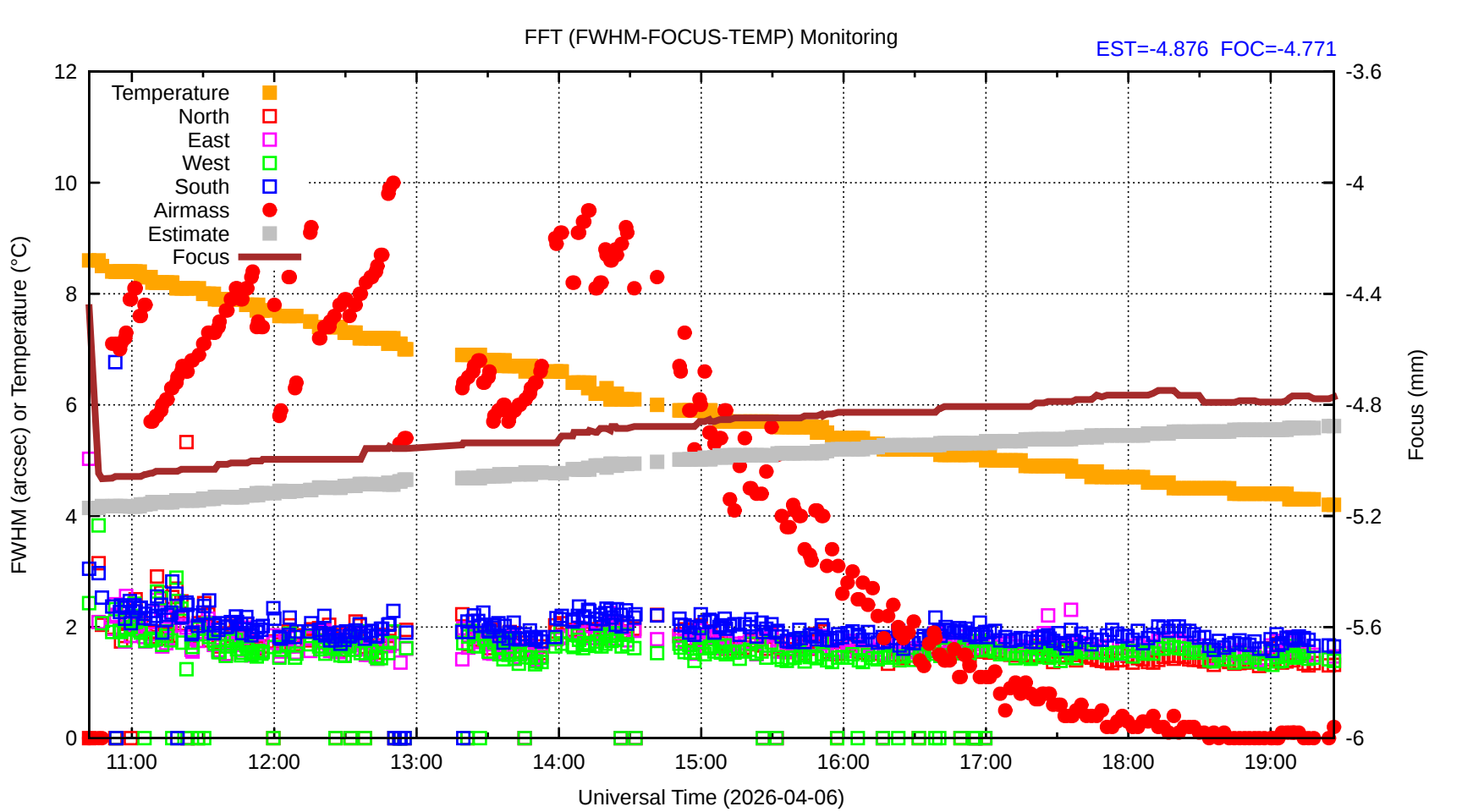
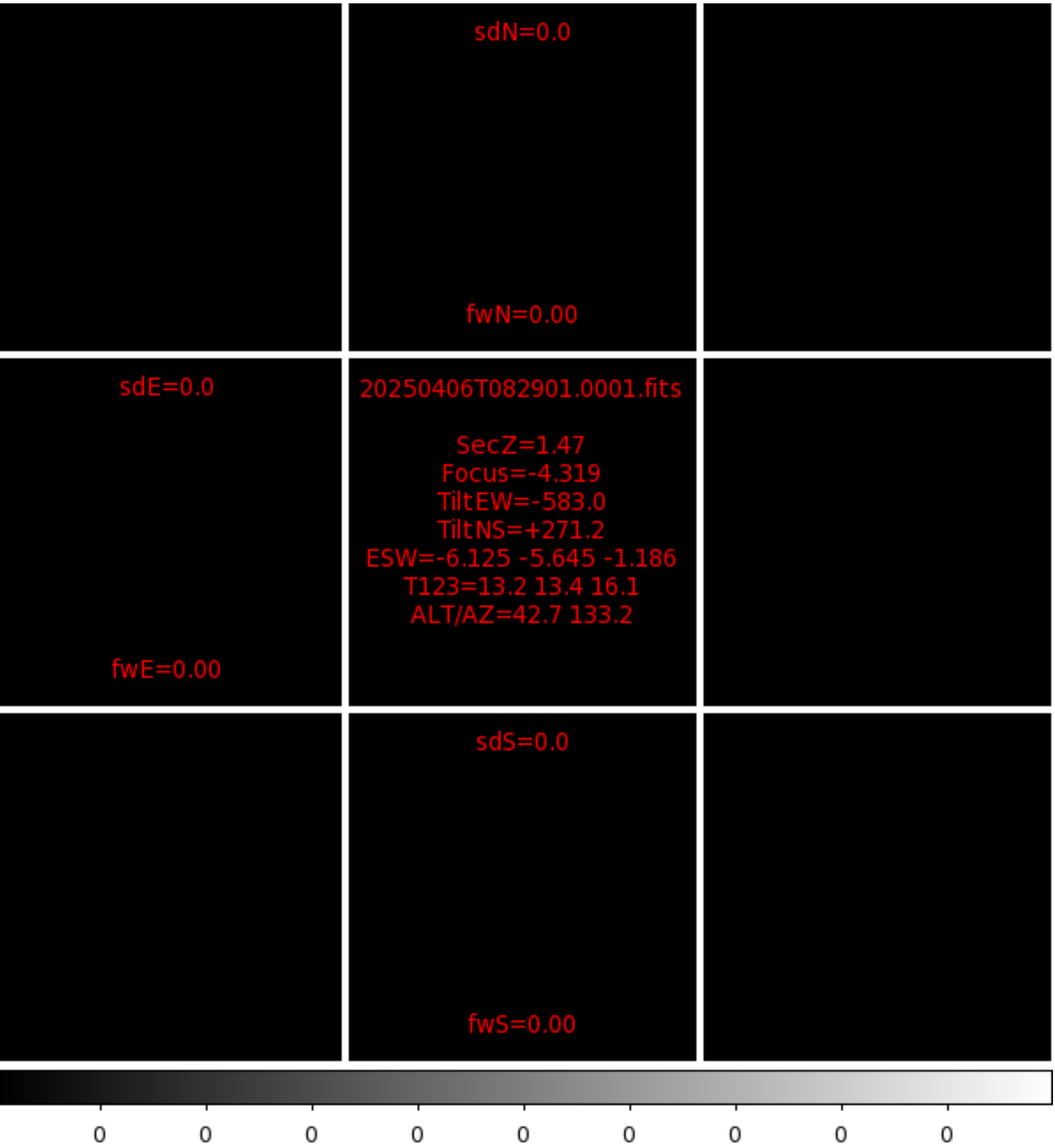

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-4.876 FOC=-4.771
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2026-04-06)
0
2
4
6
8
10
12
-3.6
-4
-4.4
-4.8
-5.2
-5.6
-6
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00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20250406T082901.0001.fits
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Focus=-4.319
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.125 -5.645 -1.186
T123=13.2 13.4 16.1
ALT/AZ=42.7 133.2
sdS=0.0
fwS=0.00
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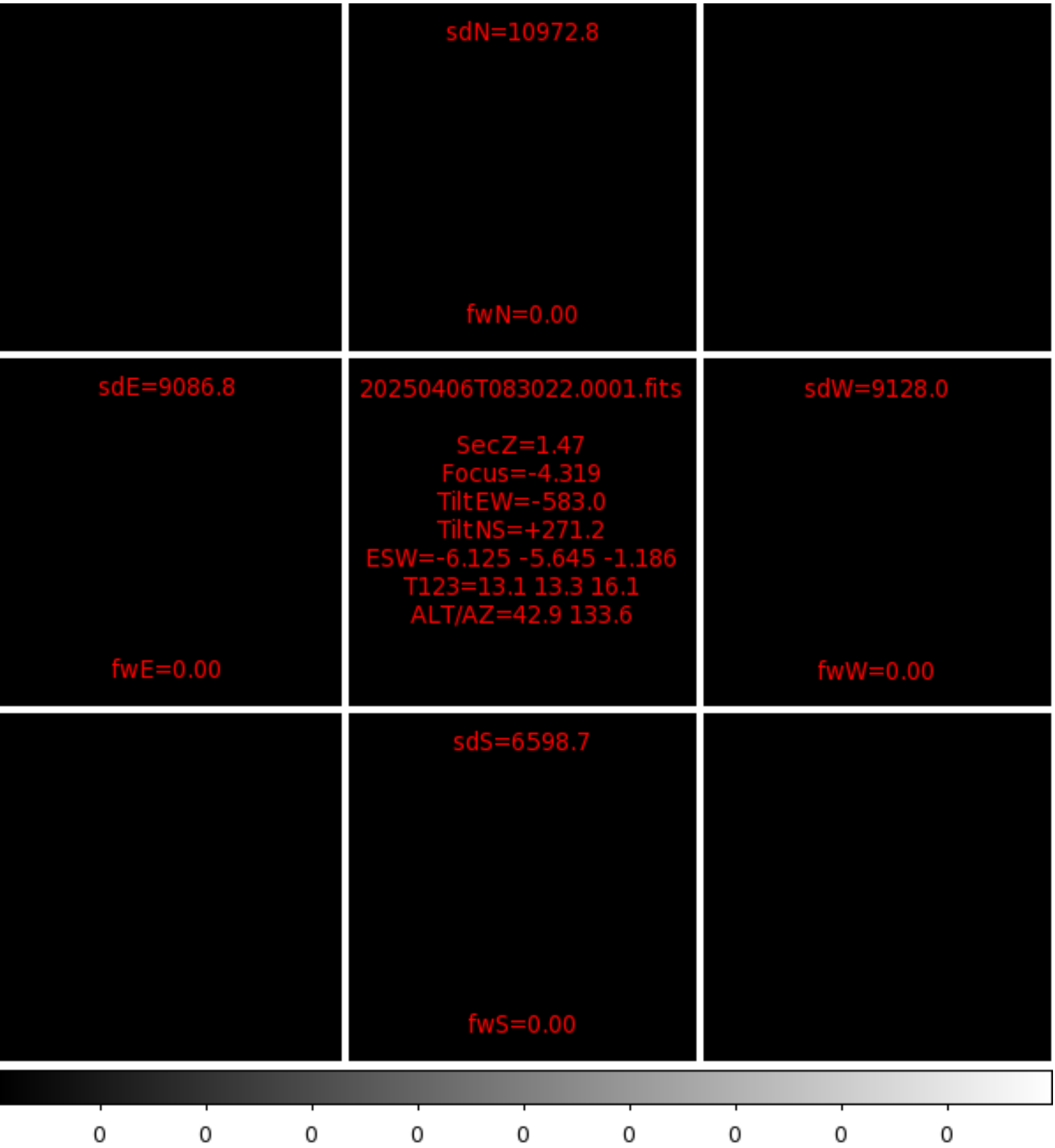
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SecZ=1.47
Focus=-4.319
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.125 -5.645 -1.186
T123=13.1 13.3 16.1
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sdW=9128.0
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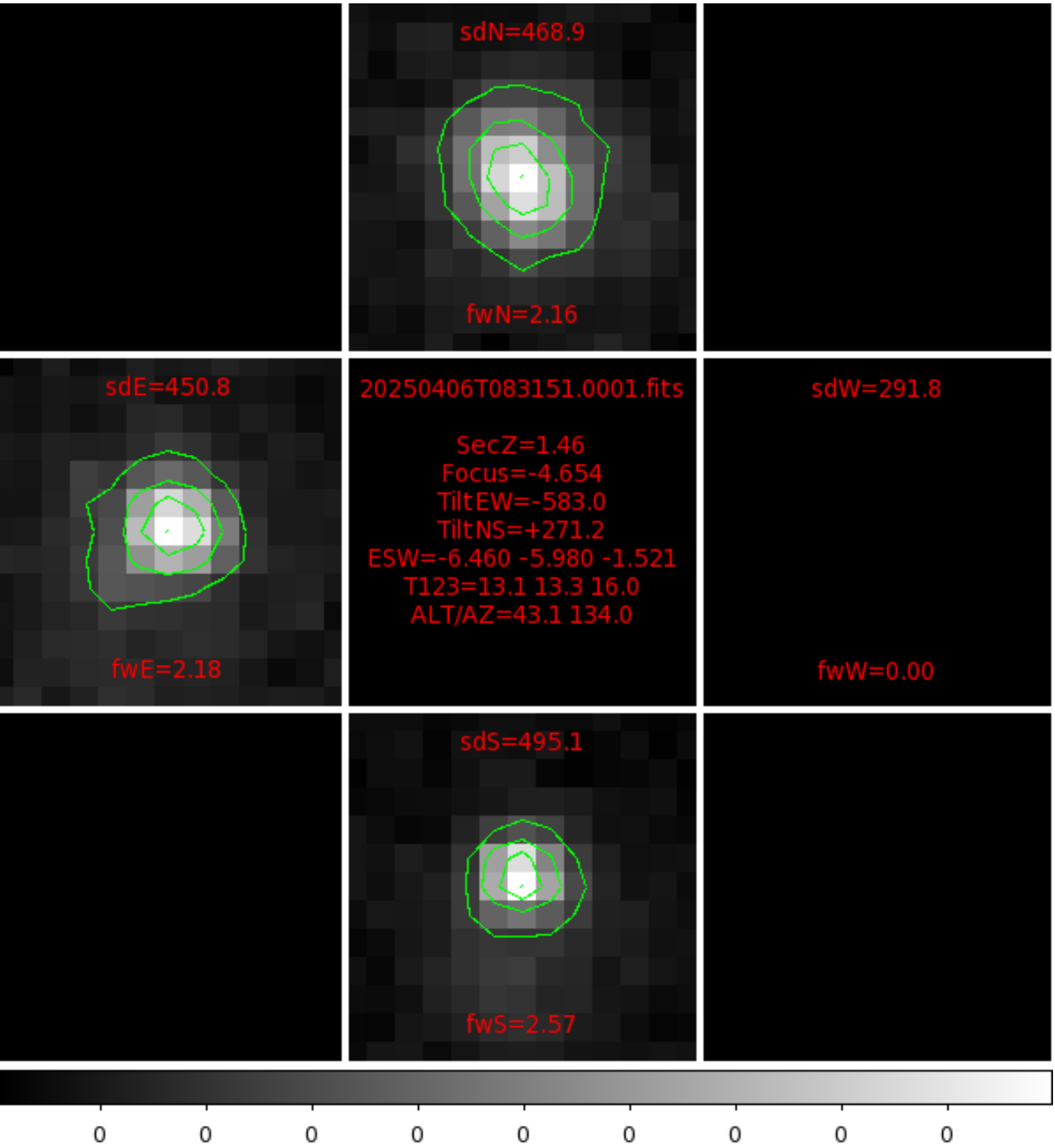
sdN=468.9
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sdE=450.8
fwE=2.18
20250406T083151.0001.fits
SecZ=1.46
Focus=-4.654
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.460 -5.980 -1.521
T123=13.1 13.3 16.0
ALT/AZ=43.1 134.0
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fwS=2.57
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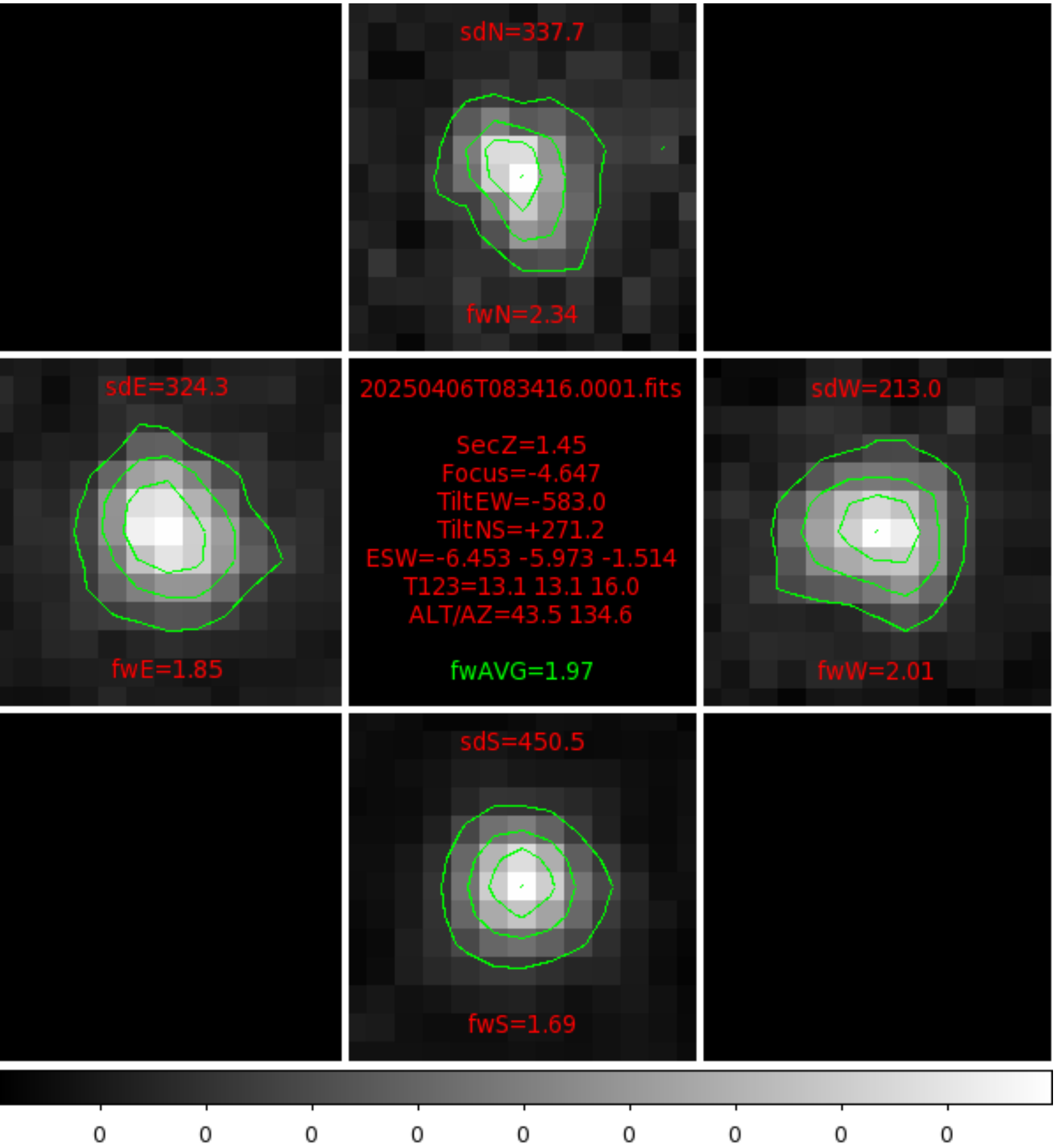
sdN=337.7
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sdE=324.3
fwE=1.85
20250406T083416.0001.fits
SecZ=1.45
Focus=-4.647
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.453 -5.973 -1.514
T123=13.1 13.1 16.0
ALT/AZ=43.5 134.6
fwAVG=1.97
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sdS=450.5
fwS=1.69
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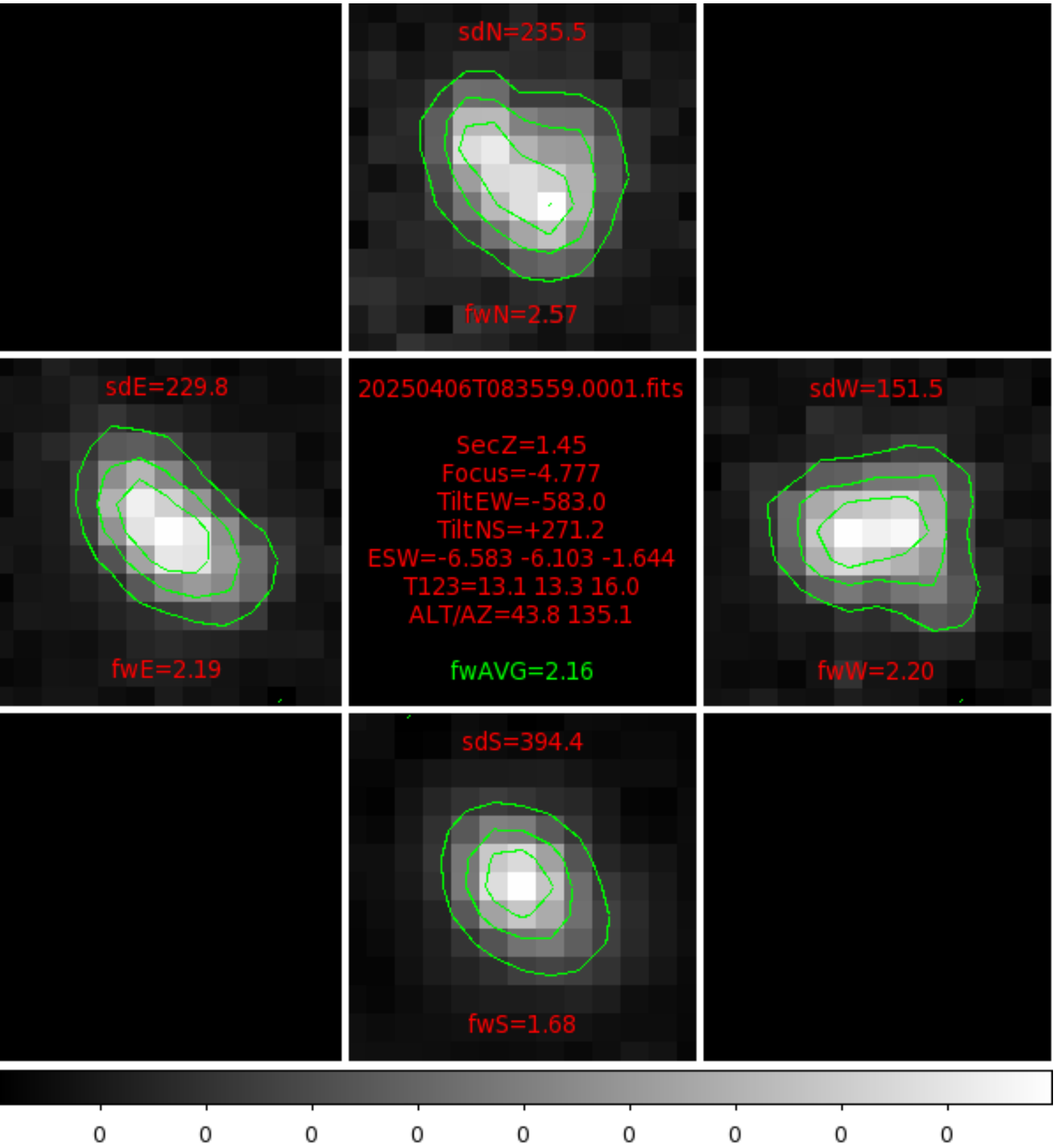
sdN=235.5
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20250406T083559.0001.fits
SecZ=1.45
Focus=-4.777
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.583 -6.103 -1.644
T123=13.1 13.3 16.0
ALT/AZ=43.8 135.1
fwAVG=2.16
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sdS=394.4
fwS=1.68
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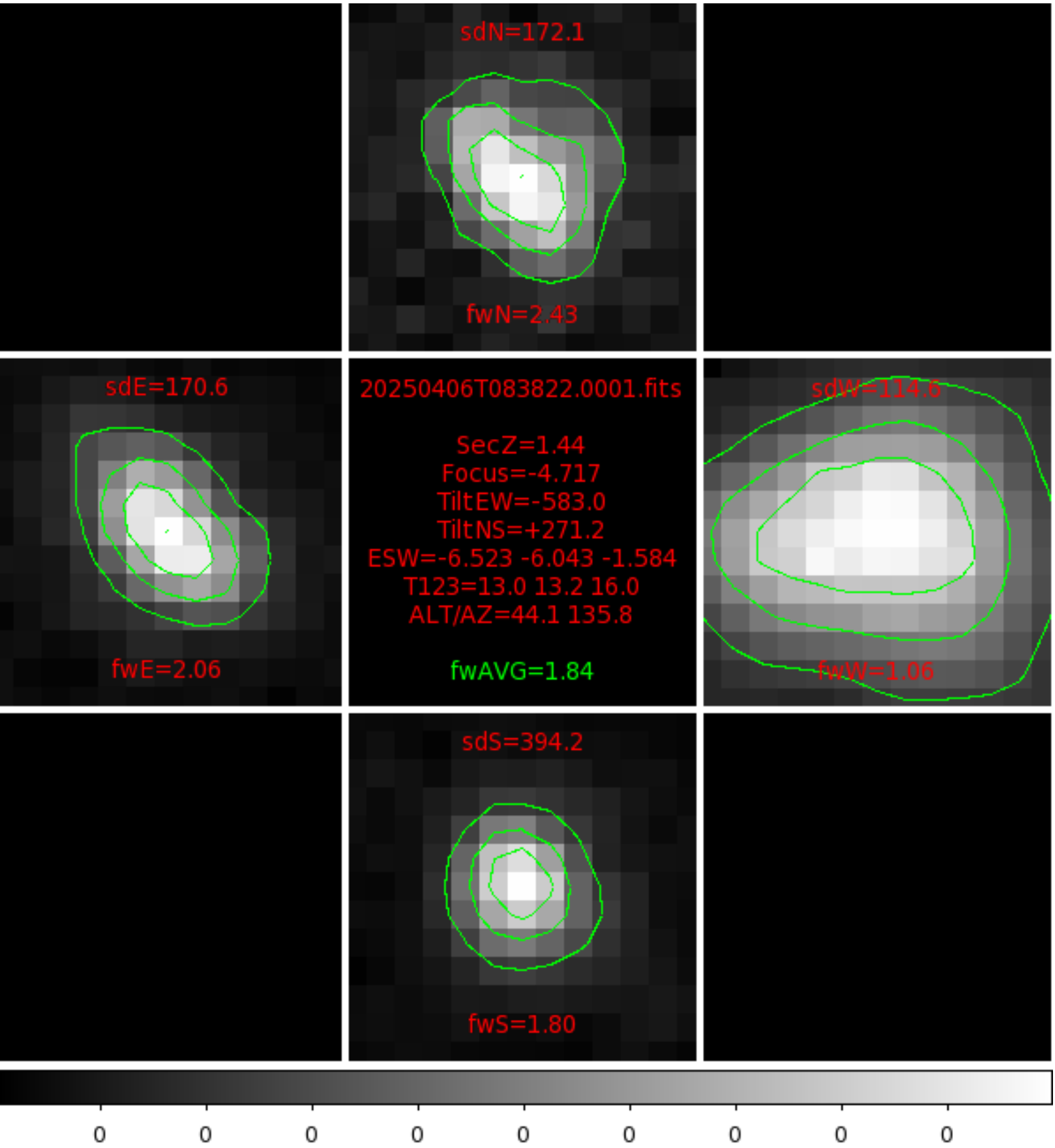
sdN=172.1
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fwE=2.06
20250406T083822.0001.fits
SecZ=1.44
Focus=-4.717
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.523 -6.043 -1.584
T123=13.0 13.2 16.0
ALT/AZ=44.1 135.8
fwAVG=1.84
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sdS=394.2
fwS=1.80
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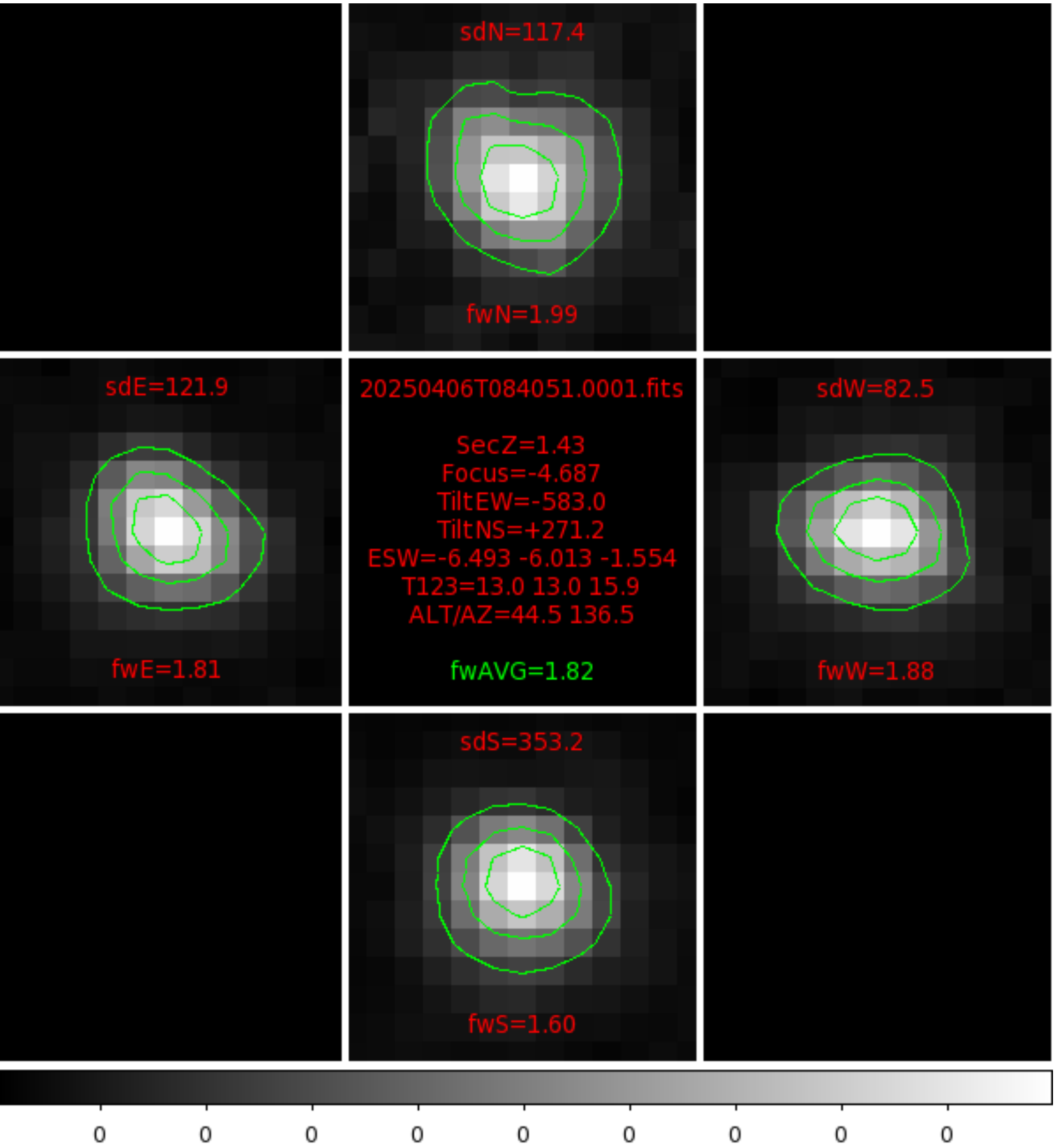
sdN=117.4
fwN=1.99
sdE=121.9
fwE=1.81
20250406T084051.0001.fits
SecZ=1.43
Focus=-4.687
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.493 -6.013 -1.554
T123=13.0 13.0 15.9
ALT/AZ=44.5 136.5
fwAVG=1.82
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sdS=353.2
fwS=1.60
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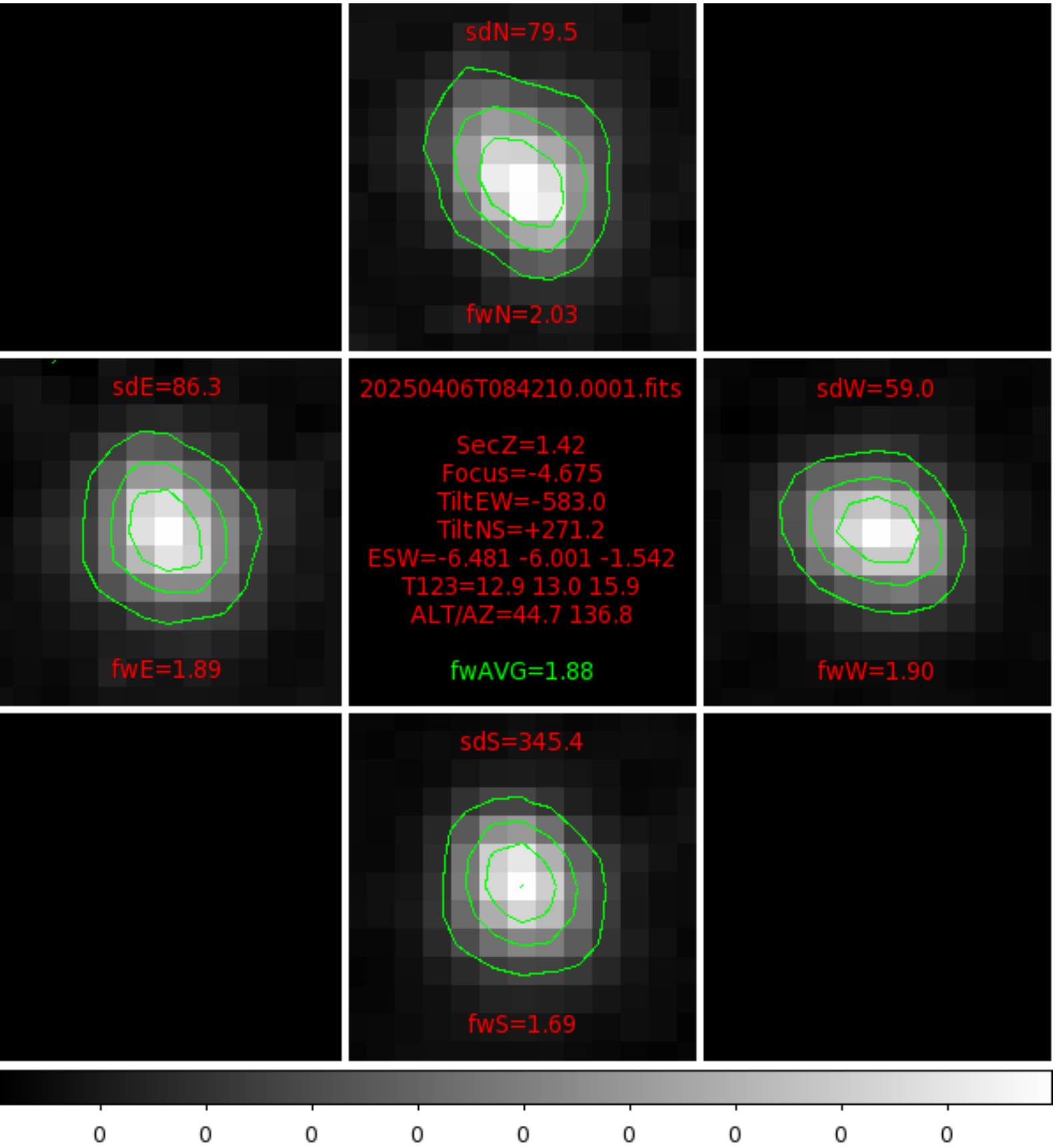
sdN=79.5
fwN=2.03
sdE=86.3
fwE=1.89
20250406T084210.0001.fits
SecZ=1.42
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=12.9 13.0 15.9
ALT/AZ=44.7 136.8
fwAVG=1.88
sdW=59.0
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sdS=345.4
fwS=1.69
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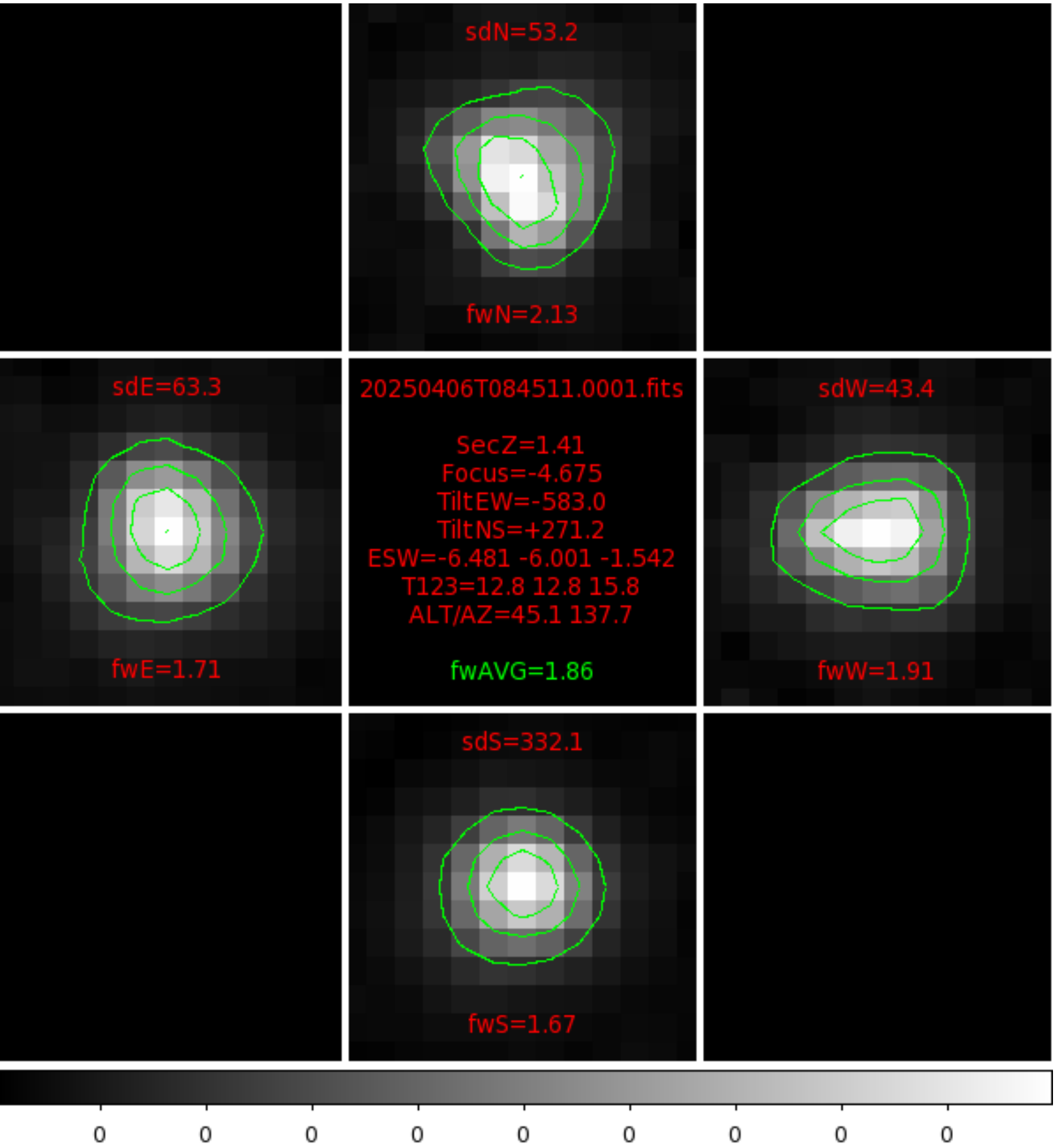
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fwE=1.71
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SecZ=1.41
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=12.8 12.8 15.8
ALT/AZ=45.1 137.7
fwAVG=1.86
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sdS=332.1
fwS=1.67
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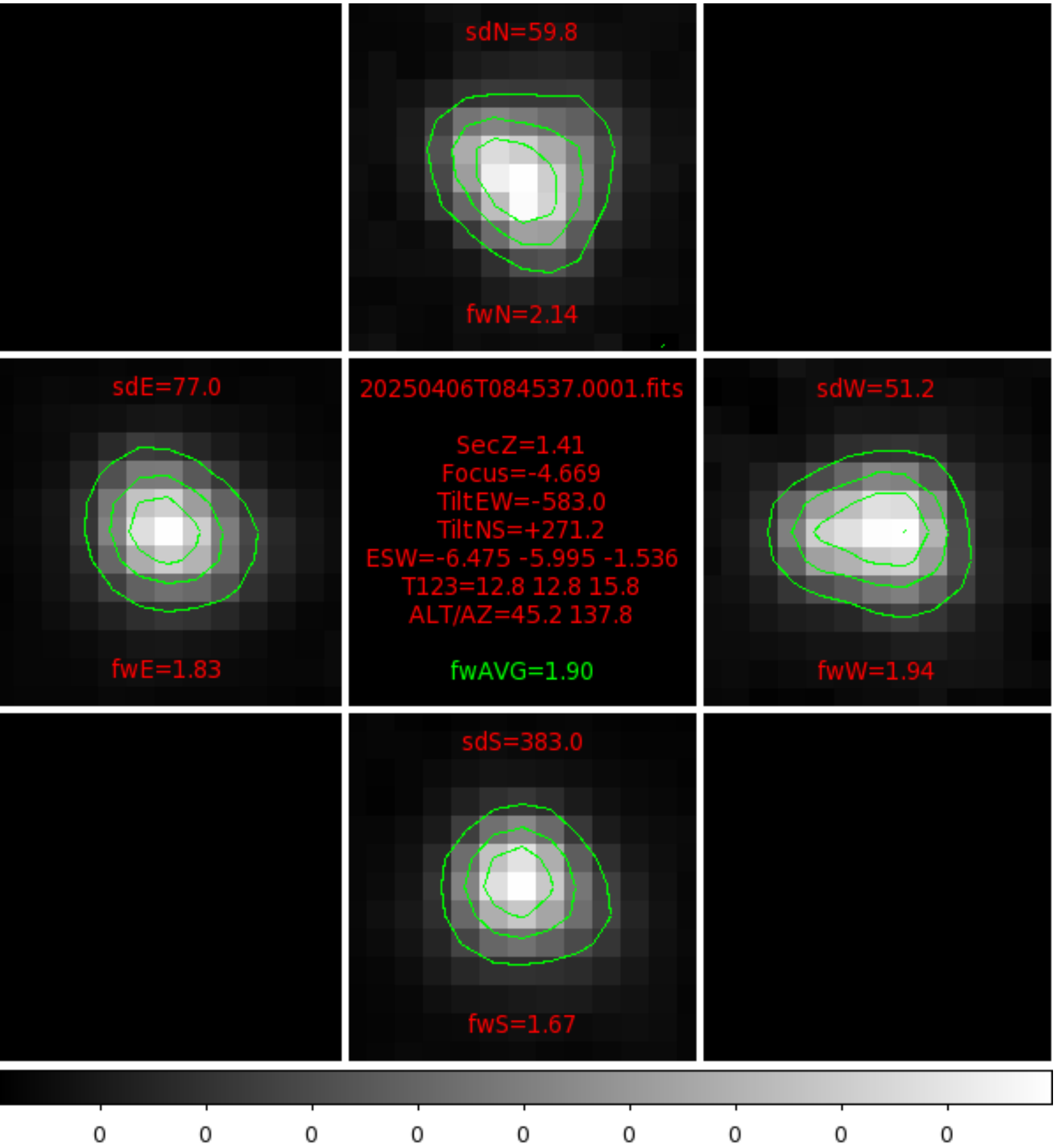
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fwE=1.83
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SecZ=1.41
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=12.8 12.8 15.8
ALT/AZ=45.2 137.8
fwAVG=1.90
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sdS=383.0
fwS=1.67
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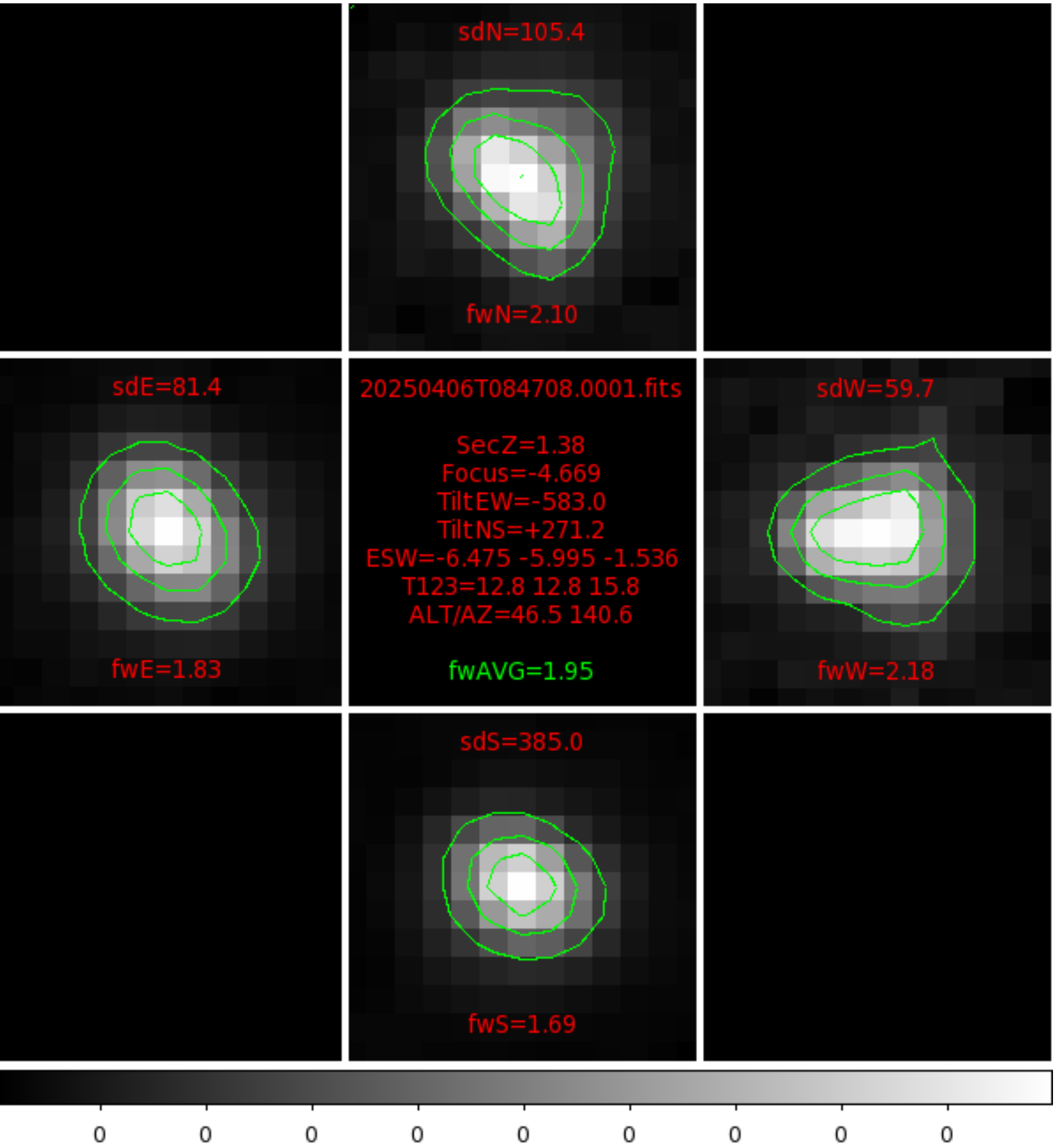
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fwE=1.83
20250406T084708.0001.fits
SecZ=1.38
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=12.8 12.8 15.8
ALT/AZ=46.5 140.6
fwAVG=1.95
sdW=59.7
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sdS=385.0
fwS=1.69
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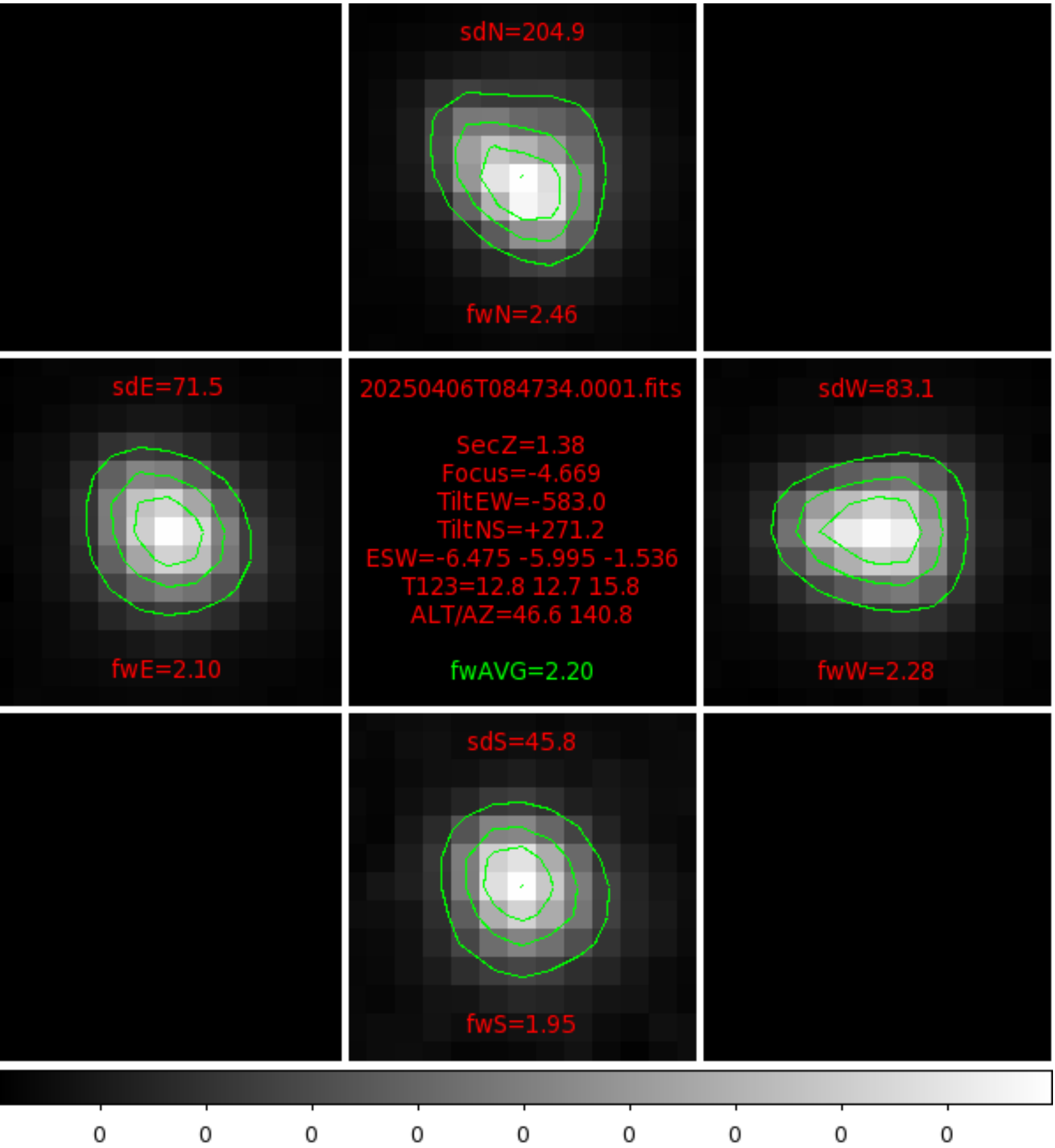
sdN=204.9
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sdE=71.5
fwE=2.10
20250406T084734.0001.fits
SecZ=1.38
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=12.8 12.7 15.8
ALT/AZ=46.6 140.8
fwAVG=2.20
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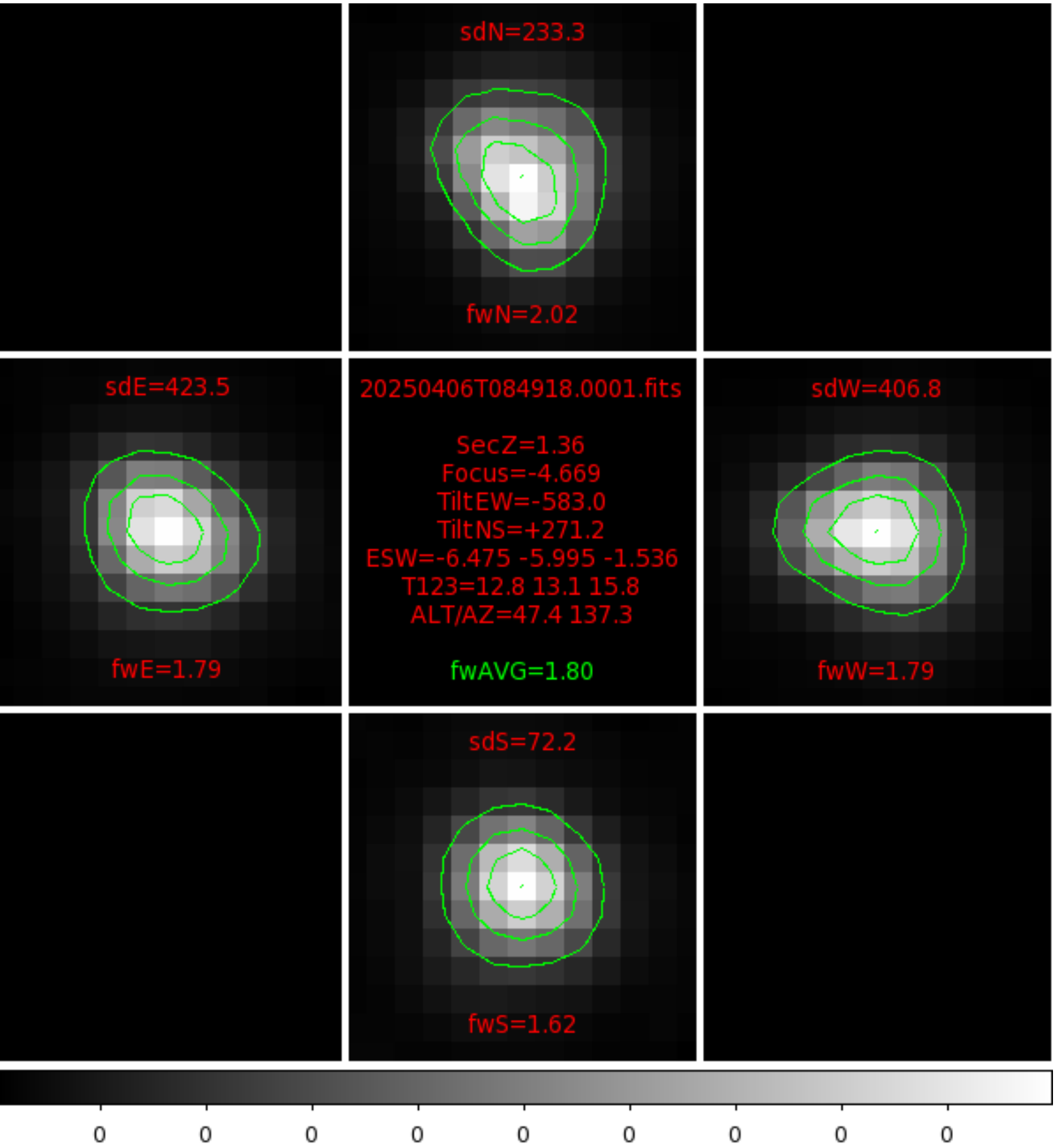
sdN=233.3
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sdE=423.5
fwE=1.79
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SecZ=1.36
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=12.8 13.1 15.8
ALT/AZ=47.4 137.3
fwAVG=1.80
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fwW=1.79
sdS=72.2
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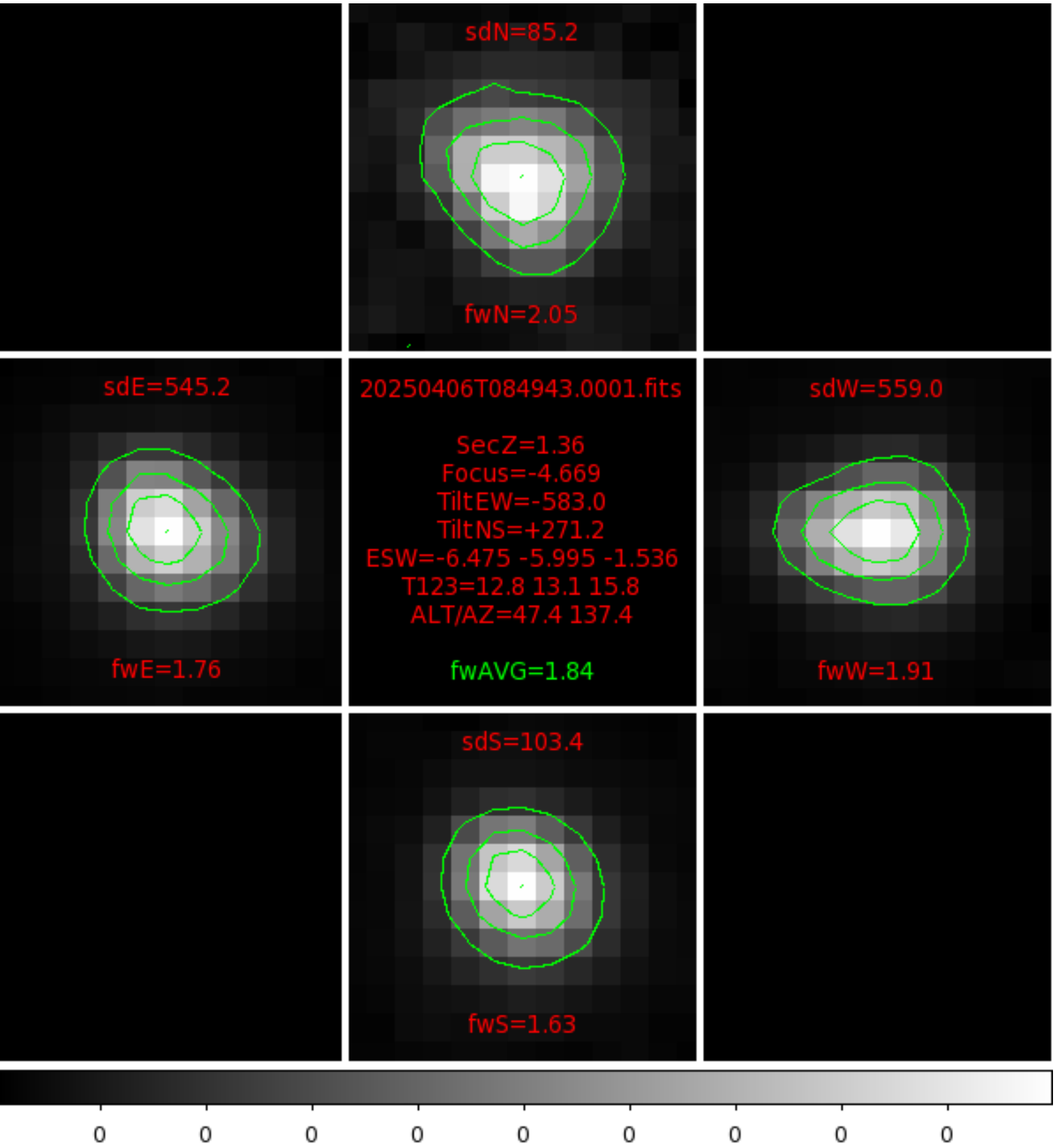
sdN=85.2
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fwE=1.76
20250406T084943.0001.fits
SecZ=1.36
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=12.8 13.1 15.8
ALT/AZ=47.4 137.4
fwAVG=1.84
sdW=559.0
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sdS=103.4
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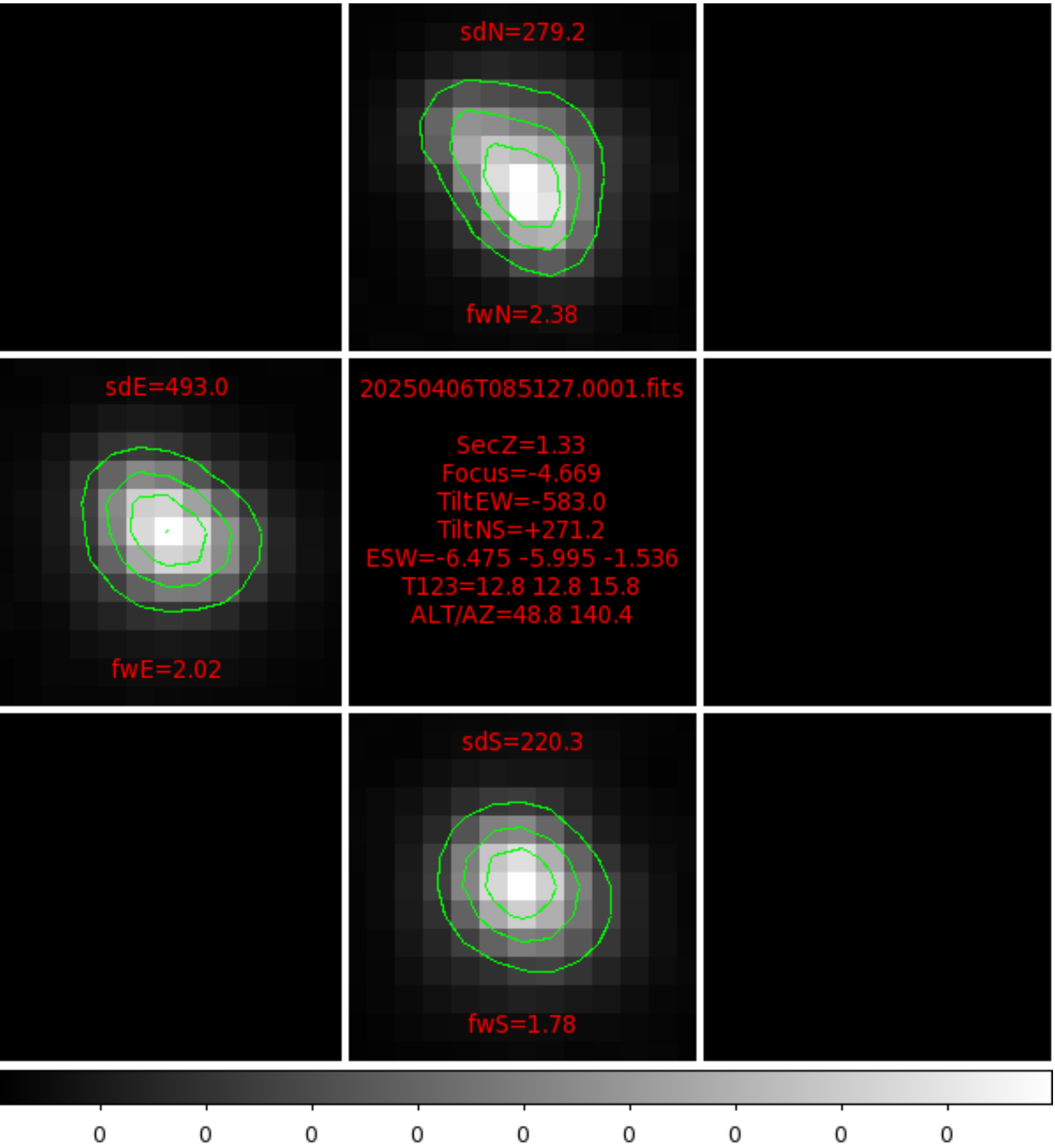
sdN=279.2
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sdE=493.0
fwE=2.02
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SecZ=1.33
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=12.8 12.8 15.8
ALT/AZ=48.8 140.4
sdS=220.3
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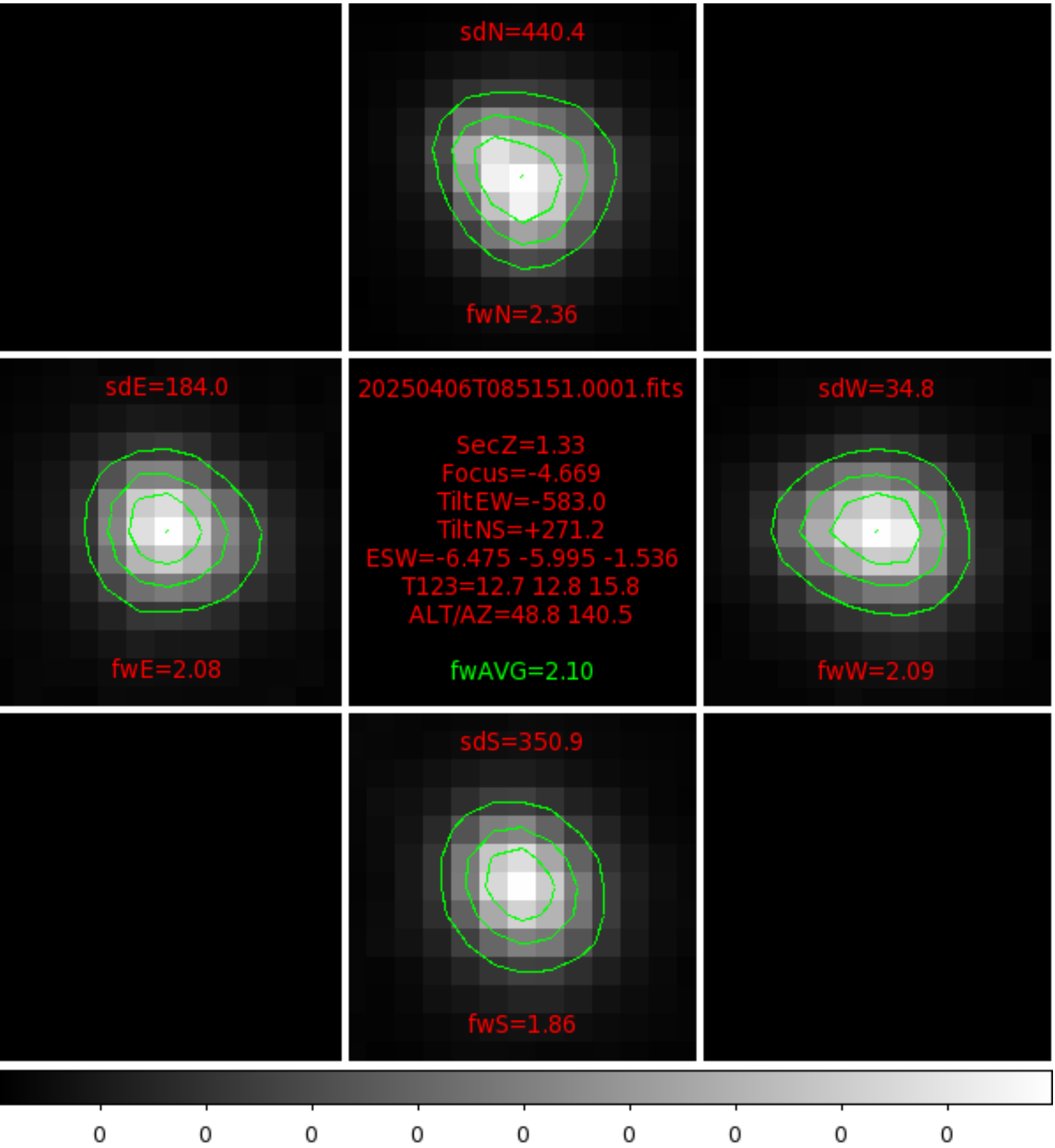
sdN=440.4
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sdE=184.0
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SecZ=1.33
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=12.7 12.8 15.8
ALT/AZ=48.8 140.5
fwAVG=2.10
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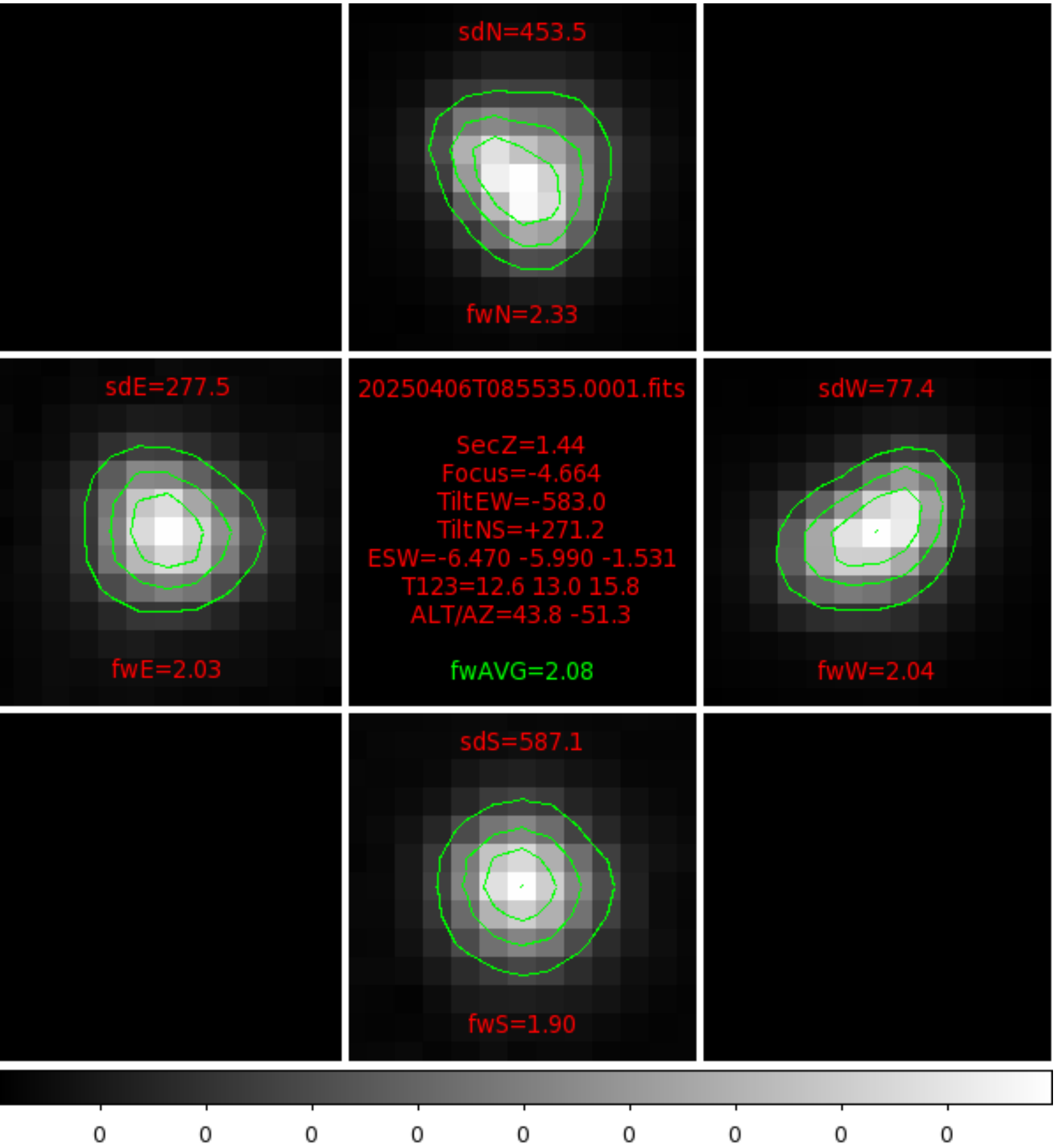
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SecZ=1.44
Focus=-4.664
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.470 -5.990 -1.531
T123=12.6 13.0 15.8
ALT/AZ=43.8 -51.3
fwAVG=2.08
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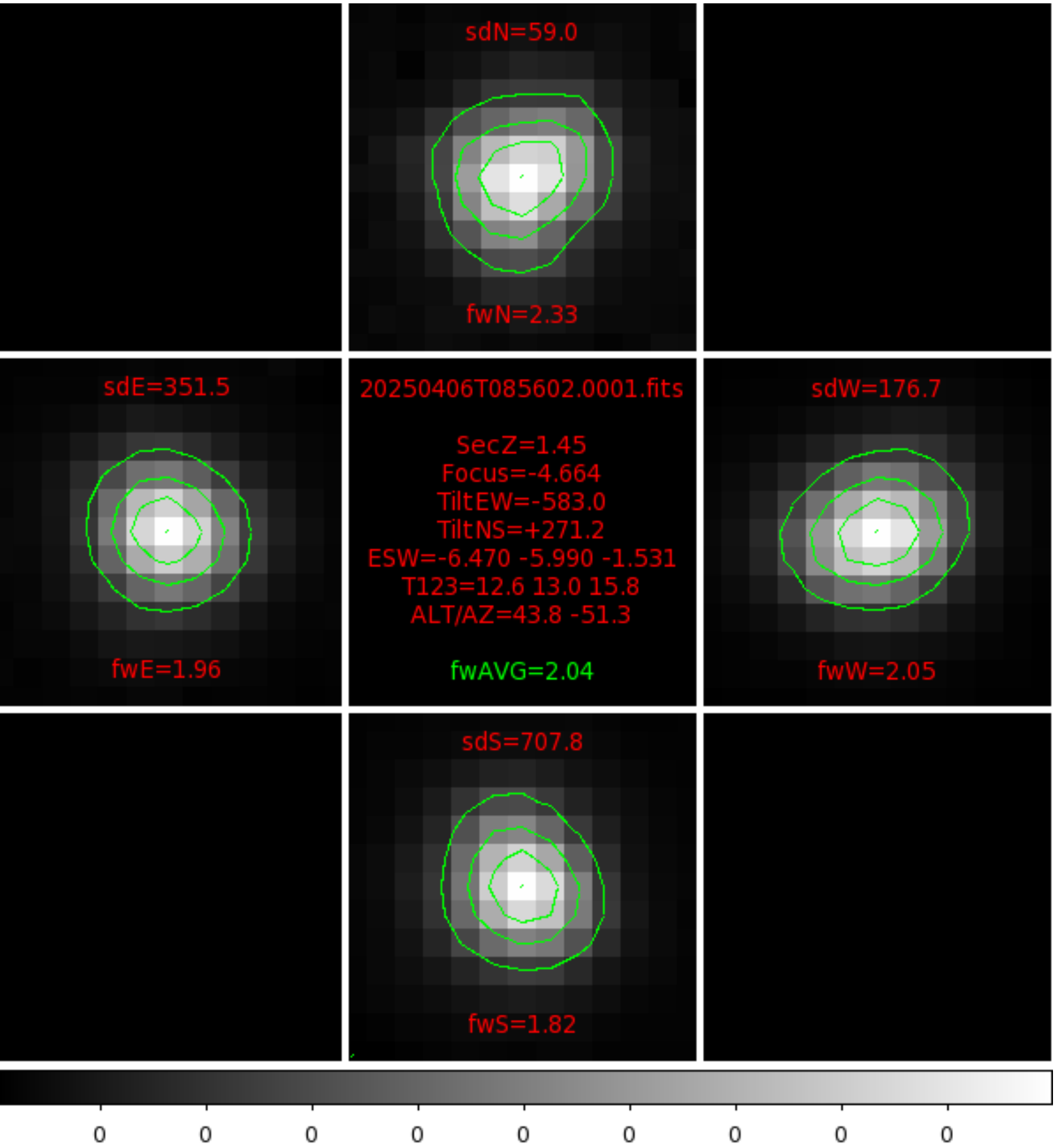
sdN=59.0
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fwE=1.96
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SecZ=1.45
Focus=-4.664
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.470 -5.990 -1.531
T123=12.6 13.0 15.8
ALT/AZ=43.8 -51.3
fwAVG=2.04
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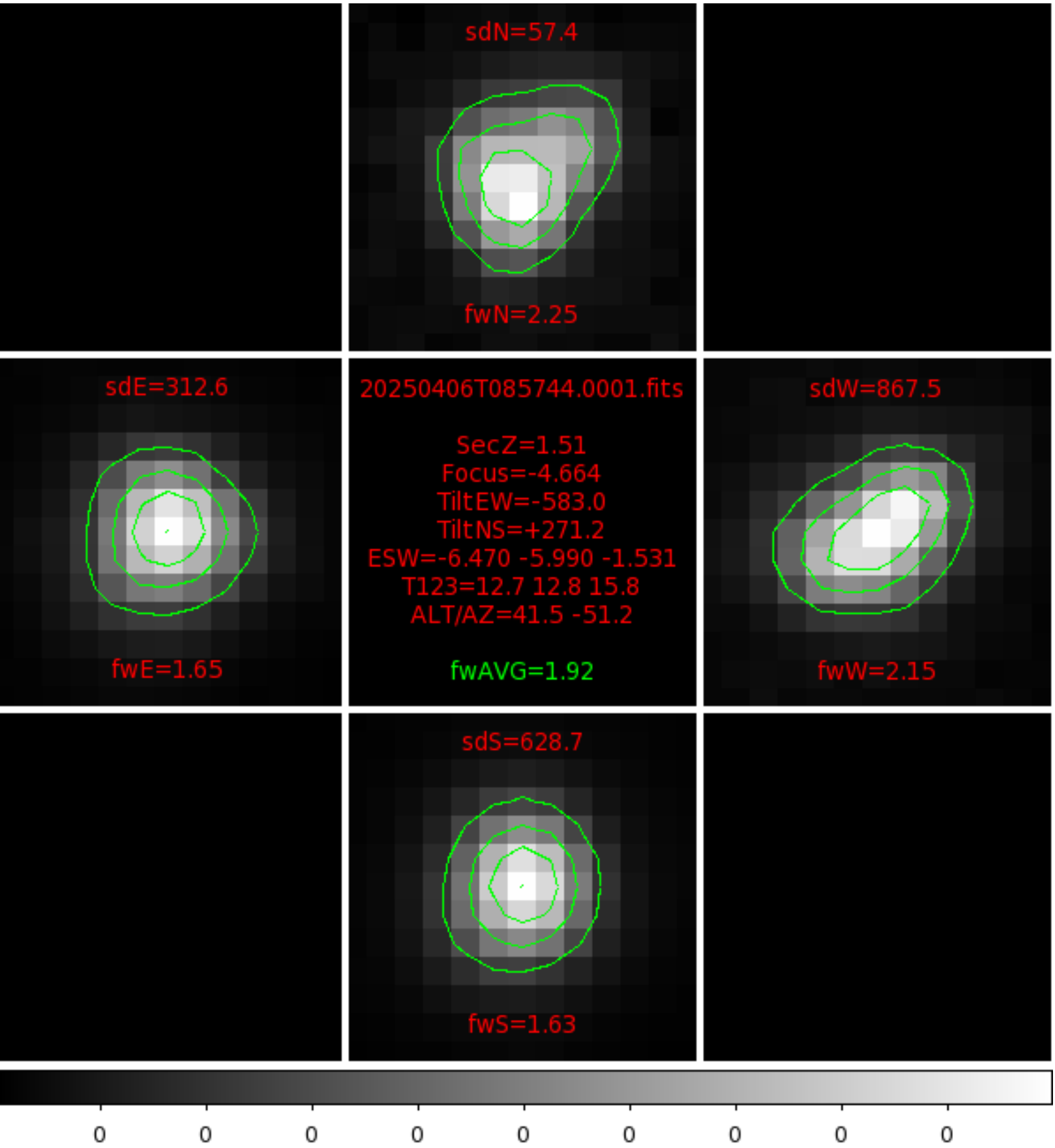
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fwE=1.65
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SecZ=1.51
Focus=-4.664
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.470 -5.990 -1.531
T123=12.7 12.8 15.8
ALT/AZ=41.5 -51.2
fwAVG=1.92
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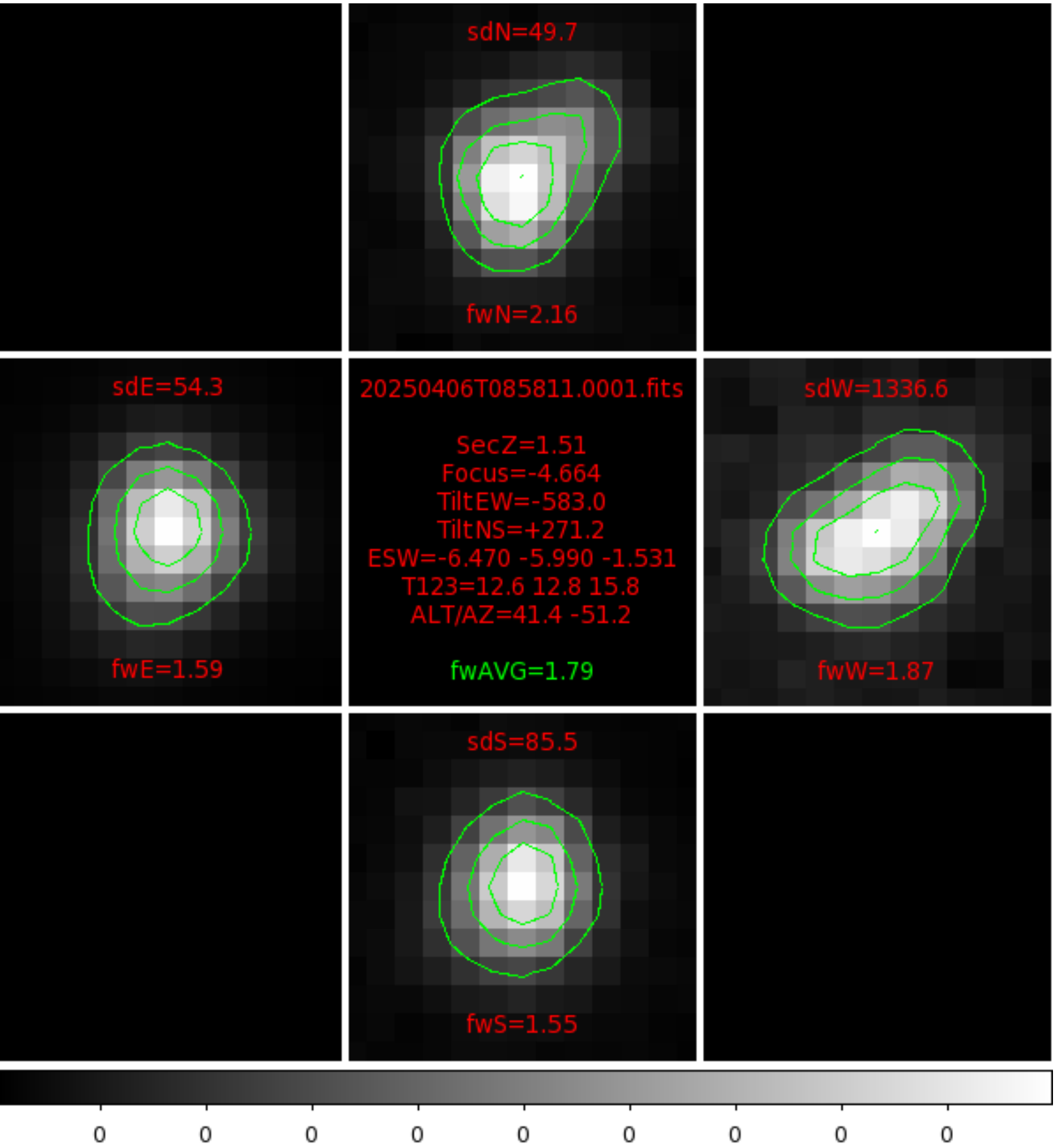
sdN=49.7
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sdE=54.3
fwE=1.59
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SecZ=1.51
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.470 -5.990 -1.531
T123=12.6 12.8 15.8
ALT/AZ=41.4 -51.2
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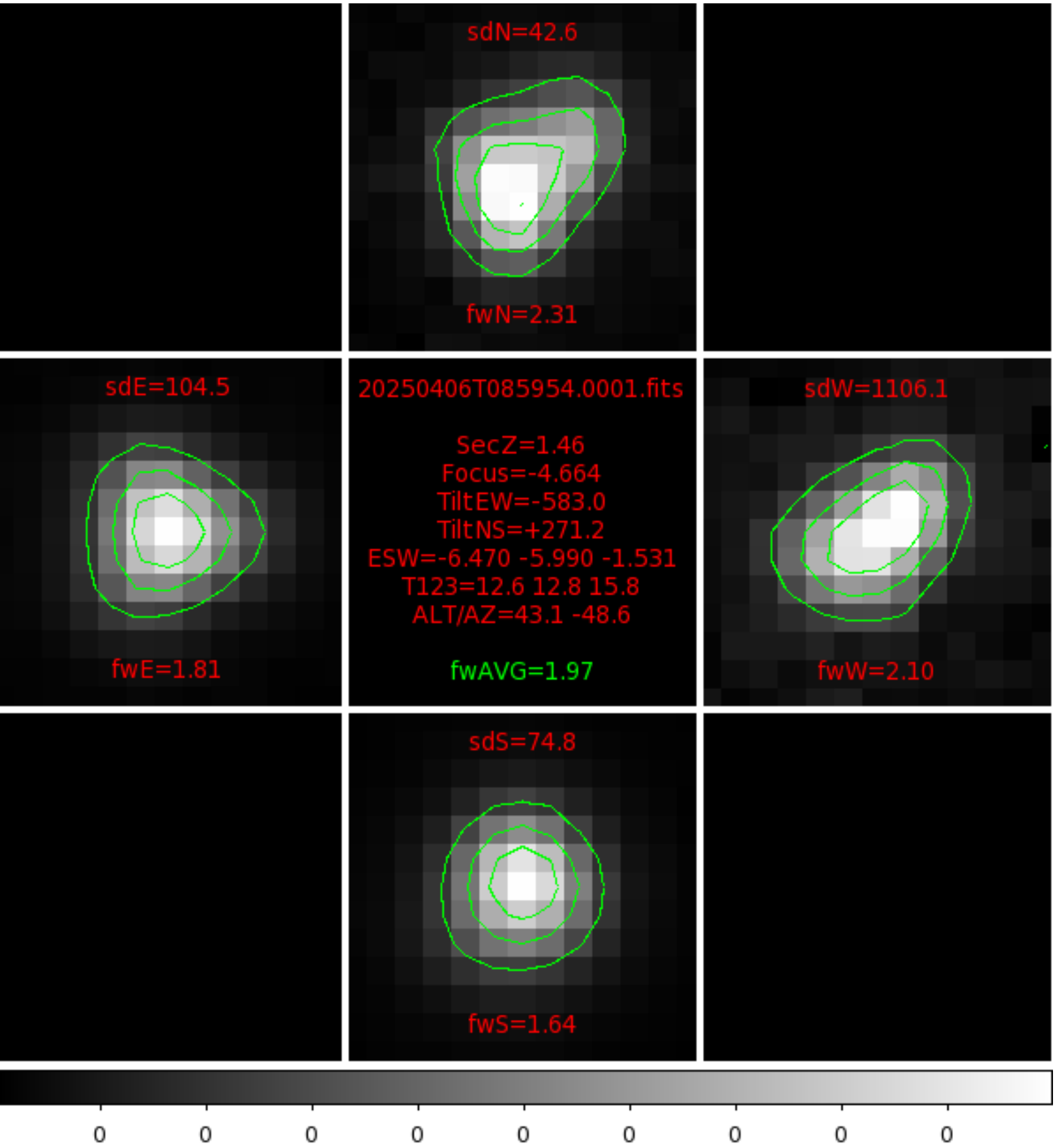
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sdE=104.5
fwE=1.81
20250406T085954.0001.fits
SecZ=1.46
Focus=-4.664
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.470 -5.990 -1.531
T123=12.6 12.8 15.8
ALT/AZ=43.1 -48.6
fwAVG=1.97
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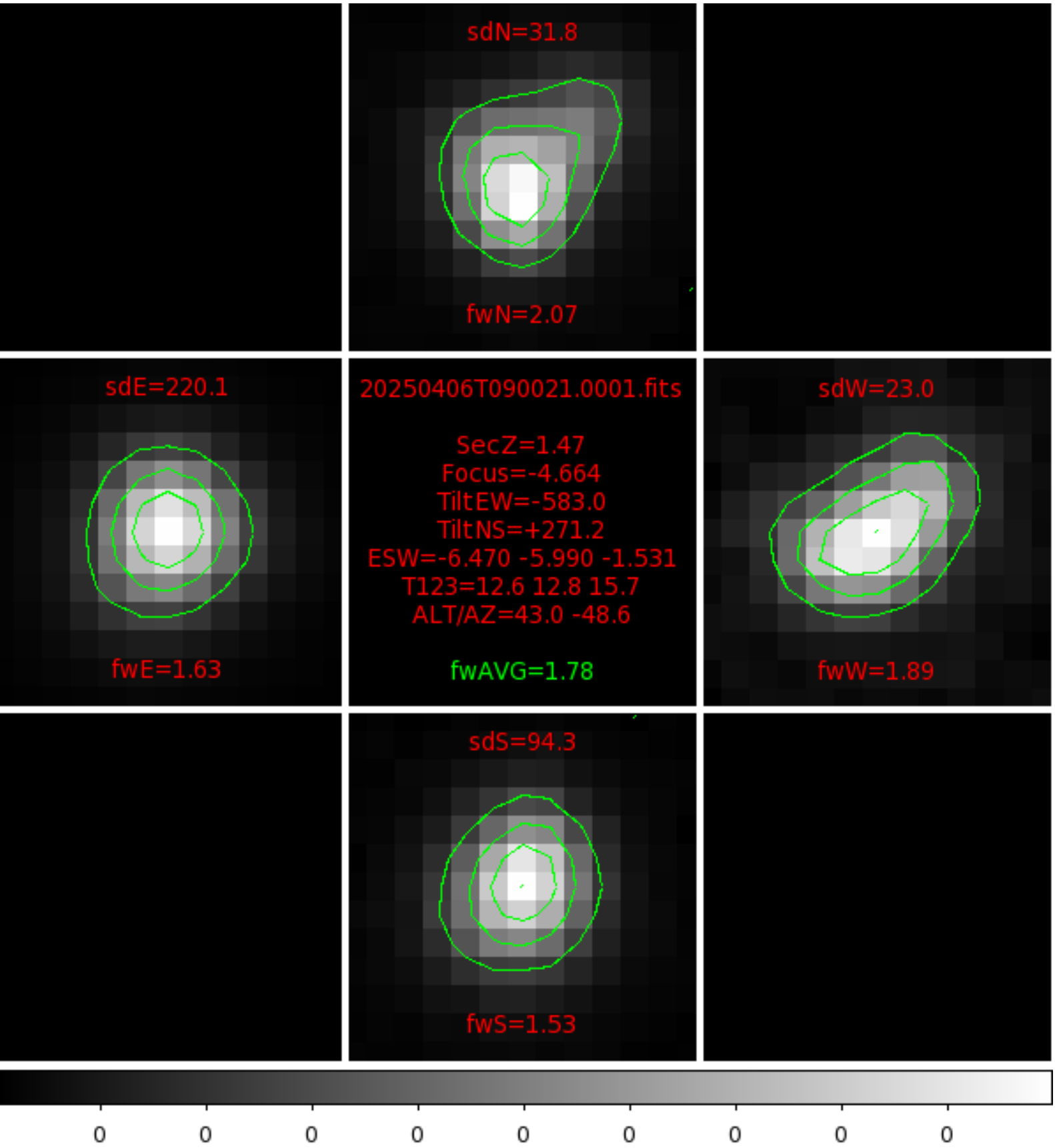
sdN=31.8
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sdE=220.1
fwE=1.63
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SecZ=1.47
Focus=-4.664
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.470 -5.990 -1.531
T123=12.6 12.8 15.7
ALT/AZ=43.0 -48.6
fwAVG=1.78
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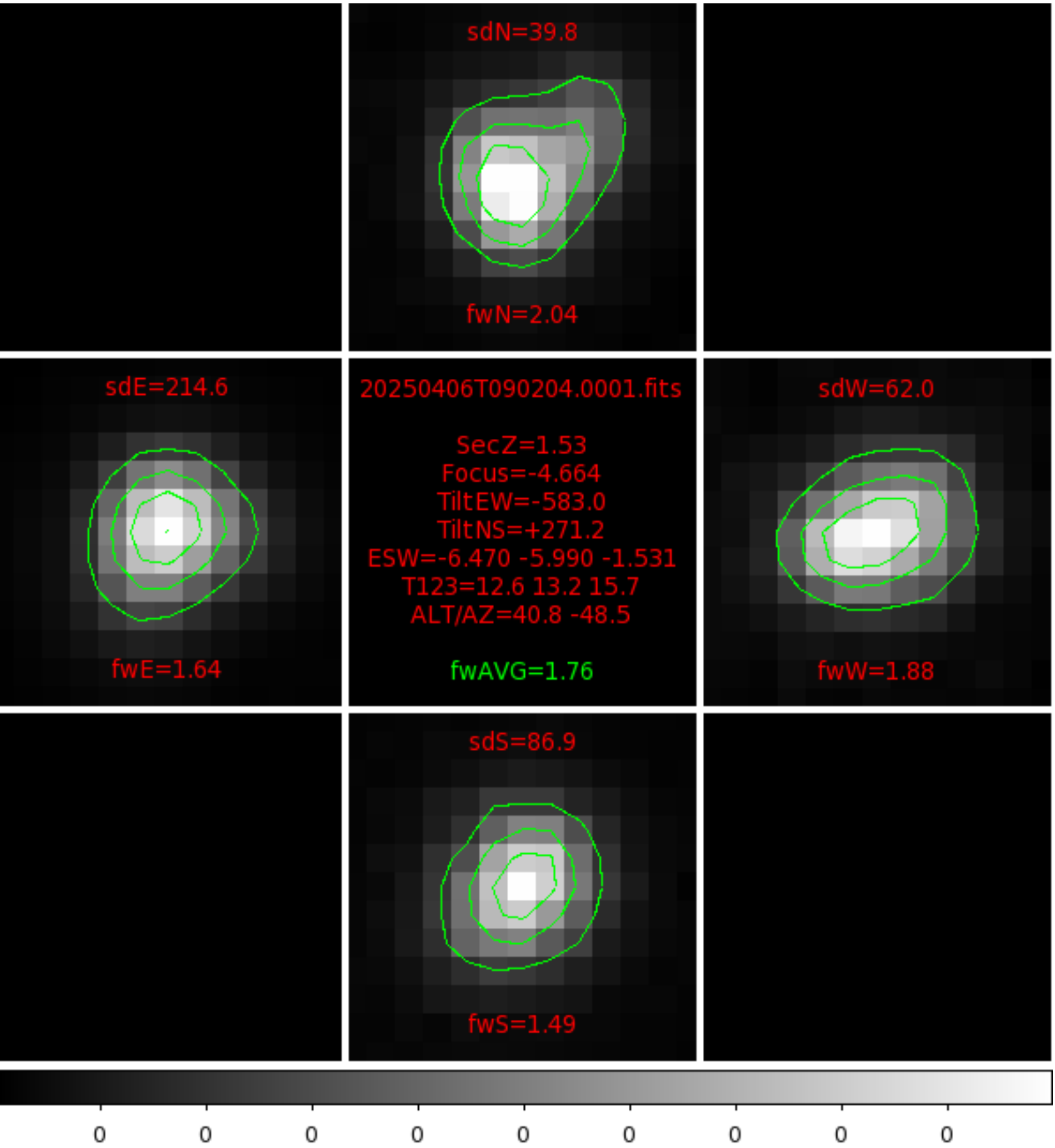
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sdE=214.6
fwE=1.64
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SecZ=1.53
Focus=-4.664
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.470 -5.990 -1.531
T123=12.6 13.2 15.7
ALT/AZ=40.8 -48.5
fwAVG=1.76
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sdS=86.9
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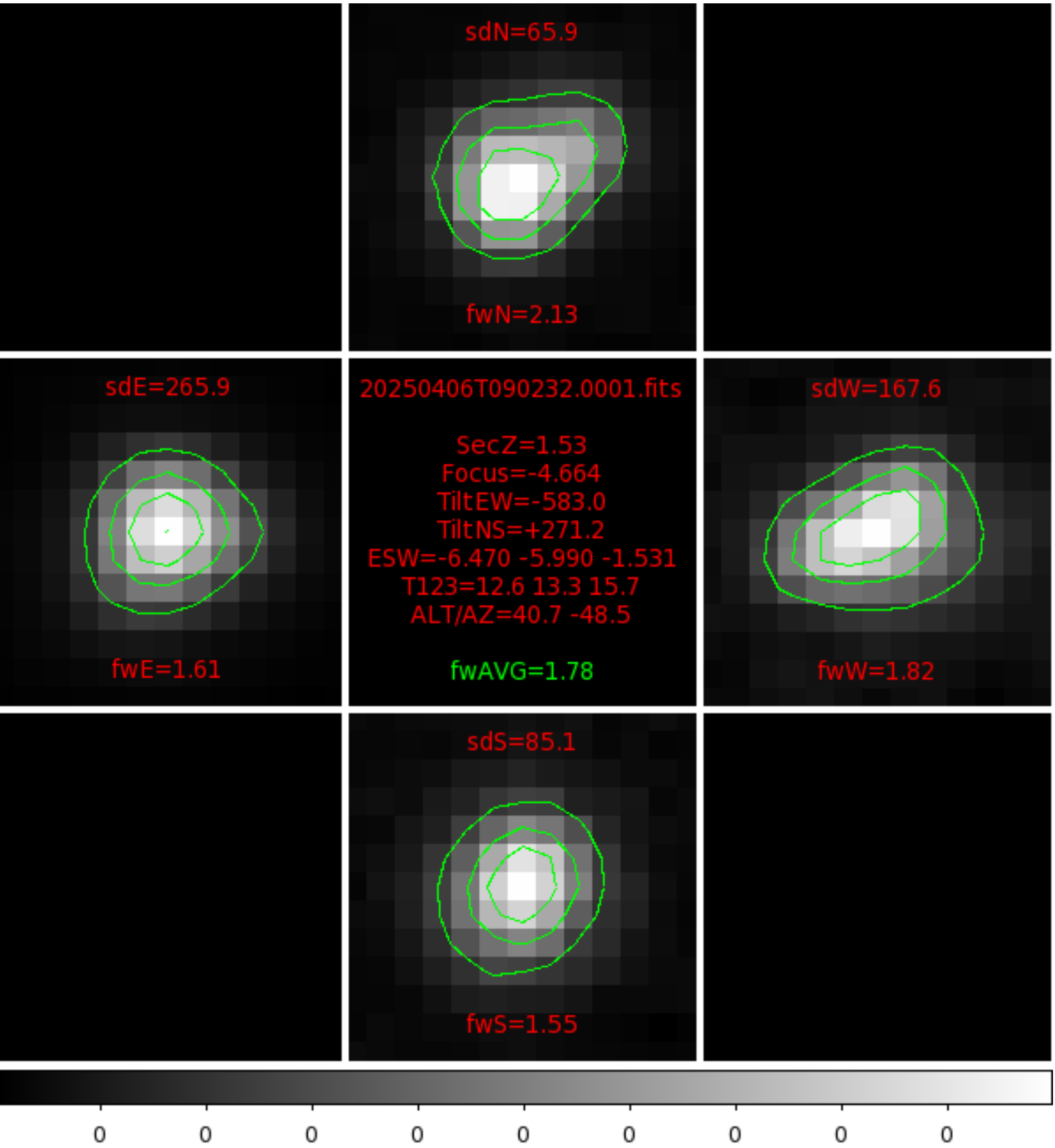
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SecZ=1.53
Focus=-4.664
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.470 -5.990 -1.531
T123=12.6 13.3 15.7
ALT/AZ=40.7 -48.5
fwAVG=1.78
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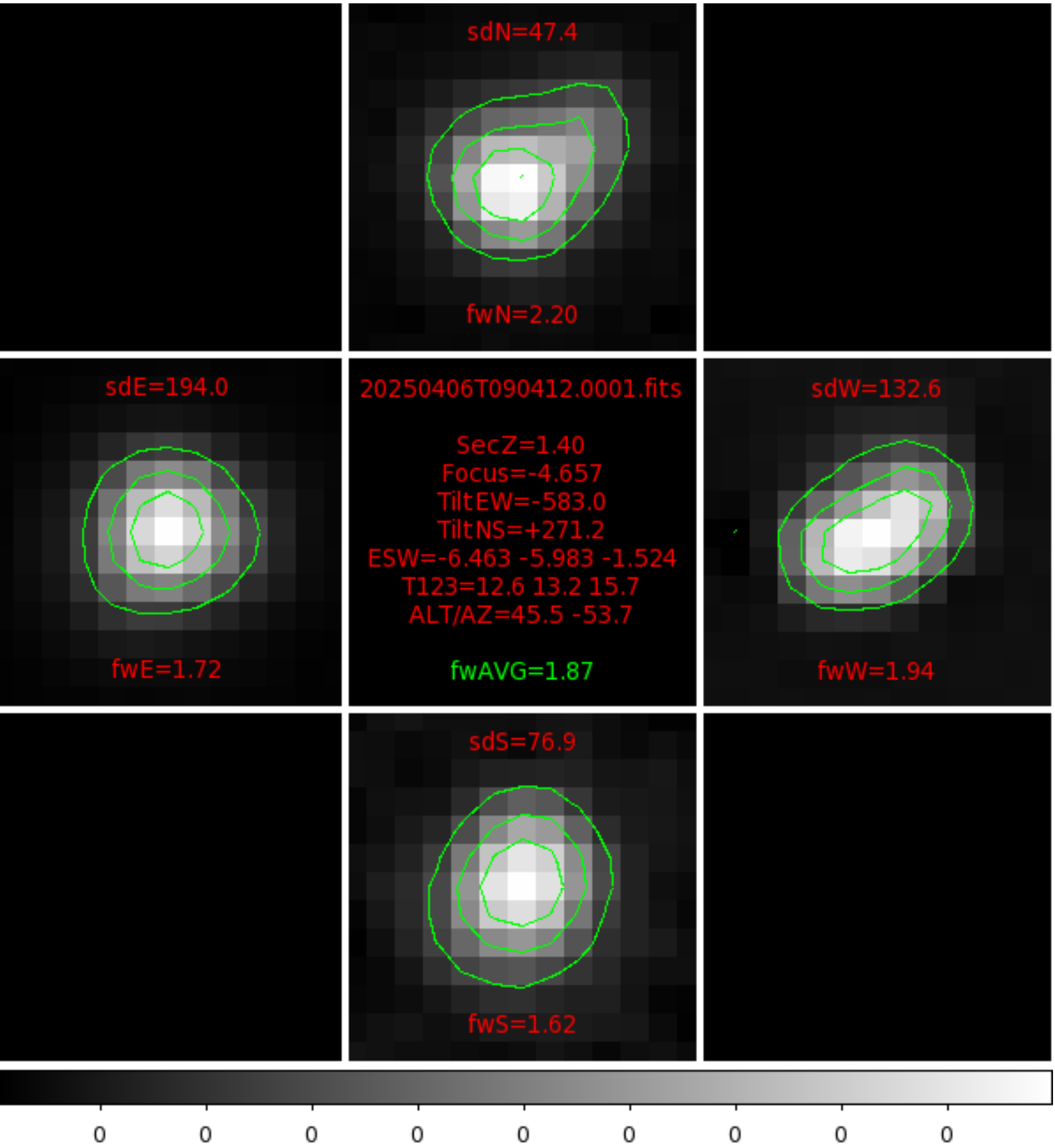
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TiltNS=+271.2
ESW=-6.463 -5.983 -1.524
T123=12.6 13.2 15.7
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fwAVG=1.87
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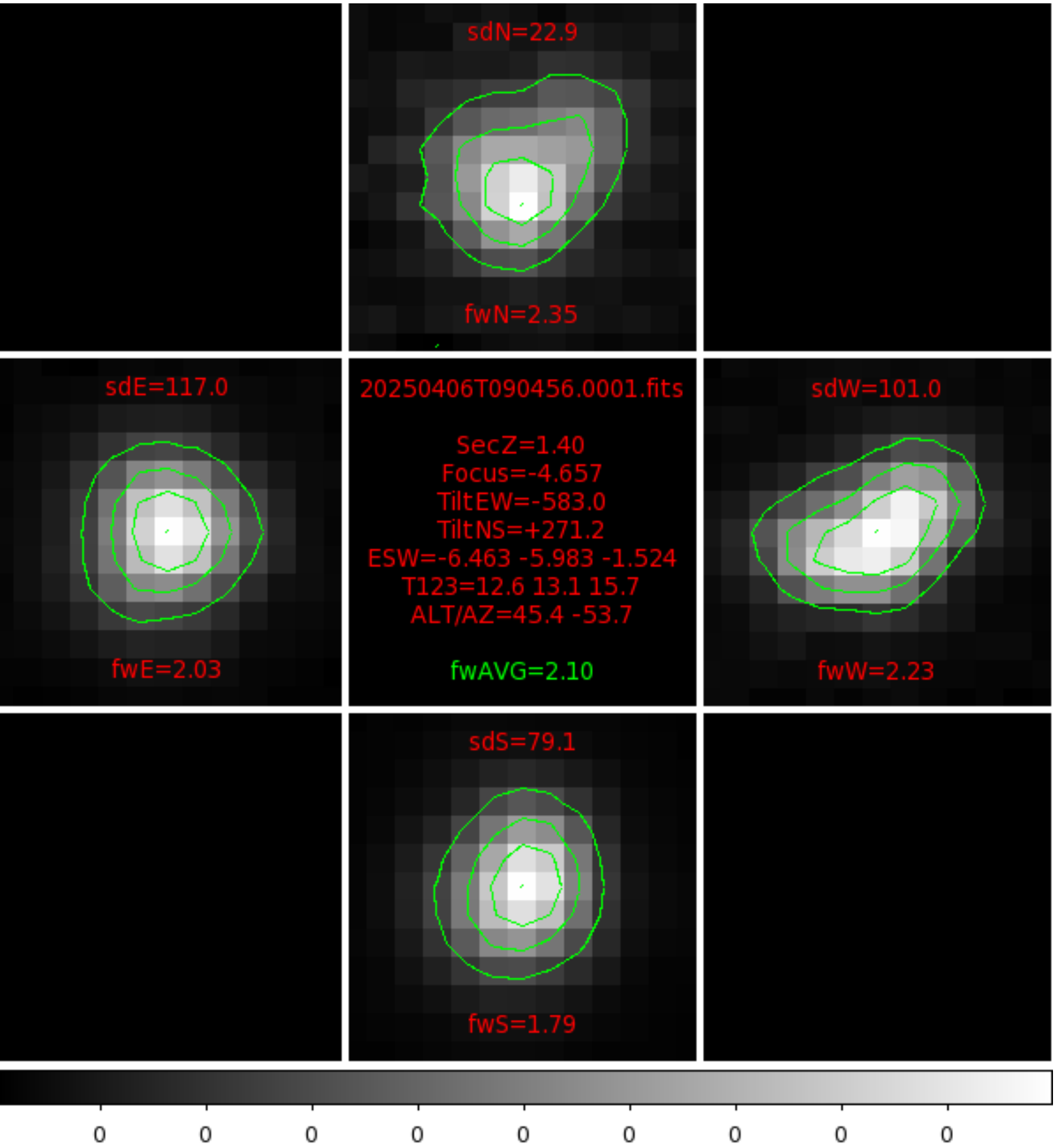
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SecZ=1.40
Focus=-4.657
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.463 -5.983 -1.524
T123=12.6 13.1 15.7
ALT/AZ=45.4 -53.7
fwAVG=2.10
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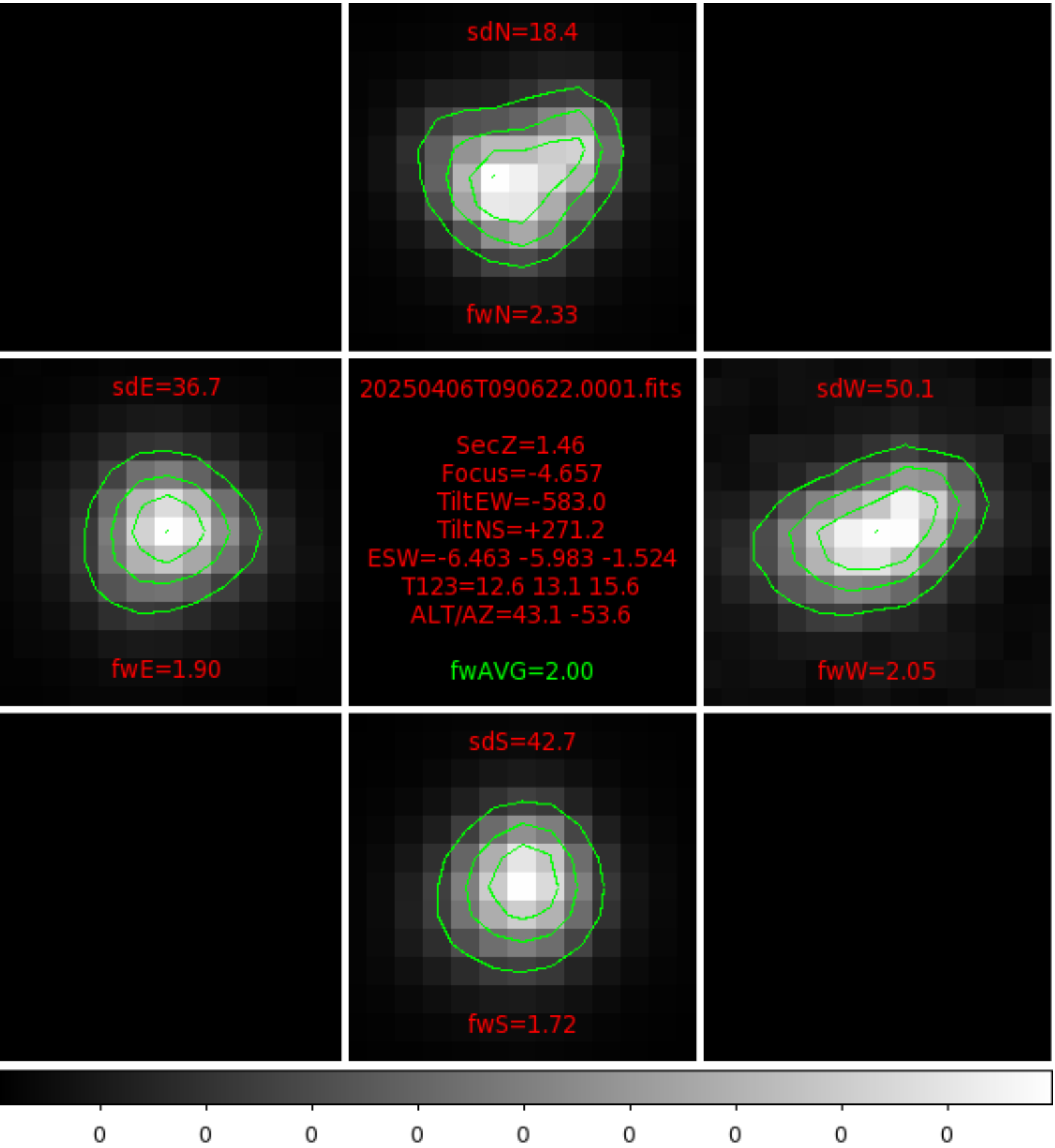
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SecZ=1.46
Focus=-4.657
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.463 -5.983 -1.524
T123=12.6 13.1 15.6
ALT/AZ=43.1 -53.6
fwAVG=2.00
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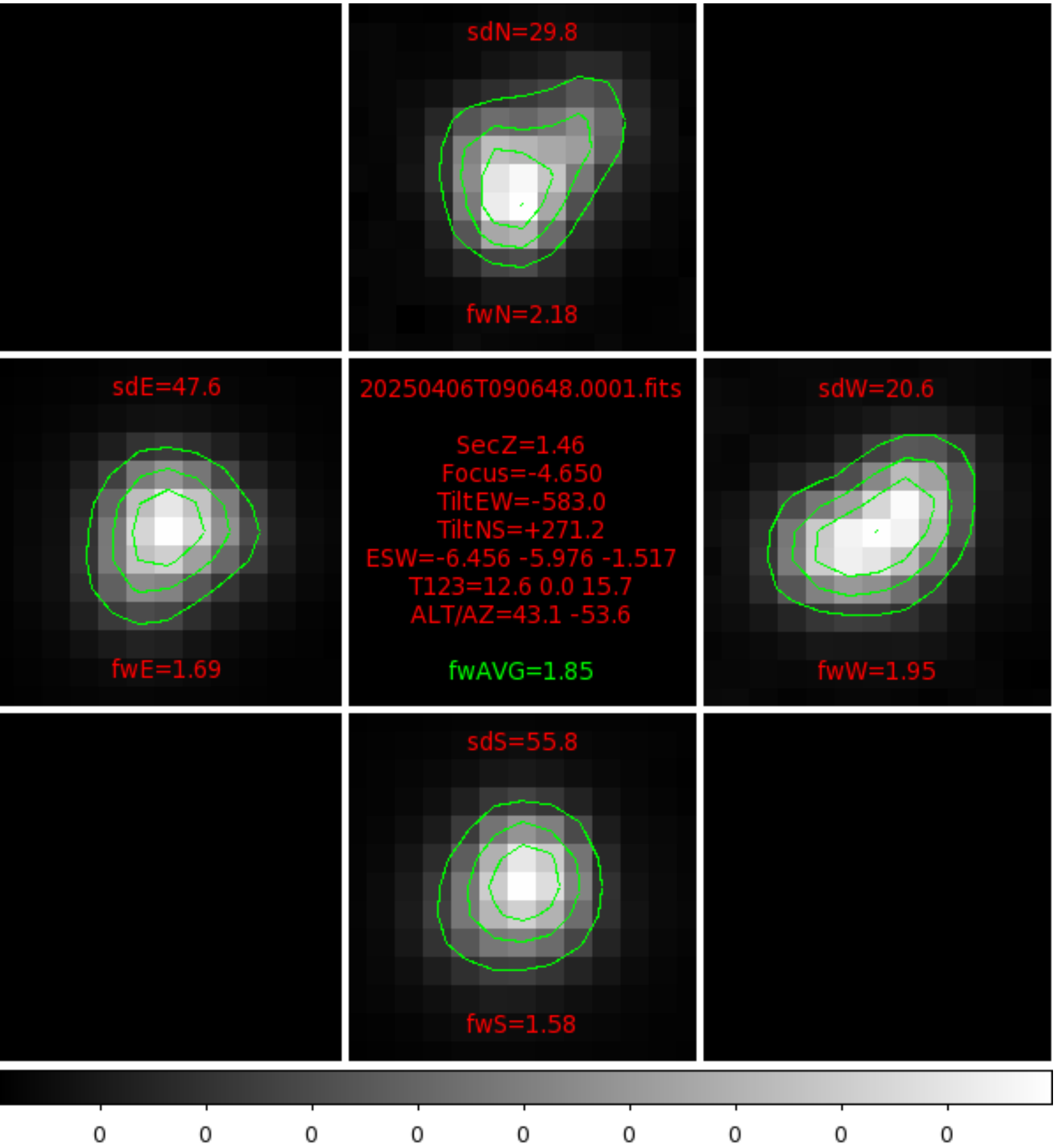
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fwE=1.69
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Focus=-4.650
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.456 -5.976 -1.517
T123=12.6 0.0 15.7
ALT/AZ=43.1 -53.6
fwAVG=1.85
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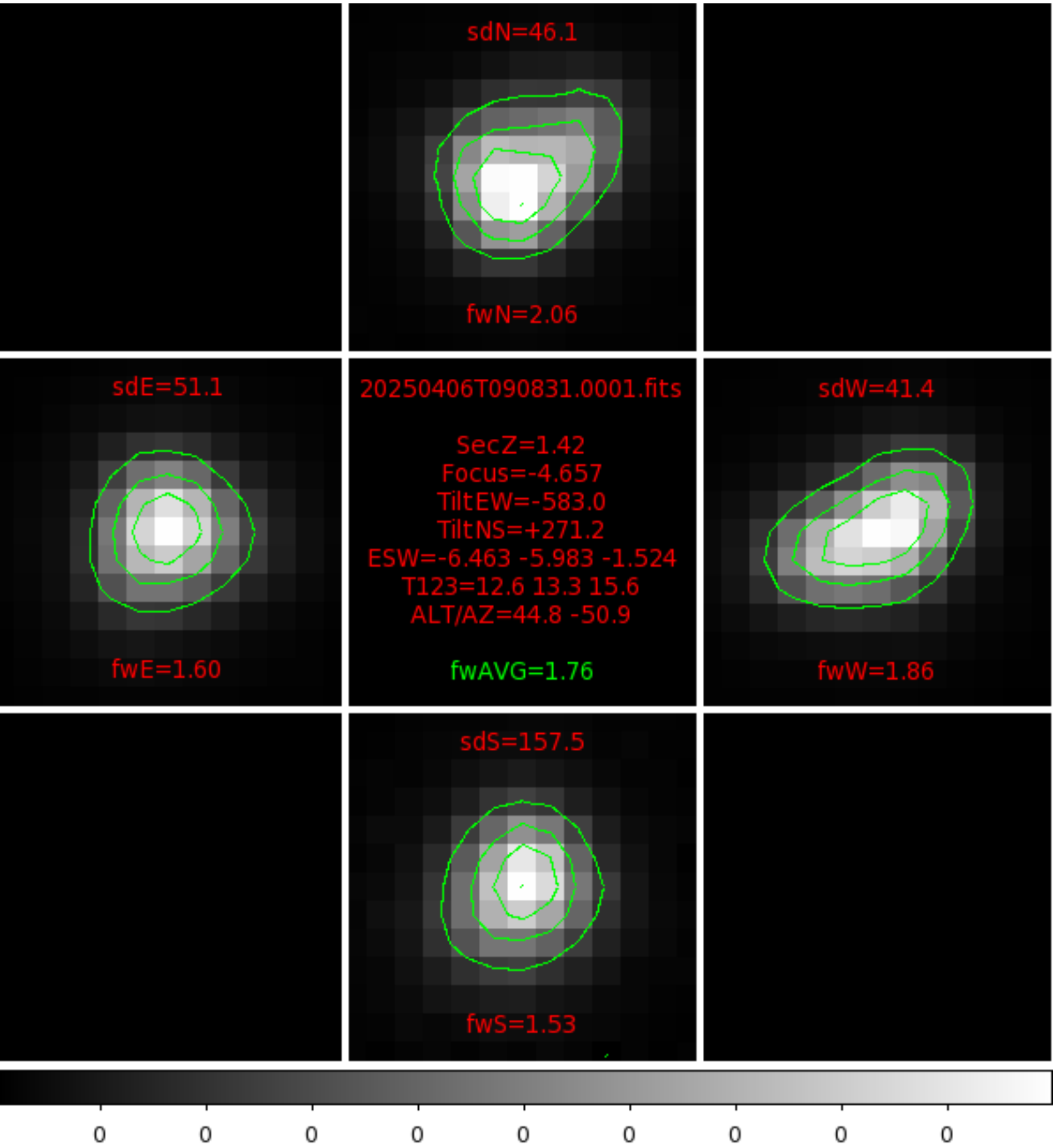
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sdE=51.1
fwE=1.60
20250406T090831.0001.fits
SecZ=1.42
Focus=-4.657
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.463 -5.983 -1.524
T123=12.6 13.3 15.6
ALT/AZ=44.8 -50.9
fwAVG=1.76
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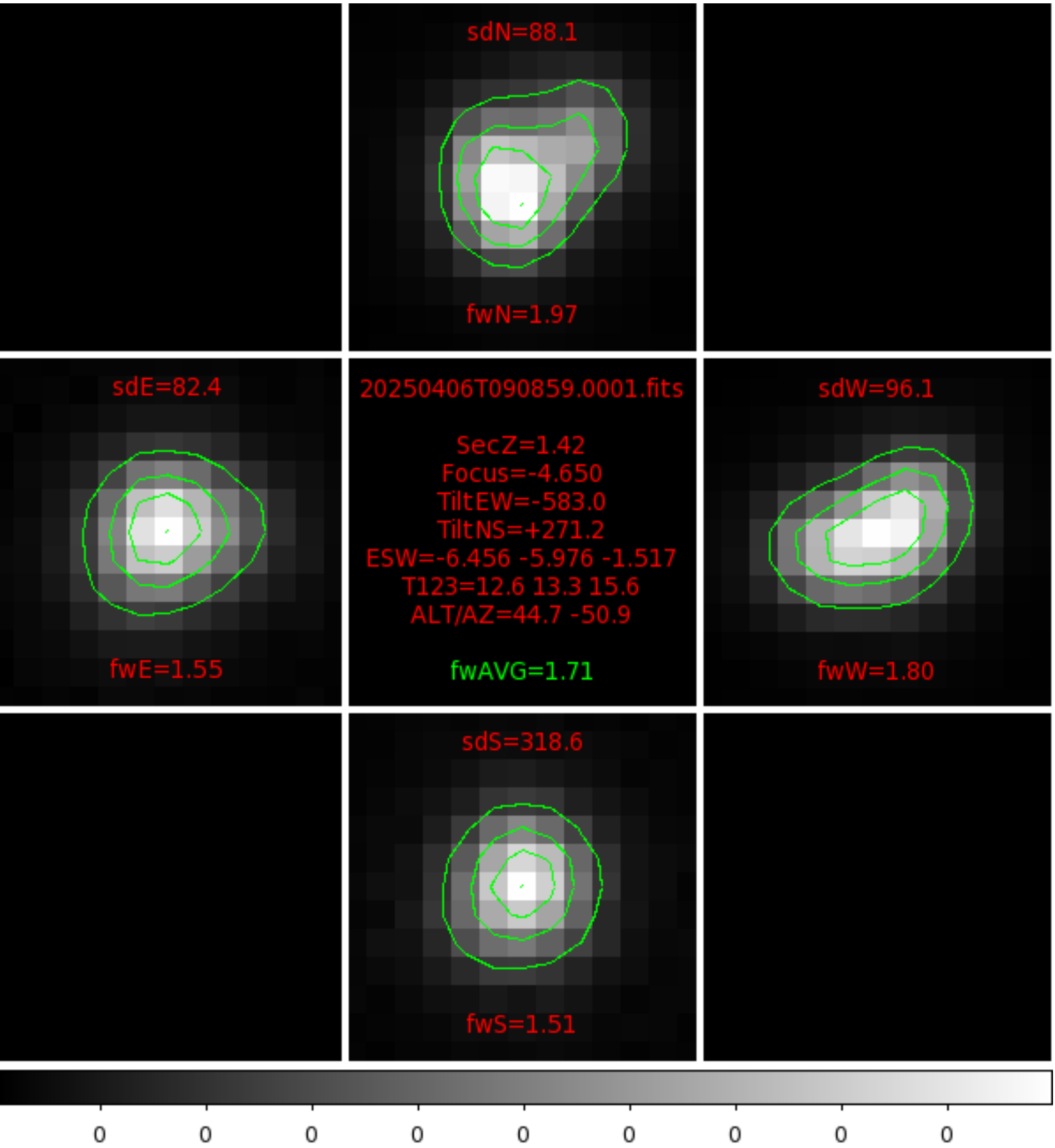
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sdE=82.4
fwE=1.55
20250406T090859.0001.fits
SecZ=1.42
Focus=-4.650
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.456 -5.976 -1.517
T123=12.6 13.3 15.6
ALT/AZ=44.7 -50.9
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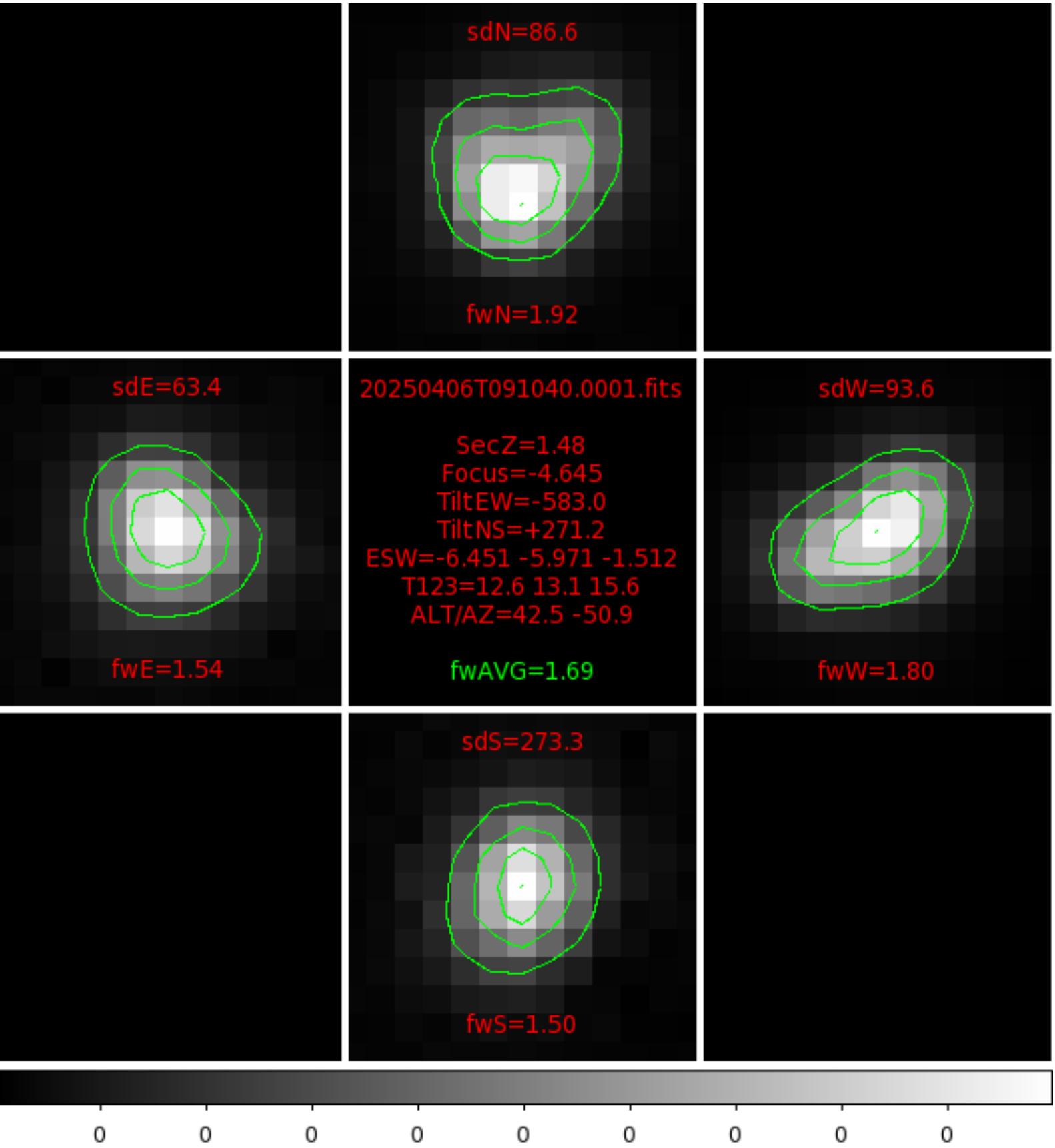
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sdE=63.4
fwE=1.54
20250406T091040.0001.fits
SecZ=1.48
Focus=-4.645
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.451 -5.971 -1.512
T123=12.6 13.1 15.6
ALT/AZ=42.5 -50.9
fwAVG=1.69
sdW=93.6
fwW=1.80
sdS=273.3
fwS=1.50
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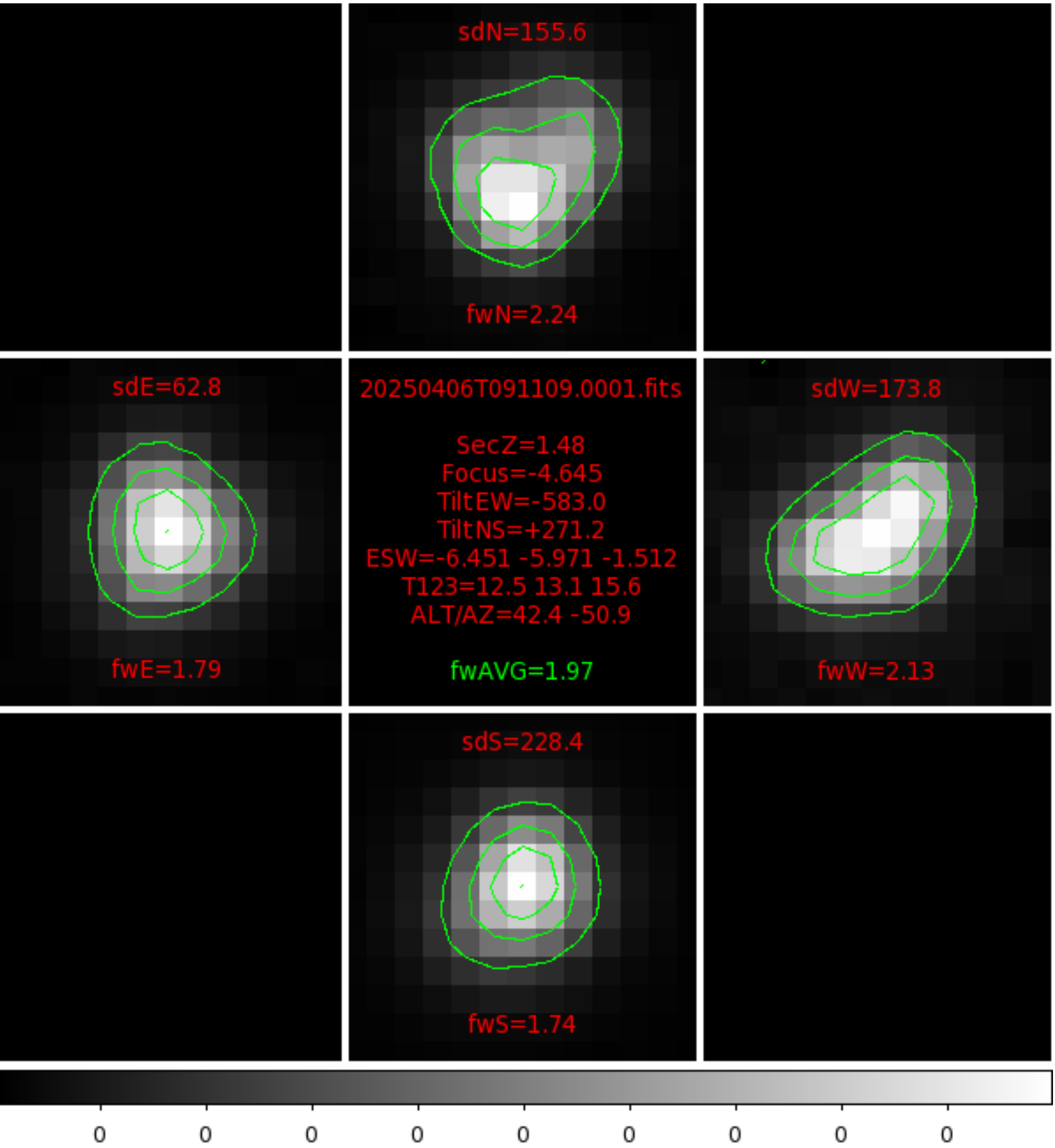
sdN=155.6
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sdE=62.8
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20250406T091109.0001.fits
SecZ=1.48
Focus=-4.645
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.451 -5.971 -1.512
T123=12.5 13.1 15.6
ALT/AZ=42.4 -50.9
fwAVG=1.97
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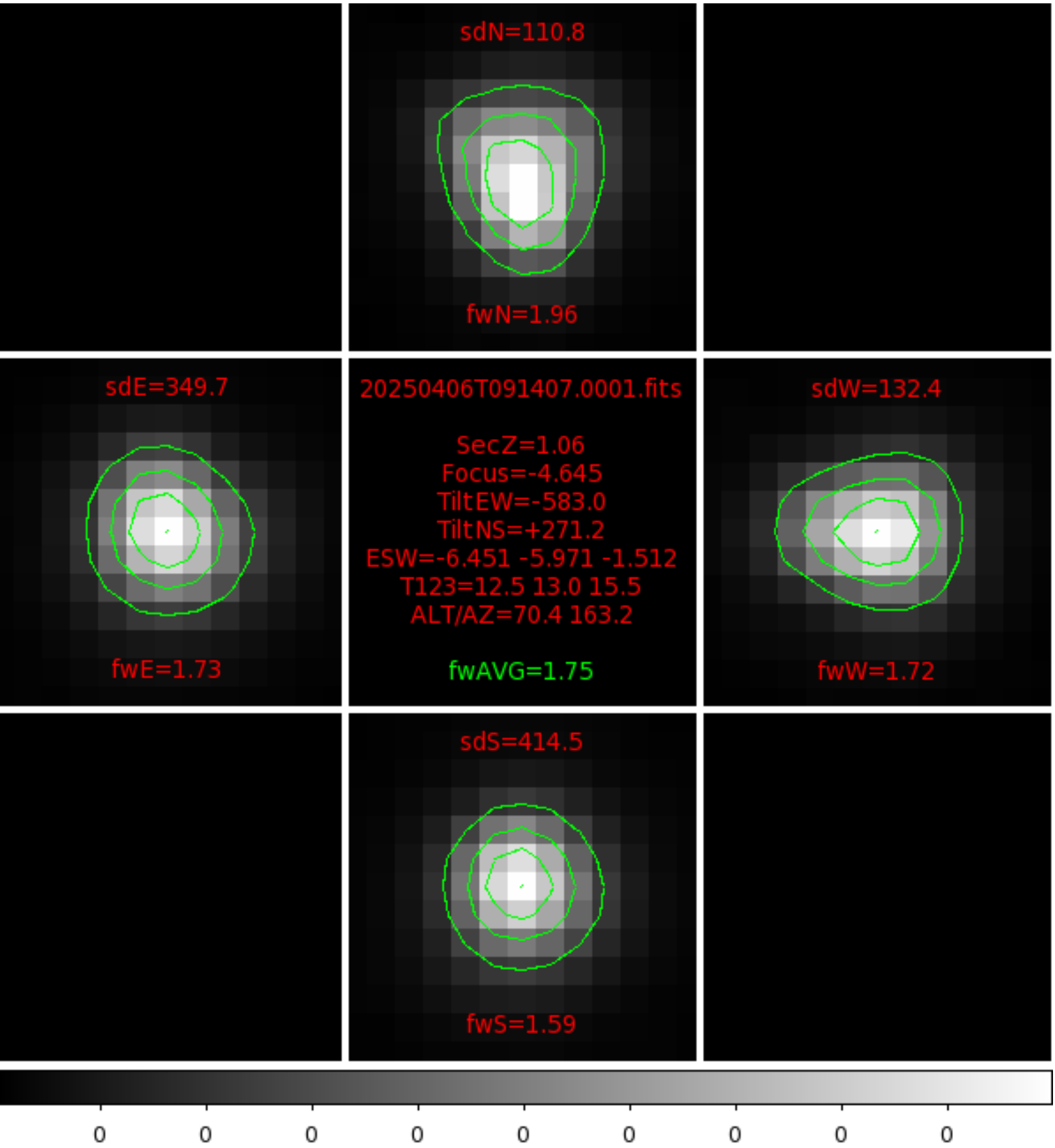
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fwE=1.73
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SecZ=1.06
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.451 -5.971 -1.512
T123=12.5 13.0 15.5
ALT/AZ=70.4 163.2
fwAVG=1.75
