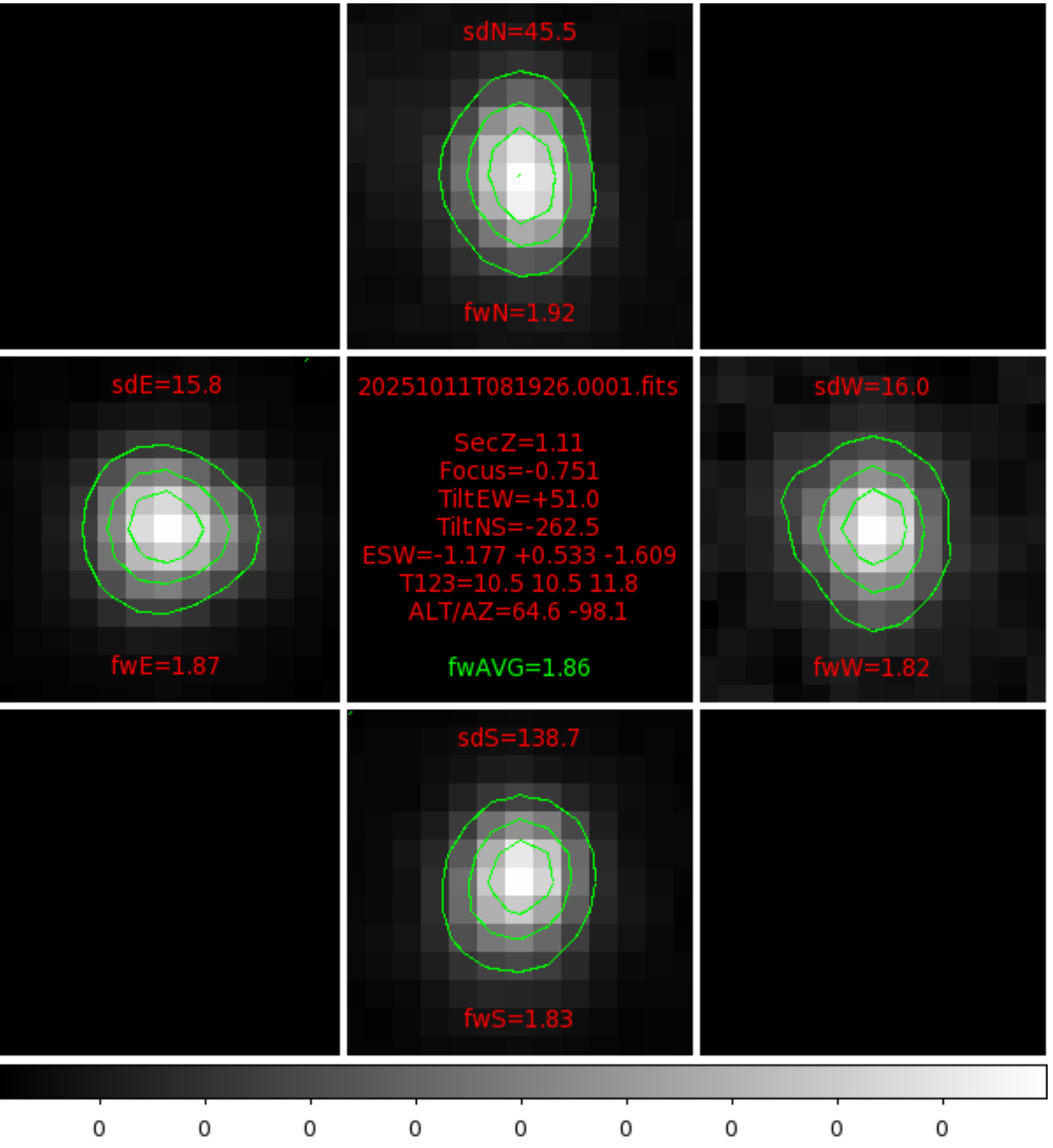
sdN=45.5
fwN=1.92
sdE=15.8
fwE=1.87
20251011T081926.0001.fits
SecZ=1.11
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.5 11.8
ALT/AZ=64.6 -98.1
fwAVG=1.86
sdW=16.0
fwW=1.82
sdS=138.7
fwS=1.83
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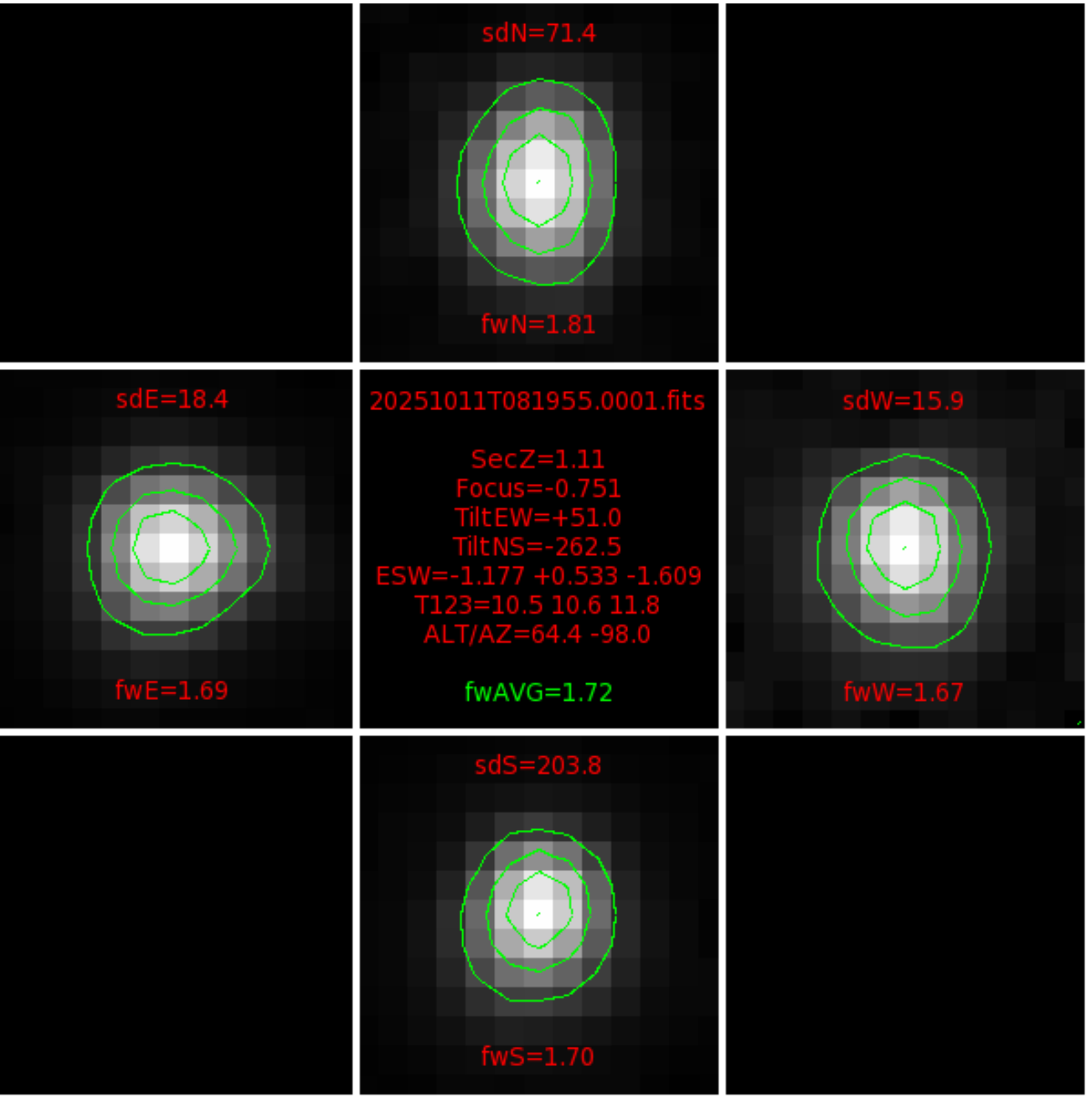
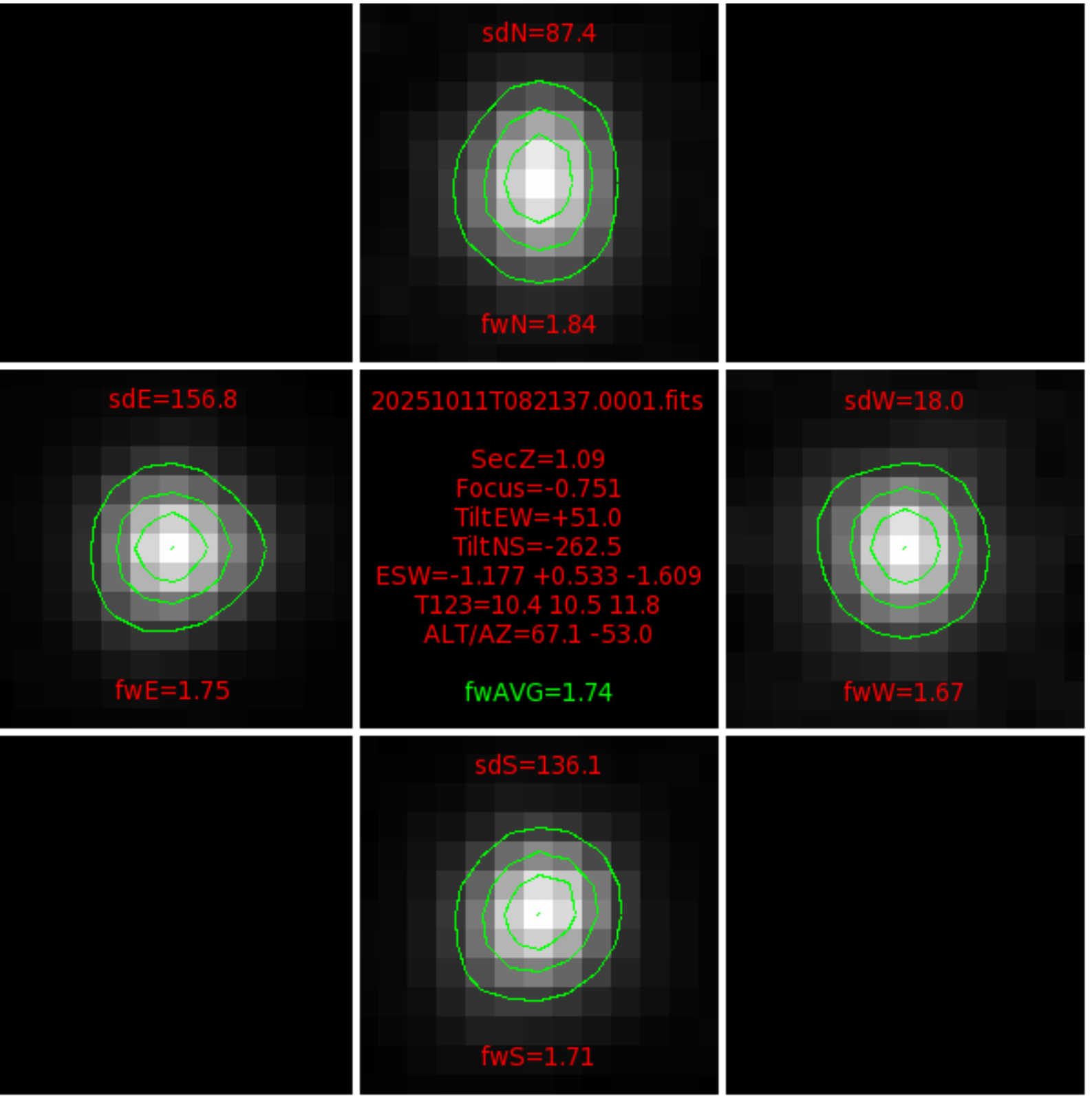

sdN=71.4
fwN=1.81
sdE=18.4
fwE=1.69
20251011T081955.0001.fits
SecZ=1.11
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.5 10.6 11.8
ALT/AZ=64.4 -98.0
fwAVG=1.72
sdW=15.9
fwW=1.67
sdS=203.8
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=87.4
fwN=1.84
sdE=156.8
fwE=1.75
20251011T082137.0001.fits
SecZ=1.09
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.4 10.5 11.8
ALT/AZ=67.1 -53.0
fwAVG=1.74
sdW=18.0
fwW=1.67
sdS=136.1
fwS=1.71
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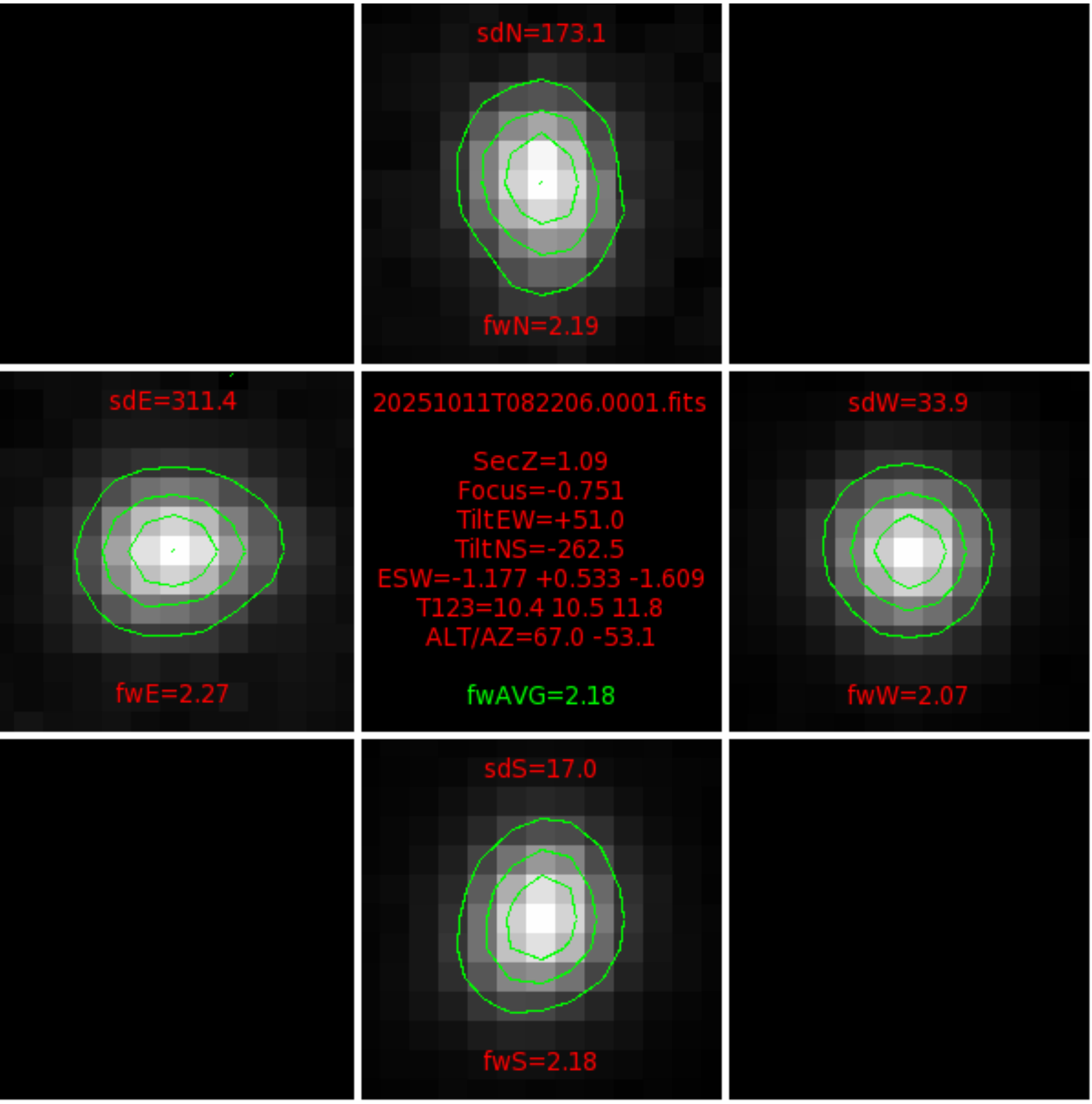
sdN=173.1
fwN=2.19
sdE=311.4
fwE=2.27
20251011T082206.0001.fits
SecZ=1.09
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.4 10.5 11.8
ALT/AZ=67.0 -53.1
fwAVG=2.18
sdW=33.9
fwW=2.07
sdS=17.0
fwS=2.18
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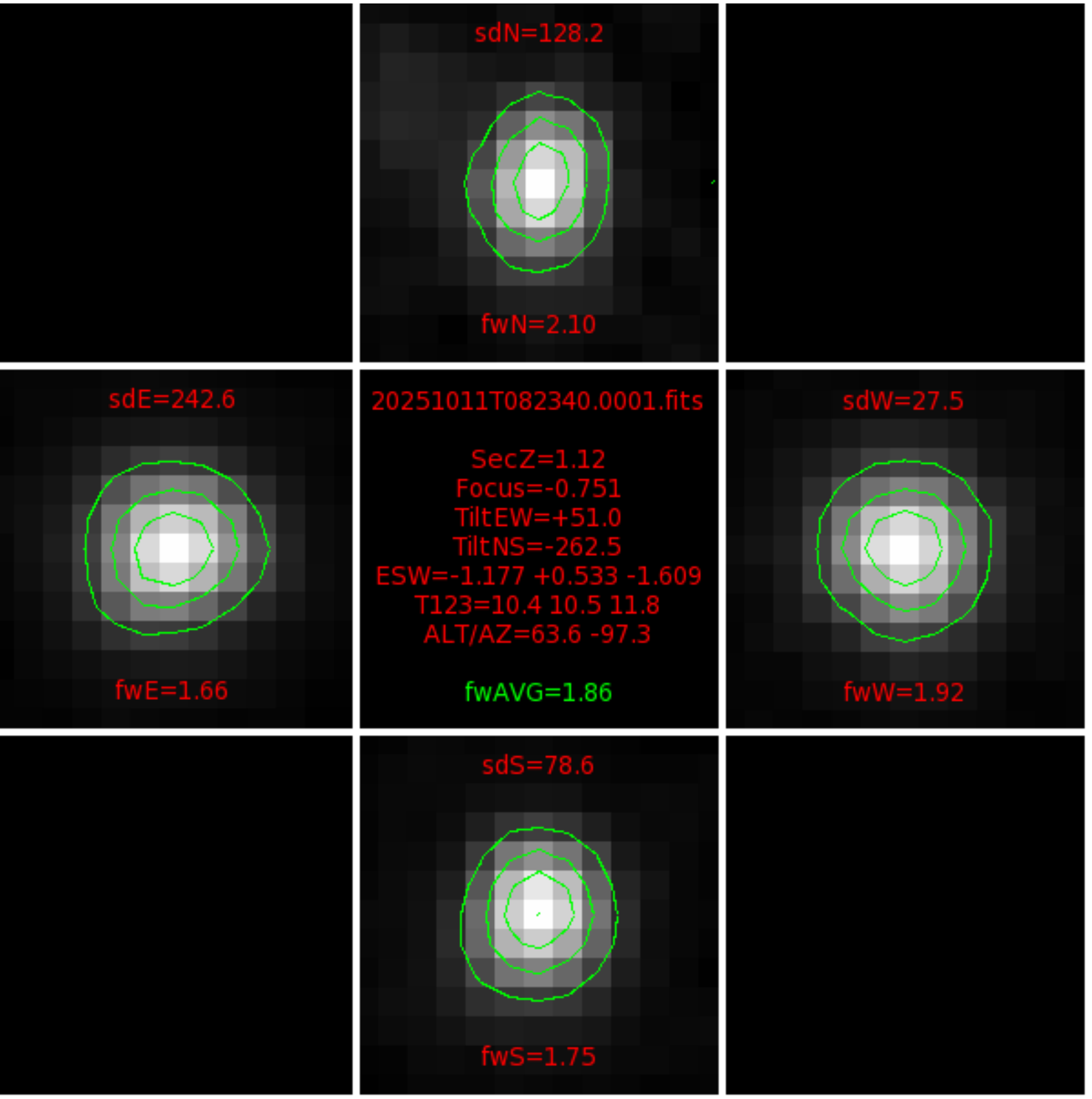
sdN=128.2
fwN=2.10
sdE=242.6
fwE=1.66
20251011T082340.0001.fits
SecZ=1.12
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.4 10.5 11.8
ALT/AZ=63.6 -97.3
fwAVG=1.86
sdW=27.5
fwW=1.92
sdS=78.6
fwS=1.75
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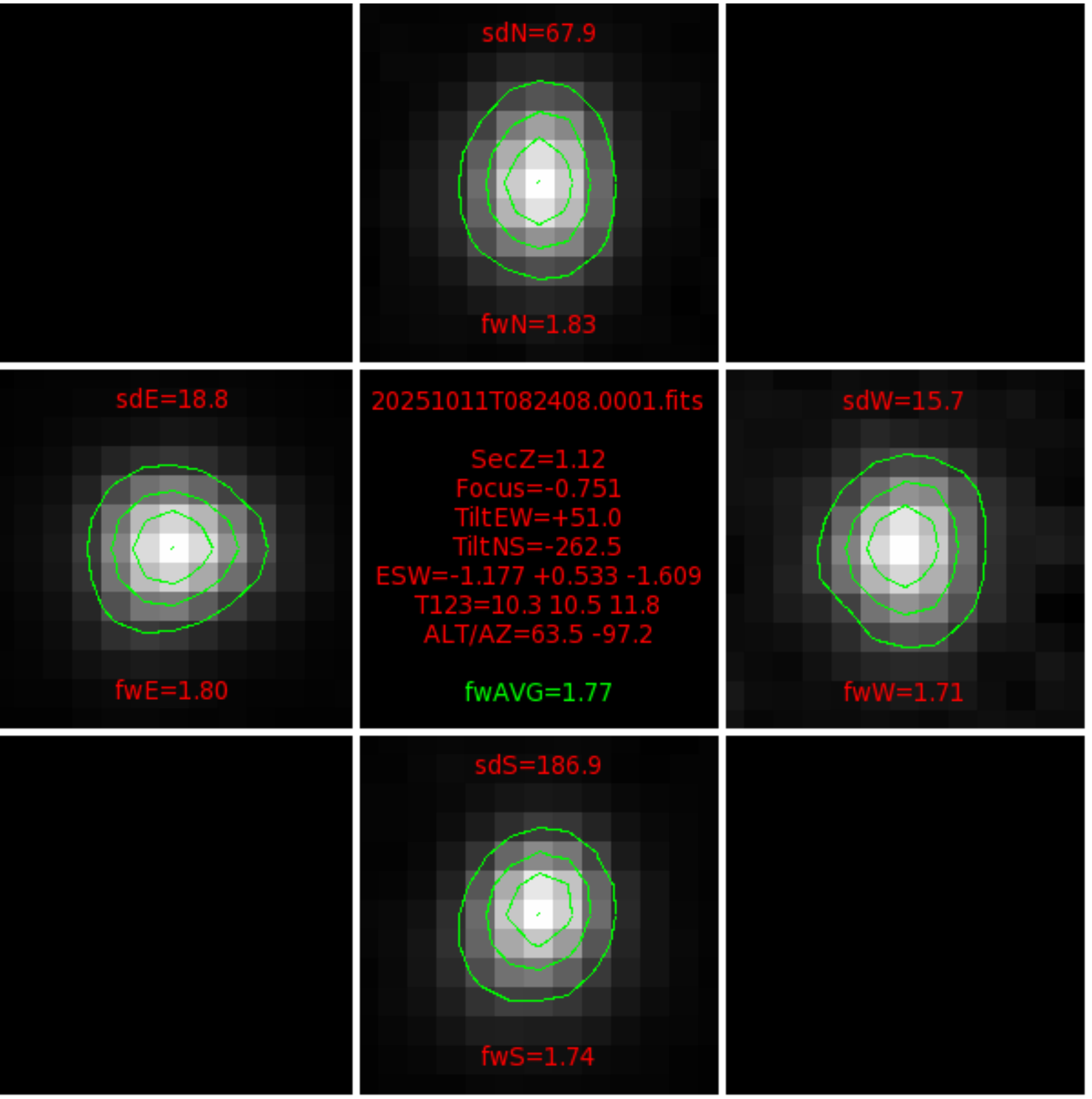
sdN=67.9
fwN=1.83
sdE=18.8
fwE=1.80
20251011T082408.0001.fits
SecZ=1.12
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.3 10.5 11.8
ALT/AZ=63.5 -97.2
fwAVG=1.77
sdW=15.7
fwW=1.71
sdS=186.9
fwS=1.74
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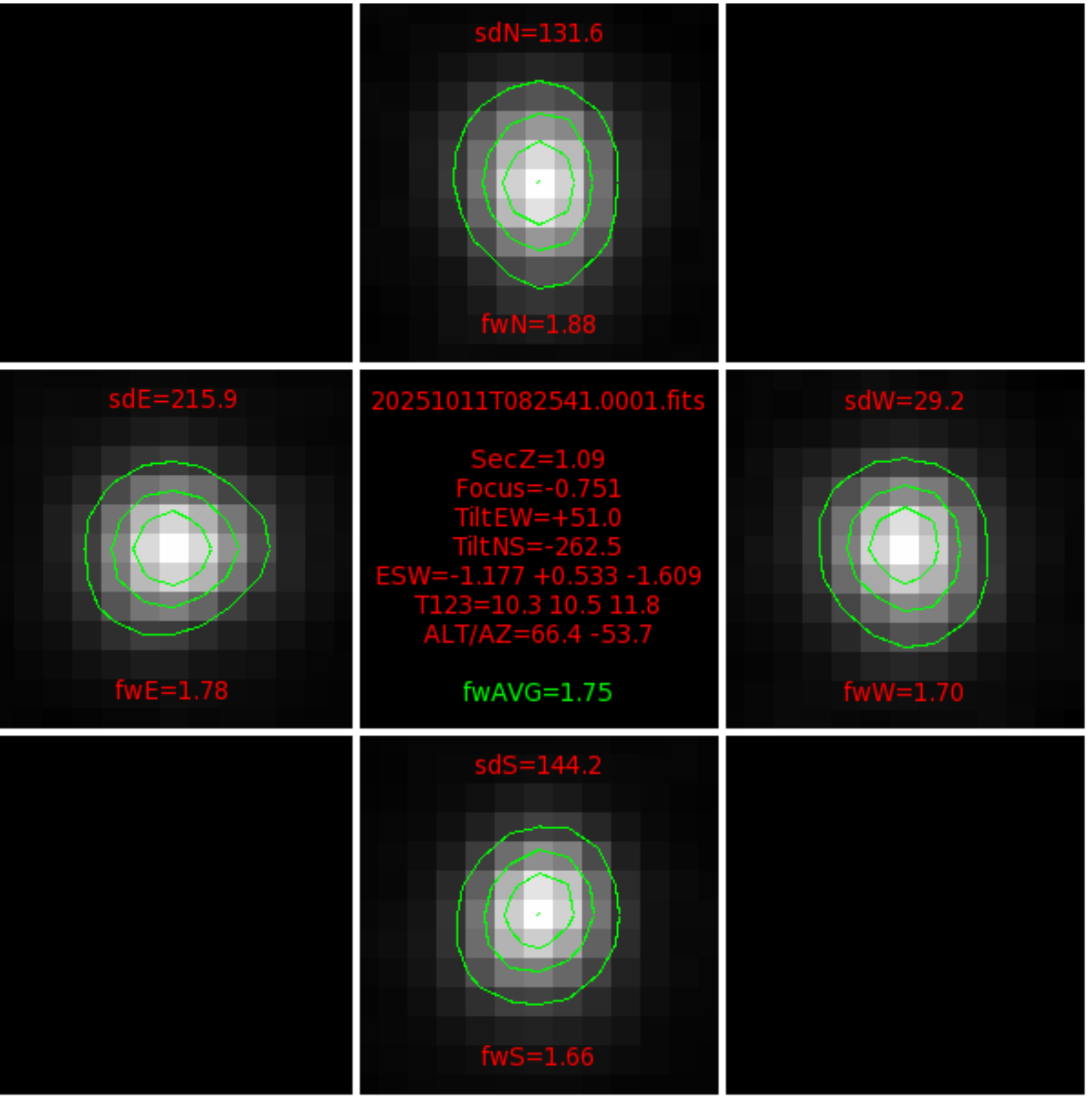
sdN=131.6
fwN=1.88
sdE=215.9
fwE=1.78
20251011T082541.0001.fits
SecZ=1.09
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.3 10.5 11.8
ALT/AZ=66.4 -53.7
fwAVG=1.75
sdW=29.2
fwW=1.70
sdS=144.2
fwS=1.66
