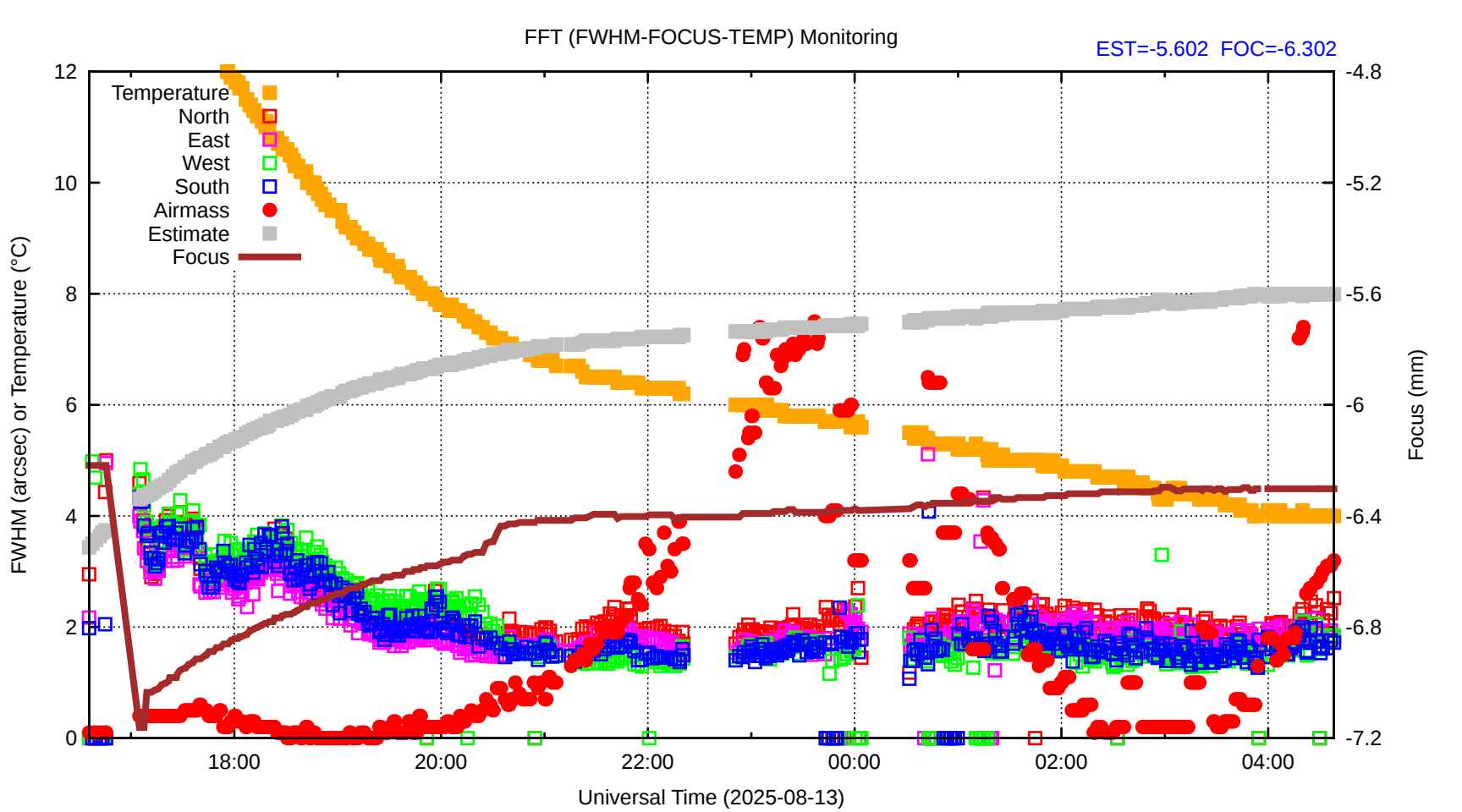
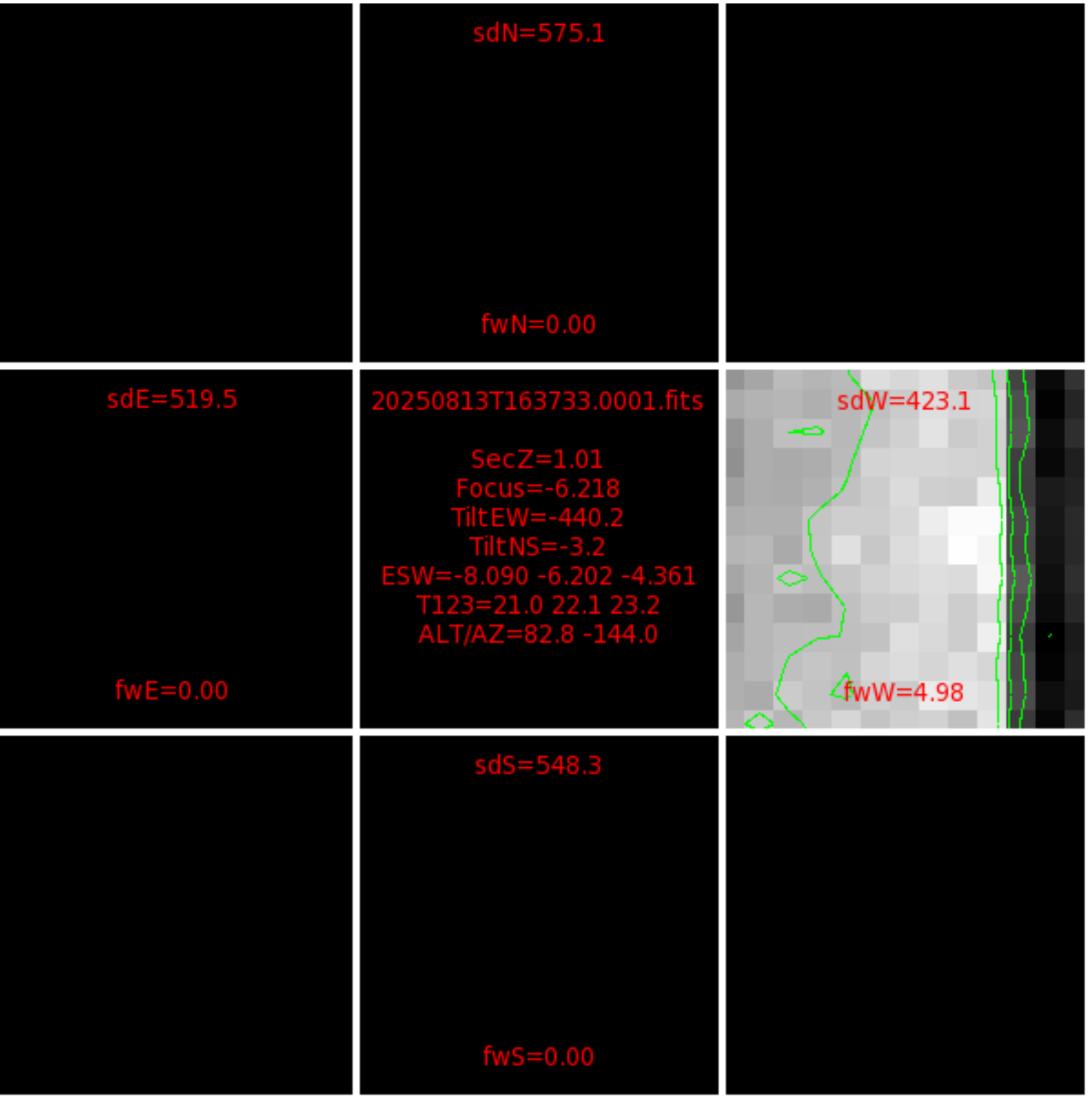

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-5.602 FOC=-6.302
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2025-08-13)
0
2
4
6
8
10
12
-4.8
-5.2
-5.6
-6
-6.4
-6.8
-7.2
18:00
20:00
22:00
00:00
02:00
04:00


sdN=575.1
fwN=0.00
sdE=519.5
fwE=0.00
20250813T163733.0001.fits
SecZ=1.01
Focus=-6.218
TiltEW=-440.2
TiltNS=-3.2
ESW=-8.090 -6.202 -4.361
T123=21.0 22.1 23.2
ALT/AZ=82.8 -144.0
sdW=423.1
fwW=4.98
sdS=548.3
fwS=0.00
0 0 0 0 0 0 0 0 0

sdN=700.0
fwN=0.00
sdE=645.4
fwE=0.00
20250813T163913.0001.fits
SecZ=1.01
Focus=-6.218
TiltEW=-440.2
TiltNS=-3.2
ESW=-8.090 -6.202 -4.361
T123=20.7 21.8 23.0
ALT/AZ=82.6 -141.6
sdW=509.1
fwW=4.69
sdS=666.1
fwS=0.00
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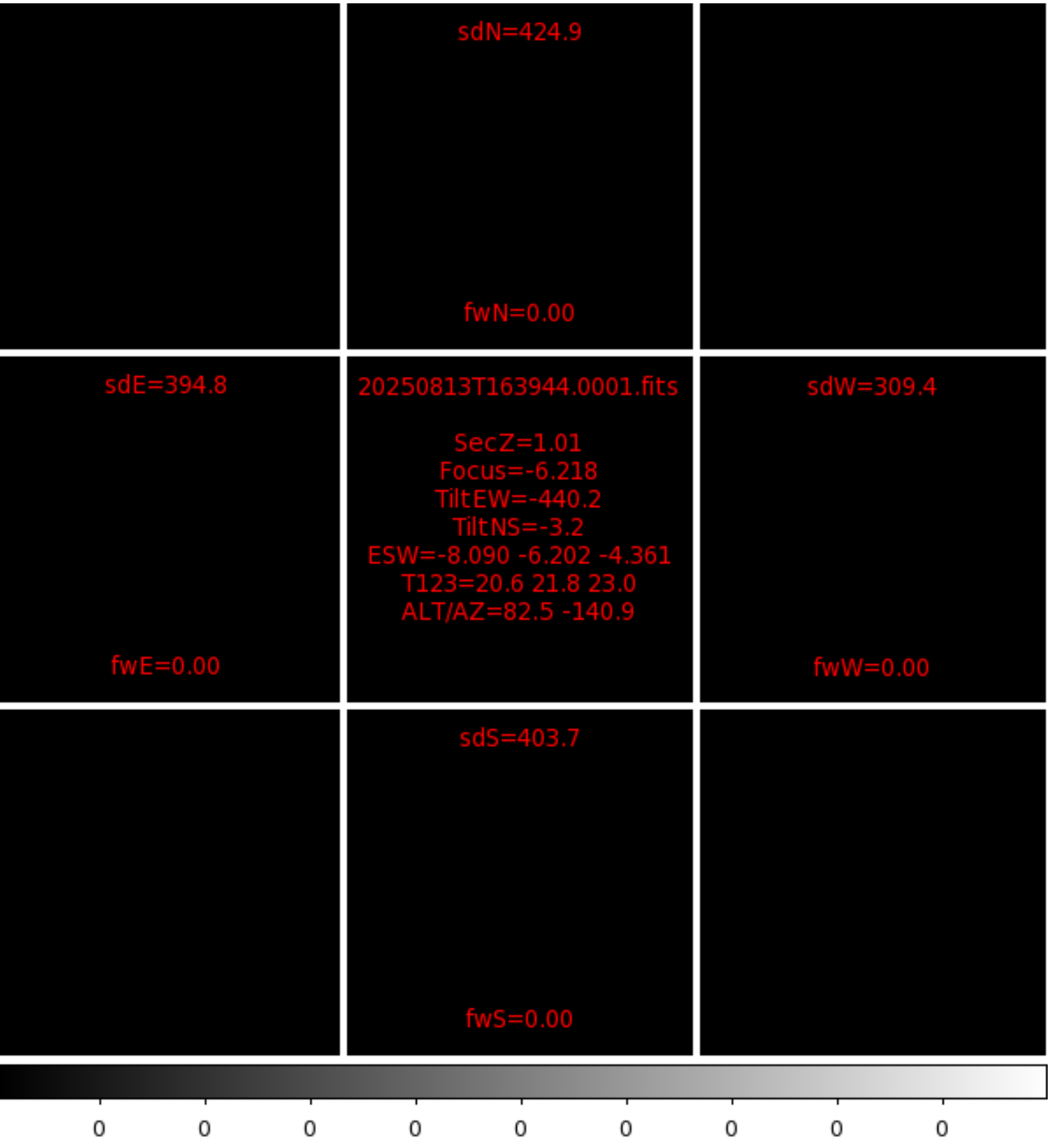
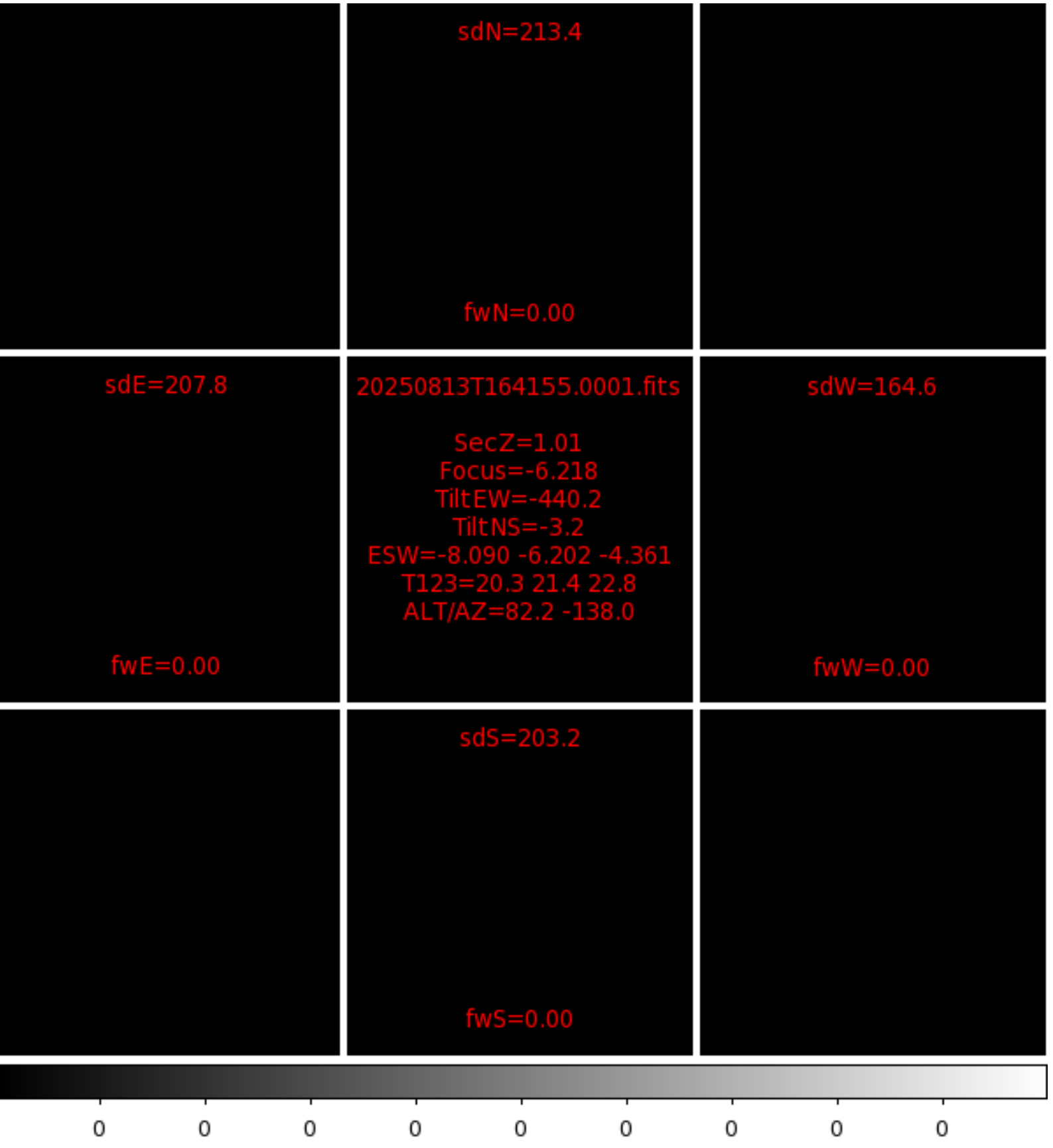
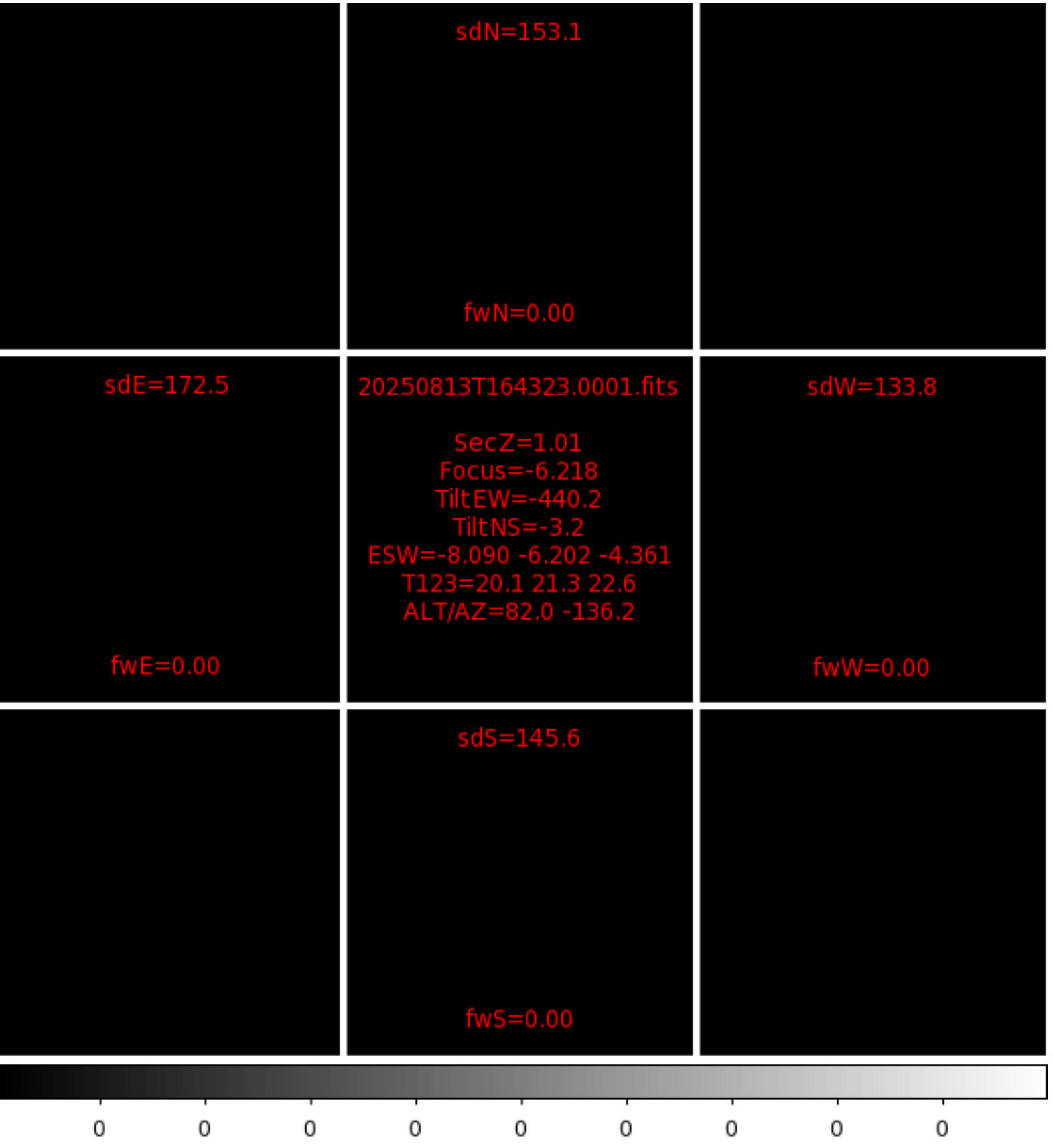
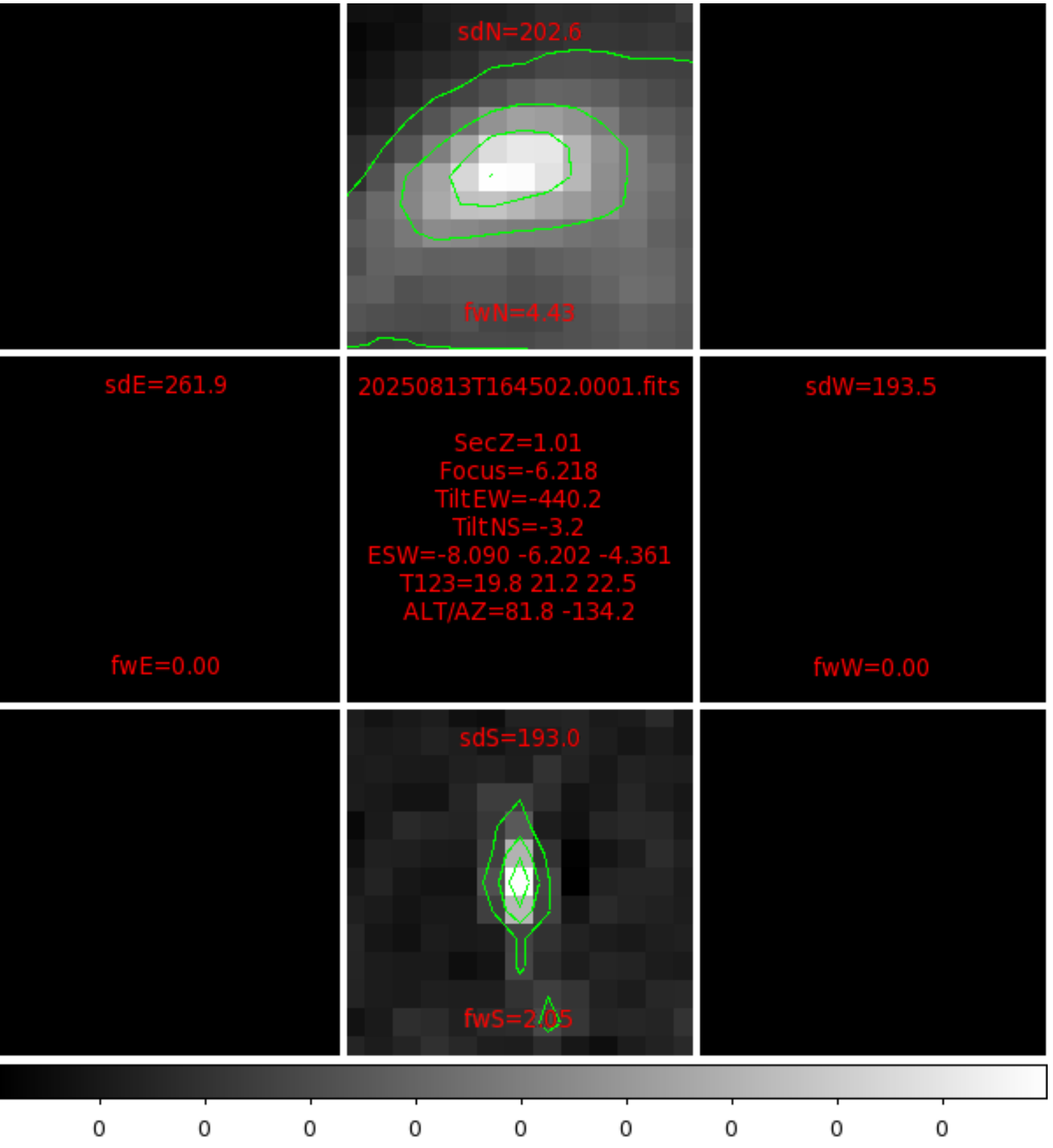
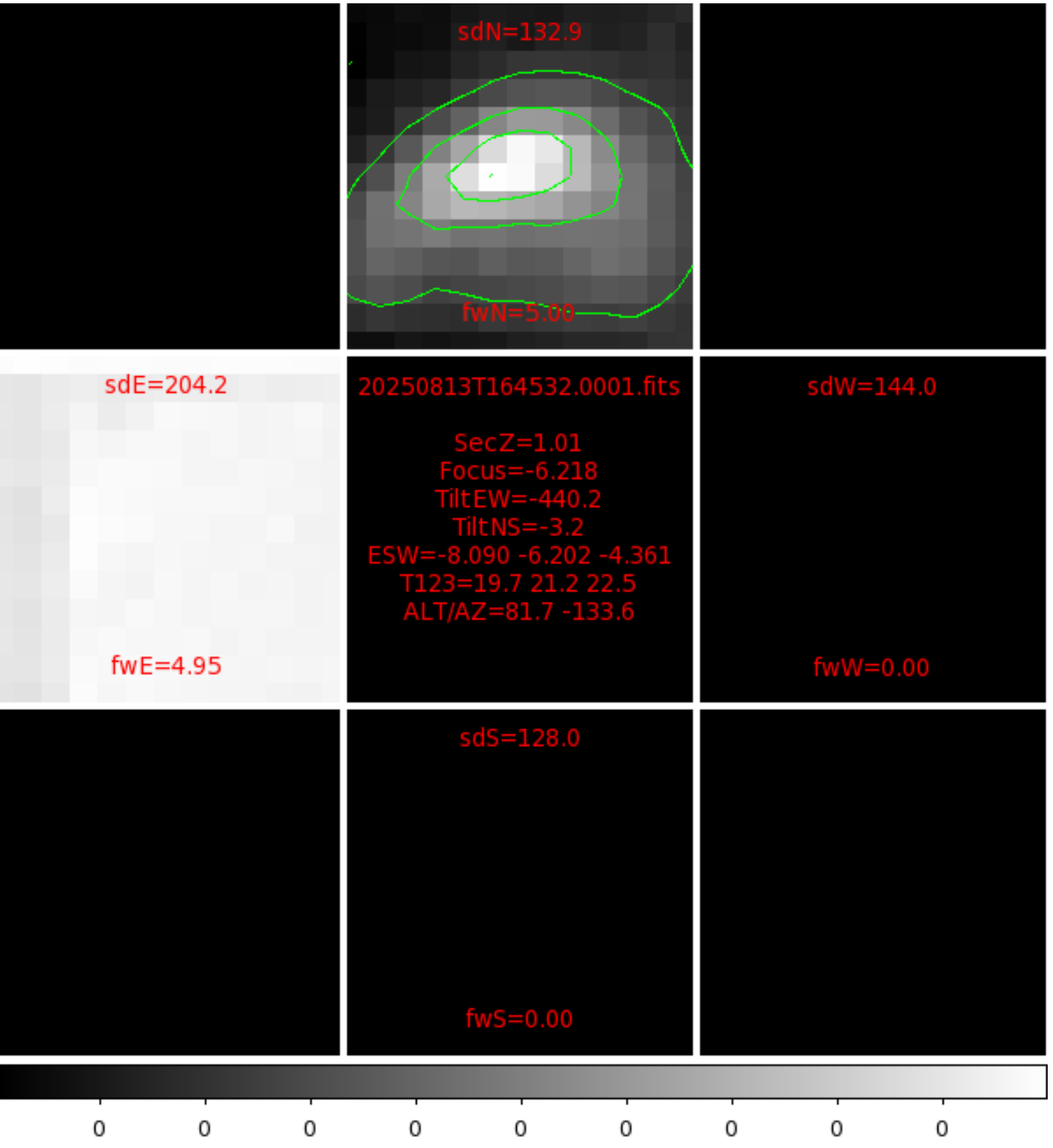
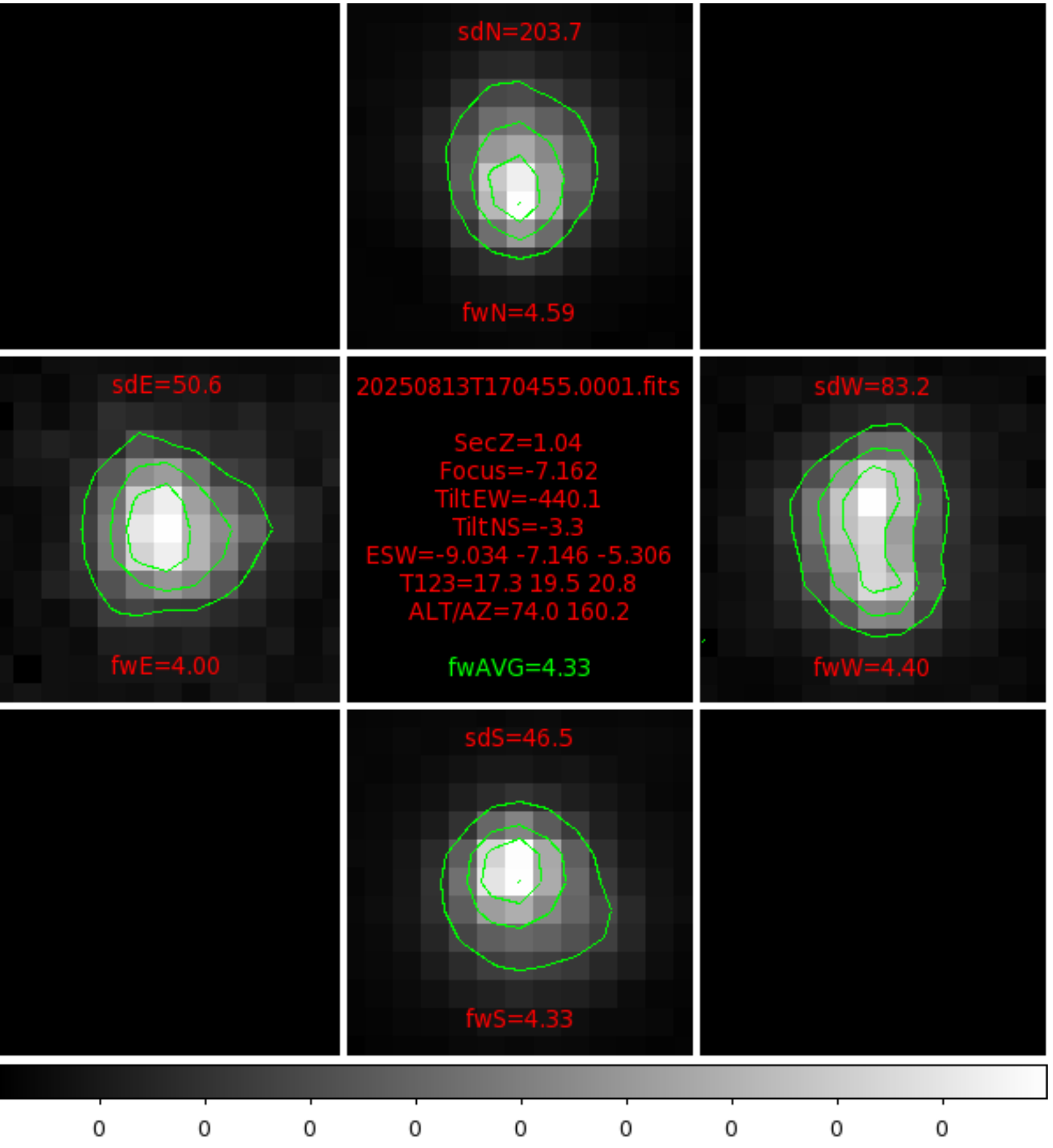

sdN=424.9
fwN=0.00
sdE=394.8
20250813T163944.0001.fits
SecZ=1.01
Focus=-6.218
TiltEW=-440.2
TiltNS=-3.2
ESW=-8.090 -6.202 -4.361
T123=20.6 21.8 23.0
ALT/AZ=82.5 -140.9
sdW=309.4
fwE=0.00
fwW=0.00
sdS=403.7
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=213.4
fwN=0.00
sdE=207.8
20250813T164155.0001.fits
SecZ=1.01
Focus=-6.218
TiltEW=-440.2
TiltNS=-3.2
ESW=-8.090 -6.202 -4.361
T123=20.3 21.4 22.8
ALT/AZ=82.2 -138.0
sdW=164.6
fwE=0.00
fwW=0.00
sdS=203.2
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=153.1
fwN=0.00
sdE=172.5
fwE=0.00
20250813T164323.0001.fits
SecZ=1.01
Focus=-6.218
TiltEW=-440.2
TiltNS=-3.2
ESW=-8.090 -6.202 -4.361
T123=20.1 21.3 22.6
ALT/AZ=82.0 -136.2
sdW=133.8
fwW=0.00
sdS=145.6
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=202.6
fwN=4.43
sdE=261.9
20250813T164502.0001.fits
SecZ=1.01
Focus=-6.218
TiltEW=-440.2
TiltNS=-3.2
ESW=-8.090 -6.202 -4.361
T123=19.8 21.2 22.5
ALT/AZ=81.8 -134.2
sdW=193.5
fwE=0.00
fwW=0.00
sdS=193.0
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=132.9
fwN=5.00
sdE=204.2
fwE=4.95
20250813T164532.0001.fits
SecZ=1.01
Focus=-6.218
TiltEW=-440.2
TiltNS=-3.2
ESW=-8.090 -6.202 -4.361
T123=19.7 21.2 22.5
ALT/AZ=81.7 -133.6
sdW=144.0
fwW=0.00
sdS=128.0
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=203.7
fwN=4.59
sdE=50.6
fwE=4.00
20250813T170455.0001.fits
SecZ=1.04
Focus=-7.162
TiltEW=-440.1
TiltNS=-3.3
ESW=-9.034 -7.146 -5.306
T123=17.3 19.5 20.8
ALT/AZ=74.0 160.2
fwAVG=4.33
sdW=83.2
fwW=4.40
sdS=46.5
fwS=4.33
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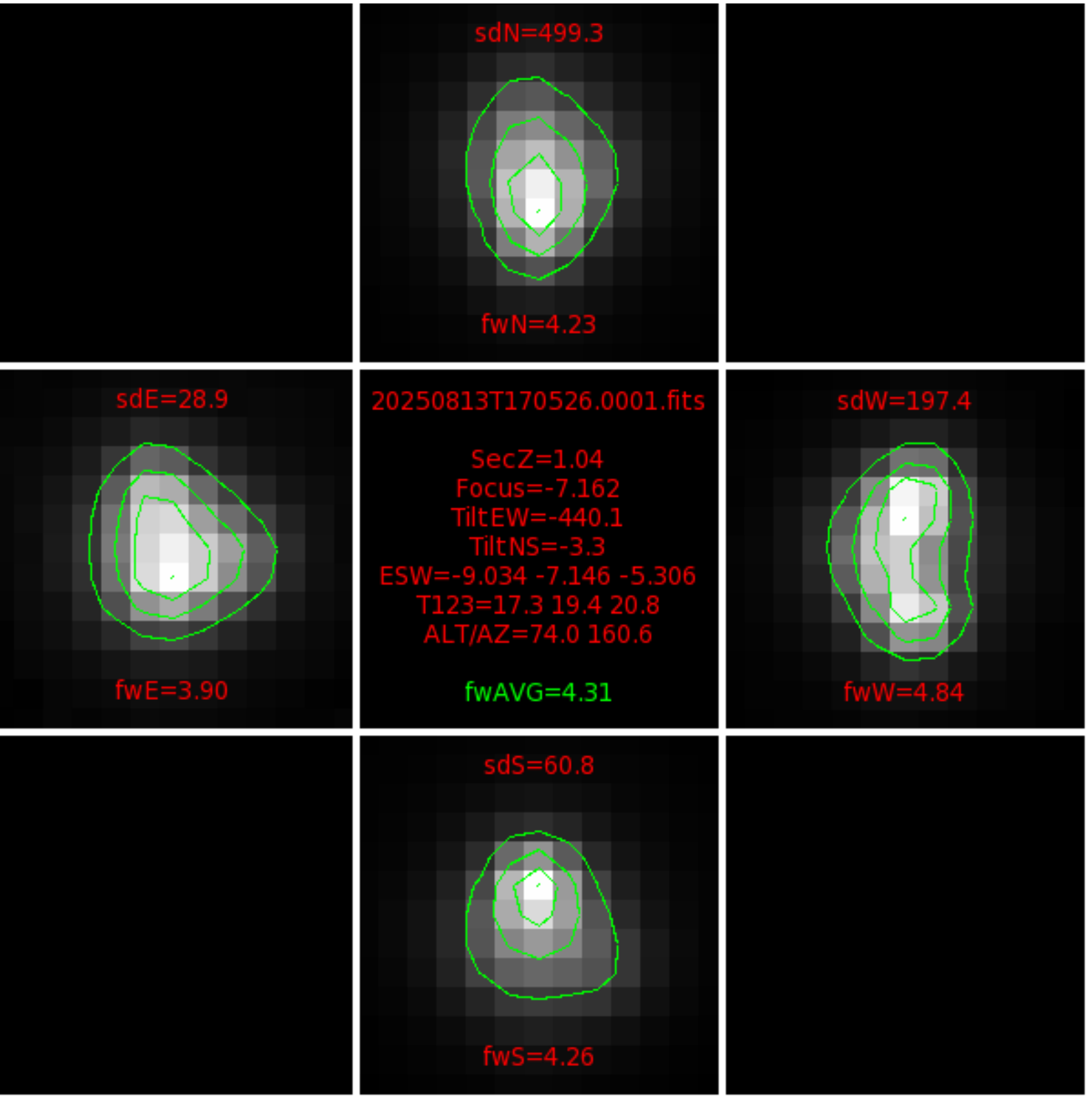
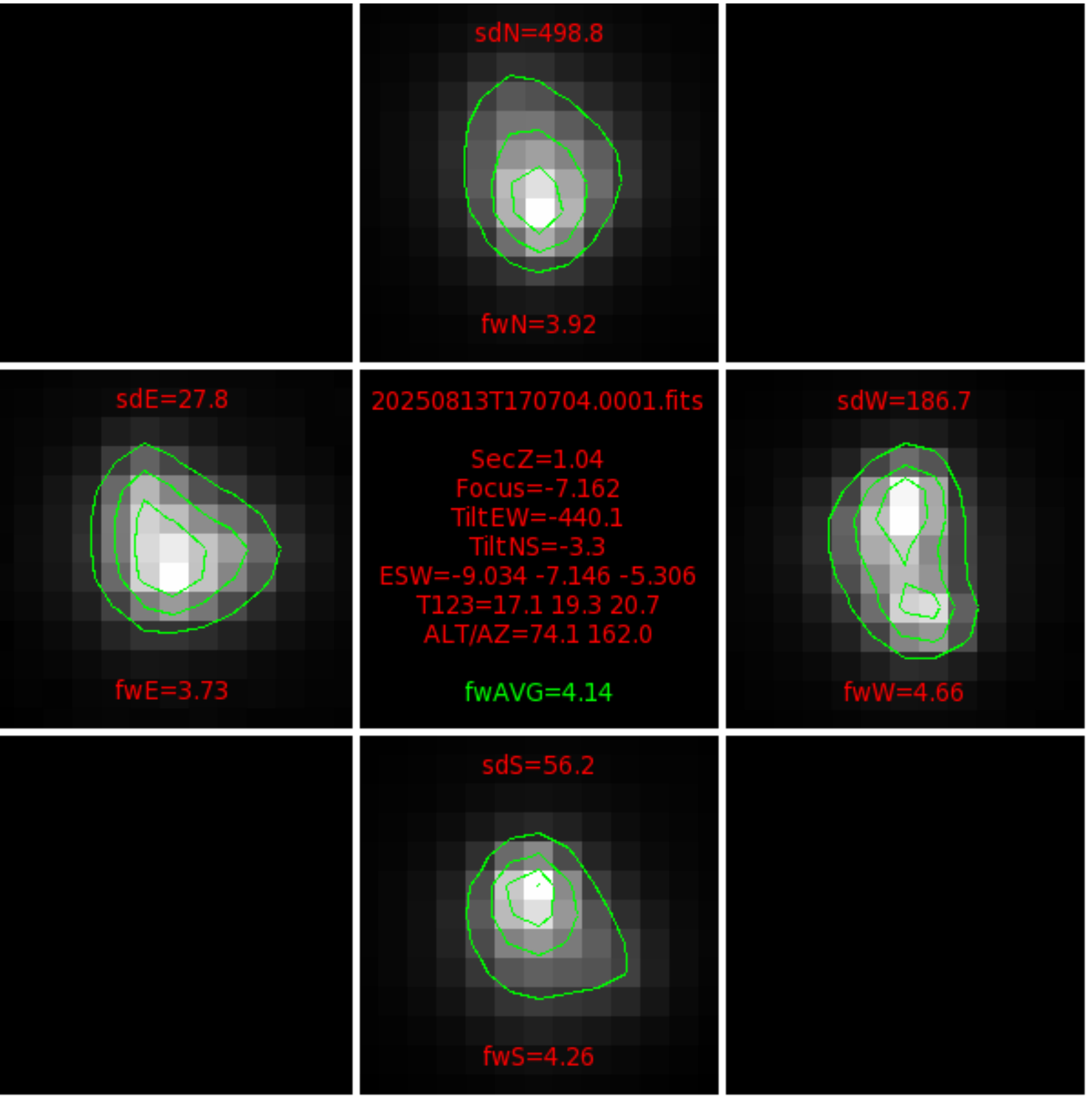

sdN=499.3
fwN=4.23
sdE=28.9
fwE=3.90
20250813T170526.0001.fits
SecZ=1.04
Focus=-7.162
TiltEW=-440.1
TiltNS=-3.3
ESW=-9.034 -7.146 -5.306
T123=17.3 19.4 20.8
ALT/AZ=74.0 160.6
fwAVG=4.31
sdW=197.4
fwW=4.84
sdS=60.8
fwS=4.26
0 0 0 0 0 0 0 0 0