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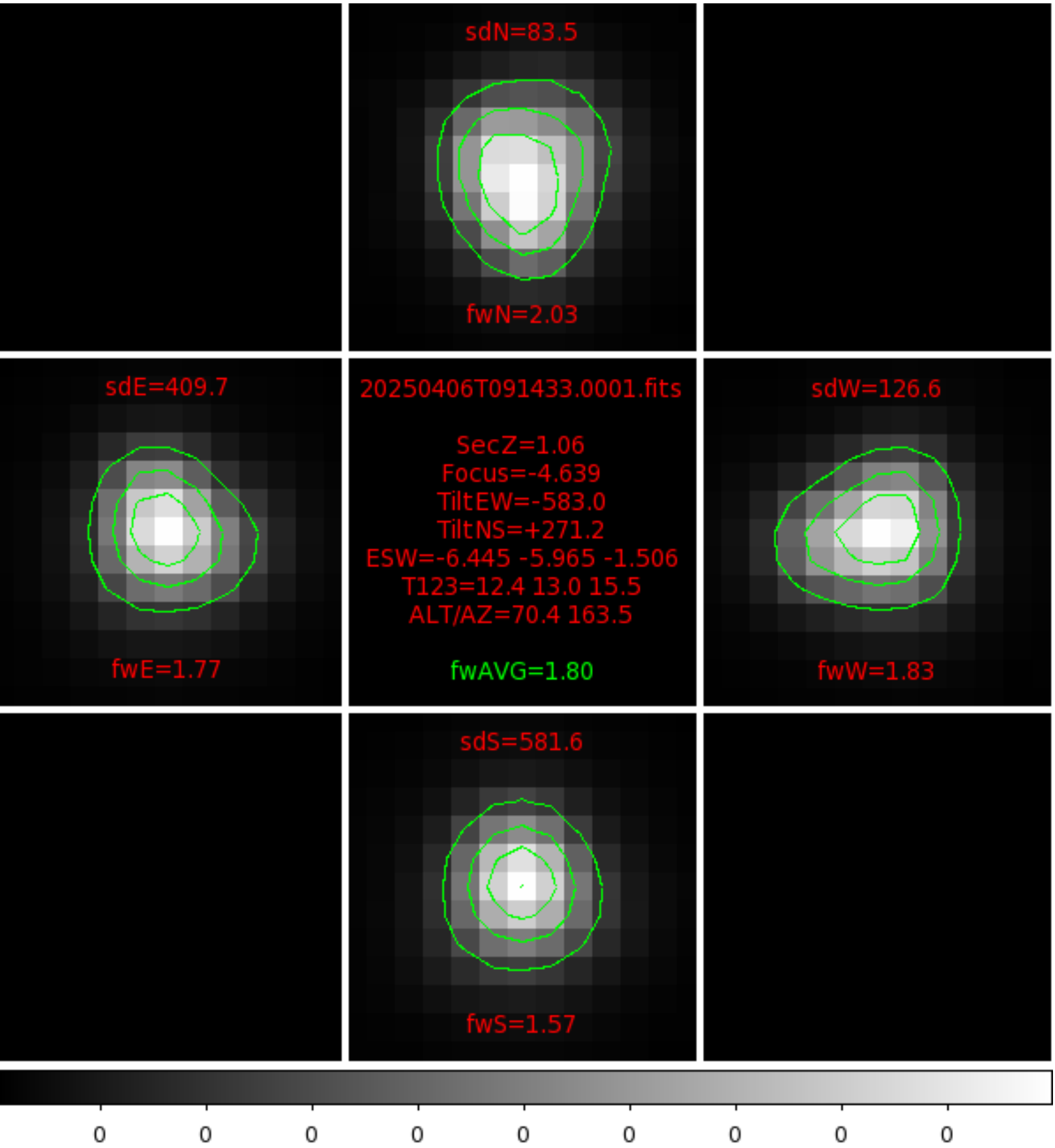
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SecZ=1.06
Focus=-4.639
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.445 -5.965 -1.506
T123=12.4 13.0 15.5
ALT/AZ=70.4 163.5
fwAVG=1.80
sdW=126.6
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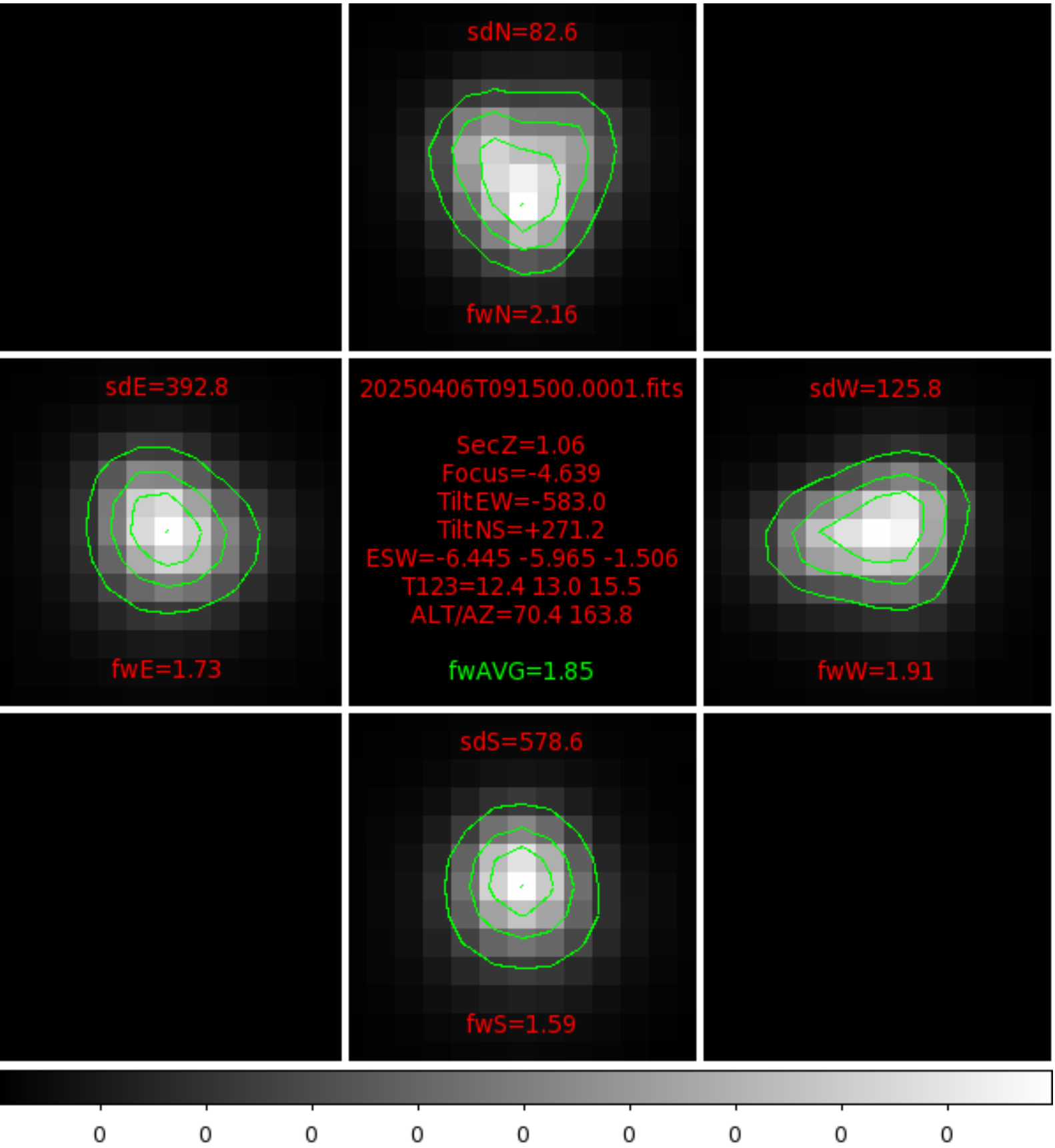
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SecZ=1.06
Focus=-4.639
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.445 -5.965 -1.506
T123=12.4 13.0 15.5
ALT/AZ=70.4 163.8
fwAVG=1.85
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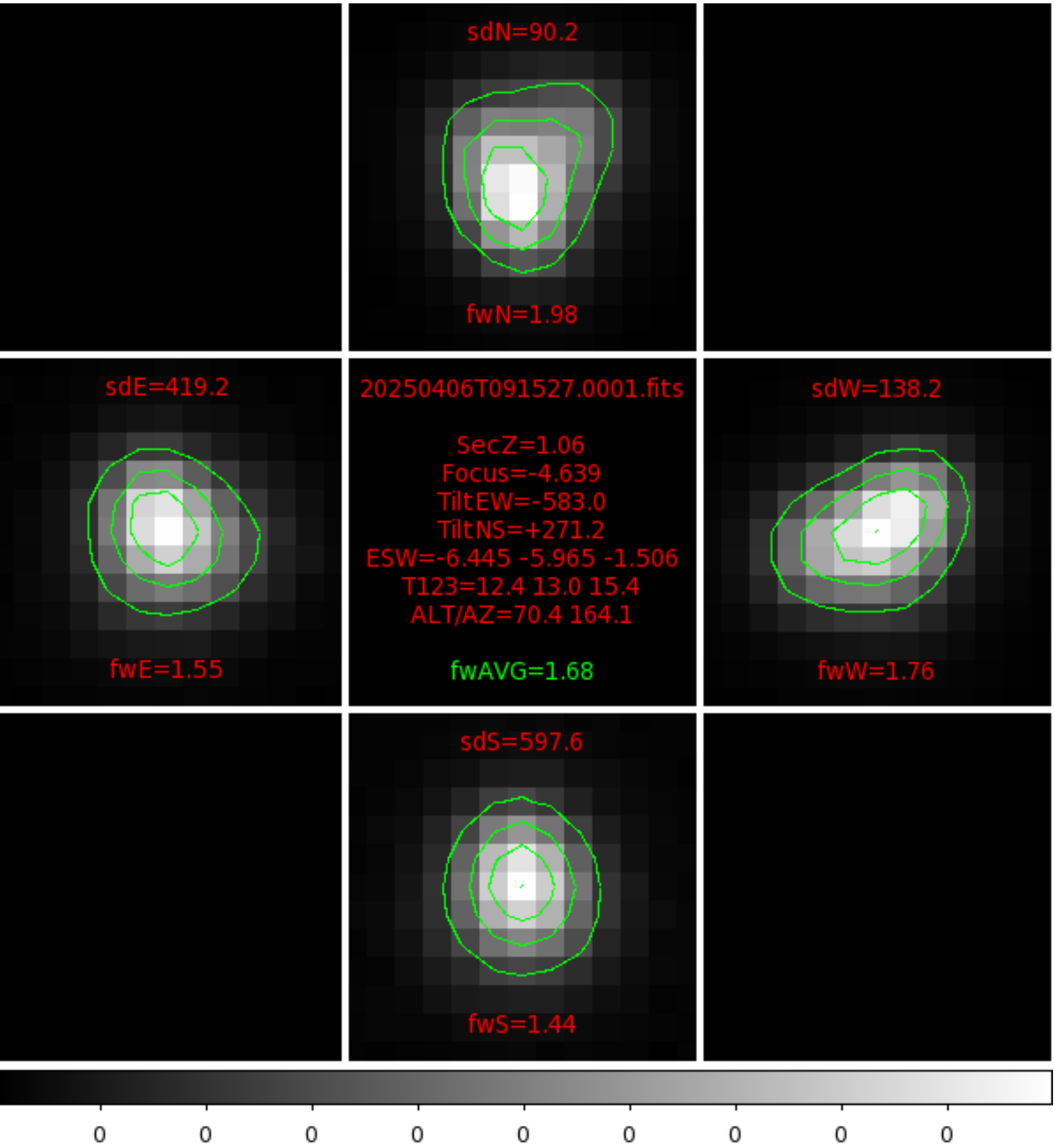
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SecZ=1.06
Focus=-4.639
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.445 -5.965 -1.506
T123=12.4 13.0 15.4
ALT/AZ=70.4 164.1
fwAVG=1.68
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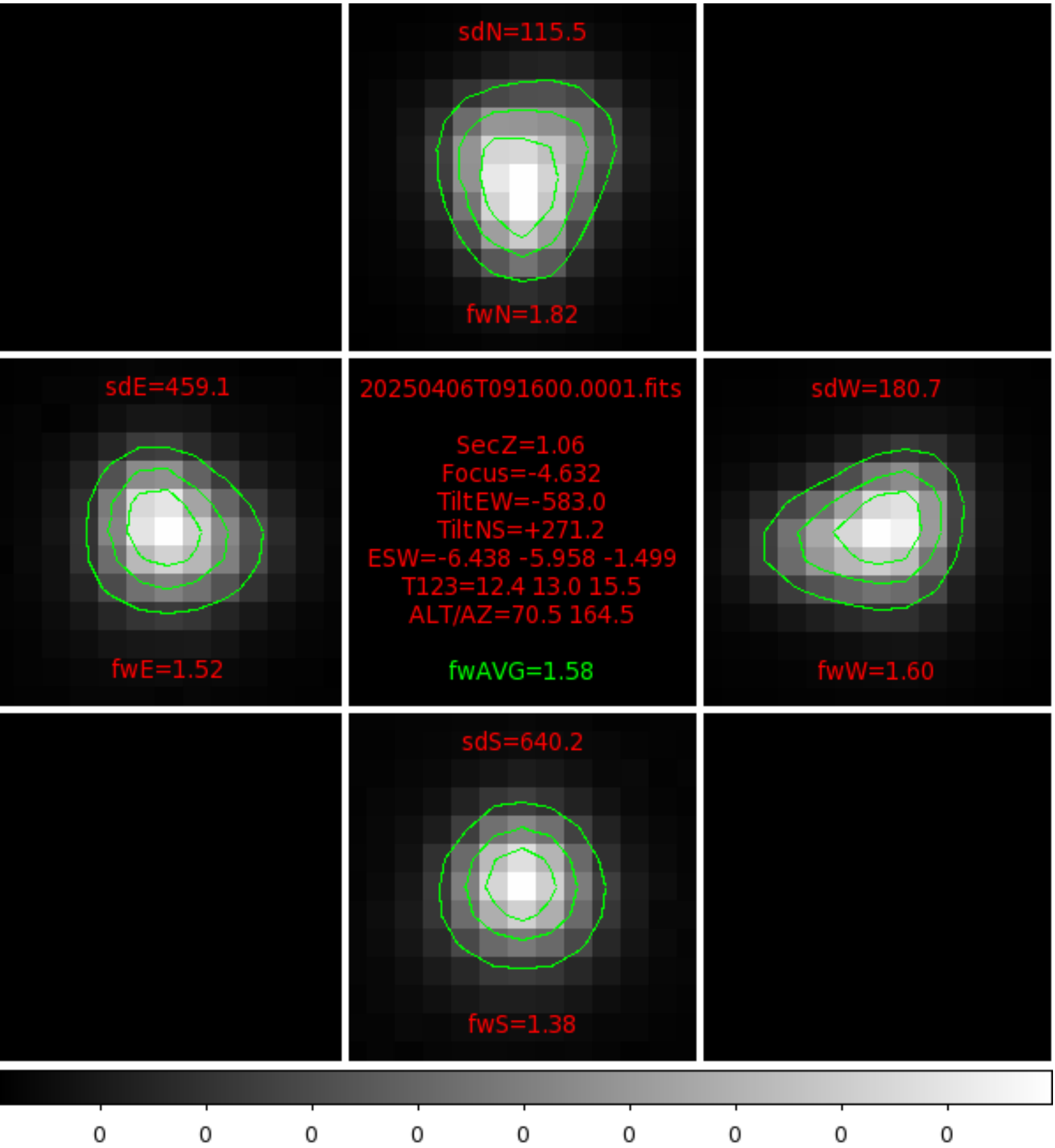
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Focus=-4.632
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.438 -5.958 -1.499
T123=12.4 13.0 15.5
ALT/AZ=70.5 164.5
fwAVG=1.58
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sdS=640.2
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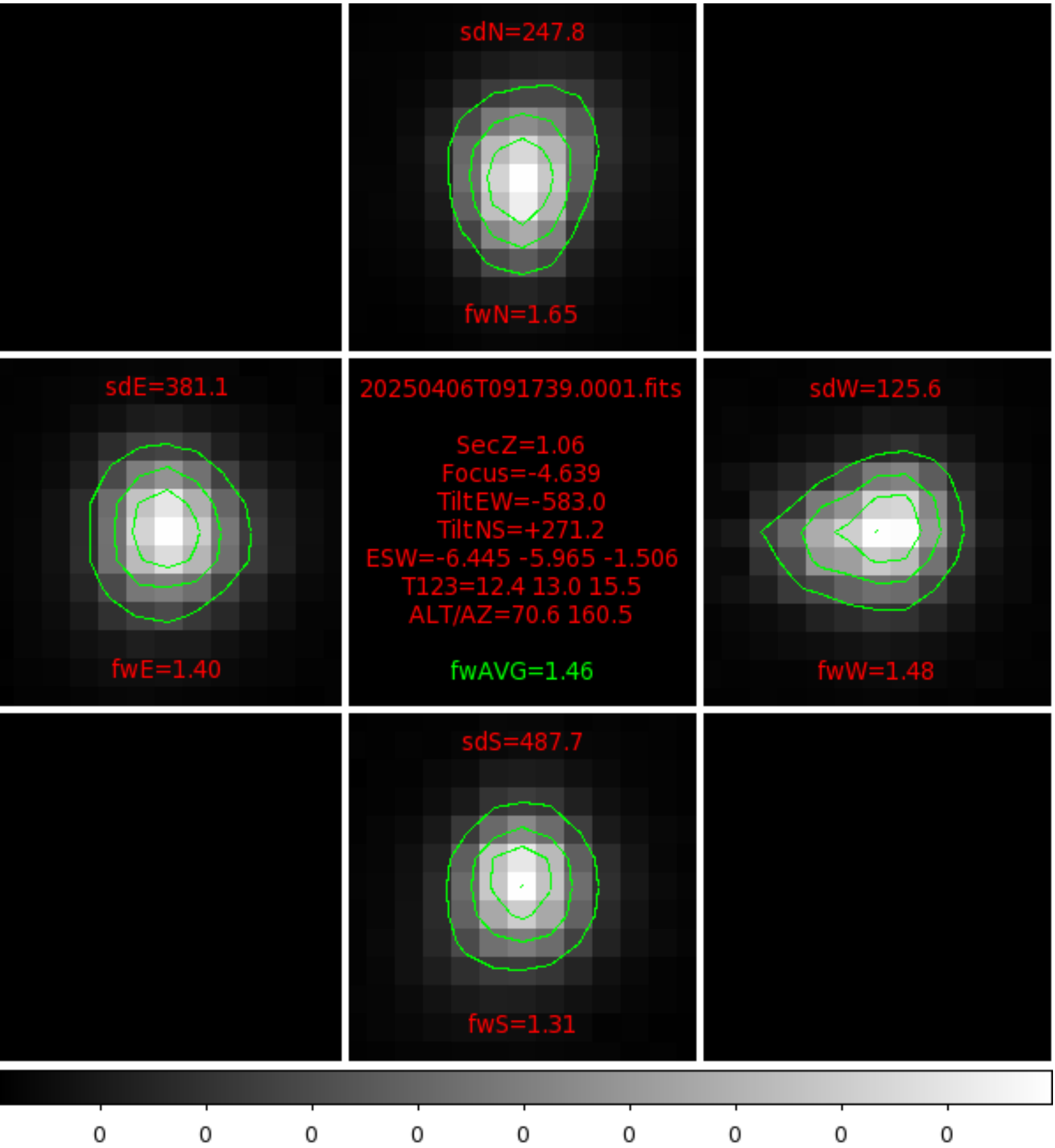
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SecZ=1.06
Focus=-4.639
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.445 -5.965 -1.506
T123=12.4 13.0 15.5
ALT/AZ=70.6 160.5
fwAVG=1.46
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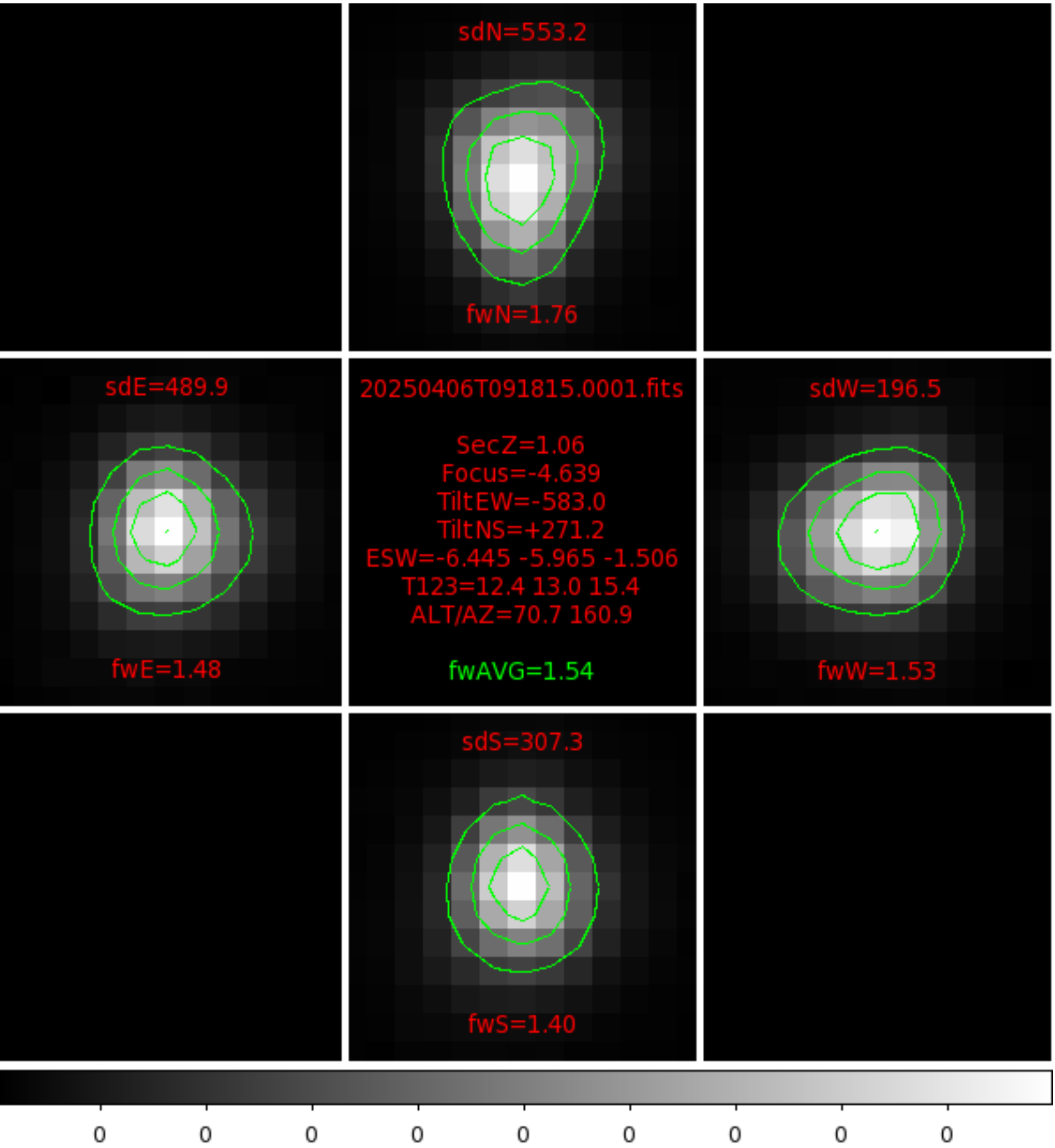
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SecZ=1.06
Focus=-4.639
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.445 -5.965 -1.506
T123=12.4 13.0 15.4
ALT/AZ=70.7 160.9
fwAVG=1.54
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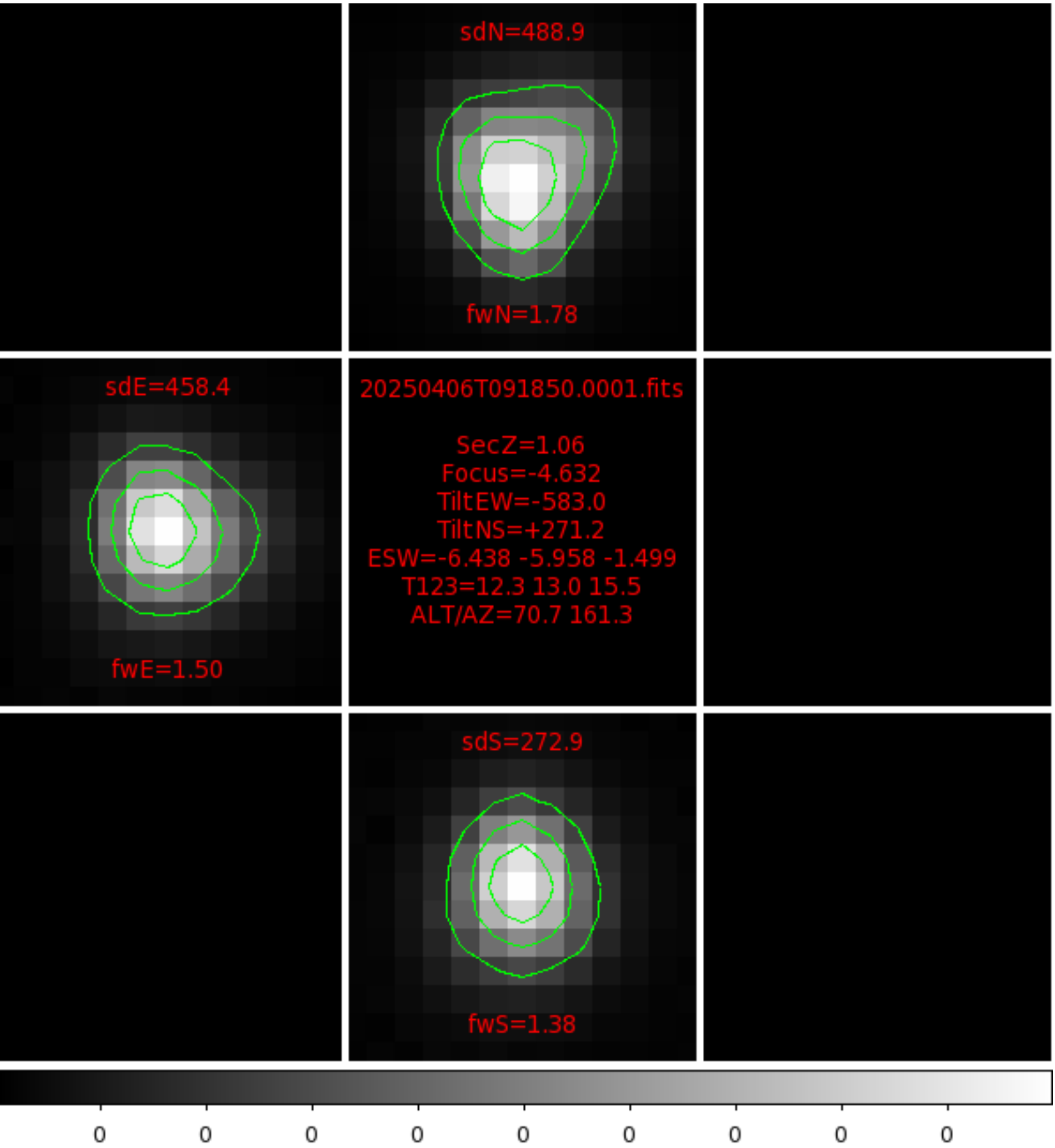
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SecZ=1.06
Focus=-4.632
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.438 -5.958 -1.499
T123=12.3 13.0 15.5
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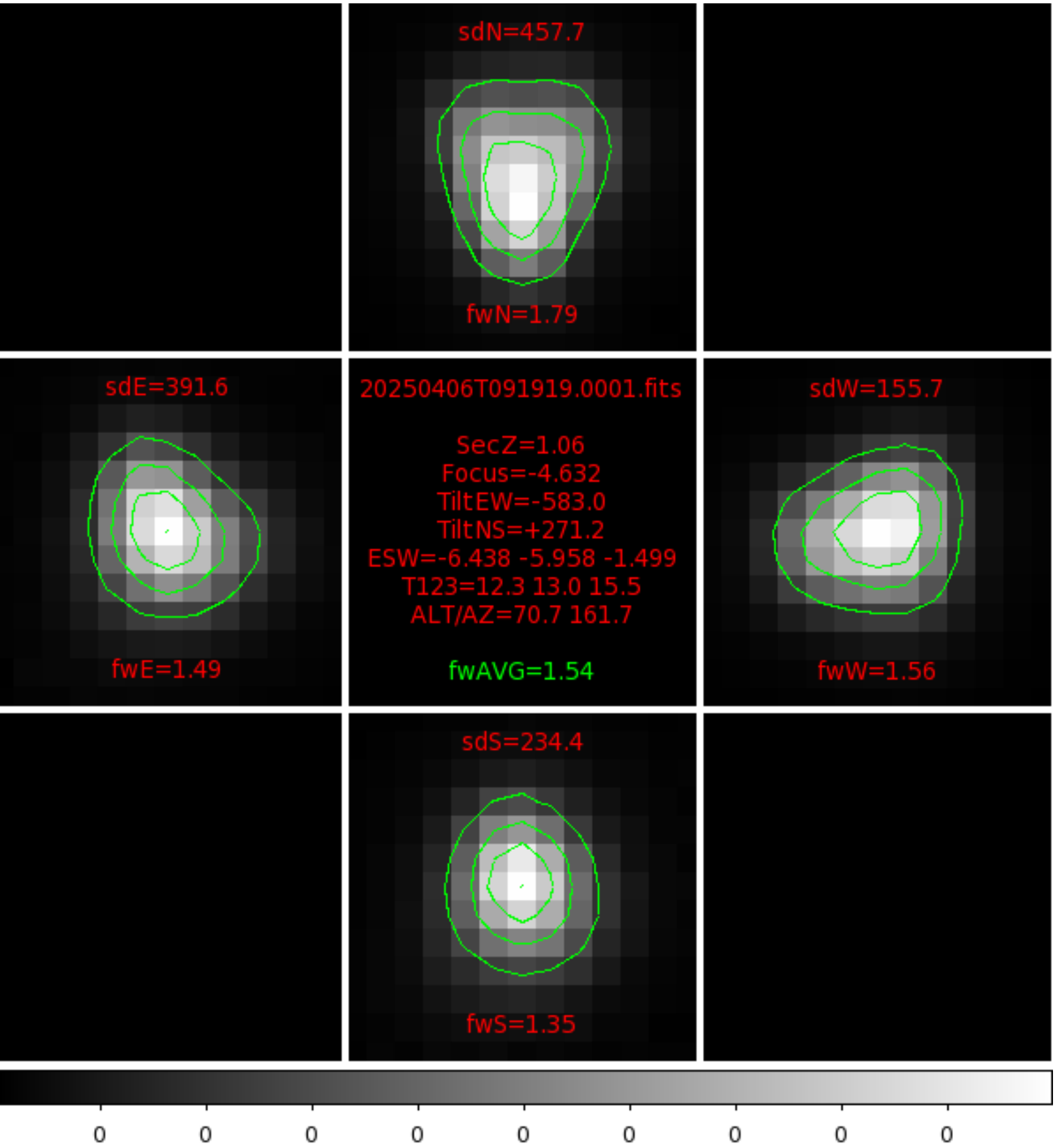
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SecZ=1.06
Focus=-4.632
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.438 -5.958 -1.499
T123=12.3 13.0 15.5
ALT/AZ=70.7 161.7
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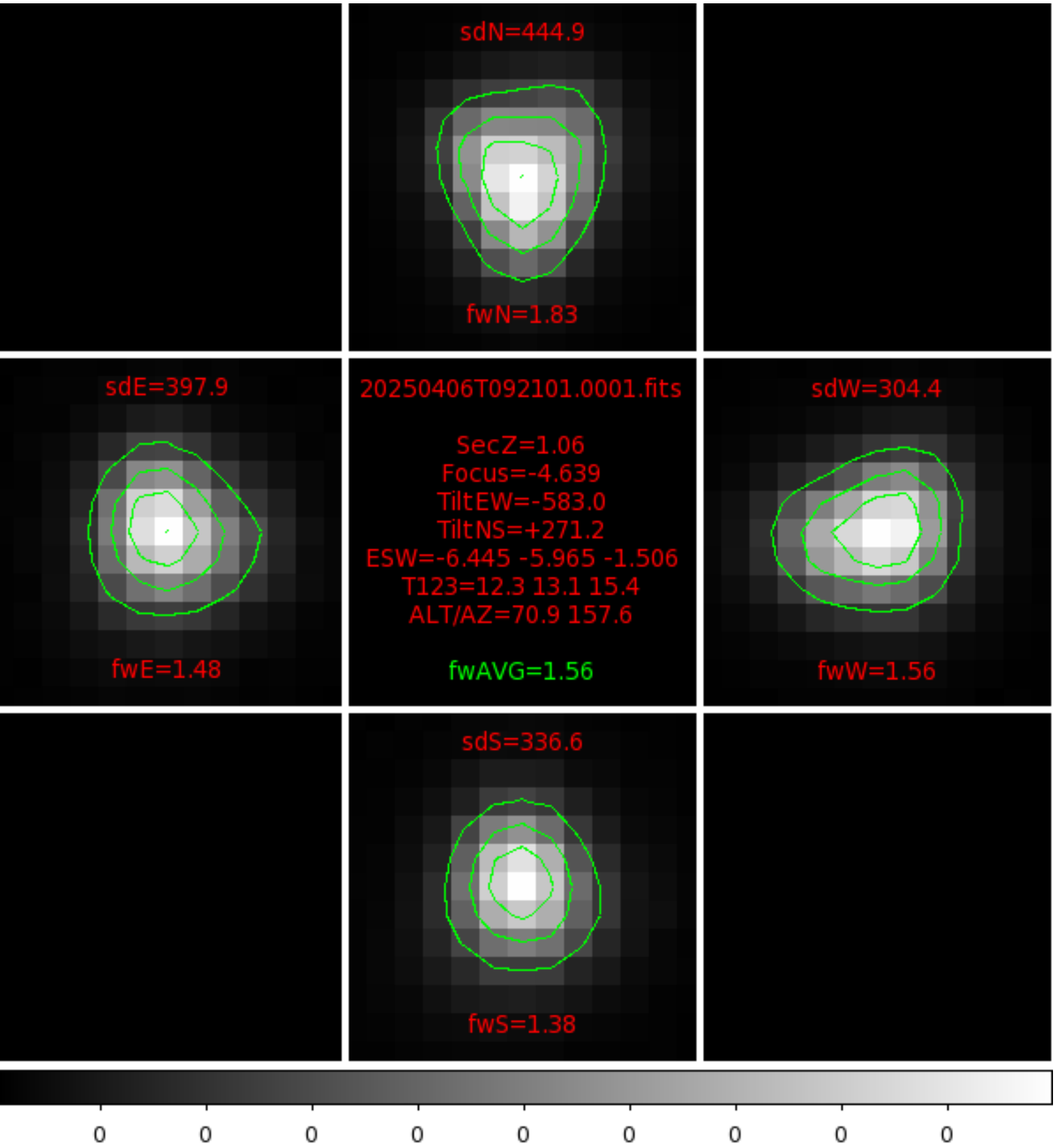
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sdE=397.9
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SecZ=1.06
Focus=-4.639
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.445 -5.965 -1.506
T123=12.3 13.1 15.4
ALT/AZ=70.9 157.6
fwAVG=1.56
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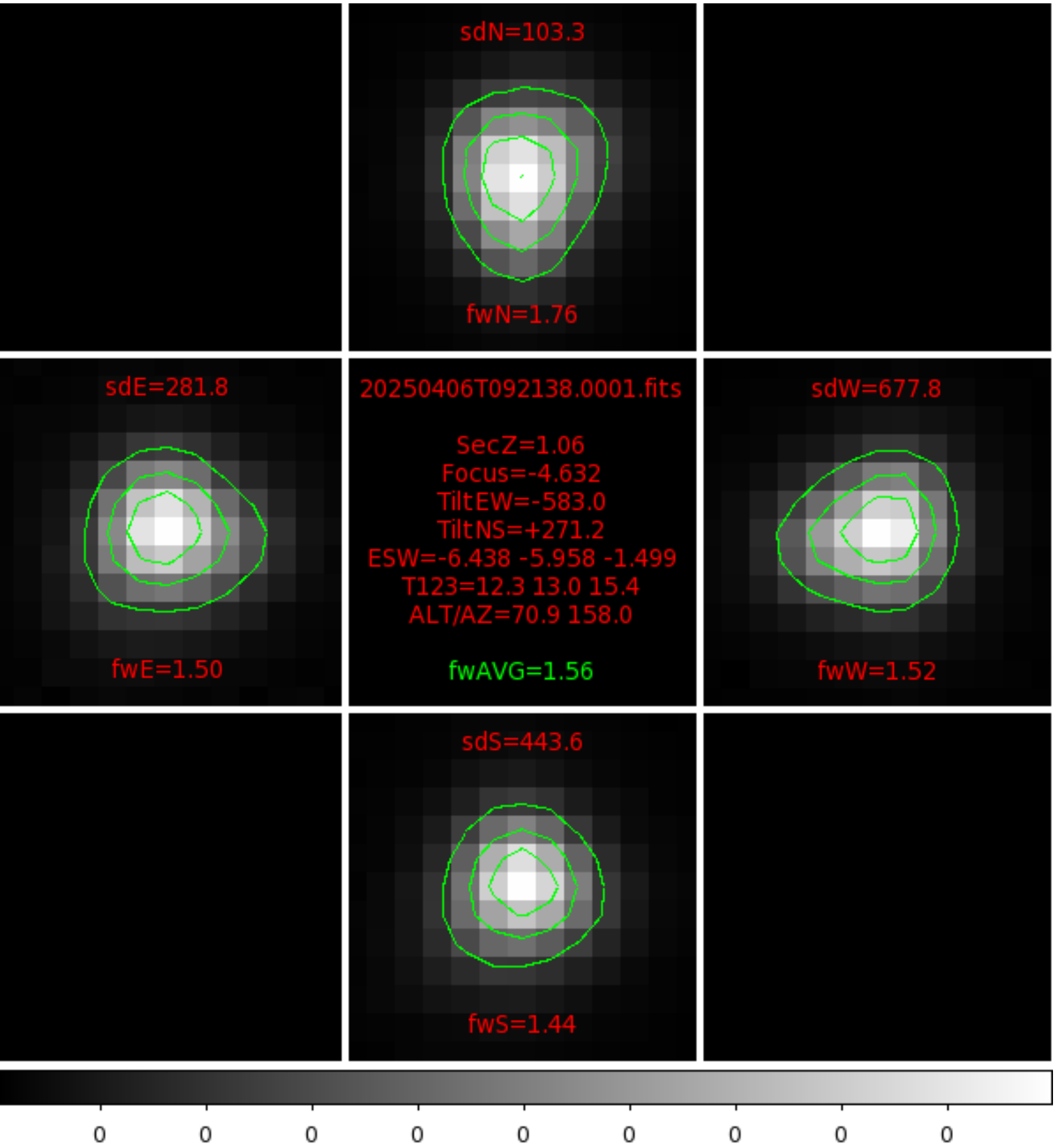
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SecZ=1.06
Focus=-4.632
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.438 -5.958 -1.499
T123=12.3 13.0 15.4
ALT/AZ=70.9 158.0
fwAVG=1.56
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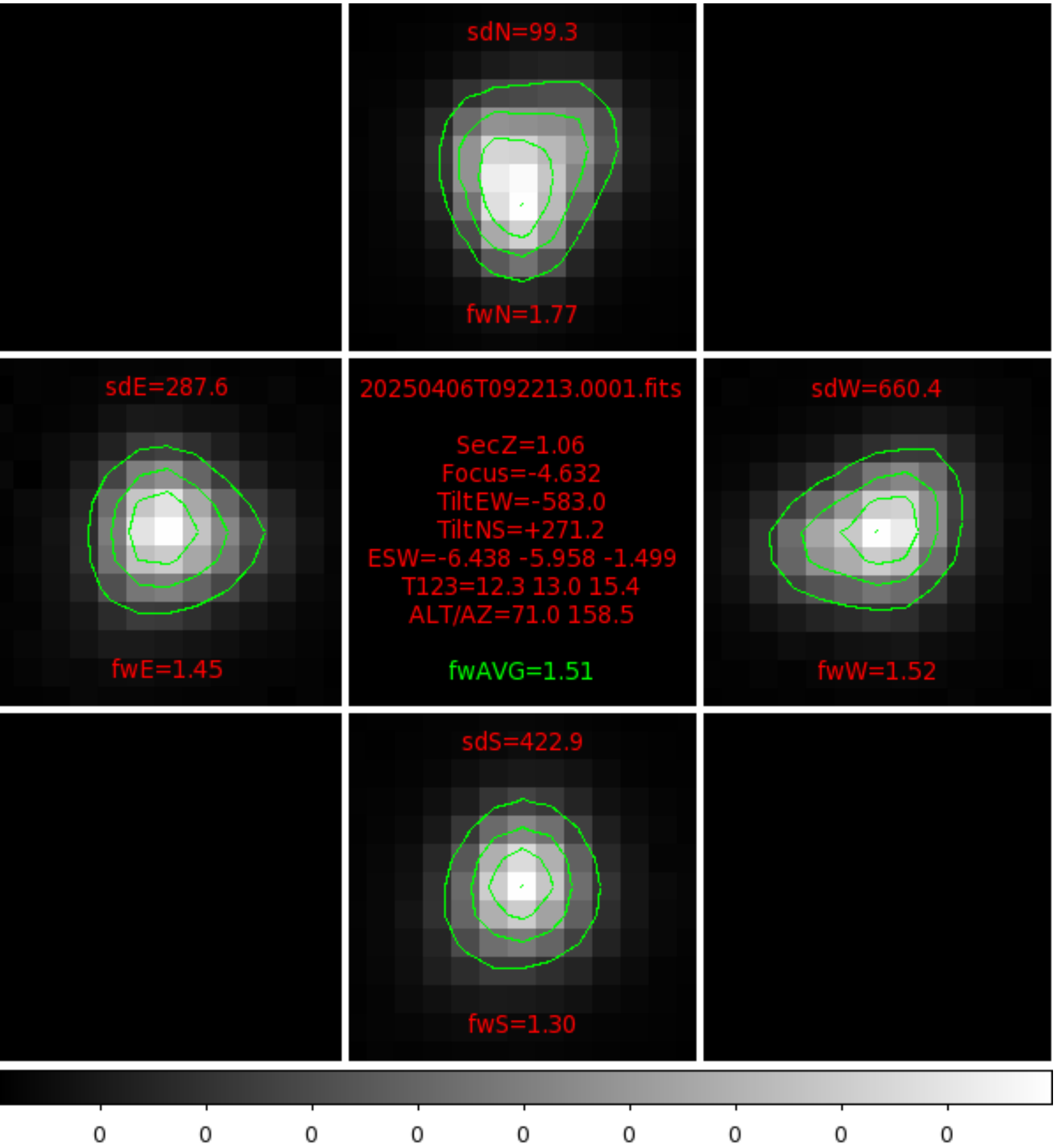
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SecZ=1.06
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.438 -5.958 -1.499
T123=12.3 13.0 15.4
ALT/AZ=71.0 158.5
fwAVG=1.51
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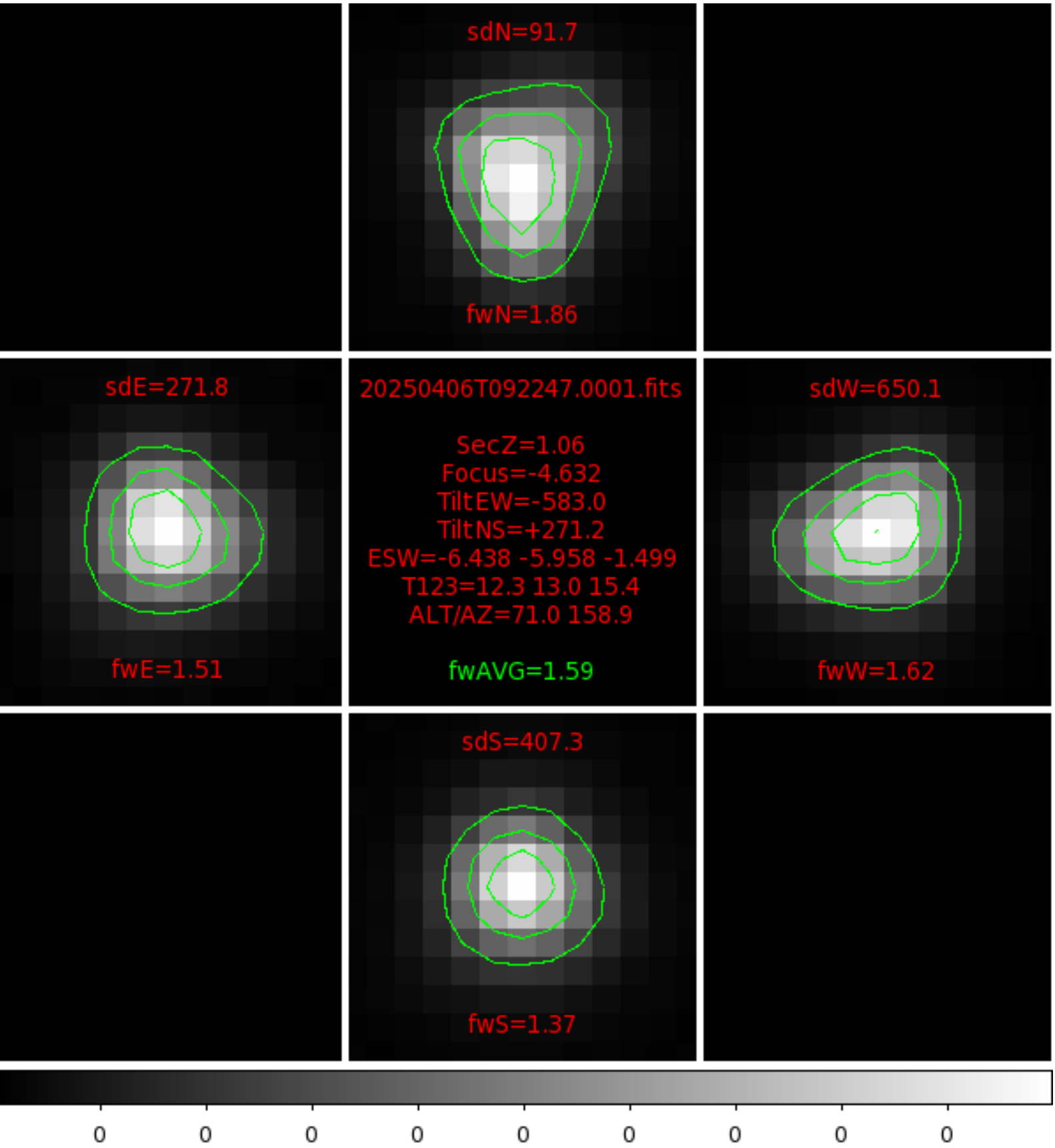
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SecZ=1.06
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.438 -5.958 -1.499
T123=12.3 13.0 15.4
ALT/AZ=71.0 158.9
fwAVG=1.59
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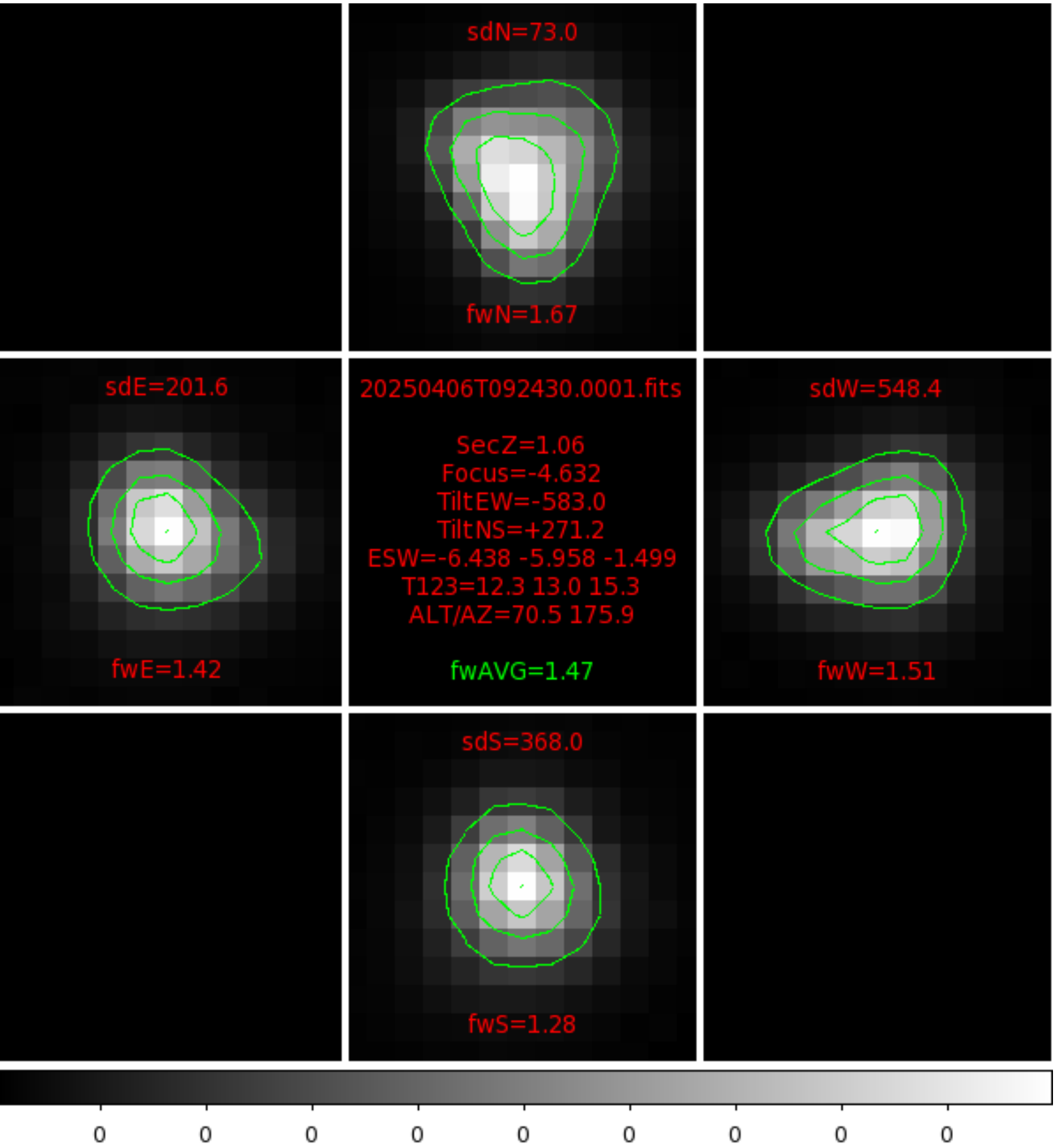
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SecZ=1.06
Focus=-4.632
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.438 -5.958 -1.499
T123=12.3 13.0 15.3
ALT/AZ=70.5 175.9
fwAVG=1.47
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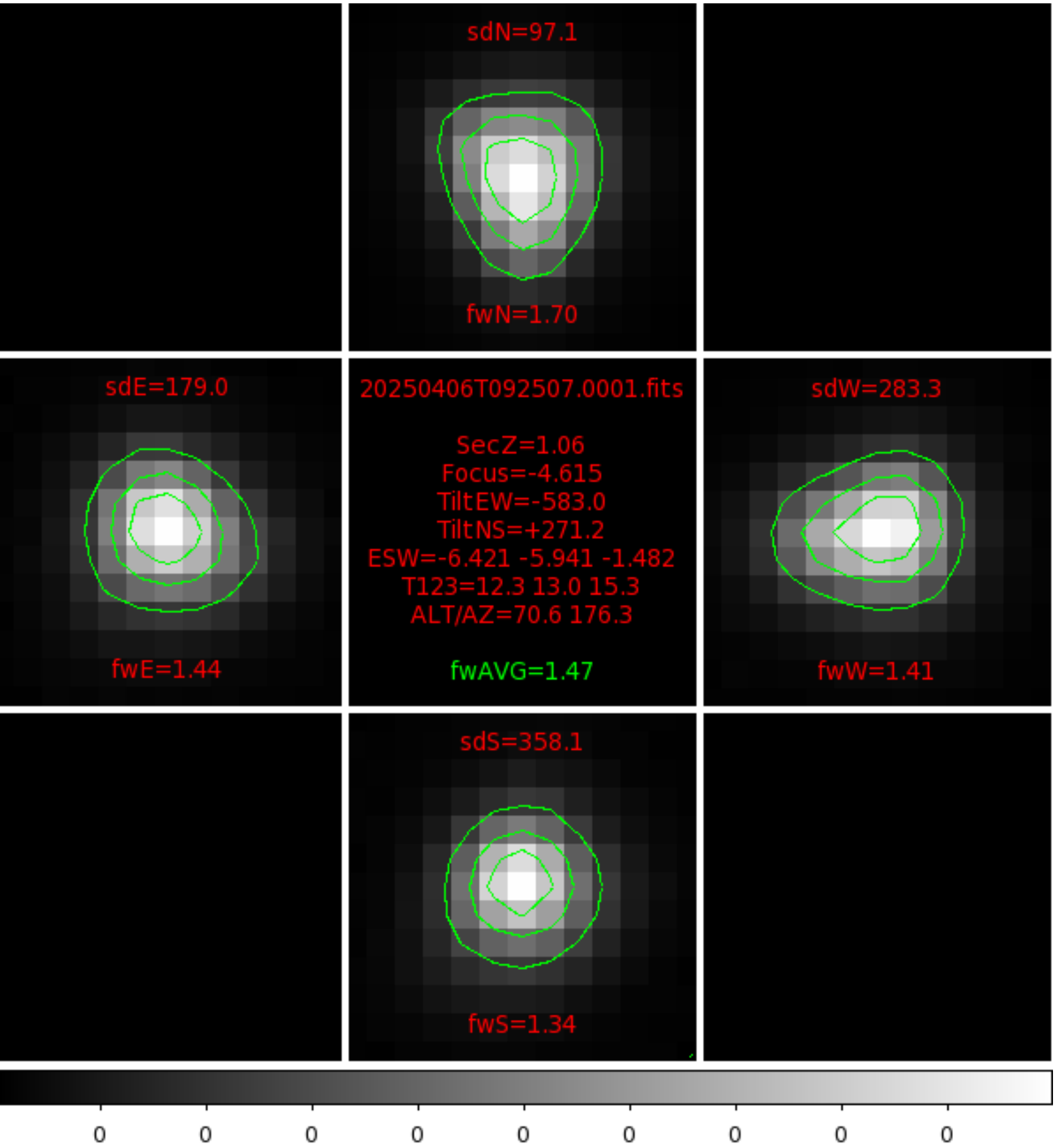
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fwE=1.44
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SecZ=1.06
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.3 13.0 15.3
ALT/AZ=70.6 176.3
fwAVG=1.47
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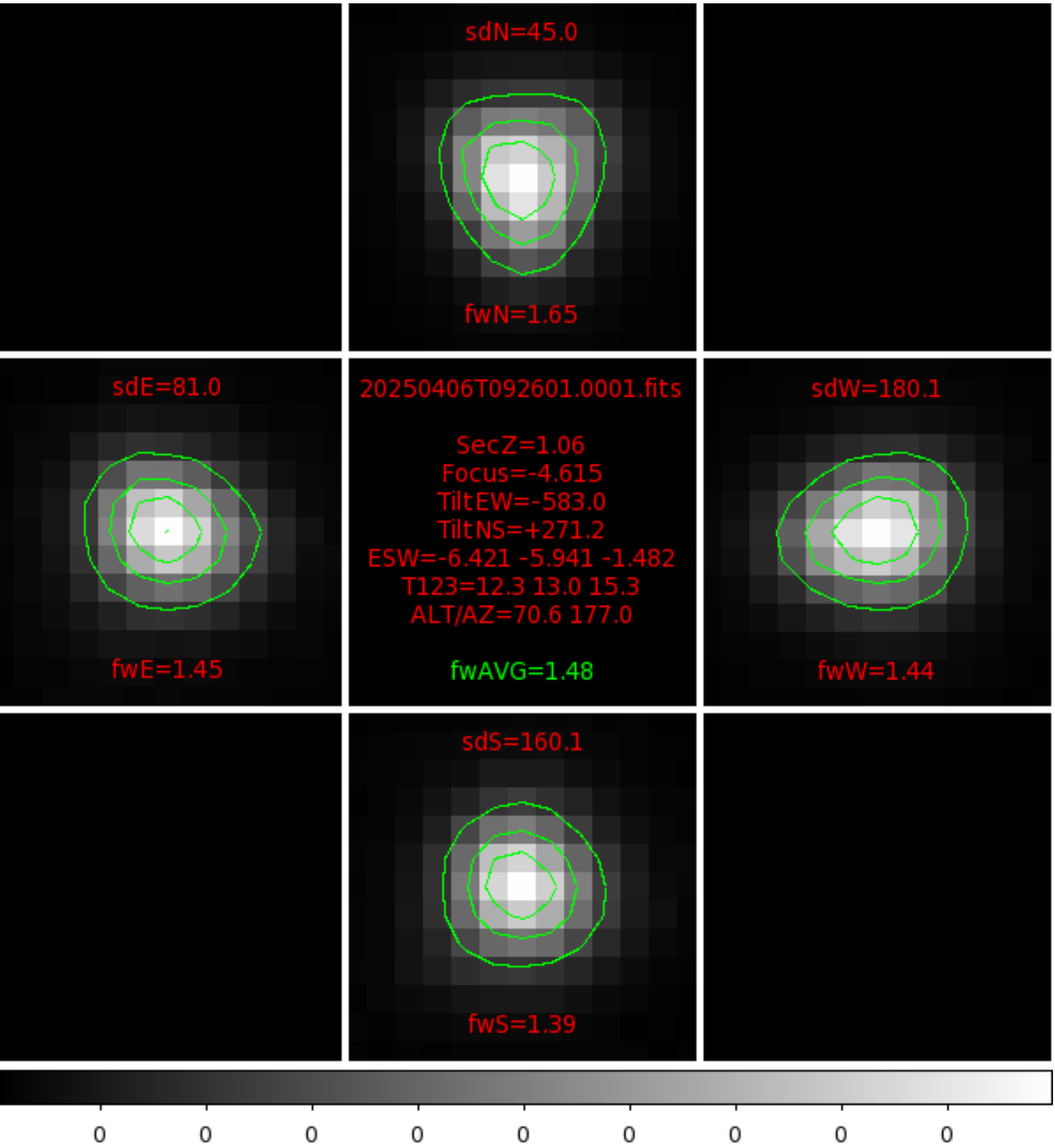
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SecZ=1.06
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TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.3 13.0 15.3
ALT/AZ=70.6 177.0
fwAVG=1.48
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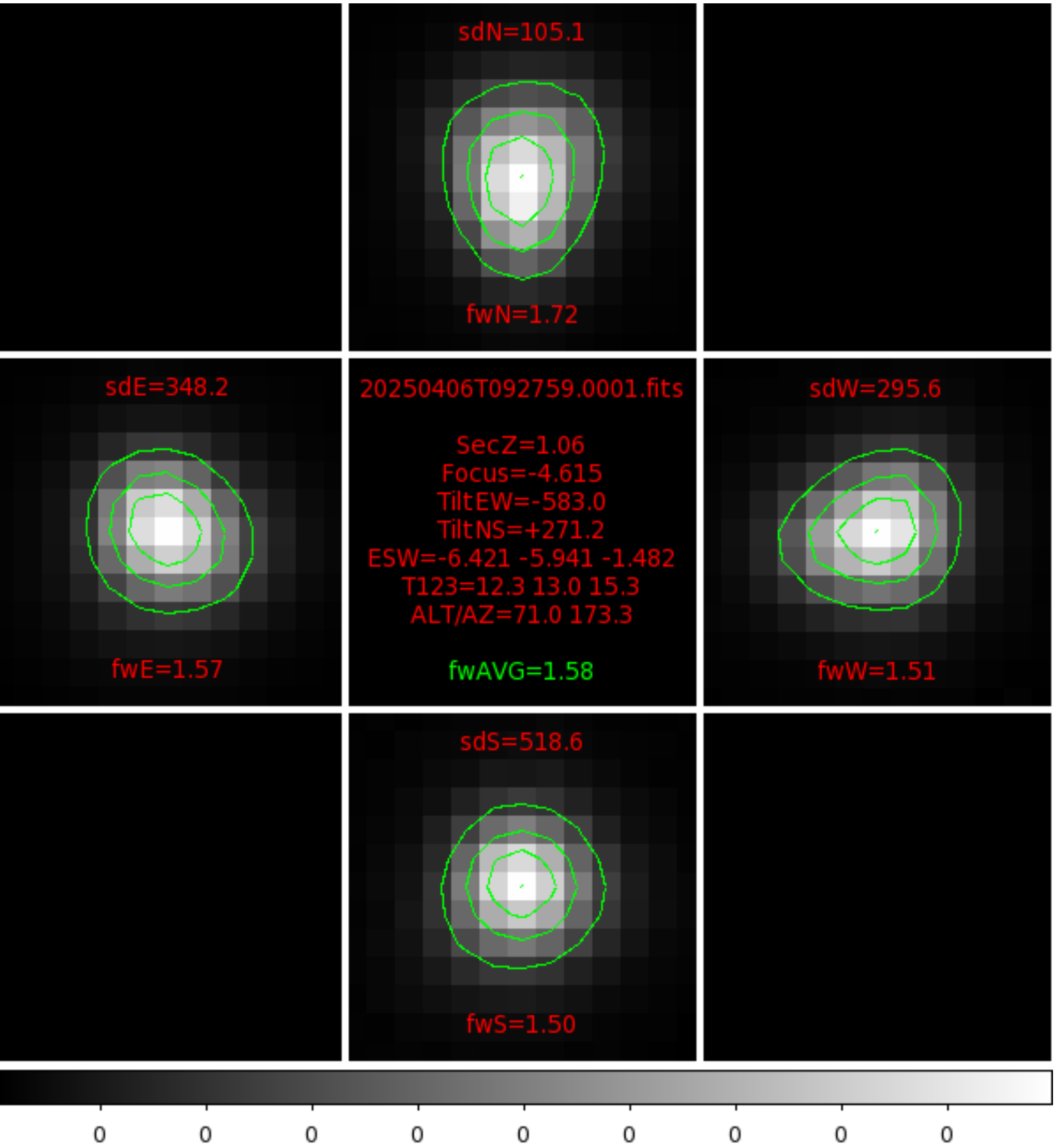
sdN=105.1
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SecZ=1.06
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ESW=-6.421 -5.941 -1.482
T123=12.3 13.0 15.3
ALT/AZ=71.0 173.3
fwAVG=1.58
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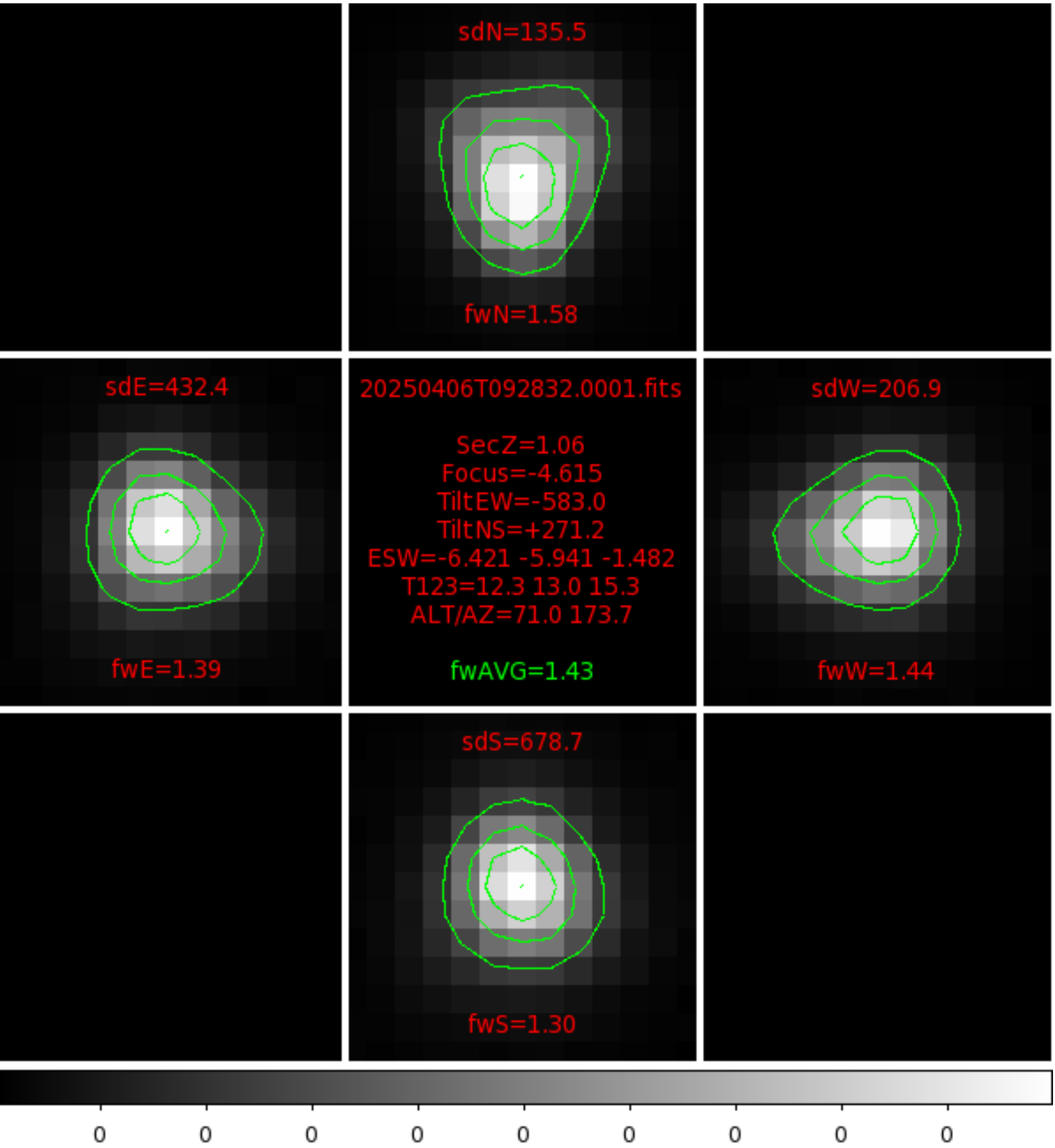
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ESW=-6.421 -5.941 -1.482
T123=12.3 13.0 15.3
ALT/AZ=71.0 173.7
fwAVG=1.43
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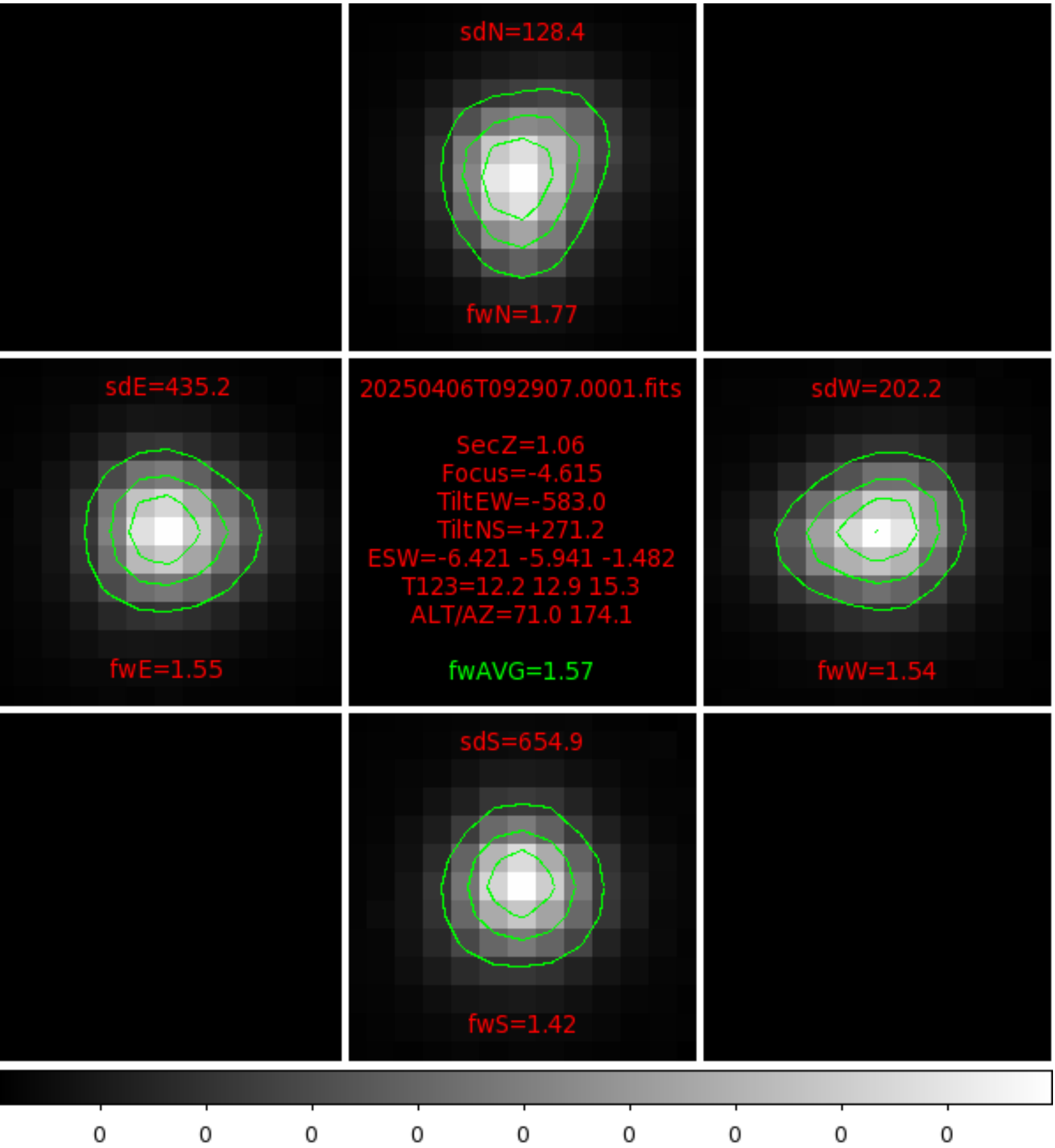
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TiltEW=-583.0
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ESW=-6.421 -5.941 -1.482
T123=12.2 12.9 15.3
ALT/AZ=71.0 174.1
fwAVG=1.57
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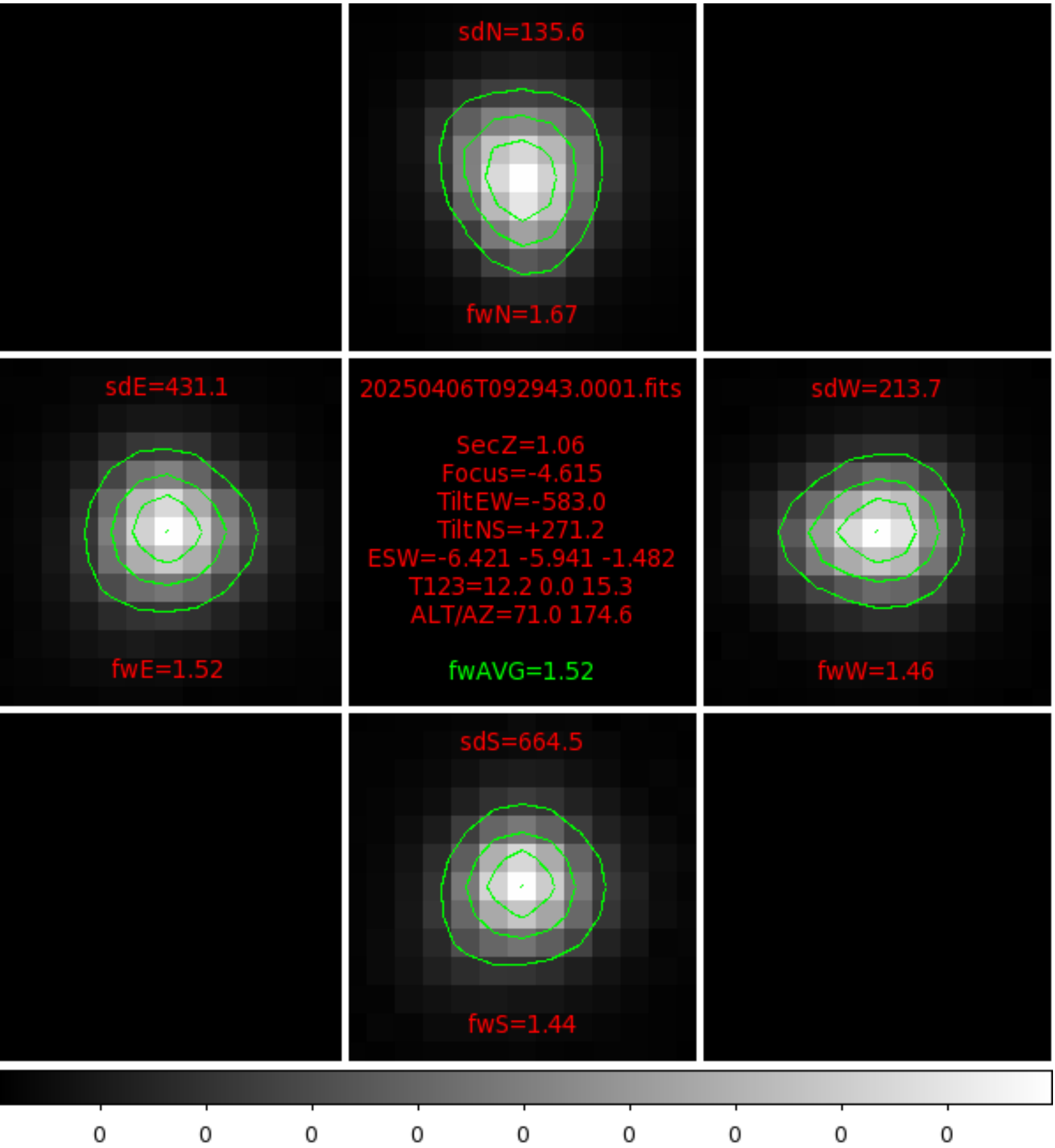
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SecZ=1.06
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.2 0.0 15.3
ALT/AZ=71.0 174.6
fwAVG=1.52
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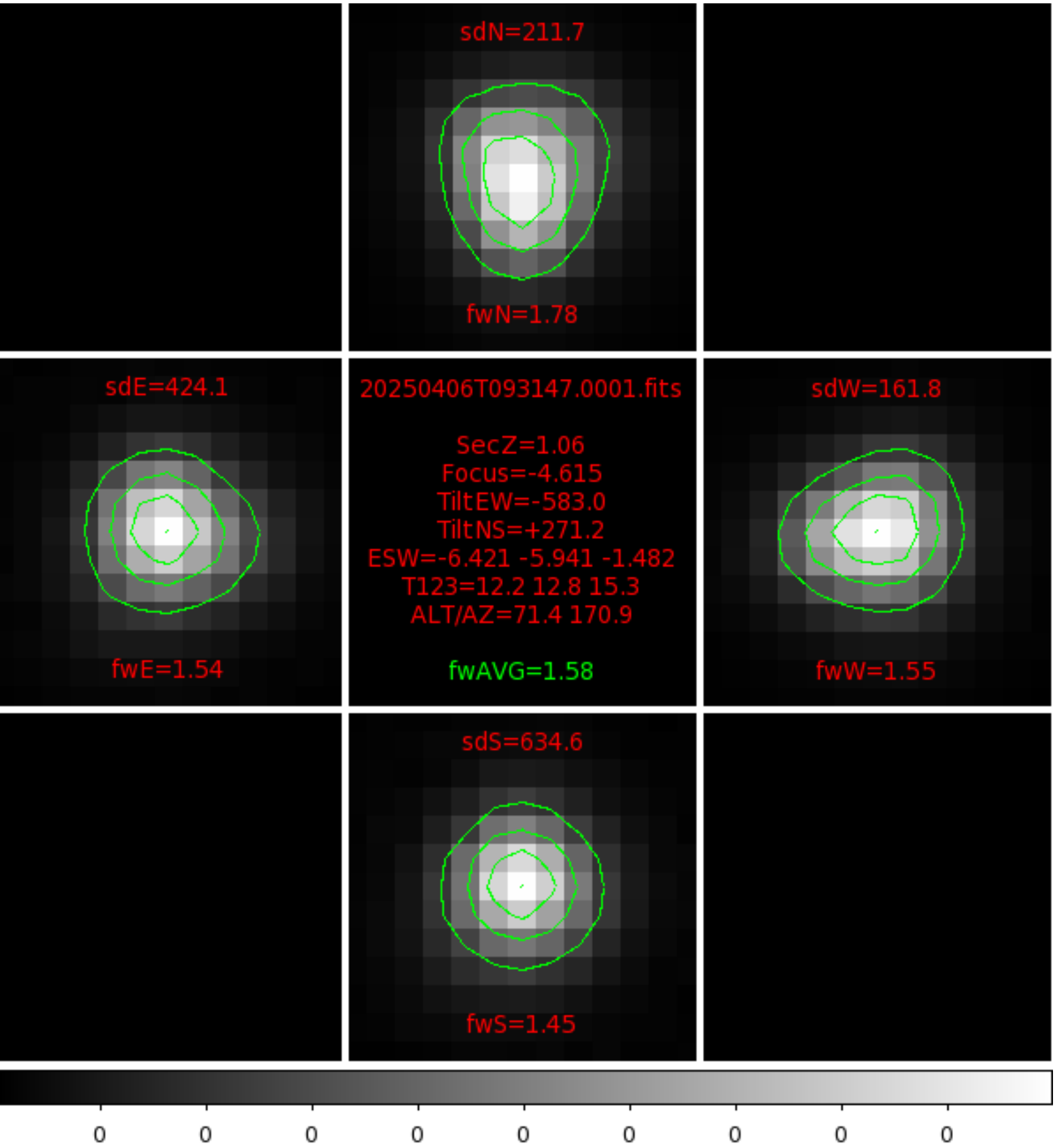
sdN=211.7
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Focus=-4.615
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TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.2 12.8 15.3
ALT/AZ=71.4 170.9
fwAVG=1.58
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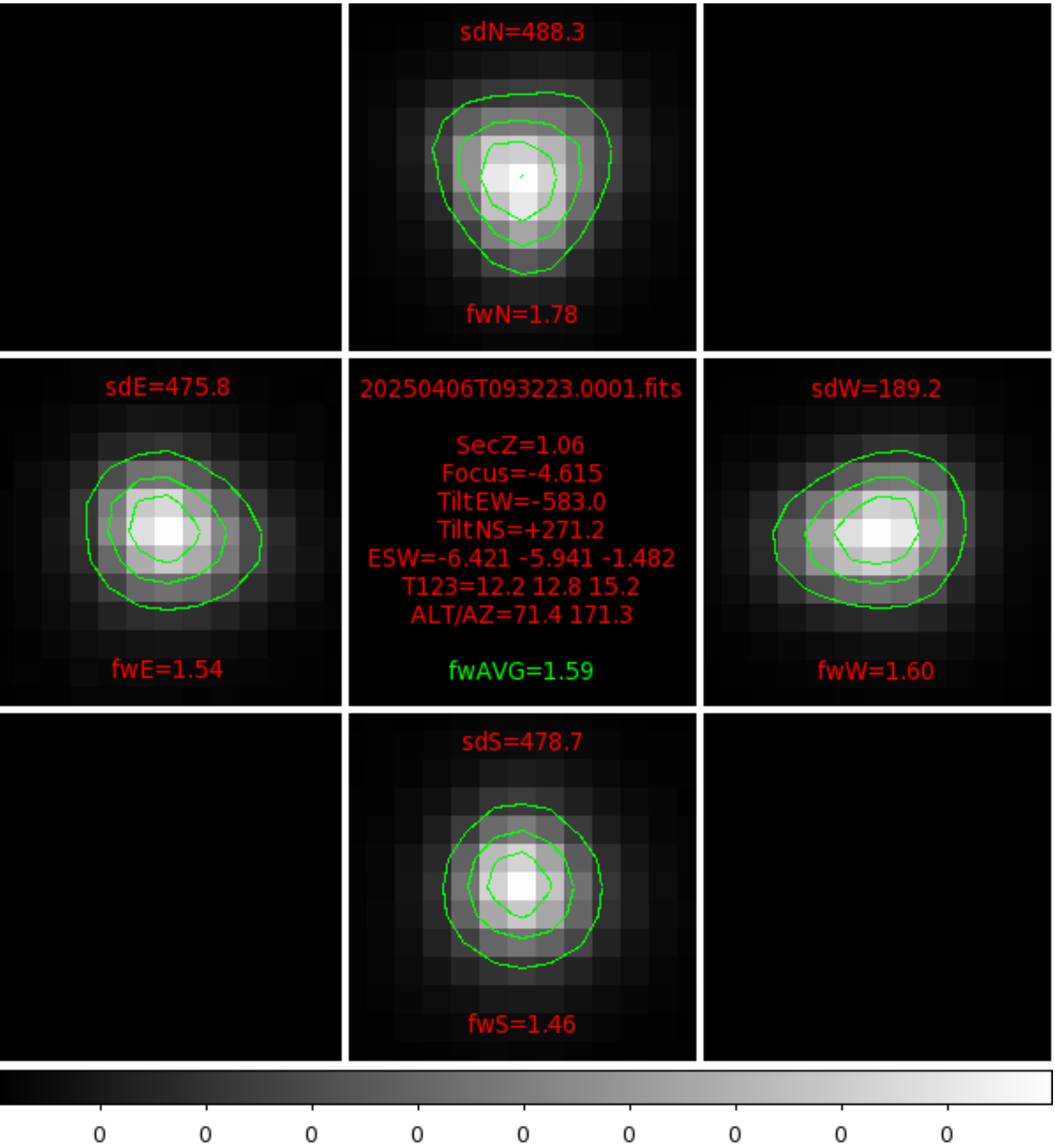
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sdE=475.8
fwE=1.54
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SecZ=1.06
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.2 12.8 15.2
ALT/AZ=71.4 171.3
fwAVG=1.59
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sdS=478.7
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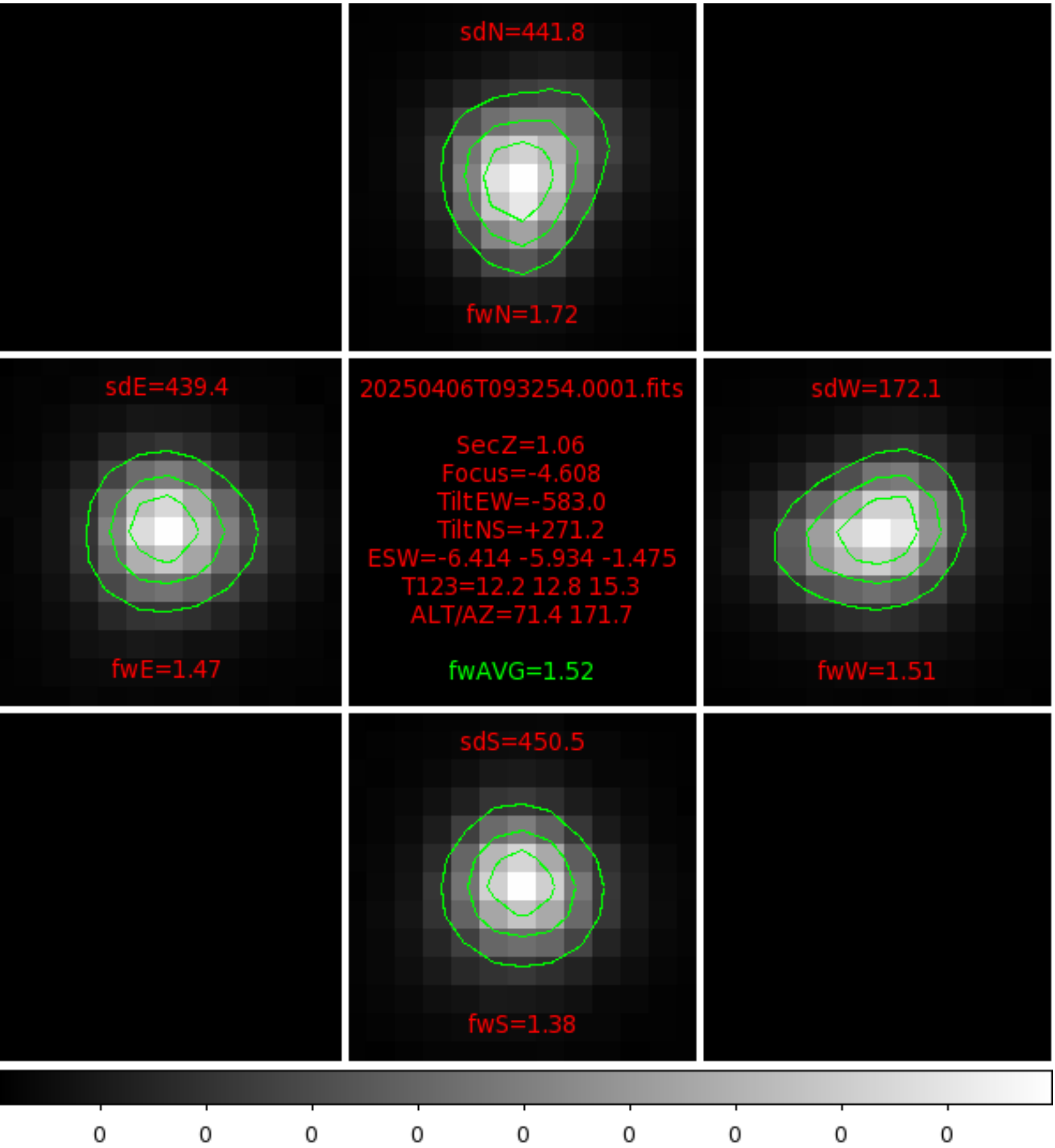
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.2 12.8 15.3
ALT/AZ=71.4 171.7
fwAVG=1.52
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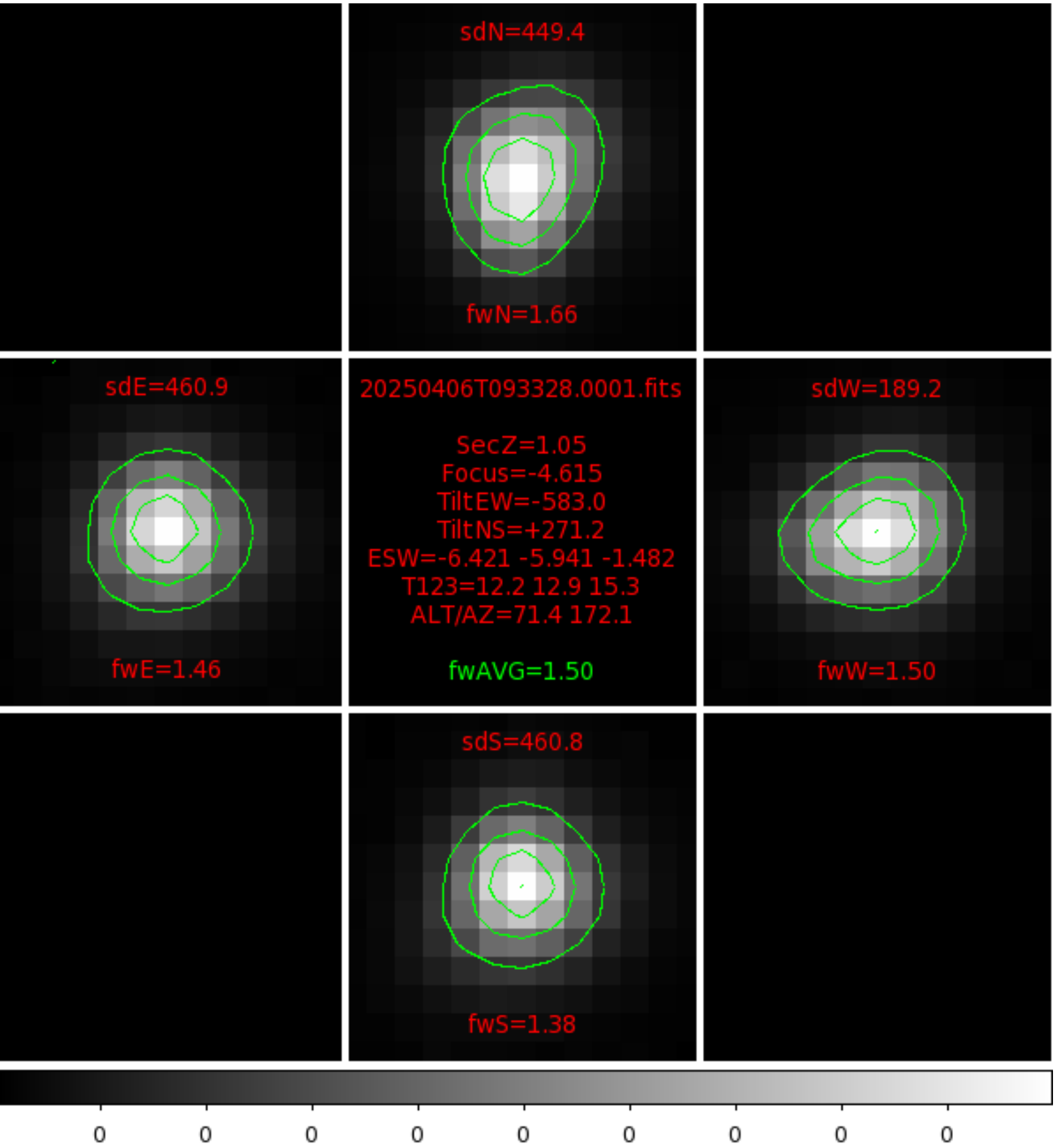
sdN=449.4
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sdE=460.9
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SecZ=1.05
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.2 12.9 15.3
ALT/AZ=71.4 172.1
fwAVG=1.50
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sdS=460.8
fwS=1.38
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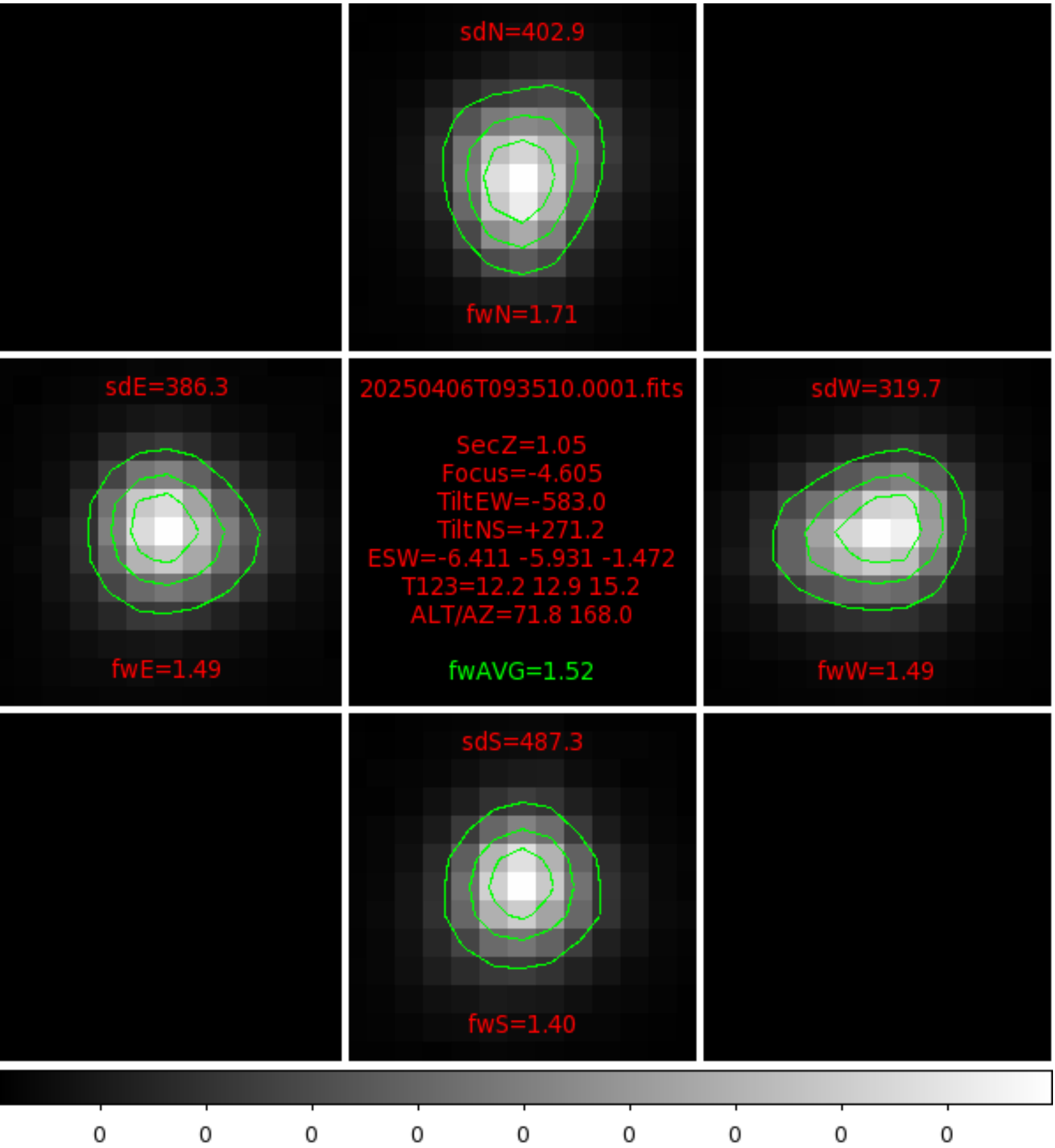
sdN=402.9
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SecZ=1.05
Focus=-4.605
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.411 -5.931 -1.472
T123=12.2 12.9 15.2
ALT/AZ=71.8 168.0
fwAVG=1.52
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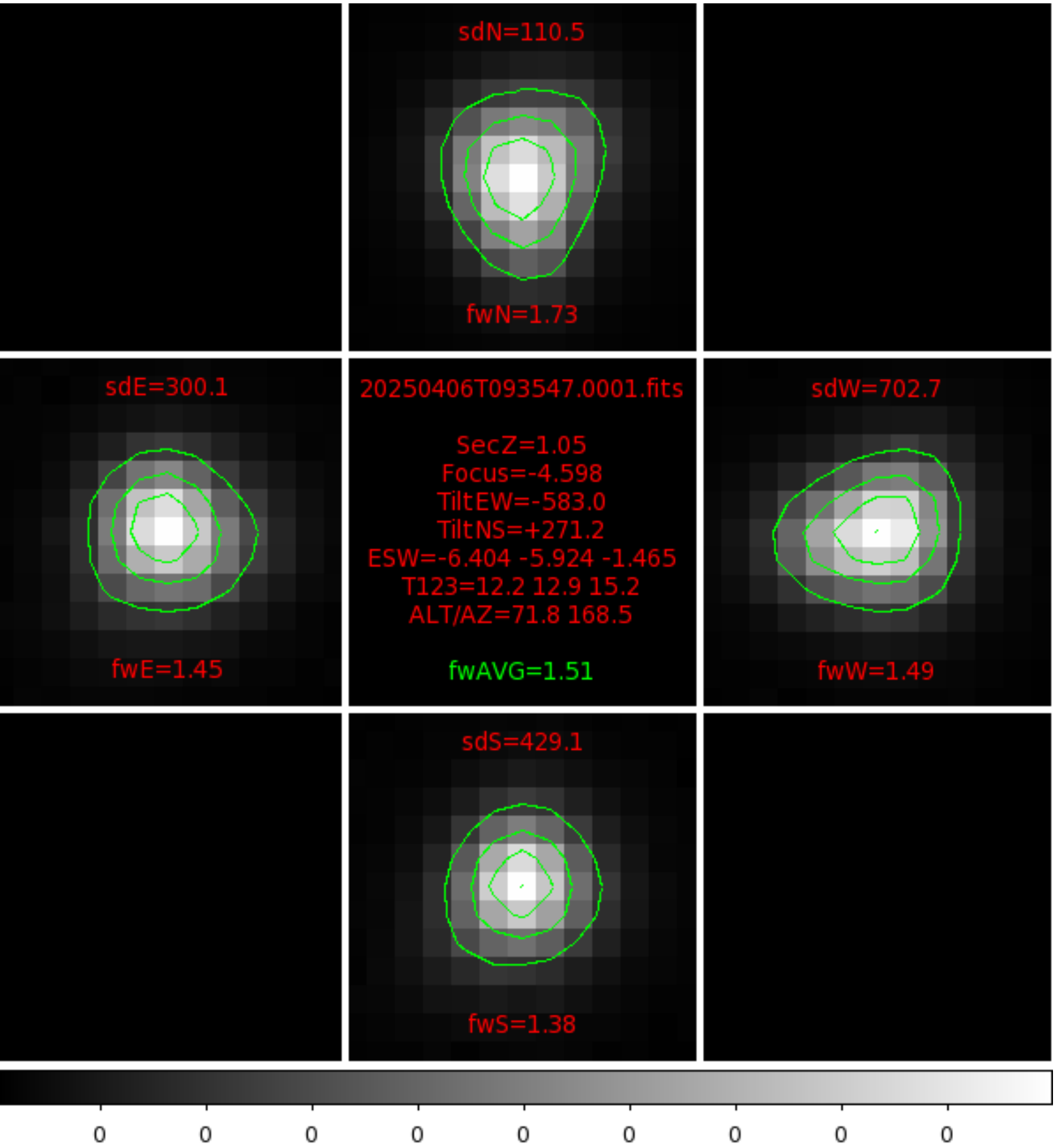
sdN=110.5
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sdE=300.1
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SecZ=1.05
Focus=-4.598
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.404 -5.924 -1.465
T123=12.2 12.9 15.2
ALT/AZ=71.8 168.5
fwAVG=1.51
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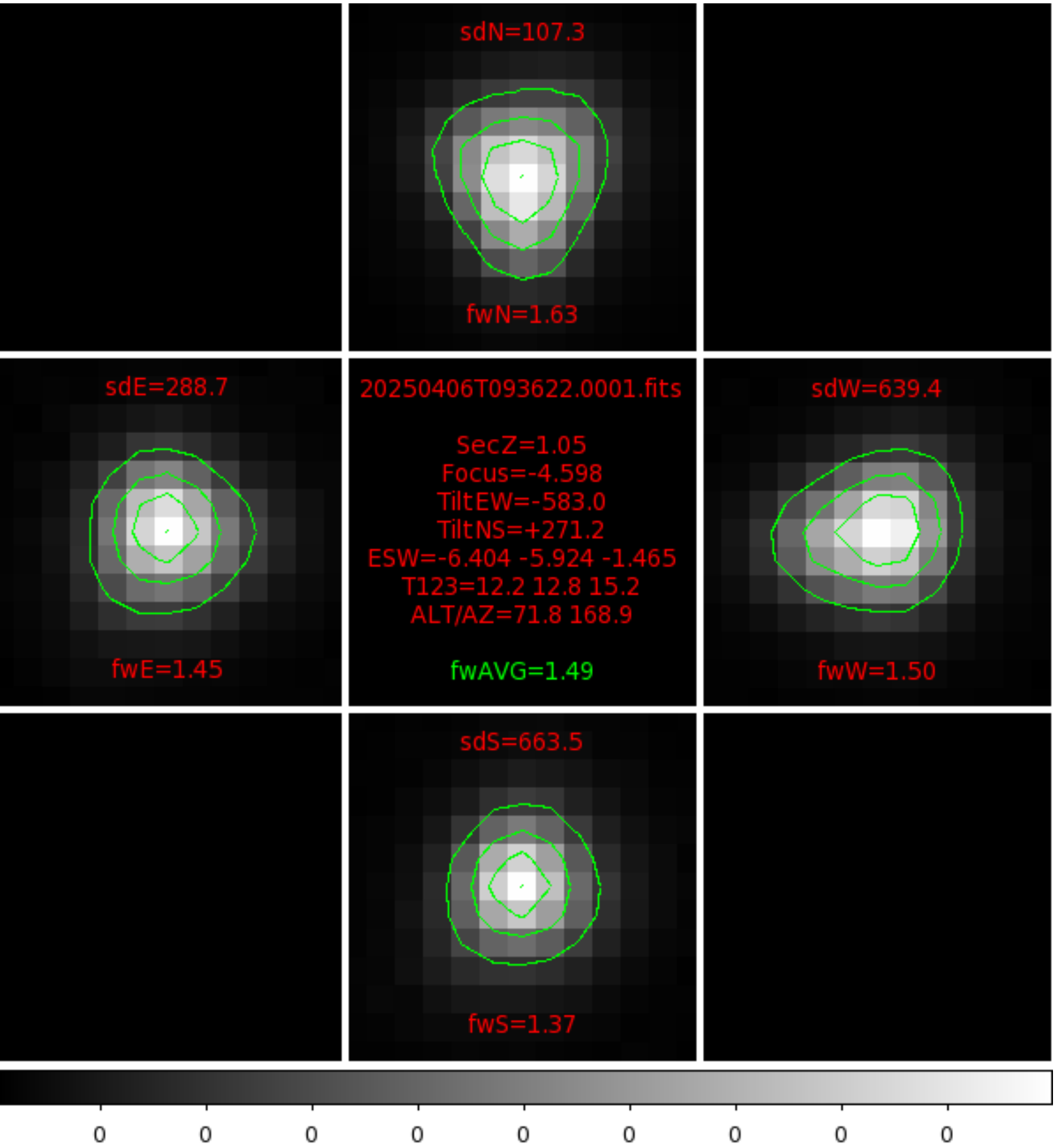
sdN=107.3
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Focus=-4.598
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.404 -5.924 -1.465
T123=12.2 12.8 15.2
ALT/AZ=71.8 168.9
fwAVG=1.49
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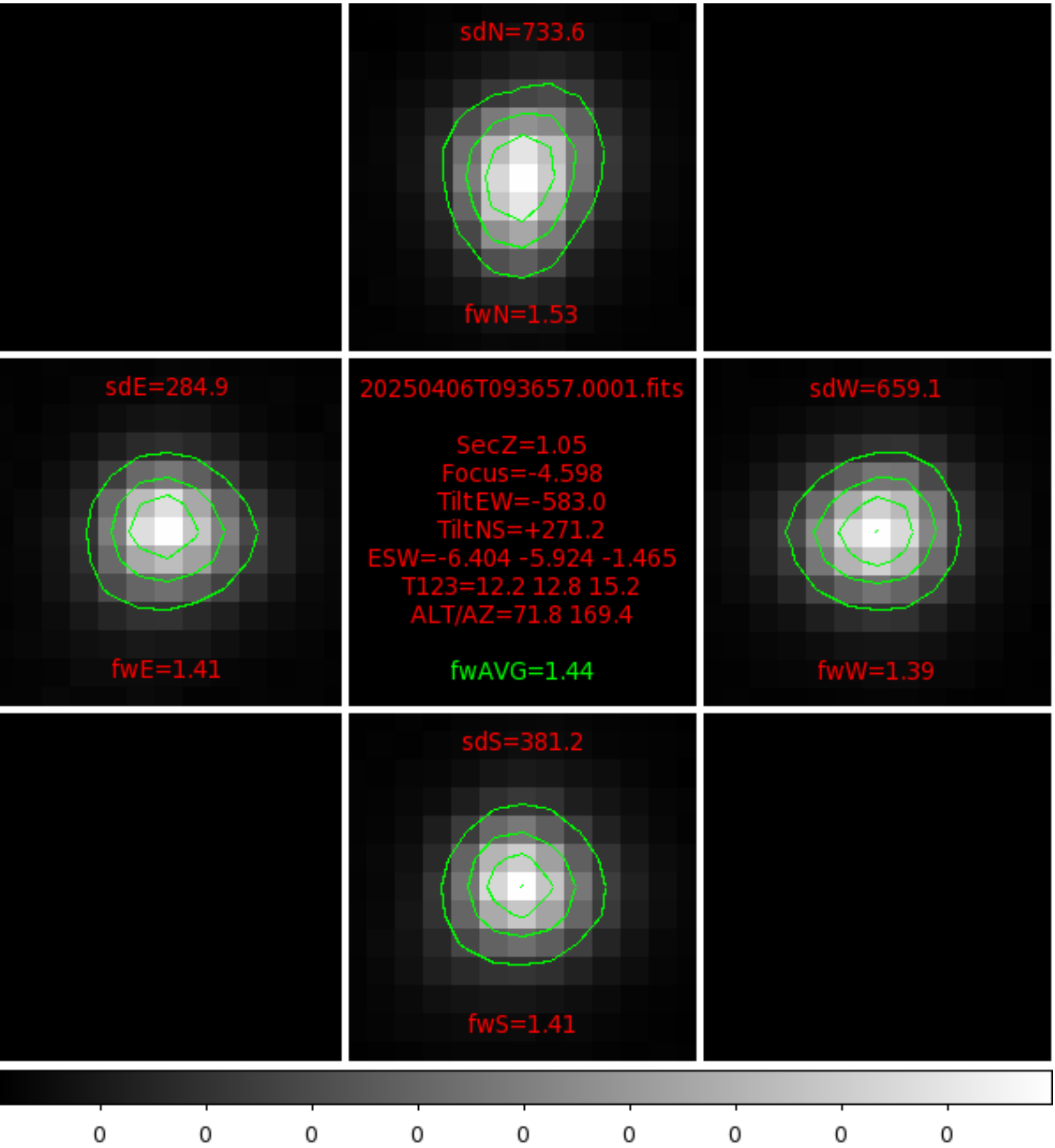
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SecZ=1.05
Focus=-4.598
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.404 -5.924 -1.465
T123=12.2 12.8 15.2
ALT/AZ=71.8 169.4
fwAVG=1.44
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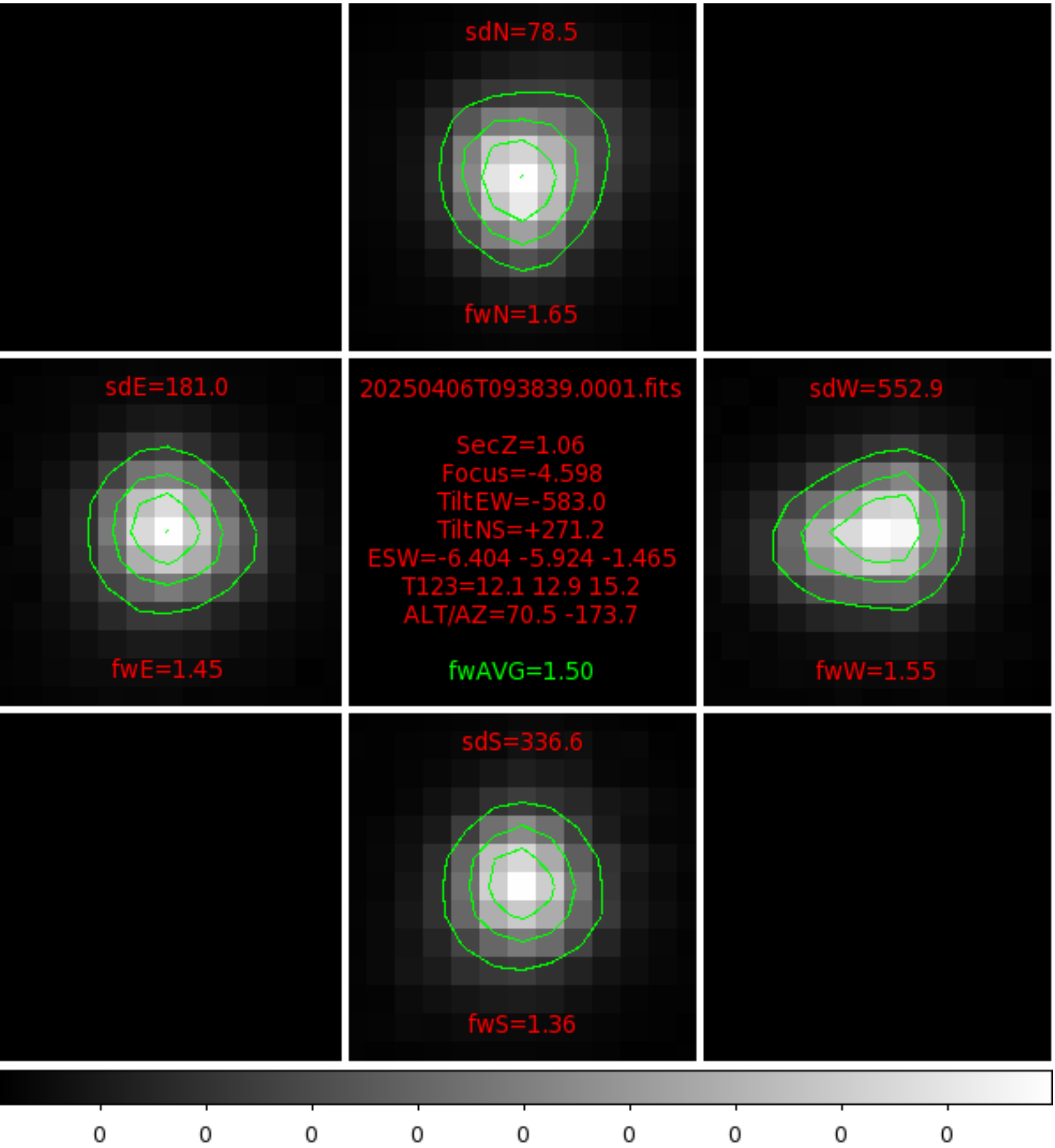
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SecZ=1.06
Focus=-4.598
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.404 -5.924 -1.465
T123=12.1 12.9 15.2
ALT/AZ=70.5 -173.7
fwAVG=1.50
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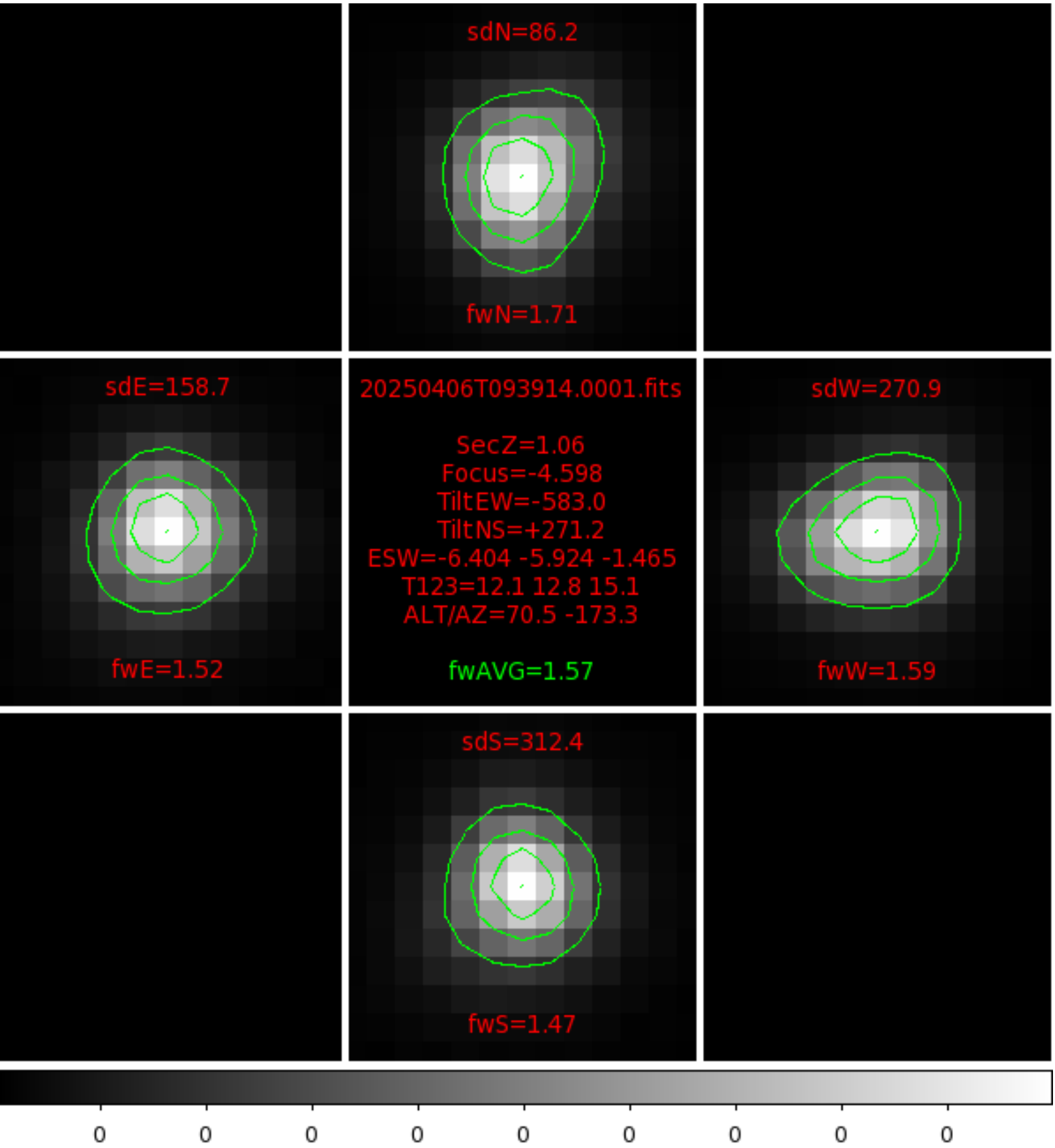
sdN=86.2
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sdE=158.7
fwE=1.52
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SecZ=1.06
Focus=-4.598
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.404 -5.924 -1.465
T123=12.1 12.8 15.1
ALT/AZ=70.5 -173.3
fwAVG=1.57
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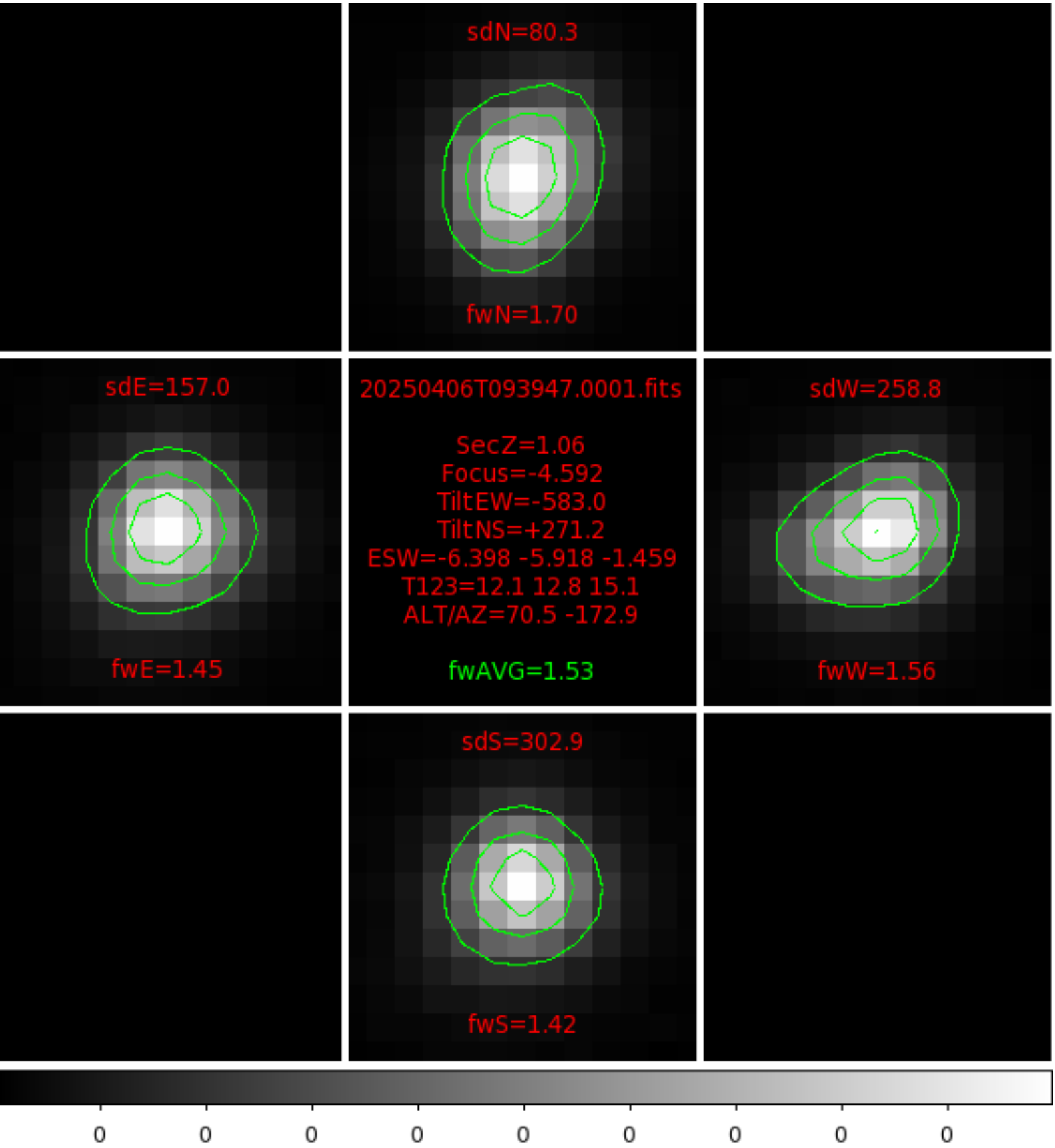
sdN=80.3
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sdE=157.0
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Focus=-4.592
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=12.1 12.8 15.1
ALT/AZ=70.5 -172.9
fwAVG=1.53
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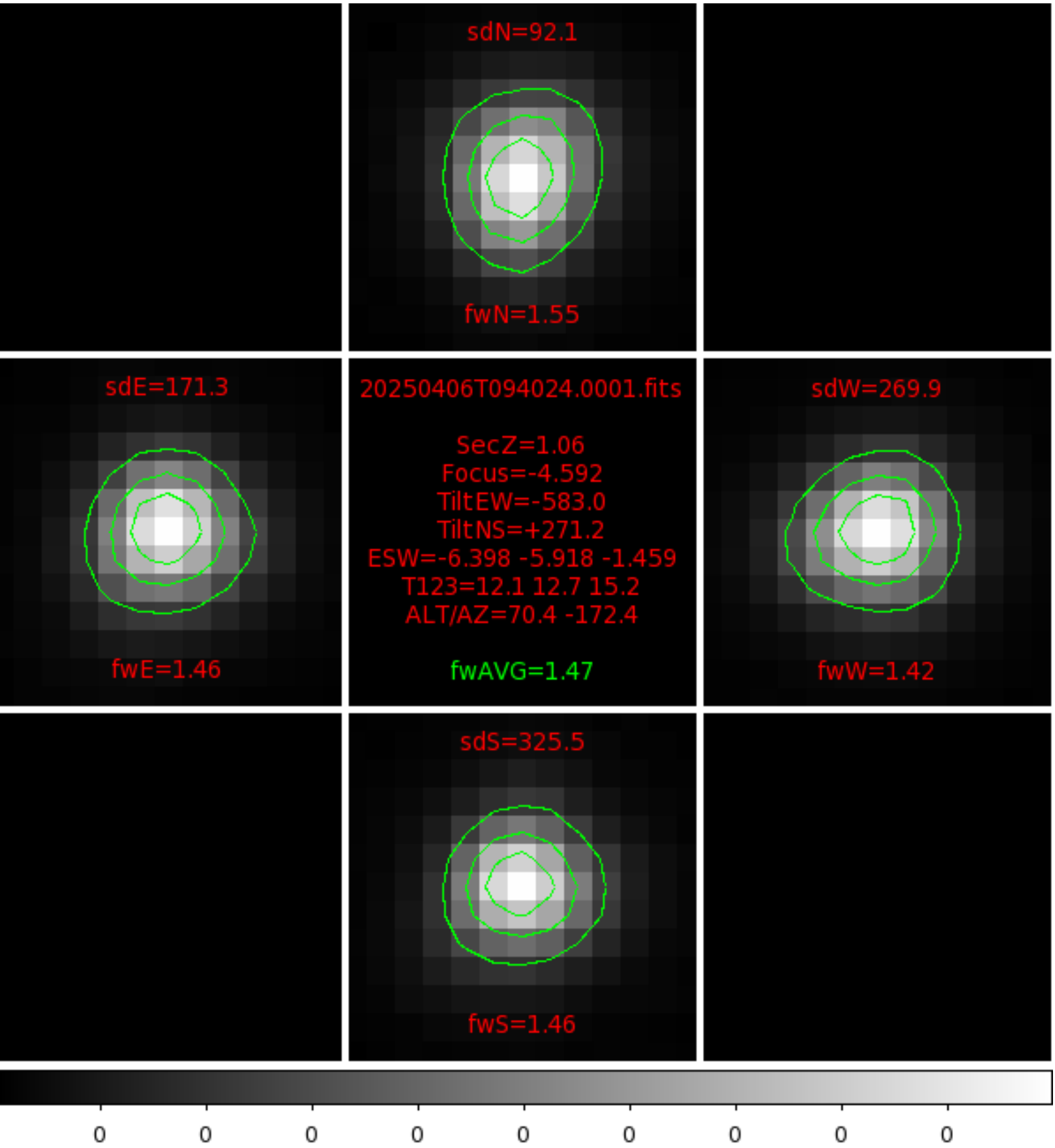
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sdE=171.3
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SecZ=1.06
Focus=-4.592
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=12.1 12.7 15.2
ALT/AZ=70.4 -172.4
fwAVG=1.47
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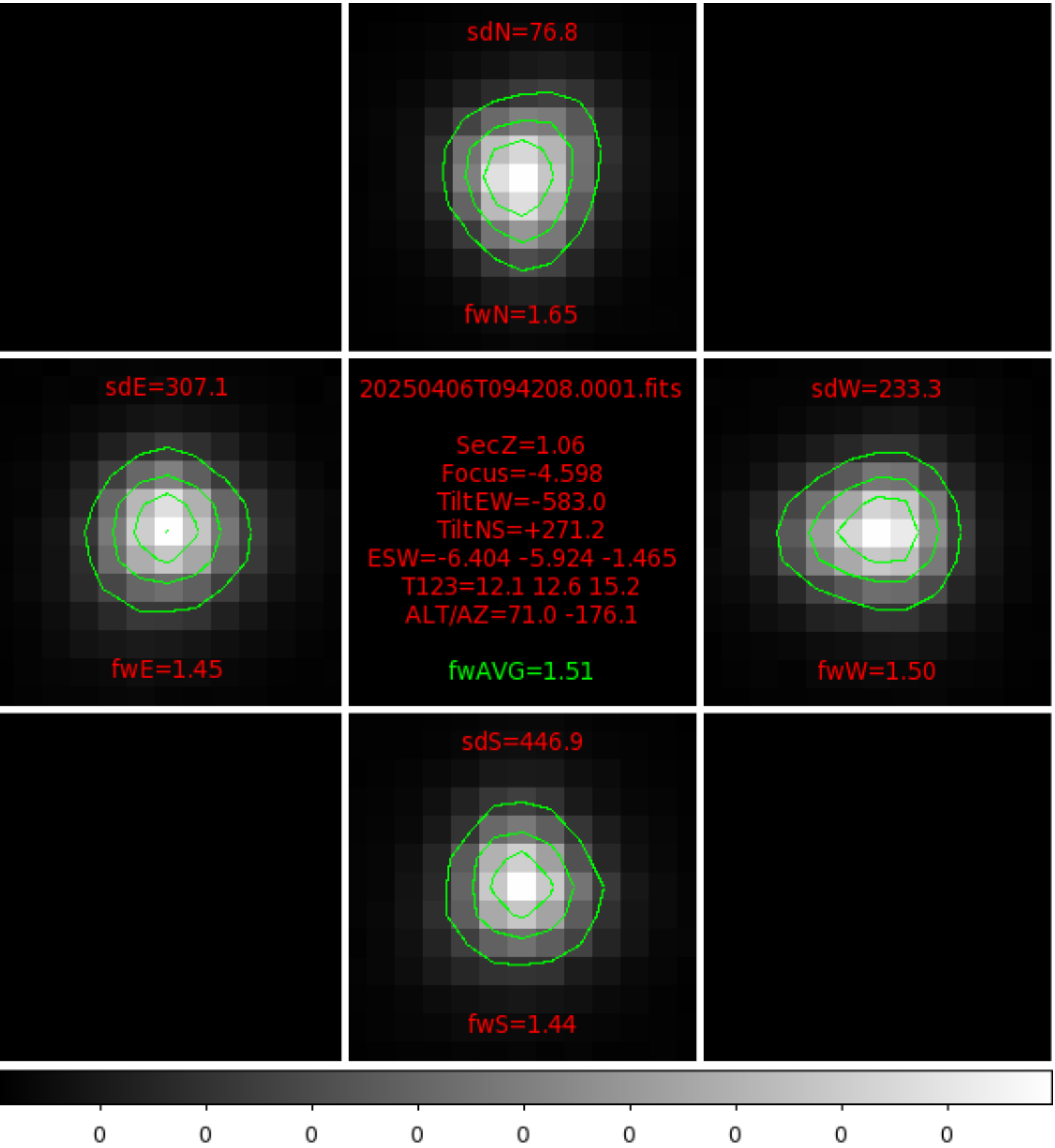
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sdE=307.1
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SecZ=1.06
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TiltNS=+271.2
ESW=-6.404 -5.924 -1.465
T123=12.1 12.6 15.2
ALT/AZ=71.0 -176.1
fwAVG=1.51
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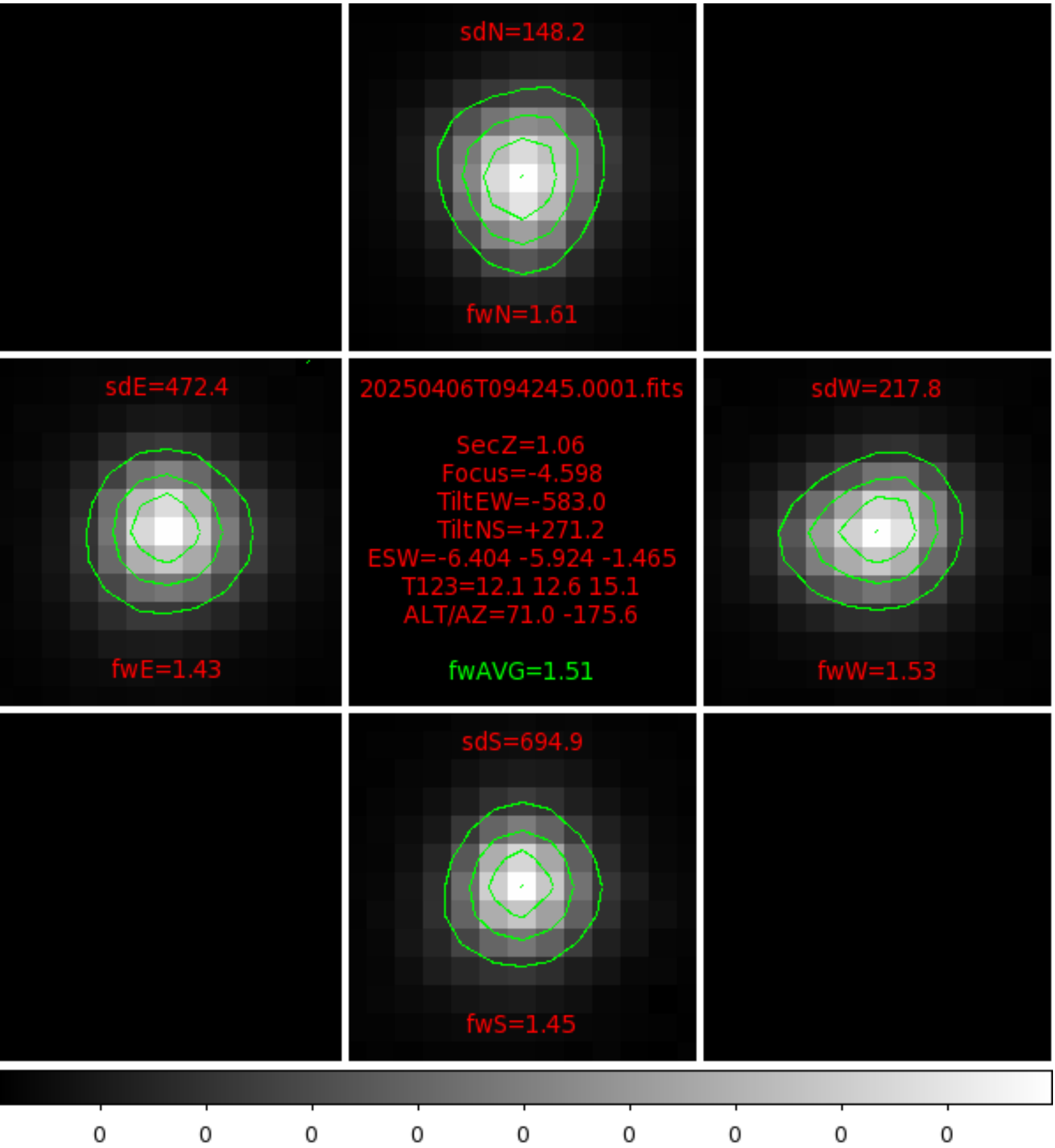
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SecZ=1.06
Focus=-4.598
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.404 -5.924 -1.465
T123=12.1 12.6 15.1
ALT/AZ=71.0 -175.6
fwAVG=1.51
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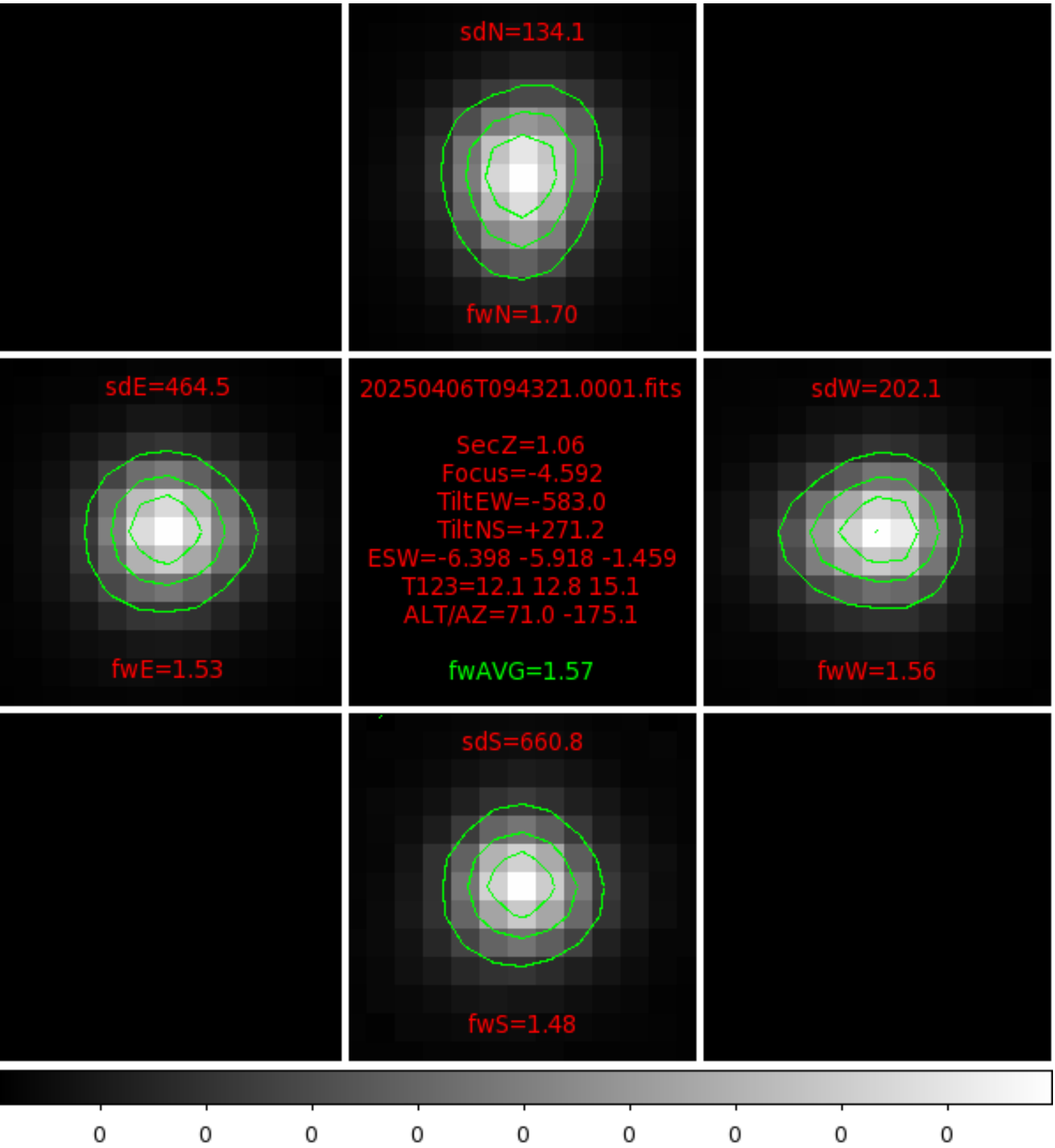
sdN=134.1
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SecZ=1.06
Focus=-4.592
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=12.1 12.8 15.1
ALT/AZ=71.0 -175.1
fwAVG=1.57
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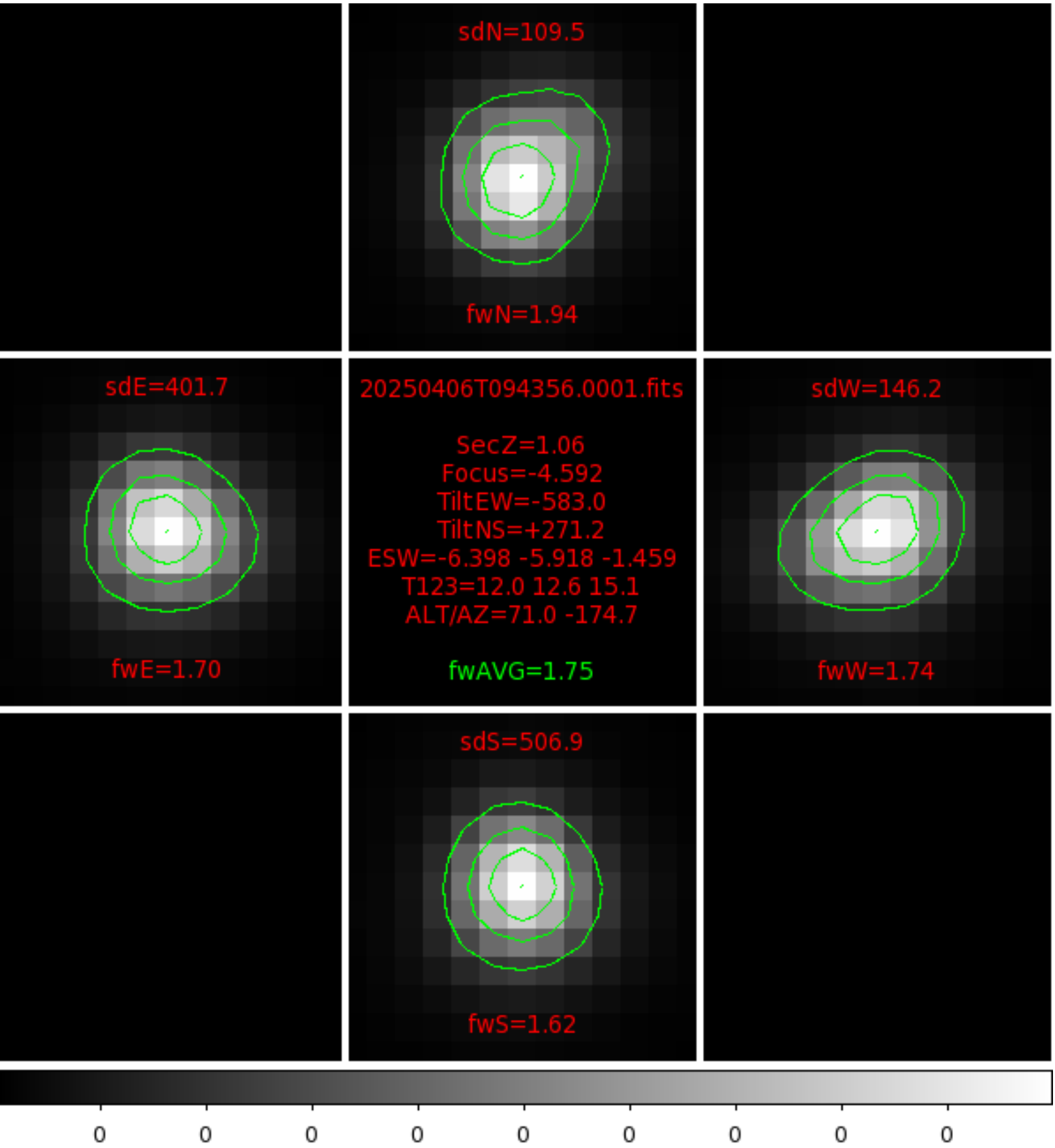
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SecZ=1.06
Focus=-4.592
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=12.0 12.6 15.1
ALT/AZ=71.0 -174.7
fwAVG=1.75
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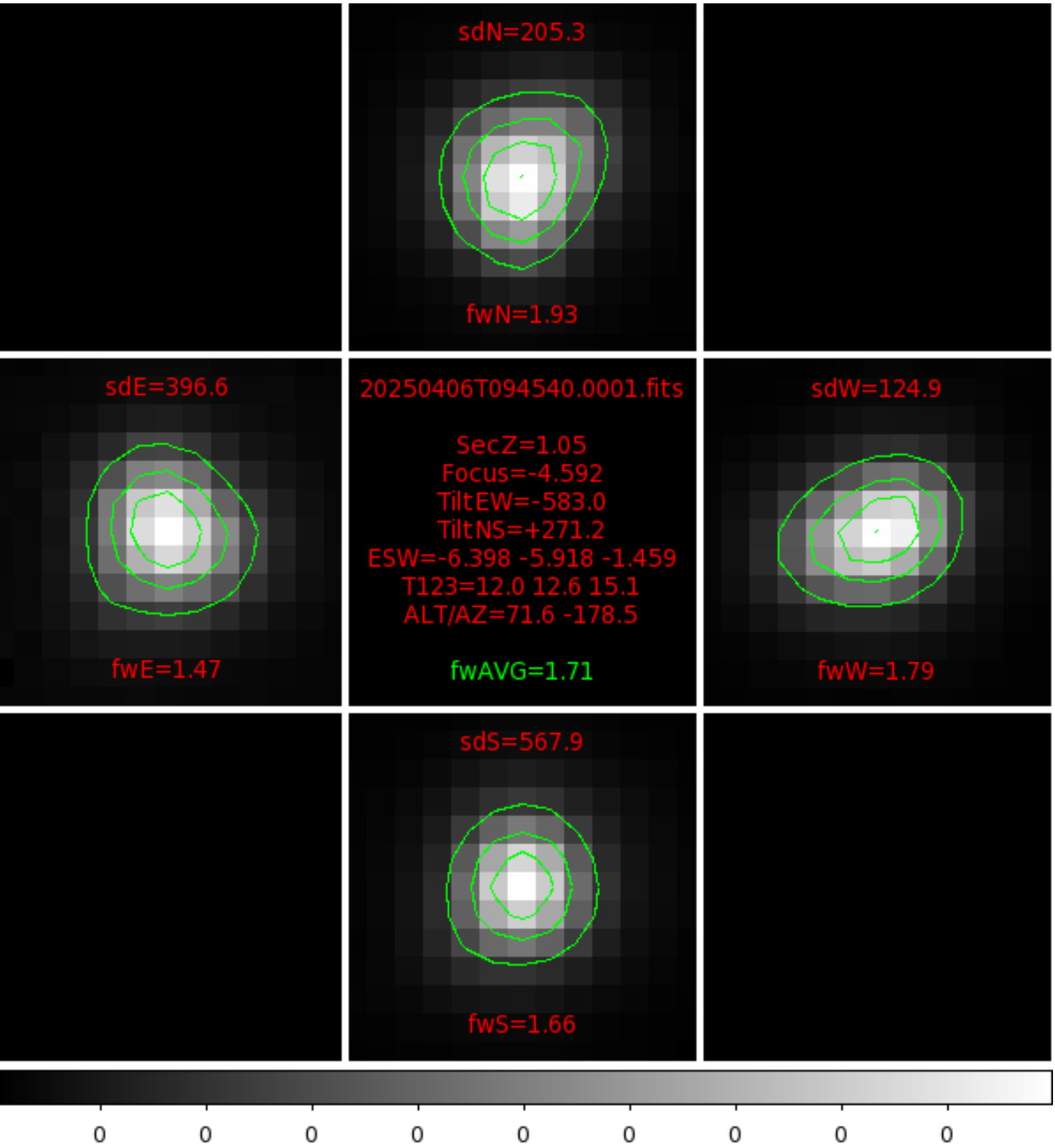
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=12.0 12.6 15.1
ALT/AZ=71.6 -178.5
fwAVG=1.71
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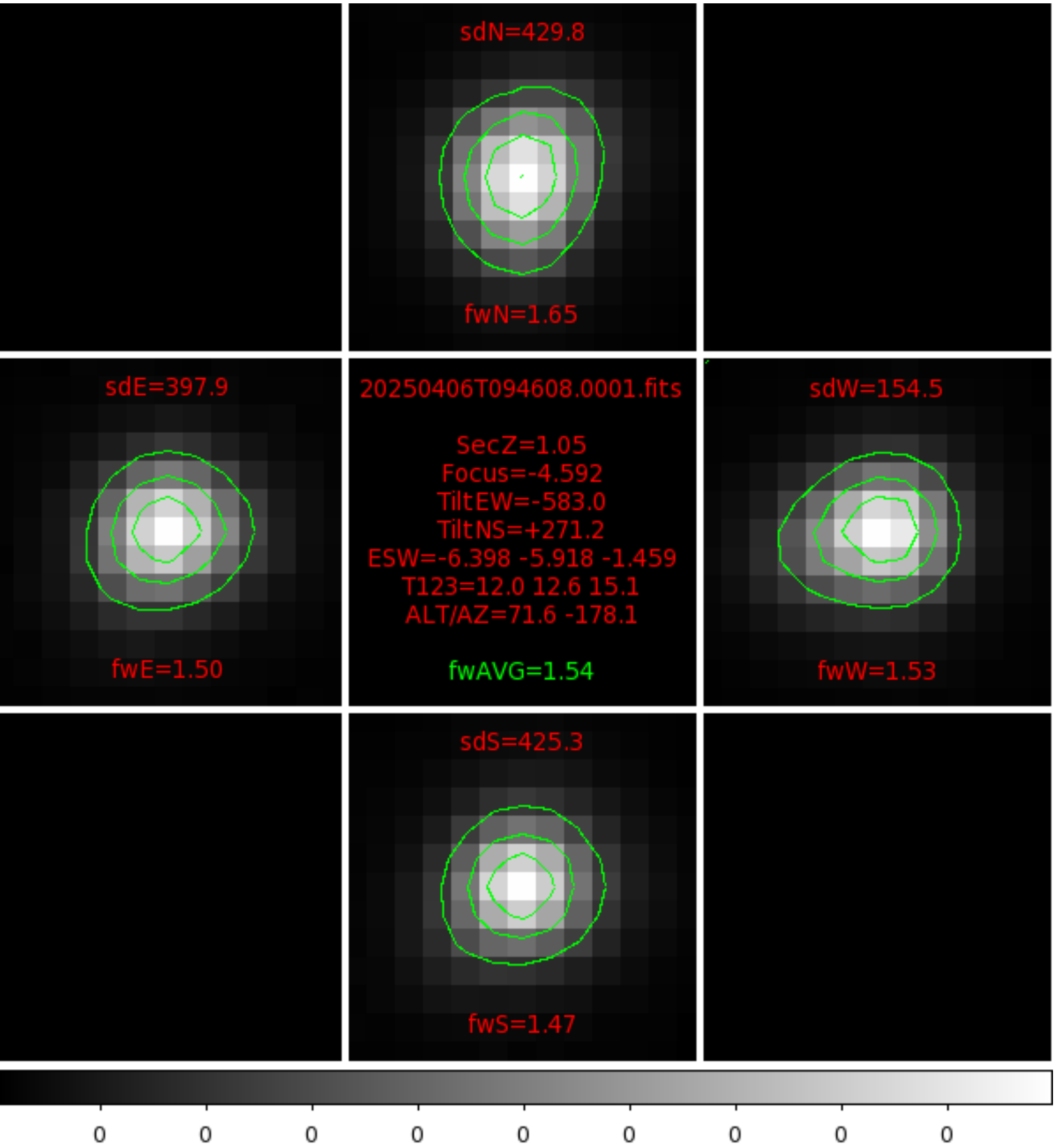
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SecZ=1.05
Focus=-4.592
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=12.0 12.6 15.1
ALT/AZ=71.6 -178.1
fwAVG=1.54
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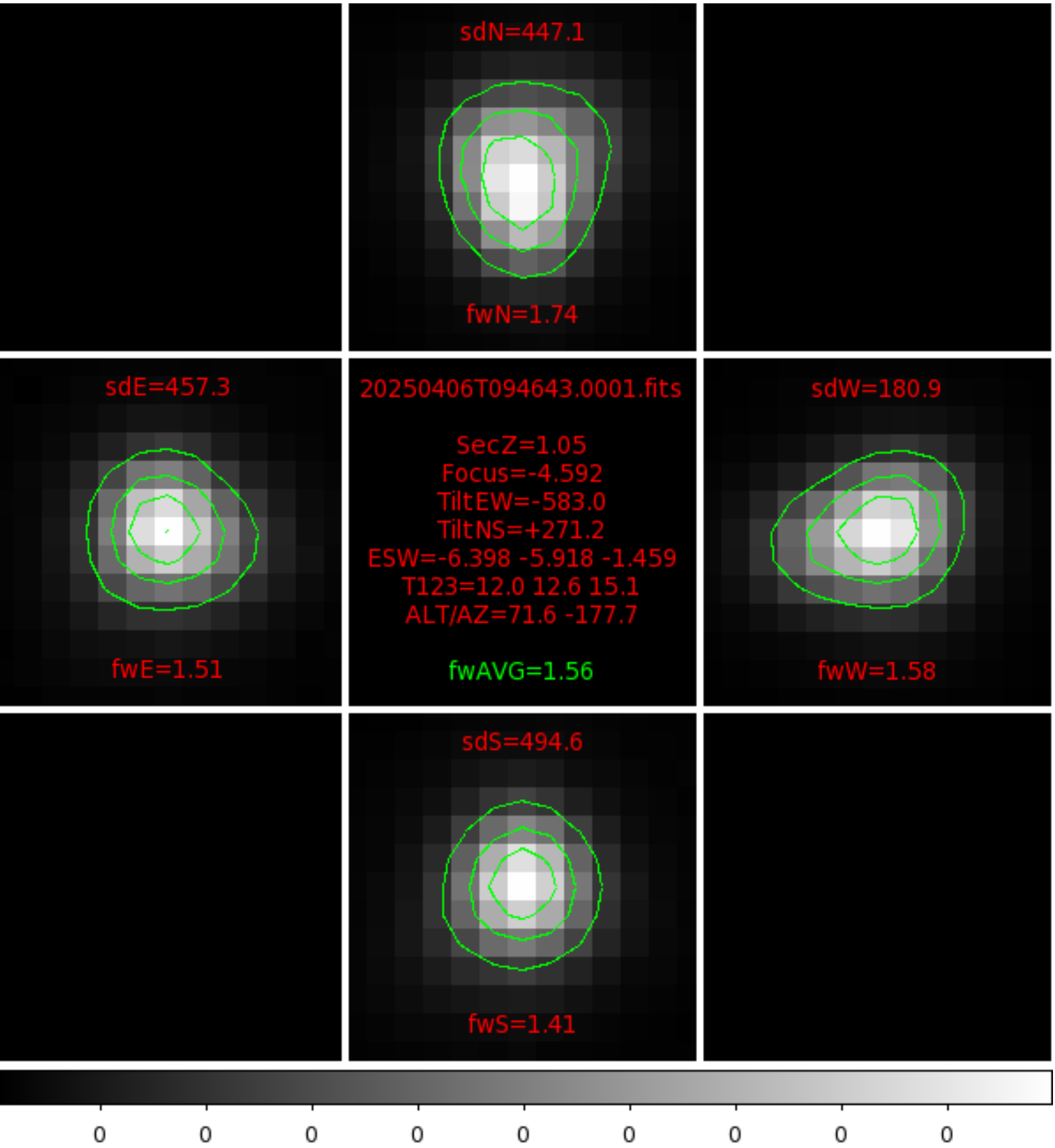
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sdE=457.3
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SecZ=1.05
Focus=-4.592
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=12.0 12.6 15.1
ALT/AZ=71.6 -177.7
fwAVG=1.56
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sdS=494.6
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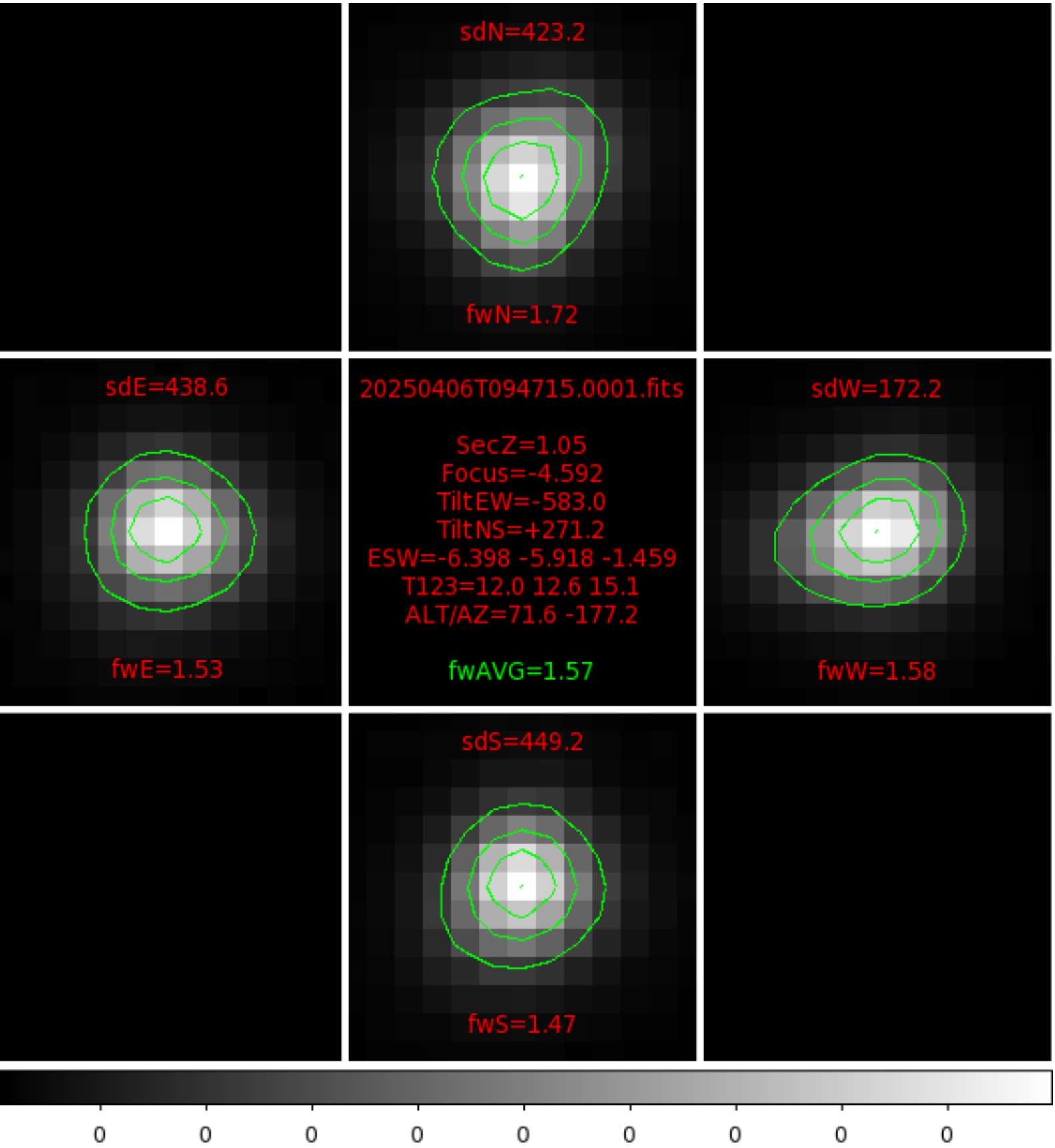
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TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=12.0 12.6 15.1
ALT/AZ=71.6 -177.2
fwAVG=1.57
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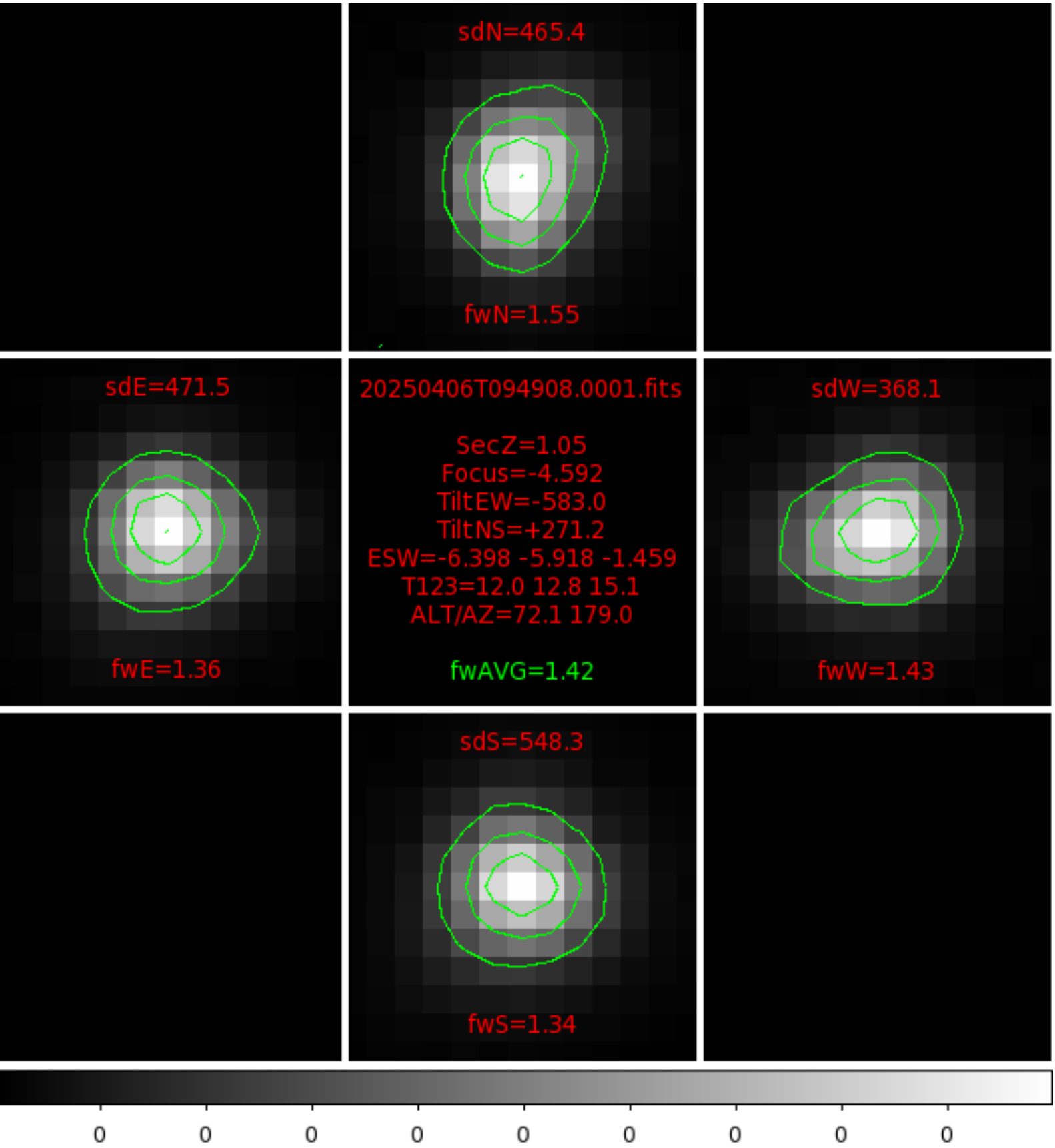
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sdE=471.5
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SecZ=1.05