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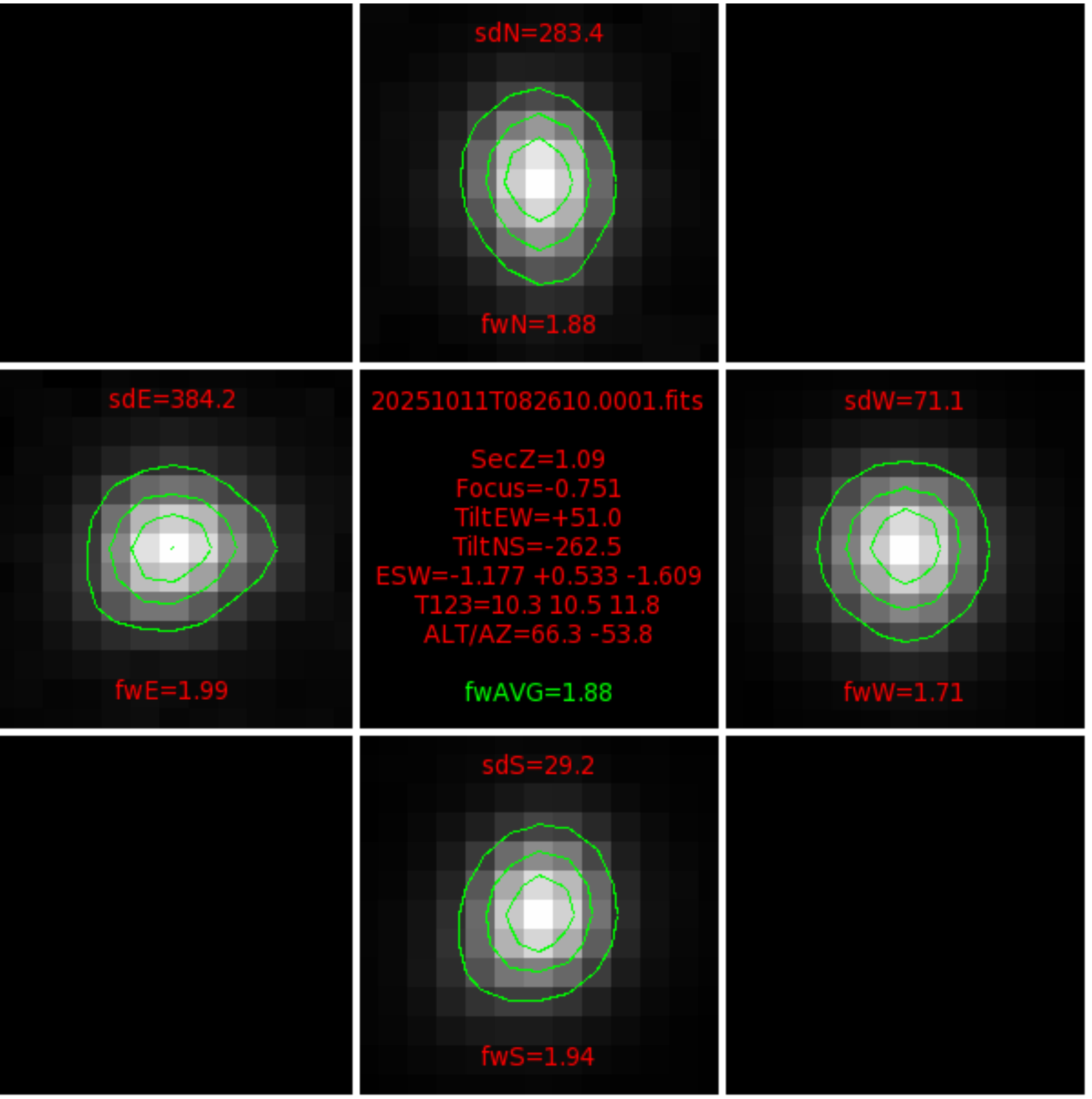
sdN=283.4
fwN=1.88
sdE=384.2
fwE=1.99
20251011T082610.0001.fits
SecZ=1.09
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.3 10.5 11.8
ALT/AZ=66.3 -53.8
fwAVG=1.88
sdW=71.1
fwW=1.71
sdS=29.2
fwS=1.94
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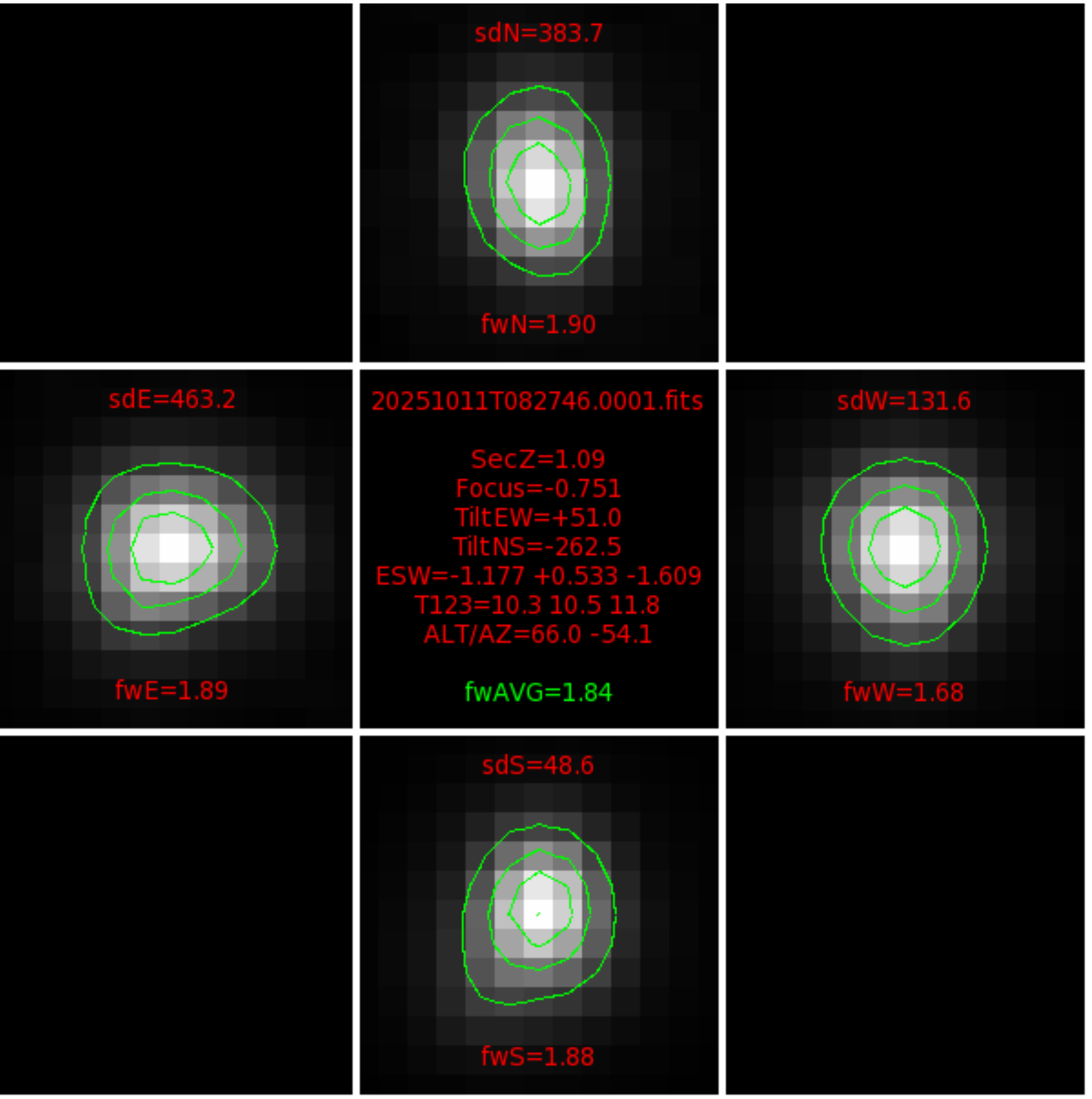
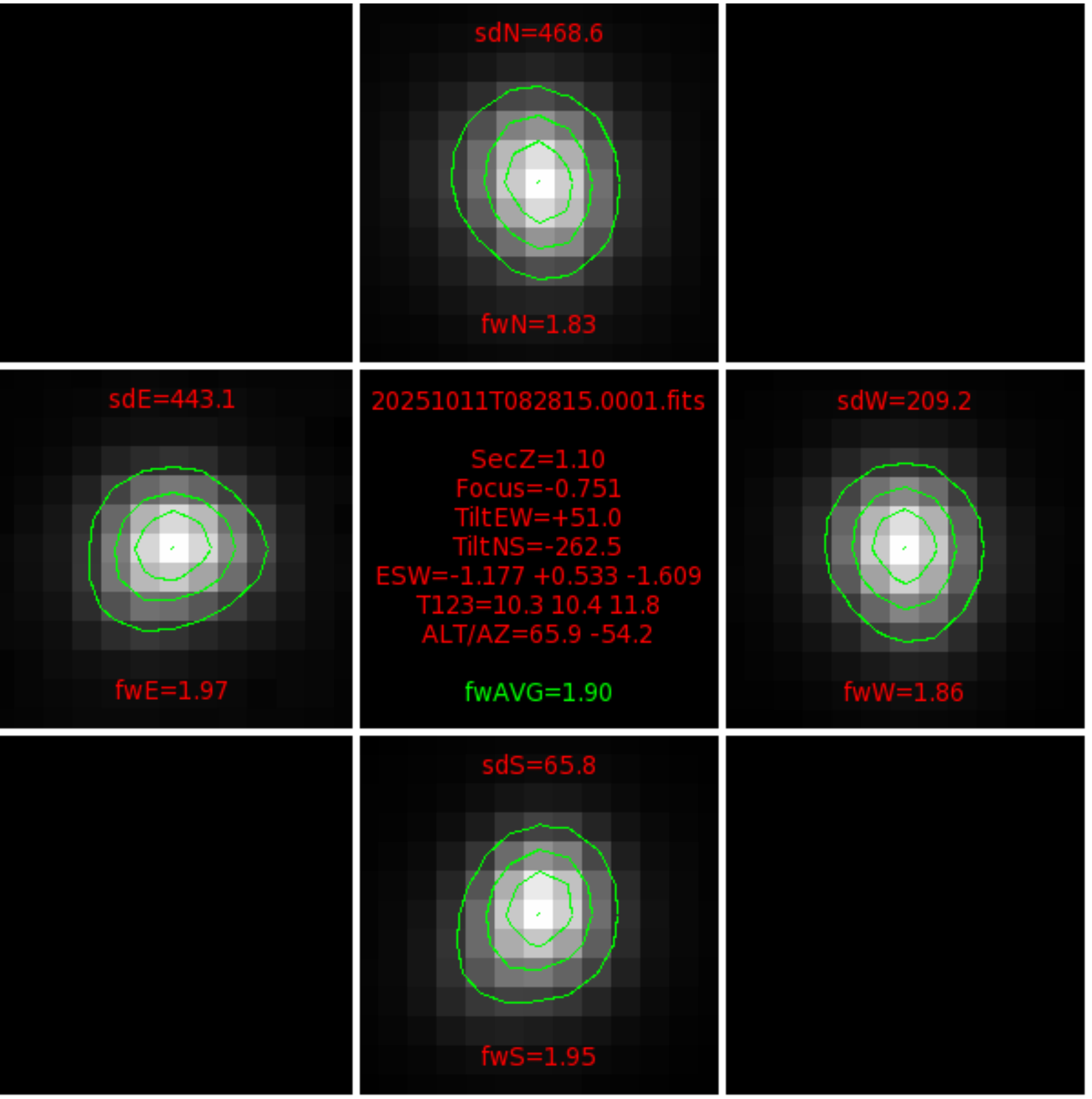
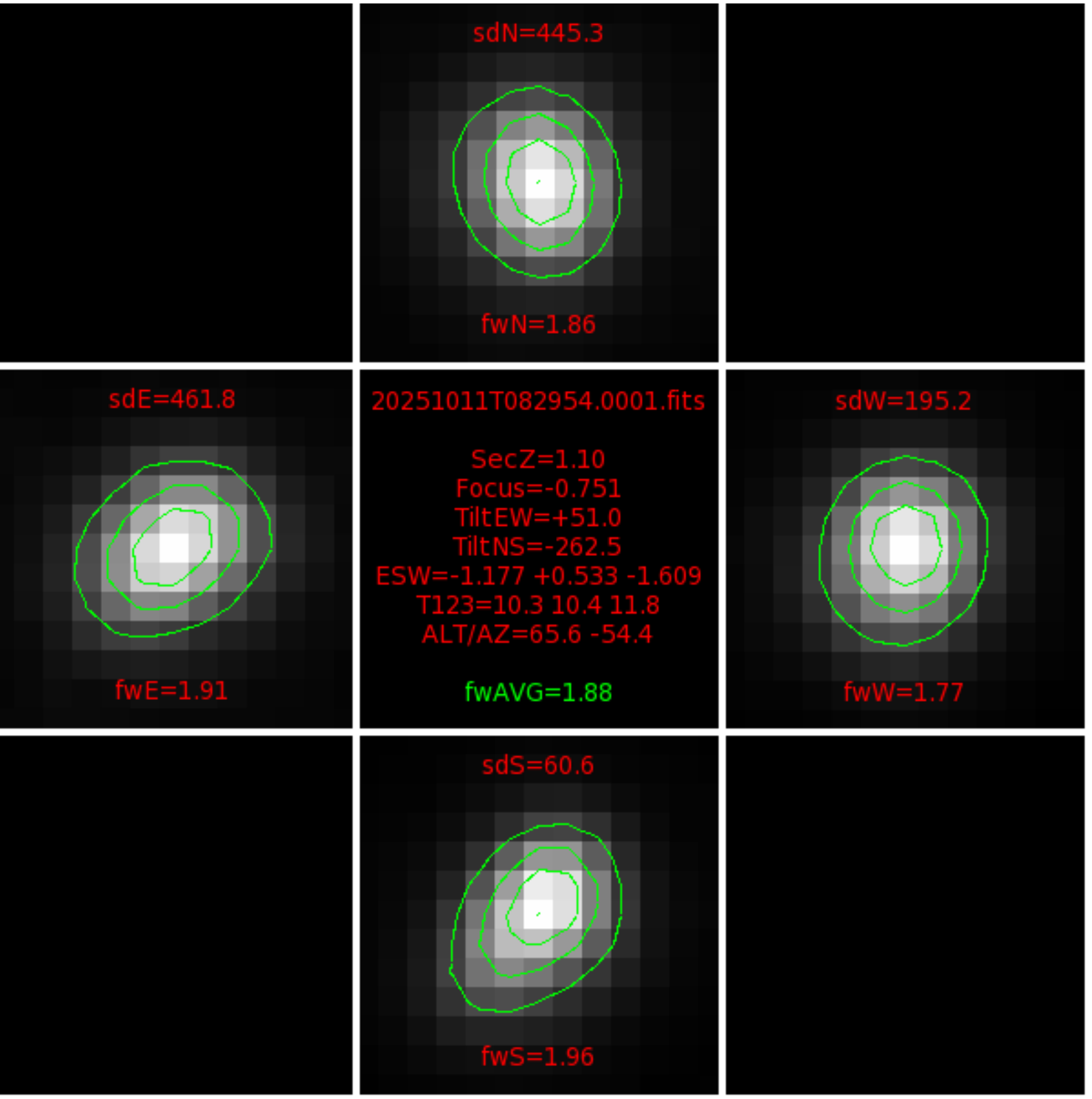
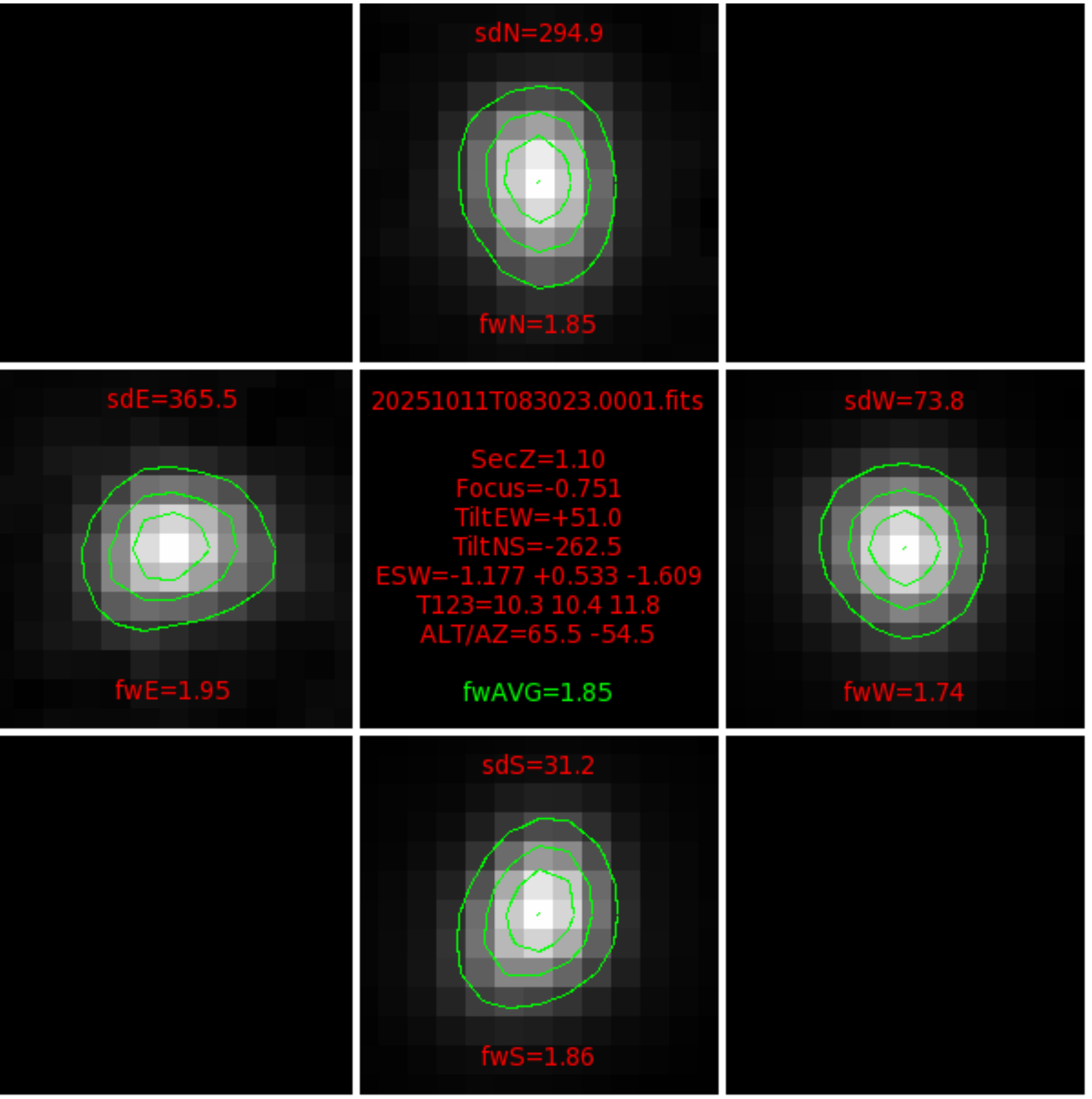

sdN=383.7
fwN=1.90
sdE=463.2
fwE=1.89
20251011T082746.0001.fits
SecZ=1.09
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.3 10.5 11.8
ALT/AZ=66.0 -54.1
fwAVG=1.84
sdW=131.6
fwW=1.68
sdS=48.6
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=468.6
fwN=1.83
sdE=443.1
fwE=1.97
20251011T082815.0001.fits
SecZ=1.10
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.3 10.4 11.8
ALT/AZ=65.9 -54.2
fwAVG=1.90
sdW=209.2
fwW=1.86
sdS=65.8
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=445.3
fwN=1.86
sdE=461.8
fwE=1.91
20251011T082954.0001.fits
SecZ=1.10
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.3 10.4 11.8
ALT/AZ=65.6 -54.4
fwAVG=1.88
sdW=195.2
fwW=1.77
sdS=60.6
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=294.9
fwN=1.85
sdE=365.5
fwE=1.95
20251011T083023.0001.fits
SecZ=1.10
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.3 10.4 11.8
ALT/AZ=65.5 -54.5
fwAVG=1.85
sdW=73.8
fwW=1.74
sdS=31.2
fwS=1.86
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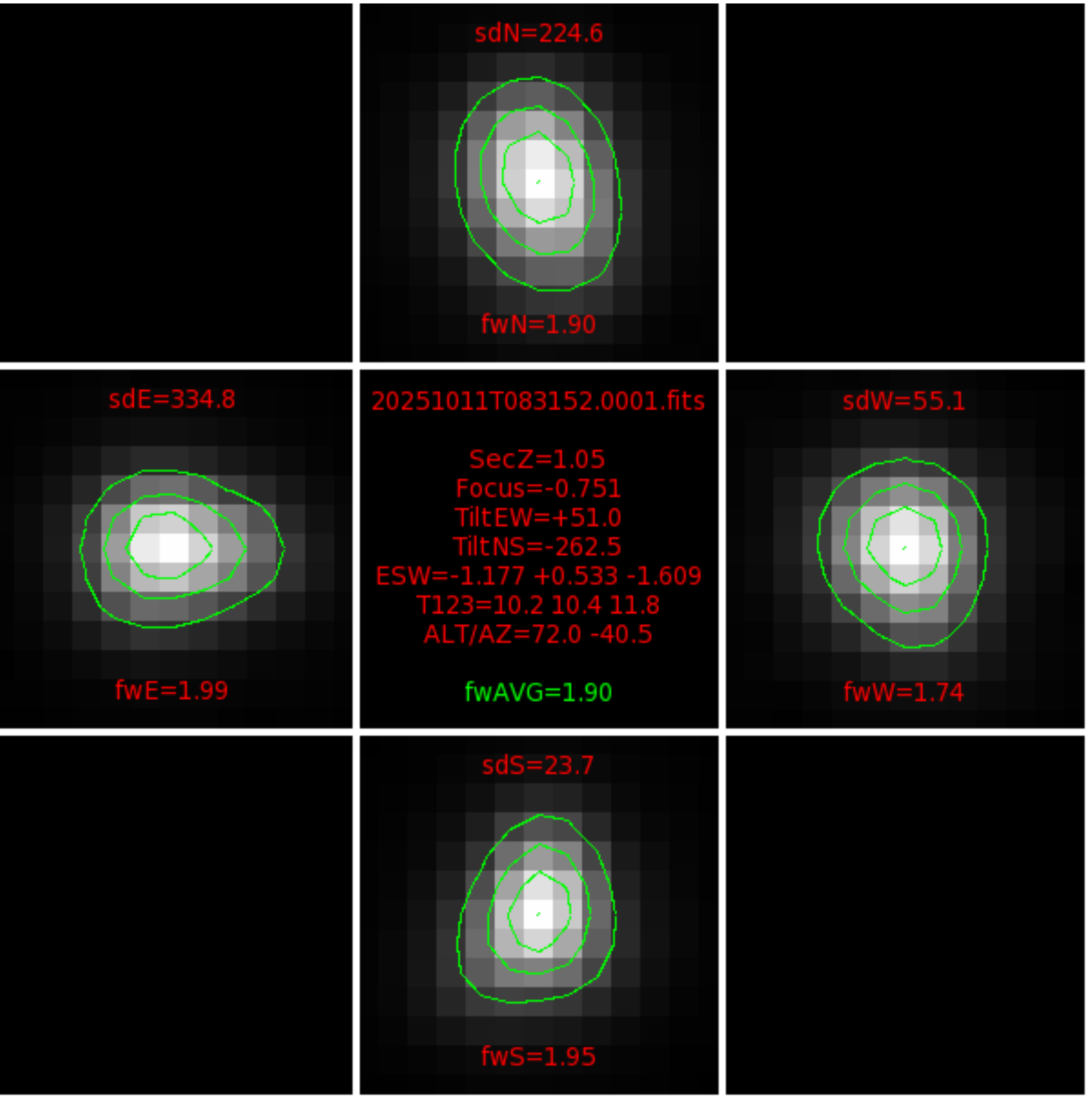
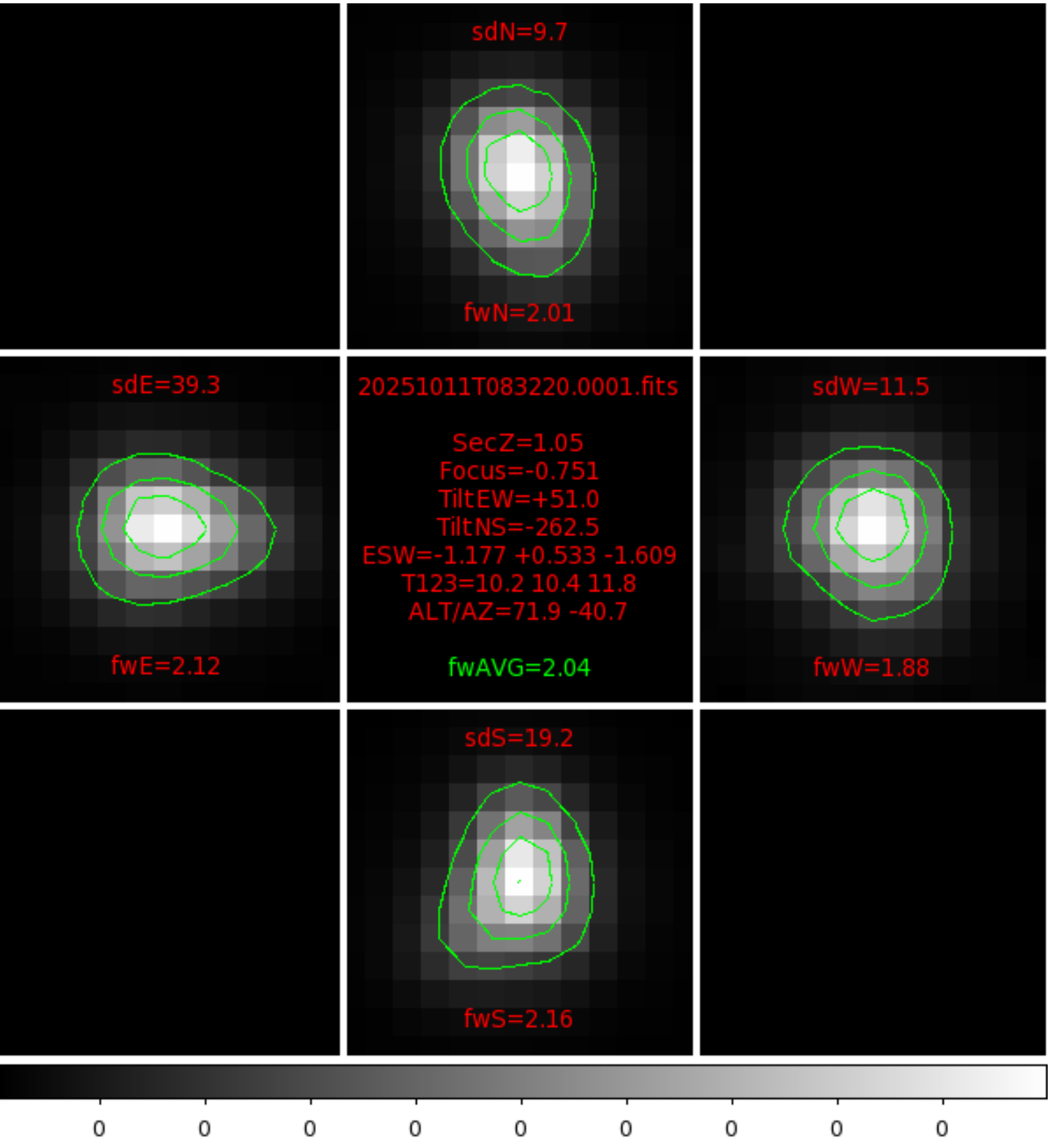

sdN=224.6
fwN=1.90
sdE=334.8
fwE=1.99
20251011T083152.0001.fits
SecZ=1.05
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.2 10.4 11.8
ALT/AZ=72.0 -40.5
fwAVG=1.90
sdW=55.1
fwW=1.74
sdS=23.7
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=9.7
fwN=2.01
sdE=39.3
fwE=2.12
20251011T083220.0001.fits
SecZ=1.05
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.2 10.4 11.8
ALT/AZ=71.9 -40.7
fwAVG=2.04
sdW=11.5
fwW=1.88