sdN=498.8
fwN=3.92
sdE=27.8
fwE=3.73
20250813T170704.0001.fits
SecZ=1.04
Focus=-7.162
TiltEW=-440.1
TiltNS=-3.3
ESW=-9.034 -7.146 -5.306
T123=17.1 19.3 20.7
ALT/AZ=74.1 162.0
fwAVG=4.14
sdW=186.7
fwW=4.66
sdS=56.2
fwS=4.26
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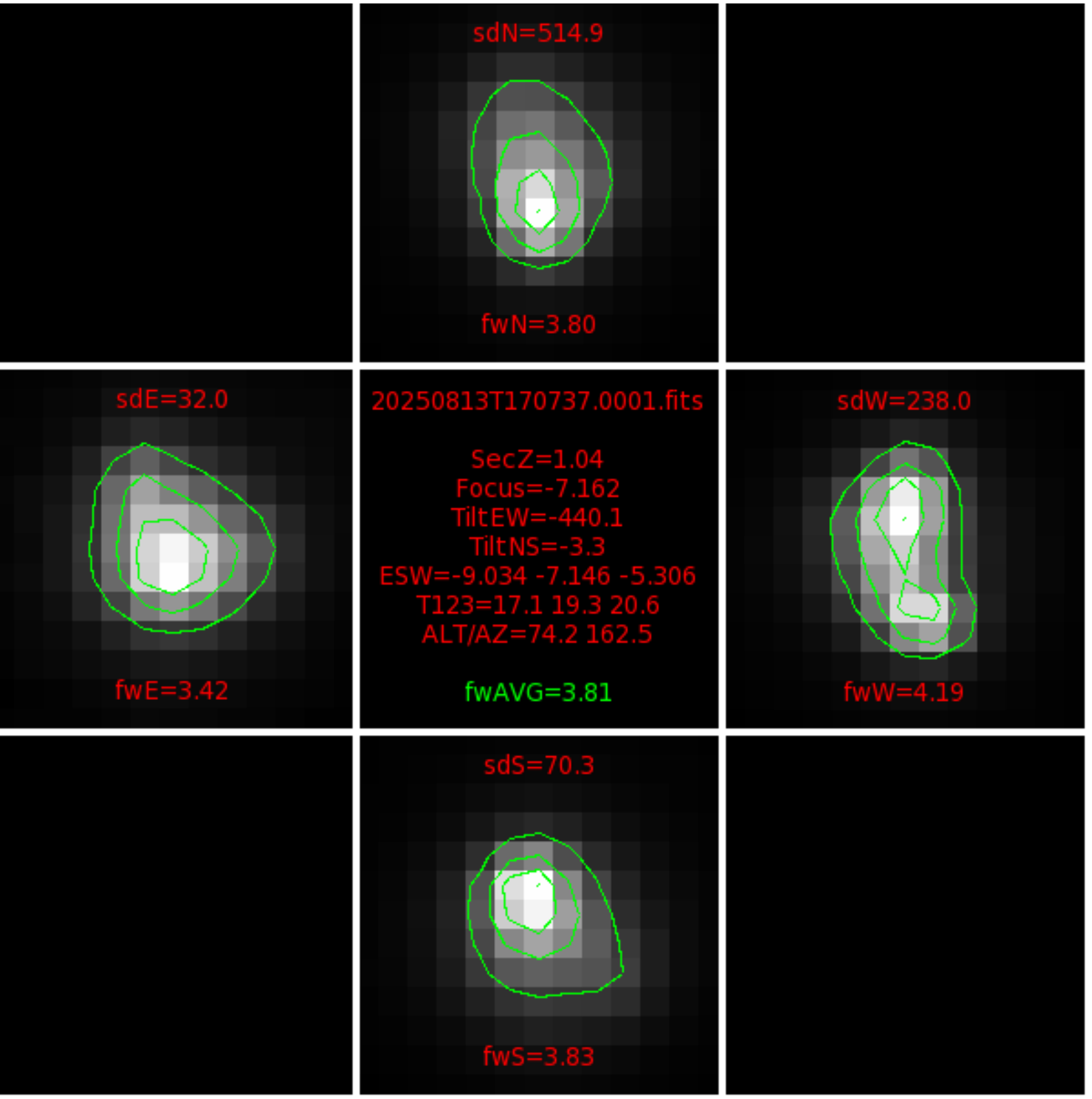
sdN=514.9
fwN=3.80
sdE=32.0
fwE=3.42
20250813T170737.0001.fits
SecZ=1.04
Focus=-7.162
TiltEW=-440.1
TiltNS=-3.3
ESW=-9.034 -7.146 -5.306
T123=17.1 19.3 20.6
ALT/AZ=74.2 162.5
fwAVG=3.81
sdW=238.0
fwW=4.19
sdS=70.3
fwS=3.83
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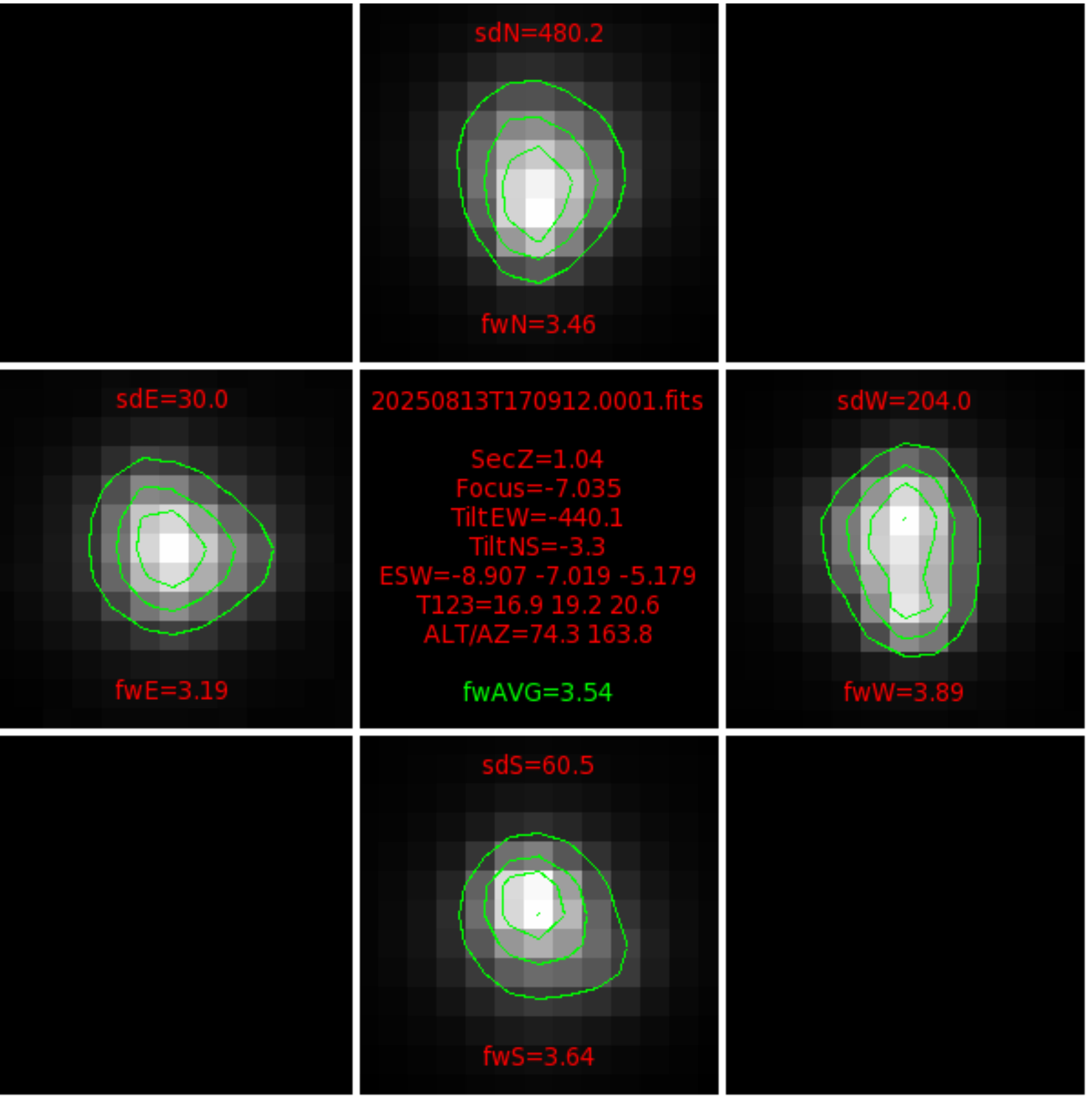
sdN=480.2
fwN=3.46
sdE=30.0
fwE=3.19
20250813T170912.0001.fits
SecZ=1.04
Focus=-7.035
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.907 -7.019 -5.179
T123=16.9 19.2 20.6
ALT/AZ=74.3 163.8
fwAVG=3.54
sdW=204.0
fwW=3.89
sdS=60.5
fwS=3.64
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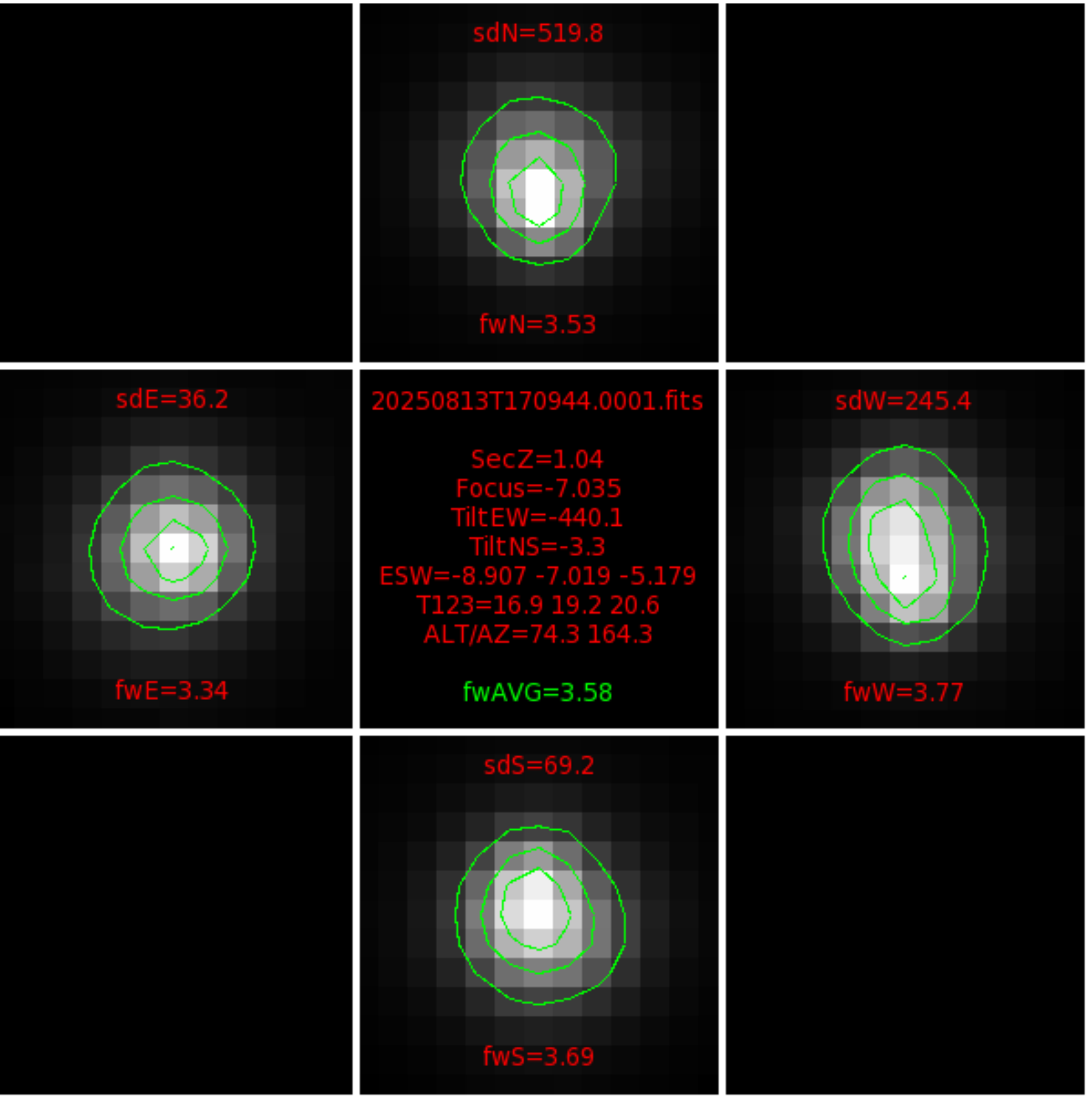
sdN=519.8
fwN=3.53
sdE=36.2
fwE=3.34
20250813T170944.0001.fits
SecZ=1.04
Focus=-7.035
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.907 -7.019 -5.179
T123=16.9 19.2 20.6
ALT/AZ=74.3 164.3
fwAVG=3.58
sdW=245.4
fwW=3.77
sdS=69.2
fwS=3.69
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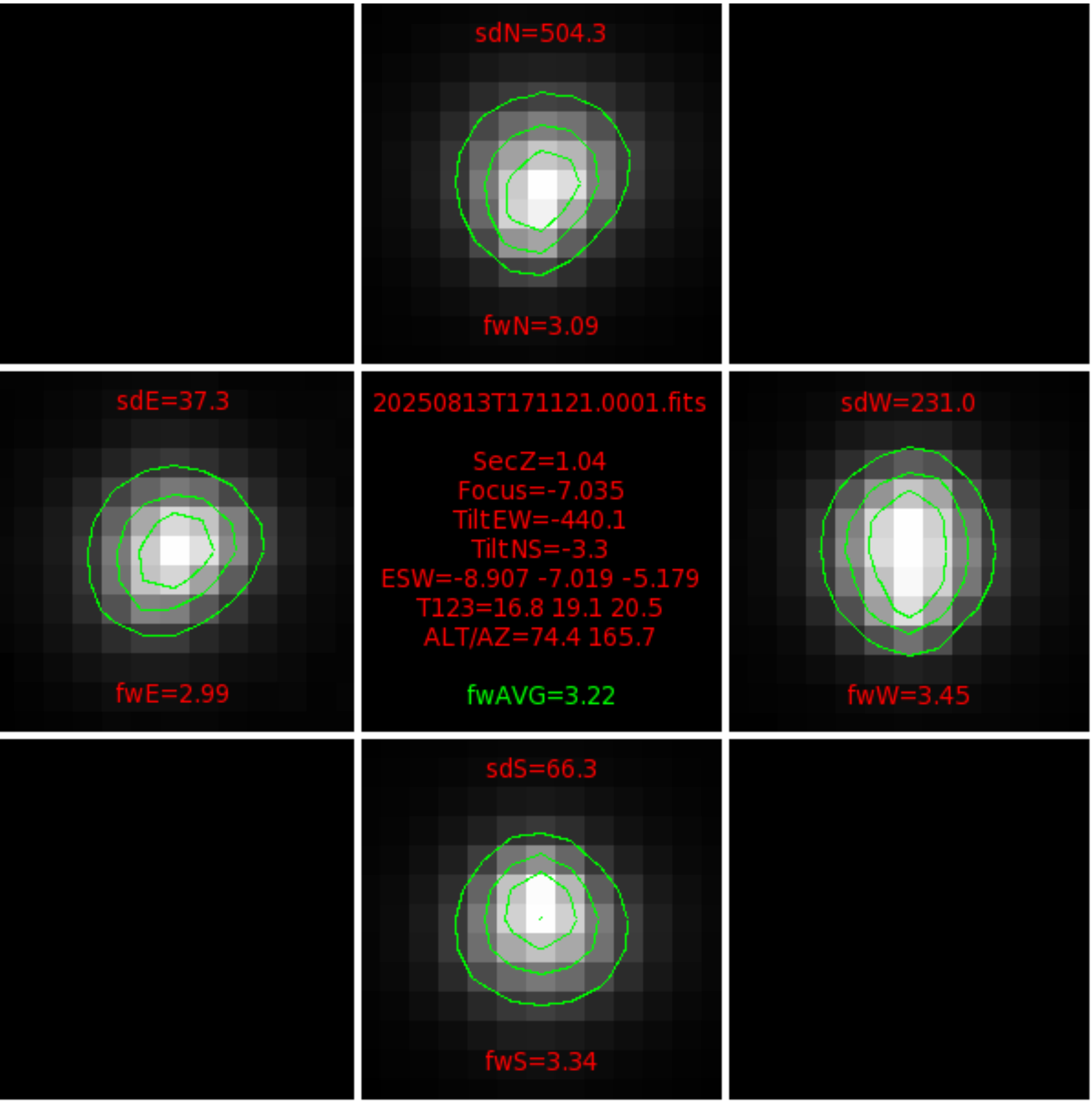
sdN=504.3
fwN=3.09
sdE=37.3
fwE=2.99
20250813T171121.0001.fits
SecZ=1.04
Focus=-7.035
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.907 -7.019 -5.179
T123=16.8 19.1 20.5
ALT/AZ=74.4 165.7
fwAVG=3.22
sdW=231.0
fwW=3.45
sdS=66.3
fwS=3.34
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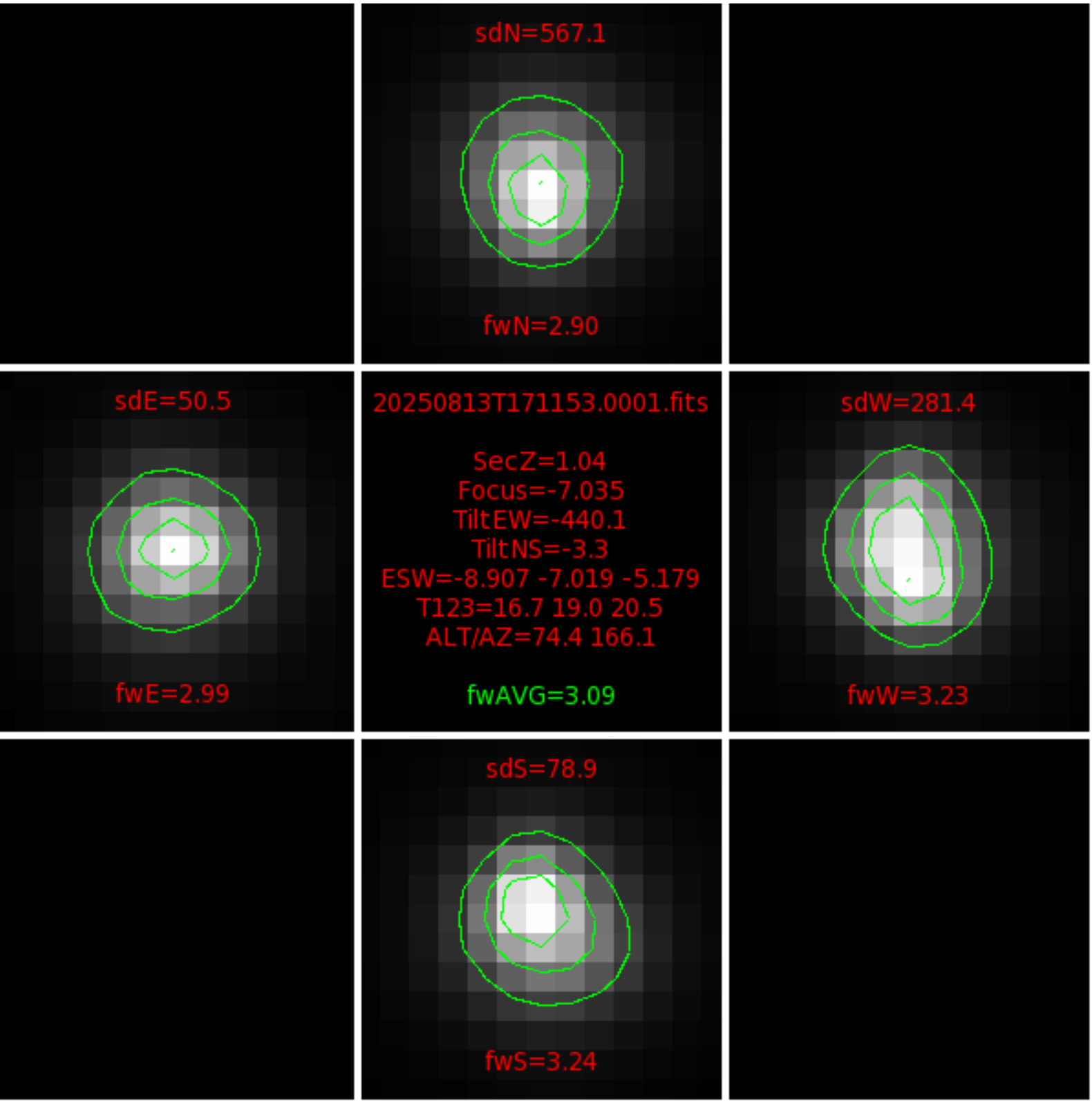
sdN=567.1
fwN=2.90
sdE=50.5
fwE=2.99
20250813T171153.0001.fits
SecZ=1.04
Focus=-7.035
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.907 -7.019 -5.179
T123=16.7 19.0 20.5
ALT/AZ=74.4 166.1
fwAVG=3.09
sdW=281.4
fwW=3.23
sdS=78.9
fwS=3.24
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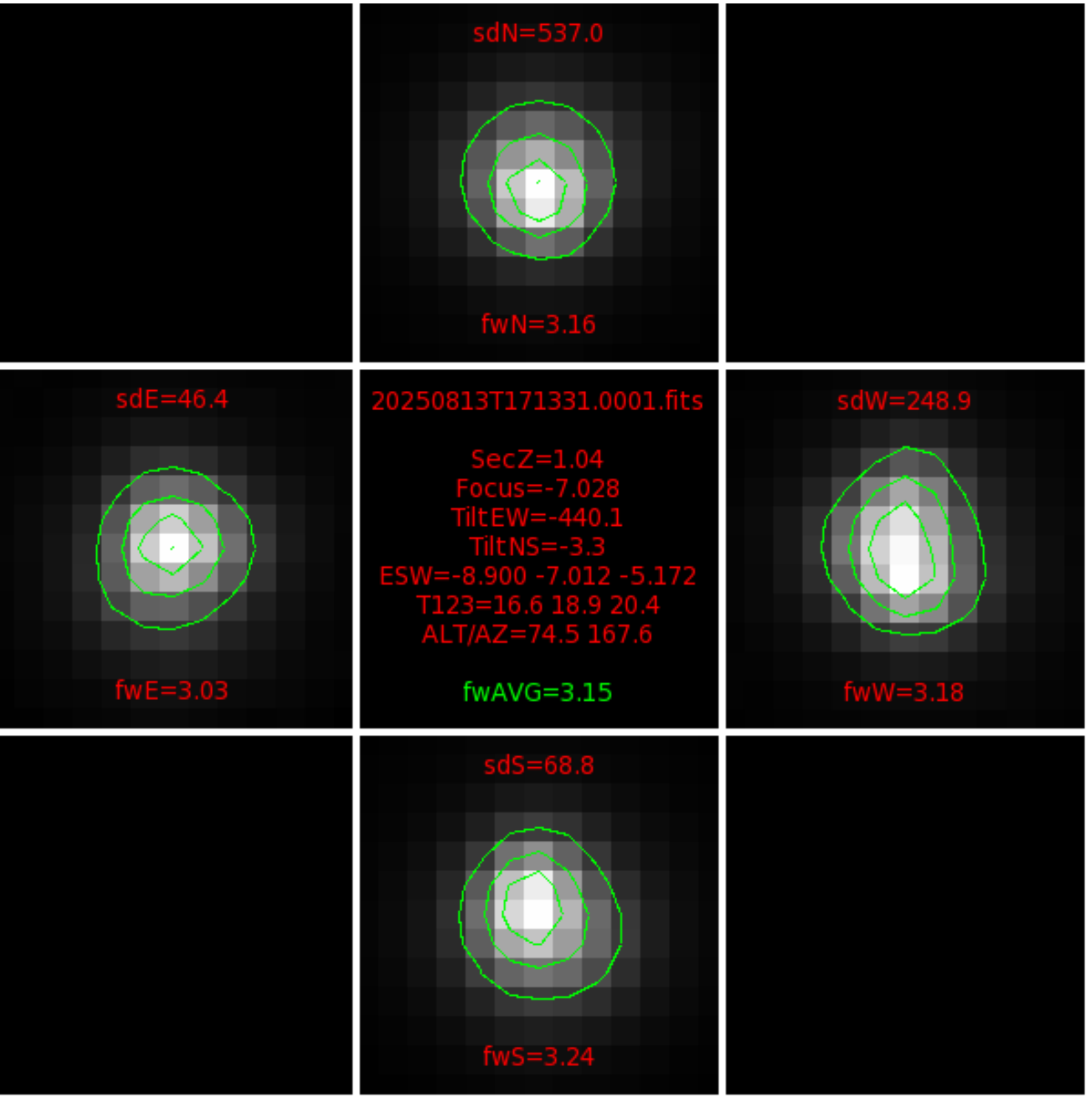
sdN=537.0
fwN=3.16
sdE=46.4
fwE=3.03
20250813T171331.0001.fits
SecZ=1.04
Focus=-7.028
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.900 -7.012 -5.172
T123=16.6 18.9 20.4
ALT/AZ=74.5 167.6
fwAVG=3.15
sdW=248.9
fwW=3.18
sdS=68.8
fwS=3.24
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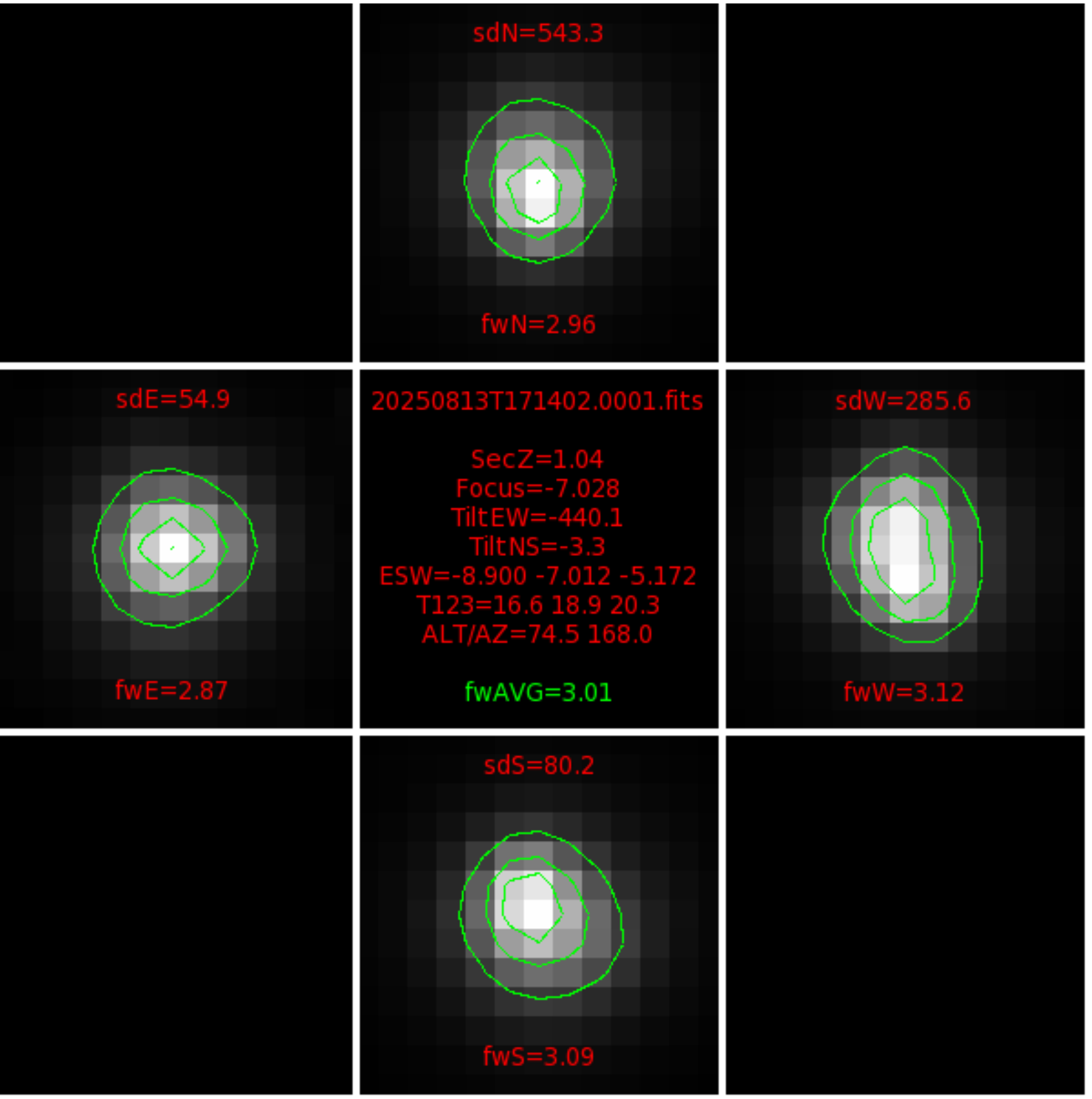
sdN=543.3
fwN=2.96
sdE=54.9
fwE=2.87
20250813T171402.0001.fits
SecZ=1.04
Focus=-7.028
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.900 -7.012 -5.172
T123=16.6 18.9 20.3
ALT/AZ=74.5 168.0
fwAVG=3.01
sdW=285.6
fwW=3.12
sdS=80.2
fwS=3.09
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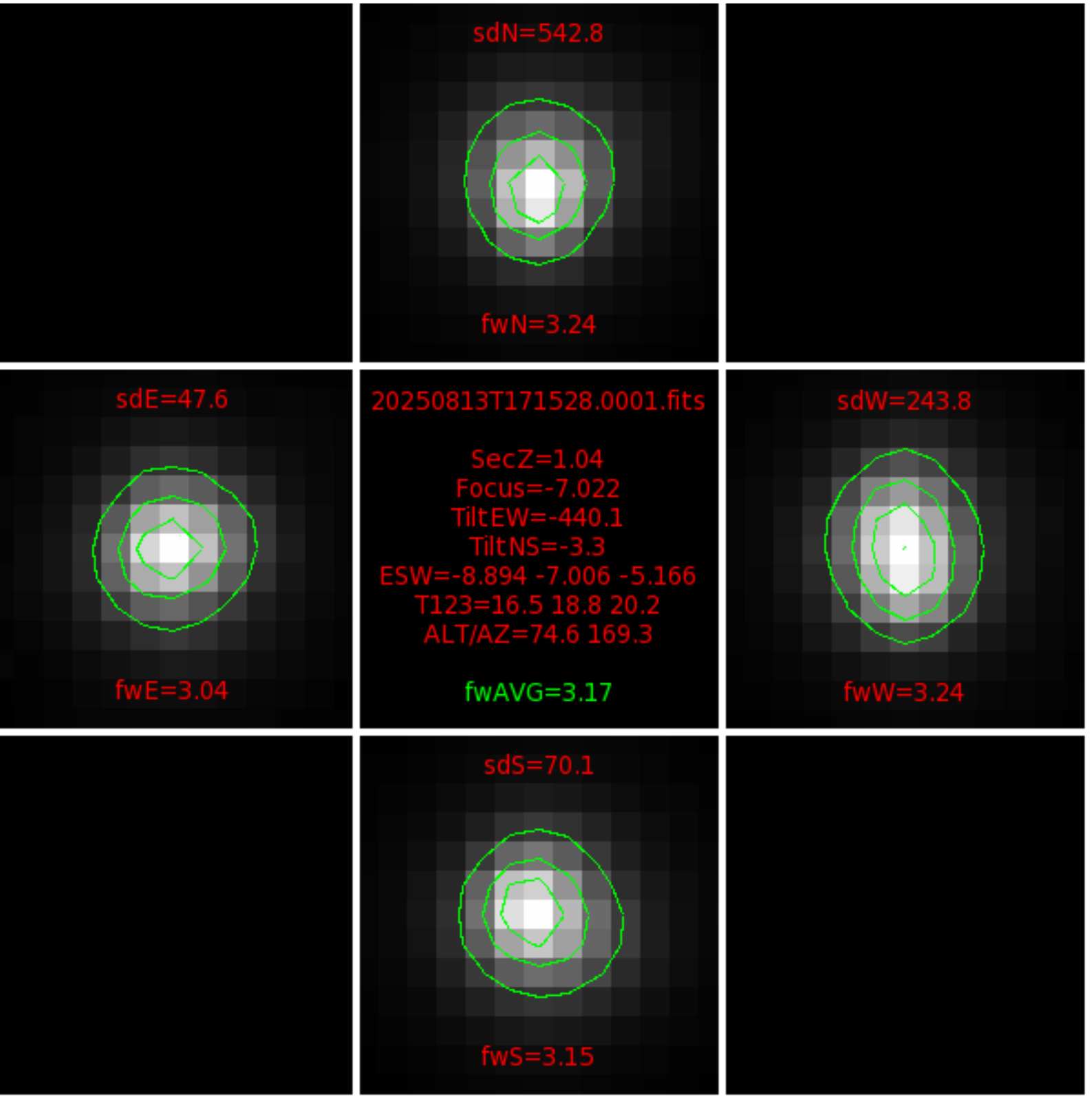
sdN=542.8
fwN=3.24
sdE=47.6
fwE=3.04
20250813T171528.0001.fits
SecZ=1.04
Focus=-7.022
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.894 -7.006 -5.166
T123=16.5 18.8 20.2
ALT/AZ=74.6 169.3
fwAVG=3.17
sdW=243.8
fwW=3.24
sdS=70.1
fwS=3.15
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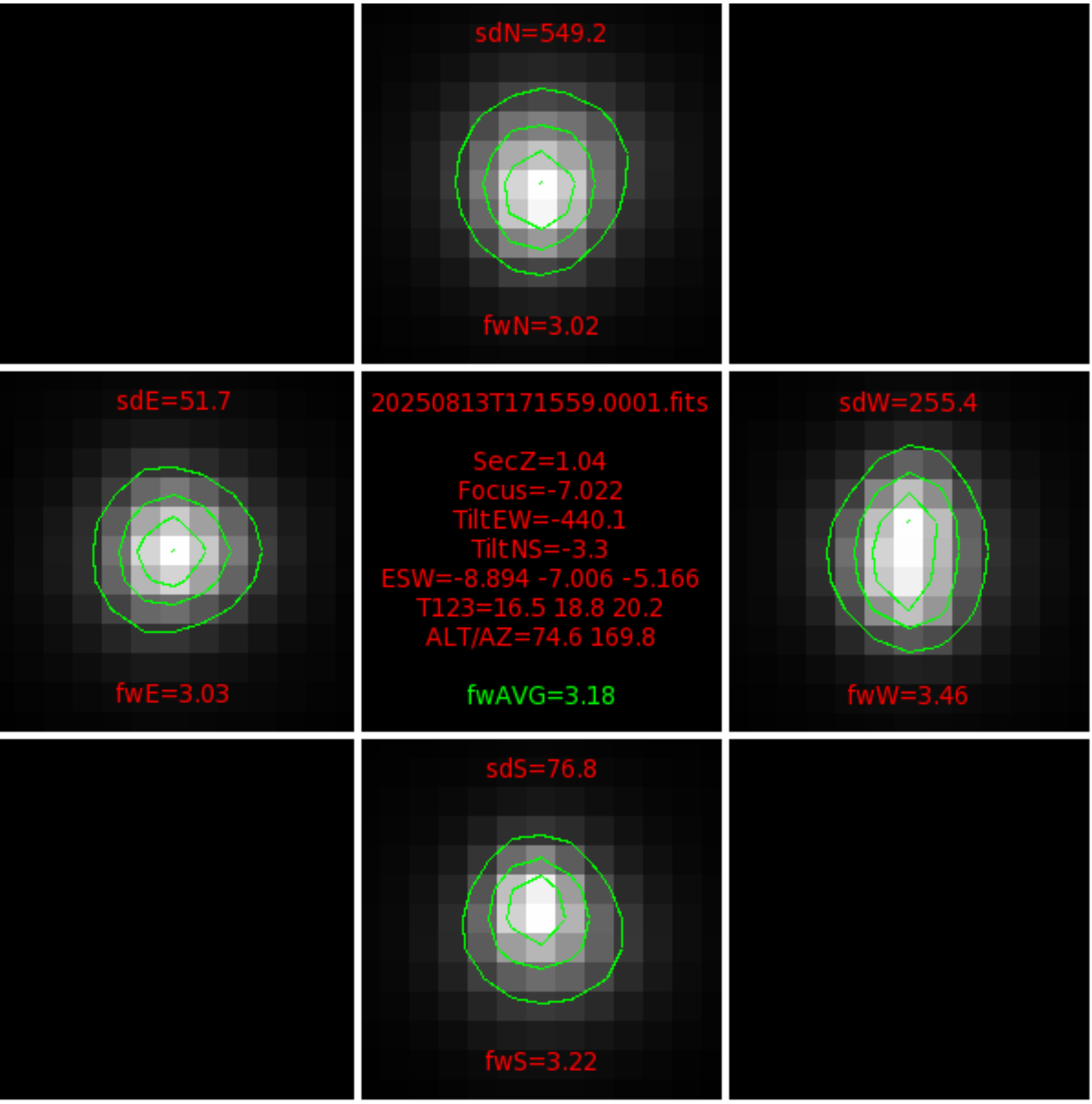
sdN=549.2
fwN=3.02
sdE=51.7
fwE=3.03
20250813T171559.0001.fits
SecZ=1.04
Focus=-7.022
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.894 -7.006 -5.166
T123=16.5 18.8 20.2
ALT/AZ=74.6 169.8
fwAVG=3.18
sdW=255.4
fwW=3.46
sdS=76.8
fwS=3.22
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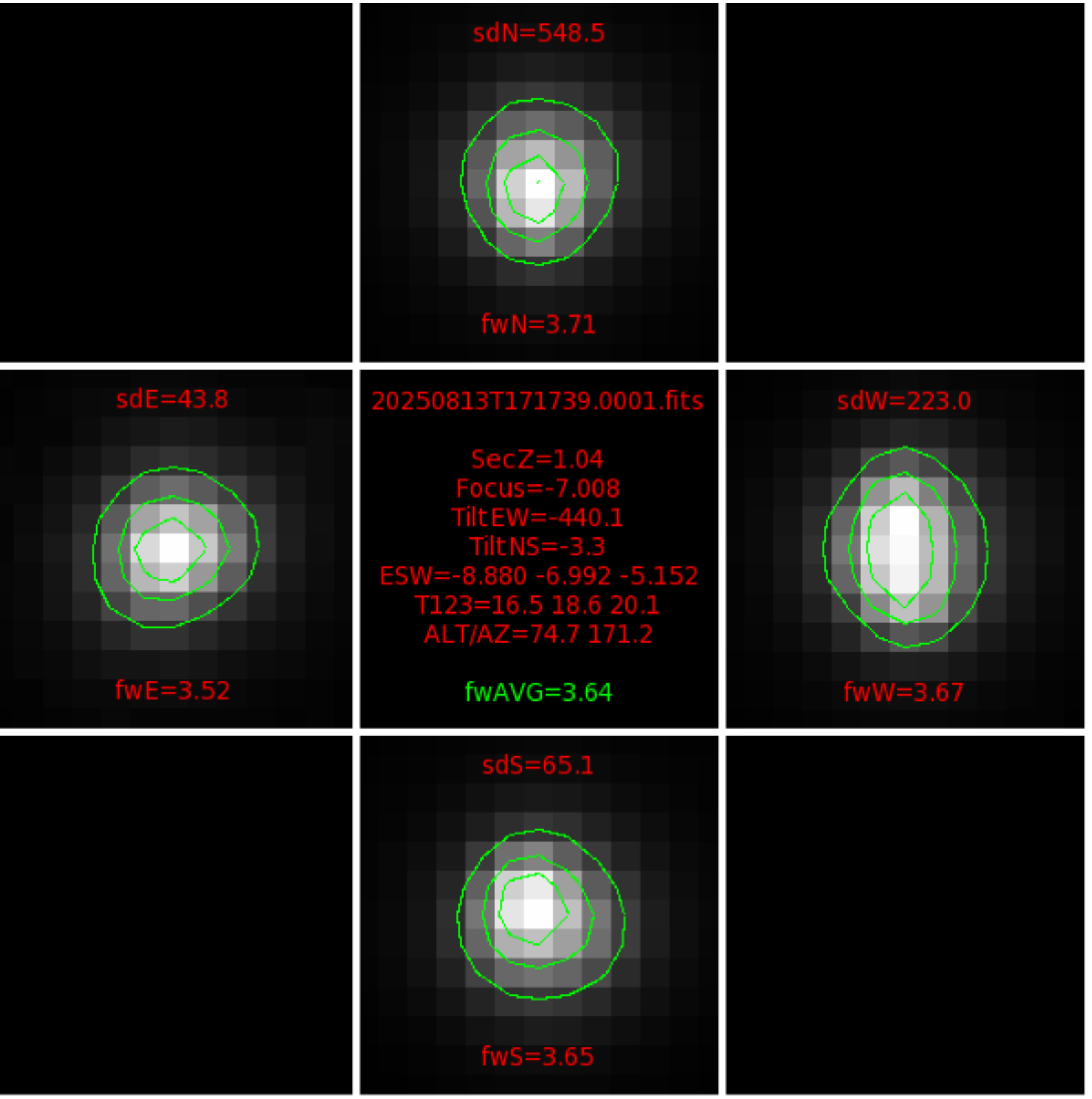
sdN=548.5
fwN=3.71
sdE=43.8
fwE=3.52
20250813T171739.0001.fits
SecZ=1.04
Focus=-7.008
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.880 -6.992 -5.152
T123=16.5 18.6 20.1
ALT/AZ=74.7 171.2
fwAVG=3.64
sdW=223.0
fwW=3.67
sdS=65.1
fwS=3.65
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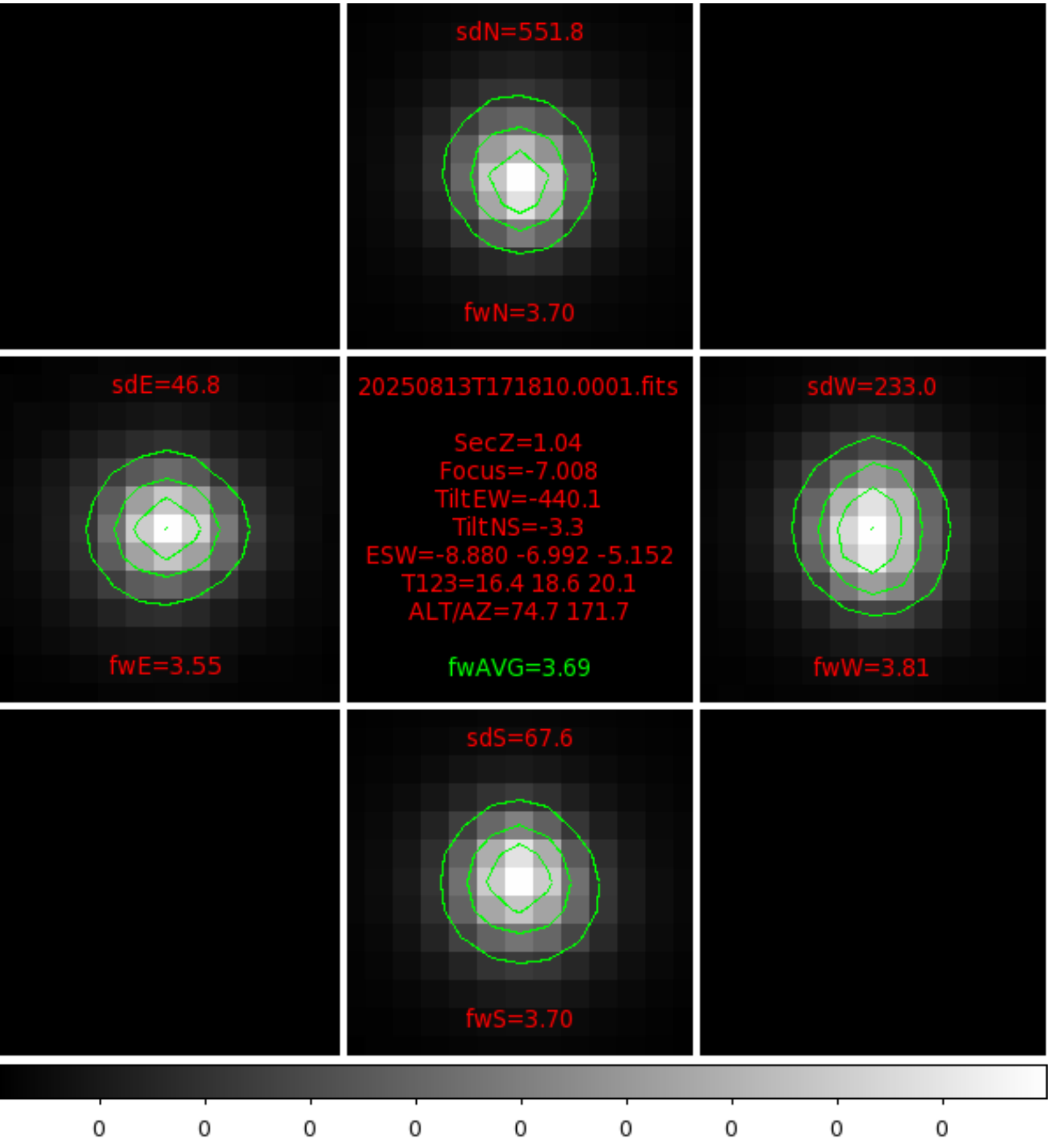
sdN=551.8
fwN=3.70
sdE=46.8
fwE=3.55
20250813T171810.0001.fits
SecZ=1.04
Focus=-7.008
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.880 -6.992 -5.152
T123=16.4 18.6 20.1
ALT/AZ=74.7 171.7
fwAVG=3.69
sdW=233.0
fwW=3.81
sdS=67.6
fwS=3.70
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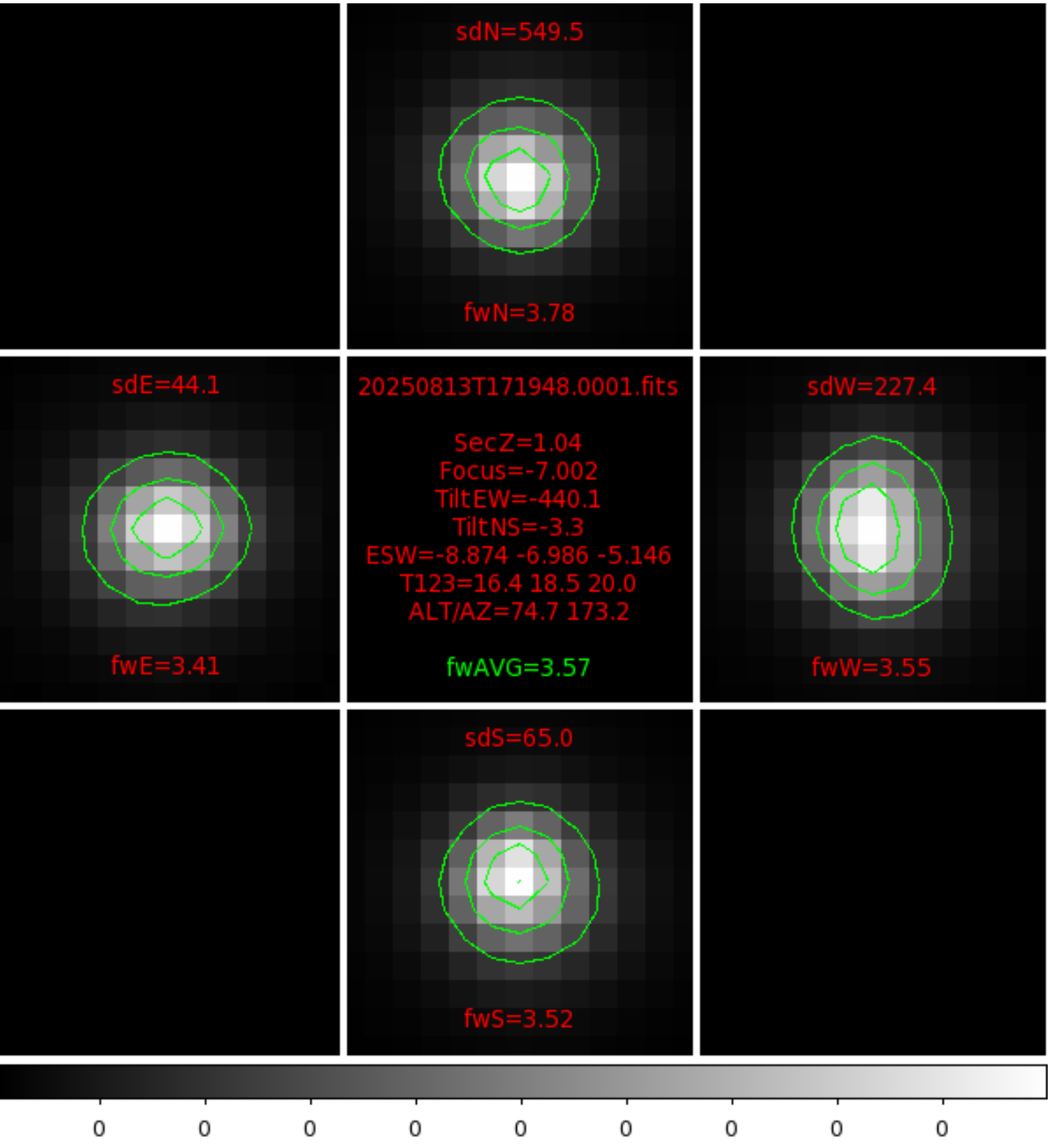
sdN=549.5
fwN=3.78
sdE=44.1
fwE=3.41
20250813T171948.0001.fits
SecZ=1.04
Focus=-7.002
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.874 -6.986 -5.146
T123=16.4 18.5 20.0
ALT/AZ=74.7 173.2
fwAVG=3.57
sdW=227.4
fwW=3.55
sdS=65.0
fwS=3.52
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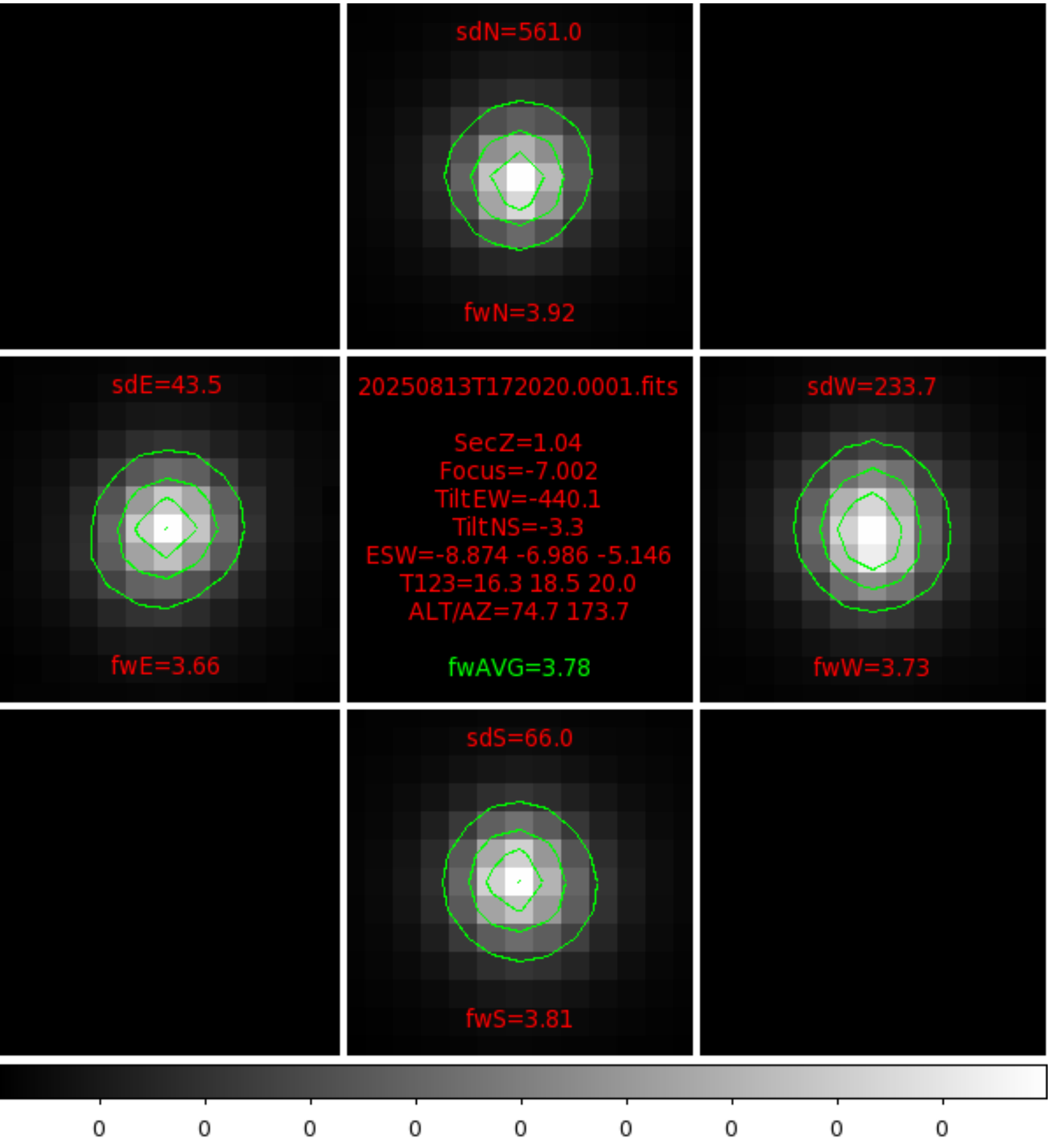
sdN=561.0
fwN=3.92
sdE=43.5
fwE=3.66
20250813T172020.0001.fits
SecZ=1.04
Focus=-7.002
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.874 -6.986 -5.146
T123=16.3 18.5 20.0
ALT/AZ=74.7 173.7
fwAVG=3.78
sdW=233.7
fwW=3.73
sdS=66.0
fwS=3.81
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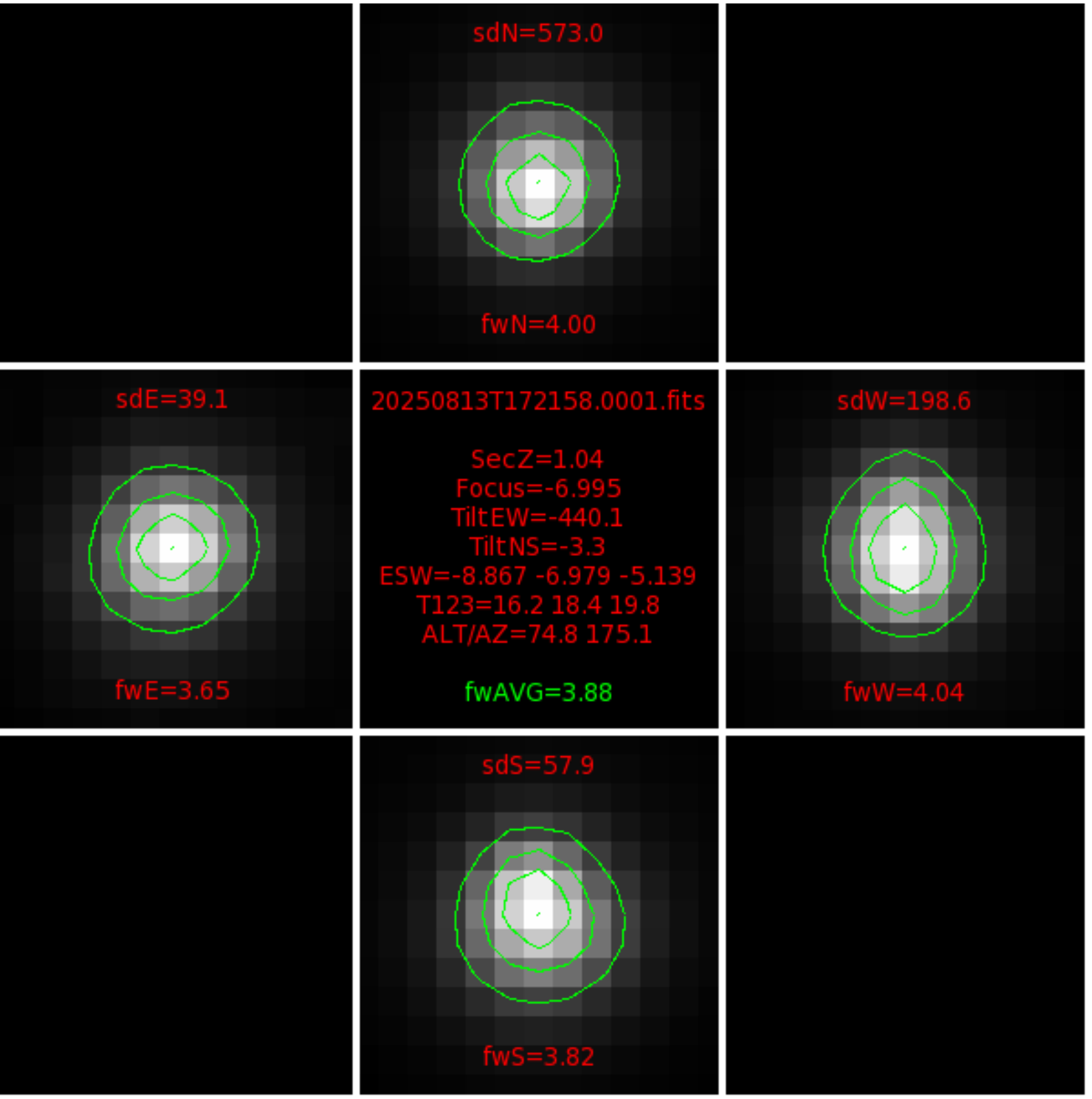
sdN=573.0
fwN=4.00
sdE=39.1
fwE=3.65
20250813T172158.0001.fits
SecZ=1.04
Focus=-6.995
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.867 -6.979 -5.139
T123=16.2 18.4 19.8
ALT/AZ=74.8 175.1
fwAVG=3.88
sdW=198.6
fwW=4.04
sdS=57.9
fwS=3.82
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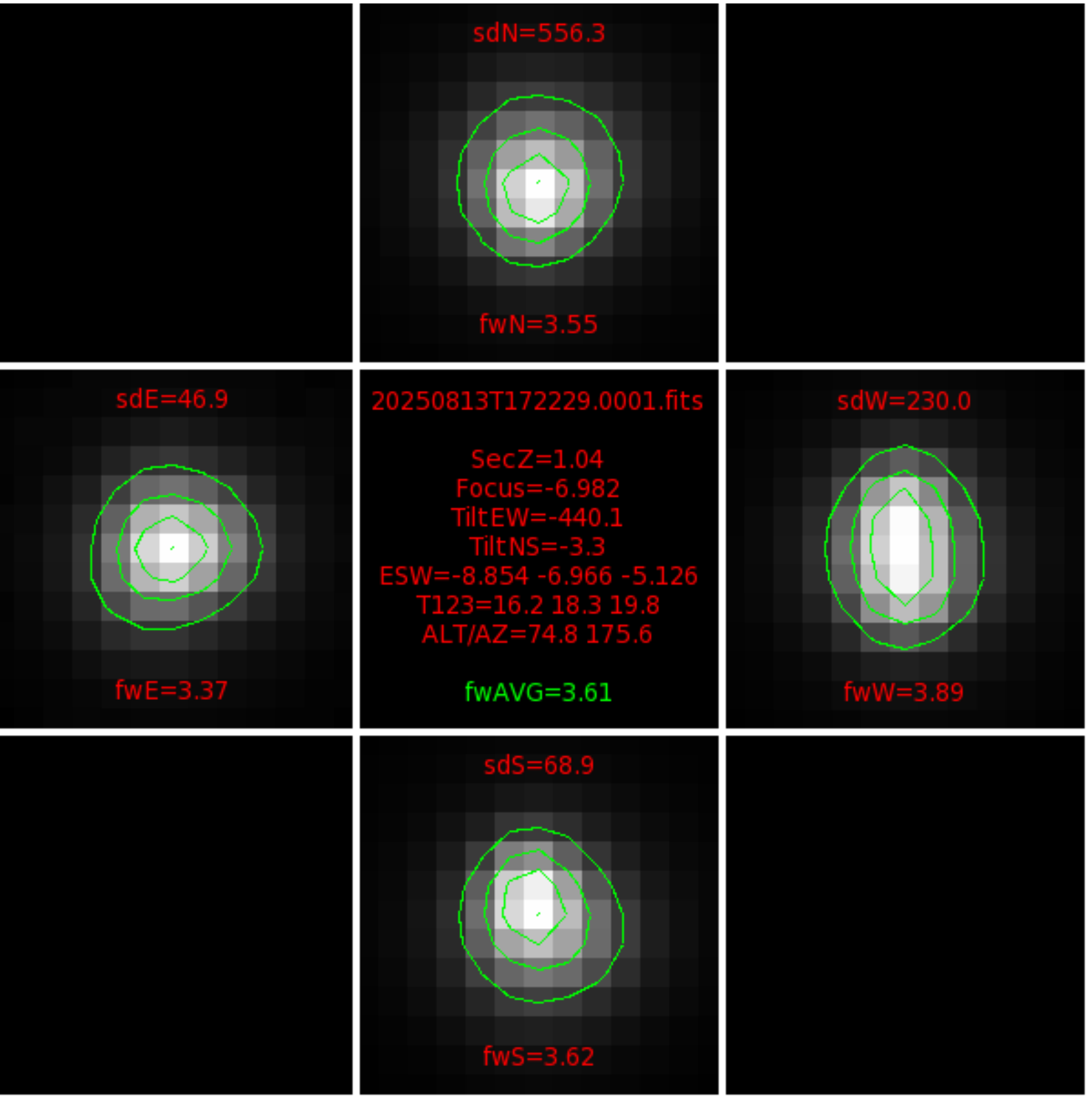
sdN=556.3
fwN=3.55
sdE=46.9
fwE=3.37
20250813T172229.0001.fits
SecZ=1.04
Focus=-6.982
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.854 -6.966 -5.126
T123=16.2 18.3 19.8
ALT/AZ=74.8 175.6
fwAVG=3.61
sdW=230.0
fwW=3.89
sdS=68.9
fwS=3.62
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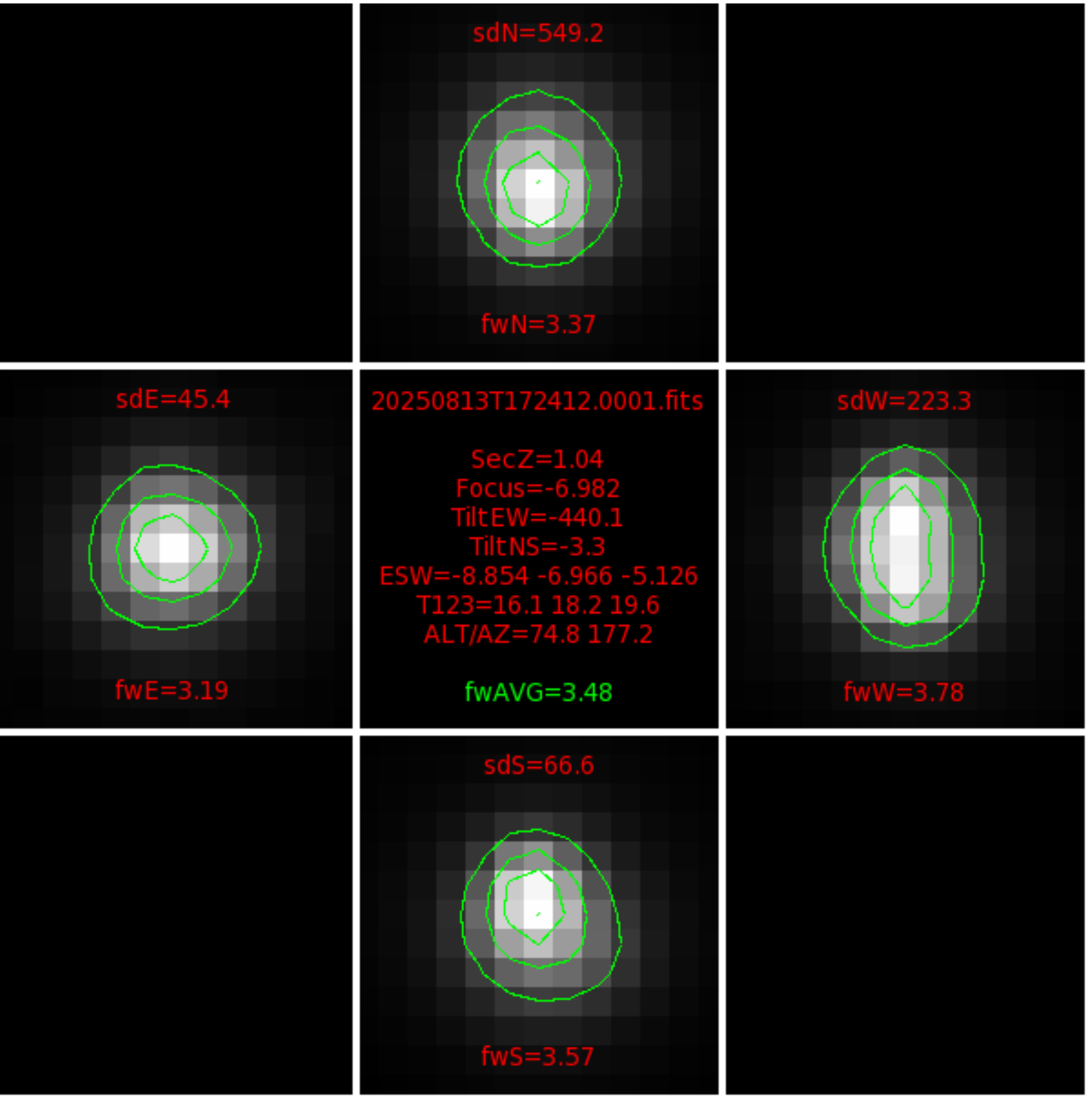
sdN=549.2
fwN=3.37
sdE=45.4
fwE=3.19
20250813T172412.0001.fits
SecZ=1.04
Focus=-6.982
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.854 -6.966 -5.126
T123=16.1 18.2 19.6
ALT/AZ=74.8 177.2
fwAVG=3.48
sdW=223.3
fwW=3.78
sdS=66.6
fwS=3.57
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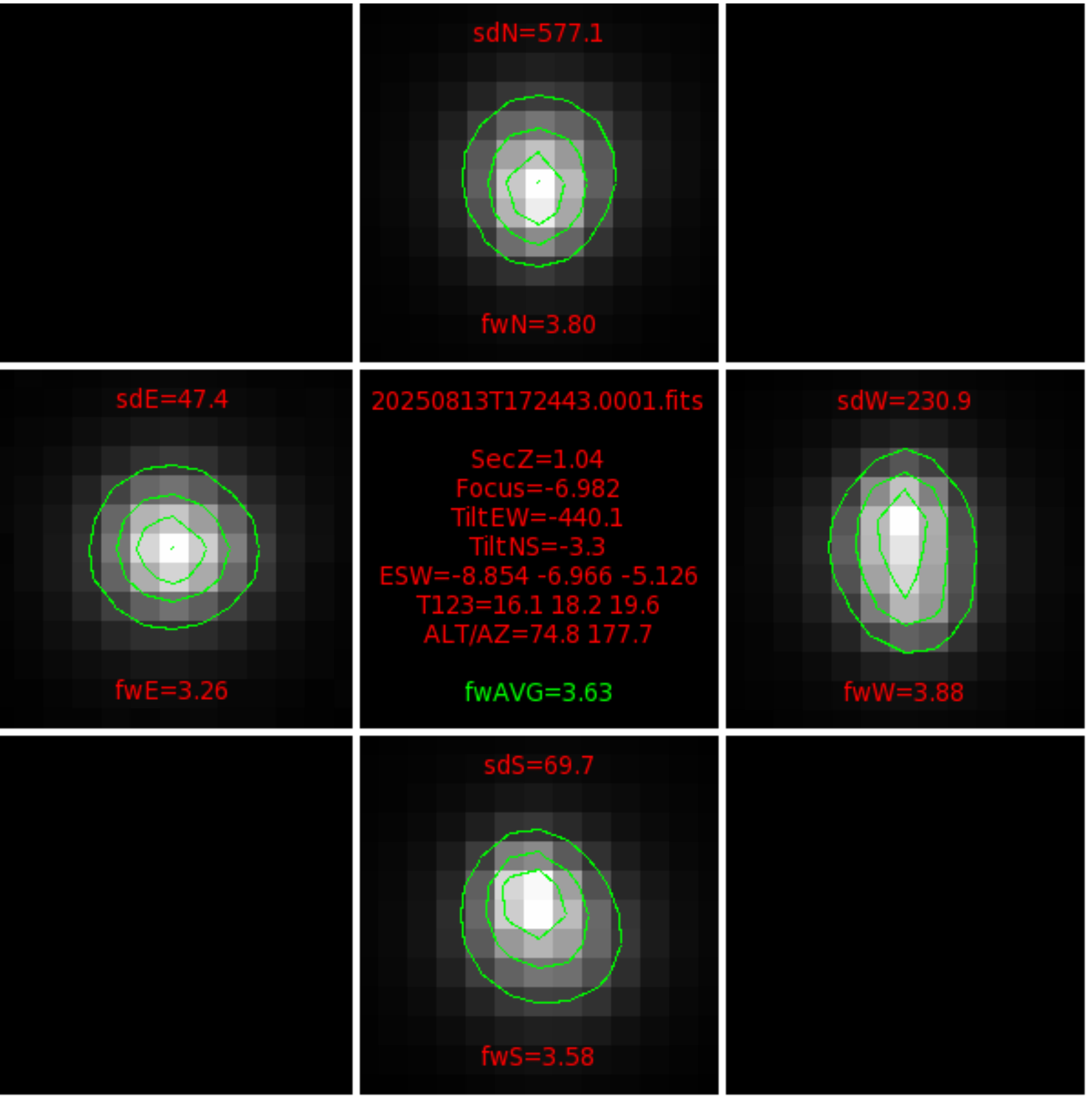
sdN=577.1
fwN=3.80
sdE=47.4
fwE=3.26
20250813T172443.0001.fits
SecZ=1.04
Focus=-6.982
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.854 -6.966 -5.126
T123=16.1 18.2 19.6
ALT/AZ=74.8 177.7
fwAVG=3.63
sdW=230.9
fwW=3.88
sdS=69.7
fwS=3.58
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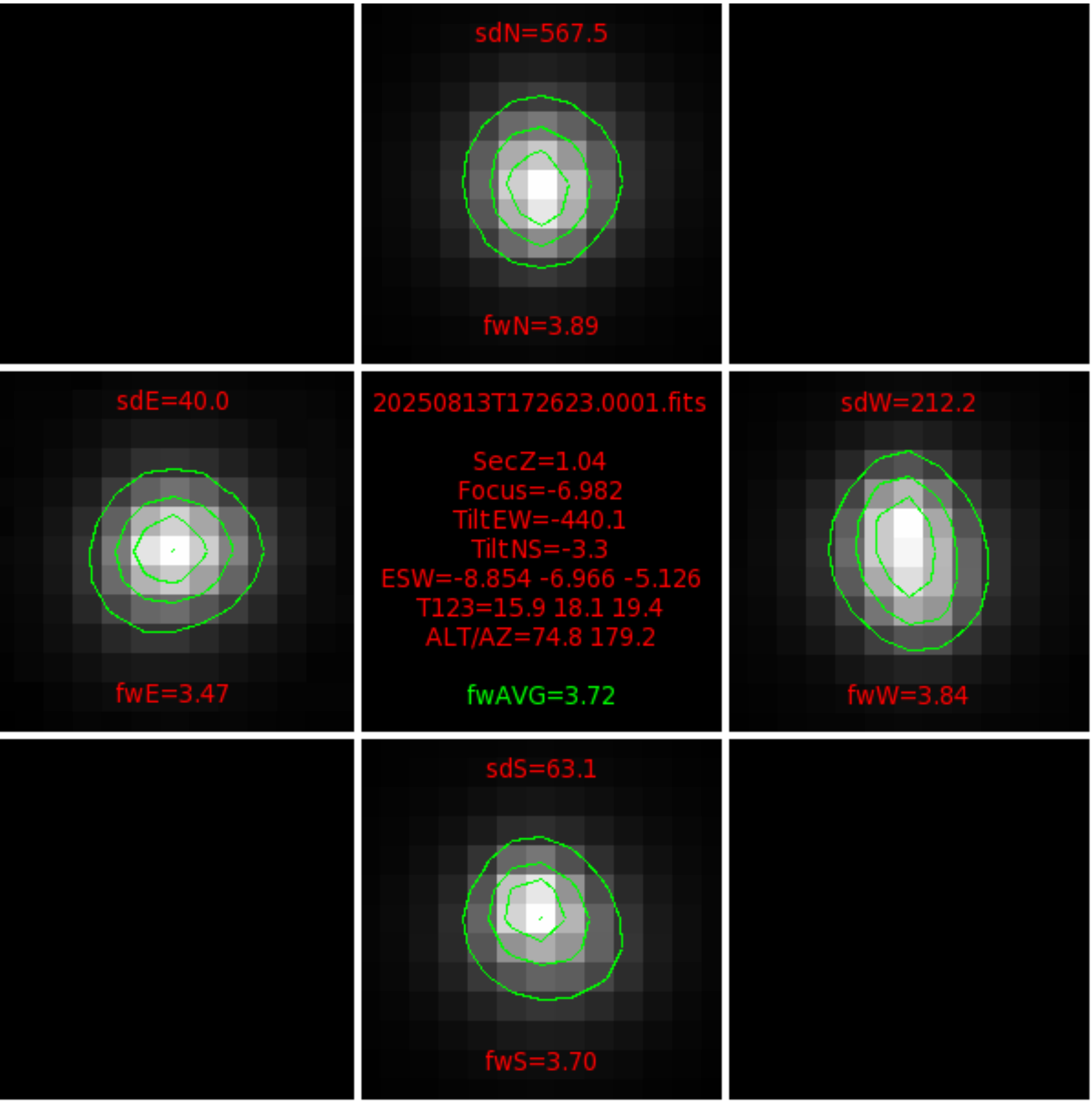
sdN=567.5
fwN=3.89
sdE=40.0
fwE=3.47
20250813T172623.0001.fits
SecZ=1.04
Focus=-6.982
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.854 -6.966 -5.126
T123=15.9 18.1 19.4
ALT/AZ=74.8 179.2
fwAVG=3.72
sdW=212.2
fwW=3.84
sdS=63.1
fwS=3.70
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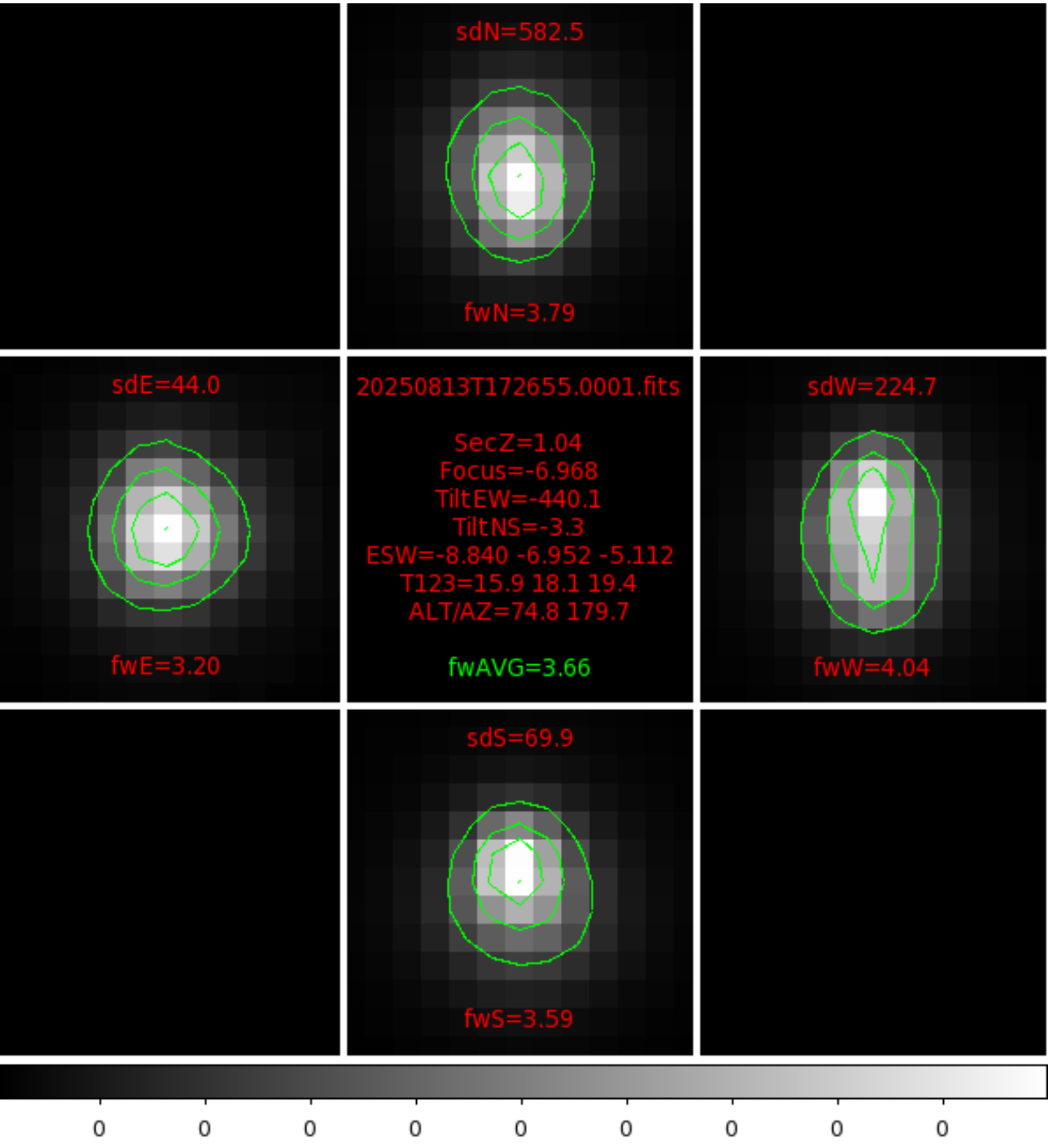
sdN=582.5
fwN=3.79
sdE=44.0
fwE=3.20
20250813T172655.0001.fits
SecZ=1.04
Focus=-6.968
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.840 -6.952 -5.112
T123=15.9 18.1 19.4
ALT/AZ=74.8 179.7
fwAVG=3.66
sdW=224.7
fwW=4.04
sdS=69.9
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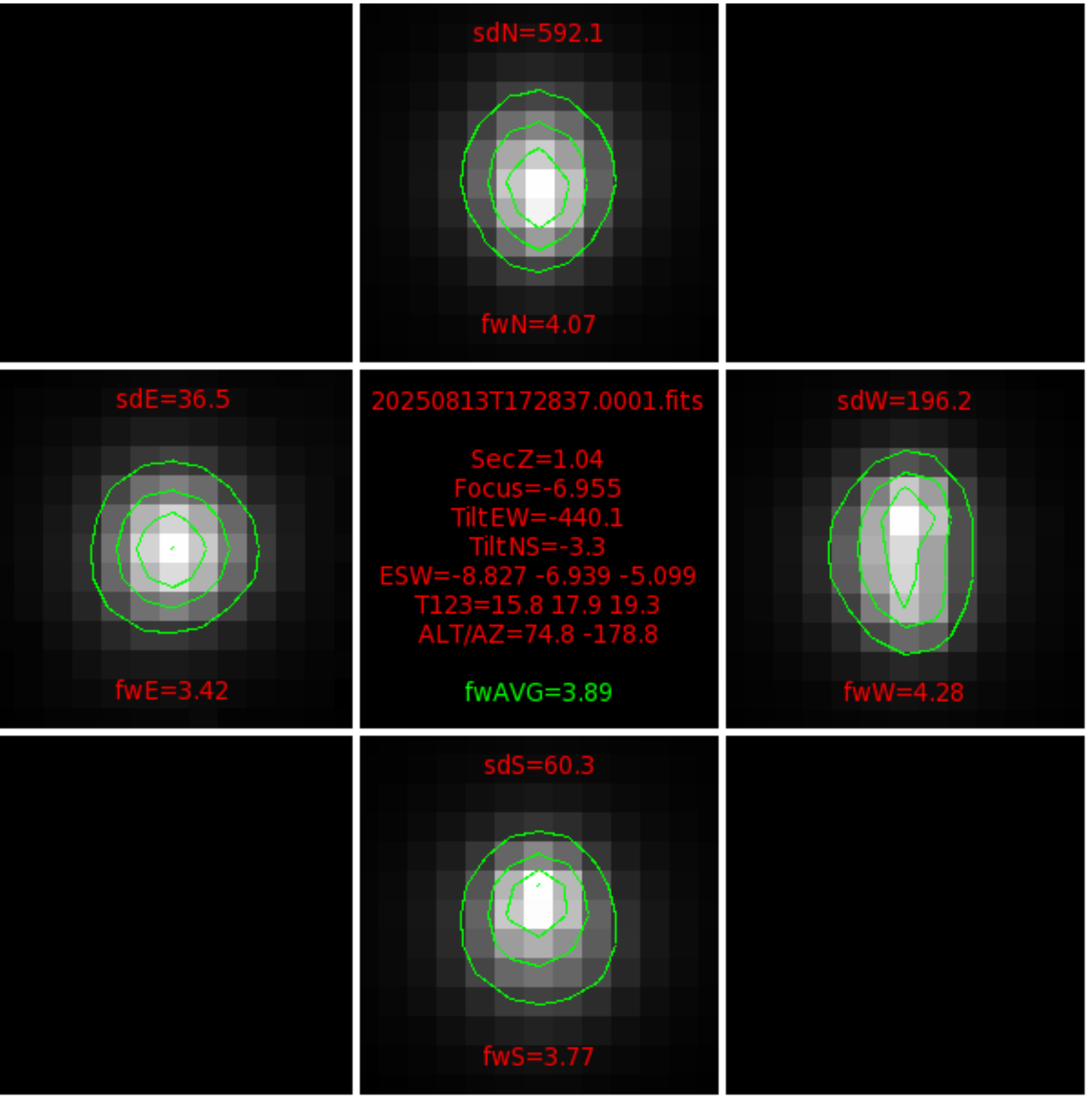
sdN=592.1
fwN=4.07
sdE=36.5
fwE=3.42
20250813T172837.0001.fits
SecZ=1.04
Focus=-6.955
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.827 -6.939 -5.099
T123=15.8 17.9 19.3
ALT/AZ=74.8 -178.8
fwAVG=3.89
sdW=196.2
fwW=4.28
sdS=60.3
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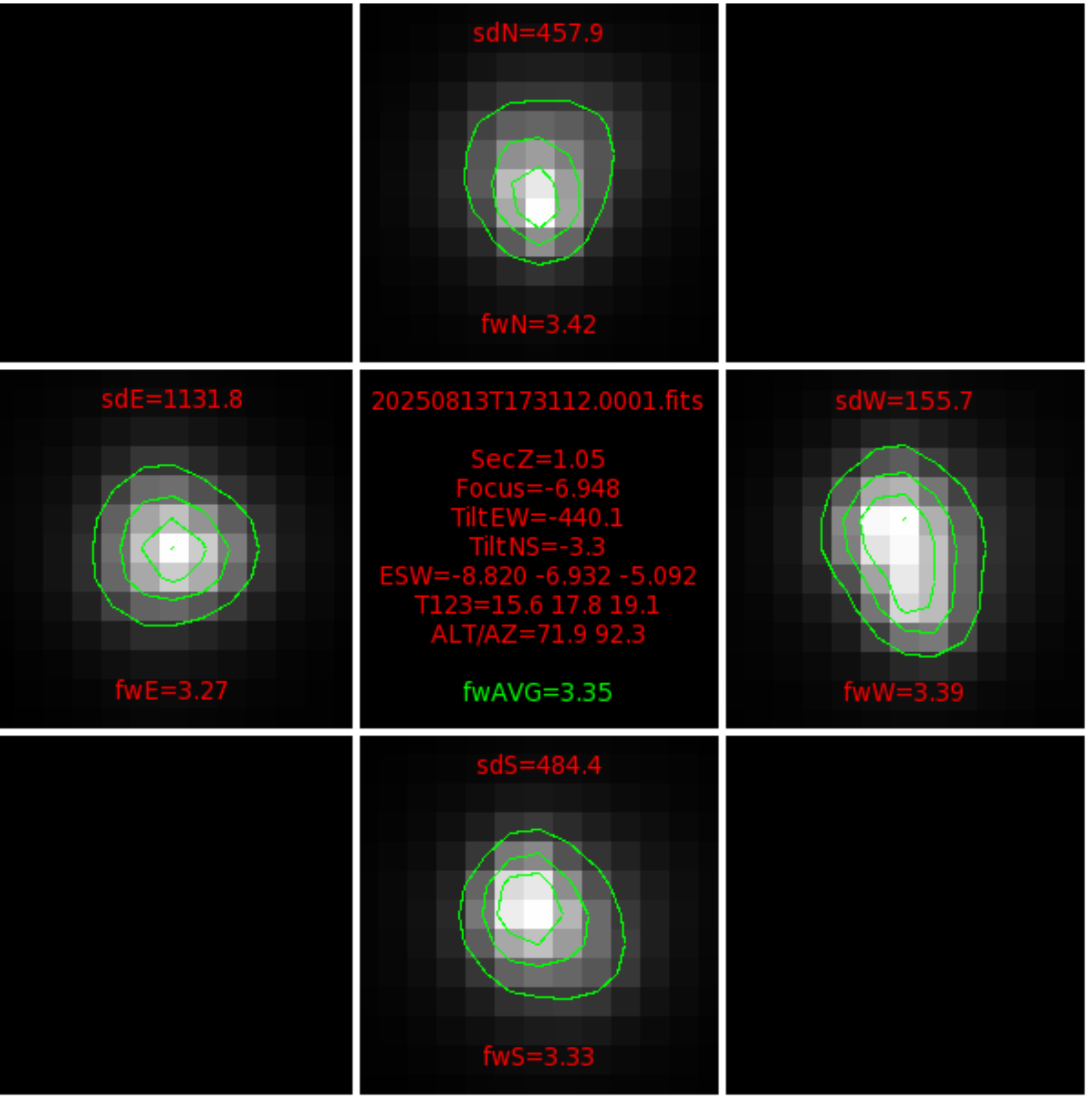
sdN=457.9
fwN=3.42
sdE=1131.8
fwE=3.27
20250813T173112.0001.fits
SecZ=1.05
Focus=-6.948
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.820 -6.932 -5.092
T123=15.6 17.8 19.1
ALT/AZ=71.9 92.3
fwAVG=3.35
sdW=155.7
fwW=3.39
sdS=484.4
fwS=3.33
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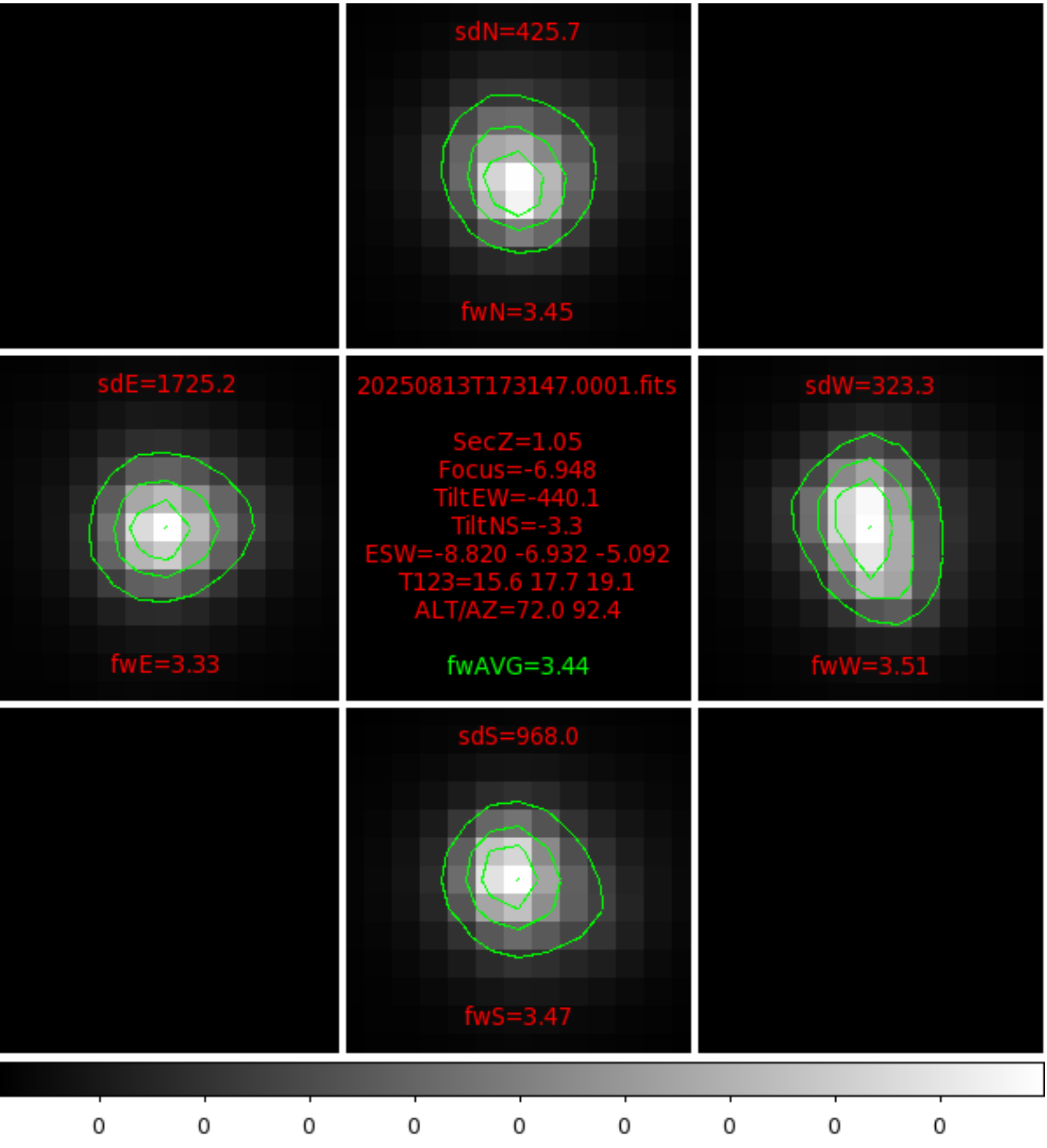
sdN=425.7
fwN=3.45
sdE=1725.2
fwE=3.33
20250813T173147.0001.fits
SecZ=1.05
Focus=-6.948
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.820 -6.932 -5.092
T123=15.6 17.7 19.1
ALT/AZ=72.0 92.4
fwAVG=3.44
sdW=323.3
fwW=3.51
sdS=968.0
fwS=3.47
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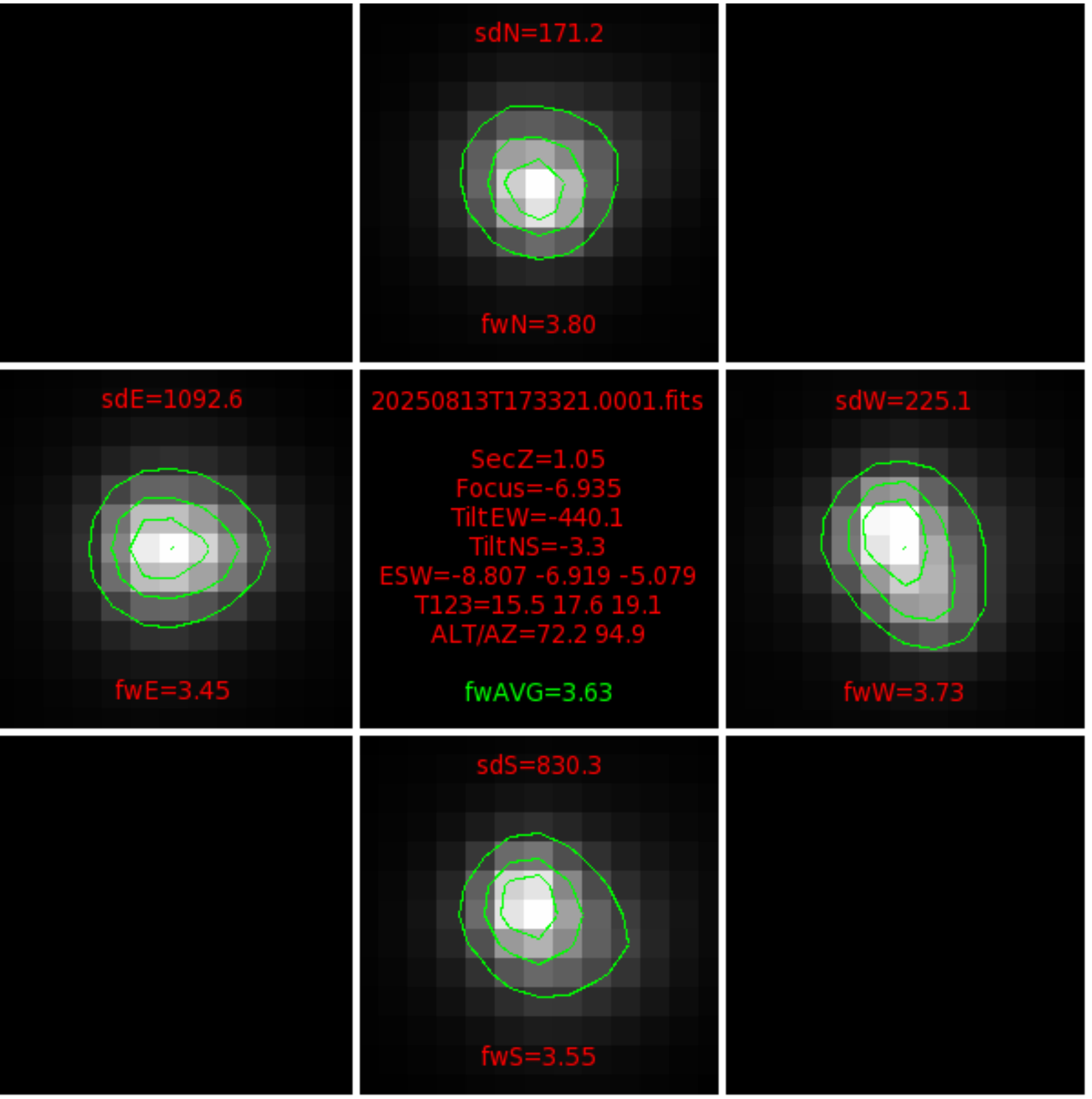
sdN=171.2
fwN=3.80
sdE=1092.6
fwE=3.45
20250813T173321.0001.fits
SecZ=1.05
Focus=-6.935
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.807 -6.919 -5.079
T123=15.5 17.6 19.1
ALT/AZ=72.2 94.9
fwAVG=3.63
sdW=225.1
fwW=3.73
sdS=830.3
fwS=3.55
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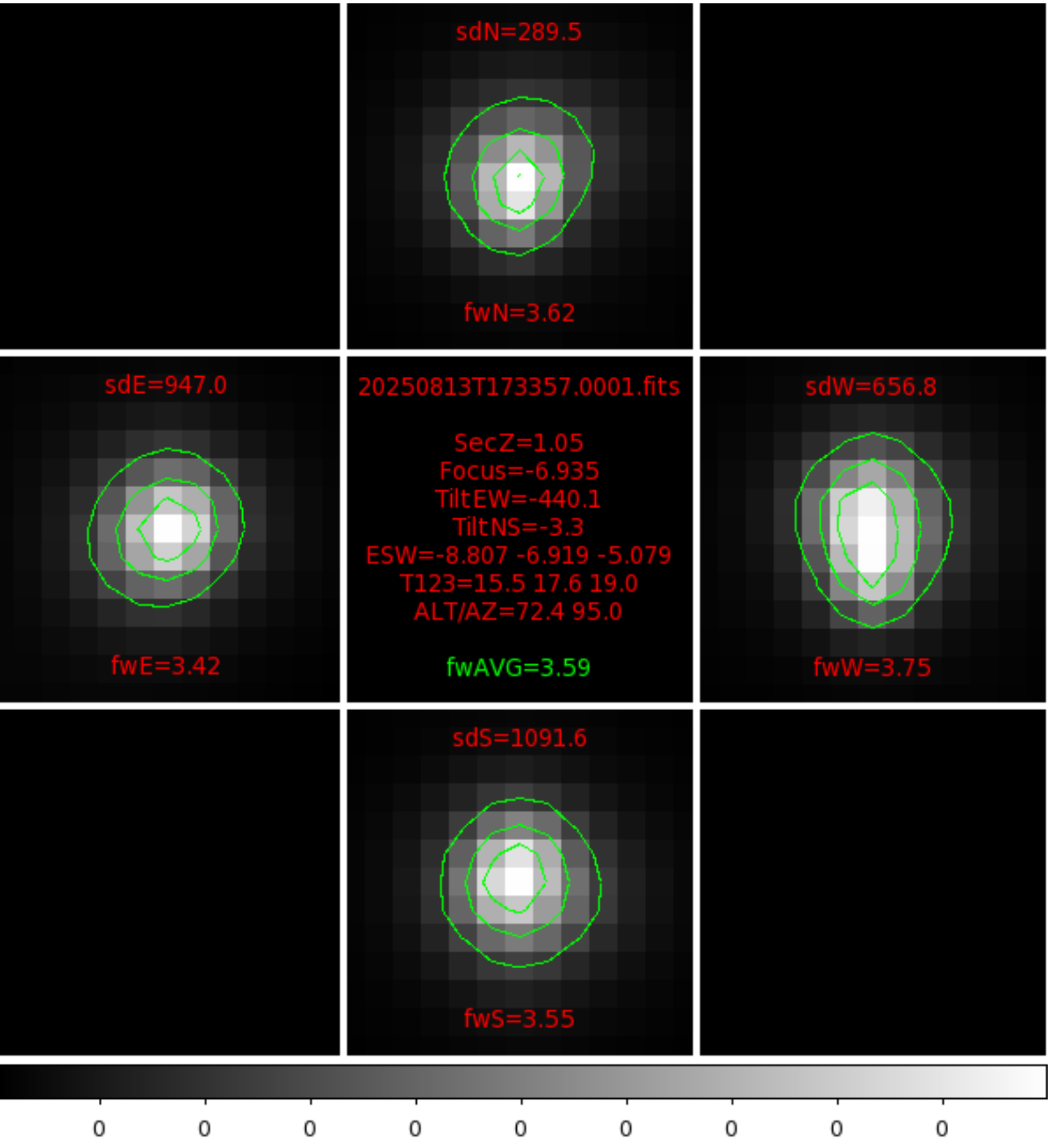
sdN=289.5
fwN=3.62
sdE=947.0
fwE=3.42
20250813T173357.0001.fits
SecZ=1.05
Focus=-6.935
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.807 -6.919 -5.079
T123=15.5 17.6 19.0
ALT/AZ=72.4 95.0
fwAVG=3.59
sdW=656.8
fwW=3.75
sdS=1091.6
fwS=3.55
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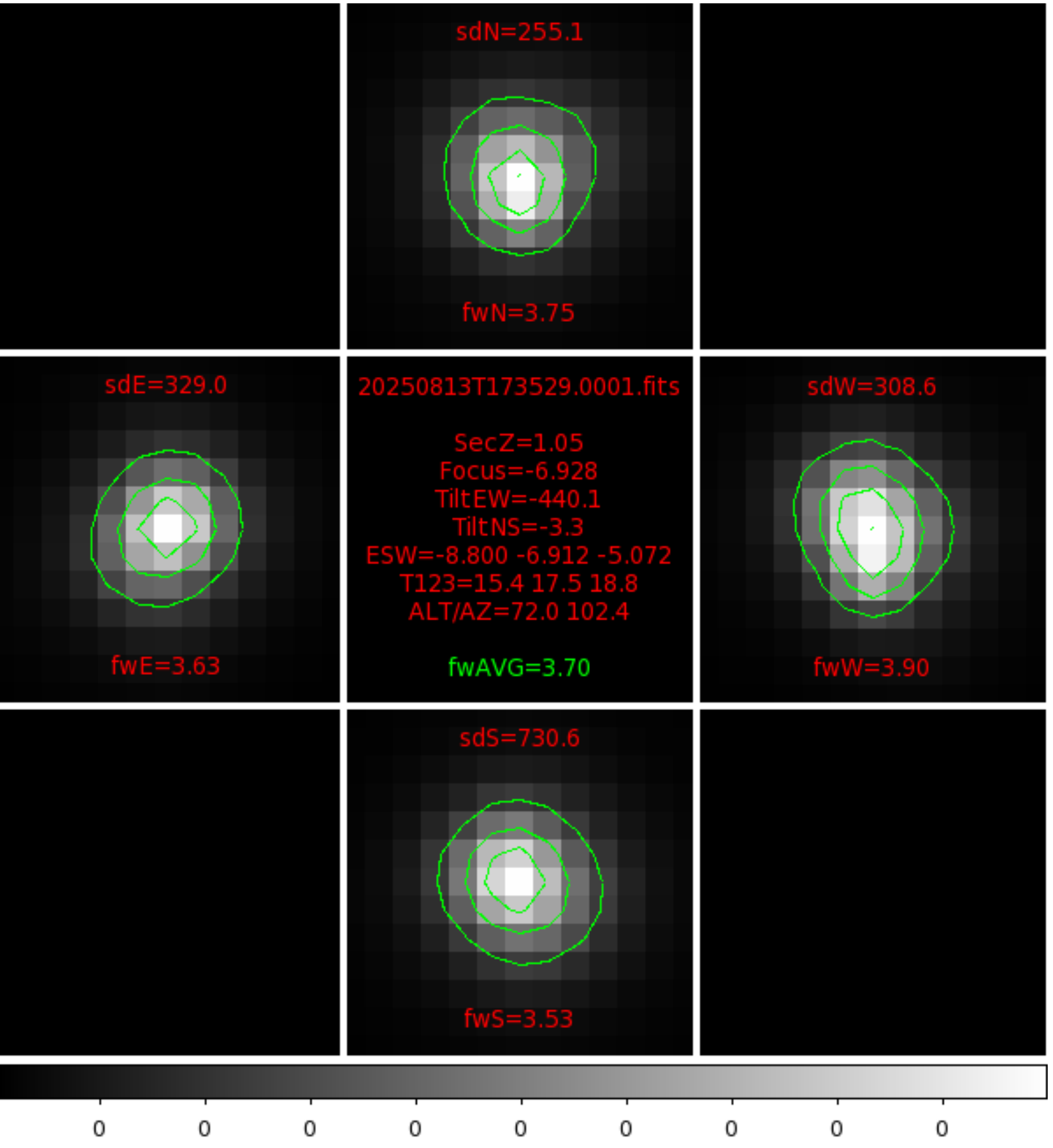
sdN=255.1
fwN=3.75
sdE=329.0
fwE=3.63
20250813T173529.0001.fits
SecZ=1.05
Focus=-6.928
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.800 -6.912 -5.072
T123=15.4 17.5 18.8
ALT/AZ=72.0 102.4
fwAVG=3.70
sdW=308.6
fwW=3.90
sdS=730.6
fwS=3.53
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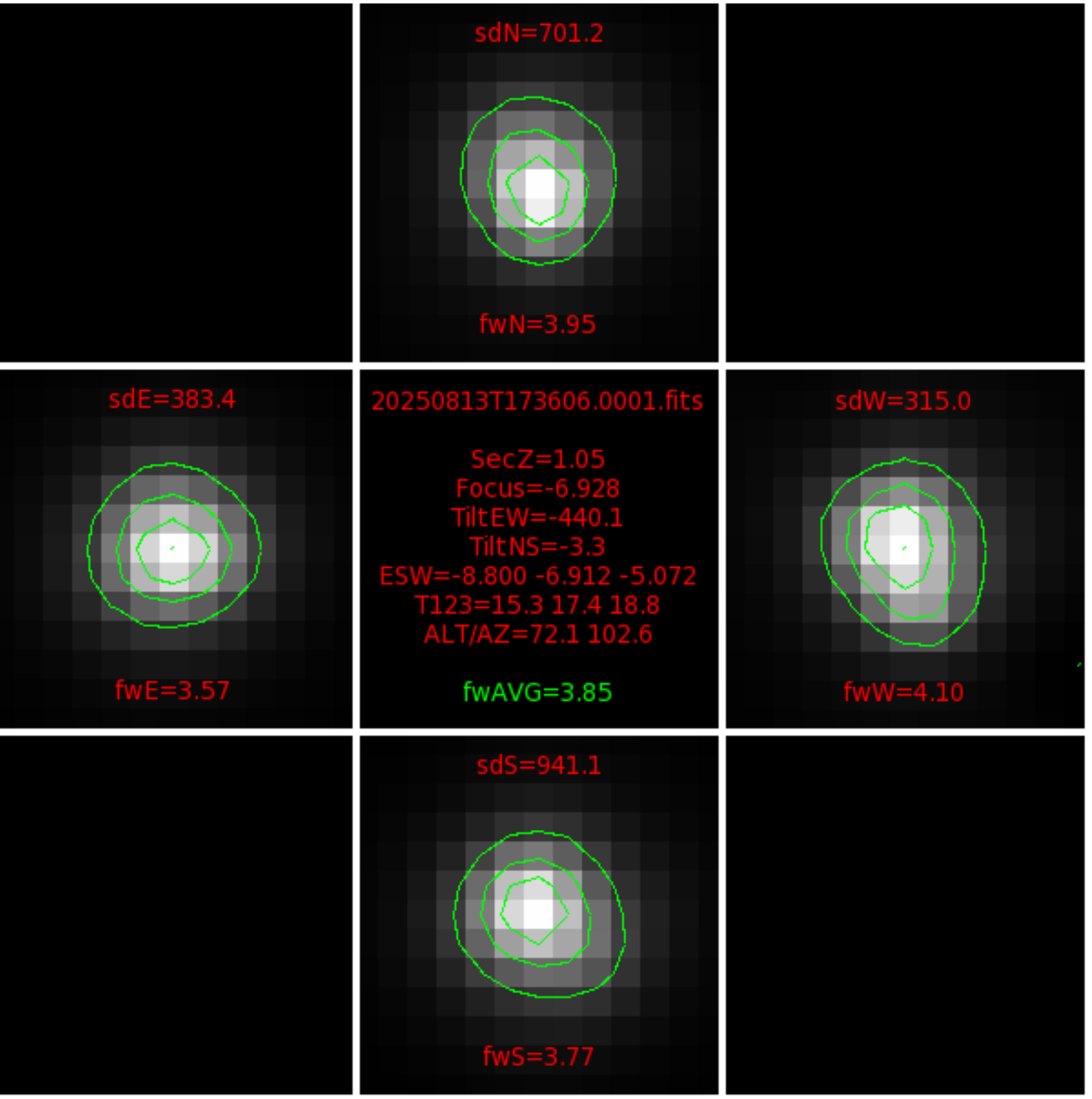
sdN=701.2
fwN=3.95
sdE=383.4
fwE=3.57
20250813T173606.0001.fits
SecZ=1.05
Focus=-6.928
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.800 -6.912 -5.072
T123=15.3 17.4 18.8
ALT/AZ=72.1 102.6
fwAVG=3.85
sdW=315.0
fwW=4.10
sdS=941.1
fwS=3.77
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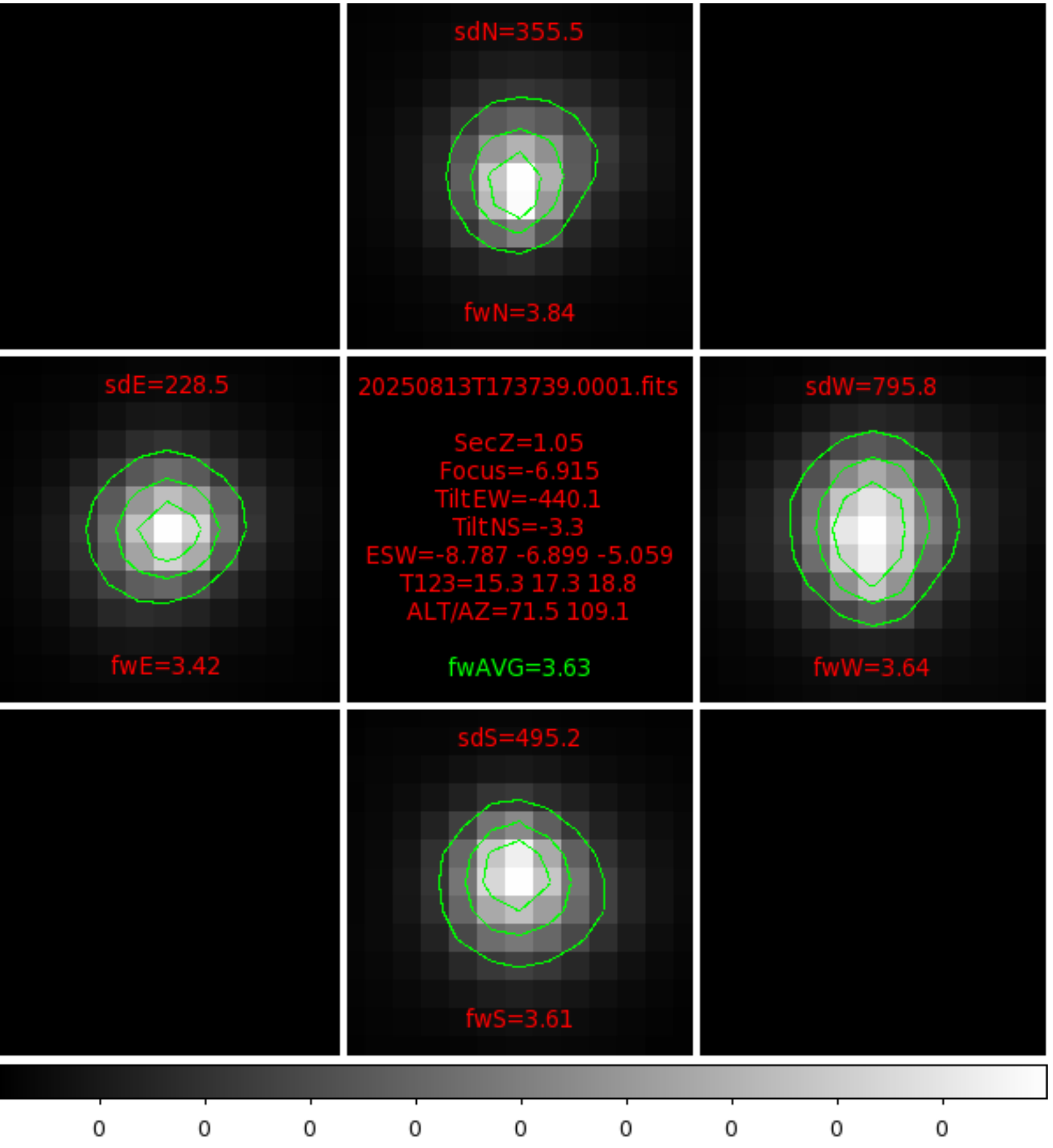
sdN=355.5
fwN=3.84
sdE=228.5
fwE=3.42
20250813T173739.0001.fits
SecZ=1.05
Focus=-6.915
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.787 -6.899 -5.059
T123=15.3 17.3 18.8
ALT/AZ=71.5 109.1
fwAVG=3.63
sdW=795.8
fwW=3.64
sdS=495.2
fwS=3.61
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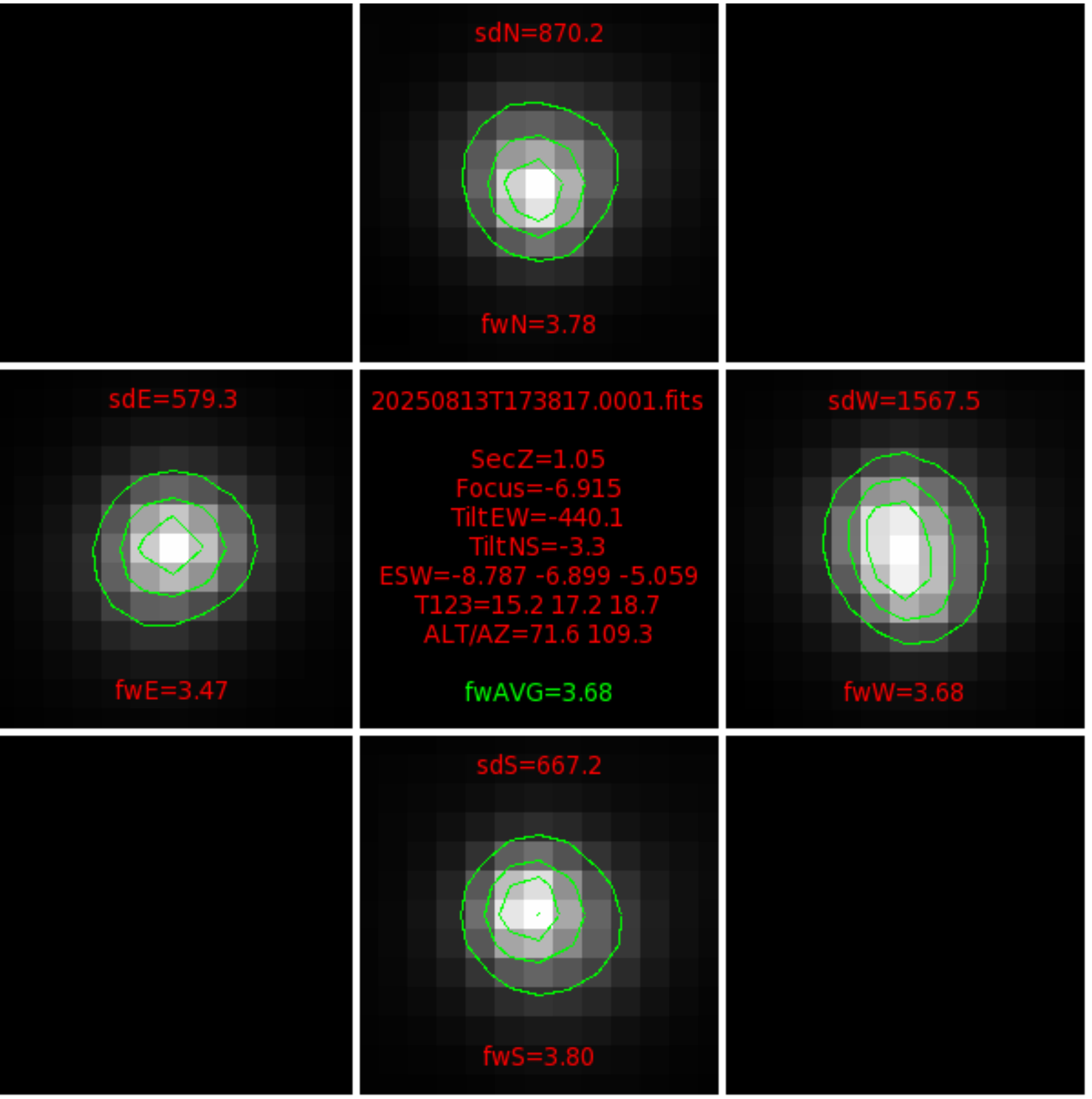
sdN=870.2
fwN=3.78
sdE=579.3
fwE=3.47
20250813T173817.0001.fits
SecZ=1.05
Focus=-6.915
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.787 -6.899 -5.059
T123=15.2 17.2 18.7
ALT/AZ=71.6 109.3
fwAVG=3.68
sdW=1567.5
fwW=3.68
sdS=667.2
fwS=3.80
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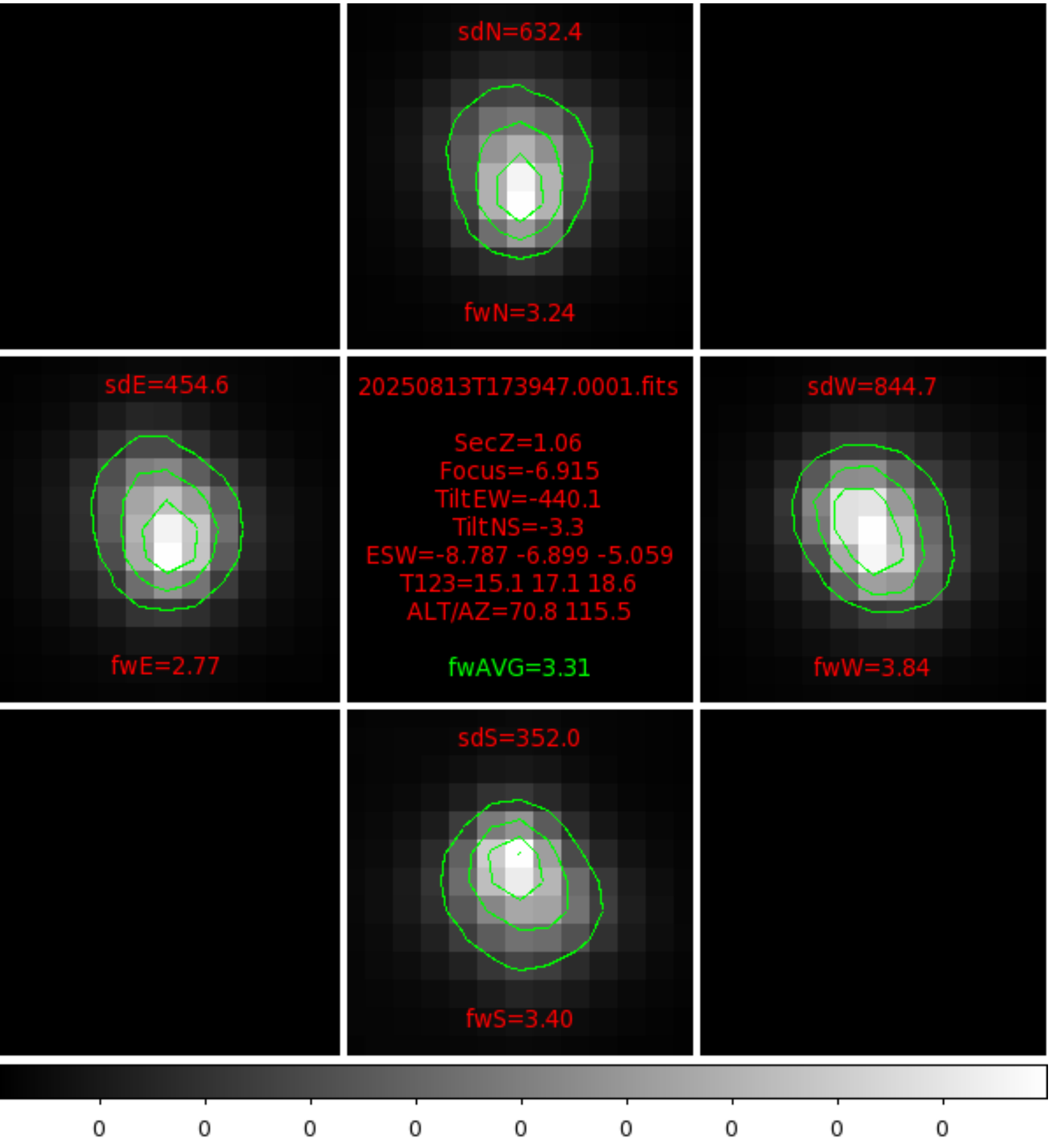
sdN=632.4
fwN=3.24
sdE=454.6
fwE=2.77
20250813T173947.0001.fits
SecZ=1.06
Focus=-6.915
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.787 -6.899 -5.059
T123=15.1 17.1 18.6
ALT/AZ=70.8 115.5
fwAVG=3.31
sdW=844.7
fwW=3.84
sdS=352.0
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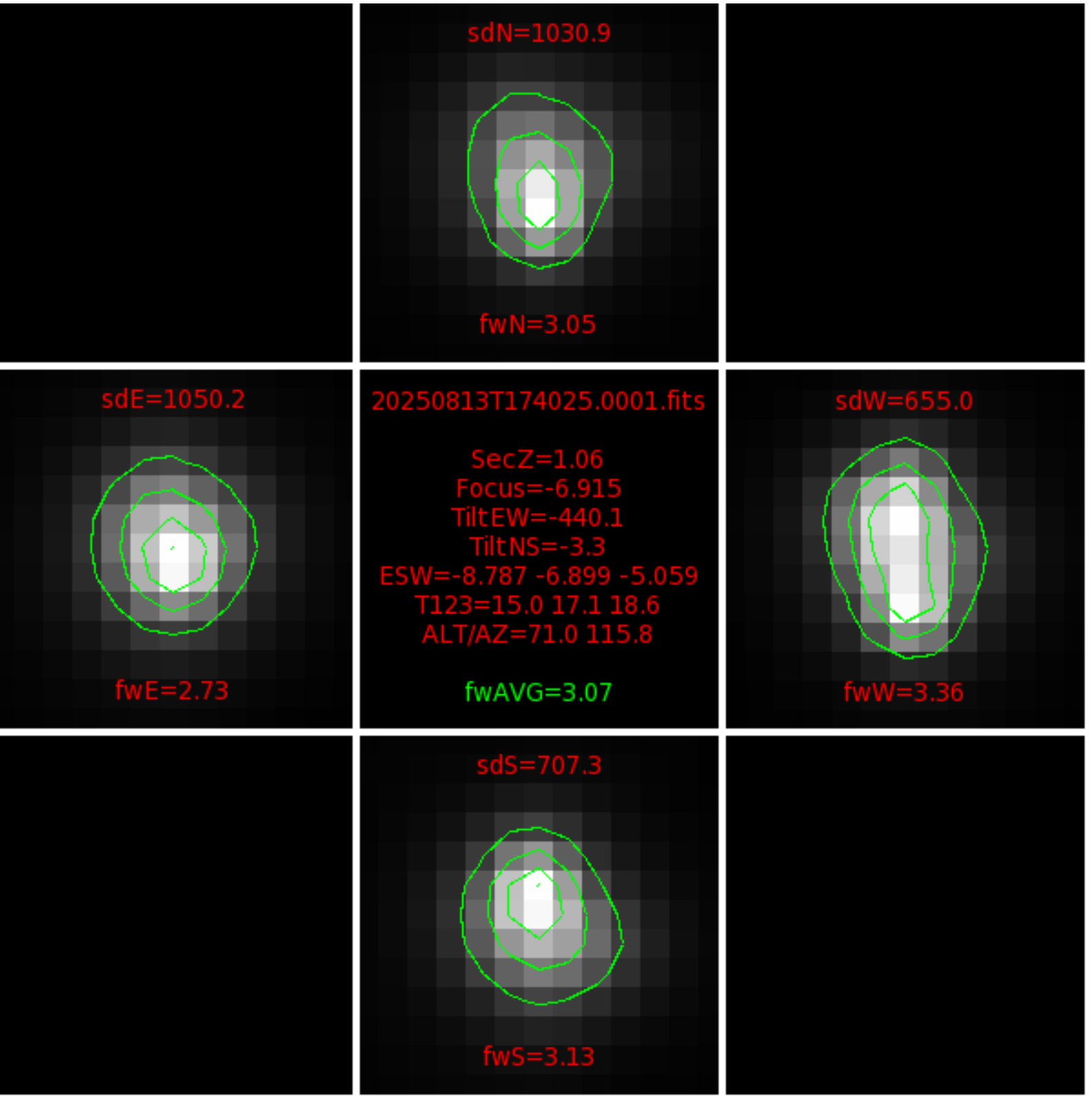
sdN=1030.9
fwN=3.05
sdE=1050.2
fwE=2.73
20250813T174025.0001.fits
SecZ=1.06
Focus=-6.915
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.787 -6.899 -5.059
T123=15.0 17.1 18.6
ALT/AZ=71.0 115.8
fwAVG=3.07
sdW=655.0
fwW=3.36
sdS=707.3
fwS=3.13
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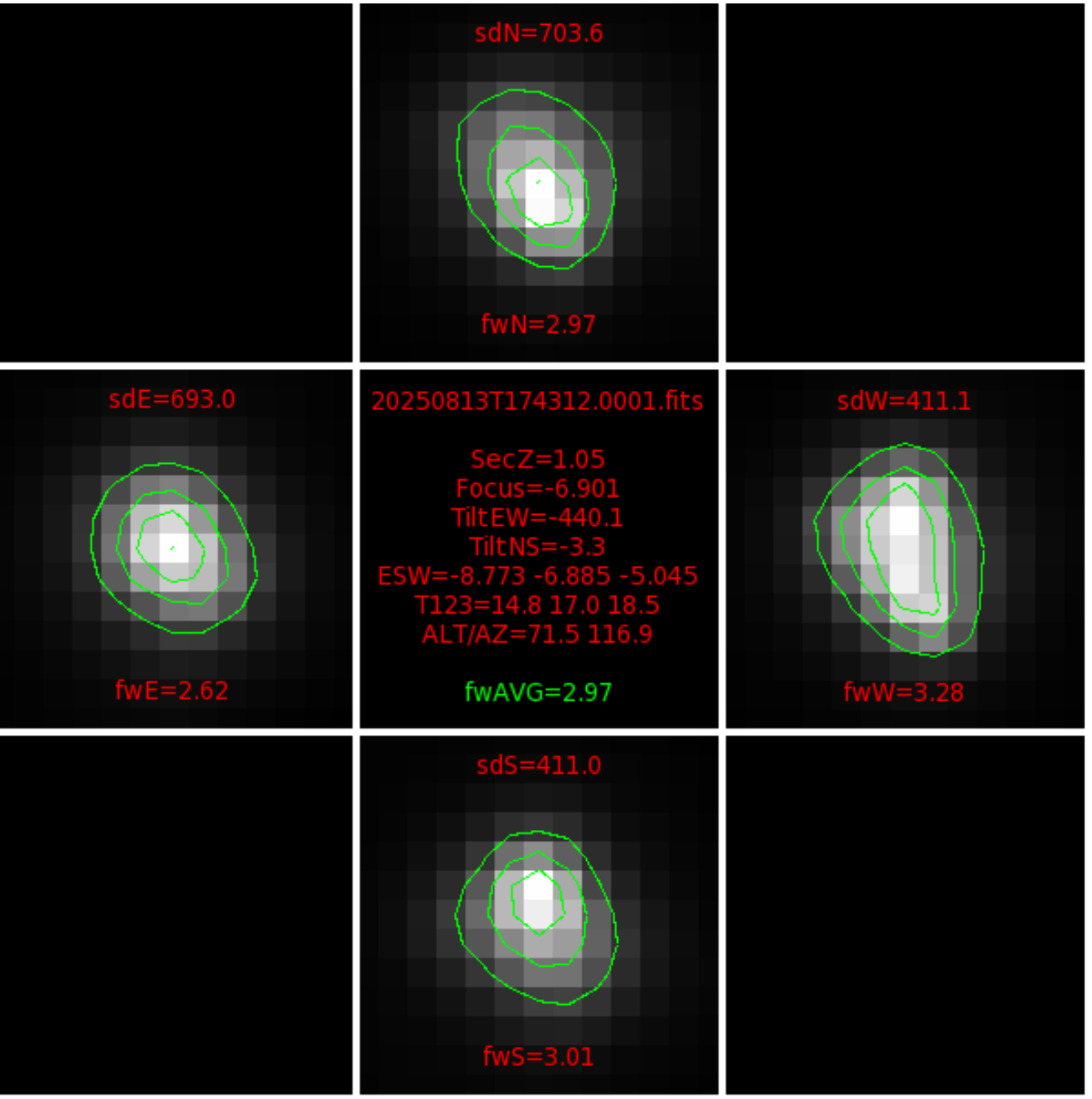
sdN=703.6
fwN=2.97
sdE=693.0
fwE=2.62
20250813T174312.0001.fits
SecZ=1.05
Focus=-6.901
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.773 -6.885 -5.045
T123=14.8 17.0 18.5
ALT/AZ=71.5 116.9
fwAVG=2.97
sdW=411.1
fwW=3.28
sdS=411.0
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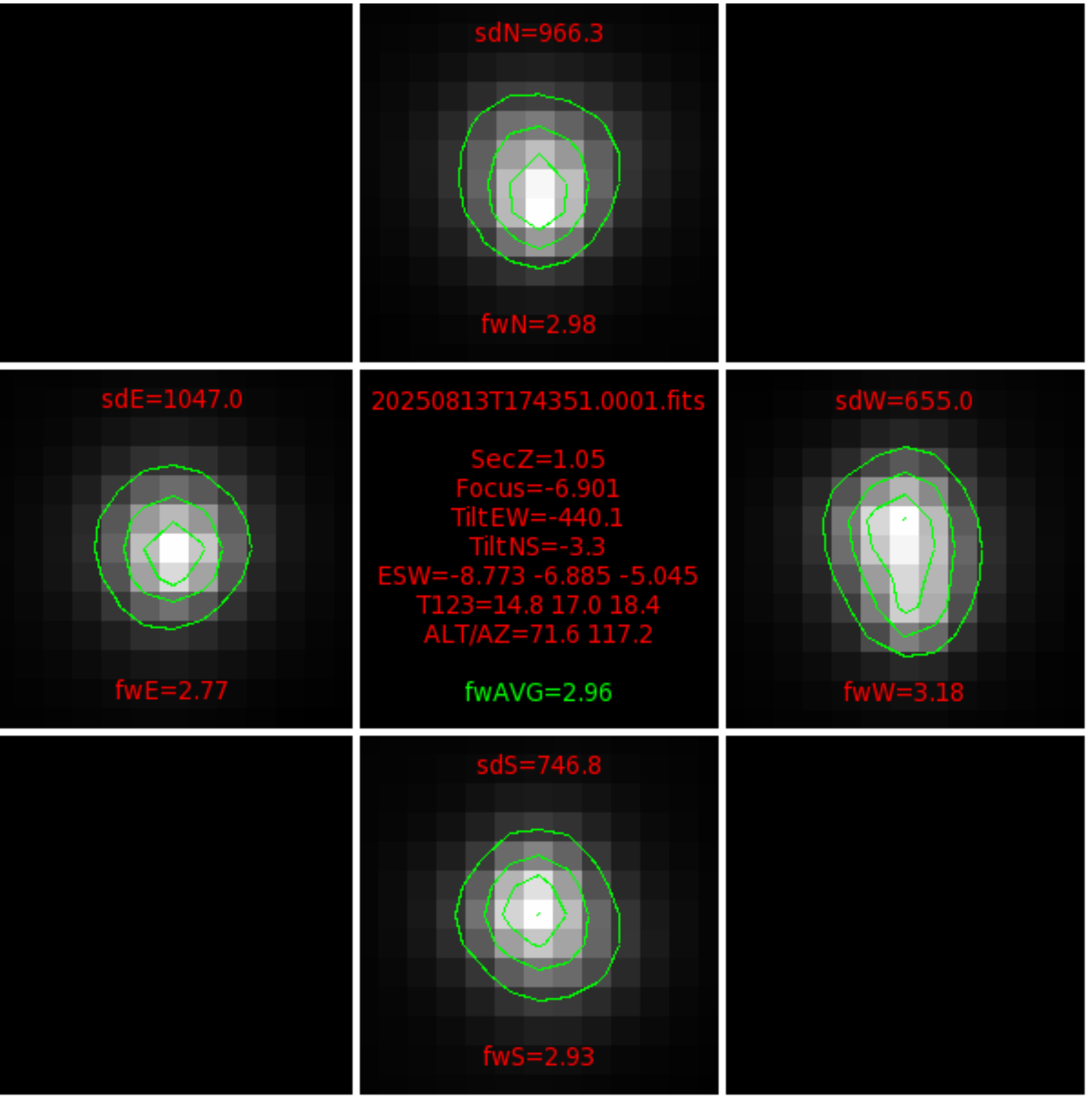
sdN=966.3
fwN=2.98
sdE=1047.0
fwE=2.77
20250813T174351.0001.fits
SecZ=1.05
Focus=-6.901
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.773 -6.885 -5.045
T123=14.8 17.0 18.4
ALT/AZ=71.6 117.2
fwAVG=2.96
sdW=655.0
fwW=3.18
sdS=746.8
fwS=2.93
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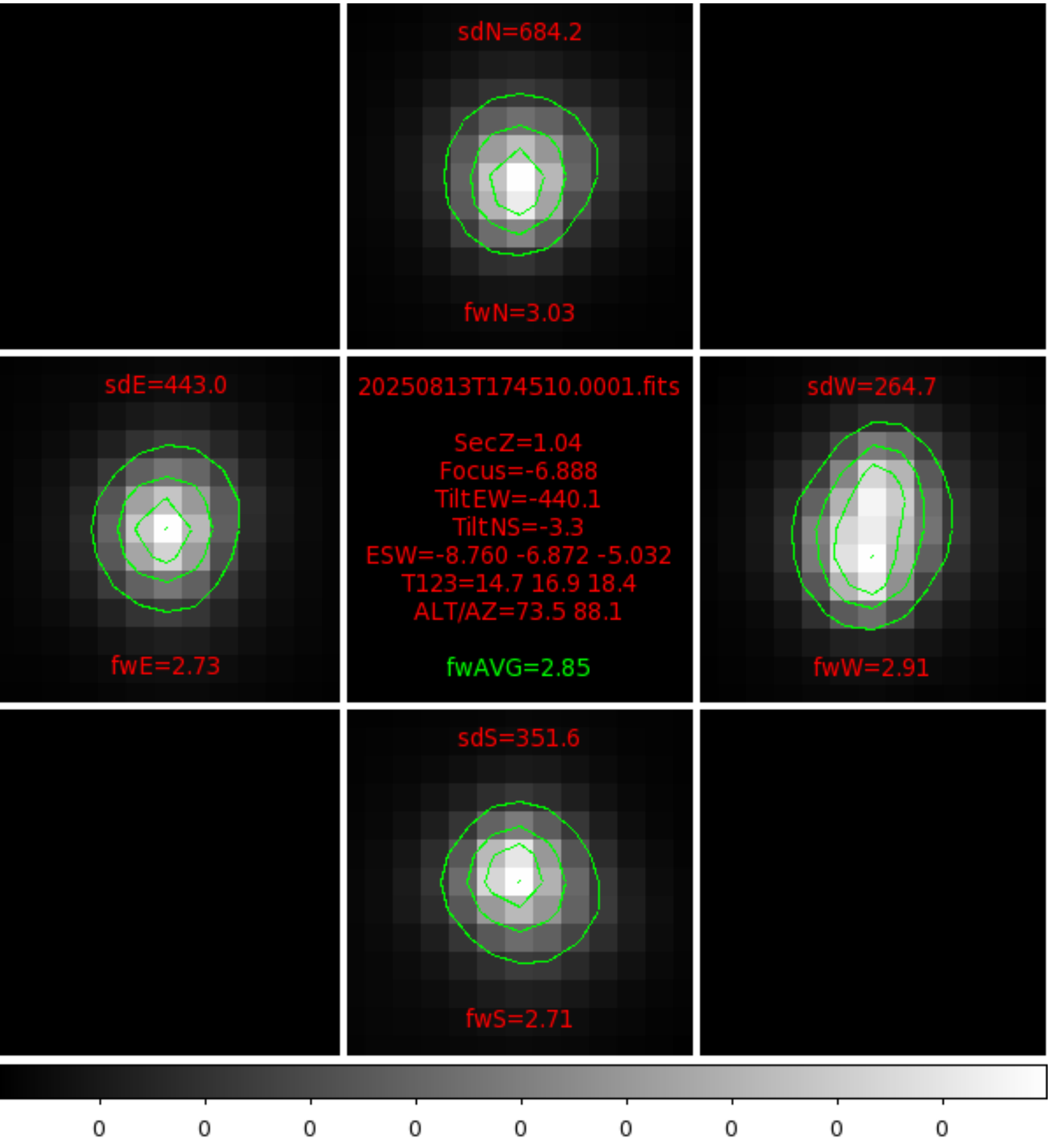
sdN=684.2
fwN=3.03
sdE=443.0
fwE=2.73
20250813T174510.0001.fits
SecZ=1.04
Focus=-6.888
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.760 -6.872 -5.032
T123=14.7 16.9 18.4
ALT/AZ=73.5 88.1
fwAVG=2.85
sdW=264.7
fwW=2.91
sdS=351.6
fwS=2.71
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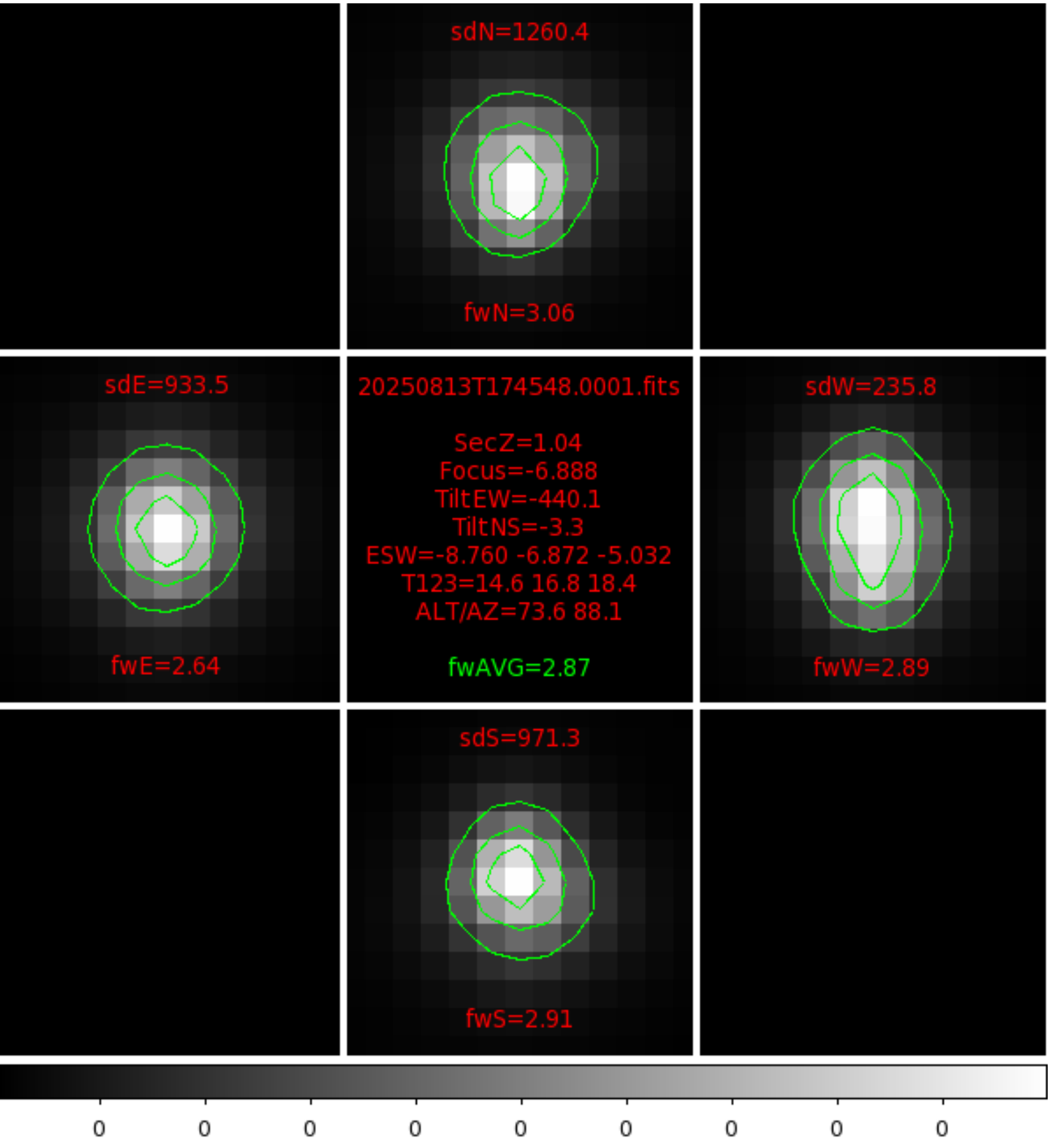
sdN=1260.4
fwN=3.06
sdE=933.5
fwE=2.64
20250813T174548.0001.fits
SecZ=1.04
Focus=-6.888
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.760 -6.872 -5.032
T123=14.6 16.8 18.4
ALT/AZ=73.6 88.1
fwAVG=2.87
sdW=235.8
fwW=2.89
sdS=971.3
fwS=2.91
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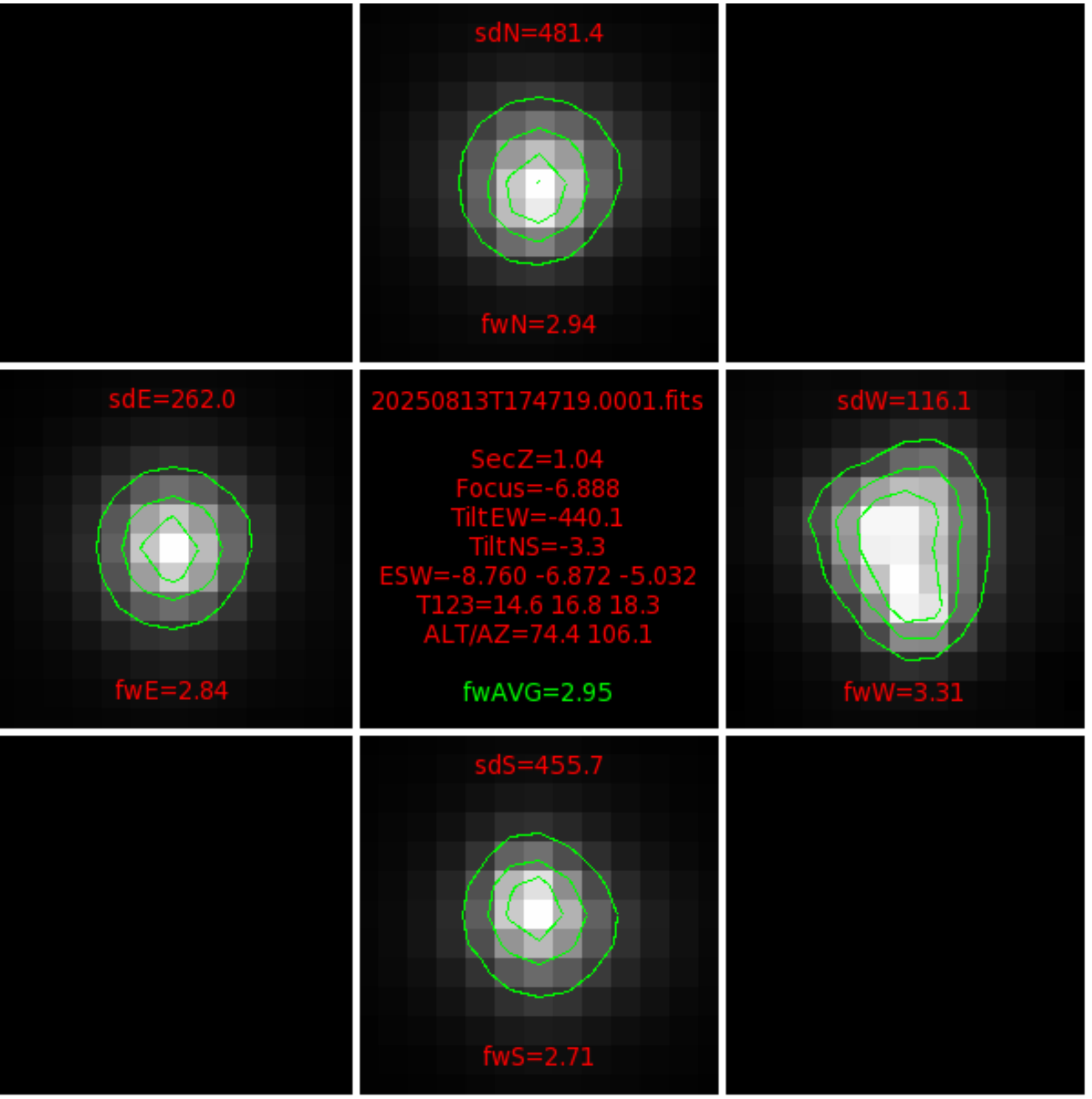
sdN=481.4
fwN=2.94
sdE=262.0
fwE=2.84
20250813T174719.0001.fits
SecZ=1.04
Focus=-6.888
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.760 -6.872 -5.032
T123=14.6 16.8 18.3
ALT/AZ=74.4 106.1
fwAVG=2.95
sdW=116.1
fwW=3.31
sdS=455.7
fwS=2.71
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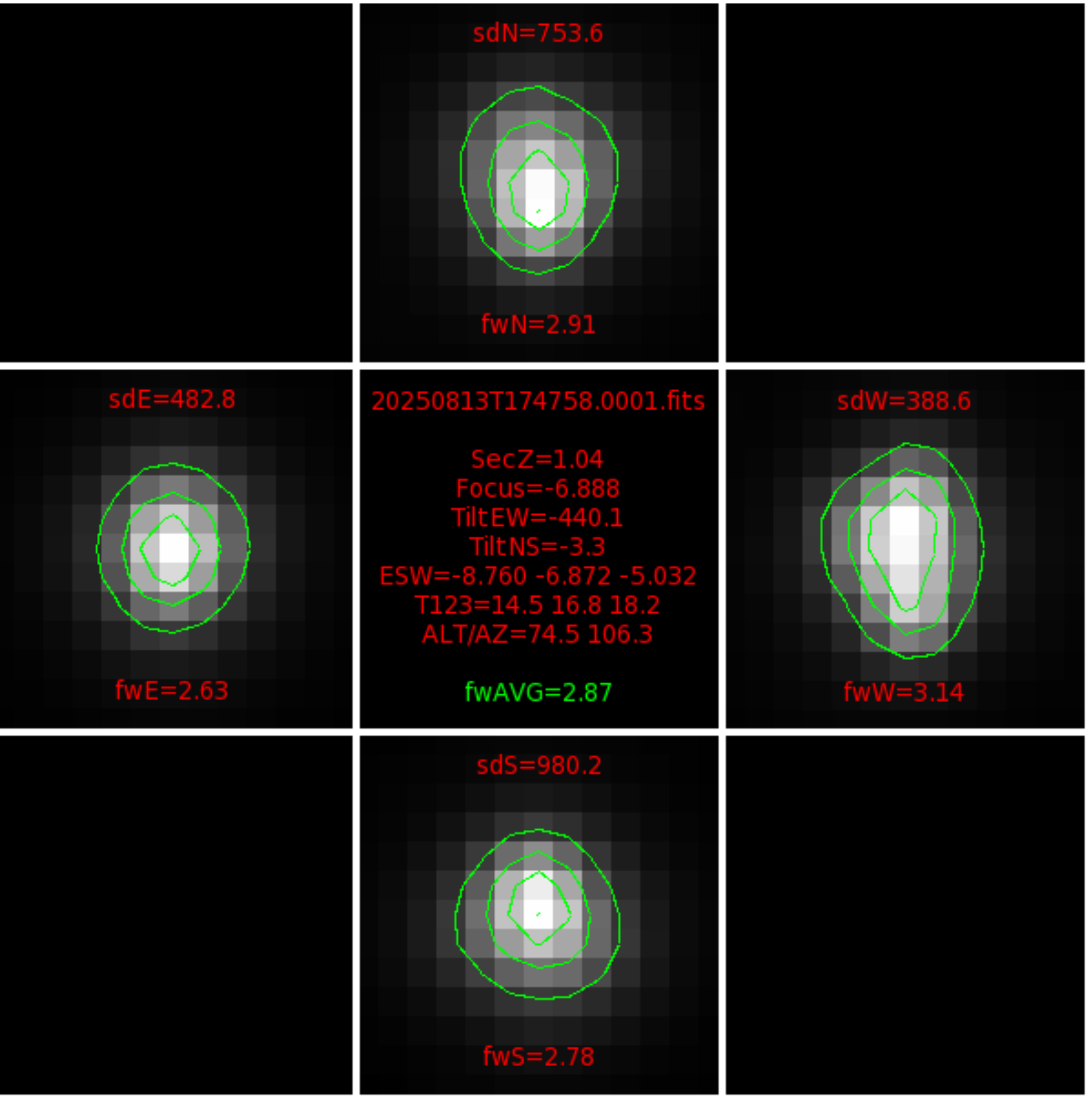
sdN=753.6
fwN=2.91
sdE=482.8
fwE=2.63
20250813T174758.0001.fits
SecZ=1.04
Focus=-6.888
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.760 -6.872 -5.032
T123=14.5 16.8 18.2
ALT/AZ=74.5 106.3
fwAVG=2.87
sdW=388.6
fwW=3.14
sdS=980.2
fwS=2.78
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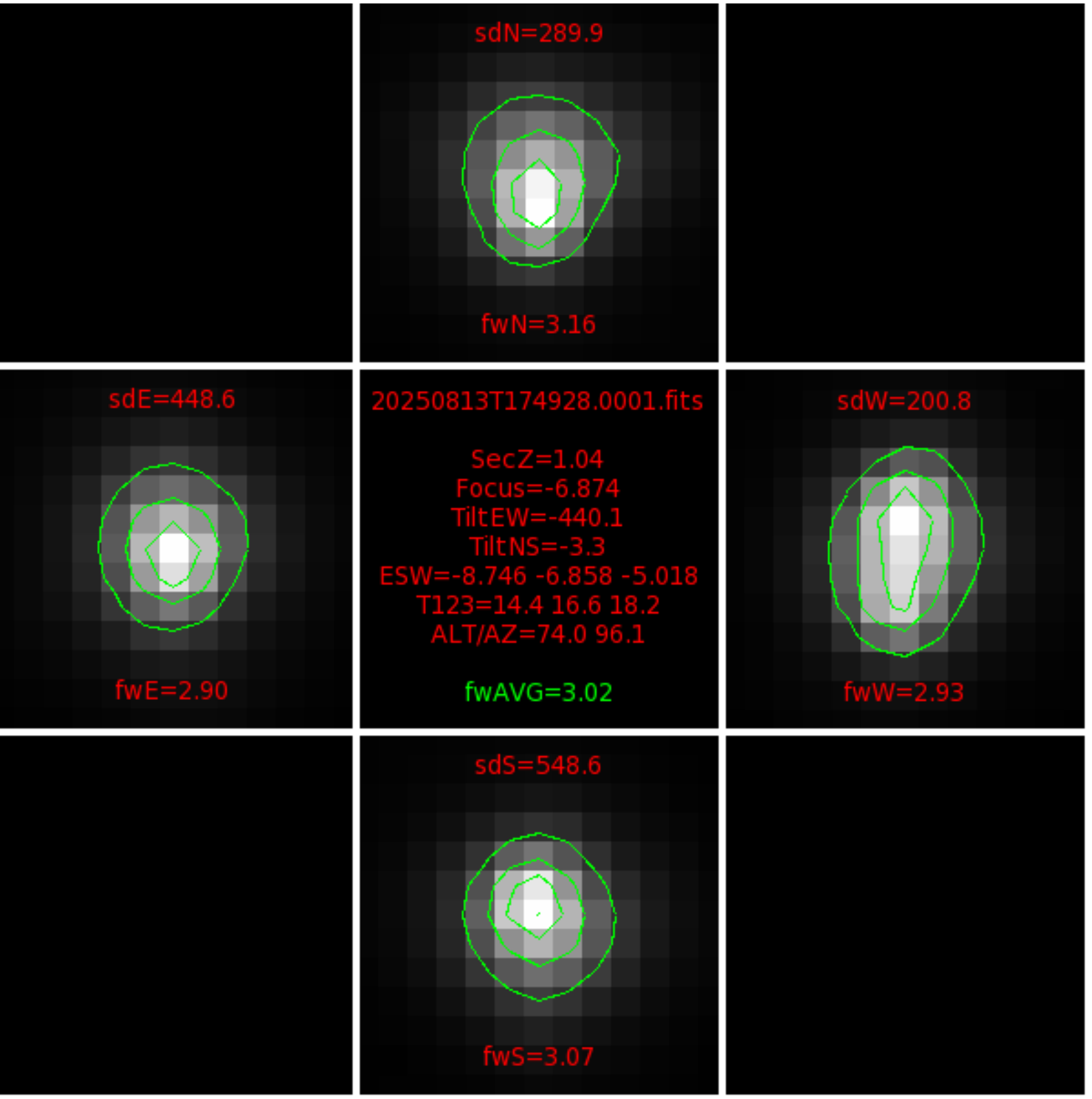
sdN=289.9
fwN=3.16
sdE=448.6
fwE=2.90
20250813T174928.0001.fits
SecZ=1.04
Focus=-6.874
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.746 -6.858 -5.018
T123=14.4 16.6 18.2
ALT/AZ=74.0 96.1
fwAVG=3.02
sdW=200.8
fwW=2.93
sdS=548.6
fwS=3.07
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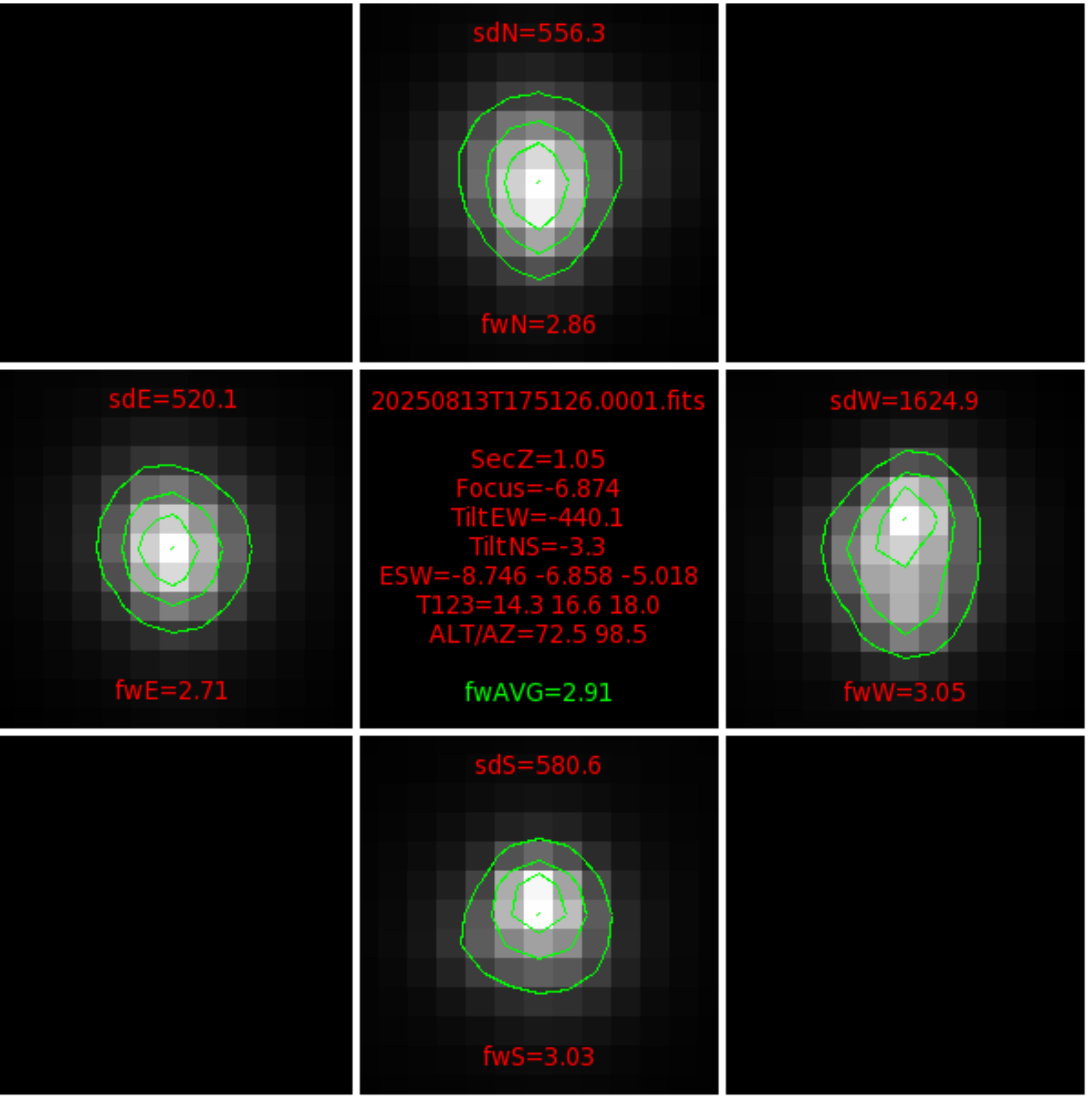
sdN=556.3
fwN=2.86
sdE=520.1
fwE=2.71
20250813T175126.0001.fits
SecZ=1.05
Focus=-6.874
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.746 -6.858 -5.018
T123=14.3 16.6 18.0
ALT/AZ=72.5 98.5
fwAVG=2.91
sdW=1624.9
fwW=3.05
sdS=580.6
fwS=3.03
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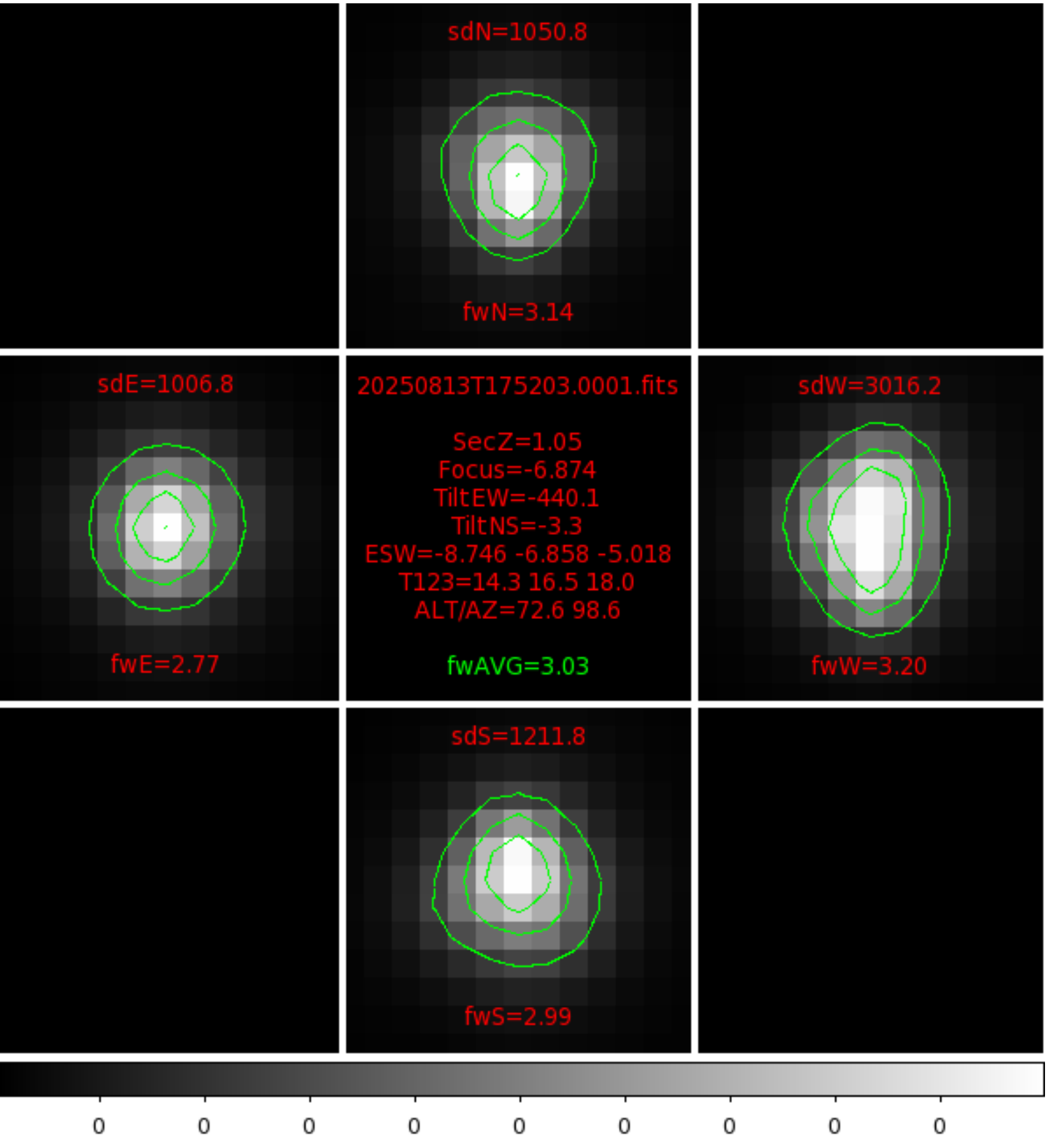
sdN=1050.8
fwN=3.14
sdE=1006.8
fwE=2.77
20250813T175203.0001.fits
SecZ=1.05
Focus=-6.874
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.746 -6.858 -5.018
T123=14.3 16.5 18.0
ALT/AZ=72.6 98.6
fwAVG=3.03
sdW=3016.2
fwW=3.20
sdS=1211.8
fwS=2.99
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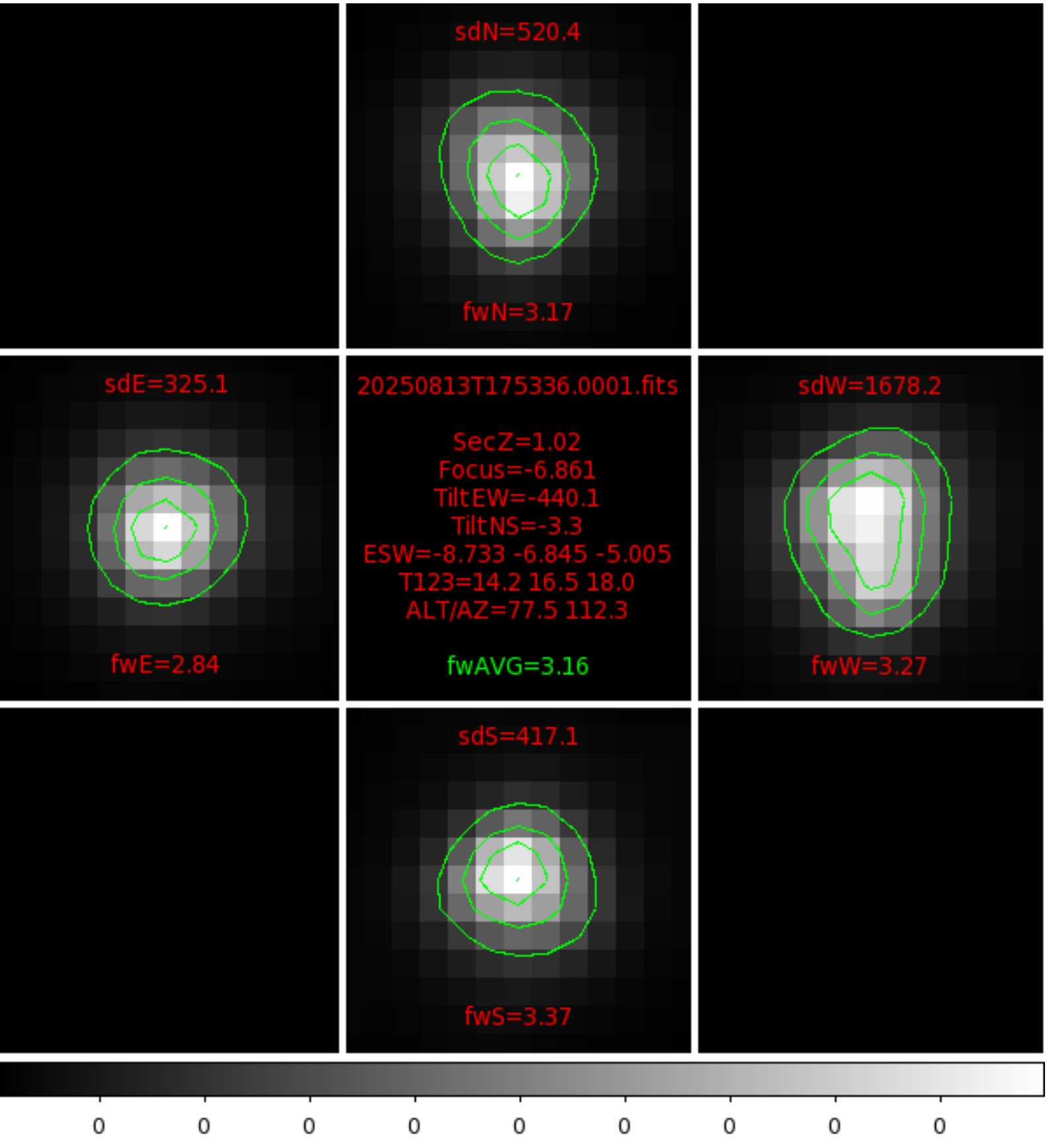
sdN=520.4
fwN=3.17
sdE=325.1
fwE=2.84
20250813T175336.0001.fits
SecZ=1.02
Focus=-6.861
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.733 -6.845 -5.005
T123=14.2 16.5 18.0
ALT/AZ=77.5 112.3
fwAVG=3.16
sdW=1678.2
fwW=3.27
sdS=417.1
fwS=3.37
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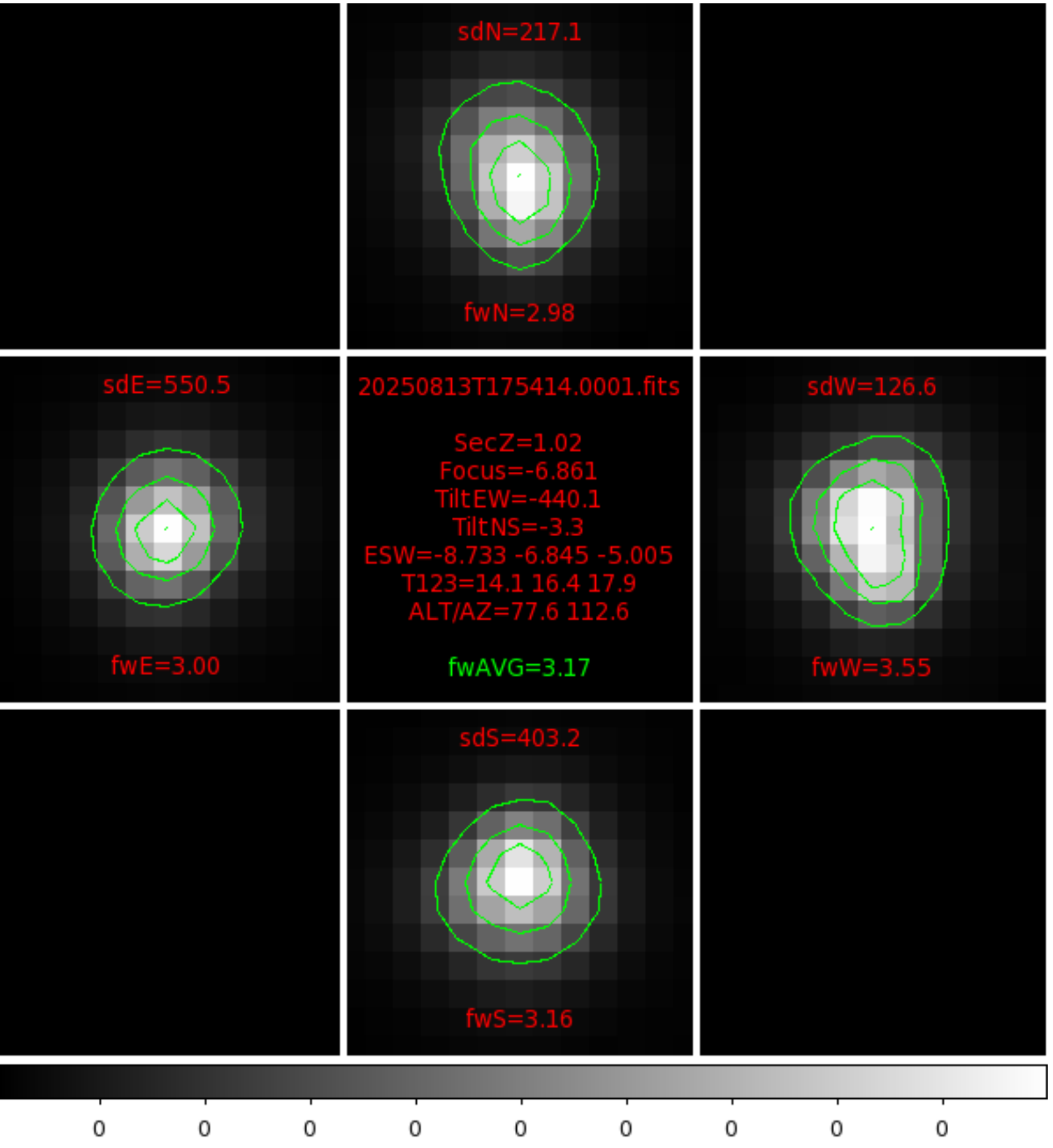
sdN=217.1
fwN=2.98
sdE=550.5
fwE=3.00
20250813T175414.0001.fits
SecZ=1.02
Focus=-6.861
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.733 -6.845 -5.005
T123=14.1 16.4 17.9
ALT/AZ=77.6 112.6
fwAVG=3.17
sdW=126.6
fwW=3.55
sdS=403.2
fwS=3.16
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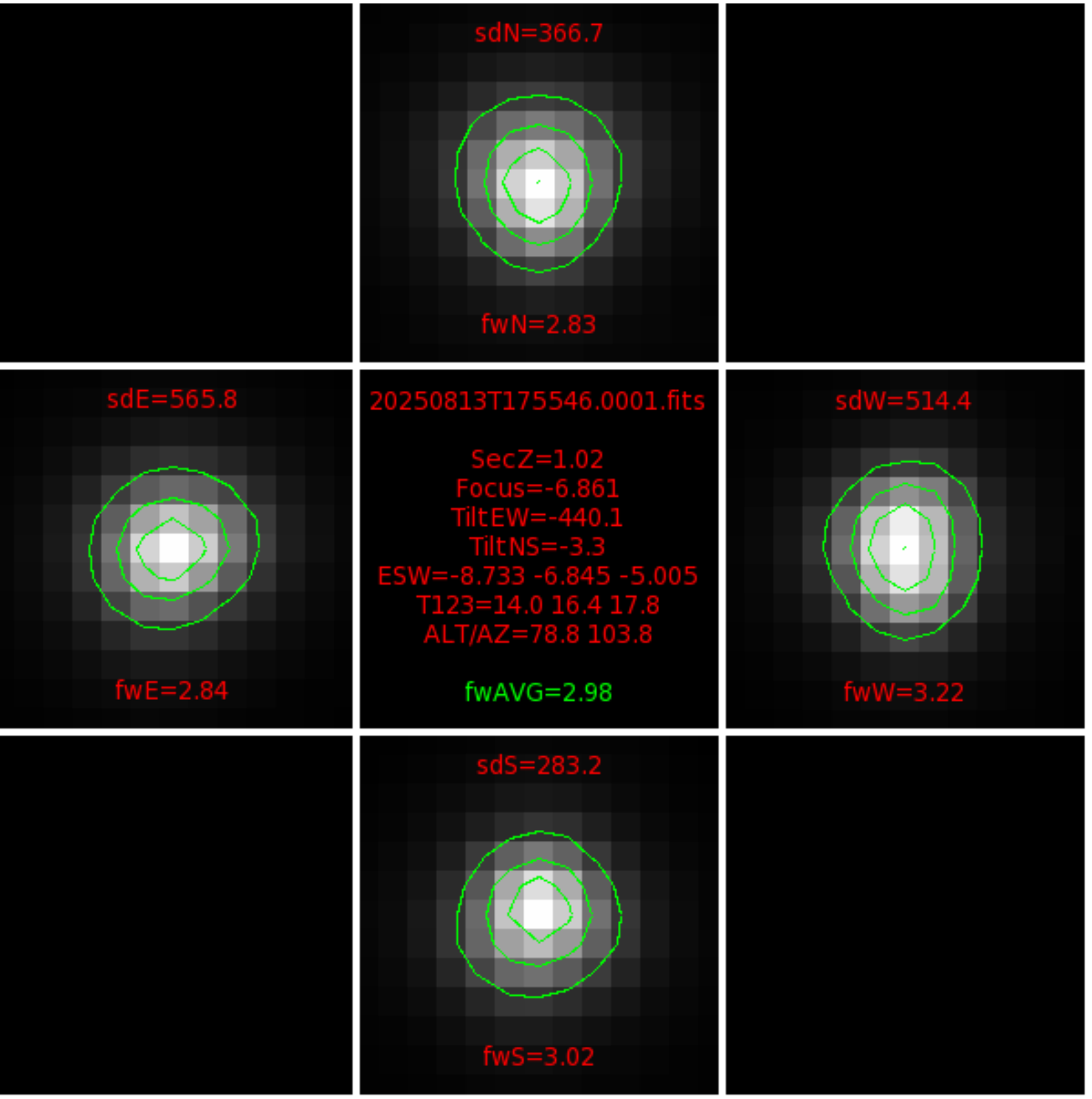
sdN=366.7
fwN=2.83
sdE=565.8
fwE=2.84
20250813T175546.0001.fits
SecZ=1.02
Focus=-6.861
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.733 -6.845 -5.005
T123=14.0 16.4 17.8
ALT/AZ=78.8 103.8
fwAVG=2.98
sdW=514.4
fwW=3.22
sdS=283.2
fwS=3.02
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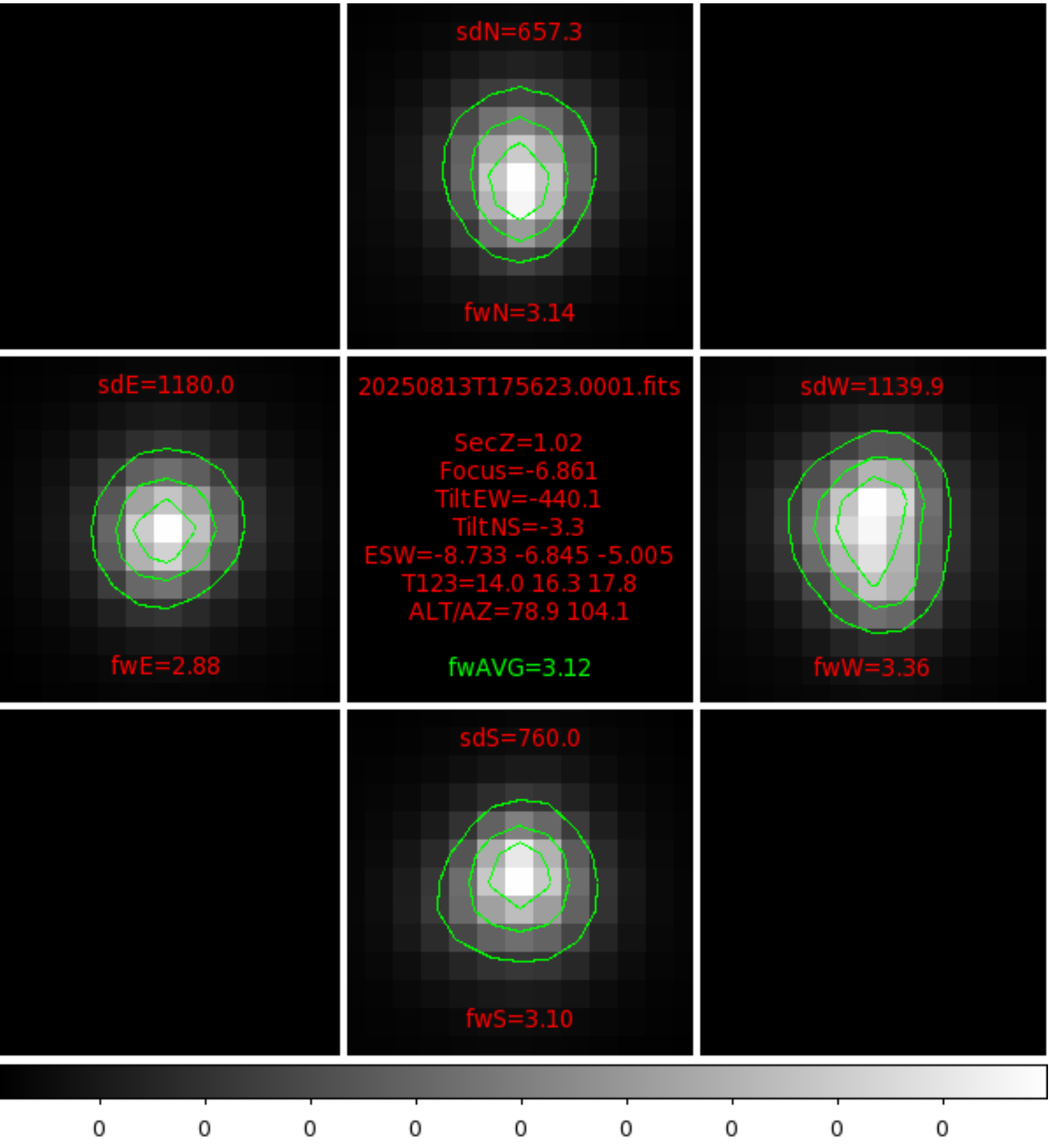
sdN=657.3
fwN=3.14
sdE=1180.0
fwE=2.88
20250813T175623.0001.fits
SecZ=1.02
Focus=-6.861
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.733 -6.845 -5.005
T123=14.0 16.3 17.8
ALT/AZ=78.9 104.1
fwAVG=3.12
sdW=1139.9
fwW=3.36
sdS=760.0
fwS=3.10
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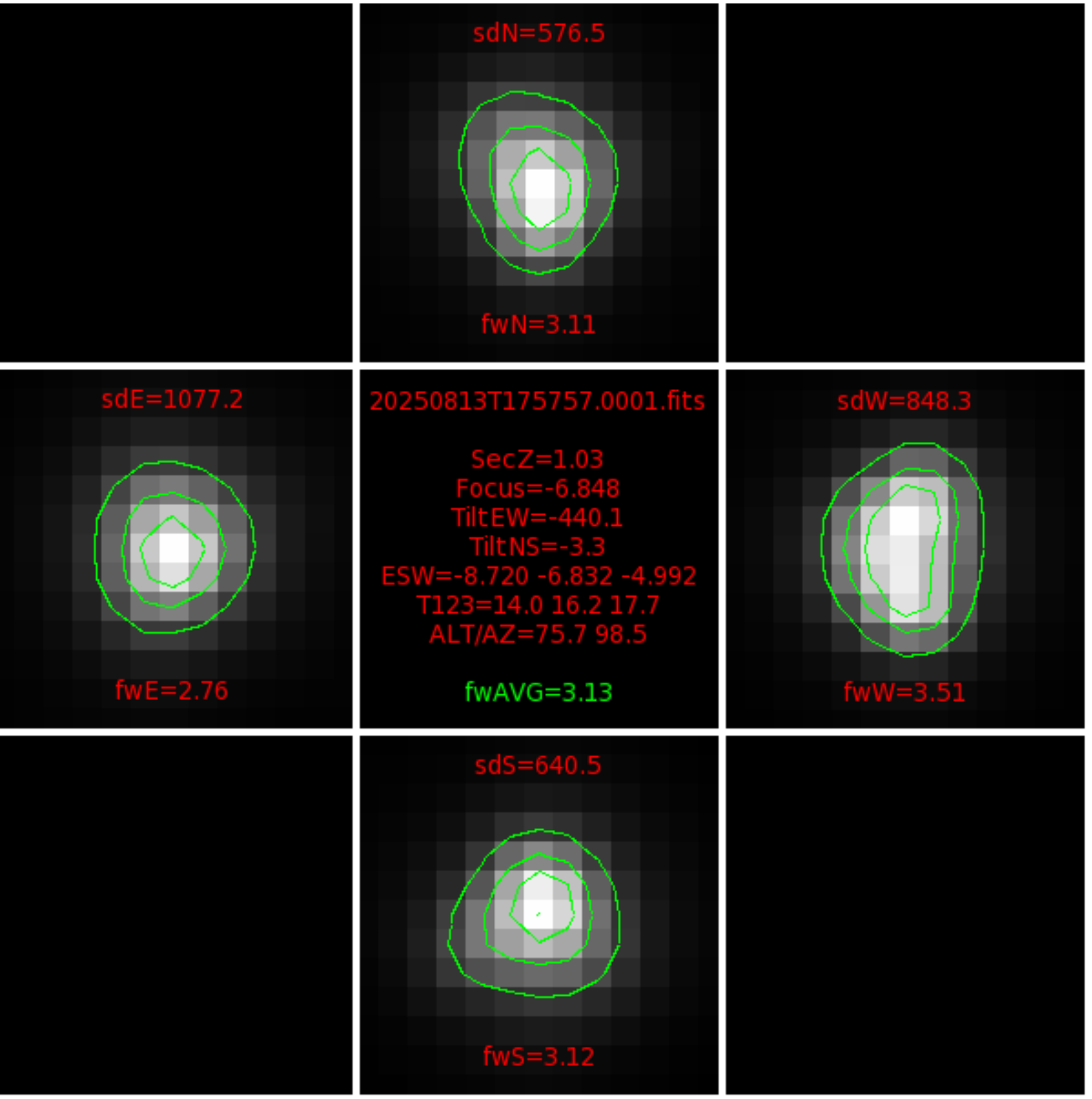
sdN=576.5
fwN=3.11
sdE=1077.2
fwE=2.76
20250813T175757.0001.fits
SecZ=1.03
Focus=-6.848
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.720 -6.832 -4.992
T123=14.0 16.2 17.7
ALT/AZ=75.7 98.5
fwAVG=3.13
sdW=848.3
fwW=3.51
sdS=640.5
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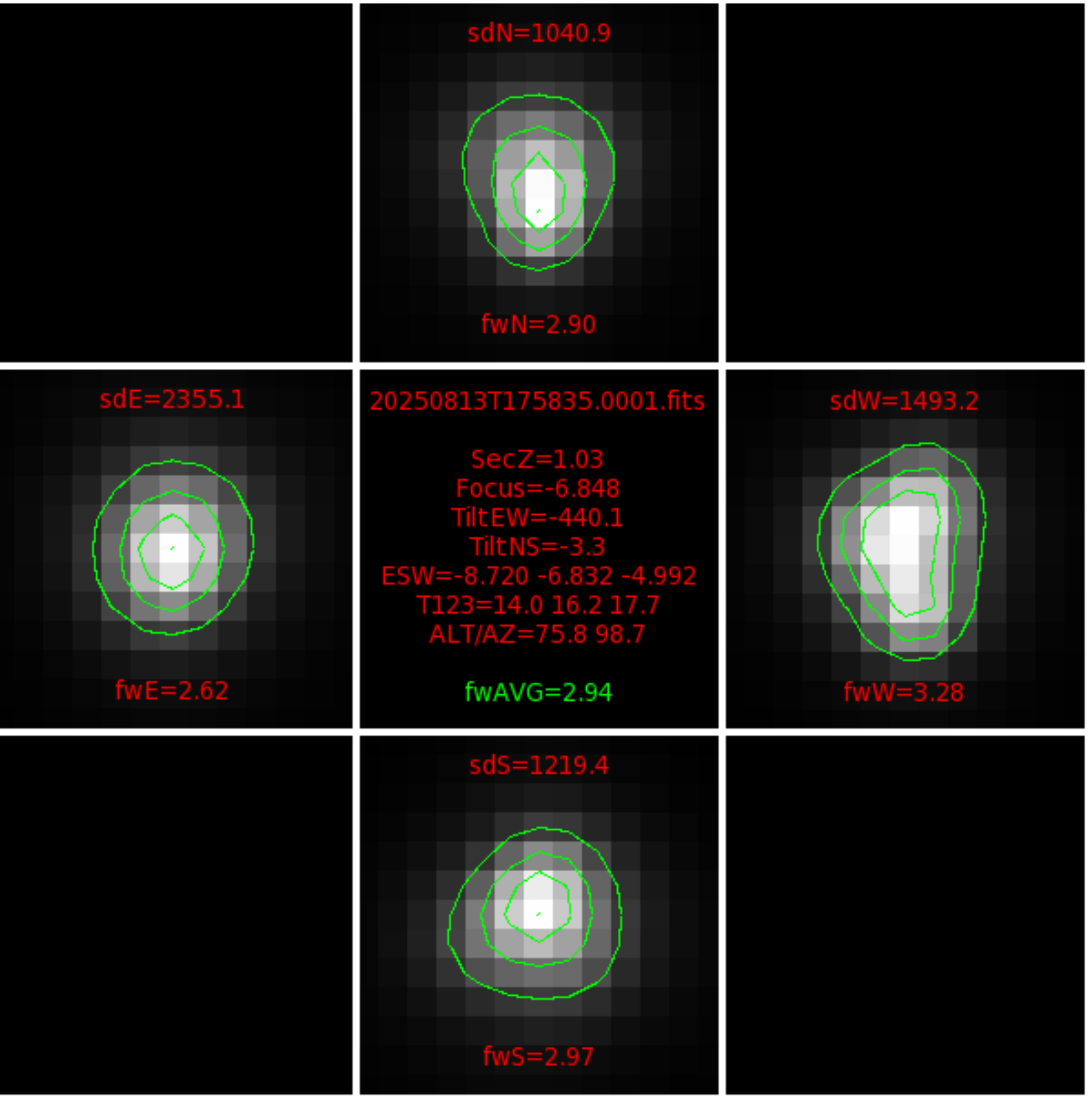
sdN=1040.9
fwN=2.90
sdE=2355.1
fwE=2.62
20250813T175835.0001.fits
SecZ=1.03
Focus=-6.848
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.720 -6.832 -4.992
T123=14.0 16.2 17.7
ALT/AZ=75.8 98.7
fwAVG=2.94
sdW=1493.2
fwW=3.28
sdS=1219.4
fwS=2.97
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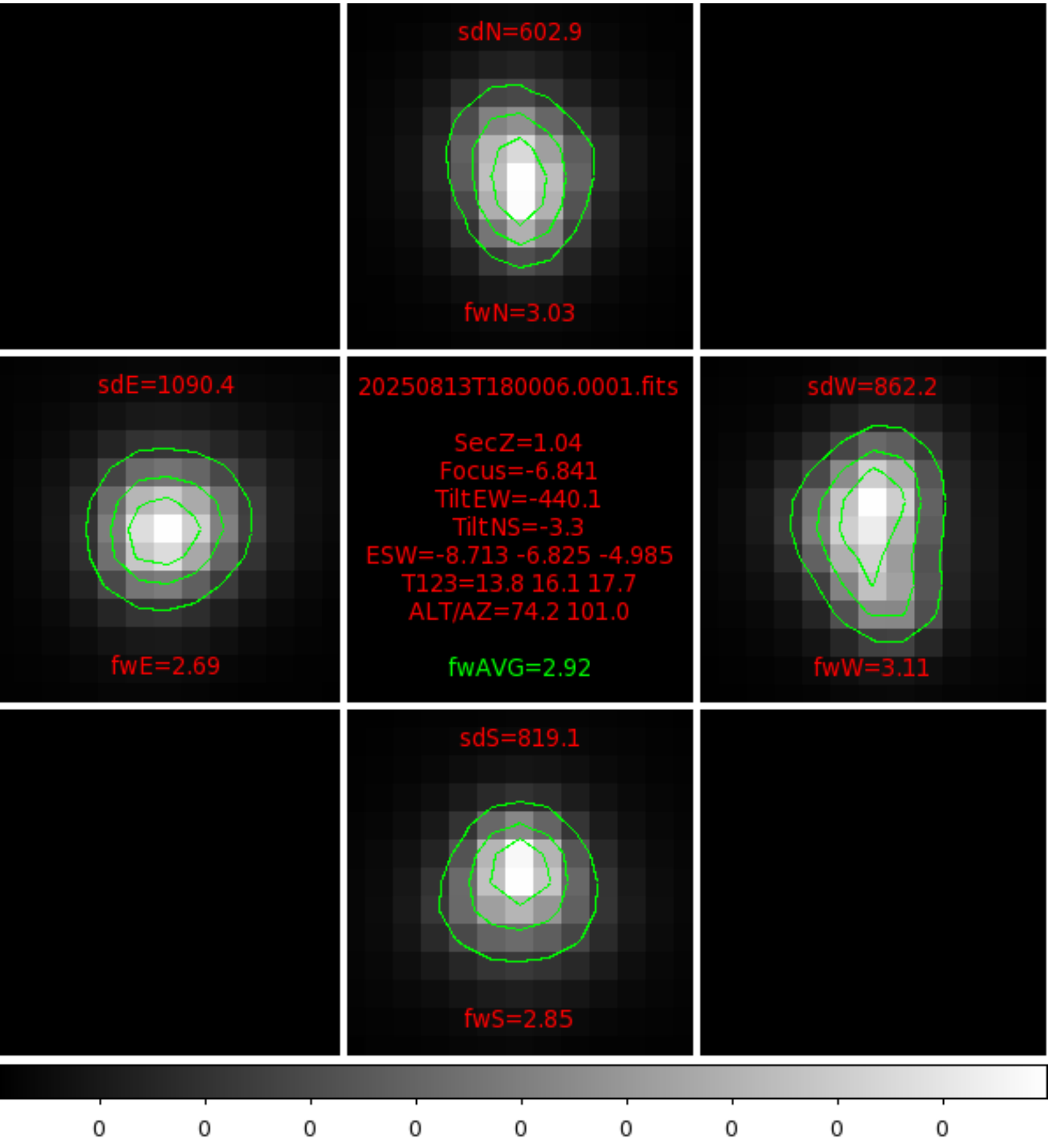
sdN=602.9
fwN=3.03
sdE=1090.4
fwE=2.69
20250813T180006.0001.fits
SecZ=1.04
Focus=-6.841
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.713 -6.825 -4.985
T123=13.8 16.1 17.7
ALT/AZ=74.2 101.0
fwAVG=2.92
sdW=862.2
fwW=3.11
sdS=819.1
fwS=2.85
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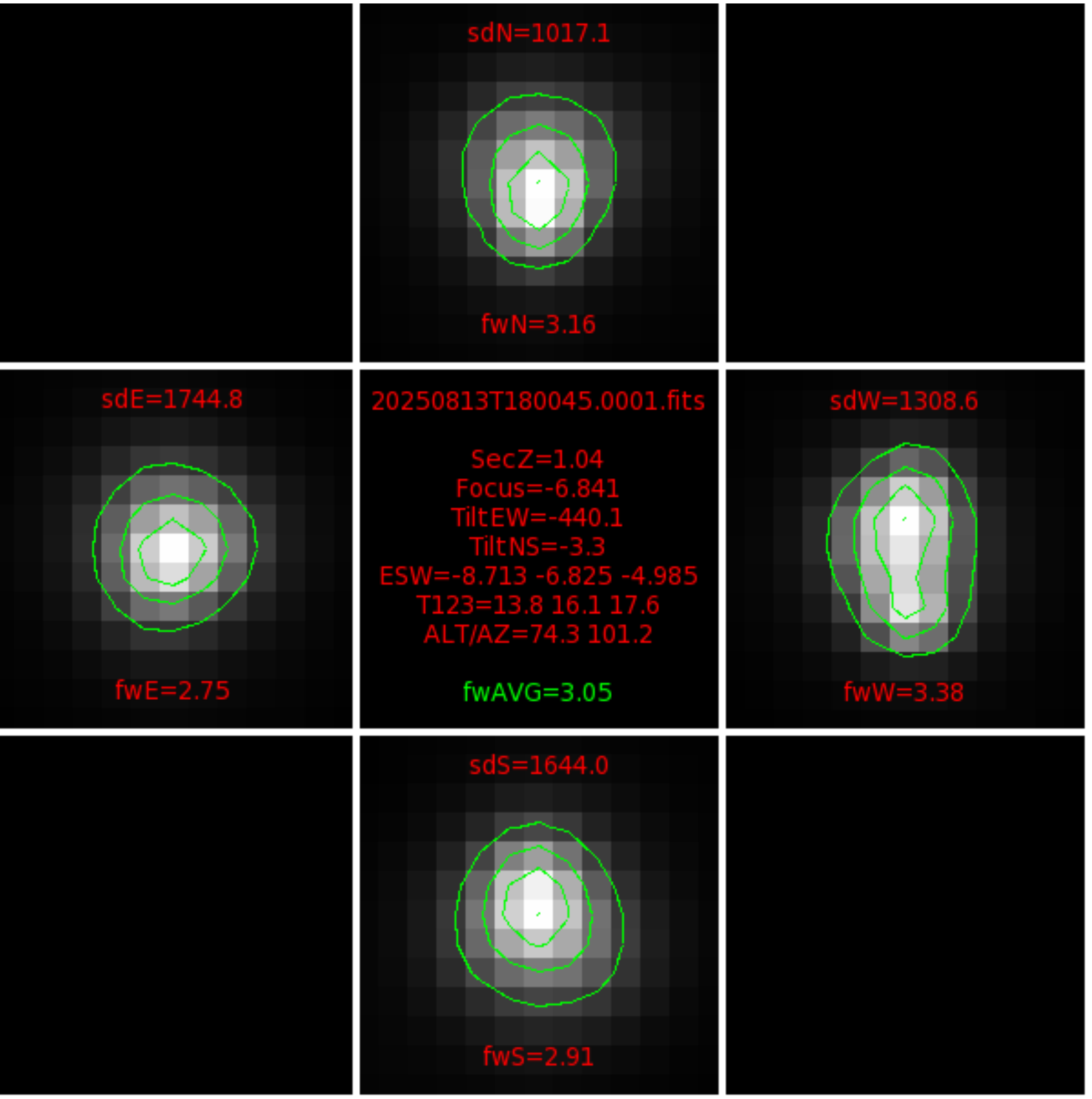
sdN=1017.1
fwN=3.16
sdE=1744.8
fwE=2.75
20250813T180045.0001.fits
SecZ=1.04
Focus=-6.841
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.713 -6.825 -4.985
T123=13.8 16.1 17.6
ALT/AZ=74.3 101.2
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sdW=1308.6
fwW=3.38
sdS=1644.0
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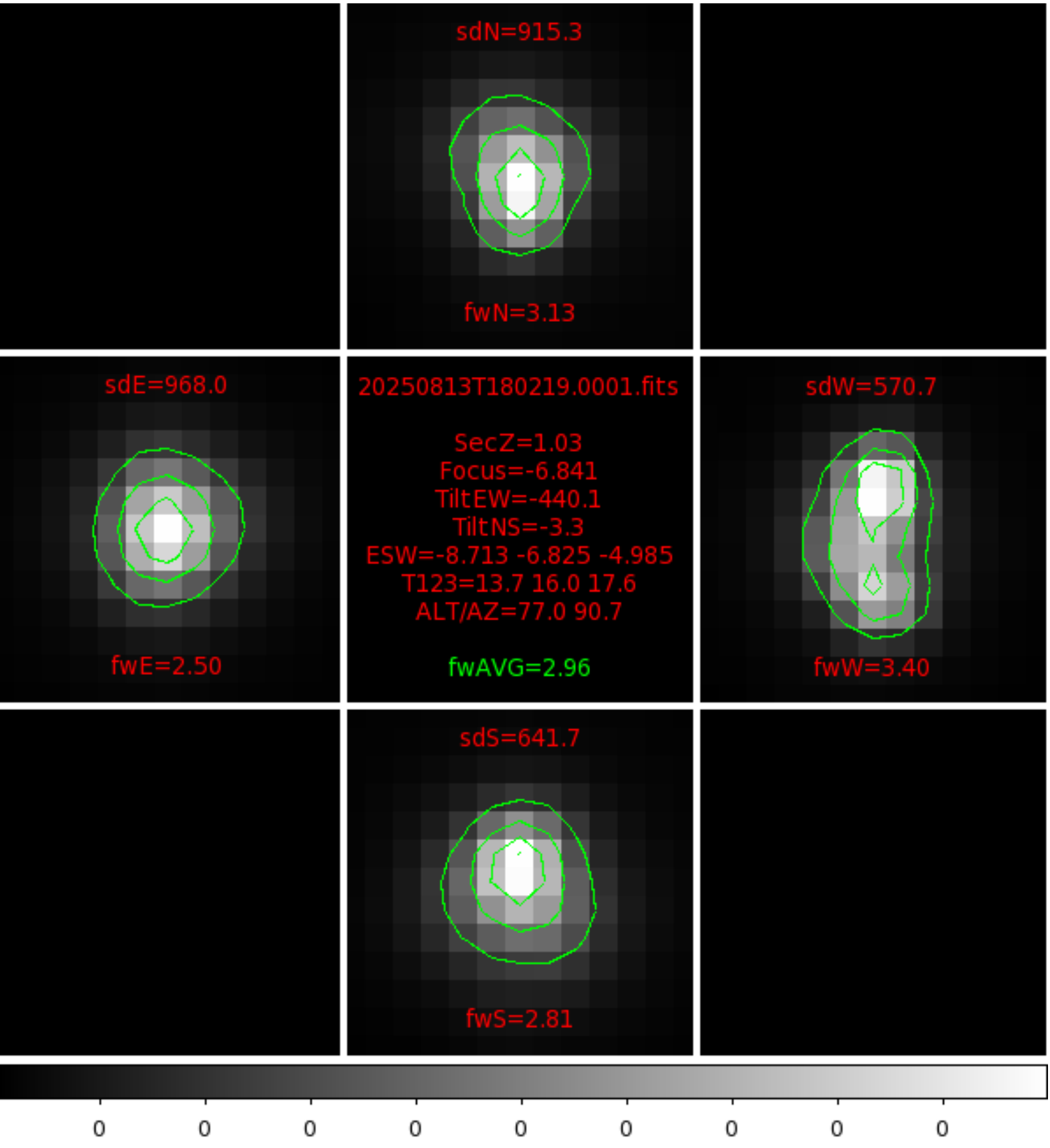
sdN=915.3
fwN=3.13
sdE=968.0
fwE=2.50
20250813T180219.0001.fits
SecZ=1.03
Focus=-6.841
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.713 -6.825 -4.985
T123=13.7 16.0 17.6
ALT/AZ=77.0 90.7
fwAVG=2.96
sdW=570.7
fwW=3.40
sdS=641.7
fwS=2.81
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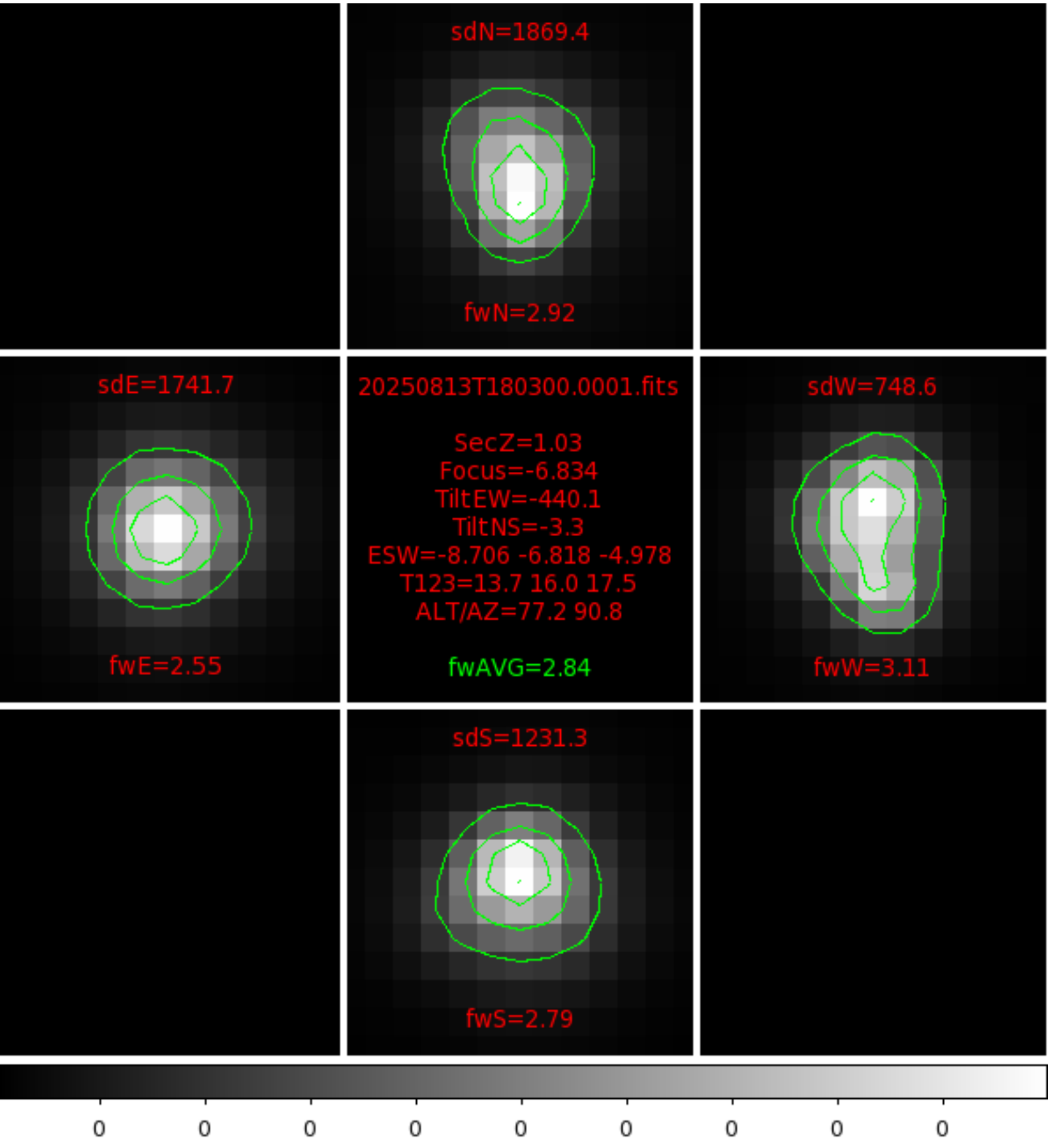
sdN=1869.4
fwN=2.92
sdE=1741.7
fwE=2.55
20250813T180300.0001.fits
SecZ=1.03
Focus=-6.834
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.706 -6.818 -4.978
T123=13.7 16.0 17.5
ALT/AZ=77.2 90.8
fwAVG=2.84
sdW=748.6
fwW=3.11
sdS=1231.3
fwS=2.79
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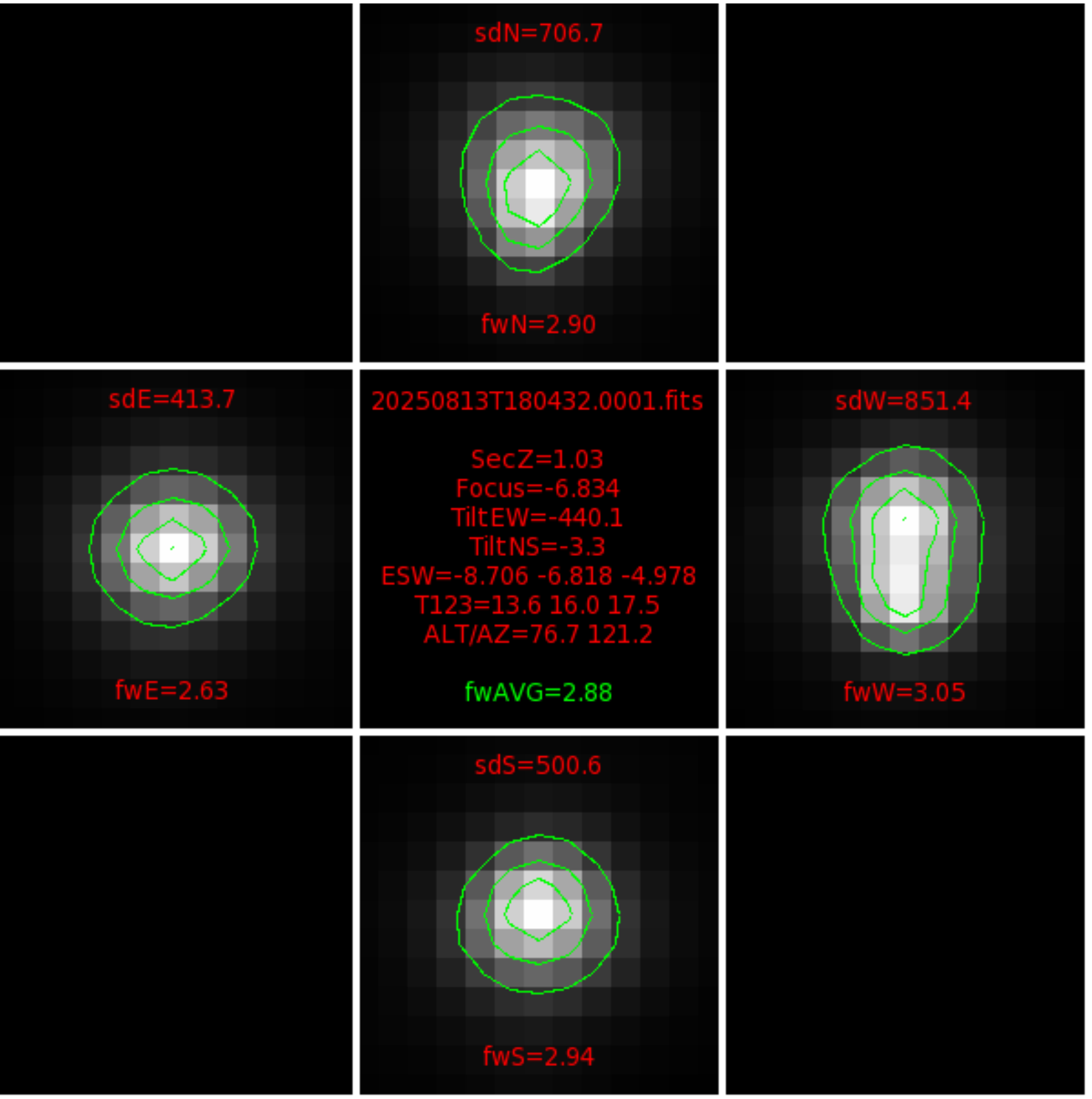
sdN=706.7
fwN=2.90
sdE=413.7
fwE=2.63
20250813T180432.0001.fits
SecZ=1.03
Focus=-6.834
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.706 -6.818 -4.978
T123=13.6 16.0 17.5
ALT/AZ=76.7 121.2
fwAVG=2.88
sdW=851.4
fwW=3.05
sdS=500.6
fwS=2.94
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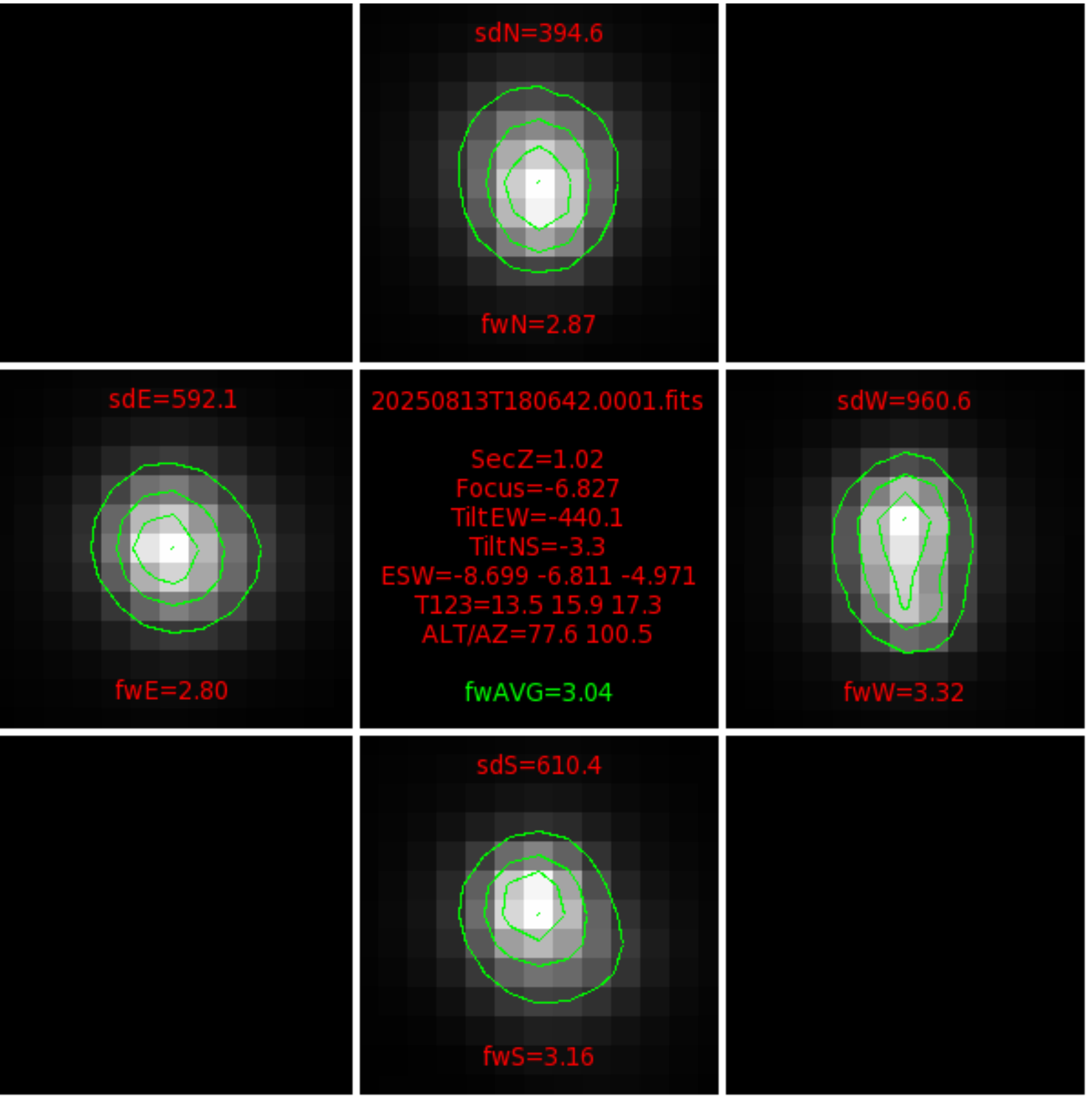
sdN=394.6
fwN=2.87
sdE=592.1
fwE=2.80
20250813T180642.0001.fits
SecZ=1.02
Focus=-6.827
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.699 -6.811 -4.971
T123=13.5 15.9 17.3
ALT/AZ=77.6 100.5
fwAVG=3.04
sdW=960.6
fwW=3.32
sdS=610.4
fwS=3.16
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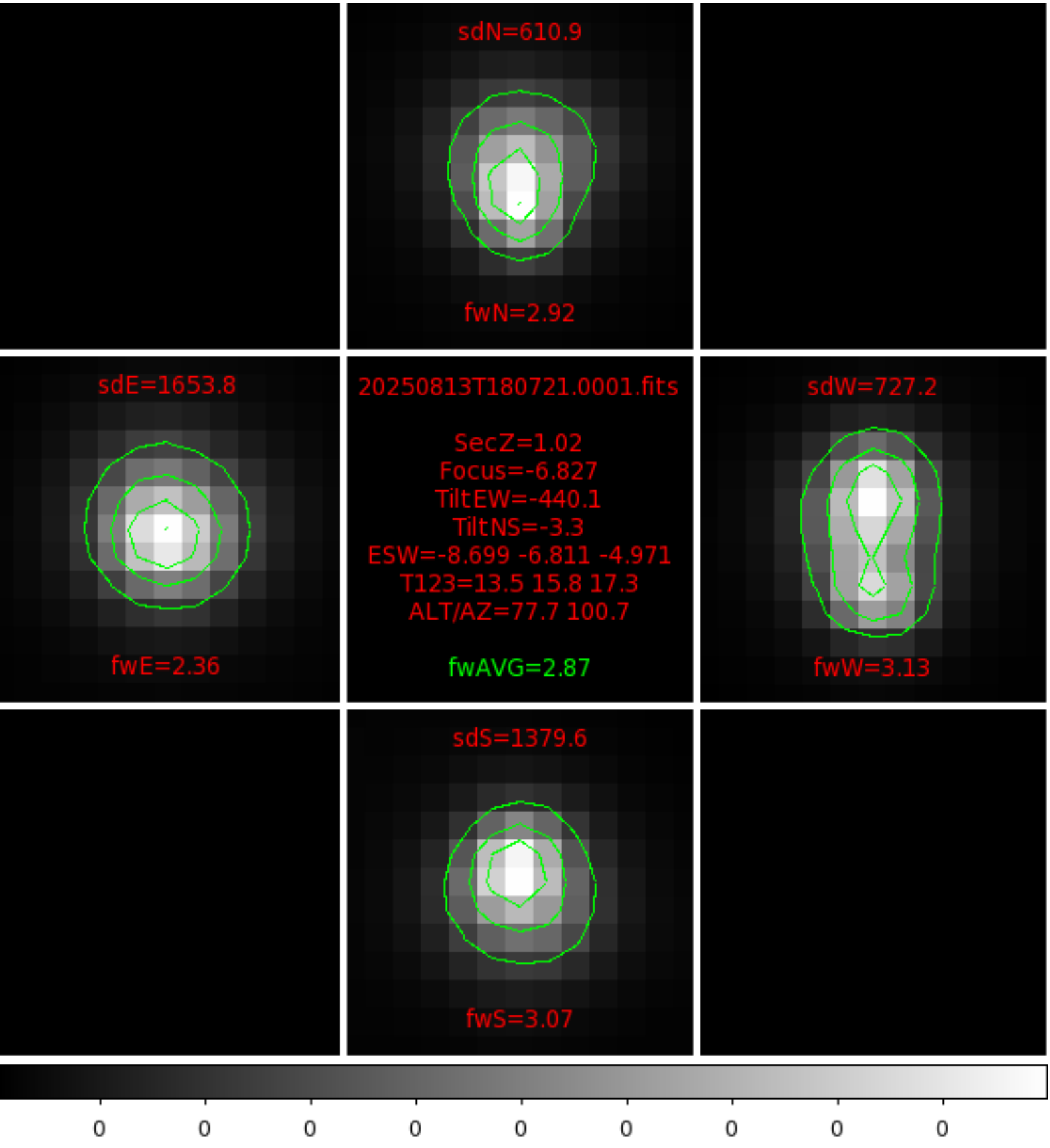
sdN=610.9
fwN=2.92
sdE=1653.8
fwE=2.36
20250813T180721.0001.fits
SecZ=1.02
Focus=-6.827
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.699 -6.811 -4.971
T123=13.5 15.8 17.3
ALT/AZ=77.7 100.7
fwAVG=2.87
sdW=727.2
fwW=3.13
sdS=1379.6
fwS=3.07
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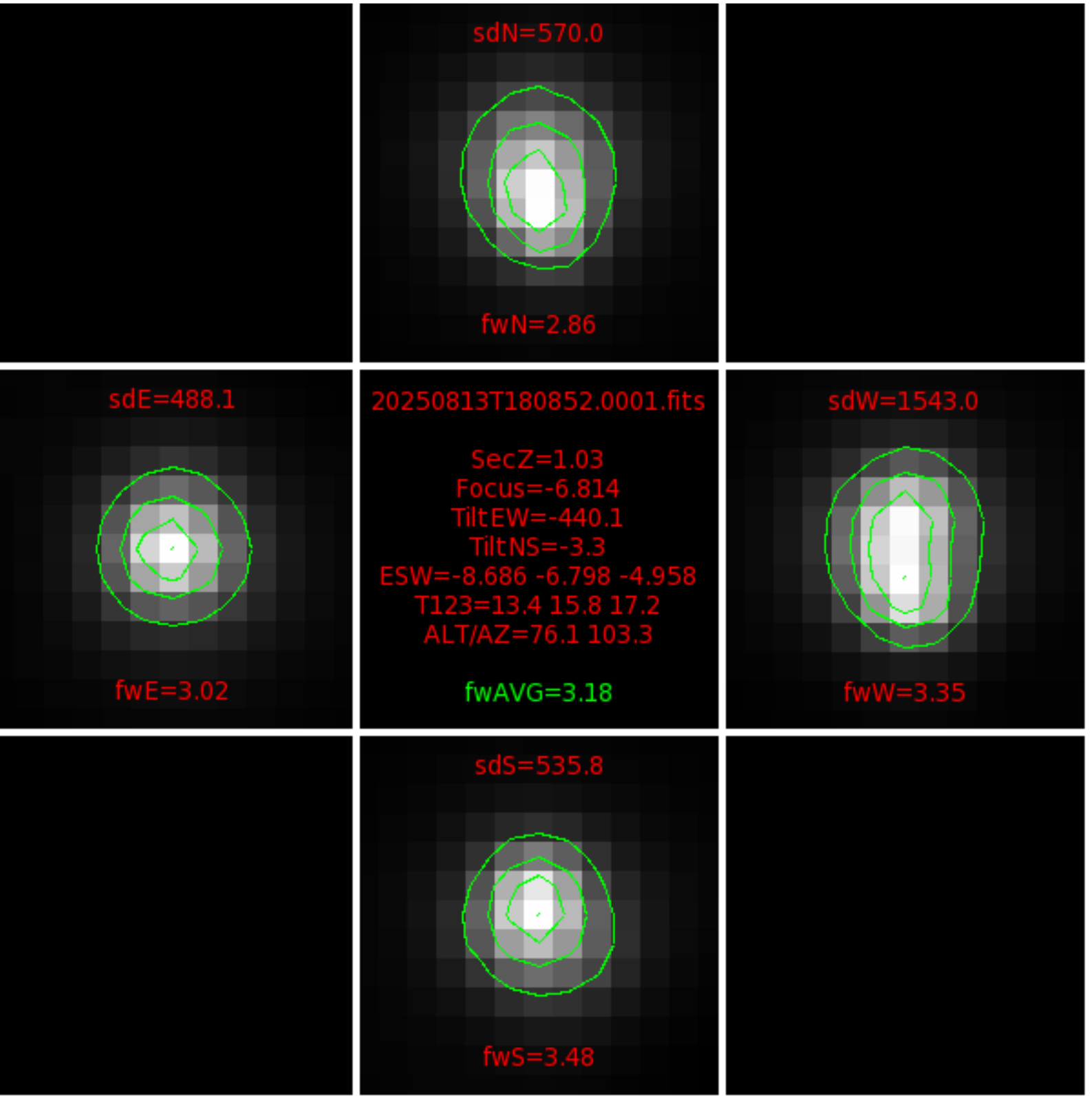
sdN=570.0
fwN=2.86
sdE=488.1
fwE=3.02
20250813T180852.0001.fits
SecZ=1.03
Focus=-6.814
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.686 -6.798 -4.958
T123=13.4 15.8 17.2
ALT/AZ=76.1 103.3
fwAVG=3.18
sdW=1543.0
fwW=3.35
sdS=535.8
fwS=3.48
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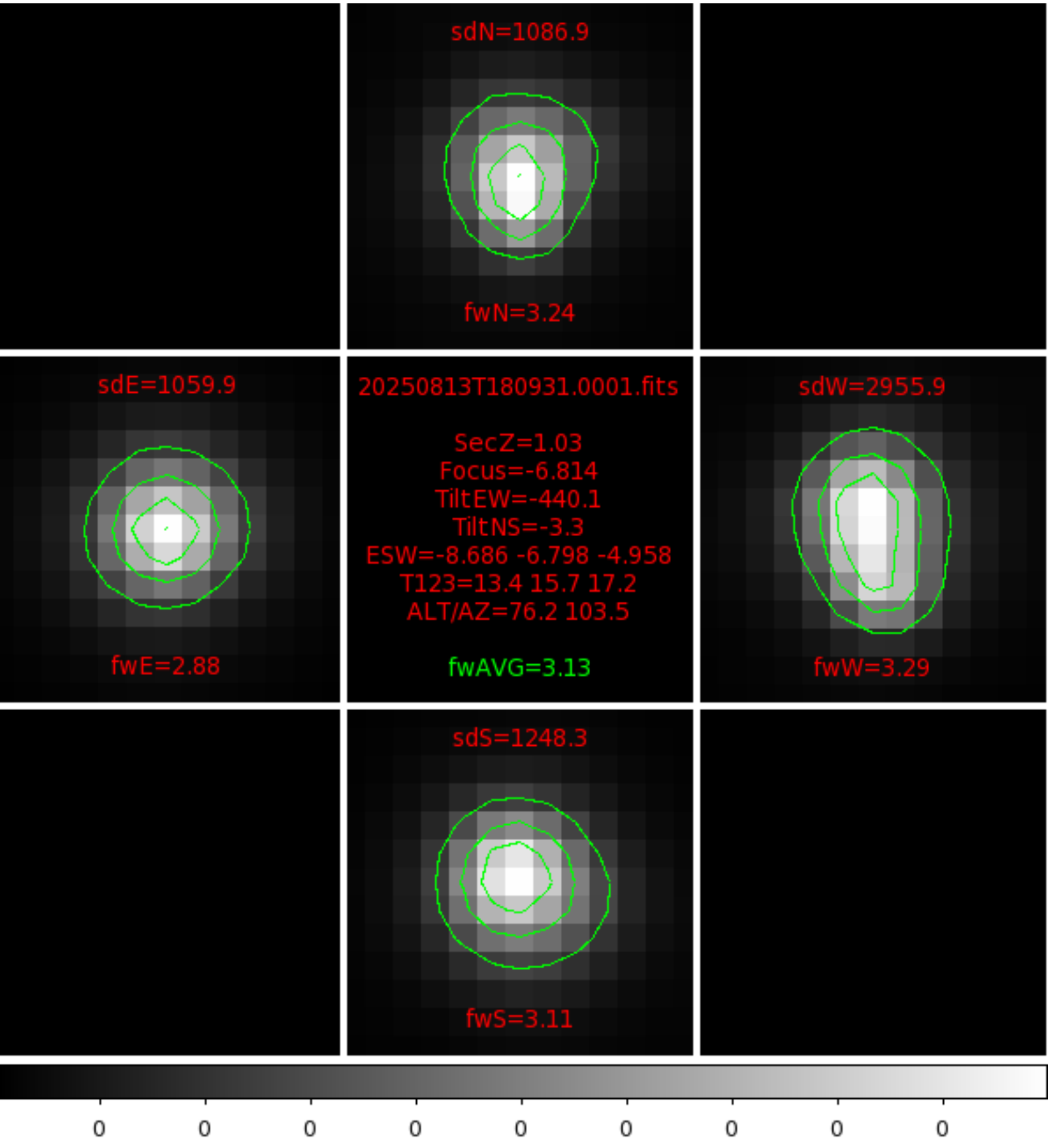
sdN=1086.9
fwN=3.24
sdE=1059.9
fwE=2.88
20250813T180931.0001.fits
SecZ=1.03
Focus=-6.814
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.686 -6.798 -4.958
T123=13.4 15.7 17.2
ALT/AZ=76.2 103.5
fwAVG=3.13
sdW=2955.9
fwW=3.29
sdS=1248.3
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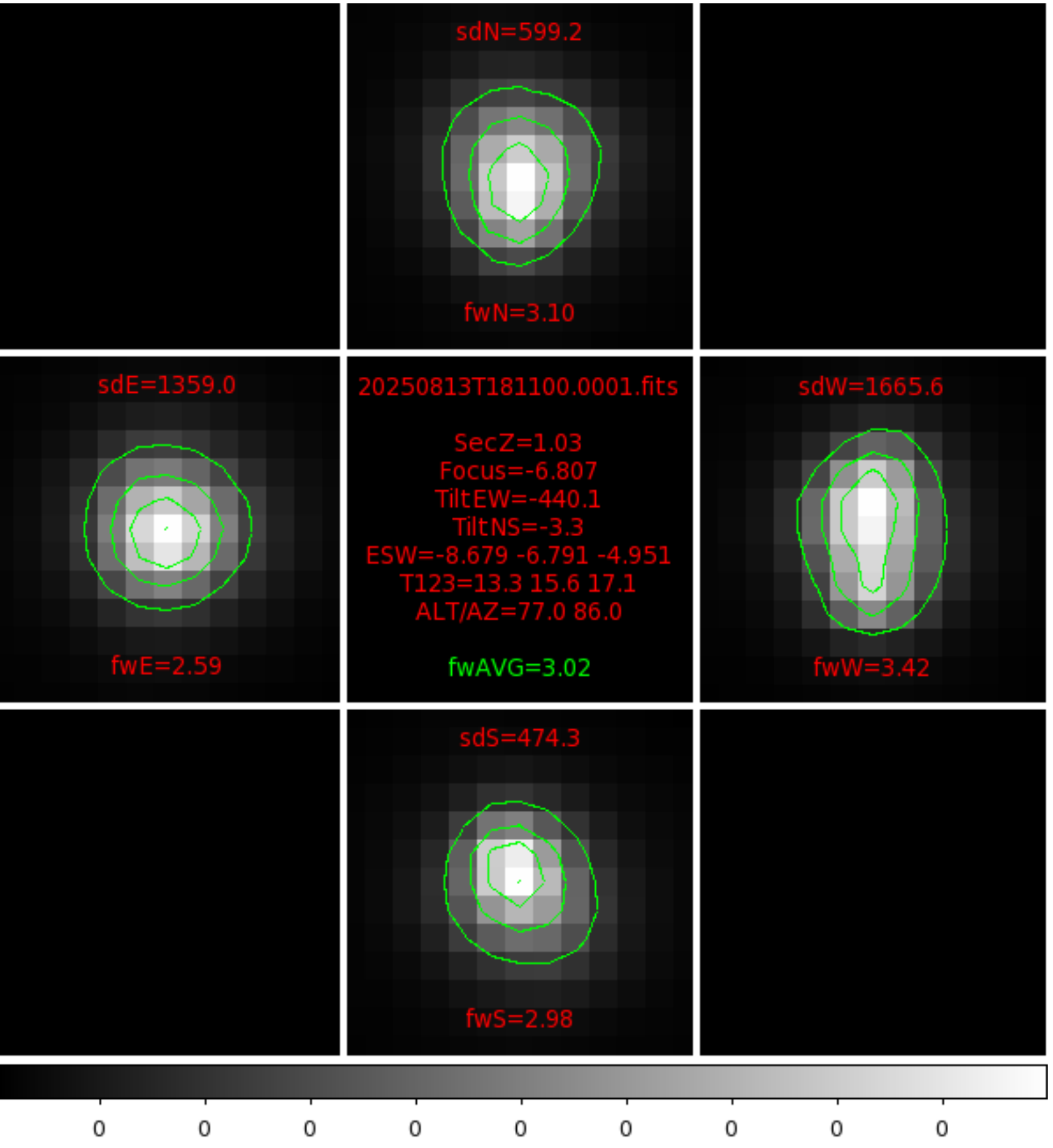
sdN=599.2
fwN=3.10
sdE=1359.0
fwE=2.59
20250813T181100.0001.fits
SecZ=1.03
Focus=-6.807
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.679 -6.791 -4.951
T123=13.3 15.6 17.1
ALT/AZ=77.0 86.0
fwAVG=3.02
sdW=1665.6
fwW=3.42
sdS=474.3
fwS=2.98
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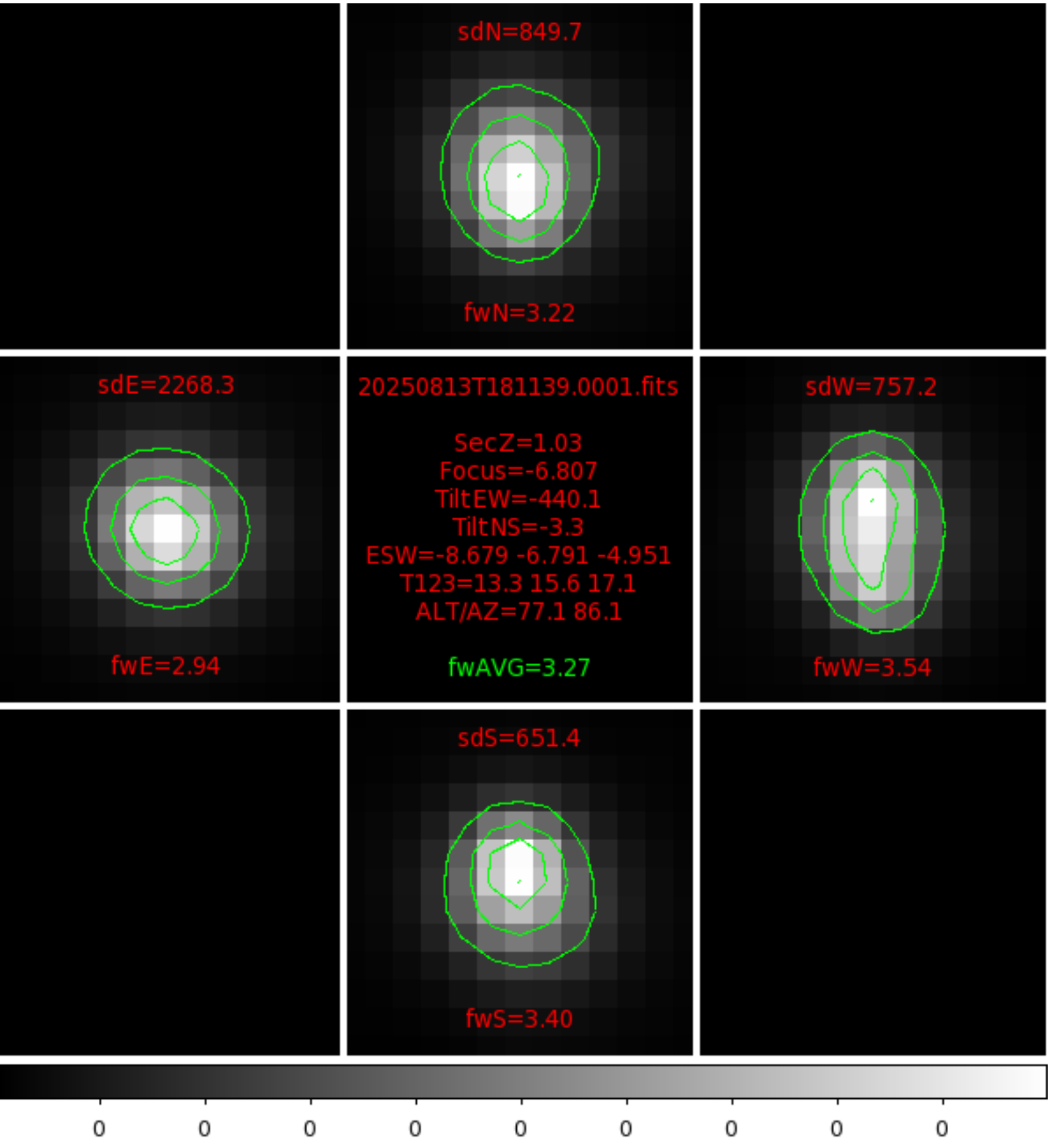
sdN=849.7
fwN=3.22
sdE=2268.3
fwE=2.94
20250813T181139.0001.fits
SecZ=1.03
Focus=-6.807
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.679 -6.791 -4.951
T123=13.3 15.6 17.1
ALT/AZ=77.1 86.1
fwAVG=3.27
sdW=757.2
fwW=3.54
sdS=651.4
fwS=3.40
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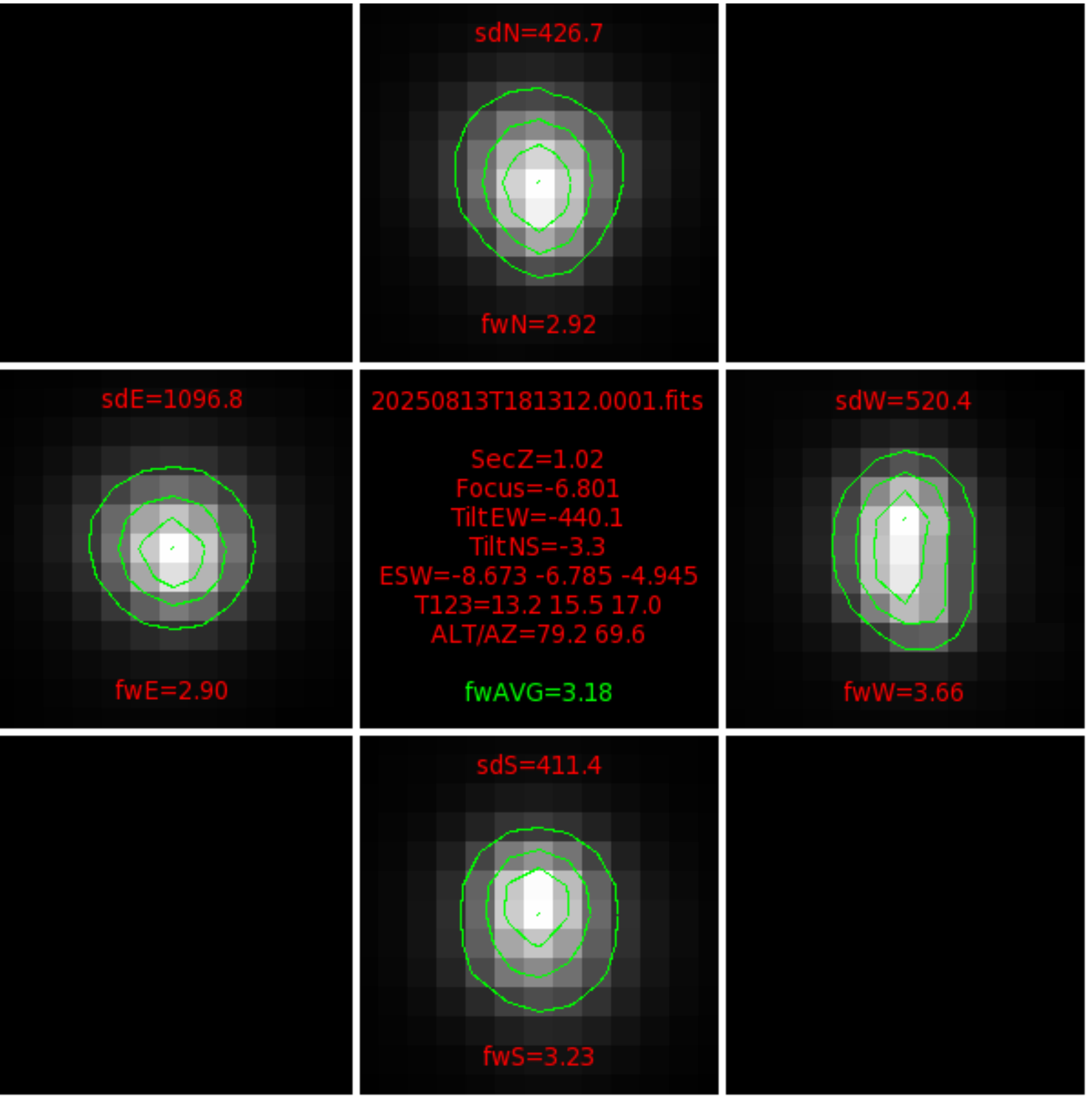
sdN=426.7
fwN=2.92
sdE=1096.8
fwE=2.90
20250813T181312.0001.fits
SecZ=1.02
Focus=-6.801
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.673 -6.785 -4.945
T123=13.2 15.5 17.0
ALT/AZ=79.2 69.6
fwAVG=3.18
sdW=520.4
fwW=3.66
sdS=411.4
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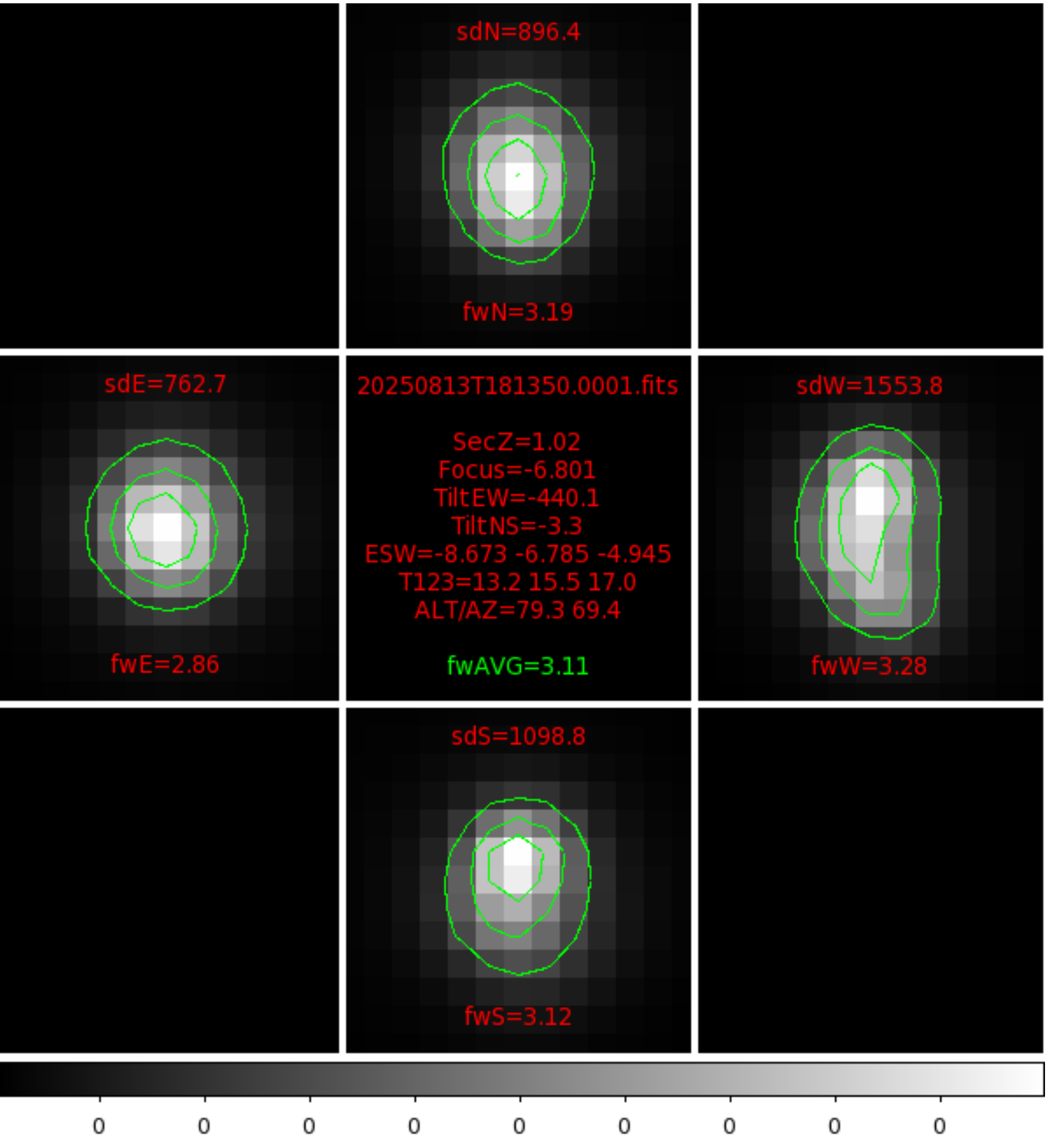
sdN=896.4
fwN=3.19
sdE=762.7
fwE=2.86
20250813T181350.0001.fits
SecZ=1.02
Focus=-6.801
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.673 -6.785 -4.945
T123=13.2 15.5 17.0
ALT/AZ=79.3 69.4
fwAVG=3.11
sdW=1553.8
fwW=3.28
sdS=1098.8
fwS=3.12
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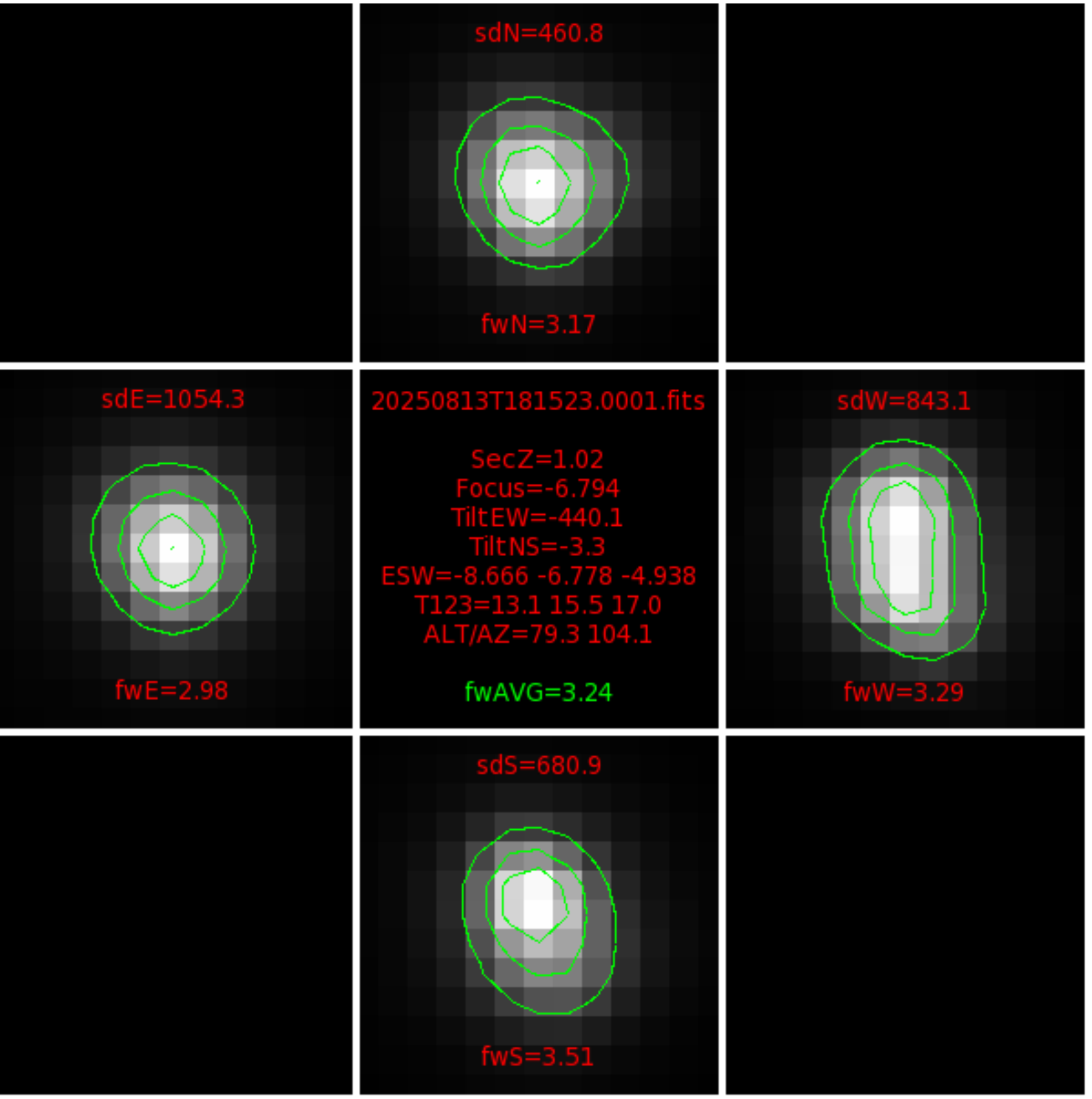
sdN=460.8
fwN=3.17
sdE=1054.3
fwE=2.98
20250813T181523.0001.fits
SecZ=1.02
Focus=-6.794
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.666 -6.778 -4.938
T123=13.1 15.5 17.0
ALT/AZ=79.3 104.1
fwAVG=3.24
sdW=843.1
fwW=3.29
sdS=680.9
fwS=3.51
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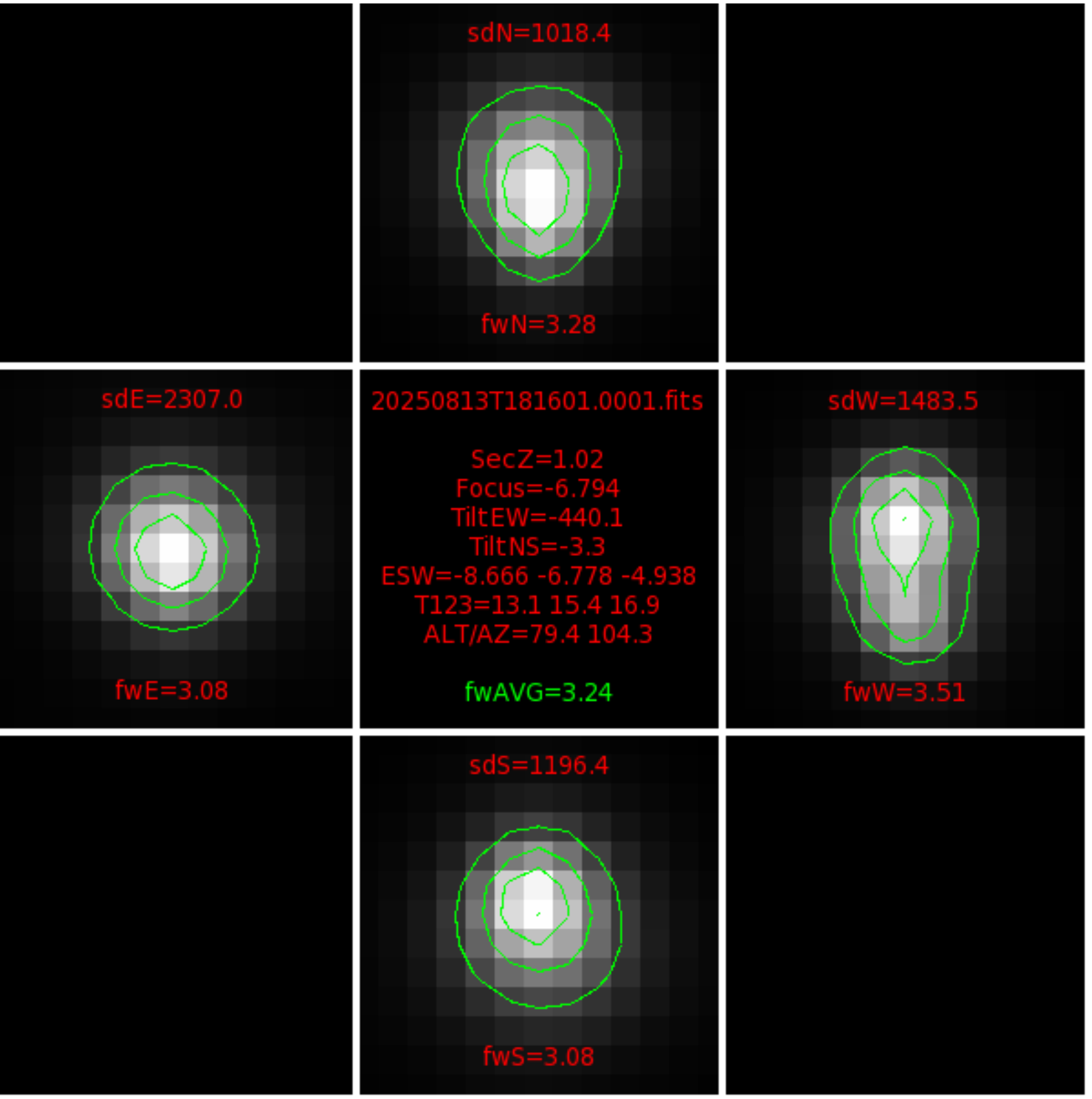
sdN=1018.4
fwN=3.28
sdE=2307.0
fwE=3.08
20250813T181601.0001.fits
SecZ=1.02
Focus=-6.794
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.666 -6.778 -4.938
T123=13.1 15.4 16.9
ALT/AZ=79.4 104.3
fwAVG=3.24
sdW=1483.5
fwW=3.51
sdS=1196.4
fwS=3.08
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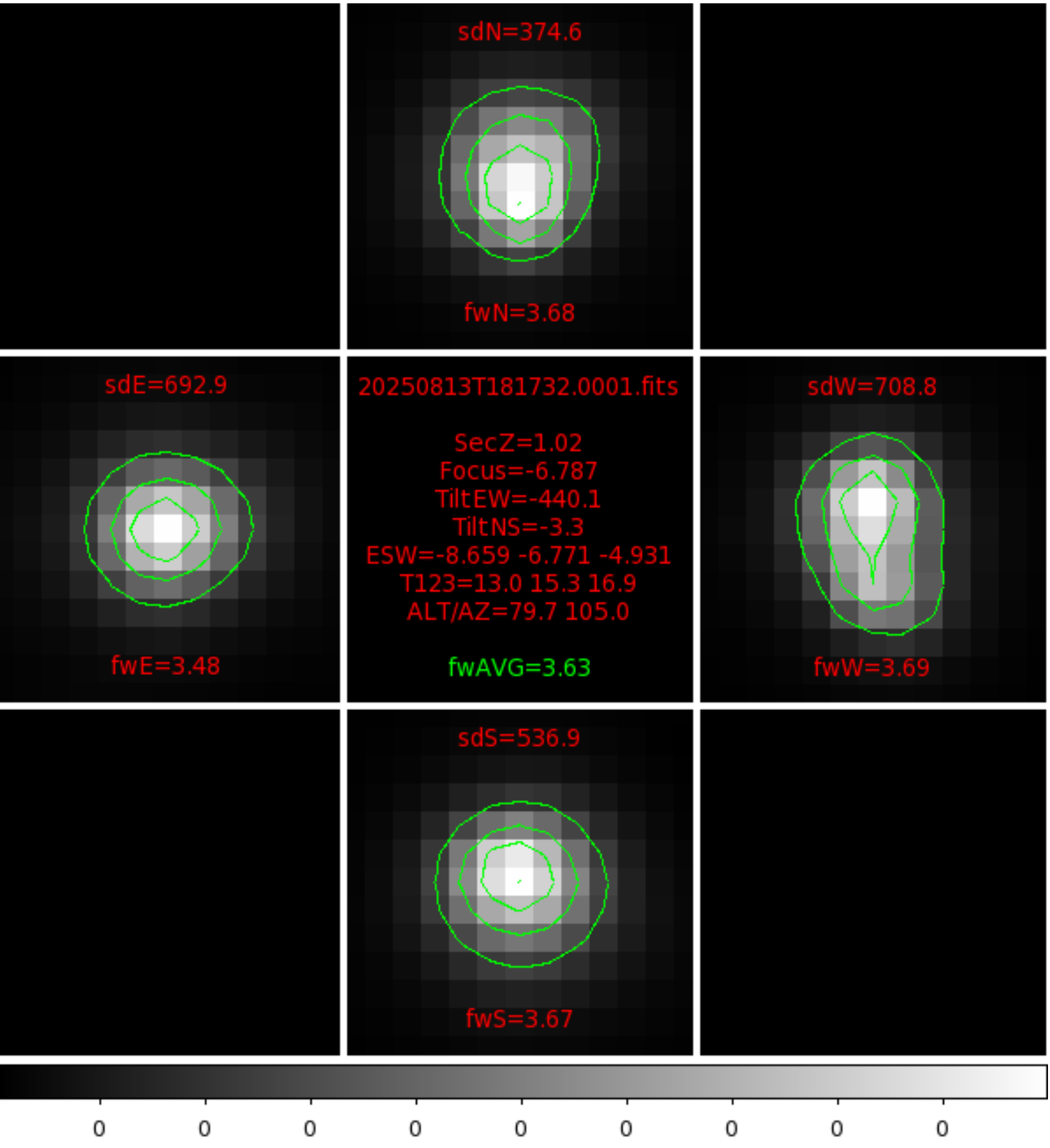
sdN=374.6
fwN=3.68
sdE=692.9
fwE=3.48
20250813T181732.0001.fits
SecZ=1.02
Focus=-6.787
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.659 -6.771 -4.931
T123=13.0 15.3 16.9
ALT/AZ=79.7 105.0
fwAVG=3.63
sdW=708.8
fwW=3.69
sdS=536.9
fwS=3.67
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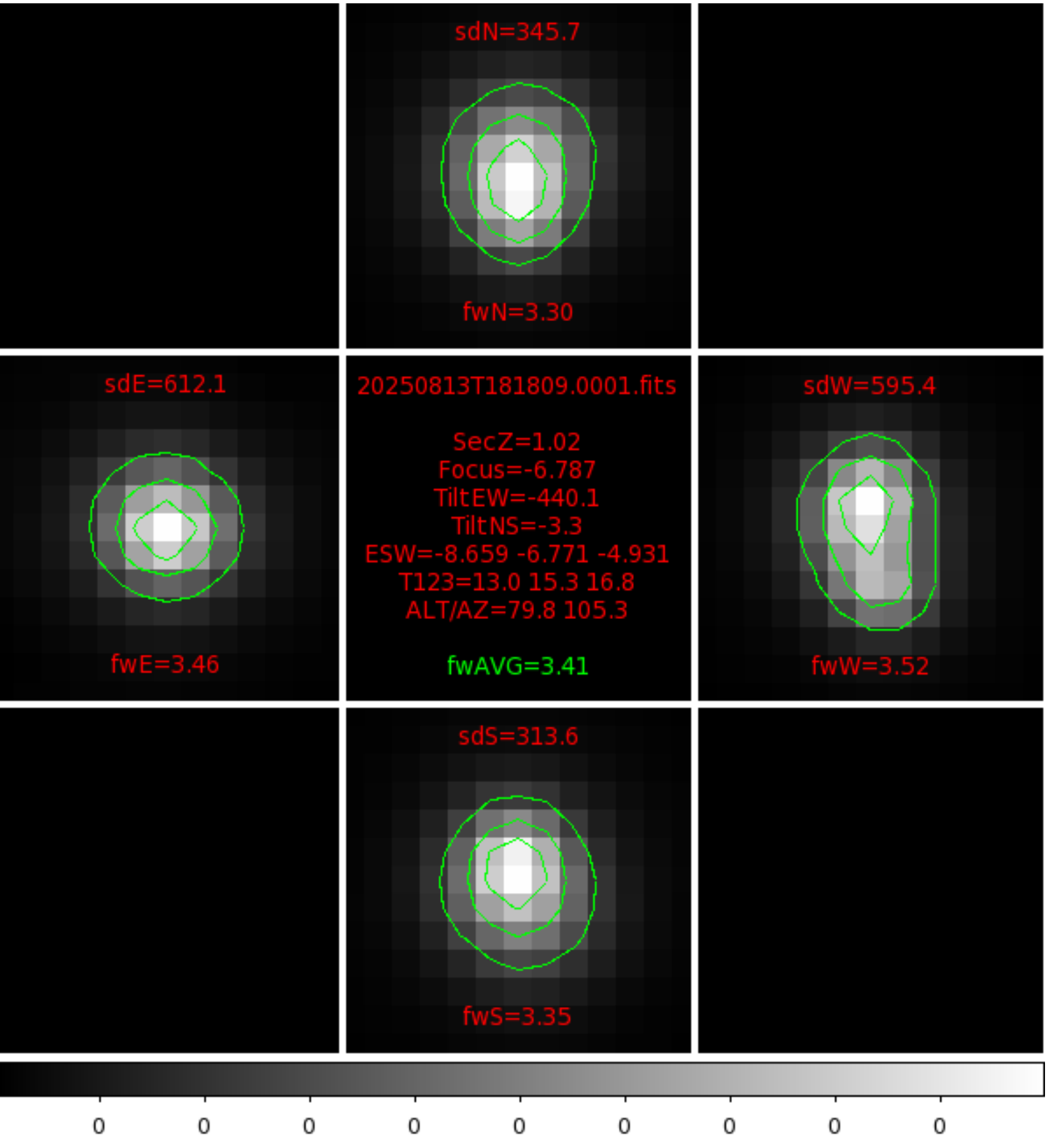
sdN=345.7
fwN=3.30
sdE=612.1
fwE=3.46
20250813T181809.0001.fits
SecZ=1.02
Focus=-6.787
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.659 -6.771 -4.931
T123=13.0 15.3 16.8
ALT/AZ=79.8 105.3
fwAVG=3.41
sdW=595.4
fwW=3.52
sdS=313.6
fwS=3.35
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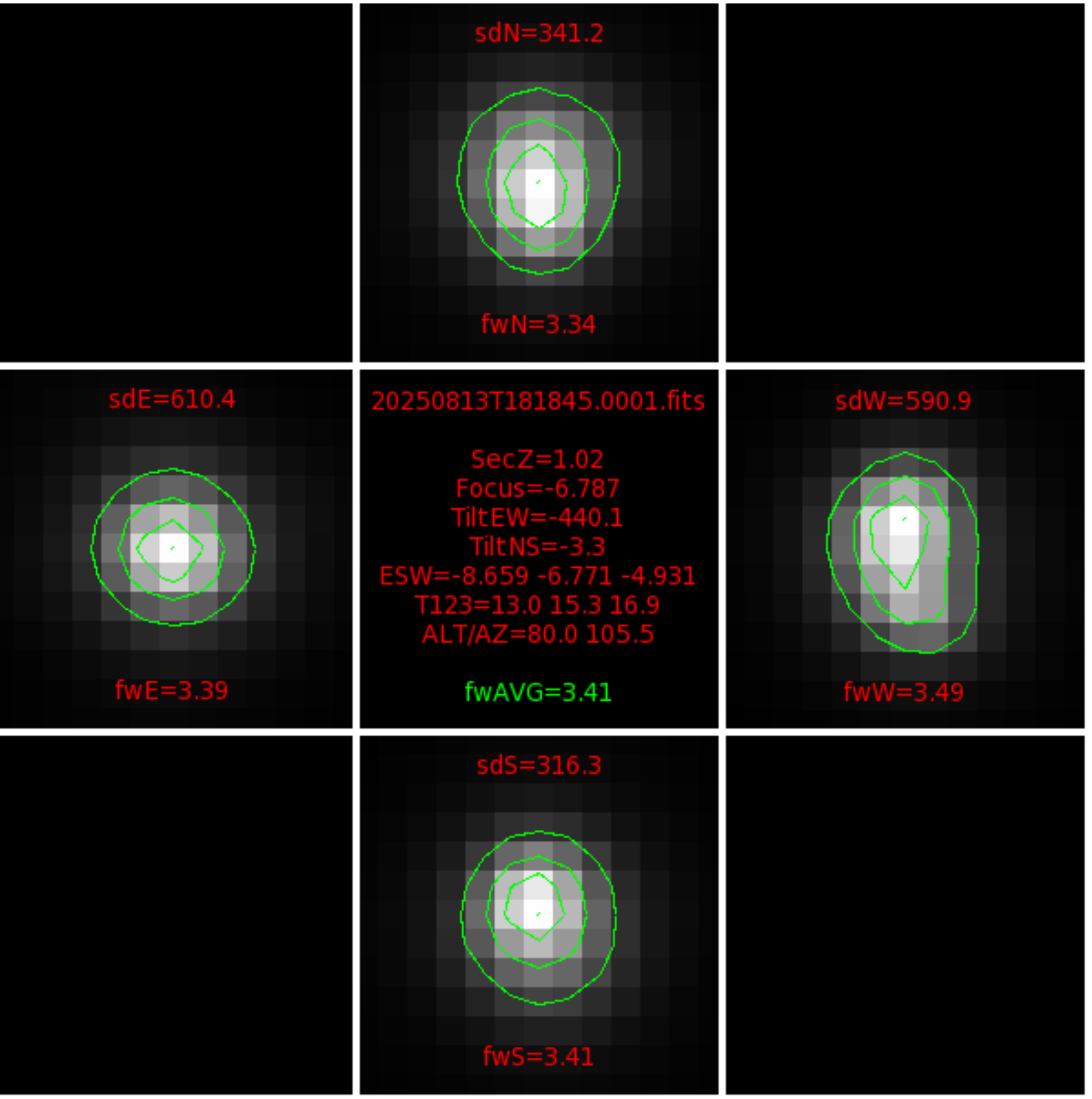
sdN=341.2
fwN=3.34
sdE=610.4
fwE=3.39
20250813T181845.0001.fits
SecZ=1.02
Focus=-6.787
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.659 -6.771 -4.931
T123=13.0 15.3 16.9
ALT/AZ=80.0 105.5
fwAVG=3.41
sdW=590.9
fwW=3.49
sdS=316.3
fwS=3.41
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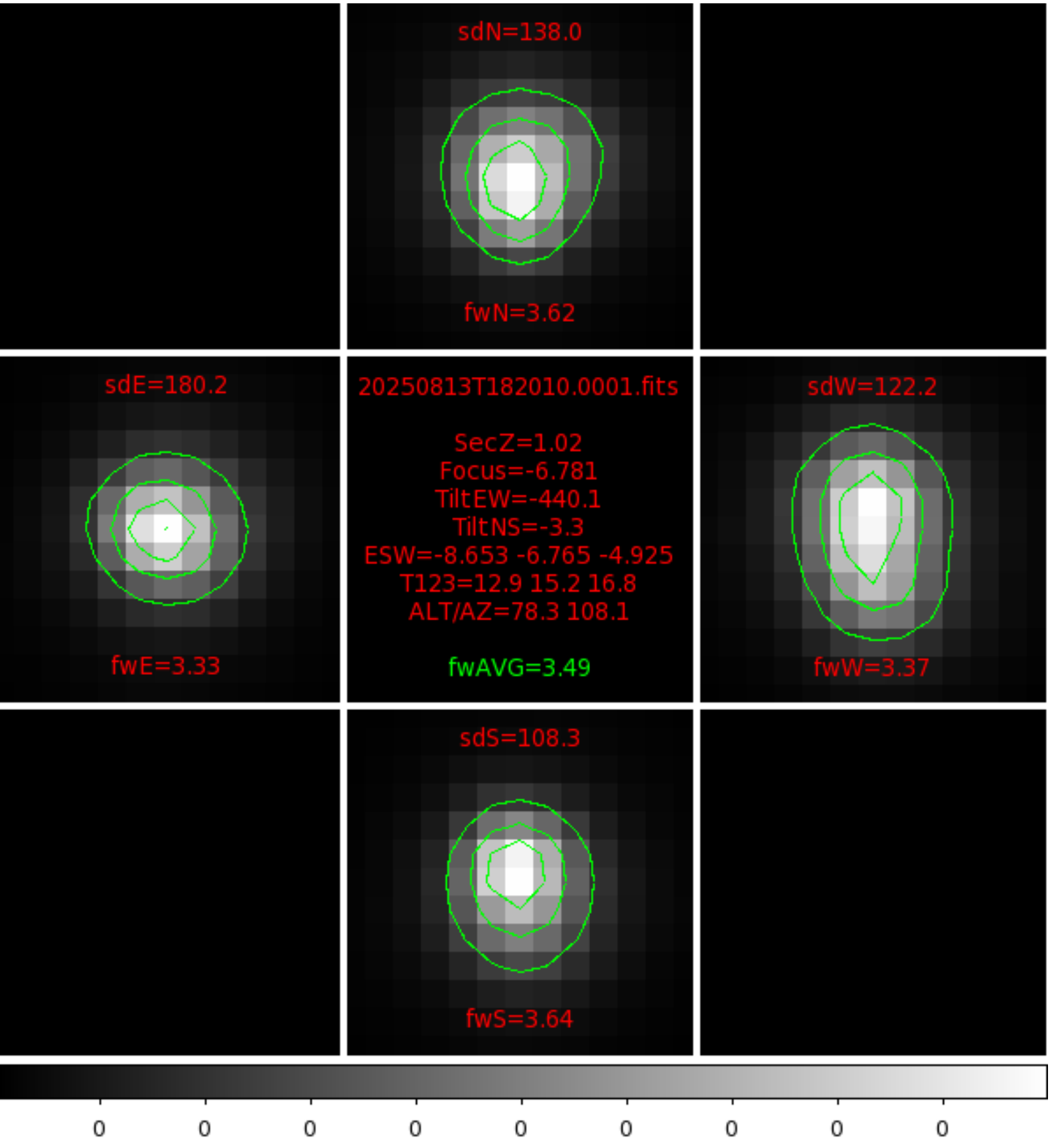
sdN=138.0
fwN=3.62
sdE=180.2
fwE=3.33
20250813T182010.0001.fits
SecZ=1.02
Focus=-6.781
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.653 -6.765 -4.925
T123=12.9 15.2 16.8
ALT/AZ=78.3 108.1
fwAVG=3.49
sdW=122.2
fwW=3.37
sdS=108.3
fwS=3.64
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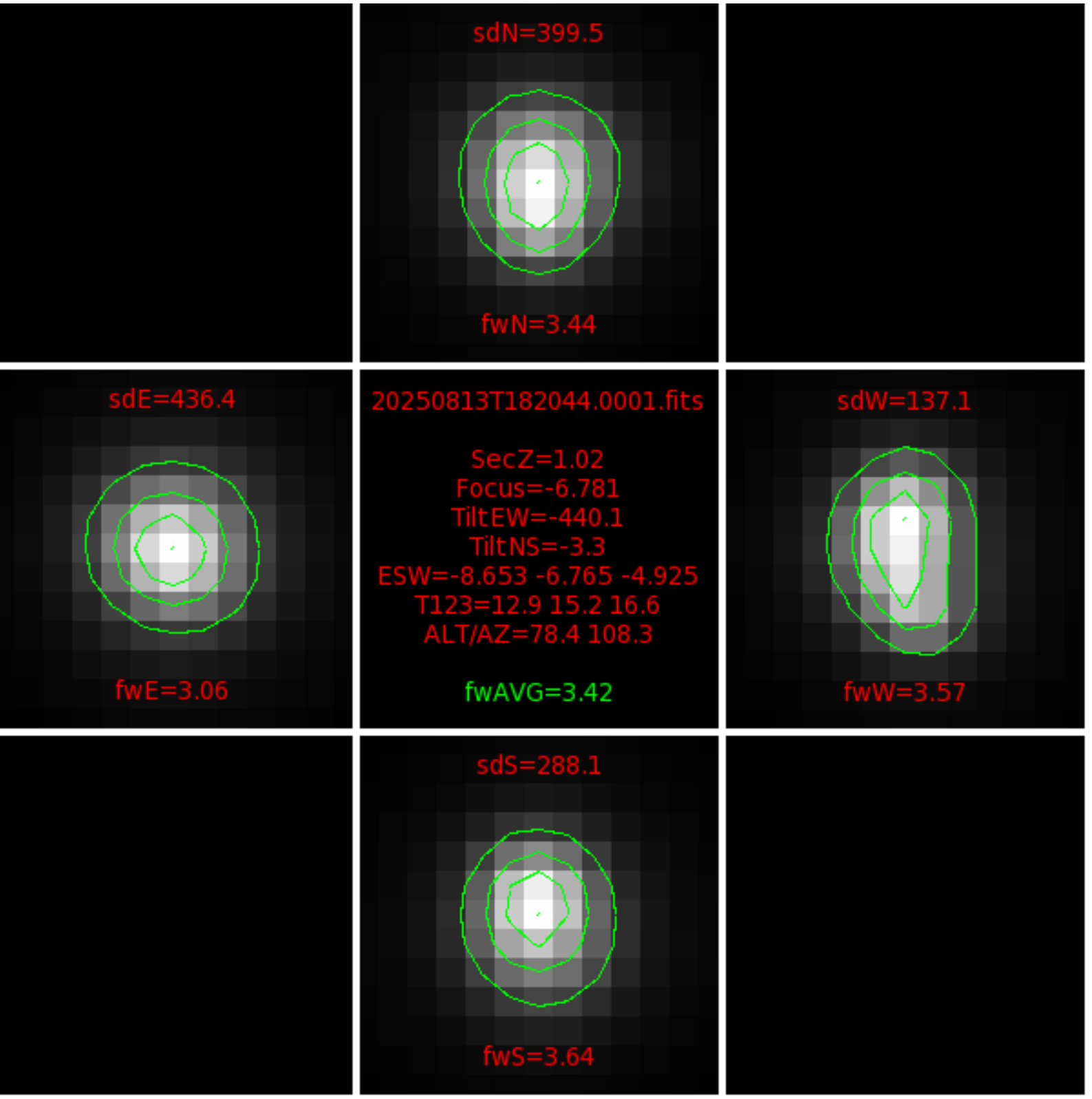
sdN=399.5
fwN=3.44
sdE=436.4
fwE=3.06
20250813T182044.0001.fits
SecZ=1.02
Focus=-6.781
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.653 -6.765 -4.925
T123=12.9 15.2 16.6
ALT/AZ=78.4 108.3
fwAVG=3.42
sdW=137.1
fwW=3.57
sdS=288.1
fwS=3.64
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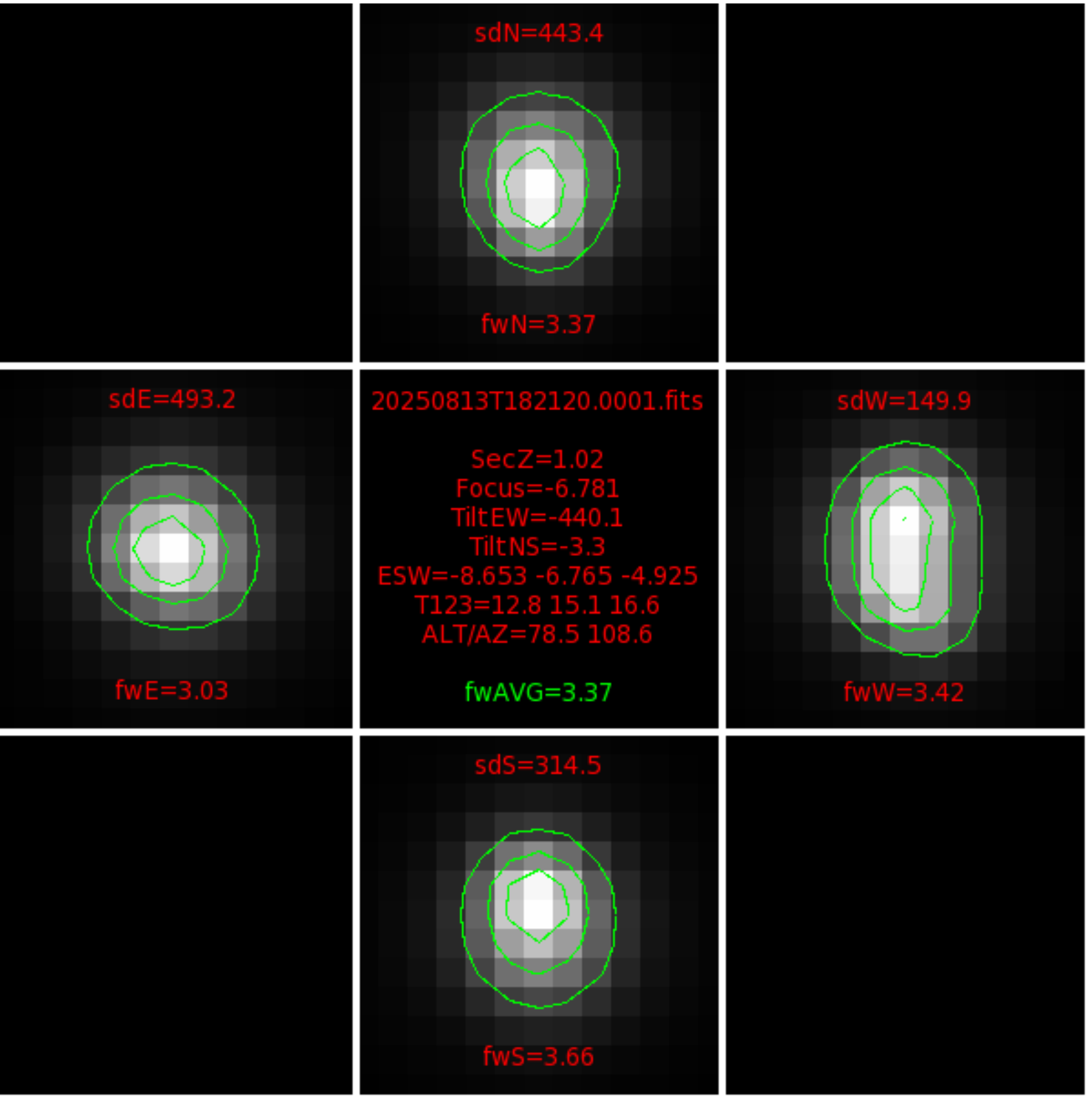
sdN=443.4
fwN=3.37
sdE=493.2
fwE=3.03
20250813T182120.0001.fits
SecZ=1.02
Focus=-6.781
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.653 -6.765 -4.925
T123=12.8 15.1 16.6
ALT/AZ=78.5 108.6
fwAVG=3.37
sdW=149.9
fwW=3.42
sdS=314.5
fwS=3.66
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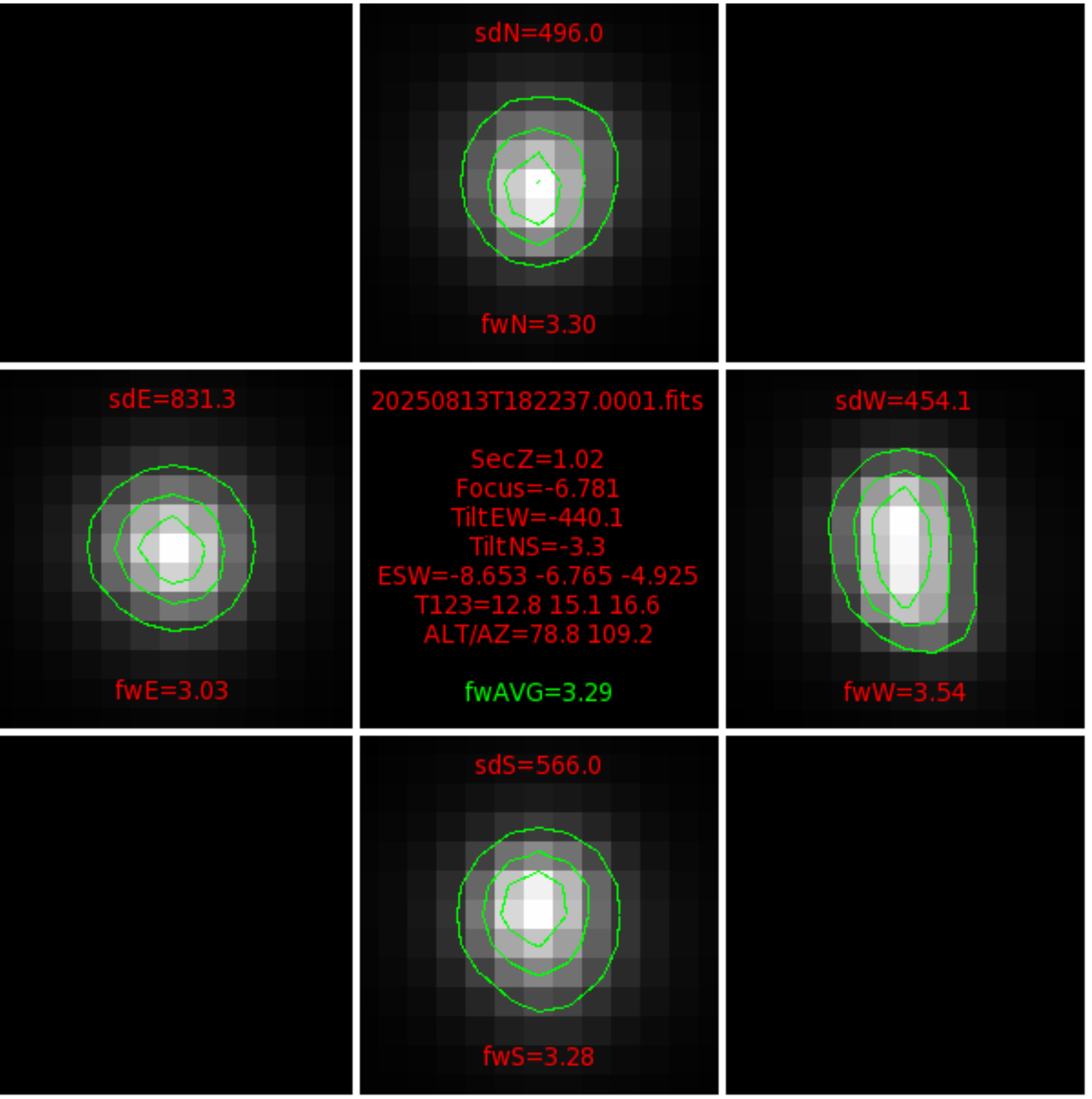
sdN=496.0
fwN=3.30
sdE=831.3
fwE=3.03
20250813T182237.0001.fits
SecZ=1.02
Focus=-6.781
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.653 -6.765 -4.925
T123=12.8 15.1 16.6
ALT/AZ=78.8 109.2
fwAVG=3.29
sdW=454.1
fwW=3.54
sdS=566.0
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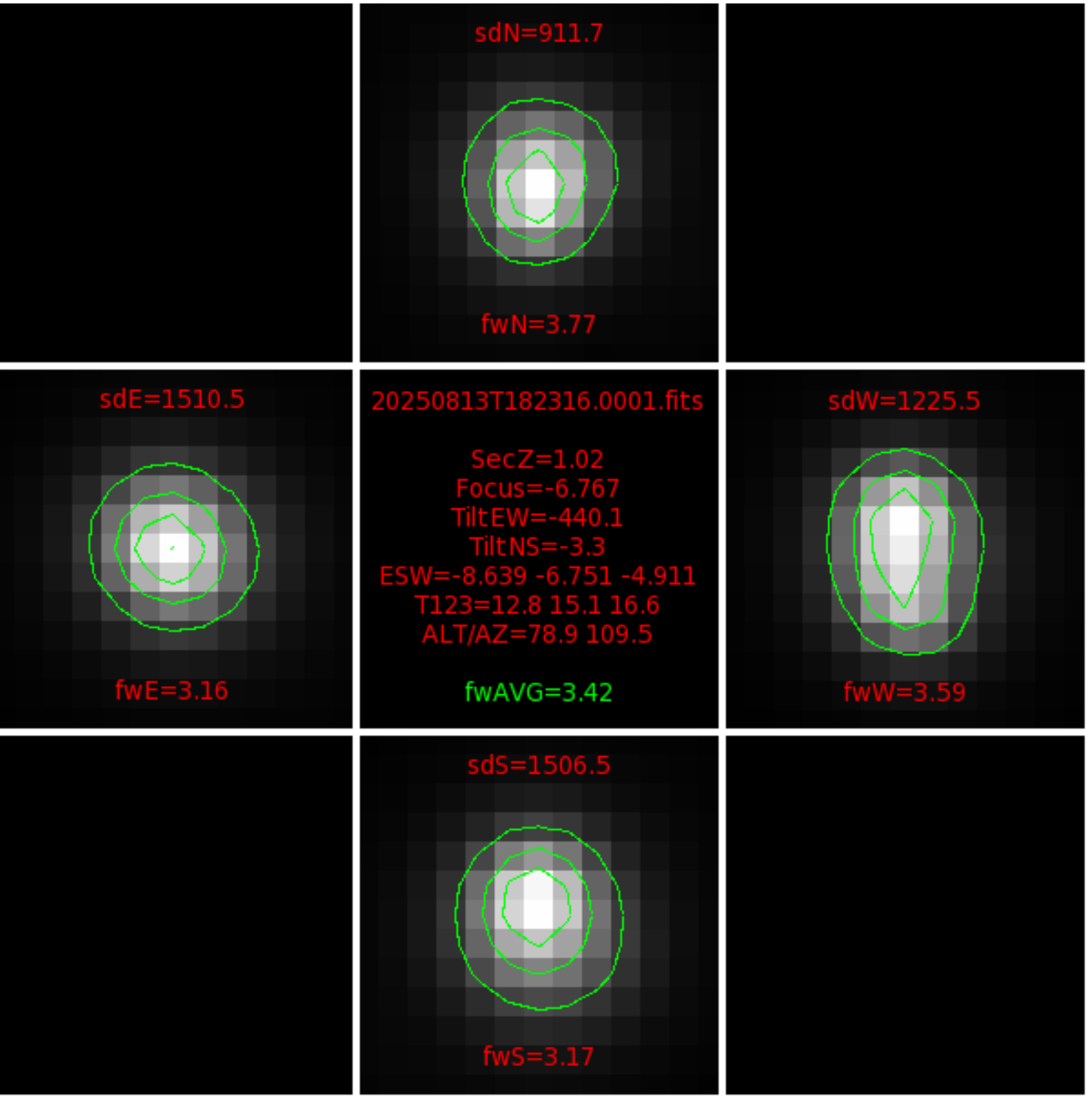
sdN=911.7
fwN=3.77
sdE=1510.5
fwE=3.16
20250813T182316.0001.fits
SecZ=1.02
Focus=-6.767
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.639 -6.751 -4.911
T123=12.8 15.1 16.6
ALT/AZ=78.9 109.5
fwAVG=3.42
sdW=1225.5
fwW=3.59
sdS=1506.5
fwS=3.17
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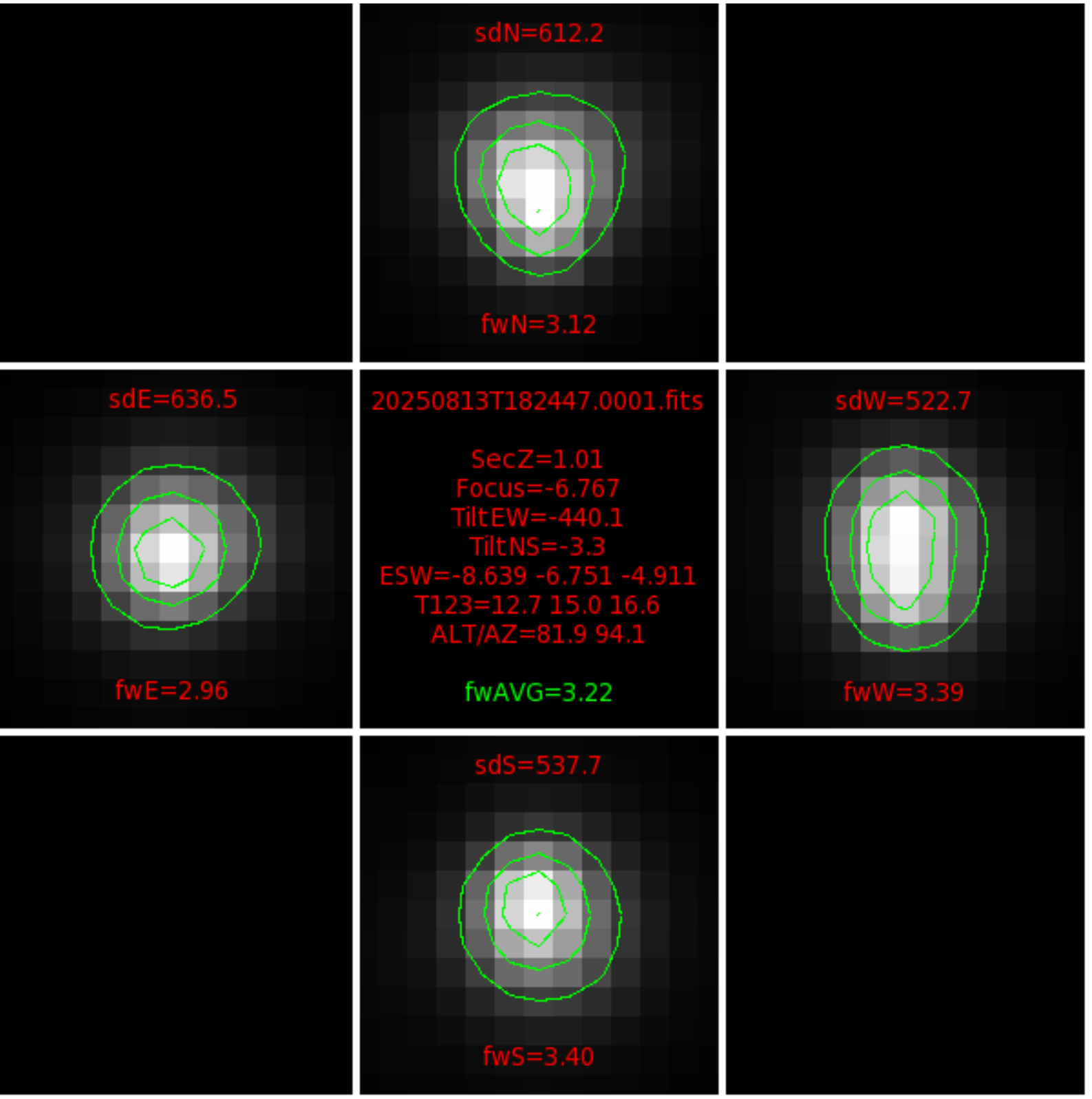
sdN=612.2
fwN=3.12
sdE=636.5
fwE=2.96
20250813T182447.0001.fits
SecZ=1.01
Focus=-6.767
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.639 -6.751 -4.911
T123=12.7 15.0 16.6
ALT/AZ=81.9 94.1
fwAVG=3.22
sdW=522.7
fwW=3.39
sdS=537.7
fwS=3.40
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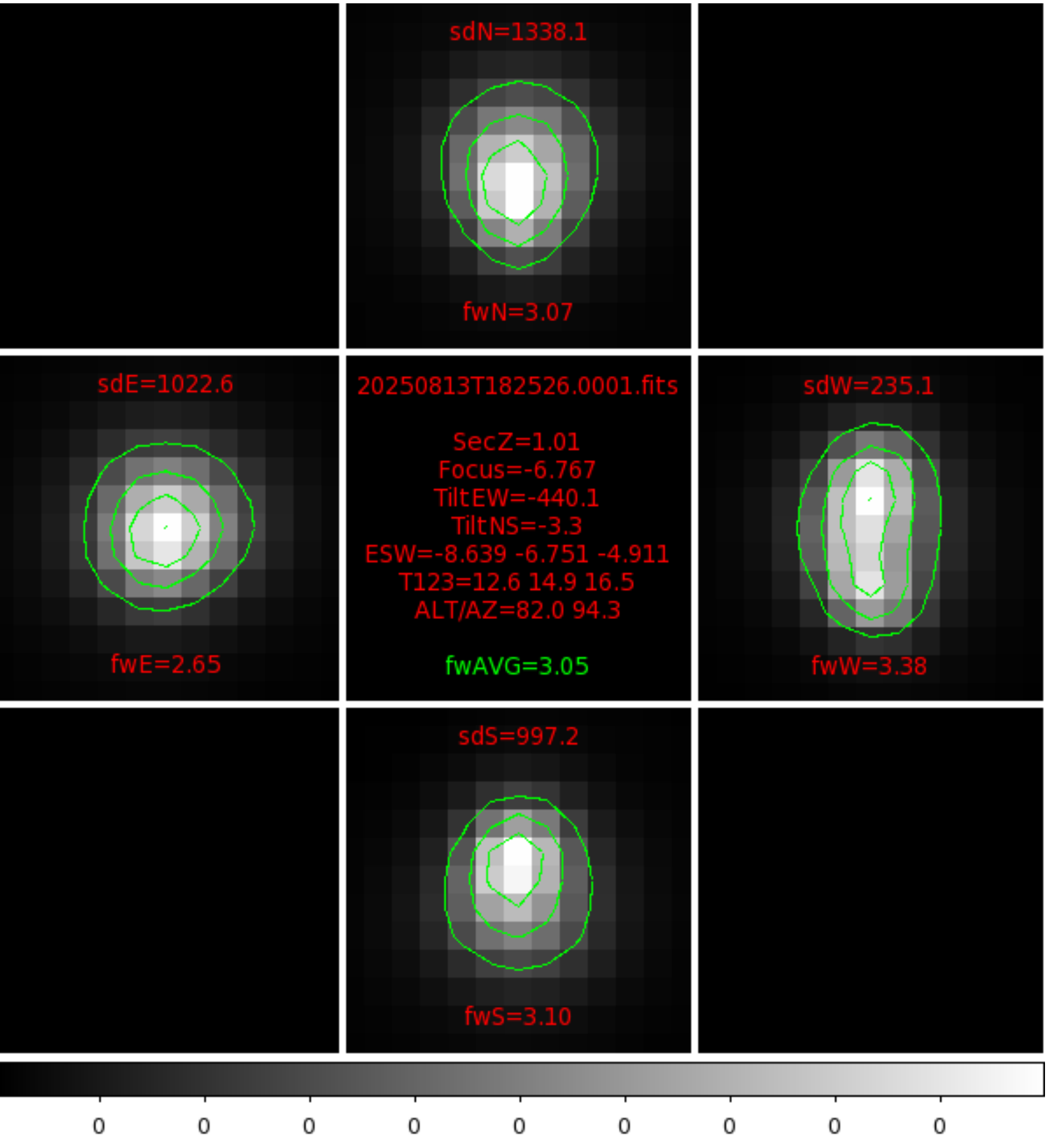
sdN=1338.1
fwN=3.07
sdE=1022.6
fwE=2.65
20250813T182526.0001.fits
SecZ=1.01
Focus=-6.767
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.639 -6.751 -4.911
T123=12.6 14.9 16.5
ALT/AZ=82.0 94.3
fwAVG=3.05
sdW=235.1
fwW=3.38
sdS=997.2
fwS=3.10
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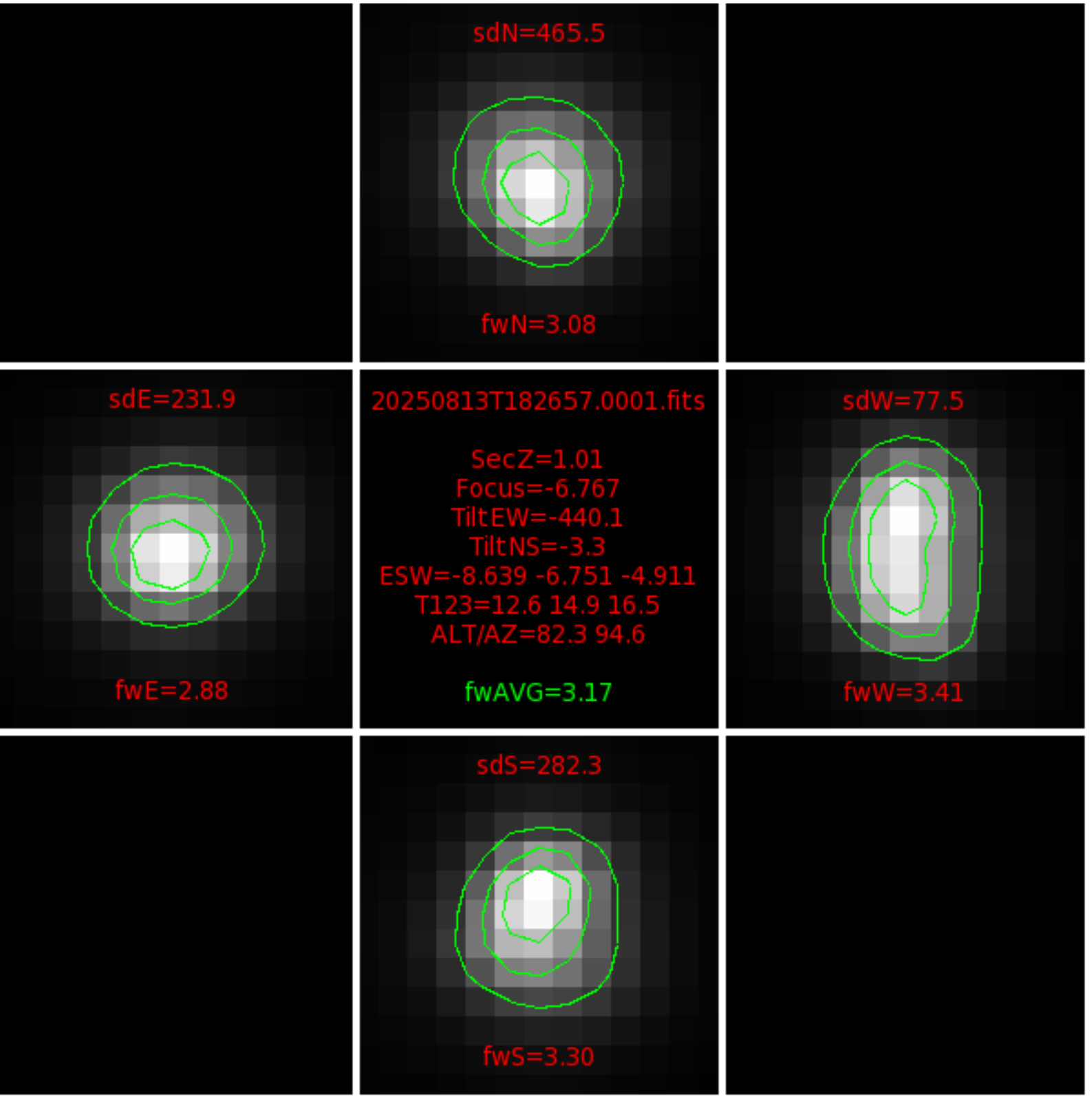
sdN=465.5
fwN=3.08
sdE=231.9
fwE=2.88
20250813T182657.0001.fits
SecZ=1.01
Focus=-6.767
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.639 -6.751 -4.911
T123=12.6 14.9 16.5
ALT/AZ=82.3 94.6
fwAVG=3.17
sdW=77.5
fwW=3.41
sdS=282.3
fwS=3.30
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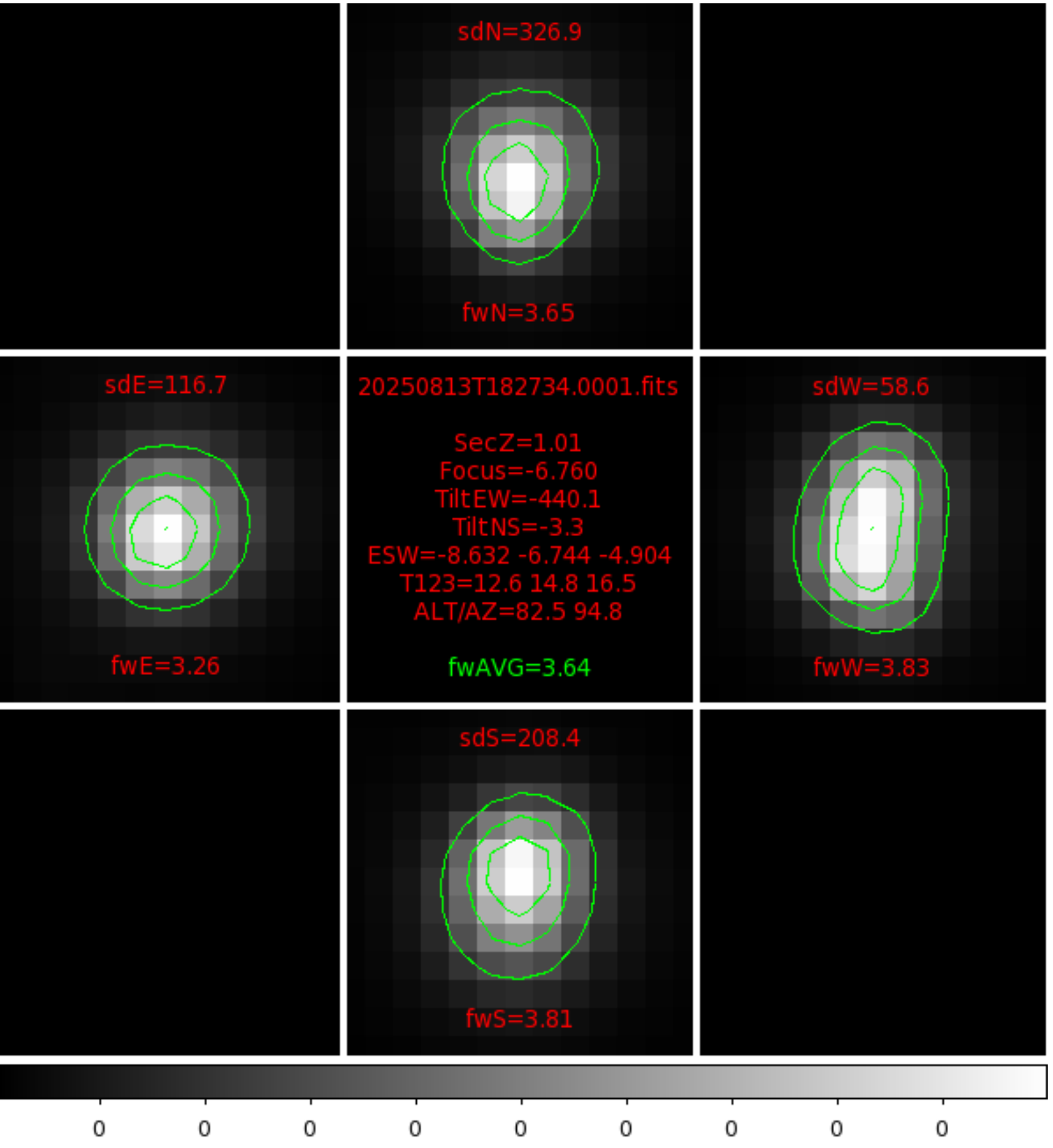
sdN=326.9
fwN=3.65
sdE=116.7
fwE=3.26
20250813T182734.0001.fits
SecZ=1.01
Focus=-6.760
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.632 -6.744 -4.904
T123=12.6 14.8 16.5
ALT/AZ=82.5 94.8
fwAVG=3.64
sdW=58.6
fwW=3.83
sdS=208.4
fwS=3.81
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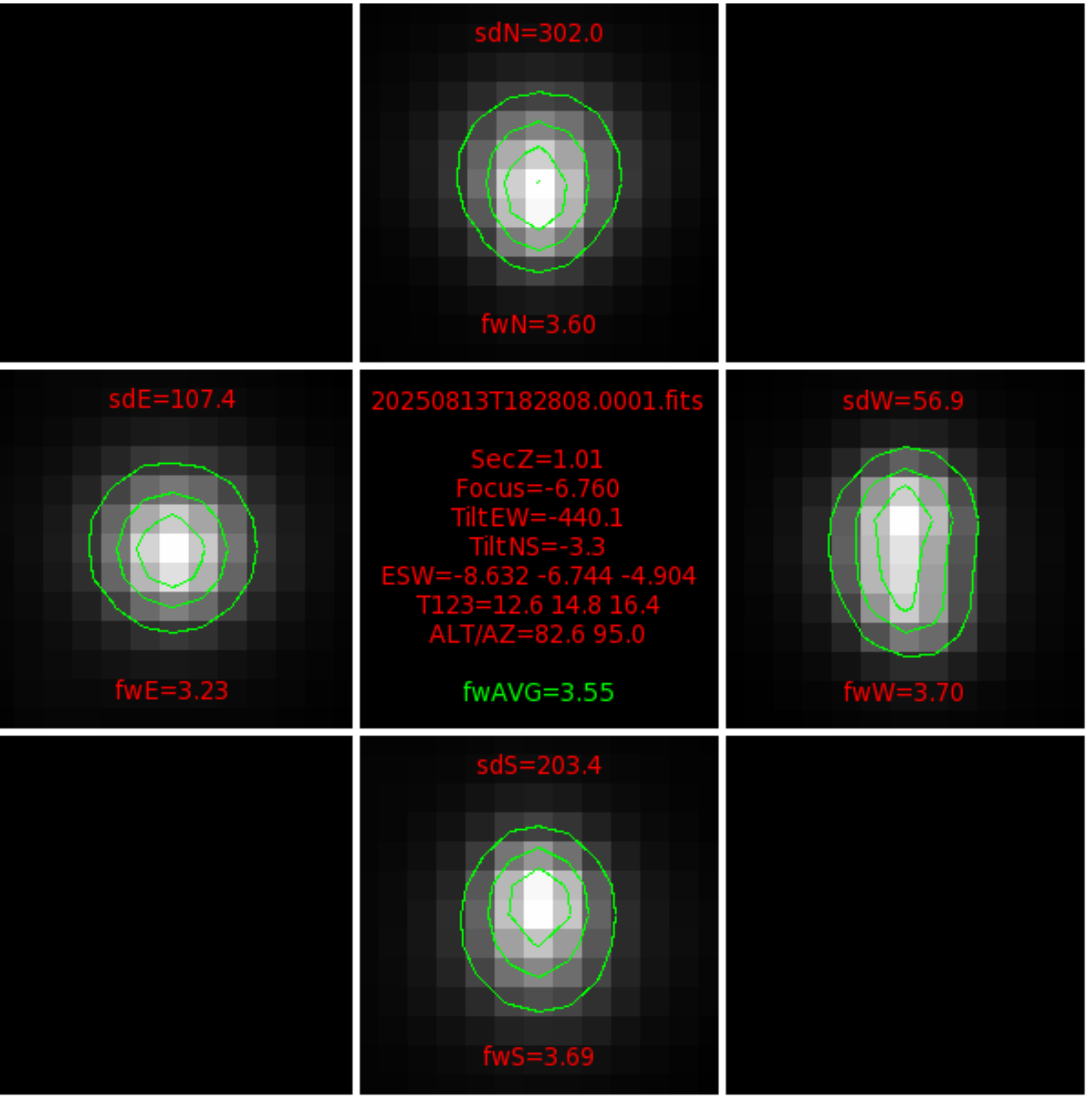
sdN=302.0
fwN=3.60
sdE=107.4
fwE=3.23
20250813T182808.0001.fits
SecZ=1.01
Focus=-6.760
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.632 -6.744 -4.904
T123=12.6 14.8 16.4
ALT/AZ=82.6 95.0
fwAVG=3.55
sdW=56.9
fwW=3.70
sdS=203.4
fwS=3.69
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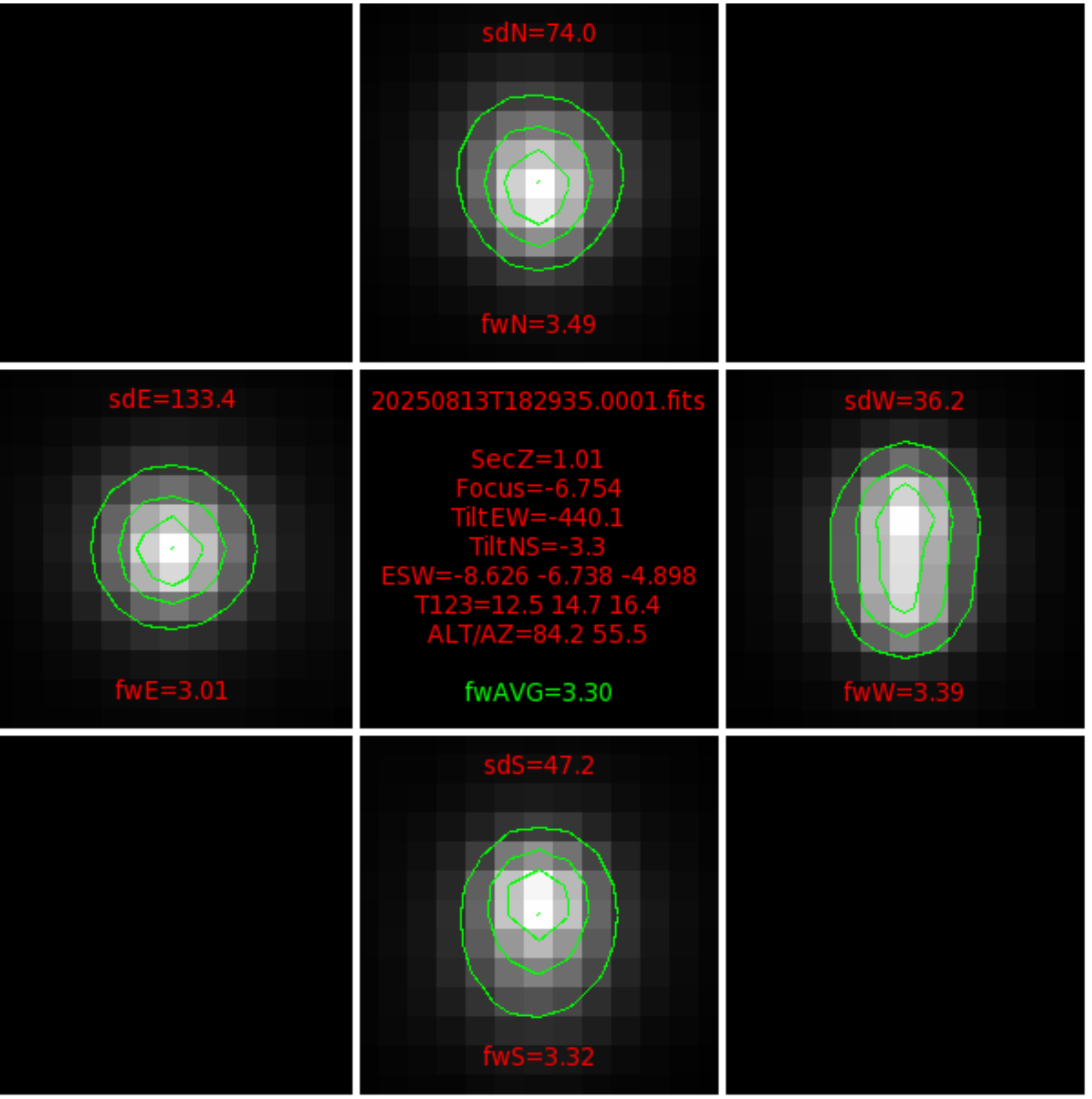
sdN=74.0
fwN=3.49
sdE=133.4
fwE=3.01
20250813T182935.0001.fits
SecZ=1.01
Focus=-6.754
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.626 -6.738 -4.898
T123=12.5 14.7 16.4
ALT/AZ=84.2 55.5
fwAVG=3.30
sdW=36.2
fwW=3.39
sdS=47.2
fwS=3.32
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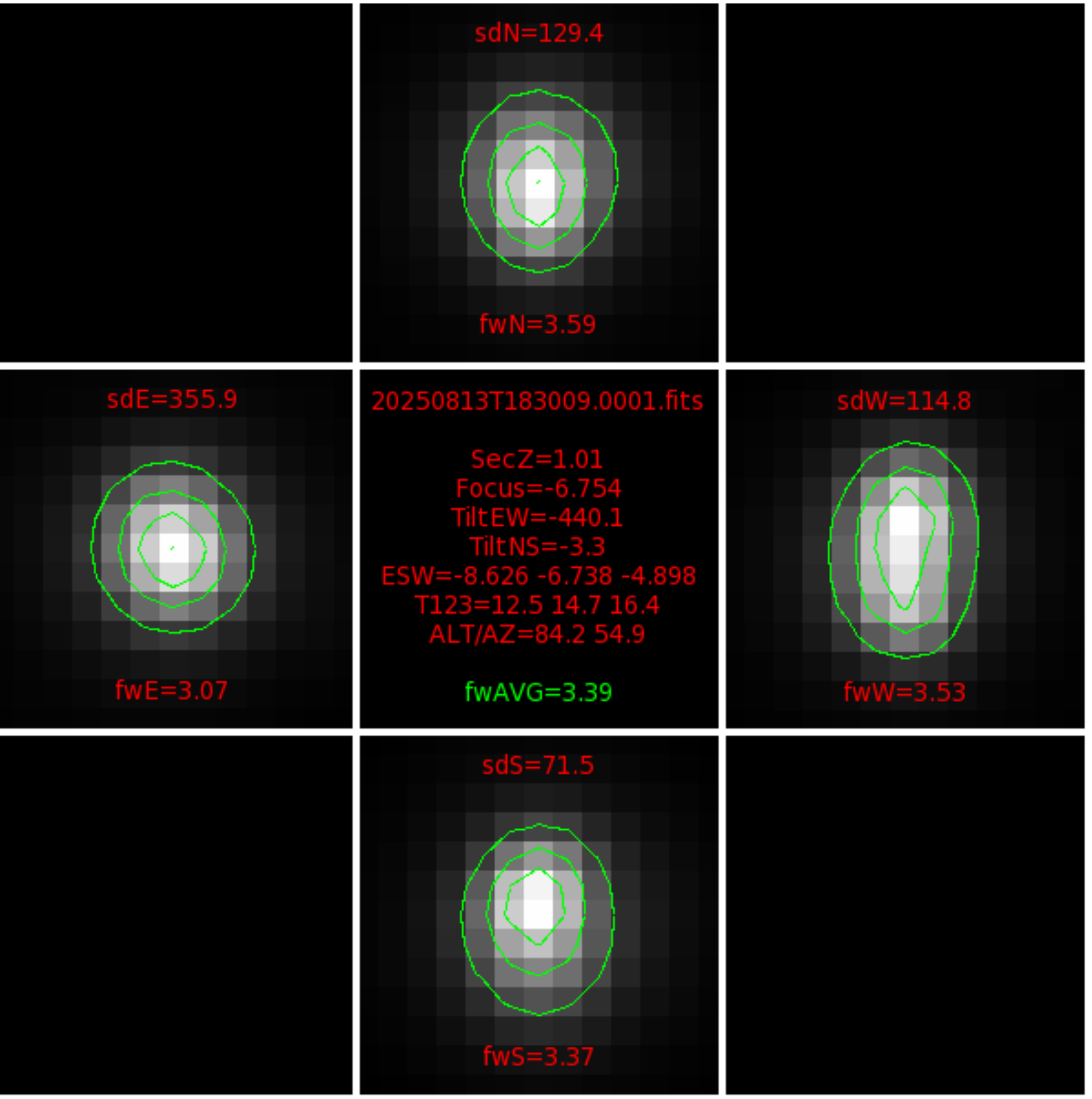
sdN=129.4
fwN=3.59
sdE=355.9
fwE=3.07
20250813T183009.0001.fits
SecZ=1.01
Focus=-6.754
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.626 -6.738 -4.898
T123=12.5 14.7 16.4
ALT/AZ=84.2 54.9
fwAVG=3.39
sdW=114.8
fwW=3.53
sdS=71.5
fwS=3.37
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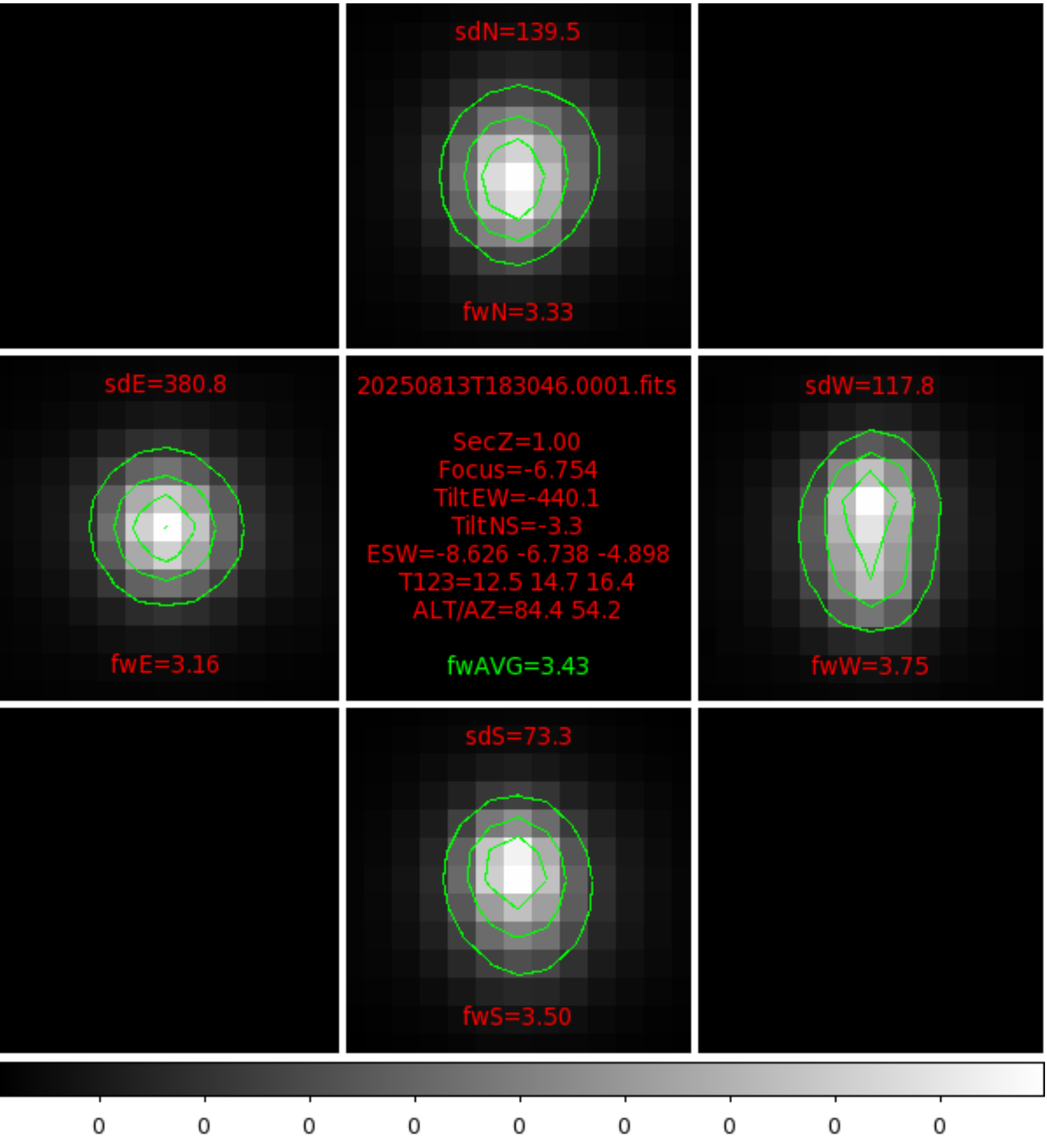
sdN=139.5
fwN=3.33
sdE=380.8
fwE=3.16
20250813T183046.0001.fits
SecZ=1.00
Focus=-6.754
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.626 -6.738 -4.898
T123=12.5 14.7 16.4
ALT/AZ=84.4 54.2
fwAVG=3.43
sdW=117.8
fwW=3.75
sdS=73.3
fwS=3.50
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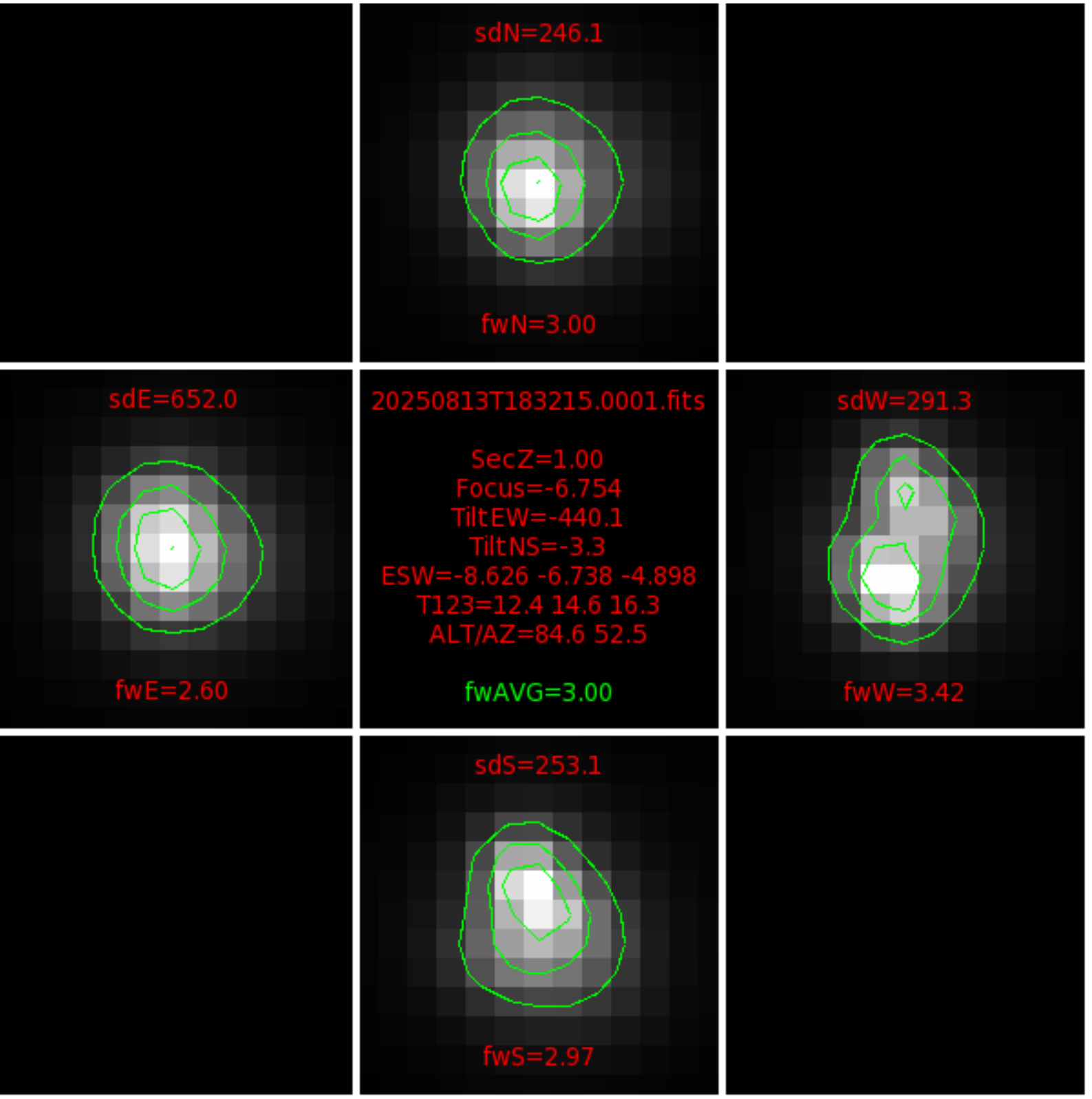
sdN=246.1
fwN=3.00
sdE=652.0
fwE=2.60
20250813T183215.0001.fits
SecZ=1.00
Focus=-6.754
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.626 -6.738 -4.898
T123=12.4 14.6 16.3
ALT/AZ=84.6 52.5
fwAVG=3.00
sdW=291.3
fwW=3.42
sdS=253.1
fwS=2.97
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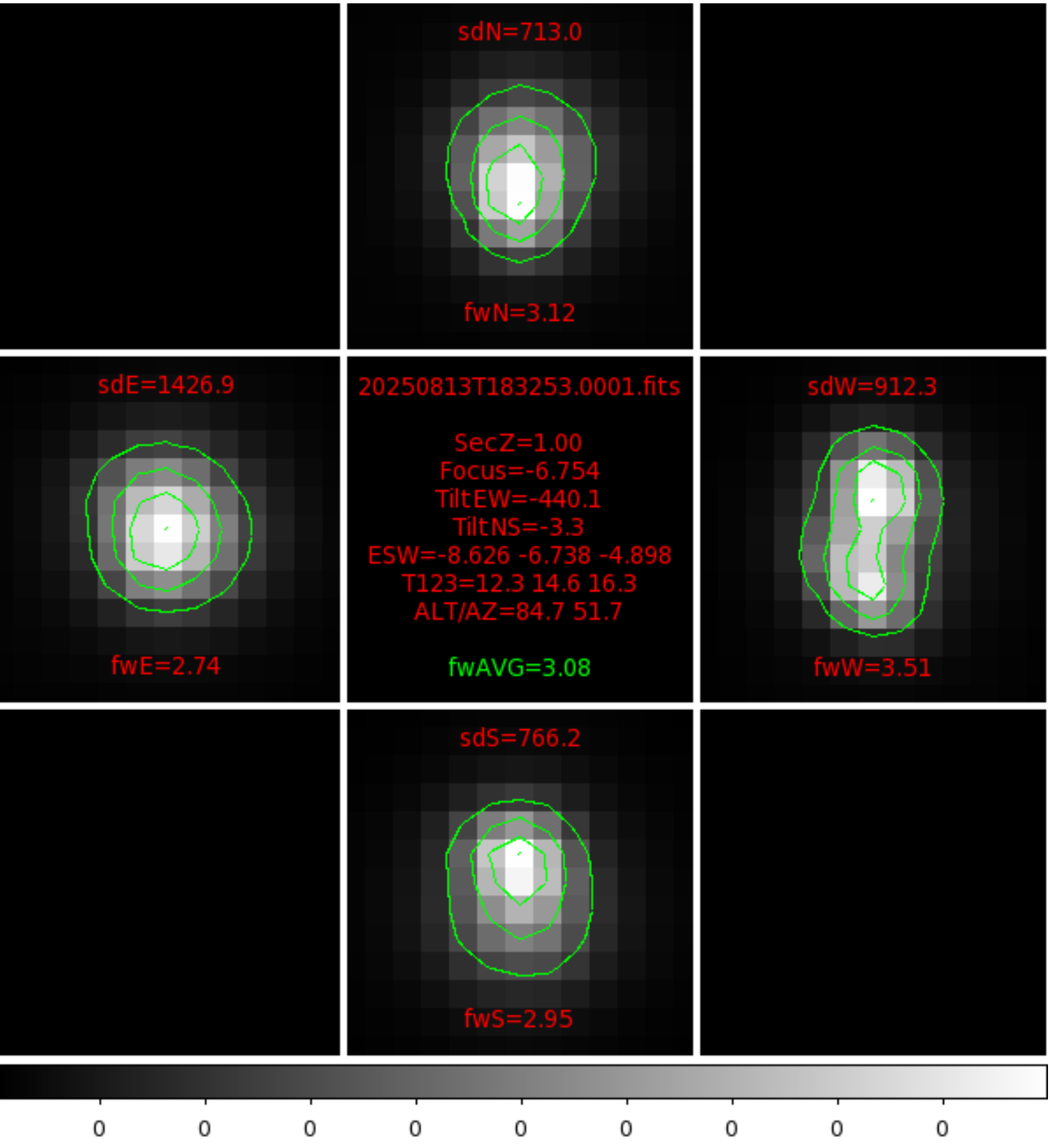
sdN=713.0
fwN=3.12
sdE=1426.9
fwE=2.74
20250813T183253.0001.fits
SecZ=1.00
Focus=-6.754
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.626 -6.738 -4.898
T123=12.3 14.6 16.3
ALT/AZ=84.7 51.7
fwAVG=3.08
sdW=912.3
fwW=3.51
sdS=766.2
fwS=2.95
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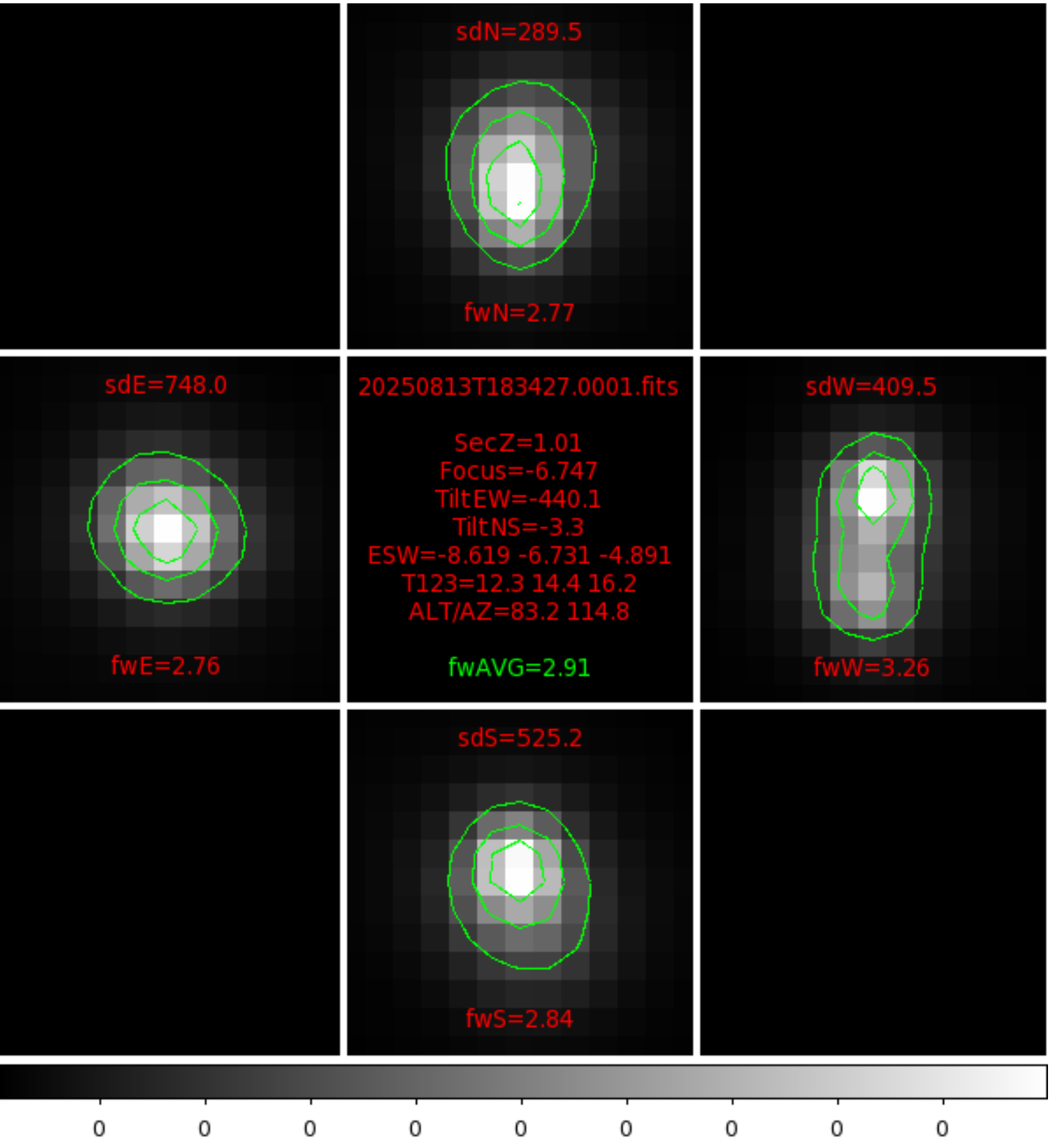
sdN=289.5
fwN=2.77
sdE=748.0
fwE=2.76
20250813T183427.0001.fits
SecZ=1.01
Focus=-6.747
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.619 -6.731 -4.891
T123=12.3 14.4 16.2
ALT/AZ=83.2 114.8
fwAVG=2.91
sdW=409.5
fwW=3.26
sdS=525.2
fwS=2.84
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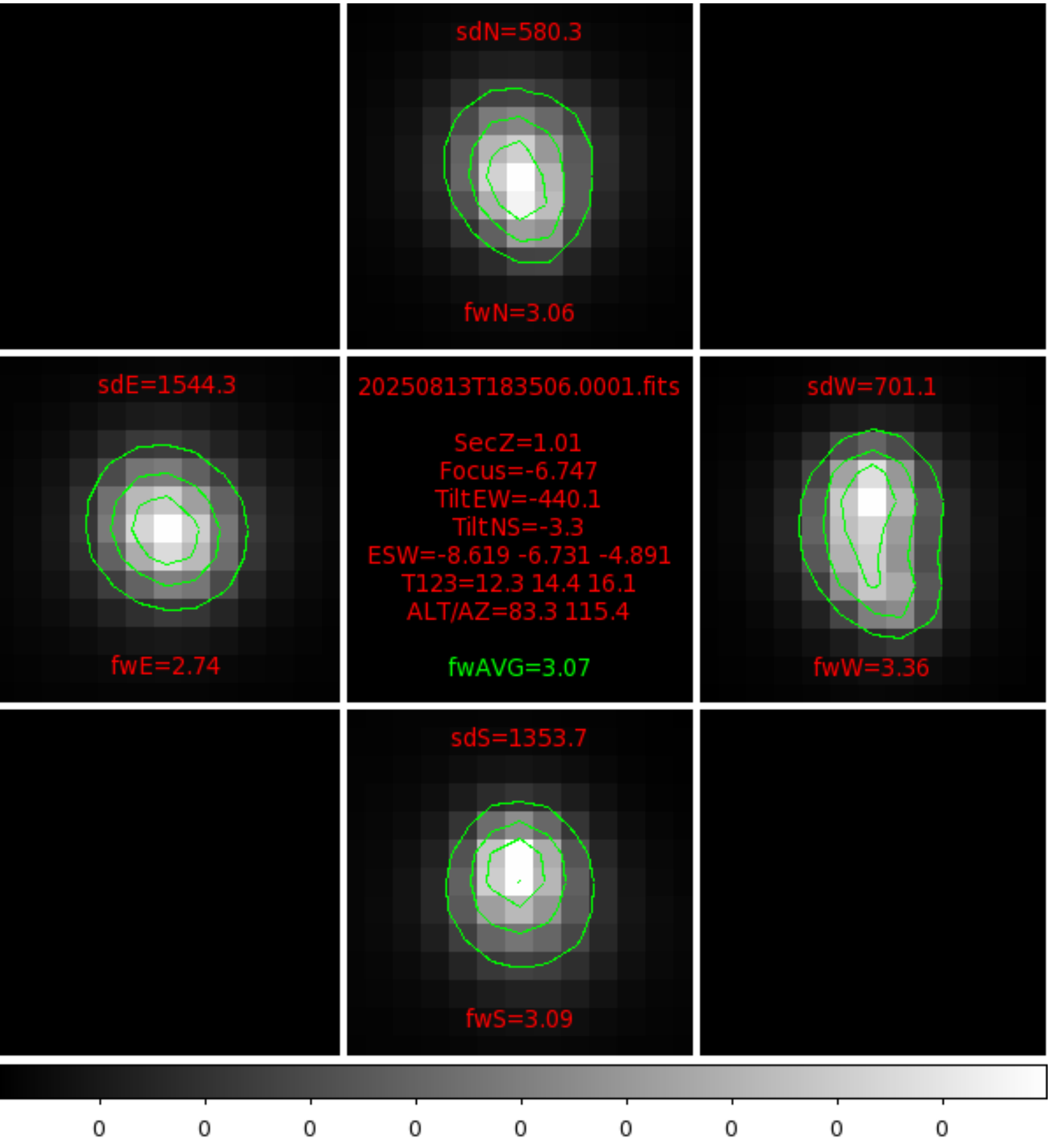
sdN=580.3
fwN=3.06
sdE=1544.3
fwE=2.74
20250813T183506.0001.fits
SecZ=1.01
Focus=-6.747
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.619 -6.731 -4.891
T123=12.3 14.4 16.1
ALT/AZ=83.3 115.4
fwAVG=3.07
sdW=701.1
fwW=3.36
sdS=1353.7
fwS=3.09
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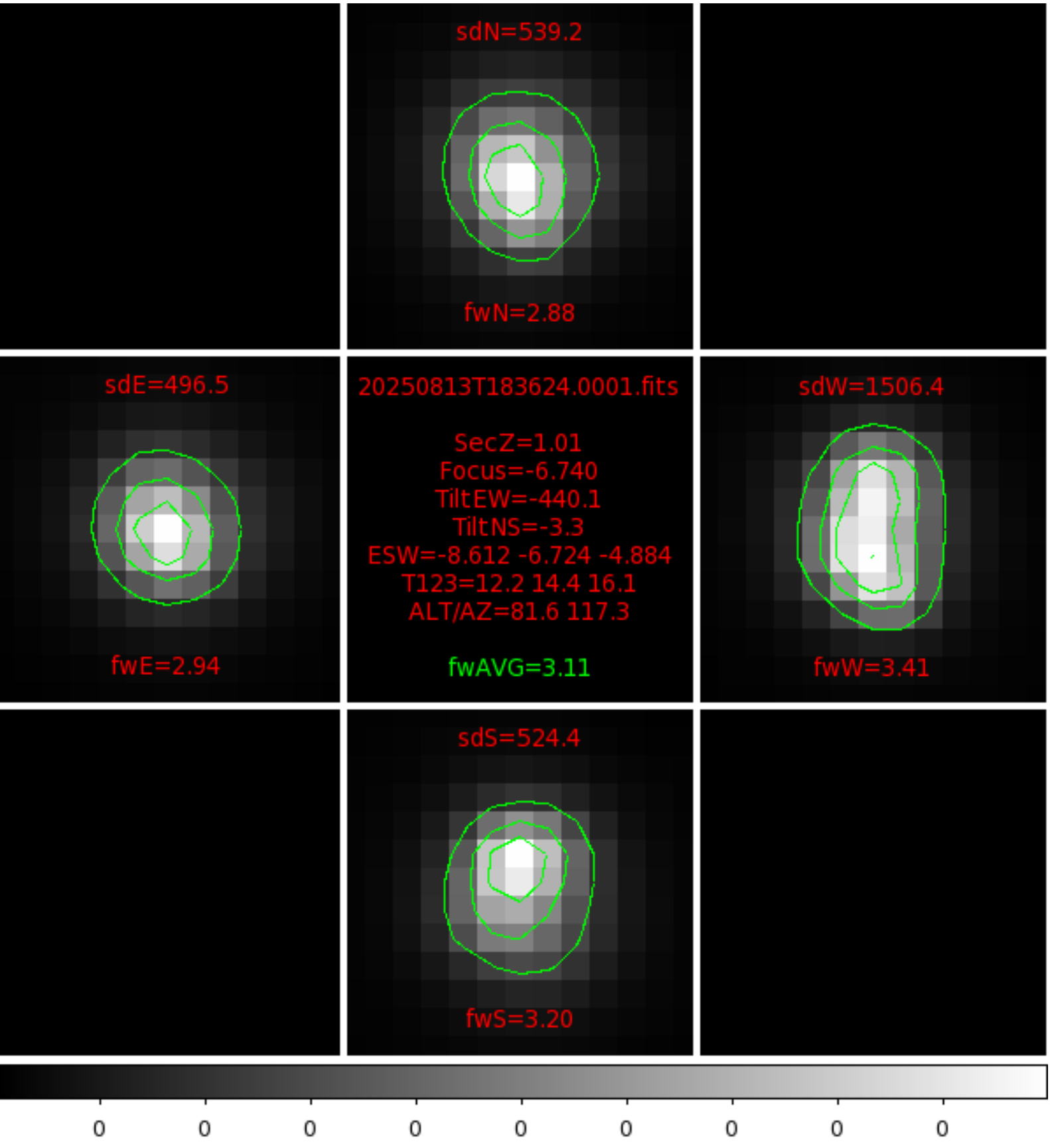
sdN=539.2
fwN=2.88
sdE=496.5
fwE=2.94
20250813T183624.0001.fits
SecZ=1.01
Focus=-6.740
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.612 -6.724 -4.884
T123=12.2 14.4 16.1
ALT/AZ=81.6 117.3
fwAVG=3.11
sdW=1506.4
fwW=3.41
sdS=524.4
fwS=3.20
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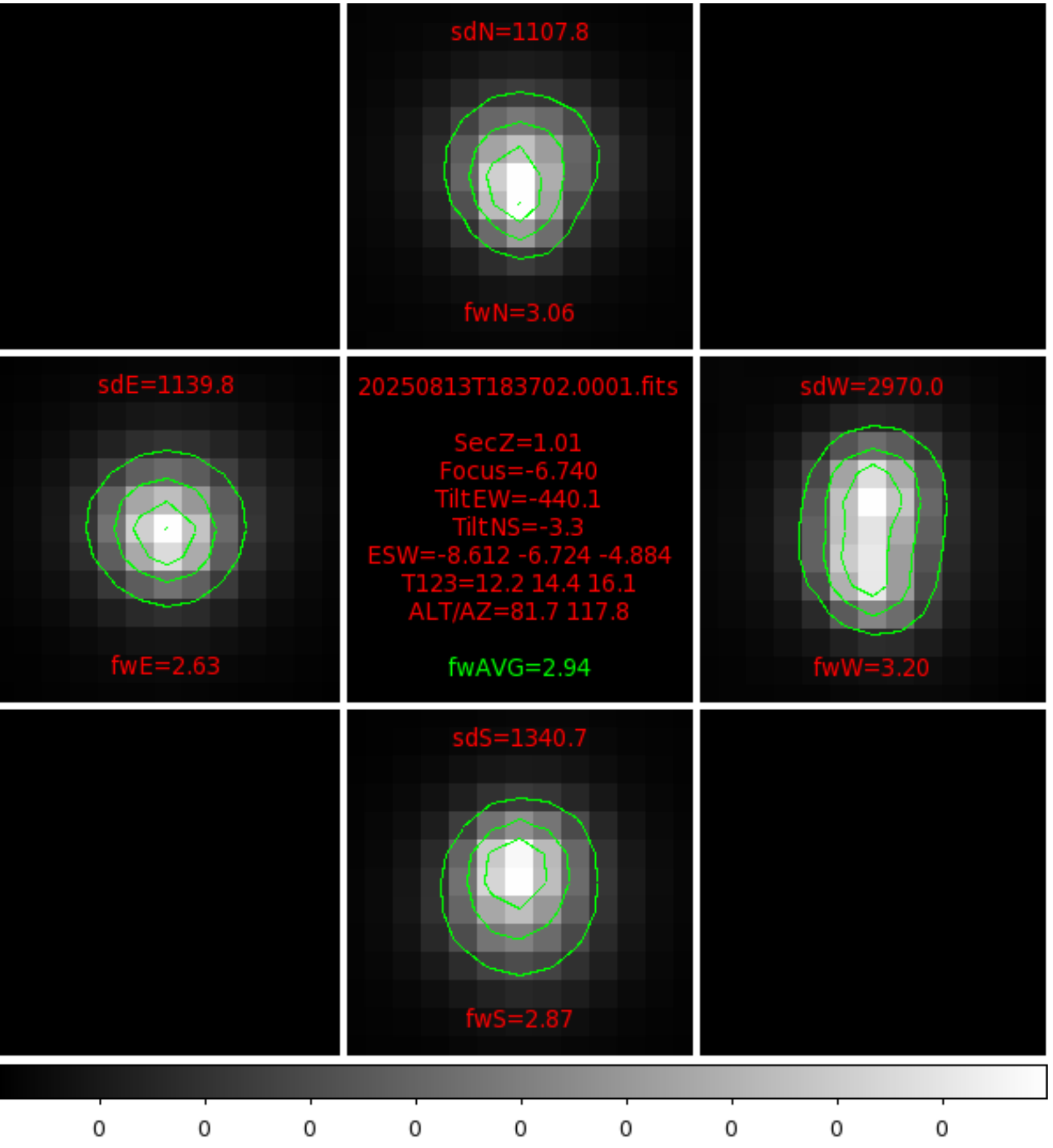
sdN=1107.8
fwN=3.06
sdE=1139.8
fwE=2.63
20250813T183702.0001.fits
SecZ=1.01
Focus=-6.740
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.612 -6.724 -4.884
T123=12.2 14.4 16.1
ALT/AZ=81.7 117.8
fwAVG=2.94
sdW=2970.0
fwW=3.20
sdS=1340.7
fwS=2.87
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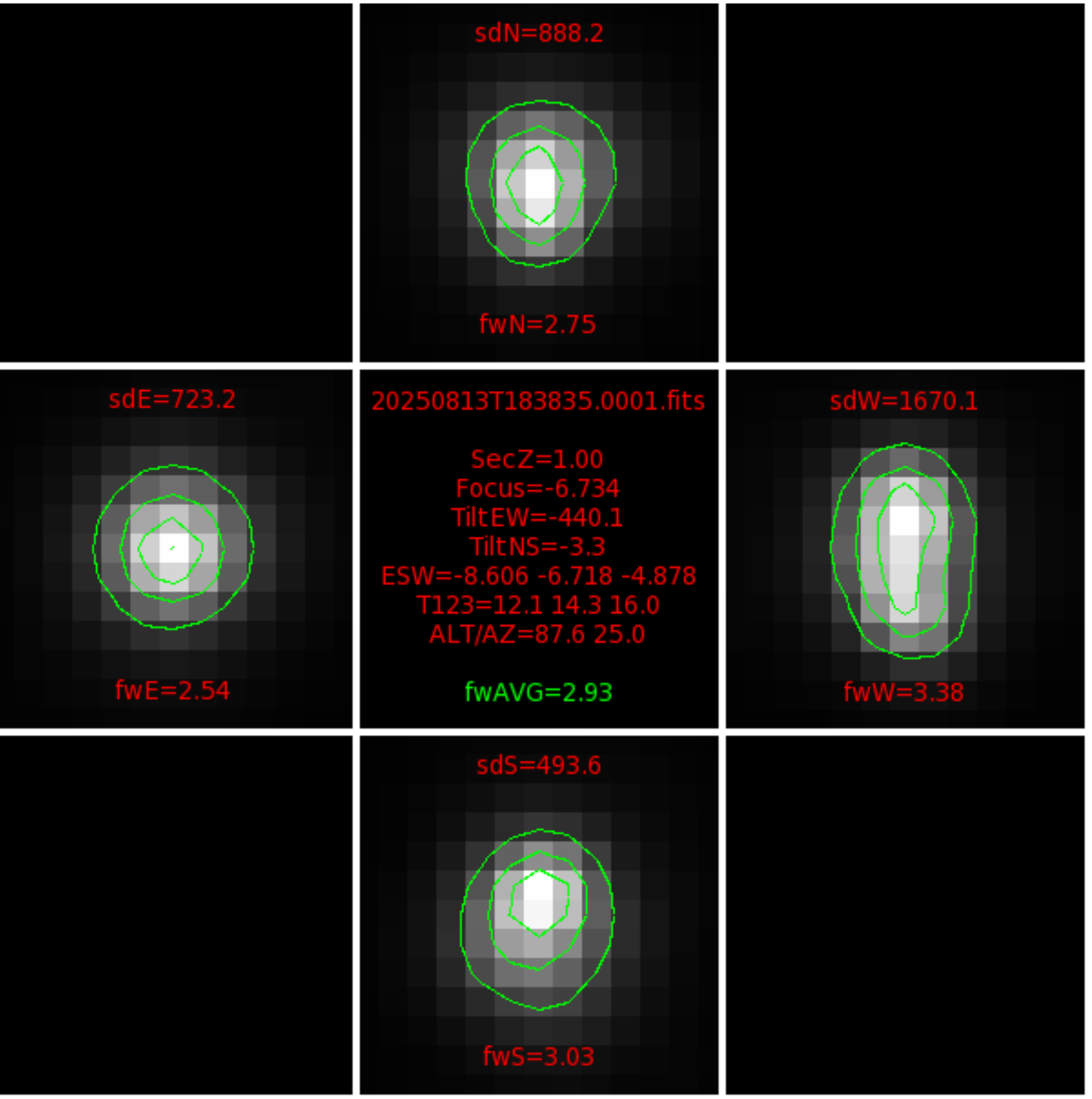
sdN=888.2
fwN=2.75
sdE=723.2
fwE=2.54
20250813T183835.0001.fits
SecZ=1.00
Focus=-6.734
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.606 -6.718 -4.878
T123=12.1 14.3 16.0
ALT/AZ=87.6 25.0
fwAVG=2.93
sdW=1670.1
fwW=3.38
sdS=493.6
fwS=3.03
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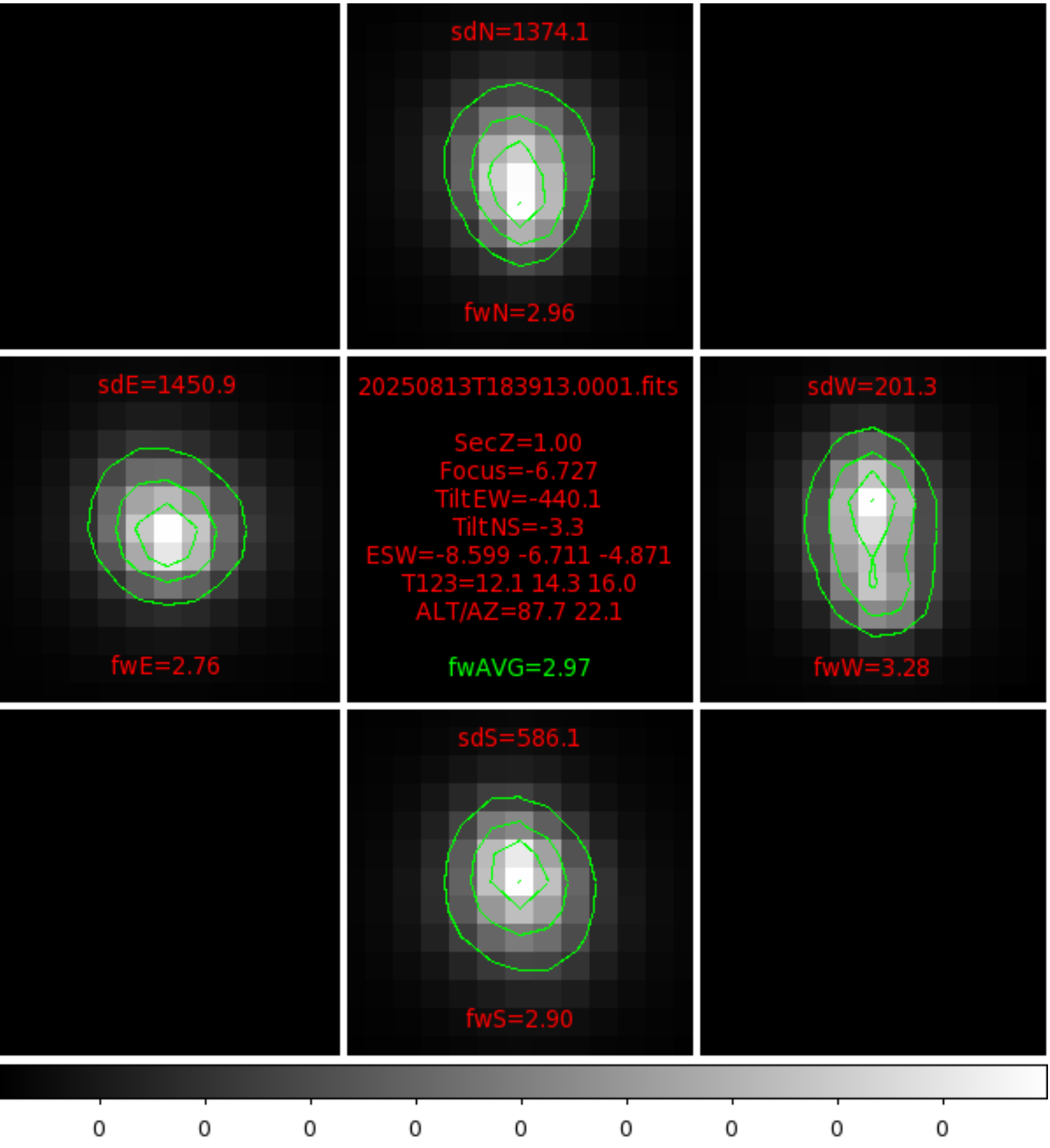
sdN=1374.1
fwN=2.96
sdE=1450.9
fwE=2.76
20250813T183913.0001.fits
SecZ=1.00
Focus=-6.727
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.599 -6.711 -4.871
T123=12.1 14.3 16.0
ALT/AZ=87.7 22.1
fwAVG=2.97
sdW=201.3
fwW=3.28
sdS=586.1
fwS=2.90
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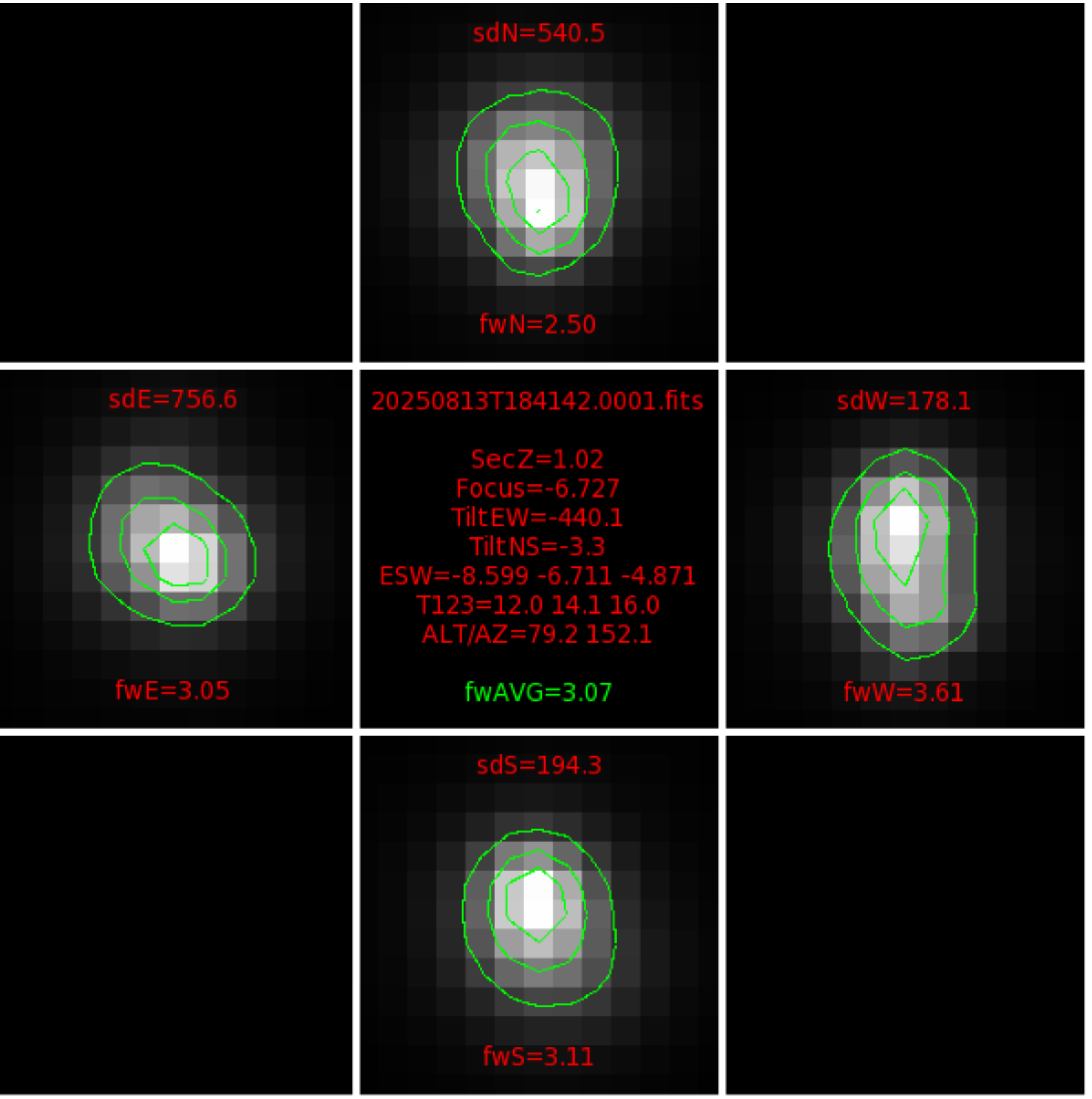
sdN=540.5
fwN=2.50
sdE=756.6
fwE=3.05
20250813T184142.0001.fits
SecZ=1.02
Focus=-6.727
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.599 -6.711 -4.871
T123=12.0 14.1 16.0
ALT/AZ=79.2 152.1
fwAVG=3.07
sdW=178.1
fwW=3.61
sdS=194.3
fwS=3.11
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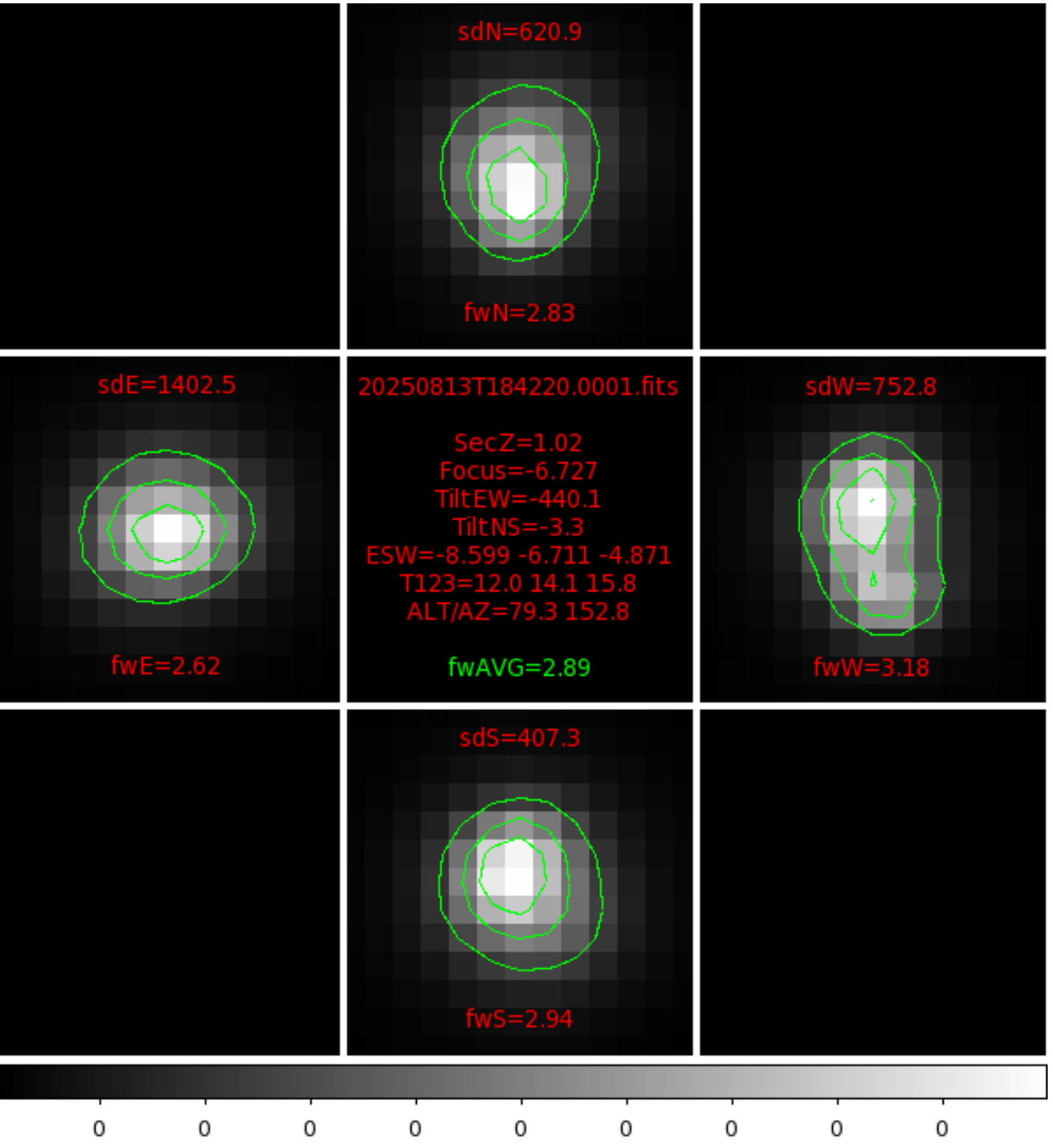
sdN=620.9
fwN=2.83
sdE=1402.5
fwE=2.62
20250813T184220.0001.fits
SecZ=1.02
Focus=-6.727
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.599 -6.711 -4.871
T123=12.0 14.1 15.8
ALT/AZ=79.3 152.8
fwAVG=2.89
sdW=752.8
fwW=3.18
sdS=407.3
fwS=2.94
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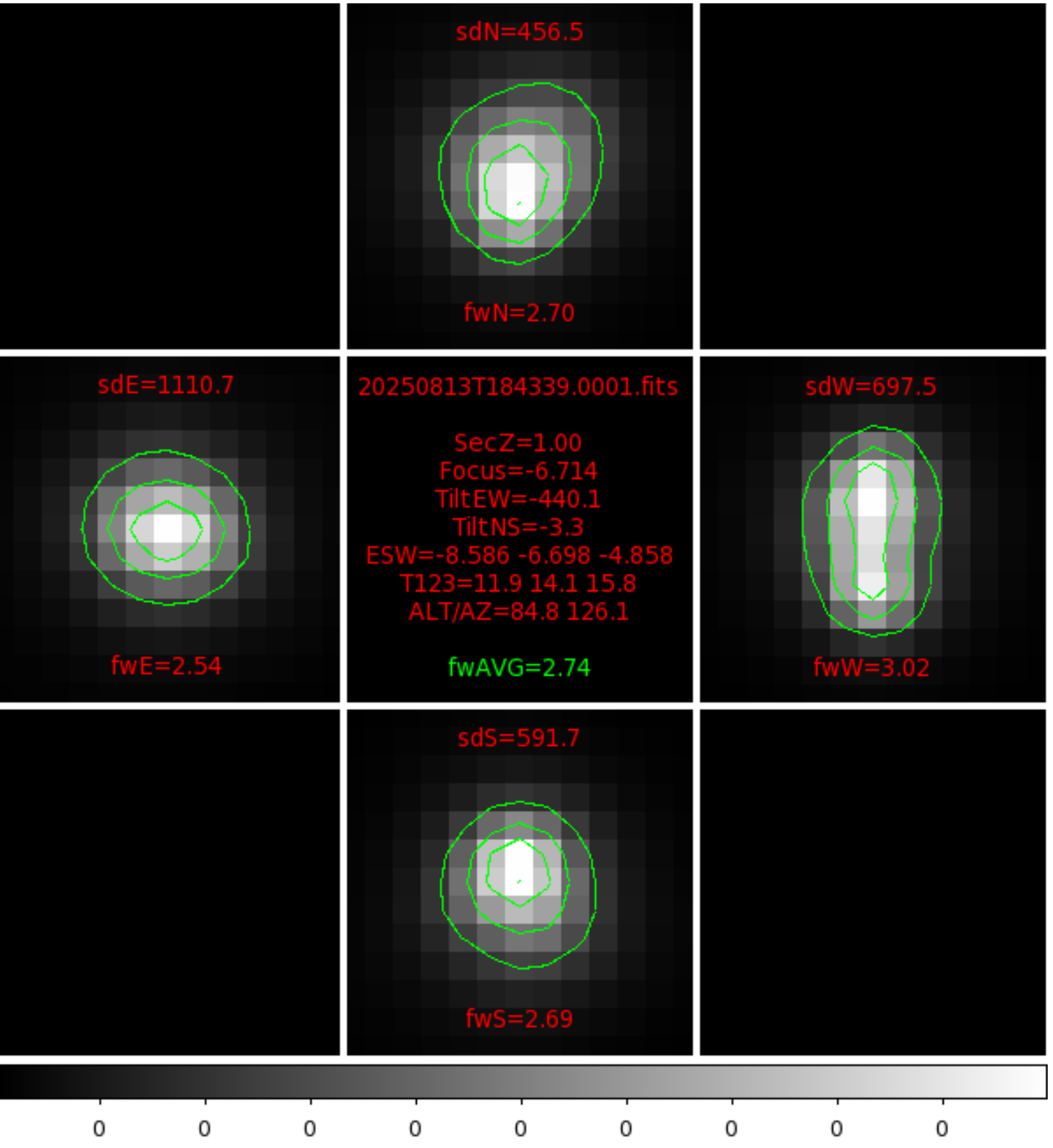
sdN=456.5
fwN=2.70
sdE=1110.7
fwE=2.54
20250813T184339.0001.fits
SecZ=1.00
Focus=-6.714
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.586 -6.698 -4.858
T123=11.9 14.1 15.8
ALT/AZ=84.8 126.1
fwAVG=2.74
sdW=697.5
fwW=3.02
sdS=591.7
fwS=2.69
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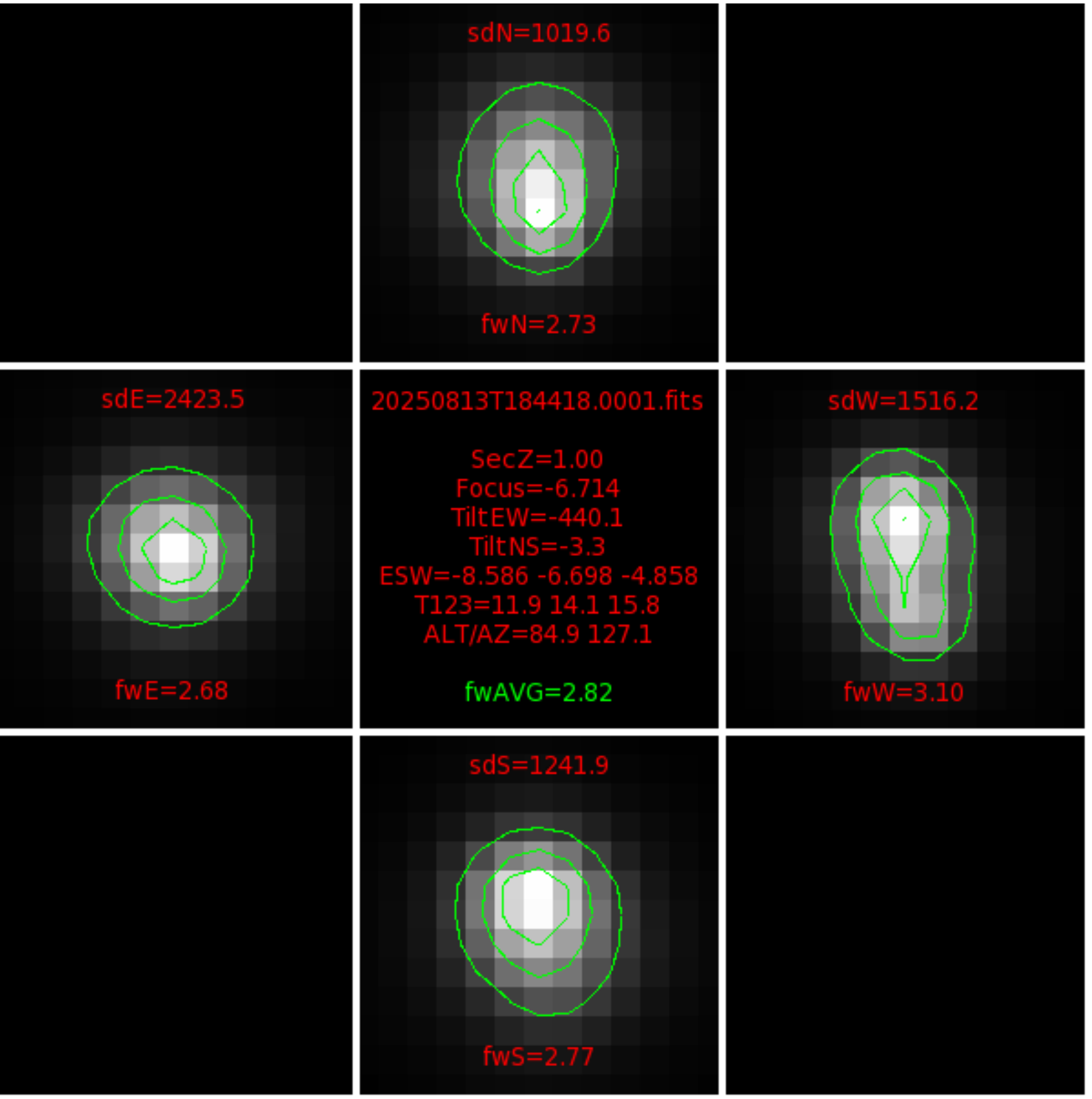
sdN=1019.6
fwN=2.73
sdE=2423.5
fwE=2.68
20250813T184418.0001.fits
SecZ=1.00
Focus=-6.714
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.586 -6.698 -4.858
T123=11.9 14.1 15.8
ALT/AZ=84.9 127.1
fwAVG=2.82
sdW=1516.2
fwW=3.10
sdS=1241.9
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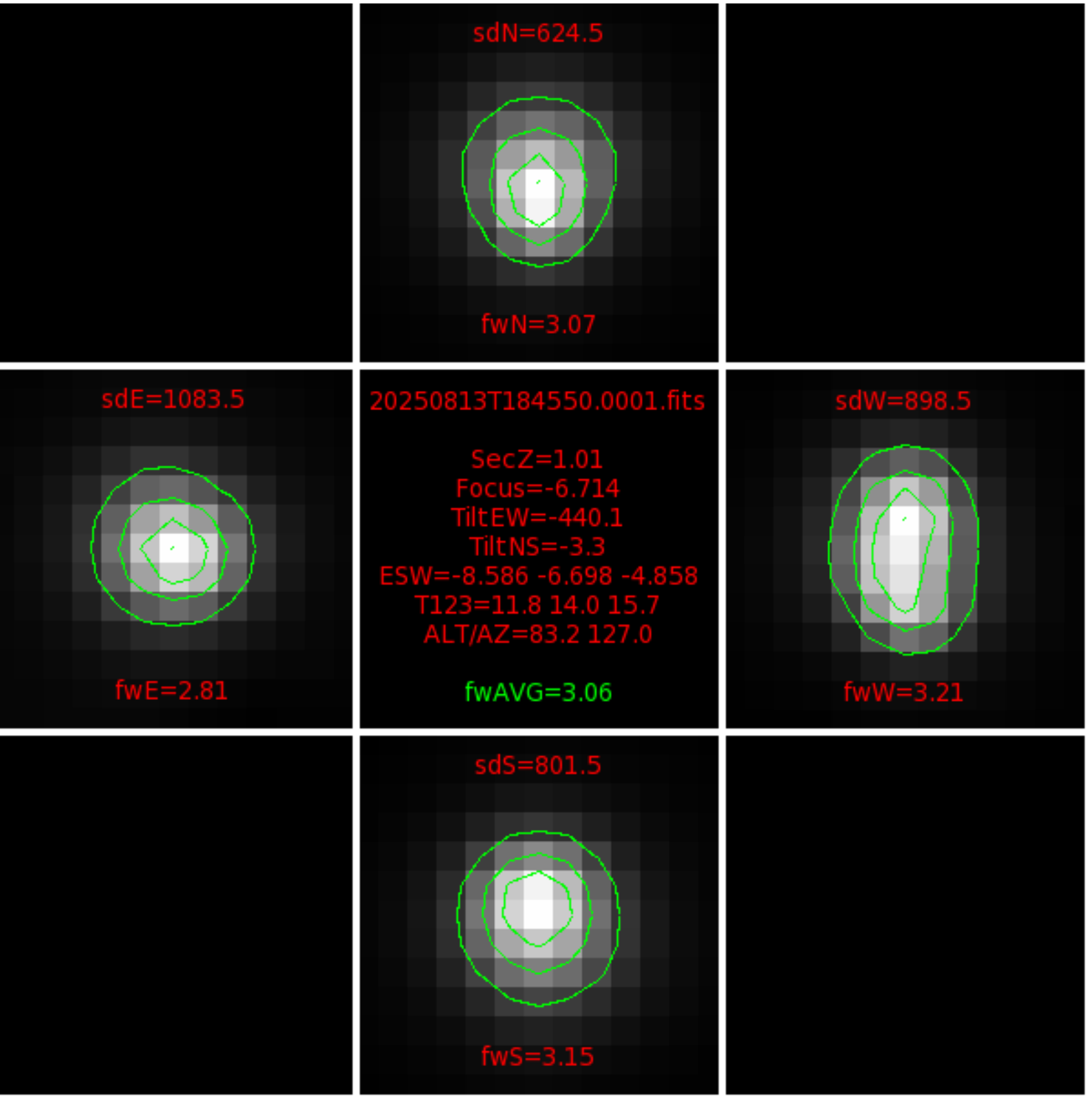
sdN=624.5
fwN=3.07
sdE=1083.5
fwE=2.81
20250813T184550.0001.fits
SecZ=1.01
Focus=-6.714
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.586 -6.698 -4.858
T123=11.8 14.0 15.7
ALT/AZ=83.2 127.0
fwAVG=3.06
sdW=898.5
fwW=3.21
sdS=801.5
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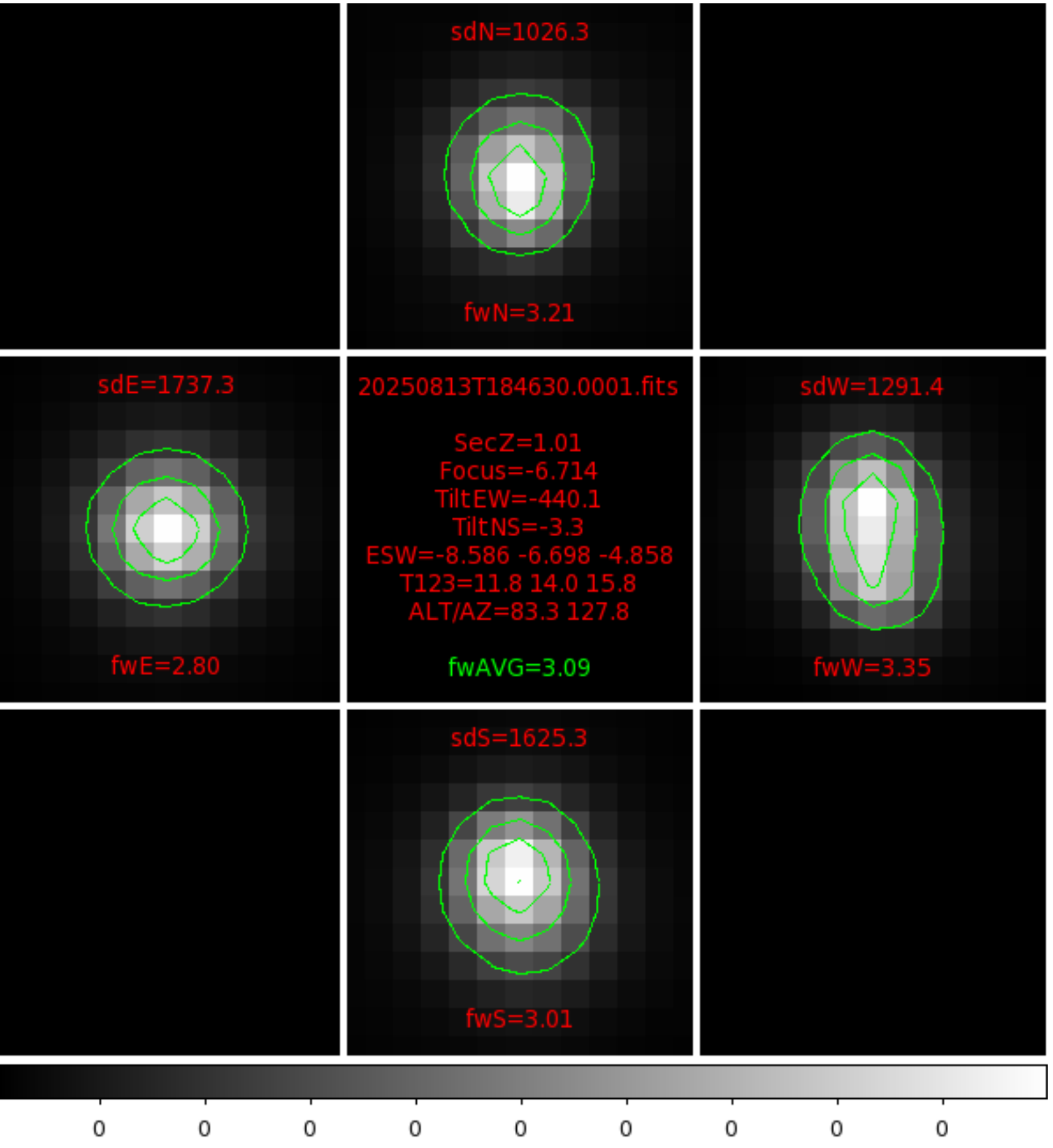
sdN=1026.3
fwN=3.21
sdE=1737.3
fwE=2.80
20250813T184630.0001.fits
SecZ=1.01
Focus=-6.714
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.586 -6.698 -4.858
T123=11.8 14.0 15.8
ALT/AZ=83.3 127.8
fwAVG=3.09
sdW=1291.4
fwW=3.35
sdS=1625.3
fwS=3.01
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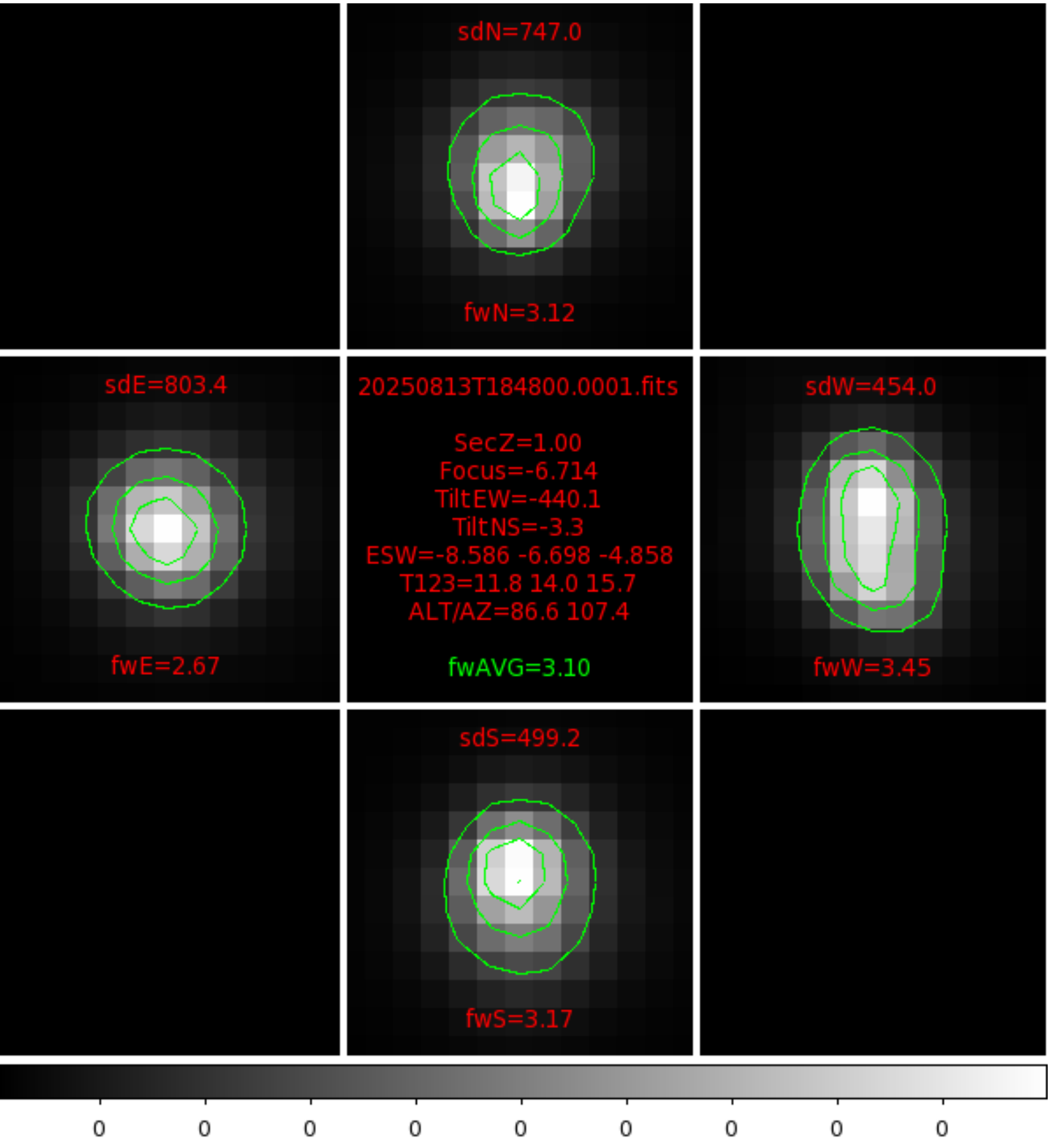
sdN=747.0
fwN=3.12
sdE=803.4
fwE=2.67
20250813T184800.0001.fits
SecZ=1.00
Focus=-6.714
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.586 -6.698 -4.858
T123=11.8 14.0 15.7
ALT/AZ=86.6 107.4
fwAVG=3.10
sdW=454.0
fwW=3.45
sdS=499.2
fwS=3.17
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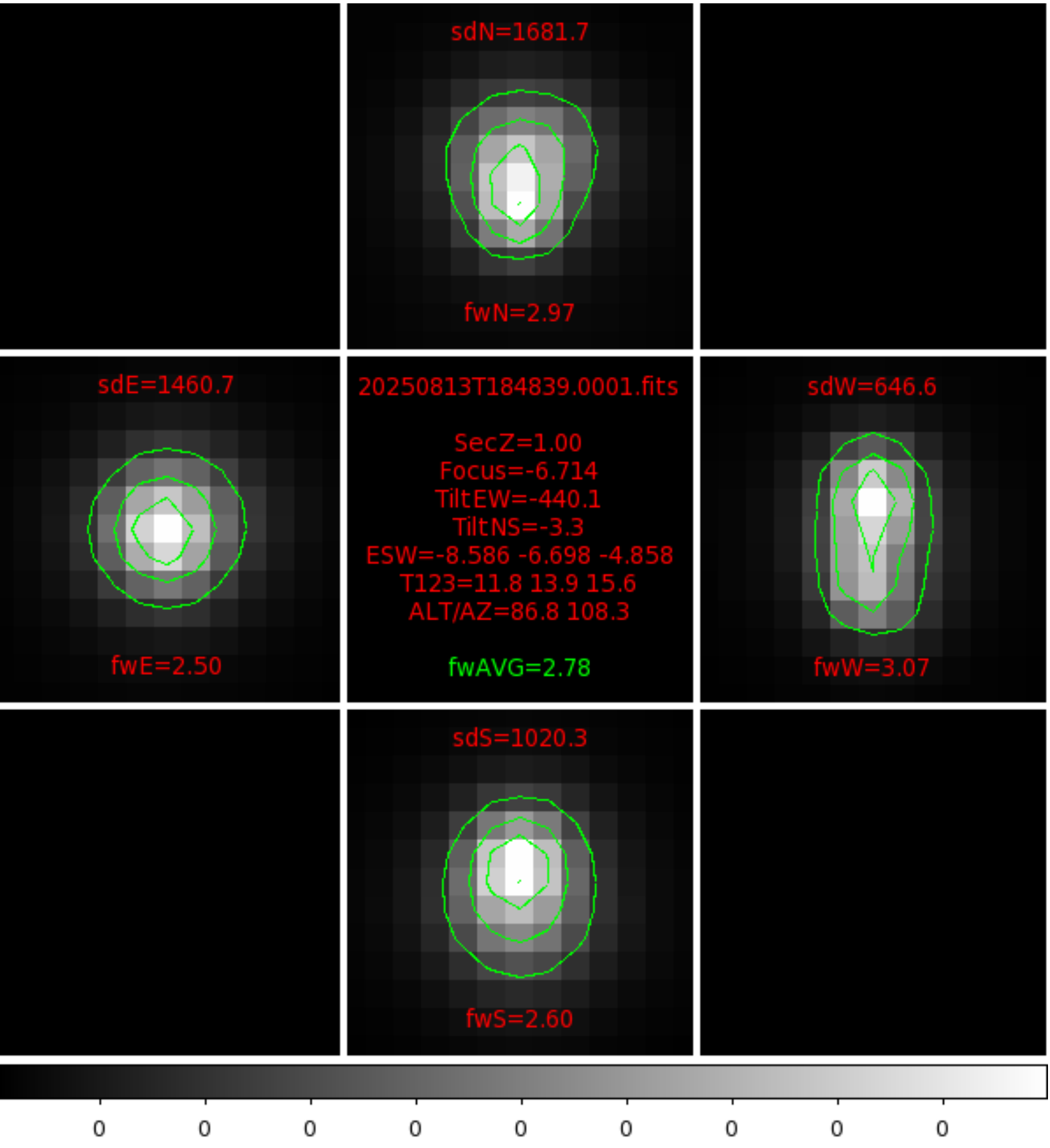
sdN=1681.7
fwN=2.97
sdE=1460.7
fwE=2.50
20250813T184839.0001.fits
SecZ=1.00
Focus=-6.714
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.586 -6.698 -4.858
T123=11.8 13.9 15.6
ALT/AZ=86.8 108.3
fwAVG=2.78
sdW=646.6
fwW=3.07
sdS=1020.3
fwS=2.60
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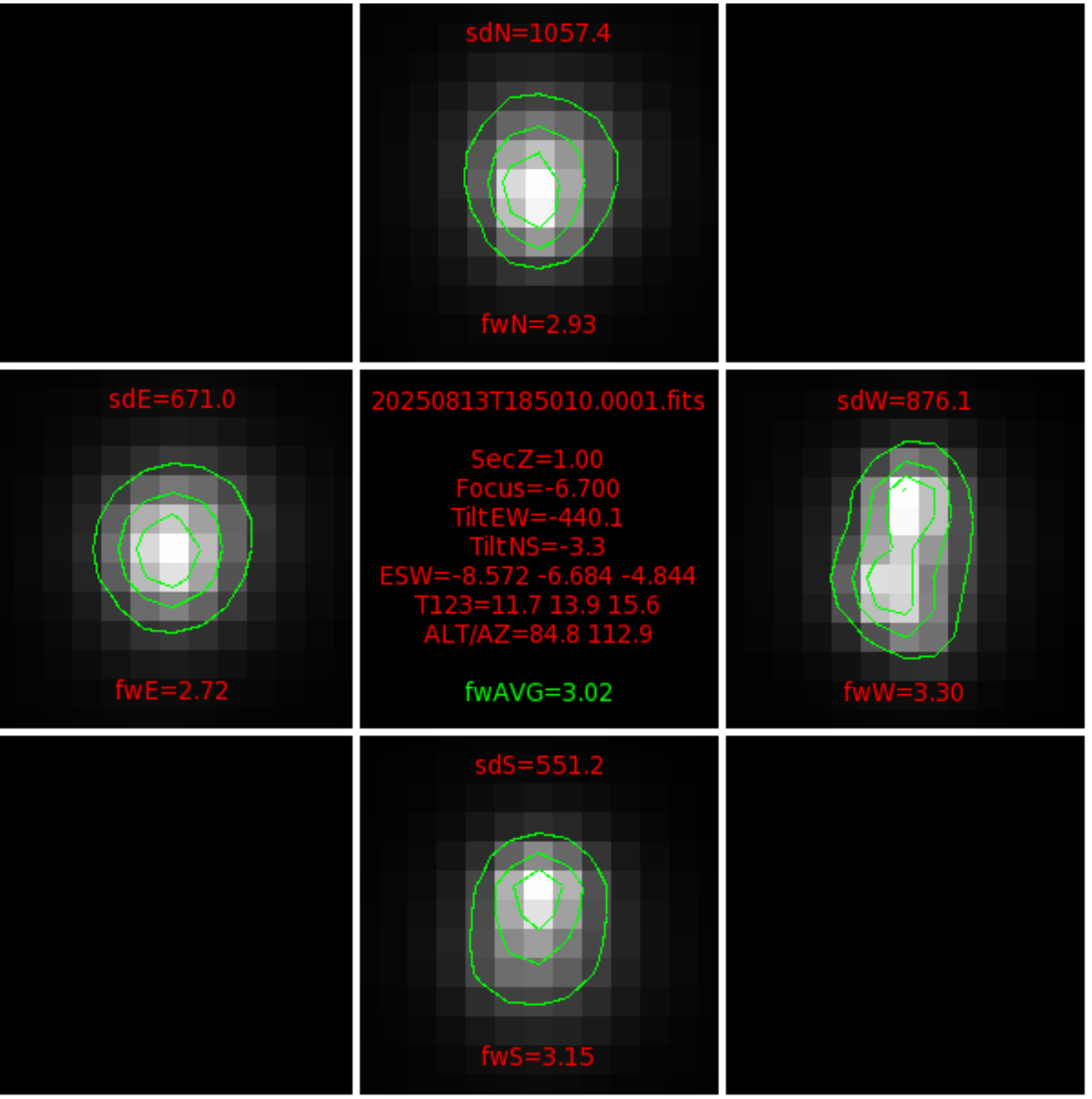
sdN=1057.4
fwN=2.93
sdE=671.0
fwE=2.72
20250813T185010.0001.fits
SecZ=1.00
Focus=-6.700
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.572 -6.684 -4.844
T123=11.7 13.9 15.6
ALT/AZ=84.8 112.9
fwAVG=3.02
sdW=876.1
fwW=3.30
sdS=551.2
fwS=3.15
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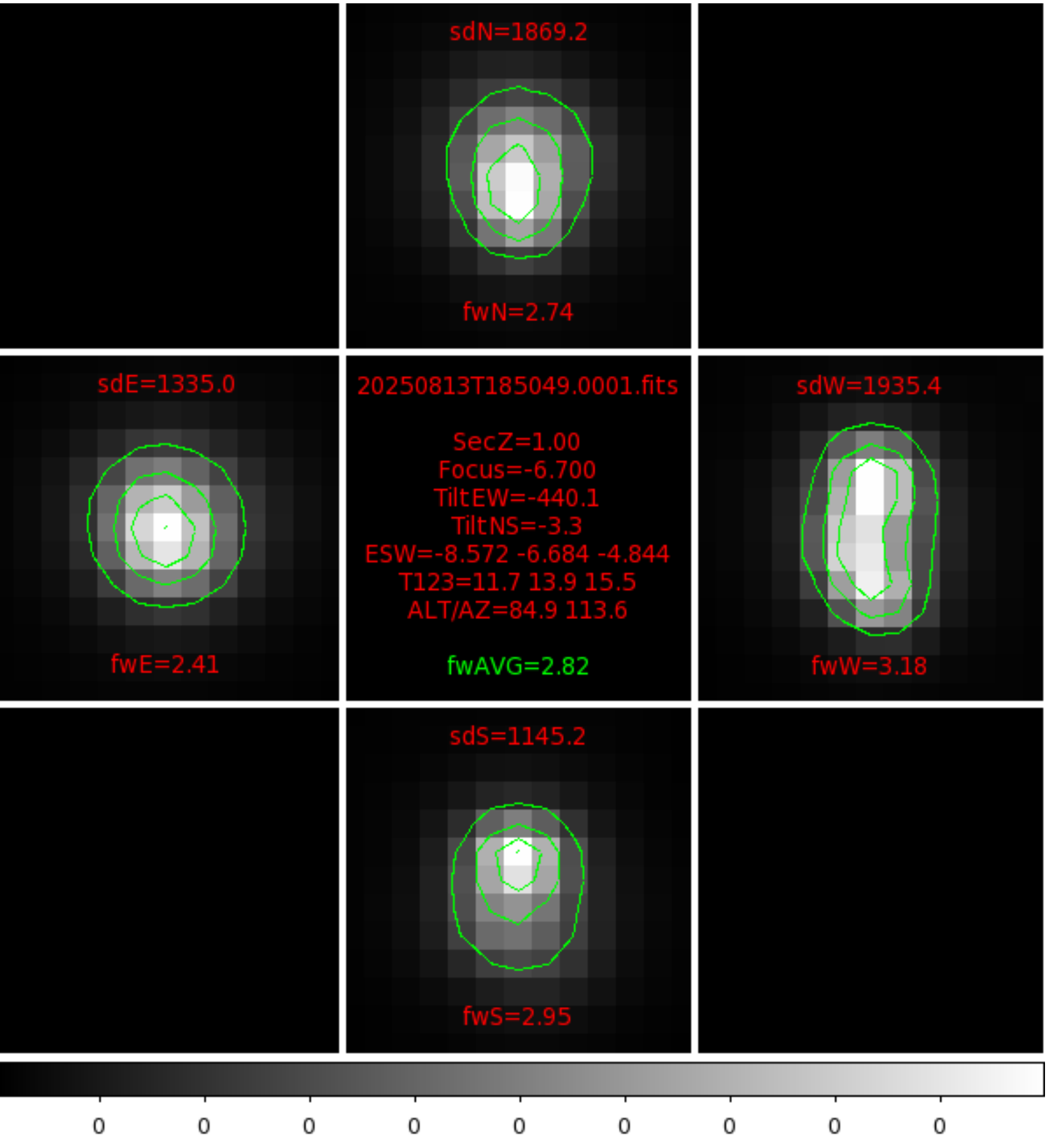
sdN=1869.2
fwN=2.74
sdE=1335.0
fwE=2.41
20250813T185049.0001.fits
SecZ=1.00
Focus=-6.700
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.572 -6.684 -4.844
T123=11.7 13.9 15.5
ALT/AZ=84.9 113.6
fwAVG=2.82
sdW=1935.4
fwW=3.18
sdS=1145.2
fwS=2.95
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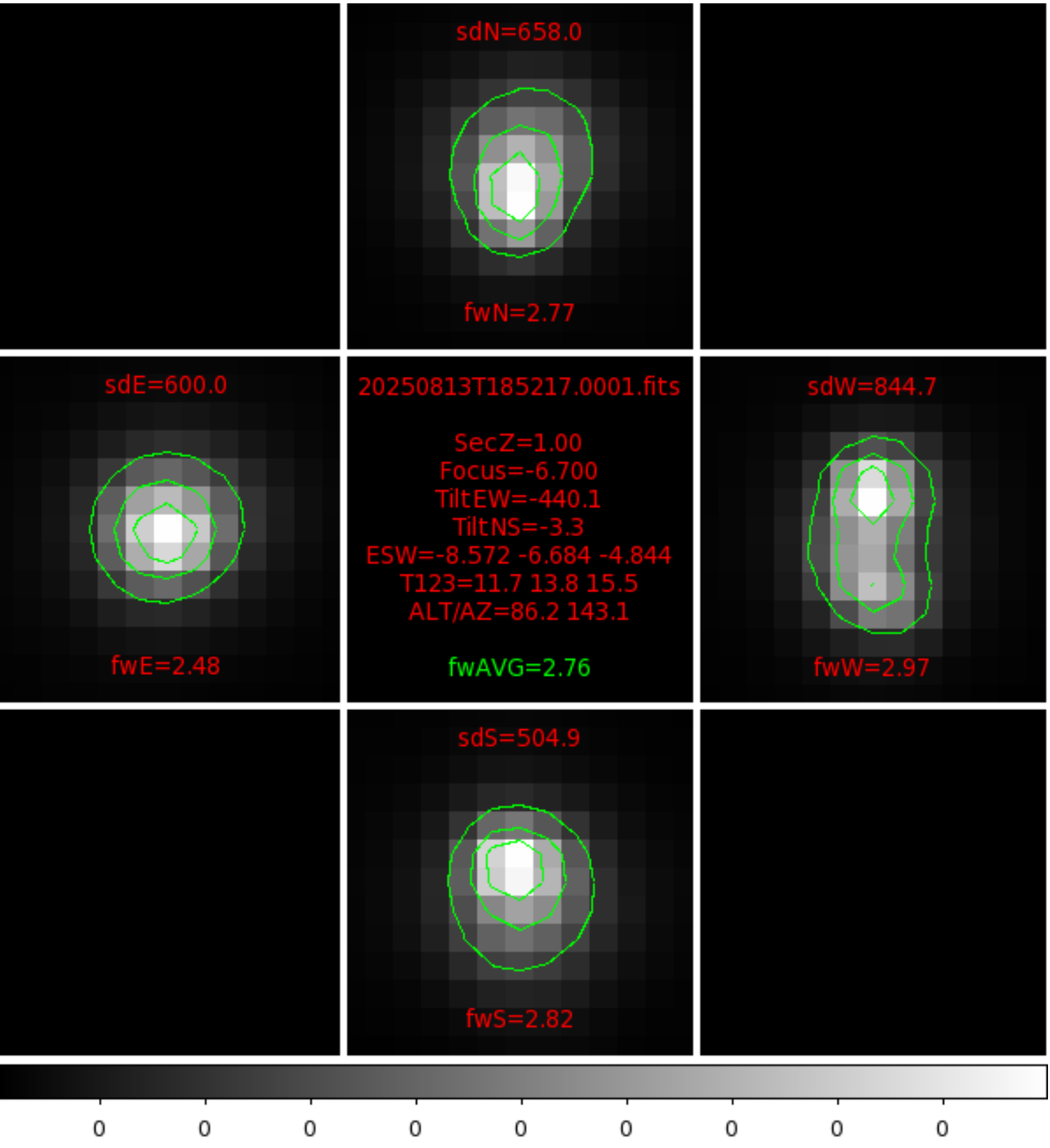
sdN=658.0
fwN=2.77
sdE=600.0
fwE=2.48
20250813T185217.0001.fits
SecZ=1.00
Focus=-6.700
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.572 -6.684 -4.844
T123=11.7 13.8 15.5
ALT/AZ=86.2 143.1
fwAVG=2.76
sdW=844.7
fwW=2.97
sdS=504.9
fwS=2.82
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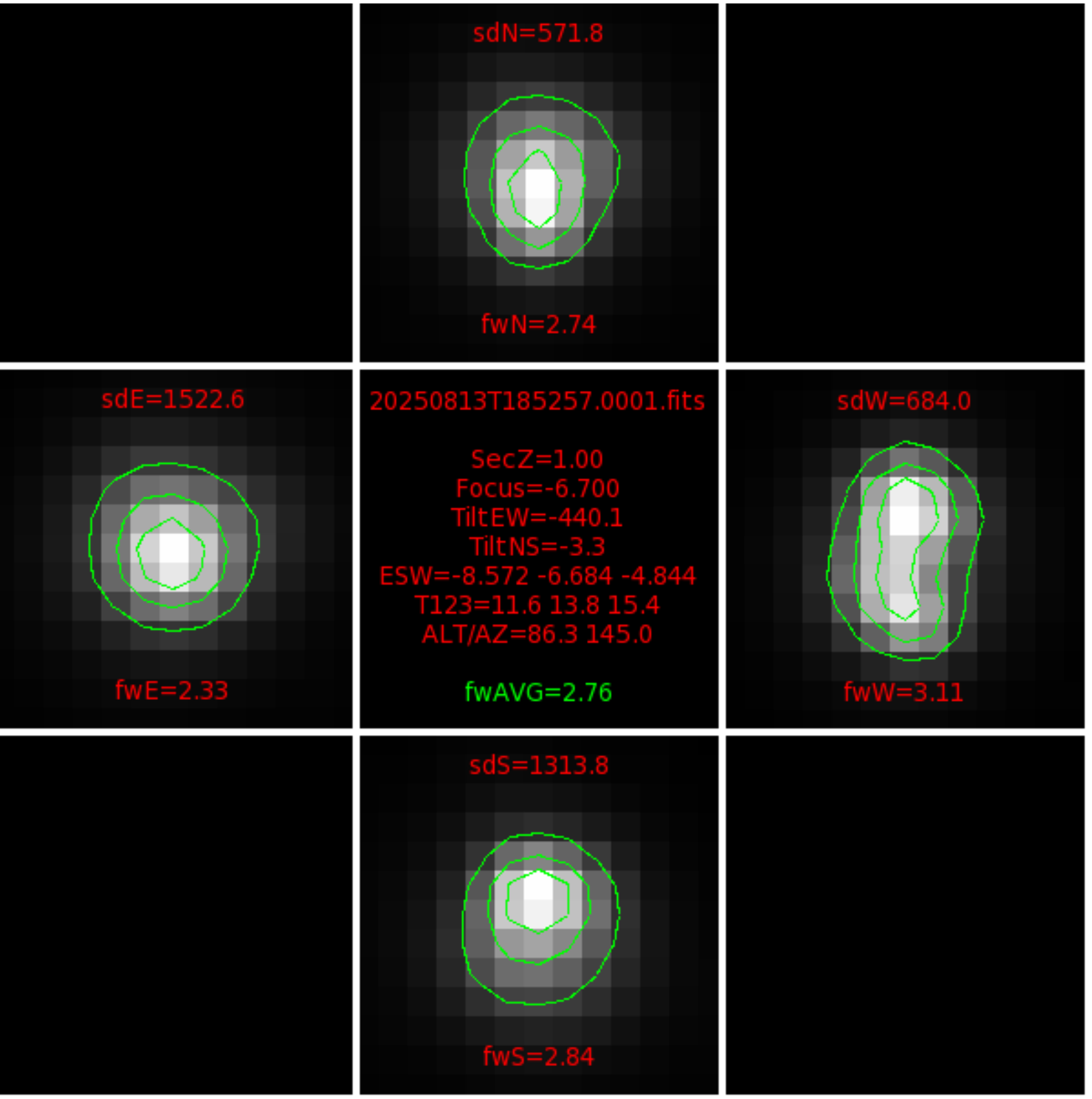
sdN=571.8
fwN=2.74
sdE=1522.6
fwE=2.33
20250813T185257.0001.fits
SecZ=1.00
Focus=-6.700
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.572 -6.684 -4.844
T123=11.6 13.8 15.4
ALT/AZ=86.3 145.0
fwAVG=2.76
sdW=684.0
fwW=3.11
sdS=1313.8
fwS=2.84
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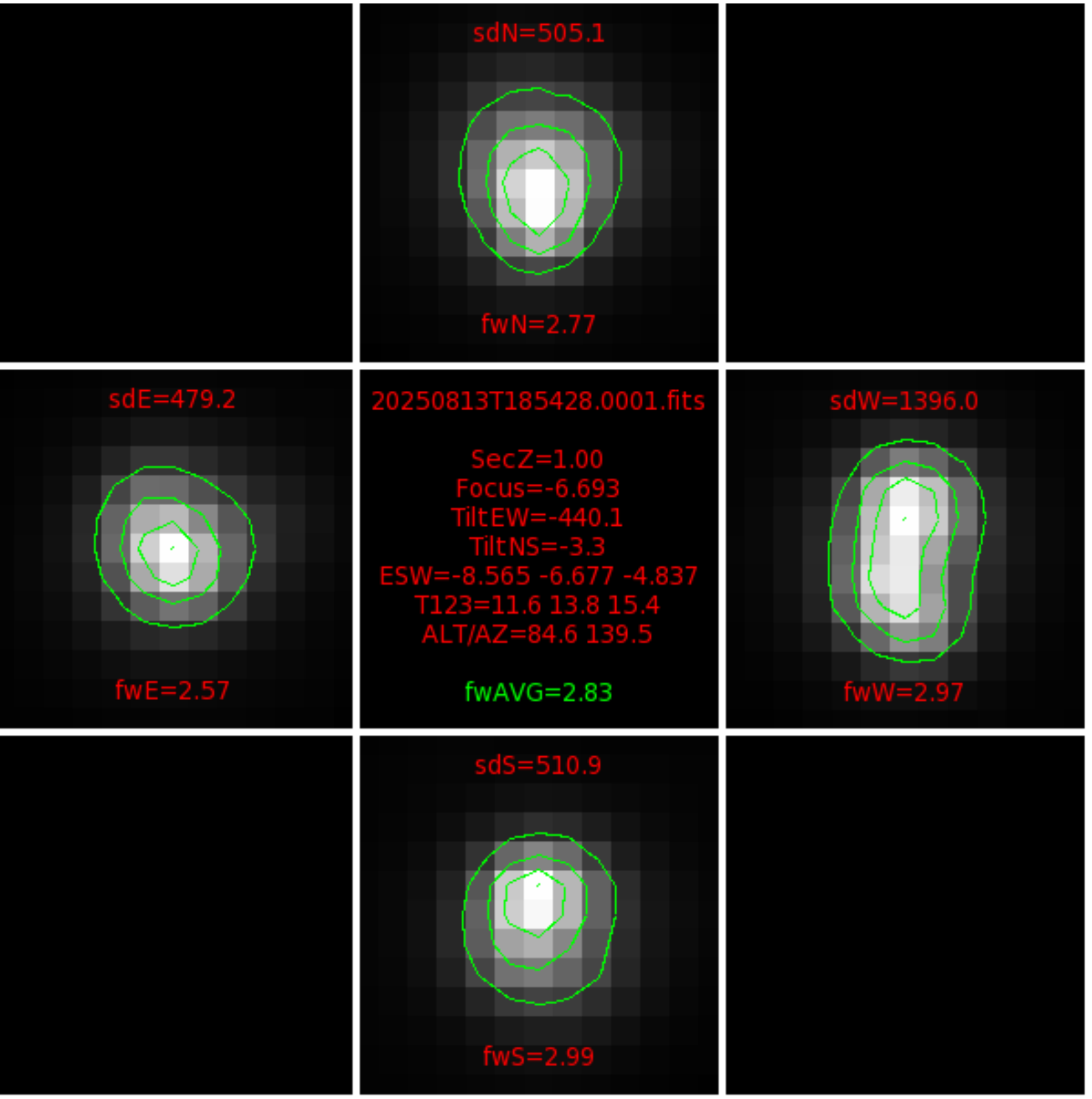
sdN=505.1
fwN=2.77
sdE=479.2
fwE=2.57
20250813T185428.0001.fits
SecZ=1.00
Focus=-6.693
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.565 -6.677 -4.837
T123=11.6 13.8 15.4
ALT/AZ=84.6 139.5
fwAVG=2.83
sdW=1396.0
fwW=2.97
sdS=510.9
fwS=2.99
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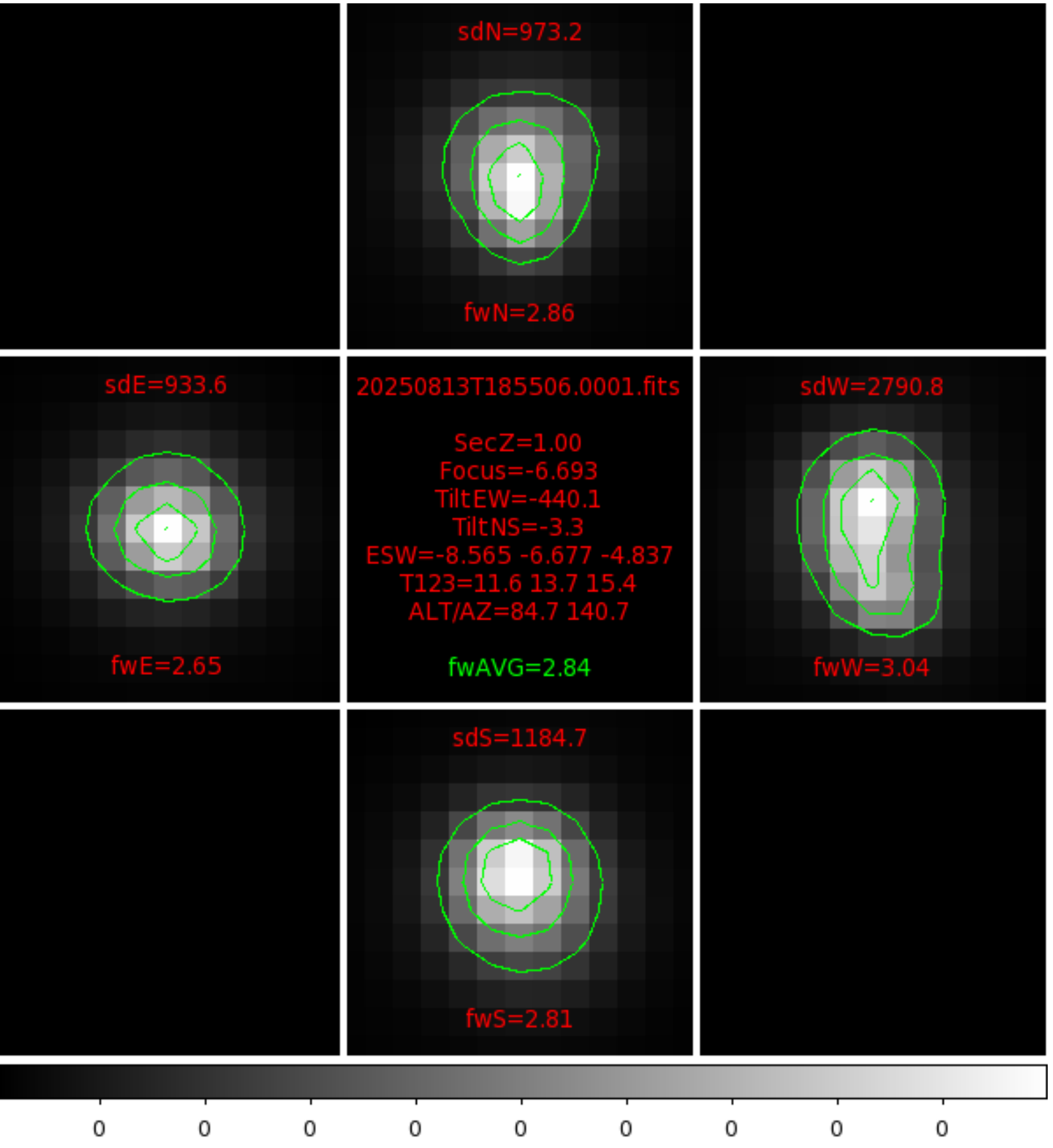
sdN=973.2
fwN=2.86
sdE=933.6
fwE=2.65
20250813T185506.0001.fits
SecZ=1.00
Focus=-6.693
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.565 -6.677 -4.837
T123=11.6 13.7 15.4
ALT/AZ=84.7 140.7
fwAVG=2.84
sdW=2790.8
fwW=3.04
sdS=1184.7
fwS=2.81
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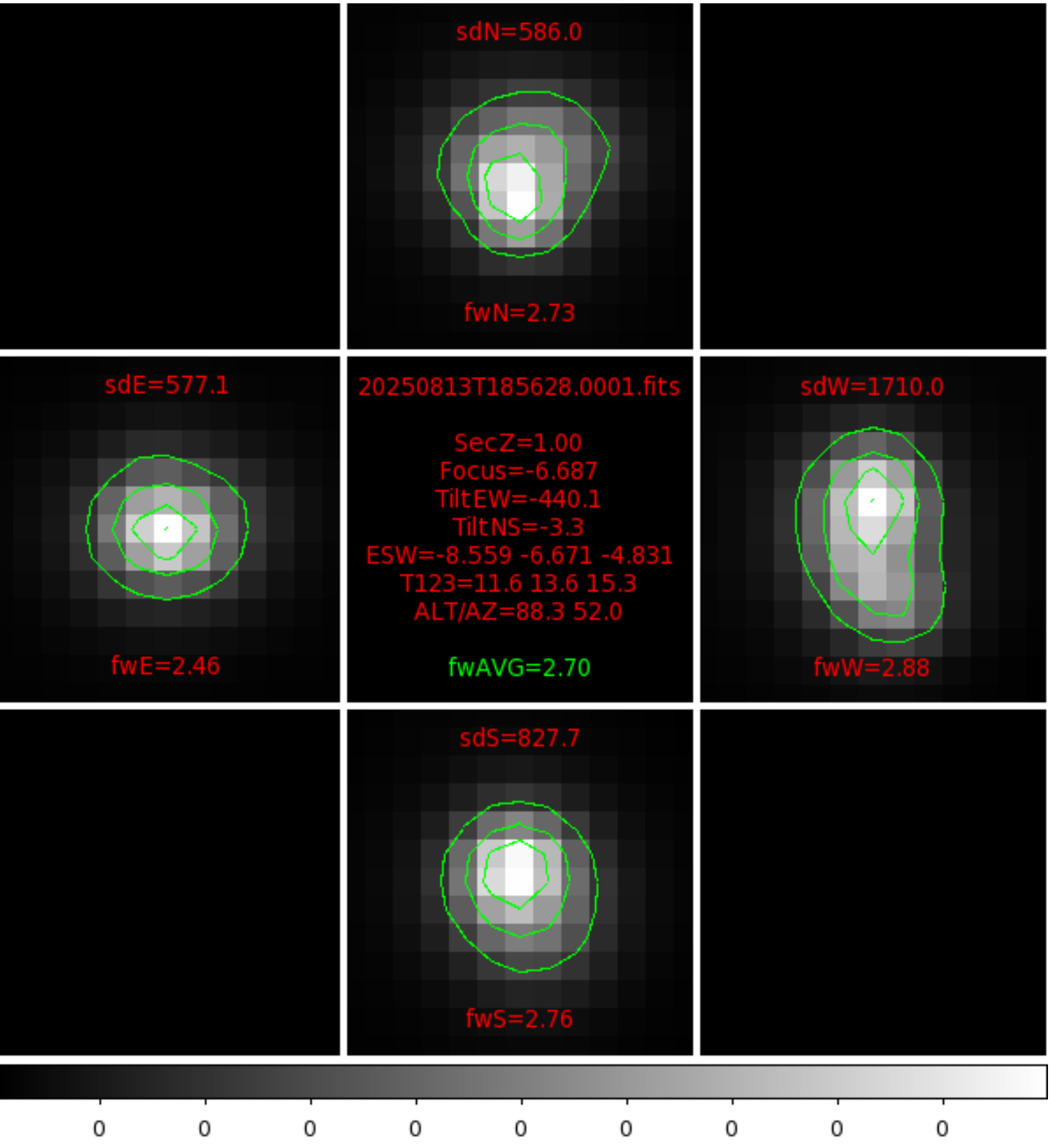
sdN=586.0
fwN=2.73
sdE=577.1
fwE=2.46
20250813T185628.0001.fits
SecZ=1.00
Focus=-6.687
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.559 -6.671 -4.831
T123=11.6 13.6 15.3
ALT/AZ=88.3 52.0
fwAVG=2.70
sdW=1710.0
fwW=2.88
sdS=827.7
fwS=2.76
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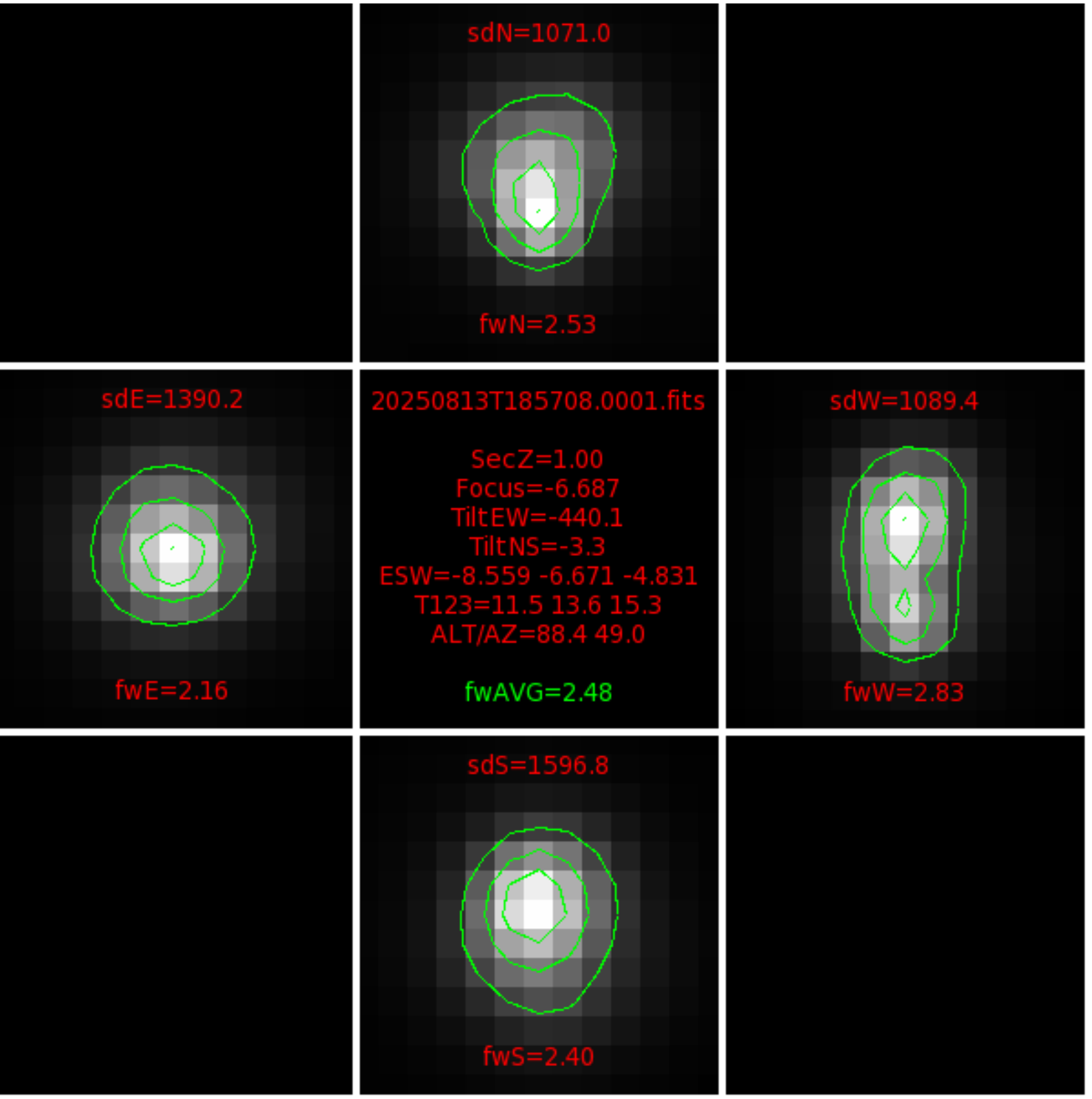
sdN=1071.0
fwN=2.53
sdE=1390.2
fwE=2.16
20250813T185708.0001.fits
SecZ=1.00
Focus=-6.687
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.559 -6.671 -4.831
T123=11.5 13.6 15.3
ALT/AZ=88.4 49.0
fwAVG=2.48
sdW=1089.4
fwW=2.83
sdS=1596.8
fwS=2.40
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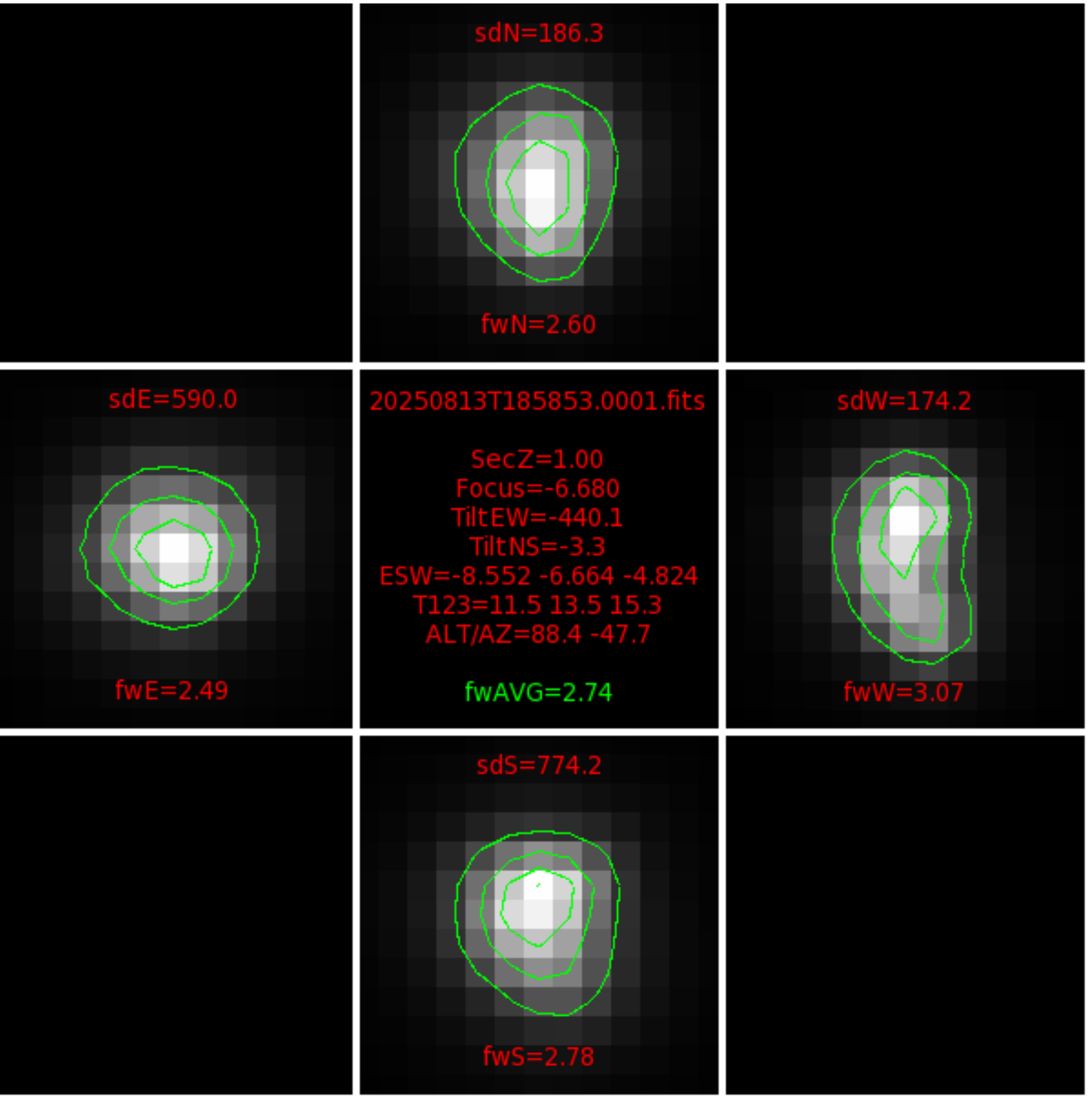
sdN=186.3
fwN=2.60
sdE=590.0
fwE=2.49
20250813T185853.0001.fits
SecZ=1.00
Focus=-6.680
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.552 -6.664 -4.824
T123=11.5 13.5 15.3
ALT/AZ=88.4 -47.7
fwAVG=2.74
sdW=174.2
fwW=3.07
sdS=774.2
fwS=2.78
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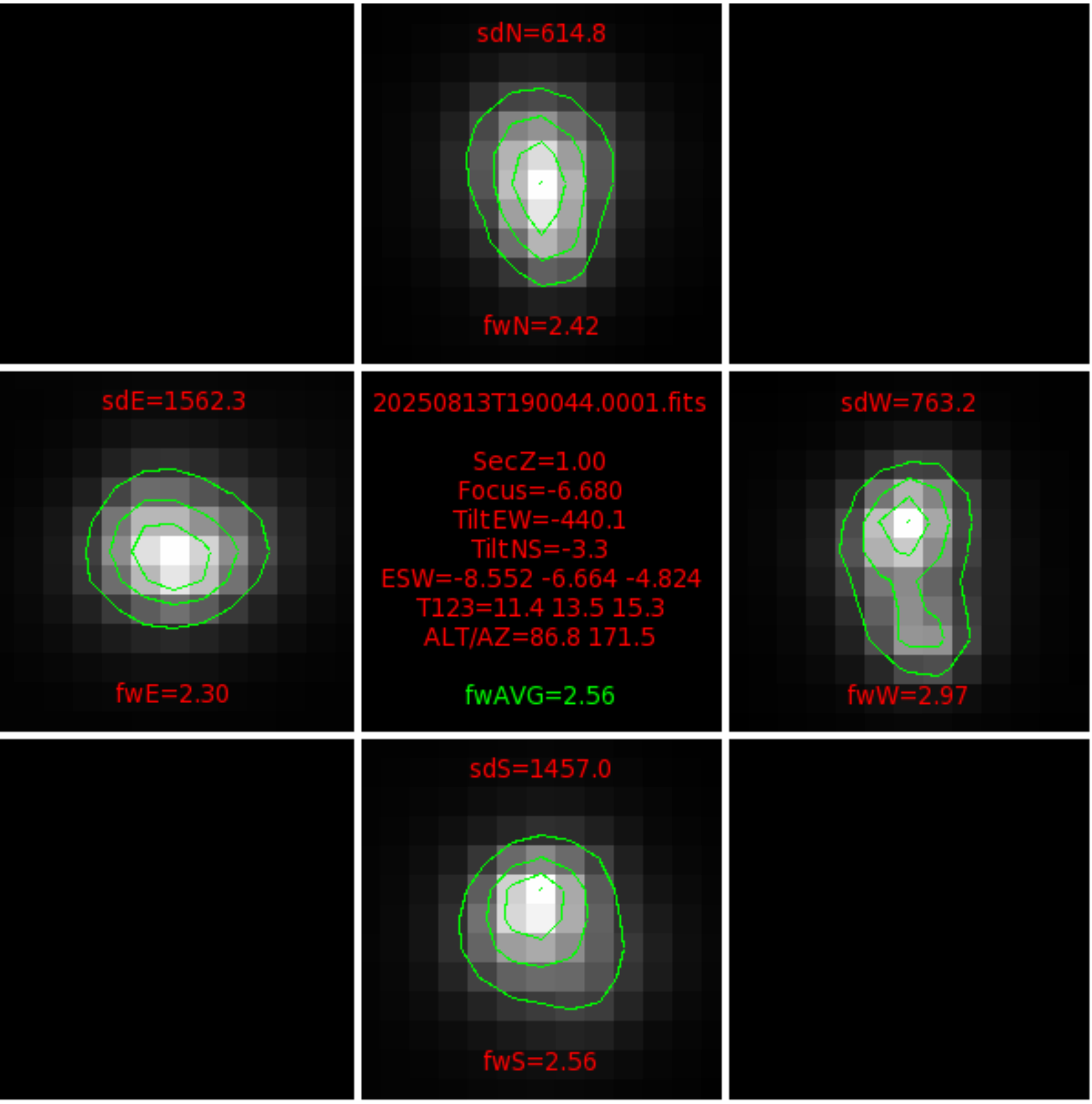
sdN=614.8
fwN=2.42
sdE=1562.3
fwE=2.30
20250813T190044.0001.fits
SecZ=1.00
Focus=-6.680
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.552 -6.664 -4.824
T123=11.4 13.5 15.3
ALT/AZ=86.8 171.5
fwAVG=2.56
sdW=763.2
fwW=2.97
sdS=1457.0
fwS=2.56
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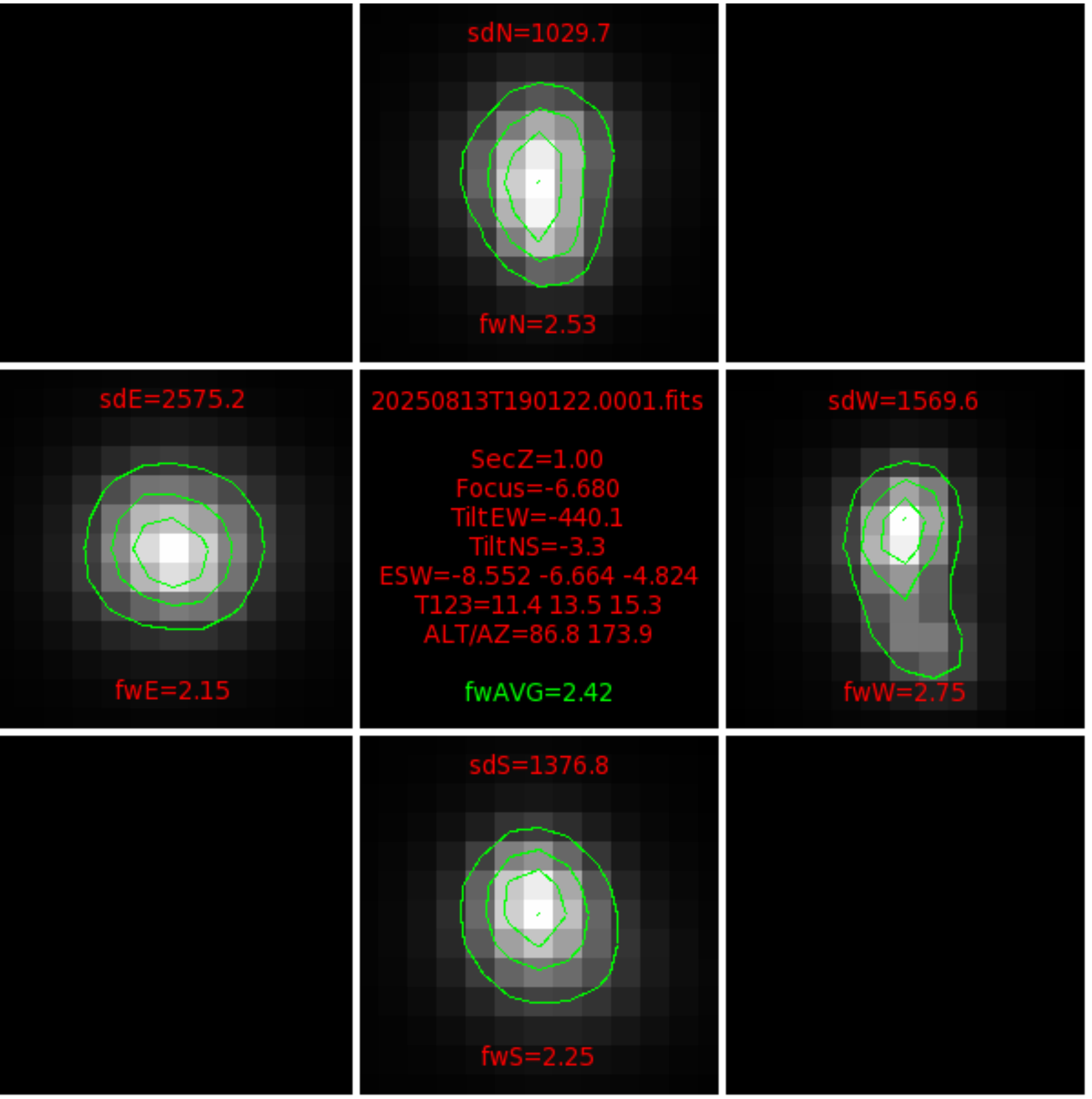
sdN=1029.7
fwN=2.53
sdE=2575.2
fwE=2.15
20250813T190122.0001.fits
SecZ=1.00
Focus=-6.680
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.552 -6.664 -4.824
T123=11.4 13.5 15.3
ALT/AZ=86.8 173.9
fwAVG=2.42
sdW=1569.6
fwW=2.75
sdS=1376.8
fwS=2.25
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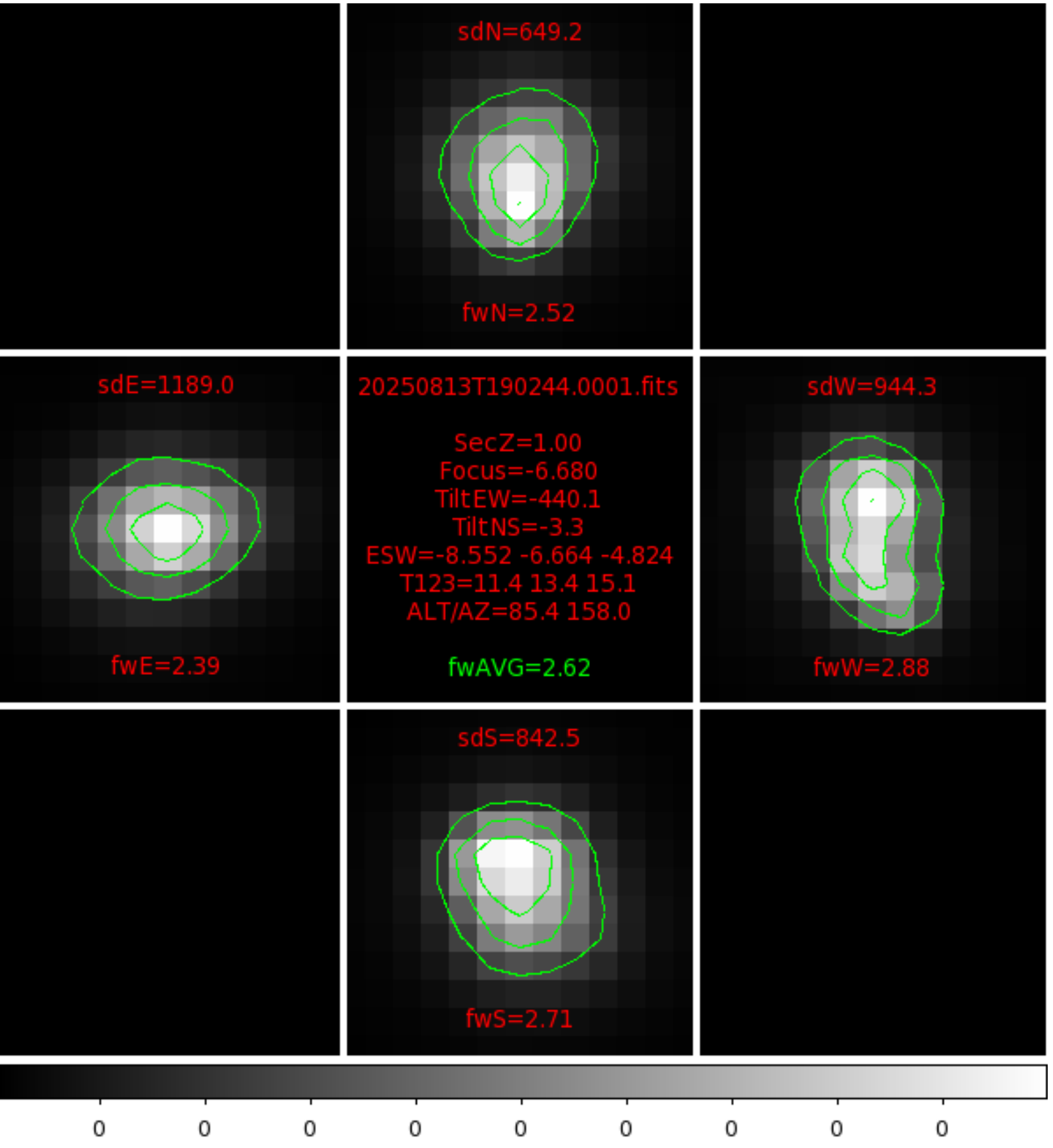
sdN=649.2
fwN=2.52
sdE=1189.0
fwE=2.39
20250813T190244.0001.fits
SecZ=1.00
Focus=-6.680
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.552 -6.664 -4.824
T123=11.4 13.4 15.1
ALT/AZ=85.4 158.0
fwAVG=2.62
sdW=944.3
fwW=2.88
sdS=842.5
fwS=2.71
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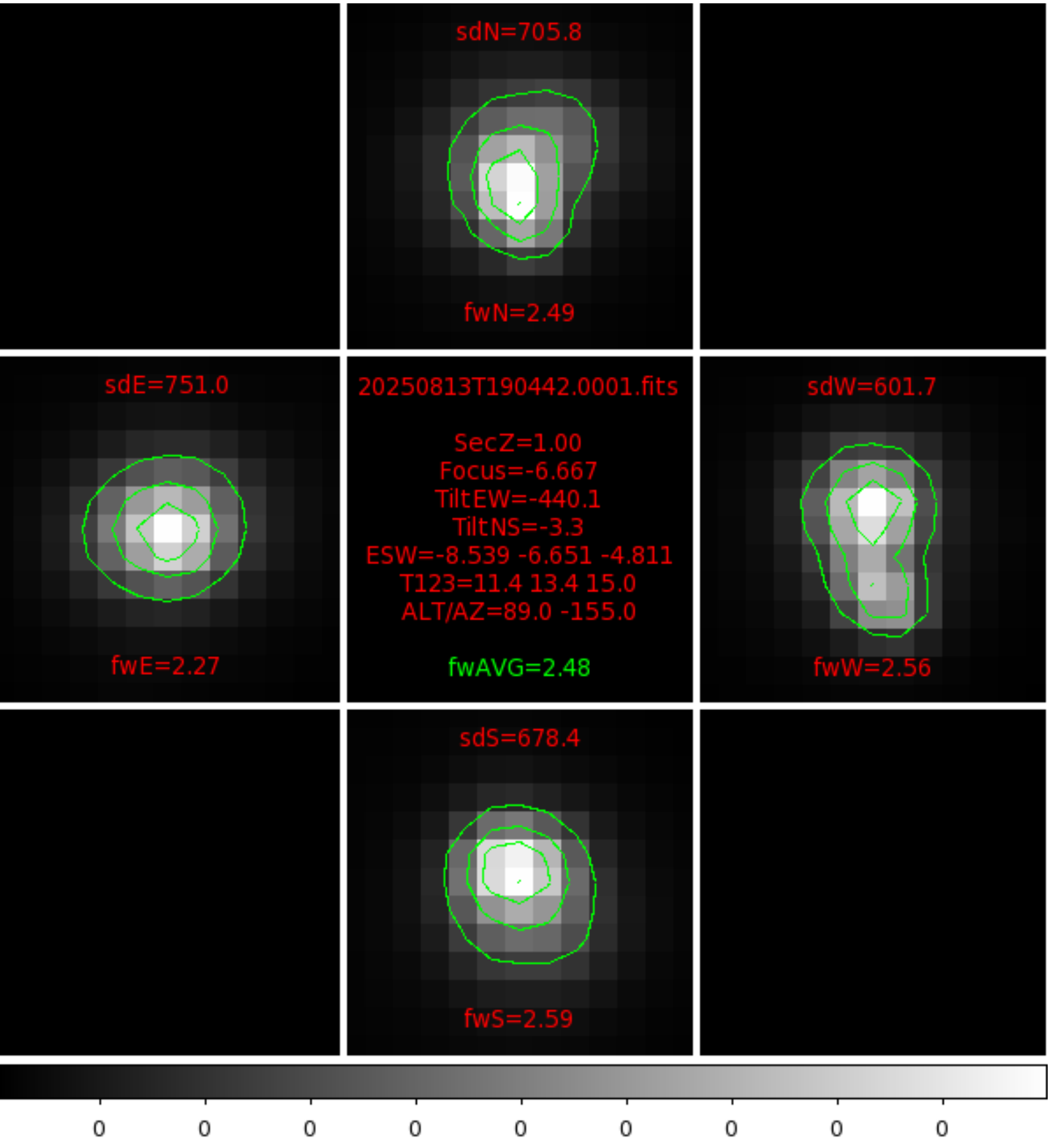
sdN=705.8
fwN=2.49
sdE=751.0
fwE=2.27
20250813T190442.0001.fits
SecZ=1.00
Focus=-6.667
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.539 -6.651 -4.811
T123=11.4 13.4 15.0
ALT/AZ=89.0 -155.0
fwAVG=2.48
sdW=601.7
fwW=2.56
sdS=678.4
fwS=2.59
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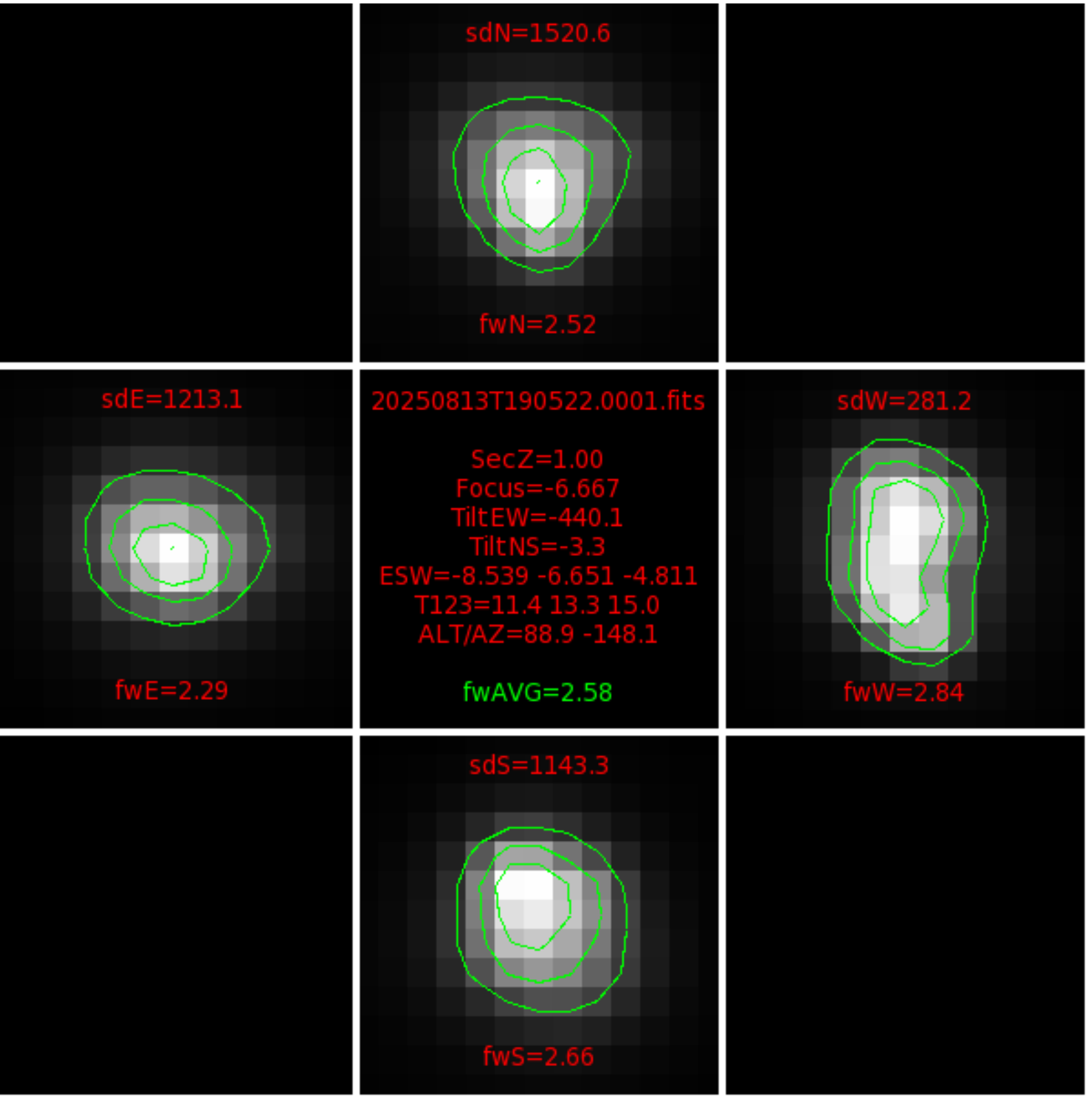
sdN=1520.6
fwN=2.52
sdE=1213.1
fwE=2.29
20250813T190522.0001.fits
SecZ=1.00
Focus=-6.667
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.539 -6.651 -4.811
T123=11.4 13.3 15.0
ALT/AZ=88.9 -148.1
fwAVG=2.58
sdW=281.2
fwW=2.84
sdS=1143.3
fwS=2.66
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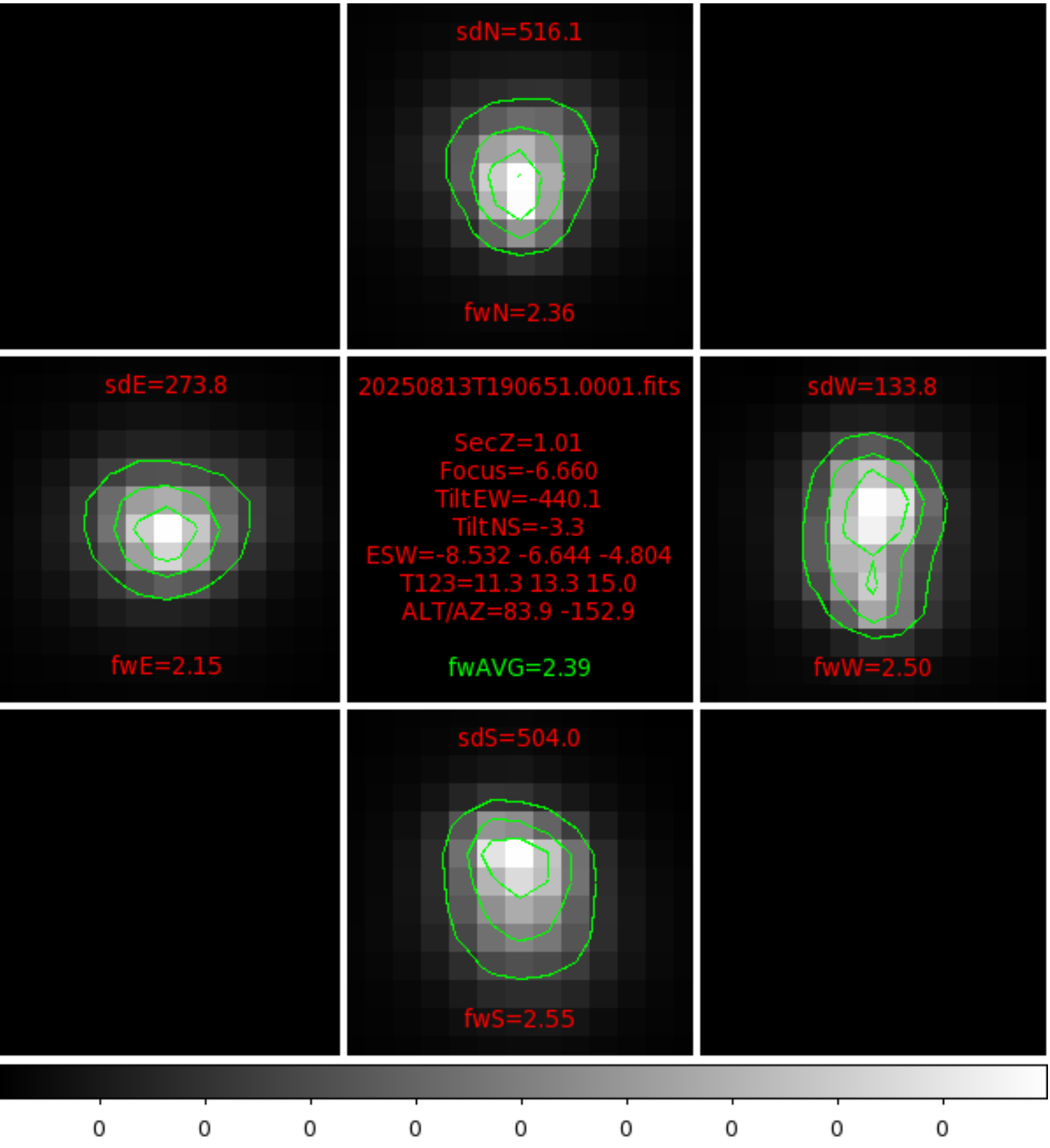
sdN=516.1
fwN=2.36
sdE=273.8
fwE=2.15
20250813T190651.0001.fits
SecZ=1.01
Focus=-6.660
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.532 -6.644 -4.804
T123=11.3 13.3 15.0
ALT/AZ=83.9 -152.9
fwAVG=2.39
sdW=133.8
fwW=2.50
sdS=504.0
fwS=2.55
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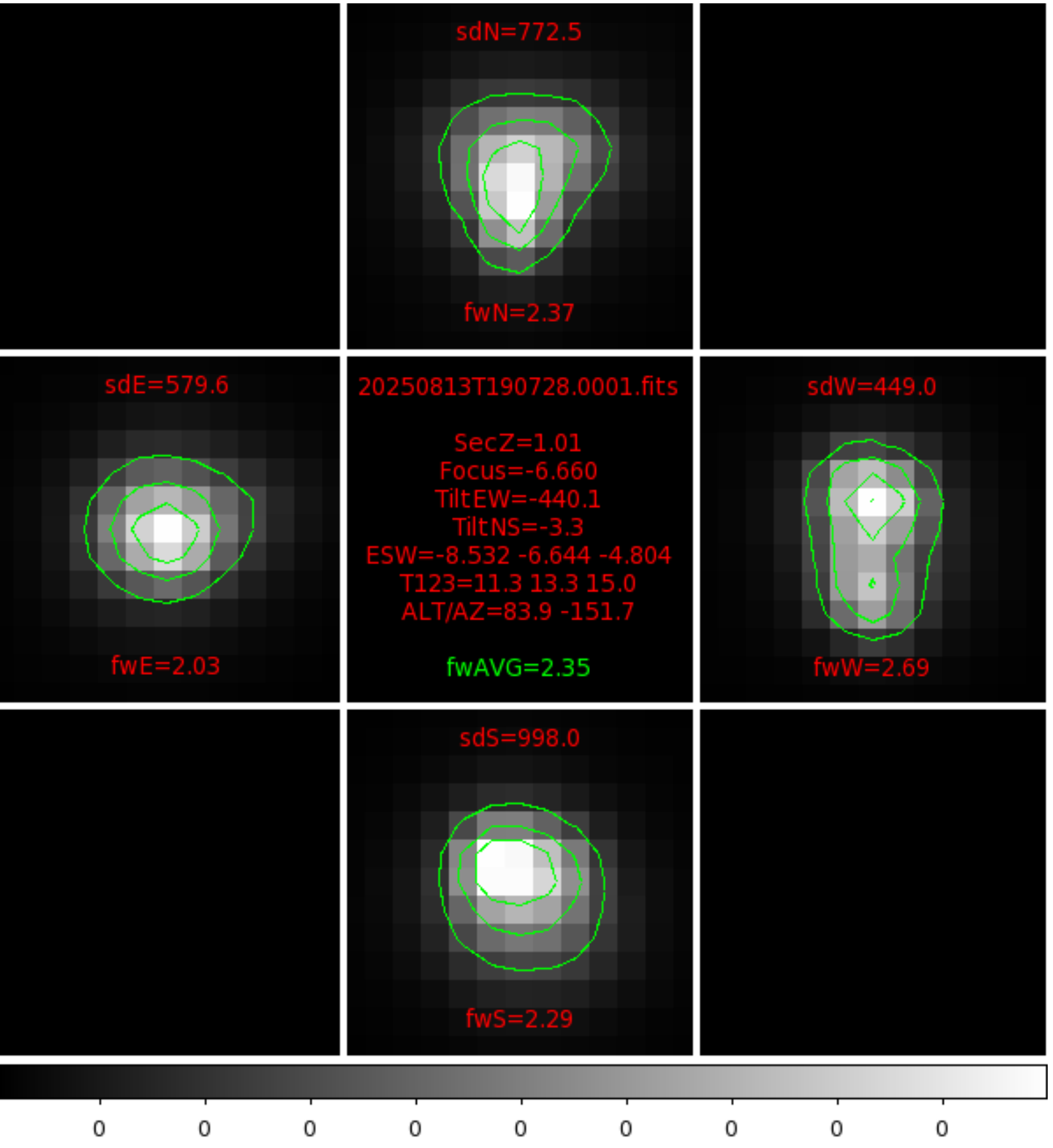
sdN=772.5
fwN=2.37
sdE=579.6
fwE=2.03
20250813T190728.0001.fits
SecZ=1.01
Focus=-6.660
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.532 -6.644 -4.804
T123=11.3 13.3 15.0
ALT/AZ=83.9 -151.7
fwAVG=2.35
sdW=449.0
fwW=2.69
sdS=998.0
fwS=2.29
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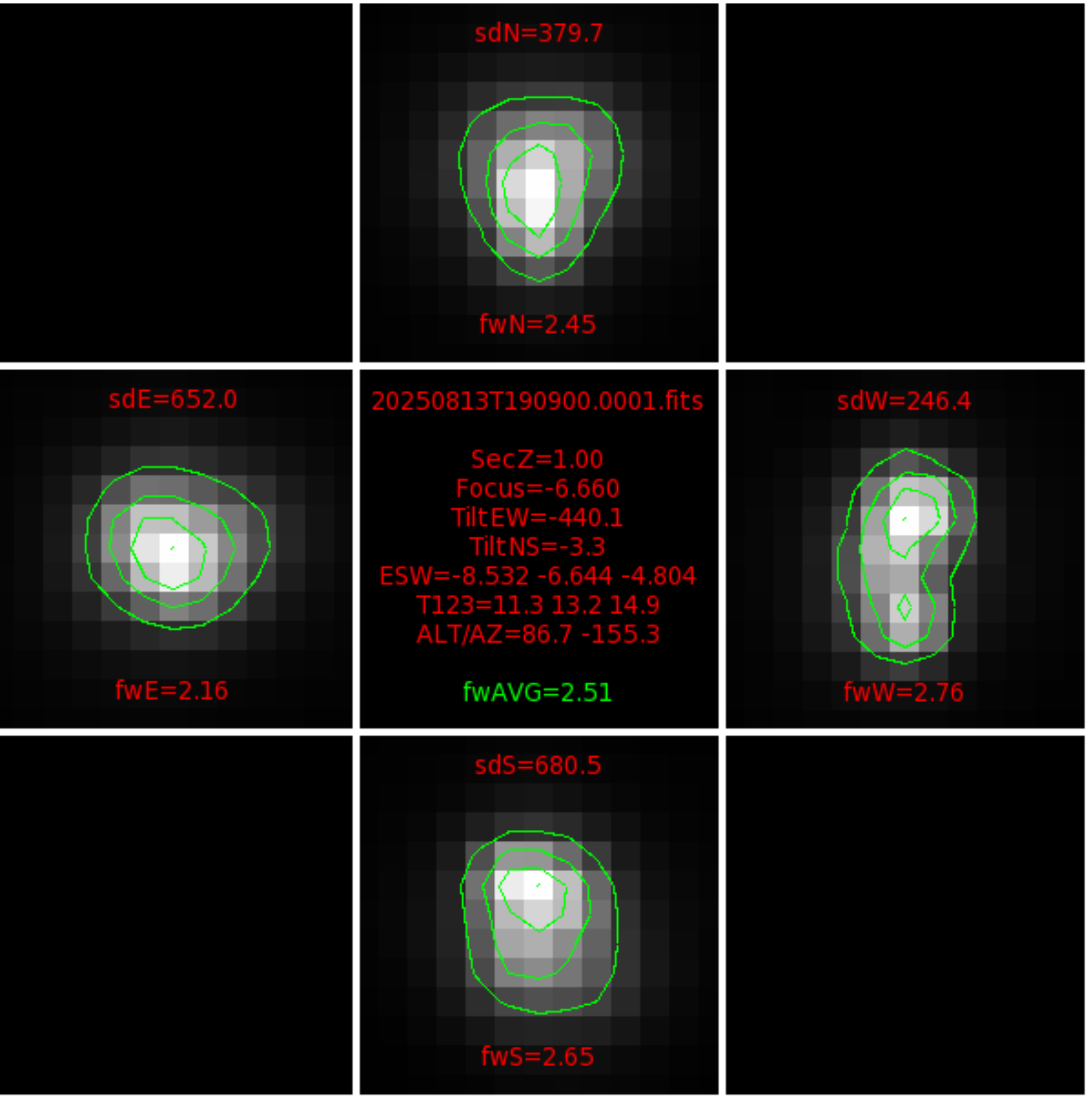
sdN=379.7
fwN=2.45
sdE=652.0
fwE=2.16
20250813T190900.0001.fits
SecZ=1.00
Focus=-6.660
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.532 -6.644 -4.804
T123=11.3 13.2 14.9
ALT/AZ=86.7 -155.3
fwAVG=2.51
sdW=246.4
fwW=2.76
sdS=680.5
fwS=2.65
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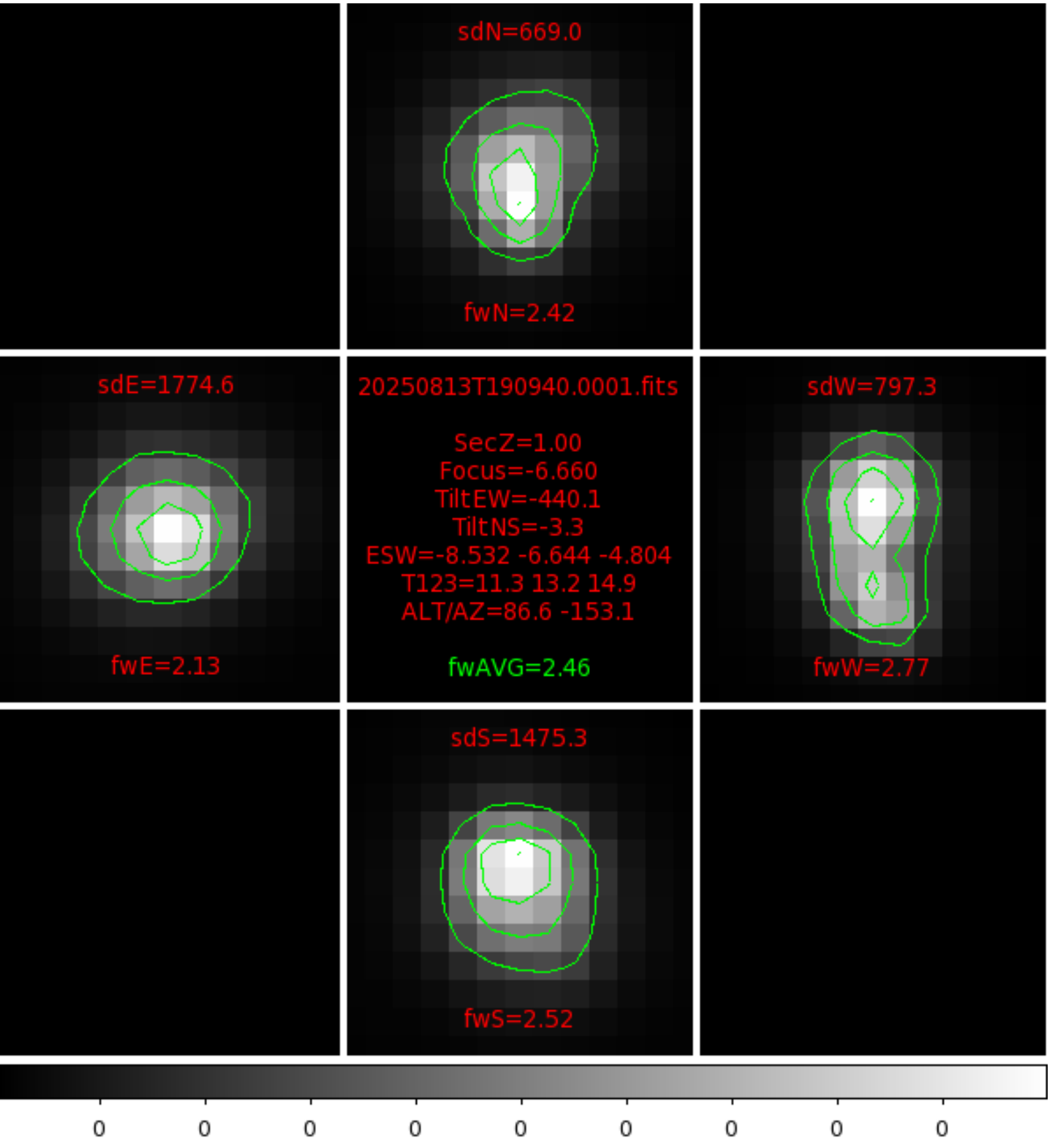
sdN=669.0
fwN=2.42
sdE=1774.6
fwE=2.13
20250813T190940.0001.fits
SecZ=1.00
Focus=-6.660
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.532 -6.644 -4.804
T123=11.3 13.2 14.9
ALT/AZ=86.6 -153.1
fwAVG=2.46
sdW=797.3
fwW=2.77
sdS=1475.3
fwS=2.52
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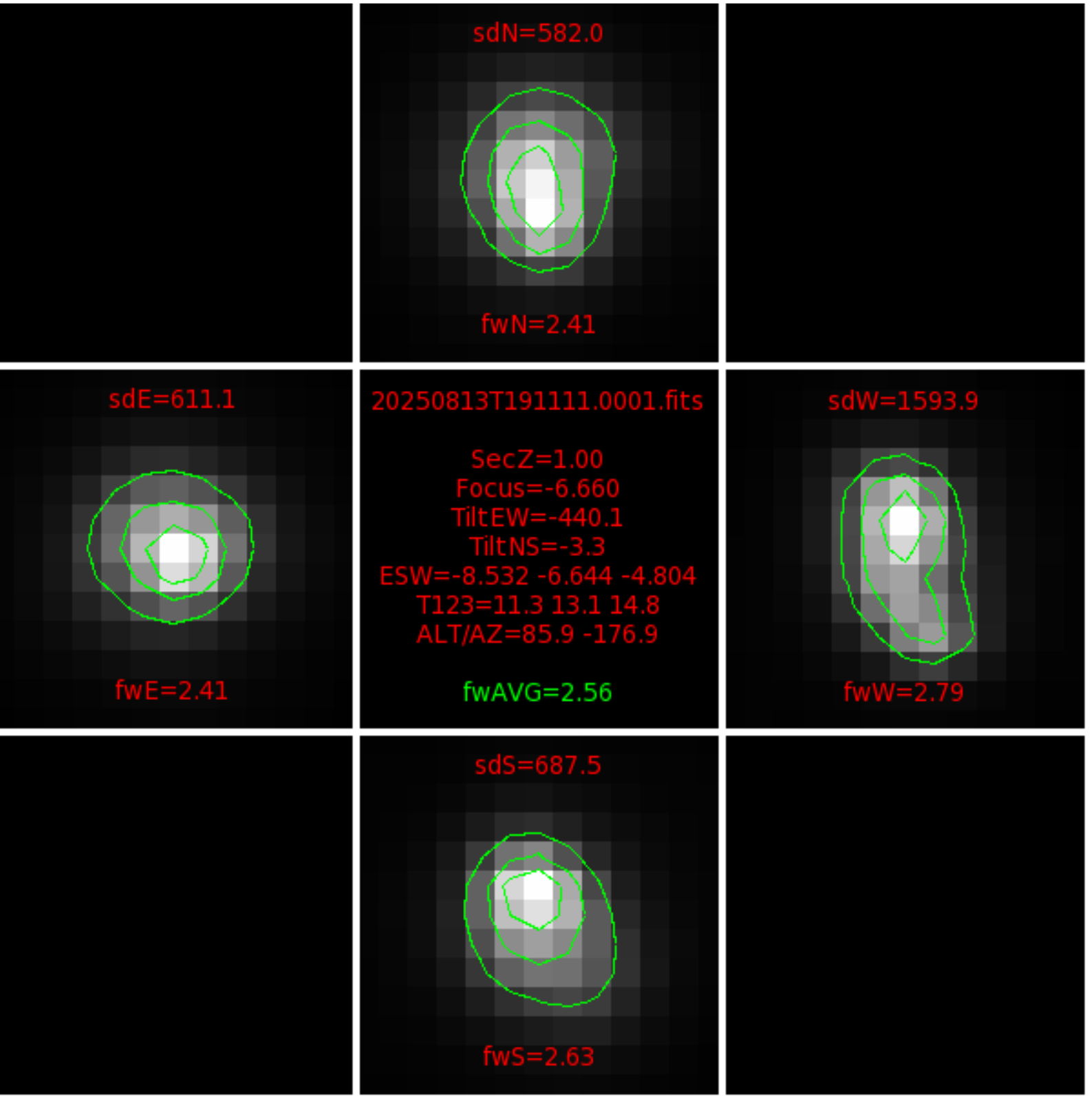
sdN=582.0
fwN=2.41
sdE=611.1
fwE=2.41
20250813T191111.0001.fits
SecZ=1.00
Focus=-6.660
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.532 -6.644 -4.804
T123=11.3 13.1 14.8
ALT/AZ=85.9 -176.9
fwAVG=2.56
sdW=1593.9
fwW=2.79
sdS=687.5
fwS=2.63
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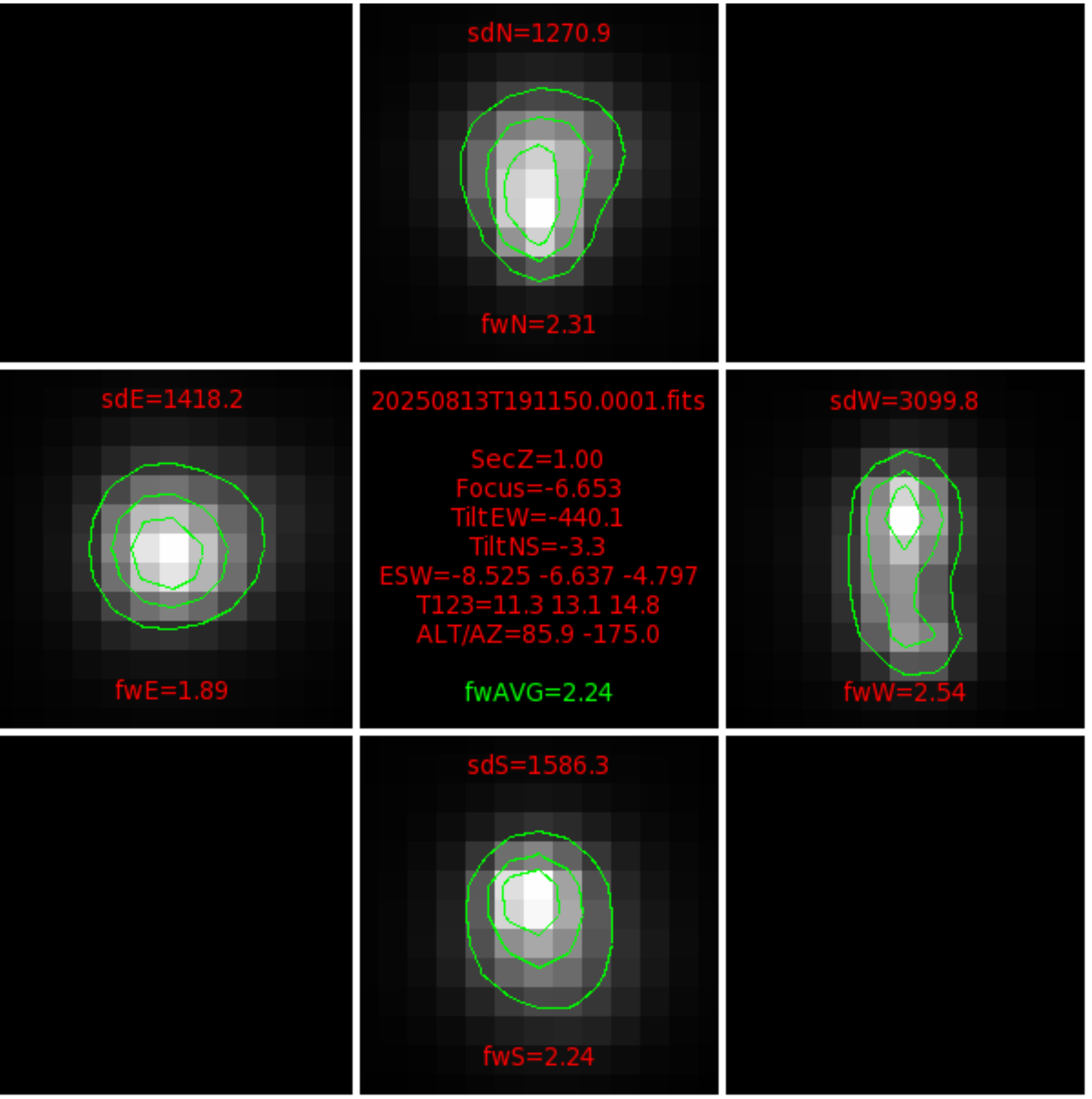
sdN=1270.9
fwN=2.31
sdE=1418.2
fwE=1.89
20250813T191150.0001.fits
SecZ=1.00
Focus=-6.653
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.525 -6.637 -4.797
T123=11.3 13.1 14.8
ALT/AZ=85.9 -175.0
fwAVG=2.24
sdW=3099.8
fwW=2.54
sdS=1586.3
fwS=2.24
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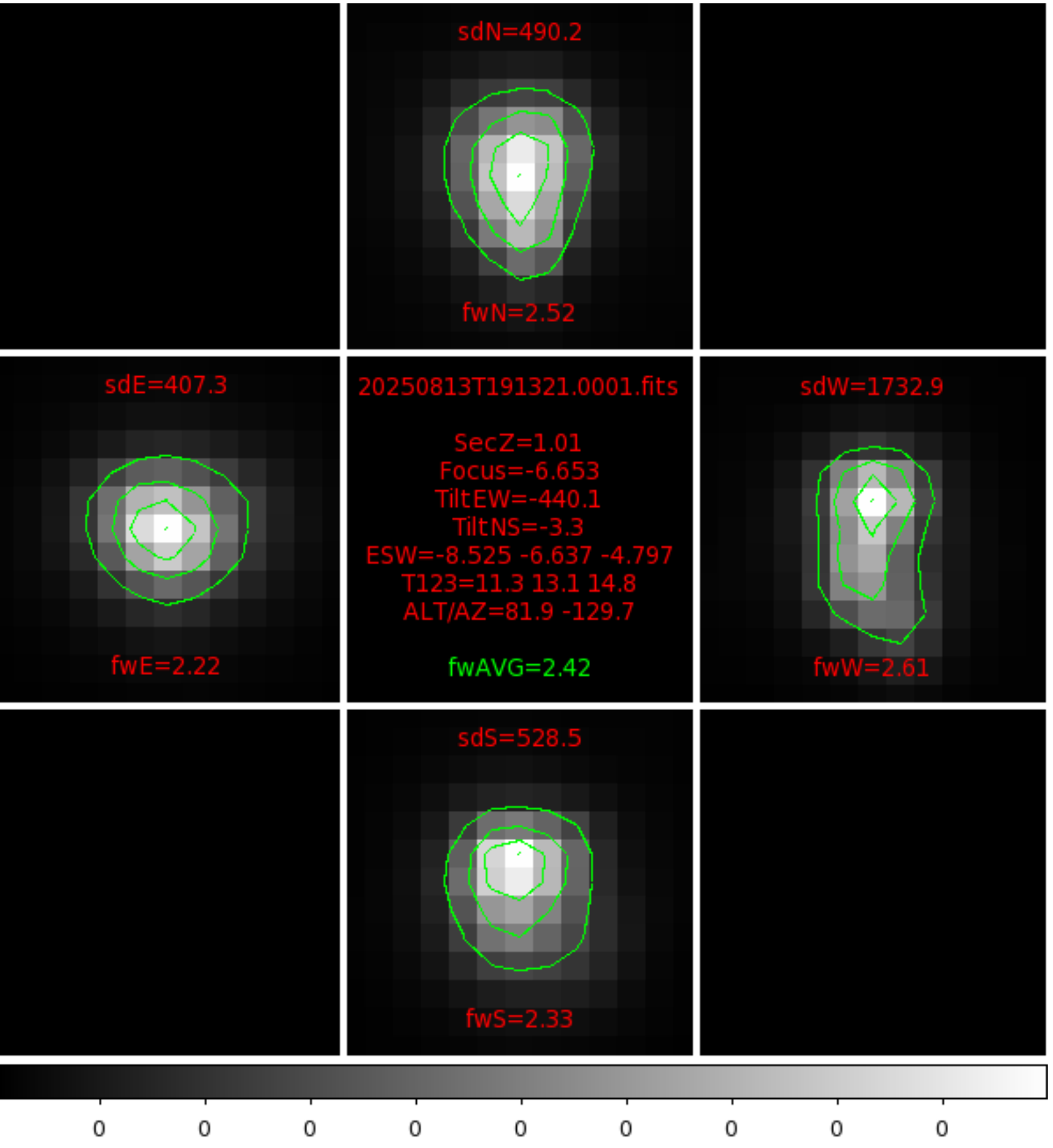
sdN=490.2
fwN=2.52
sdE=407.3
fwE=2.22
20250813T191321.0001.fits
SecZ=1.01
Focus=-6.653
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.525 -6.637 -4.797
T123=11.3 13.1 14.8
ALT/AZ=81.9 -129.7
fwAVG=2.42
sdW=1732.9
fwW=2.61
sdS=528.5
fwS=2.33
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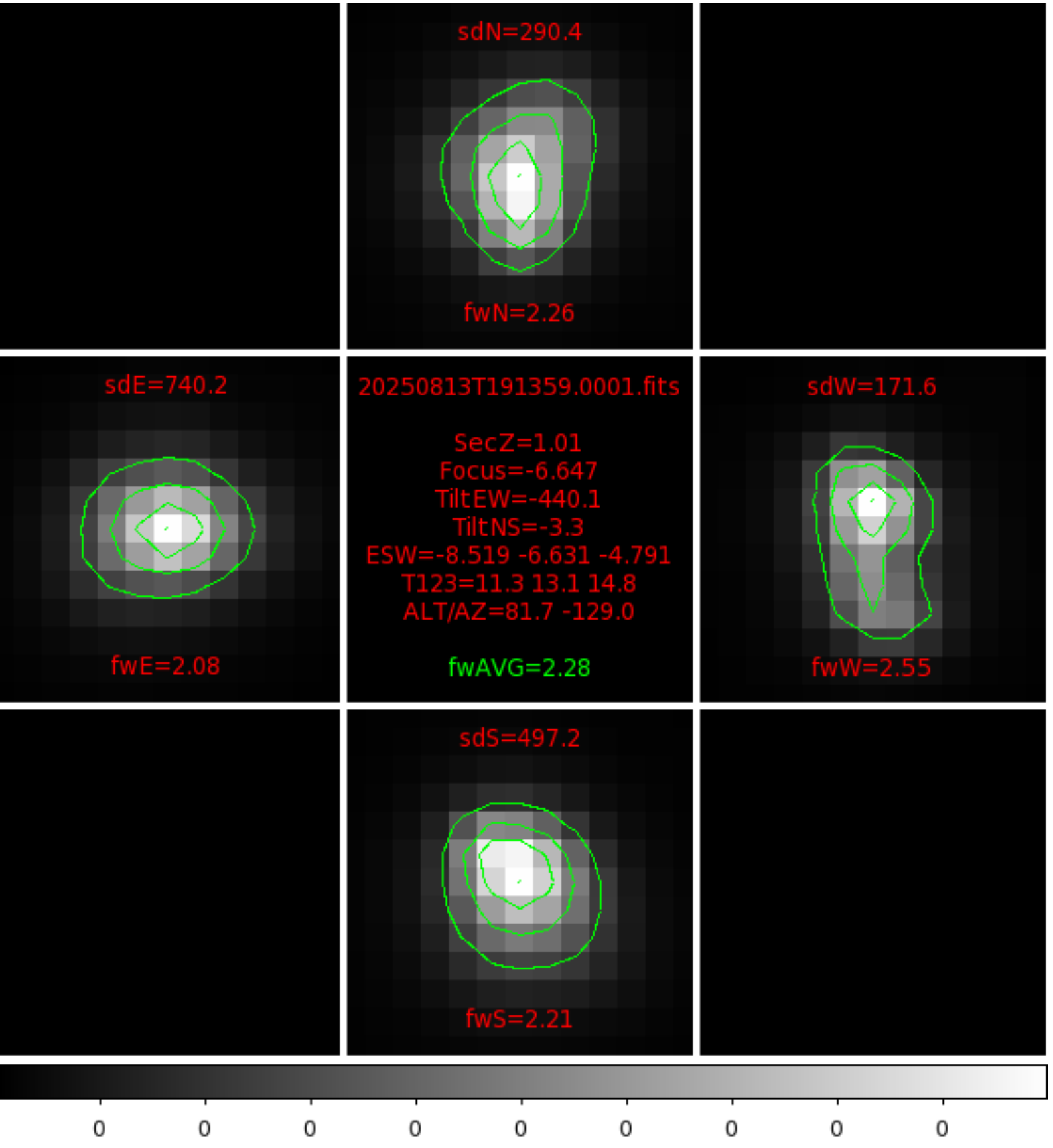
sdN=290.4
fwN=2.26
sdE=740.2
fwE=2.08
20250813T191359.0001.fits
SecZ=1.01
Focus=-6.647
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.519 -6.631 -4.791
T123=11.3 13.1 14.8
ALT/AZ=81.7 -129.0
fwAVG=2.28
sdW=171.6
fwW=2.55
sdS=497.2
fwS=2.21
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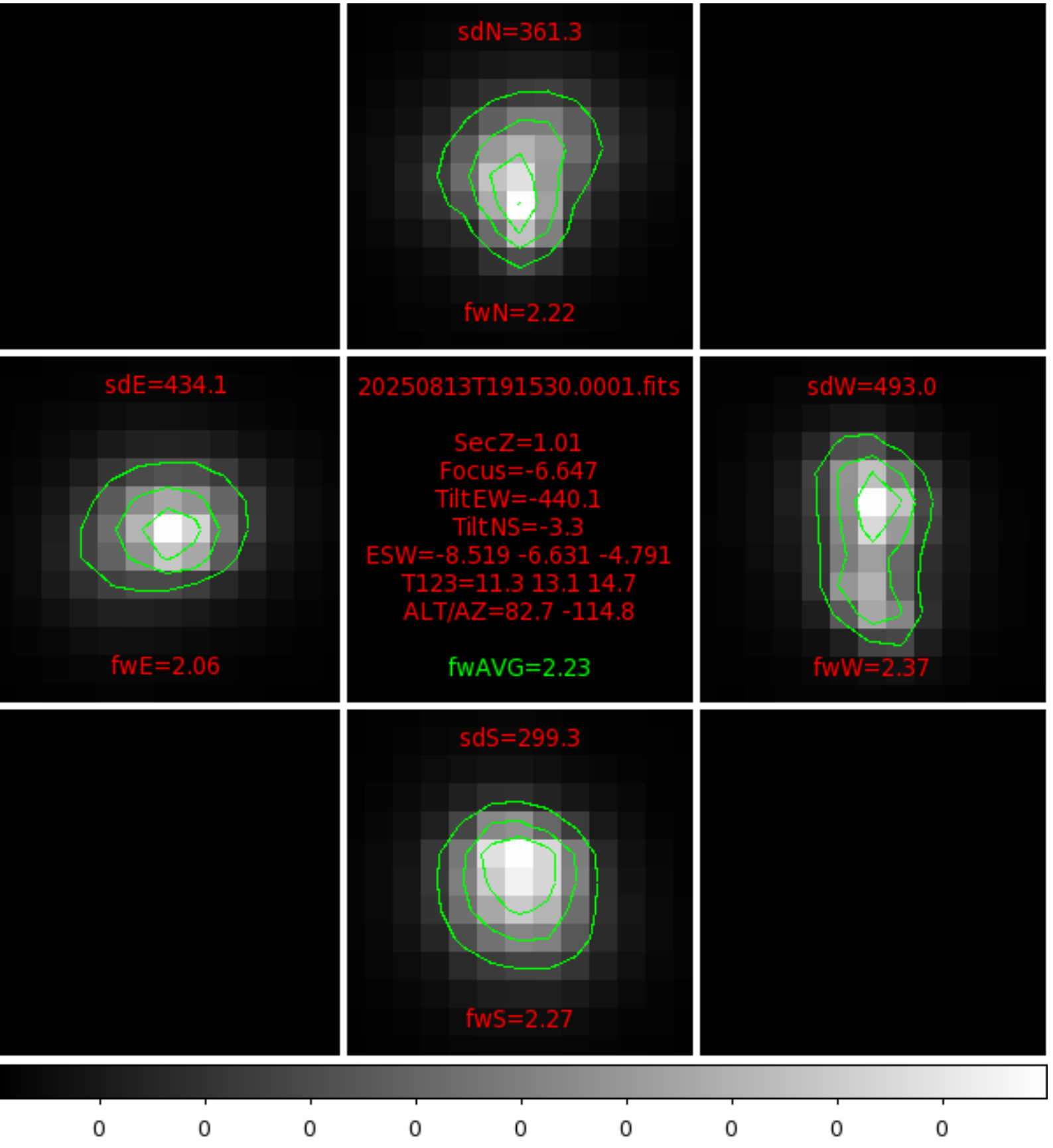
sdN=361.3
fwN=2.22
sdE=434.1
fwE=2.06
20250813T191530.0001.fits
SecZ=1.01
Focus=-6.647
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.519 -6.631 -4.791
T123=11.3 13.1 14.7
ALT/AZ=82.7 -114.8
fwAVG=2.23
sdW=493.0
fwW=2.37
sdS=299.3
fwS=2.27
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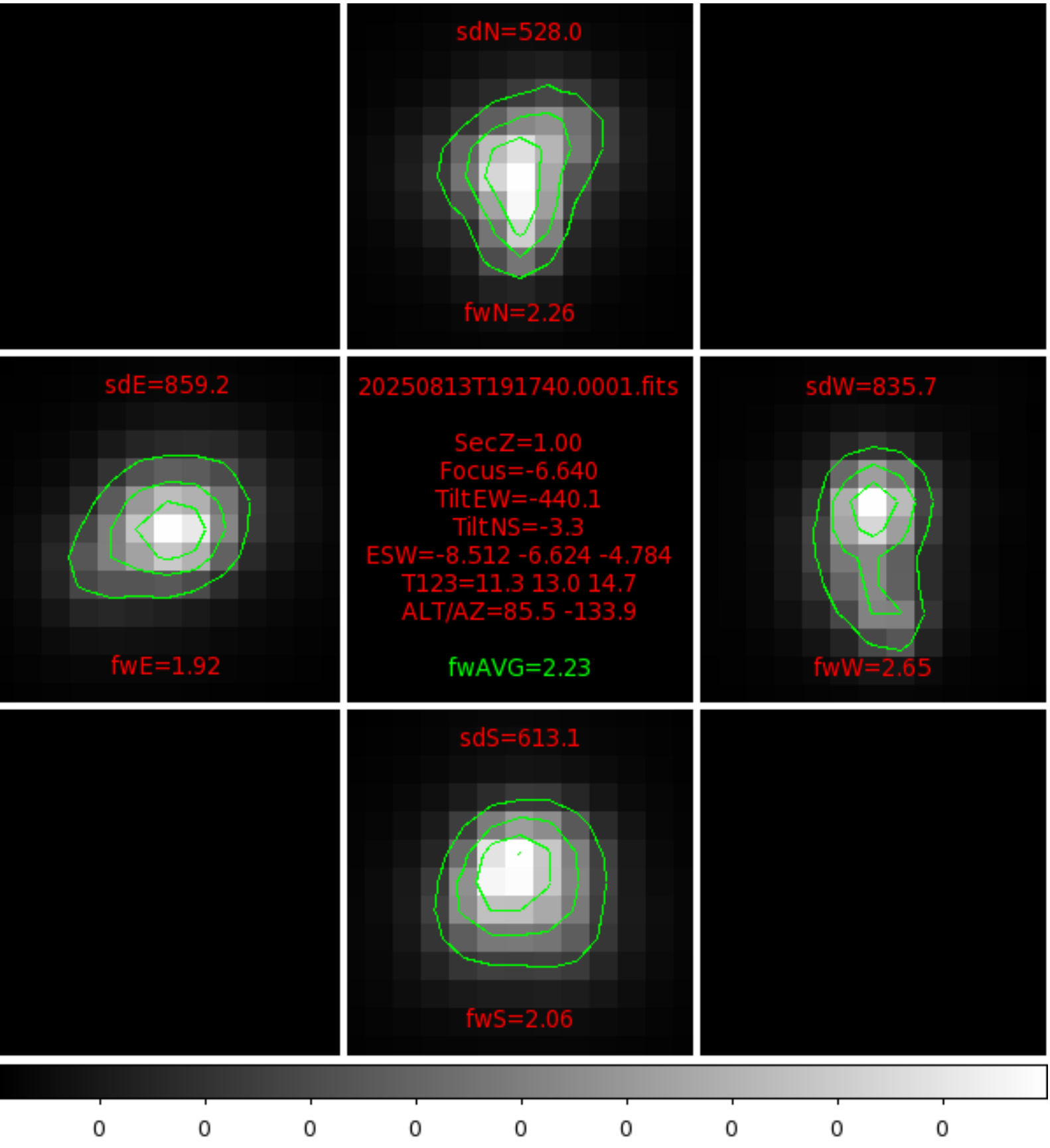
sdN=528.0
fwN=2.26
sdE=859.2
fwE=1.92
20250813T191740.0001.fits
SecZ=1.00
Focus=-6.640
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.512 -6.624 -4.784
T123=11.3 13.0 14.7
ALT/AZ=85.5 -133.9
fwAVG=2.23
sdW=835.7
fwW=2.65
sdS=613.1
fwS=2.06
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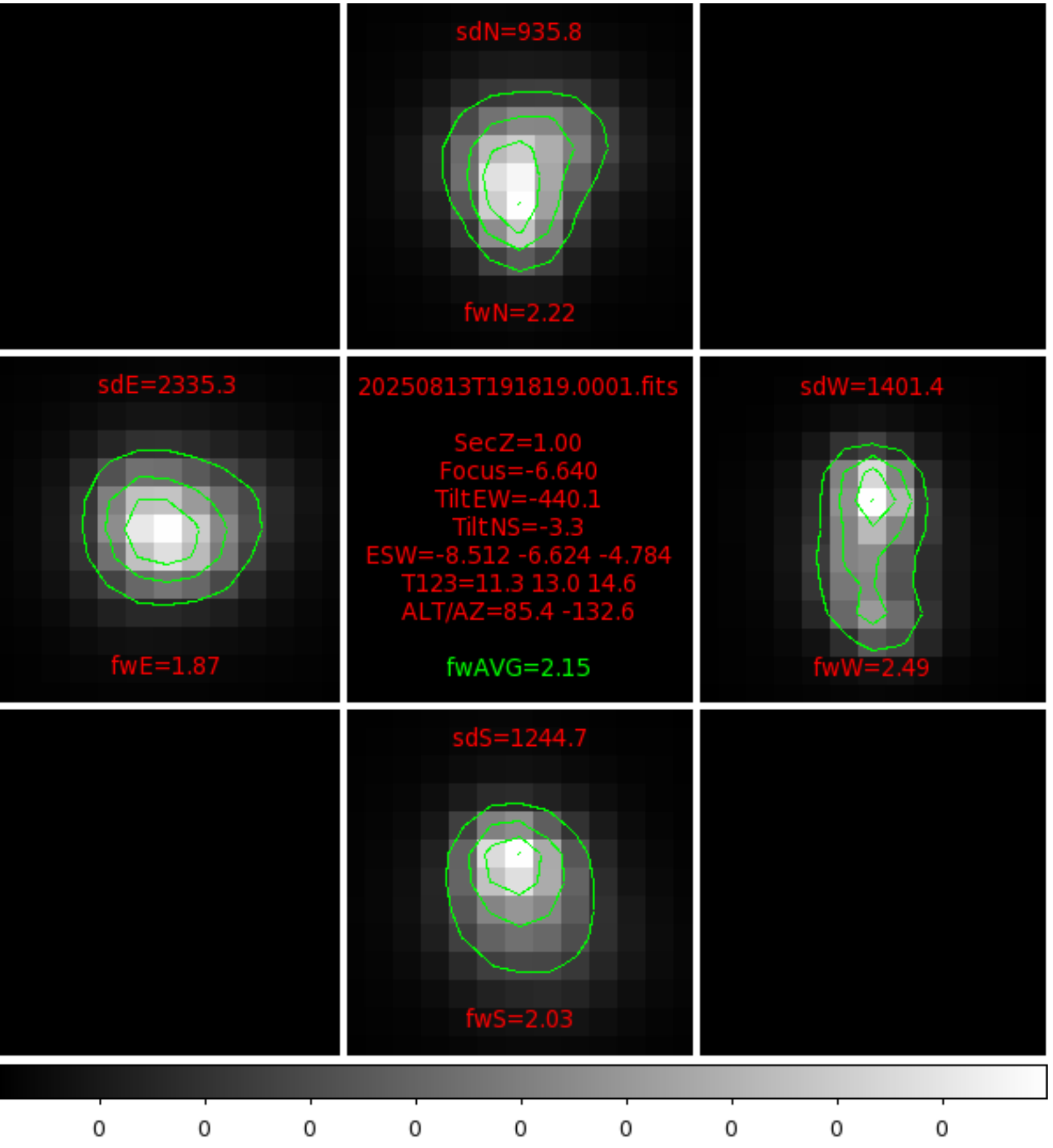
sdN=935.8
fwN=2.22
sdE=2335.3
fwE=1.87
20250813T191819.0001.fits
SecZ=1.00
Focus=-6.640
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.512 -6.624 -4.784
T123=11.3 13.0 14.6
ALT/AZ=85.4 -132.6
fwAVG=2.15
sdW=1401.4
fwW=2.49
sdS=1244.7
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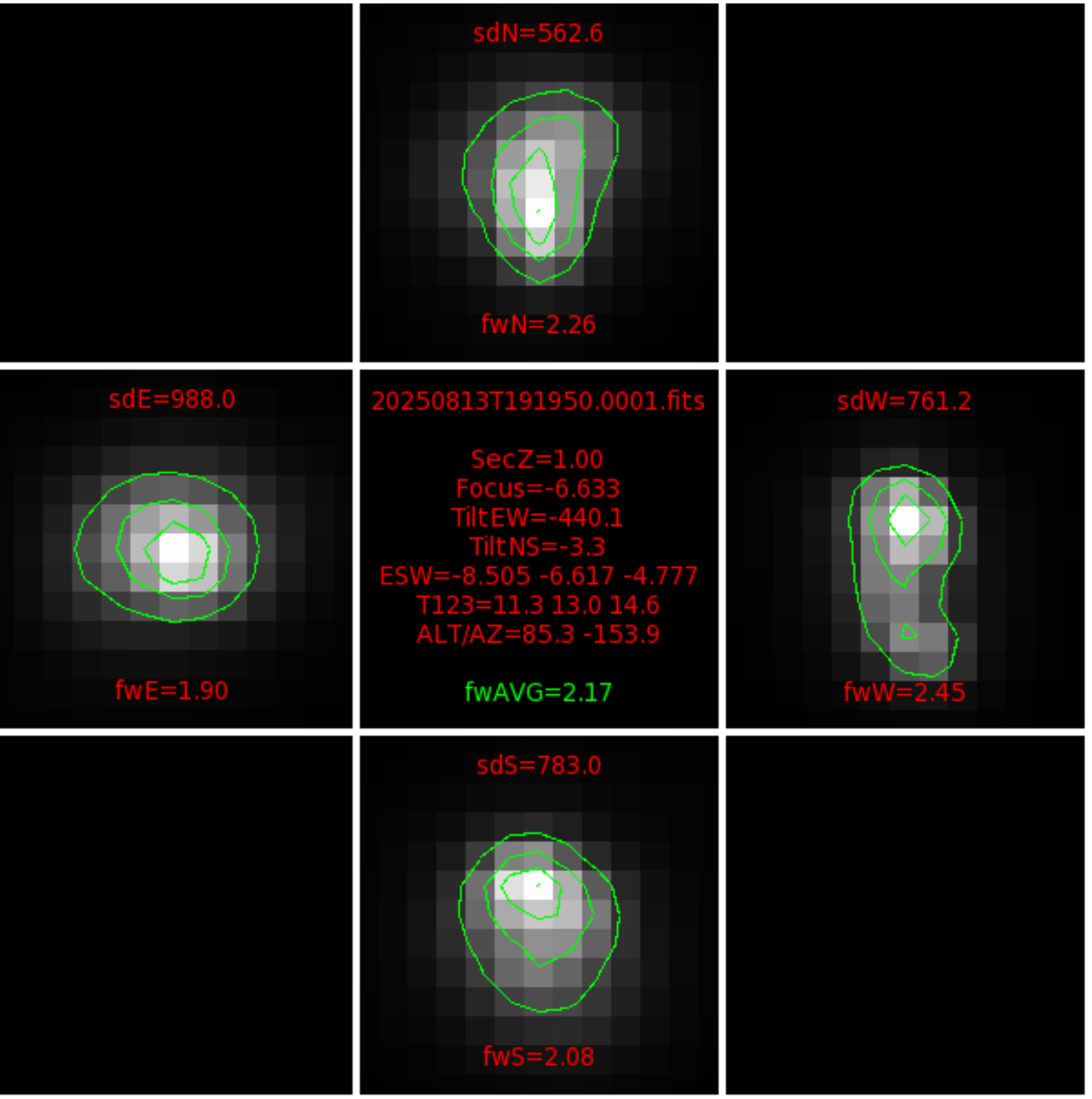
sdN=562.6
fwN=2.26
sdE=988.0
fwE=1.90
20250813T191950.0001.fits
SecZ=1.00
Focus=-6.633
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.505 -6.617 -4.777
T123=11.3 13.0 14.6
ALT/AZ=85.3 -153.9
fwAVG=2.17
sdW=761.2
fwW=2.45
sdS=783.0
fwS=2.08
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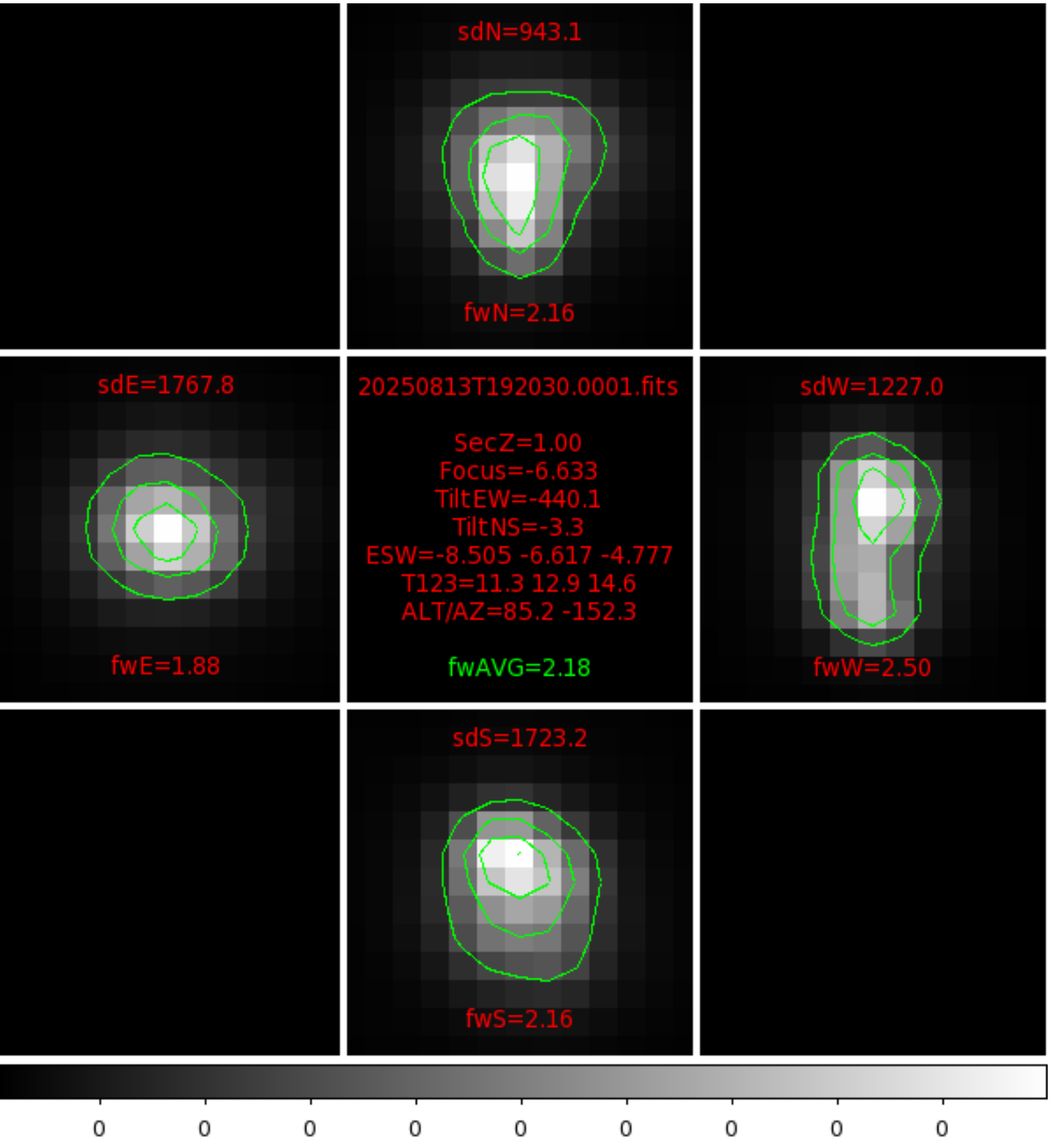
sdN=943.1
fwN=2.16
sdE=1767.8
fwE=1.88
20250813T192030.0001.fits
SecZ=1.00
Focus=-6.633
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.505 -6.617 -4.777
T123=11.3 12.9 14.6
ALT/AZ=85.2 -152.3
fwAVG=2.18
sdW=1227.0
fwW=2.50
sdS=1723.2
fwS=2.16
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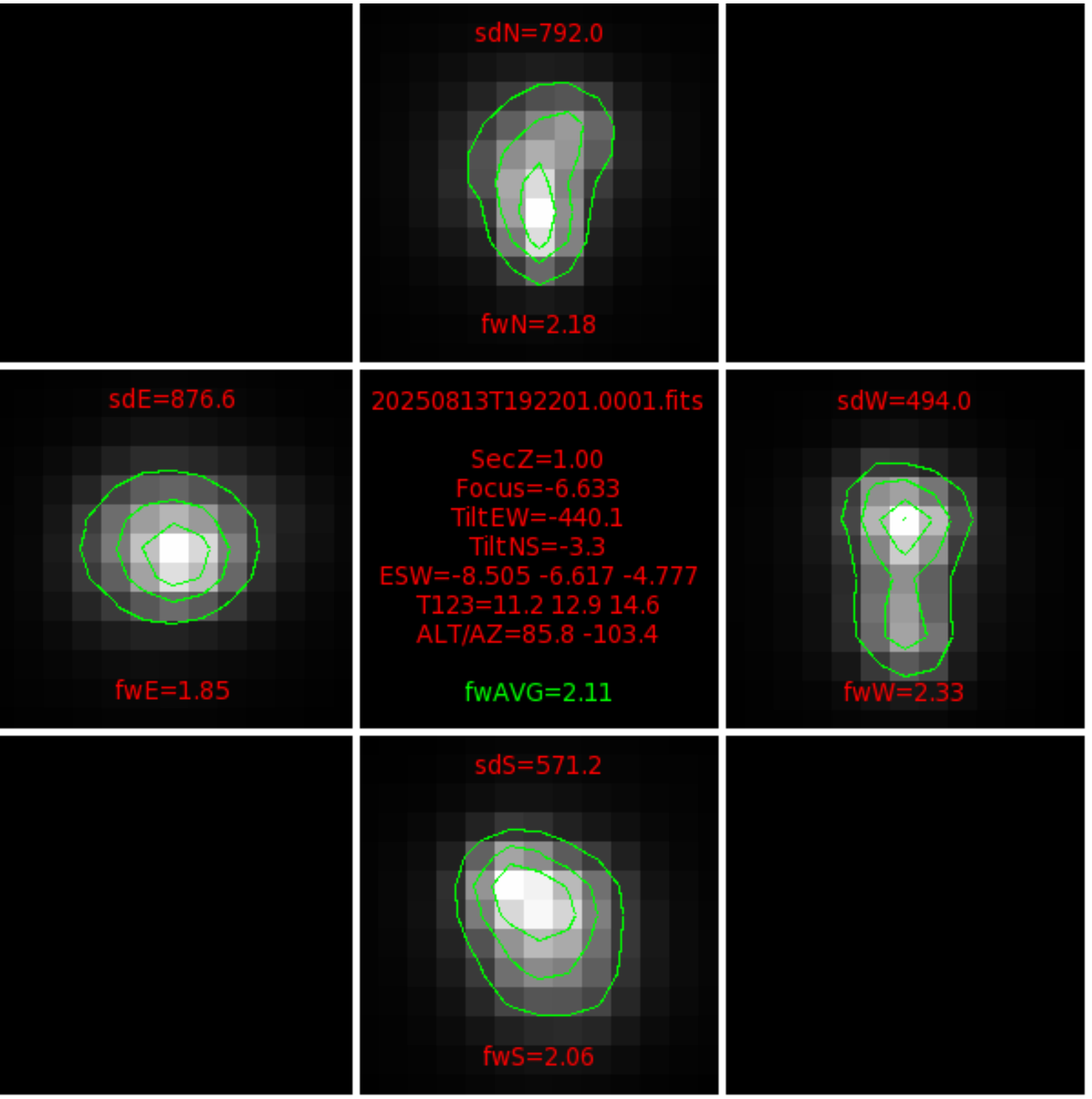
sdN=792.0
fwN=2.18
sdE=876.6
fwE=1.85
20250813T192201.0001.fits
SecZ=1.00
Focus=-6.633
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.505 -6.617 -4.777
T123=11.2 12.9 14.6
ALT/AZ=85.8 -103.4
fwAVG=2.11
sdW=494.0
fwW=2.33
sdS=571.2
fwS=2.06
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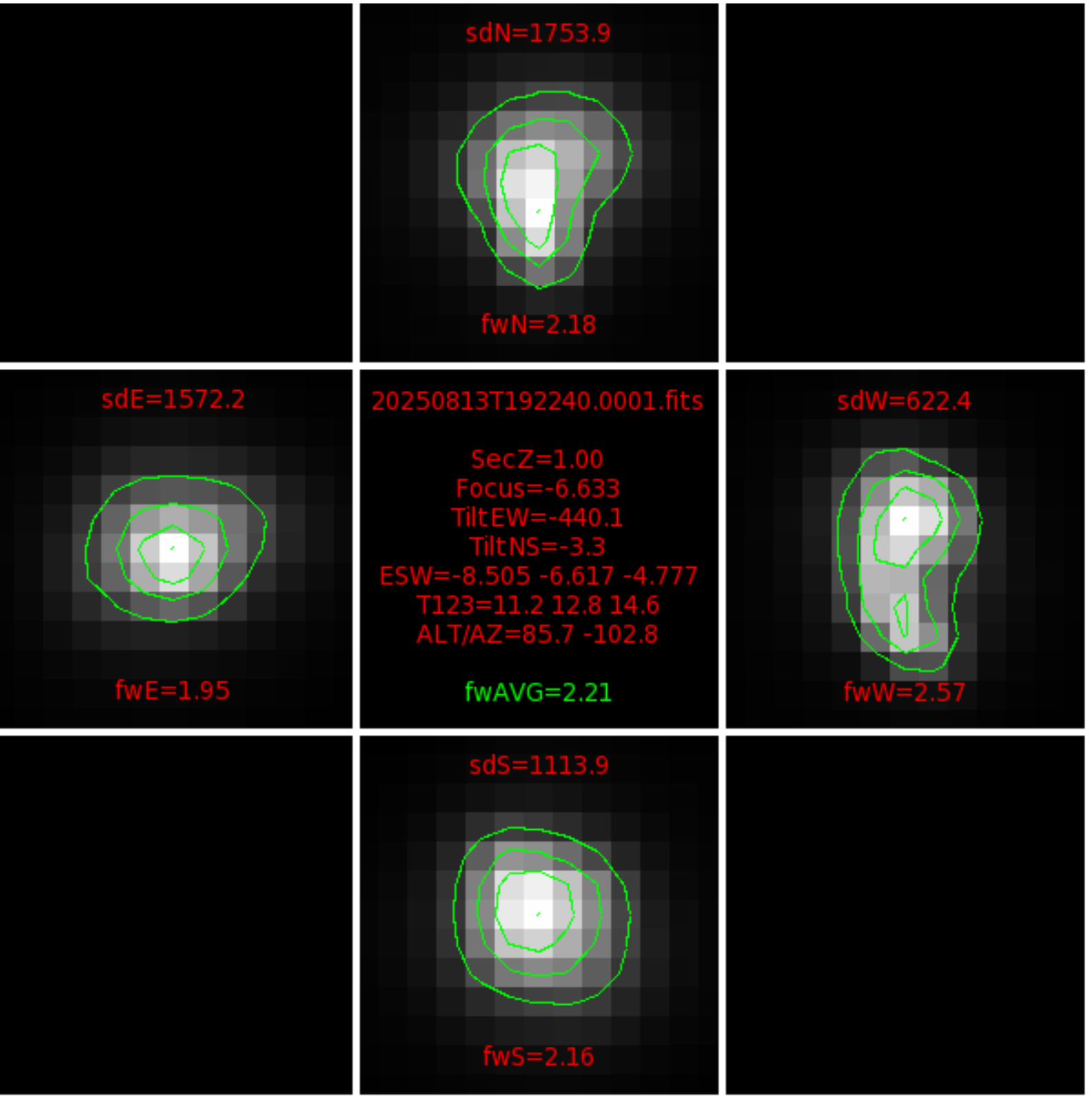
sdN=1753.9
fwN=2.18
sdE=1572.2
fwE=1.95
20250813T192240.0001.fits
SecZ=1.00
Focus=-6.633
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.505 -6.617 -4.777
T123=11.2 12.8 14.6
ALT/AZ=85.7 -102.8
fwAVG=2.21
sdW=622.4
fwW=2.57
sdS=1113.9
fwS=2.16
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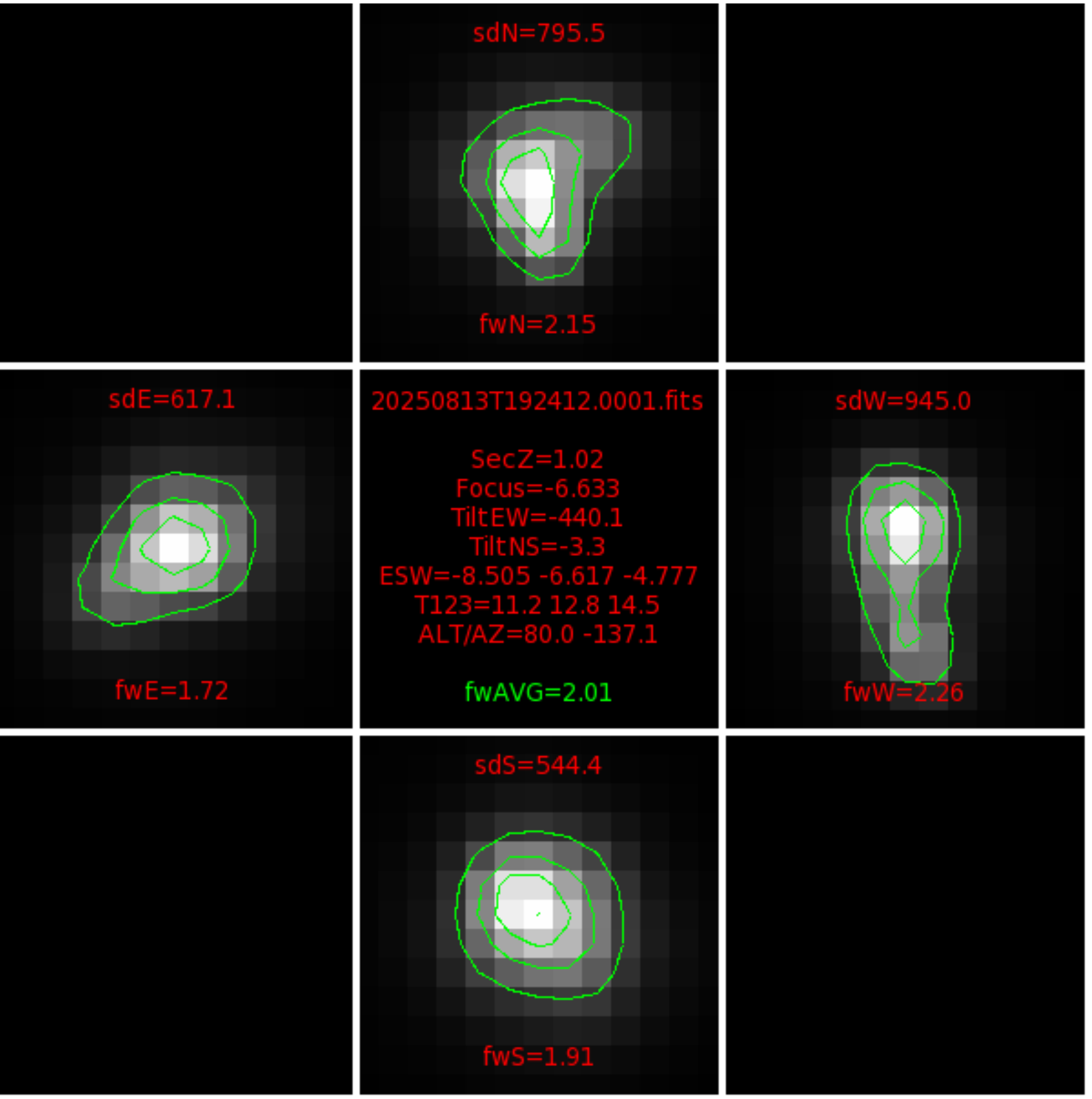
sdN=795.5
fwN=2.15
sdE=617.1
fwE=1.72
20250813T192412.0001.fits
SecZ=1.02
Focus=-6.633
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.505 -6.617 -4.777
T123=11.2 12.8 14.5
ALT/AZ=80.0 -137.1
fwAVG=2.01
sdW=945.0
fwW=2.26
sdS=544.4
fwS=1.91
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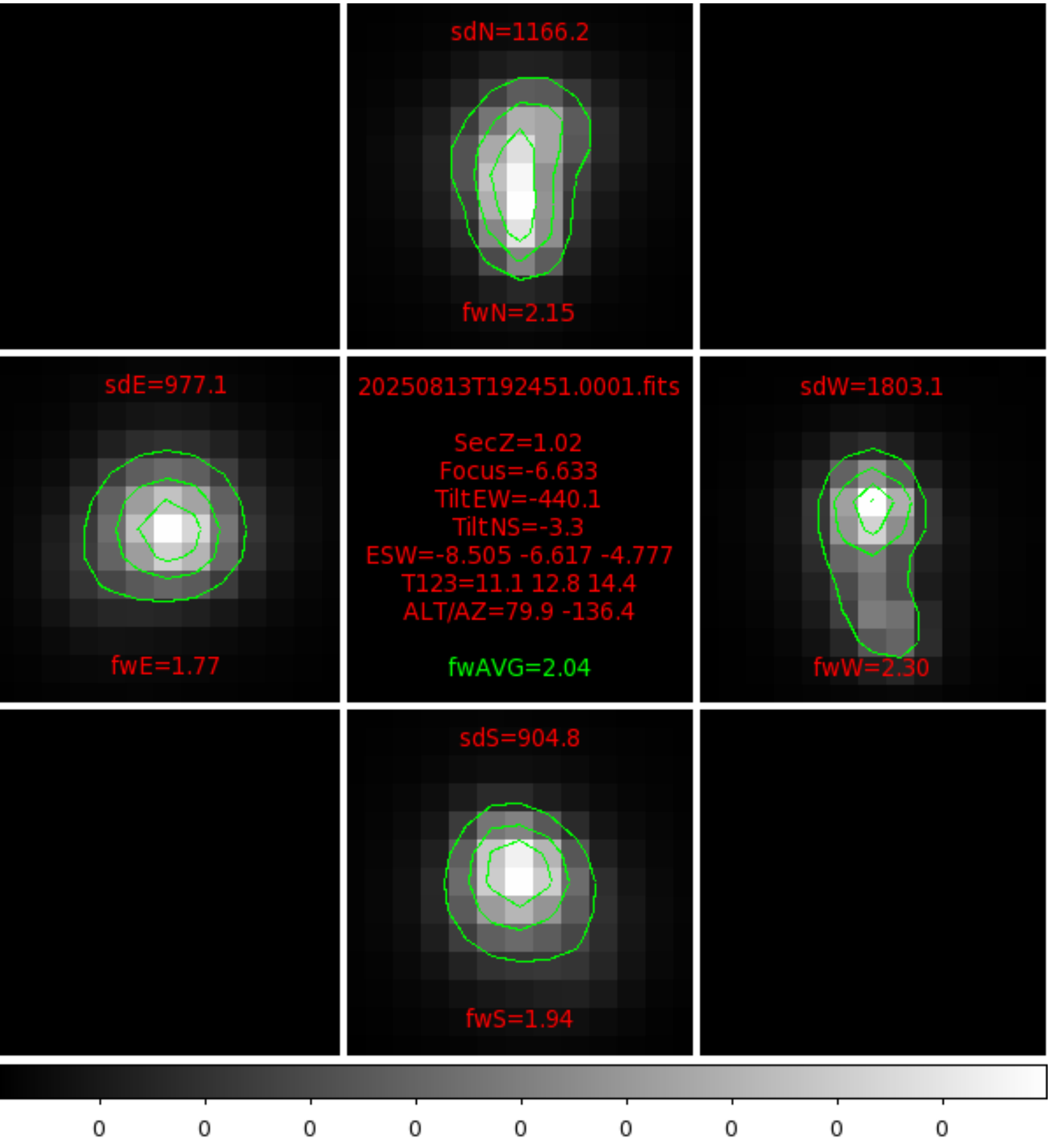
sdN=1166.2
fwN=2.15
sdE=977.1
fwE=1.77
20250813T192451.0001.fits
SecZ=1.02
Focus=-6.633
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.505 -6.617 -4.777
T123=11.1 12.8 14.4
ALT/AZ=79.9 -136.4
fwAVG=2.04
sdW=1803.1
fwW=2.30
sdS=904.8
fwS=1.94
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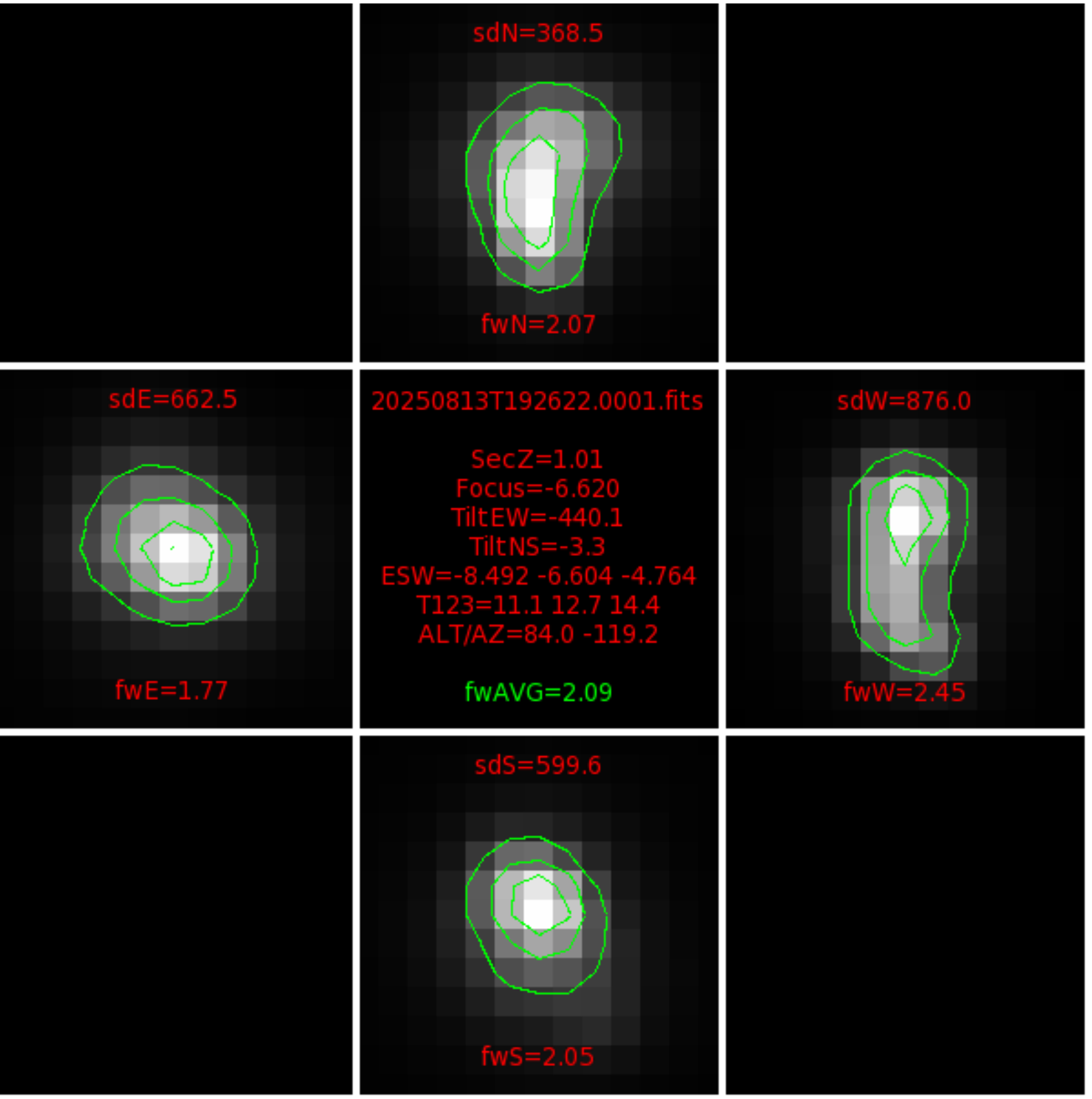
sdN=368.5
fwN=2.07
sdE=662.5
fwE=1.77
20250813T192622.0001.fits
SecZ=1.01
Focus=-6.620
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.492 -6.604 -4.764
T123=11.1 12.7 14.4
ALT/AZ=84.0 -119.2
fwAVG=2.09
sdW=876.0
fwW=2.45
sdS=599.6
fwS=2.05
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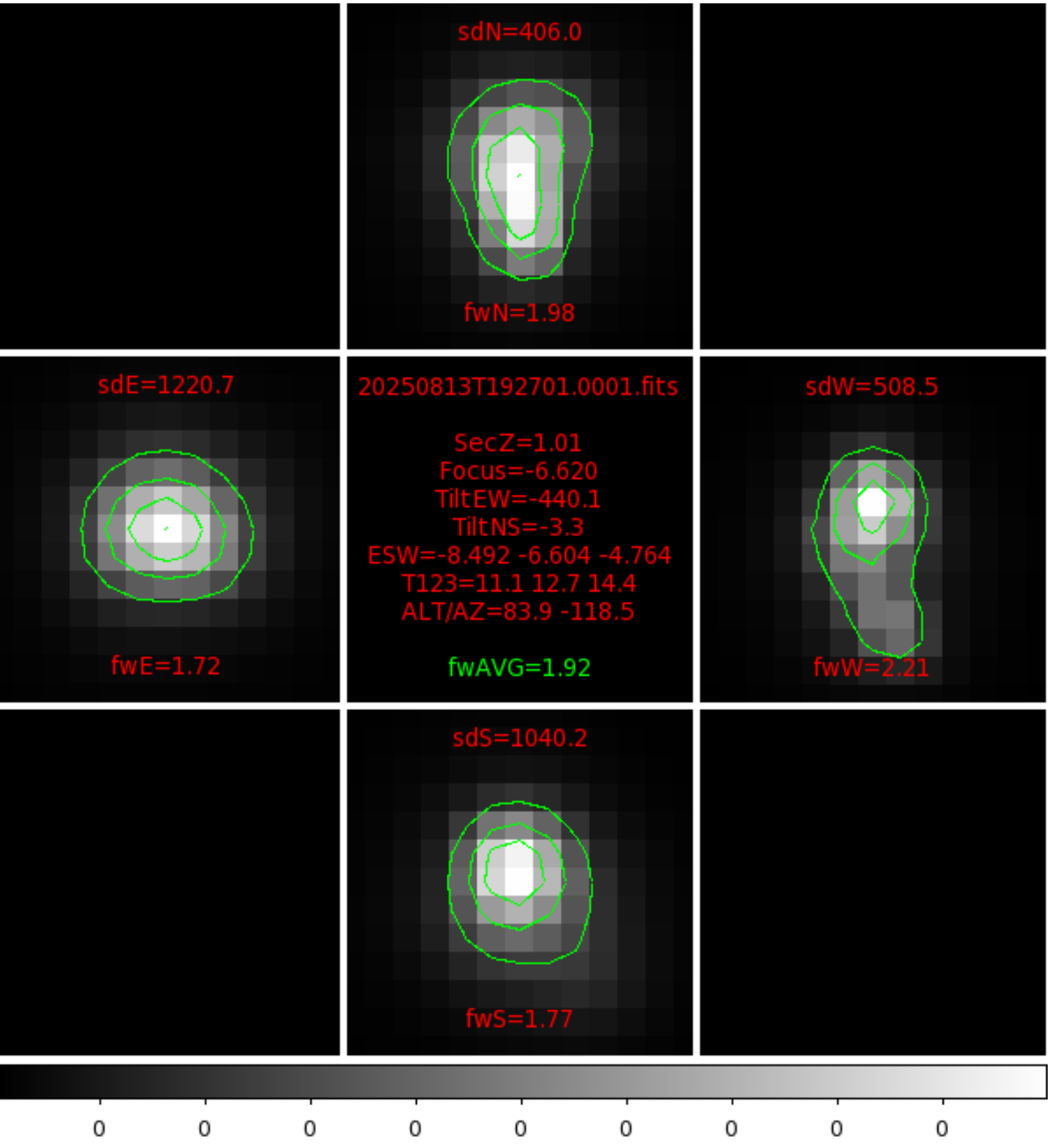
sdN=406.0
fwN=1.98
sdE=1220.7
fwE=1.72
20250813T192701.0001.fits
SecZ=1.01
Focus=-6.620
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.492 -6.604 -4.764
T123=11.1 12.7 14.4
ALT/AZ=83.9 -118.5
fwAVG=1.92
sdW=508.5
fwW=2.21
sdS=1040.2
fwS=1.77
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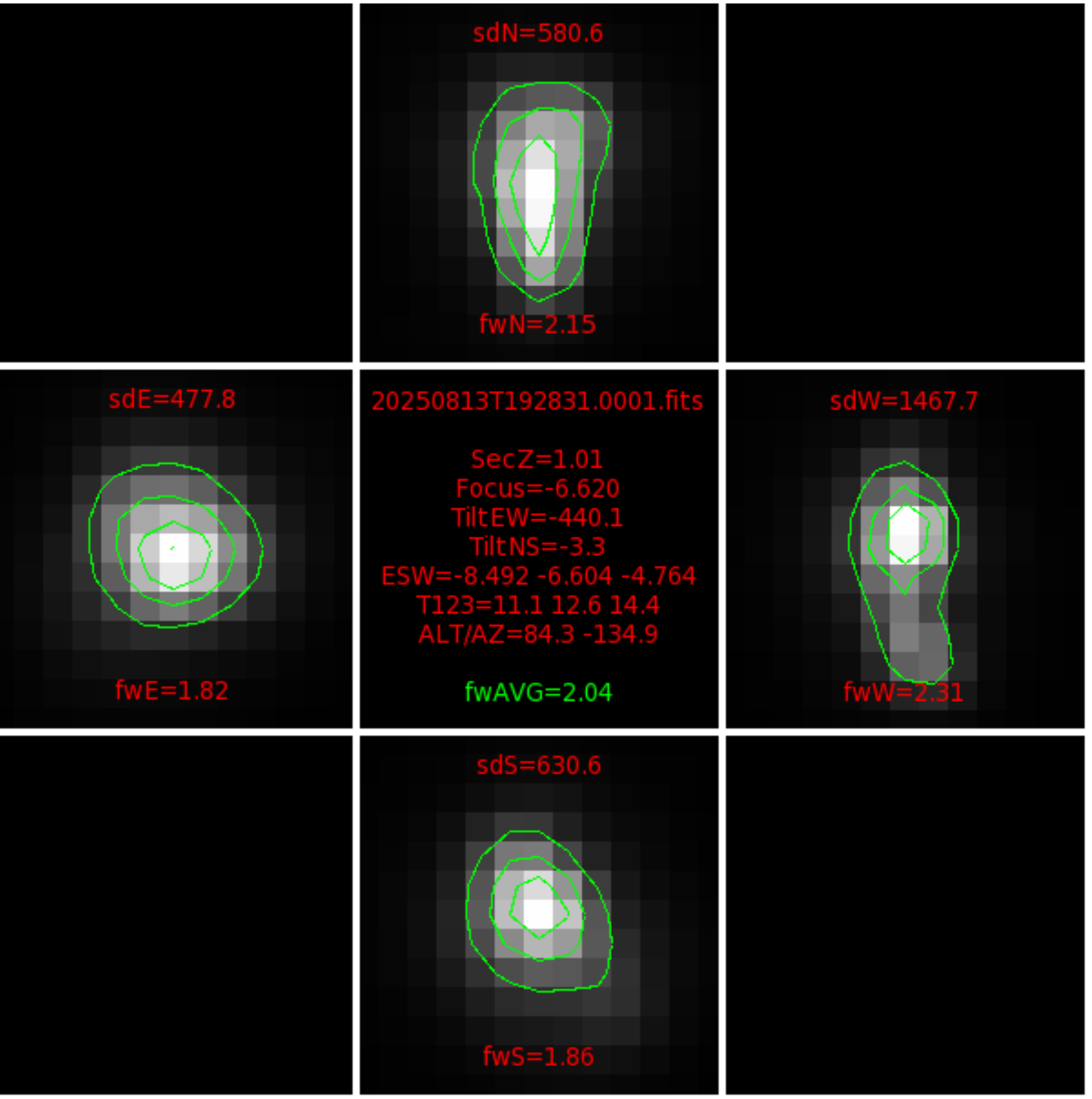
sdN=580.6
fwN=2.15
sdE=477.8
fwE=1.82
20250813T192831.0001.fits
SecZ=1.01
Focus=-6.620
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.492 -6.604 -4.764
T123=11.1 12.6 14.4
ALT/AZ=84.3 -134.9
fwAVG=2.04
sdW=1467.7
fwW=2.31
sdS=630.6
fwS=1.86
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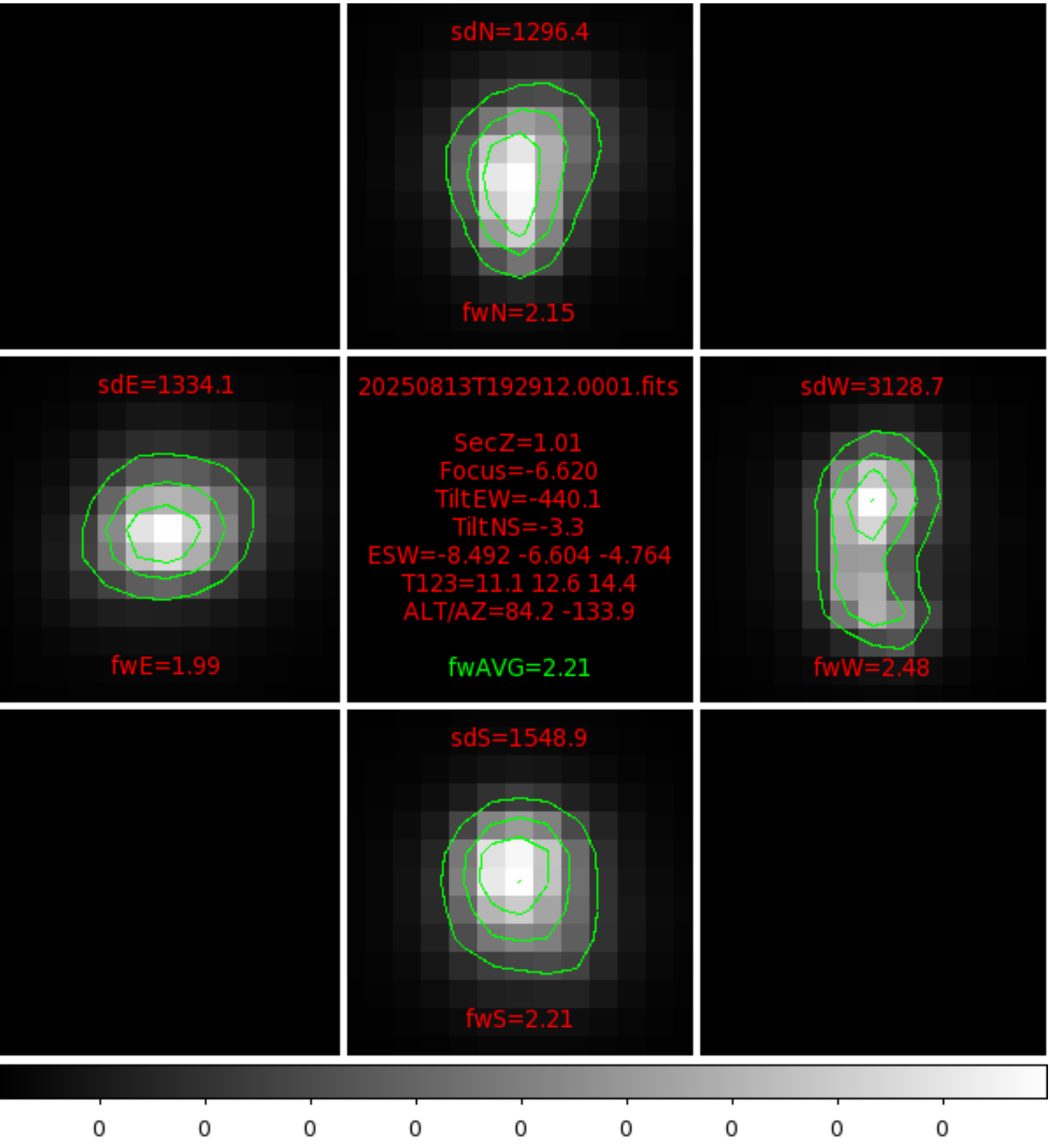
sdN=1296.4
fwN=2.15
sdE=1334.1
fwE=1.99
20250813T192912.0001.fits
SecZ=1.01
Focus=-6.620
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.492 -6.604 -4.764
T123=11.1 12.6 14.4
ALT/AZ=84.2 -133.9
fwAVG=2.21
sdW=3128.7
fwW=2.48
sdS=1548.9
fwS=2.21
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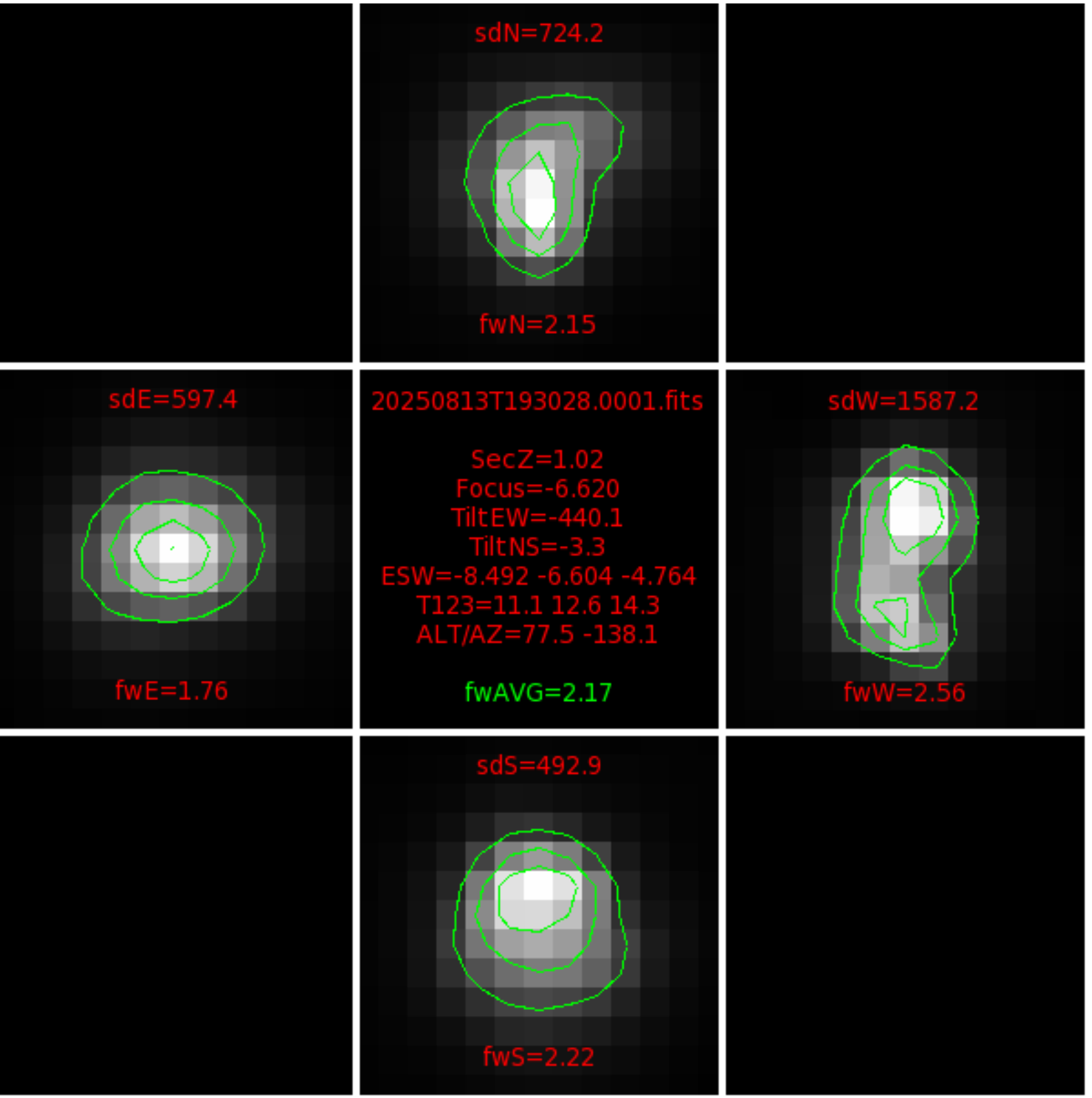
sdN=724.2
fwN=2.15
sdE=597.4
fwE=1.76
20250813T193028.0001.fits
SecZ=1.02
Focus=-6.620
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.492 -6.604 -4.764
T123=11.1 12.6 14.3
ALT/AZ=77.5 -138.1
fwAVG=2.17
sdW=1587.2
fwW=2.56
sdS=492.9
fwS=2.22
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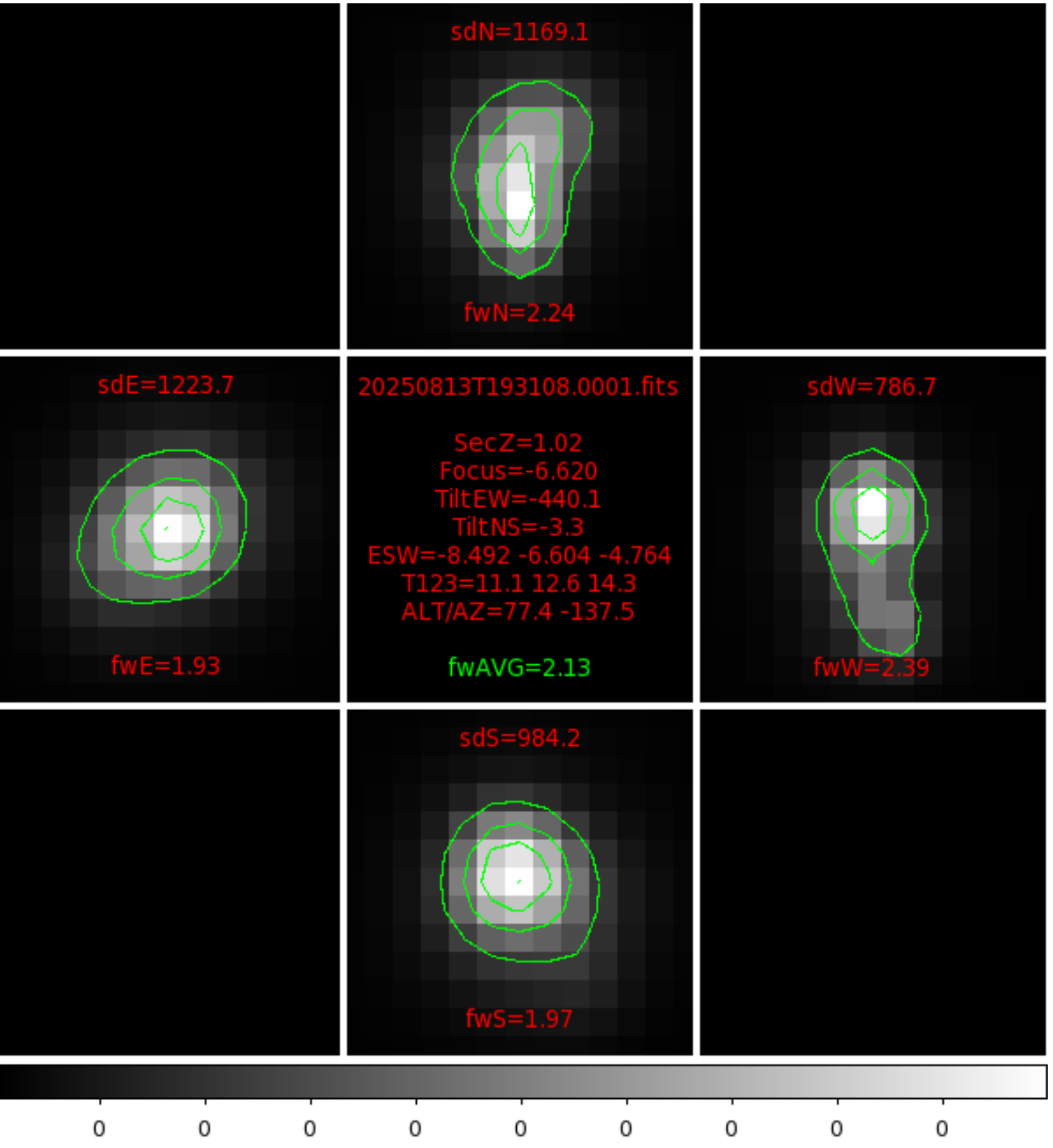
sdN=1169.1
fwN=2.24
sdE=1223.7
fwE=1.93
20250813T193108.0001.fits
SecZ=1.02
Focus=-6.620
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.492 -6.604 -4.764
T123=11.1 12.6 14.3
ALT/AZ=77.4 -137.5
fwAVG=2.13
sdW=786.7
fwW=2.39
sdS=984.2
fwS=1.97
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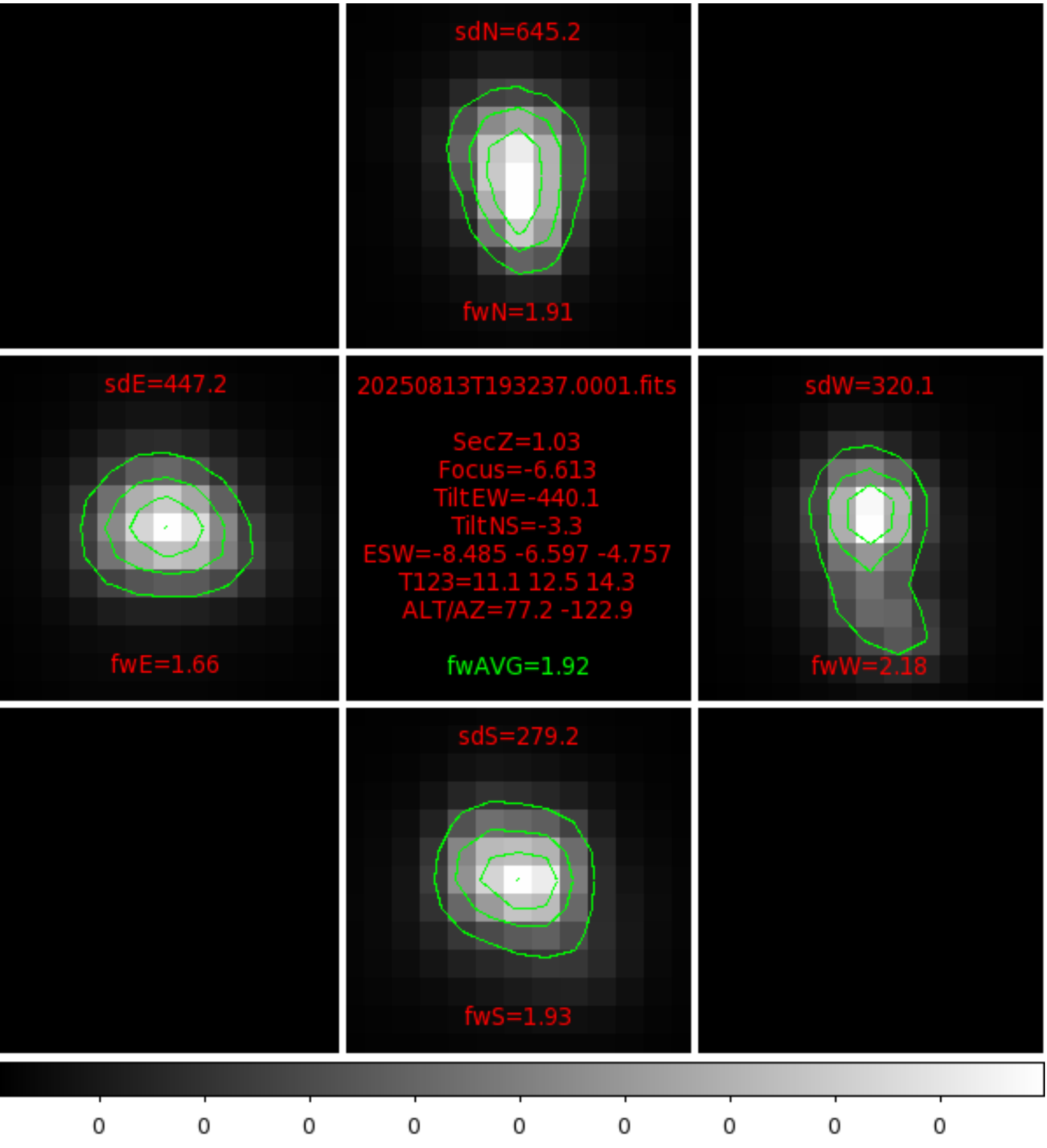
sdN=645.2
fwN=1.91
sdE=447.2
fwE=1.66
20250813T193237.0001.fits
SecZ=1.03
Focus=-6.613
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.485 -6.597 -4.757
T123=11.1 12.5 14.3
ALT/AZ=77.2 -122.9
fwAVG=1.92
sdW=320.1
fwW=2.18
sdS=279.2
fwS=1.93
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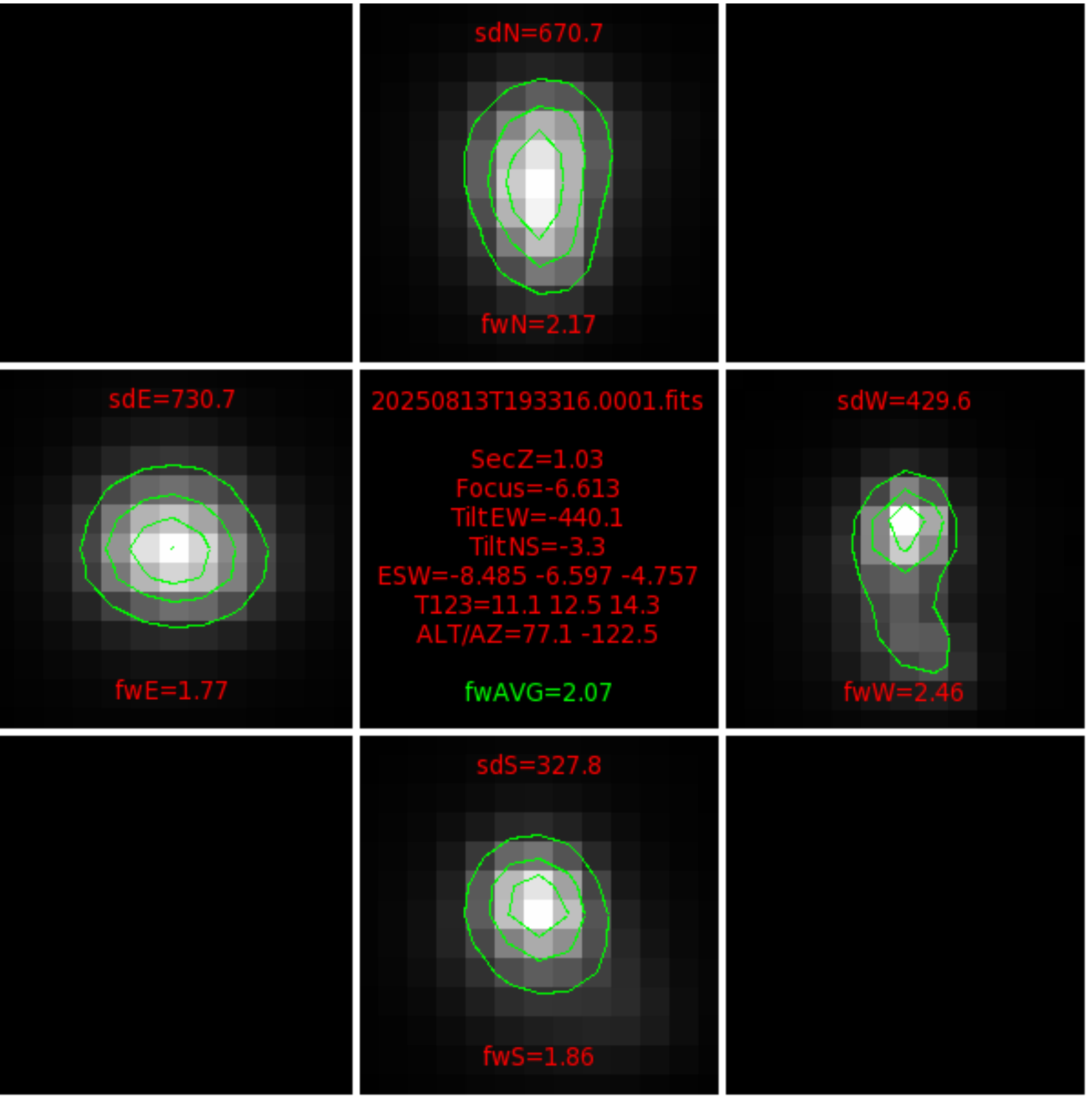
sdN=670.7
fwN=2.17
sdE=730.7
fwE=1.77
20250813T193316.0001.fits
SecZ=1.03
Focus=-6.613
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.485 -6.597 -4.757
T123=11.1 12.5 14.3
ALT/AZ=77.1 -122.5
fwAVG=2.07
sdW=429.6
fwW=2.46
sdS=327.8
fwS=1.86
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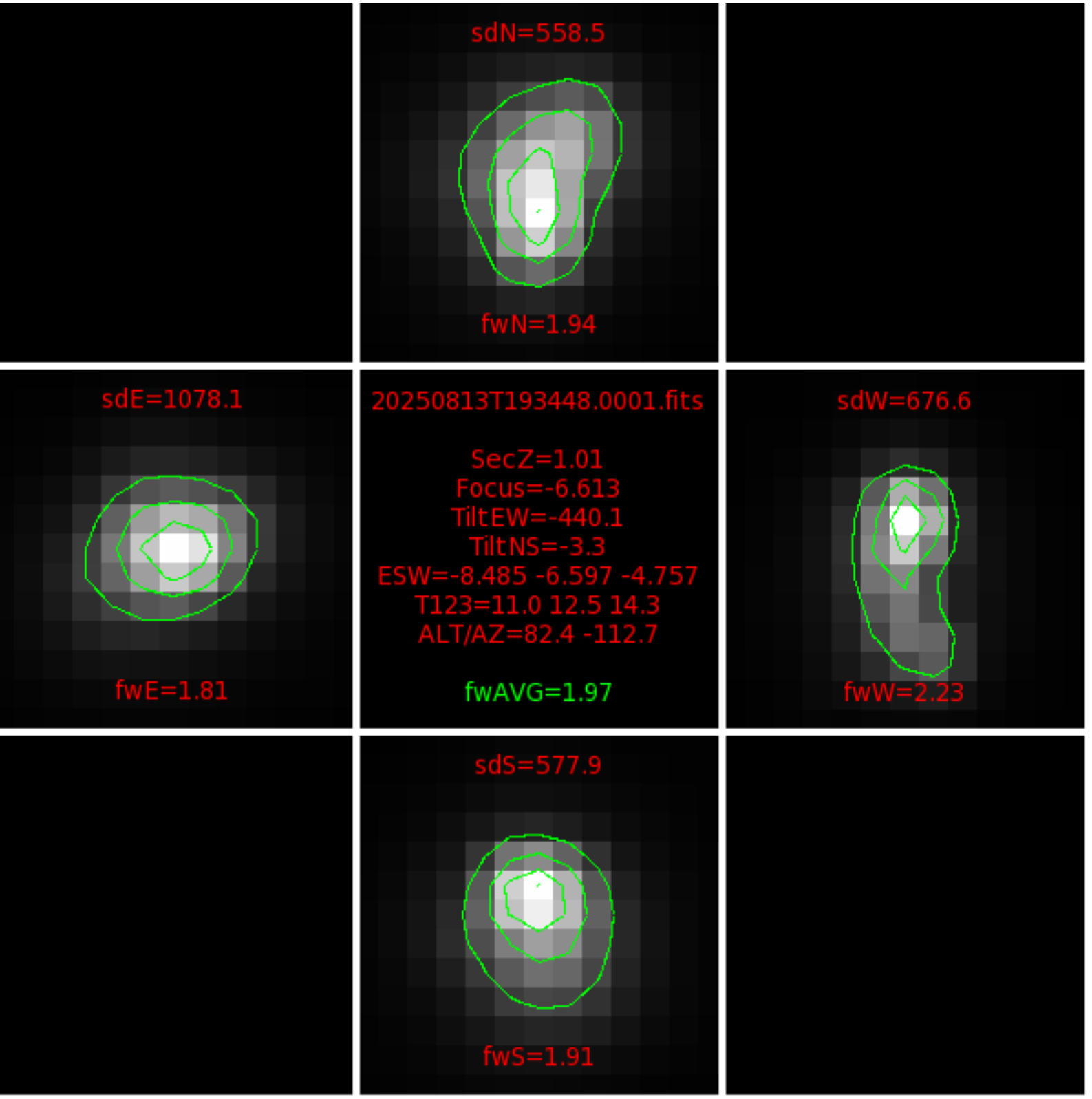
sdN=558.5
fwN=1.94
sdE=1078.1
fwE=1.81
20250813T193448.0001.fits
SecZ=1.01
Focus=-6.613
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.485 -6.597 -4.757
T123=11.0 12.5 14.3
ALT/AZ=82.4 -112.7
fwAVG=1.97
sdW=676.6
fwW=2.23
sdS=577.9
fwS=1.91
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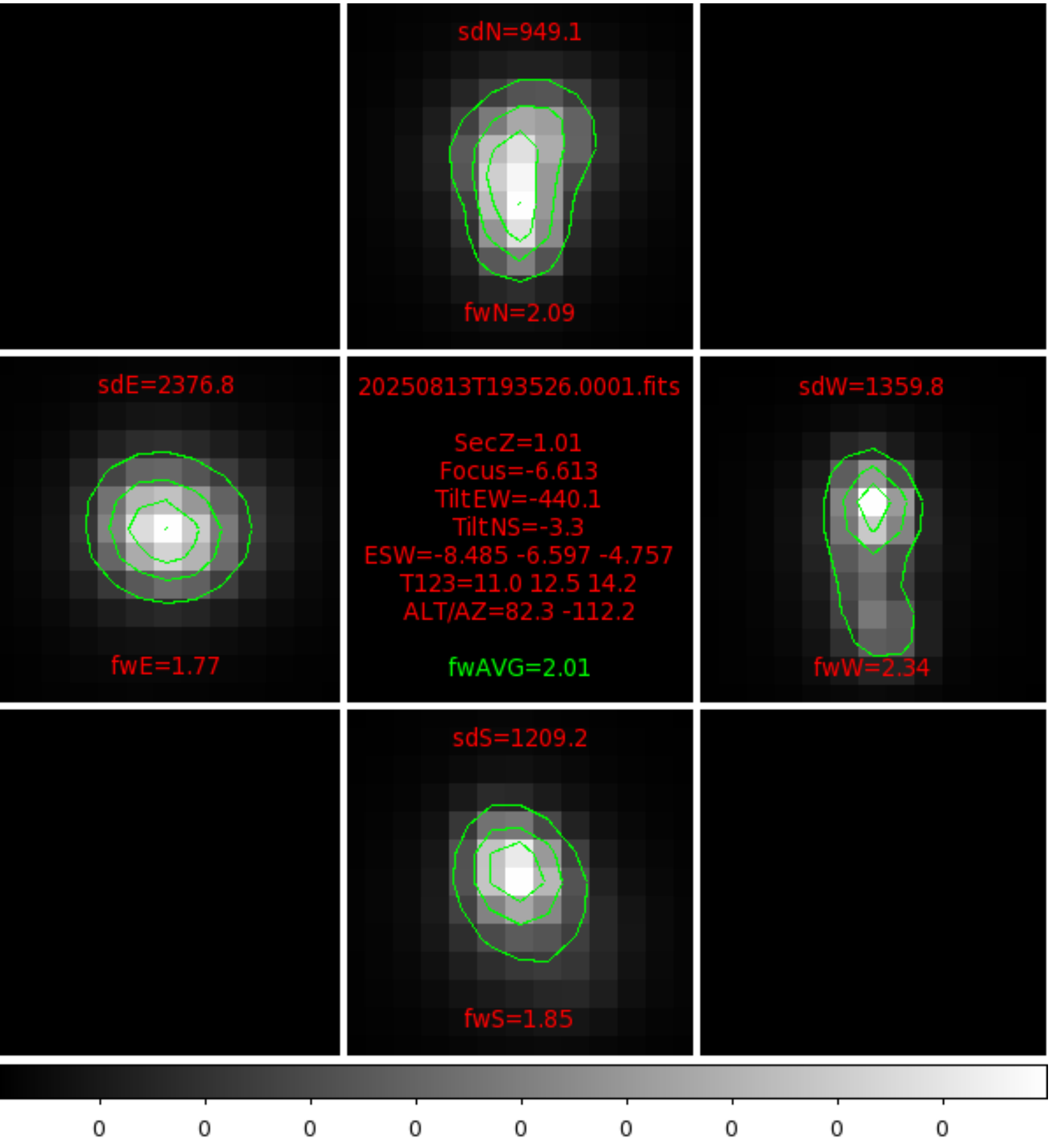
sdN=949.1
fwN=2.09
sdE=2376.8
fwE=1.77
20250813T193526.0001.fits
SecZ=1.01
Focus=-6.613
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.485 -6.597 -4.757
T123=11.0 12.5 14.2
ALT/AZ=82.3 -112.2
fwAVG=2.01
sdW=1359.8
fwW=2.34
sdS=1209.2
fwS=1.85
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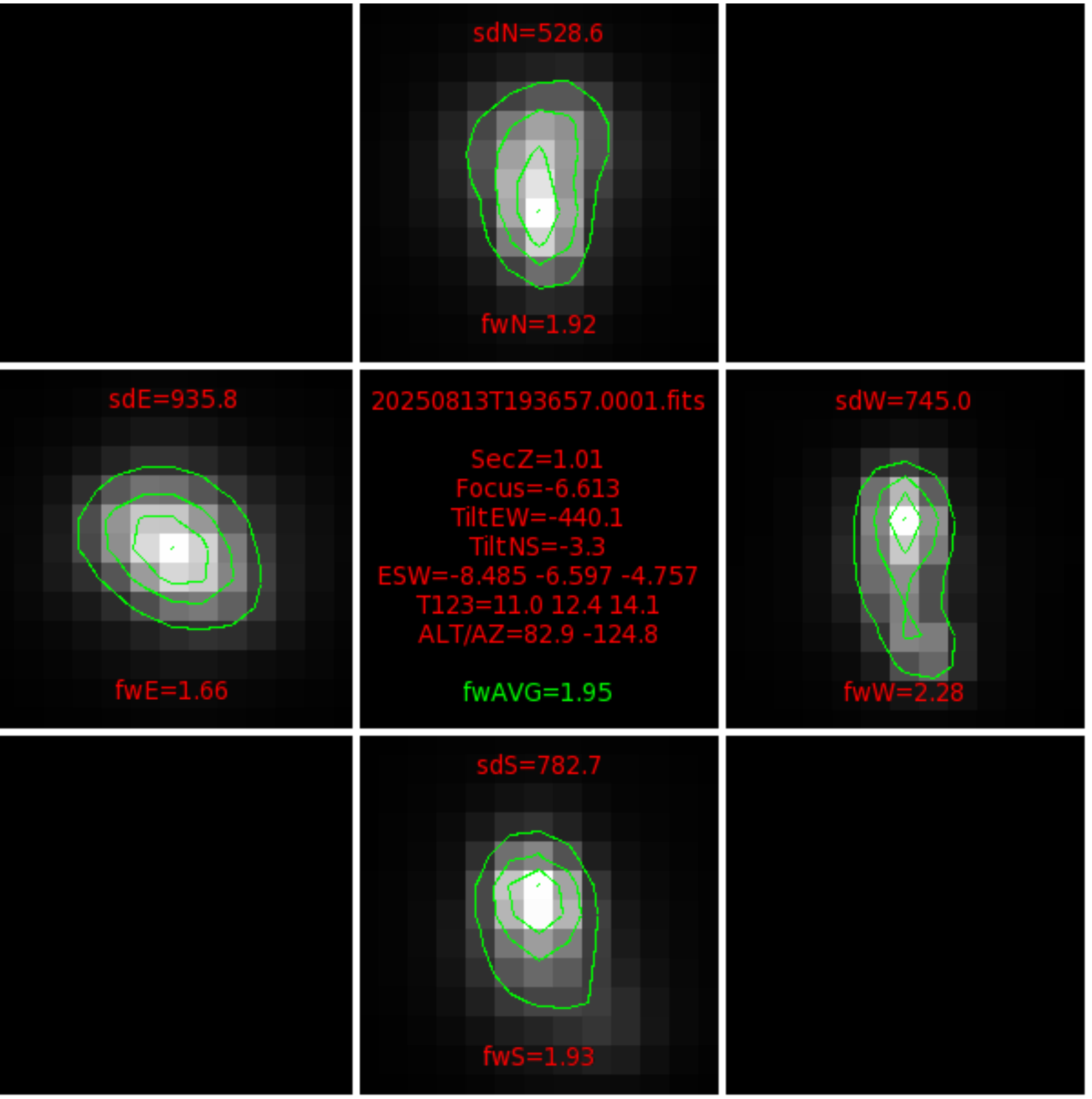
sdN=528.6
fwN=1.92
sdE=935.8
fwE=1.66
20250813T193657.0001.fits
SecZ=1.01
Focus=-6.613
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.485 -6.597 -4.757
T123=11.0 12.4 14.1
ALT/AZ=82.9 -124.8
fwAVG=1.95
sdW=745.0
fwW=2.28
sdS=782.7
fwS=1.93
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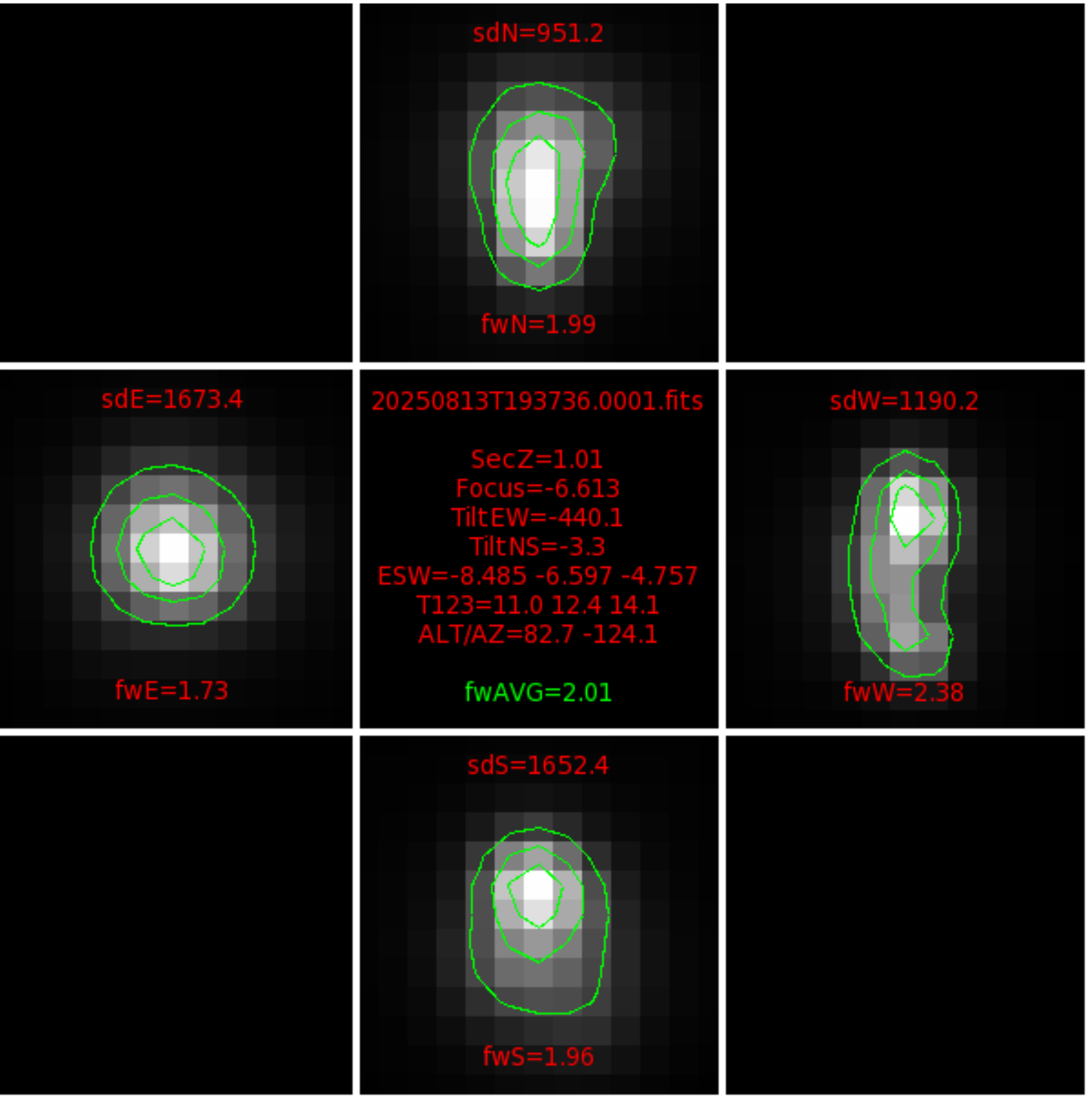
sdN=951.2
fwN=1.99
sdE=1673.4
fwE=1.73
20250813T193736.0001.fits
SecZ=1.01
Focus=-6.613
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.485 -6.597 -4.757
T123=11.0 12.4 14.1
ALT/AZ=82.7 -124.1
fwAVG=2.01
sdW=1190.2
fwW=2.38
sdS=1652.4
fwS=1.96
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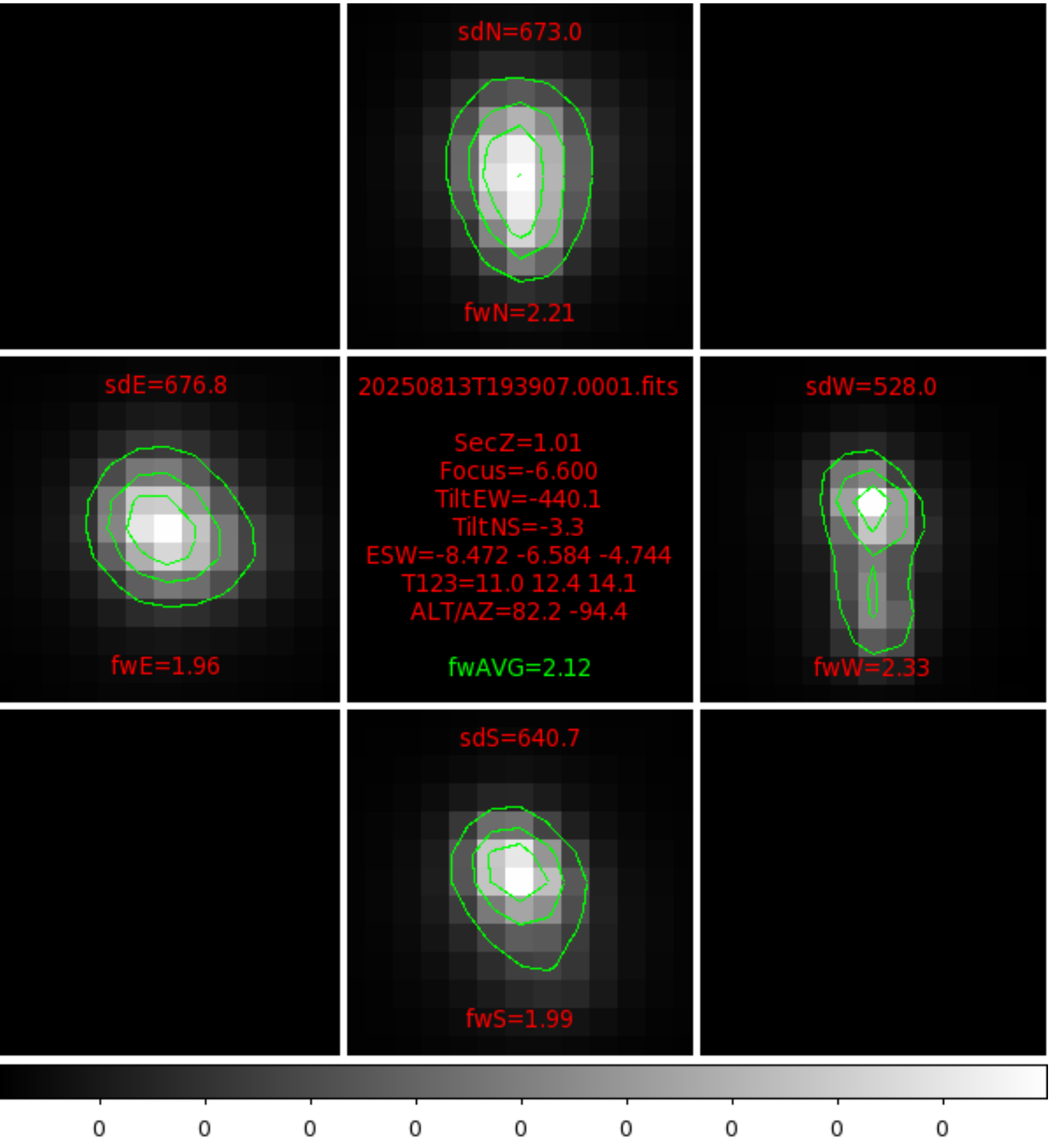
sdN=673.0
fwN=2.21
sdE=676.8
fwE=1.96
20250813T193907.0001.fits
SecZ=1.01
Focus=-6.600
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.472 -6.584 -4.744
T123=11.0 12.4 14.1
ALT/AZ=82.2 -94.4
fwAVG=2.12
sdW=528.0
fwW=2.33
sdS=640.7
fwS=1.99
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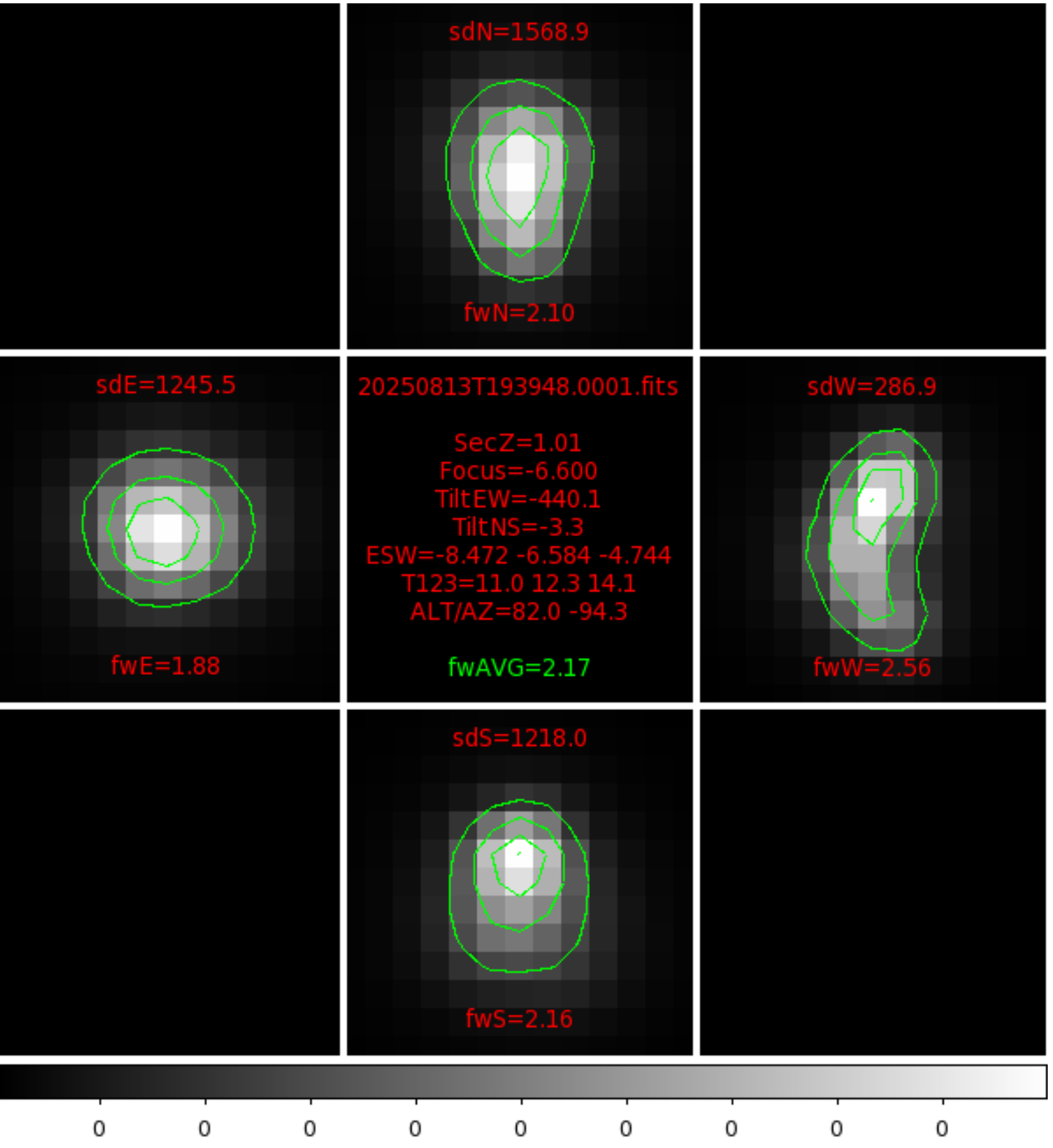
sdN=1568.9
fwN=2.10
sdE=1245.5
fwE=1.88
20250813T193948.0001.fits
SecZ=1.01
Focus=-6.600
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.472 -6.584 -4.744
T123=11.0 12.3 14.1
ALT/AZ=82.0 -94.3
fwAVG=2.17
sdW=286.9
fwW=2.56
sdS=1218.0
fwS=2.16
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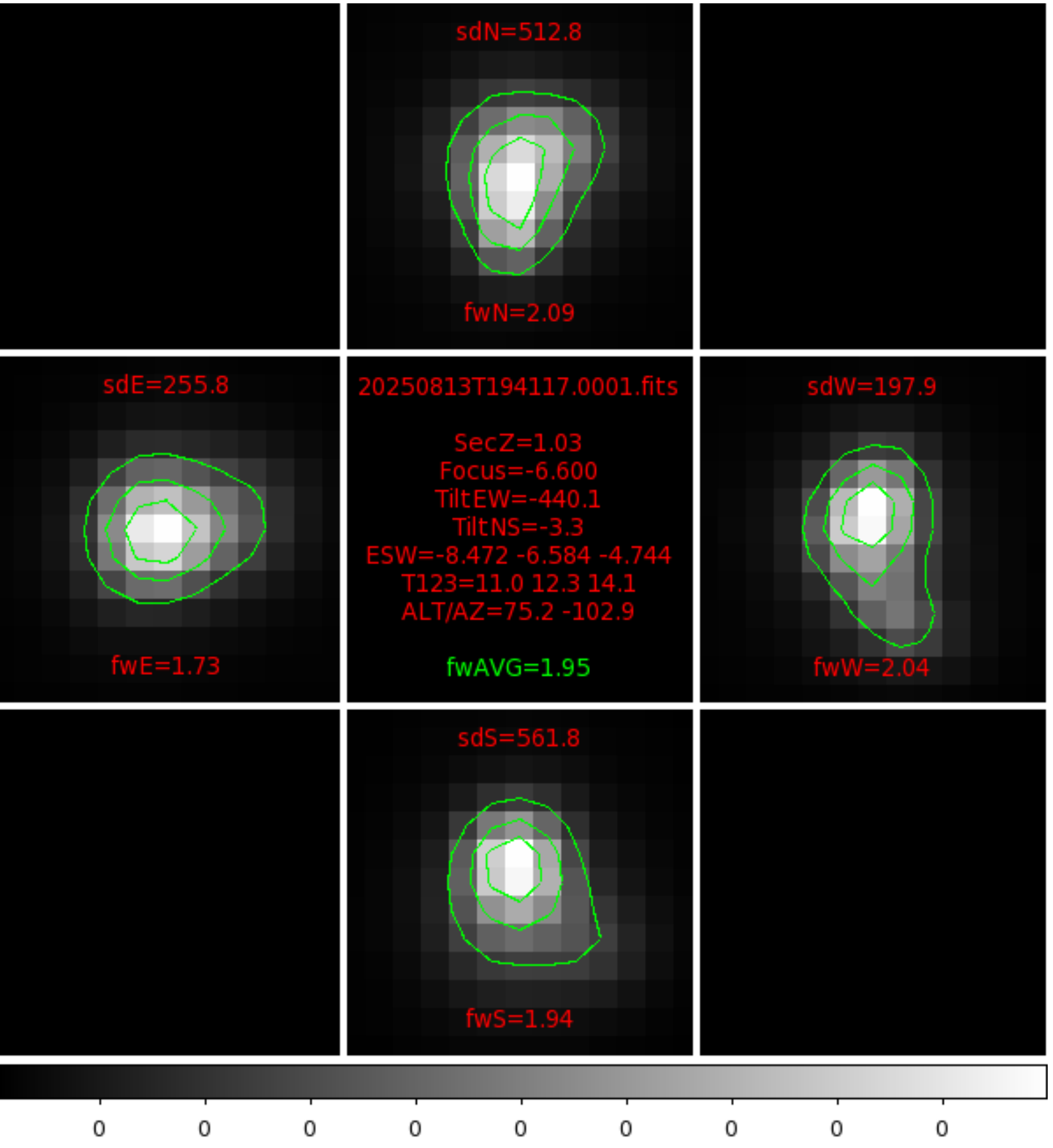
sdN=512.8
fwN=2.09
sdE=255.8
fwE=1.73
20250813T194117.0001.fits
SecZ=1.03
Focus=-6.600
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.472 -6.584 -4.744
T123=11.0 12.3 14.1
ALT/AZ=75.2 -102.9
fwAVG=1.95
sdW=197.9
fwW=2.04
sdS=561.8
fwS=1.94
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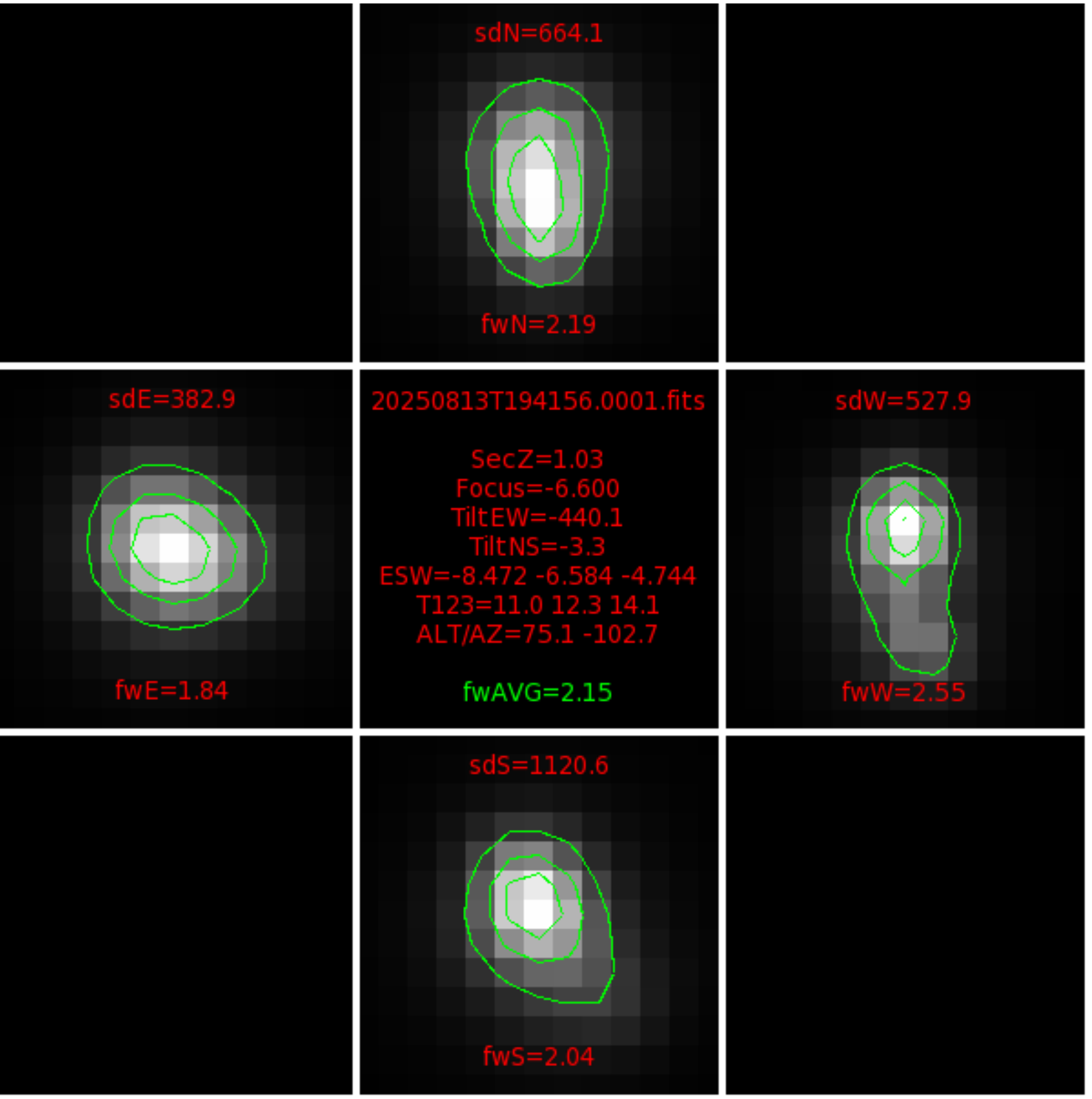
sdN=664.1
fwN=2.19
sdE=382.9
fwE=1.84
20250813T194156.0001.fits
SecZ=1.03
Focus=-6.600
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.472 -6.584 -4.744
T123=11.0 12.3 14.1
ALT/AZ=75.1 -102.7
fwAVG=2.15
sdW=527.9
fwW=2.55
sdS=1120.6
fwS=2.04
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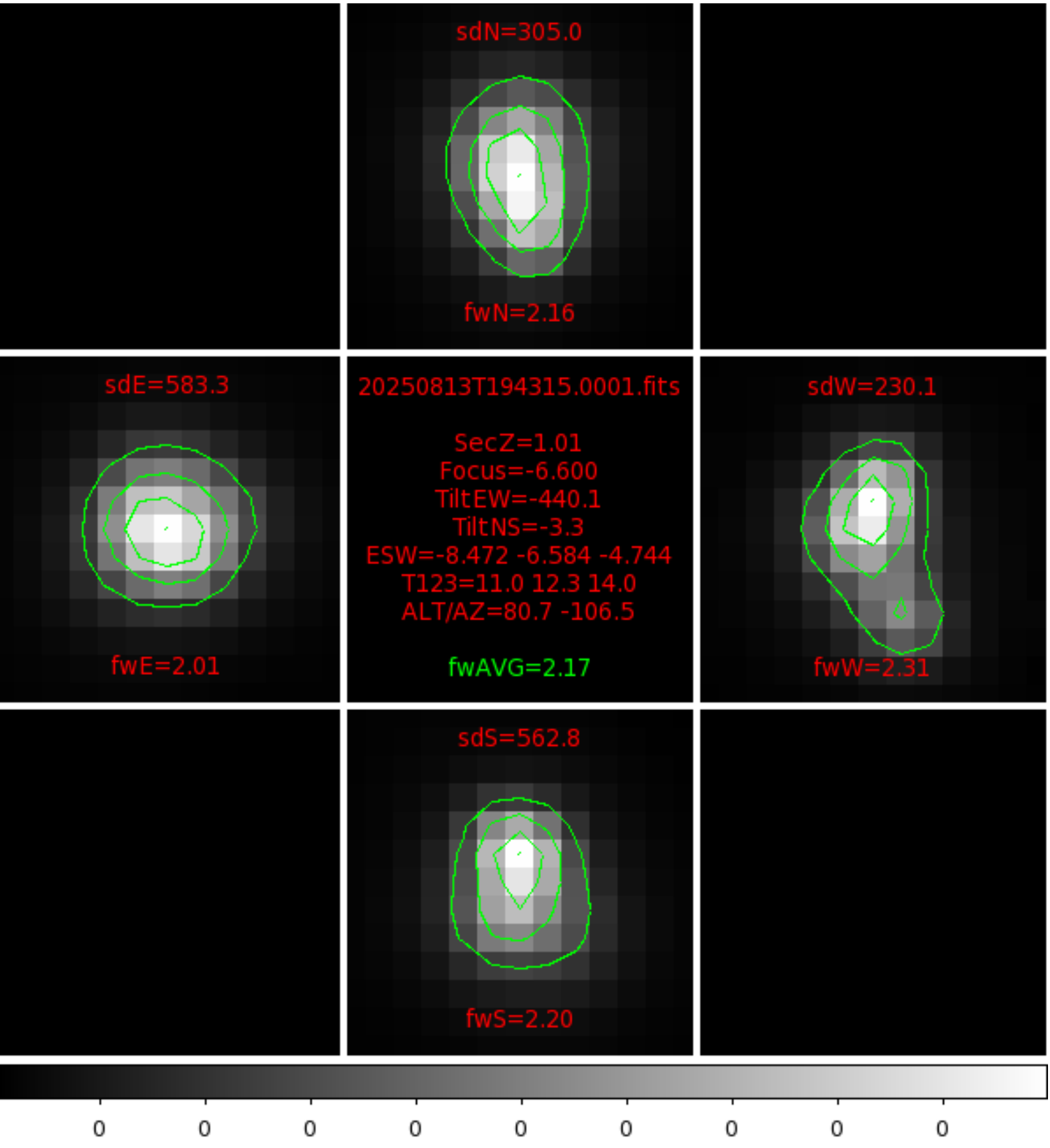
sdN=305.0
fwN=2.16
sdE=583.3
fwE=2.01
20250813T194315.0001.fits
SecZ=1.01
Focus=-6.600
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.472 -6.584 -4.744
T123=11.0 12.3 14.0
ALT/AZ=80.7 -106.5
fwAVG=2.17
sdW=230.1
fwW=2.31
sdS=562.8
fwS=2.20
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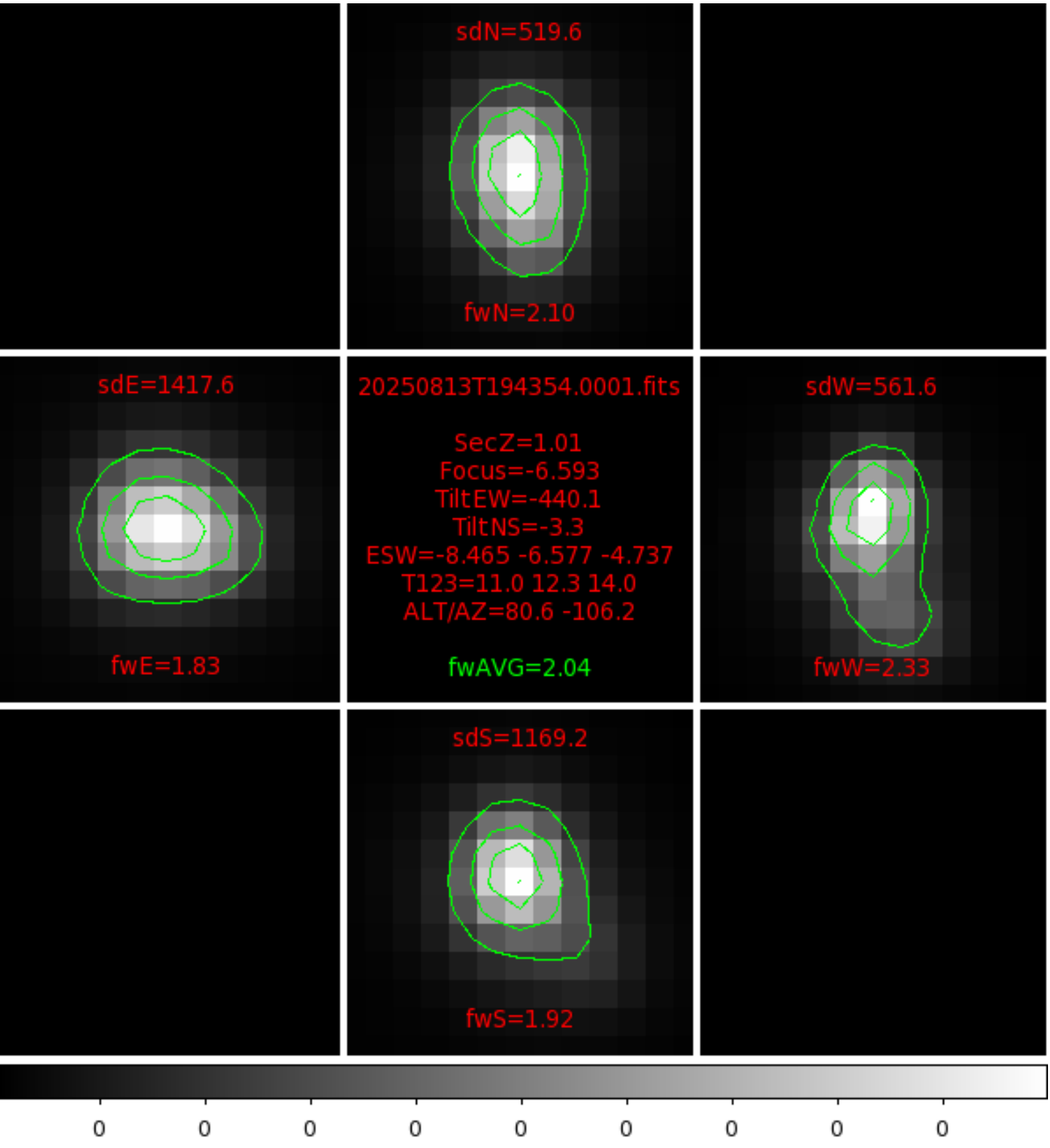
sdN=519.6
fwN=2.10
sdE=1417.6
fwE=1.83
20250813T194354.0001.fits
SecZ=1.01
Focus=-6.593
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.465 -6.577 -4.737
T123=11.0 12.3 14.0
ALT/AZ=80.6 -106.2
fwAVG=2.04
sdW=561.6
fwW=2.33
sdS=1169.2
fwS=1.92
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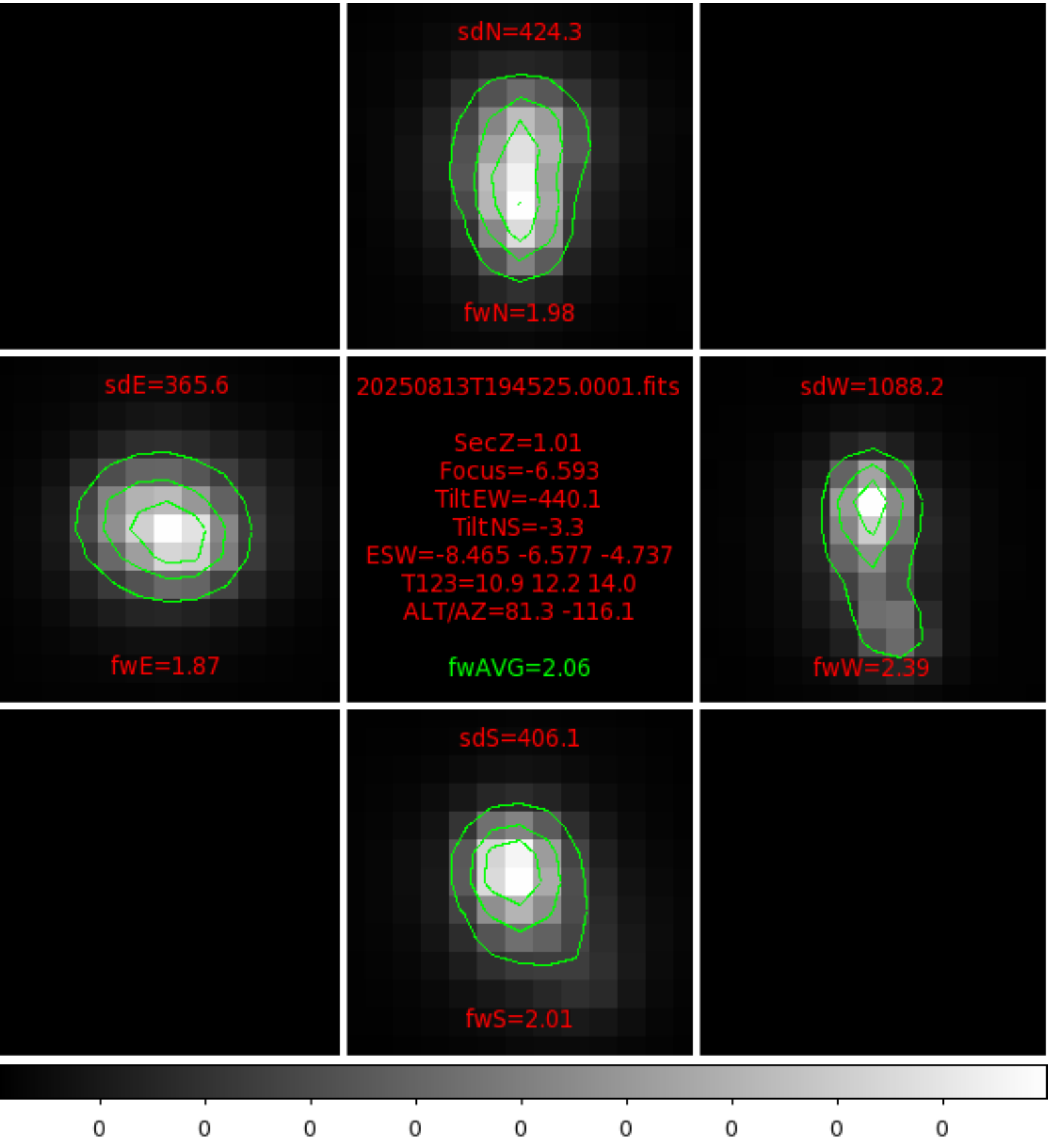
sdN=424.3
fwN=1.98
sdE=365.6
fwE=1.87
20250813T194525.0001.fits
SecZ=1.01
Focus=-6.593
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.465 -6.577 -4.737
T123=10.9 12.2 14.0
ALT/AZ=81.3 -116.1
fwAVG=2.06
sdW=1088.2
fwW=2.39
sdS=406.1
fwS=2.01
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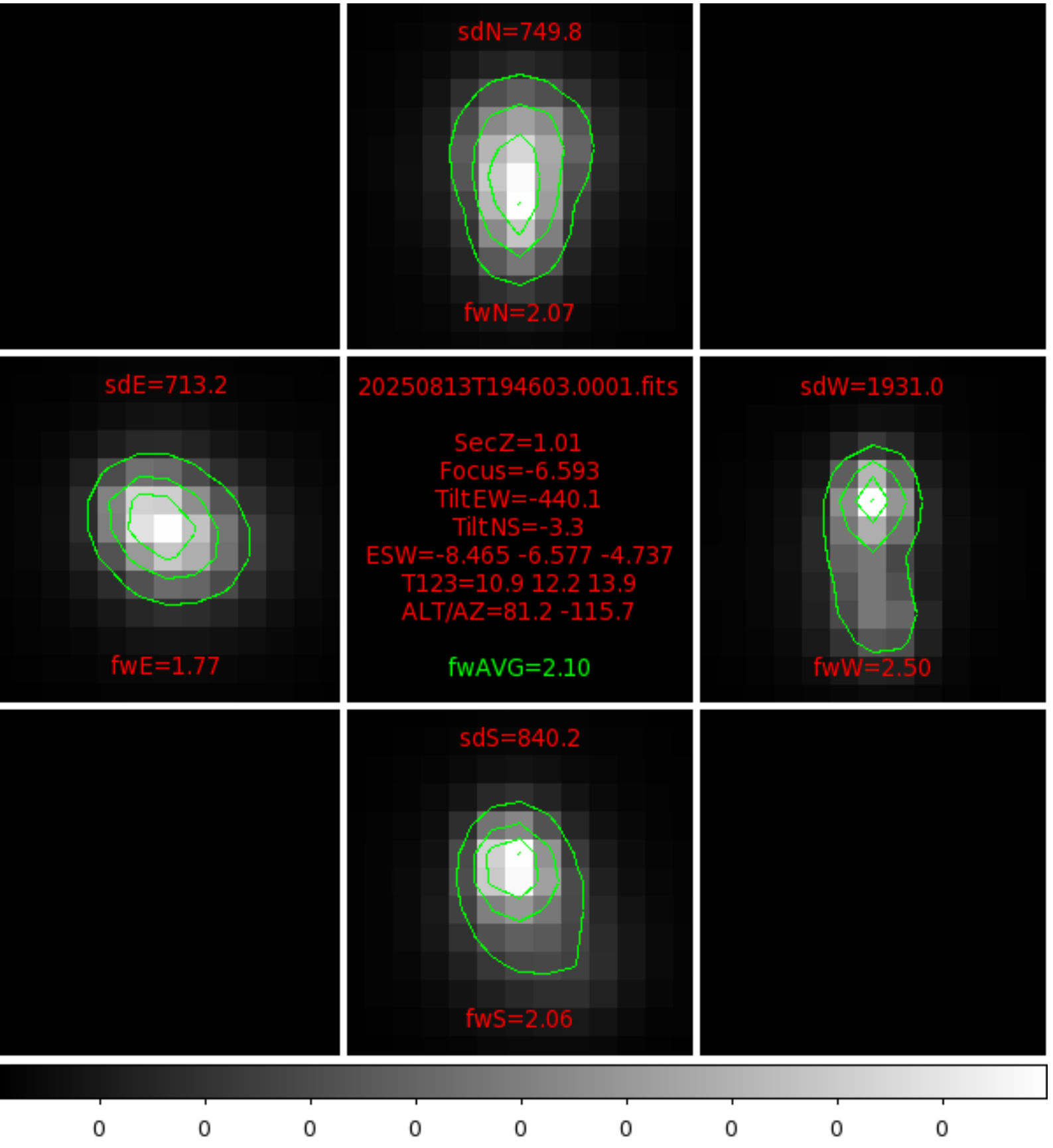
sdN=749.8
fwN=2.07
sdE=713.2
fwE=1.77
20250813T194603.0001.fits
SecZ=1.01
Focus=-6.593
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.465 -6.577 -4.737
T123=10.9 12.2 13.9
ALT/AZ=81.2 -115.7
fwAVG=2.10
sdW=1931.0
fwW=2.50
sdS=840.2
fwS=2.06
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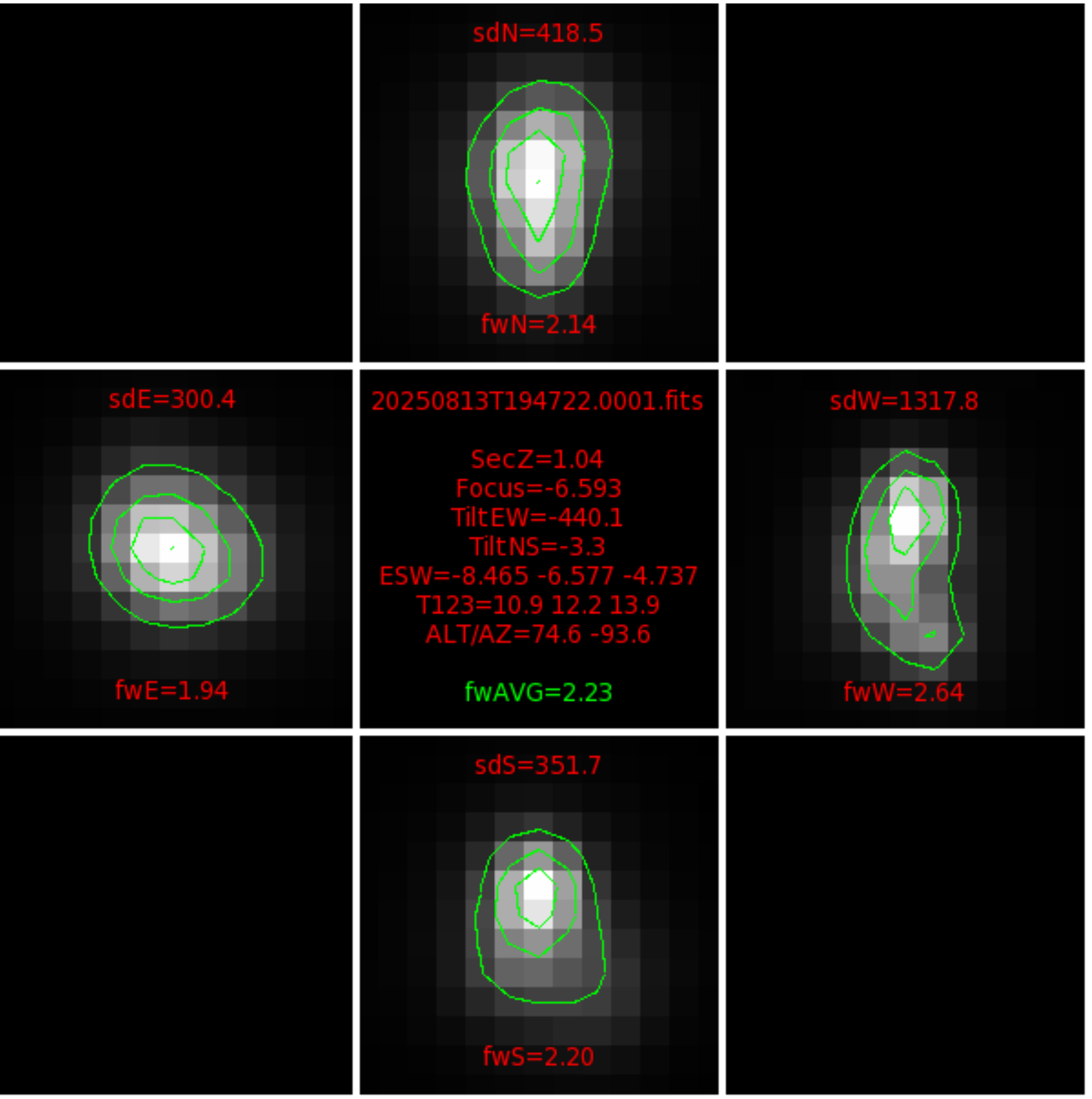
sdN=418.5
fwN=2.14
sdE=300.4
fwE=1.94
20250813T194722.0001.fits
SecZ=1.04
Focus=-6.593
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.465 -6.577 -4.737
T123=10.9 12.2 13.9
ALT/AZ=74.6 -93.6
fwAVG=2.23
sdW=1317.8
fwW=2.64
sdS=351.7
fwS=2.20
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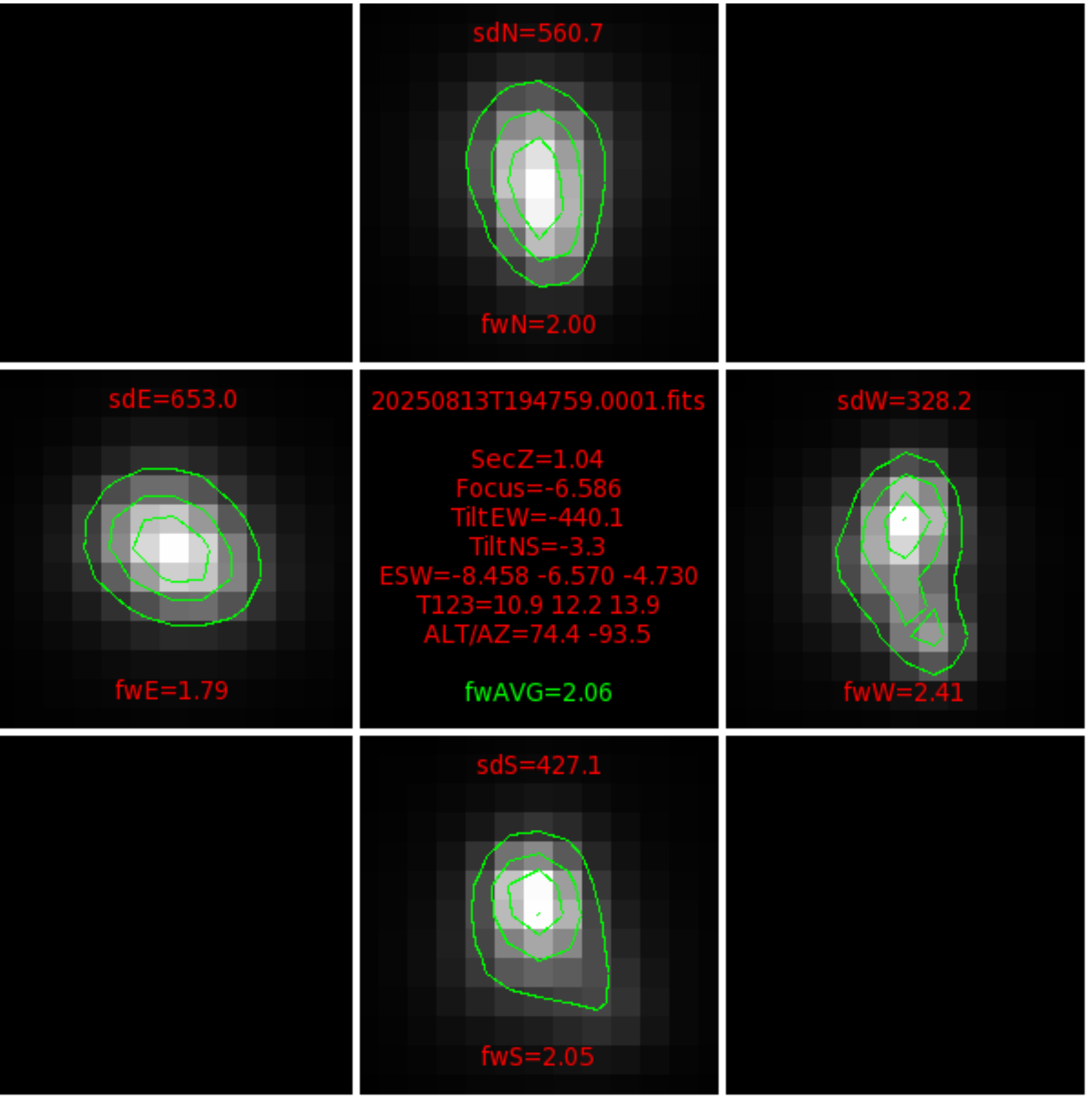
sdN=560.7
fwN=2.00
sdE=653.0
fwE=1.79
20250813T194759.0001.fits
SecZ=1.04
Focus=-6.586
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.458 -6.570 -4.730
T123=10.9 12.2 13.9
ALT/AZ=74.4 -93.5
fwAVG=2.06
sdW=328.2
fwW=2.41
sdS=427.1
fwS=2.05
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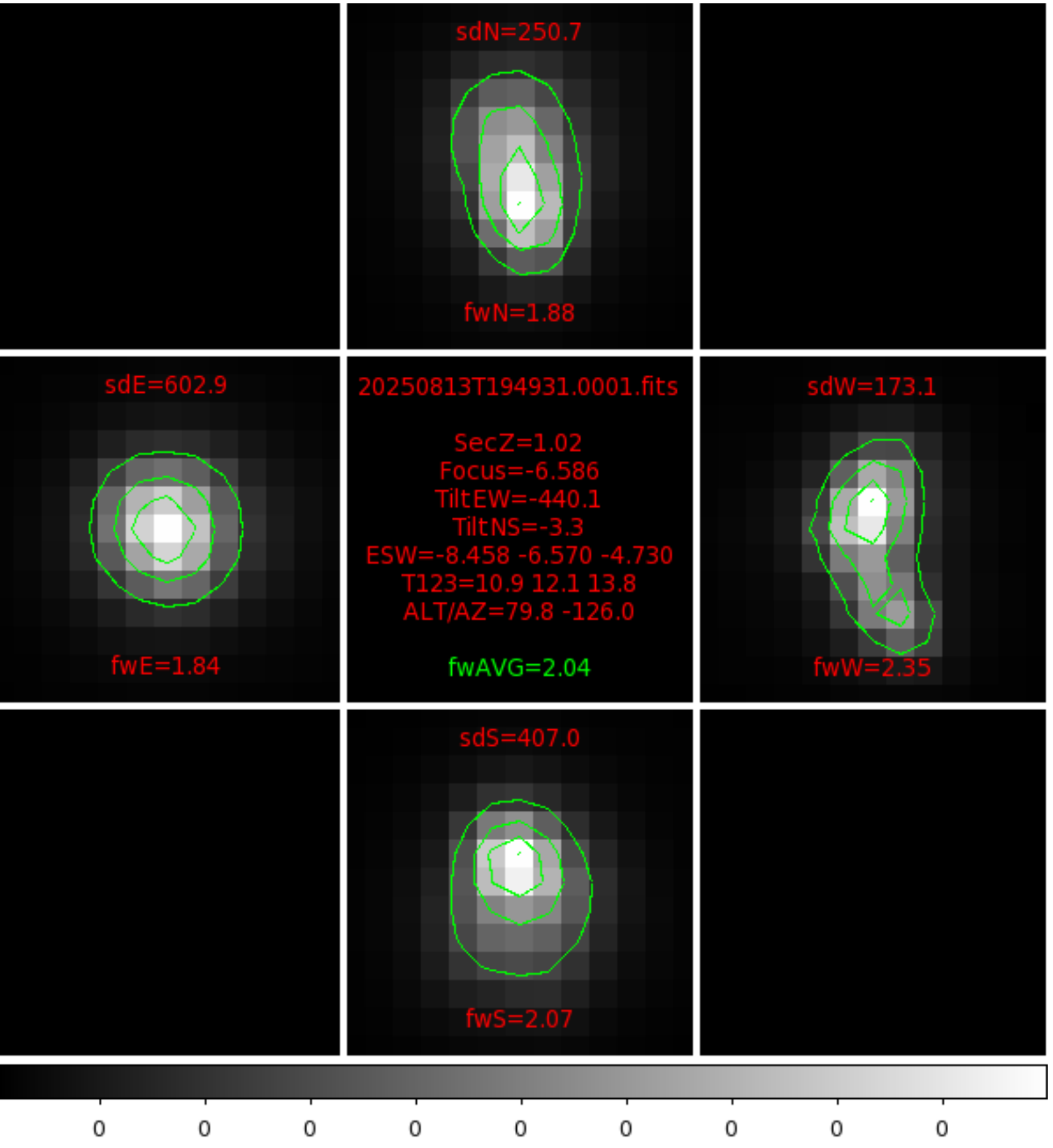
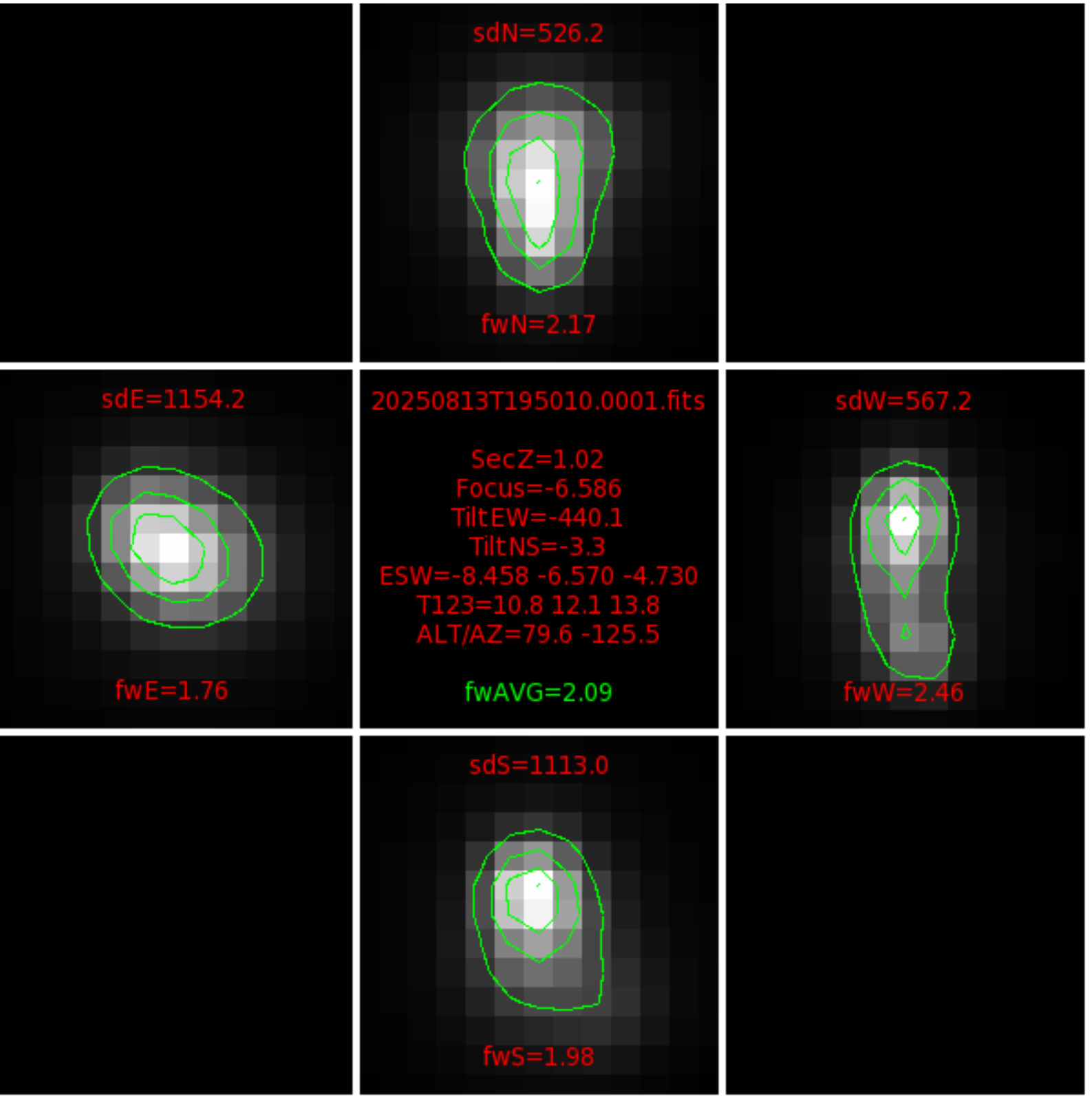