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=12.0 12.8 15.1
ALT/AZ=72.1 179.0
fwAVG=1.42
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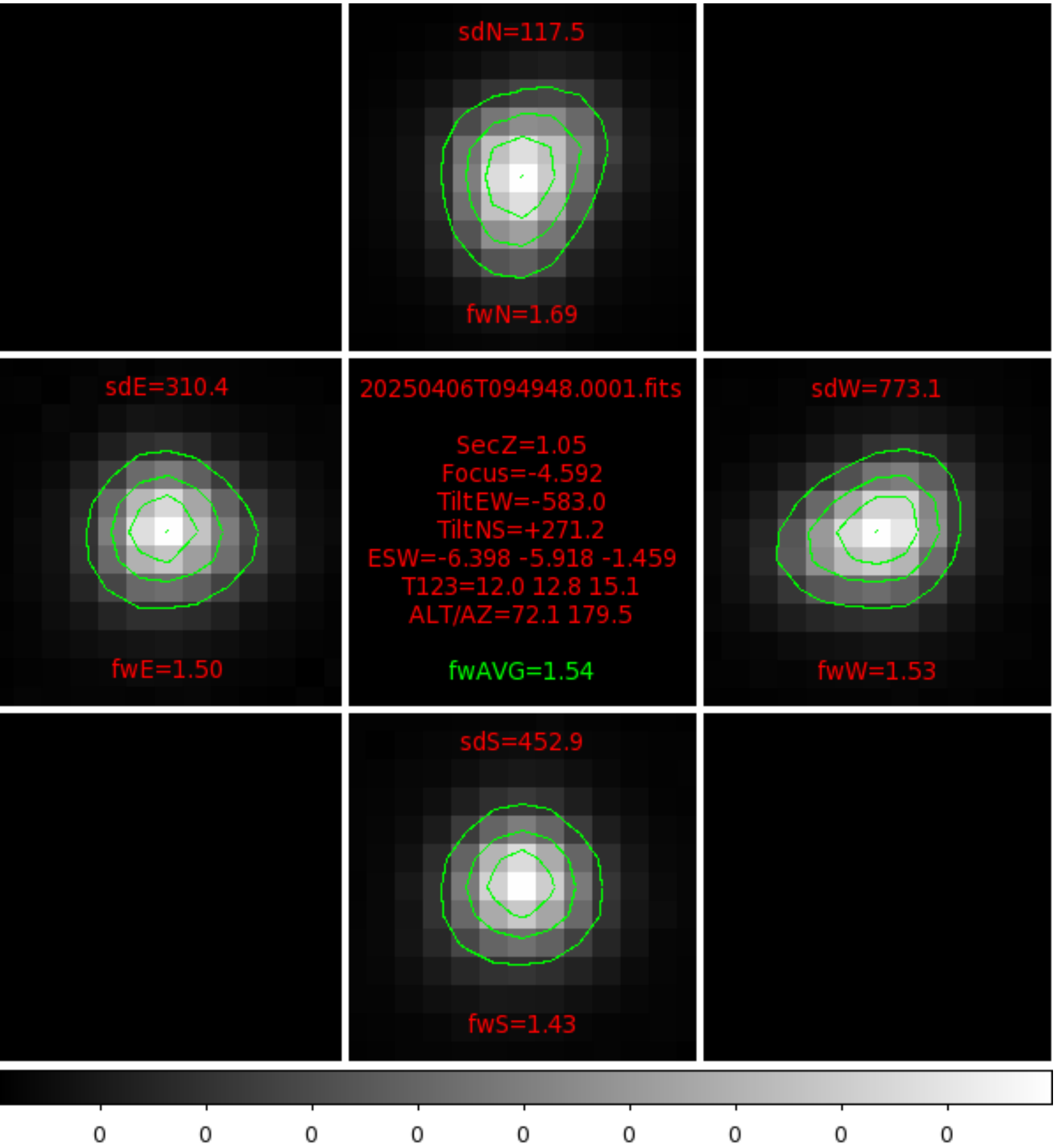
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T123=12.0 12.8 15.1
ALT/AZ=72.1 179.5
fwAVG=1.54
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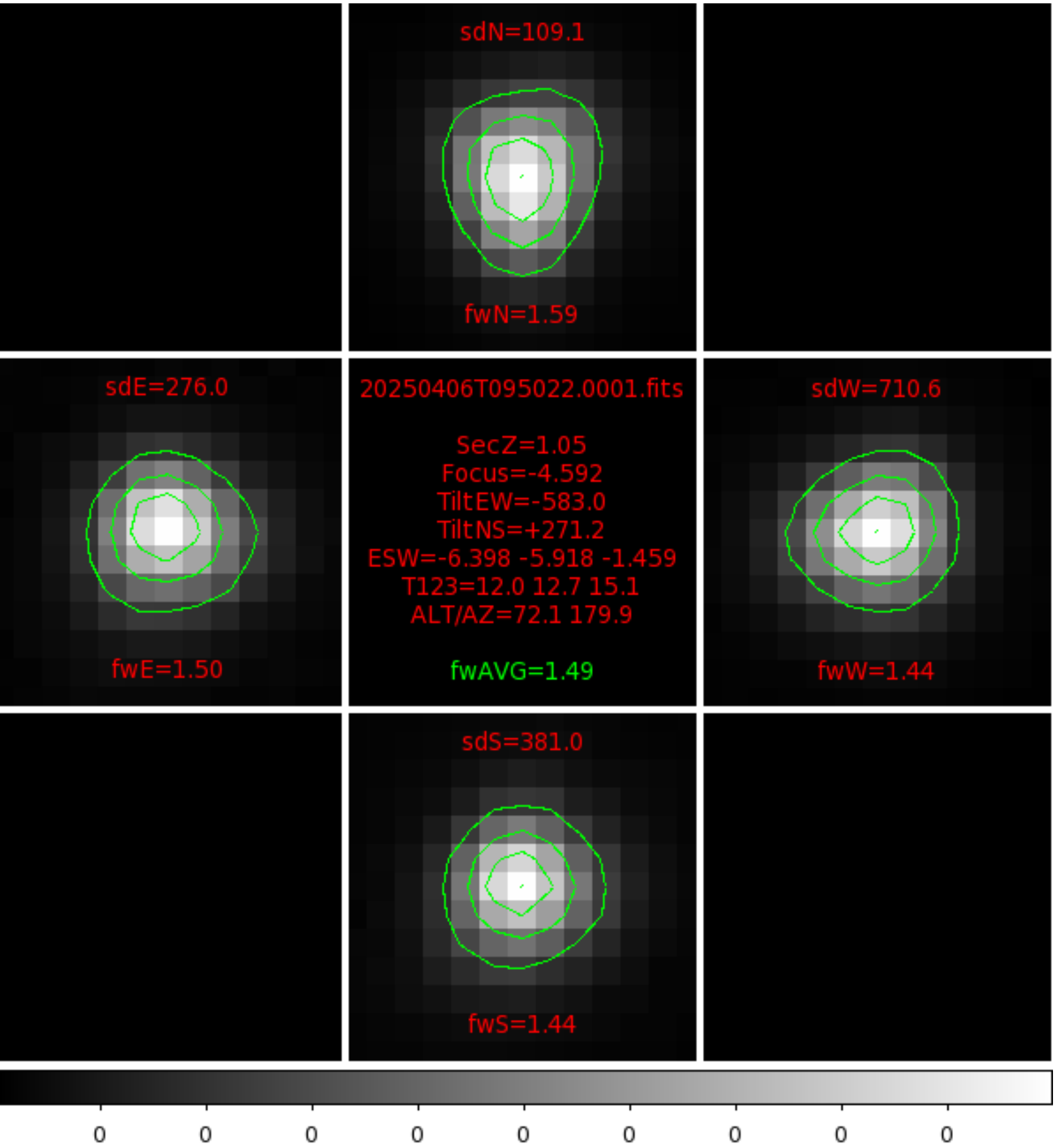
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T123=12.0 12.7 15.1
ALT/AZ=72.1 179.9
fwAVG=1.49
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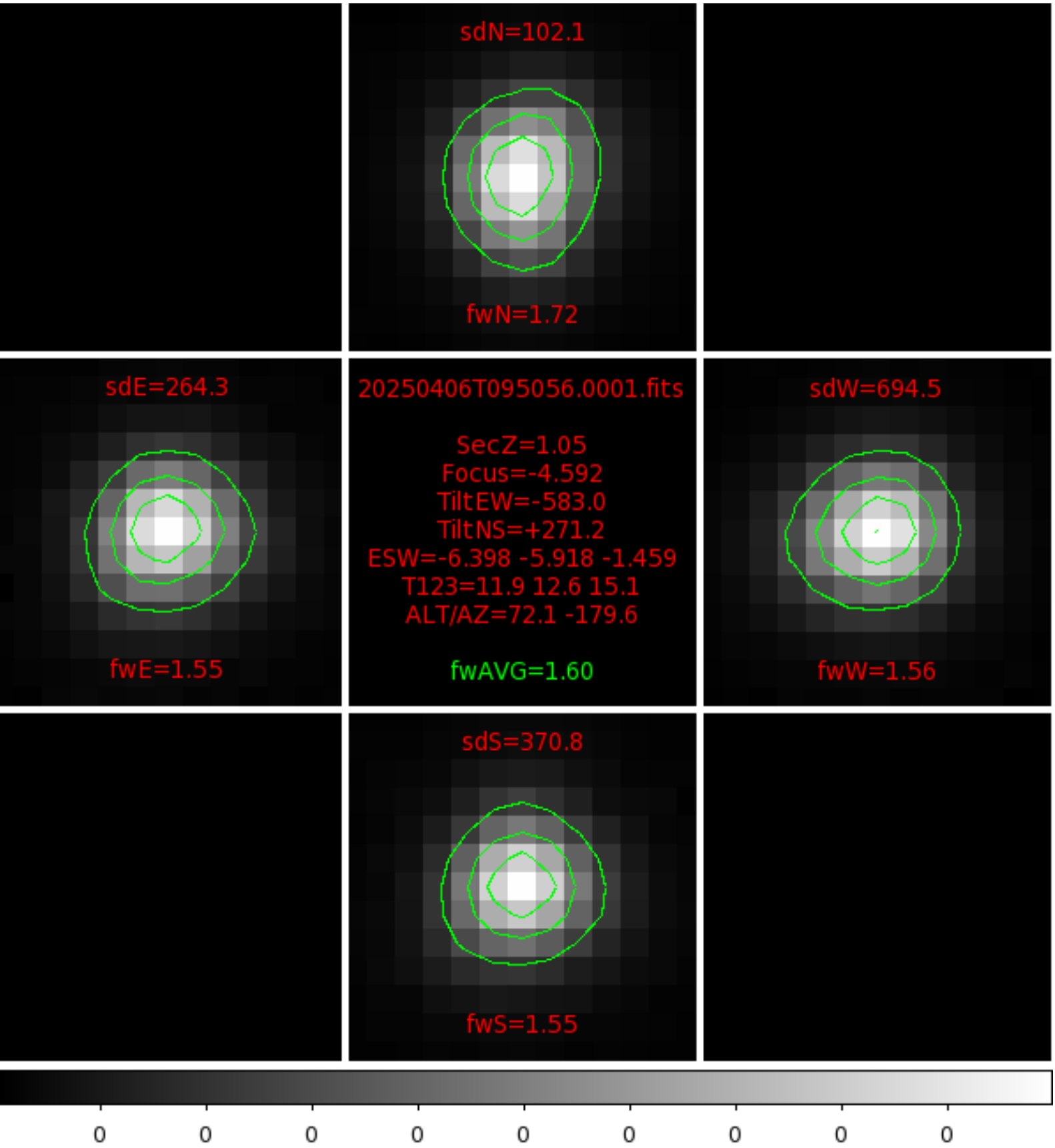
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ESW=-6.398 -5.918 -1.459
T123=11.9 12.6 15.1
ALT/AZ=72.1 -179.6
fwAVG=1.60
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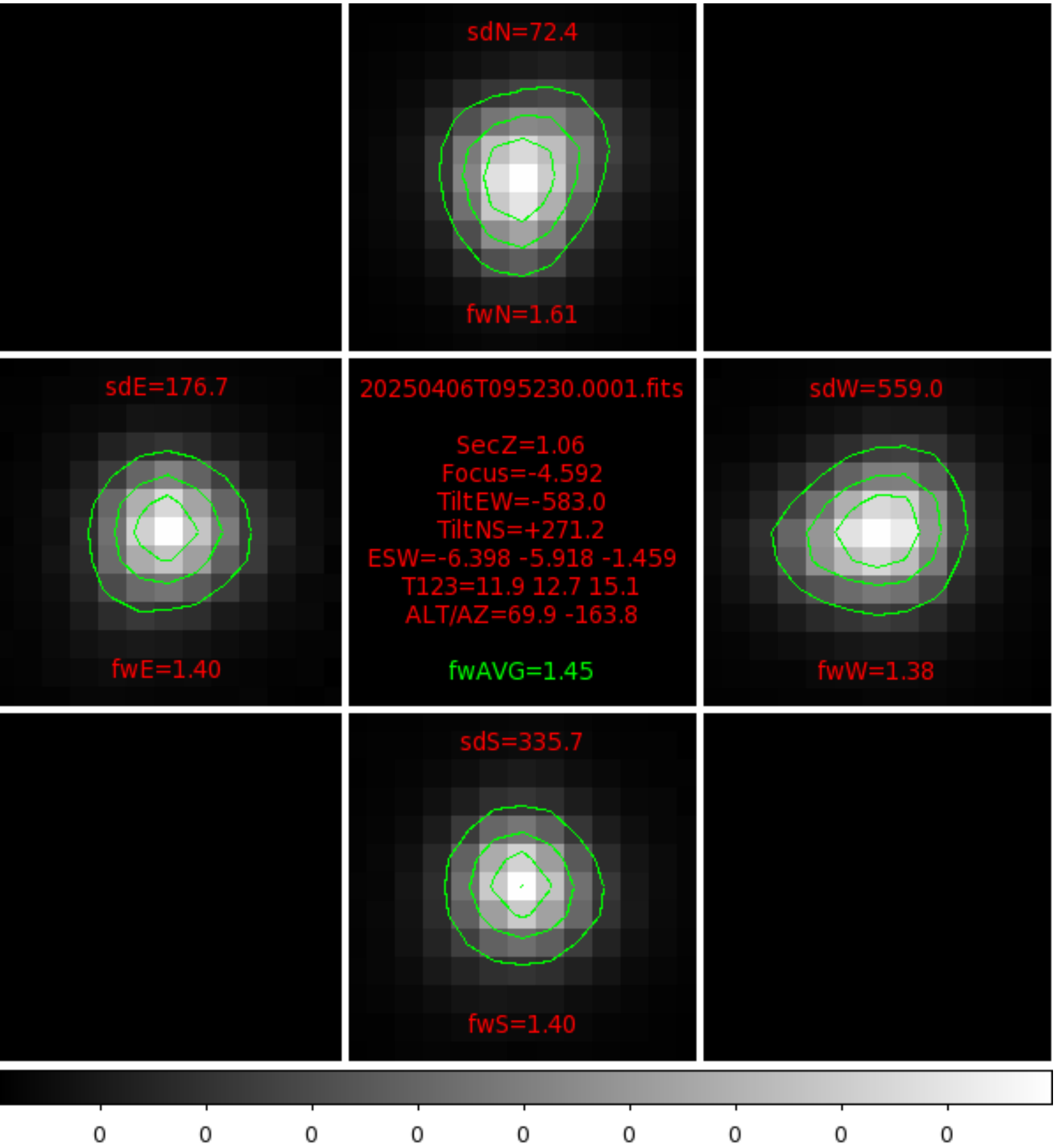
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TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=11.9 12.7 15.1
ALT/AZ=69.9 -163.8
fwAVG=1.45
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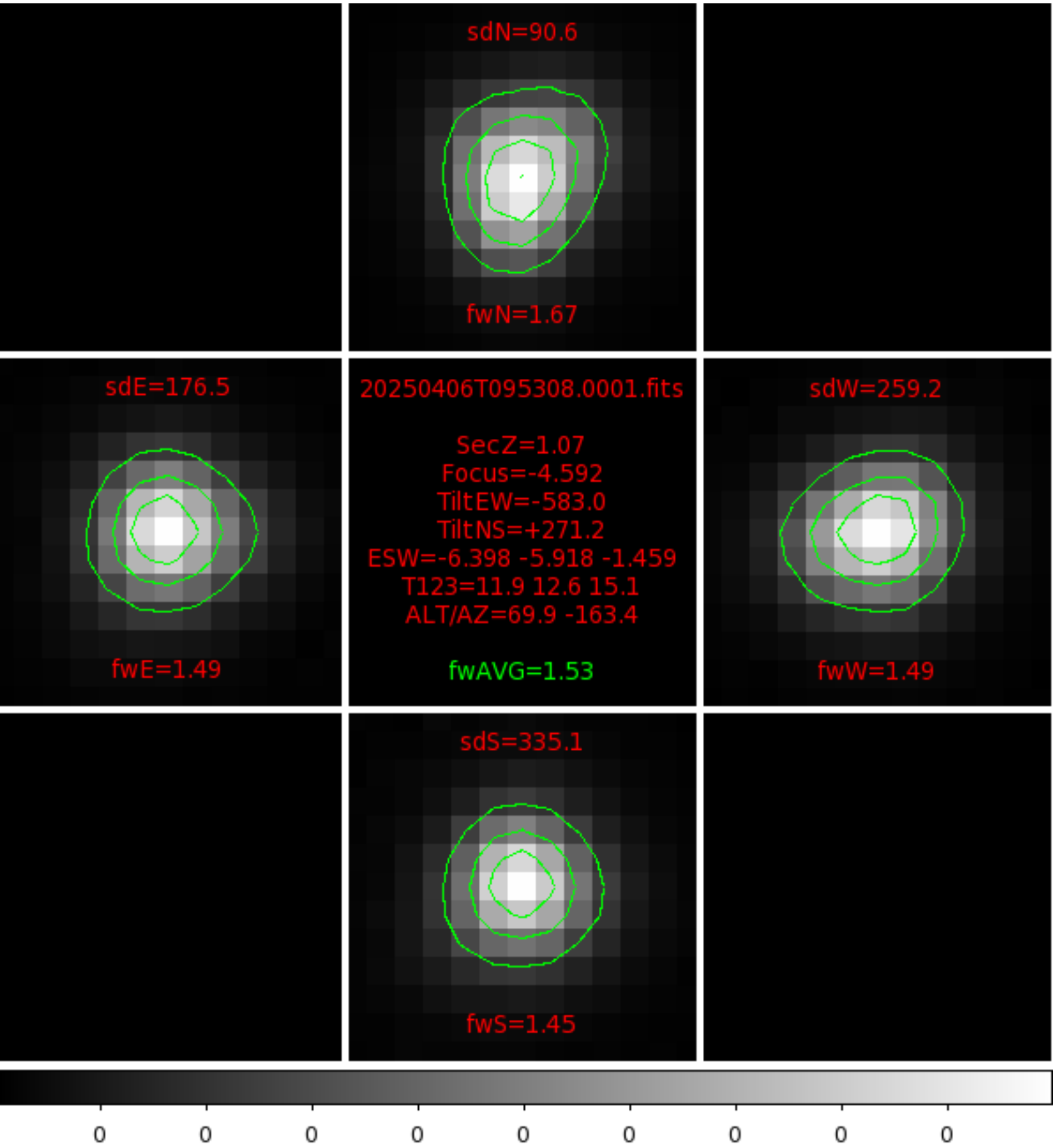
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sdE=176.5
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Focus=-4.592
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TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=11.9 12.6 15.1
ALT/AZ=69.9 -163.4
fwAVG=1.53
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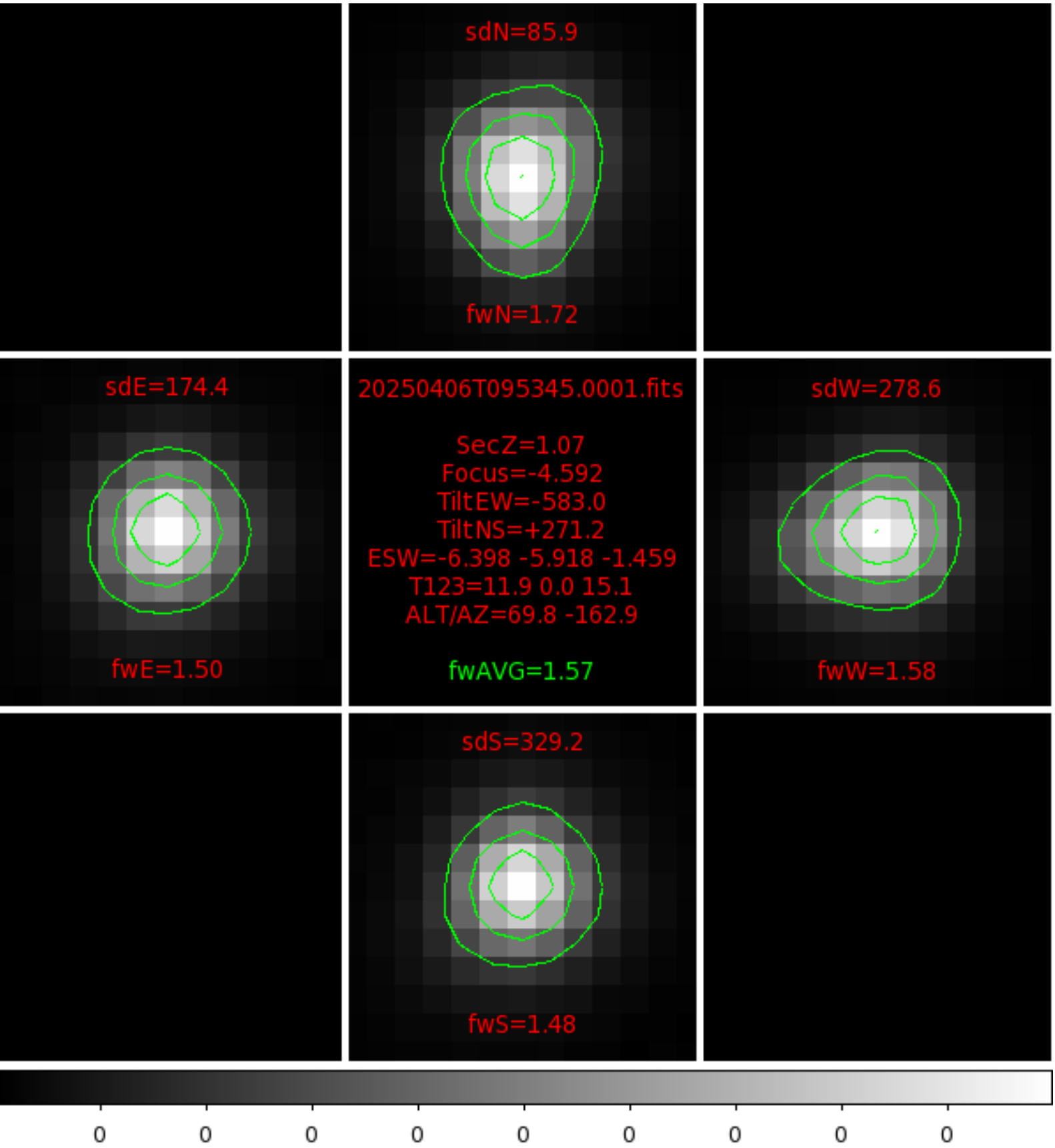
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Focus=-4.592
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TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=11.9 0.0 15.1
ALT/AZ=69.8 -162.9
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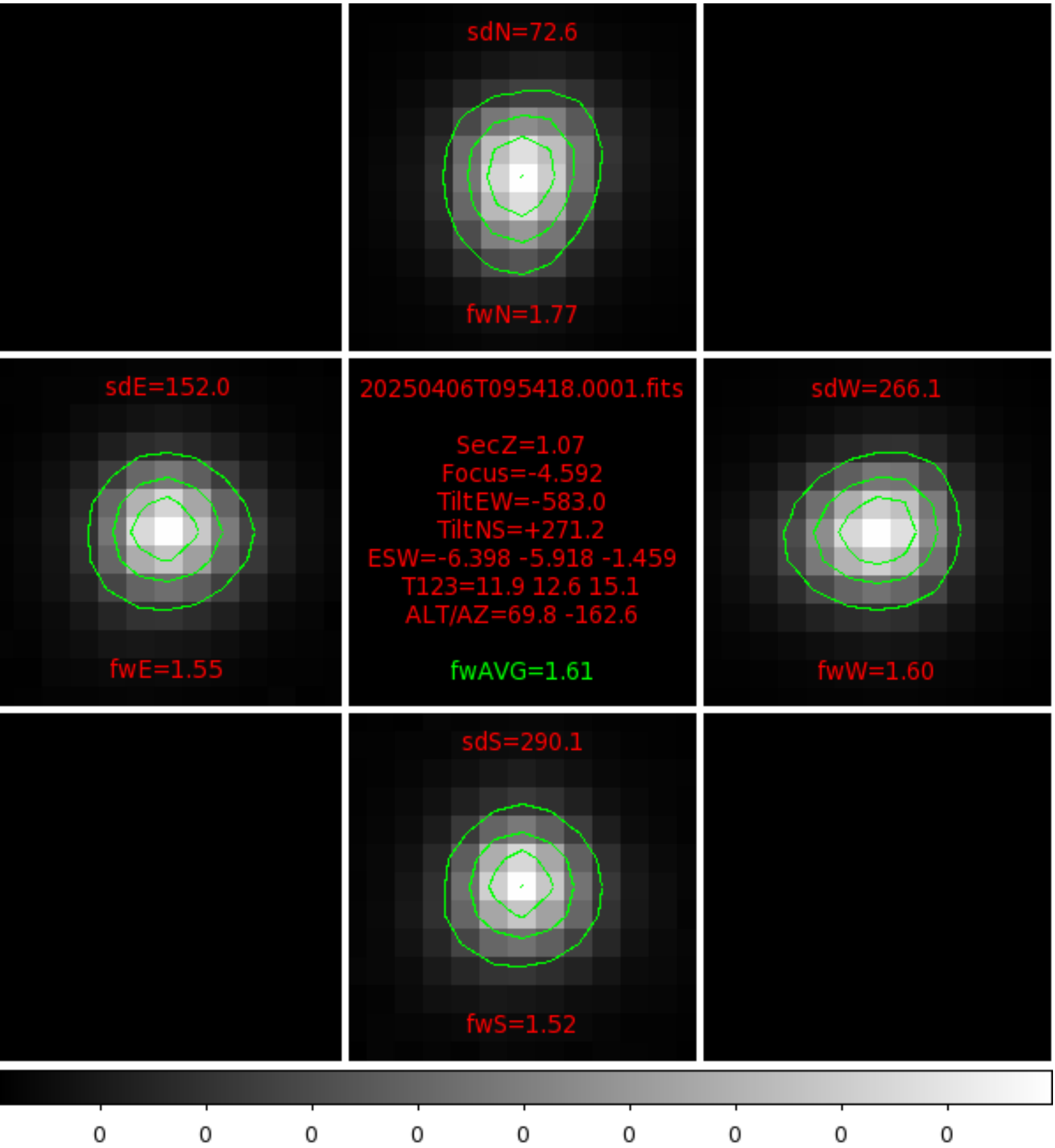
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SecZ=1.07
Focus=-4.592
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=11.9 12.6 15.1
ALT/AZ=69.8 -162.6
fwAVG=1.61
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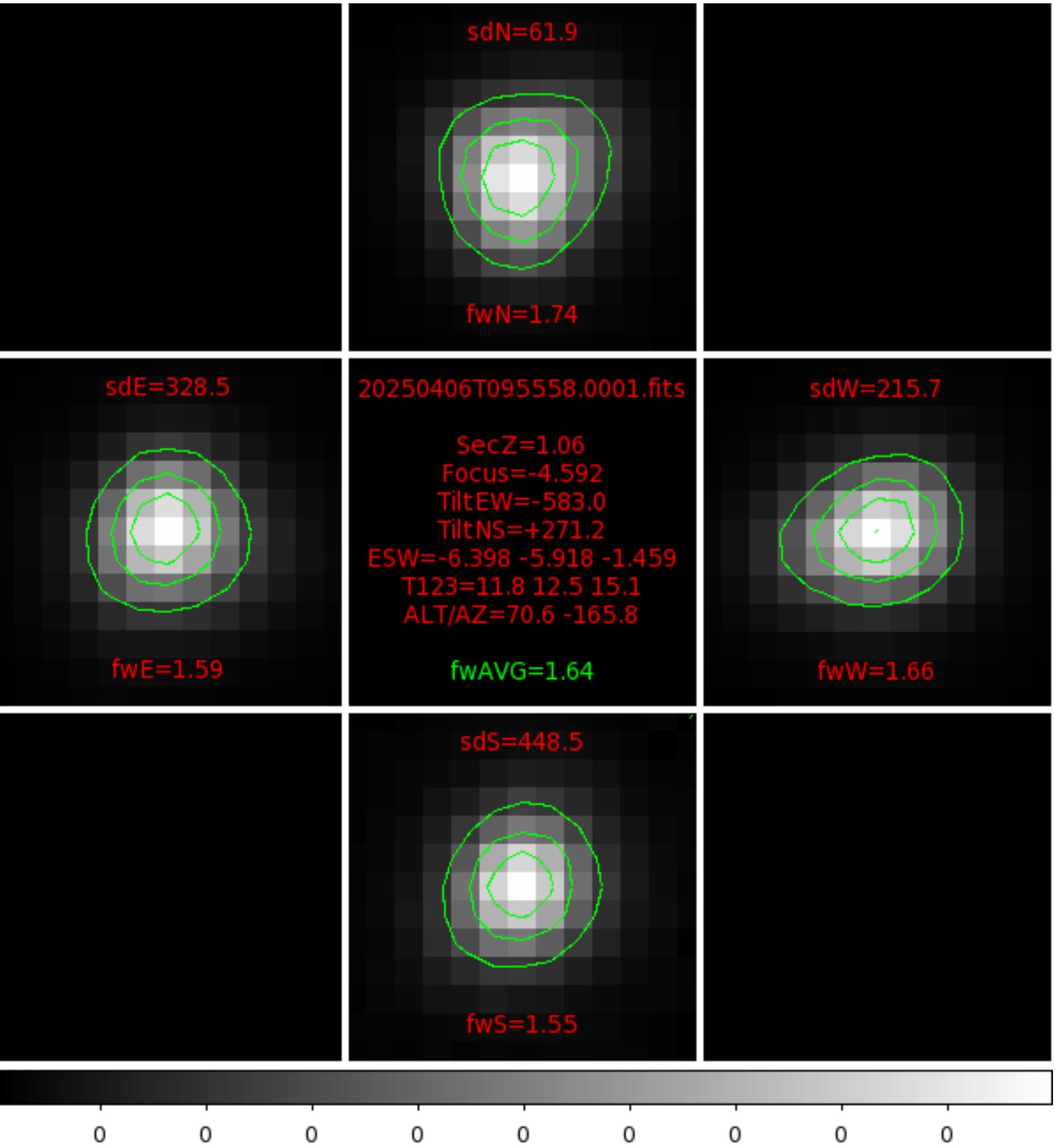
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fwE=1.59
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=11.8 12.5 15.1
ALT/AZ=70.6 -165.8
fwAVG=1.64
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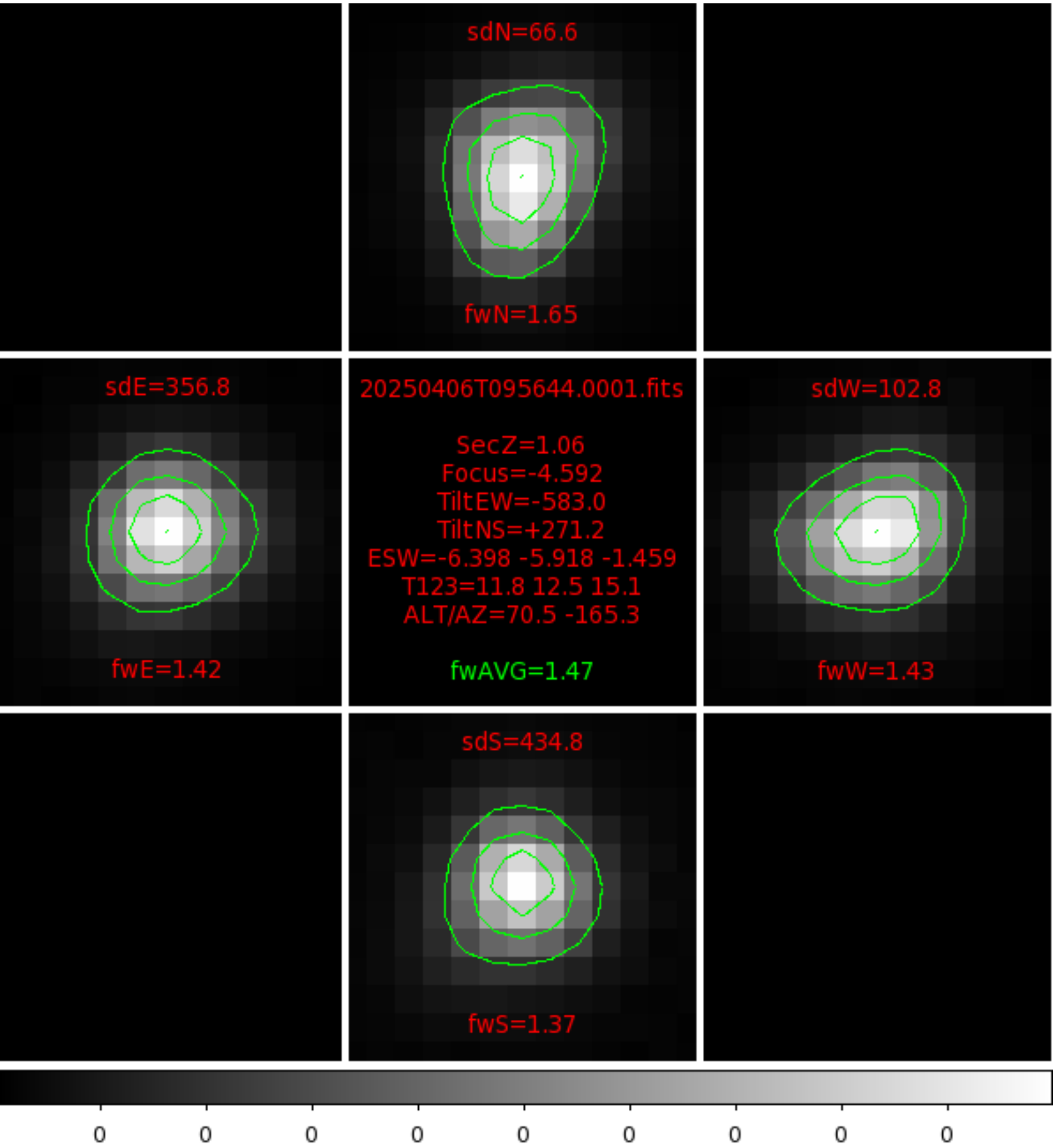
sdN=66.6
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SecZ=1.06
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=11.8 12.5 15.1
ALT/AZ=70.5 -165.3
fwAVG=1.47
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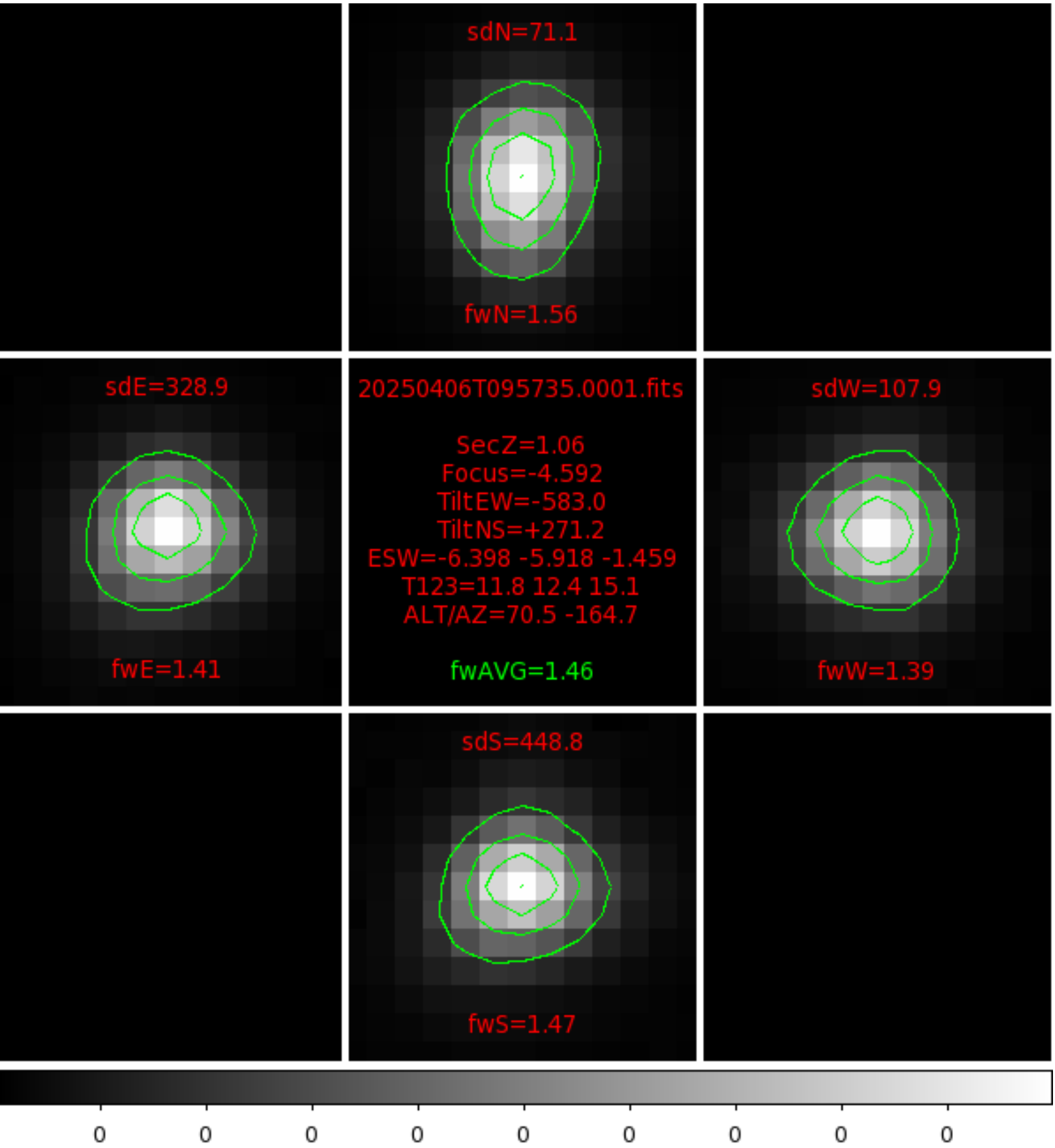
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SecZ=1.06
Focus=-4.592
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=11.8 12.4 15.1
ALT/AZ=70.5 -164.7
fwAVG=1.46
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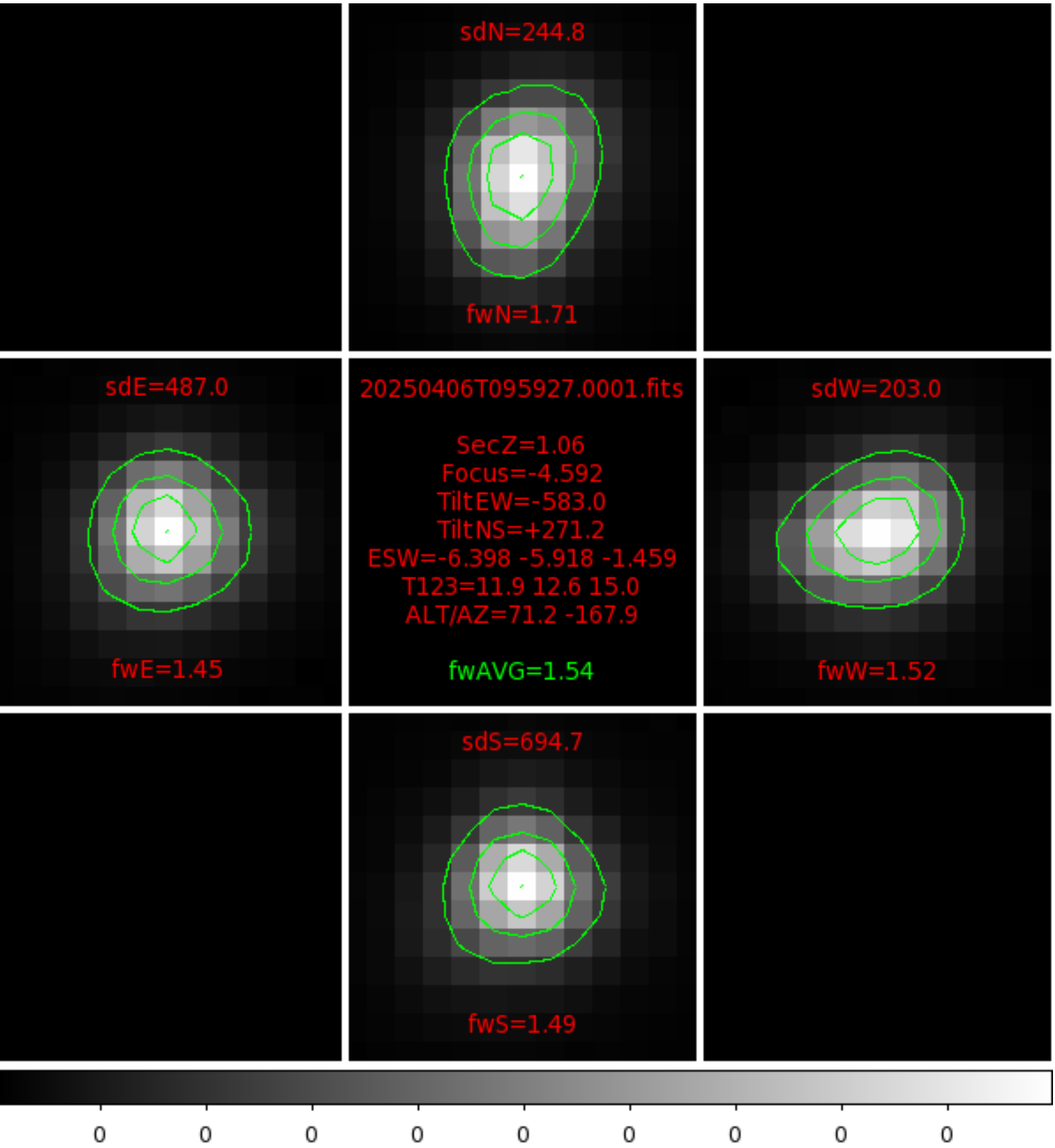
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SecZ=1.06
Focus=-4.592
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.398 -5.918 -1.459
T123=11.9 12.6 15.0
ALT/AZ=71.2 -167.9
fwAVG=1.54
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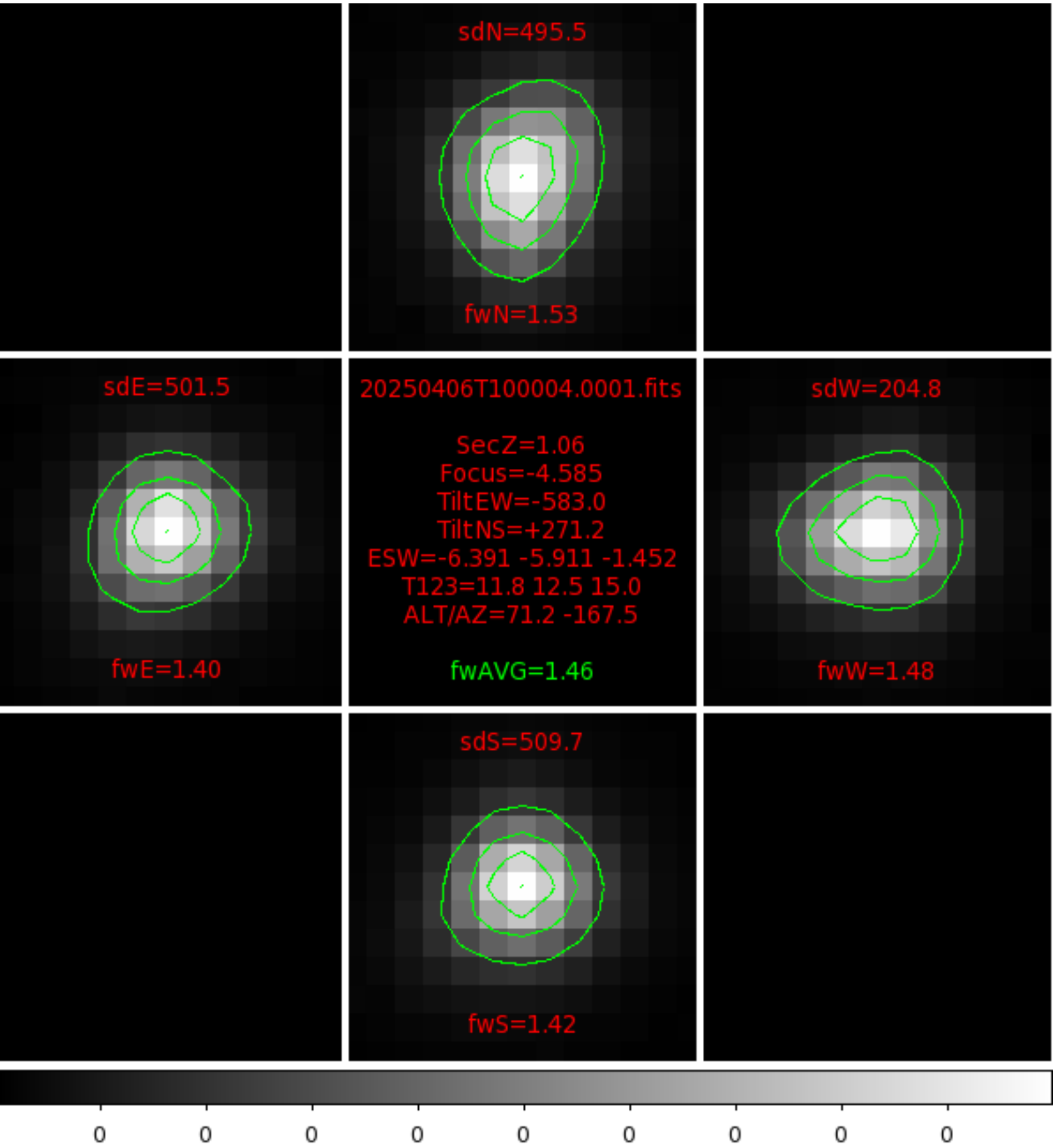
sdN=495.5
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TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.8 12.5 15.0
ALT/AZ=71.2 -167.5
fwAVG=1.46
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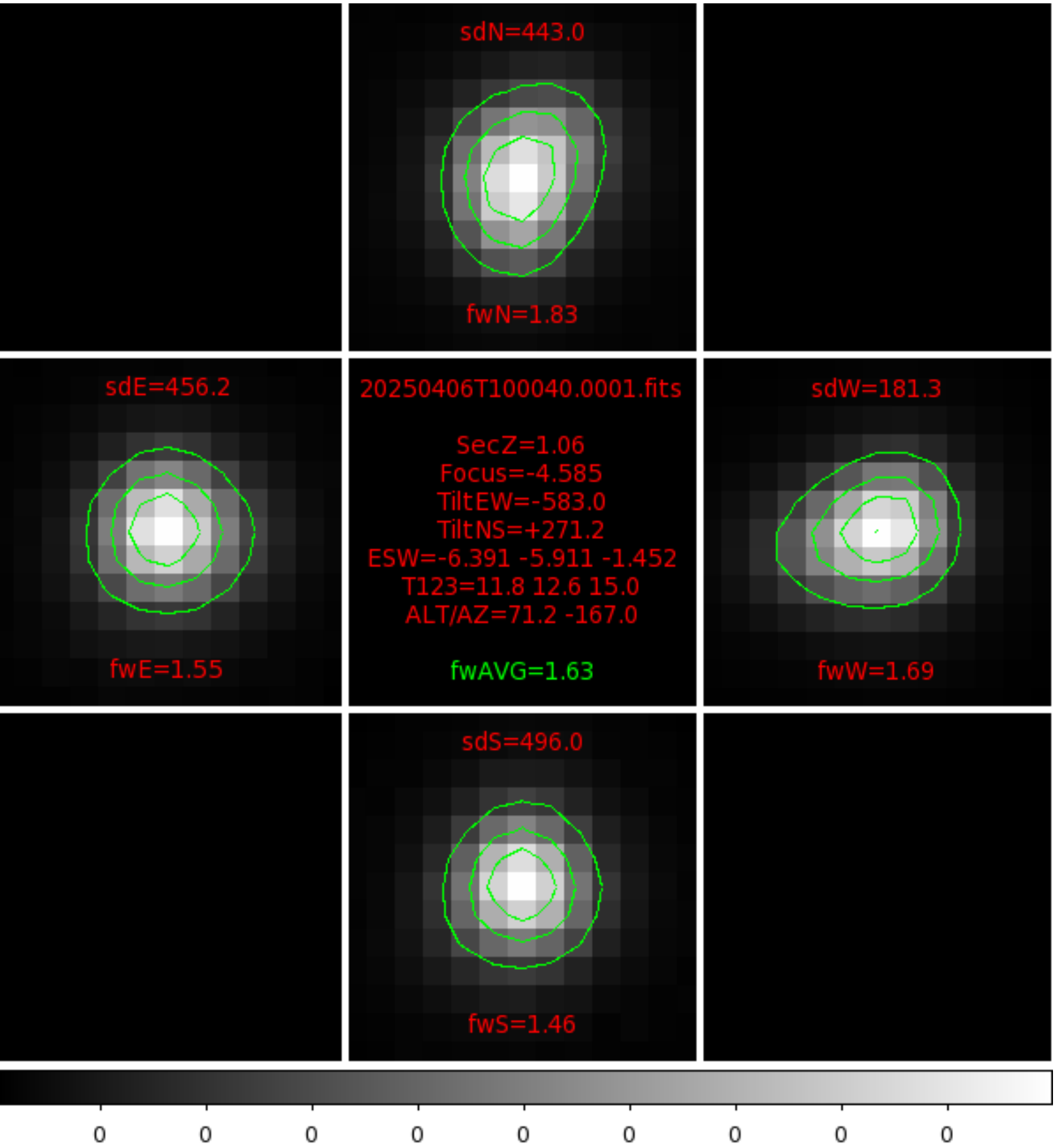
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ESW=-6.391 -5.911 -1.452
T123=11.8 12.6 15.0
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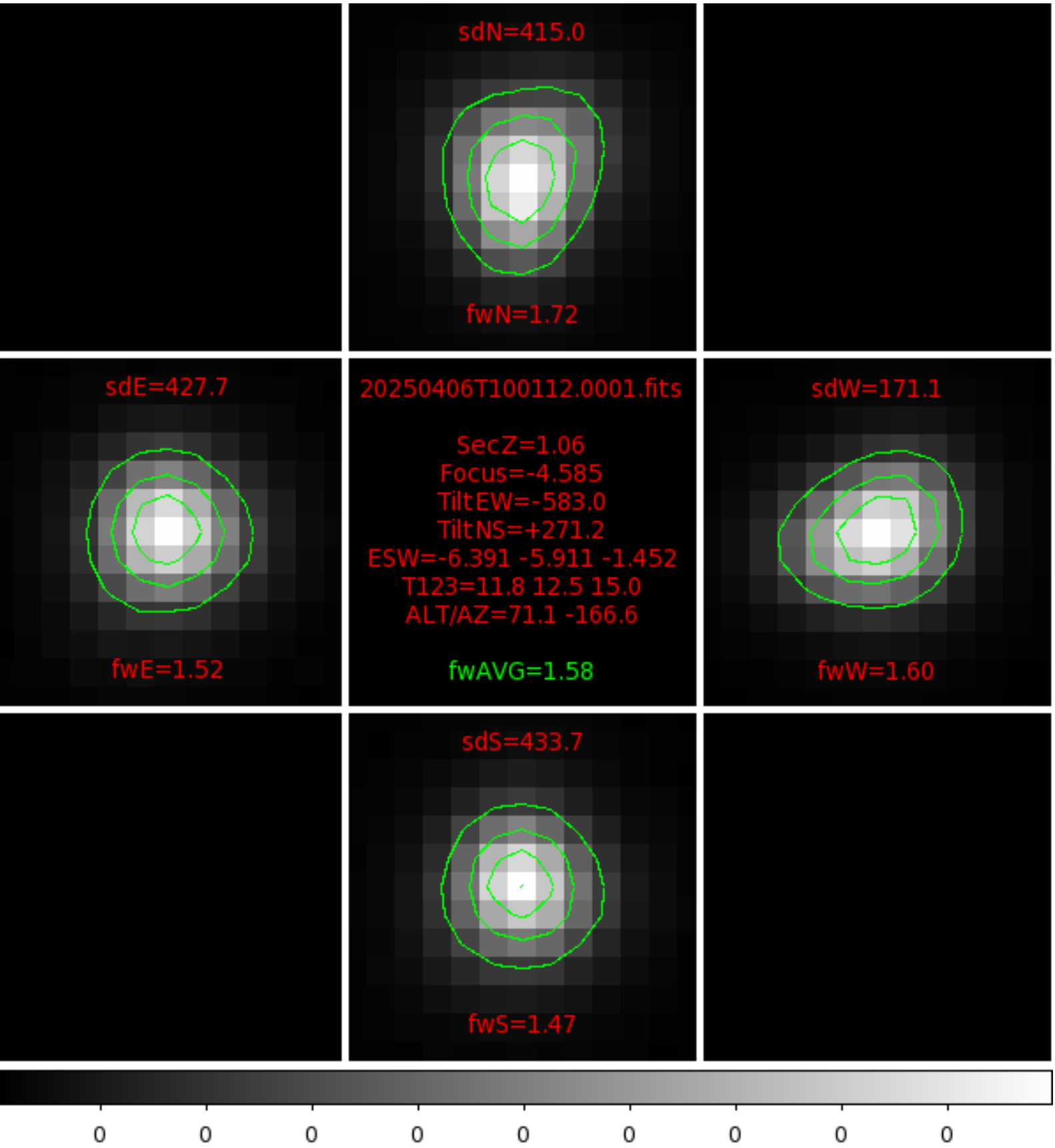
sdN=415.0
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SecZ=1.06
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.8 12.5 15.0
ALT/AZ=71.1 -166.6
fwAVG=1.58
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sdS=433.7
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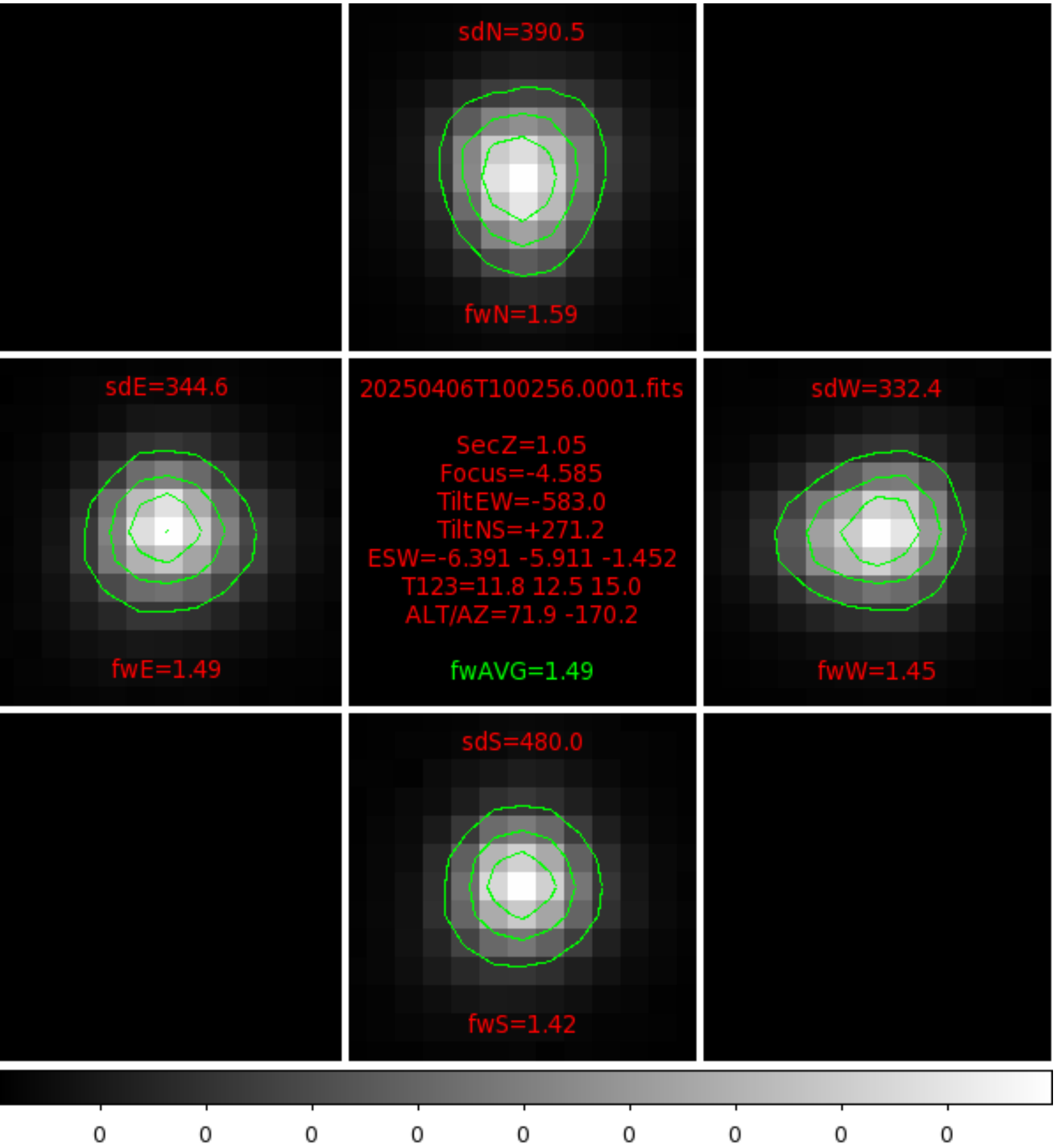
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sdE=344.6
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Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.8 12.5 15.0
ALT/AZ=71.9 -170.2
fwAVG=1.49
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sdS=480.0
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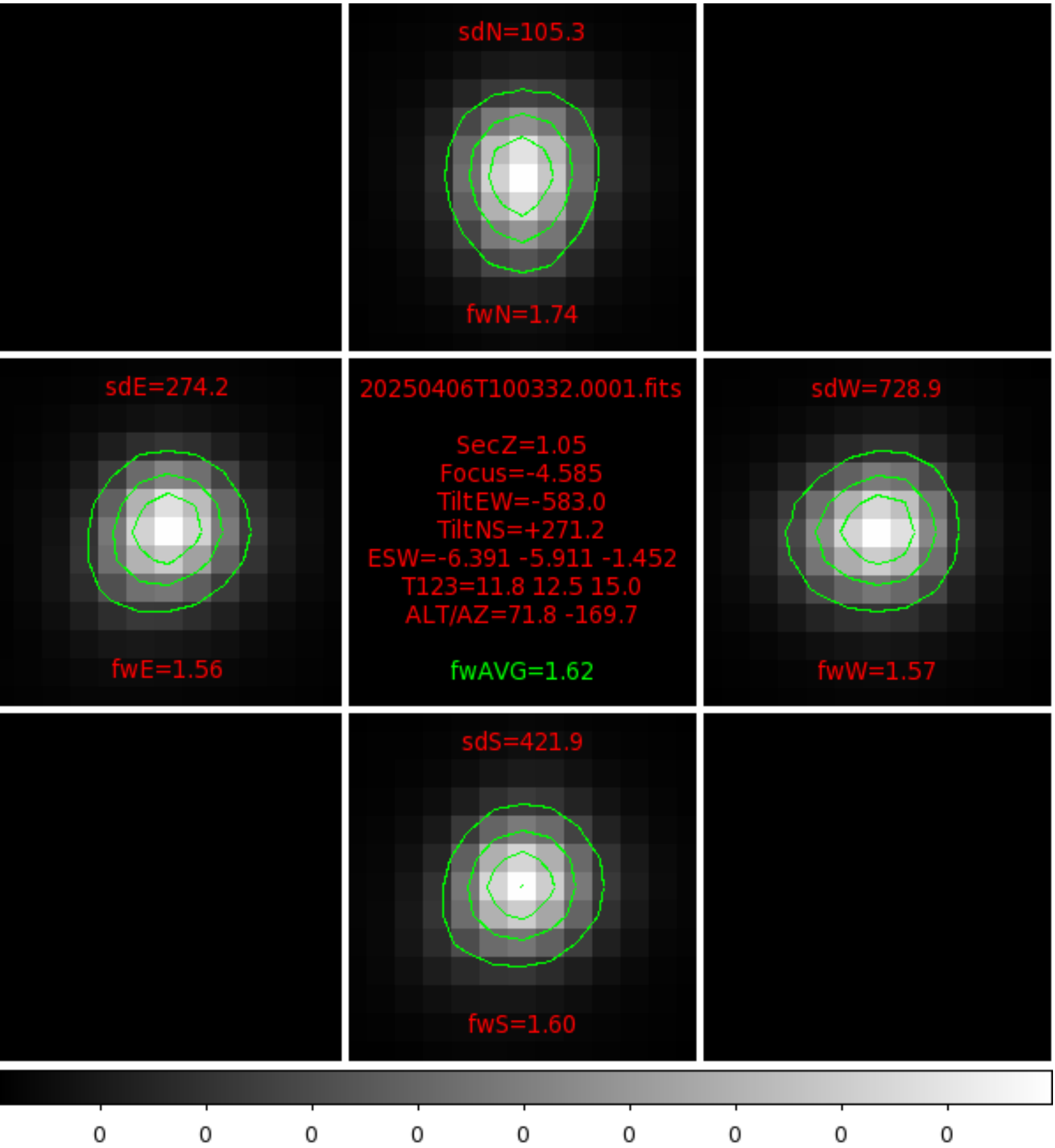
sdN=105.3
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TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.8 12.5 15.0
ALT/AZ=71.8 -169.7
fwAVG=1.62
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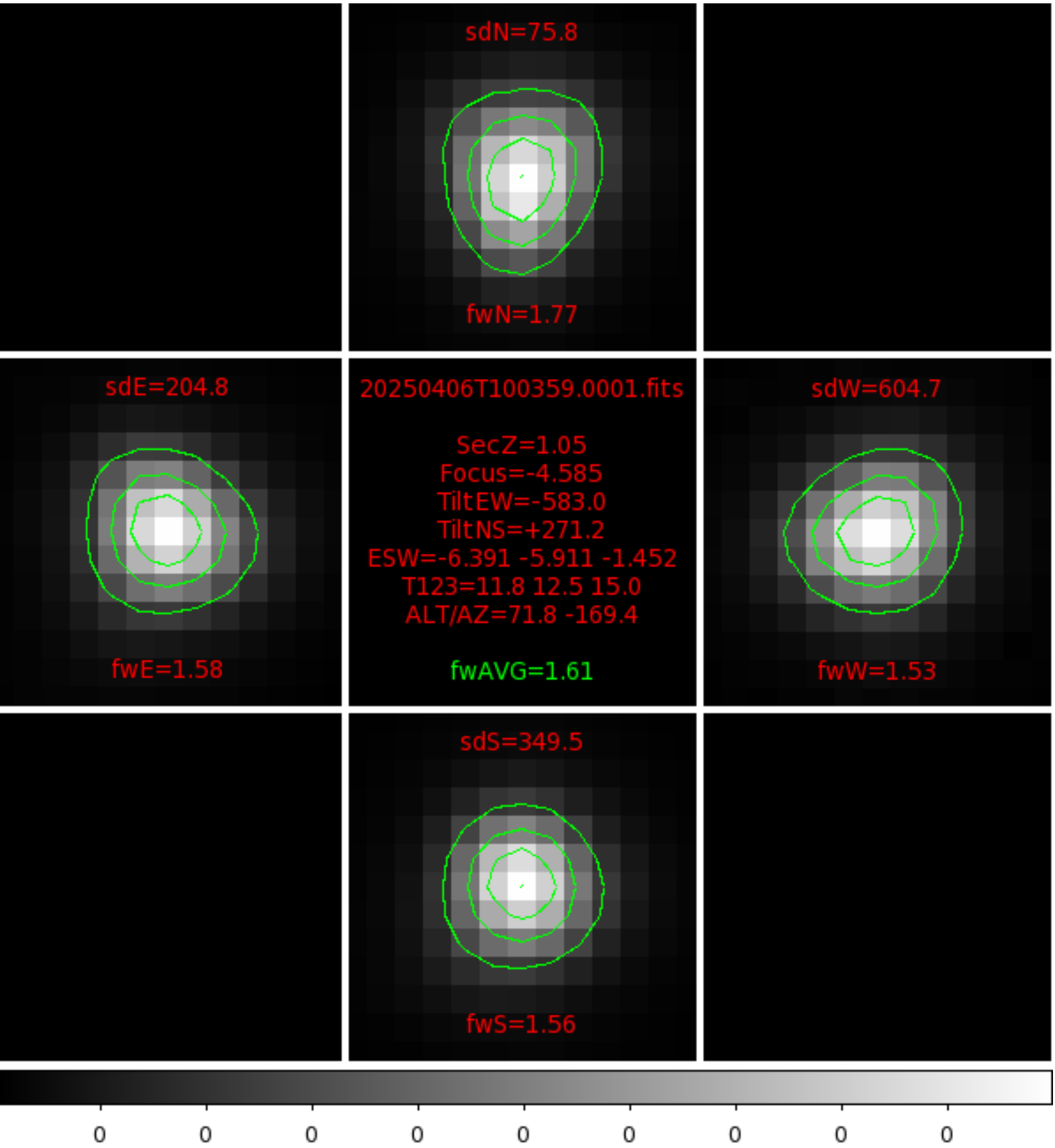
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SecZ=1.05
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.8 12.5 15.0
ALT/AZ=71.8 -169.4
fwAVG=1.61
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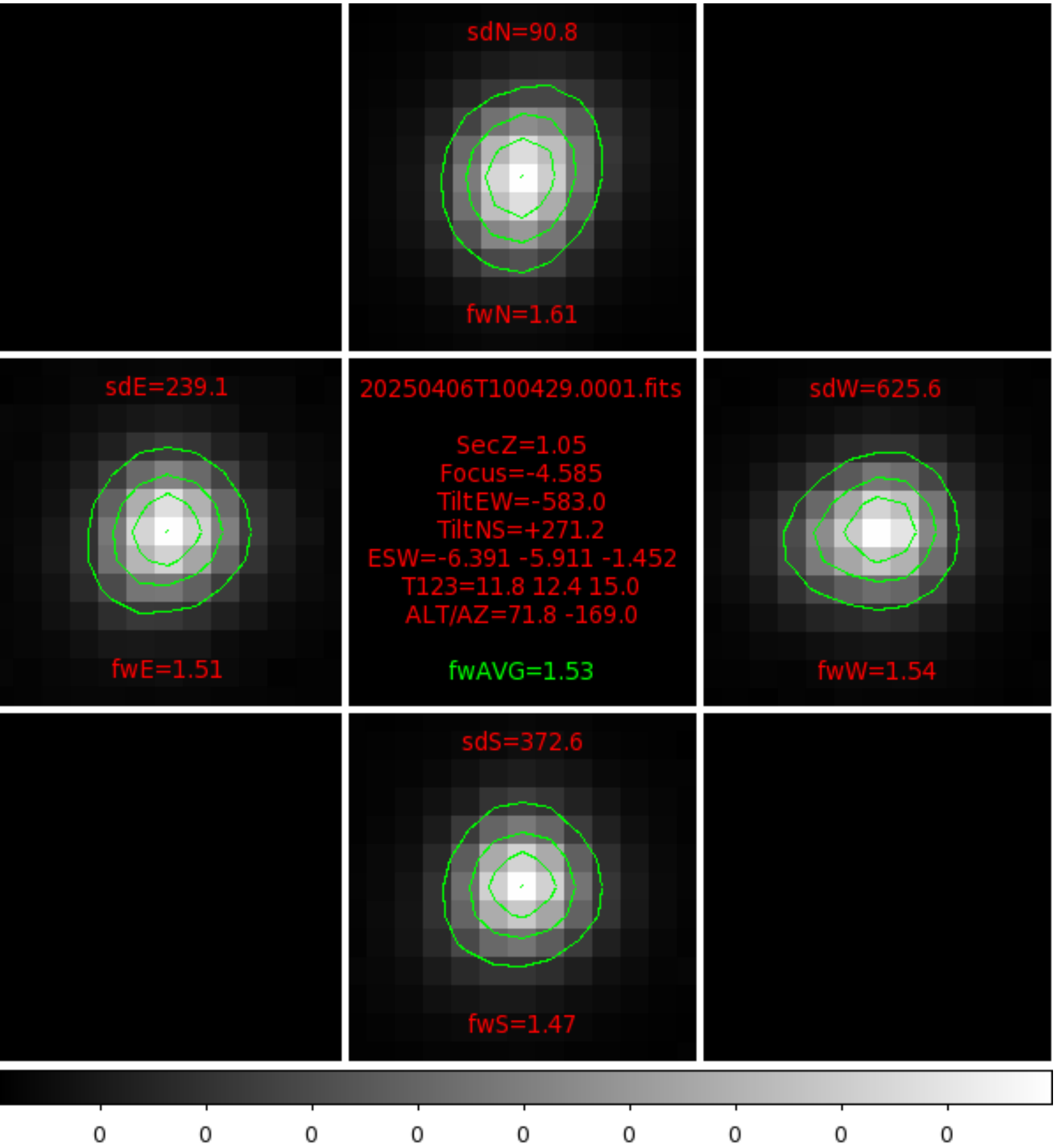
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SecZ=1.05
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.8 12.4 15.0
ALT/AZ=71.8 -169.0
fwAVG=1.53
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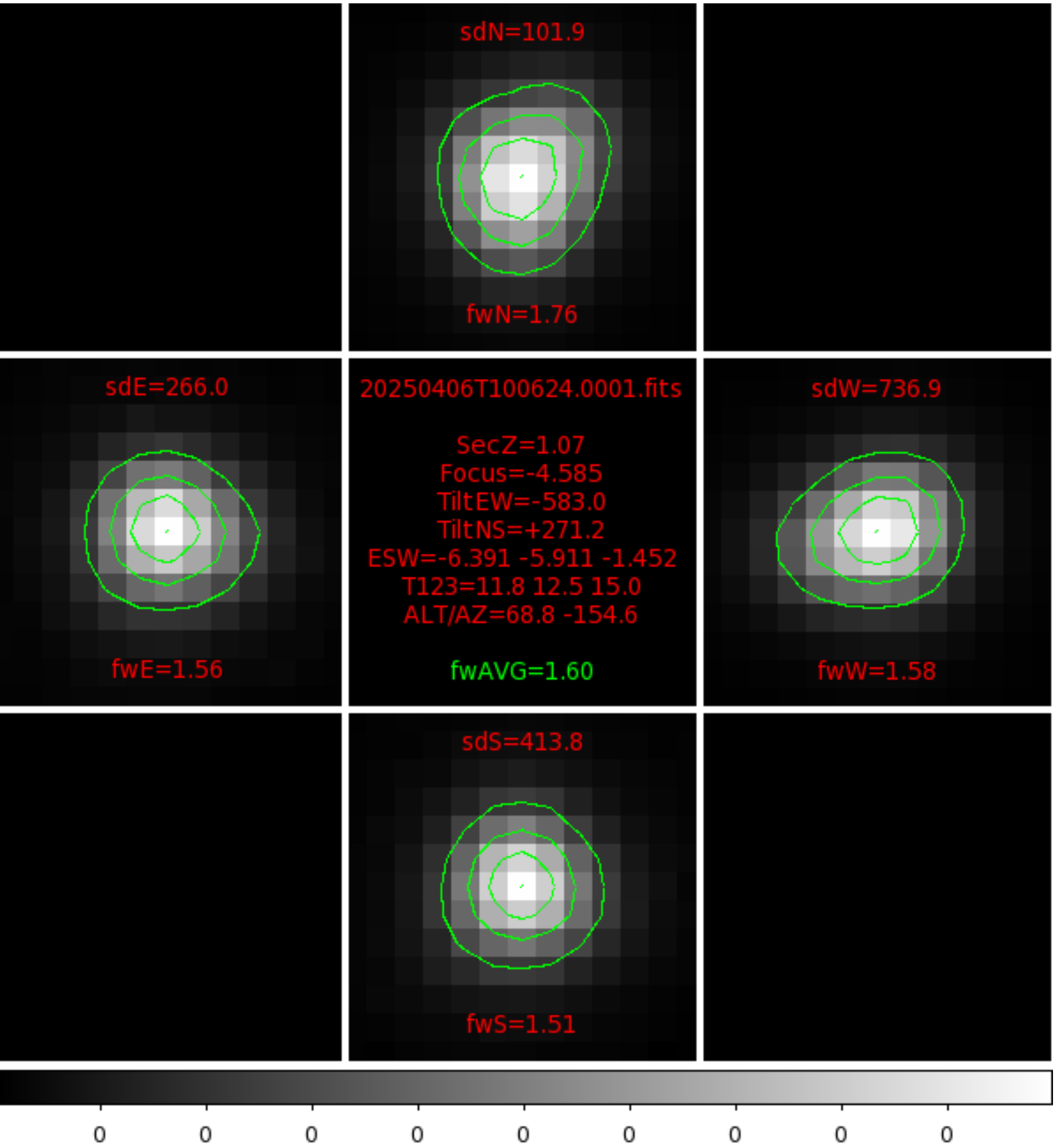
sdN=101.9
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sdE=266.0
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SecZ=1.07
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.8 12.5 15.0
ALT/AZ=68.8 -154.6
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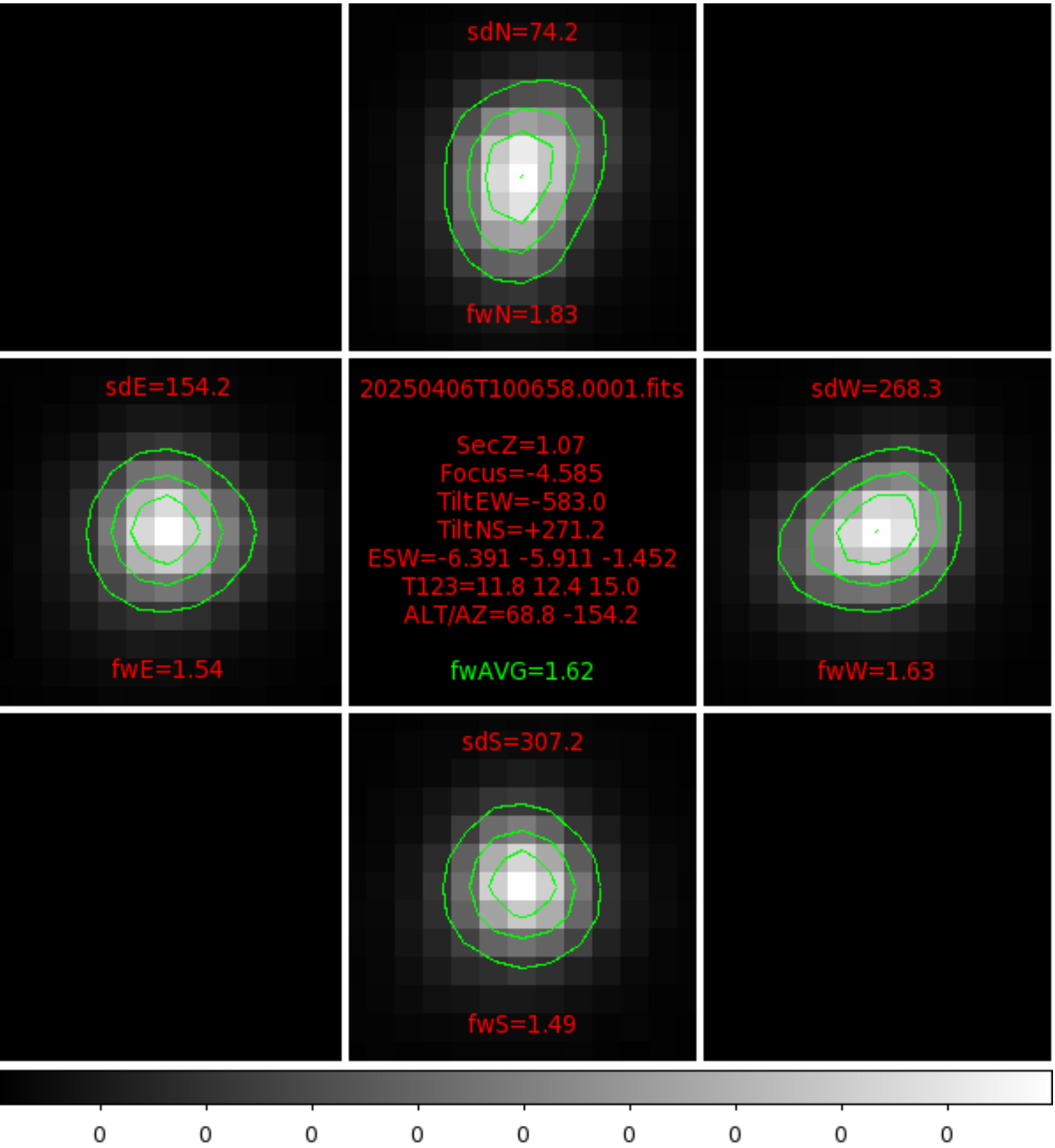
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SecZ=1.07
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.8 12.4 15.0
ALT/AZ=68.8 -154.2
fwAVG=1.62
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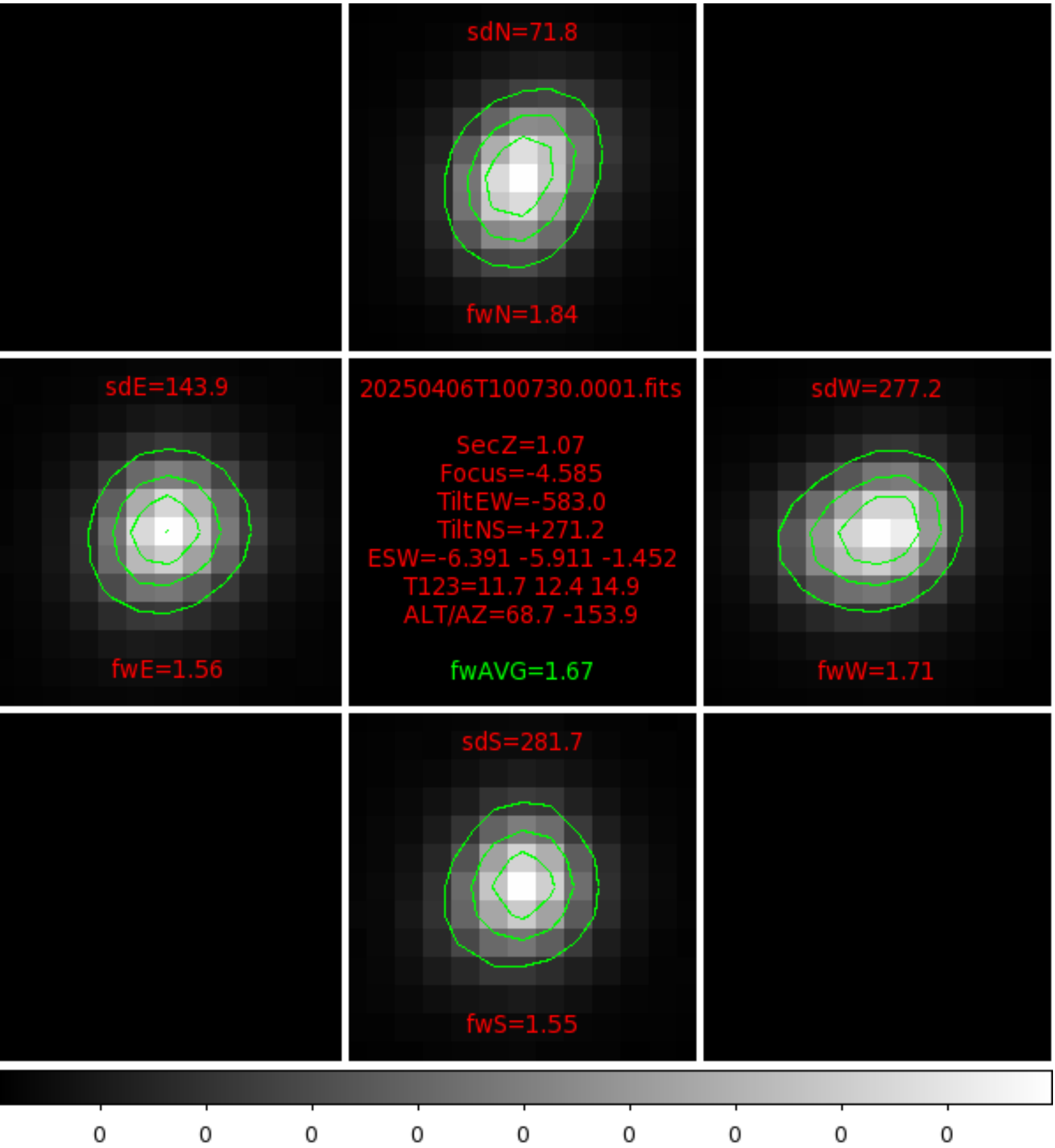
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SecZ=1.07
Focus=-4.585
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TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.7 12.4 14.9
ALT/AZ=68.7 -153.9
fwAVG=1.67
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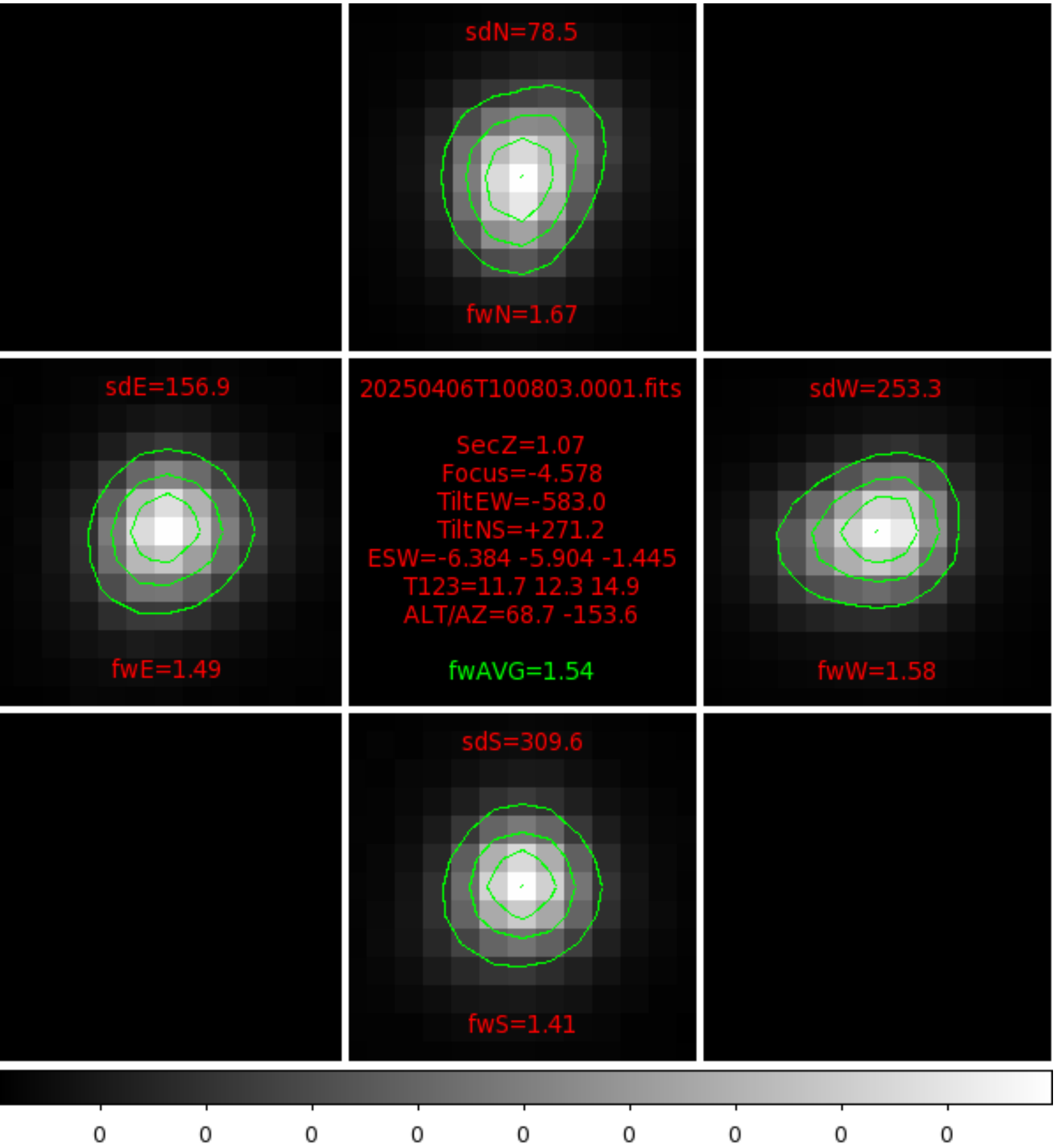
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sdE=156.9
fwE=1.49
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SecZ=1.07
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.7 12.3 14.9
ALT/AZ=68.7 -153.6
fwAVG=1.54
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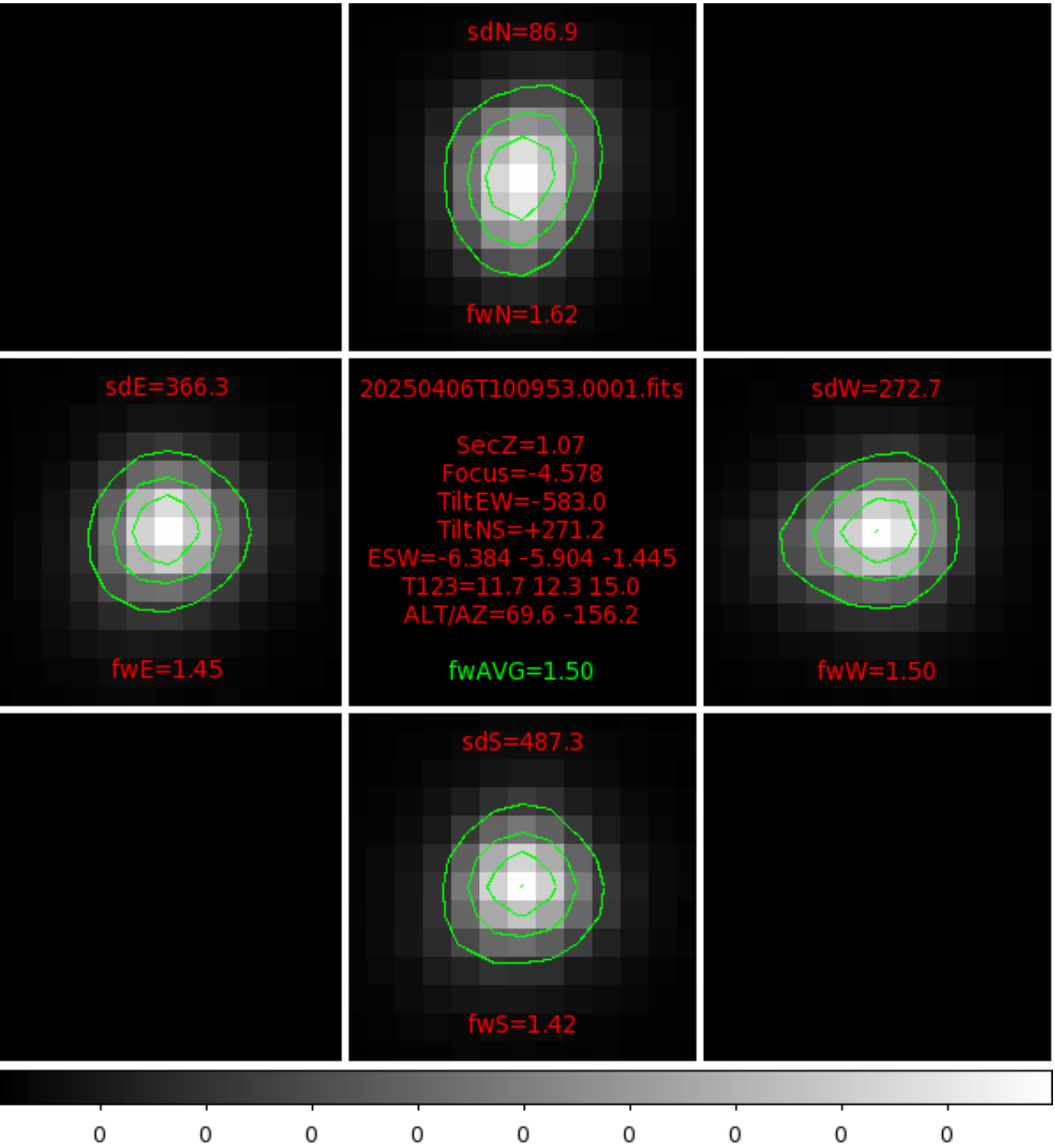
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TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.7 12.3 15.0
ALT/AZ=69.6 -156.2
fwAVG=1.50
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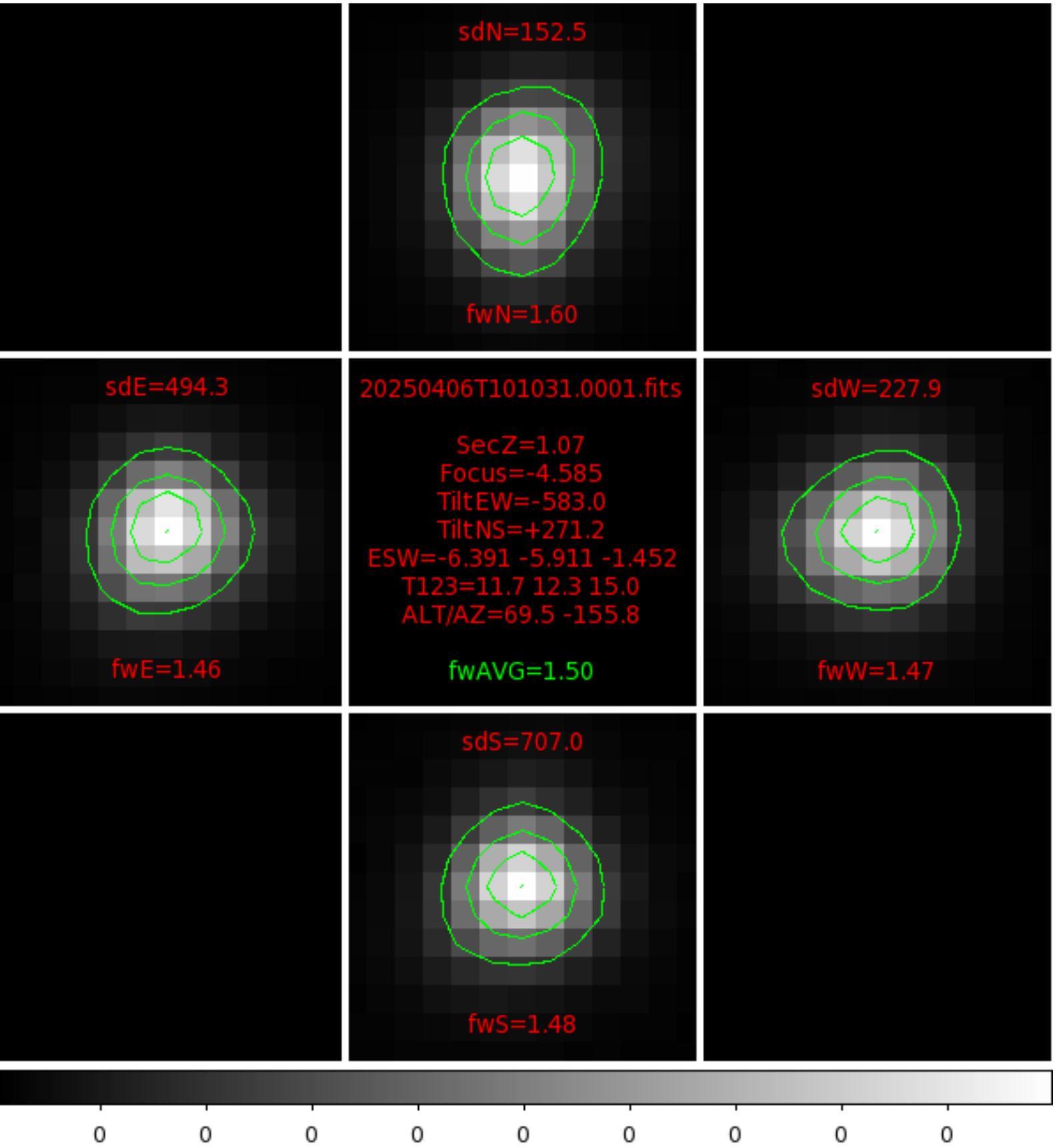
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sdE=494.3
fwE=1.46
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SecZ=1.07
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.7 12.3 15.0
ALT/AZ=69.5 -155.8
fwAVG=1.50
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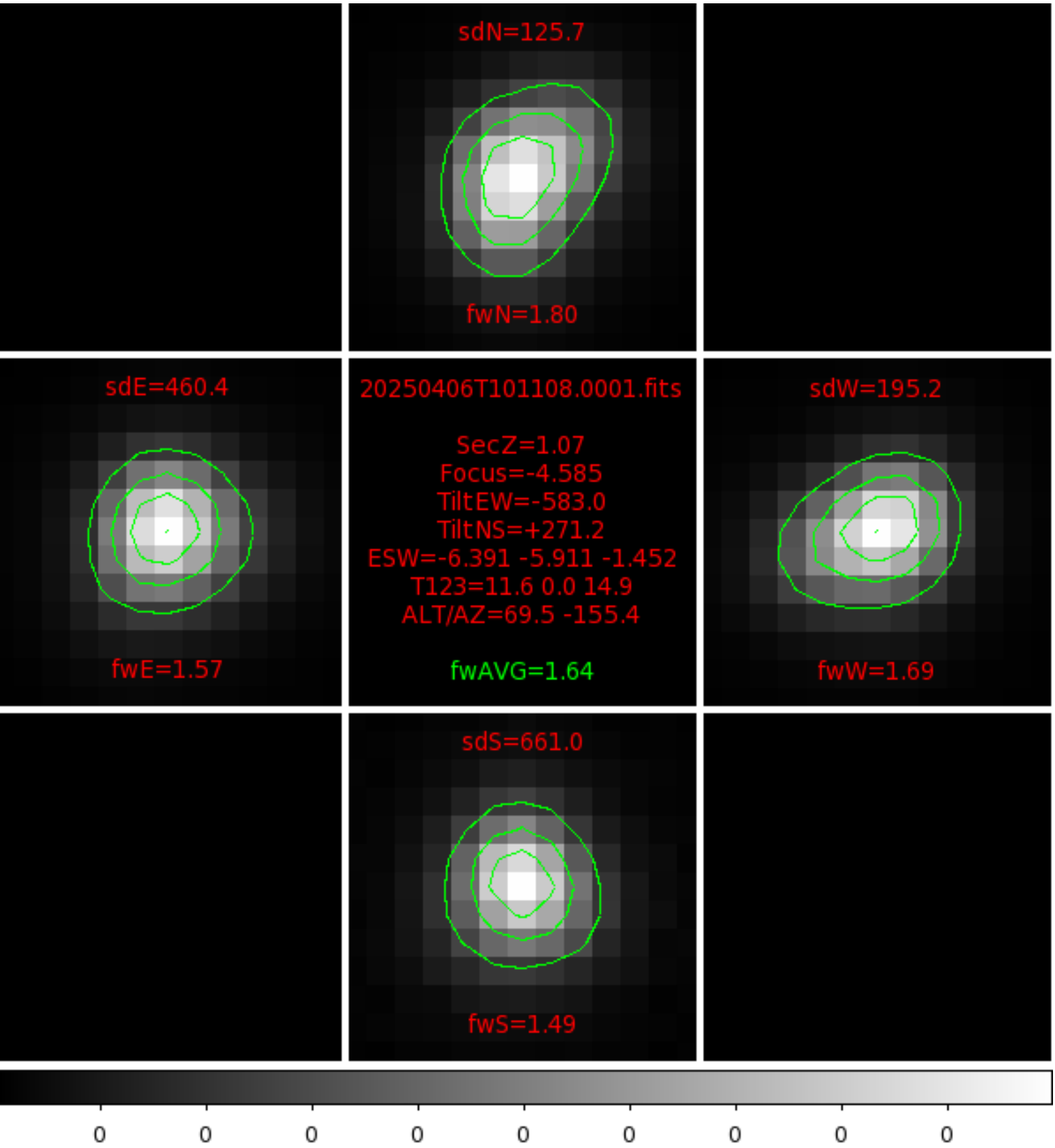
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fwN=1.80
sdE=460.4
fwE=1.57
20250406T101108.0001.fits
SecZ=1.07
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.6 0.0 14.9
ALT/AZ=69.5 -155.4
fwAVG=1.64
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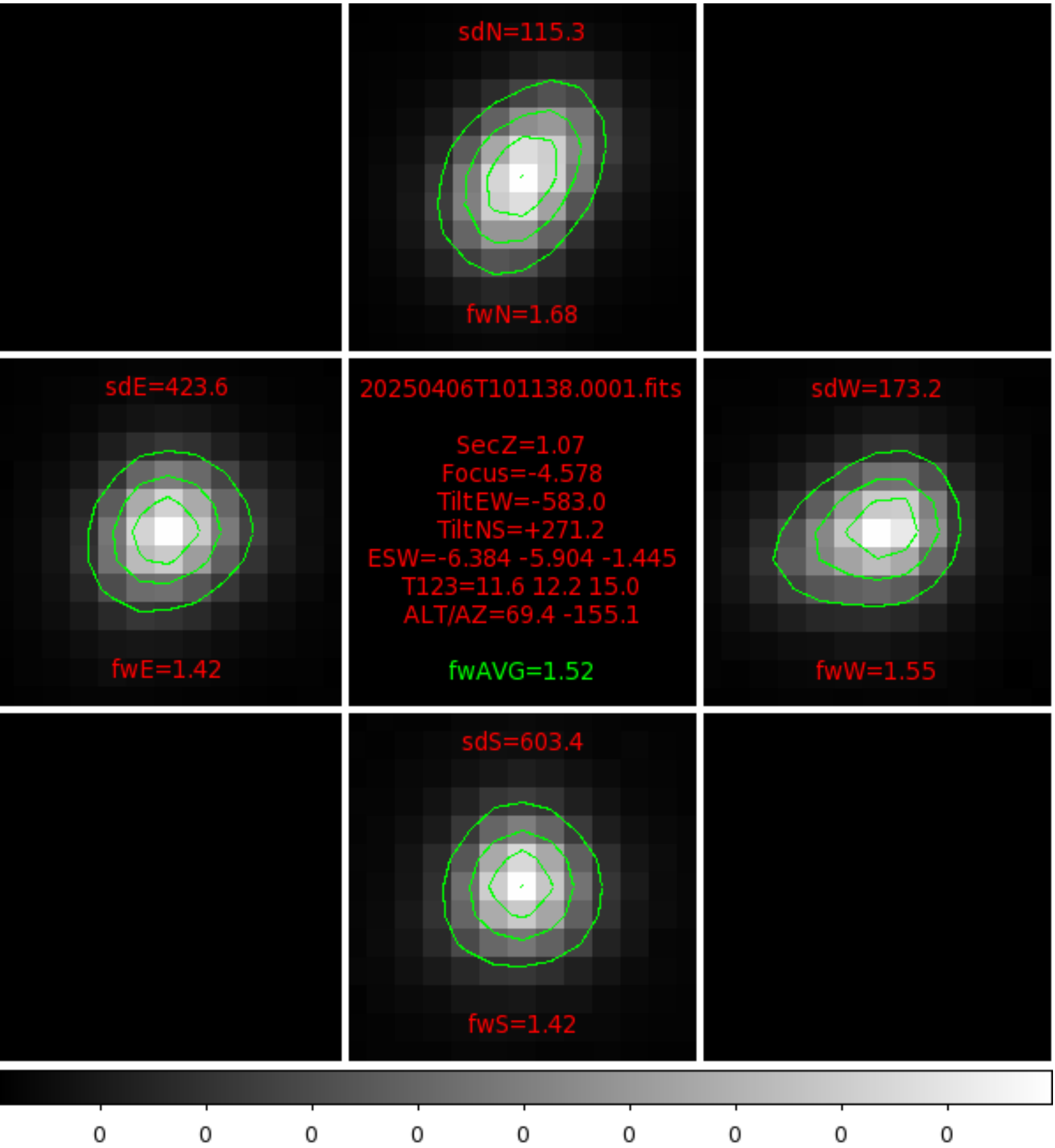
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SecZ=1.07
Focus=-4.578
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TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.6 12.2 15.0
ALT/AZ=69.4 -155.1
fwAVG=1.52
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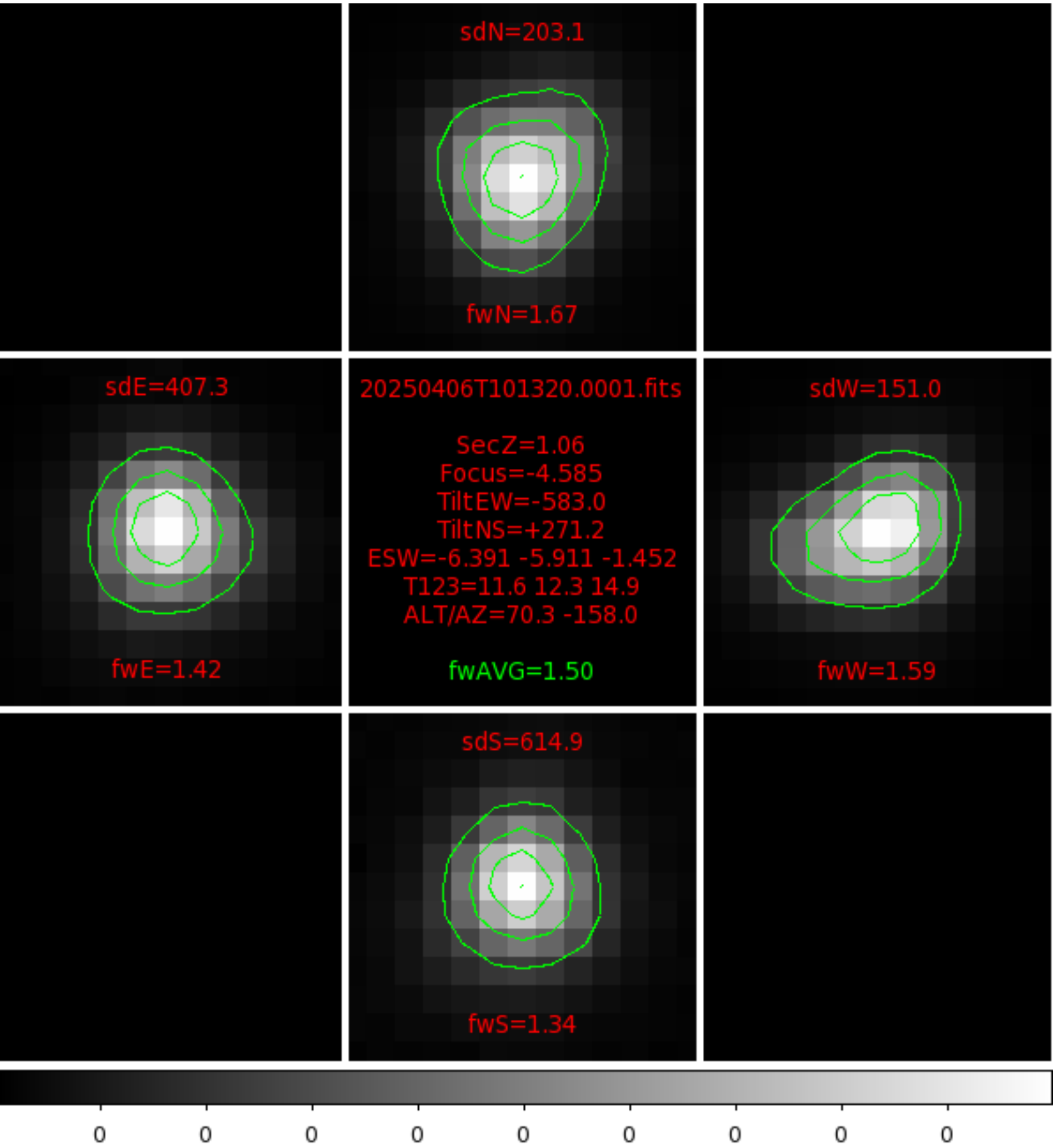
sdN=203.1
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sdE=407.3
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SecZ=1.06
Focus=-4.585
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.391 -5.911 -1.452
T123=11.6 12.3 14.9
ALT/AZ=70.3 -158.0
fwAVG=1.50
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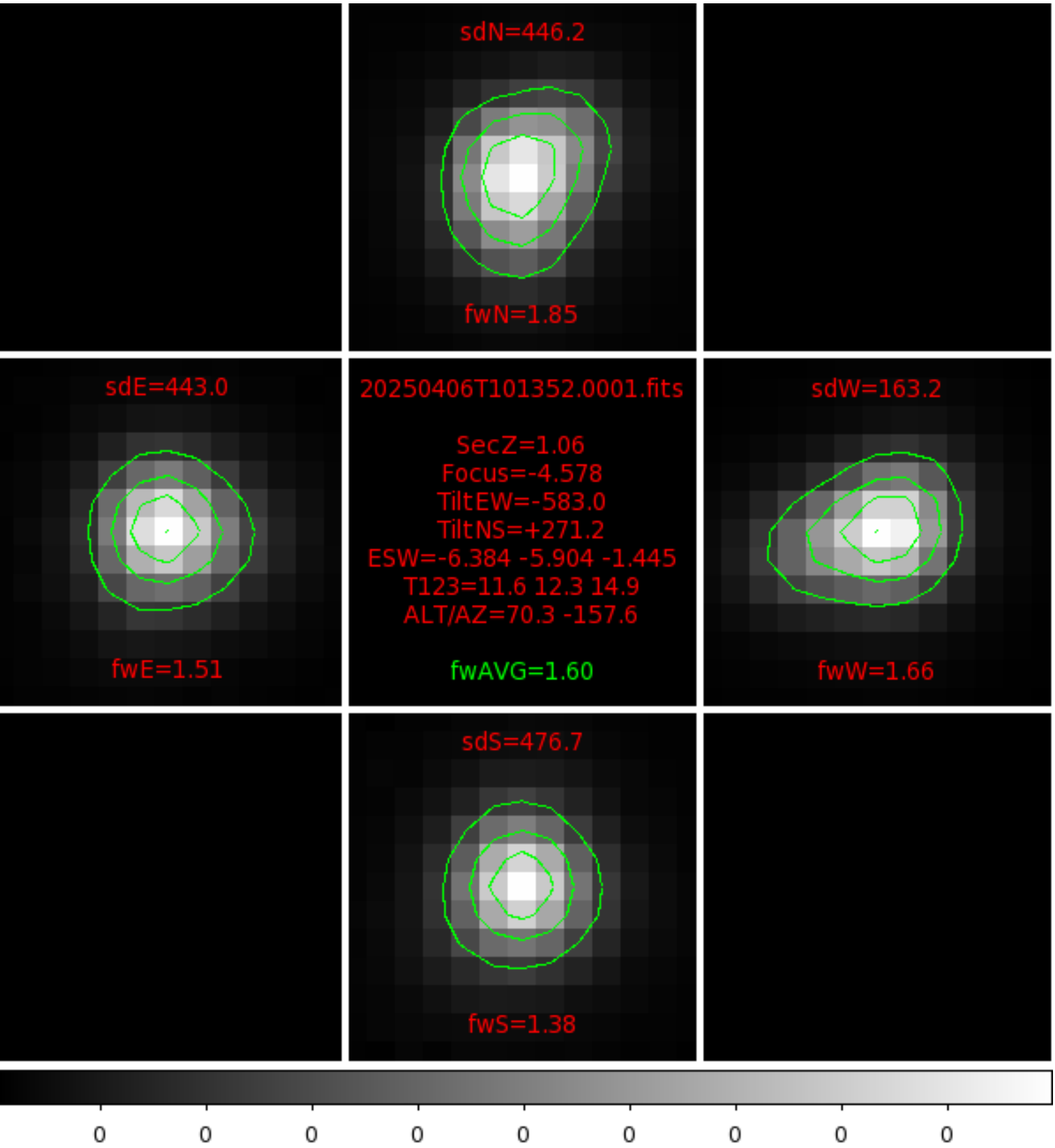
sdN=446.2
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sdE=443.0
fwE=1.51
20250406T101352.0001.fits
SecZ=1.06
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.6 12.3 14.9
ALT/AZ=70.3 -157.6
fwAVG=1.60
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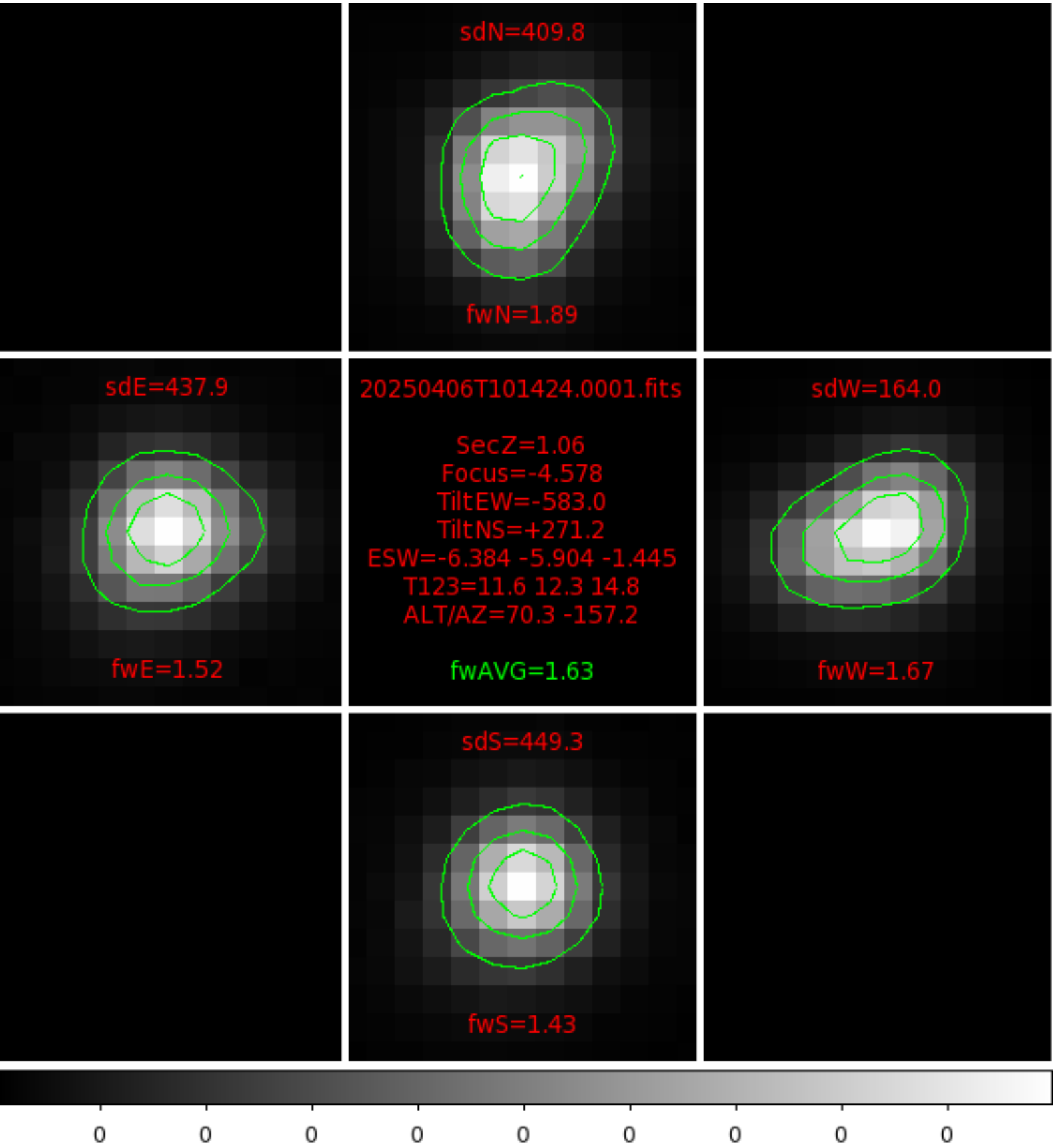
sdN=409.8
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sdE=437.9
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20250406T101424.0001.fits
SecZ=1.06
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.6 12.3 14.8
ALT/AZ=70.3 -157.2
fwAVG=1.63
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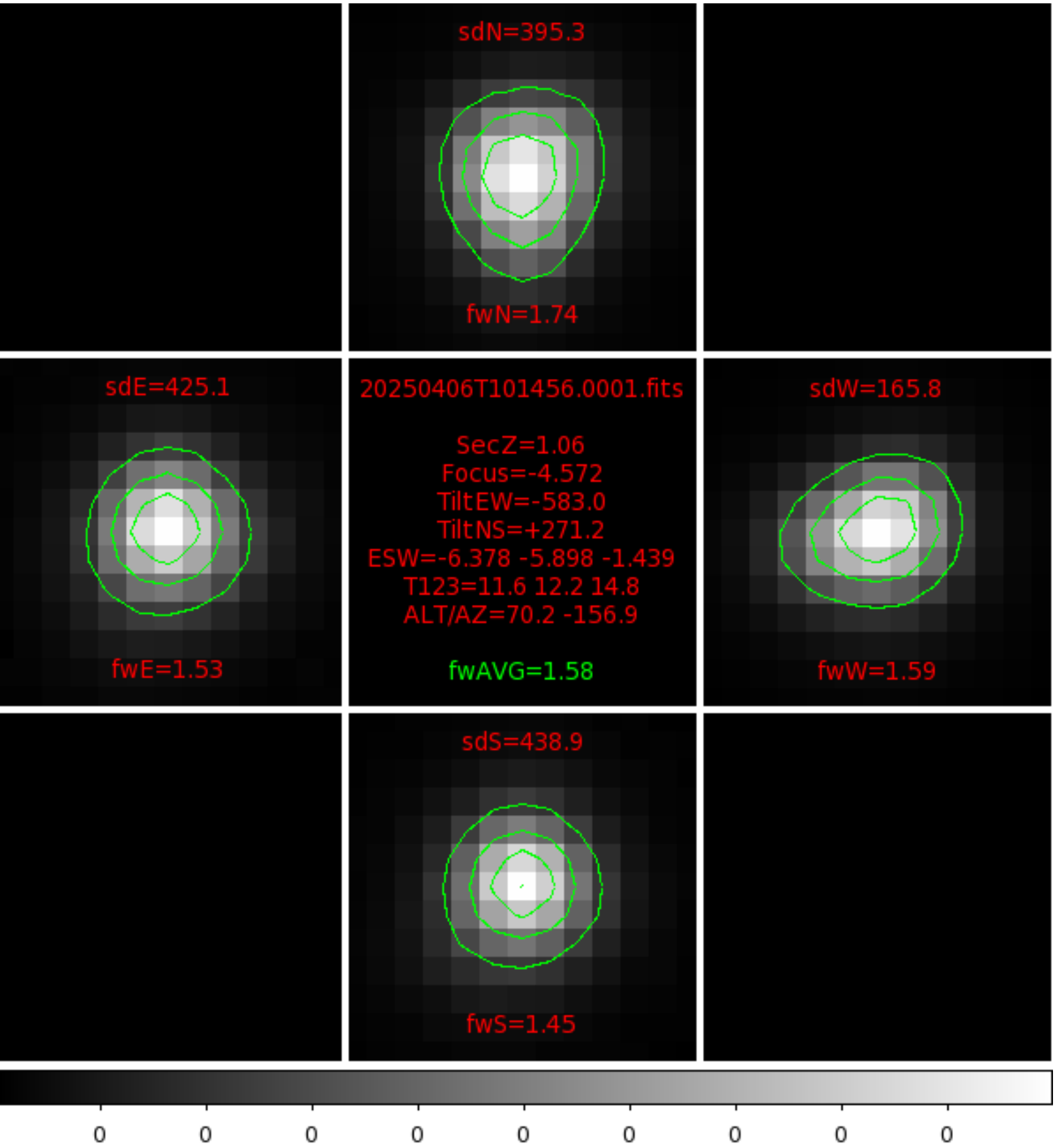
sdN=395.3
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sdE=425.1
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Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.6 12.2 14.8
ALT/AZ=70.2 -156.9
fwAVG=1.58
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sdS=438.9
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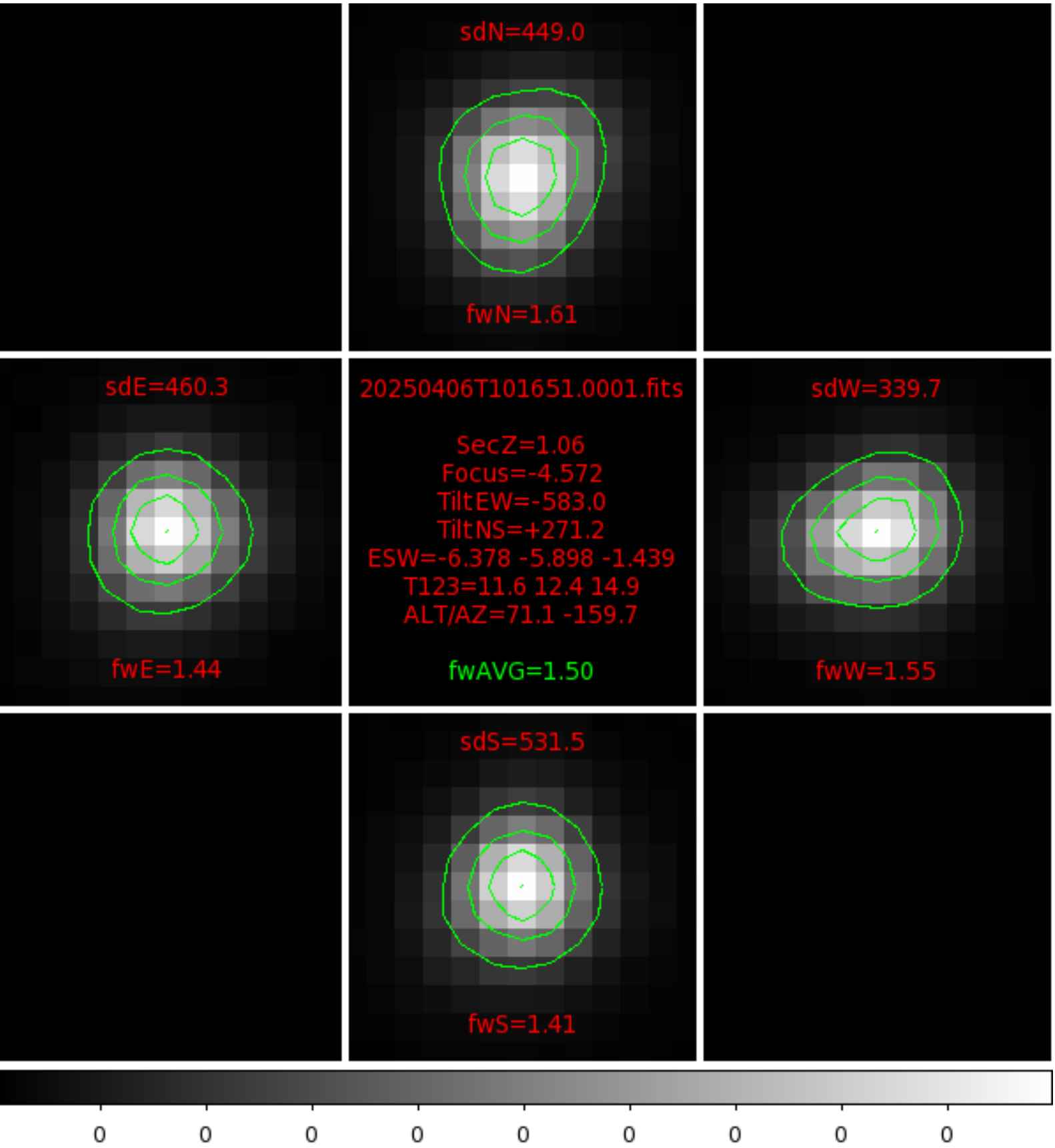
sdN=449.0
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SecZ=1.06
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.6 12.4 14.9
ALT/AZ=71.1 -159.7
fwAVG=1.50
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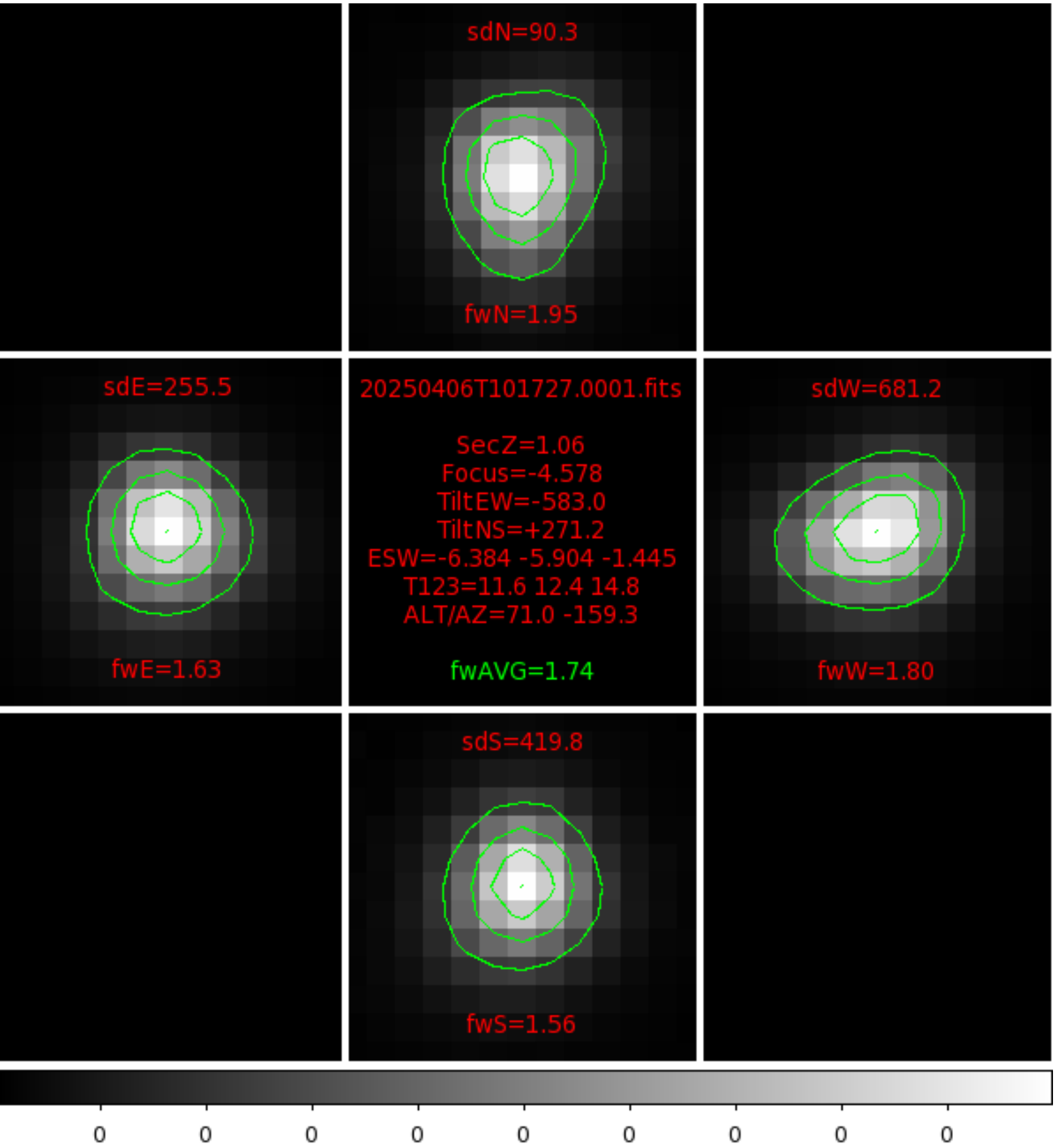
sdN=90.3
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sdE=255.5
fwE=1.63
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SecZ=1.06
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.6 12.4 14.8
ALT/AZ=71.0 -159.3
fwAVG=1.74
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sdS=419.8
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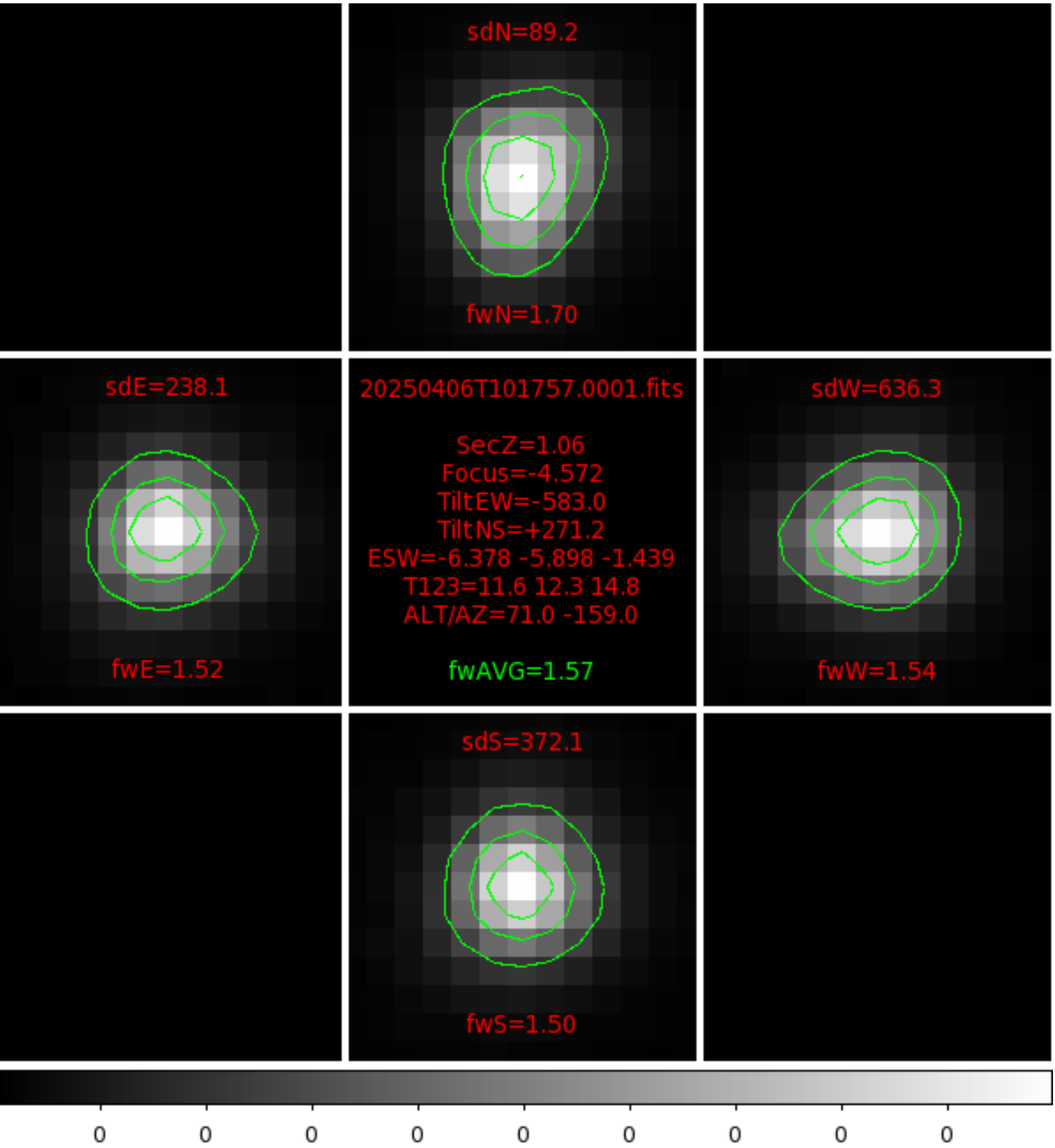
sdN=89.2
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fwE=1.52
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SecZ=1.06
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.6 12.3 14.8
ALT/AZ=71.0 -159.0
fwAVG=1.57
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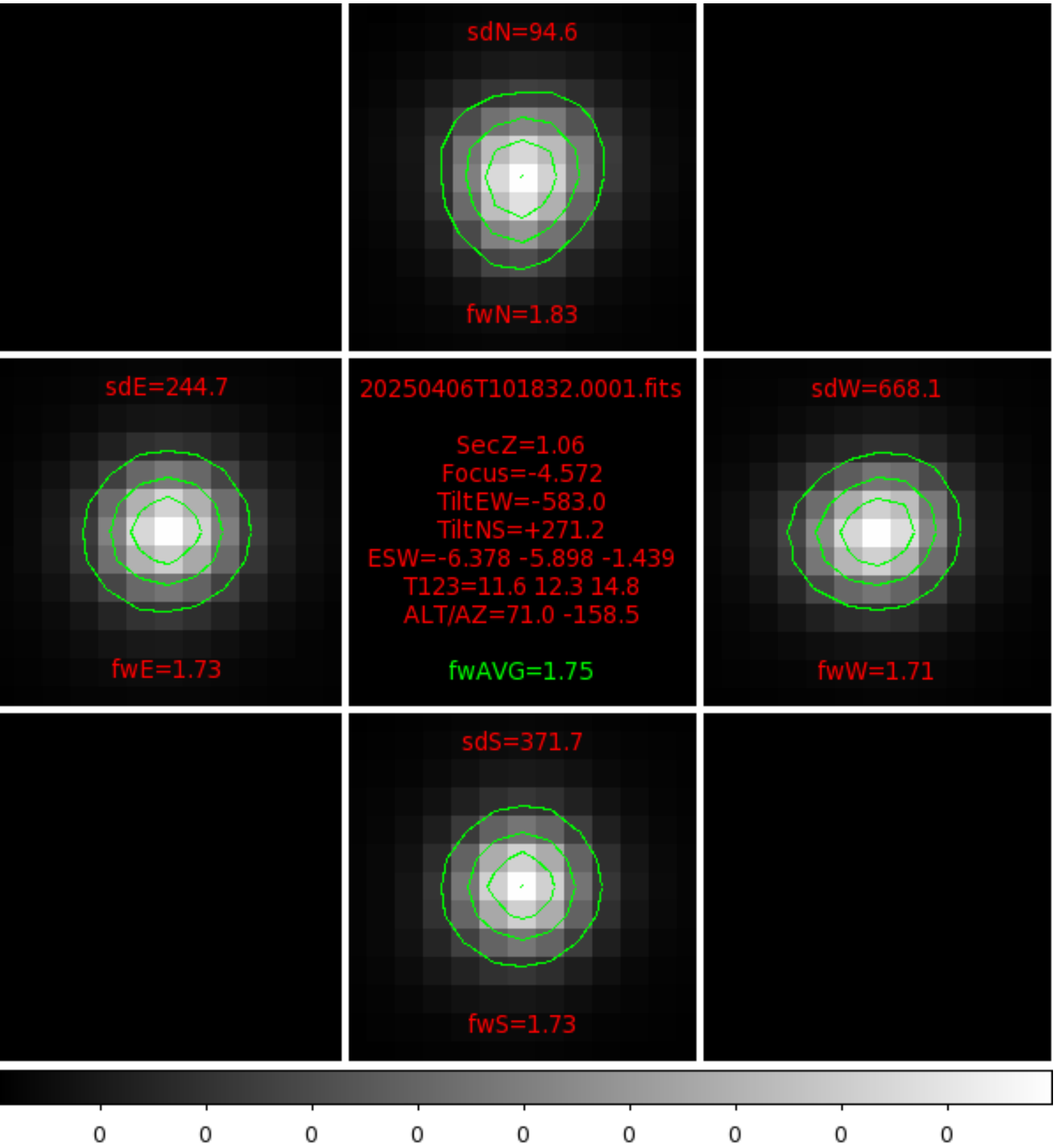
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fwE=1.73
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SecZ=1.06
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.6 12.3 14.8
ALT/AZ=71.0 -158.5
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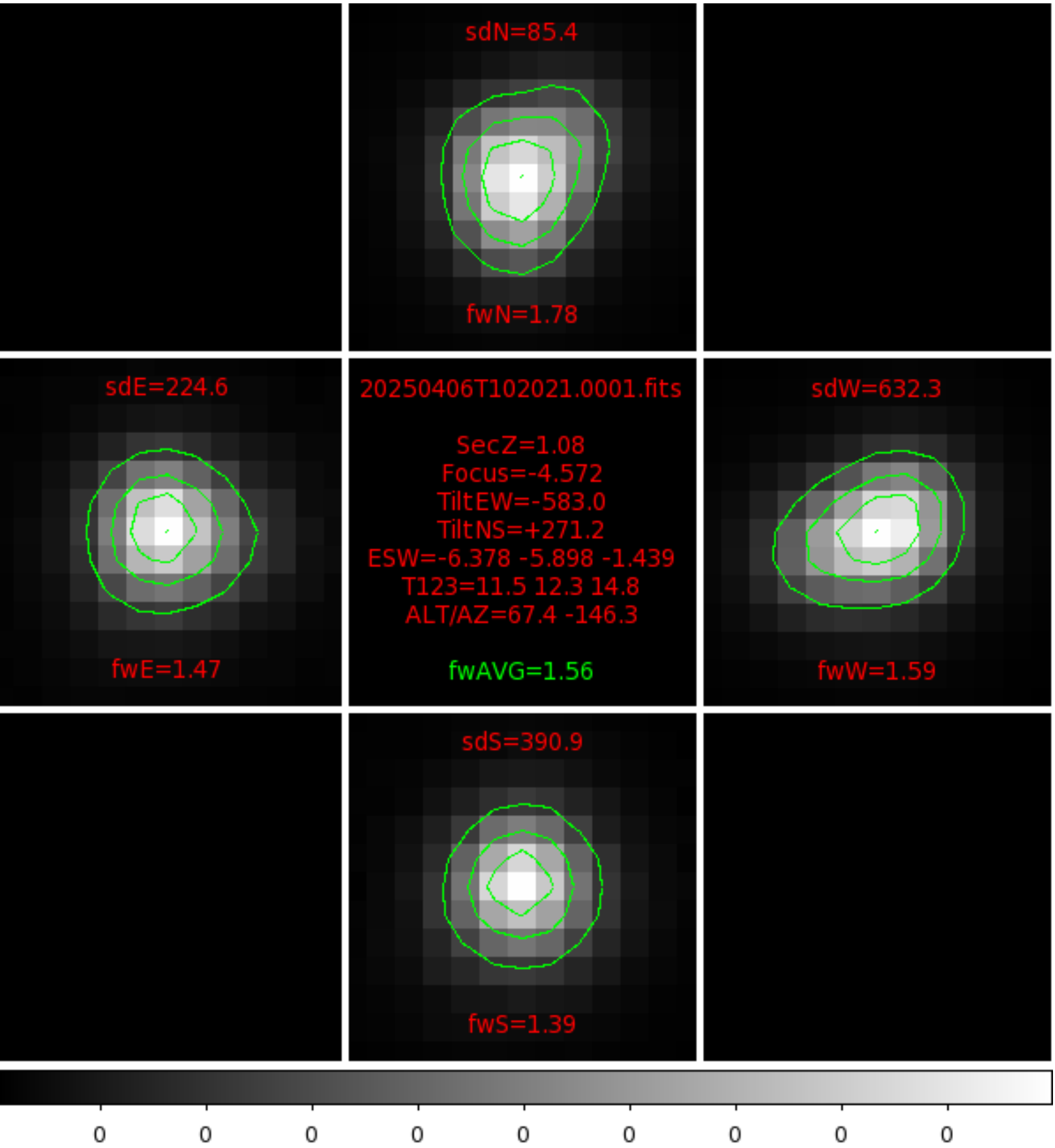
sdN=85.4
fwN=1.78
sdE=224.6
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SecZ=1.08
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.5 12.3 14.8
ALT/AZ=67.4 -146.3
fwAVG=1.56
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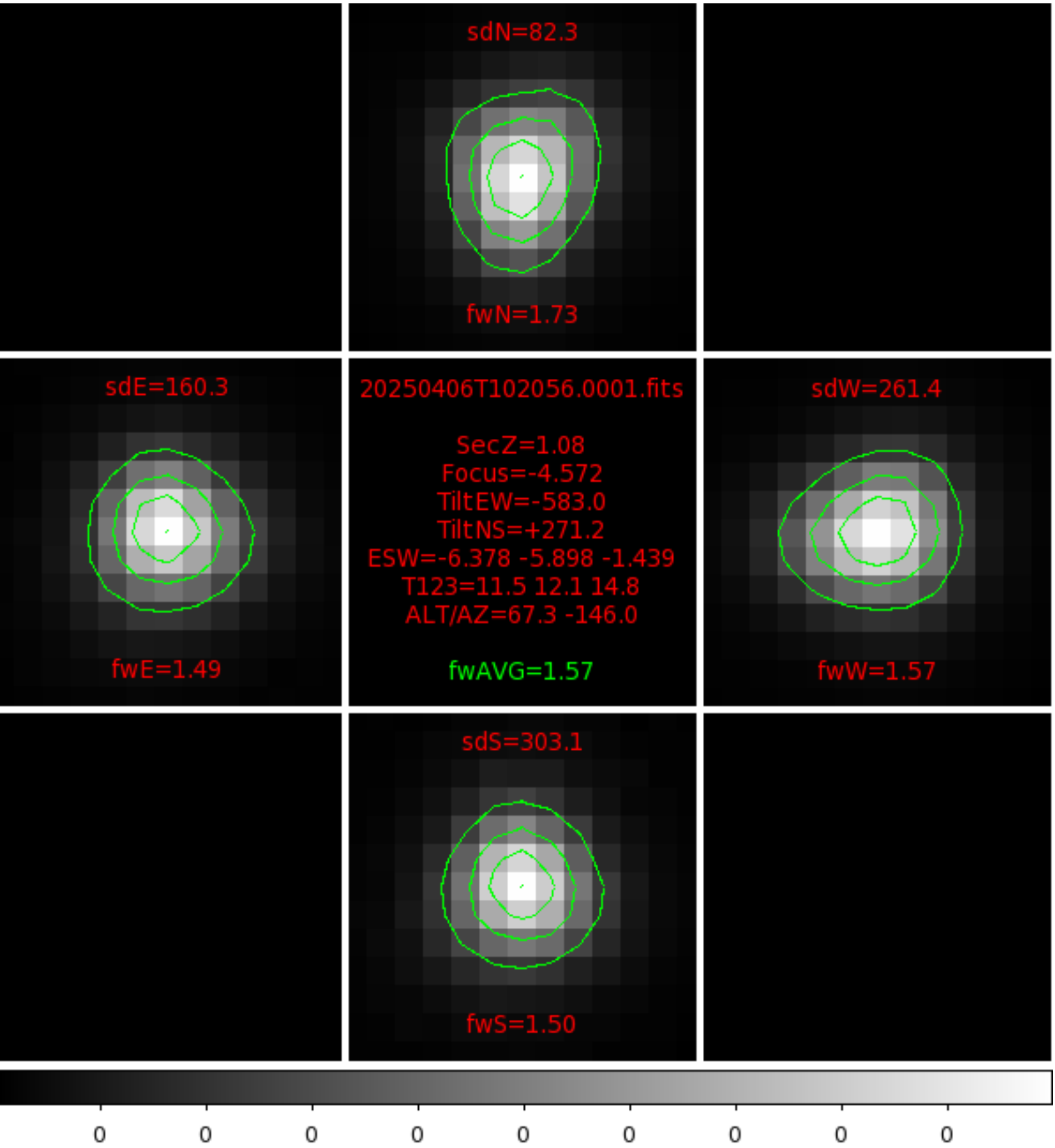
sdN=82.3
fwN=1.73
sdE=160.3
fwE=1.49
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SecZ=1.08
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.5 12.1 14.8
ALT/AZ=67.3 -146.0
fwAVG=1.57
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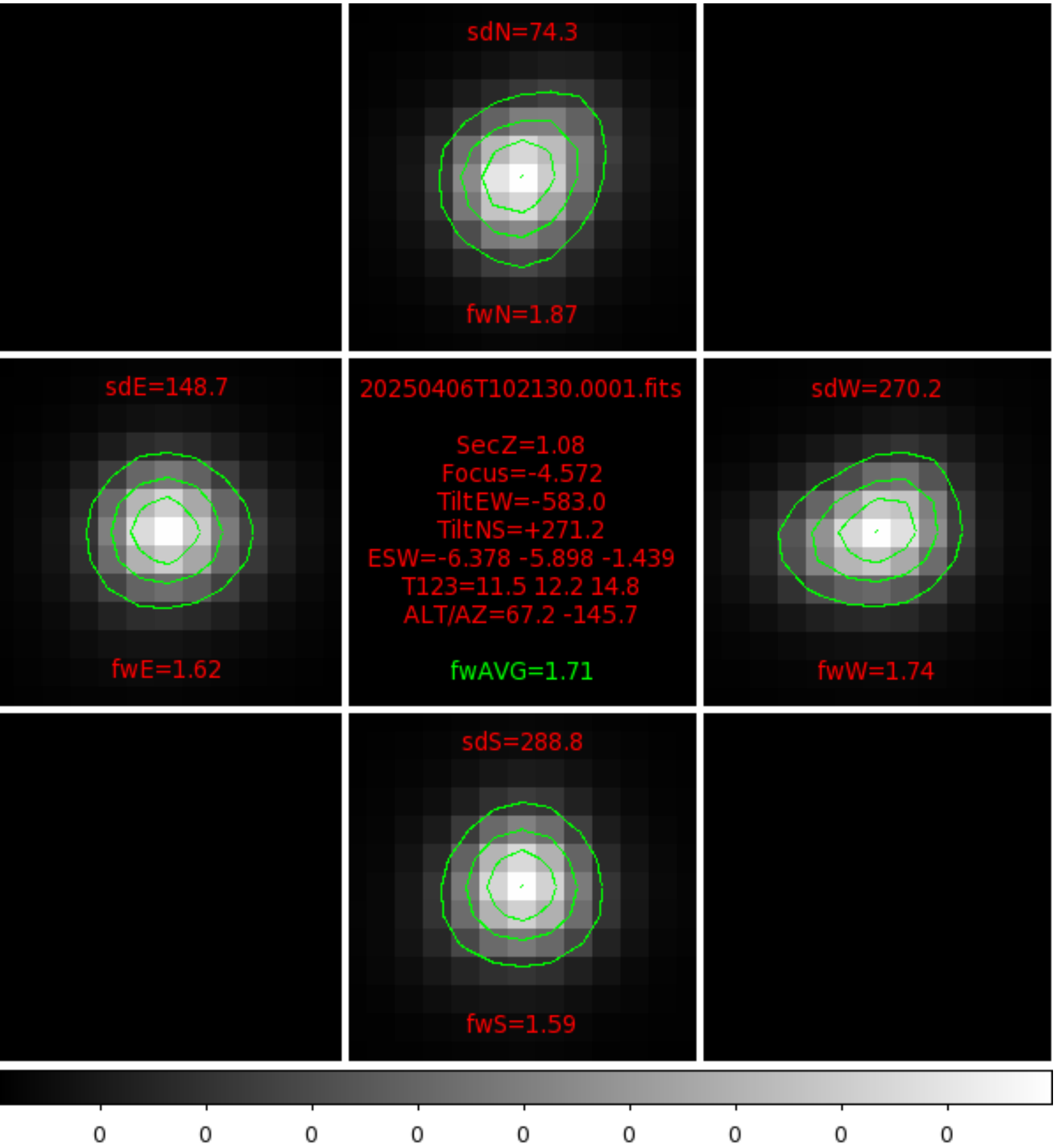
sdN=74.3
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20250406T102130.0001.fits
SecZ=1.08
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.5 12.2 14.8
ALT/AZ=67.2 -145.7
fwAVG=1.71
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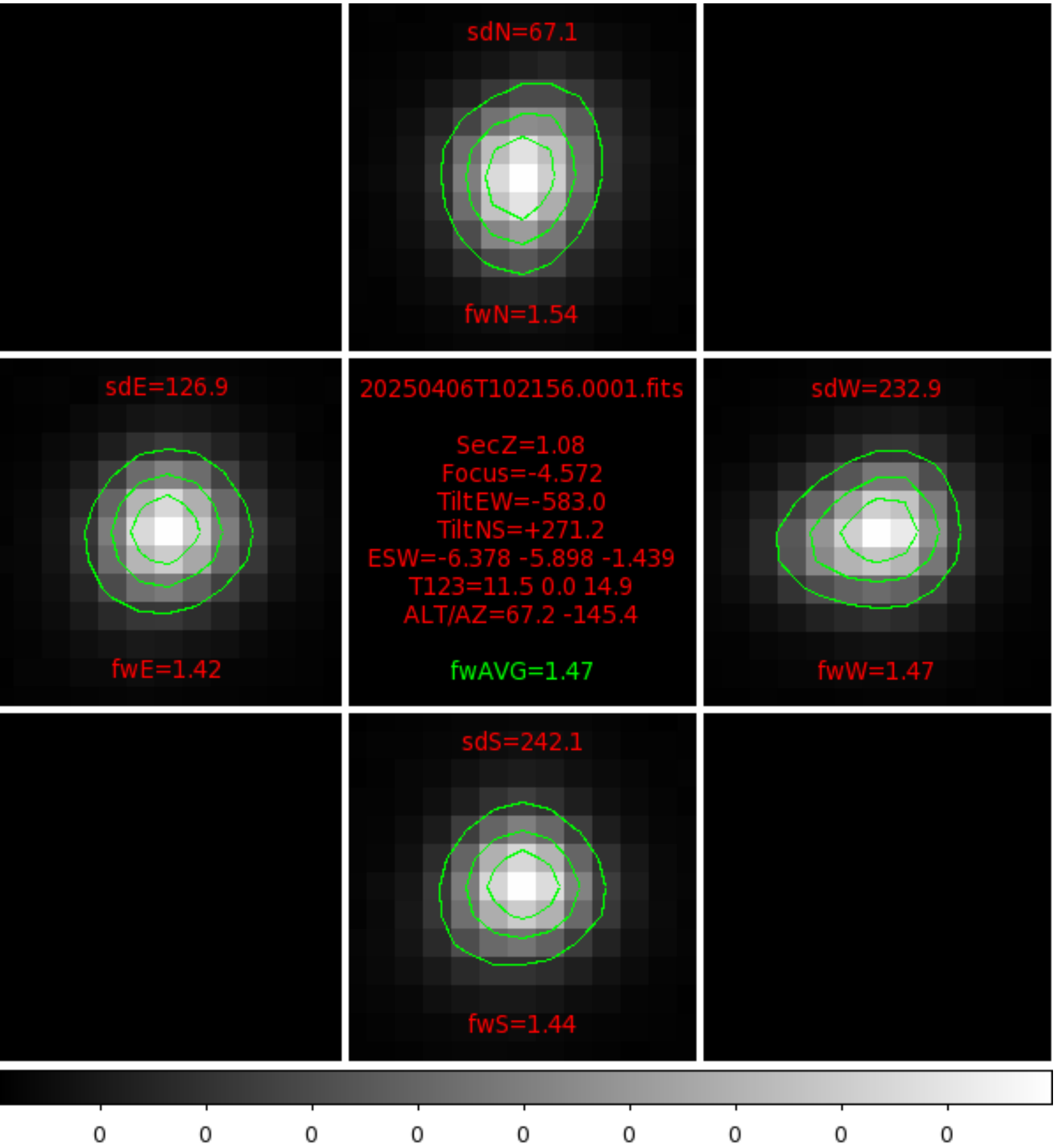
sdN=67.1
fwN=1.54
sdE=126.9
fwE=1.42
20250406T102156.0001.fits
SecZ=1.08
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.5 0.0 14.9
ALT/AZ=67.2 -145.4
fwAVG=1.47
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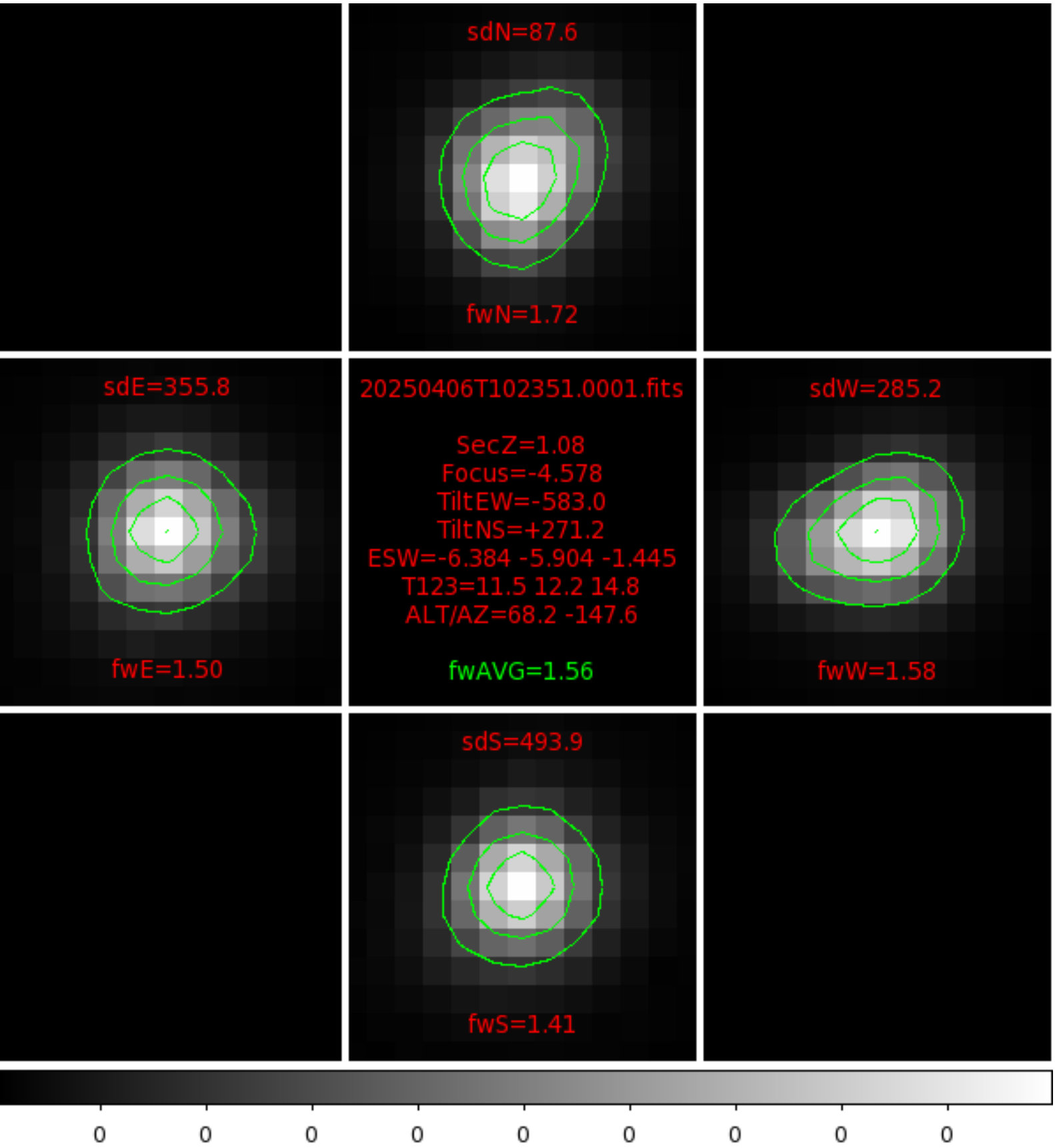
sdN=87.6
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sdE=355.8
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SecZ=1.08
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.5 12.2 14.8
ALT/AZ=68.2 -147.6
fwAVG=1.56
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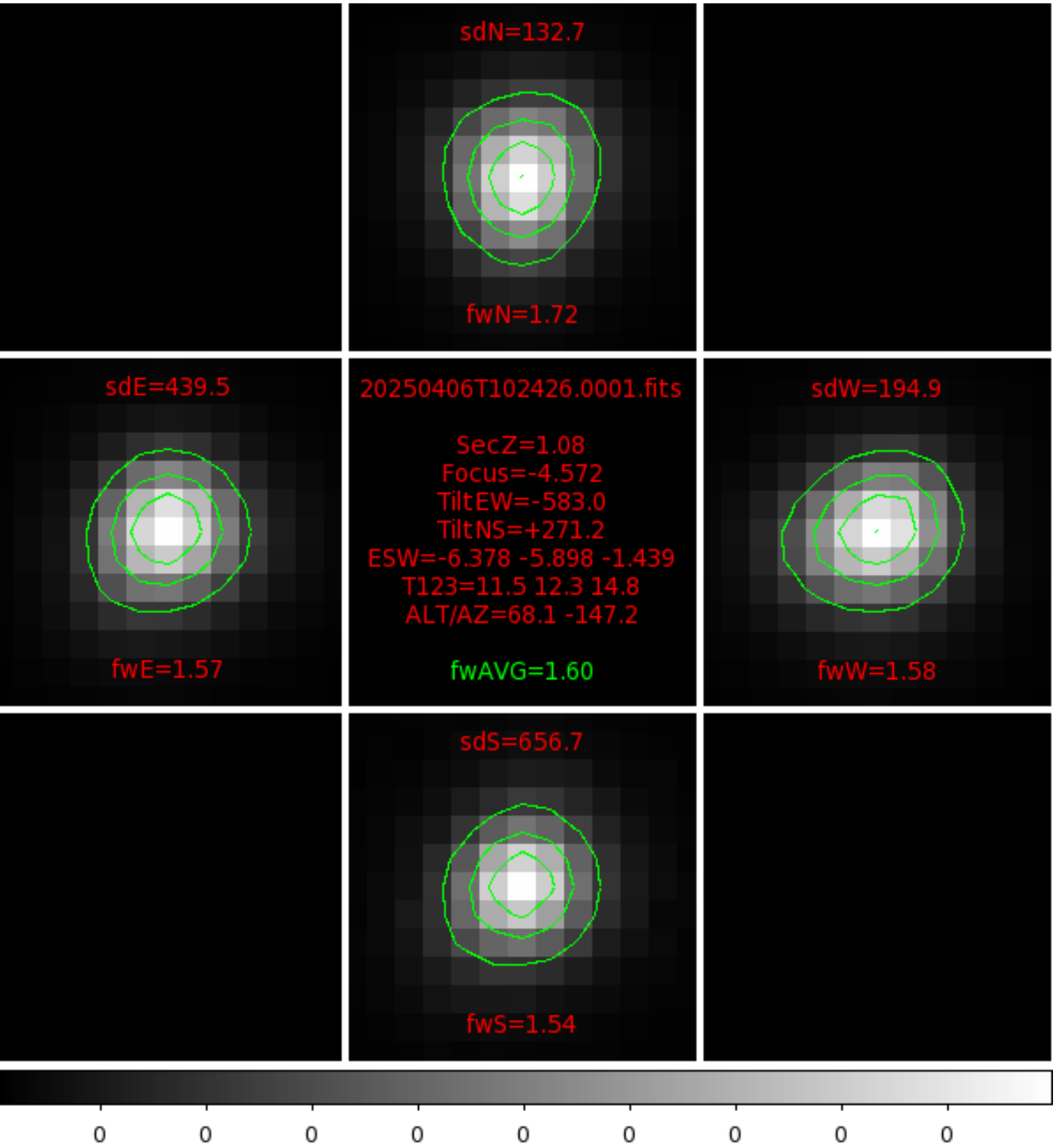
sdN=132.7
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sdE=439.5
fwE=1.57
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SecZ=1.08
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.5 12.3 14.8
ALT/AZ=68.1 -147.2
fwAVG=1.60
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sdS=656.7