sdS=19.2
fwS=2.16
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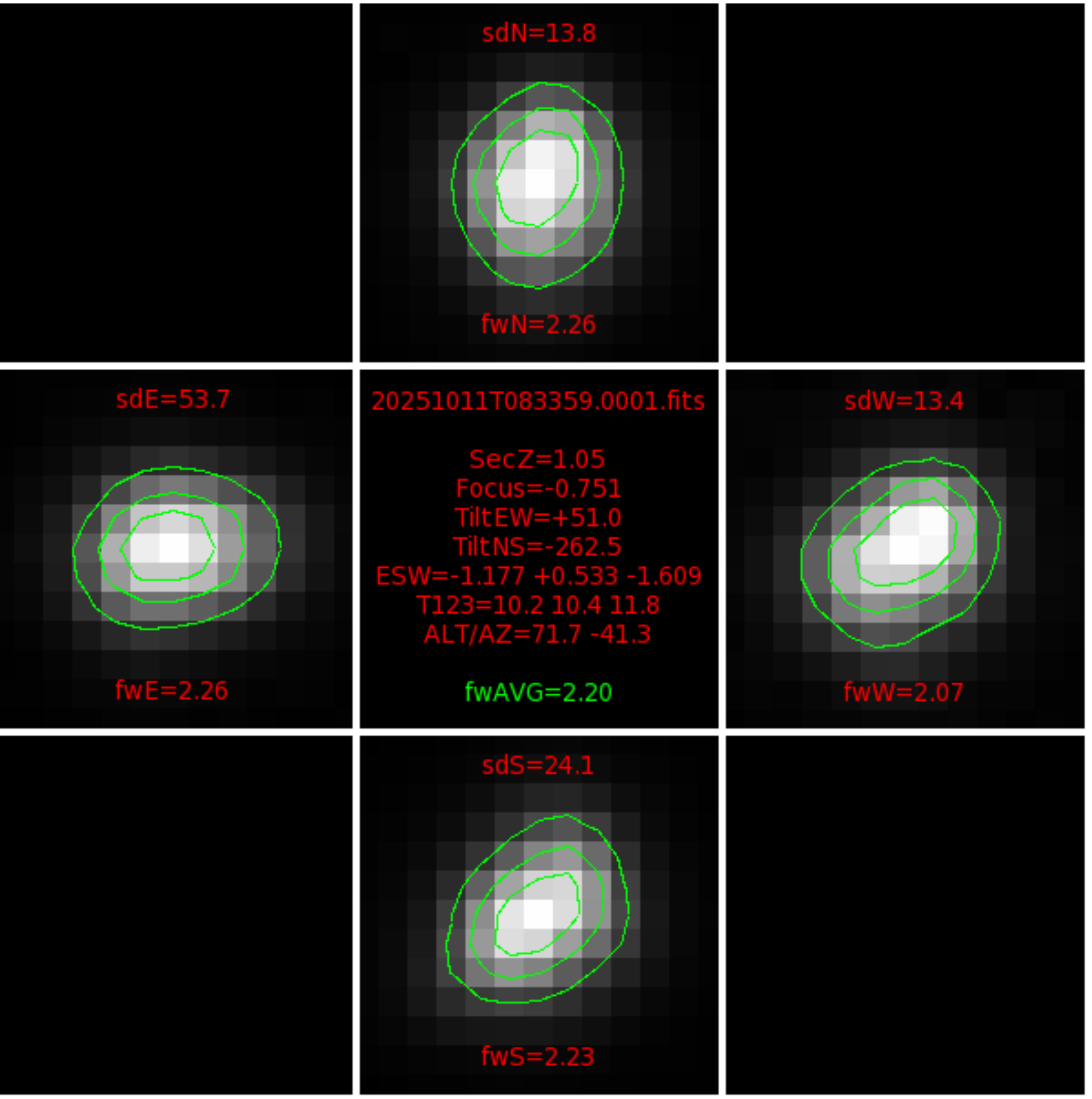
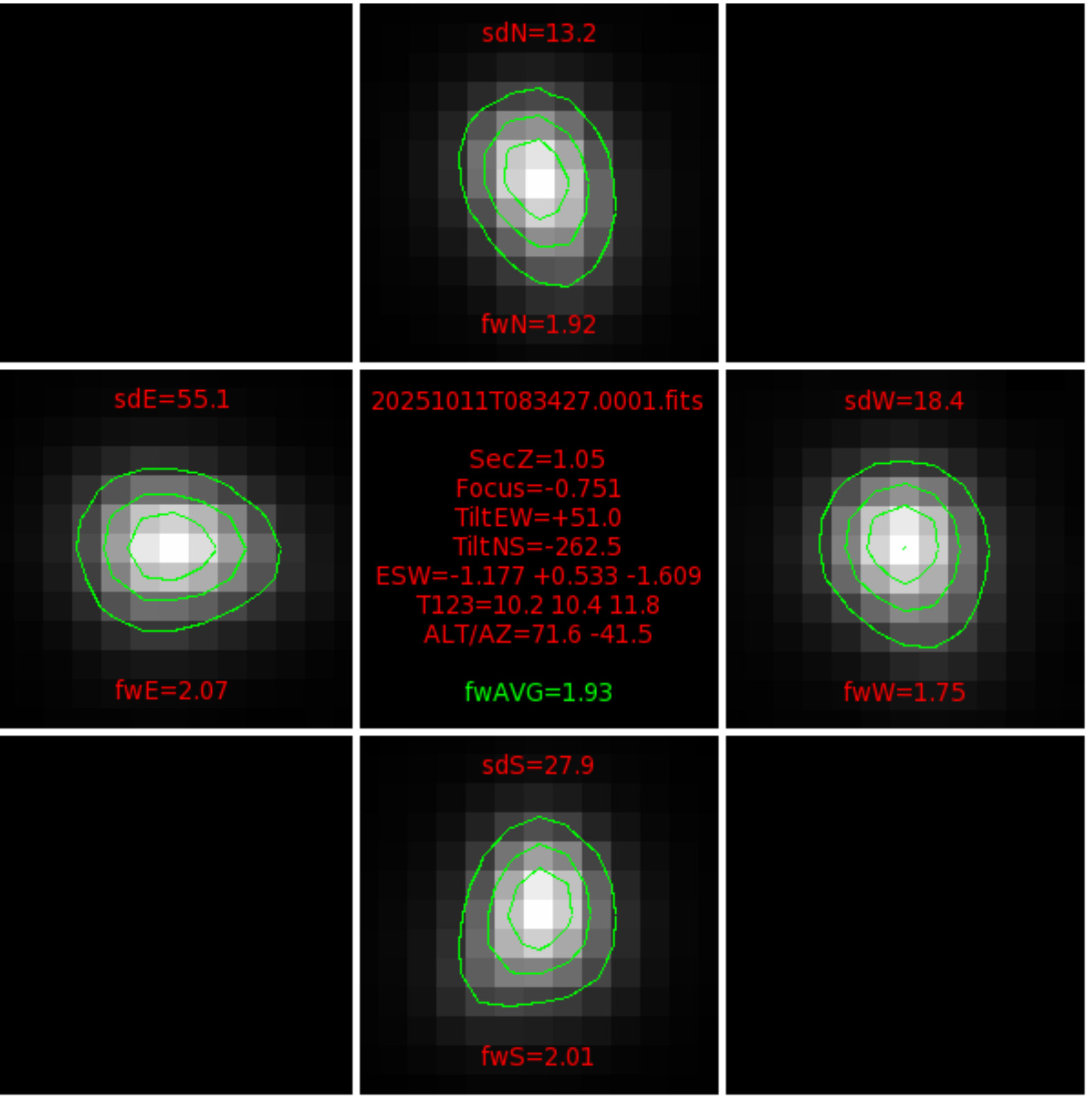
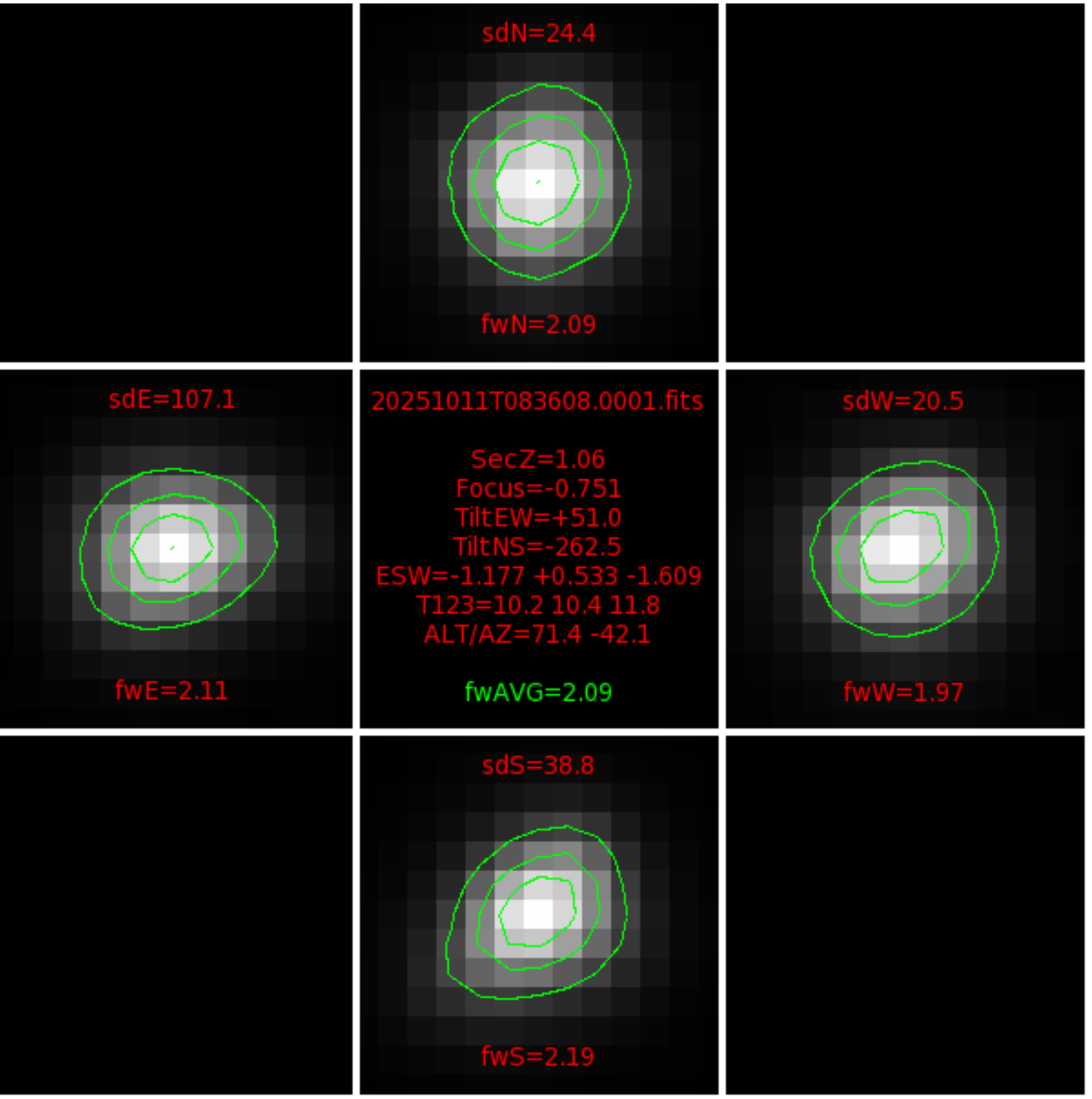

sdN=13.8
fwN=2.26
sdE=53.7
fwE=2.26
20251011T083359.0001.fits
SecZ=1.05
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.2 10.4 11.8
ALT/AZ=71.7 -41.3
fwAVG=2.20
sdW=13.4
fwW=2.07
sdS=24.1
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=13.2
fwN=1.92
sdE=55.1
fwE=2.07
20251011T083427.0001.fits
SecZ=1.05
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.2 10.4 11.8
ALT/AZ=71.6 -41.5
fwAVG=1.93
sdW=18.4
fwW=1.75
sdS=27.9
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=24.4
fwN=2.09
sdE=107.1
fwE=2.11
20251011T083608.0001.fits
SecZ=1.06
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.2 10.4 11.8
ALT/AZ=71.4 -42.1
fwAVG=2.09
sdW=20.5
fwW=1.97
sdS=38.8
fwS=2.19
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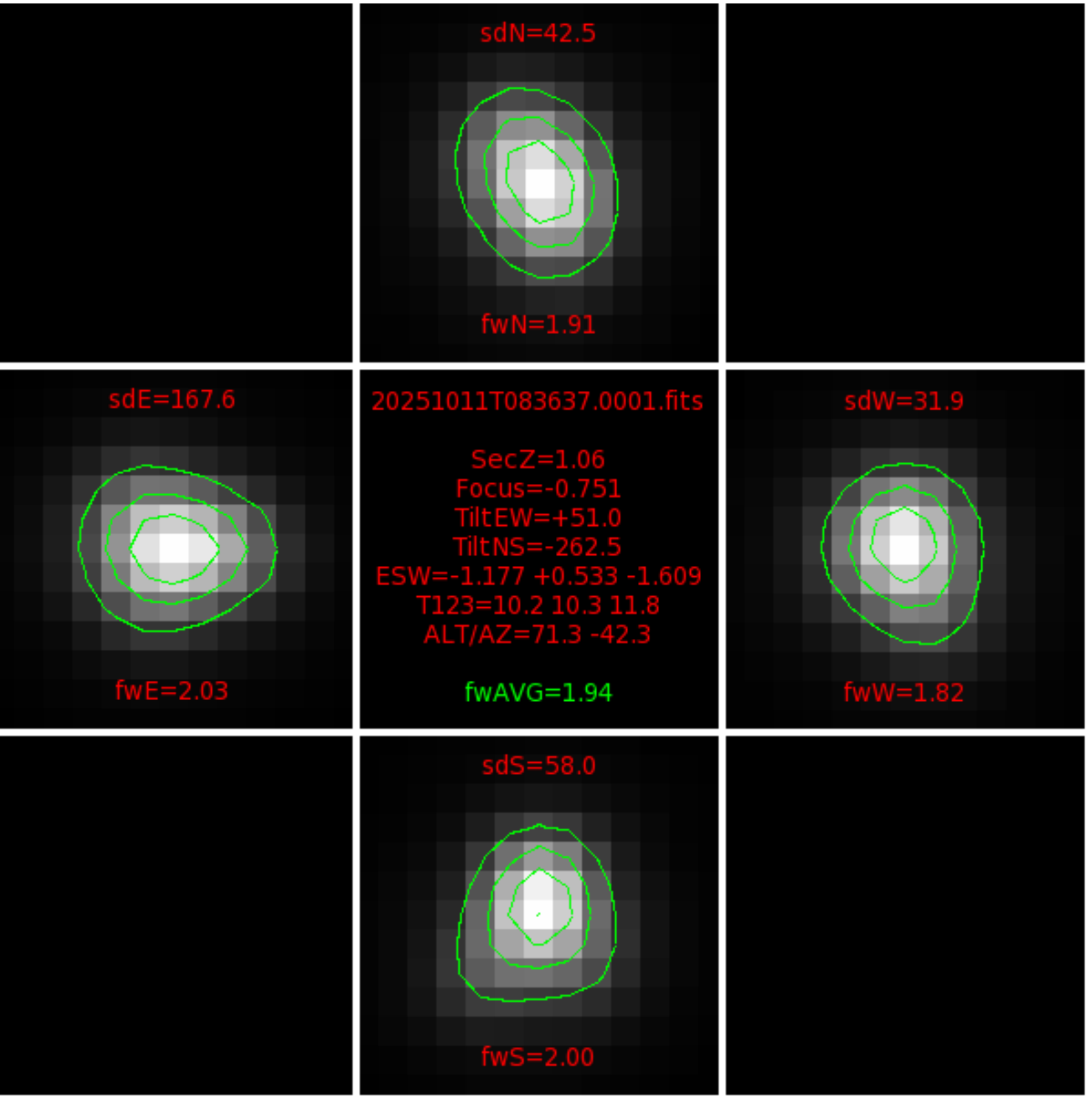
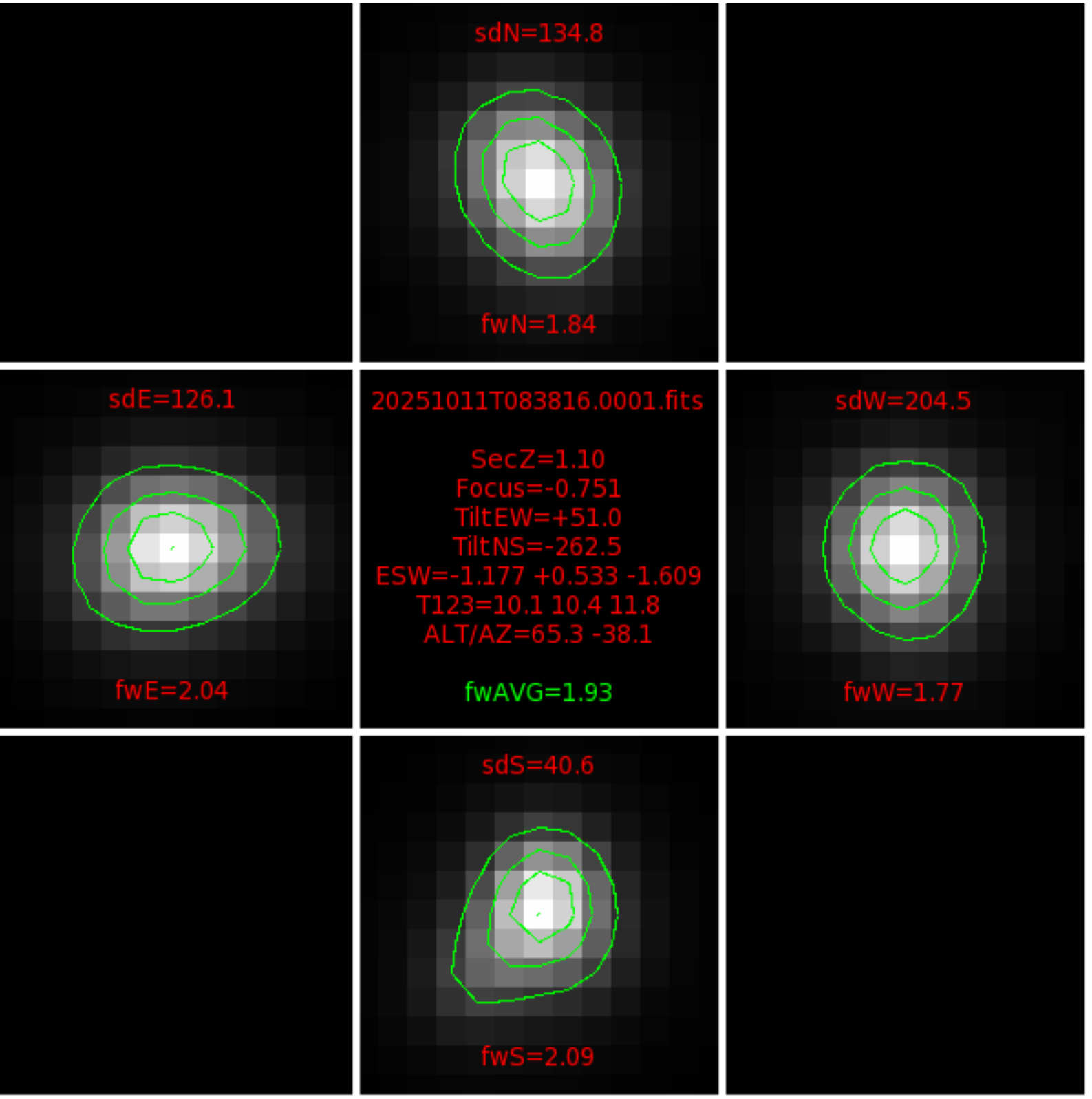

sdN=42.5
fwN=1.91
sdE=167.6
fwE=2.03
20251011T083637.0001.fits
SecZ=1.06
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.2 10.3 11.8
ALT/AZ=71.3 -42.3
fwAVG=1.94
sdW=31.9
fwW=1.82
sdS=58.0
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=134.8
fwN=1.84
sdE=126.1
fwE=2.04
20251011T083816.0001.fits
SecZ=1.10
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.1 10.4 11.8
ALT/AZ=65.3 -38.1
fwAVG=1.93
sdW=204.5
fwW=1.77
sdS=40.6
fwS=2.09
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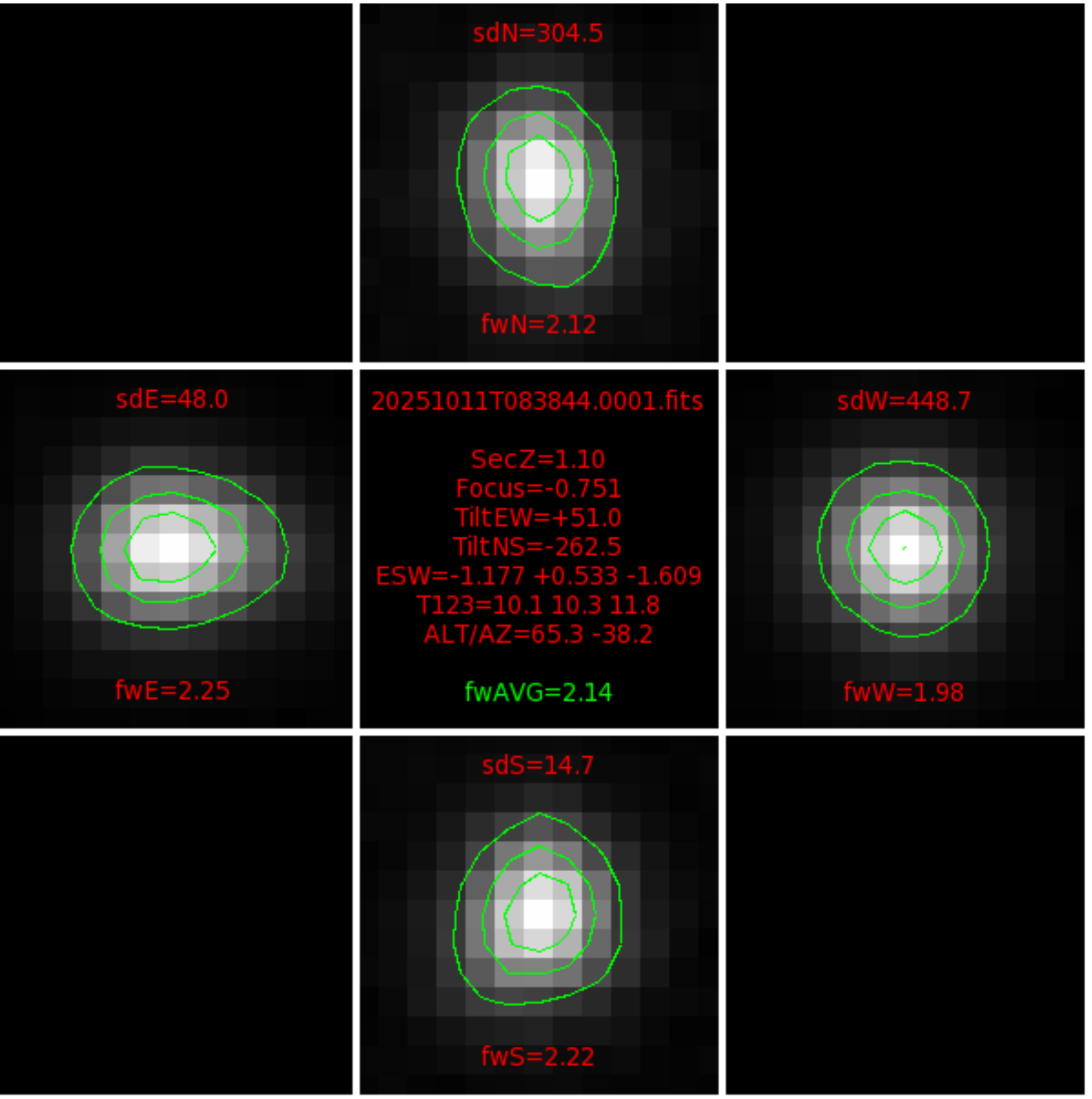
sdN=304.5
fwN=2.12
sdE=48.0
fwE=2.25
20251011T083844.0001.fits
SecZ=1.10
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.1 10.3 11.8
ALT/AZ=65.3 -38.2
fwAVG=2.14
sdW=448.7
fwW=1.98
sdS=14.7
fwS=2.22
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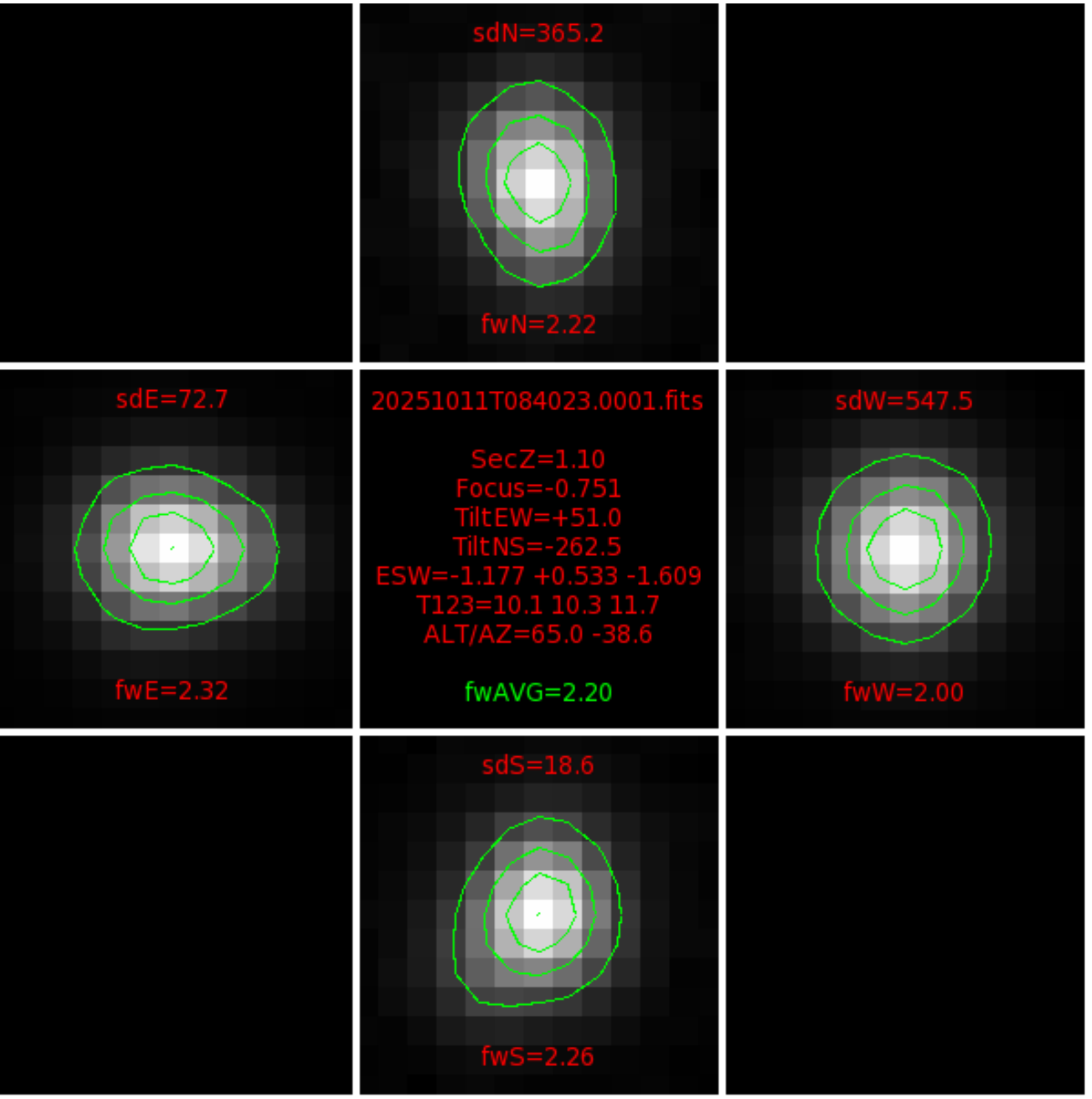
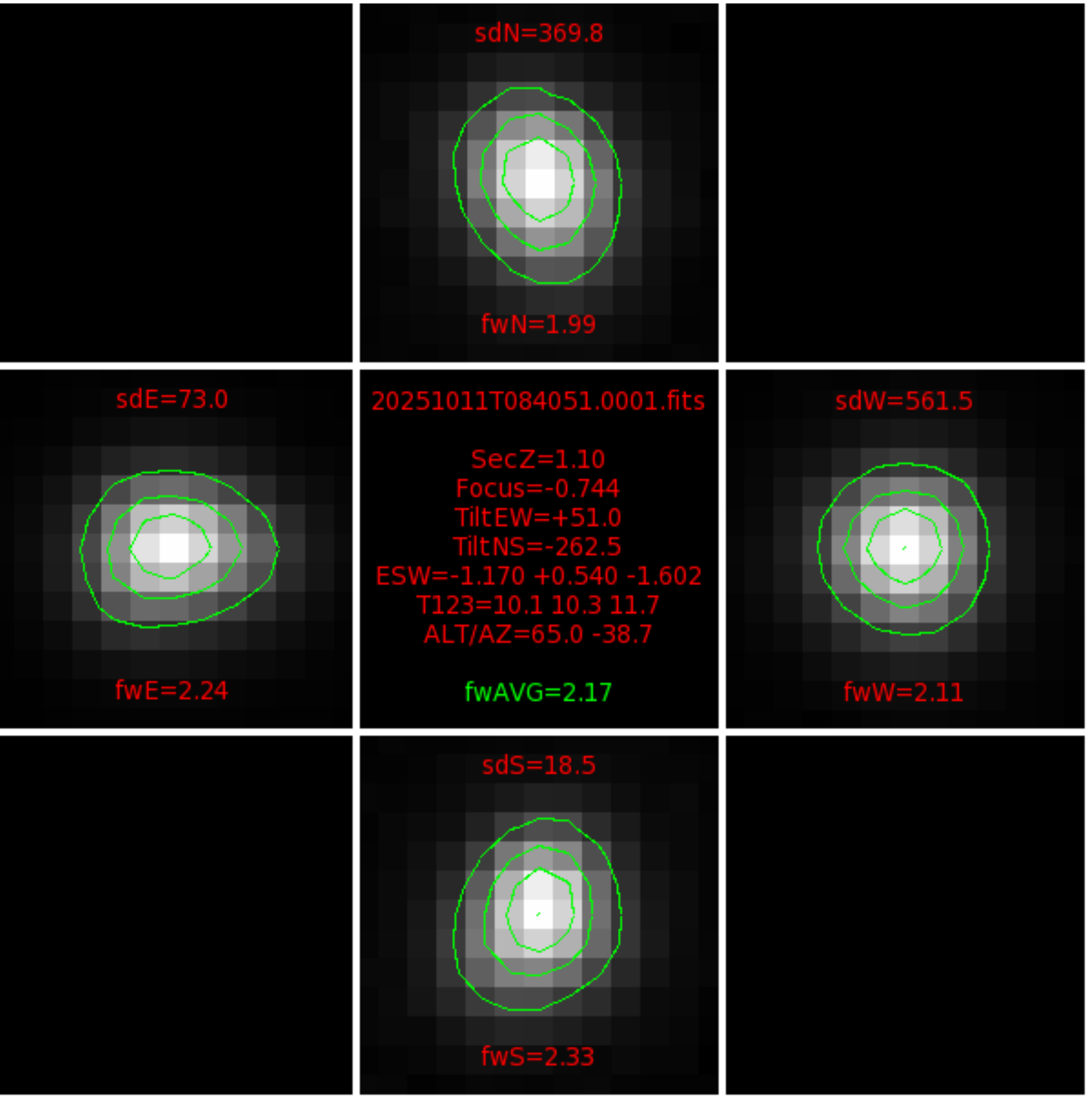

sdN=365.2
fwN=2.22
sdE=72.7
fwE=2.32
20251011T084023.0001.fits
SecZ=1.10
Focus=-0.751