sdN=250.7
fwN=1.88
sdE=602.9
fwE=1.84
20250813T194931.0001.fits
SecZ=1.02
Focus=-6.586
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.458 -6.570 -4.730
T123=10.9 12.1 13.8
ALT/AZ=79.8 -126.0
fwAVG=2.04
sdW=173.1
fwW=2.35
sdS=407.0
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=526.2
fwN=2.17
sdE=1154.2
fwE=1.76
20250813T195010.0001.fits
SecZ=1.02
Focus=-6.586
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.458 -6.570 -4.730
T123=10.8 12.1 13.8
ALT/AZ=79.6 -125.5
fwAVG=2.09
sdW=567.2
fwW=2.46
sdS=1113.0
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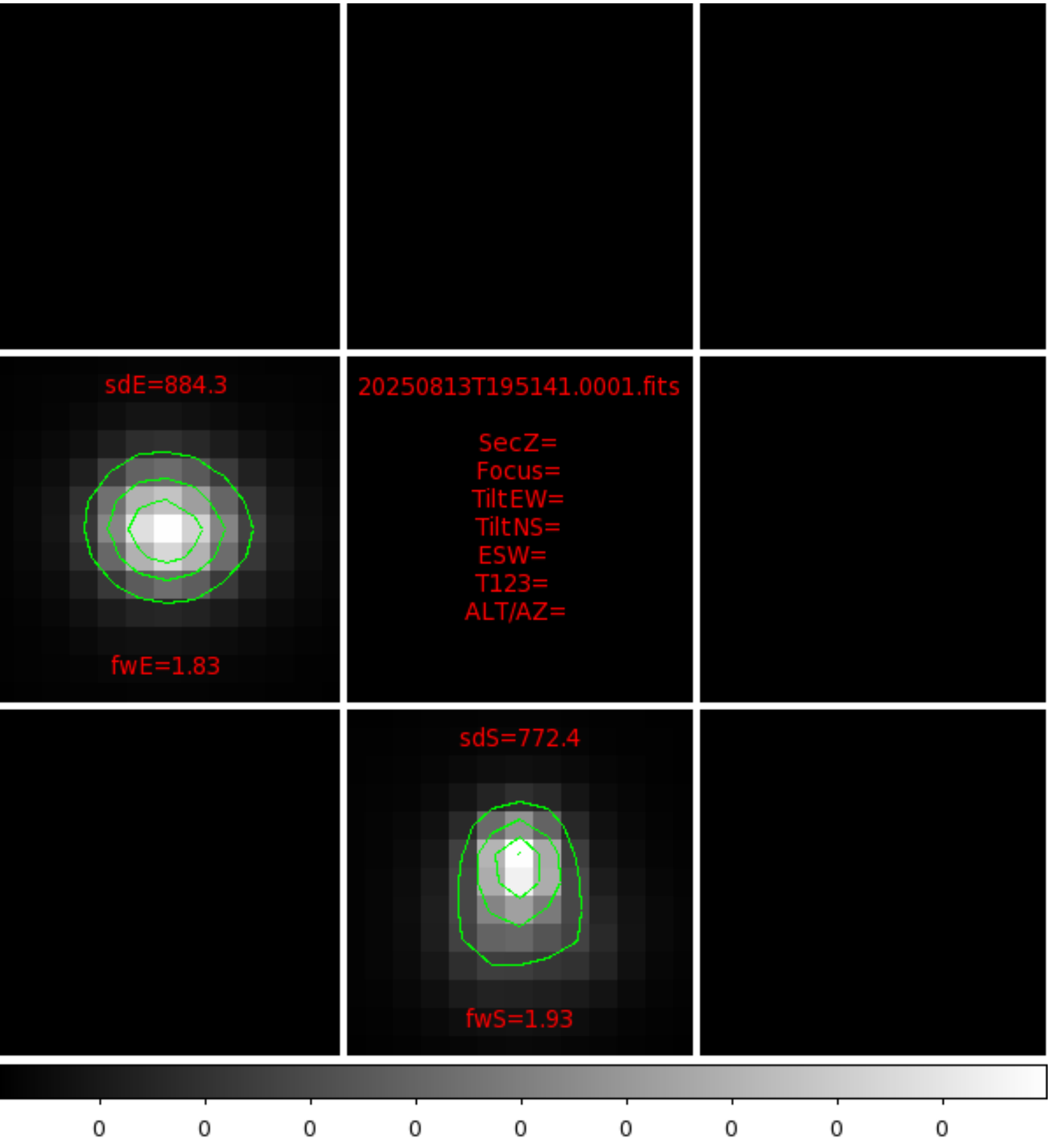
sdE=884.3
20250813T195141.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=1.83
sdS=772.4
fwS=1.93
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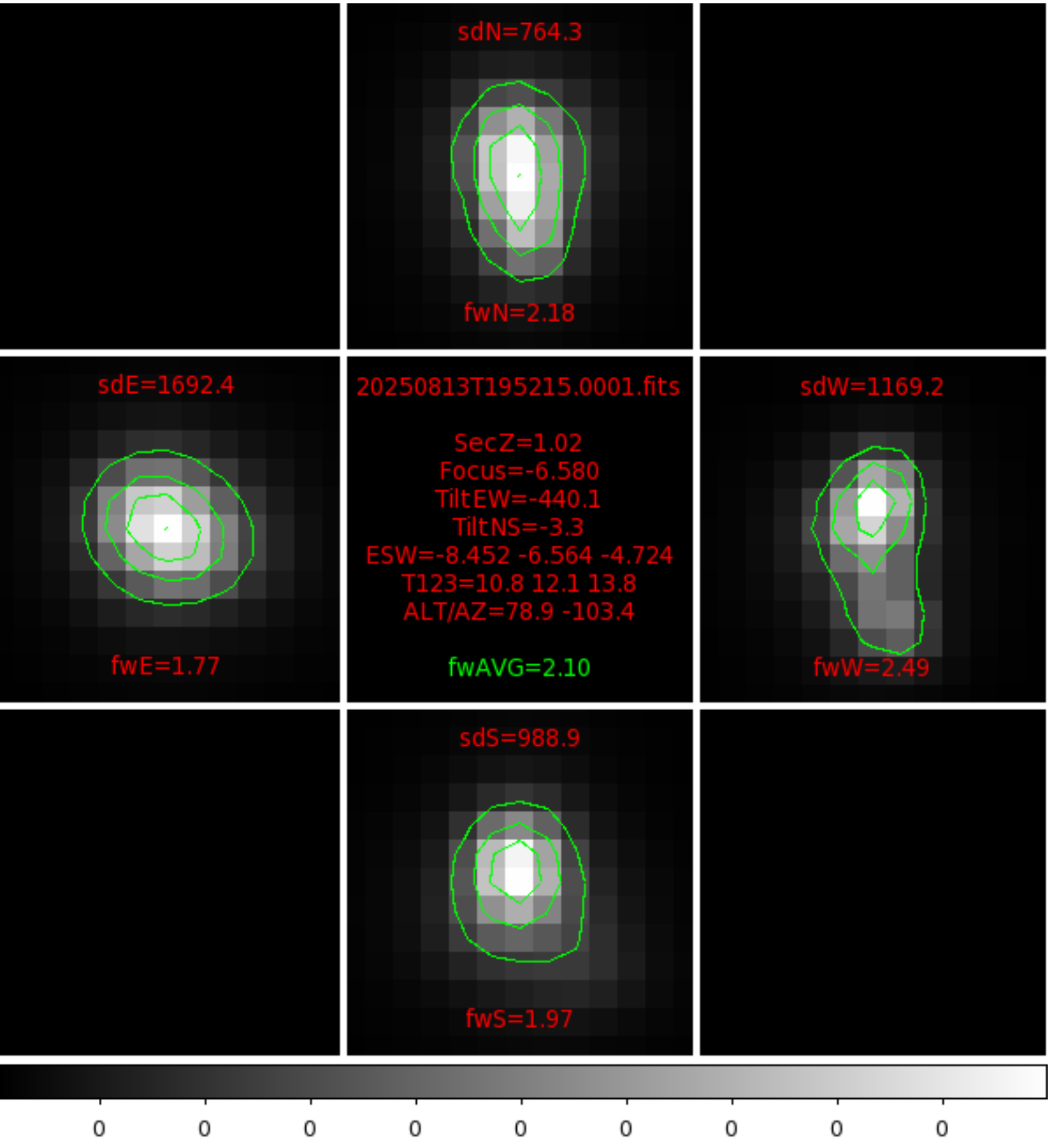
0
0
0
0
0
0
0
0


sdN=764.3
fwN=2.18
sdE=1692.4
fwE=1.77
20250813T195215.0001.fits
SecZ=1.02
Focus=-6.580
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.452 -6.564 -4.724
T123=10.8 12.1 13.8
ALT/AZ=78.9 -103.4
fwAVG=2.10
sdW=1169.2
fwW=2.49
sdS=988.9
fwS=1.97
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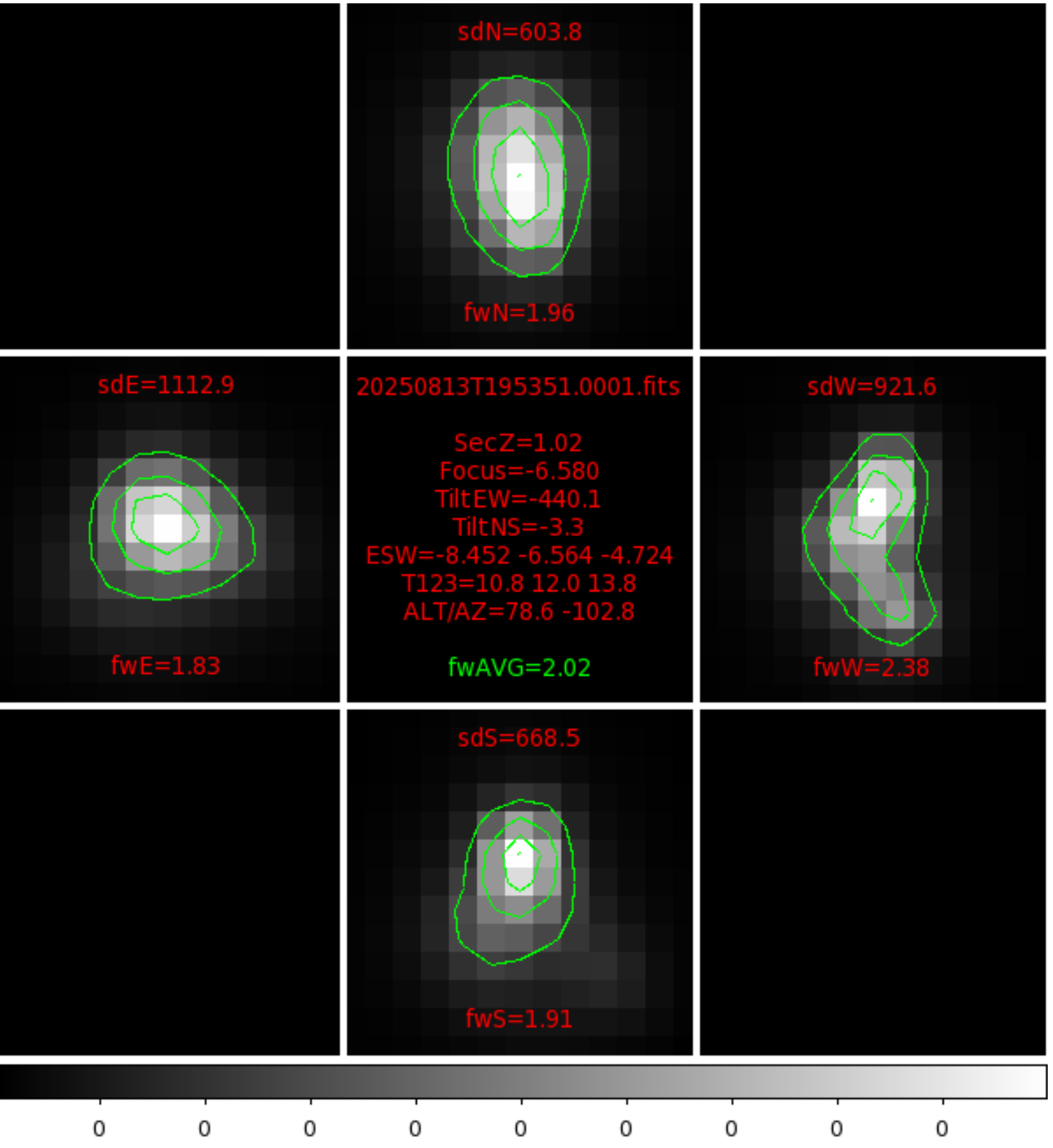
sdN=603.8
fwN=1.96
sdE=1112.9
fwE=1.83
20250813T195351.0001.fits
SecZ=1.02
Focus=-6.580
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.452 -6.564 -4.724
T123=10.8 12.0 13.8
ALT/AZ=78.6 -102.8
fwAVG=2.02
sdW=921.6
fwW=2.38
sdS=668.5
fwS=1.91
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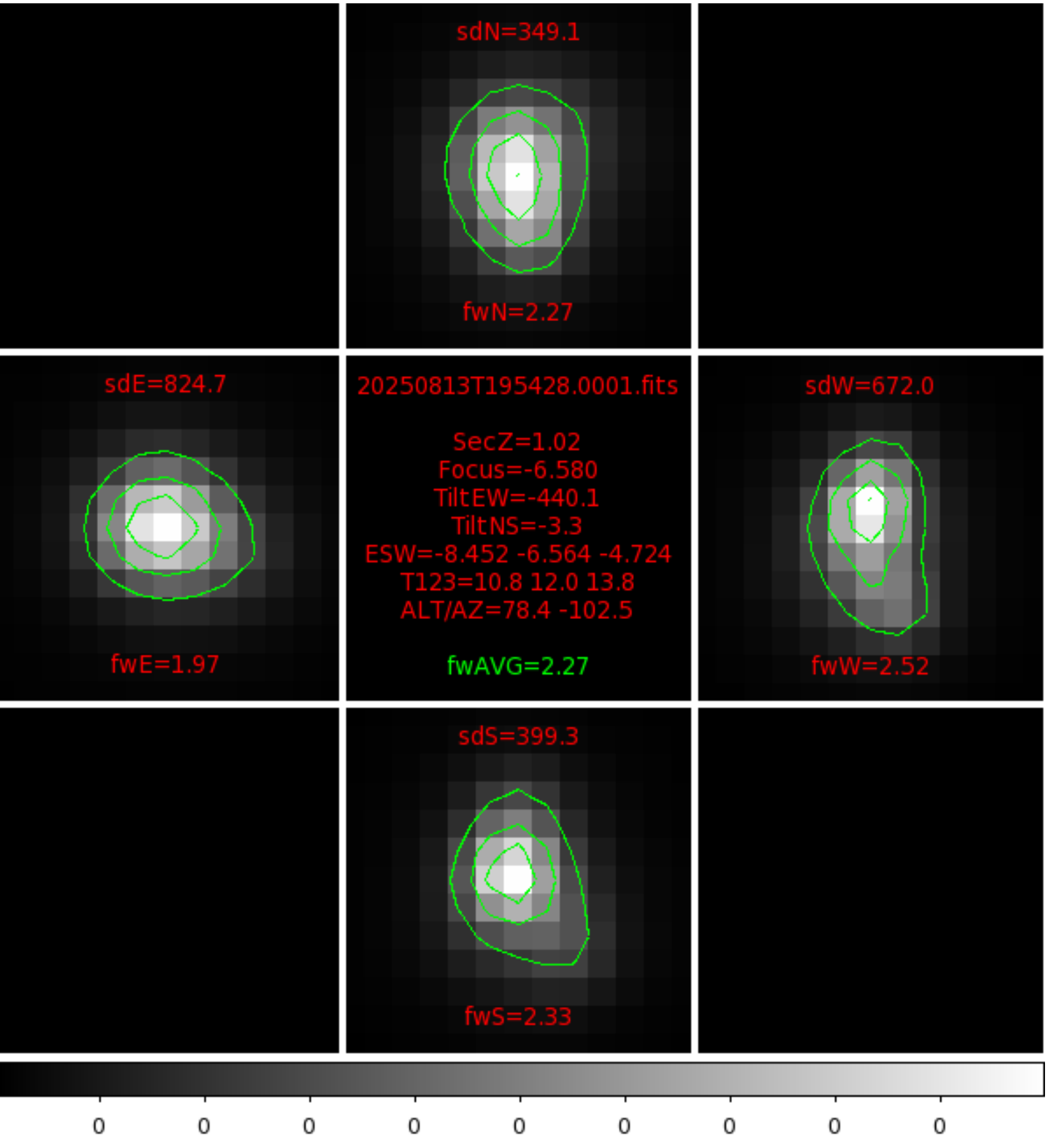
sdN=349.1
fwN=2.27
sdE=824.7
fwE=1.97
20250813T195428.0001.fits
SecZ=1.02
Focus=-6.580
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.452 -6.564 -4.724
T123=10.8 12.0 13.8
ALT/AZ=78.4 -102.5
fwAVG=2.27
sdW=672.0
fwW=2.52
sdS=399.3
fwS=2.33
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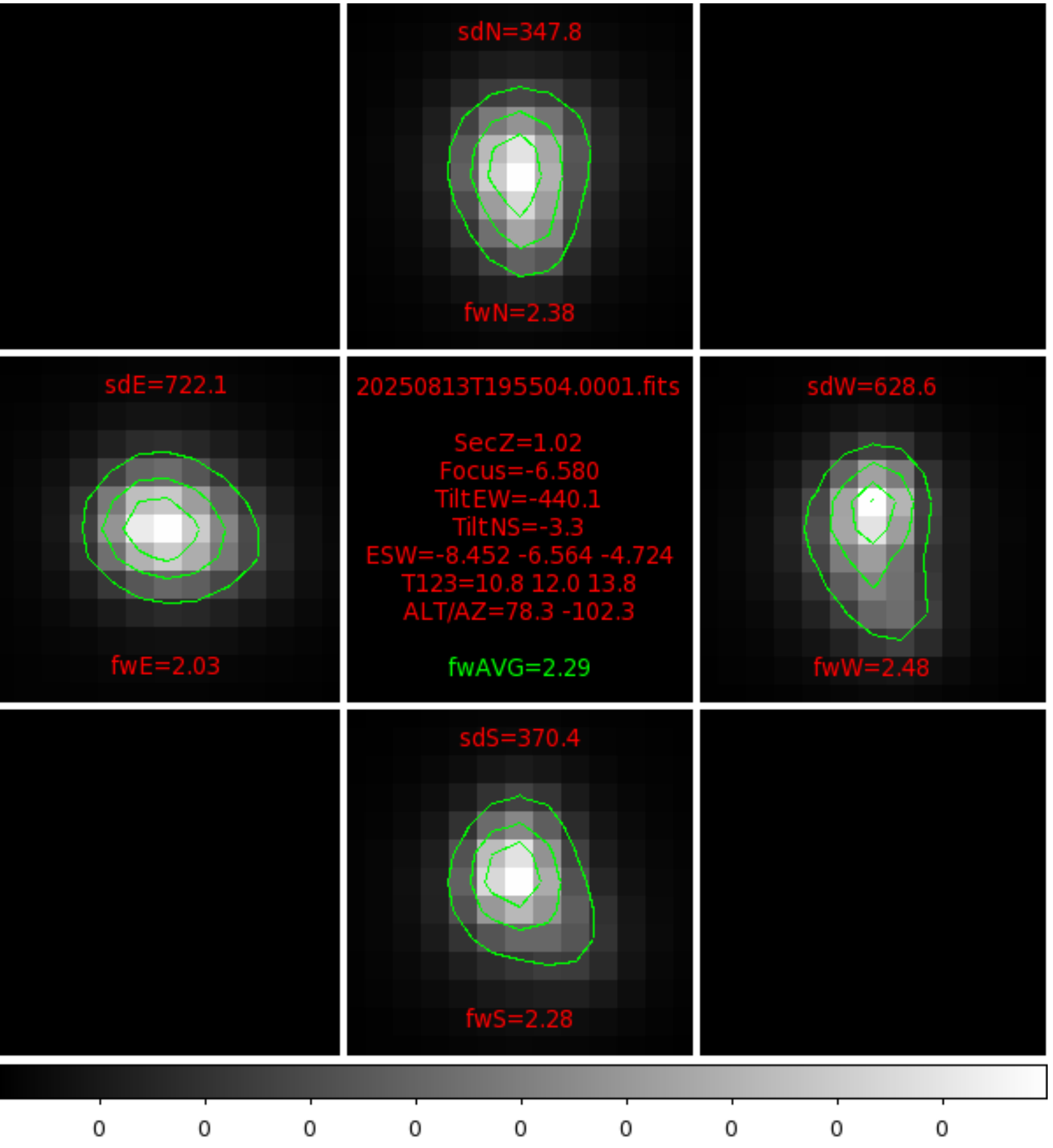
sdN=347.8
fwN=2.38
sdE=722.1
fwE=2.03
20250813T195504.0001.fits
SecZ=1.02
Focus=-6.580
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.452 -6.564 -4.724
T123=10.8 12.0 13.8
ALT/AZ=78.3 -102.3
fwAVG=2.29
sdW=628.6
fwW=2.48
sdS=370.4
fwS=2.28
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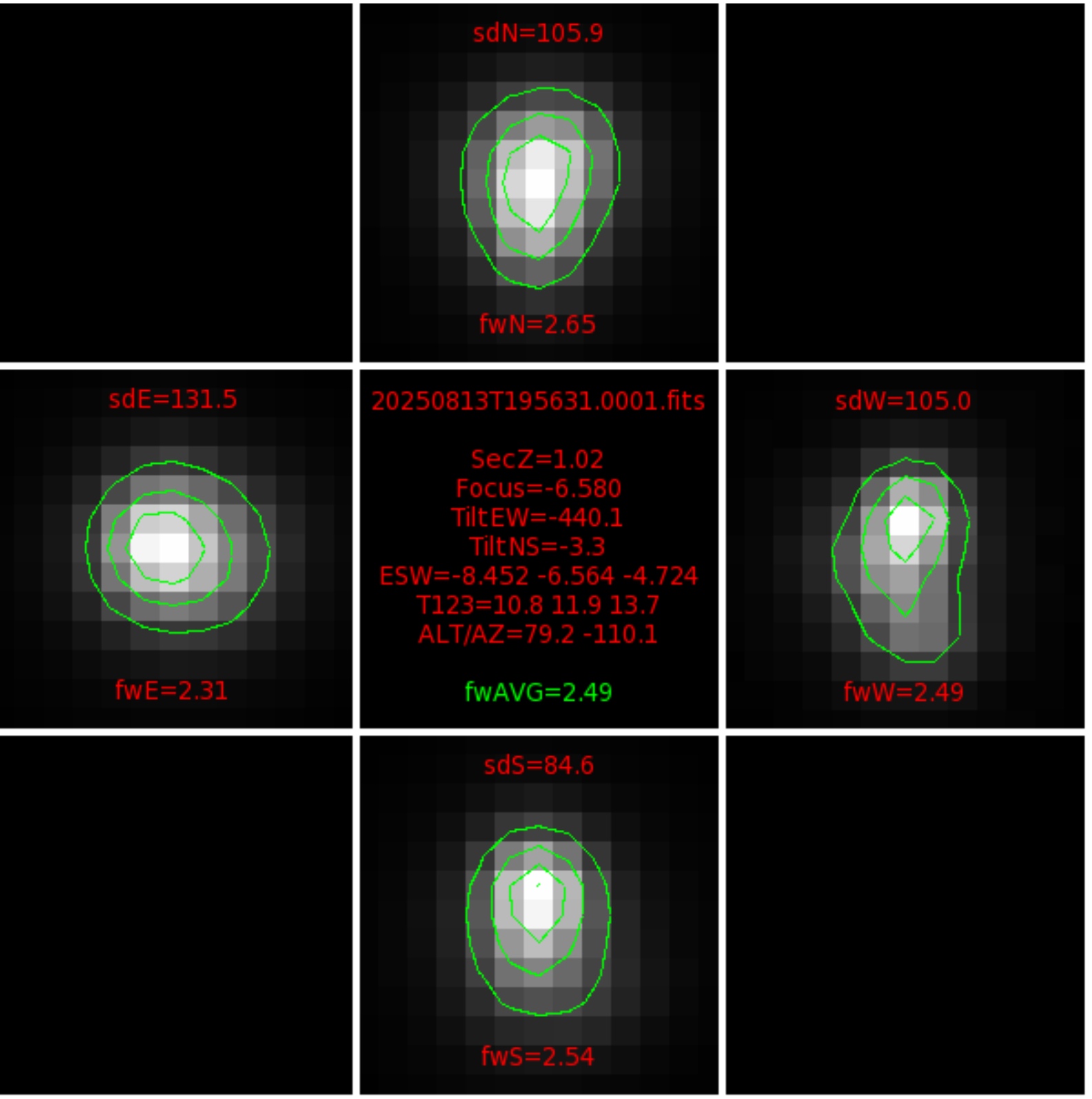
sdN=105.9
fwN=2.65
sdE=131.5
fwE=2.31
20250813T195631.0001.fits
SecZ=1.02
Focus=-6.580
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.452 -6.564 -4.724
T123=10.8 11.9 13.7
ALT/AZ=79.2 -110.1
fwAVG=2.49
sdW=105.0
fwW=2.49
sdS=84.6
fwS=2.54
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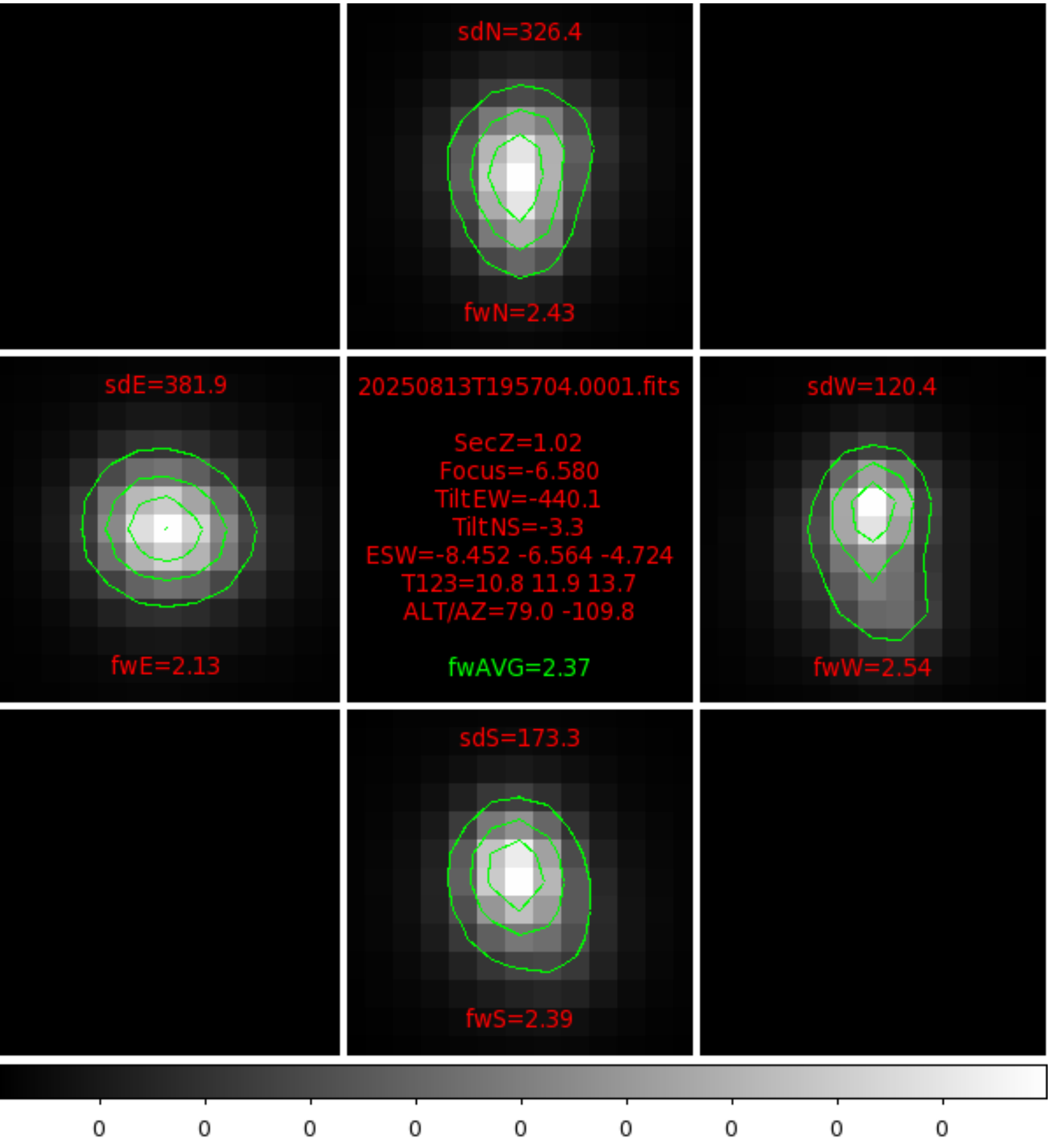
sdN=326.4
fwN=2.43
sdE=381.9
fwE=2.13
20250813T195704.0001.fits
SecZ=1.02
Focus=-6.580
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.452 -6.564 -4.724
T123=10.8 11.9 13.7
ALT/AZ=79.0 -109.8
fwAVG=2.37
sdW=120.4
fwW=2.54
sdS=173.3
fwS=2.39
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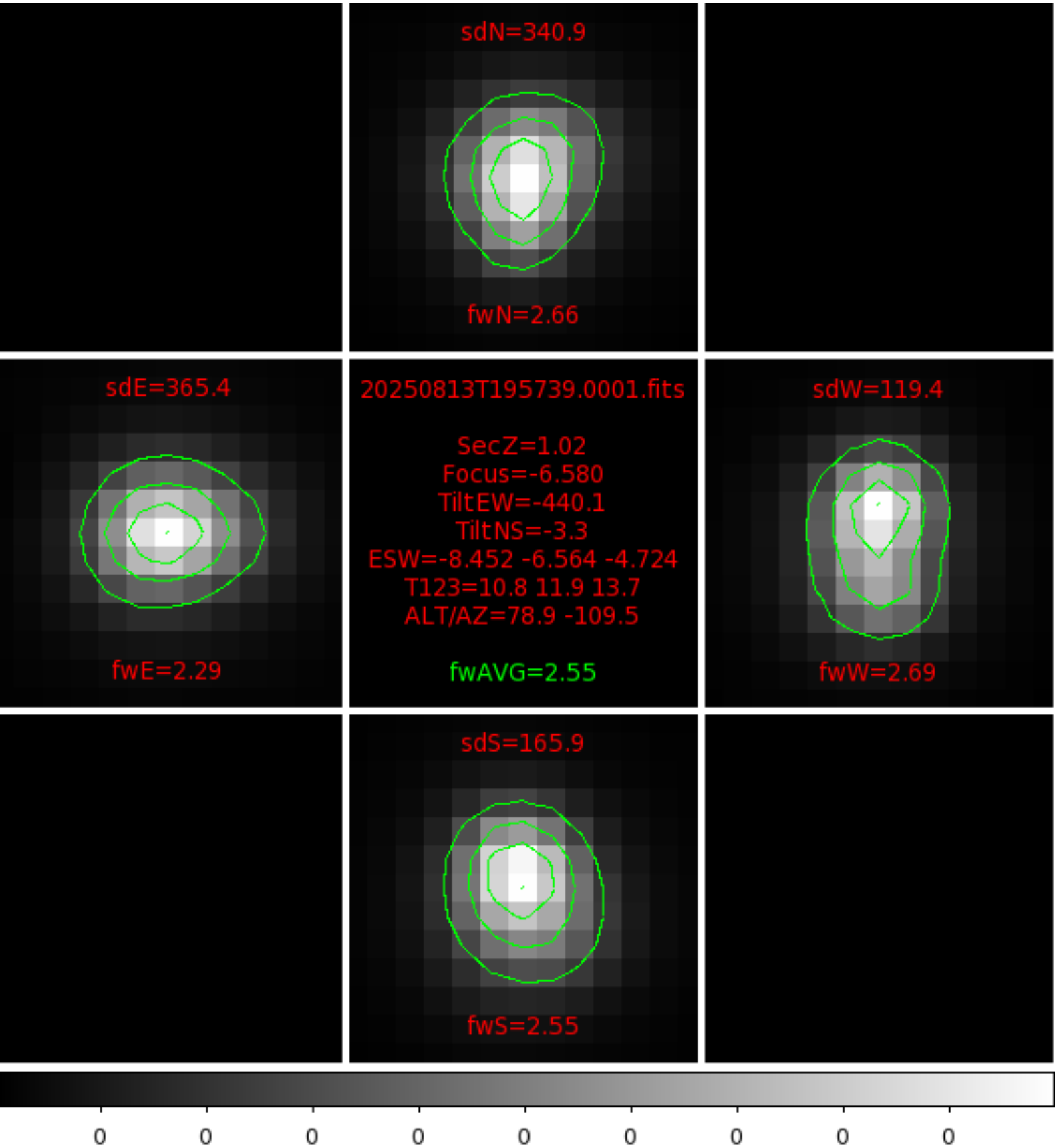
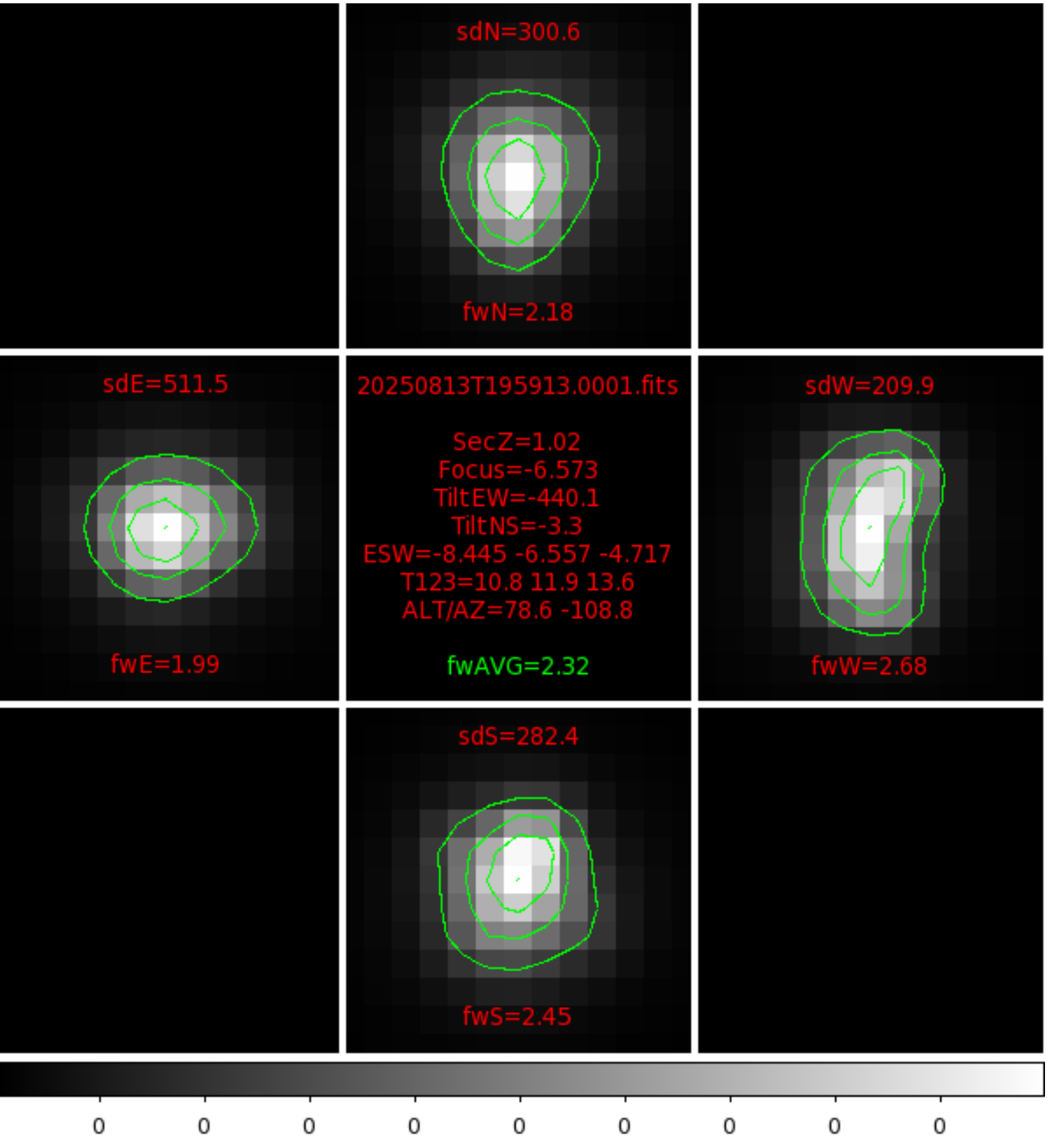