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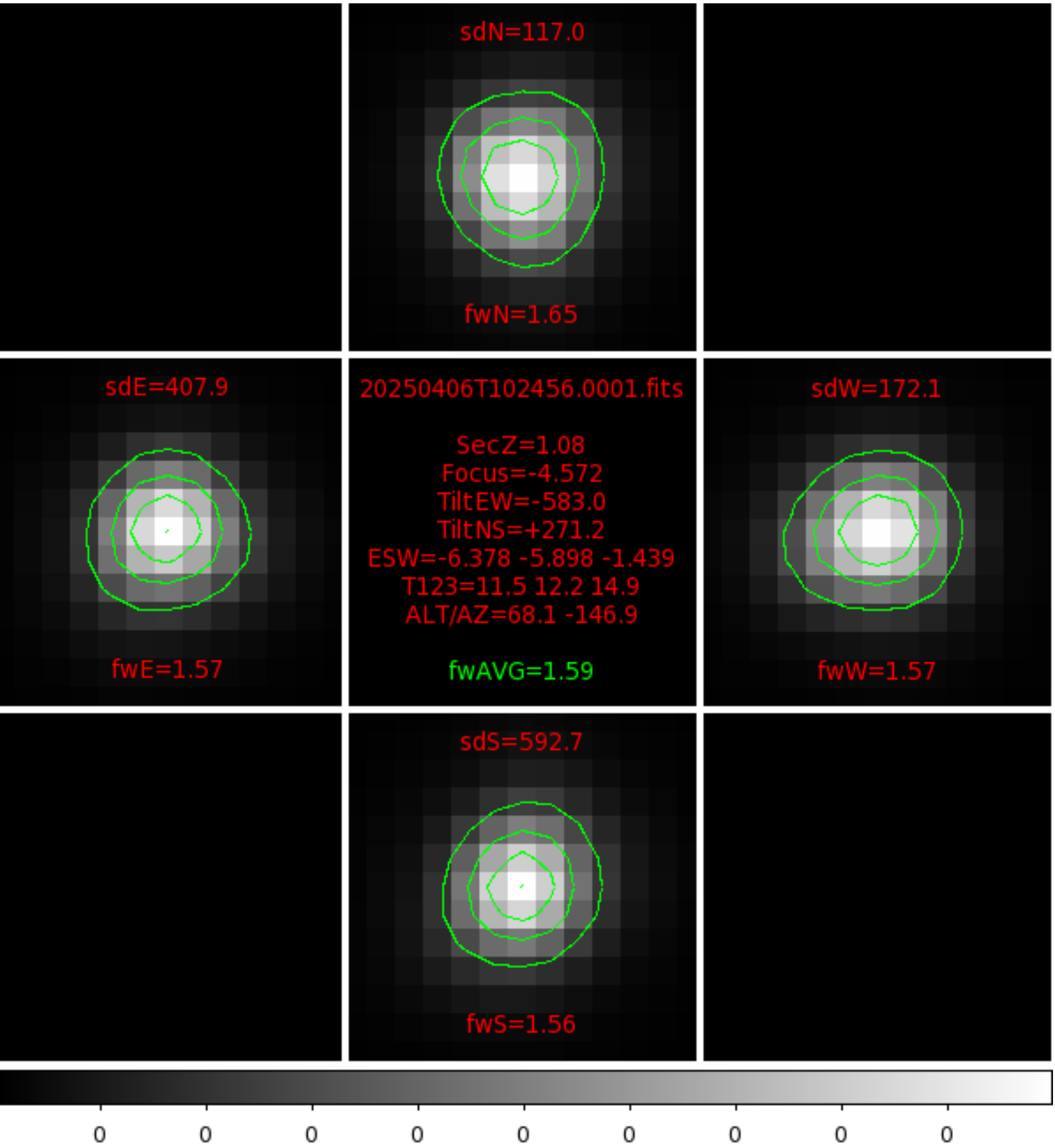
sdN=117.0
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Focus=-4.572
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TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.5 12.2 14.9
ALT/AZ=68.1 -146.9
fwAVG=1.59
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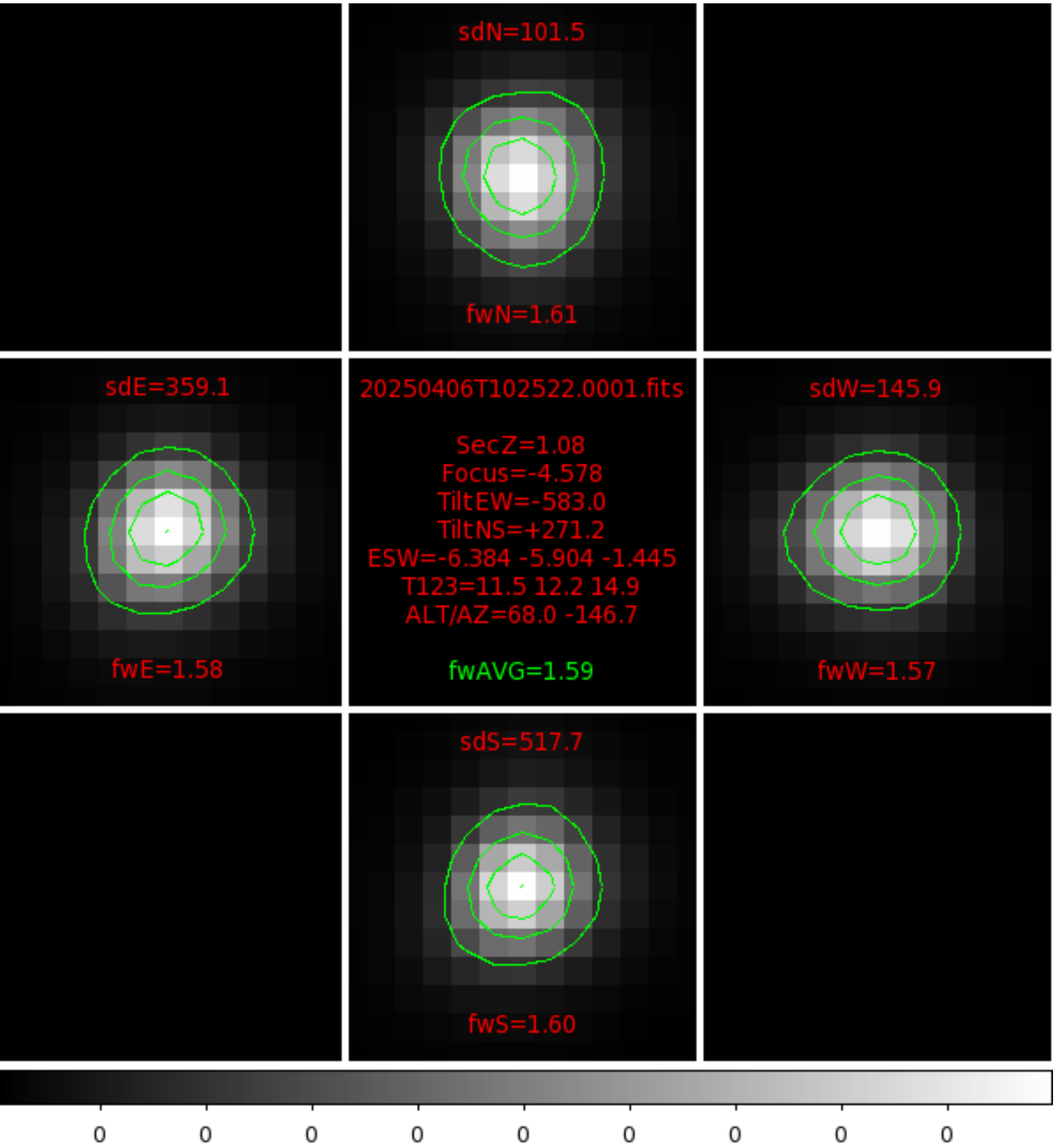
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sdE=359.1
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SecZ=1.08
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.5 12.2 14.9
ALT/AZ=68.0 -146.7
fwAVG=1.59
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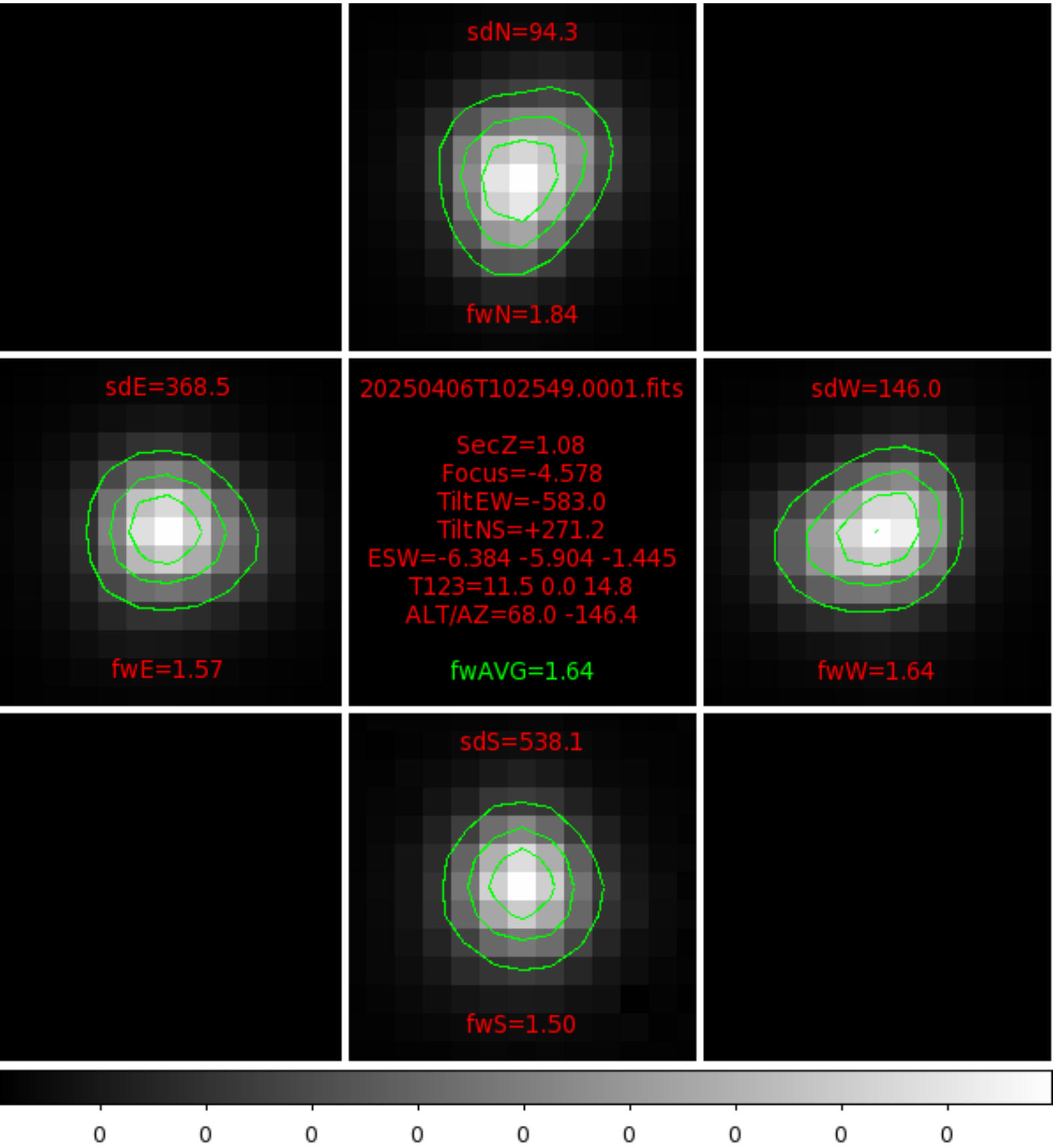
sdN=94.3
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sdE=368.5
fwE=1.57
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SecZ=1.08
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.5 0.0 14.8
ALT/AZ=68.0 -146.4
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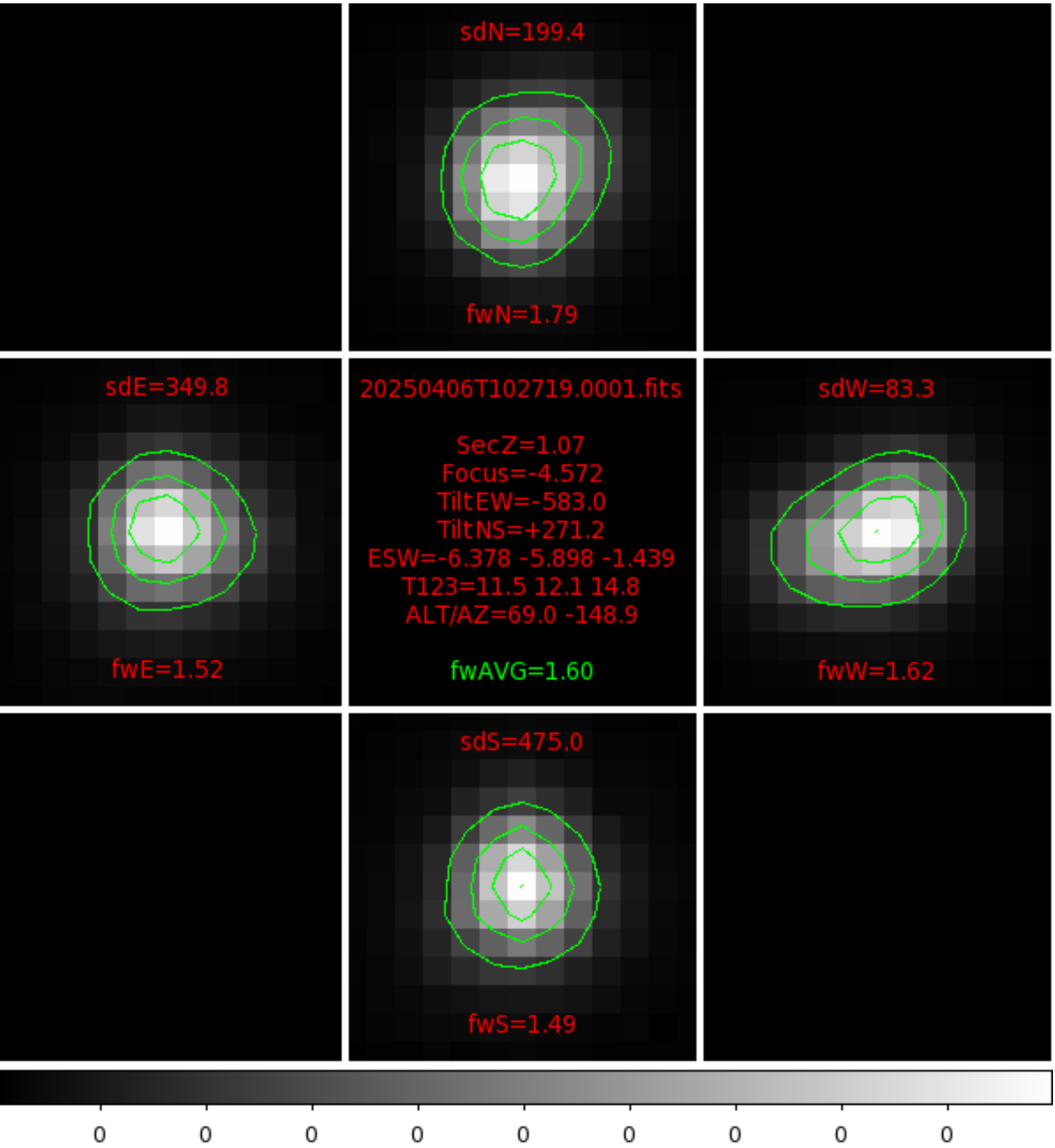
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SecZ=1.07
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.5 12.1 14.8
ALT/AZ=69.0 -148.9
fwAVG=1.60
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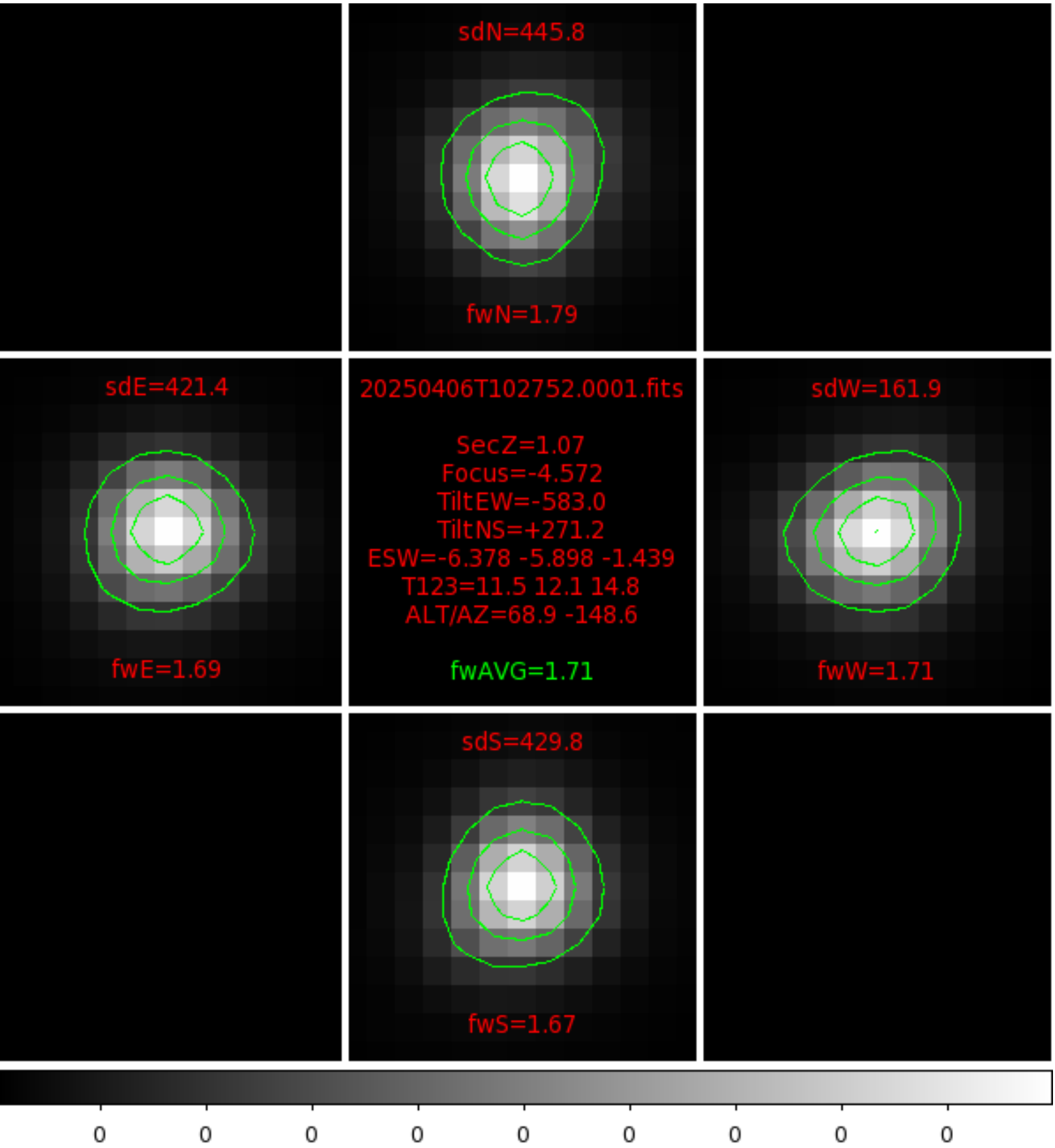
sdN=445.8
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SecZ=1.07
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.5 12.1 14.8
ALT/AZ=68.9 -148.6
fwAVG=1.71
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sdS=429.8
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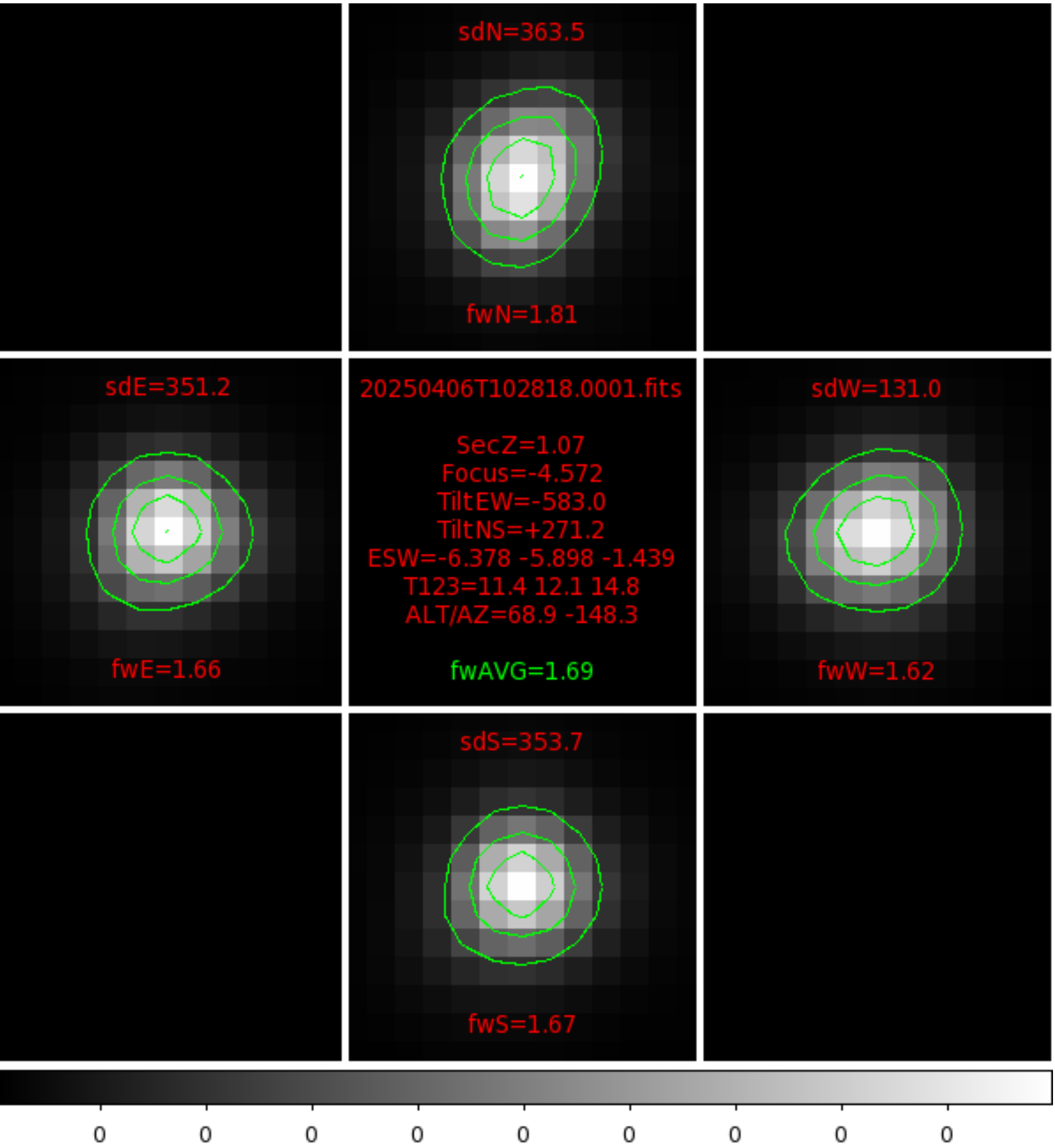
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SecZ=1.07
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.4 12.1 14.8
ALT/AZ=68.9 -148.3
fwAVG=1.69
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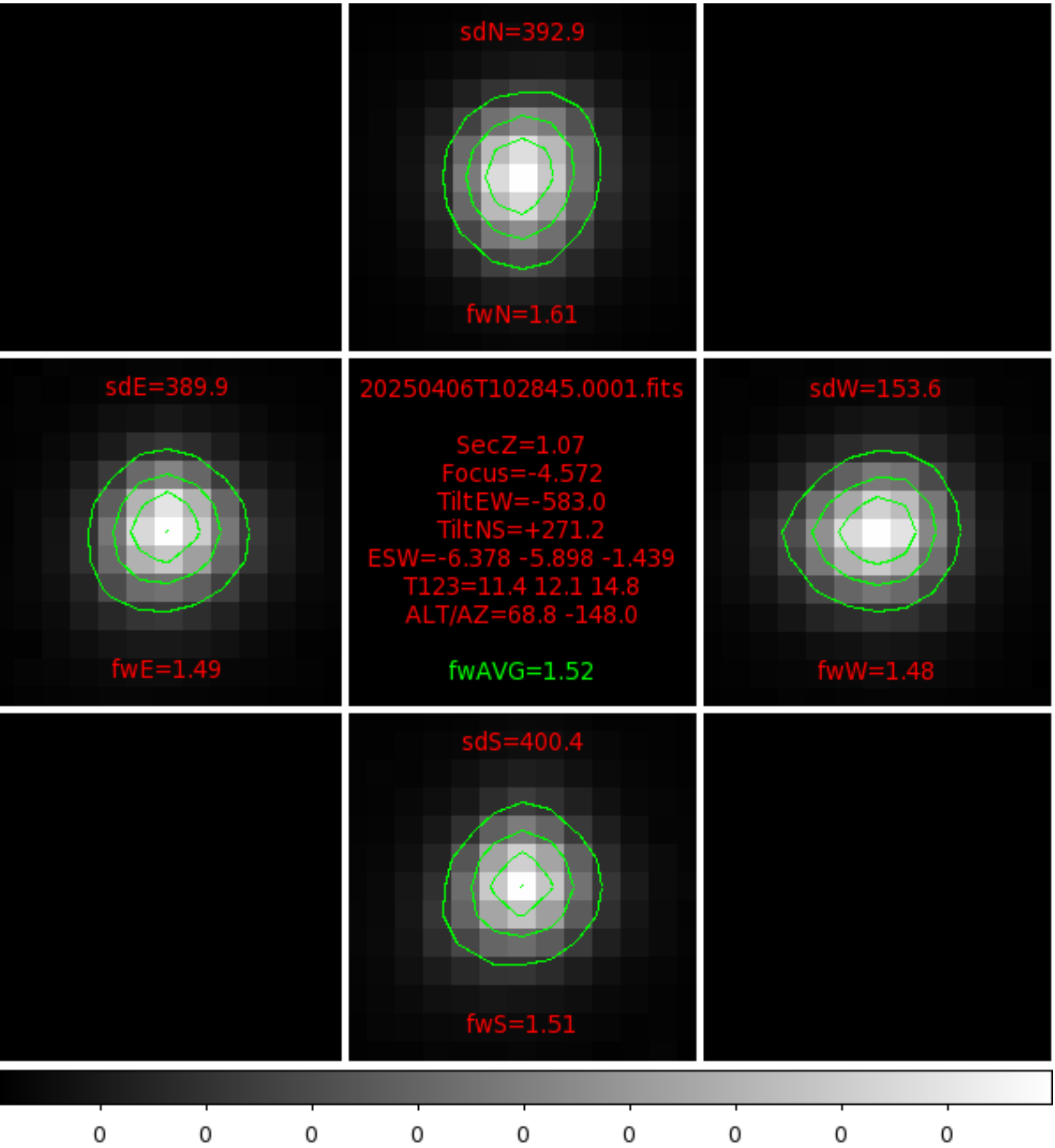
sdN=392.9
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sdE=389.9
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SecZ=1.07
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.4 12.1 14.8
ALT/AZ=68.8 -148.0
fwAVG=1.52
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sdS=400.4
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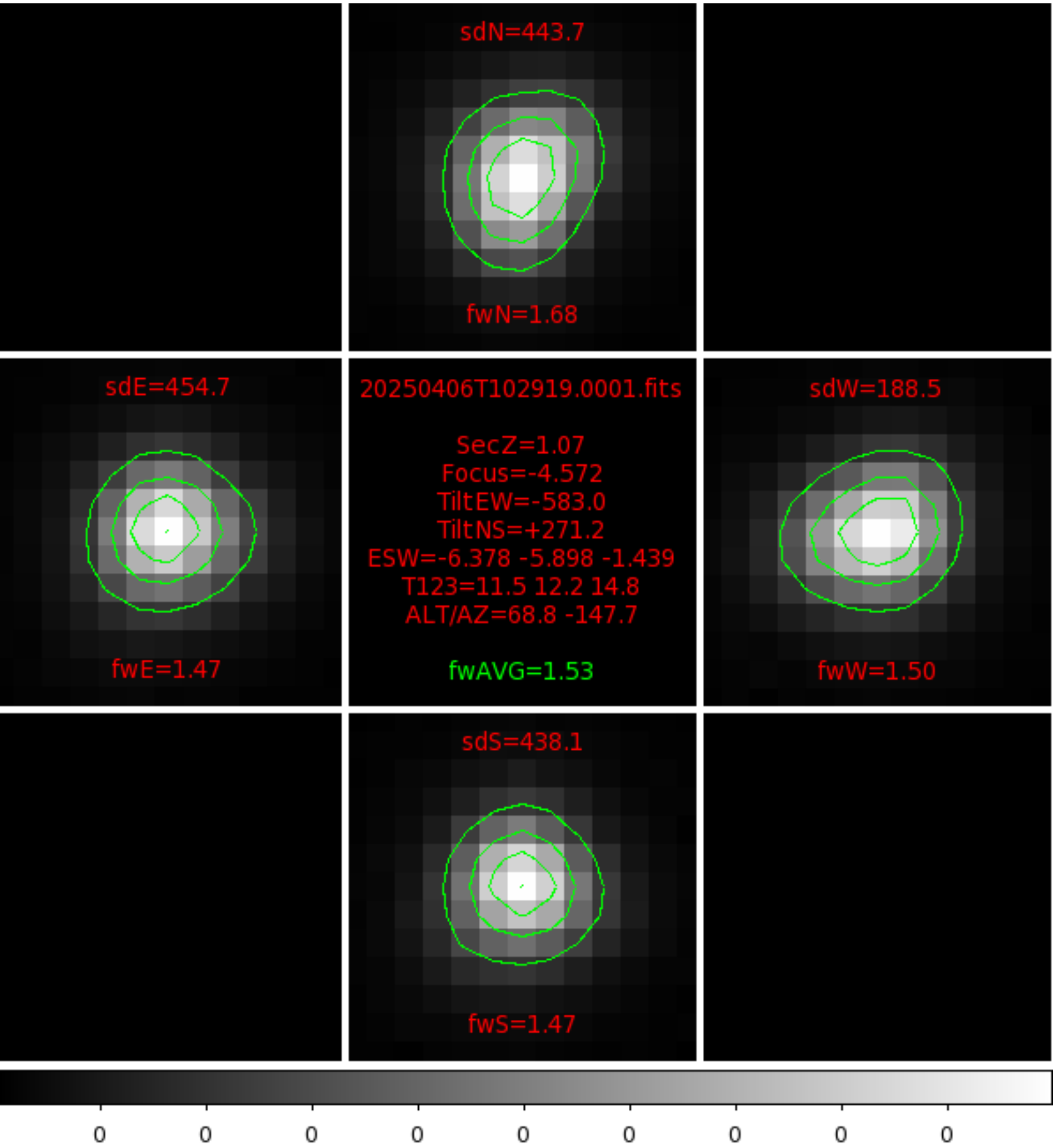
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SecZ=1.07
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.5 12.2 14.8
ALT/AZ=68.8 -147.7
fwAVG=1.53
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sdS=438.1
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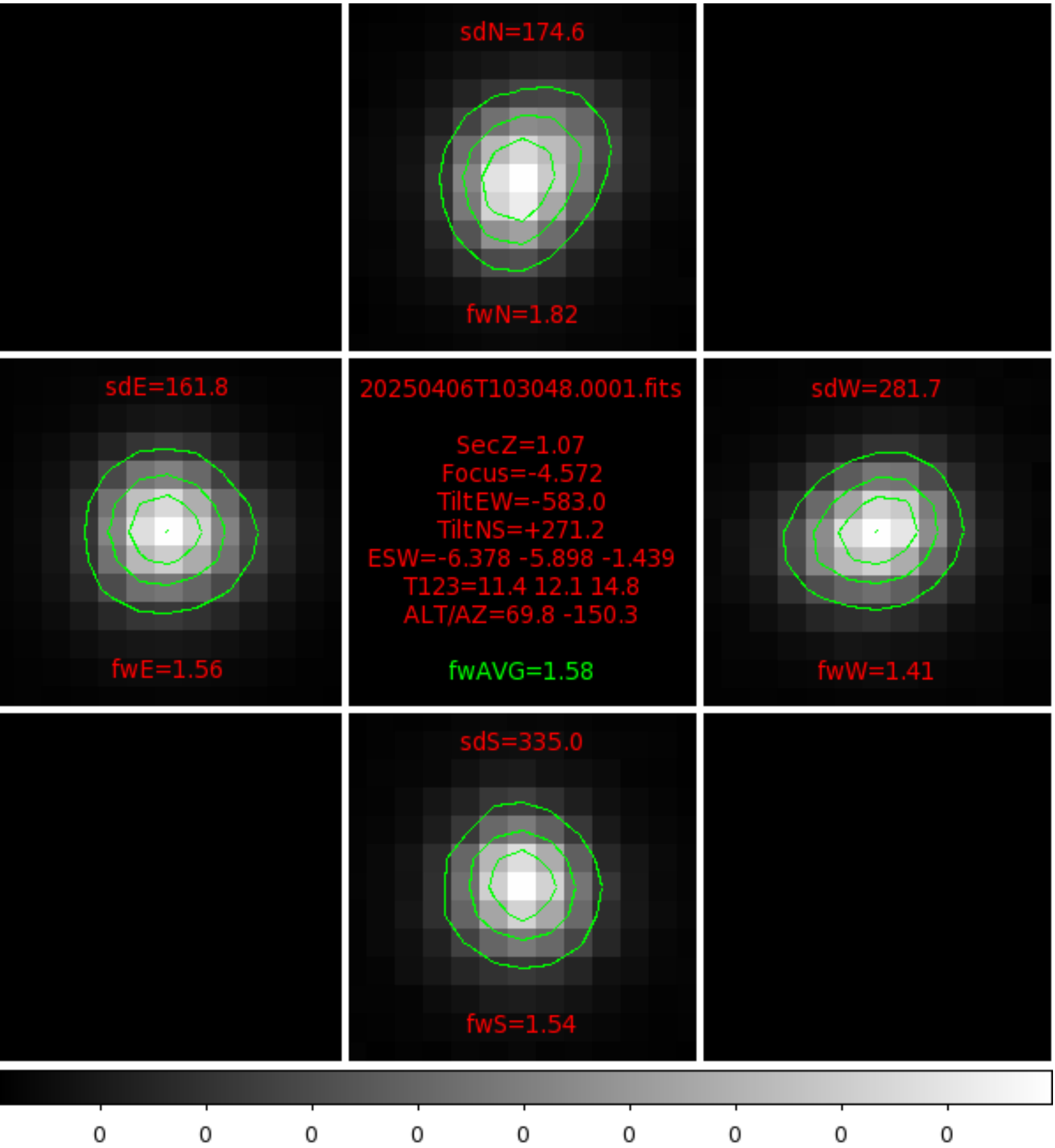
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fwN=1.82
sdE=161.8
fwE=1.56
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SecZ=1.07
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.4 12.1 14.8
ALT/AZ=69.8 -150.3
fwAVG=1.58
sdW=281.7
fwW=1.41
sdS=335.0
fwS=1.54
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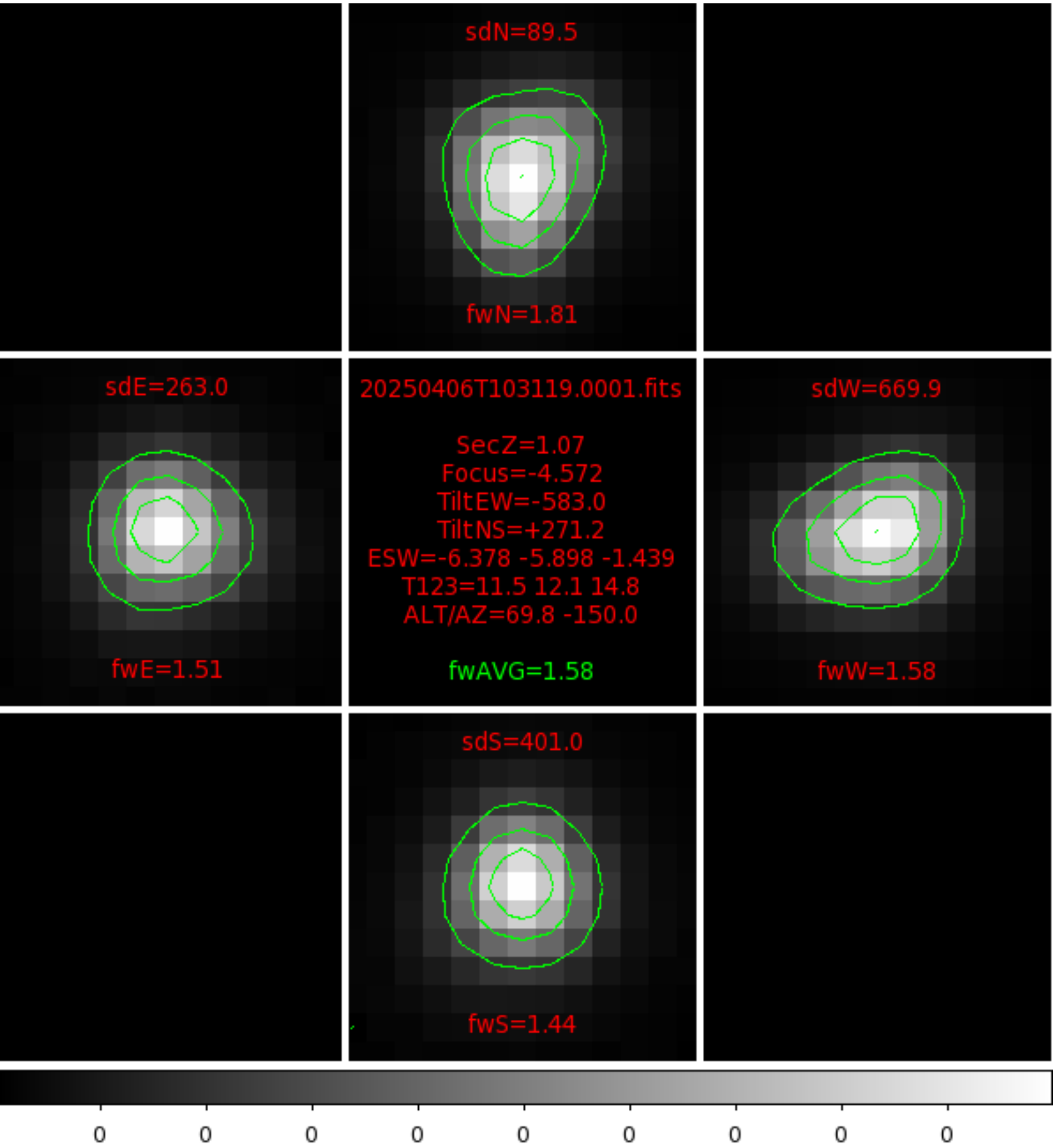
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TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.5 12.1 14.8
ALT/AZ=69.8 -150.0
fwAVG=1.58
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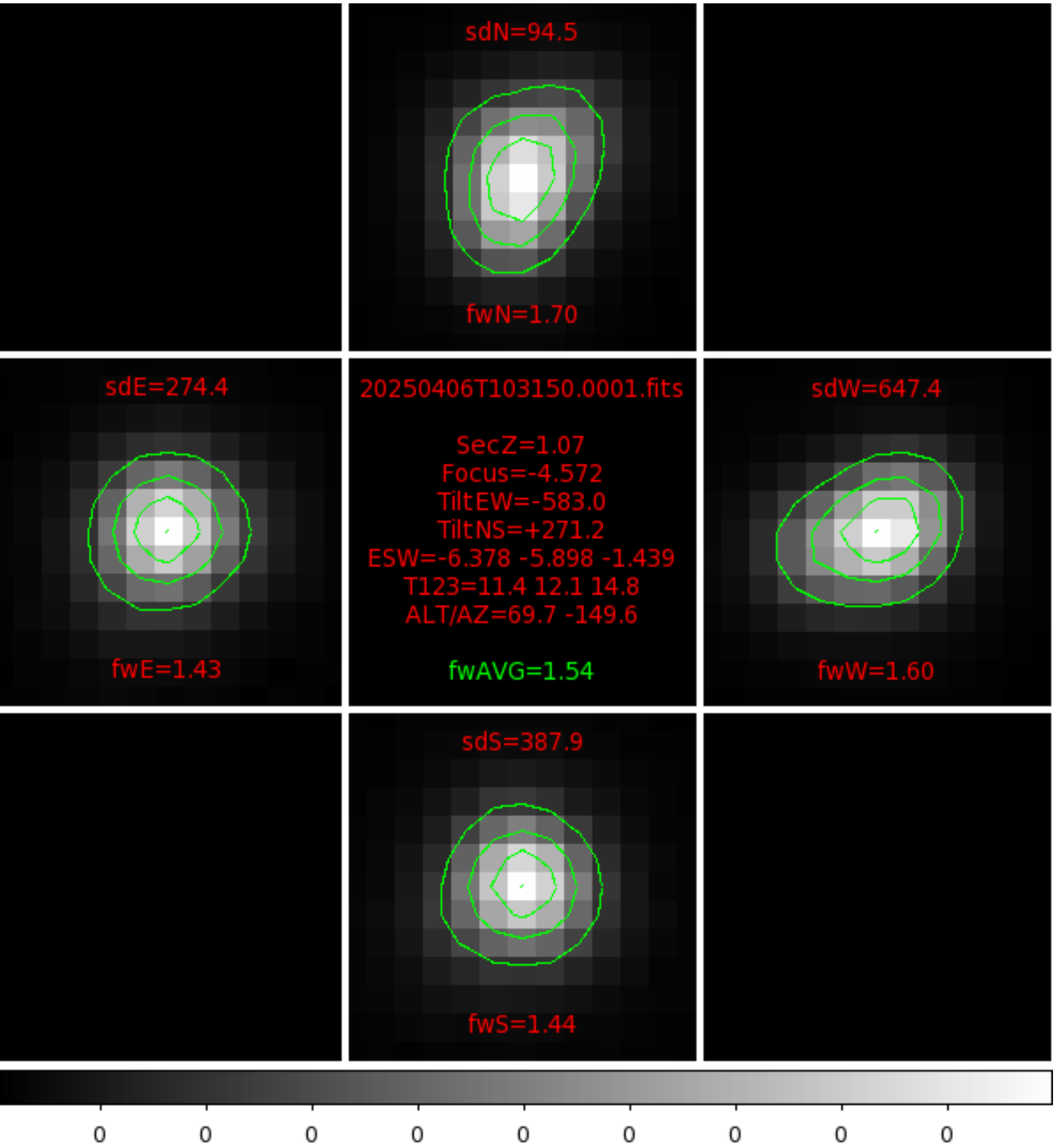
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SecZ=1.07
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.4 12.1 14.8
ALT/AZ=69.7 -149.6
fwAVG=1.54
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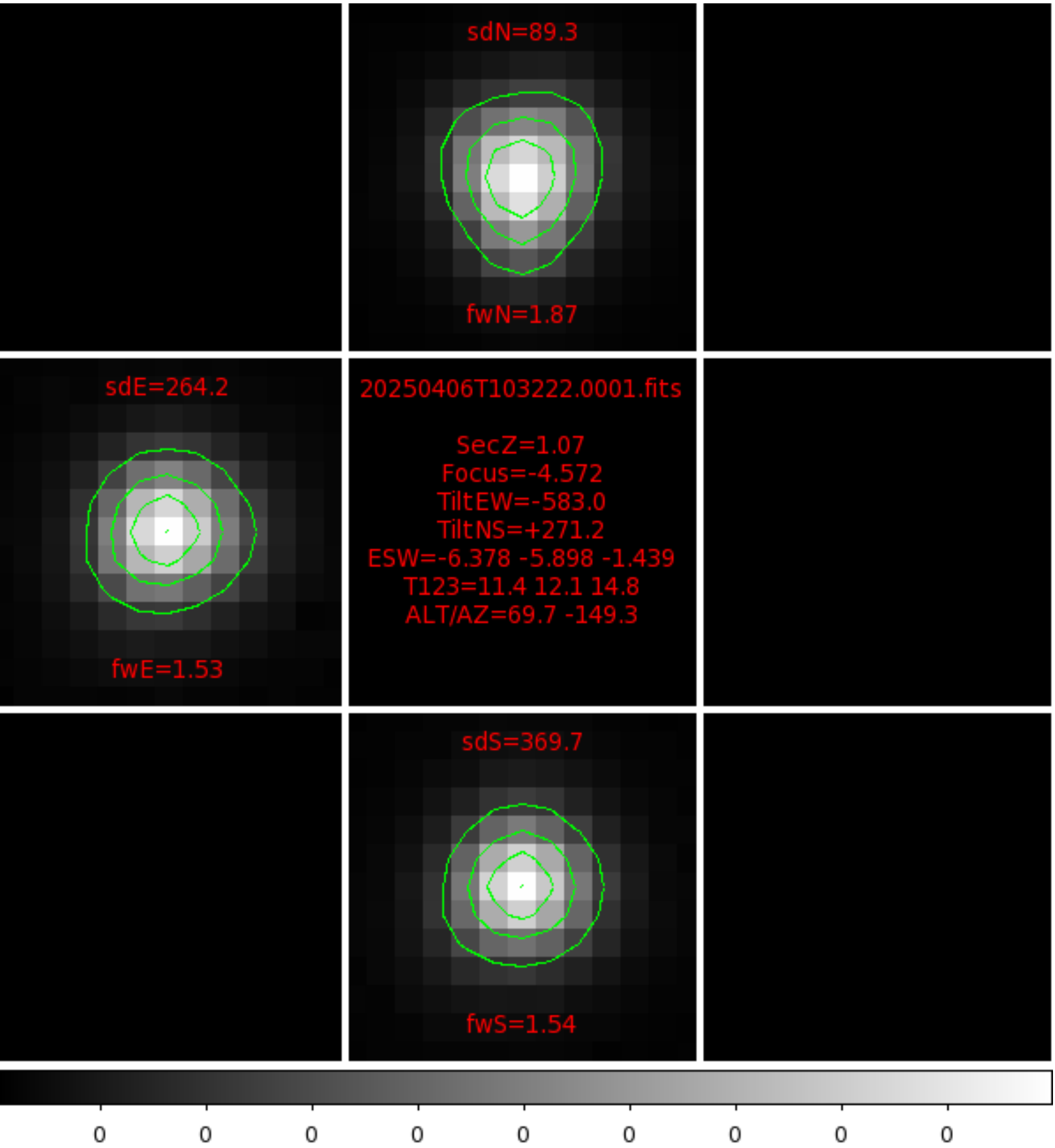
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SecZ=1.07
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.4 12.1 14.8
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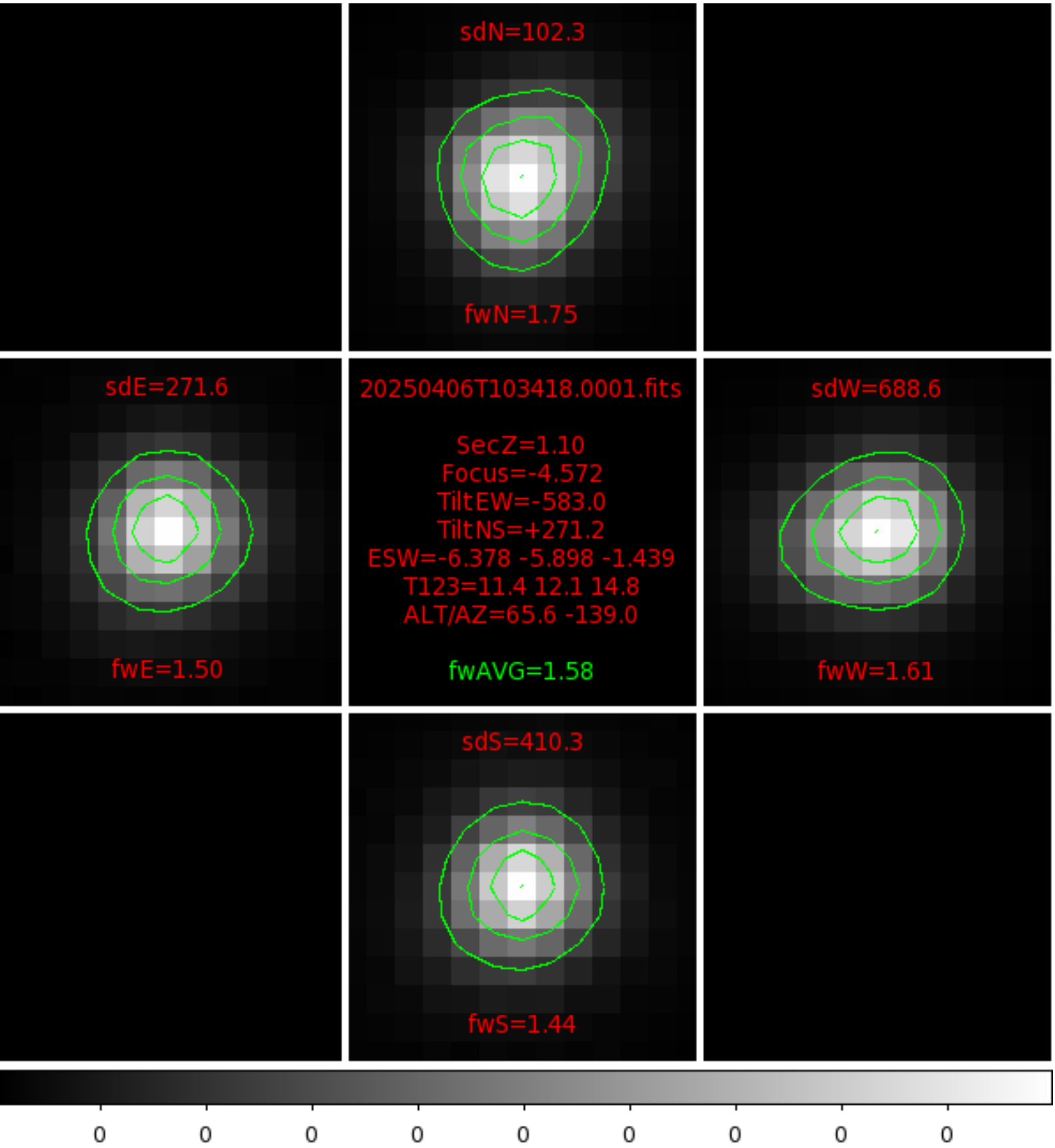
sdN=102.3
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SecZ=1.10
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.4 12.1 14.8
ALT/AZ=65.6 -139.0
fwAVG=1.58
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sdS=410.3
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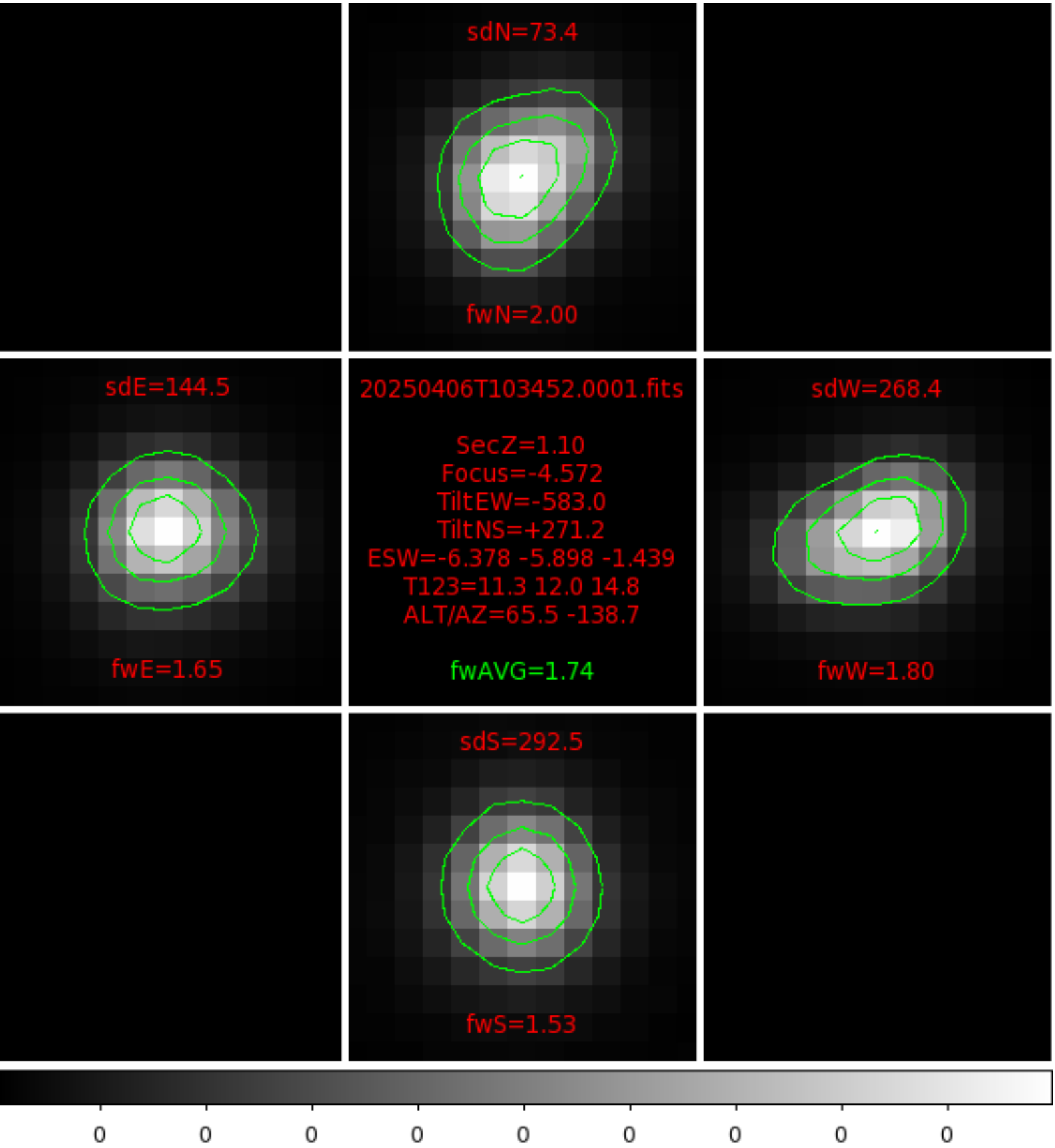
sdN=73.4
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sdE=144.5
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SecZ=1.10
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.3 12.0 14.8
ALT/AZ=65.5 -138.7
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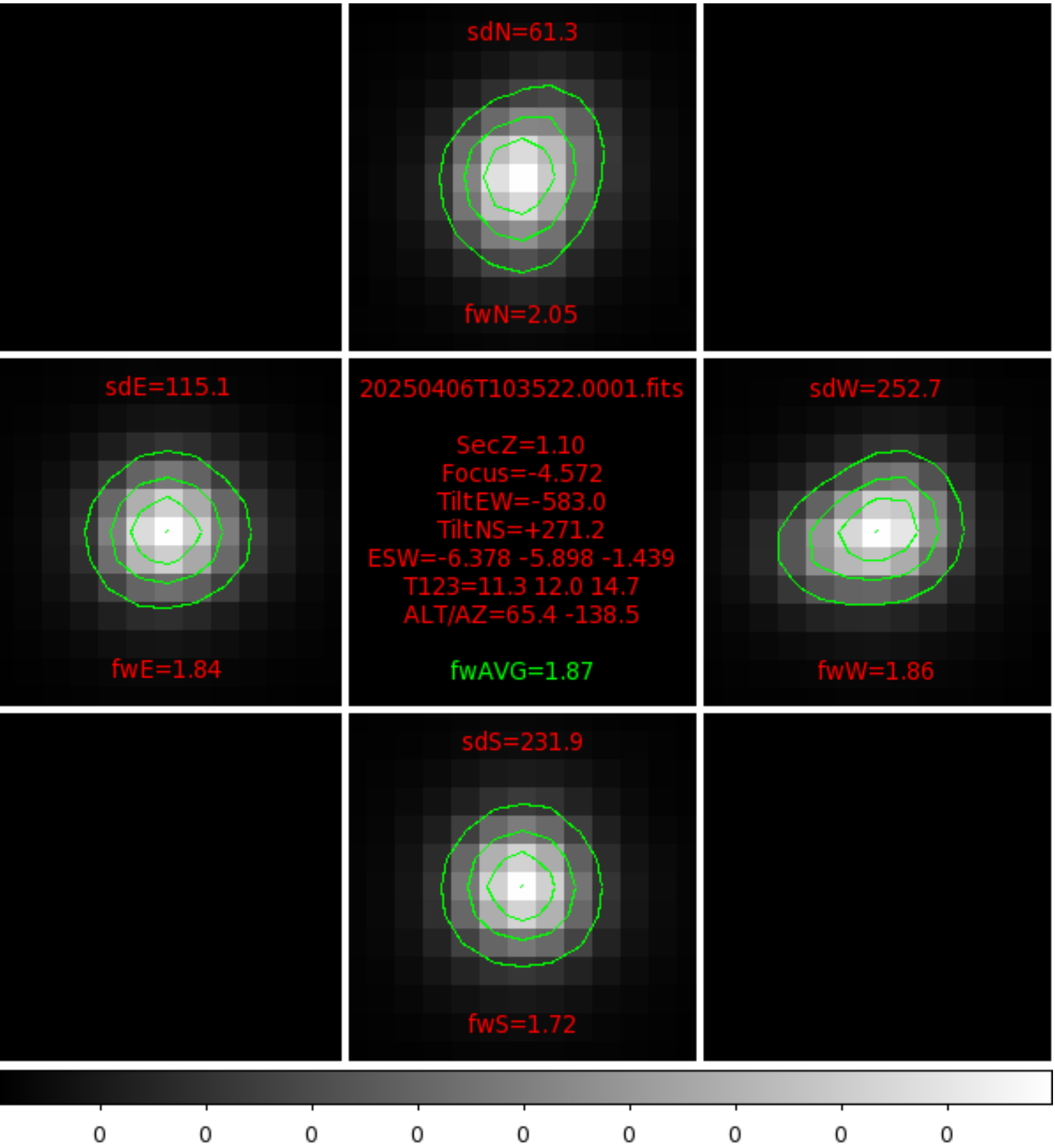
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Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.3 12.0 14.7
ALT/AZ=65.4 -138.5
fwAVG=1.87
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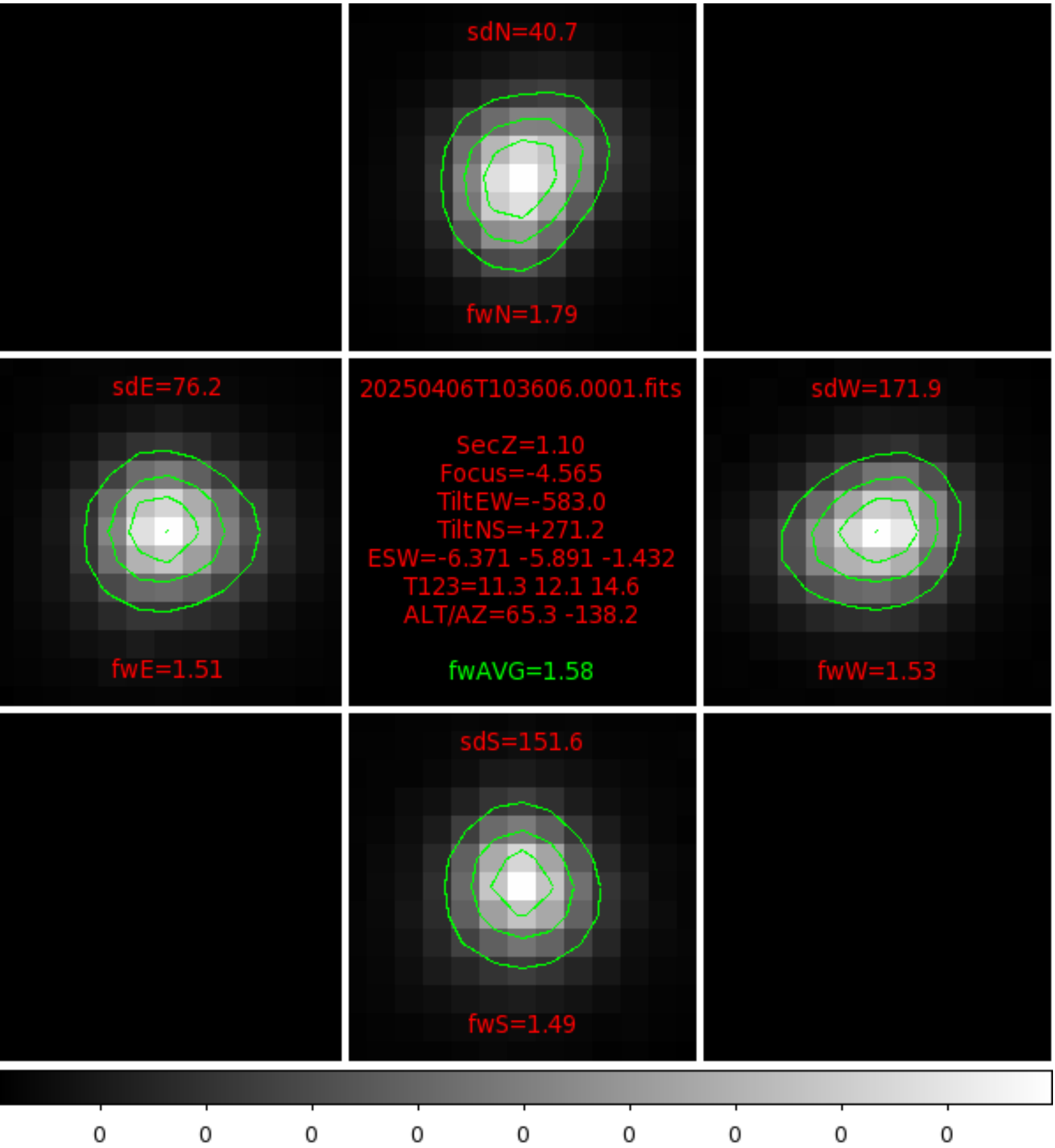
sdN=40.7
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sdE=76.2
fwE=1.51
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SecZ=1.10
Focus=-4.565
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.371 -5.891 -1.432
T123=11.3 12.1 14.6
ALT/AZ=65.3 -138.2
fwAVG=1.58
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sdS=151.6
fwS=1.49
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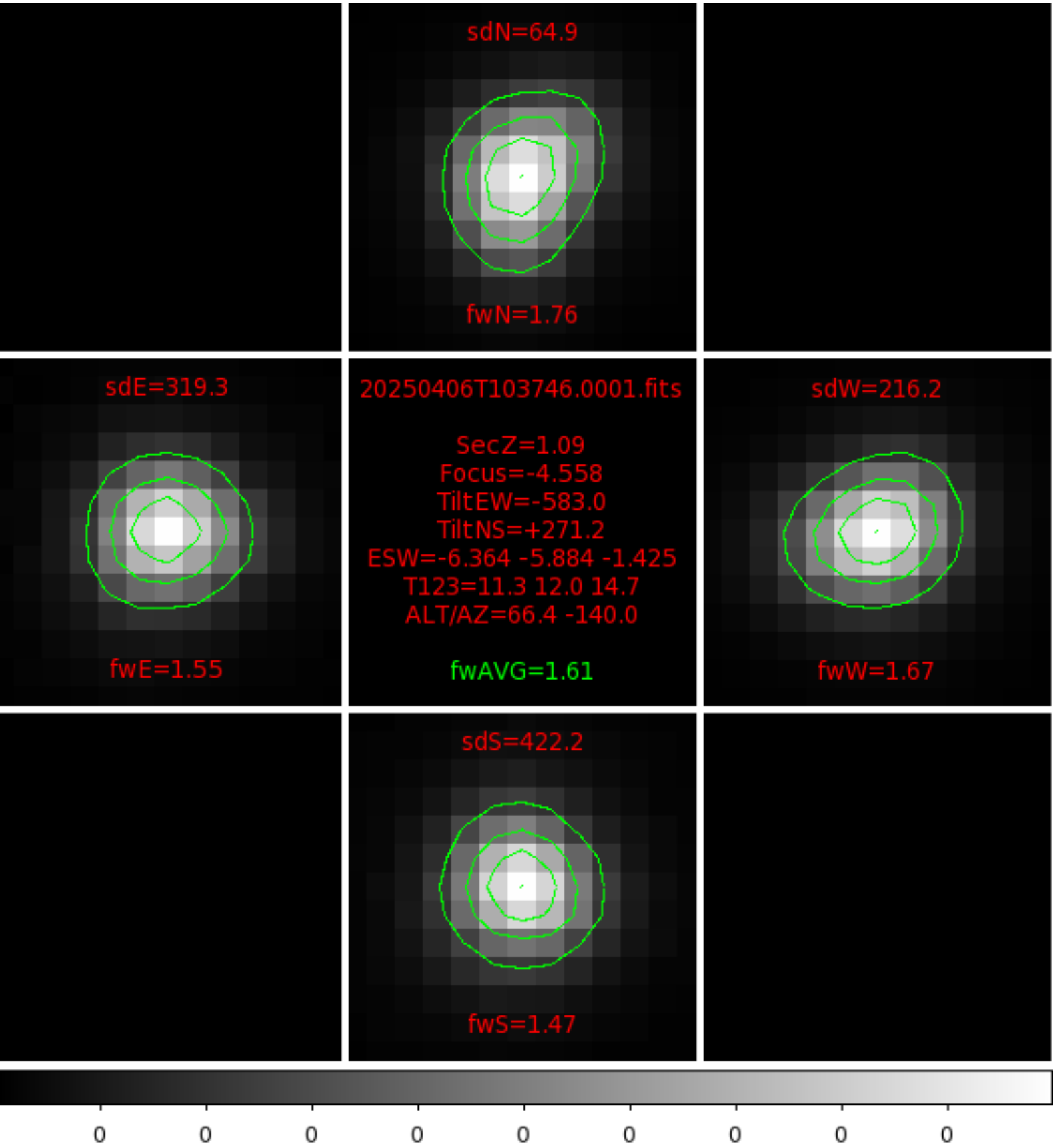
sdN=64.9
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fwE=1.55
20250406T103746.0001.fits
SecZ=1.09
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.3 12.0 14.7
ALT/AZ=66.4 -140.0
fwAVG=1.61
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sdS=422.2
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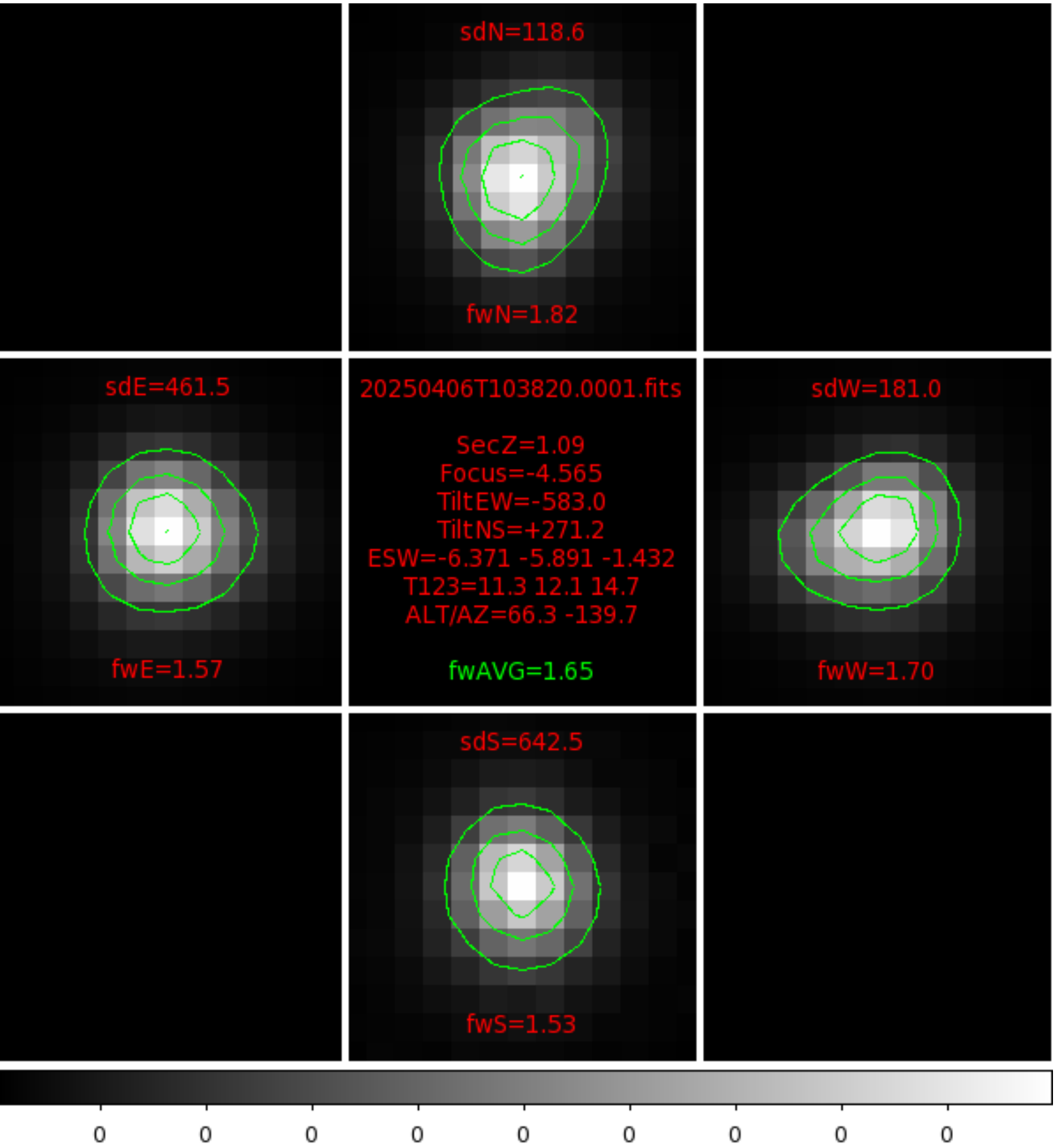
sdN=118.6
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SecZ=1.09
Focus=-4.565
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.371 -5.891 -1.432
T123=11.3 12.1 14.7
ALT/AZ=66.3 -139.7
fwAVG=1.65
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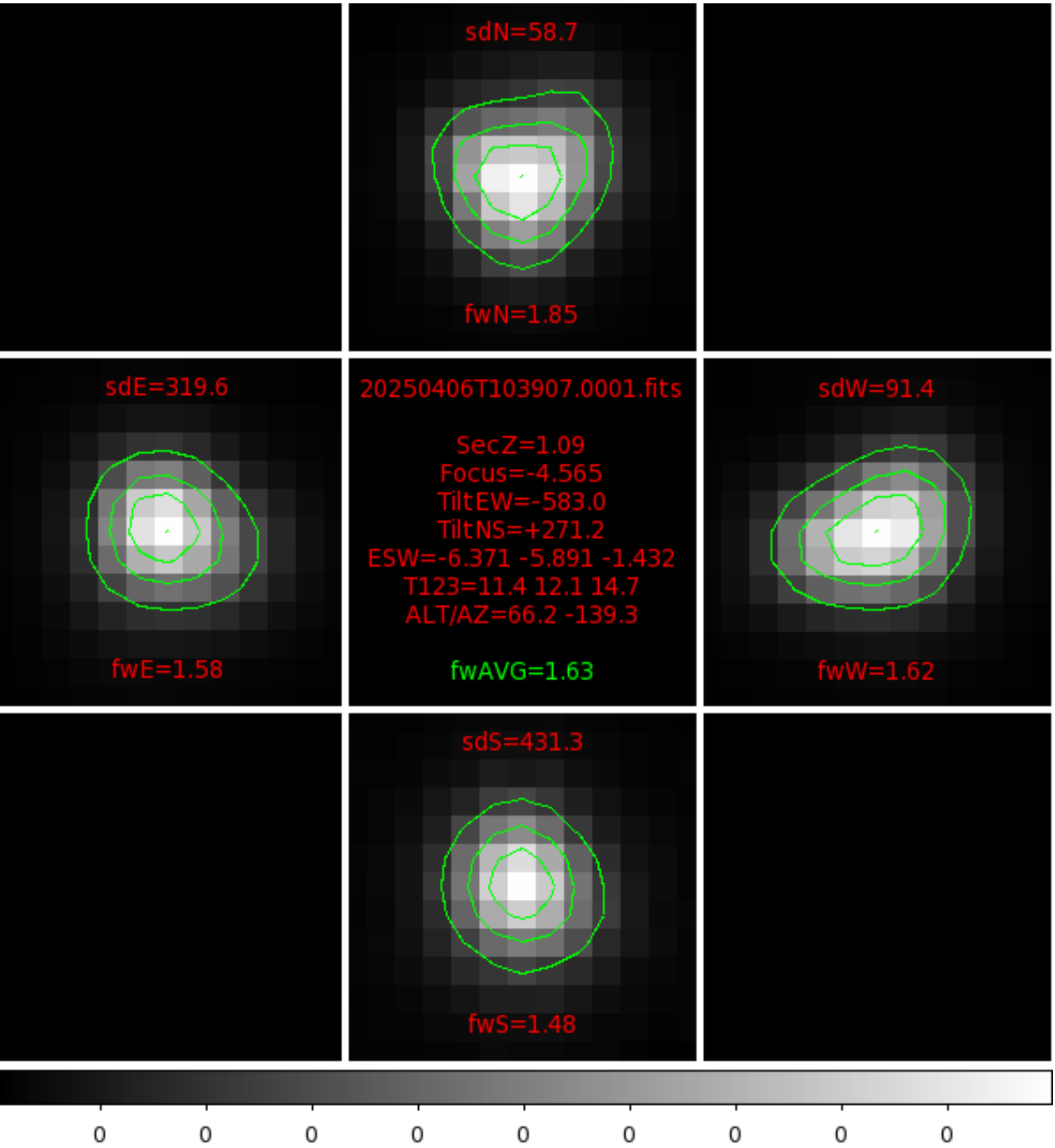
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fwE=1.58
20250406T103907.0001.fits
SecZ=1.09
Focus=-4.565
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.371 -5.891 -1.432
T123=11.4 12.1 14.7
ALT/AZ=66.2 -139.3
fwAVG=1.63
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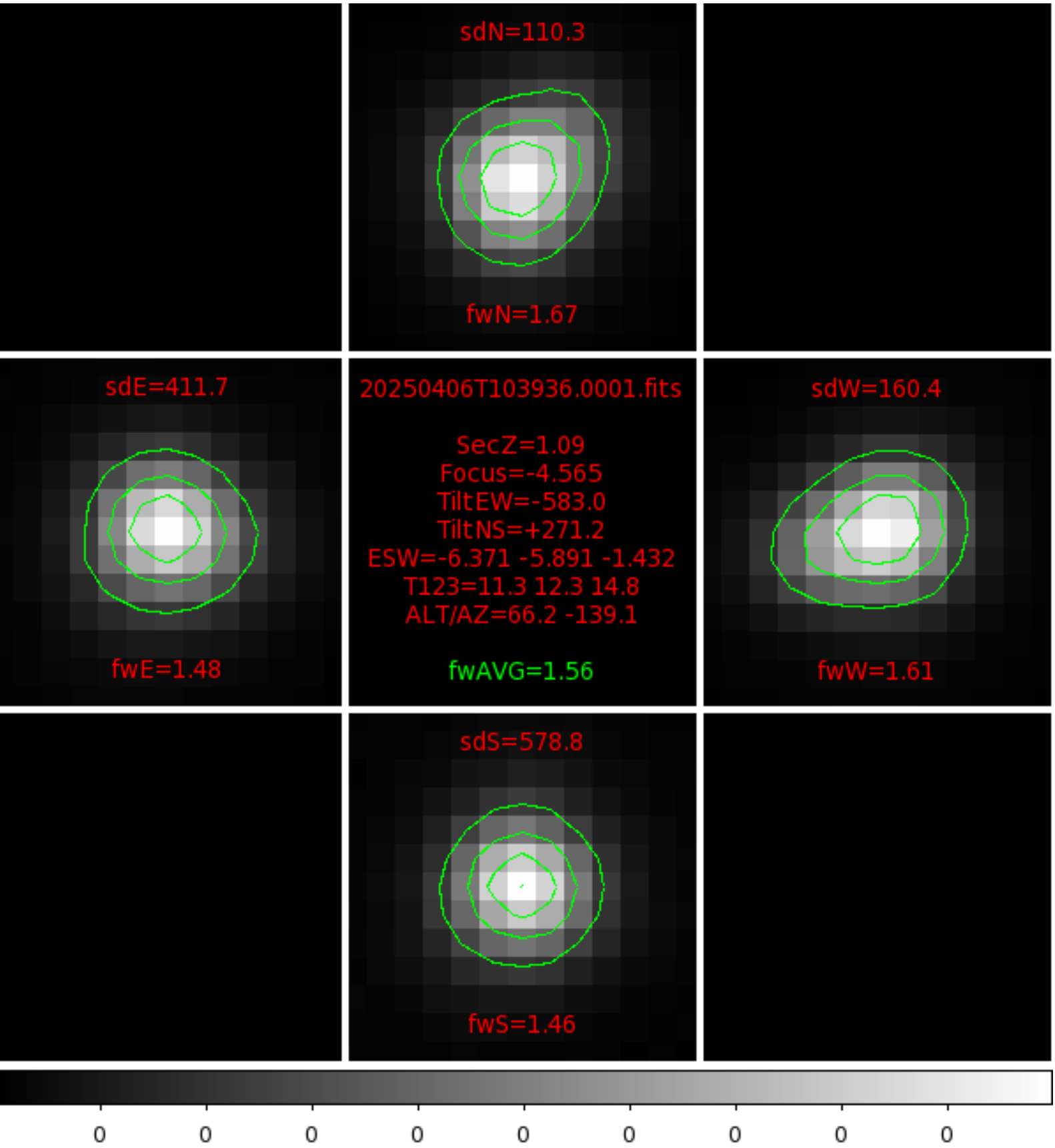
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sdE=411.7
fwE=1.48
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SecZ=1.09
Focus=-4.565
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.371 -5.891 -1.432
T123=11.3 12.3 14.8
ALT/AZ=66.2 -139.1
fwAVG=1.56
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sdS=578.8
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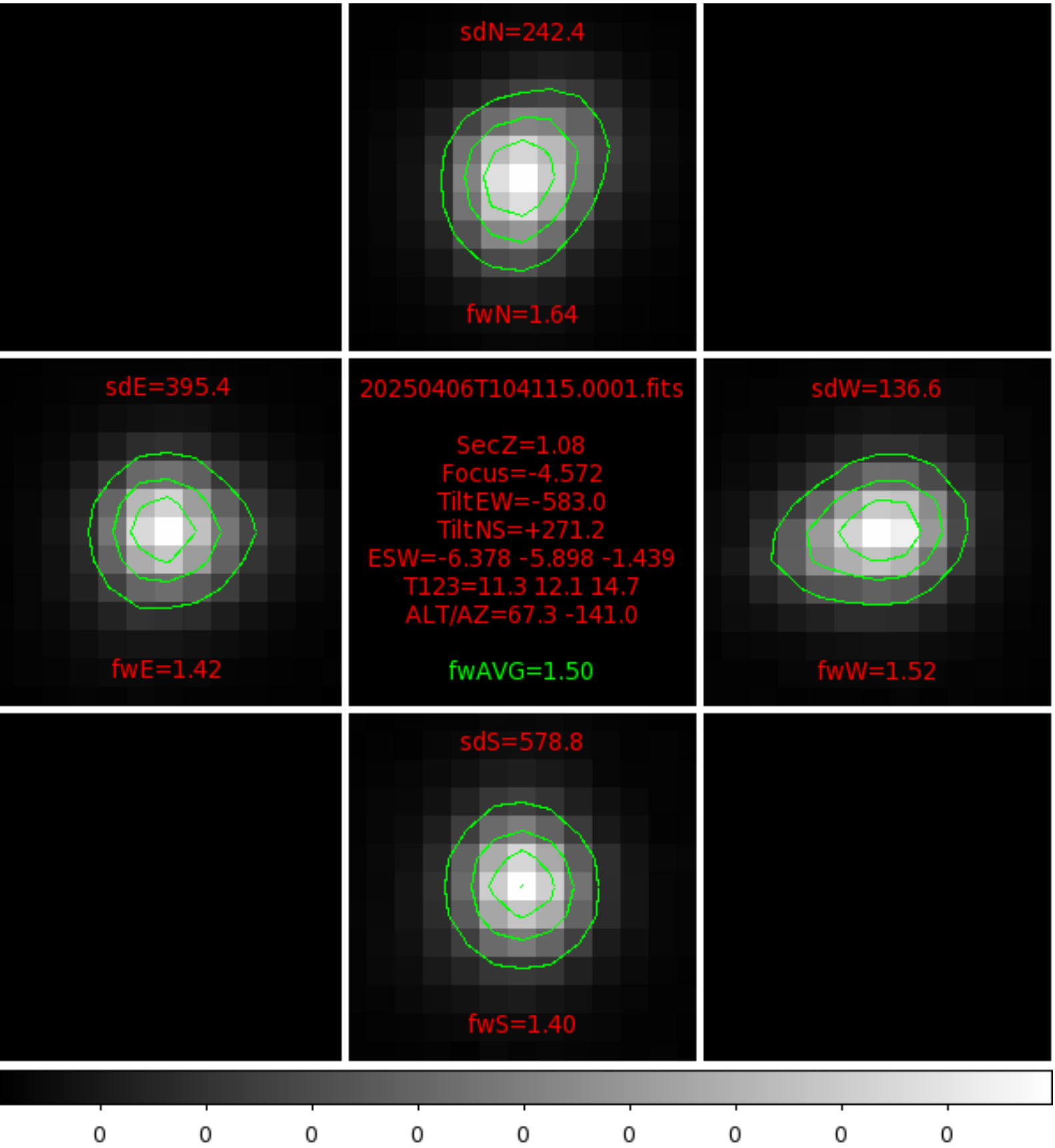
sdN=242.4
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20250406T104115.0001.fits
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Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.3 12.1 14.7
ALT/AZ=67.3 -141.0
fwAVG=1.50
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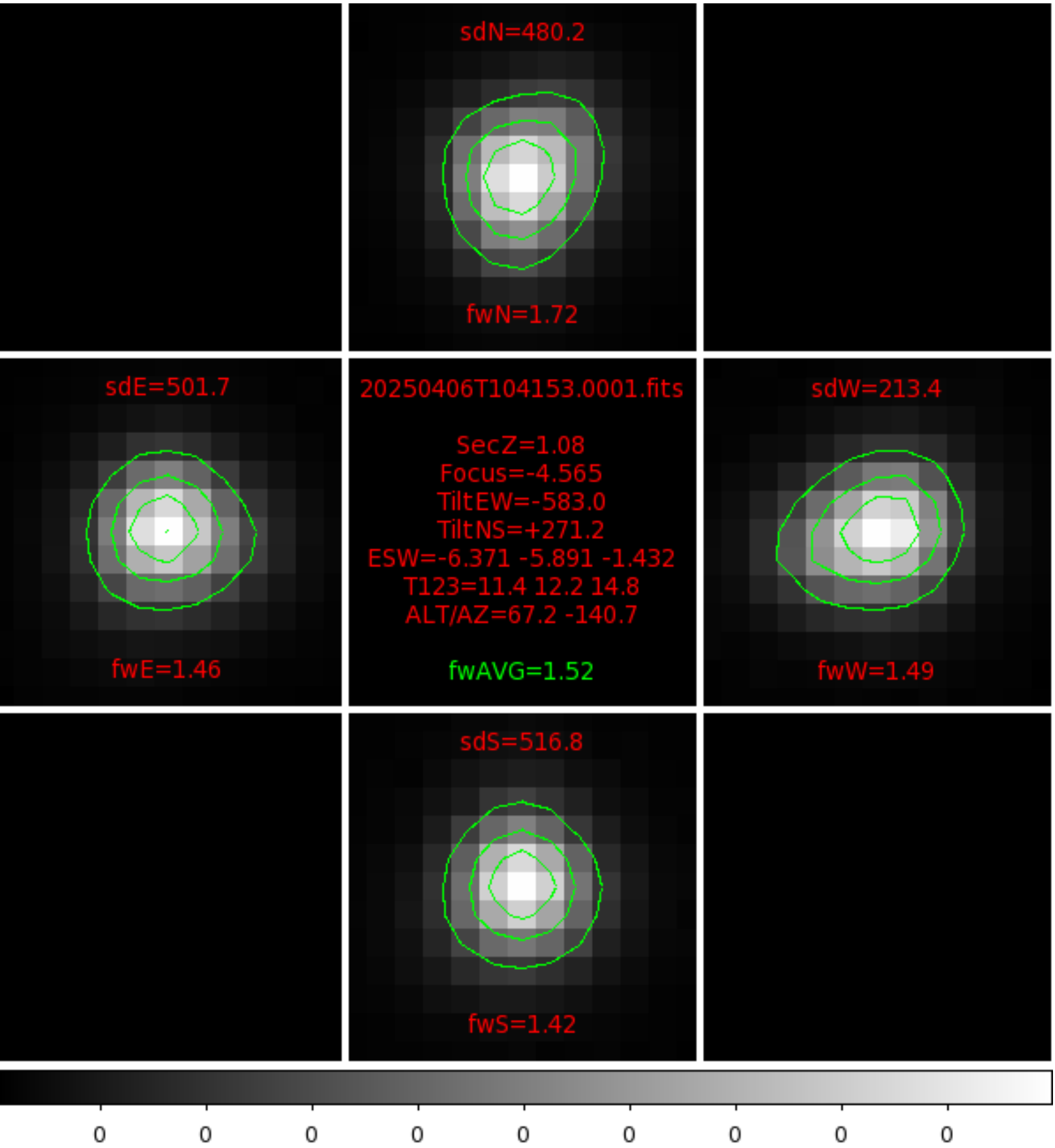
sdN=480.2
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sdE=501.7
fwE=1.46
20250406T104153.0001.fits
SecZ=1.08
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.371 -5.891 -1.432
T123=11.4 12.2 14.8
ALT/AZ=67.2 -140.7
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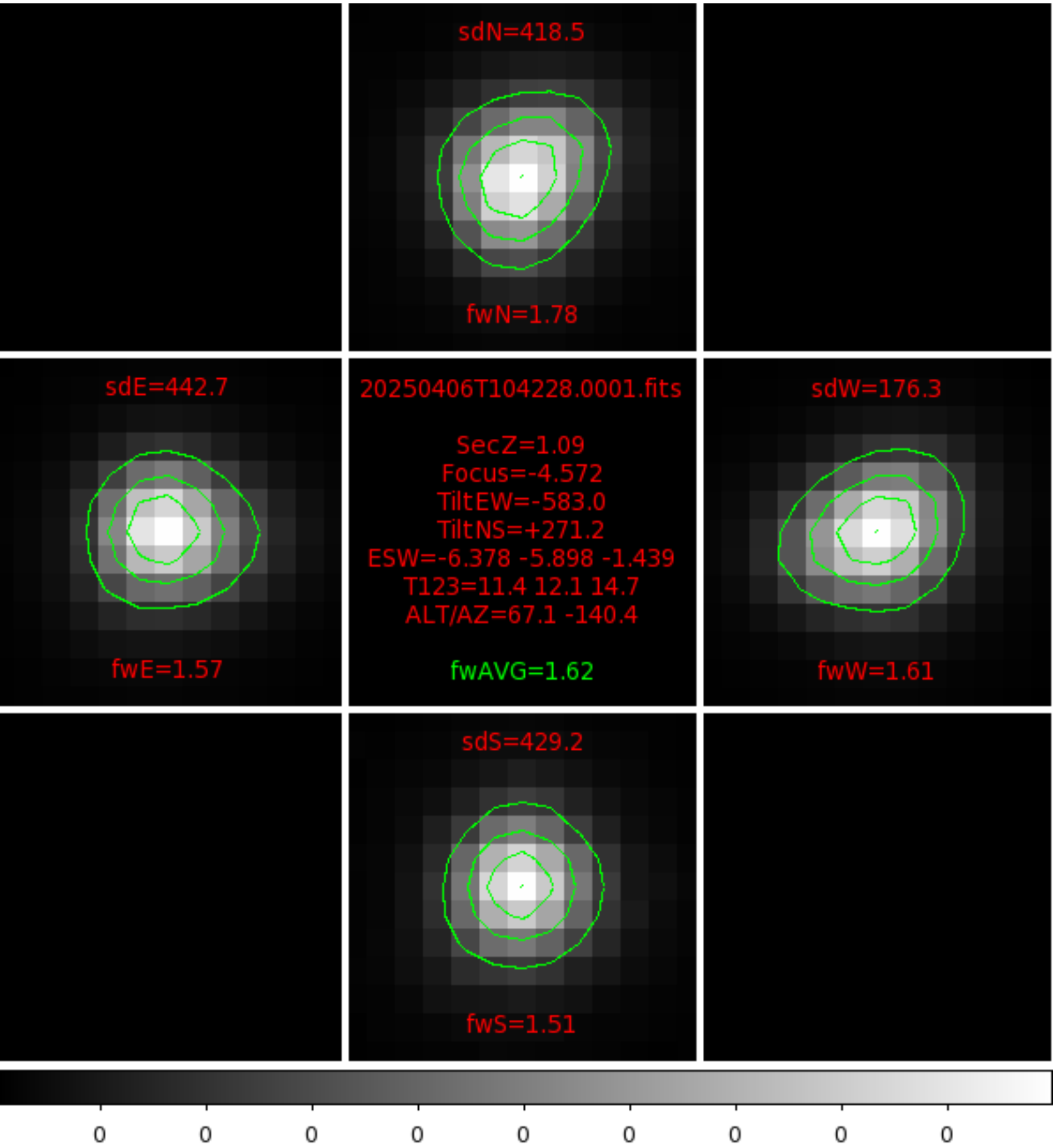
sdN=418.5
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sdE=442.7
fwE=1.57
20250406T104228.0001.fits
SecZ=1.09
Focus=-4.572
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.378 -5.898 -1.439
T123=11.4 12.1 14.7
ALT/AZ=67.1 -140.4
fwAVG=1.62
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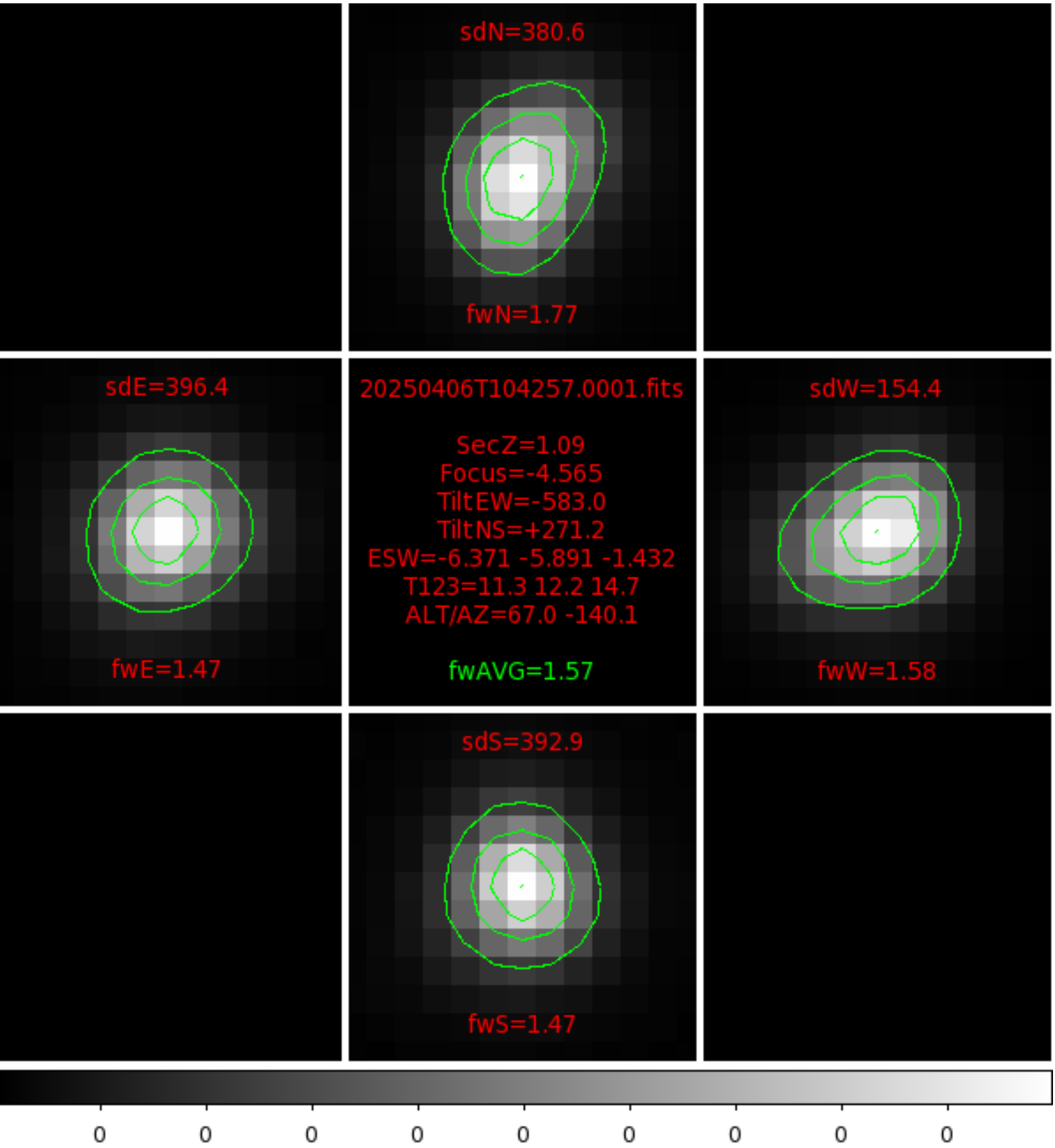
sdN=380.6
fwN=1.77
sdE=396.4
fwE=1.47
20250406T104257.0001.fits
SecZ=1.09
Focus=-4.565
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.371 -5.891 -1.432
T123=11.3 12.2 14.7
ALT/AZ=67.0 -140.1
fwAVG=1.57
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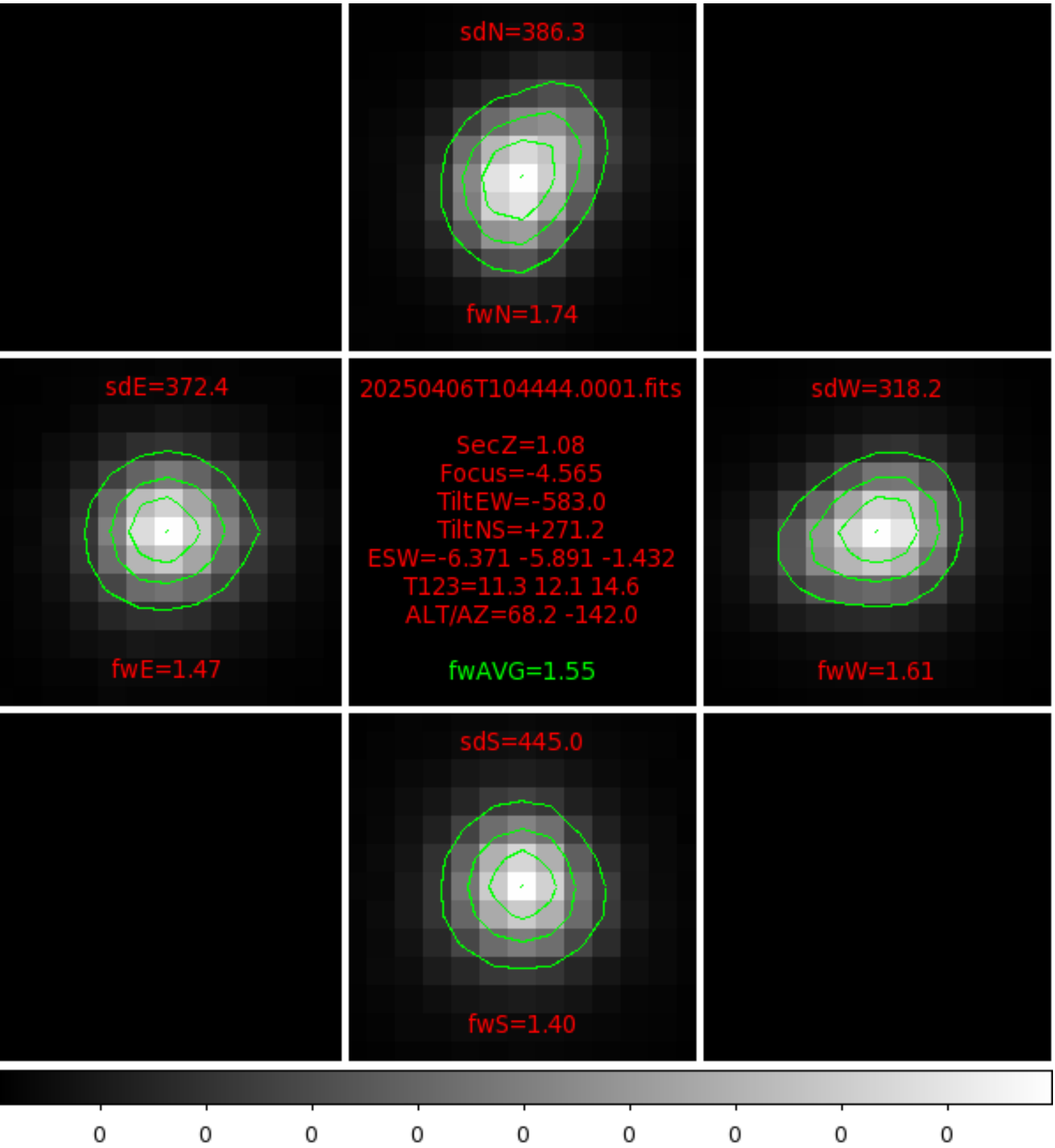
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.371 -5.891 -1.432
T123=11.3 12.1 14.6
ALT/AZ=68.2 -142.0
fwAVG=1.55
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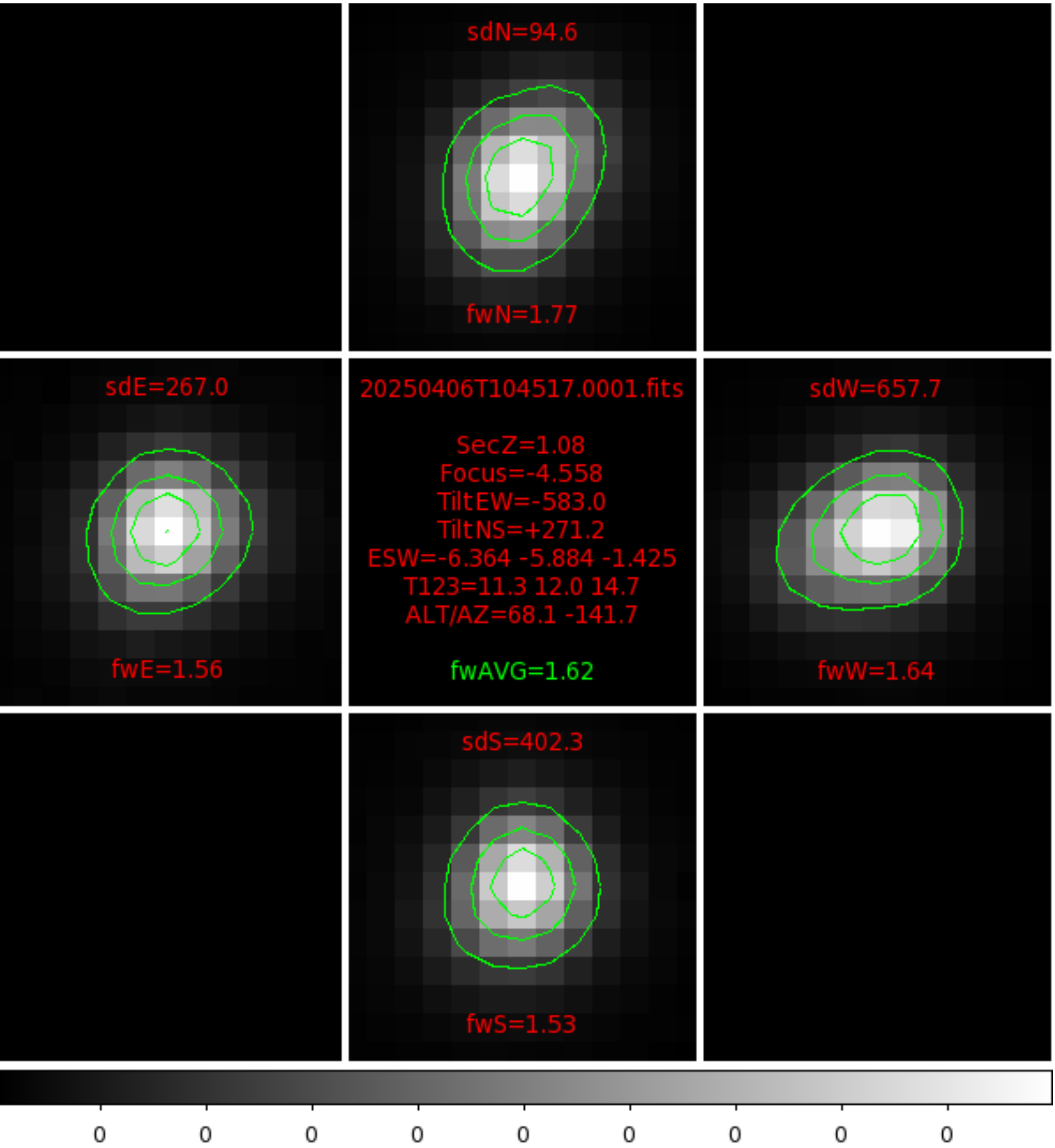
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SecZ=1.08
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.3 12.0 14.7
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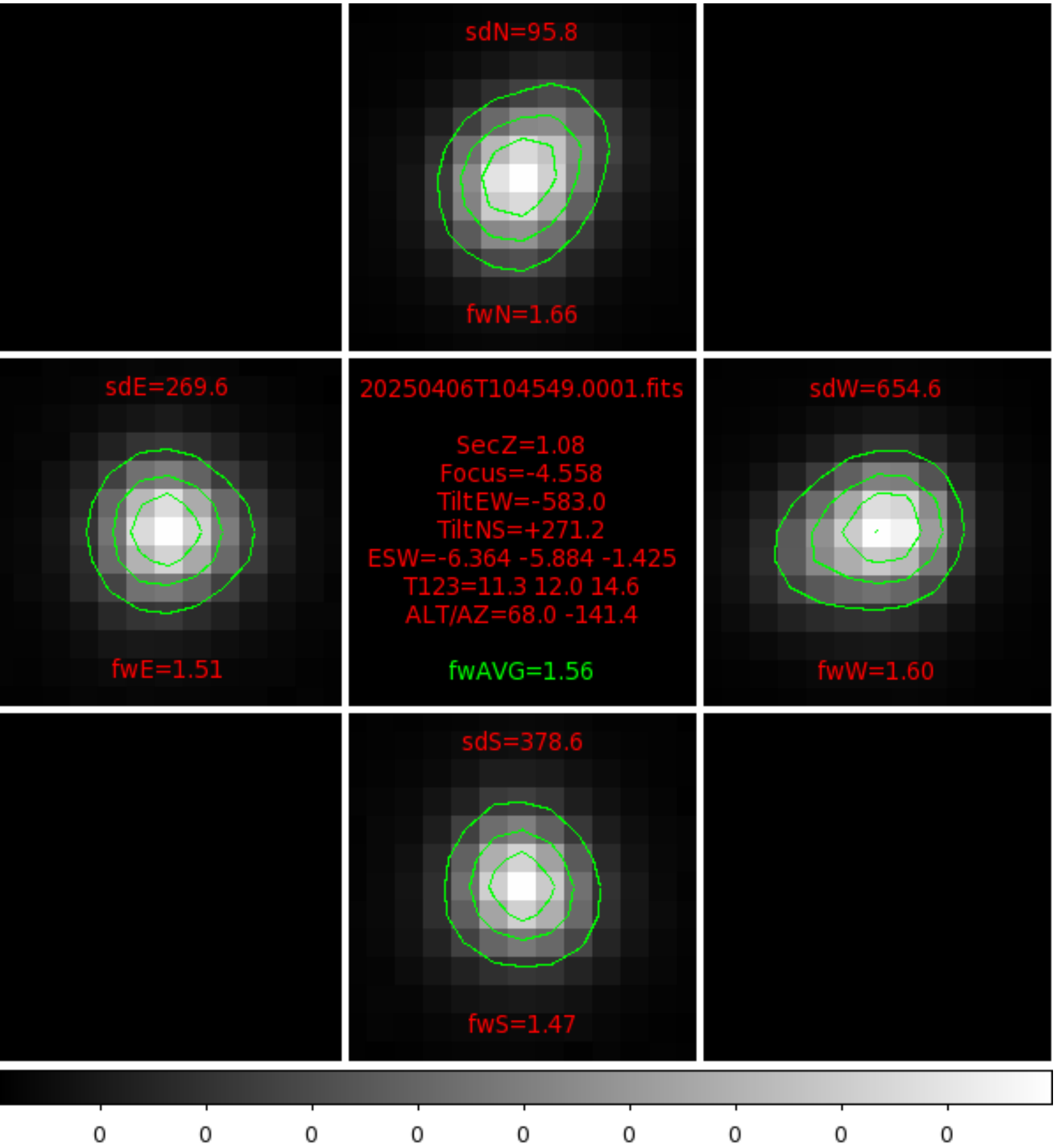
sdN=95.8
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fwE=1.51
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Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.3 12.0 14.6
ALT/AZ=68.0 -141.4
fwAVG=1.56
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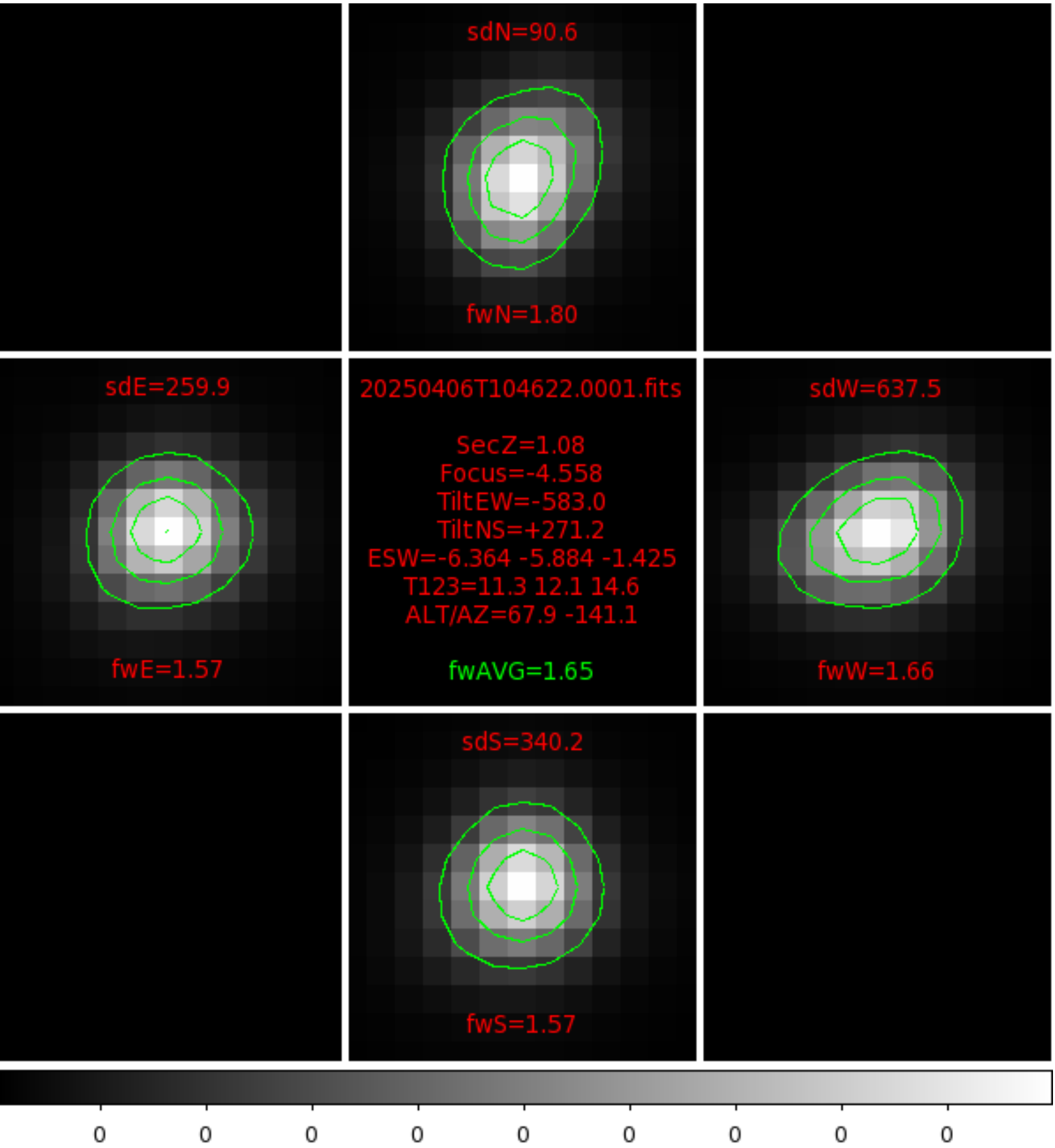
sdN=90.6
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sdE=259.9
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SecZ=1.08
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.3 12.1 14.6
ALT/AZ=67.9 -141.1
fwAVG=1.65
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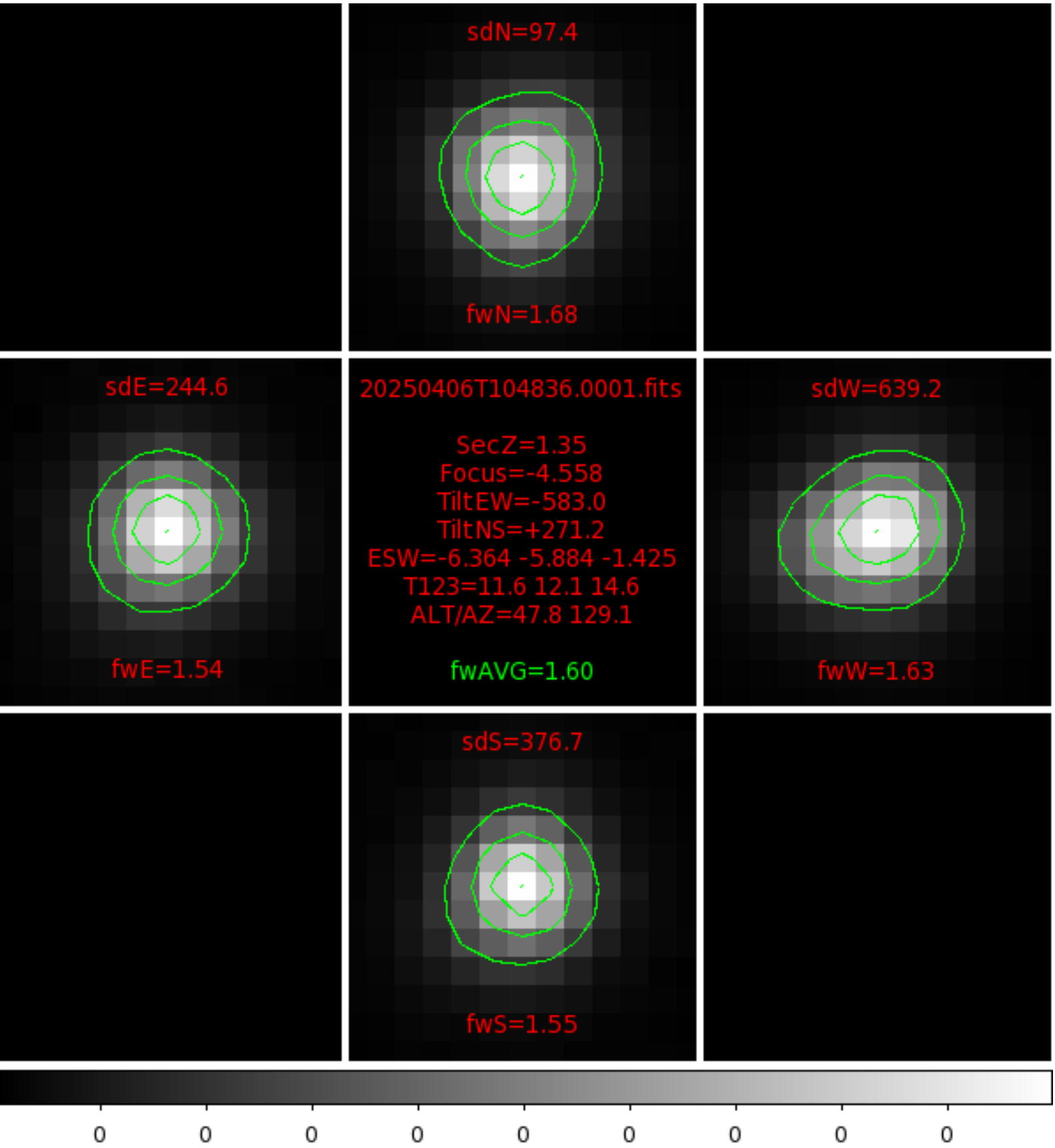
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SecZ=1.35
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.6 12.1 14.6
ALT/AZ=47.8 129.1
fwAVG=1.60
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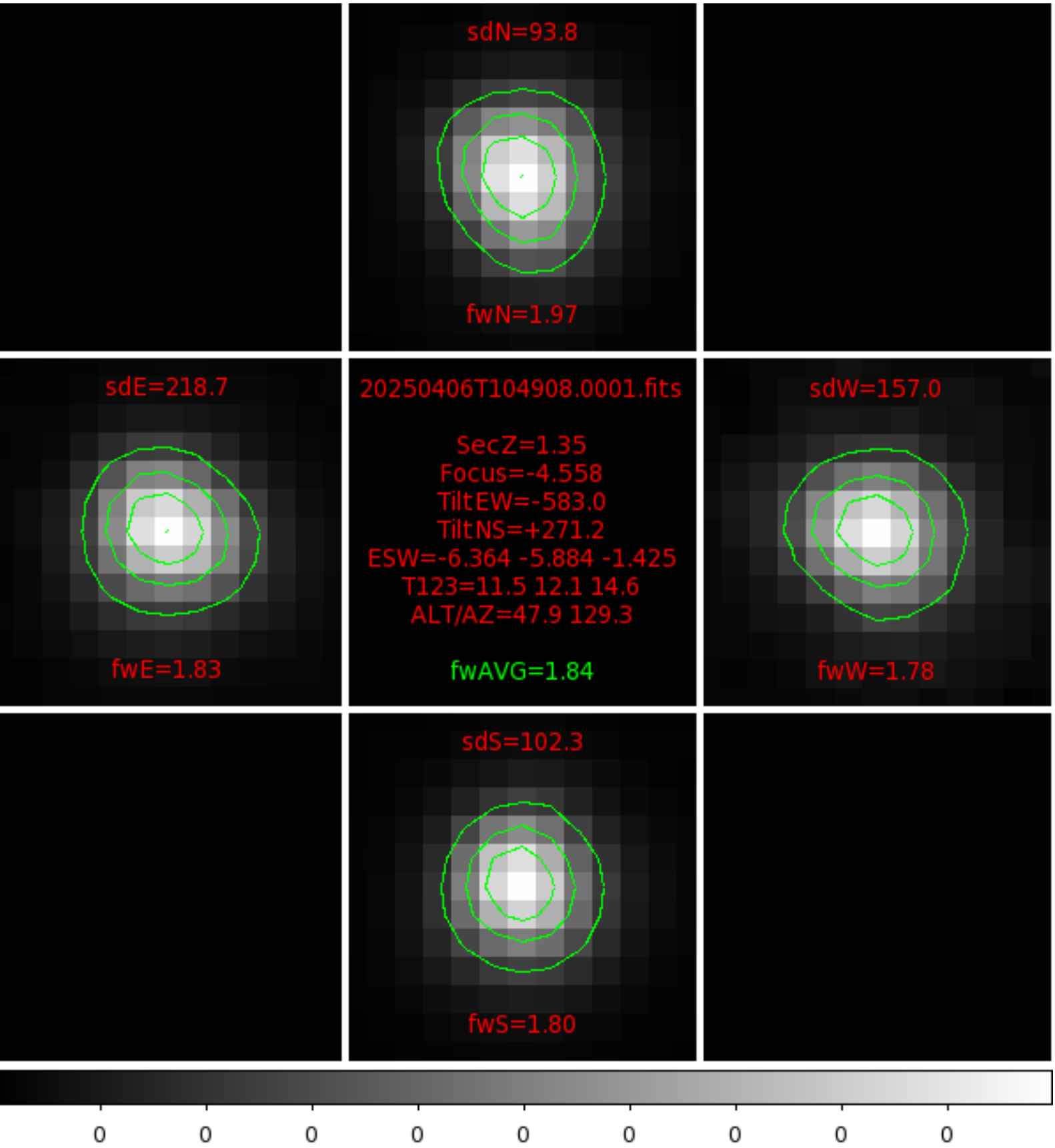
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SecZ=1.35
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.1 14.6
ALT/AZ=47.9 129.3
fwAVG=1.84
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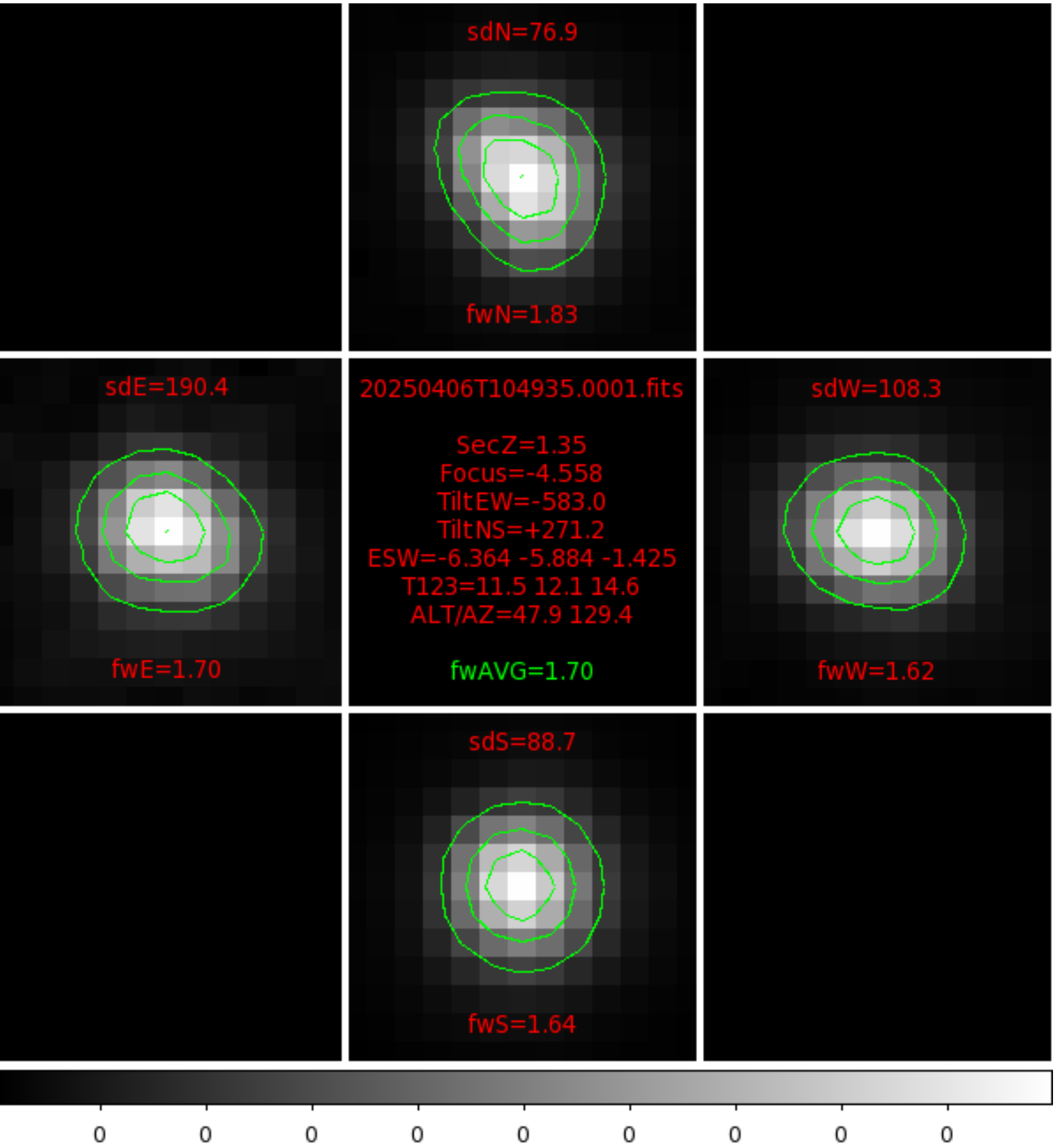
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sdE=190.4
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SecZ=1.35
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.1 14.6
ALT/AZ=47.9 129.4
fwAVG=1.70
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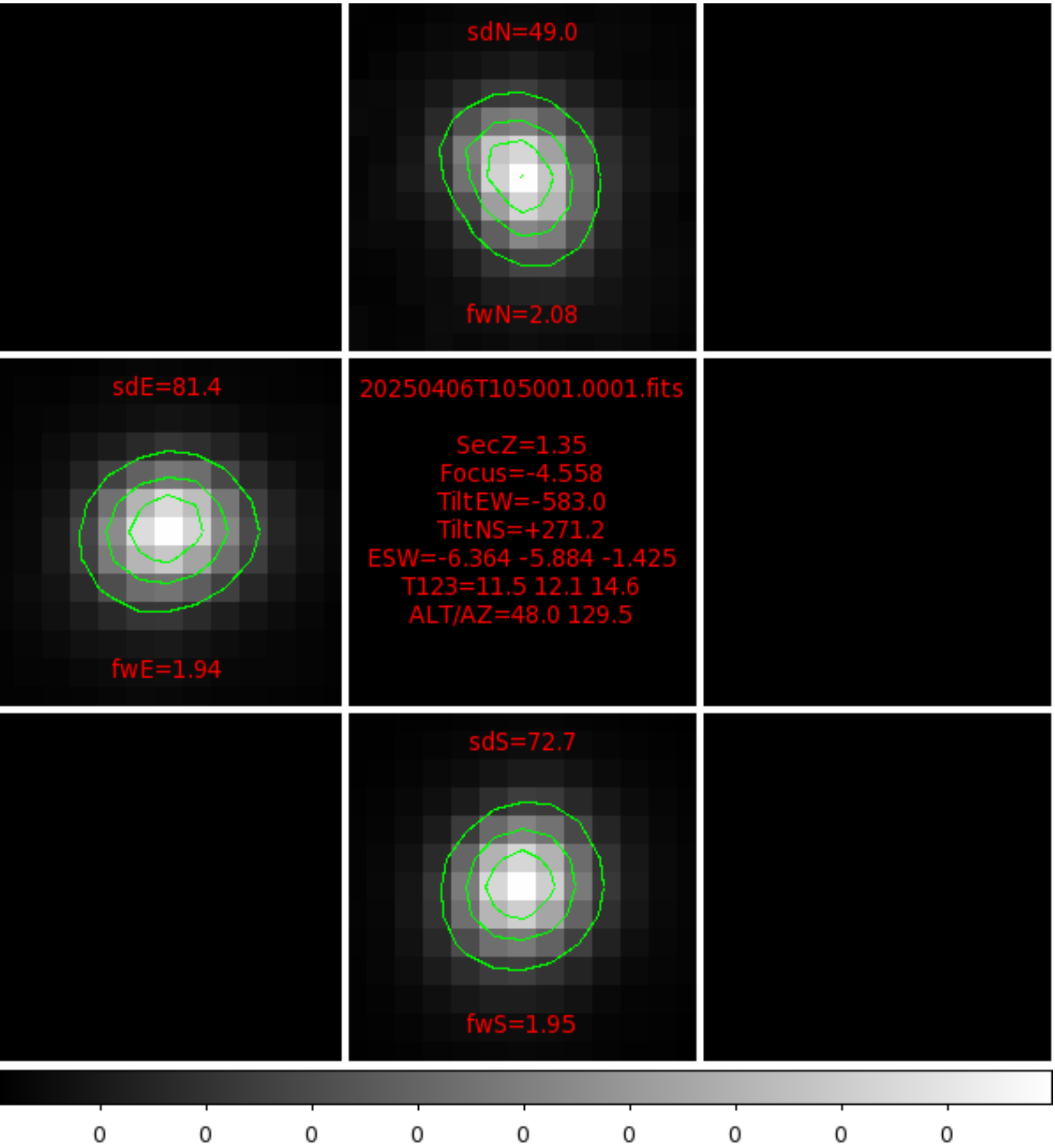
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sdE=81.4
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SecZ=1.35
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.1 14.6
ALT/AZ=48.0 129.5
sdS=72.7
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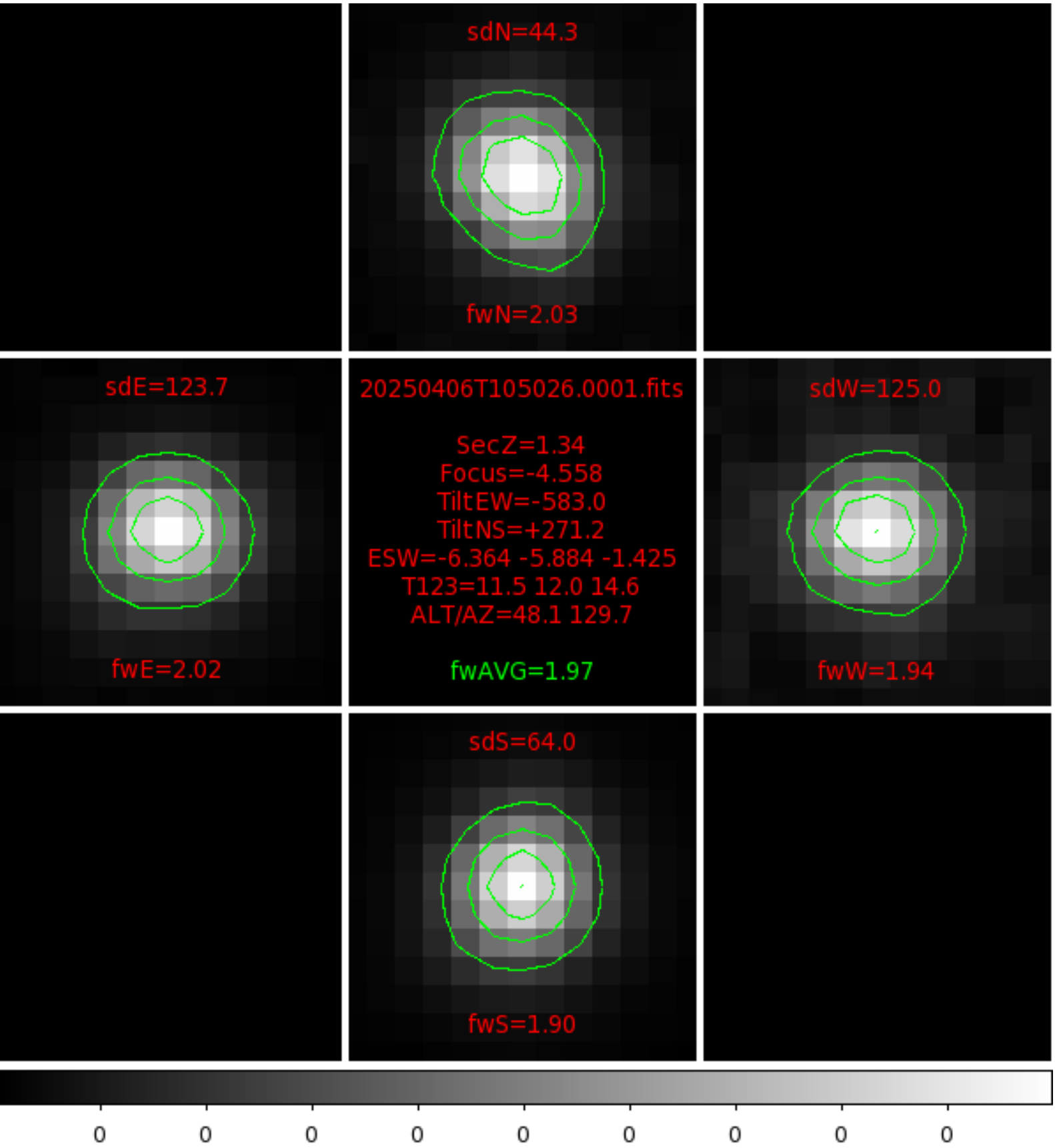
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SecZ=1.34
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.0 14.6
ALT/AZ=48.1 129.7
fwAVG=1.97
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sdS=64.0
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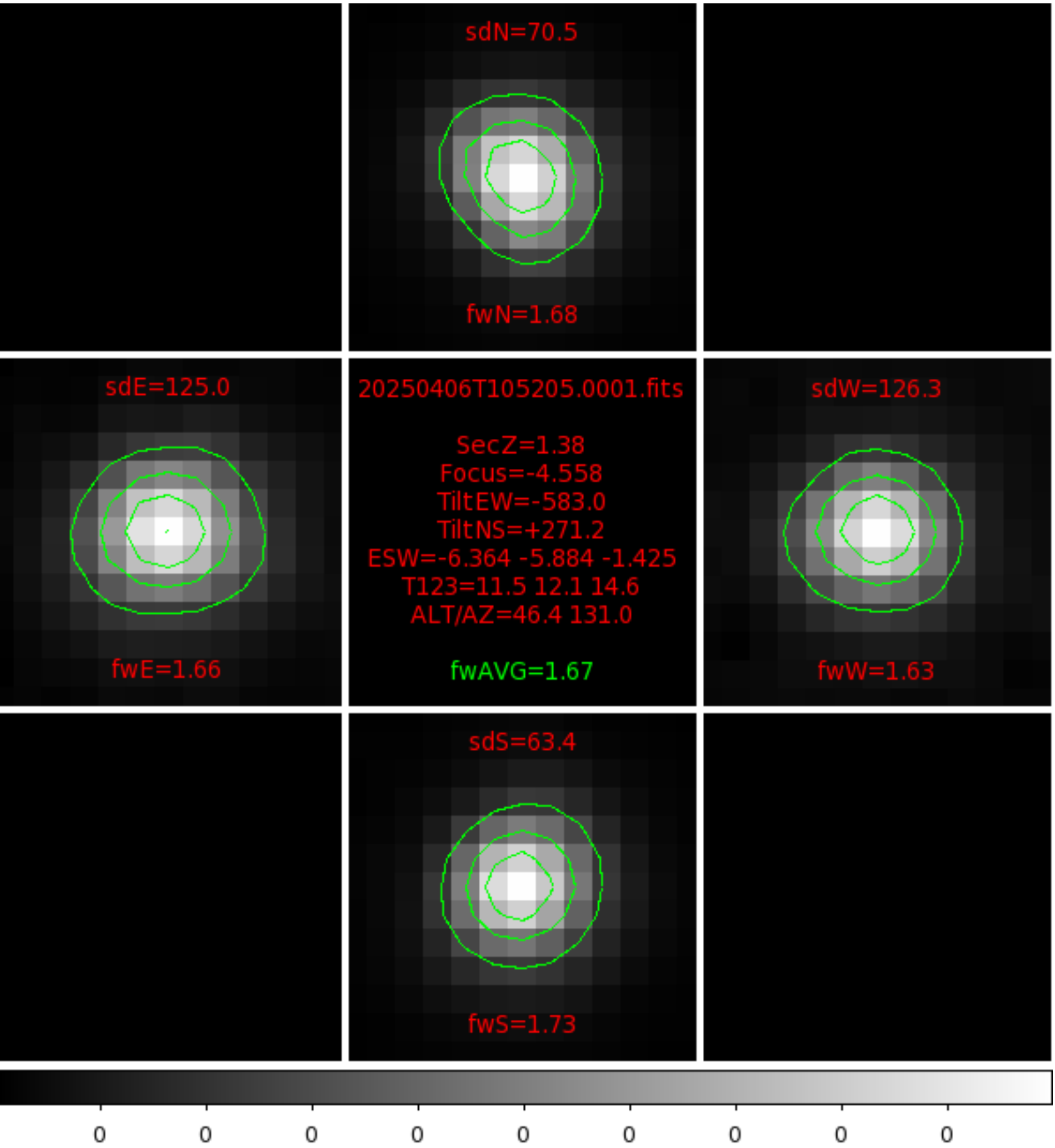
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sdE=125.0
fwE=1.66
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SecZ=1.38
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.1 14.6
ALT/AZ=46.4 131.0
fwAVG=1.67
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sdS=63.4
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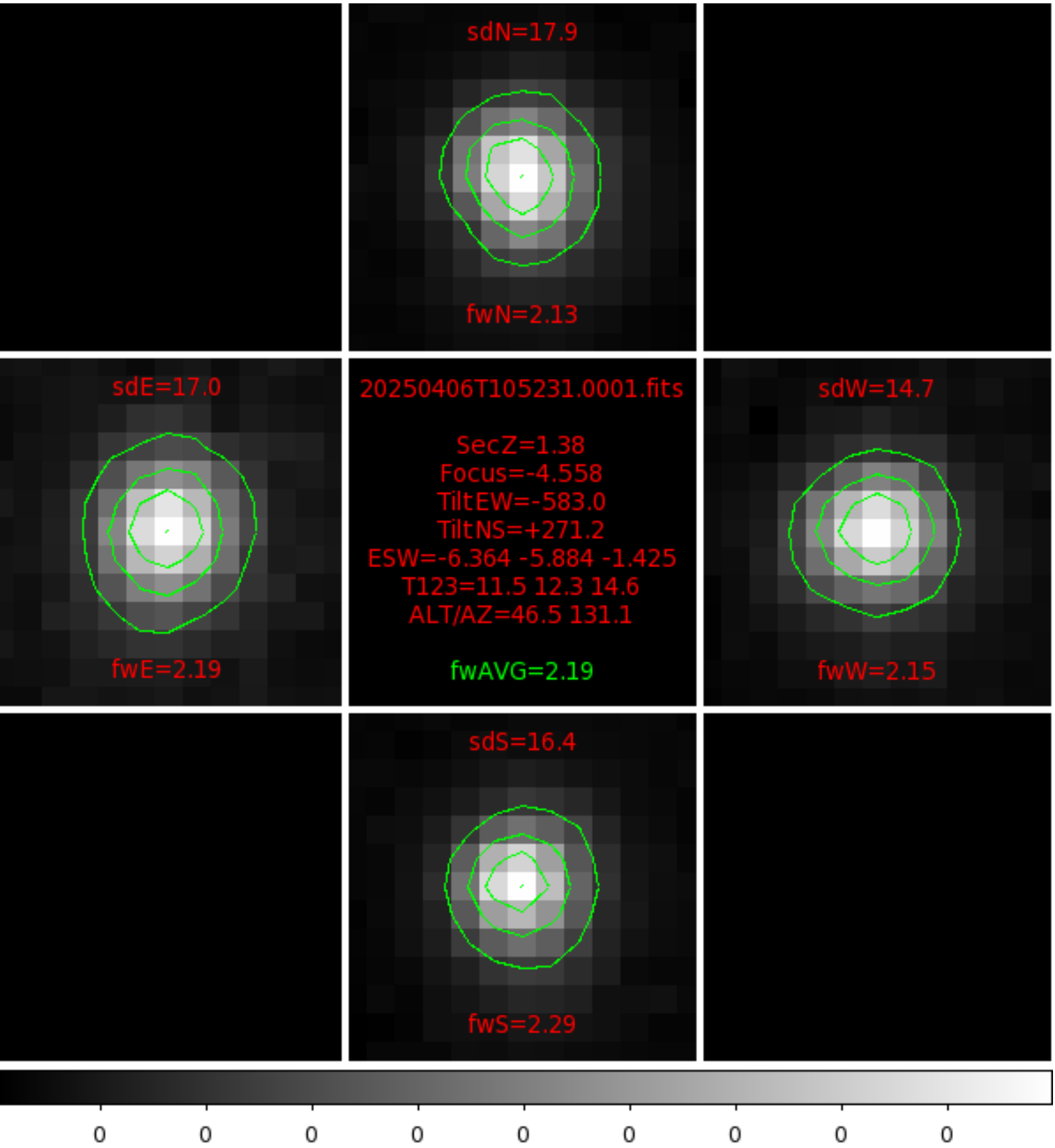
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Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.3 14.6
ALT/AZ=46.5 131.1
fwAVG=2.19
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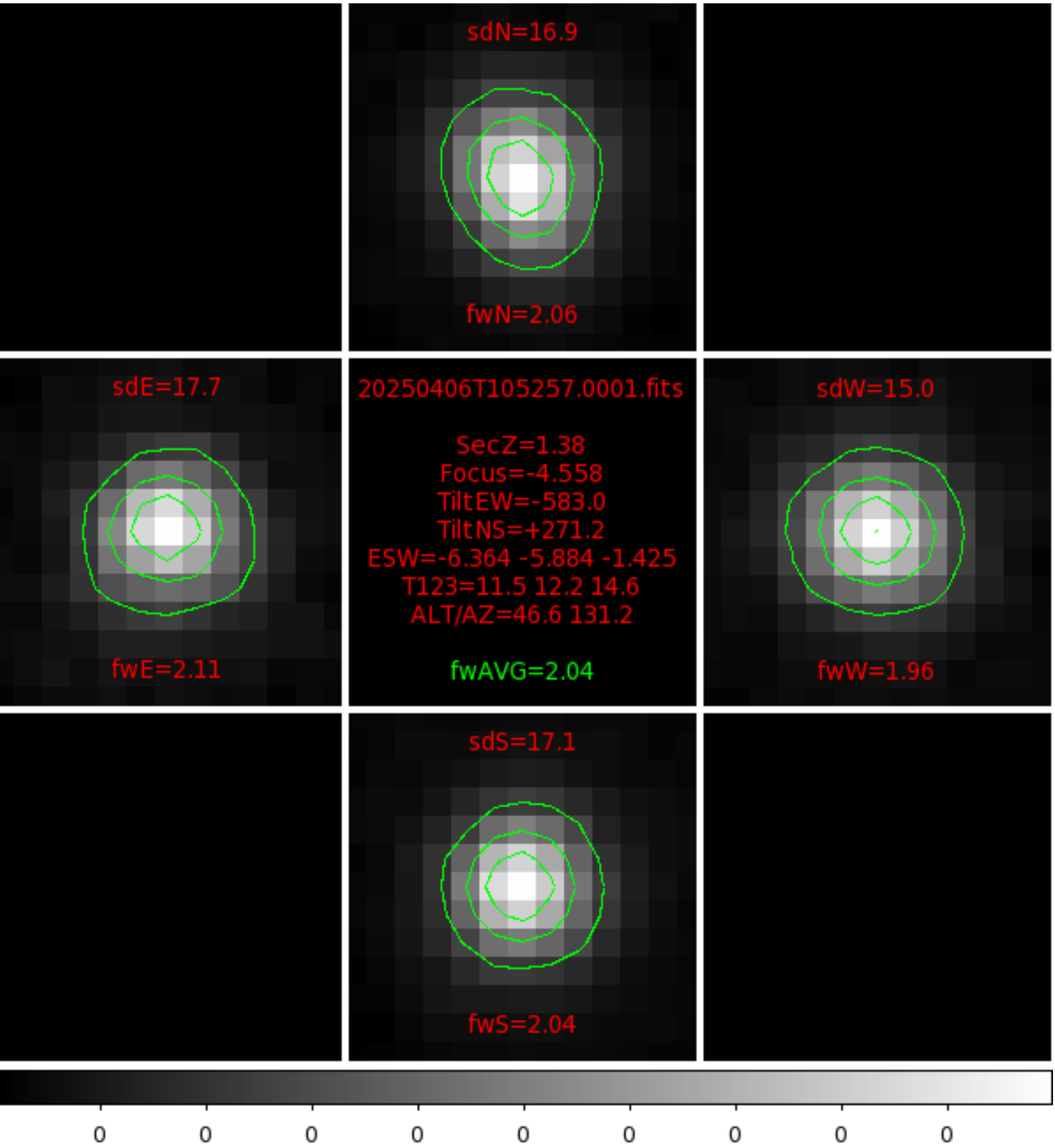
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TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.2 14.6
ALT/AZ=46.6 131.2
fwAVG=2.04
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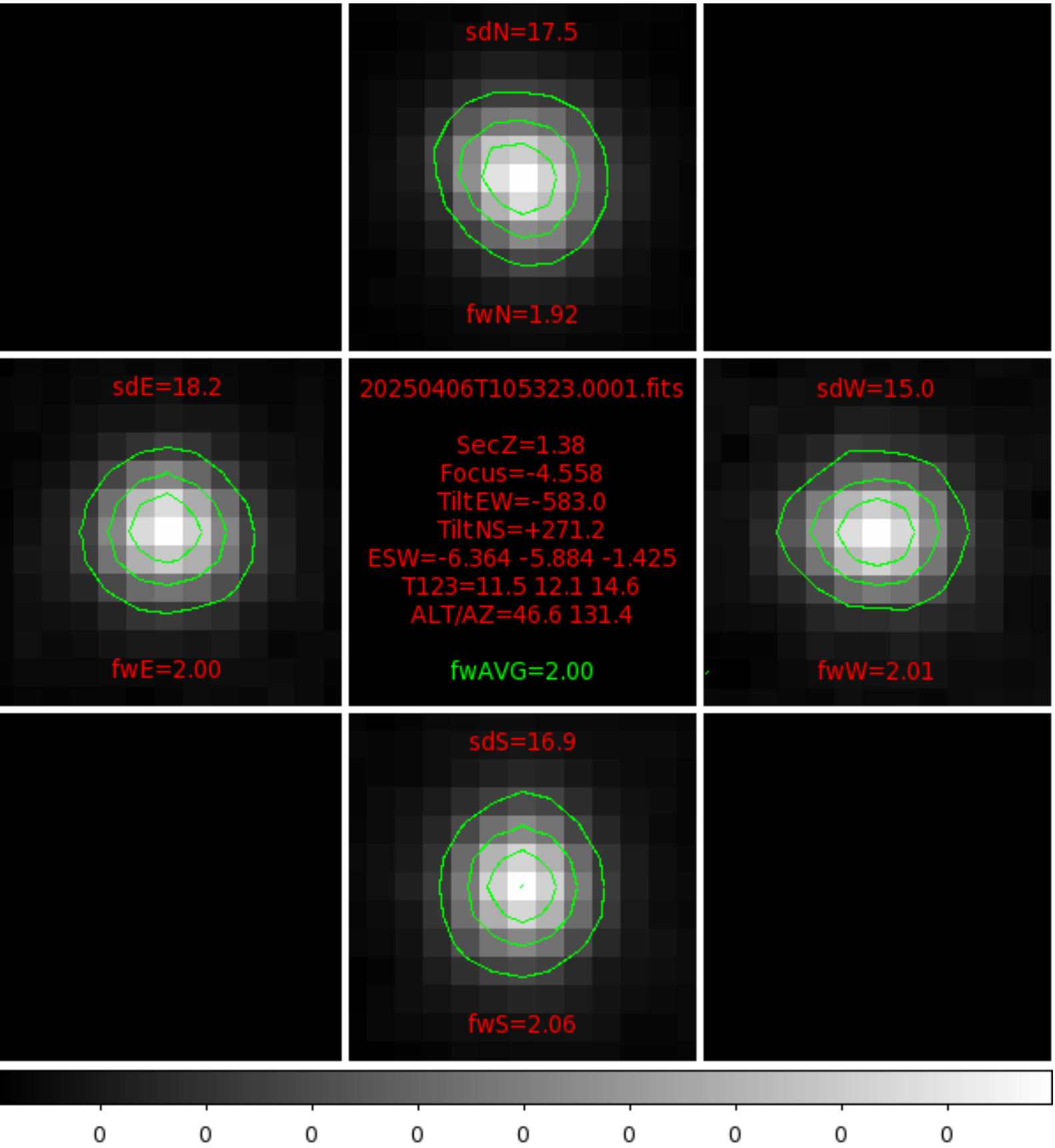
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SecZ=1.38
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.1 14.6
ALT/AZ=46.6 131.4
fwAVG=2.00
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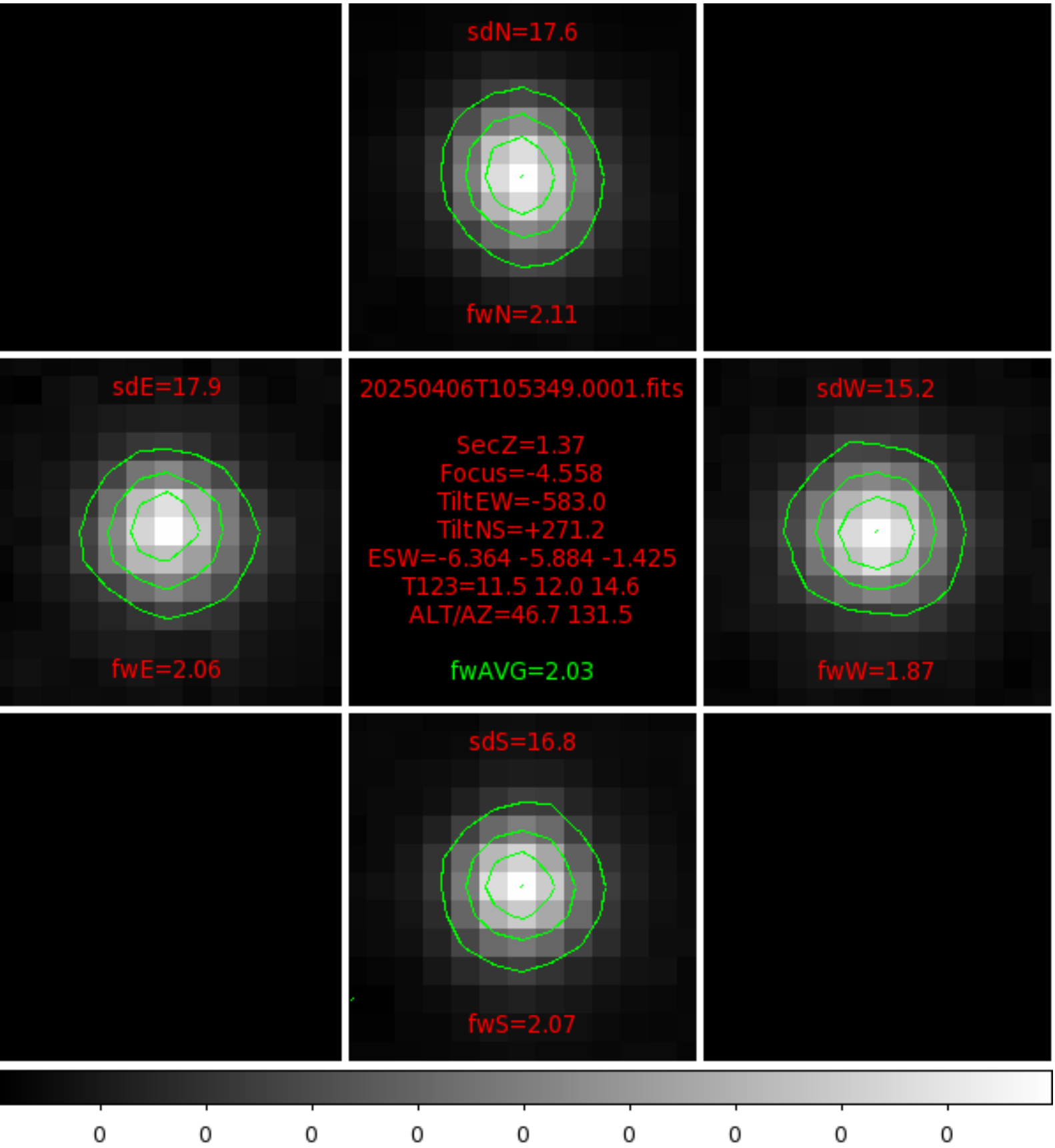
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TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.0 14.6
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fwAVG=2.03
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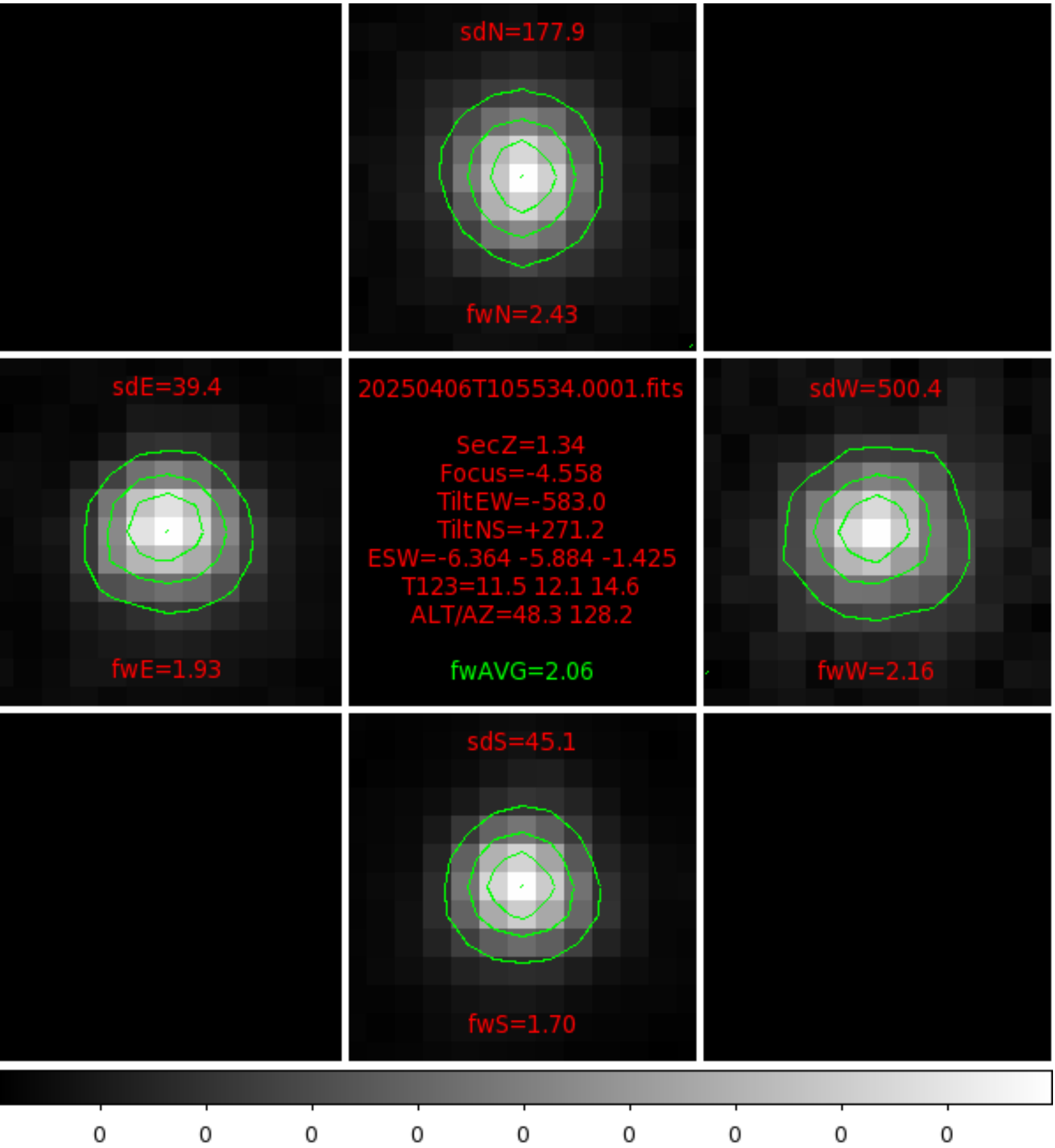
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.1 14.6
ALT/AZ=48.3 128.2
fwAVG=2.06
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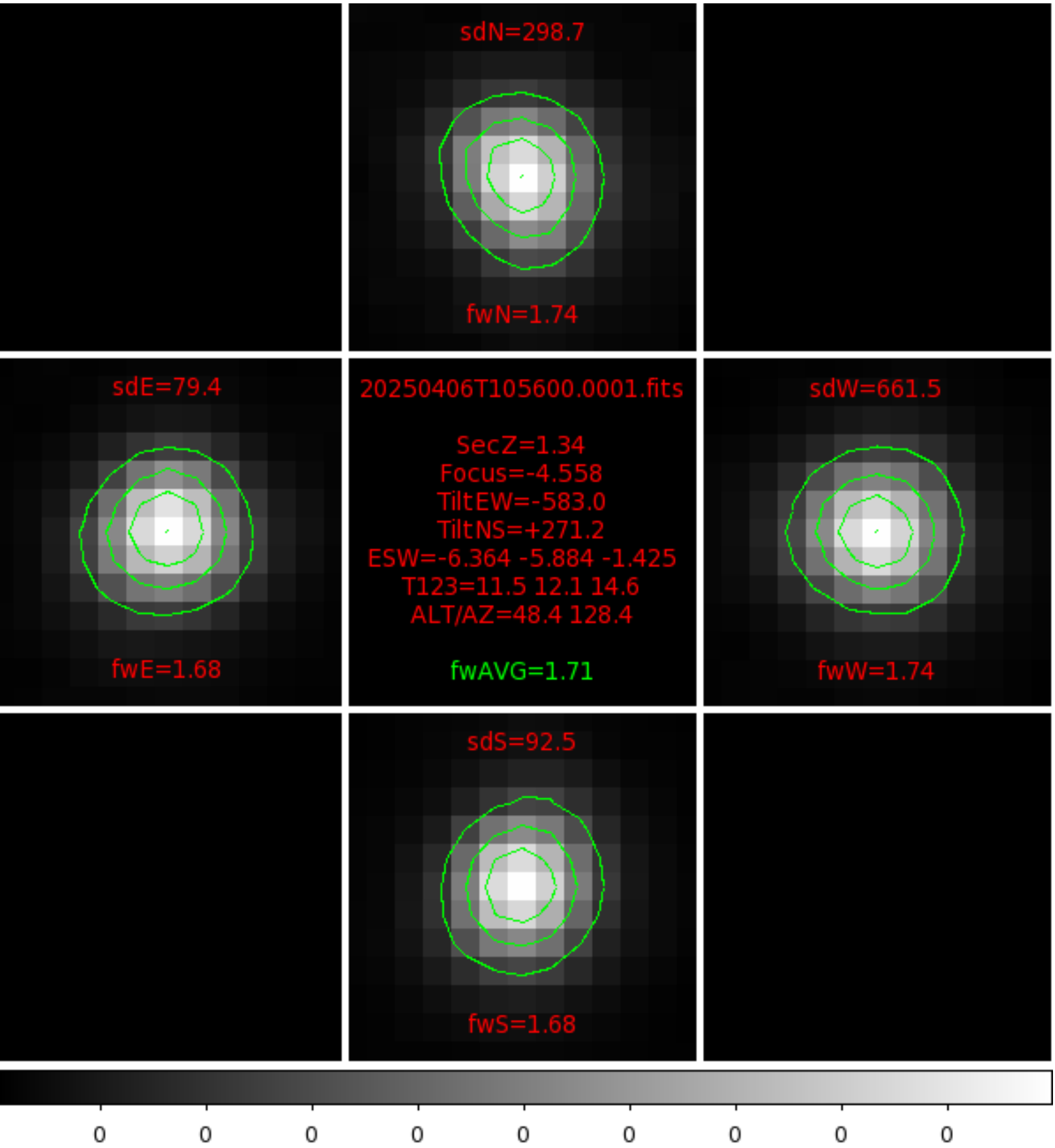
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Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.1 14.6
ALT/AZ=48.4 128.4