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.177 +0.533 -1.609
T123=10.1 10.3 11.7
ALT/AZ=65.0 -38.6
fwAVG=2.20
sdW=547.5
fwW=2.00
sdS=18.6
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=369.8
fwN=1.99
sdE=73.0
fwE=2.24
20251011T084051.0001.fits
SecZ=1.10
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.1 10.3 11.7
ALT/AZ=65.0 -38.7
fwAVG=2.17
sdW=561.5
fwW=2.11
sdS=18.5
fwS=2.33
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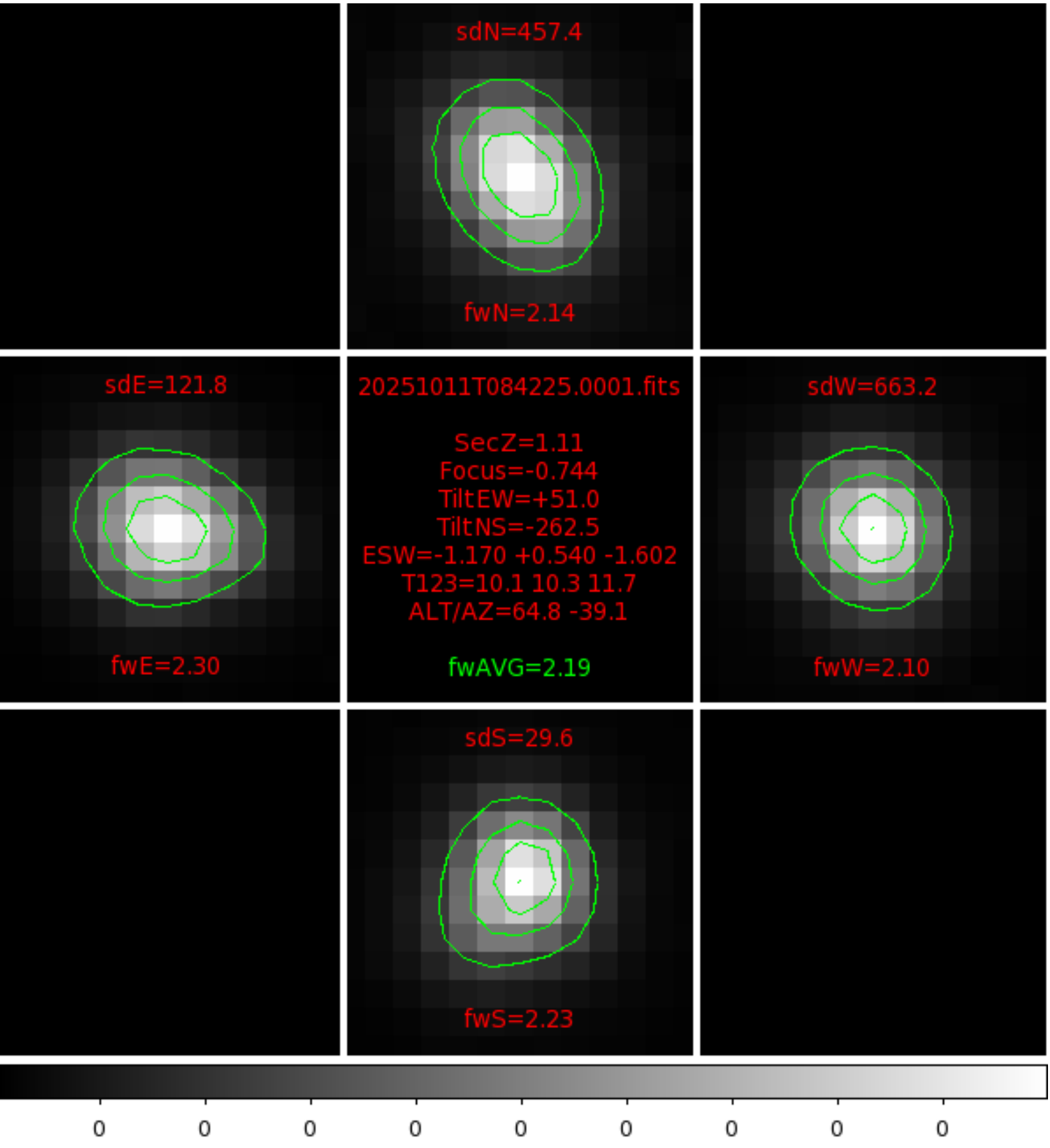
sdN=457.4
fwN=2.14
sdE=121.8
fwE=2.30
20251011T084225.0001.fits
SecZ=1.11
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.1 10.3 11.7
ALT/AZ=64.8 -39.1
fwAVG=2.19
sdW=663.2
fwW=2.10
sdS=29.6
fwS=2.23
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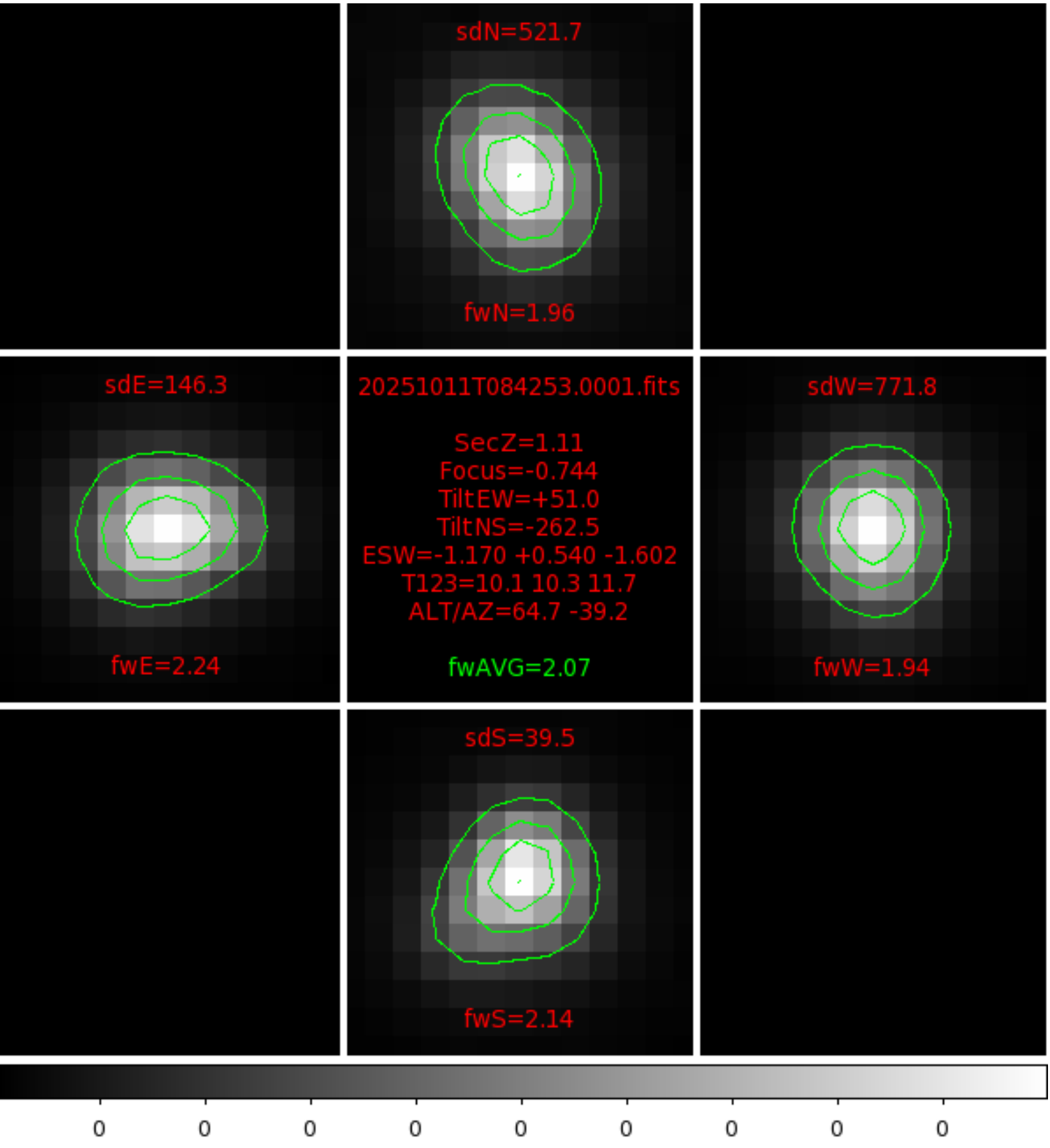
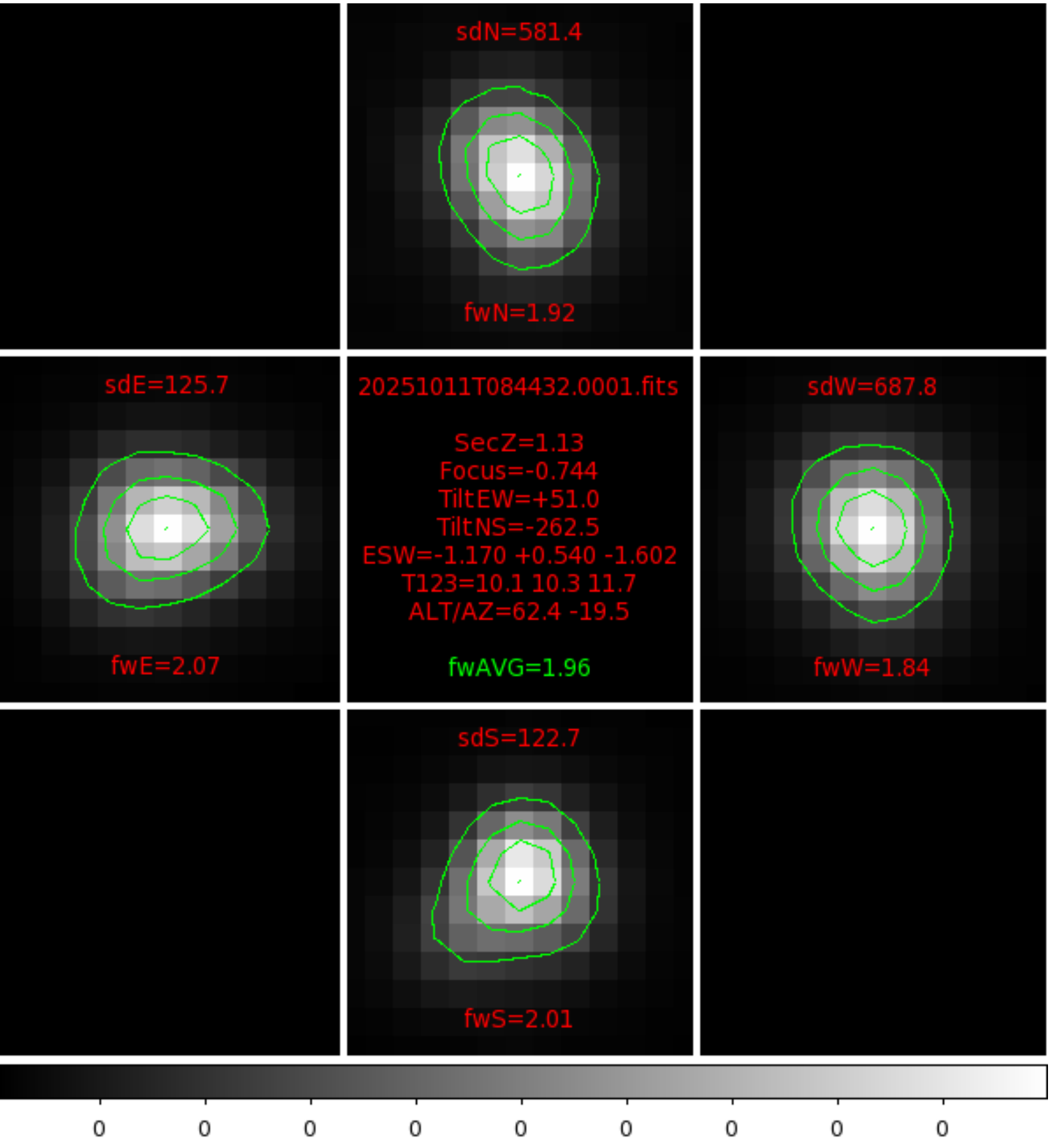

sdN=521.7
fwN=1.96
sdE=146.3
fwE=2.24
20251011T084253.0001.fits
SecZ=1.11
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.1 10.3 11.7
ALT/AZ=64.7 -39.2
fwAVG=2.07
sdW=771.8
fwW=1.94
sdS=39.5
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=581.4
fwN=1.92
sdE=125.7
fwE=2.07
20251011T084432.0001.fits
SecZ=1.13
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.1 10.3 11.7
ALT/AZ=62.4 -19.5
fwAVG=1.96
sdW=687.8
fwW=1.84
sdS=122.7
fwS=2.01
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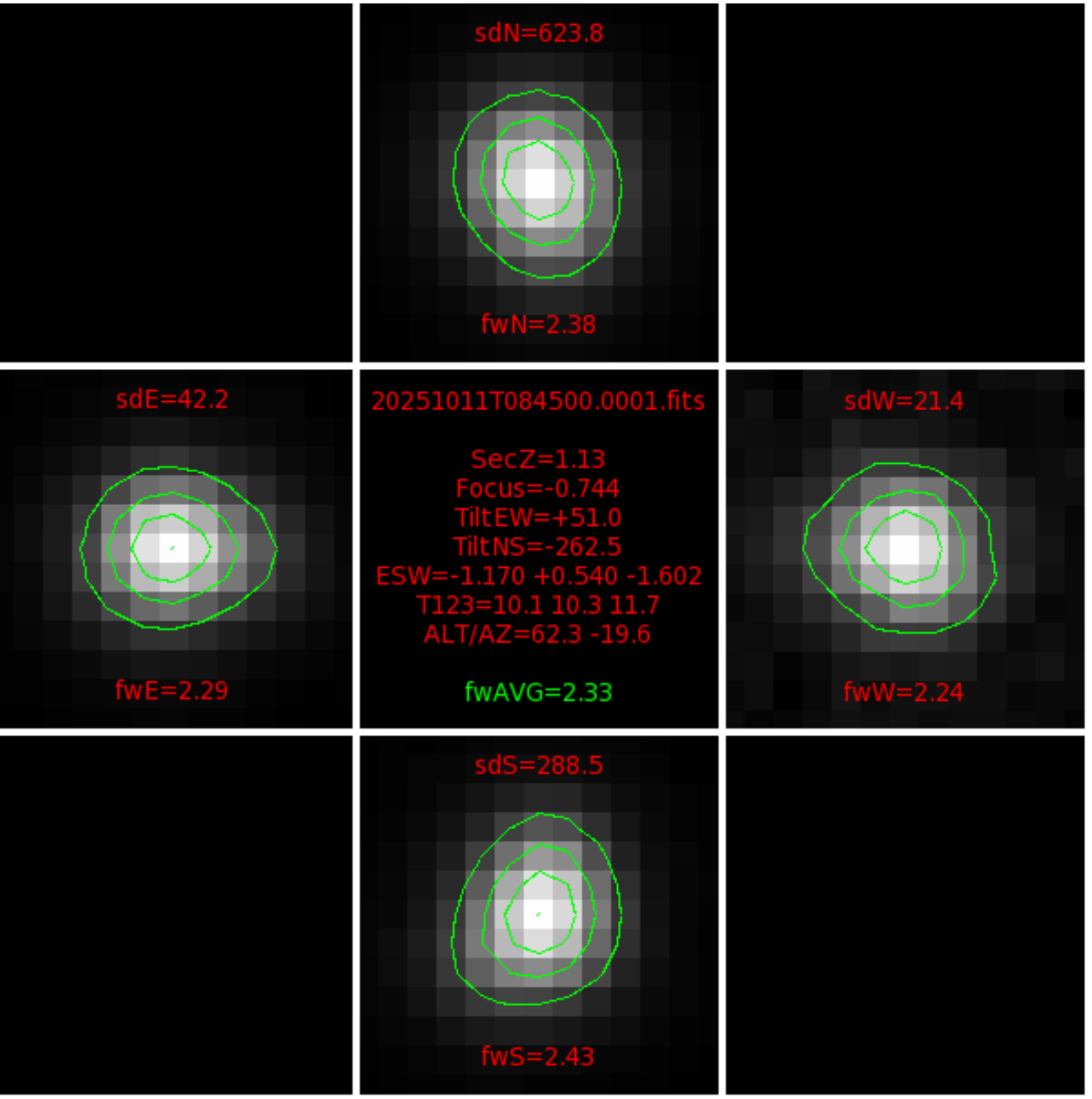
sdN=623.8
fwN=2.38
sdE=42.2
fwE=2.29
20251011T084500.0001.fits
SecZ=1.13
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.1 10.3 11.7
ALT/AZ=62.3 -19.6
fwAVG=2.33
sdW=21.4
fwW=2.24
sdS=288.5
fwS=2.43
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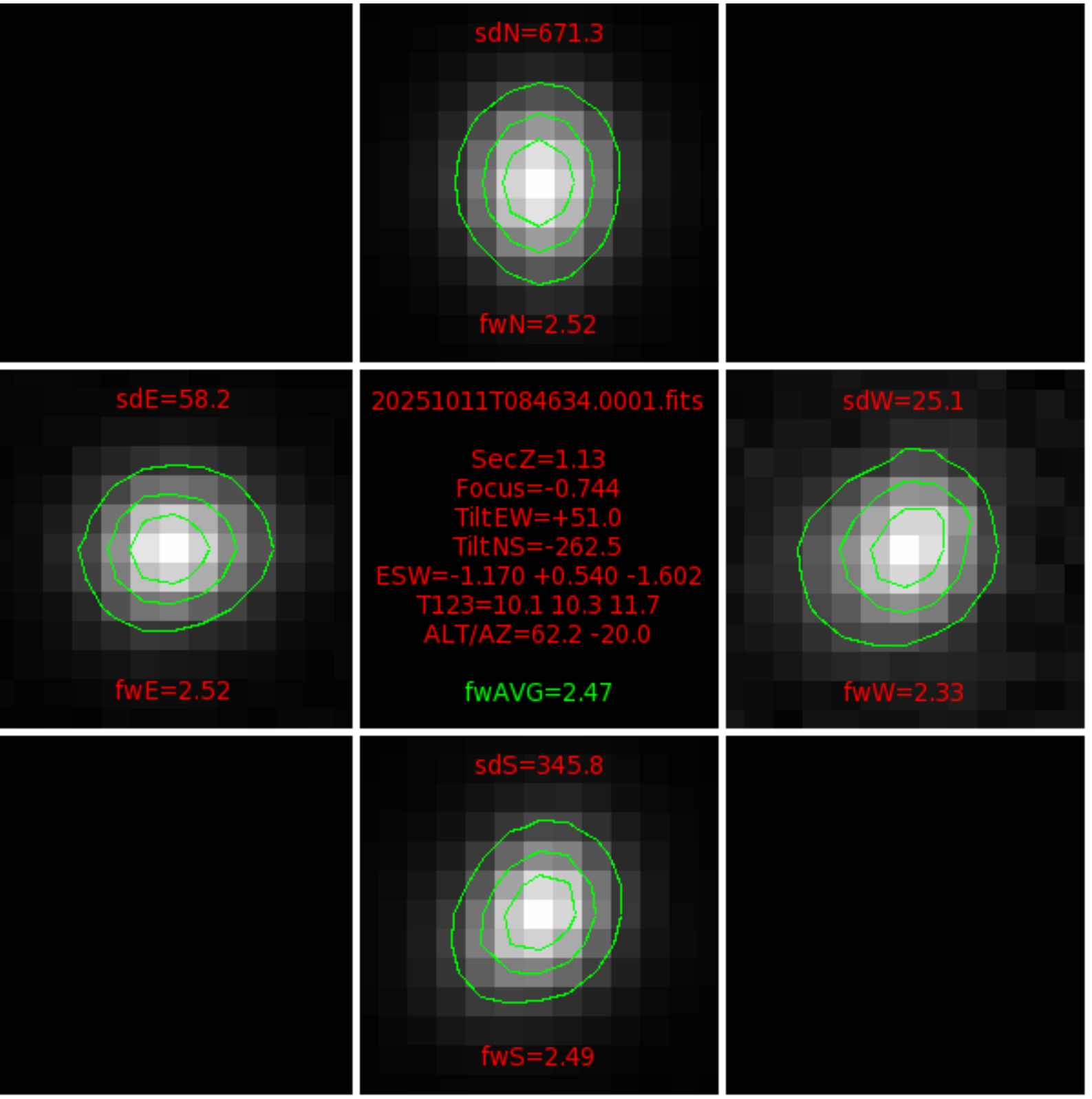
sdN=671.3
fwN=2.52
sdE=58.2
fwE=2.52
20251011T084634.0001.fits
SecZ=1.13
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.1 10.3 11.7
ALT/AZ=62.2 -20.0
fwAVG=2.47
sdW=25.1
fwW=2.33
sdS=345.8
fwS=2.49
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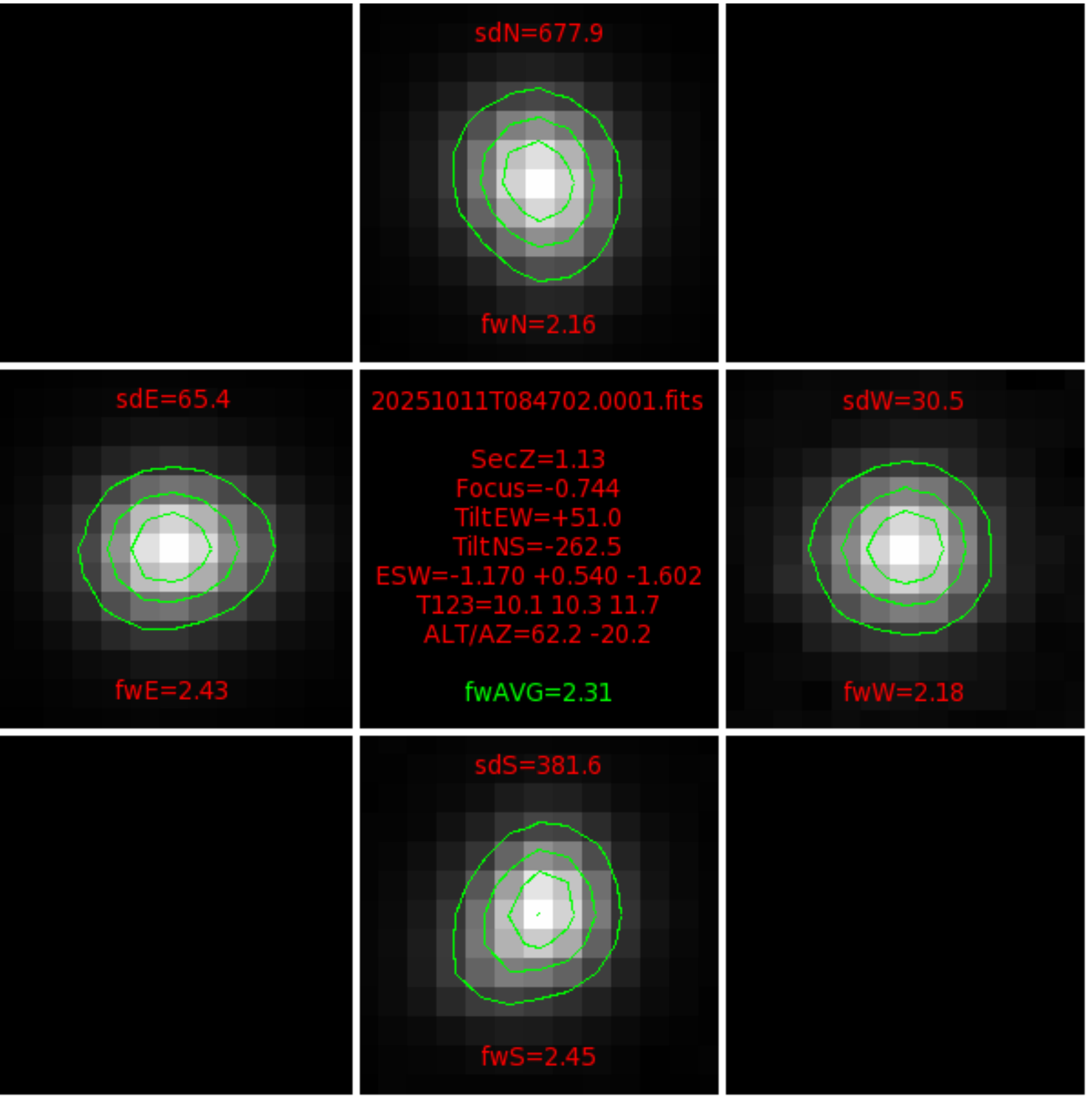
sdN=677.9
fwN=2.16
sdE=65.4
fwE=2.43
20251011T084702.0001.fits