sdN=340.9
fwN=2.66
sdE=365.4
fwE=2.29
20250813T195739.0001.fits
SecZ=1.02
Focus=-6.580
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.452 -6.564 -4.724
T123=10.8 11.9 13.7
ALT/AZ=78.9 -109.5
fwAVG=2.55
sdW=119.4
fwW=2.69
sdS=165.9
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=300.6
fwN=2.18
sdE=511.5
fwE=1.99
20250813T195913.0001.fits
SecZ=1.02
Focus=-6.573
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.445 -6.557 -4.717
T123=10.8 11.9 13.6
ALT/AZ=78.6 -108.8
fwAVG=2.32
sdW=209.9
fwW=2.68
sdS=282.4
fwS=2.45
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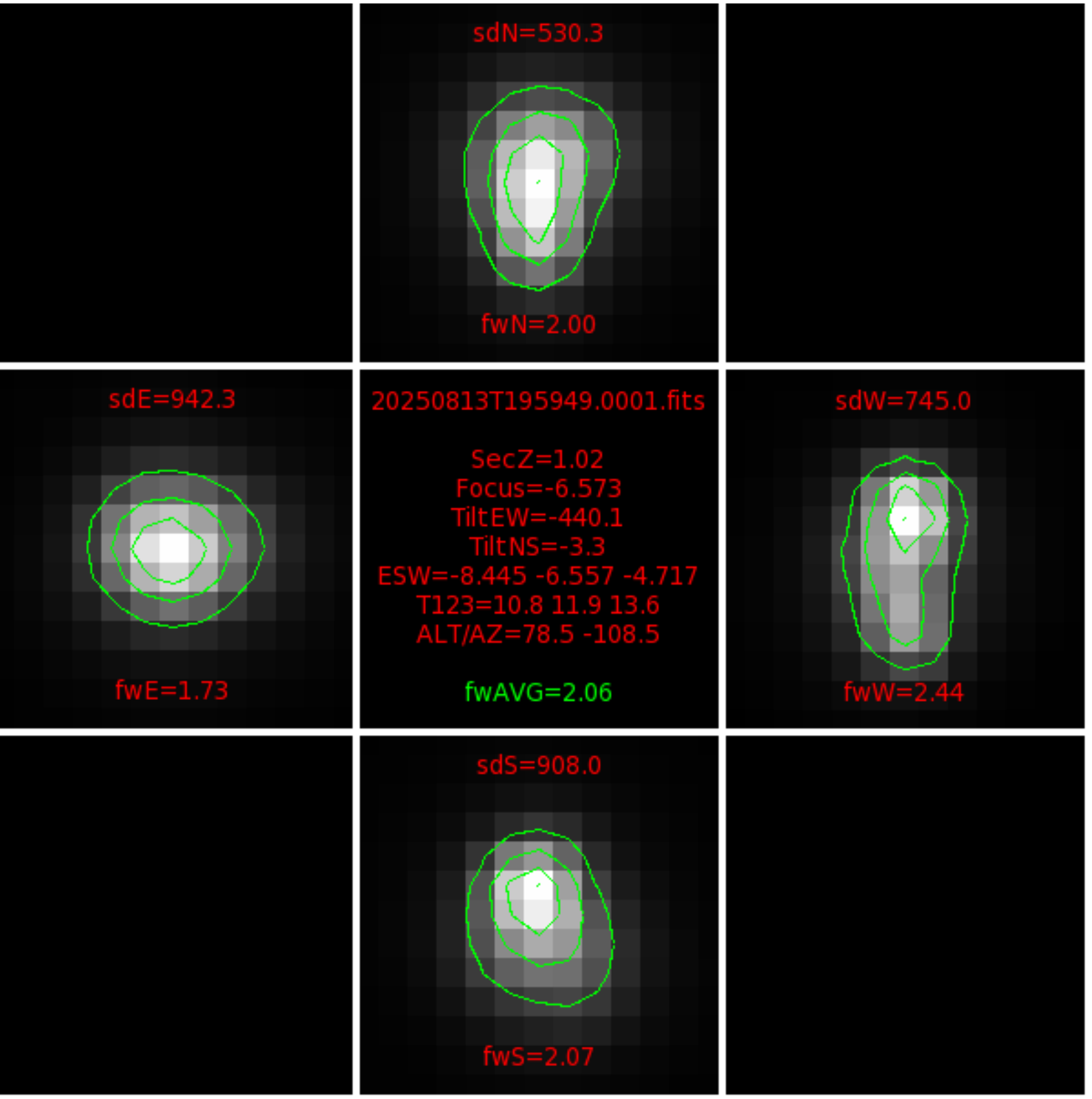
sdN=530.3
fwN=2.00
sdE=942.3
fwE=1.73
20250813T195949.0001.fits
SecZ=1.02
Focus=-6.573
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.445 -6.557 -4.717
T123=10.8 11.9 13.6
ALT/AZ=78.5 -108.5
fwAVG=2.06
sdW=745.0
fwW=2.44
sdS=908.0
fwS=2.07
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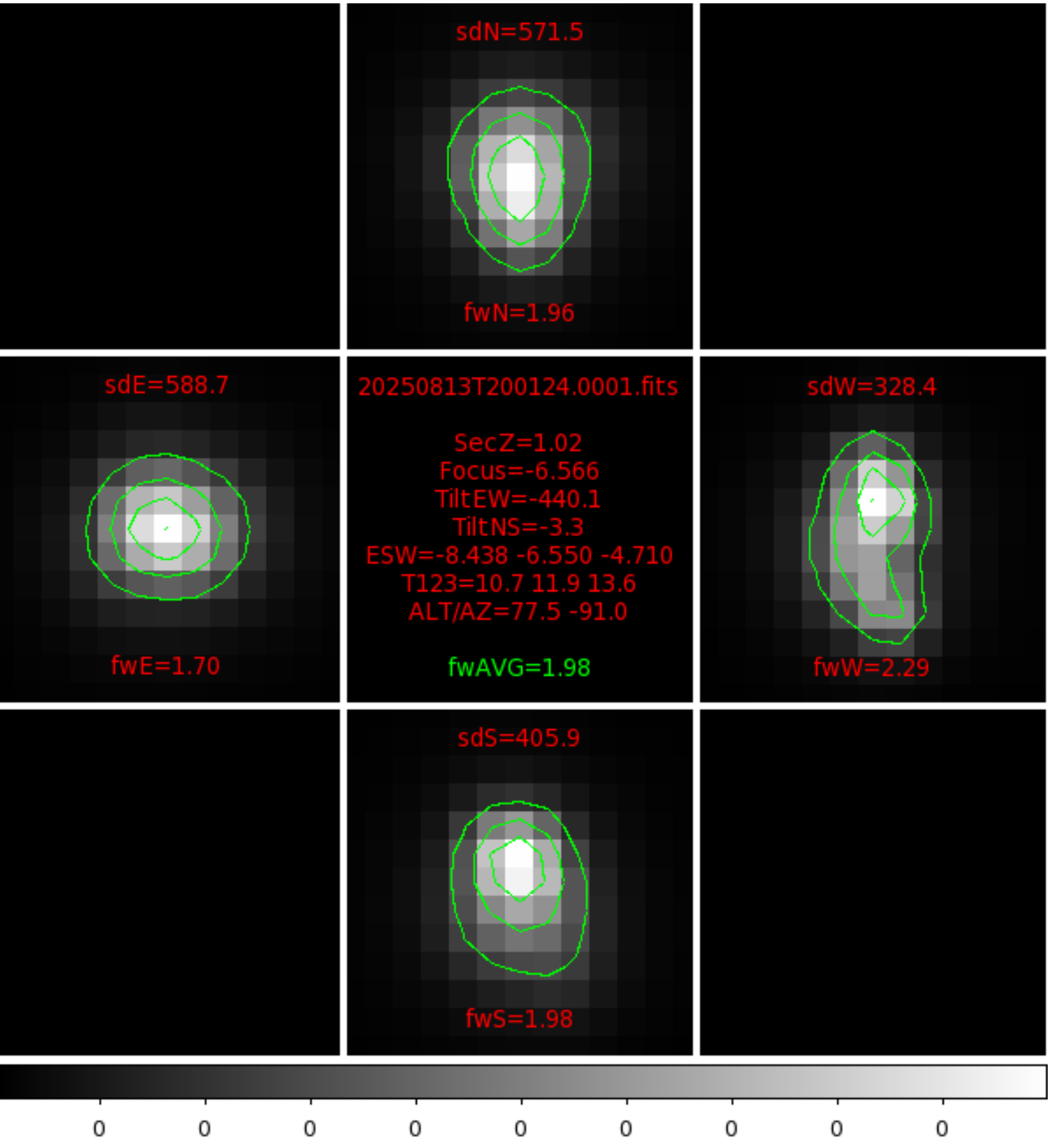
sdN=571.5
fwN=1.96
sdE=588.7
fwE=1.70
20250813T200124.0001.fits
SecZ=1.02
Focus=-6.566
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.438 -6.550 -4.710
T123=10.7 11.9 13.6
ALT/AZ=77.5 -91.0
fwAVG=1.98
sdW=328.4
fwW=2.29
sdS=405.9
fwS=1.98
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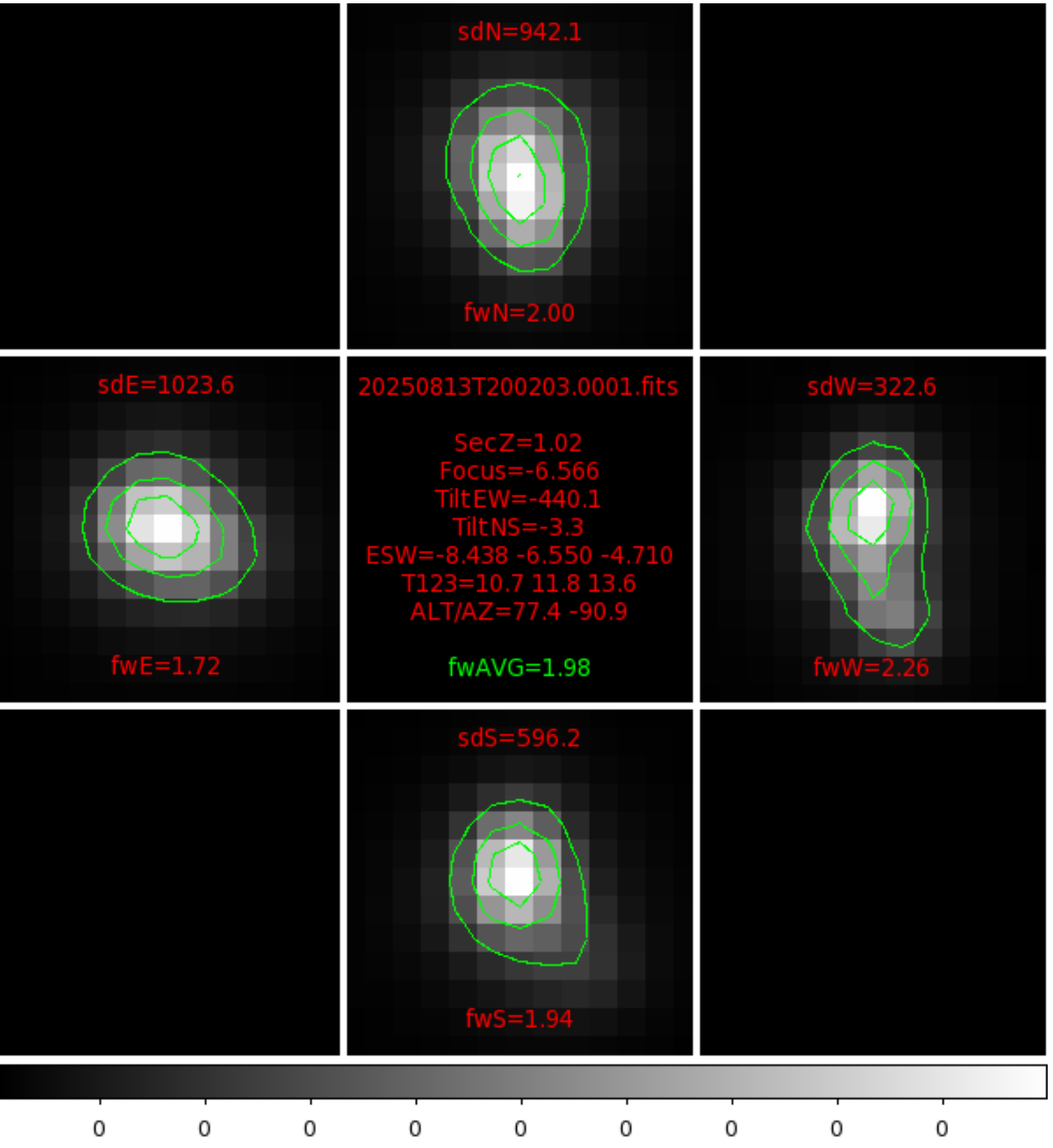
sdN=942.1
fwN=2.00
sdE=1023.6
fwE=1.72
20250813T200203.0001.fits
SecZ=1.02
Focus=-6.566
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.438 -6.550 -4.710
T123=10.7 11.8 13.6
ALT/AZ=77.4 -90.9
fwAVG=1.98
sdW=322.6
fwW=2.26
sdS=596.2
fwS=1.94
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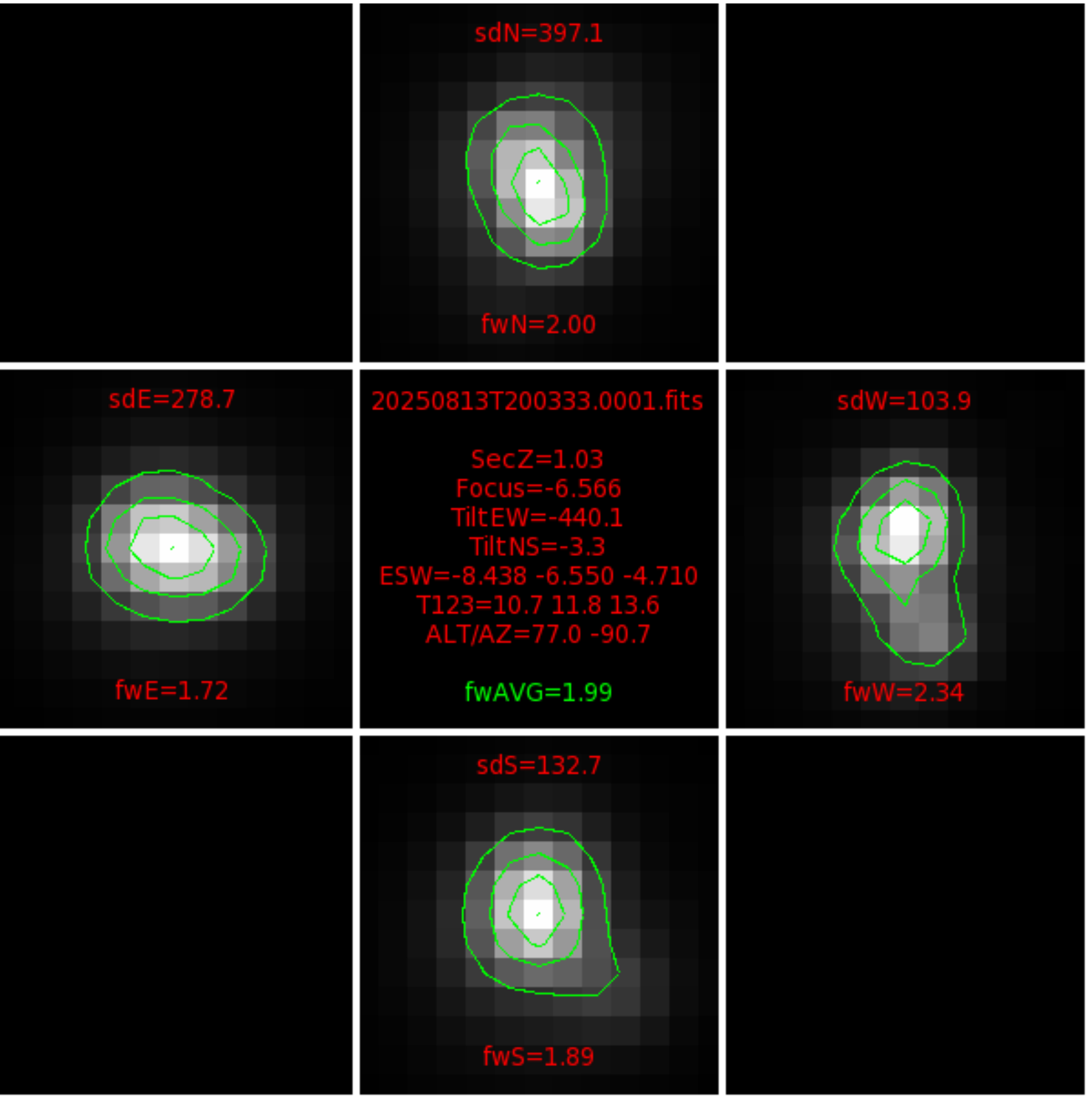
sdN=397.1
fwN=2.00
sdE=278.7
fwE=1.72
20250813T200333.0001.fits
SecZ=1.03
Focus=-6.566
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.438 -6.550 -4.710
T123=10.7 11.8 13.6
ALT/AZ=77.0 -90.7
fwAVG=1.99
sdW=103.9
fwW=2.34
sdS=132.7
fwS=1.89
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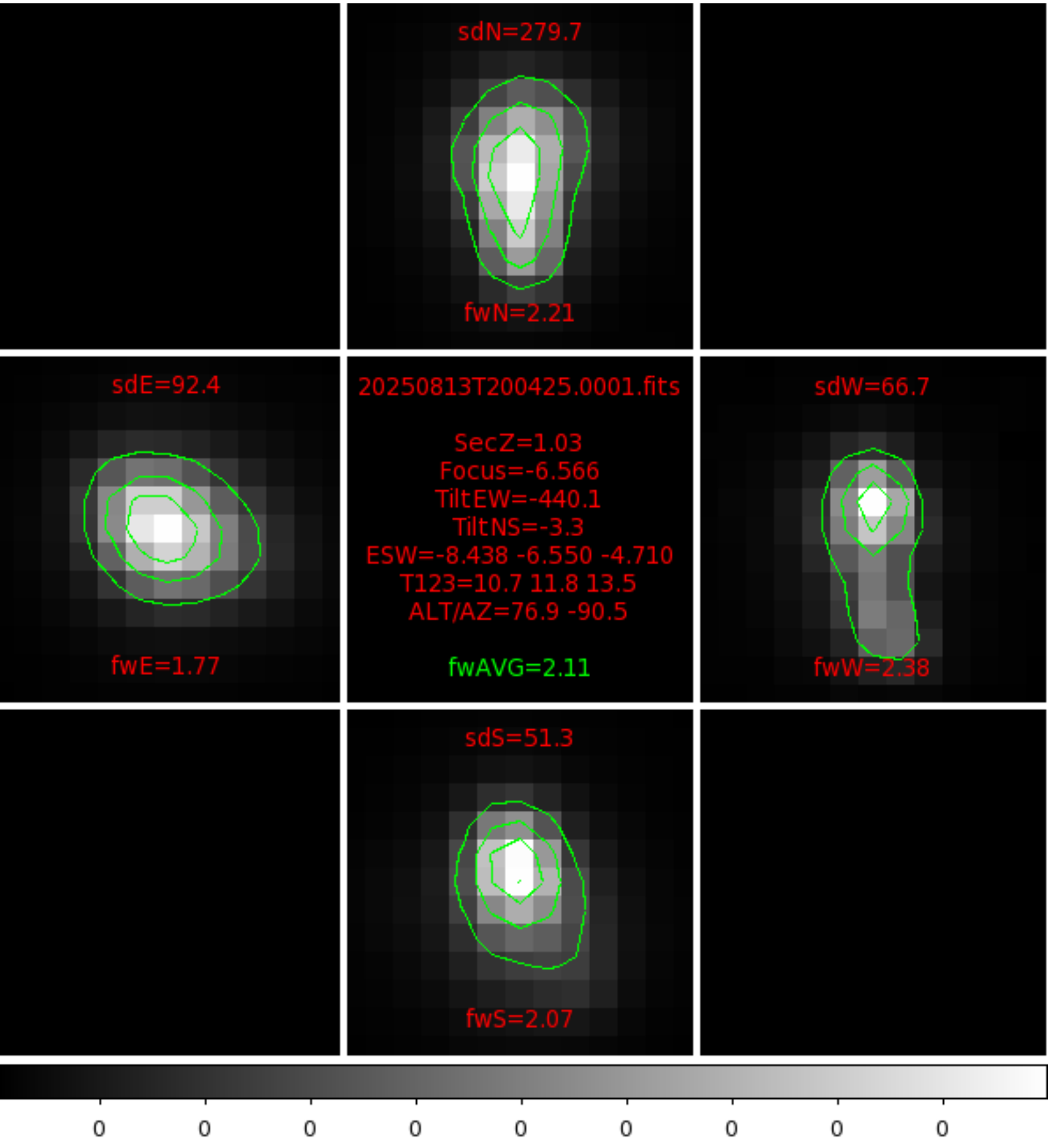
sdN=279.7
fwN=2.21
sdE=92.4
fwE=1.77
20250813T200425.0001.fits
SecZ=1.03
Focus=-6.566
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.438 -6.550 -4.710
T123=10.7 11.8 13.5
ALT/AZ=76.9 -90.5
fwAVG=2.11
sdW=66.7
fwW=2.38
sdS=51.3
fwS=2.07
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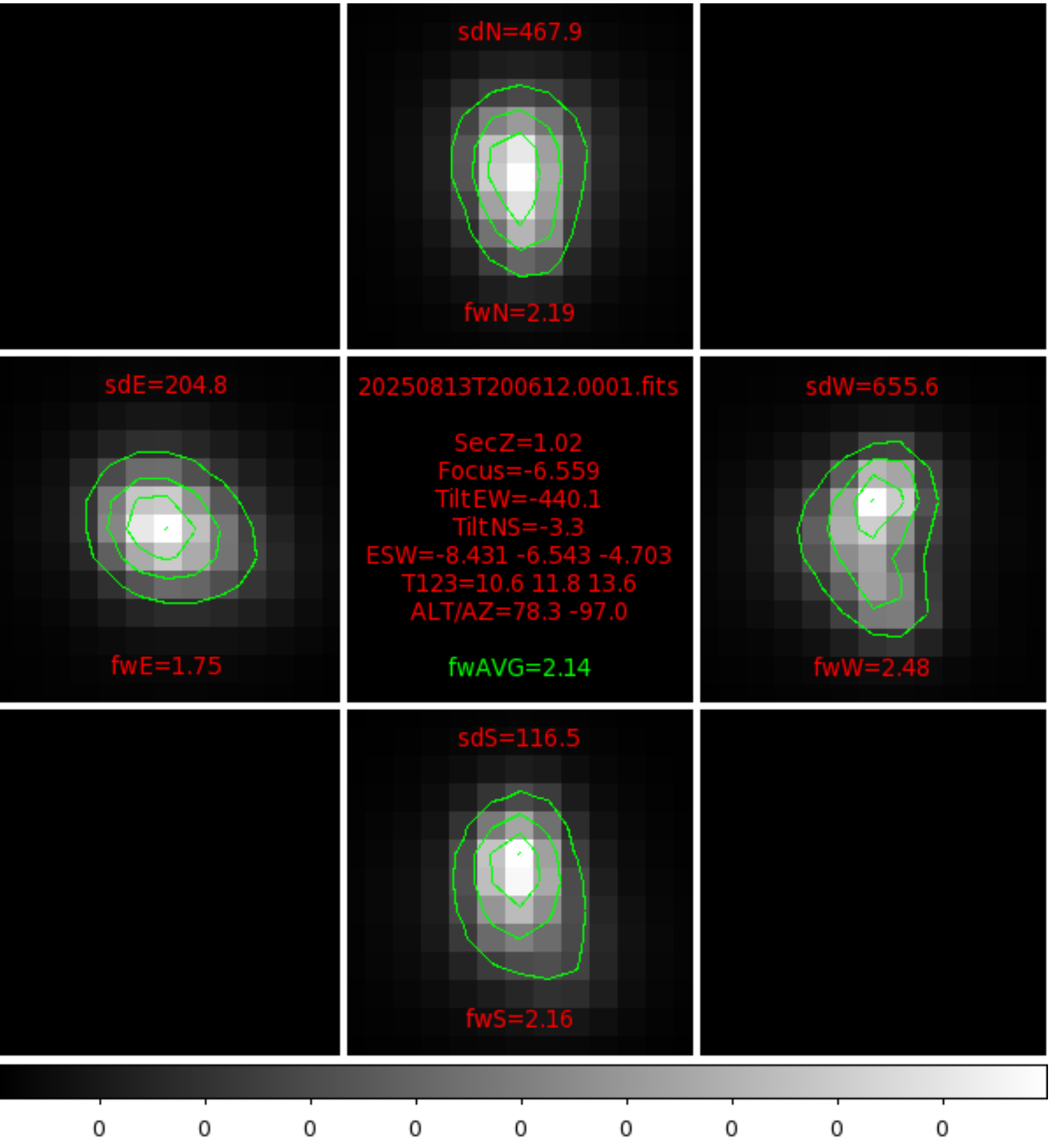
sdN=467.9
fwN=2.19
sdE=204.8
fwE=1.75
20250813T200612.0001.fits
SecZ=1.02
Focus=-6.559
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.431 -6.543 -4.703
T123=10.6 11.8 13.6
ALT/AZ=78.3 -97.0
fwAVG=2.14
sdW=655.6
fwW=2.48
sdS=116.5
fwS=2.16
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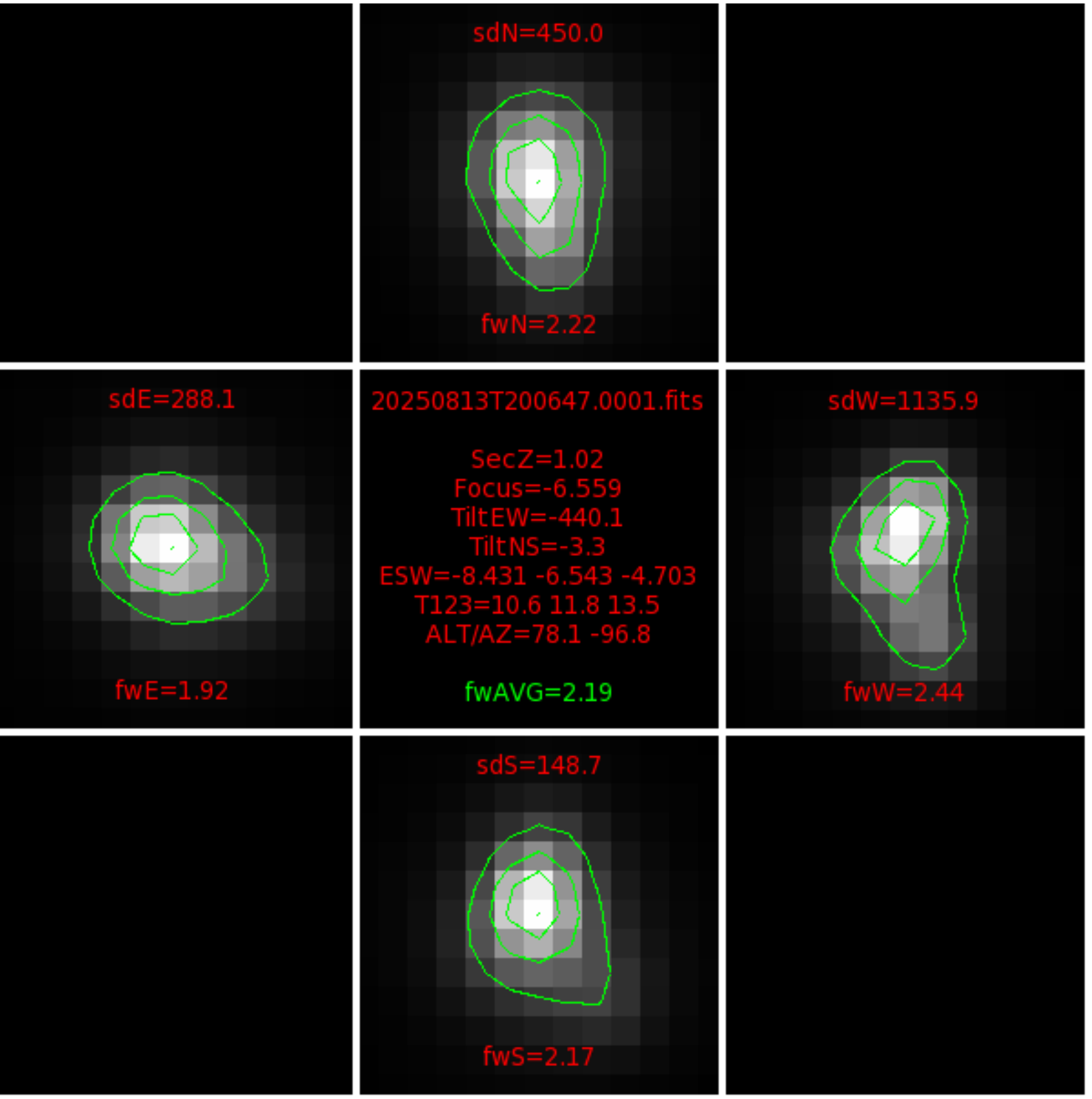
sdN=450.0
fwN=2.22
sdE=288.1
fwE=1.92
20250813T200647.0001.fits
SecZ=1.02
Focus=-6.559
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.431 -6.543 -4.703
T123=10.6 11.8 13.5
ALT/AZ=78.1 -96.8
fwAVG=2.19
sdW=1135.9
fwW=2.44
sdS=148.7
fwS=2.17
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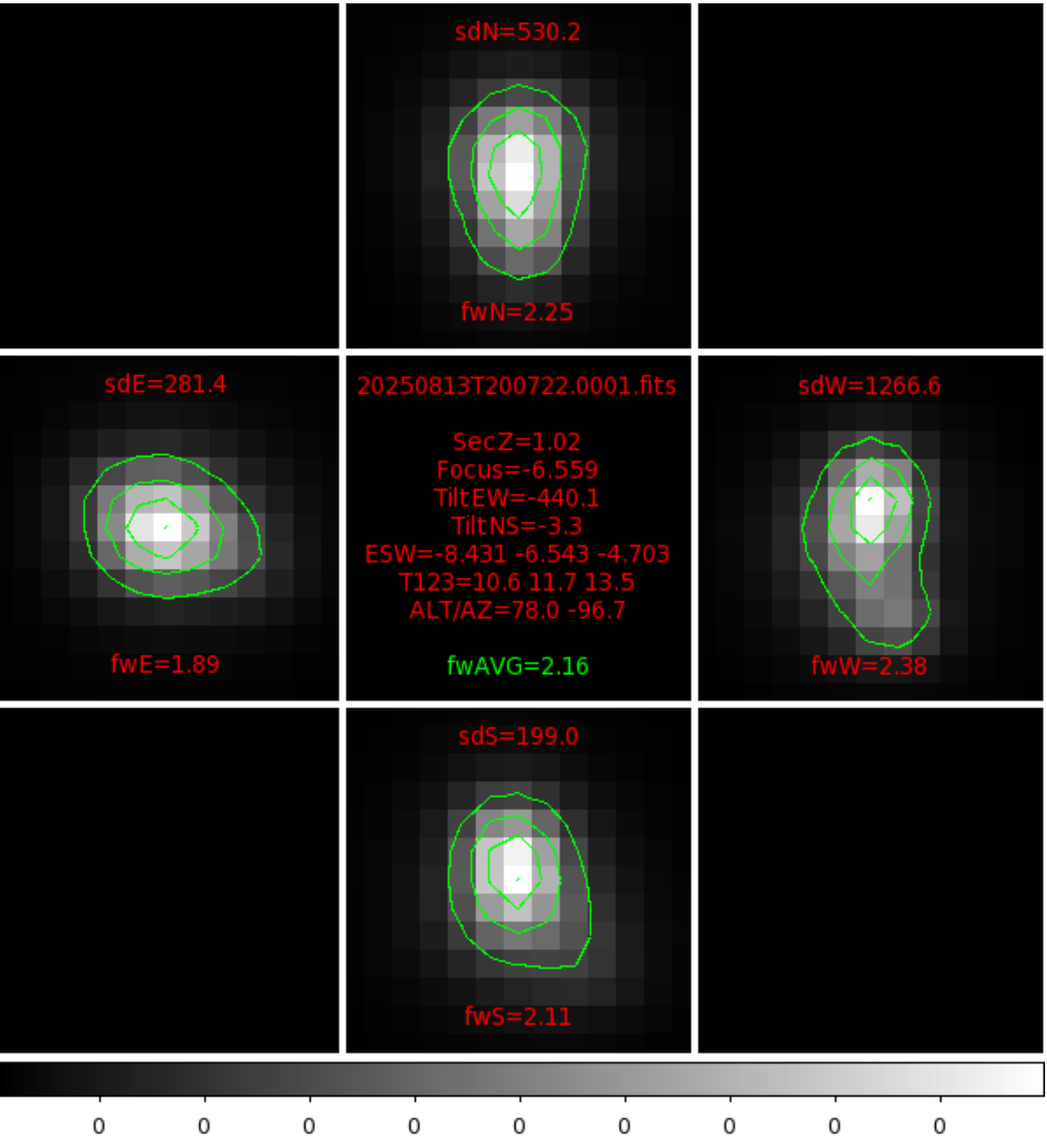
sdN=530.2
fwN=2.25
sdE=281.4
fwE=1.89
20250813T200722.0001.fits
SecZ=1.02
Focus=-6.559
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.431 -6.543 -4.703
T123=10.6 11.7 13.5
ALT/AZ=78.0 -96.7
fwAVG=2.16
sdW=1266.6
fwW=2.38
sdS=199.0
fwS=2.11
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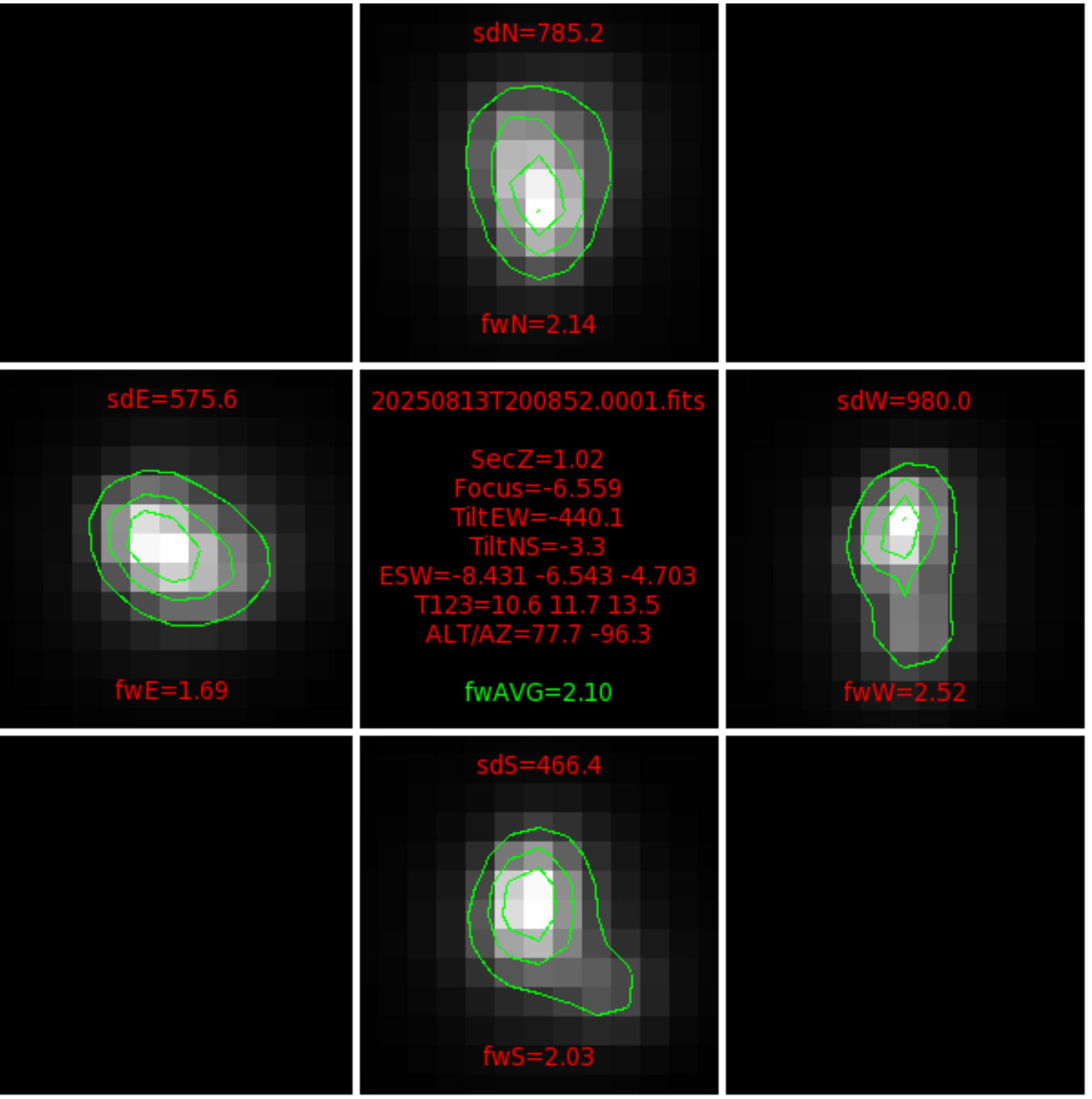
sdN=785.2
fwN=2.14
sdE=575.6
fwE=1.69
20250813T200852.0001.fits
SecZ=1.02
Focus=-6.559
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.431 -6.543 -4.703
T123=10.6 11.7 13.5
ALT/AZ=77.7 -96.3
fwAVG=2.10
sdW=980.0
fwW=2.52
sdS=466.4
fwS=2.03
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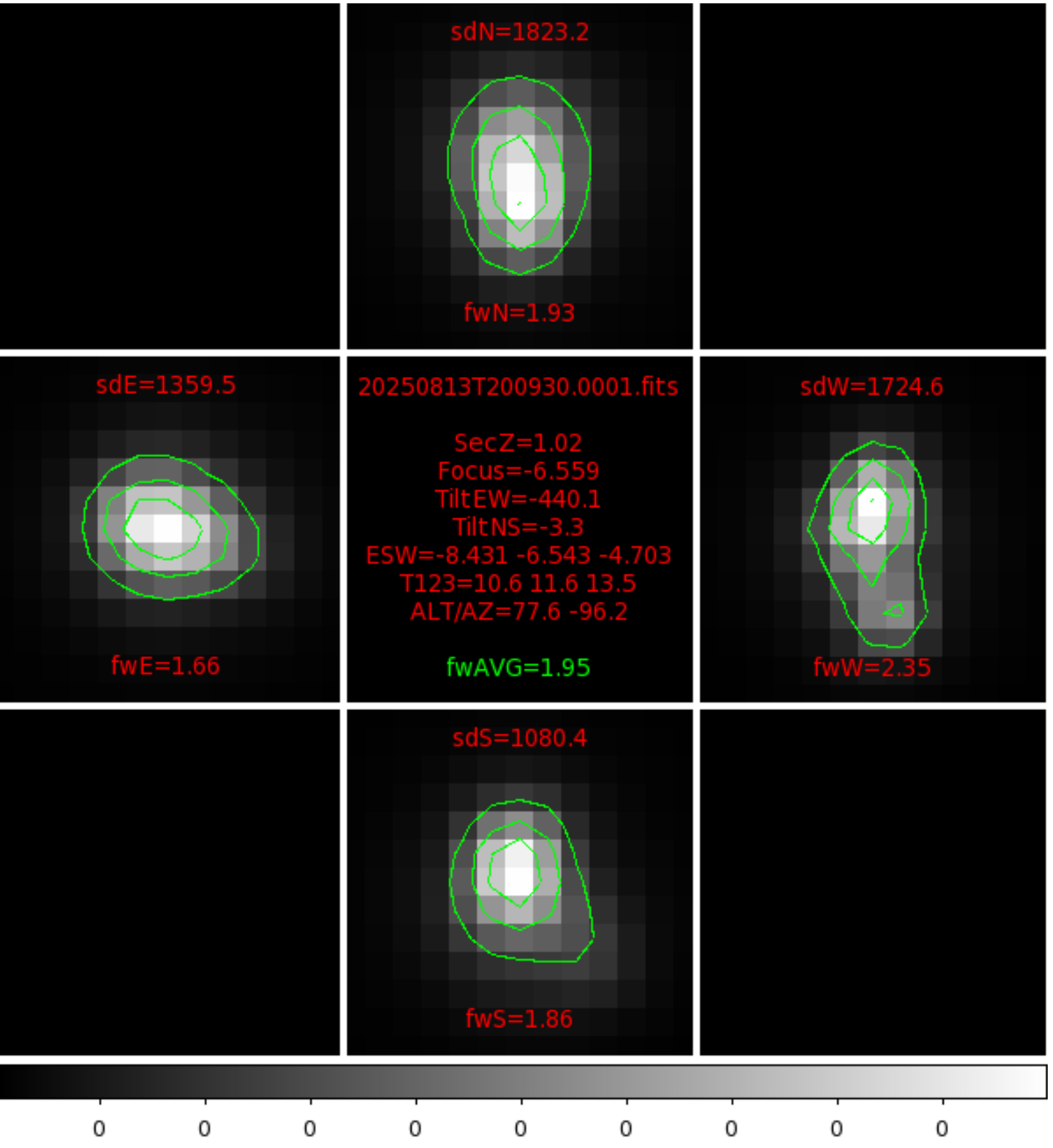
sdN=1823.2
fwN=1.93
sdE=1359.5
fwE=1.66
20250813T200930.0001.fits
SecZ=1.02
Focus=-6.559
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.431 -6.543 -4.703
T123=10.6 11.6 13.5
ALT/AZ=77.6 -96.2
fwAVG=1.95
sdW=1724.6
fwW=2.35
sdS=1080.4
fwS=1.86
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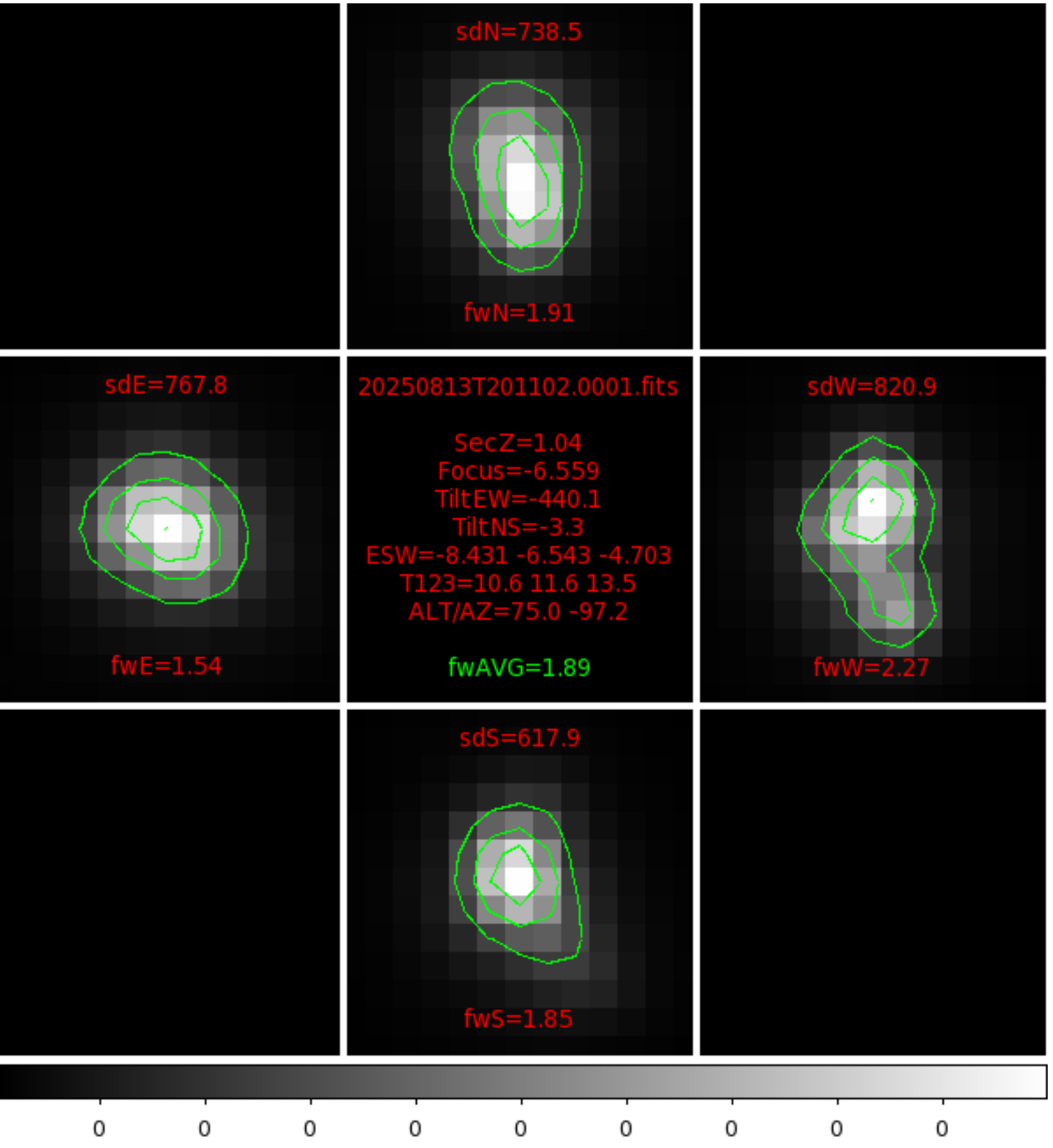
sdN=738.5
fwN=1.91
sdE=767.8
fwE=1.54
20250813T201102.0001.fits
SecZ=1.04
Focus=-6.559
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.431 -6.543 -4.703
T123=10.6 11.6 13.5
ALT/AZ=75.0 -97.2
fwAVG=1.89
sdW=820.9
fwW=2.27
sdS=617.9
fwS=1.85
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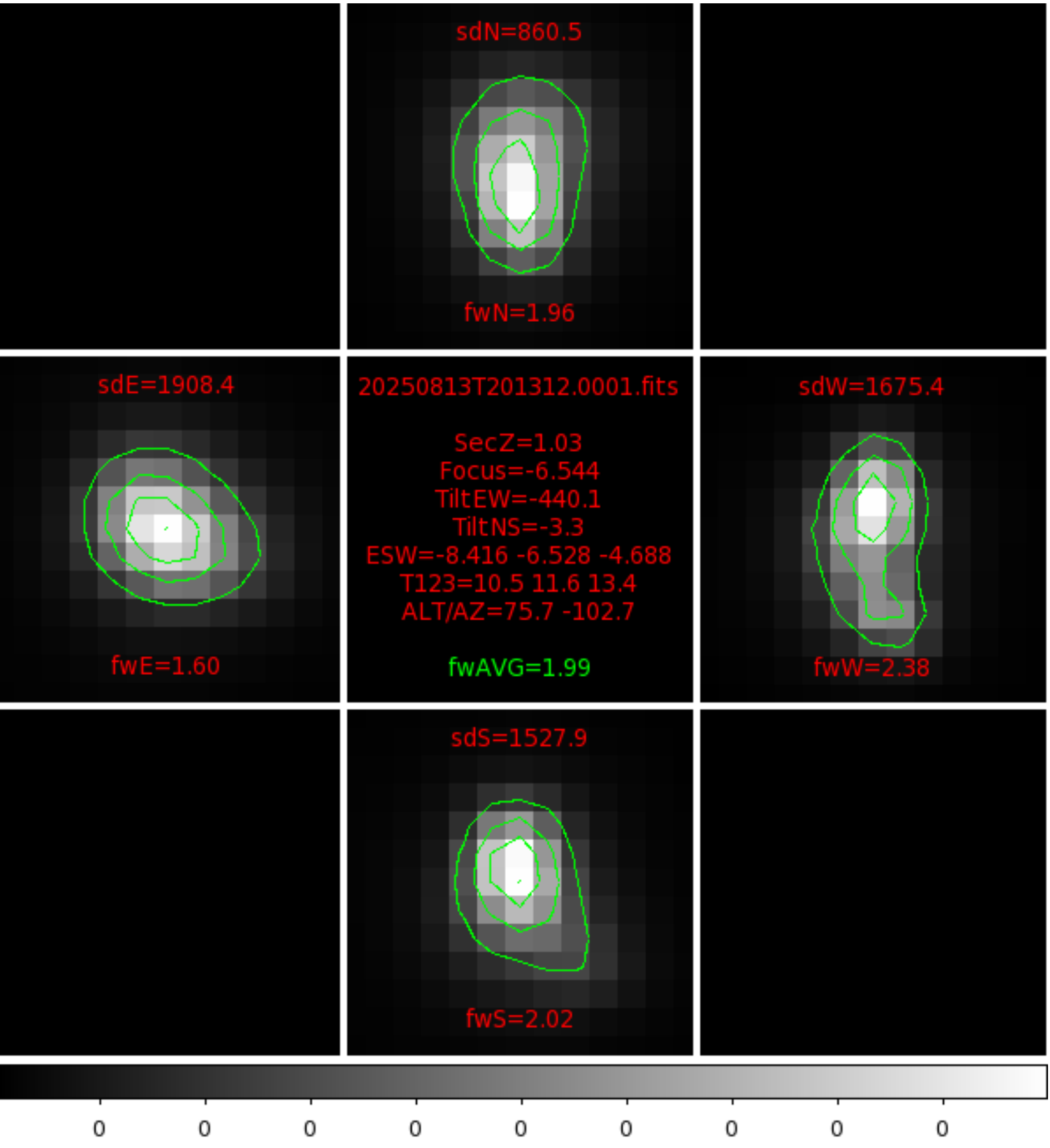
sdN=860.5
fwN=1.96
sdE=1908.4
fwE=1.60
20250813T201312.0001.fits
SecZ=1.03
Focus=-6.544
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.416 -6.528 -4.688
T123=10.5 11.6 13.4
ALT/AZ=75.7 -102.7
fwAVG=1.99
sdW=1675.4
fwW=2.38
sdS=1527.9
fwS=2.02
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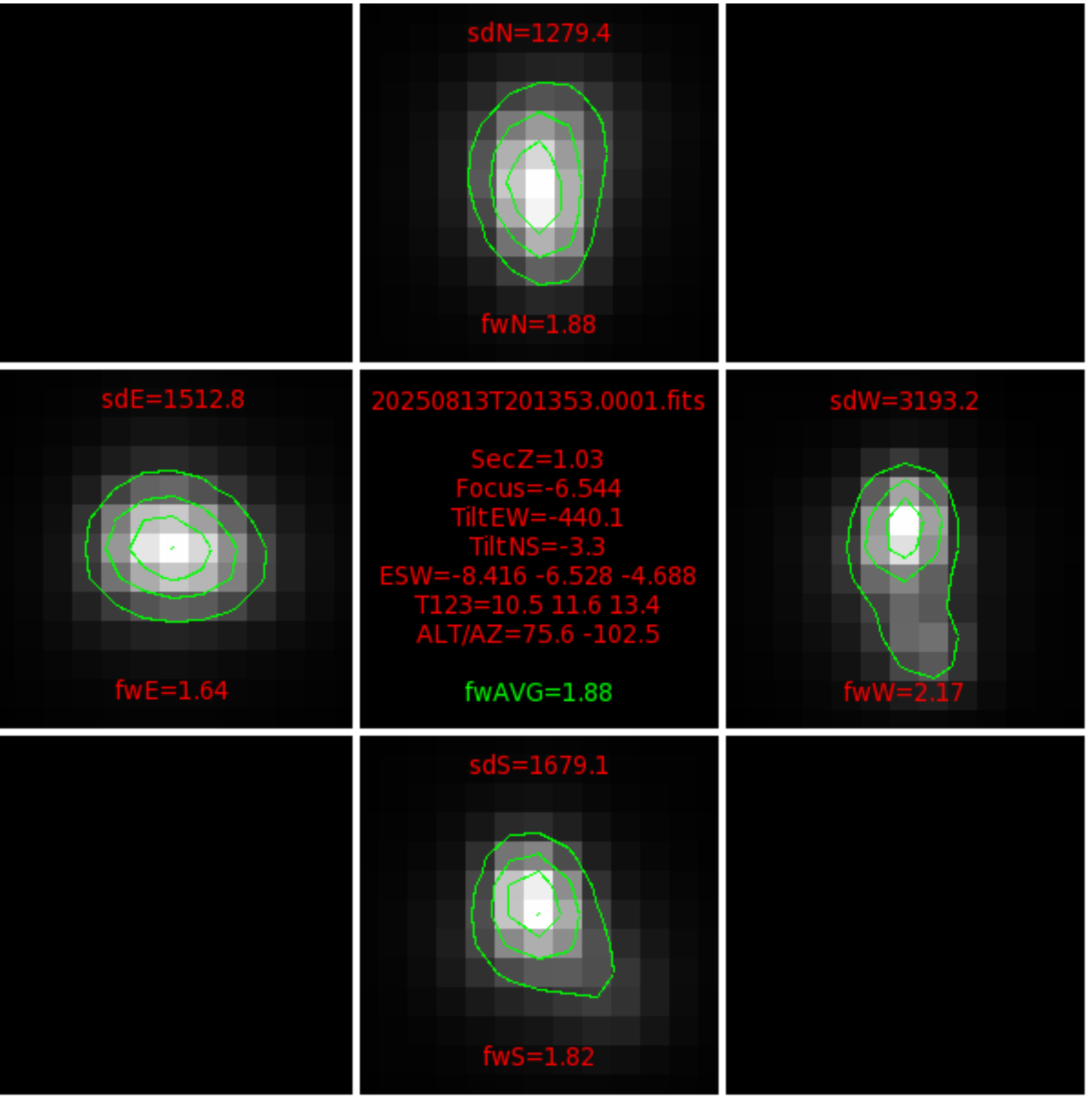
sdN=1279.4
fwN=1.88
sdE=1512.8
fwE=1.64
20250813T201353.0001.fits
SecZ=1.03
Focus=-6.544
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.416 -6.528 -4.688
T123=10.5 11.6 13.4
ALT/AZ=75.6 -102.5
fwAVG=1.88
sdW=3193.2
fwW=2.17
sdS=1679.1
fwS=1.82
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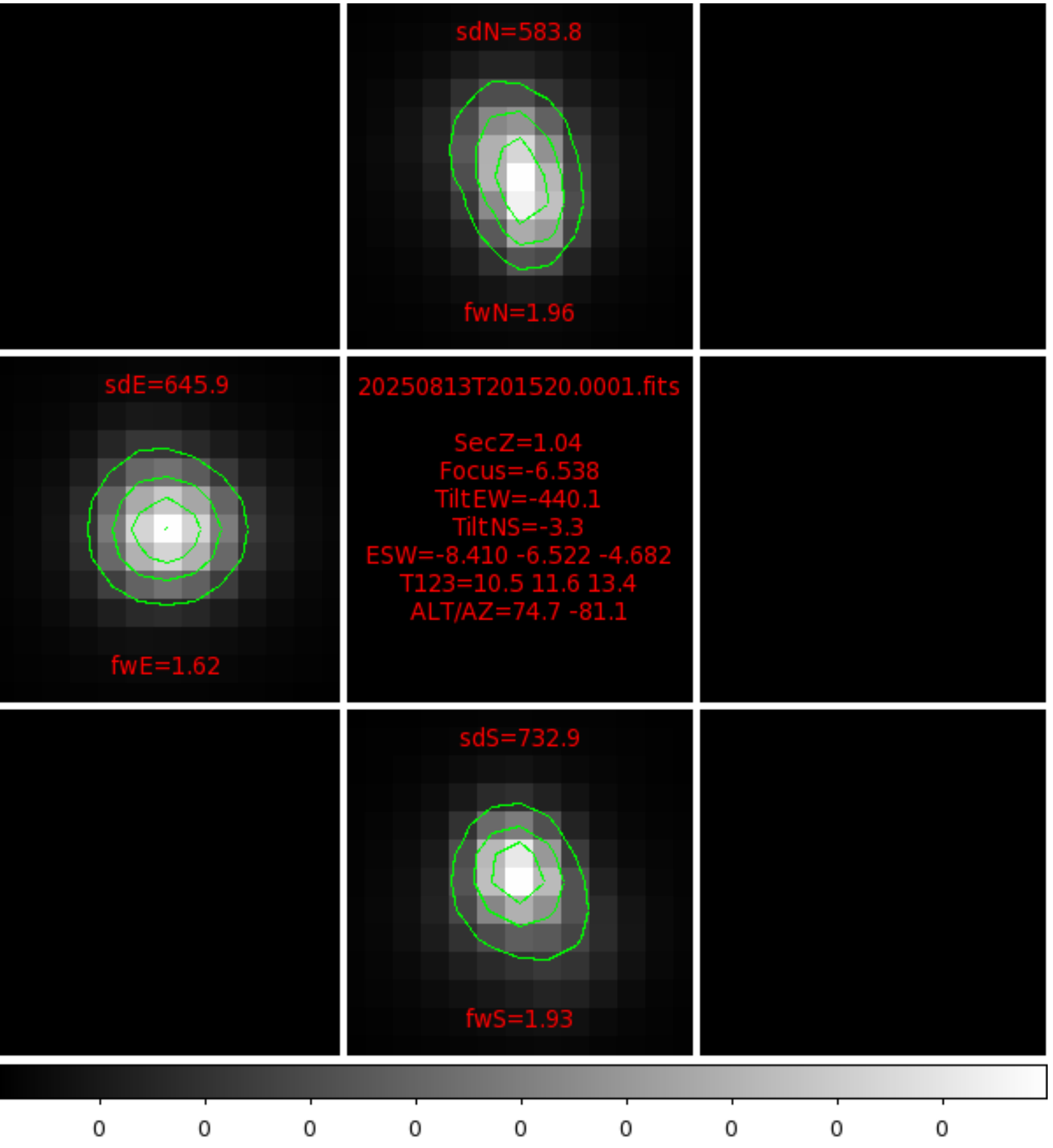
sdN=583.8
fwN=1.96
sdE=645.9
fwE=1.62
20250813T201520.0001.fits
SecZ=1.04
Focus=-6.538
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.410 -6.522 -4.682
T123=10.5 11.6 13.4
ALT/AZ=74.7 -81.1
sdS=732.9
fwS=1.93
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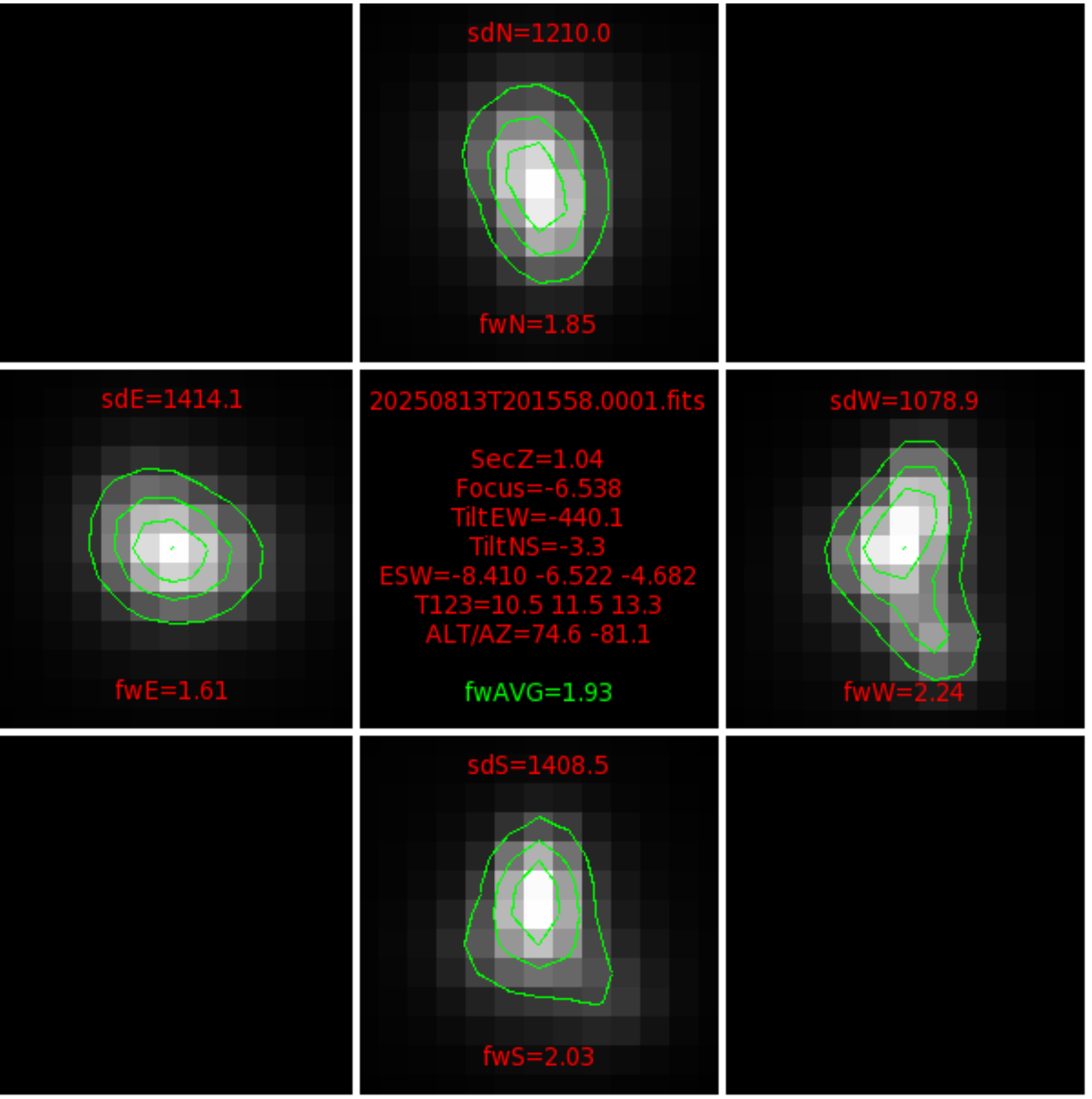
sdN=1210.0
fwN=1.85
sdE=1414.1
fwE=1.61
20250813T201558.0001.fits
SecZ=1.04
Focus=-6.538
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.410 -6.522 -4.682
T123=10.5 11.5 13.3
ALT/AZ=74.6 -81.1
fwAVG=1.93
sdW=1078.9
fwW=2.24
sdS=1408.5
fwS=2.03
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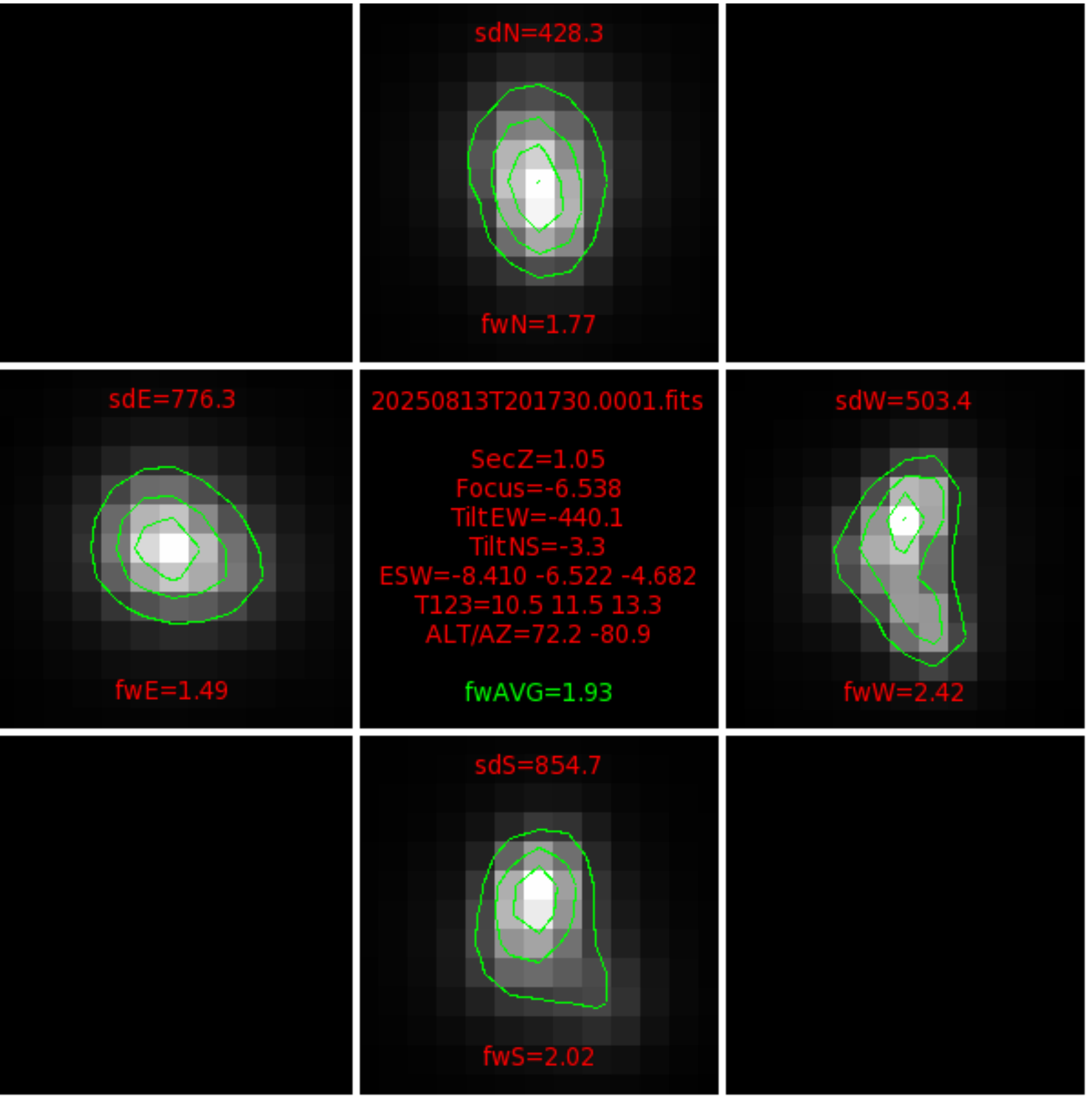
sdN=428.3
fwN=1.77
sdE=776.3
fwE=1.49
20250813T201730.0001.fits
SecZ=1.05
Focus=-6.538
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.410 -6.522 -4.682
T123=10.5 11.5 13.3
ALT/AZ=72.2 -80.9
fwAVG=1.93
sdW=503.4
fwW=2.42
sdS=854.7
fwS=2.02
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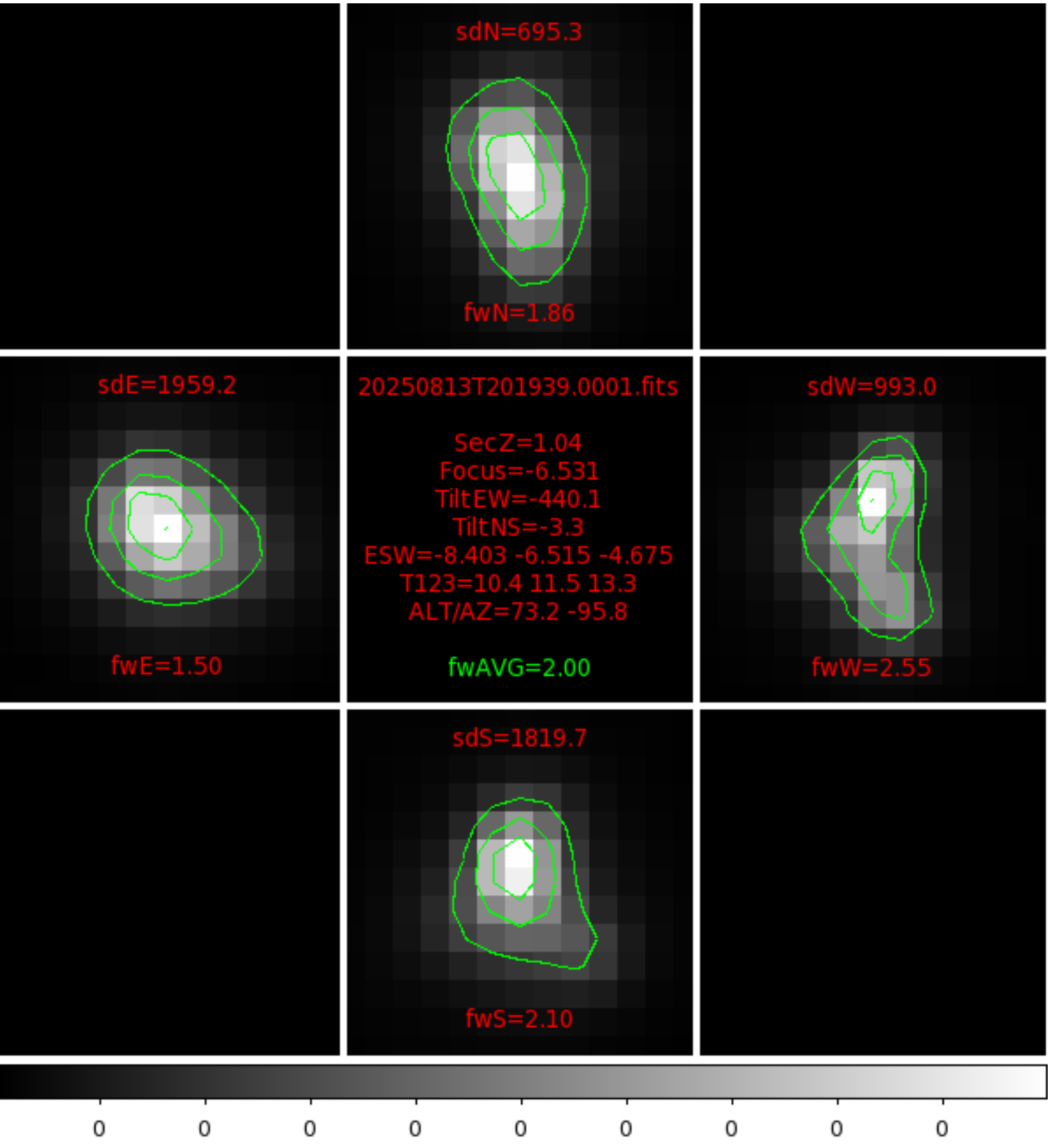
sdN=695.3
fwN=1.86
sdE=1959.2
fwE=1.50
20250813T201939.0001.fits
SecZ=1.04
Focus=-6.531
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.403 -6.515 -4.675
T123=10.4 11.5 13.3
ALT/AZ=73.2 -95.8
fwAVG=2.00
sdW=993.0
fwW=2.55
sdS=1819.7
fwS=2.10
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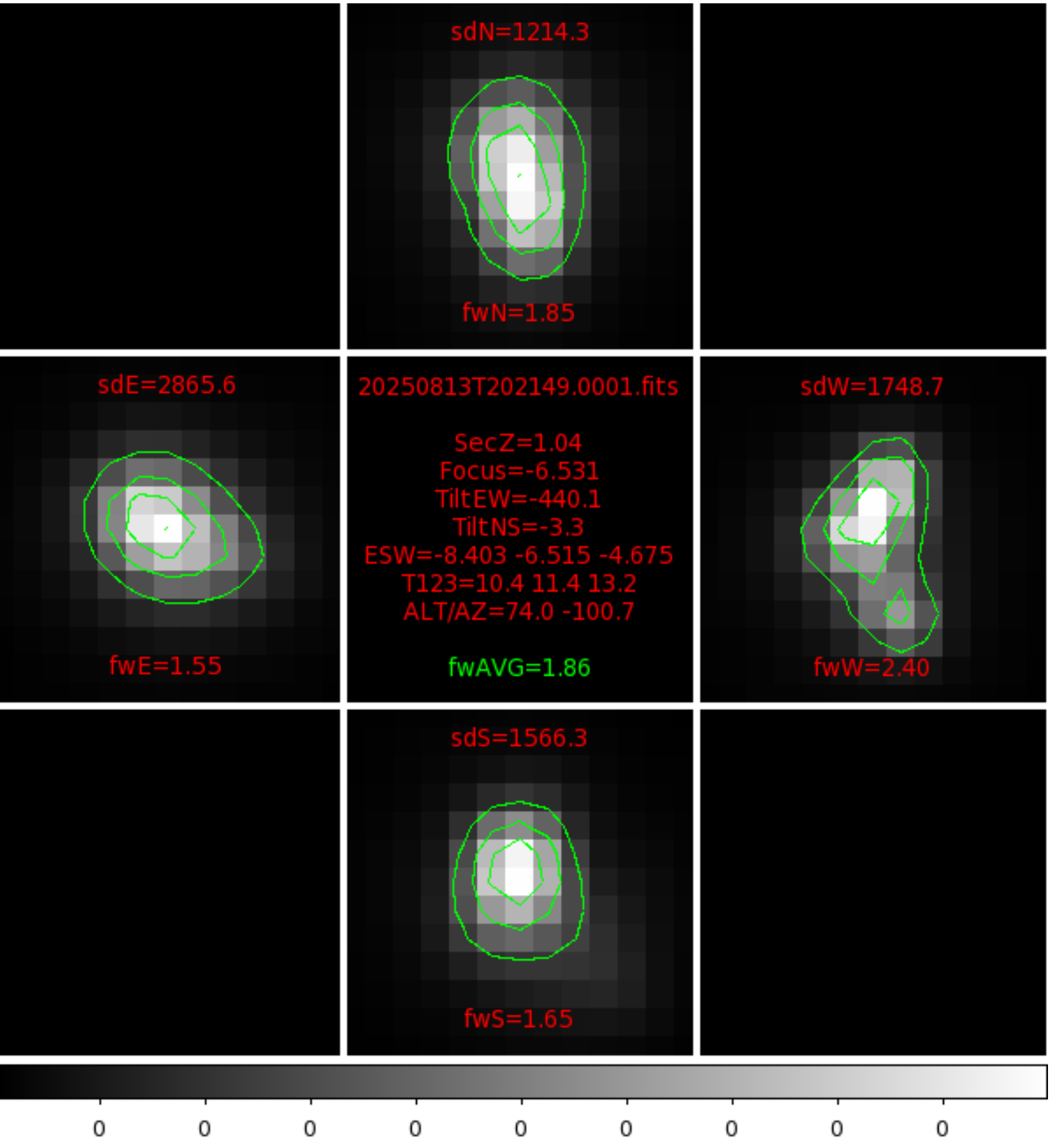
sdN=1214.3
fwN=1.85
sdE=2865.6
fwE=1.55
20250813T202149.0001.fits
SecZ=1.04
Focus=-6.531
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.403 -6.515 -4.675
T123=10.4 11.4 13.2
ALT/AZ=74.0 -100.7
fwAVG=1.86
sdW=1748.7
fwW=2.40
sdS=1566.3
fwS=1.65
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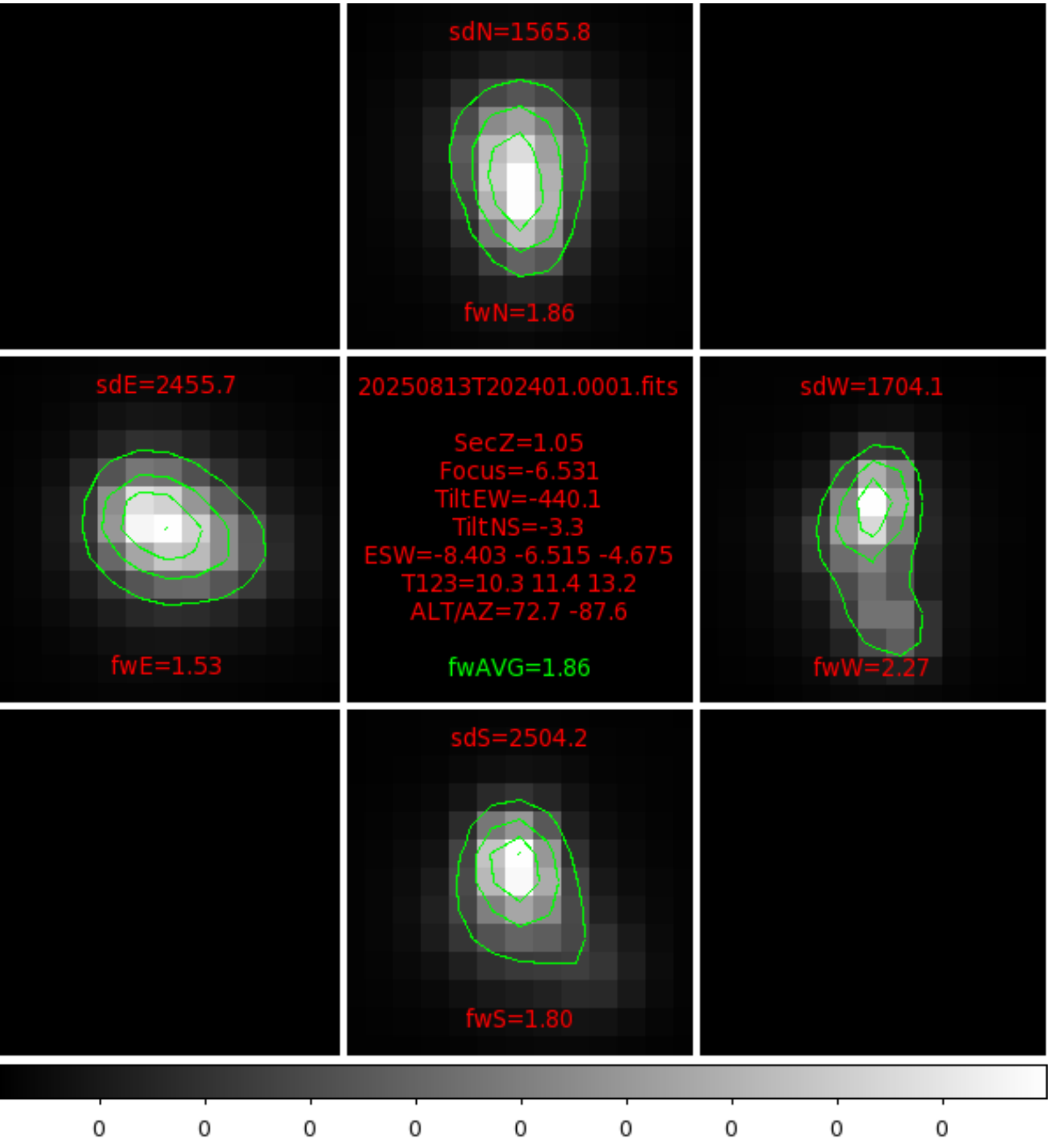
sdN=1565.8
fwN=1.86
sdE=2455.7
fwE=1.53
20250813T202401.0001.fits
SecZ=1.05
Focus=-6.531
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.403 -6.515 -4.675
T123=10.3 11.4 13.2
ALT/AZ=72.7 -87.6
fwAVG=1.86
sdW=1704.1
fwW=2.27
sdS=2504.2
fwS=1.80
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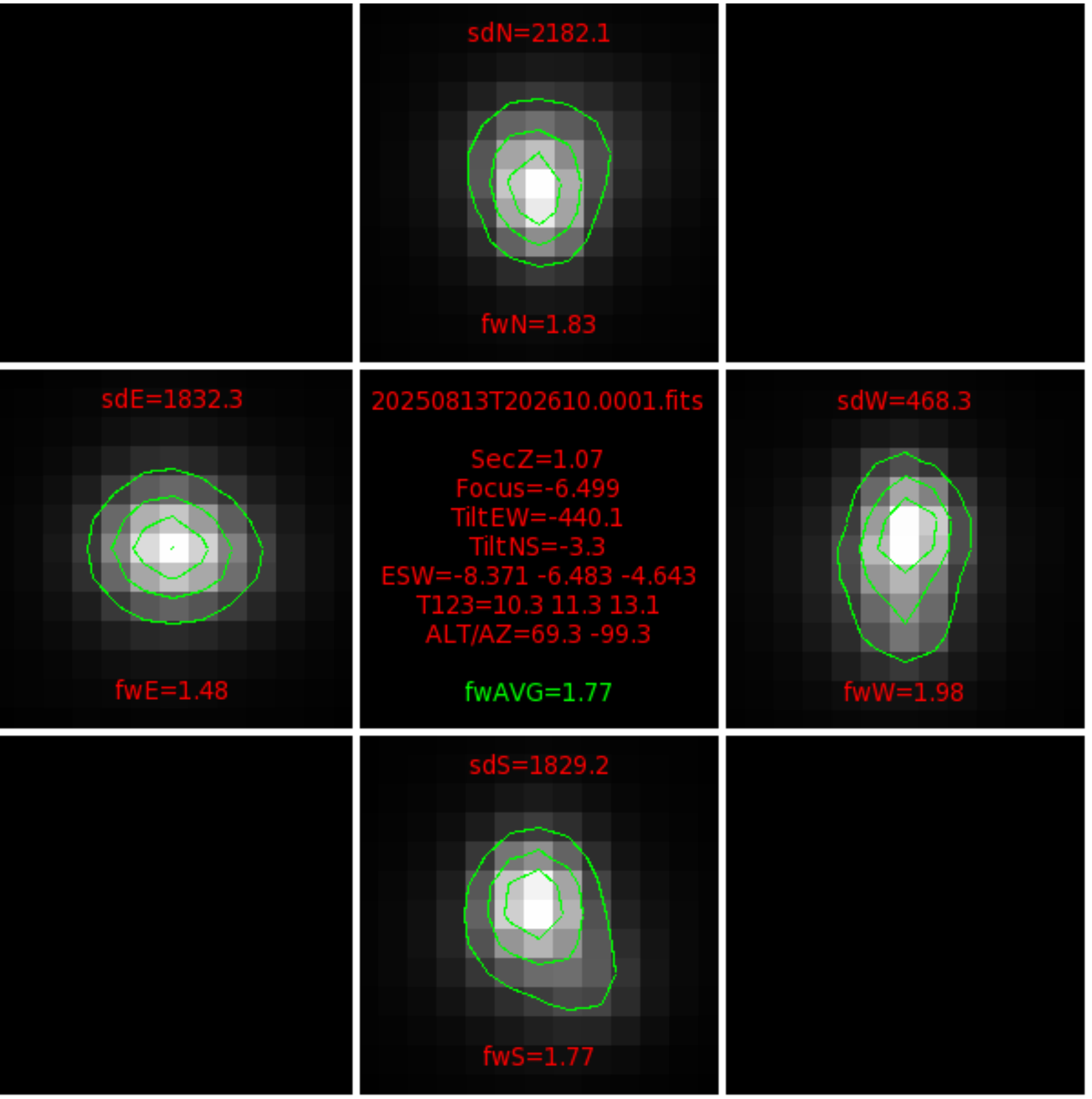
sdN=2182.1
fwN=1.83
sdE=1832.3
fwE=1.48
20250813T202610.0001.fits
SecZ=1.07
Focus=-6.499
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.371 -6.483 -4.643
T123=10.3 11.3 13.1
ALT/AZ=69.3 -99.3
fwAVG=1.77
sdW=468.3
fwW=1.98
sdS=1829.2
fwS=1.77
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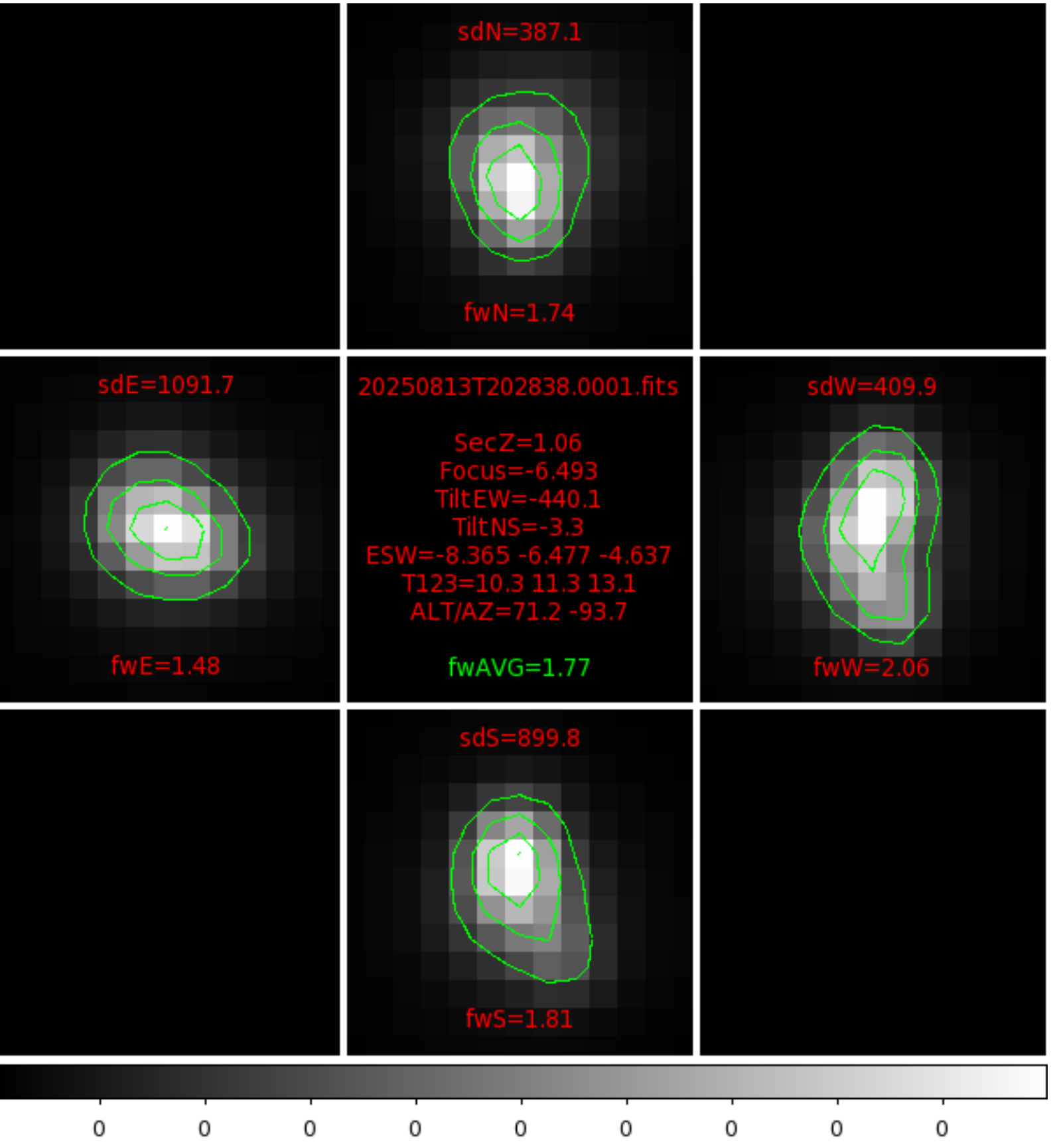
sdN=387.1
fwN=1.74
sdE=1091.7
fwE=1.48
20250813T202838.0001.fits
SecZ=1.06
Focus=-6.493
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.365 -6.477 -4.637
T123=10.3 11.3 13.1
ALT/AZ=71.2 -93.7
fwAVG=1.77
sdW=409.9
fwW=2.06
sdS=899.8
fwS=1.81
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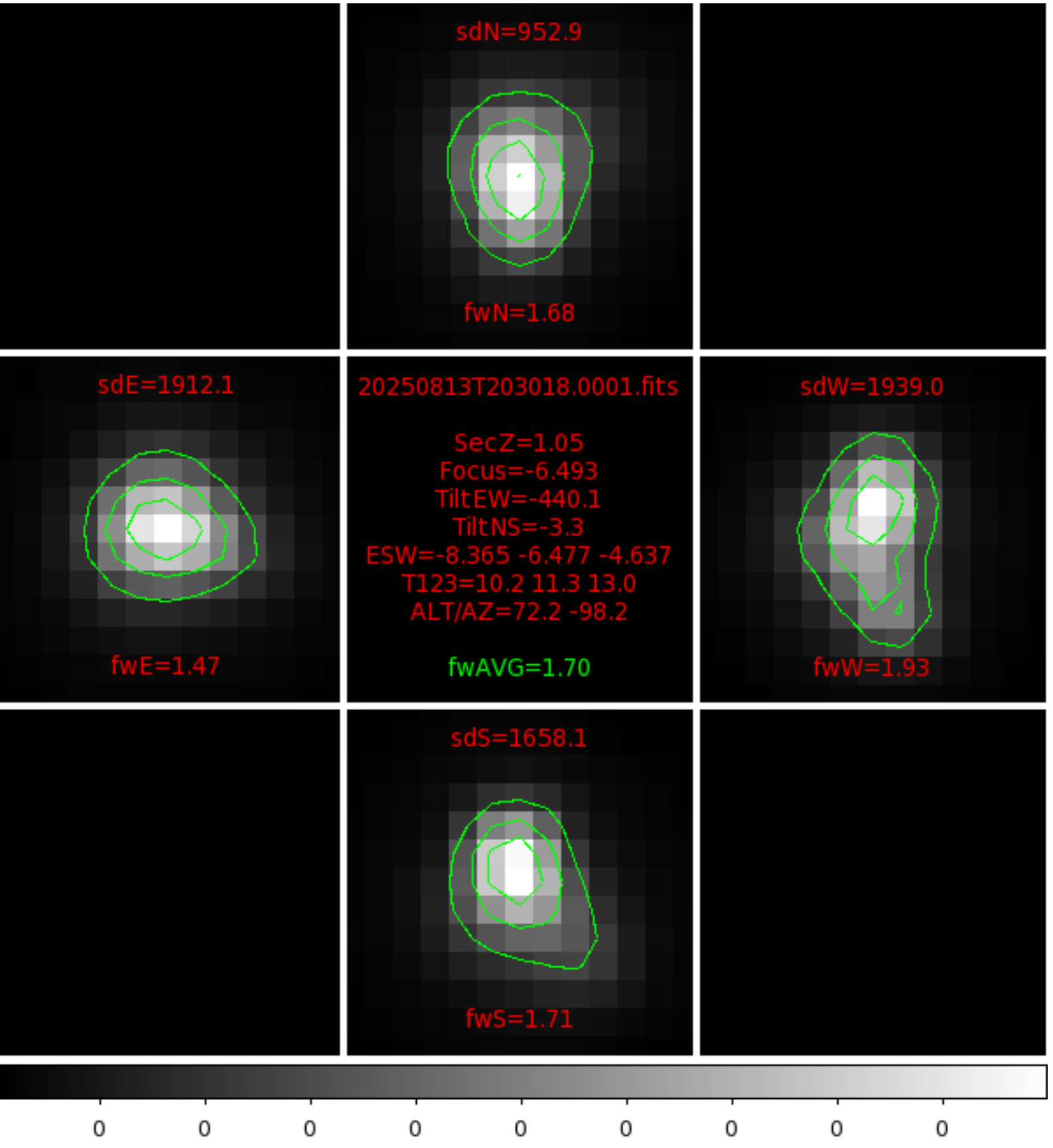
sdN=952.9
fwN=1.68
sdE=1912.1
fwE=1.47
20250813T203018.0001.fits
SecZ=1.05
Focus=-6.493
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.365 -6.477 -4.637
T123=10.2 11.3 13.0
ALT/AZ=72.2 -98.2
fwAVG=1.70
sdW=1939.0
fwW=1.93
sdS=1658.1
fwS=1.71
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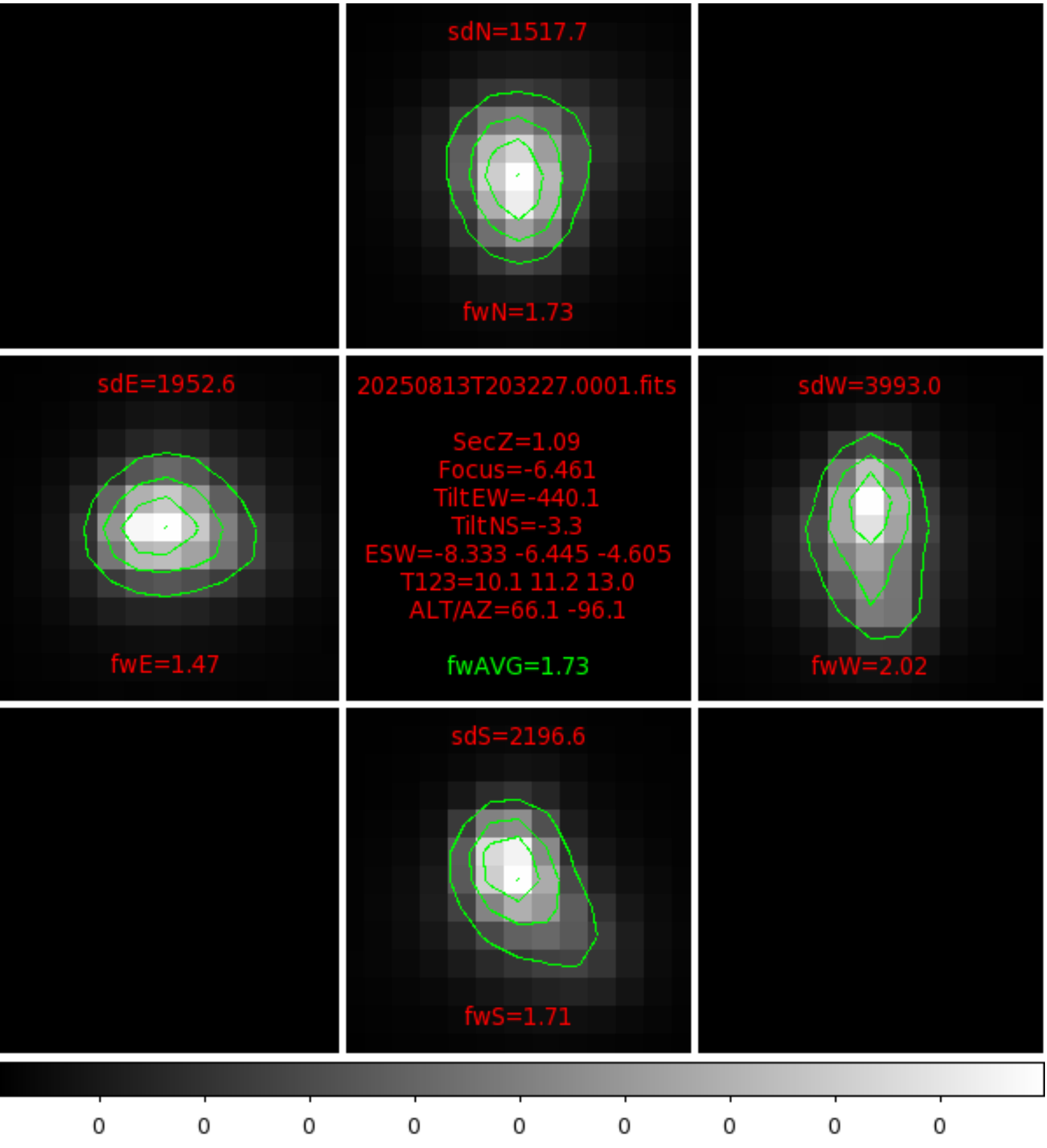
sdN=1517.7
fwN=1.73
sdE=1952.6
fwE=1.47
20250813T203227.0001.fits
SecZ=1.09
Focus=-6.461
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.333 -6.445 -4.605
T123=10.1 11.2 13.0
ALT/AZ=66.1 -96.1
fwAVG=1.73
sdW=3993.0
fwW=2.02
sdS=2196.6
fwS=1.71
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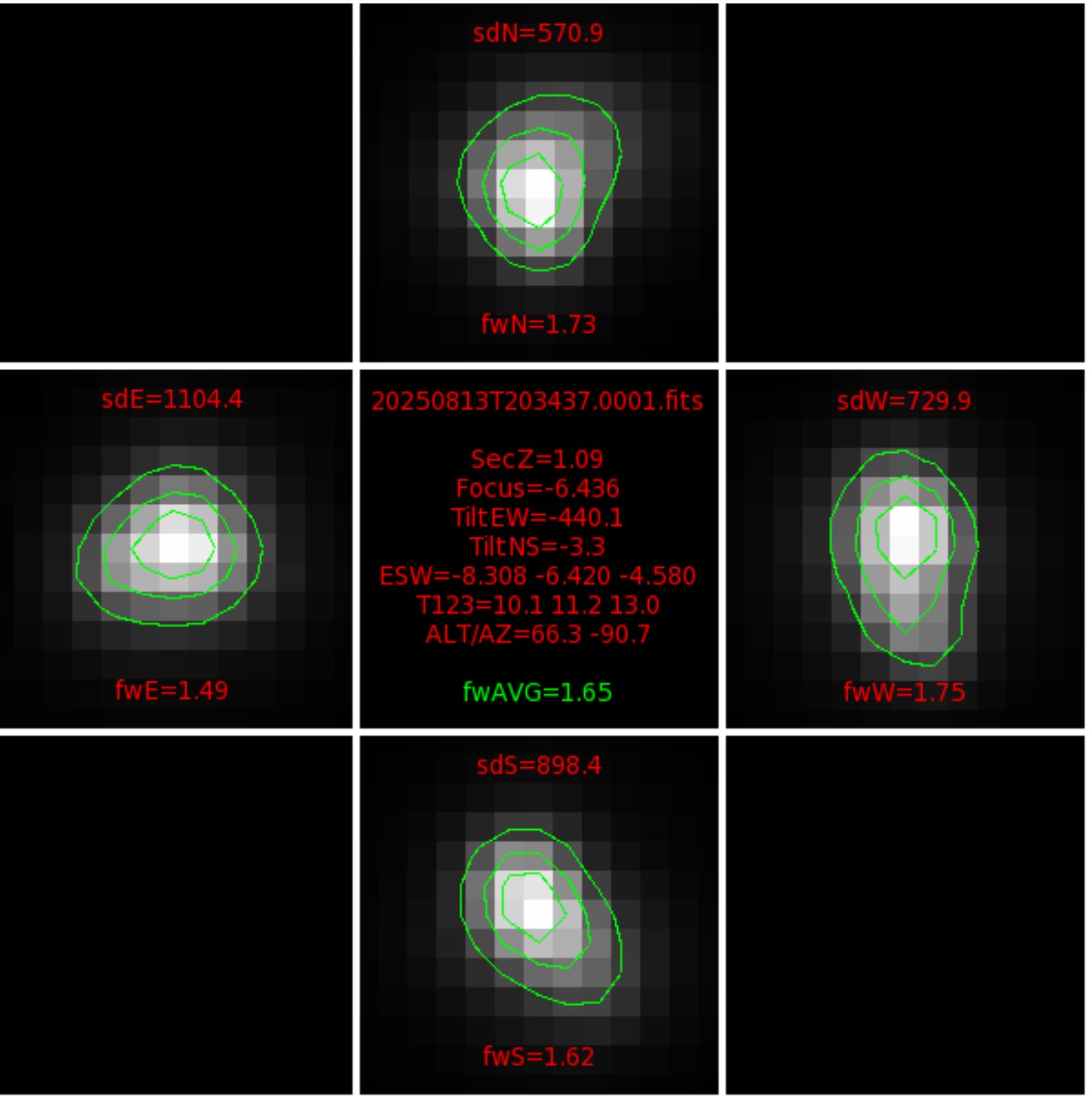
sdN=570.9
fwN=1.73
sdE=1104.4
fwE=1.49
20250813T203437.0001.fits
SecZ=1.09
Focus=-6.436
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.308 -6.420 -4.580
T123=10.1 11.2 13.0
ALT/AZ=66.3 -90.7
fwAVG=1.65
sdW=729.9
fwW=1.75
sdS=898.4
fwS=1.62
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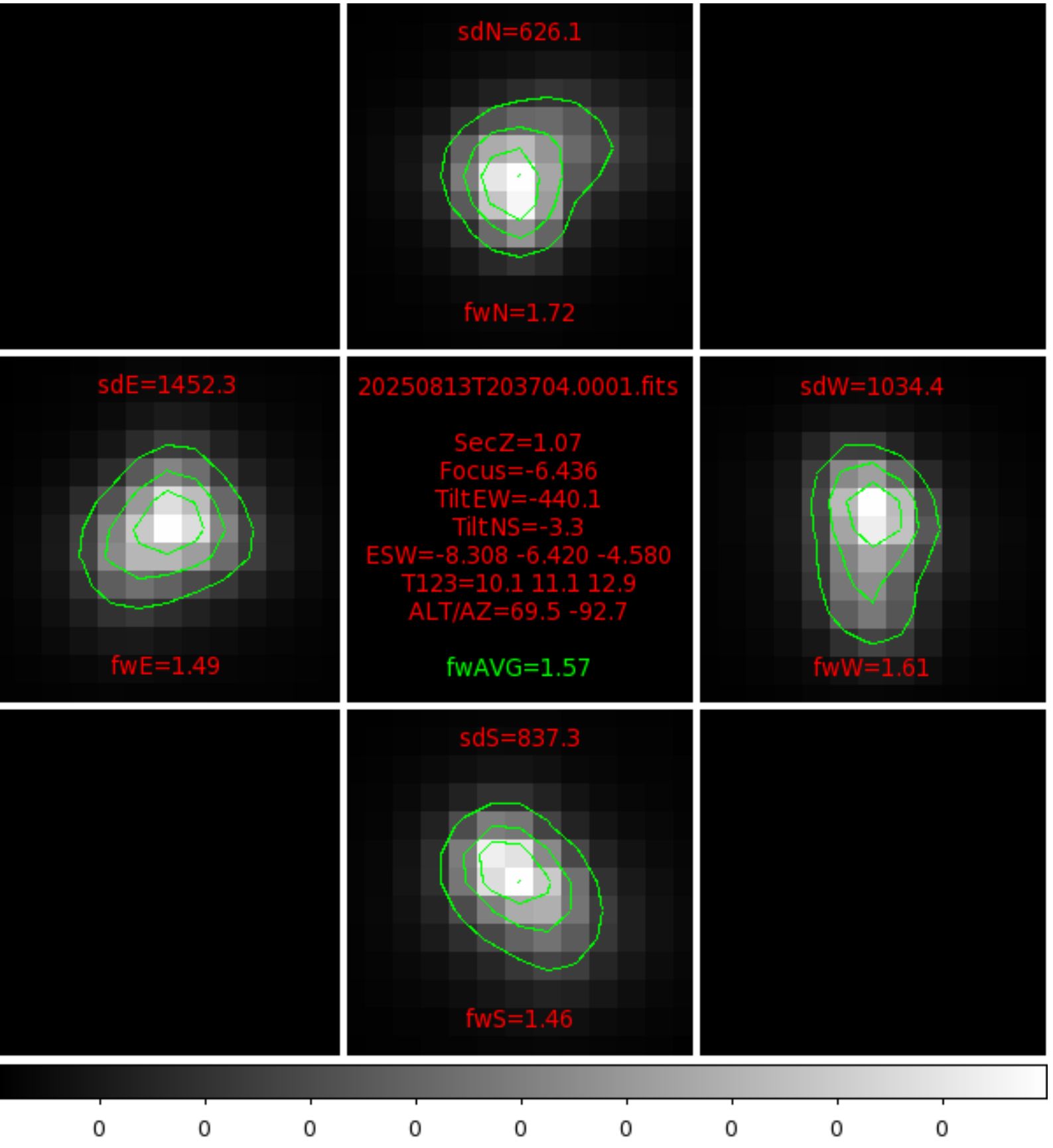
sdN=626.1
fwN=1.72
sdE=1452.3
fwE=1.49
20250813T203704.0001.fits
SecZ=1.07
Focus=-6.436
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.308 -6.420 -4.580
T123=10.1 11.1 12.9
ALT/AZ=69.5 -92.7
fwAVG=1.57
sdW=1034.4
fwW=1.61
sdS=837.3
fwS=1.46
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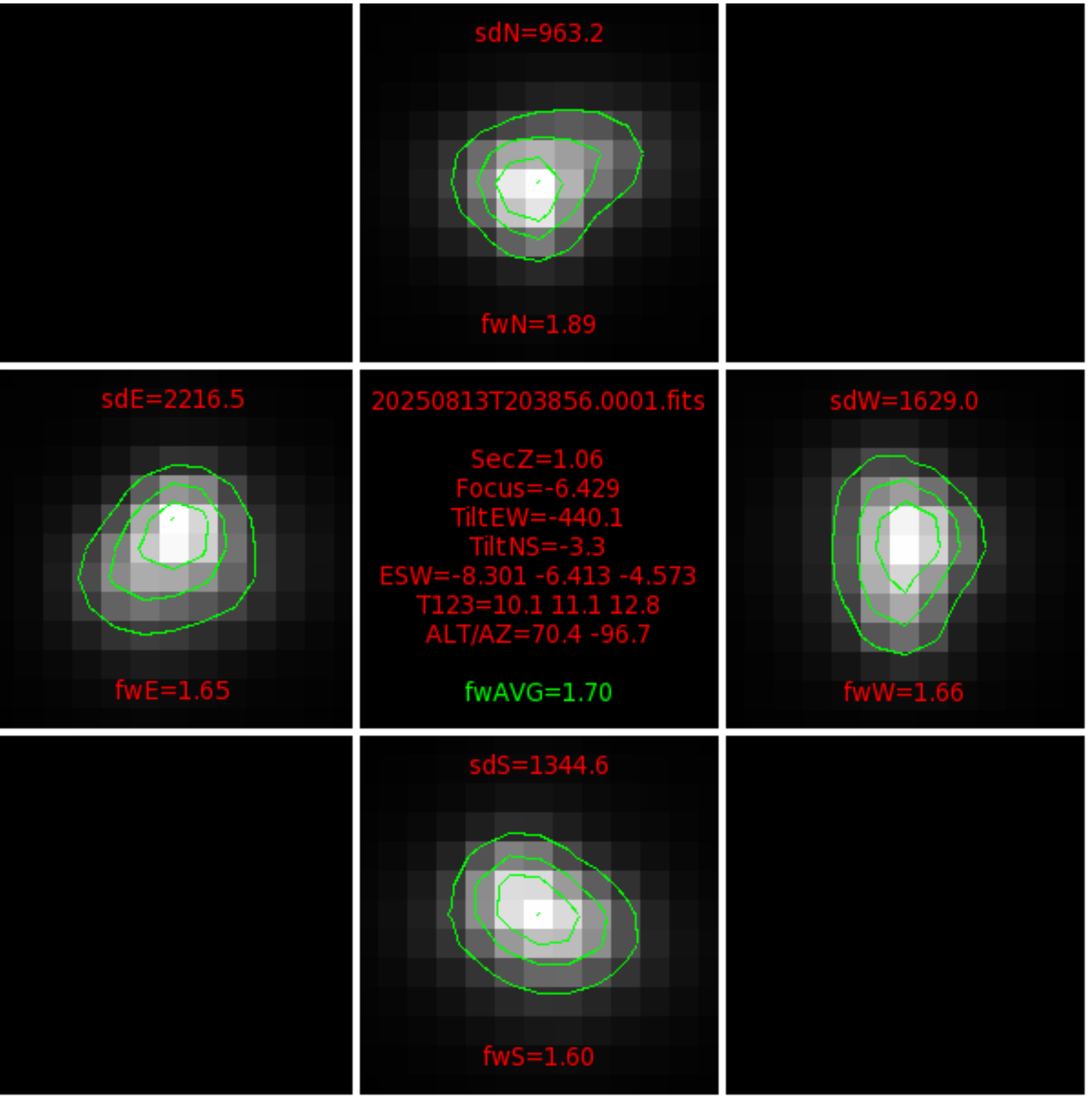
sdN=963.2
fwN=1.89
sdE=2216.5
fwE=1.65
20250813T203856.0001.fits
SecZ=1.06
Focus=-6.429
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.301 -6.413 -4.573
T123=10.1 11.1 12.8
ALT/AZ=70.4 -96.7
fwAVG=1.70
sdW=1629.0
fwW=1.66
sdS=1344.6
fwS=1.60
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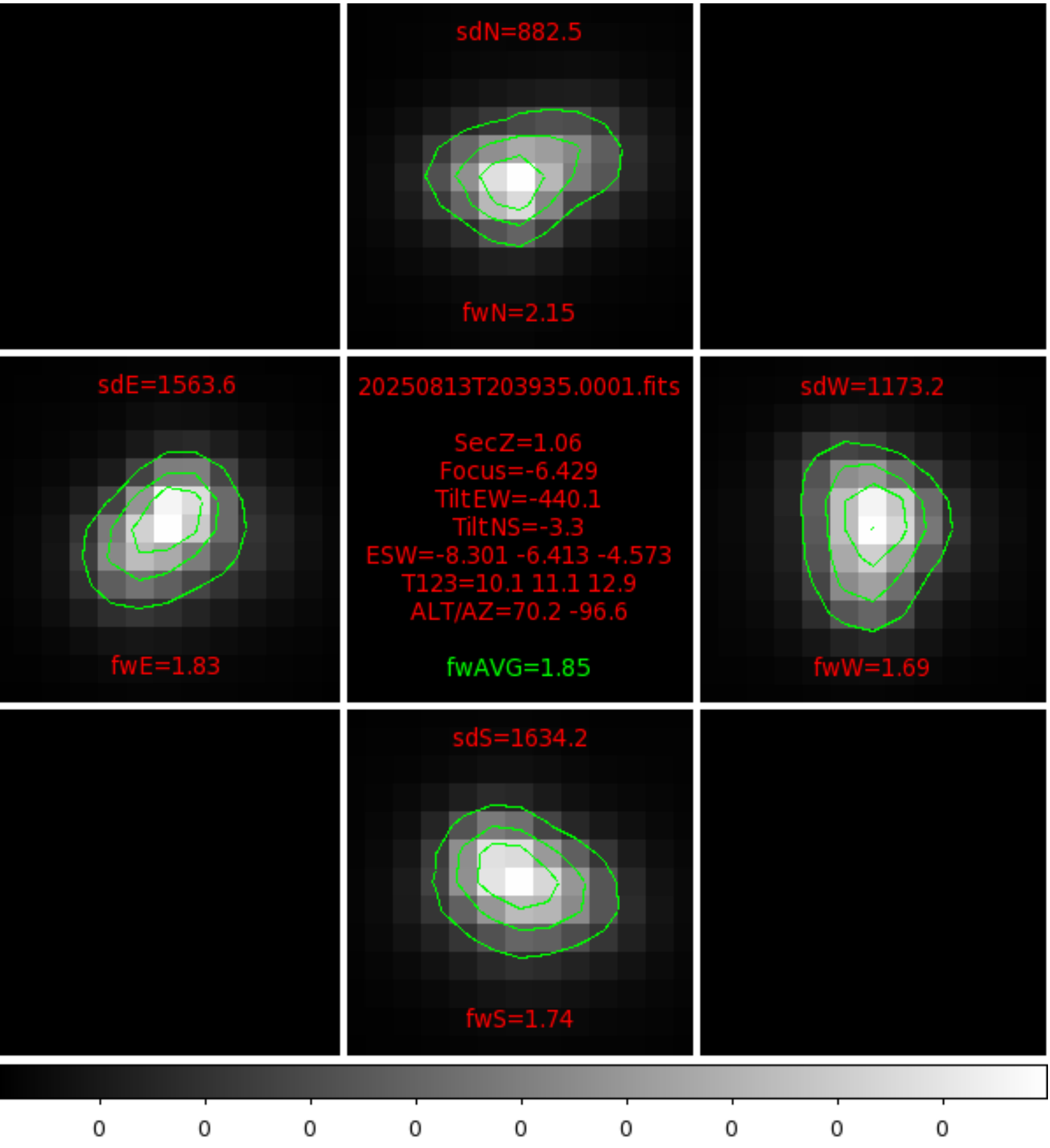
sdN=882.5
fwN=2.15
sdE=1563.6
fwE=1.83
20250813T203935.0001.fits
SecZ=1.06
Focus=-6.429
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.301 -6.413 -4.573
T123=10.1 11.1 12.9
ALT/AZ=70.2 -96.6
fwAVG=1.85
sdW=1173.2
fwW=1.69
sdS=1634.2
fwS=1.74
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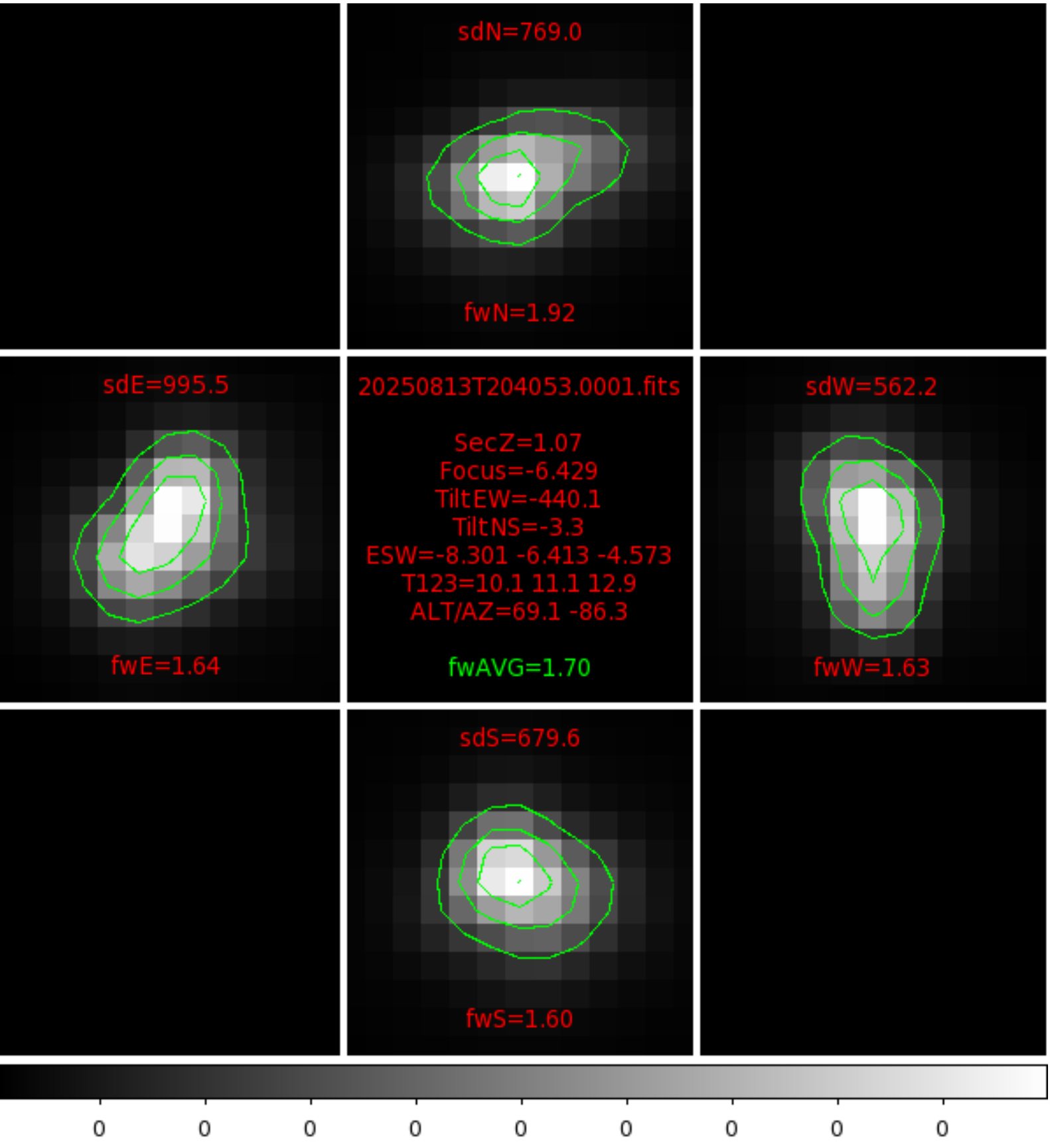
sdN=769.0
fwN=1.92
sdE=995.5
fwE=1.64
20250813T204053.0001.fits
SecZ=1.07
Focus=-6.429
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.301 -6.413 -4.573
T123=10.1 11.1 12.9
ALT/AZ=69.1 -86.3
fwAVG=1.70
sdW=562.2
fwW=1.63
sdS=679.6
fwS=1.60
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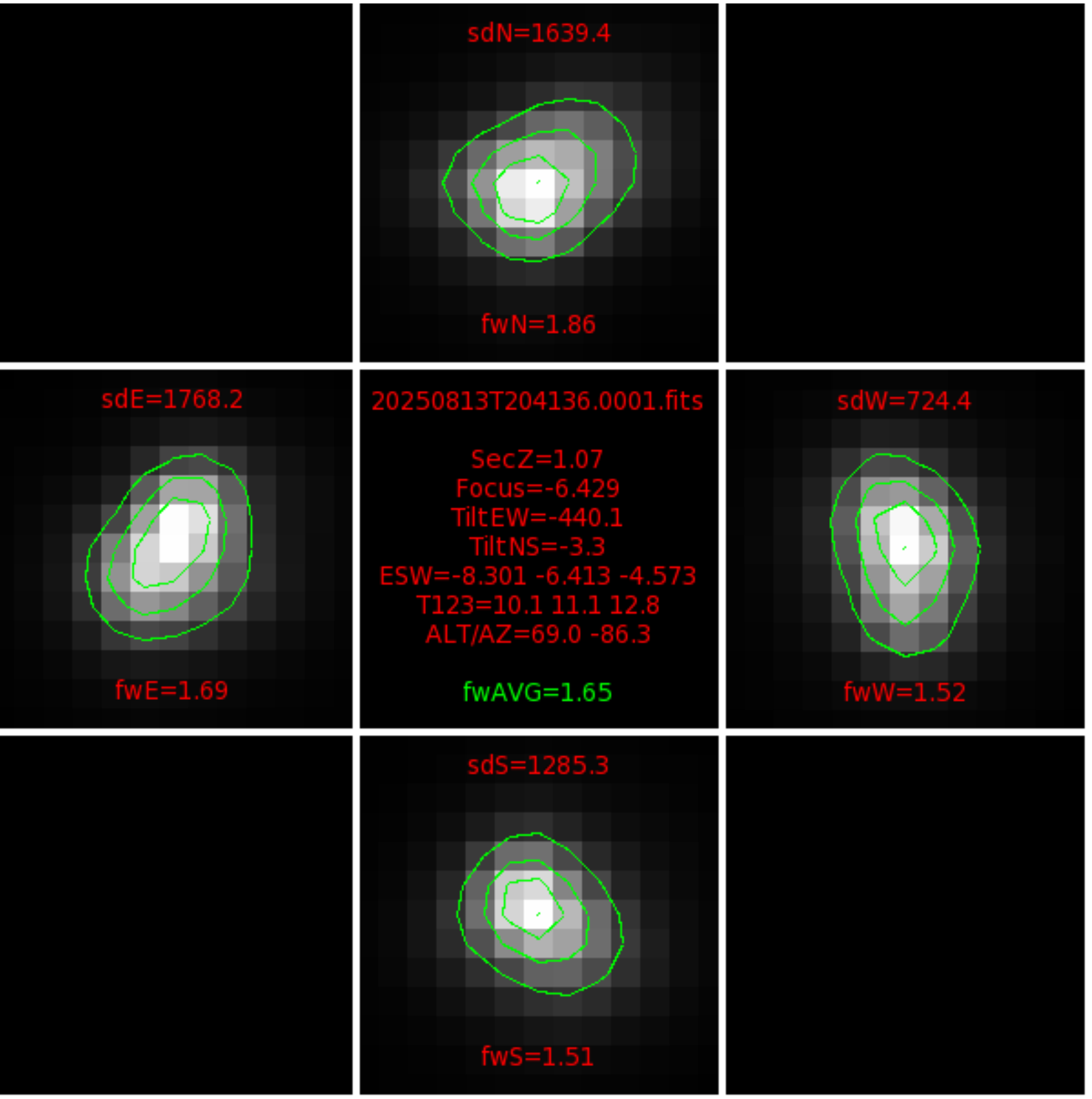
sdN=1639.4
fwN=1.86
sdE=1768.2
fwE=1.69
20250813T204136.0001.fits
SecZ=1.07
Focus=-6.429
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.301 -6.413 -4.573
T123=10.1 11.1 12.8
ALT/AZ=69.0 -86.3
fwAVG=1.65
sdW=724.4
fwW=1.52
sdS=1285.3
fwS=1.51
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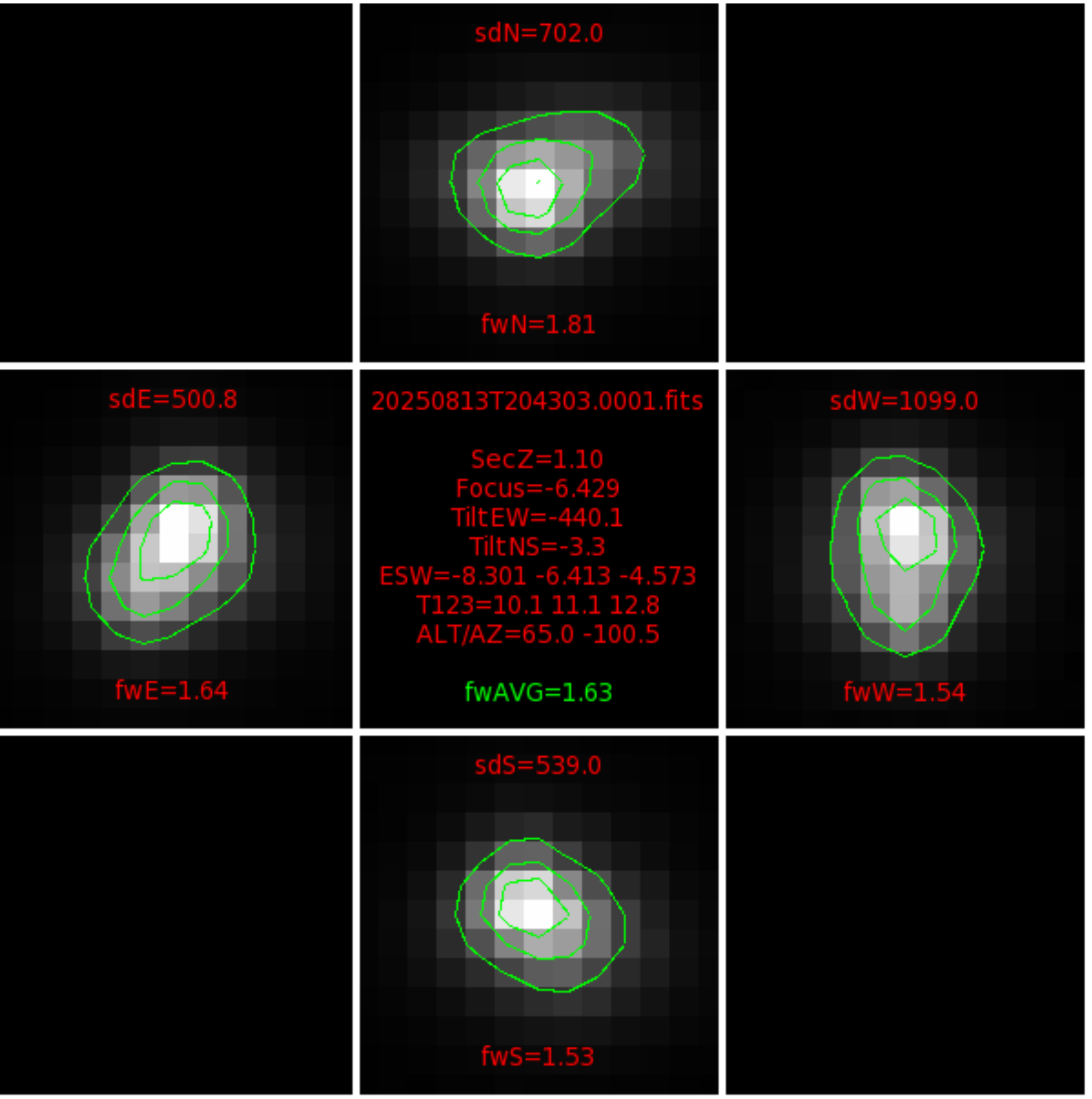
sdN=702.0
fwN=1.81
sdE=500.8
fwE=1.64
20250813T204303.0001.fits
SecZ=1.10
Focus=-6.429
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.301 -6.413 -4.573
T123=10.1 11.1 12.8
ALT/AZ=65.0 -100.5
fwAVG=1.63
sdW=1099.0
fwW=1.54
sdS=539.0
fwS=1.53
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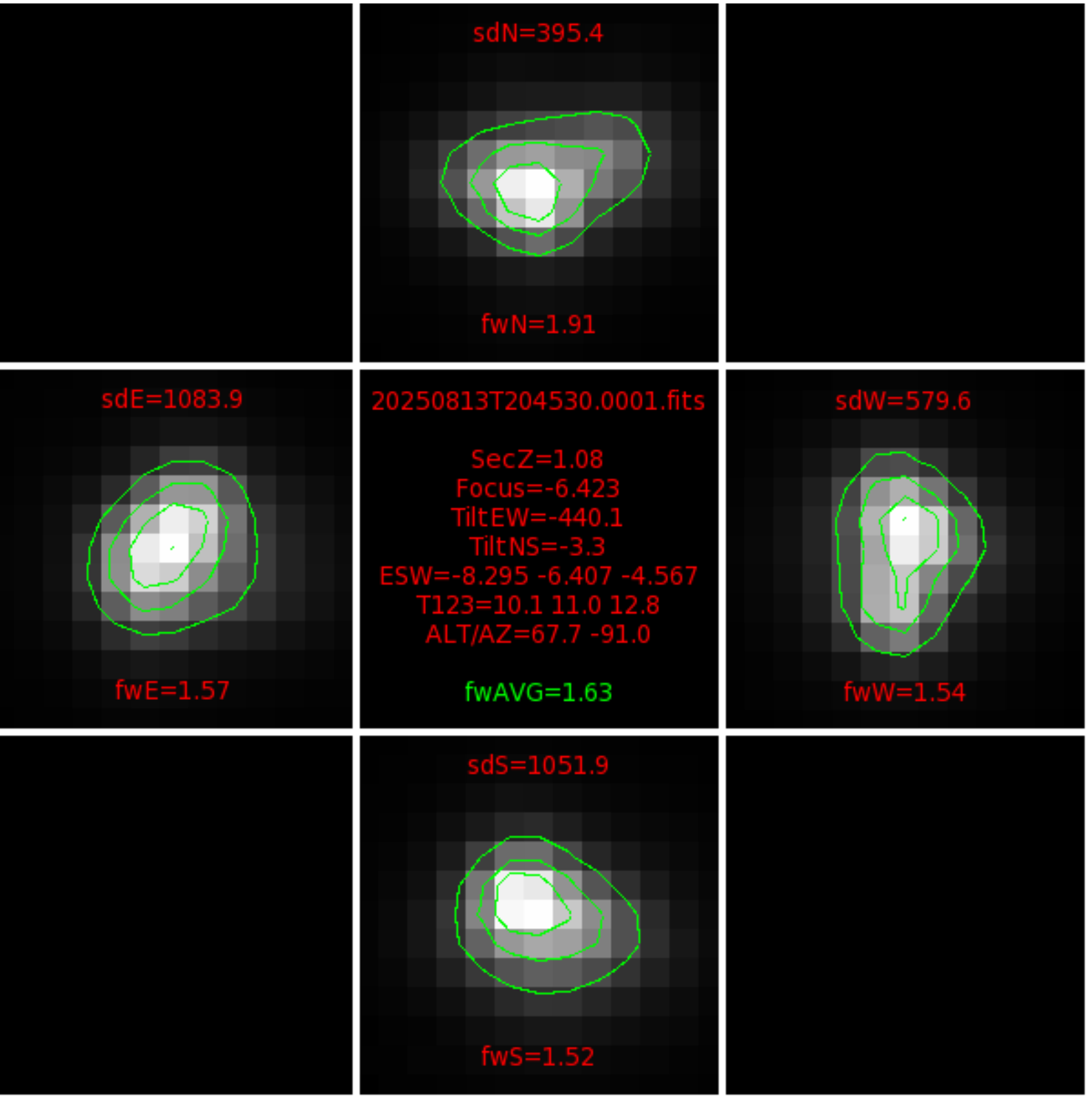
sdN=395.4
fwN=1.91
sdE=1083.9
fwE=1.57
20250813T204530.0001.fits
SecZ=1.08
Focus=-6.423
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.295 -6.407 -4.567
T123=10.1 11.0 12.8
ALT/AZ=67.7 -91.0
fwAVG=1.63
sdW=579.6
fwW=1.54
sdS=1051.9
fwS=1.52
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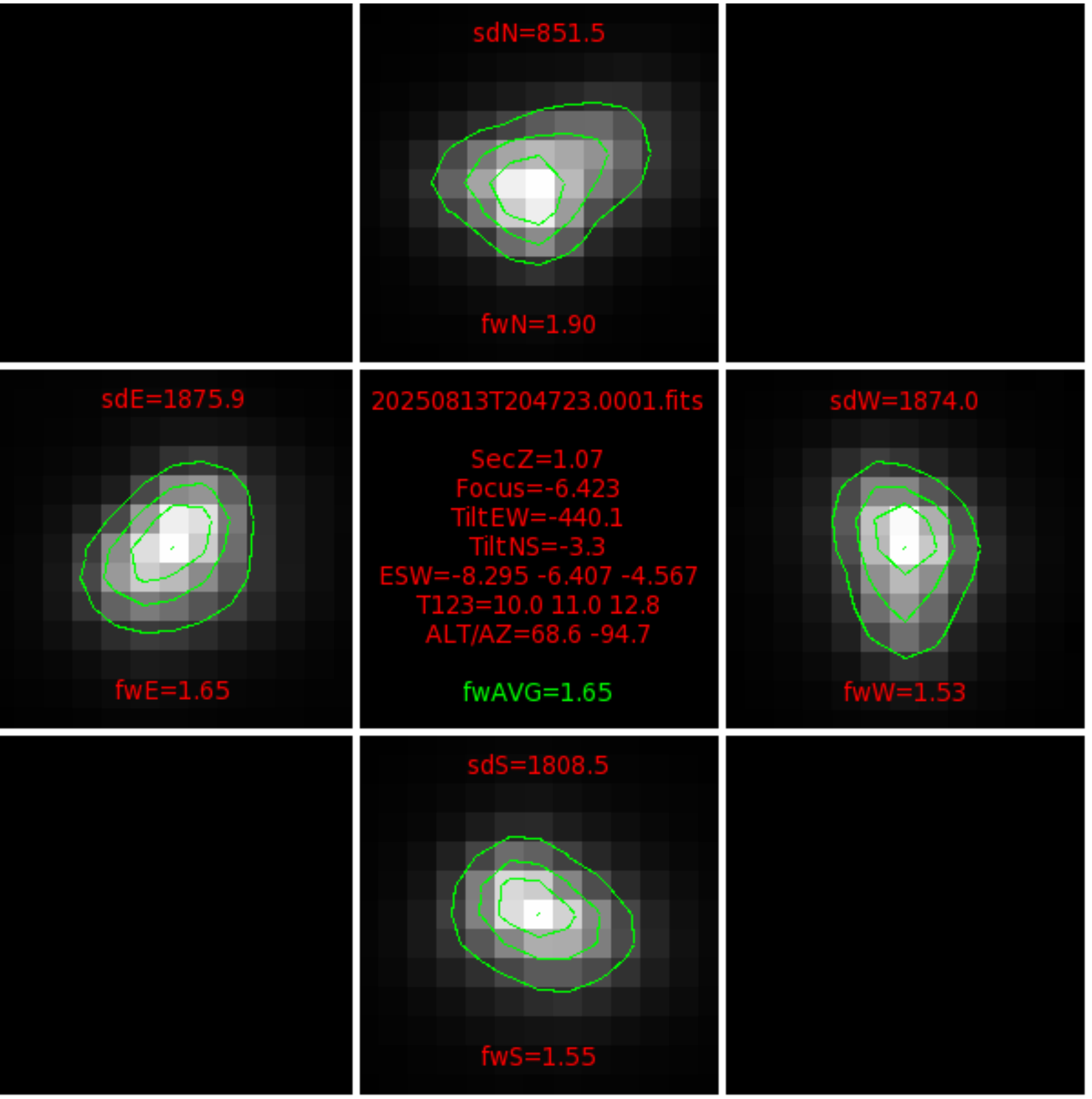
sdN=851.5
fwN=1.90
sdE=1875.9
fwE=1.65
20250813T204723.0001.fits
SecZ=1.07
Focus=-6.423
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.295 -6.407 -4.567
T123=10.0 11.0 12.8
ALT/AZ=68.6 -94.7
fwAVG=1.65
sdW=1874.0
fwW=1.53
sdS=1808.5
fwS=1.55
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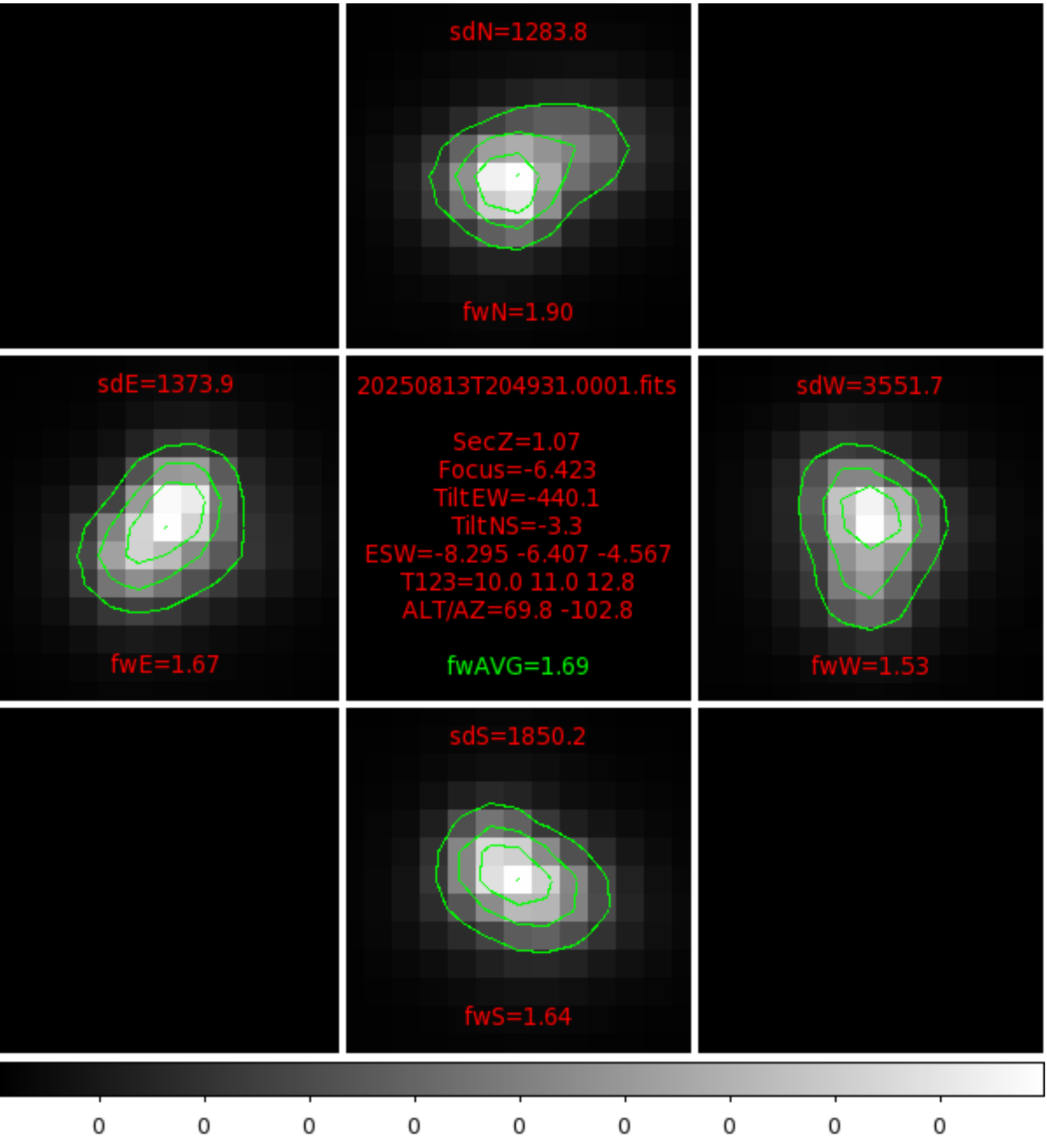
sdN=1283.8
fwN=1.90
sdE=1373.9
fwE=1.67
20250813T204931.0001.fits
SecZ=1.07
Focus=-6.423
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.295 -6.407 -4.567
T123=10.0 11.0 12.8
ALT/AZ=69.8 -102.8
fwAVG=1.69
sdW=3551.7
fwW=1.53
sdS=1850.2
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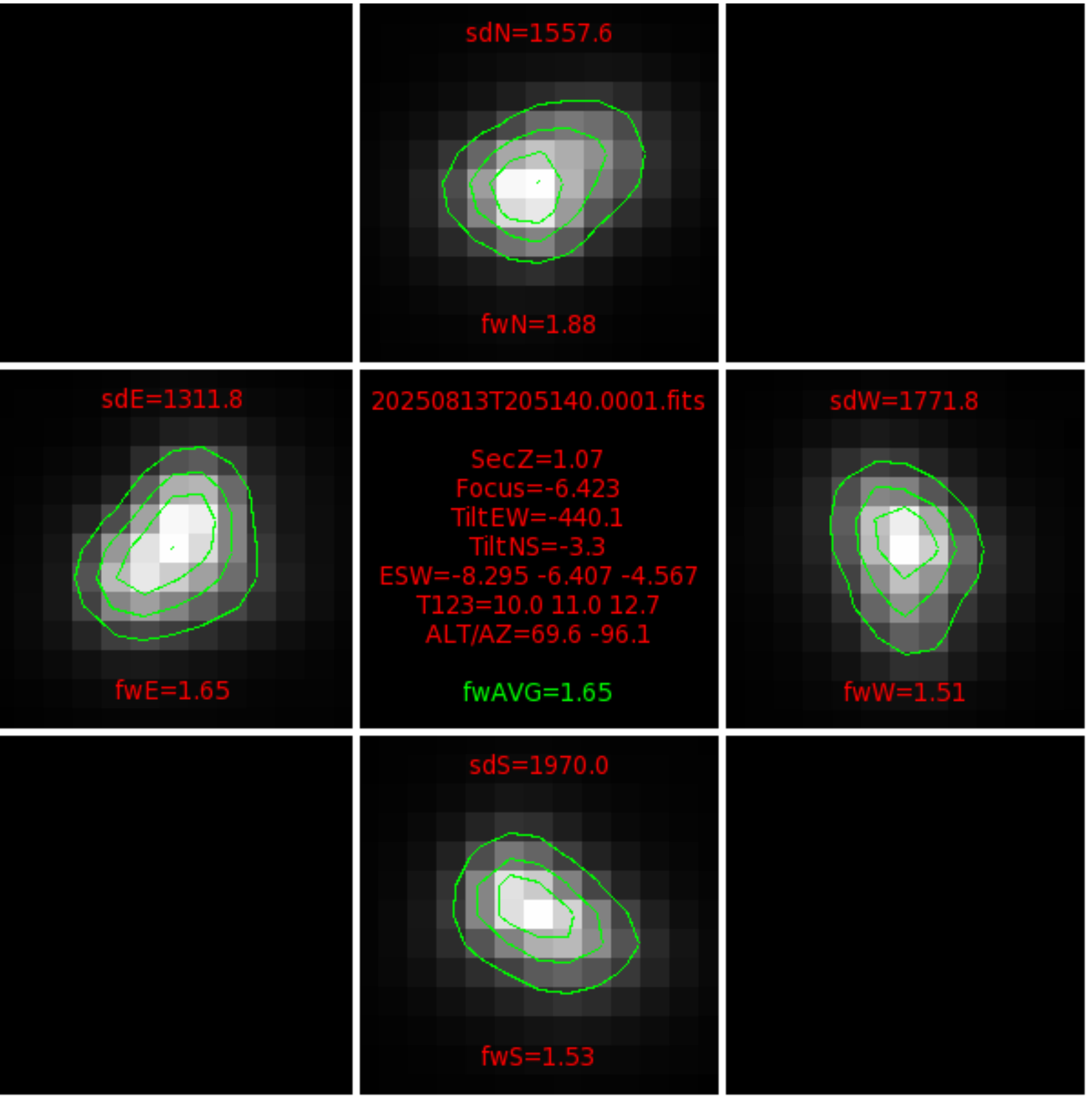
sdN=1557.6
fwN=1.88
sdE=1311.8
fwE=1.65
20250813T205140.0001.fits
SecZ=1.07
Focus=-6.423
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.295 -6.407 -4.567
T123=10.0 11.0 12.7
ALT/AZ=69.6 -96.1
fwAVG=1.65
sdW=1771.8
fwW=1.51
sdS=1970.0
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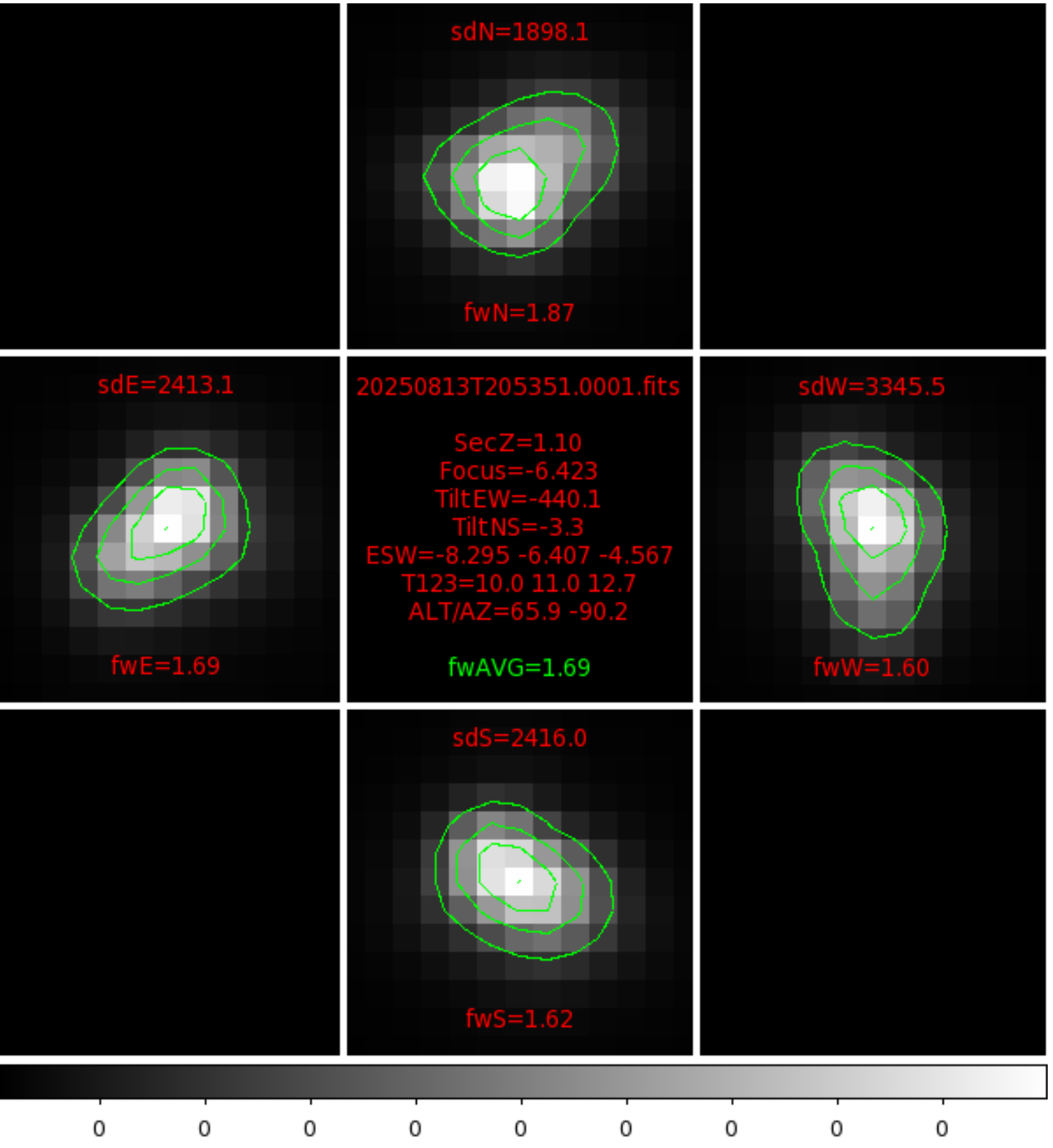
sdN=1898.1
fwN=1.87
sdE=2413.1
fwE=1.69
20250813T205351.0001.fits
SecZ=1.10
Focus=-6.423
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.295 -6.407 -4.567
T123=10.0 11.0 12.7
ALT/AZ=65.9 -90.2
fwAVG=1.69
sdW=3345.5
fwW=1.60
sdS=2416.0
fwS=1.62
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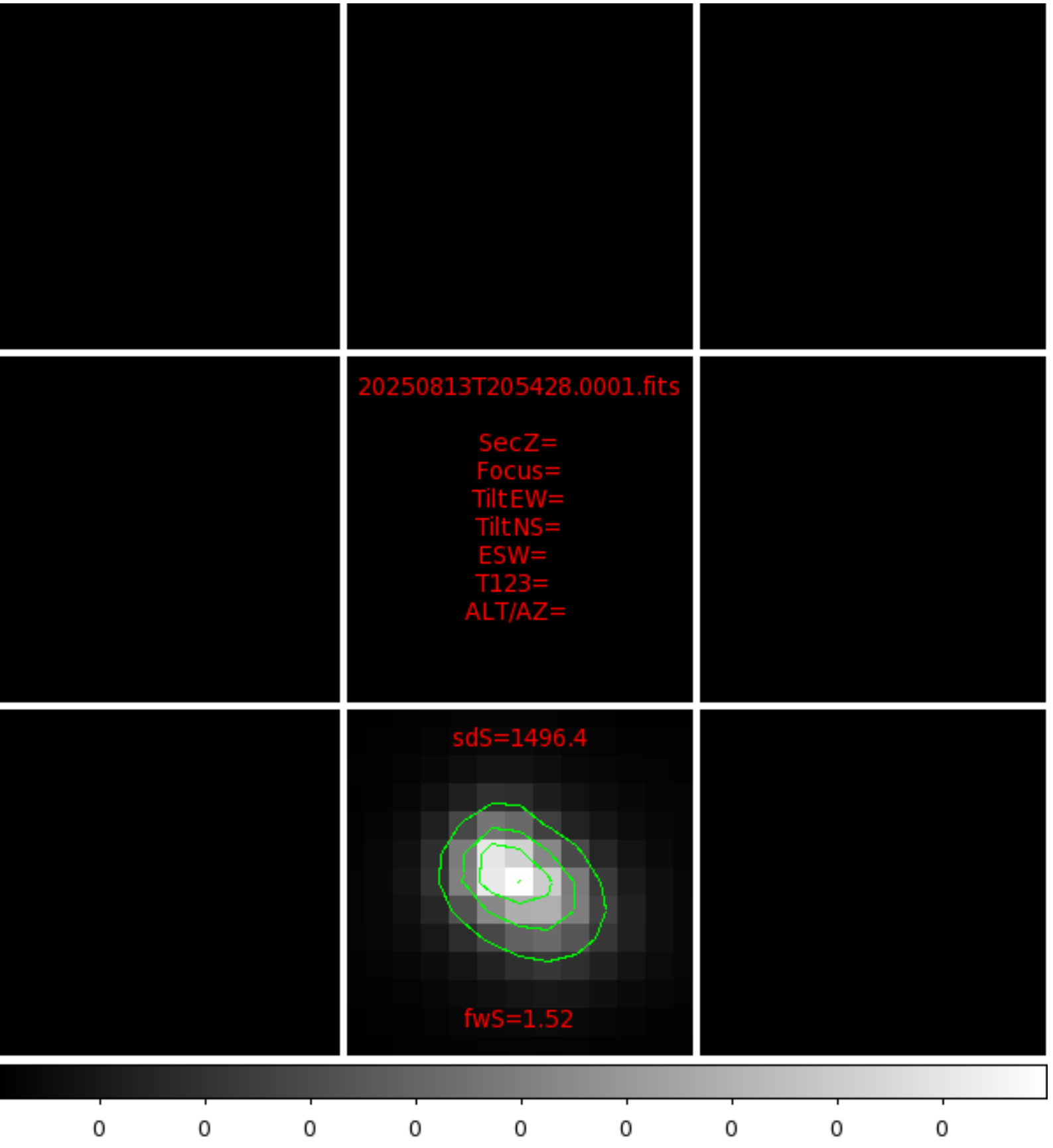
20250813T205428.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=1496.4
fwS=1.52
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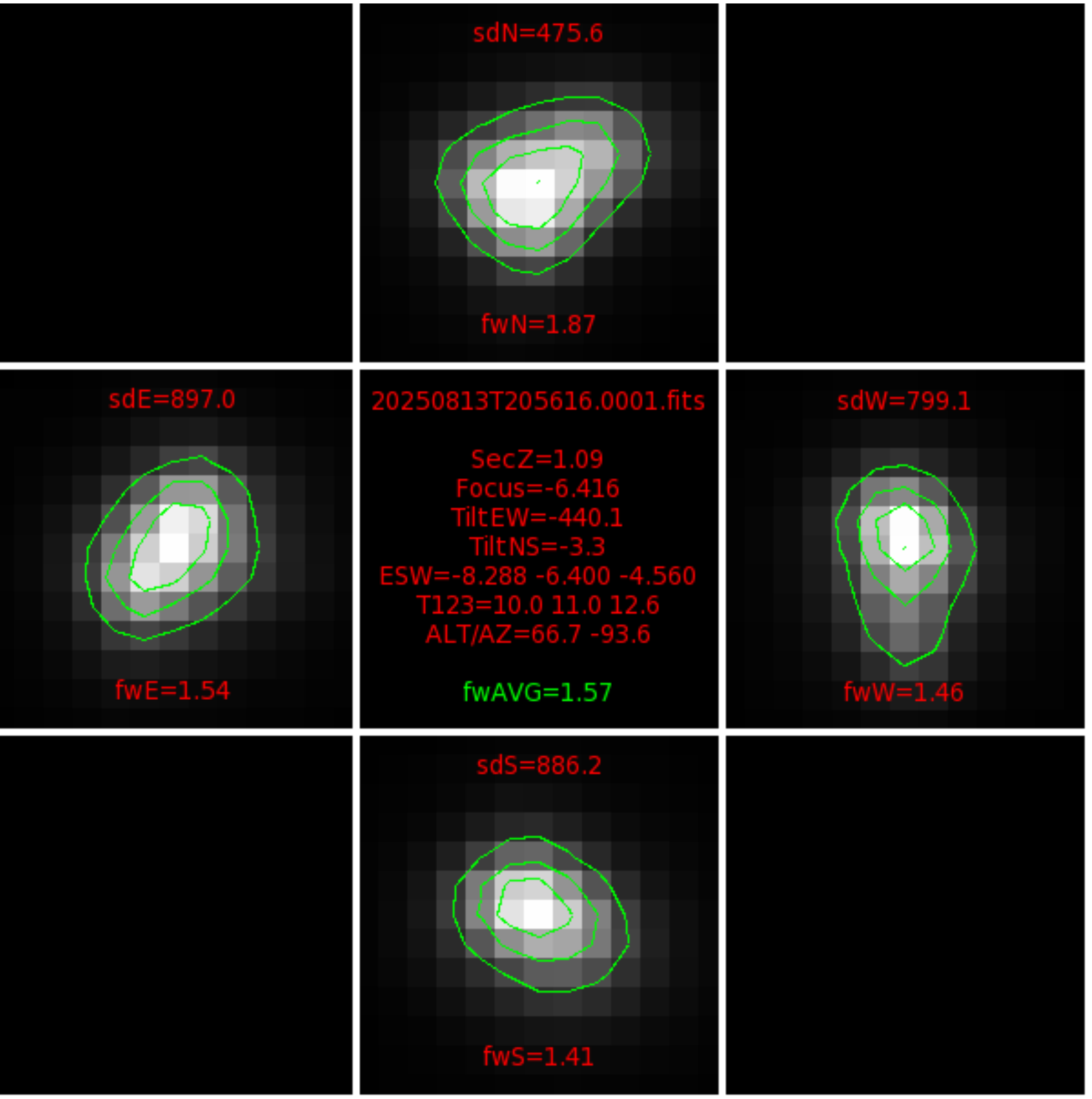
sdN=475.6
fwN=1.87
sdE=897.0
fwE=1.54
20250813T205616.0001.fits
SecZ=1.09
Focus=-6.416
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.288 -6.400 -4.560
T123=10.0 11.0 12.6
ALT/AZ=66.7 -93.6
fwAVG=1.57
sdW=799.1
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sdS=886.2
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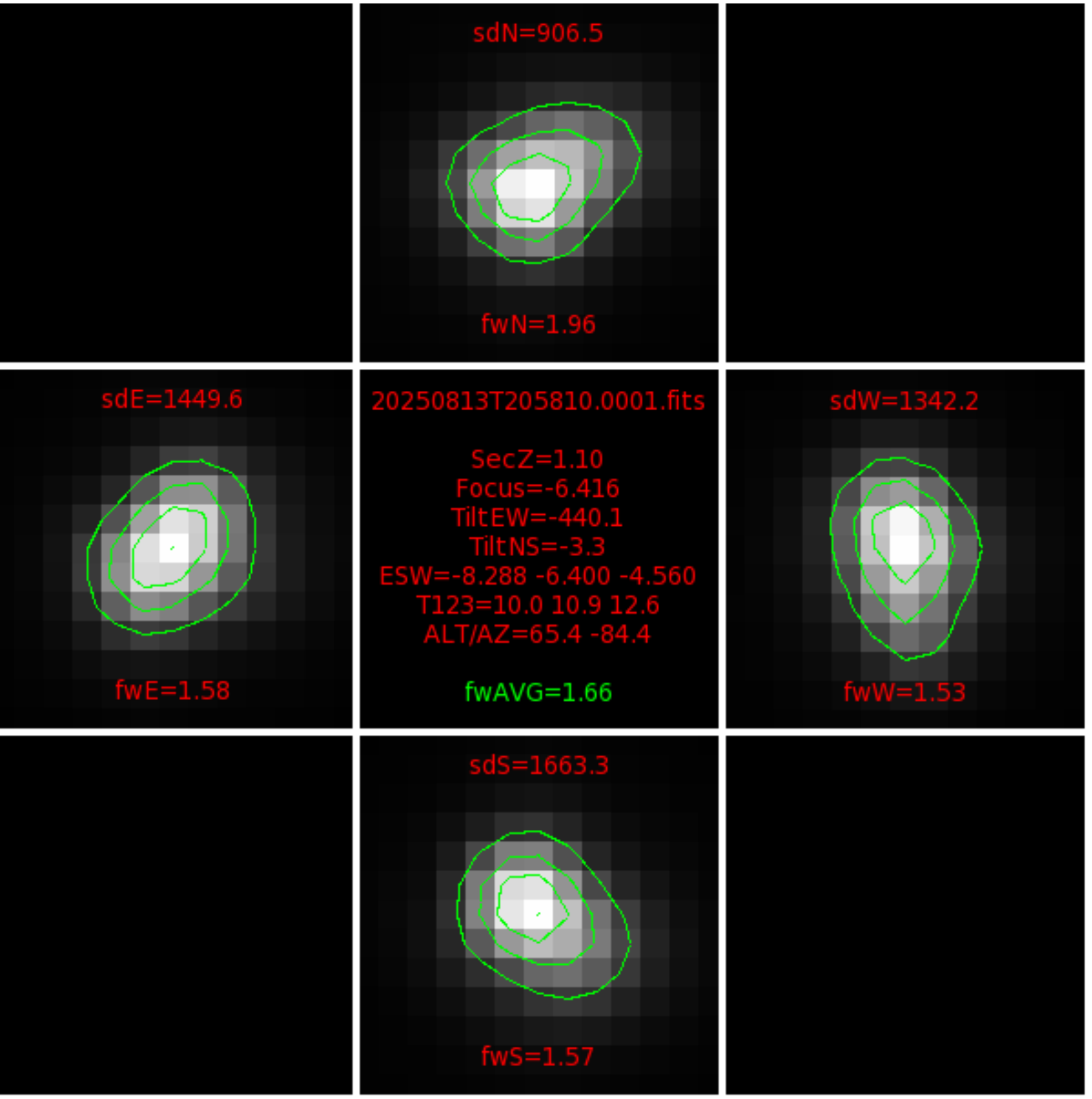
sdN=906.5
fwN=1.96
sdE=1449.6
fwE=1.58
20250813T205810.0001.fits
SecZ=1.10
Focus=-6.416
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.288 -6.400 -4.560
T123=10.0 10.9 12.6
ALT/AZ=65.4 -84.4
fwAVG=1.66
sdW=1342.2
fwW=1.53
sdS=1663.3
fwS=1.57
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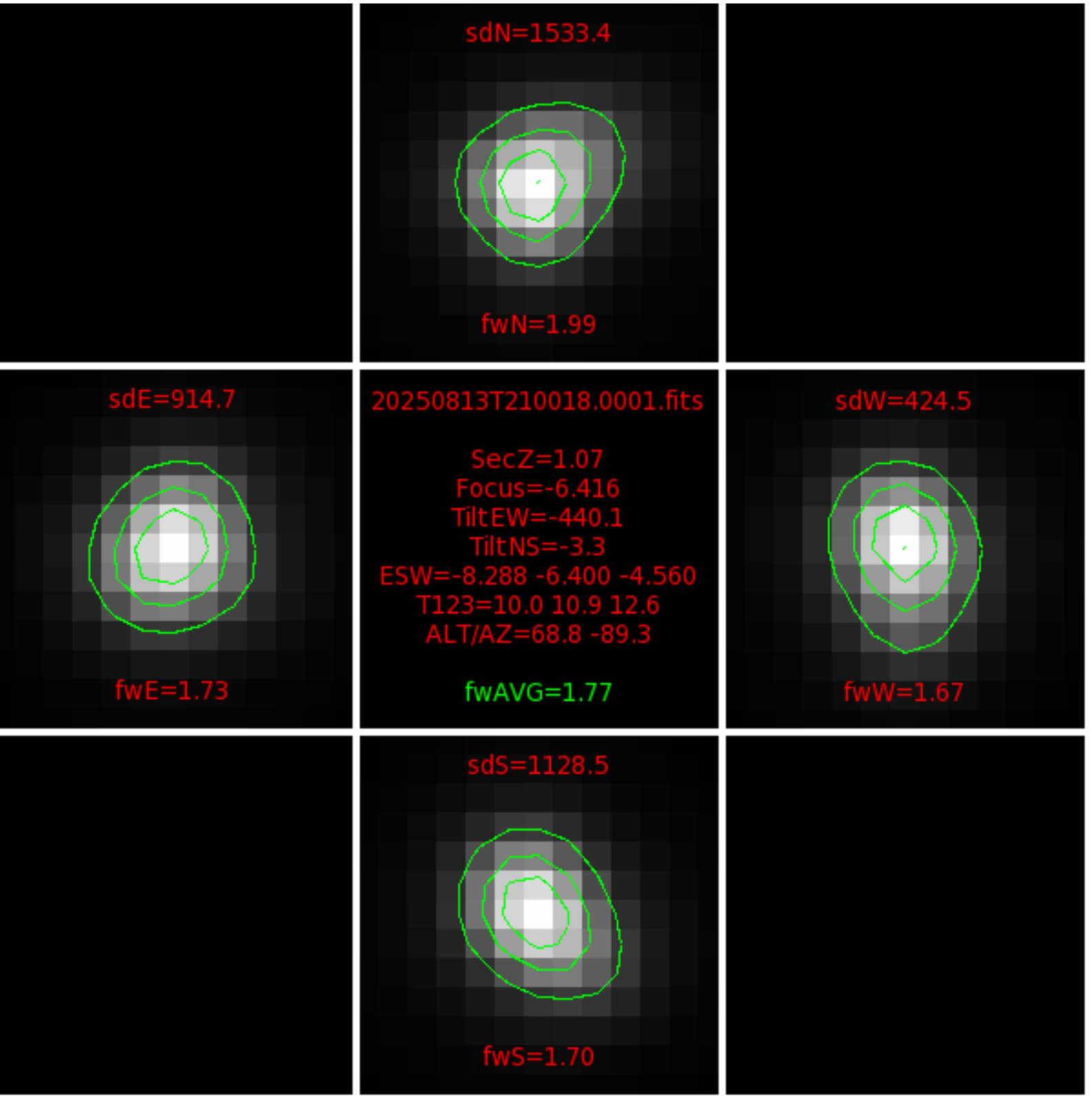
sdN=1533.4
fwN=1.99
sdE=914.7
fwE=1.73
20250813T210018.0001.fits
SecZ=1.07
Focus=-6.416
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.288 -6.400 -4.560
T123=10.0 10.9 12.6
ALT/AZ=68.8 -89.3
fwAVG=1.77
sdW=424.5
fwW=1.67
sdS=1128.5
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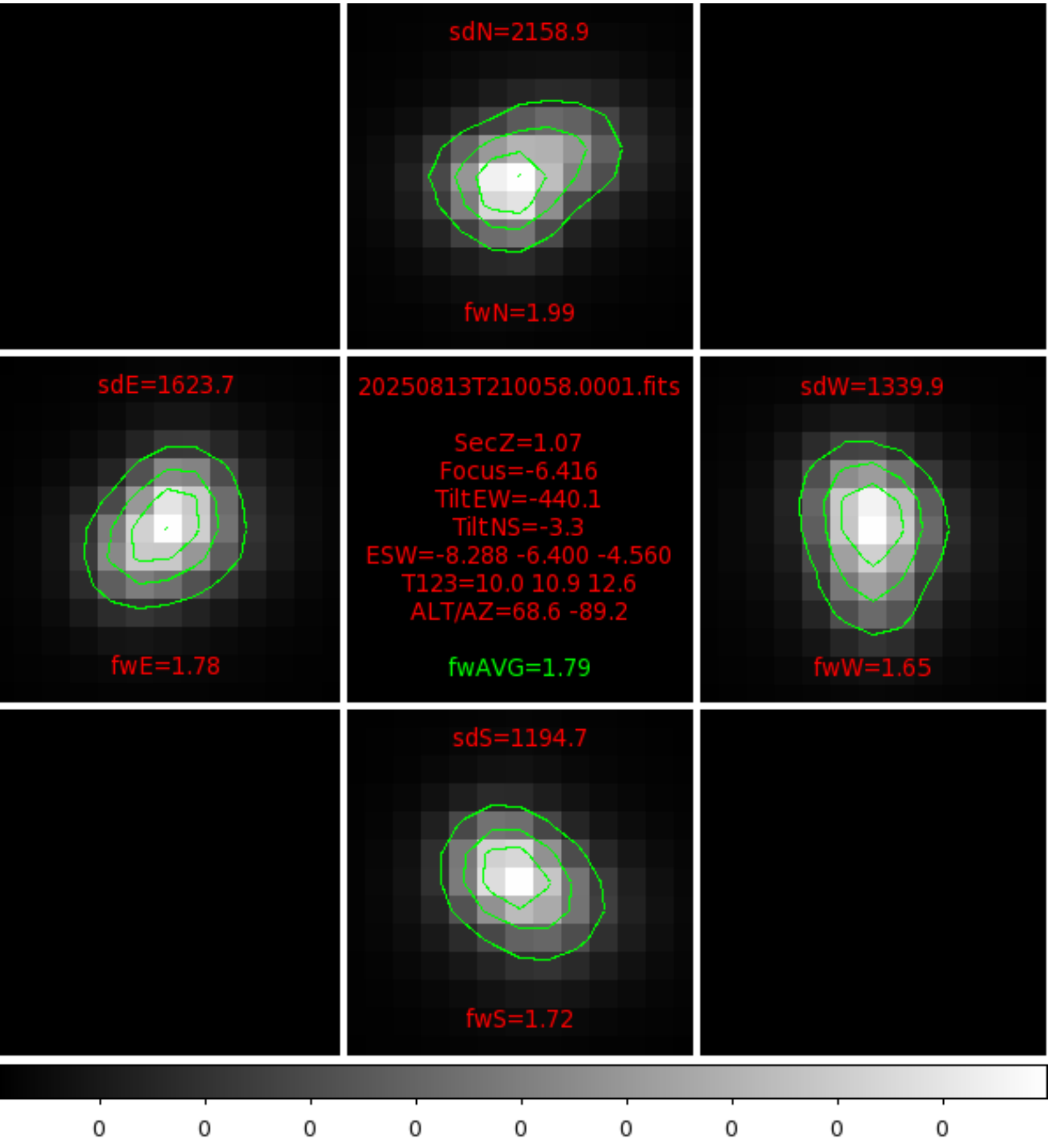
sdN=2158.9
fwN=1.99
sdE=1623.7
fwE=1.78
20250813T210058.0001.fits
SecZ=1.07
Focus=-6.416
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.288 -6.400 -4.560
T123=10.0 10.9 12.6
ALT/AZ=68.6 -89.2
fwAVG=1.79
sdW=1339.9
fwW=1.65
sdS=1194.7
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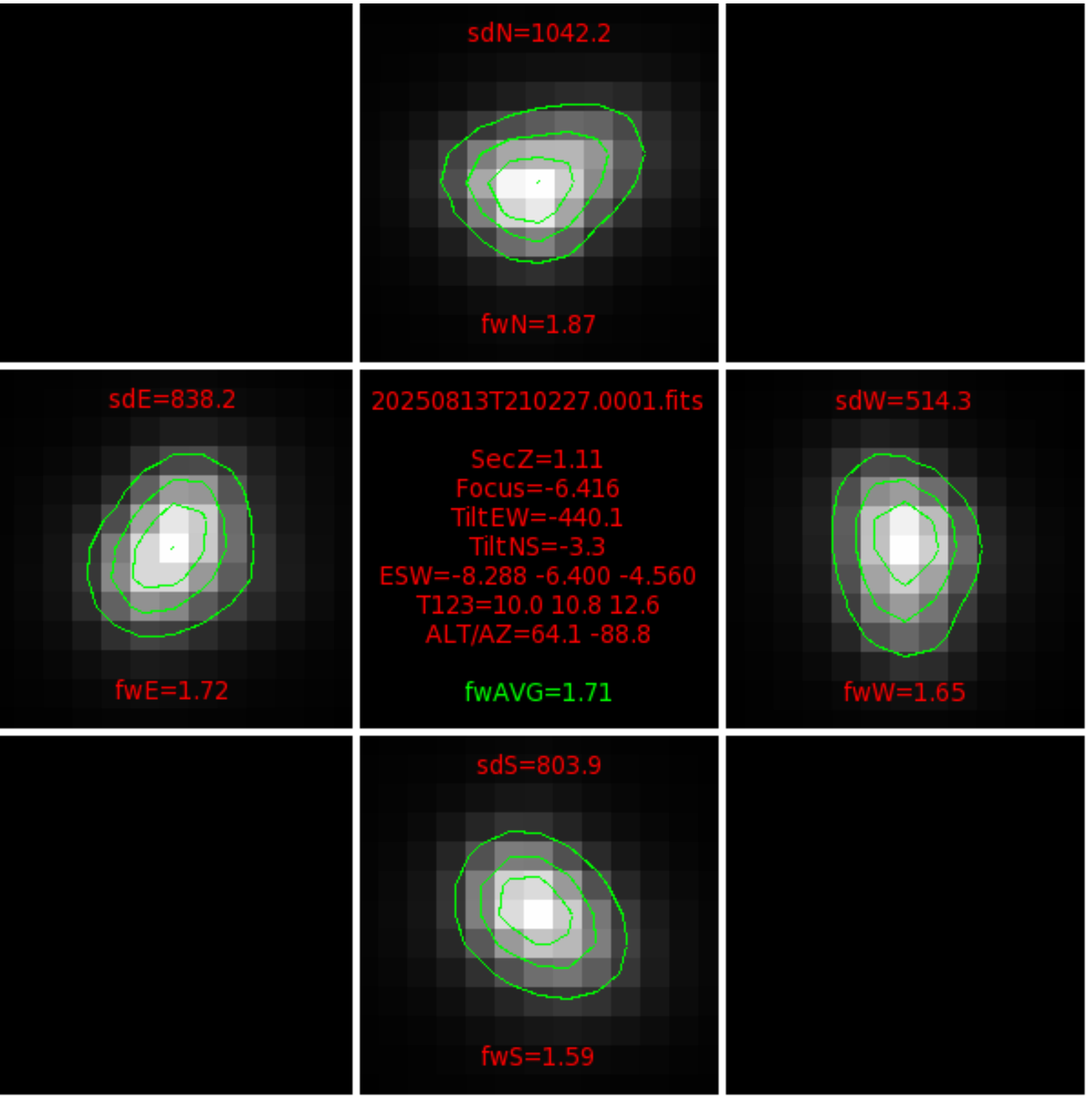
sdN=1042.2
fwN=1.87
sdE=838.2
fwE=1.72
20250813T210227.0001.fits
SecZ=1.11
Focus=-6.416
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.288 -6.400 -4.560
T123=10.0 10.8 12.6
ALT/AZ=64.1 -88.8
fwAVG=1.71
sdW=514.3
fwW=1.65
sdS=803.9
fwS=1.59
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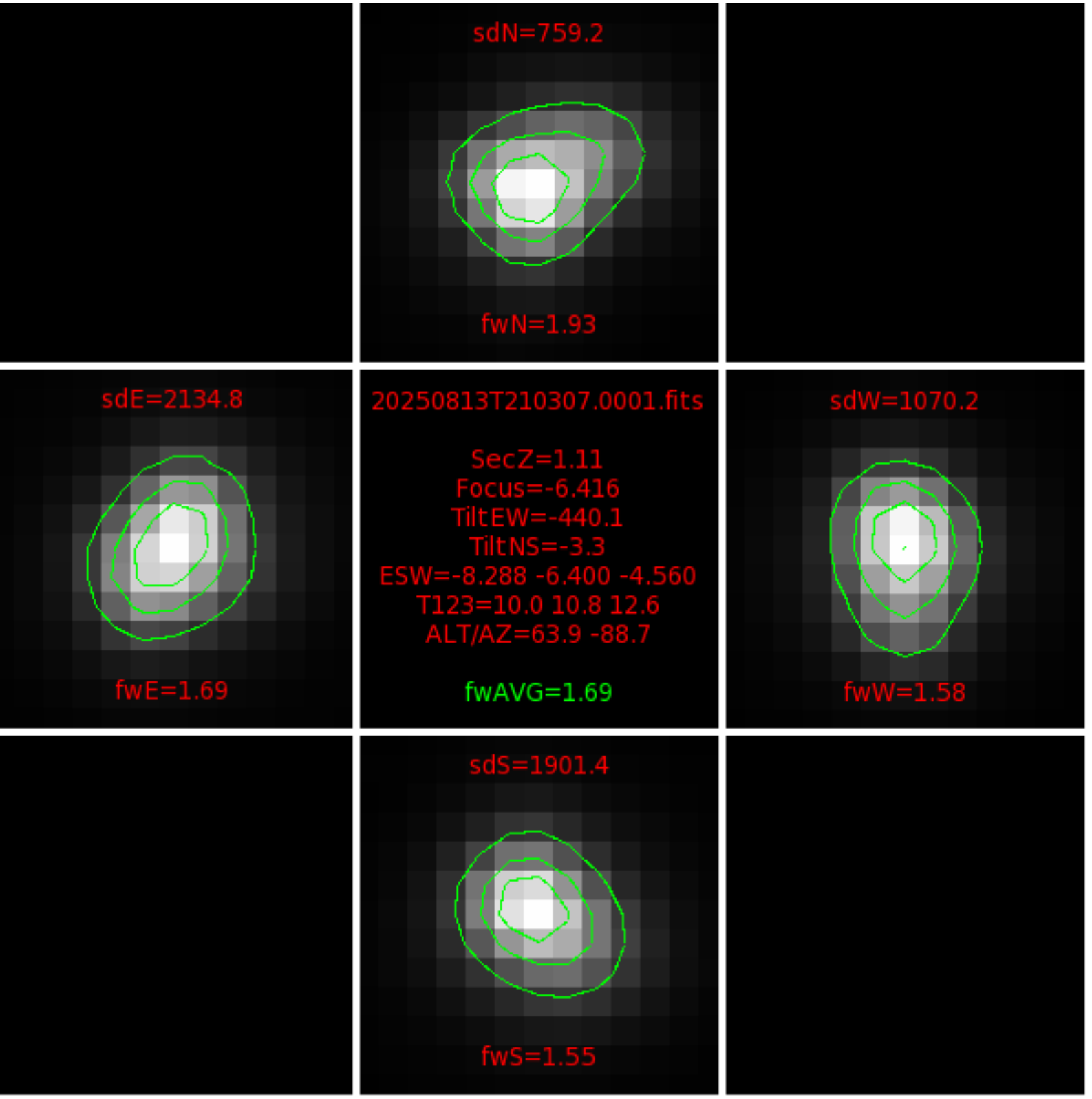
sdN=759.2
fwN=1.93
sdE=2134.8
fwE=1.69
20250813T210307.0001.fits
SecZ=1.11
Focus=-6.416
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.288 -6.400 -4.560
T123=10.0 10.8 12.6
ALT/AZ=63.9 -88.7
fwAVG=1.69
sdW=1070.2
fwW=1.58
sdS=1901.4
fwS=1.55
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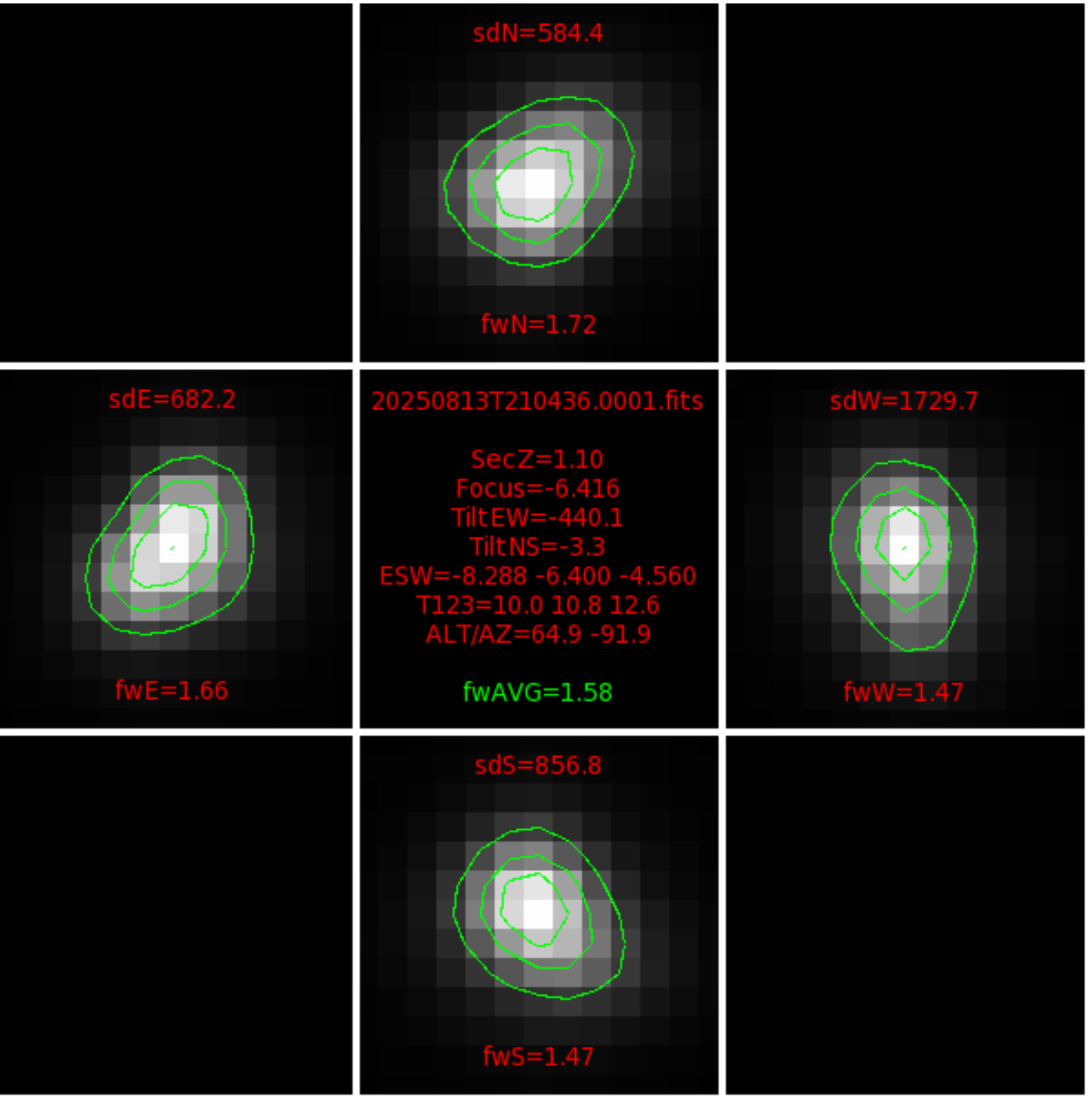
sdN=584.4
fwN=1.72
sdE=682.2
fwE=1.66
20250813T210436.0001.fits
SecZ=1.10
Focus=-6.416
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.288 -6.400 -4.560
T123=10.0 10.8 12.6
ALT/AZ=64.9 -91.9
fwAVG=1.58
sdW=1729.7
fwW=1.47
sdS=856.8
fwS=1.47
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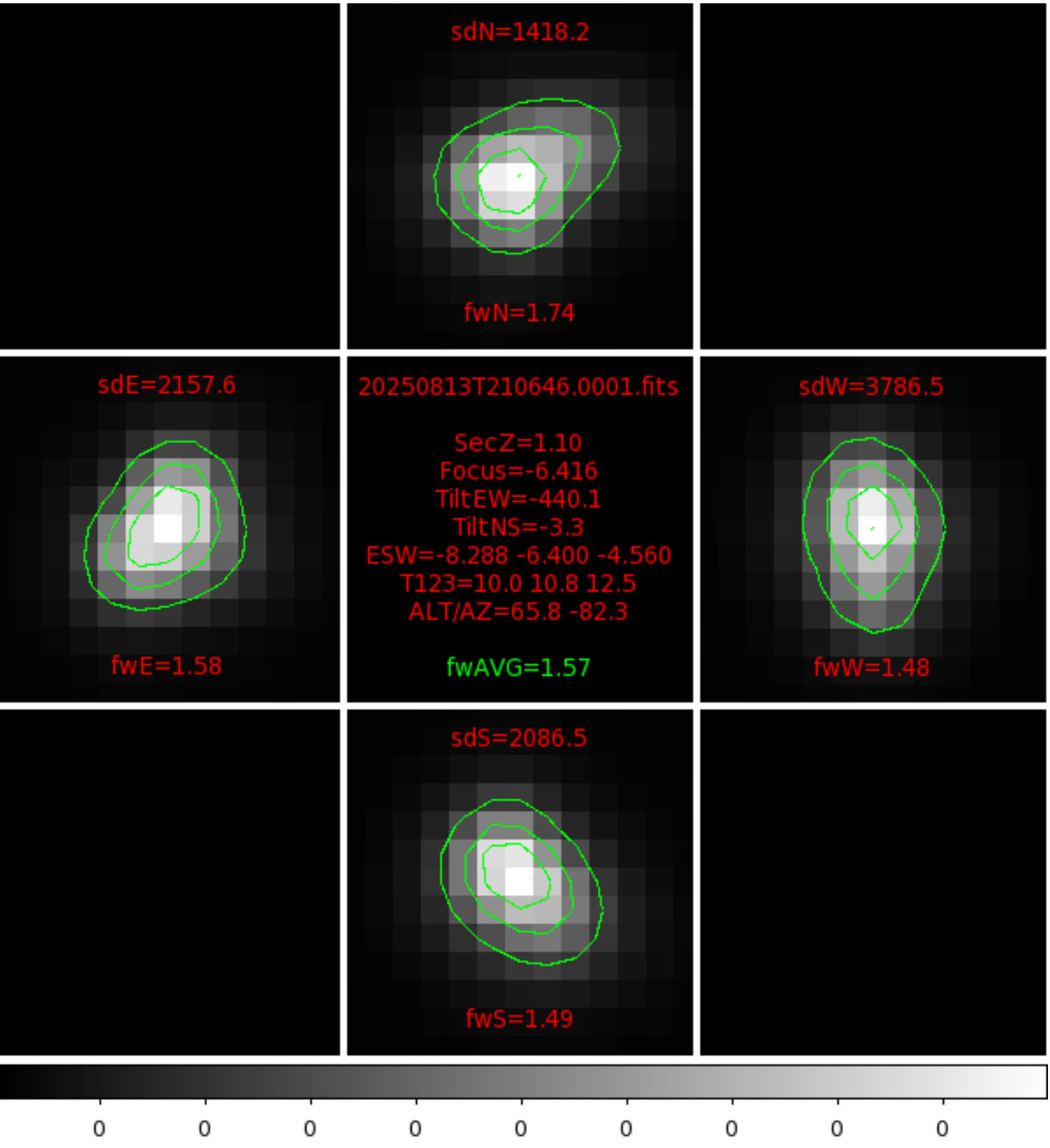
sdN=1418.2
fwN=1.74
sdE=2157.6
fwE=1.58
20250813T210646.0001.fits
SecZ=1.10
Focus=-6.416
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.288 -6.400 -4.560
T123=10.0 10.8 12.5
ALT/AZ=65.8 -82.3
fwAVG=1.57
sdW=3786.5
fwW=1.48
sdS=2086.5
fwS=1.49
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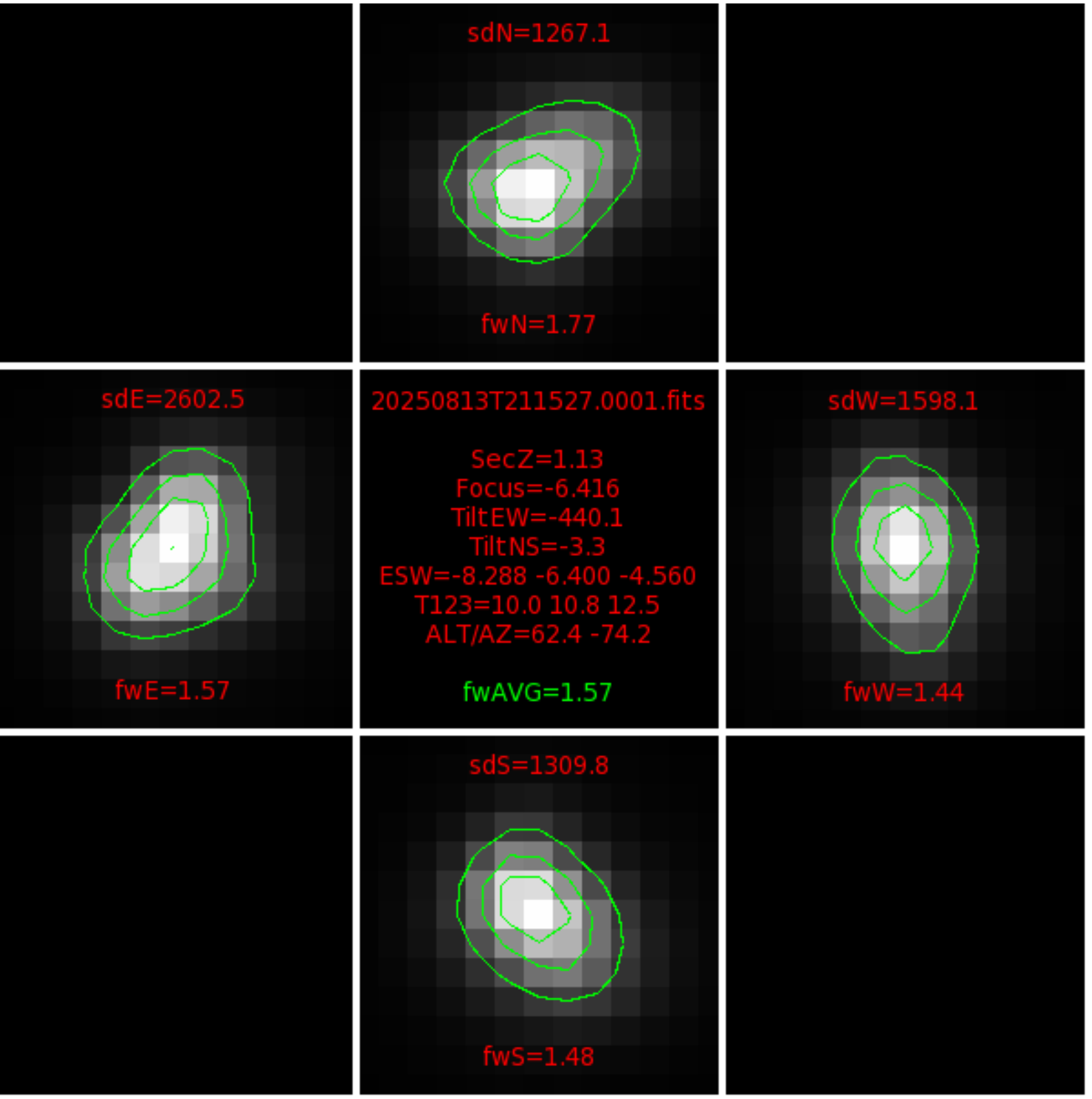
sdN=1267.1
fwN=1.77
sdE=2602.5
fwE=1.57
20250813T211527.0001.fits
SecZ=1.13
Focus=-6.416
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.288 -6.400 -4.560
T123=10.0 10.8 12.5
ALT/AZ=62.4 -74.2
fwAVG=1.57
sdW=1598.1
fwW=1.44
sdS=1309.8
fwS=1.48
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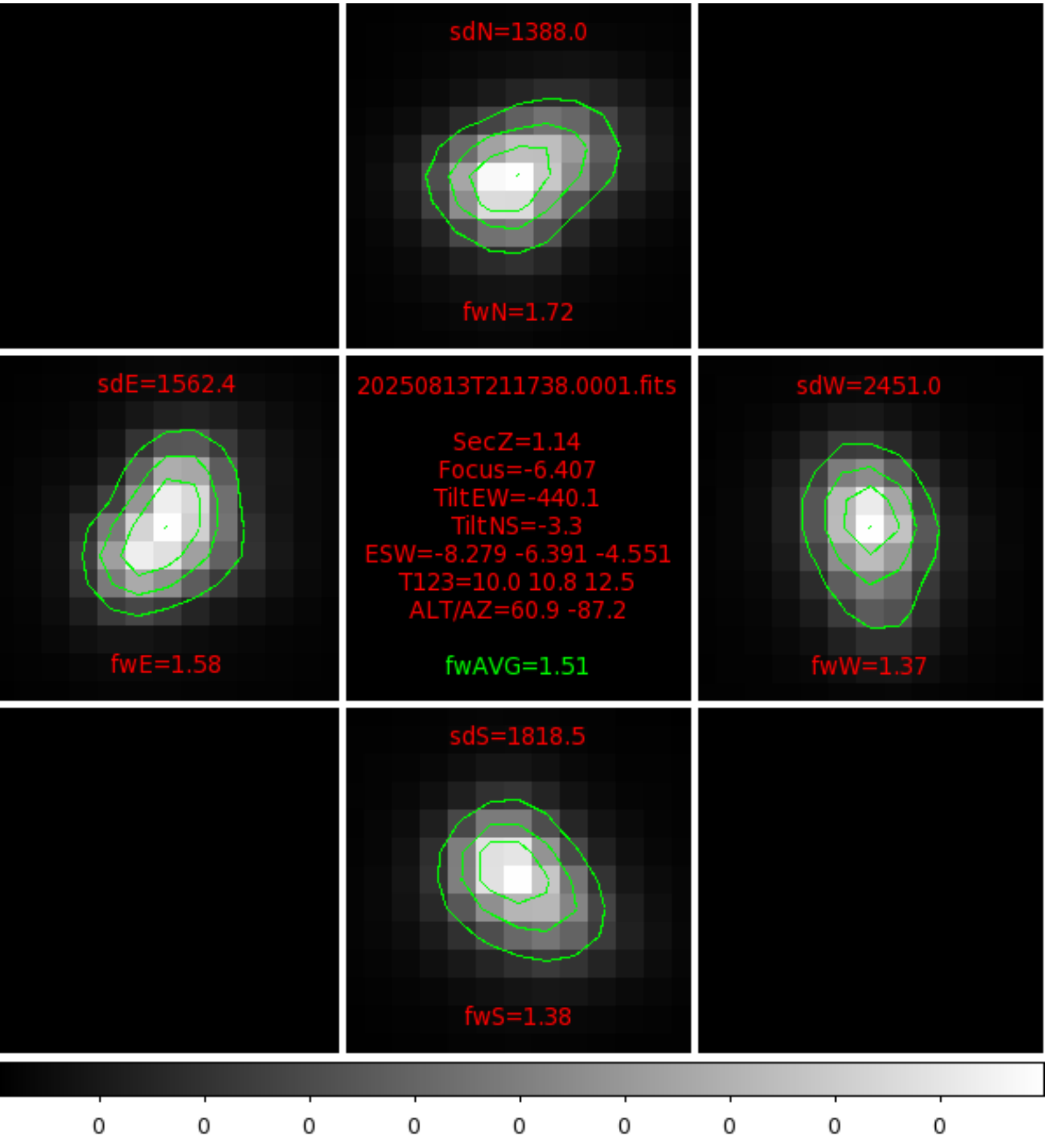
sdN=1388.0
fwN=1.72
sdE=1562.4
fwE=1.58
20250813T211738.0001.fits
SecZ=1.14
Focus=-6.407
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.279 -6.391 -4.551
T123=10.0 10.8 12.5
ALT/AZ=60.9 -87.2
fwAVG=1.51
sdW=2451.0
fwW=1.37
sdS=1818.5
fwS=1.38
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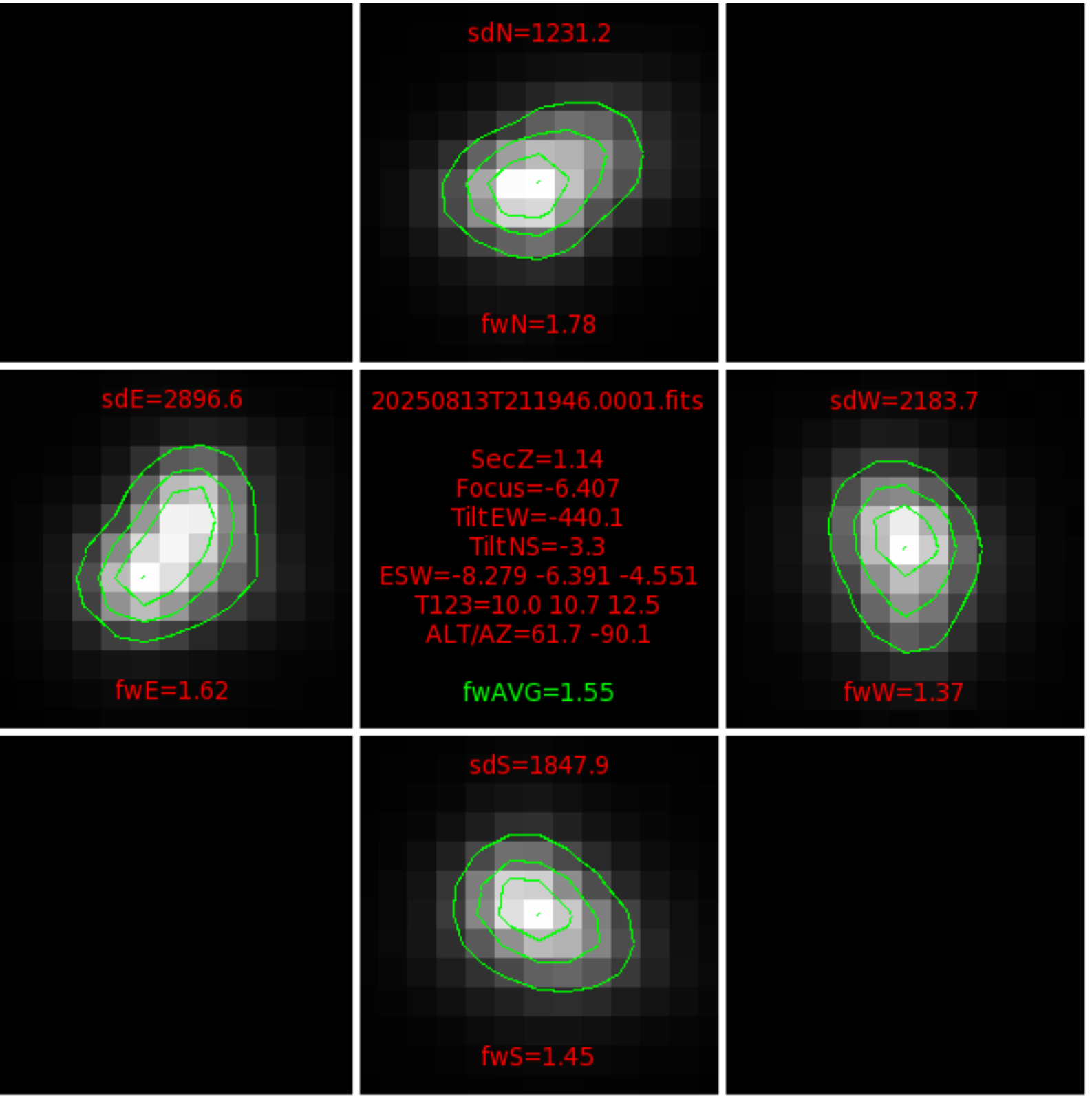
sdN=1231.2
fwN=1.78
sdE=2896.6
fwE=1.62
20250813T211946.0001.fits
SecZ=1.14
Focus=-6.407
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.279 -6.391 -4.551
T123=10.0 10.7 12.5
ALT/AZ=61.7 -90.1
fwAVG=1.55
sdW=2183.7
fwW=1.37
sdS=1847.9
fwS=1.45
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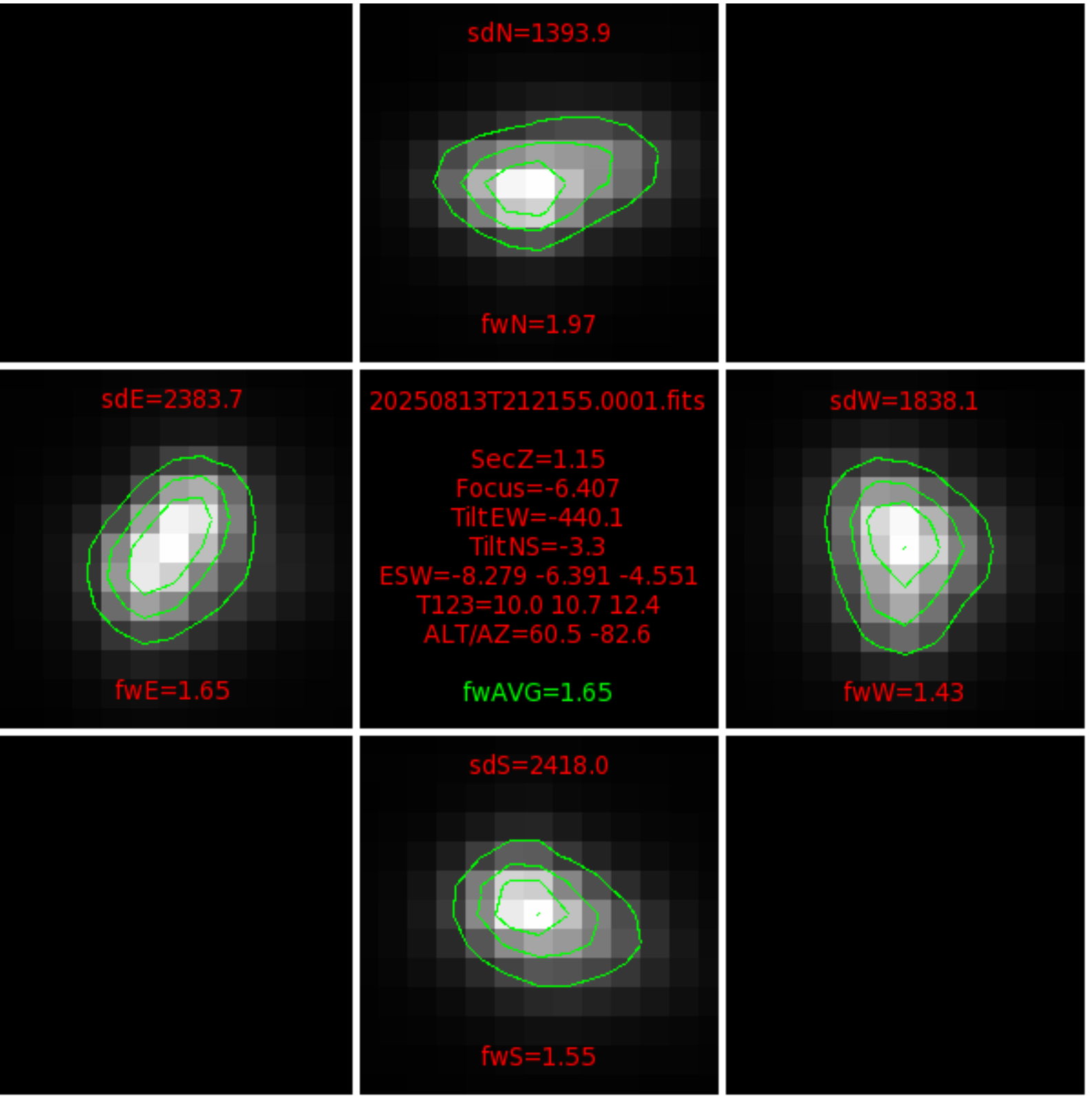
sdN=1393.9
fwN=1.97
sdE=2383.7
fwE=1.65
20250813T212155.0001.fits
SecZ=1.15
Focus=-6.407
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.279 -6.391 -4.551
T123=10.0 10.7 12.4
ALT/AZ=60.5 -82.6
fwAVG=1.65
sdW=1838.1
fwW=1.43
sdS=2418.0
fwS=1.55
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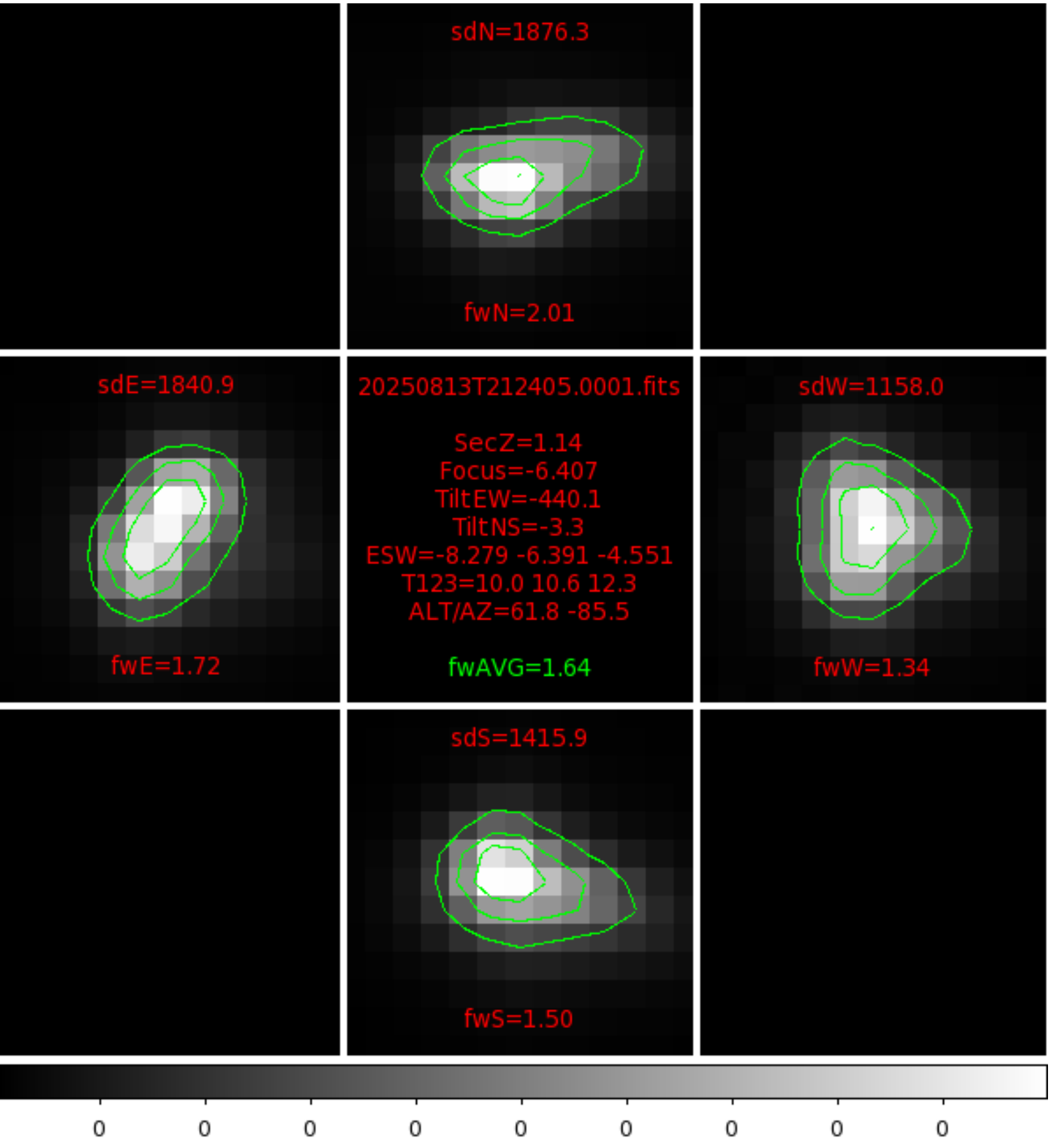
sdN=1876.3
fwN=2.01
sdE=1840.9
fwE=1.72
20250813T212405.0001.fits
SecZ=1.14
Focus=-6.407
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.279 -6.391 -4.551
T123=10.0 10.6 12.3
ALT/AZ=61.8 -85.5
fwAVG=1.64
sdW=1158.0
fwW=1.34
sdS=1415.9
fwS=1.50
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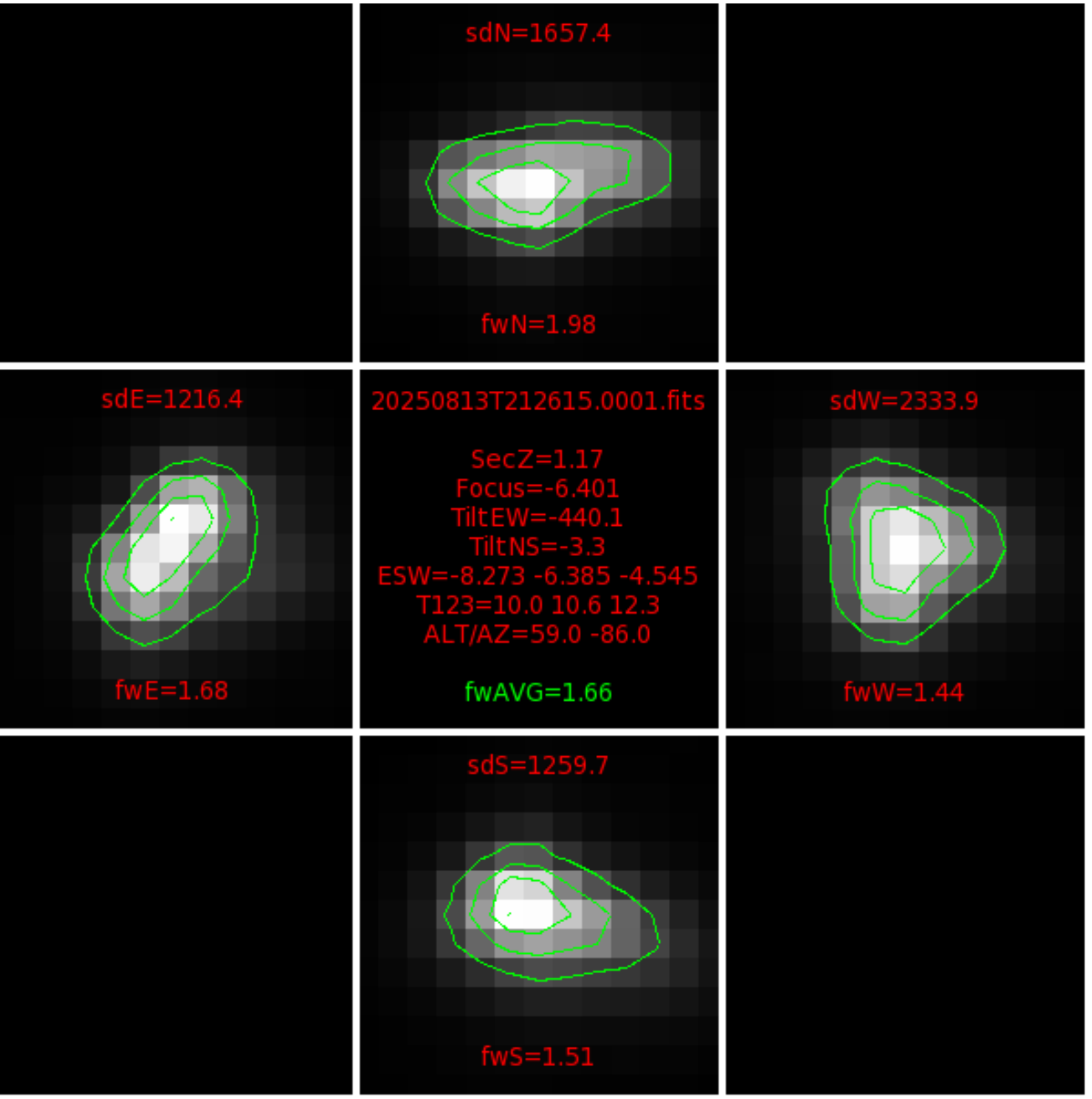
sdN=1657.4
fwN=1.98
sdE=1216.4
fwE=1.68
20250813T212615.0001.fits
SecZ=1.17
Focus=-6.401
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.273 -6.385 -4.545
T123=10.0 10.6 12.3
ALT/AZ=59.0 -86.0
fwAVG=1.66
sdW=2333.9
fwW=1.44
sdS=1259.7
fwS=1.51
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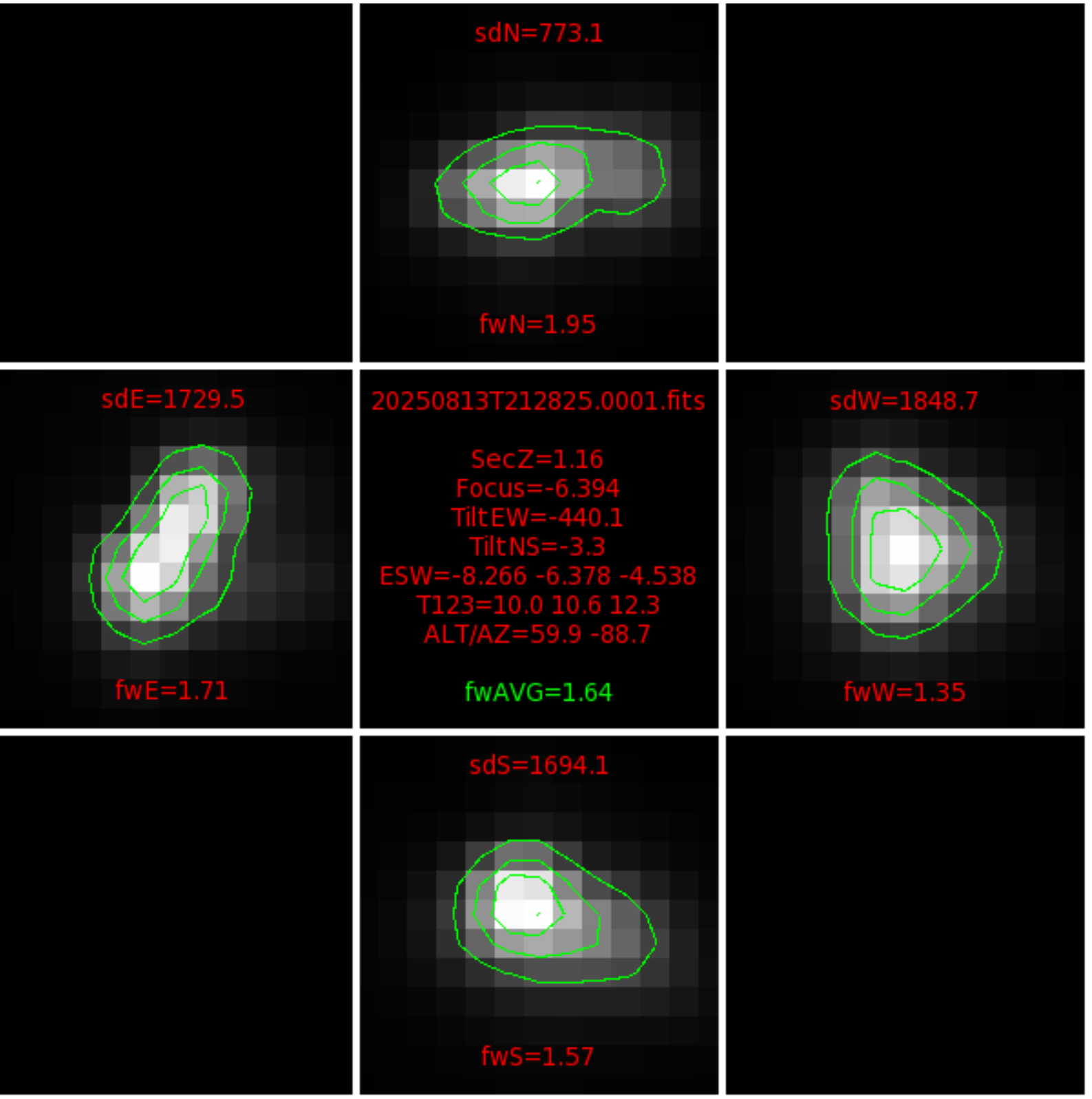
sdN=773.1
fwN=1.95
sdE=1729.5
fwE=1.71
20250813T212825.0001.fits
SecZ=1.16
Focus=-6.394
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.266 -6.378 -4.538
T123=10.0 10.6 12.3
ALT/AZ=59.9 -88.7
fwAVG=1.64
sdW=1848.7
fwW=1.35
sdS=1694.1
fwS=1.57
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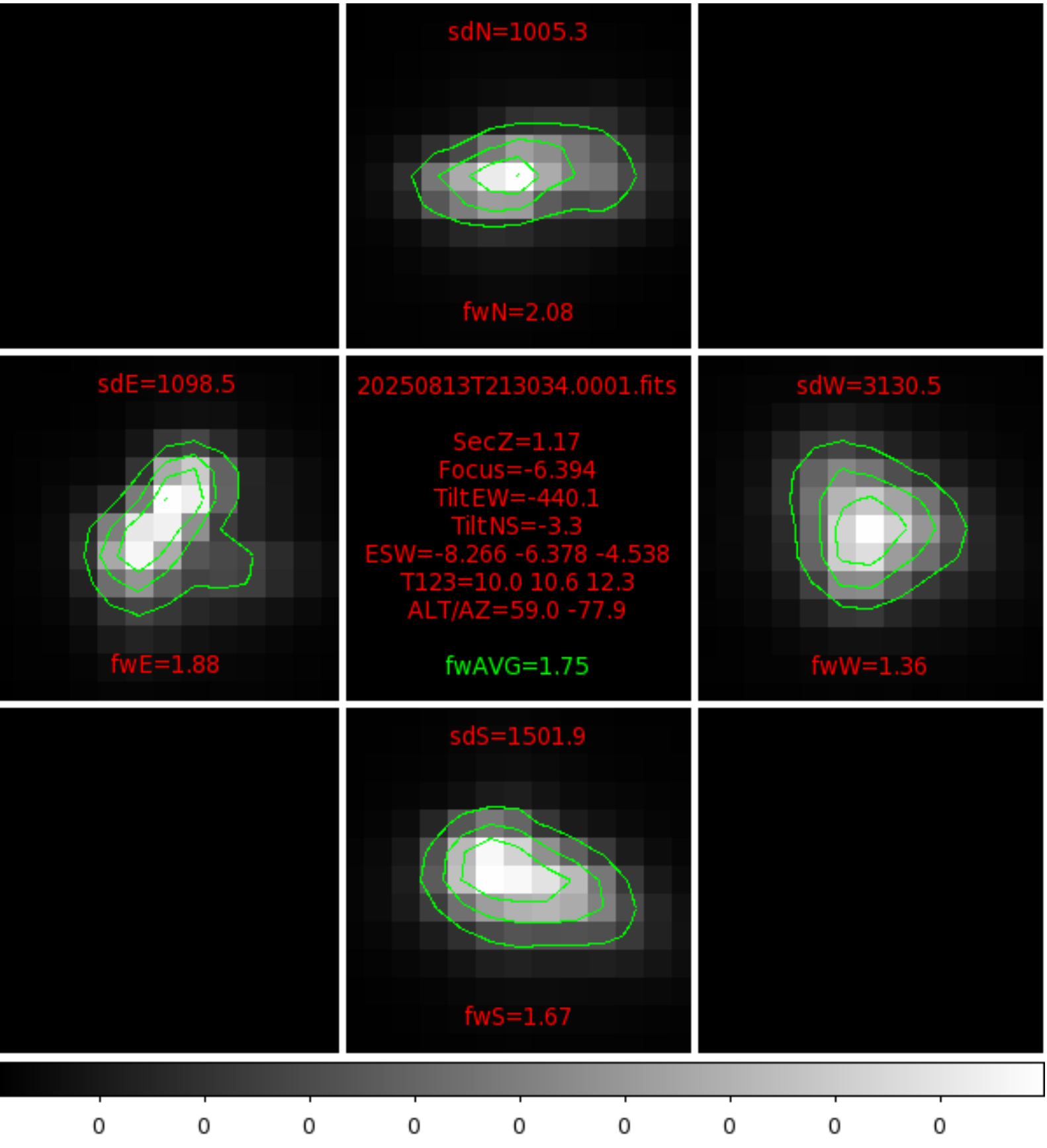
sdN=1005.3
fwN=2.08
sdE=1098.5
fwE=1.88
20250813T213034.0001.fits
SecZ=1.17
Focus=-6.394
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.266 -6.378 -4.538
T123=10.0 10.6 12.3
ALT/AZ=59.0 -77.9
fwAVG=1.75
sdW=3130.5
fwW=1.36
sdS=1501.9
fwS=1.67
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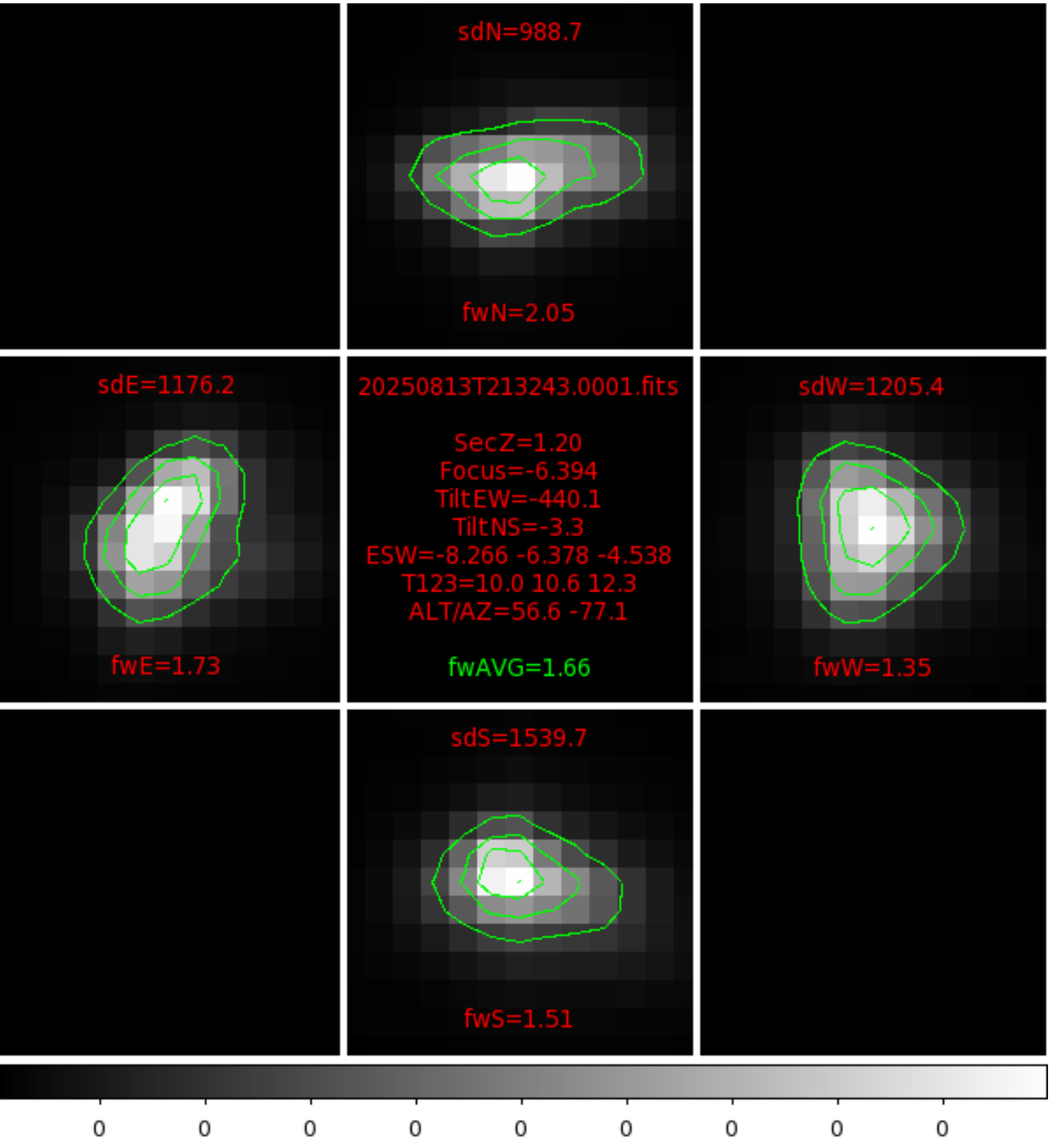
sdN=988.7
fwN=2.05
sdE=1176.2
fwE=1.73
20250813T213243.0001.fits
SecZ=1.20
Focus=-6.394
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.266 -6.378 -4.538
T123=10.0 10.6 12.3
ALT/AZ=56.6 -77.1
fwAVG=1.66
sdW=1205.4
fwW=1.35
sdS=1539.7
fwS=1.51
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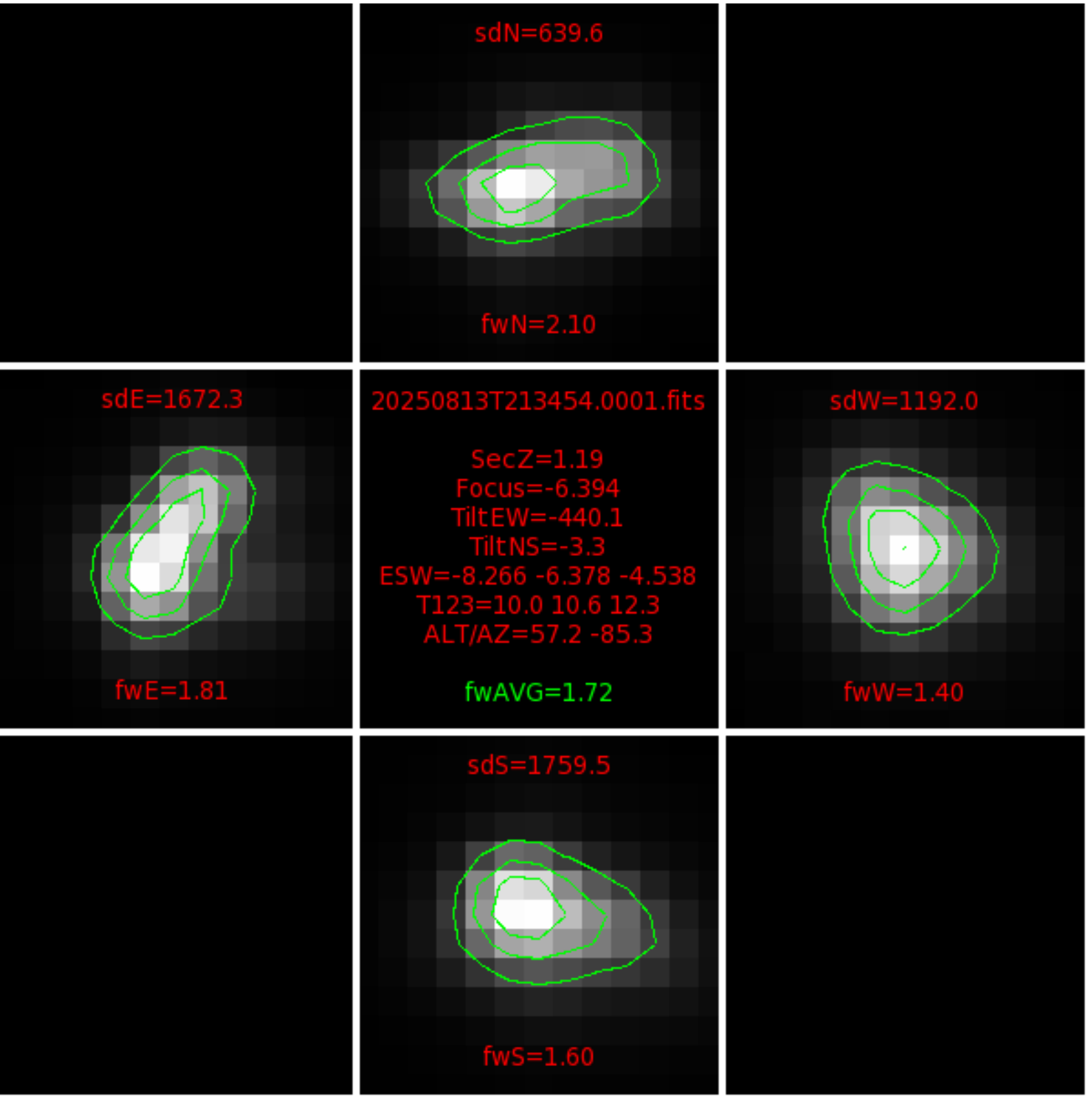
sdN=639.6
fwN=2.10
sdE=1672.3
fwE=1.81
20250813T213454.0001.fits
SecZ=1.19
Focus=-6.394
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.266 -6.378 -4.538
T123=10.0 10.6 12.3
ALT/AZ=57.2 -85.3
fwAVG=1.72
sdW=1192.0
fwW=1.40
sdS=1759.5
fwS=1.60
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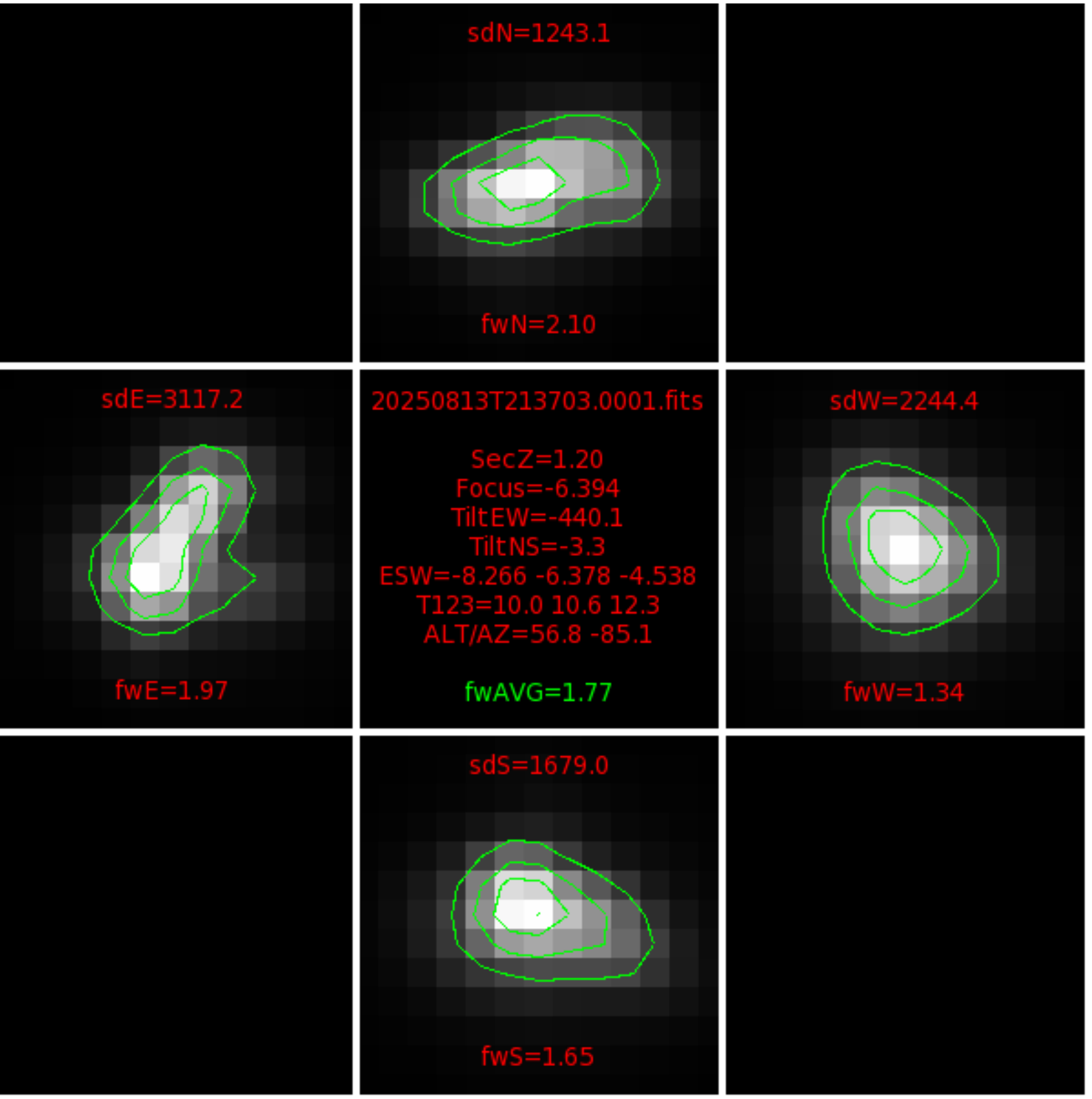
sdN=1243.1
fwN=2.10
sdE=3117.2
fwE=1.97
20250813T213703.0001.fits
SecZ=1.20
Focus=-6.394
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.266 -6.378 -4.538
T123=10.0 10.6 12.3
ALT/AZ=56.8 -85.1
fwAVG=1.77
sdW=2244.4
fwW=1.34
sdS=1679.0
fwS=1.65
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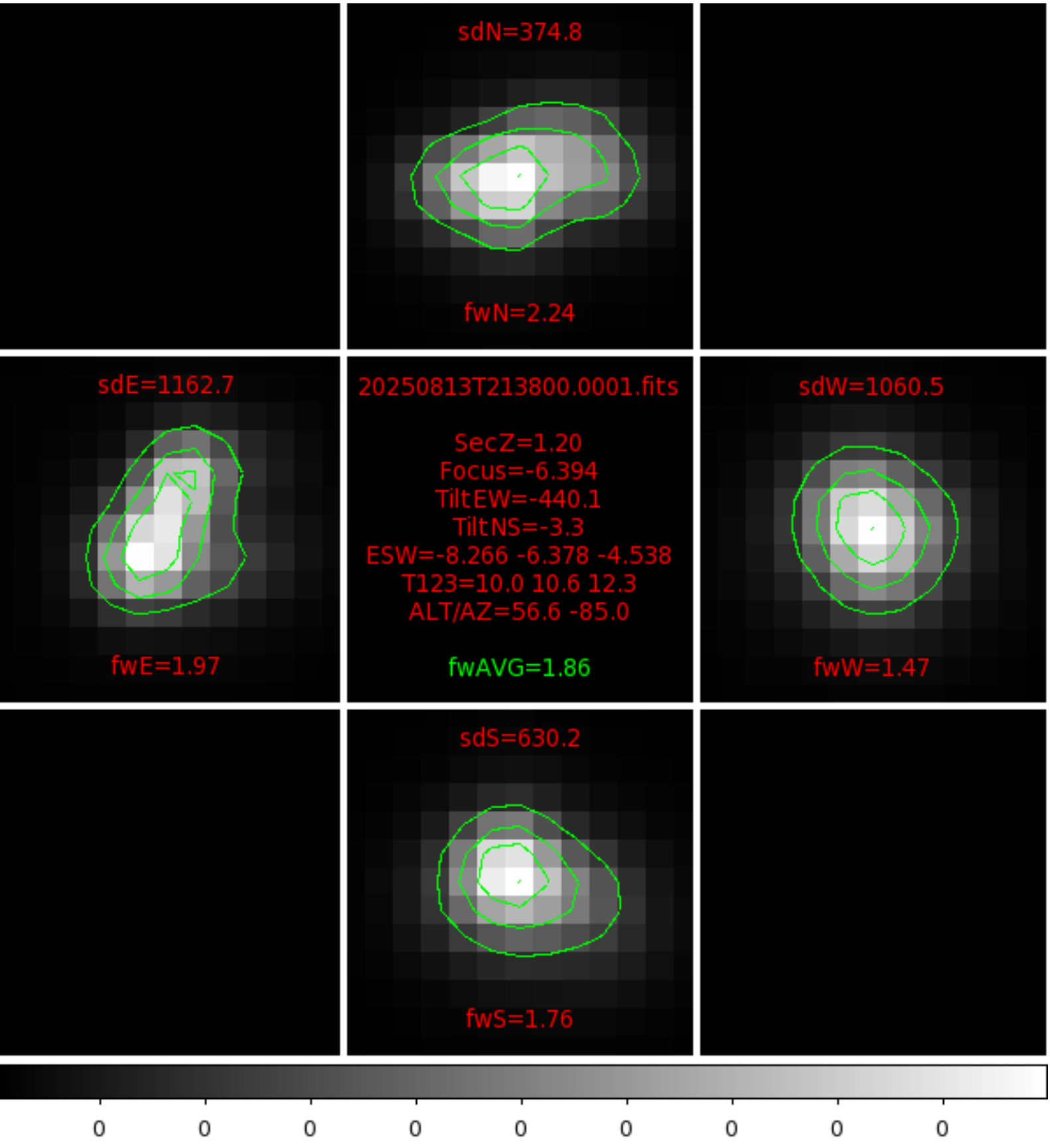
sdN=374.8
fwN=2.24
sdE=1162.7
fwE=1.97
20250813T213800.0001.fits
SecZ=1.20
Focus=-6.394
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.266 -6.378 -4.538
T123=10.0 10.6 12.3
ALT/AZ=56.6 -85.0
fwAVG=1.86
sdW=1060.5
fwW=1.47
sdS=630.2
fwS=1.76
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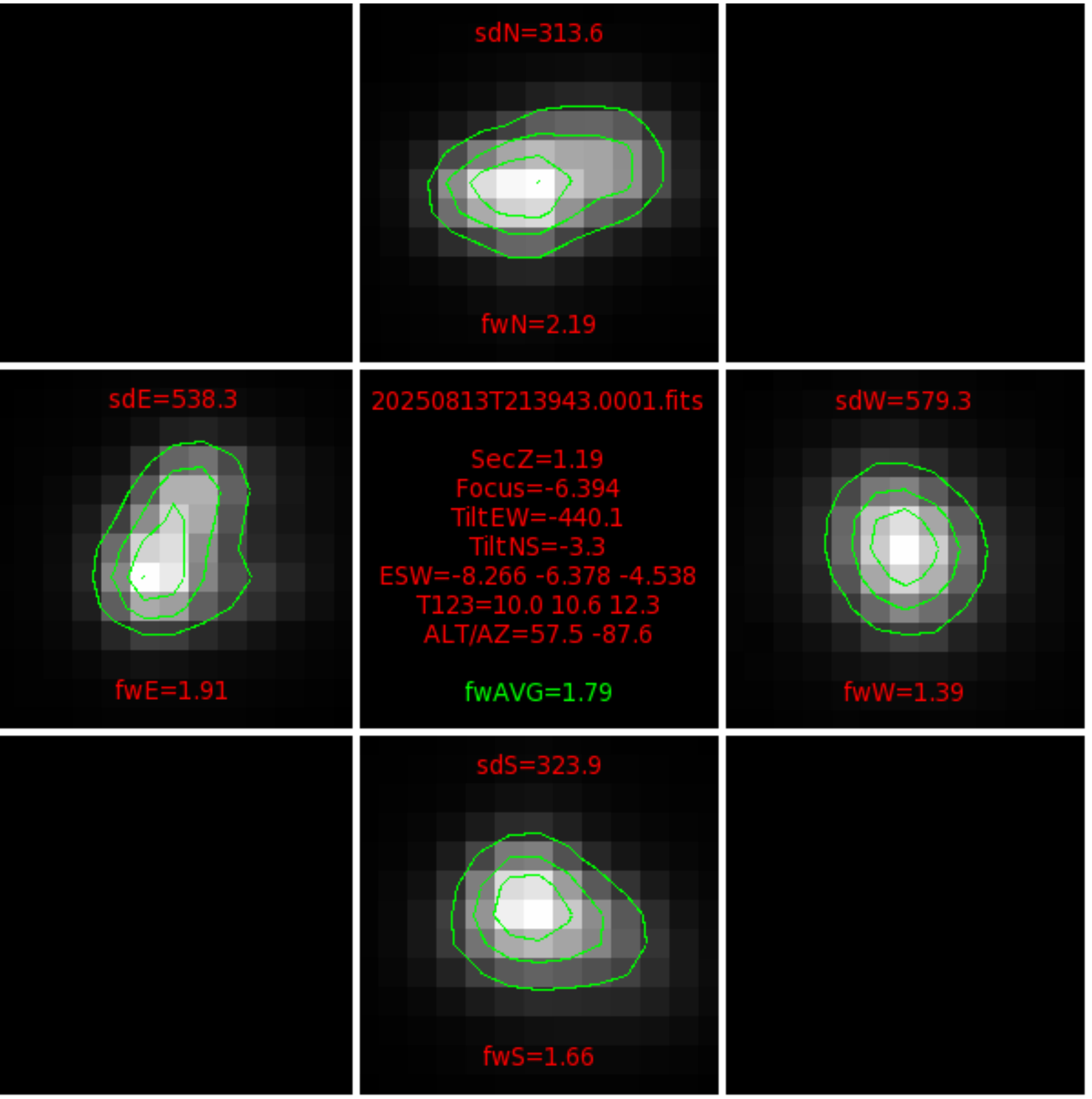
sdN=313.6
fwN=2.19
sdE=538.3
fwE=1.91
20250813T213943.0001.fits
SecZ=1.19
Focus=-6.394
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.266 -6.378 -4.538
T123=10.0 10.6 12.3
ALT/AZ=57.5 -87.6
fwAVG=1.79
sdW=579.3
fwW=1.39
sdS=323.9
fwS=1.66
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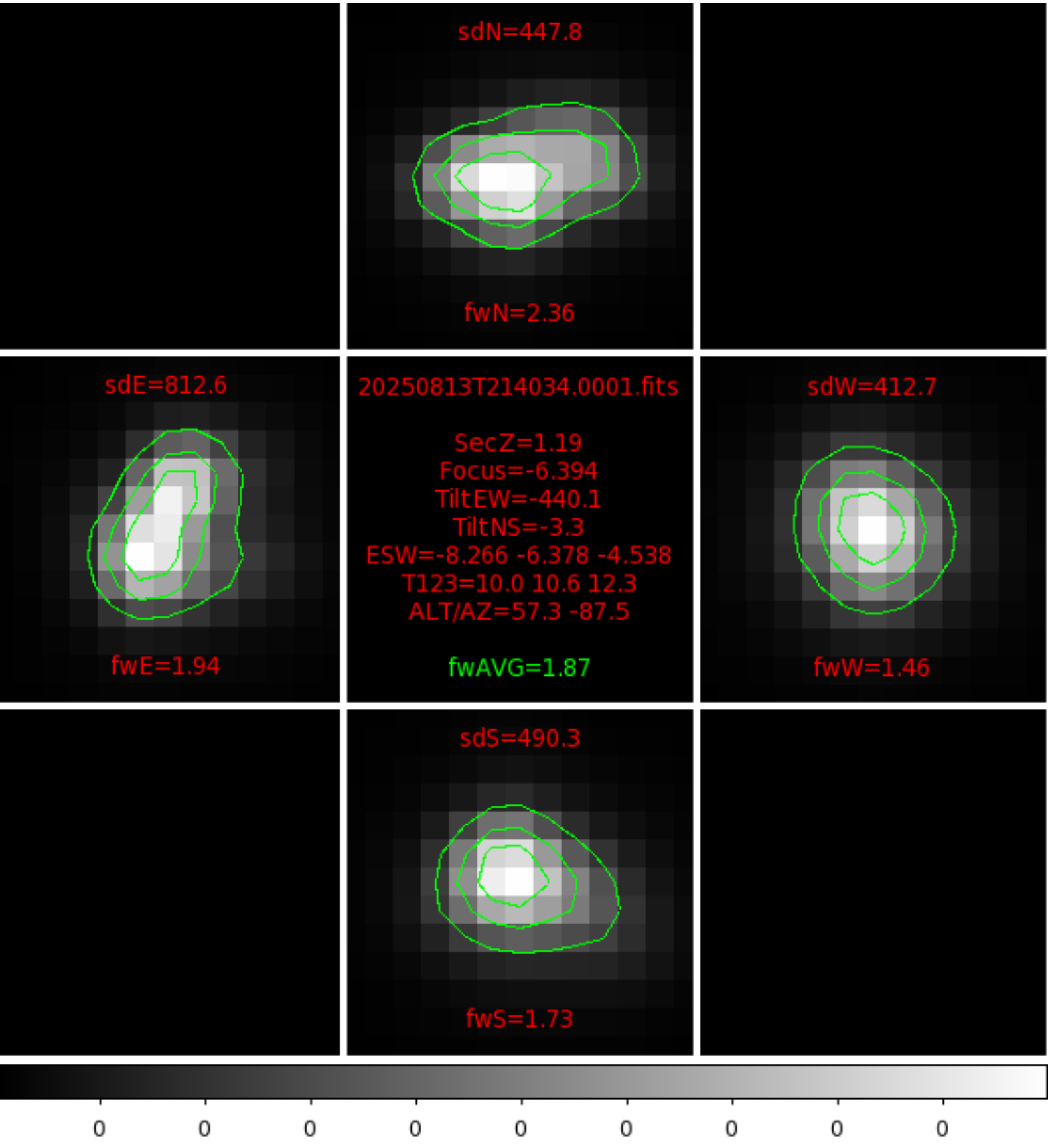
sdN=447.8
fwN=2.36
sdE=812.6
fwE=1.94
20250813T214034.0001.fits
SecZ=1.19
Focus=-6.394
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.266 -6.378 -4.538
T123=10.0 10.6 12.3
ALT/AZ=57.3 -87.5
fwAVG=1.87
sdW=412.7
fwW=1.46
sdS=490.3
fwS=1.73
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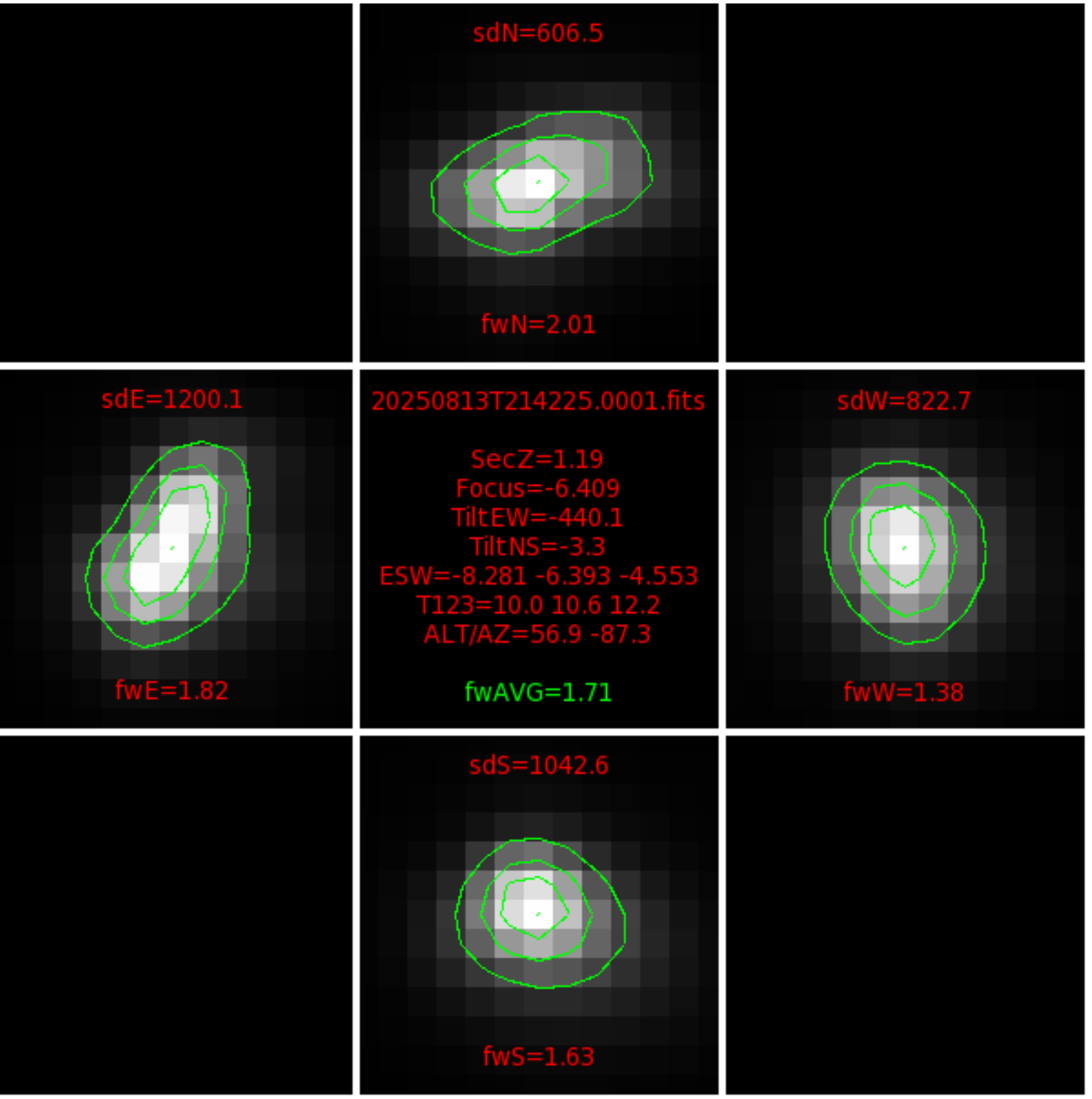
sdN=606.5
fwN=2.01
sdE=1200.1
fwE=1.82
20250813T214225.0001.fits
SecZ=1.19
Focus=-6.409
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.281 -6.393 -4.553
T123=10.0 10.6 12.2
ALT/AZ=56.9 -87.3
fwAVG=1.71
sdW=822.7
fwW=1.38
sdS=1042.6
fwS=1.63
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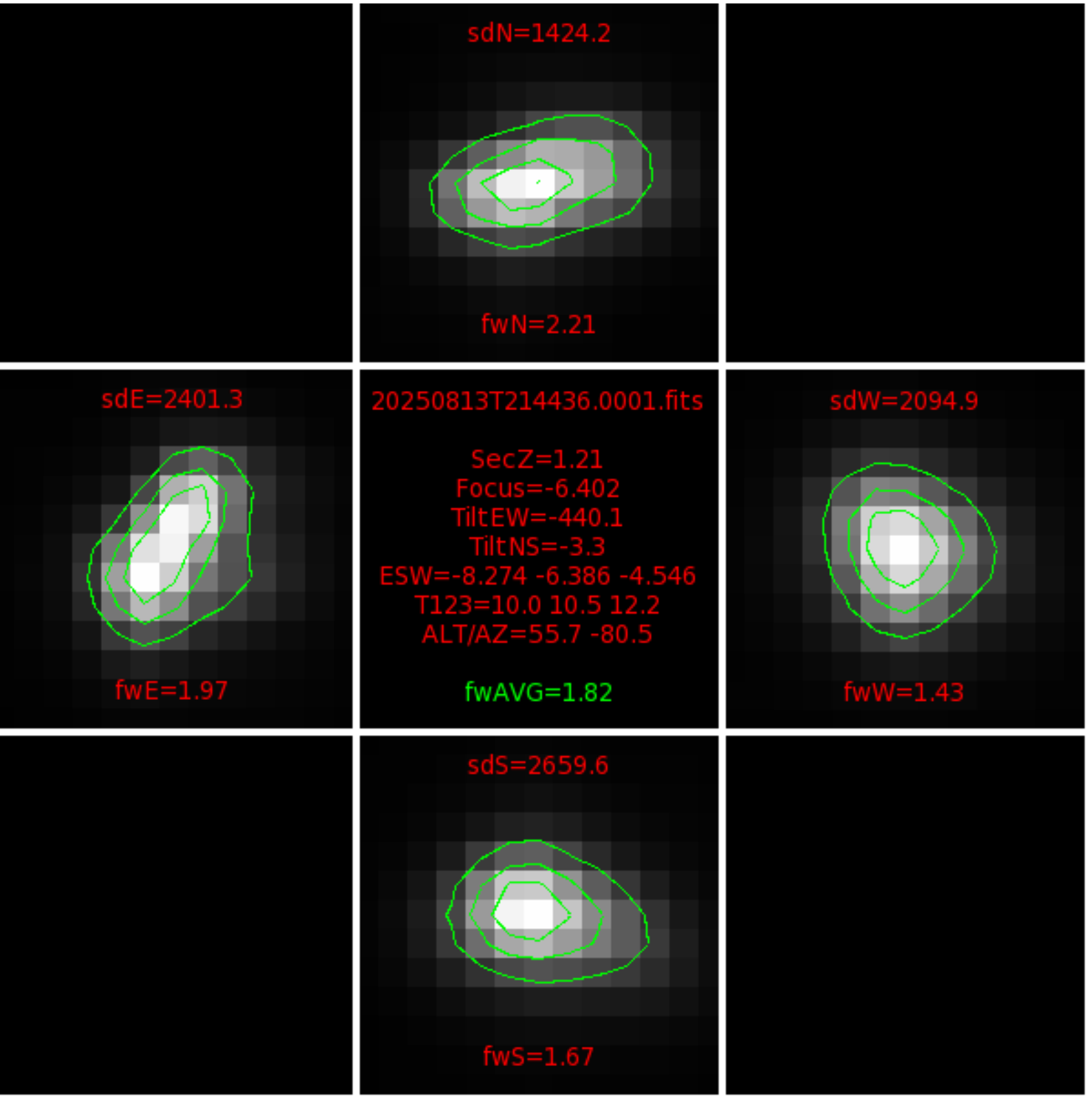
sdN=1424.2
fwN=2.21
sdE=2401.3
fwE=1.97
20250813T214436.0001.fits
SecZ=1.21
Focus=-6.402
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.274 -6.386 -4.546
T123=10.0 10.5 12.2
ALT/AZ=55.7 -80.5
fwAVG=1.82
sdW=2094.9
fwW=1.43
sdS=2659.6
fwS=1.67
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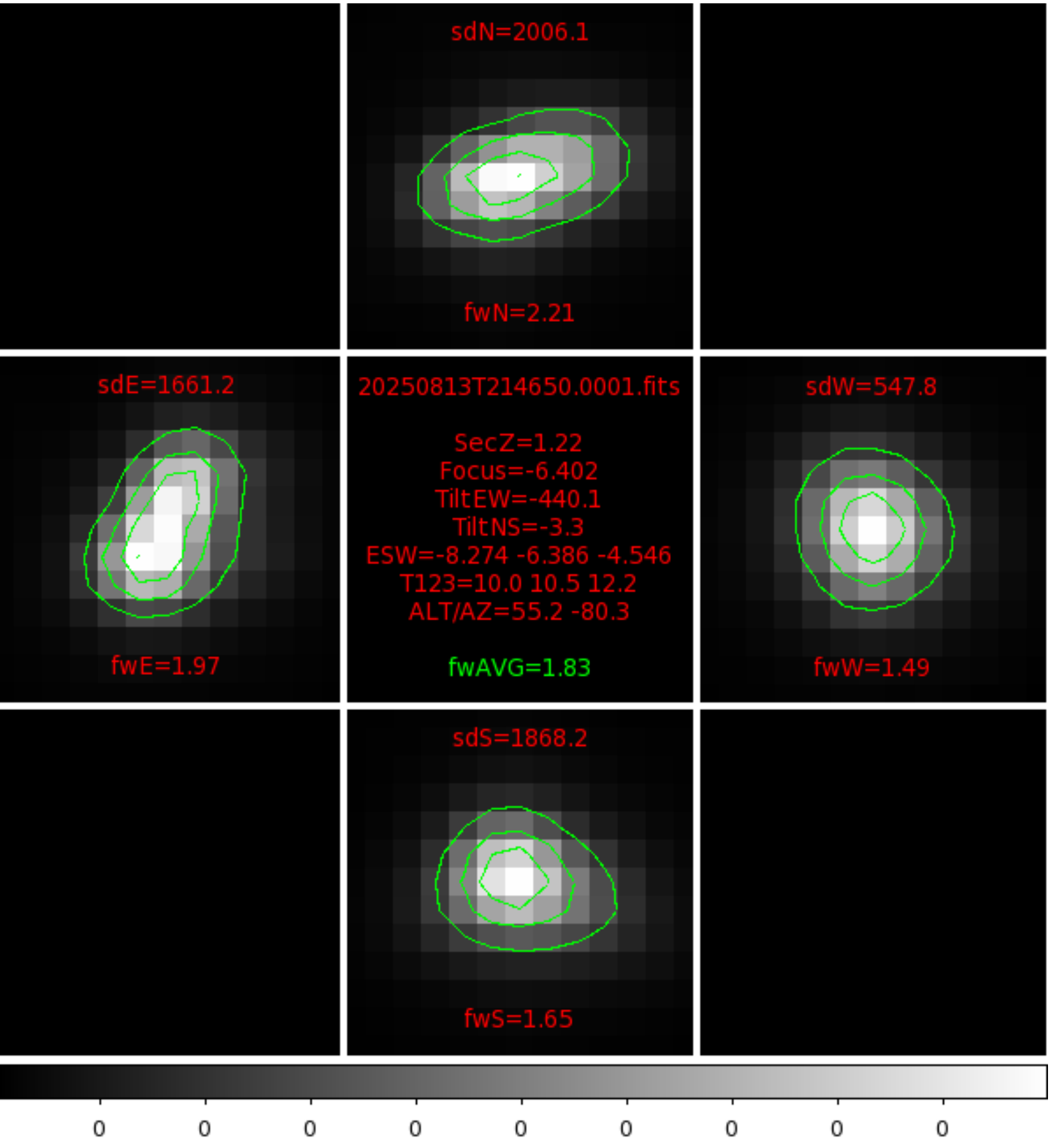
sdN=2006.1
fwN=2.21
sdE=1661.2
fwE=1.97
20250813T214650.0001.fits
SecZ=1.22
Focus=-6.402
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.274 -6.386 -4.546
T123=10.0 10.5 12.2
ALT/AZ=55.2 -80.3
fwAVG=1.83
sdW=547.8
fwW=1.49
sdS=1868.2
fwS=1.65
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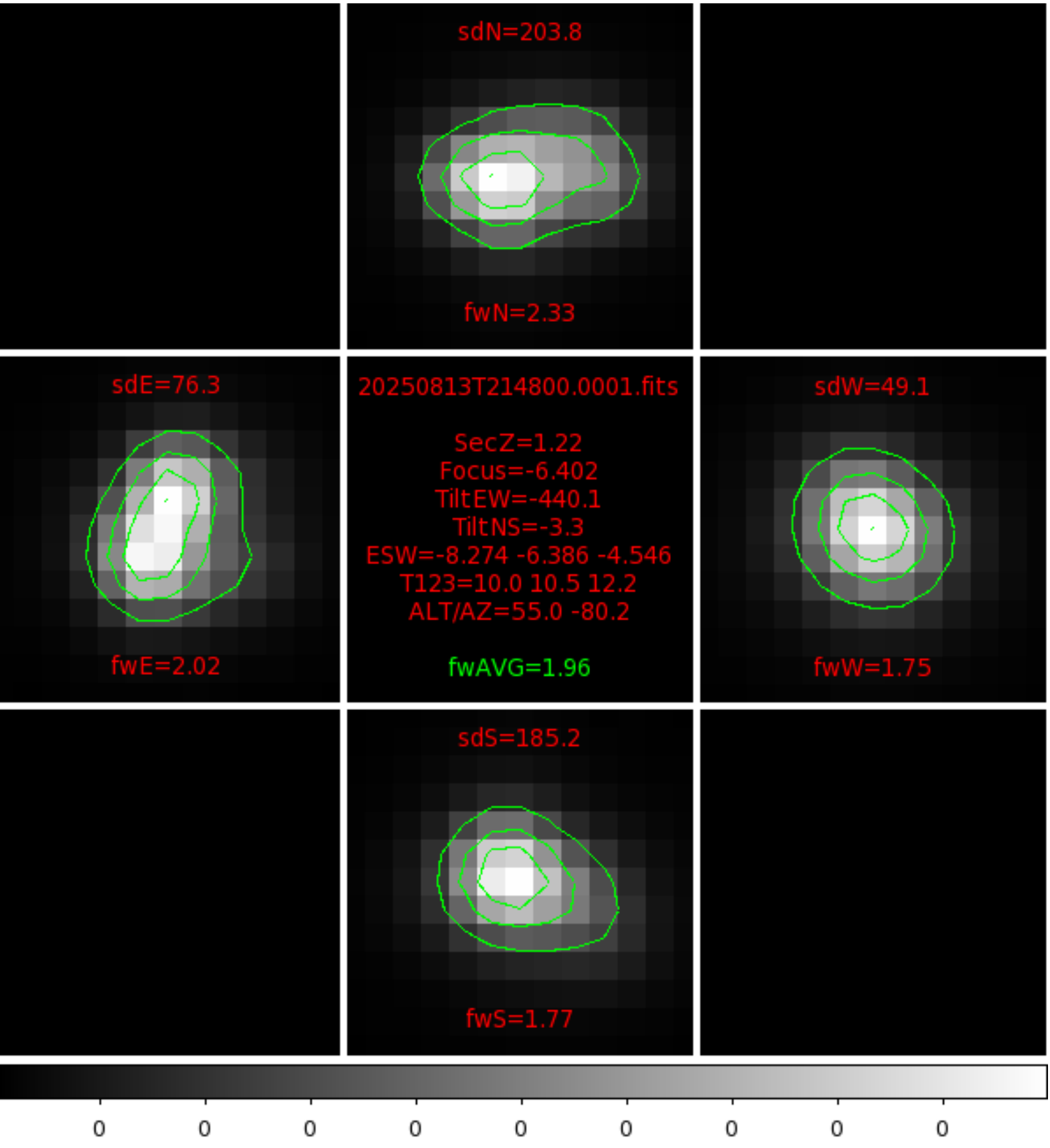
sdN=203.8
fwN=2.33
sdE=76.3
fwE=2.02
20250813T214800.0001.fits
SecZ=1.22
Focus=-6.402
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.274 -6.386 -4.546
T123=10.0 10.5 12.2
ALT/AZ=55.0 -80.2
fwAVG=1.96
sdW=49.1
fwW=1.75
sdS=185.2
fwS=1.77
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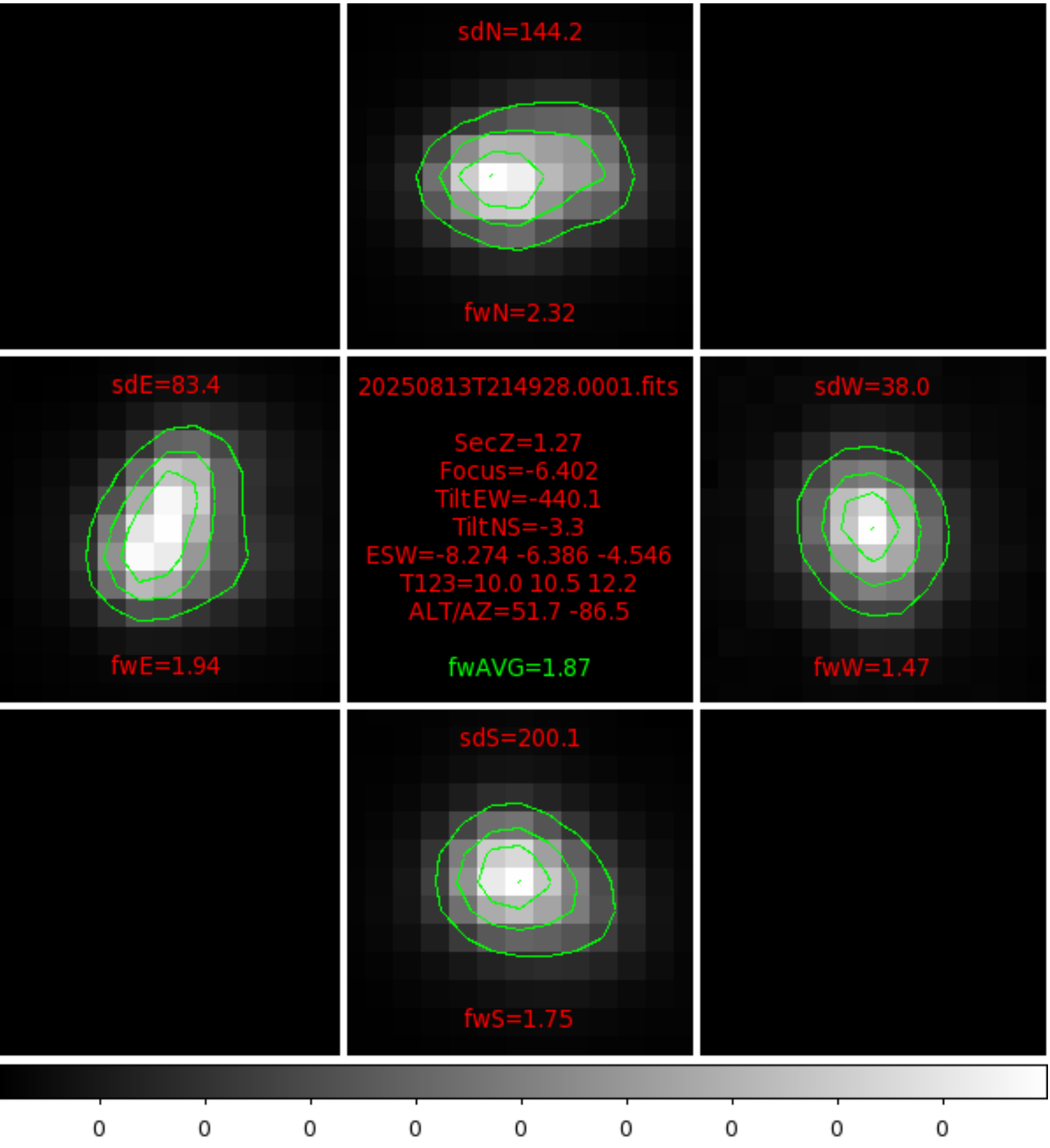
sdN=144.2
fwN=2.32
sdE=83.4
fwE=1.94
20250813T214928.0001.fits
SecZ=1.27
Focus=-6.402
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.274 -6.386 -4.546
T123=10.0 10.5 12.2
ALT/AZ=51.7 -86.5
fwAVG=1.87
sdW=38.0
fwW=1.47
sdS=200.1
fwS=1.75
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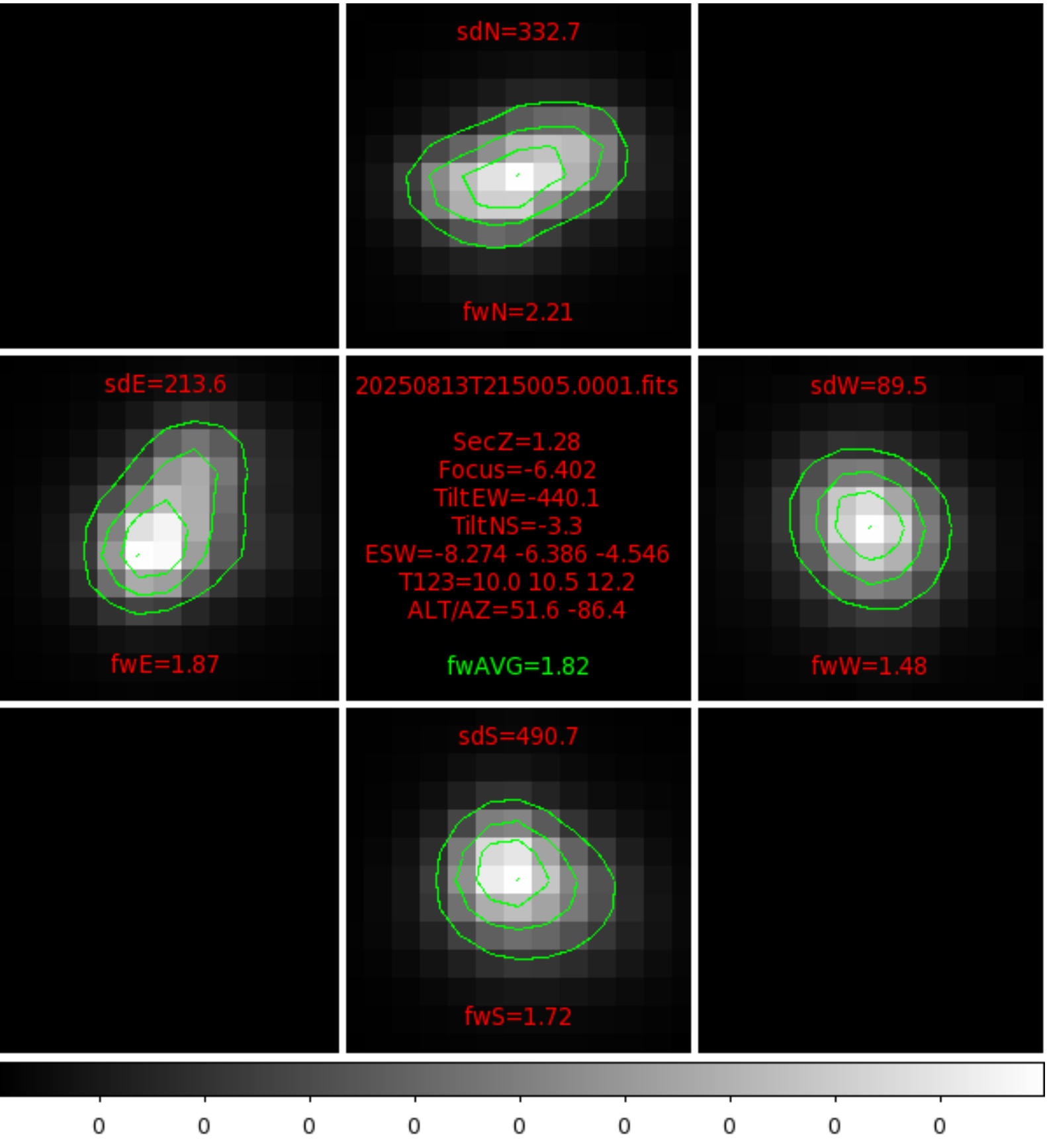
sdN=332.7
fwN=2.21
sdE=213.6
fwE=1.87
20250813T215005.0001.fits
SecZ=1.28
Focus=-6.402
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.274 -6.386 -4.546
T123=10.0 10.5 12.2
ALT/AZ=51.6 -86.4
fwAVG=1.82
sdW=89.5
fwW=1.48
sdS=490.7
fwS=1.72
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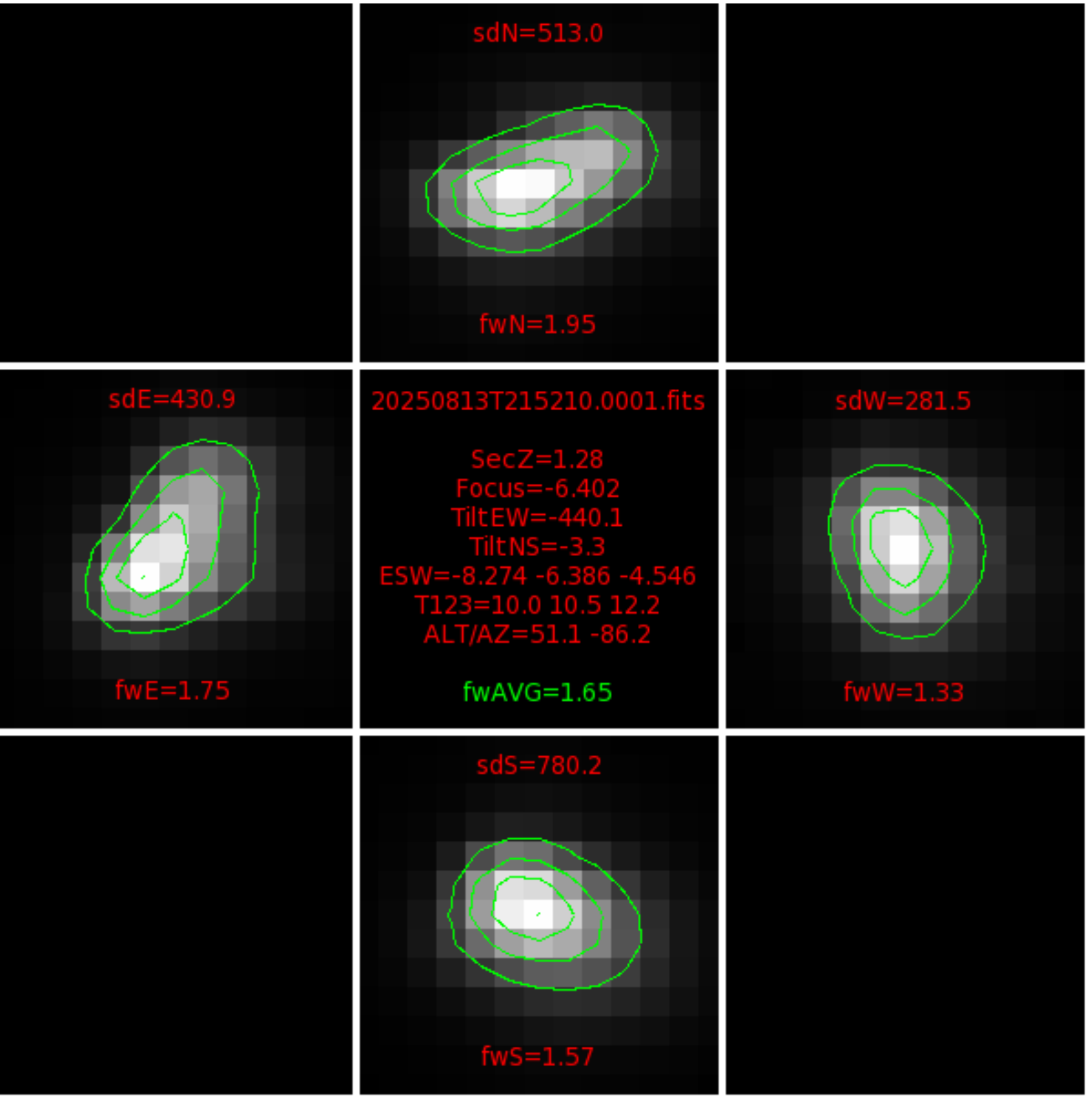
sdN=513.0
fwN=1.95
sdE=430.9
fwE=1.75
20250813T215210.0001.fits
SecZ=1.28
Focus=-6.402
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.274 -6.386 -4.546
T123=10.0 10.5 12.2
ALT/AZ=51.1 -86.2
fwAVG=1.65
sdW=281.5
fwW=1.33
sdS=780.2
fwS=1.57
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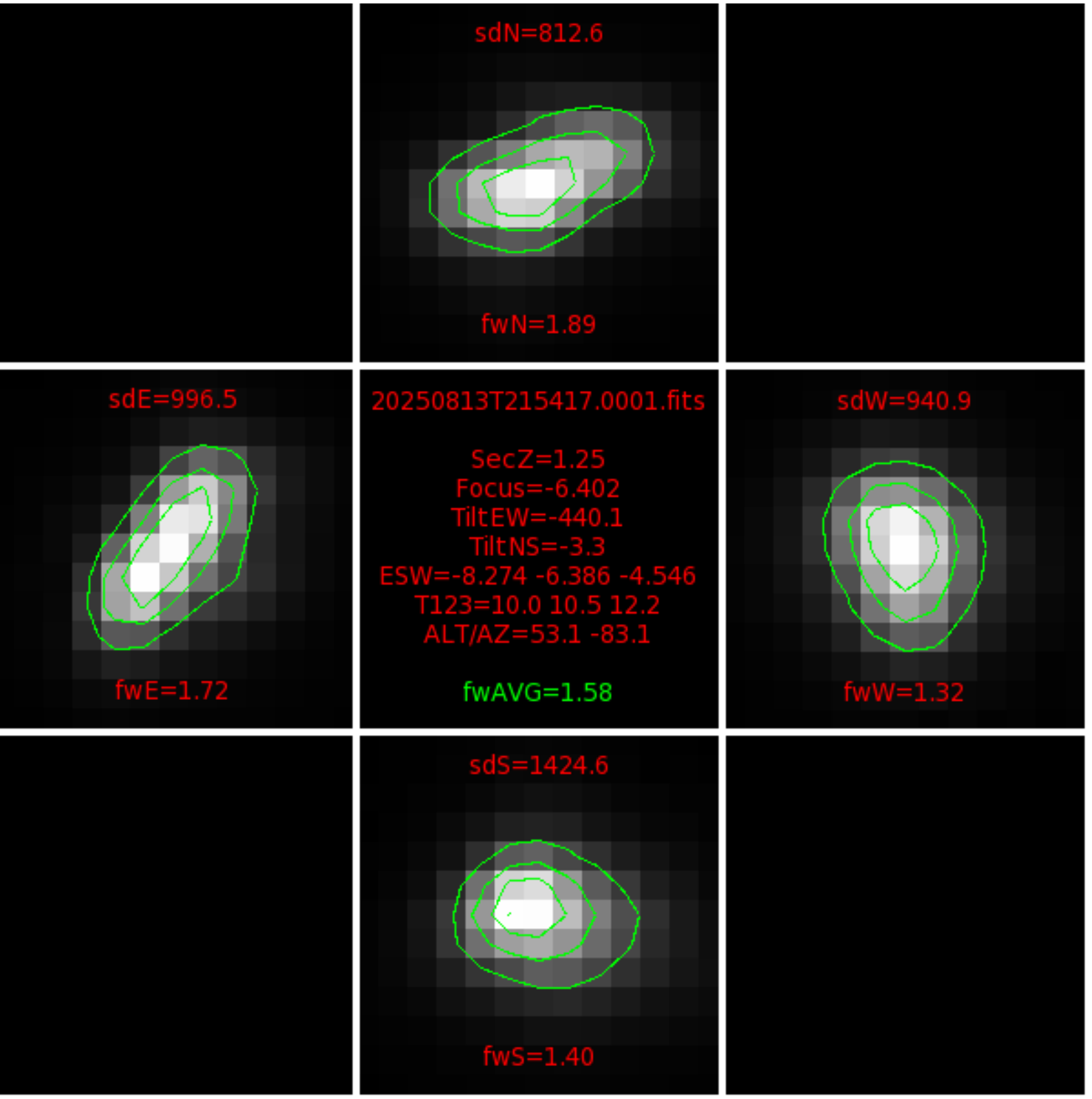
sdN=812.6
fwN=1.89
sdE=996.5
fwE=1.72
20250813T215417.0001.fits
SecZ=1.25
Focus=-6.402
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.274 -6.386 -4.546
T123=10.0 10.5 12.2
ALT/AZ=53.1 -83.1
fwAVG=1.58
sdW=940.9
fwW=1.32
sdS=1424.6
fwS=1.40
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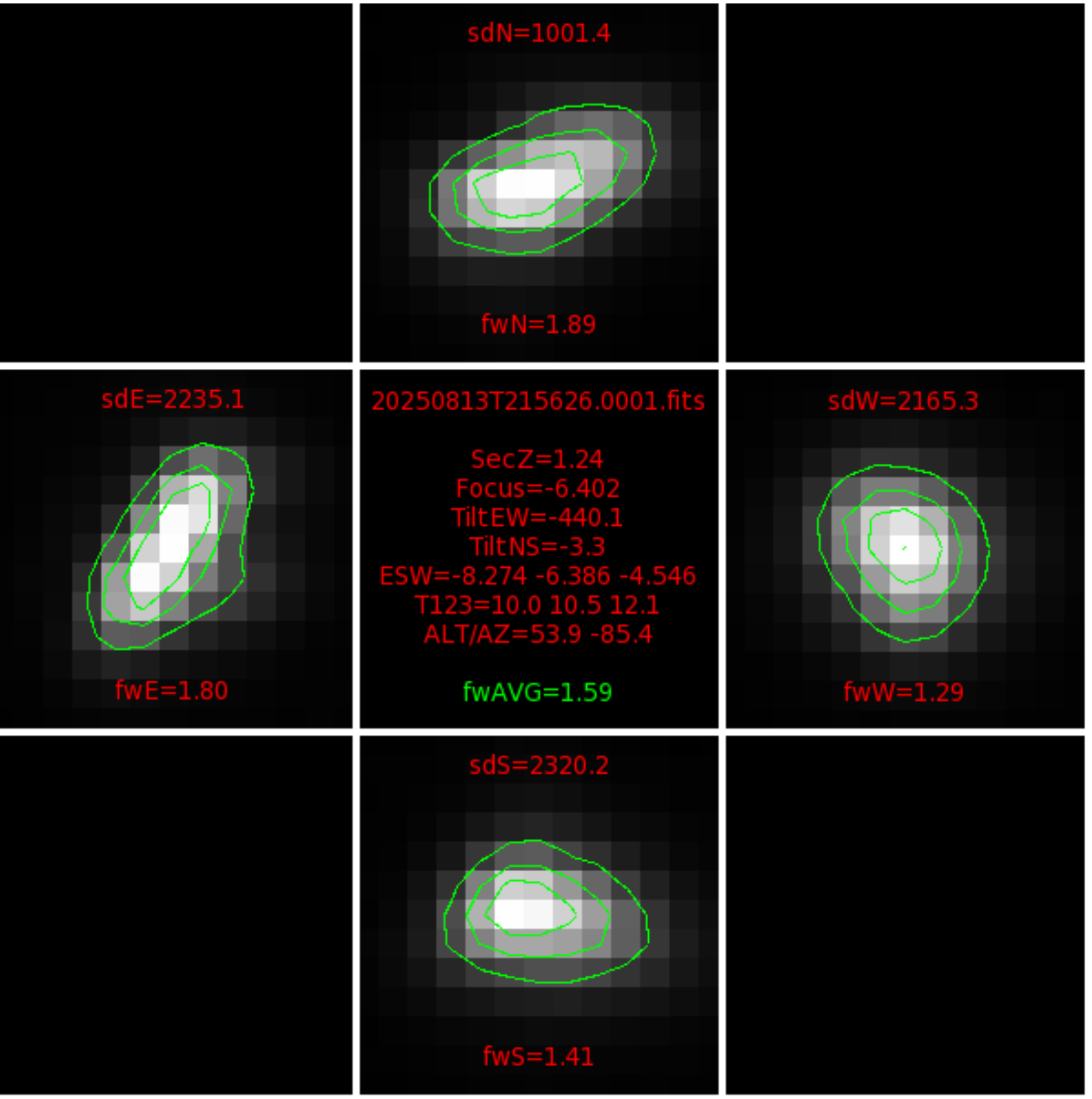
sdN=1001.4
fwN=1.89
sdE=2235.1
fwE=1.80
20250813T215626.0001.fits
SecZ=1.24
Focus=-6.402
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.274 -6.386 -4.546
T123=10.0 10.5 12.1
ALT/AZ=53.9 -85.4
fwAVG=1.59
sdW=2165.3
fwW=1.29
sdS=2320.2
fwS=1.41
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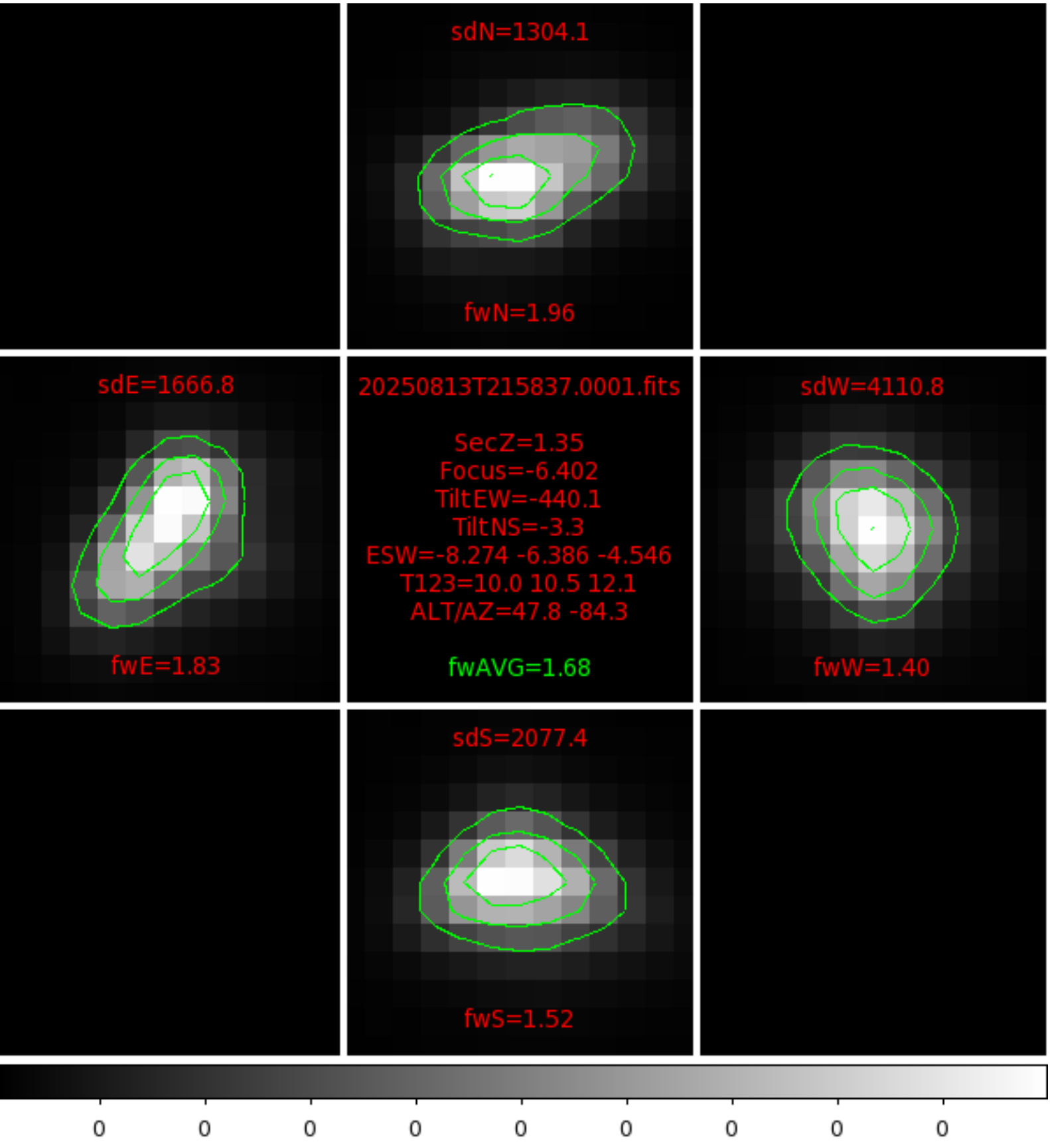
sdN=1304.1
fwN=1.96
sdE=1666.8
fwE=1.83
20250813T215837.0001.fits
SecZ=1.35
Focus=-6.402
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.274 -6.386 -4.546
T123=10.0 10.5 12.1
ALT/AZ=47.8 -84.3
fwAVG=1.68
sdW=4110.8
fwW=1.40
sdS=2077.4
fwS=1.52
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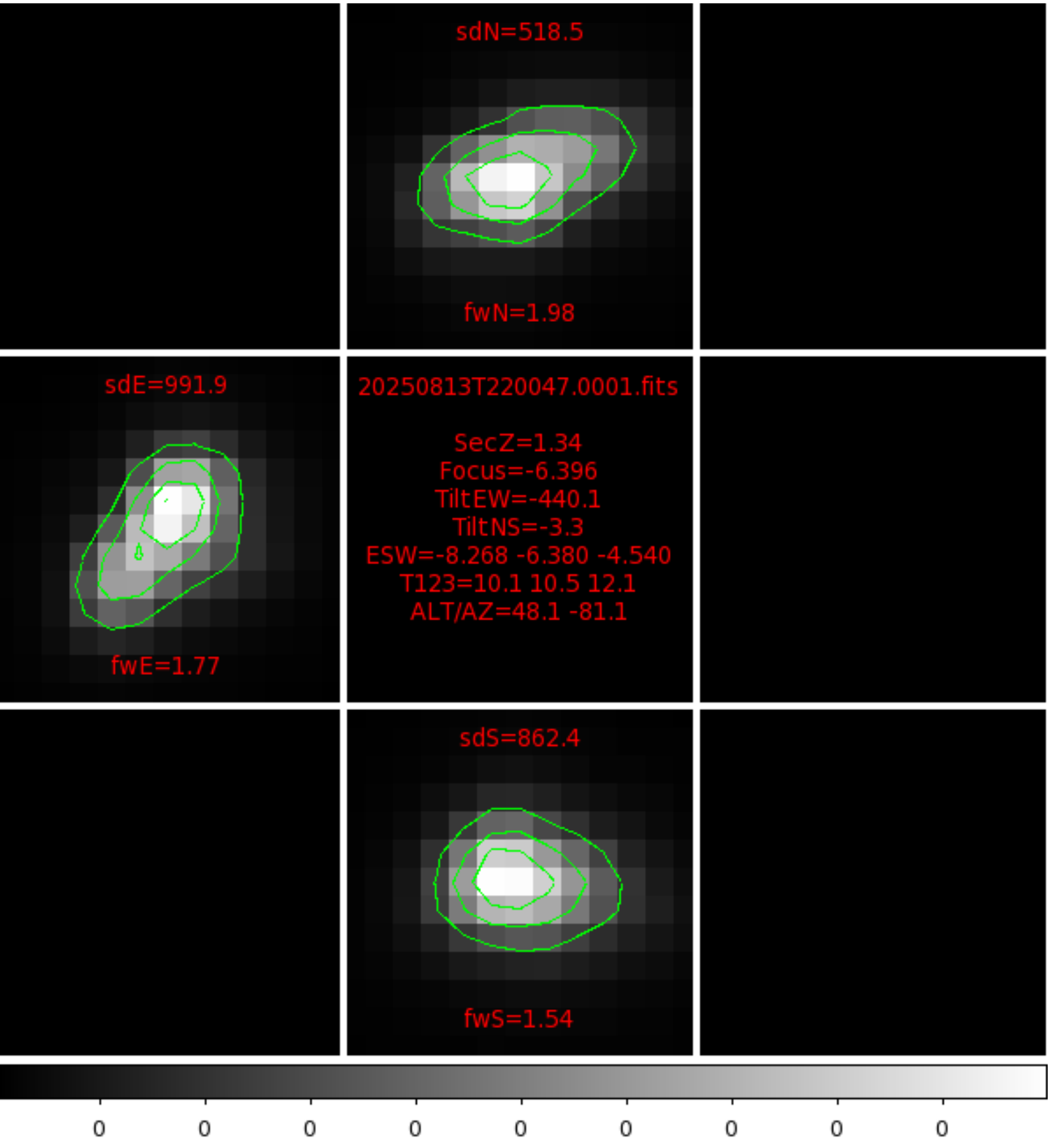
sdN=518.5
fwN=1.98
sdE=991.9
fwE=1.77
20250813T220047.0001.fits
SecZ=1.34
Focus=-6.396
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.268 -6.380 -4.540
T123=10.1 10.5 12.1
ALT/AZ=48.1 -81.1
sdS=862.4
fwS=1.54
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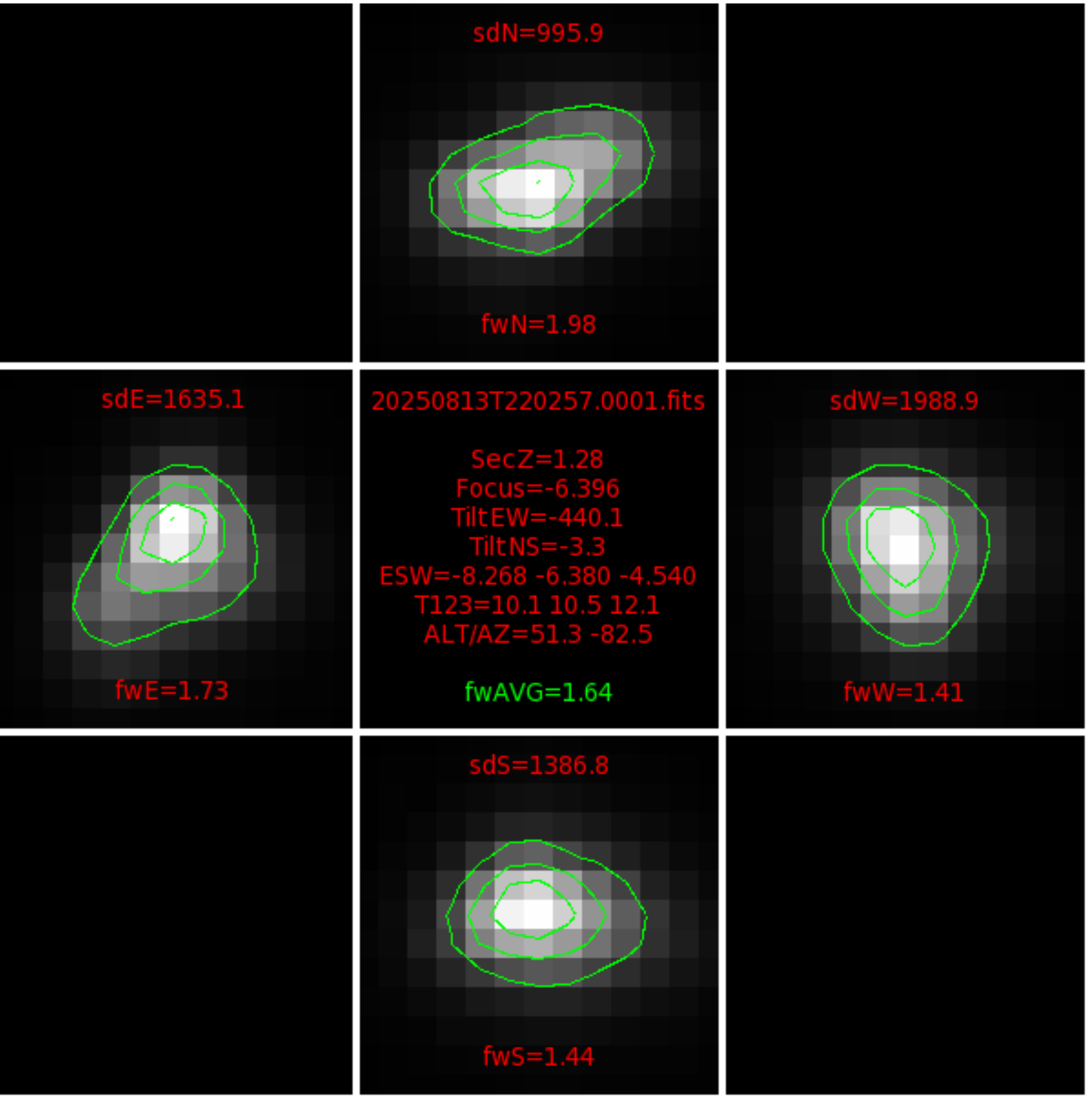
sdN=995.9
fwN=1.98
sdE=1635.1
fwE=1.73
20250813T220257.0001.fits
SecZ=1.28
Focus=-6.396
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.268 -6.380 -4.540
T123=10.1 10.5 12.1
ALT/AZ=51.3 -82.5
fwAVG=1.64
sdW=1988.9
fwW=1.41
sdS=1386.8
fwS=1.44
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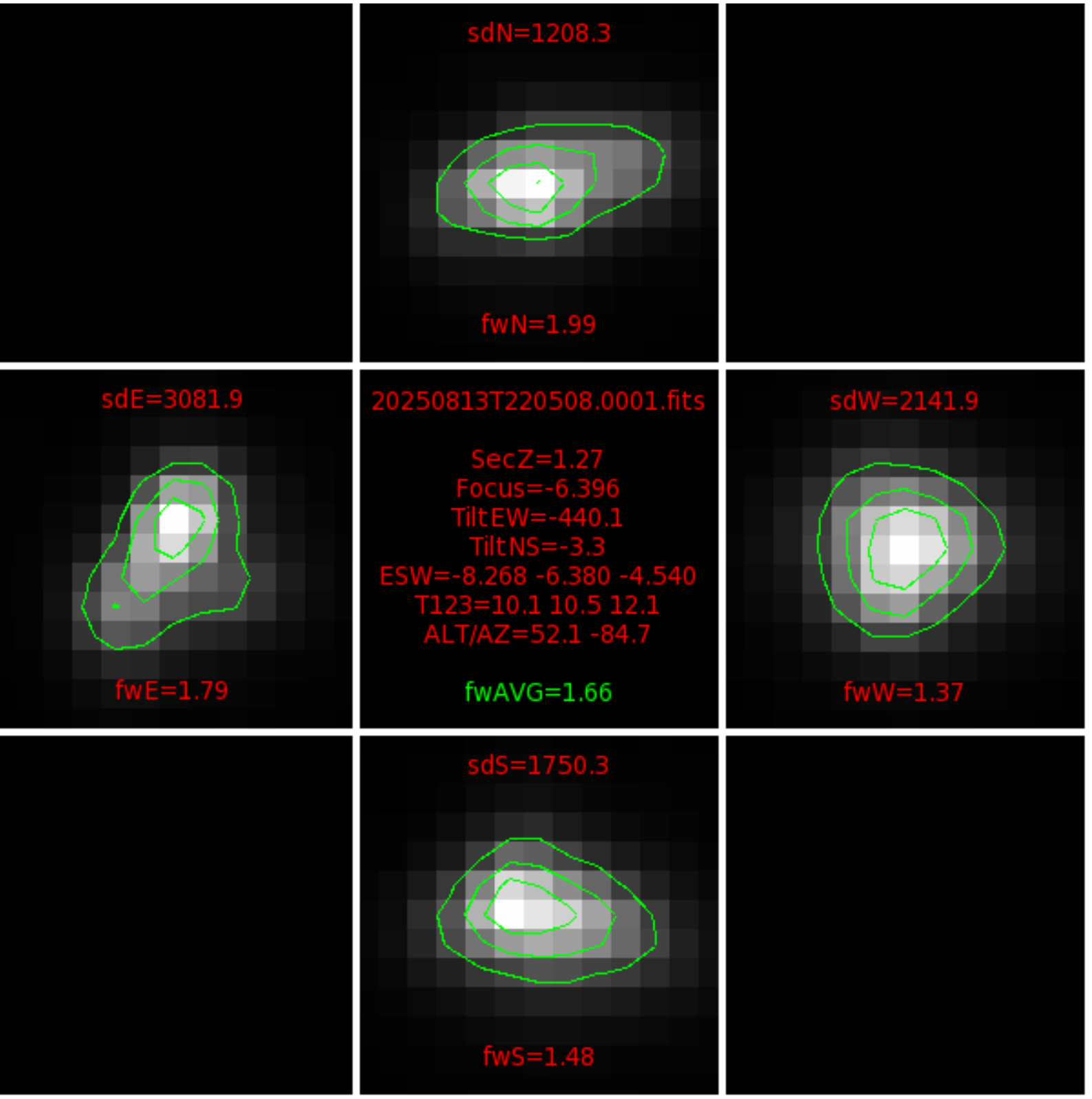
sdN=1208.3
fwN=1.99
sdE=3081.9
fwE=1.79
20250813T220508.0001.fits
SecZ=1.27
Focus=-6.396
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.268 -6.380 -4.540
T123=10.1 10.5 12.1
ALT/AZ=52.1 -84.7
fwAVG=1.66
sdW=2141.9
fwW=1.37
sdS=1750.3
fwS=1.48
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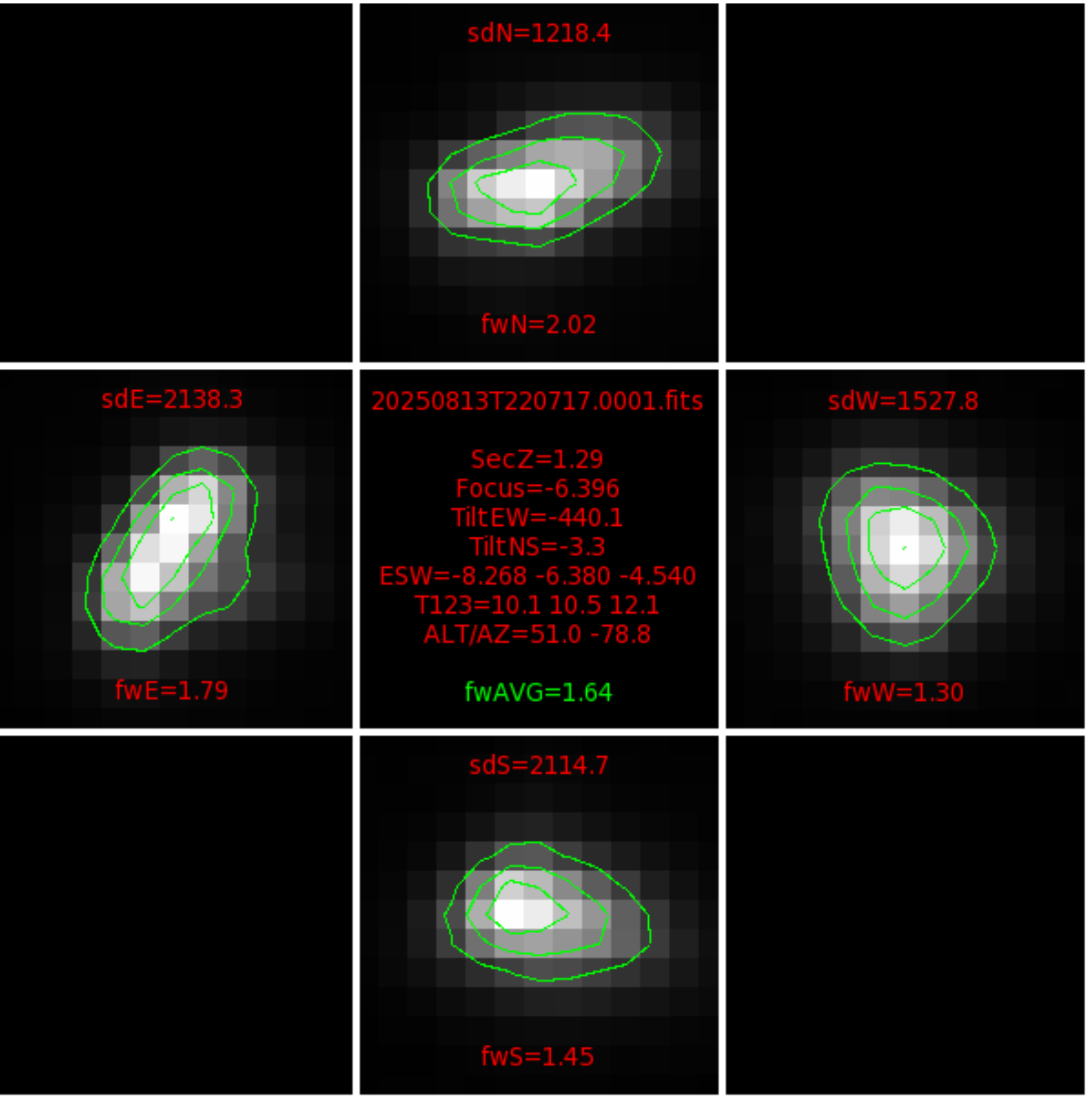
sdN=1218.4
fwN=2.02
sdE=2138.3
fwE=1.79
20250813T220717.0001.fits
SecZ=1.29
Focus=-6.396
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.268 -6.380 -4.540
T123=10.1 10.5 12.1
ALT/AZ=51.0 -78.8
fwAVG=1.64
sdW=1527.8
fwW=1.30
sdS=2114.7
fwS=1.45
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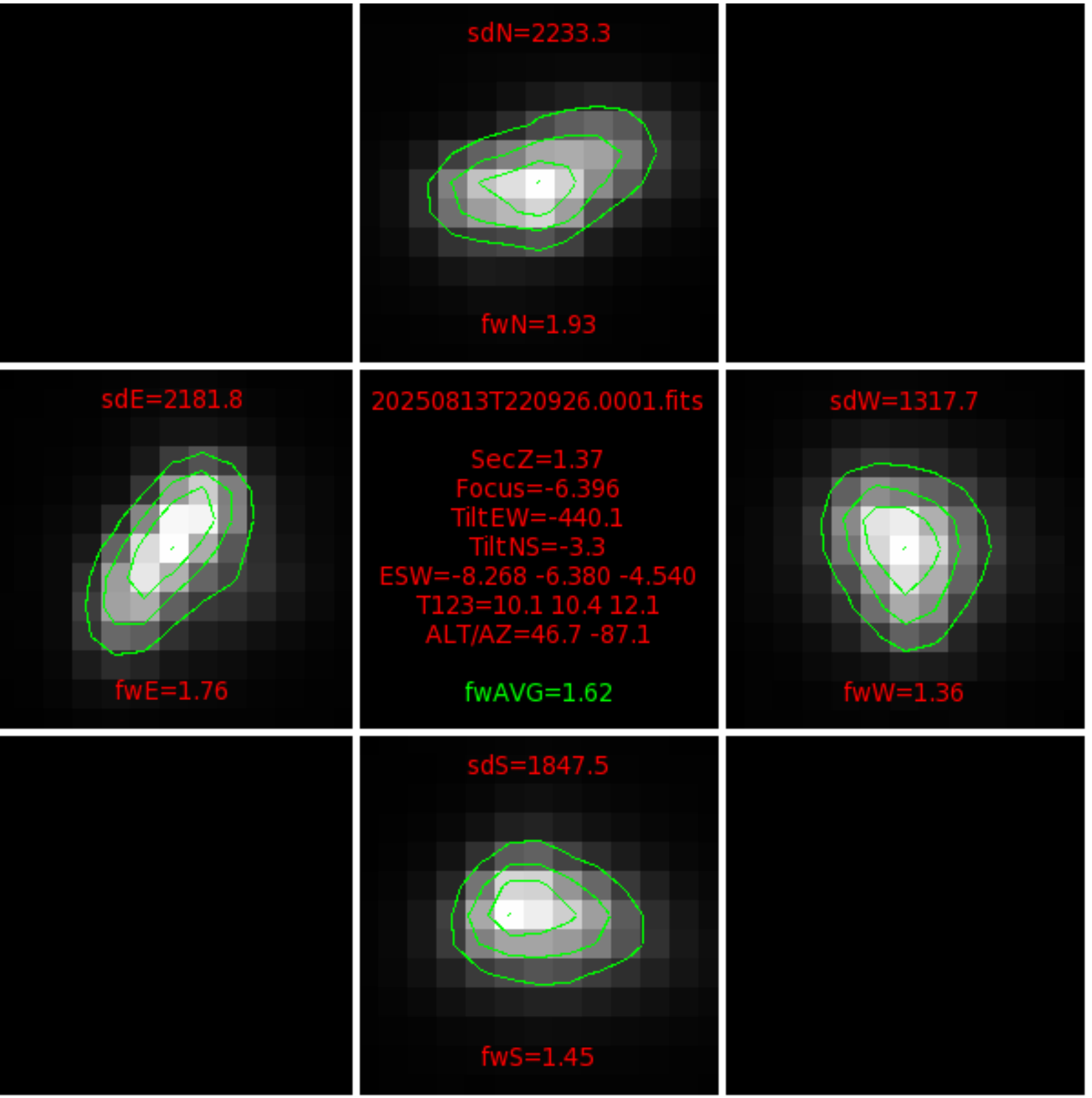
sdN=2233.3
fwN=1.93
sdE=2181.8
fwE=1.76
20250813T220926.0001.fits
SecZ=1.37
Focus=-6.396
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.268 -6.380 -4.540
T123=10.1 10.4 12.1
ALT/AZ=46.7 -87.1
fwAVG=1.62
sdW=1317.7
fwW=1.36
sdS=1847.5
fwS=1.45
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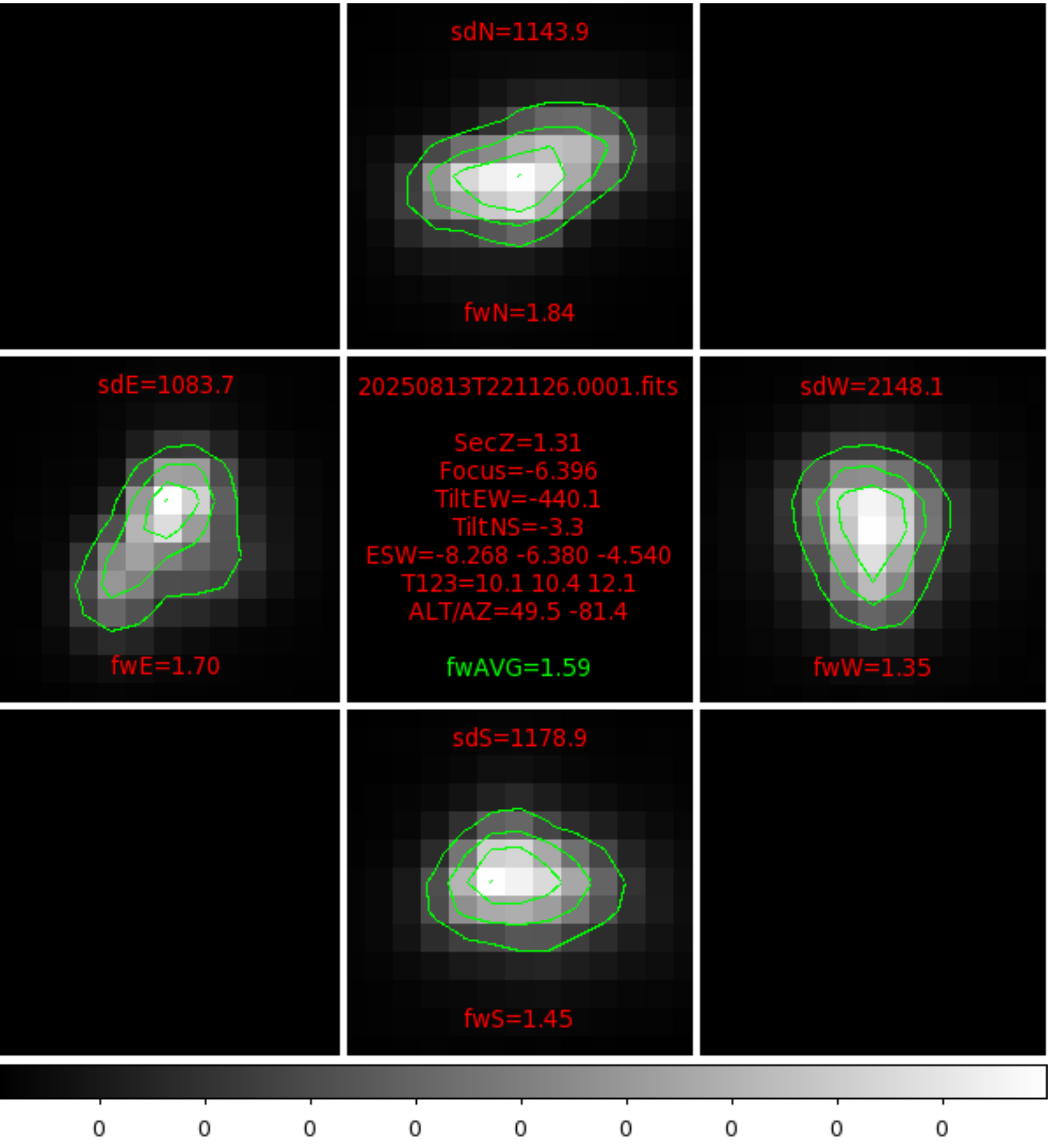
sdN=1143.9
fwN=1.84
sdE=1083.7
fwE=1.70
20250813T221126.0001.fits
SecZ=1.31
Focus=-6.396
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.268 -6.380 -4.540
T123=10.1 10.4 12.1
ALT/AZ=49.5 -81.4
fwAVG=1.59
sdW=2148.1
fwW=1.35
sdS=1178.9
fwS=1.45
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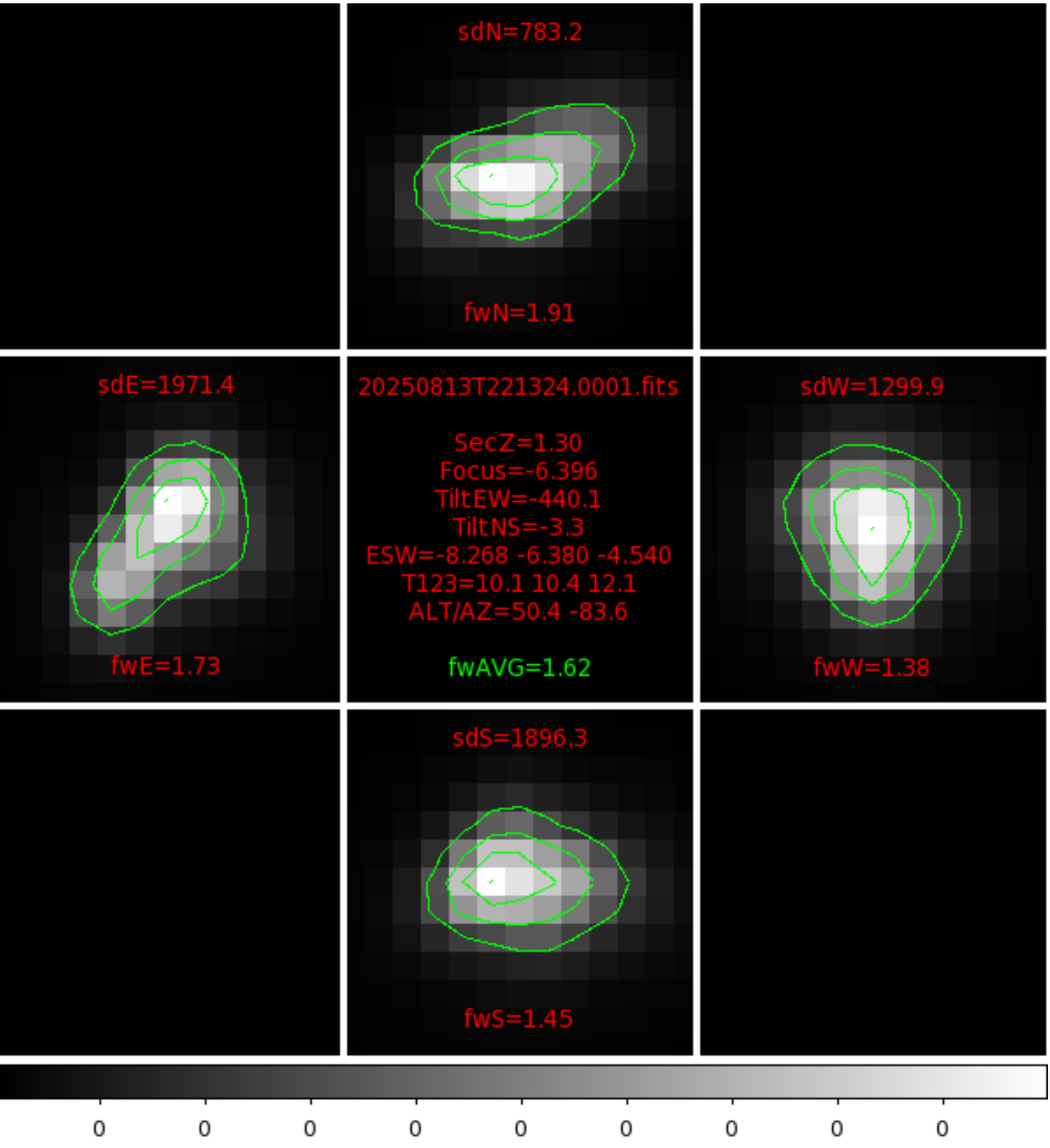
sdN=783.2
fwN=1.91
sdE=1971.4
fwE=1.73
20250813T221324.0001.fits
SecZ=1.30
Focus=-6.396
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.268 -6.380 -4.540
T123=10.1 10.4 12.1
ALT/AZ=50.4 -83.6
fwAVG=1.62
sdW=1299.9
fwW=1.38
sdS=1896.3
fwS=1.45
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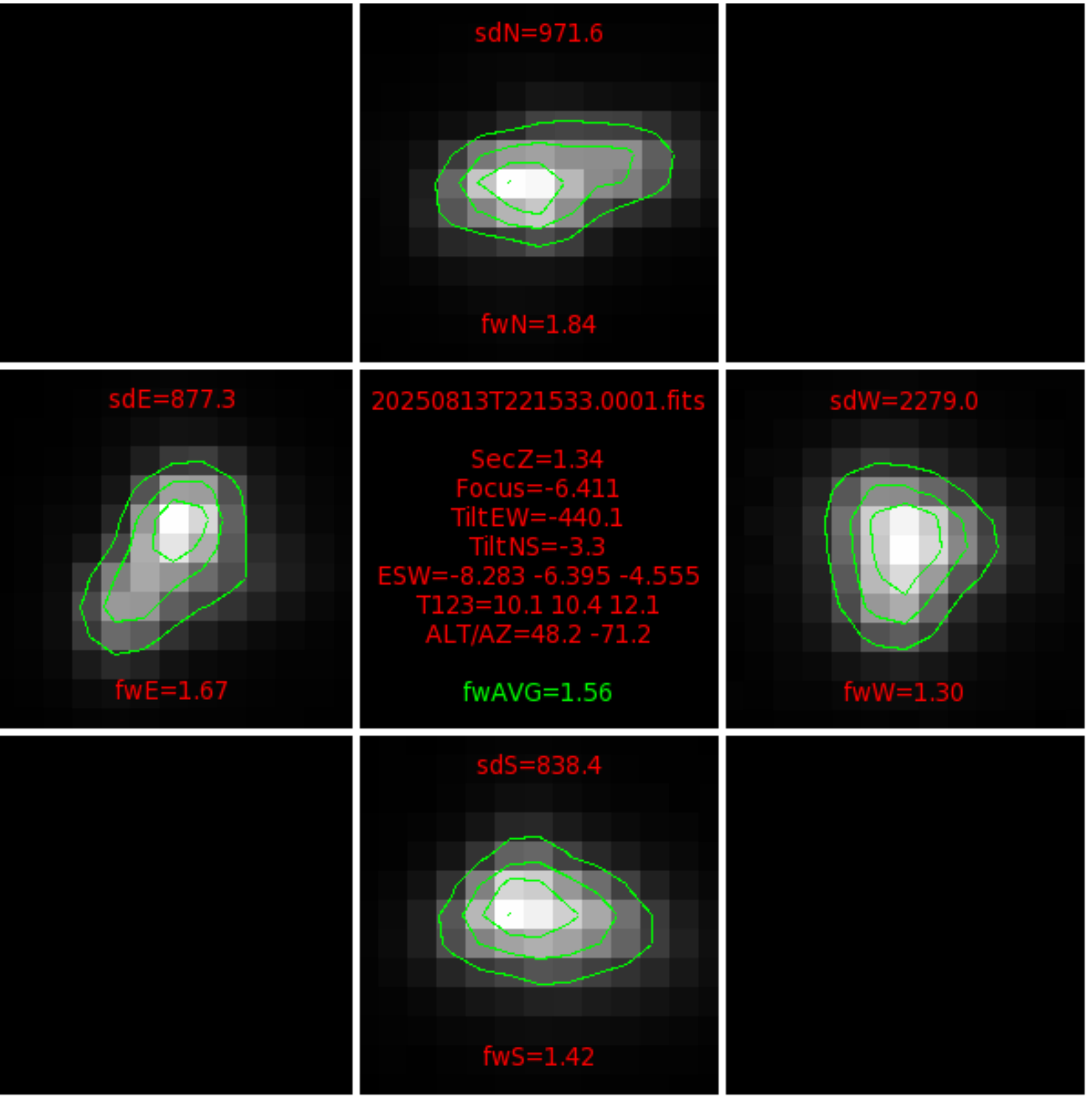
sdN=971.6
fwN=1.84
sdE=877.3
fwE=1.67
20250813T221533.0001.fits
SecZ=1.34
Focus=-6.411
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.283 -6.395 -4.555
T123=10.1 10.4 12.1
ALT/AZ=48.2 -71.2
fwAVG=1.56
sdW=2279.0
fwW=1.30
sdS=838.4
fwS=1.42
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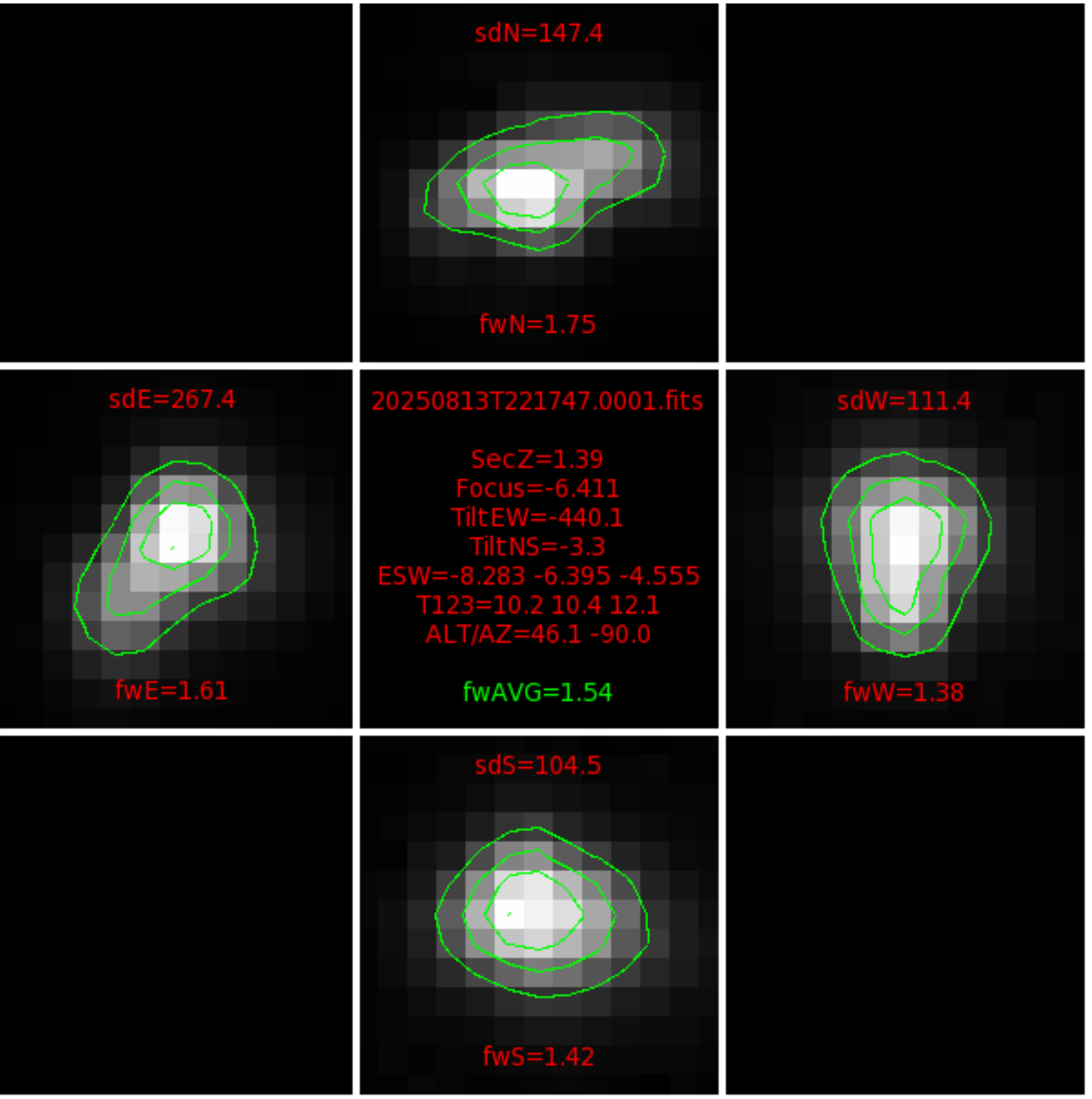
sdN=147.4
fwN=1.75
sdE=267.4
fwE=1.61
20250813T221747.0001.fits
SecZ=1.39
Focus=-6.411
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.283 -6.395 -4.555
T123=10.2 10.4 12.1
ALT/AZ=46.1 -90.0
fwAVG=1.54
sdW=111.4
fwW=1.38
sdS=104.5
fwS=1.42
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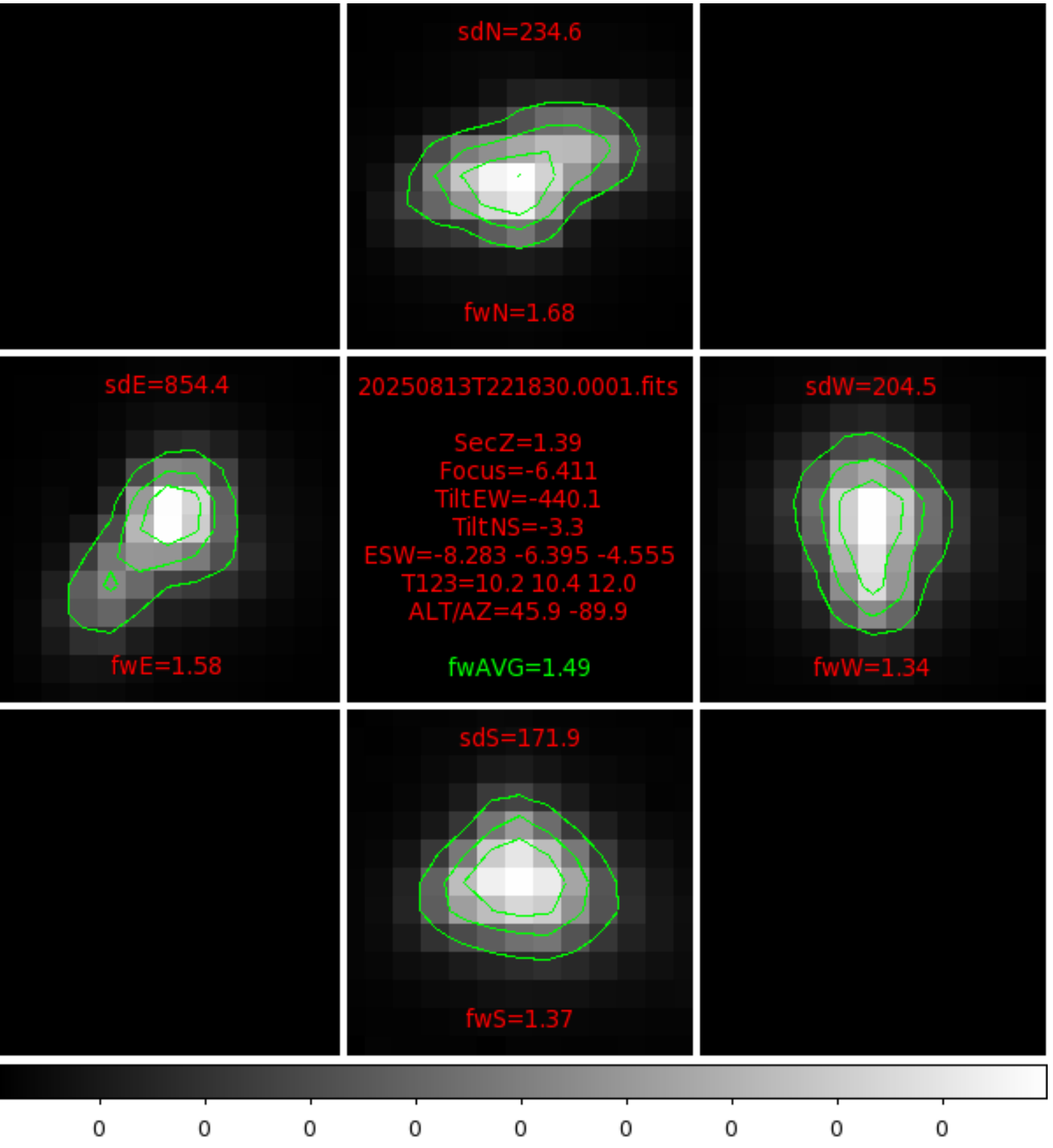
sdN=234.6
fwN=1.68
sdE=854.4
fwE=1.58
20250813T221830.0001.fits
SecZ=1.39
Focus=-6.411
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.283 -6.395 -4.555
T123=10.2 10.4 12.0
ALT/AZ=45.9 -89.9
fwAVG=1.49
sdW=204.5
fwW=1.34
sdS=171.9
fwS=1.37
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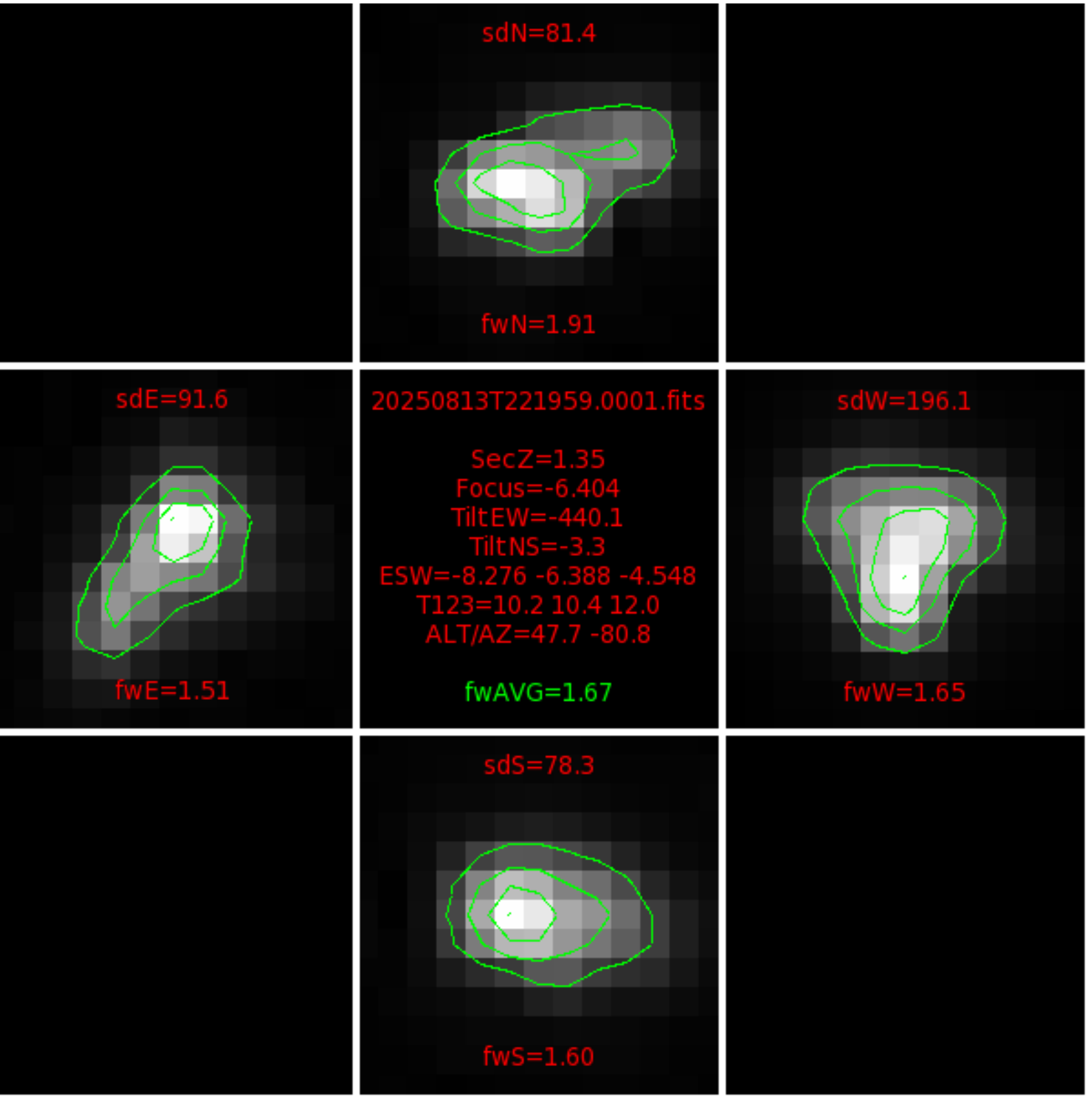
sdN=81.4
fwN=1.91
sdE=91.6
fwE=1.51
20250813T221959.0001.fits
SecZ=1.35
Focus=-6.404
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.276 -6.388 -4.548
T123=10.2 10.4 12.0
ALT/AZ=47.7 -80.8
fwAVG=1.67
sdW=196.1
fwW=1.65
sdS=78.3
fwS=1.60
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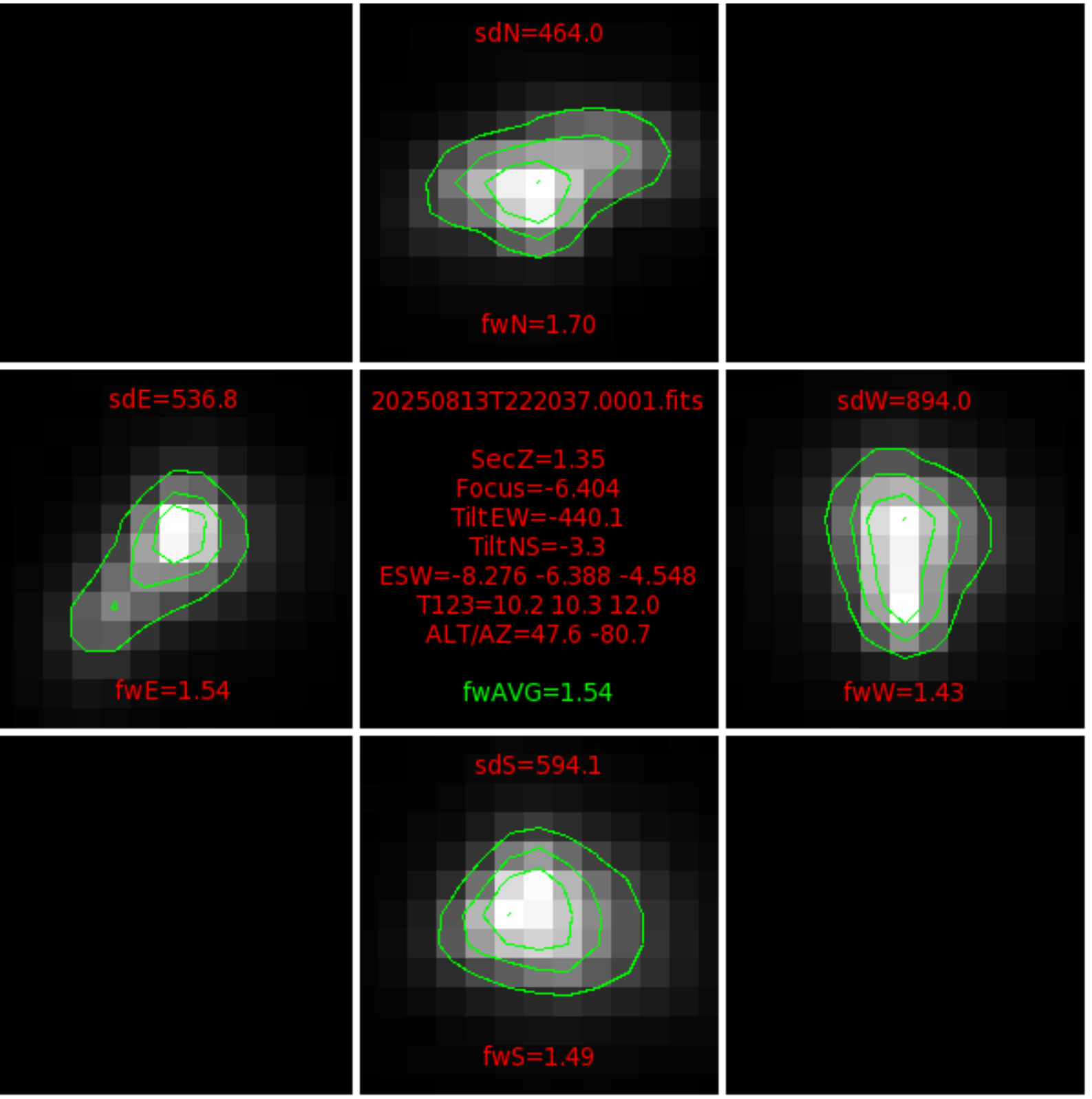
sdN=464.0
fwN=1.70
sdE=536.8
fwE=1.54
20250813T222037.0001.fits
SecZ=1.35
Focus=-6.404
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.276 -6.388 -4.548
T123=10.2 10.3 12.0
ALT/AZ=47.6 -80.7
fwAVG=1.54
sdW=894.0
fwW=1.43
sdS=594.1
fwS=1.49
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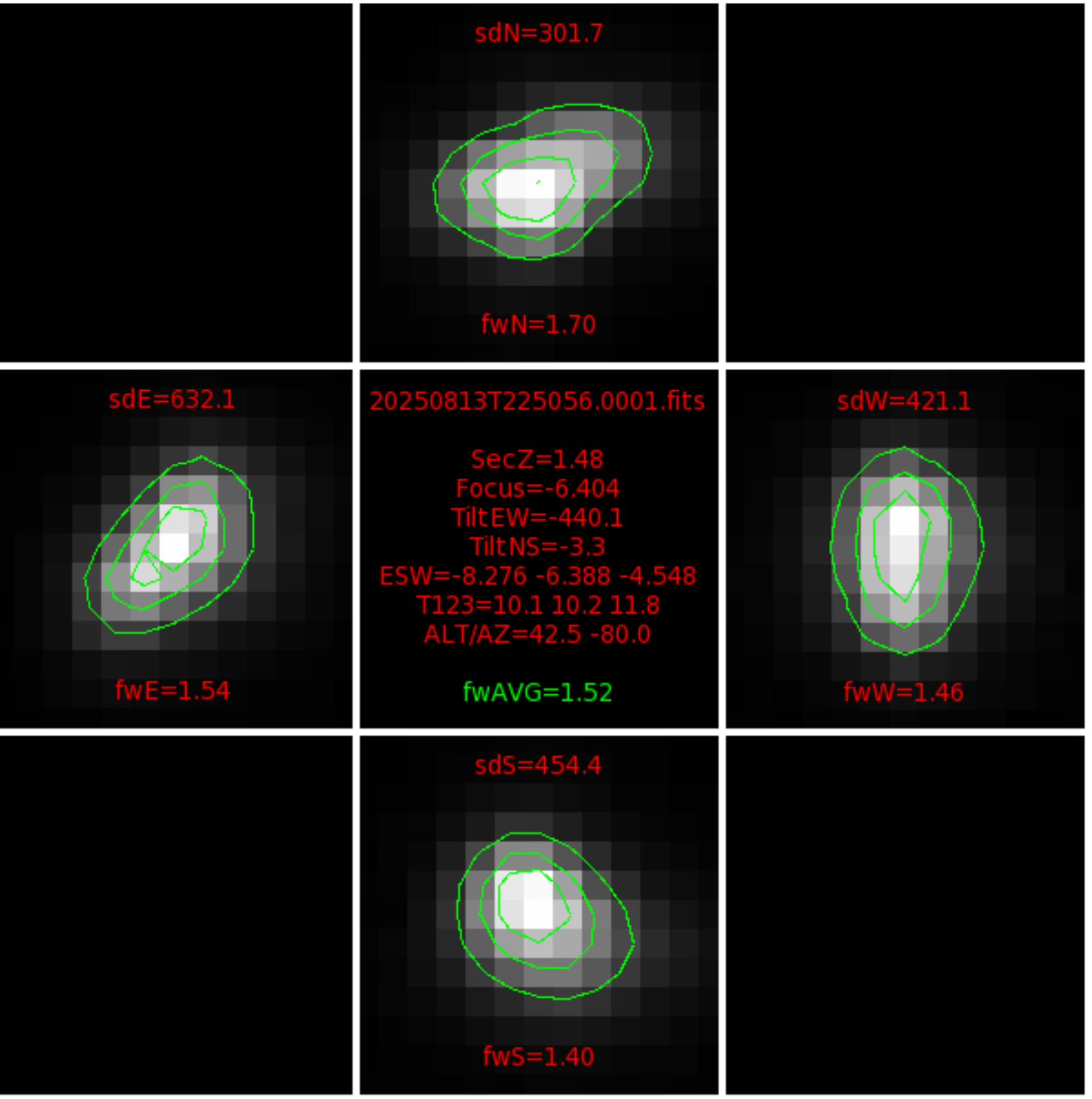
sdN=301.7
fwN=1.70
sdE=632.1
fwE=1.54
20250813T225056.0001.fits
SecZ=1.48
Focus=-6.404
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.276 -6.388 -4.548
T123=10.1 10.2 11.8
ALT/AZ=42.5 -80.0
fwAVG=1.52
sdW=421.1
fwW=1.46
sdS=454.4
fwS=1.40
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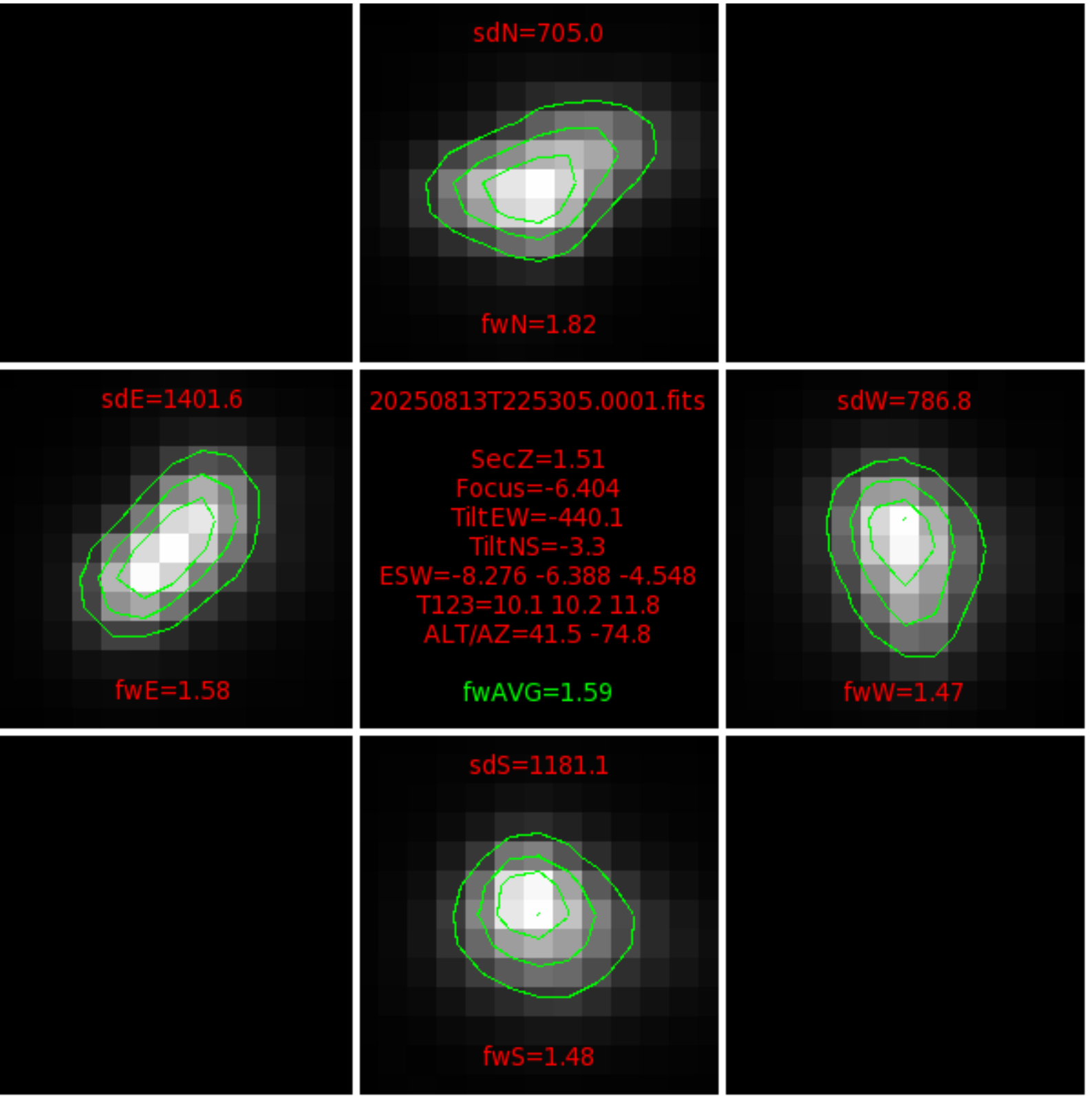
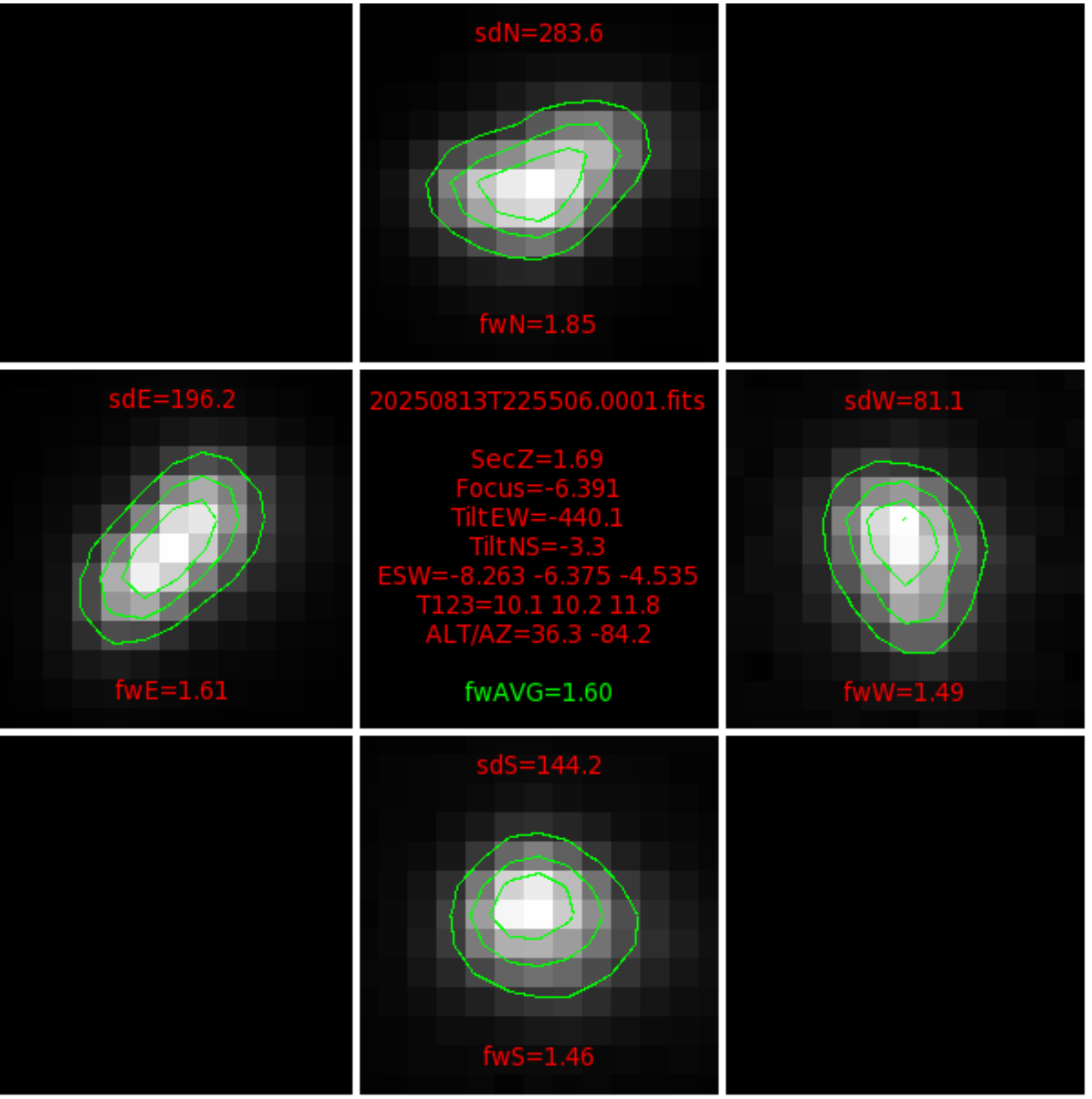