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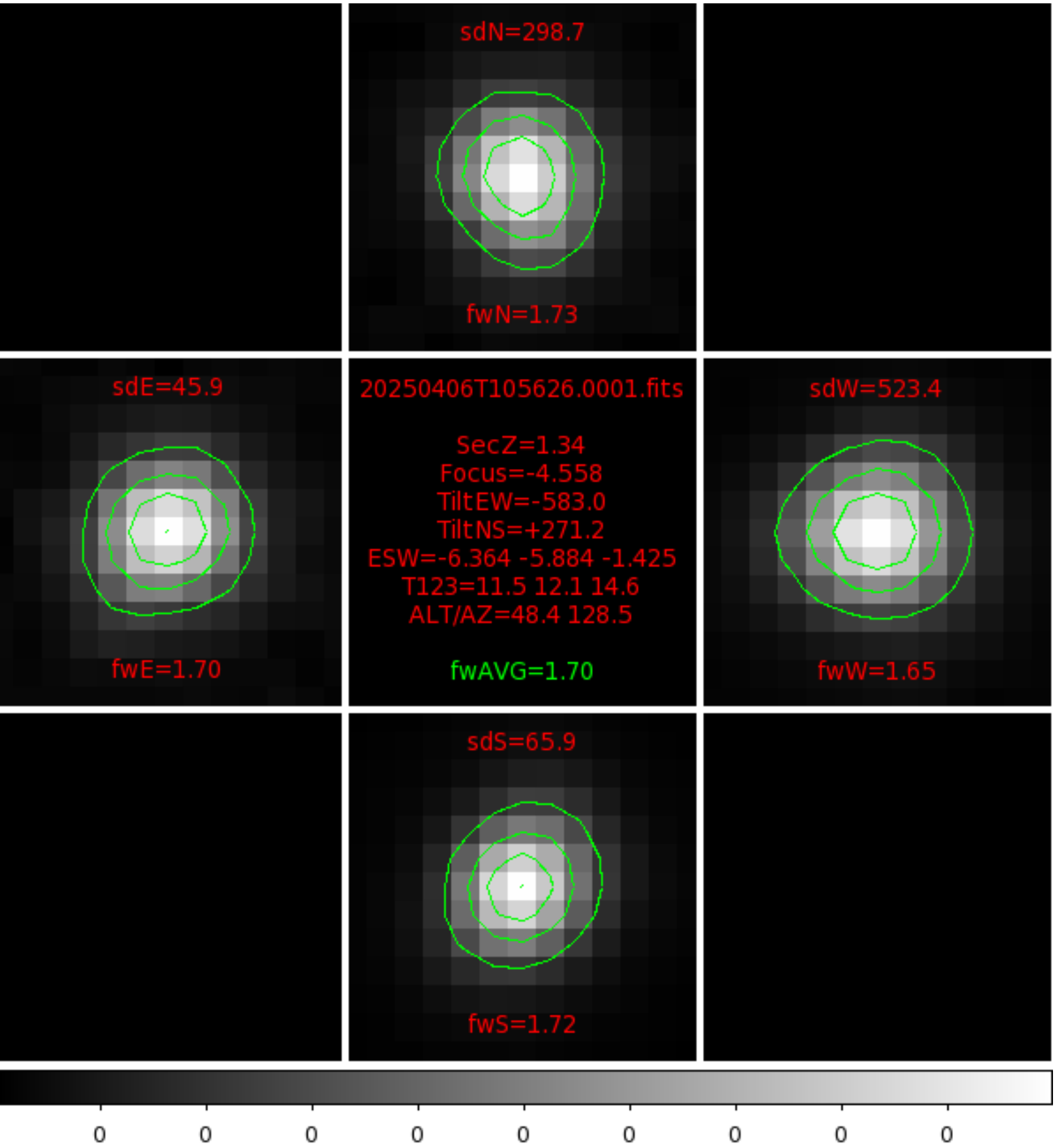
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SecZ=1.34
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.1 14.6
ALT/AZ=48.4 128.5
fwAVG=1.70
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sdS=65.9
fwS=1.72
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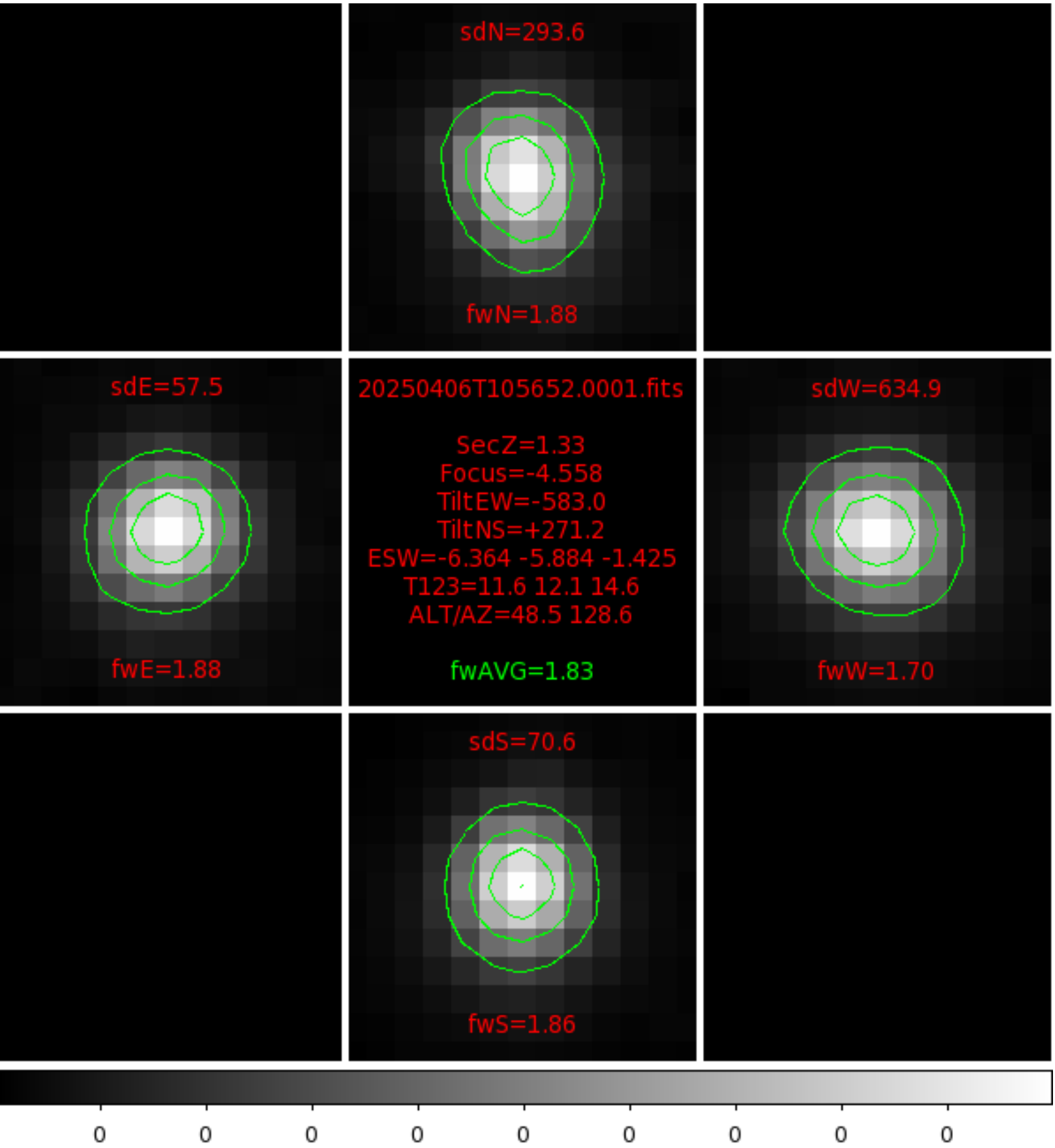
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SecZ=1.33
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.6 12.1 14.6
ALT/AZ=48.5 128.6
fwAVG=1.83
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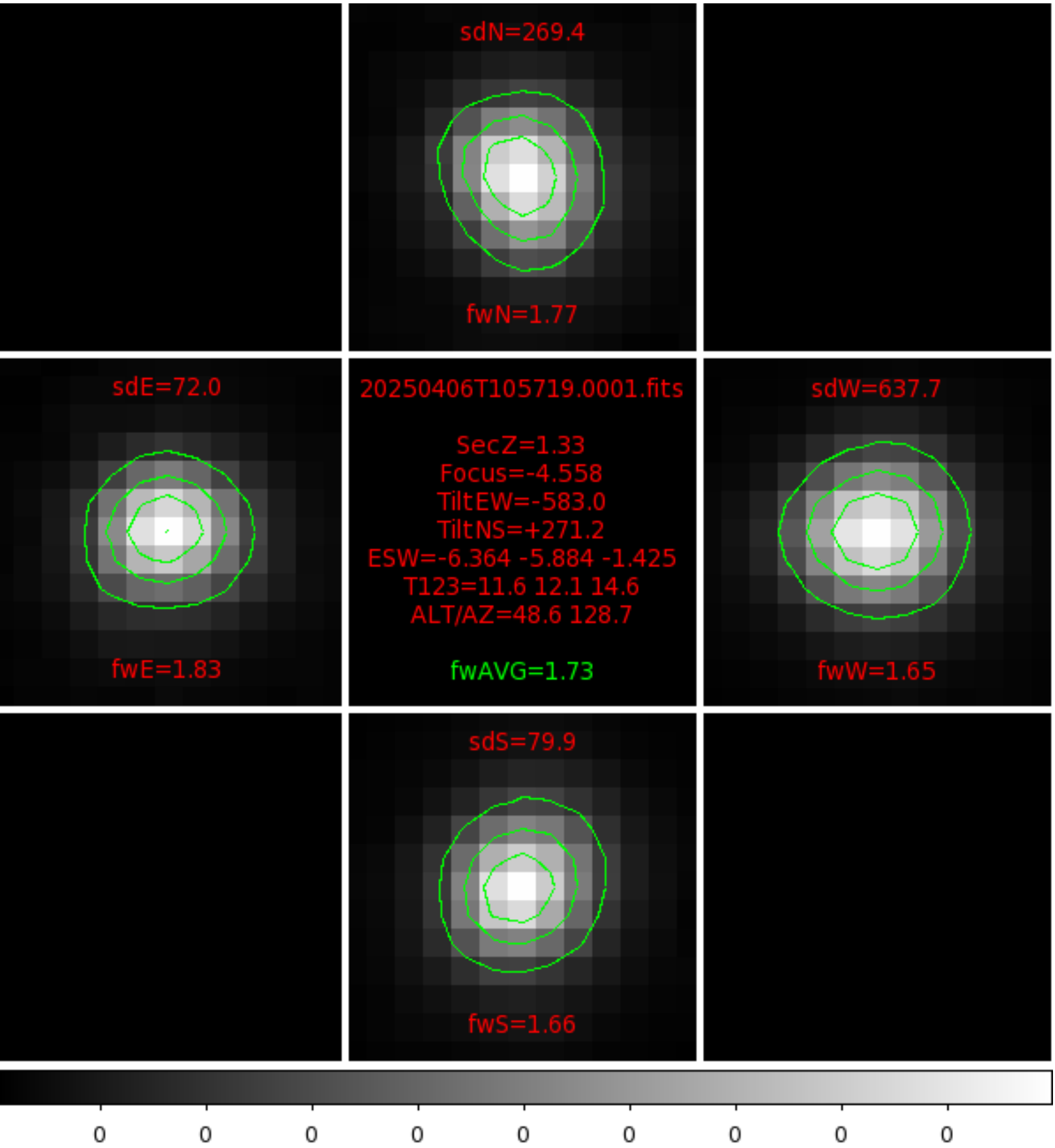
sdN=269.4
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SecZ=1.33
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TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.6 12.1 14.6
ALT/AZ=48.6 128.7
fwAVG=1.73
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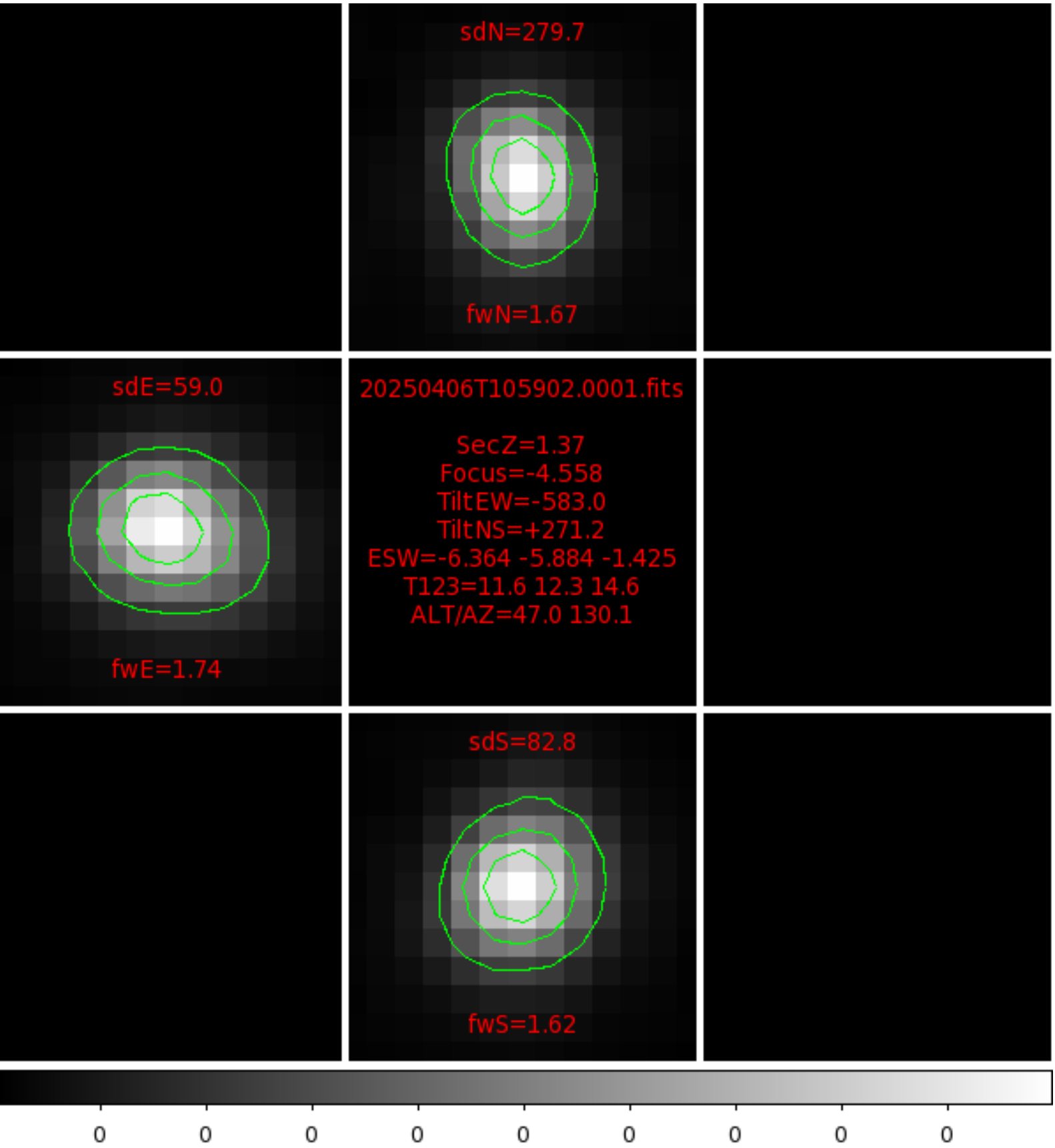
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SecZ=1.37
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.6 12.3 14.6
ALT/AZ=47.0 130.1
sdS=82.8
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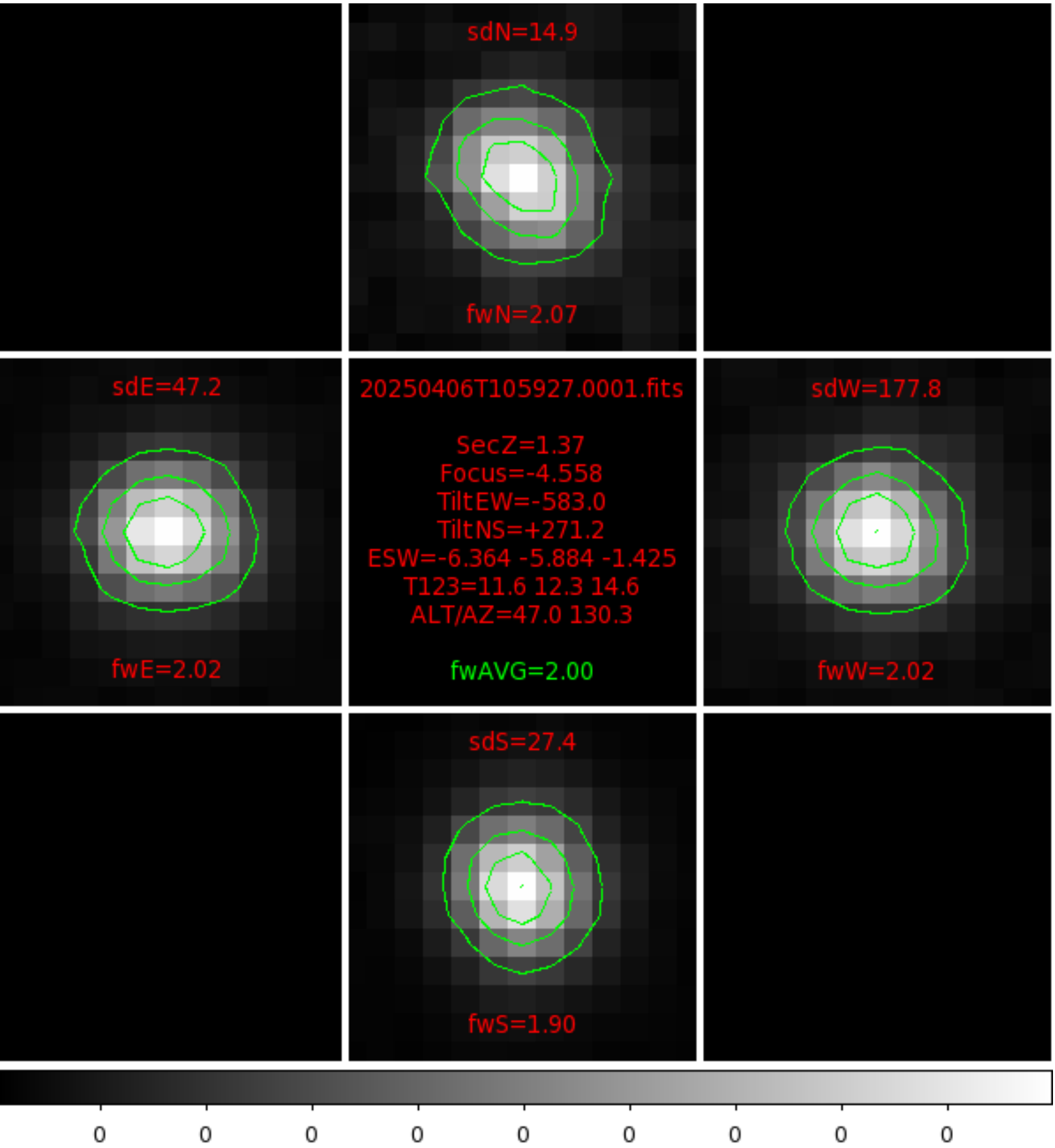
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20250406T105927.0001.fits
SecZ=1.37
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.6 12.3 14.6
ALT/AZ=47.0 130.3
fwAVG=2.00
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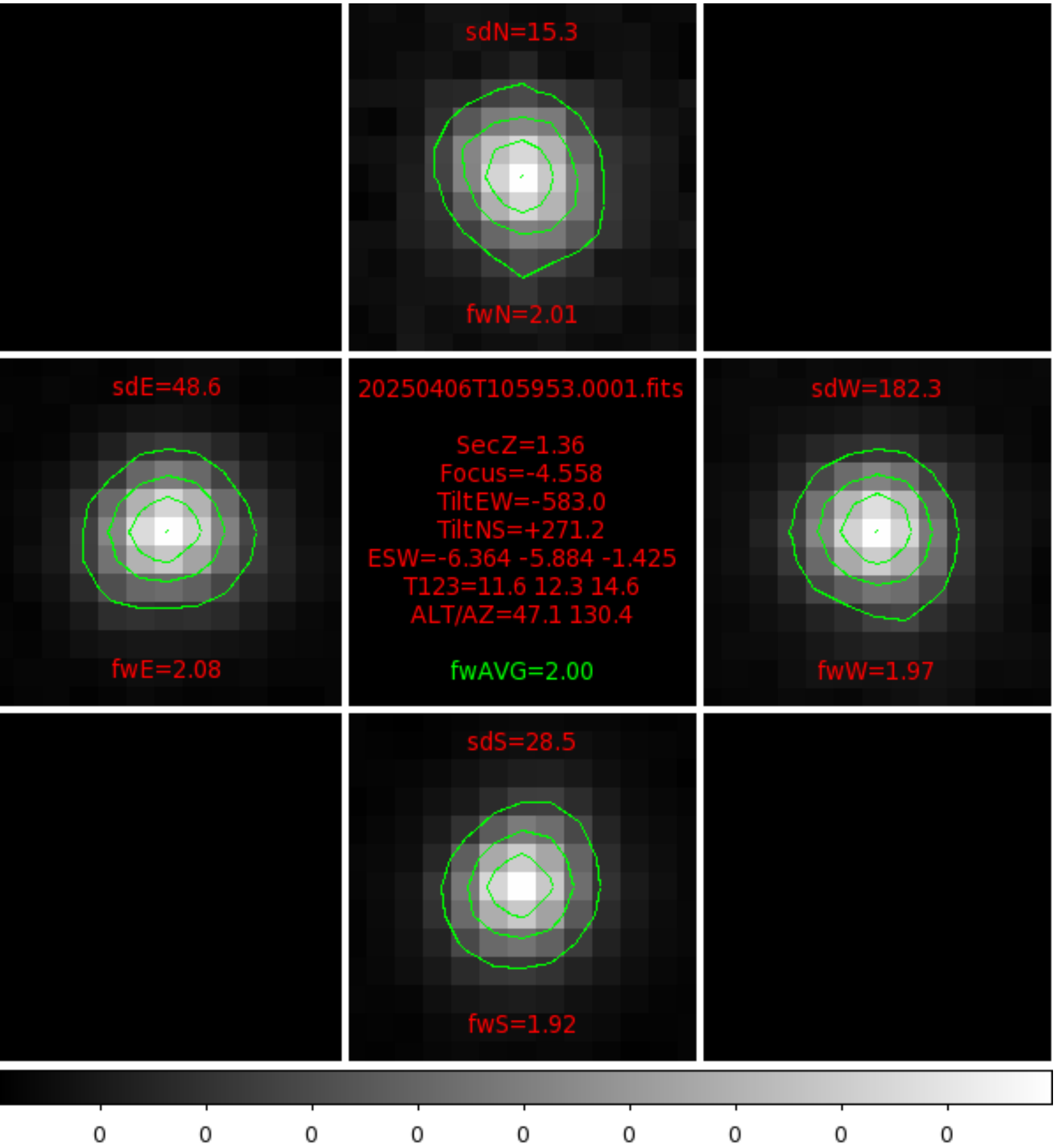
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SecZ=1.36
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.6 12.3 14.6
ALT/AZ=47.1 130.4
fwAVG=2.00
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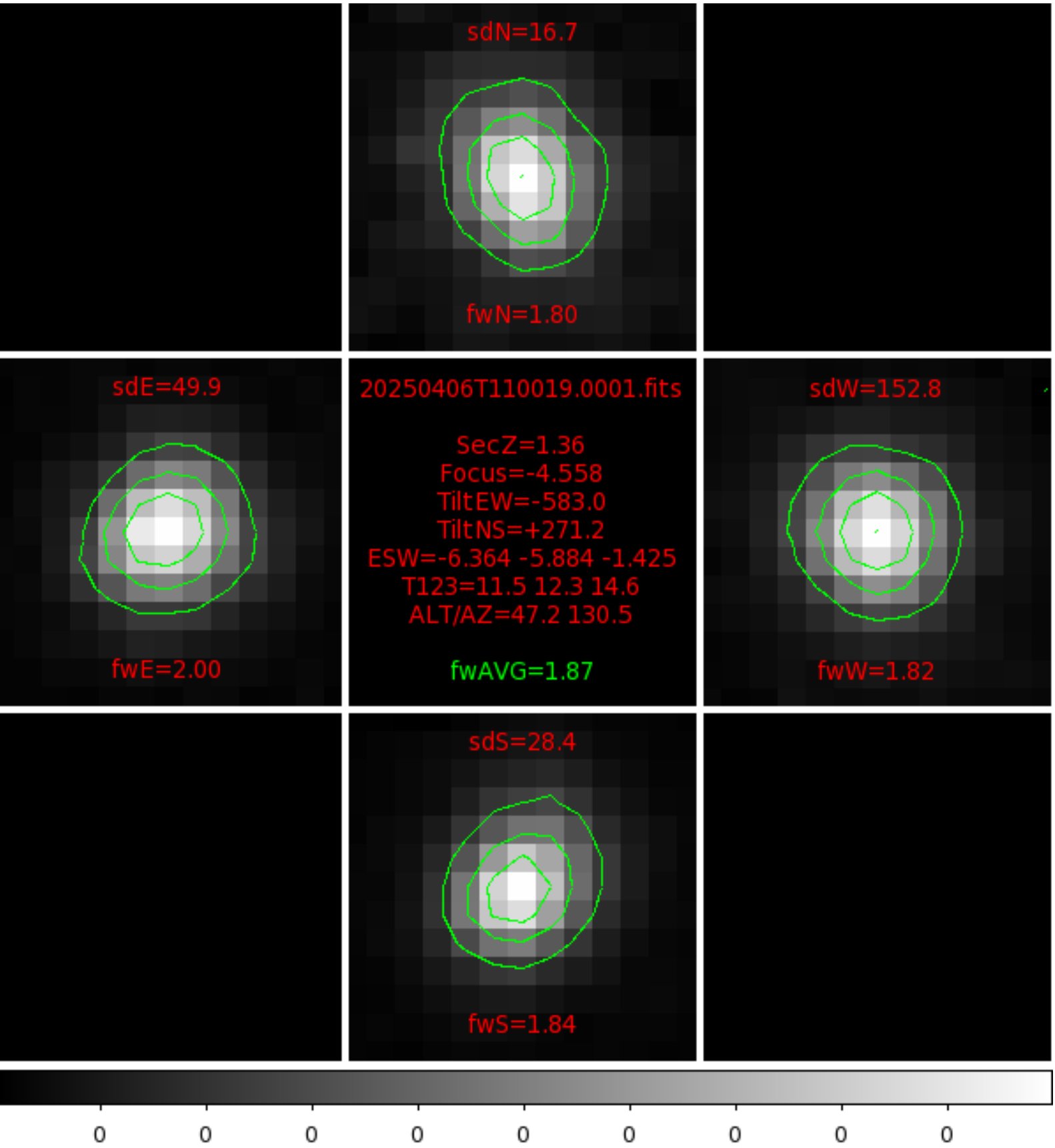
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fwE=2.00
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SecZ=1.36
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.3 14.6
ALT/AZ=47.2 130.5
fwAVG=1.87
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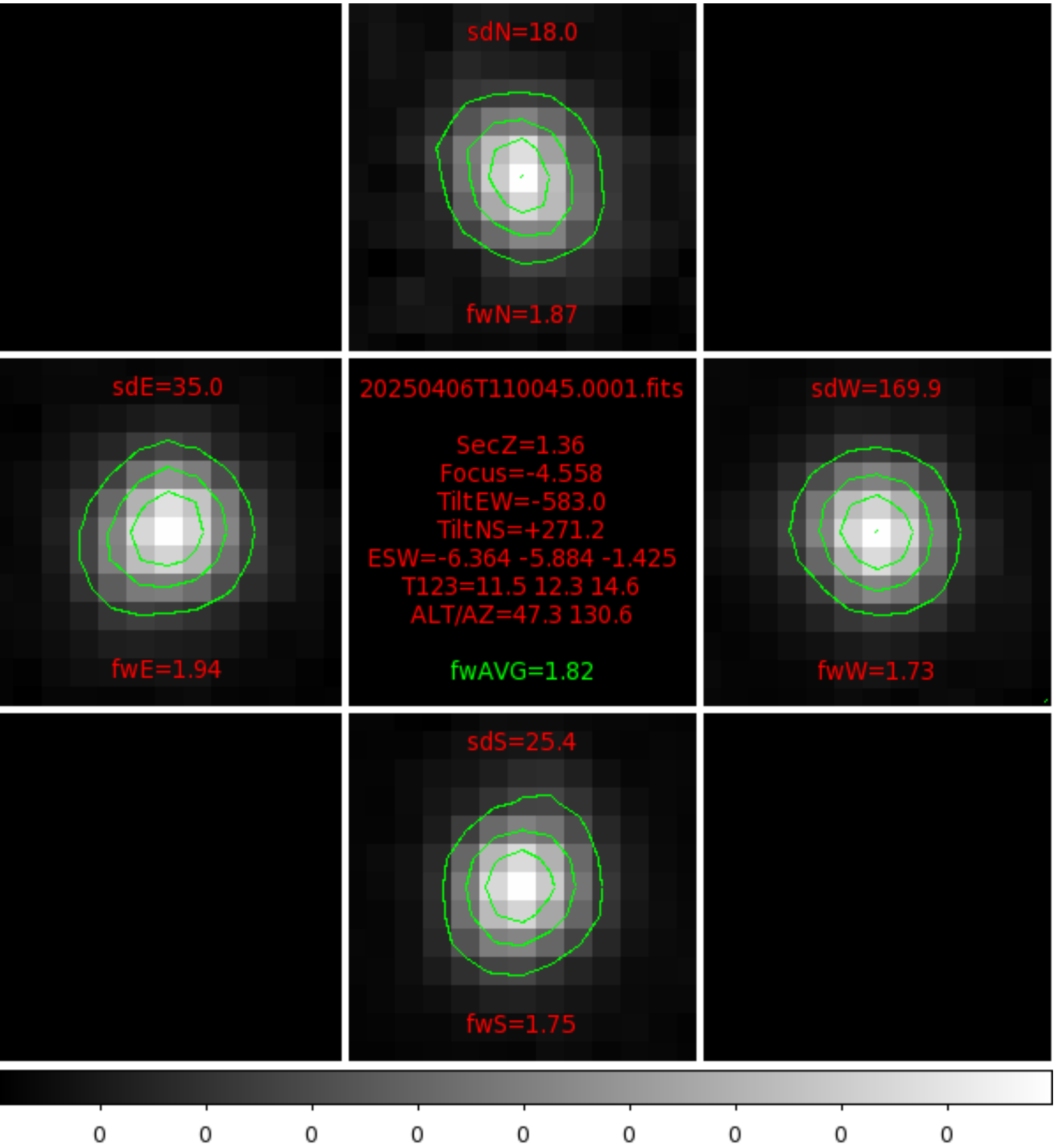
sdN=18.0
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fwE=1.94
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SecZ=1.36
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.3 14.6
ALT/AZ=47.3 130.6
fwAVG=1.82
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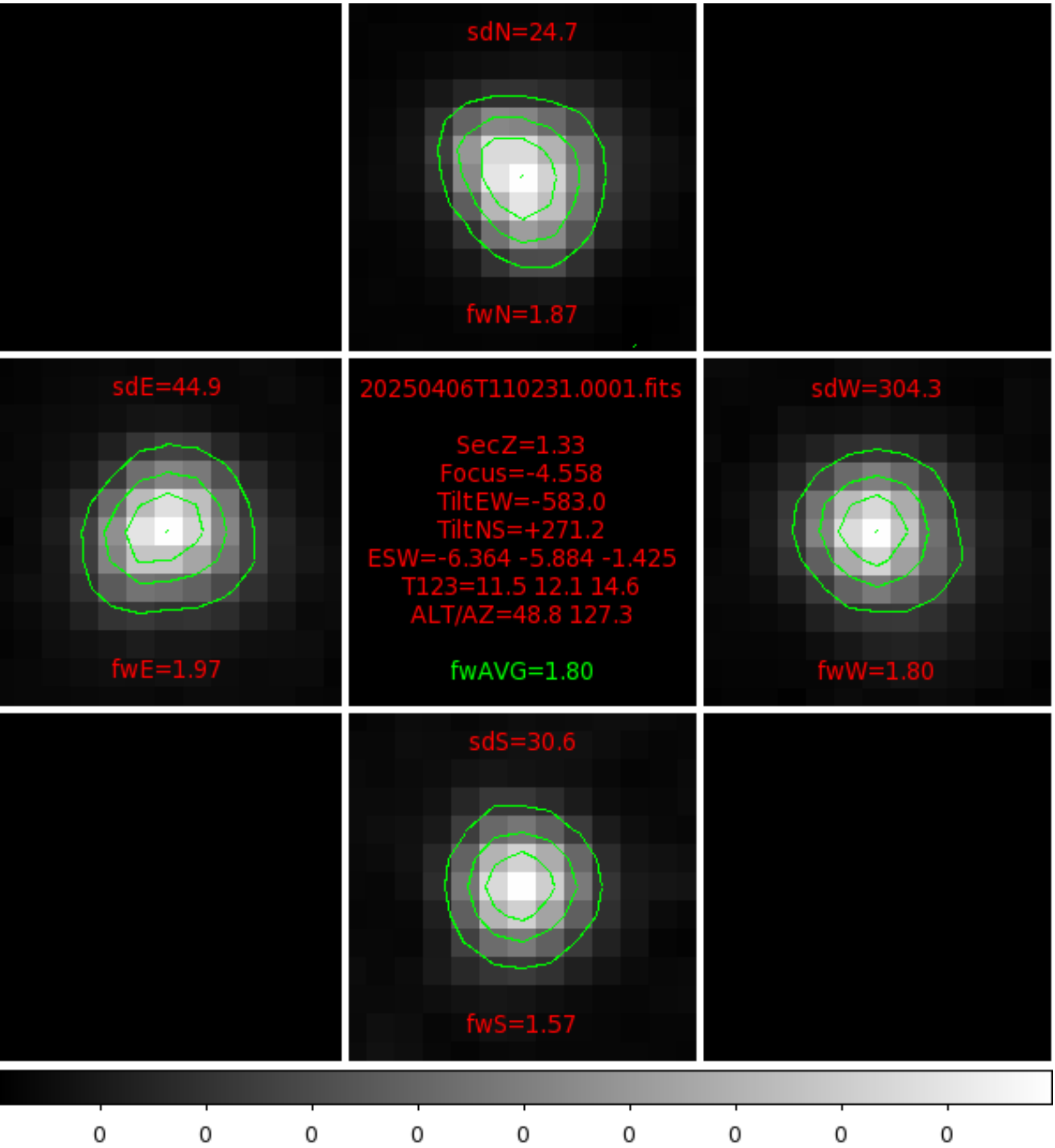
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SecZ=1.33
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.1 14.6
ALT/AZ=48.8 127.3
fwAVG=1.80
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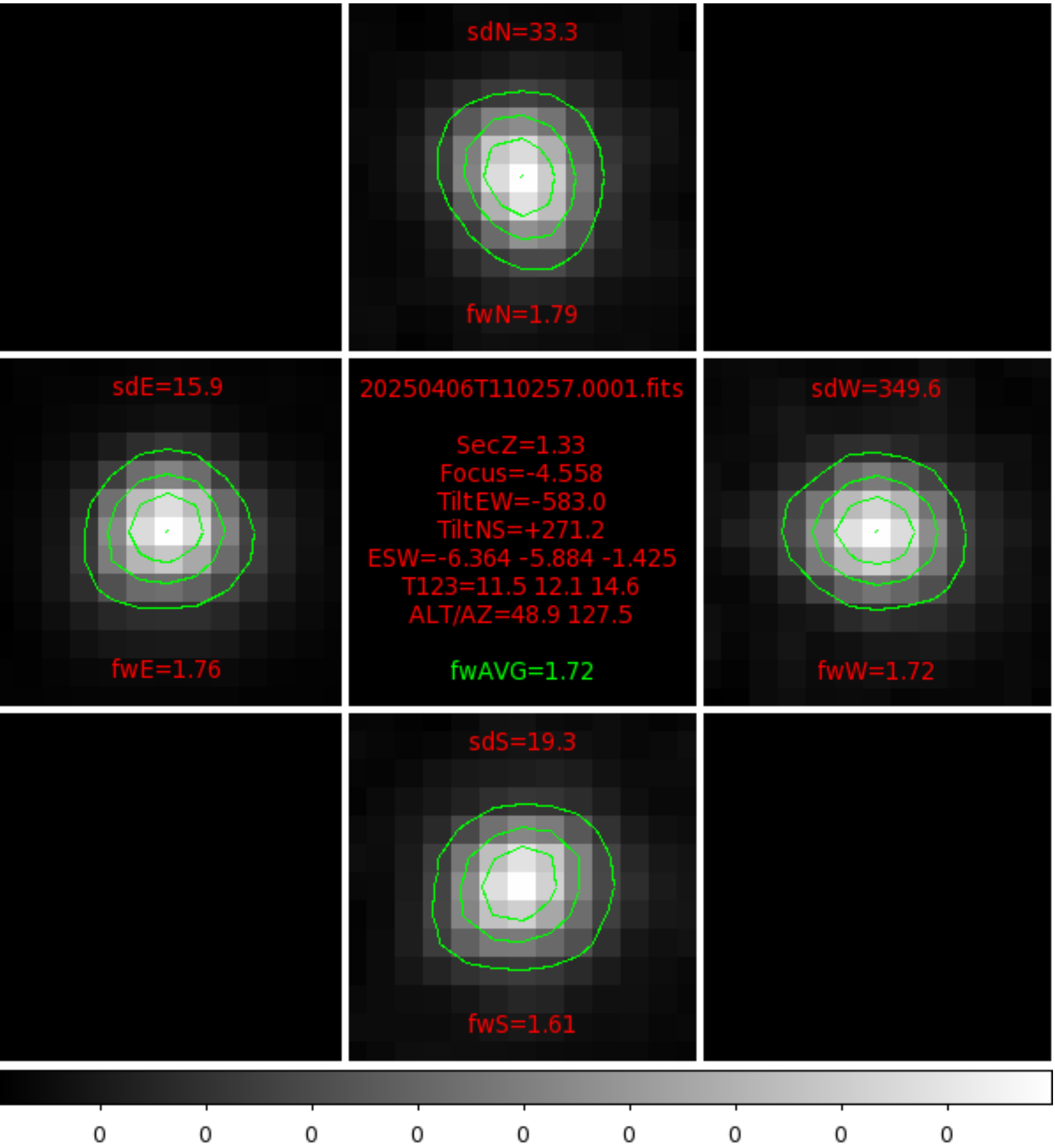
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SecZ=1.33
Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.1 14.6
ALT/AZ=48.9 127.5
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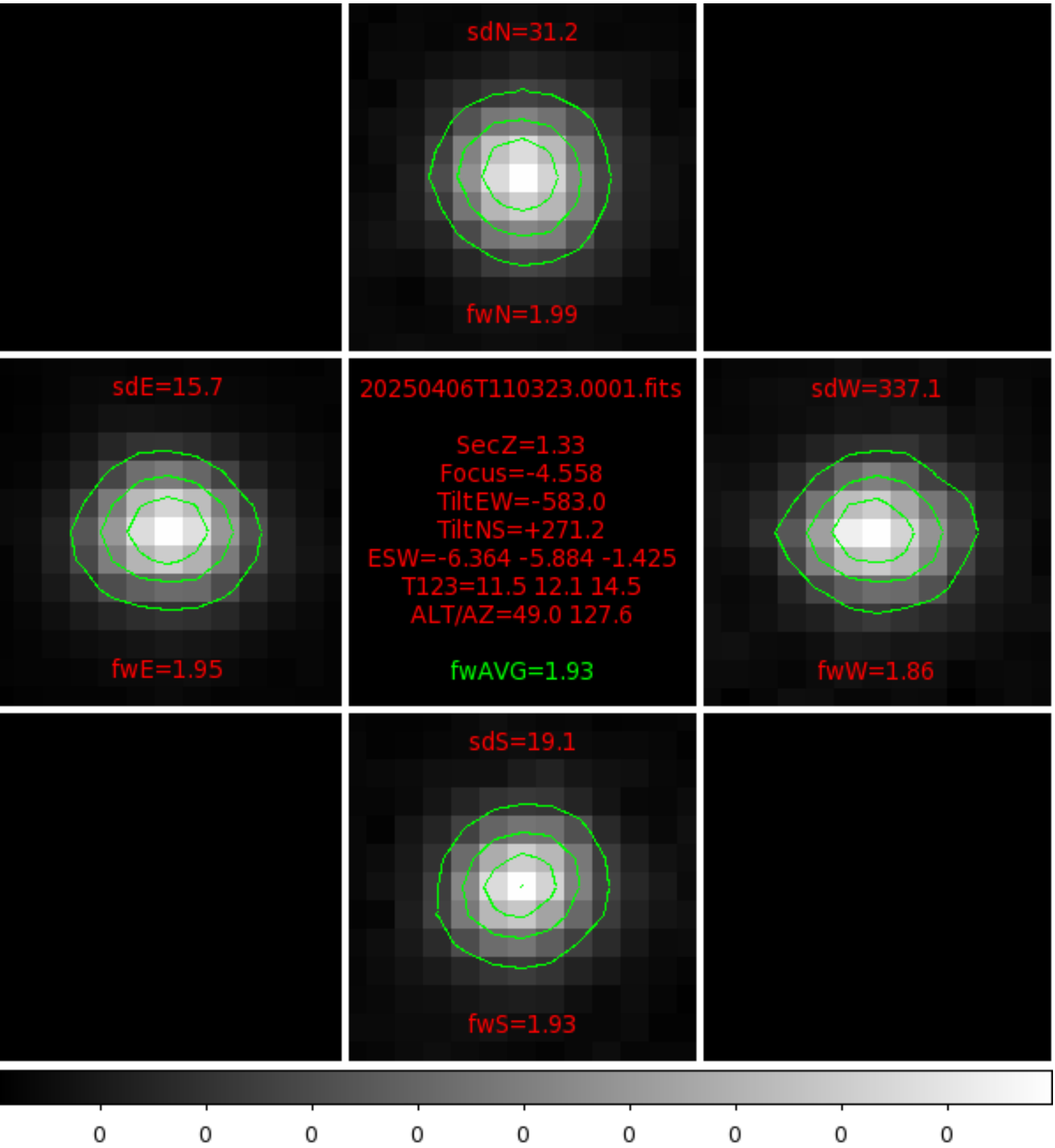
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Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.5 12.1 14.5
ALT/AZ=49.0 127.6
fwAVG=1.93
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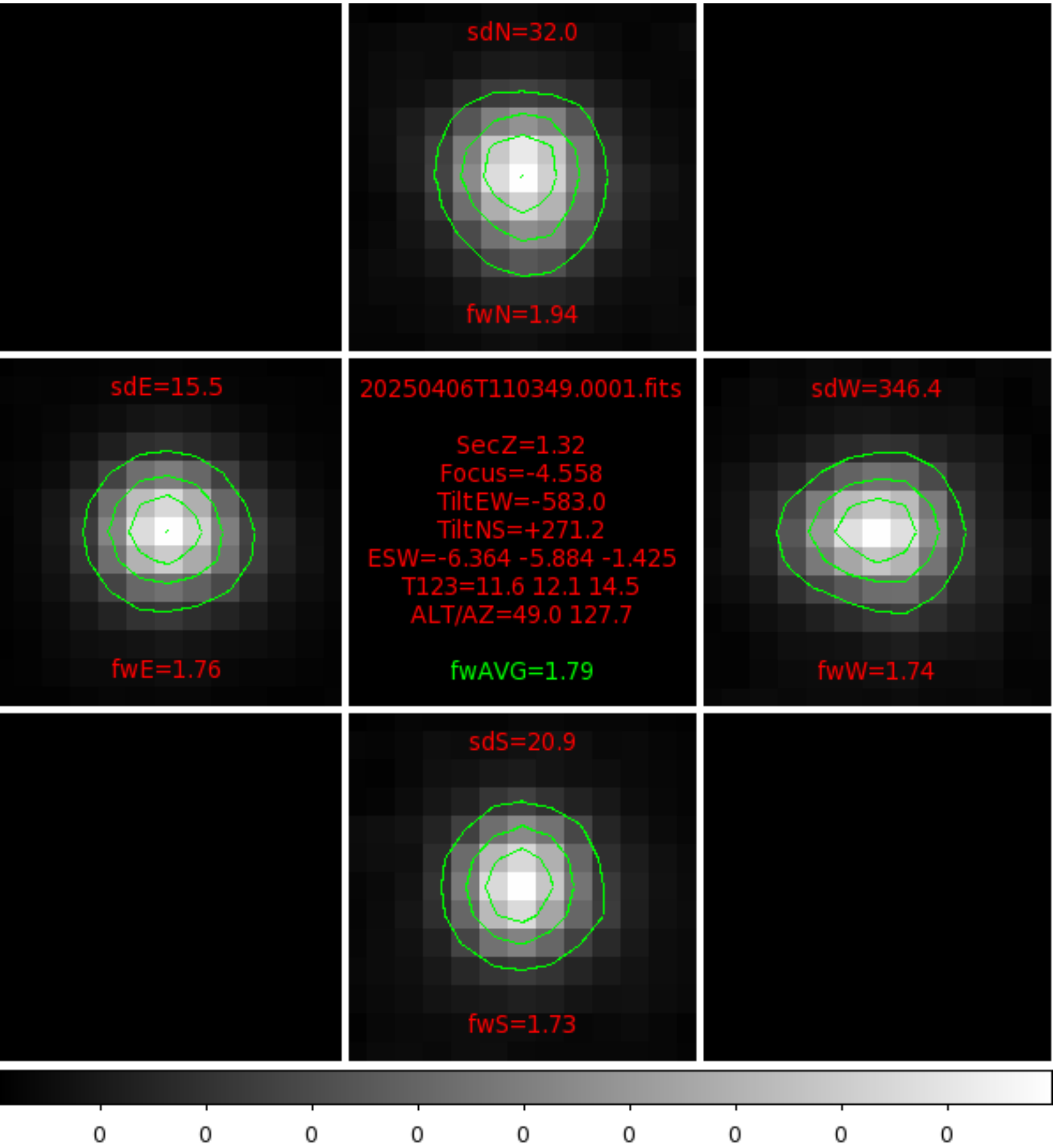
sdN=32.0
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Focus=-4.558
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.364 -5.884 -1.425
T123=11.6 12.1 14.5
ALT/AZ=49.0 127.7
fwAVG=1.79
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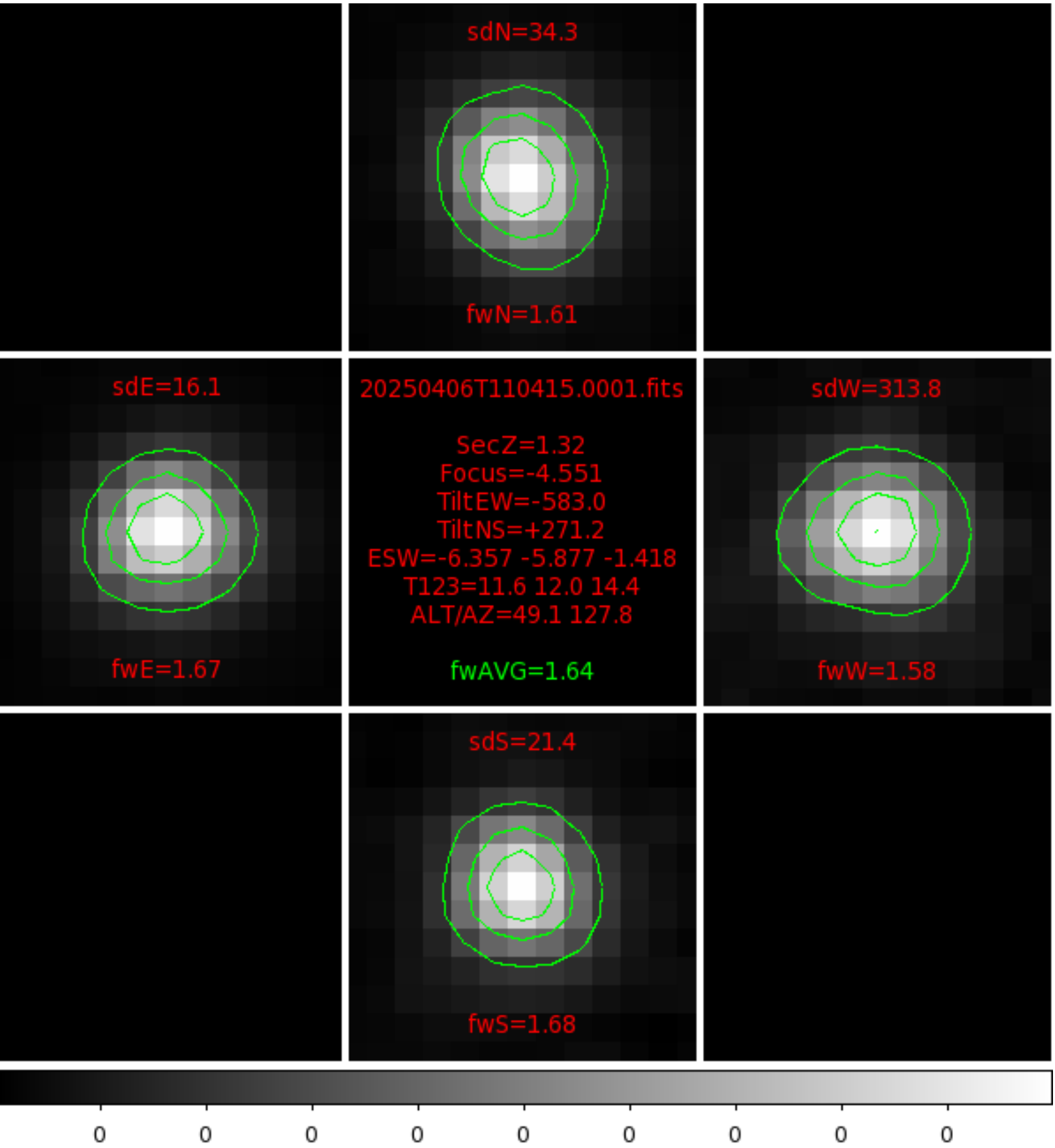
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SecZ=1.32
Focus=-4.551
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.6 12.0 14.4
ALT/AZ=49.1 127.8
fwAVG=1.64
sdW=313.8
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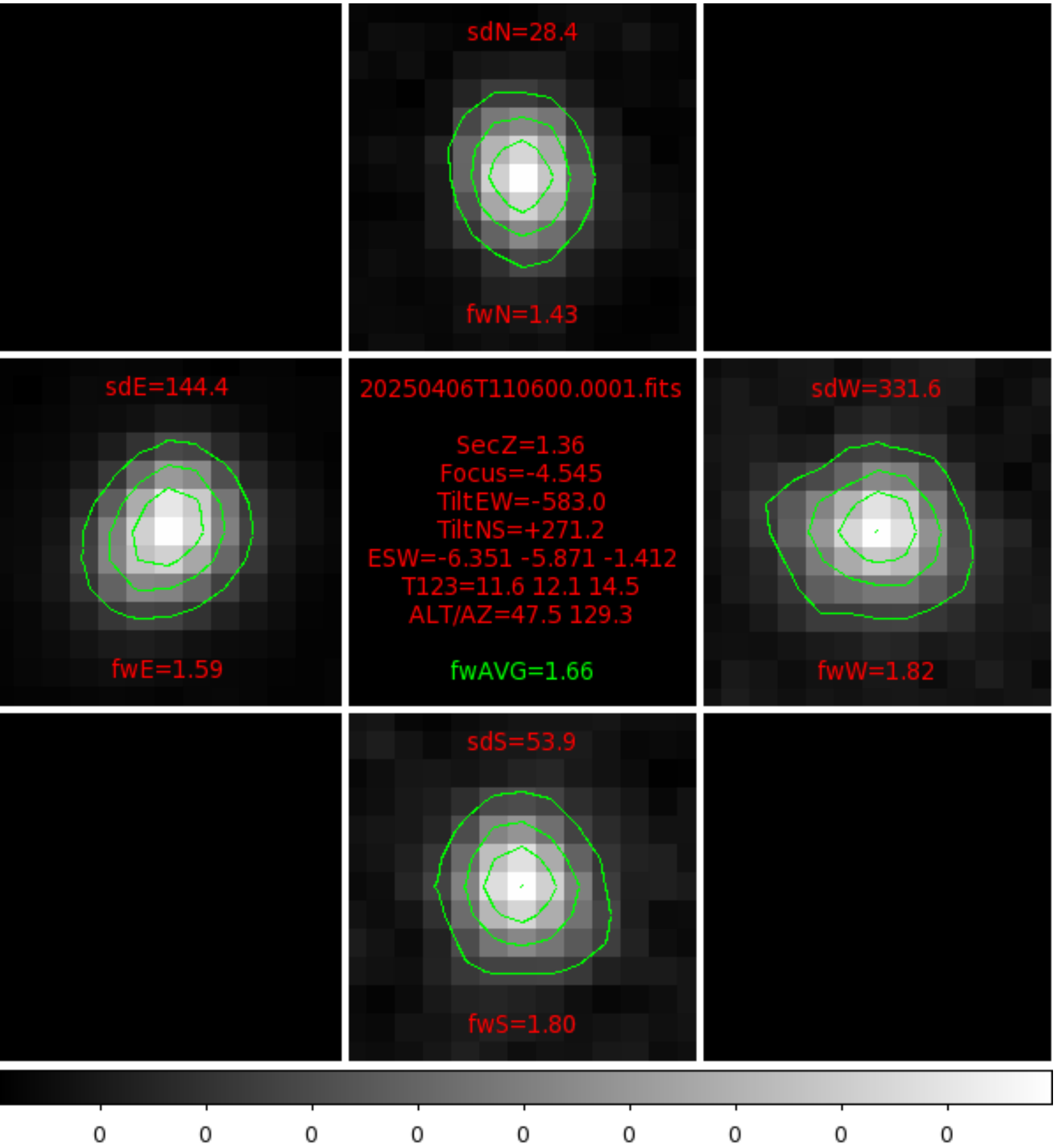
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Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.1 14.5
ALT/AZ=47.5 129.3
fwAVG=1.66
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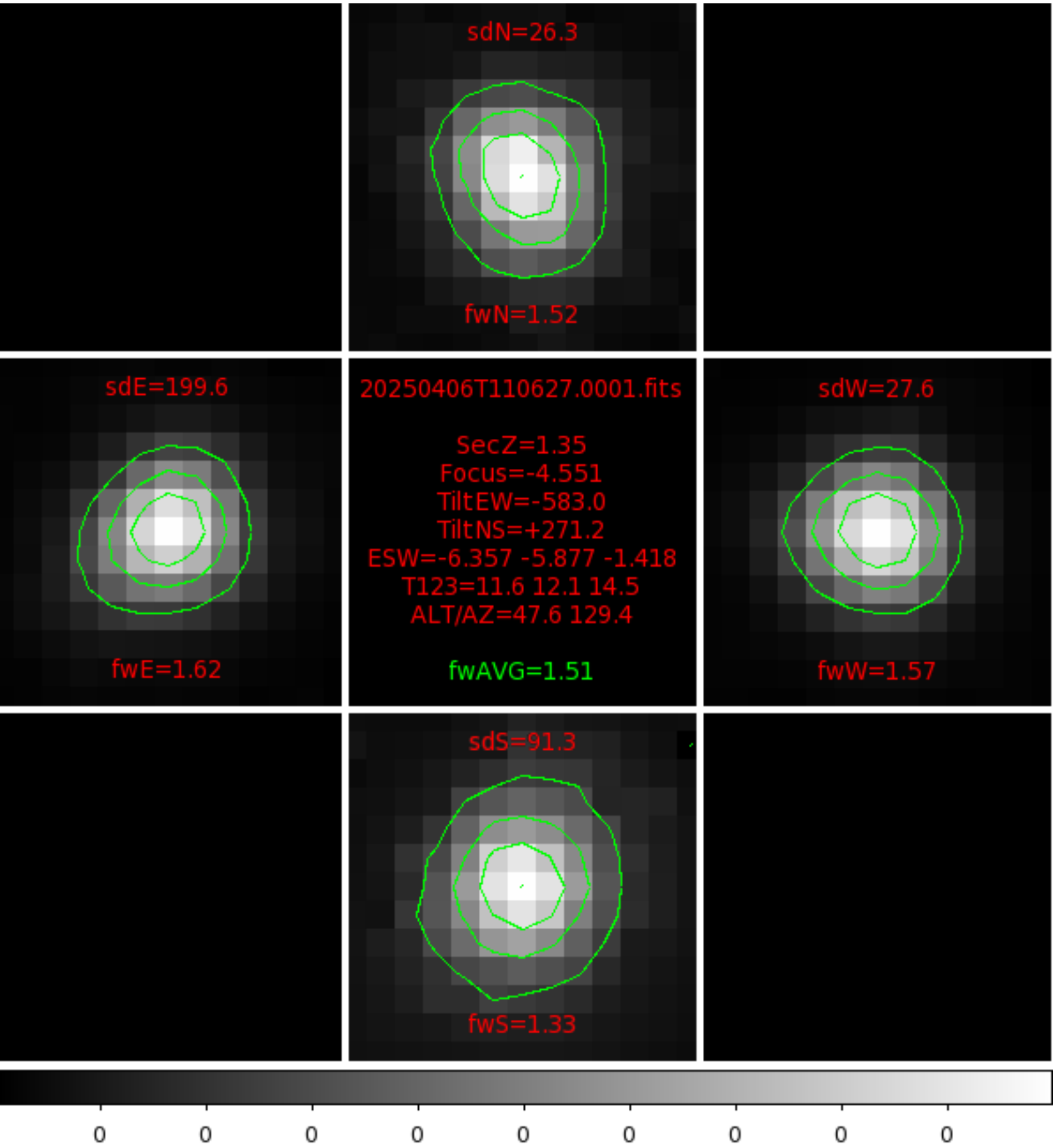
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SecZ=1.35
Focus=-4.551
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.6 12.1 14.5
ALT/AZ=47.6 129.4
fwAVG=1.51
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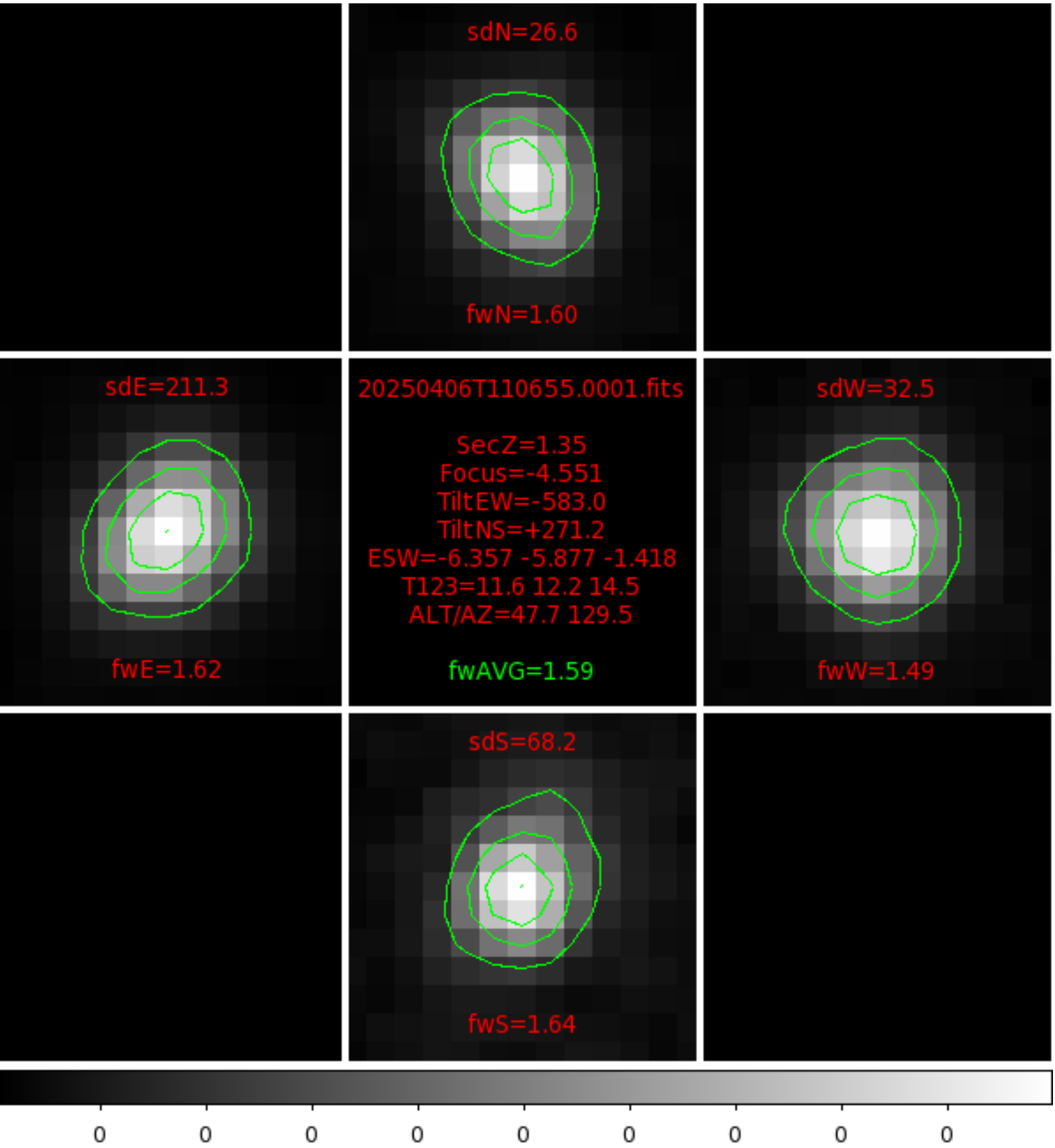
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SecZ=1.35
Focus=-4.551
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.6 12.2 14.5
ALT/AZ=47.7 129.5
fwAVG=1.59
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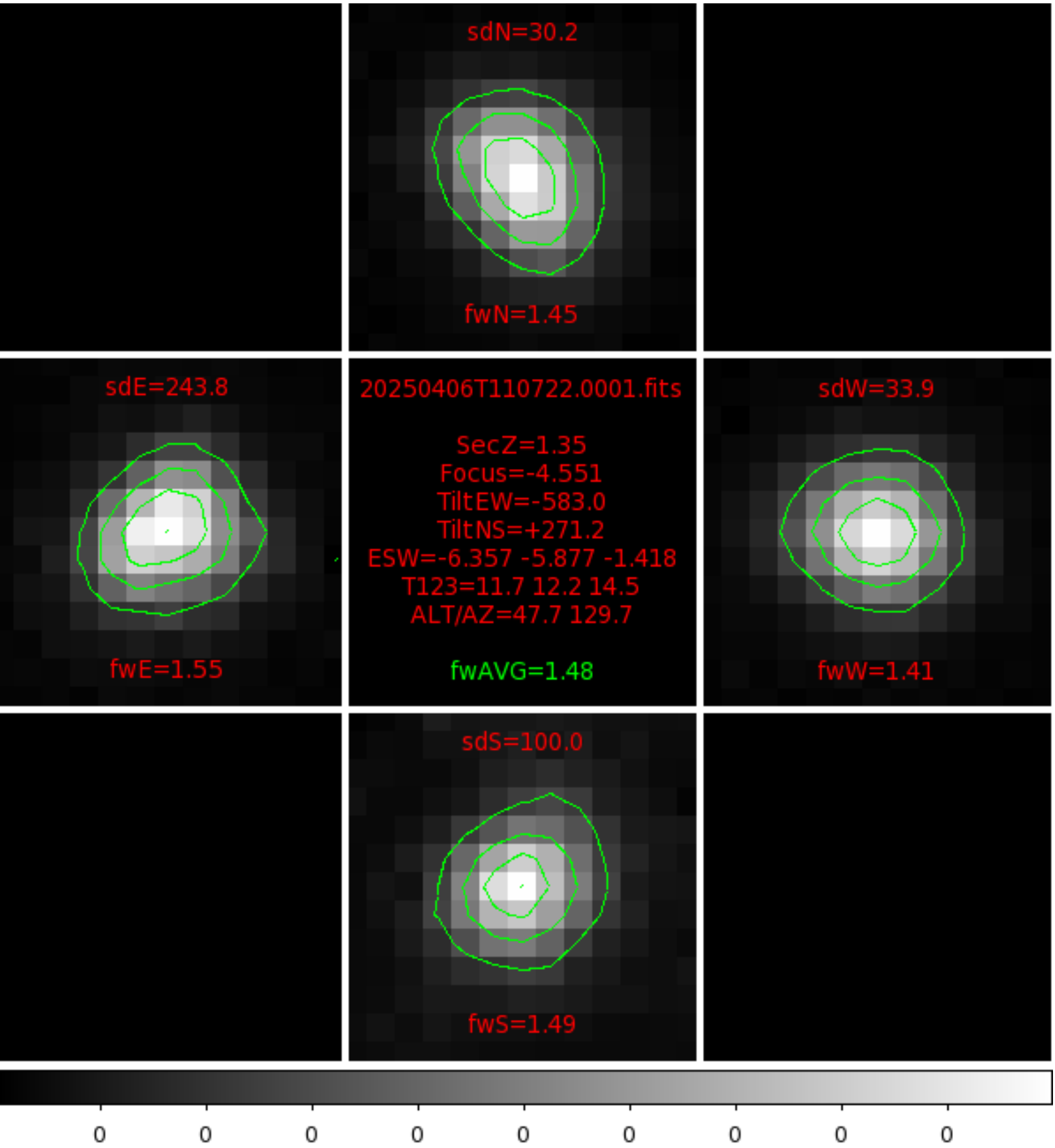
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SecZ=1.35
Focus=-4.551
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.7 12.2 14.5
ALT/AZ=47.7 129.7
fwAVG=1.48
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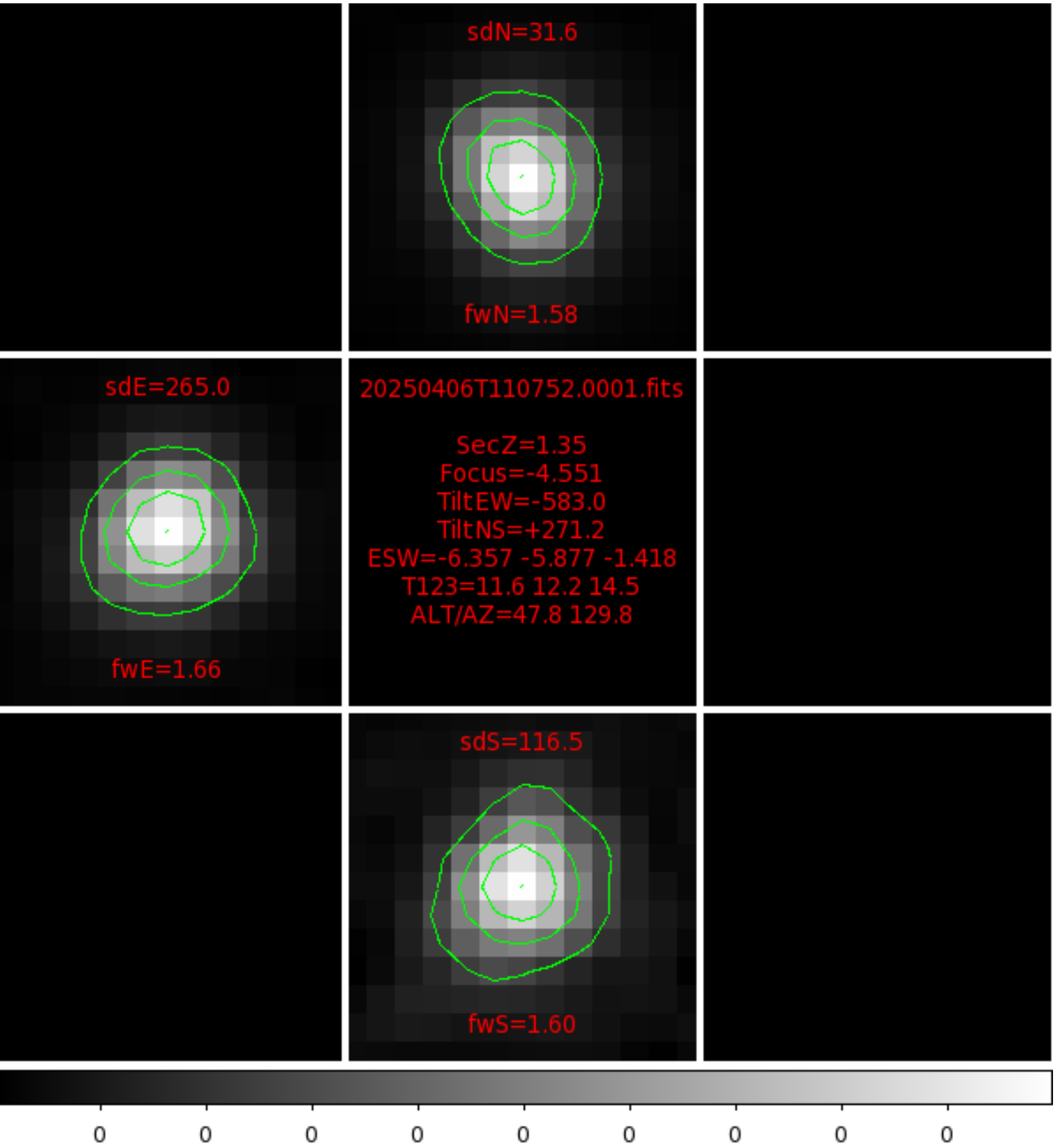
sdN=31.6
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sdE=265.0
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SecZ=1.35
Focus=-4.551
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.6 12.2 14.5
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sdS=116.5
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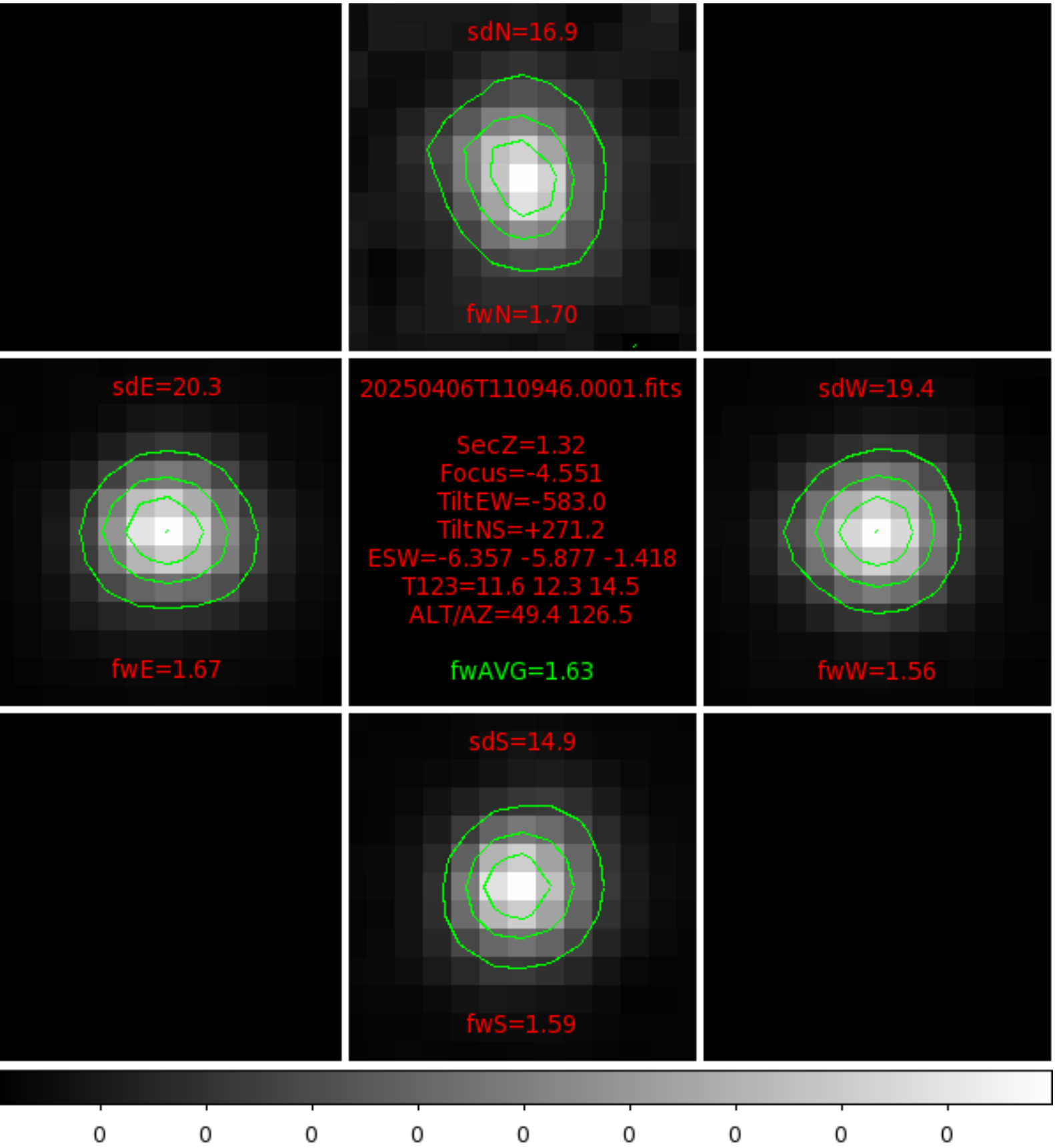
sdN=16.9
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sdE=20.3
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20250406T110946.0001.fits
SecZ=1.32
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TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.6 12.3 14.5
ALT/AZ=49.4 126.5
fwAVG=1.63
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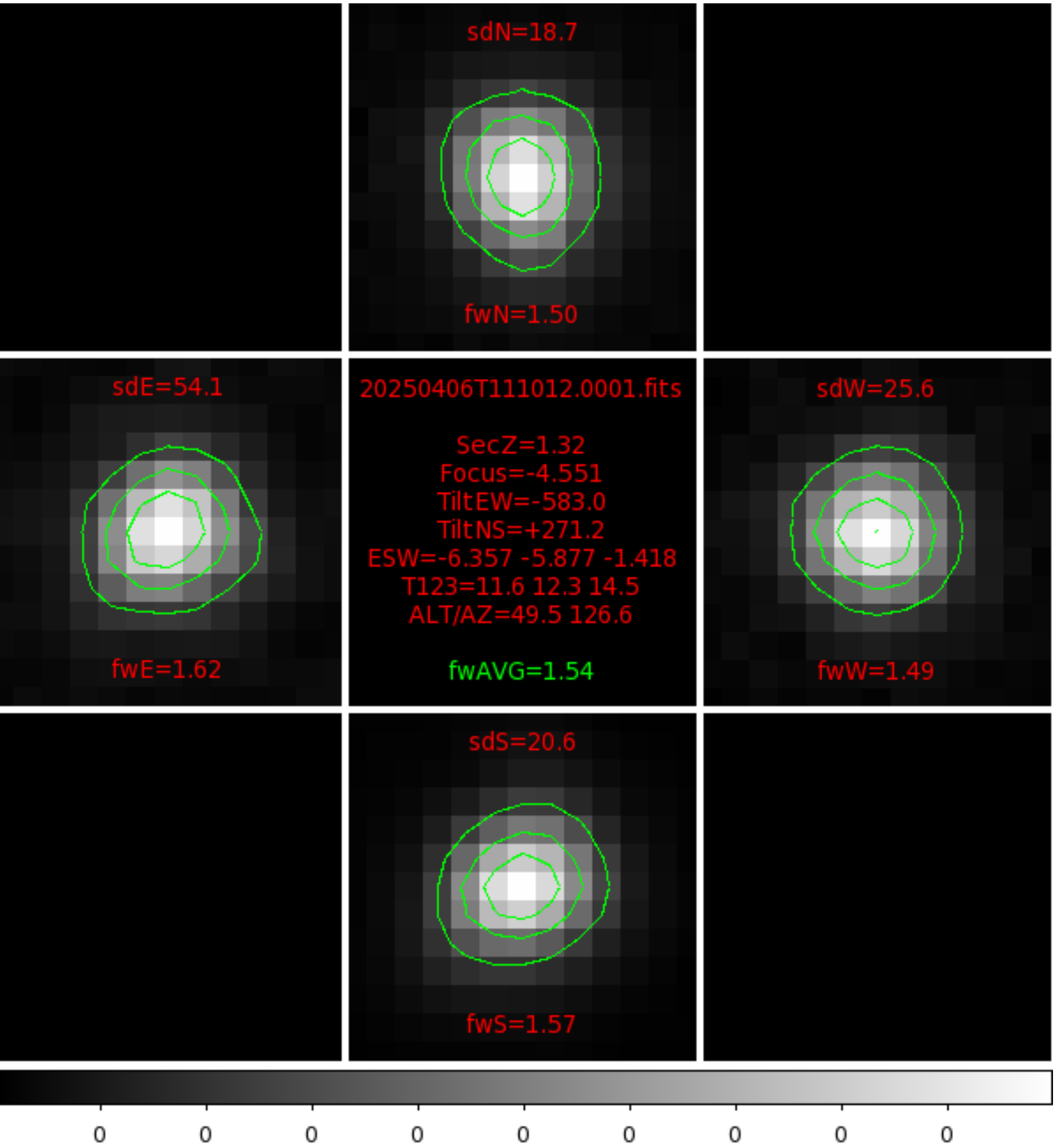
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SecZ=1.32
Focus=-4.551
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.6 12.3 14.5
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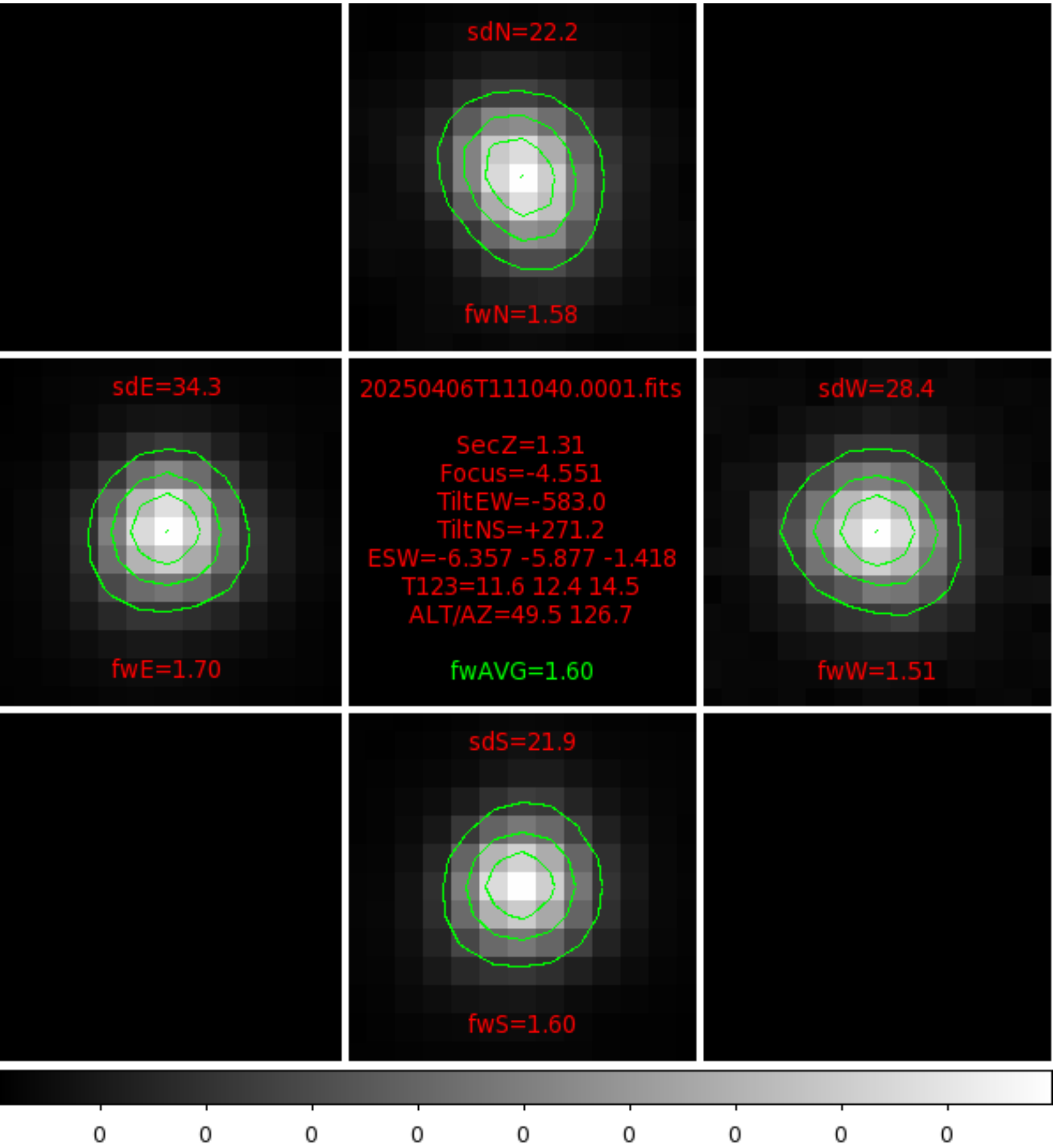
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20250406T111040.0001.fits
SecZ=1.31
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ESW=-6.357 -5.877 -1.418
T123=11.6 12.4 14.5
ALT/AZ=49.5 126.7
fwAVG=1.60
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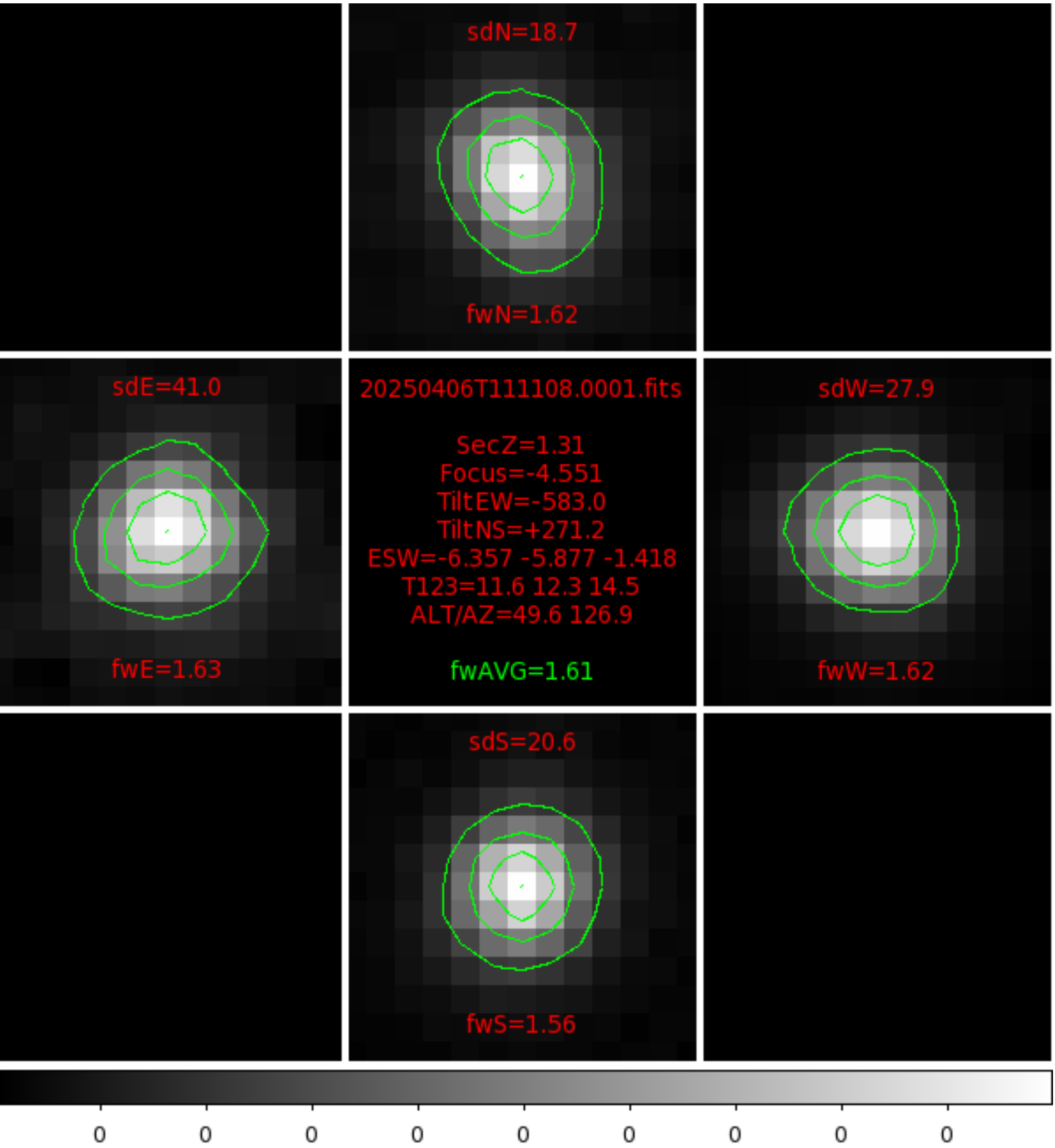
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SecZ=1.31
Focus=-4.551
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TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.6 12.3 14.5
ALT/AZ=49.6 126.9
fwAVG=1.61
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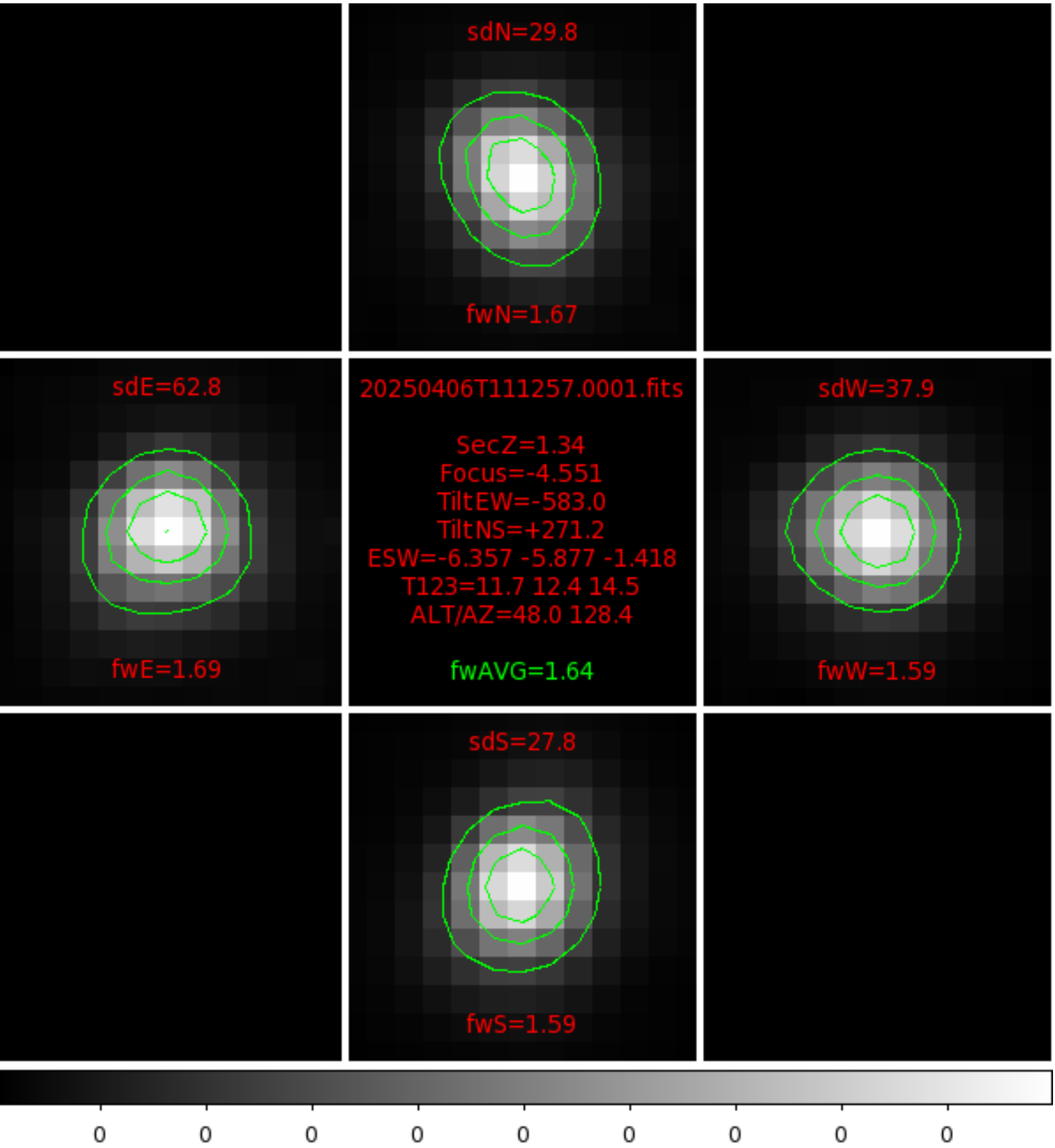
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20250406T111257.0001.fits
SecZ=1.34
Focus=-4.551
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.7 12.4 14.5
ALT/AZ=48.0 128.4
fwAVG=1.64
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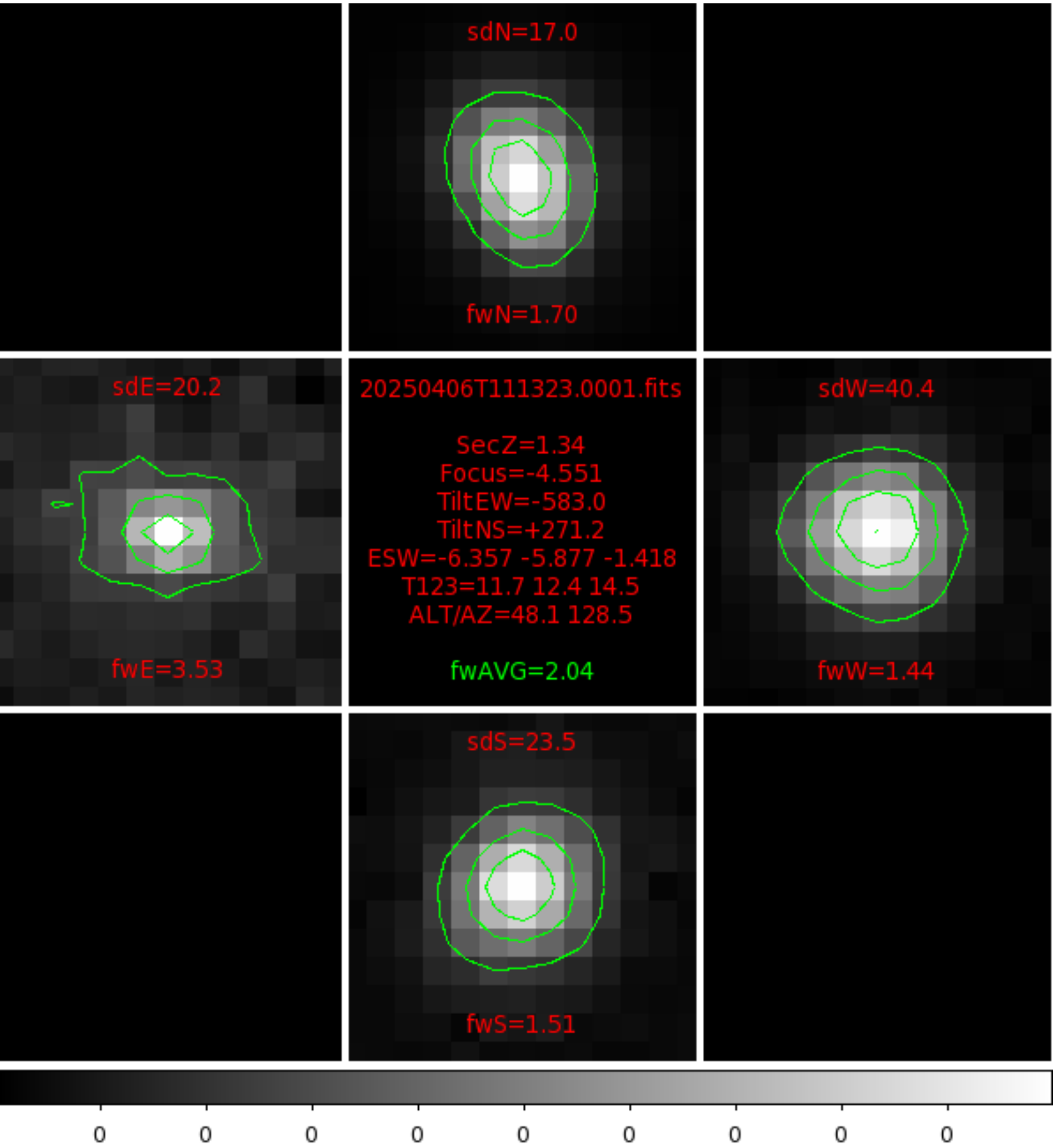
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20250406T111323.0001.fits
SecZ=1.34
Focus=-4.551
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.7 12.4 14.5
ALT/AZ=48.1 128.5
fwAVG=2.04
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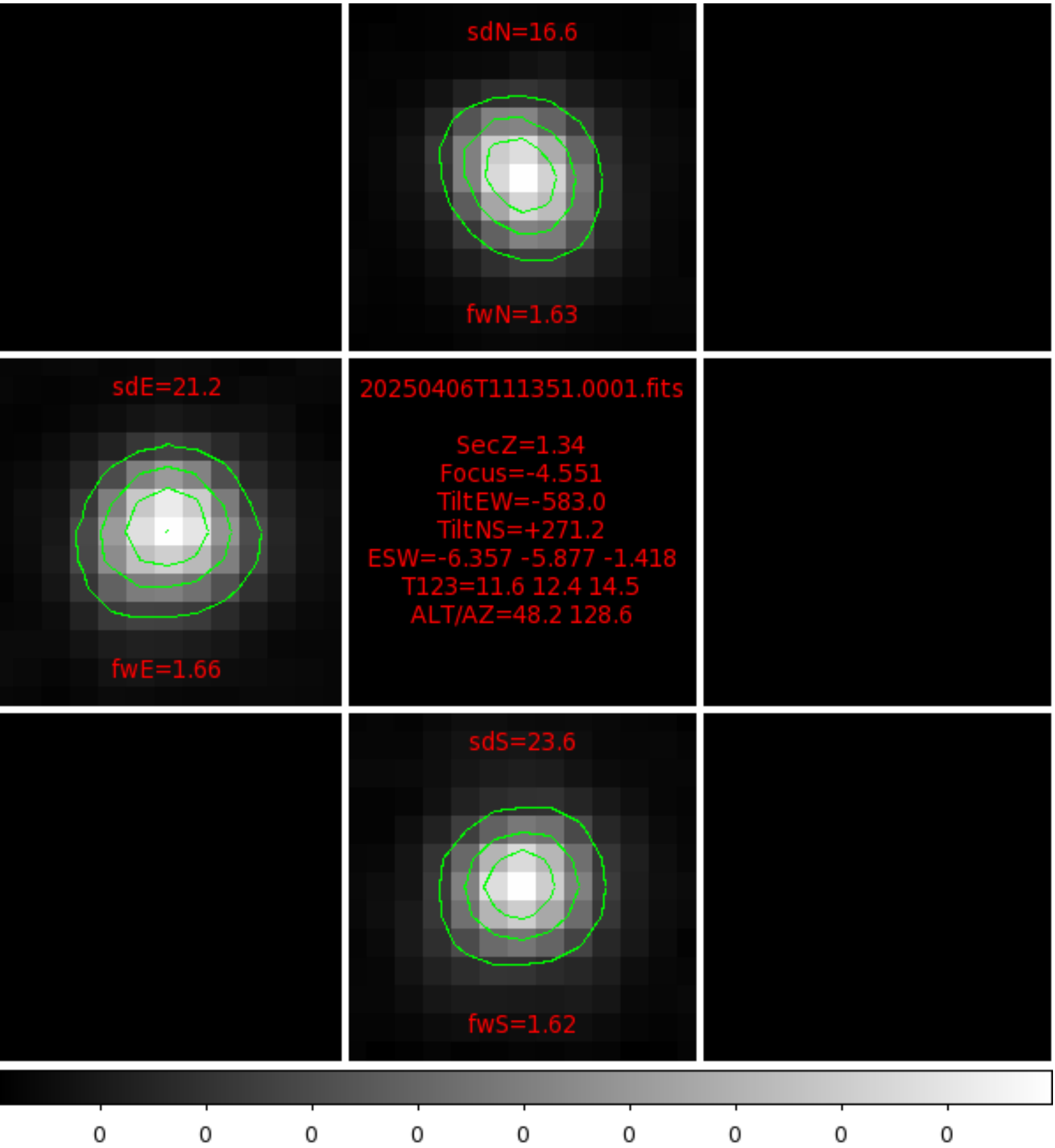
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SecZ=1.34
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TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
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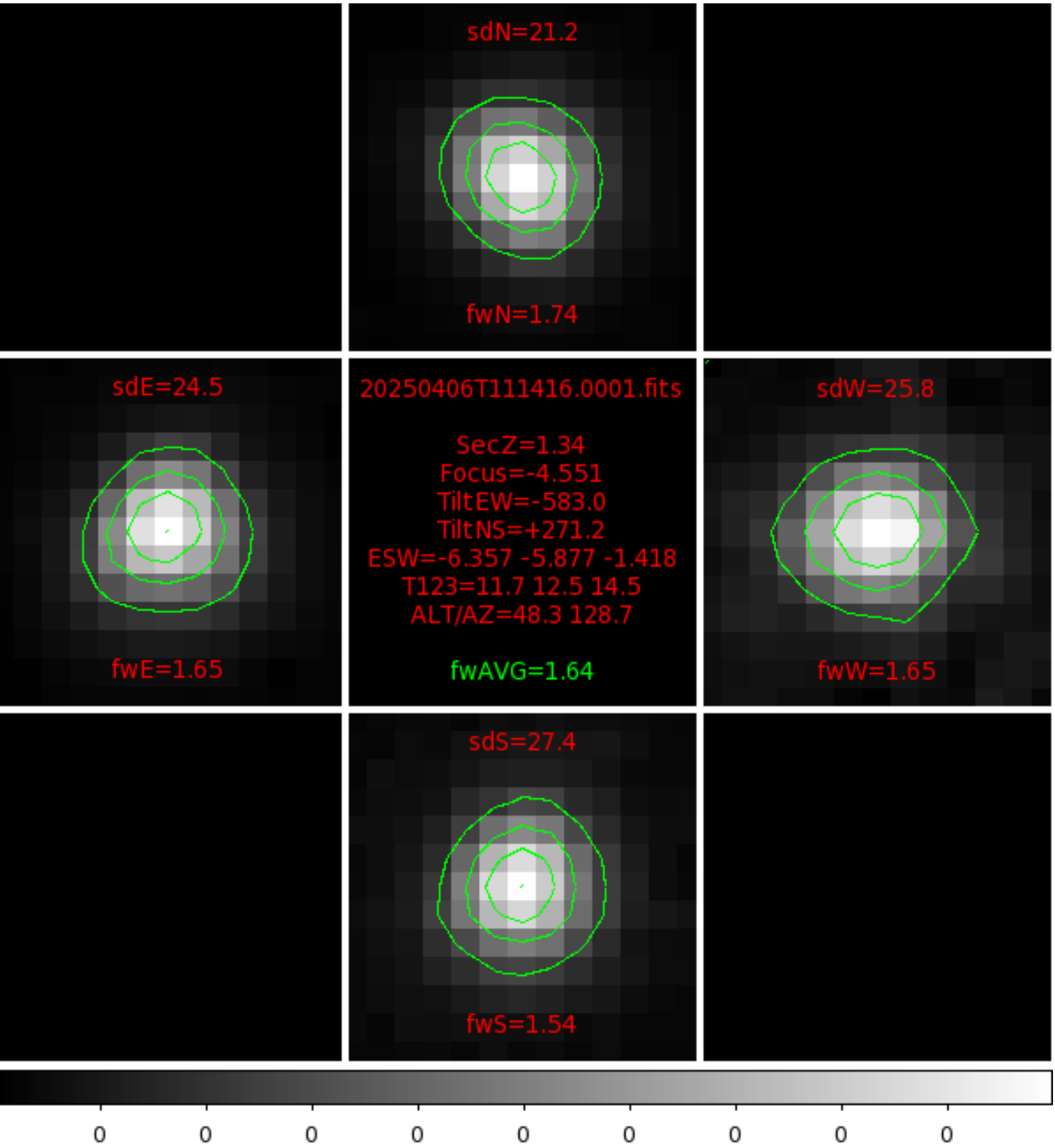
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SecZ=1.34
Focus=-4.551
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.7 12.5 14.5
ALT/AZ=48.3 128.7
fwAVG=1.64
sdW=25.8
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sdS=27.4
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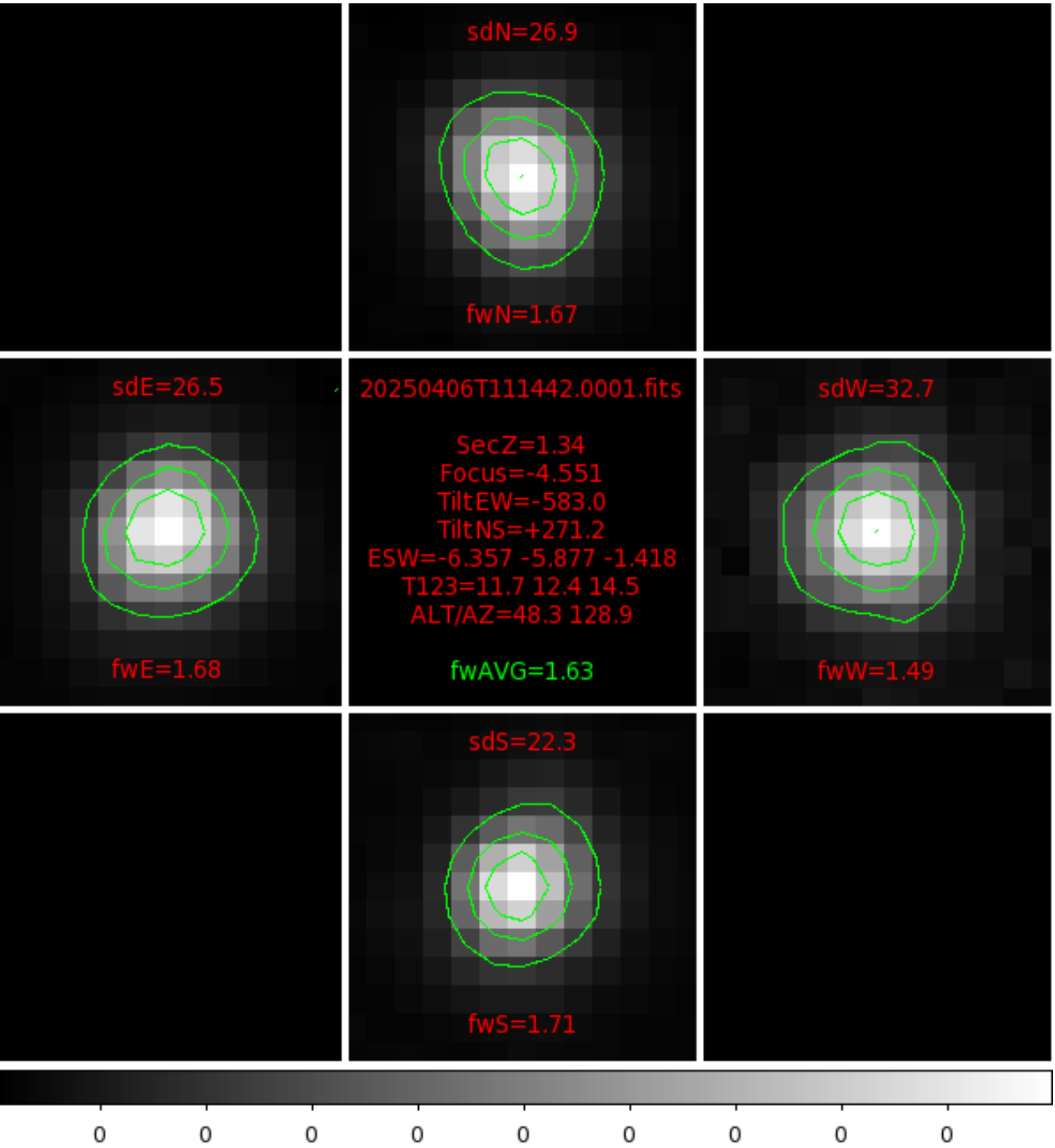
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SecZ=1.34
Focus=-4.551
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.7 12.4 14.5
ALT/AZ=48.3 128.9
fwAVG=1.63
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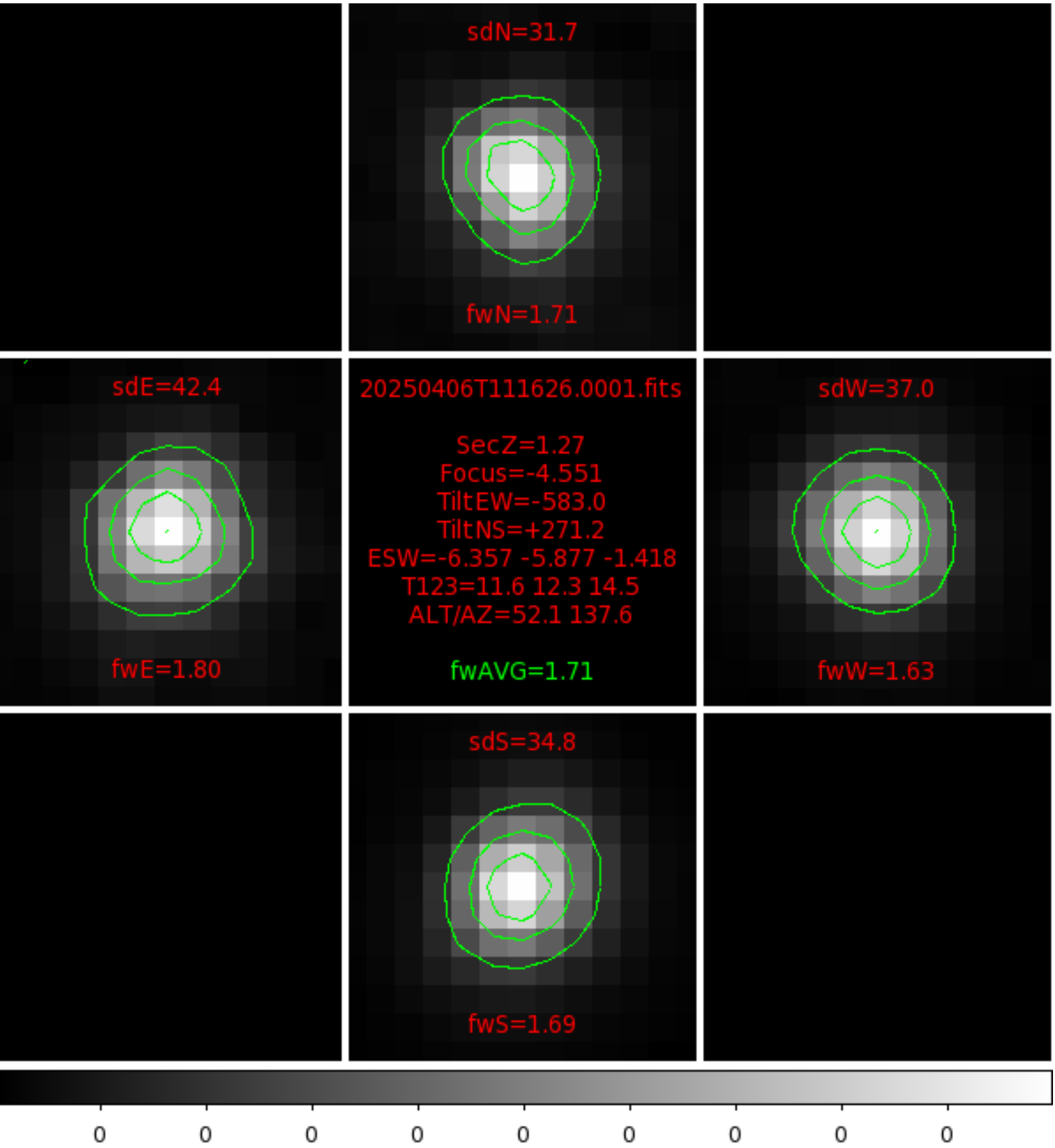
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SecZ=1.27
Focus=-4.551
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.6 12.3 14.5
ALT/AZ=52.1 137.6
fwAVG=1.71
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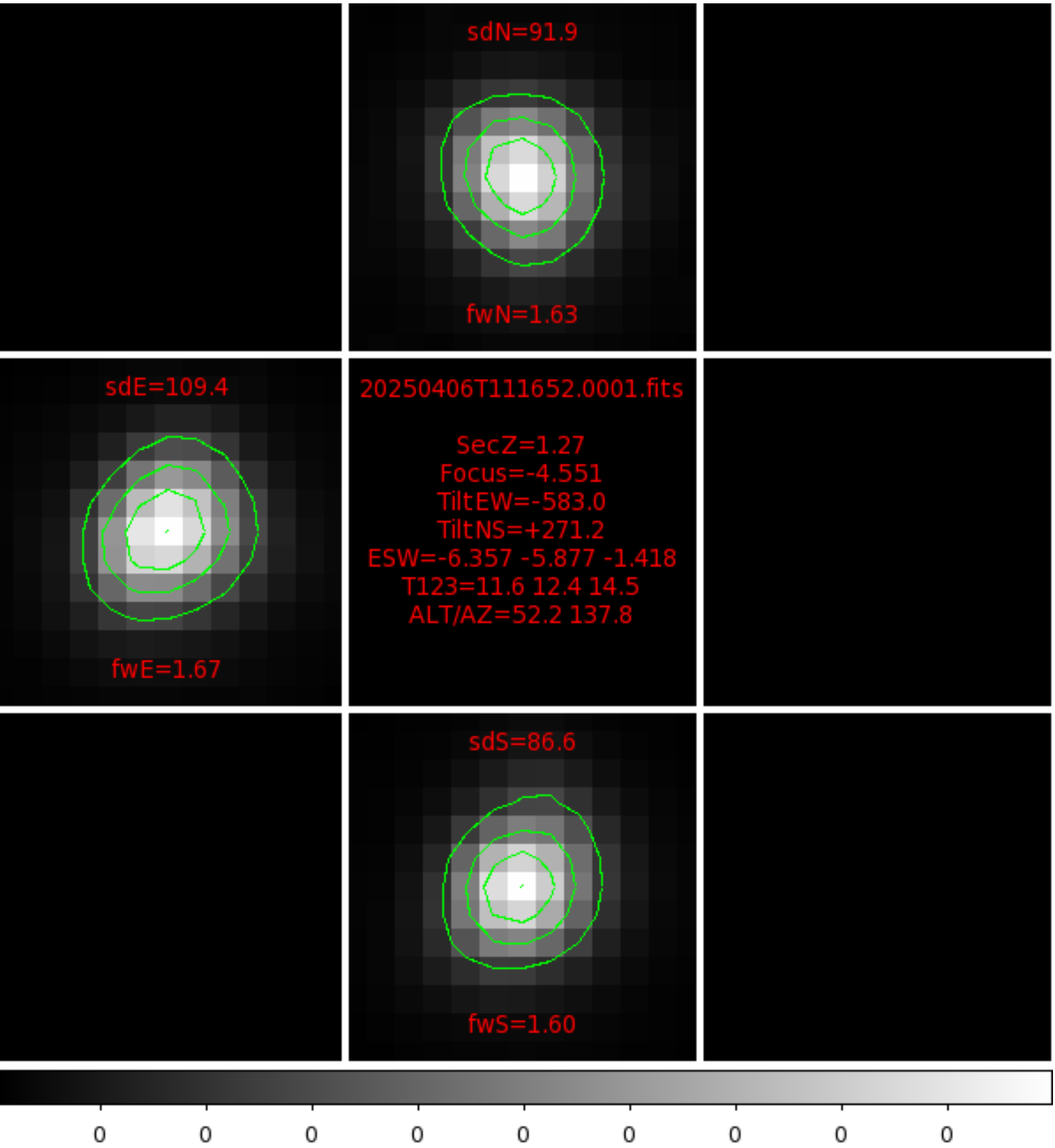
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fwE=1.67
20250406T111652.0001.fits
SecZ=1.27
Focus=-4.551
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.6 12.4 14.5
ALT/AZ=52.2 137.8
sdS=86.6
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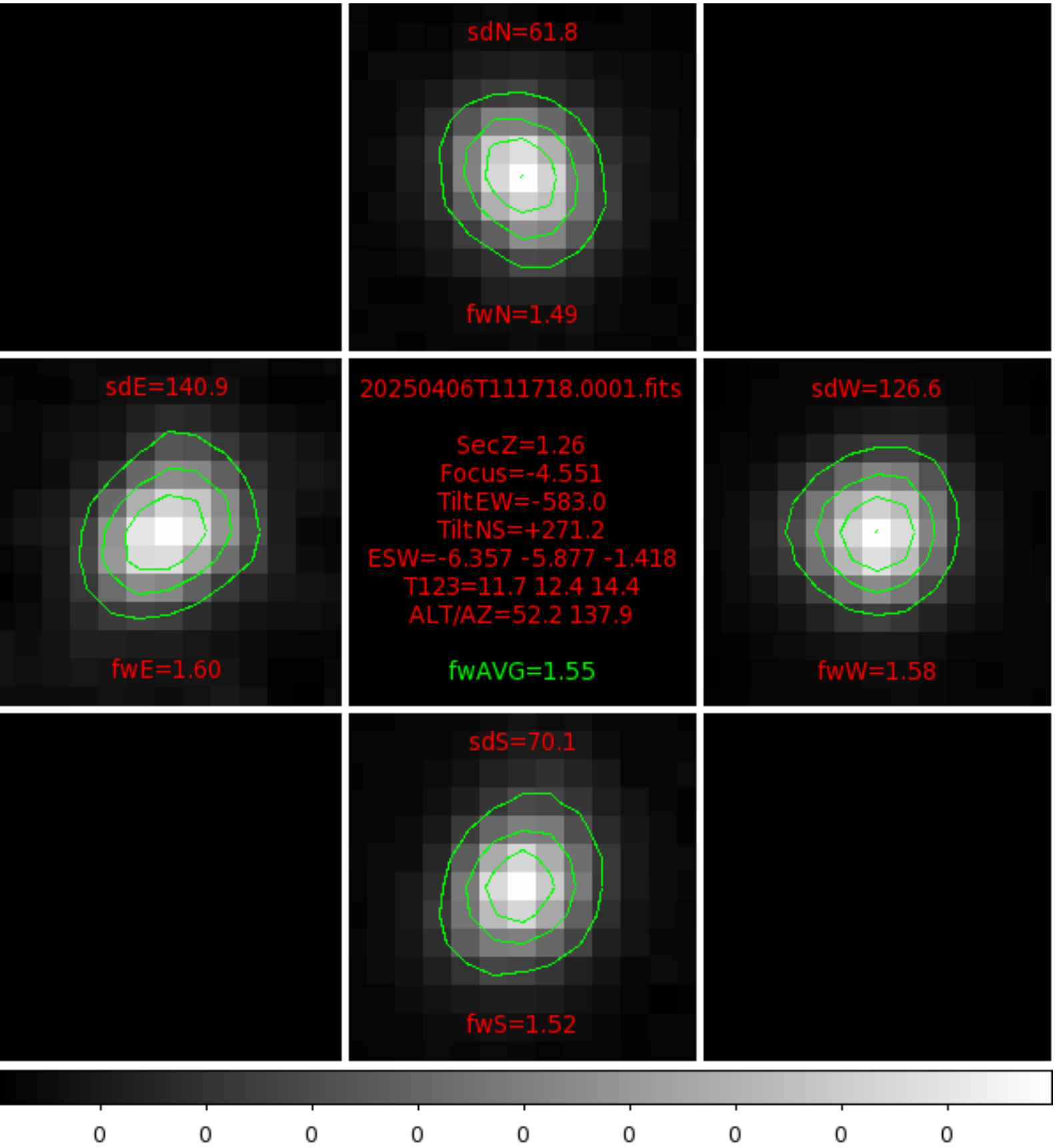
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SecZ=1.26
Focus=-4.551
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.357 -5.877 -1.418
T123=11.7 12.4 14.4
ALT/AZ=52.2 137.9
fwAVG=1.55
sdW=126.6
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sdS=70.1
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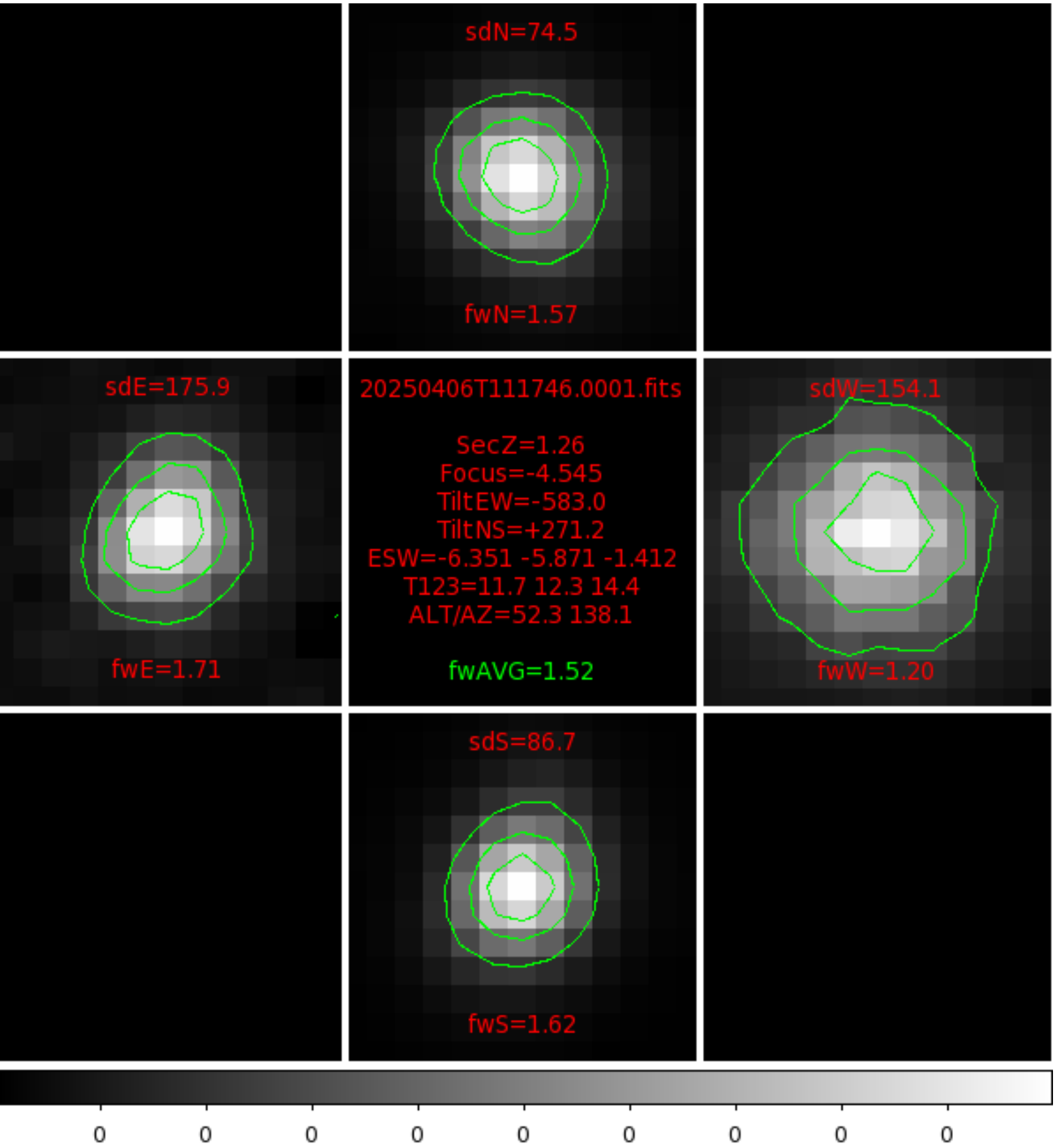
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fwE=1.71
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SecZ=1.26
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.3 14.4
ALT/AZ=52.3 138.1
fwAVG=1.52
sdW=154.1
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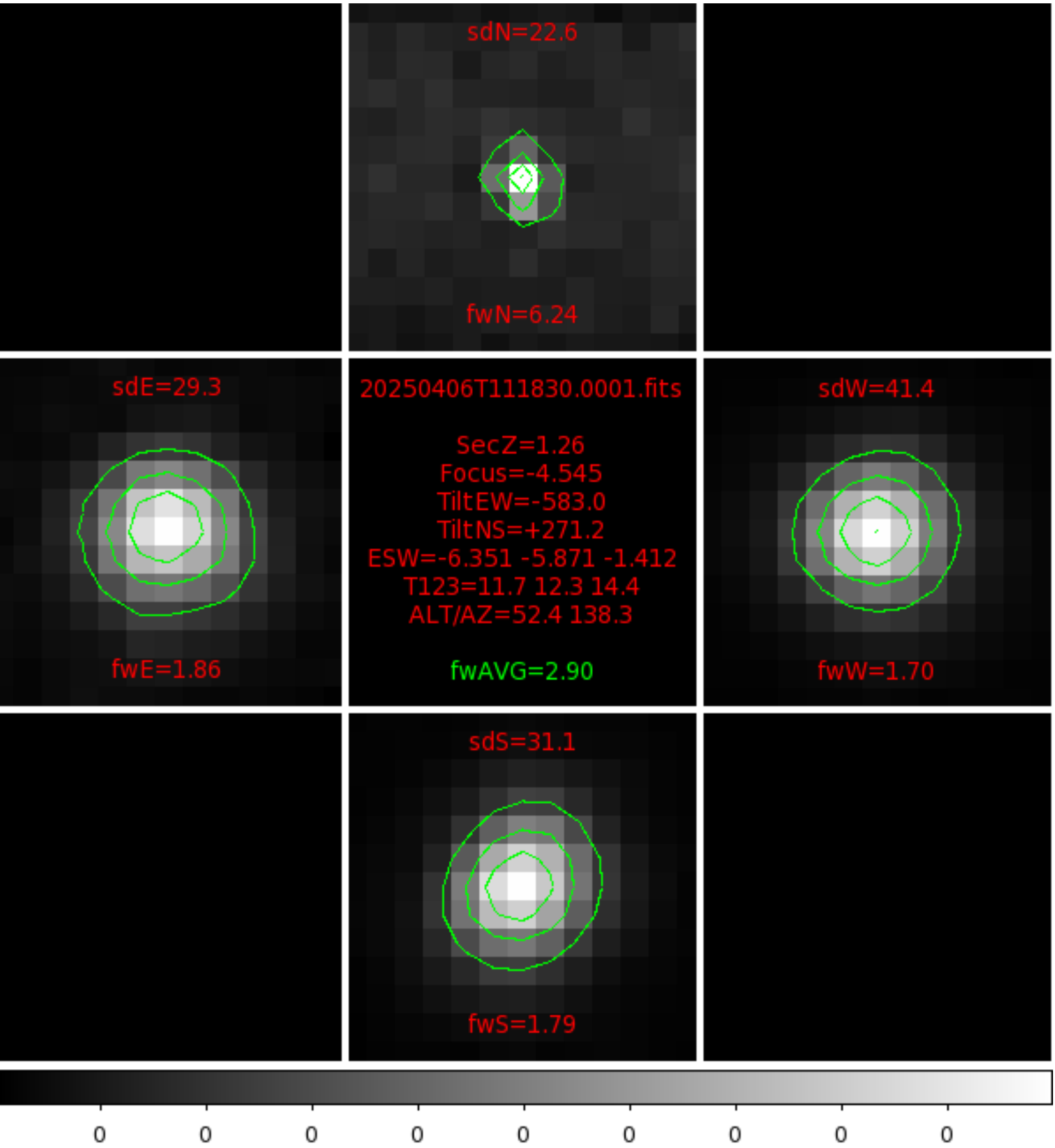
sdN=22.6
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sdE=29.3
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SecZ=1.26
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.3 14.4
ALT/AZ=52.4 138.3
fwAVG=2.90
sdW=41.4
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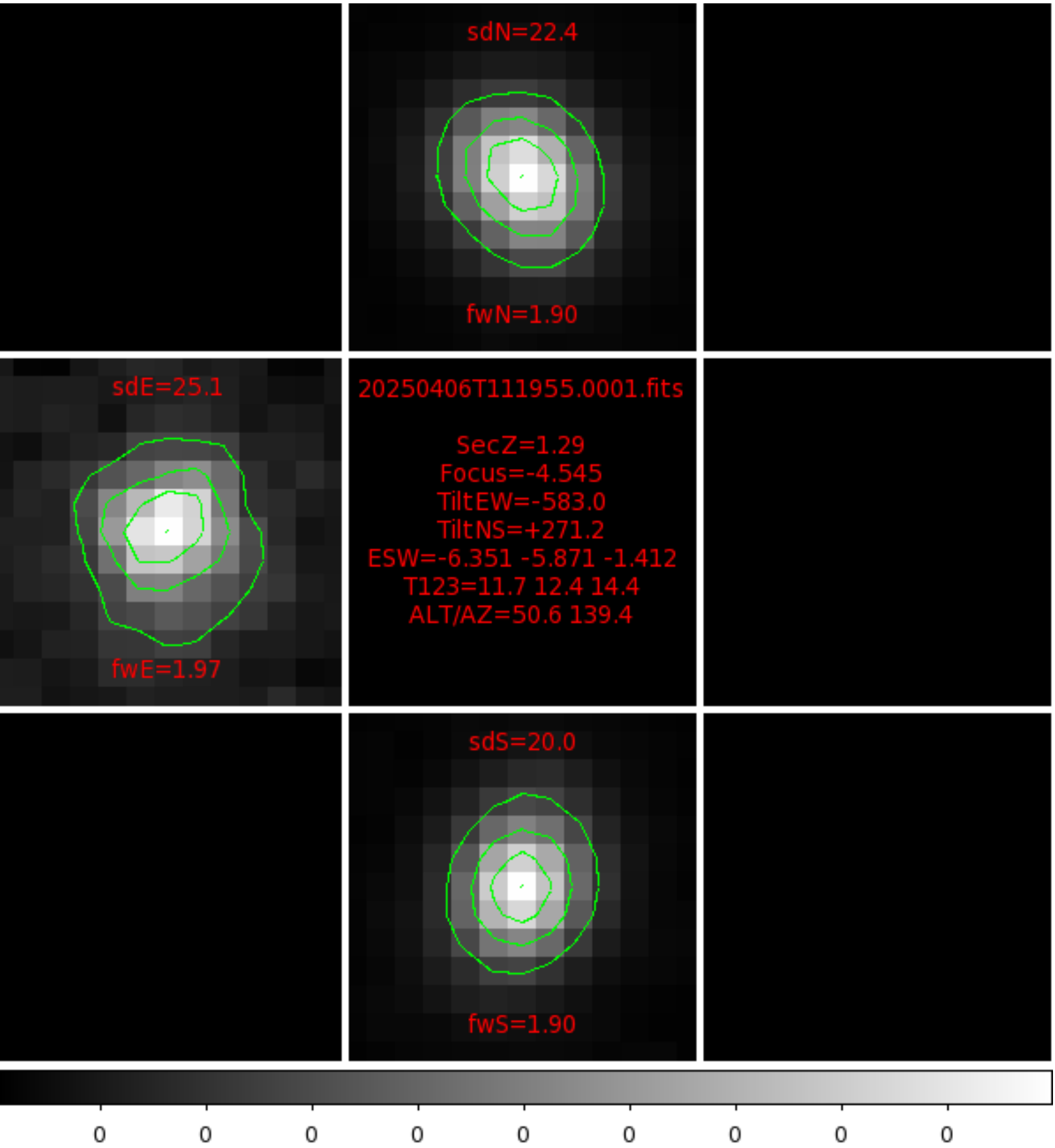
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fwE=1.97
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SecZ=1.29
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.4 14.4
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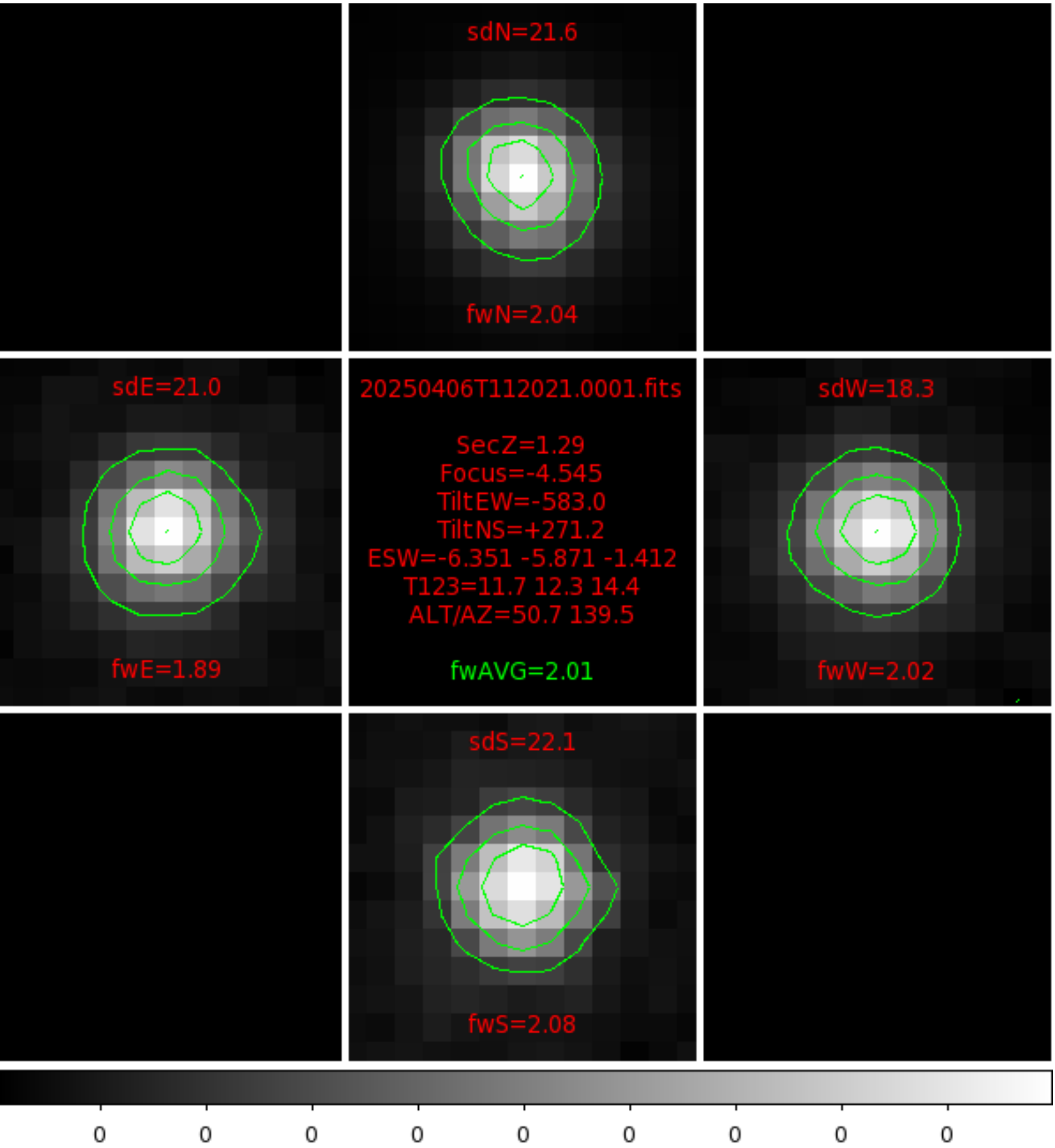
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SecZ=1.29
Focus=-4.545
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TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.3 14.4
ALT/AZ=50.7 139.5
fwAVG=2.01
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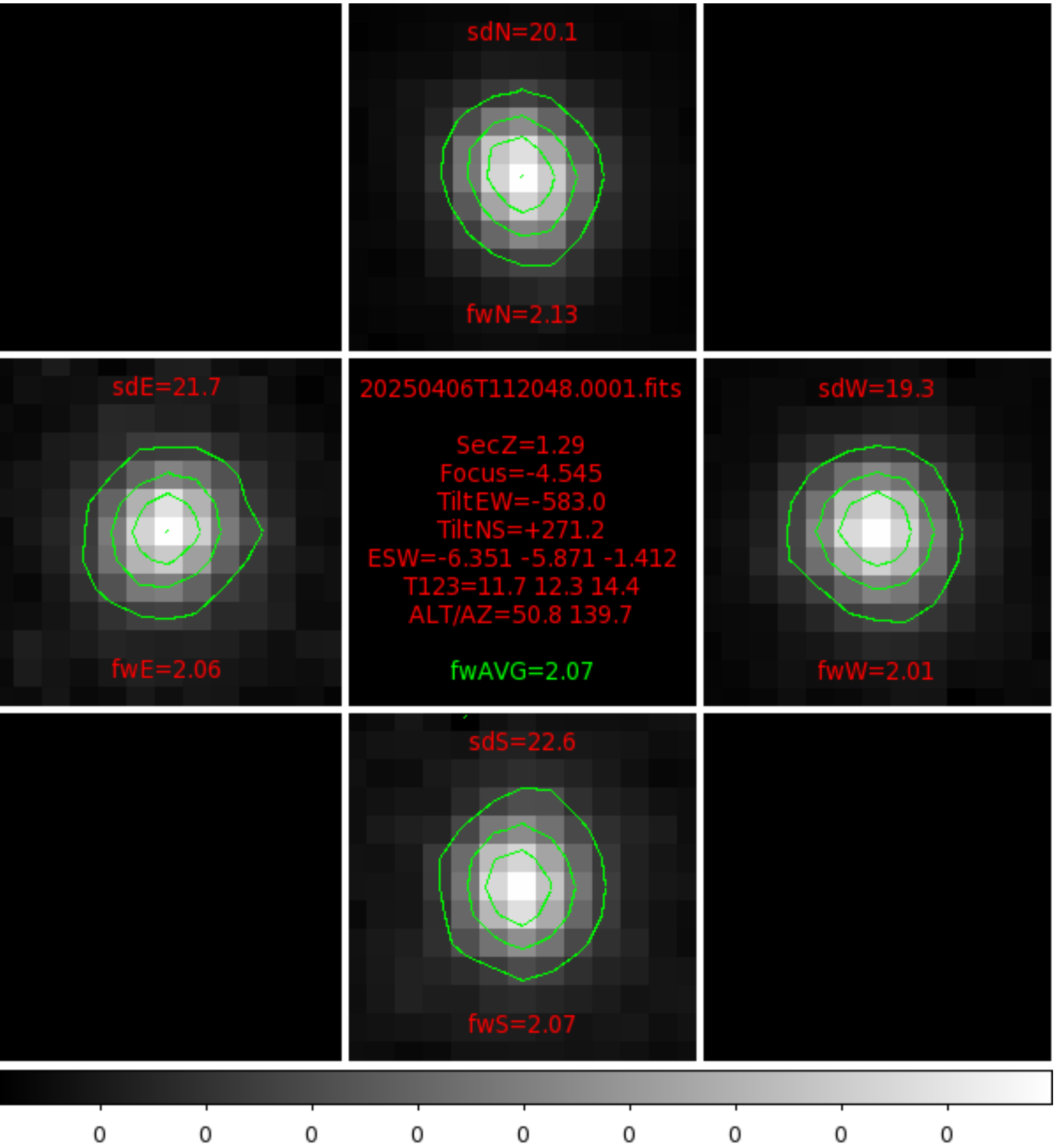
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SecZ=1.29
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TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.3 14.4
ALT/AZ=50.8 139.7
fwAVG=2.07
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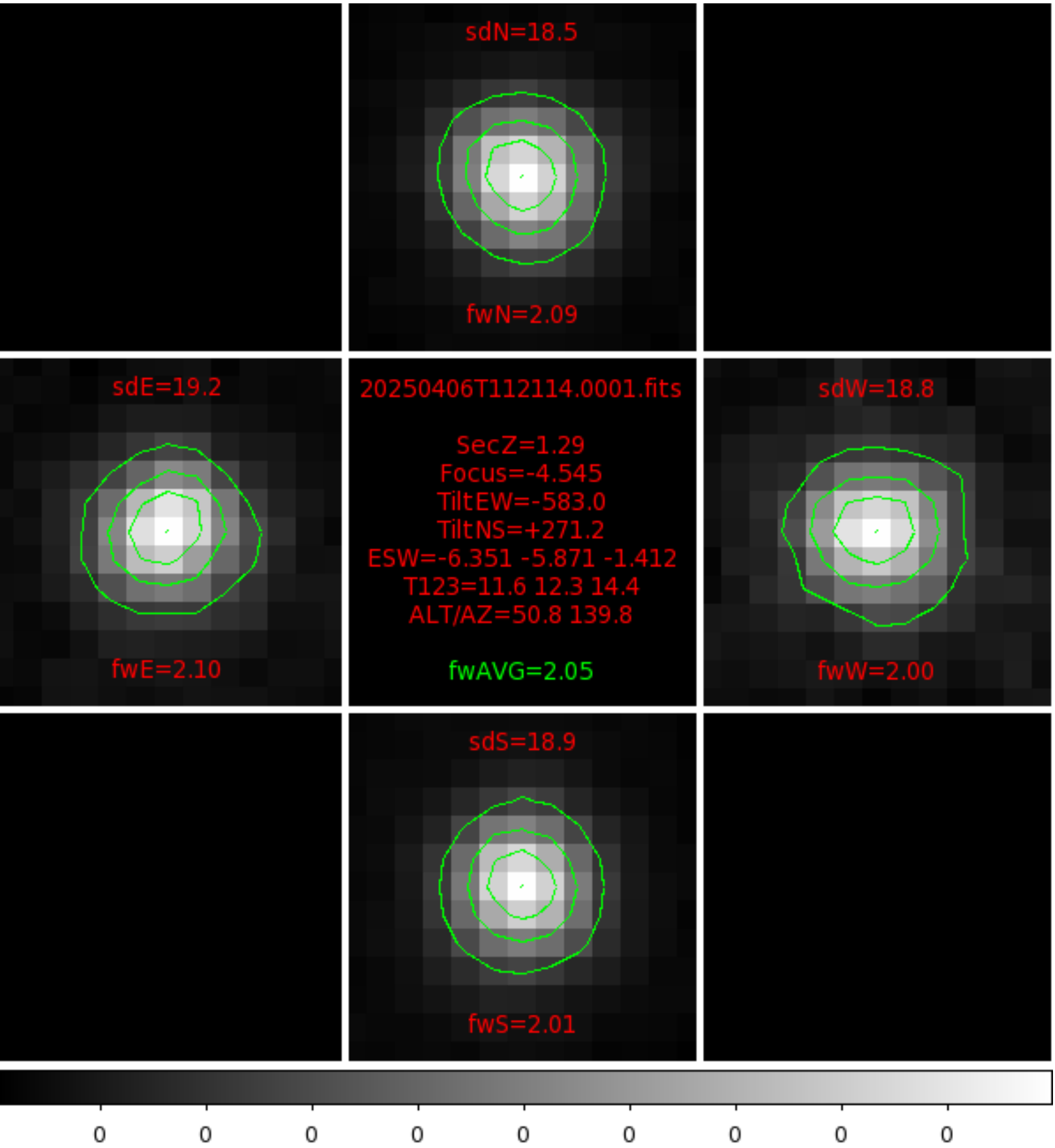
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T123=11.6 12.3 14.4
ALT/AZ=50.8 139.8
fwAVG=2.05
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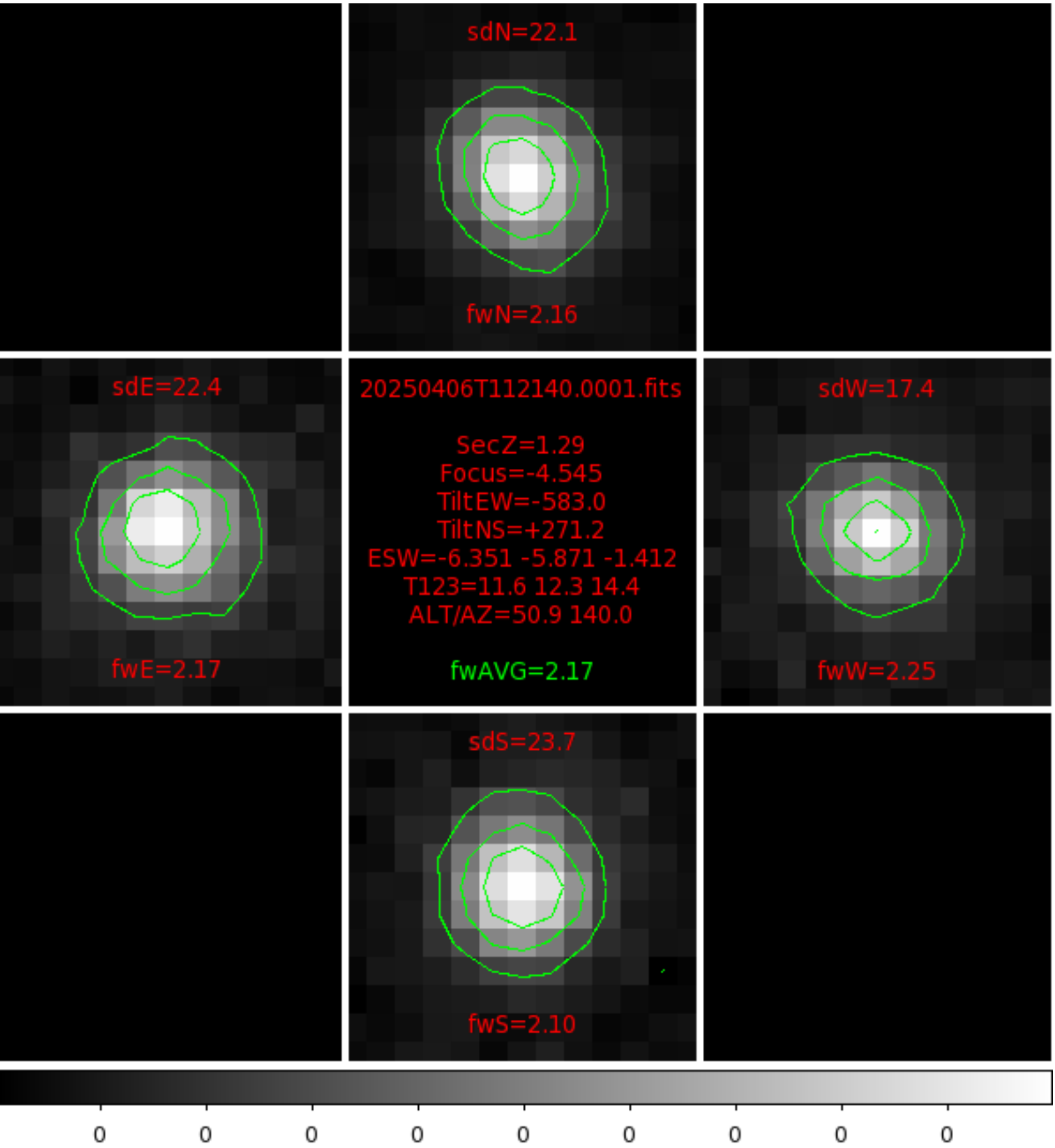
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SecZ=1.29
Focus=-4.545
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TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.3 14.4
ALT/AZ=50.9 140.0
fwAVG=2.17
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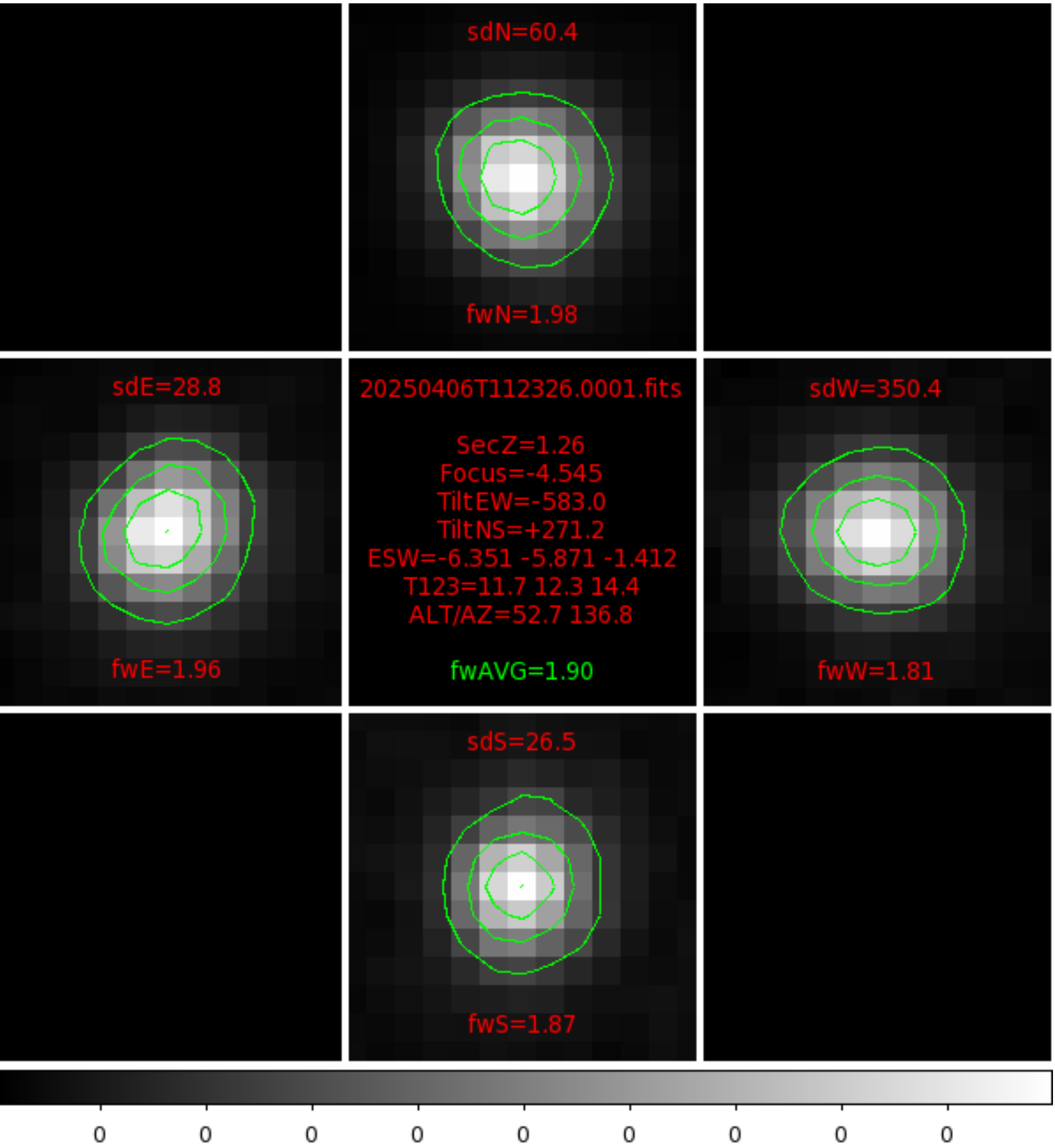
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fwE=1.96
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SecZ=1.26
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.3 14.4
ALT/AZ=52.7 136.8
fwAVG=1.90
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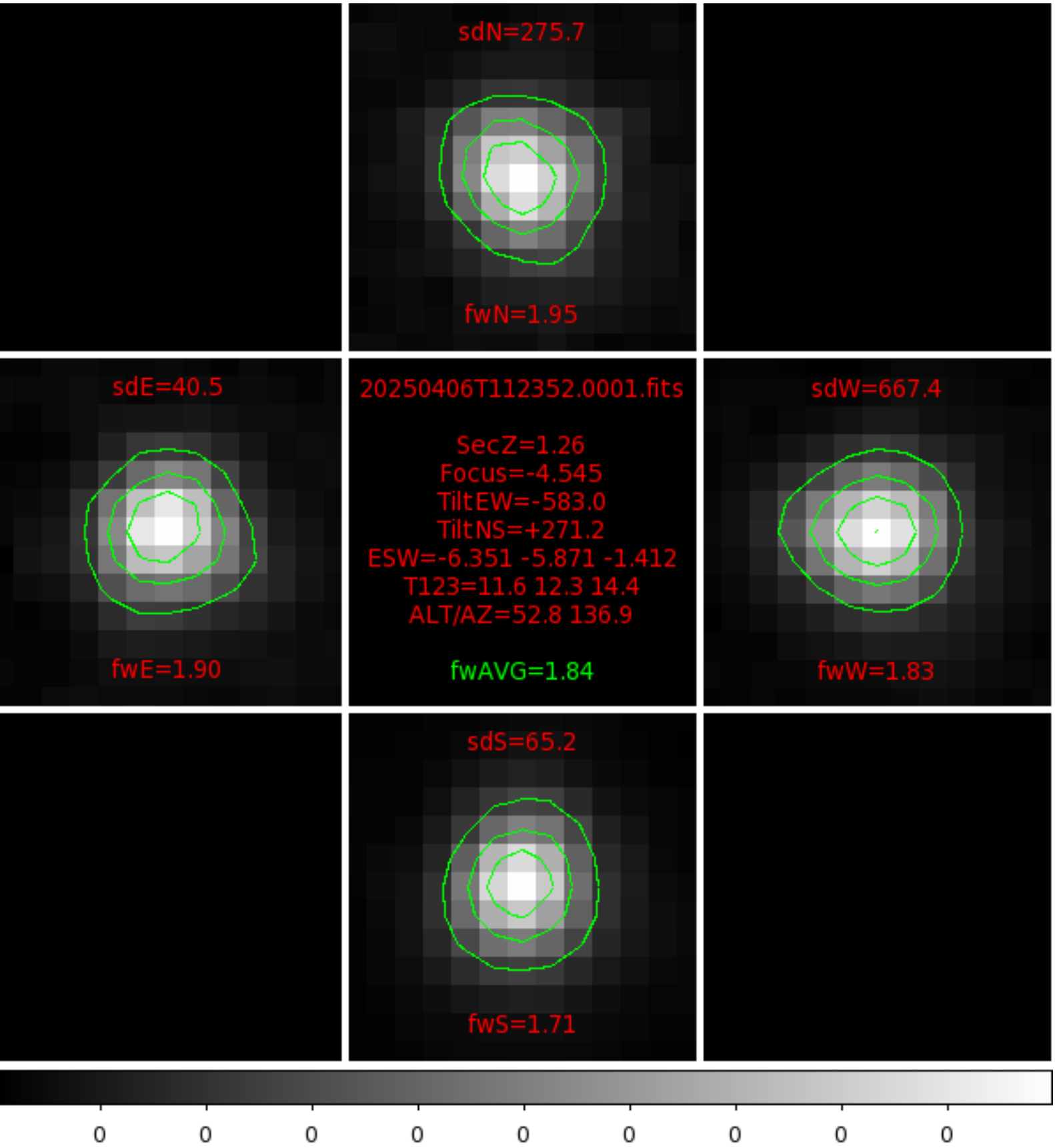
sdN=275.7
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sdE=40.5
fwE=1.90
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SecZ=1.26
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.3 14.4
ALT/AZ=52.8 136.9
fwAVG=1.84
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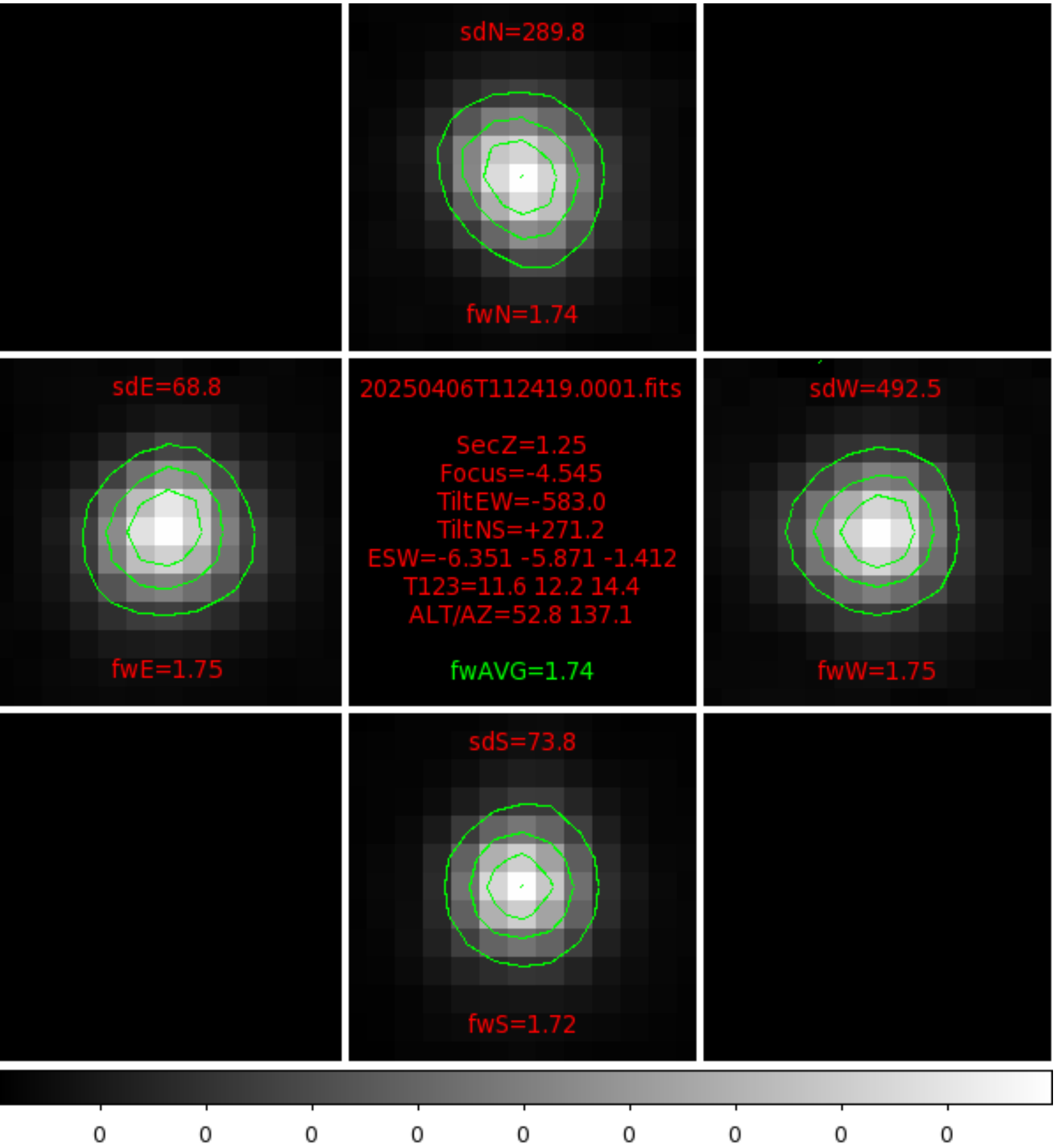
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SecZ=1.25
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.2 14.4
ALT/AZ=52.8 137.1
fwAVG=1.74
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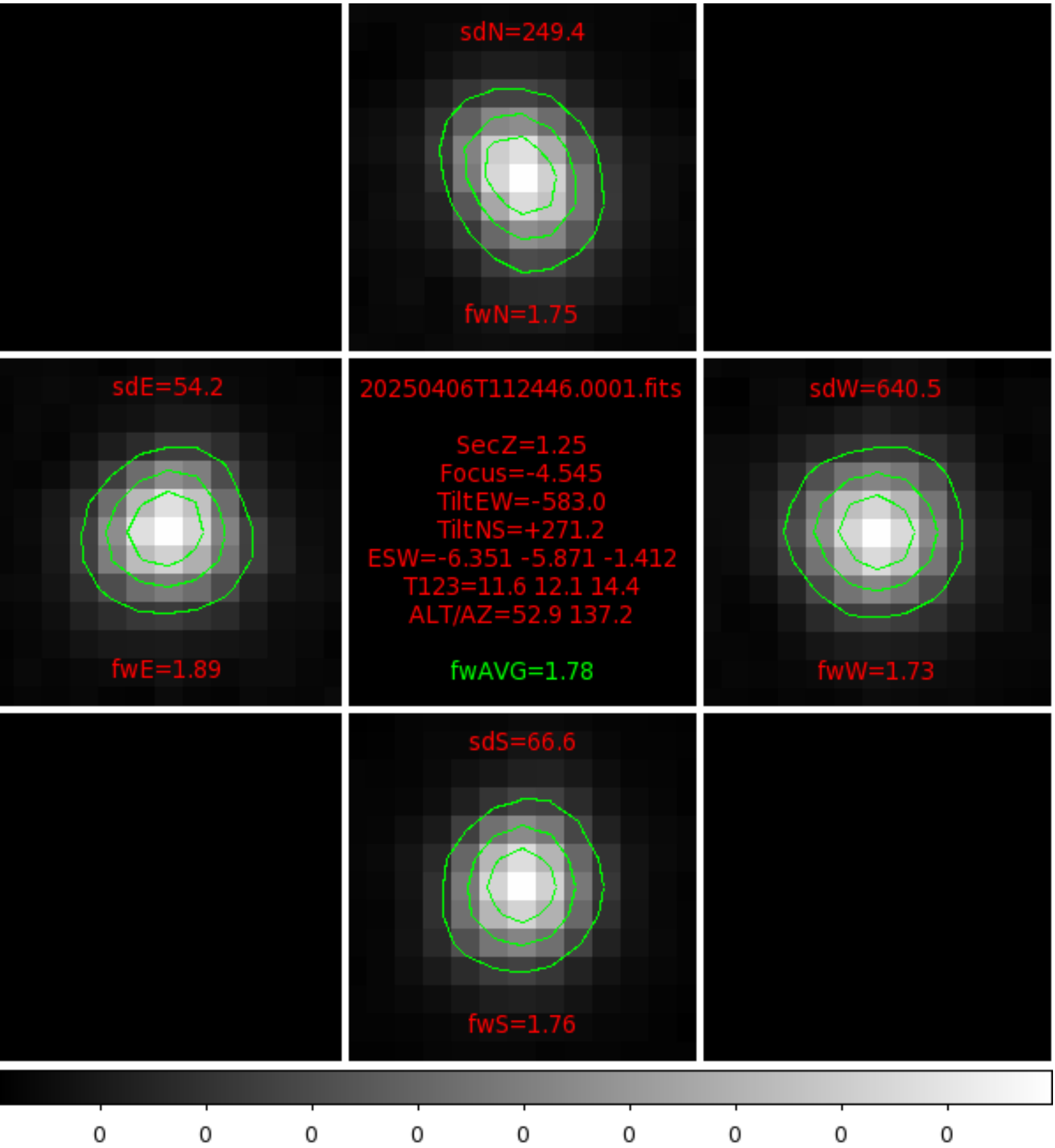
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sdE=54.2
fwE=1.89
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SecZ=1.25
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.1 14.4
ALT/AZ=52.9 137.2
fwAVG=1.78