SecZ=1.13
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.1 10.3 11.7
ALT/AZ=62.2 -20.2
fwAVG=2.31
sdW=30.5
fwW=2.18
sdS=381.6
fwS=2.45
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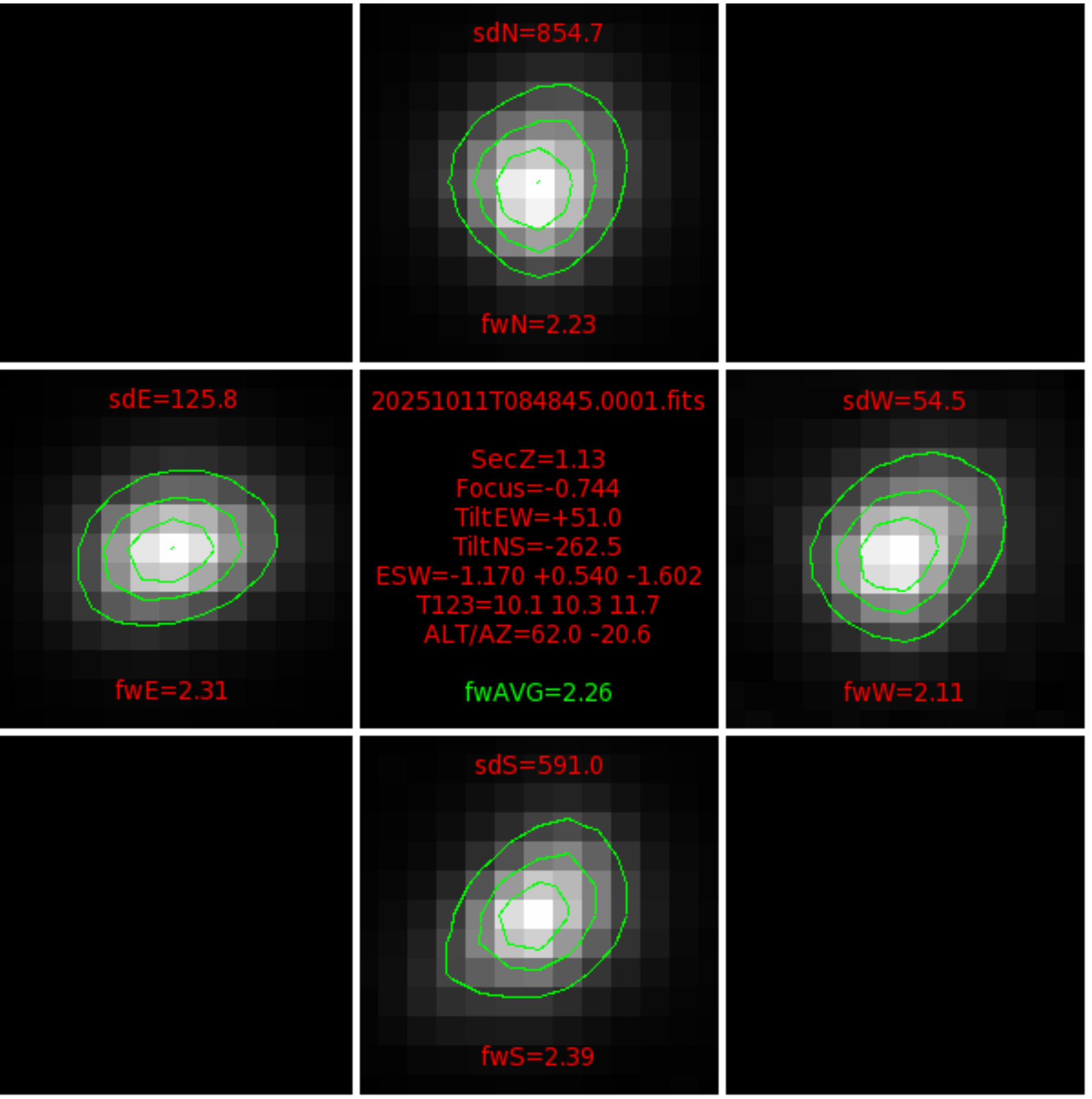
sdN=854.7
fwN=2.23
sdE=125.8
fwE=2.31
20251011T084845.0001.fits
SecZ=1.13
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.1 10.3 11.7
ALT/AZ=62.0 -20.6
fwAVG=2.26
sdW=54.5
fwW=2.11
sdS=591.0
fwS=2.39
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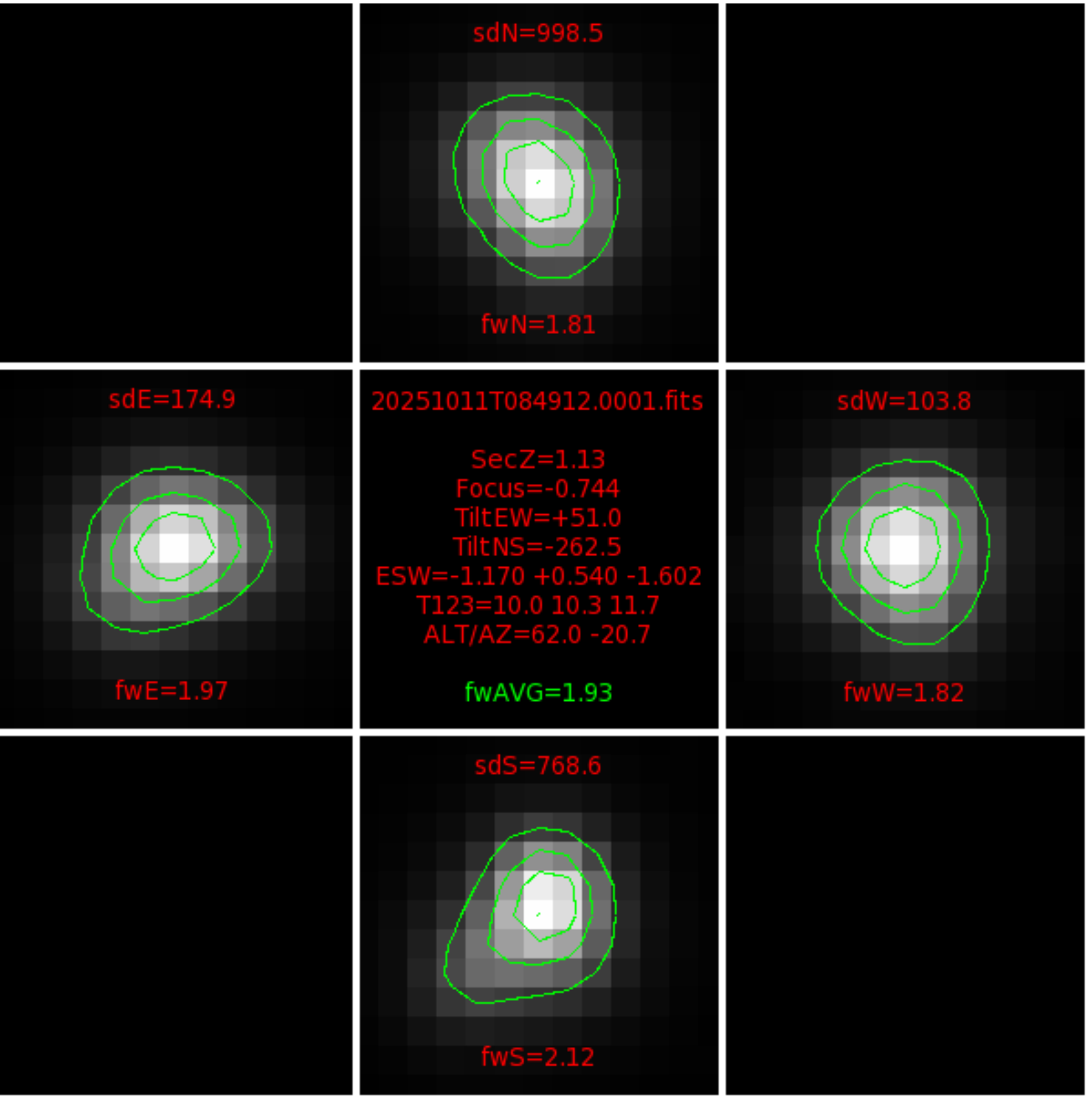
sdN=998.5
fwN=1.81
sdE=174.9
fwE=1.97
20251011T084912.0001.fits
SecZ=1.13
Focus=-0.744
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.170 +0.540 -1.602
T123=10.0 10.3 11.7
ALT/AZ=62.0 -20.7
fwAVG=1.93
sdW=103.8
fwW=1.82
sdS=768.6
fwS=2.12
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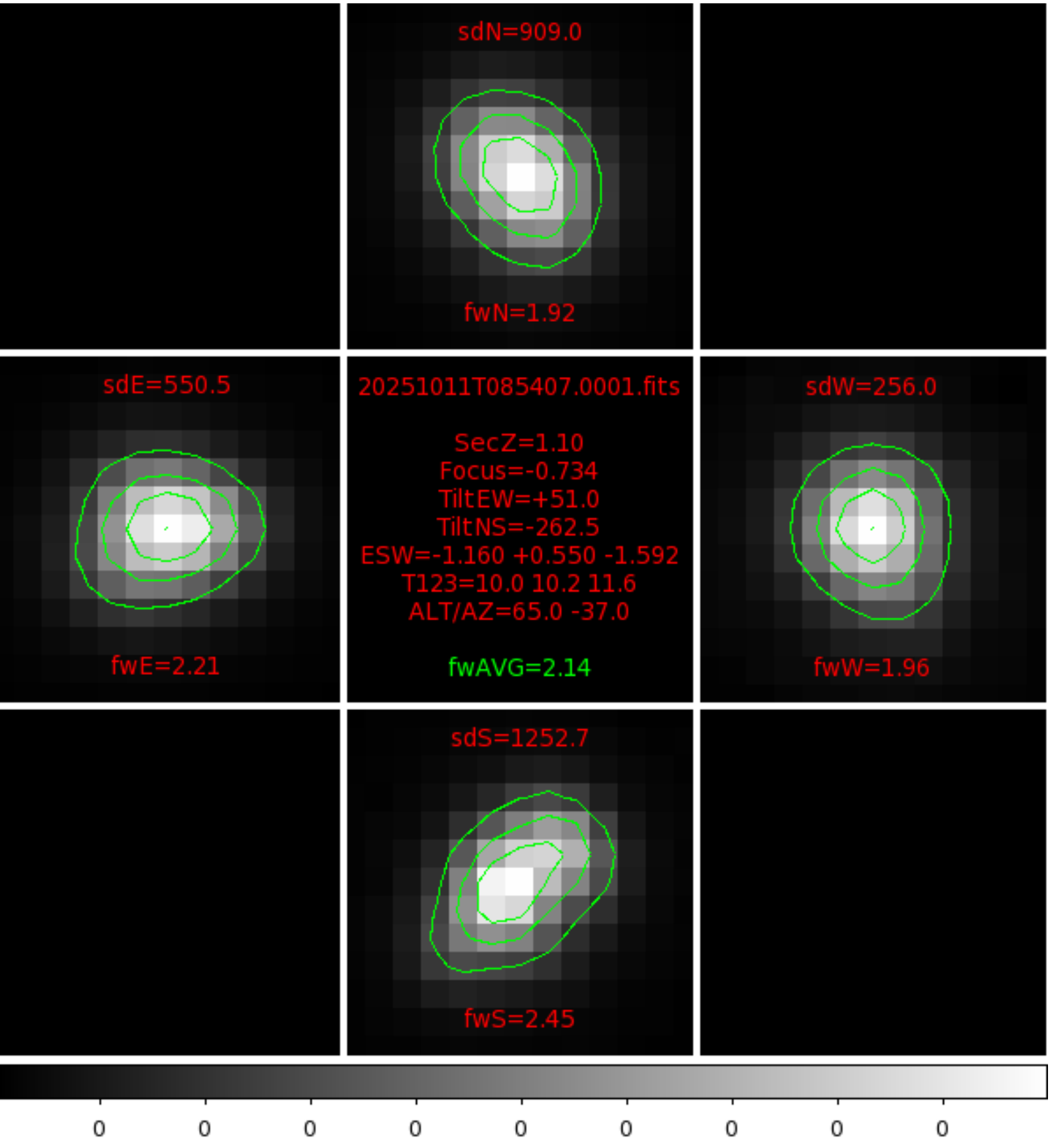
sdN=909.0
fwN=1.92
sdE=550.5
fwE=2.21
20251011T085407.0001.fits
SecZ=1.10
Focus=-0.734
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.160 +0.550 -1.592
T123=10.0 10.2 11.6
ALT/AZ=65.0 -37.0
fwAVG=2.14
sdW=256.0
fwW=1.96
sdS=1252.7
fwS=2.45
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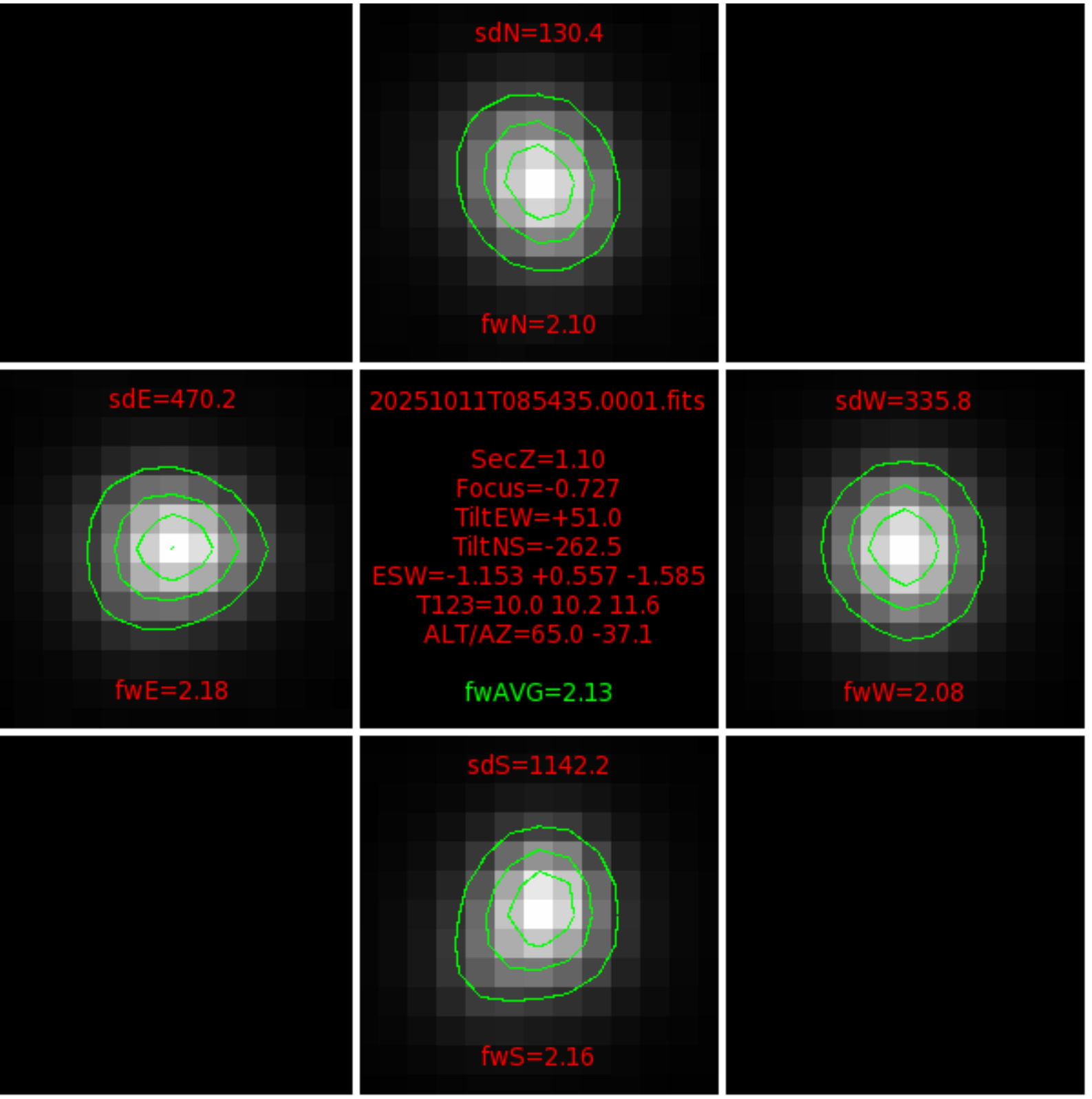
sdN=130.4
fwN=2.10
sdE=470.2
fwE=2.18
20251011T085435.0001.fits
SecZ=1.10
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=10.0 10.2 11.6
ALT/AZ=65.0 -37.1
fwAVG=2.13
sdW=335.8
fwW=2.08
sdS=1142.2
fwS=2.16
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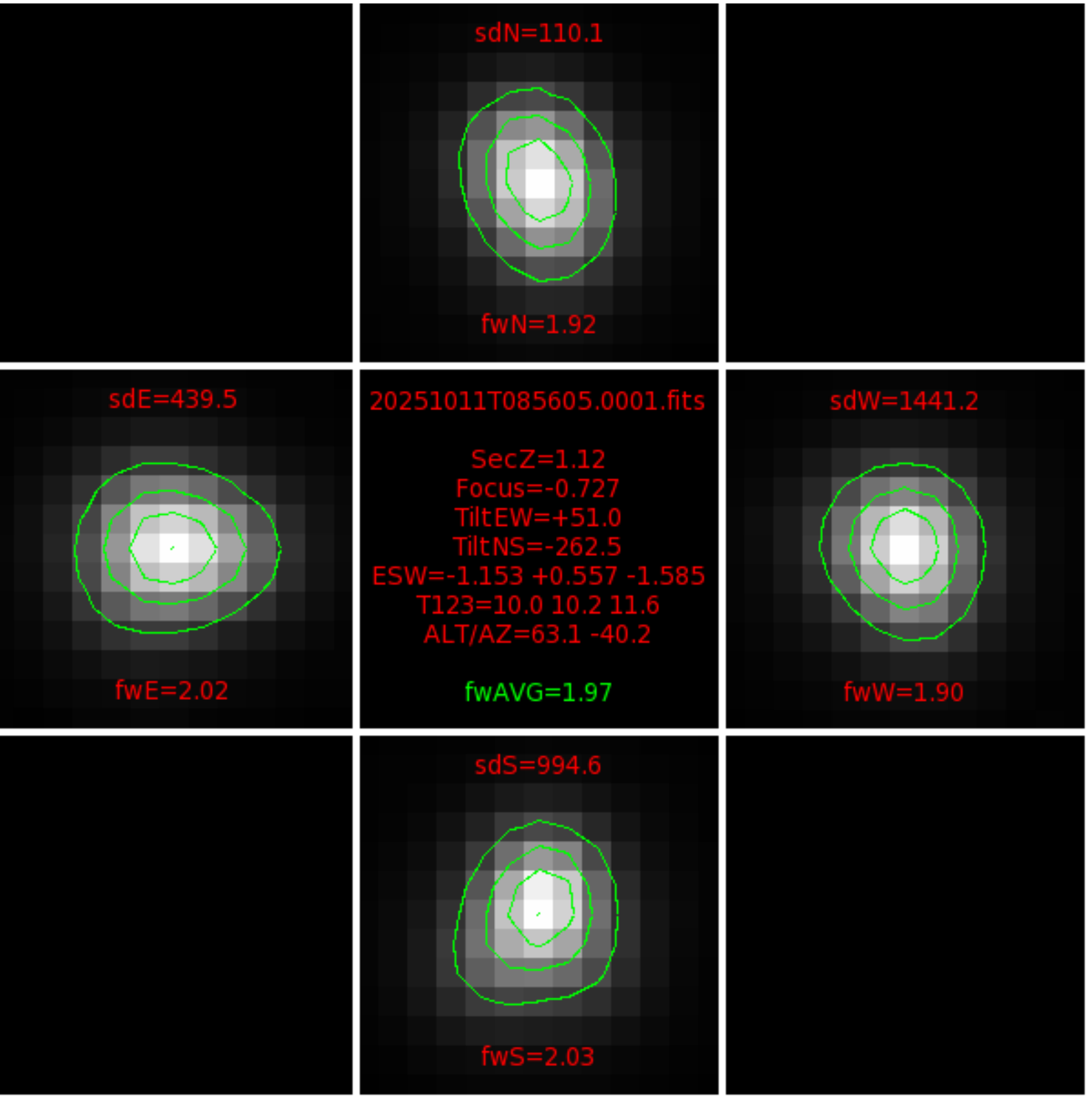
sdN=110.1
fwN=1.92
sdE=439.5
fwE=2.02
20251011T085605.0001.fits
SecZ=1.12
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=10.0 10.2 11.6
ALT/AZ=63.1 -40.2
fwAVG=1.97
sdW=1441.2
fwW=1.90
sdS=994.6
fwS=2.03
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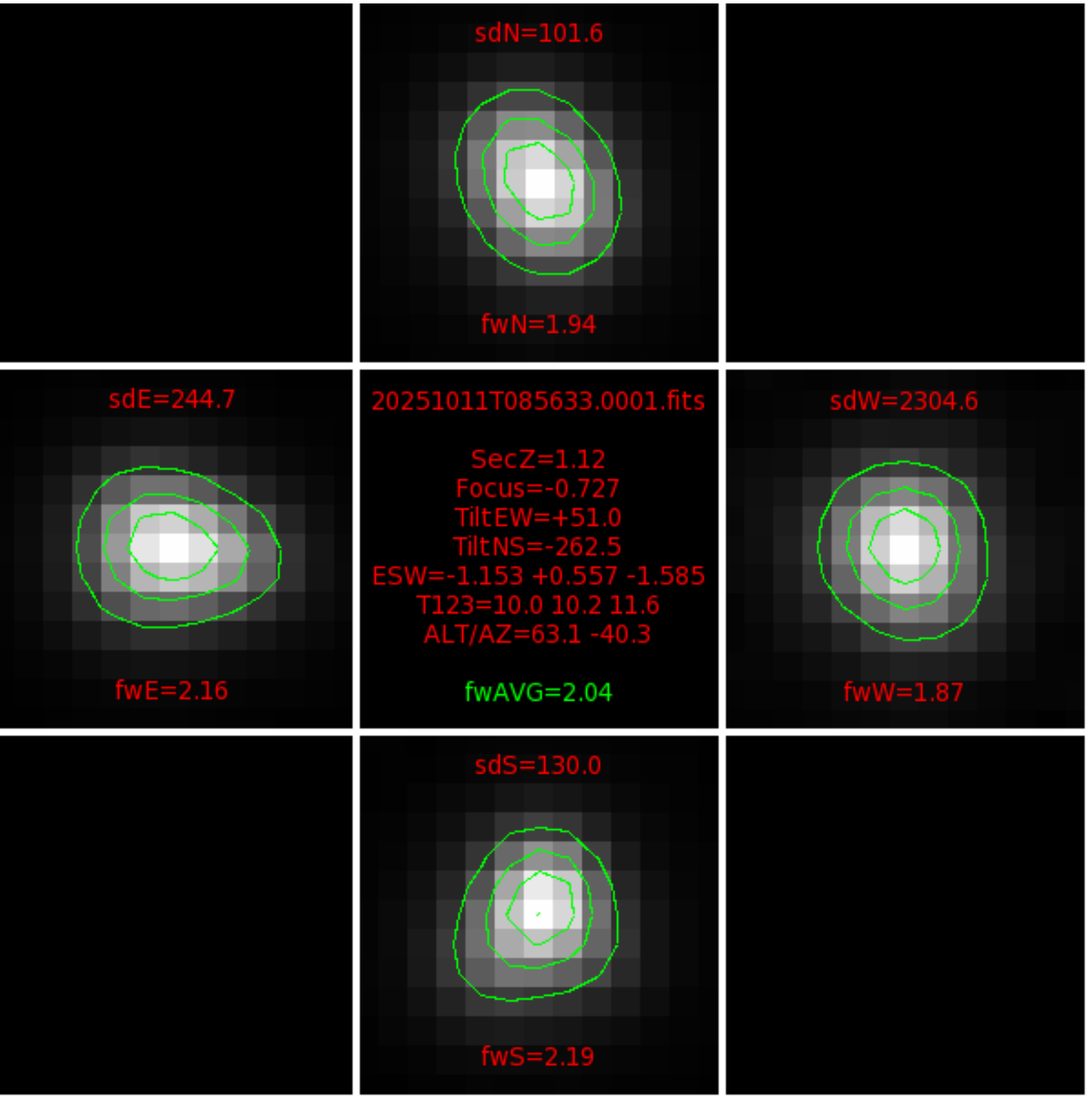
sdN=101.6
fwN=1.94
sdE=244.7
fwE=2.16
20251011T085633.0001.fits
SecZ=1.12
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=10.0 10.2 11.6
ALT/AZ=63.1 -40.3
fwAVG=2.04
sdW=2304.6
fwW=1.87
sdS=130.0