sdN=705.0
fwN=1.82
sdE=1401.6
fwE=1.58
20250813T225305.0001.fits
SecZ=1.51
Focus=-6.404
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.276 -6.388 -4.548
T123=10.1 10.2 11.8
ALT/AZ=41.5 -74.8
fwAVG=1.59
sdW=786.8
fwW=1.47
sdS=1181.1
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=283.6
fwN=1.85
sdE=196.2
fwE=1.61
20250813T225506.0001.fits
SecZ=1.69
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.1 10.2 11.8
ALT/AZ=36.3 -84.2
fwAVG=1.60
sdW=81.1
fwW=1.49
sdS=144.2
fwS=1.46
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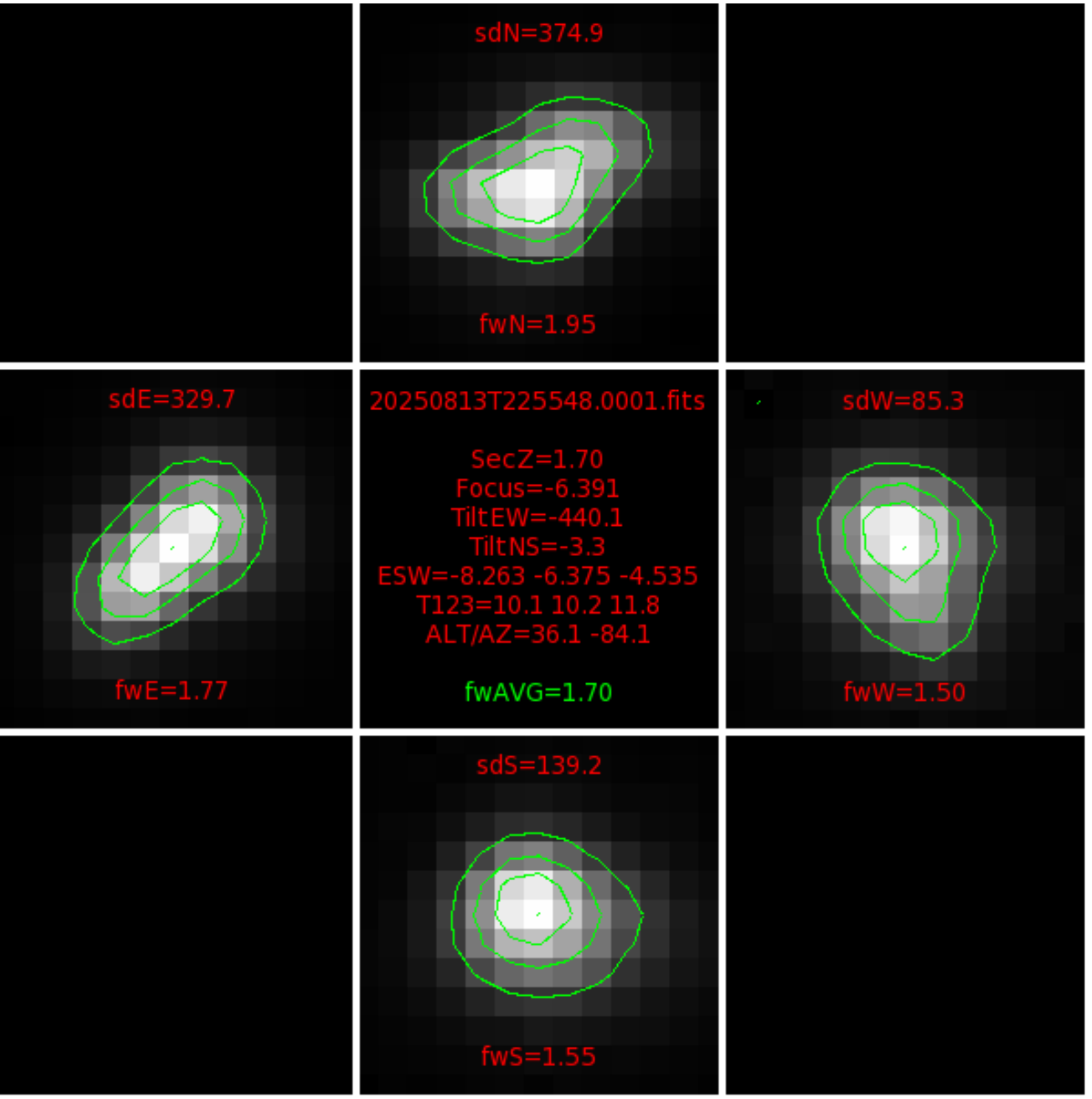
sdN=374.9
fwN=1.95
sdE=329.7
fwE=1.77
20250813T225548.0001.fits
SecZ=1.70
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.1 10.2 11.8
ALT/AZ=36.1 -84.1
fwAVG=1.70
sdW=85.3
fwW=1.50
sdS=139.2
fwS=1.55
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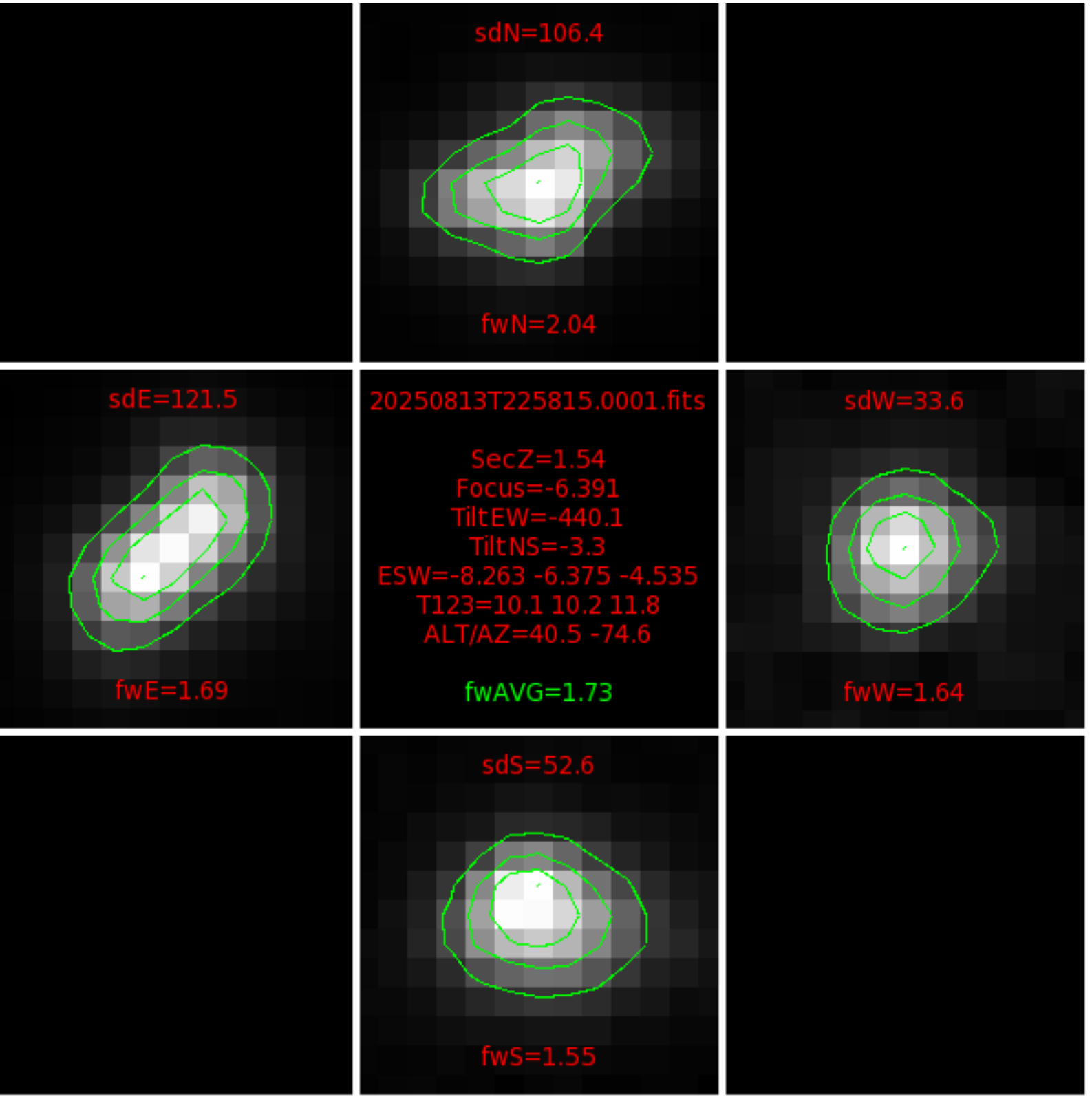
sdN=106.4
fwN=2.04
sdE=121.5
fwE=1.69
20250813T225815.0001.fits
SecZ=1.54
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.1 10.2 11.8
ALT/AZ=40.5 -74.6
fwAVG=1.73
sdW=33.6
fwW=1.64
sdS=52.6
fwS=1.55
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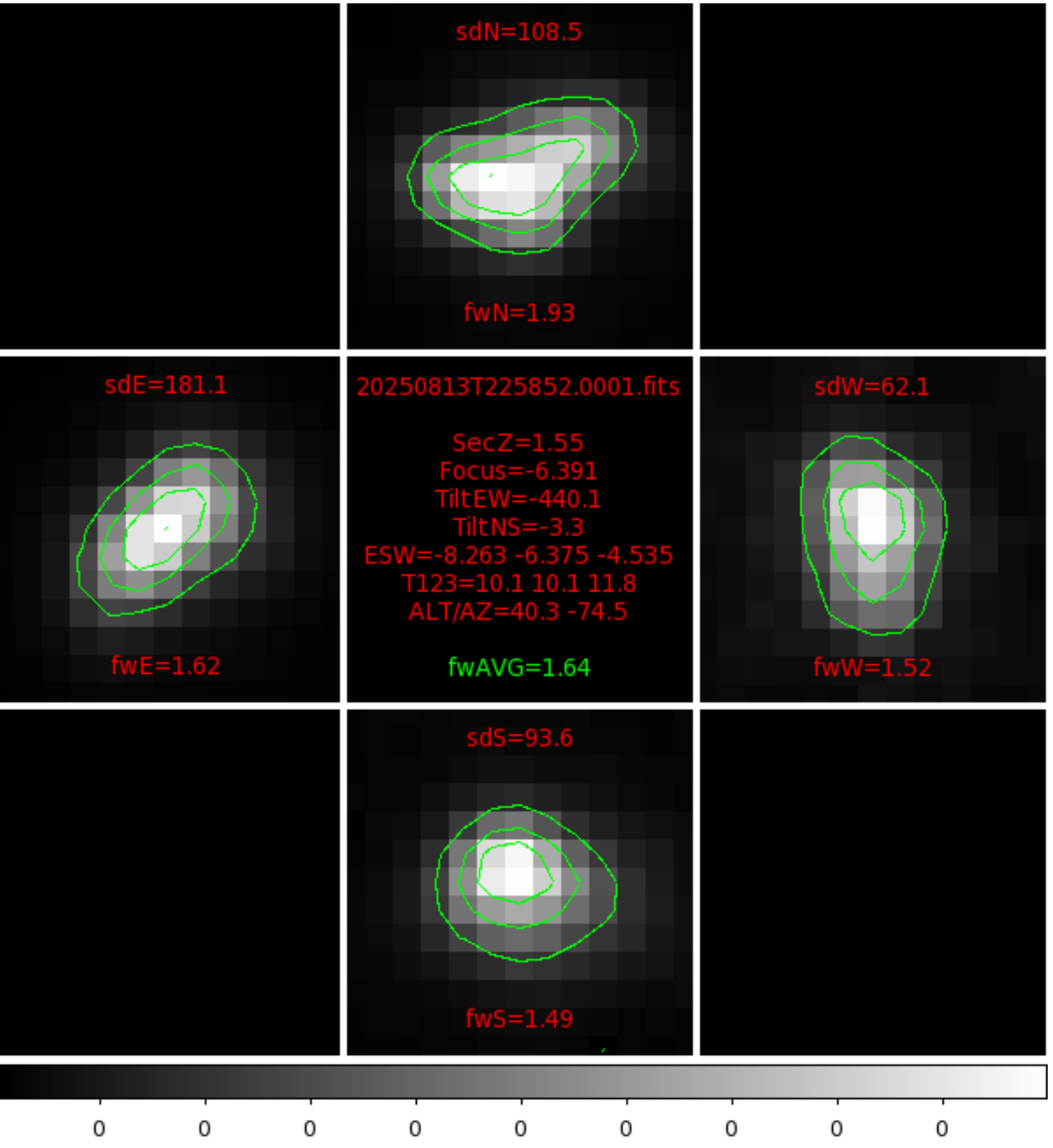
sdN=108.5
fwN=1.93
sdE=181.1
fwE=1.62
20250813T225852.0001.fits
SecZ=1.55
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.1 10.1 11.8
ALT/AZ=40.3 -74.5
fwAVG=1.64
sdW=62.1
fwW=1.52
sdS=93.6
fwS=1.49
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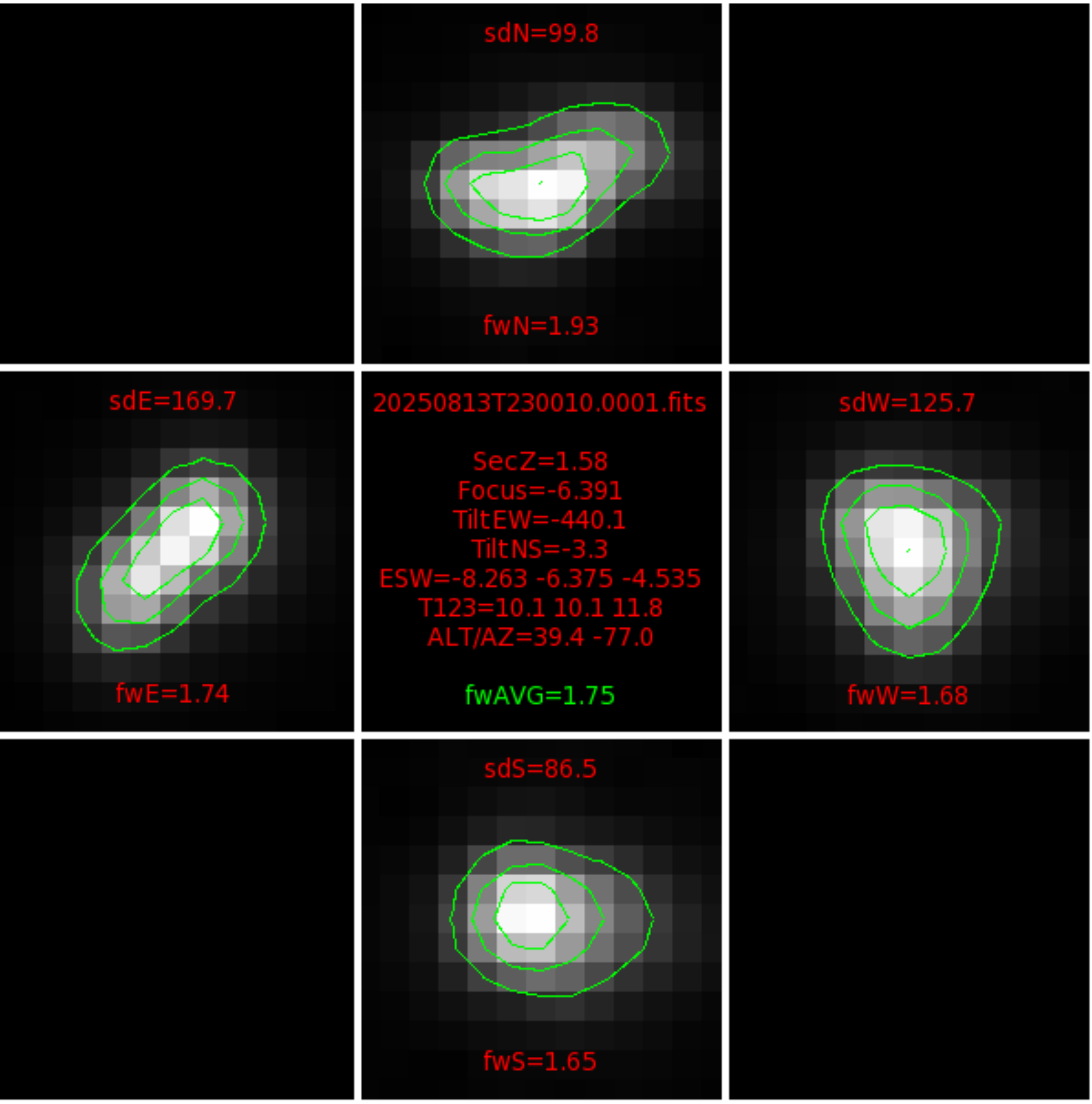
sdN=99.8
fwN=1.93
sdE=169.7
fwE=1.74
20250813T230010.0001.fits
SecZ=1.58
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.1 10.1 11.8
ALT/AZ=39.4 -77.0
fwAVG=1.75
sdW=125.7
fwW=1.68
sdS=86.5
fwS=1.65
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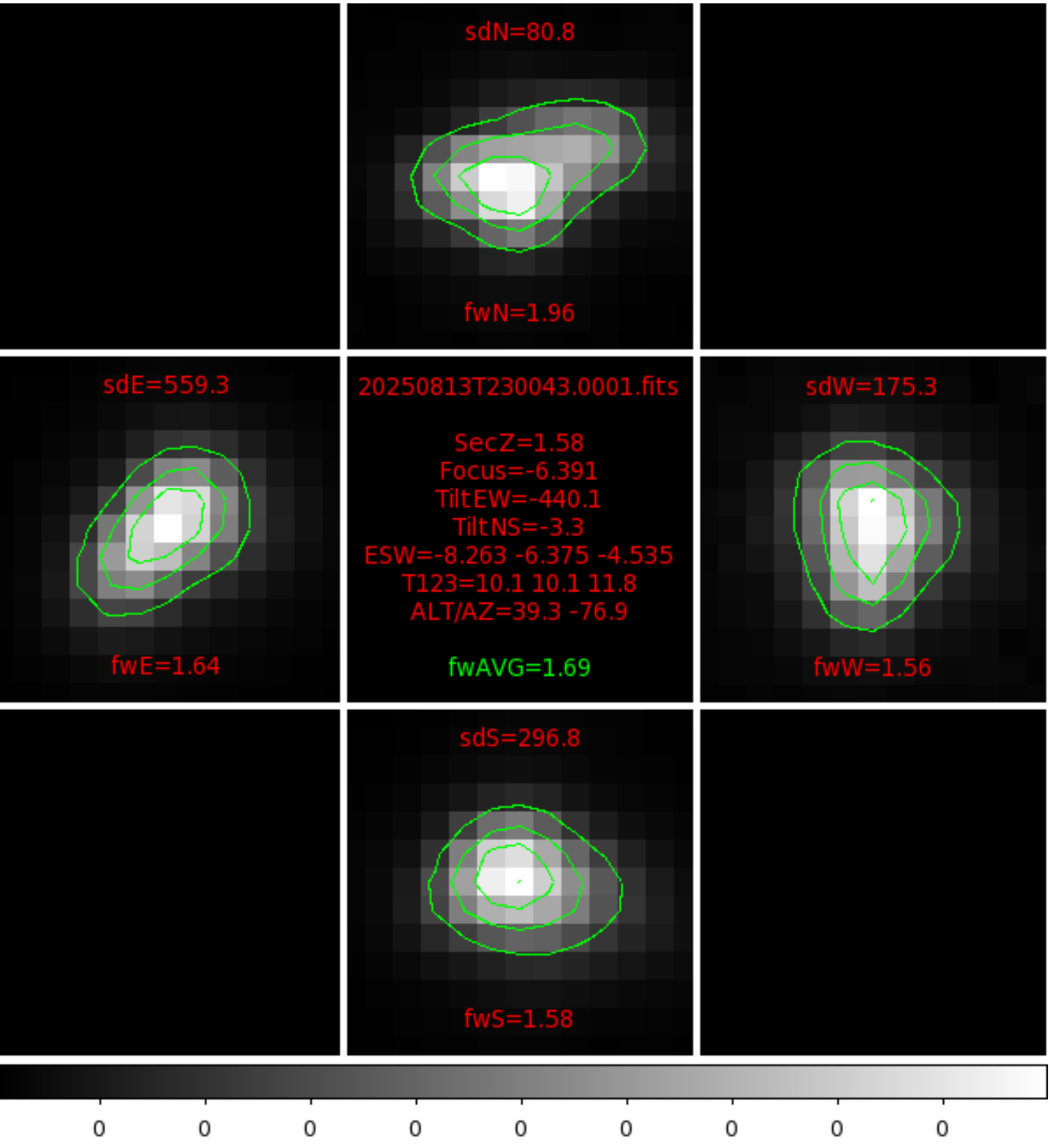
sdN=80.8
fwN=1.96
sdE=559.3
fwE=1.64
20250813T230043.0001.fits
SecZ=1.58
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.1 10.1 11.8
ALT/AZ=39.3 -76.9
fwAVG=1.69
sdW=175.3
fwW=1.56
sdS=296.8
fwS=1.58
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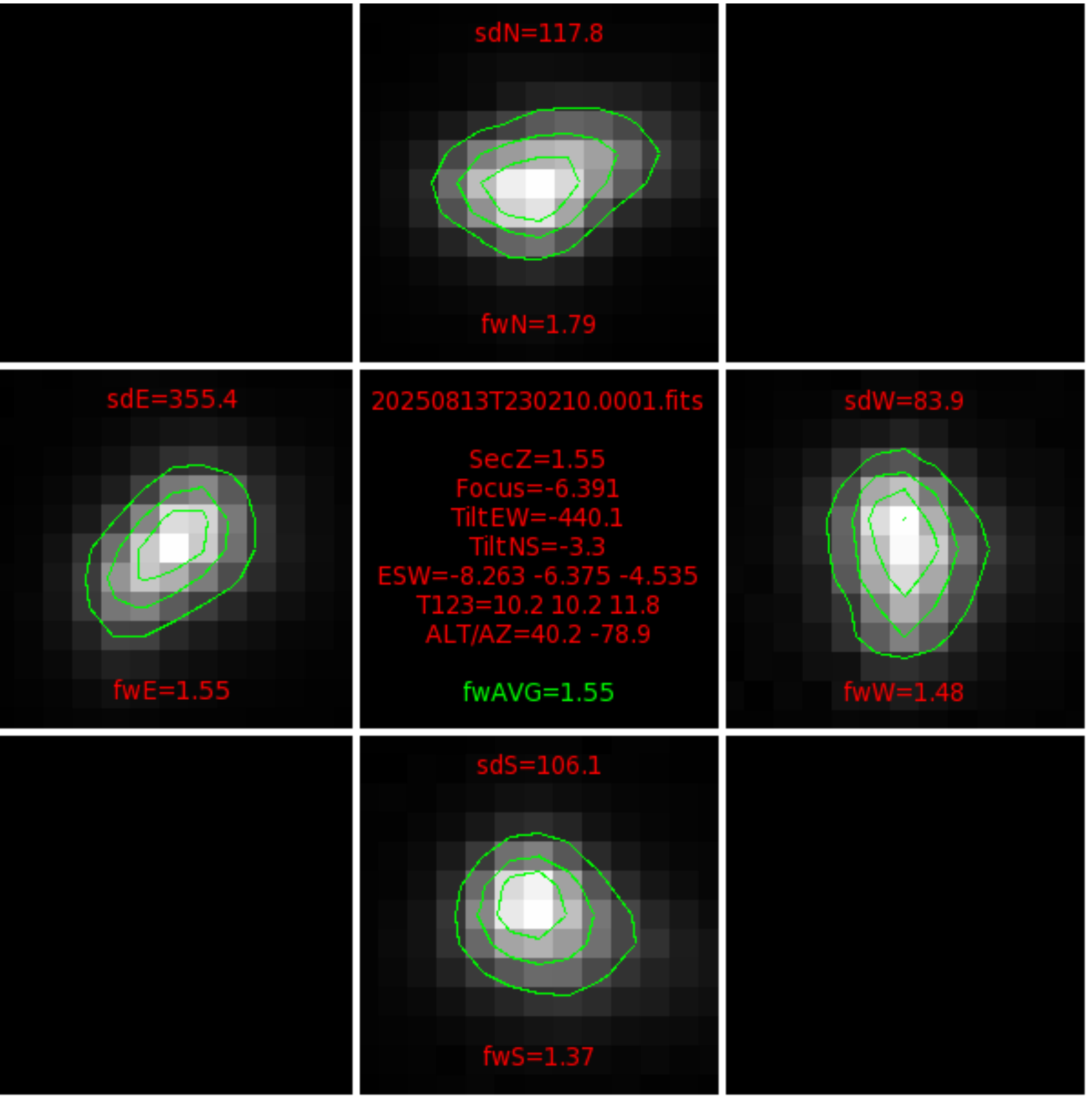
sdN=117.8
fwN=1.79
sdE=355.4
fwE=1.55
20250813T230210.0001.fits
SecZ=1.55
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.2 10.2 11.8
ALT/AZ=40.2 -78.9
fwAVG=1.55
sdW=83.9
fwW=1.48
sdS=106.1
fwS=1.37
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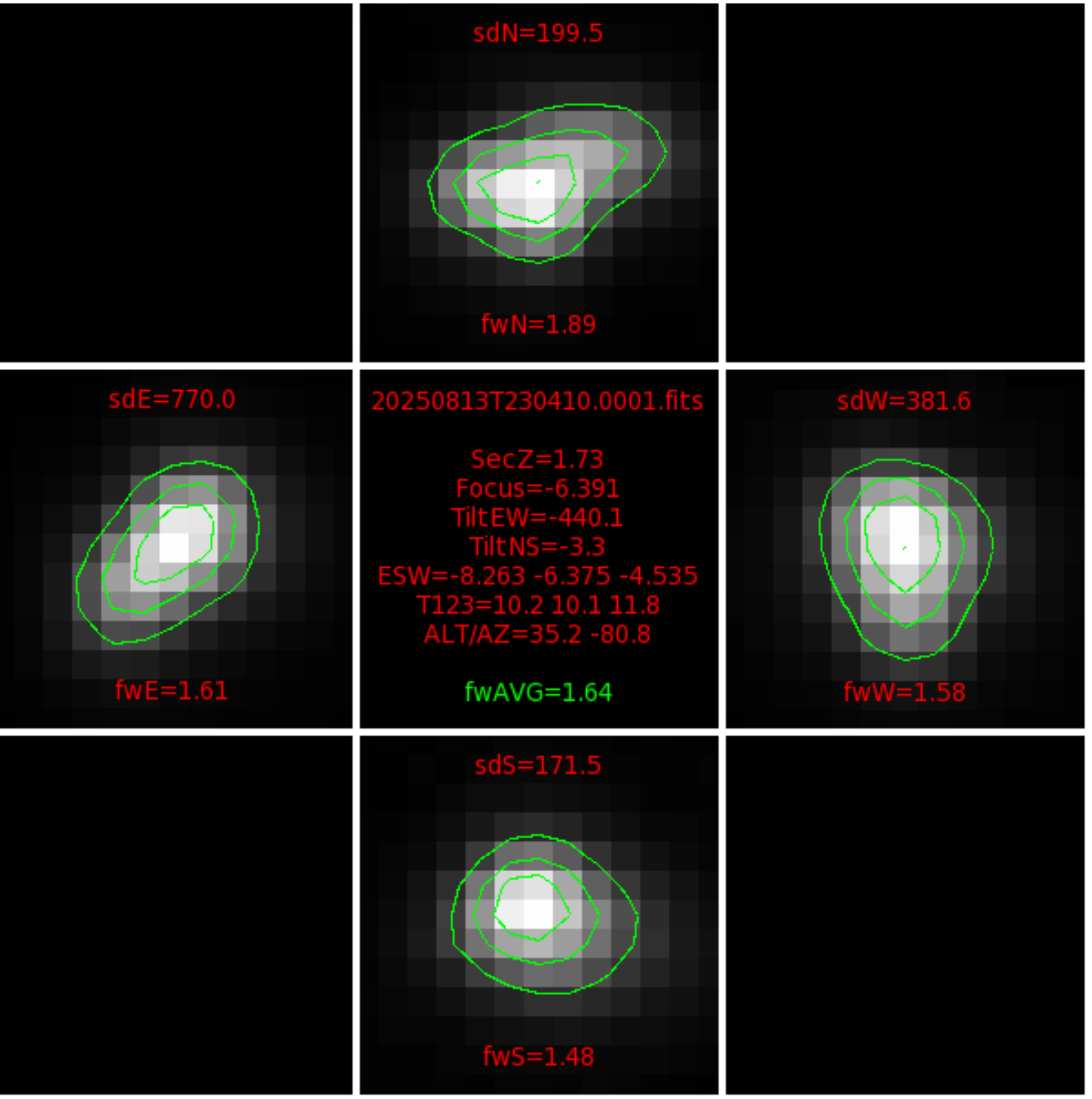
sdN=199.5
fwN=1.89
sdE=770.0
fwE=1.61
20250813T230410.0001.fits
SecZ=1.73
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.2 10.1 11.8
ALT/AZ=35.2 -80.8
fwAVG=1.64
sdW=381.6
fwW=1.58
sdS=171.5
fwS=1.48
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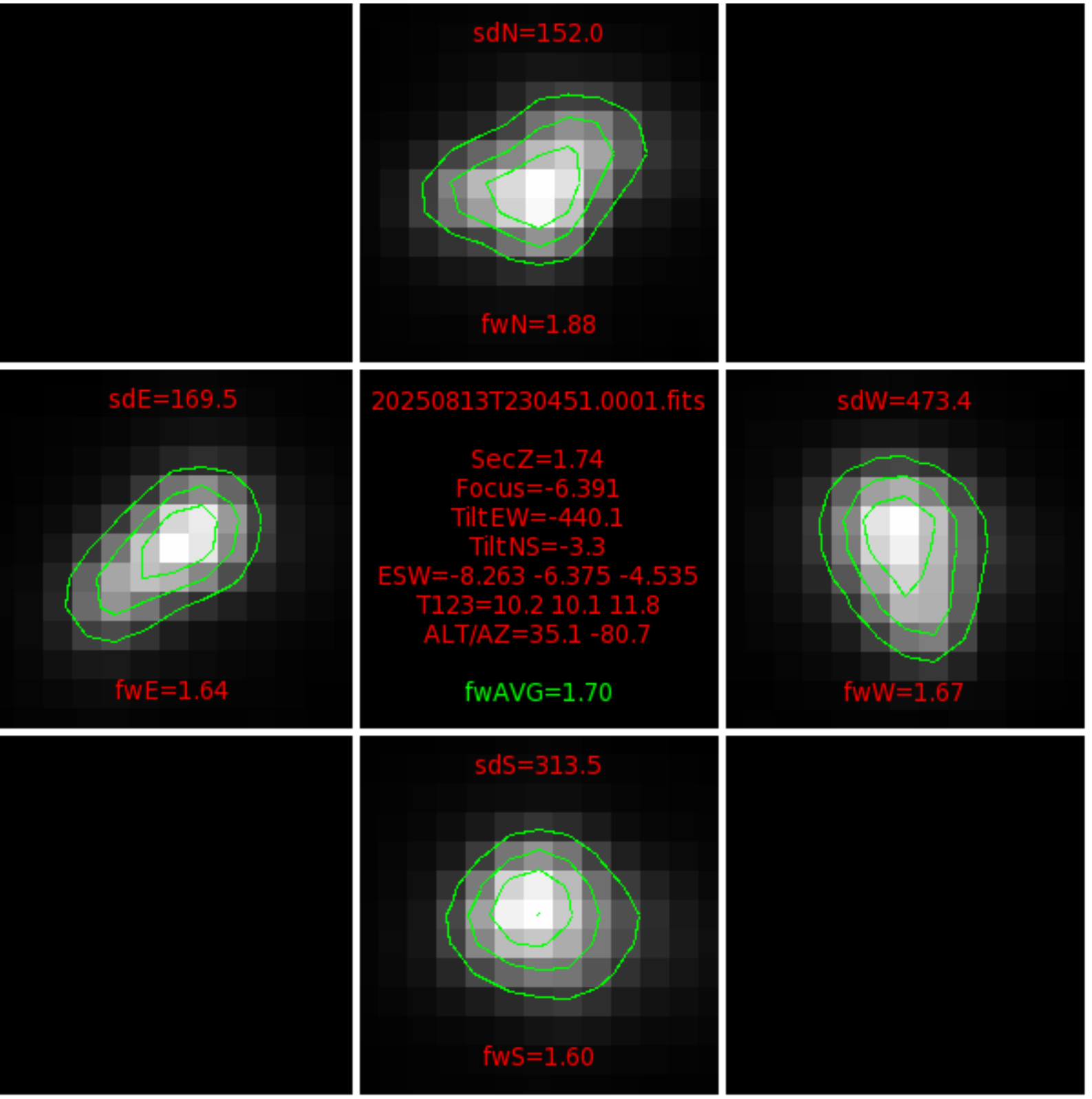
sdN=152.0
fwN=1.88
sdE=169.5
fwE=1.64
20250813T230451.0001.fits
SecZ=1.74
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.2 10.1 11.8
ALT/AZ=35.1 -80.7
fwAVG=1.70
sdW=473.4
fwW=1.67
sdS=313.5
fwS=1.60
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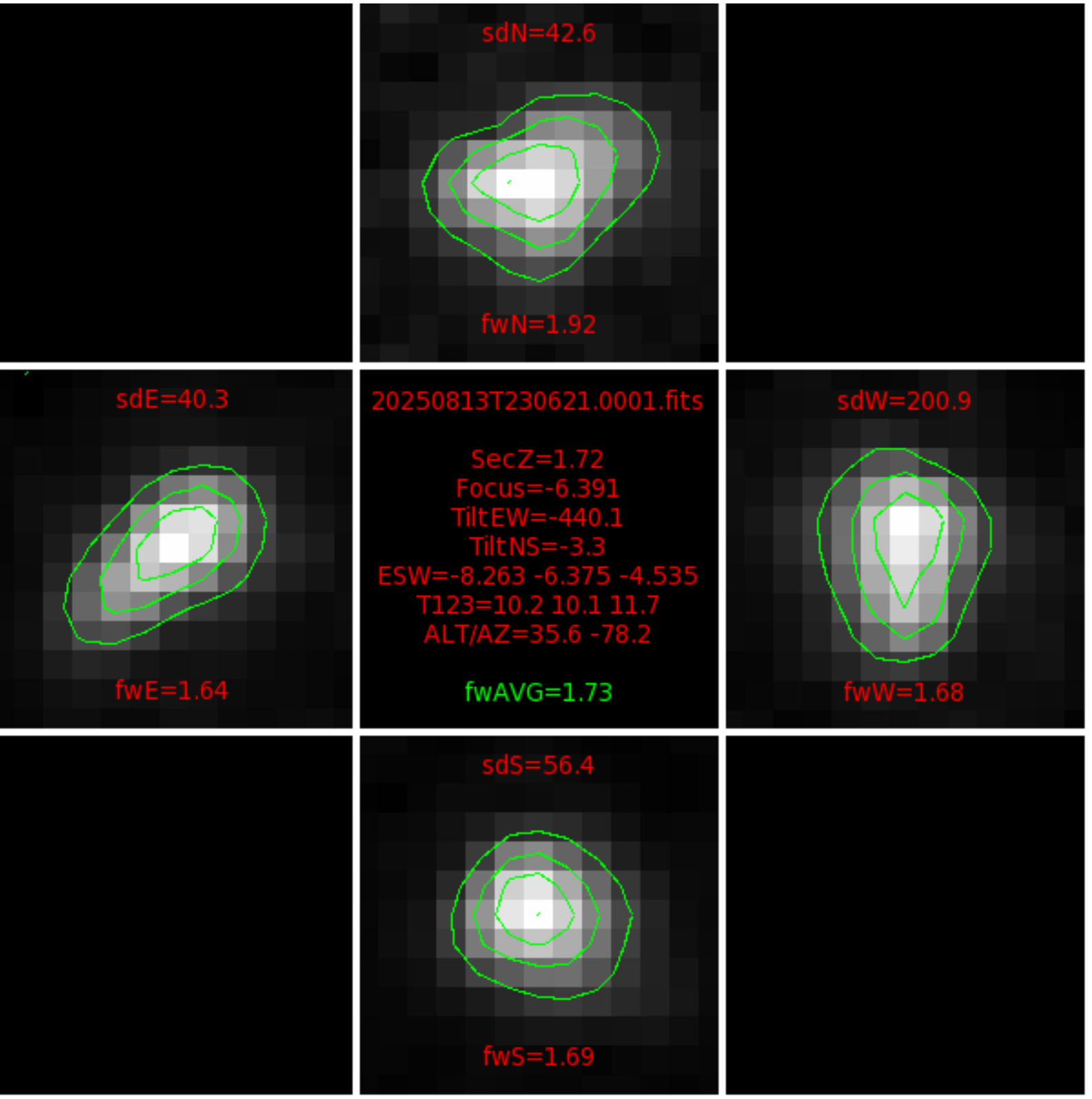
sdN=42.6
fwN=1.92
sdE=40.3
fwE=1.64
20250813T230621.0001.fits
SecZ=1.72
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.2 10.1 11.7
ALT/AZ=35.6 -78.2
fwAVG=1.73
sdW=200.9
fwW=1.68
sdS=56.4
fwS=1.69
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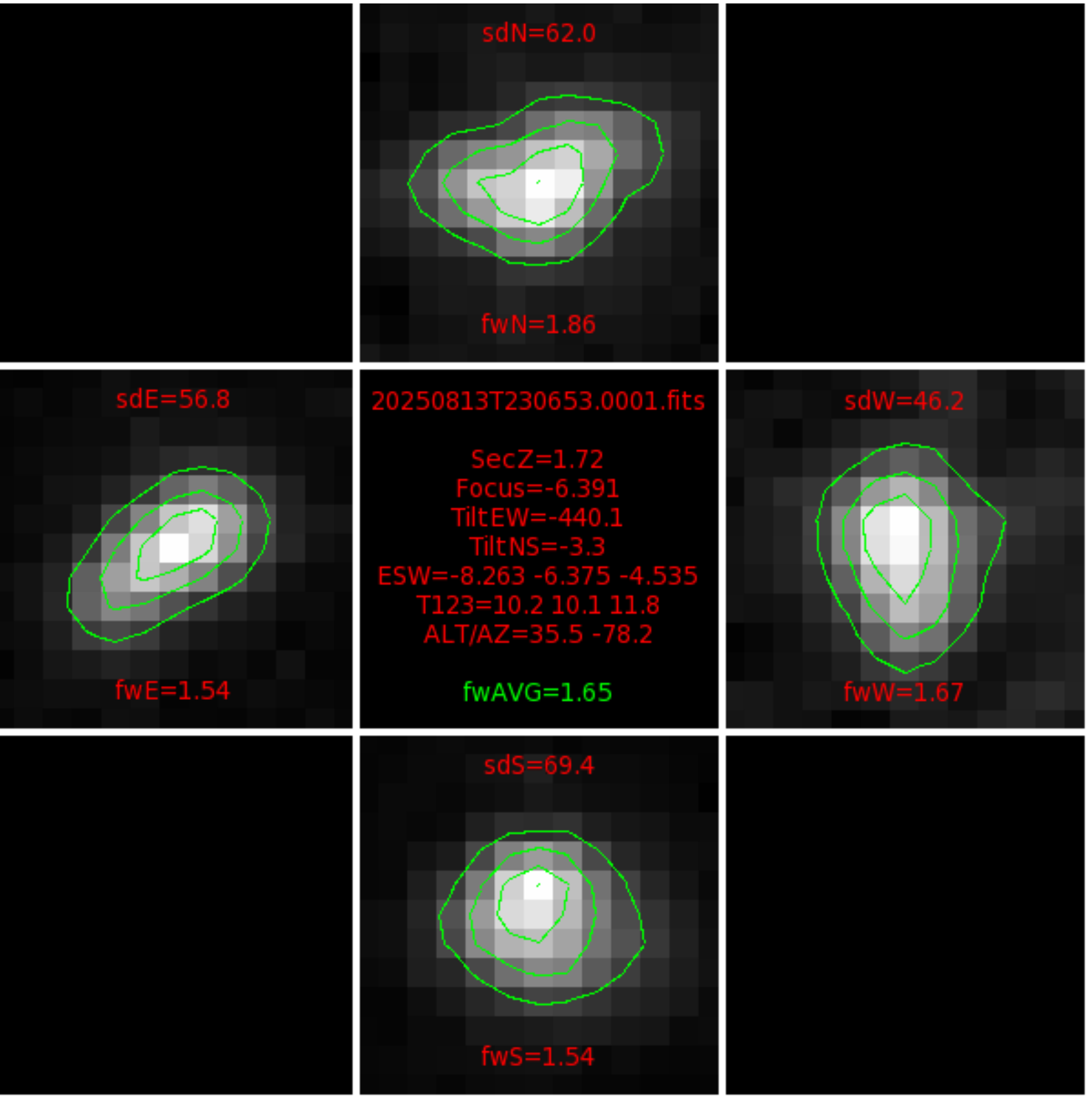
sdN=62.0
fwN=1.86
sdE=56.8
fwE=1.54
20250813T230653.0001.fits
SecZ=1.72
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.2 10.1 11.8
ALT/AZ=35.5 -78.2
fwAVG=1.65
sdW=46.2
fwW=1.67
sdS=69.4
fwS=1.54
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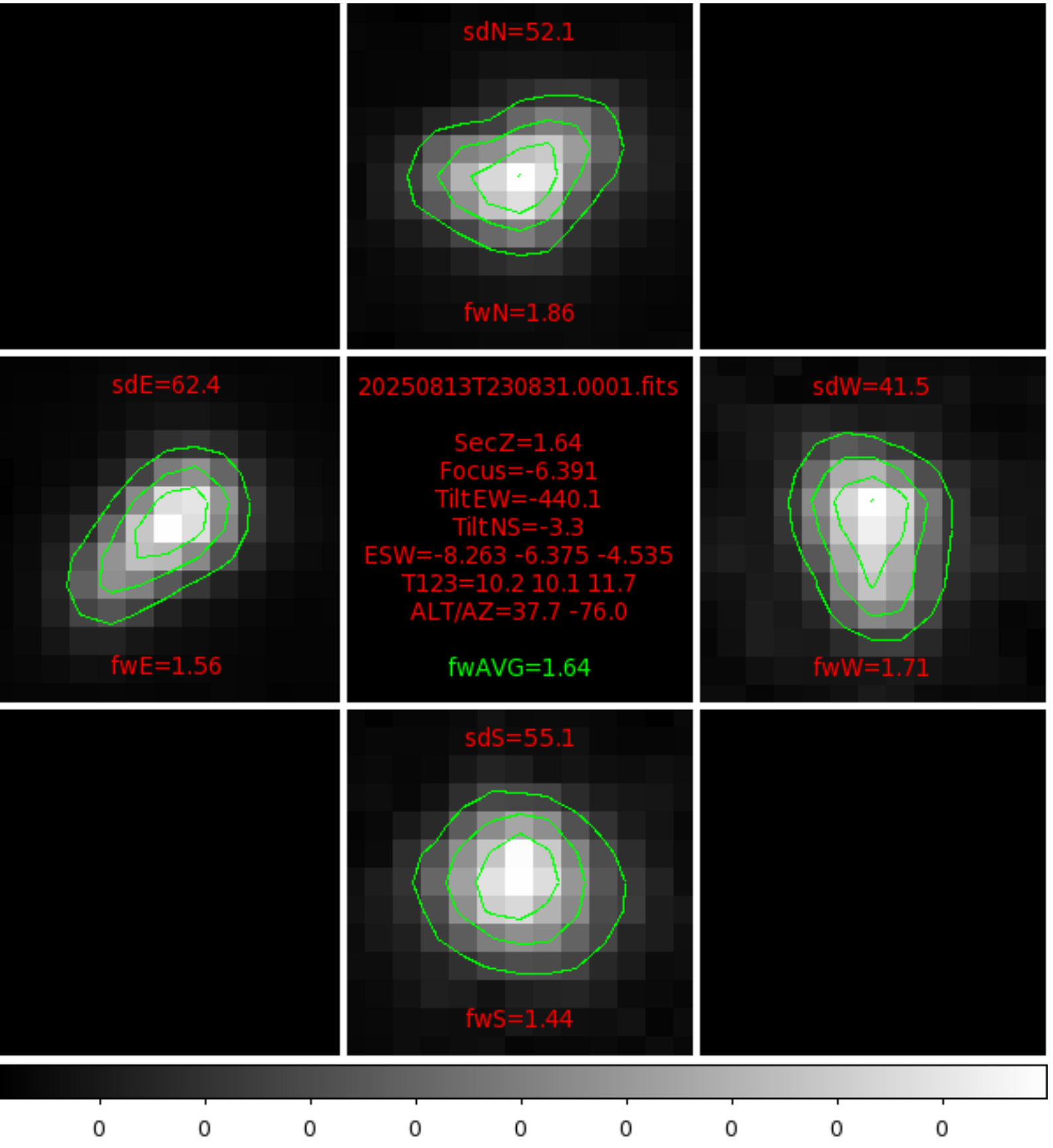
sdN=52.1
fwN=1.86
sdE=62.4
fwE=1.56
20250813T230831.0001.fits
SecZ=1.64
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.2 10.1 11.7
ALT/AZ=37.7 -76.0
fwAVG=1.64
sdW=41.5
fwW=1.71
sdS=55.1
fwS=1.44
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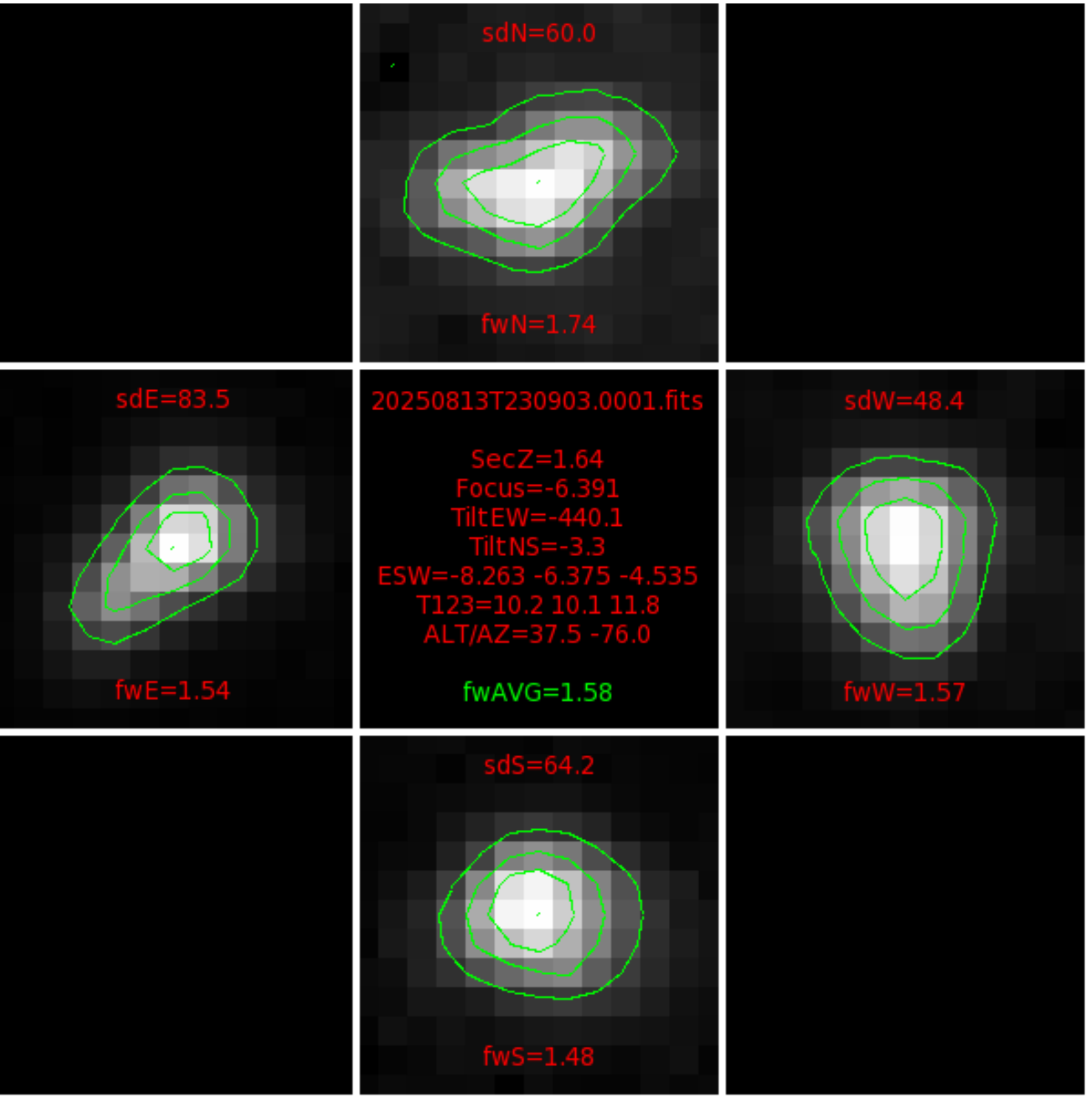
sdN=60.0
fwN=1.74
sdE=83.5
fwE=1.54
20250813T230903.0001.fits
SecZ=1.64
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.2 10.1 11.8
ALT/AZ=37.5 -76.0
fwAVG=1.58
sdW=48.4
fwW=1.57
sdS=64.2
fwS=1.48
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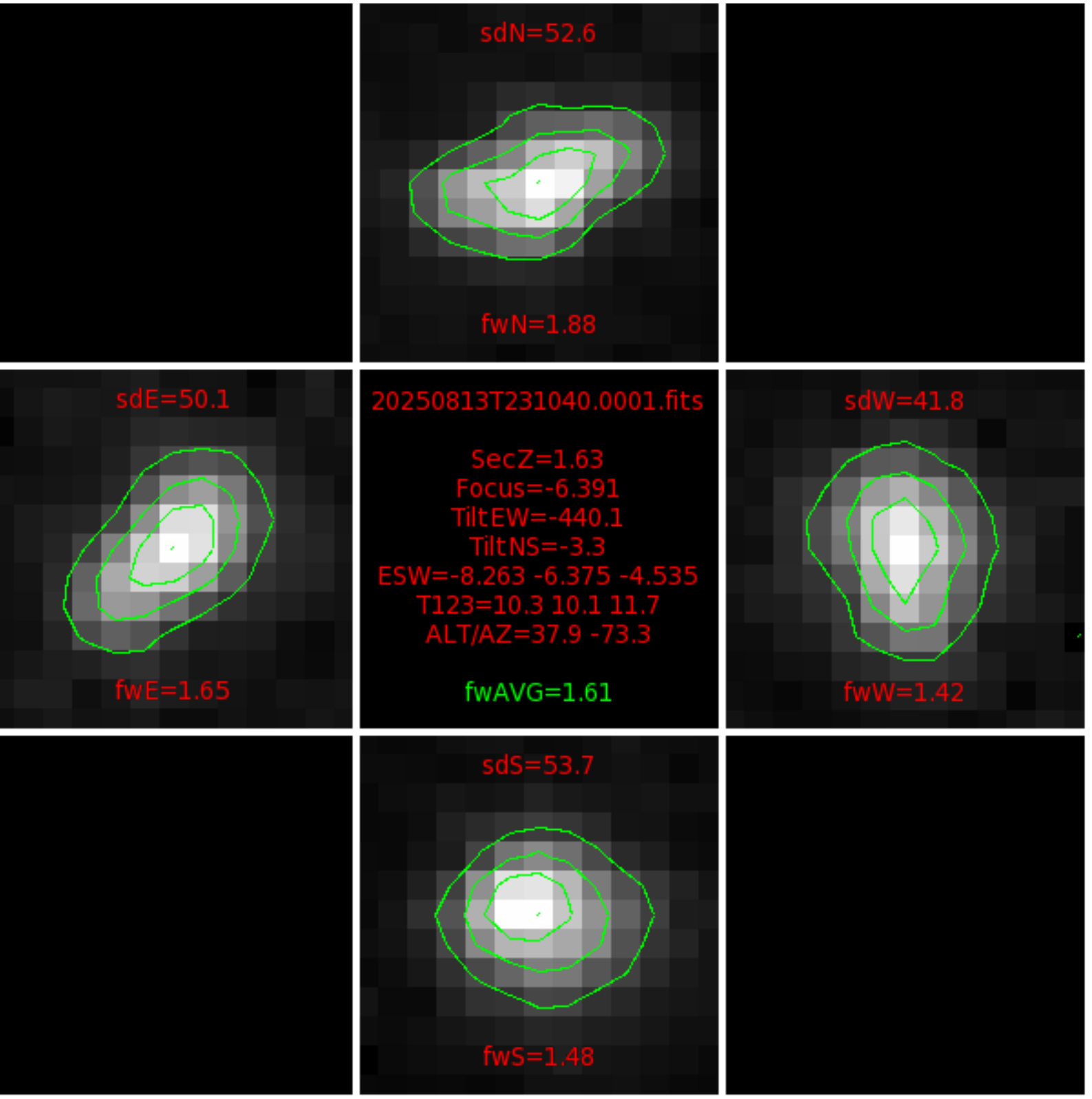
sdN=52.6
fwN=1.88
sdE=50.1
fwE=1.65
20250813T231040.0001.fits
SecZ=1.63
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.3 10.1 11.7
ALT/AZ=37.9 -73.3
fwAVG=1.61
sdW=41.8
fwW=1.42
sdS=53.7
fwS=1.48
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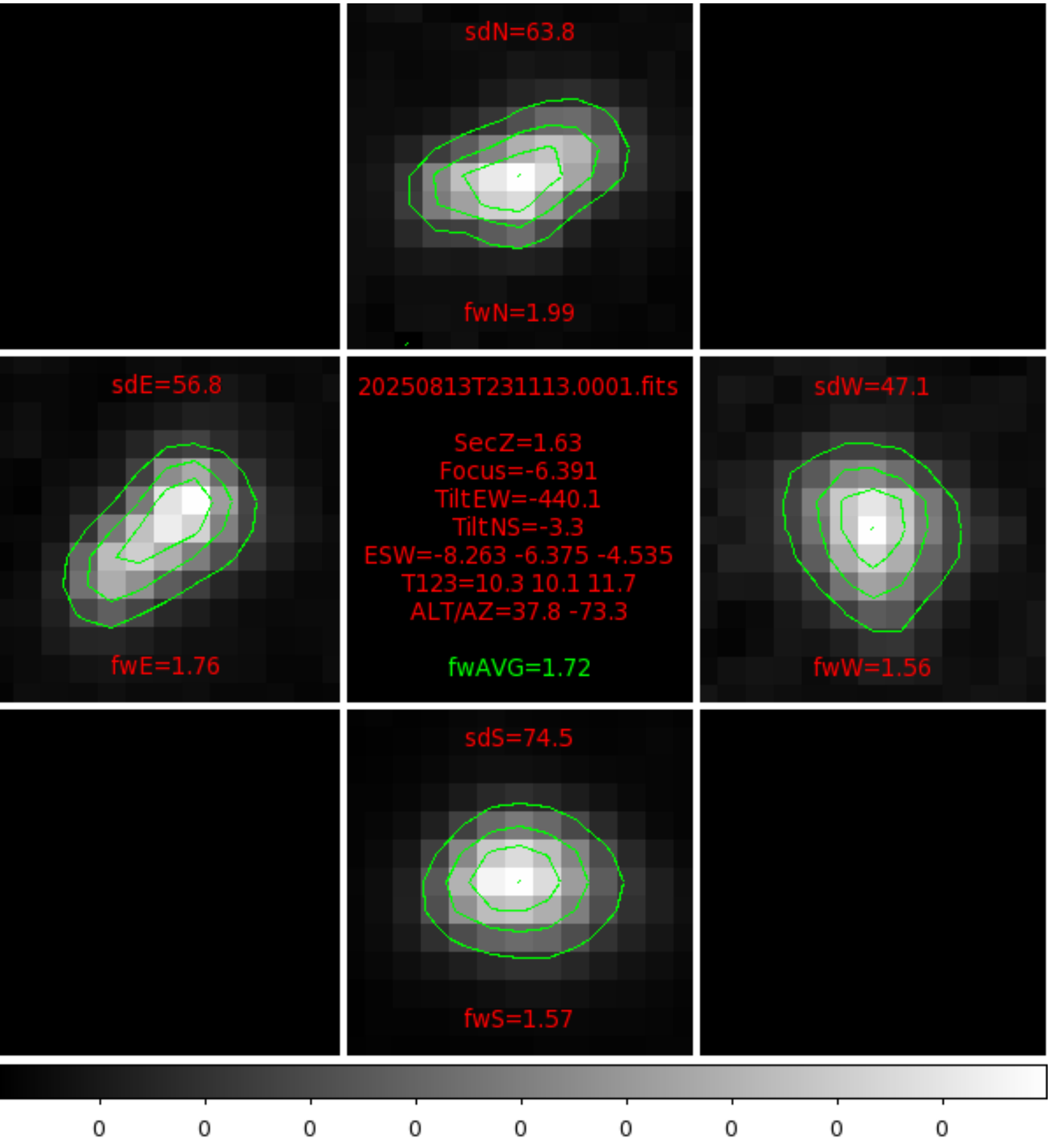
sdN=63.8
fwN=1.99
sdE=56.8
fwE=1.76
20250813T231113.0001.fits
SecZ=1.63
Focus=-6.391
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.263 -6.375 -4.535
T123=10.3 10.1 11.7
ALT/AZ=37.8 -73.3
fwAVG=1.72
sdW=47.1
fwW=1.56
sdS=74.5
fwS=1.57
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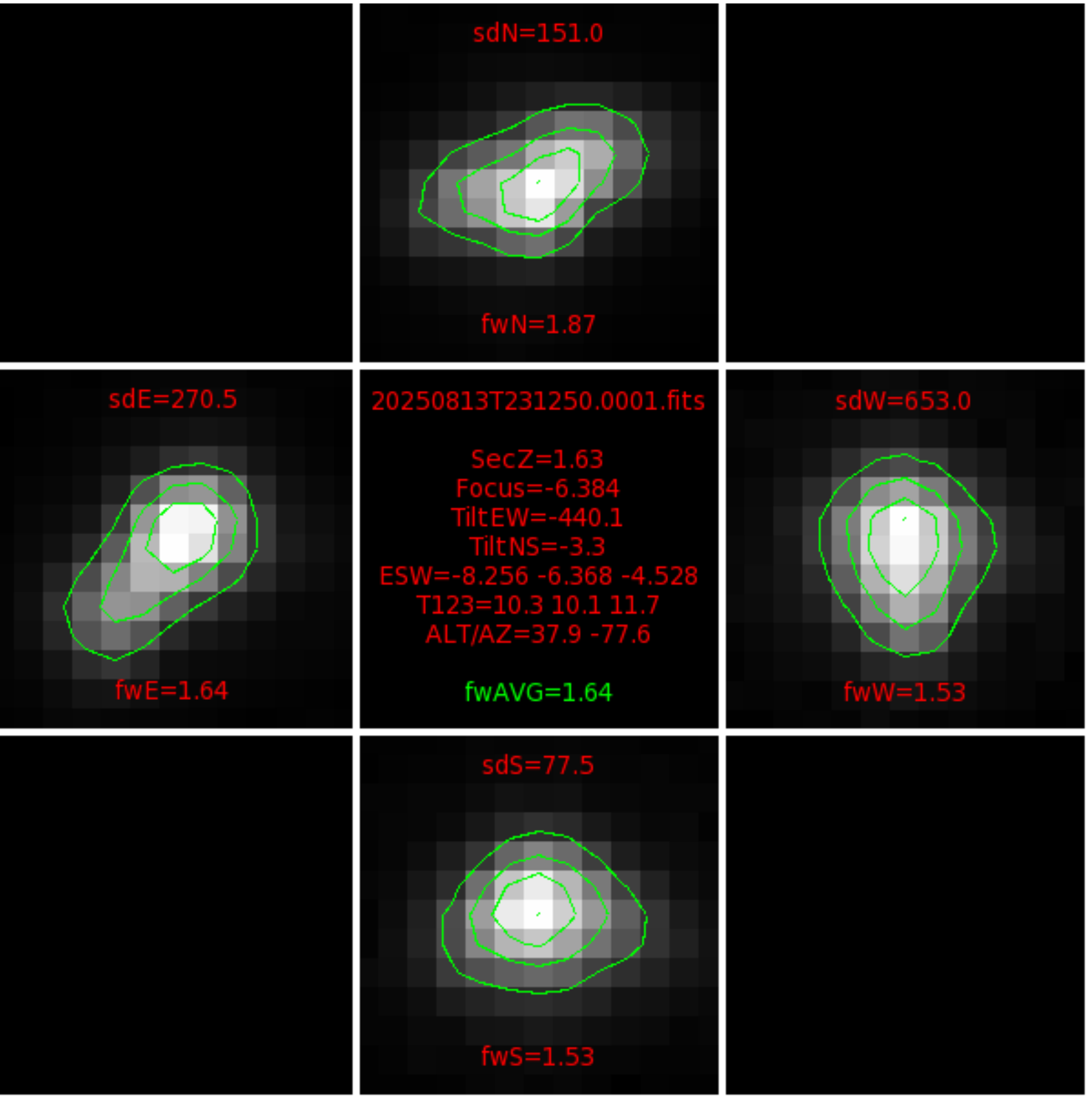
sdN=151.0
fwN=1.87
sdE=270.5
fwE=1.64
20250813T231250.0001.fits
SecZ=1.63
Focus=-6.384
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.256 -6.368 -4.528
T123=10.3 10.1 11.7
ALT/AZ=37.9 -77.6
fwAVG=1.64
sdW=653.0
fwW=1.53
sdS=77.5
fwS=1.53
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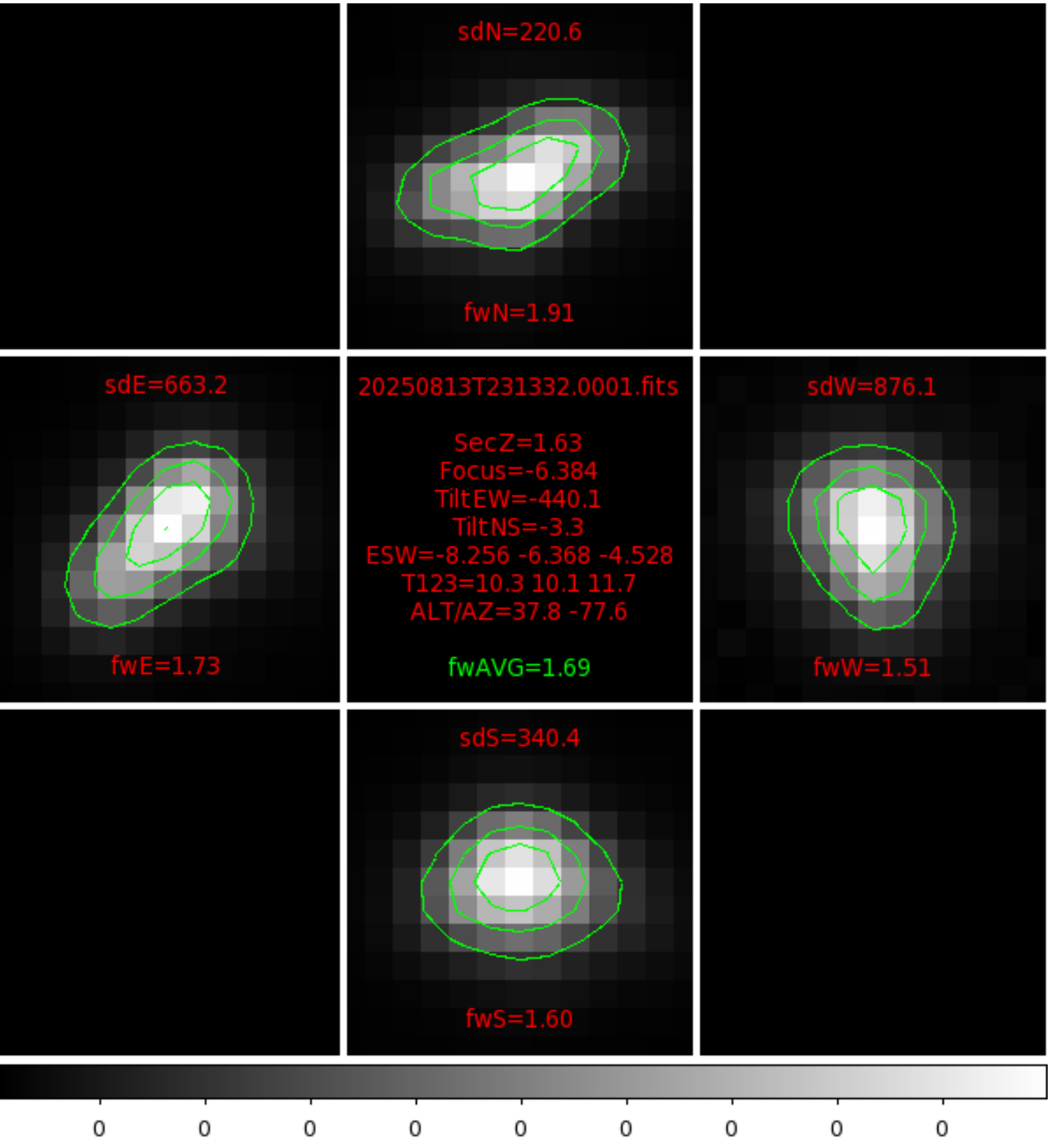
sdN=220.6
fwN=1.91
sdE=663.2
fwE=1.73
20250813T231332.0001.fits
SecZ=1.63
Focus=-6.384
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.256 -6.368 -4.528
T123=10.3 10.1 11.7
ALT/AZ=37.8 -77.6
fwAVG=1.69
sdW=876.1
fwW=1.51
sdS=340.4
fwS=1.60
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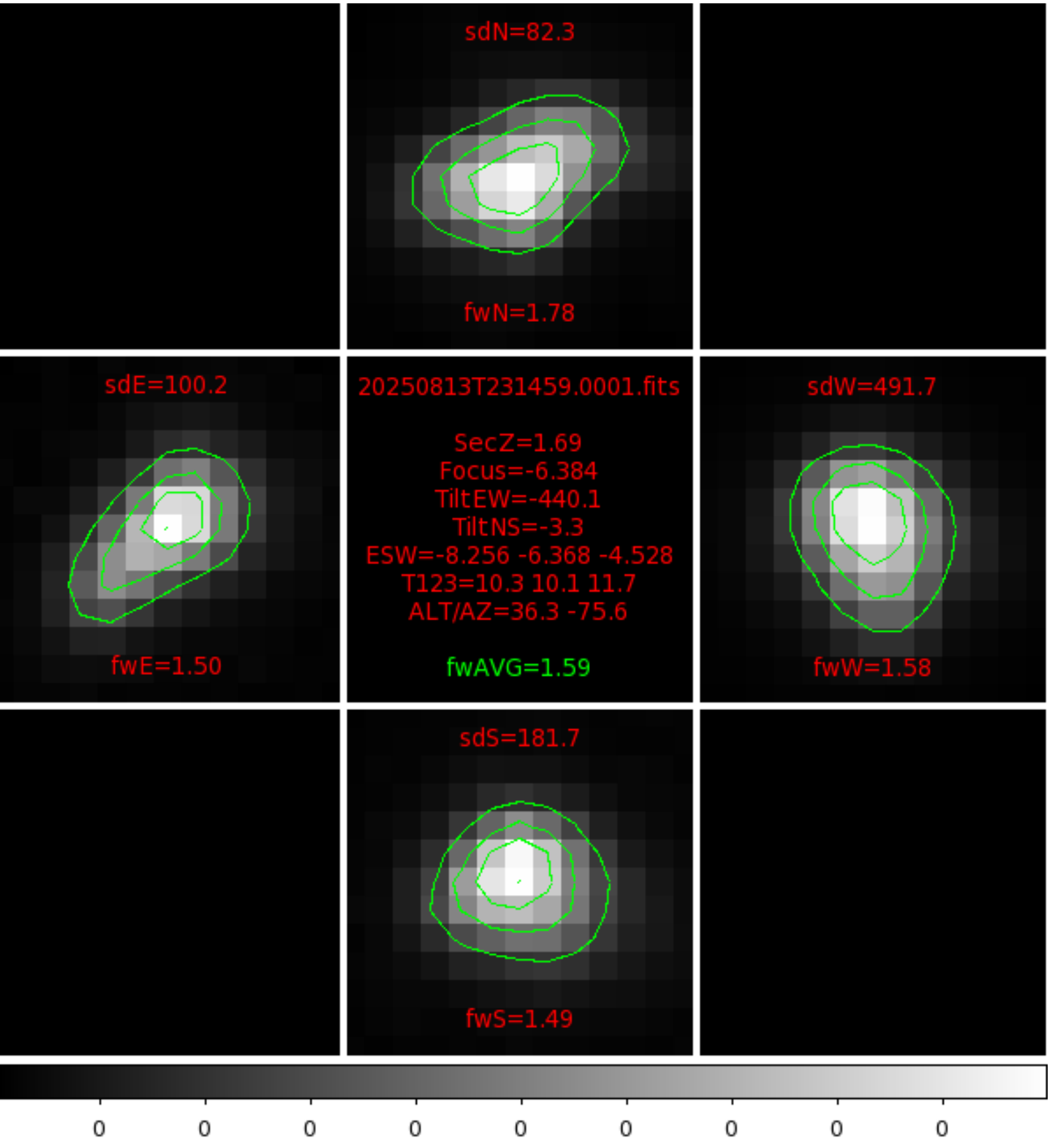
sdN=82.3
fwN=1.78
sdE=100.2
fwE=1.50
20250813T231459.0001.fits
SecZ=1.69
Focus=-6.384
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.256 -6.368 -4.528
T123=10.3 10.1 11.7
ALT/AZ=36.3 -75.6
fwAVG=1.59
sdW=491.7
fwW=1.58
sdS=181.7
fwS=1.49
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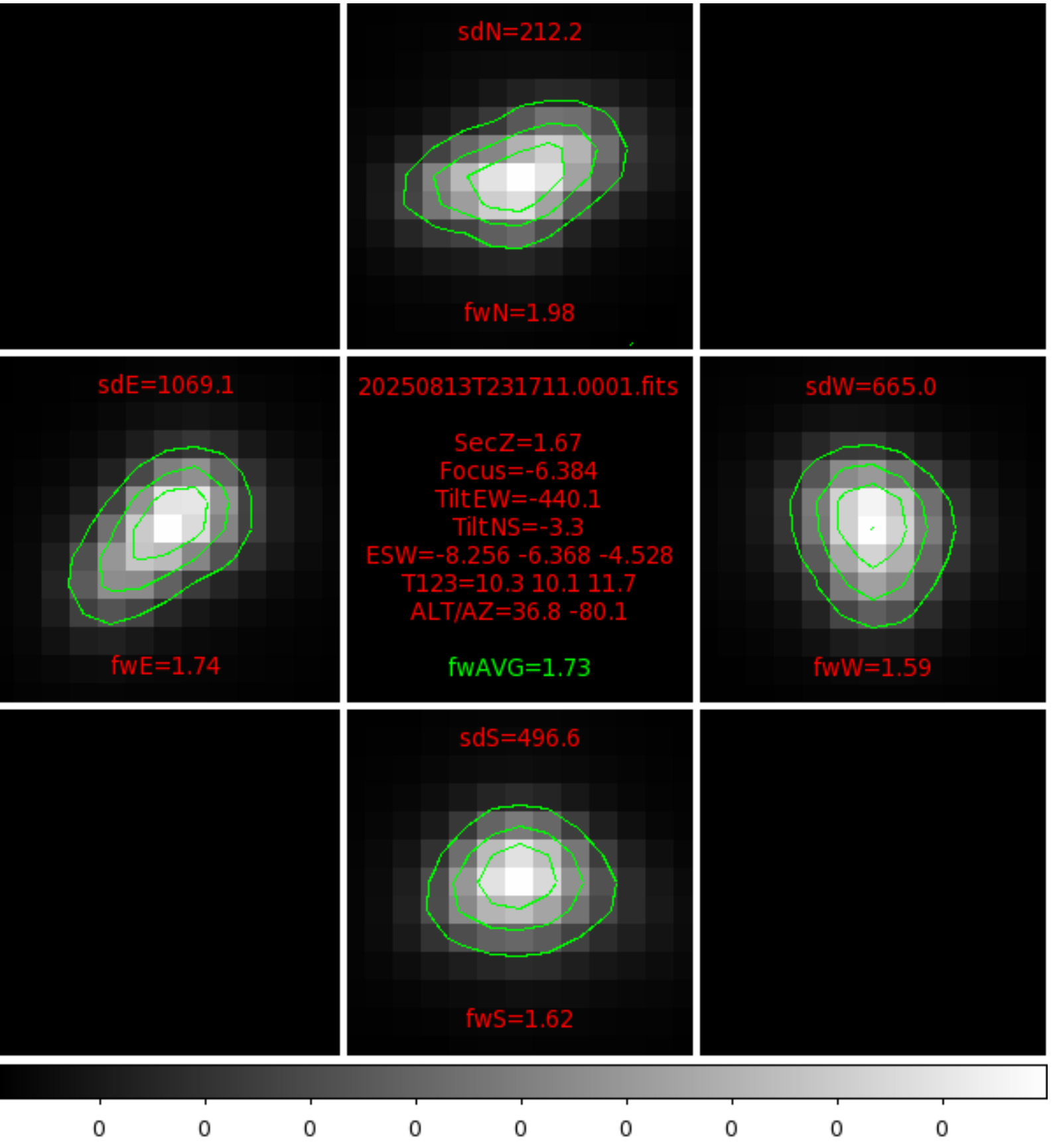
sdN=212.2
fwN=1.98
sdE=1069.1
fwE=1.74
20250813T231711.0001.fits
SecZ=1.67
Focus=-6.384
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.256 -6.368 -4.528
T123=10.3 10.1 11.7
ALT/AZ=36.8 -80.1
fwAVG=1.73
sdW=665.0
fwW=1.59
sdS=496.6
fwS=1.62
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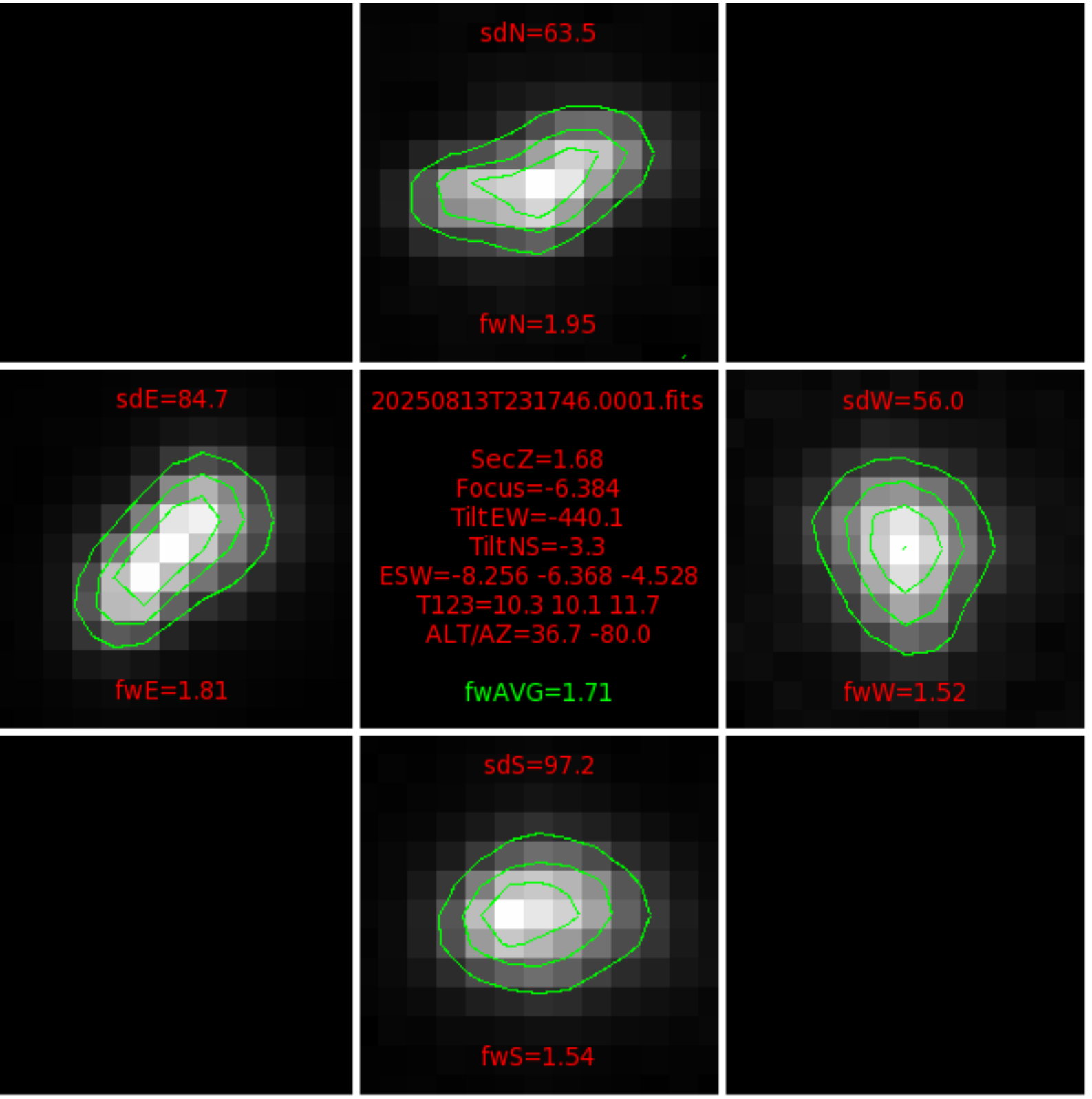
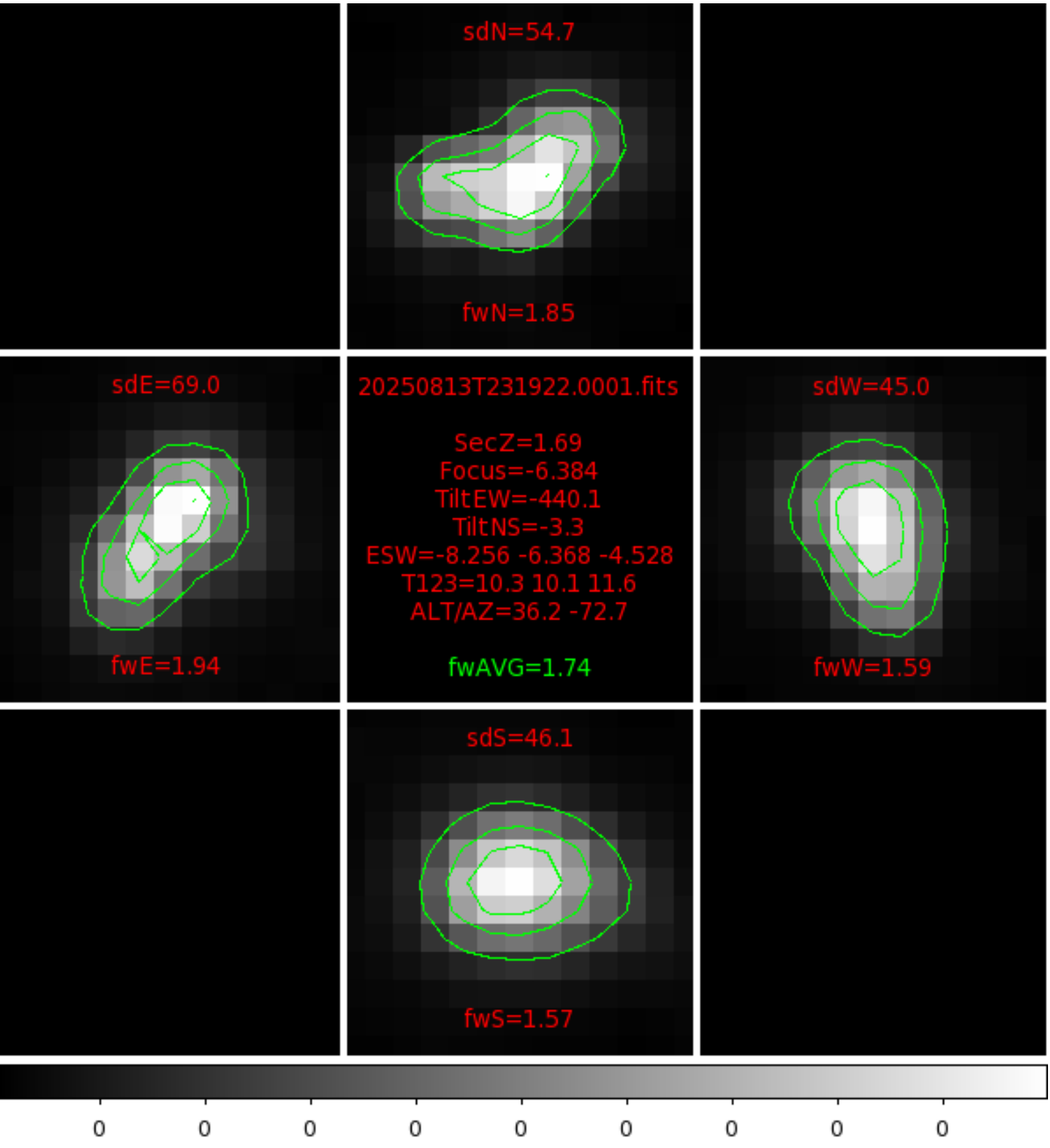
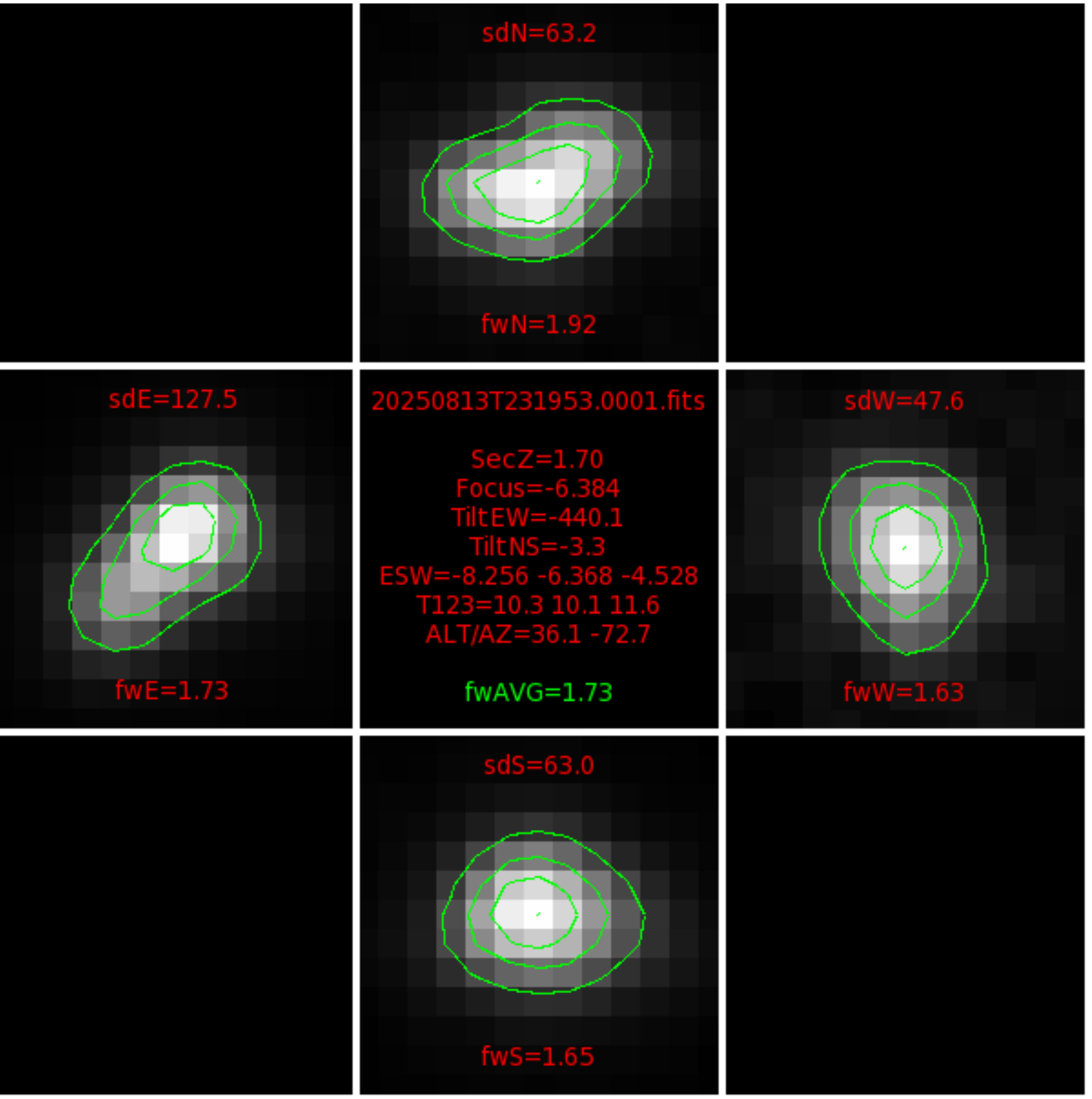
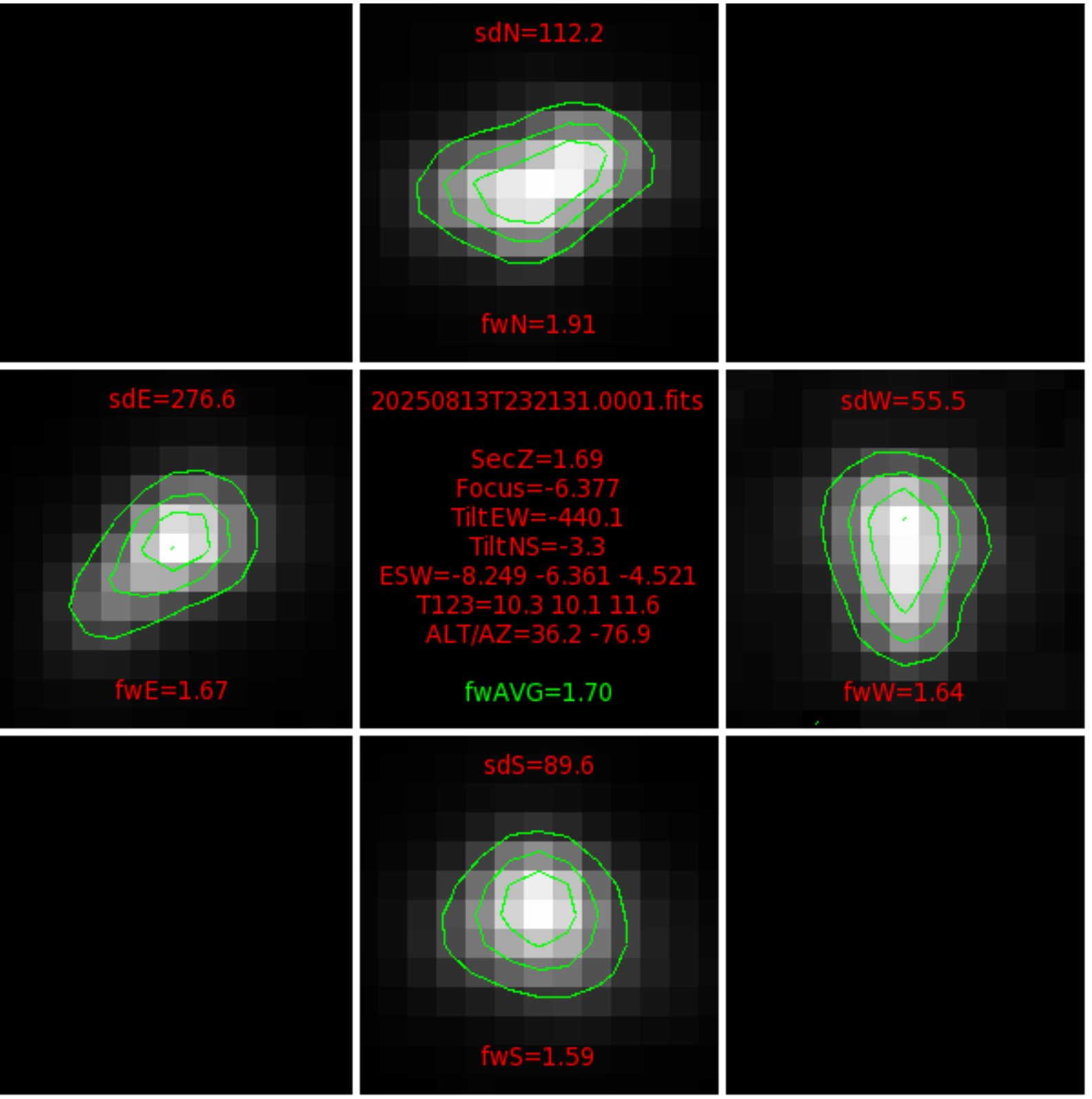
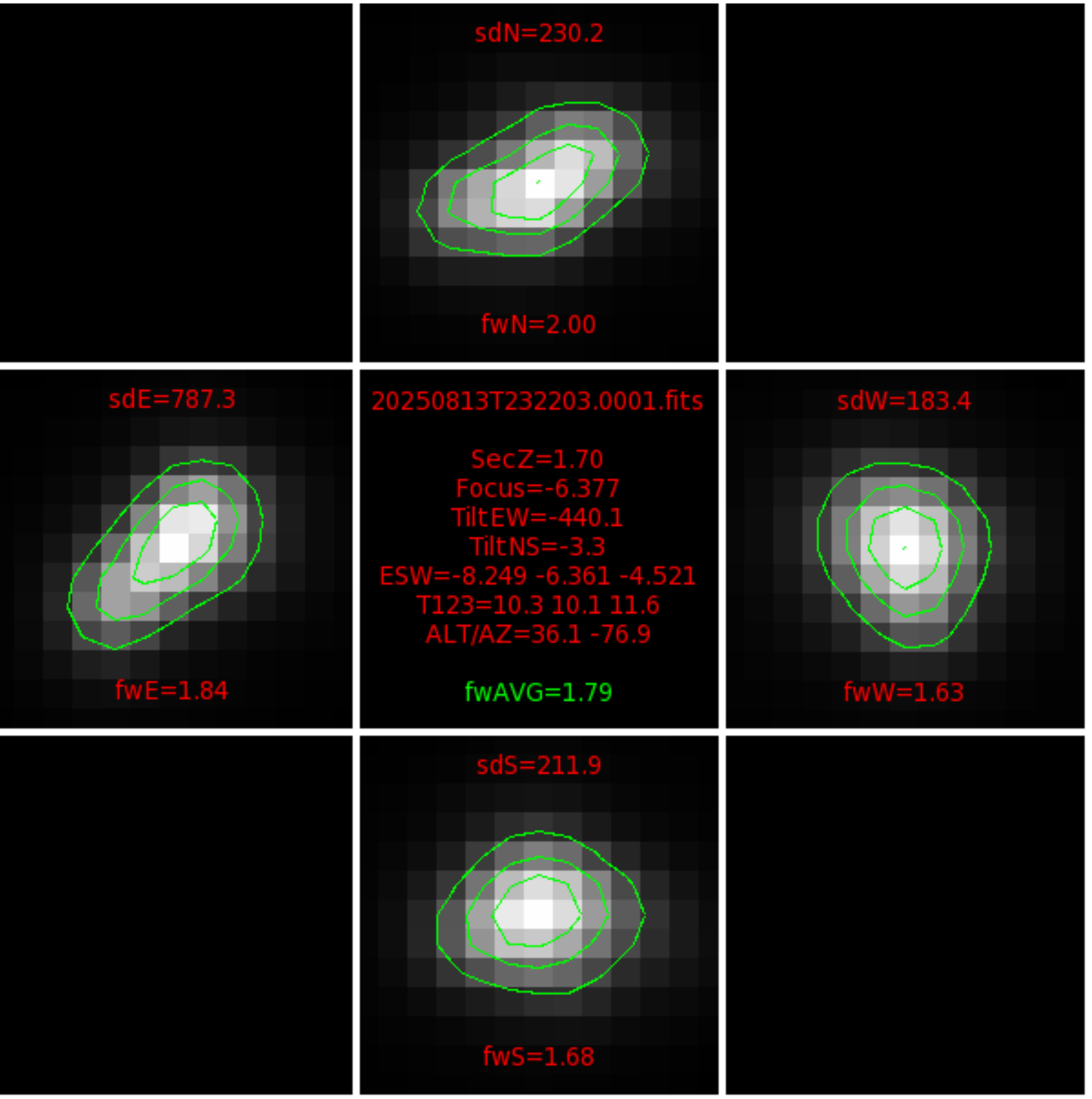

sdN=63.5
fwN=1.95
sdE=84.7
fwE=1.81
20250813T231746.0001.fits
SecZ=1.68
Focus=-6.384
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.256 -6.368 -4.528
T123=10.3 10.1 11.7
ALT/AZ=36.7 -80.0
fwAVG=1.71
sdW=56.0
fwW=1.52
sdS=97.2
fwS=1.54
0 0 0 0 0 0 0 0 0


sdN=54.7
fwN=1.85
sdE=69.0
fwE=1.94
20250813T231922.0001.fits
SecZ=1.69
Focus=-6.384
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.256 -6.368 -4.528
T123=10.3 10.1 11.6
ALT/AZ=36.2 -72.7
fwAVG=1.74
sdW=45.0
fwW=1.59
sdS=46.1
fwS=1.57
0 0 0 0 0 0 0 0 0


sdN=63.2
fwN=1.92
sdE=127.5
fwE=1.73
20250813T231953.0001.fits
SecZ=1.70
Focus=-6.384
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.256 -6.368 -4.528
T123=10.3 10.1 11.6
ALT/AZ=36.1 -72.7
fwAVG=1.73
sdW=47.6
fwW=1.63
sdS=63.0
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=112.2
fwN=1.91
sdE=276.6
fwE=1.67
20250813T232131.0001.fits
SecZ=1.69
Focus=-6.377
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.249 -6.361 -4.521
T123=10.3 10.1 11.6
ALT/AZ=36.2 -76.9
fwAVG=1.70
sdW=55.5
fwW=1.64
sdS=89.6
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=230.2
fwN=2.00
sdE=787.3
fwE=1.84
20250813T232203.0001.fits
SecZ=1.70
Focus=-6.377
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.249 -6.361 -4.521
T123=10.3 10.1 11.6
ALT/AZ=36.1 -76.9
fwAVG=1.79
sdW=183.4
fwW=1.63
sdS=211.9
fwS=1.68
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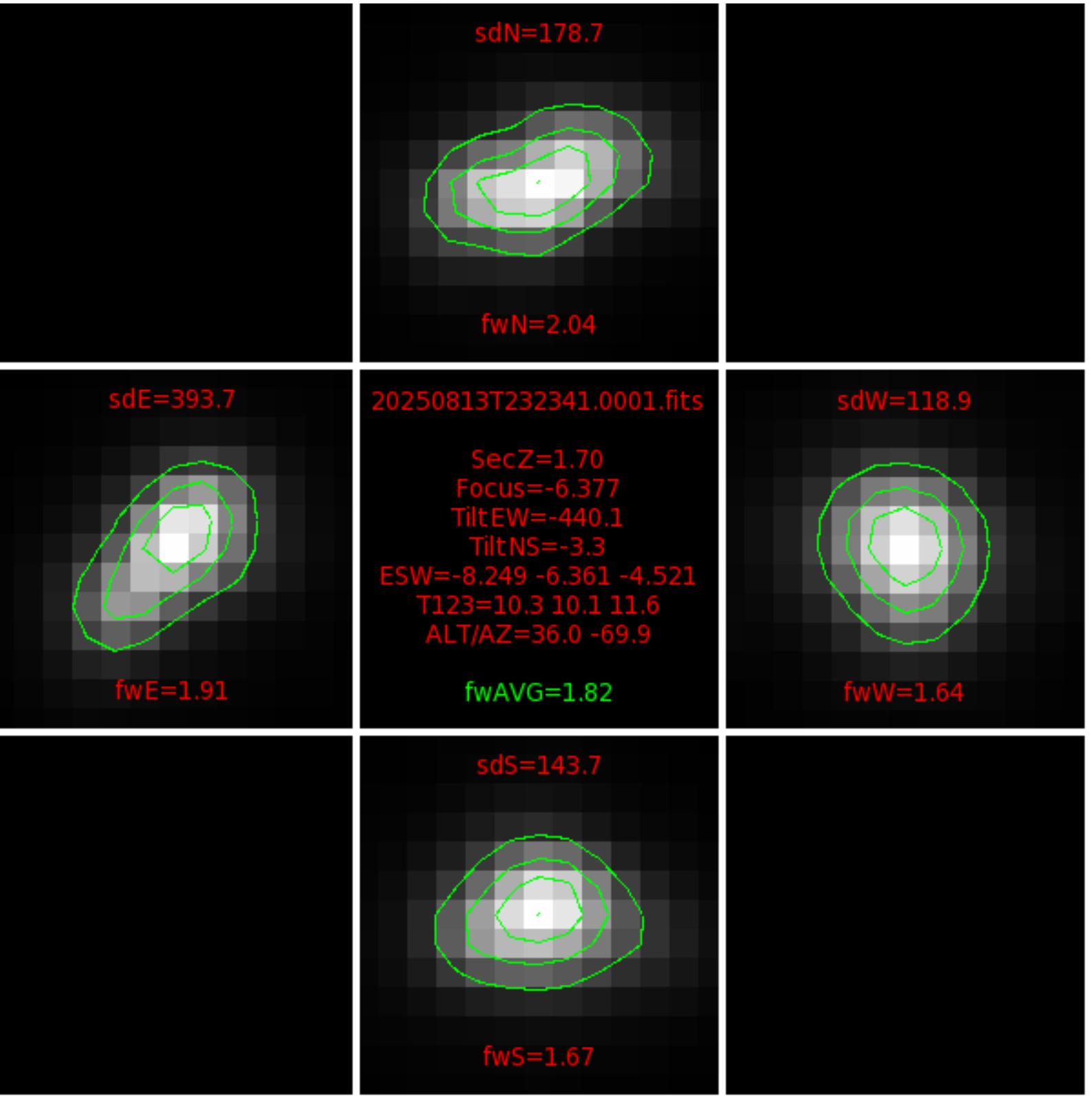
sdN=178.7
fwN=2.04
sdE=393.7
fwE=1.91
20250813T232341.0001.fits
SecZ=1.70
Focus=-6.377
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.249 -6.361 -4.521
T123=10.3 10.1 11.6
ALT/AZ=36.0 -69.9
fwAVG=1.82
sdW=118.9
fwW=1.64
sdS=143.7
fwS=1.67
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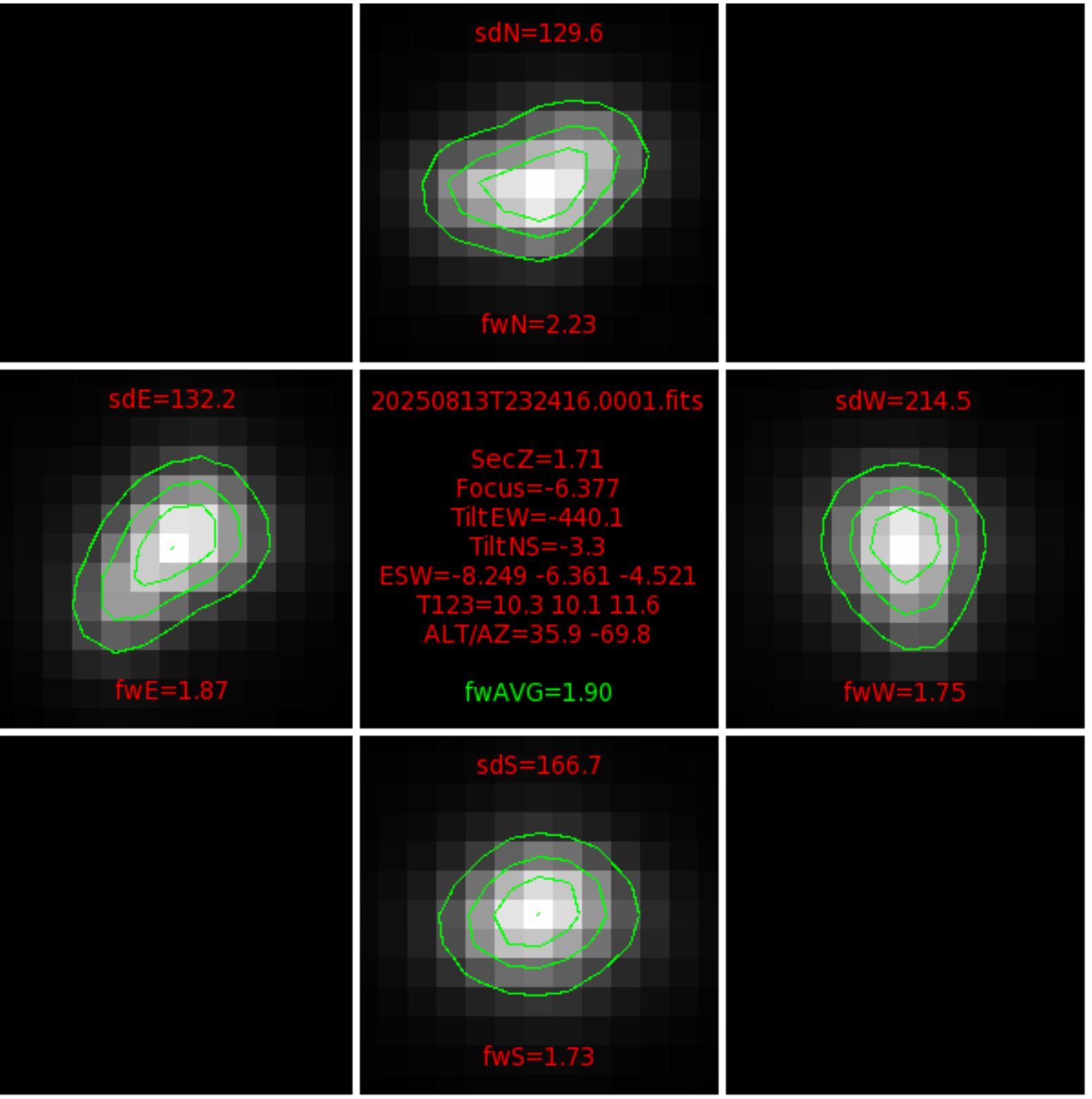
sdN=129.6
fwN=2.23
sdE=132.2
fwE=1.87
20250813T232416.0001.fits
SecZ=1.71
Focus=-6.377
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.249 -6.361 -4.521
T123=10.3 10.1 11.6
ALT/AZ=35.9 -69.8
fwAVG=1.90
sdW=214.5
fwW=1.75
sdS=166.7
fwS=1.73
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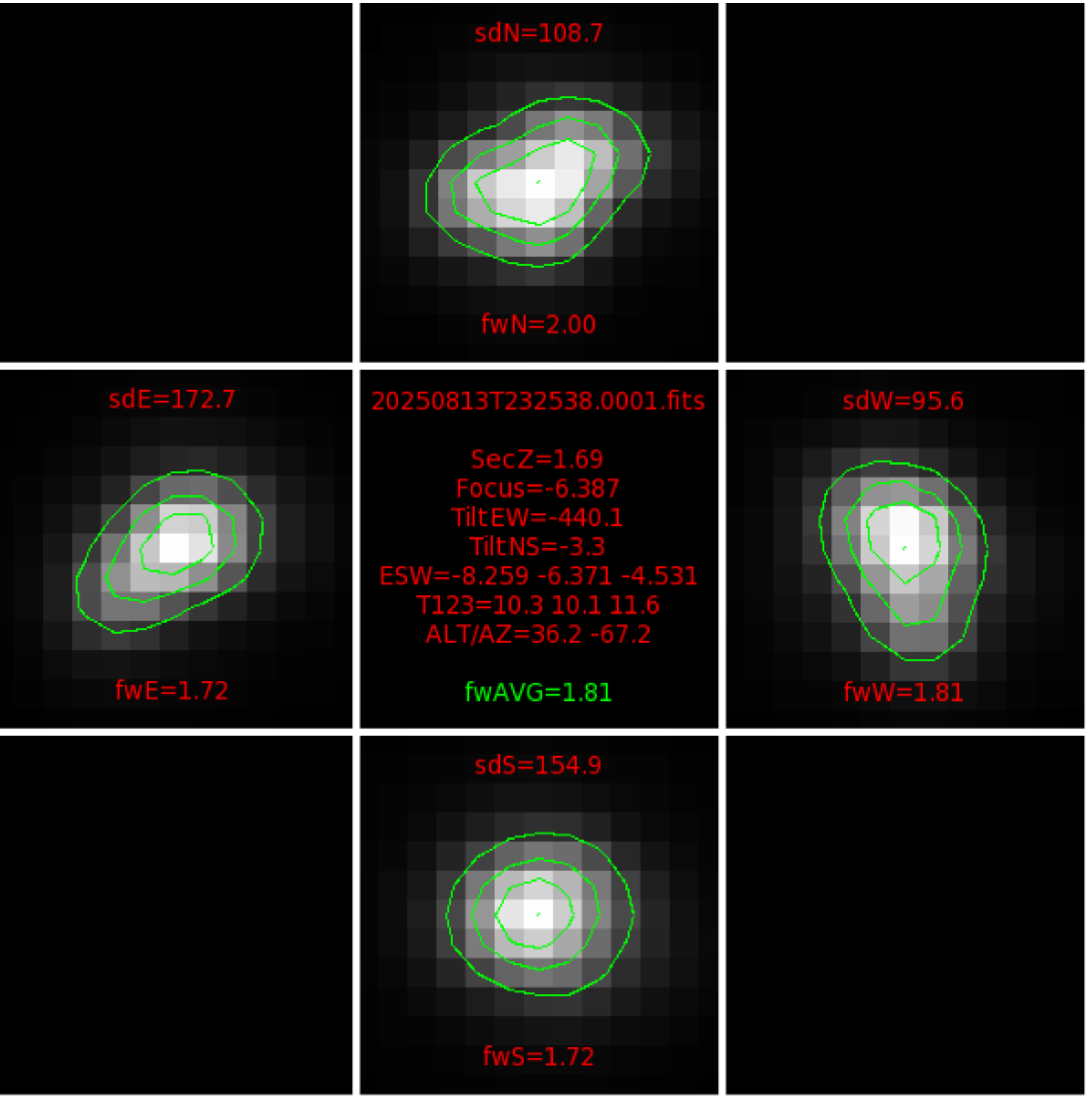
sdN=108.7
fwN=2.00
sdE=172.7
fwE=1.72
20250813T232538.0001.fits
SecZ=1.69
Focus=-6.387
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.259 -6.371 -4.531
T123=10.3 10.1 11.6
ALT/AZ=36.2 -67.2
fwAVG=1.81
sdW=95.6
fwW=1.81
sdS=154.9
fwS=1.72
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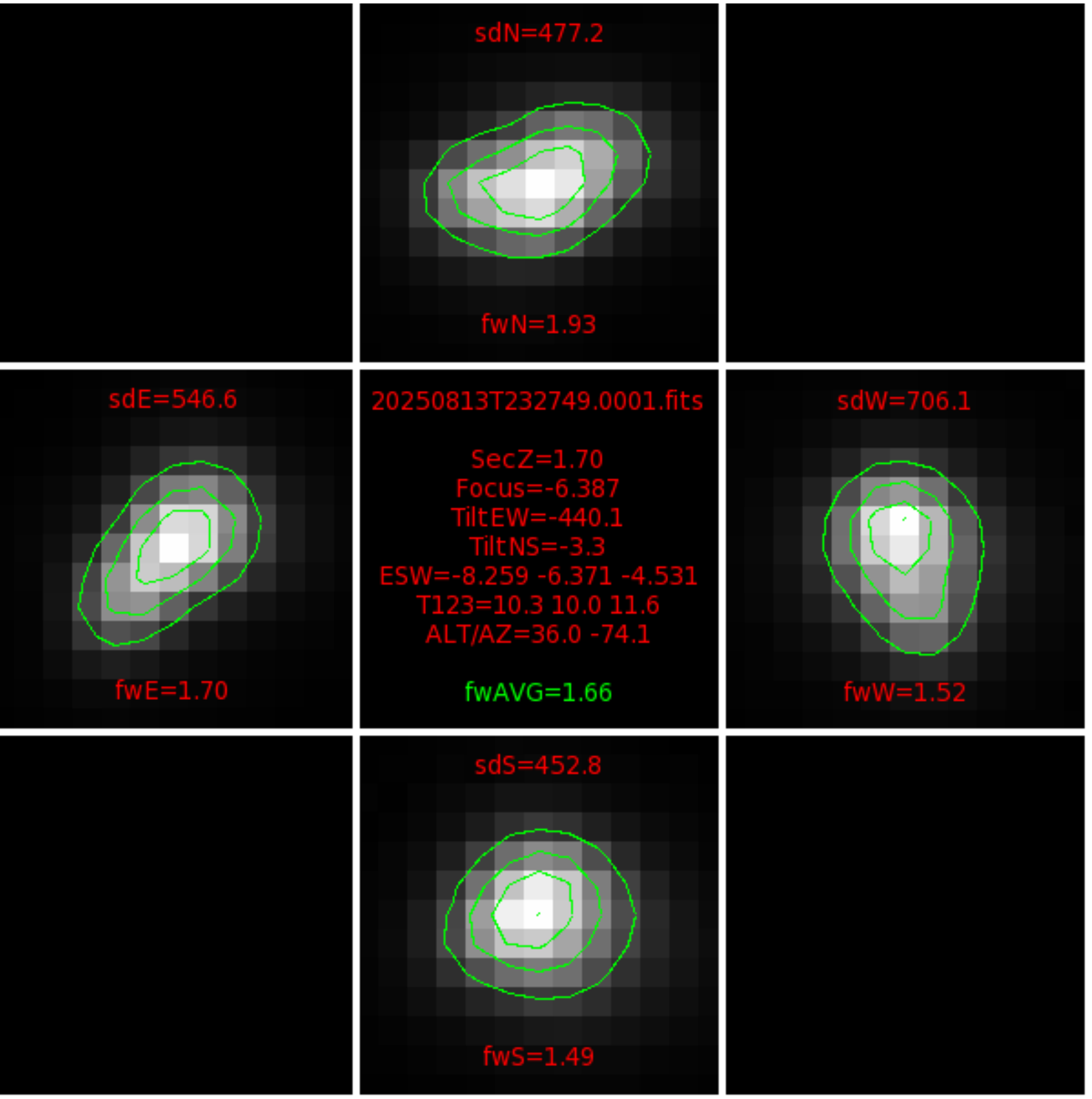
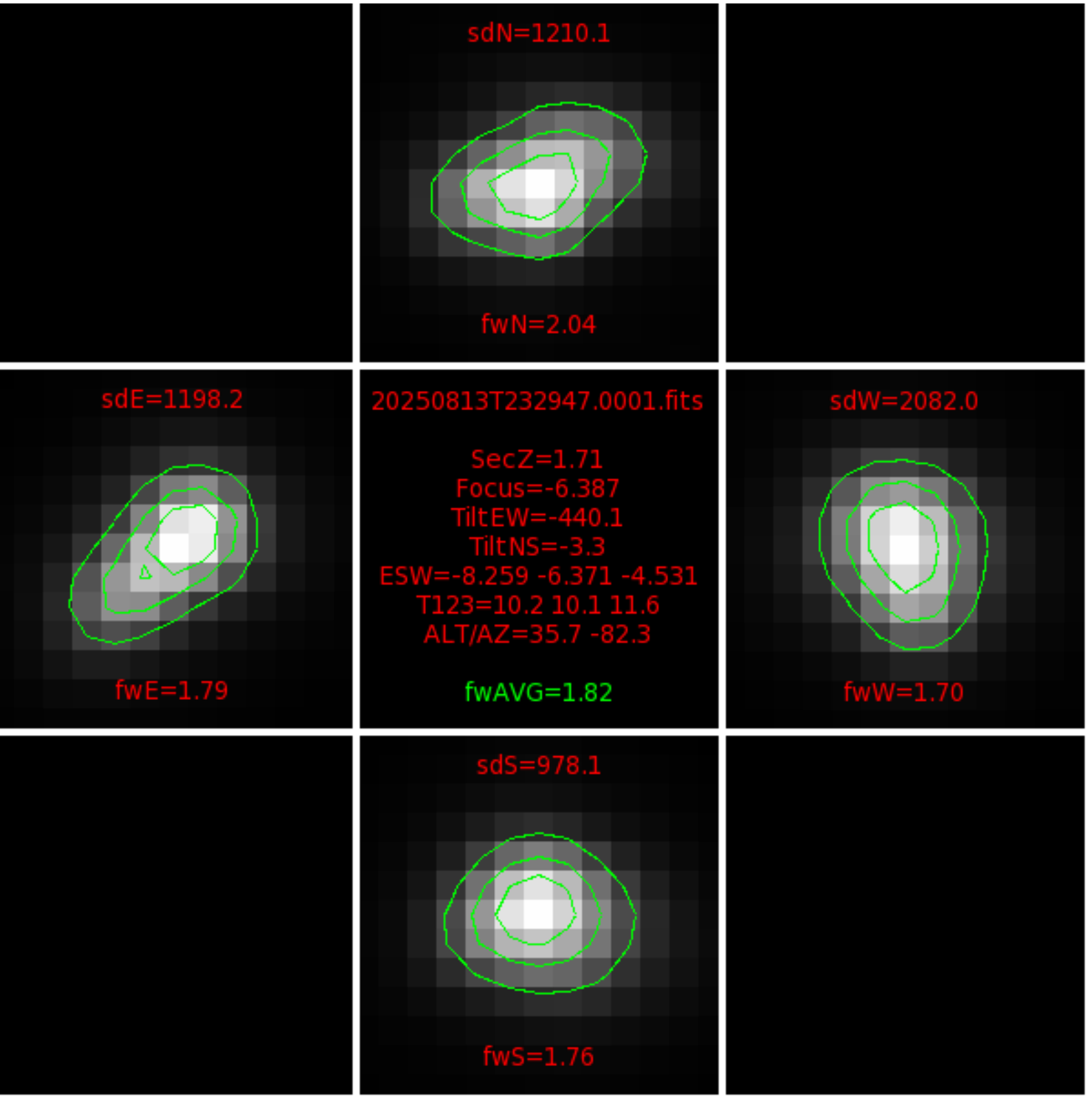

sdN=477.2
fwN=1.93
sdE=546.6
fwE=1.70
20250813T232749.0001.fits
SecZ=1.70
Focus=-6.387
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.259 -6.371 -4.531
T123=10.3 10.0 11.6
ALT/AZ=36.0 -74.1
fwAVG=1.66
sdW=706.1
fwW=1.52
sdS=452.8
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=1210.1
fwN=2.04
sdE=1198.2
fwE=1.79
20250813T232947.0001.fits
SecZ=1.71
Focus=-6.387
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.259 -6.371 -4.531
T123=10.2 10.1 11.6
ALT/AZ=35.7 -82.3
fwAVG=1.82
sdW=2082.0
fwW=1.70
sdS=978.1
fwS=1.76
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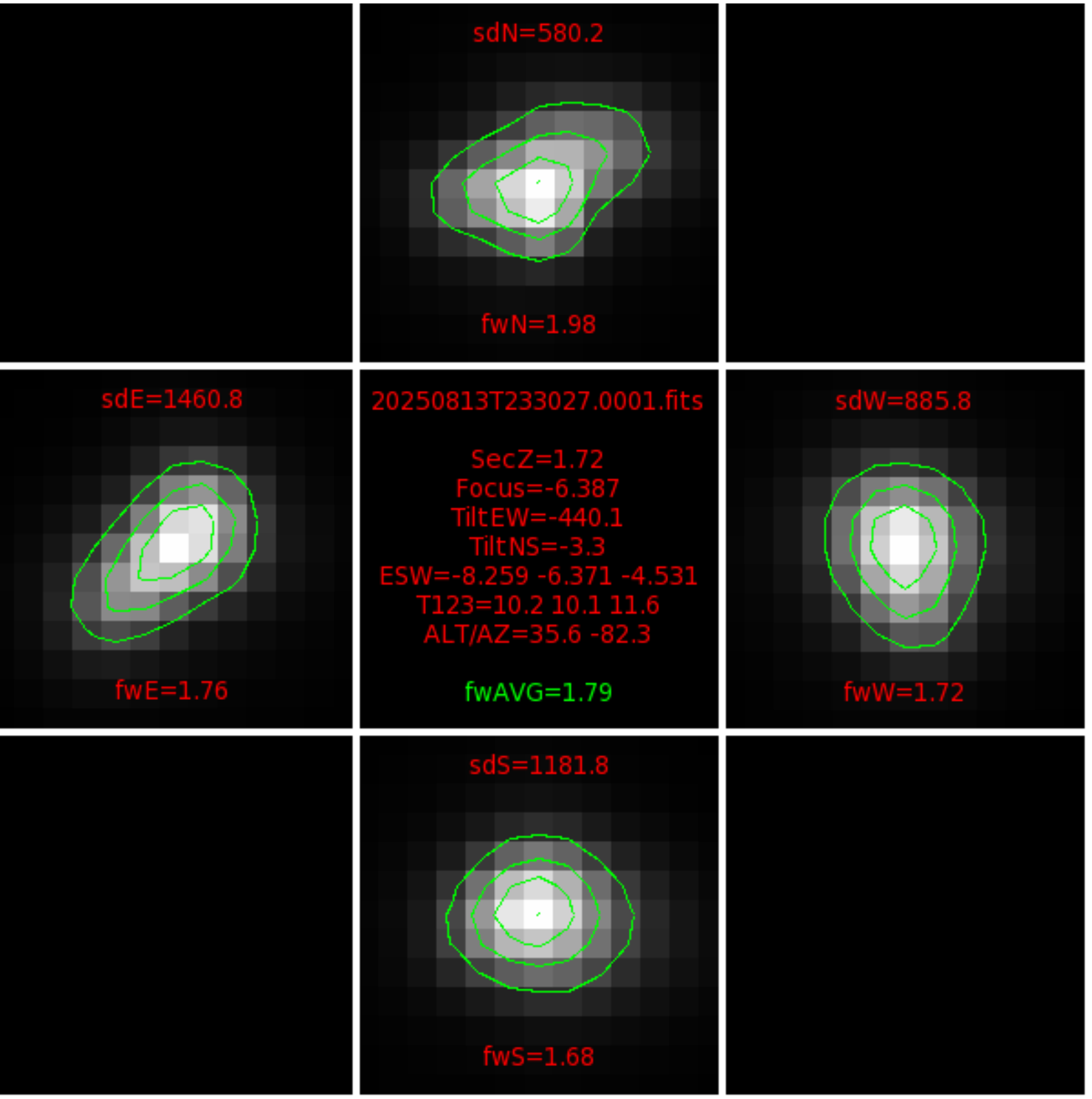
sdN=580.2
fwN=1.98
sdE=1460.8
fwE=1.76
20250813T233027.0001.fits
SecZ=1.72
Focus=-6.387
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.259 -6.371 -4.531
T123=10.2 10.1 11.6
ALT/AZ=35.6 -82.3
fwAVG=1.79
sdW=885.8
fwW=1.72
sdS=1181.8
fwS=1.68
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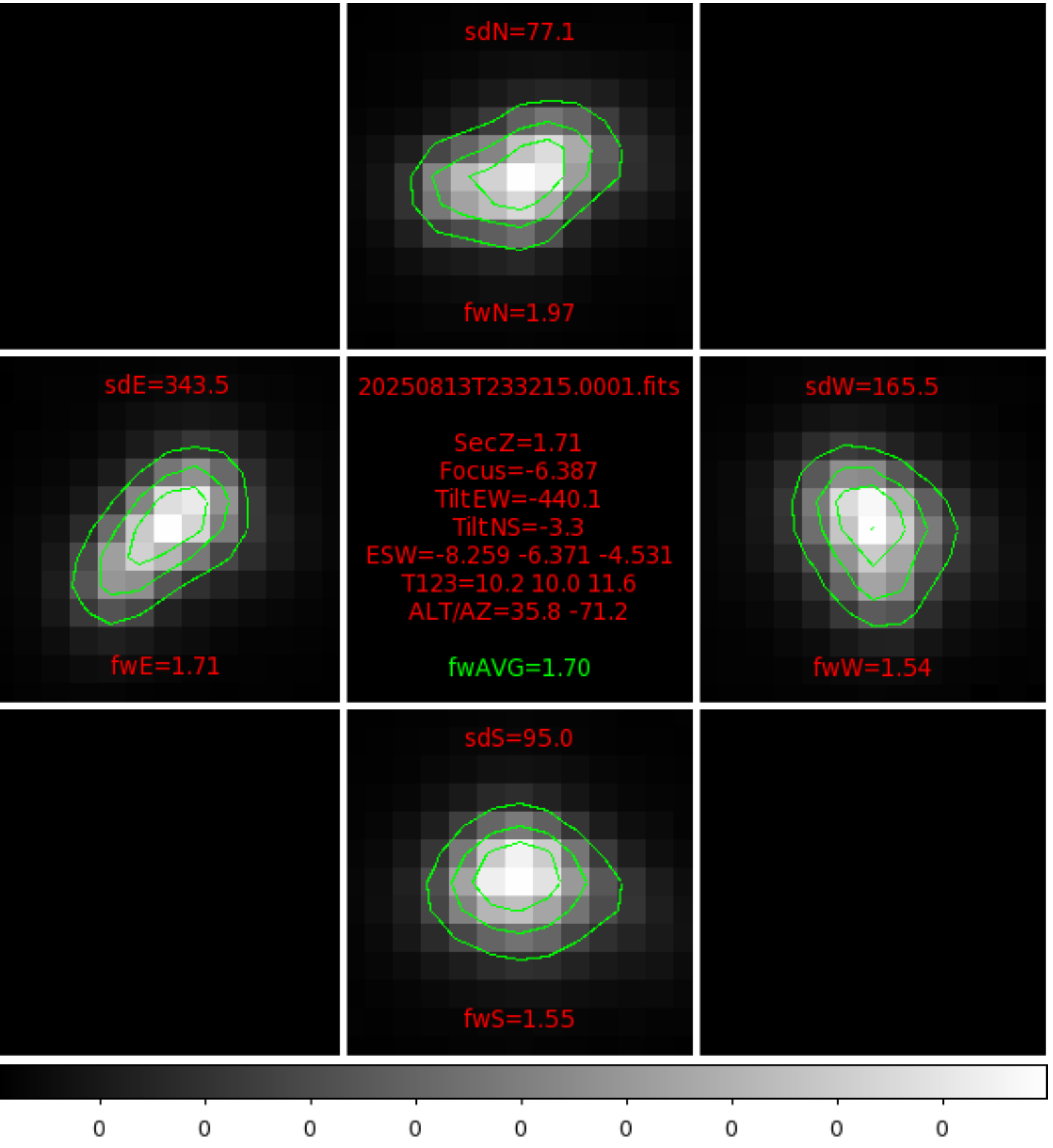
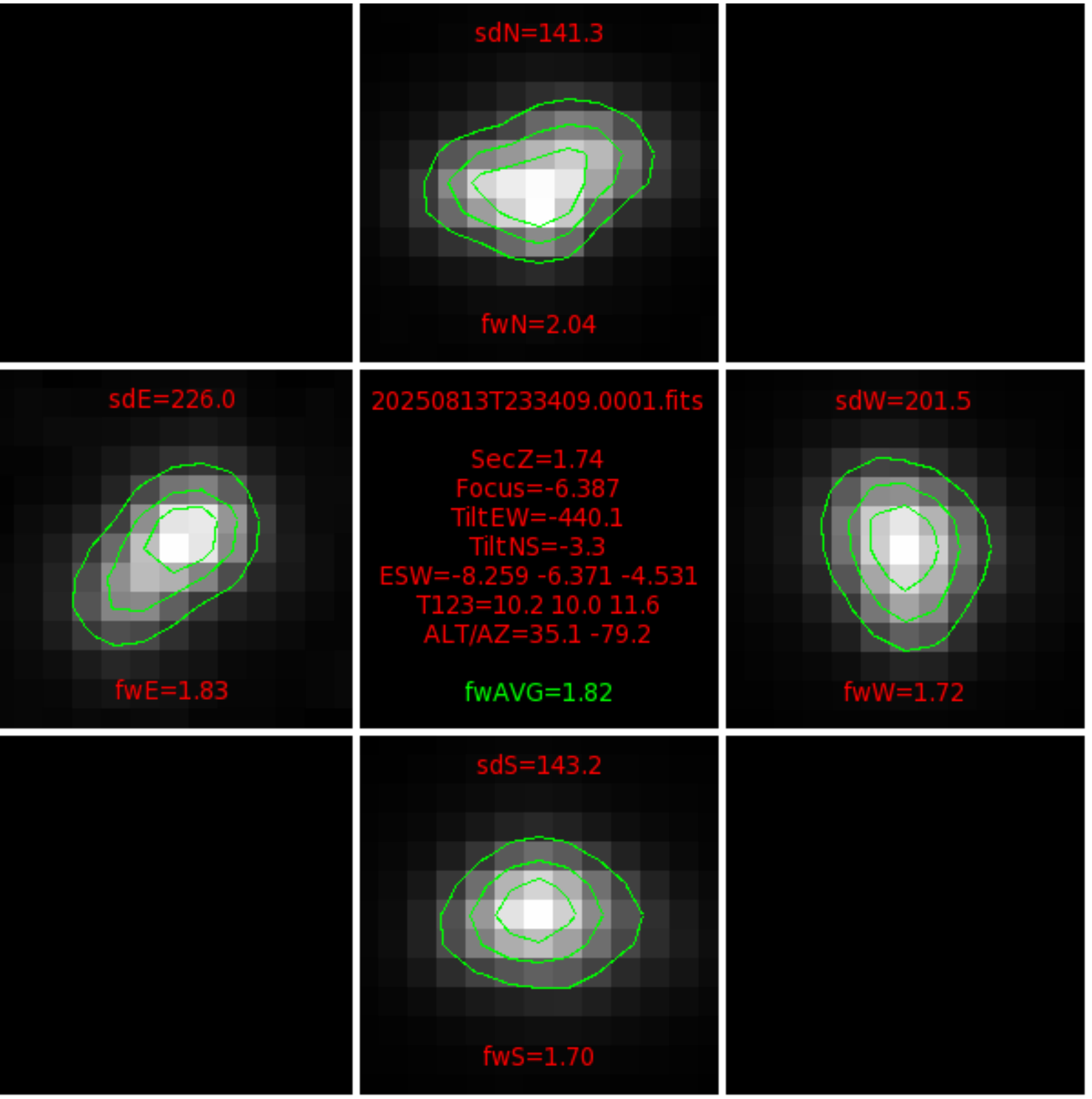

sdN=77.1
fwN=1.97
sdE=343.5
fwE=1.71
20250813T233215.0001.fits
SecZ=1.71
Focus=-6.387
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.259 -6.371 -4.531
T123=10.2 10.0 11.6
ALT/AZ=35.8 -71.2
fwAVG=1.70
sdW=165.5
fwW=1.54
sdS=95.0
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=141.3
fwN=2.04
sdE=226.0
fwE=1.83
20250813T233409.0001.fits
SecZ=1.74
Focus=-6.387
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.259 -6.371 -4.531
T123=10.2 10.0 11.6
ALT/AZ=35.1 -79.2
fwAVG=1.82
sdW=201.5
fwW=1.72
sdS=143.2
fwS=1.70
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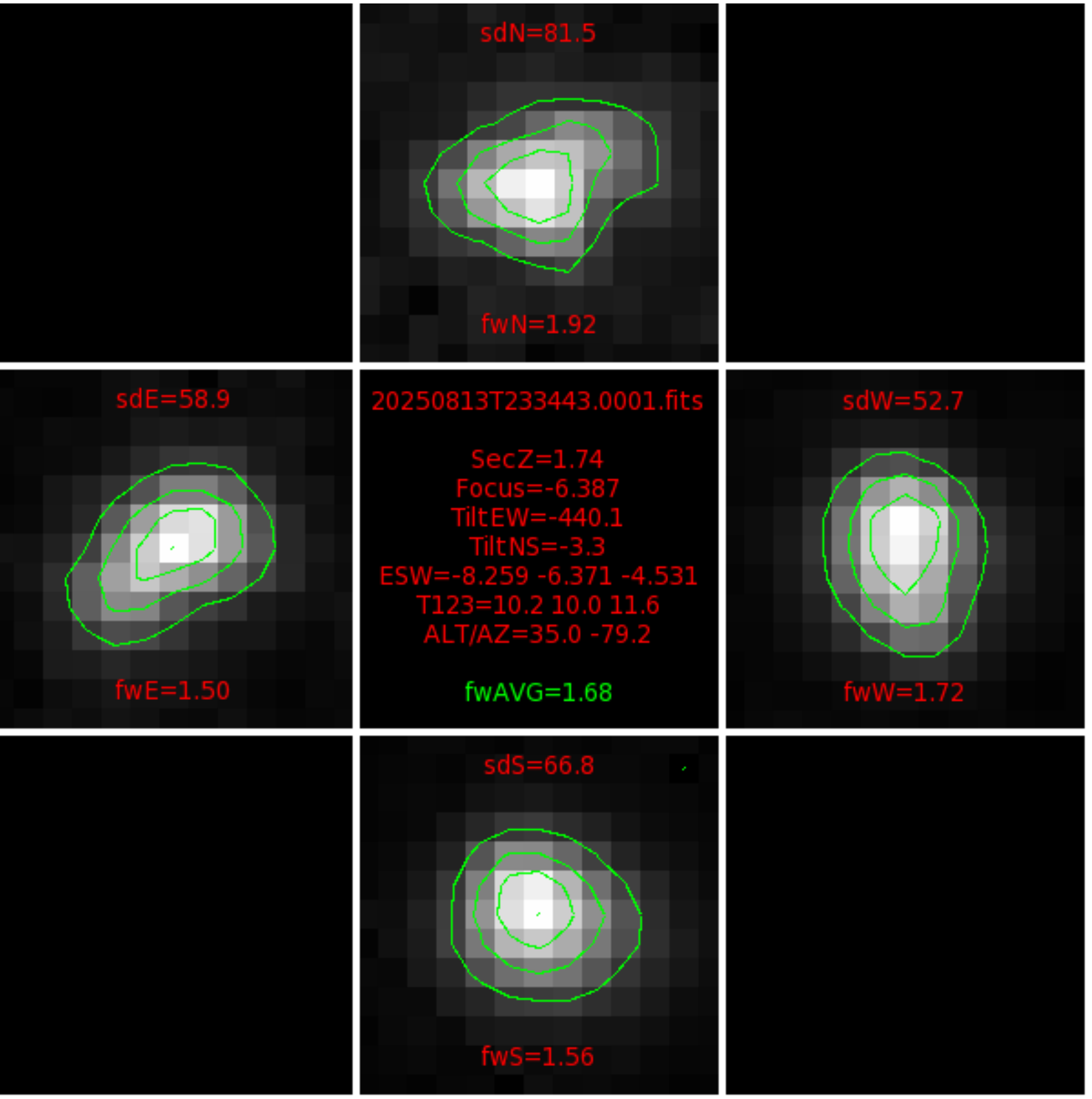
sdN=81.5
fwN=1.92
sdE=58.9
fwE=1.50
20250813T233443.0001.fits
SecZ=1.74
Focus=-6.387
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.259 -6.371 -4.531
T123=10.2 10.0 11.6
ALT/AZ=35.0 -79.2
fwAVG=1.68
sdW=52.7
fwW=1.72
sdS=66.8
fwS=1.56
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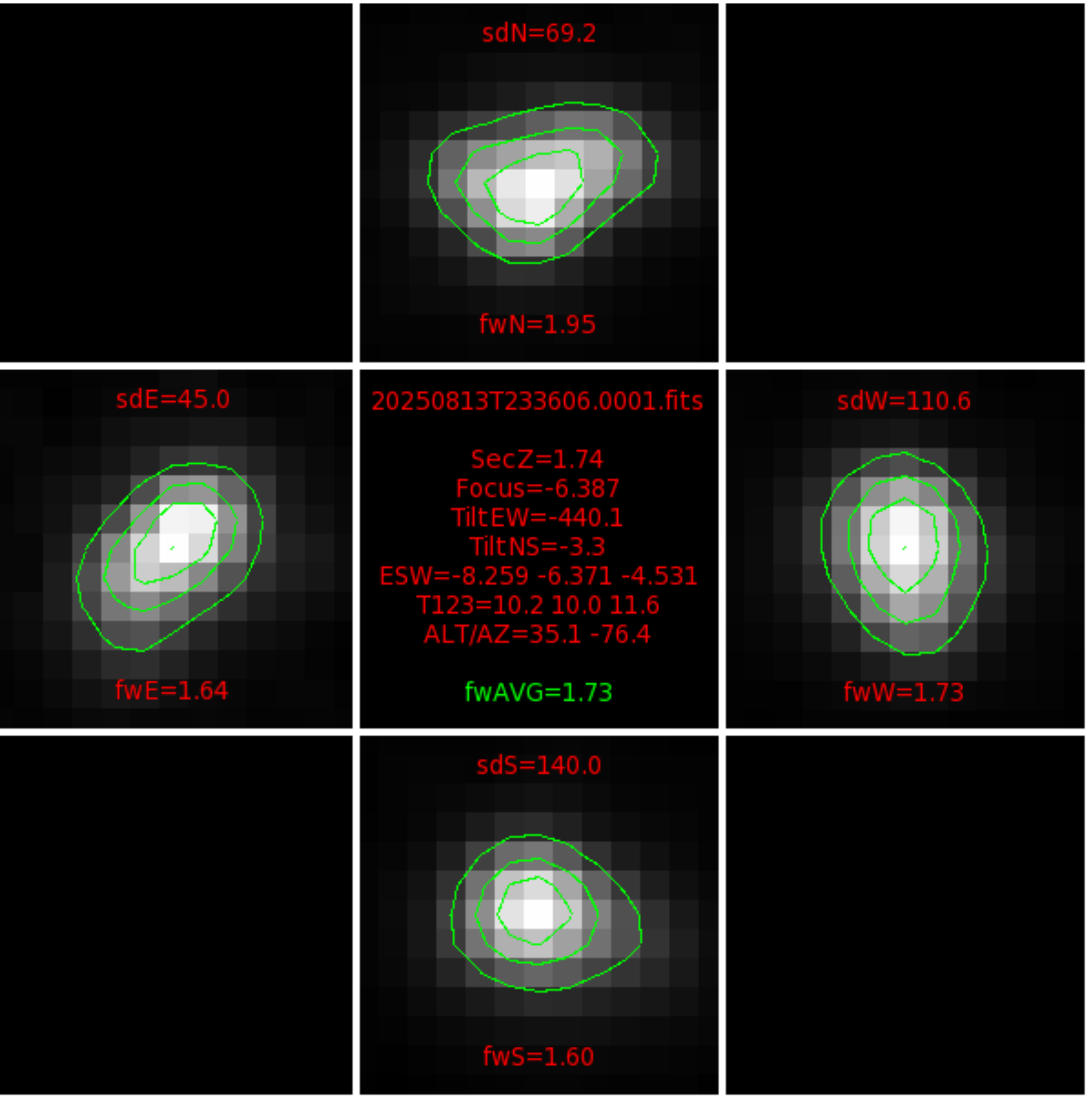
sdN=69.2
fwN=1.95
sdE=45.0
fwE=1.64
20250813T233606.0001.fits
SecZ=1.74
Focus=-6.387
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.259 -6.371 -4.531
T123=10.2 10.0 11.6
ALT/AZ=35.1 -76.4
fwAVG=1.73
sdW=110.6
fwW=1.73
sdS=140.0
fwS=1.60
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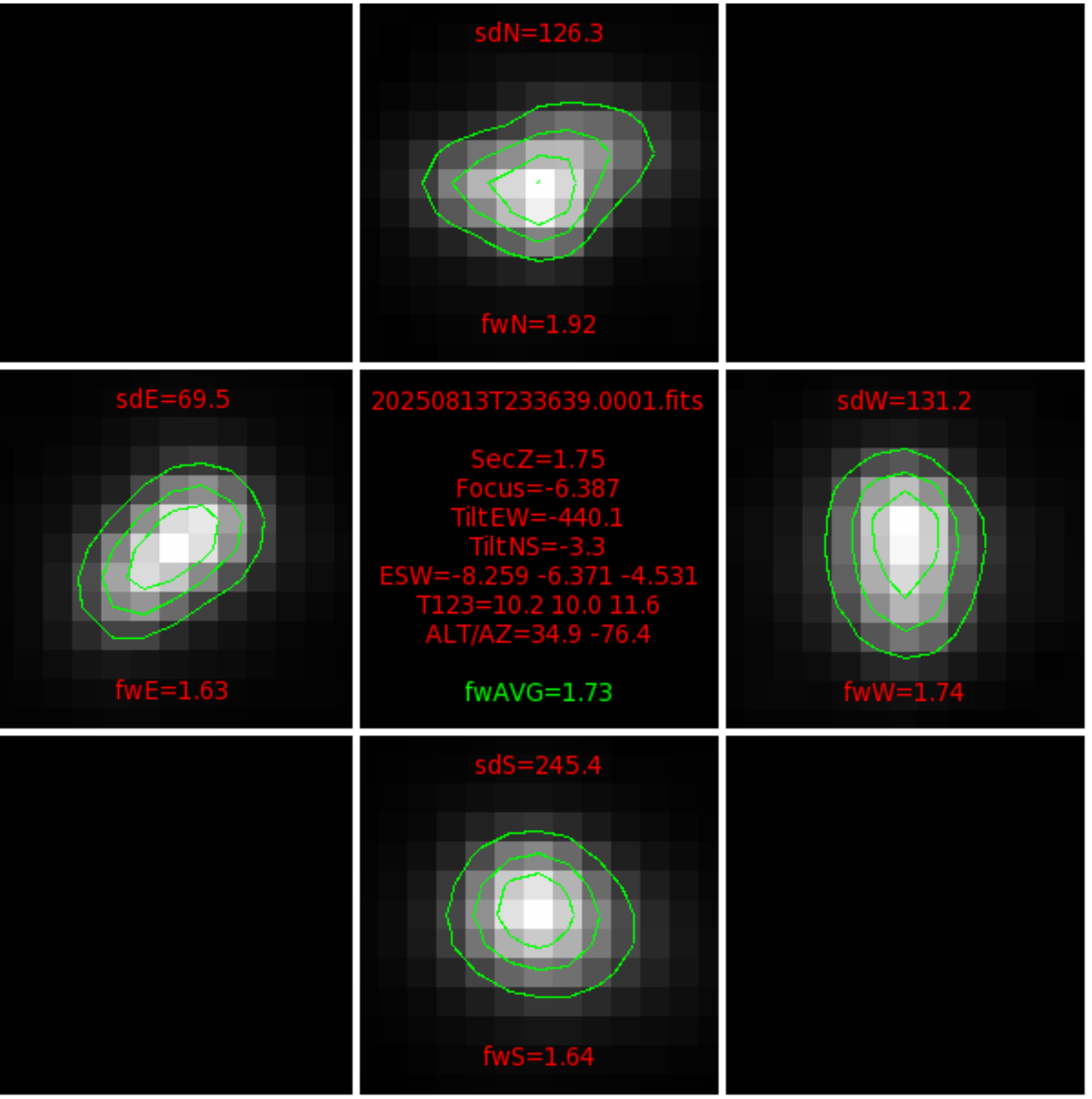
sdN=126.3
fwN=1.92
sdE=69.5
fwE=1.63
20250813T233639.0001.fits
SecZ=1.75
Focus=-6.387
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.259 -6.371 -4.531
T123=10.2 10.0 11.6
ALT/AZ=34.9 -76.4
fwAVG=1.73
sdW=131.2
fwW=1.74
sdS=245.4
fwS=1.64
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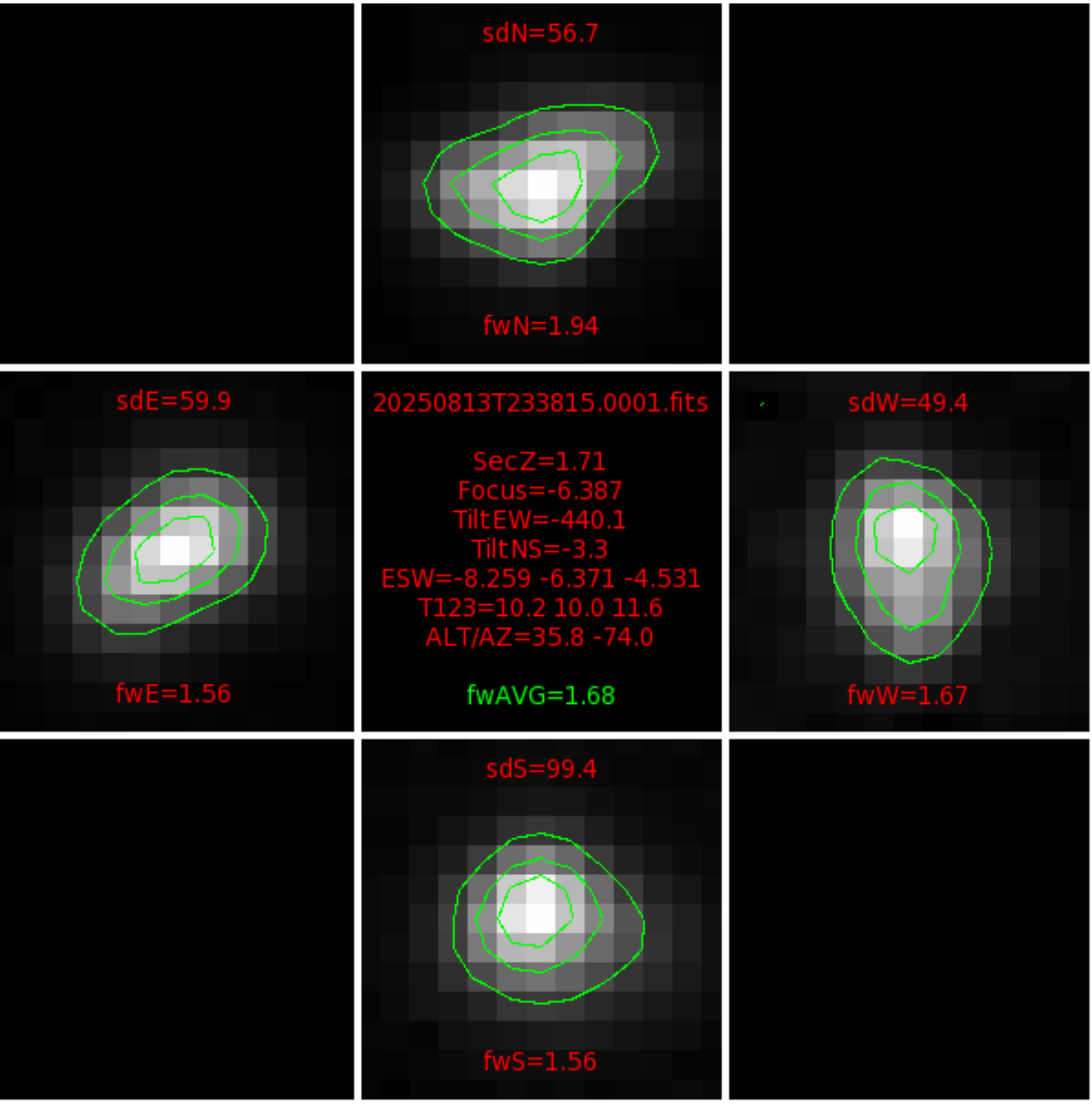
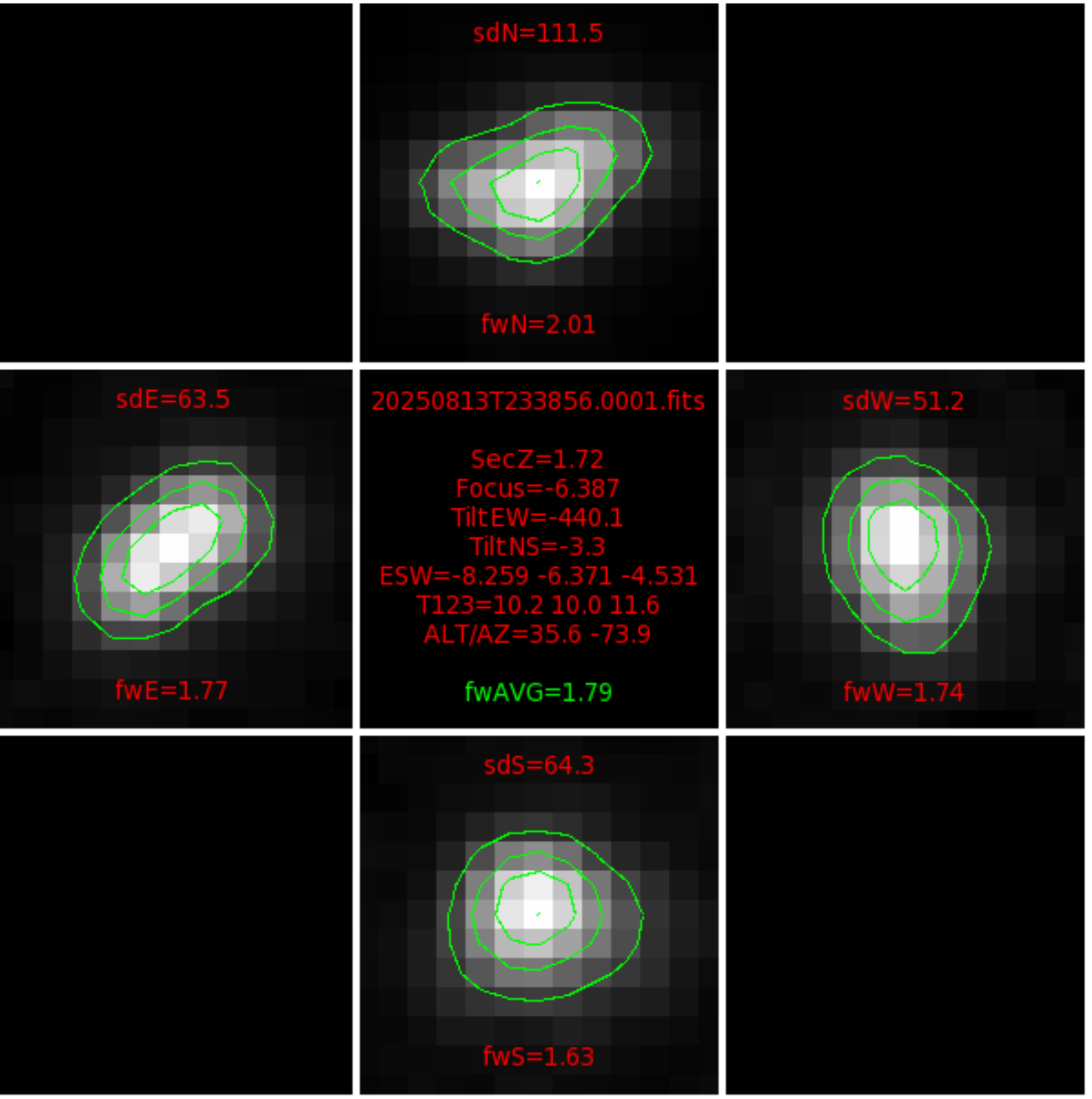

sdN=56.7
fwN=1.94
sdE=59.9
fwE=1.56
20250813T233815.0001.fits
SecZ=1.71
Focus=-6.387
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.259 -6.371 -4.531
T123=10.2 10.0 11.6
ALT/AZ=35.8 -74.0
fwAVG=1.68
sdW=49.4
fwW=1.67
sdS=99.4
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=111.5
fwN=2.01
sdE=63.5
fwE=1.77
20250813T233856.0001.fits
SecZ=1.72
Focus=-6.387
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.259 -6.371 -4.531
T123=10.2 10.0 11.6
ALT/AZ=35.6 -73.9
fwAVG=1.79
sdW=51.2
fwW=1.74
sdS=64.3
fwS=1.63
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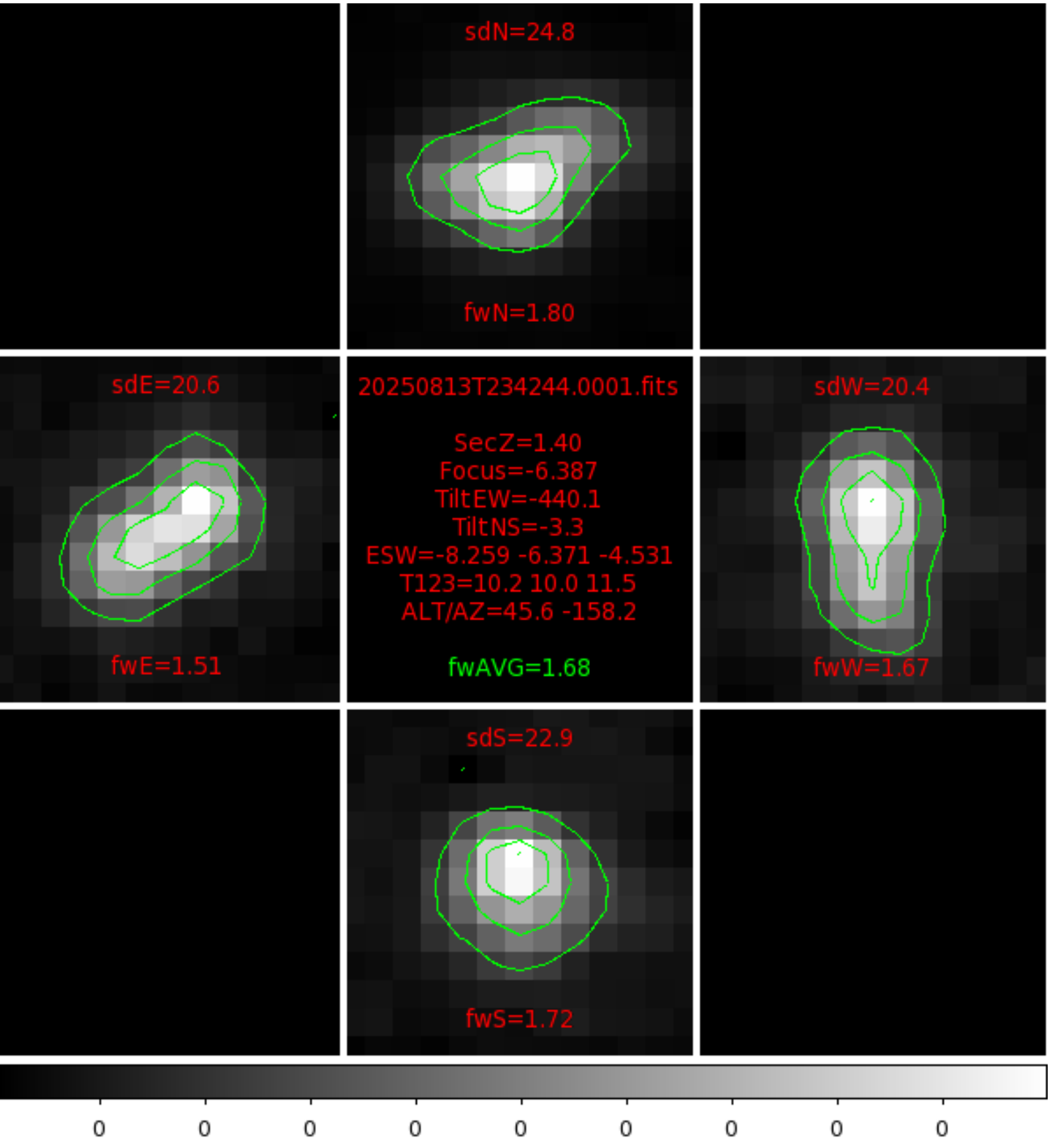
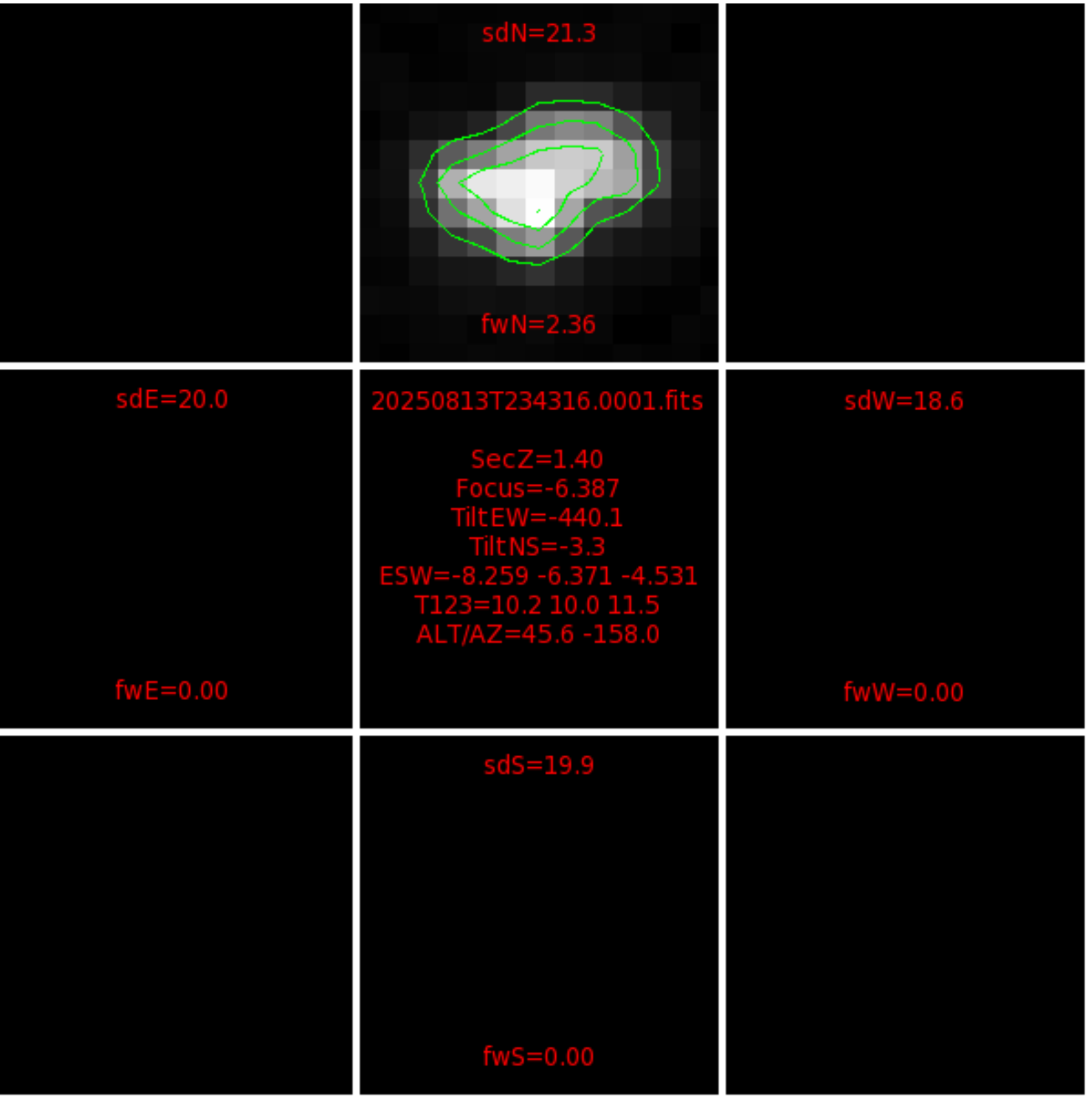

sdN=24.8
fwN=1.80
sdE=20.6
fwE=1.51
20250813T234244.0001.fits
SecZ=1.40
Focus=-6.387
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.259 -6.371 -4.531
T123=10.2 10.0 11.5
ALT/AZ=45.6 -158.2
fwAVG=1.68
sdW=20.4
fwW=1.67
sdS=22.9
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=21.3
fwN=2.36
sdE=20.0
fwE=0.00
20250813T234316.0001.fits
SecZ=1.40
Focus=-6.387
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.259 -6.371 -4.531
T123=10.2 10.0 11.5
ALT/AZ=45.6 -158.0
sdW=18.6
fwW=0.00
sdS=19.9
fwS=0.00
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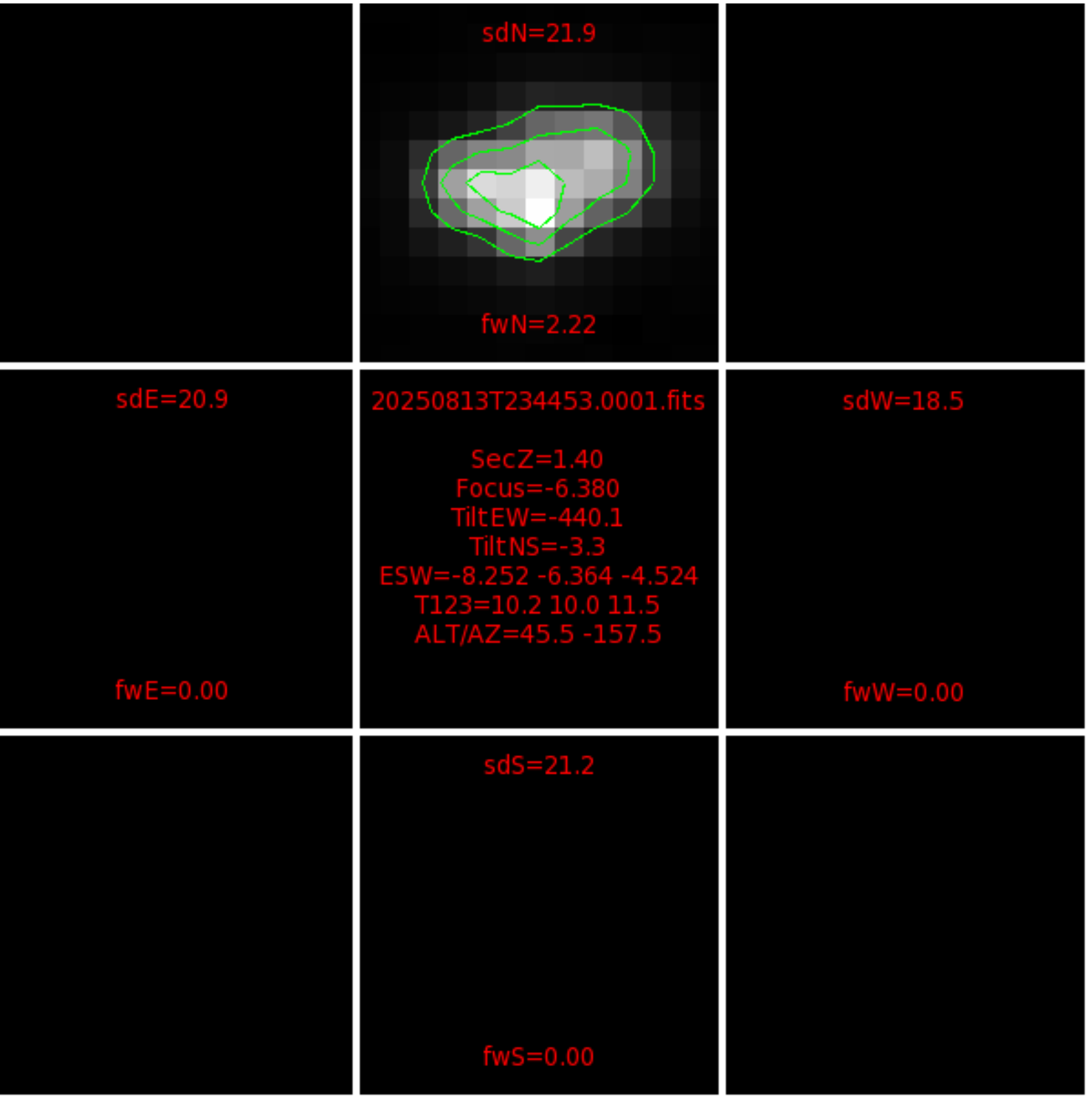
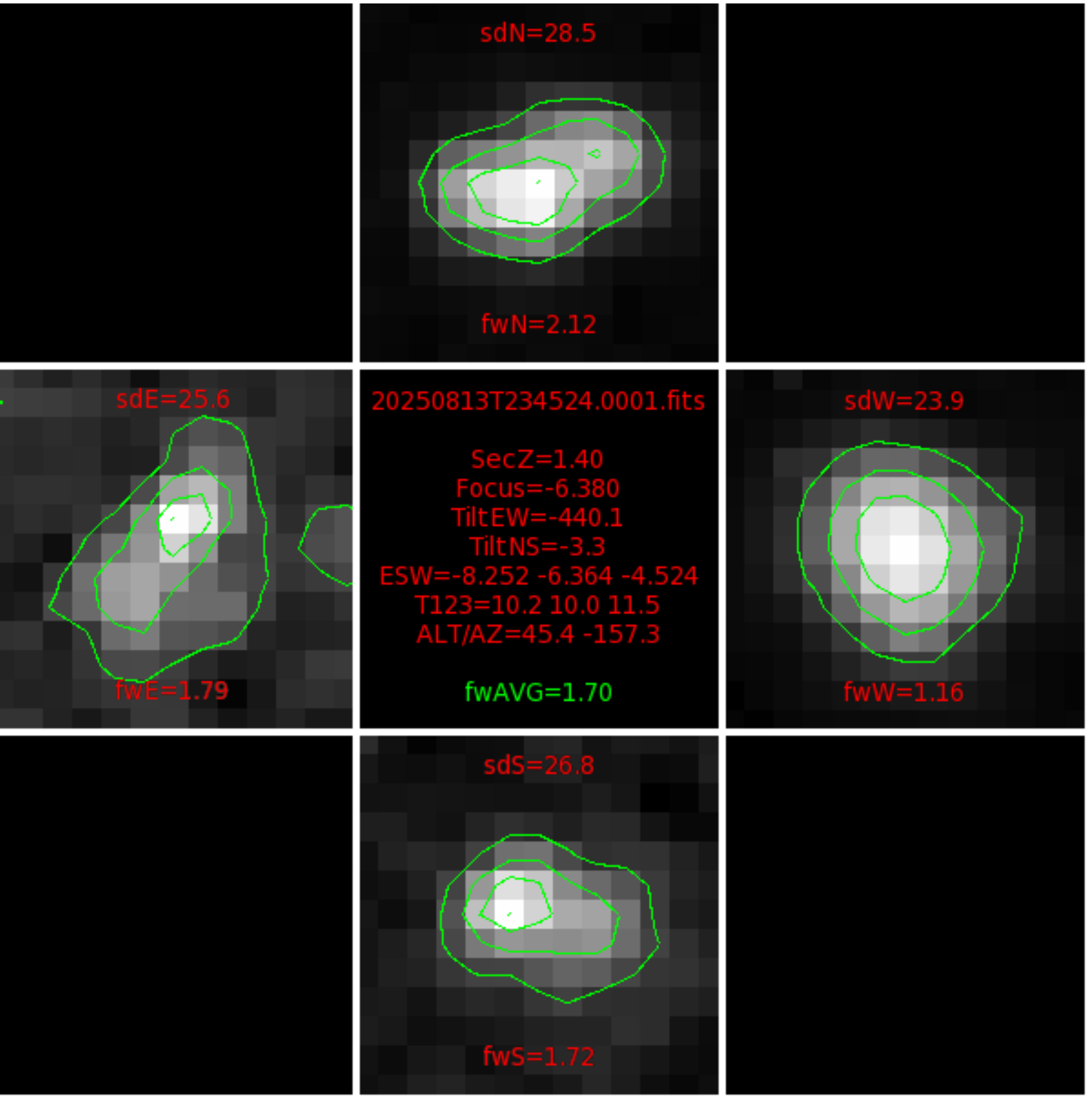
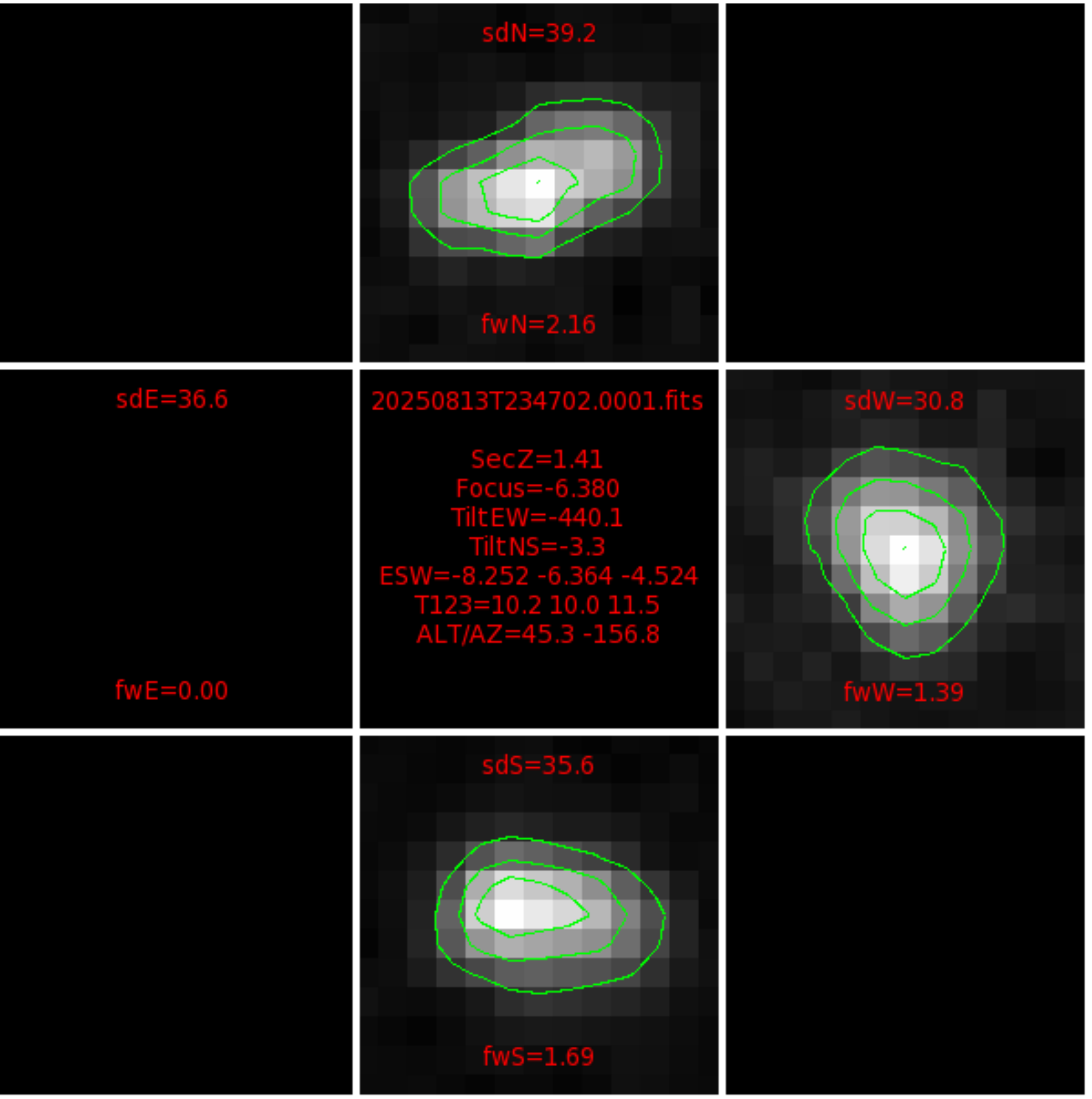

sdN=21.9
fwN=2.22
sdE=20.9
fwE=0.00
20250813T234453.0001.fits
SecZ=1.40
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.2 10.0 11.5
ALT/AZ=45.5 -157.5
sdW=18.5
fwW=0.00
sdS=21.2
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=28.5
fwN=2.12
sdE=25.6
fwE=1.79
20250813T234524.0001.fits
SecZ=1.40
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.2 10.0 11.5
ALT/AZ=45.4 -157.3
fwAVG=1.70
sdW=23.9
fwW=1.16
sdS=26.8
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=39.2
fwN=2.16
sdE=36.6
fwE=0.00
20250813T234702.0001.fits
SecZ=1.41
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.2 10.0 11.5
ALT/AZ=45.3 -156.8
sdW=30.8
fwW=1.39
sdS=35.6
fwS=1.69
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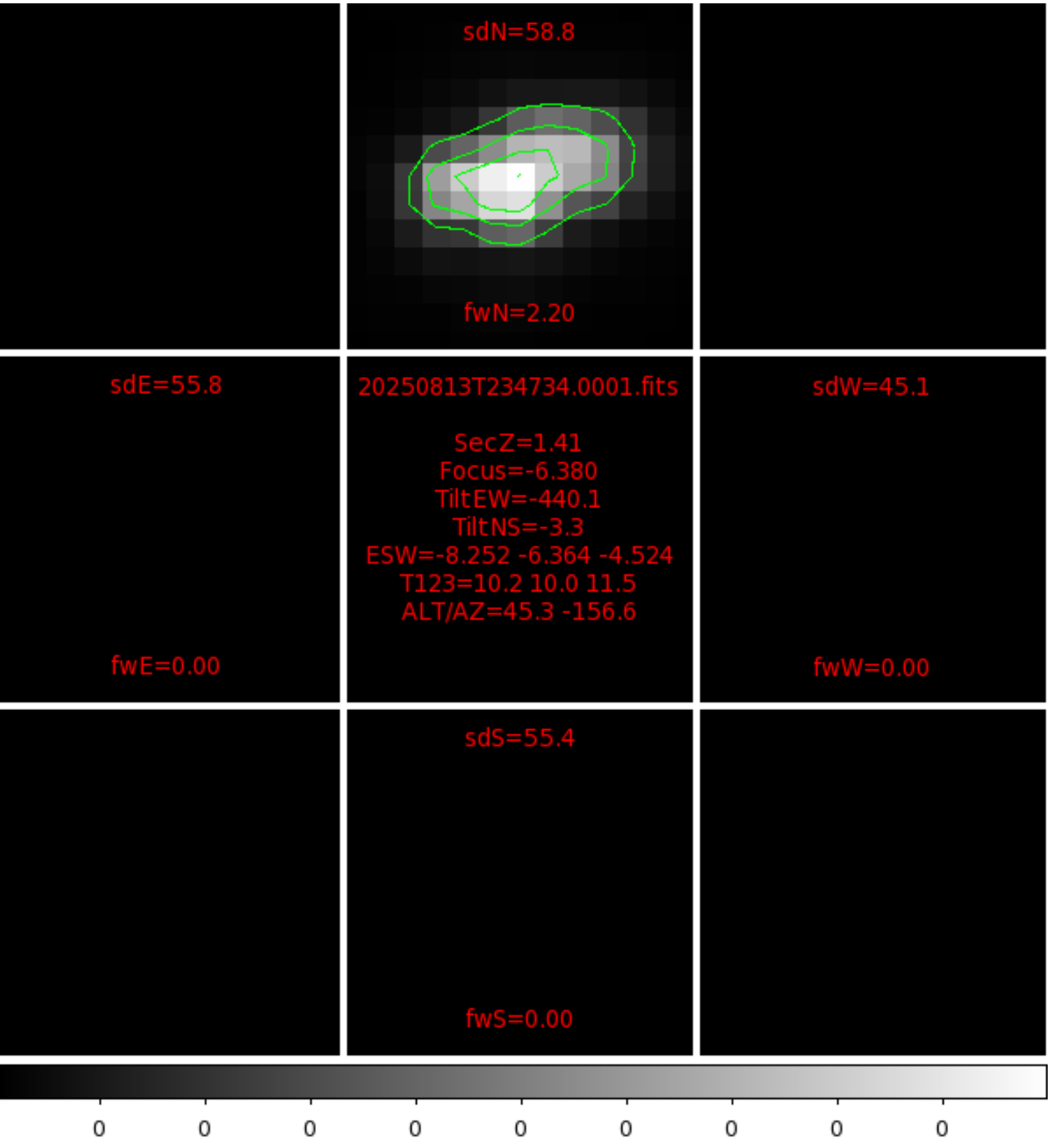
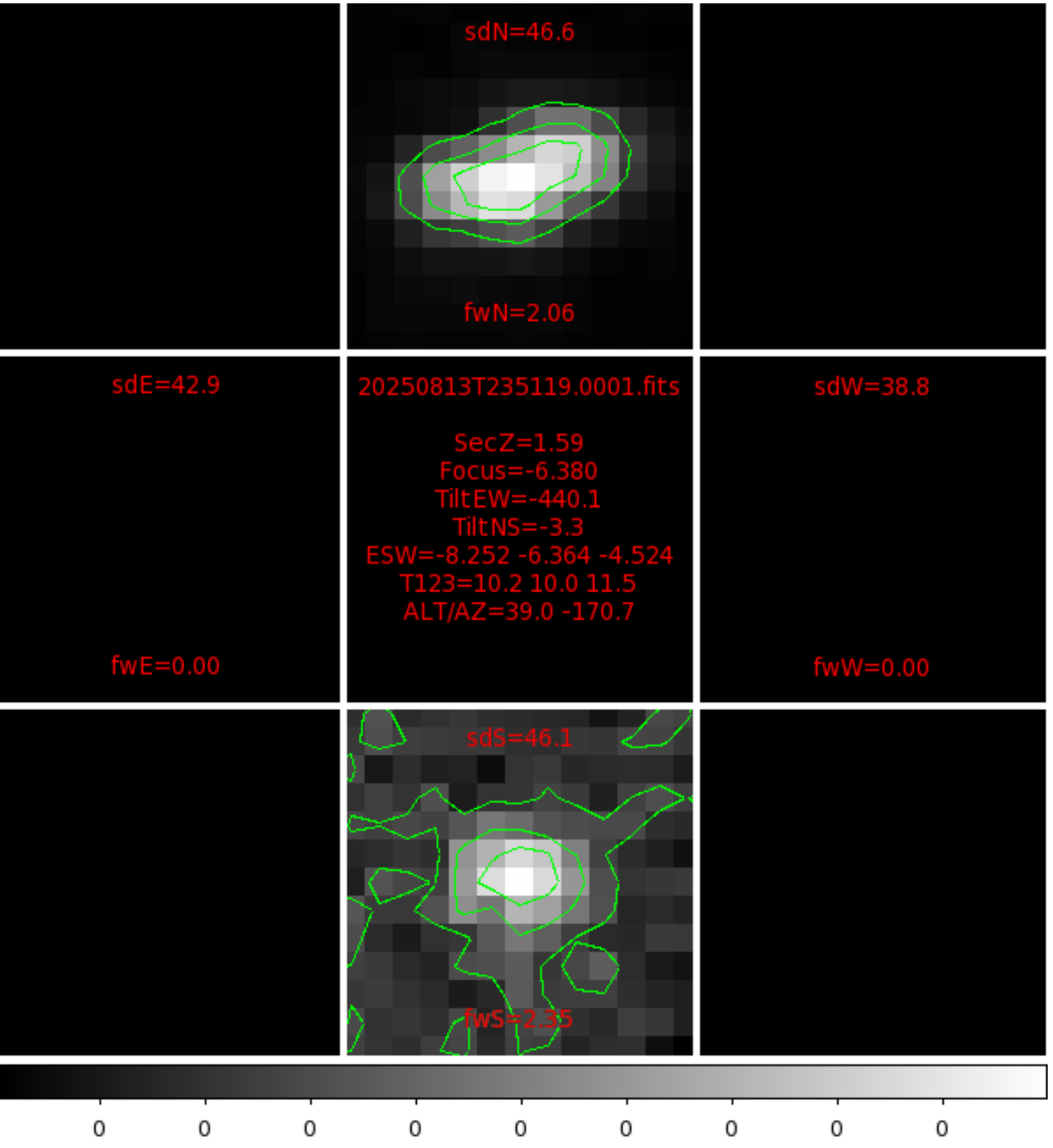
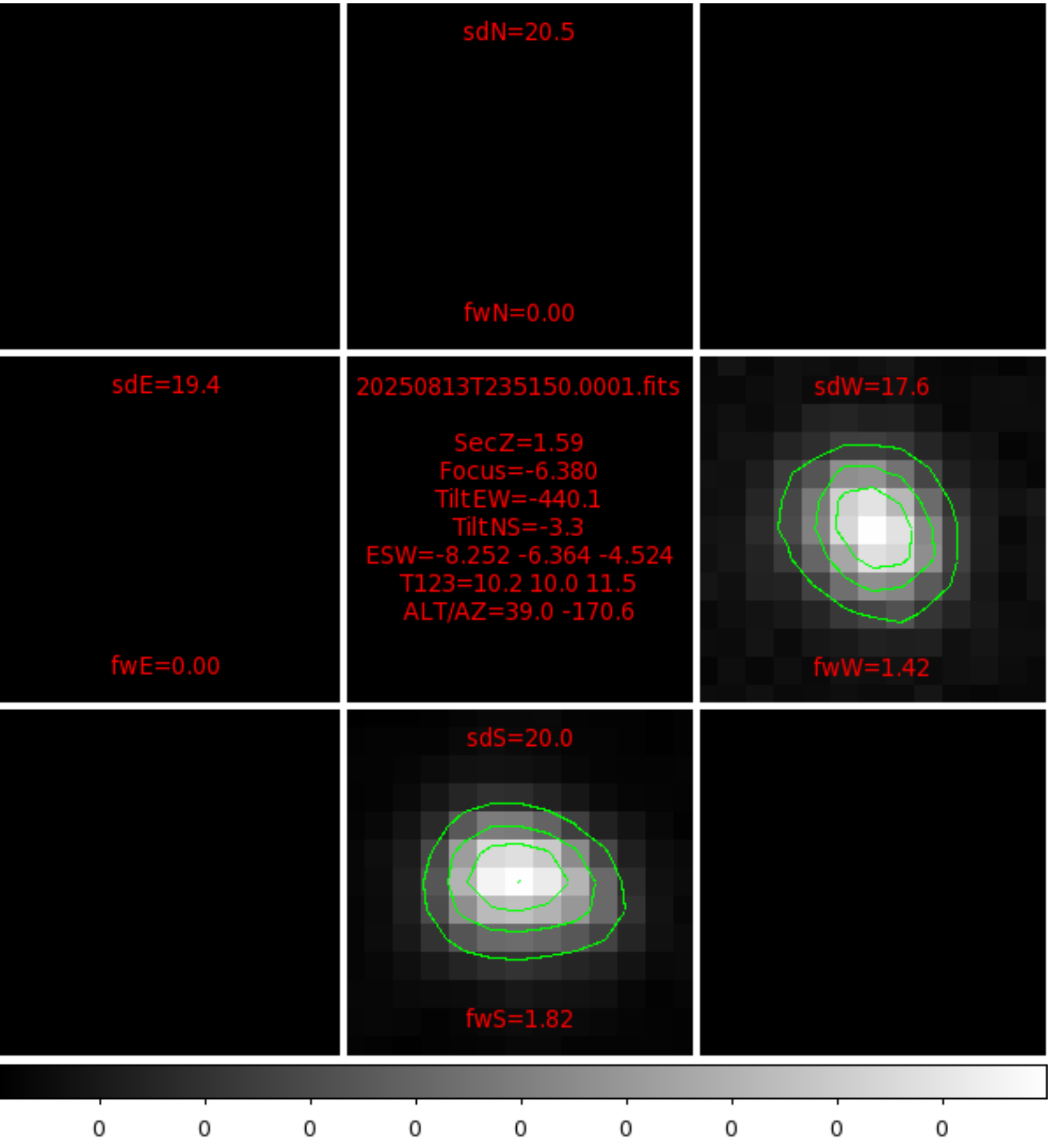
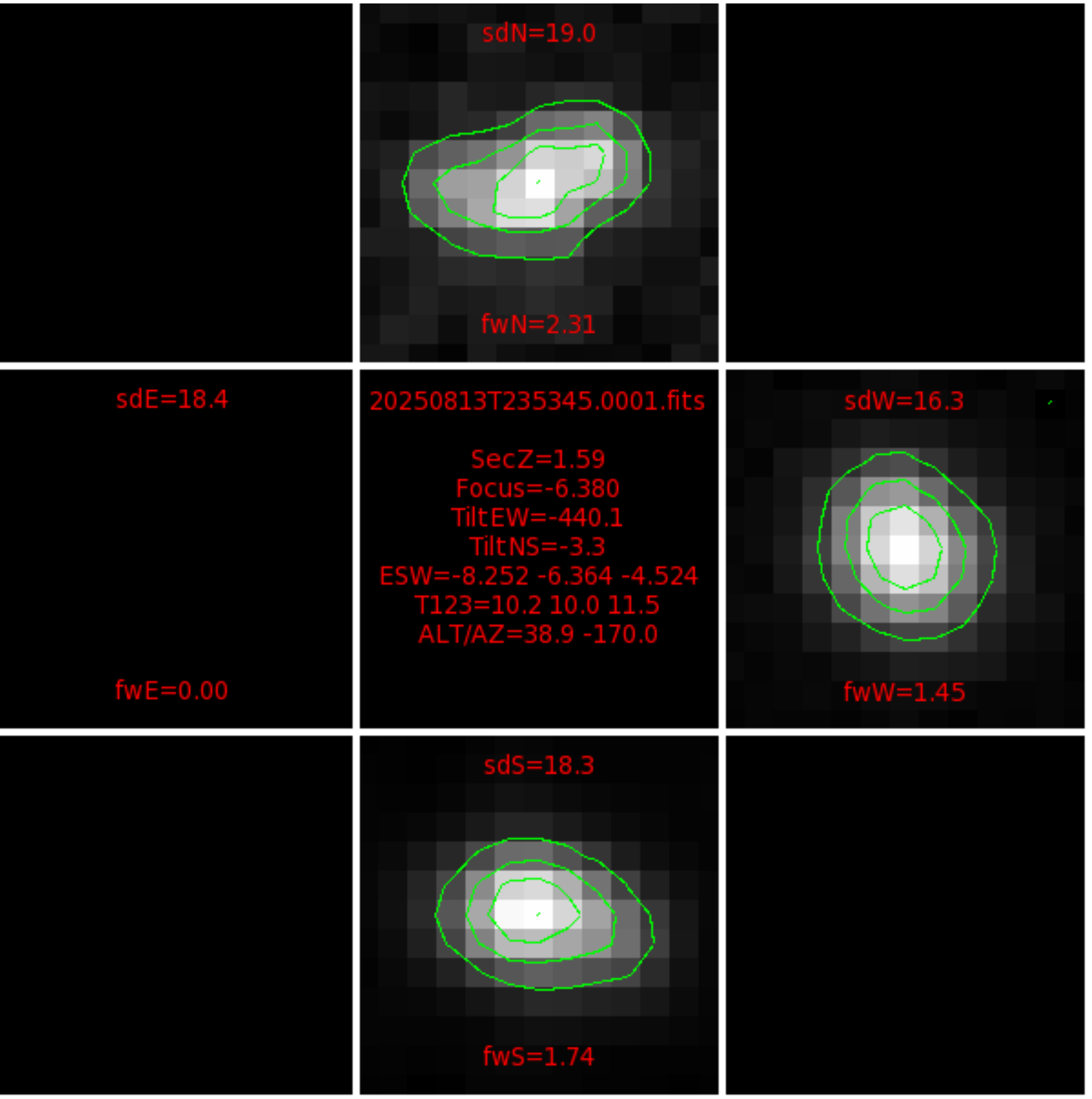

sdN=58.8
fwN=2.20
sdE=55.8
fwE=0.00
20250813T234734.0001.fits
SecZ=1.41
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.2 10.0 11.5
ALT/AZ=45.3 -156.6
sdW=45.1
fwW=0.00
sdS=55.4
fwS=0.00
0 0 0 0 0 0 0 0 0

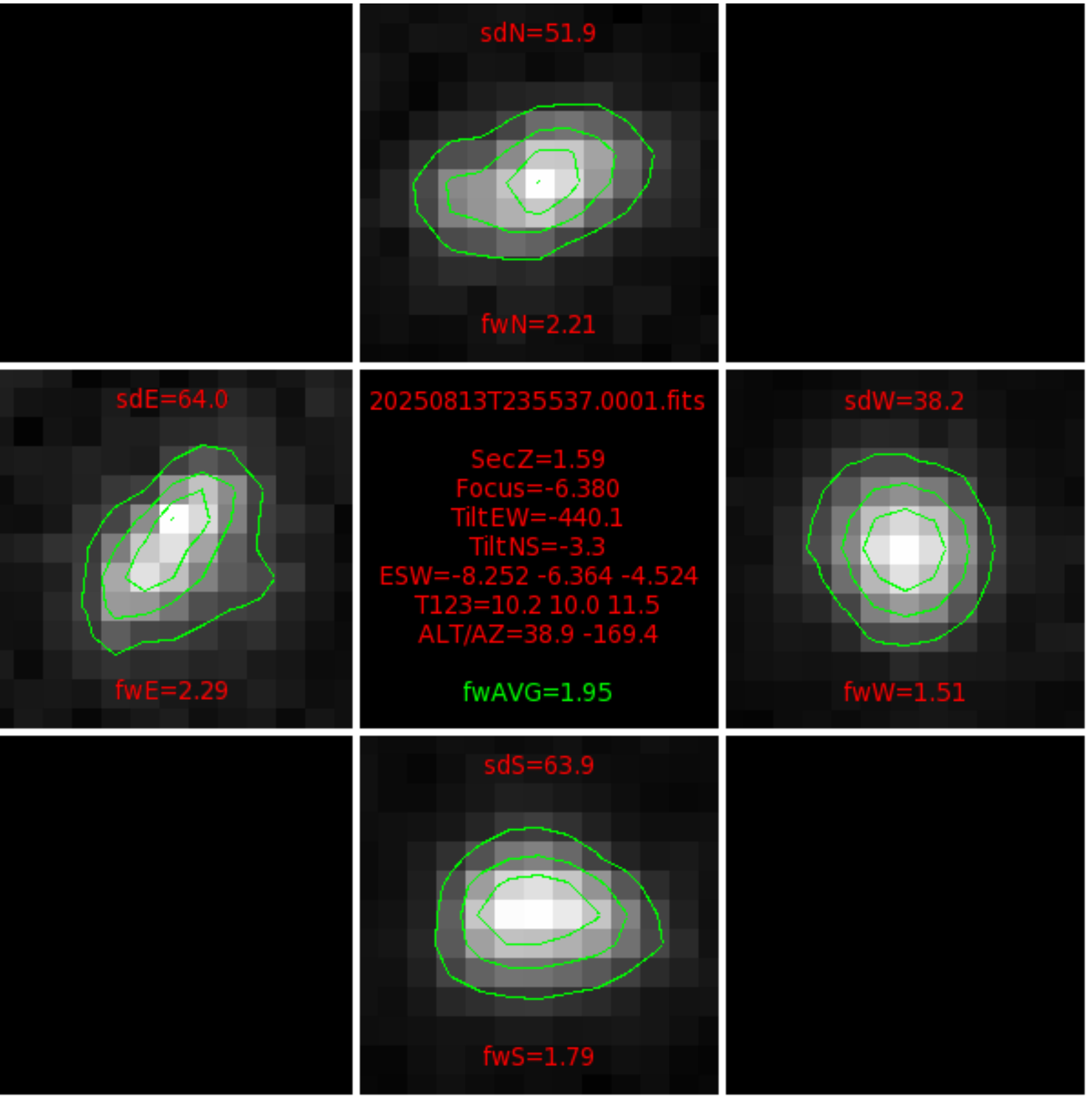
sdN=55.1
fwN=2.18
sdE=53.7
fwE=0.00
20250813T234911.0001.fits
SecZ=1.41
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.2 10.0 11.5
ALT/AZ=45.1 -156.1
sdW=43.6
fwW=0.00
sdS=53.4
fwS=0.00
0 0 0 0 0 0 0 0 0

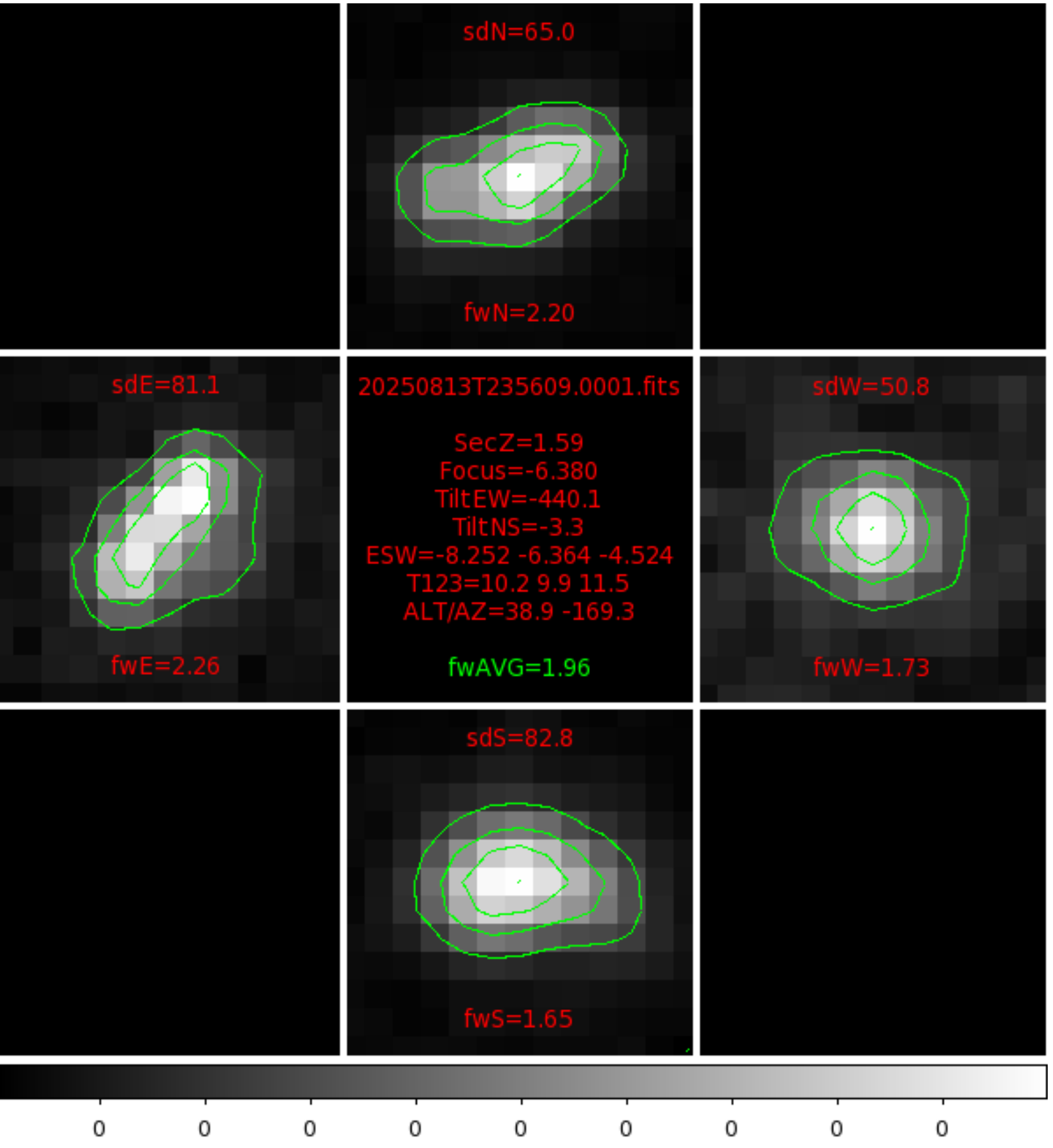
sdN=64.5
fwN=2.13
sdE=61.6
fwE=0.00
20250813T234941.0001.fits
SecZ=1.41
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.2 10.0 11.5
ALT/AZ=45.1 -155.9
sdW=51.0
fwW=0.00
sdS=63.0
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=46.6
fwN=2.06
sdE=42.9
fwE=0.00
20250813T235119.0001.fits
SecZ=1.59
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.2 10.0 11.5
ALT/AZ=39.0 -170.7
sdW=38.8
fwW=0.00
sdS=46.1
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=20.5
fwN=0.00
sdE=19.4
fwE=0.00
20250813T235150.0001.fits
SecZ=1.59
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.2 10.0 11.5
ALT/AZ=39.0 -170.6
sdW=17.6
fwW=1.42
sdS=20.0
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=19.0
fwN=2.31
sdE=18.4
fwE=0.00
20250813T235345.0001.fits
SecZ=1.59
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.2 10.0 11.5
ALT/AZ=38.9 -170.0
sdW=16.3
fwW=1.45
sdS=18.3
fwS=1.74
0 0 0 0 0 0 0 0 0


sdN=51.9
fwN=2.21
sdE=64.0
fwE=2.29
20250813T235537.0001.fits
SecZ=1.59
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.2 10.0 11.5
ALT/AZ=38.9 -169.4
fwAVG=1.95
sdW=38.2
fwW=1.51
sdS=63.9
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=65.0
fwN=2.20
sdE=81.1
fwE=2.26
20250813T235609.0001.fits
SecZ=1.59
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.2 9.9 11.5
ALT/AZ=38.9 -169.3
fwAVG=1.96
sdW=50.8
fwW=1.73
sdS=82.8
fwS=1.65
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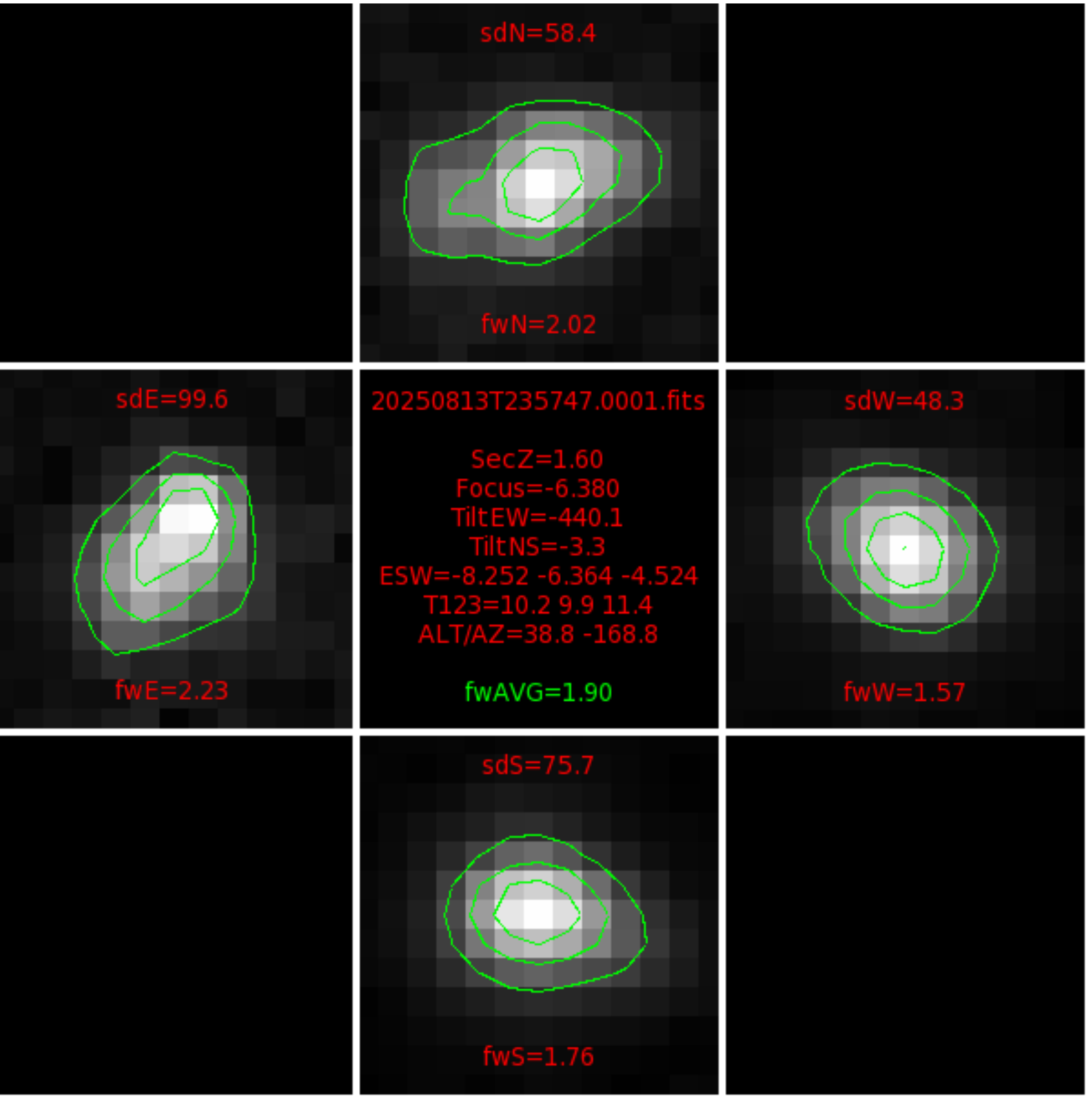
sdN=58.4
fwN=2.02
sdE=99.6
fwE=2.23
20250813T235747.0001.fits
SecZ=1.60
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.2 9.9 11.4
ALT/AZ=38.8 -168.8
fwAVG=1.90
sdW=48.3
fwW=1.57
sdS=75.7
fwS=1.76
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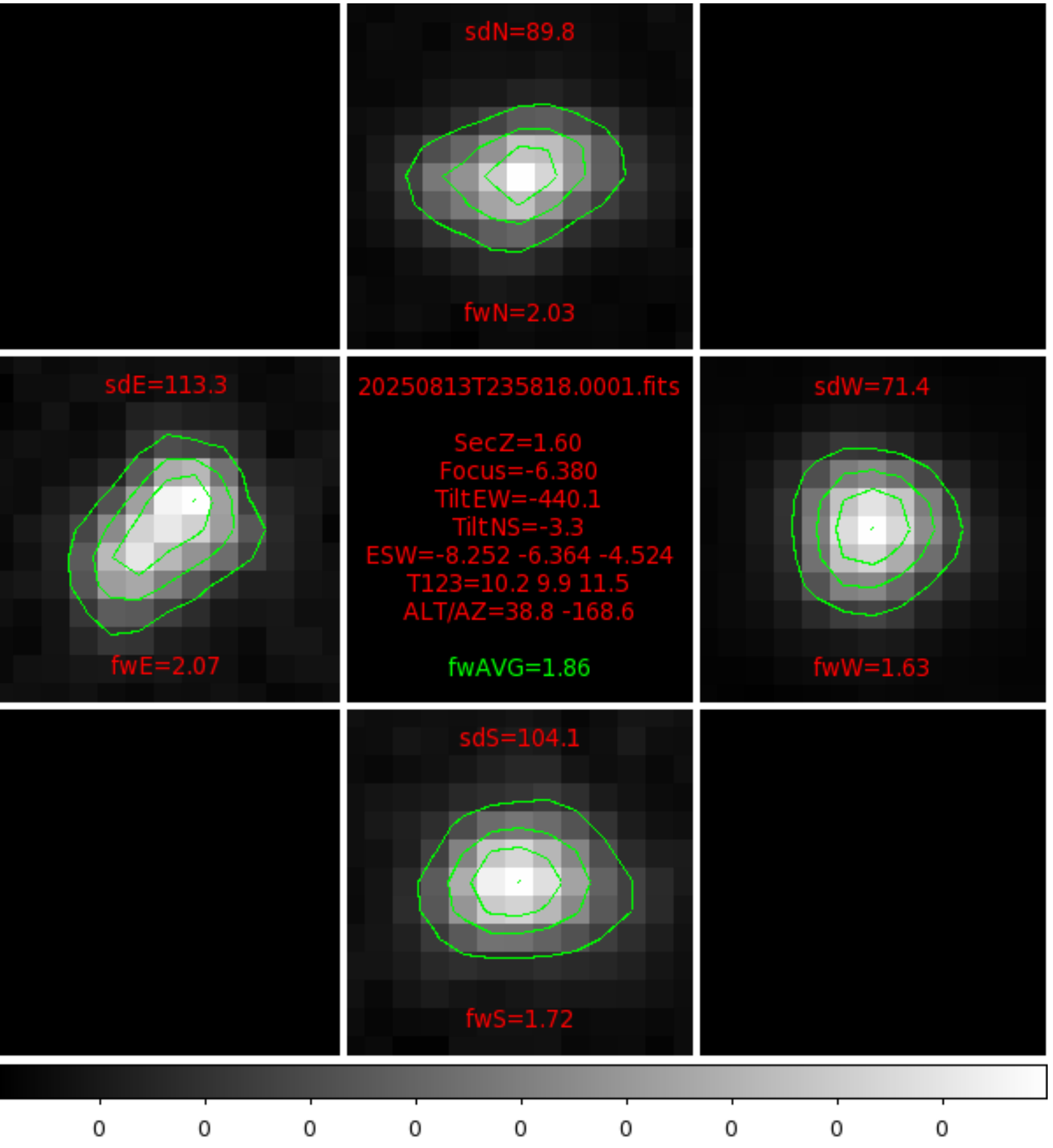
sdN=89.8
fwN=2.03
sdE=113.3
fwE=2.07
20250813T235818.0001.fits
SecZ=1.60
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.2 9.9 11.5
ALT/AZ=38.8 -168.6
fwAVG=1.86
sdW=71.4
fwW=1.63
sdS=104.1
fwS=1.72
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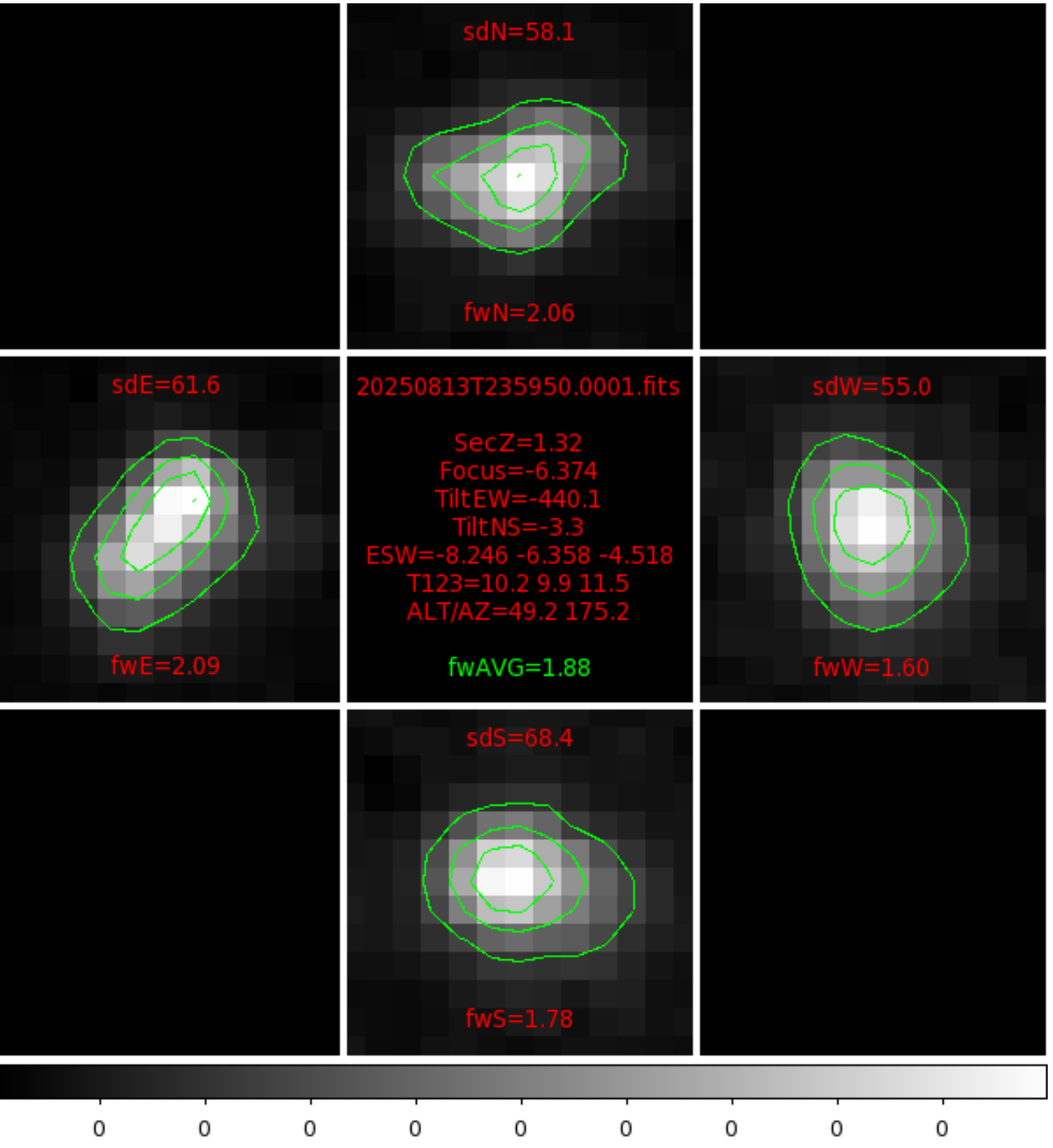
sdN=58.1
fwN=2.06
sdE=61.6
fwE=2.09
20250813T235950.0001.fits
SecZ=1.32
Focus=-6.374
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.246 -6.358 -4.518
T123=10.2 9.9 11.5
ALT/AZ=49.2 175.2
fwAVG=1.88
sdW=55.0
fwW=1.60
sdS=68.4
fwS=1.78
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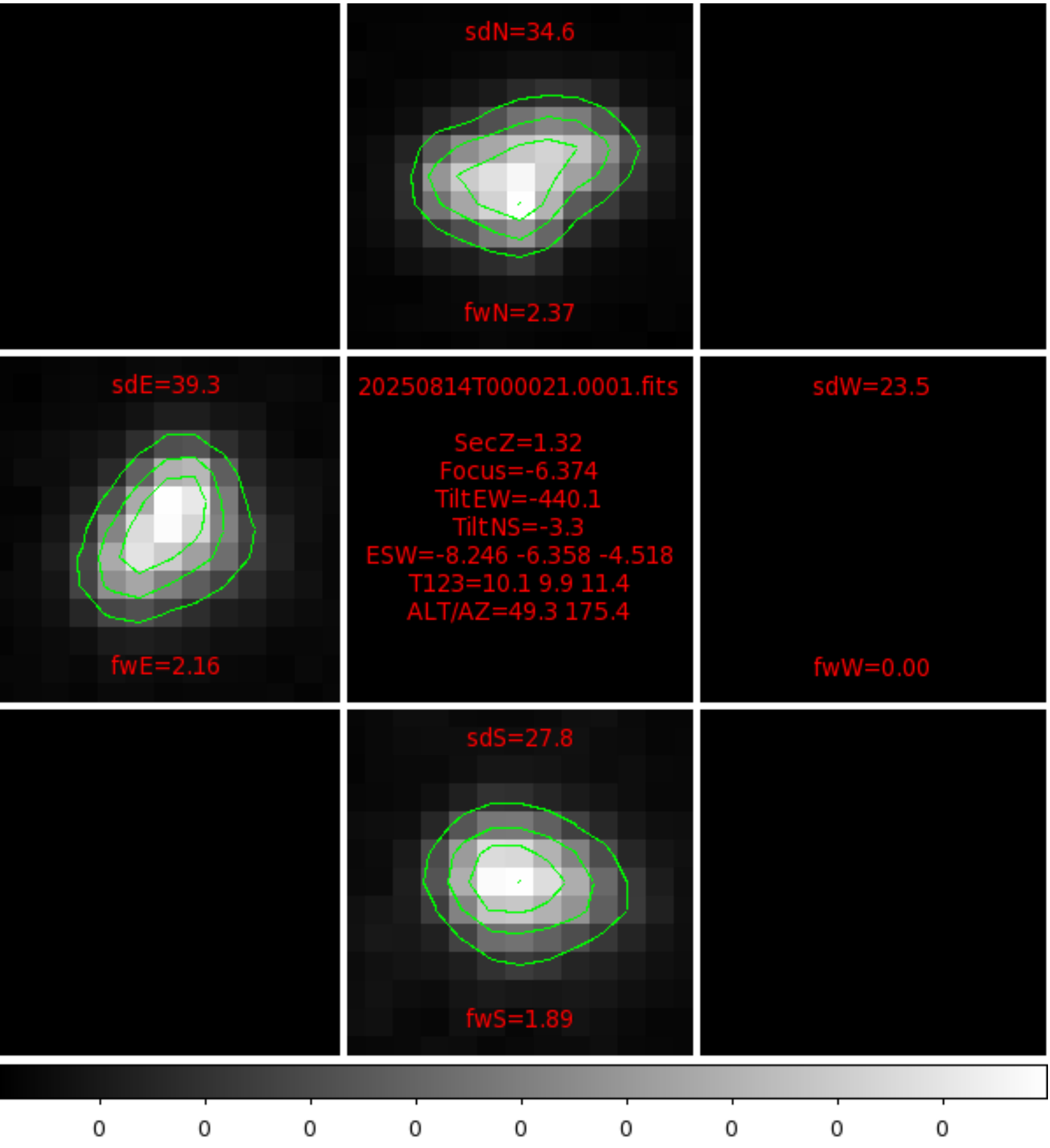
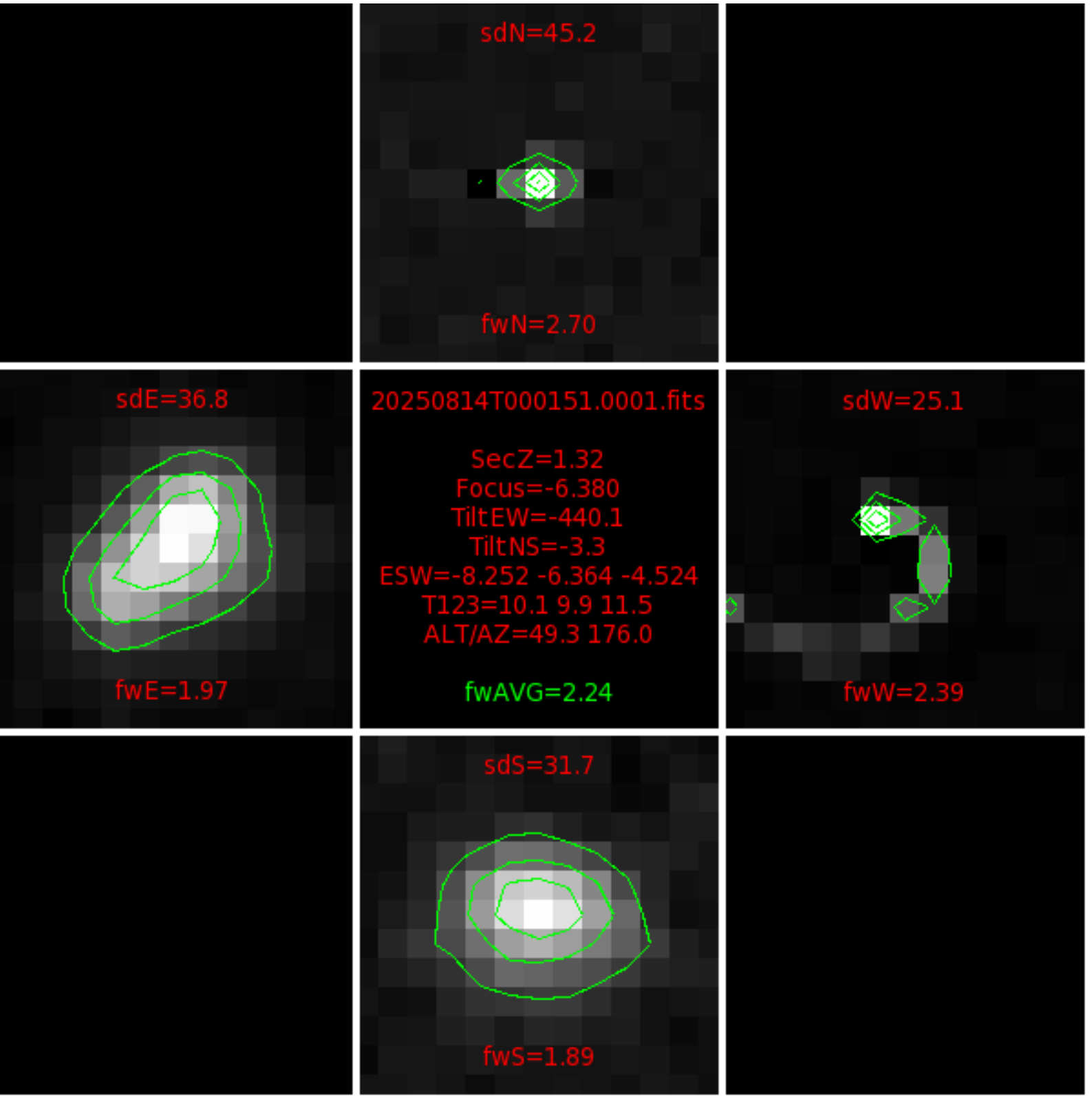

sdN=34.6
fwN=2.37
sdE=39.3
fwE=2.16
20250814T000021.0001.fits
SecZ=1.32
Focus=-6.374
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.246 -6.358 -4.518
T123=10.1 9.9 11.4
ALT/AZ=49.3 175.4
sdW=23.5
fwW=0.00
sdS=27.8
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=45.2
fwN=2.70
sdE=36.8
fwE=1.97
20250814T000151.0001.fits
SecZ=1.32
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.1 9.9 11.5
ALT/AZ=49.3 176.0
fwAVG=2.24
sdW=25.1
fwW=2.39
sdS=31.7
fwS=1.89
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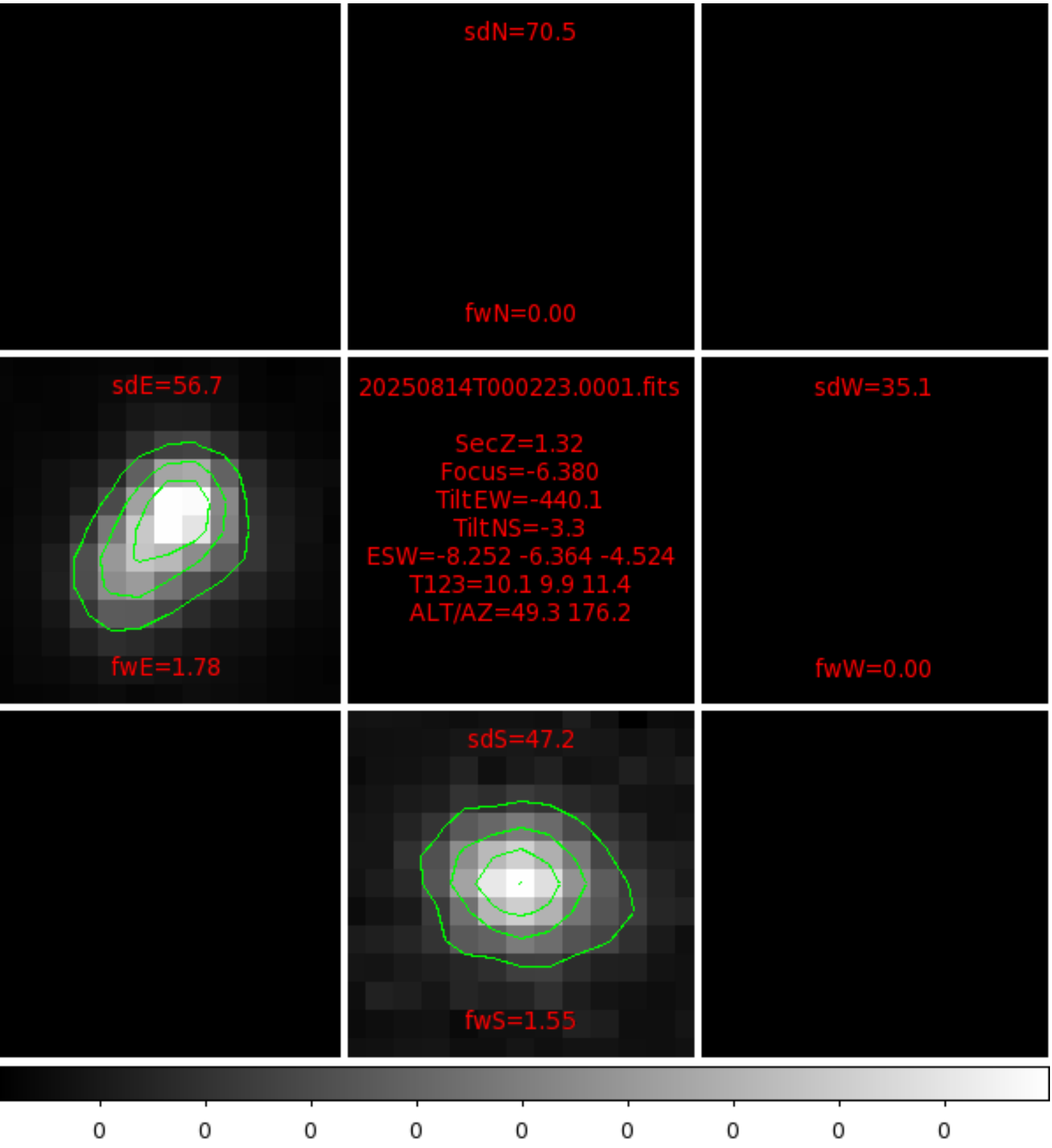
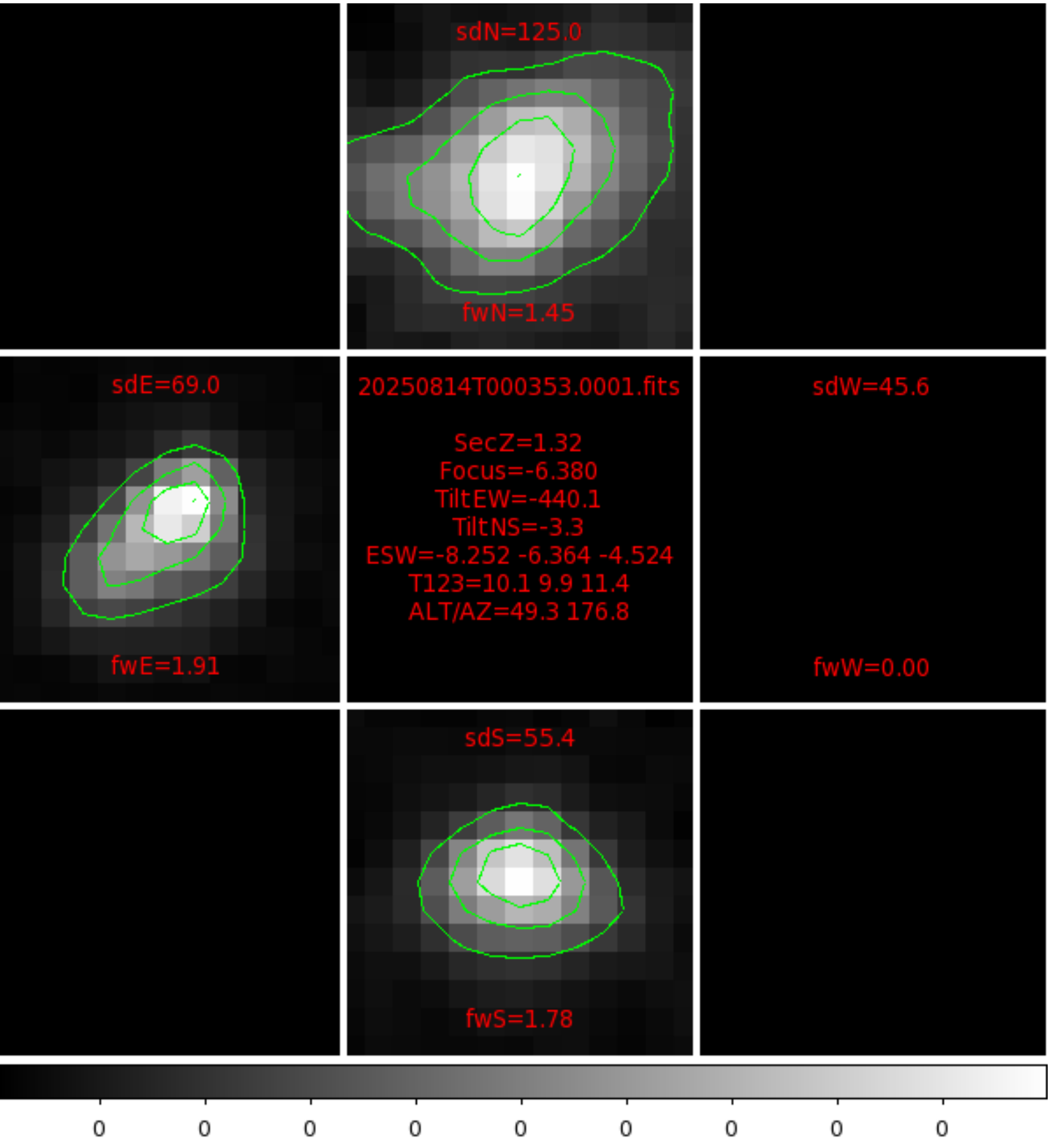
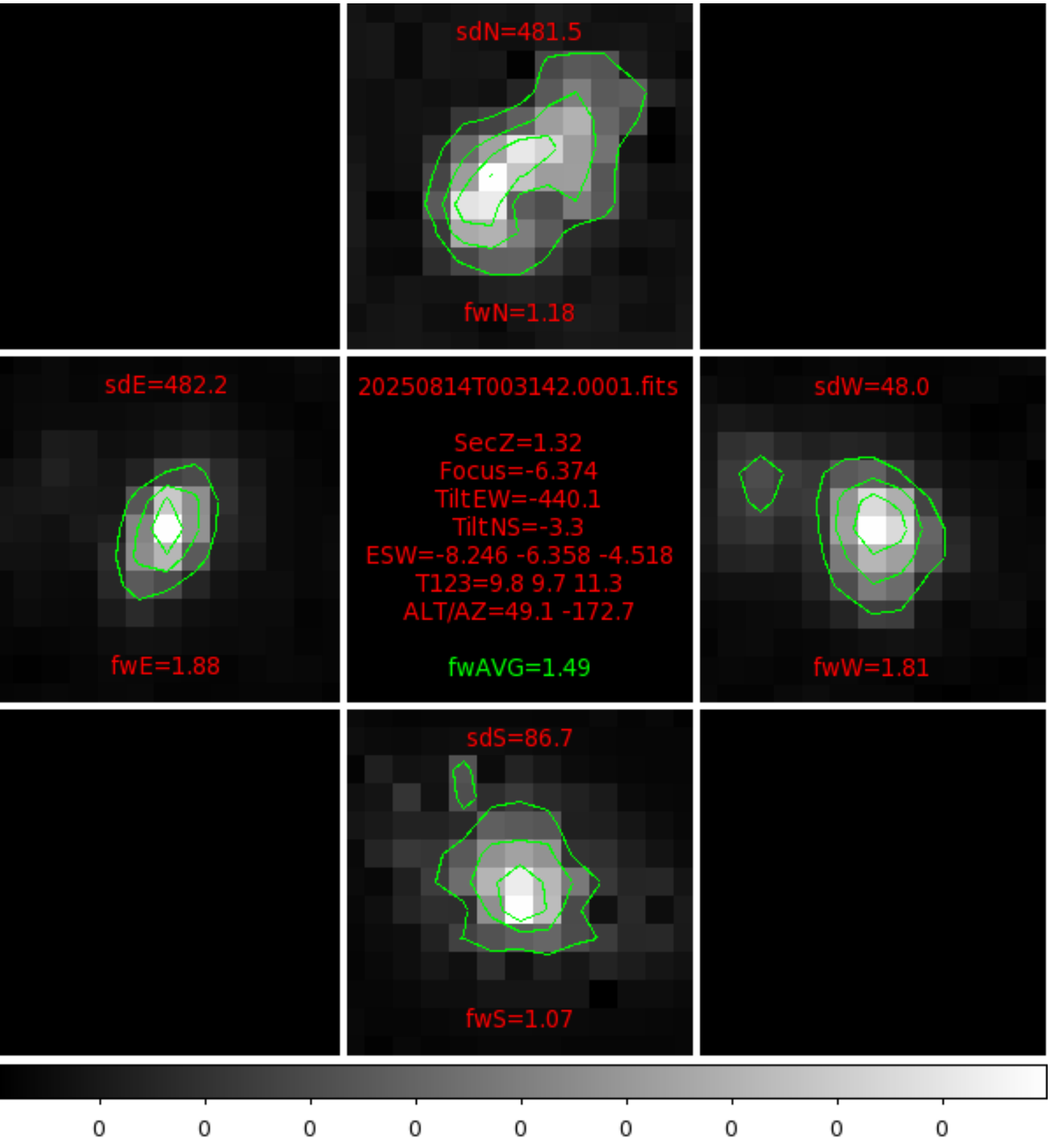

sdN=70.5
fwN=0.00
sdE=56.7
fwE=1.78
20250814T000223.0001.fits
SecZ=1.32
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.1 9.9 11.4
ALT/AZ=49.3 176.2
sdW=35.1
fwW=0.00
sdS=47.2
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=125.0
fwN=1.45
sdE=69.0
fwE=1.91
20250814T000353.0001.fits
SecZ=1.32
Focus=-6.380
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.252 -6.364 -4.524
T123=10.1 9.9 11.4
ALT/AZ=49.3 176.8
sdW=45.6
fwW=0.00
sdS=55.4
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=481.5
fwN=1.18
sdE=482.2
fwE=1.88
20250814T003142.0001.fits
SecZ=1.32
Focus=-6.374
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.246 -6.358 -4.518
T123=9.8 9.7 11.3
ALT/AZ=49.1 -172.7
fwAVG=1.49
sdW=48.0
fwW=1.81
sdS=86.7
fwS=1.07
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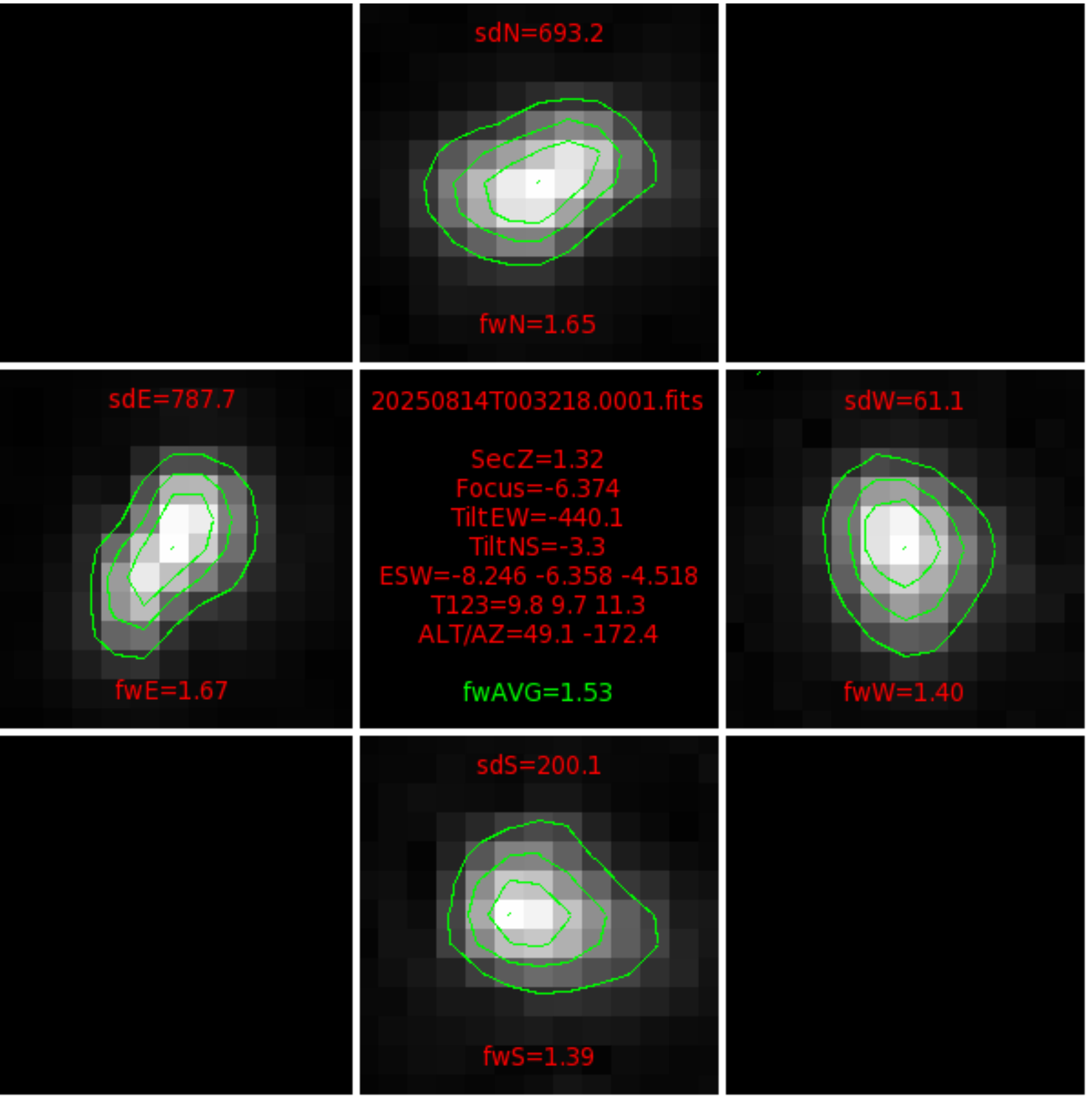
sdN=693.2
fwN=1.65
sdE=787.7
fwE=1.67
20250814T003218.0001.fits
SecZ=1.32
Focus=-6.374
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.246 -6.358 -4.518
T123=9.8 9.7 11.3
ALT/AZ=49.1 -172.4
fwAVG=1.53
sdW=61.1
fwW=1.40
sdS=200.1
fwS=1.39
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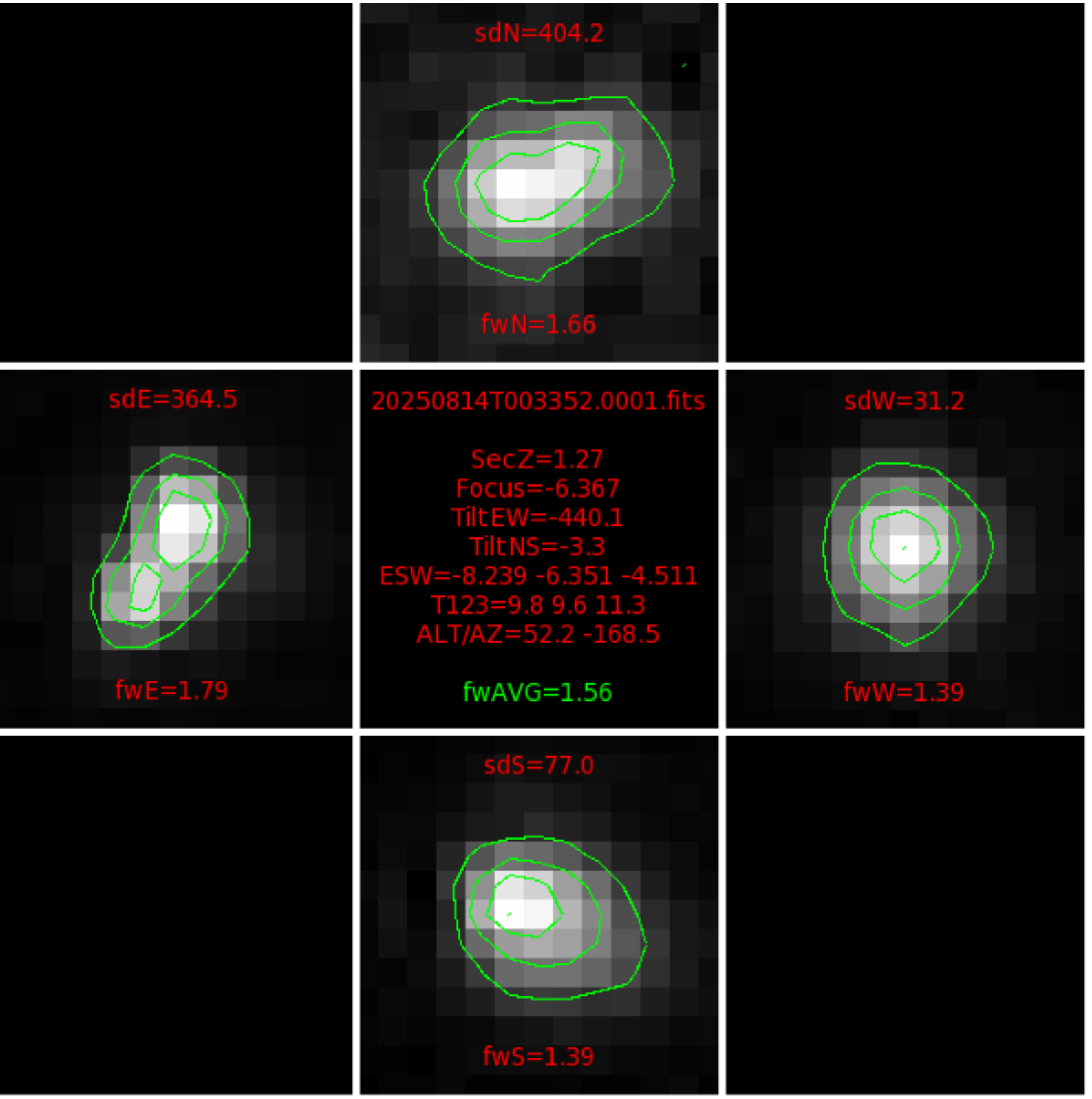
sdN=404.2
fwN=1.66
sdE=364.5
fwE=1.79
20250814T003352.0001.fits
SecZ=1.27
Focus=-6.367
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.239 -6.351 -4.511
T123=9.8 9.6 11.3
ALT/AZ=52.2 -168.5
fwAVG=1.56
sdW=31.2
fwW=1.39
sdS=77.0
fwS=1.39
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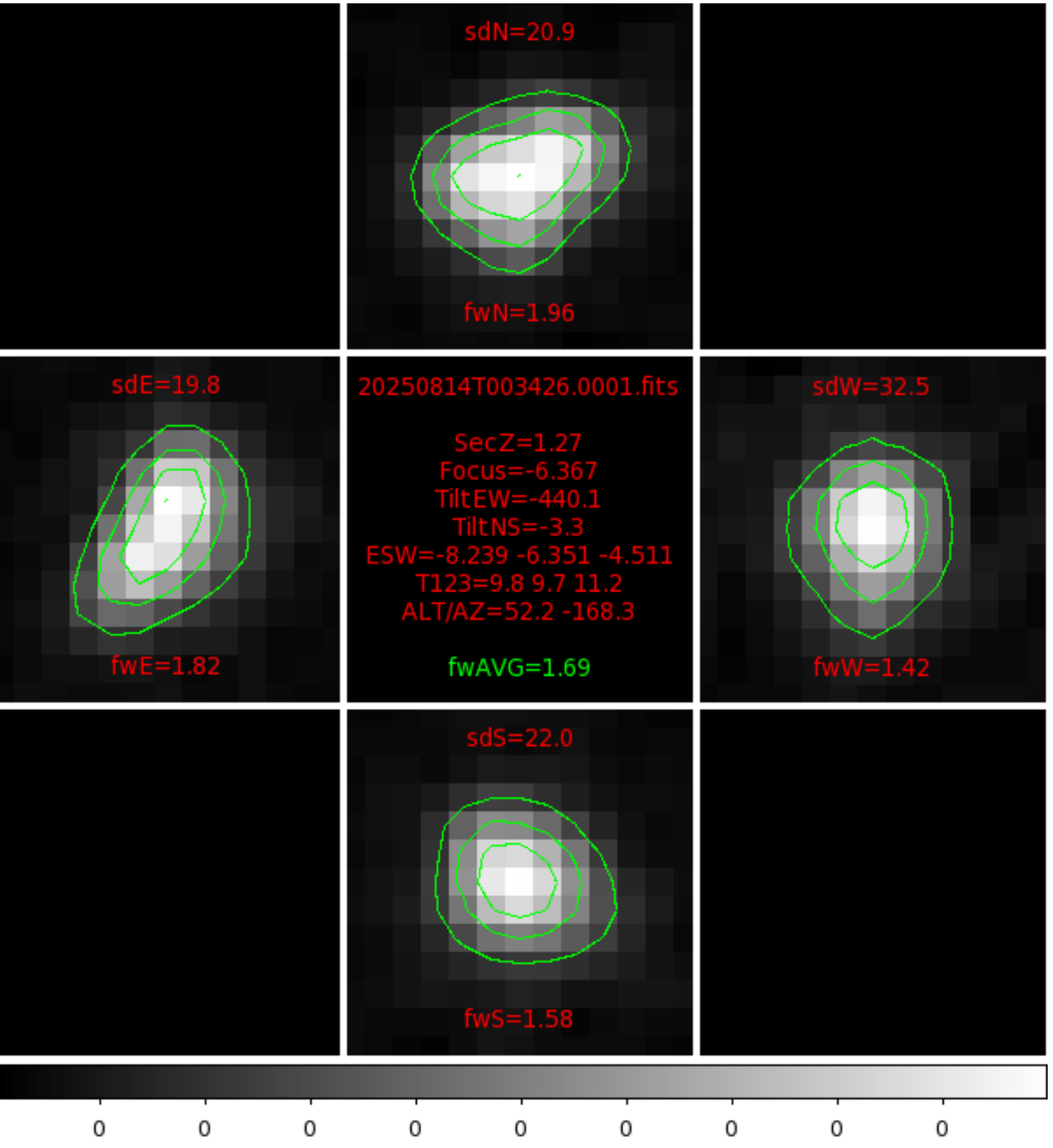
sdN=20.9
fwN=1.96
sdE=19.8
fwE=1.82
20250814T003426.0001.fits
SecZ=1.27
Focus=-6.367
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.239 -6.351 -4.511
T123=9.8 9.7 11.2
ALT/AZ=52.2 -168.3
fwAVG=1.69
sdW=32.5
fwW=1.42
sdS=22.0
fwS=1.58
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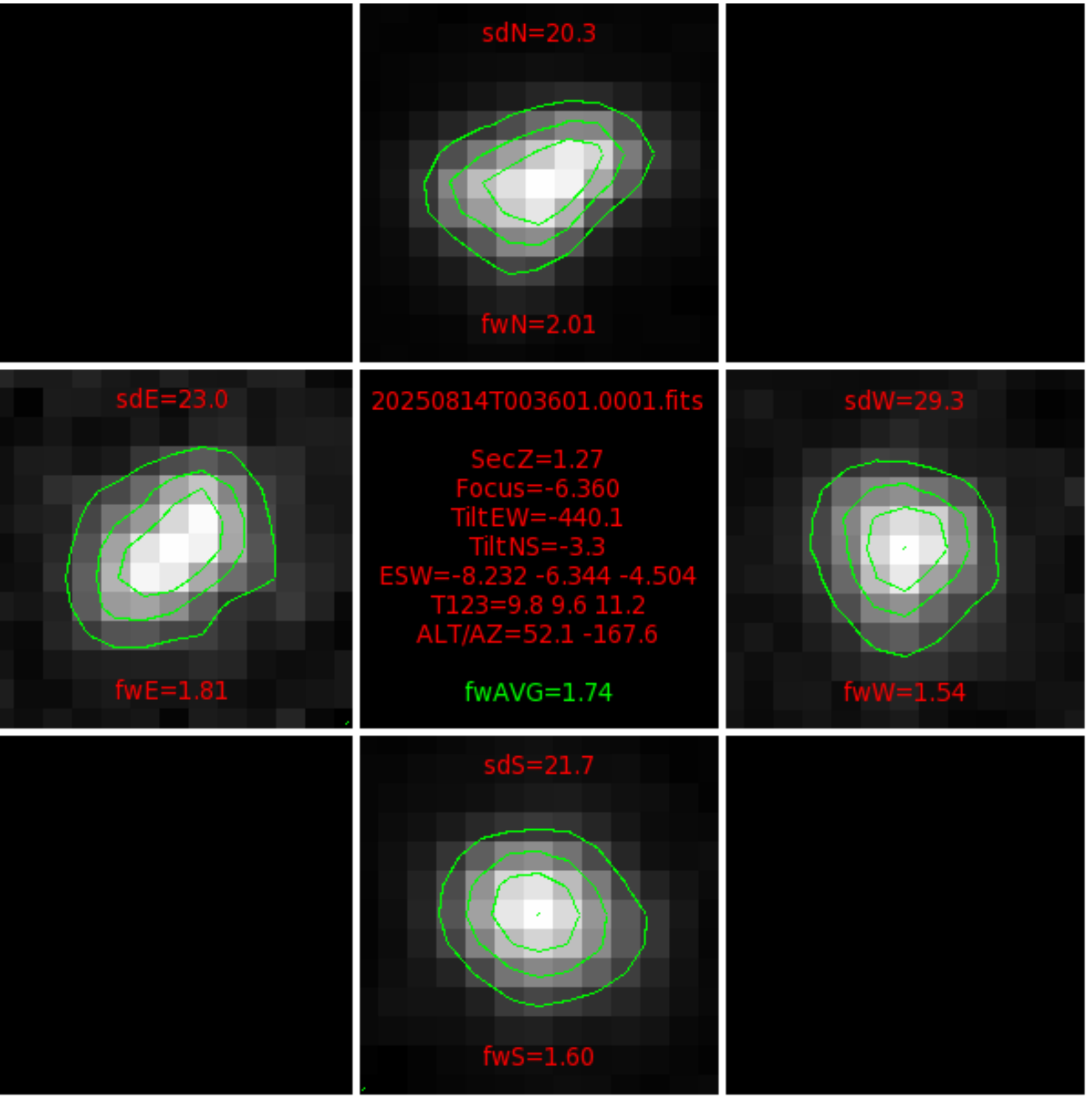
sdN=20.3
fwN=2.01
sdE=23.0
fwE=1.81
20250814T003601.0001.fits
SecZ=1.27
Focus=-6.360
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.232 -6.344 -4.504
T123=9.8 9.6 11.2
ALT/AZ=52.1 -167.6
fwAVG=1.74
sdW=29.3
fwW=1.54
sdS=21.7
fwS=1.60
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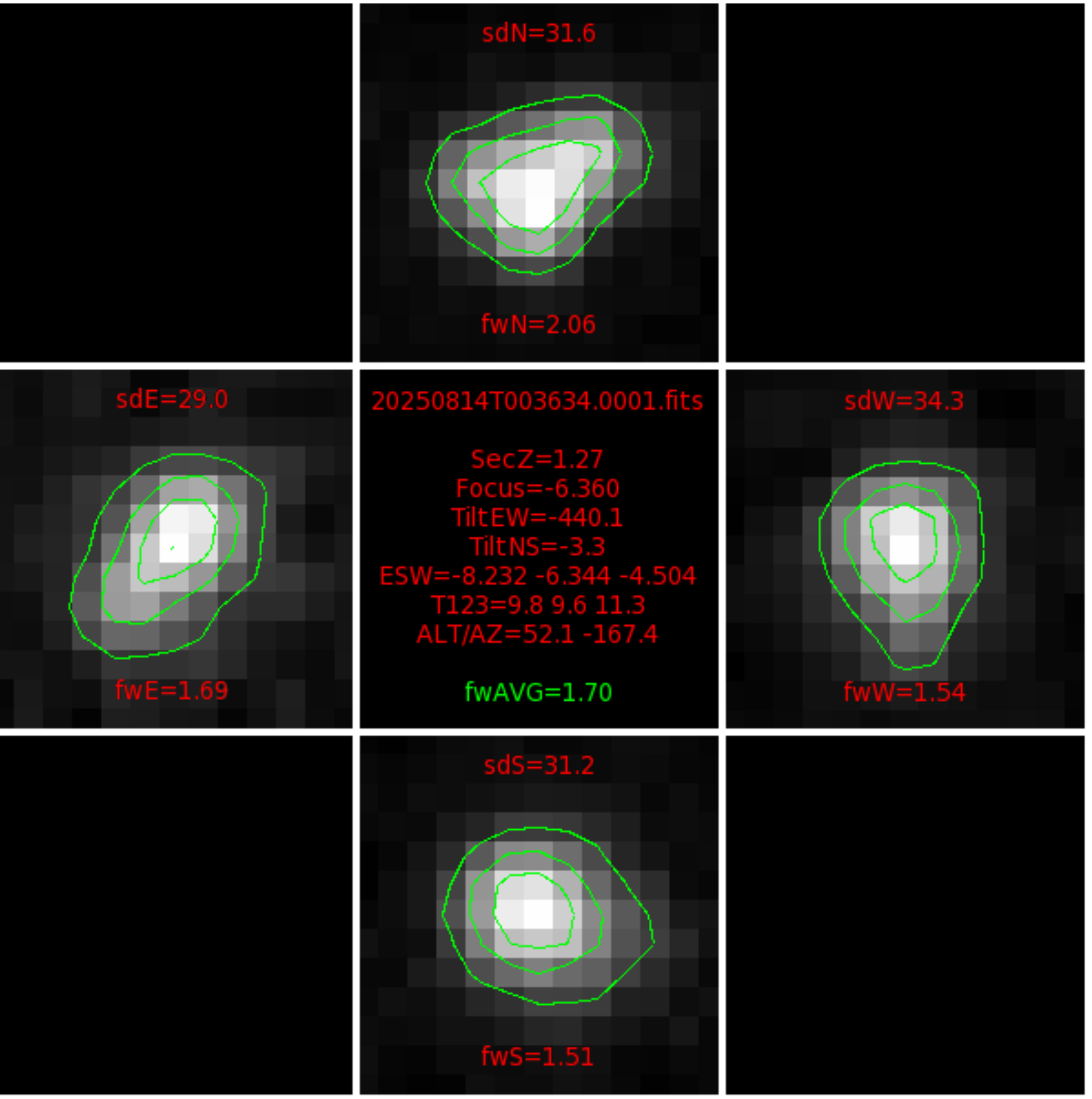
sdN=31.6
fwN=2.06
sdE=29.0
fwE=1.69
20250814T003634.0001.fits
SecZ=1.27
Focus=-6.360
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.232 -6.344 -4.504
T123=9.8 9.6 11.3
ALT/AZ=52.1 -167.4
fwAVG=1.70
sdW=34.3
fwW=1.54
sdS=31.2
fwS=1.51
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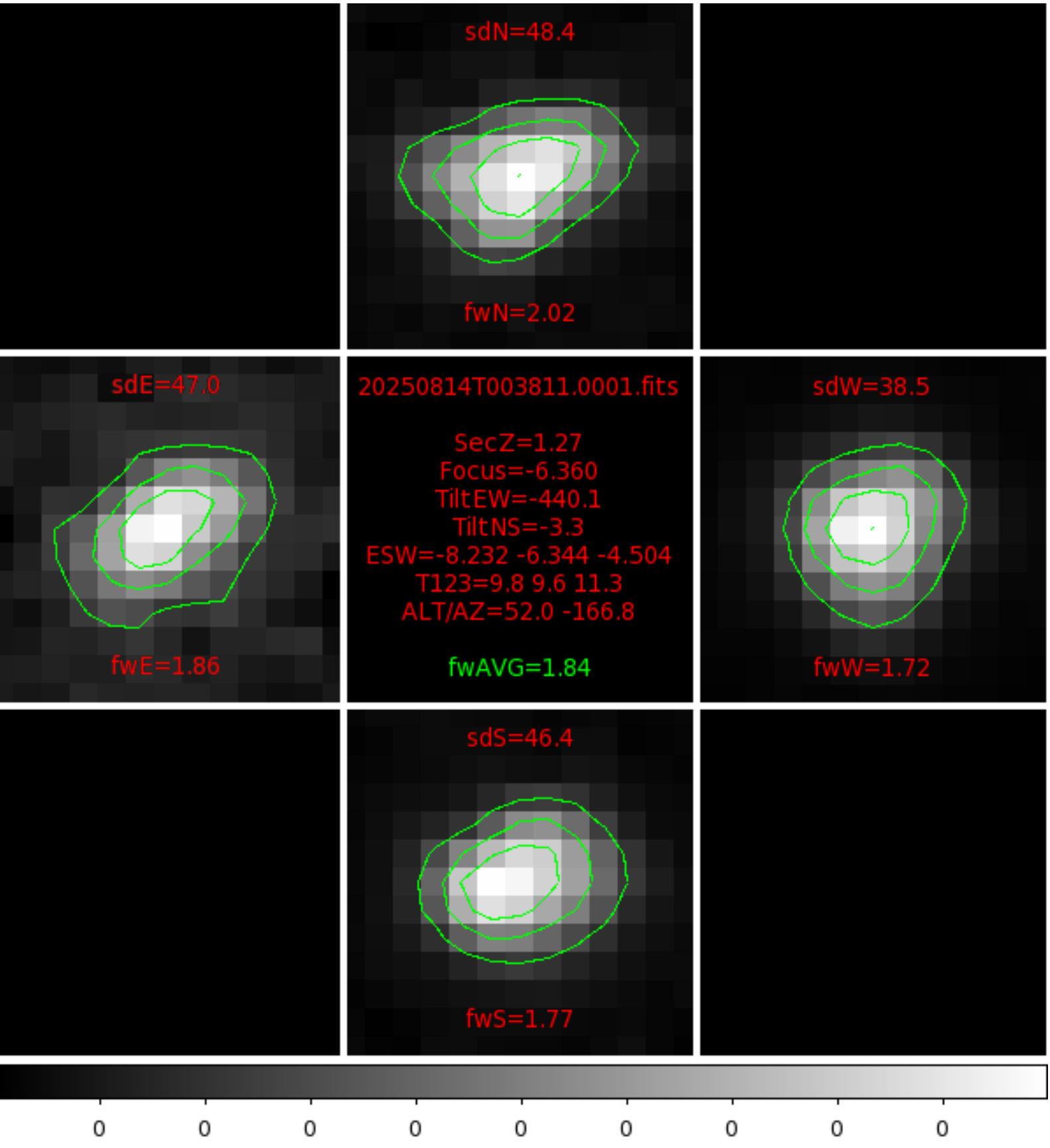
sdN=48.4
fwN=2.02
sdE=47.0
fwE=1.86
20250814T003811.0001.fits
SecZ=1.27
Focus=-6.360
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.232 -6.344 -4.504
T123=9.8 9.6 11.3
ALT/AZ=52.0 -166.8
fwAVG=1.84
sdW=38.5
fwW=1.72
sdS=46.4
fwS=1.77
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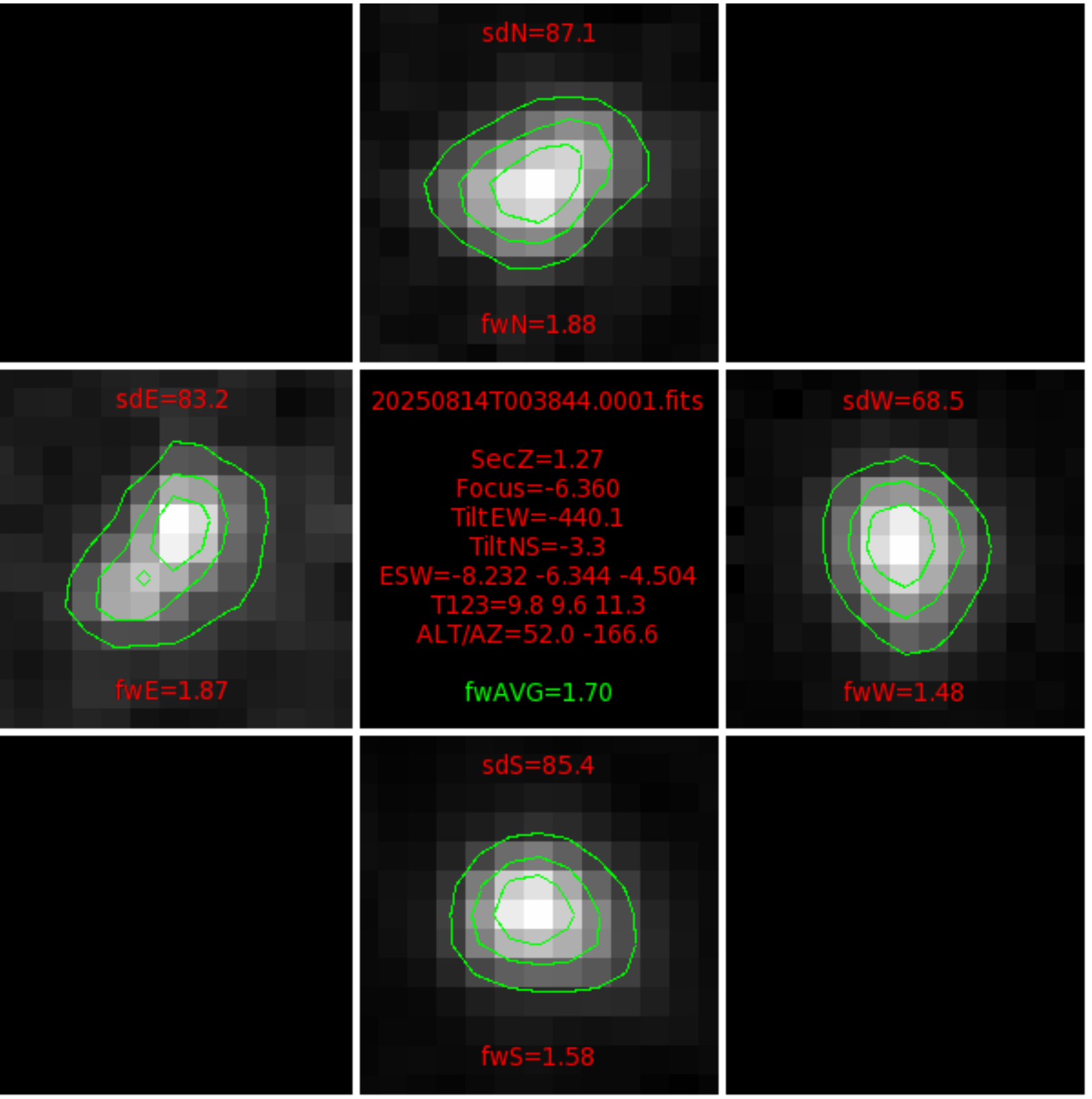
sdN=87.1
fwN=1.88
sdE=83.2
fwE=1.87
20250814T003844.0001.fits
SecZ=1.27
Focus=-6.360
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.232 -6.344 -4.504
T123=9.8 9.6 11.3
ALT/AZ=52.0 -166.6
fwAVG=1.70
sdW=68.5
fwW=1.48
sdS=85.4
fwS=1.58
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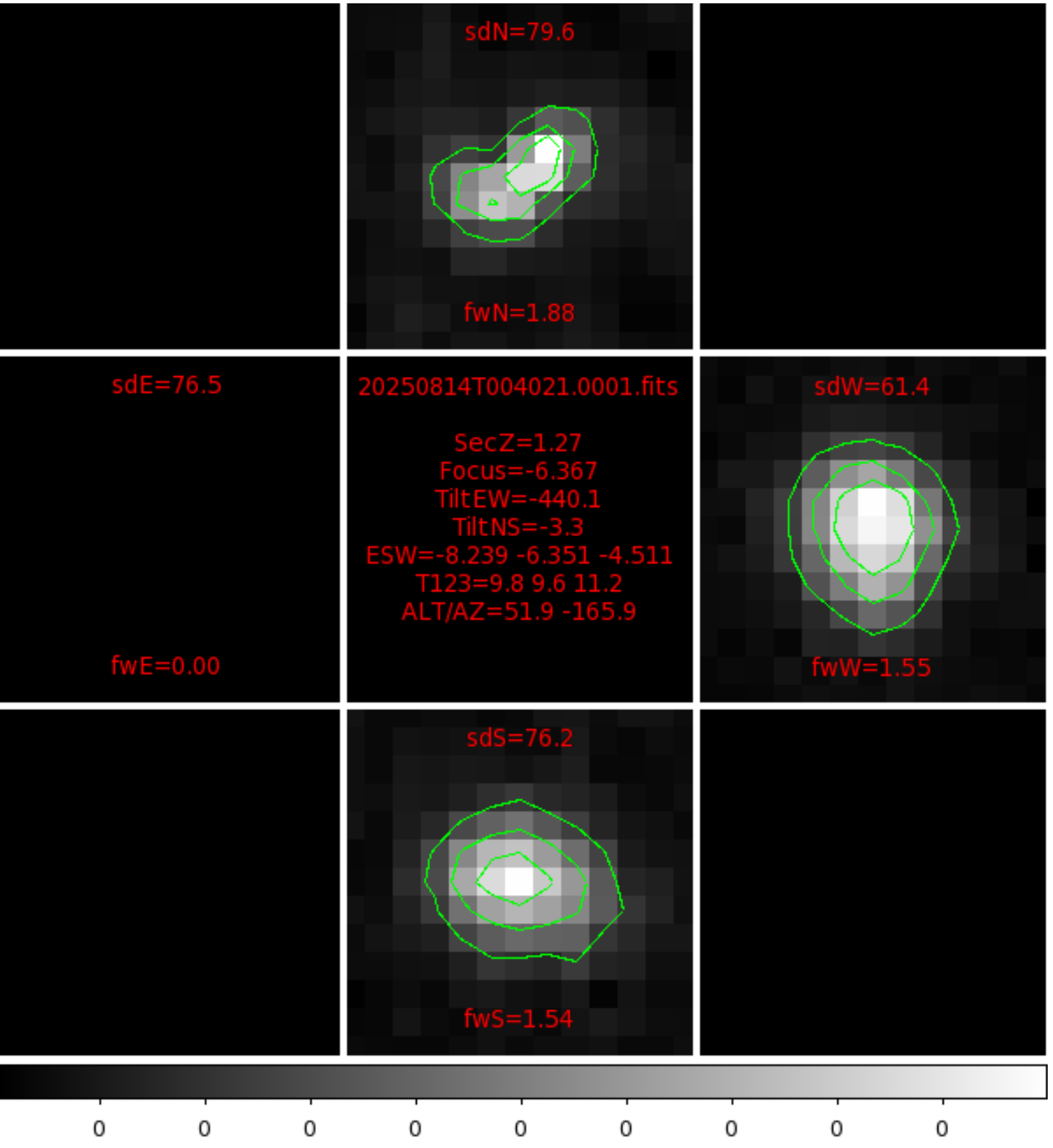
sdN=79.6
fwN=1.88
sdE=76.5
fwE=0.00
20250814T004021.0001.fits
SecZ=1.27
Focus=-6.367
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.239 -6.351 -4.511
T123=9.8 9.6 11.2
ALT/AZ=51.9 -165.9
sdW=61.4
fwW=1.55
sdS=76.2
fwS=1.54
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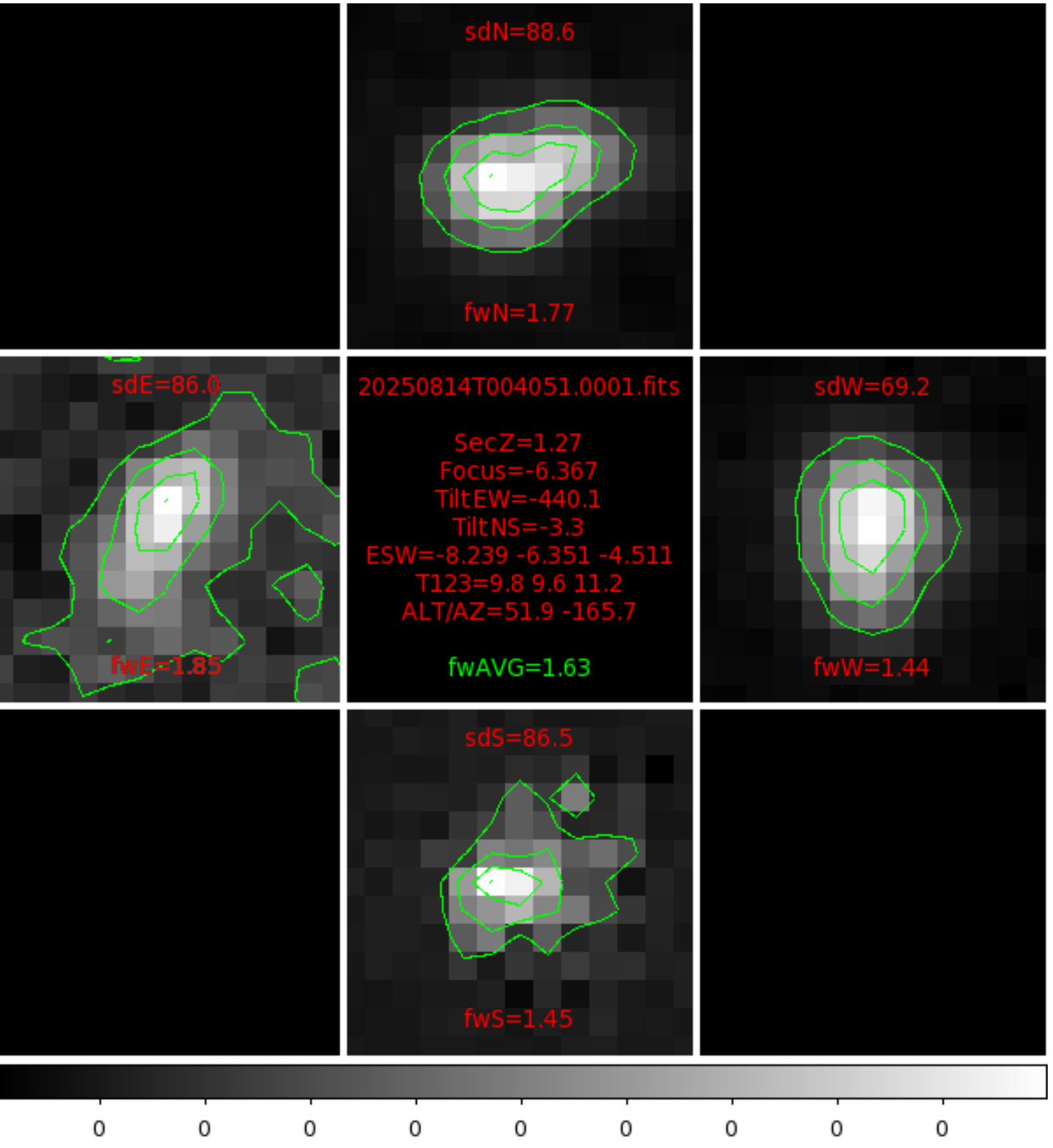
sdN=88.6
fwN=1.77
sdE=86.0
fwE=1.85
20250814T004051.0001.fits
SecZ=1.27
Focus=-6.367
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.239 -6.351 -4.511
T123=9.8 9.6 11.2
ALT/AZ=51.9 -165.7
fwAVG=1.63
sdW=69.2
fwW=1.44
sdS=86.5
fwS=1.45
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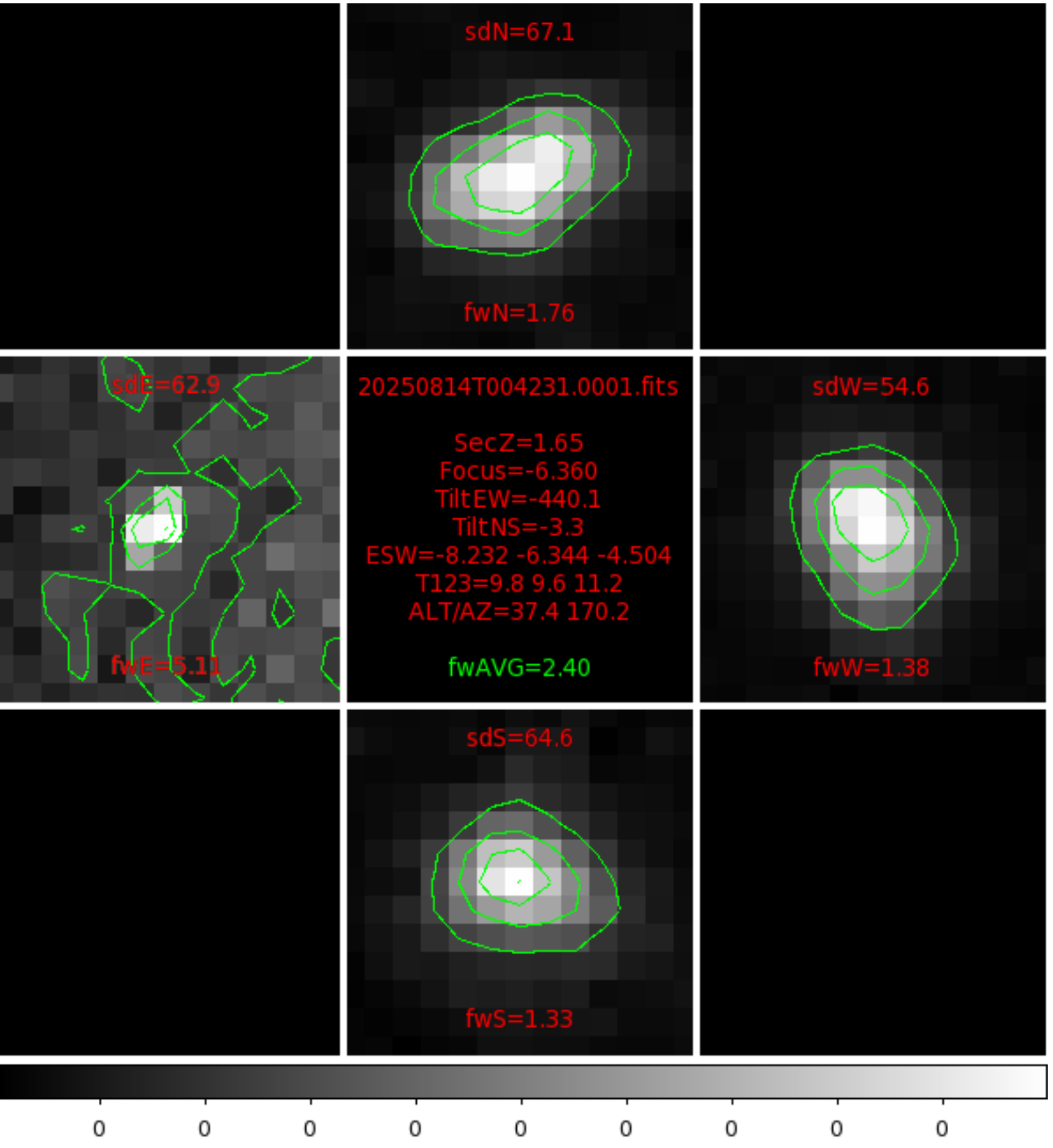
sdN=67.1
fwN=1.76
sdE=62.9
fwE=5.11
20250814T004231.0001.fits
SecZ=1.65
Focus=-6.360
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.232 -6.344 -4.504
T123=9.8 9.6 11.2
ALT/AZ=37.4 170.2
fwAVG=2.40
sdW=54.6
fwW=1.38
sdS=64.6
fwS=1.33
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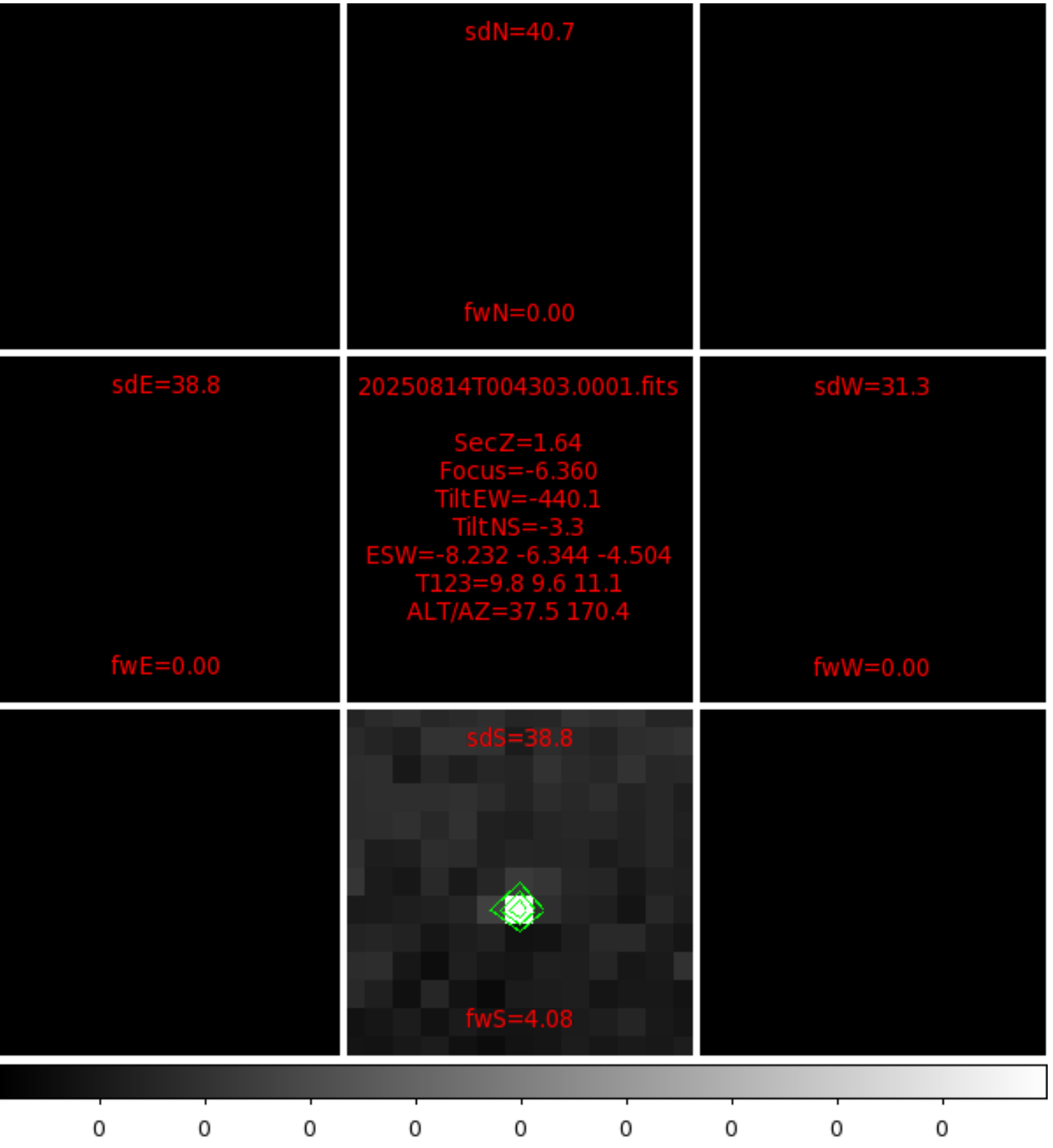
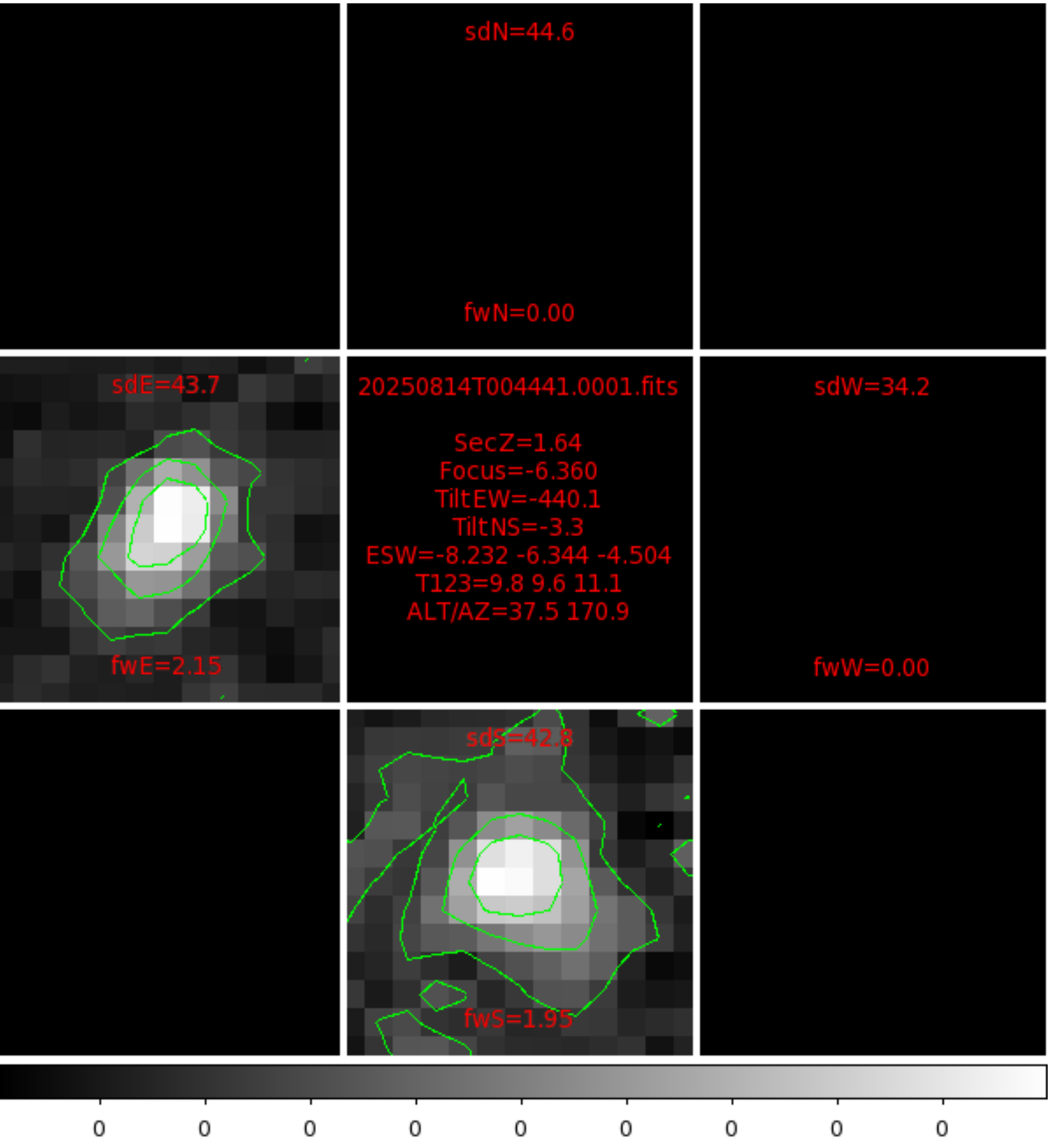

sdN=40.7
fwN=0.00
sdE=38.8
fwE=0.00
20250814T004303.0001.fits
SecZ=1.64
Focus=-6.360
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.232 -6.344 -4.504
T123=9.8 9.6 11.1
ALT/AZ=37.5 170.4
sdW=31.3
fwW=0.00
sdS=38.8
fwS=4.08
0 0 0 0 0 0 0 0 0


sdN=44.6
fwN=0.00
sdE=43.7
fwE=2.15
20250814T004441.0001.fits
SecZ=1.64
Focus=-6.360
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.232 -6.344 -4.504
T123=9.8 9.6 11.1
ALT/AZ=37.5 170.9
sdW=34.2
fwW=0.00
sdS=42.8
fwS=1.95
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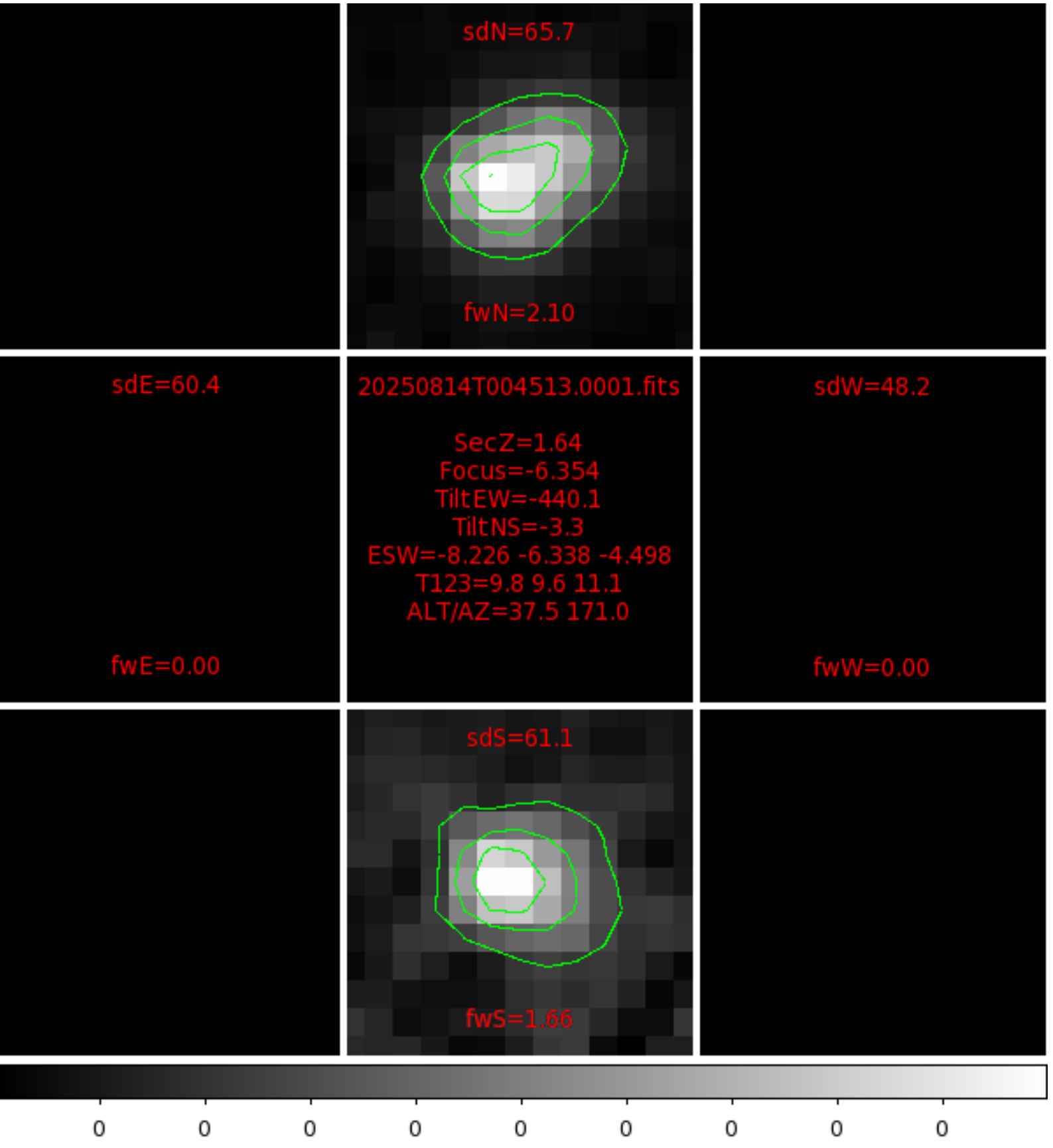
sdN=65.7
fwN=2.10
sdE=60.4
20250814T004513.0001.fits
SecZ=1.64
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.8 9.6 11.1
ALT/AZ=37.5 171.0
sdW=48.2
fwE=0.00
fwW=0.00
sdS=61.1
fwS=1.66
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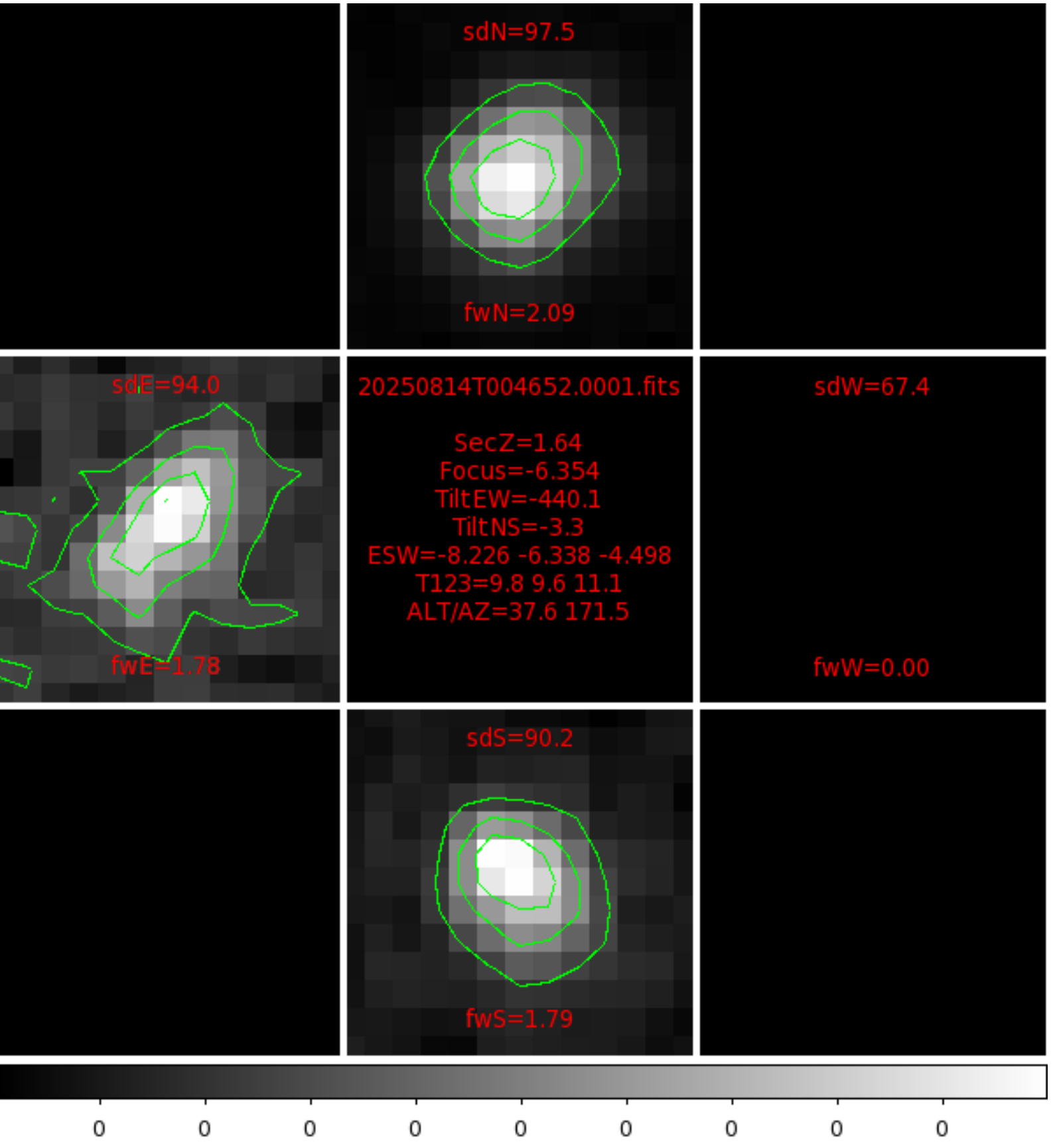
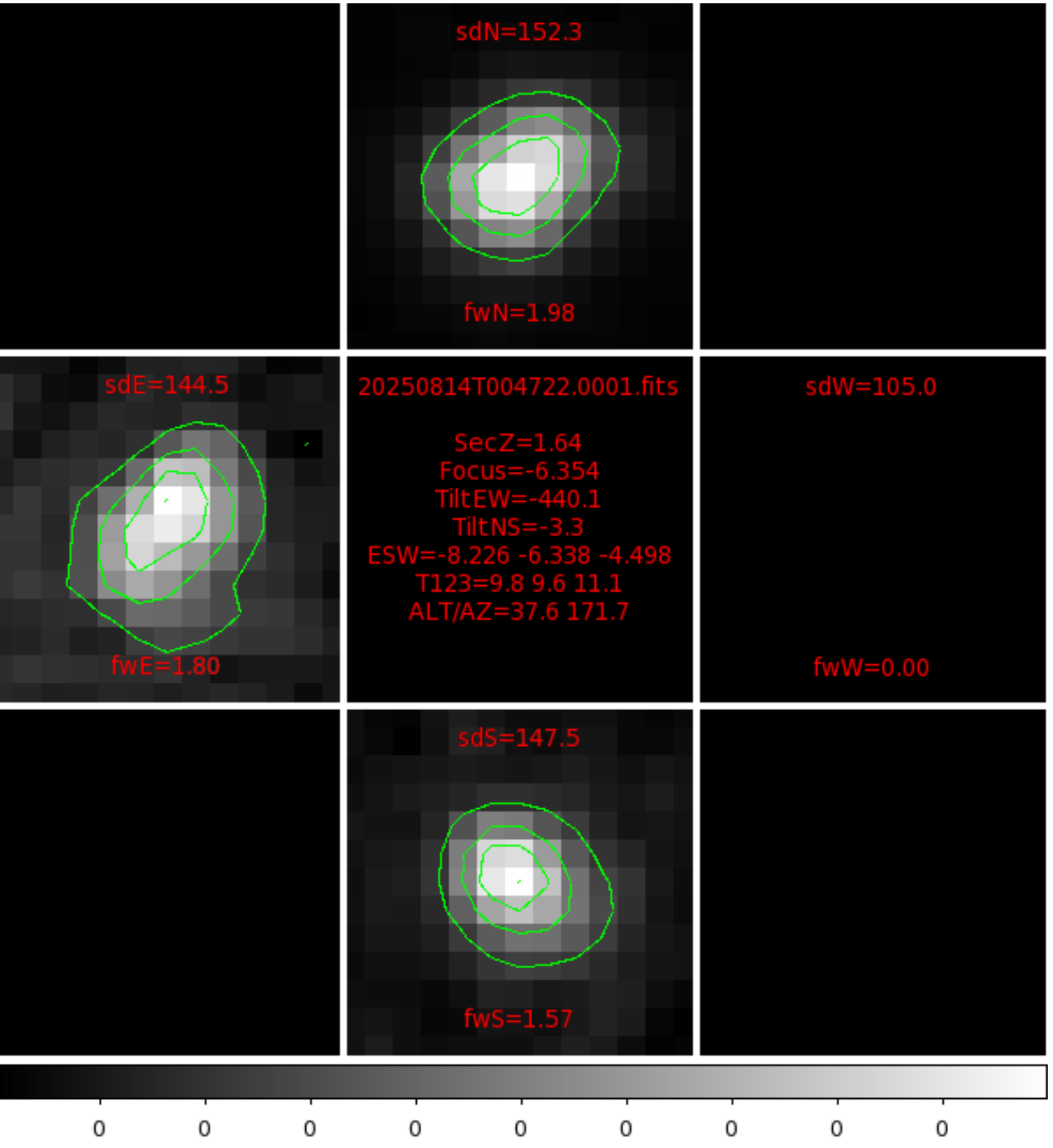