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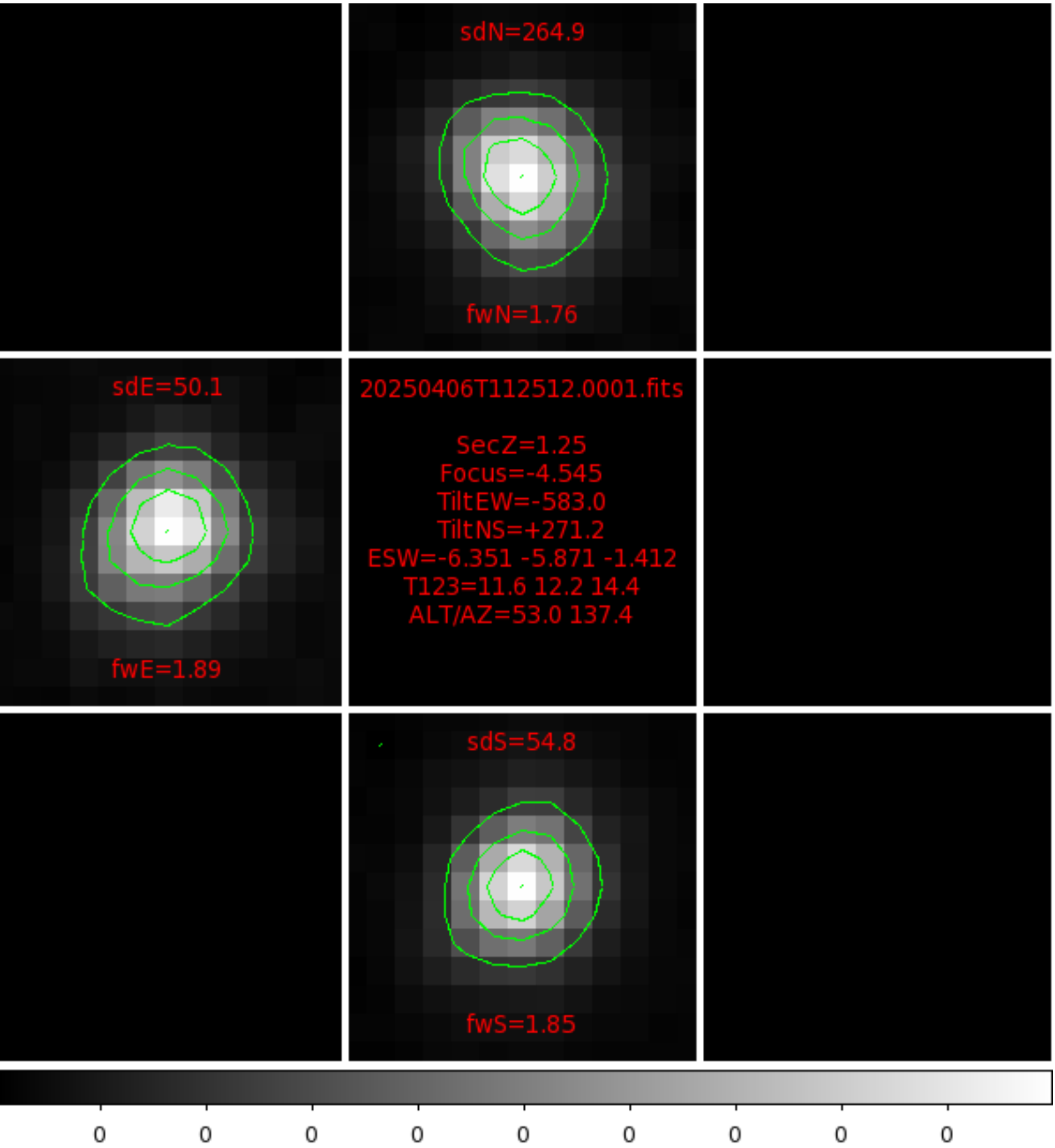
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sdE=50.1
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SecZ=1.25
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.2 14.4
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sdS=54.8
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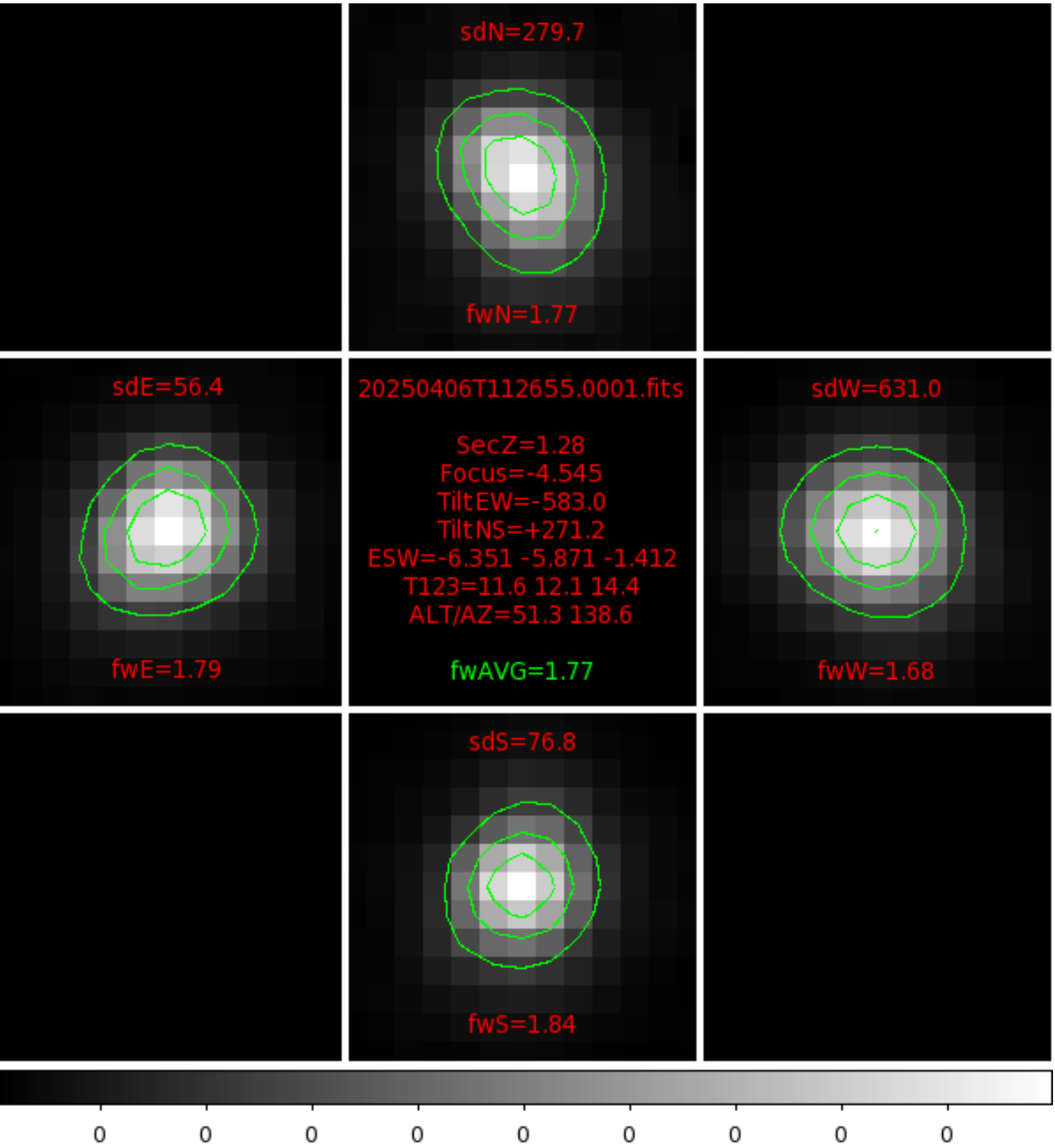
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SecZ=1.28
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TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.1 14.4
ALT/AZ=51.3 138.6
fwAVG=1.77
sdW=631.0
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sdS=76.8
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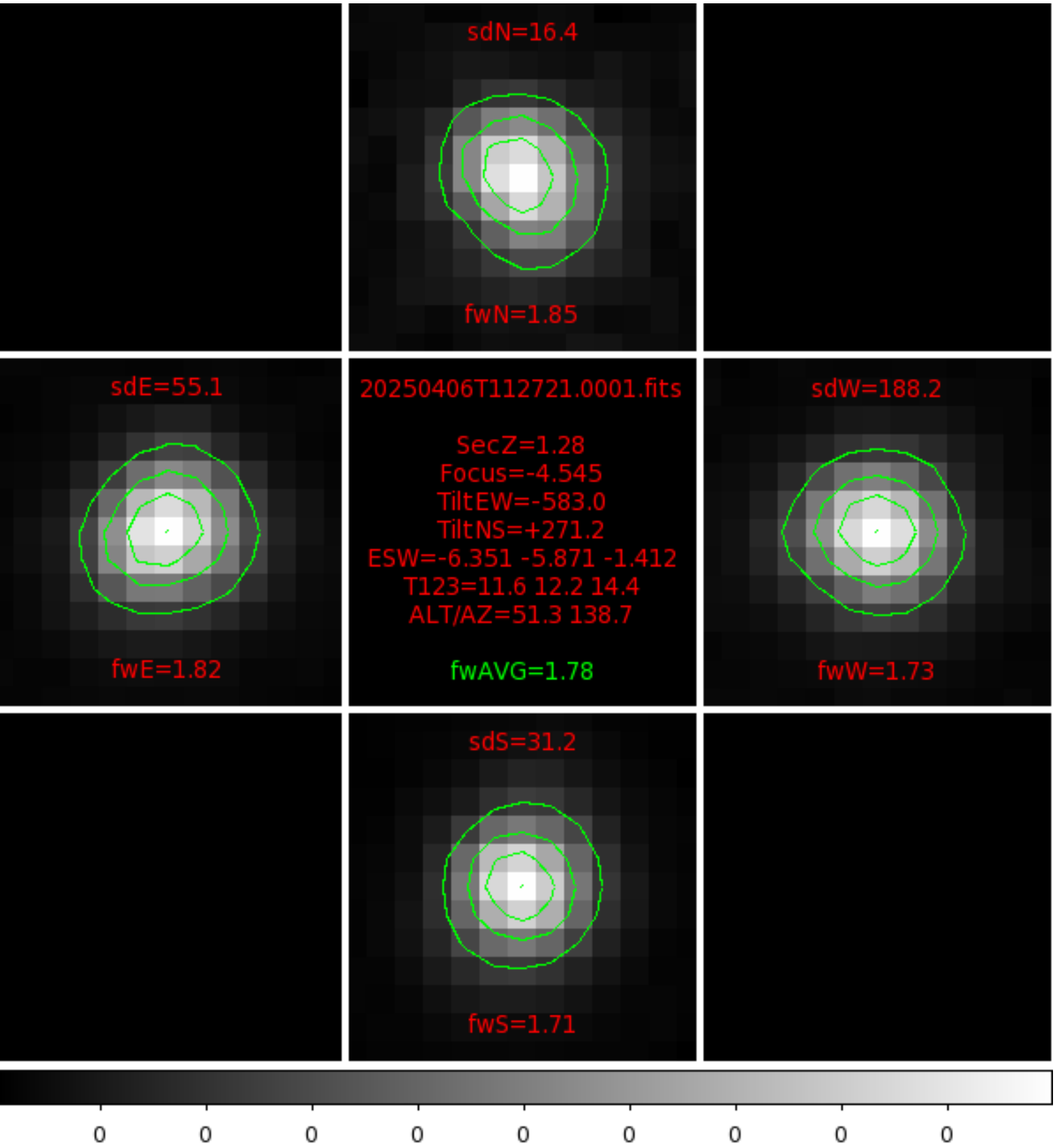
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ESW=-6.351 -5.871 -1.412
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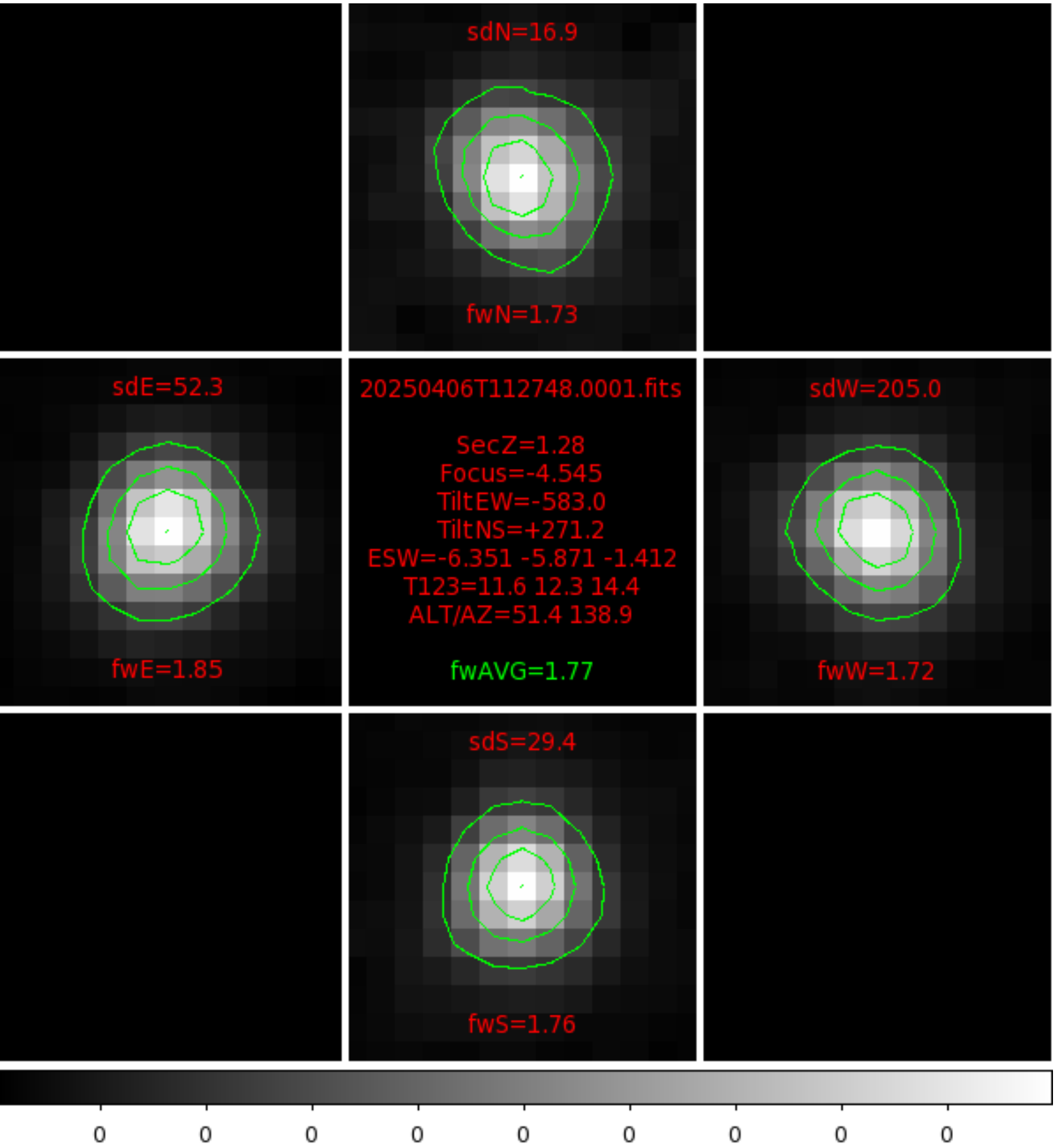
sdN=16.9
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fwE=1.85
20250406T112748.0001.fits
SecZ=1.28
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fwAVG=1.77
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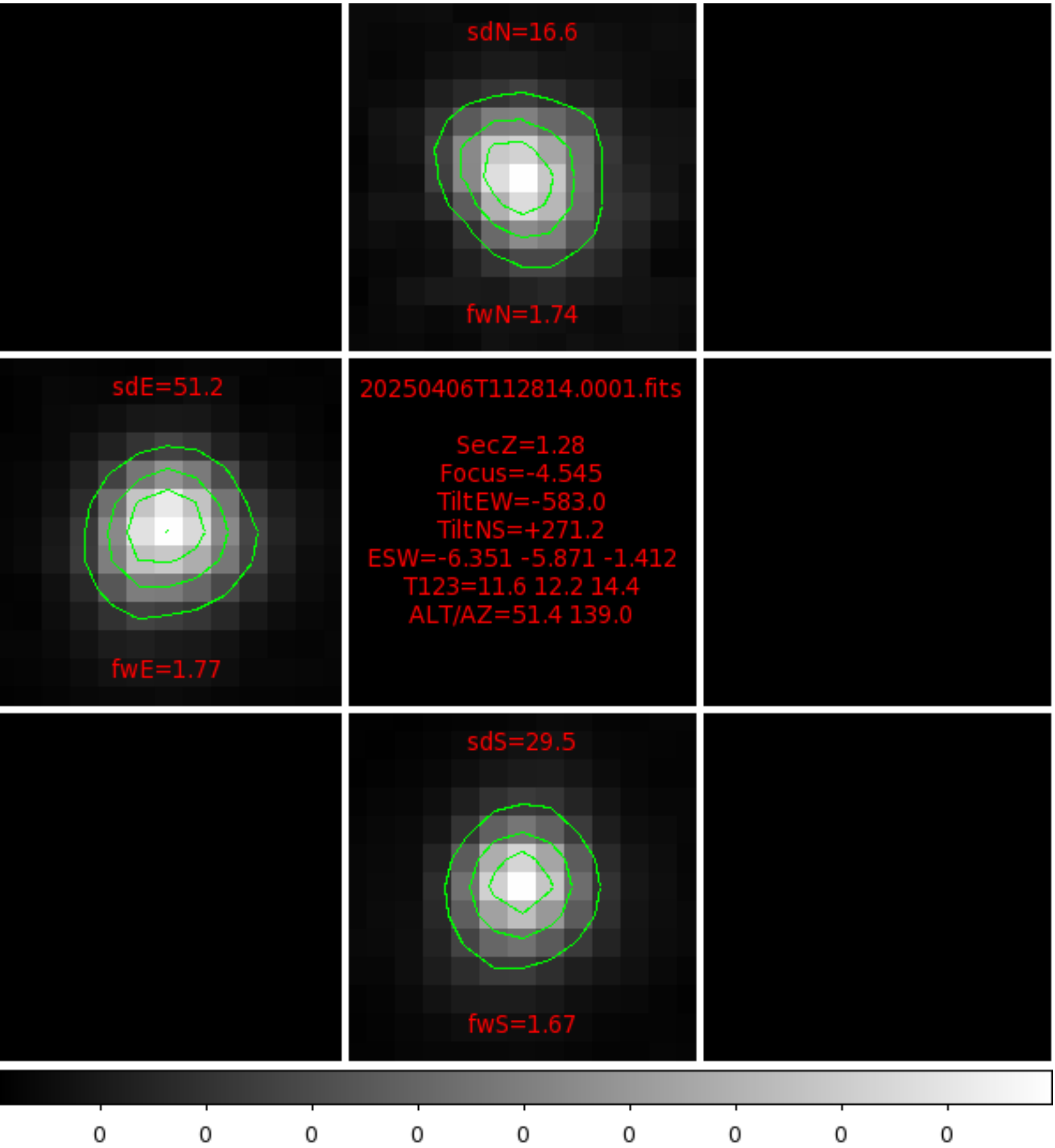
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20250406T112814.0001.fits
SecZ=1.28
Focus=-4.545
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TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.2 14.4
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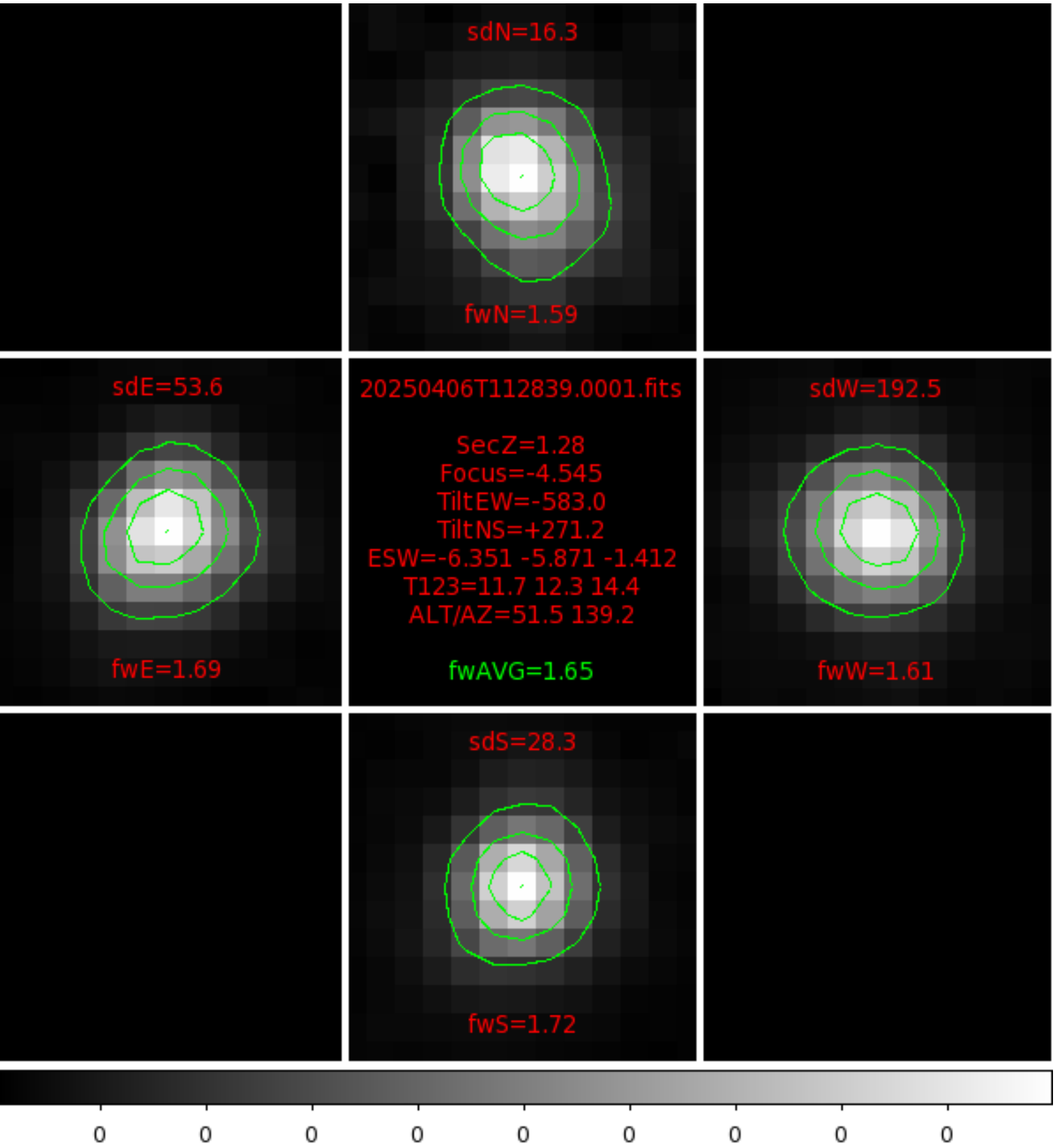
sdN=16.3
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SecZ=1.28
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.3 14.4
ALT/AZ=51.5 139.2
fwAVG=1.65
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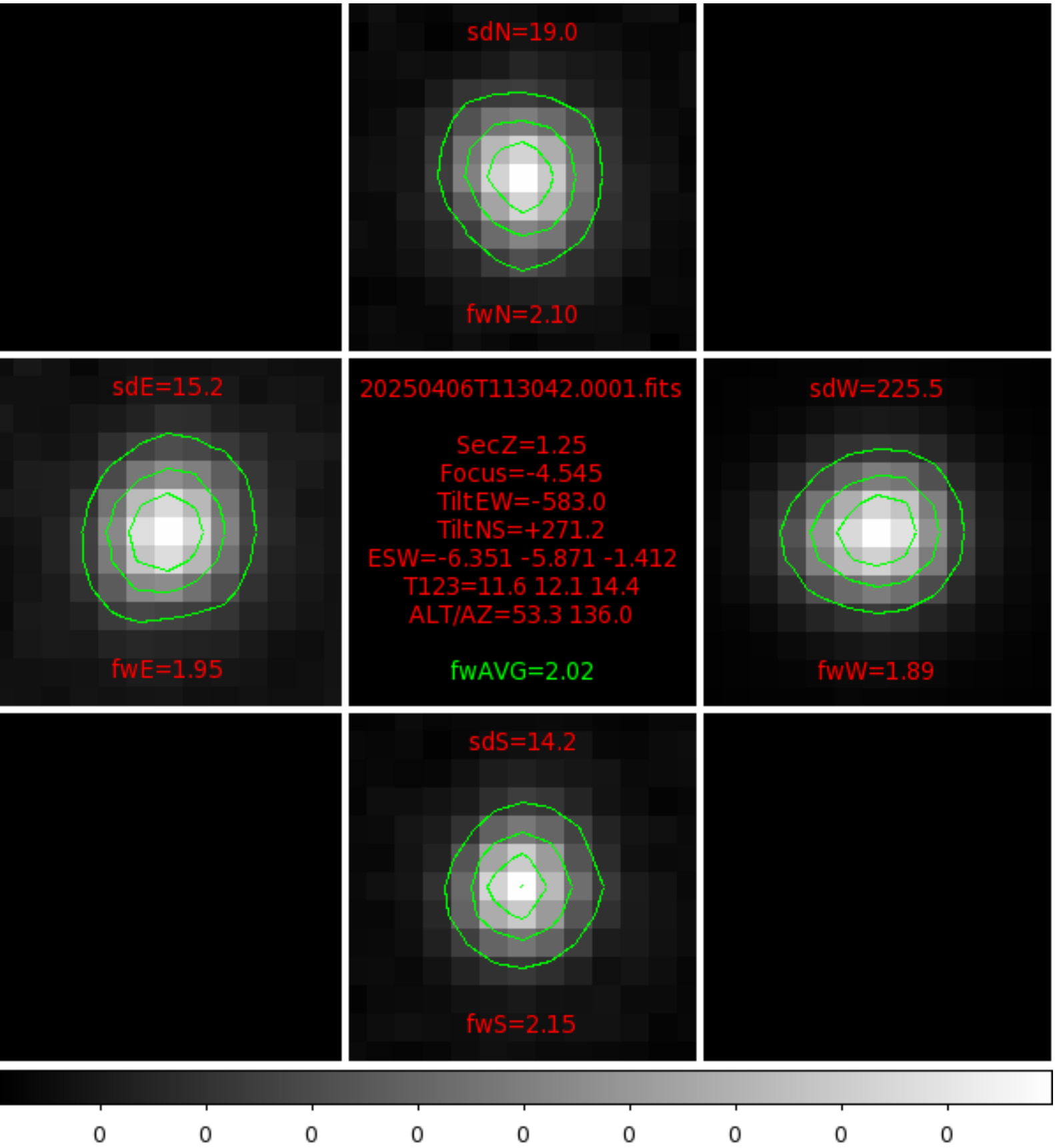
sdN=19.0
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sdE=15.2
fwE=1.95
20250406T113042.0001.fits
SecZ=1.25
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.1 14.4
ALT/AZ=53.3 136.0
fwAVG=2.02
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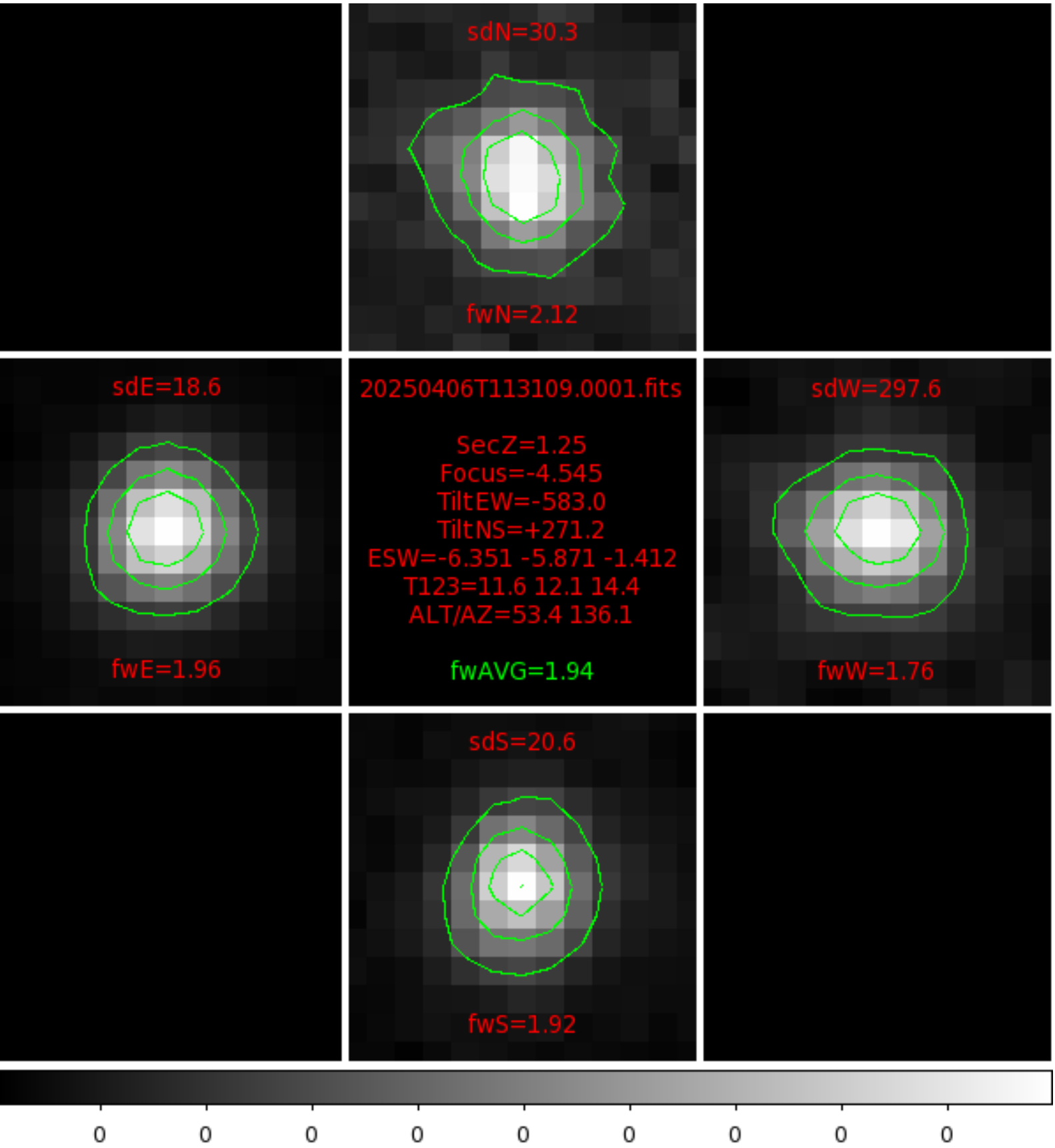
sdN=30.3
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sdE=18.6
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SecZ=1.25
Focus=-4.545
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TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.1 14.4
ALT/AZ=53.4 136.1
fwAVG=1.94
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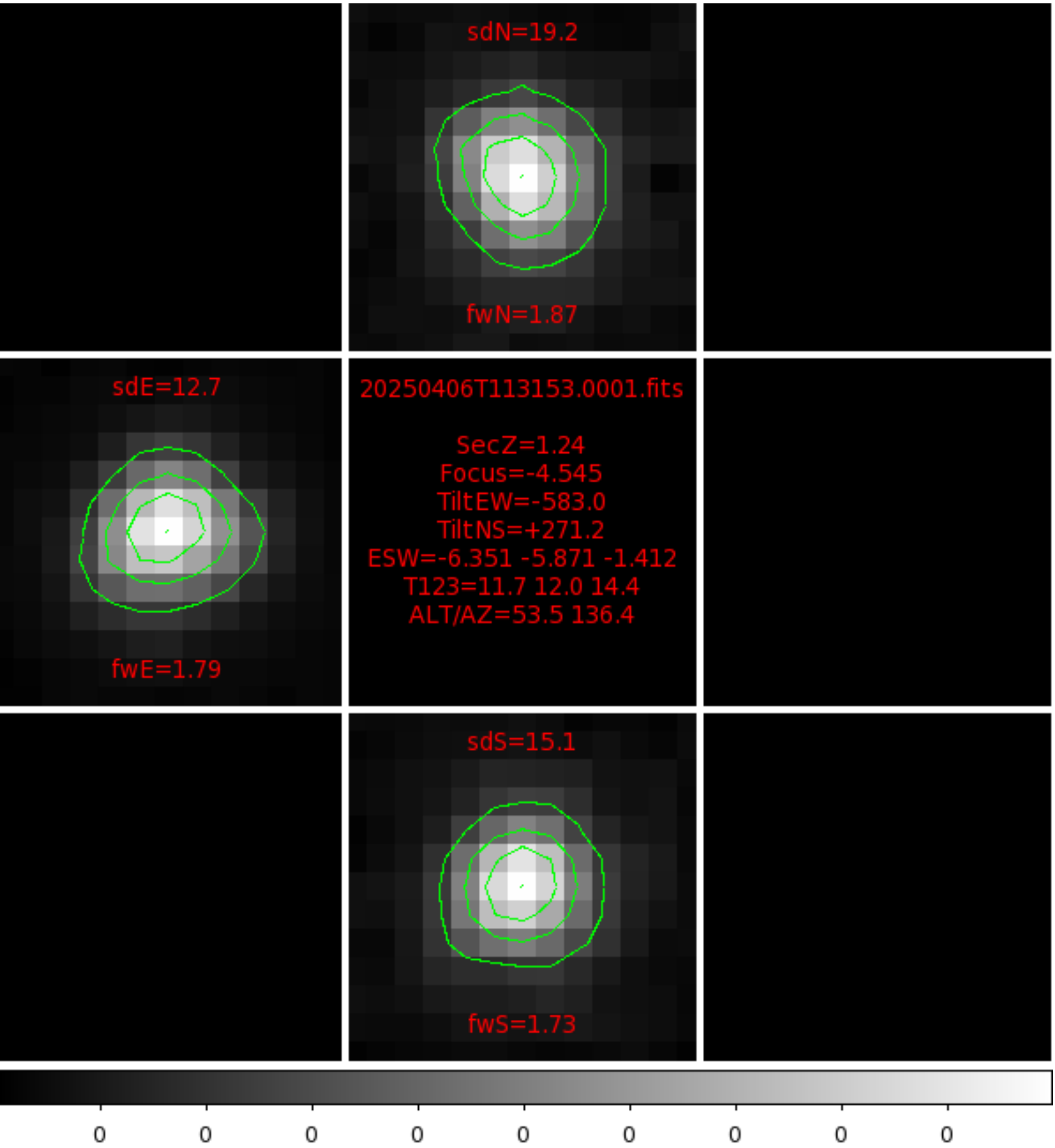
sdN=19.2
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sdE=12.7
fwE=1.79
20250406T113153.0001.fits
SecZ=1.24
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.0 14.4
ALT/AZ=53.5 136.4
sdS=15.1
fwS=1.73
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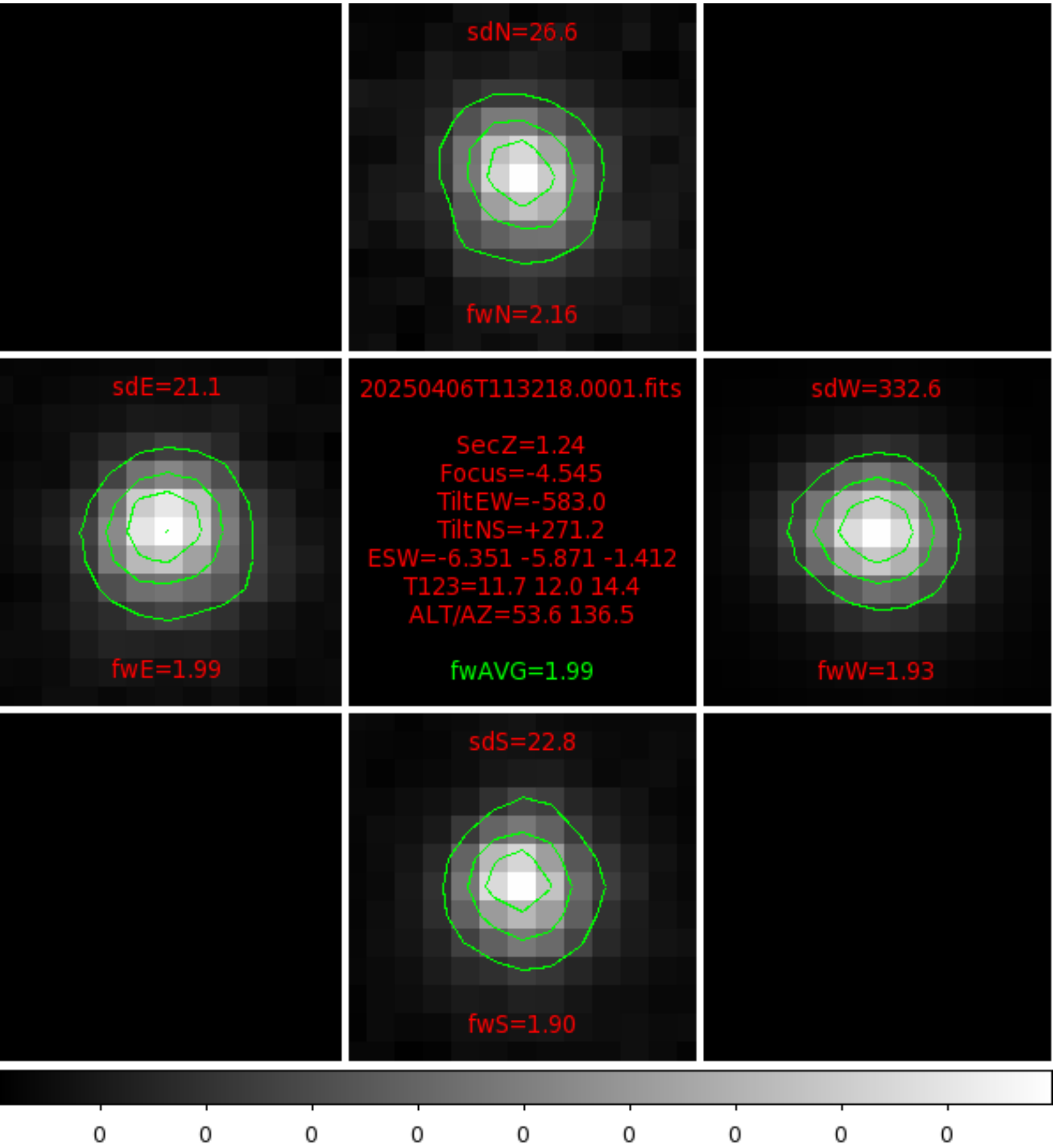
sdN=26.6
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sdE=21.1
fwE=1.99
20250406T113218.0001.fits
SecZ=1.24
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.0 14.4
ALT/AZ=53.6 136.5
fwAVG=1.99
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sdS=22.8
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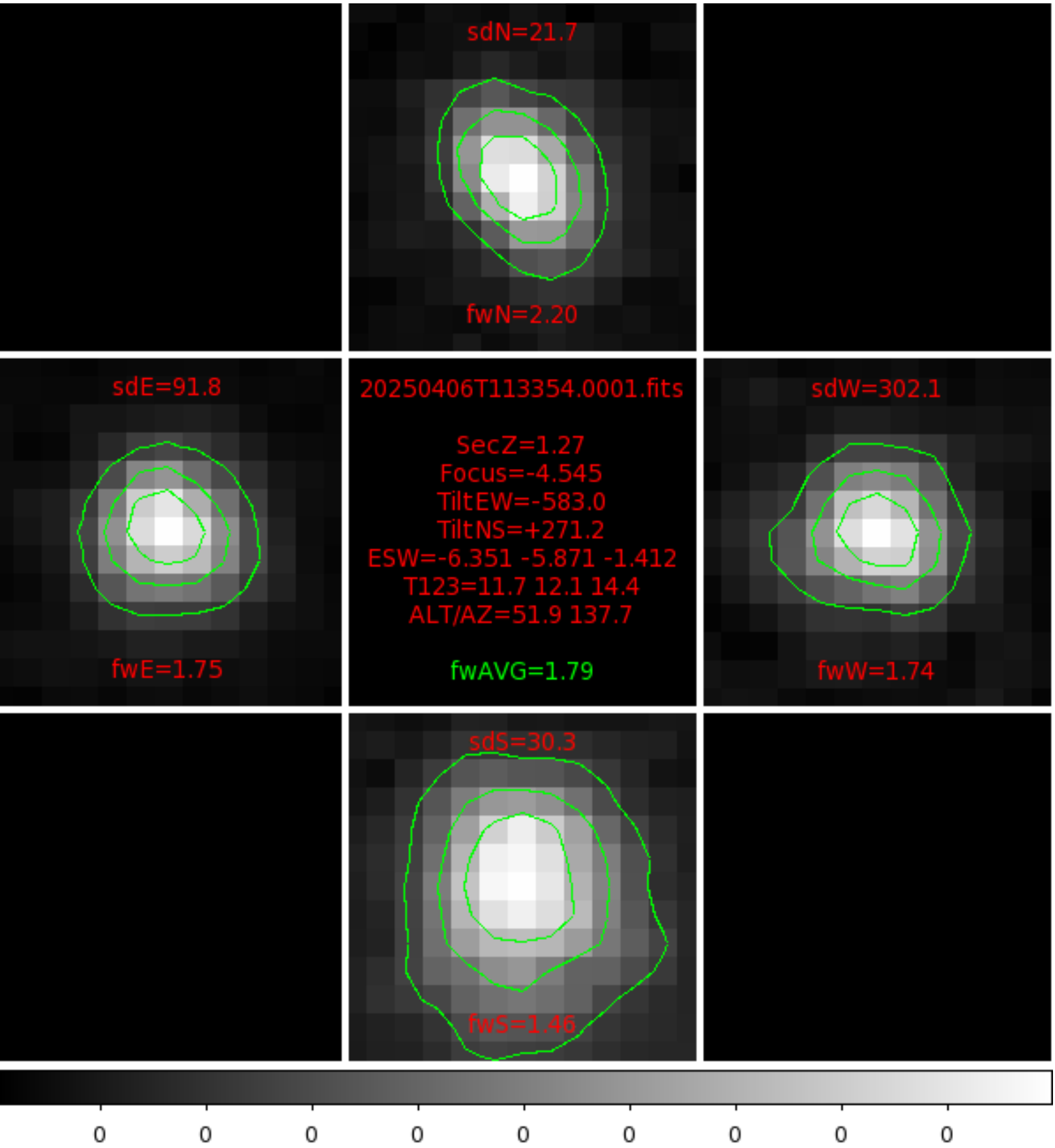
sdN=21.7
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sdE=91.8
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SecZ=1.27
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.1 14.4
ALT/AZ=51.9 137.7
fwAVG=1.79
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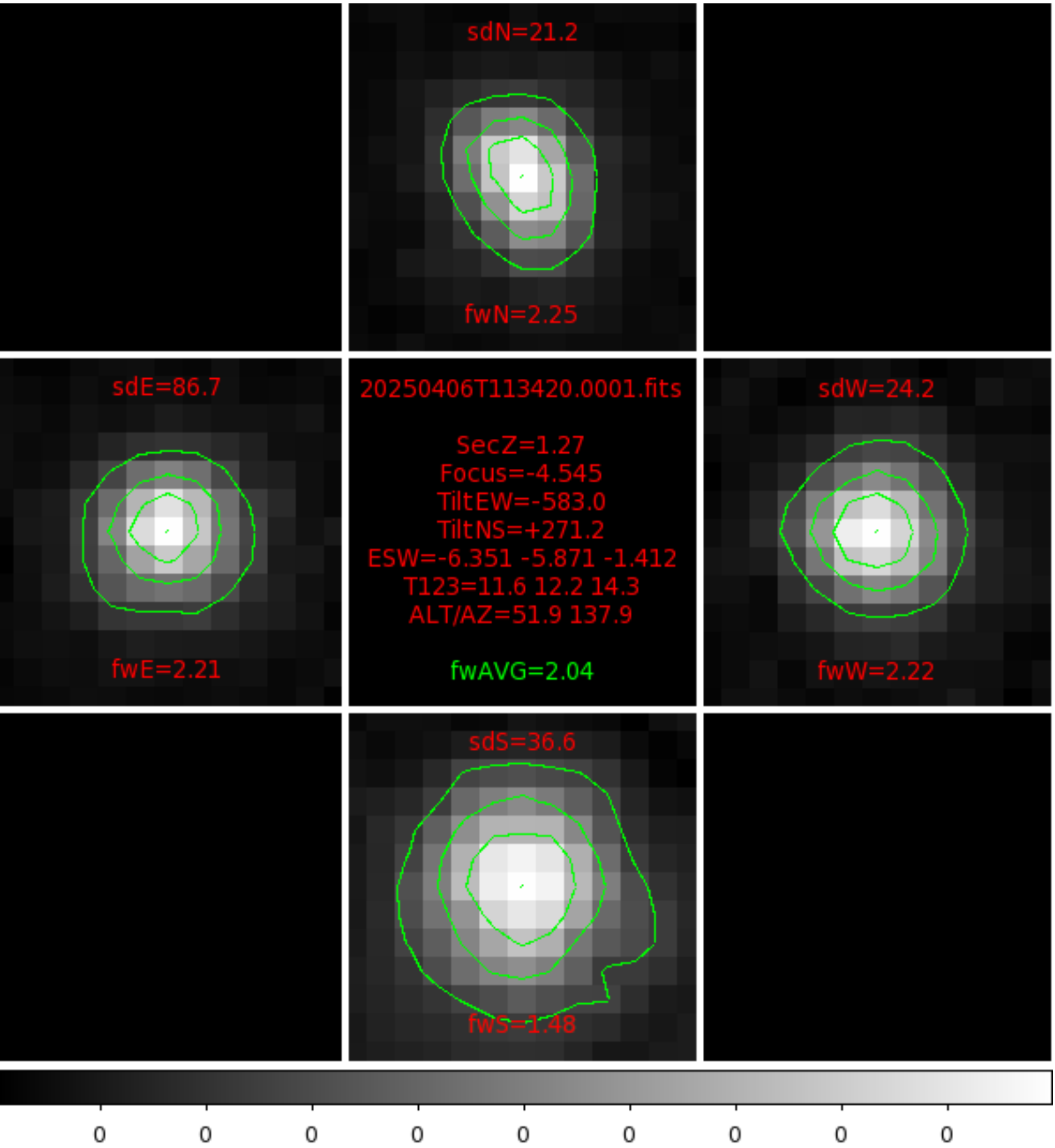
sdN=21.2
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sdE=86.7
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SecZ=1.27
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.2 14.3
ALT/AZ=51.9 137.9
fwAVG=2.04
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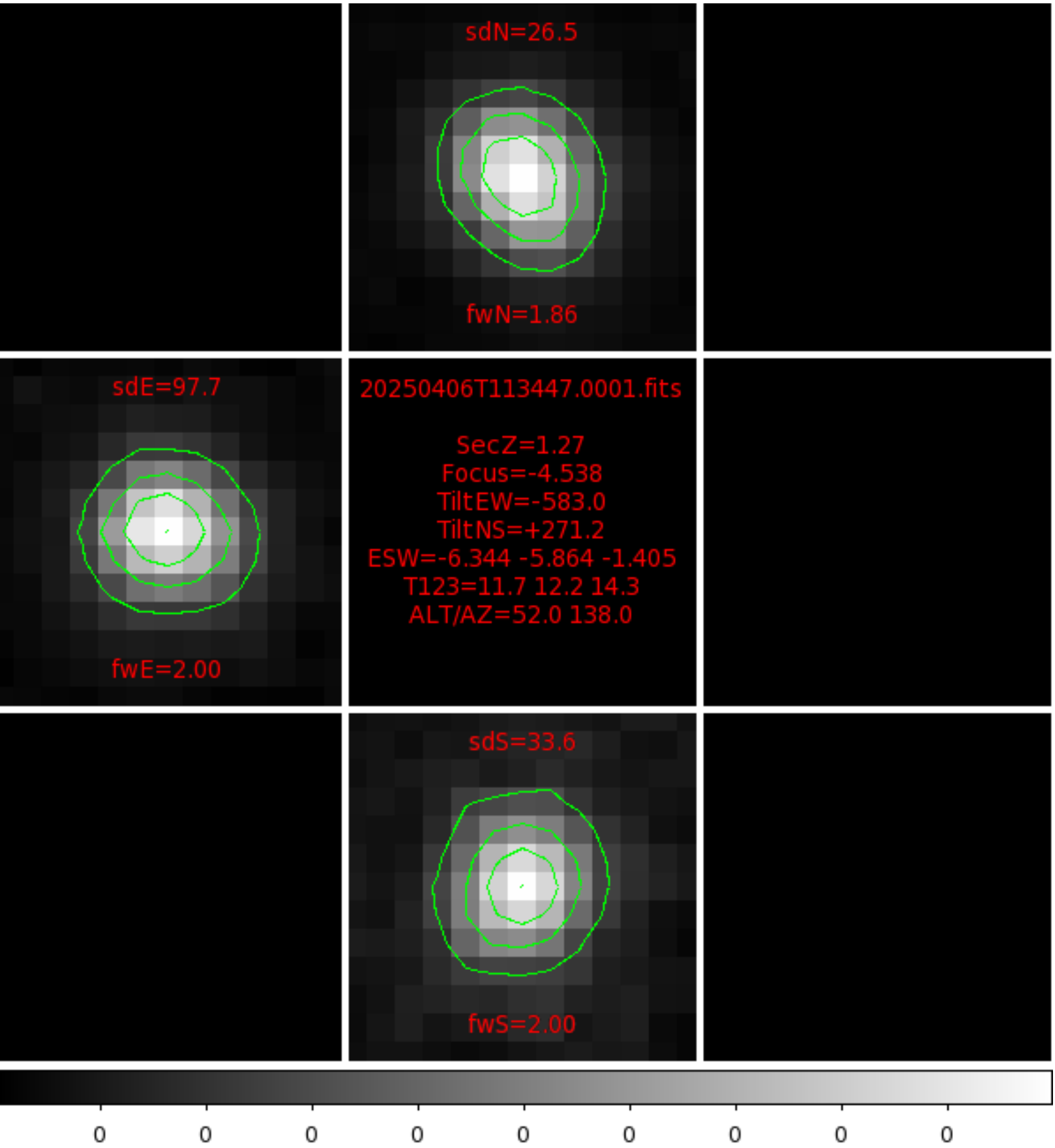
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SecZ=1.27
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.7 12.2 14.3
ALT/AZ=52.0 138.0
sdS=33.6
fwS=2.00
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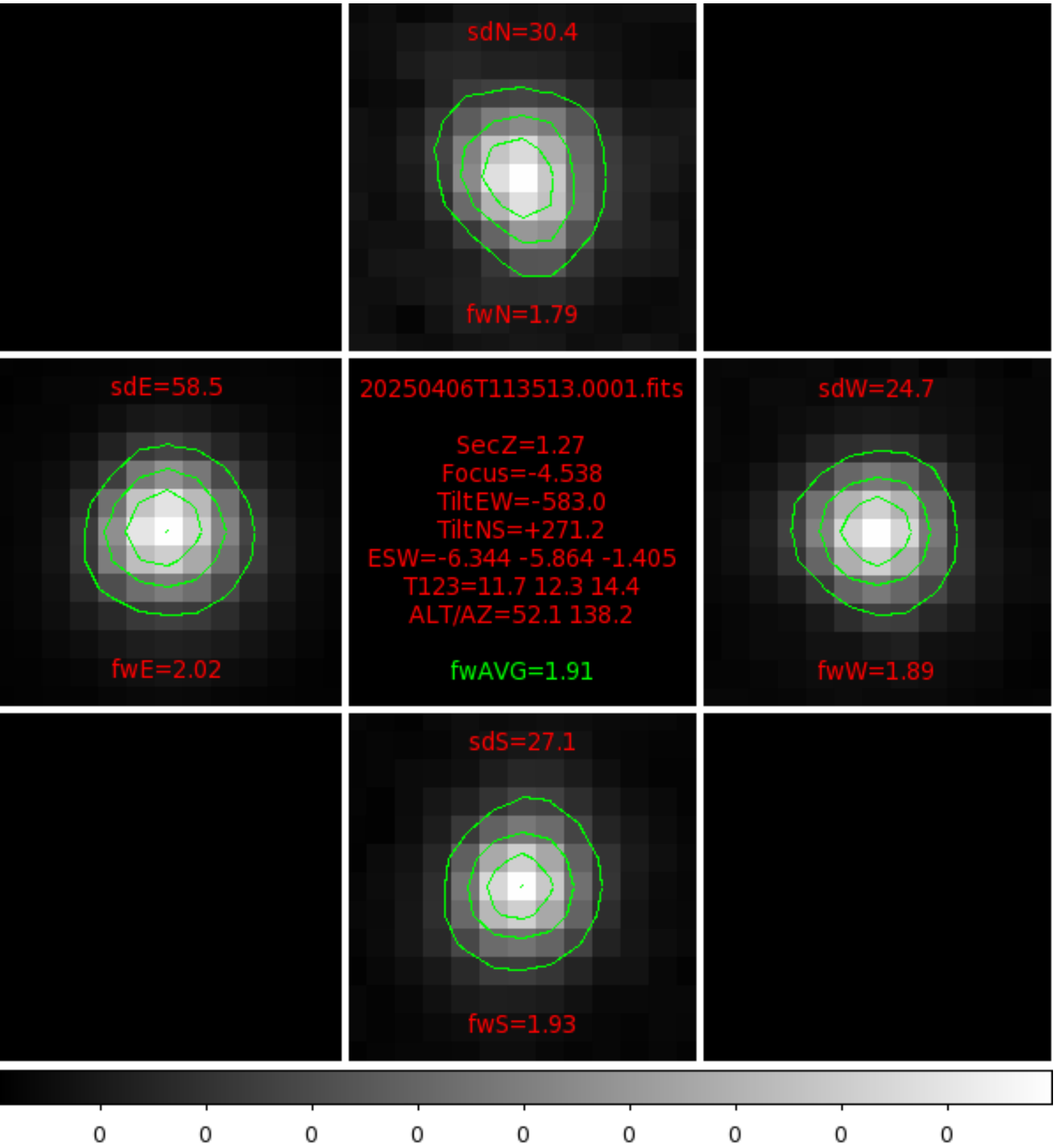
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SecZ=1.27
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.7 12.3 14.4
ALT/AZ=52.1 138.2
fwAVG=1.91
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sdS=27.1
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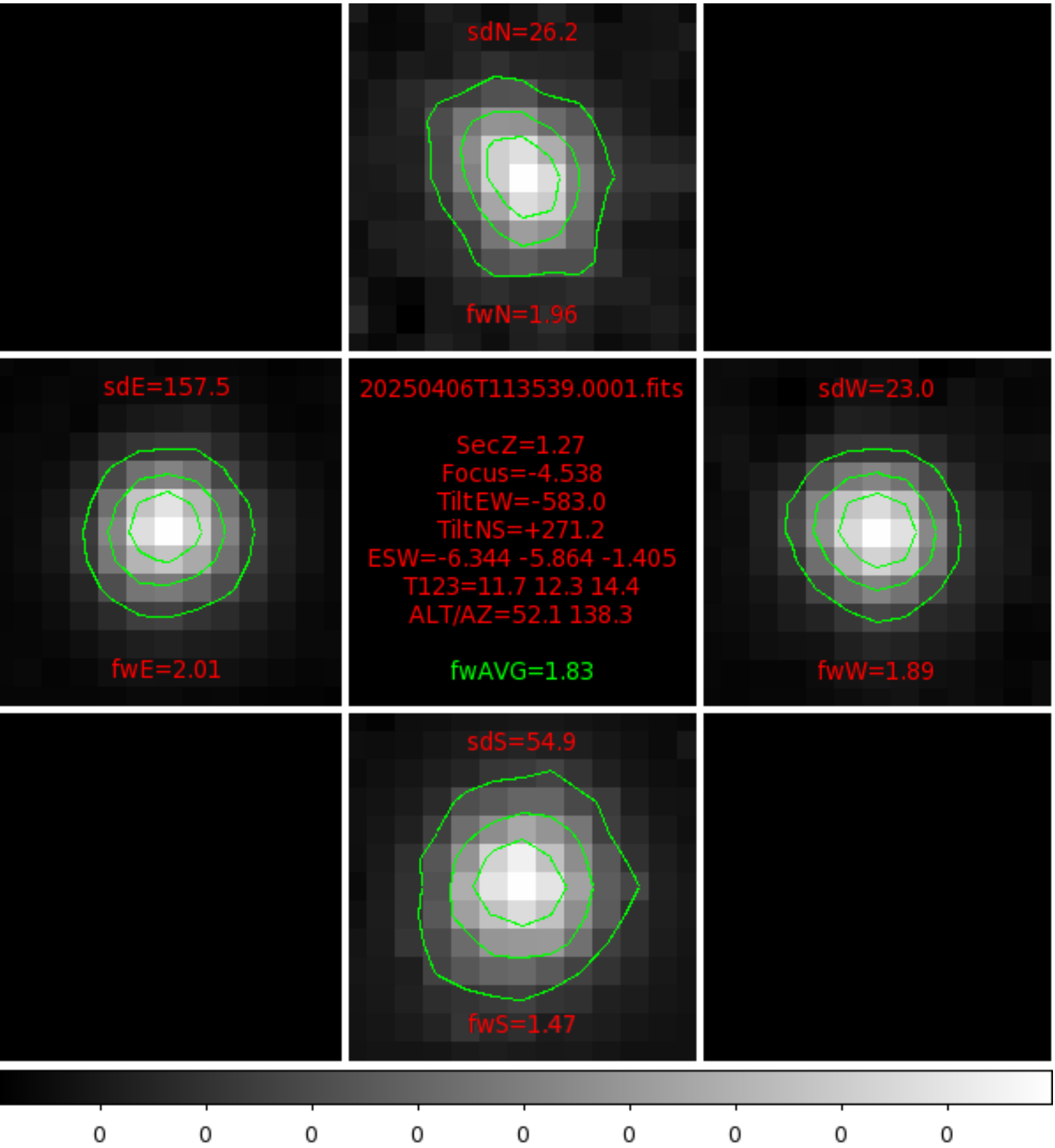
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sdE=157.5
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SecZ=1.27
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.7 12.3 14.4
ALT/AZ=52.1 138.3
fwAVG=1.83
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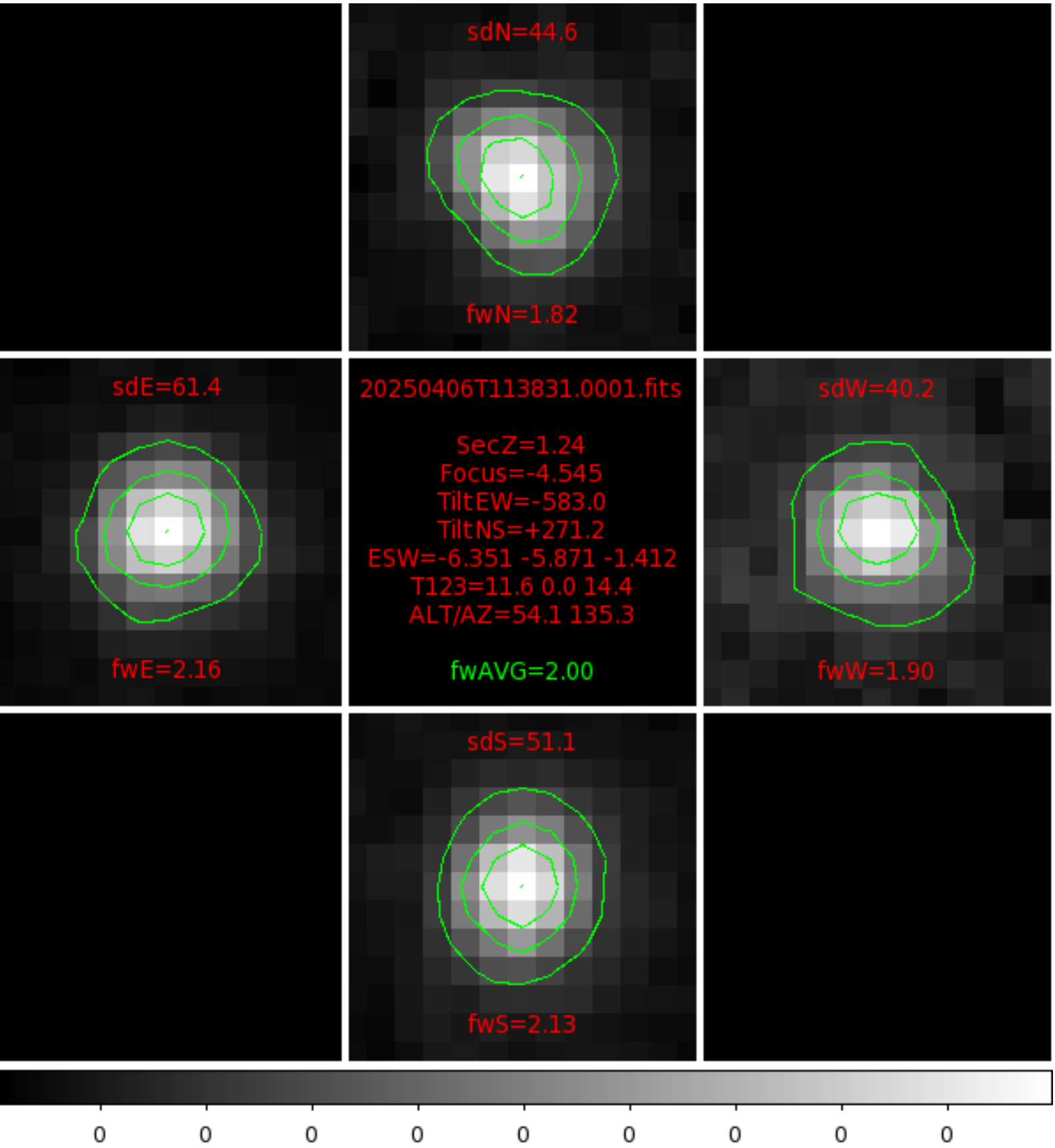
sdN=44.6
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fwE=2.16
20250406T113831.0001.fits
SecZ=1.24
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 0.0 14.4
ALT/AZ=54.1 135.3
fwAVG=2.00
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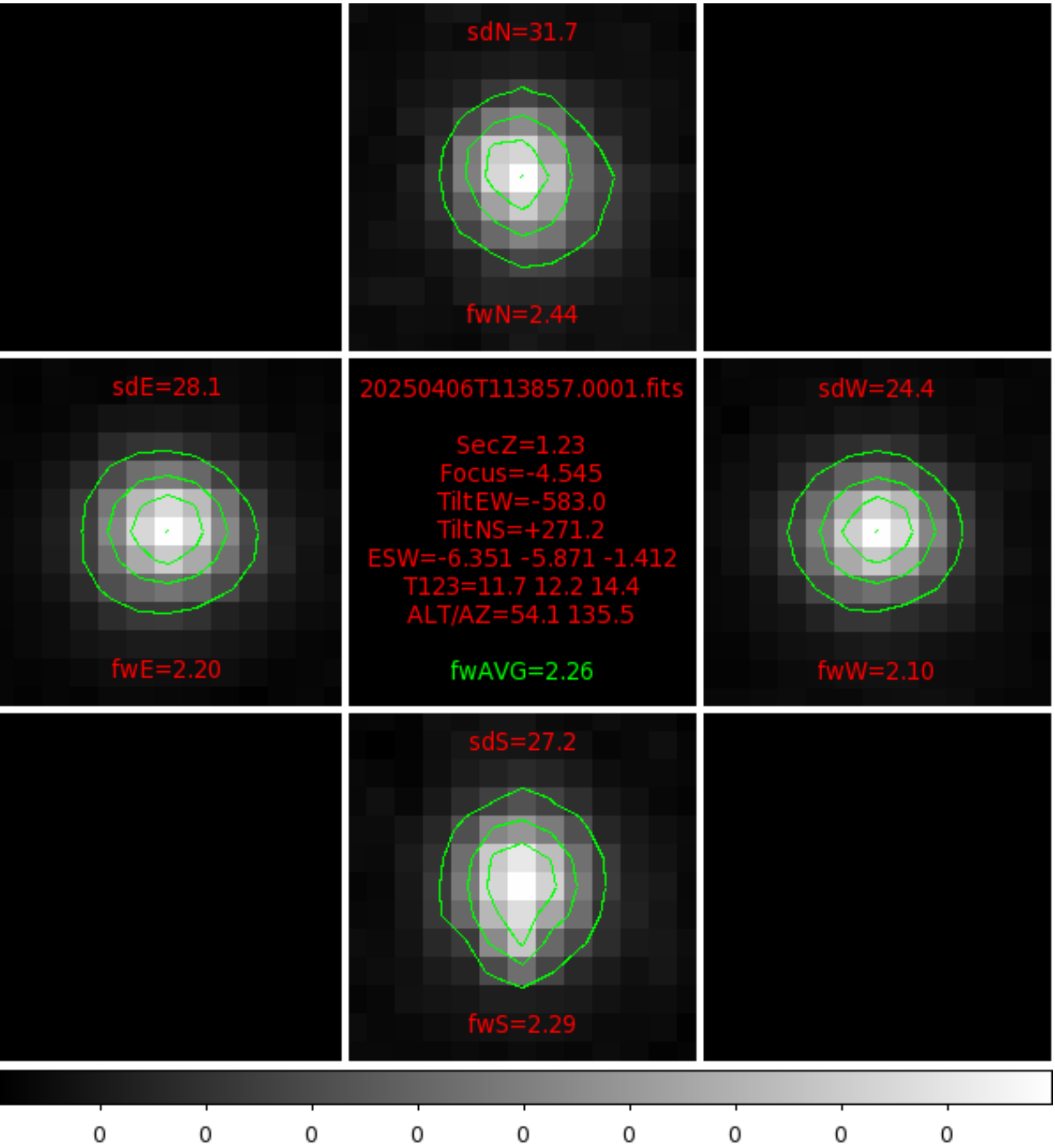
sdN=31.7
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SecZ=1.23
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.2 14.4
ALT/AZ=54.1 135.5
fwAVG=2.26
sdW=24.4
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sdS=27.2
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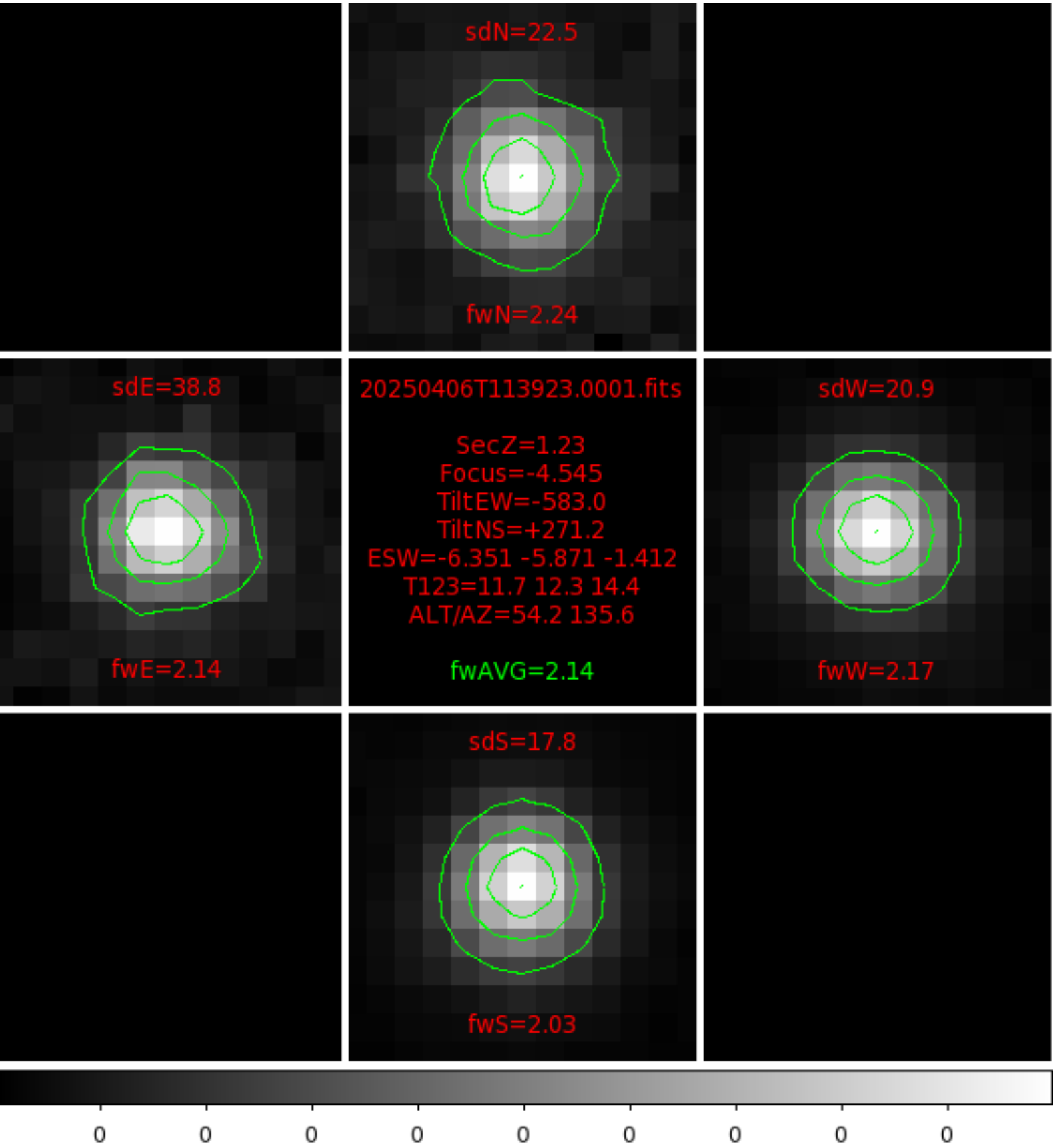
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SecZ=1.23
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.3 14.4
ALT/AZ=54.2 135.6
fwAVG=2.14
sdW=20.9
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sdS=17.8
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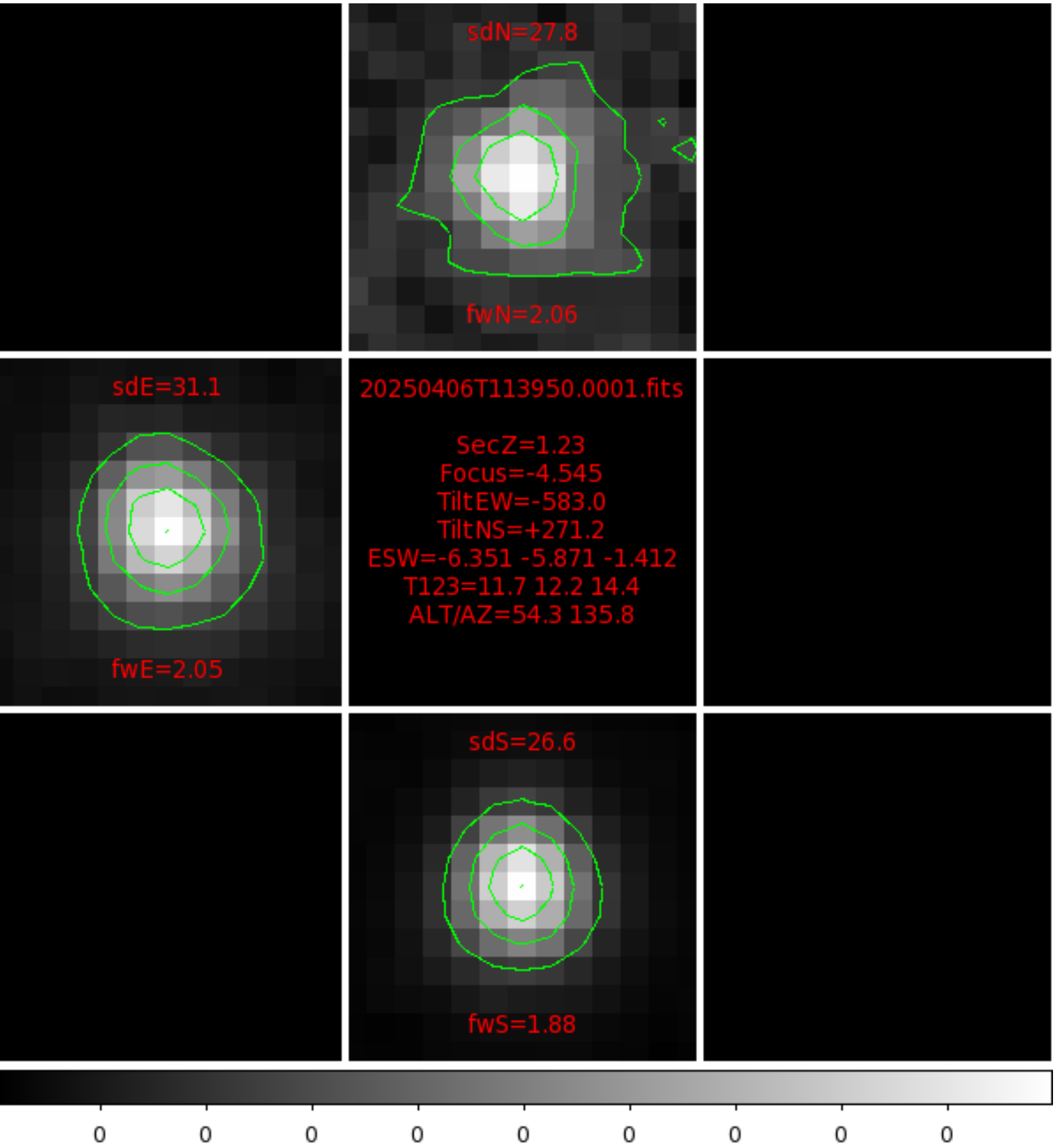
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sdE=31.1
fwE=2.05
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SecZ=1.23
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.2 14.4
ALT/AZ=54.3 135.8
sdS=26.6
fwS=1.88
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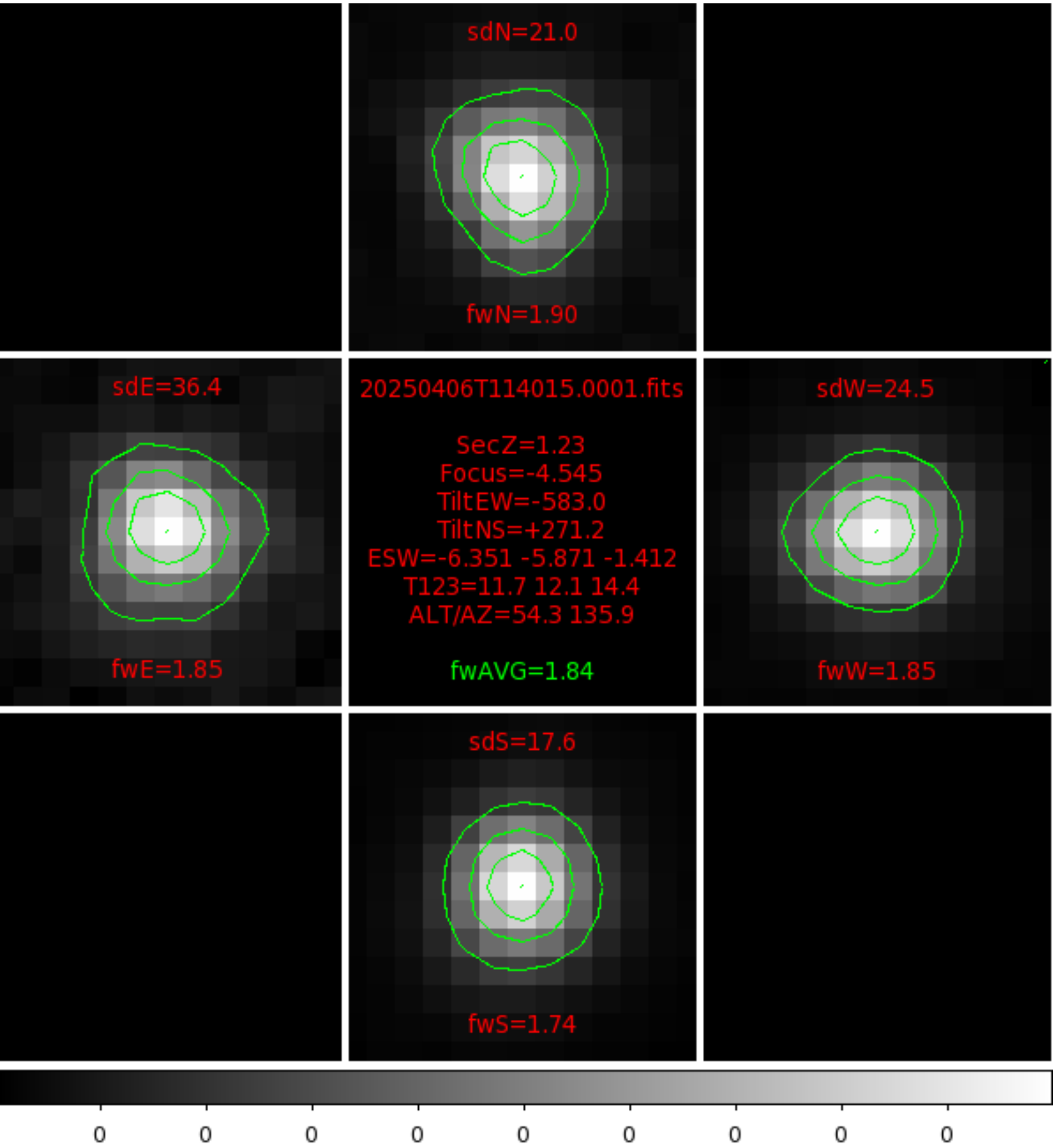
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sdE=36.4
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SecZ=1.23
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.1 14.4
ALT/AZ=54.3 135.9
fwAVG=1.84
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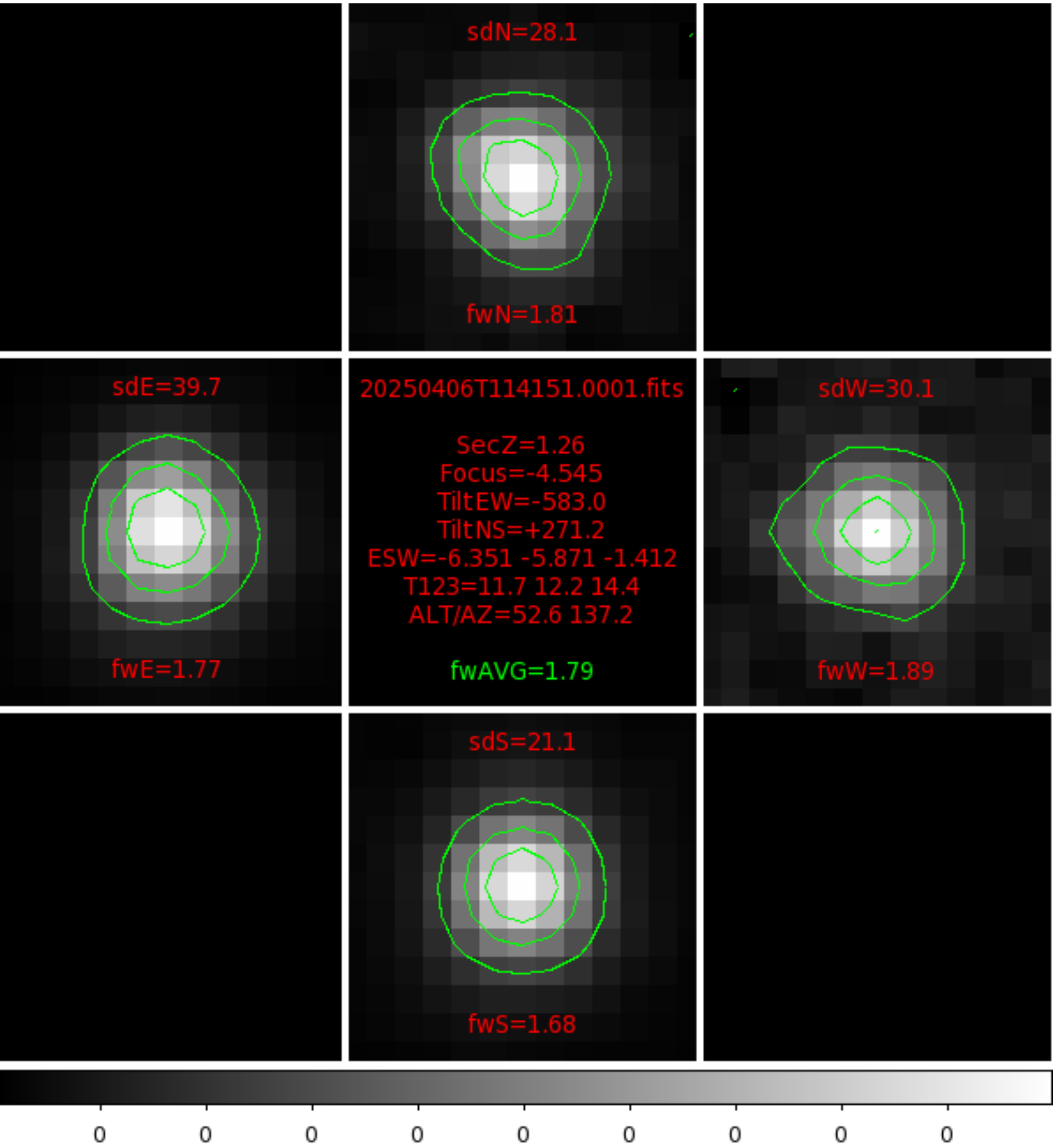
sdN=28.1
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sdE=39.7
fwE=1.77
20250406T114151.0001.fits
SecZ=1.26
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.2 14.4
ALT/AZ=52.6 137.2
fwAVG=1.79
sdW=30.1
fwW=1.89
sdS=21.1
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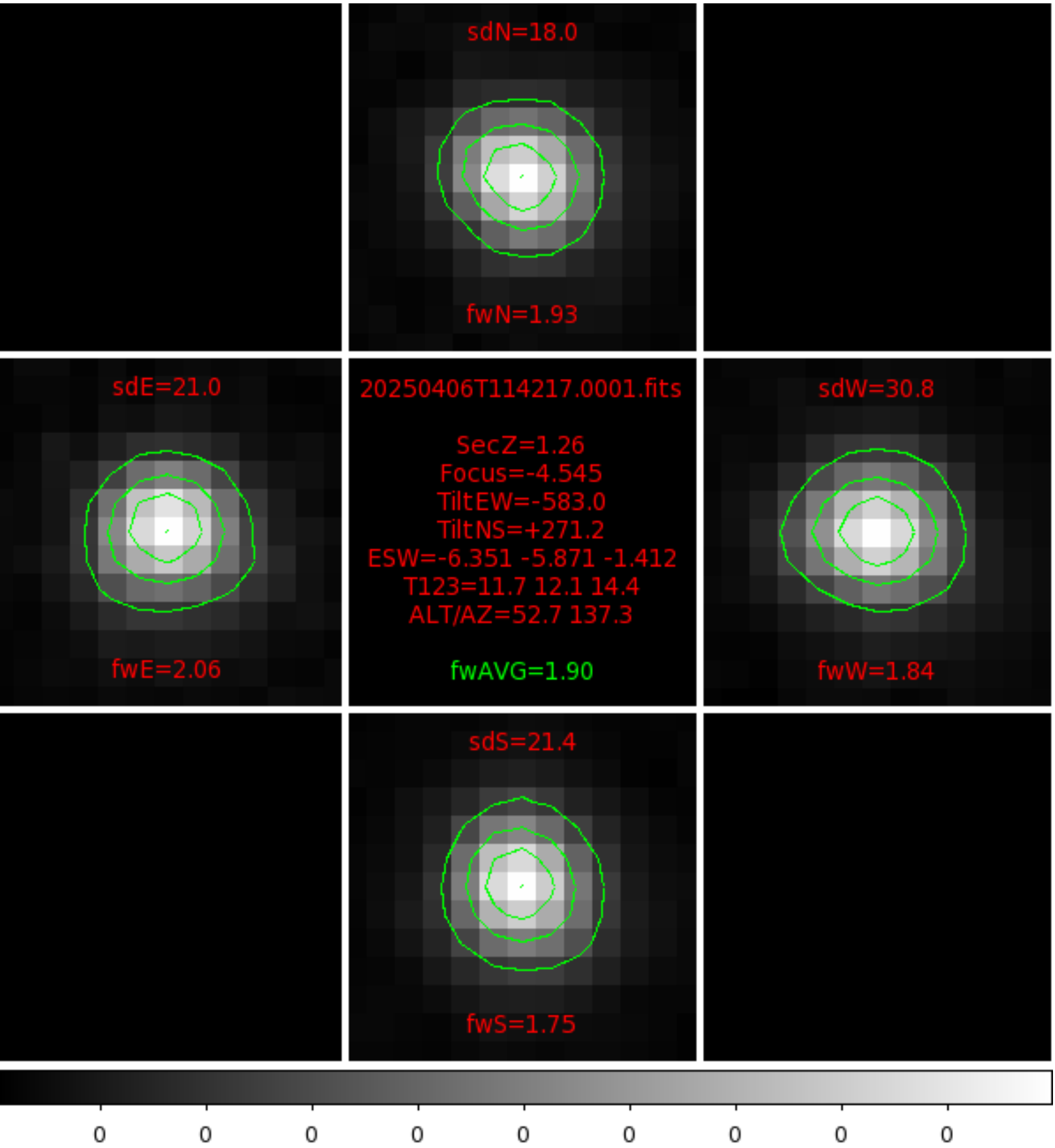
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sdE=21.0
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SecZ=1.26
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.1 14.4
ALT/AZ=52.7 137.3
fwAVG=1.90
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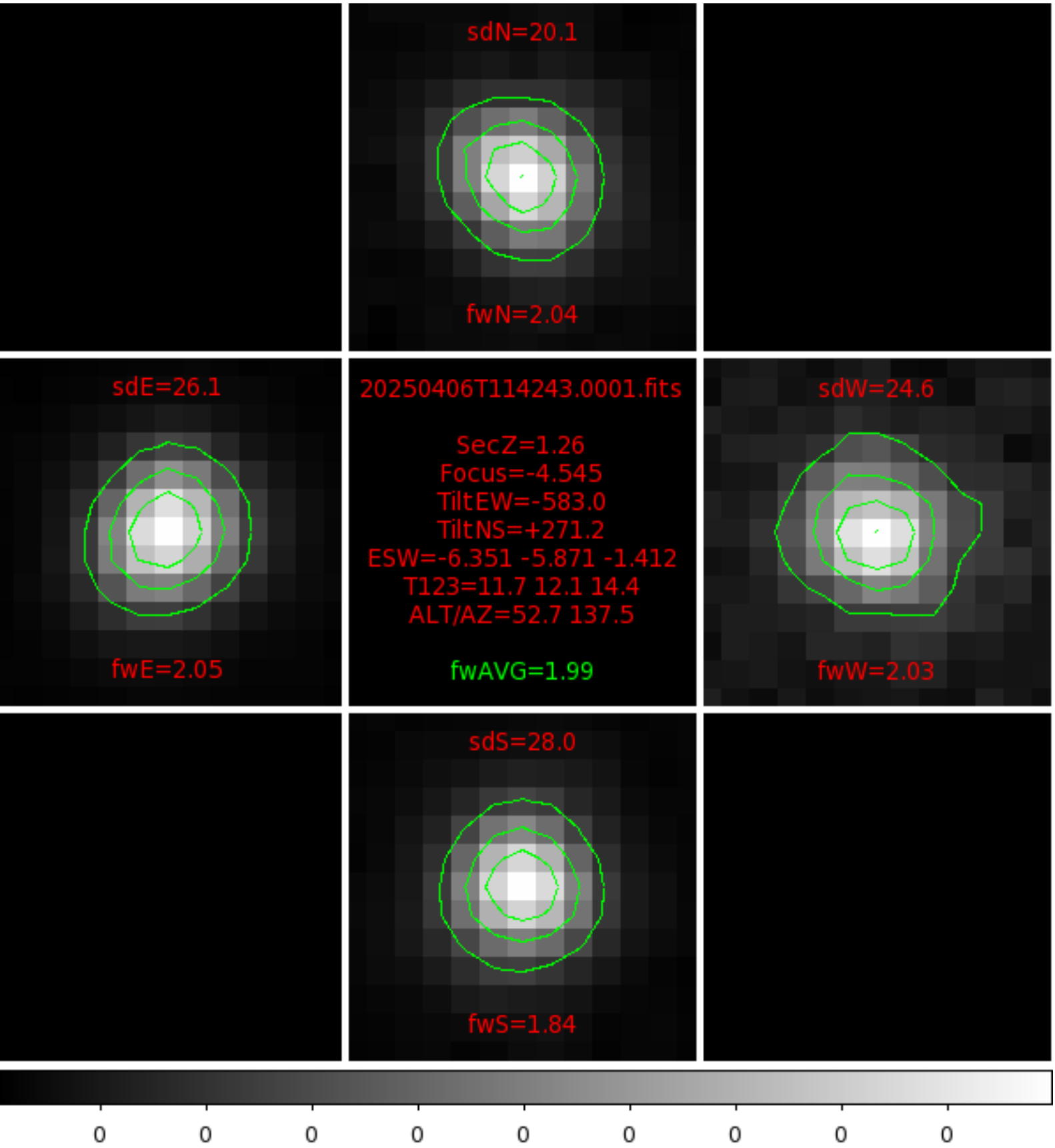
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20250406T114243.0001.fits
SecZ=1.26
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.1 14.4
ALT/AZ=52.7 137.5
fwAVG=1.99
sdW=24.6
fwW=2.03
sdS=28.0
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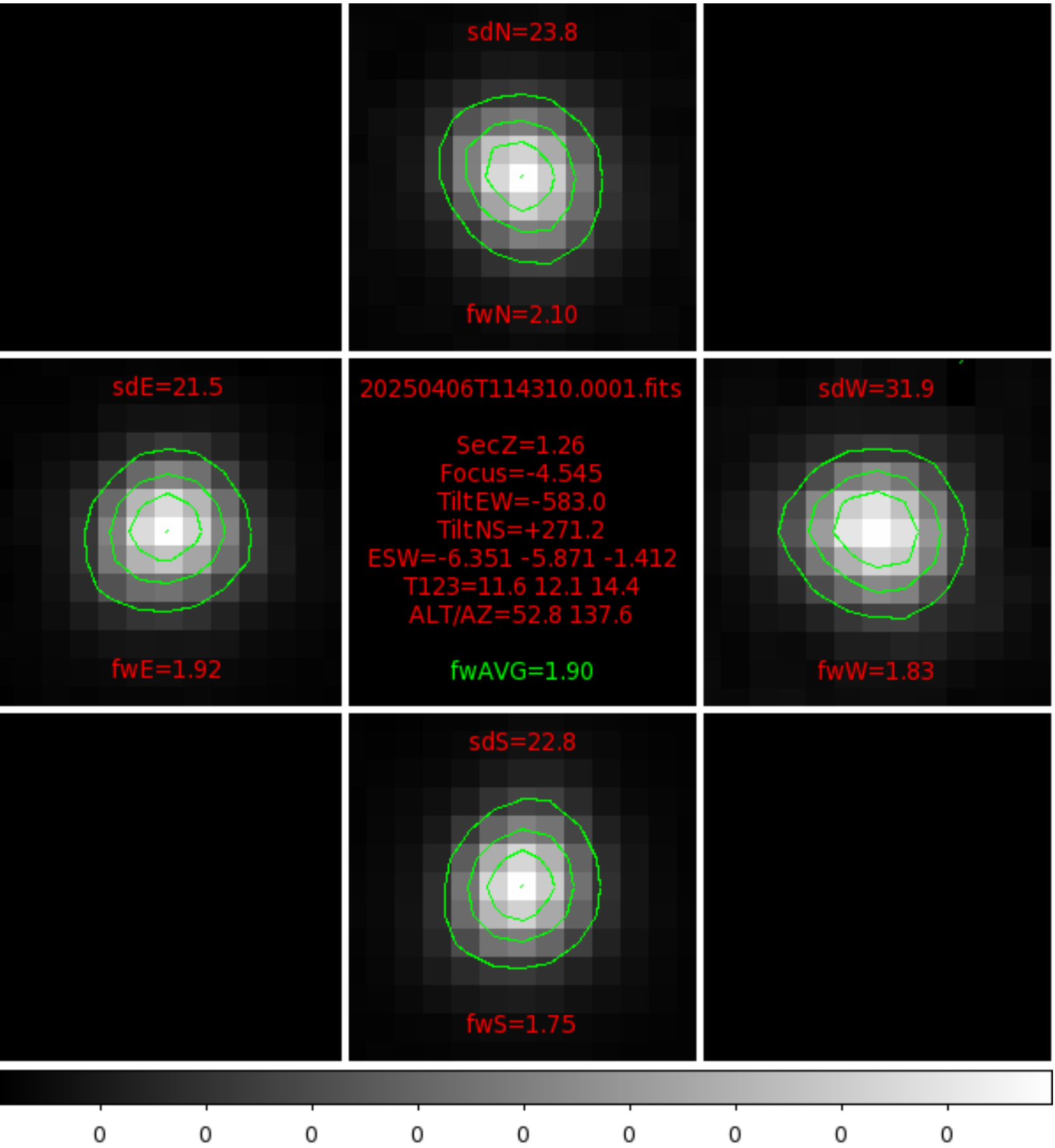
sdN=23.8
fwN=2.10
sdE=21.5
fwE=1.92
20250406T114310.0001.fits
SecZ=1.26
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.1 14.4
ALT/AZ=52.8 137.6
fwAVG=1.90
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sdS=22.8
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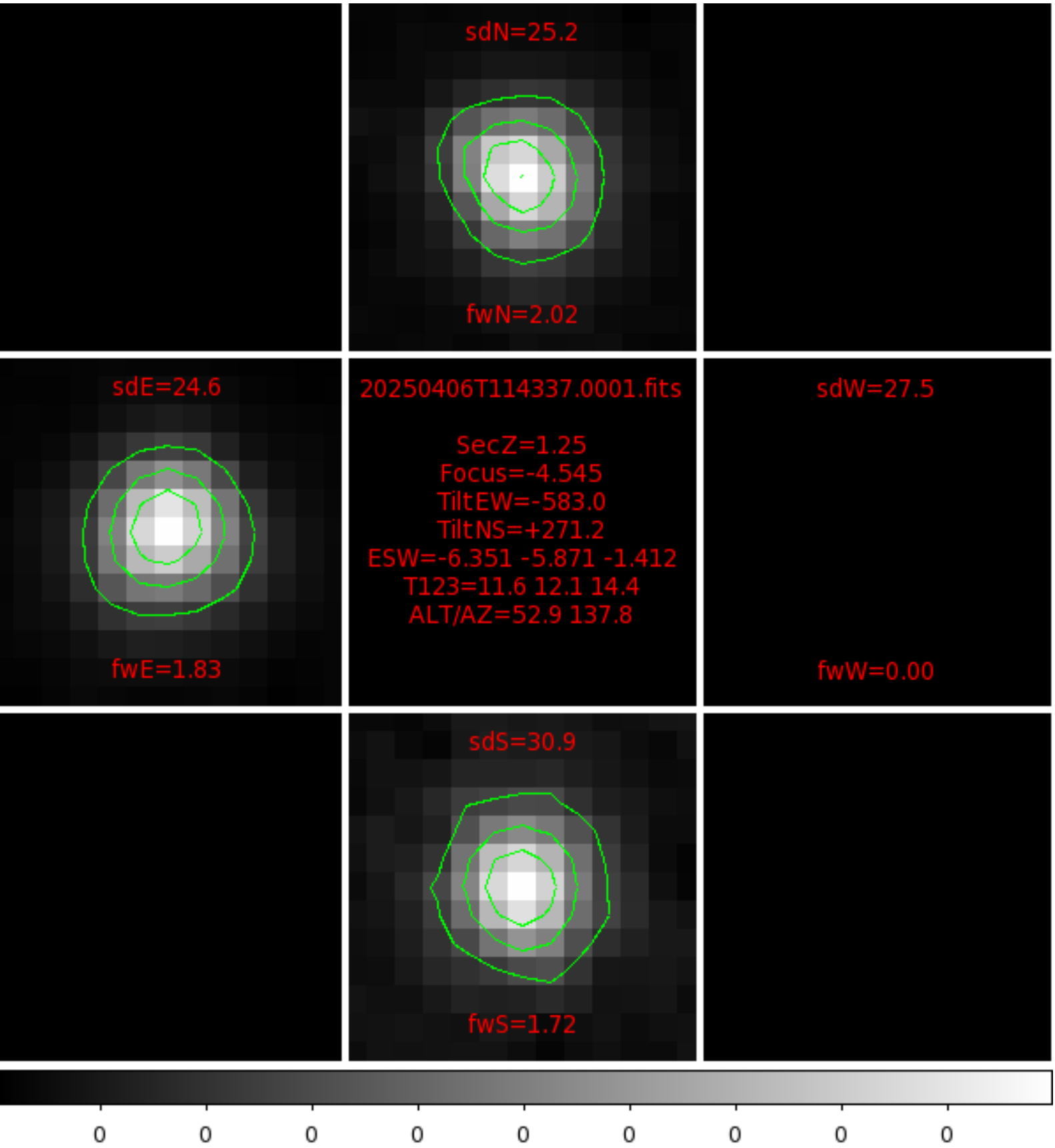
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fwN=2.02
sdE=24.6
fwE=1.83
20250406T114337.0001.fits
SecZ=1.25
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.1 14.4
ALT/AZ=52.9 137.8
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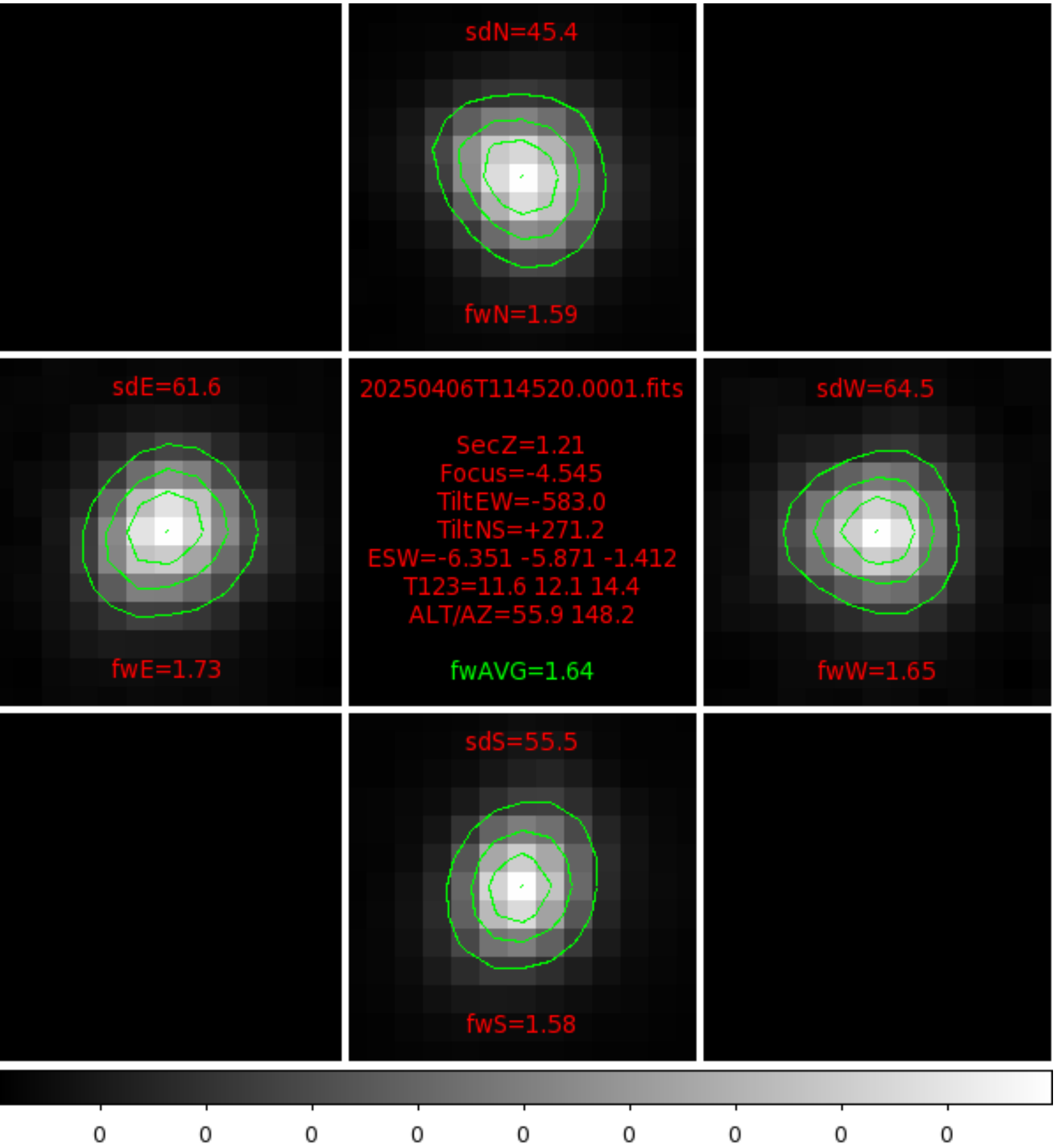
sdN=45.4
fwN=1.59
sdE=61.6
fwE=1.73
20250406T114520.0001.fits
SecZ=1.21
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.1 14.4
ALT/AZ=55.9 148.2
fwAVG=1.64
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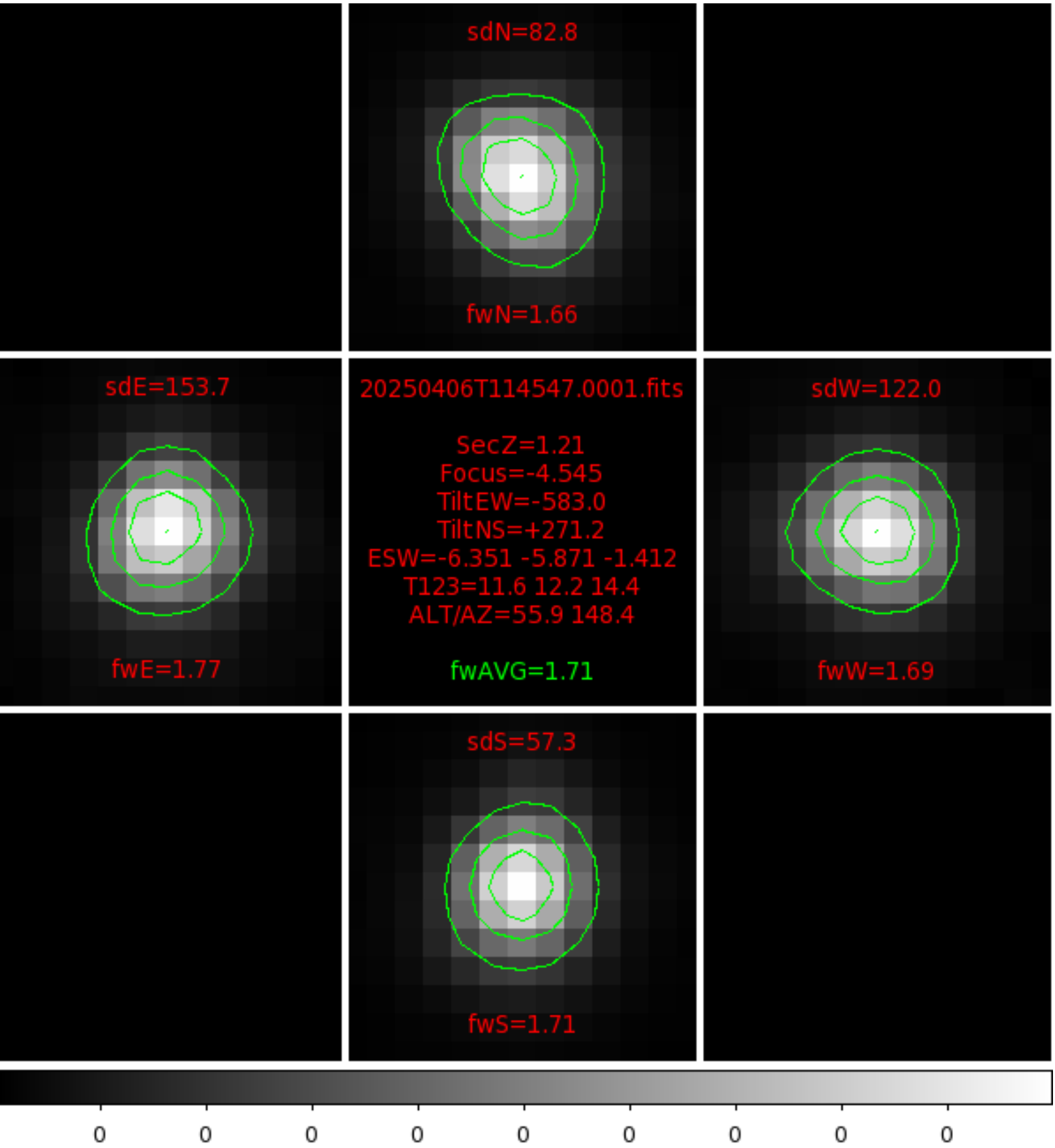
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SecZ=1.21
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.2 14.4
ALT/AZ=55.9 148.4
fwAVG=1.71
sdW=122.0
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sdS=57.3
fwS=1.71
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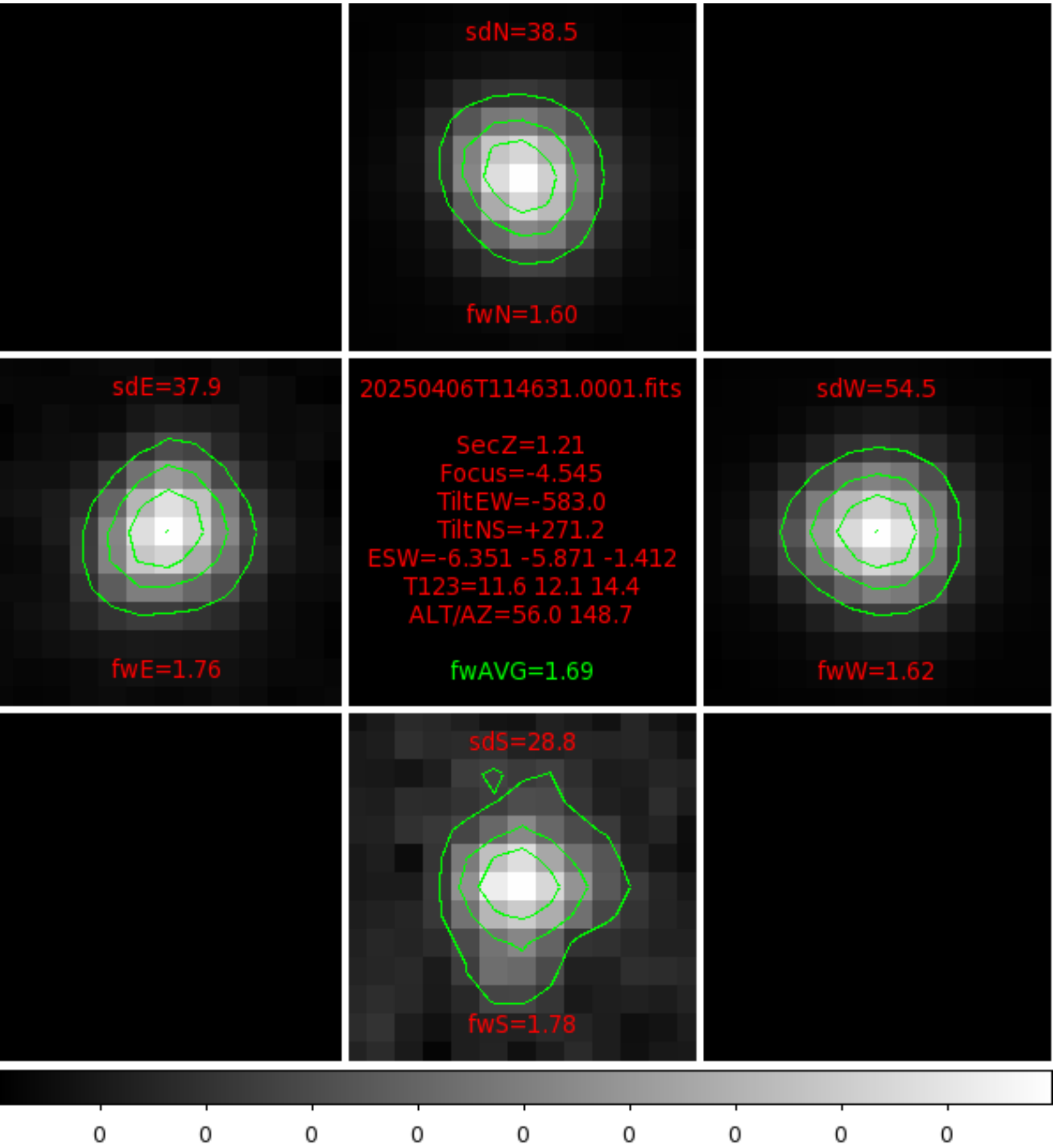
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ESW=-6.351 -5.871 -1.412
T123=11.6 12.1 14.4
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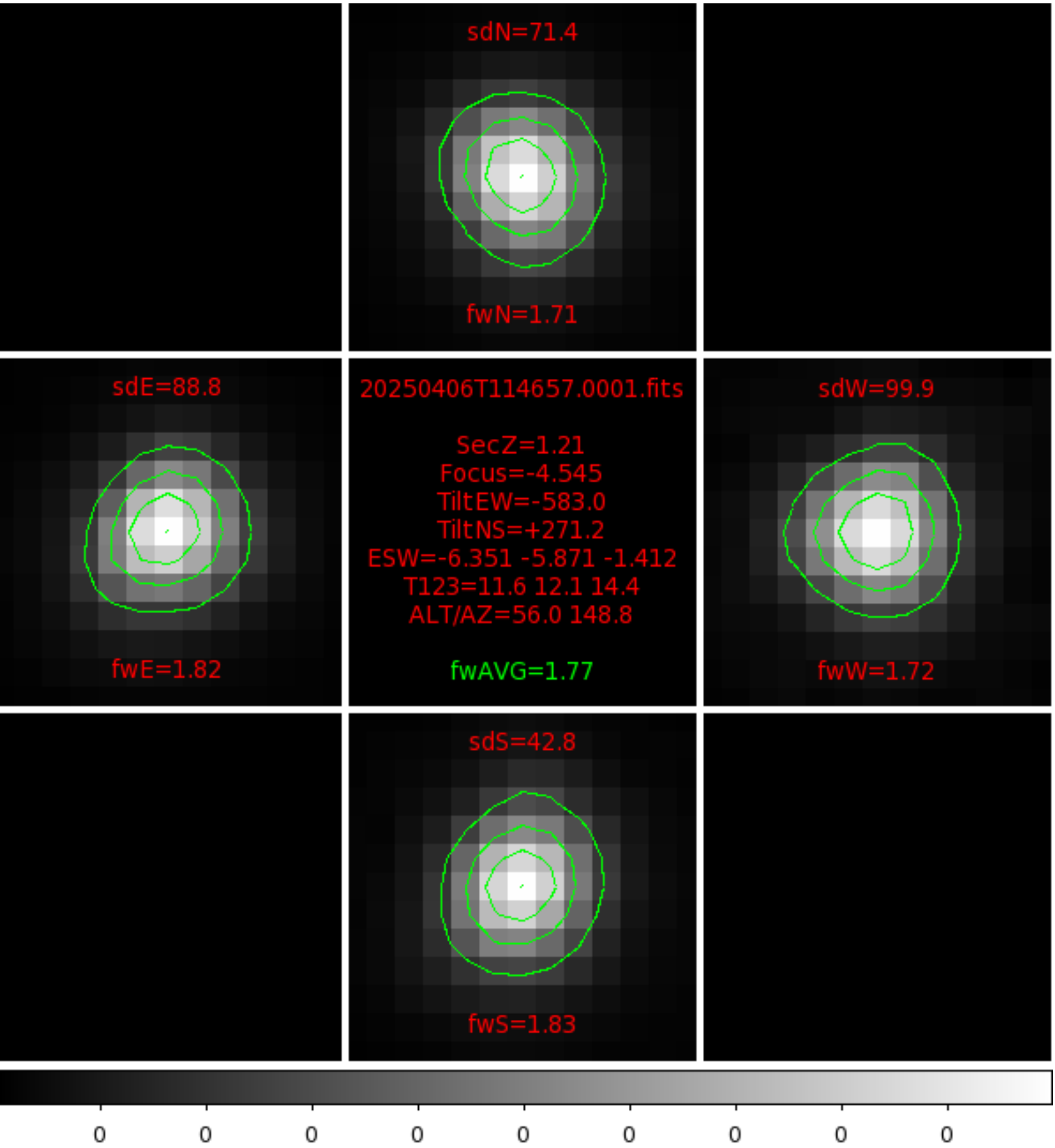
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fwAVG=1.77
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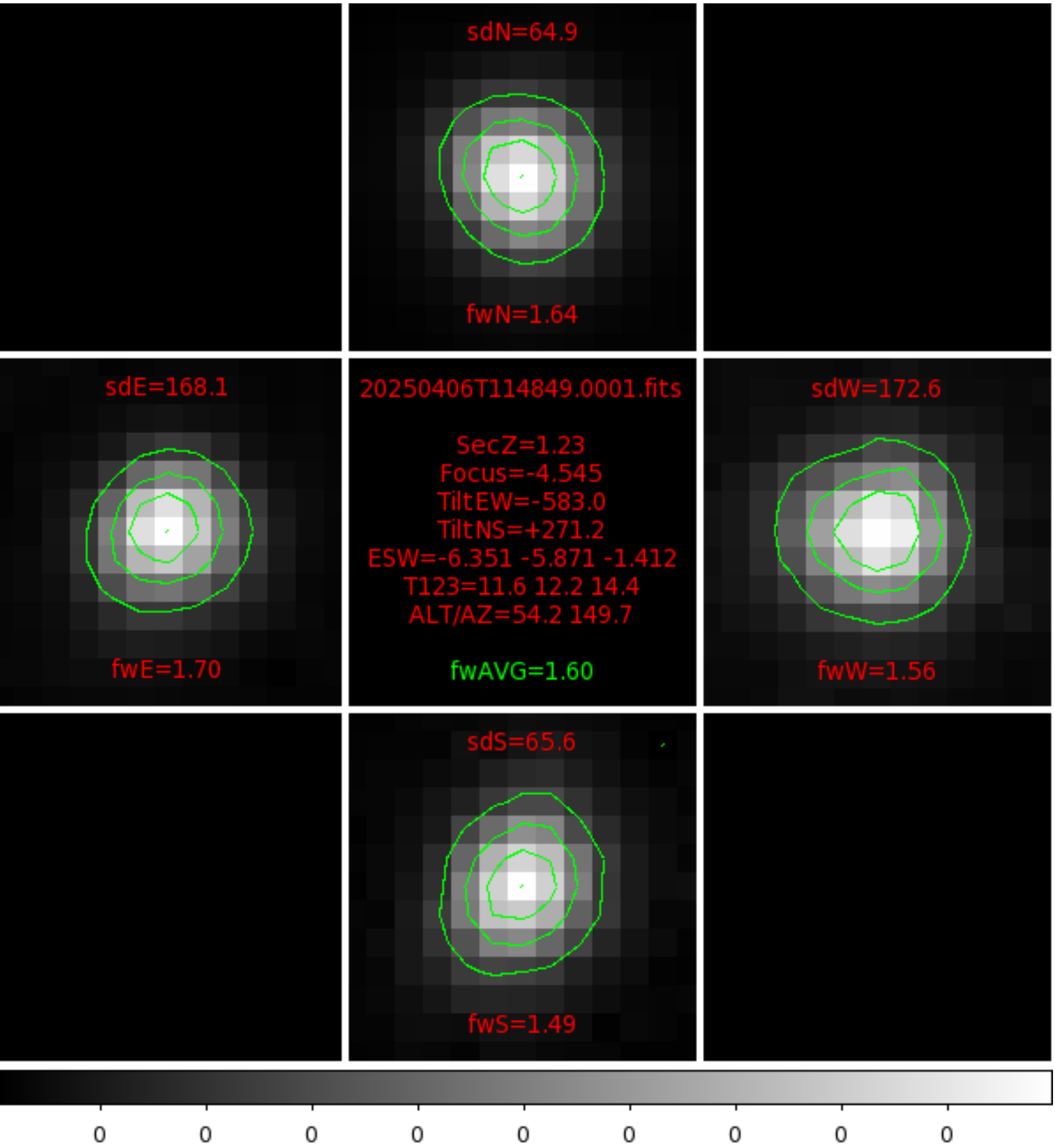
sdN=64.9
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20250406T114849.0001.fits
SecZ=1.23
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TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
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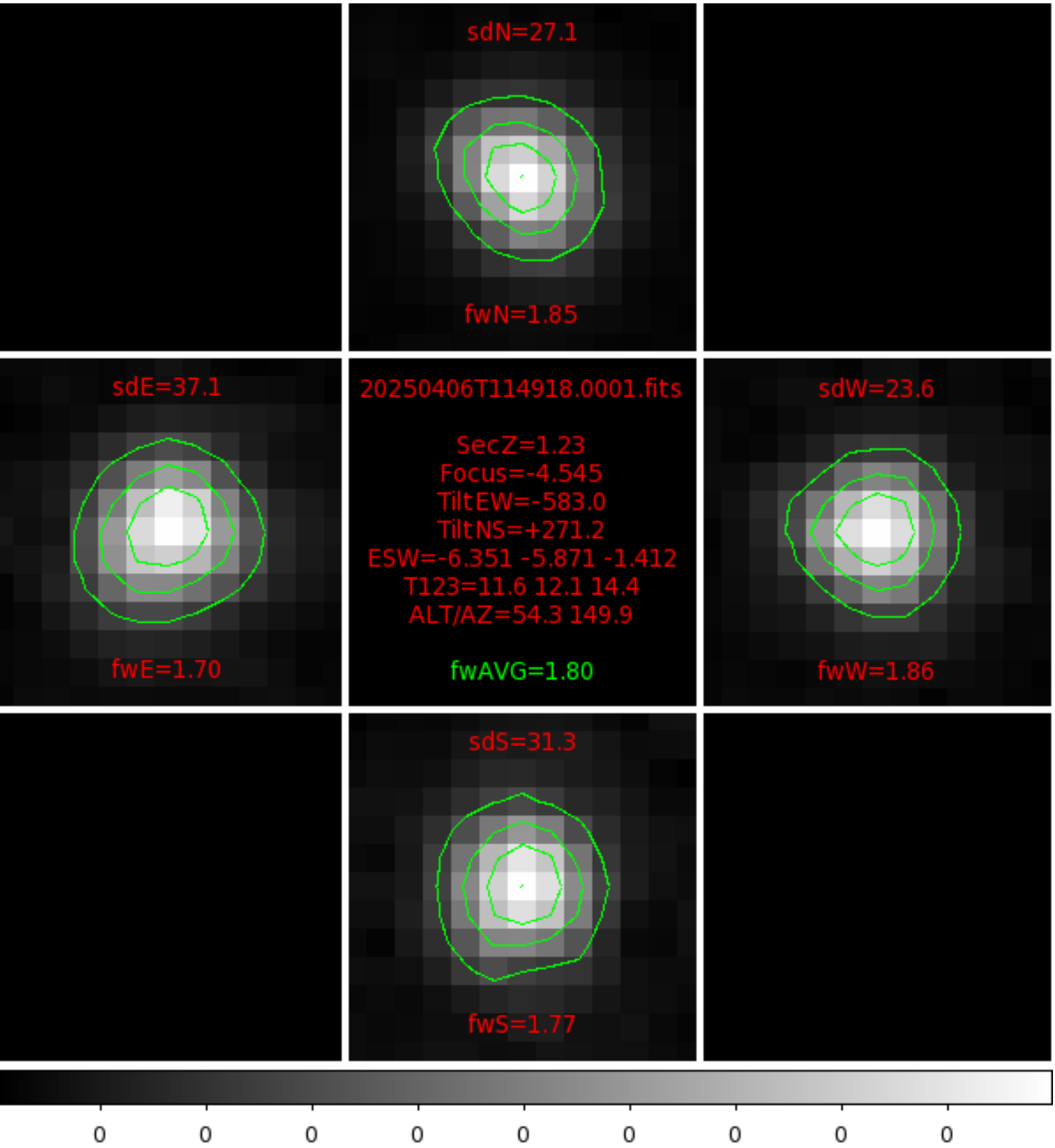
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sdE=37.1
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20250406T114918.0001.fits
SecZ=1.23
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.1 14.4
ALT/AZ=54.3 149.9
fwAVG=1.80
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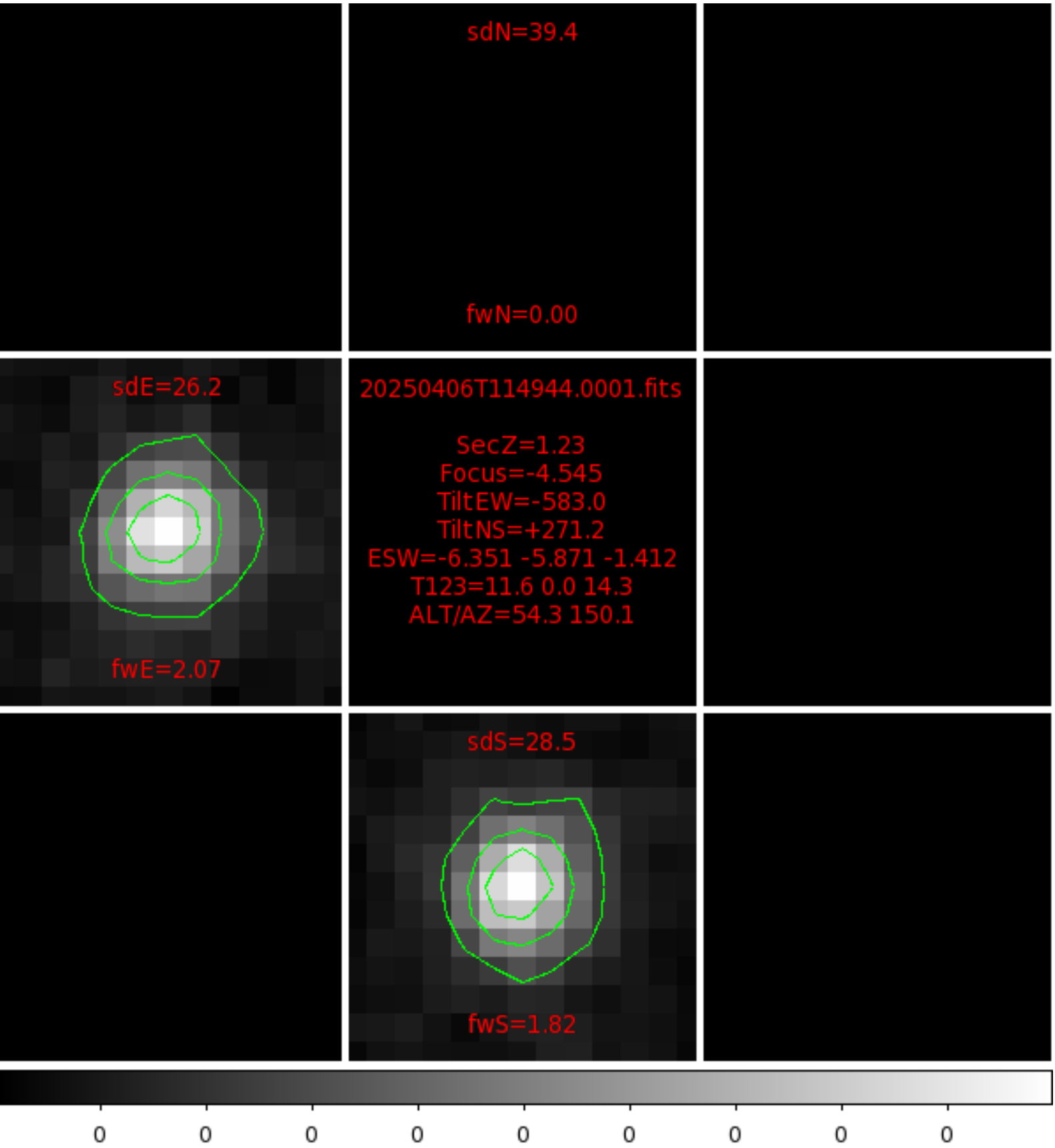
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SecZ=1.23
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 0.0 14.3
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sdS=28.5
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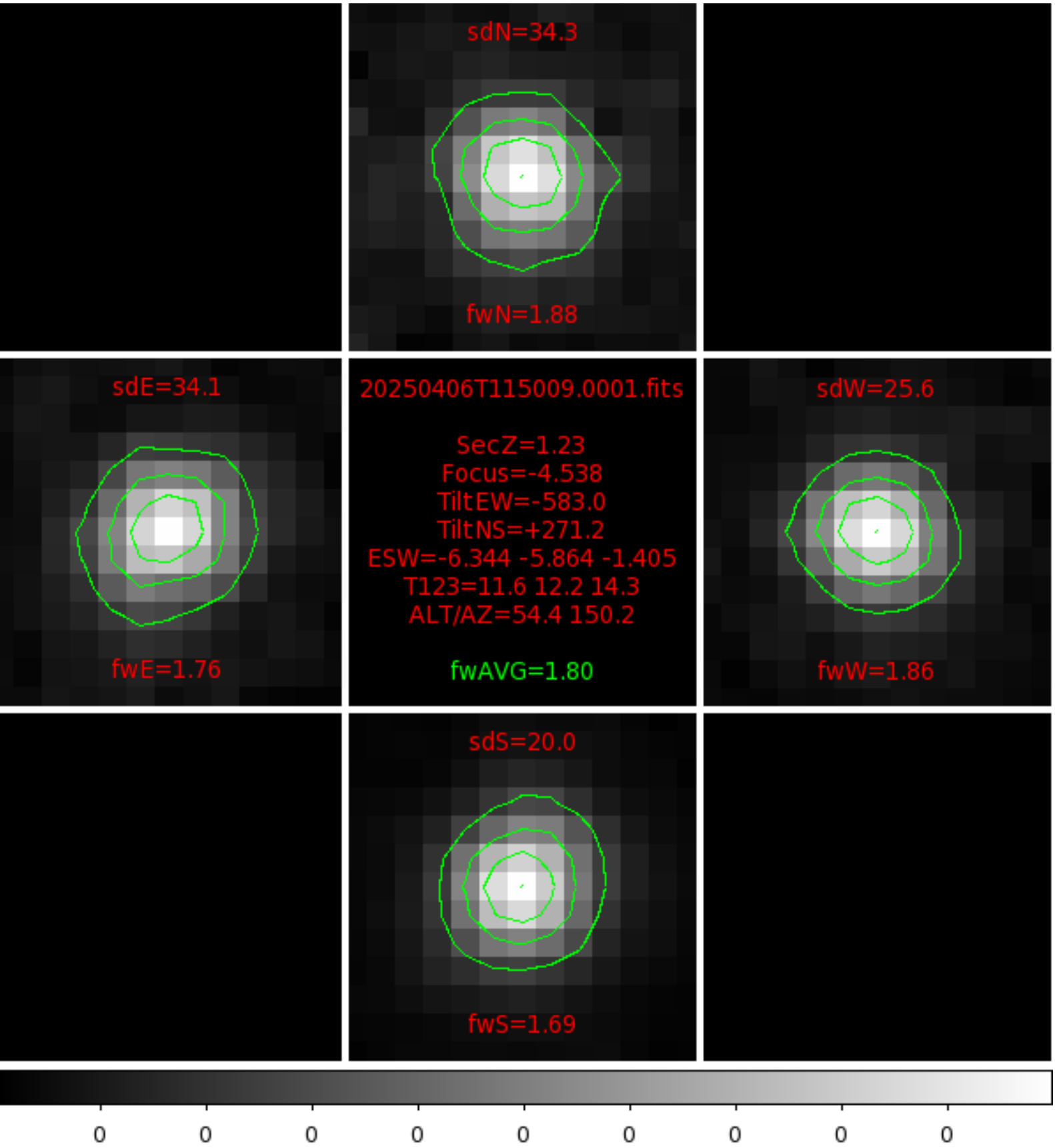
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Focus=-4.538
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TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.2 14.3
ALT/AZ=54.4 150.2
fwAVG=1.80
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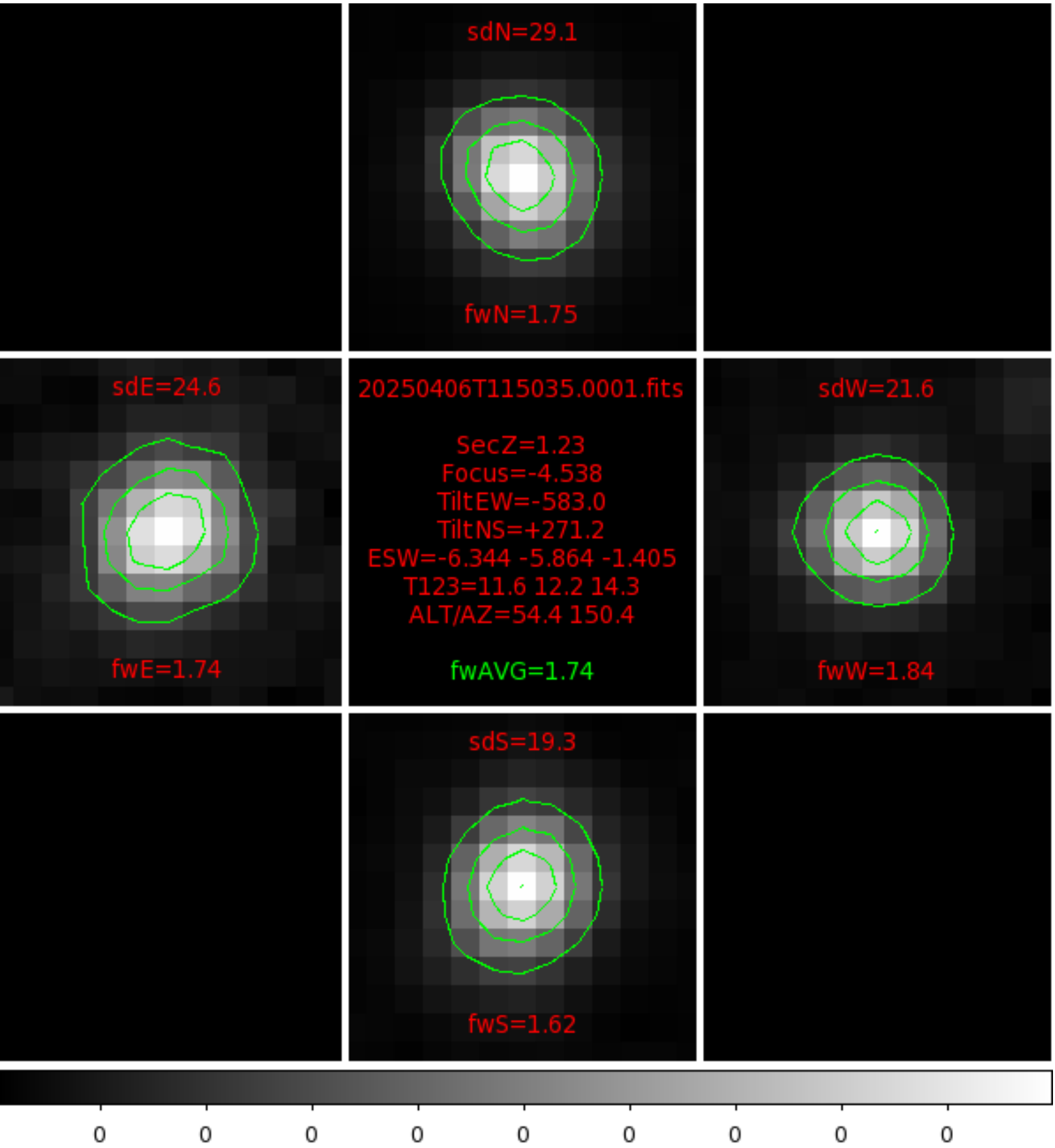
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SecZ=1.23
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.2 14.3
ALT/AZ=54.4 150.4
fwAVG=1.74
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sdS=19.3
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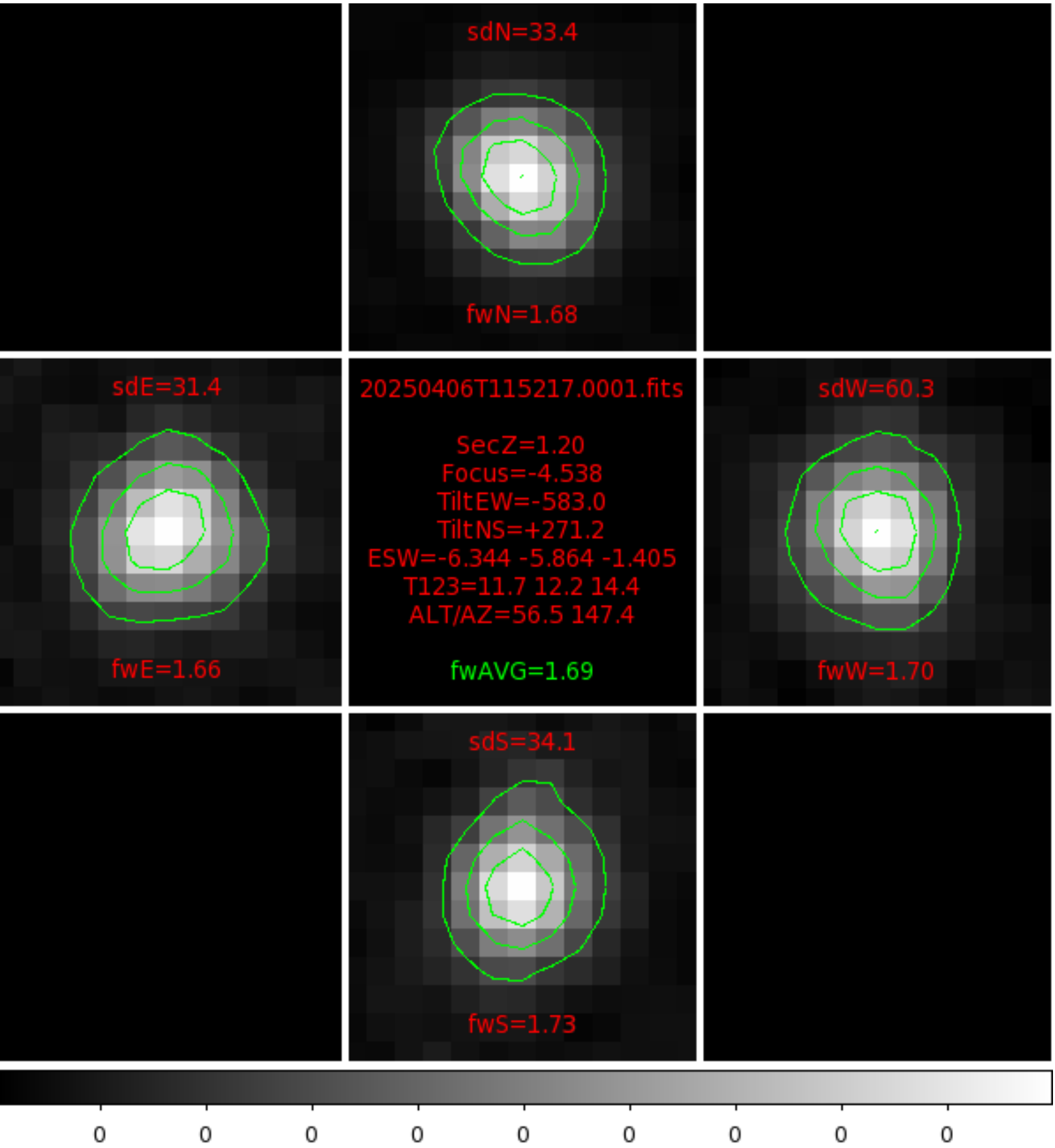
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SecZ=1.20
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.7 12.2 14.4
ALT/AZ=56.5 147.4
fwAVG=1.69
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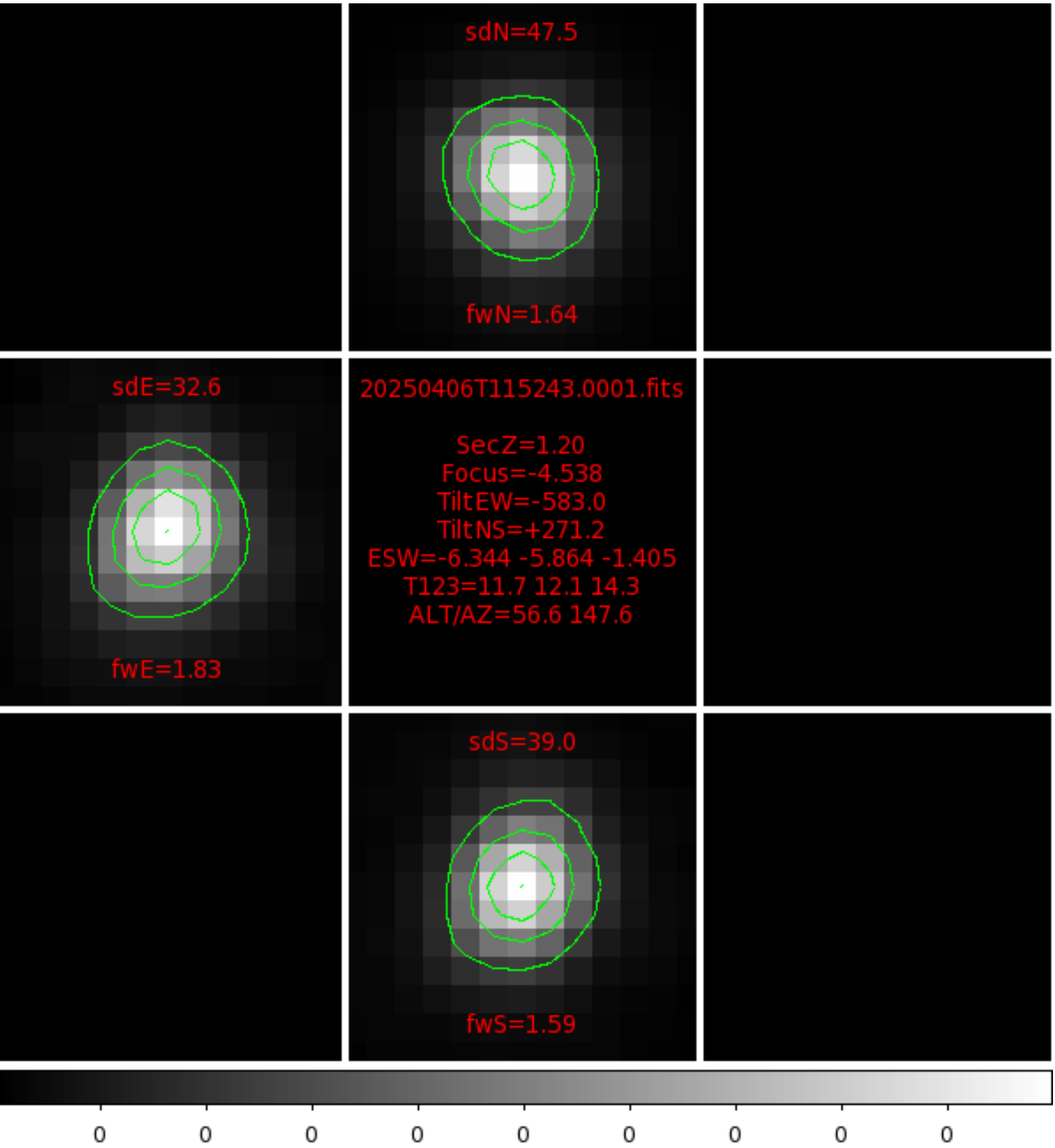
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Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.7 12.1 14.3
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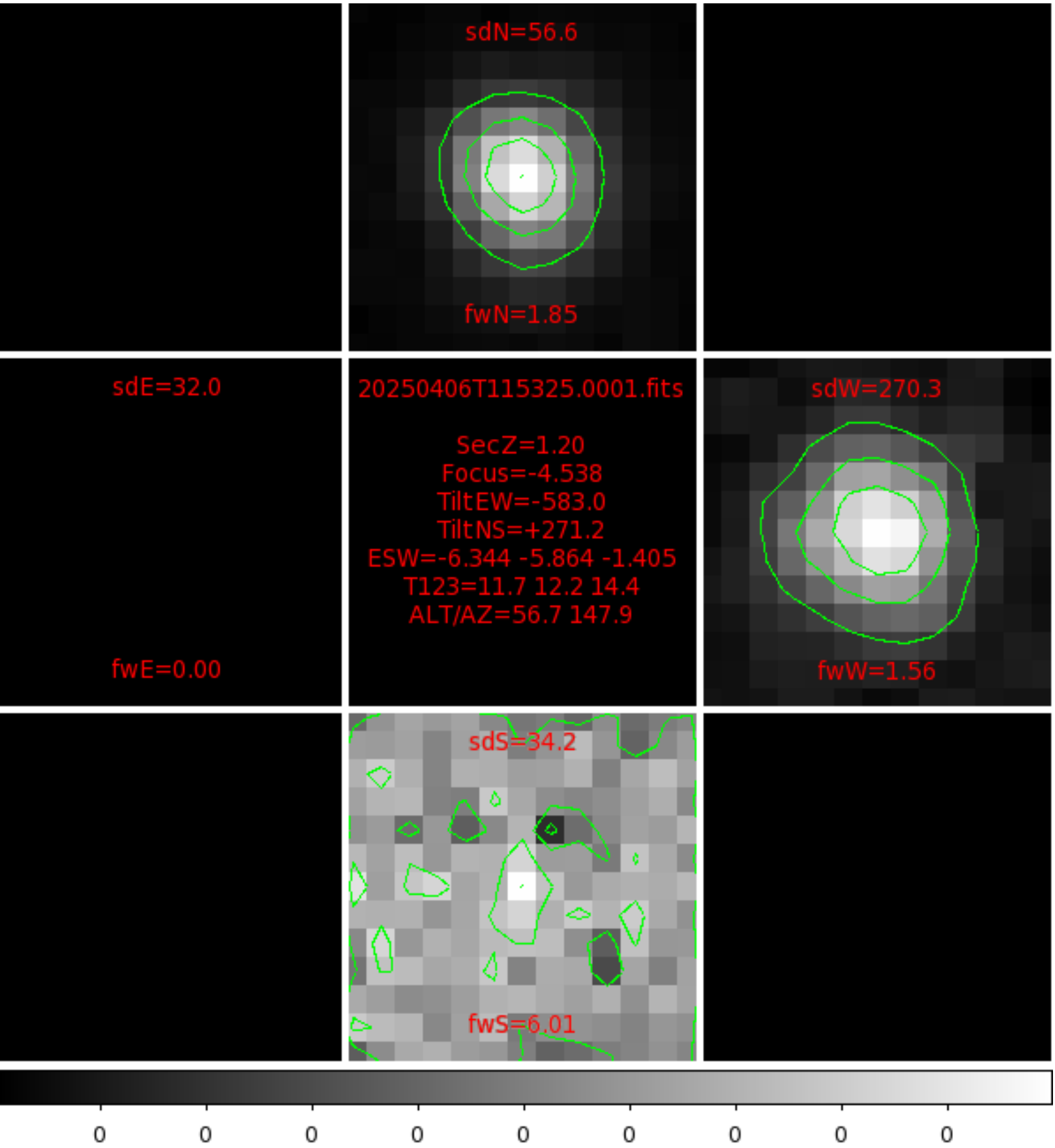
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SecZ=1.20
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.7 12.2 14.4
ALT/AZ=56.7 147.9
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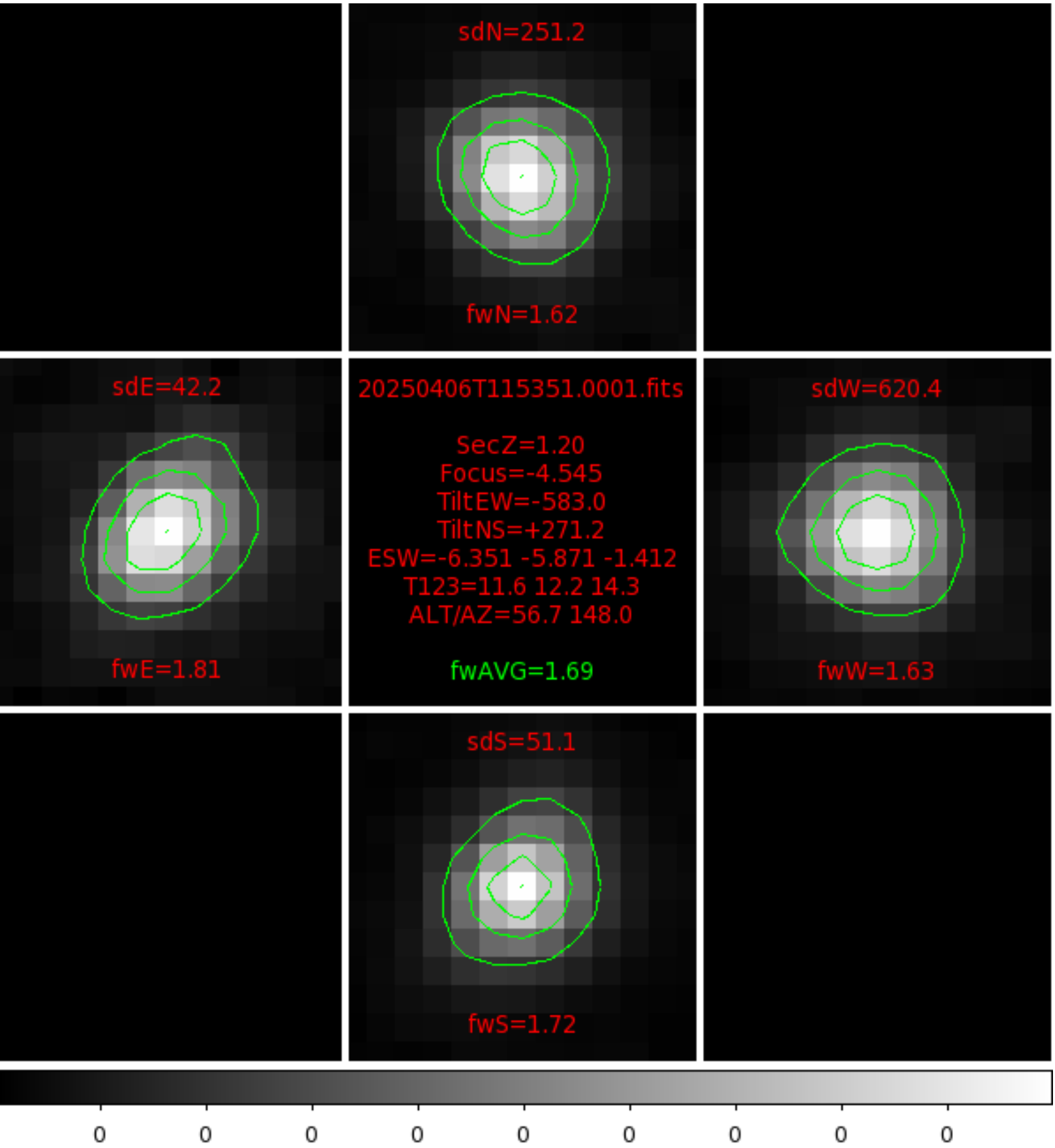
sdN=251.2
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SecZ=1.20
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.2 14.3
ALT/AZ=56.7 148.0
fwAVG=1.69
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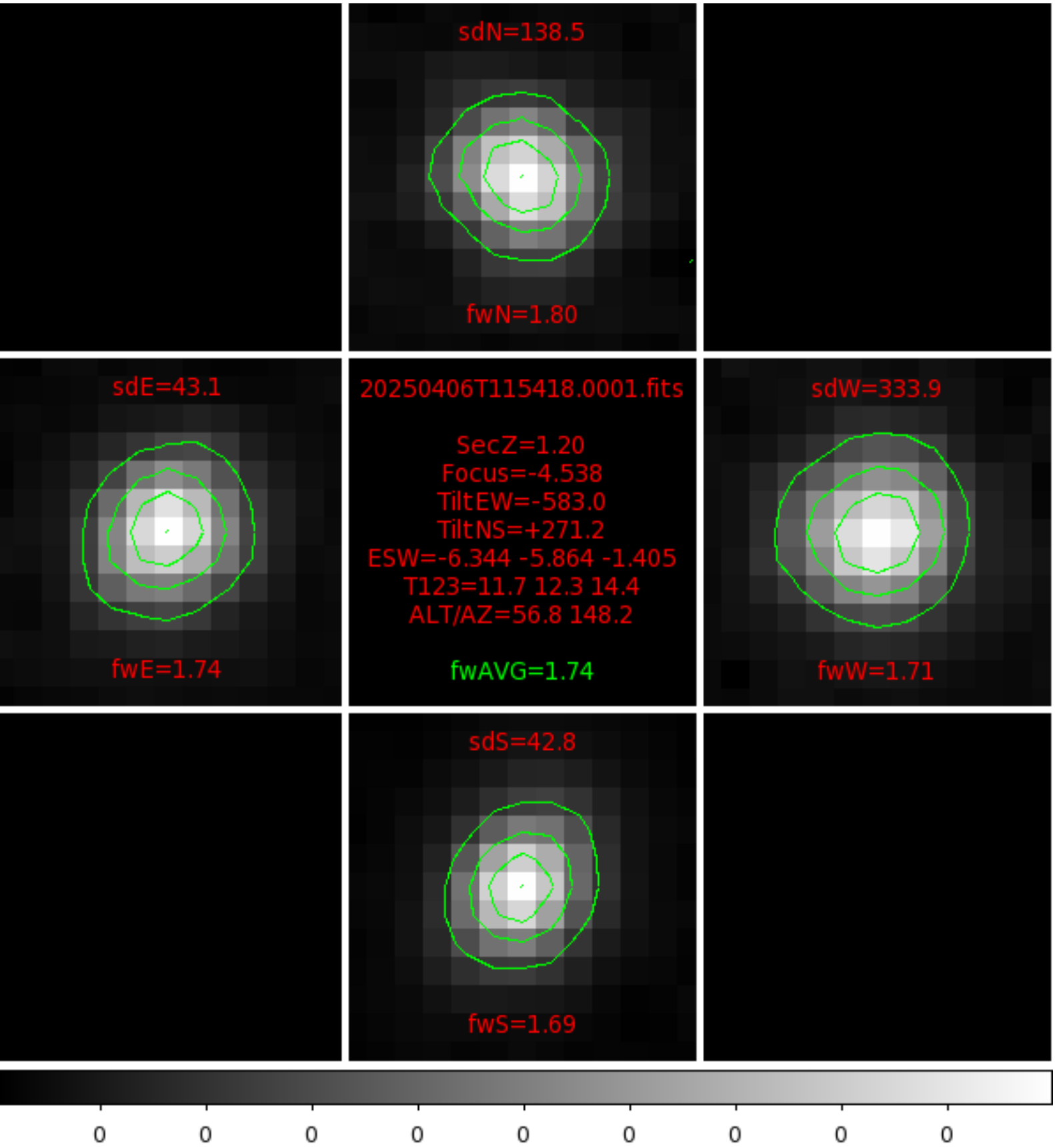
sdN=138.5
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Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.7 12.3 14.4
ALT/AZ=56.8 148.2
fwAVG=1.74
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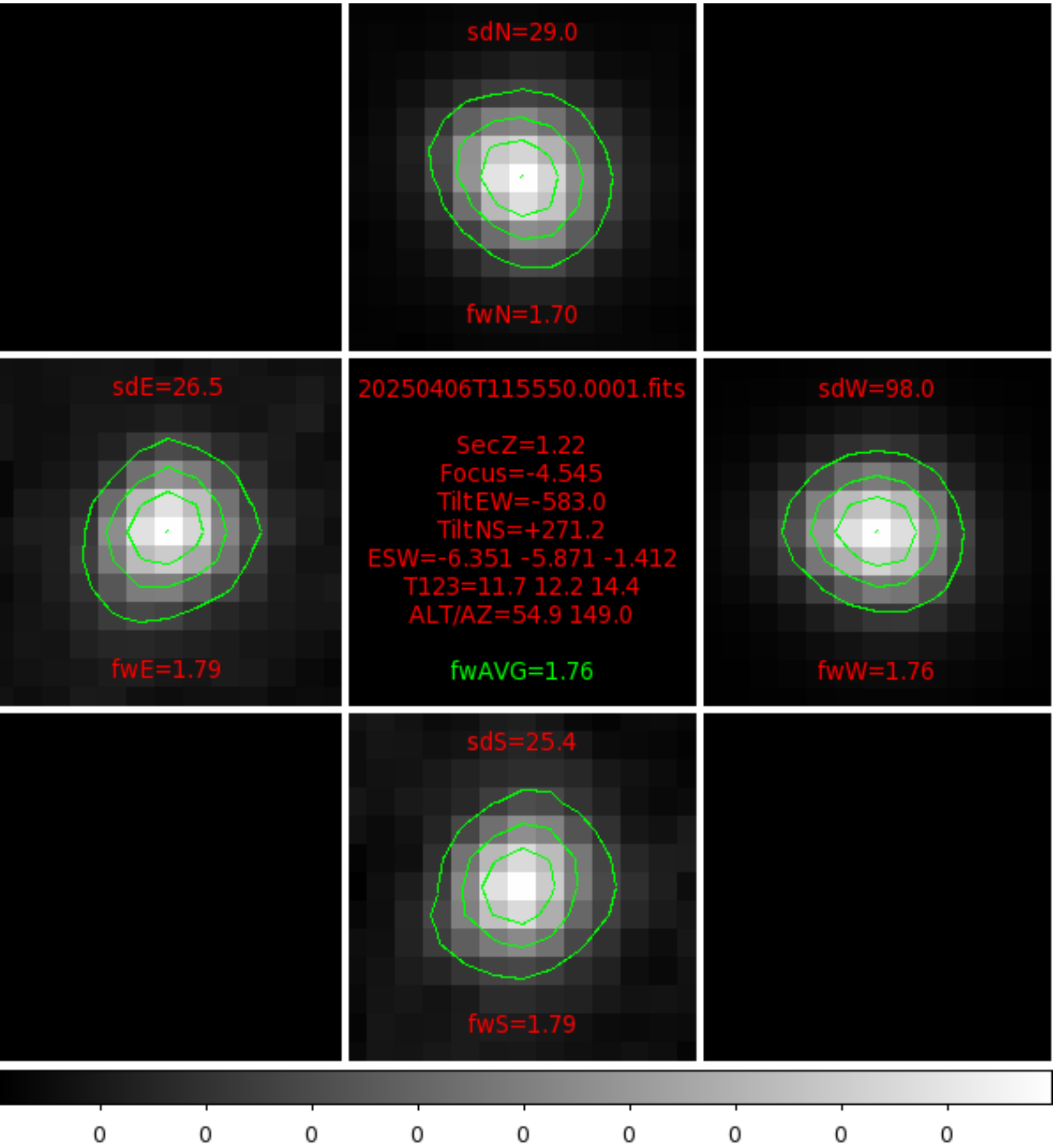
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SecZ=1.22
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.7 12.2 14.4
ALT/AZ=54.9 149.0
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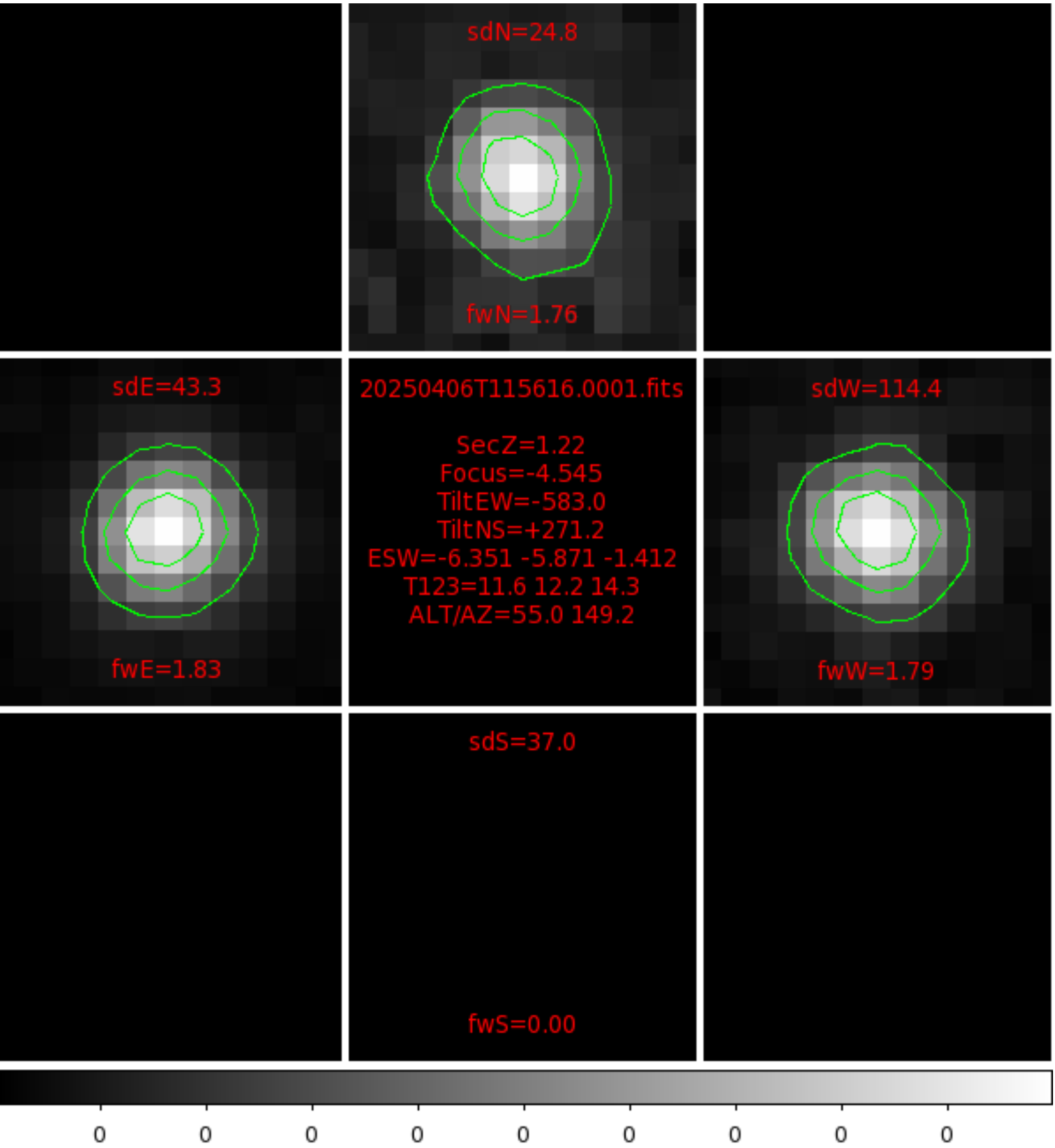
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SecZ=1.22
Focus=-4.545
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.351 -5.871 -1.412
T123=11.6 12.2 14.3