fwS=2.19
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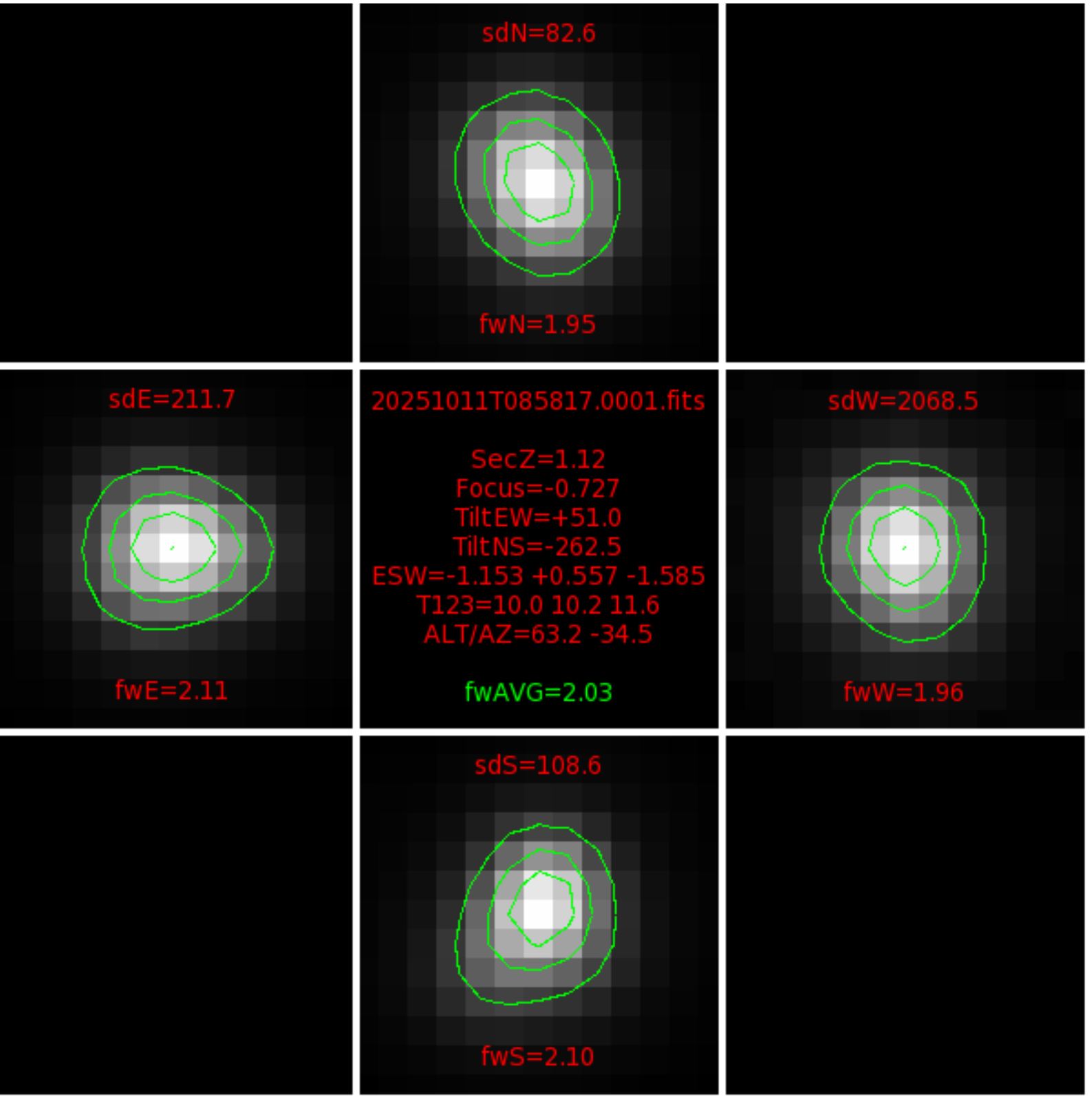
sdN=82.6
fwN=1.95
sdE=211.7
fwE=2.11
20251011T085817.0001.fits
SecZ=1.12
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=10.0 10.2 11.6
ALT/AZ=63.2 -34.5
fwAVG=2.03
sdW=2068.5
fwW=1.96
sdS=108.6
fwS=2.10
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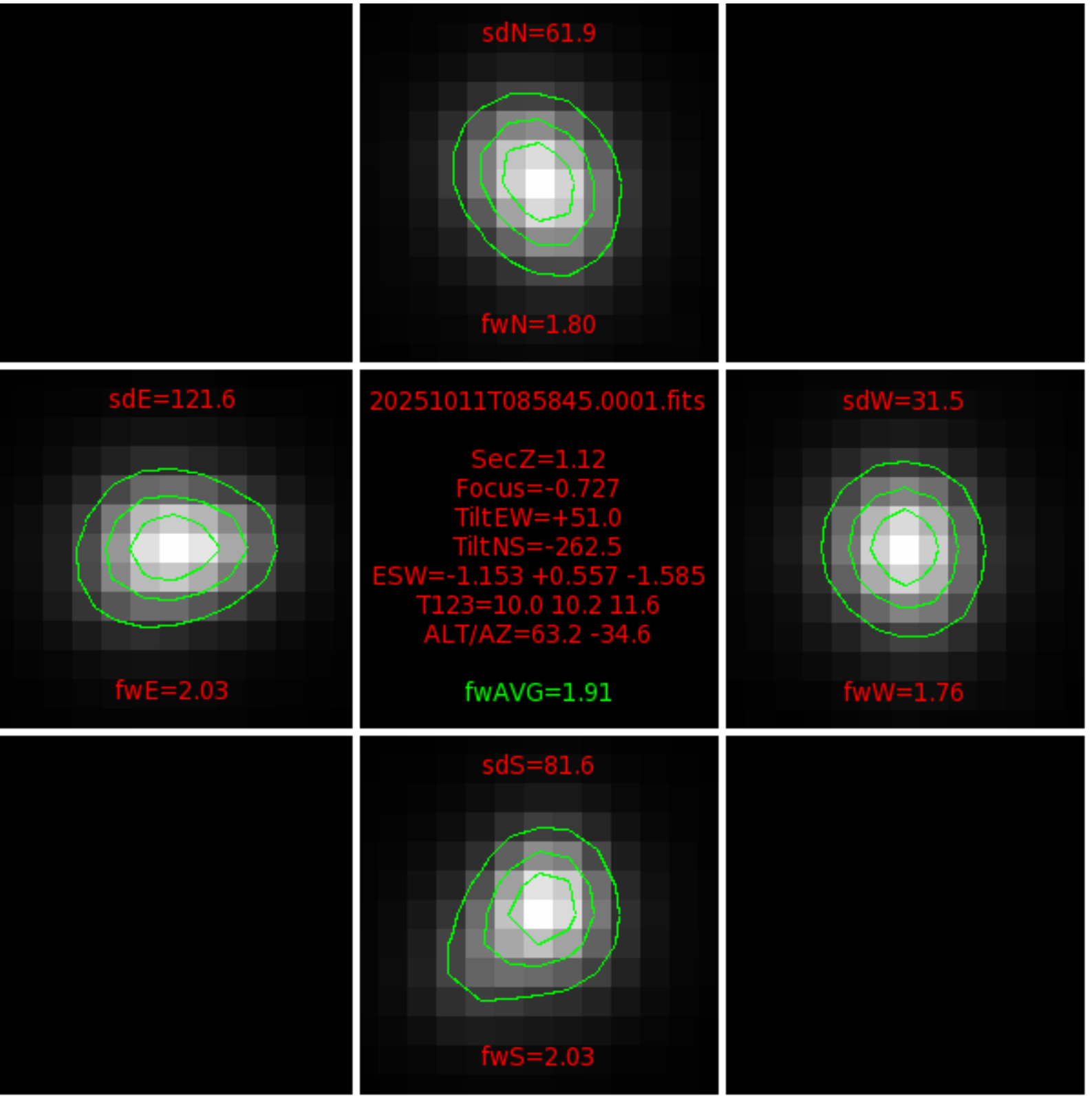
sdN=61.9
fwN=1.80
sdE=121.6
fwE=2.03
20251011T085845.0001.fits
SecZ=1.12
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=10.0 10.2 11.6
ALT/AZ=63.2 -34.6
fwAVG=1.91
sdW=31.5
fwW=1.76
sdS=81.6
fwS=2.03
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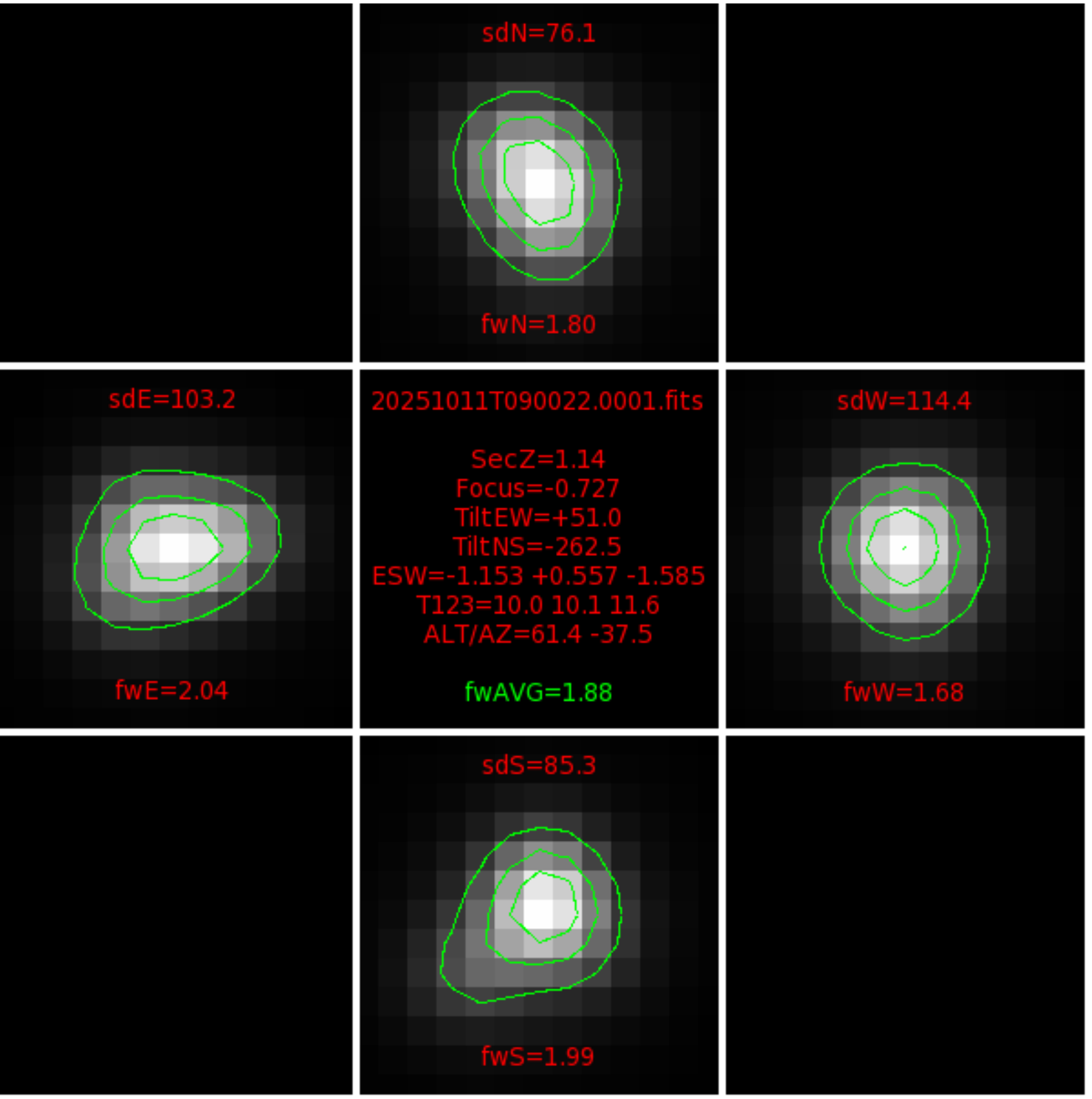
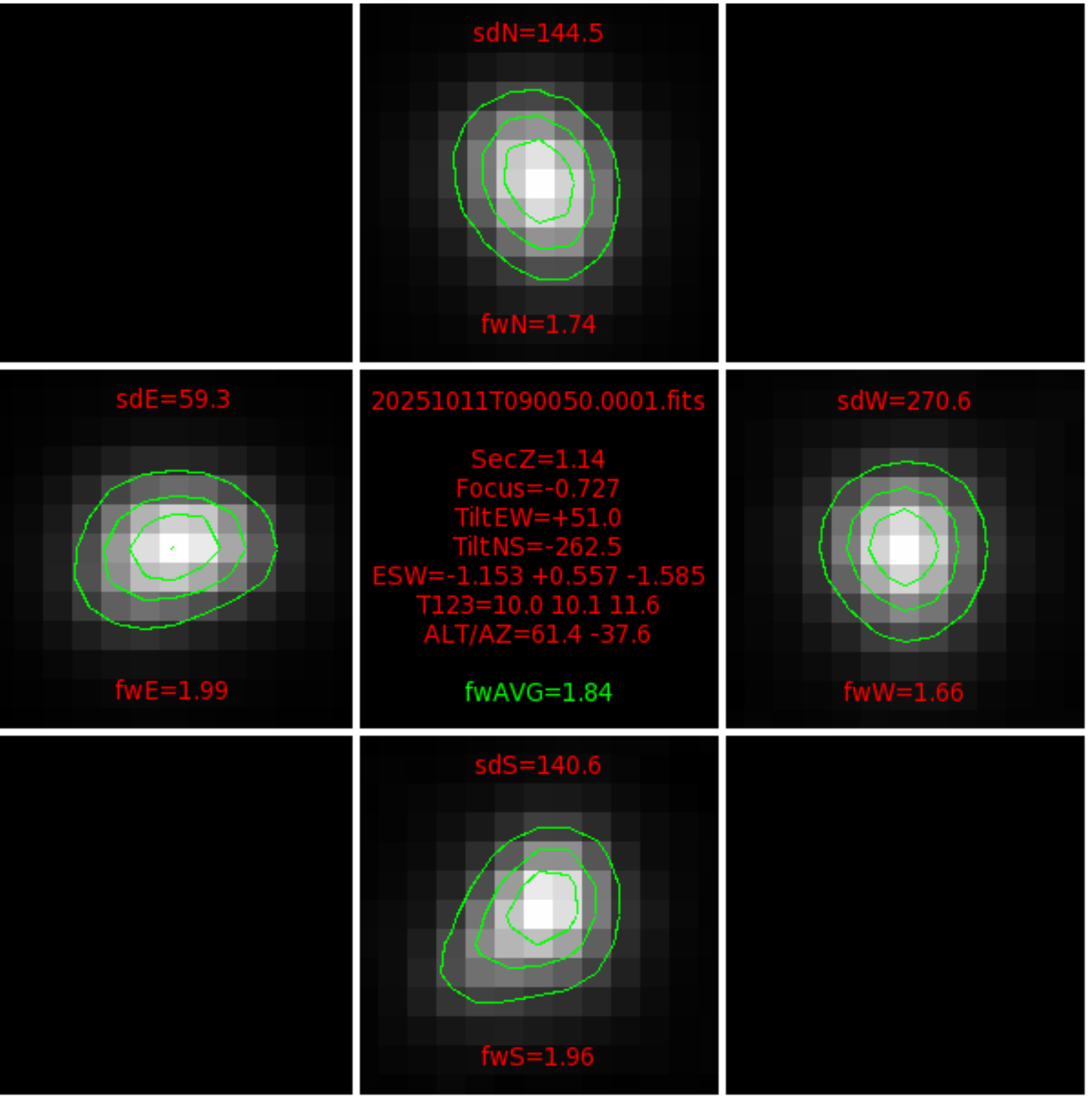

sdN=76.1
fwN=1.80
sdE=103.2
fwE=2.04
20251011T090022.0001.fits
SecZ=1.14
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=10.0 10.1 11.6
ALT/AZ=61.4 -37.5
fwAVG=1.88
sdW=114.4
fwW=1.68
sdS=85.3
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=144.5
fwN=1.74
sdE=59.3
fwE=1.99
20251011T090050.0001.fits
SecZ=1.14
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=10.0 10.1 11.6
ALT/AZ=61.4 -37.6
fwAVG=1.84
sdW=270.6
fwW=1.66
sdS=140.6
fwS=1.96
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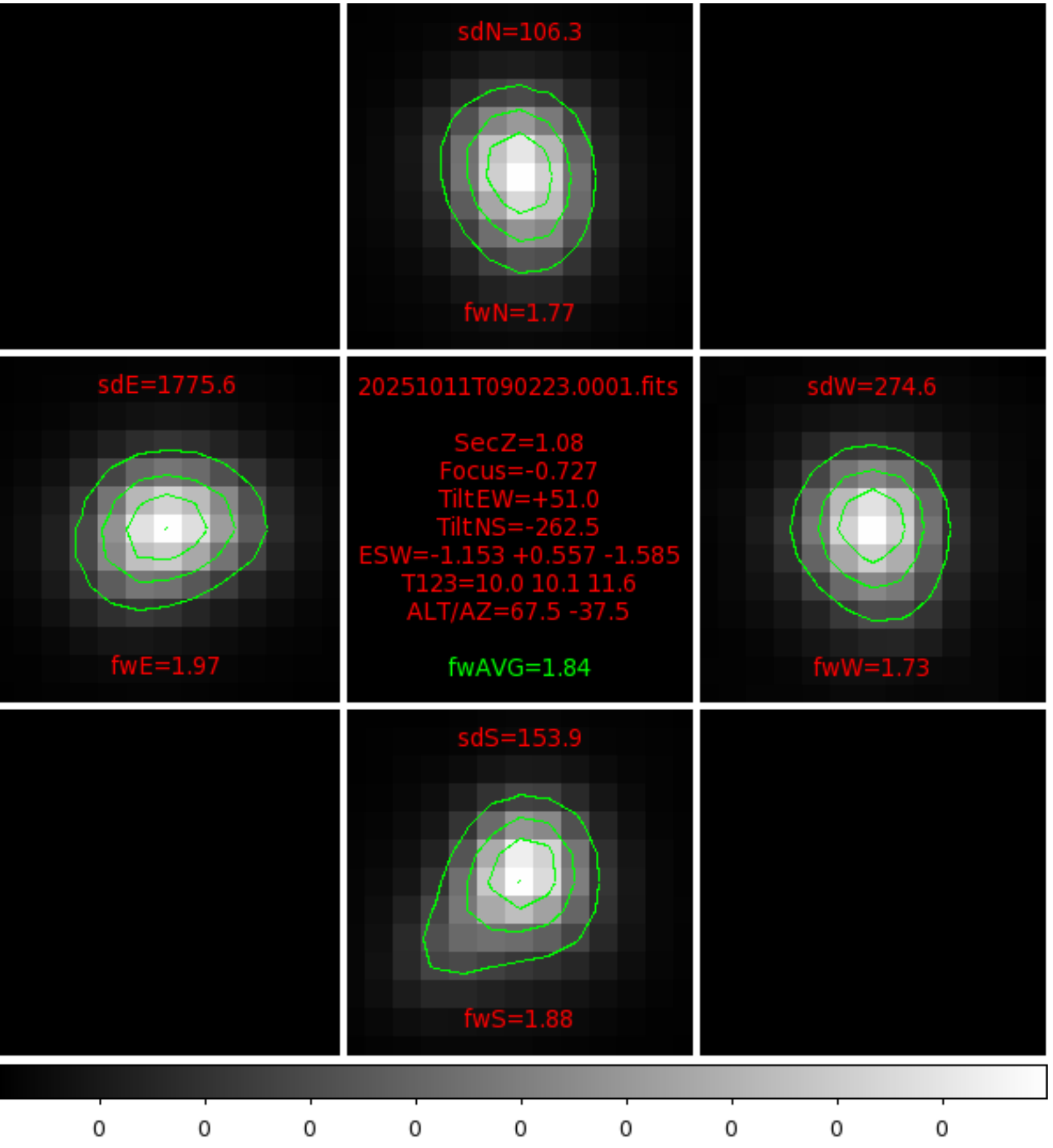
sdN=106.3
fwN=1.77
sdE=1775.6
fwE=1.97
20251011T090223.0001.fits
SecZ=1.08
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=10.0 10.1 11.6
ALT/AZ=67.5 -37.5
fwAVG=1.84
sdW=274.6
fwW=1.73
sdS=153.9
fwS=1.88
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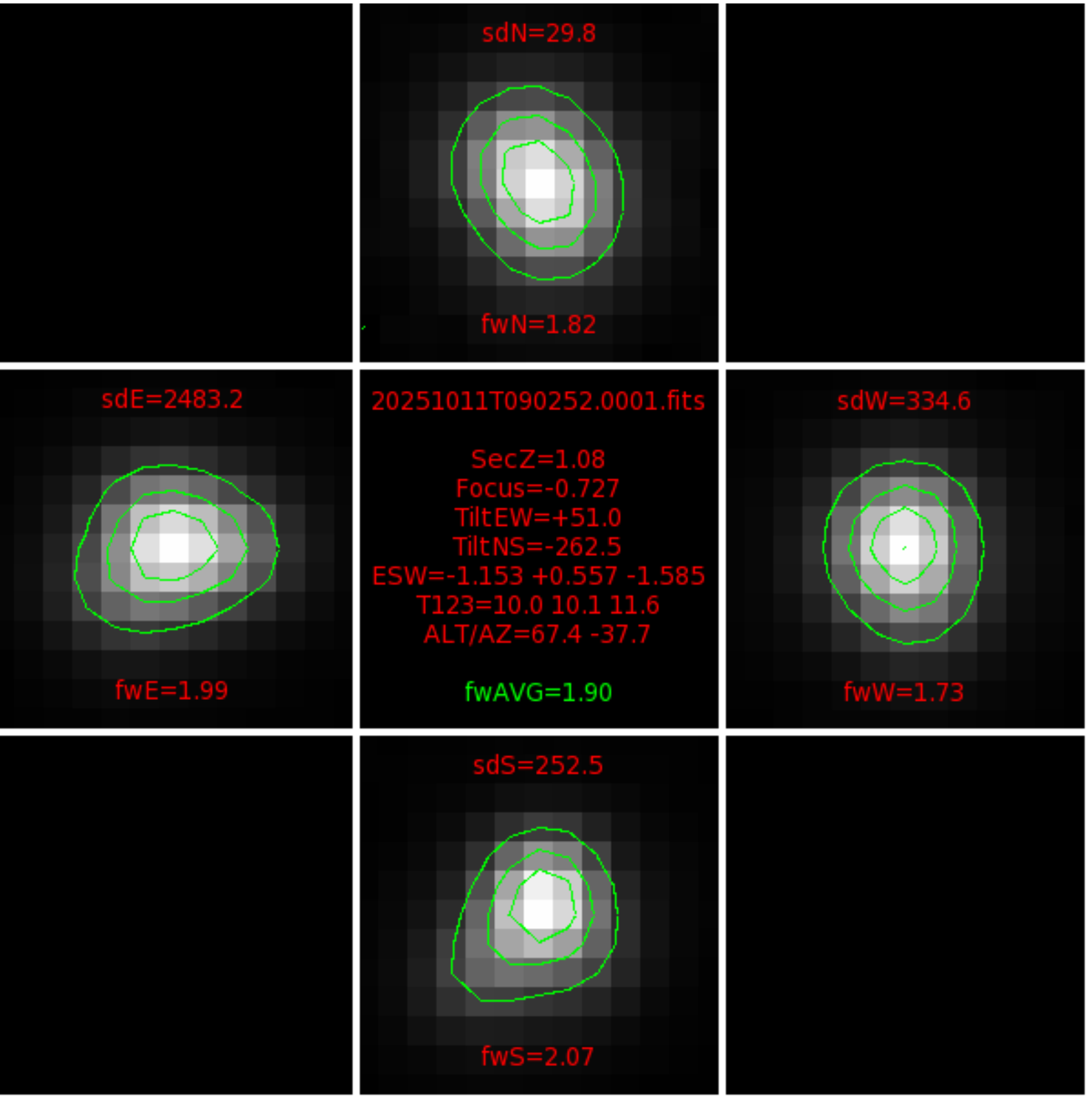
sdN=29.8
fwN=1.82
sdE=2483.2
fwE=1.99
20251011T090252.0001.fits
SecZ=1.08
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=10.0 10.1 11.6
ALT/AZ=67.4 -37.7
fwAVG=1.90
sdW=334.6
fwW=1.73
sdS=252.5
fwS=2.07
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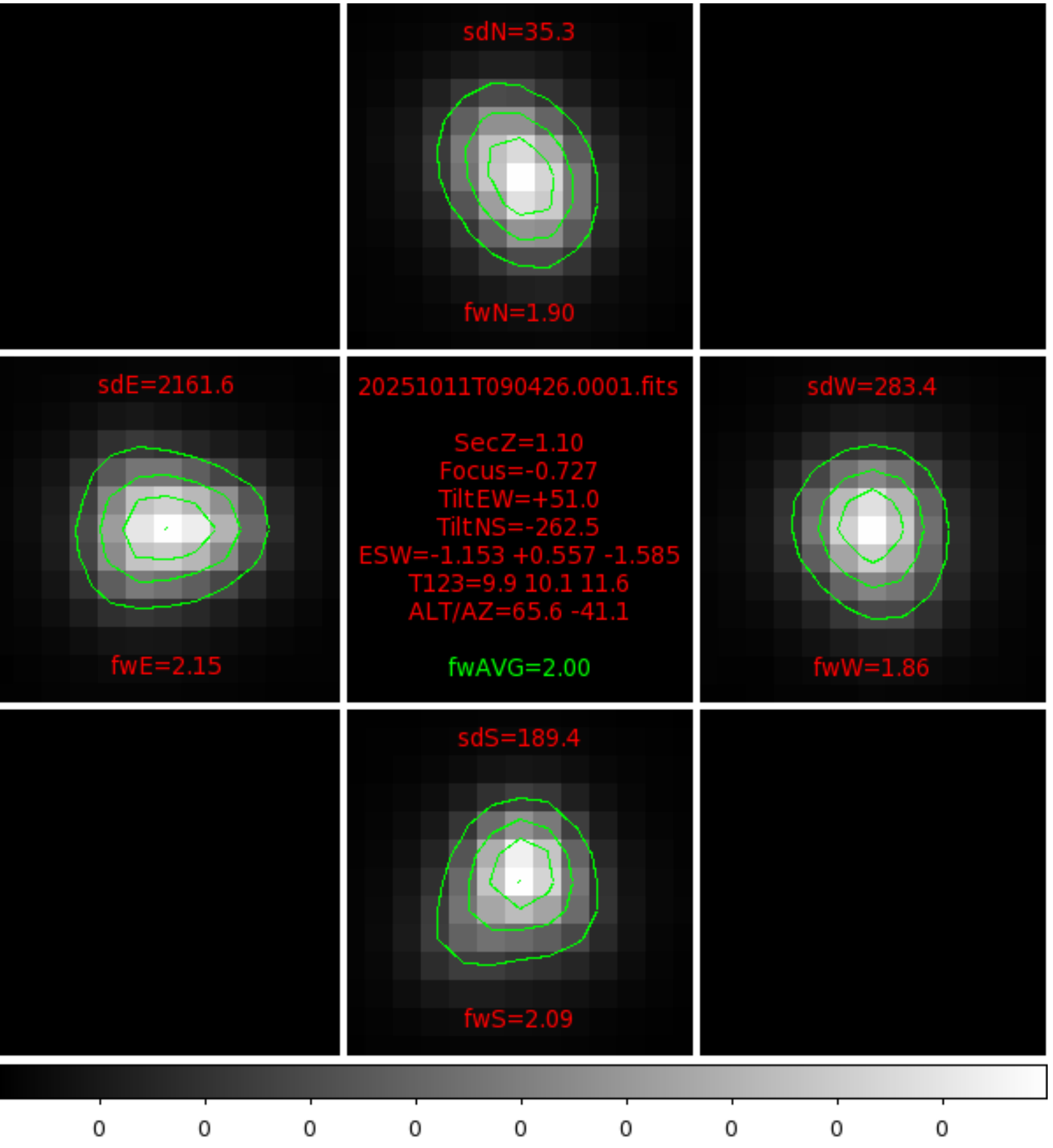
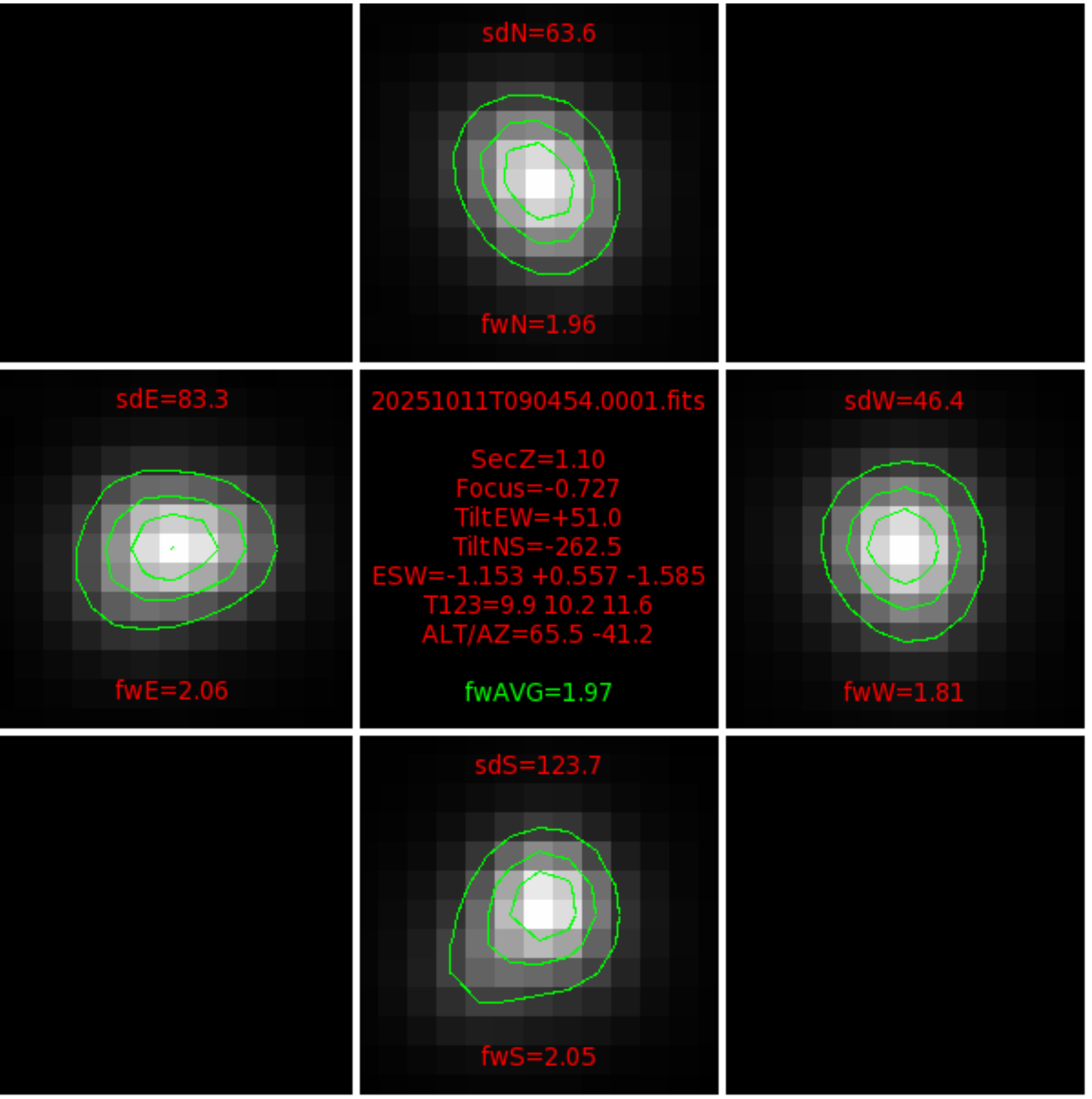

sdN=35.3
fwN=1.90
sdE=2161.6
fwE=2.15
20251011T090426.0001.fits
SecZ=1.10