sdN=97.5
fwN=2.09
sdE=94.0
fwE=1.78
20250814T004652.0001.fits
SecZ=1.64
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.8 9.6 11.1
ALT/AZ=37.6 171.5
sdW=67.4
fwW=0.00
sdS=90.2
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=152.3
fwN=1.98
sdE=144.5
fwE=1.80
20250814T004722.0001.fits
SecZ=1.64
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.8 9.6 11.1
ALT/AZ=37.6 171.7
sdW=105.0
fwW=0.00
sdS=147.5
fwS=1.57
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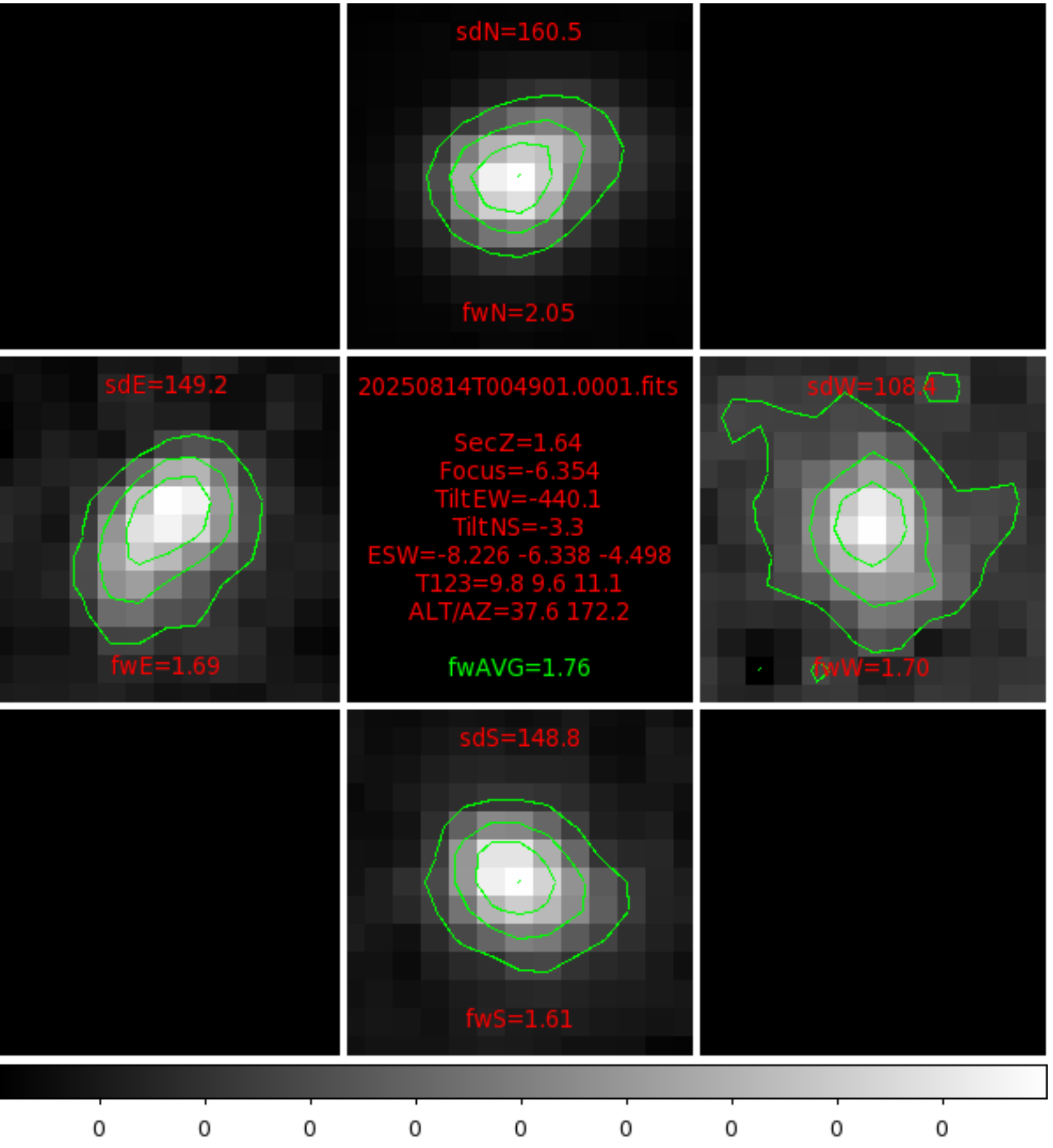
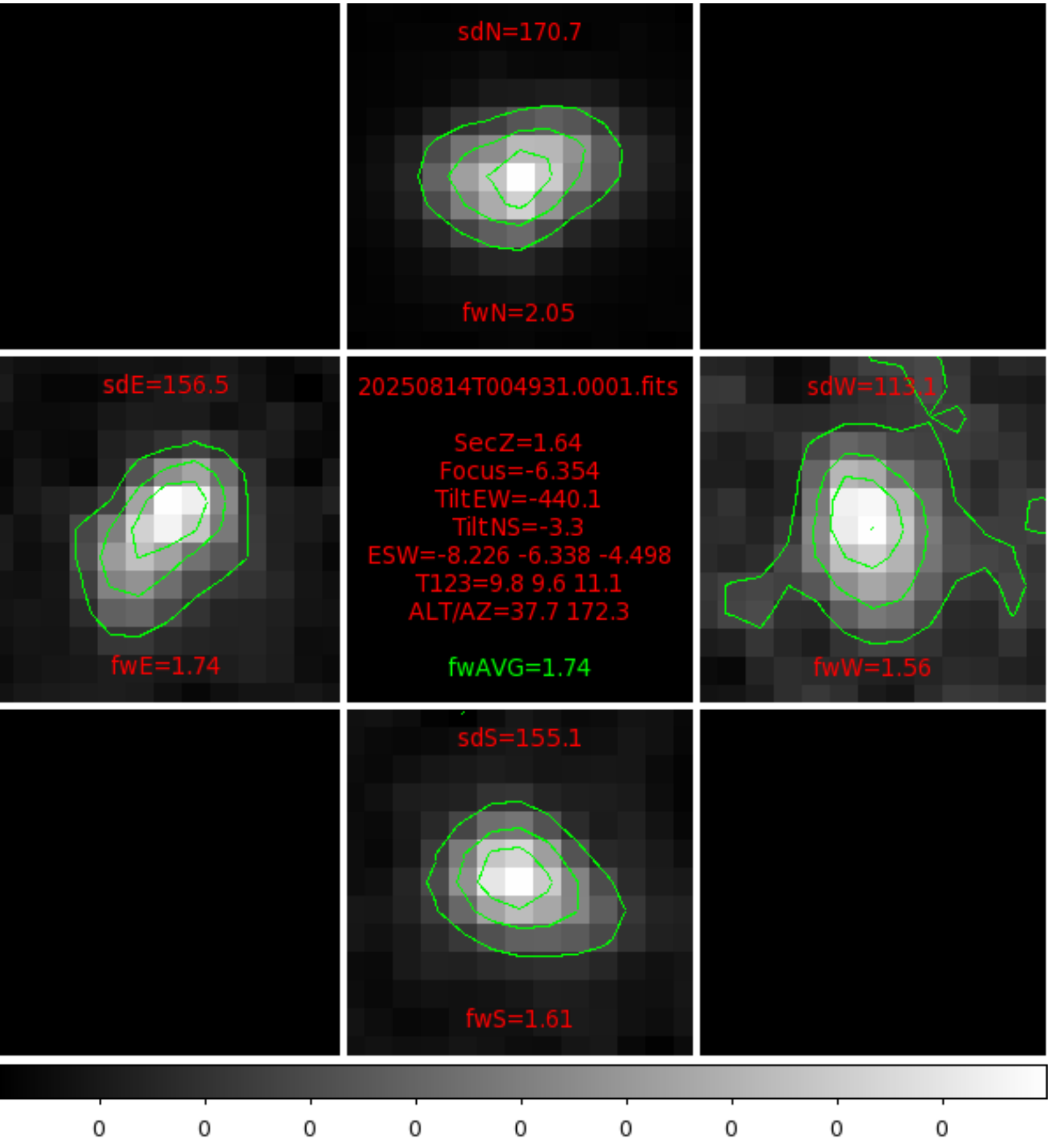
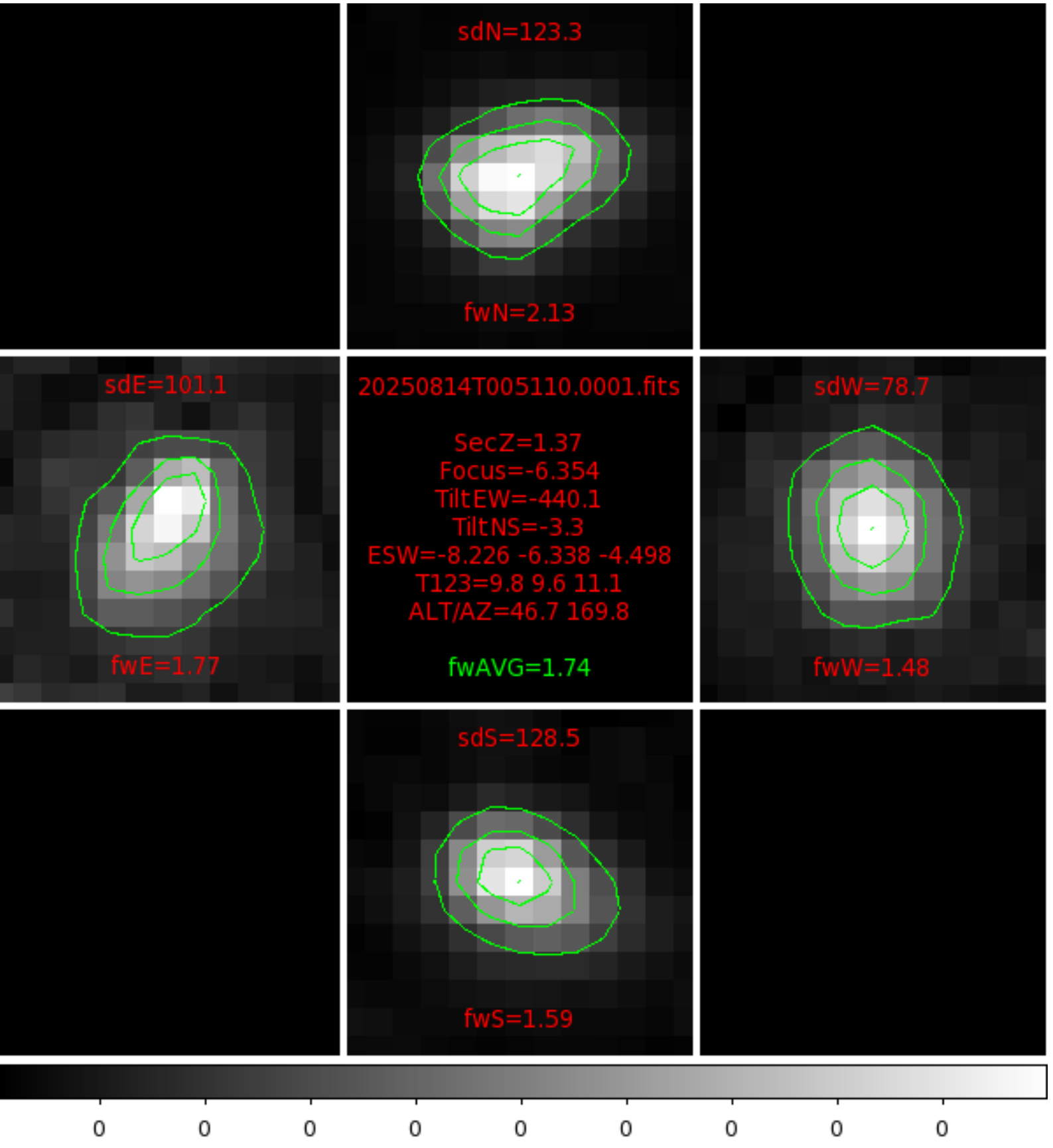

sdN=160.5
fwN=2.05
sdE=149.2
fwE=1.69
20250814T004901.0001.fits
SecZ=1.64
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.8 9.6 11.1
ALT/AZ=37.6 172.2
fwAVG=1.76
sdW=108.4
fwW=1.70
sdS=148.8
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=170.7
fwN=2.05
sdE=156.5
fwE=1.74
20250814T004931.0001.fits
SecZ=1.64
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.8 9.6 11.1
ALT/AZ=37.7 172.3
fwAVG=1.74
sdW=113.1
fwW=1.56
sdS=155.1
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=123.3
fwN=2.13
sdE=101.1
fwE=1.77
20250814T005110.0001.fits
SecZ=1.37
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.8 9.6 11.1
ALT/AZ=46.7 169.8
fwAVG=1.74
sdW=78.7
fwW=1.48
sdS=128.5
fwS=1.59
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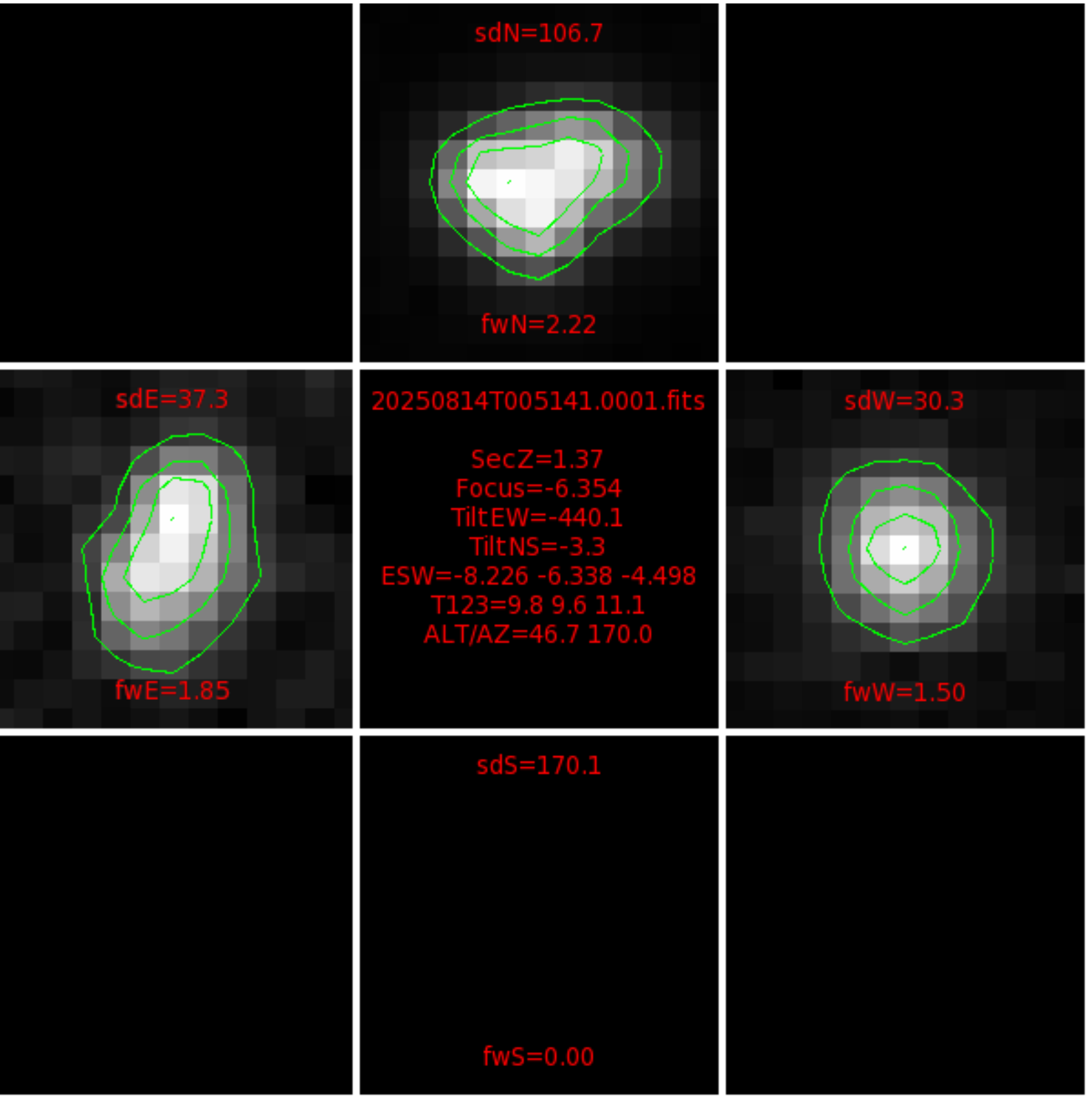
sdN=106.7
fwN=2.22
sdE=37.3
fwE=1.85
20250814T005141.0001.fits
SecZ=1.37
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.8 9.6 11.1
ALT/AZ=46.7 170.0
sdW=30.3
fwW=1.50
sdS=170.1
fwS=0.00
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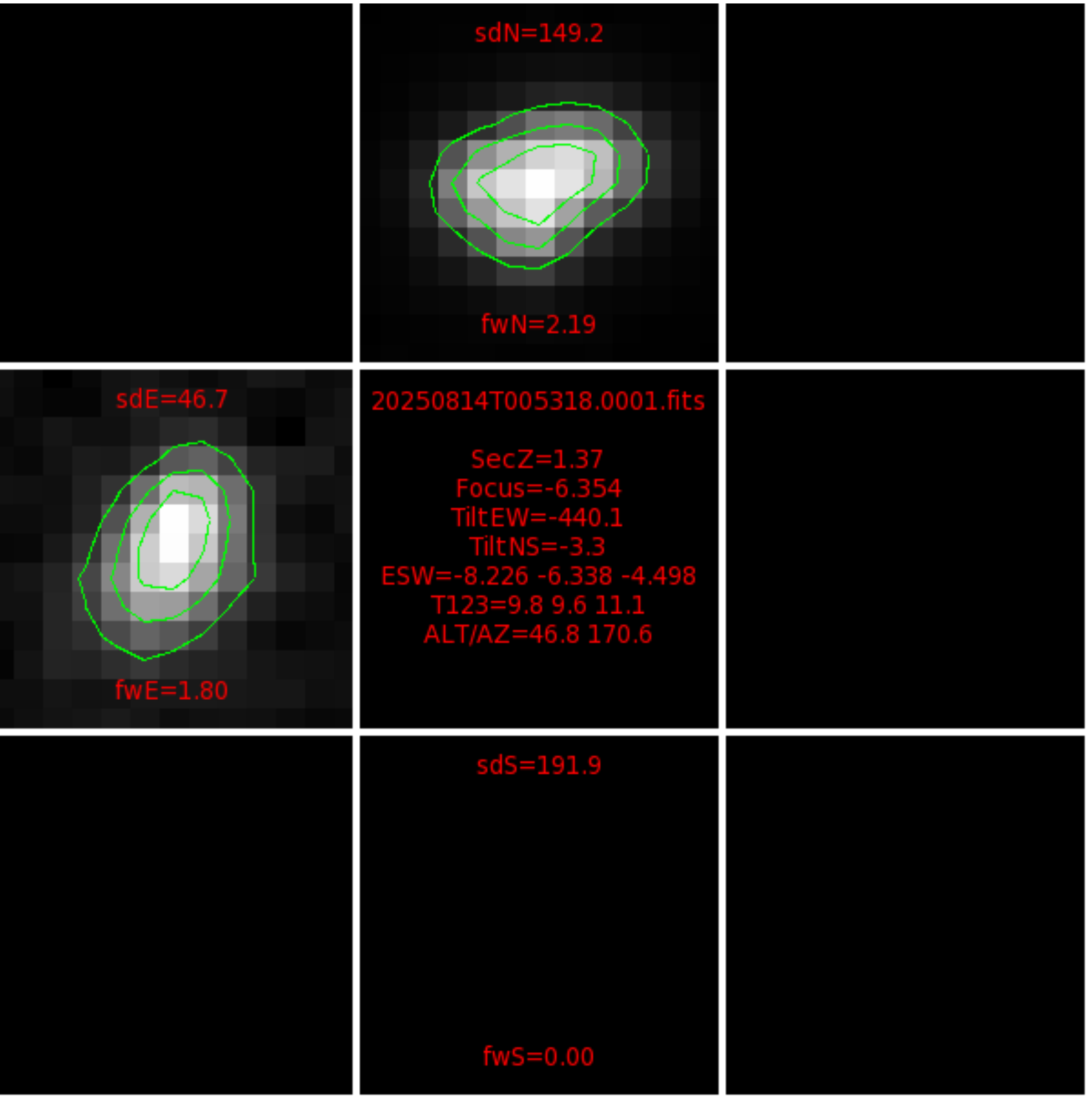
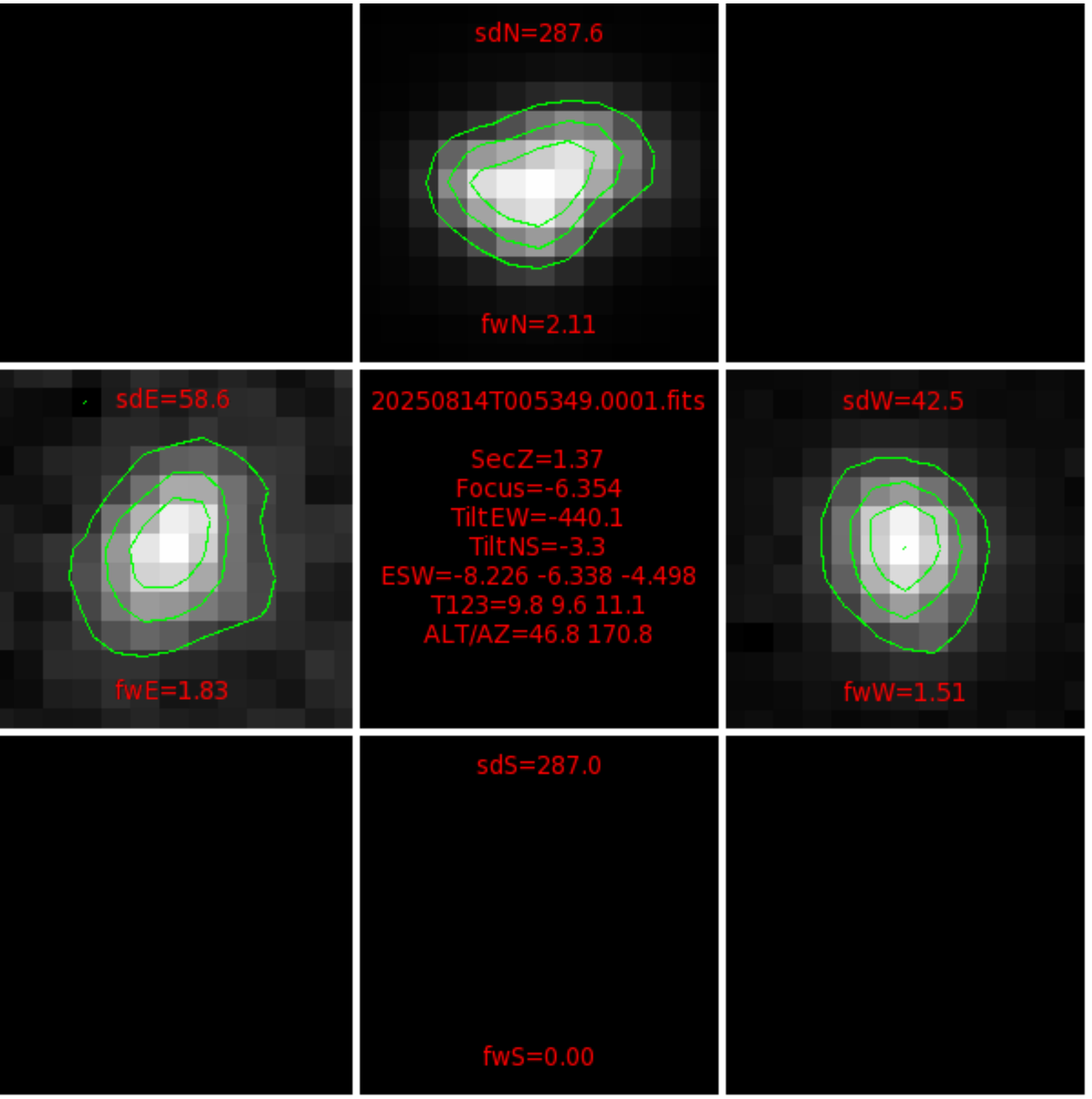
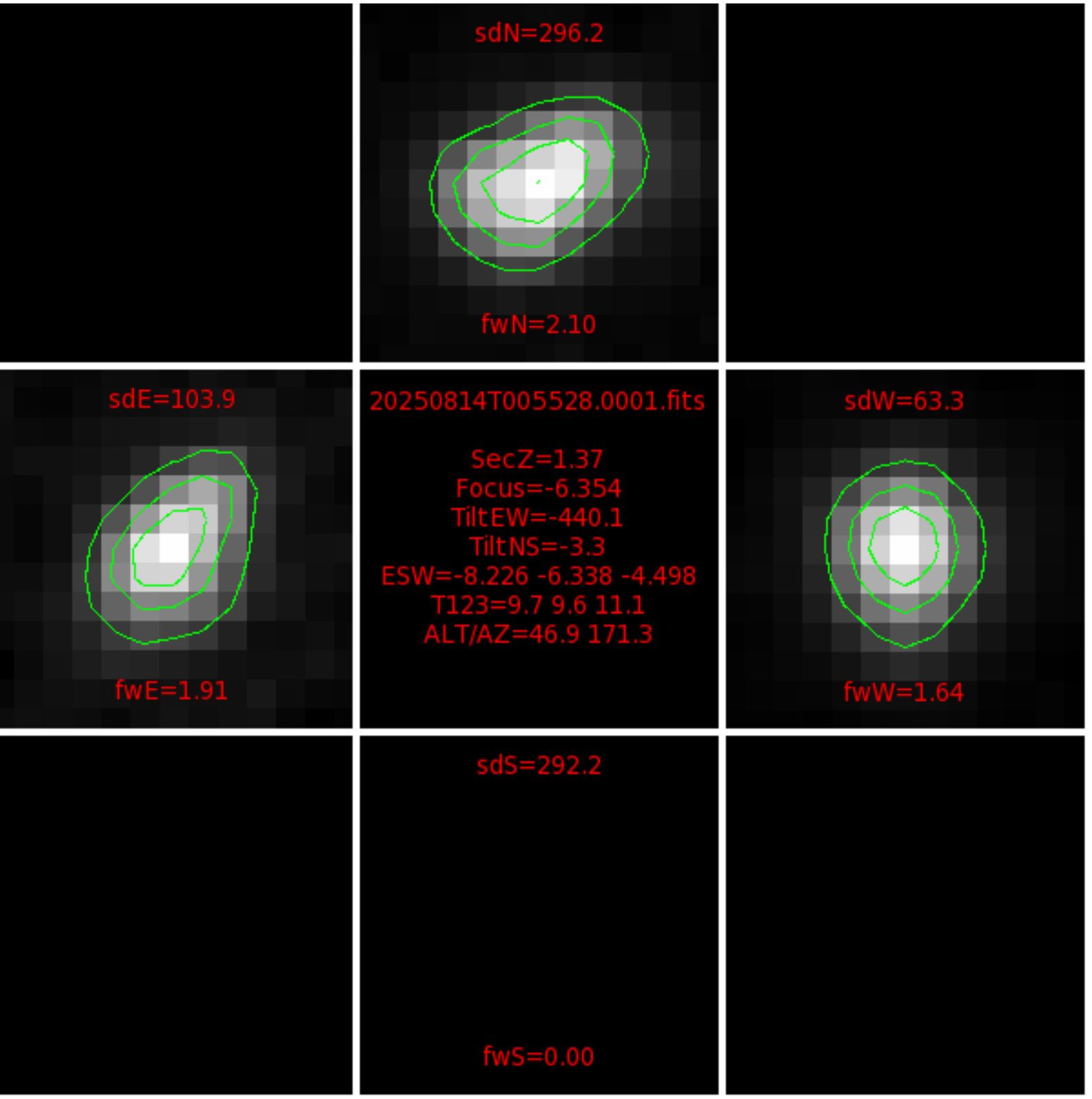

sdN=149.2
fwN=2.19
sdE=46.7
fwE=1.80
20250814T005318.0001.fits
SecZ=1.37
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.8 9.6 11.1
ALT/AZ=46.8 170.6
sdS=191.9
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=287.6
fwN=2.11
sdE=58.6
fwE=1.83
20250814T005349.0001.fits
SecZ=1.37
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.8 9.6 11.1
ALT/AZ=46.8 170.8
sdW=42.5
fwW=1.51
sdS=287.0
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=296.2
fwN=2.10
sdE=103.9
fwE=1.91
20250814T005528.0001.fits
SecZ=1.37
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.7 9.6 11.1
ALT/AZ=46.9 171.3
sdW=63.3
fwW=1.64
sdS=292.2
fwS=0.00
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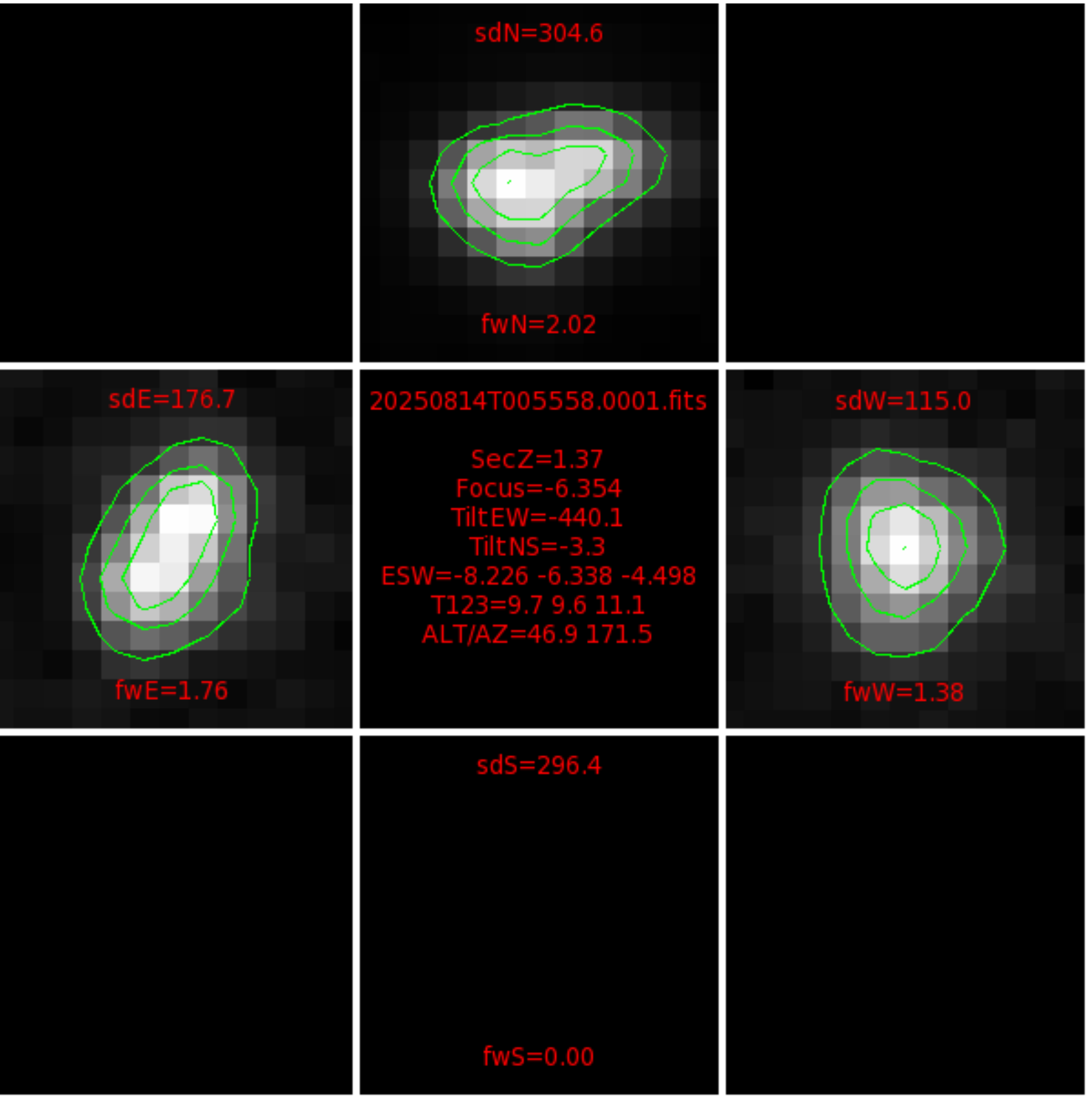
sdN=304.6
fwN=2.02
sdE=176.7
fwE=1.76
20250814T005558.0001.fits
SecZ=1.37
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.7 9.6 11.1
ALT/AZ=46.9 171.5
sdW=115.0
fwW=1.38
sdS=296.4
fwS=0.00
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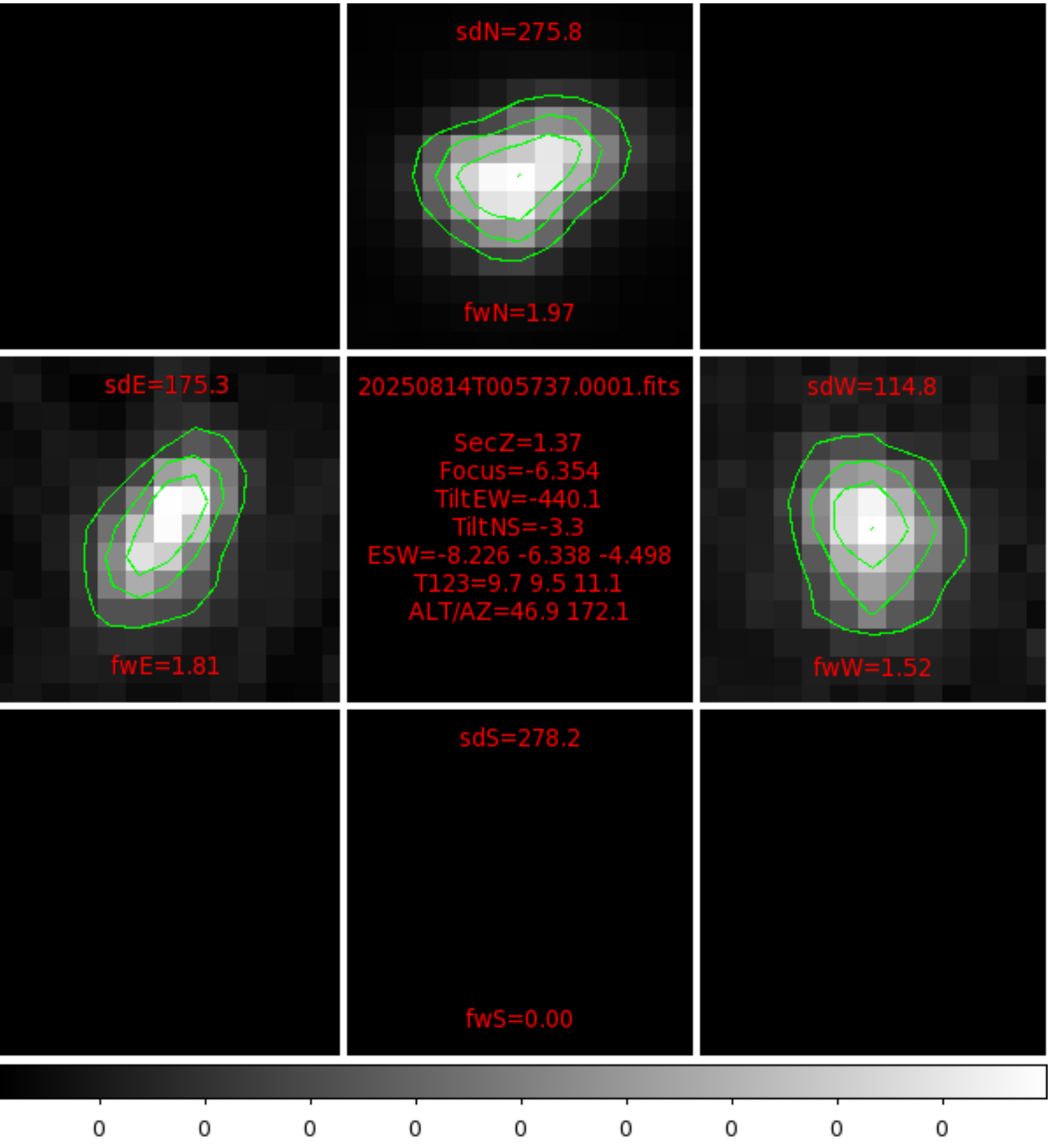
sdN=275.8
fwN=1.97
sdE=175.3
fwE=1.81
20250814T005737.0001.fits
SecZ=1.37
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.7 9.5 11.1
ALT/AZ=46.9 172.1
sdW=114.8
fwW=1.52
sdS=278.2
fwS=0.00
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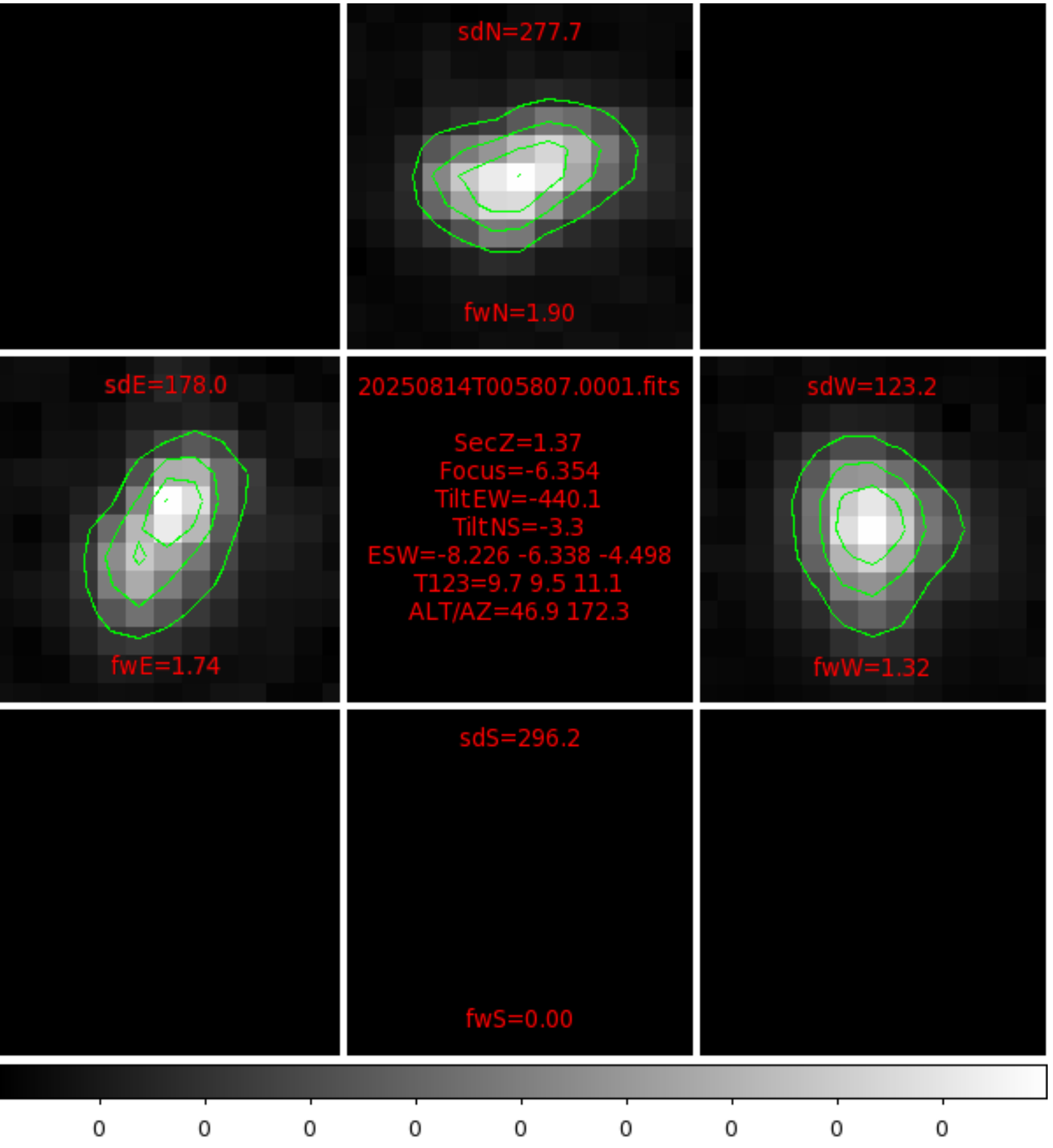
sdN=277.7
fwN=1.90
sdE=178.0
fwE=1.74
20250814T005807.0001.fits
SecZ=1.37
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.7 9.5 11.1
ALT/AZ=46.9 172.3
sdW=123.2
fwW=1.32
sdS=296.2
fwS=0.00
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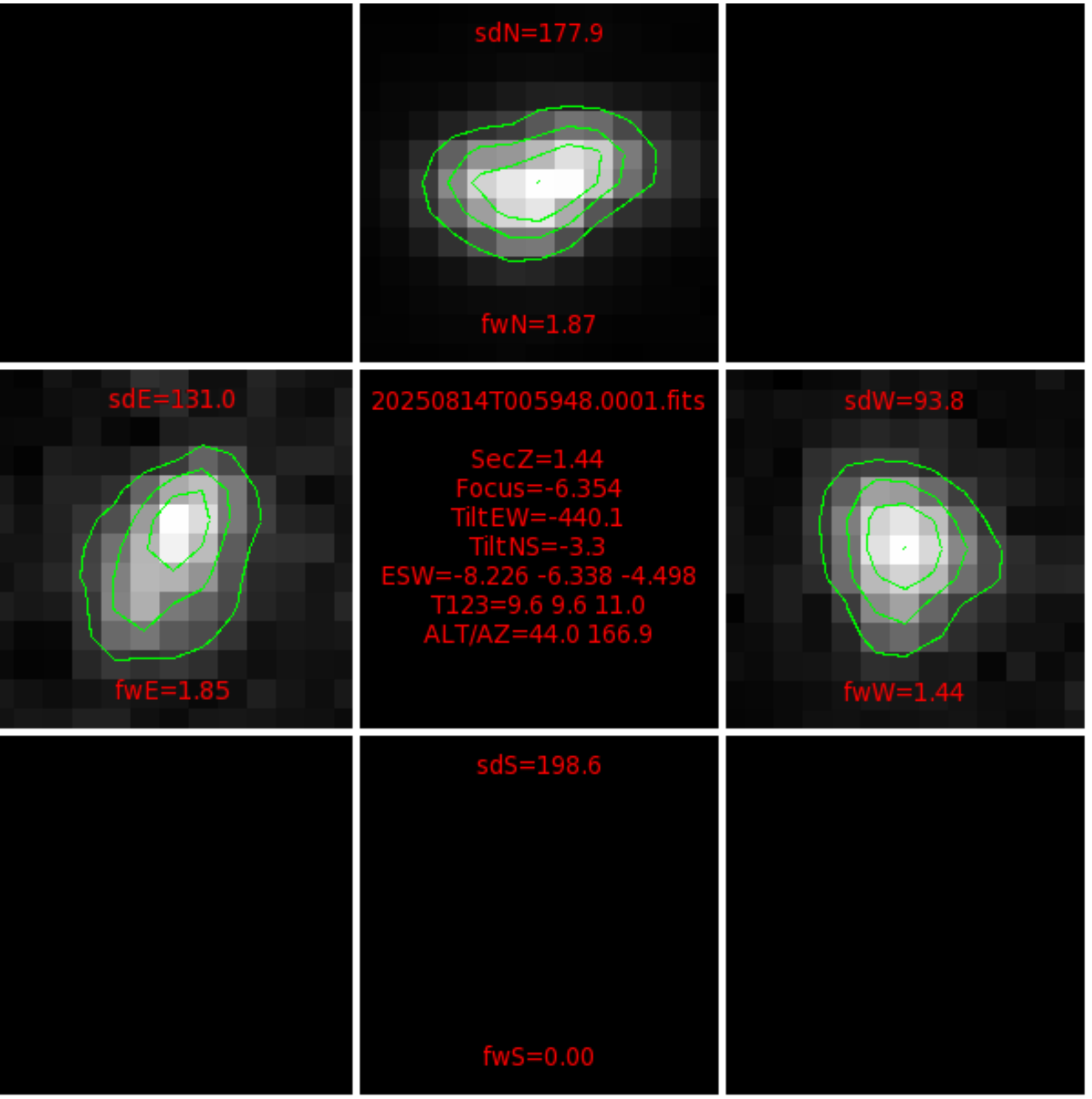
sdN=177.9
fwN=1.87
sdE=131.0
fwE=1.85
20250814T005948.0001.fits
SecZ=1.44
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.6 9.6 11.0
ALT/AZ=44.0 166.9
sdW=93.8
fwW=1.44
sdS=198.6
fwS=0.00
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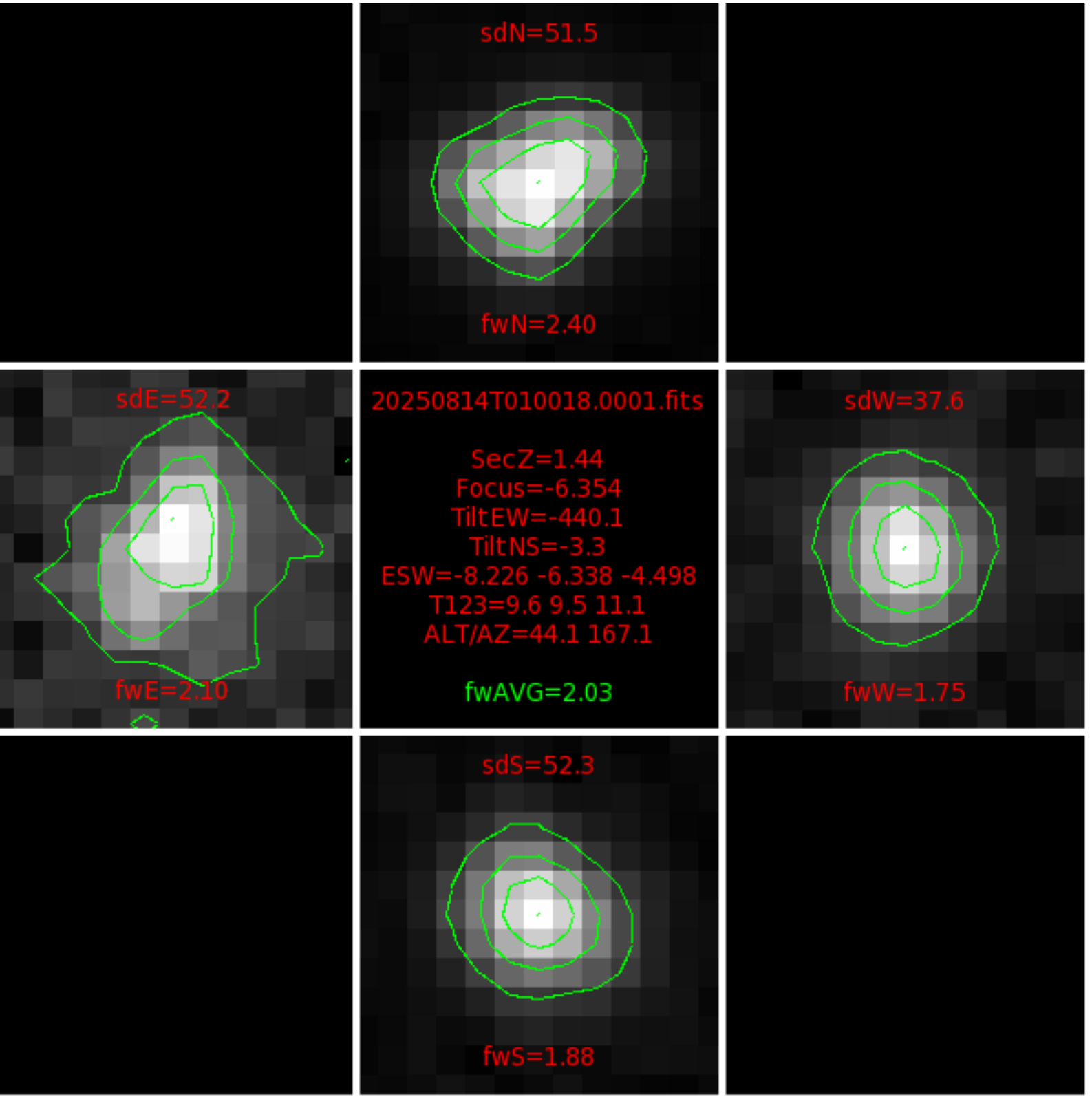
sdN=51.5
fwN=2.40
sdE=52.2
fwE=2.10
20250814T010018.0001.fits
SecZ=1.44
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.6 9.5 11.1
ALT/AZ=44.1 167.1
fwAVG=2.03
sdW=37.6
fwW=1.75
sdS=52.3
fwS=1.88
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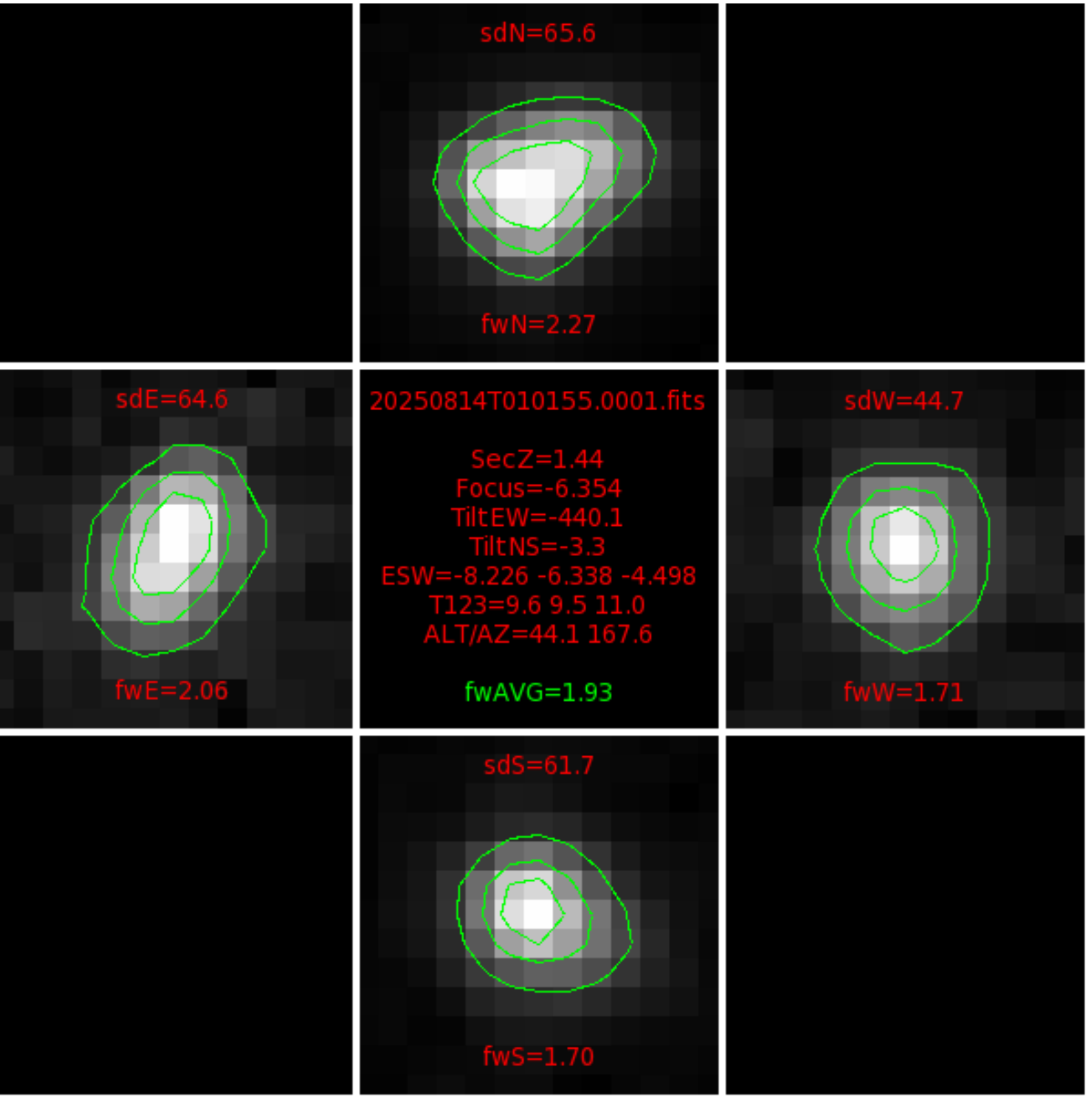
sdN=65.6
fwN=2.27
sdE=64.6
fwE=2.06
20250814T010155.0001.fits
SecZ=1.44
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.6 9.5 11.0
ALT/AZ=44.1 167.6
fwAVG=1.93
sdW=44.7
fwW=1.71
sdS=61.7
fwS=1.70
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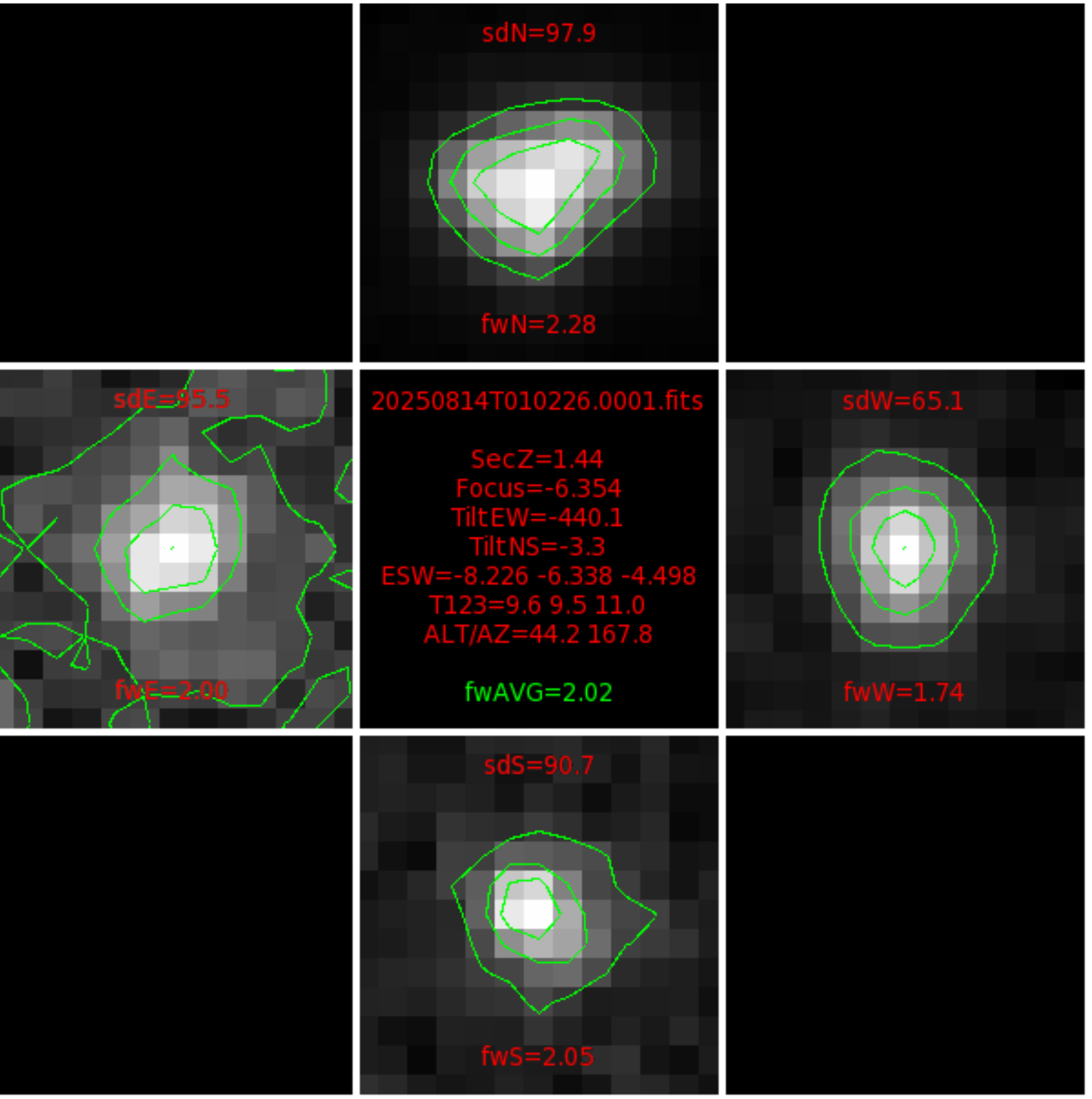
sdN=97.9
fwN=2.28
sdE=95.5
fwE=2.00
20250814T010226.0001.fits
SecZ=1.44
Focus=-6.354
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.226 -6.338 -4.498
T123=9.6 9.5 11.0
ALT/AZ=44.2 167.8
fwAVG=2.02
sdW=65.1
fwW=1.74
sdS=90.7
fwS=2.05
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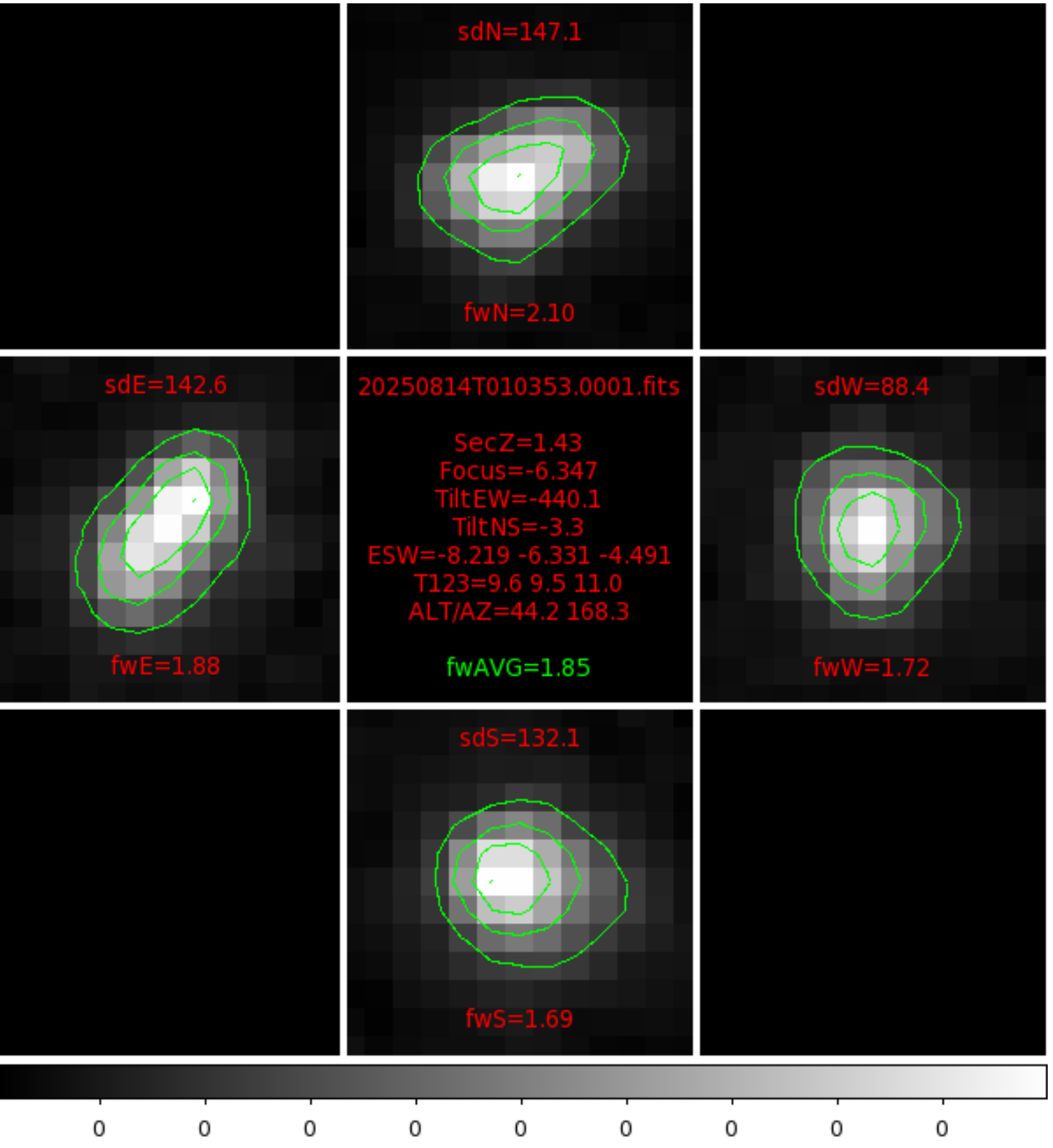
sdN=147.1
fwN=2.10
sdE=142.6
fwE=1.88
20250814T010353.0001.fits
SecZ=1.43
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.6 9.5 11.0
ALT/AZ=44.2 168.3
fwAVG=1.85
sdW=88.4
fwW=1.72
sdS=132.1
fwS=1.69
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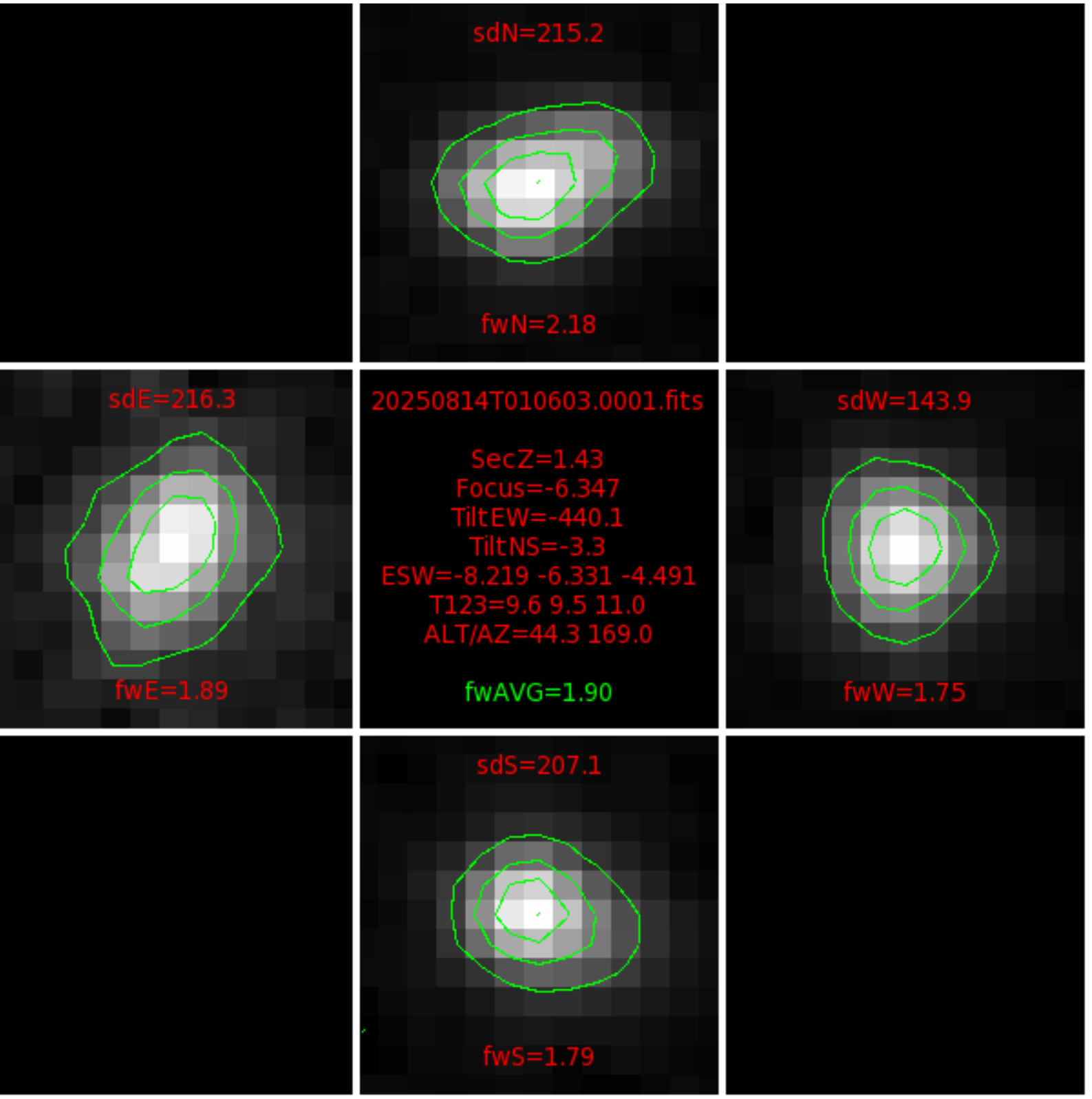
sdN=215.2
fwN=2.18
sdE=216.3
fwE=1.89
20250814T010603.0001.fits
SecZ=1.43
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.6 9.5 11.0
ALT/AZ=44.3 169.0
fwAVG=1.90
sdW=143.9
fwW=1.75
sdS=207.1
fwS=1.79
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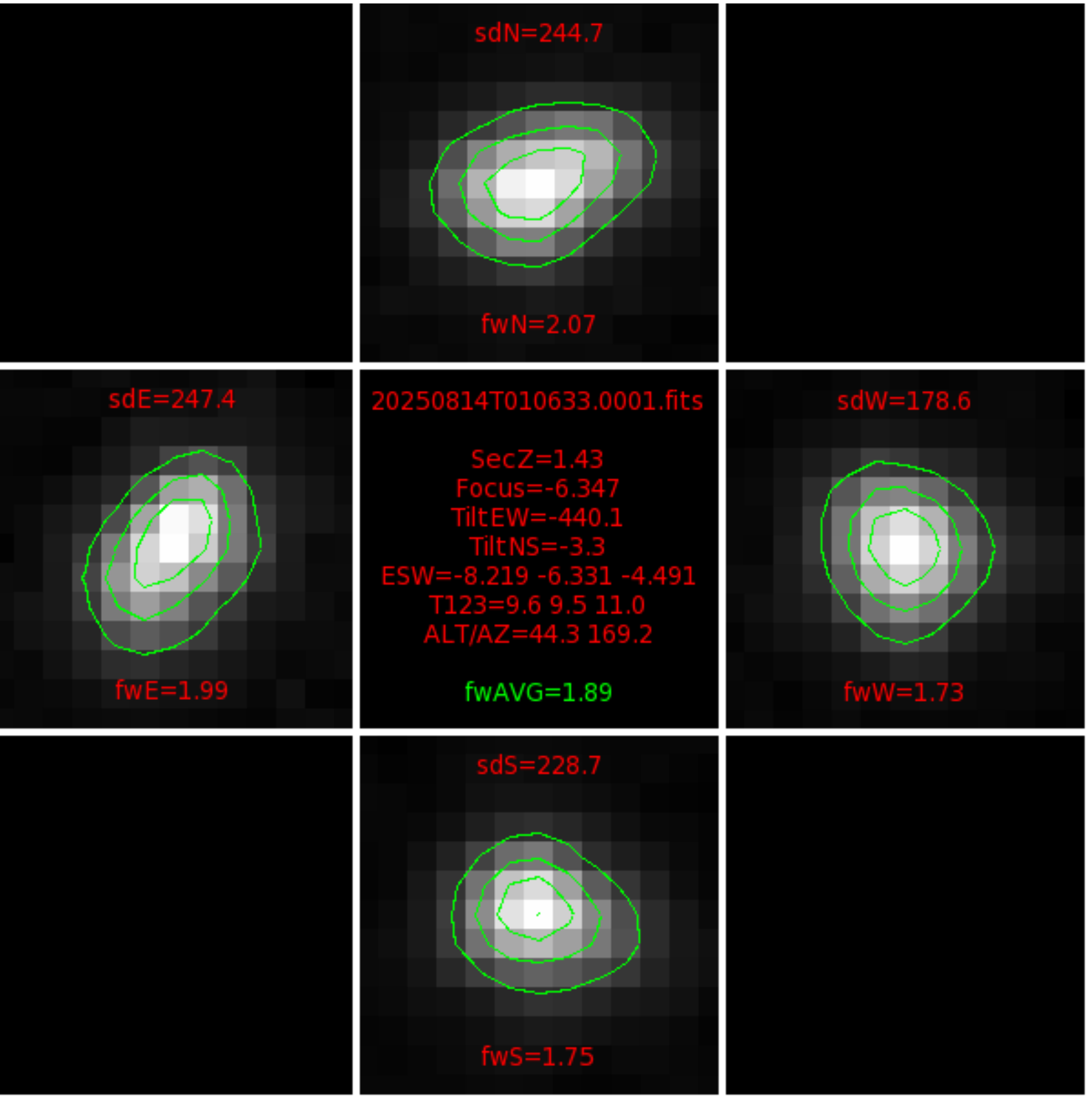
sdN=244.7
fwN=2.07
sdE=247.4
fwE=1.99
20250814T010633.0001.fits
SecZ=1.43
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.6 9.5 11.0
ALT/AZ=44.3 169.2
fwAVG=1.89
sdW=178.6
fwW=1.73
sdS=228.7
fwS=1.75
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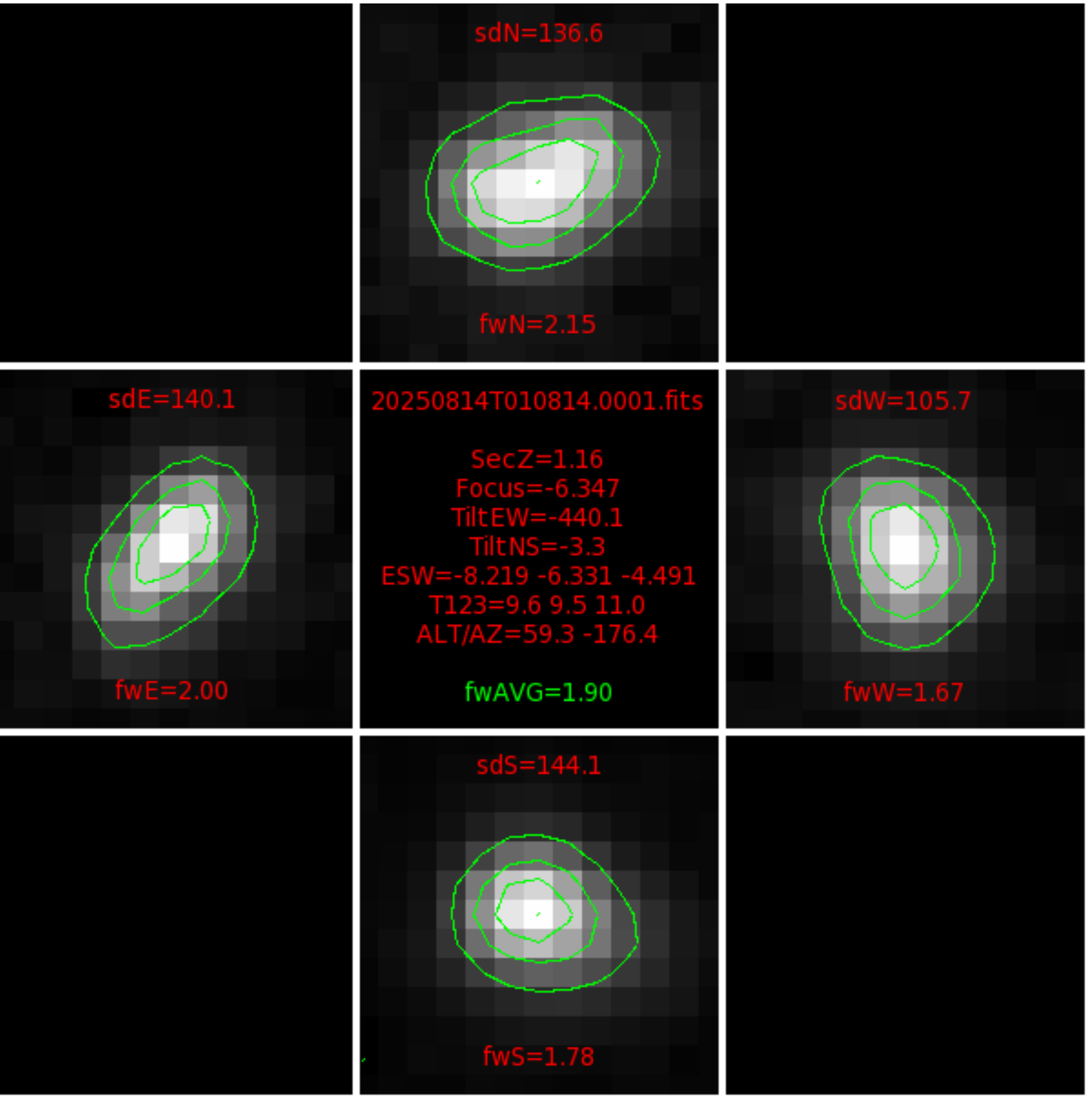
sdN=136.6
fwN=2.15
sdE=140.1
fwE=2.00
20250814T010814.0001.fits
SecZ=1.16
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.6 9.5 11.0
ALT/AZ=59.3 -176.4
fwAVG=1.90
sdW=105.7
fwW=1.67
sdS=144.1
fwS=1.78
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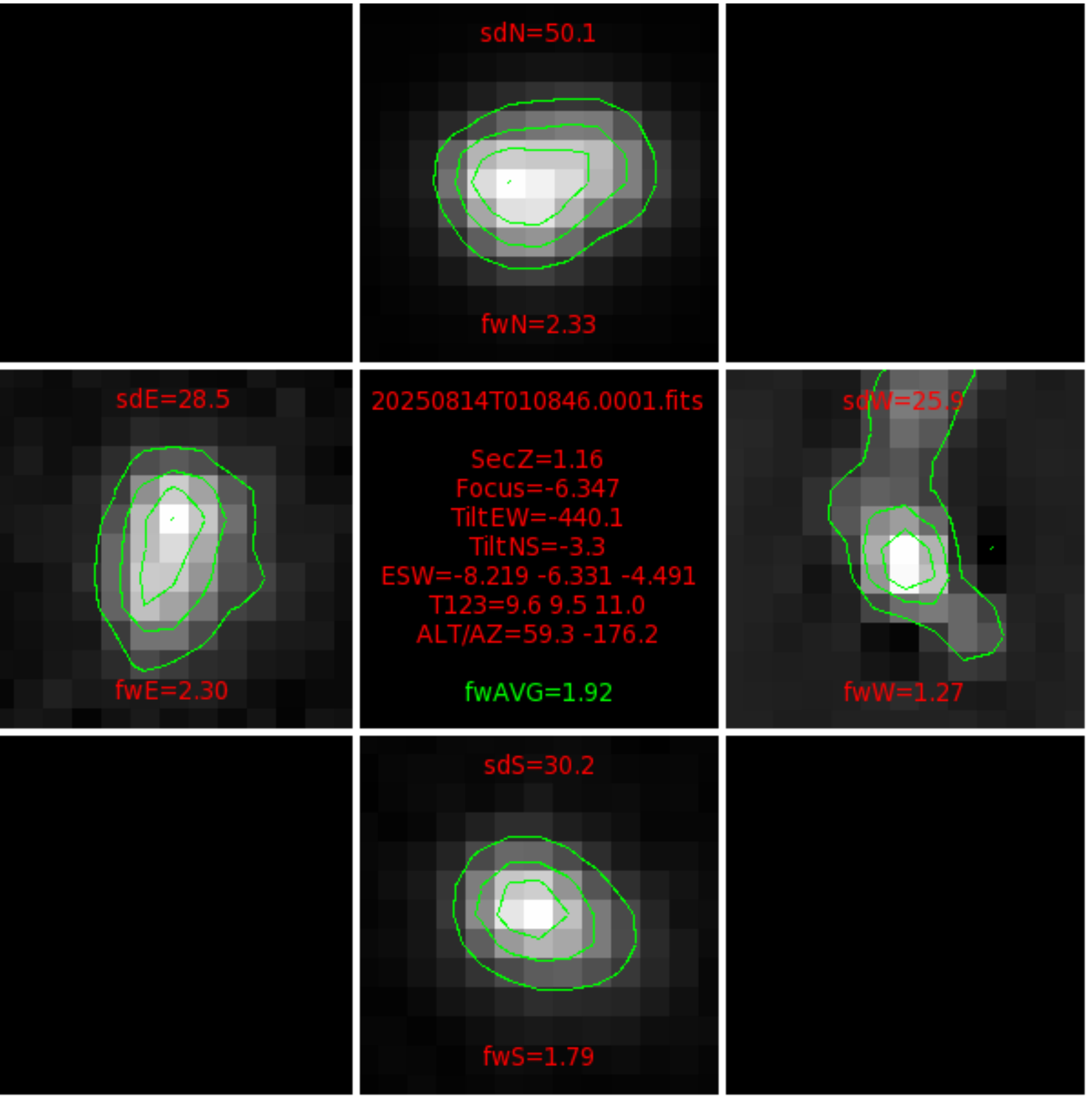
sdN=50.1
fwN=2.33
sdE=28.5
fwE=2.30
20250814T010846.0001.fits
SecZ=1.16
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.6 9.5 11.0
ALT/AZ=59.3 -176.2
fwAVG=1.92
sdW=25.9
fwW=1.27
sdS=30.2
fwS=1.79
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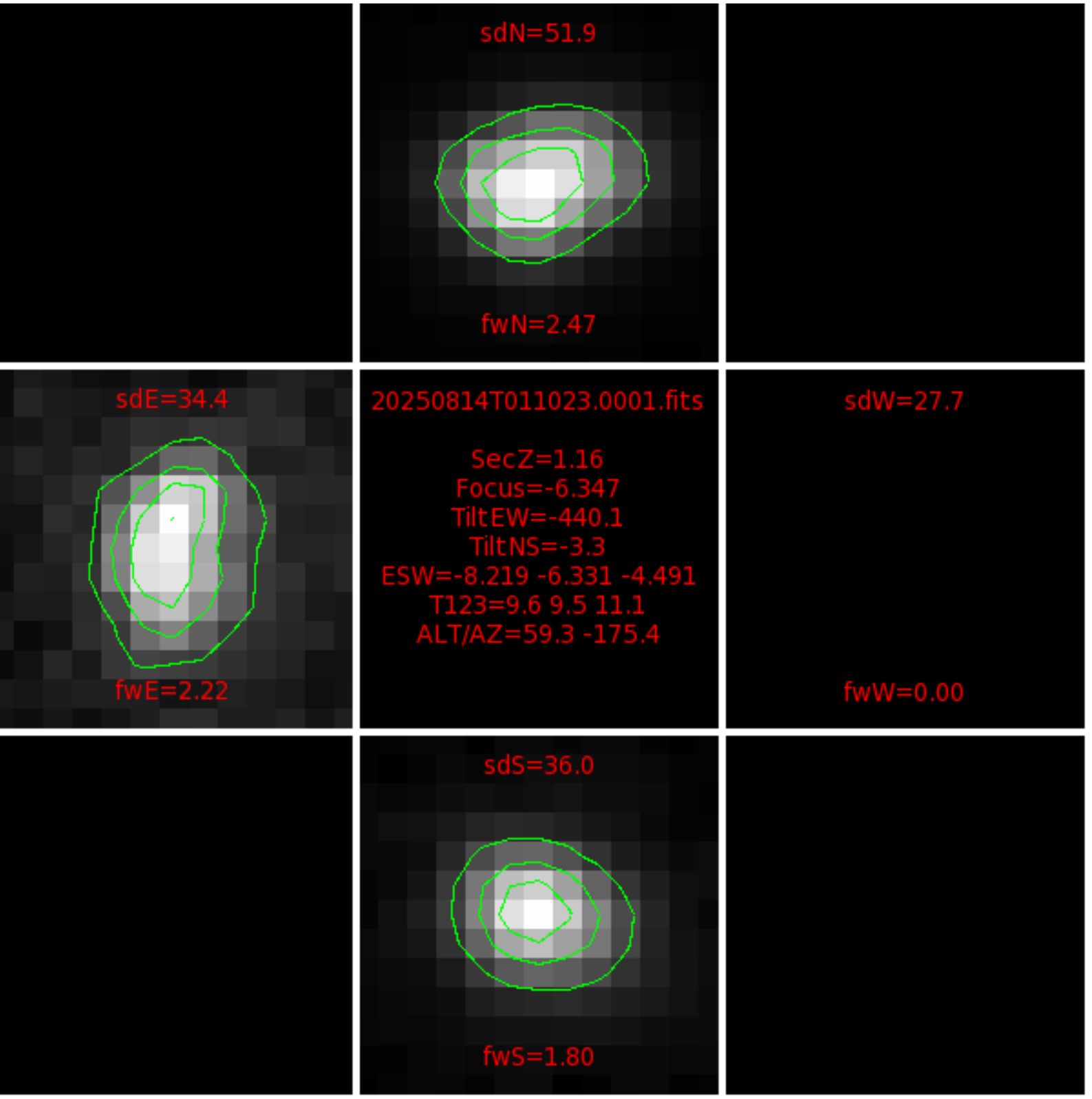
sdN=51.9
fwN=2.47
sdE=34.4
fwE=2.22
20250814T011023.0001.fits
SecZ=1.16
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.6 9.5 11.1
ALT/AZ=59.3 -175.4
sdW=27.7
fwW=0.00
sdS=36.0
fwS=1.80
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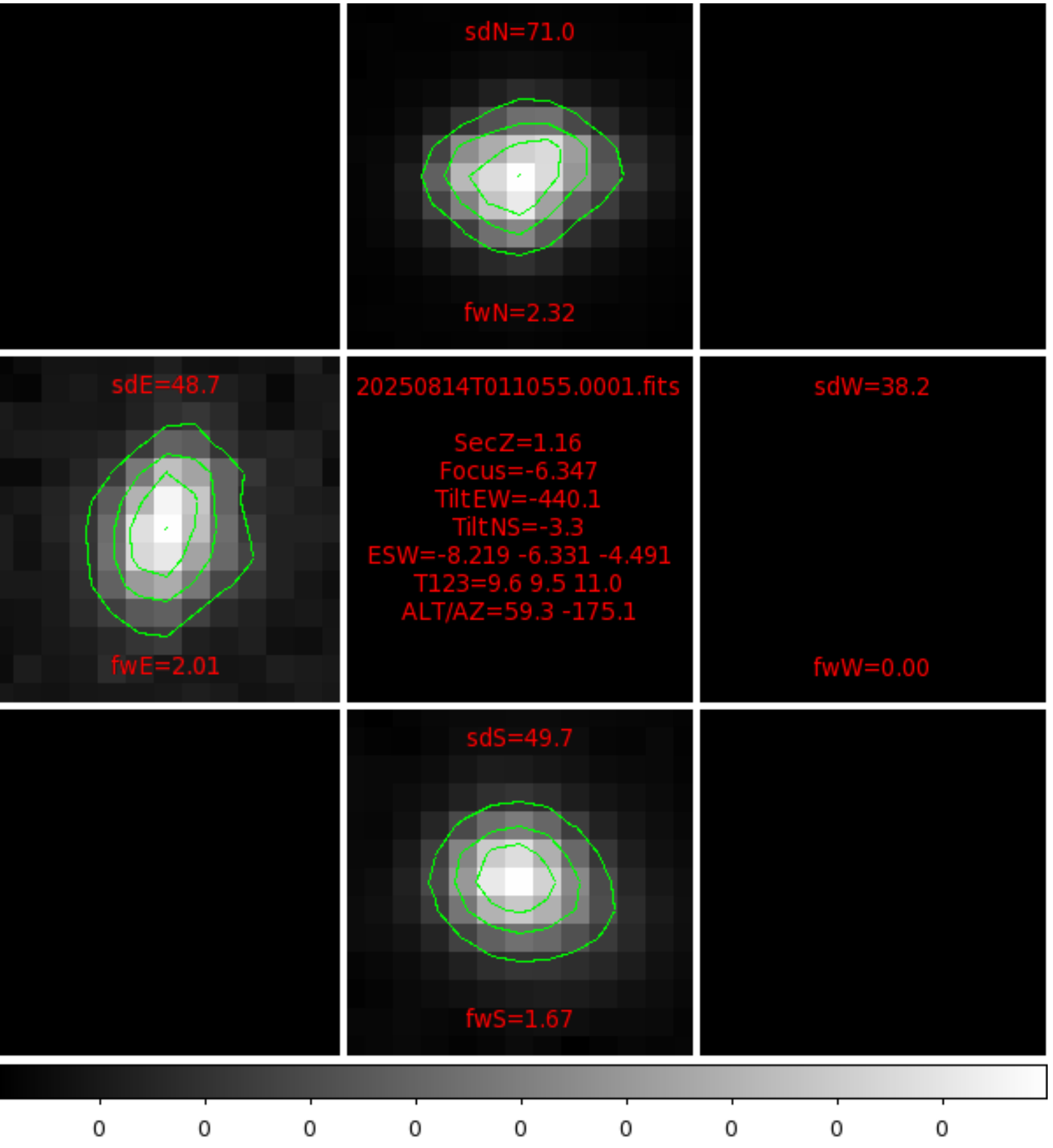
sdN=71.0
fwN=2.32
sdE=48.7
fwE=2.01
20250814T011055.0001.fits
SecZ=1.16
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.6 9.5 11.0
ALT/AZ=59.3 -175.1
sdW=38.2
fwW=0.00
sdS=49.7
fwS=1.67
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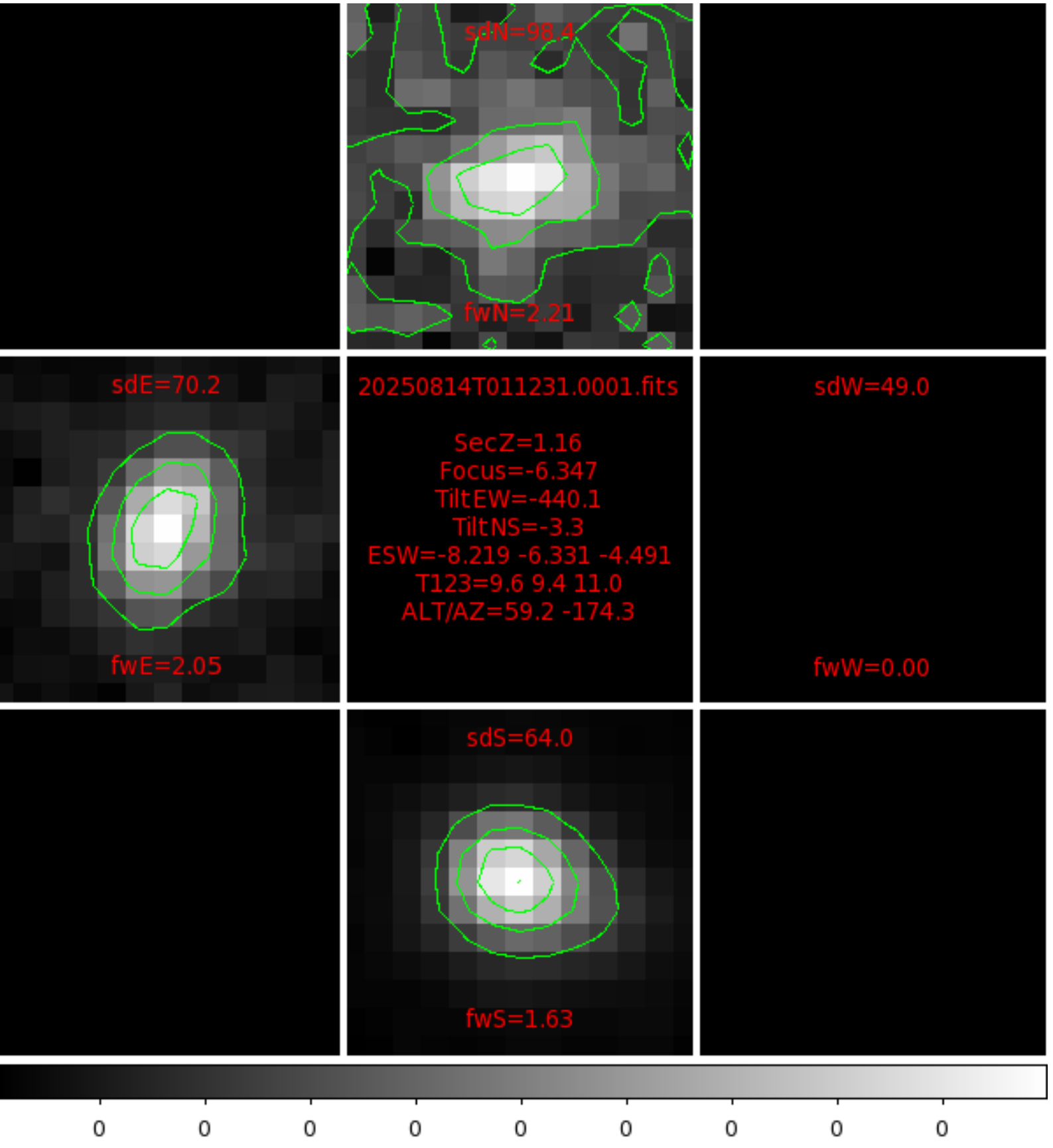
sdN=98.4
fwN=2.21
sdE=70.2
fwE=2.05
20250814T011231.0001.fits
SecZ=1.16
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.6 9.4 11.0
ALT/AZ=59.2 -174.3
sdW=49.0
fwW=0.00
sdS=64.0
fwS=1.63
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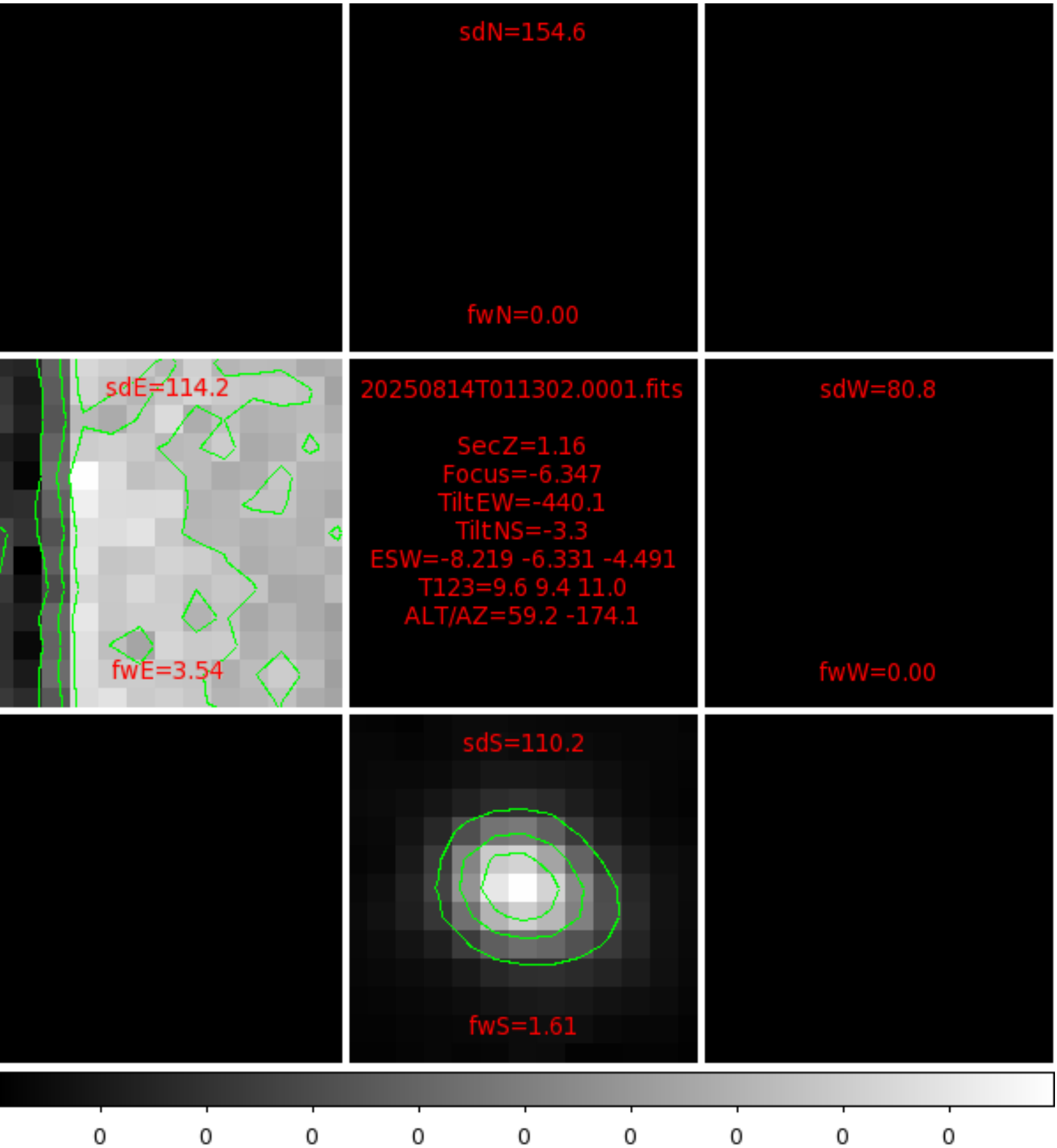
sdN=154.6
fwN=0.00
sdE=114.2
fwE=3.54
20250814T011302.0001.fits
SecZ=1.16
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.6 9.4 11.0
ALT/AZ=59.2 -174.1
sdW=80.8
fwW=0.00
sdS=110.2
fwS=1.61
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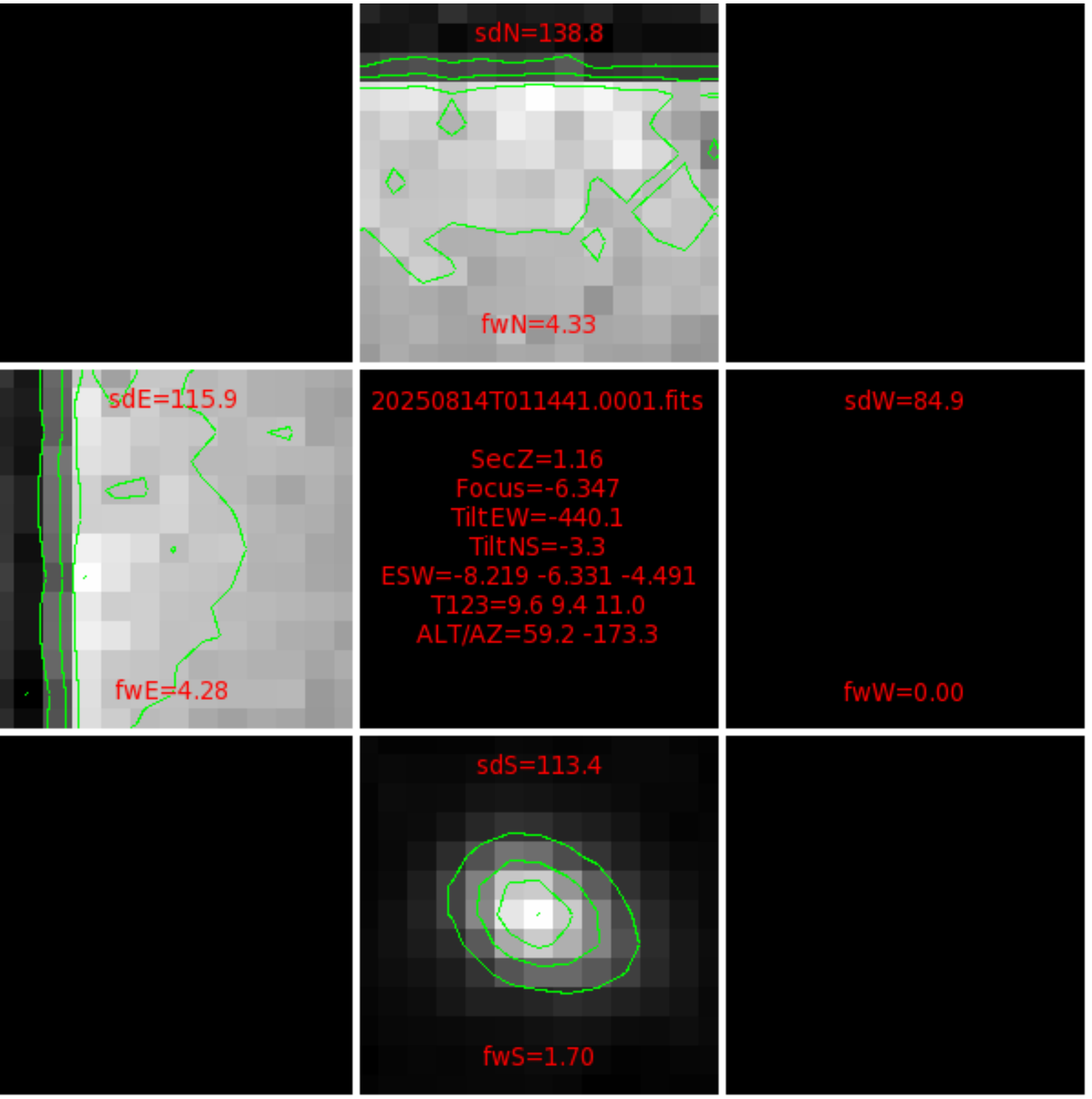
sdN=138.8
fwN=4.33
sdE=115.9
fwE=4.28
20250814T011441.0001.fits
SecZ=1.16
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.6 9.4 11.0
ALT/AZ=59.2 -173.3
sdW=84.9
fwW=0.00
sdS=113.4
fwS=1.70
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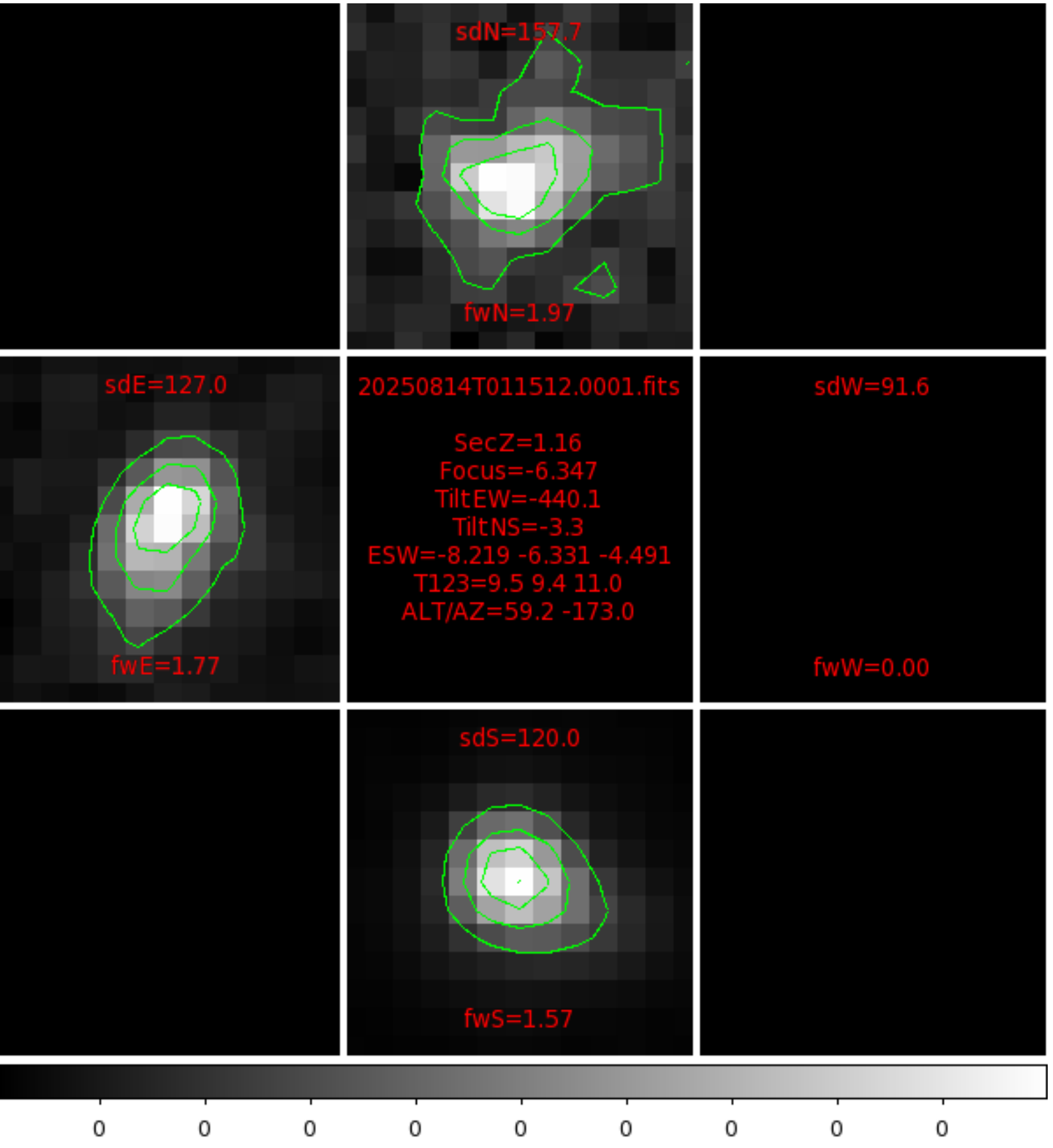
sdN=157.7
fwN=1.97
sdE=127.0
fwE=1.77
20250814T011512.0001.fits
SecZ=1.16
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.5 9.4 11.0
ALT/AZ=59.2 -173.0
sdW=91.6
fwW=0.00
sdS=120.0
fwS=1.57
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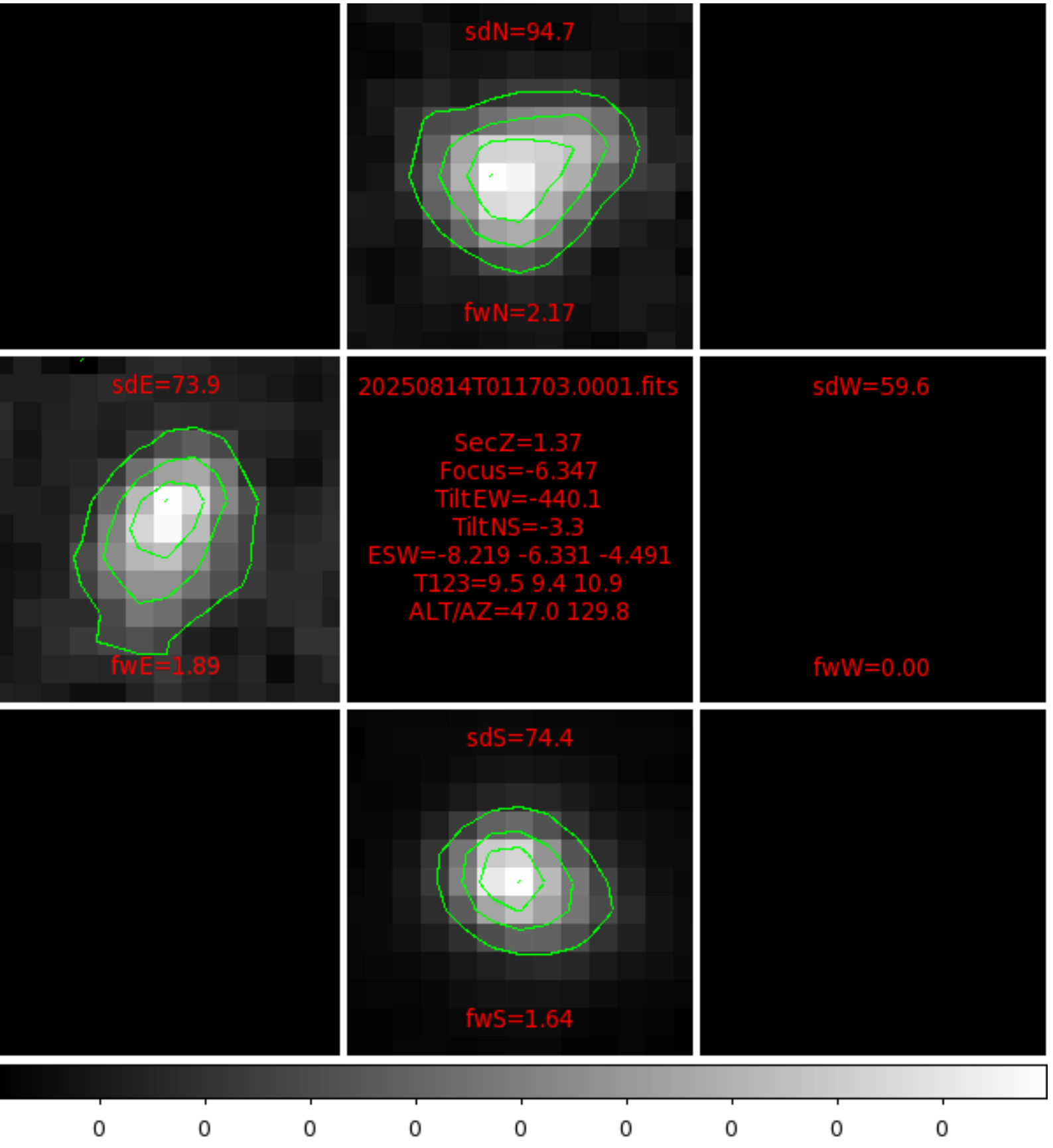
sdN=94.7
fwN=2.17
sdE=73.9
fwE=1.89
20250814T011703.0001.fits
SecZ=1.37
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.5 9.4 10.9
ALT/AZ=47.0 129.8
sdW=59.6
fwW=0.00
sdS=74.4
fwS=1.64
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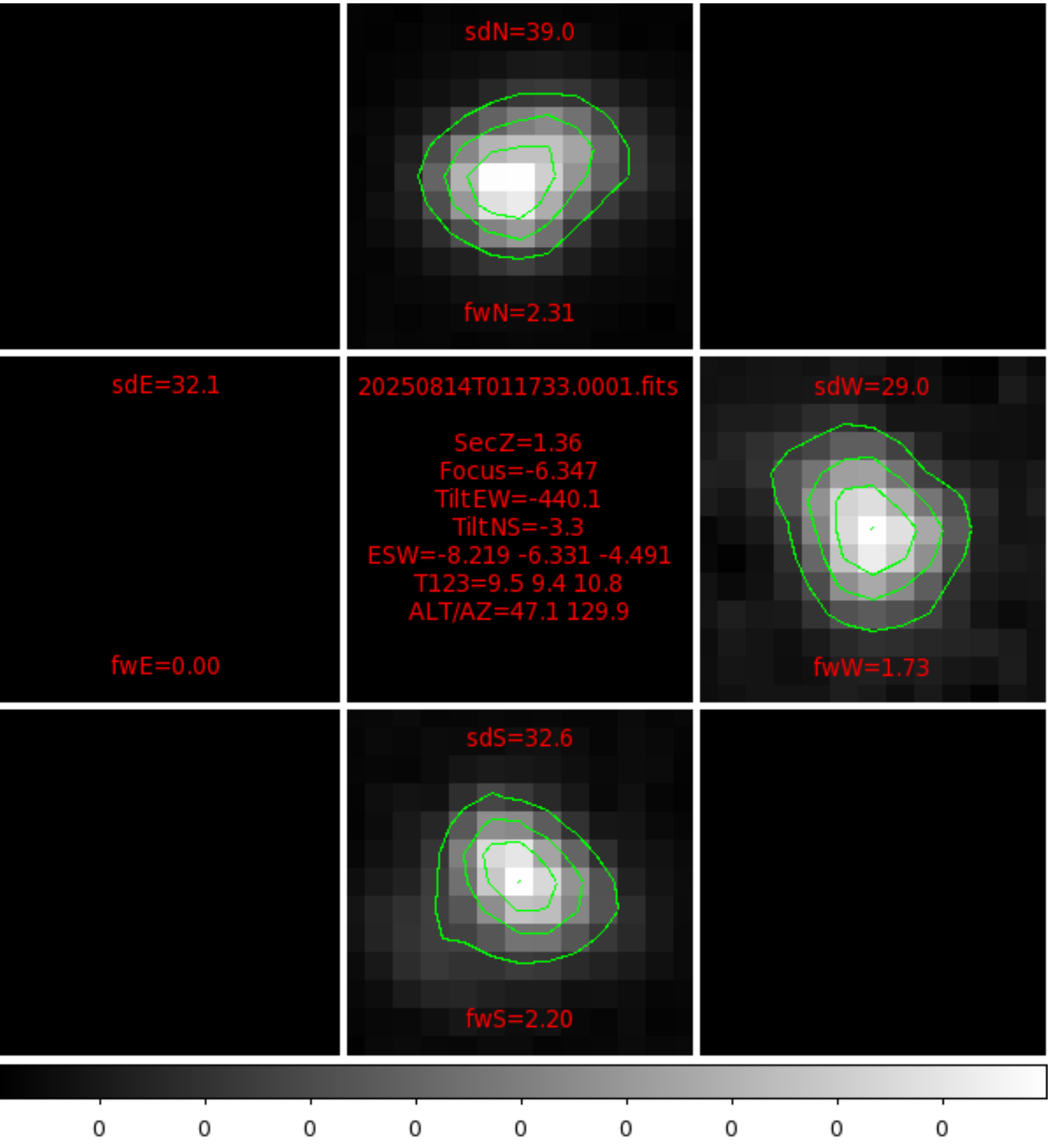
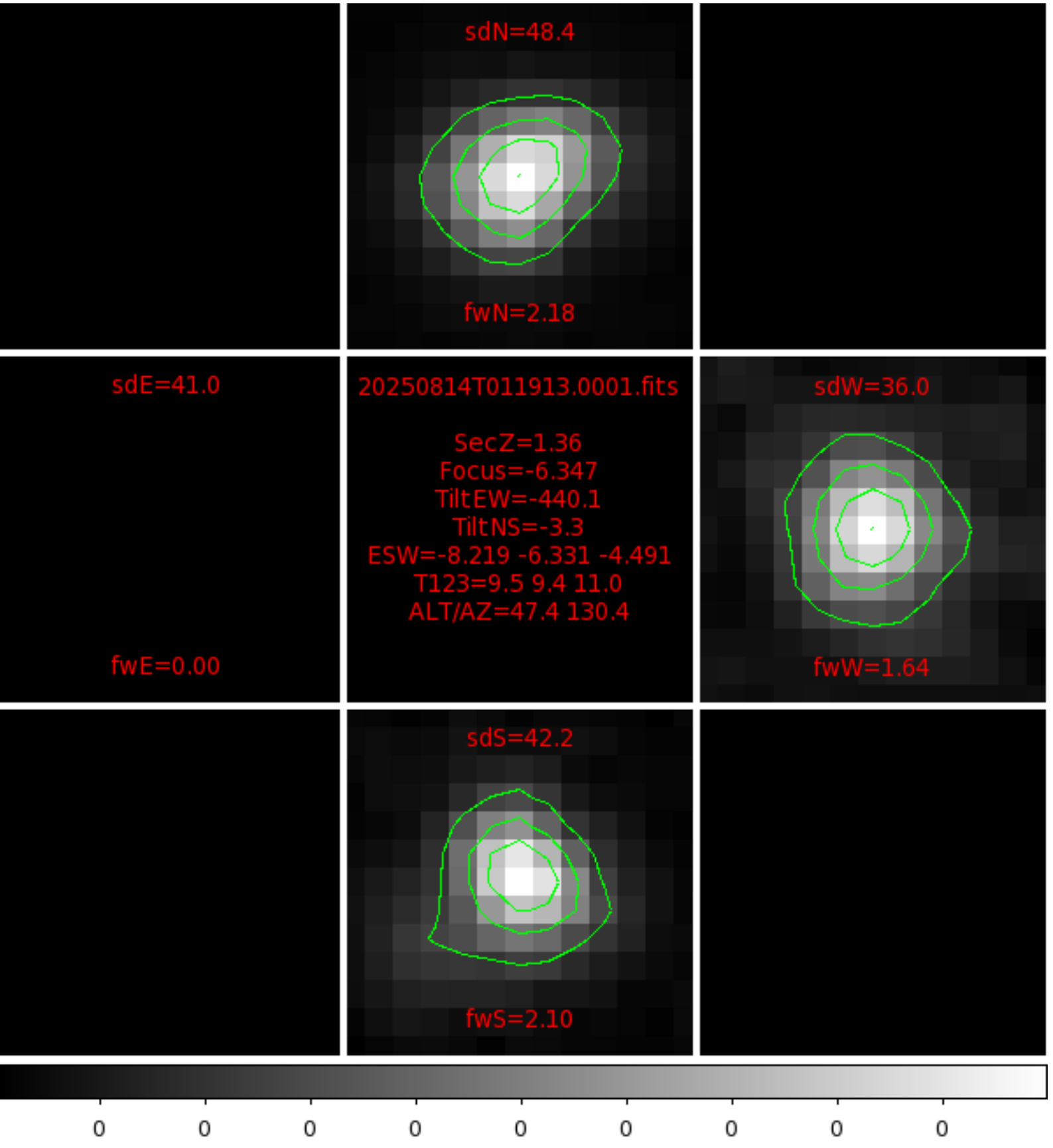
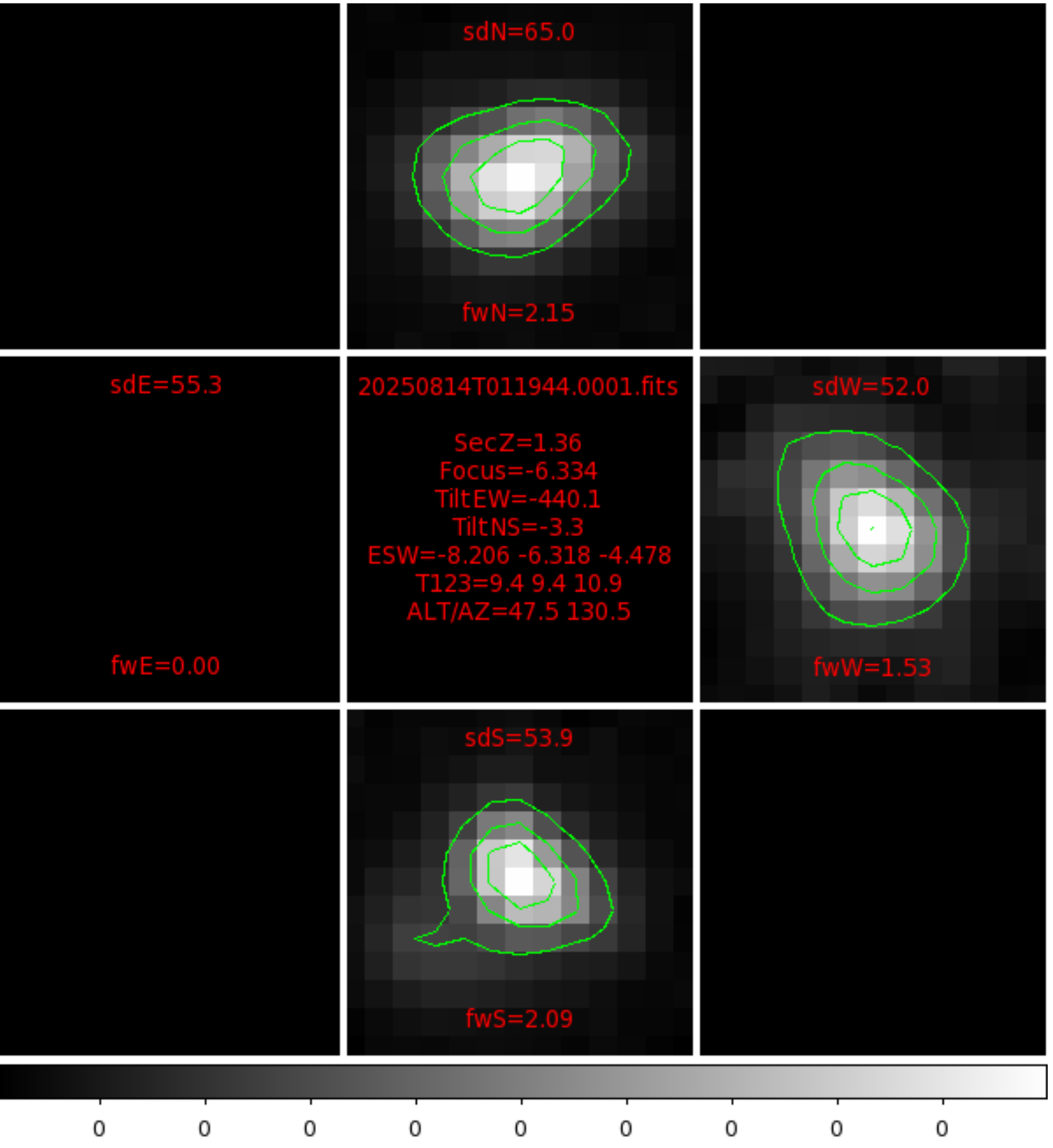

sdN=39.0
fwN=2.31
sdE=32.1
fwE=0.00
20250814T011733.0001.fits
SecZ=1.36
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.5 9.4 10.8
ALT/AZ=47.1 129.9
sdW=29.0
fwW=1.73
sdS=32.6
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=48.4
fwN=2.18
sdE=41.0
fwE=0.00
20250814T011913.0001.fits
SecZ=1.36
Focus=-6.347
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.219 -6.331 -4.491
T123=9.5 9.4 11.0
ALT/AZ=47.4 130.4
sdW=36.0
fwW=1.64
sdS=42.2
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=65.0
fwN=2.15
sdE=55.3
fwE=0.00
20250814T011944.0001.fits
SecZ=1.36
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.4 9.4 10.9
ALT/AZ=47.5 130.5
sdW=52.0
fwW=1.53
sdS=53.9
fwS=2.09
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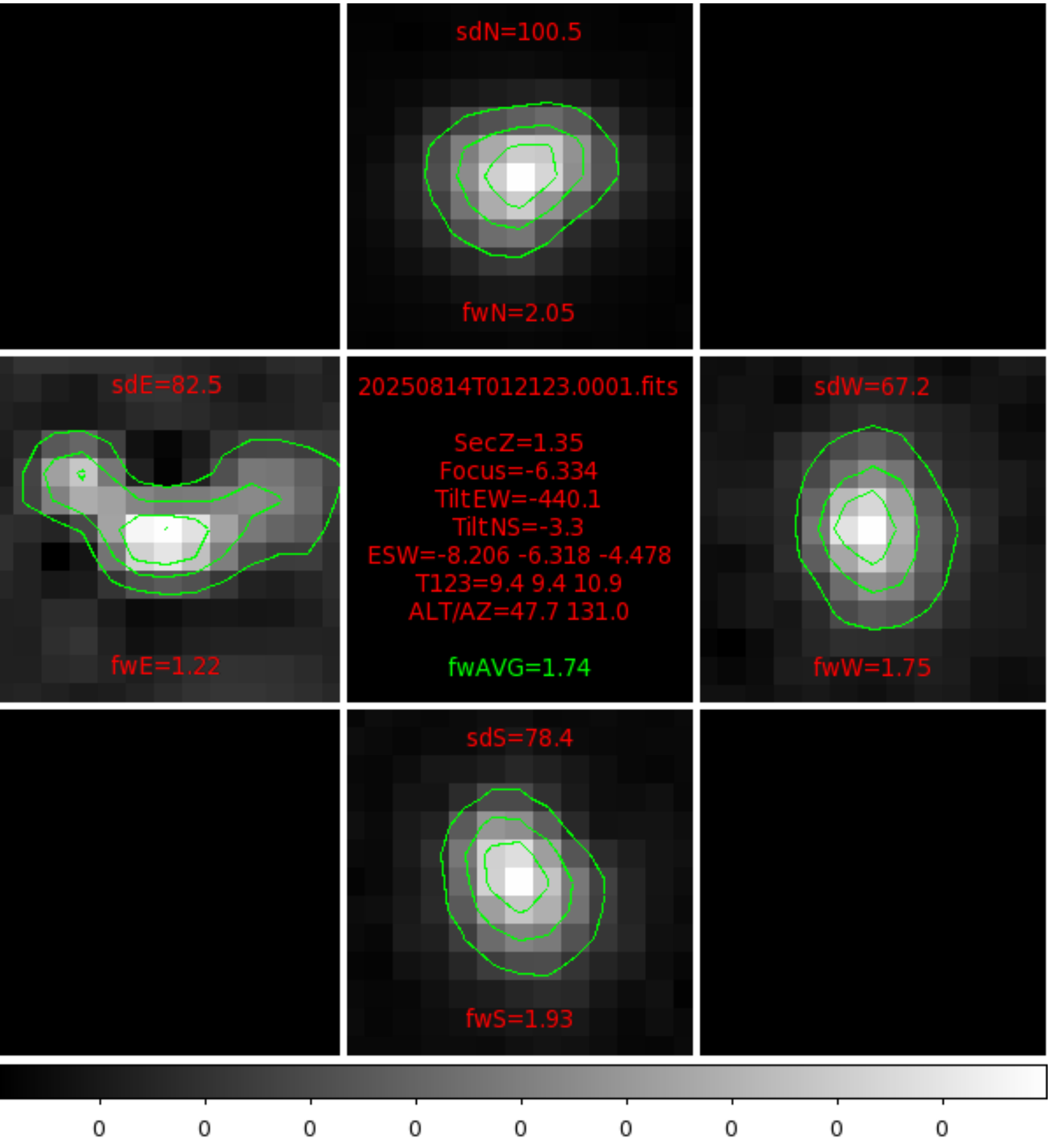
sdN=100.5
fwN=2.05
sdE=82.5
fwE=1.22
20250814T012123.0001.fits
SecZ=1.35
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.4 9.4 10.9
ALT/AZ=47.7 131.0
fwAVG=1.74
sdW=67.2
fwW=1.75
sdS=78.4
fwS=1.93
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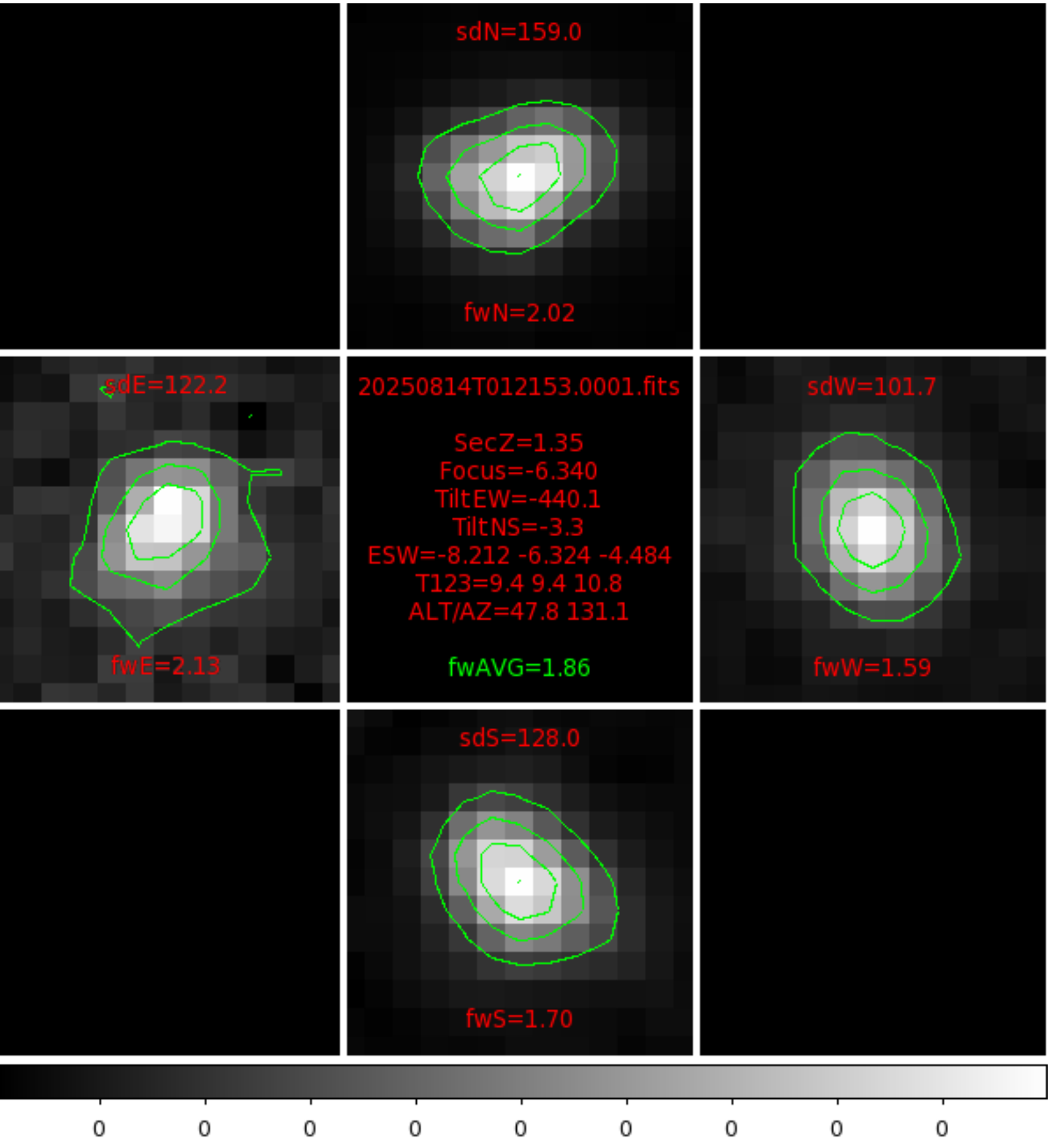
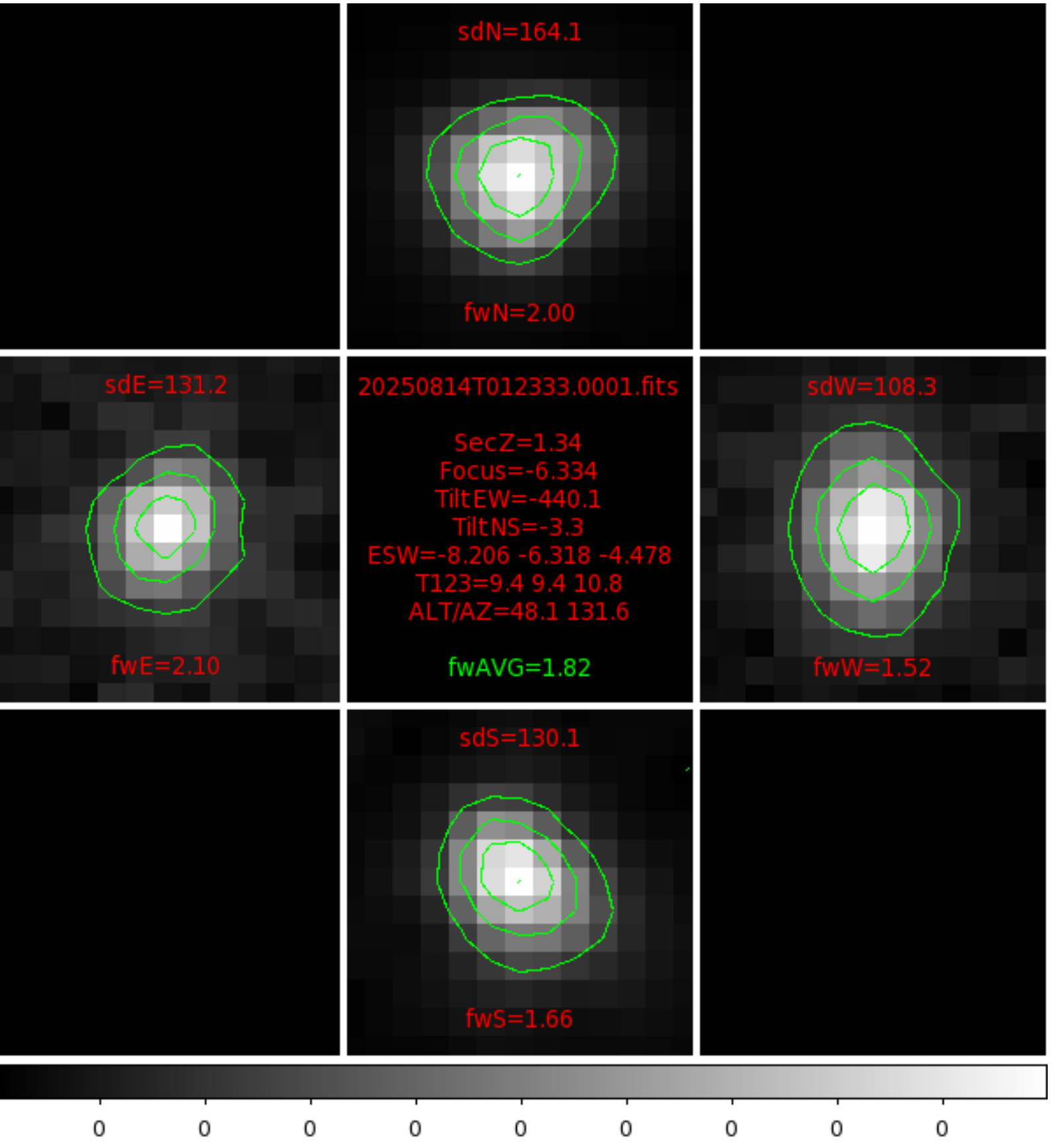

sdN=159.0
fwN=2.02
sdE=122.2
fwE=2.13
20250814T012153.0001.fits
SecZ=1.35
Focus=-6.340
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.212 -6.324 -4.484
T123=9.4 9.4 10.8
ALT/AZ=47.8 131.1
fwAVG=1.86
sdW=101.7
fwW=1.59
sdS=128.0
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=164.1
fwN=2.00
sdE=131.2
fwE=2.10
20250814T012333.0001.fits
SecZ=1.34
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.4 9.4 10.8
ALT/AZ=48.1 131.6
fwAVG=1.82
sdW=108.3
fwW=1.52
sdS=130.1
fwS=1.66
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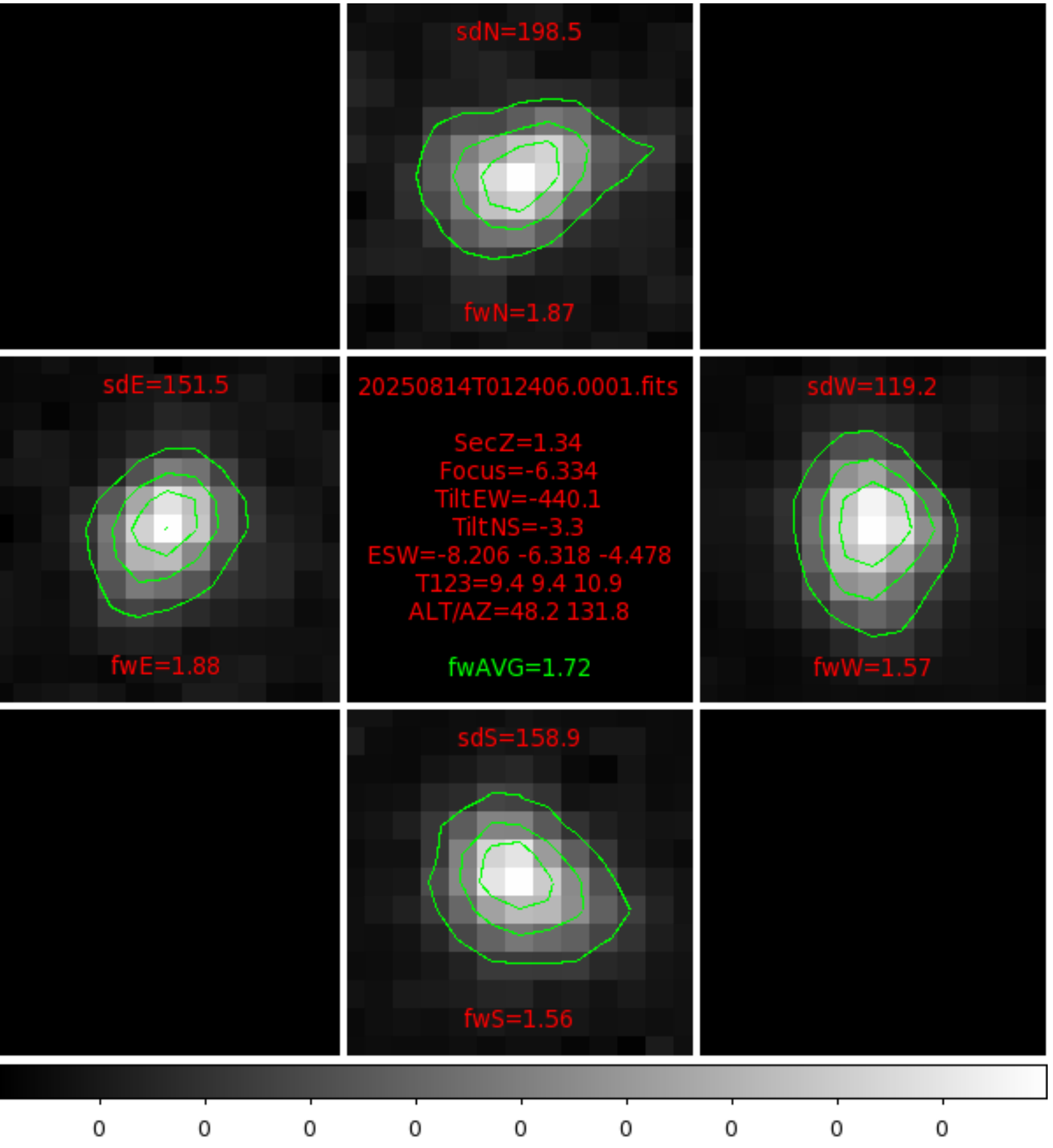
sdN=198.5
fwN=1.87
sdE=151.5
fwE=1.88
20250814T012406.0001.fits
SecZ=1.34
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.4 9.4 10.9
ALT/AZ=48.2 131.8
fwAVG=1.72
sdW=119.2
fwW=1.57
sdS=158.9
fwS=1.56
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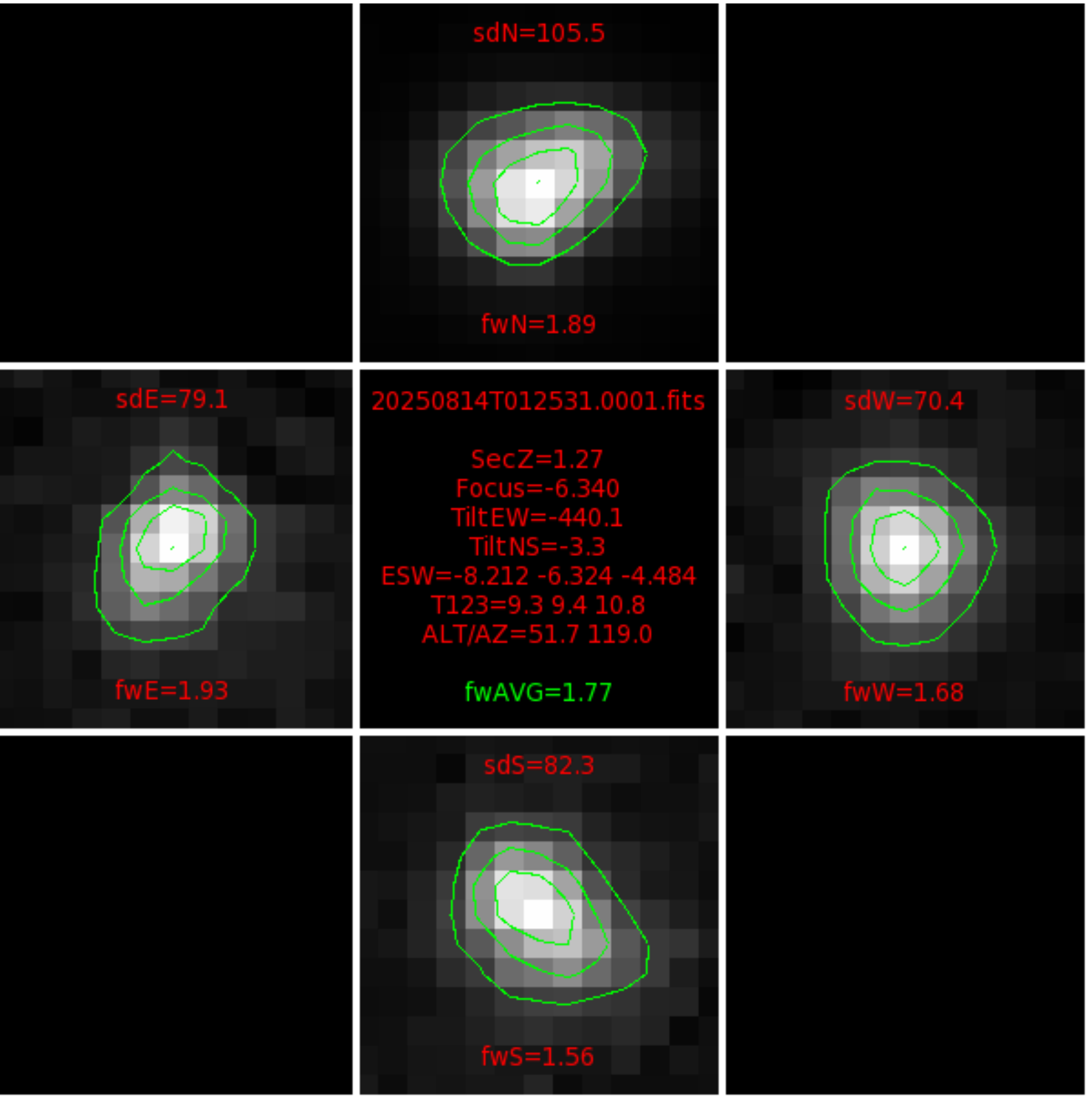
sdN=105.5
fwN=1.89
sdE=79.1
fwE=1.93
20250814T012531.0001.fits
SecZ=1.27
Focus=-6.340
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.212 -6.324 -4.484
T123=9.3 9.4 10.8
ALT/AZ=51.7 119.0
fwAVG=1.77
sdW=70.4
fwW=1.68
sdS=82.3
fwS=1.56
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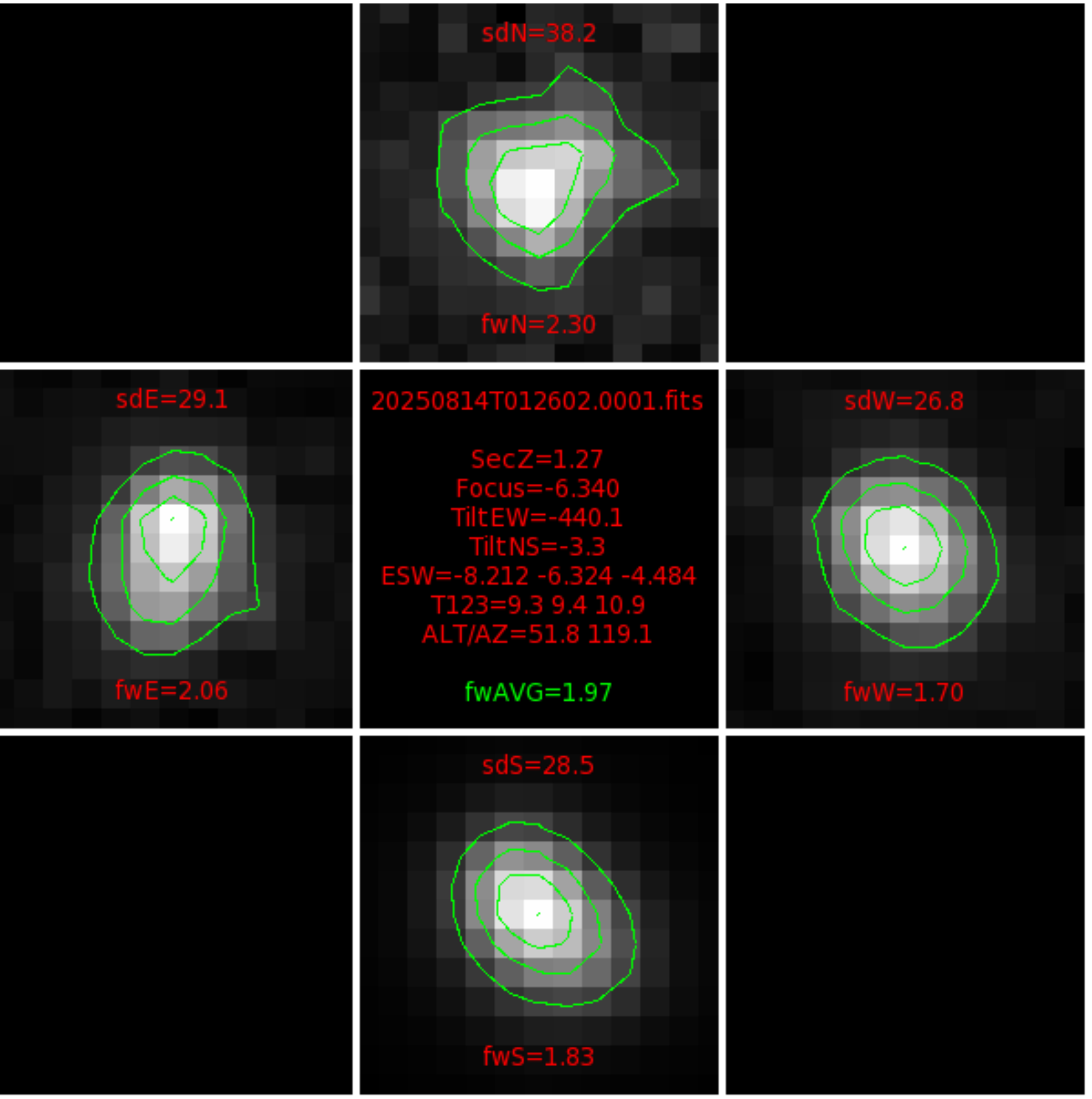
sdN=38.2
fwN=2.30
sdE=29.1
fwE=2.06
20250814T012602.0001.fits
SecZ=1.27
Focus=-6.340
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.212 -6.324 -4.484
T123=9.3 9.4 10.9
ALT/AZ=51.8 119.1
fwAVG=1.97
sdW=26.8
fwW=1.70
sdS=28.5
fwS=1.83
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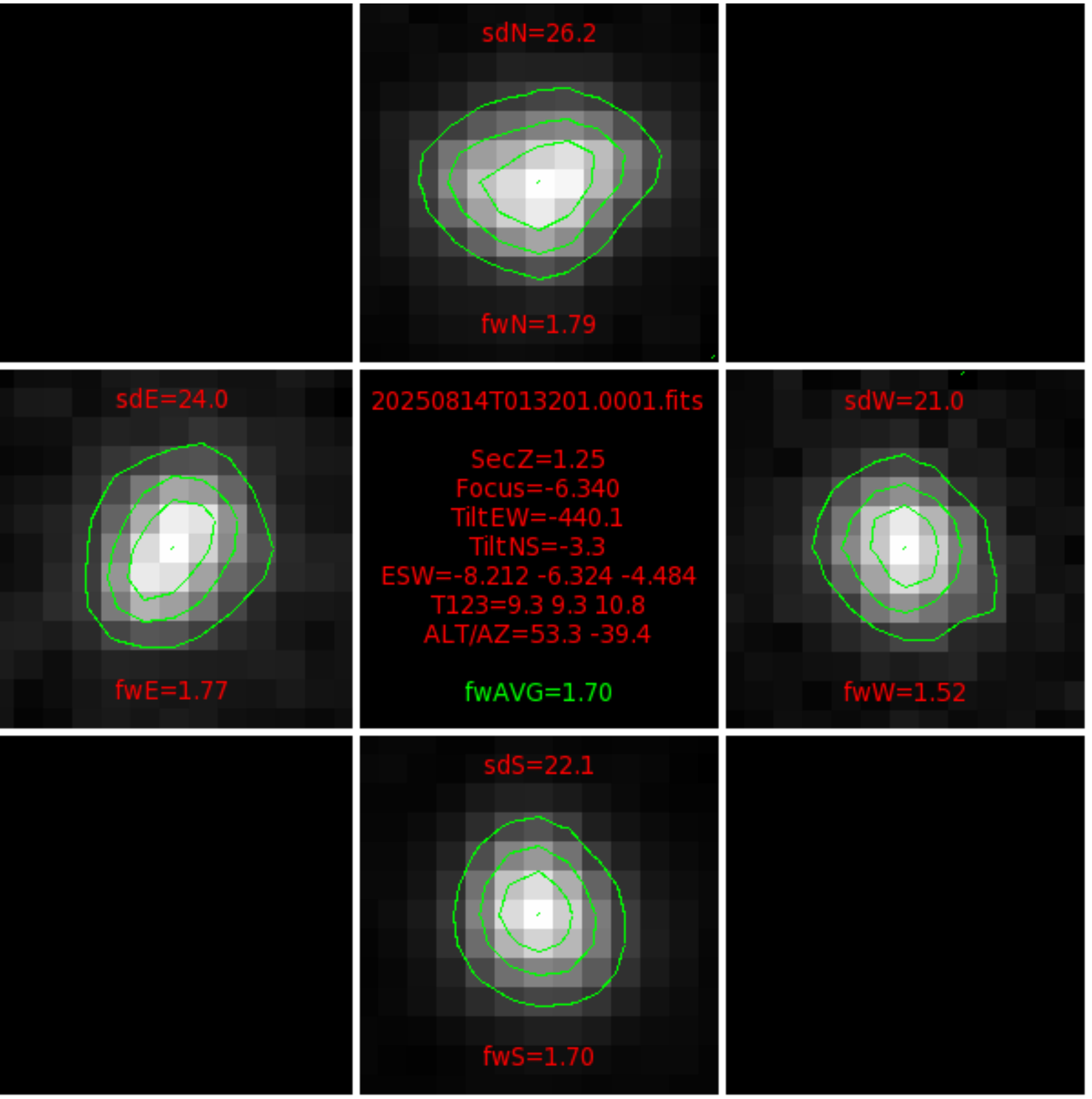
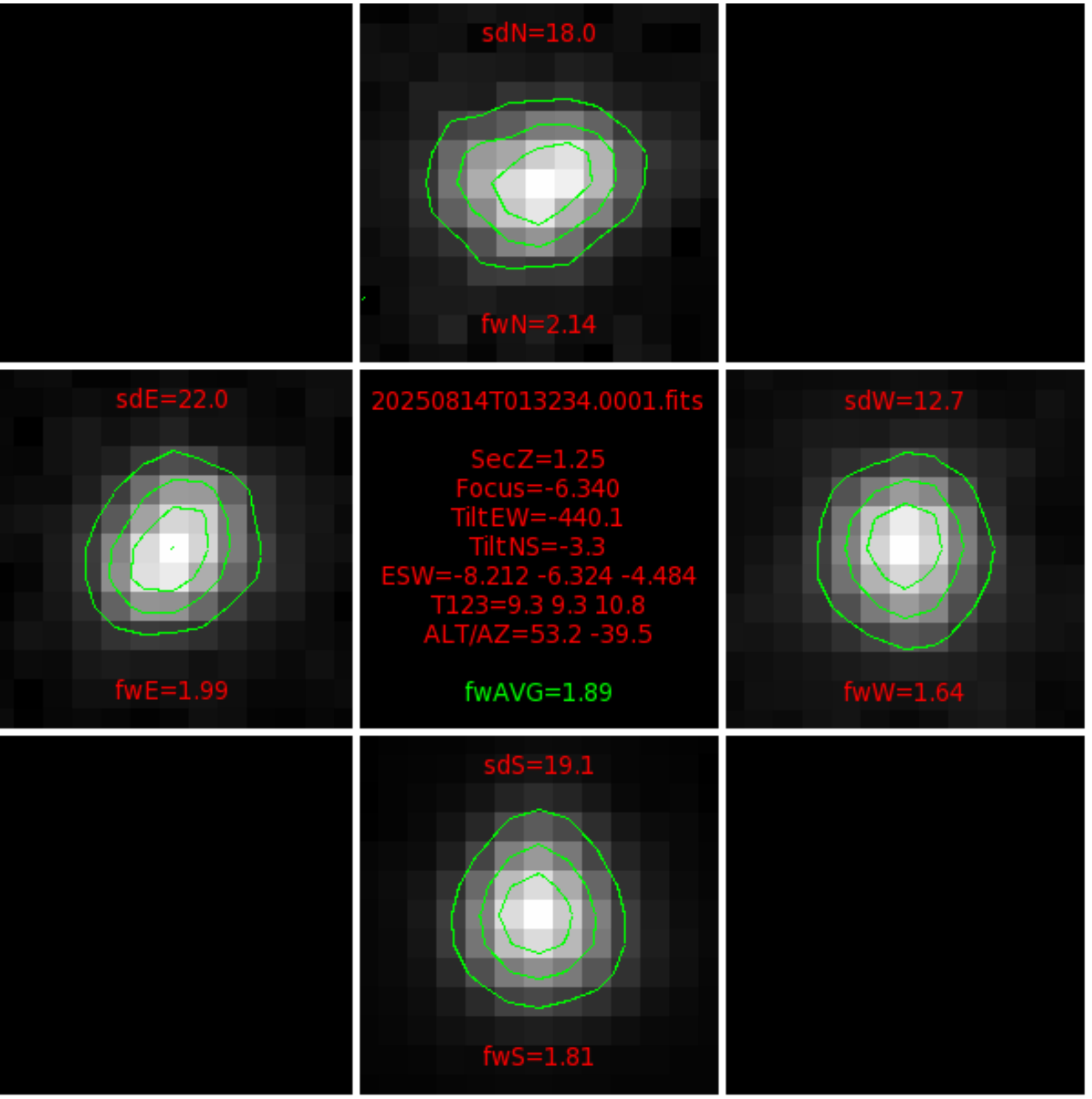

sdN=26.2
fwN=1.79
sdE=24.0
fwE=1.77
20250814T013201.0001.fits
SecZ=1.25
Focus=-6.340
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.212 -6.324 -4.484
T123=9.3 9.3 10.8
ALT/AZ=53.3 -39.4
fwAVG=1.70
sdW=21.0
fwW=1.52
sdS=22.1
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=18.0
fwN=2.14
sdE=22.0
fwE=1.99
20250814T013234.0001.fits
SecZ=1.25
Focus=-6.340
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.212 -6.324 -4.484
T123=9.3 9.3 10.8
ALT/AZ=53.2 -39.5
fwAVG=1.89
sdW=12.7
fwW=1.64
sdS=19.1
fwS=1.81
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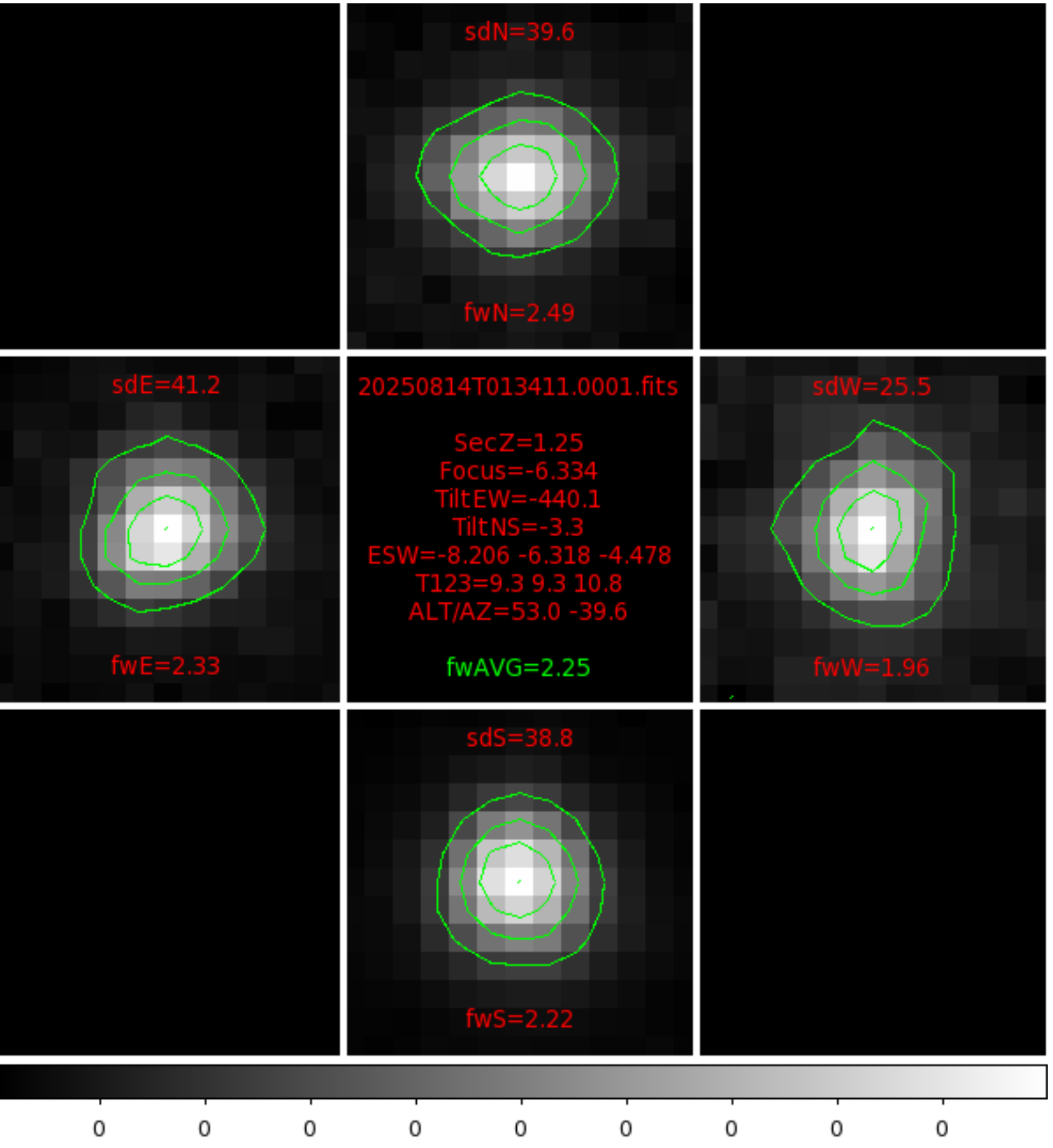
sdN=39.6
fwN=2.49
sdE=41.2
fwE=2.33
20250814T013411.0001.fits
SecZ=1.25
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.3 9.3 10.8
ALT/AZ=53.0 -39.6
fwAVG=2.25
sdW=25.5
fwW=1.96
sdS=38.8
fwS=2.22
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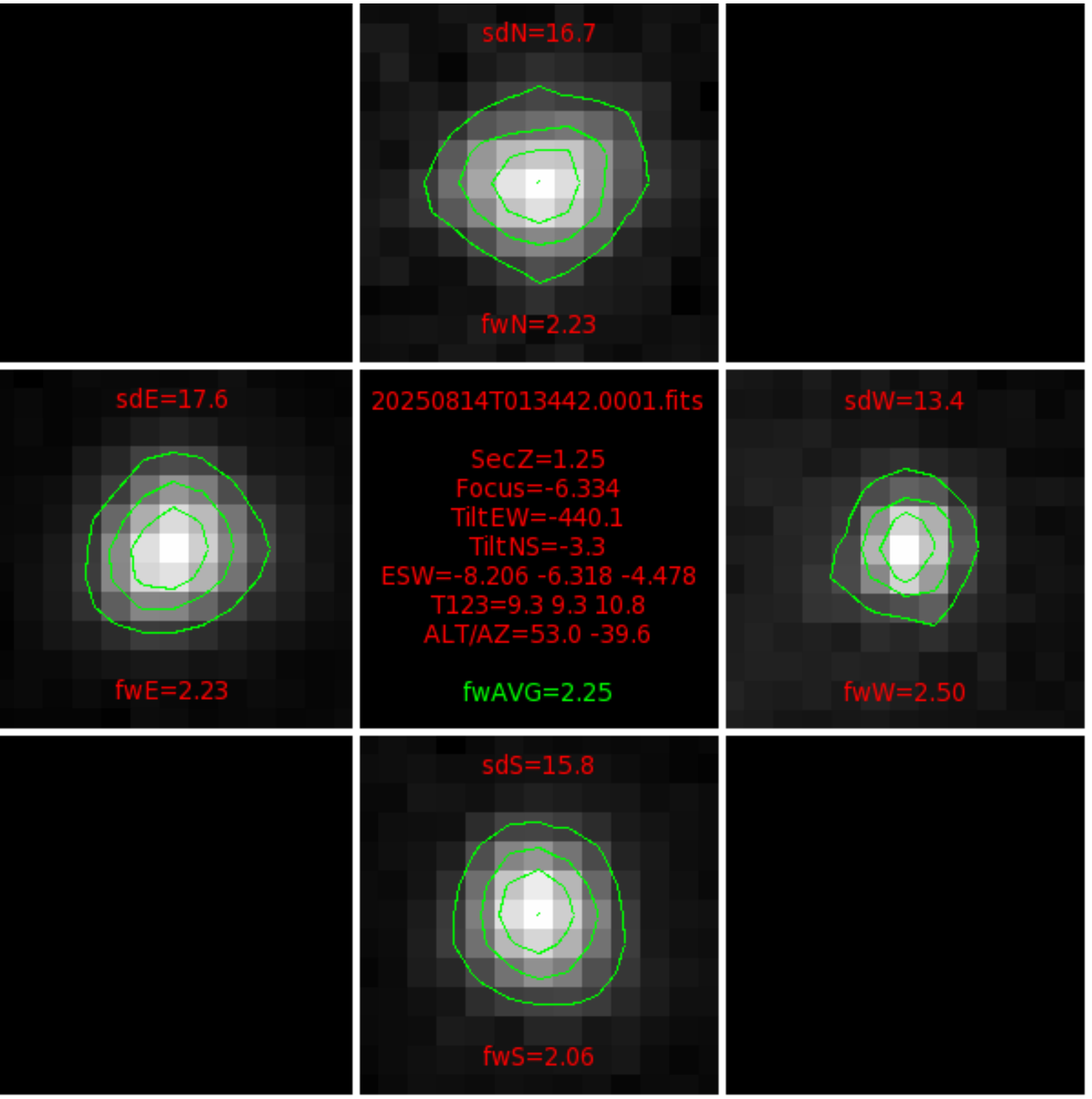
sdN=16.7
fwN=2.23
sdE=17.6
fwE=2.23
20250814T013442.0001.fits
SecZ=1.25
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.3 9.3 10.8
ALT/AZ=53.0 -39.6
fwAVG=2.25
sdW=13.4
fwW=2.50
sdS=15.8
fwS=2.06
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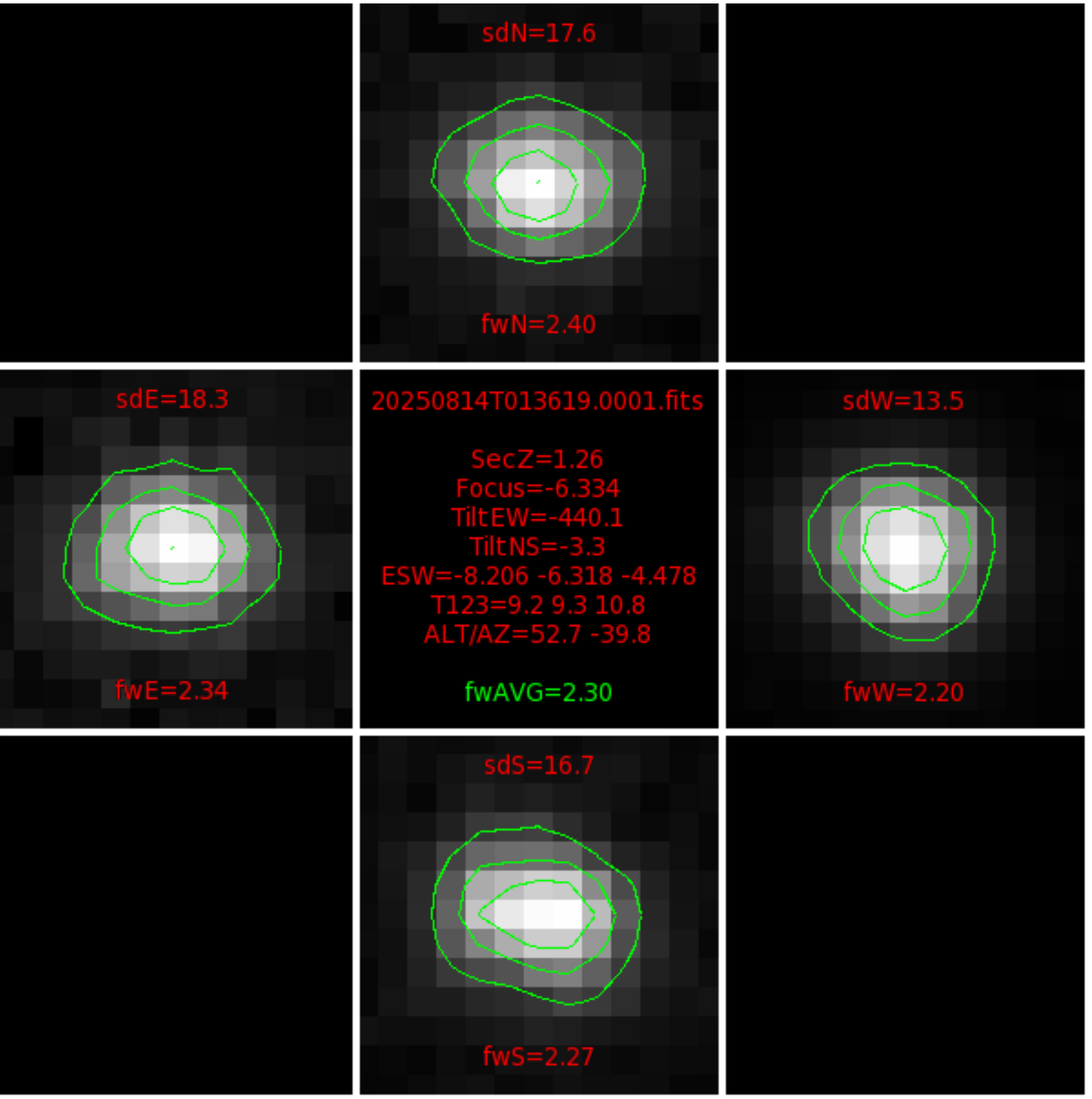
sdN=17.6
fwN=2.40
sdE=18.3
fwE=2.34
20250814T013619.0001.fits
SecZ=1.26
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.2 9.3 10.8
ALT/AZ=52.7 -39.8
fwAVG=2.30
sdW=13.5
fwW=2.20
sdS=16.7
fwS=2.27
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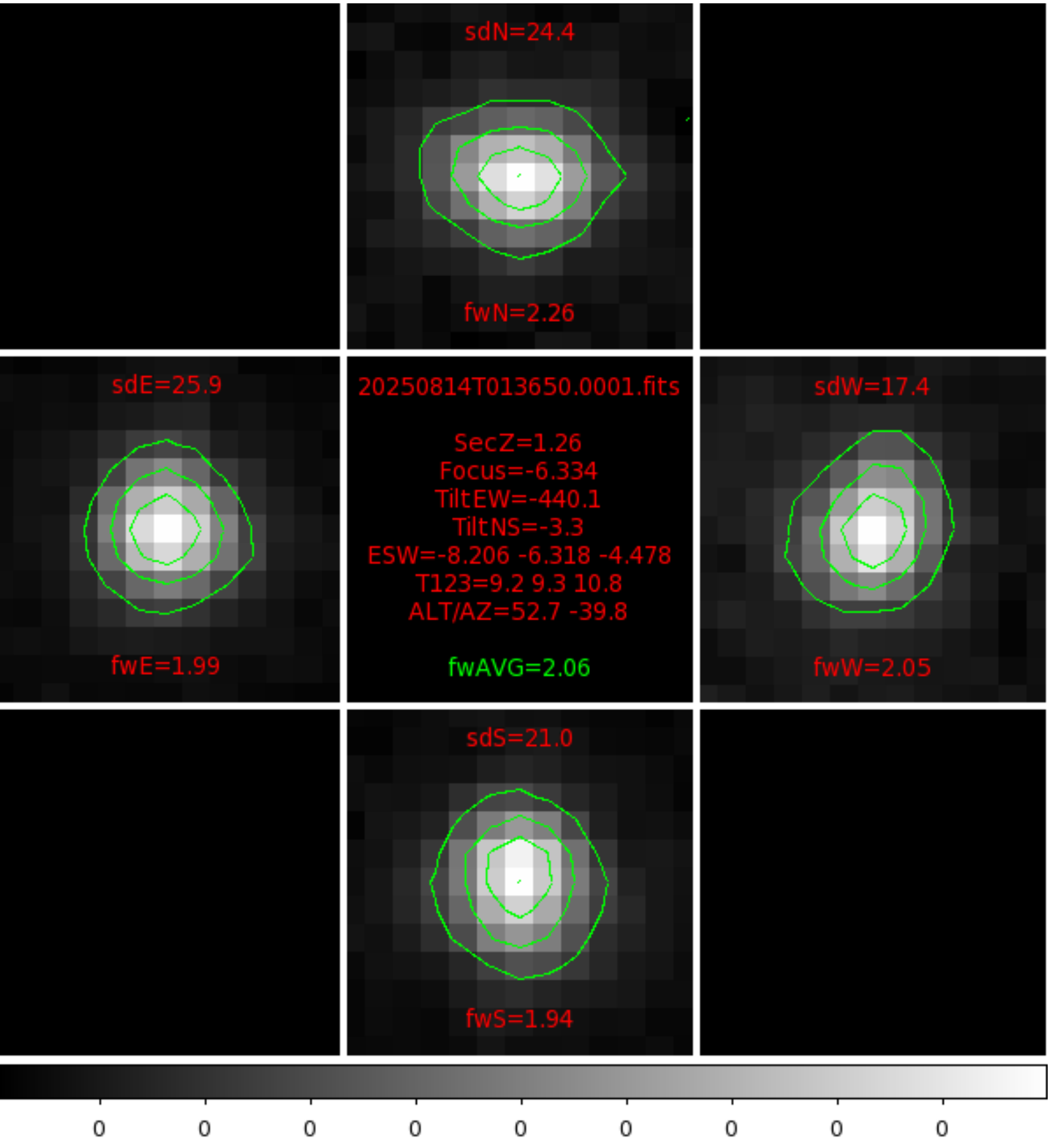
sdN=24.4
fwN=2.26
sdE=25.9
fwE=1.99
20250814T013650.0001.fits
SecZ=1.26
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.2 9.3 10.8
ALT/AZ=52.7 -39.8
fwAVG=2.06
sdW=17.4
fwW=2.05
sdS=21.0
fwS=1.94
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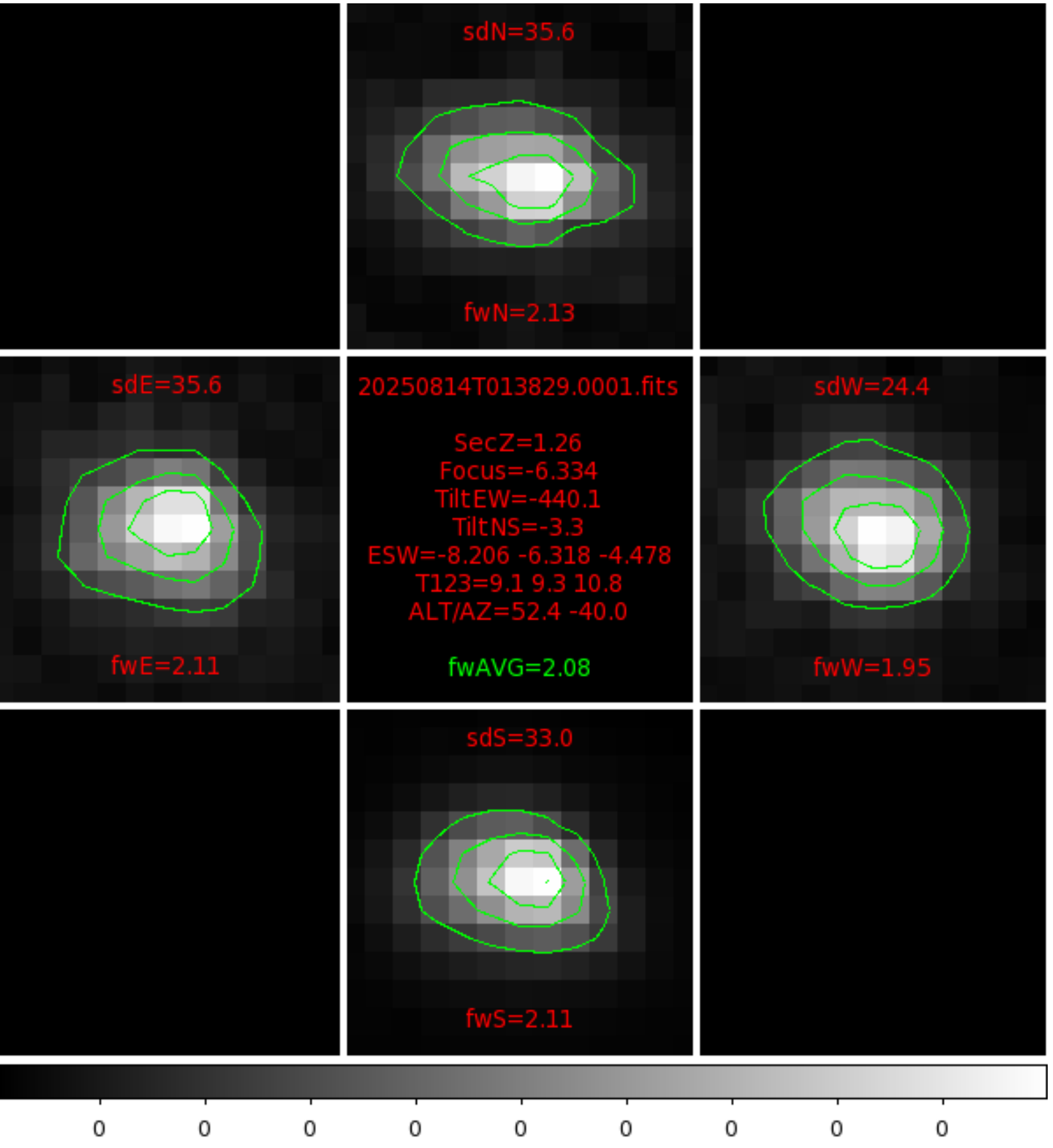
sdN=35.6
fwN=2.13
sdE=35.6
fwE=2.11
20250814T013829.0001.fits
SecZ=1.26
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.1 9.3 10.8
ALT/AZ=52.4 -40.0
fwAVG=2.08
sdW=24.4
fwW=1.95
sdS=33.0
fwS=2.11
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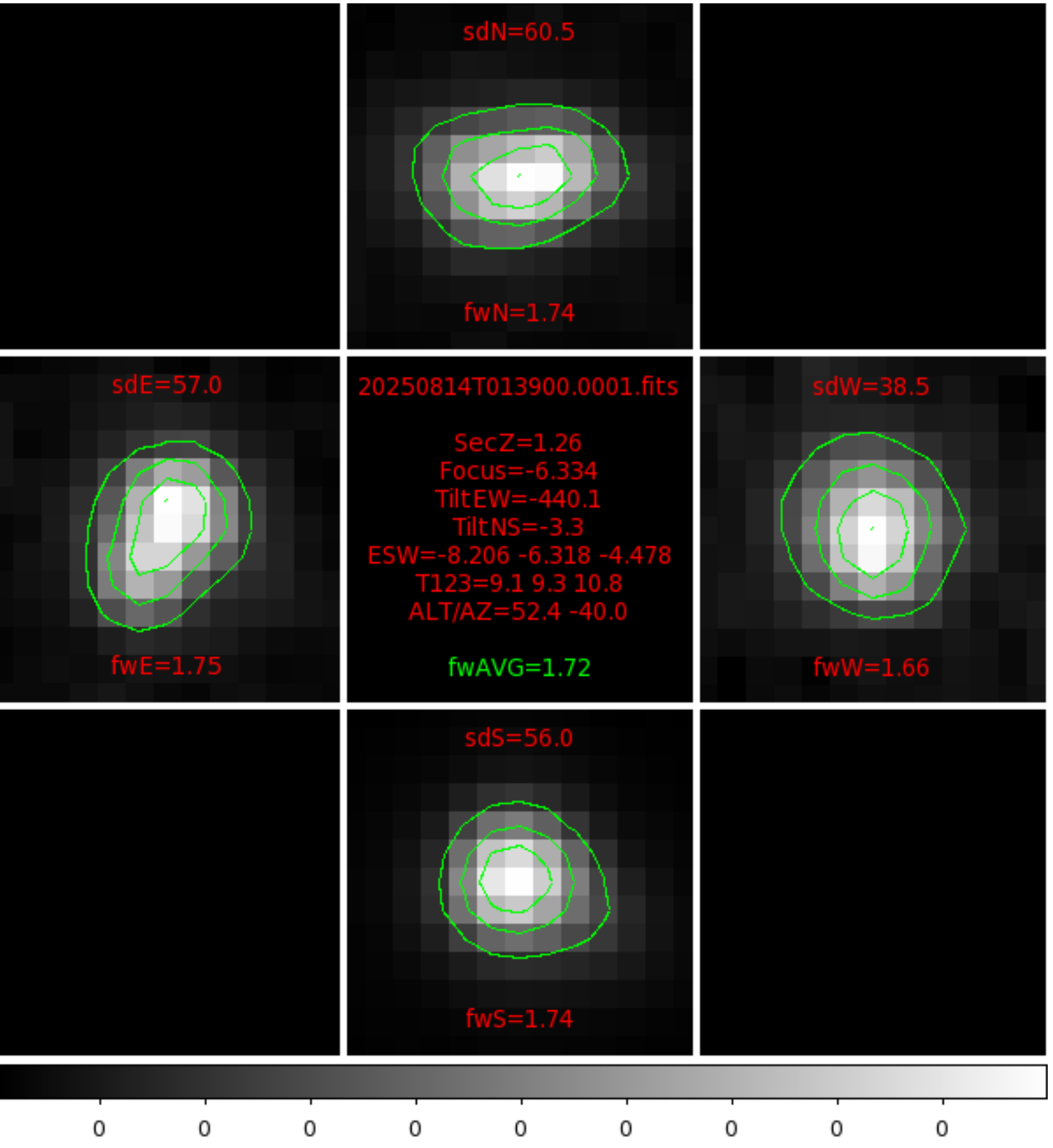
sdN=60.5
fwN=1.74
sdE=57.0
fwE=1.75
20250814T013900.0001.fits
SecZ=1.26
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.1 9.3 10.8
ALT/AZ=52.4 -40.0
fwAVG=1.72
sdW=38.5
fwW=1.66
sdS=56.0
fwS=1.74
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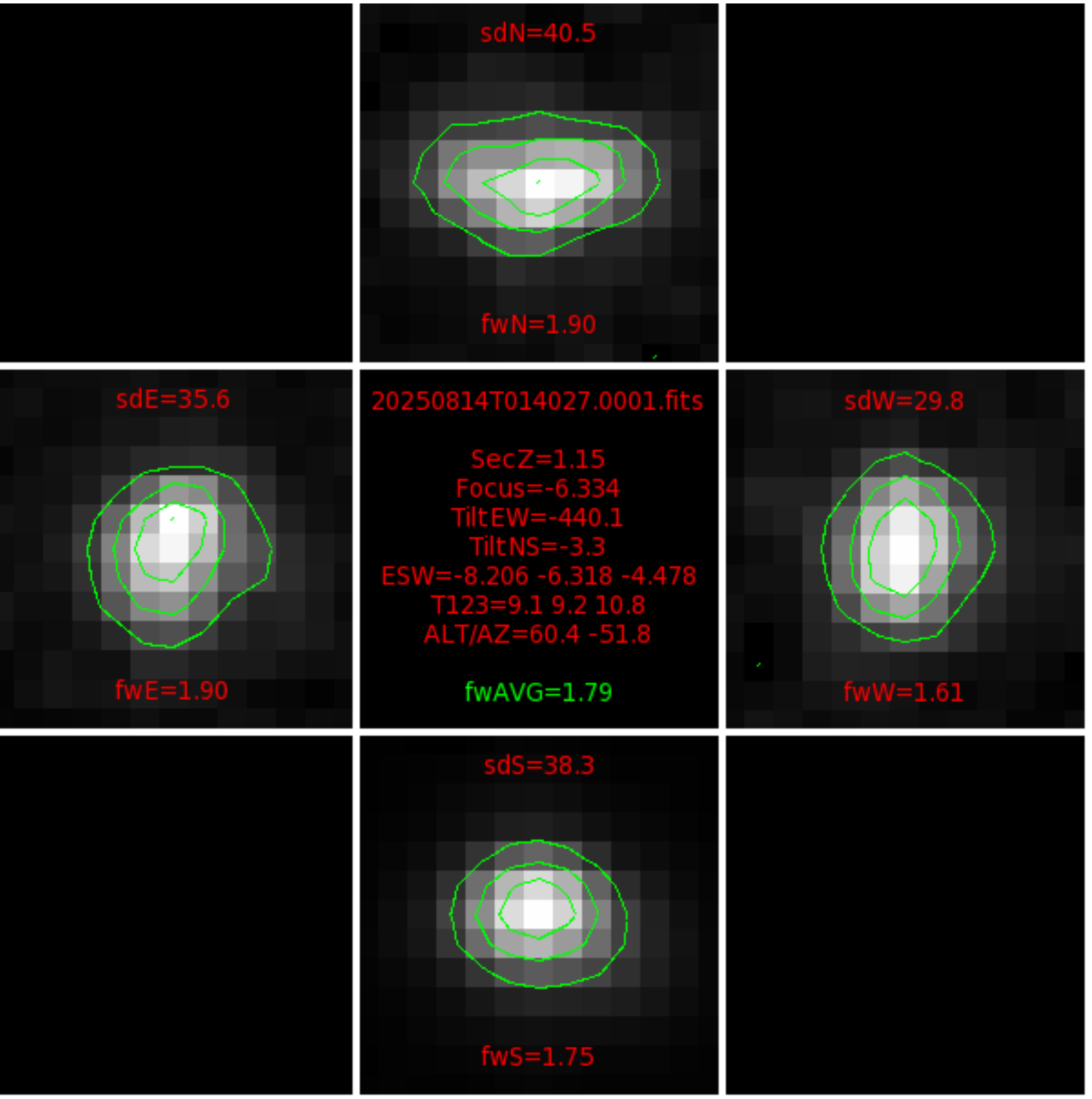
sdN=40.5
fwN=1.90
sdE=35.6
fwE=1.90
20250814T014027.0001.fits
SecZ=1.15
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.1 9.2 10.8
ALT/AZ=60.4 -51.8
fwAVG=1.79
sdW=29.8
fwW=1.61
sdS=38.3
fwS=1.75
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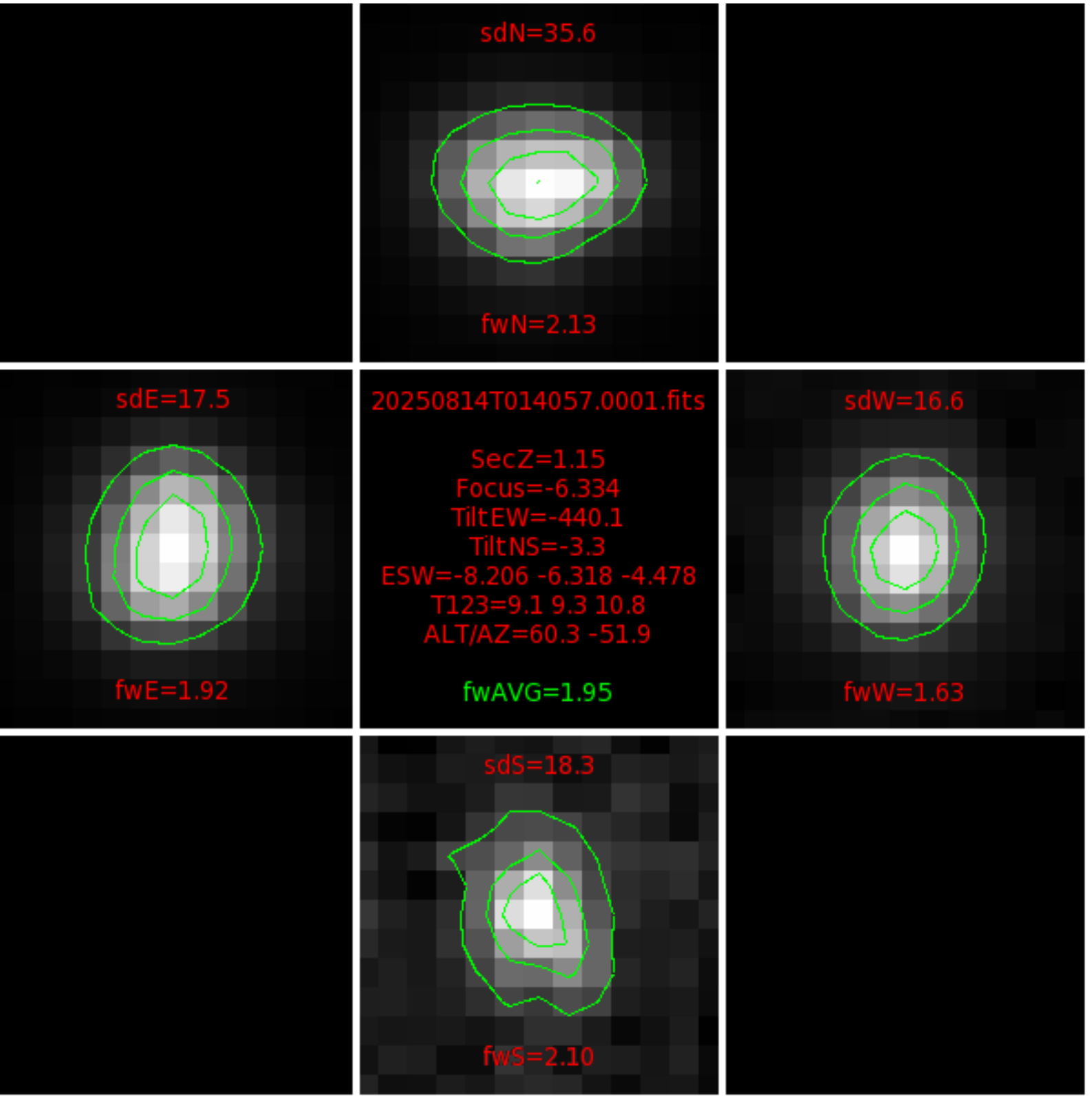
sdN=35.6
fwN=2.13
sdE=17.5
fwE=1.92
20250814T014057.0001.fits
SecZ=1.15
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.1 9.3 10.8
ALT/AZ=60.3 -51.9
fwAVG=1.95
sdW=16.6
fwW=1.63
sdS=18.3
fwS=2.10
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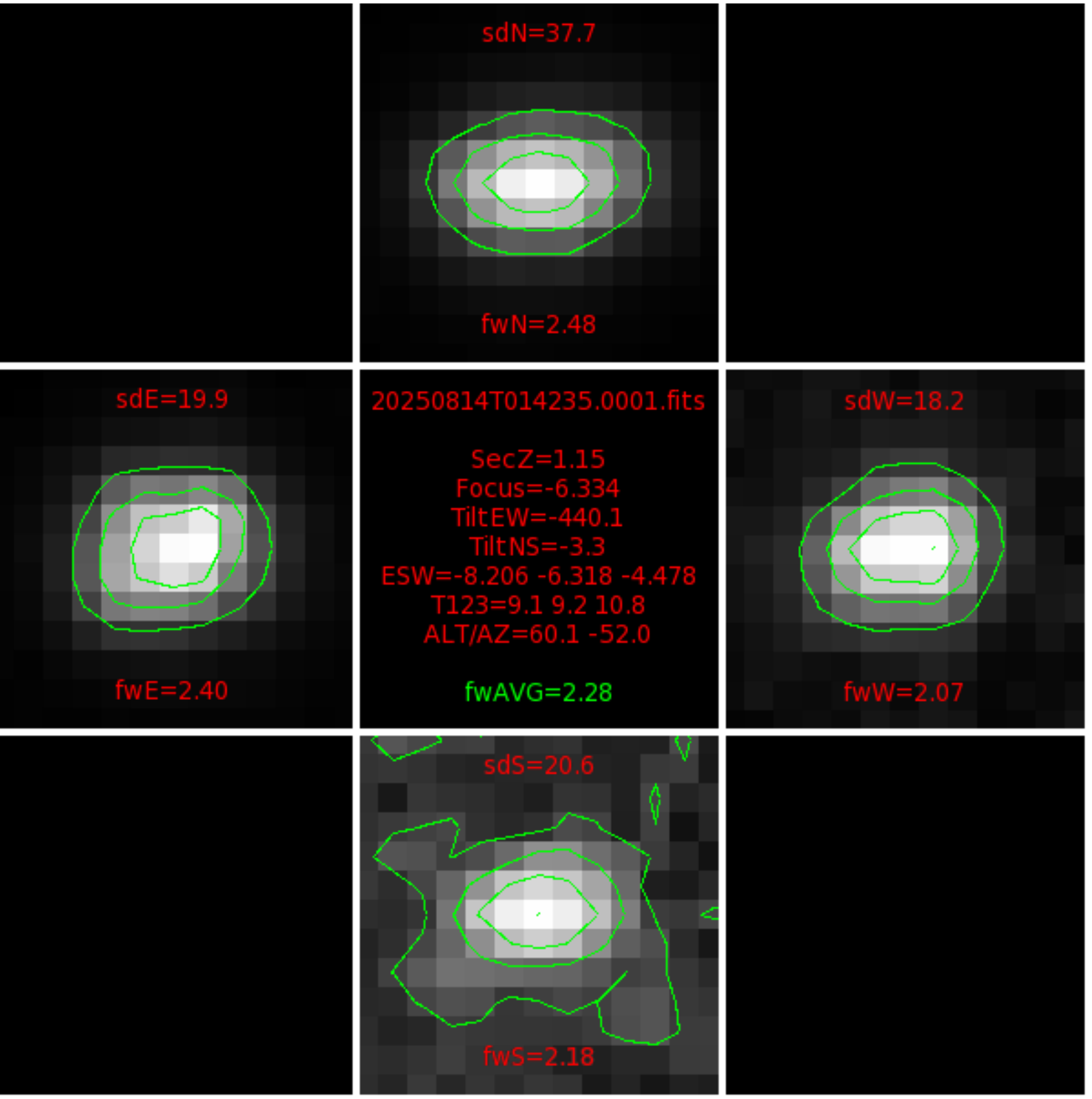
sdN=37.7
fwN=2.48
sdE=19.9
fwE=2.40
20250814T014235.0001.fits
SecZ=1.15
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.1 9.2 10.8
ALT/AZ=60.1 -52.0
fwAVG=2.28
sdW=18.2
fwW=2.07
sdS=20.6
fwS=2.18
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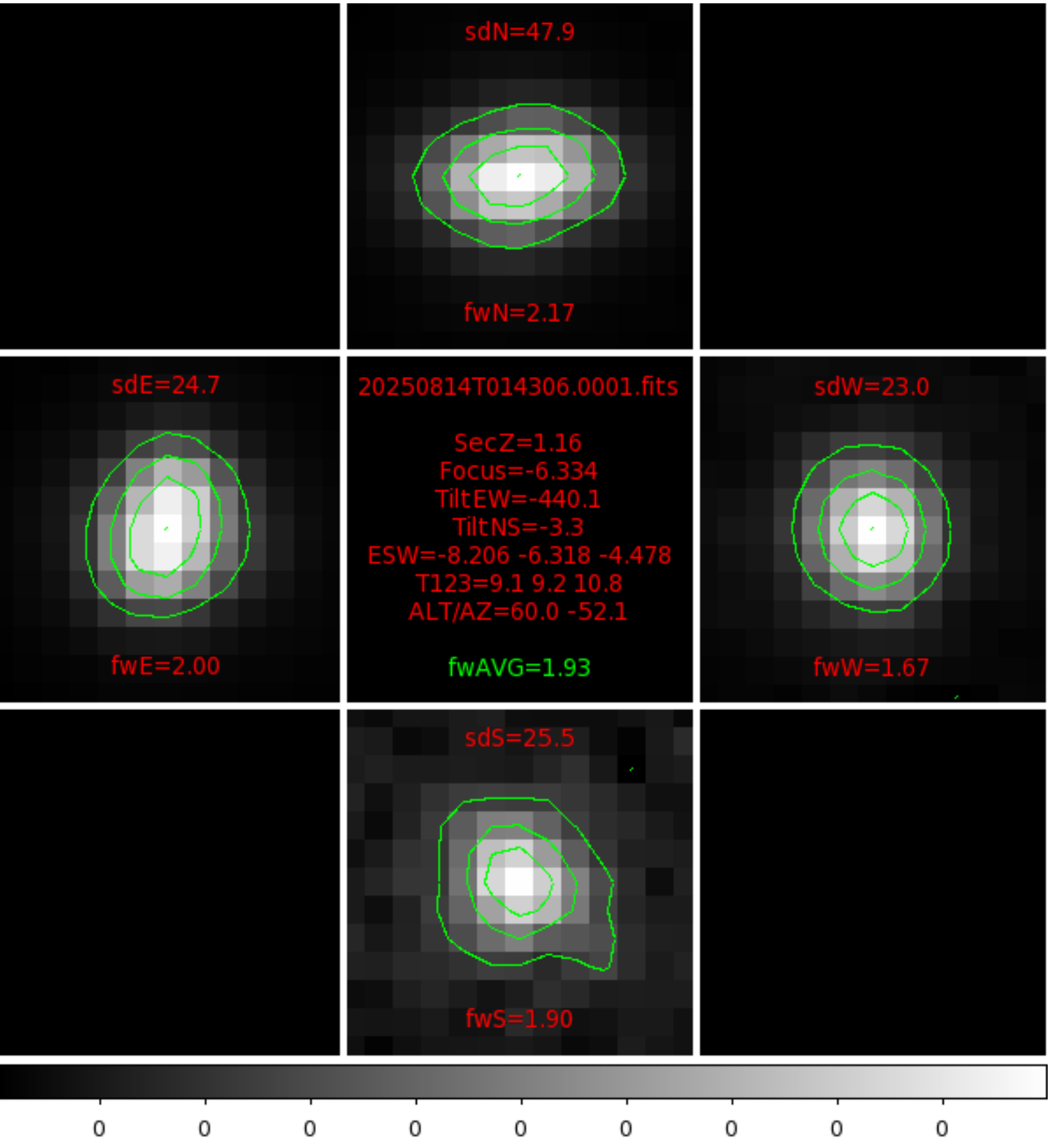
sdN=47.9
fwN=2.17
sdE=24.7
fwE=2.00
20250814T014306.0001.fits
SecZ=1.16
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.1 9.2 10.8
ALT/AZ=60.0 -52.1
fwAVG=1.93
sdW=23.0
fwW=1.67
sdS=25.5
fwS=1.90
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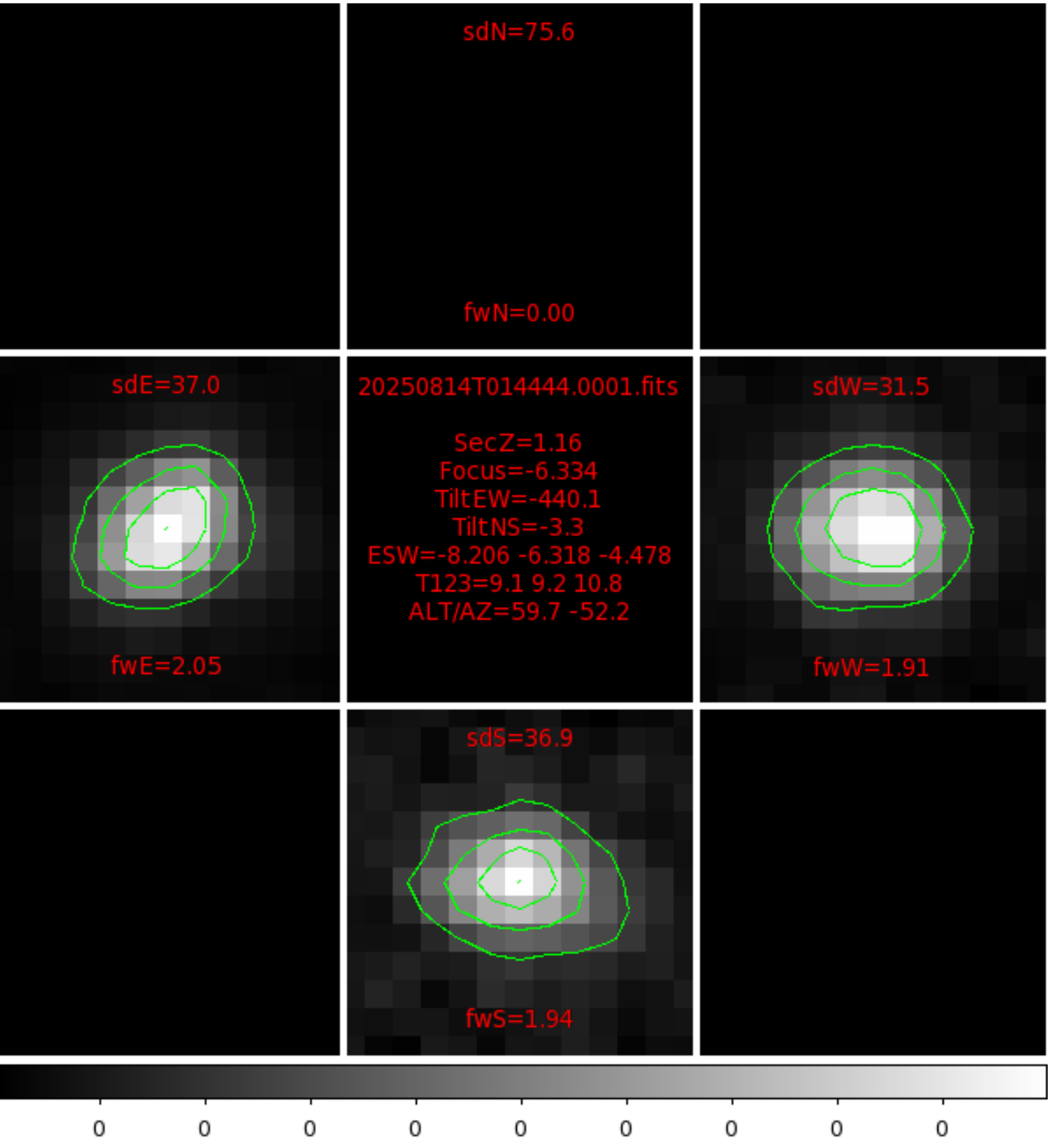
sdN=75.6
fwN=0.00
sdE=37.0
fwE=2.05
20250814T014444.0001.fits
SecZ=1.16
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.1 9.2 10.8
ALT/AZ=59.7 -52.2
sdW=31.5
fwW=1.91
sdS=36.9
fwS=1.94
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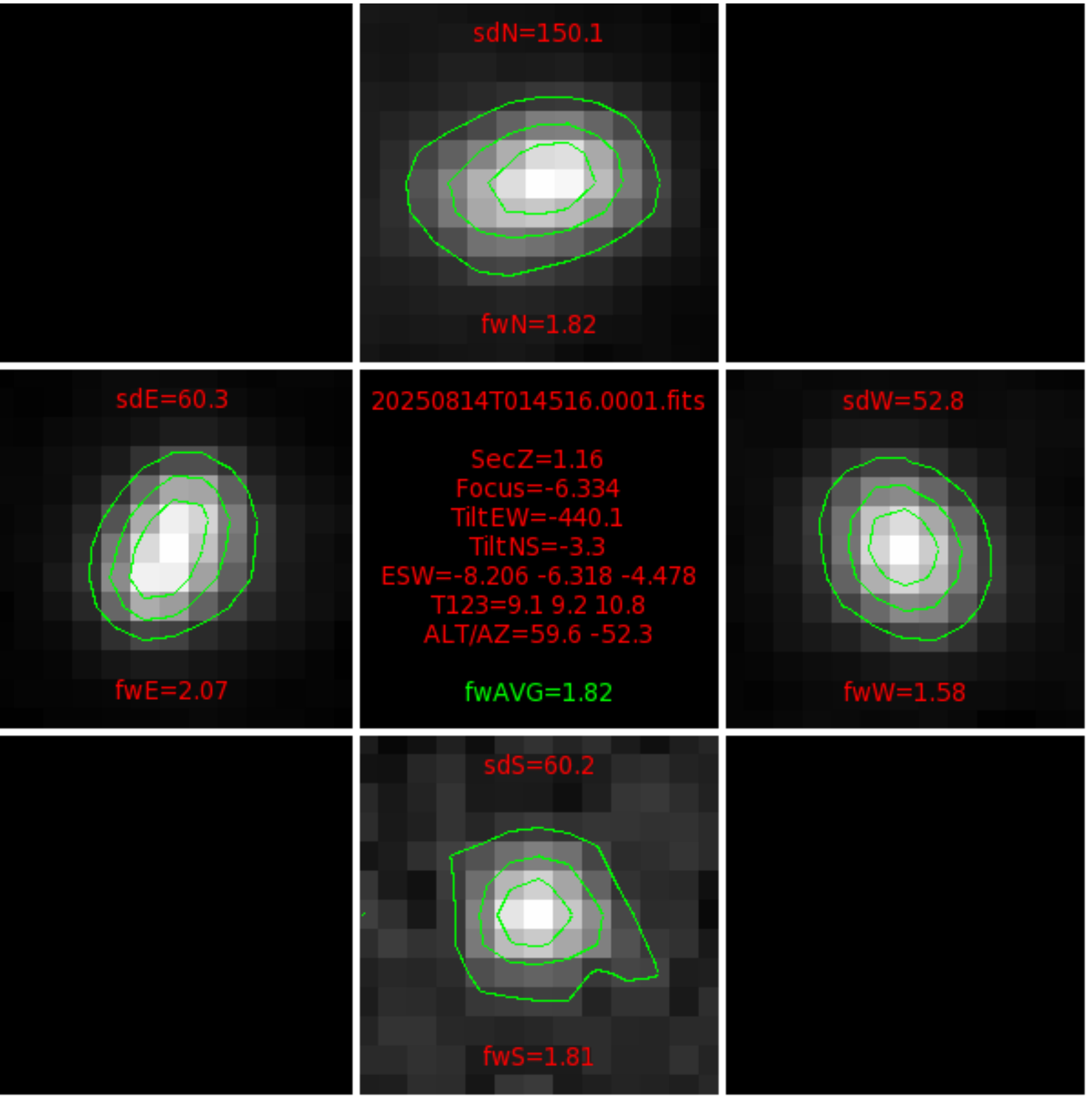
sdN=150.1
fwN=1.82
sdE=60.3
fwE=2.07
20250814T014516.0001.fits
SecZ=1.16
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.1 9.2 10.8
ALT/AZ=59.6 -52.3
fwAVG=1.82
sdW=52.8
fwW=1.58
sdS=60.2
fwS=1.81
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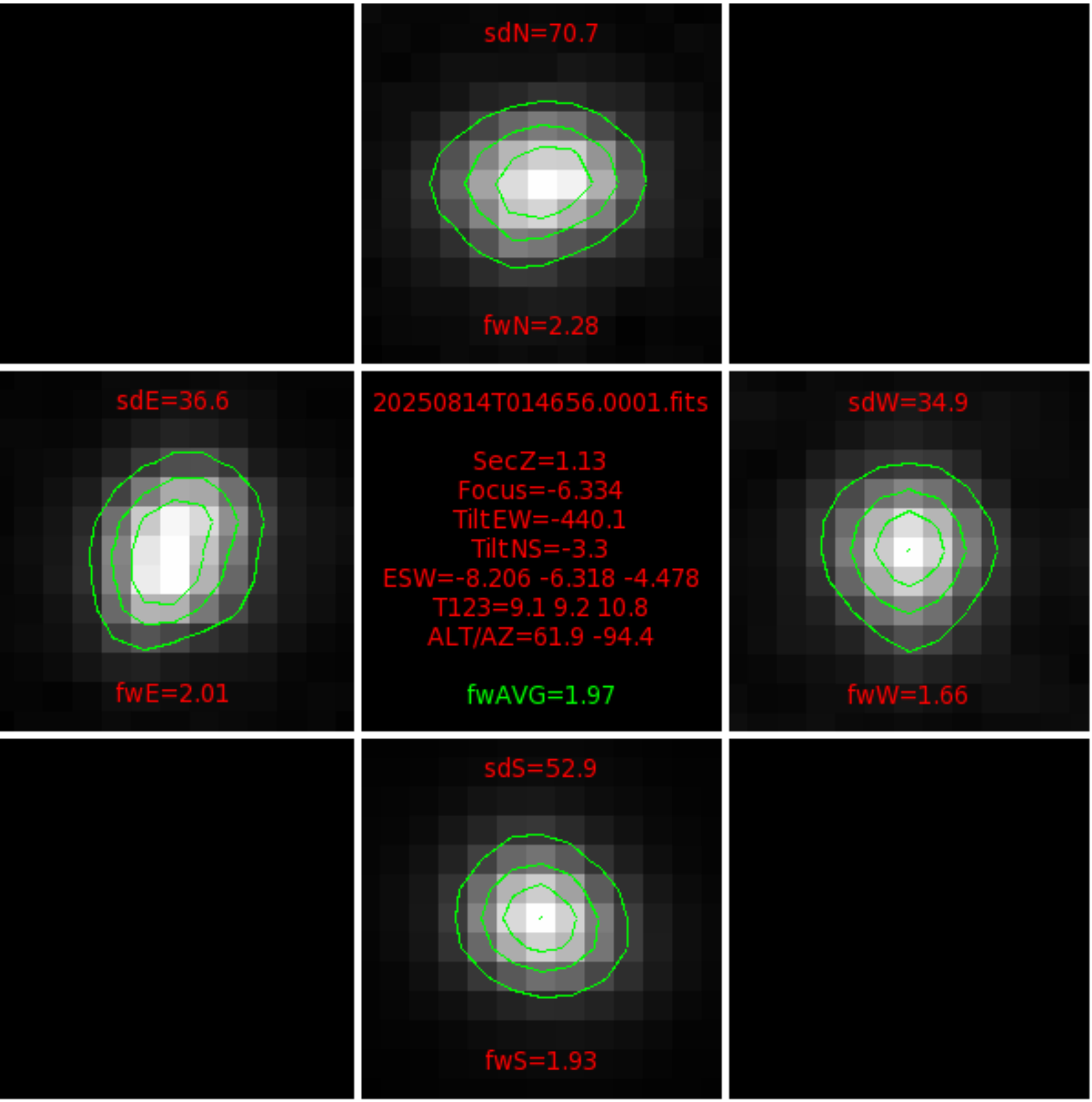
sdN=70.7
fwN=2.28
sdE=36.6
fwE=2.01
20250814T014656.0001.fits
SecZ=1.13
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.1 9.2 10.8
ALT/AZ=61.9 -94.4
fwAVG=1.97
sdW=34.9
fwW=1.66
sdS=52.9
fwS=1.93
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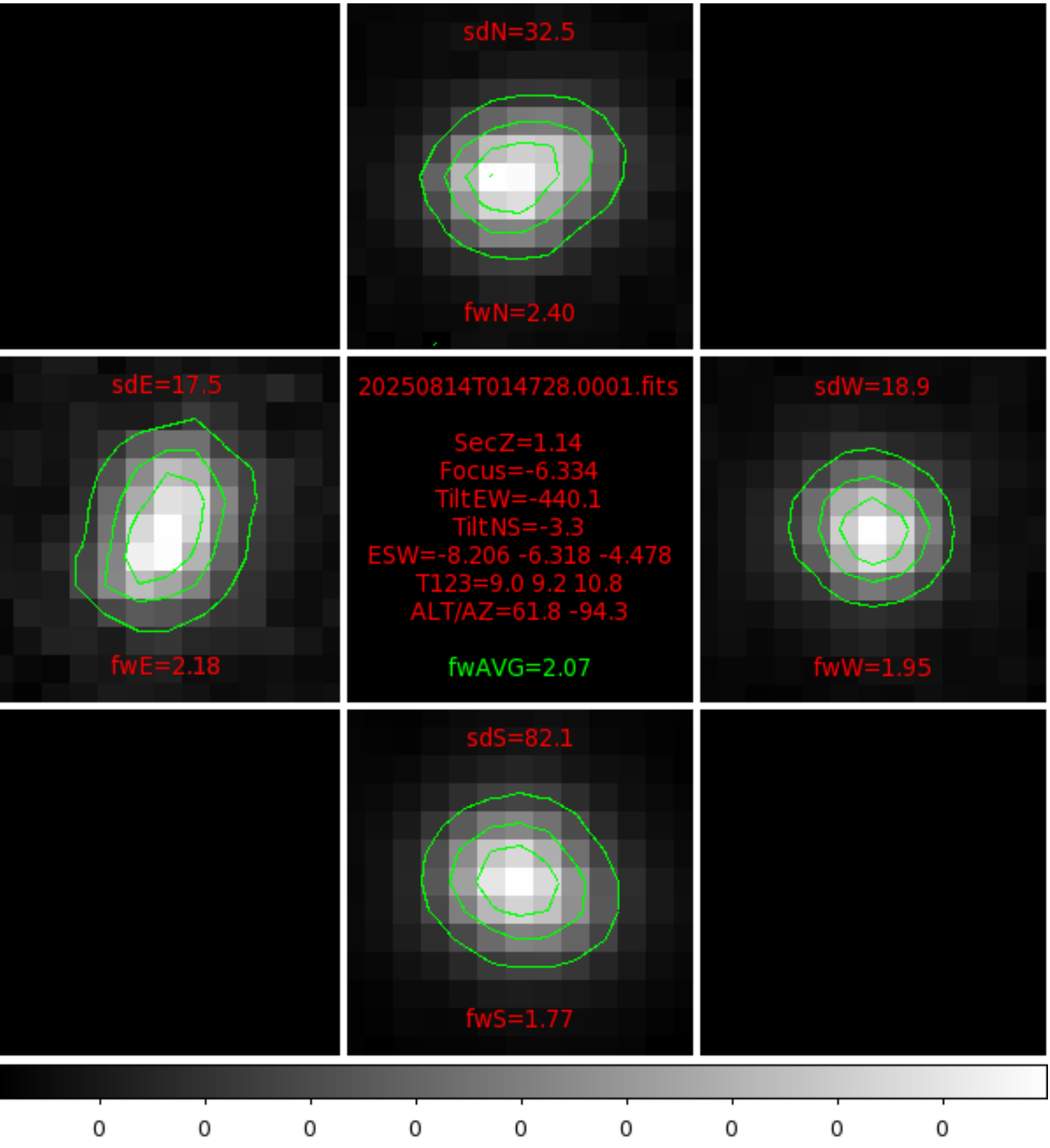
sdN=32.5
fwN=2.40
sdE=17.5
fwE=2.18
20250814T014728.0001.fits
SecZ=1.14
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.0 9.2 10.8
ALT/AZ=61.8 -94.3
fwAVG=2.07
sdW=18.9
fwW=1.95
sdS=82.1
fwS=1.77
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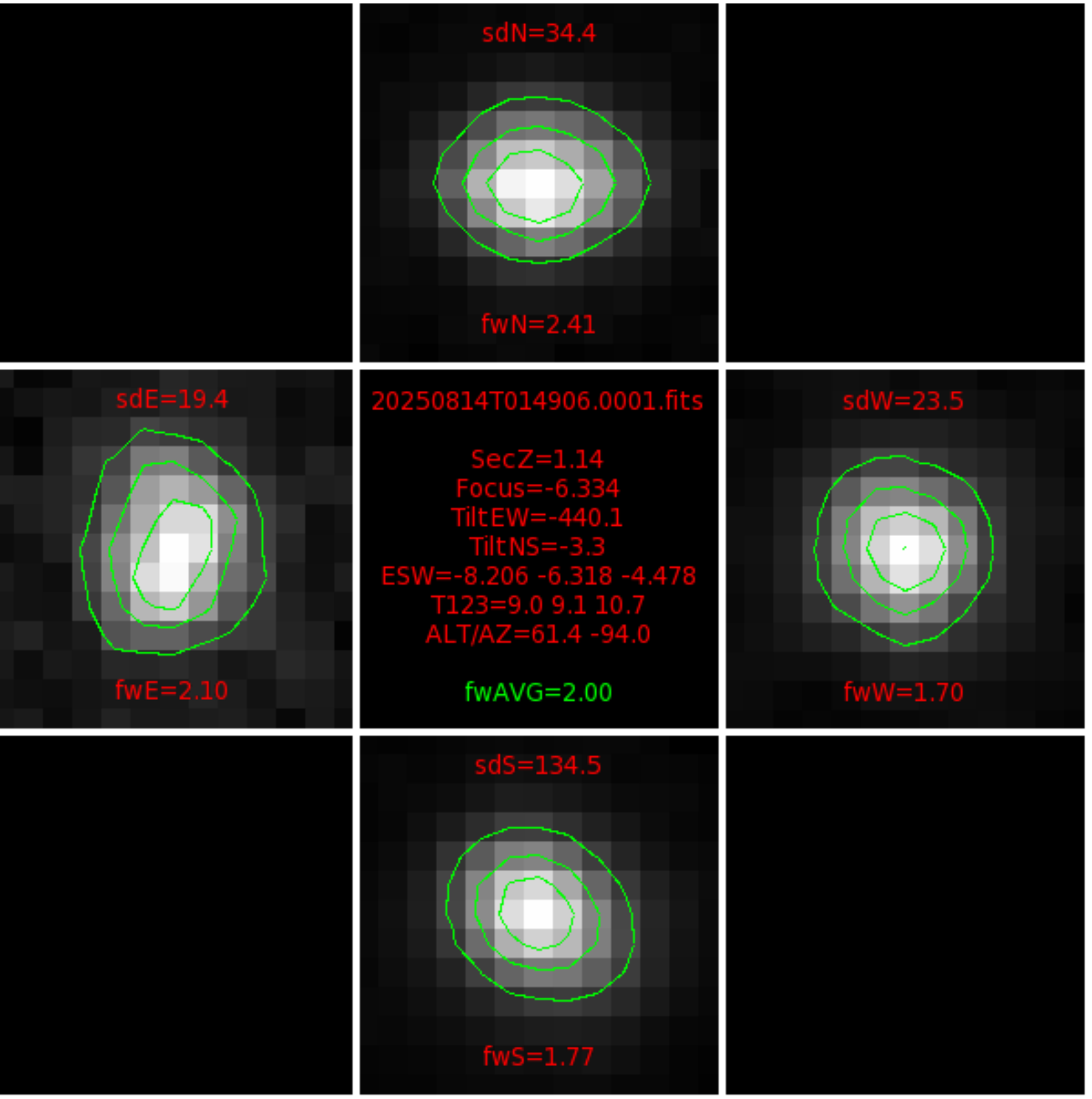
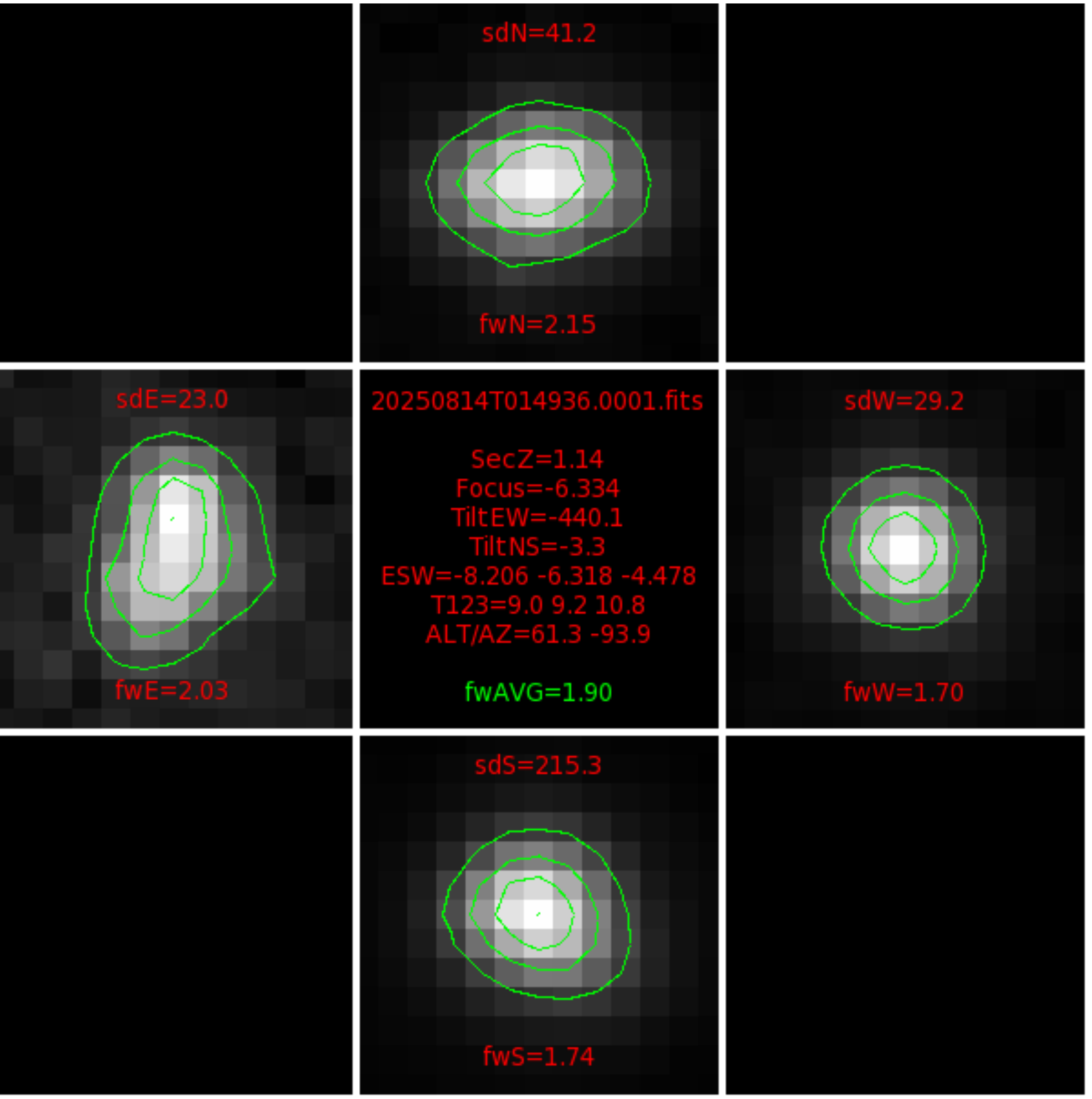

sdN=34.4
fwN=2.41
sdE=19.4
fwE=2.10
20250814T014906.0001.fits
SecZ=1.14
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.0 9.1 10.7
ALT/AZ=61.4 -94.0
fwAVG=2.00
sdW=23.5
fwW=1.70
sdS=134.5
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=41.2
fwN=2.15
sdE=23.0
fwE=2.03
20250814T014936.0001.fits
SecZ=1.14
Focus=-6.334
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.206 -6.318 -4.478
T123=9.0 9.2 10.8
ALT/AZ=61.3 -93.9
fwAVG=1.90
sdW=29.2
fwW=1.70
sdS=215.3
fwS=1.74
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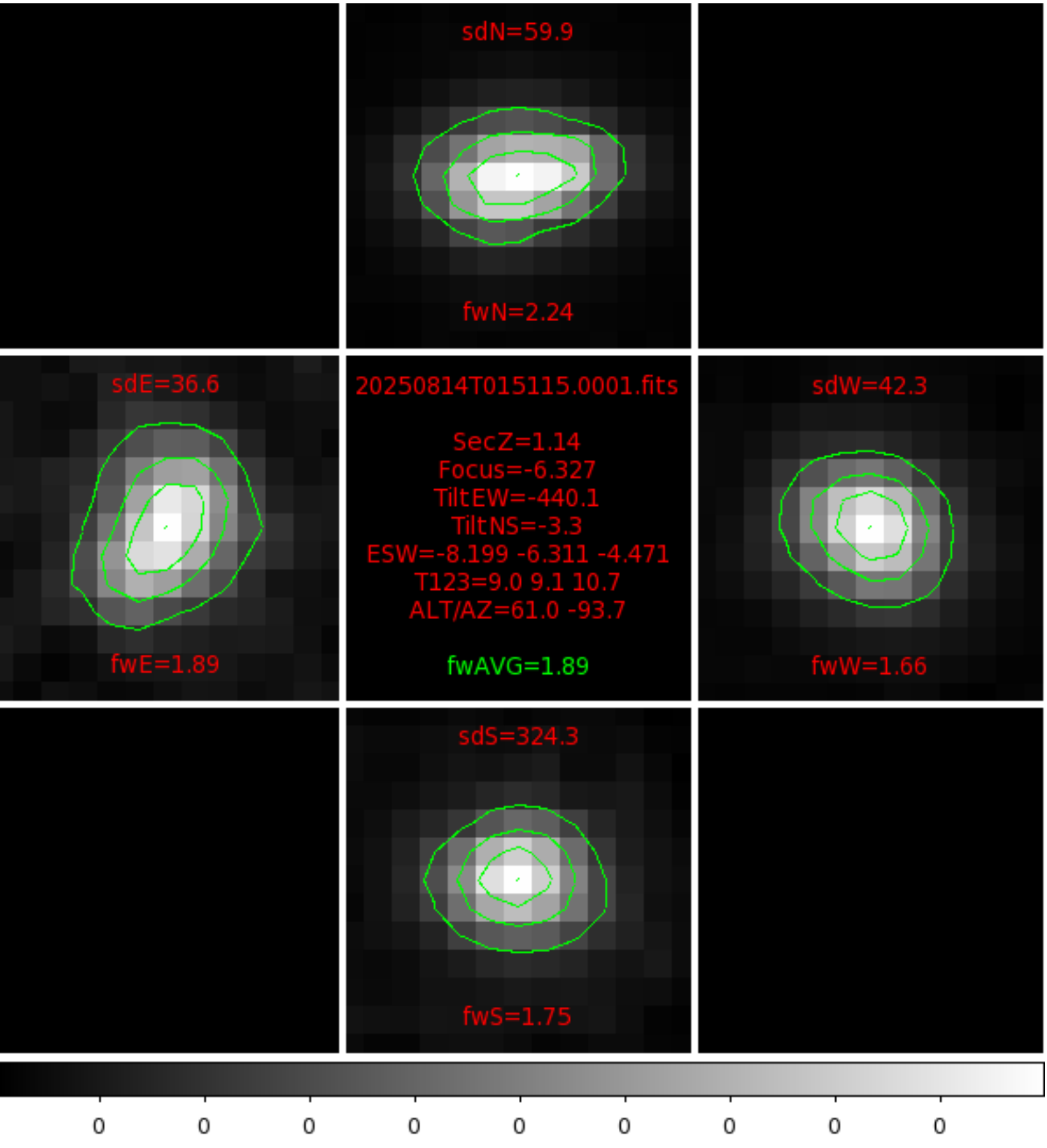
sdN=59.9
fwN=2.24
sdE=36.6
fwE=1.89
20250814T015115.0001.fits
SecZ=1.14
Focus=-6.327
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.199 -6.311 -4.471
T123=9.0 9.1 10.7
ALT/AZ=61.0 -93.7
fwAVG=1.89
sdW=42.3
fwW=1.66
sdS=324.3
fwS=1.75
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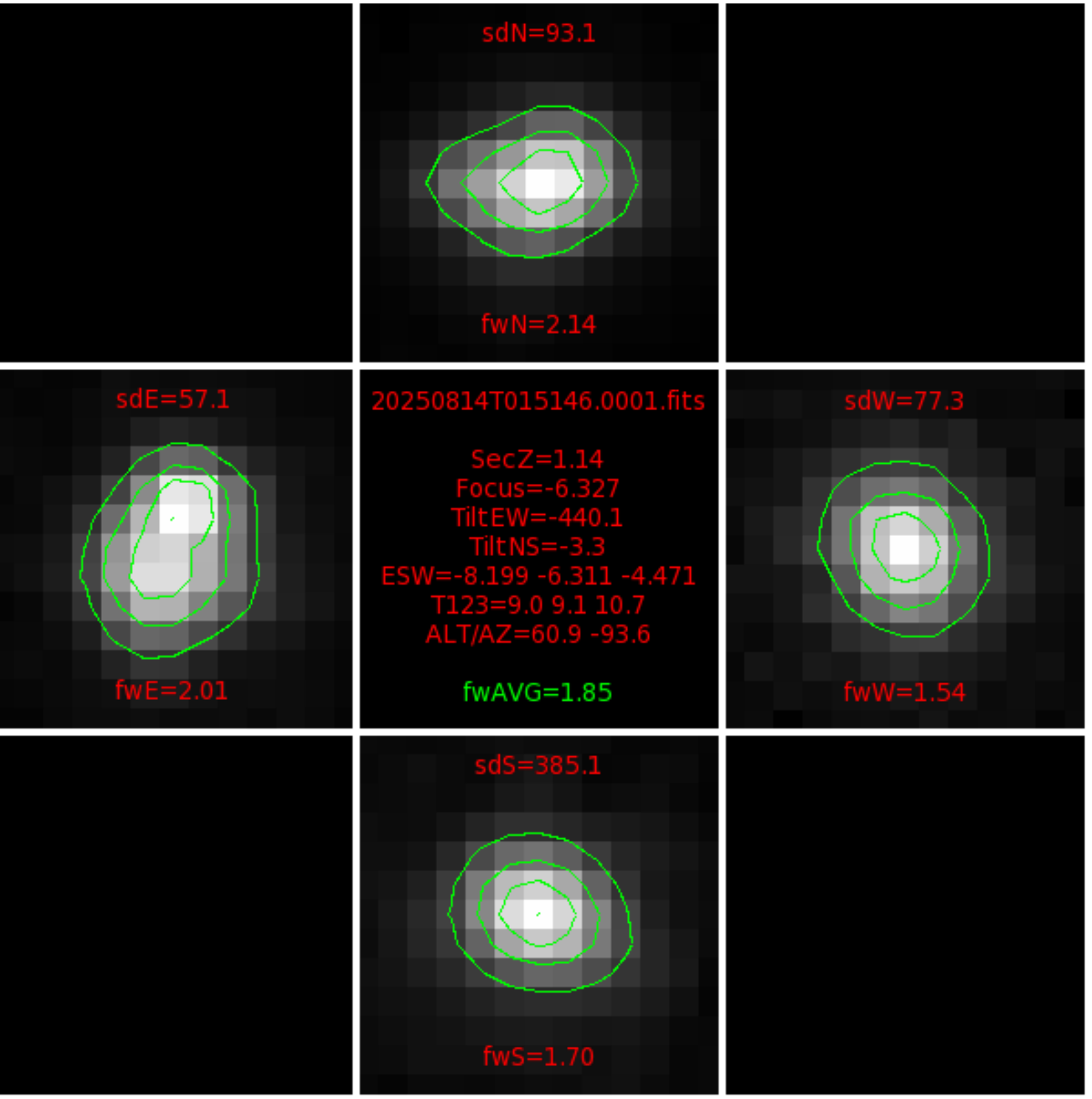
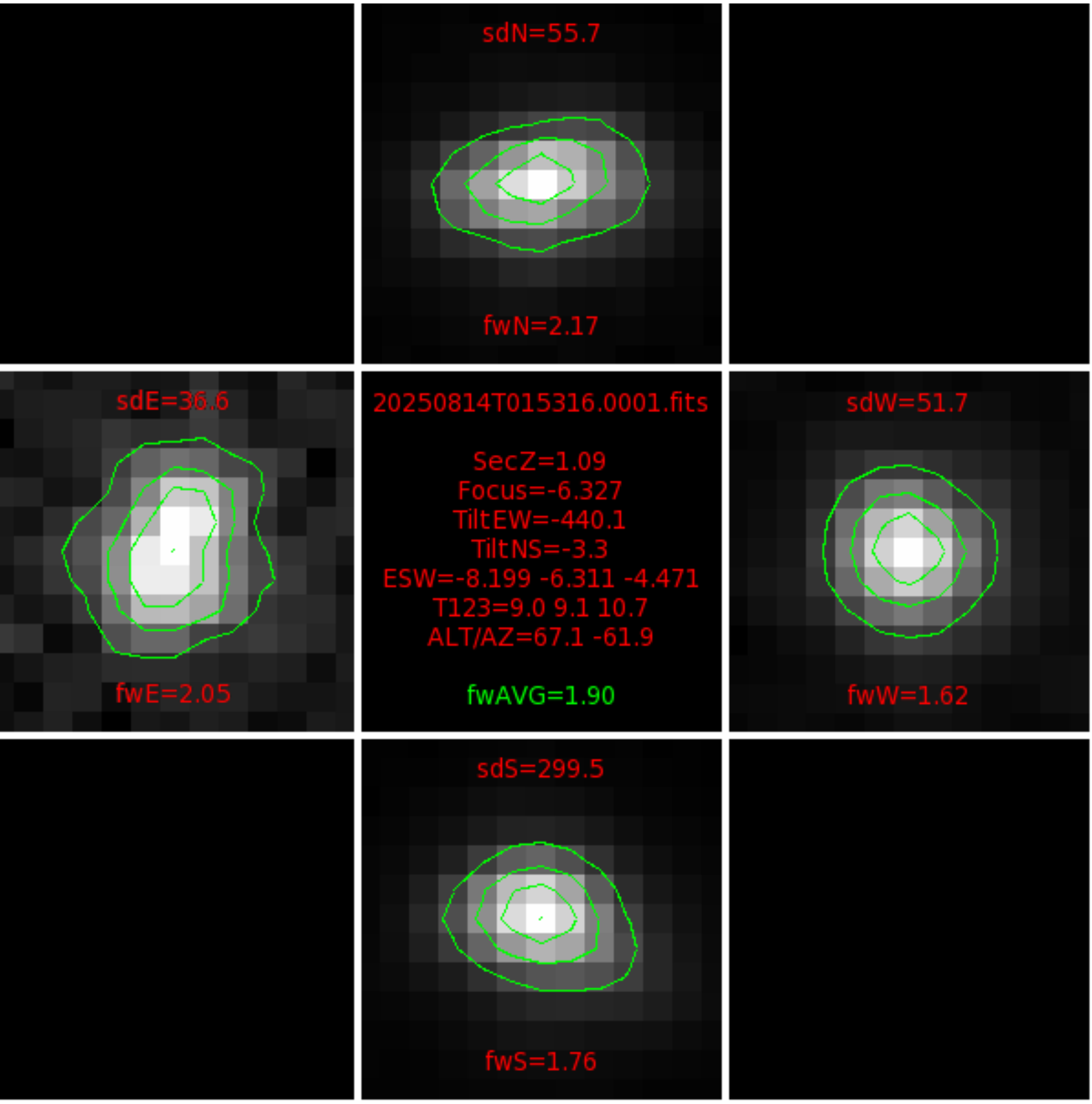

sdN=93.1
fwN=2.14
sdE=57.1
fwE=2.01
20250814T015146.0001.fits
SecZ=1.14
Focus=-6.327
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.199 -6.311 -4.471
T123=9.0 9.1 10.7
ALT/AZ=60.9 -93.6
fwAVG=1.85
sdW=77.3
fwW=1.54
sdS=385.1
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=55.7
fwN=2.17
sdE=36.6
fwE=2.05
20250814T015316.0001.fits
SecZ=1.09
Focus=-6.327
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.199 -6.311 -4.471
T123=9.0 9.1 10.7
ALT/AZ=67.1 -61.9
fwAVG=1.90
sdW=51.7
fwW=1.62
sdS=299.5
fwS=1.76
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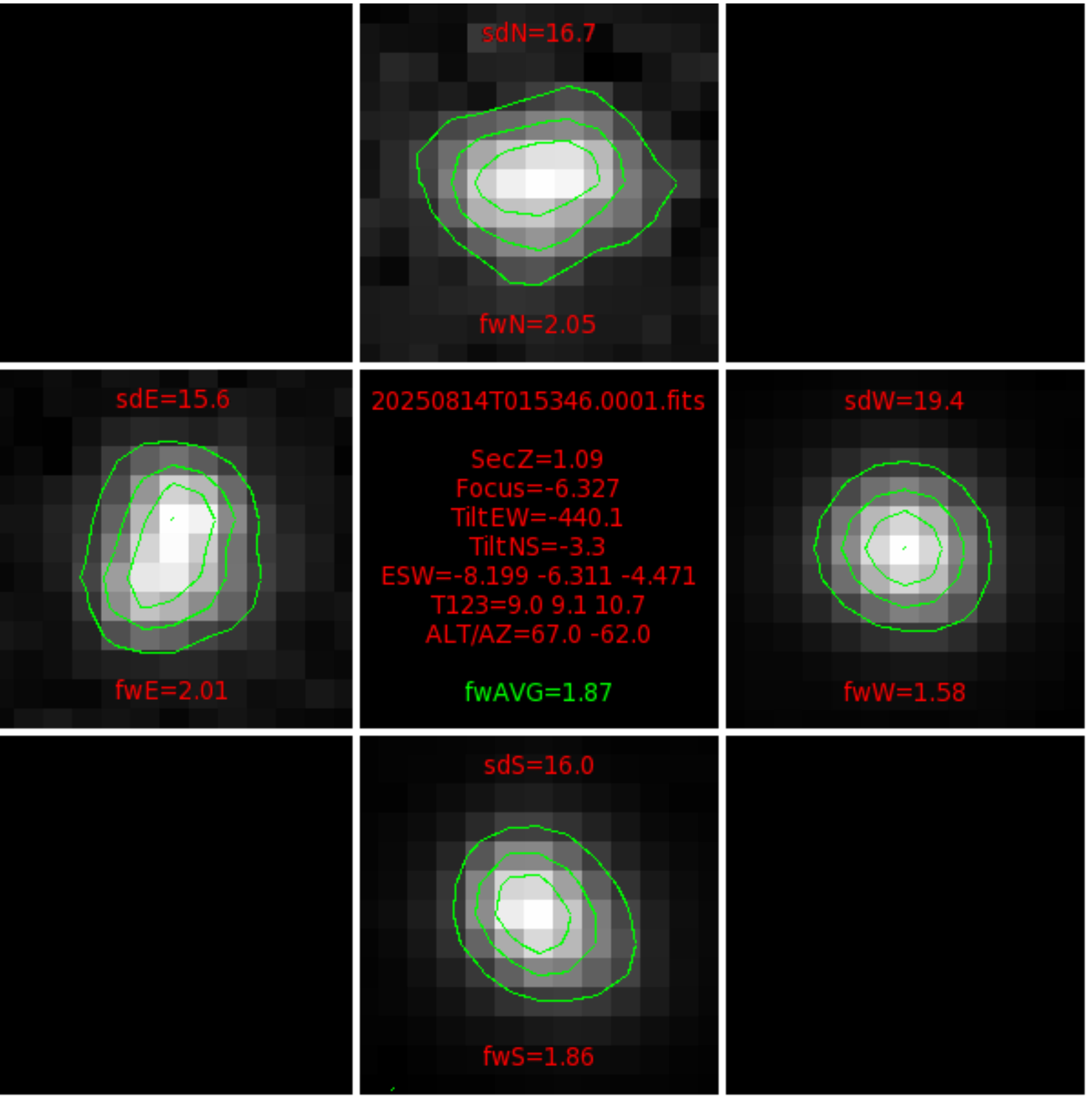
sdN=16.7
fwN=2.05
sdE=15.6
fwE=2.01
20250814T015346.0001.fits
SecZ=1.09
Focus=-6.327
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.199 -6.311 -4.471
T123=9.0 9.1 10.7
ALT/AZ=67.0 -62.0
fwAVG=1.87
sdW=19.4
fwW=1.58
sdS=16.0
fwS=1.86
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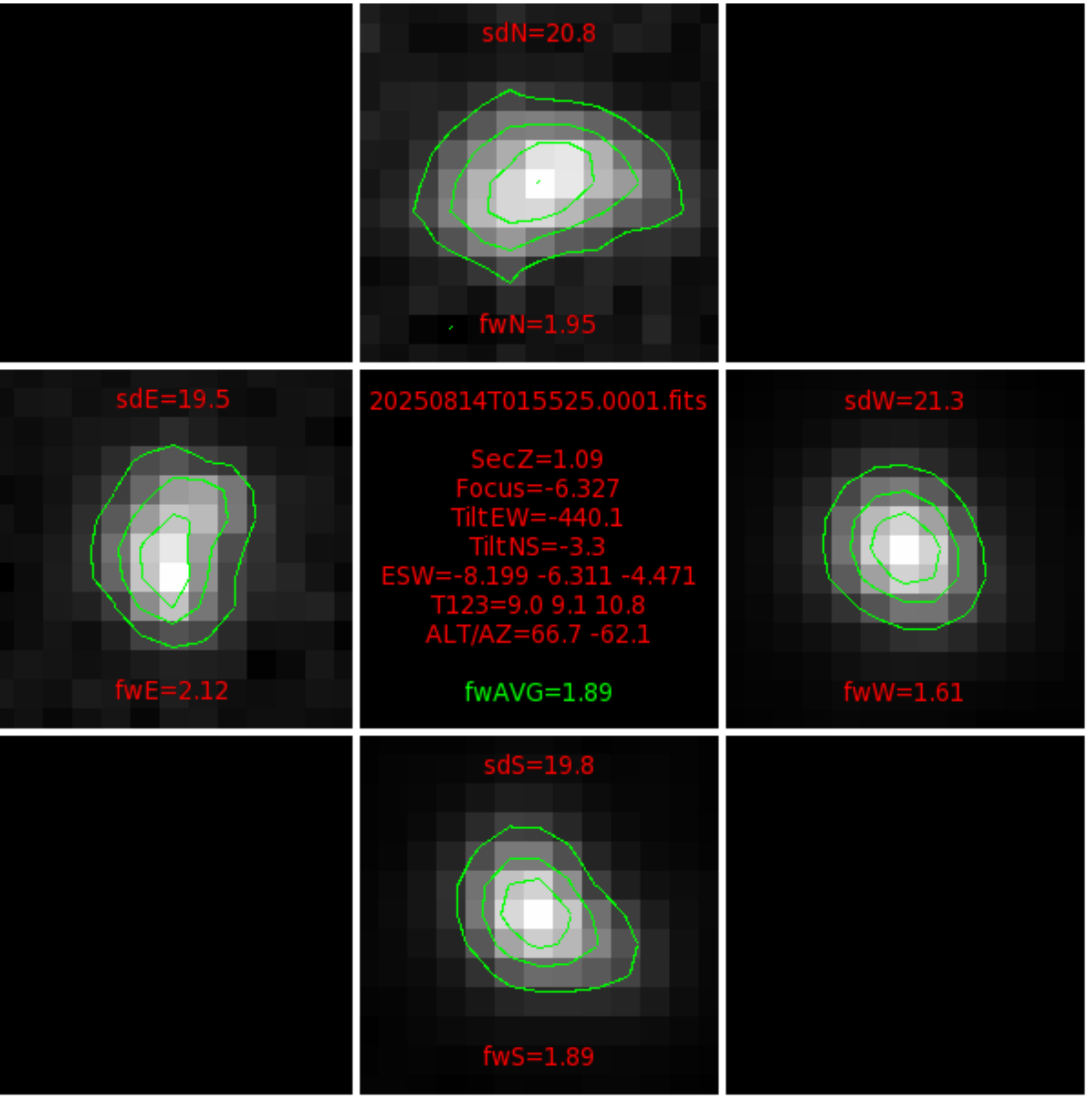
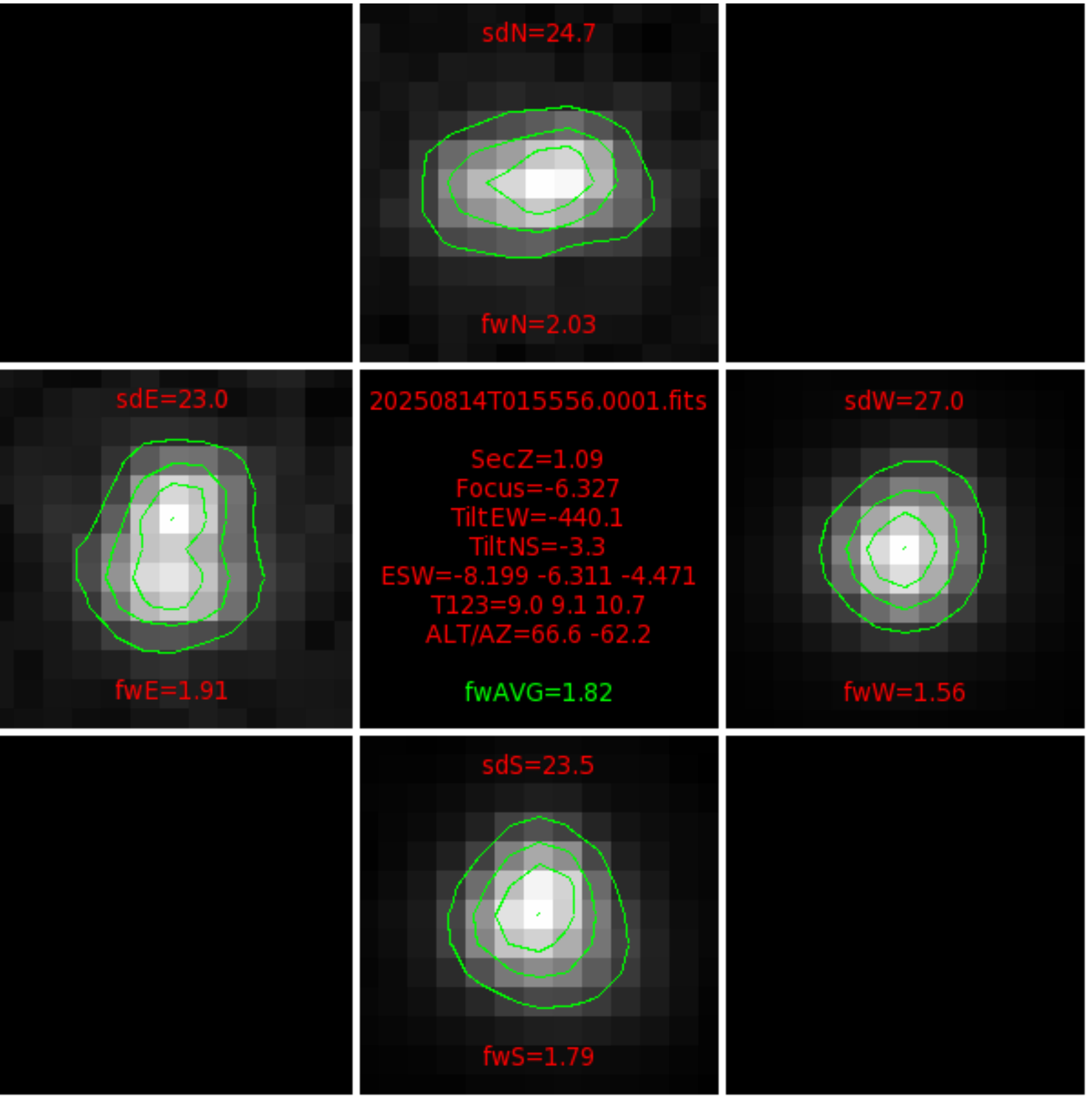
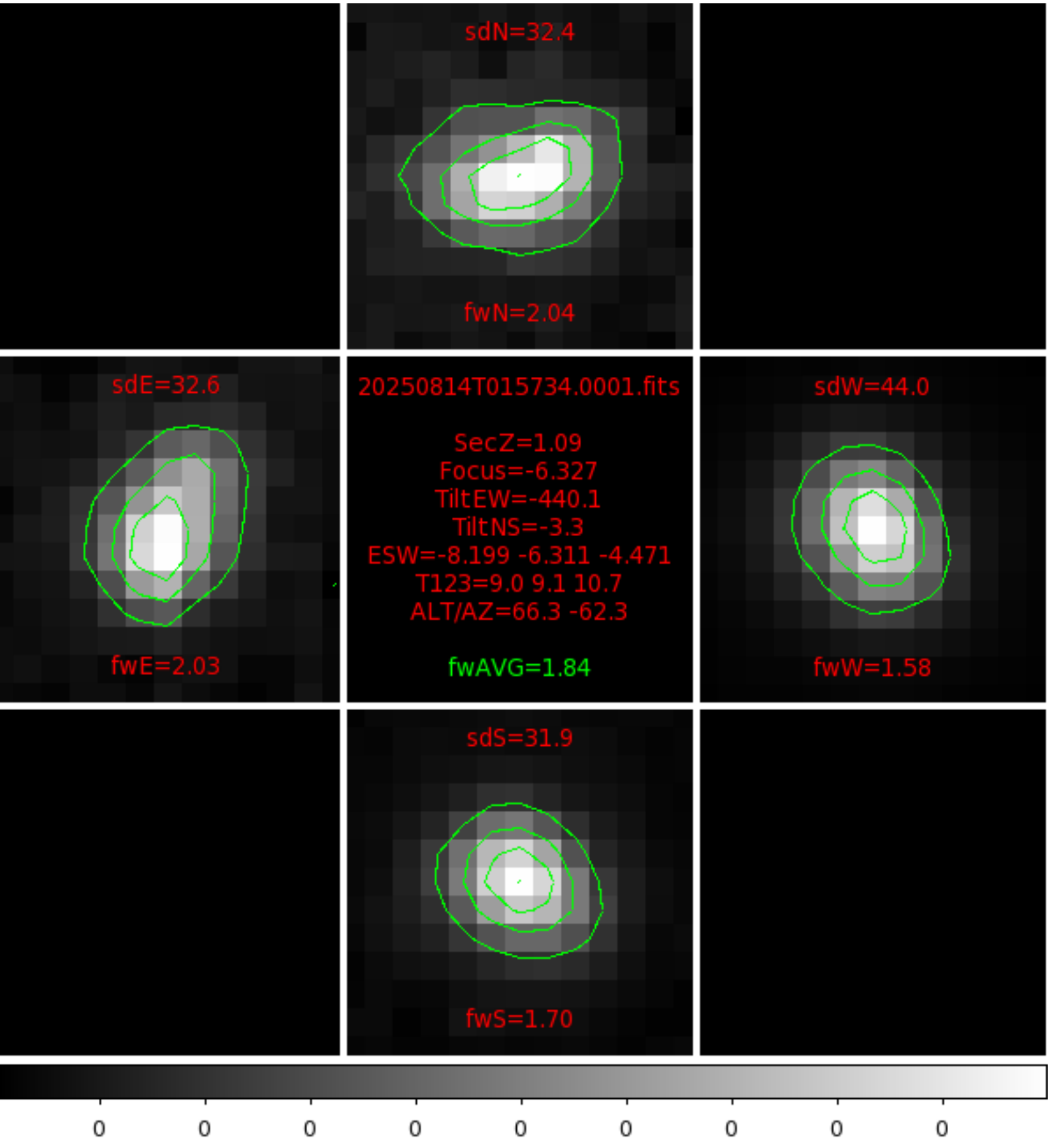
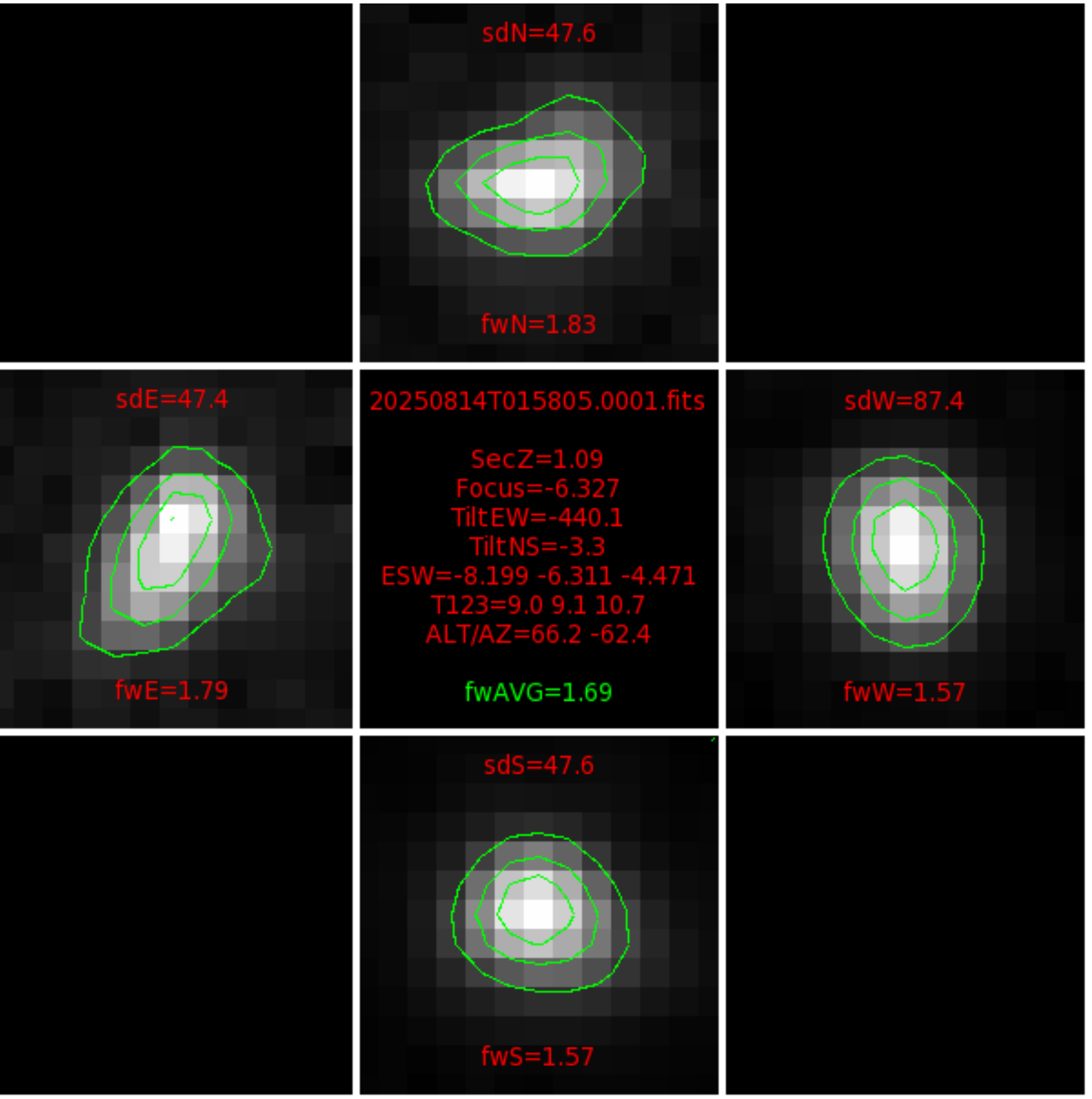

sdN=20.8
fwN=1.95
sdE=19.5
fwE=2.12
20250814T015525.0001.fits
SecZ=1.09
Focus=-6.327
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.199 -6.311 -4.471
T123=9.0 9.1 10.8
ALT/AZ=66.7 -62.1
fwAVG=1.89
sdW=21.3
fwW=1.61
sdS=19.8
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=24.7
fwN=2.03
sdE=23.0
fwE=1.91
20250814T015556.0001.fits
SecZ=1.09
Focus=-6.327
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.199 -6.311 -4.471
T123=9.0 9.1 10.7
ALT/AZ=66.6 -62.2
fwAVG=1.82
sdW=27.0
fwW=1.56
sdS=23.5
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=32.4
fwN=2.04
sdE=32.6
fwE=2.03
20250814T015734.0001.fits
SecZ=1.09
Focus=-6.327
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.199 -6.311 -4.471
T123=9.0 9.1 10.7
ALT/AZ=66.3 -62.3
fwAVG=1.84
sdW=44.0
fwW=1.58
sdS=31.9
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=47.6
fwN=1.83
sdE=47.4
fwE=1.79
20250814T015805.0001.fits
SecZ=1.09
Focus=-6.327
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.199 -6.311 -4.471
T123=9.0 9.1 10.7
ALT/AZ=66.2 -62.4
fwAVG=1.69
sdW=87.4
fwW=1.57
sdS=47.6
fwS=1.57
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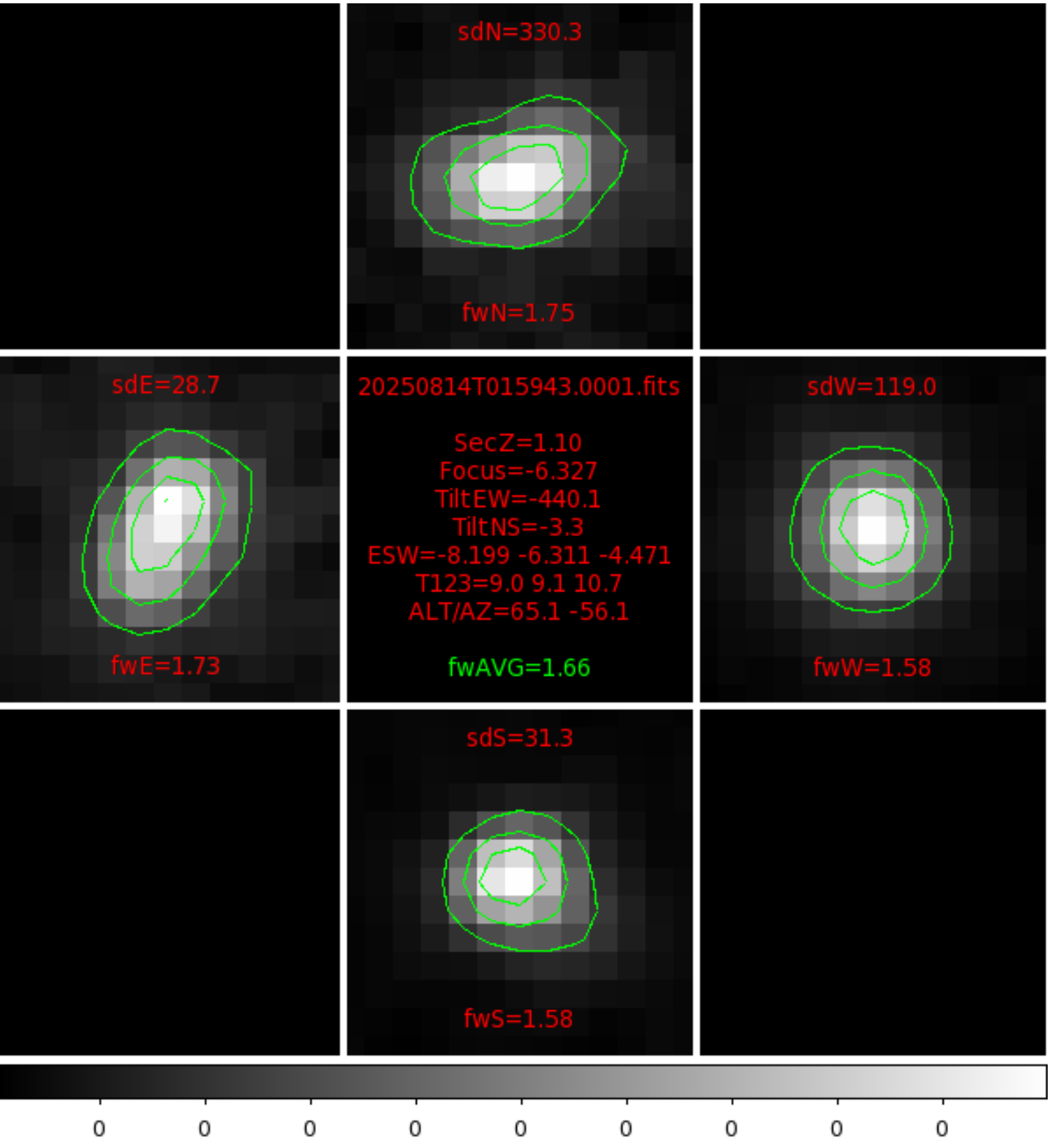
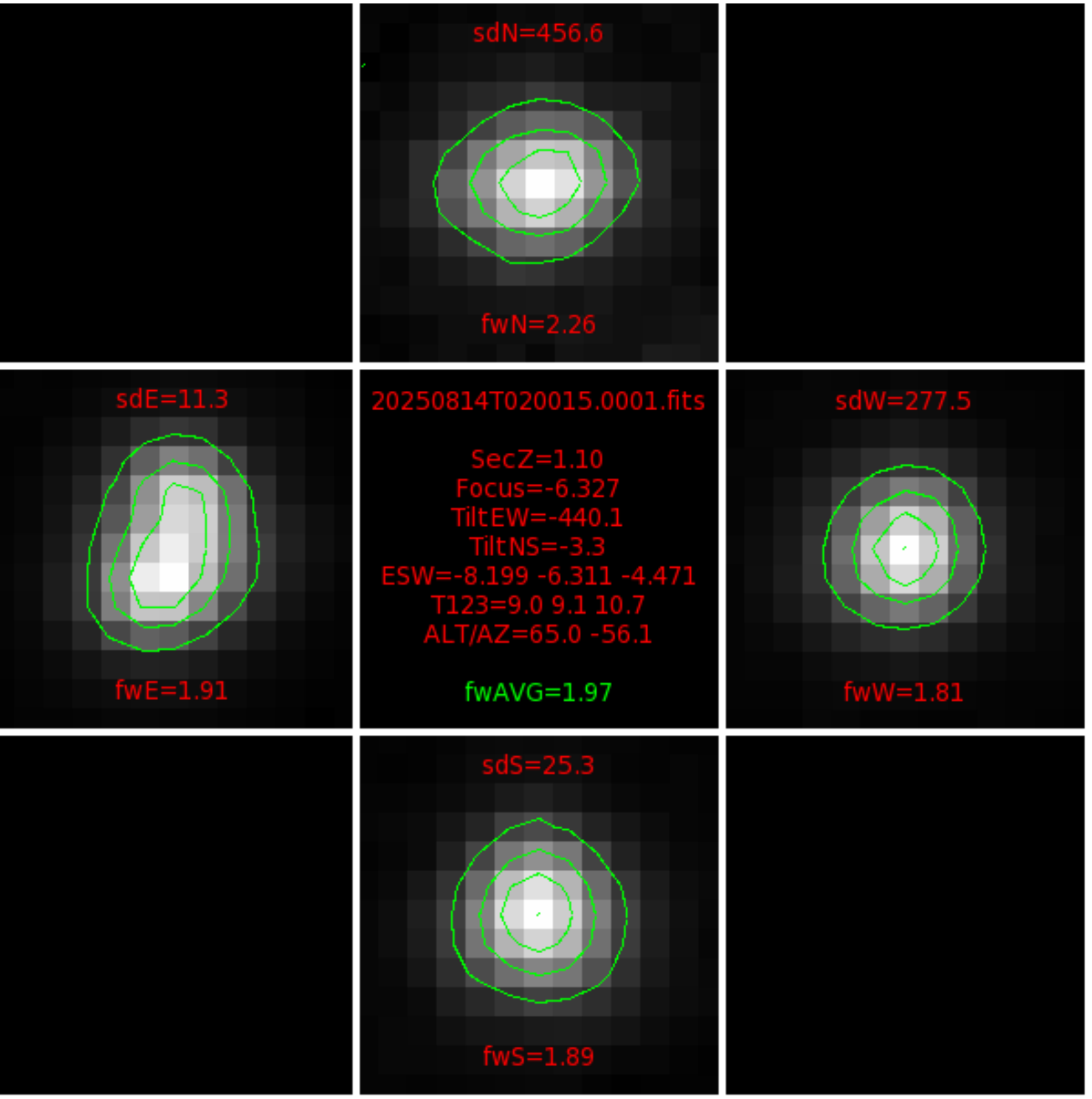
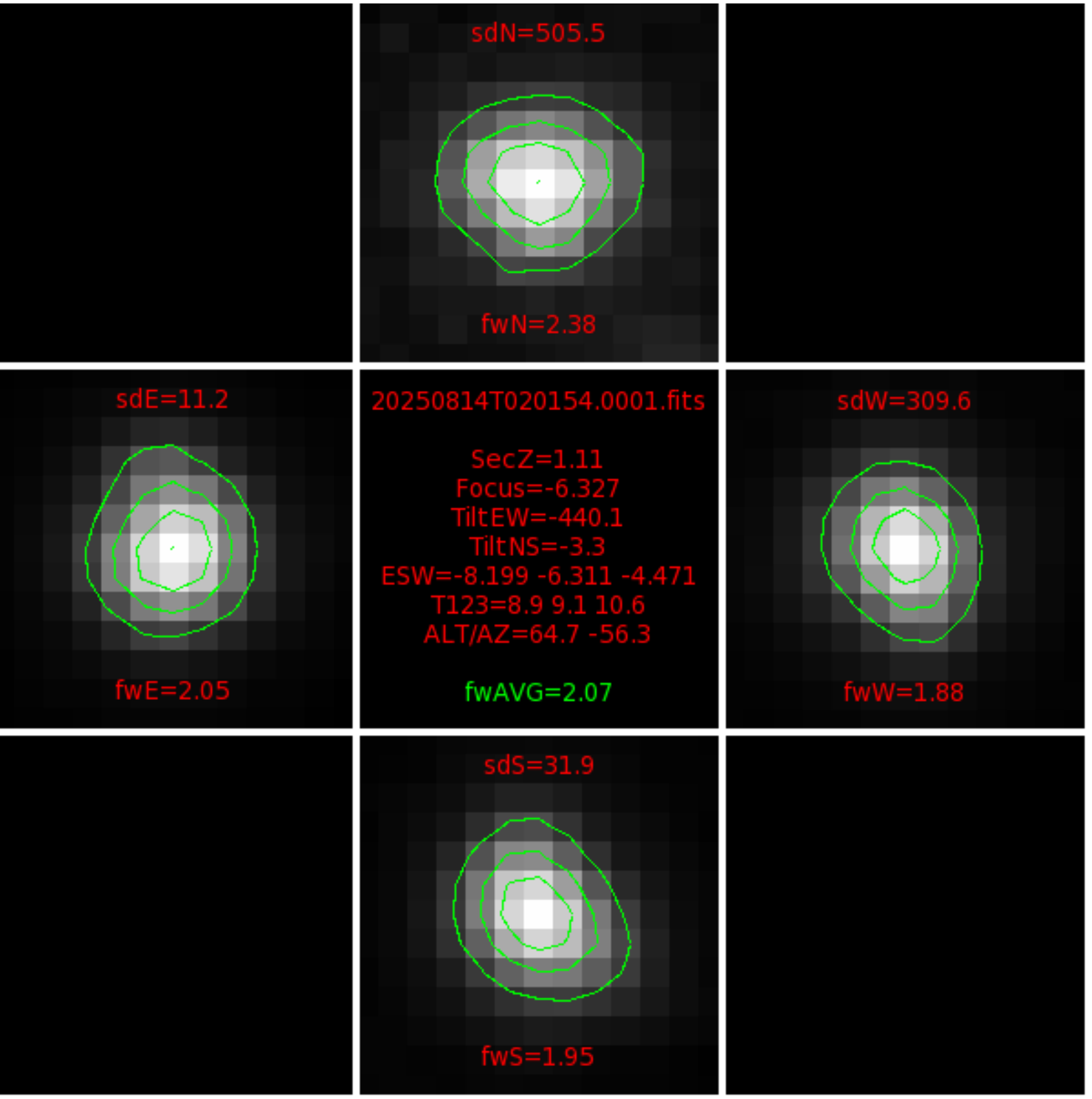