ALT/AZ=55.0 149.2
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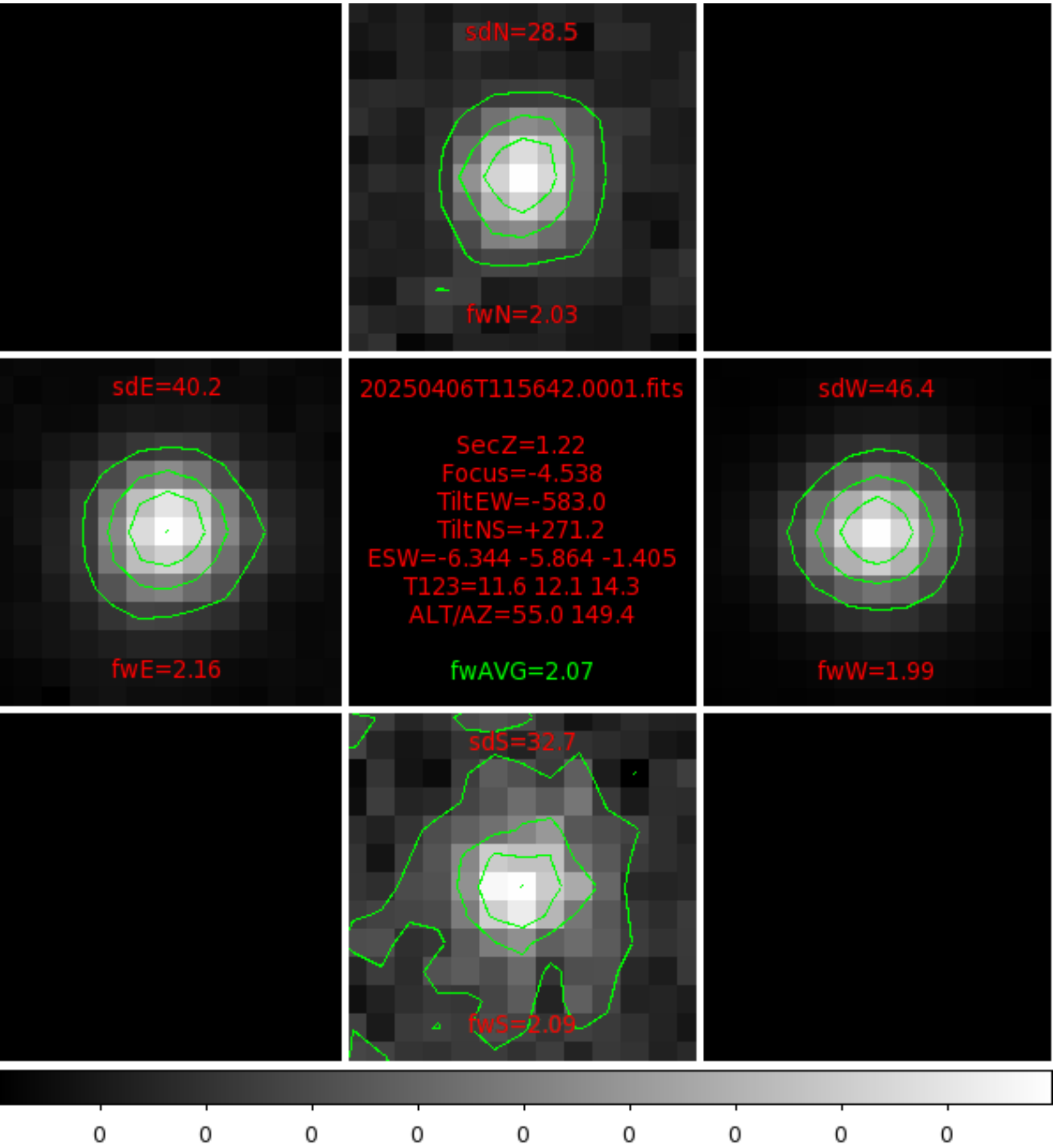
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SecZ=1.22
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=55.0 149.4
fwAVG=2.07
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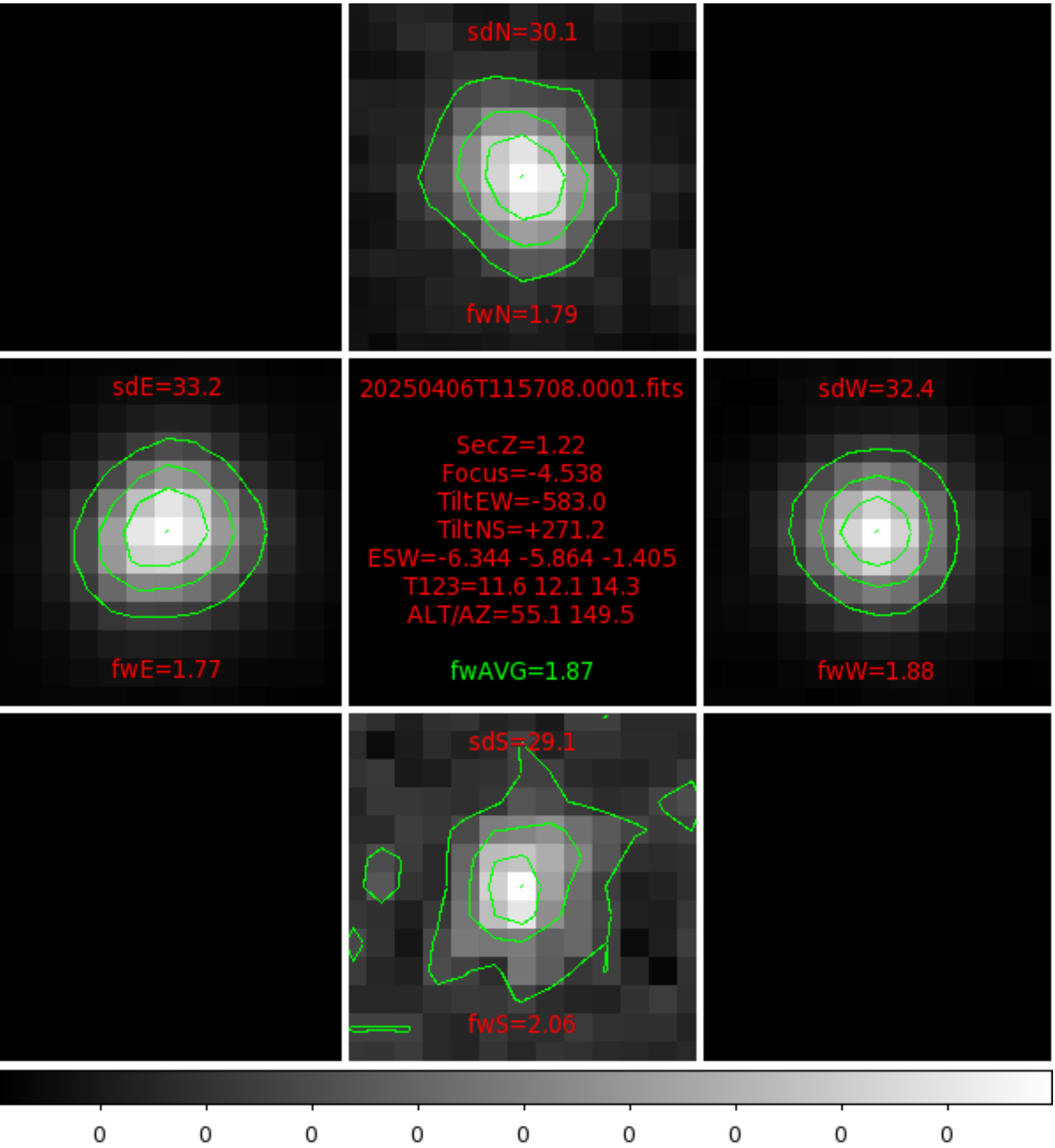
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Focus=-4.538
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ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=55.1 149.5
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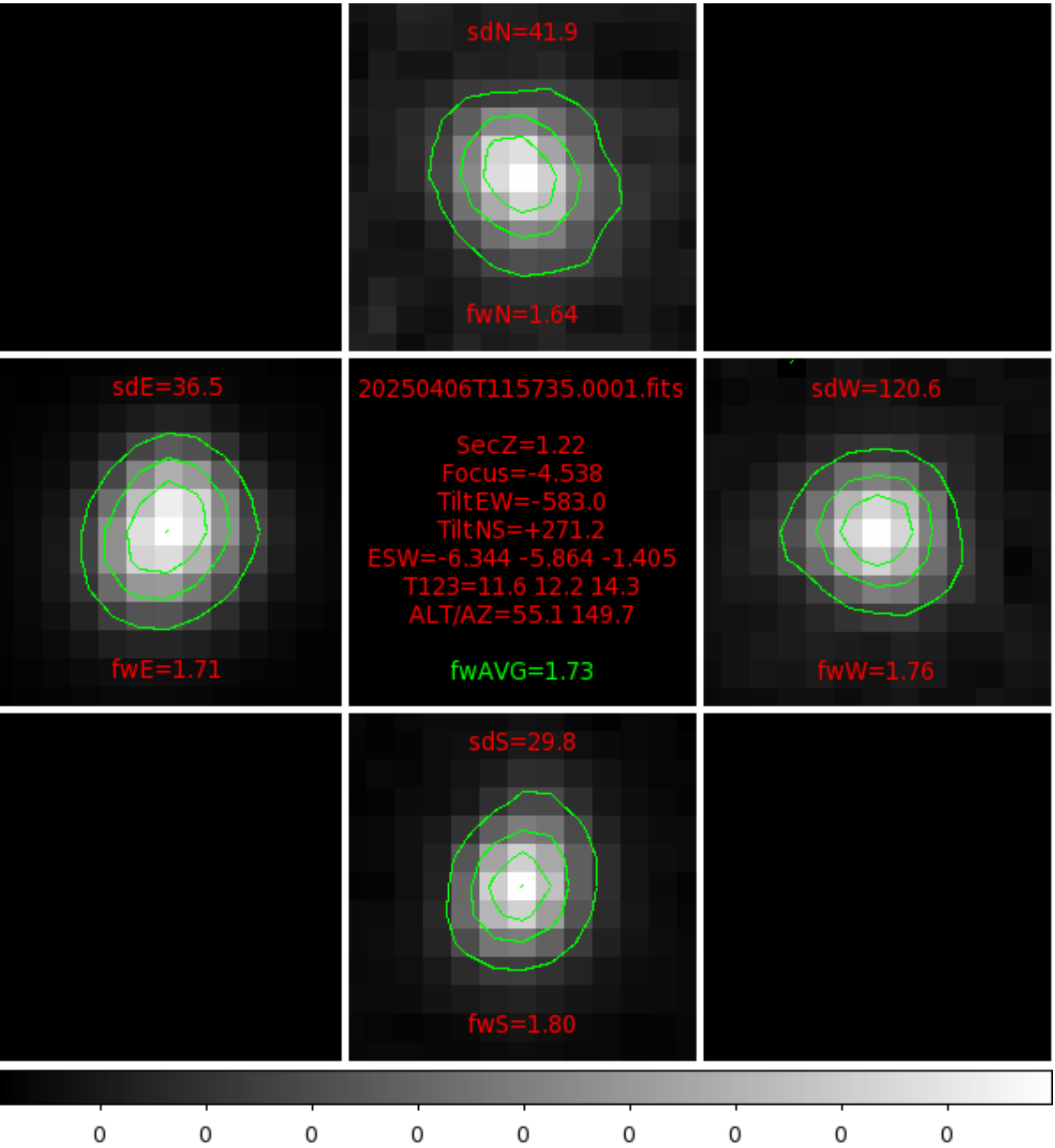
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Focus=-4.538
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ESW=-6.344 -5.864 -1.405
T123=11.6 12.2 14.3
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fwAVG=1.73
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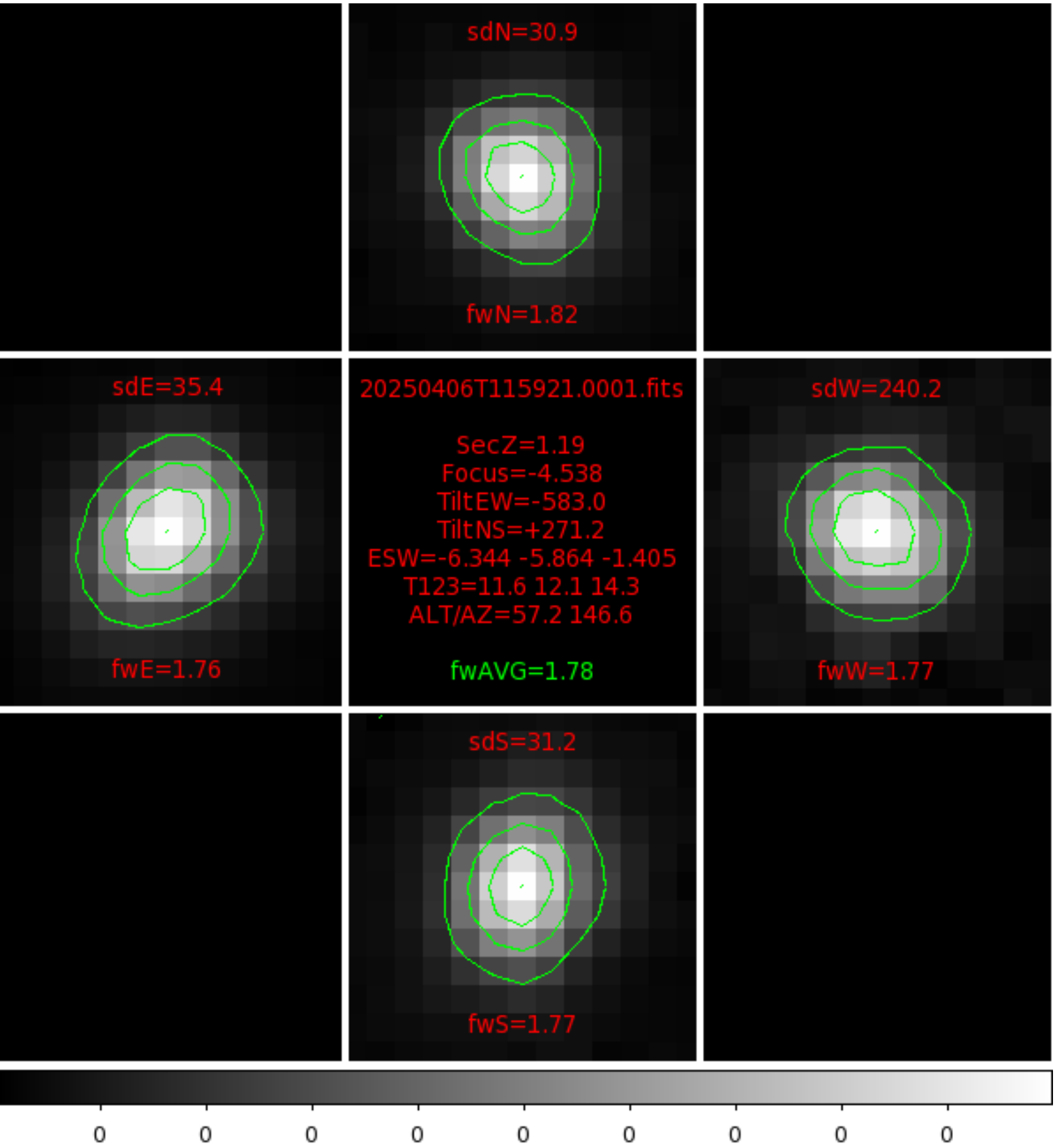
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Focus=-4.538
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TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=57.2 146.6
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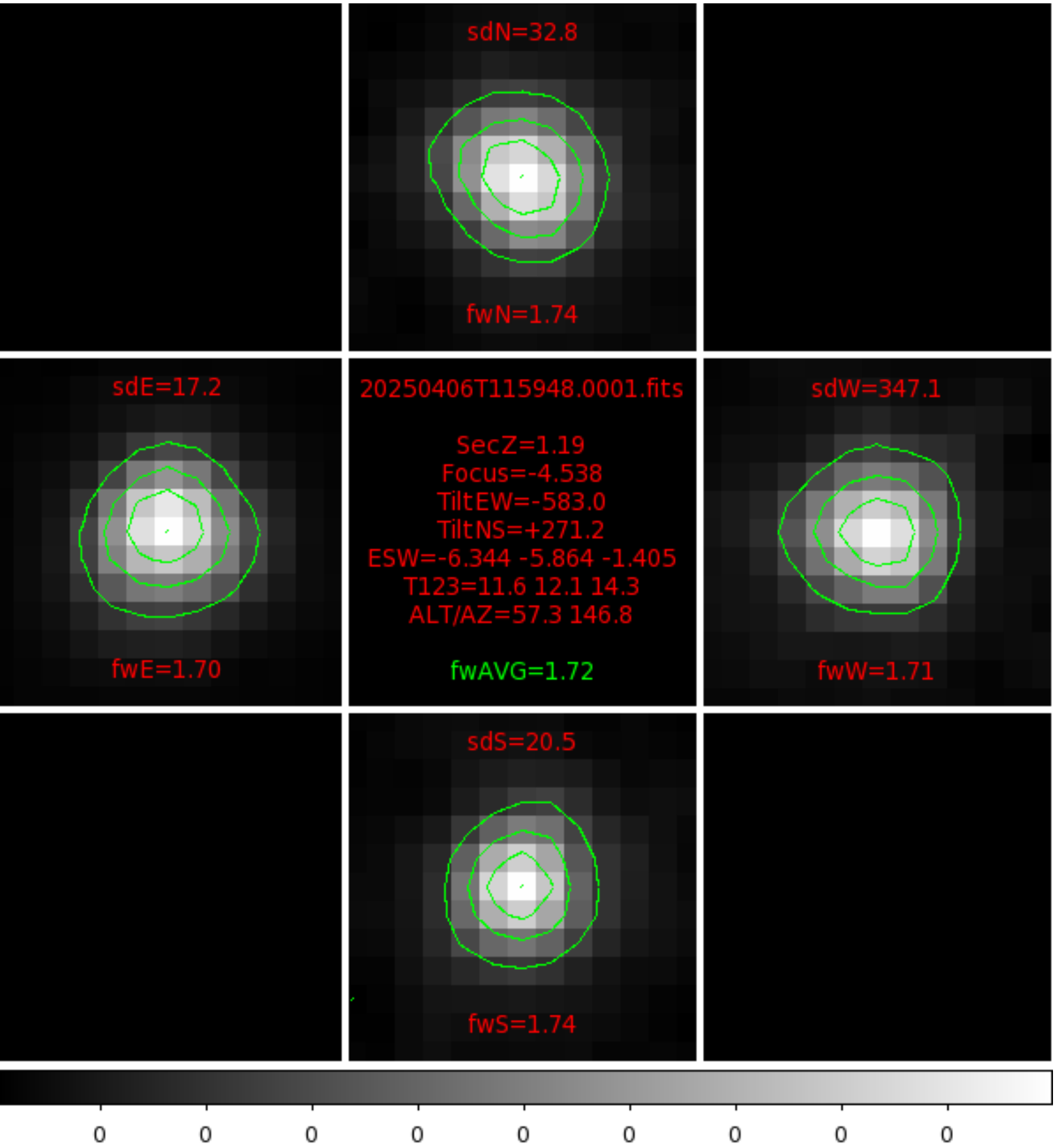
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Focus=-4.538
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TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=57.3 146.8
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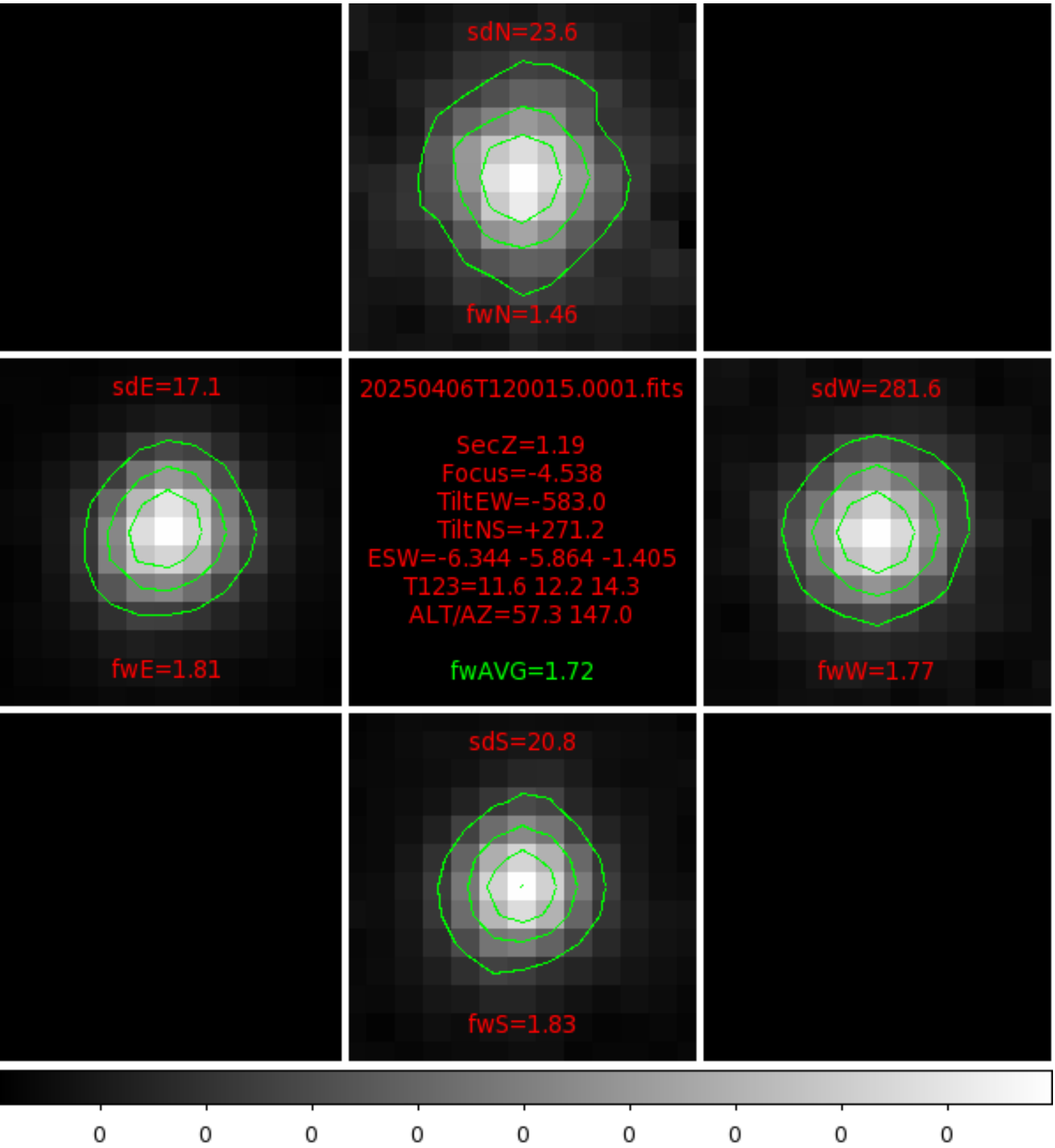
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TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.2 14.3
ALT/AZ=57.3 147.0
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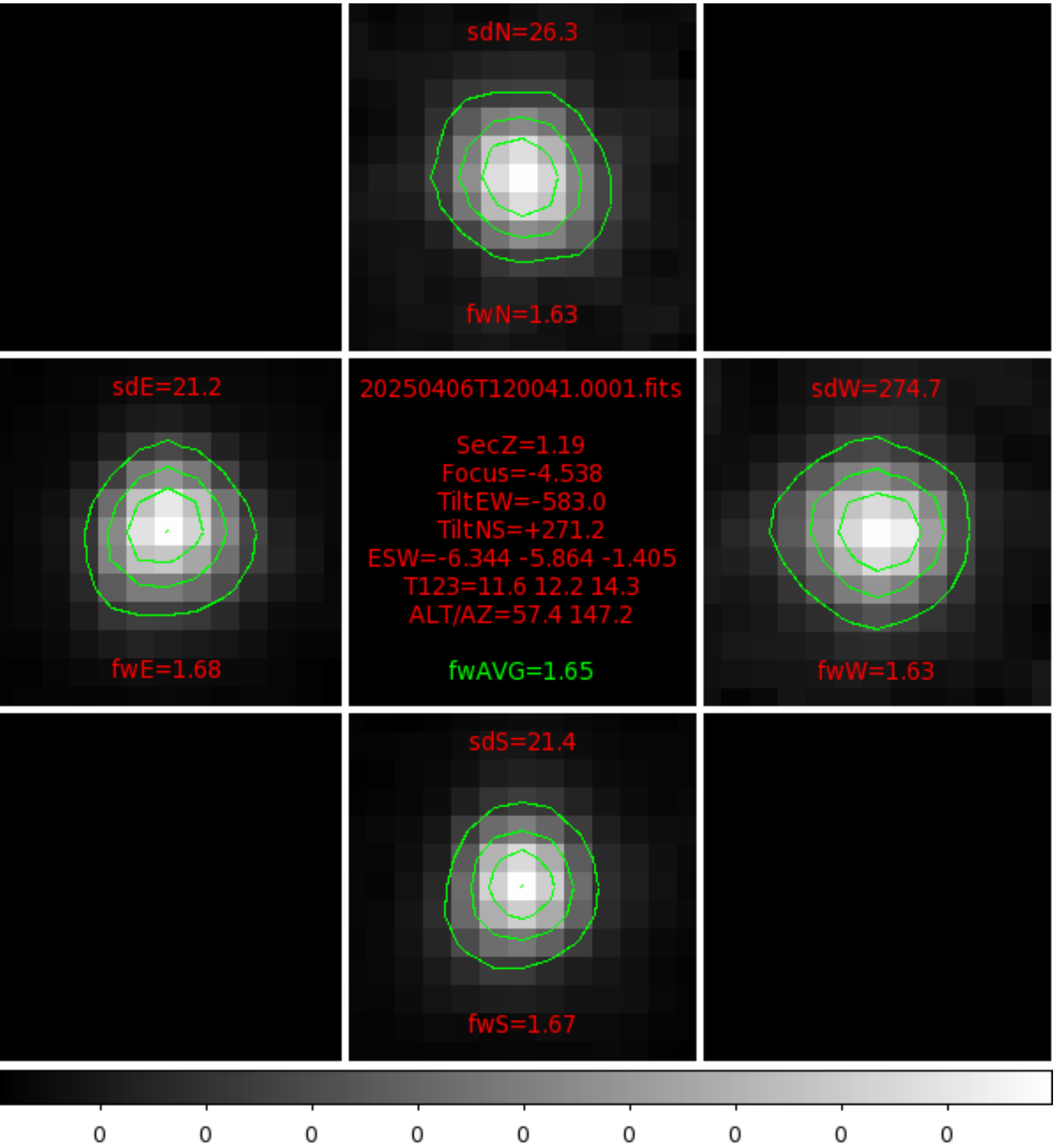
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TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.2 14.3
ALT/AZ=57.4 147.2
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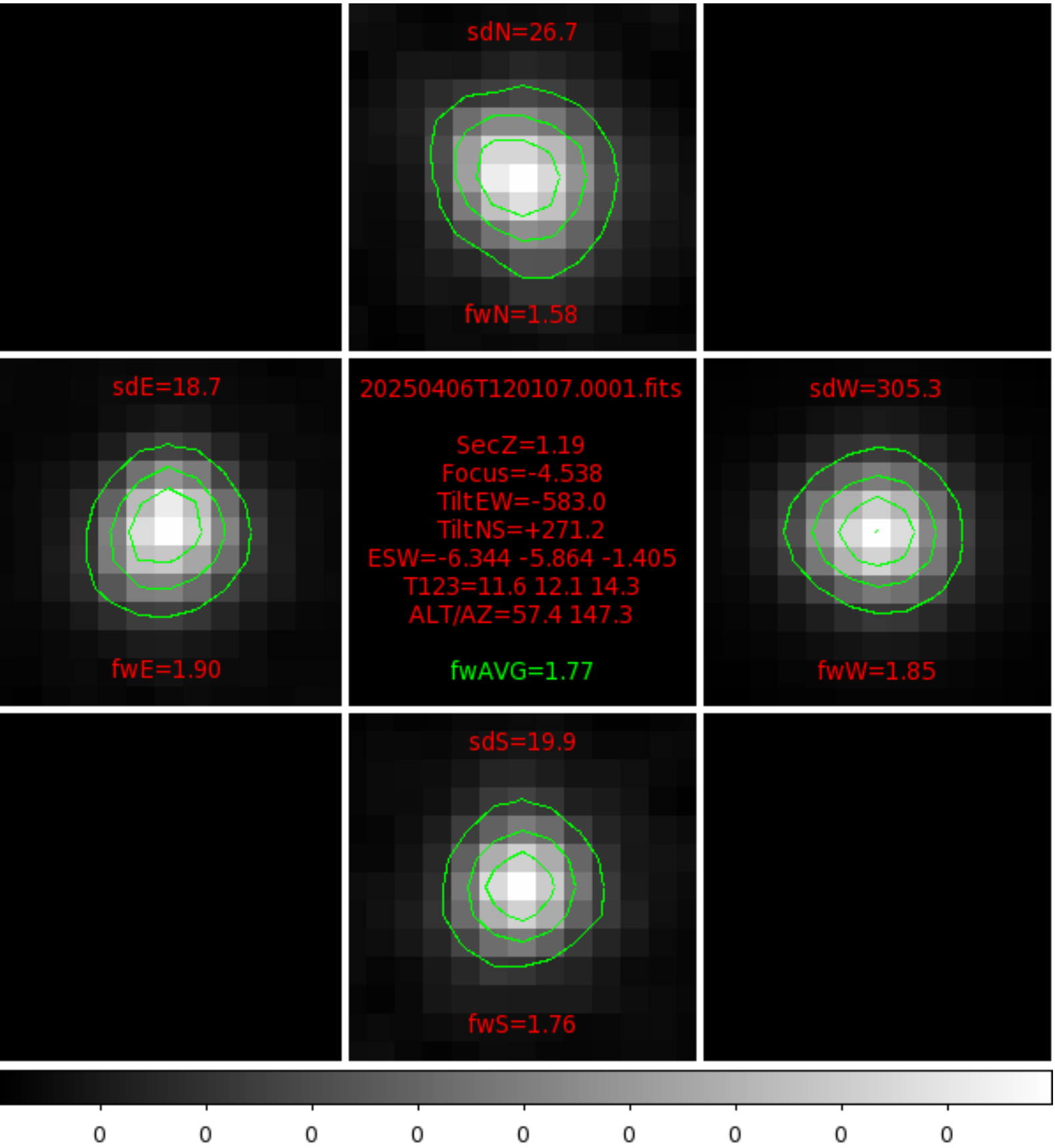
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Focus=-4.538
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TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=57.4 147.3
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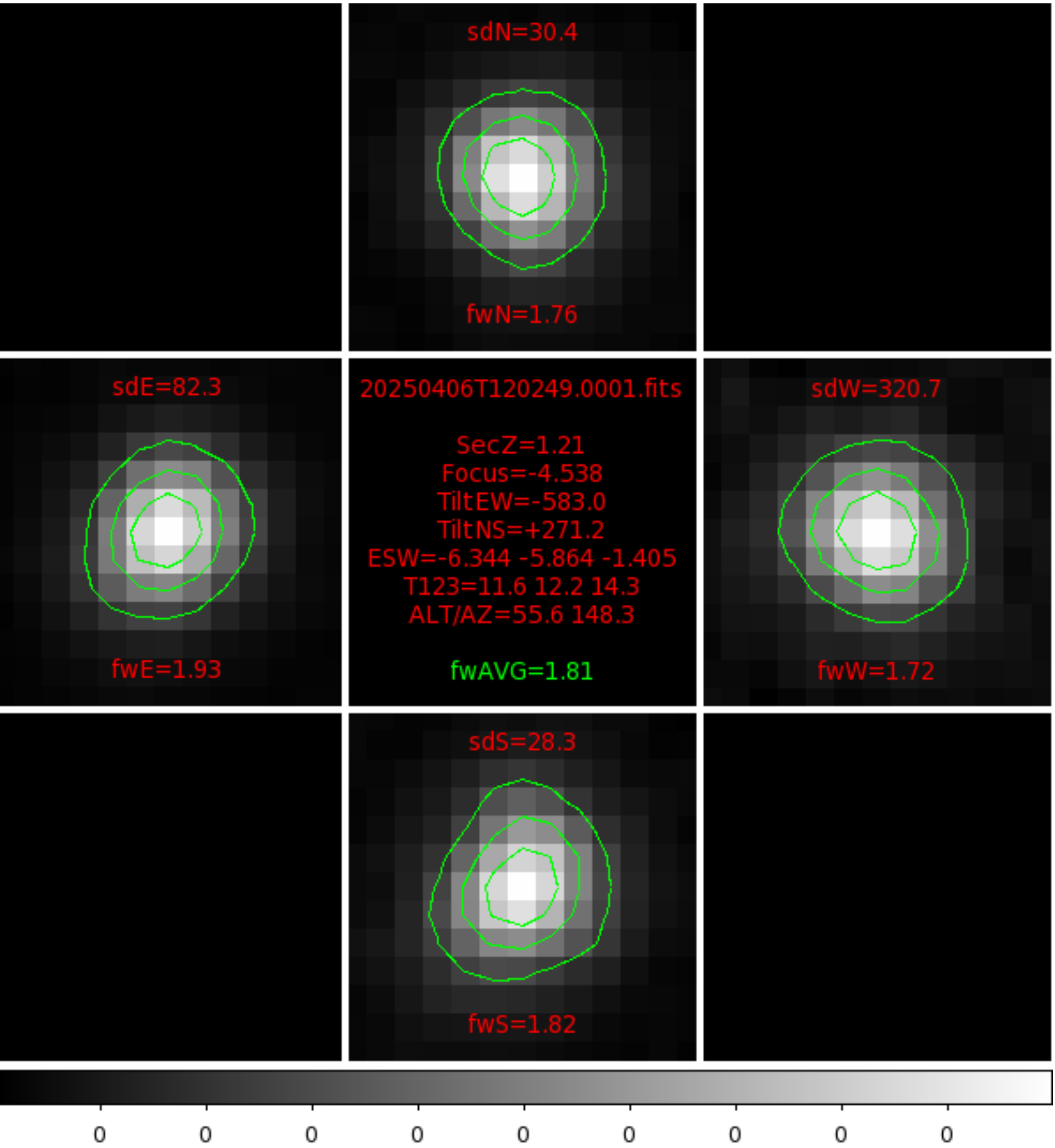
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Focus=-4.538
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TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.2 14.3
ALT/AZ=55.6 148.3
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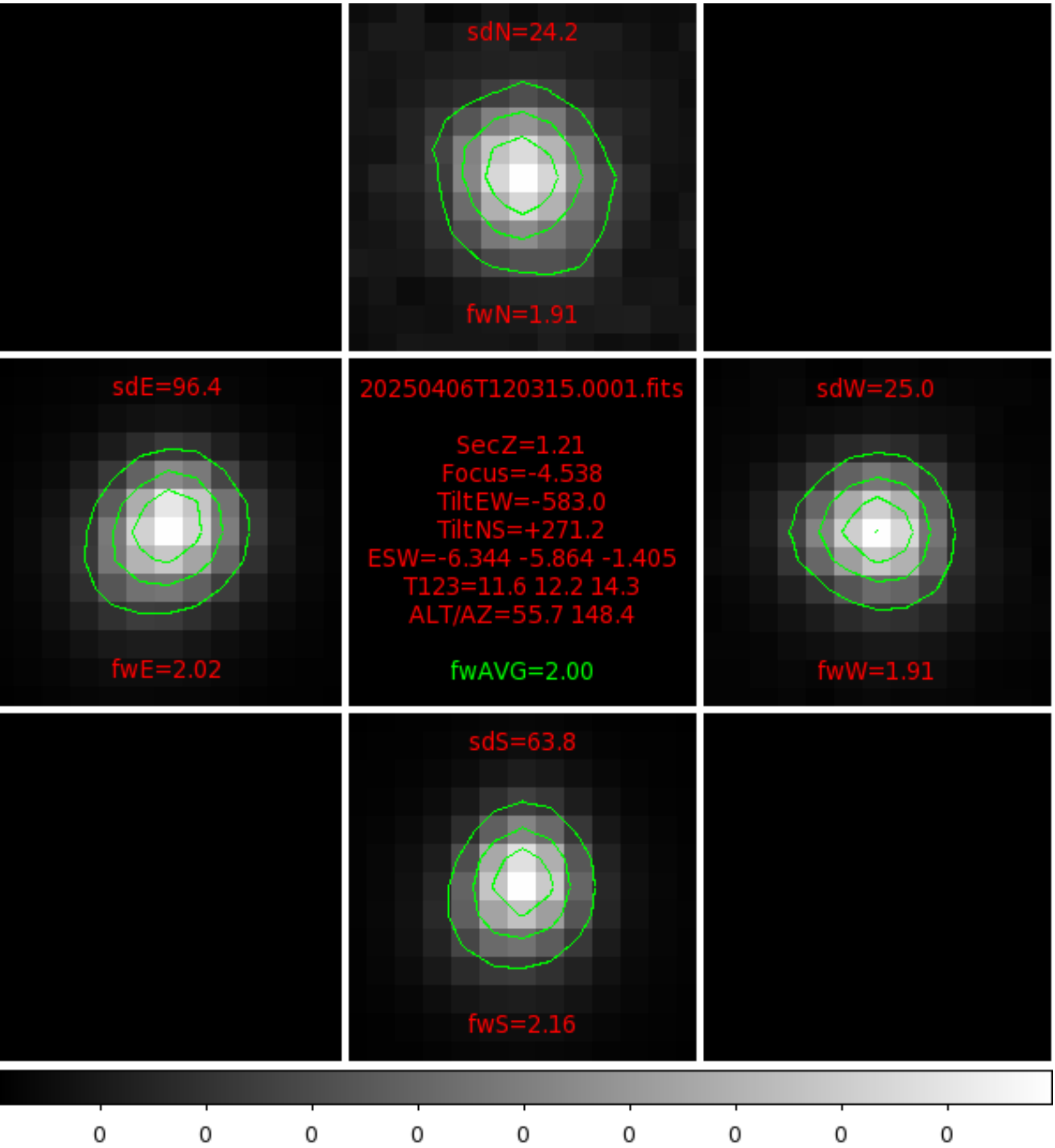
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T123=11.6 12.2 14.3
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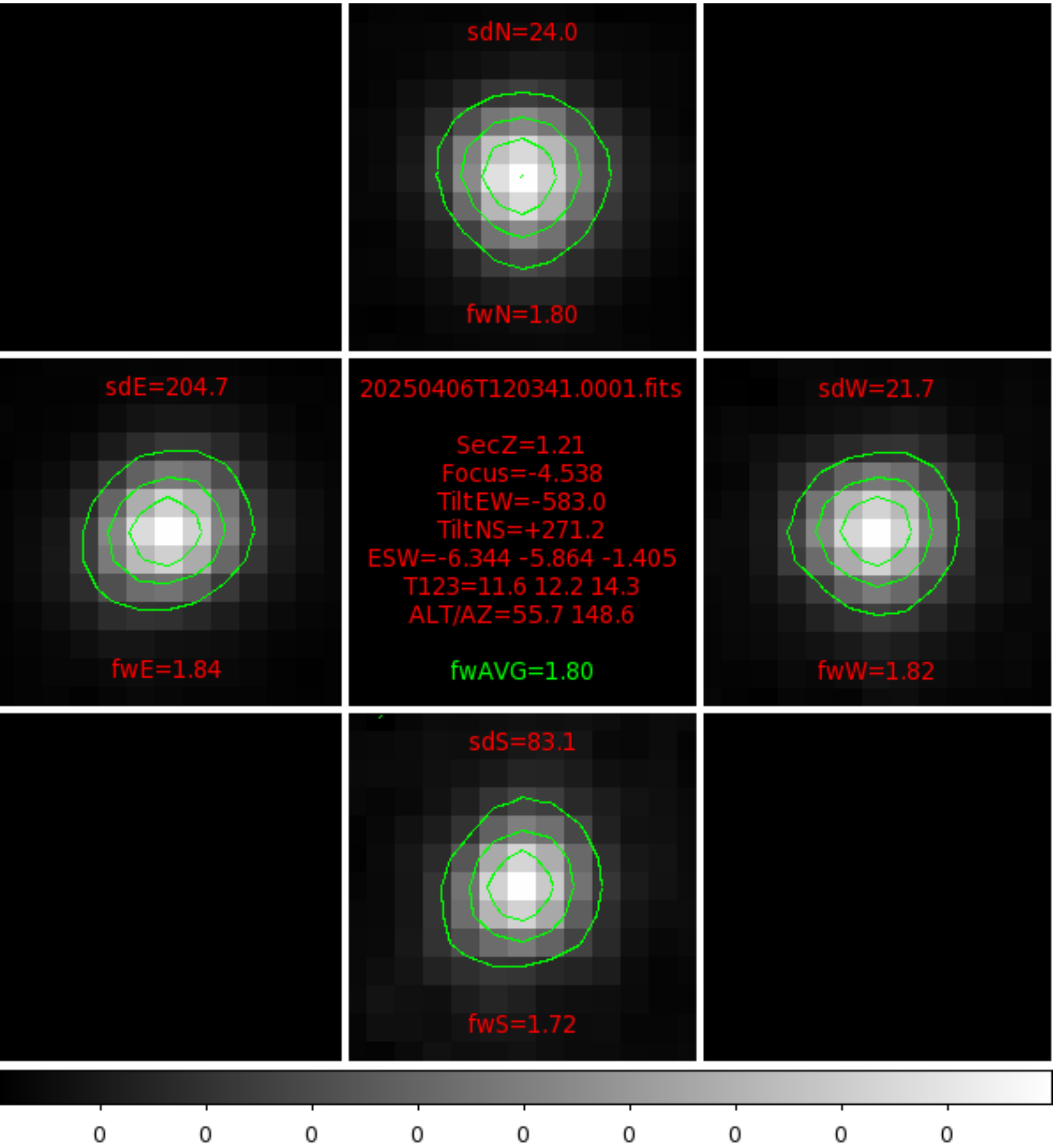
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SecZ=1.21
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TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.2 14.3
ALT/AZ=55.7 148.6
fwAVG=1.80
sdW=21.7
fwW=1.82
sdS=83.1
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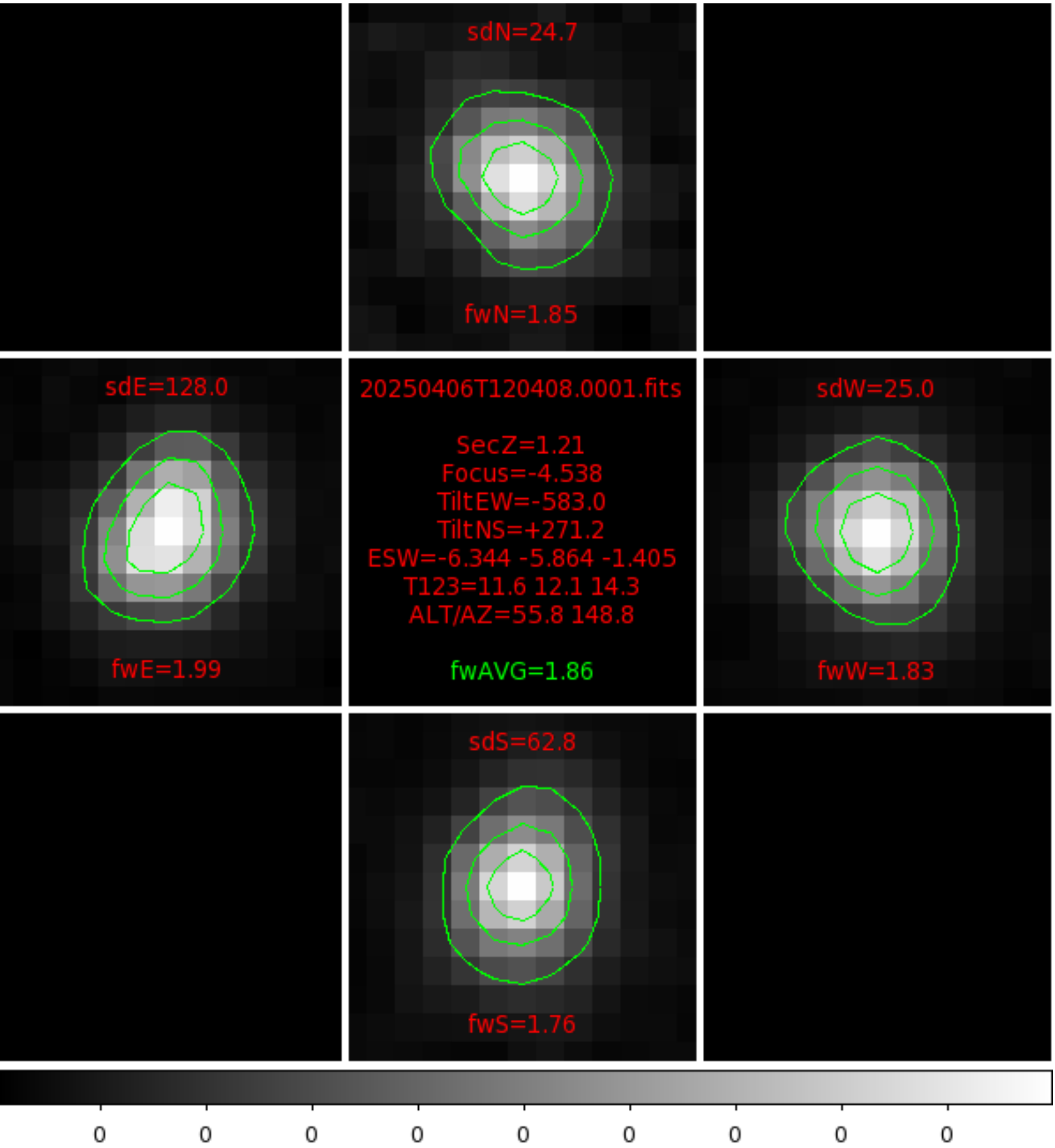
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TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=55.8 148.8
fwAVG=1.86
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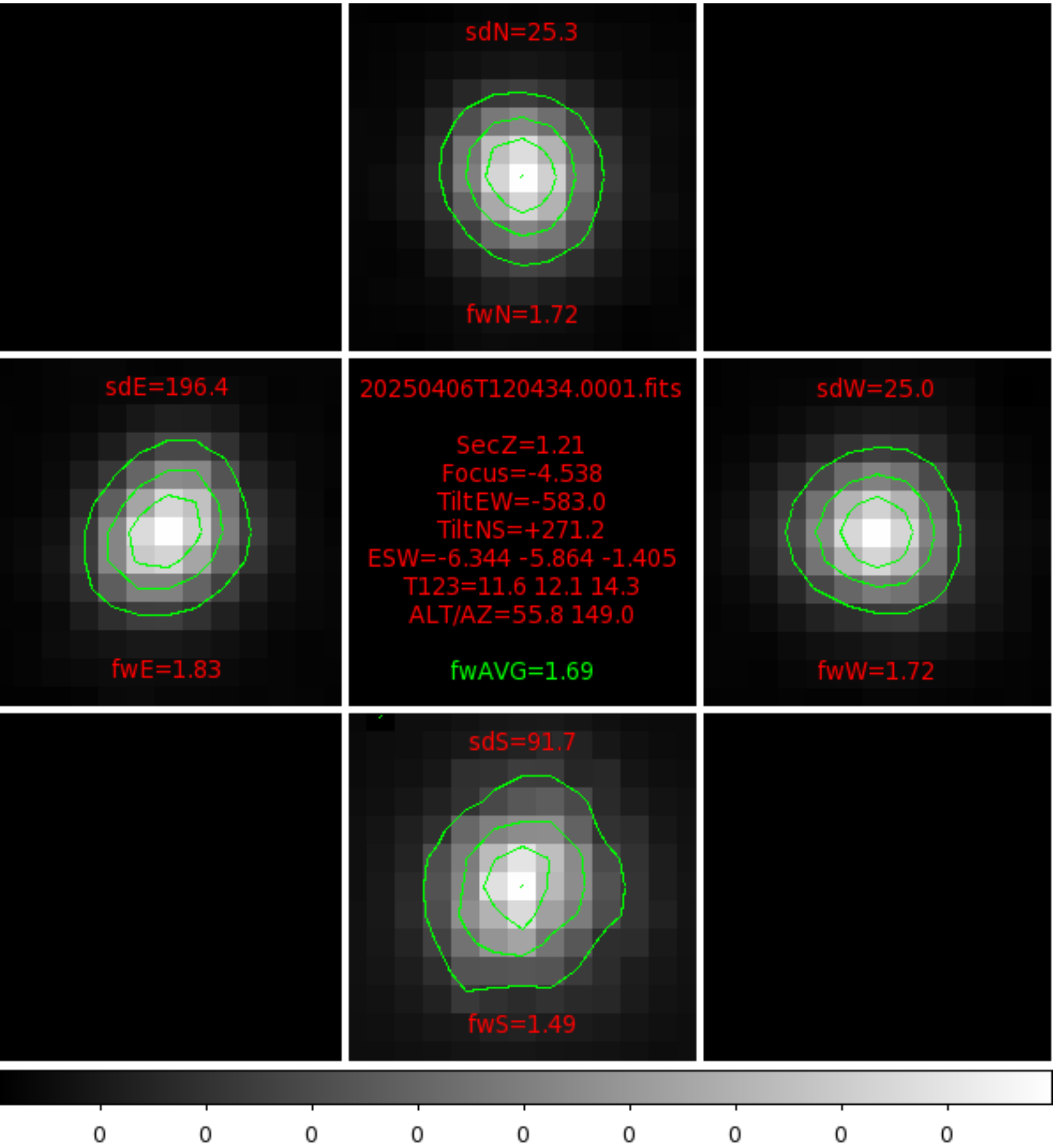
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fwE=1.83
20250406T120434.0001.fits
SecZ=1.21
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=55.8 149.0
fwAVG=1.69
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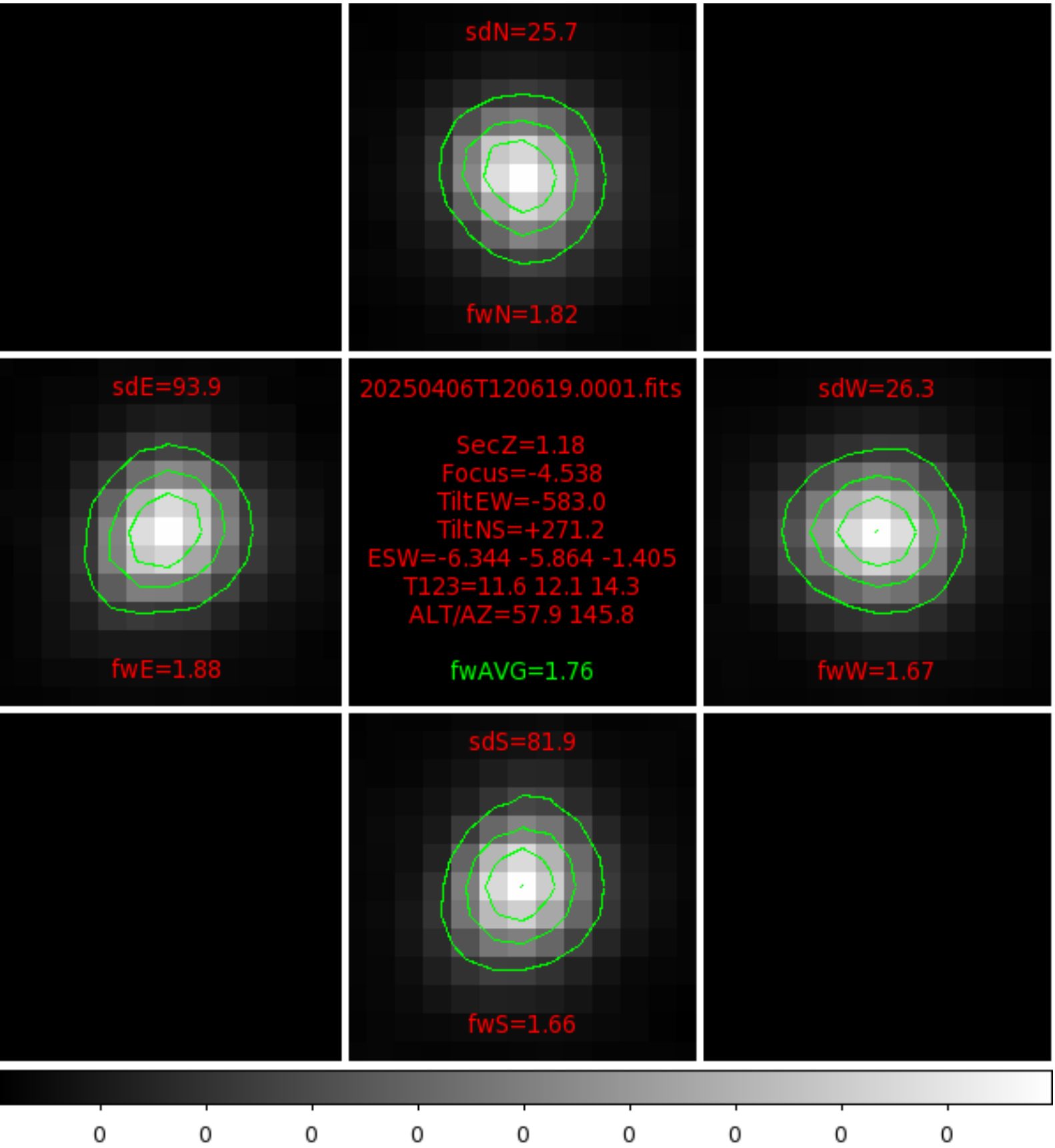
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fwE=1.88
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SecZ=1.18
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=57.9 145.8
fwAVG=1.76
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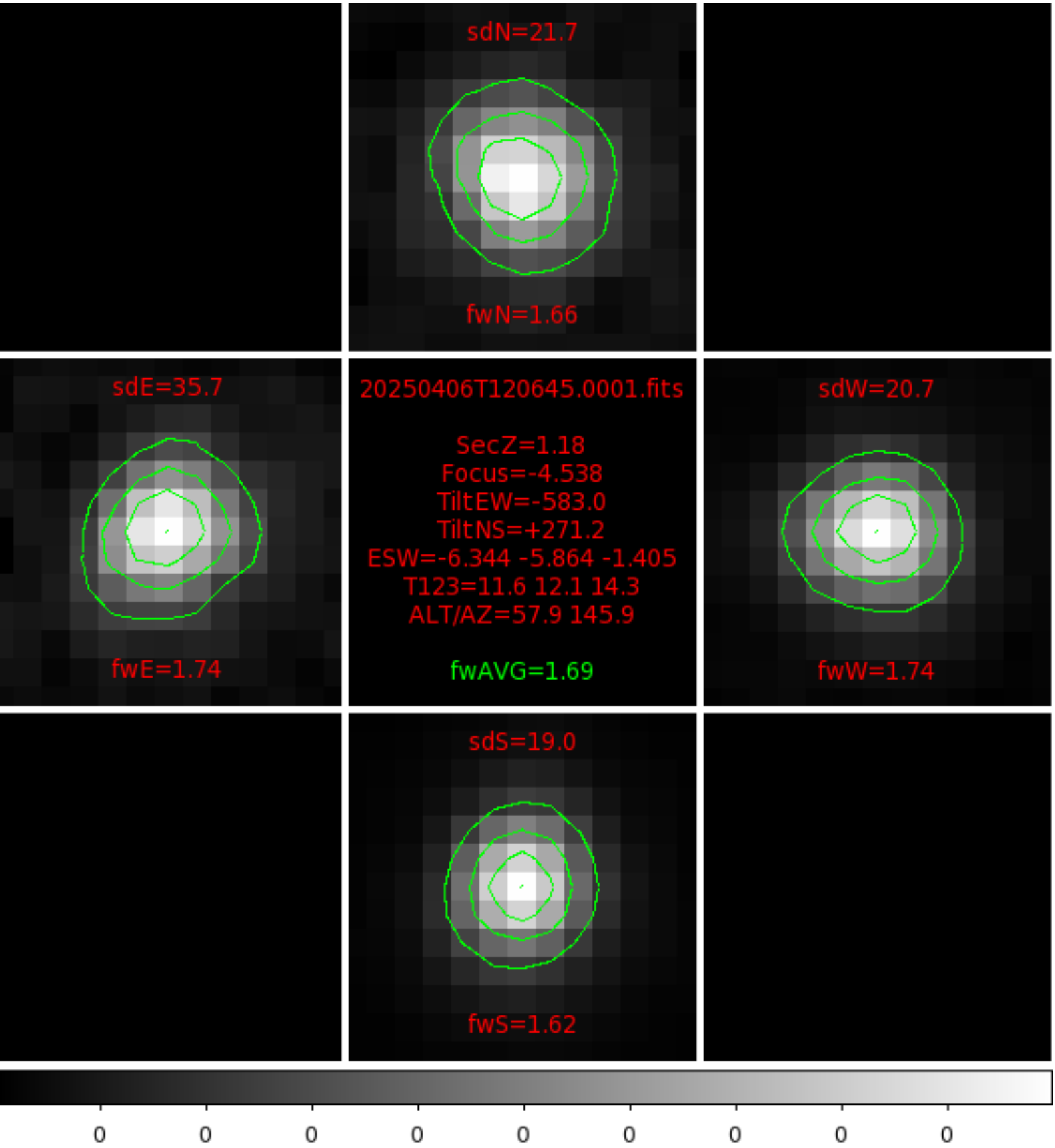
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SecZ=1.18
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=57.9 145.9
fwAVG=1.69
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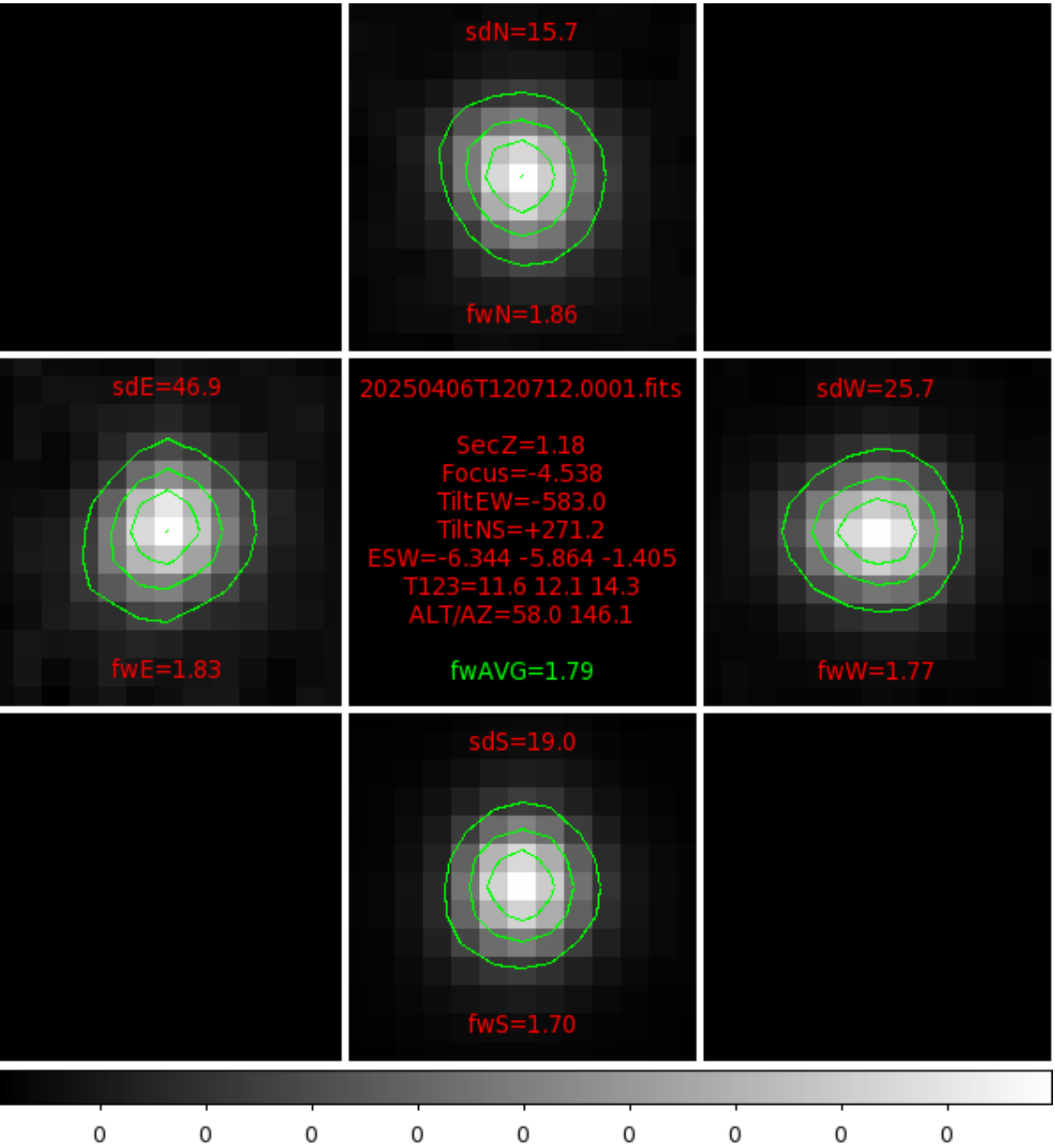
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SecZ=1.18
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=58.0 146.1
fwAVG=1.79
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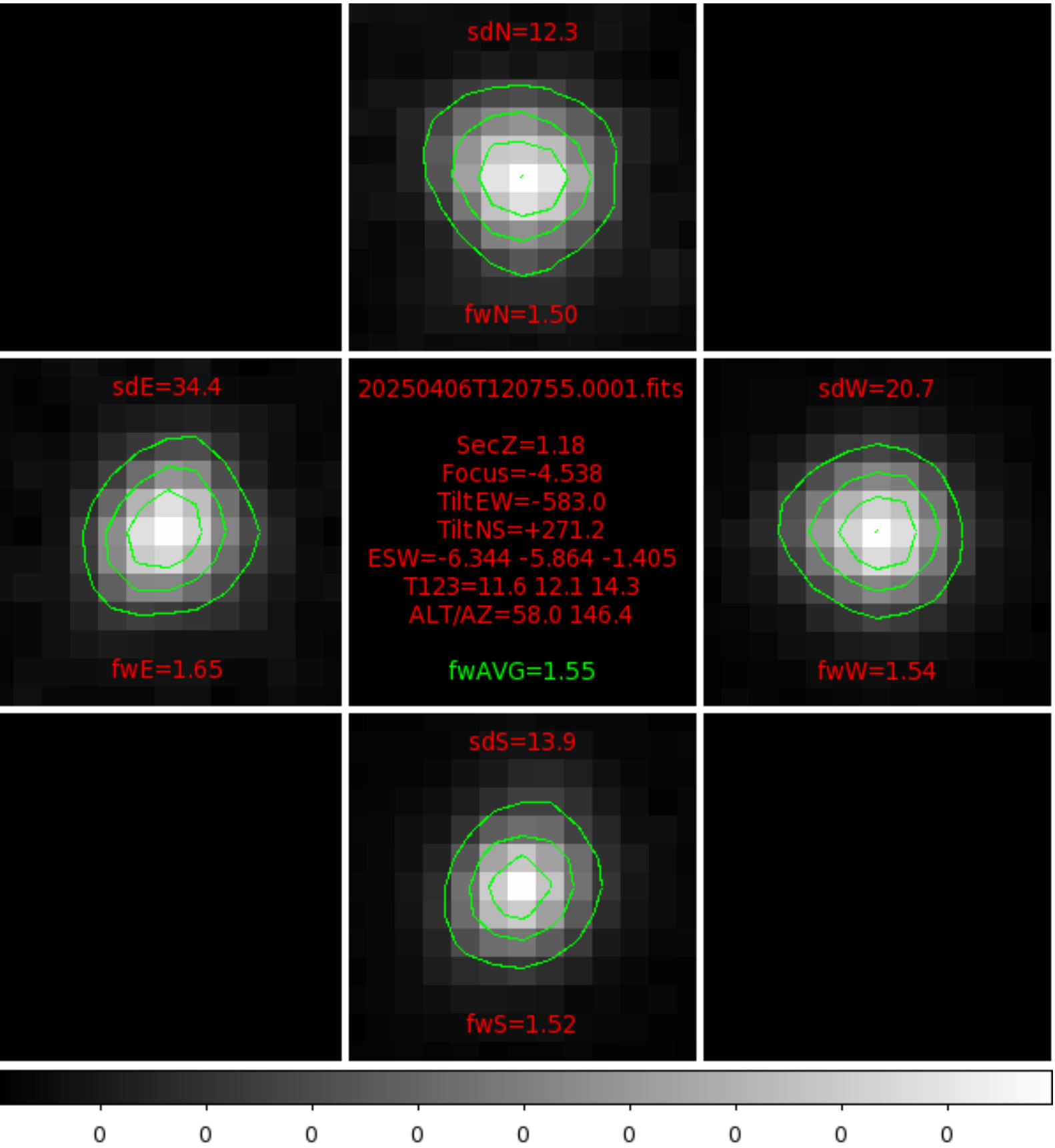
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SecZ=1.18
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=58.0 146.4
fwAVG=1.55
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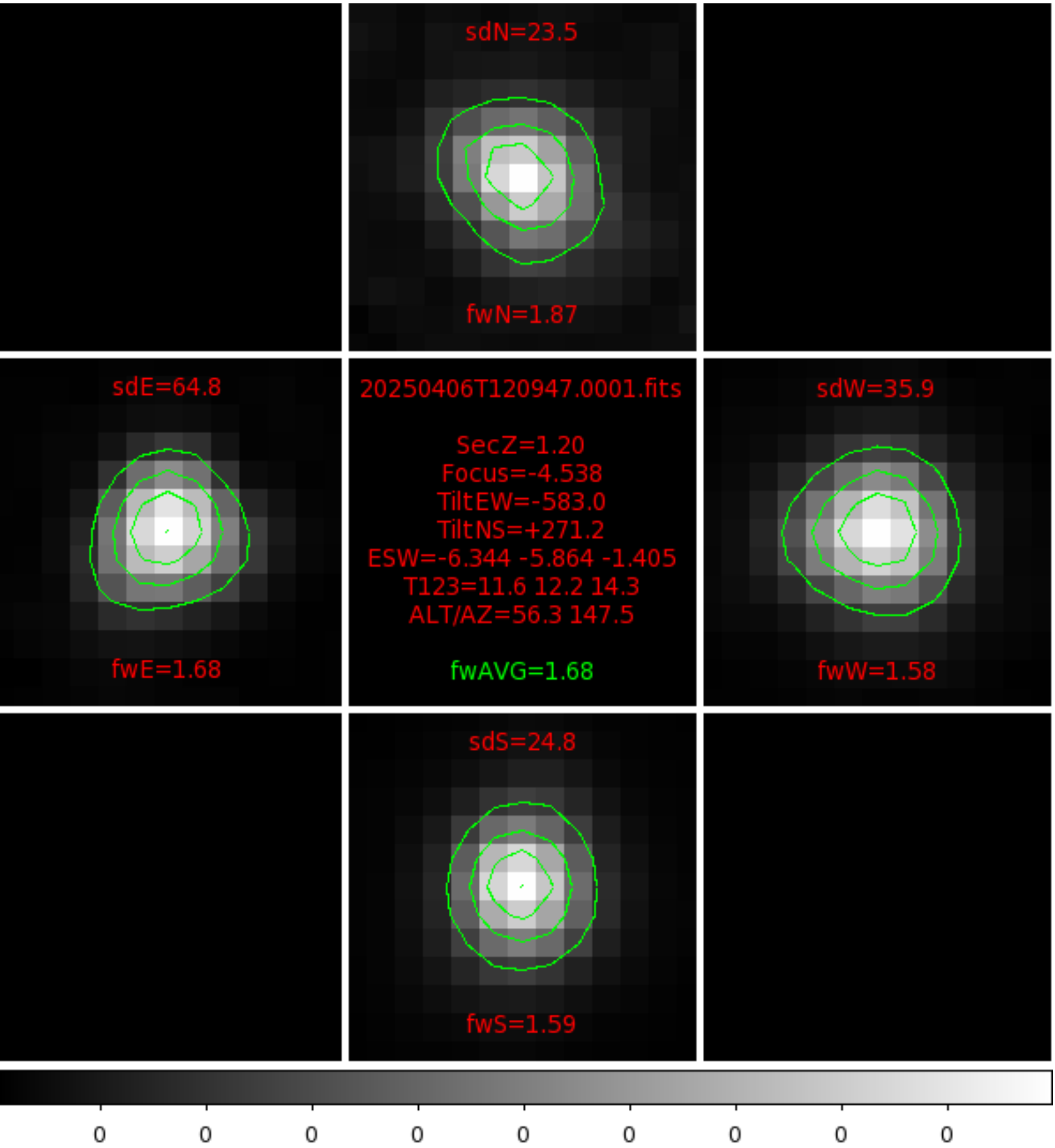
sdN=23.5
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SecZ=1.20
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.2 14.3
ALT/AZ=56.3 147.5
fwAVG=1.68
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sdS=24.8
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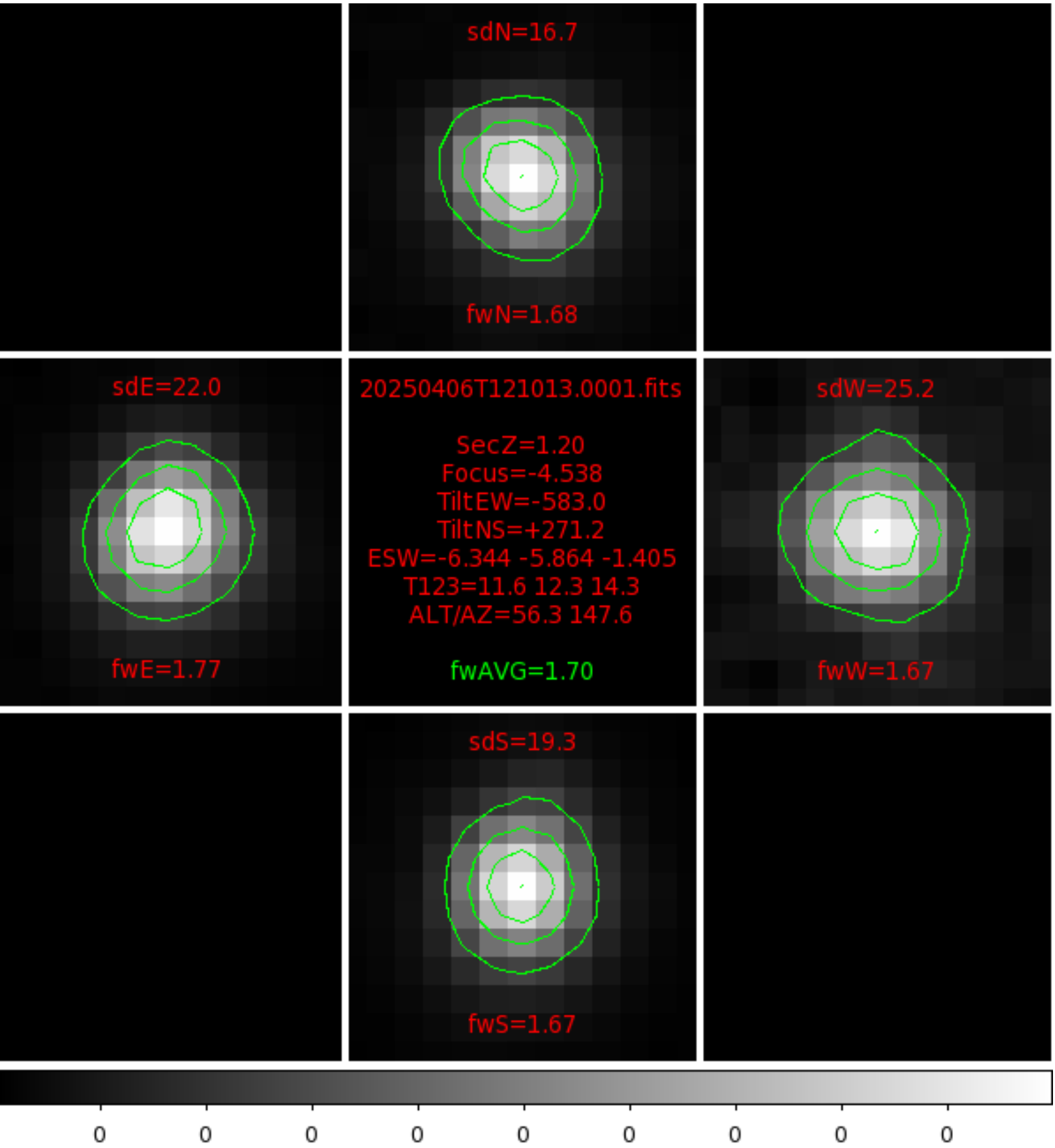
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SecZ=1.20
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.3 14.3
ALT/AZ=56.3 147.6
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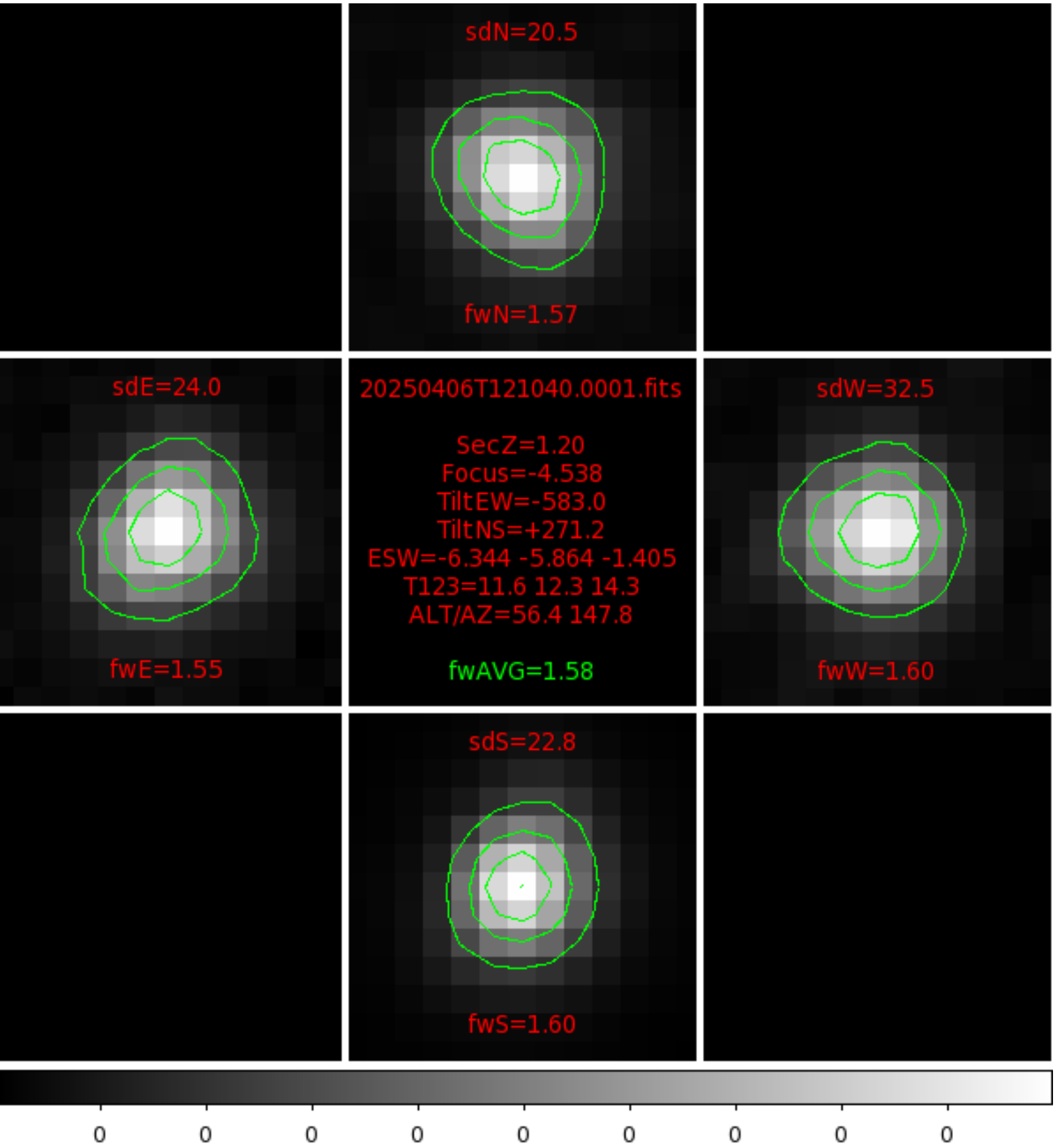
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SecZ=1.20
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.3 14.3
ALT/AZ=56.4 147.8
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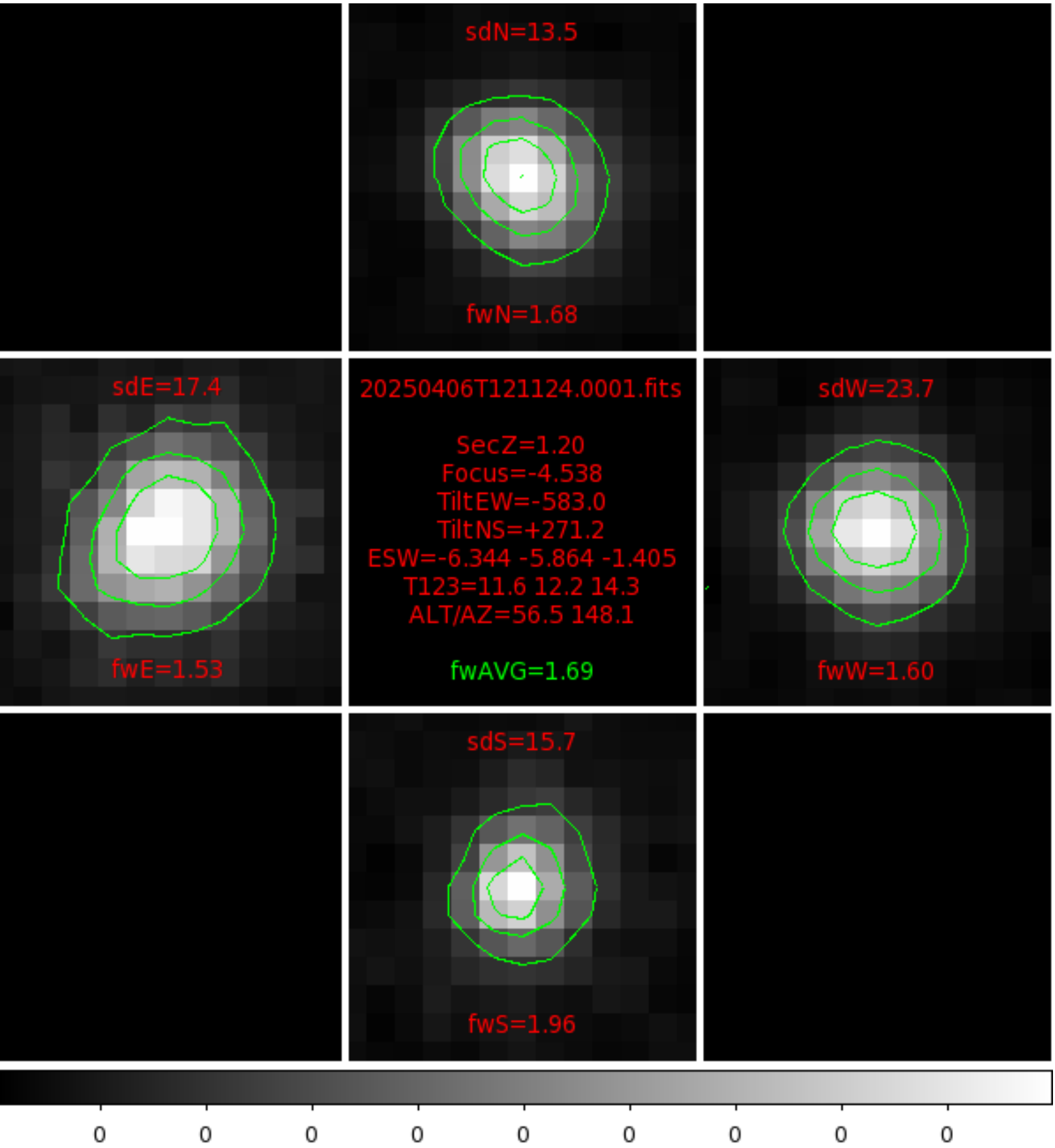
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SecZ=1.20
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.2 14.3
ALT/AZ=56.5 148.1
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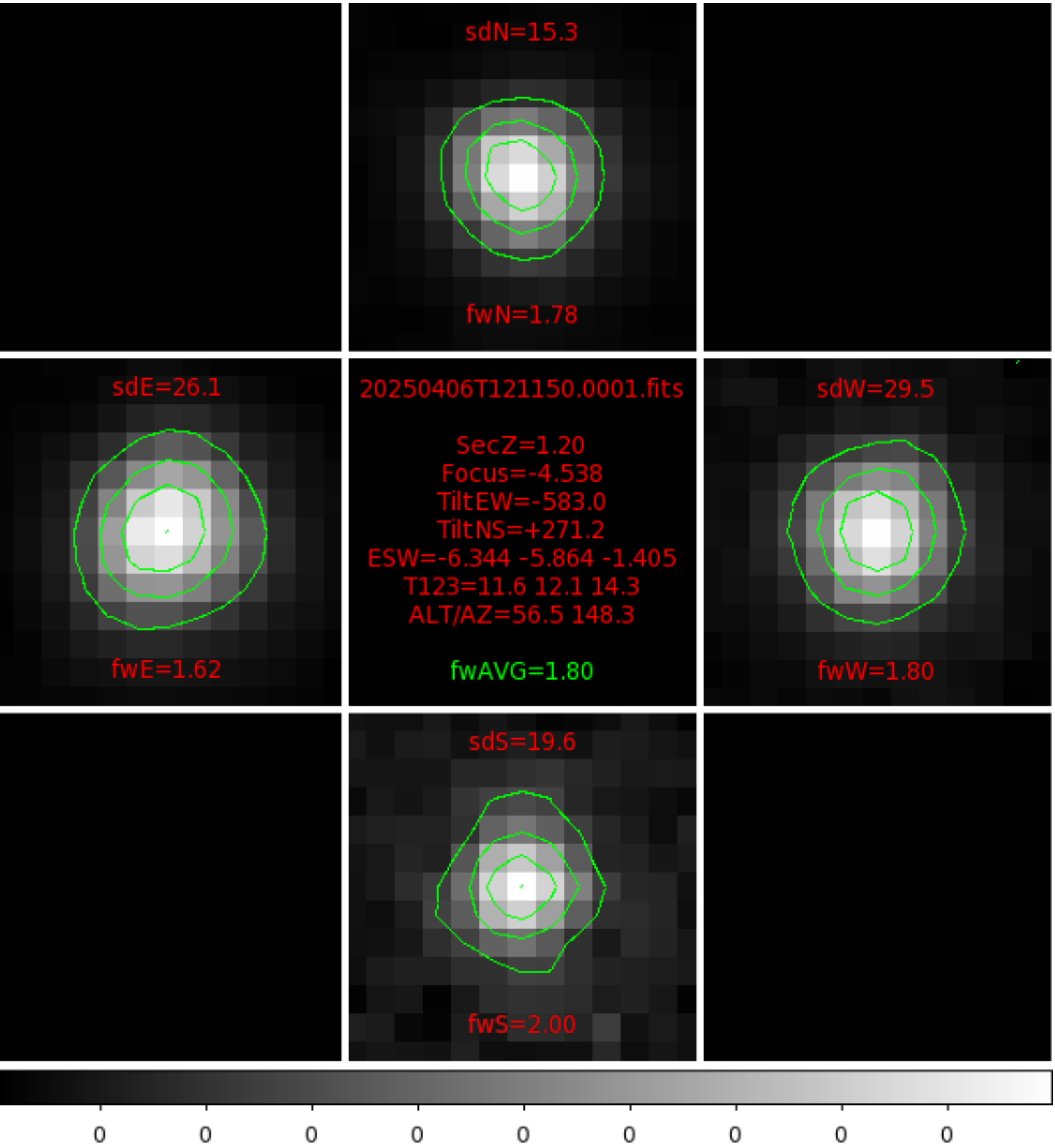
sdN=15.3
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SecZ=1.20
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=56.5 148.3
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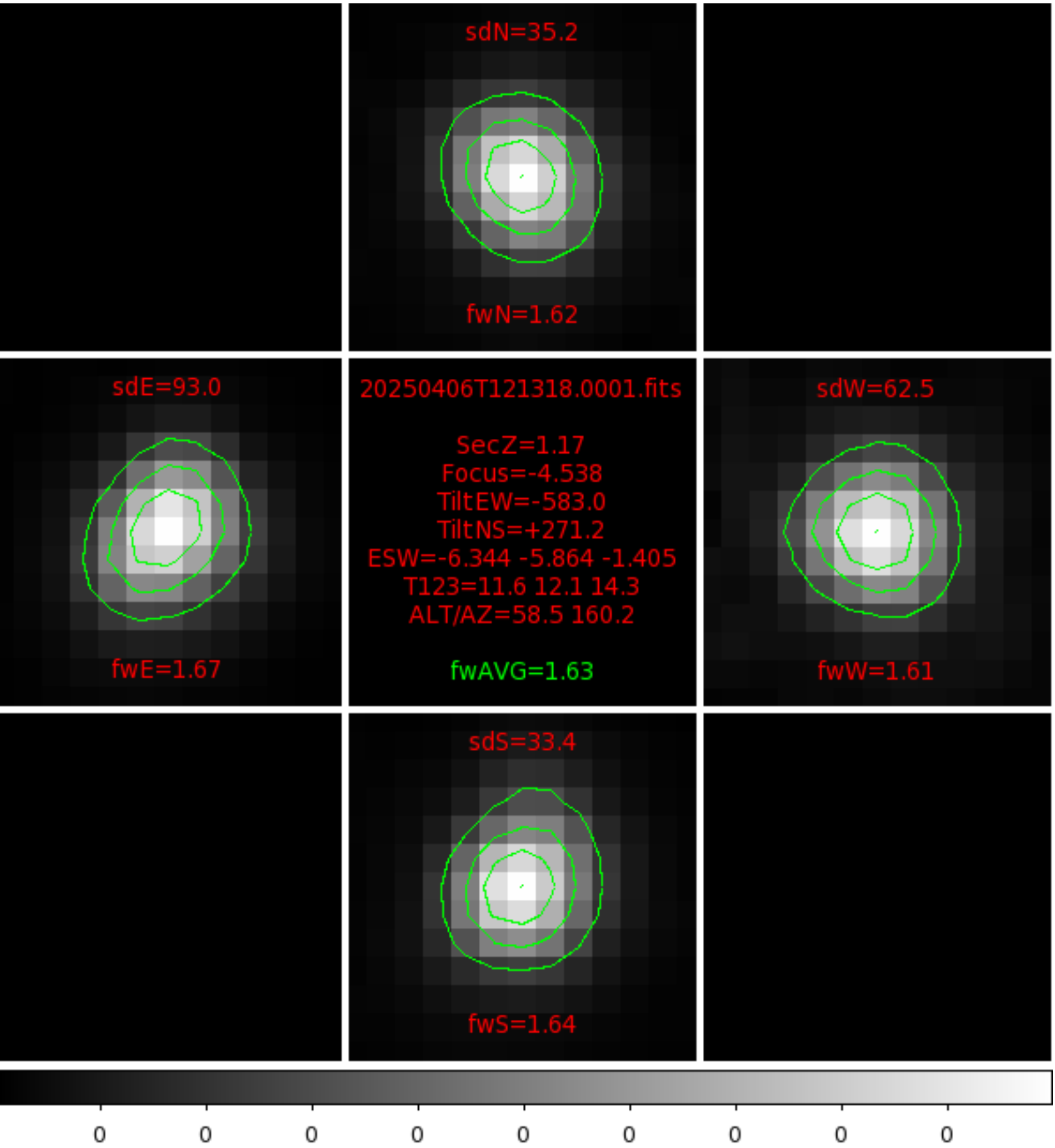
sdN=35.2
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sdE=93.0
fwE=1.67
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SecZ=1.17
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=58.5 160.2
fwAVG=1.63
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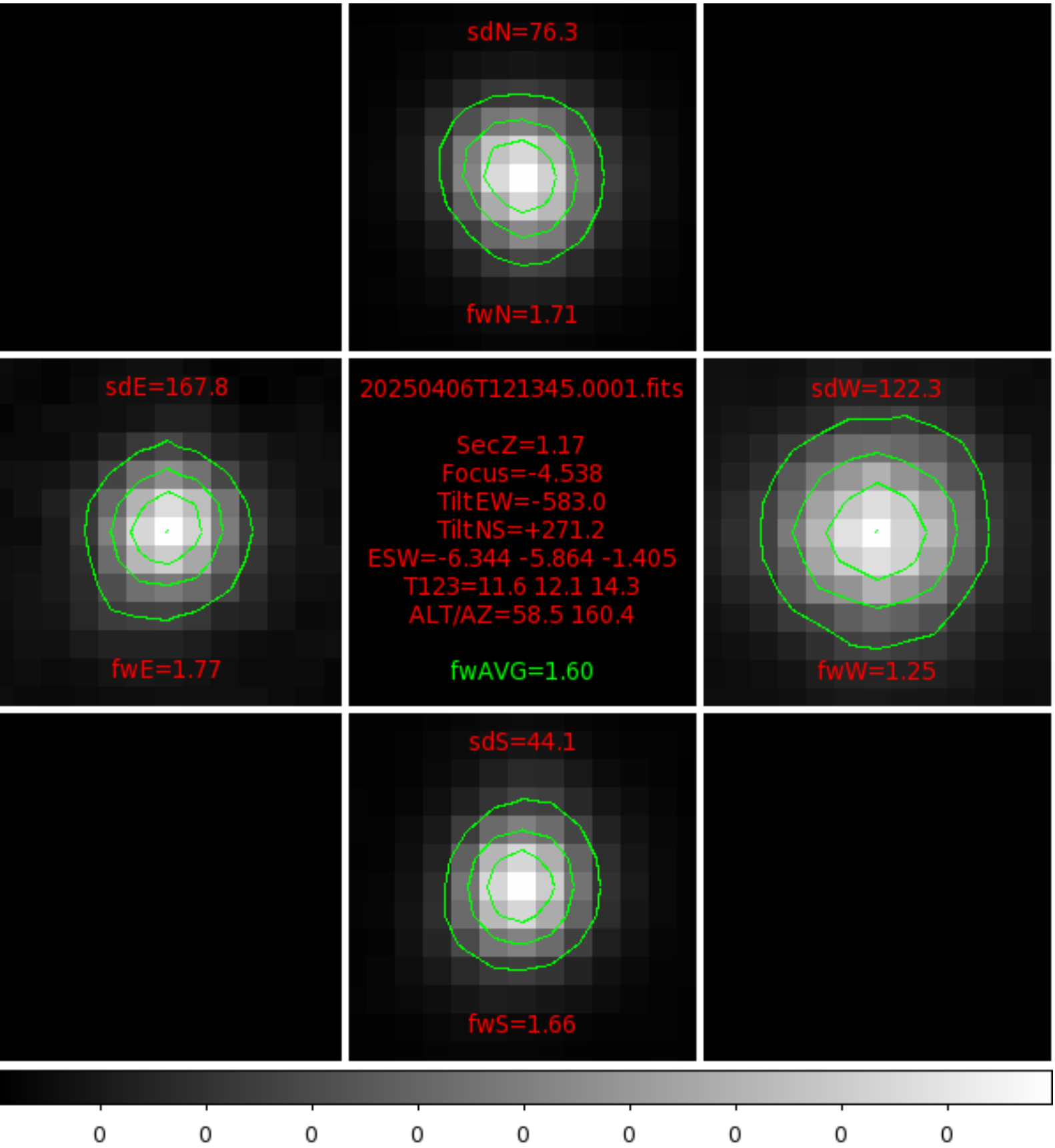
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SecZ=1.17
Focus=-4.538
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TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=58.5 160.4
fwAVG=1.60
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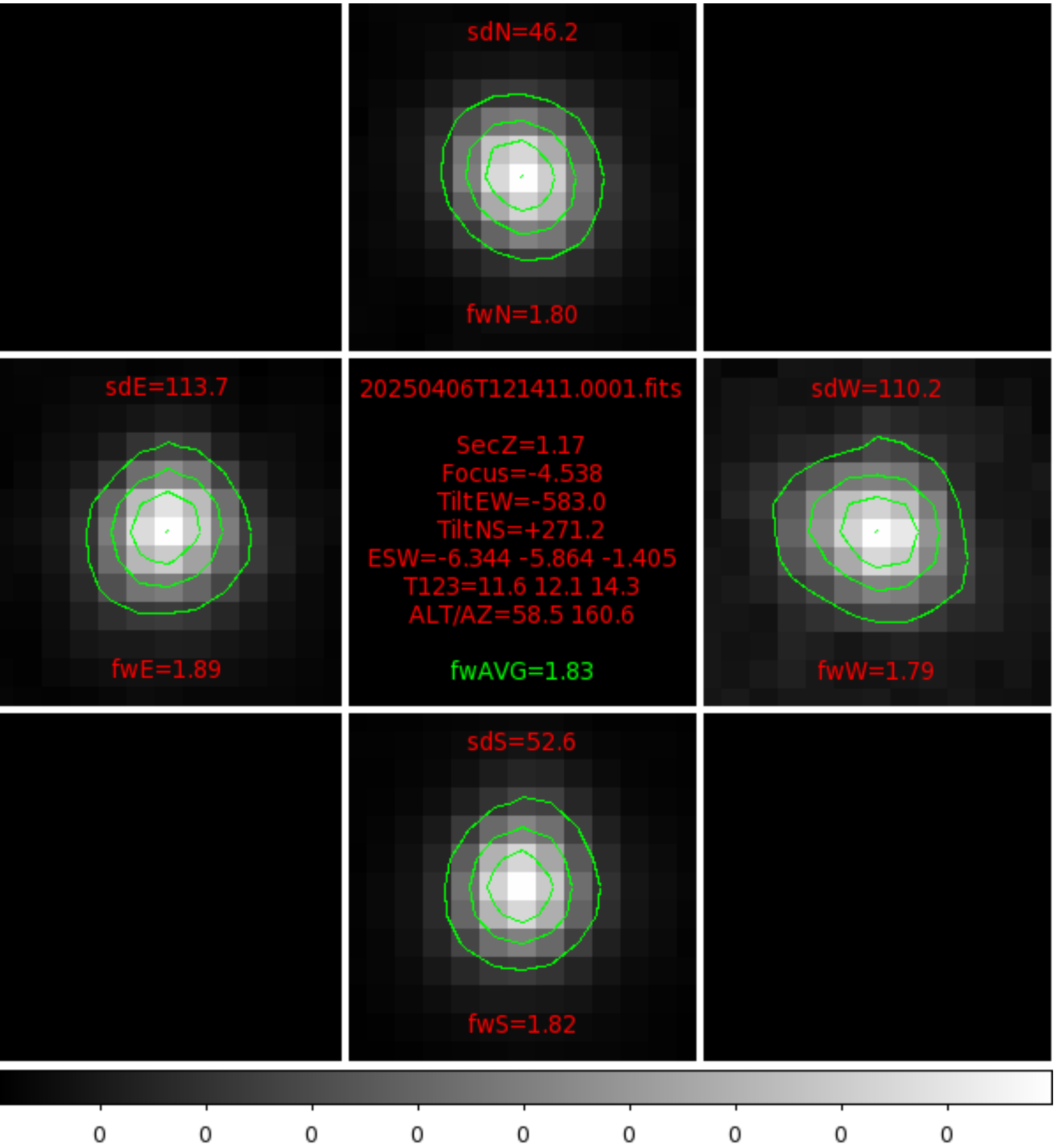
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SecZ=1.17
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=58.5 160.6
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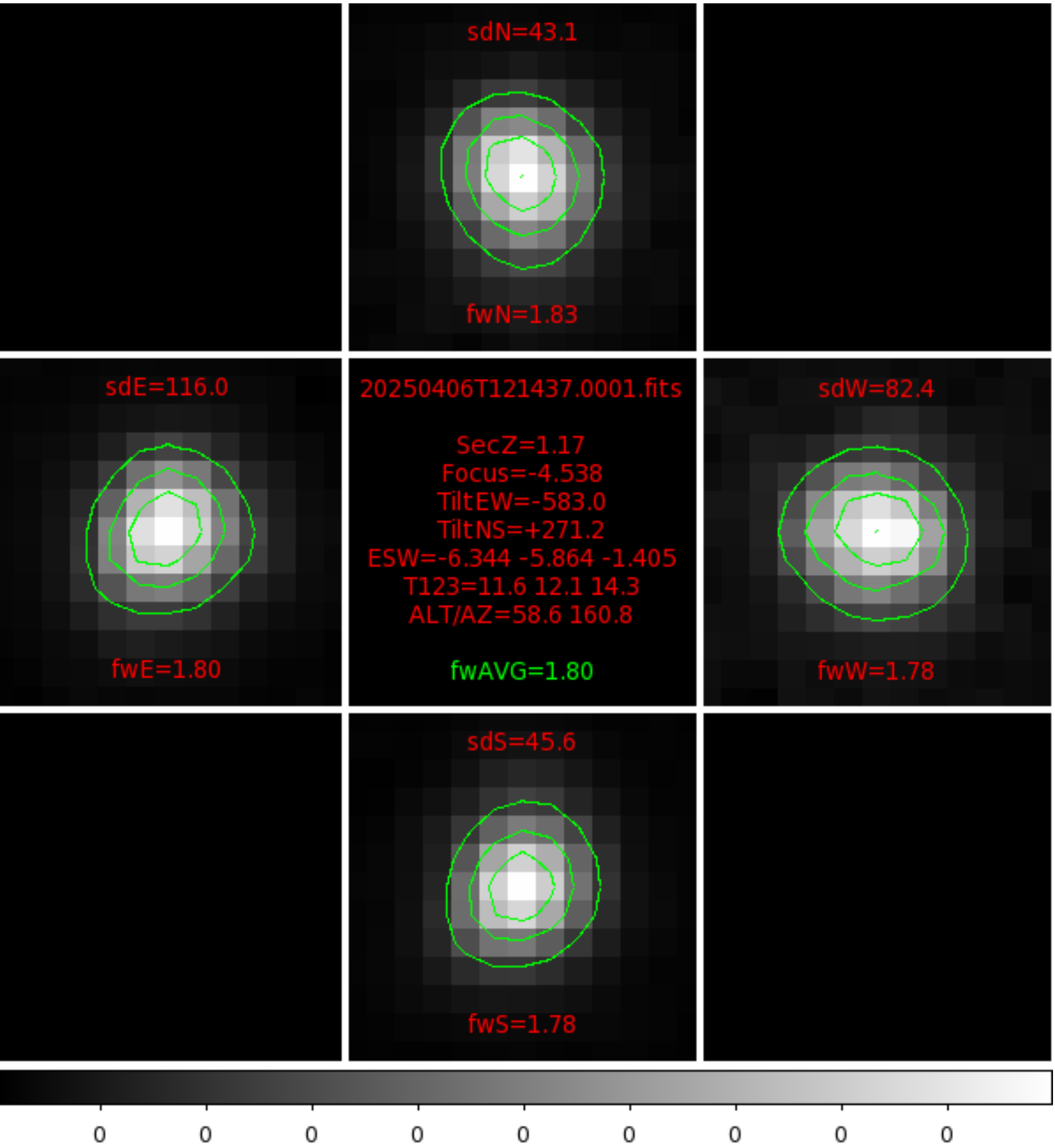
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SecZ=1.17
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=58.6 160.8
fwAVG=1.80
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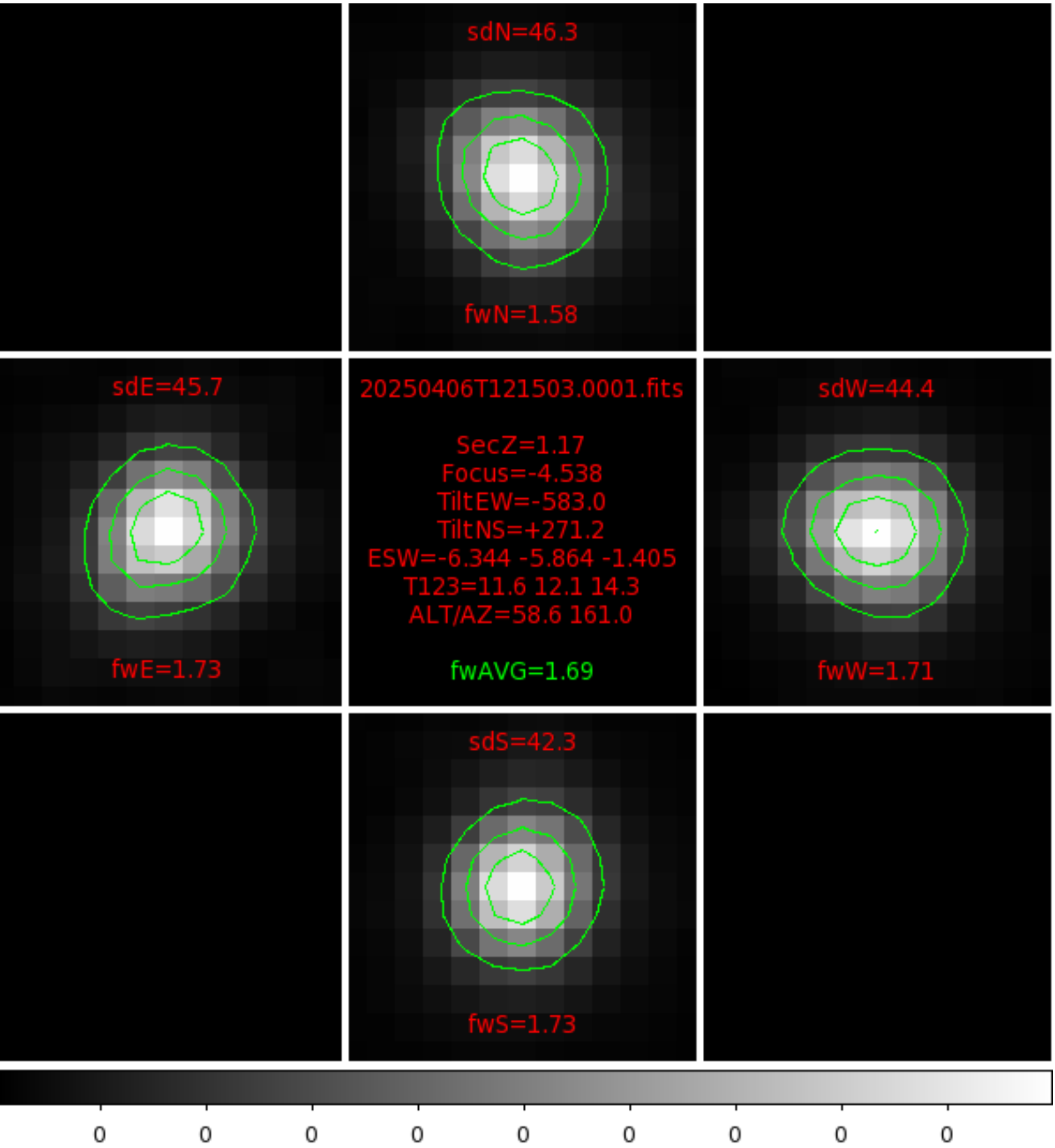
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SecZ=1.17
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=58.6 161.0
fwAVG=1.69
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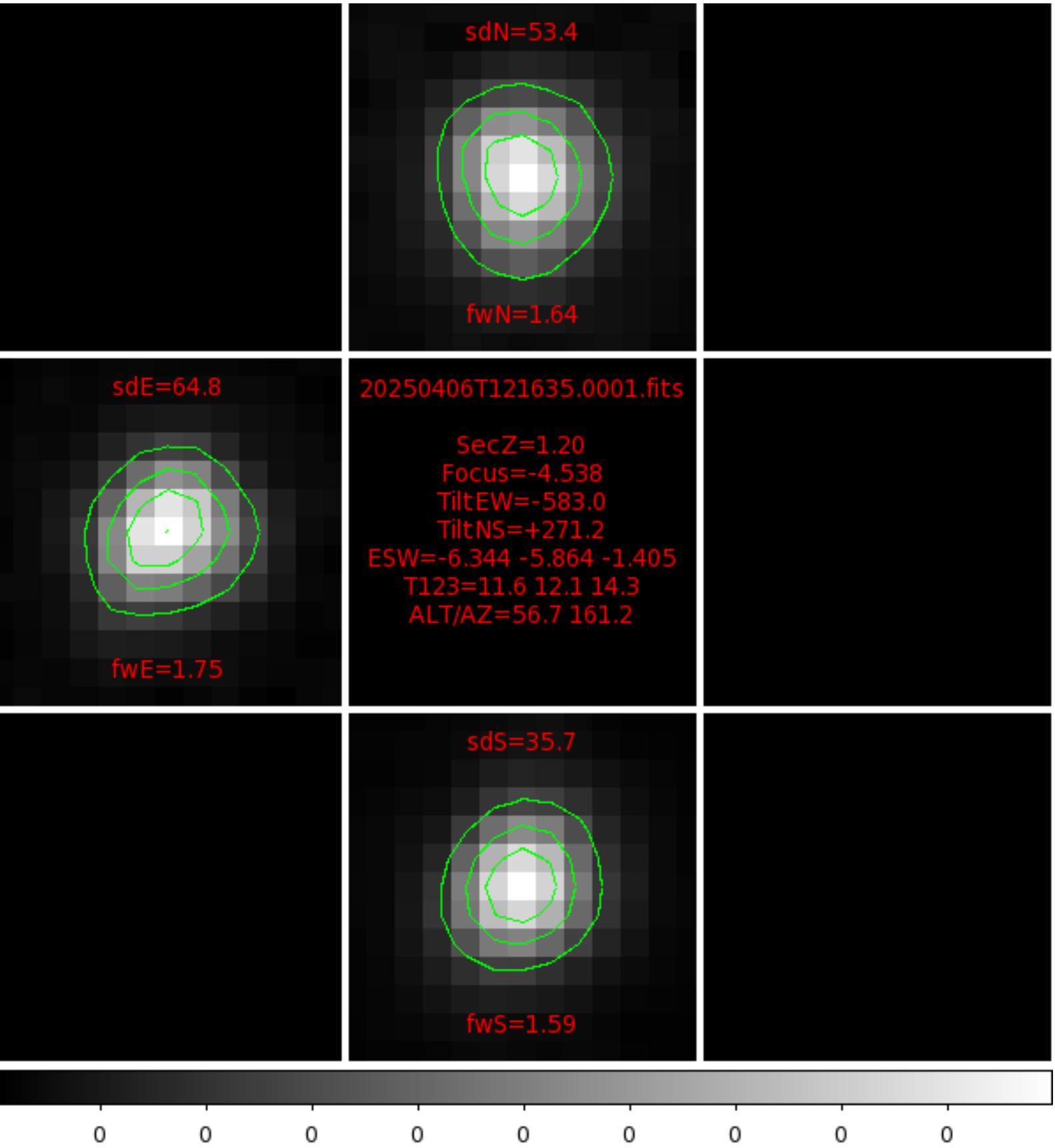
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SecZ=1.20
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
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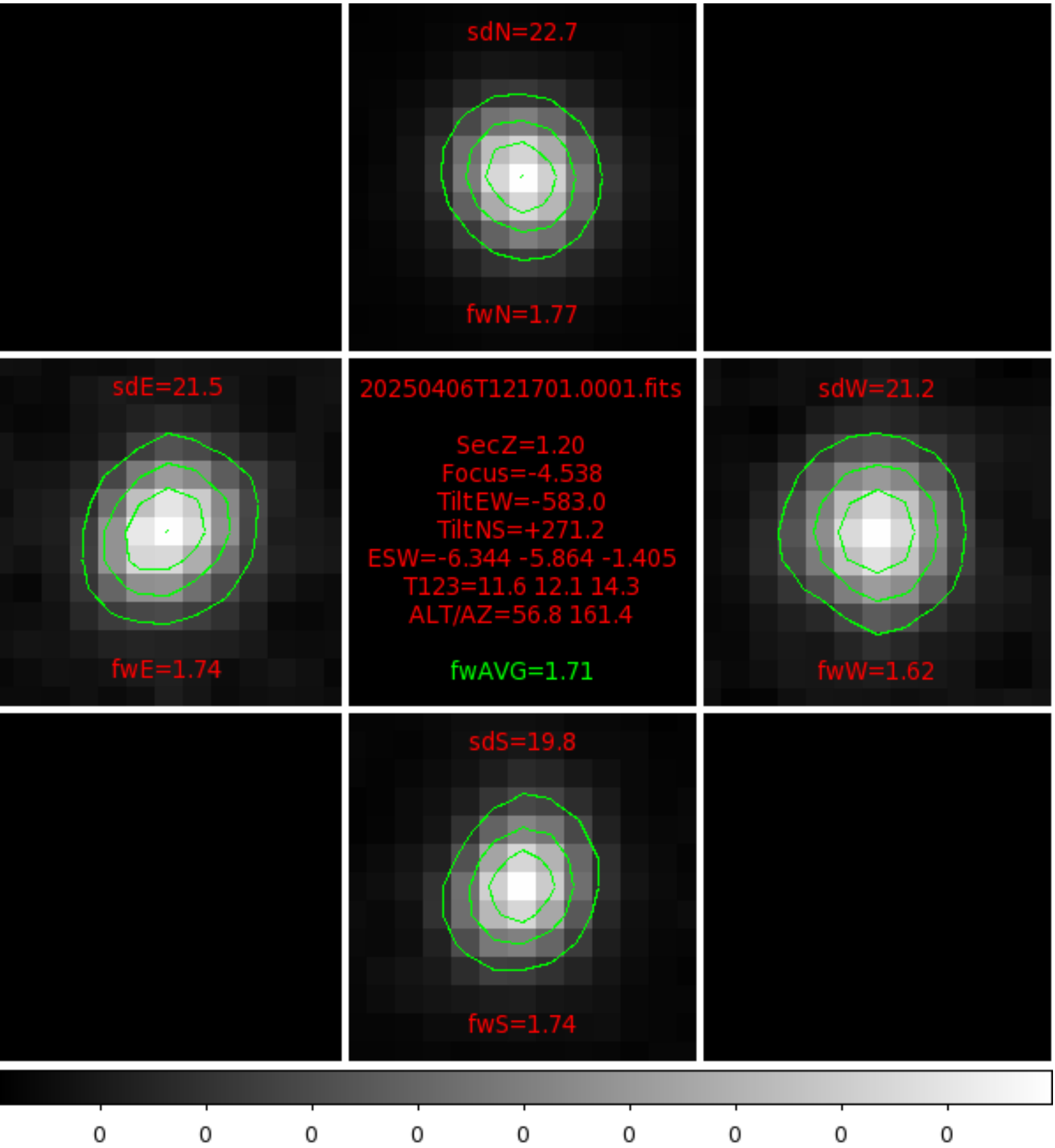
sdN=22.7
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sdE=21.5
fwE=1.74
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SecZ=1.20
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TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=56.8 161.4
fwAVG=1.71
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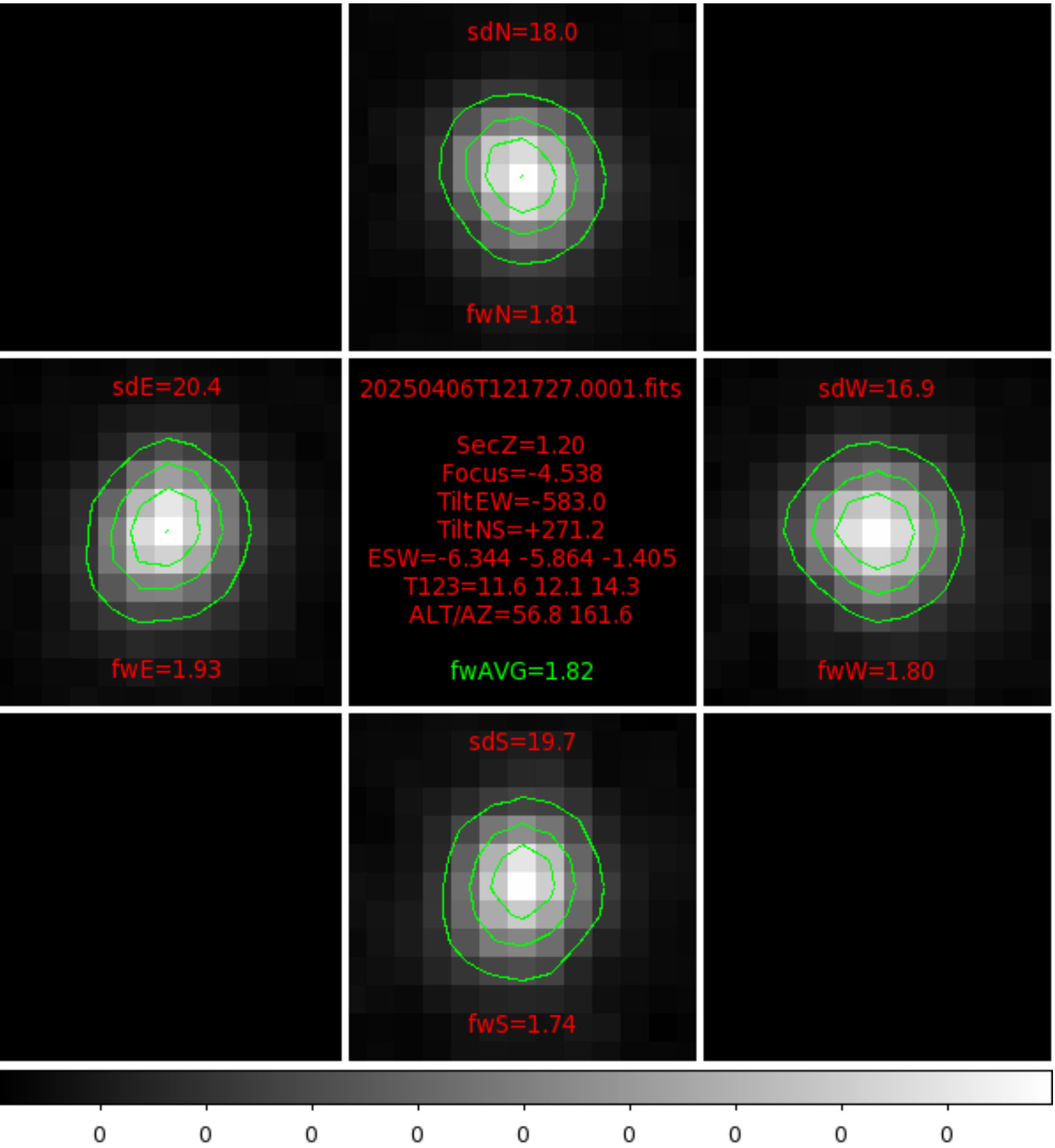
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SecZ=1.20
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=56.8 161.6
fwAVG=1.82
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sdS=19.7
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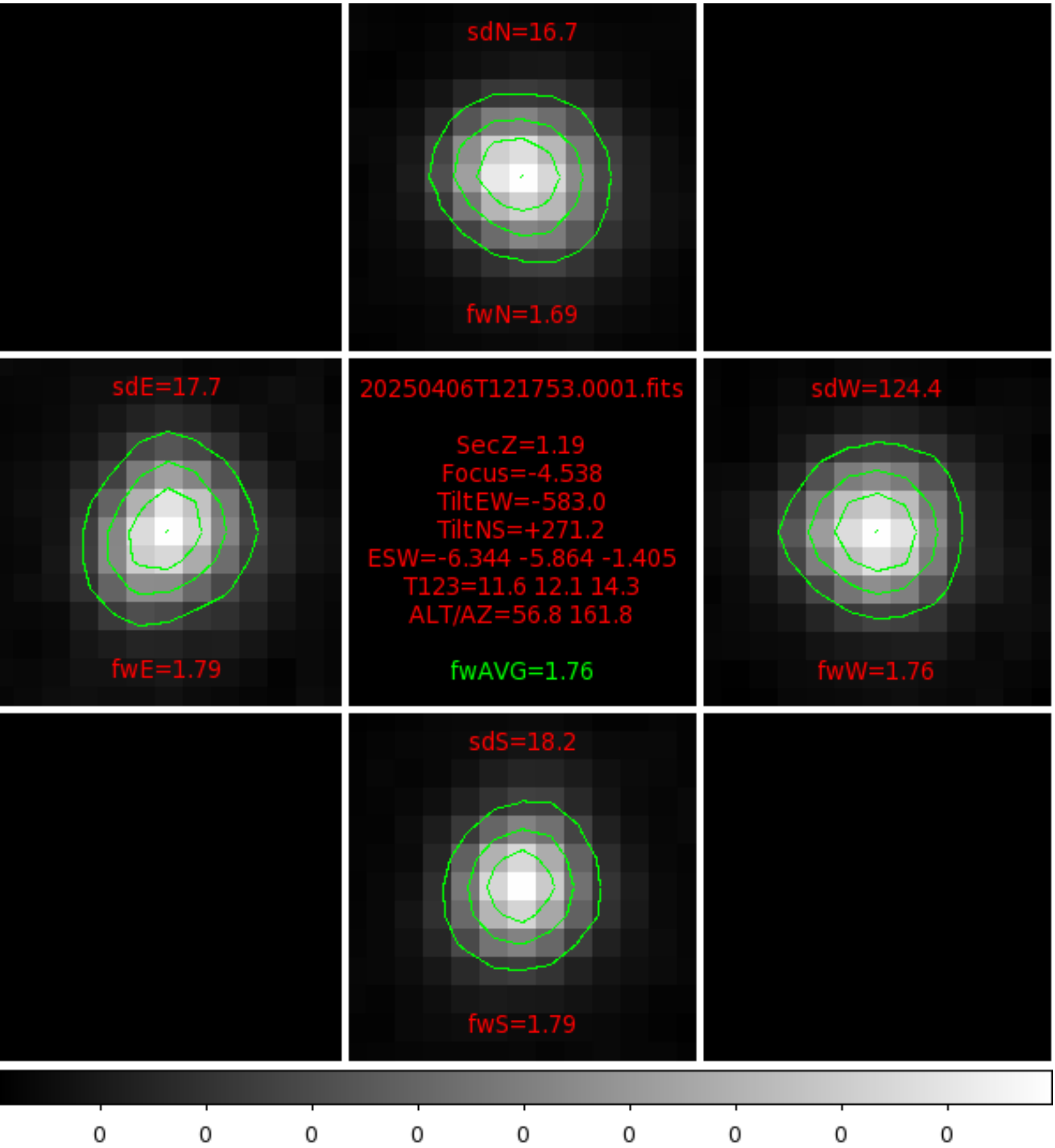
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ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=56.8 161.8
fwAVG=1.76
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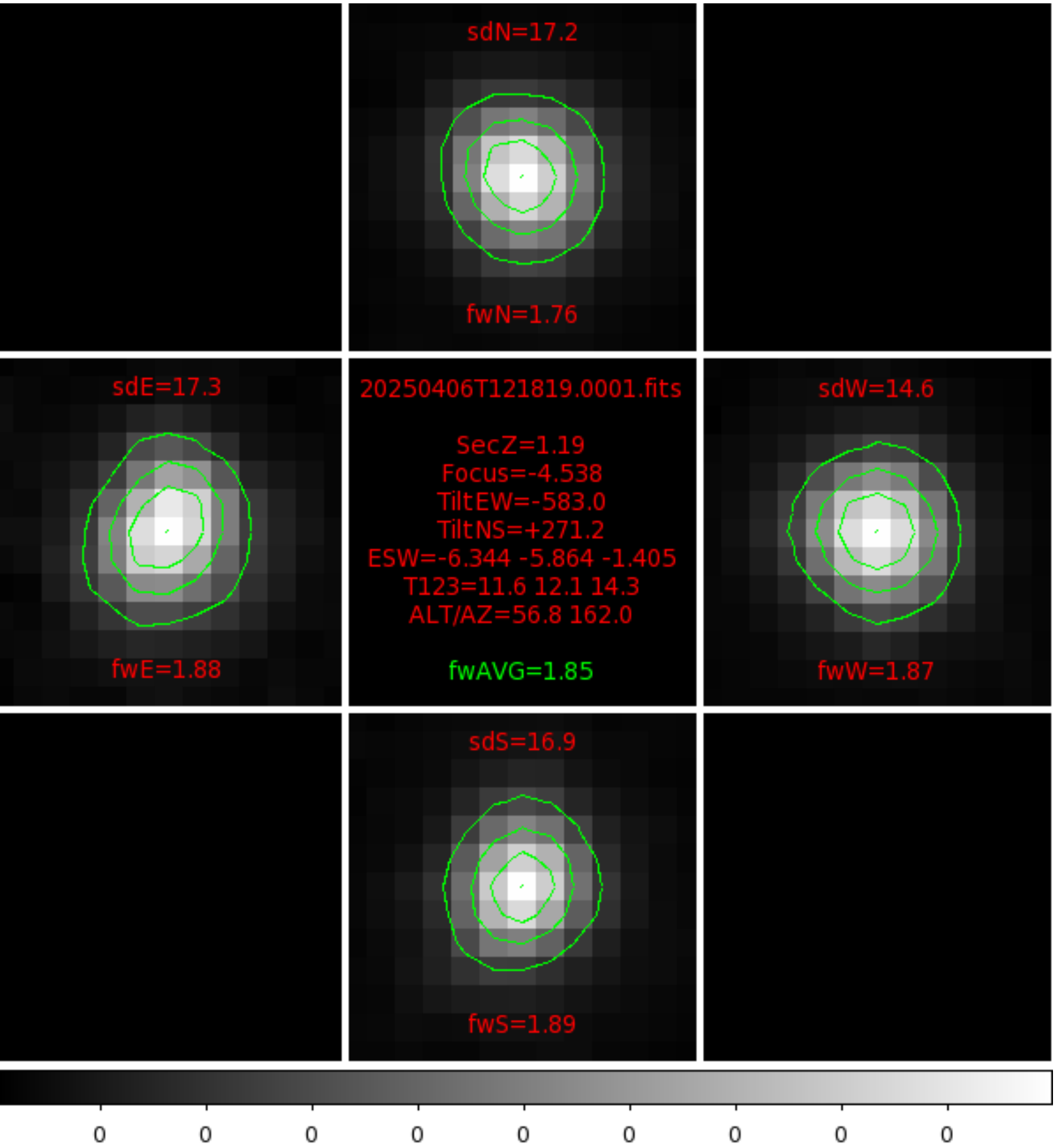
sdN=17.2
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SecZ=1.19
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.1 14.3
ALT/AZ=56.8 162.0
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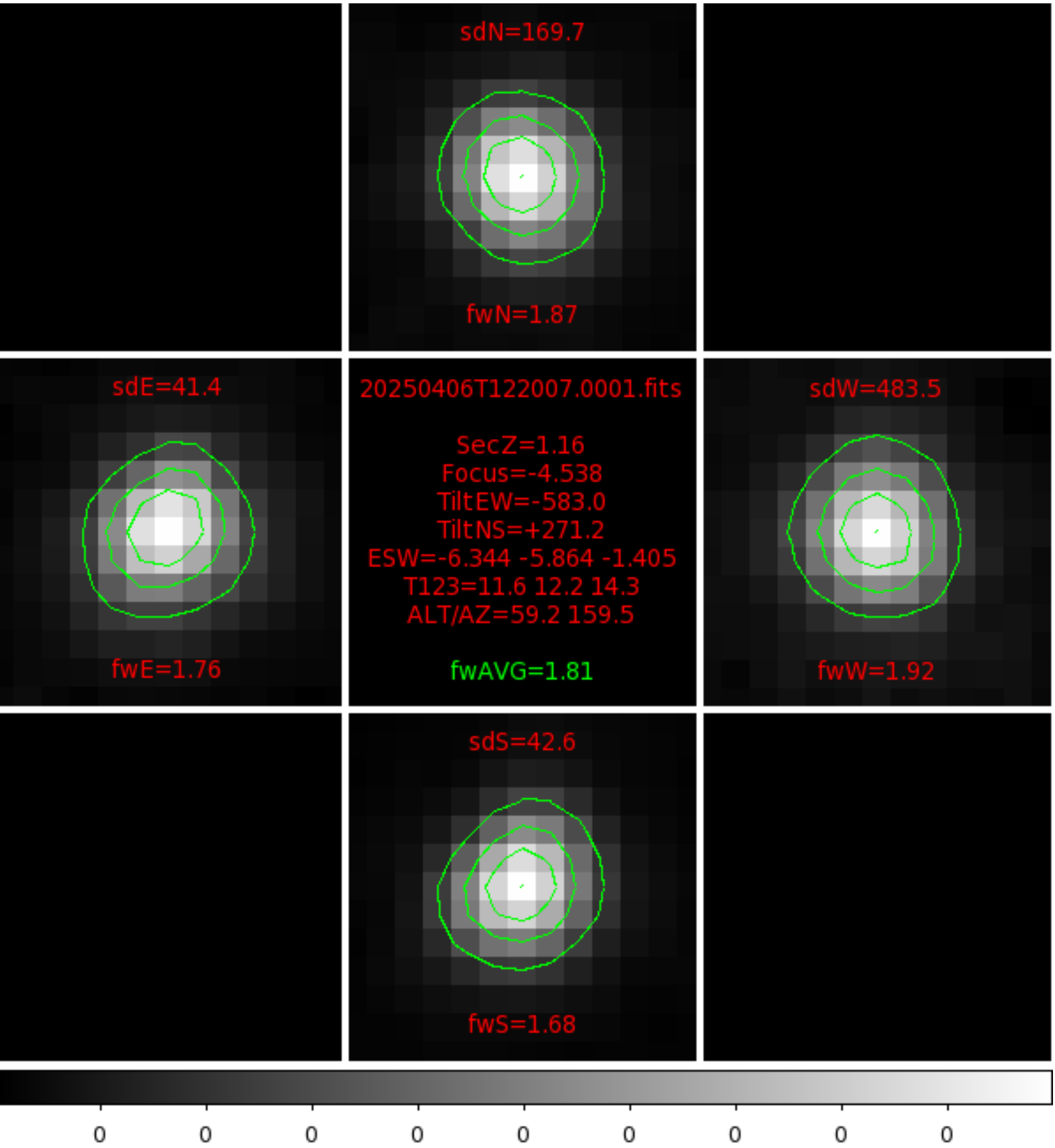
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SecZ=1.16
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.2 14.3
ALT/AZ=59.2 159.5
fwAVG=1.81
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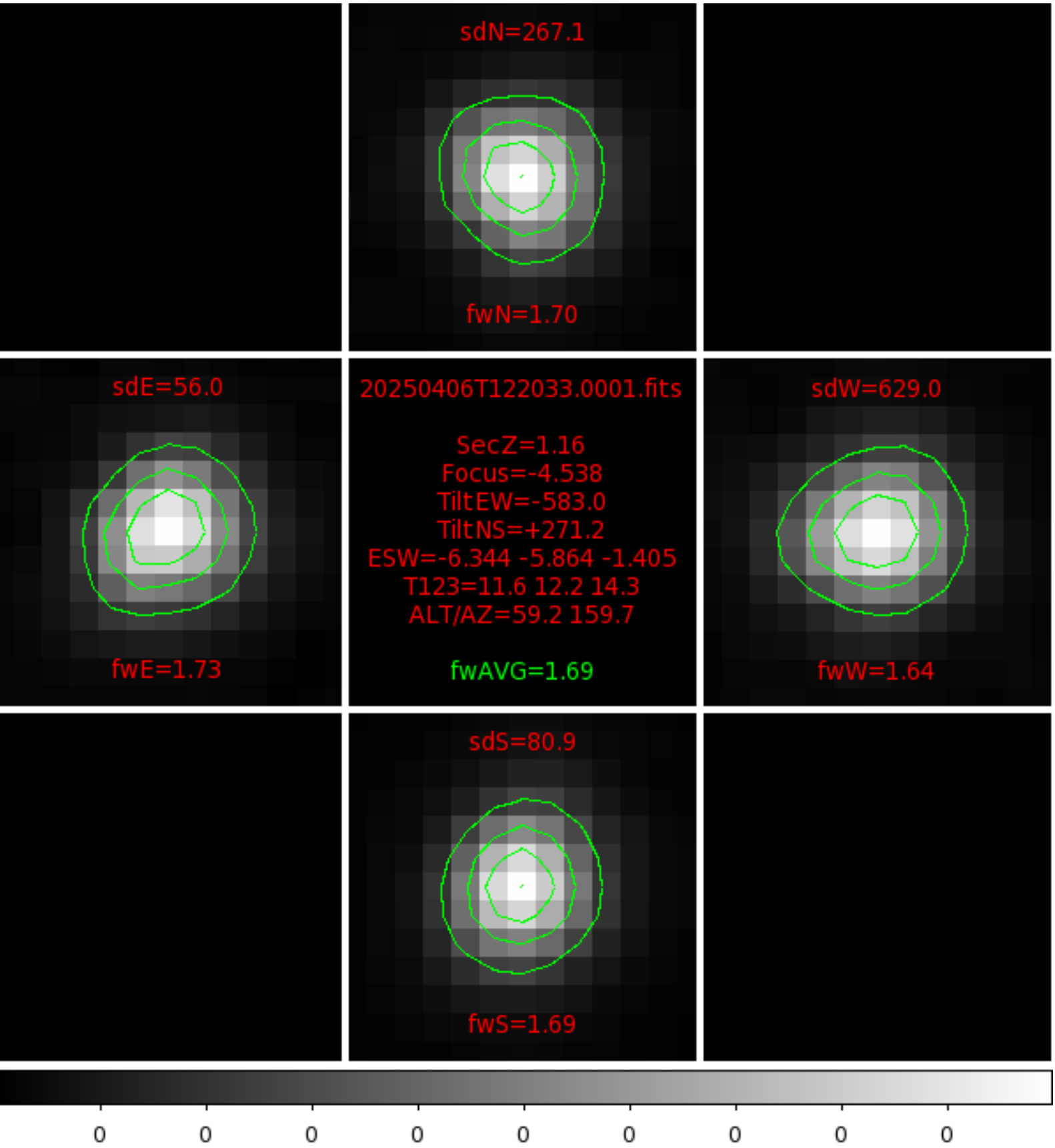
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SecZ=1.16
Focus=-4.538
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.6 12.2 14.3
ALT/AZ=59.2 159.7
fwAVG=1.69
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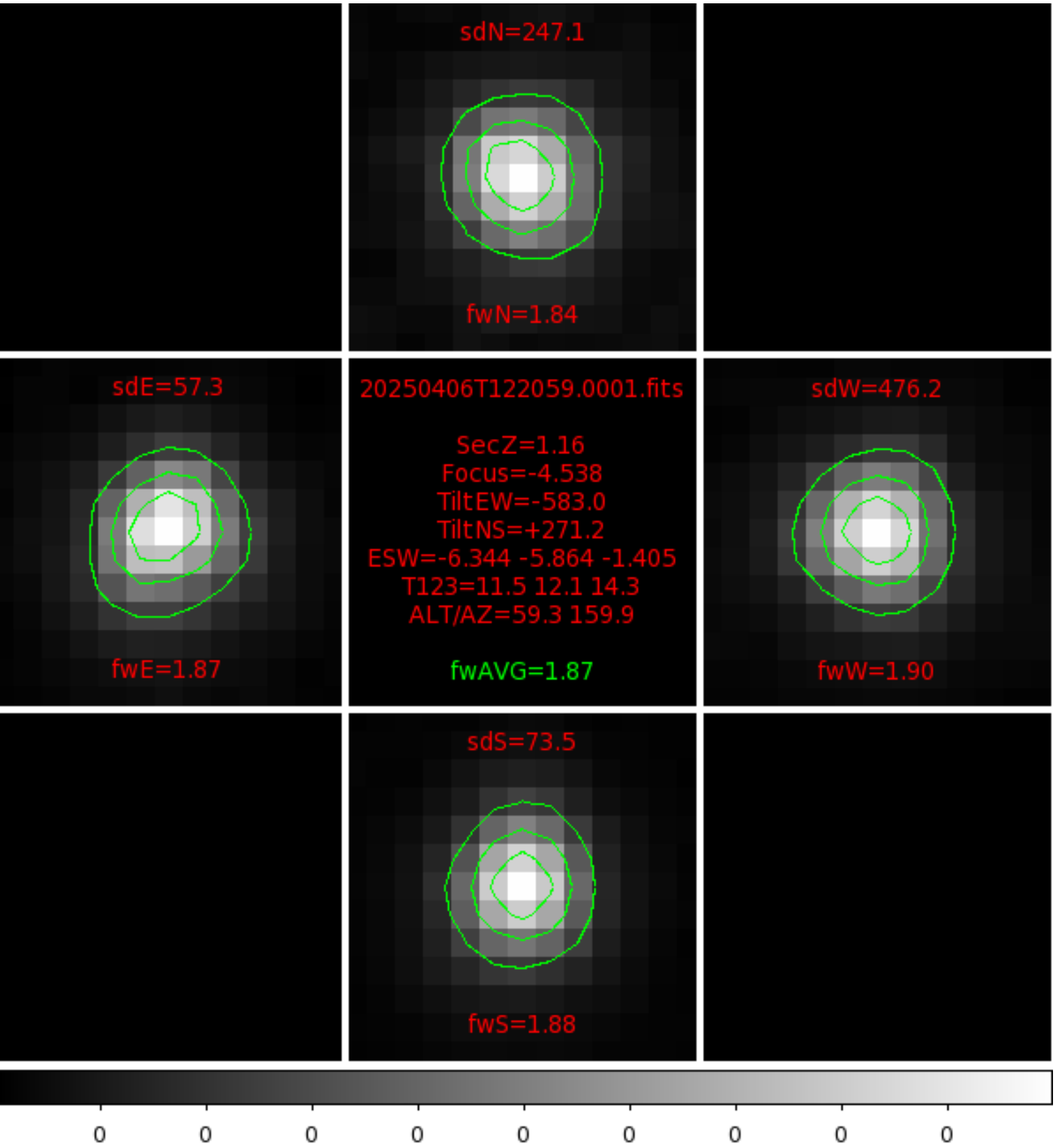
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SecZ=1.16
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TiltNS=+271.2
ESW=-6.344 -5.864 -1.405
T123=11.5 12.1 14.3
ALT/AZ=59.3 159.9
fwAVG=1.87
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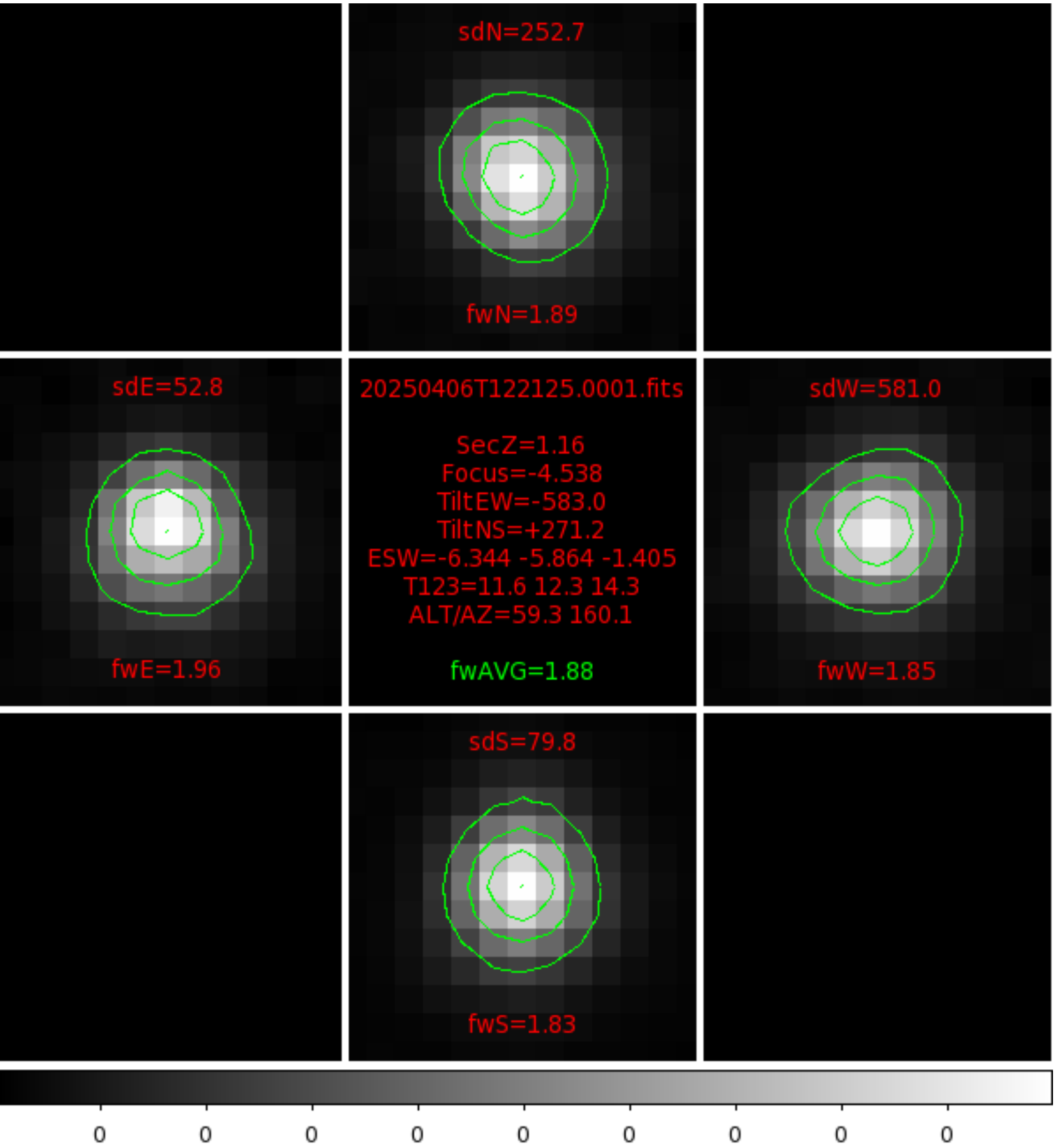
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SecZ=1.16
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ESW=-6.344 -5.864 -1.405
T123=11.6 12.3 14.3
ALT/AZ=59.3 160.1
fwAVG=1.88
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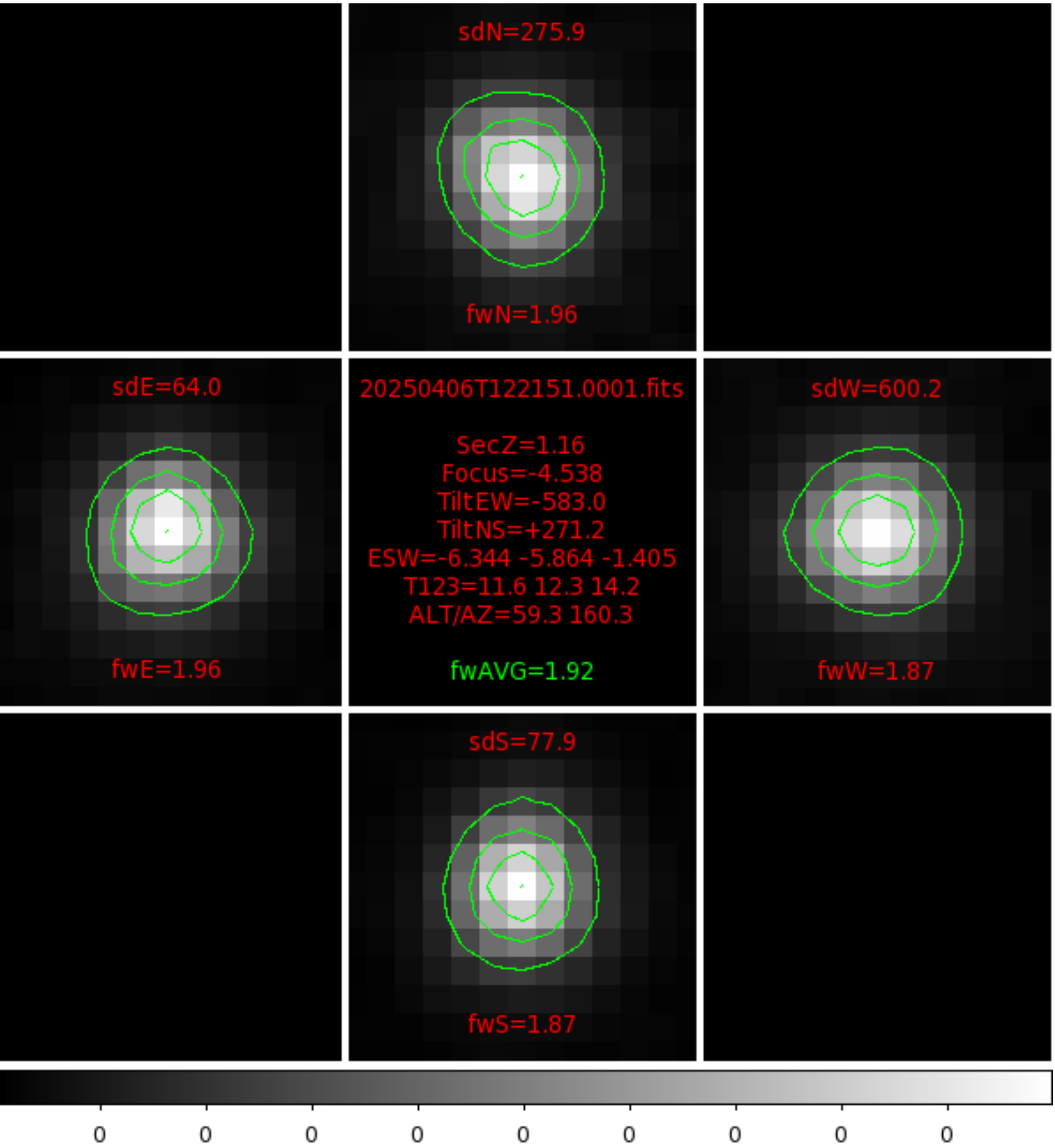
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T123=11.6 12.3 14.2
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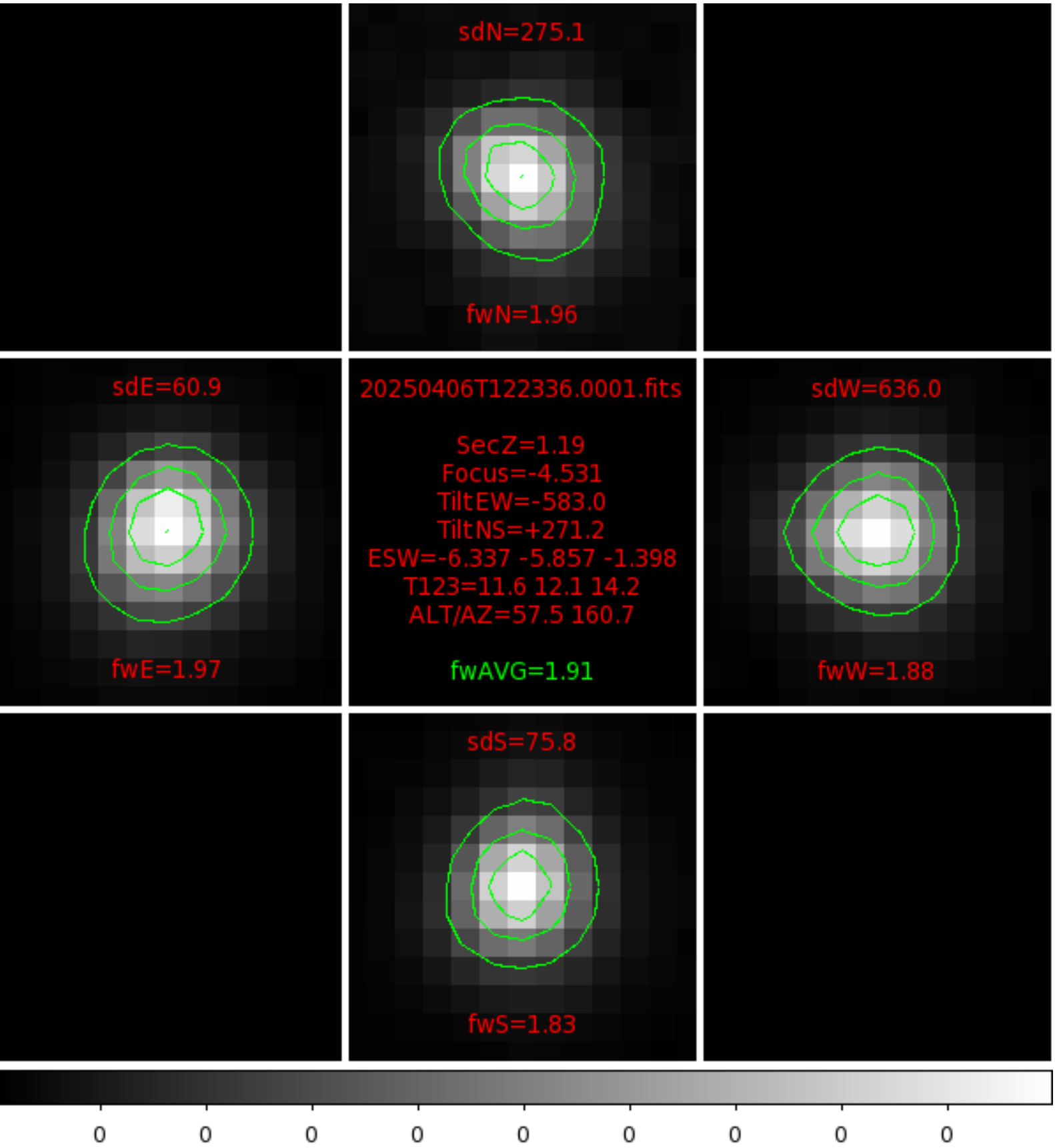
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.6 12.1 14.2
ALT/AZ=57.5 160.7
fwAVG=1.91
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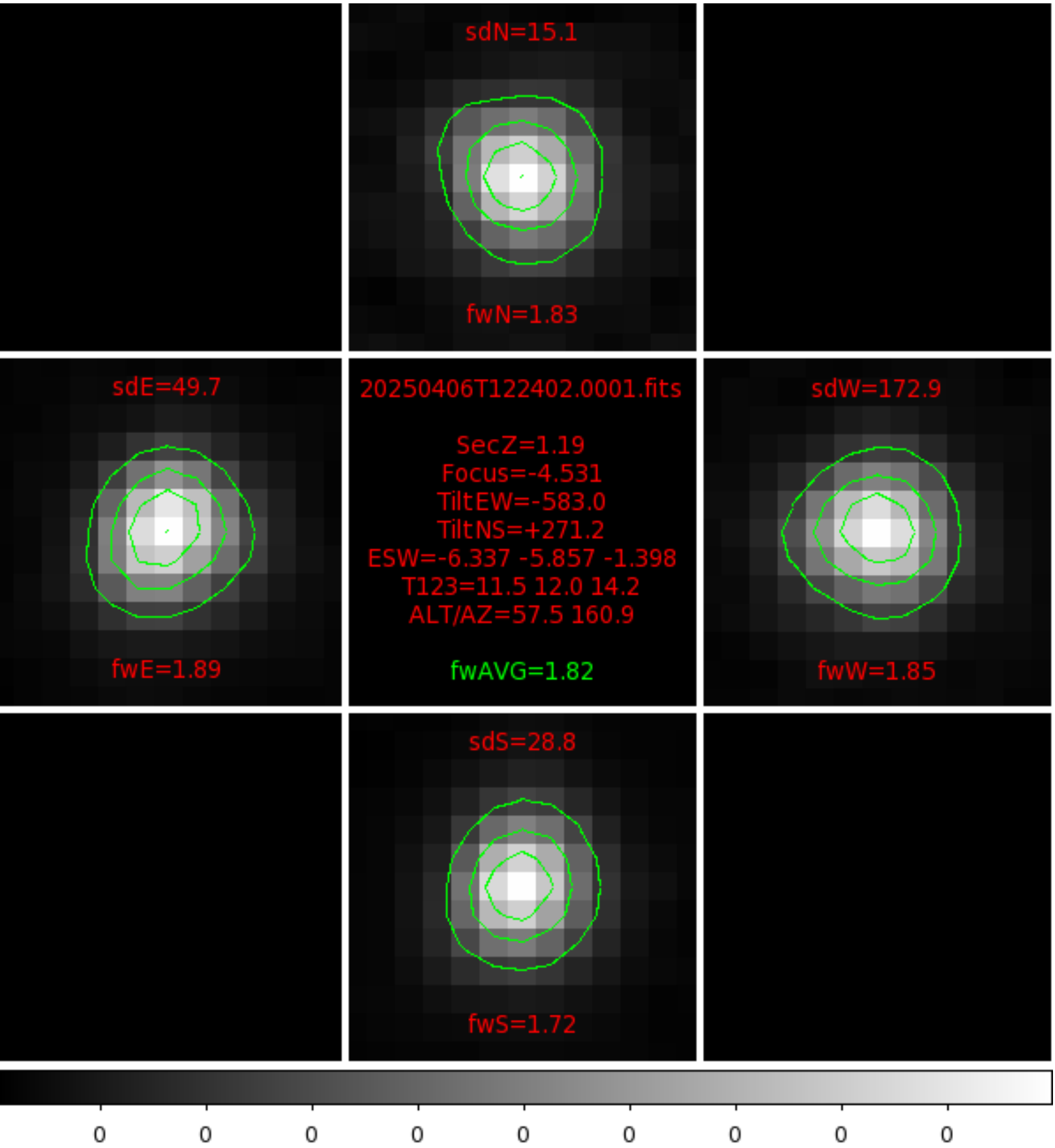
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SecZ=1.19
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.0 14.2
ALT/AZ=57.5 160.9
fwAVG=1.82
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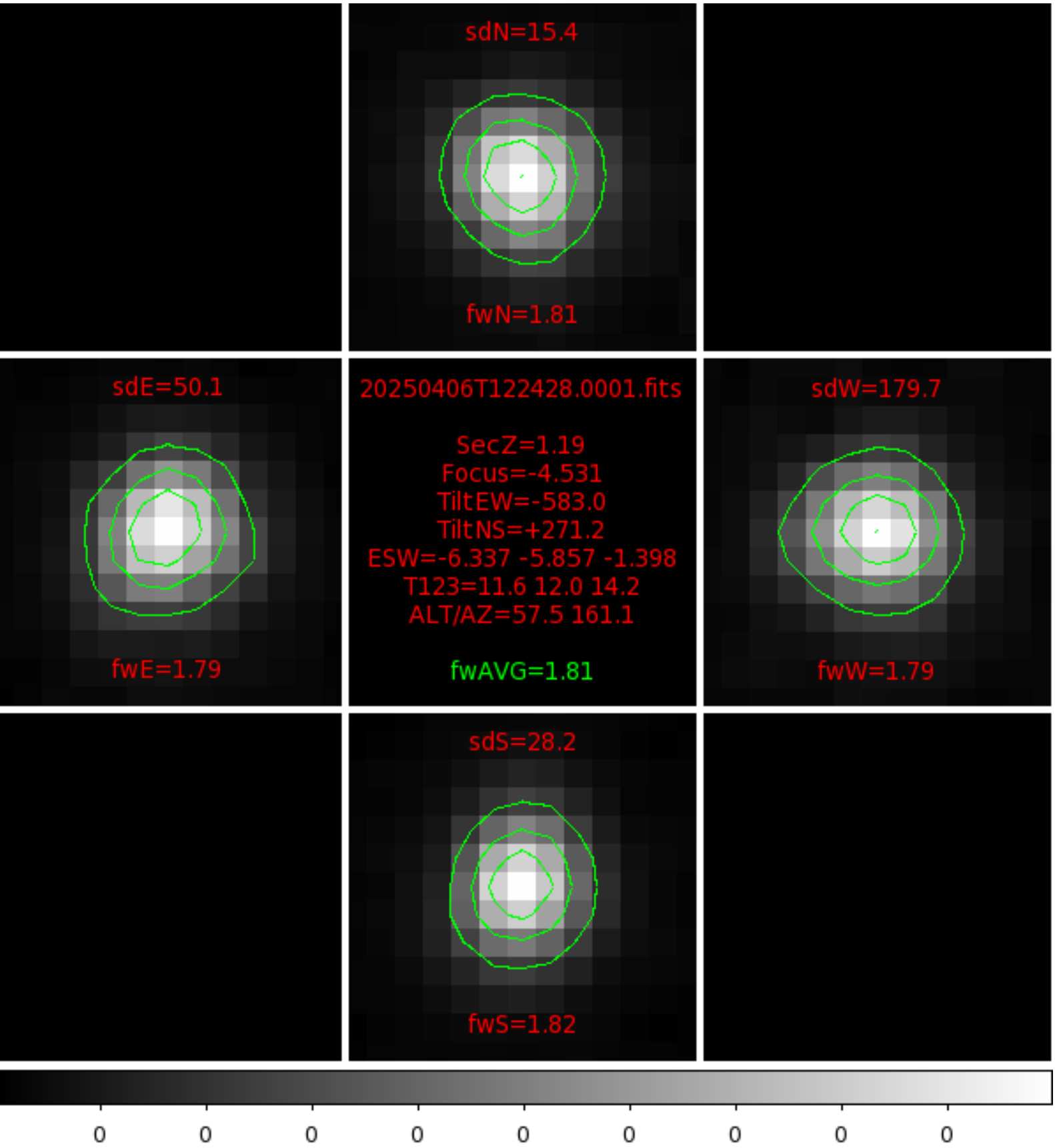
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fwE=1.79
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SecZ=1.19
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.6 12.0 14.2
ALT/AZ=57.5 161.1
fwAVG=1.81
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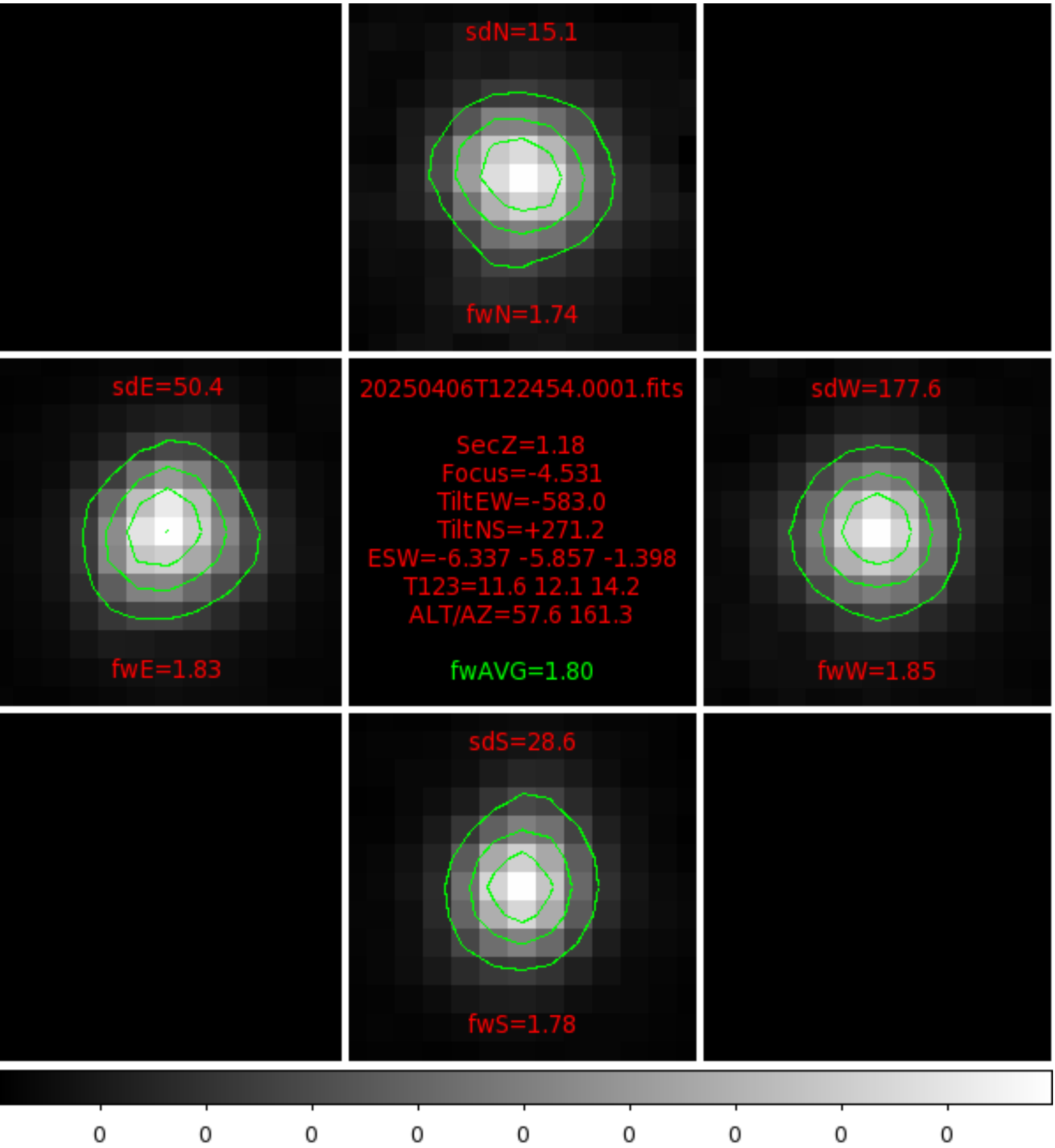
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SecZ=1.18
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.6 12.1 14.2
ALT/AZ=57.6 161.3
fwAVG=1.80
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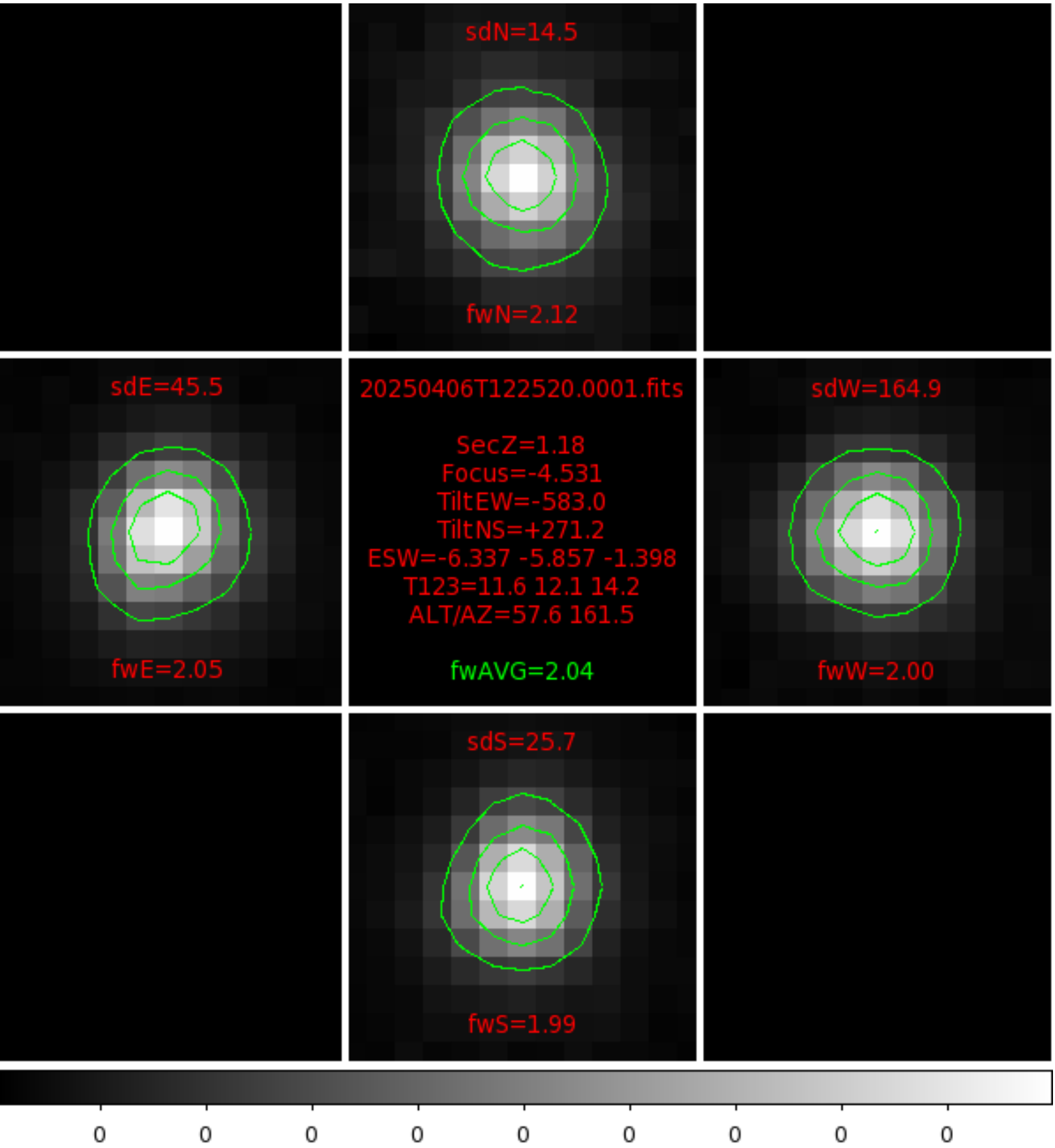
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SecZ=1.18
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.6 12.1 14.2
ALT/AZ=57.6 161.5
fwAVG=2.04
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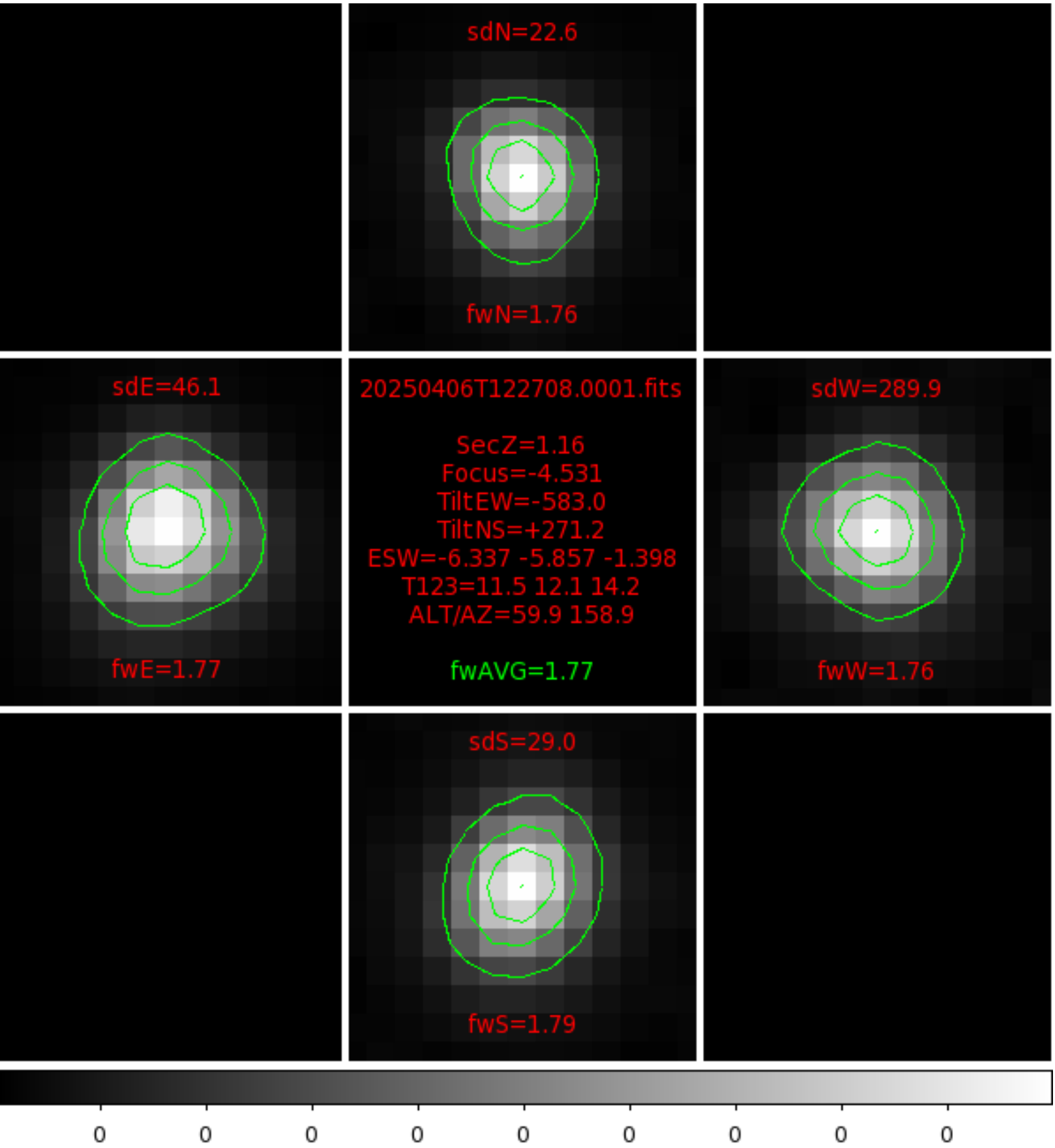
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SecZ=1.16
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.1 14.2
ALT/AZ=59.9 158.9
fwAVG=1.77
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fwW=1.76
sdS=29.0
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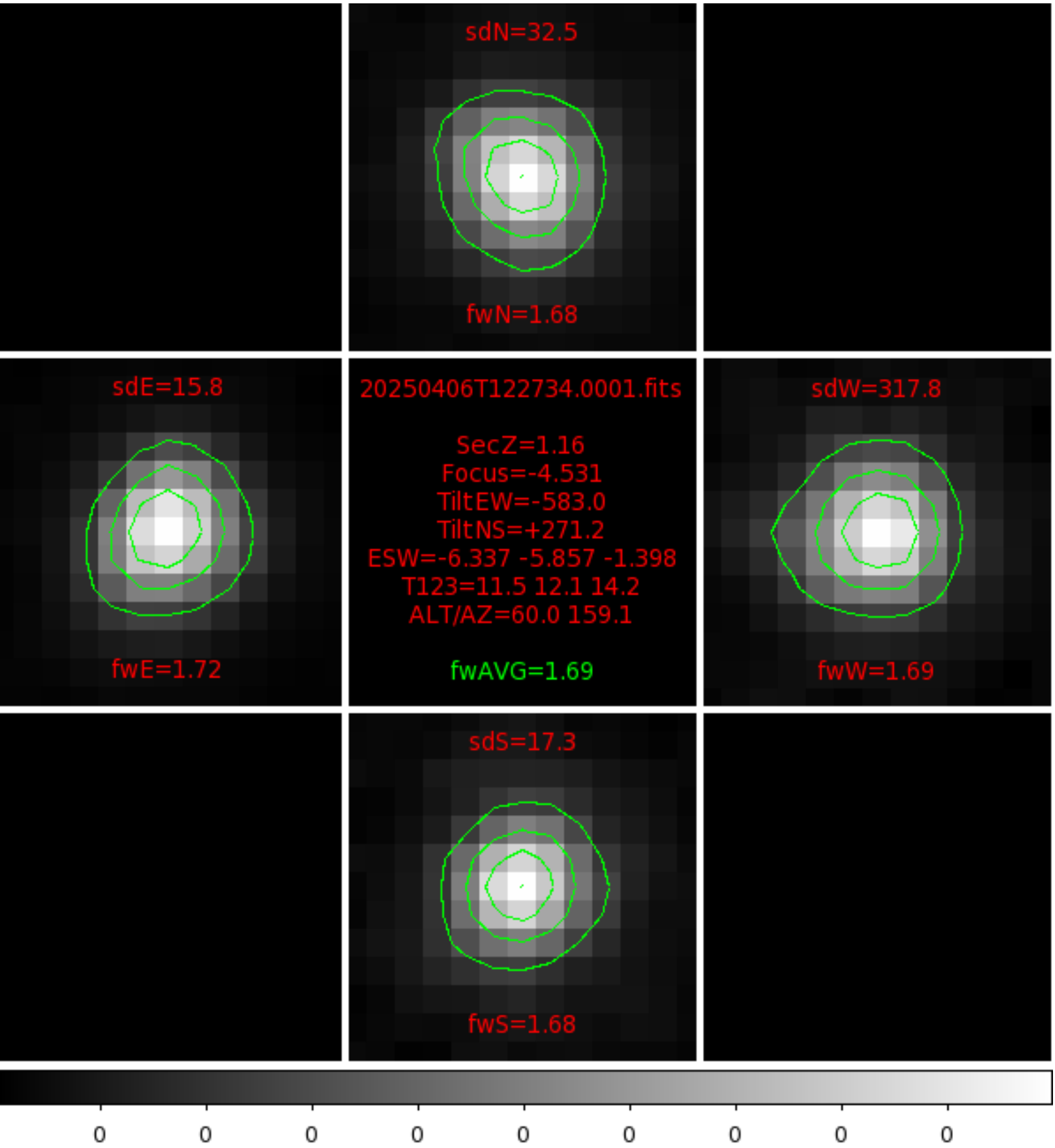
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SecZ=1.16
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.1 14.2
ALT/AZ=60.0 159.1
fwAVG=1.69
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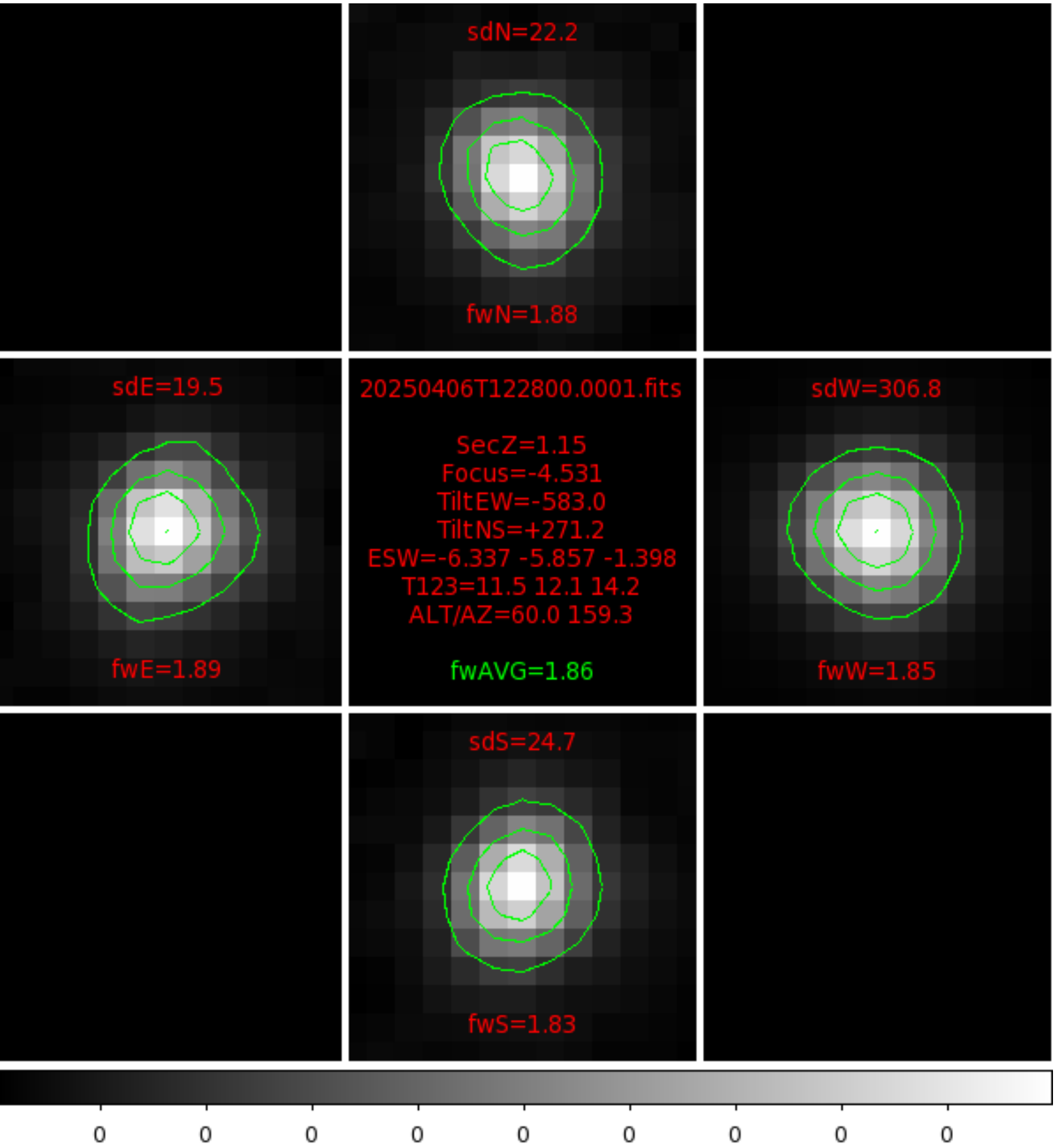
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Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.1 14.2
ALT/AZ=60.0 159.3
fwAVG=1.86
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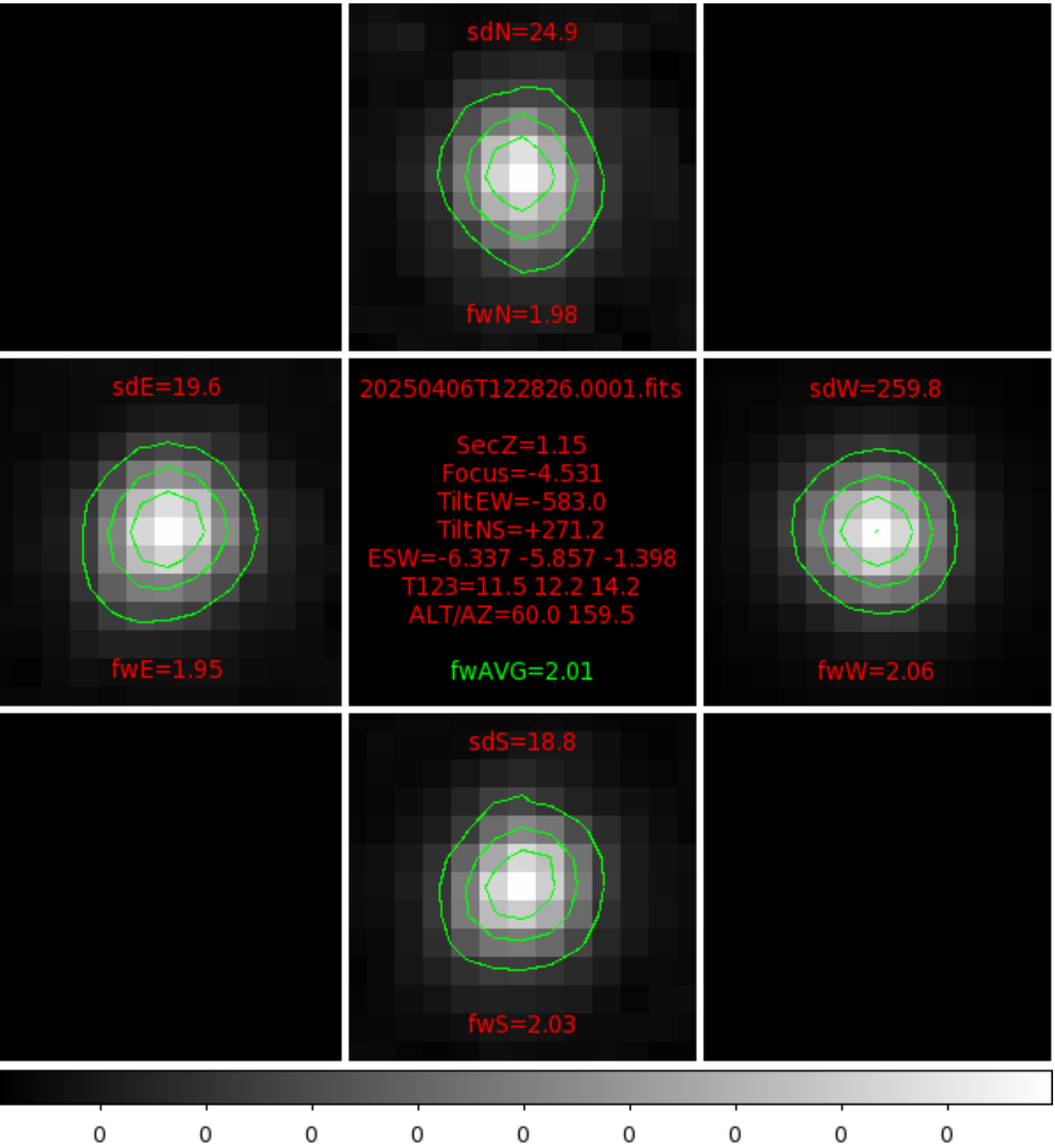
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SecZ=1.15
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.2 14.2
ALT/AZ=60.0 159.5
fwAVG=2.01