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=9.9 10.1 11.6
ALT/AZ=65.6 -41.1
fwAVG=2.00
sdW=283.4
fwW=1.86
sdS=189.4
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=63.6
fwN=1.96
sdE=83.3
fwE=2.06
20251011T090454.0001.fits
SecZ=1.10
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=9.9 10.2 11.6
ALT/AZ=65.5 -41.2
fwAVG=1.97
sdW=46.4
fwW=1.81
sdS=123.7
fwS=2.05
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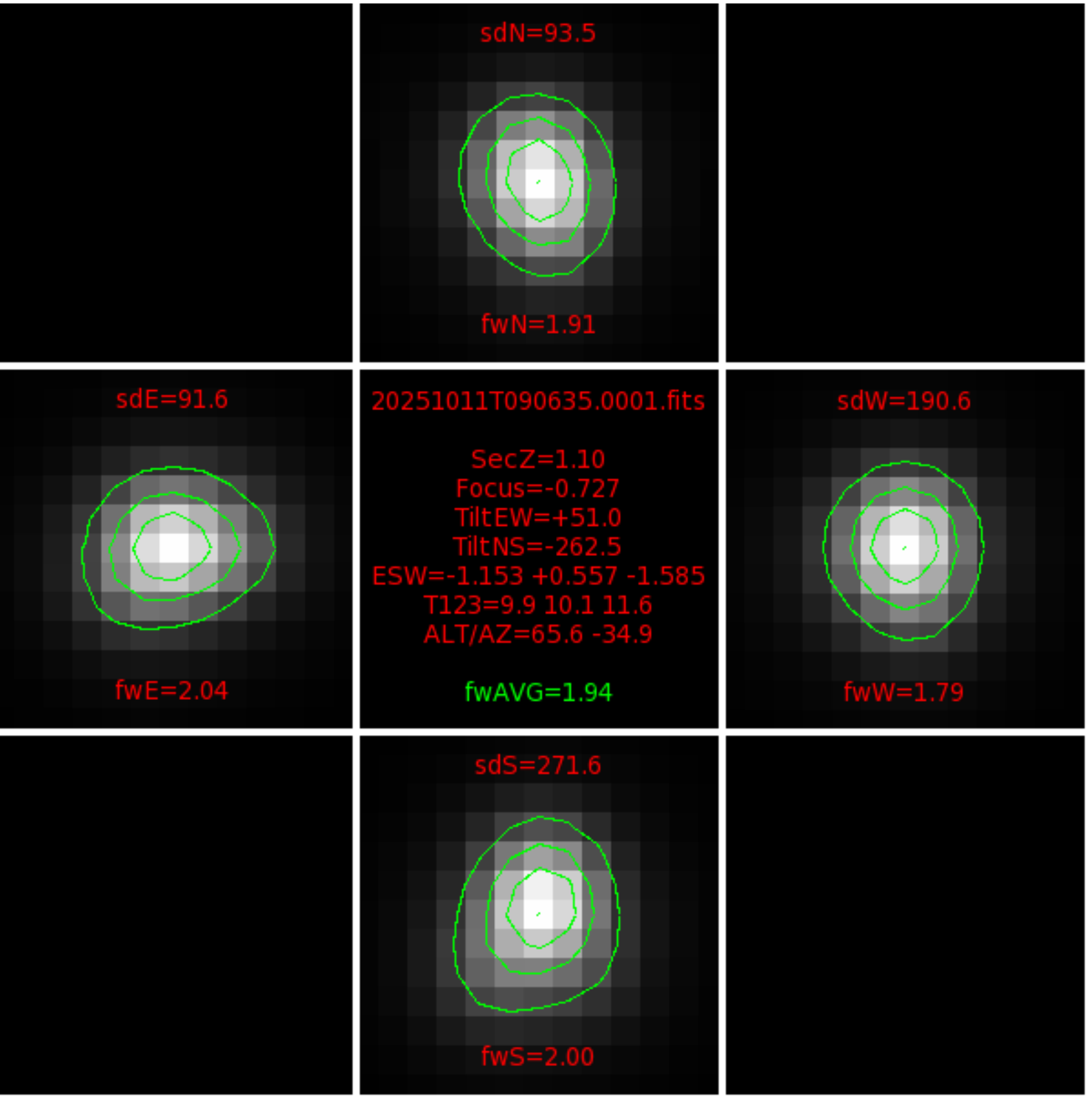
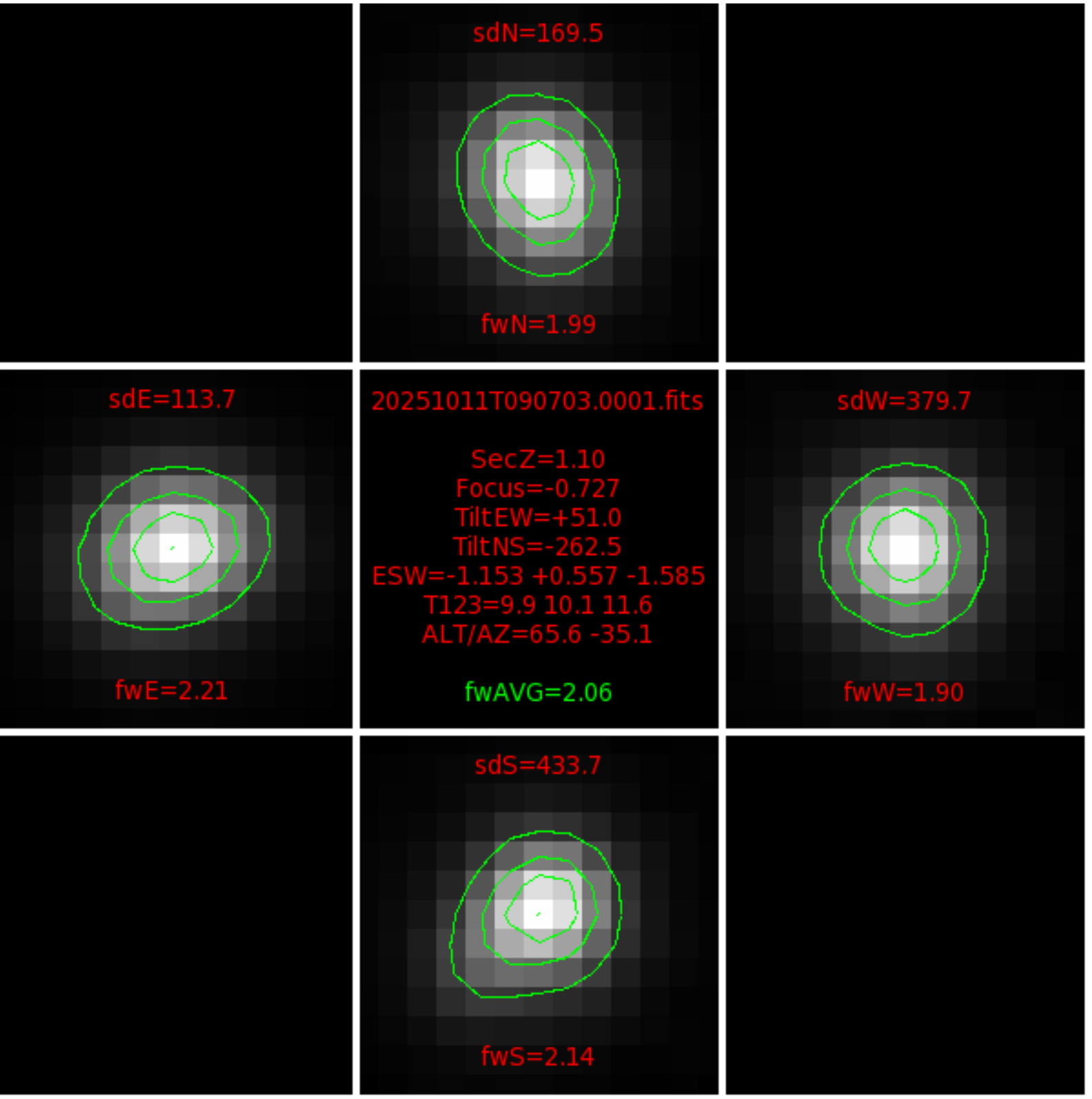

sdN=93.5
fwN=1.91
sdE=91.6
fwE=2.04
20251011T090635.0001.fits
SecZ=1.10
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=9.9 10.1 11.6
ALT/AZ=65.6 -34.9
fwAVG=1.94
sdW=190.6
fwW=1.79
sdS=271.6
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=169.5
fwN=1.99
sdE=113.7
fwE=2.21
20251011T090703.0001.fits
SecZ=1.10
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=9.9 10.1 11.6
ALT/AZ=65.6 -35.1
fwAVG=2.06
sdW=379.7
fwW=1.90
sdS=433.7
fwS=2.14
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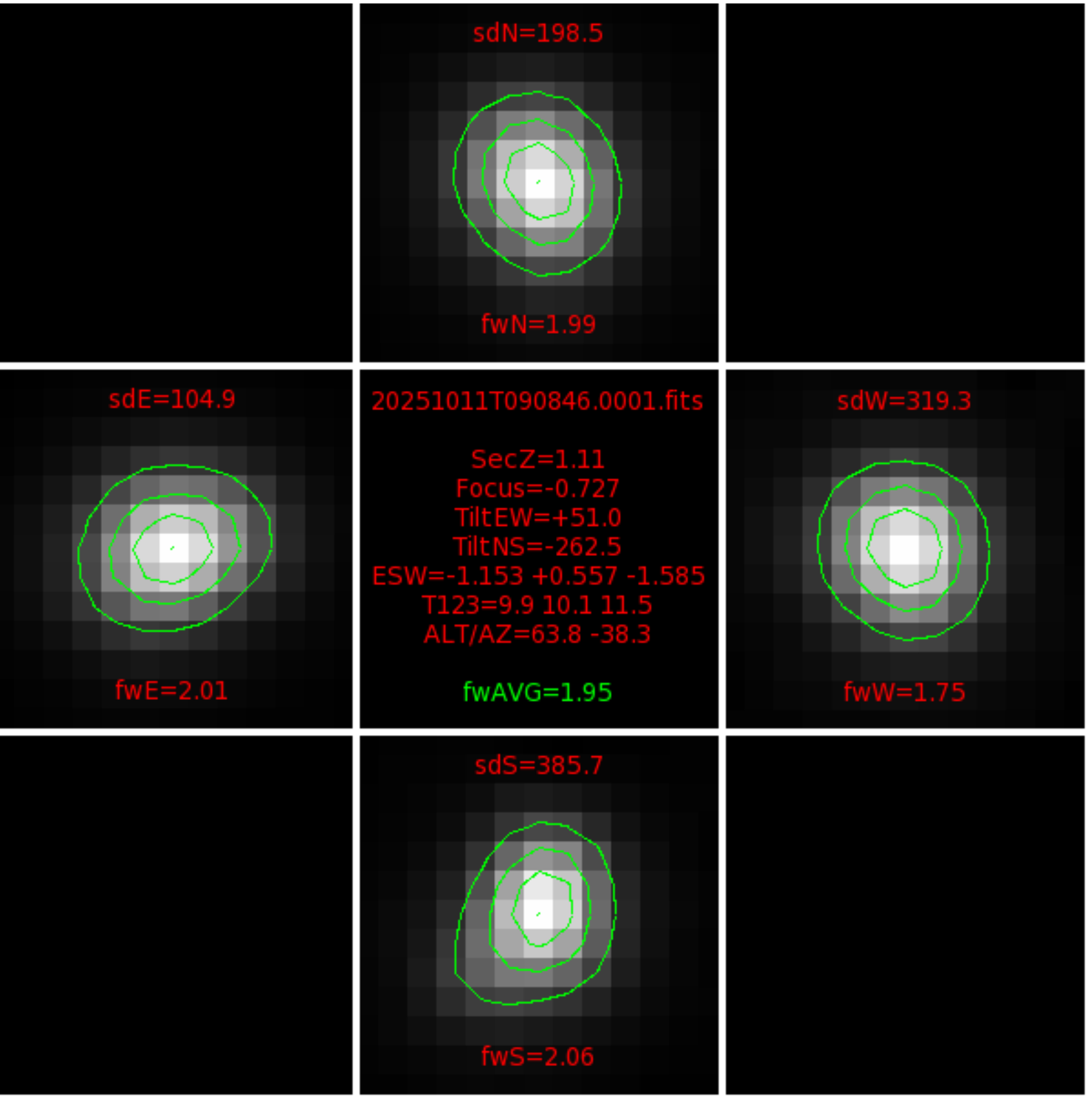
sdN=198.5
fwN=1.99
sdE=104.9
fwE=2.01
20251011T090846.0001.fits
SecZ=1.11
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=9.9 10.1 11.5
ALT/AZ=63.8 -38.3
fwAVG=1.95
sdW=319.3
fwW=1.75
sdS=385.7
fwS=2.06
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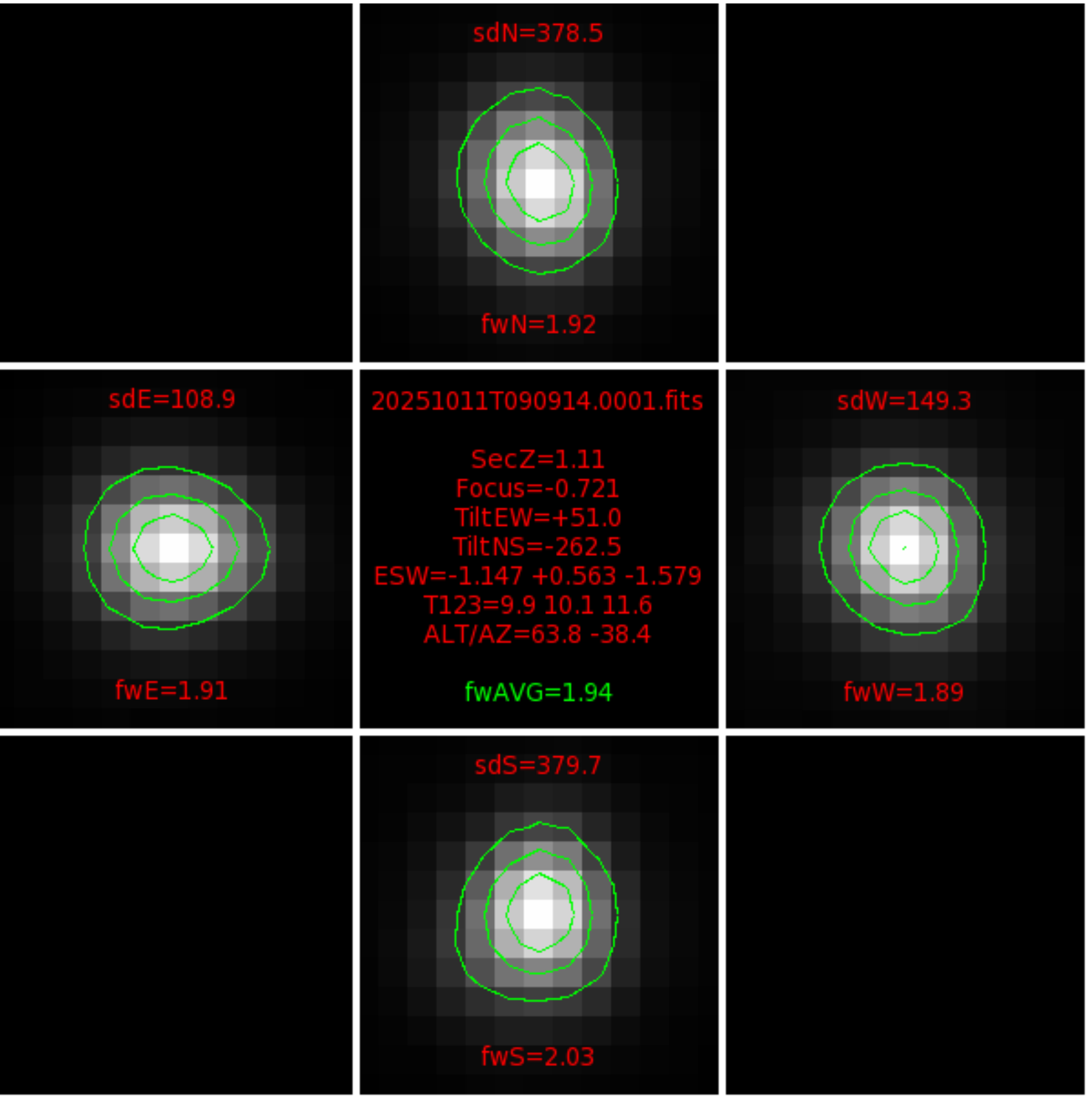
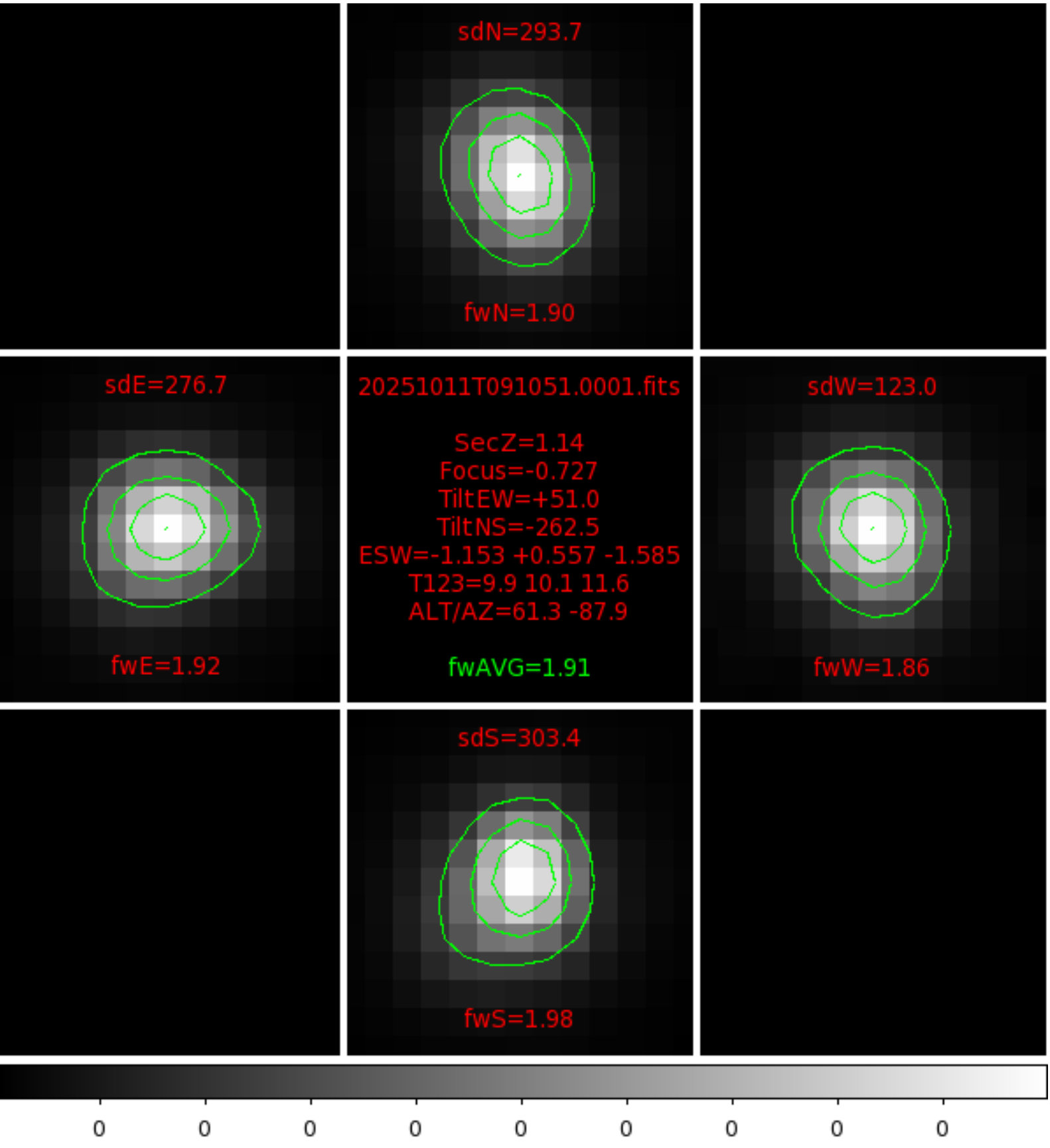
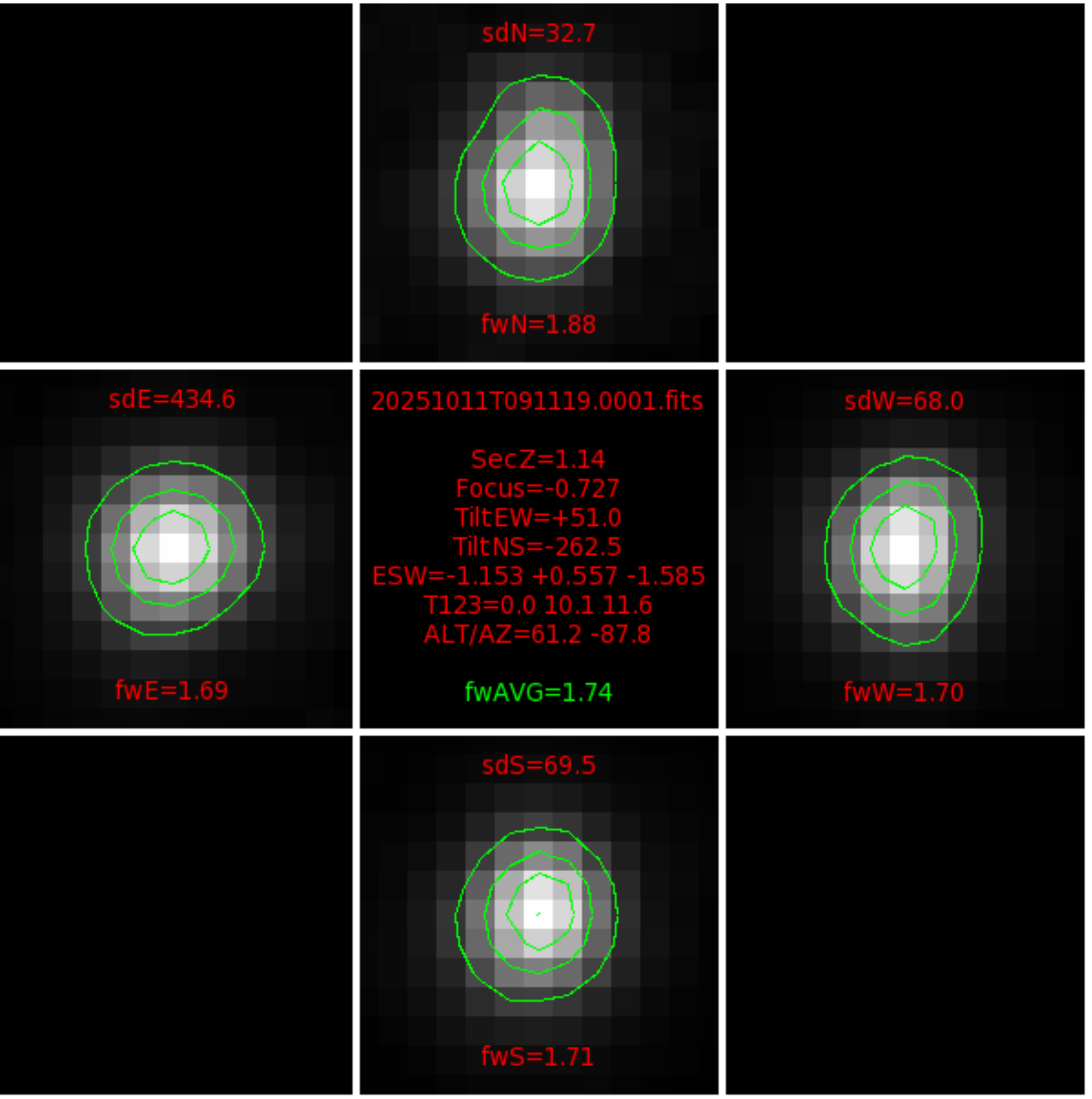

sdN=378.5
fwN=1.92
sdE=108.9
fwE=1.91
20251011T090914.0001.fits
SecZ=1.11
Focus=-0.721
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.147 +0.563 -1.579
T123=9.9 10.1 11.6
ALT/AZ=63.8 -38.4
fwAVG=1.94
sdW=149.3
fwW=1.89
sdS=379.7
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=293.7
fwN=1.90
sdE=276.7
fwE=1.92
20251011T091051.0001.fits
SecZ=1.14
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=9.9 10.1 11.6
ALT/AZ=61.3 -87.9
fwAVG=1.91
sdW=123.0
fwW=1.86
sdS=303.4
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=32.7
fwN=1.88
sdE=434.6