sdN=330.3
fwN=1.75
sdE=28.7
fwE=1.73
20250814T015943.0001.fits
SecZ=1.10
Focus=-6.327
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.199 -6.311 -4.471
T123=9.0 9.1 10.7
ALT/AZ=65.1 -56.1
fwAVG=1.66
sdW=119.0
fwW=1.58
sdS=31.3
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=456.6
fwN=2.26
sdE=11.3
fwE=1.91
20250814T020015.0001.fits
SecZ=1.10
Focus=-6.327
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.199 -6.311 -4.471
T123=9.0 9.1 10.7
ALT/AZ=65.0 -56.1
fwAVG=1.97
sdW=277.5
fwW=1.81
sdS=25.3
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=505.5
fwN=2.38
sdE=11.2
fwE=2.05
20250814T020154.0001.fits
SecZ=1.11
Focus=-6.327
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.199 -6.311 -4.471
T123=8.9 9.1 10.6
ALT/AZ=64.7 -56.3
fwAVG=2.07
sdW=309.6
fwW=1.88
sdS=31.9
fwS=1.95
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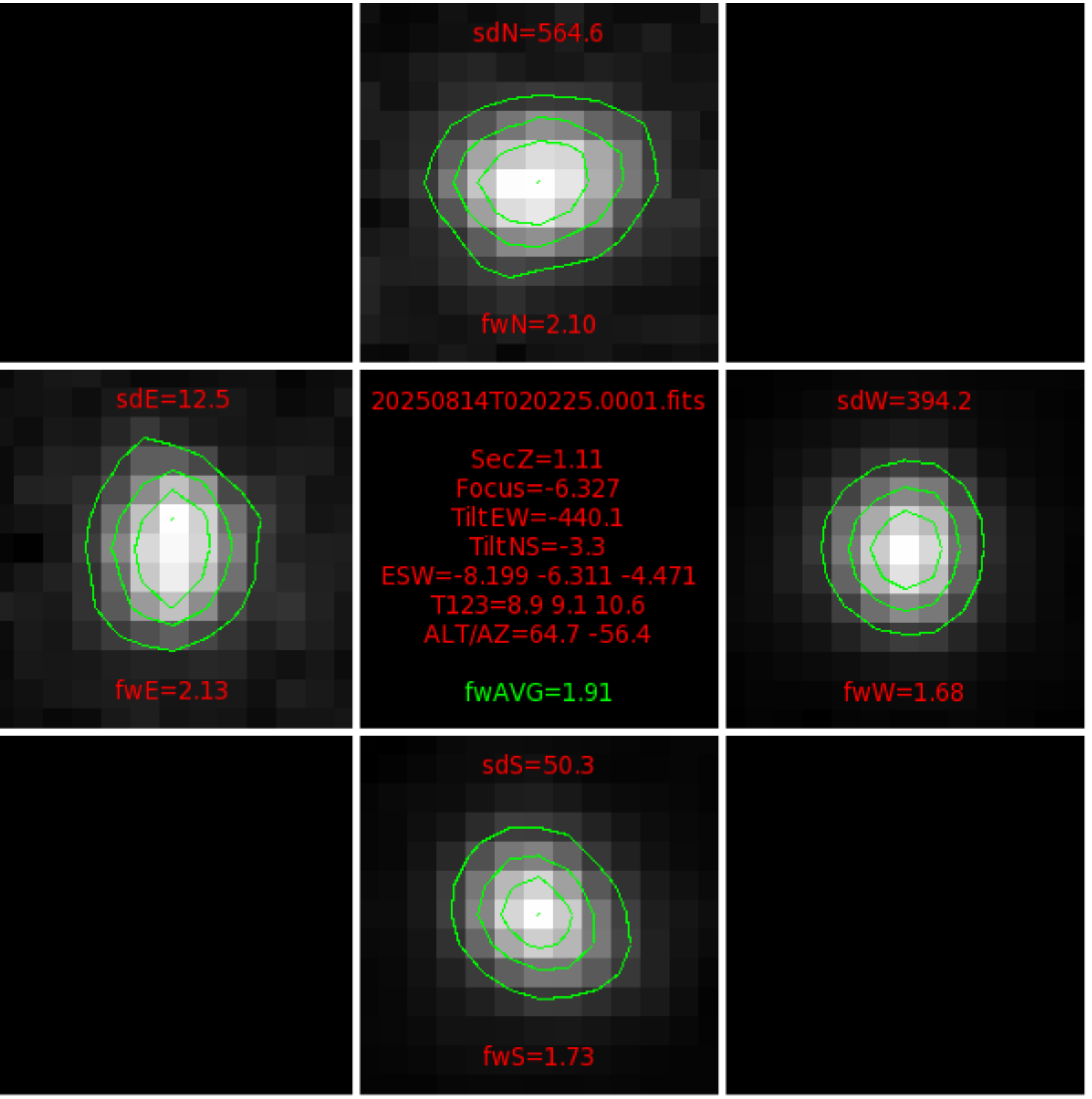
sdN=564.6
fwN=2.10
sdE=12.5
fwE=2.13
20250814T020225.0001.fits
SecZ=1.11
Focus=-6.327
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.199 -6.311 -4.471
T123=8.9 9.1 10.6
ALT/AZ=64.7 -56.4
fwAVG=1.91
sdW=394.2
fwW=1.68
sdS=50.3
fwS=1.73
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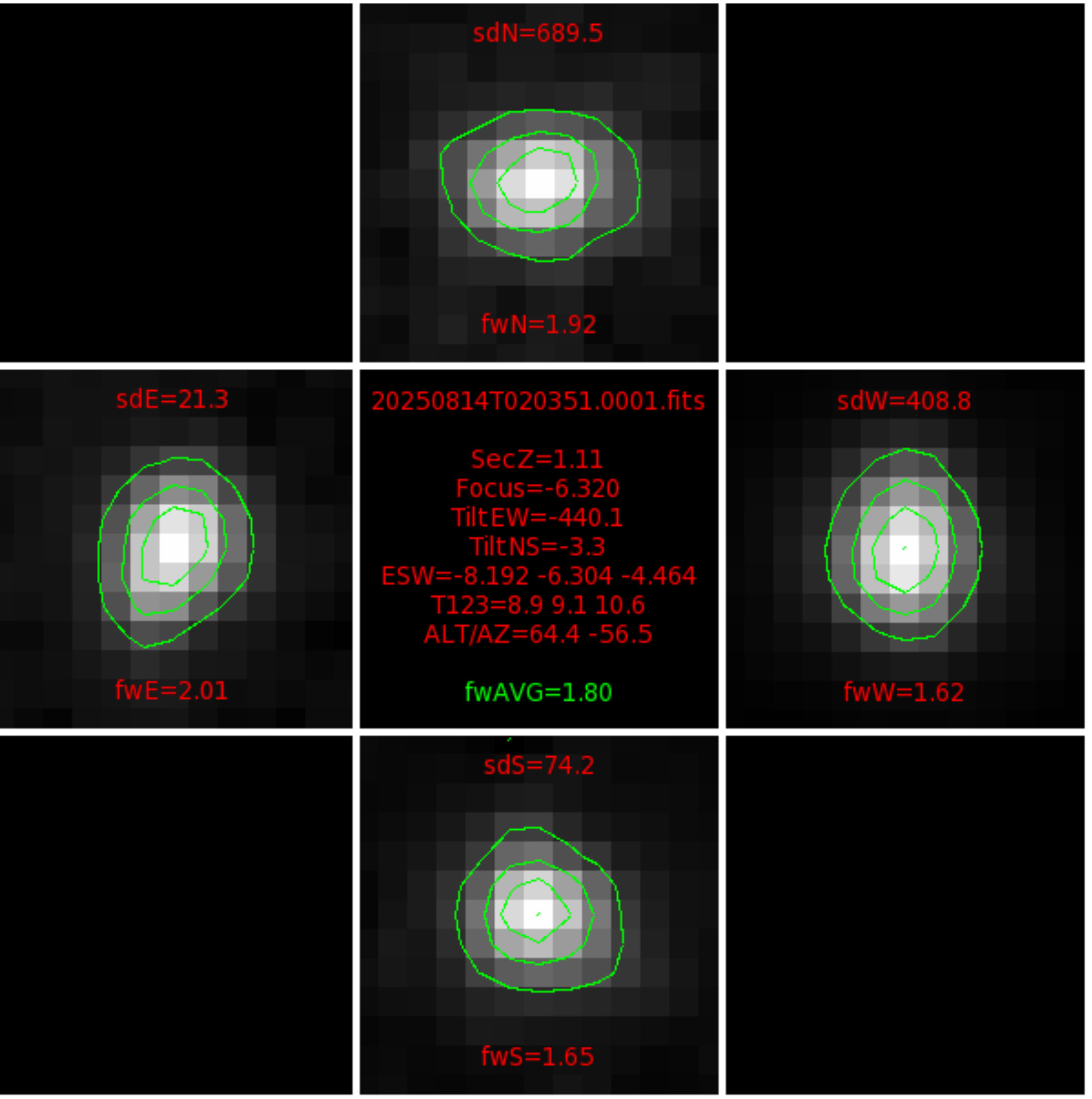
sdN=689.5
fwN=1.92
sdE=21.3
fwE=2.01
20250814T020351.0001.fits
SecZ=1.11
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.9 9.1 10.6
ALT/AZ=64.4 -56.5
fwAVG=1.80
sdW=408.8
fwW=1.62
sdS=74.2
fwS=1.65
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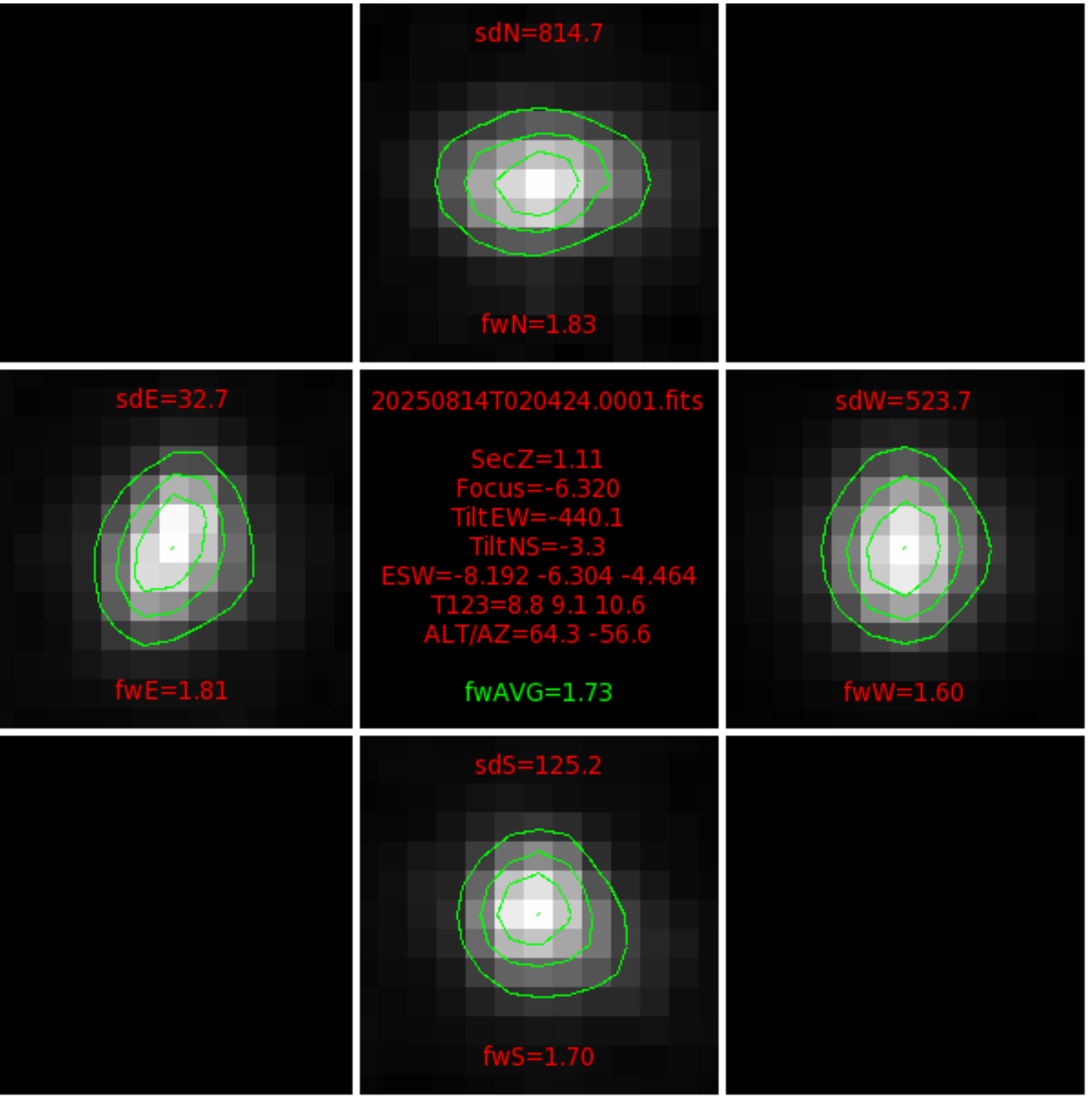
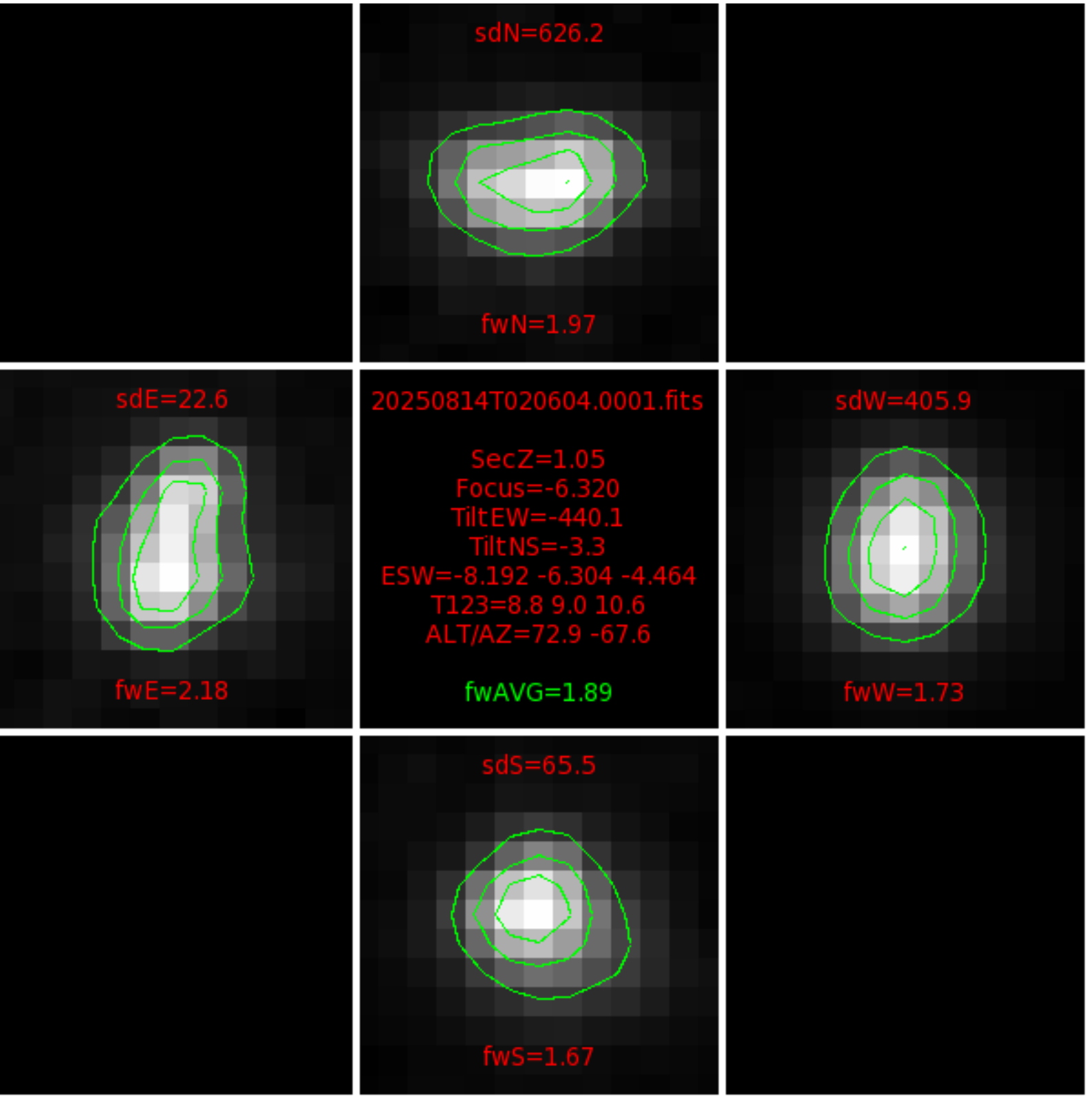
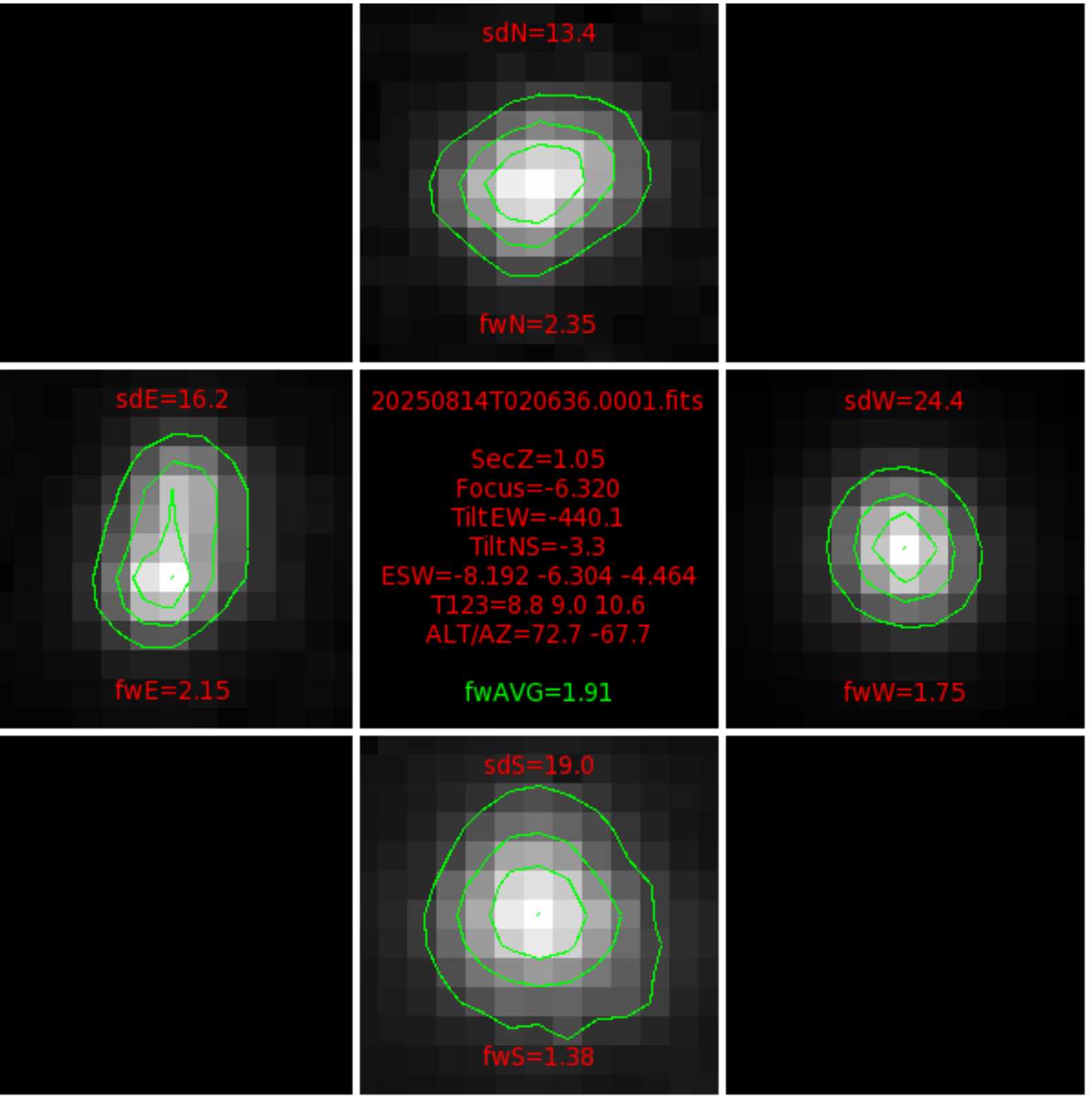

sdN=814.7
fwN=1.83
sdE=32.7
fwE=1.81
20250814T020424.0001.fits
SecZ=1.11
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.8 9.1 10.6
ALT/AZ=64.3 -56.6
fwAVG=1.73
sdW=523.7
fwW=1.60
sdS=125.2
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=626.2
fwN=1.97
sdE=22.6
fwE=2.18
20250814T020604.0001.fits
SecZ=1.05
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.8 9.0 10.6
ALT/AZ=72.9 -67.6
fwAVG=1.89
sdW=405.9
fwW=1.73
sdS=65.5
fwS=1.67
0 0 0 0 0 0 0 0 0


sdN=13.4
fwN=2.35
sdE=16.2
fwE=2.15
20250814T020636.0001.fits
SecZ=1.05
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.8 9.0 10.6
ALT/AZ=72.7 -67.7
fwAVG=1.91
sdW=24.4
fwW=1.75
sdS=19.0
fwS=1.38
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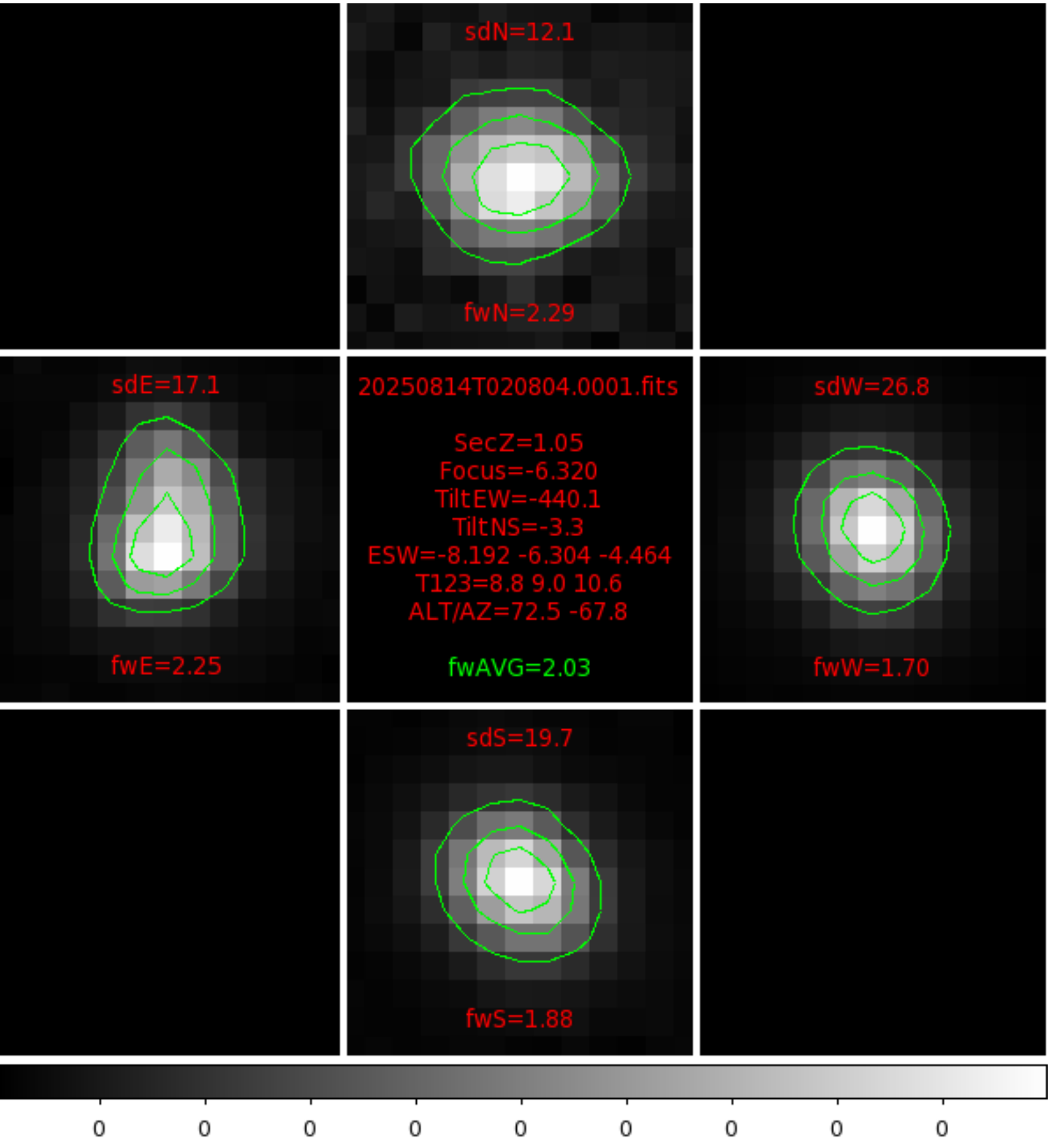
sdN=12.1
fwN=2.29
sdE=17.1
fwE=2.25
20250814T020804.0001.fits
SecZ=1.05
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.8 9.0 10.6
ALT/AZ=72.5 -67.8
fwAVG=2.03
sdW=26.8
fwW=1.70
sdS=19.7
fwS=1.88
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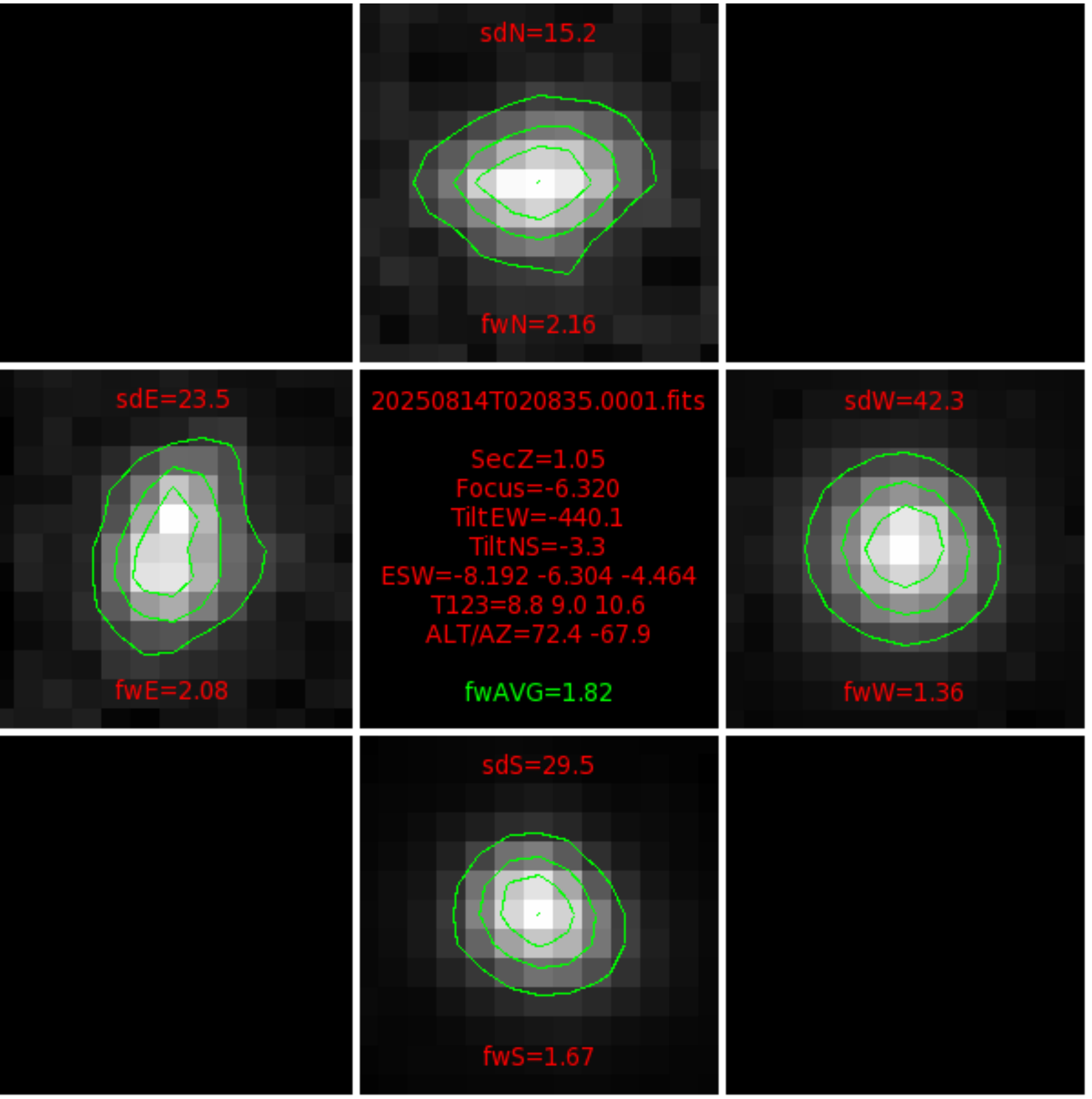
sdN=15.2
fwN=2.16
sdE=23.5
fwE=2.08
20250814T020835.0001.fits
SecZ=1.05
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.8 9.0 10.6
ALT/AZ=72.4 -67.9
fwAVG=1.82
sdW=42.3
fwW=1.36
sdS=29.5
fwS=1.67
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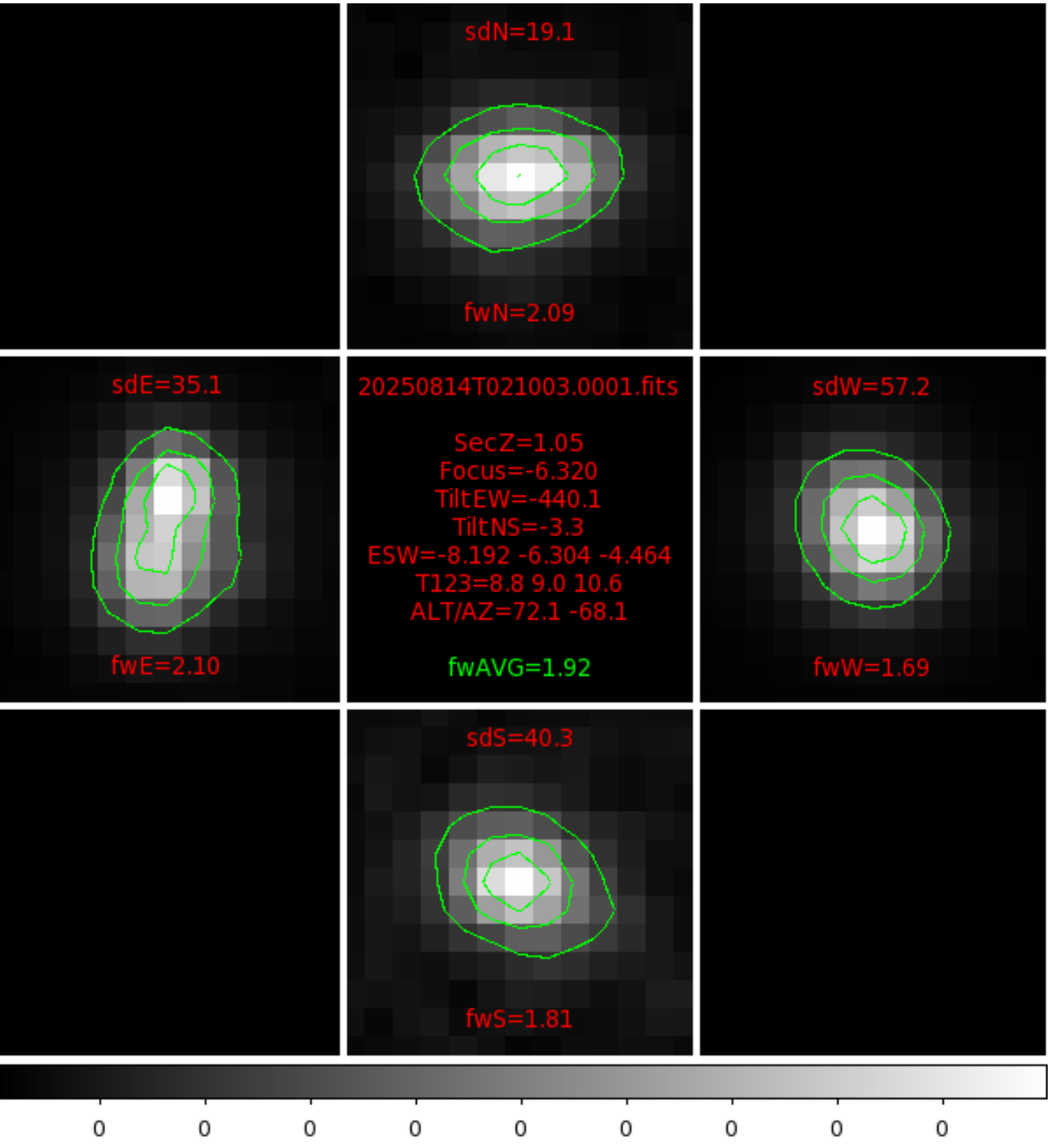
sdN=19.1
fwN=2.09
sdE=35.1
fwE=2.10
20250814T021003.0001.fits
SecZ=1.05
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.8 9.0 10.6
ALT/AZ=72.1 -68.1
fwAVG=1.92
sdW=57.2
fwW=1.69
sdS=40.3
fwS=1.81
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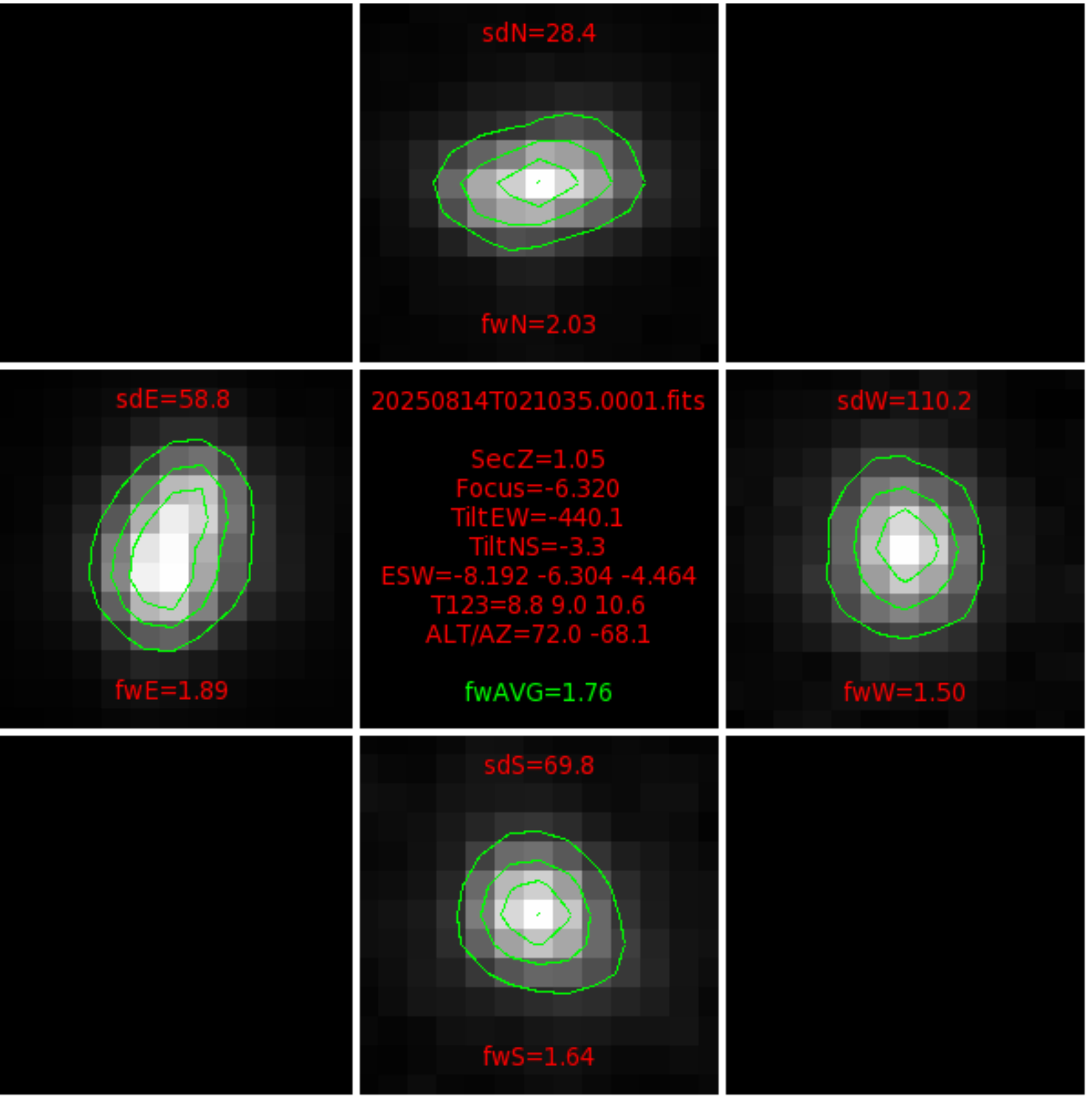
sdN=28.4
fwN=2.03
sdE=58.8
fwE=1.89
20250814T021035.0001.fits
SecZ=1.05
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.8 9.0 10.6
ALT/AZ=72.0 -68.1
fwAVG=1.76
sdW=110.2
fwW=1.50
sdS=69.8
fwS=1.64
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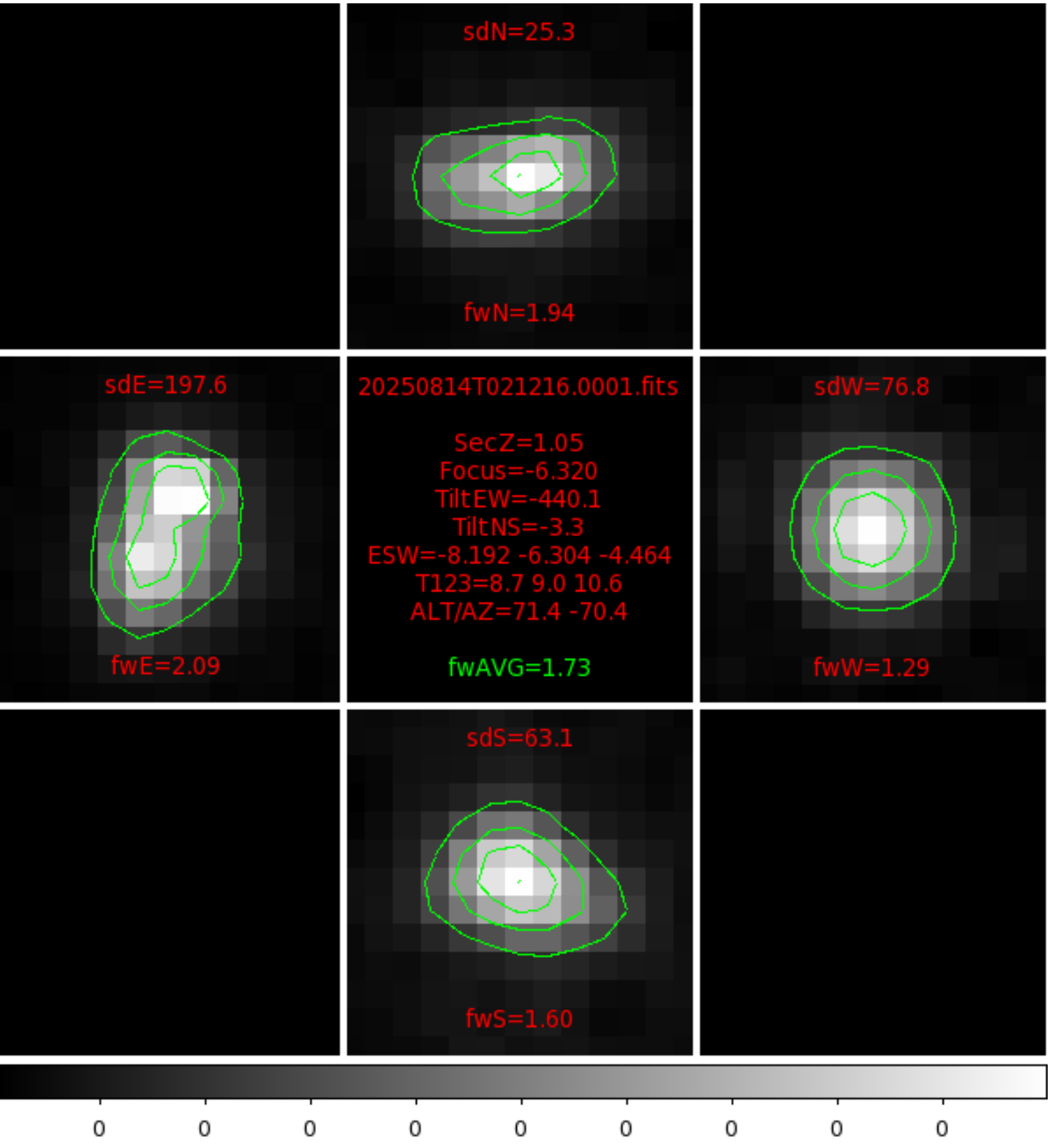
sdN=25.3
fwN=1.94
sdE=197.6
fwE=2.09
20250814T021216.0001.fits
SecZ=1.05
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.7 9.0 10.6
ALT/AZ=71.4 -70.4
fwAVG=1.73
sdW=76.8
fwW=1.29
sdS=63.1
fwS=1.60
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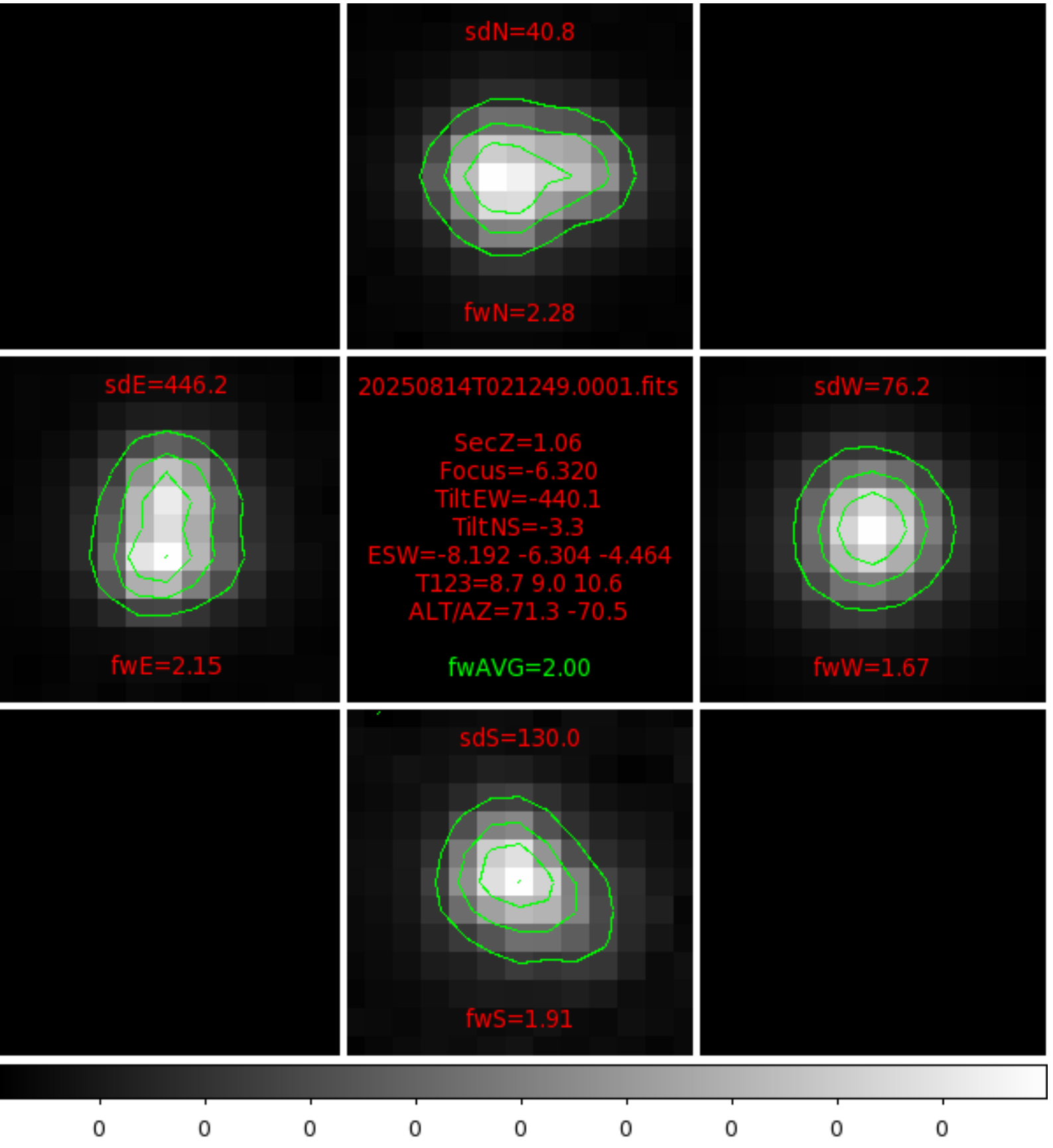
sdN=40.8
fwN=2.28
sdE=446.2
fwE=2.15
20250814T021249.0001.fits
SecZ=1.06
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.7 9.0 10.6
ALT/AZ=71.3 -70.5
fwAVG=2.00
sdW=76.2
fwW=1.67
sdS=130.0
fwS=1.91
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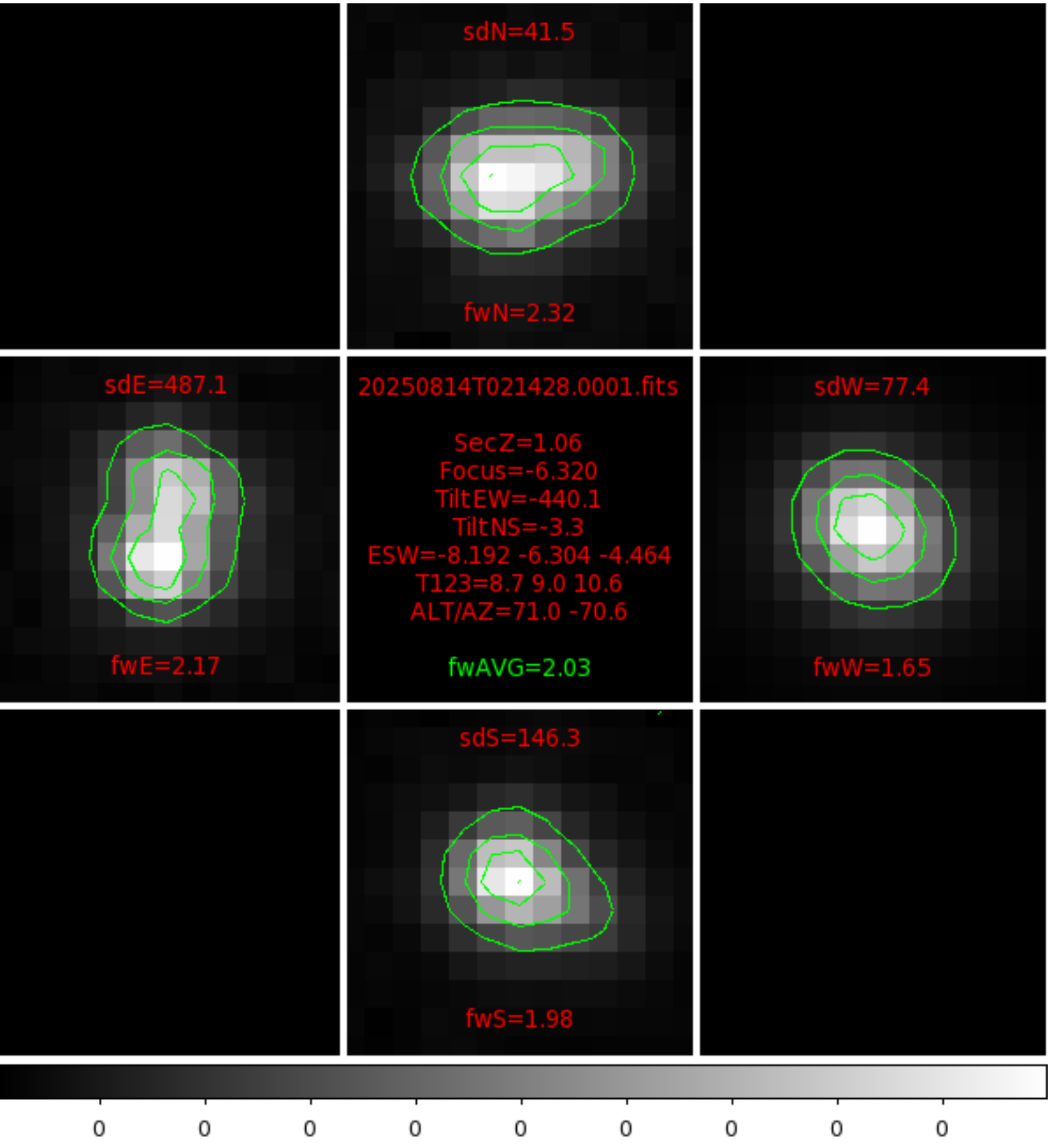
sdN=41.5
fwN=2.32
sdE=487.1
fwE=2.17
20250814T021428.0001.fits
SecZ=1.06
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.7 9.0 10.6
ALT/AZ=71.0 -70.6
fwAVG=2.03
sdW=77.4
fwW=1.65
sdS=146.3
fwS=1.98
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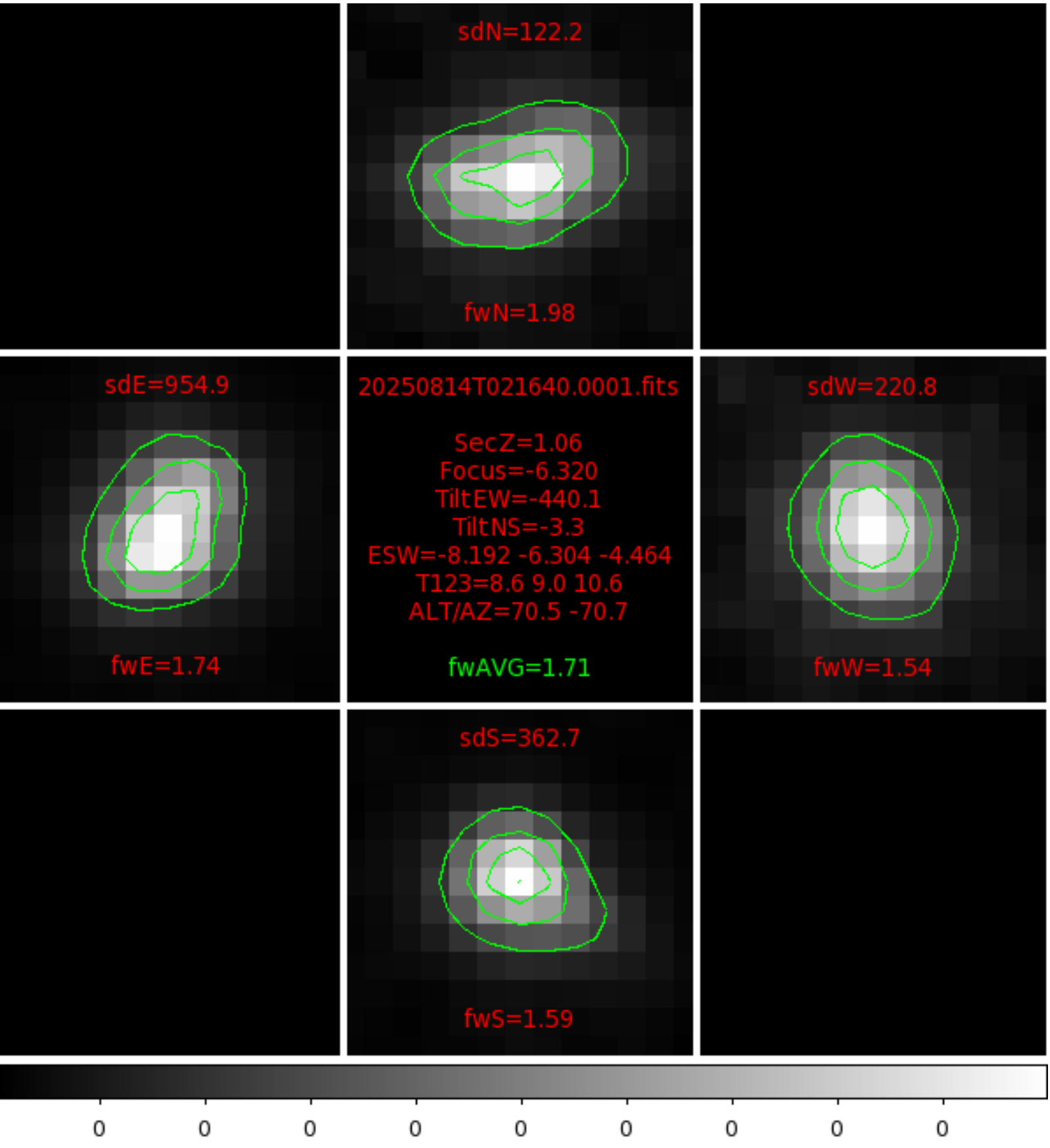
sdN=122.2
fwN=1.98
sdE=954.9
fwE=1.74
20250814T021640.0001.fits
SecZ=1.06
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.6 9.0 10.6
ALT/AZ=70.5 -70.7
fwAVG=1.71
sdW=220.8
fwW=1.54
sdS=362.7
fwS=1.59
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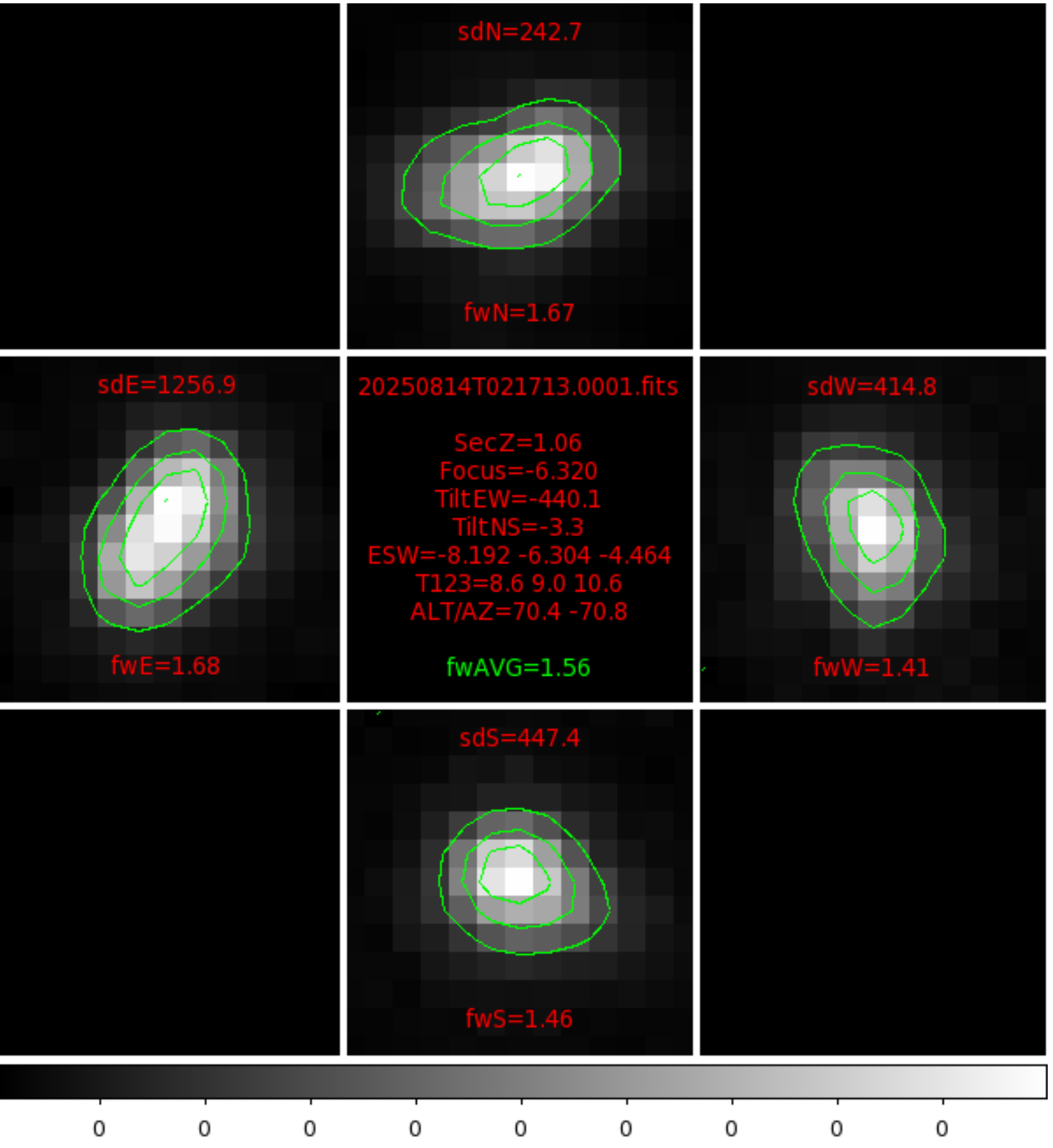
sdN=242.7
fwN=1.67
sdE=1256.9
fwE=1.68
20250814T021713.0001.fits
SecZ=1.06
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.6 9.0 10.6
ALT/AZ=70.4 -70.8
fwAVG=1.56
sdW=414.8
fwW=1.41
sdS=447.4
fwS=1.46
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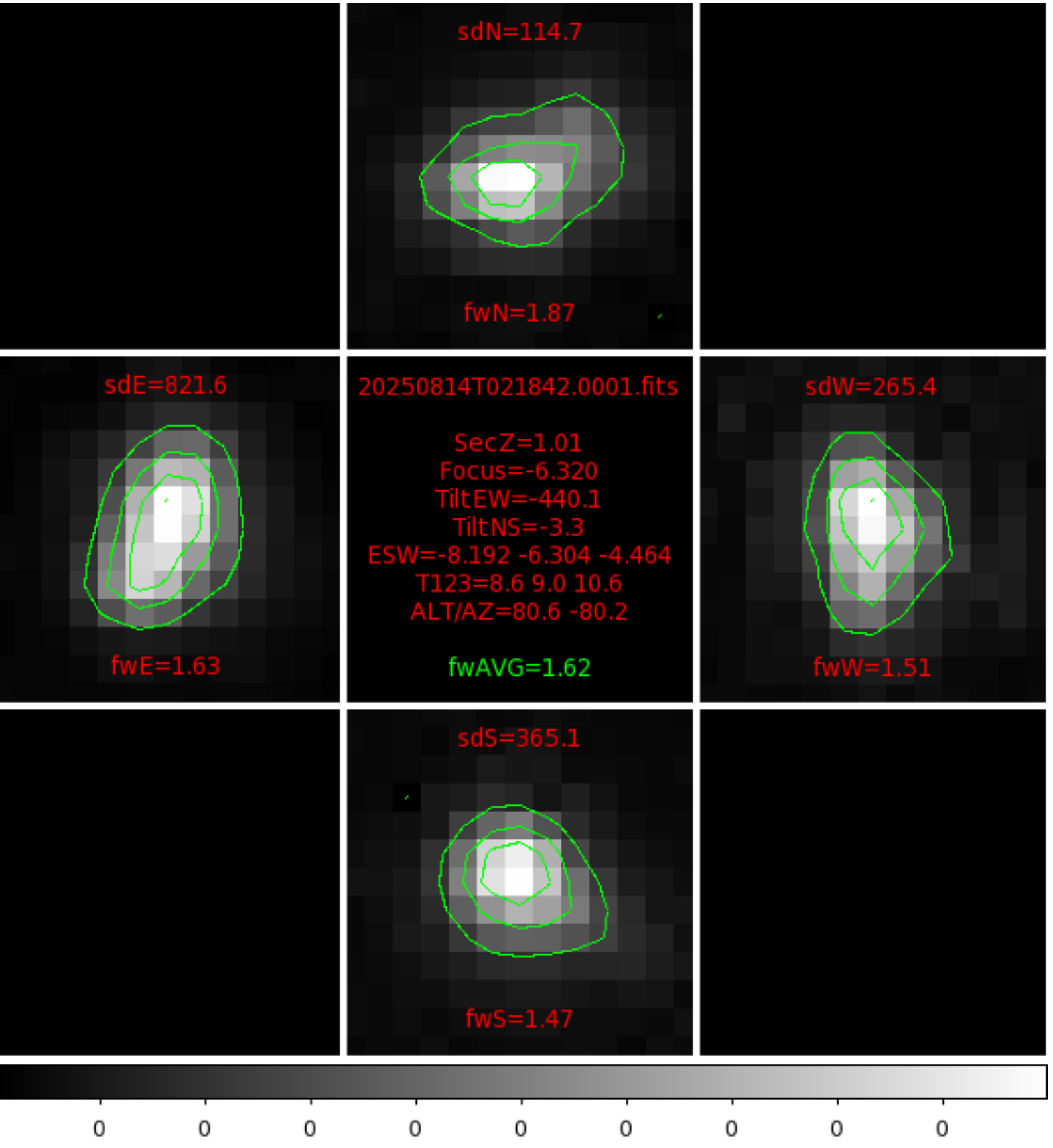
sdN=114.7
fwN=1.87
sdE=821.6
fwE=1.63
20250814T021842.0001.fits
SecZ=1.01
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.6 9.0 10.6
ALT/AZ=80.6 -80.2
fwAVG=1.62
sdW=265.4
fwW=1.51
sdS=365.1
fwS=1.47
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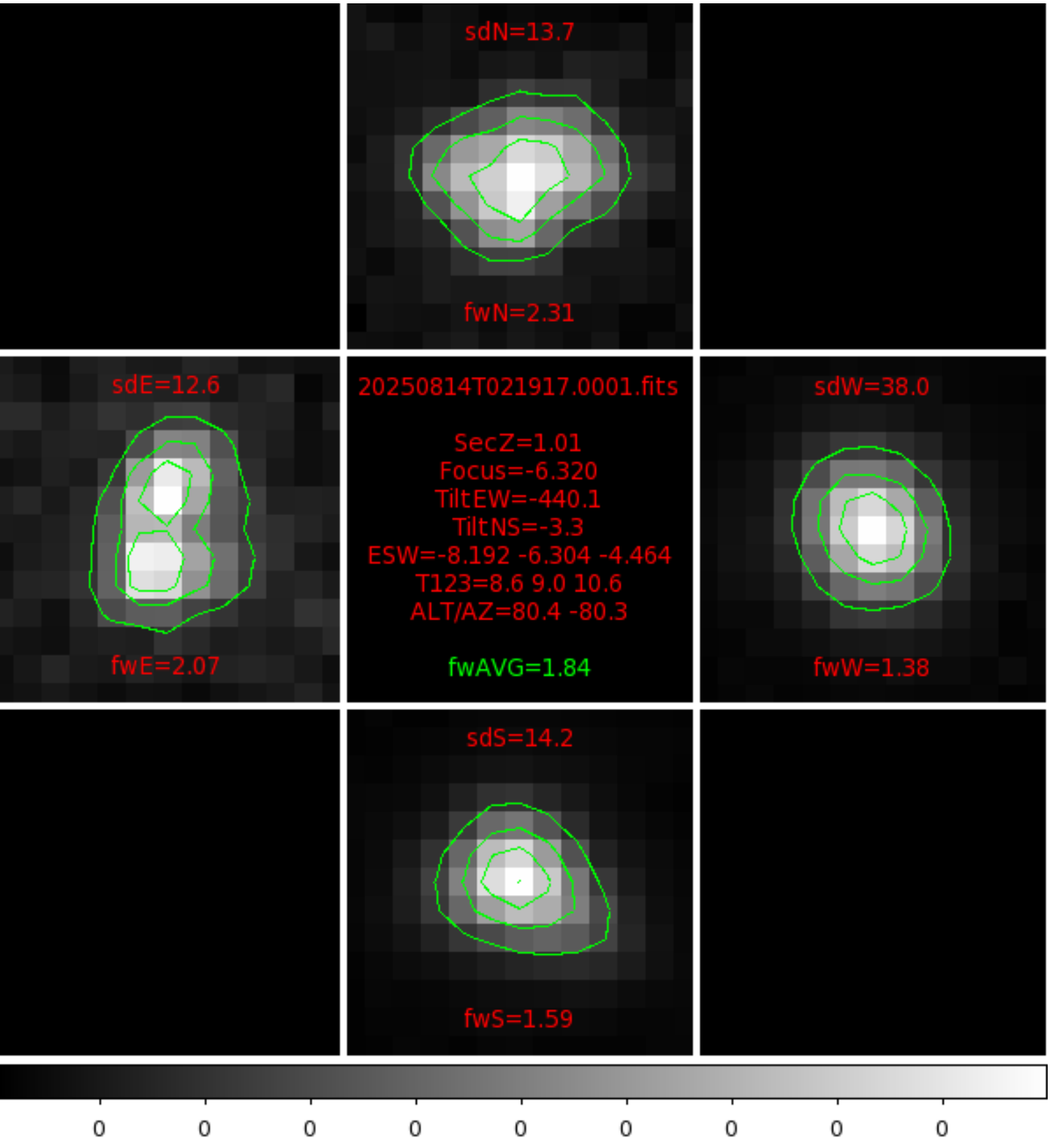
sdN=13.7
fwN=2.31
sdE=12.6
fwE=2.07
20250814T021917.0001.fits
SecZ=1.01
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.6 9.0 10.6
ALT/AZ=80.4 -80.3
fwAVG=1.84
sdW=38.0
fwW=1.38
sdS=14.2
fwS=1.59
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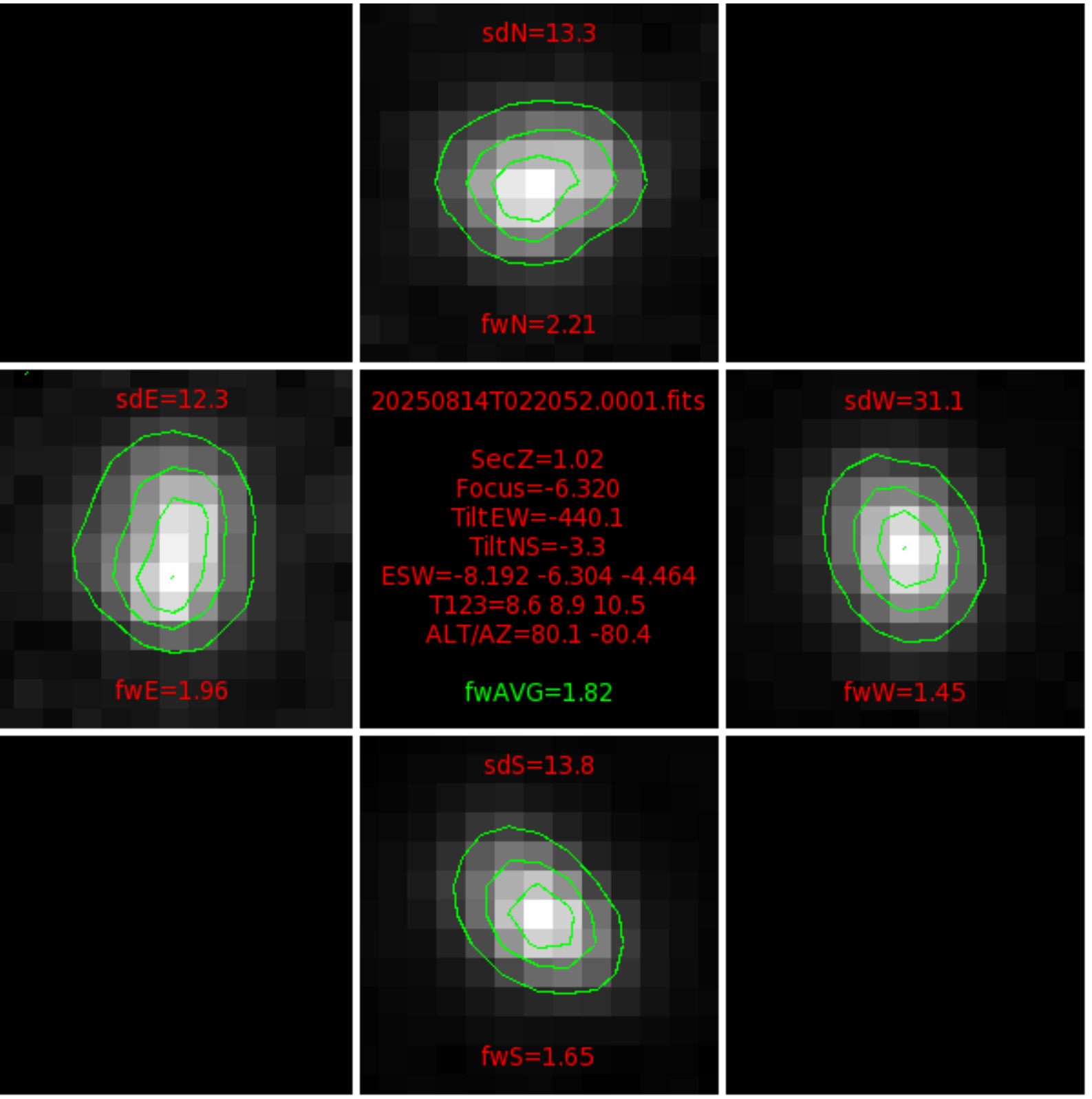
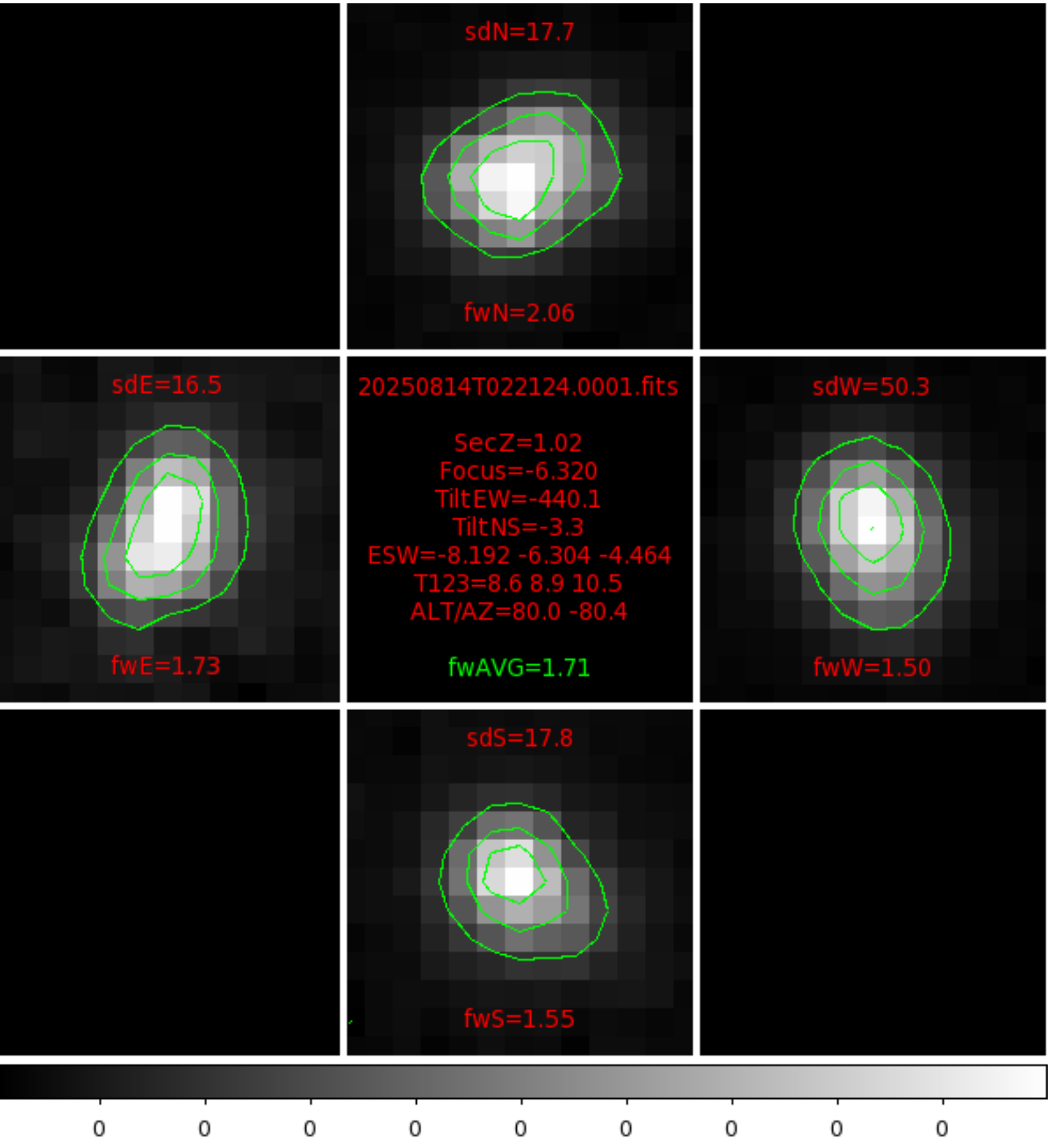
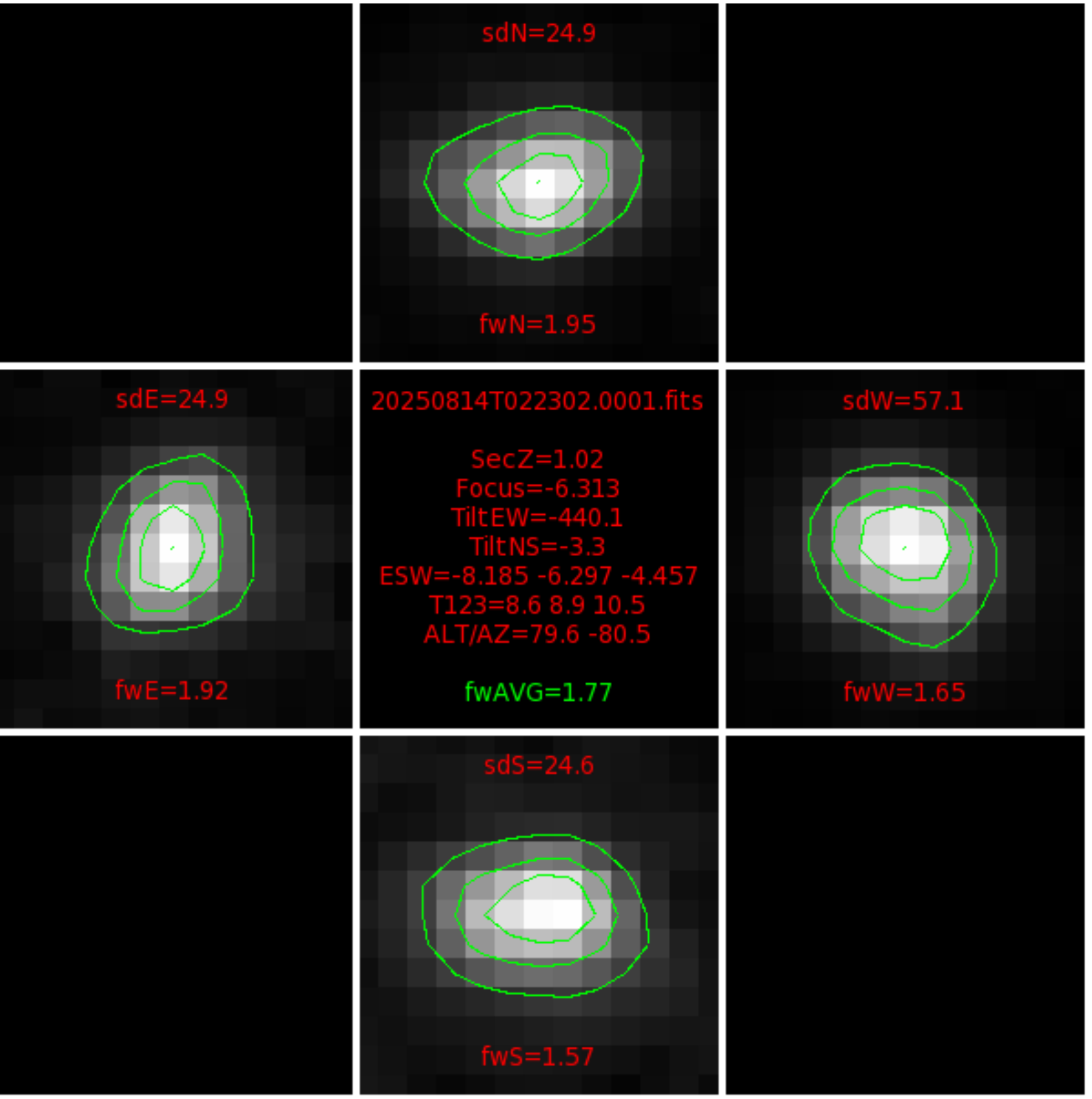
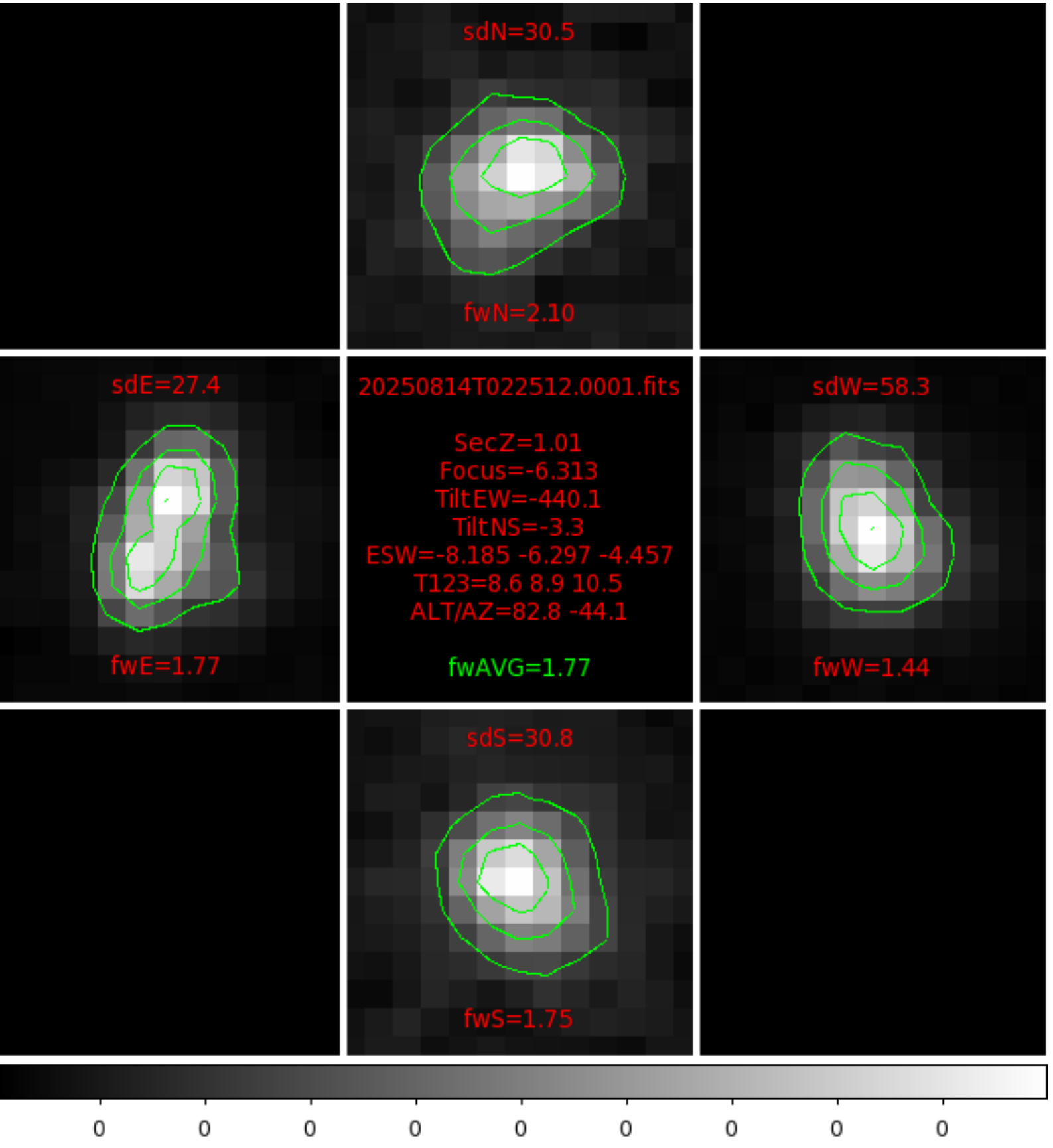

sdN=13.3
fwN=2.21
sdE=12.3
fwE=1.96
20250814T022052.0001.fits
SecZ=1.02
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.6 8.9 10.5
ALT/AZ=80.1 -80.4
fwAVG=1.82
sdW=31.1
fwW=1.45
sdS=13.8
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=17.7
fwN=2.06
sdE=16.5
fwE=1.73
20250814T022124.0001.fits
SecZ=1.02
Focus=-6.320
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.192 -6.304 -4.464
T123=8.6 8.9 10.5
ALT/AZ=80.0 -80.4
fwAVG=1.71
sdW=50.3
fwW=1.50
sdS=17.8
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=24.9
fwN=1.95
sdE=24.9
fwE=1.92
20250814T022302.0001.fits
SecZ=1.02
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.9 10.5
ALT/AZ=79.6 -80.5
fwAVG=1.77
sdW=57.1
fwW=1.65
sdS=24.6
fwS=1.57
0 0 0 0 0 0 0 0 0


sdN=30.5
fwN=2.10
sdE=27.4
fwE=1.77
20250814T022512.0001.fits
SecZ=1.01
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.9 10.5
ALT/AZ=82.8 -44.1
fwAVG=1.77
sdW=58.3
fwW=1.44
sdS=30.8
fwS=1.75
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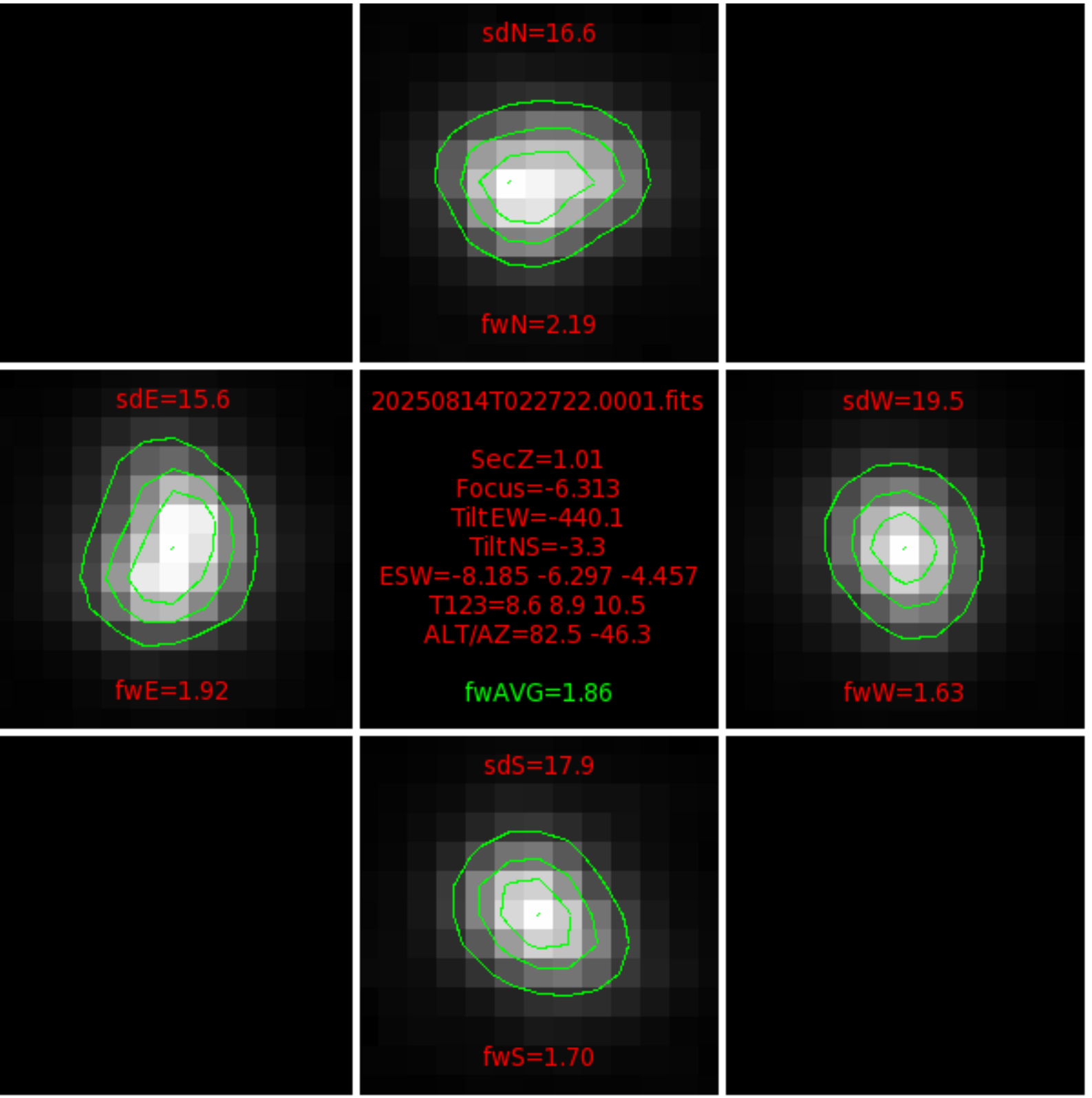
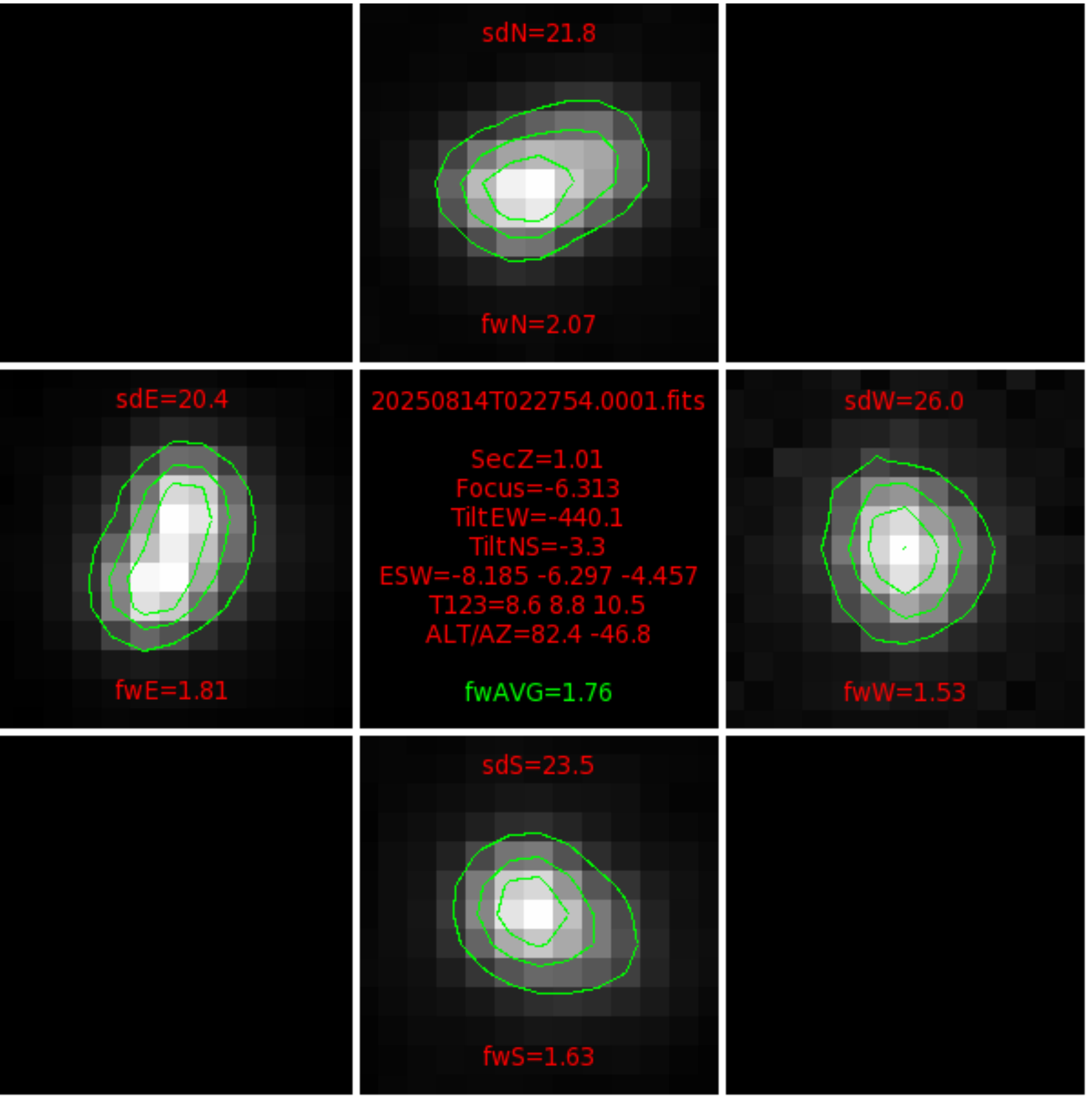
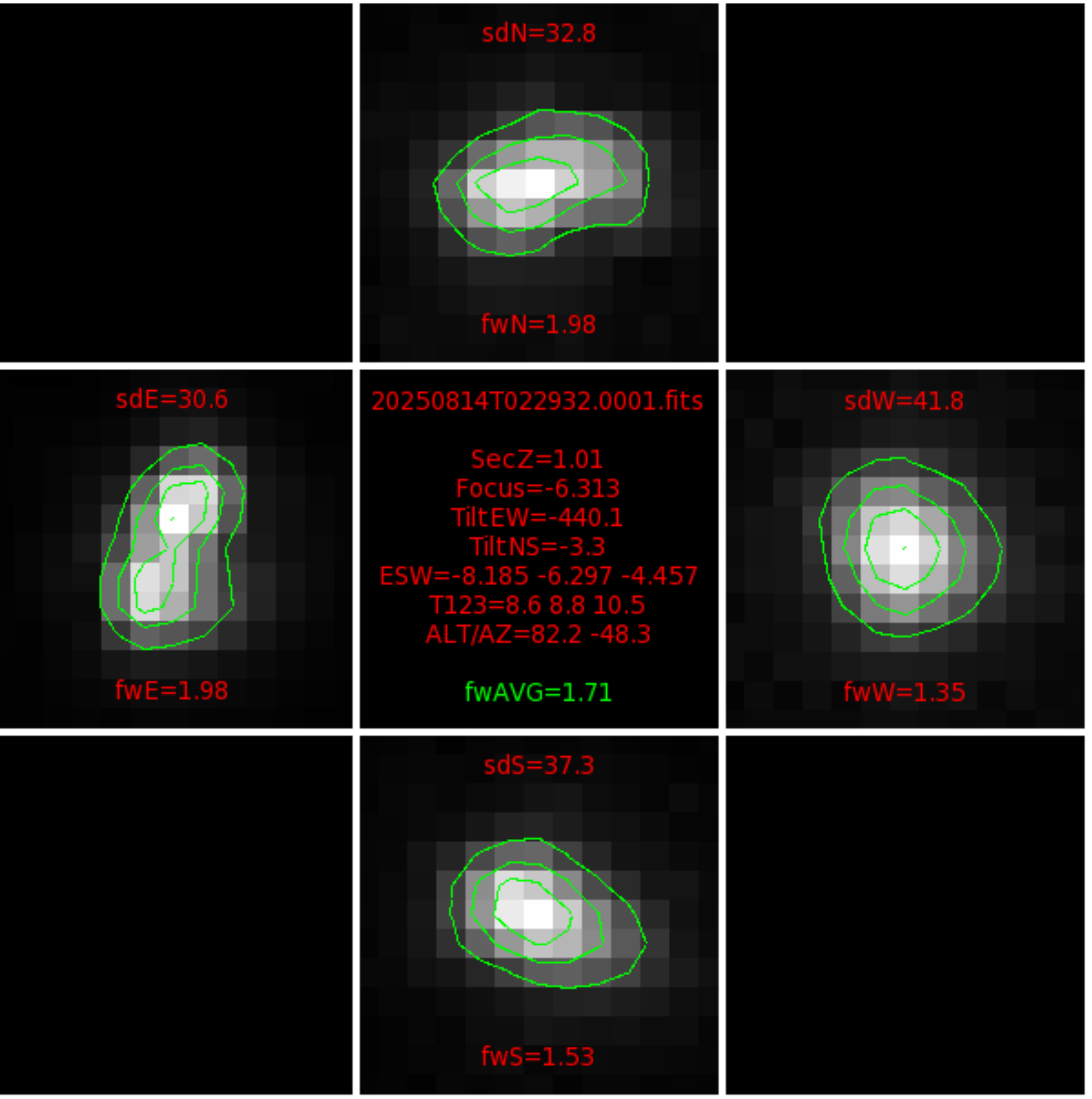

sdN=16.6
fwN=2.19
sdE=15.6
fwE=1.92
20250814T022722.0001.fits
SecZ=1.01
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.9 10.5
ALT/AZ=82.5 -46.3
fwAVG=1.86
sdW=19.5
fwW=1.63
sdS=17.9
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=21.8
fwN=2.07
sdE=20.4
fwE=1.81
20250814T022754.0001.fits
SecZ=1.01
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.8 10.5
ALT/AZ=82.4 -46.8
fwAVG=1.76
sdW=26.0
fwW=1.53
sdS=23.5
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=32.8
fwN=1.98
sdE=30.6
fwE=1.98
20250814T022932.0001.fits
SecZ=1.01
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.8 10.5
ALT/AZ=82.2 -48.3
fwAVG=1.71
sdW=41.8
fwW=1.35
sdS=37.3
fwS=1.53
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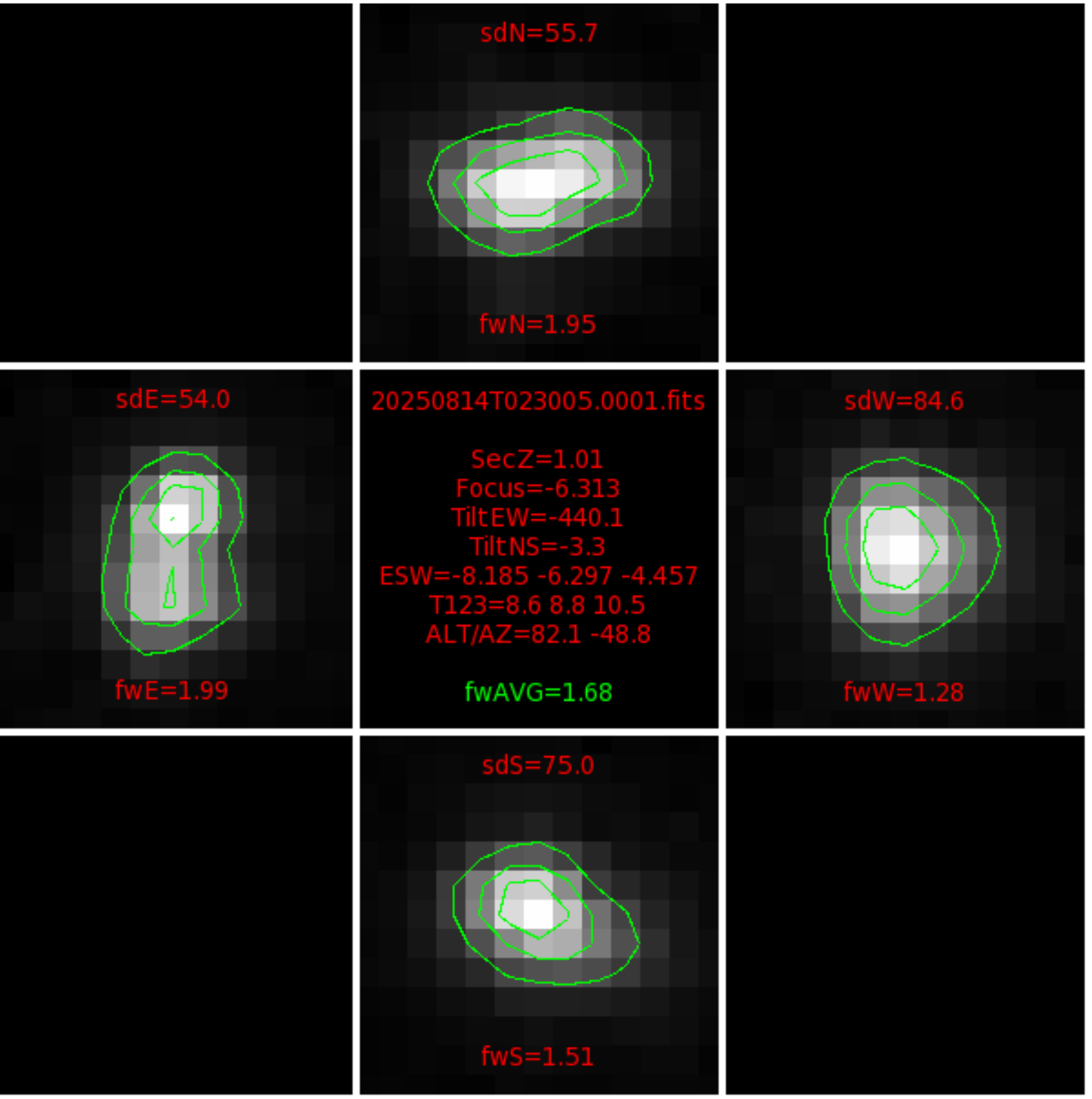
sdN=55.7
fwN=1.95
sdE=54.0
fwE=1.99
20250814T023005.0001.fits
SecZ=1.01
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.8 10.5
ALT/AZ=82.1 -48.8
fwAVG=1.68
sdW=84.6
fwW=1.28
sdS=75.0
fwS=1.51
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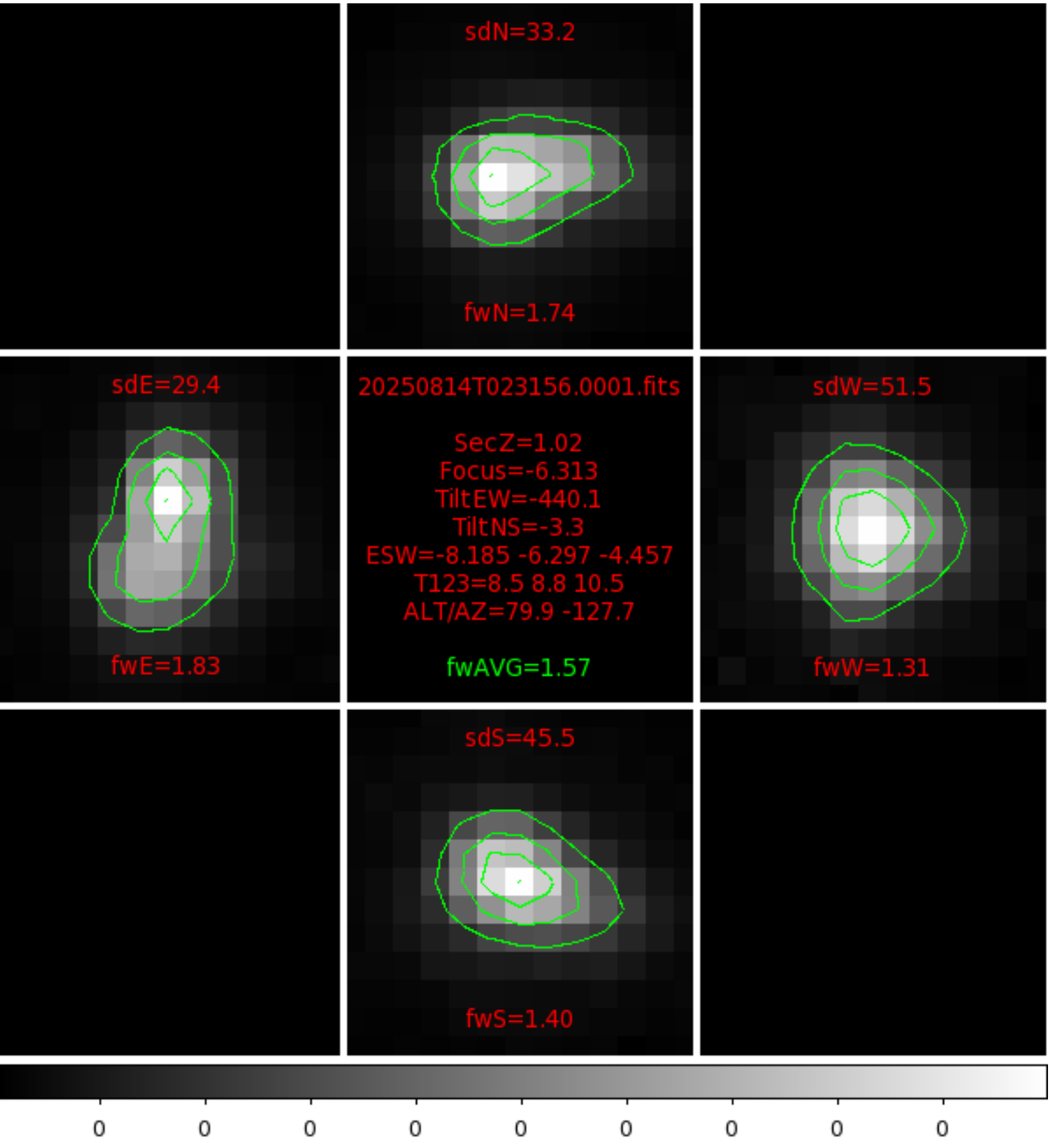
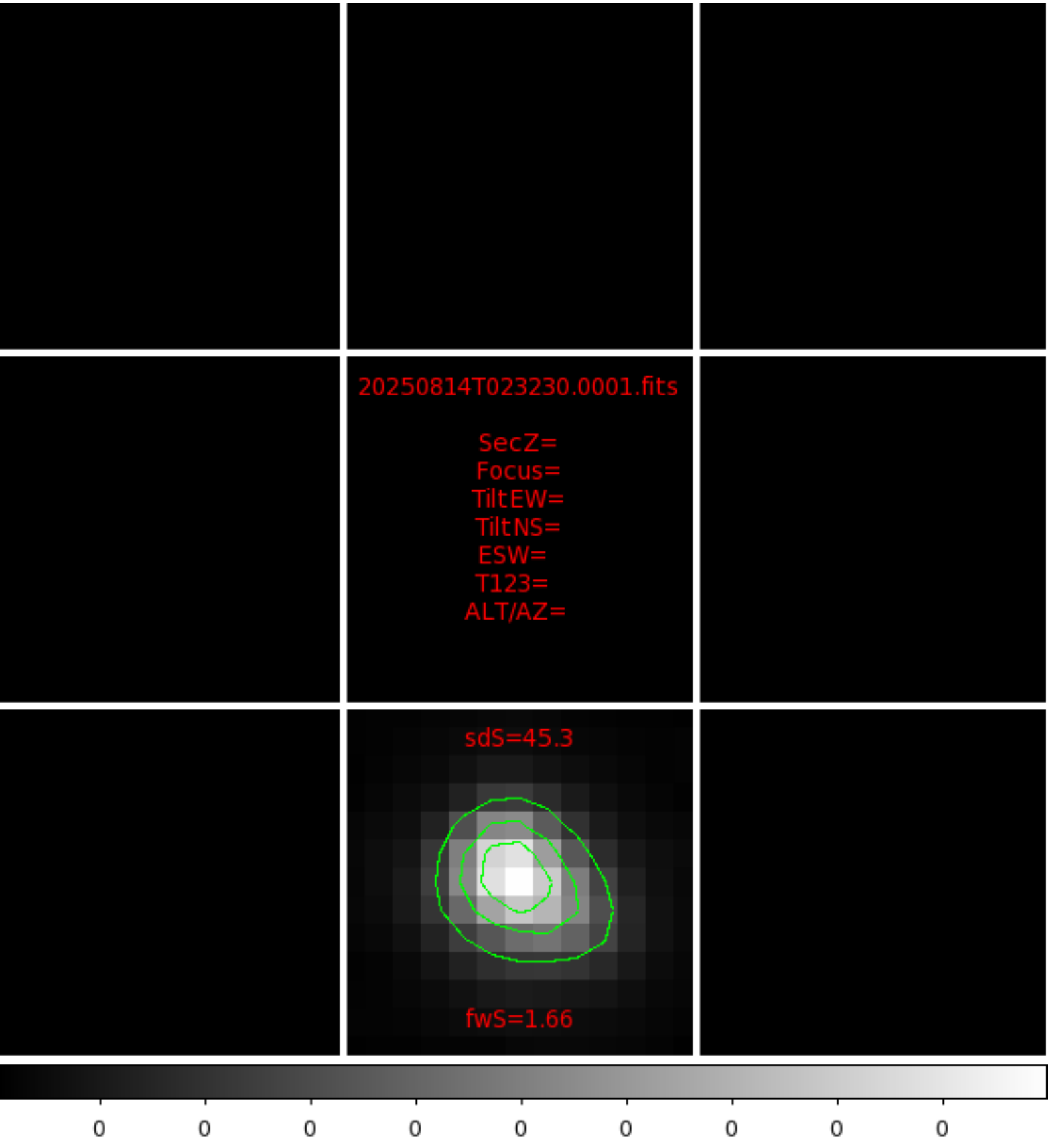
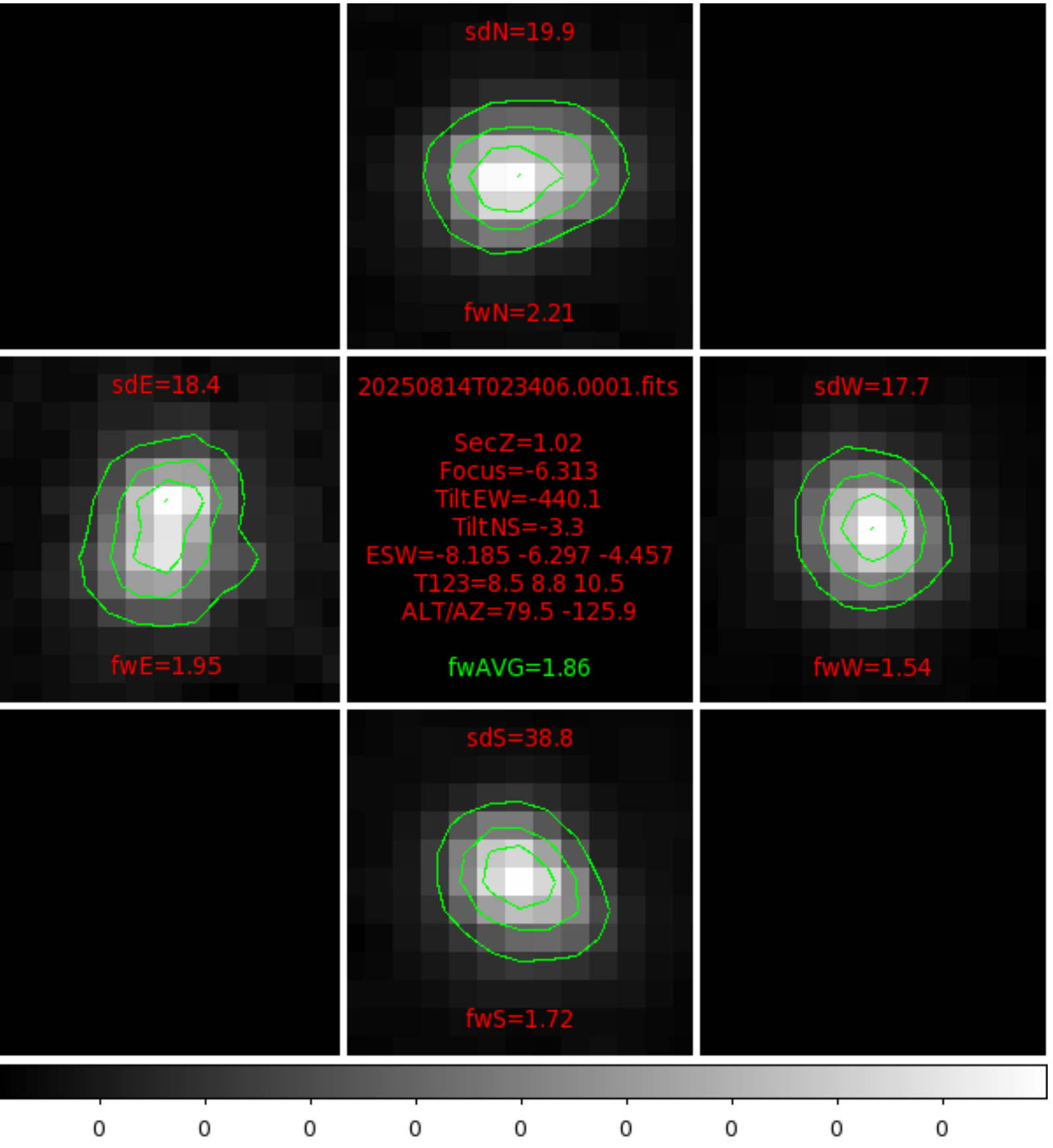

sdN=33.2
fwN=1.74
sdE=29.4
fwE=1.83
20250814T023156.0001.fits
SecZ=1.02
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.5 8.8 10.5
ALT/AZ=79.9 -127.7
fwAVG=1.57
sdW=51.5
fwW=1.31
sdS=45.5
fwS=1.40
0 0 0 0 0 0 0 0 0


20250814T023230.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=45.3
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=19.9
fwN=2.21
sdE=18.4
fwE=1.95
20250814T023406.0001.fits
SecZ=1.02
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.5 8.8 10.5
ALT/AZ=79.5 -125.9
fwAVG=1.86
sdW=17.7
fwW=1.54
sdS=38.8
fwS=1.72
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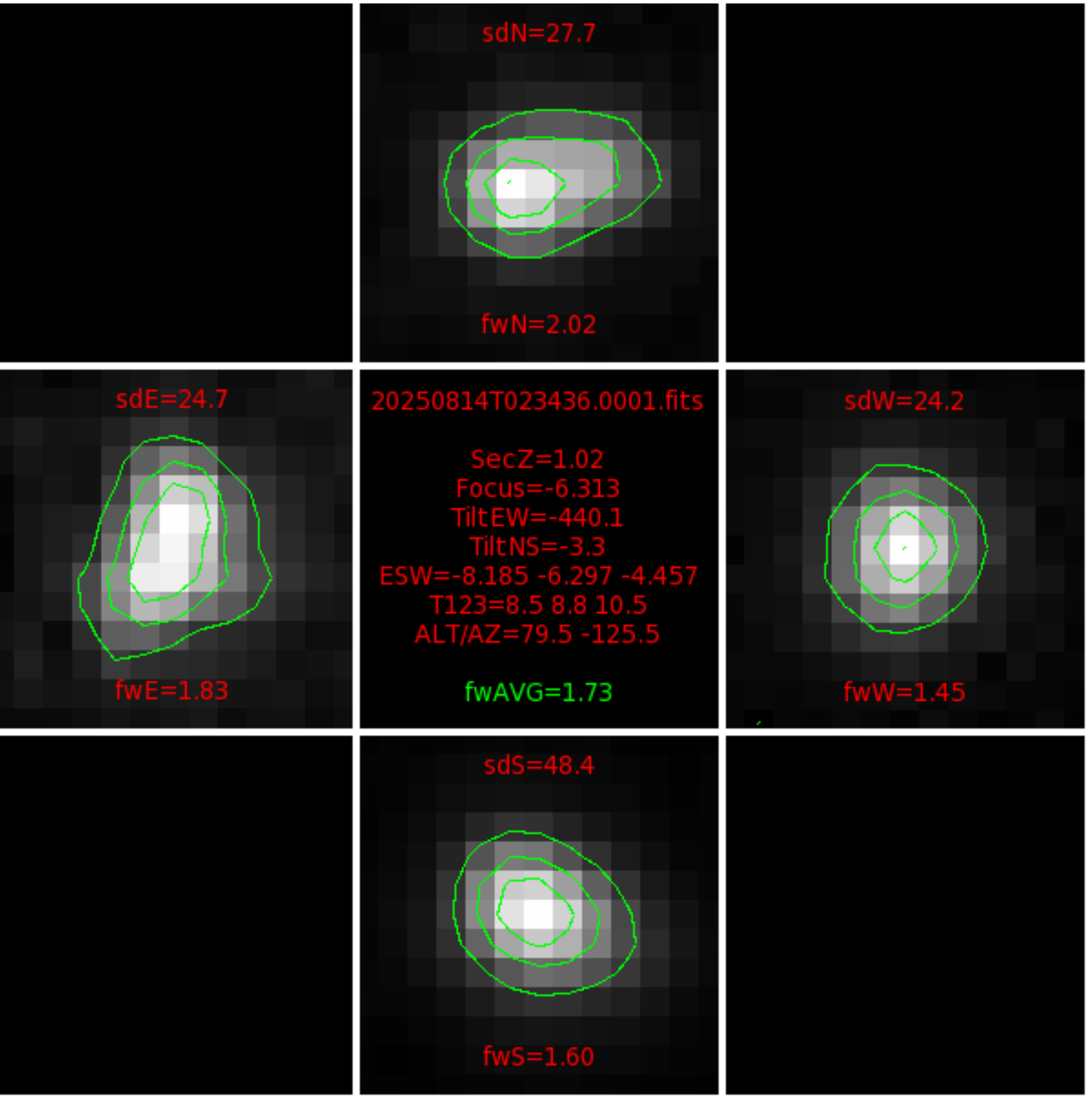
sdN=27.7
fwN=2.02
sdE=24.7
fwE=1.83
20250814T023436.0001.fits
SecZ=1.02
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.5 8.8 10.5
ALT/AZ=79.5 -125.5
fwAVG=1.73
sdW=24.2
fwW=1.45
sdS=48.4
fwS=1.60
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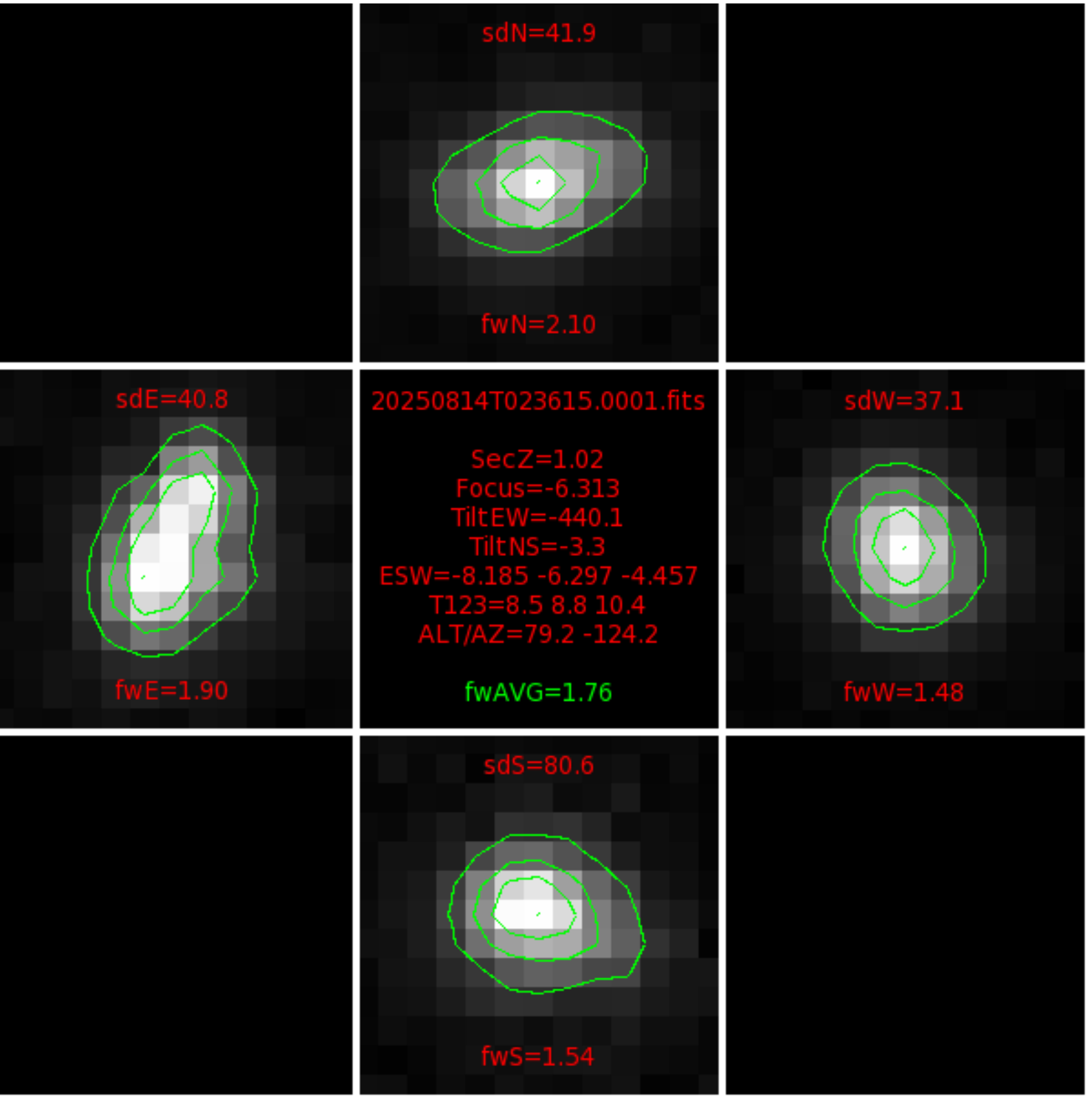
sdN=41.9
fwN=2.10
sdE=40.8
fwE=1.90
20250814T023615.0001.fits
SecZ=1.02
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.5 8.8 10.4
ALT/AZ=79.2 -124.2
fwAVG=1.76
sdW=37.1
fwW=1.48
sdS=80.6
fwS=1.54
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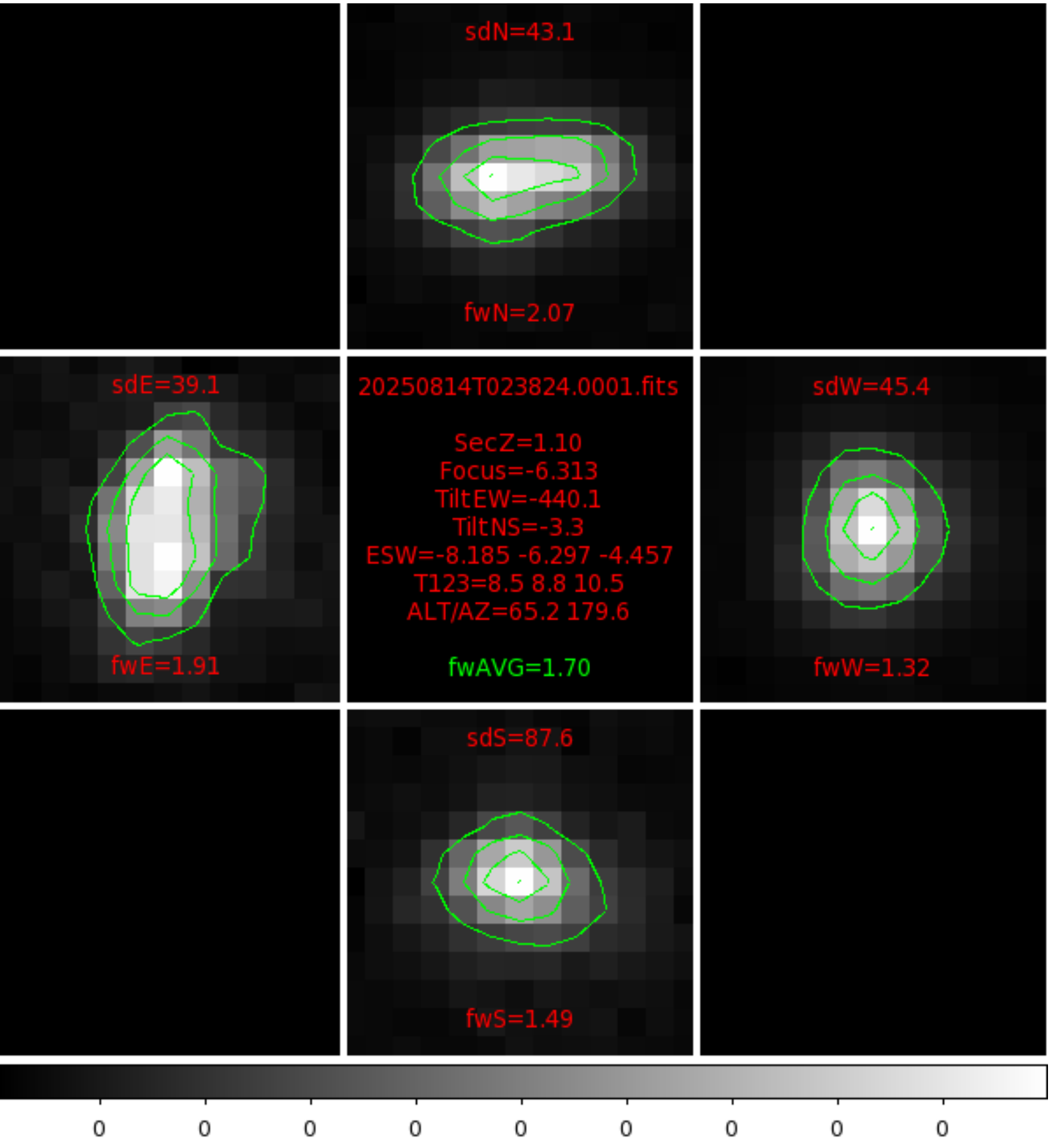
sdN=43.1
fwN=2.07
sdE=39.1
fwE=1.91
20250814T023824.0001.fits
SecZ=1.10
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.5 8.8 10.5
ALT/AZ=65.2 179.6
fwAVG=1.70
sdW=45.4
fwW=1.32
sdS=87.6
fwS=1.49
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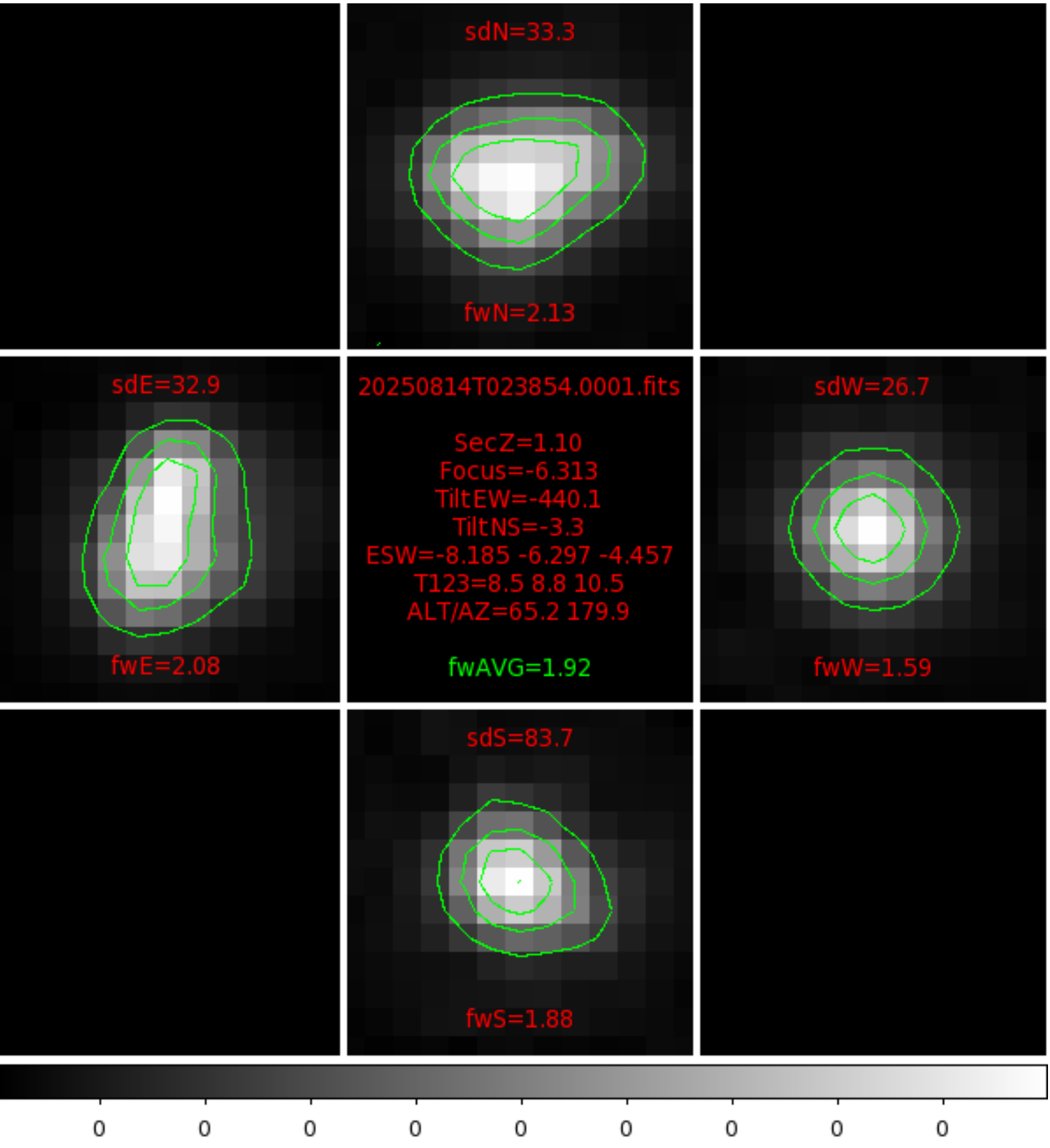
sdN=33.3
fwN=2.13
sdE=32.9
fwE=2.08
20250814T023854.0001.fits
SecZ=1.10
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.5 8.8 10.5
ALT/AZ=65.2 179.9
fwAVG=1.92
sdW=26.7
fwW=1.59
sdS=83.7
fwS=1.88
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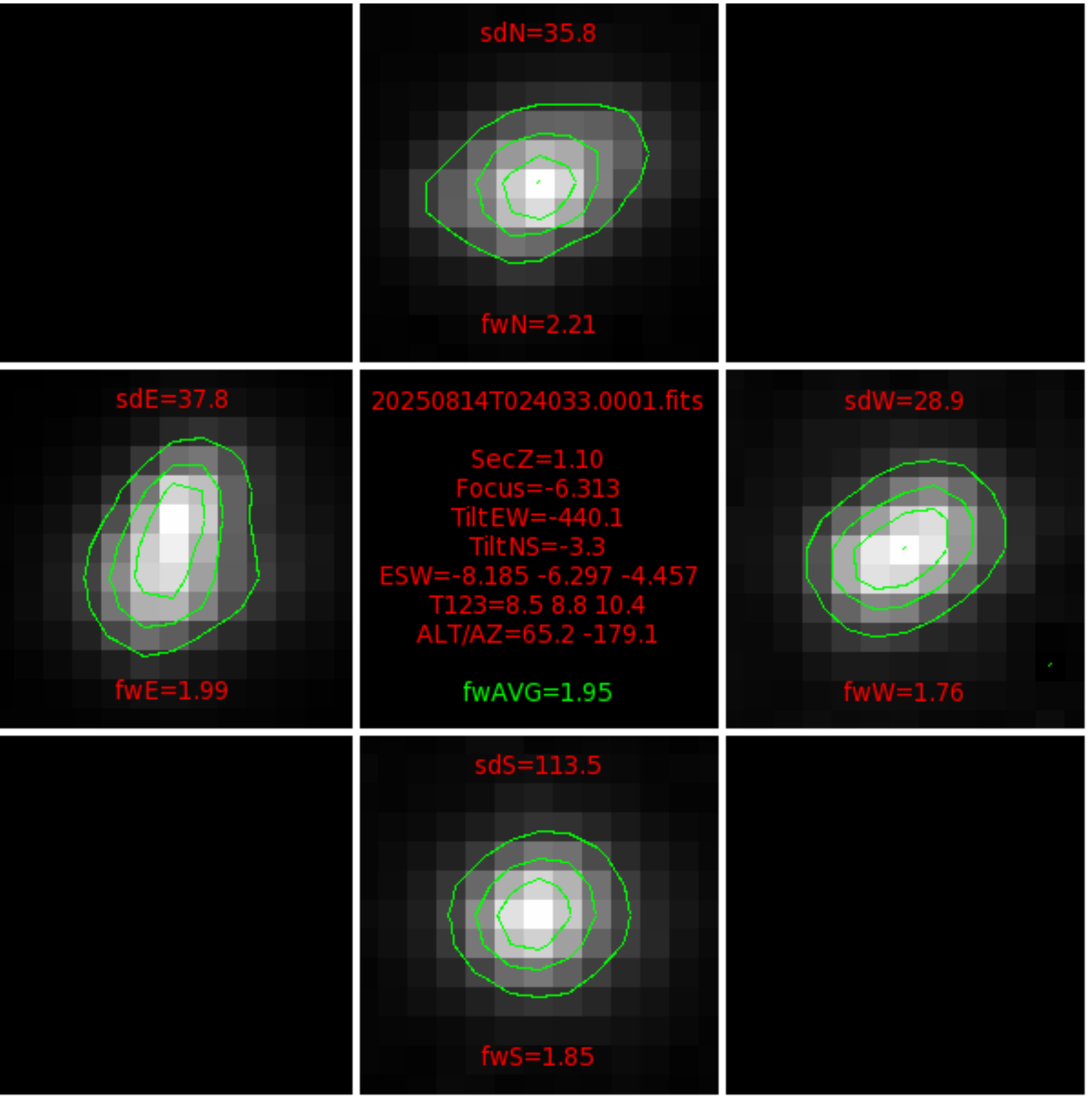
sdN=35.8
fwN=2.21
sdE=37.8
fwE=1.99
20250814T024033.0001.fits
SecZ=1.10
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.5 8.8 10.4
ALT/AZ=65.2 -179.1
fwAVG=1.95
sdW=28.9
fwW=1.76
sdS=113.5
fwS=1.85
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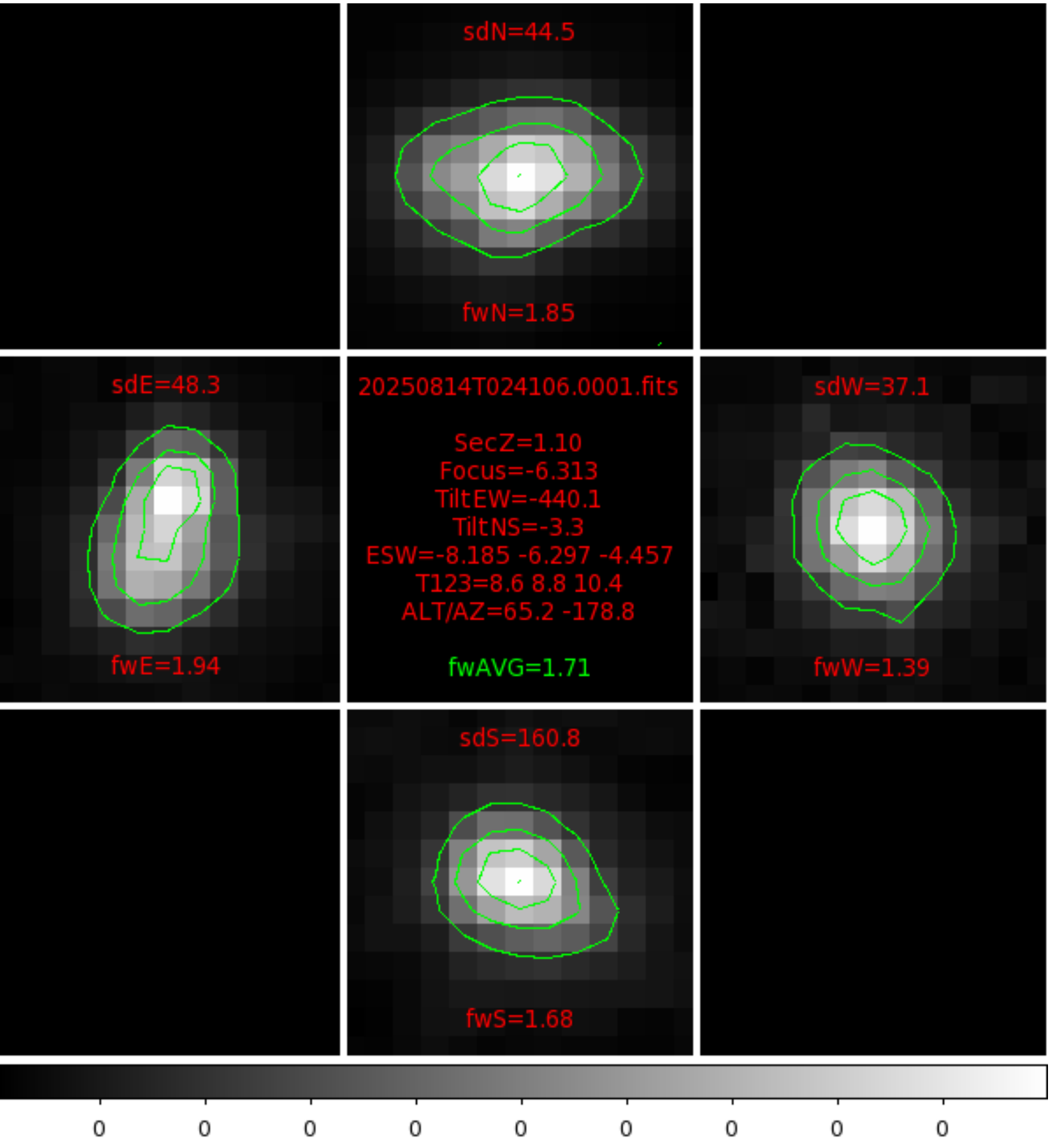
sdN=44.5
fwN=1.85
sdE=48.3
fwE=1.94
20250814T024106.0001.fits
SecZ=1.10
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.8 10.4
ALT/AZ=65.2 -178.8
fwAVG=1.71
sdW=37.1
fwW=1.39
sdS=160.8
fwS=1.68
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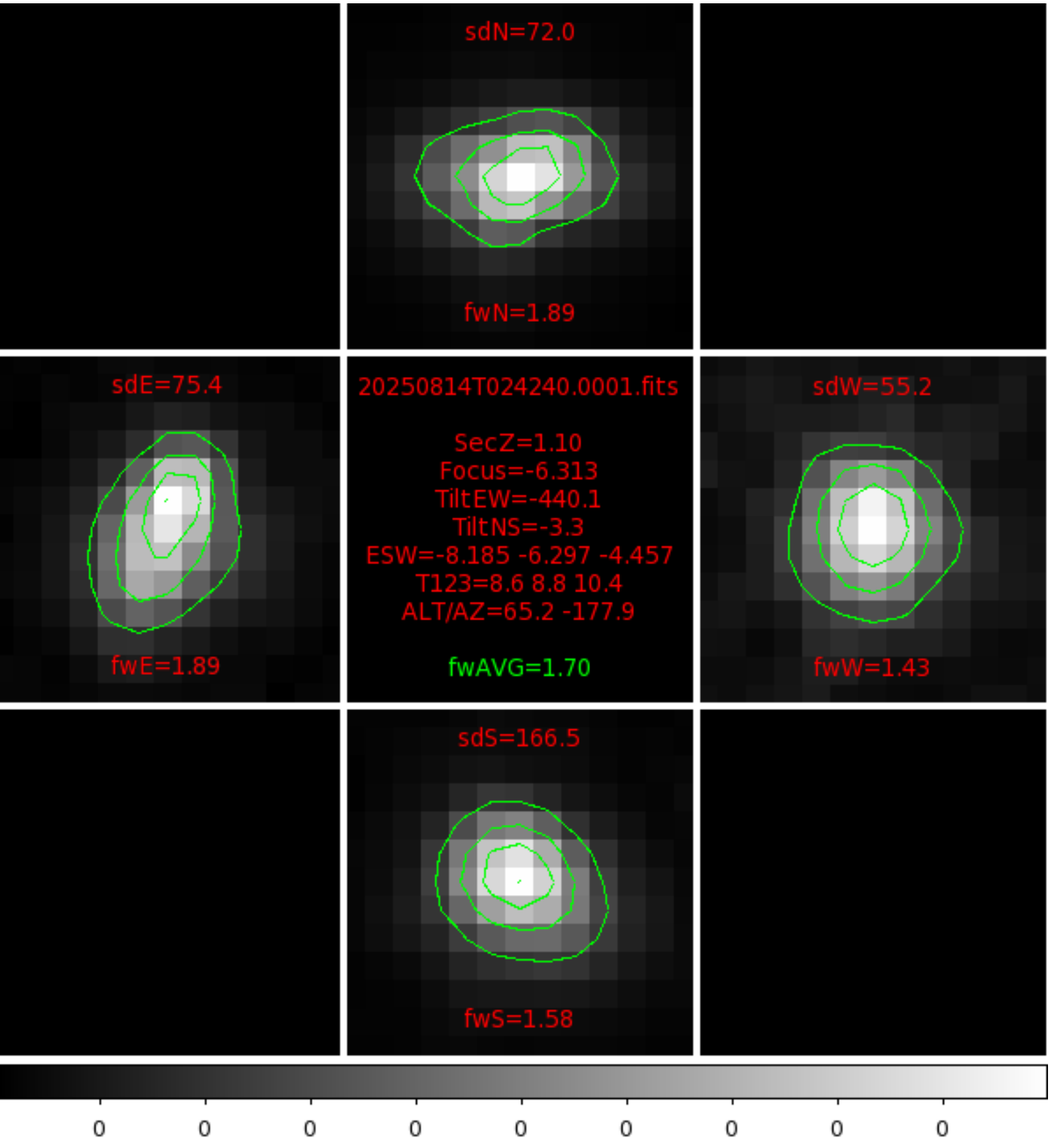
sdN=72.0
fwN=1.89
sdE=75.4
fwE=1.89
20250814T024240.0001.fits
SecZ=1.10
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.8 10.4
ALT/AZ=65.2 -177.9
fwAVG=1.70
sdW=55.2
fwW=1.43
sdS=166.5
fwS=1.58
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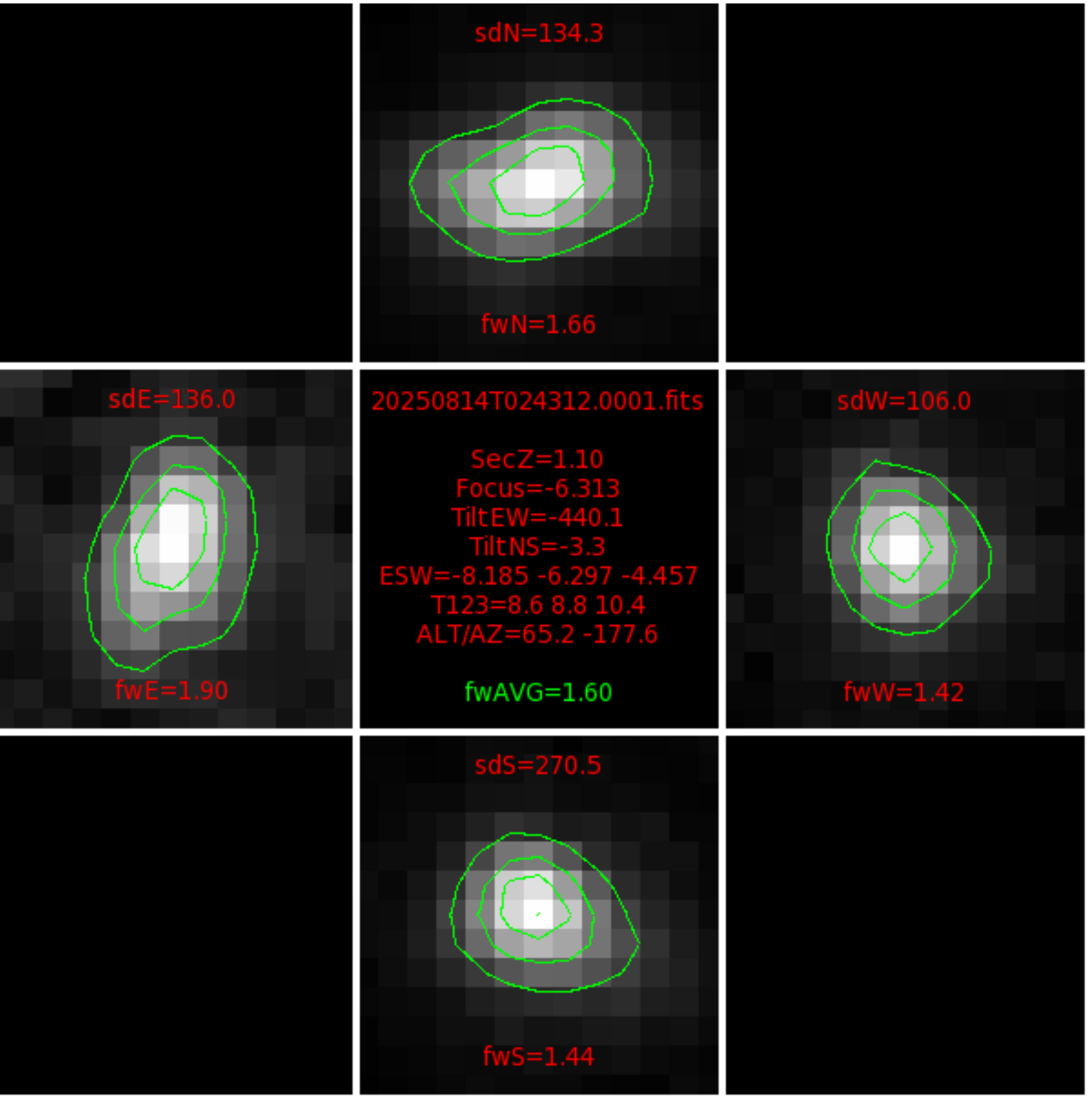
sdN=134.3
fwN=1.66
sdE=136.0
fwE=1.90
20250814T024312.0001.fits
SecZ=1.10
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.8 10.4
ALT/AZ=65.2 -177.6
fwAVG=1.60
sdW=106.0
fwW=1.42
sdS=270.5
fwS=1.44
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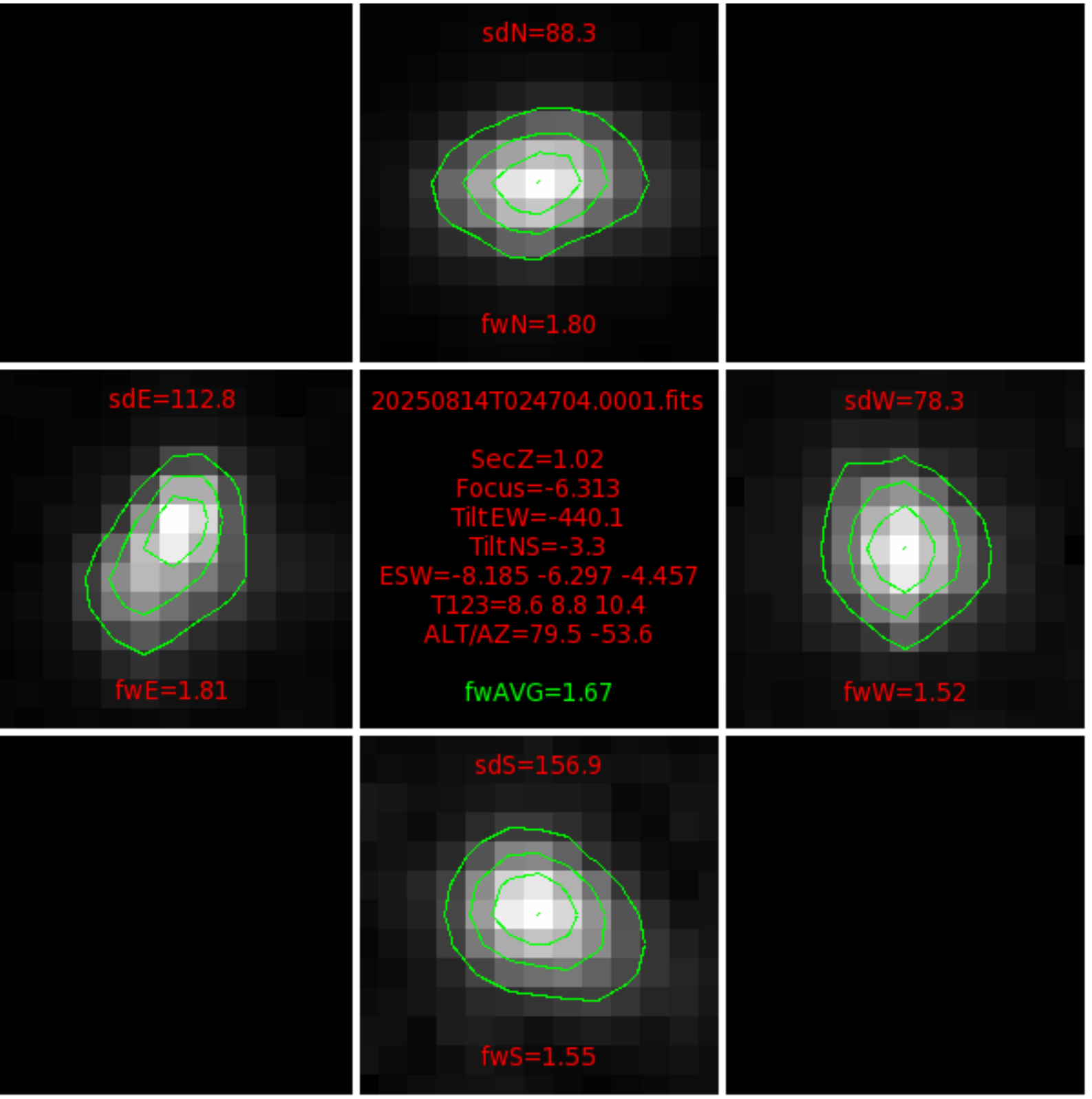
sdN=88.3
fwN=1.80
sdE=112.8
fwE=1.81
20250814T024704.0001.fits
SecZ=1.02
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.8 10.4
ALT/AZ=79.5 -53.6
fwAVG=1.67
sdW=78.3
fwW=1.52
sdS=156.9
fwS=1.55
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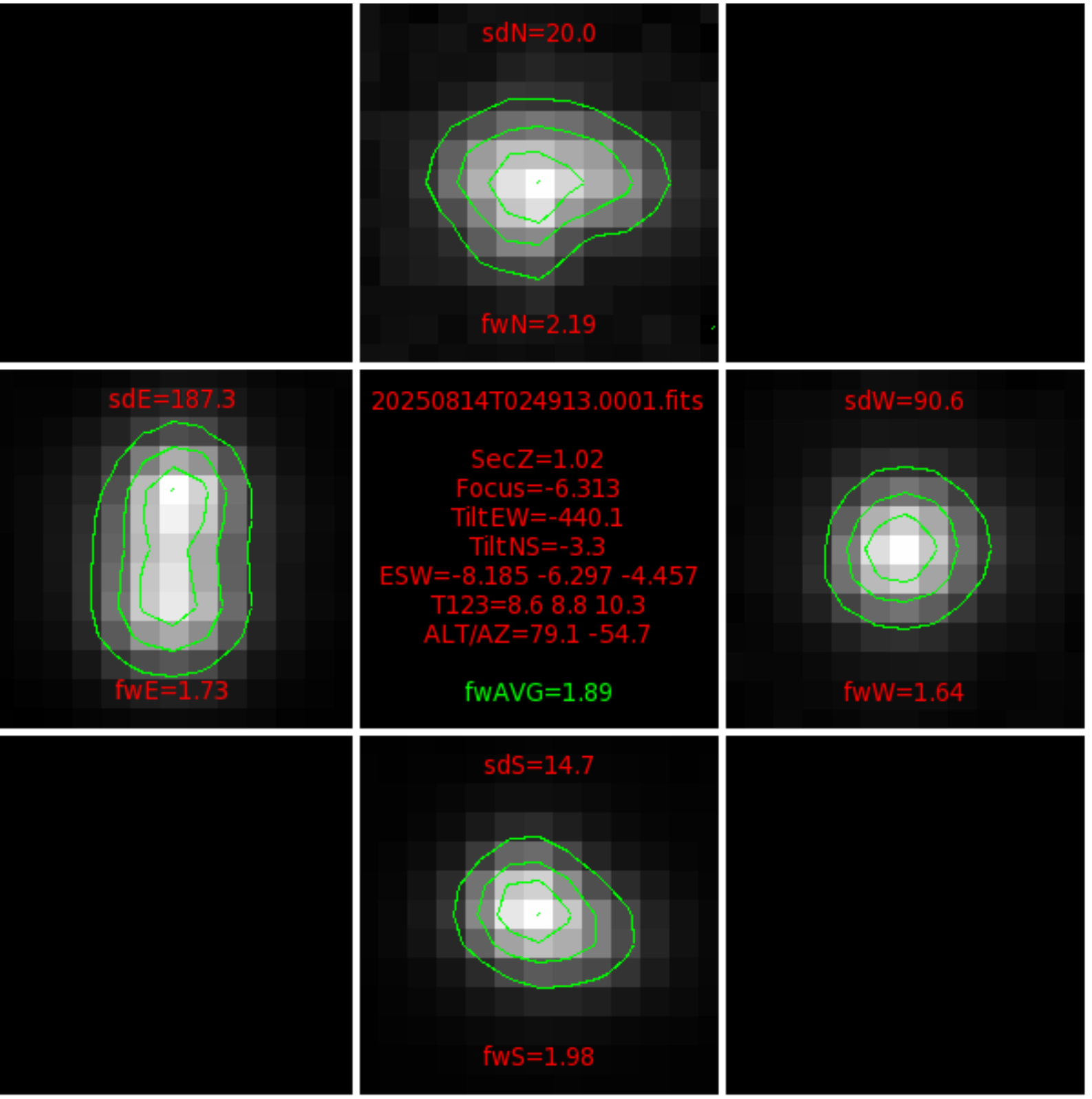
sdN=20.0
fwN=2.19
sdE=187.3
fwE=1.73
20250814T024913.0001.fits
SecZ=1.02
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.8 10.3
ALT/AZ=79.1 -54.7
fwAVG=1.89
sdW=90.6
fwW=1.64
sdS=14.7
fwS=1.98
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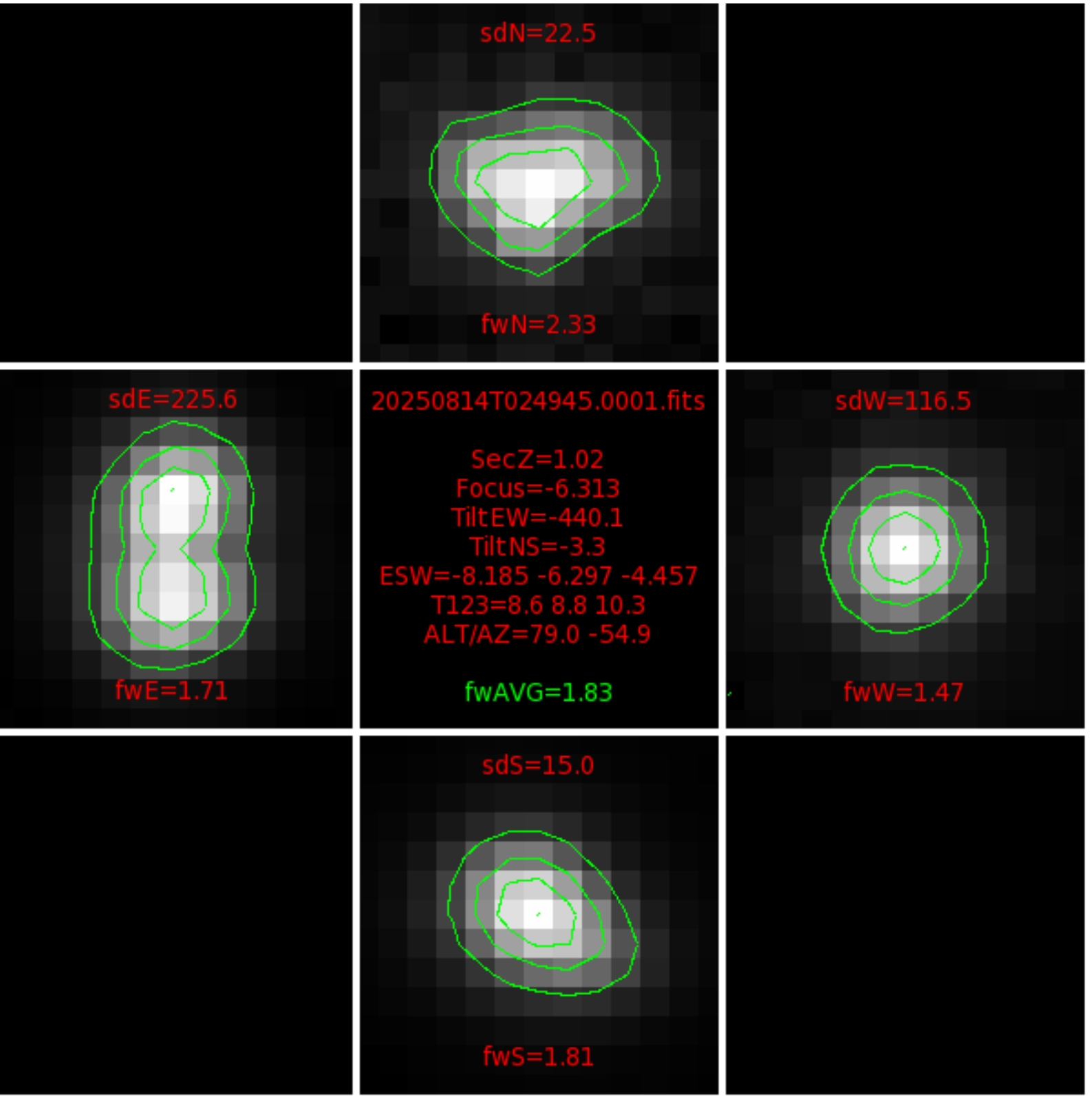
sdN=22.5
fwN=2.33
sdE=225.6
fwE=1.71
20250814T024945.0001.fits
SecZ=1.02
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.8 10.3
ALT/AZ=79.0 -54.9
fwAVG=1.83
sdW=116.5
fwW=1.47
sdS=15.0
fwS=1.81
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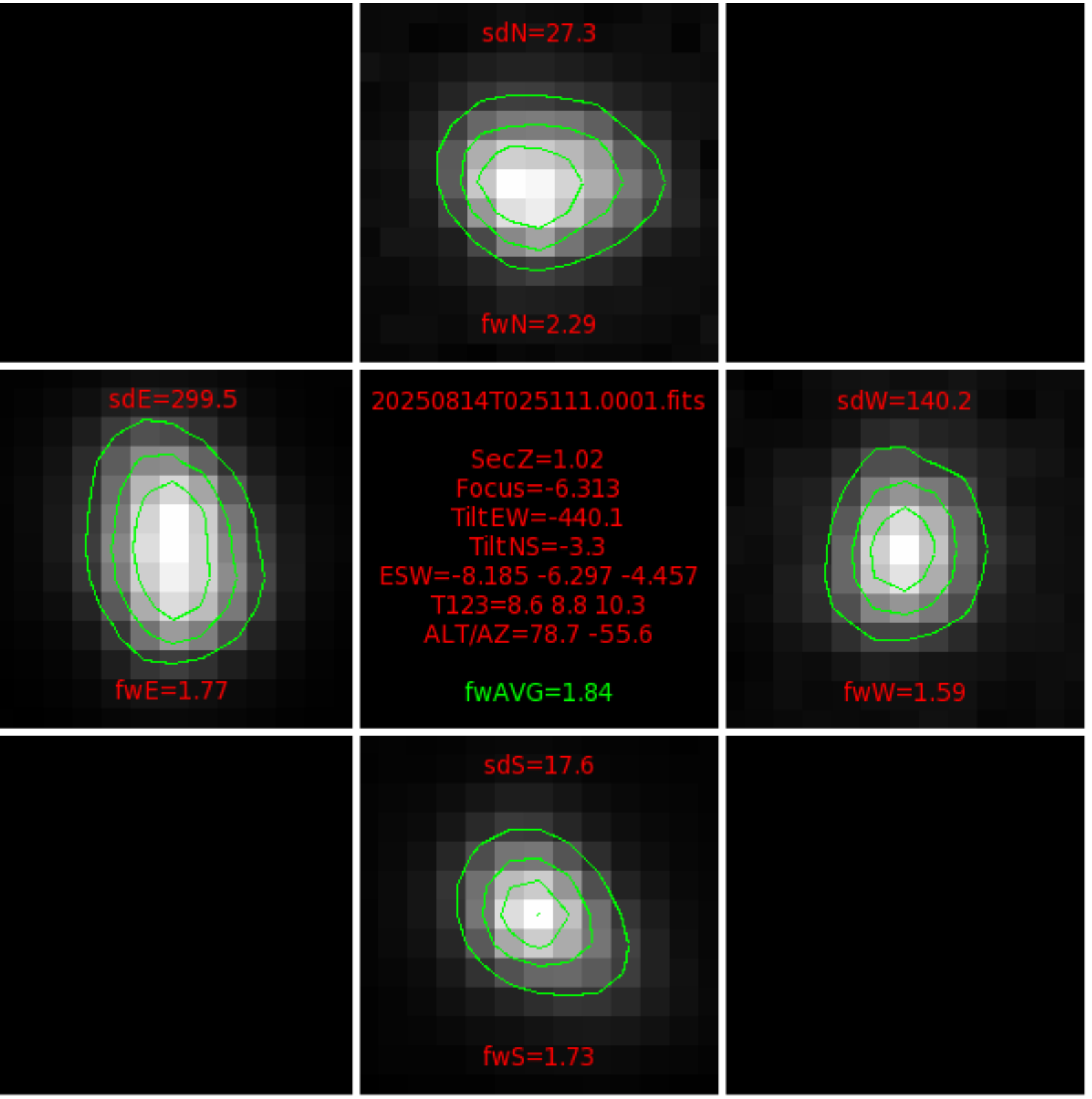
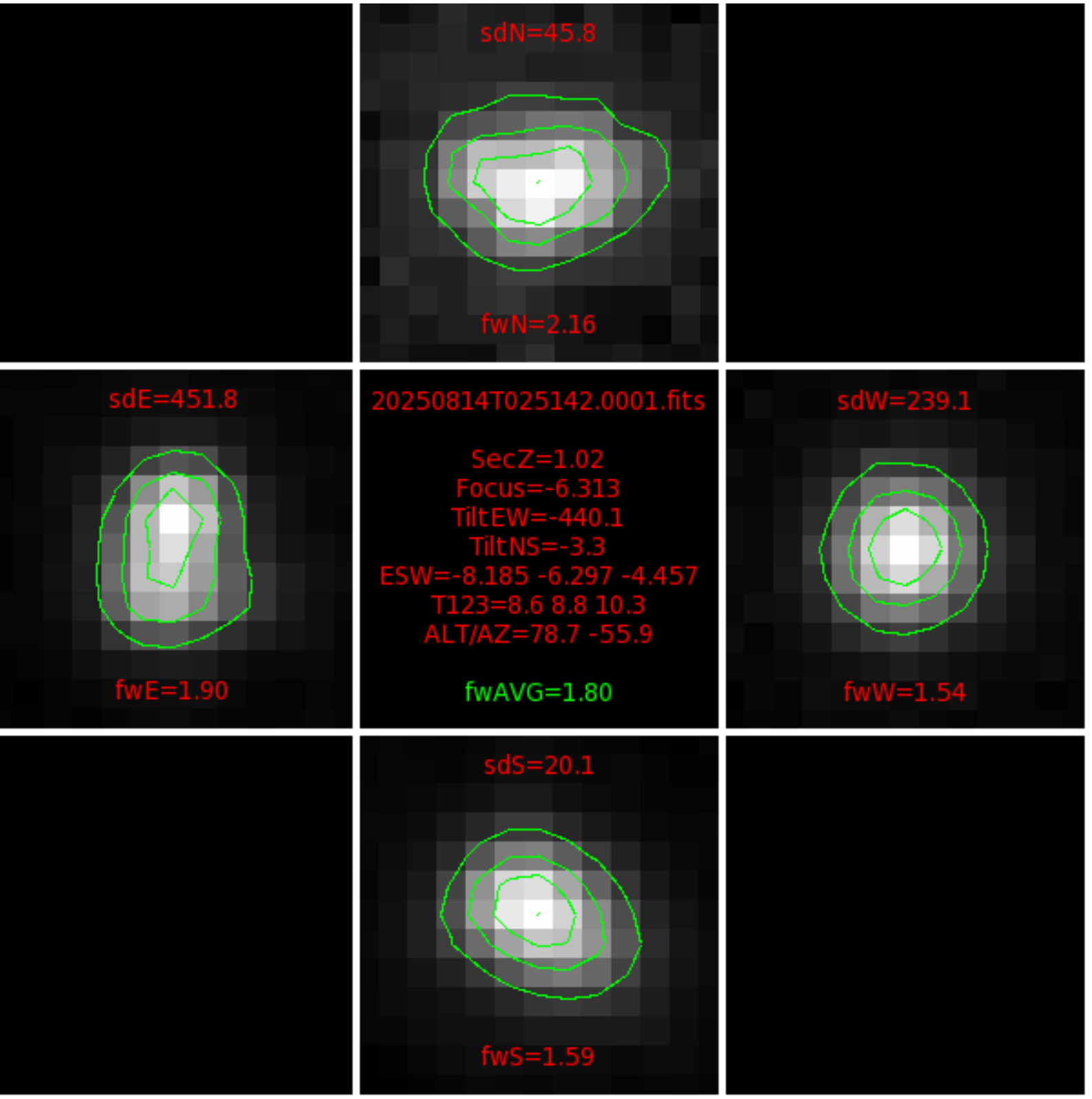
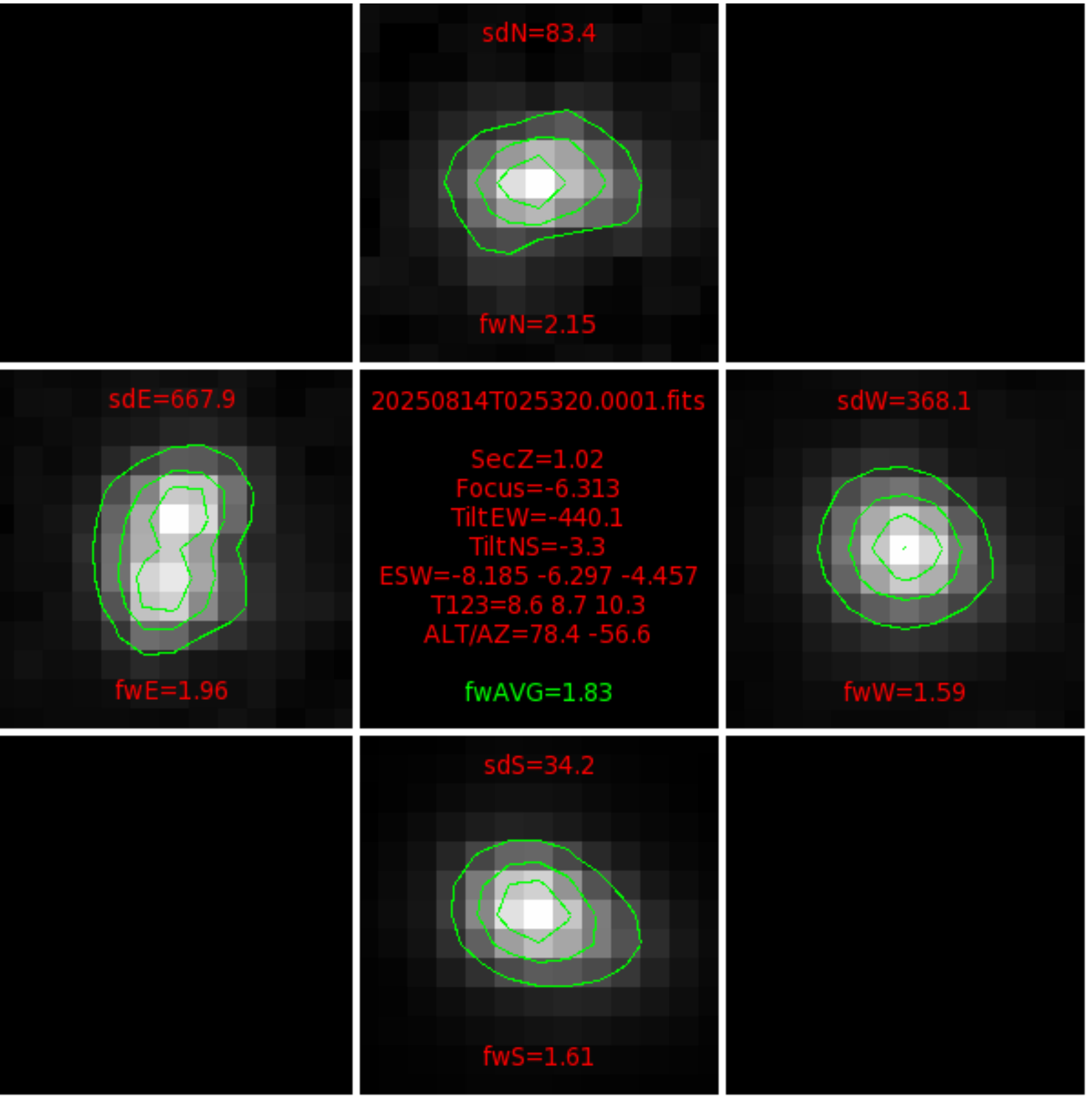
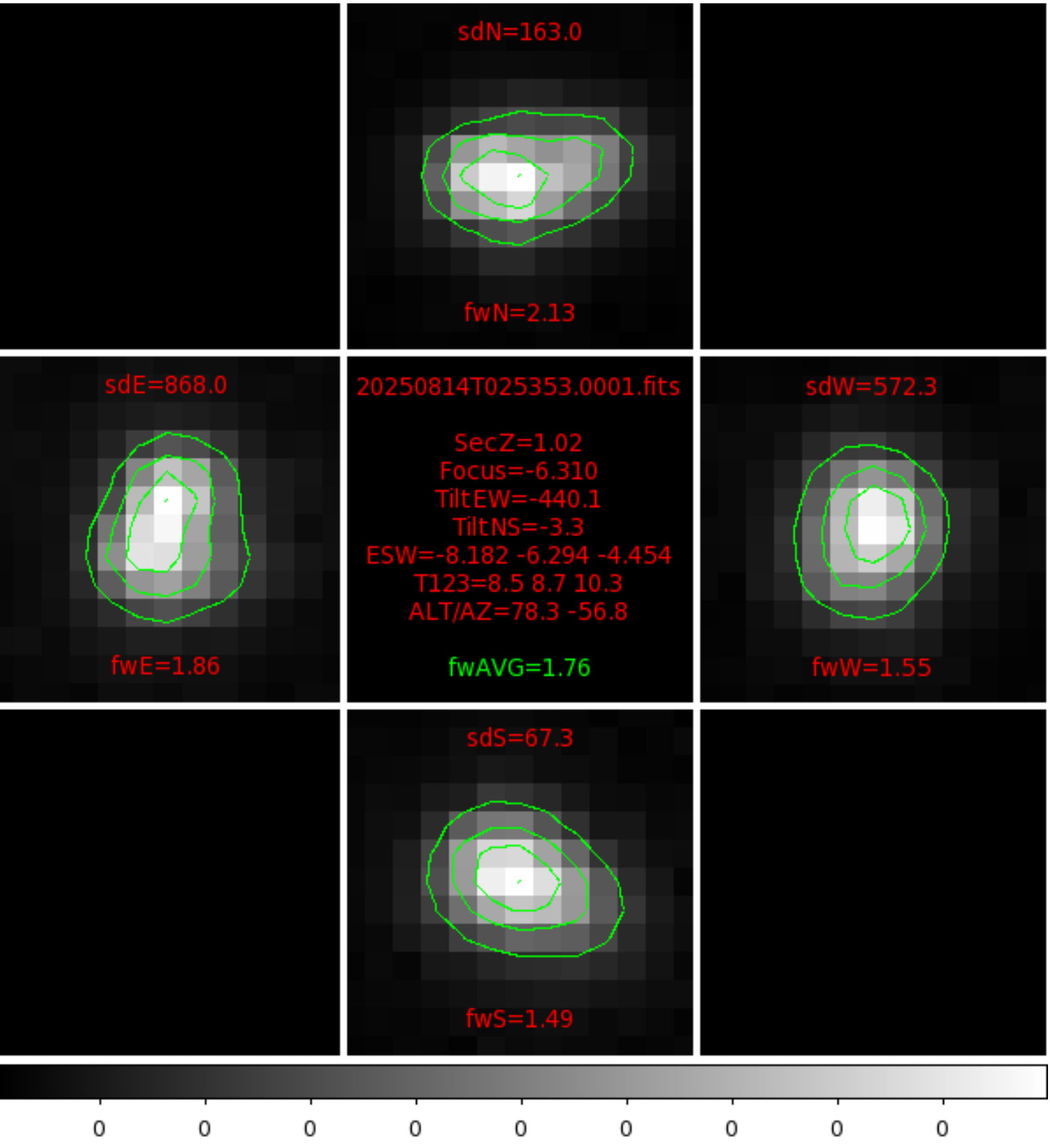
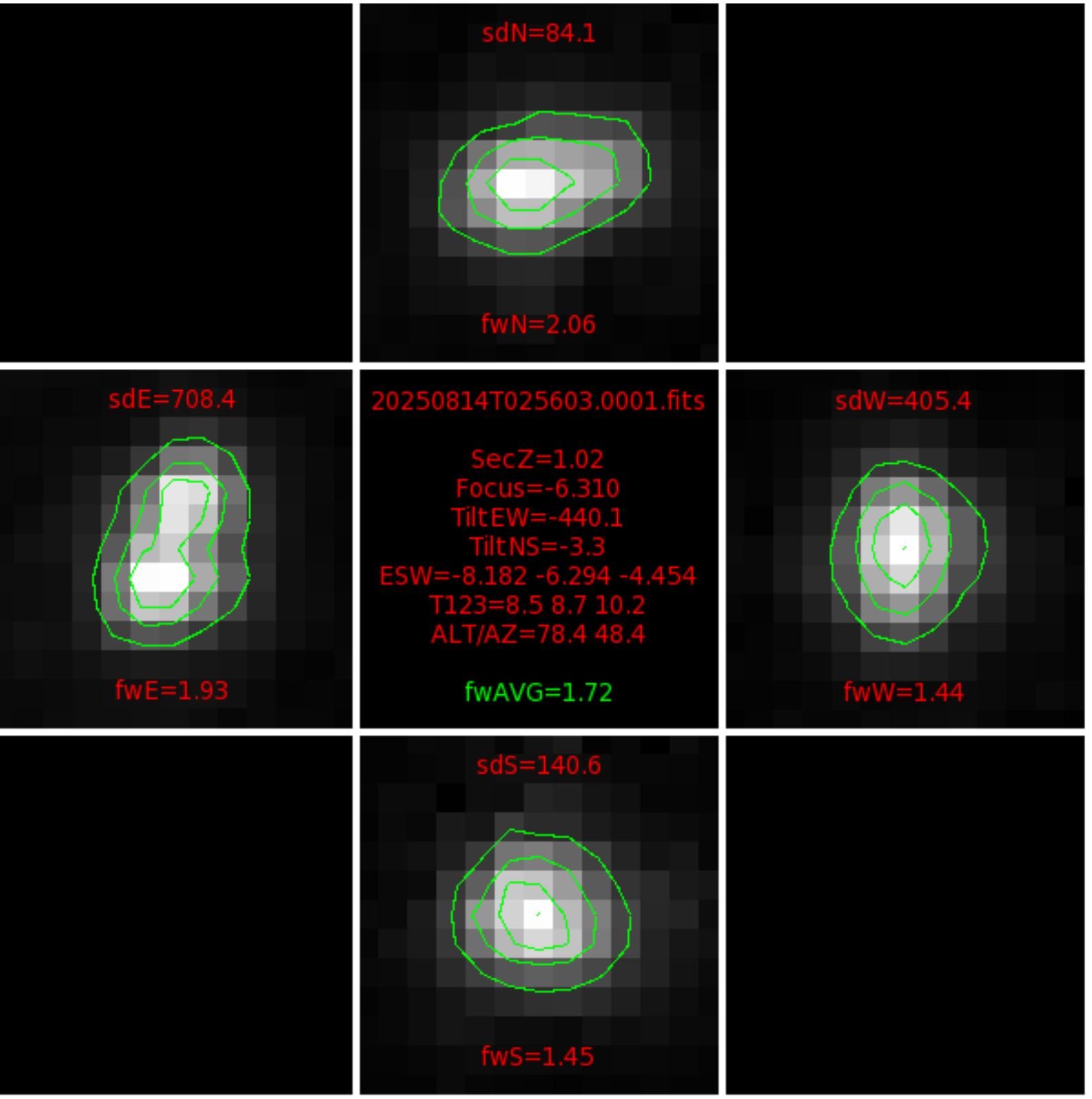
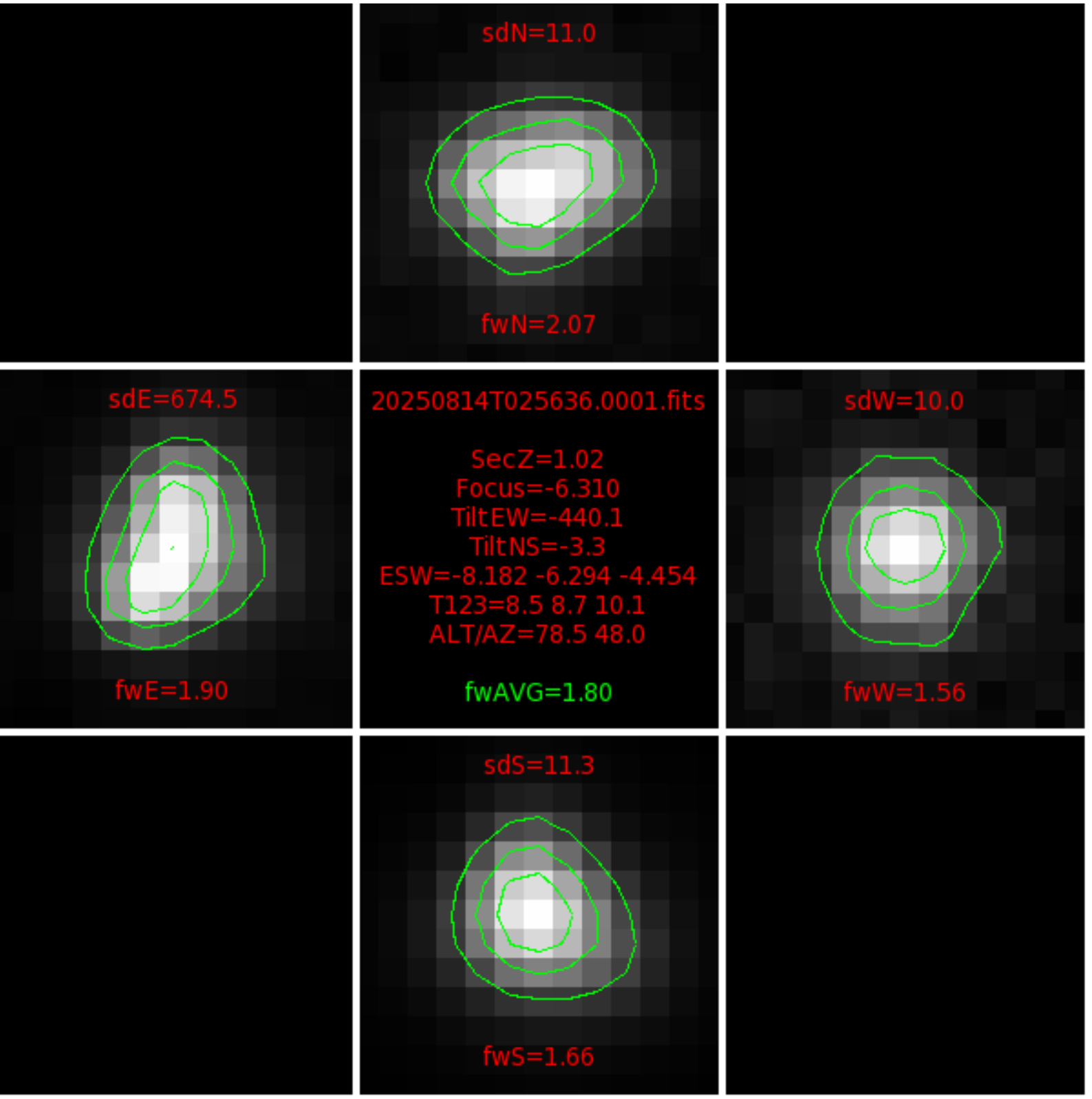

sdN=27.3
fwN=2.29
sdE=299.5
fwE=1.77
20250814T025111.0001.fits
SecZ=1.02
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.8 10.3
ALT/AZ=78.7 -55.6
fwAVG=1.84
sdW=140.2
fwW=1.59
sdS=17.6
fwS=1.73
0 0 0 0 0 0 0 0 0

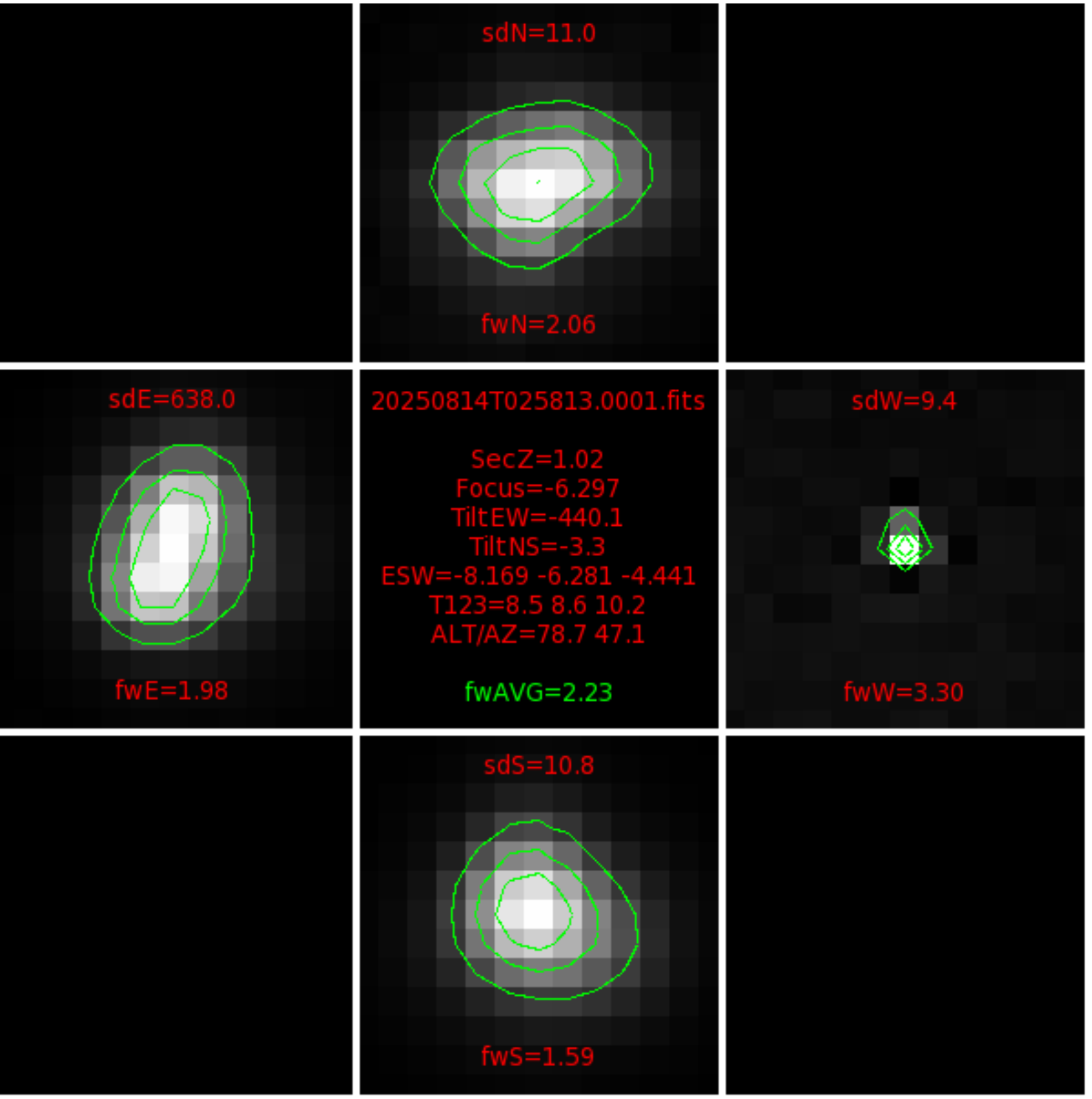

sdN=45.8
fwN=2.16
sdE=451.8
fwE=1.90
20250814T025142.0001.fits
SecZ=1.02
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.8 10.3
ALT/AZ=78.7 -55.9
fwAVG=1.80
sdW=239.1
fwW=1.54
sdS=20.1
fwS=1.59
0 0 0 0 0 0 0 0 0

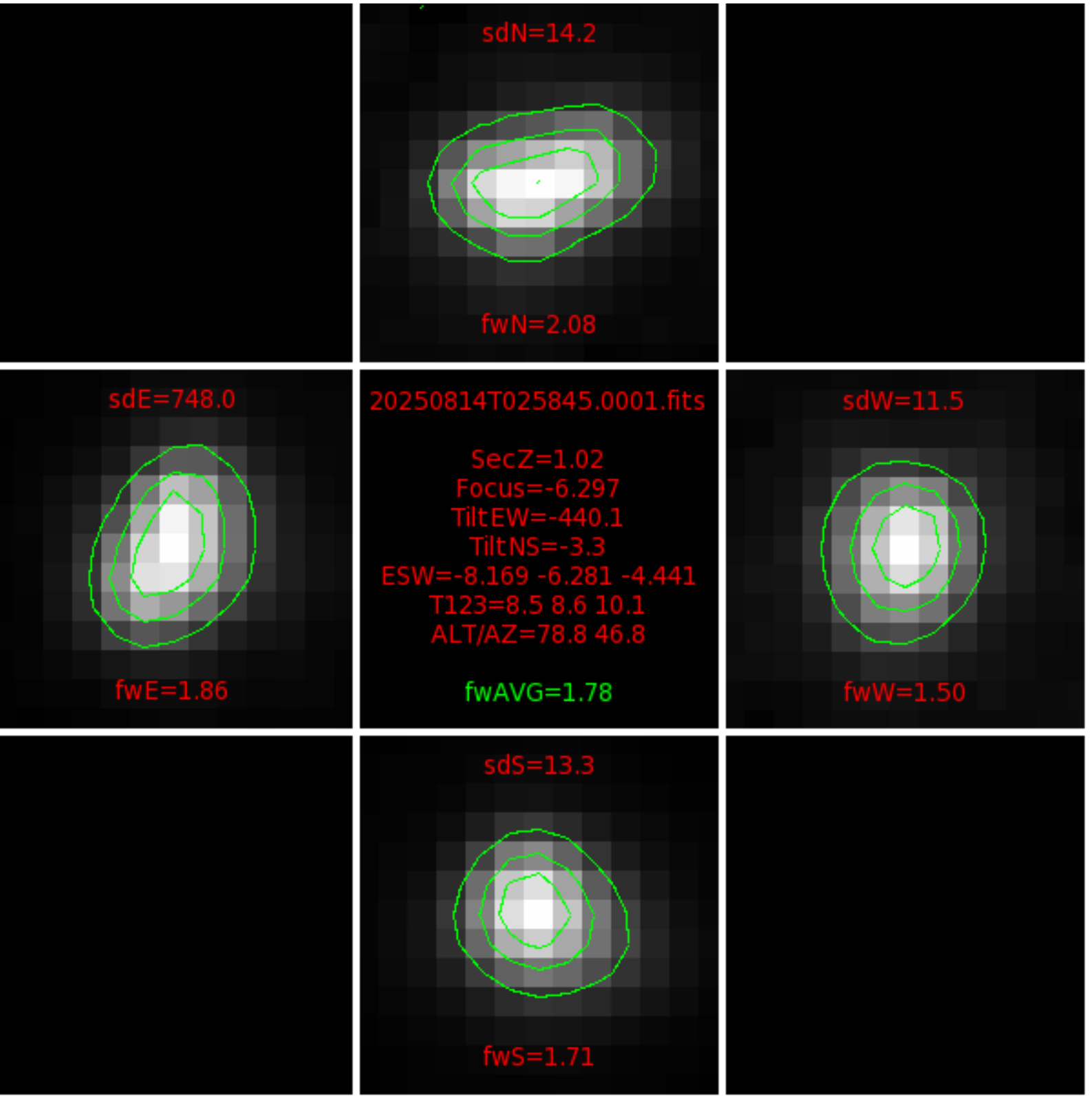

sdN=83.4
fwN=2.15
sdE=667.9
fwE=1.96
20250814T025320.0001.fits
SecZ=1.02
Focus=-6.313
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.185 -6.297 -4.457
T123=8.6 8.7 10.3
ALT/AZ=78.4 -56.6
fwAVG=1.83
sdW=368.1
fwW=1.59
sdS=34.2
fwS=1.61
0 0 0 0 0 0 0 0 0

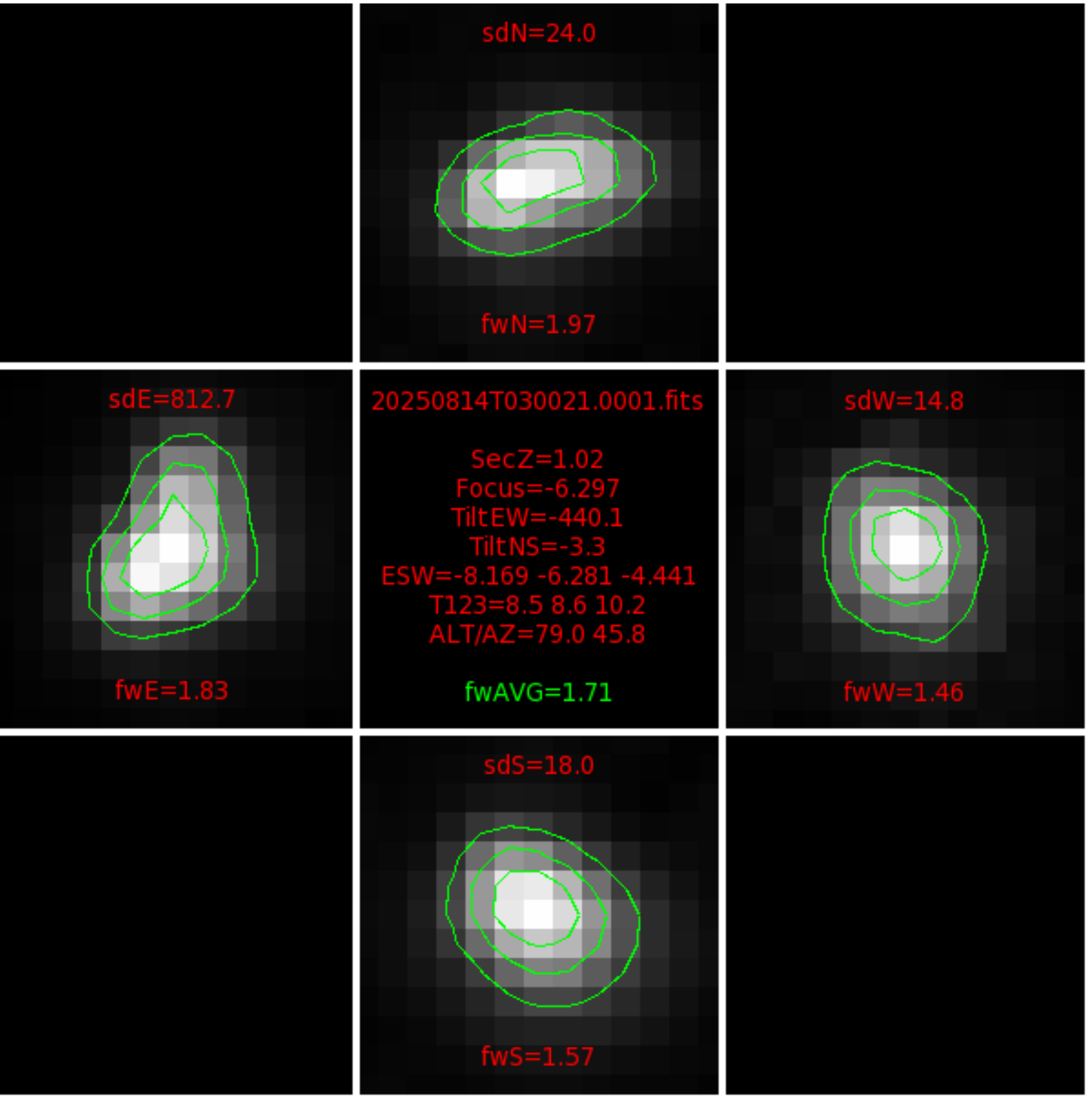

sdN=163.0
fwN=2.13
sdE=868.0
fwE=1.86
20250814T025353.0001.fits
SecZ=1.02
Focus=-6.310
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.182 -6.294 -4.454
T123=8.5 8.7 10.3
ALT/AZ=78.3 -56.8
fwAVG=1.76
sdW=572.3
fwW=1.55
sdS=67.3
fwS=1.49
0 0 0 0 0 0 0 0 0

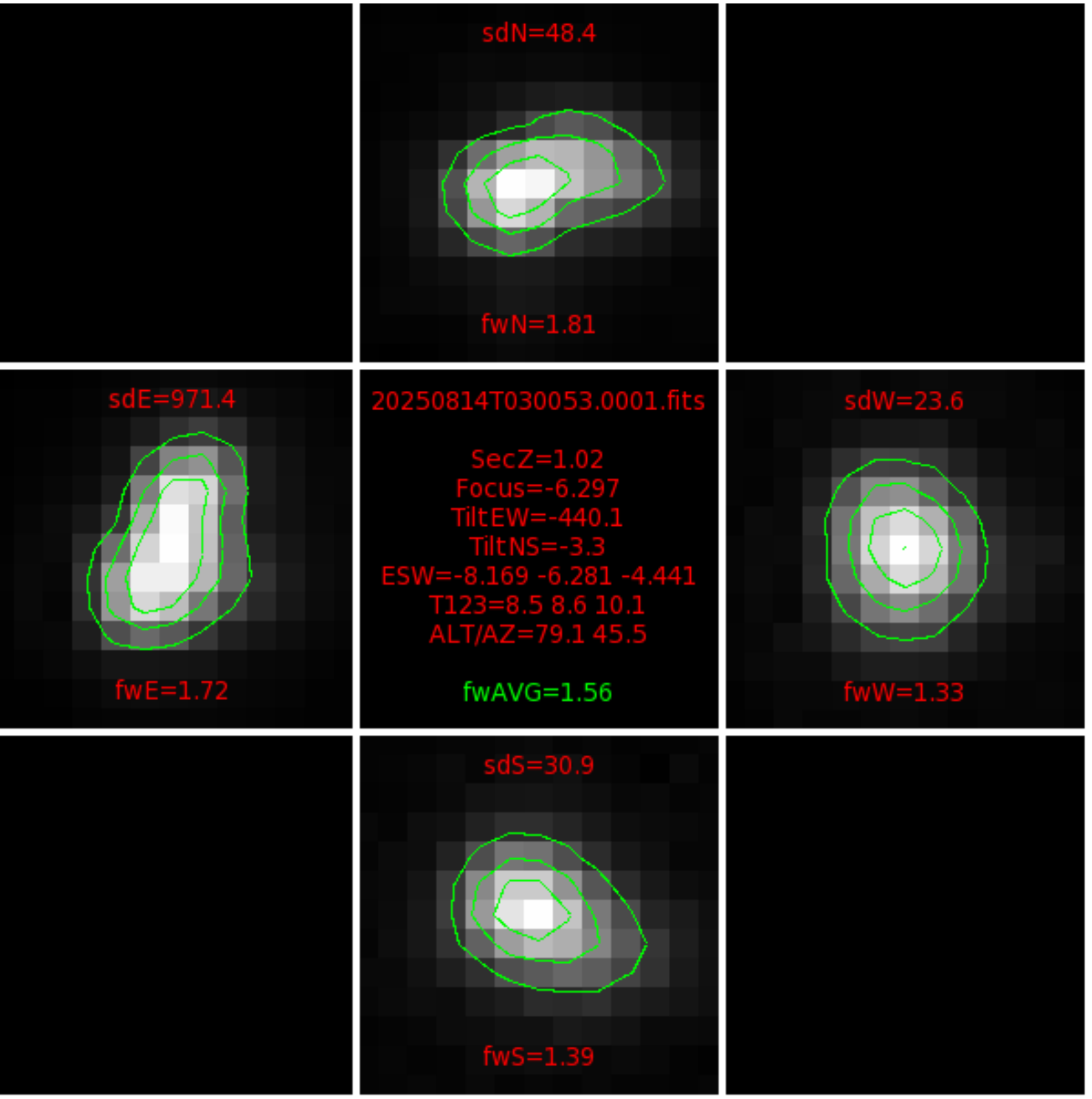

sdN=84.1
fwN=2.06
sdE=708.4
fwE=1.93
20250814T025603.0001.fits
SecZ=1.02
Focus=-6.310
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.182 -6.294 -4.454
T123=8.5 8.7 10.2
ALT/AZ=78.4 48.4
fwAVG=1.72
sdW=405.4
fwW=1.44
sdS=140.6
fwS=1.45
0 0 0 0 0 0 0 0 0

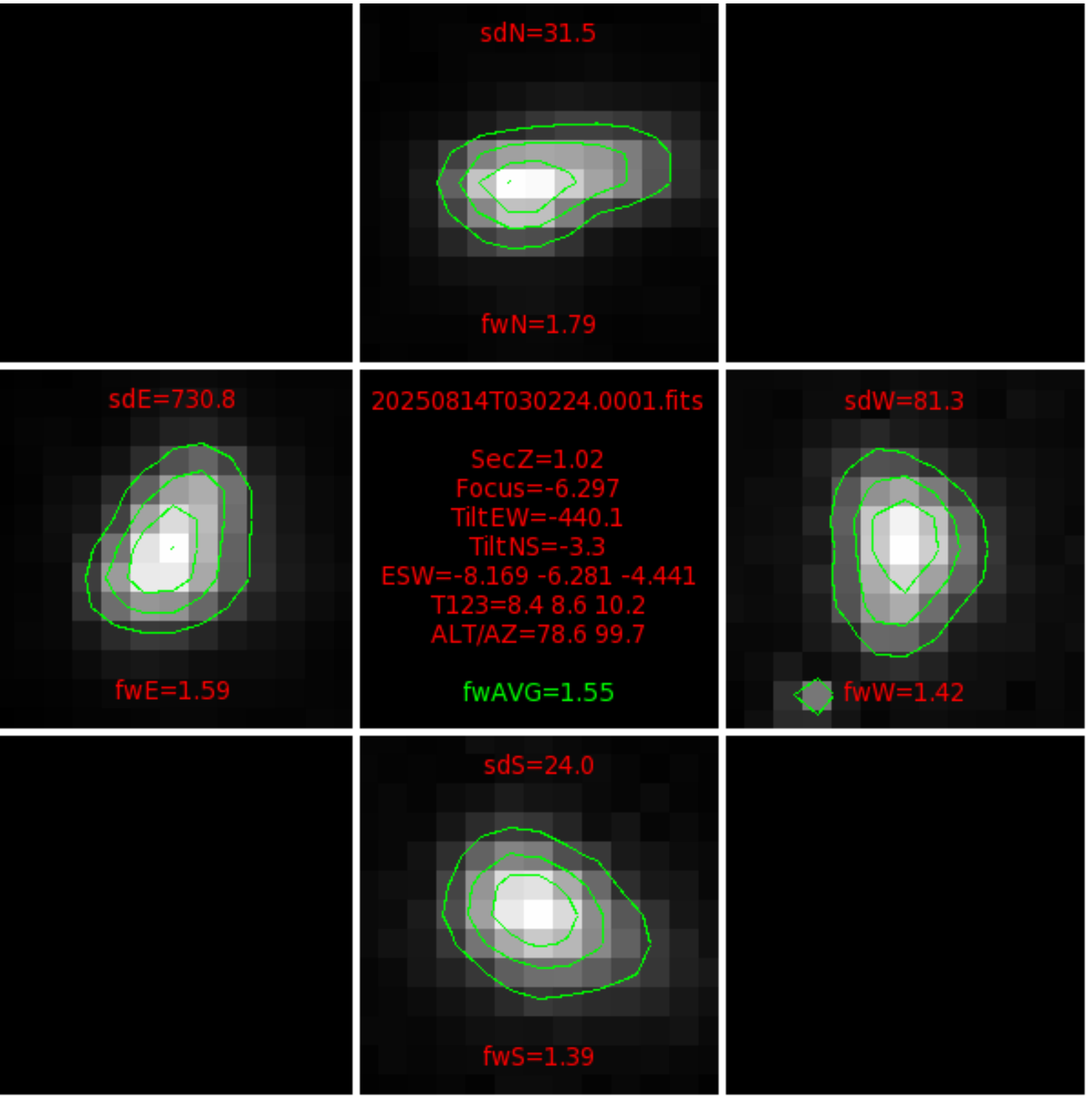

sdN=11.0
fwN=2.07
sdE=674.5
fwE=1.90
20250814T025636.0001.fits
SecZ=1.02
Focus=-6.310
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.182 -6.294 -4.454
T123=8.5 8.7 10.1
ALT/AZ=78.5 48.0
fwAVG=1.80
sdW=10.0
fwW=1.56
sdS=11.3
fwS=1.66
0 0 0 0 0 0 0 0 0

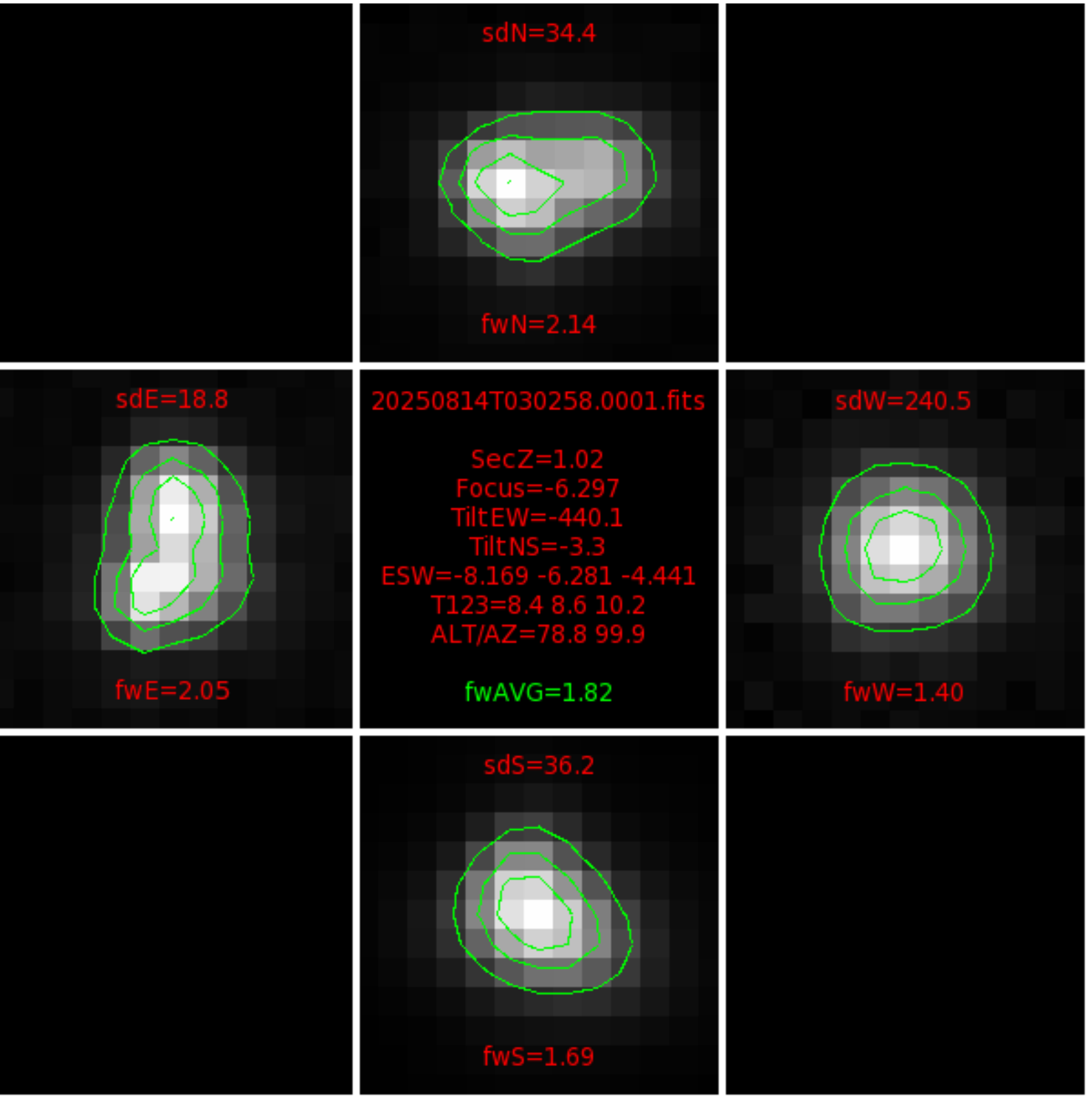

sdN=11.0
fwN=2.06
sdE=638.0
fwE=1.98
20250814T025813.0001.fits
SecZ=1.02
Focus=-6.297
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.169 -6.281 -4.441
T123=8.5 8.6 10.2
ALT/AZ=78.7 47.1
fwAVG=2.23
sdW=9.4
fwW=3.30
sdS=10.8
fwS=1.59
0 0 0 0 0 0 0 0 0

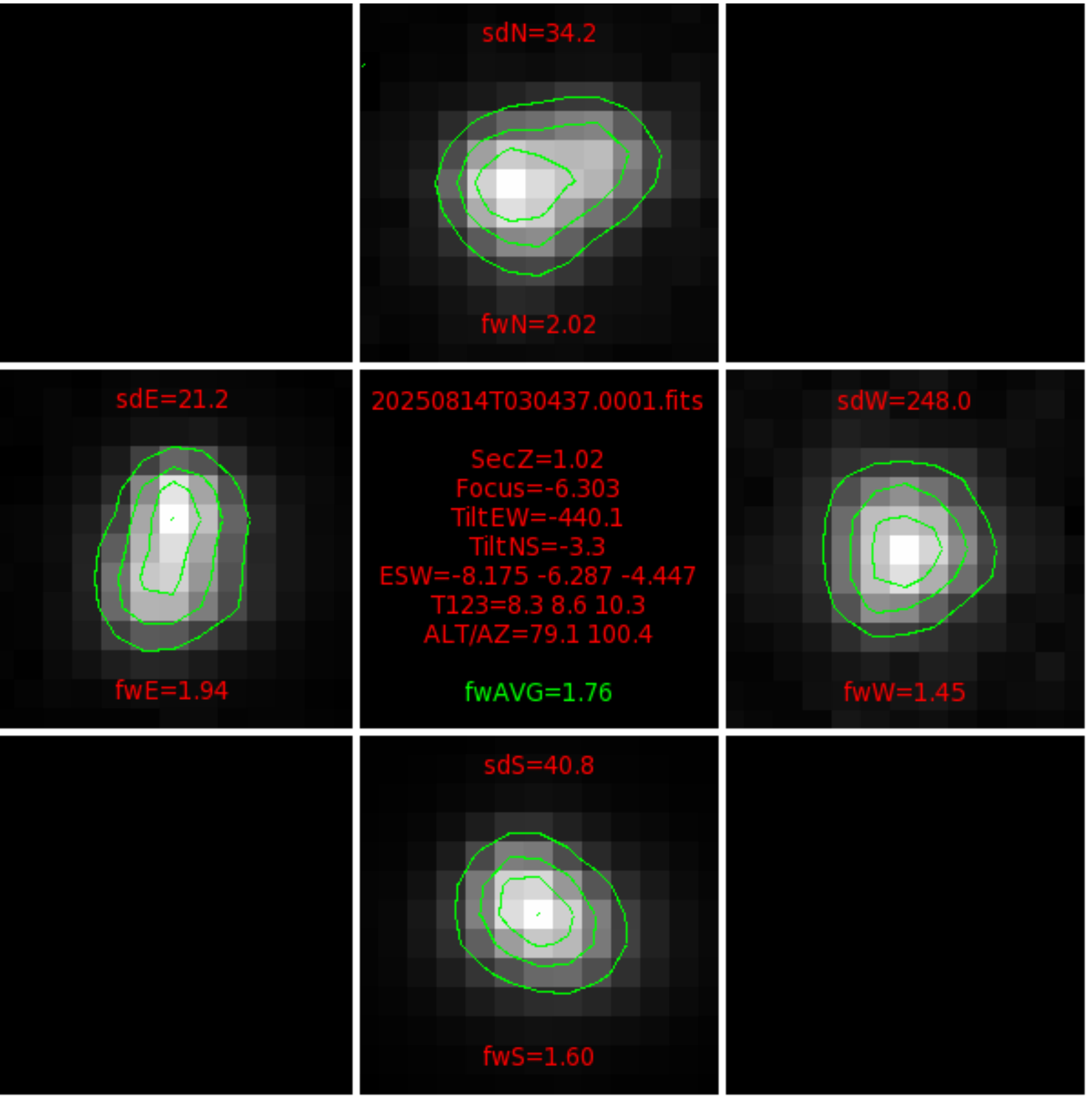

sdN=14.2
fwN=2.08
sdE=748.0
fwE=1.86
20250814T025845.0001.fits
SecZ=1.02
Focus=-6.297
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.169 -6.281 -4.441
T123=8.5 8.6 10.1
ALT/AZ=78.8 46.8
fwAVG=1.78
sdW=11.5
fwW=1.50
sdS=13.3
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=24.0
fwN=1.97
sdE=812.7
fwE=1.83
20250814T030021.0001.fits
SecZ=1.02
Focus=-6.297
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.169 -6.281 -4.441
T123=8.5 8.6 10.2
ALT/AZ=79.0 45.8
fwAVG=1.71
sdW=14.8
fwW=1.46
sdS=18.0
fwS=1.57
0 0 0 0 0 0 0 0 0


sdN=48.4
fwN=1.81
sdE=971.4
fwE=1.72
20250814T030053.0001.fits
SecZ=1.02
Focus=-6.297
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.169 -6.281 -4.441
T123=8.5 8.6 10.1
ALT/AZ=79.1 45.5
fwAVG=1.56
sdW=23.6
fwW=1.33
sdS=30.9
fwS=1.39
0 0 0 0 0 0 0 0 0


sdN=31.5
fwN=1.79
sdE=730.8
fwE=1.59
20250814T030224.0001.fits
SecZ=1.02
Focus=-6.297
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.169 -6.281 -4.441
T123=8.4 8.6 10.2
ALT/AZ=78.6 99.7
fwAVG=1.55
sdW=81.3
fwW=1.42
sdS=24.0
fwS=1.39
0 0 0 0 0 0 0 0 0


sdN=34.4
fwN=2.14
sdE=18.8
fwE=2.05
20250814T030258.0001.fits
SecZ=1.02
Focus=-6.297
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.169 -6.281 -4.441
T123=8.4 8.6 10.2
ALT/AZ=78.8 99.9
fwAVG=1.82
sdW=240.5
fwW=1.40
sdS=36.2
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=34.2
fwN=2.02
sdE=21.2
fwE=1.94
20250814T030437.0001.fits
SecZ=1.02
Focus=-6.303
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.175 -6.287 -4.447
T123=8.3 8.6 10.3
ALT/AZ=79.1 100.4
fwAVG=1.76
sdW=248.0
fwW=1.45
sdS=40.8
fwS=1.60
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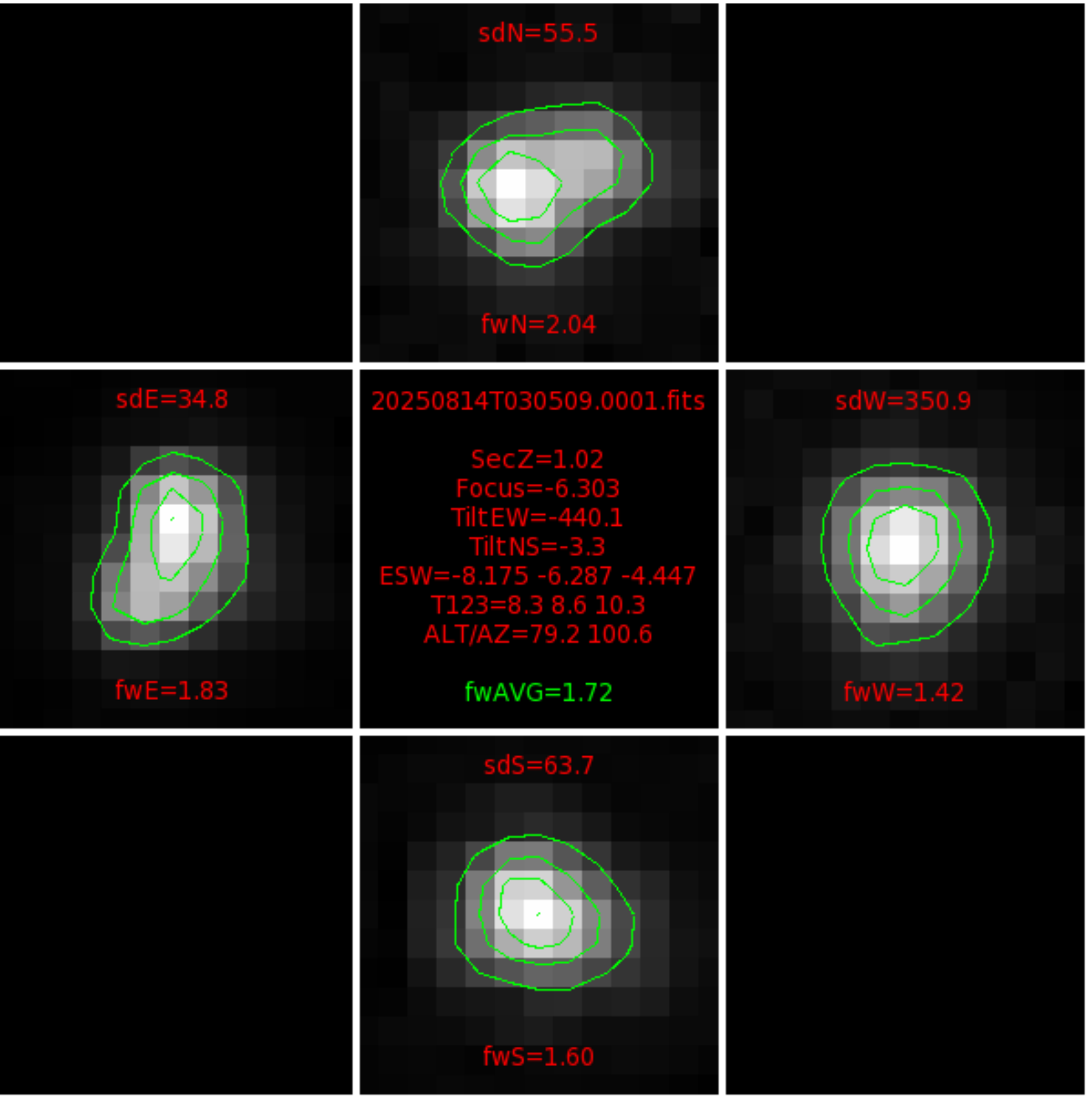
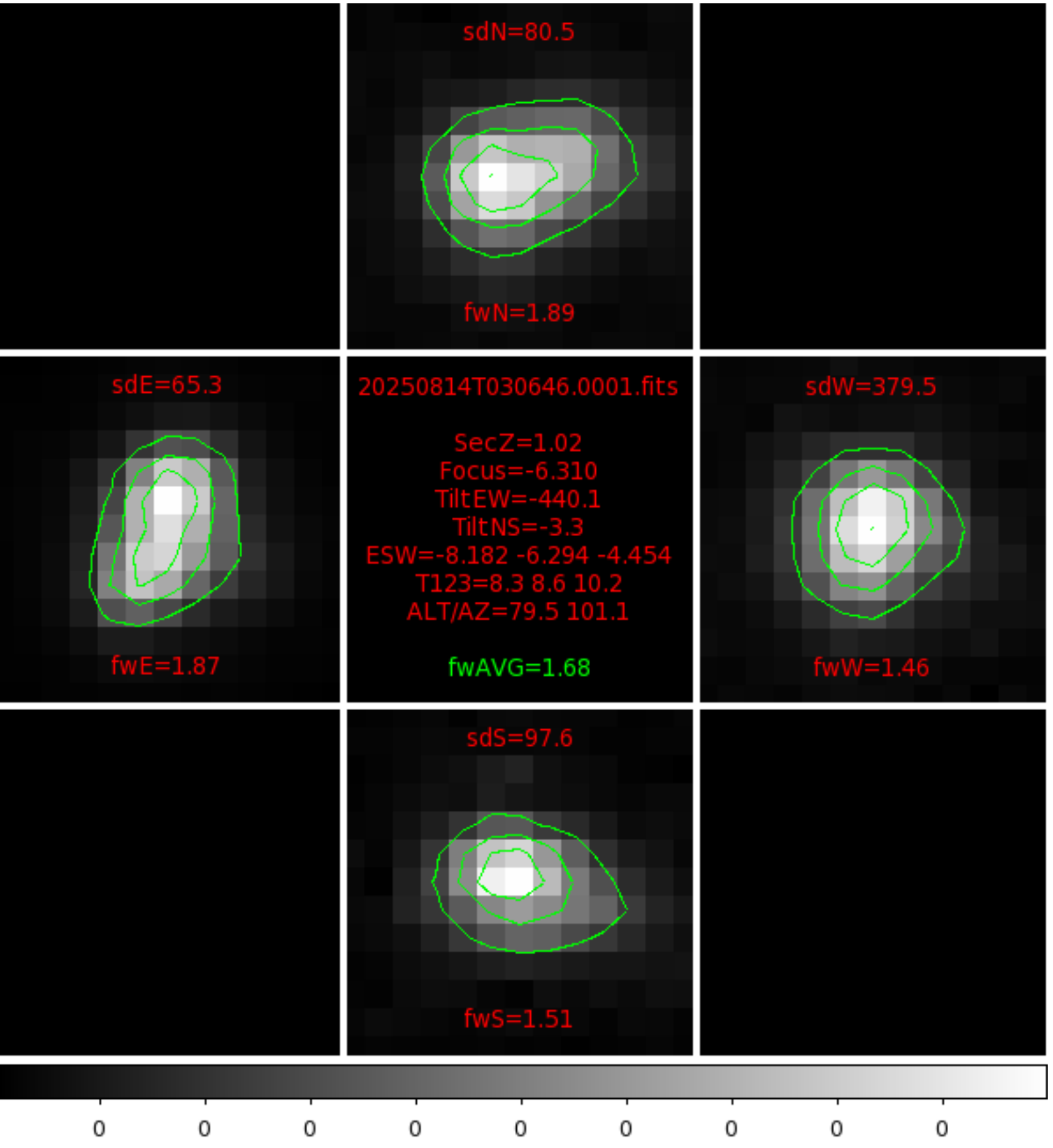

sdN=55.5
fwN=2.04
sdE=34.8
fwE=1.83
20250814T030509.0001.fits
SecZ=1.02
Focus=-6.303
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.175 -6.287 -4.447
T123=8.3 8.6 10.3
ALT/AZ=79.2 100.6
fwAVG=1.72
sdW=350.9
fwW=1.42
sdS=63.7
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=80.5
fwN=1.89
sdE=65.3
fwE=1.87
20250814T030646.0001.fits
SecZ=1.02
Focus=-6.310
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.182 -6.294 -4.454
T123=8.3 8.6 10.2
ALT/AZ=79.5 101.1
fwAVG=1.68
sdW=379.5
fwW=1.46
sdS=97.6
fwS=1.51
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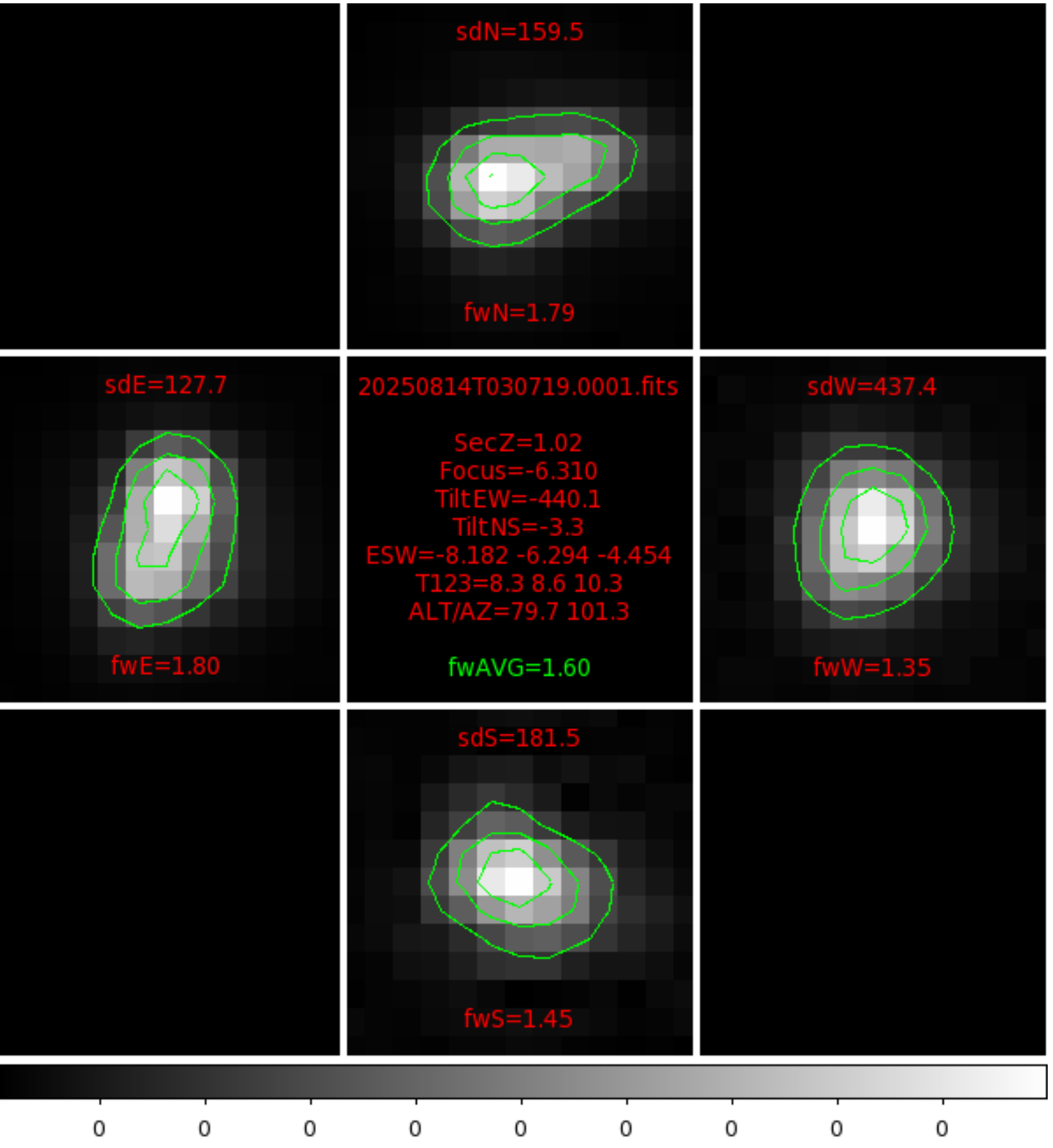
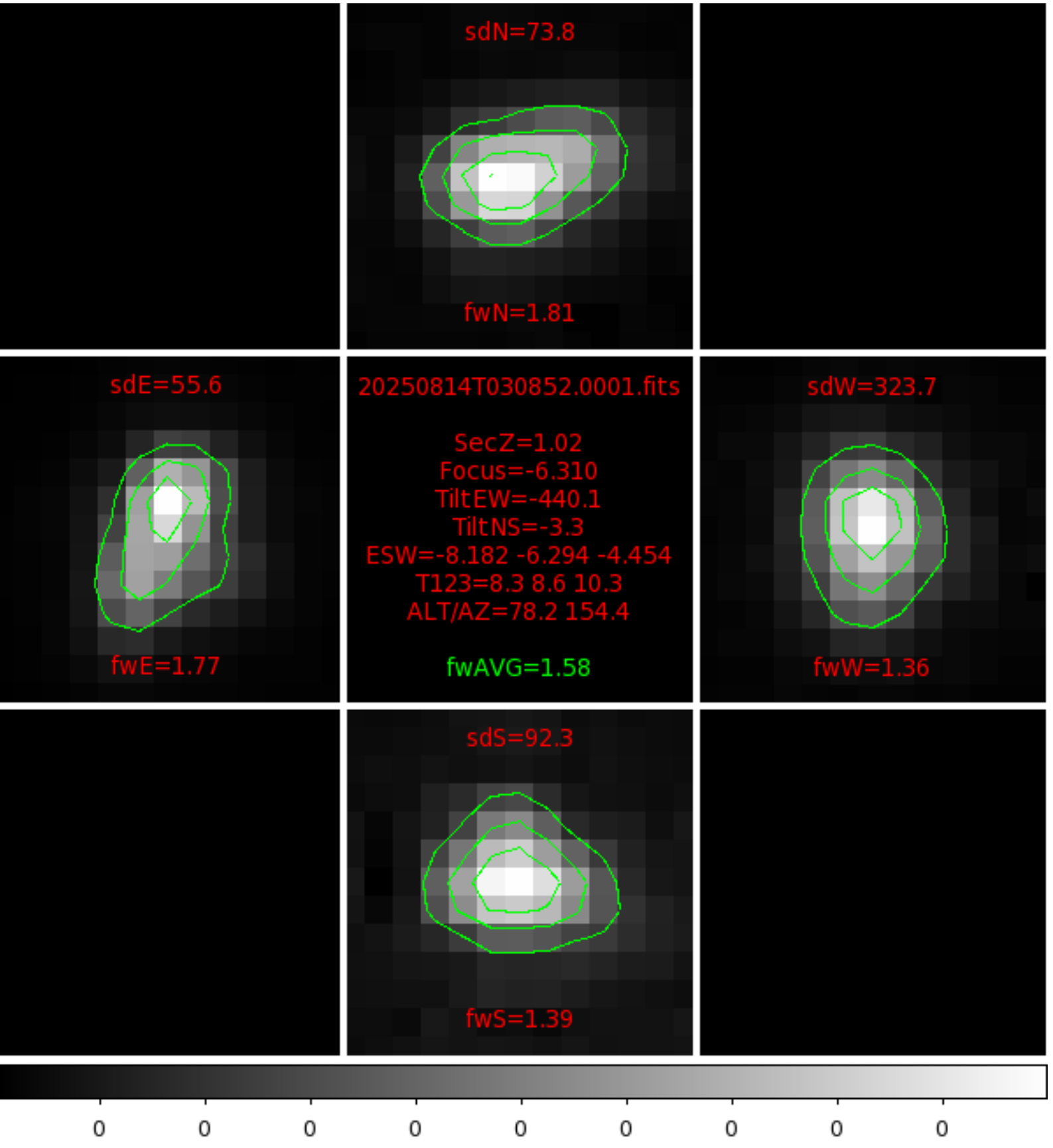

sdN=159.5
fwN=1.79
sdE=127.7
fwE=1.80
20250814T030719.0001.fits
SecZ=1.02
Focus=-6.310
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.182 -6.294 -4.454
T123=8.3 8.6 10.3
ALT/AZ=79.7 101.3
fwAVG=1.60
sdW=437.4
fwW=1.35
sdS=181.5
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=73.8
fwN=1.81
sdE=55.6
fwE=1.77
20250814T030852.0001.fits
SecZ=1.02
Focus=-6.310
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.182 -6.294 -4.454
T123=8.3 8.6 10.3
ALT/AZ=78.2 154.4
fwAVG=1.58
sdW=323.7
fwW=1.36
sdS=92.3
fwS=1.39
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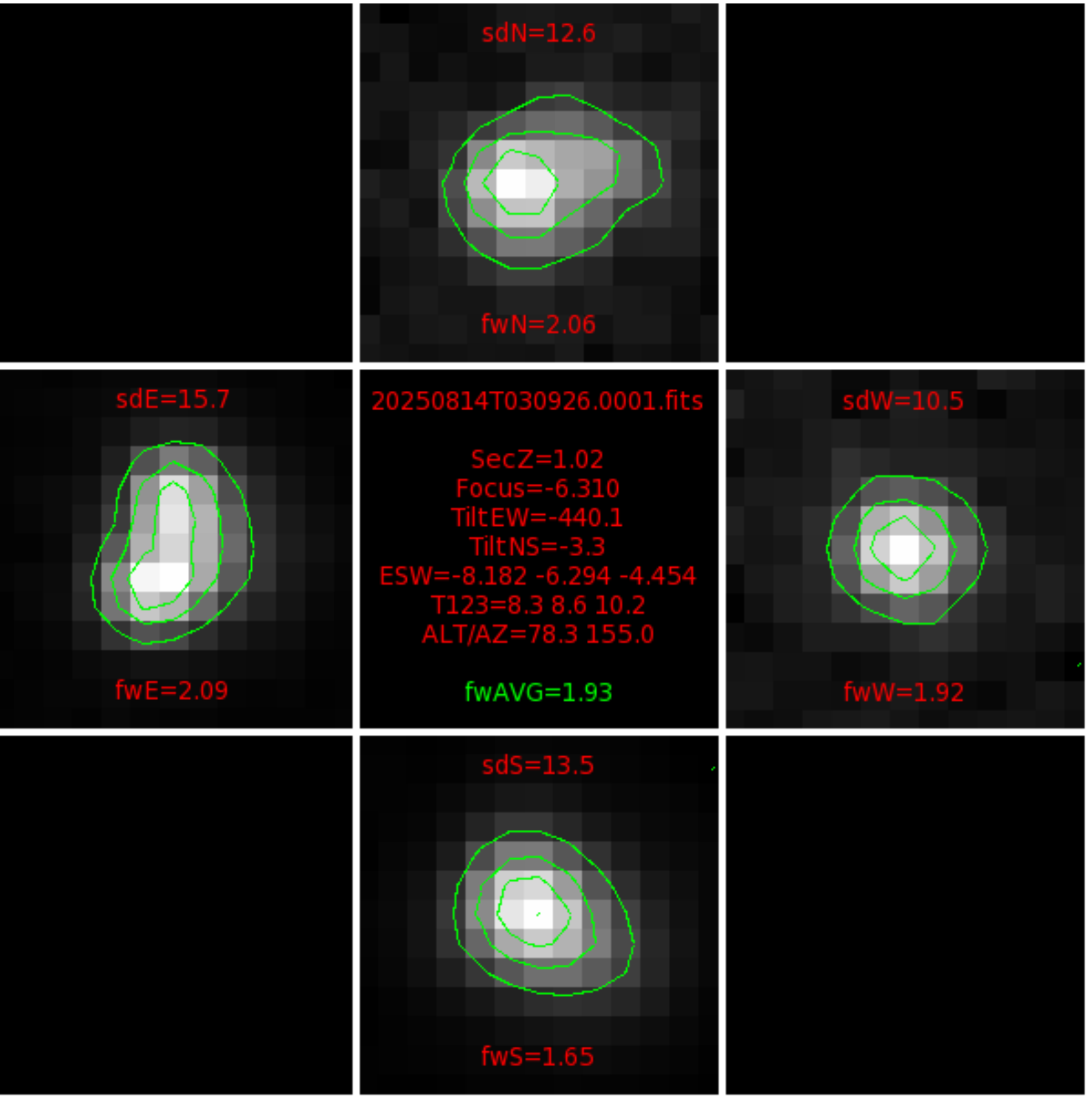
sdN=12.6
fwN=2.06
sdE=15.7
fwE=2.09
20250814T030926.0001.fits
SecZ=1.02
Focus=-6.310
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.182 -6.294 -4.454
T123=8.3 8.6 10.2
ALT/AZ=78.3 155.0
fwAVG=1.93
sdW=10.5
fwW=1.92
sdS=13.5
fwS=1.65
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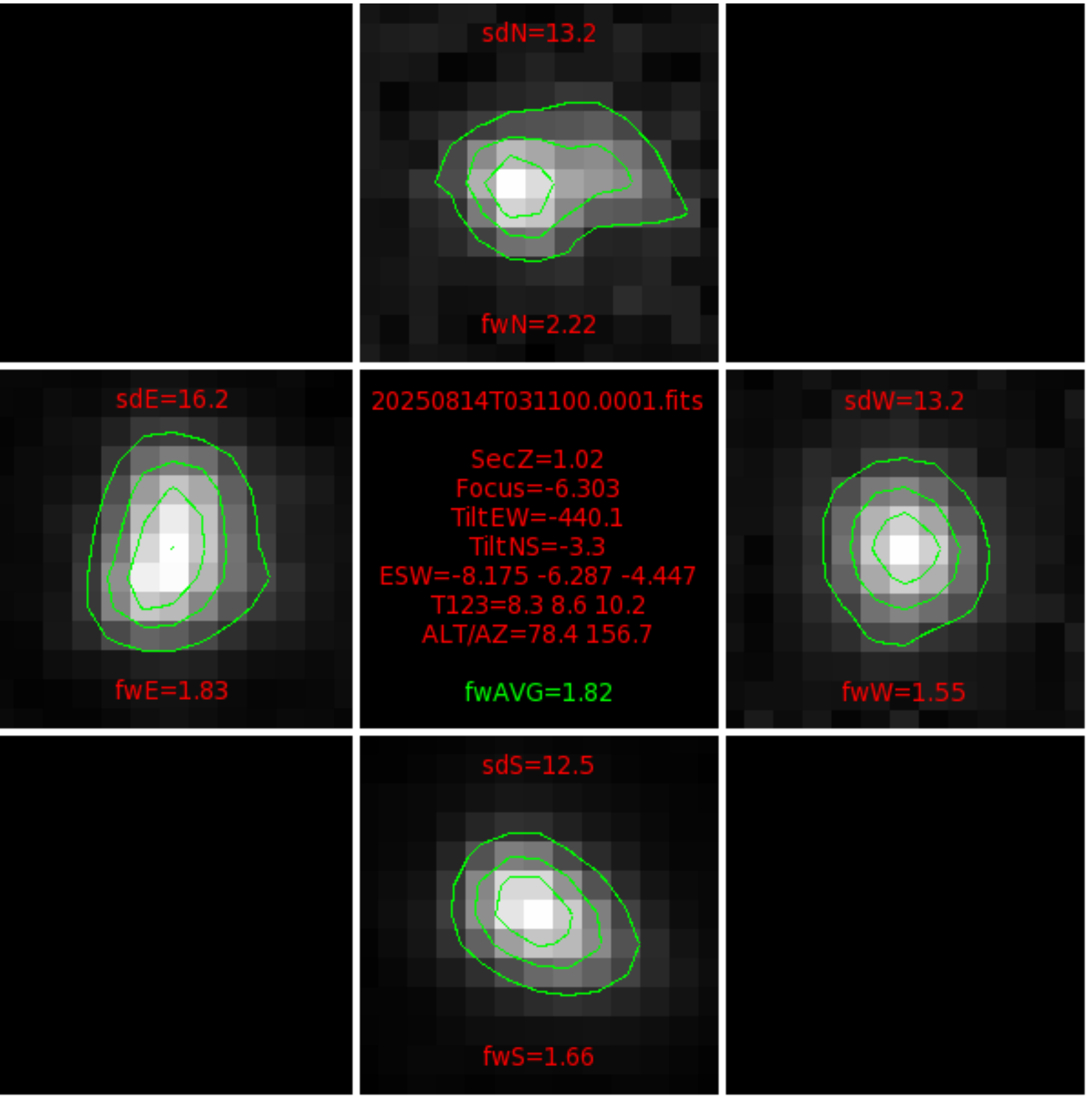
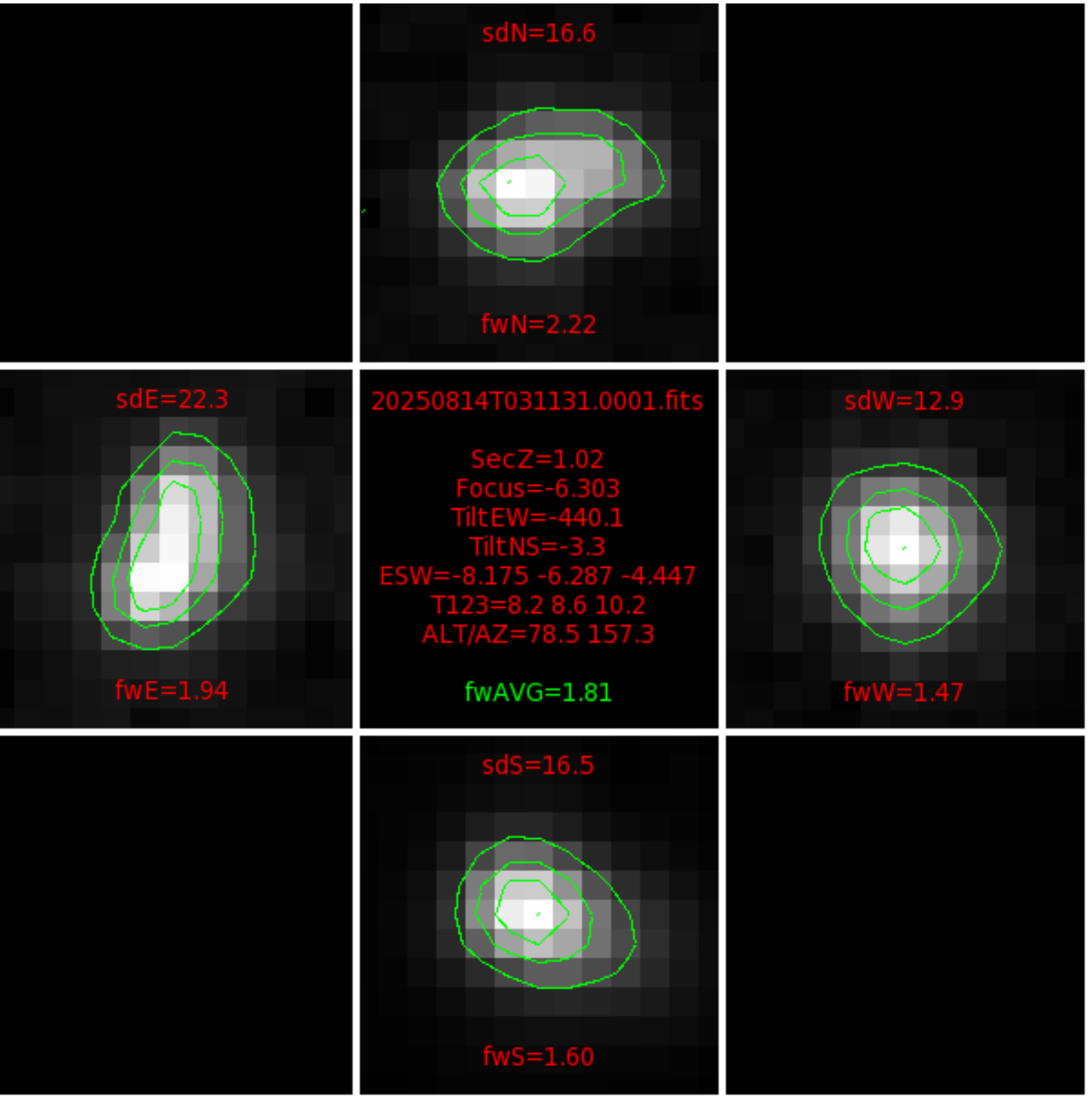
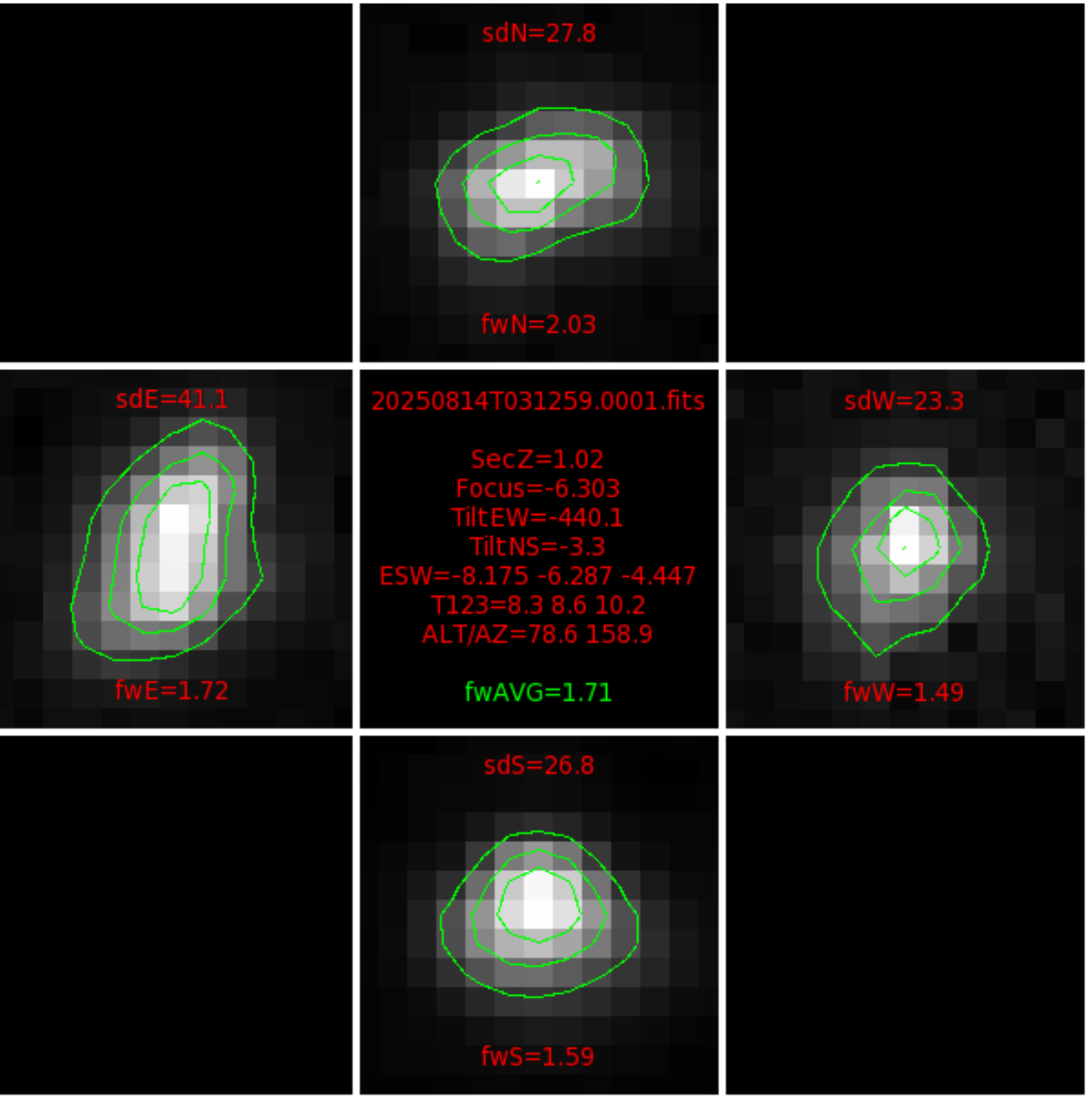
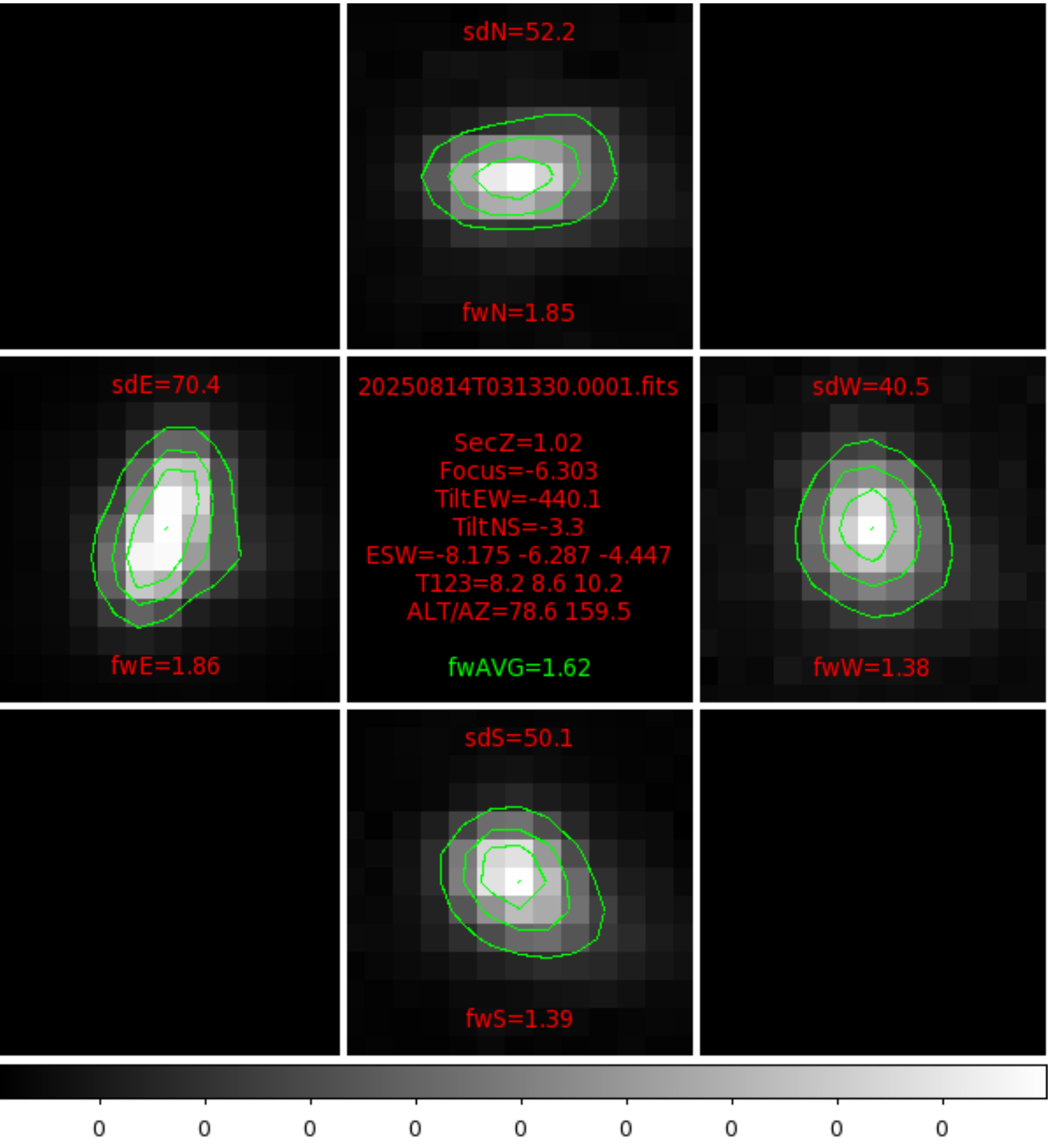
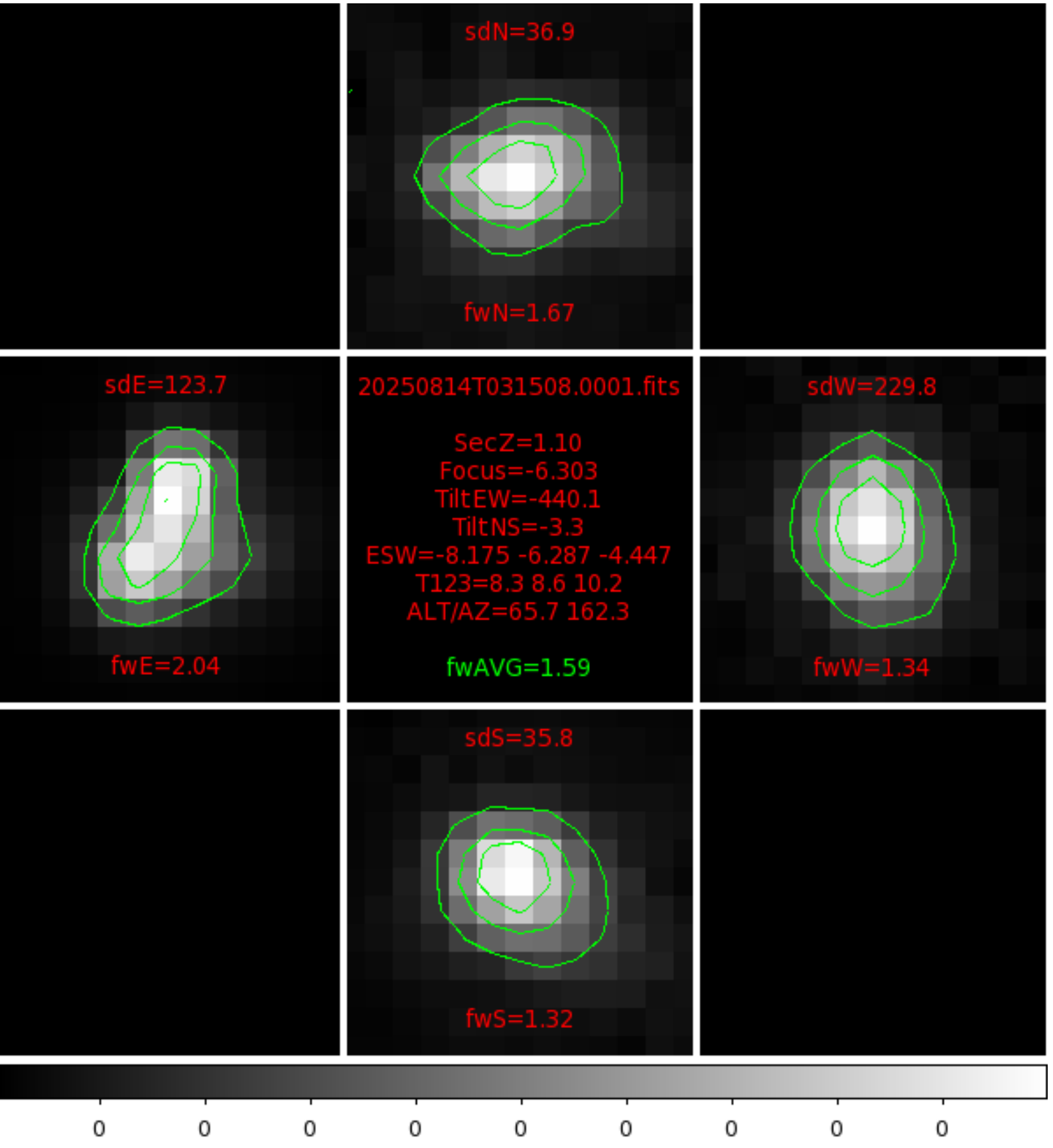

sdN=13.2
fwN=2.22
sdE=16.2
fwE=1.83
20250814T031100.0001.fits
SecZ=1.02
Focus=-6.303
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.175 -6.287 -4.447
T123=8.3 8.6 10.2
ALT/AZ=78.4 156.7
fwAVG=1.82
sdW=13.2
fwW=1.55
sdS=12.5
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=16.6
fwN=2.22
sdE=22.3
fwE=1.94
20250814T031131.0001.fits
SecZ=1.02
Focus=-6.303
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.175 -6.287 -4.447
T123=8.2 8.6 10.2
ALT/AZ=78.5 157.3
fwAVG=1.81
sdW=12.9
fwW=1.47
sdS=16.5
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=27.8
fwN=2.03
sdE=41.1
fwE=1.72
20250814T031259.0001.fits
SecZ=1.02
Focus=-6.303
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.175 -6.287 -4.447
T123=8.3 8.6 10.2
ALT/AZ=78.6 158.9
fwAVG=1.71
sdW=23.3
fwW=1.49
sdS=26.8
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=52.2
fwN=1.85
sdE=70.4
fwE=1.86
20250814T031330.0001.fits
SecZ=1.02
Focus=-6.303
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.175 -6.287 -4.447
T123=8.2 8.6 10.2
ALT/AZ=78.6 159.5
fwAVG=1.62
sdW=40.5
fwW=1.38
sdS=50.1
fwS=1.39
0 0 0 0 0 0 0 0 0