fwE=1.69
20251011T091119.0001.fits
SecZ=1.14
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=0.0 10.1 11.6
ALT/AZ=61.2 -87.8
fwAVG=1.74
sdW=68.0
fwW=1.70
sdS=69.5
fwS=1.71
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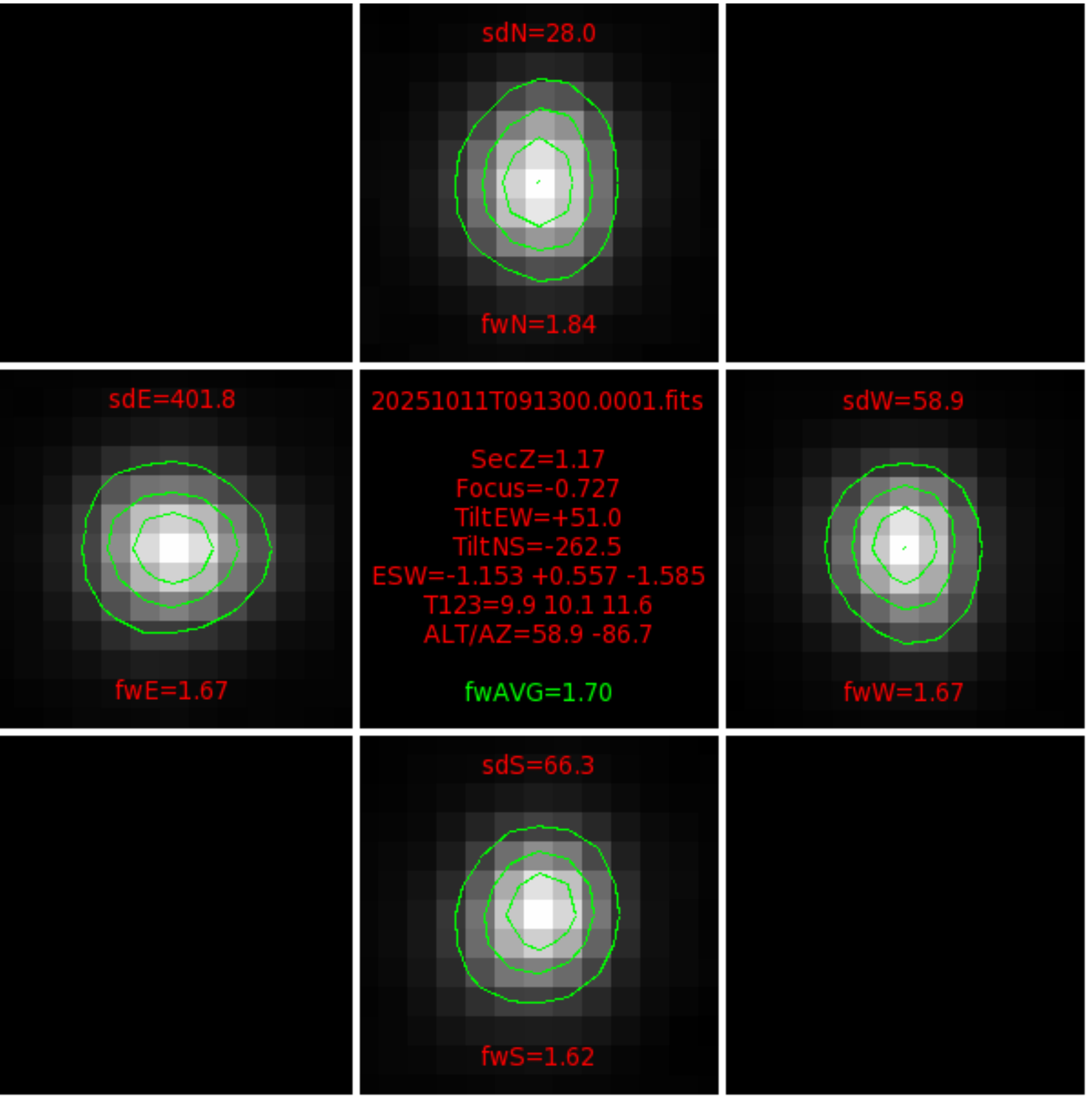
sdN=28.0
fwN=1.84
sdE=401.8
fwE=1.67
20251011T091300.0001.fits
SecZ=1.17
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=9.9 10.1 11.6
ALT/AZ=58.9 -86.7
fwAVG=1.70
sdW=58.9
fwW=1.67
sdS=66.3
fwS=1.62
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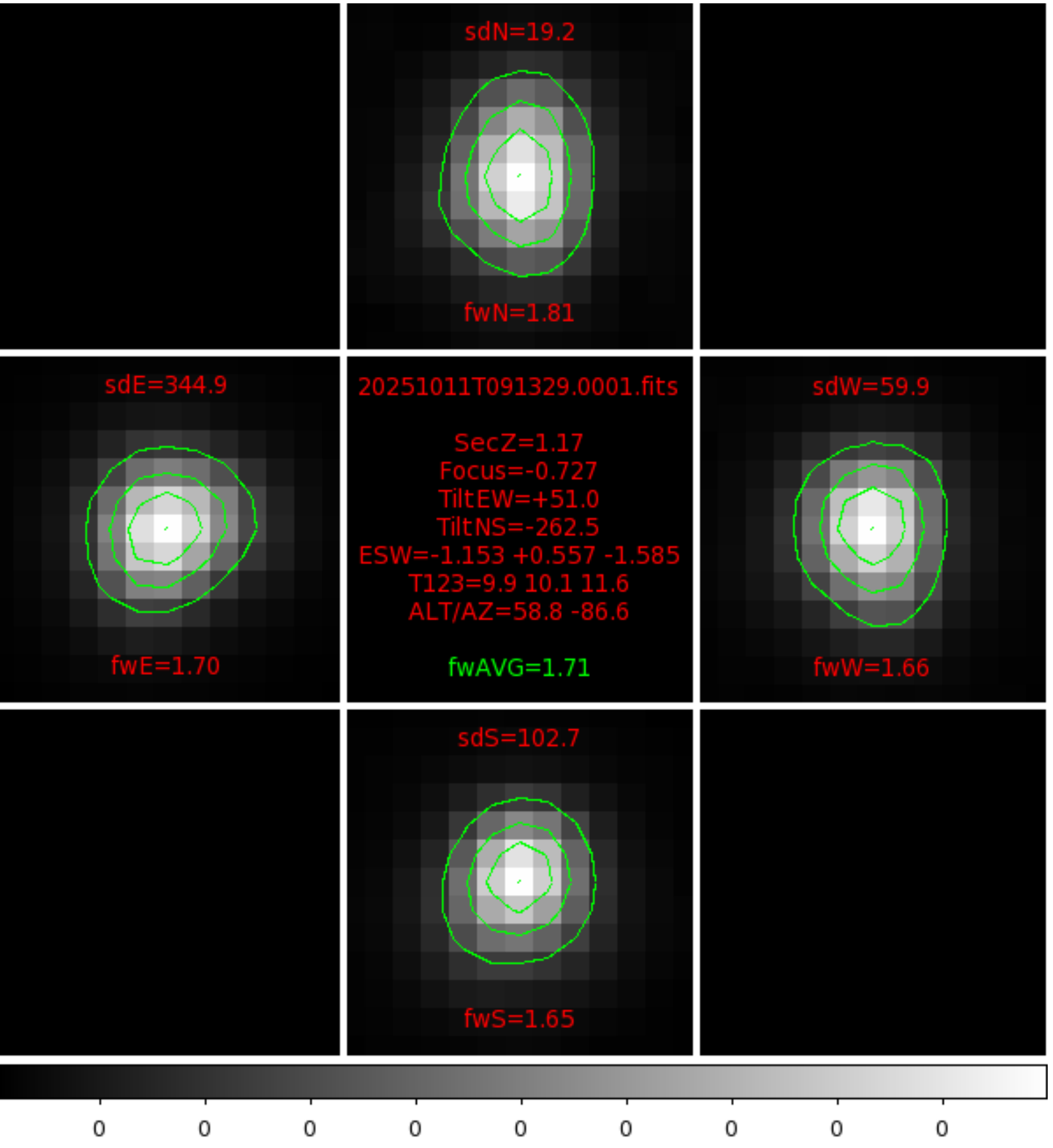
sdN=19.2
fwN=1.81
sdE=344.9
fwE=1.70
20251011T091329.0001.fits
SecZ=1.17
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=9.9 10.1 11.6
ALT/AZ=58.8 -86.6
fwAVG=1.71
sdW=59.9
fwW=1.66
sdS=102.7
fwS=1.65
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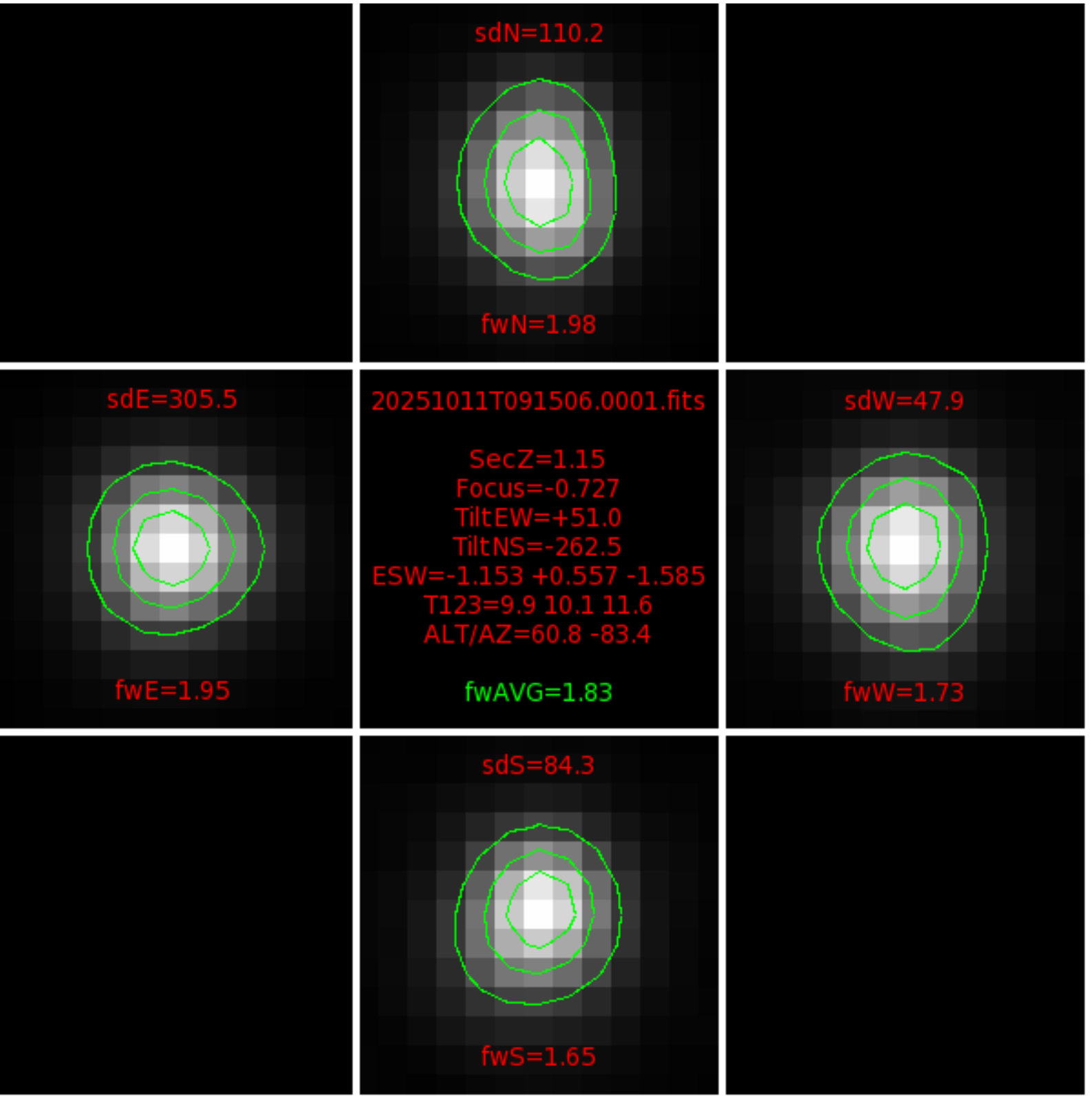
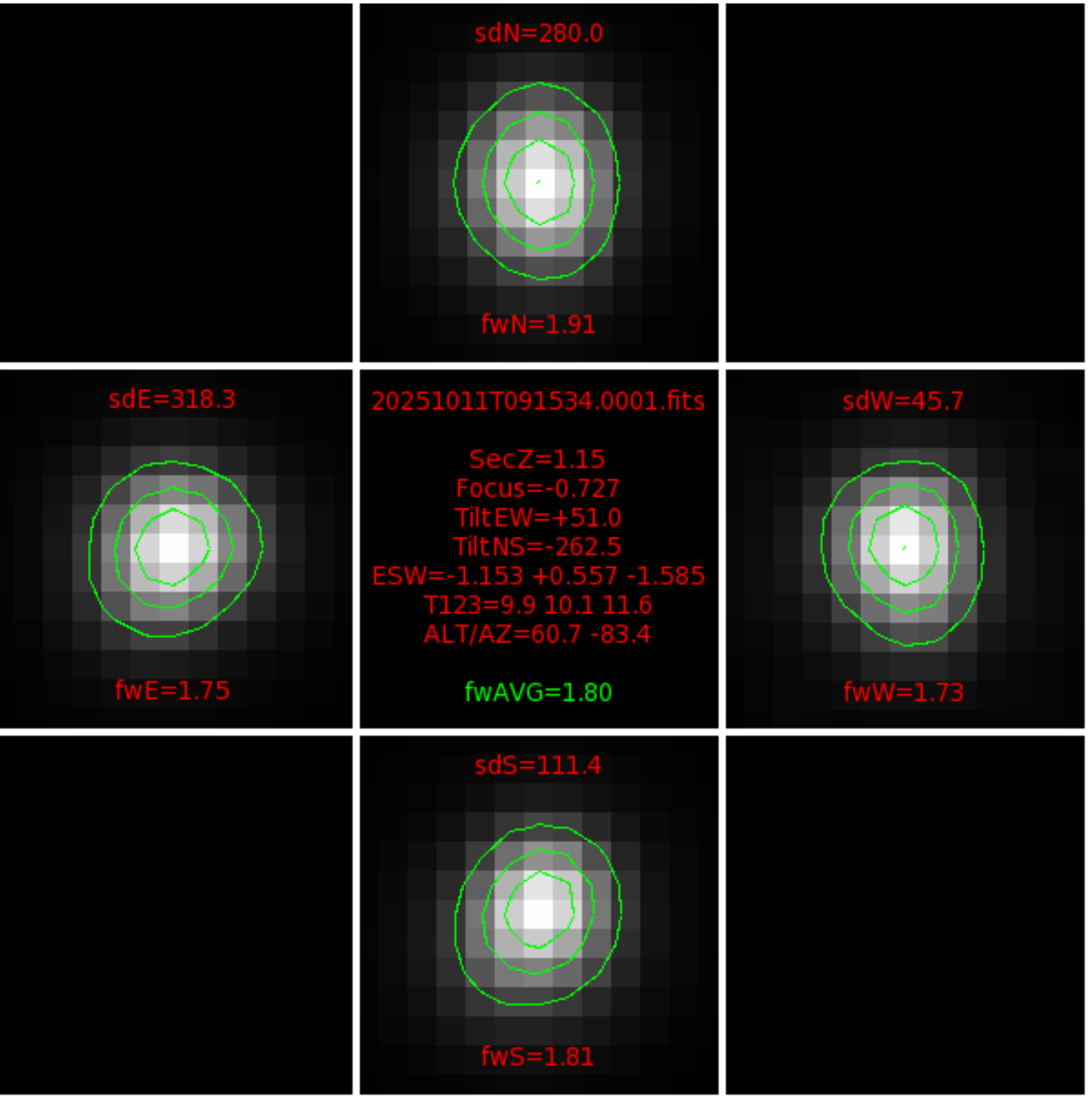

sdN=110.2
fwN=1.98
sdE=305.5
fwE=1.95
20251011T091506.0001.fits
SecZ=1.15
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=9.9 10.1 11.6
ALT/AZ=60.8 -83.4
fwAVG=1.83
sdW=47.9
fwW=1.73
sdS=84.3
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=280.0
fwN=1.91
sdE=318.3
fwE=1.75
20251011T091534.0001.fits
SecZ=1.15
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=9.9 10.1 11.6
ALT/AZ=60.7 -83.4
fwAVG=1.80
sdW=45.7
fwW=1.73
sdS=111.4
fwS=1.81
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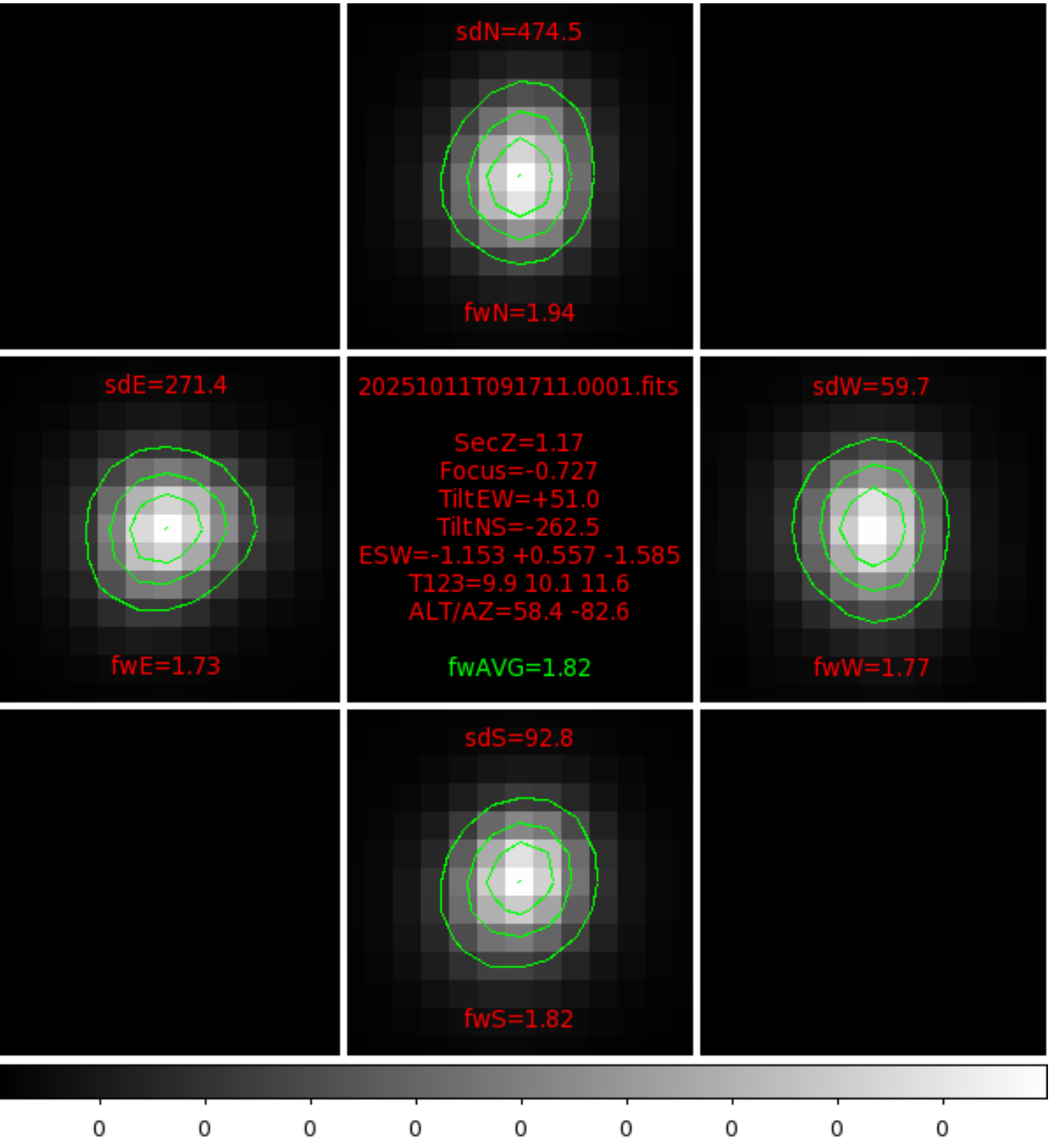
sdN=474.5
fwN=1.94
sdE=271.4
fwE=1.73
20251011T091711.0001.fits
SecZ=1.17
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=9.9 10.1 11.6
ALT/AZ=58.4 -82.6
fwAVG=1.82
sdW=59.7
fwW=1.77
sdS=92.8
fwS=1.82
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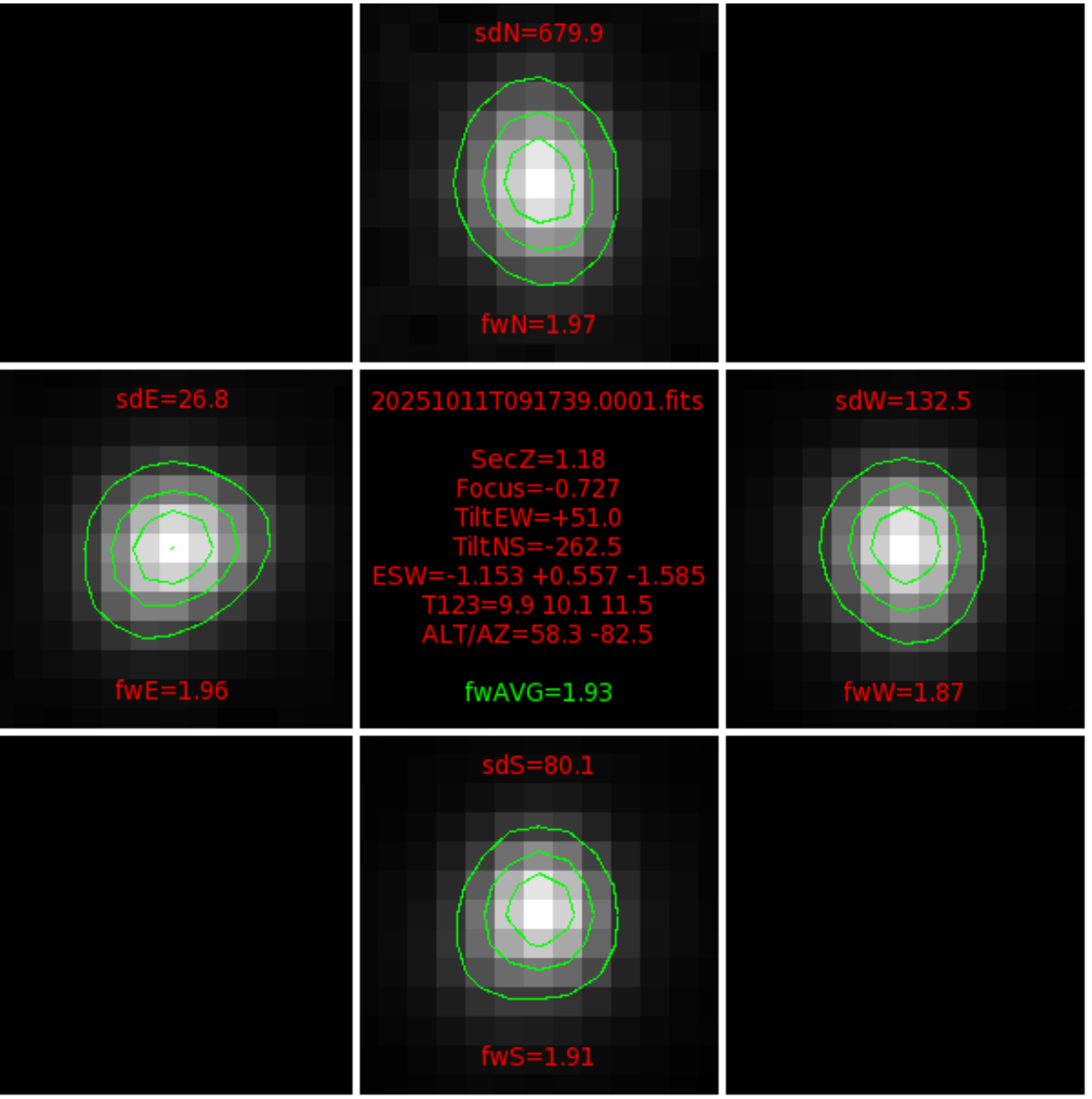
sdN=679.9
fwN=1.97
sdE=26.8
fwE=1.96
20251011T091739.0001.fits
SecZ=1.18
Focus=-0.727
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.153 +0.557 -1.585
T123=9.9 10.1 11.5
ALT/AZ=58.3 -82.5
fwAVG=1.93
sdW=132.5
fwW=1.87
sdS=80.1
fwS=1.91
0 0 0 0 0 0 0 0 0