sdN=36.9
fwN=1.67
sdE=123.7
fwE=2.04
20250814T031508.0001.fits
SecZ=1.10
Focus=-6.303
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.175 -6.287 -4.447
T123=8.3 8.6 10.2
ALT/AZ=65.7 162.3
fwAVG=1.59
sdW=229.8
fwW=1.34
sdS=35.8
fwS=1.32
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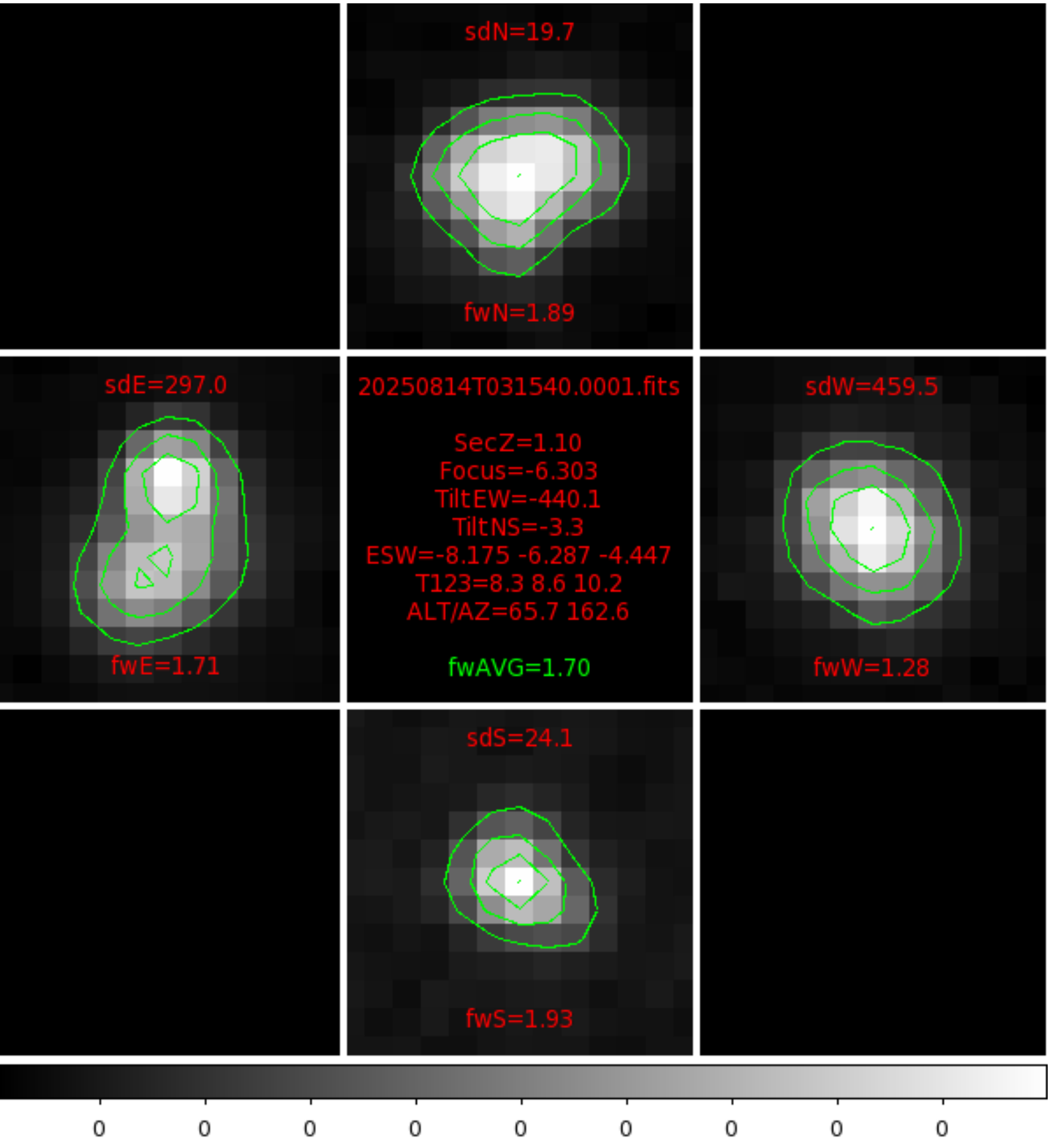
sdN=19.7
fwN=1.89
sdE=297.0
fwE=1.71
20250814T031540.0001.fits
SecZ=1.10
Focus=-6.303
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.175 -6.287 -4.447
T123=8.3 8.6 10.2
ALT/AZ=65.7 162.6
fwAVG=1.70
sdW=459.5
fwW=1.28
sdS=24.1
fwS=1.93
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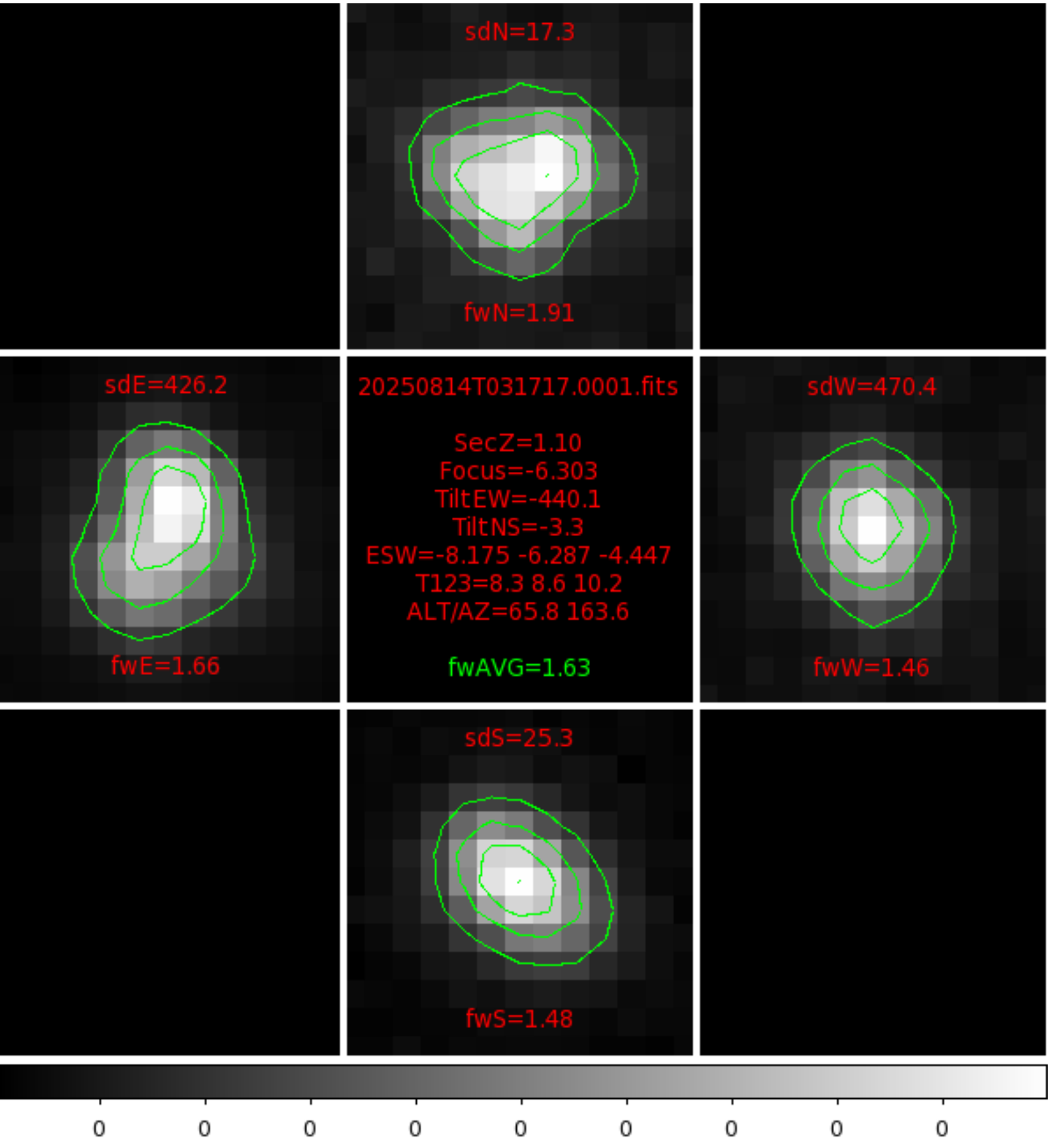
sdN=17.3
fwN=1.91
sdE=426.2
fwE=1.66
20250814T031717.0001.fits
SecZ=1.10
Focus=-6.303
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.175 -6.287 -4.447
T123=8.3 8.6 10.2
ALT/AZ=65.8 163.6
fwAVG=1.63
sdW=470.4
fwW=1.46
sdS=25.3
fwS=1.48
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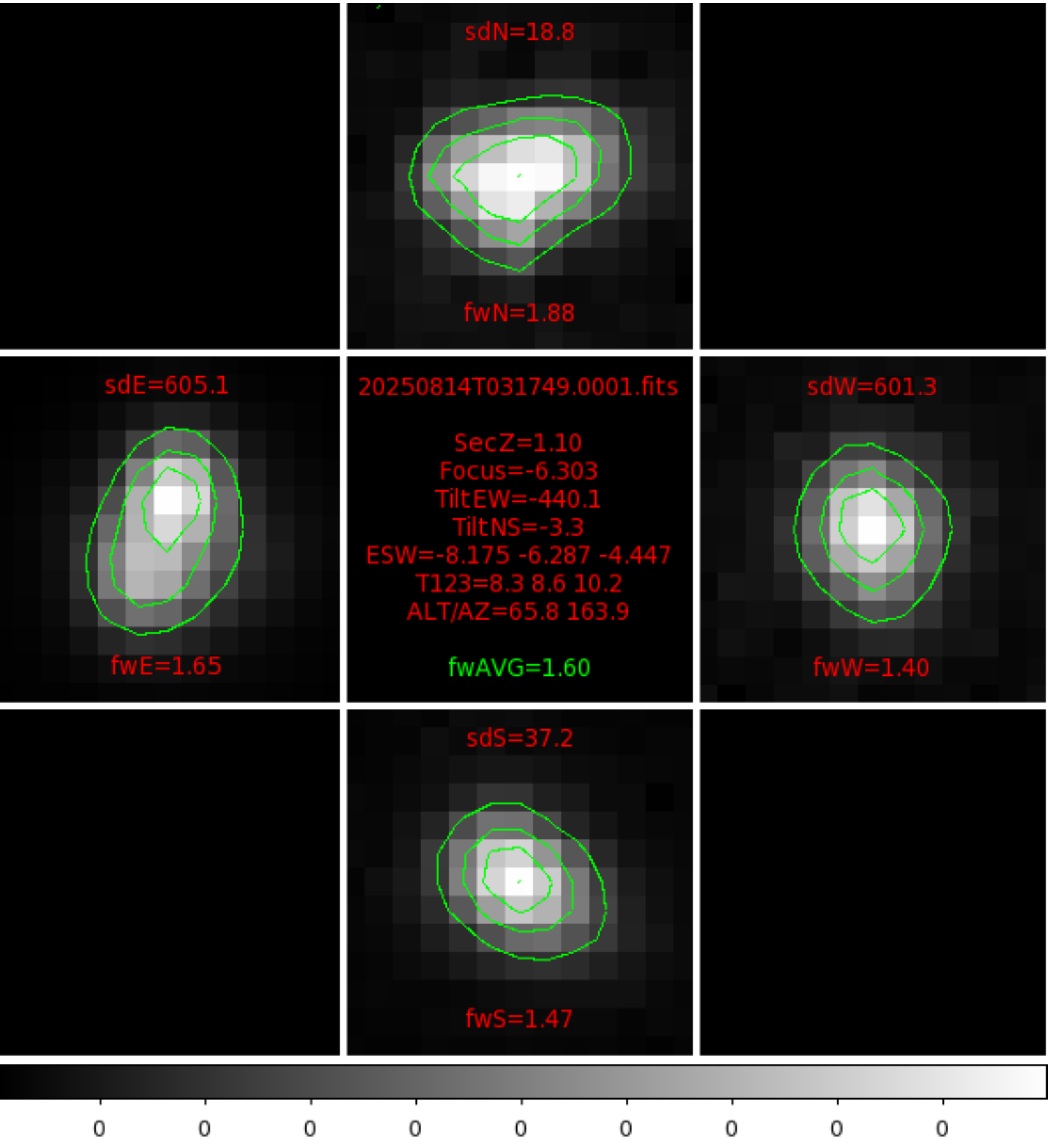
sdN=18.8
fwN=1.88
sdE=605.1
fwE=1.65
20250814T031749.0001.fits
SecZ=1.10
Focus=-6.303
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.175 -6.287 -4.447
T123=8.3 8.6 10.2
ALT/AZ=65.8 163.9
fwAVG=1.60
sdW=601.3
fwW=1.40
sdS=37.2
fwS=1.47
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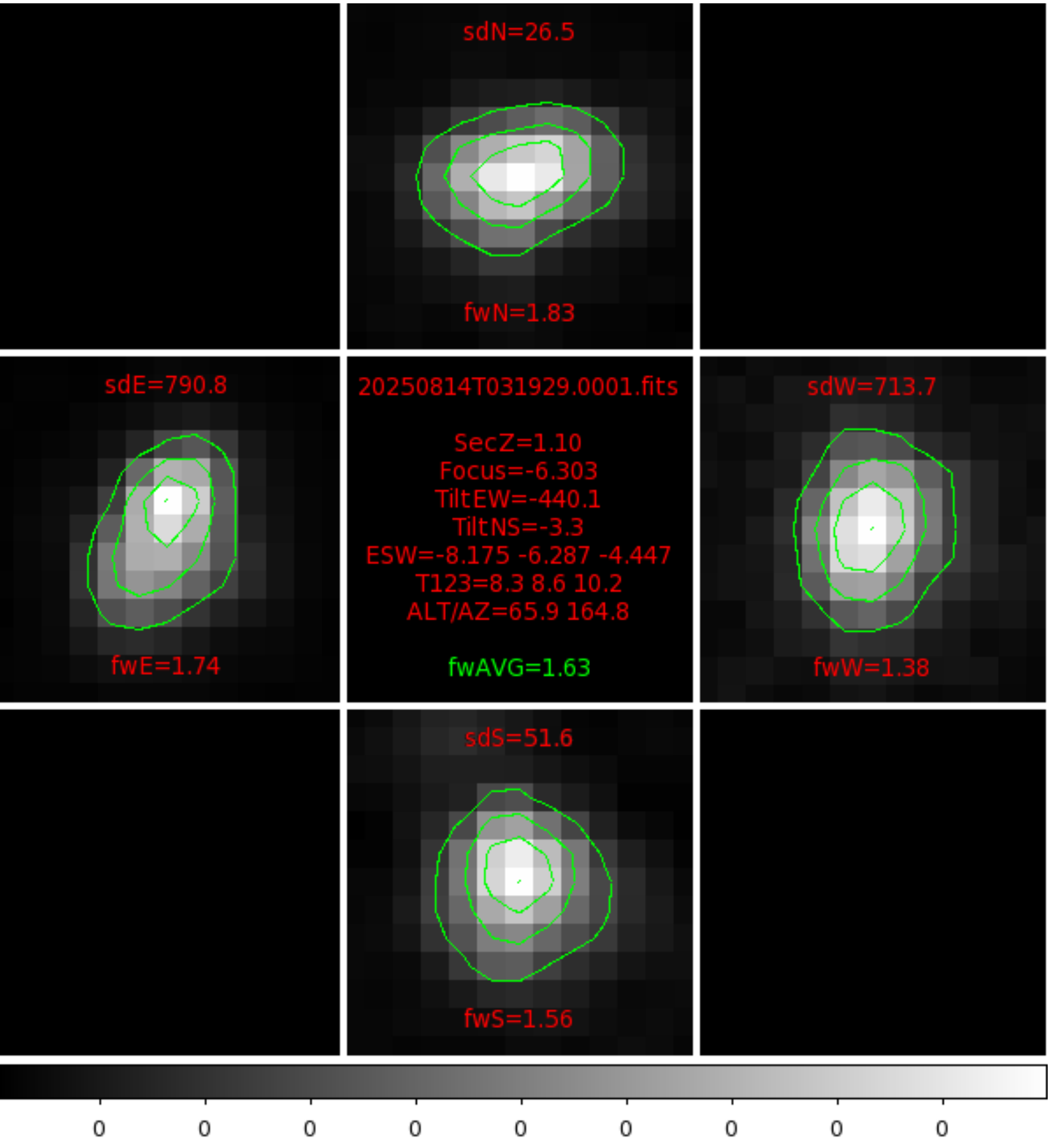
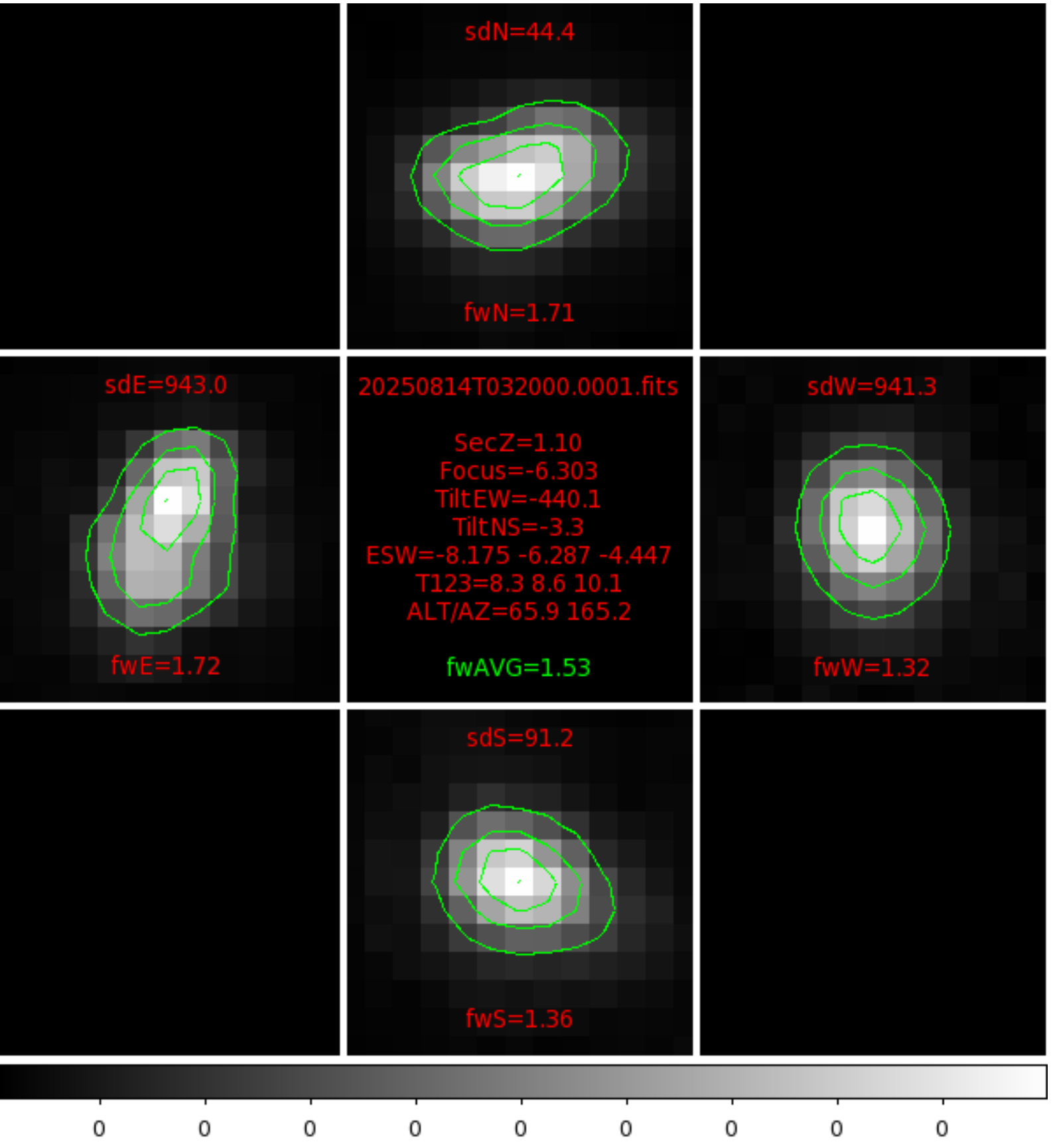
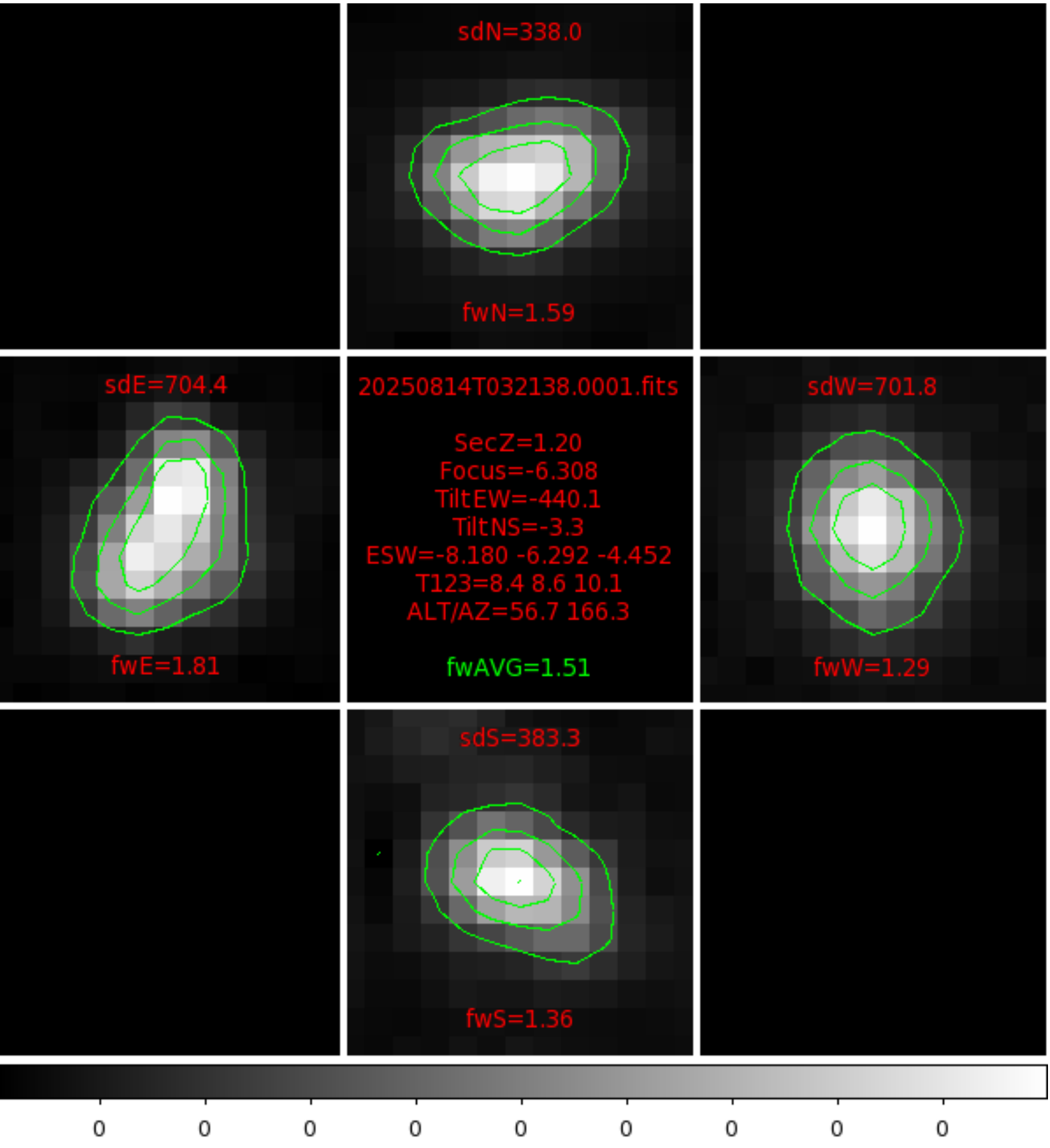
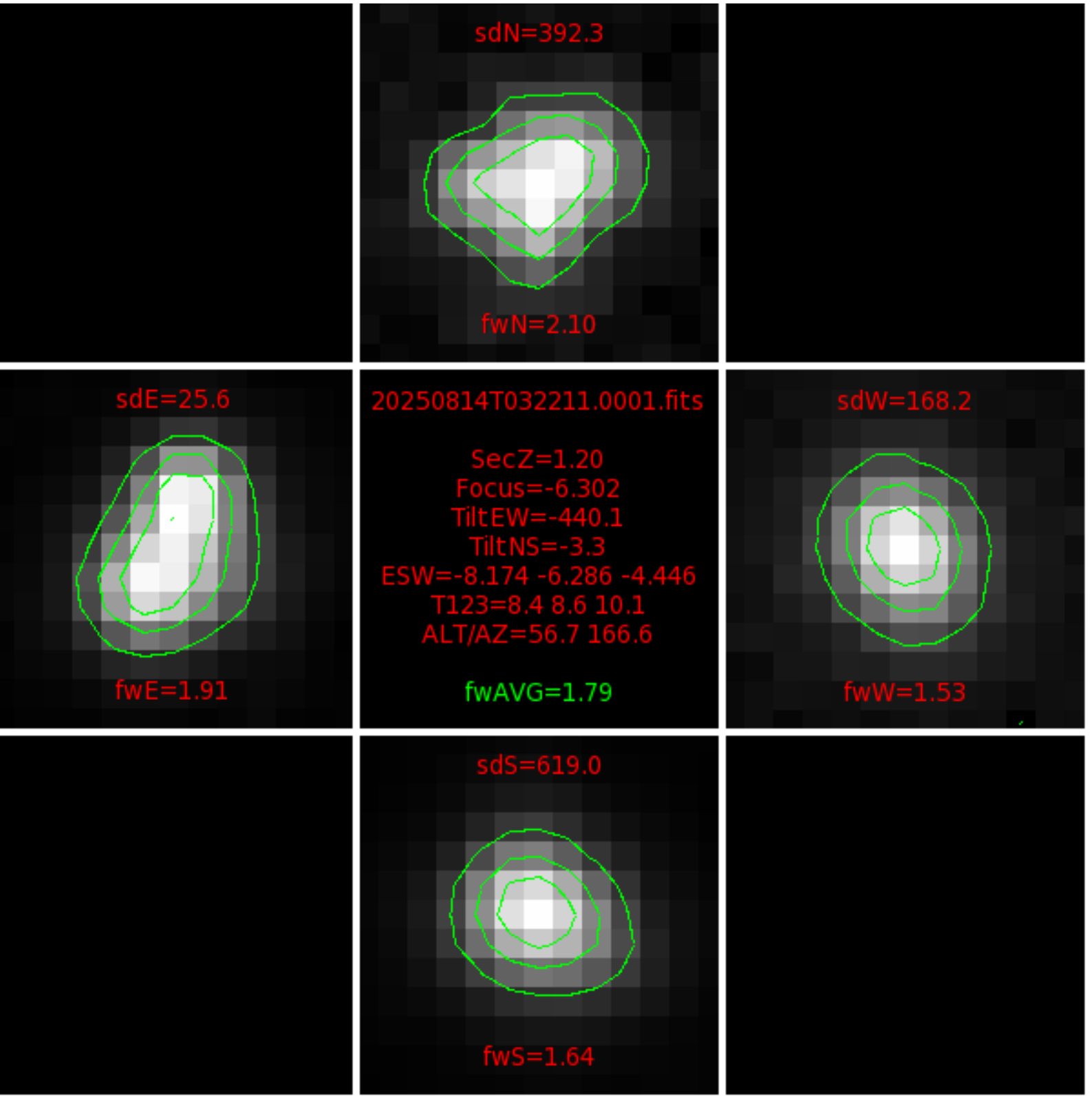
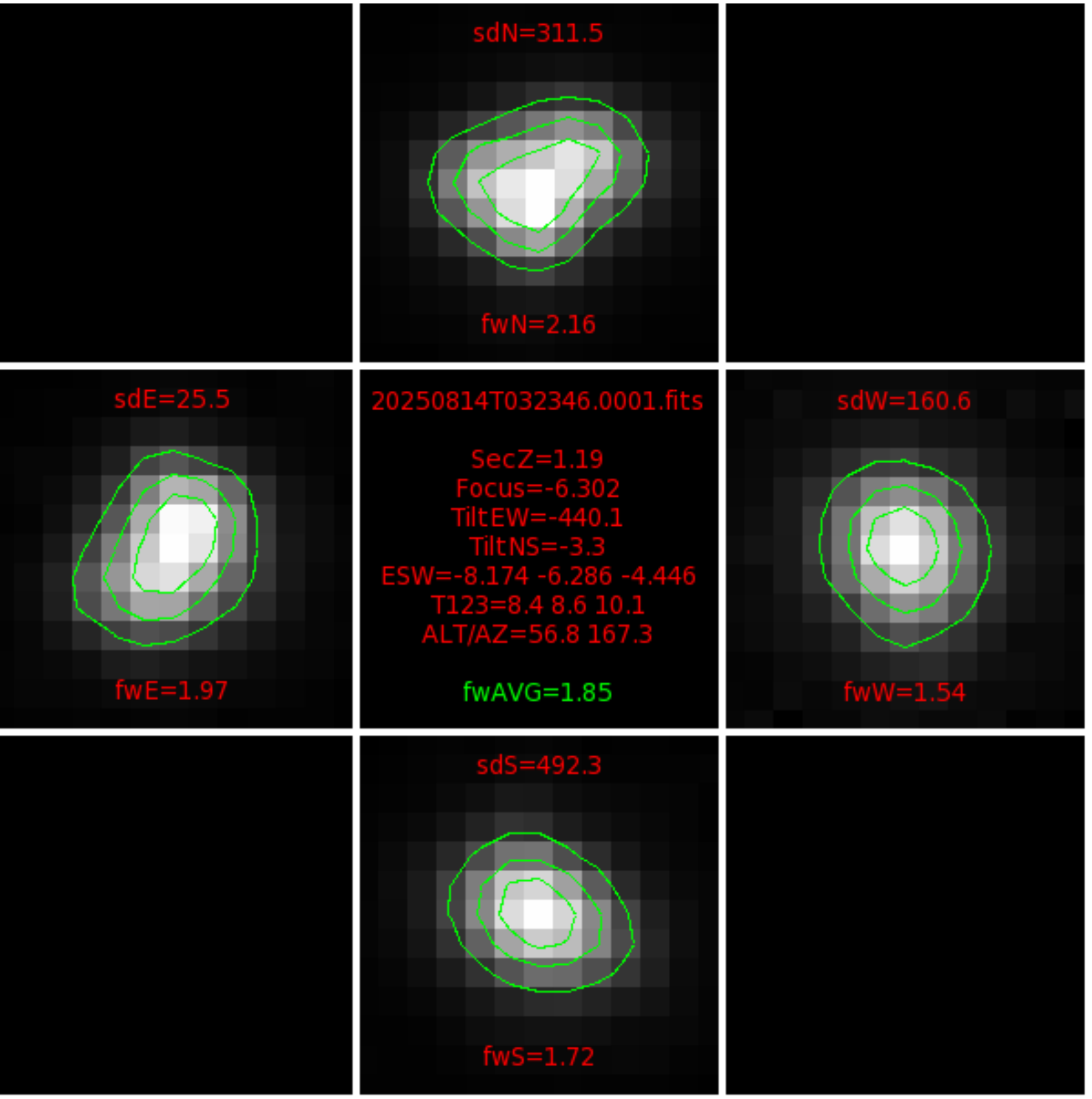

sdN=26.5
fwN=1.83
sdE=790.8
fwE=1.74
20250814T031929.0001.fits
SecZ=1.10
Focus=-6.303
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.175 -6.287 -4.447
T123=8.3 8.6 10.2
ALT/AZ=65.9 164.8
fwAVG=1.63
sdW=713.7
fwW=1.38
sdS=51.6
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=44.4
fwN=1.71
sdE=943.0
fwE=1.72
20250814T032000.0001.fits
SecZ=1.10
Focus=-6.303
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.175 -6.287 -4.447
T123=8.3 8.6 10.1
ALT/AZ=65.9 165.2
fwAVG=1.53
sdW=941.3
fwW=1.32
sdS=91.2
fwS=1.36
0 0 0 0 0 0 0 0 0


sdN=338.0
fwN=1.59
sdE=704.4
fwE=1.81
20250814T032138.0001.fits
SecZ=1.20
Focus=-6.308
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.180 -6.292 -4.452
T123=8.4 8.6 10.1
ALT/AZ=56.7 166.3
fwAVG=1.51
sdW=701.8
fwW=1.29
sdS=383.3
fwS=1.36
0 0 0 0 0 0 0 0 0


sdN=392.3
fwN=2.10
sdE=25.6
fwE=1.91
20250814T032211.0001.fits
SecZ=1.20
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.4 8.6 10.1
ALT/AZ=56.7 166.6
fwAVG=1.79
sdW=168.2
fwW=1.53
sdS=619.0
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=311.5
fwN=2.16
sdE=25.5
fwE=1.97
20250814T032346.0001.fits
SecZ=1.19
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.4 8.6 10.1
ALT/AZ=56.8 167.3
fwAVG=1.85
sdW=160.6
fwW=1.54
sdS=492.3
fwS=1.72
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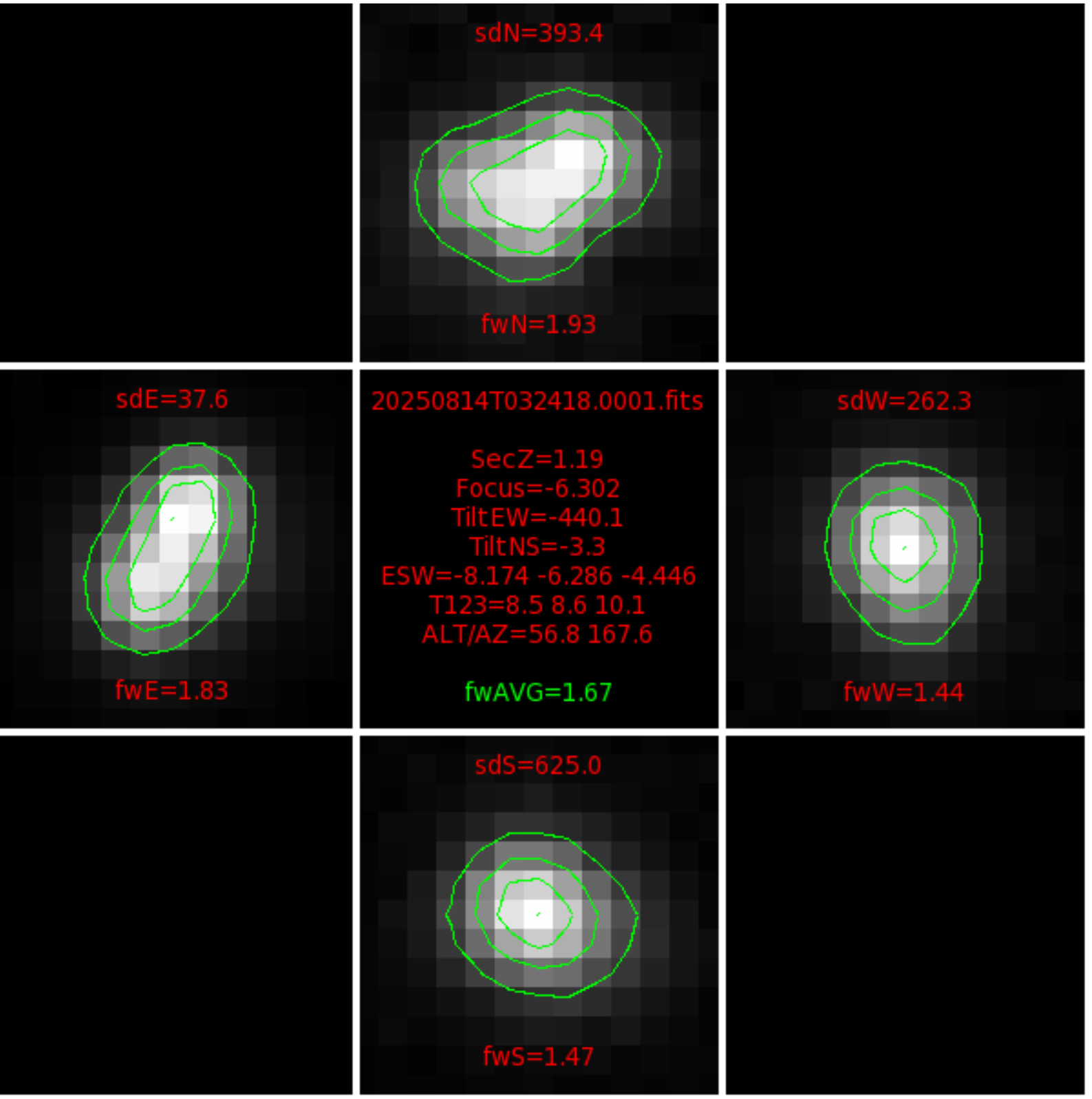
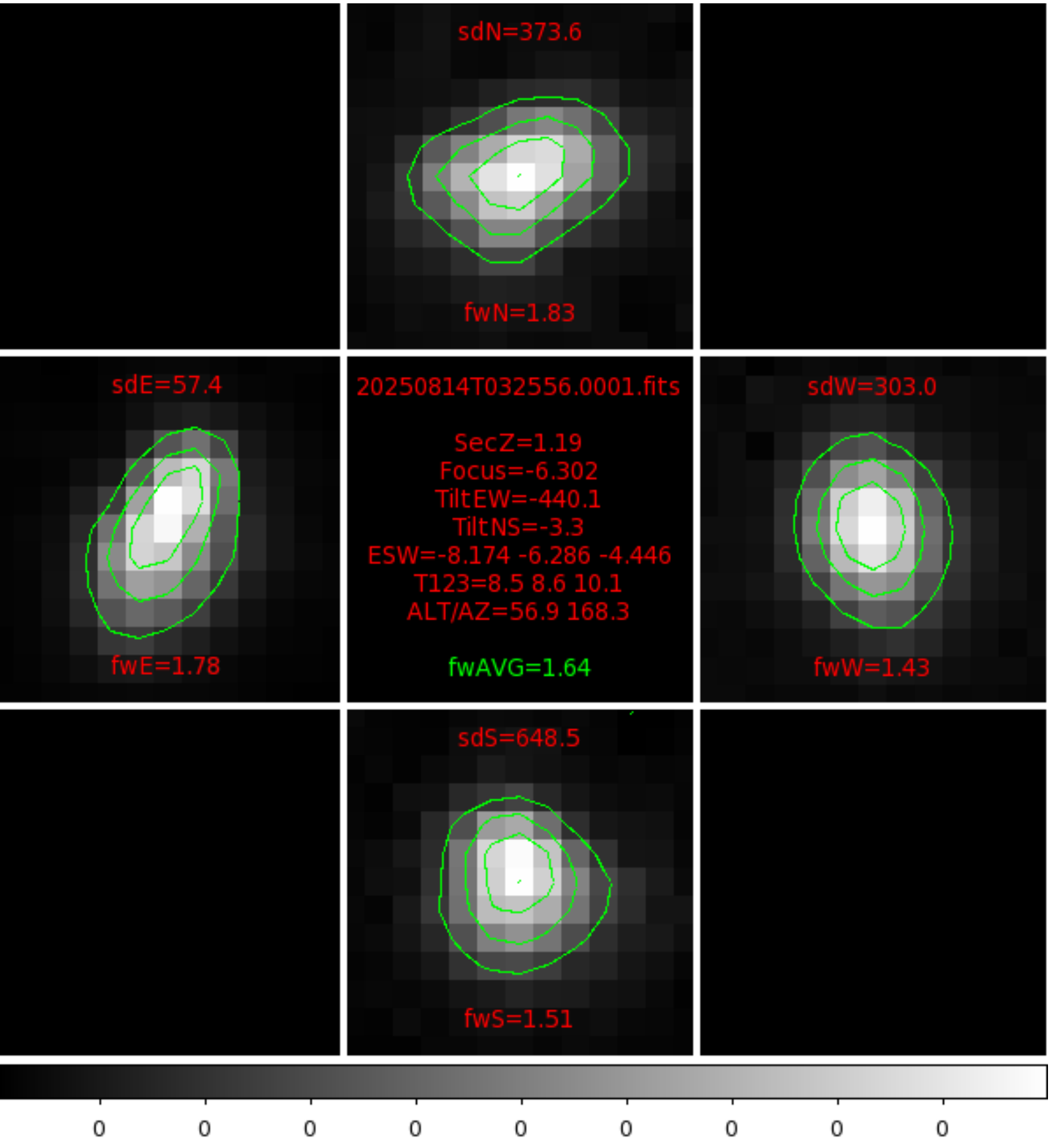

sdN=393.4
fwN=1.93
sdE=37.6
fwE=1.83
20250814T032418.0001.fits
SecZ=1.19
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.5 8.6 10.1
ALT/AZ=56.8 167.6
fwAVG=1.67
sdW=262.3
fwW=1.44
sdS=625.0
fwS=1.47
0 0 0 0 0 0 0 0 0


sdN=373.6
fwN=1.83
sdE=57.4
fwE=1.78
20250814T032556.0001.fits
SecZ=1.19
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.5 8.6 10.1
ALT/AZ=56.9 168.3
fwAVG=1.64
sdW=303.0
fwW=1.43
sdS=648.5
fwS=1.51
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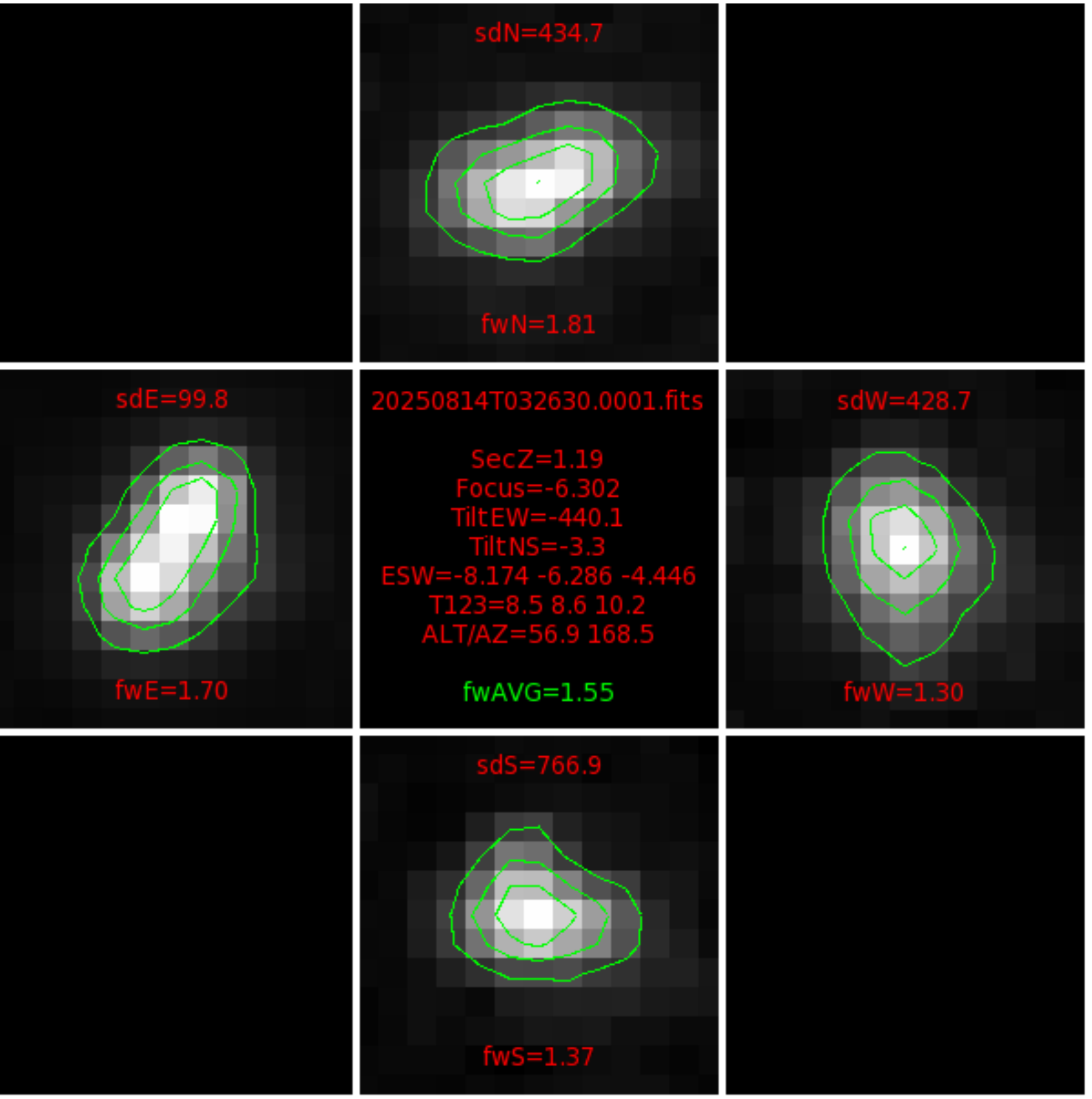
sdN=434.7
fwN=1.81
sdE=99.8
fwE=1.70
20250814T032630.0001.fits
SecZ=1.19
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.5 8.6 10.2
ALT/AZ=56.9 168.5
fwAVG=1.55
sdW=428.7
fwW=1.30
sdS=766.9
fwS=1.37
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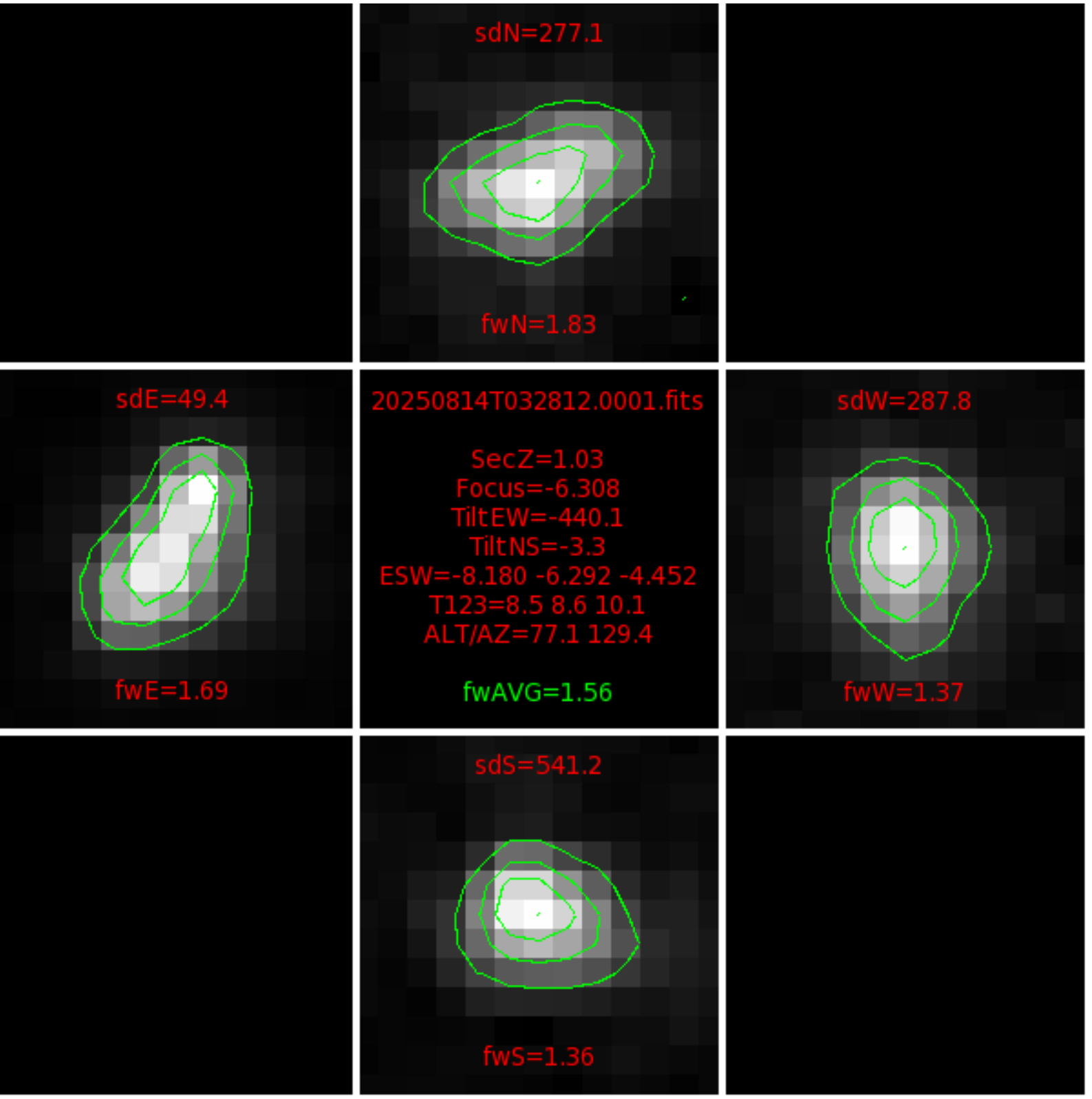
sdN=277.1
fwN=1.83
sdE=49.4
fwE=1.69
20250814T032812.0001.fits
SecZ=1.03
Focus=-6.308
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.180 -6.292 -4.452
T123=8.5 8.6 10.1
ALT/AZ=77.1 129.4
fwAVG=1.56
sdW=287.8
fwW=1.37
sdS=541.2
fwS=1.36
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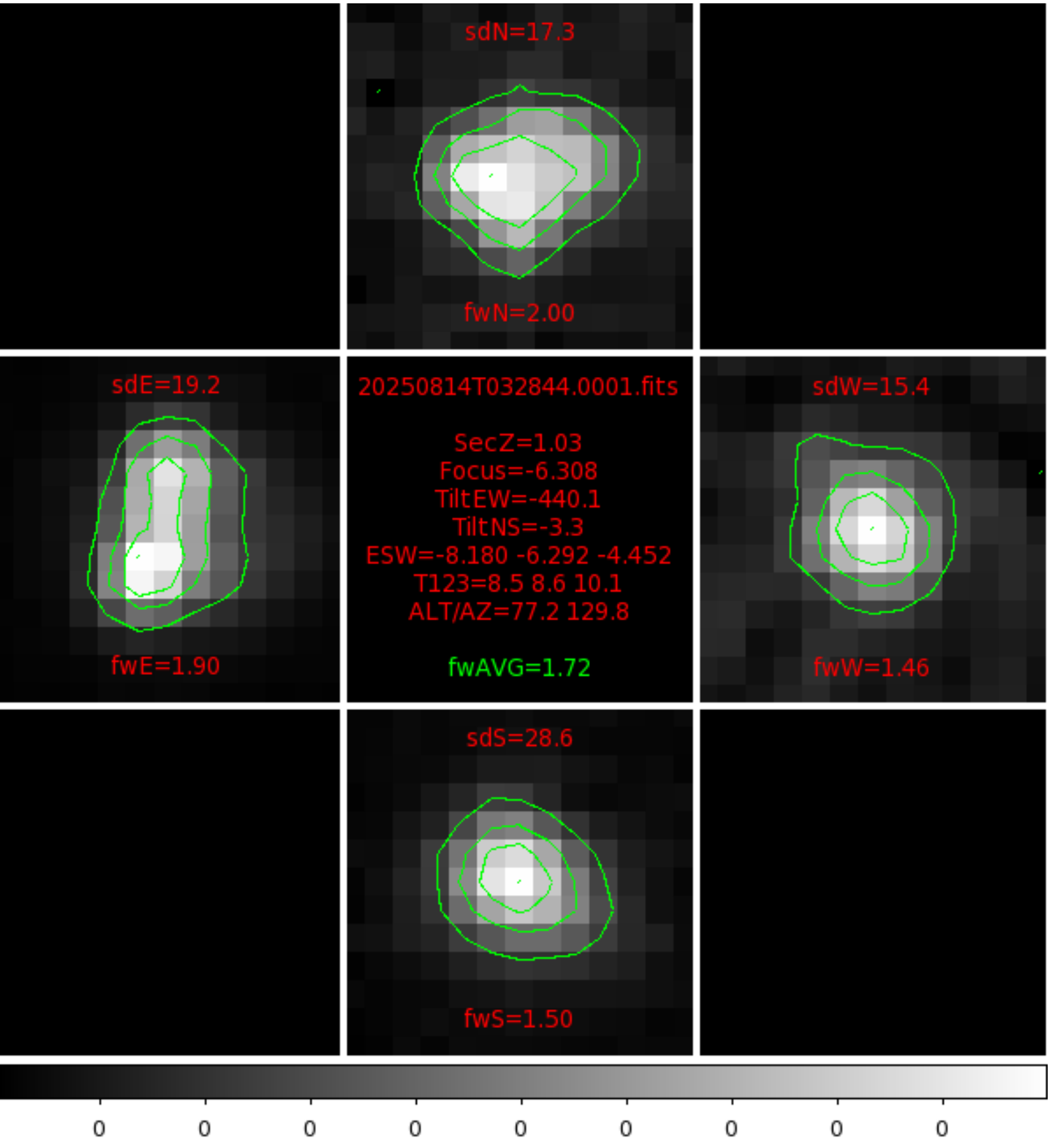
sdN=17.3
fwN=2.00
sdE=19.2
fwE=1.90
20250814T032844.0001.fits
SecZ=1.03
Focus=-6.308
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.180 -6.292 -4.452
T123=8.5 8.6 10.1
ALT/AZ=77.2 129.8
fwAVG=1.72
sdW=15.4
fwW=1.46
sdS=28.6
fwS=1.50
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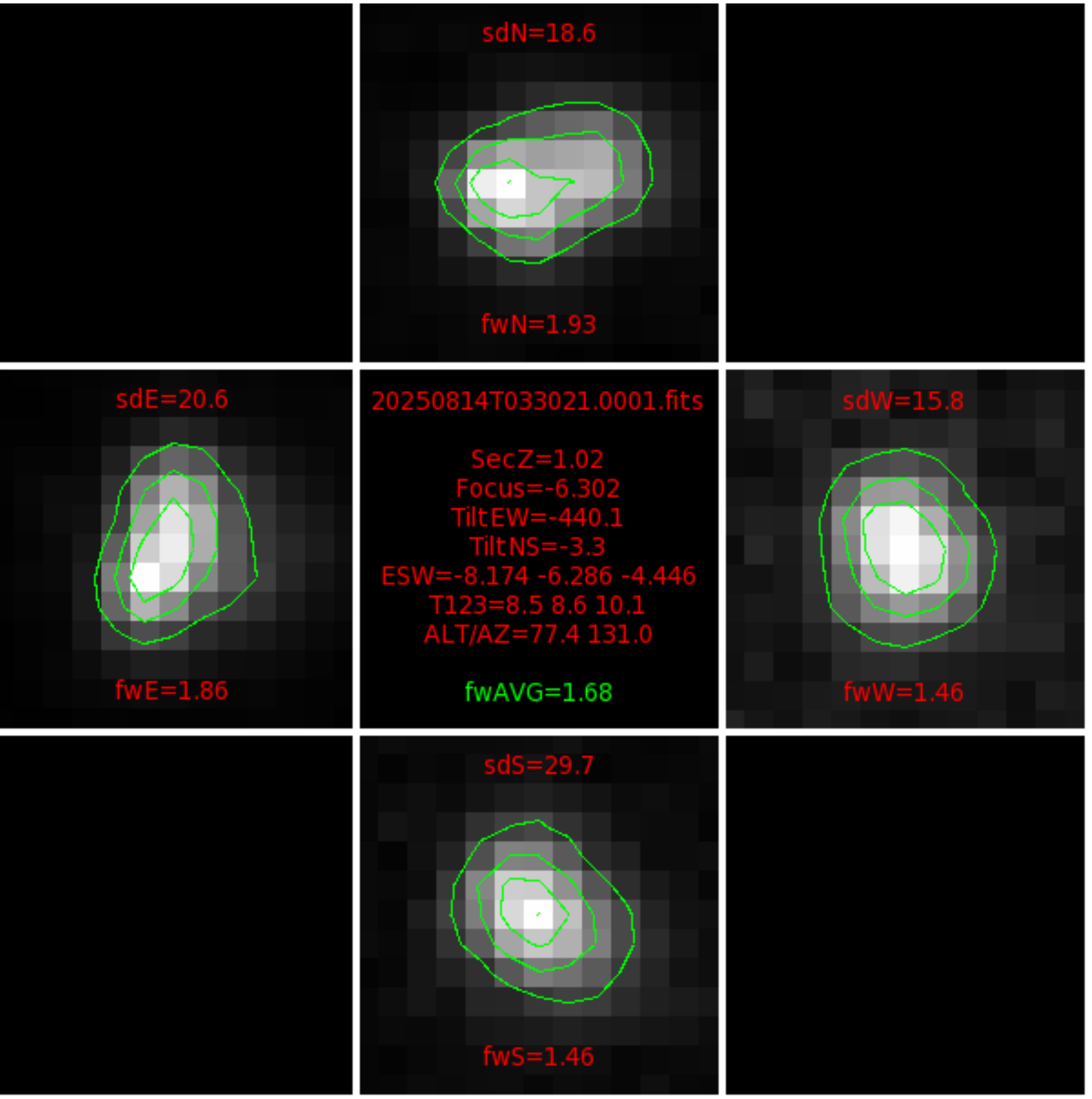
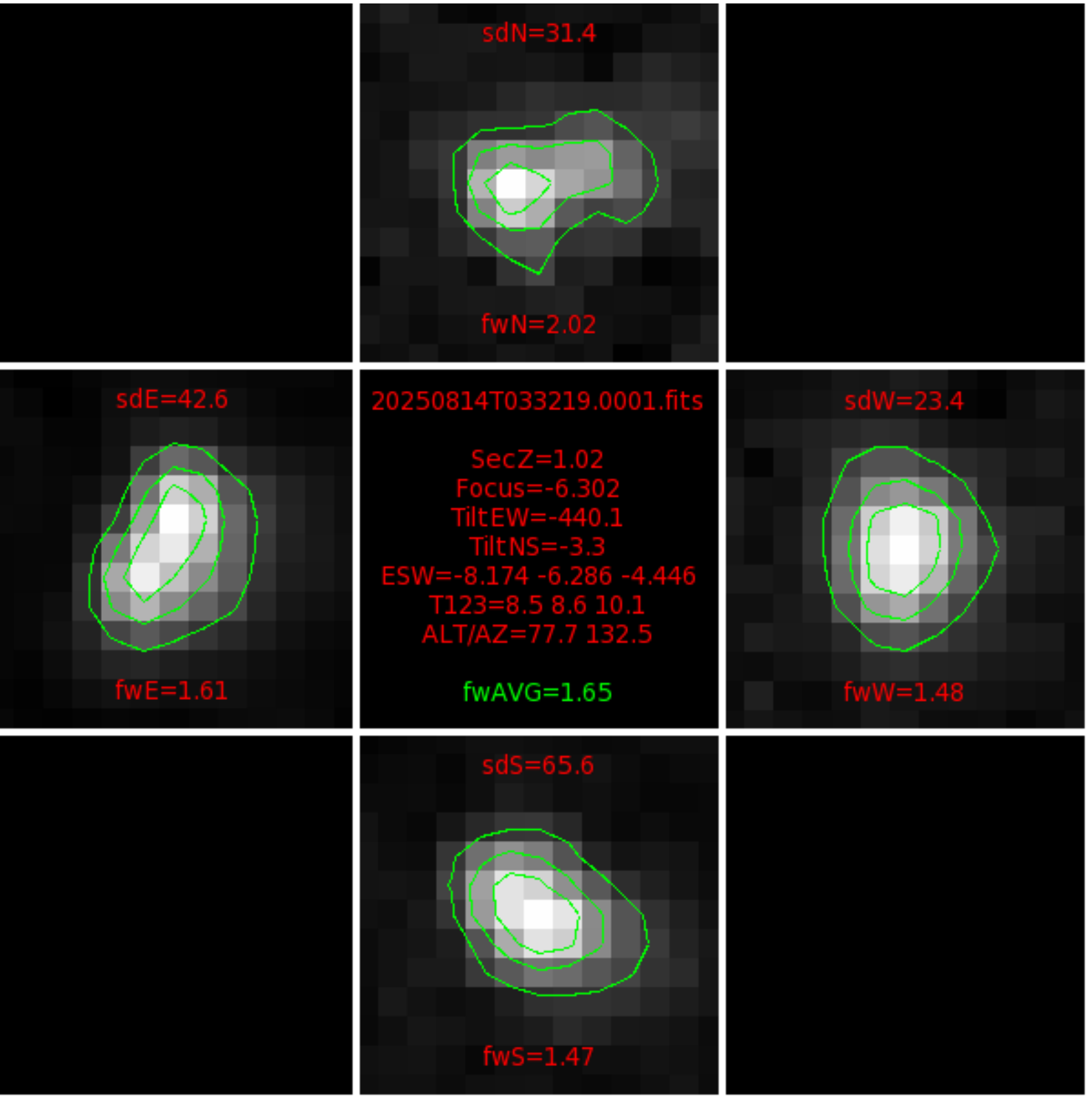
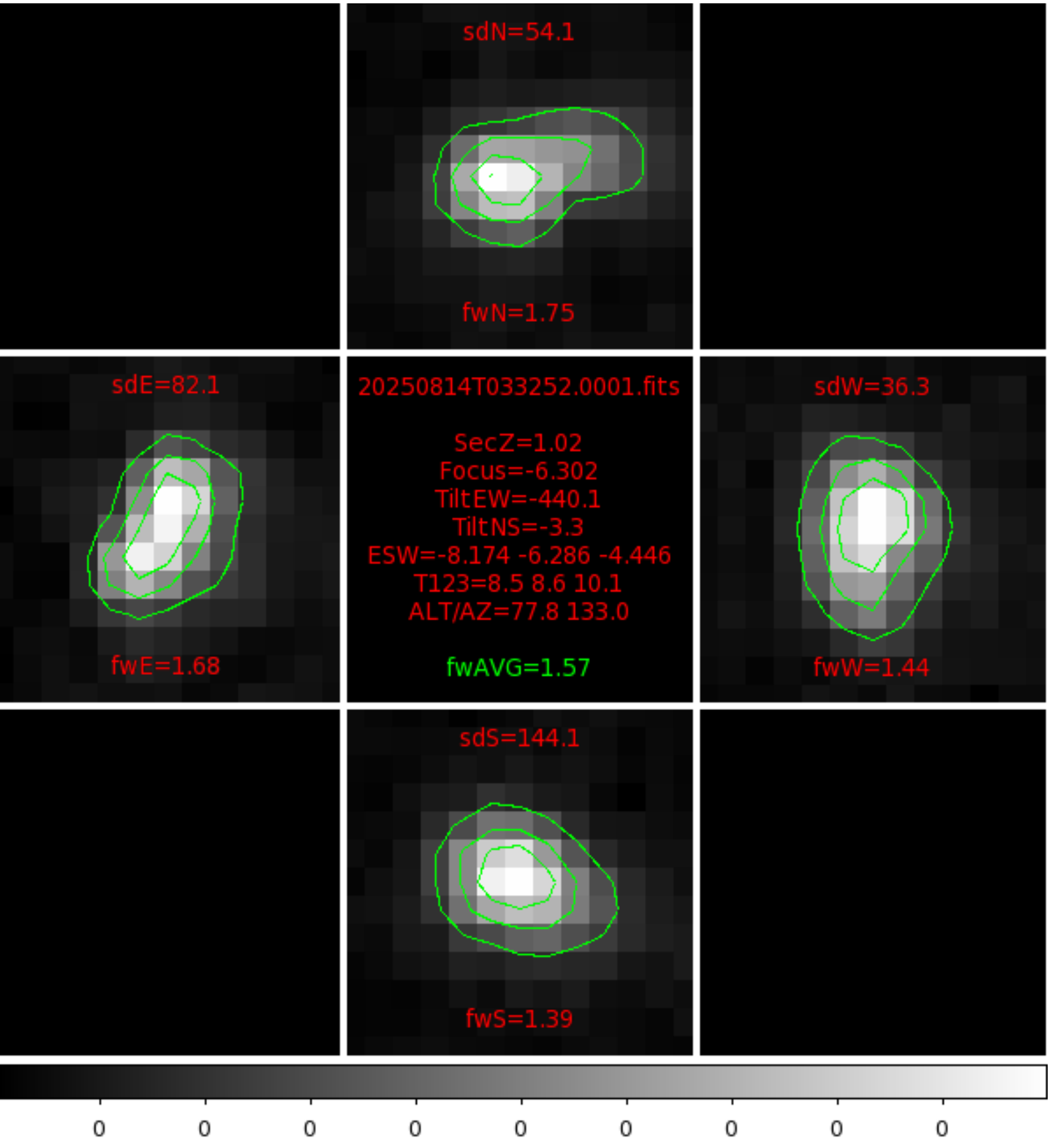
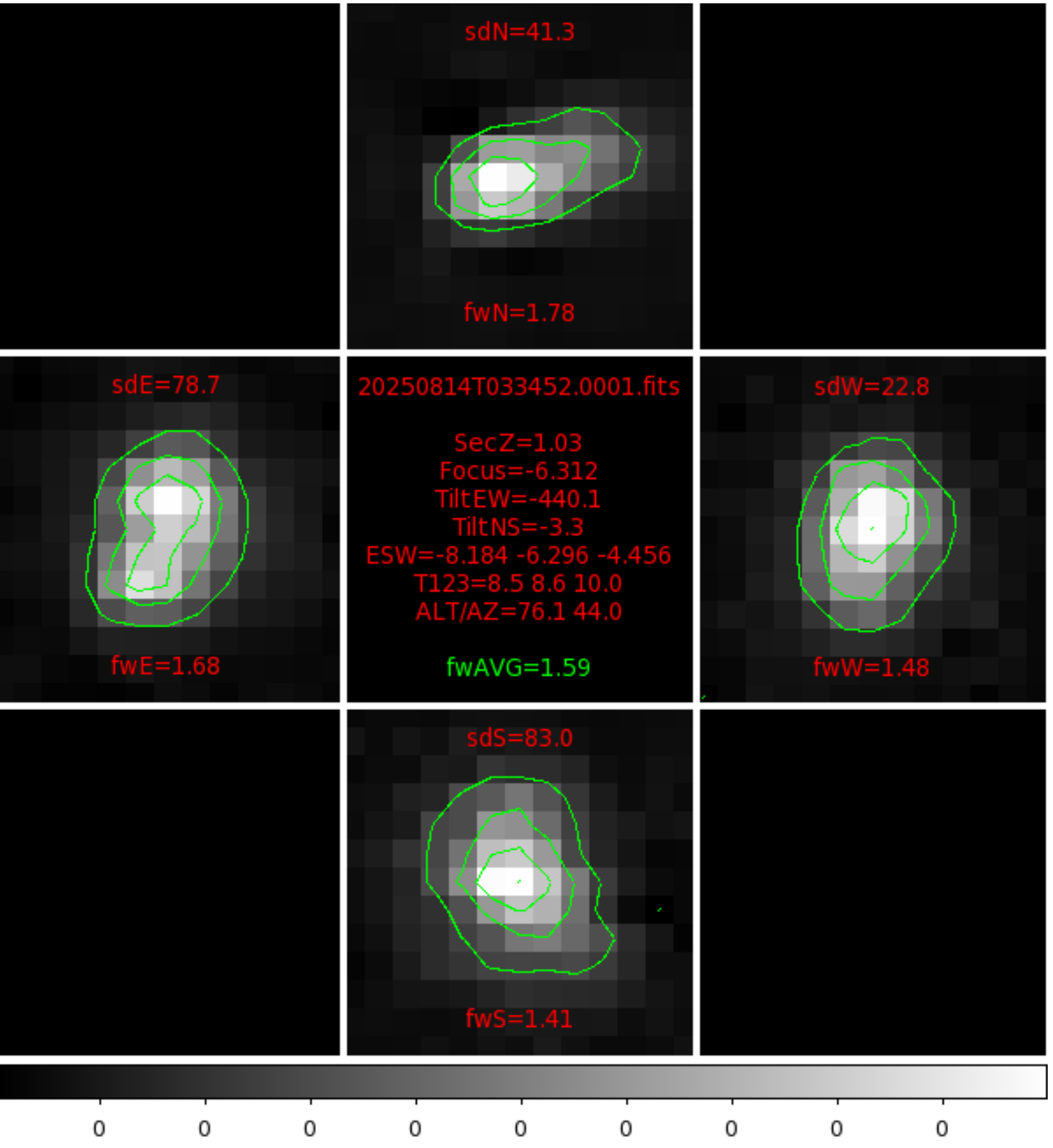

sdN=18.6
fwN=1.93
sdE=20.6
fwE=1.86
20250814T033021.0001.fits
SecZ=1.02
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.5 8.6 10.1
ALT/AZ=77.4 131.0
fwAVG=1.68
sdW=15.8
fwW=1.46
sdS=29.7
fwS=1.46
0 0 0 0 0 0 0 0 0


sdN=31.4
fwN=2.02
sdE=42.6
fwE=1.61
20250814T033219.0001.fits
SecZ=1.02
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.5 8.6 10.1
ALT/AZ=77.7 132.5
fwAVG=1.65
sdW=23.4
fwW=1.48
sdS=65.6
fwS=1.47
0 0 0 0 0 0 0 0 0


sdN=54.1
fwN=1.75
sdE=82.1
fwE=1.68
20250814T033252.0001.fits
SecZ=1.02
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.5 8.6 10.1
ALT/AZ=77.8 133.0
fwAVG=1.57
sdW=36.3
fwW=1.44
sdS=144.1
fwS=1.39
0 0 0 0 0 0 0 0 0


sdN=41.3
fwN=1.78
sdE=78.7
fwE=1.68
20250814T033452.0001.fits
SecZ=1.03
Focus=-6.312
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.184 -6.296 -4.456
T123=8.5 8.6 10.0
ALT/AZ=76.1 44.0
fwAVG=1.59
sdW=22.8
fwW=1.48
sdS=83.0
fwS=1.41
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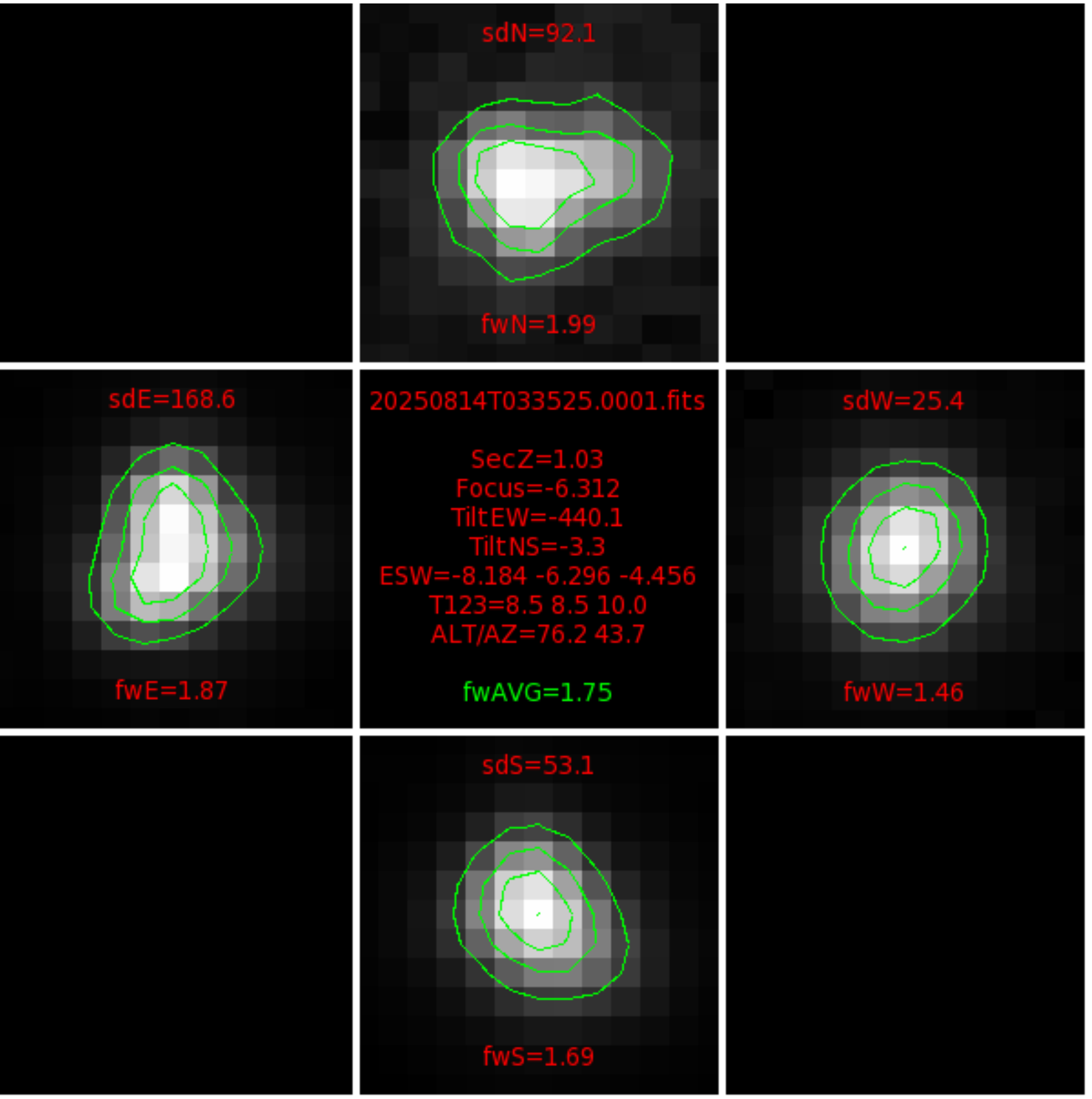
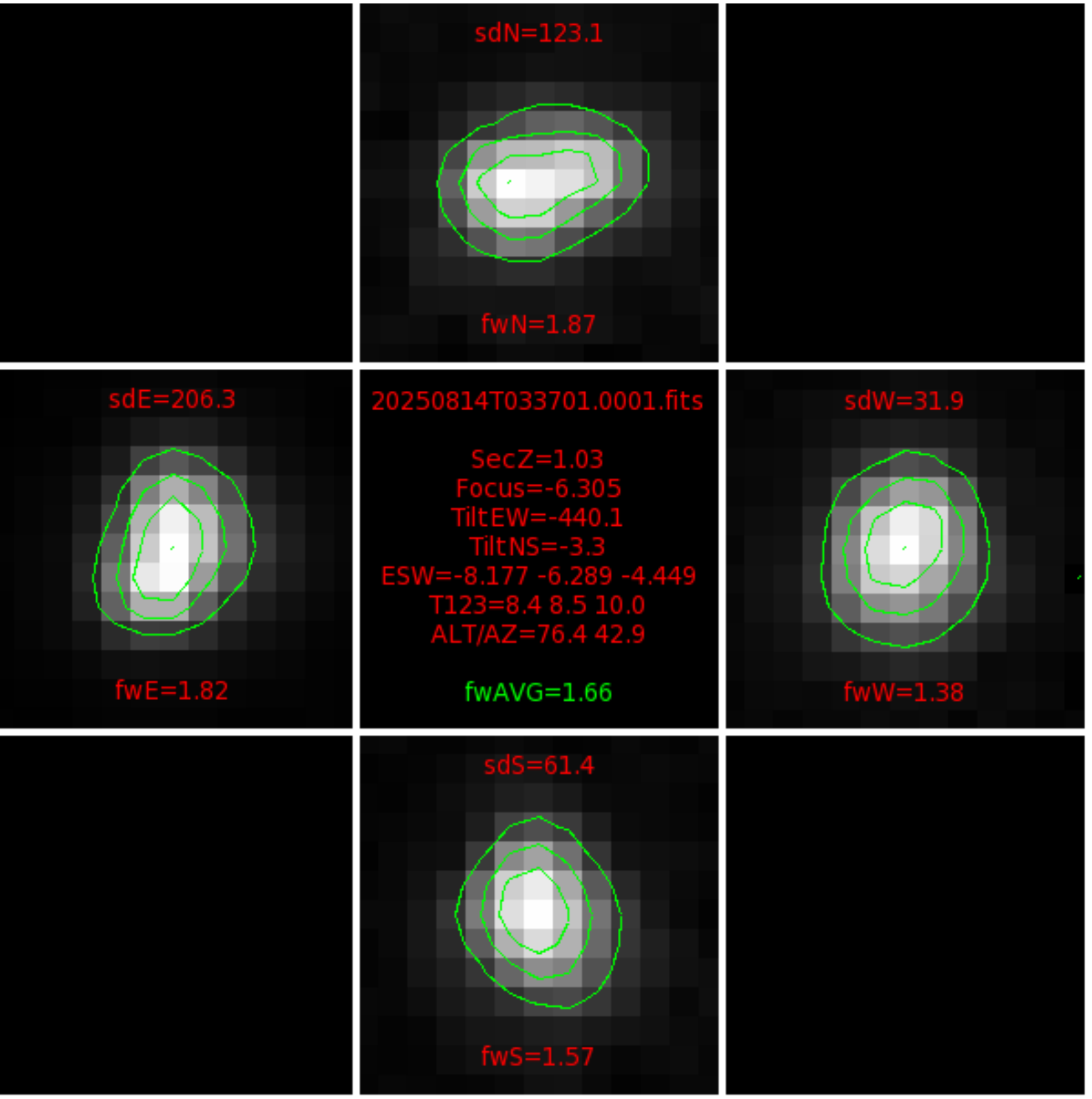

sdN=92.1
fwN=1.99
sdE=168.6
fwE=1.87
20250814T033525.0001.fits
SecZ=1.03
Focus=-6.312
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.184 -6.296 -4.456
T123=8.5 8.5 10.0
ALT/AZ=76.2 43.7
fwAVG=1.75
sdW=25.4
fwW=1.46
sdS=53.1
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=123.1
fwN=1.87
sdE=206.3
fwE=1.82
20250814T033701.0001.fits
SecZ=1.03
Focus=-6.305
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.177 -6.289 -4.449
T123=8.4 8.5 10.0
ALT/AZ=76.4 42.9
fwAVG=1.66
sdW=31.9
fwW=1.38
sdS=61.4
fwS=1.57
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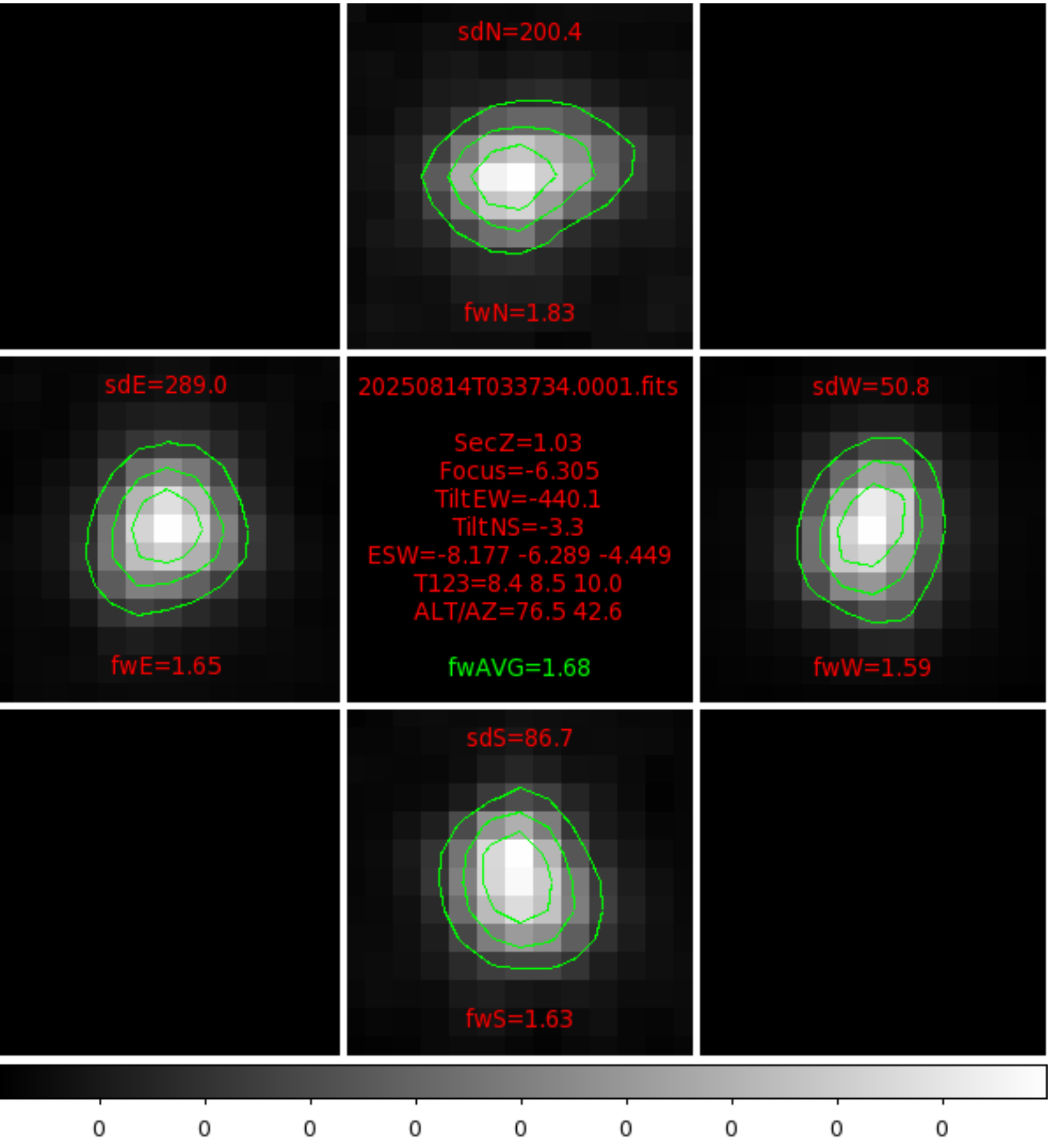
sdN=200.4
fwN=1.83
sdE=289.0
fwE=1.65
20250814T033734.0001.fits
SecZ=1.03
Focus=-6.305
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.177 -6.289 -4.449
T123=8.4 8.5 10.0
ALT/AZ=76.5 42.6
fwAVG=1.68
sdW=50.8
fwW=1.59
sdS=86.7
fwS=1.63
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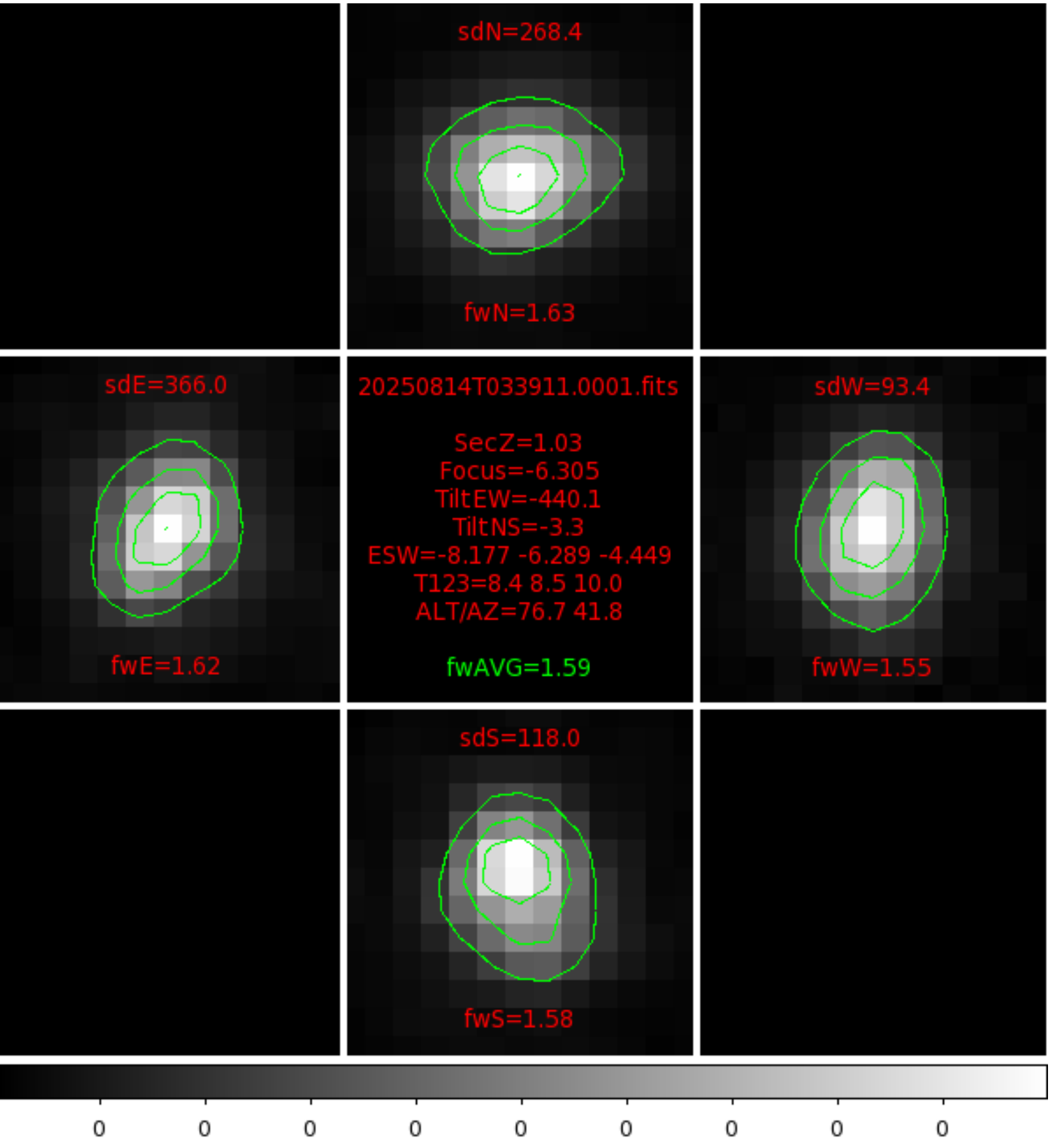
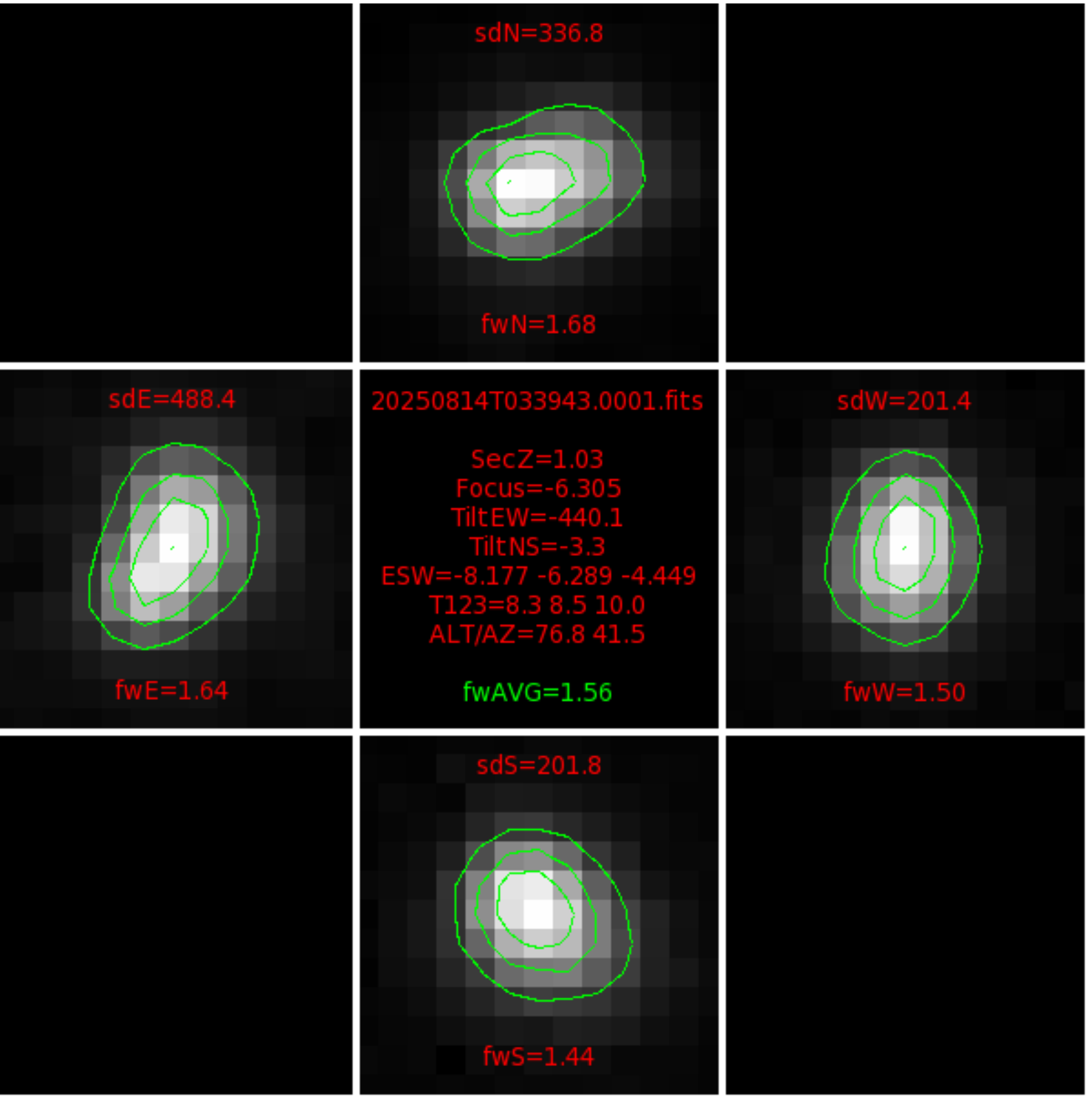

sdN=268.4
fwN=1.63
sdE=366.0
fwE=1.62
20250814T033911.0001.fits
SecZ=1.03
Focus=-6.305
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.177 -6.289 -4.449
T123=8.4 8.5 10.0
ALT/AZ=76.7 41.8
fwAVG=1.59
sdW=93.4
fwW=1.55
sdS=118.0
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=336.8
fwN=1.68
sdE=488.4
fwE=1.64
20250814T033943.0001.fits
SecZ=1.03
Focus=-6.305
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.177 -6.289 -4.449
T123=8.3 8.5 10.0
ALT/AZ=76.8 41.5
fwAVG=1.56
sdW=201.4
fwW=1.50
sdS=201.8
fwS=1.44
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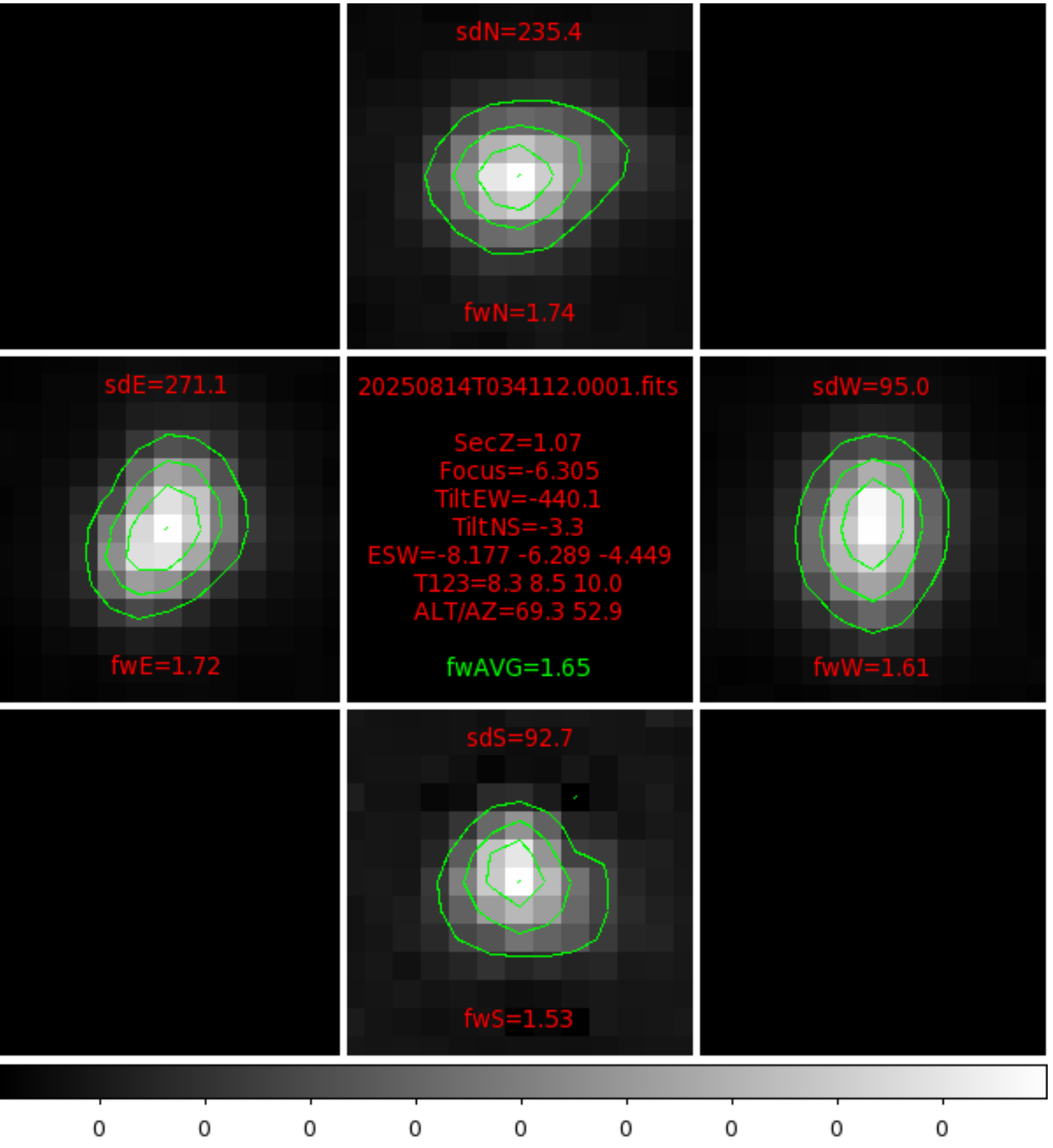
sdN=235.4
fwN=1.74
sdE=271.1
fwE=1.72
20250814T034112.0001.fits
SecZ=1.07
Focus=-6.305
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.177 -6.289 -4.449
T123=8.3 8.5 10.0
ALT/AZ=69.3 52.9
fwAVG=1.65
sdW=95.0
fwW=1.61
sdS=92.7
fwS=1.53
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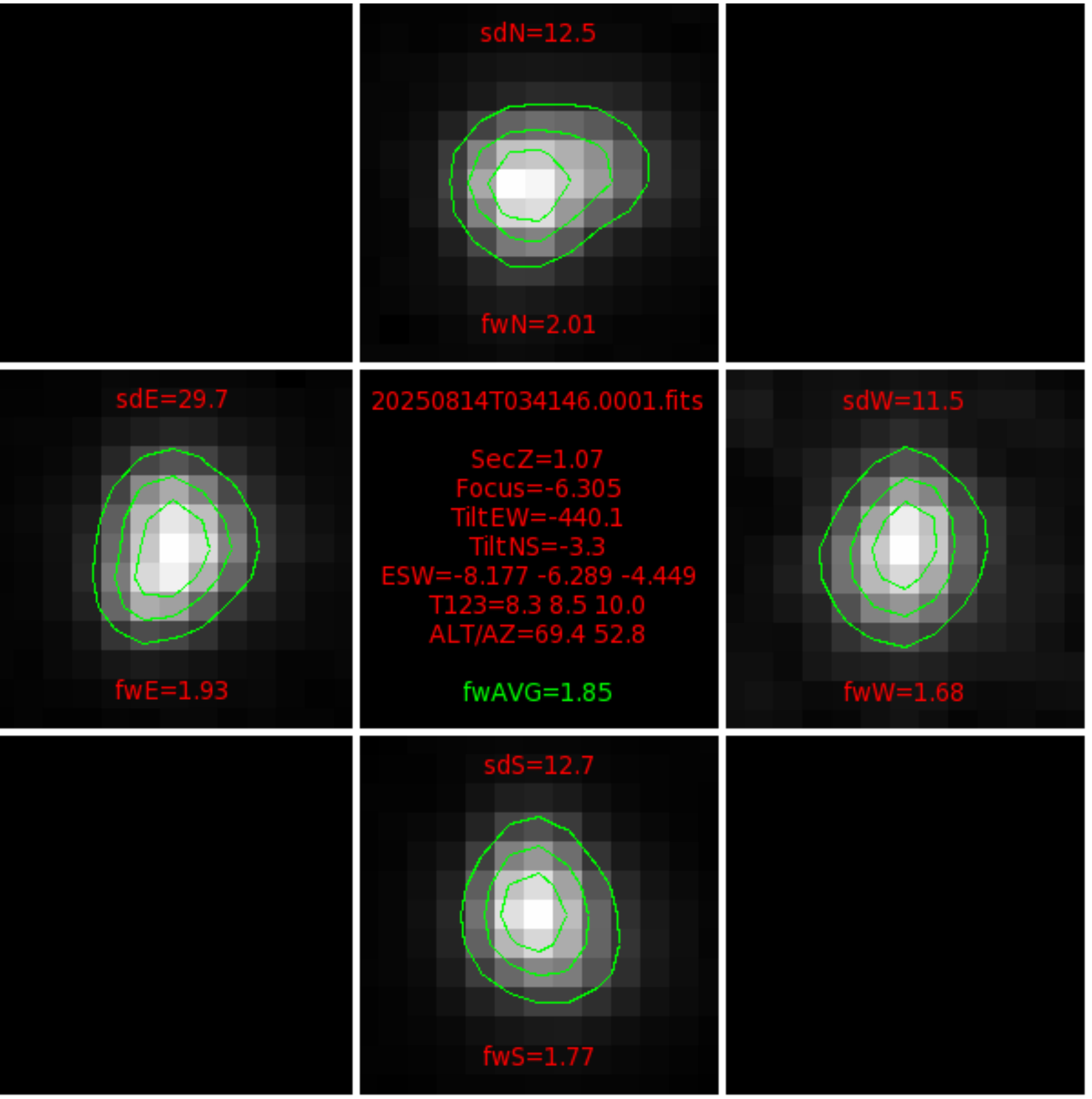
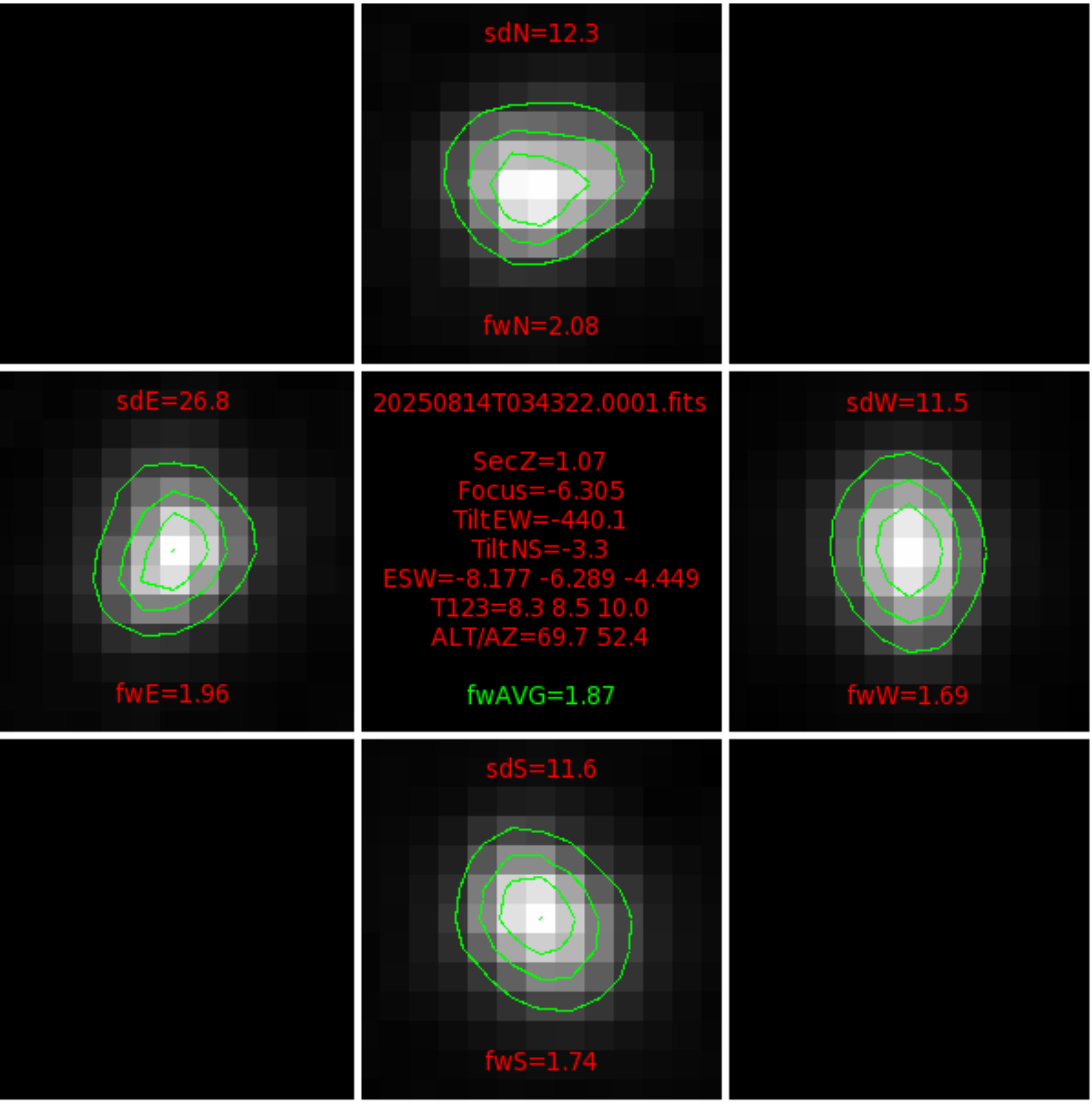
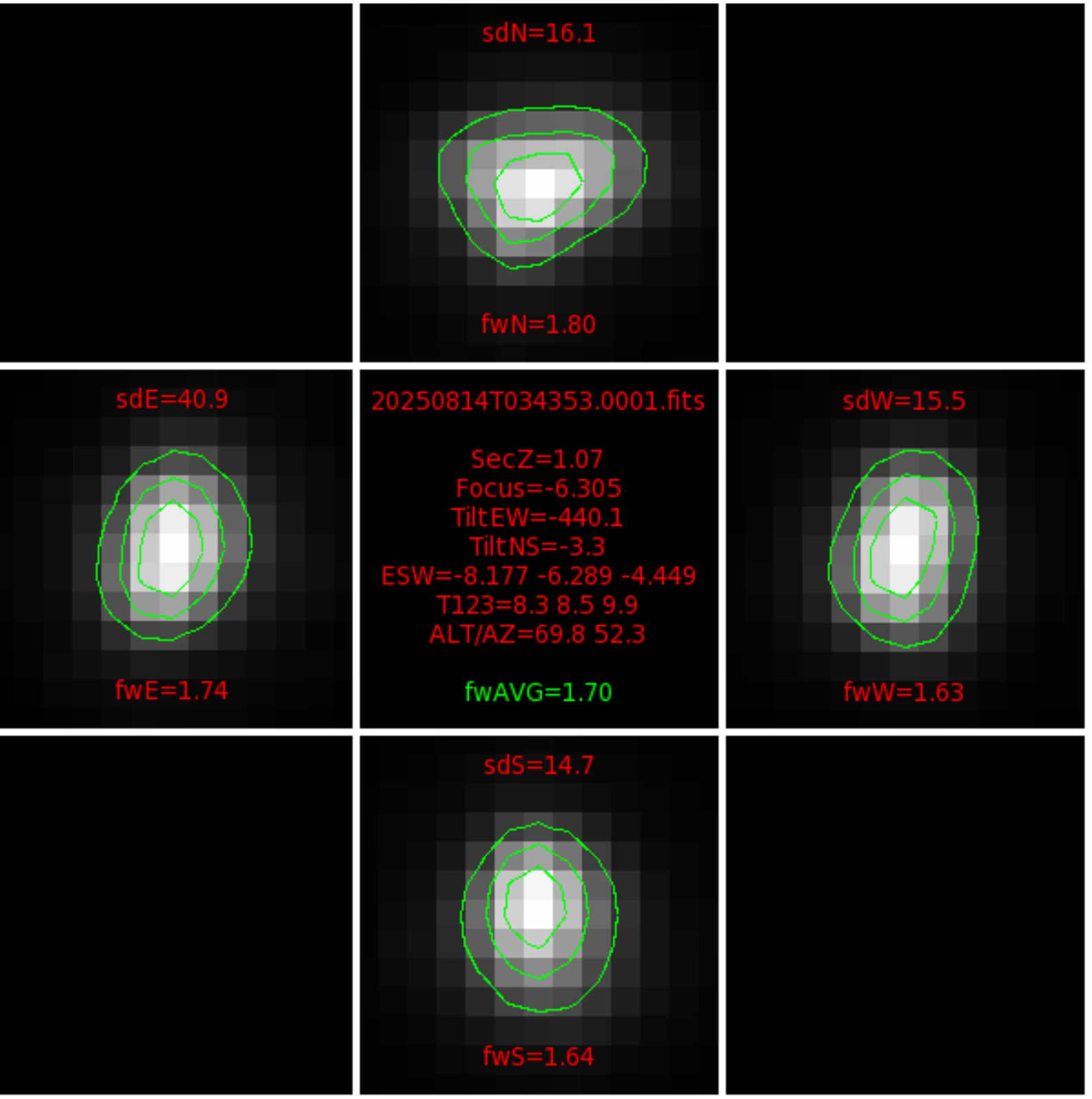

sdN=12.5
fwN=2.01
sdE=29.7
fwE=1.93
20250814T034146.0001.fits
SecZ=1.07
Focus=-6.305
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.177 -6.289 -4.449
T123=8.3 8.5 10.0
ALT/AZ=69.4 52.8
fwAVG=1.85
sdW=11.5
fwW=1.68
sdS=12.7
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=12.3
fwN=2.08
sdE=26.8
fwE=1.96
20250814T034322.0001.fits
SecZ=1.07
Focus=-6.305
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.177 -6.289 -4.449
T123=8.3 8.5 10.0
ALT/AZ=69.7 52.4
fwAVG=1.87
sdW=11.5
fwW=1.69
sdS=11.6
fwS=1.74
0 0 0 0 0 0 0 0 0


sdN=16.1
fwN=1.80
sdE=40.9
fwE=1.74
20250814T034353.0001.fits
SecZ=1.07
Focus=-6.305
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.177 -6.289 -4.449
T123=8.3 8.5 9.9
ALT/AZ=69.8 52.3
fwAVG=1.70
sdW=15.5
fwW=1.63
sdS=14.7
fwS=1.64
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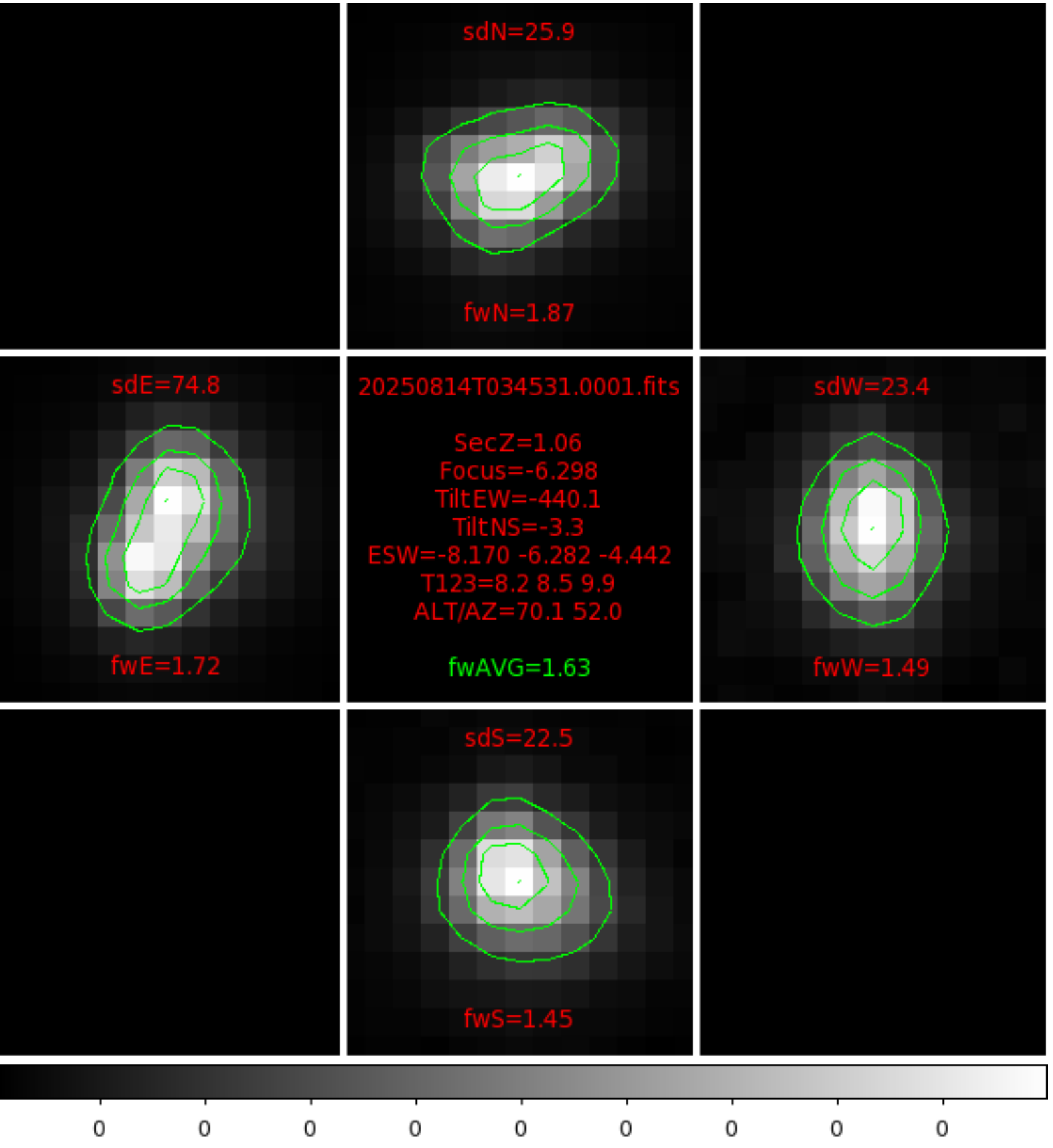
sdN=25.9
fwN=1.87
sdE=74.8
fwE=1.72
20250814T034531.0001.fits
SecZ=1.06
Focus=-6.298
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.170 -6.282 -4.442
T123=8.2 8.5 9.9
ALT/AZ=70.1 52.0
fwAVG=1.63
sdW=23.4
fwW=1.49
sdS=22.5
fwS=1.45
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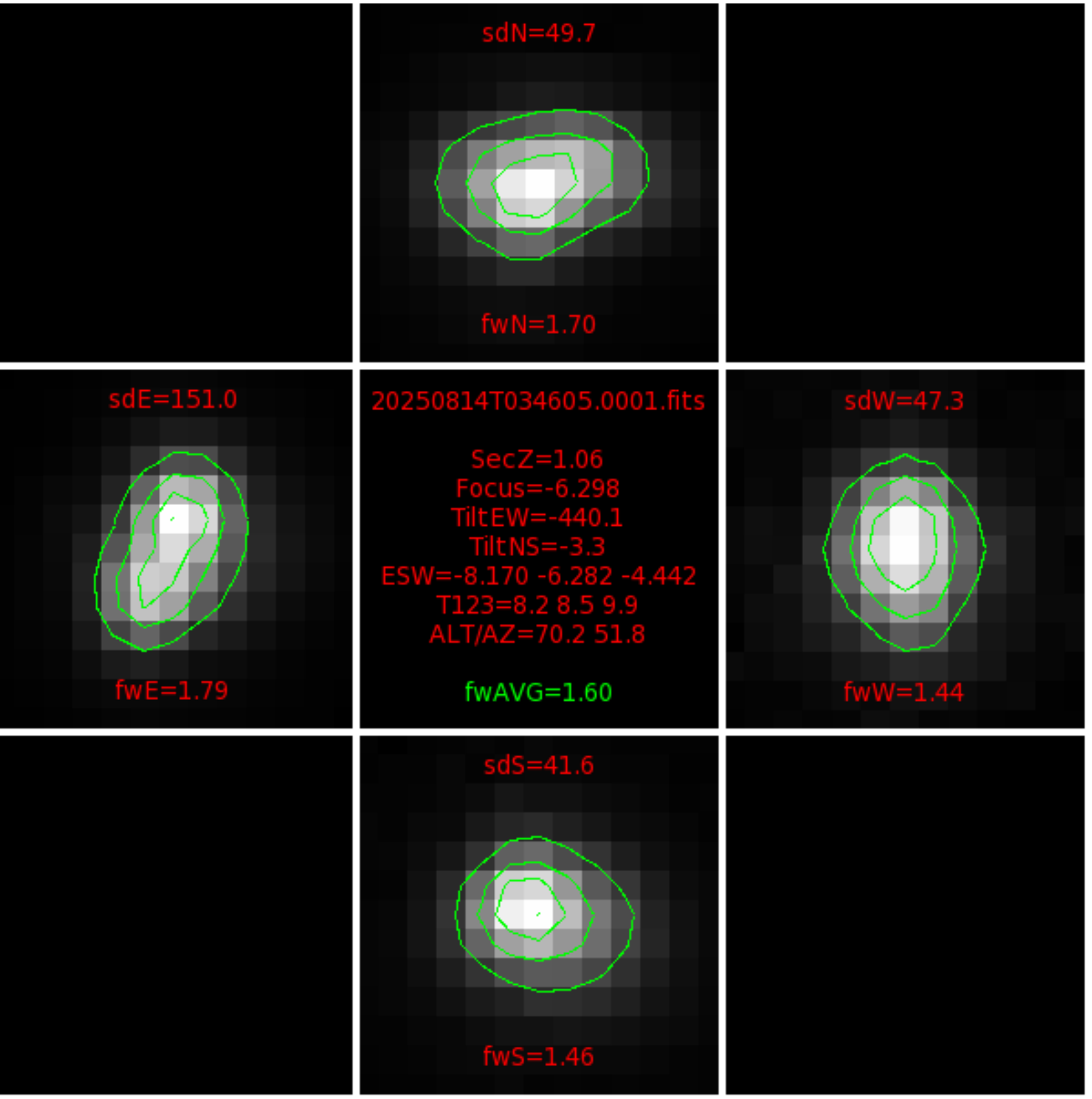
sdN=49.7
fwN=1.70
sdE=151.0
fwE=1.79
20250814T034605.0001.fits
SecZ=1.06
Focus=-6.298
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.170 -6.282 -4.442
T123=8.2 8.5 9.9
ALT/AZ=70.2 51.8
fwAVG=1.60
sdW=47.3
fwW=1.44
sdS=41.6
fwS=1.46
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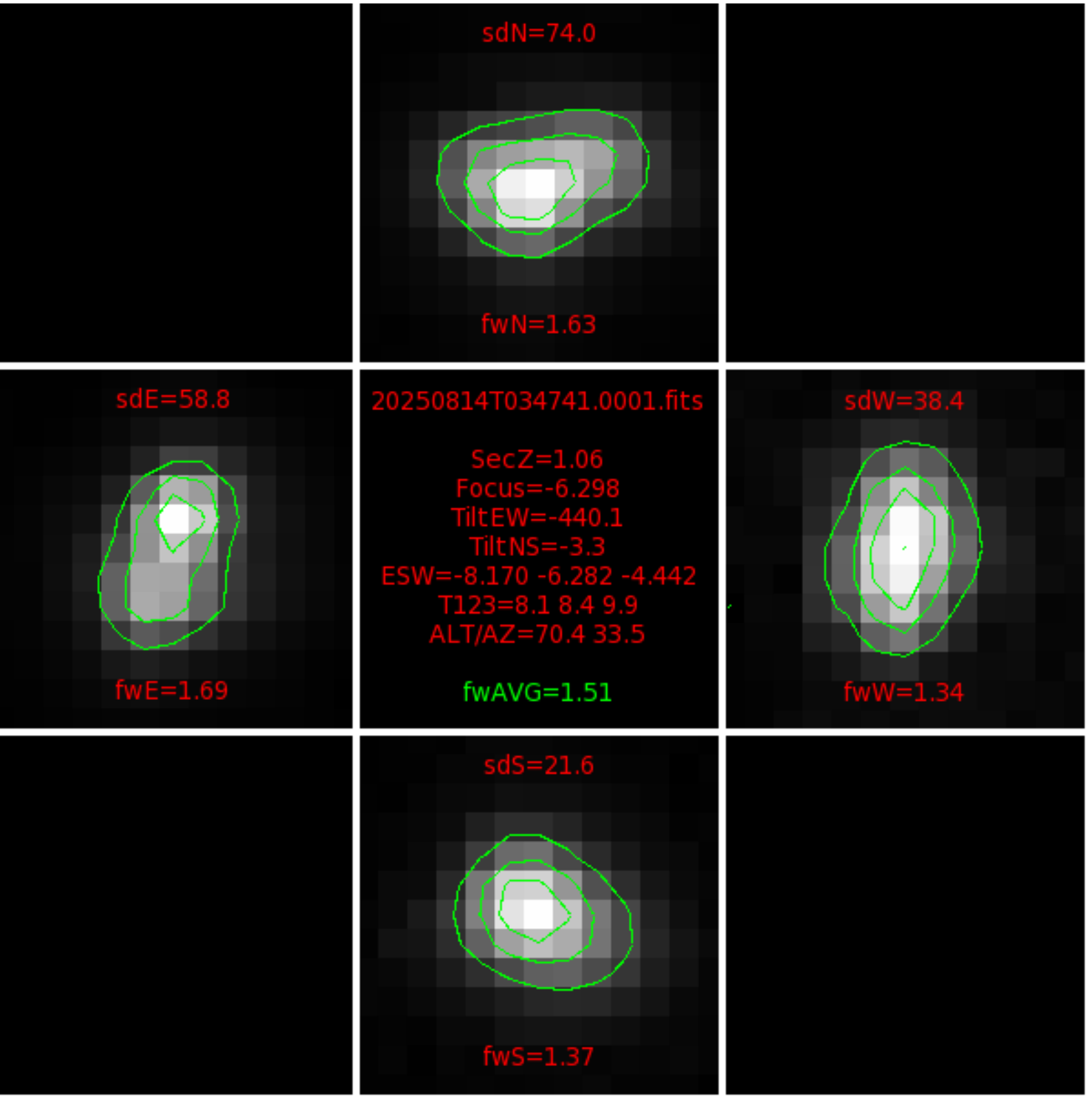
sdN=74.0
fwN=1.63
sdE=58.8
fwE=1.69
20250814T034741.0001.fits
SecZ=1.06
Focus=-6.298
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.170 -6.282 -4.442
T123=8.1 8.4 9.9
ALT/AZ=70.4 33.5
fwAVG=1.51
sdW=38.4
fwW=1.34
sdS=21.6
fwS=1.37
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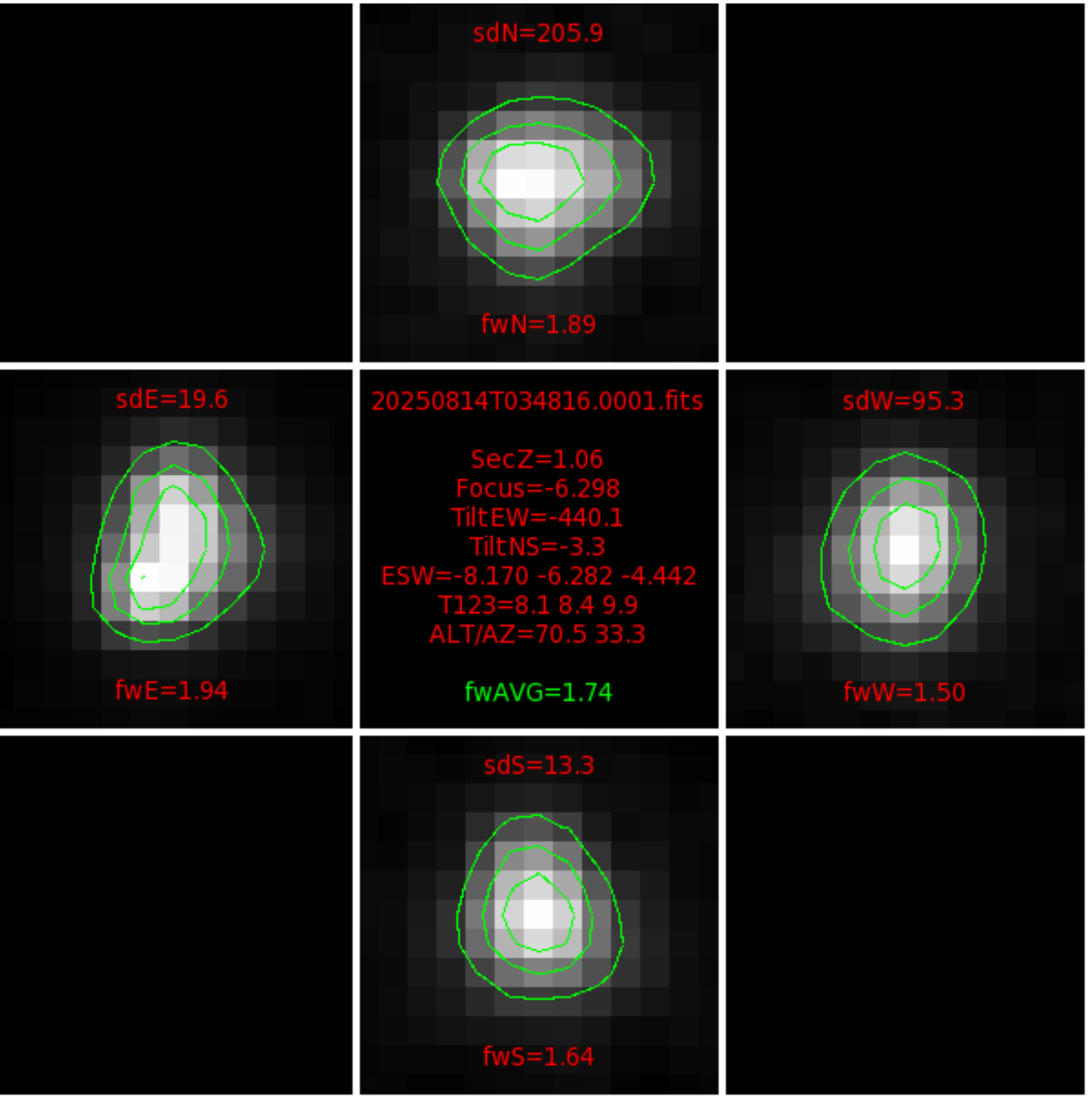
sdN=205.9
fwN=1.89
sdE=19.6
fwE=1.94
20250814T034816.0001.fits
SecZ=1.06
Focus=-6.298
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.170 -6.282 -4.442
T123=8.1 8.4 9.9
ALT/AZ=70.5 33.3
fwAVG=1.74
sdW=95.3
fwW=1.50
sdS=13.3
fwS=1.64
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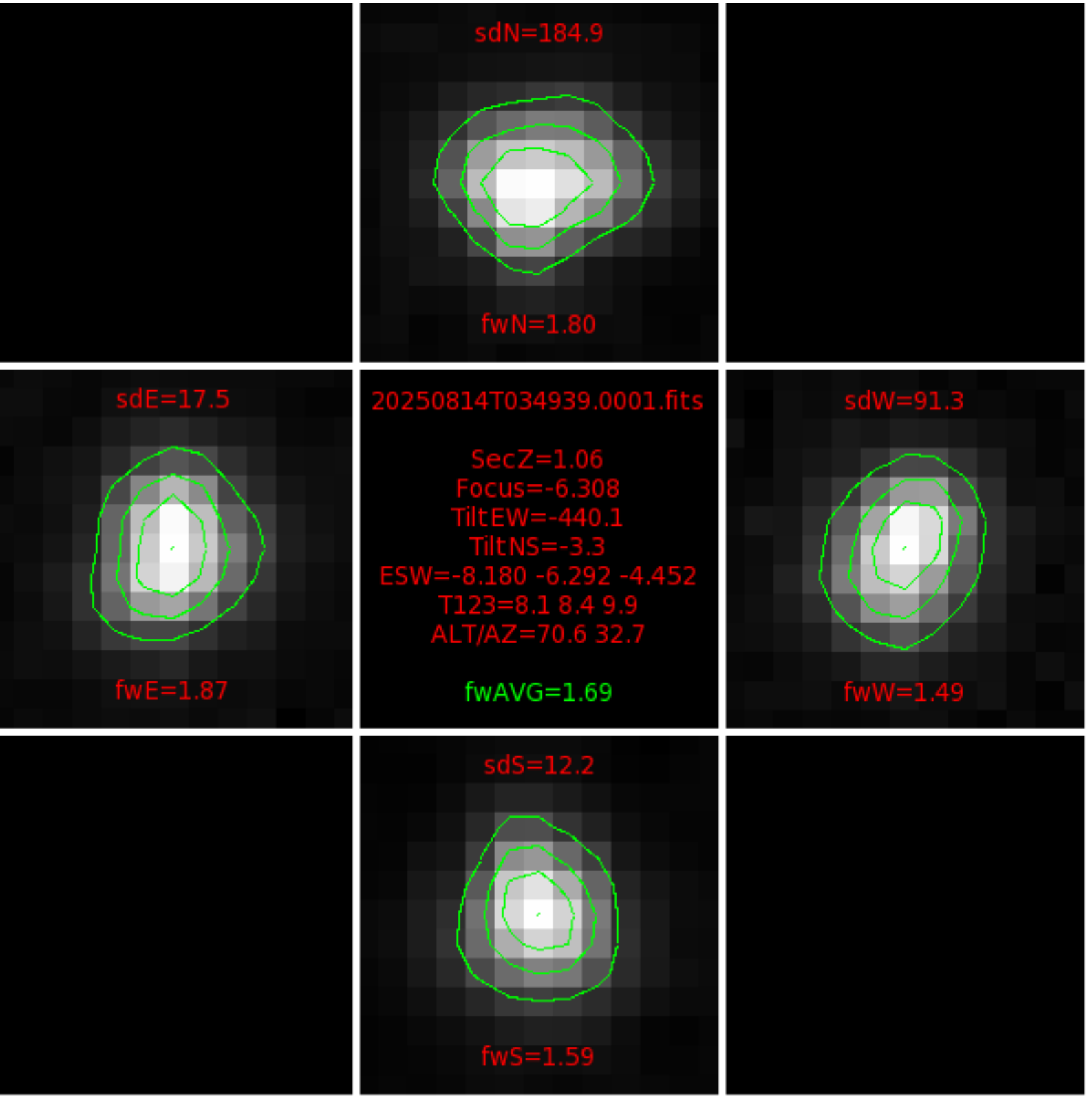
sdN=184.9
fwN=1.80
sdE=17.5
fwE=1.87
20250814T034939.0001.fits
SecZ=1.06
Focus=-6.308
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.180 -6.292 -4.452
T123=8.1 8.4 9.9
ALT/AZ=70.6 32.7
fwAVG=1.69
sdW=91.3
fwW=1.49
sdS=12.2
fwS=1.59
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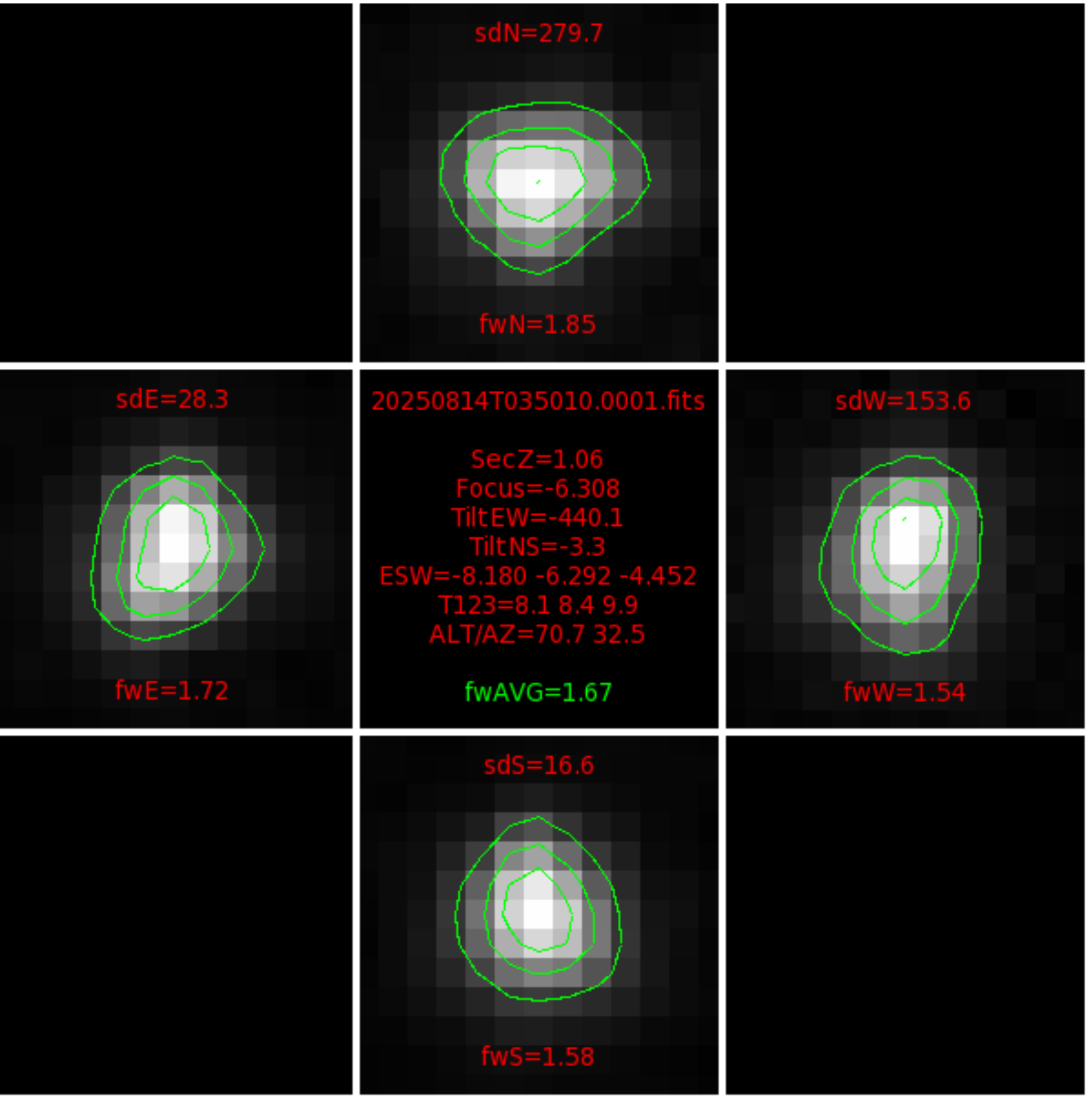
sdN=279.7
fwN=1.85
sdE=28.3
fwE=1.72
20250814T035010.0001.fits
SecZ=1.06
Focus=-6.308
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.180 -6.292 -4.452
T123=8.1 8.4 9.9
ALT/AZ=70.7 32.5
fwAVG=1.67
sdW=153.6
fwW=1.54
sdS=16.6
fwS=1.58
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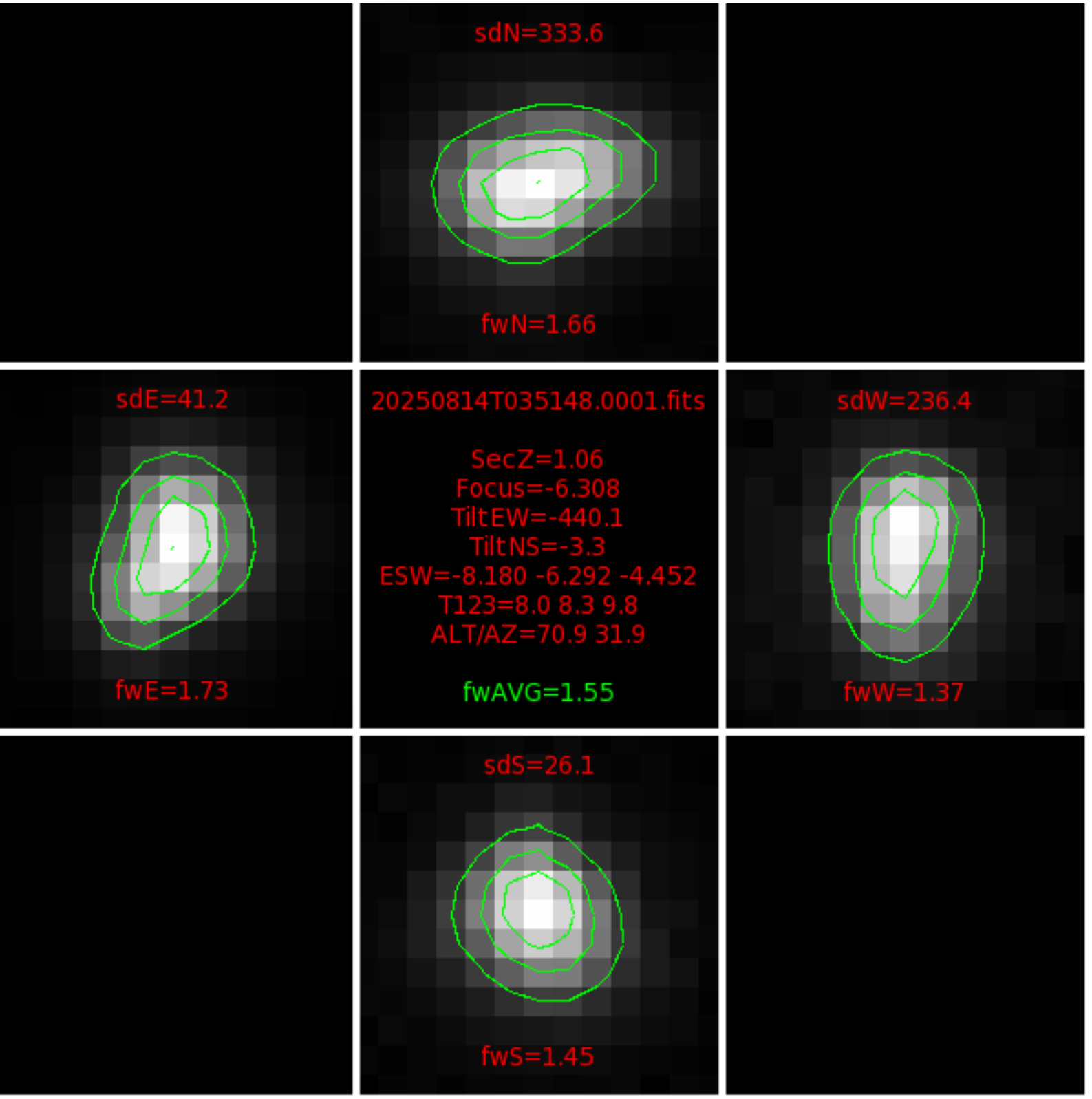
sdN=333.6
fwN=1.66
sdE=41.2
fwE=1.73
20250814T035148.0001.fits
SecZ=1.06
Focus=-6.308
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.180 -6.292 -4.452
T123=8.0 8.3 9.8
ALT/AZ=70.9 31.9
fwAVG=1.55
sdW=236.4
fwW=1.37
sdS=26.1
fwS=1.45
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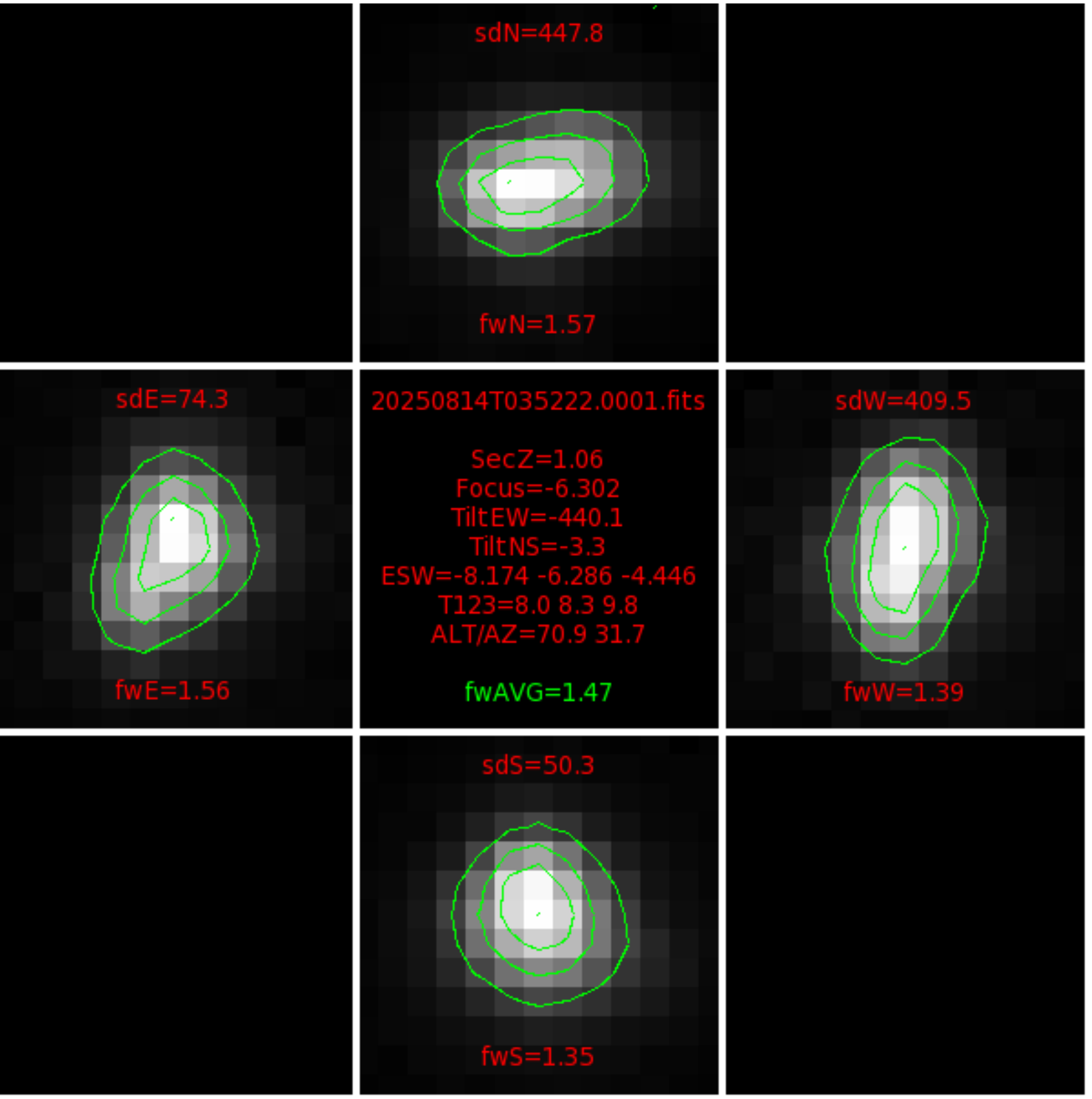
sdN=447.8
fwN=1.57
sdE=74.3
fwE=1.56
20250814T035222.0001.fits
SecZ=1.06
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.0 8.3 9.8
ALT/AZ=70.9 31.7
fwAVG=1.47
sdW=409.5
fwW=1.39
sdS=50.3
fwS=1.35
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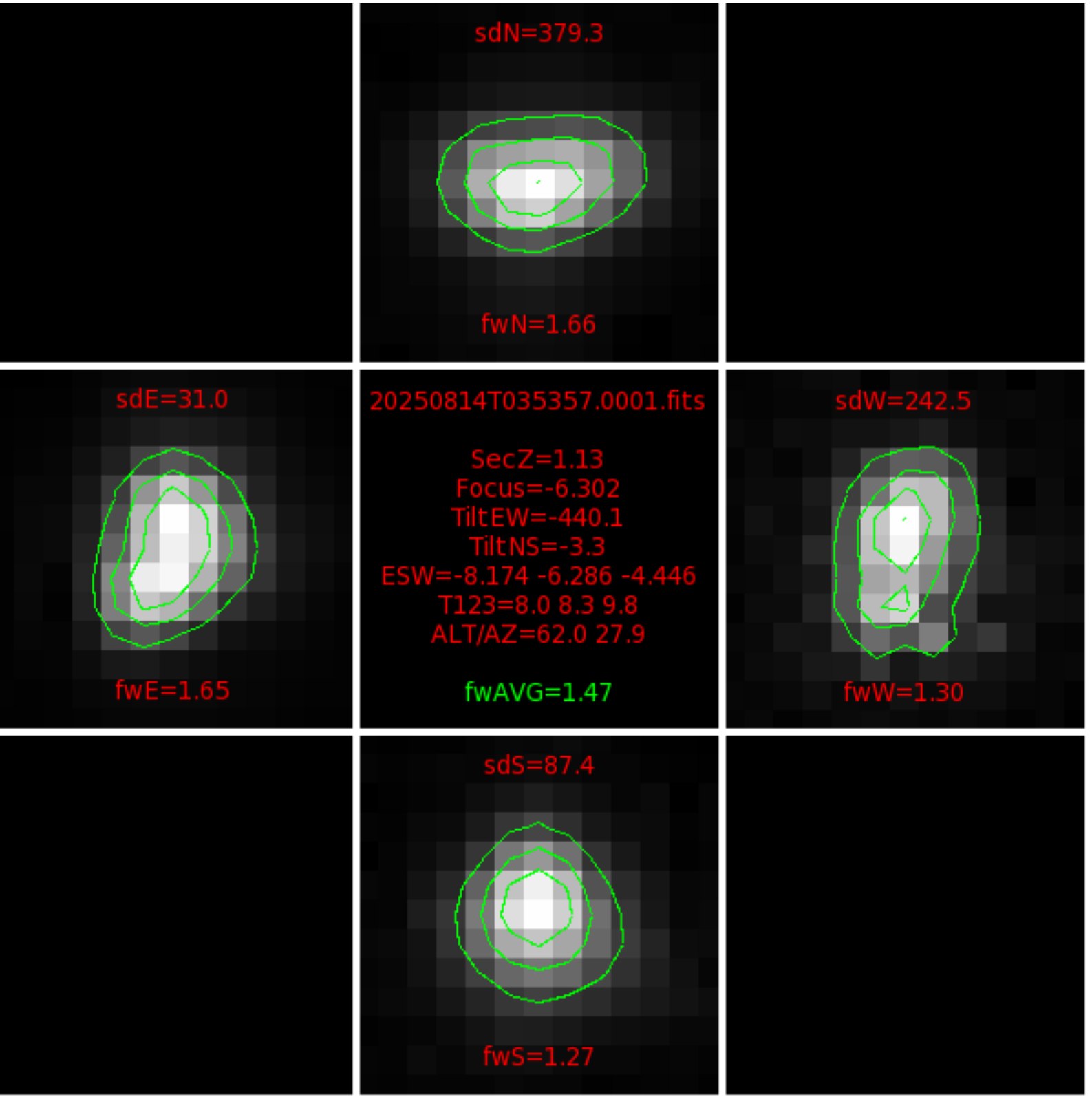
sdN=379.3
fwN=1.66
sdE=31.0
fwE=1.65
20250814T035357.0001.fits
SecZ=1.13
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.0 8.3 9.8
ALT/AZ=62.0 27.9
fwAVG=1.47
sdW=242.5
fwW=1.30
sdS=87.4
fwS=1.27
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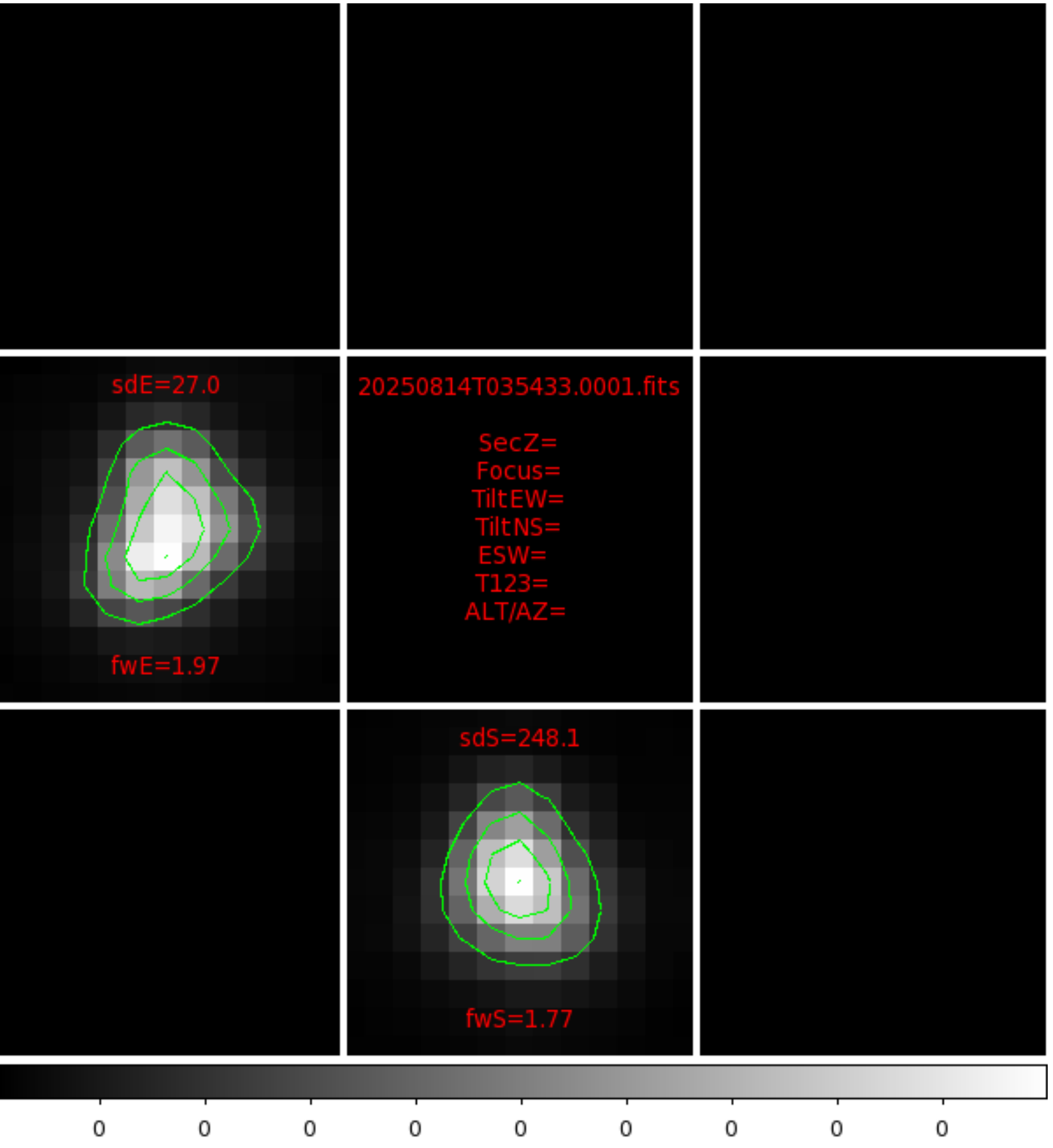
sdE=27.0
20250814T035433.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=1.97
sdS=248.1
fwS=1.77
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0
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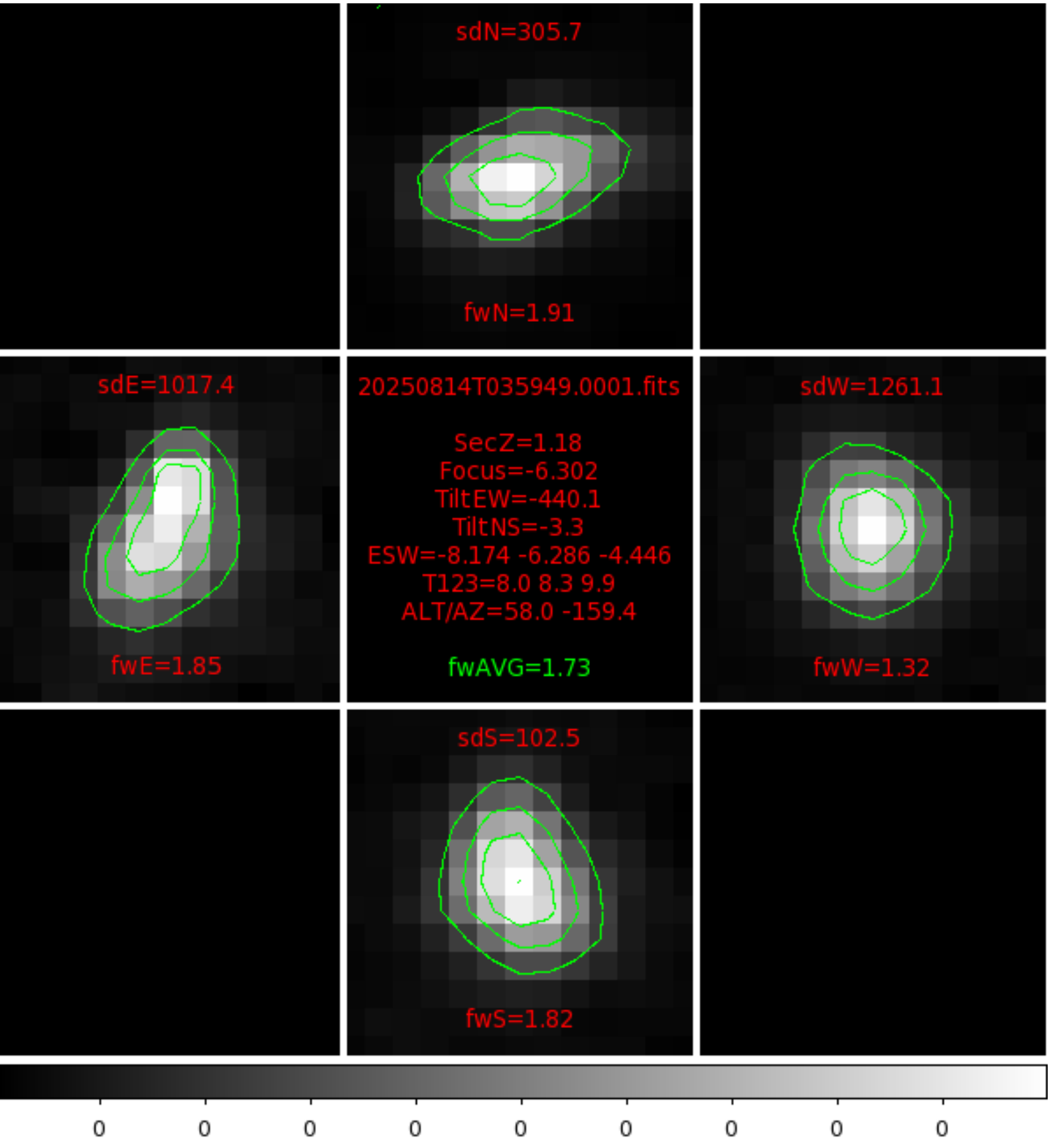
sdN=305.7
fwN=1.91
sdE=1017.4
fwE=1.85
20250814T035949.0001.fits
SecZ=1.18
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.0 8.3 9.9
ALT/AZ=58.0 -159.4
fwAVG=1.73
sdW=1261.1
fwW=1.32
sdS=102.5
fwS=1.82
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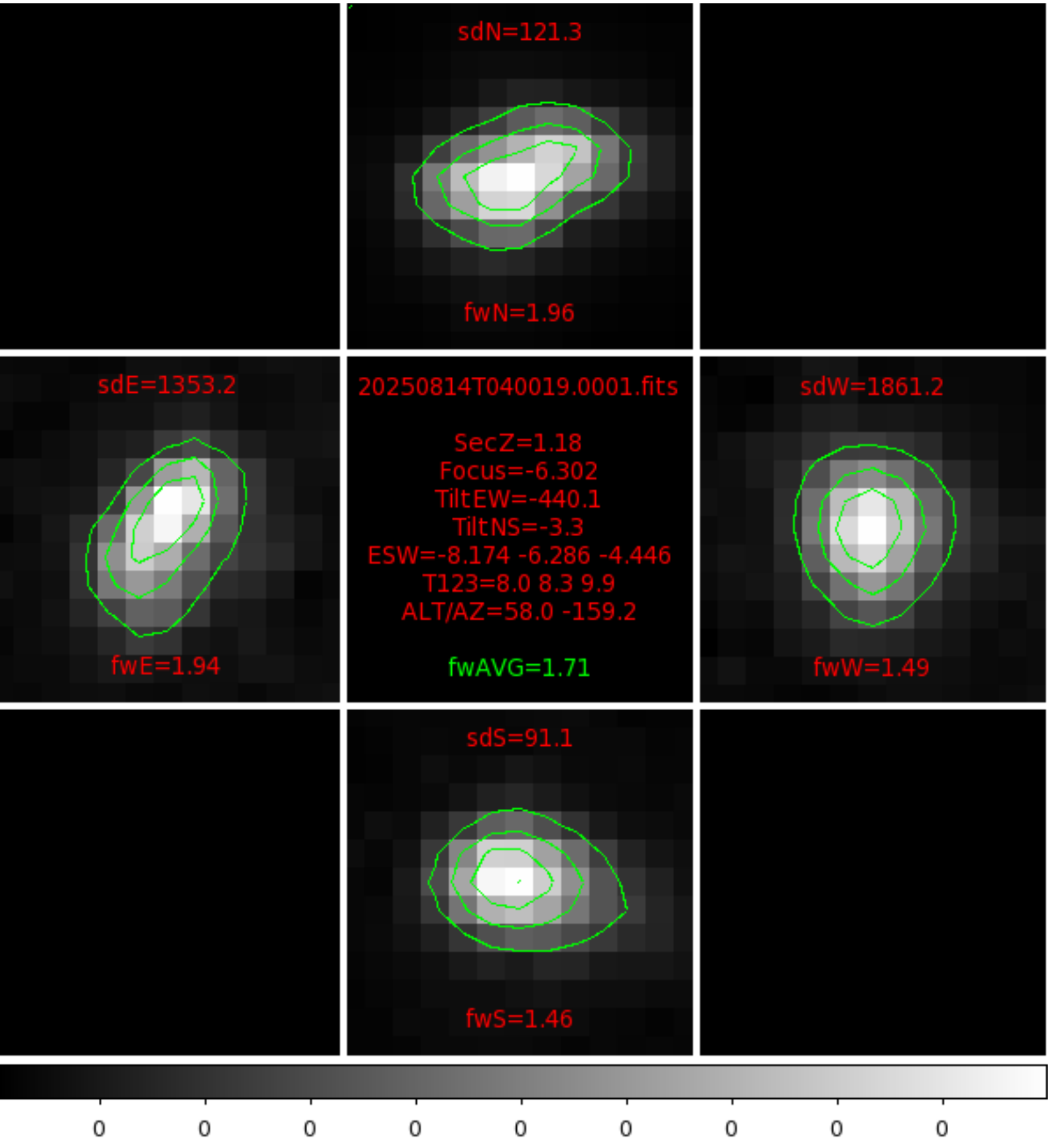
sdN=121.3
fwN=1.96
sdE=1353.2
fwE=1.94
20250814T040019.0001.fits
SecZ=1.18
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.0 8.3 9.9
ALT/AZ=58.0 -159.2
fwAVG=1.71
sdW=1861.2
fwW=1.49
sdS=91.1
fwS=1.46
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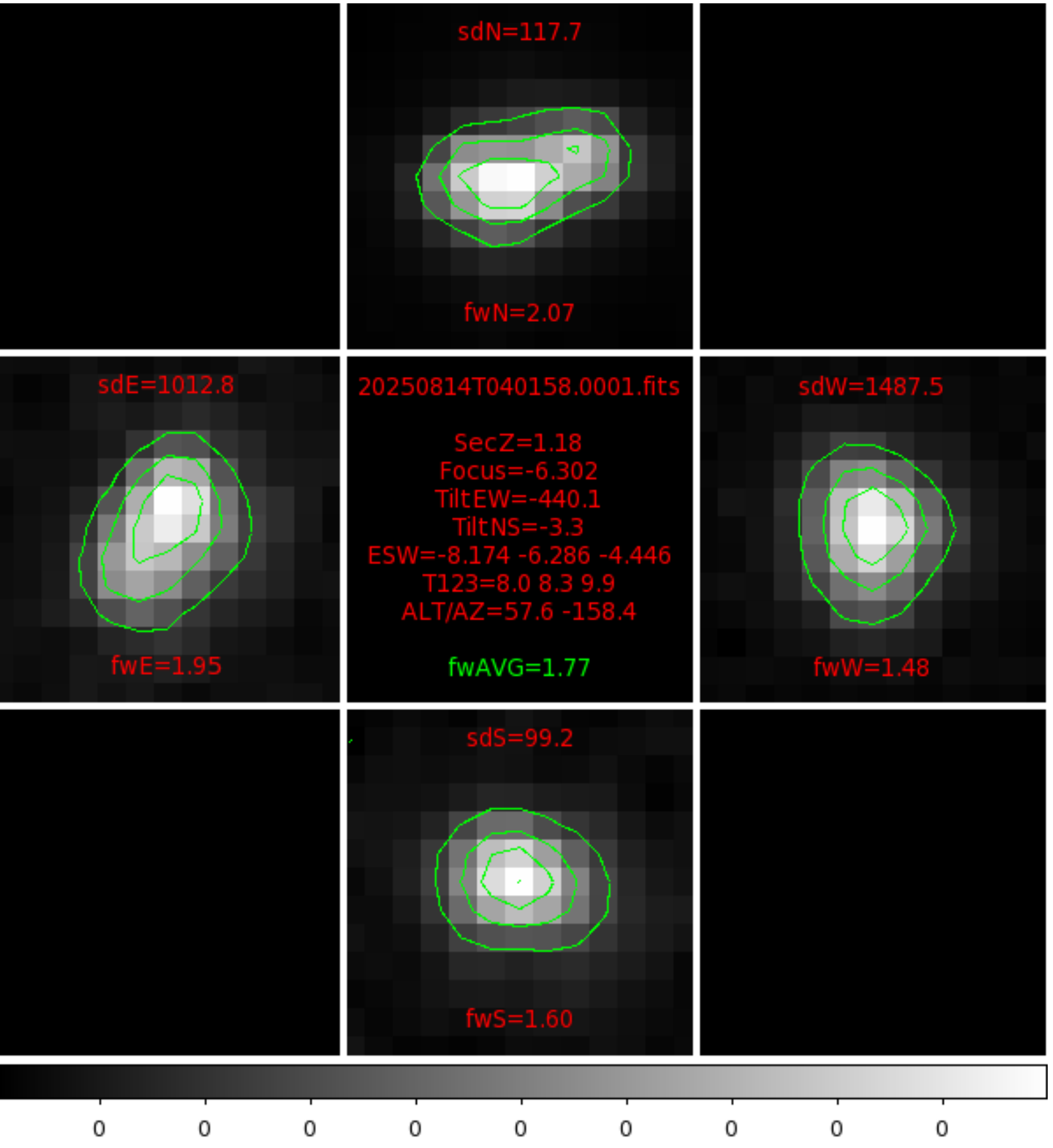
sdN=117.7
fwN=2.07
sdE=1012.8
fwE=1.95
20250814T040158.0001.fits
SecZ=1.18
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.0 8.3 9.9
ALT/AZ=57.6 -158.4
fwAVG=1.77
sdW=1487.5
fwW=1.48
sdS=99.2
fwS=1.60
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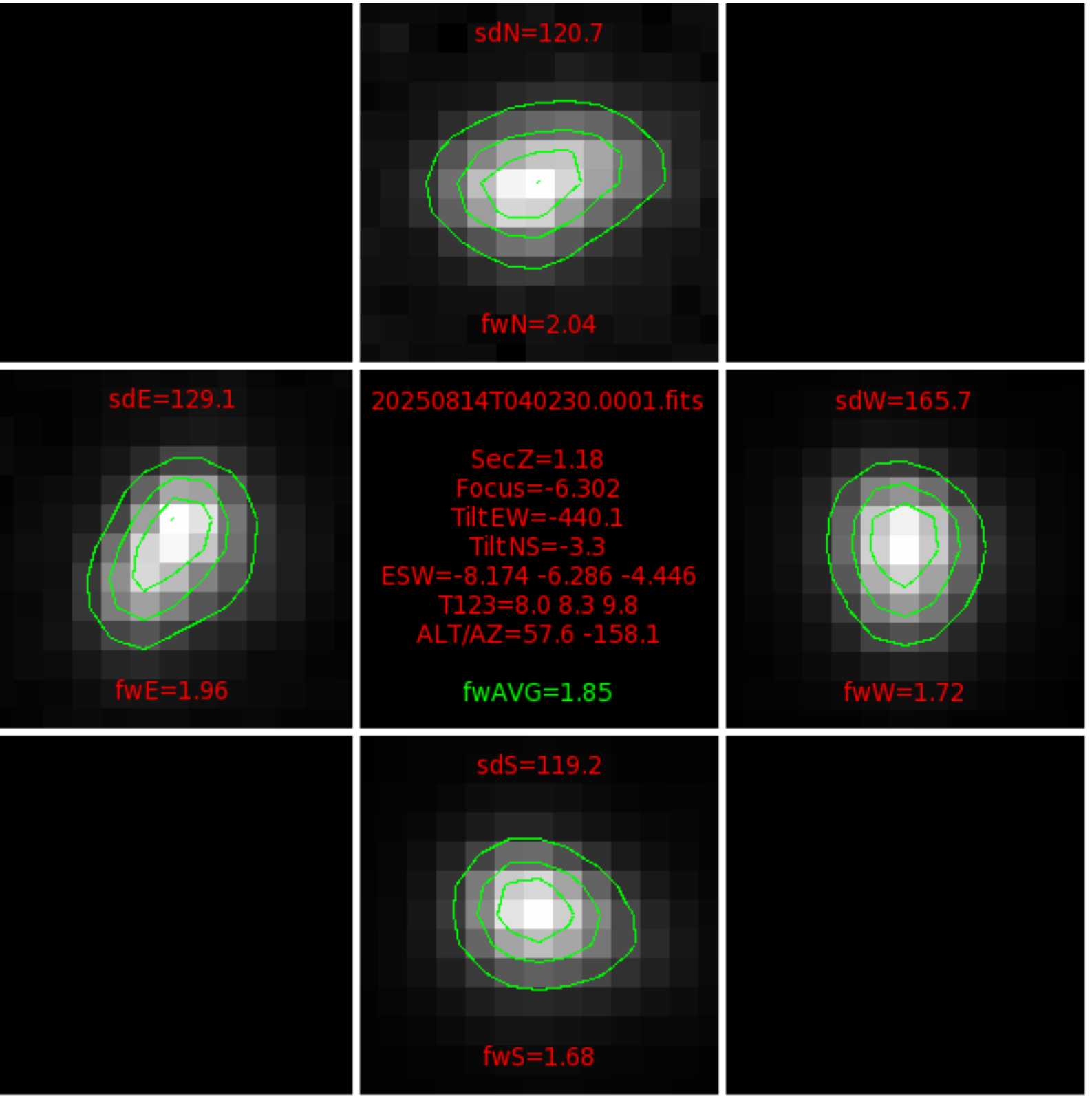
sdN=120.7
fwN=2.04
sdE=129.1
fwE=1.96
20250814T040230.0001.fits
SecZ=1.18
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.0 8.3 9.8
ALT/AZ=57.6 -158.1
fwAVG=1.85
sdW=165.7
fwW=1.72
sdS=119.2
fwS=1.68
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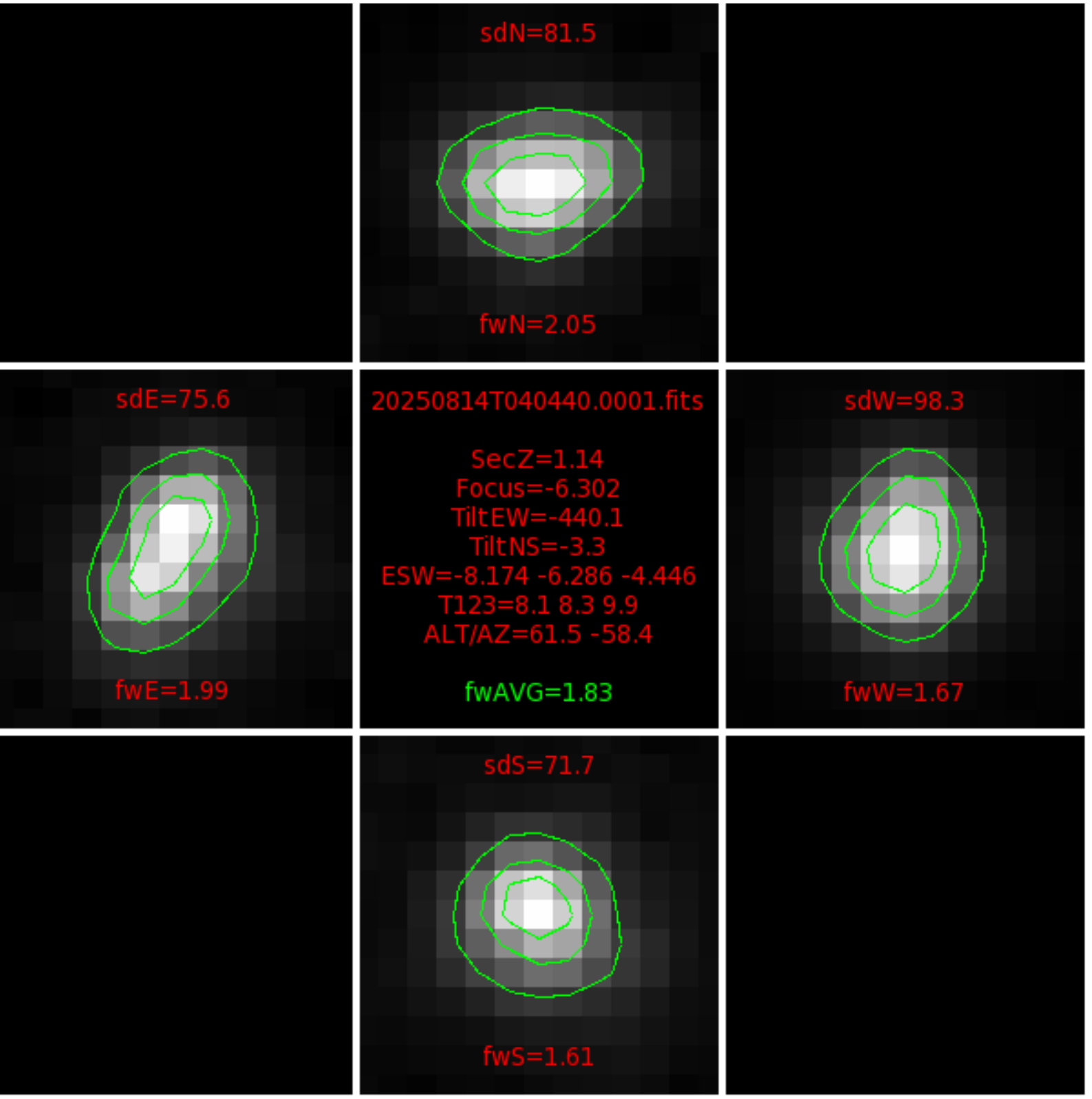
sdN=81.5
fwN=2.05
sdE=75.6
fwE=1.99
20250814T040440.0001.fits
SecZ=1.14
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.9
ALT/AZ=61.5 -58.4
fwAVG=1.83
sdW=98.3
fwW=1.67
sdS=71.7
fwS=1.61
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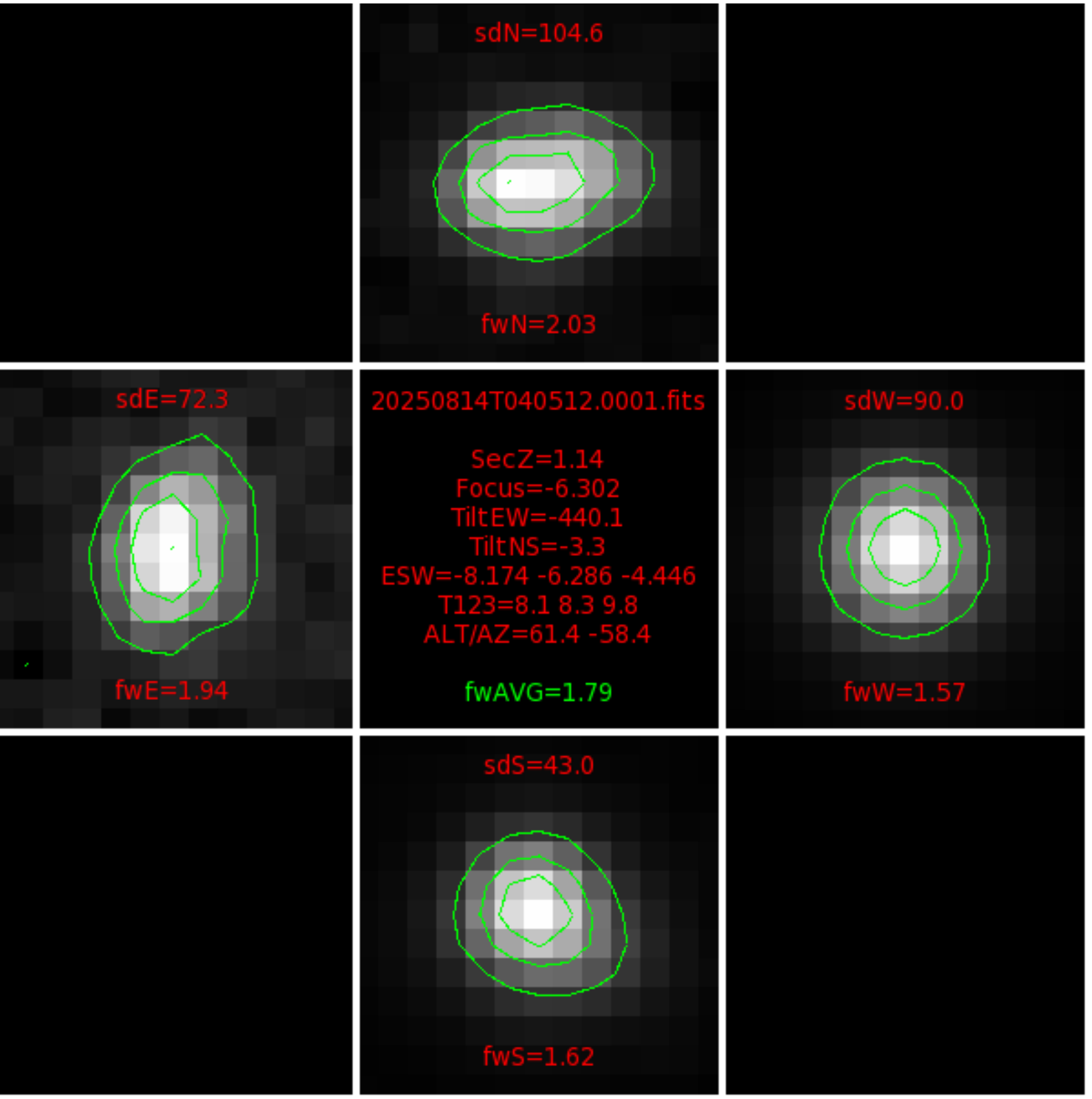
sdN=104.6
fwN=2.03
sdE=72.3
fwE=1.94
20250814T040512.0001.fits
SecZ=1.14
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.8
ALT/AZ=61.4 -58.4
fwAVG=1.79
sdW=90.0
fwW=1.57
sdS=43.0
fwS=1.62
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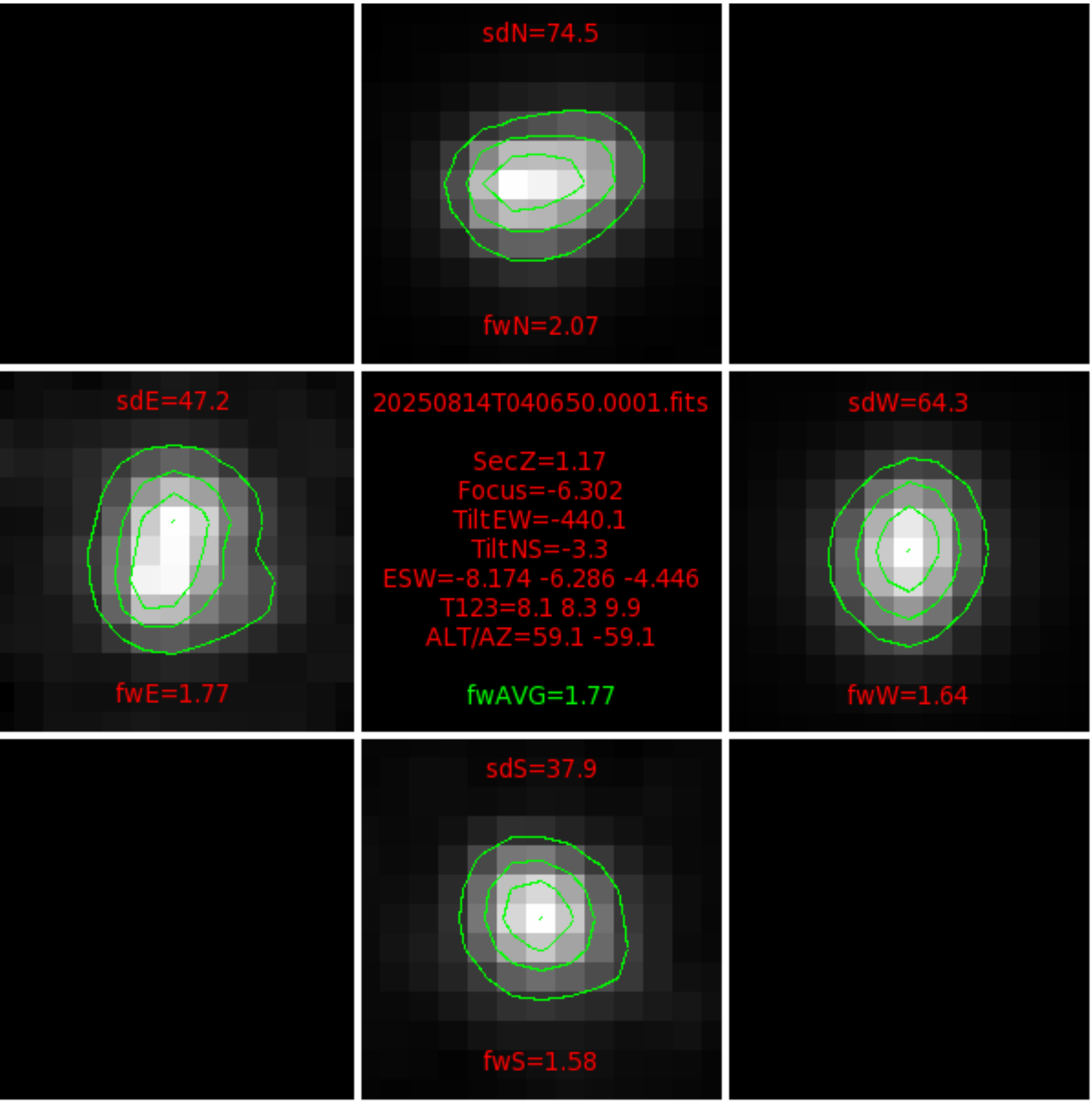
sdN=74.5
fwN=2.07
sdE=47.2
fwE=1.77
20250814T040650.0001.fits
SecZ=1.17
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.9
ALT/AZ=59.1 -59.1
fwAVG=1.77
sdW=64.3
fwW=1.64
sdS=37.9
fwS=1.58
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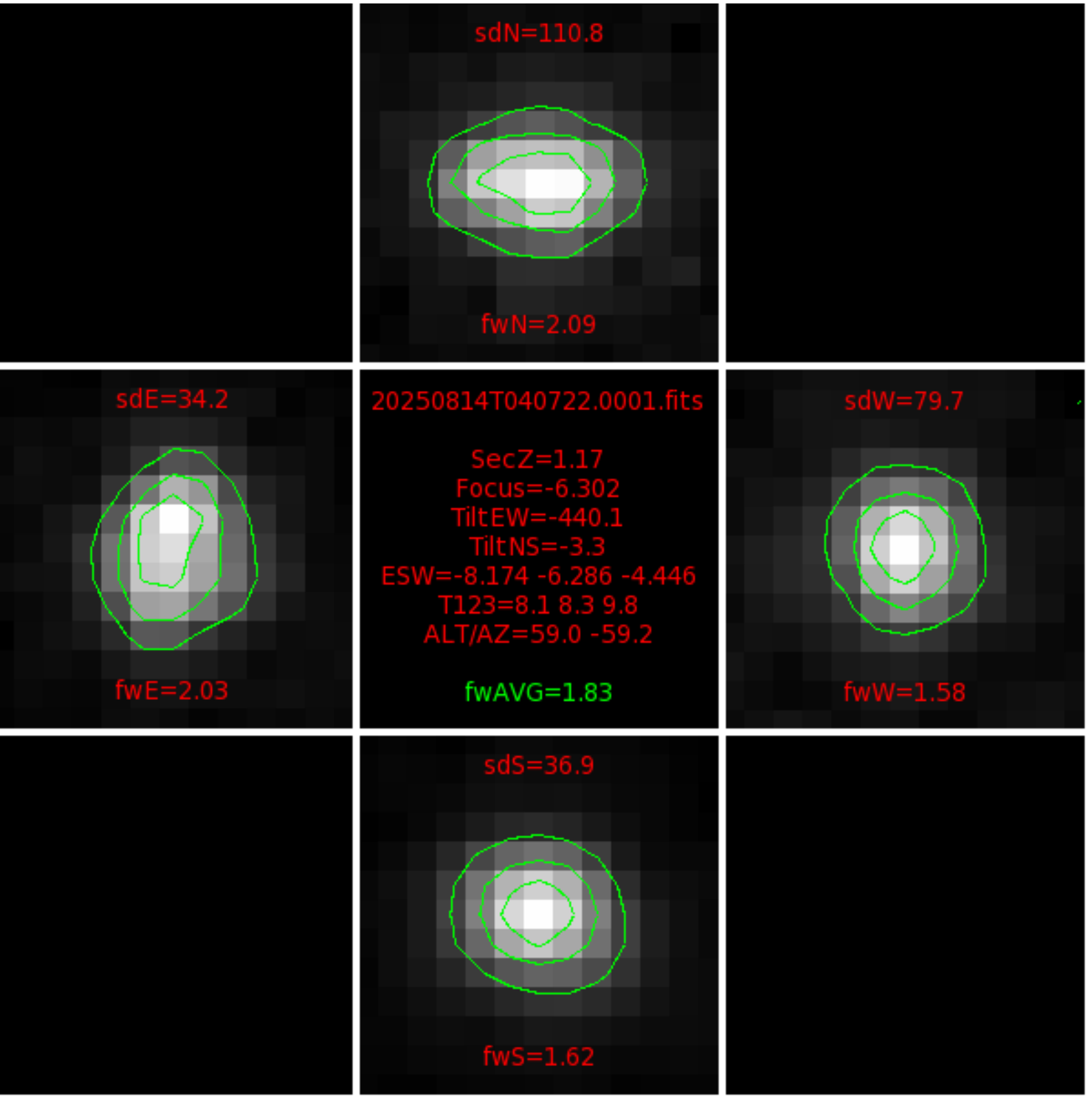
sdN=110.8
fwN=2.09
sdE=34.2
fwE=2.03
20250814T040722.0001.fits
SecZ=1.17
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.8
ALT/AZ=59.0 -59.2
fwAVG=1.83
sdW=79.7
fwW=1.58
sdS=36.9
fwS=1.62
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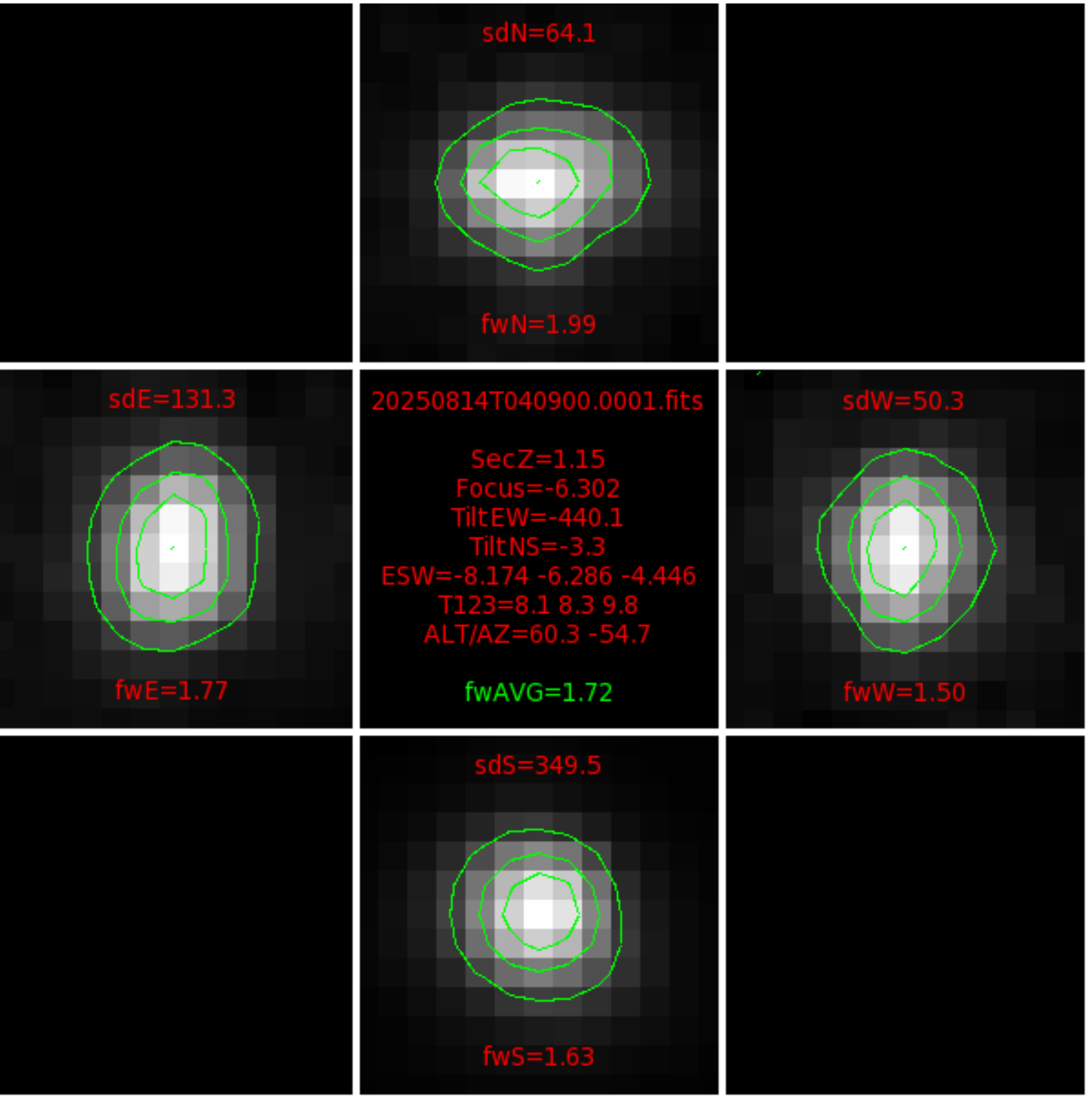
sdN=64.1
fwN=1.99
sdE=131.3
fwE=1.77
20250814T040900.0001.fits
SecZ=1.15
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.8
ALT/AZ=60.3 -54.7
fwAVG=1.72
sdW=50.3
fwW=1.50
sdS=349.5
fwS=1.63
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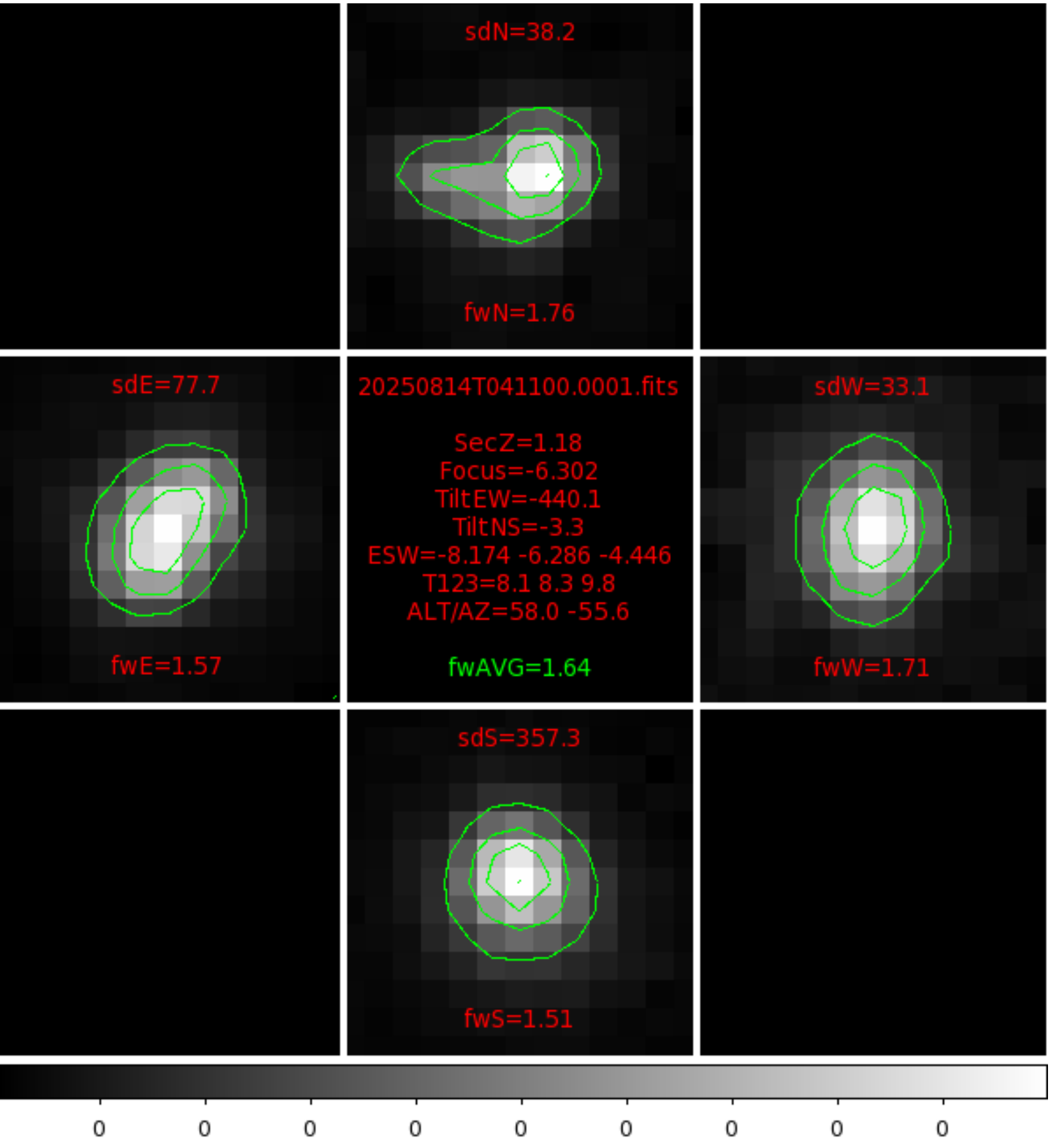
sdN=38.2
fwN=1.76
sdE=77.7
fwE=1.57
20250814T041100.0001.fits
SecZ=1.18
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.8
ALT/AZ=58.0 -55.6
fwAVG=1.64
sdW=33.1
fwW=1.71
sdS=357.3
fwS=1.51
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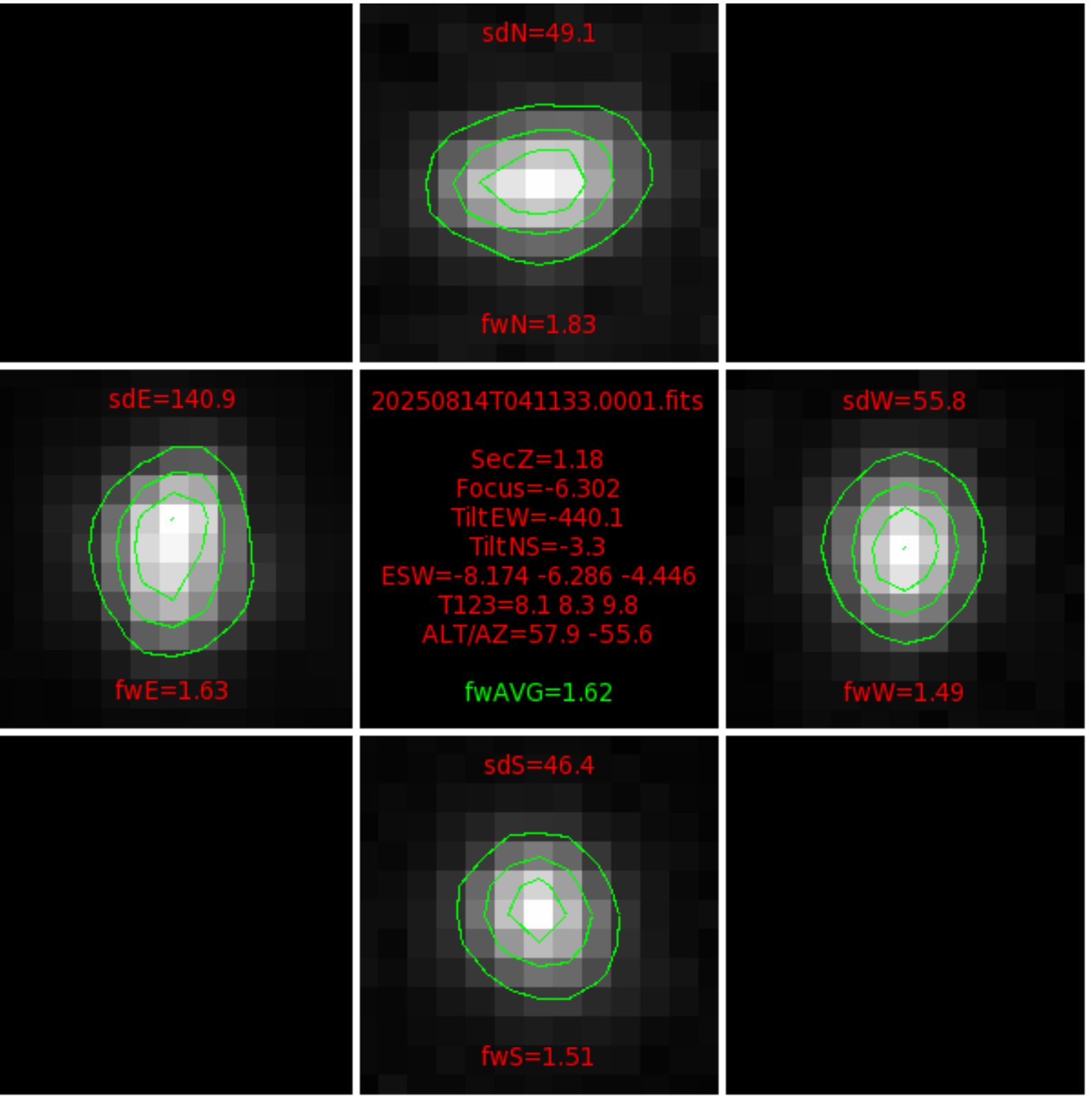
sdN=49.1
fwN=1.83
sdE=140.9
fwE=1.63
20250814T041133.0001.fits
SecZ=1.18
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.8
ALT/AZ=57.9 -55.6
fwAVG=1.62
sdW=55.8
fwW=1.49
sdS=46.4
fwS=1.51
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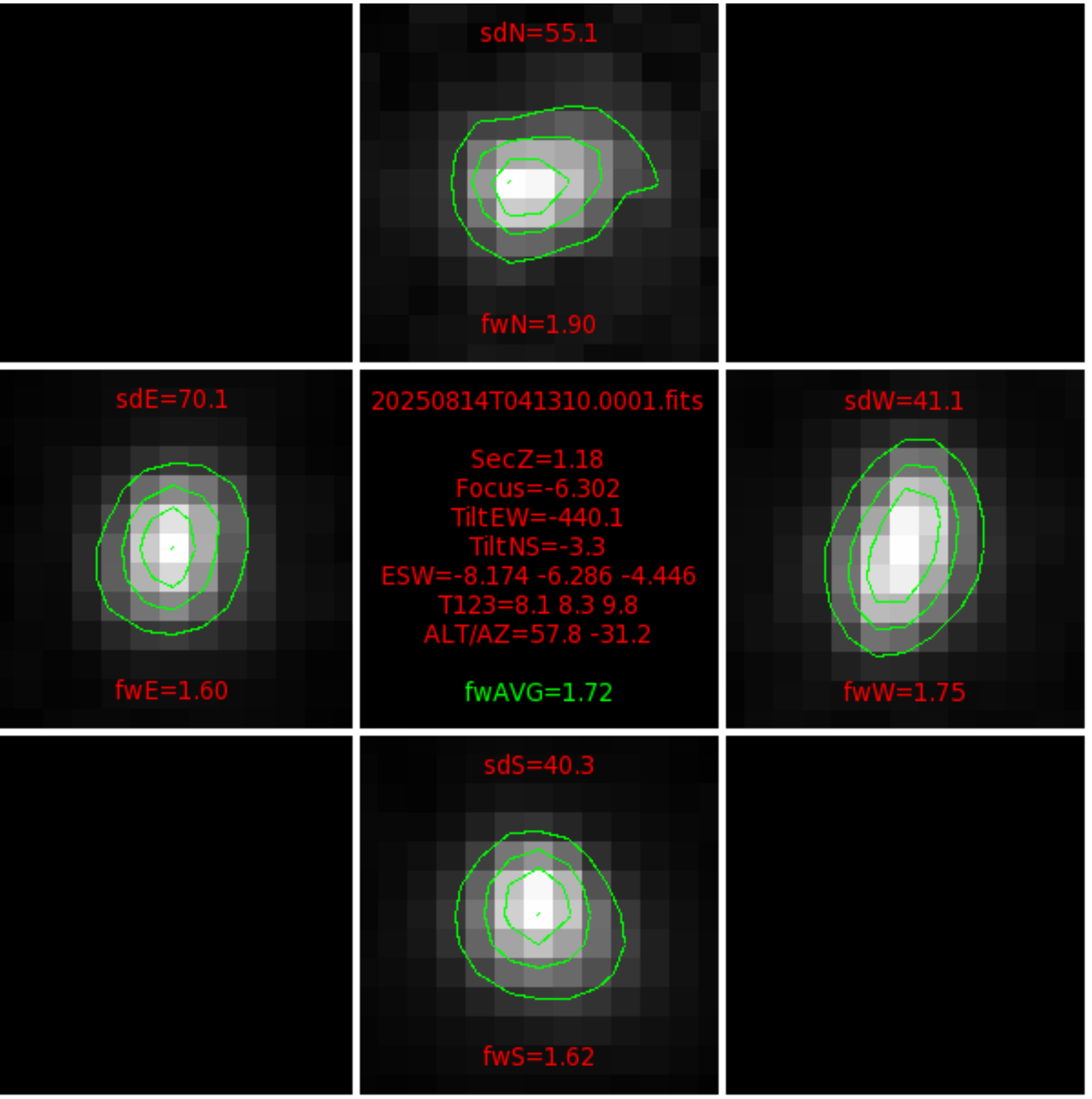
sdN=55.1
fwN=1.90
sdE=70.1
fwE=1.60
20250814T041310.0001.fits
SecZ=1.18
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.8
ALT/AZ=57.8 -31.2
fwAVG=1.72
sdW=41.1
fwW=1.75
sdS=40.3
fwS=1.62
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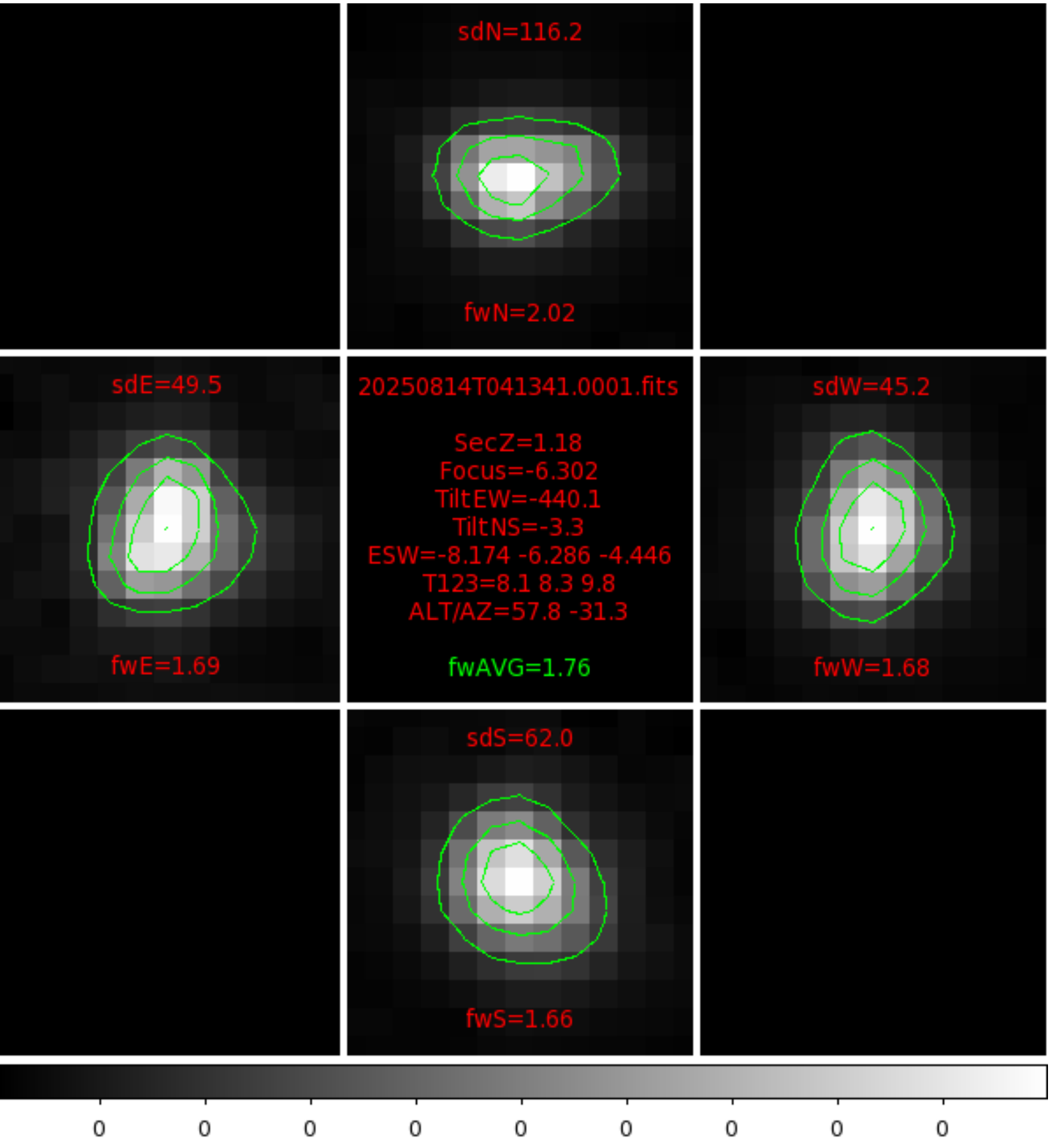
sdN=116.2
fwN=2.02
sdE=49.5
fwE=1.69
20250814T041341.0001.fits
SecZ=1.18
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.8
ALT/AZ=57.8 -31.3
fwAVG=1.76
sdW=45.2
fwW=1.68
sdS=62.0
fwS=1.66
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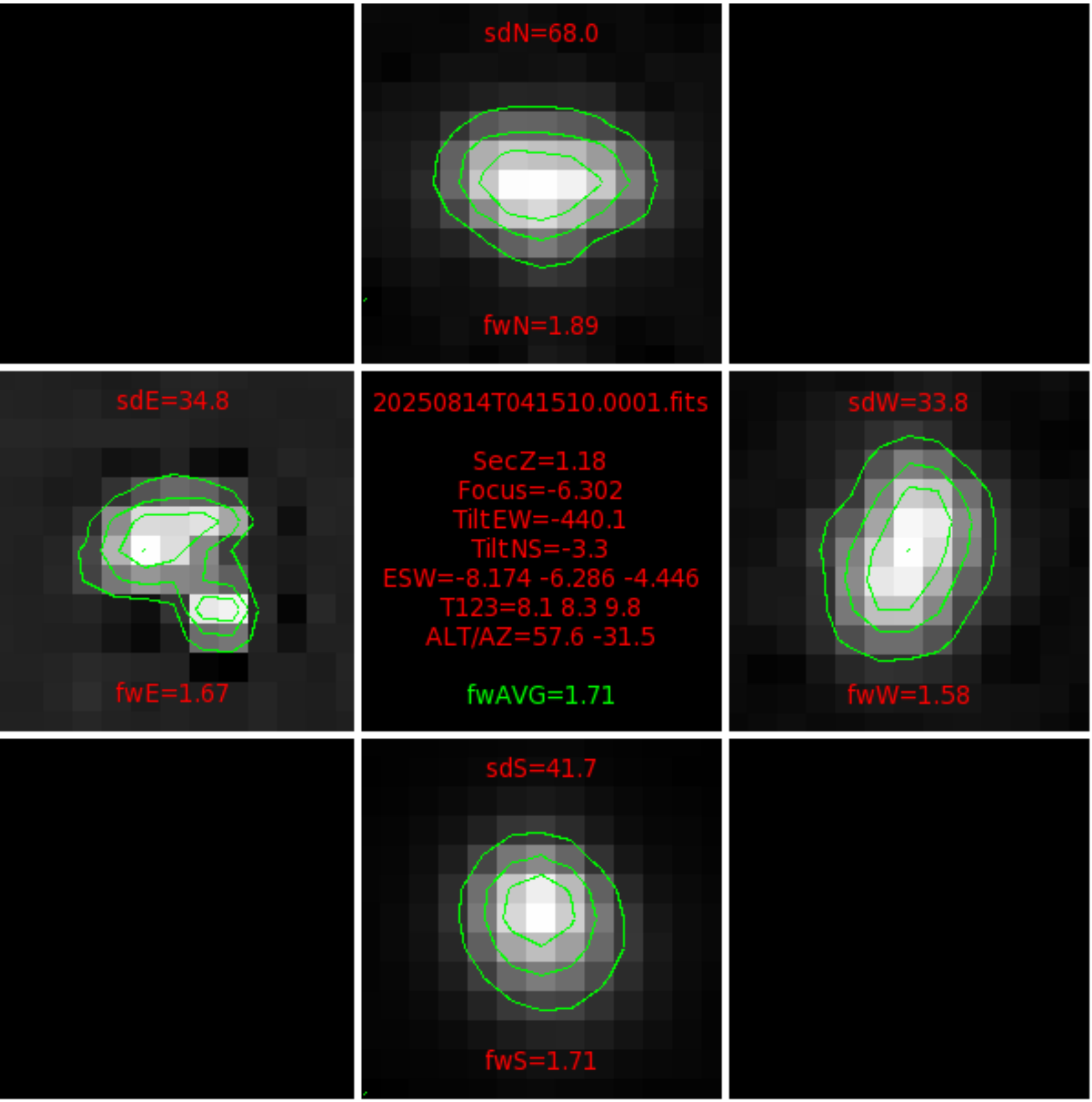
sdN=68.0
fwN=1.89
sdE=34.8
fwE=1.67
20250814T041510.0001.fits
SecZ=1.18
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.8
ALT/AZ=57.6 -31.5
fwAVG=1.71
sdW=33.8
fwW=1.58
sdS=41.7
fwS=1.71
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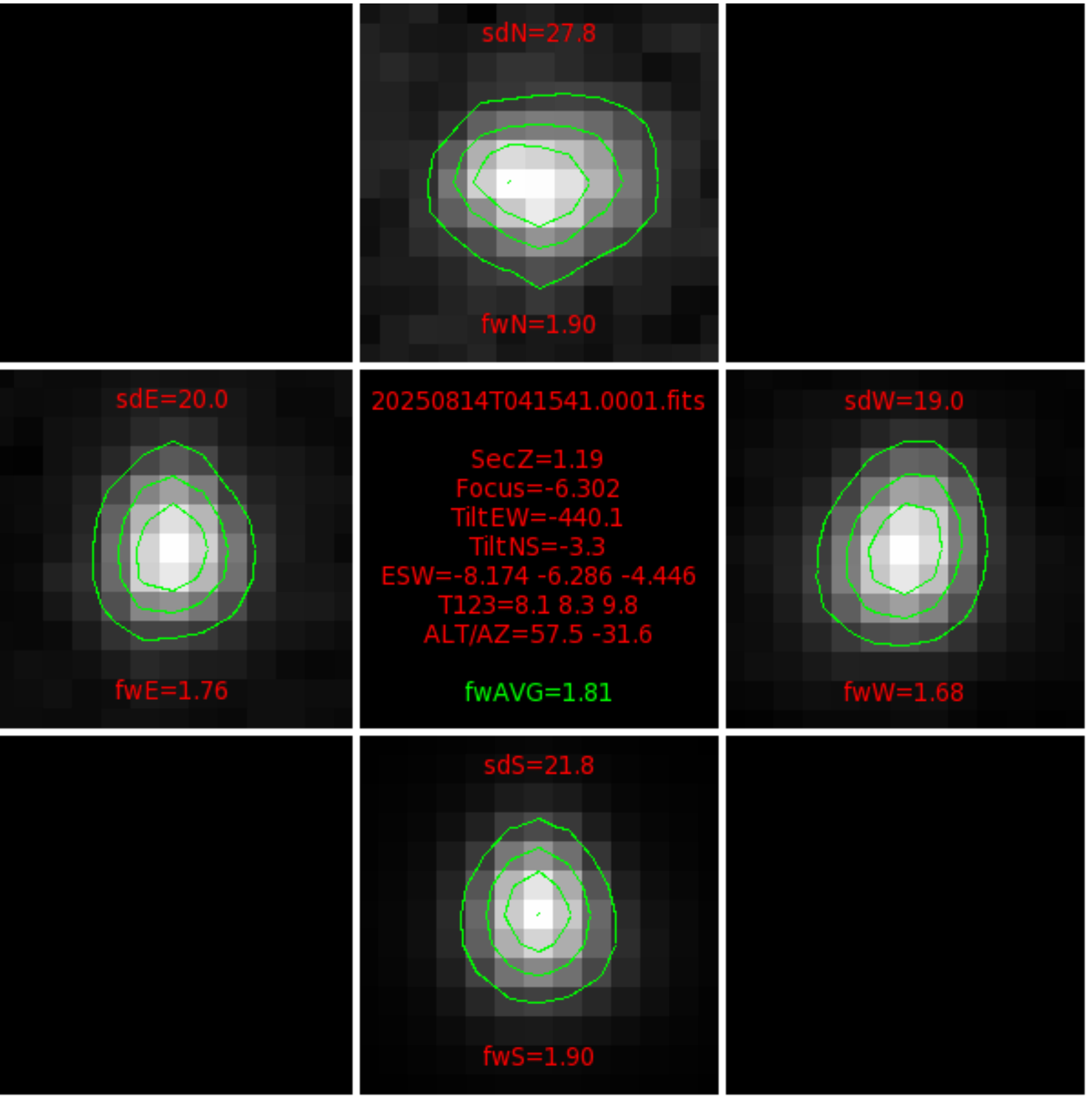
sdN=27.8
fwN=1.90
sdE=20.0
fwE=1.76
20250814T041541.0001.fits
SecZ=1.19
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.8
ALT/AZ=57.5 -31.6
fwAVG=1.81
sdW=19.0
fwW=1.68
sdS=21.8
fwS=1.90
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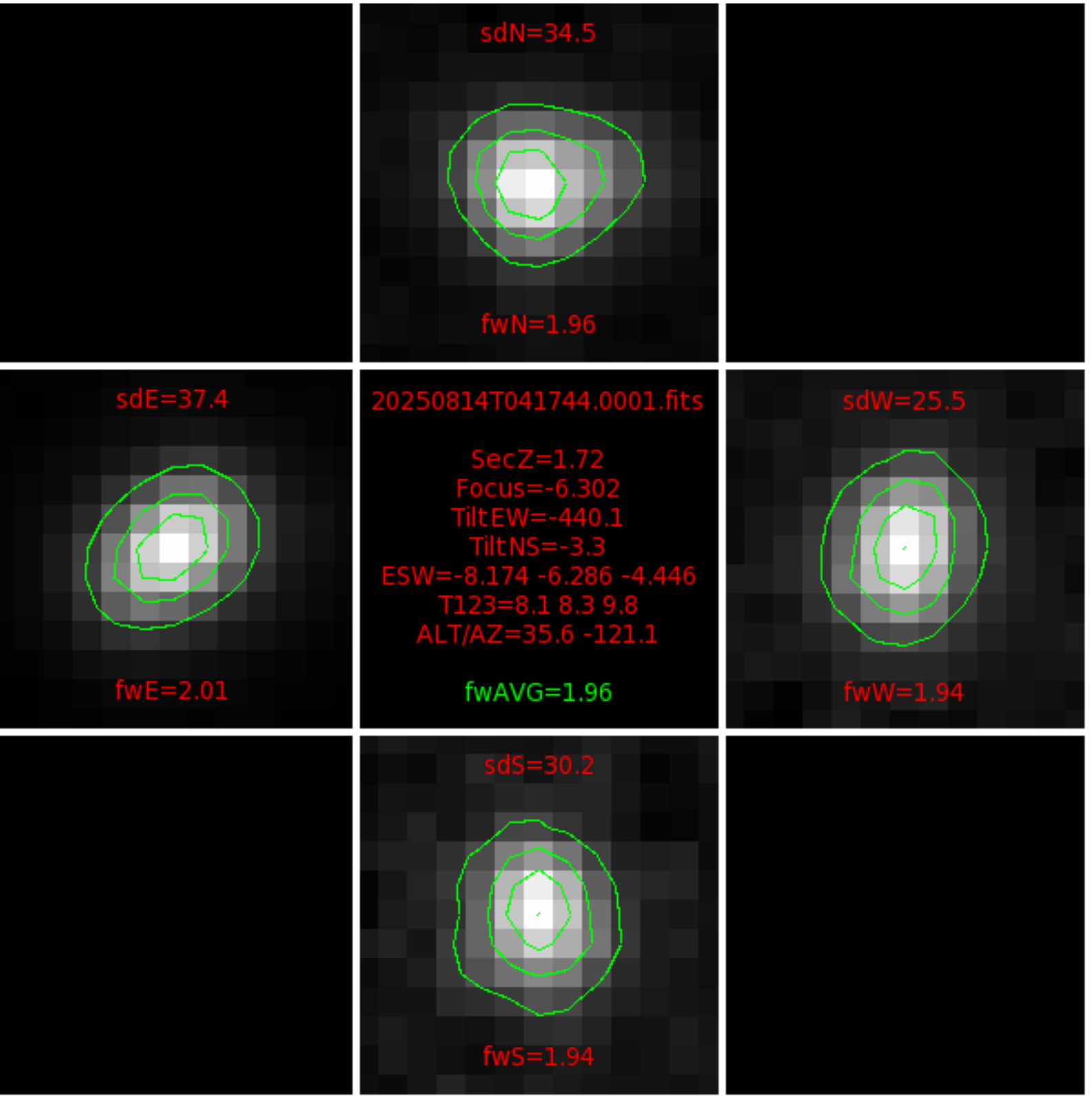
sdN=34.5
fwN=1.96
sdE=37.4
fwE=2.01
20250814T041744.0001.fits
SecZ=1.72
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.8
ALT/AZ=35.6 -121.1
fwAVG=1.96
sdW=25.5
fwW=1.94
sdS=30.2
fwS=1.94
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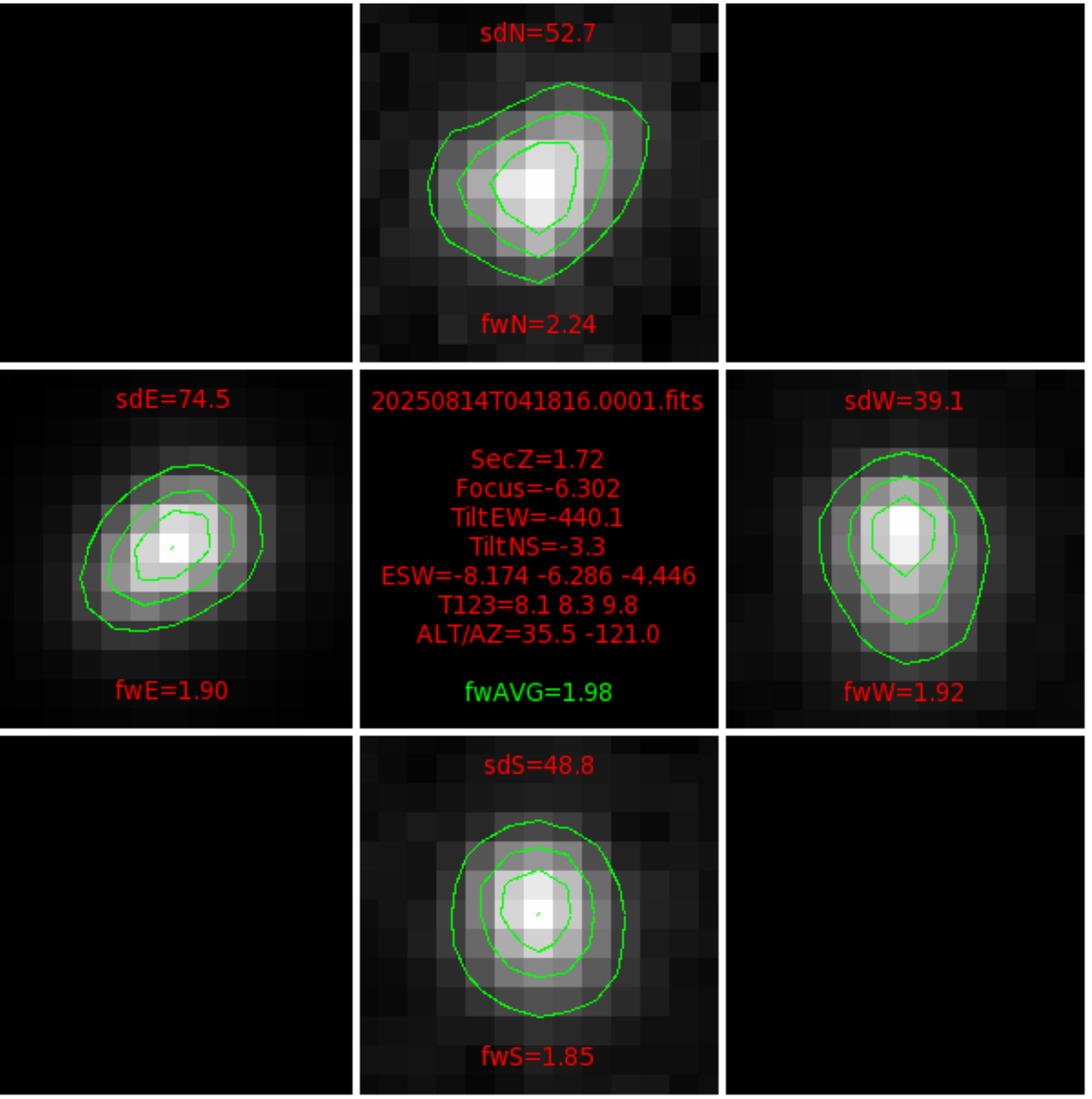
sdN=52.7
fwN=2.24
sdE=74.5
fwE=1.90
20250814T041816.0001.fits
SecZ=1.72
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.8
ALT/AZ=35.5 -121.0
fwAVG=1.98
sdW=39.1
fwW=1.92
sdS=48.8
fwS=1.85
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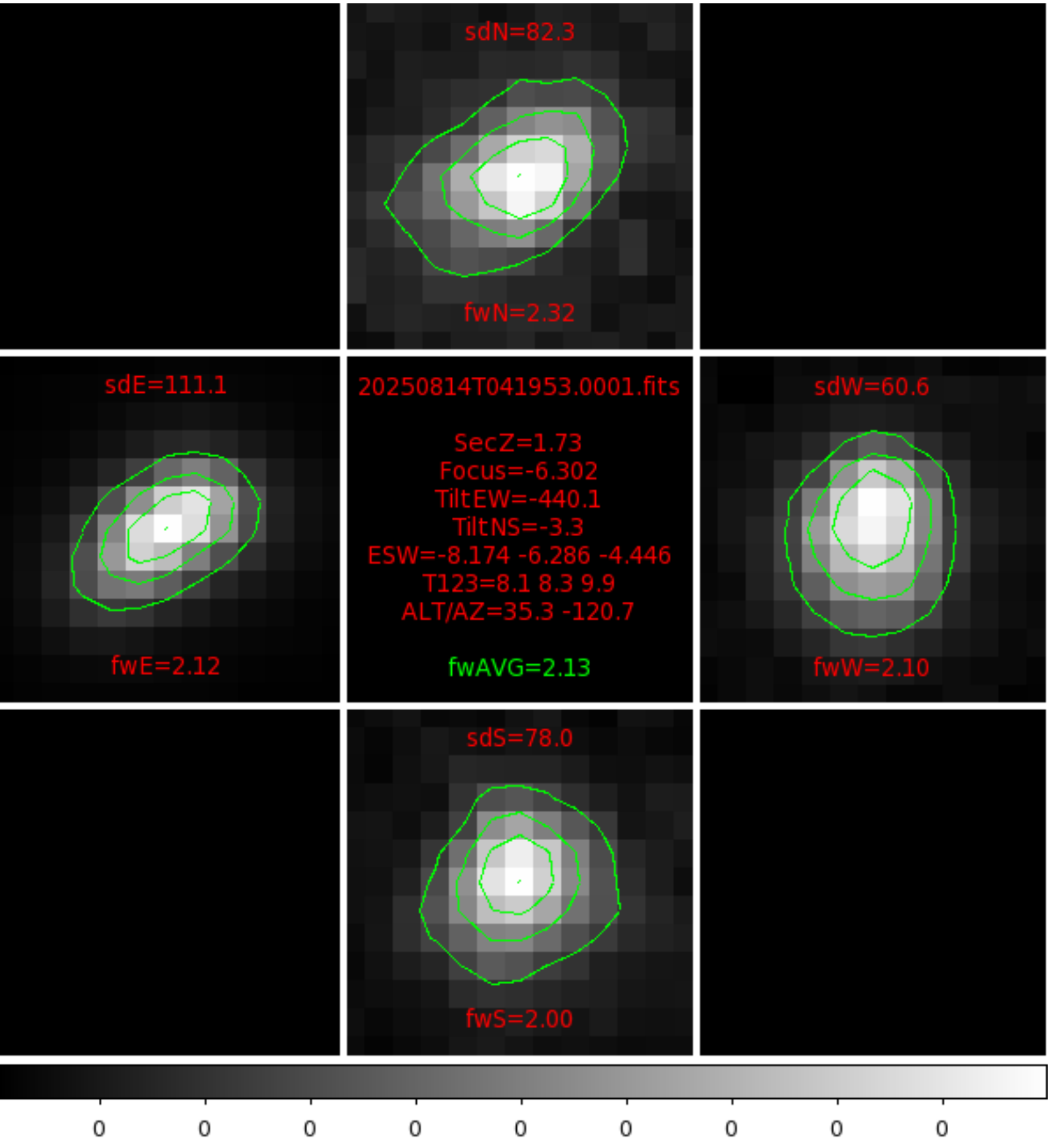
sdN=82.3
fwN=2.32
sdE=111.1
fwE=2.12
20250814T041953.0001.fits
SecZ=1.73
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.9
ALT/AZ=35.3 -120.7
fwAVG=2.13
sdW=60.6
fwW=2.10
sdS=78.0
fwS=2.00
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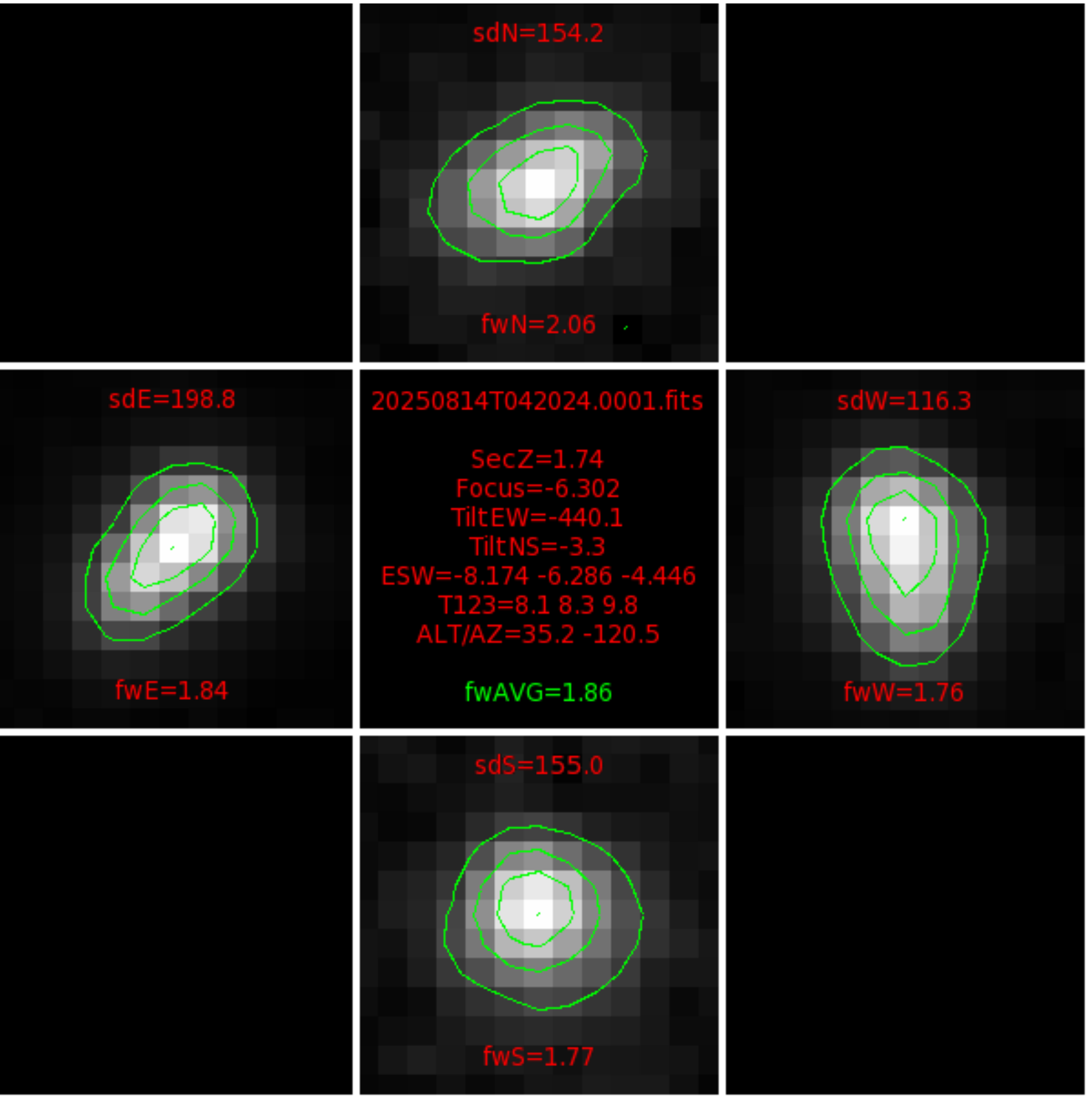
sdN=154.2
fwN=2.06
sdE=198.8
fwE=1.84
20250814T042024.0001.fits
SecZ=1.74
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.1 8.3 9.8
ALT/AZ=35.2 -120.5
fwAVG=1.86
sdW=116.3
fwW=1.76
sdS=155.0
fwS=1.77
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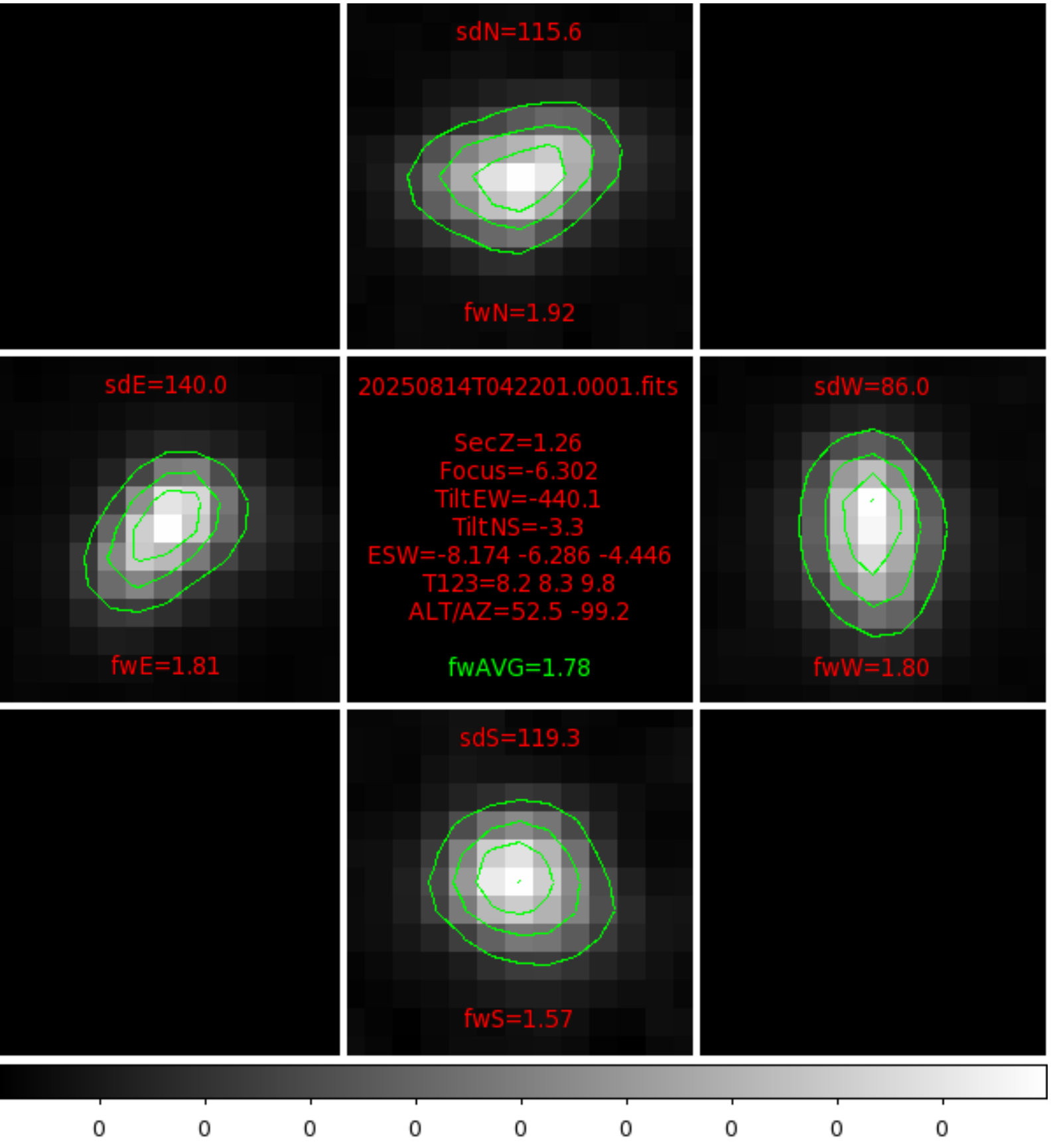
sdN=115.6
fwN=1.92
sdE=140.0
fwE=1.81
20250814T042201.0001.fits
SecZ=1.26
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.2 8.3 9.8
ALT/AZ=52.5 -99.2
fwAVG=1.78
sdW=86.0
fwW=1.80
sdS=119.3
fwS=1.57
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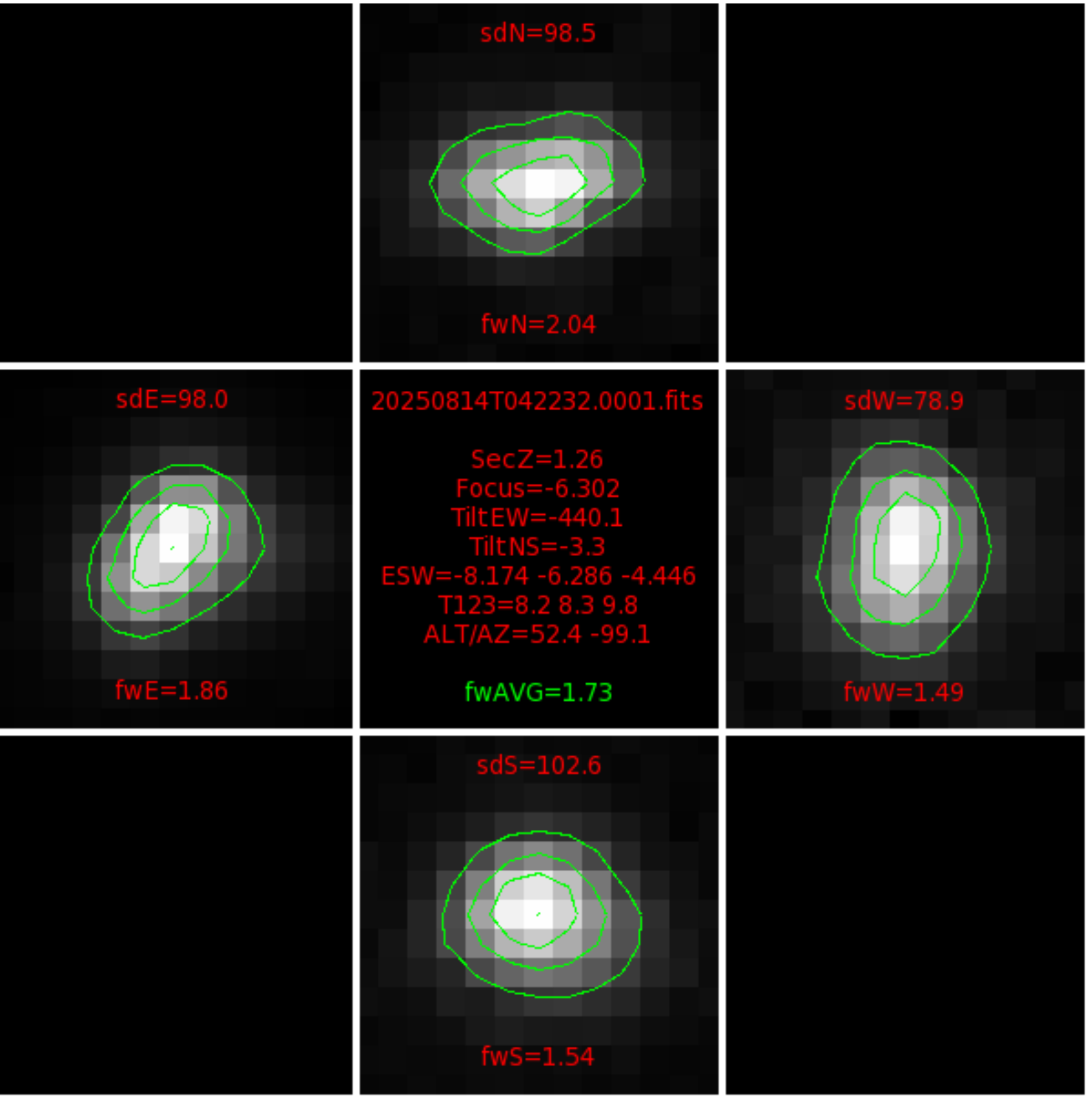
sdN=98.5
fwN=2.04
sdE=98.0
fwE=1.86
20250814T042232.0001.fits
SecZ=1.26
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.2 8.3 9.8
ALT/AZ=52.4 -99.1
fwAVG=1.73
sdW=78.9
fwW=1.49
sdS=102.6
fwS=1.54
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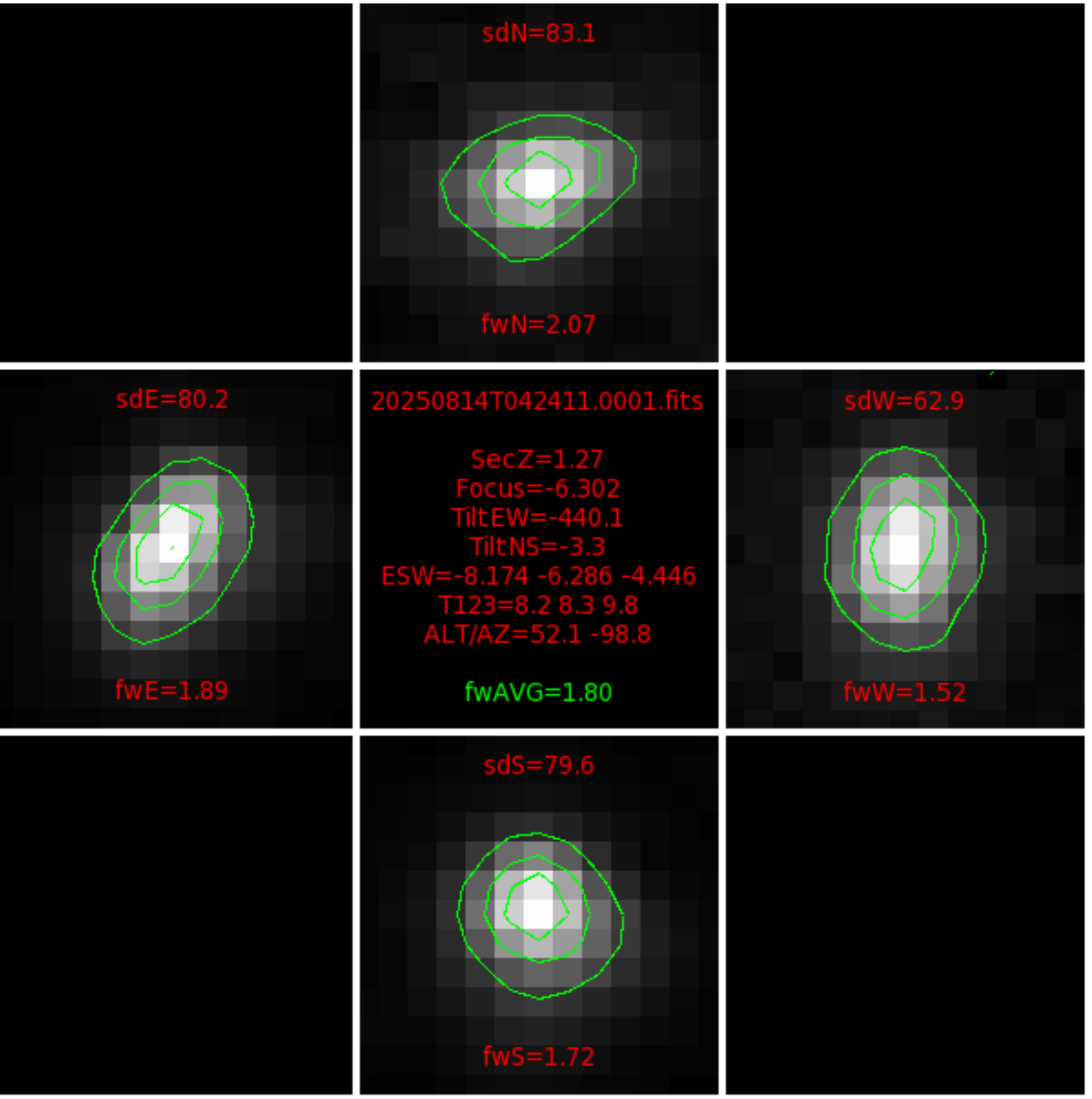
sdN=83.1
fwN=2.07
sdE=80.2
fwE=1.89
20250814T042411.0001.fits
SecZ=1.27
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.2 8.3 9.8
ALT/AZ=52.1 -98.8
fwAVG=1.80
sdW=62.9
fwW=1.52
sdS=79.6
fwS=1.72
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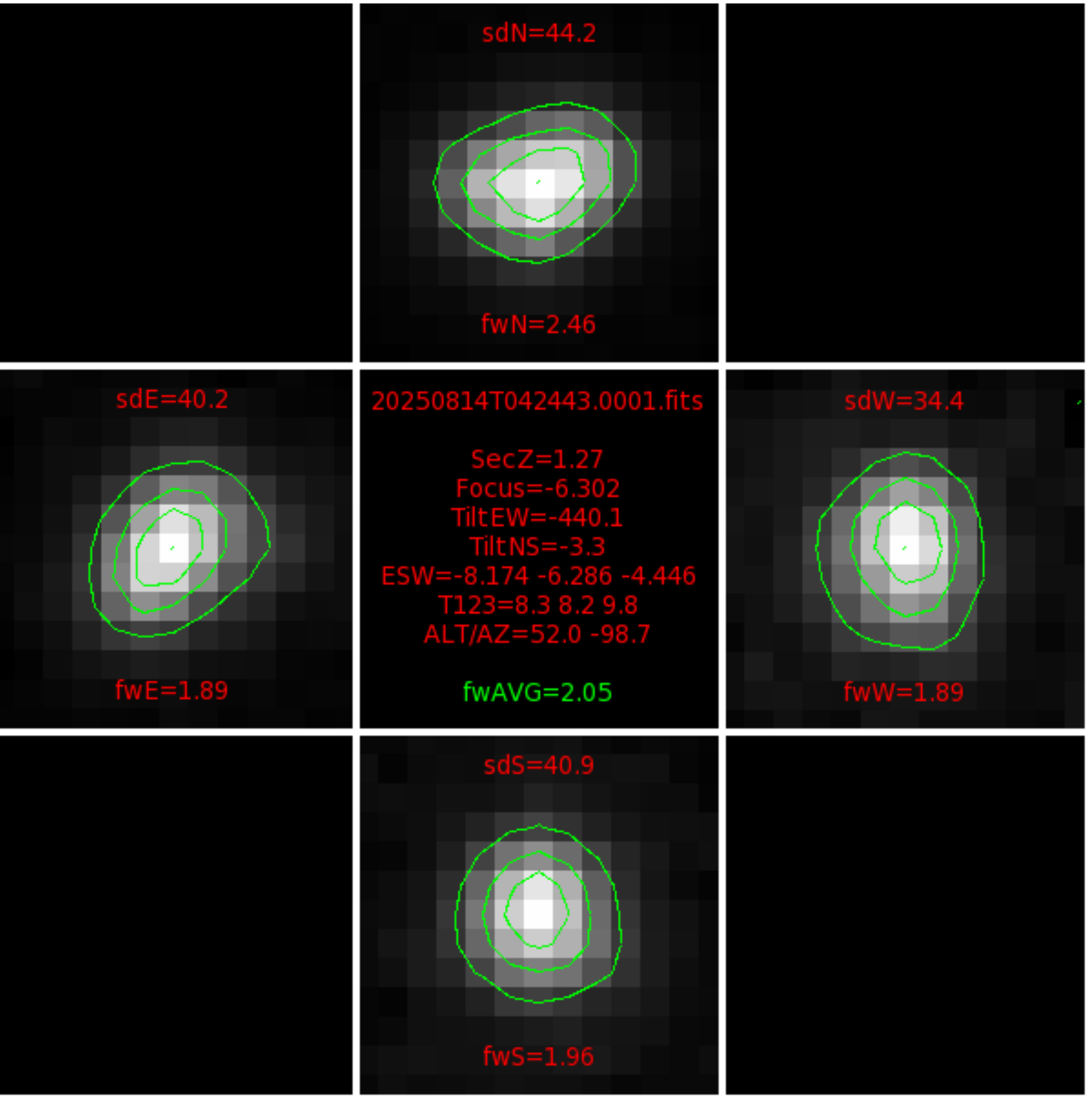
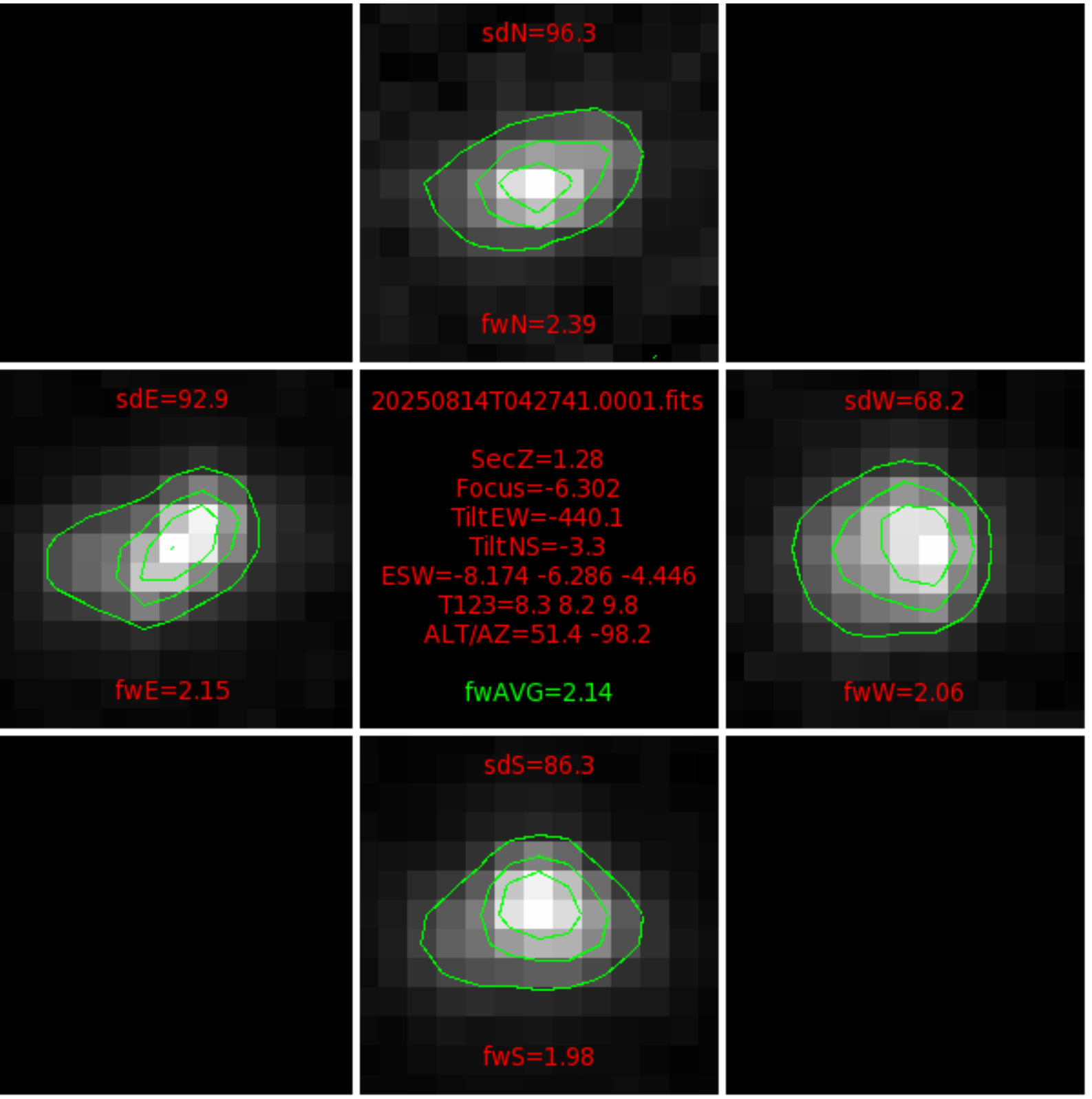

sdN=44.2
fwN=2.46
sdE=40.2
fwE=1.89
20250814T042443.0001.fits
SecZ=1.27
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.3 8.2 9.8
ALT/AZ=52.0 -98.7
fwAVG=2.05
sdW=34.4
fwW=1.89
sdS=40.9
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=96.3
fwN=2.39
sdE=92.9
fwE=2.15
20250814T042741.0001.fits
SecZ=1.28
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.3 8.2 9.8
ALT/AZ=51.4 -98.2
fwAVG=2.14
sdW=68.2
fwW=2.06
sdS=86.3
fwS=1.98
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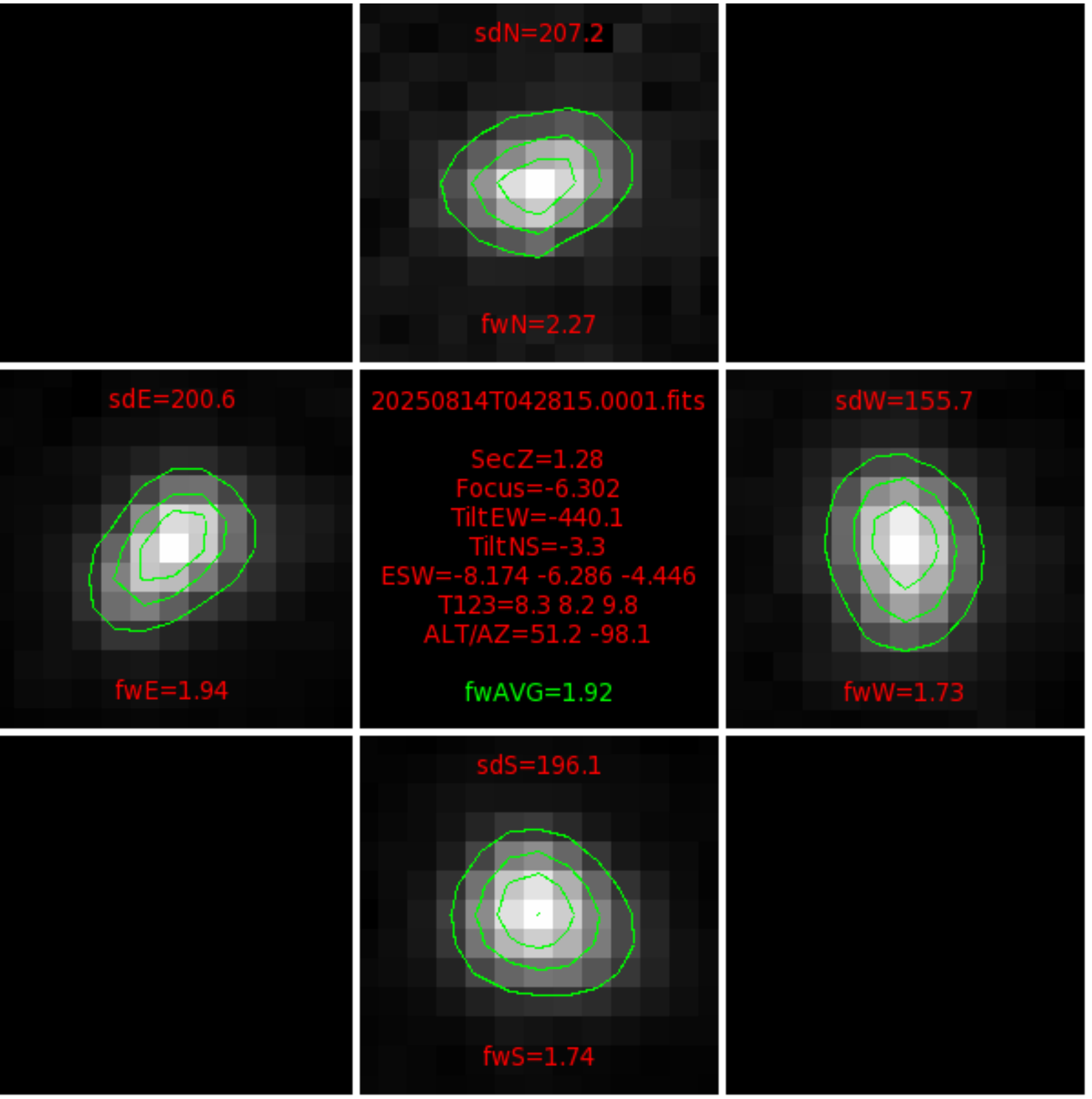
sdN=207.2
fwN=2.27
sdE=200.6
fwE=1.94
20250814T042815.0001.fits
SecZ=1.28
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.3 8.2 9.8
ALT/AZ=51.2 -98.1
fwAVG=1.92
sdW=155.7
fwW=1.73
sdS=196.1
fwS=1.74
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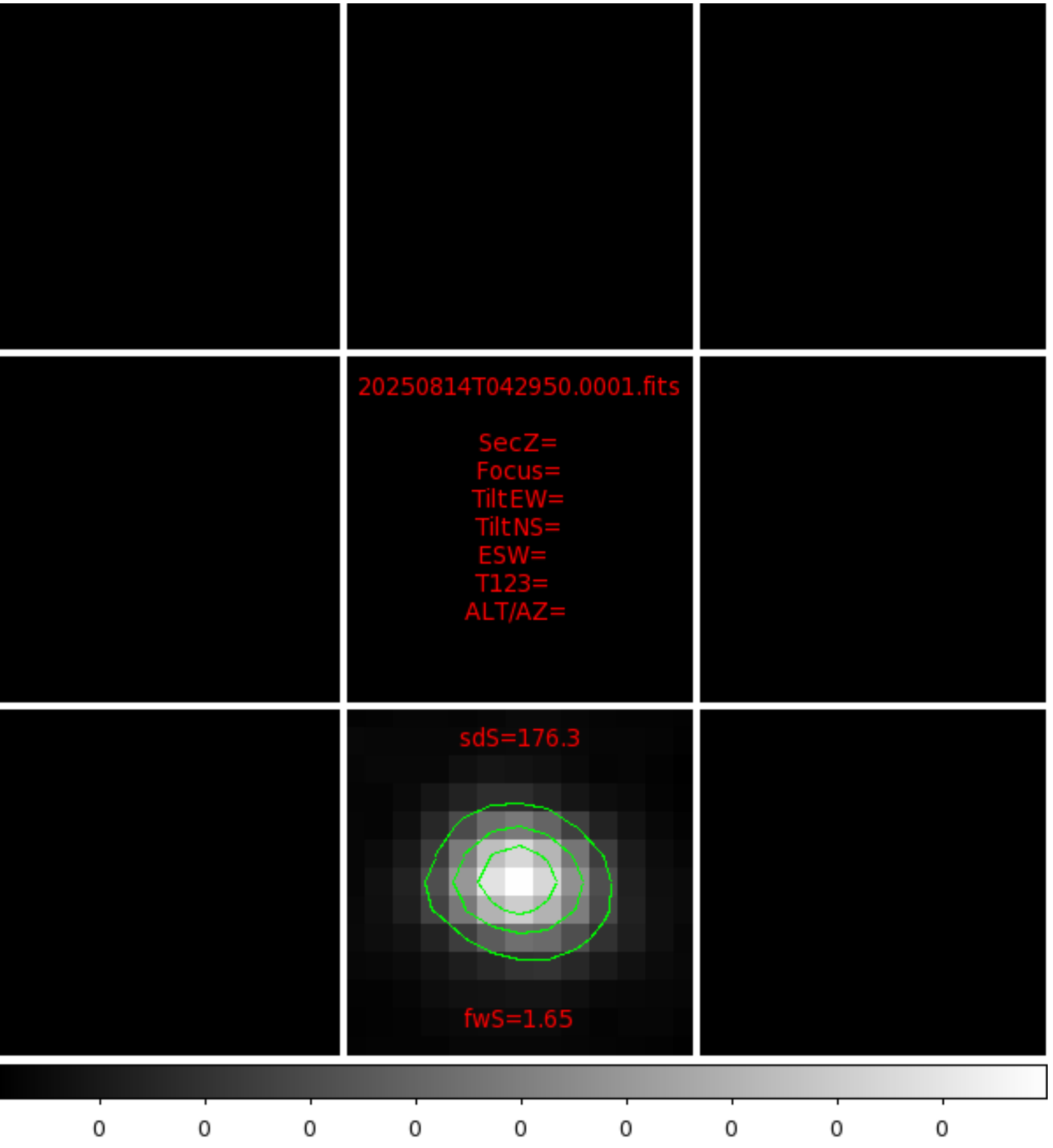
20250814T042950.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=176.3
fwS=1.65
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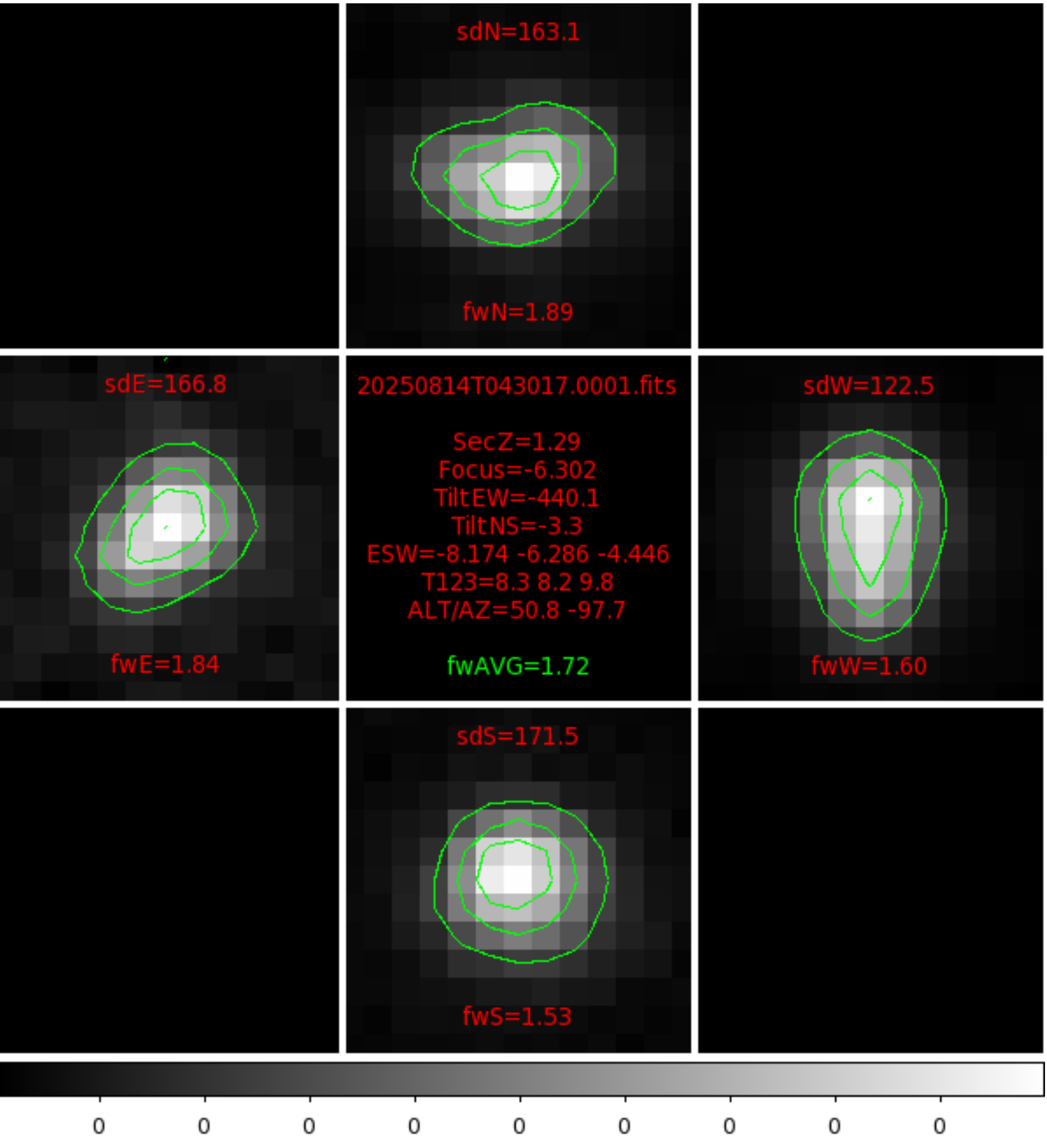
sdN=163.1
fwN=1.89
sdE=166.8
fwE=1.84
20250814T043017.0001.fits
SecZ=1.29
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.3 8.2 9.8
ALT/AZ=50.8 -97.7
fwAVG=1.72
sdW=122.5
fwW=1.60
sdS=171.5
fwS=1.53
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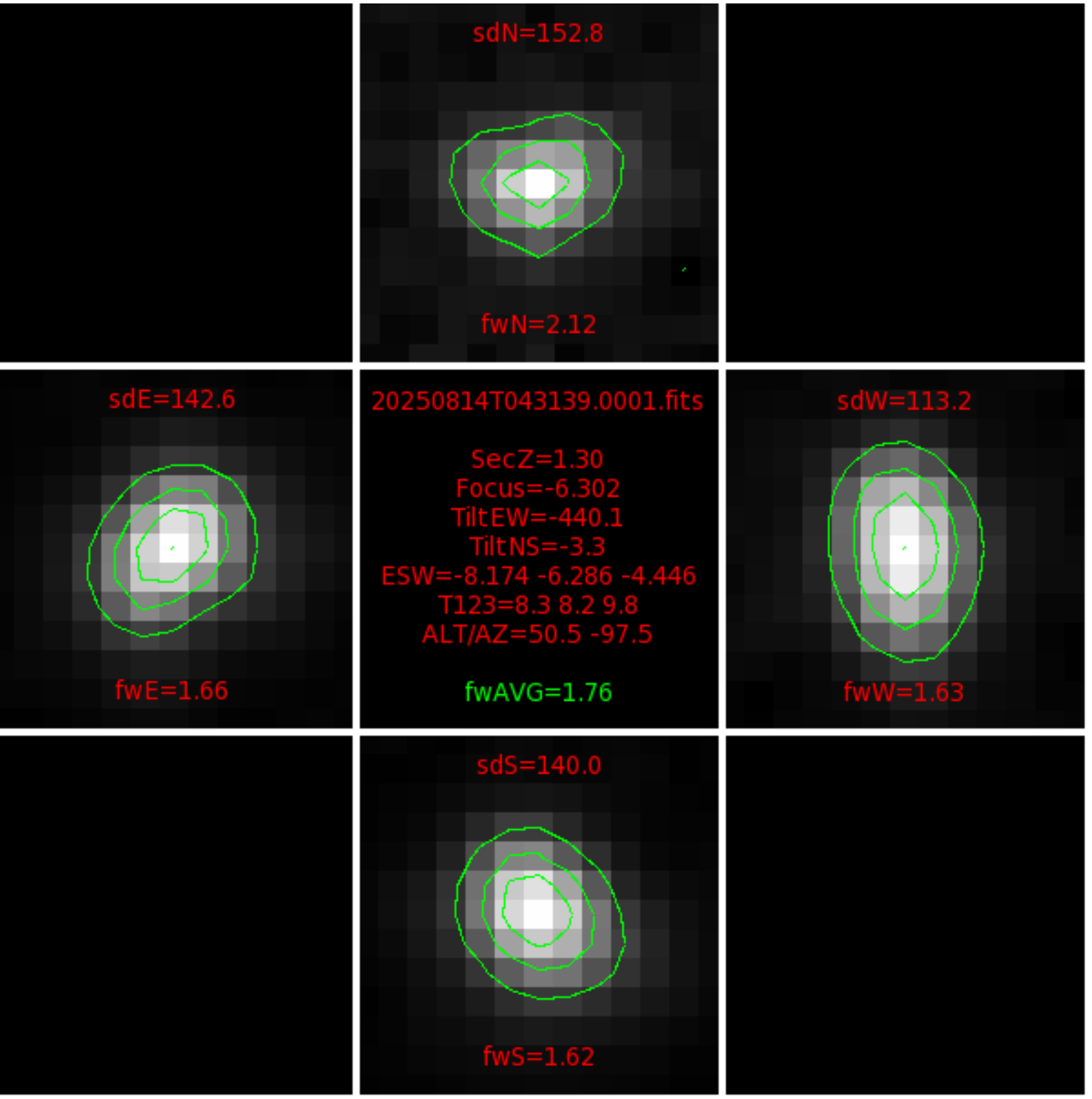
sdN=152.8
fwN=2.12
sdE=142.6
fwE=1.66
20250814T043139.0001.fits
SecZ=1.30
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.3 8.2 9.8
ALT/AZ=50.5 -97.5
fwAVG=1.76
sdW=113.2
fwW=1.63
sdS=140.0
fwS=1.62
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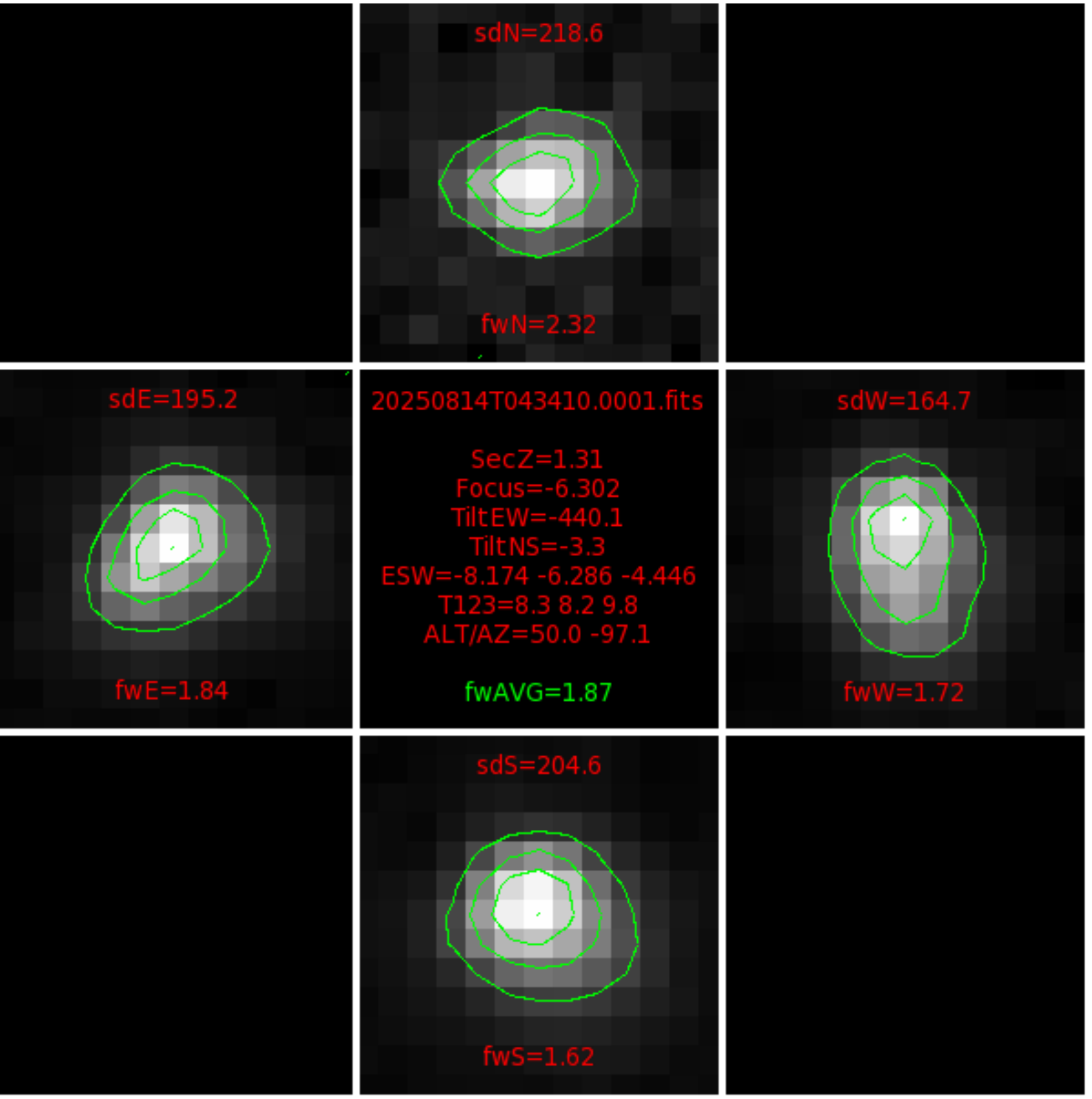
sdN=218.6
fwN=2.32
sdE=195.2
fwE=1.84
20250814T043410.0001.fits
SecZ=1.31
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.3 8.2 9.8
ALT/AZ=50.0 -97.1
fwAVG=1.87
sdW=164.7
fwW=1.72
sdS=204.6
fwS=1.62
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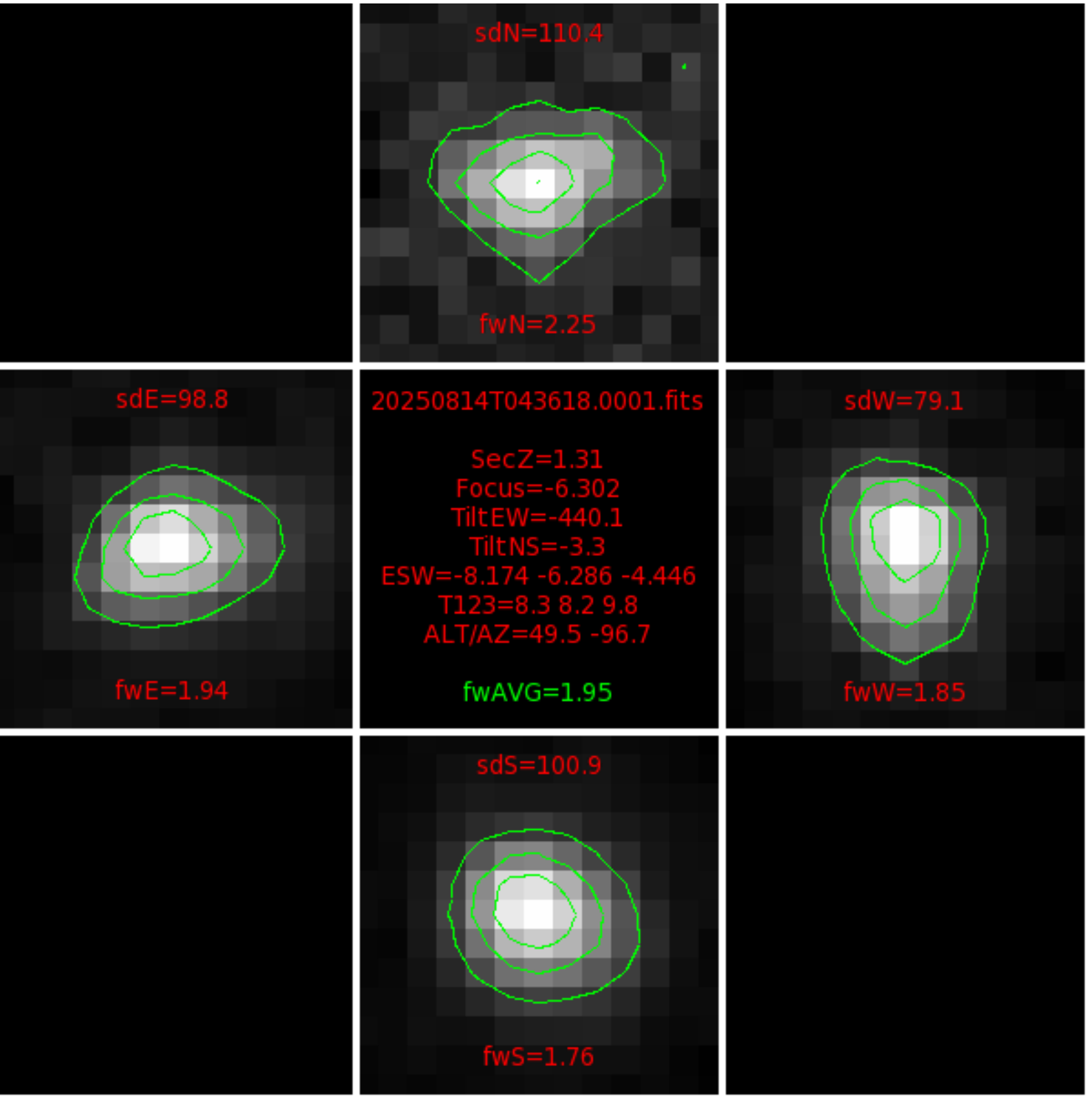
sdN=110.4
fwN=2.25
sdE=98.8
fwE=1.94
20250814T043618.0001.fits
SecZ=1.31
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.3 8.2 9.8
ALT/AZ=49.5 -96.7
fwAVG=1.95
sdW=79.1
fwW=1.85
sdS=100.9
fwS=1.76
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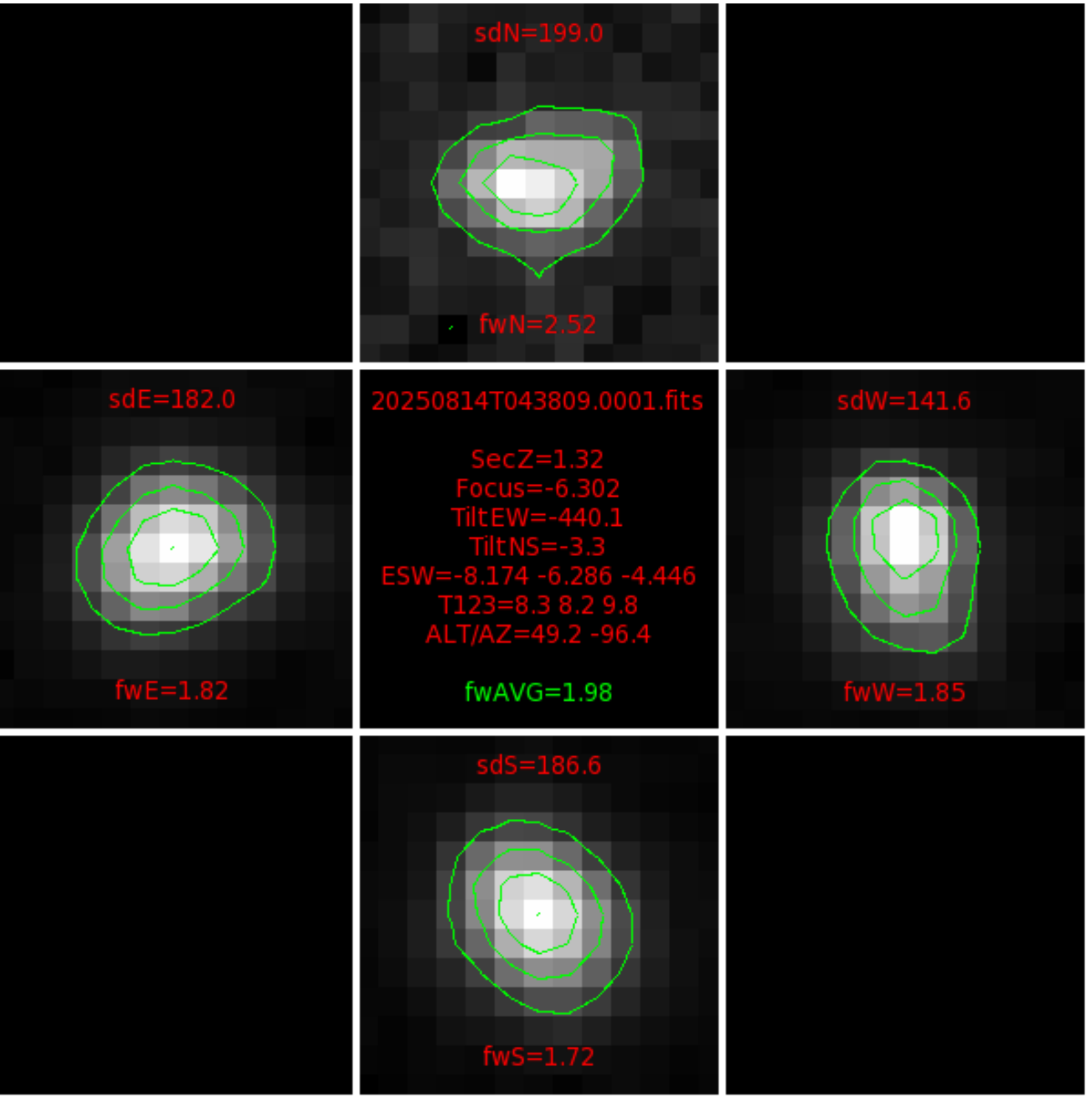
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fwN=2.52
sdE=182.0
fwE=1.82
20250814T043809.0001.fits
SecZ=1.32
Focus=-6.302
TiltEW=-440.1
TiltNS=-3.3
ESW=-8.174 -6.286 -4.446
T123=8.3 8.2 9.8
ALT/AZ=49.2 -96.4
fwAVG=1.98
sdW=141.6
fwW=1.85
sdS=186.6
fwS=1.72
0 0 0 0 0 0 0 0 0