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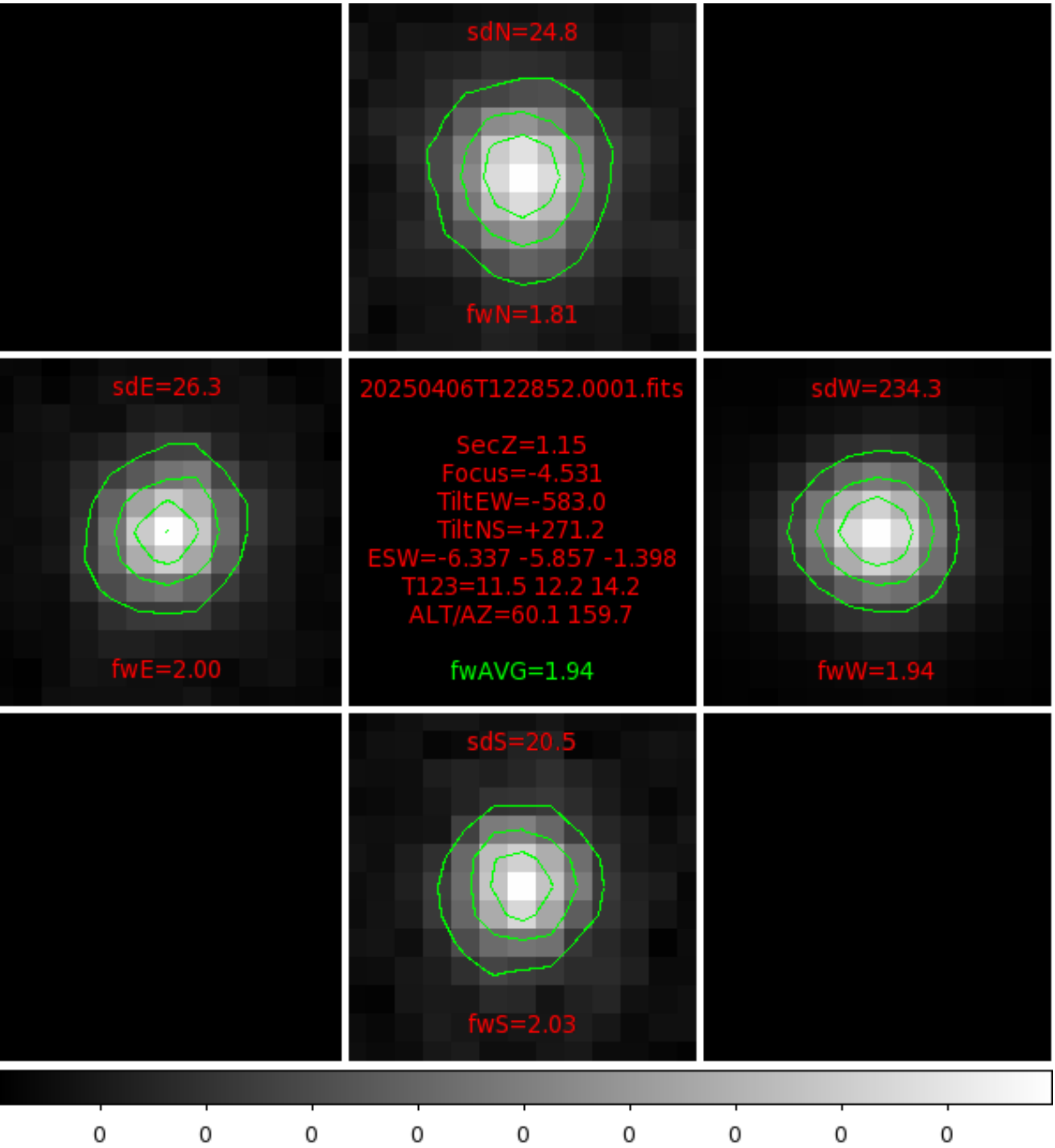
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fwE=2.00
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SecZ=1.15
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.2 14.2
ALT/AZ=60.1 159.7
fwAVG=1.94
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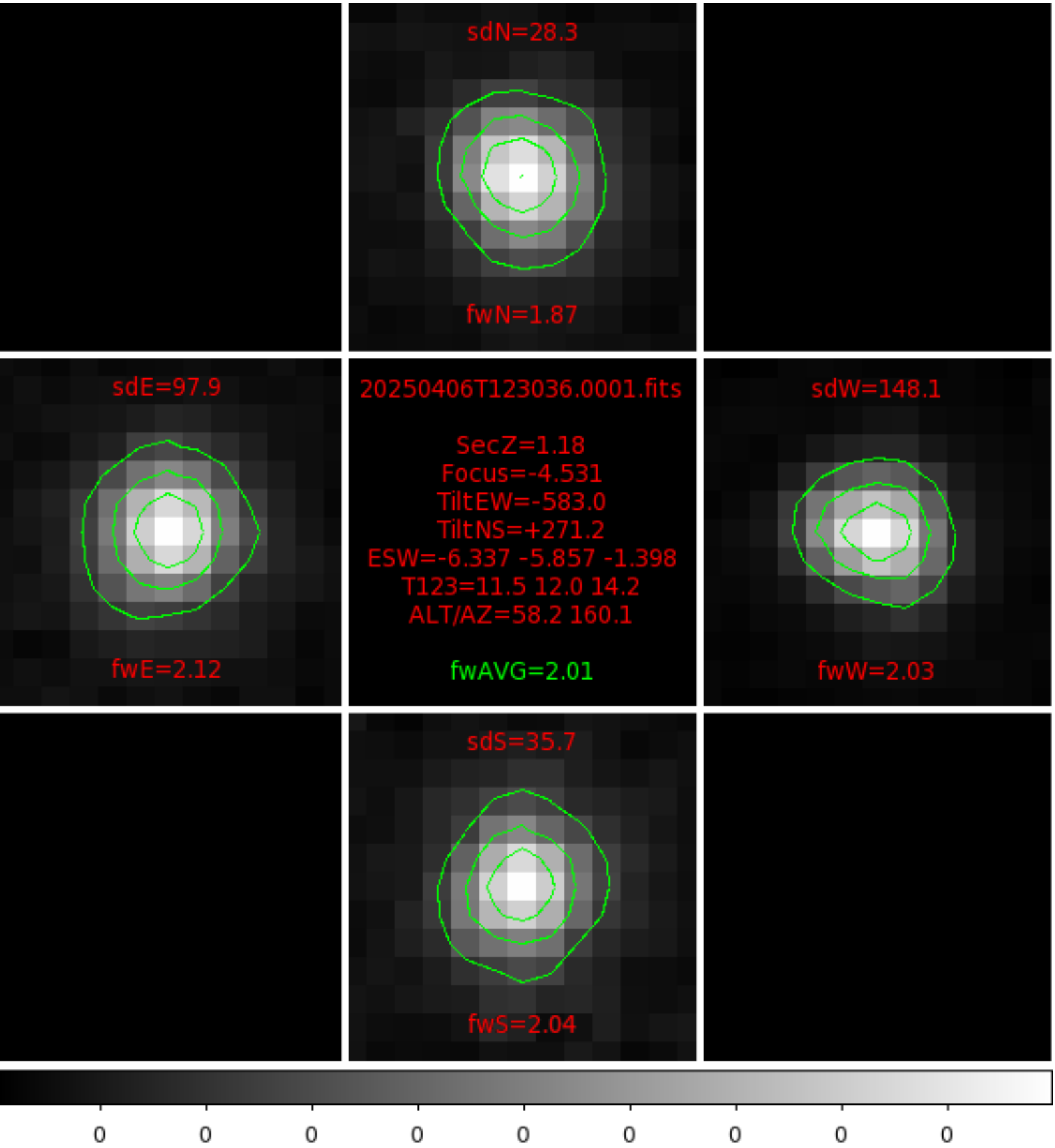
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SecZ=1.18
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.0 14.2
ALT/AZ=58.2 160.1
fwAVG=2.01
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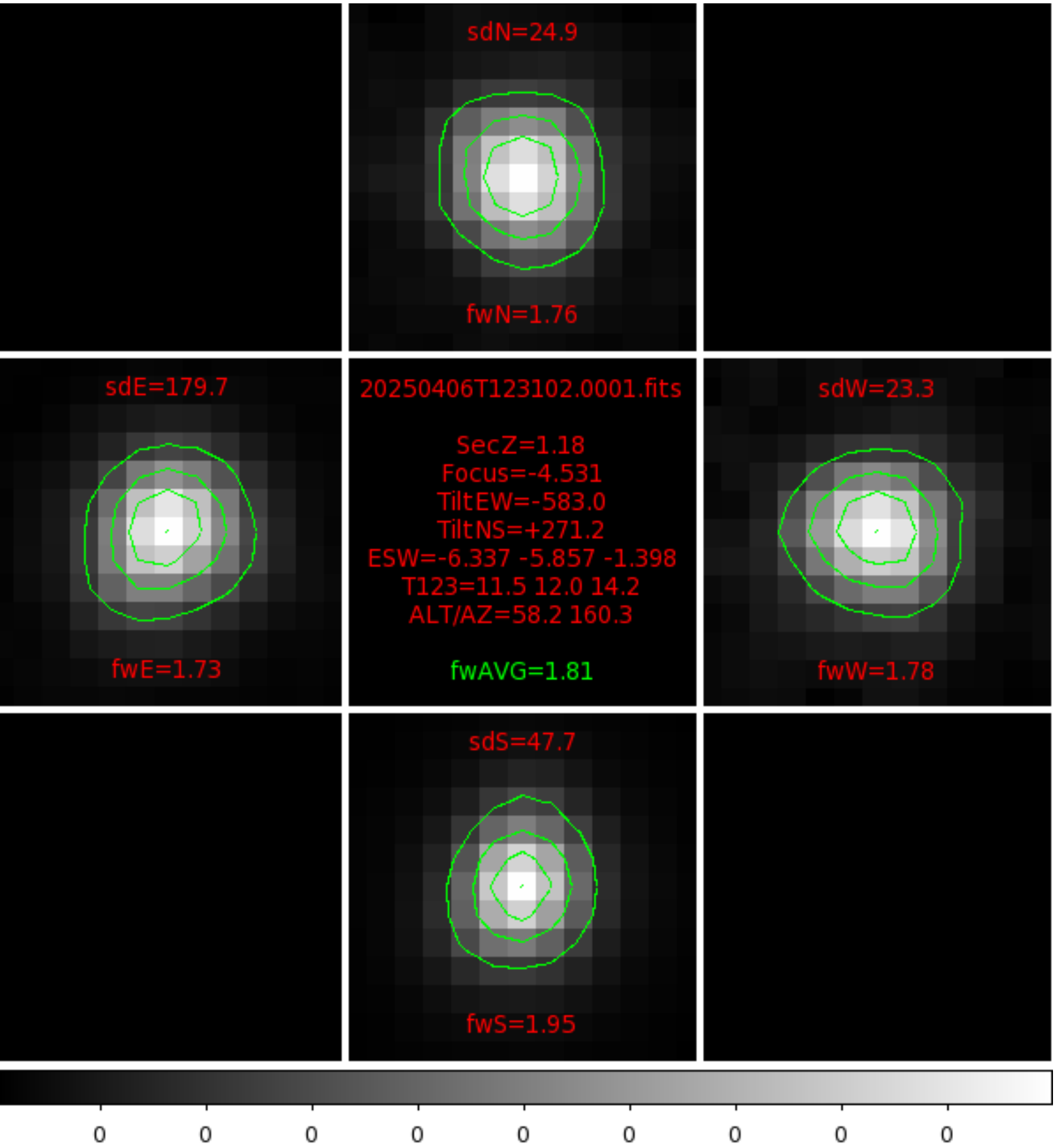
sdN=24.9
fwN=1.76
sdE=179.7
fwE=1.73
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SecZ=1.18
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.0 14.2
ALT/AZ=58.2 160.3
fwAVG=1.81
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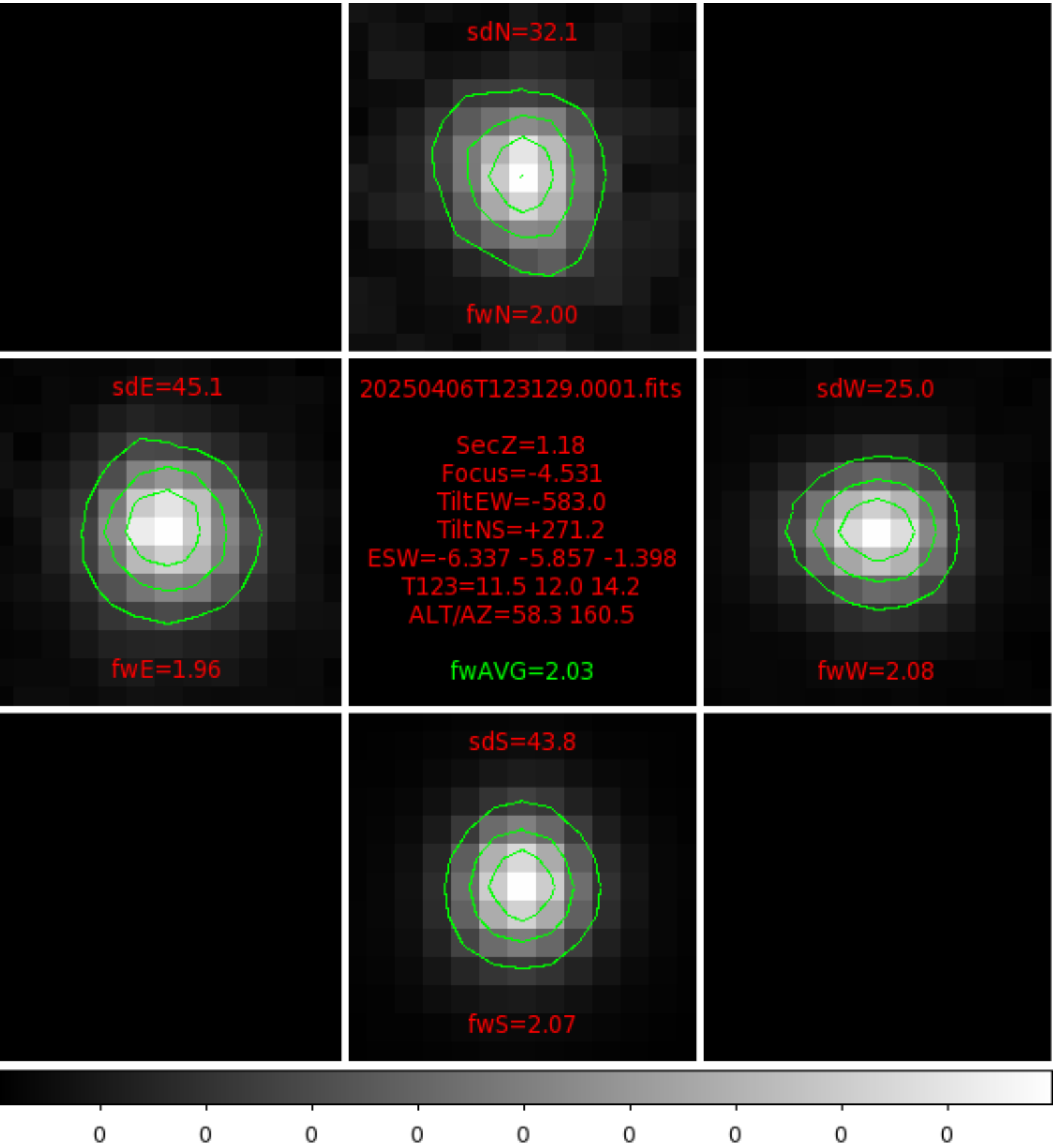
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fwE=1.96
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SecZ=1.18
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.0 14.2
ALT/AZ=58.3 160.5
fwAVG=2.03
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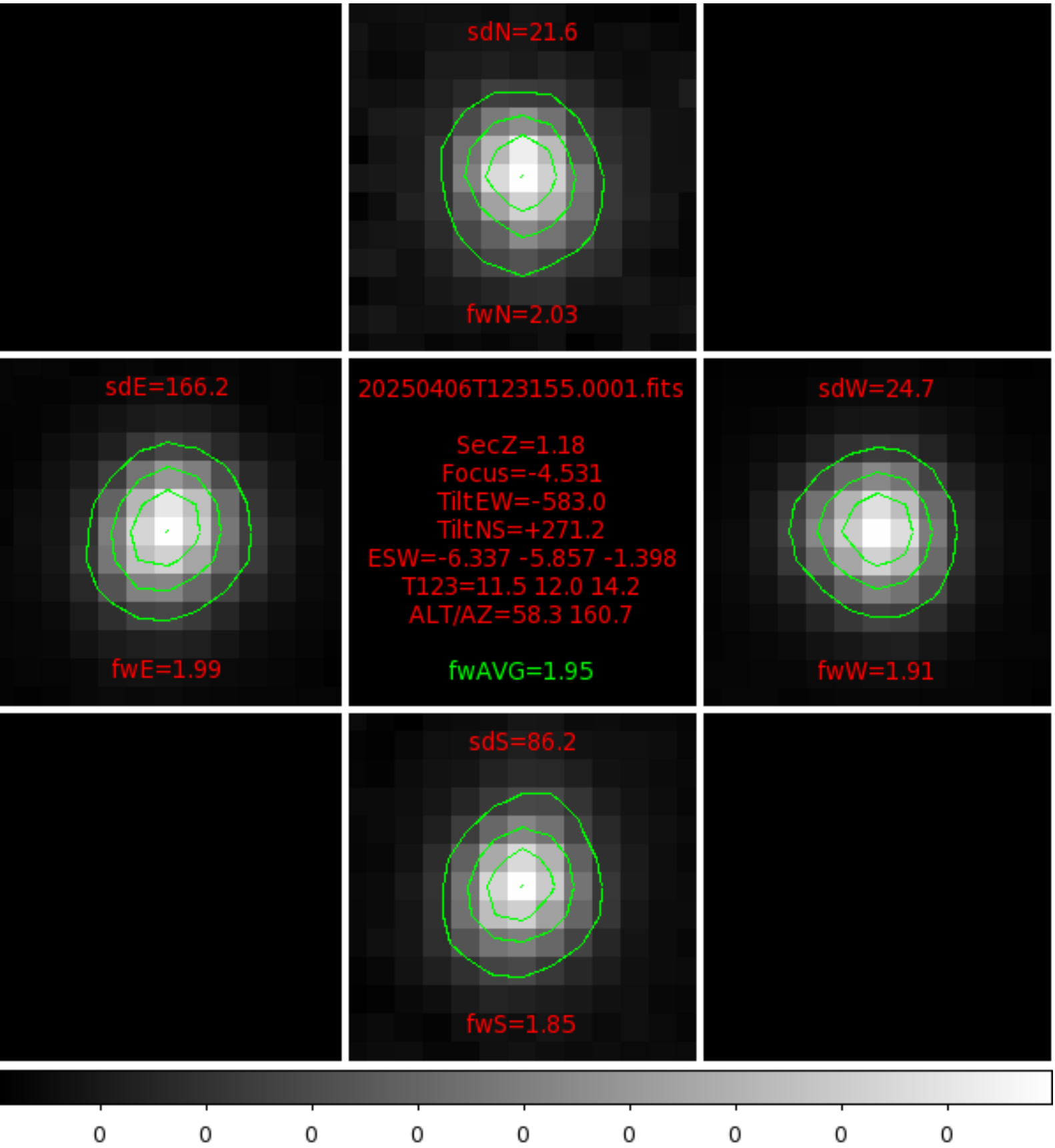
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SecZ=1.18
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.0 14.2
ALT/AZ=58.3 160.7
fwAVG=1.95
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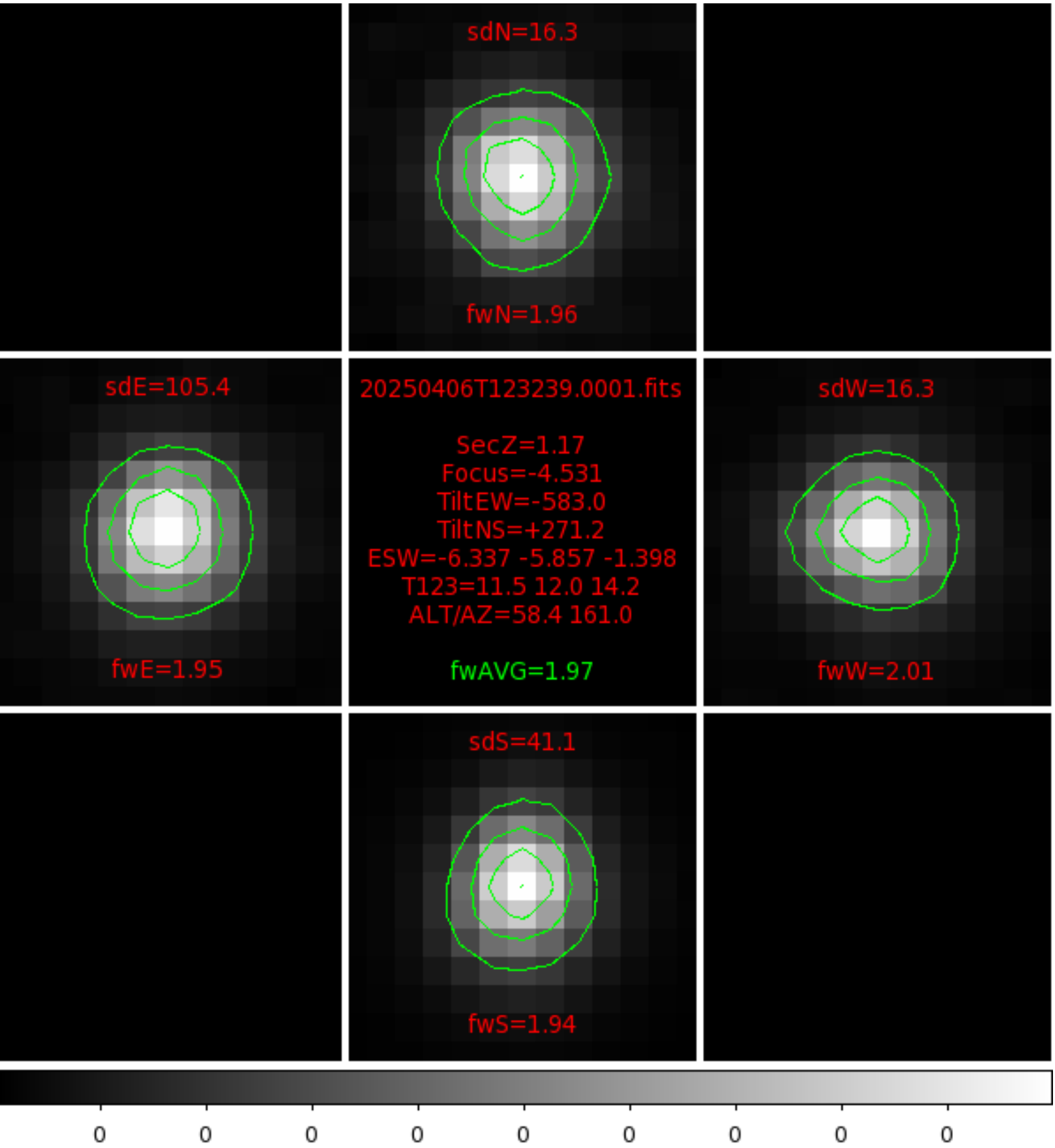
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TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.0 14.2
ALT/AZ=58.4 161.0
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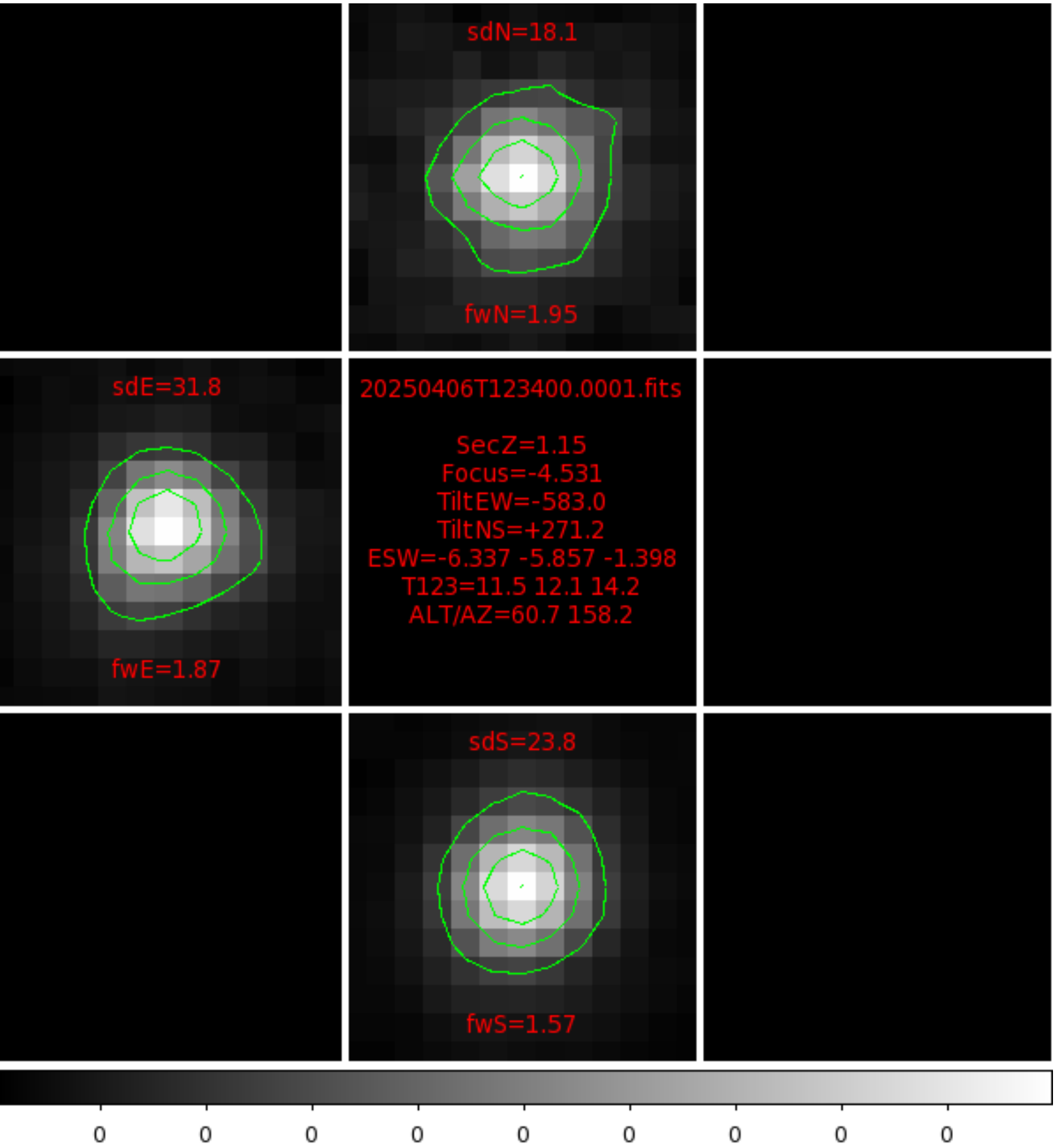
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SecZ=1.15
Focus=-4.531
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TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.1 14.2
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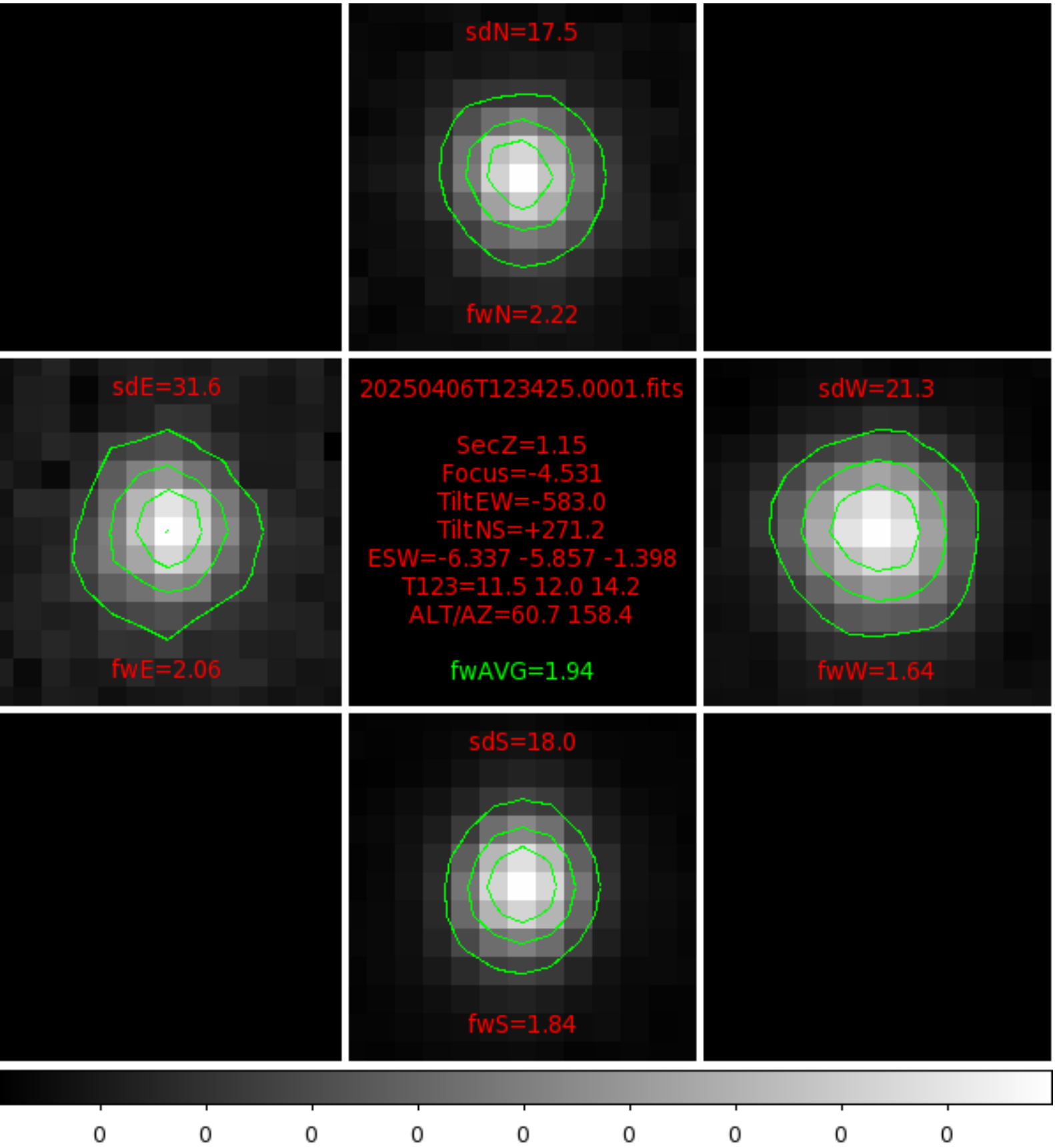
sdN=17.5
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SecZ=1.15
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.0 14.2
ALT/AZ=60.7 158.4
fwAVG=1.94
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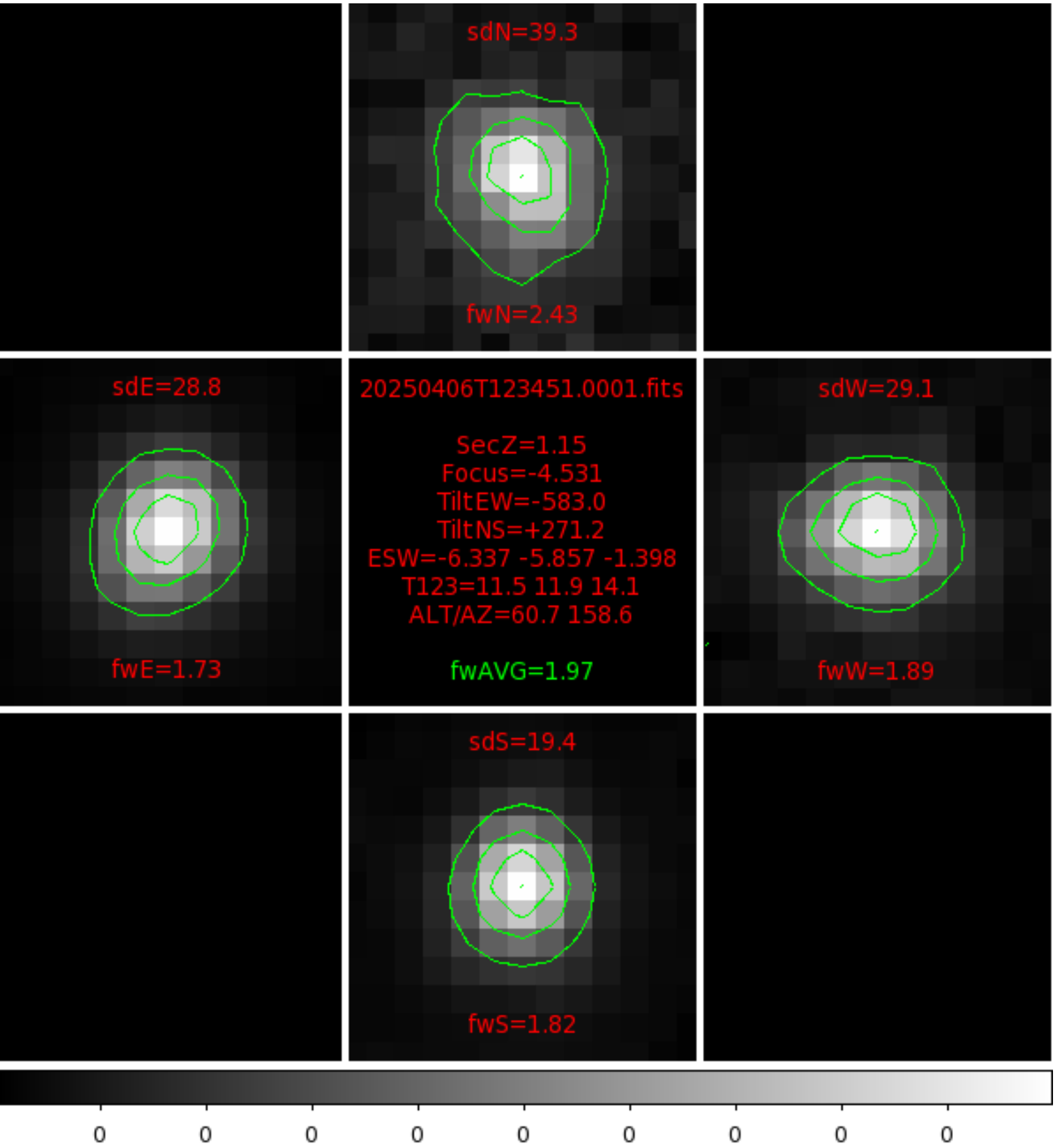
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SecZ=1.15
Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 11.9 14.1
ALT/AZ=60.7 158.6
fwAVG=1.97
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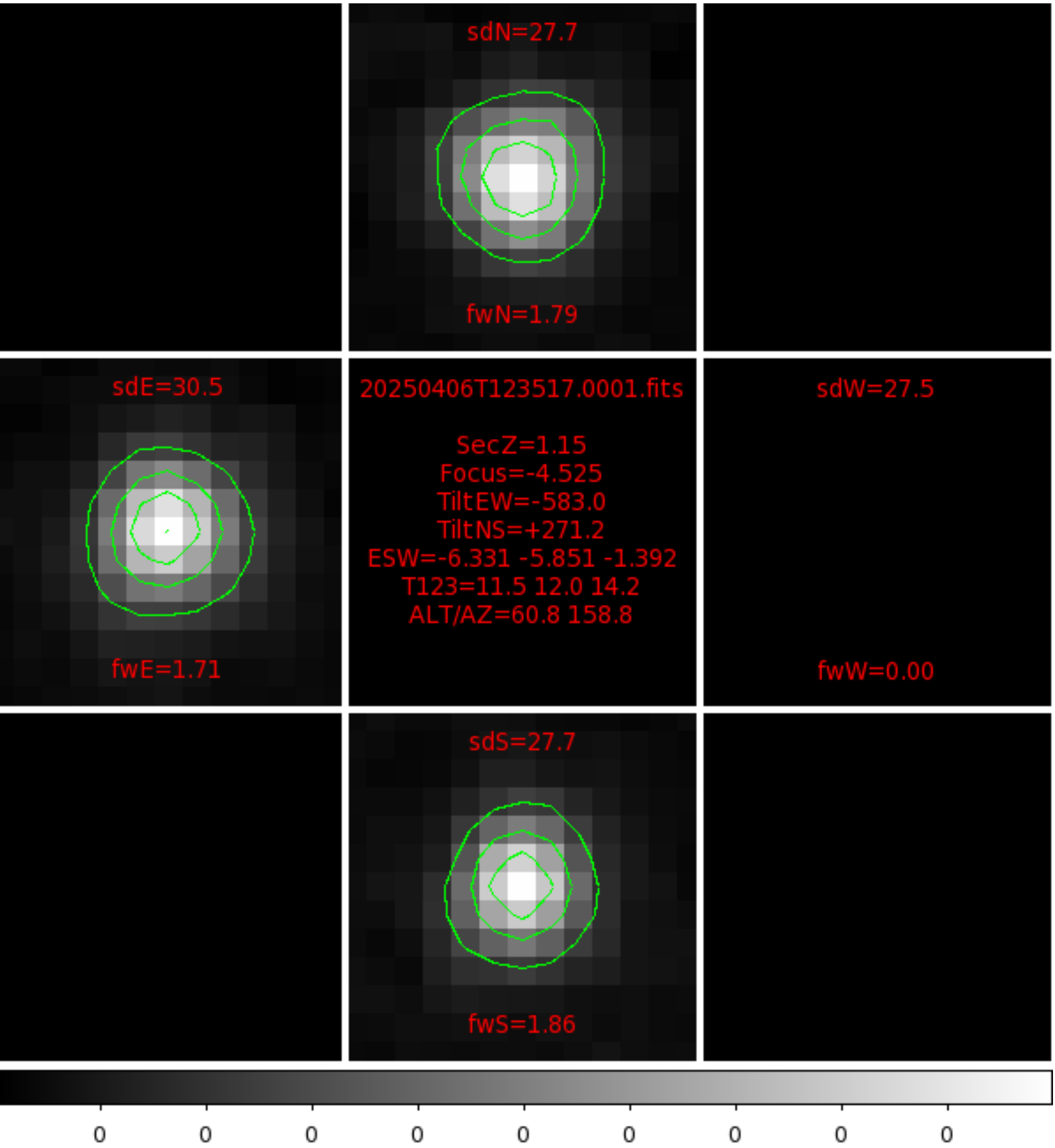
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sdE=30.5
fwE=1.71
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SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.5 12.0 14.2
ALT/AZ=60.8 158.8
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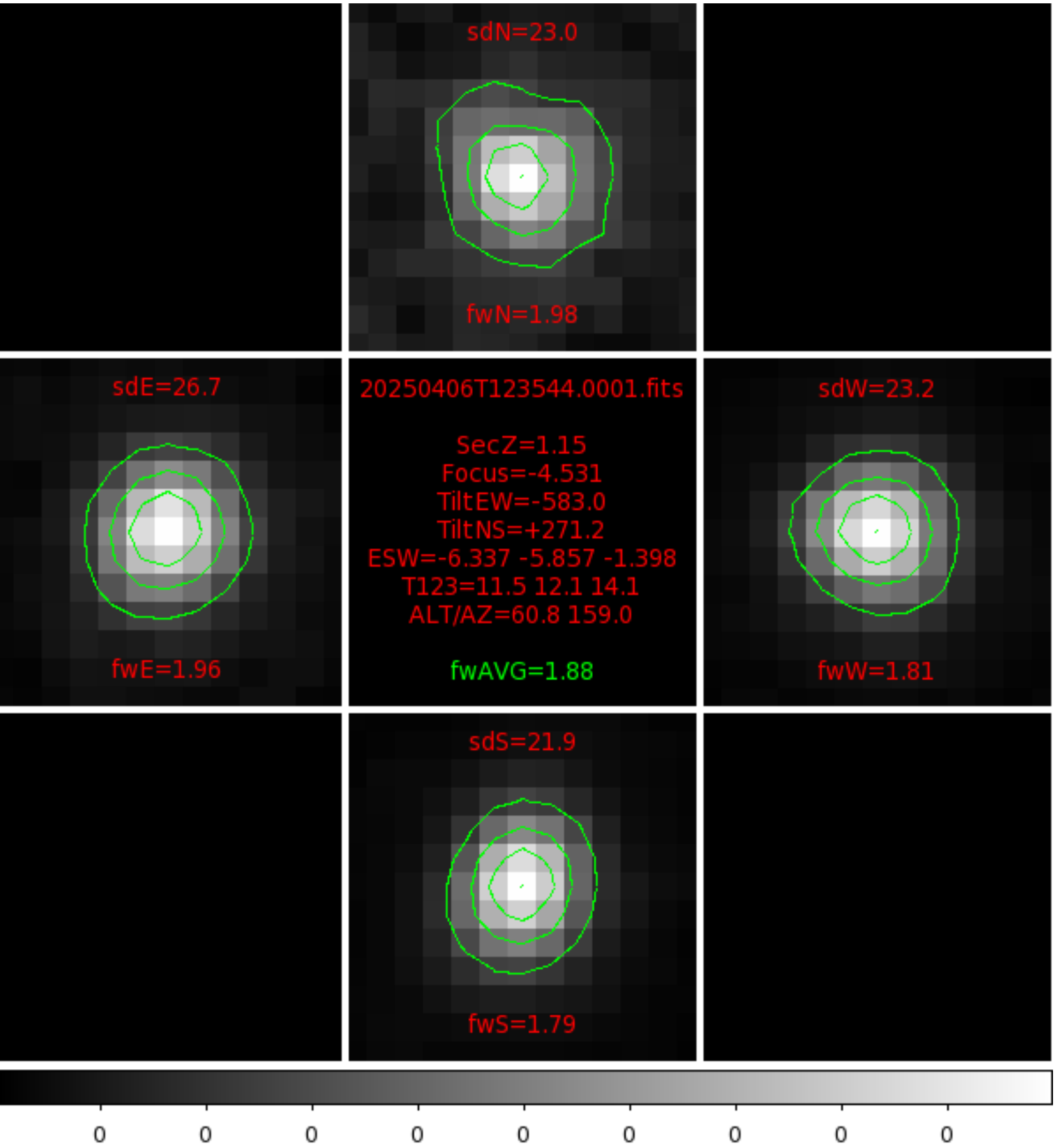
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Focus=-4.531
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.1 14.1
ALT/AZ=60.8 159.0
fwAVG=1.88
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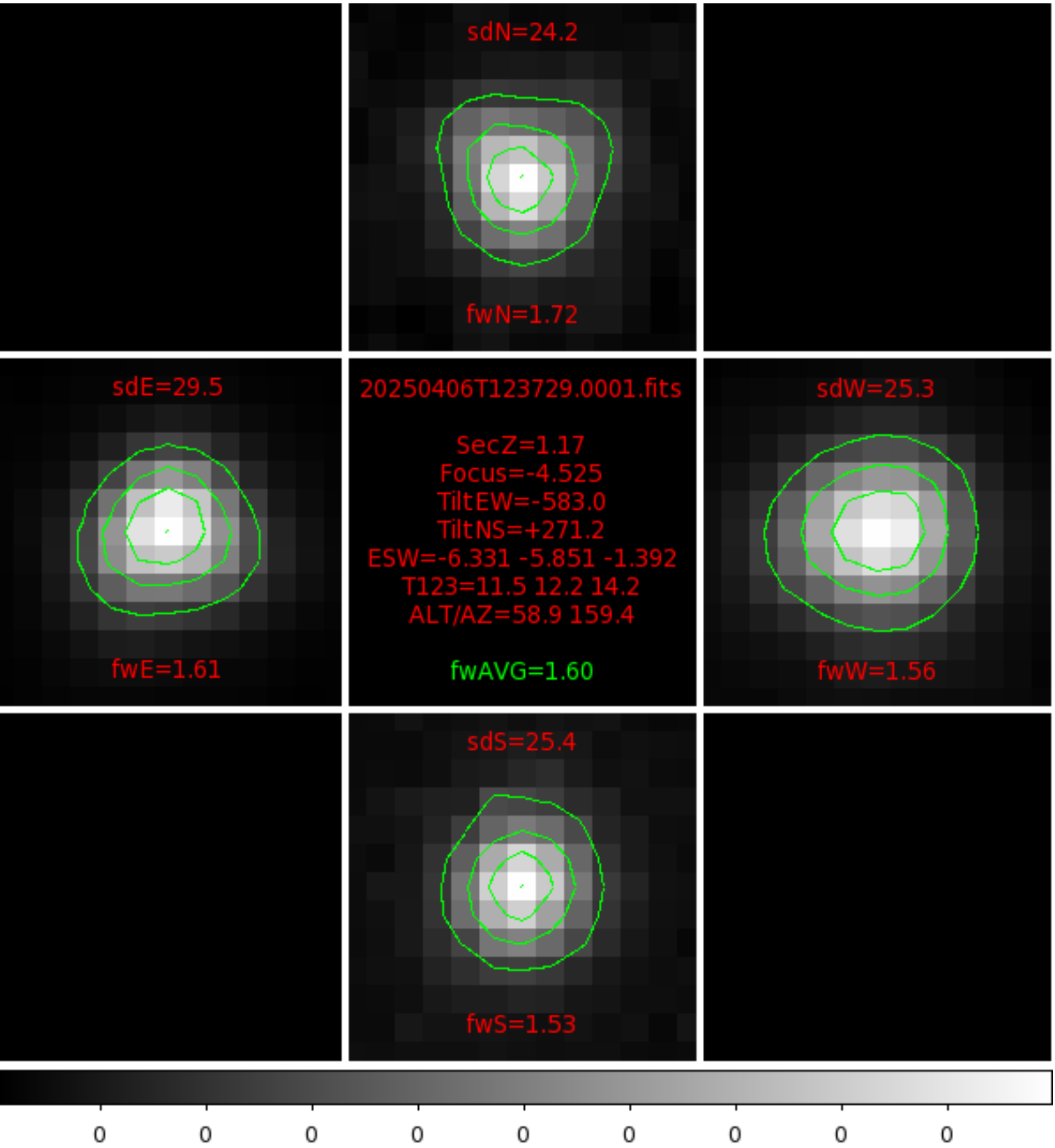
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SecZ=1.17
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.5 12.2 14.2
ALT/AZ=58.9 159.4
fwAVG=1.60
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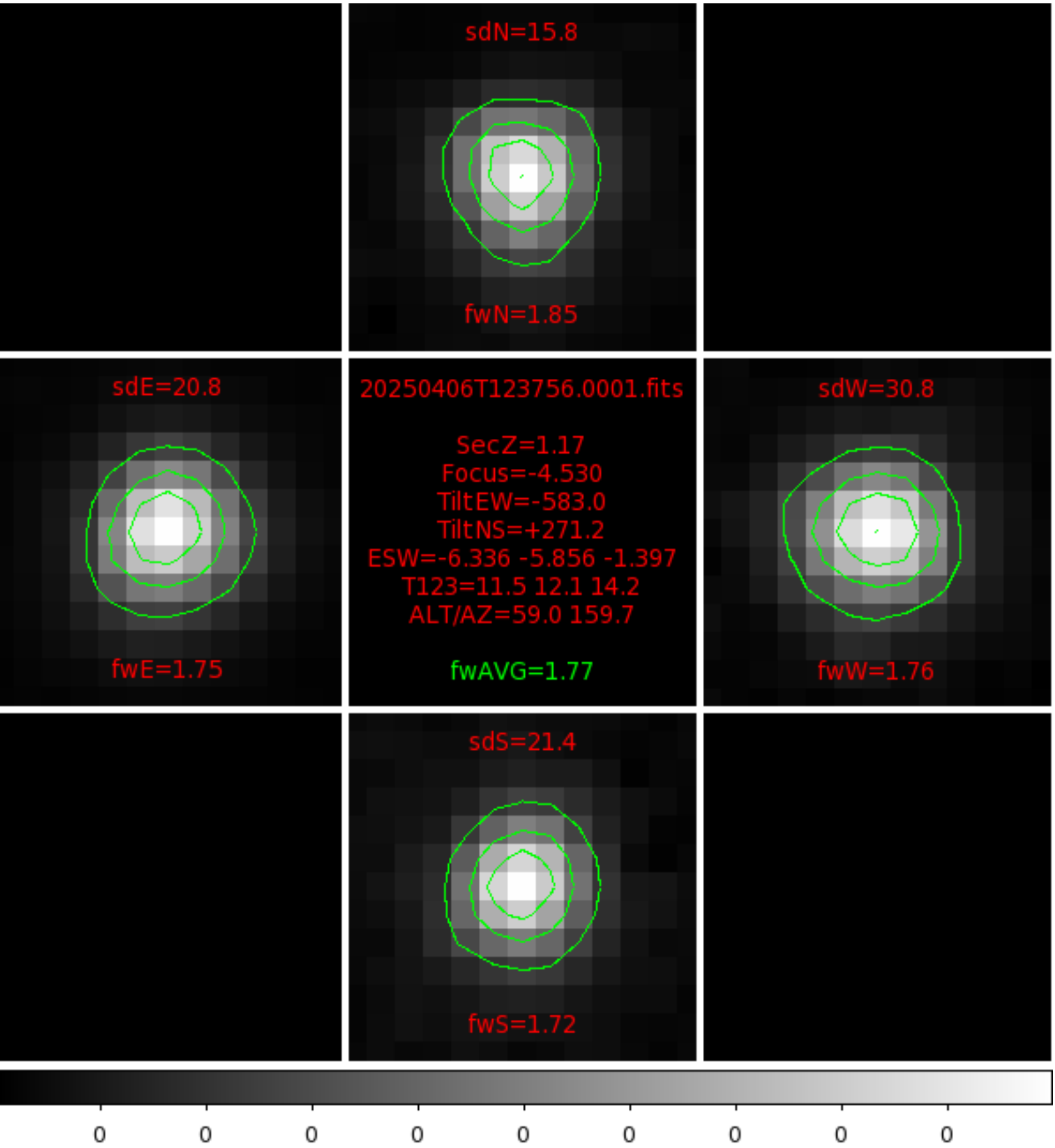
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sdE=20.8
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SecZ=1.17
Focus=-4.530
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=11.5 12.1 14.2
ALT/AZ=59.0 159.7
fwAVG=1.77
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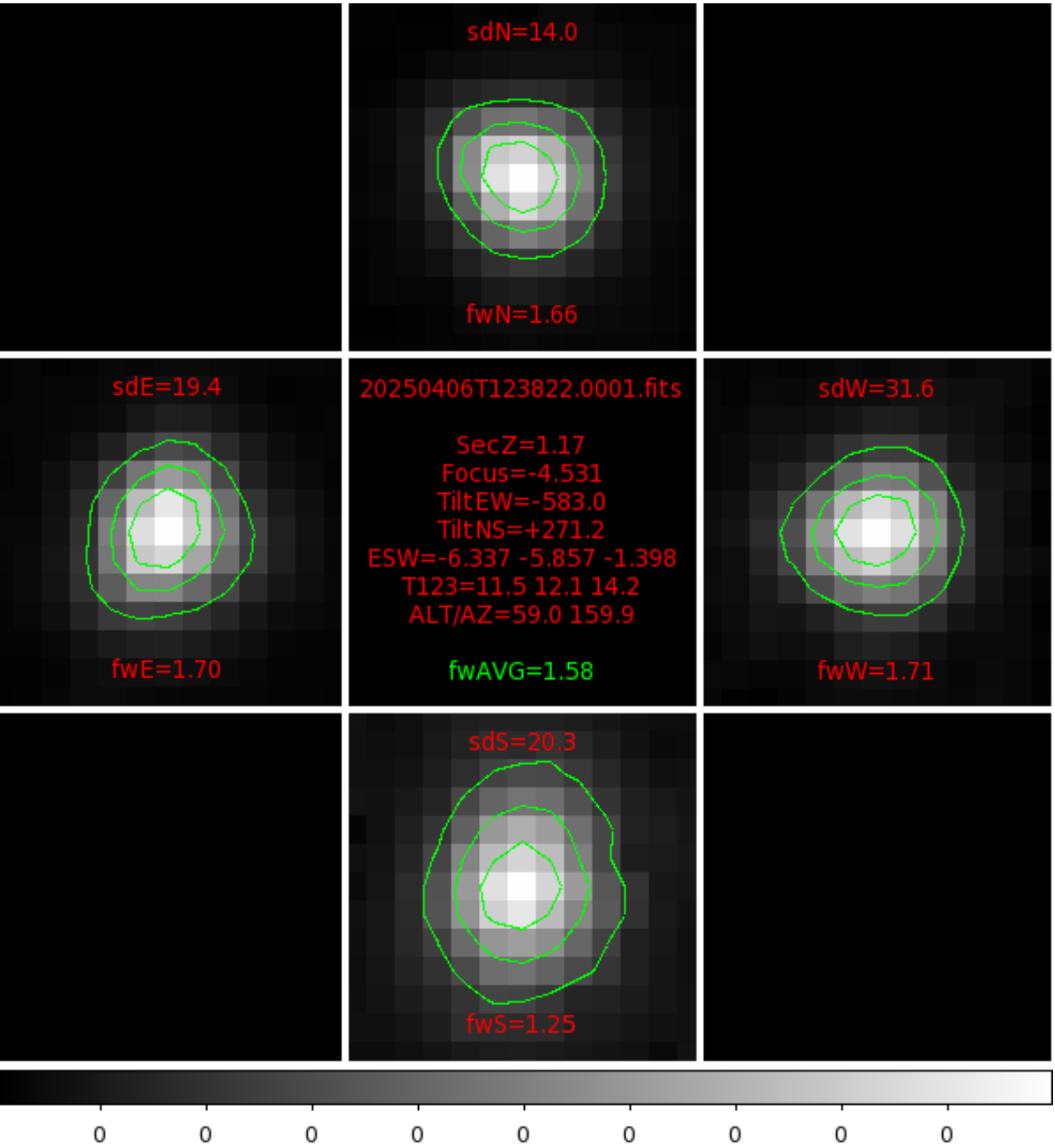
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SecZ=1.17
Focus=-4.531
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TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.1 14.2
ALT/AZ=59.0 159.9
fwAVG=1.58
sdW=31.6
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sdS=20.3
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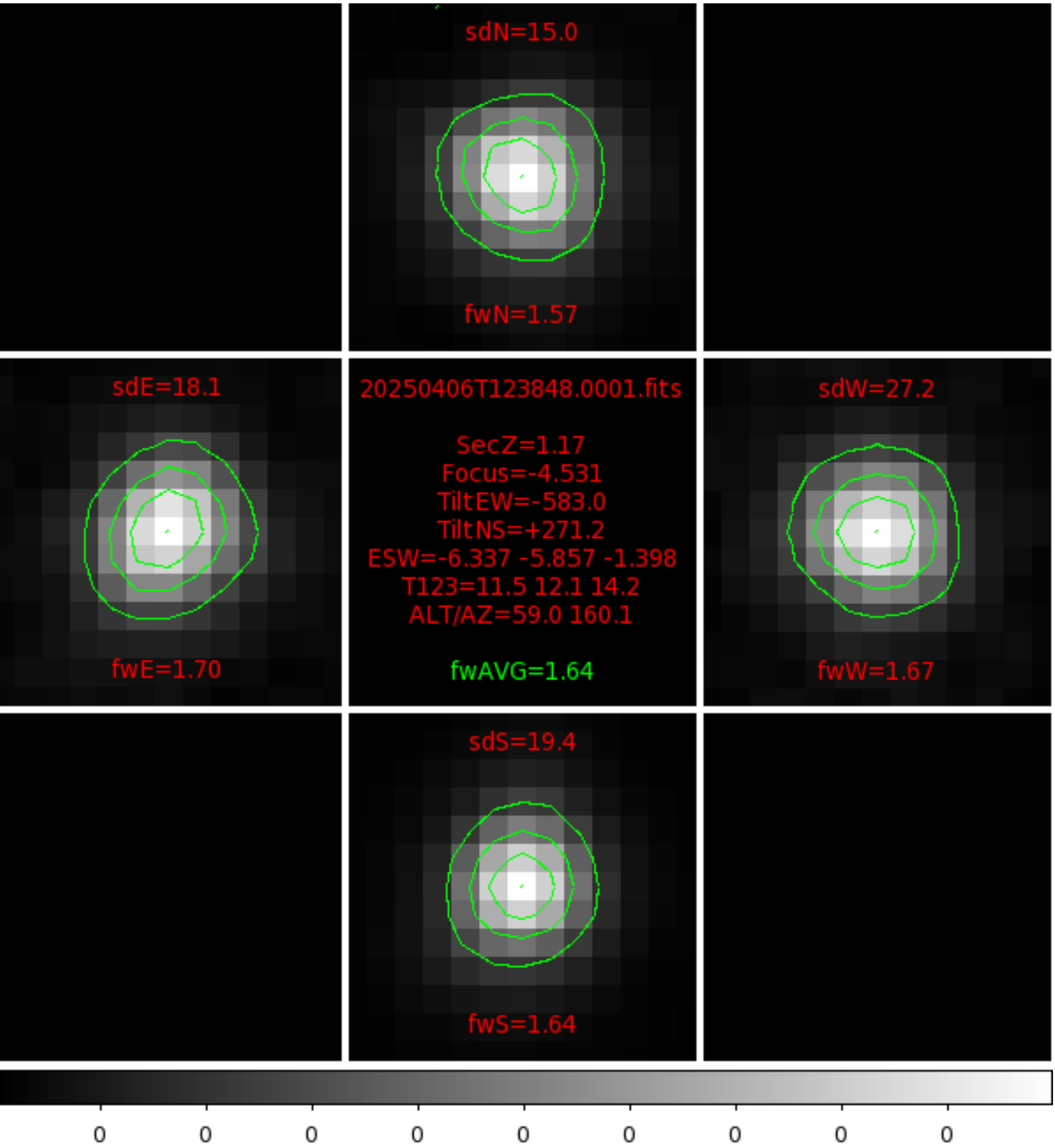
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SecZ=1.17
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.1 14.2
ALT/AZ=59.0 160.1
fwAVG=1.64
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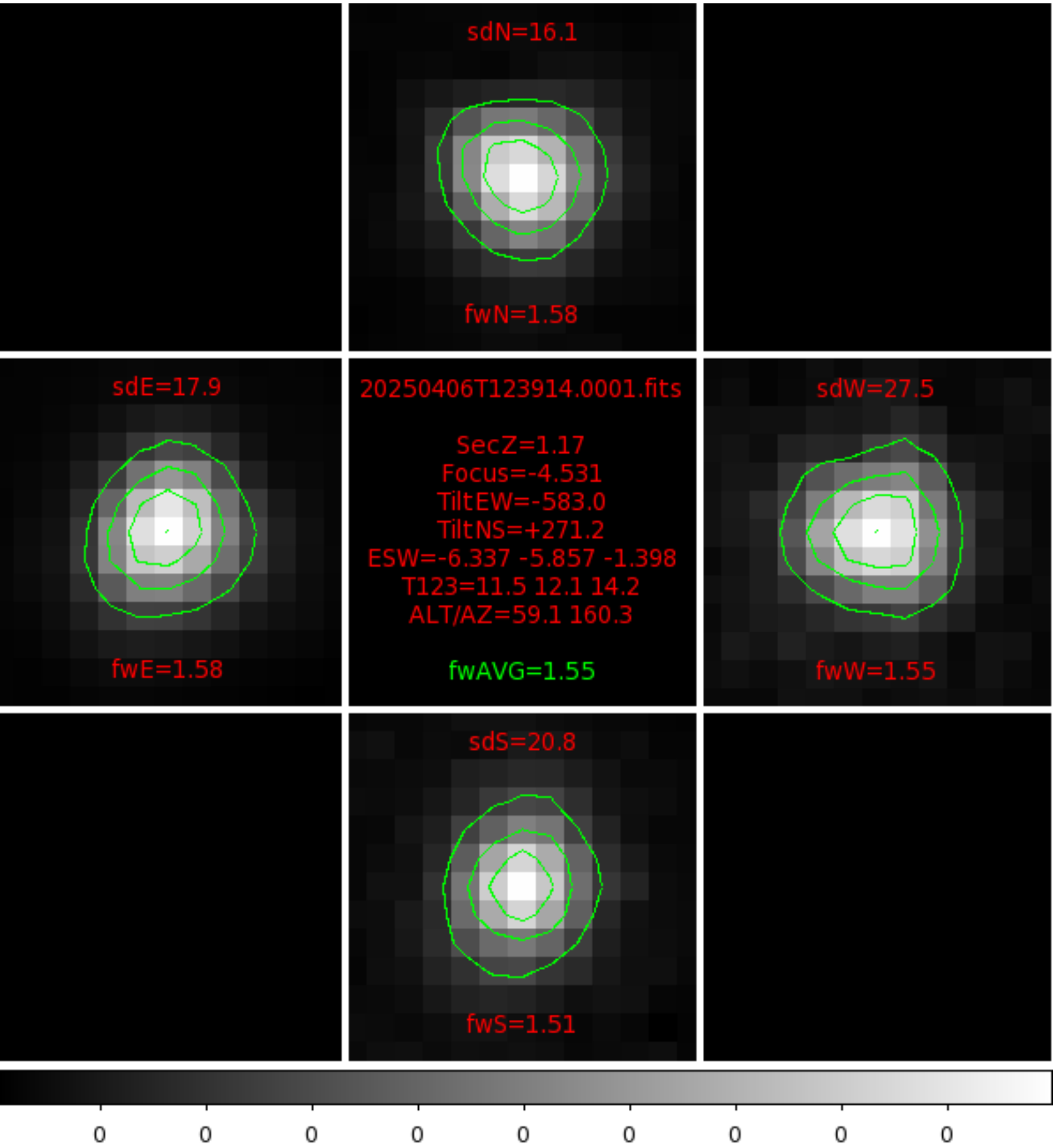
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fwE=1.58
20250406T123914.0001.fits
SecZ=1.17
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
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ALT/AZ=59.1 160.3
fwAVG=1.55
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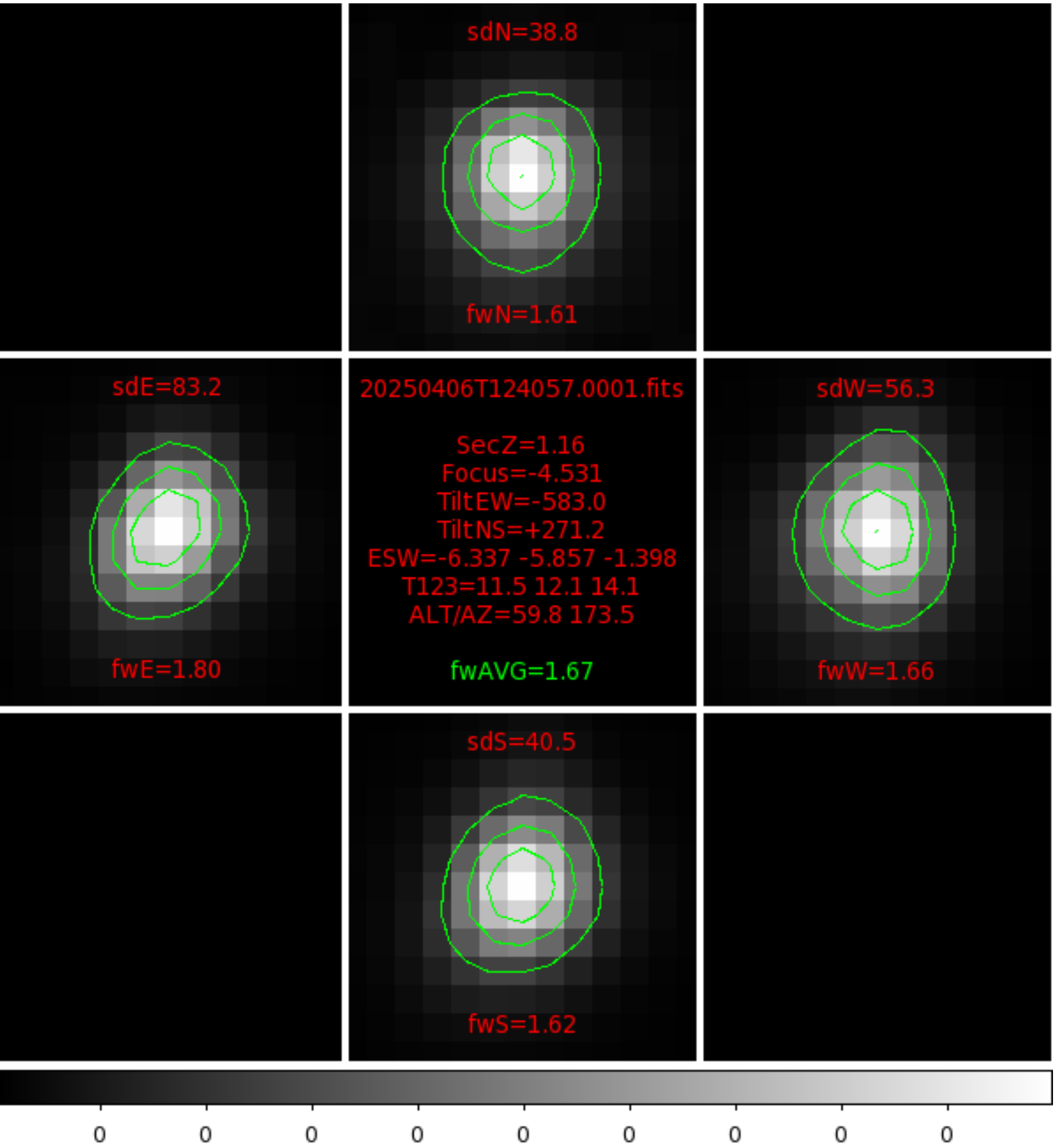
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TiltNS=+271.2
ESW=-6.337 -5.857 -1.398
T123=11.5 12.1 14.1
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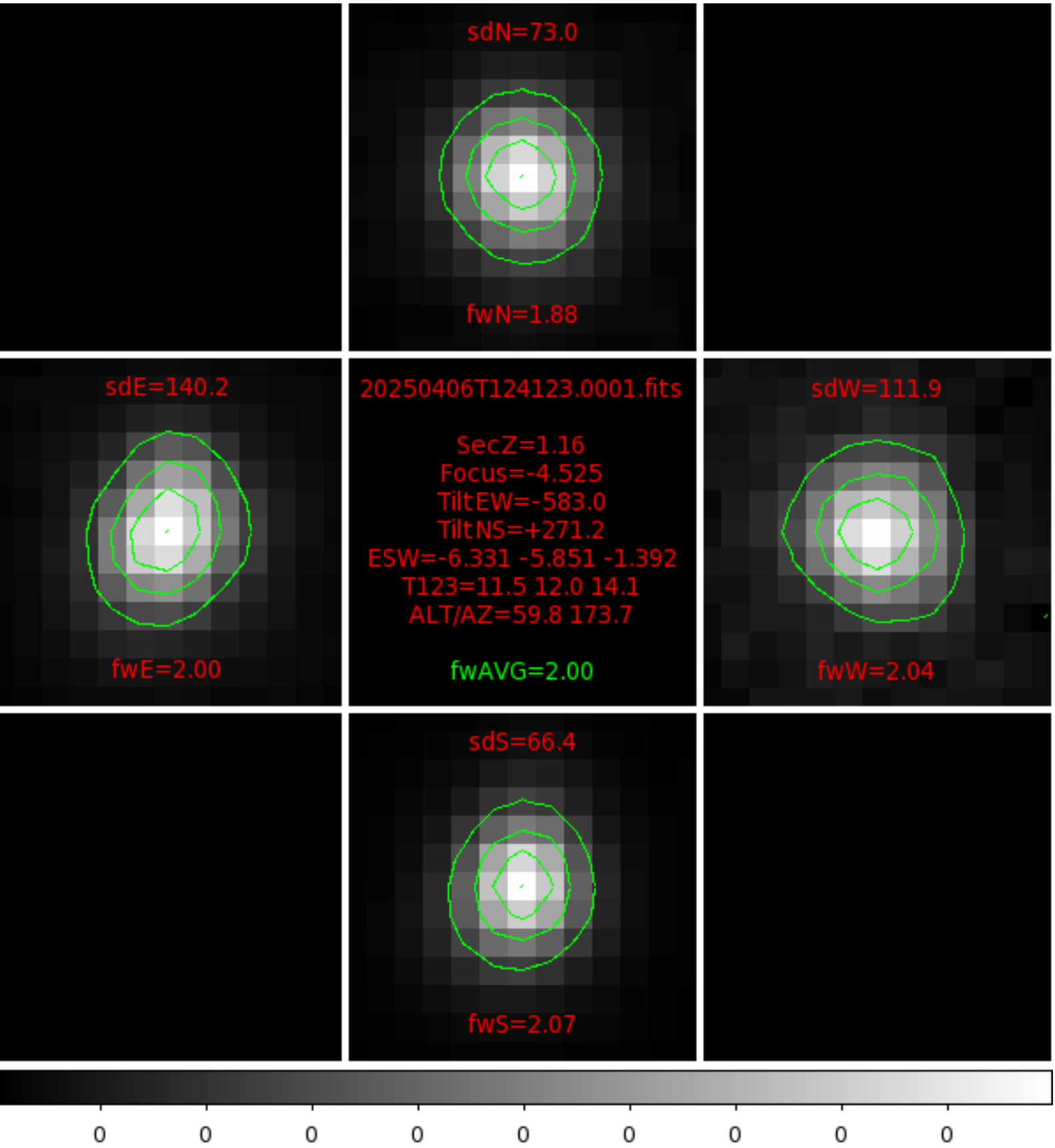
sdN=73.0
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Focus=-4.525
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TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.5 12.0 14.1
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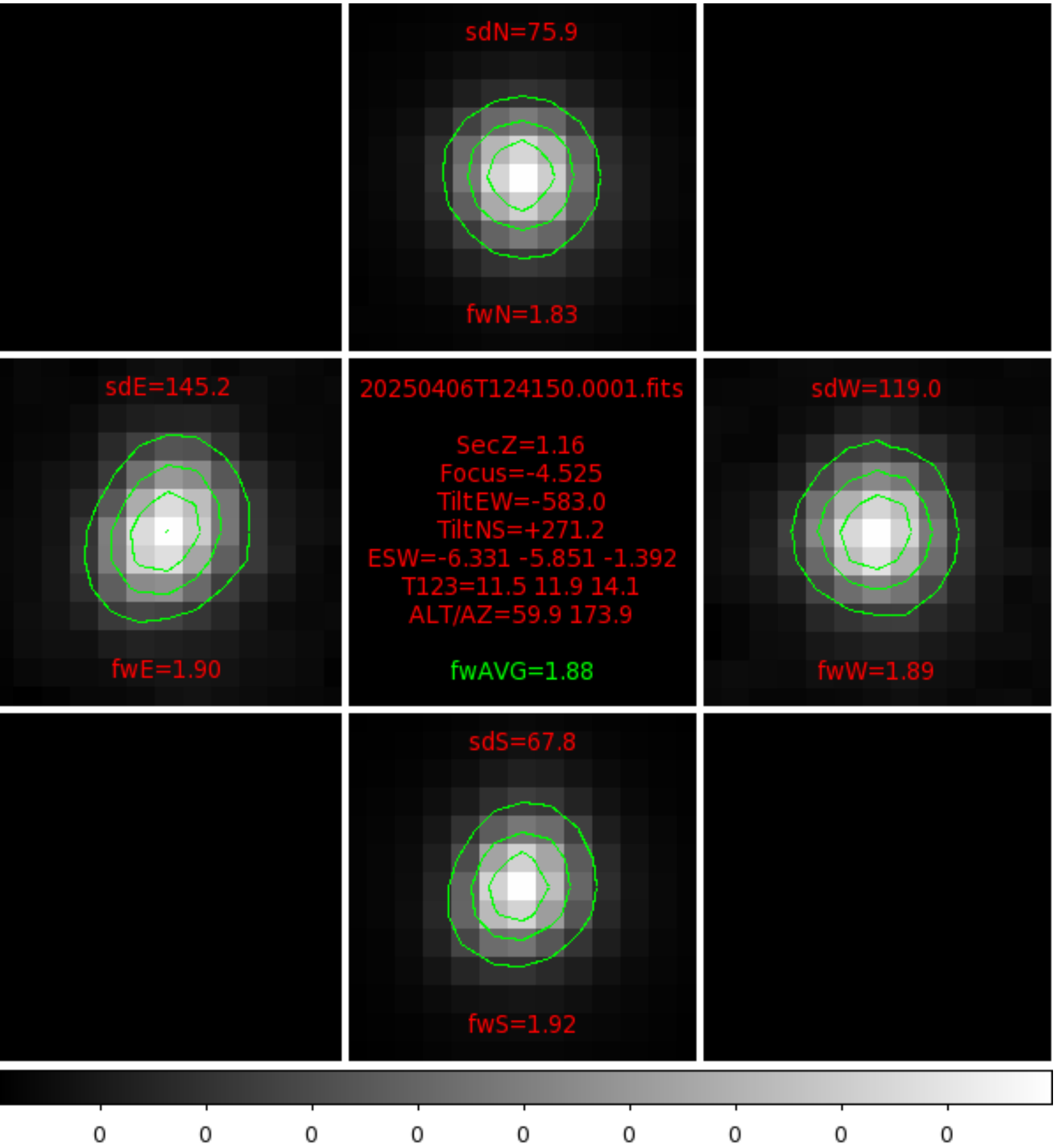
sdN=75.9
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sdE=145.2
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SecZ=1.16
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.5 11.9 14.1
ALT/AZ=59.9 173.9
fwAVG=1.88
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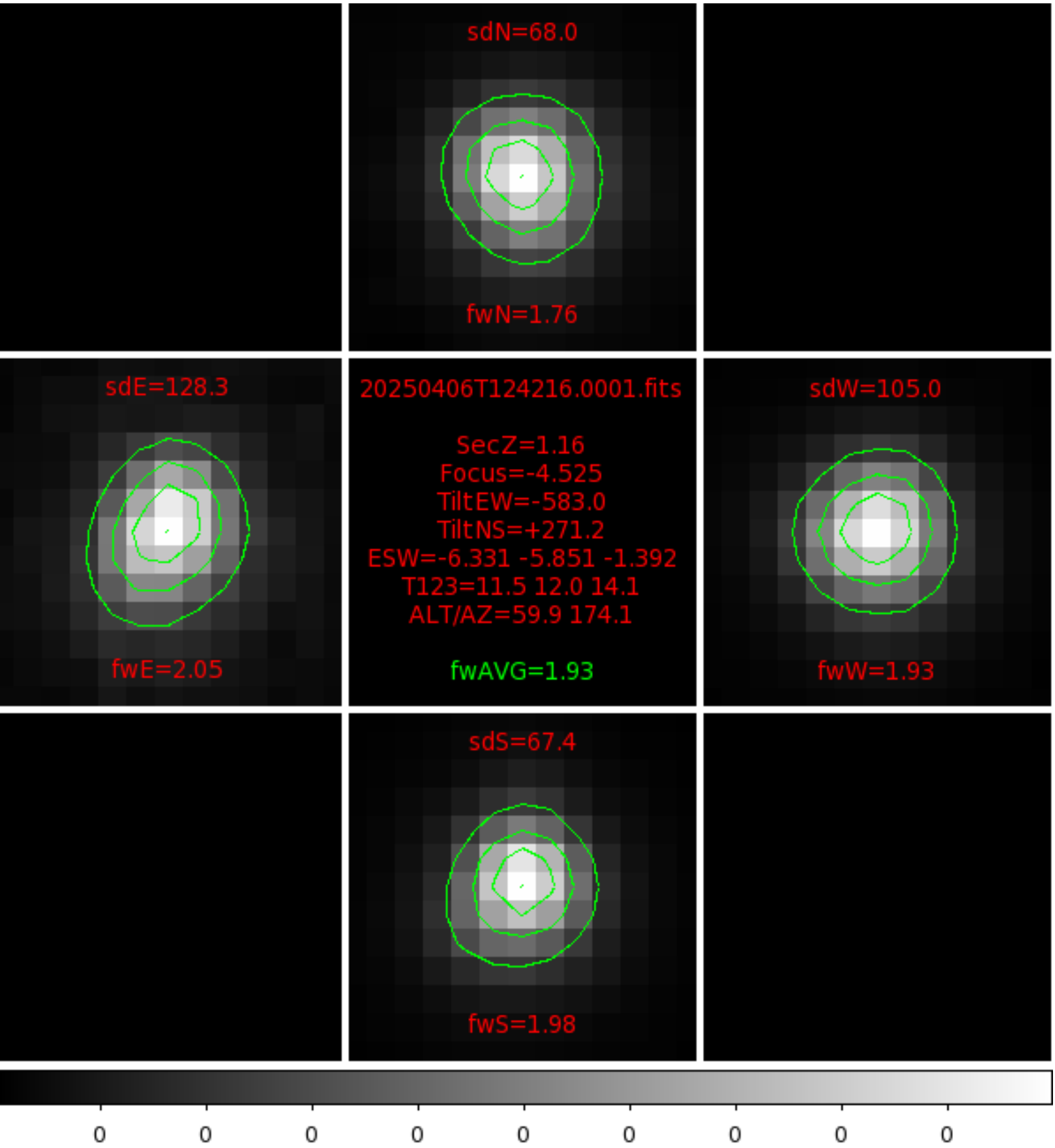
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SecZ=1.16
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.5 12.0 14.1
ALT/AZ=59.9 174.1
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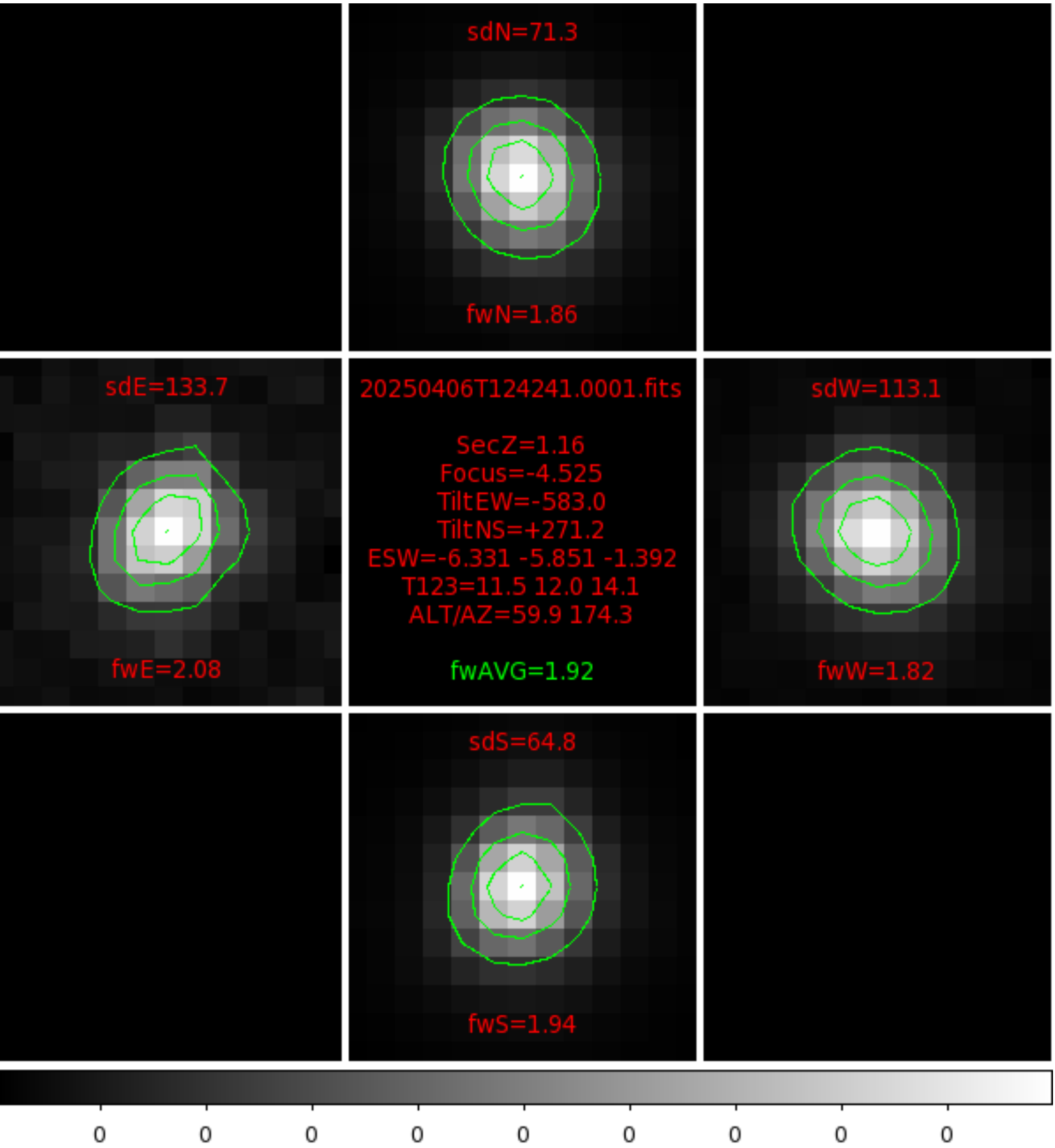
sdN=71.3
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SecZ=1.16
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.5 12.0 14.1
ALT/AZ=59.9 174.3
fwAVG=1.92
sdW=113.1
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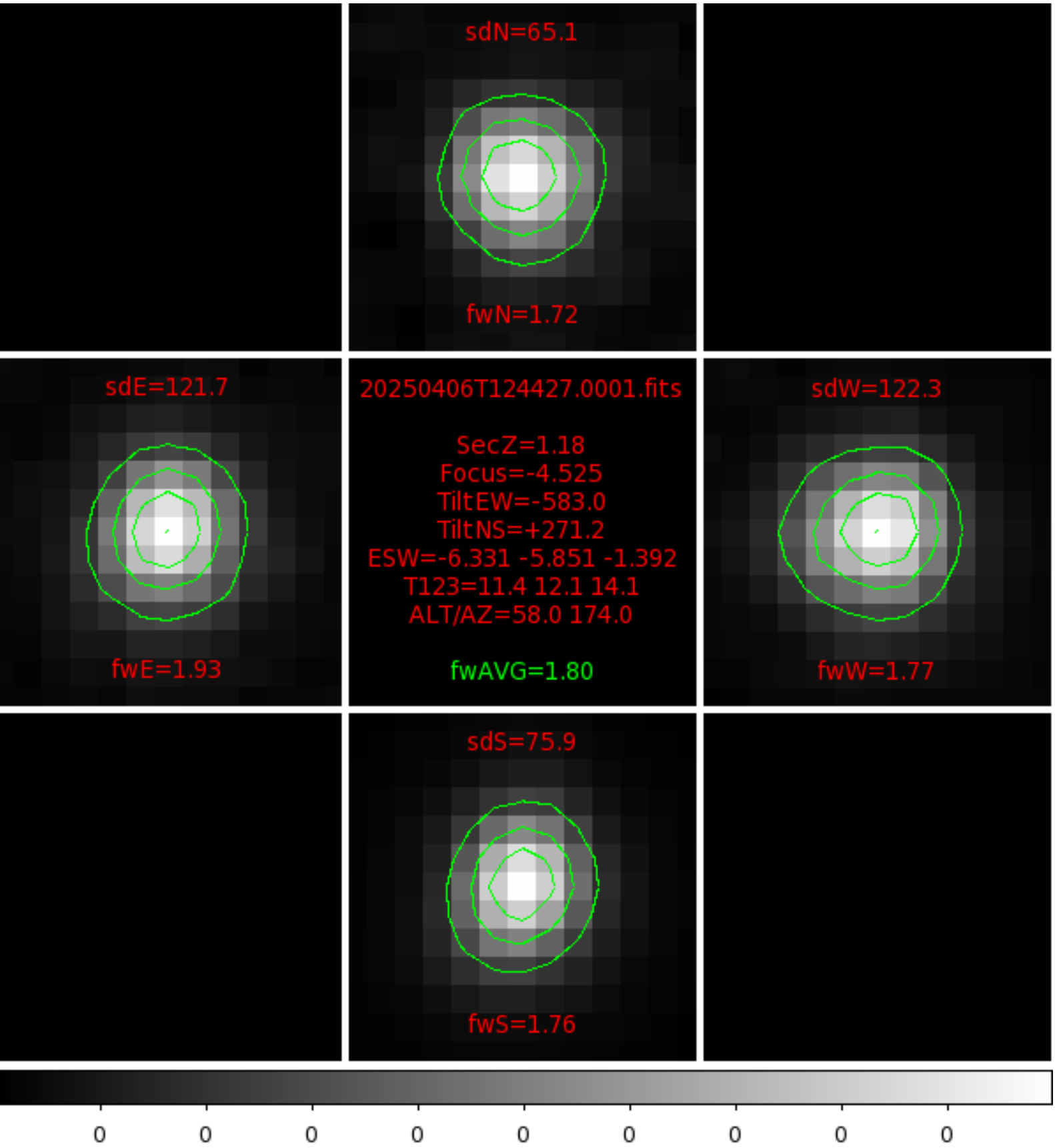
sdN=65.1
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fwE=1.93
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SecZ=1.18
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.4 12.1 14.1
ALT/AZ=58.0 174.0
fwAVG=1.80
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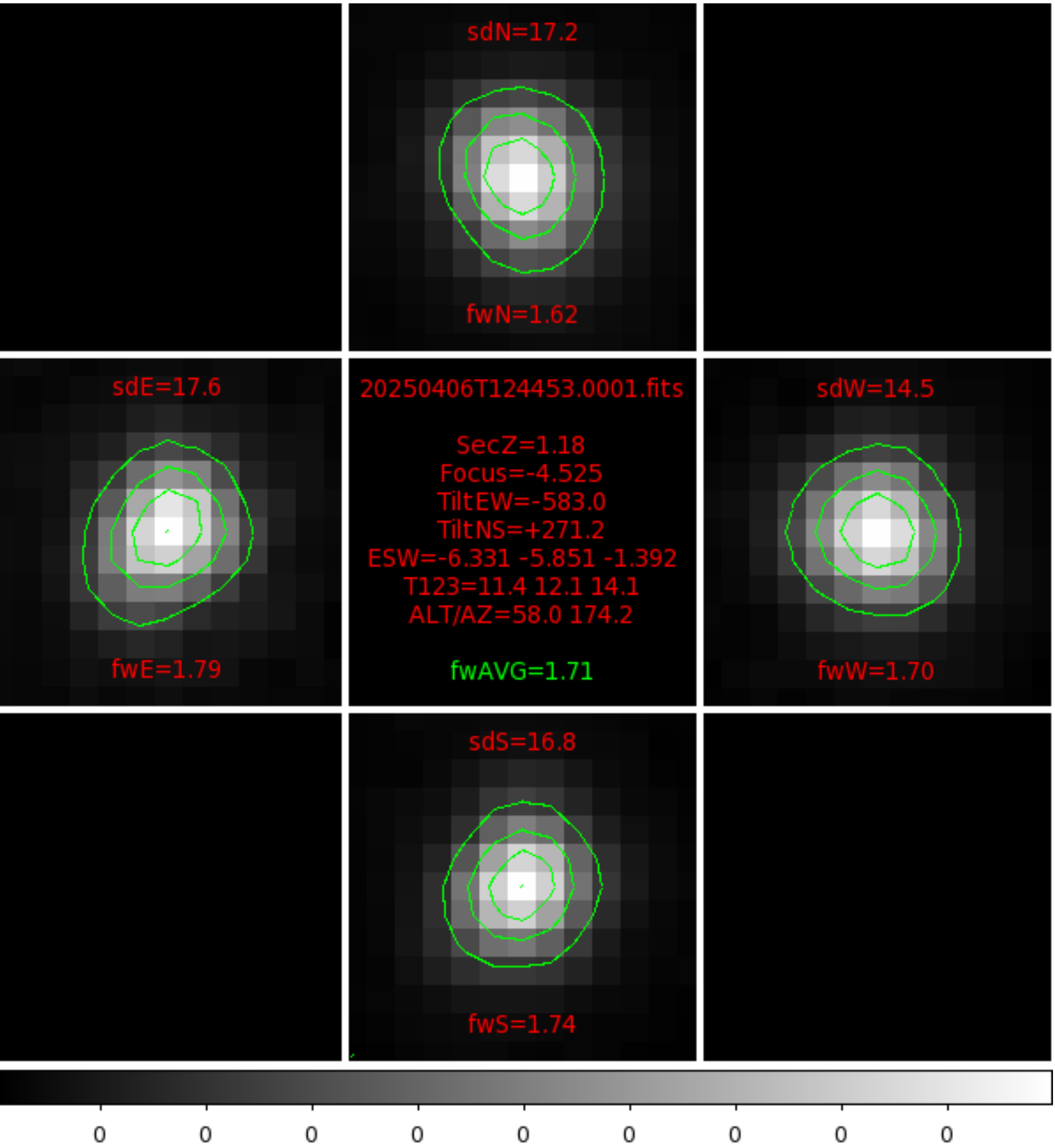
sdN=17.2
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SecZ=1.18
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.4 12.1 14.1
ALT/AZ=58.0 174.2
fwAVG=1.71
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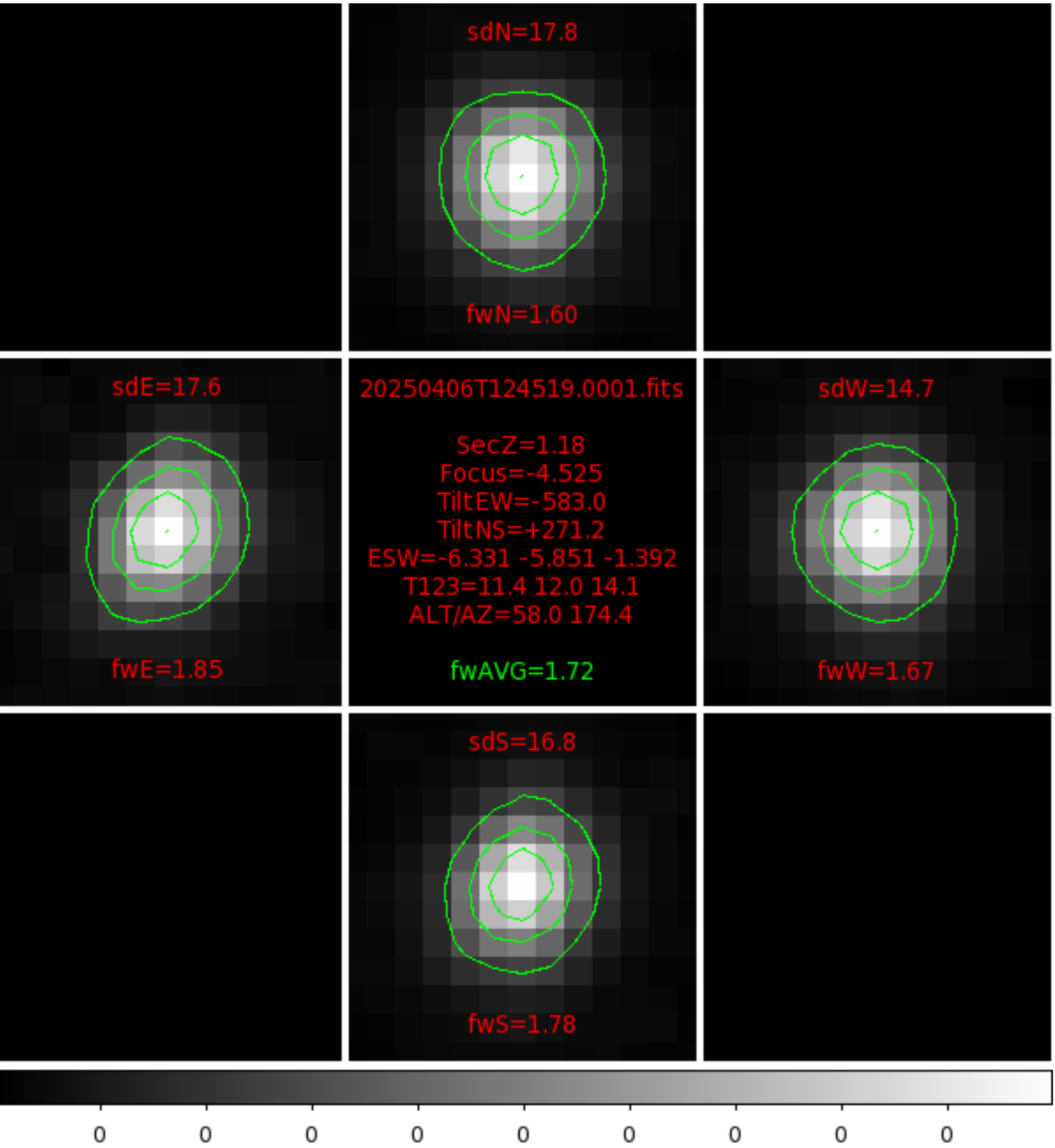
sdN=17.8
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SecZ=1.18
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.4 12.0 14.1
ALT/AZ=58.0 174.4
fwAVG=1.72
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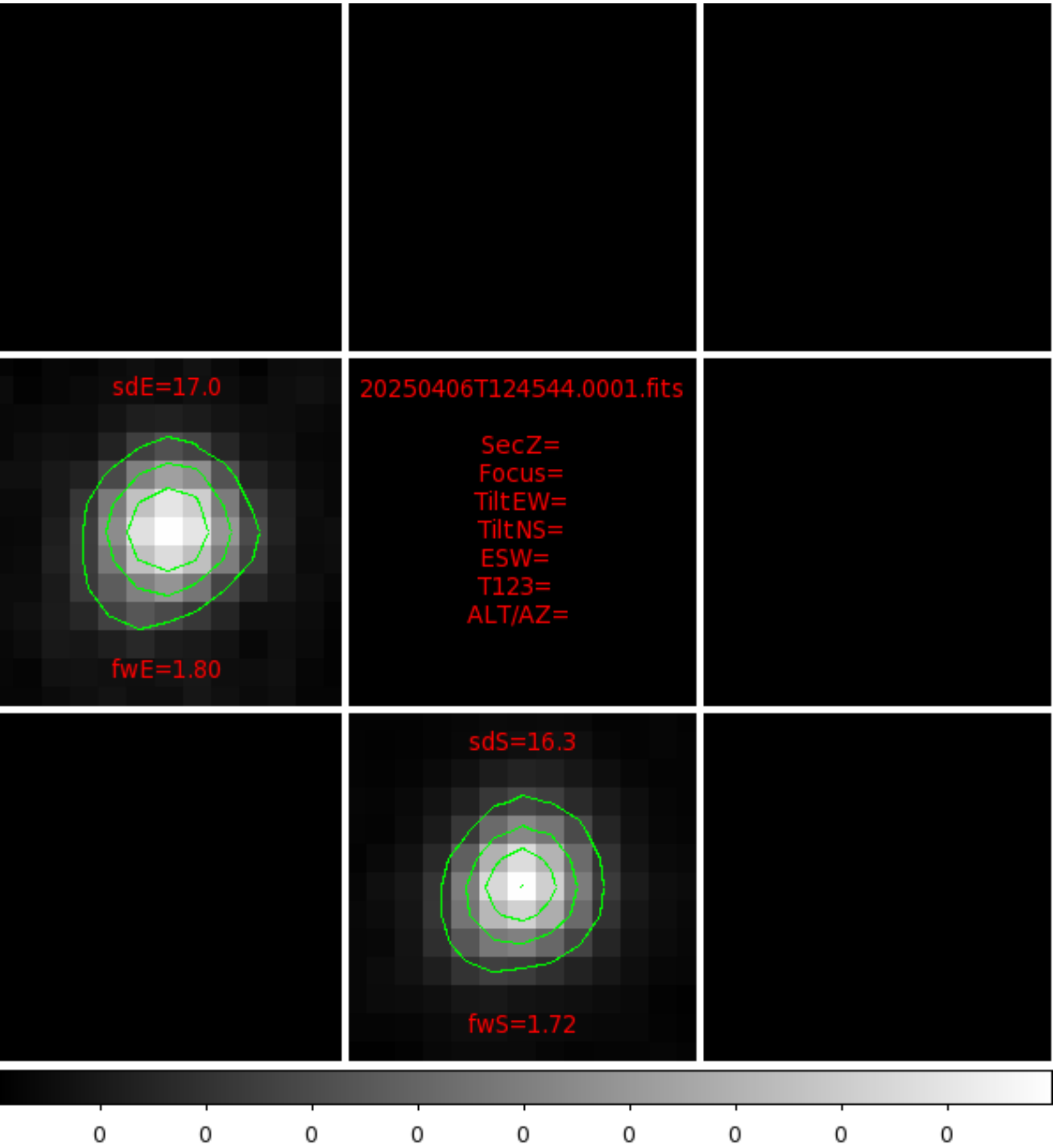
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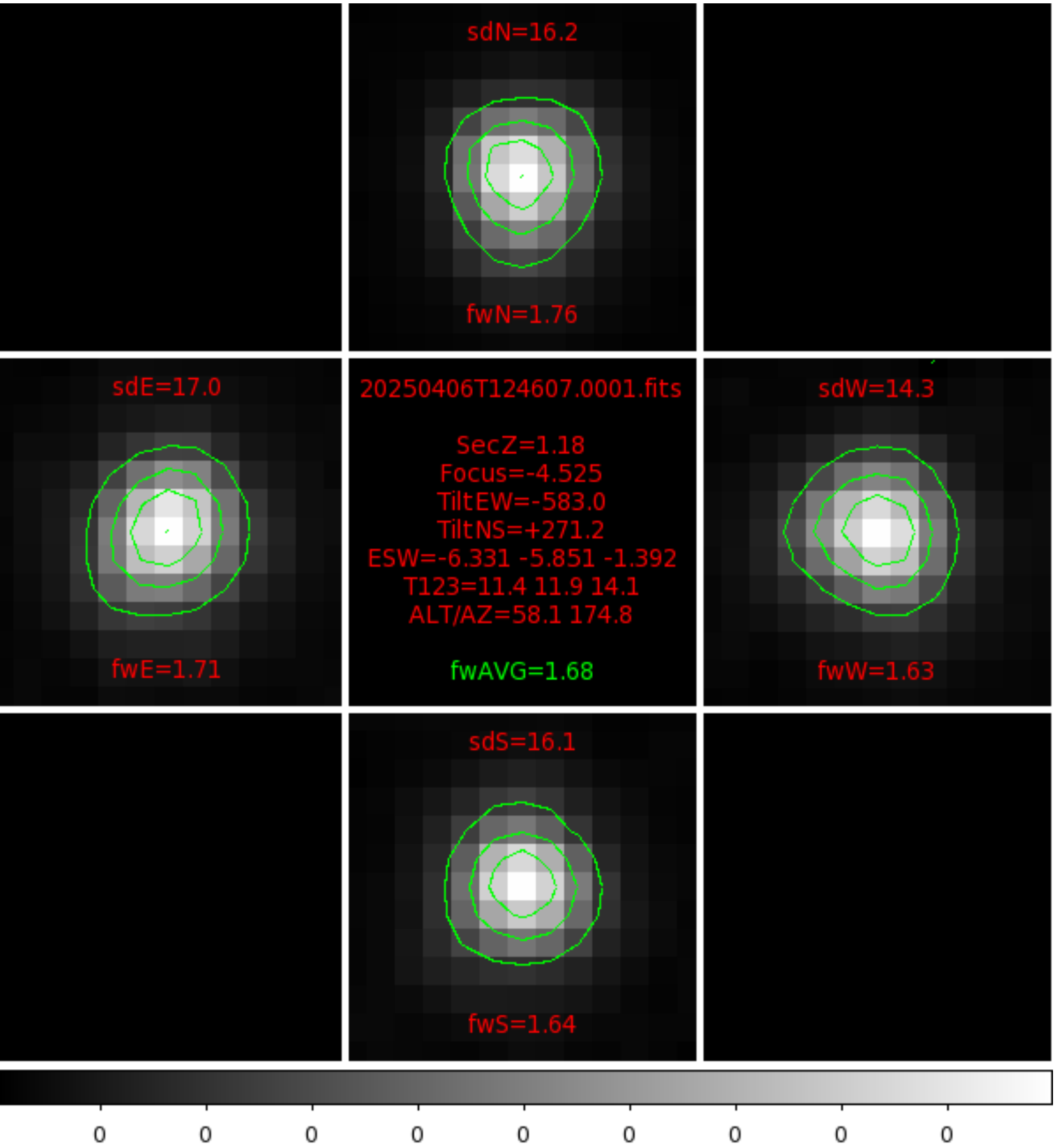
sdN=16.2
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fwE=1.71
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SecZ=1.18
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.4 11.9 14.1
ALT/AZ=58.1 174.8
fwAVG=1.68
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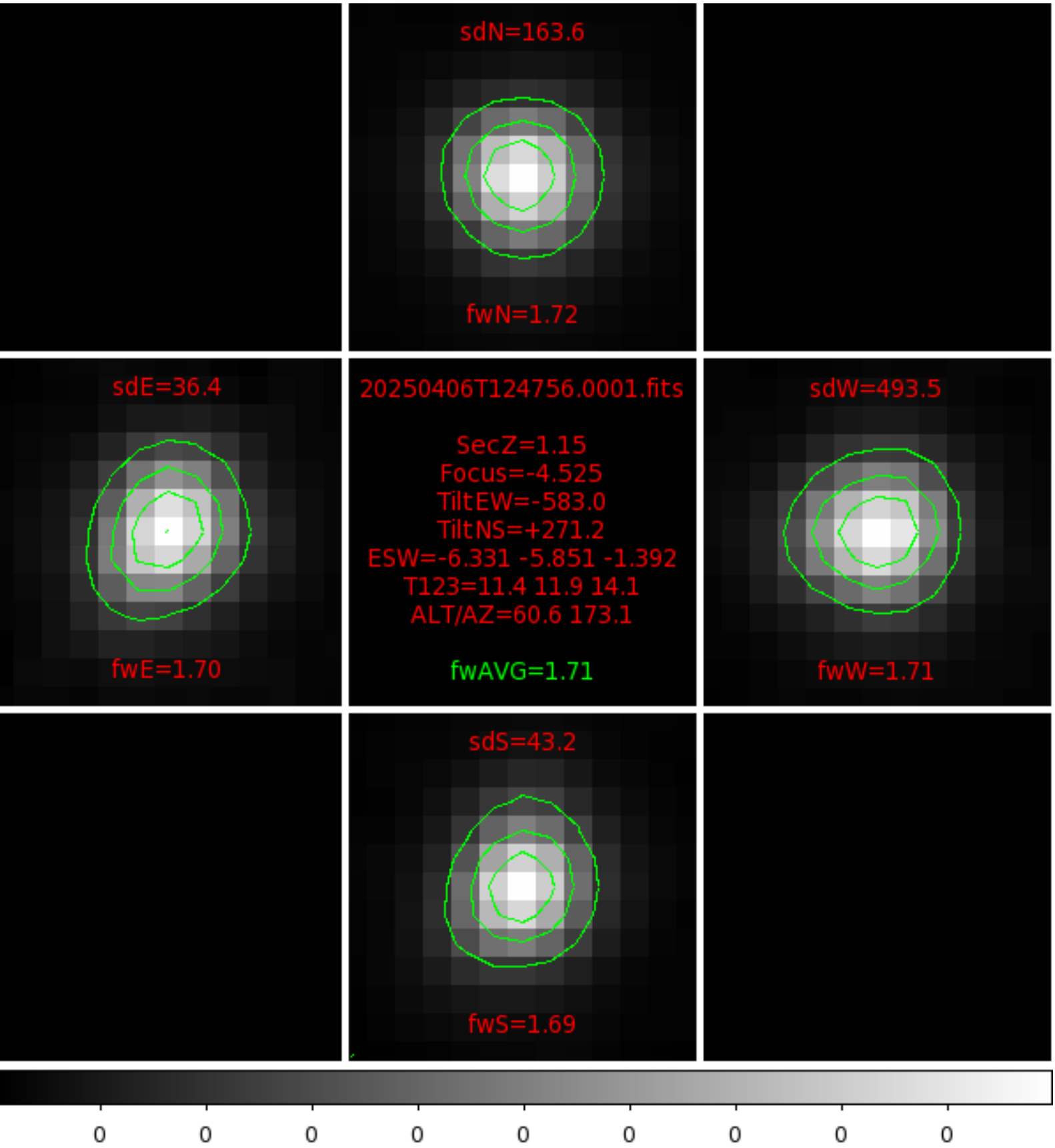
sdN=163.6
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SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.4 11.9 14.1
ALT/AZ=60.6 173.1
fwAVG=1.71
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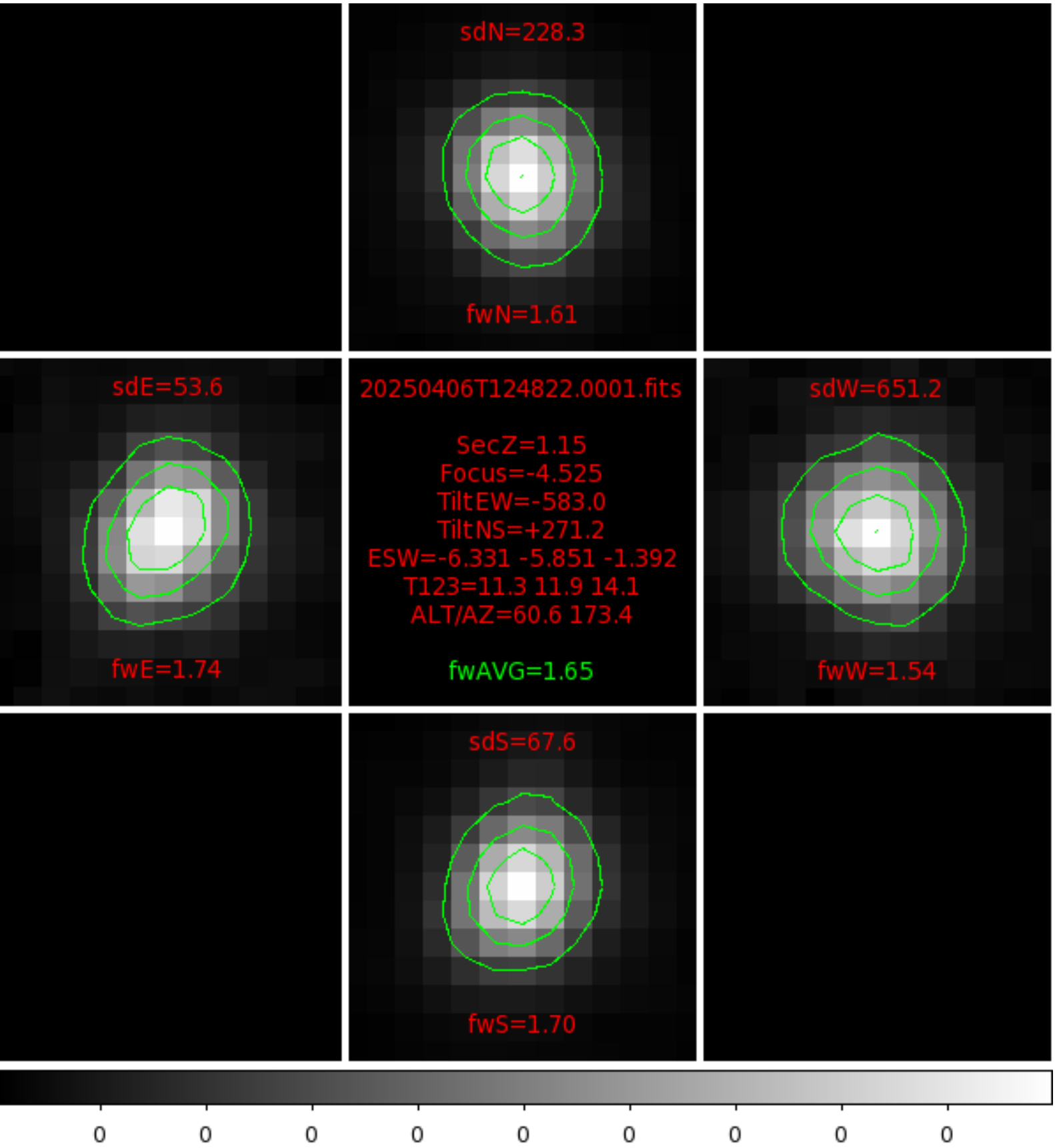
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fwE=1.74
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SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.9 14.1
ALT/AZ=60.6 173.4
fwAVG=1.65
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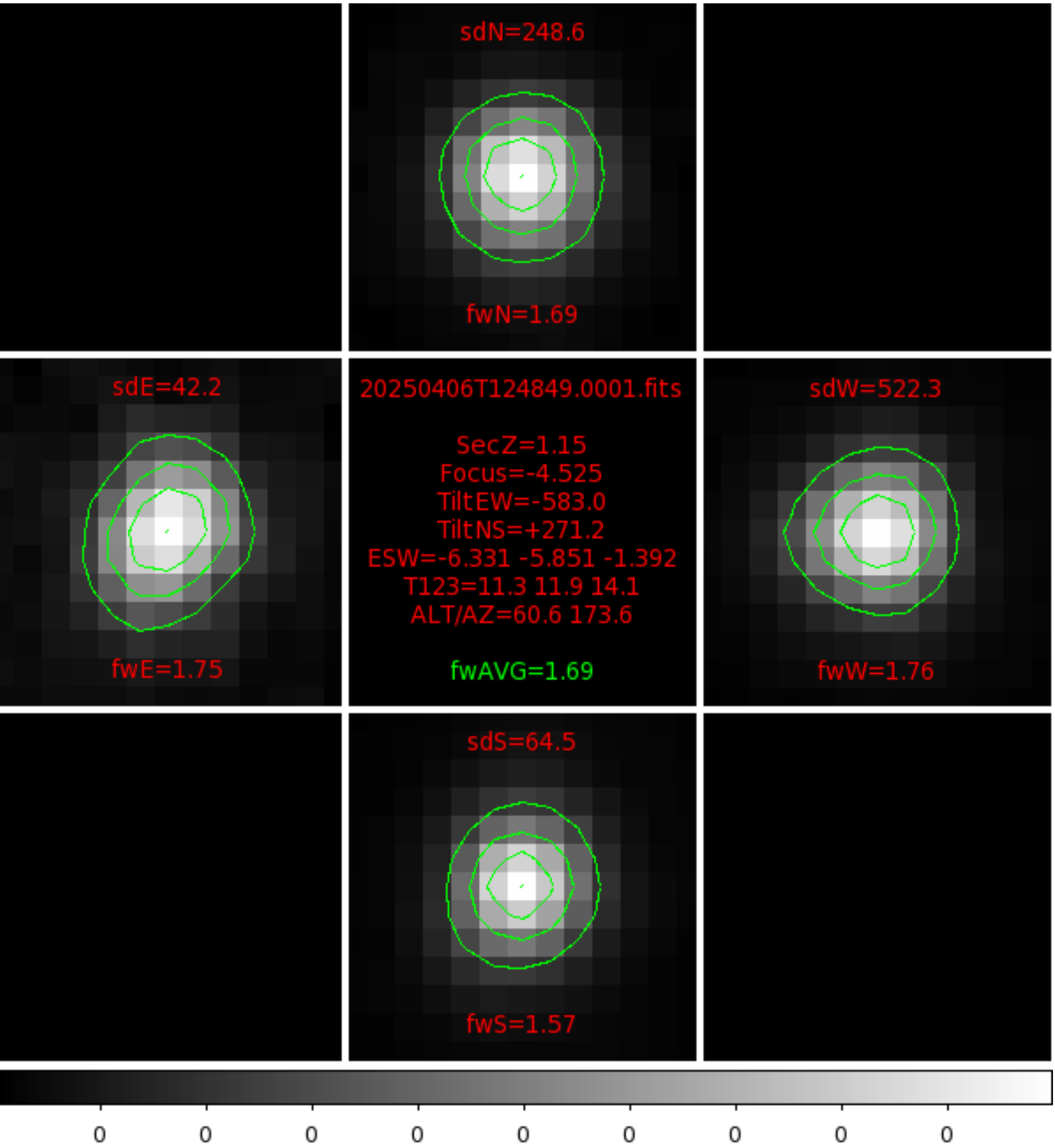
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SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.9 14.1
ALT/AZ=60.6 173.6
fwAVG=1.69
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sdS=64.5
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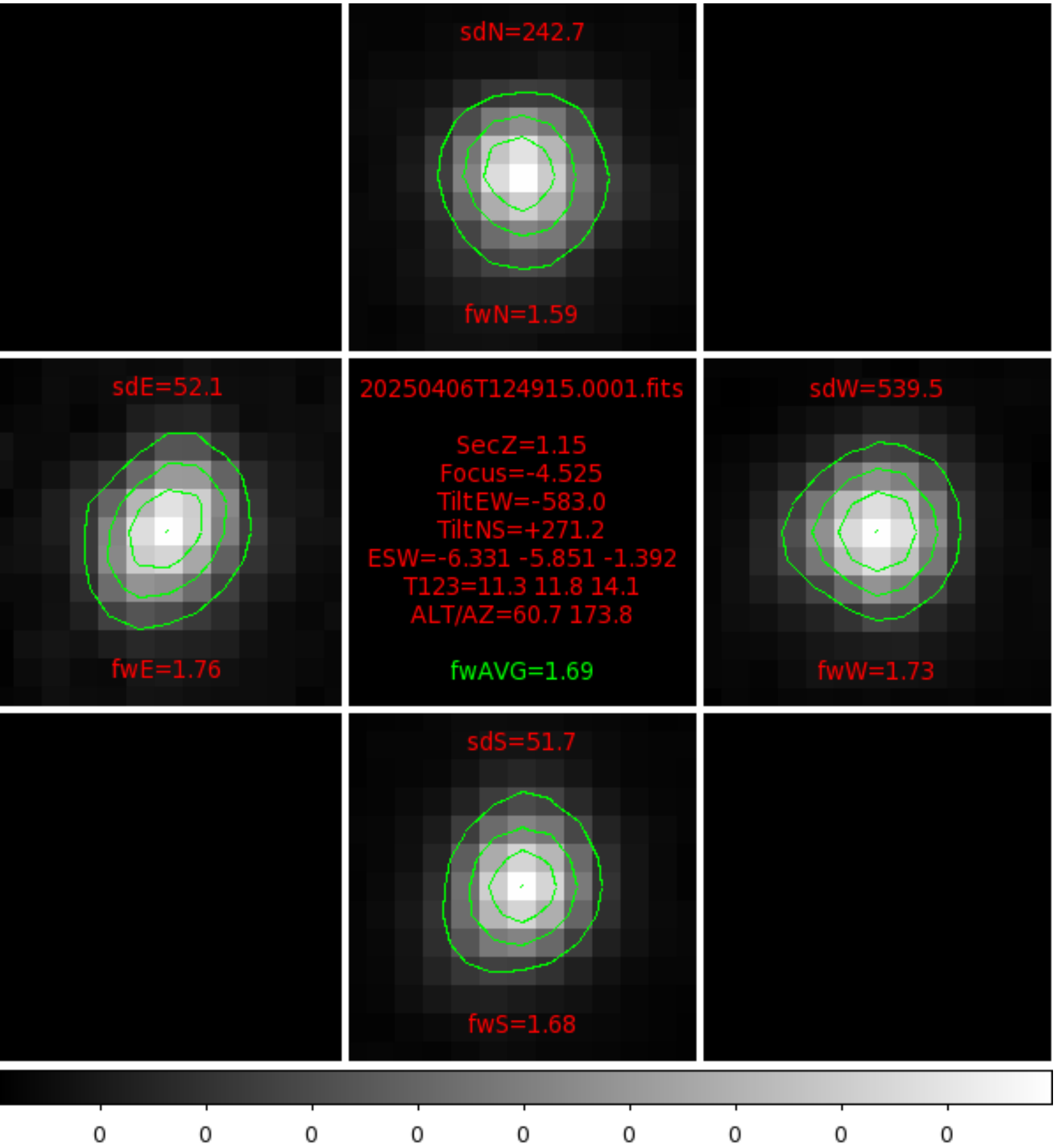
sdN=242.7
fwN=1.59
sdE=52.1
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20250406T124915.0001.fits
SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.8 14.1
ALT/AZ=60.7 173.8
fwAVG=1.69
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sdS=51.7
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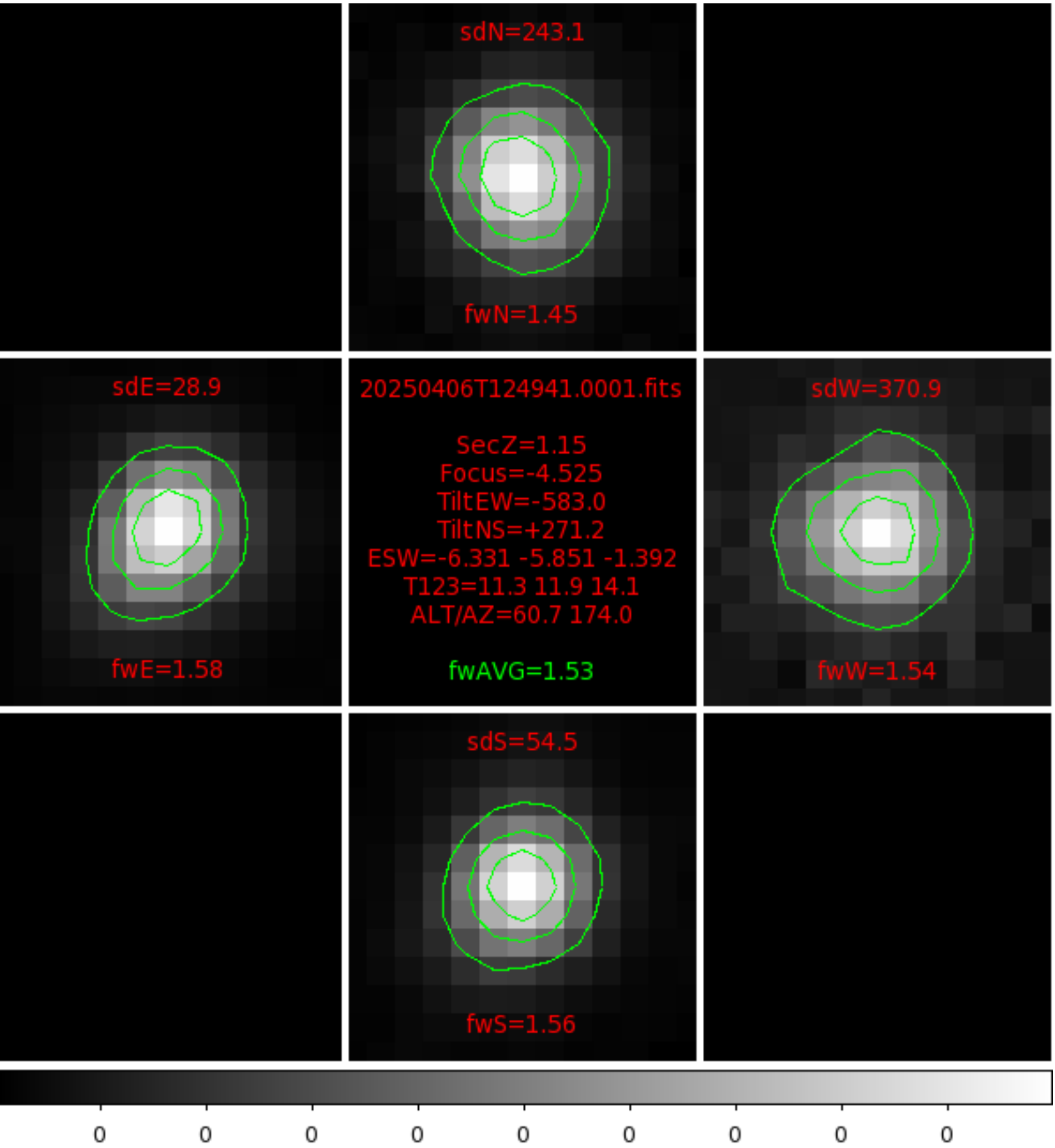
sdN=243.1
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SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.9 14.1
ALT/AZ=60.7 174.0
fwAVG=1.53
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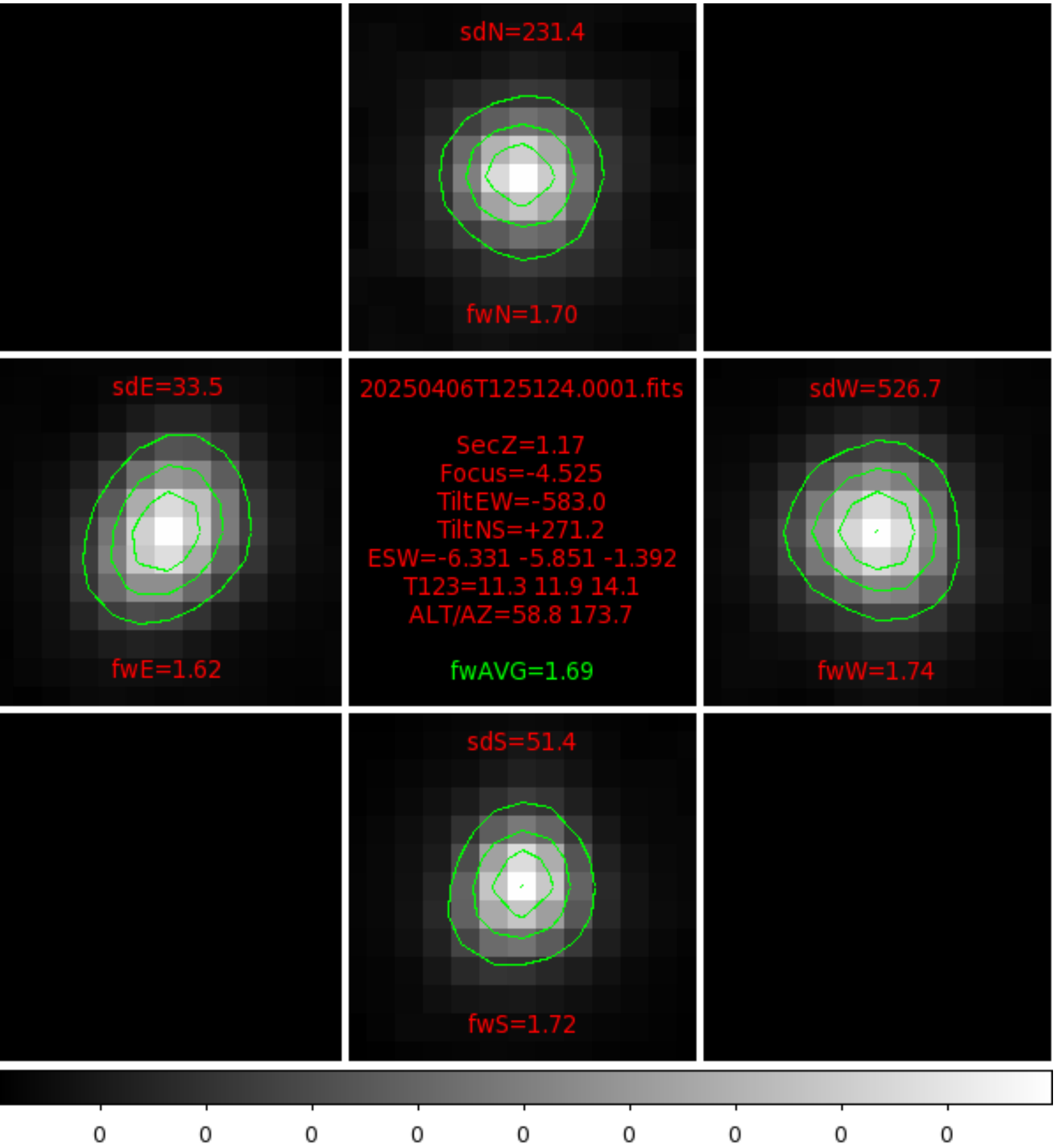
sdN=231.4
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sdE=33.5
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SecZ=1.17
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.9 14.1
ALT/AZ=58.8 173.7
fwAVG=1.69
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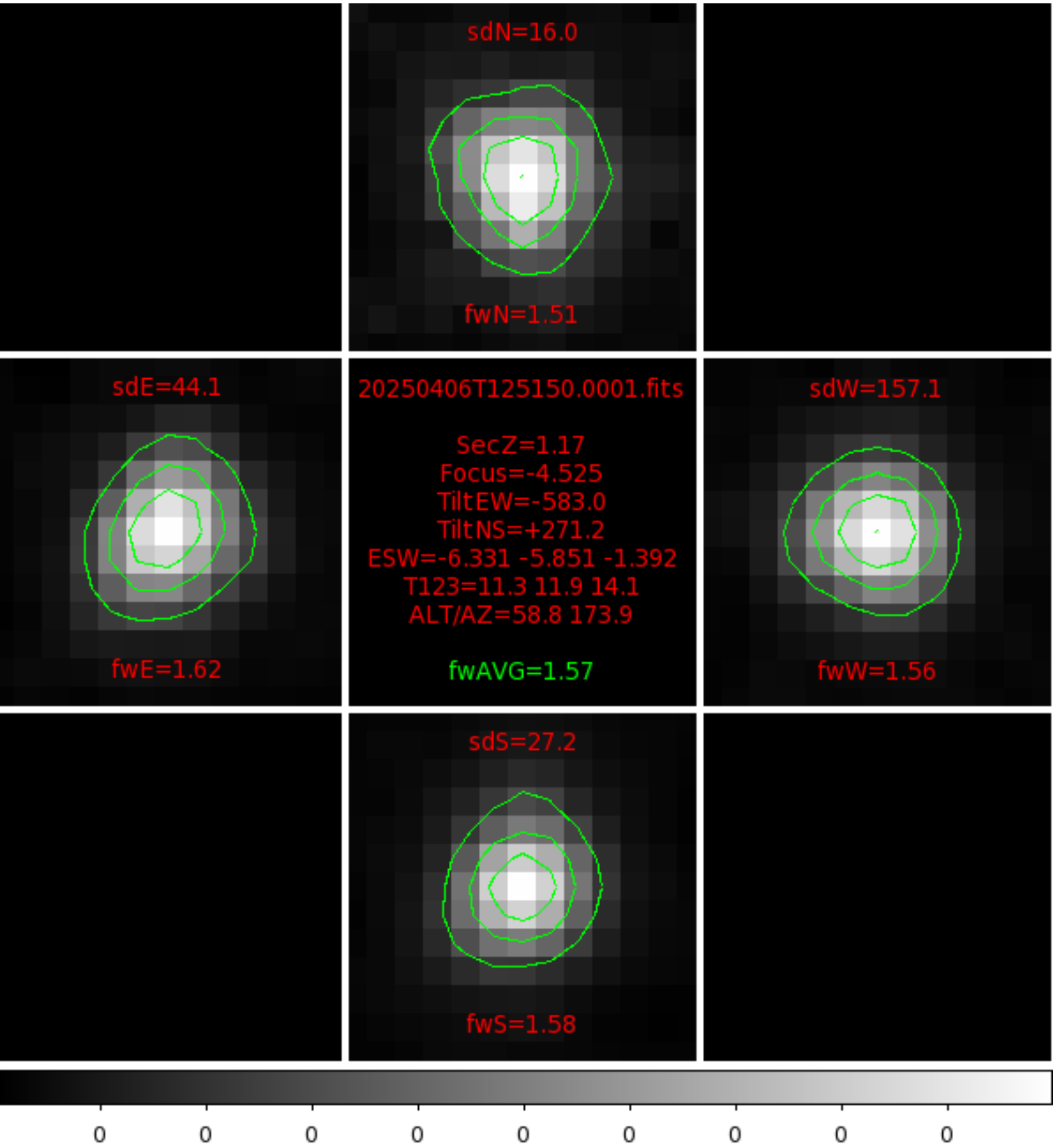
sdN=16.0
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sdE=44.1
fwE=1.62
20250406T125150.0001.fits
SecZ=1.17
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.9 14.1
ALT/AZ=58.8 173.9
fwAVG=1.57
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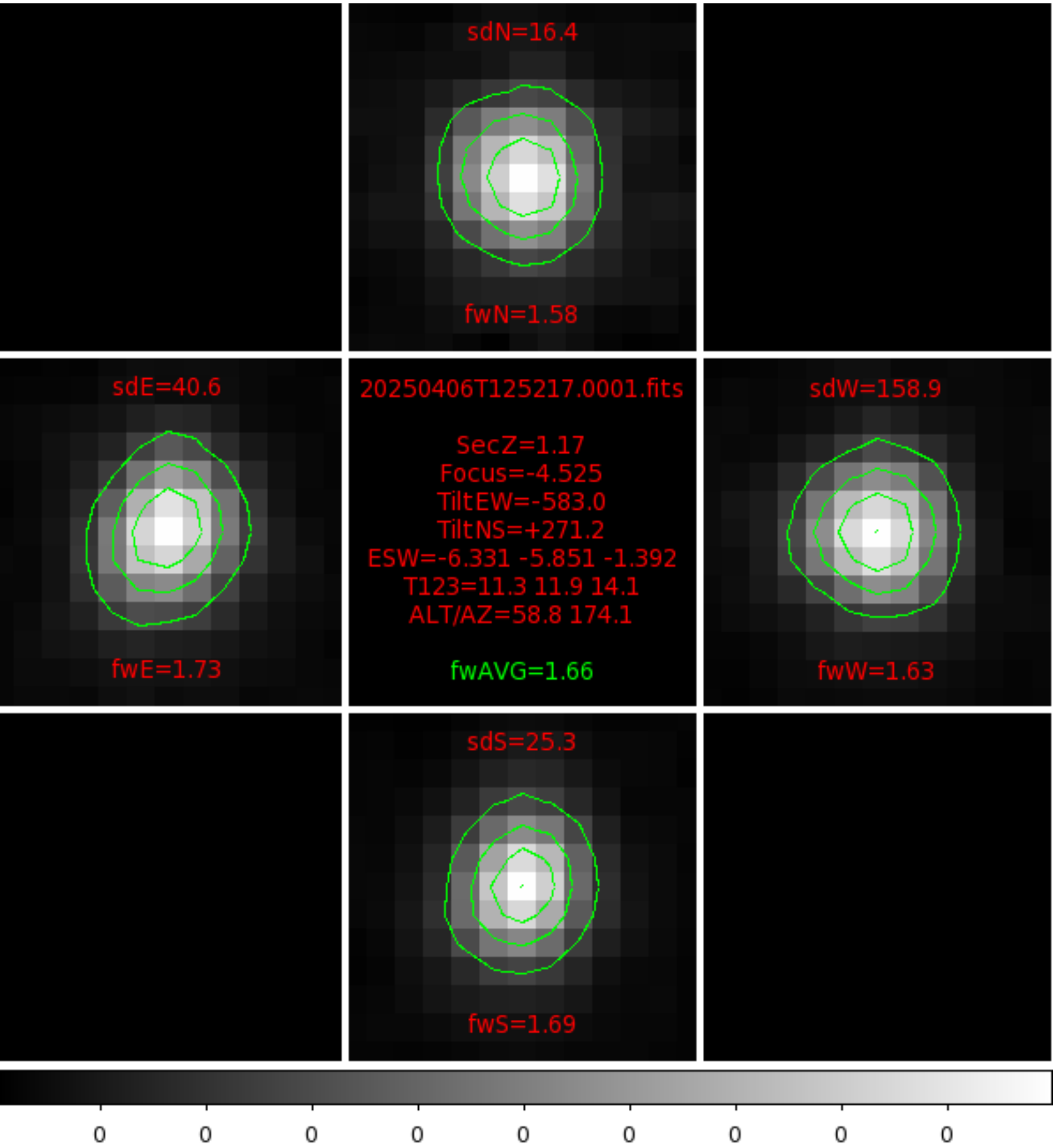
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20250406T125217.0001.fits
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Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.9 14.1
ALT/AZ=58.8 174.1
fwAVG=1.66
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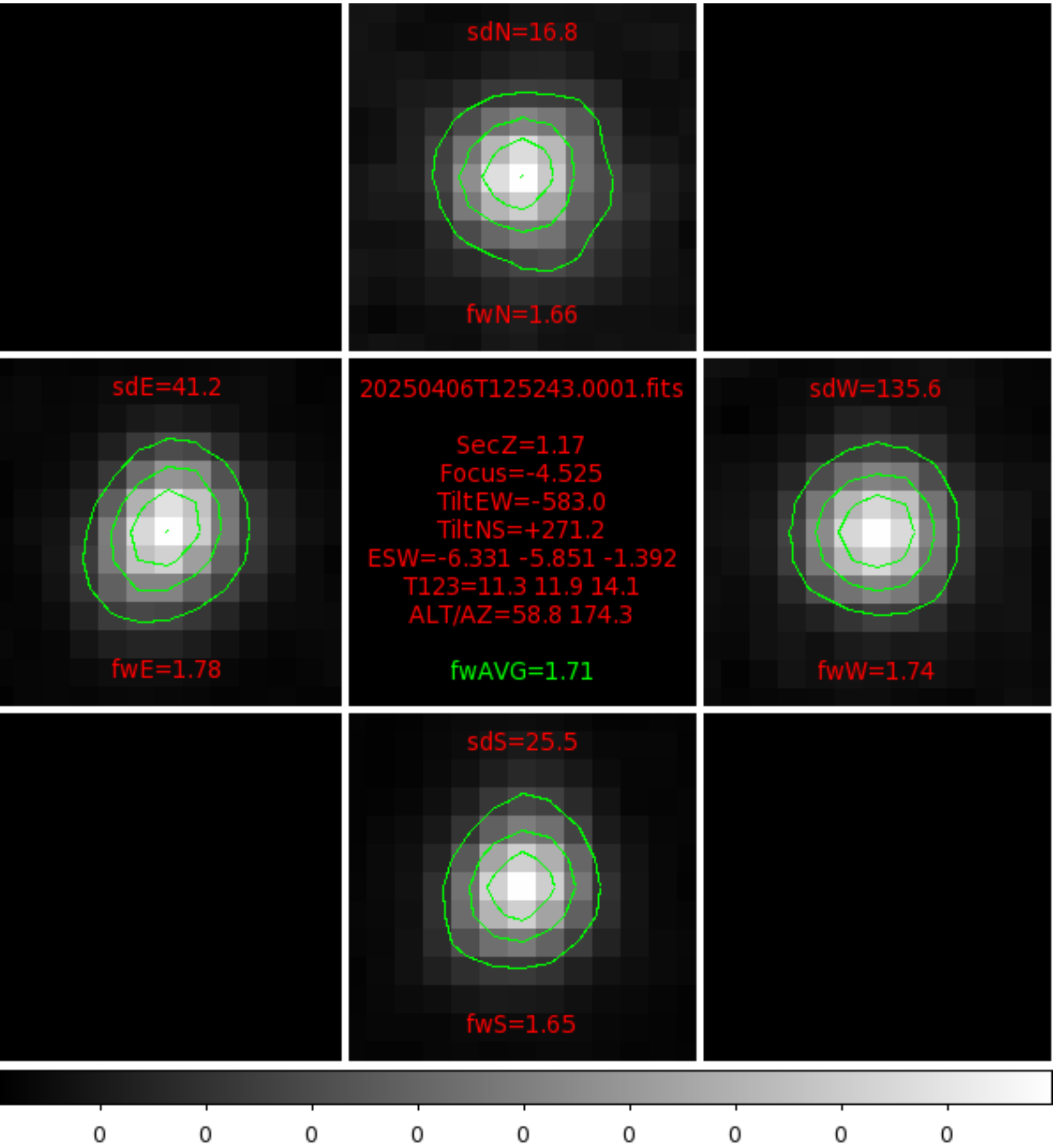
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TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.9 14.1
ALT/AZ=58.8 174.3
fwAVG=1.71
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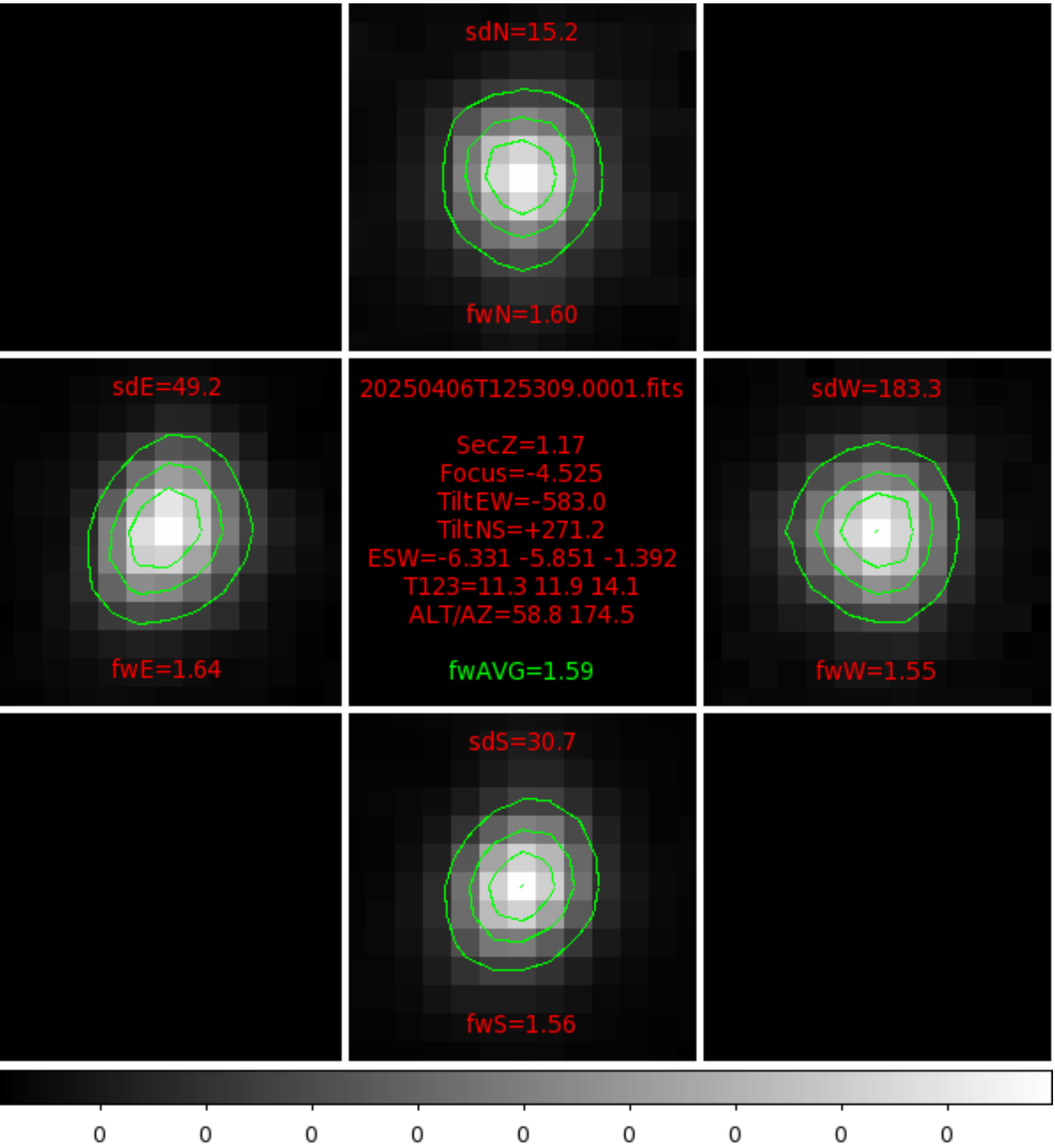
sdN=15.2
fwN=1.60
sdE=49.2
fwE=1.64
20250406T125309.0001.fits
SecZ=1.17
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.9 14.1
ALT/AZ=58.8 174.5
fwAVG=1.59
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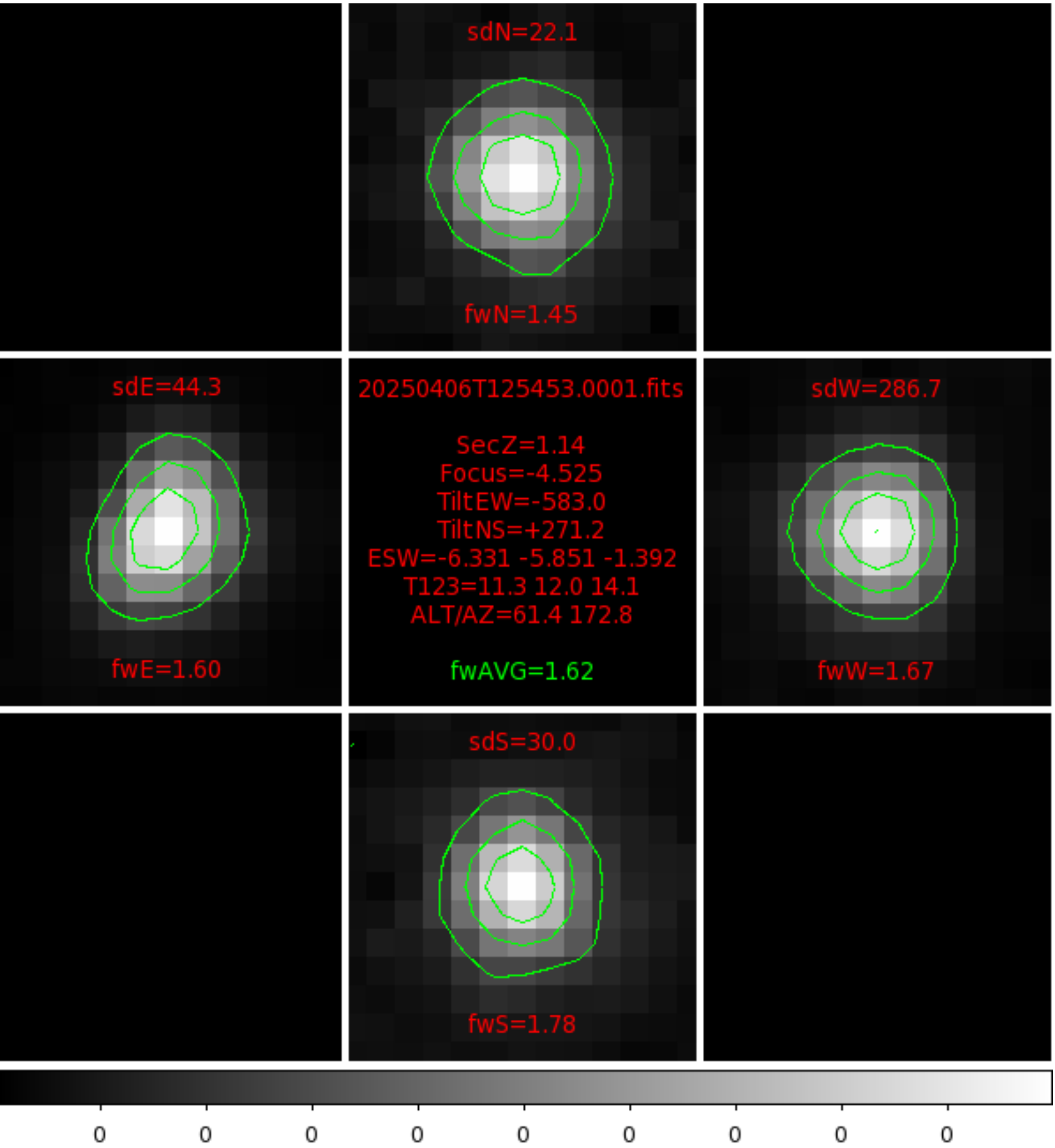
sdN=22.1
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sdE=44.3
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SecZ=1.14
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 12.0 14.1
ALT/AZ=61.4 172.8
fwAVG=1.62
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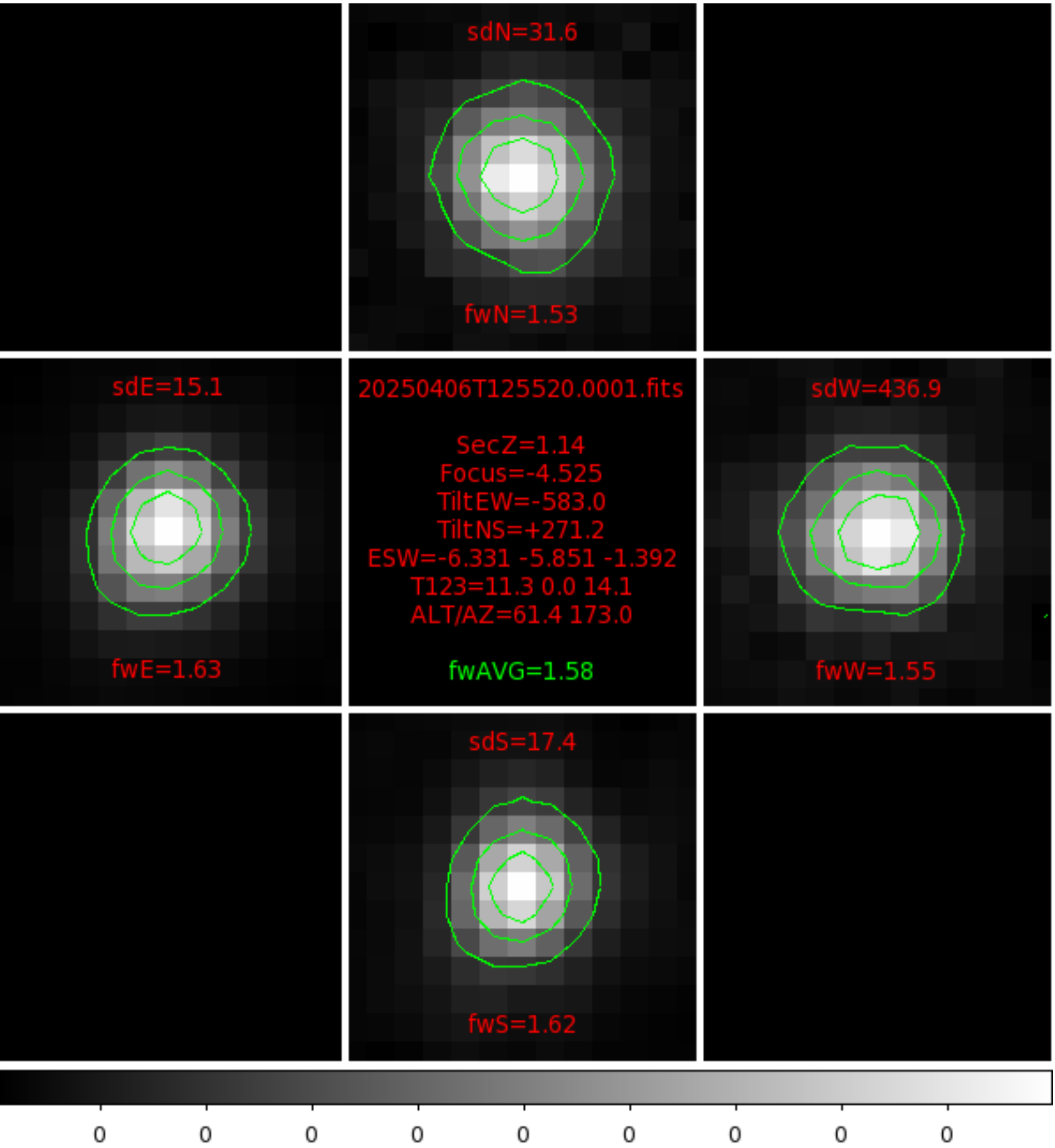
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fwN=1.53
sdE=15.1
fwE=1.63
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SecZ=1.14
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 0.0 14.1
ALT/AZ=61.4 173.0
fwAVG=1.58
sdW=436.9
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sdS=17.4
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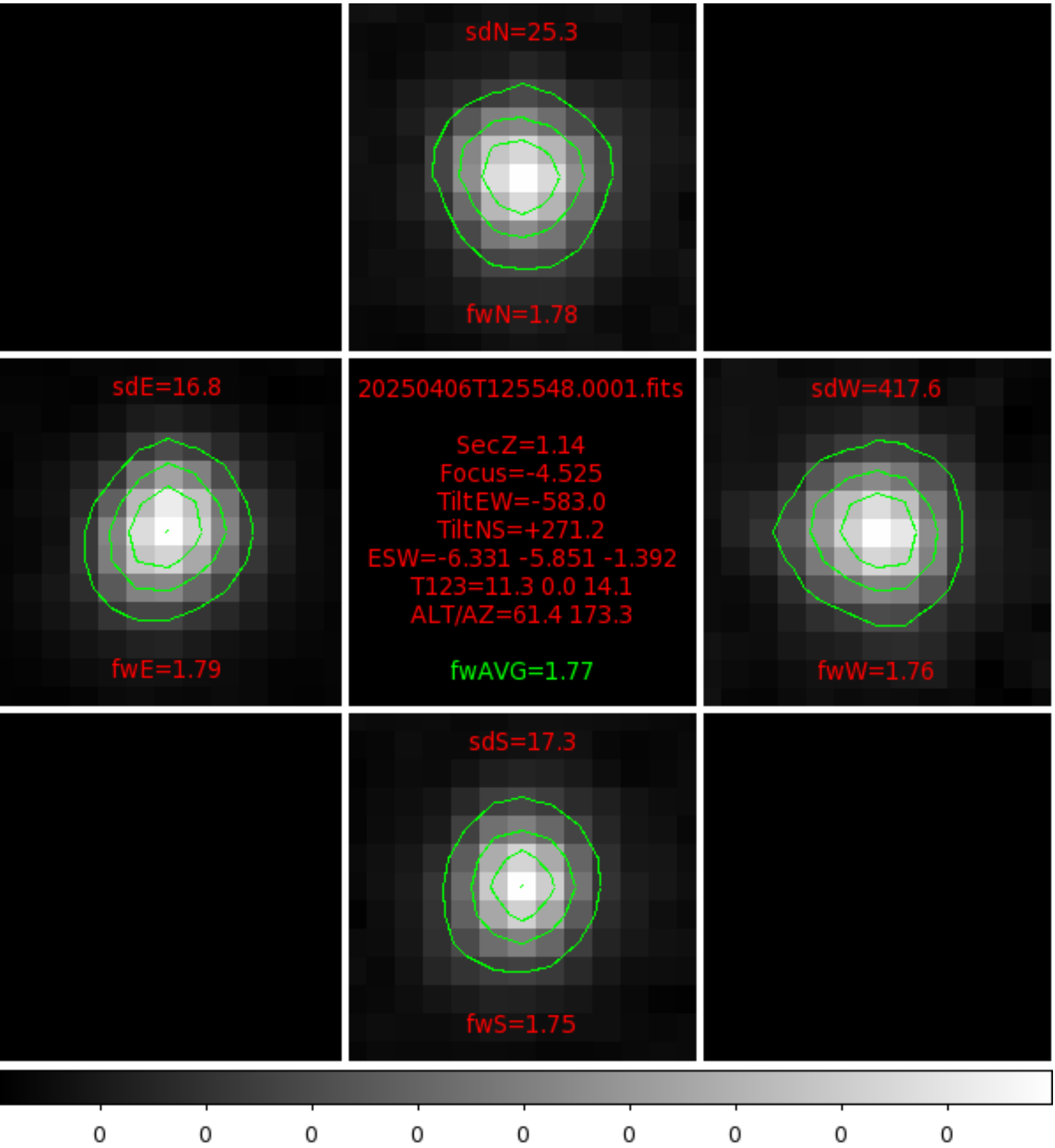
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sdE=16.8
fwE=1.79
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 0.0 14.1
ALT/AZ=61.4 173.3
fwAVG=1.77
sdW=417.6
fwW=1.76
sdS=17.3
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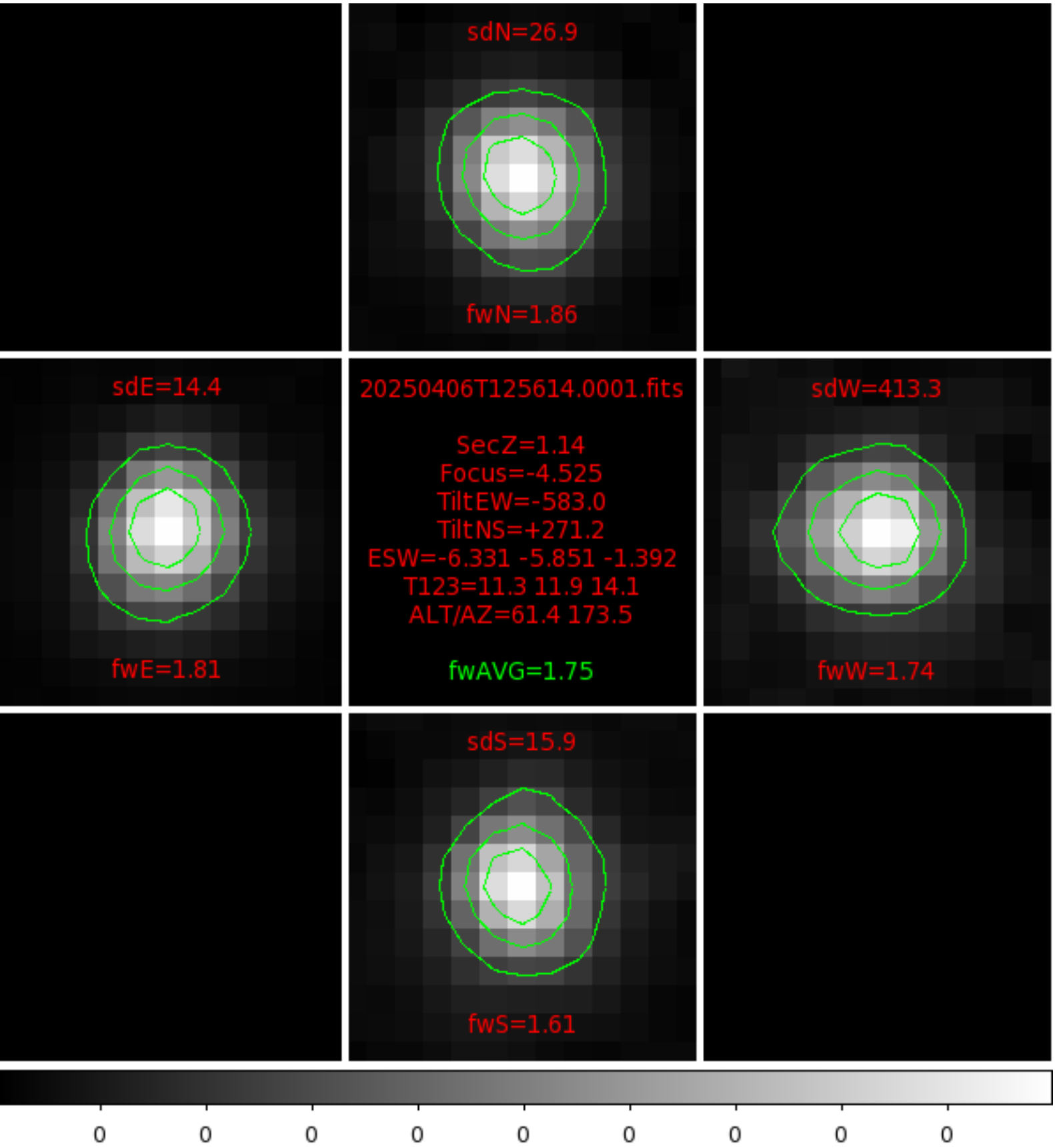
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SecZ=1.14
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TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.9 14.1
ALT/AZ=61.4 173.5
fwAVG=1.75
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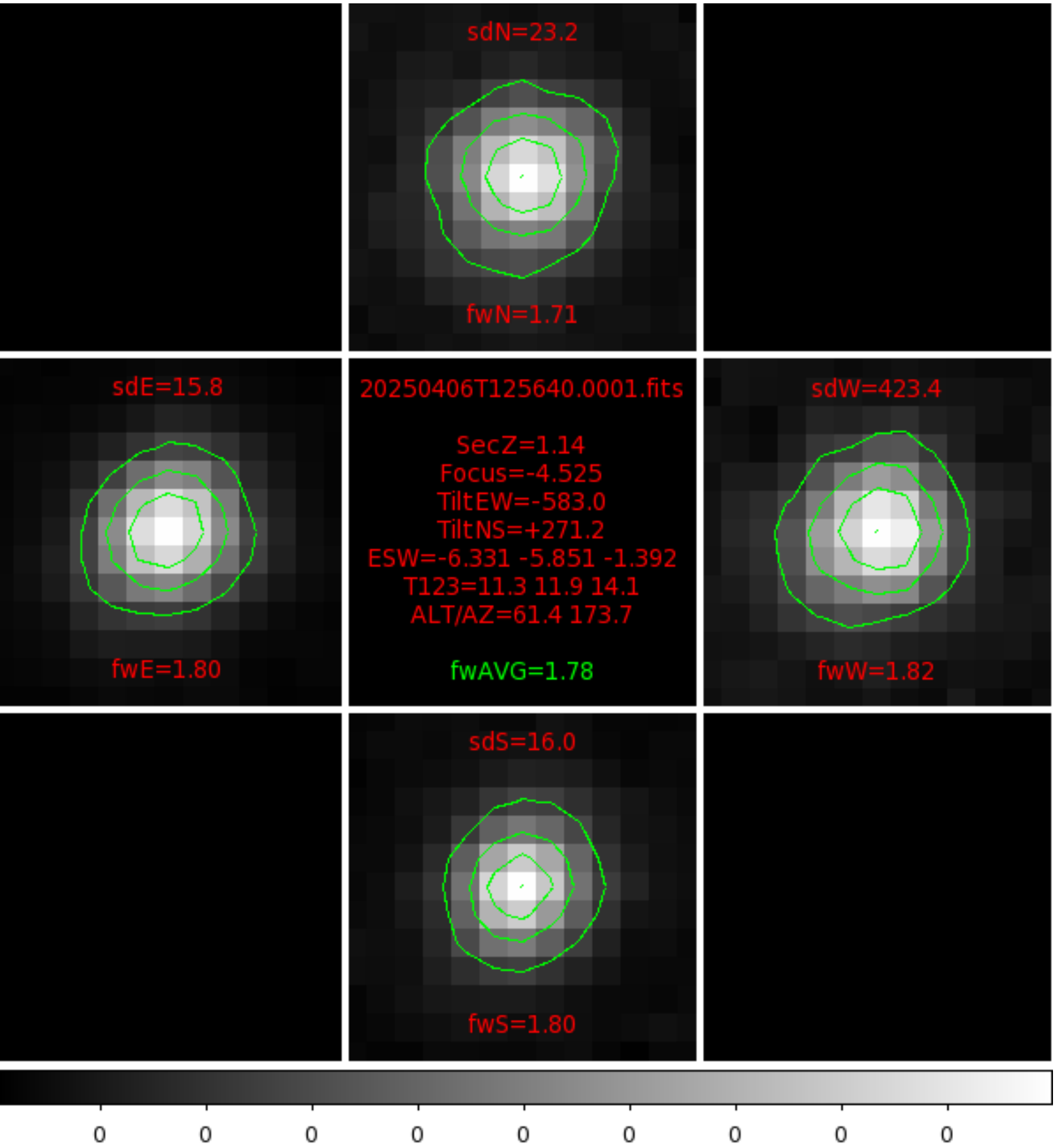
sdN=23.2
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sdE=15.8
fwE=1.80
20250406T125640.0001.fits
SecZ=1.14
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.9 14.1
ALT/AZ=61.4 173.7
fwAVG=1.78
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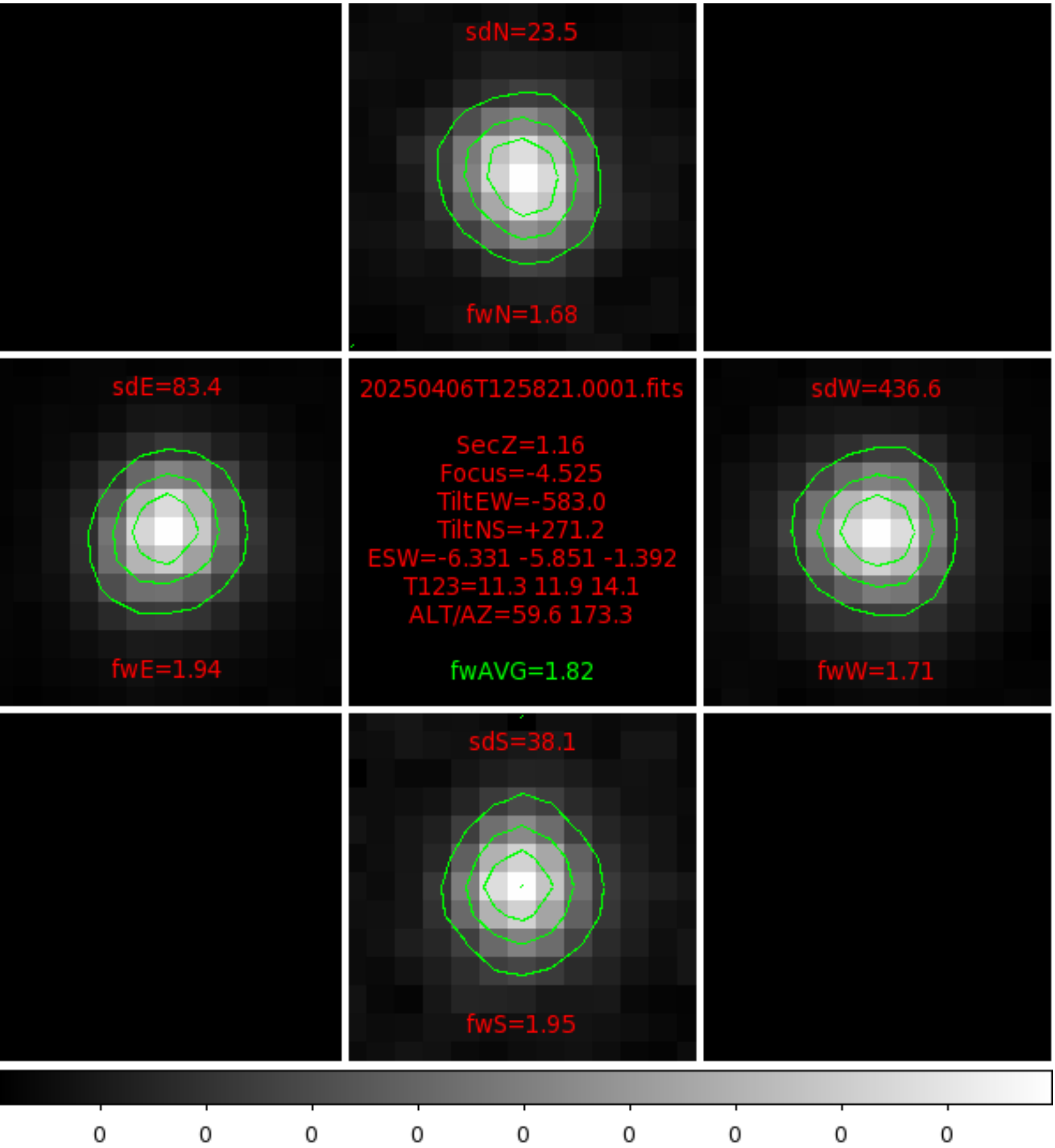
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sdE=83.4
fwE=1.94
20250406T125821.0001.fits
SecZ=1.16
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.9 14.1
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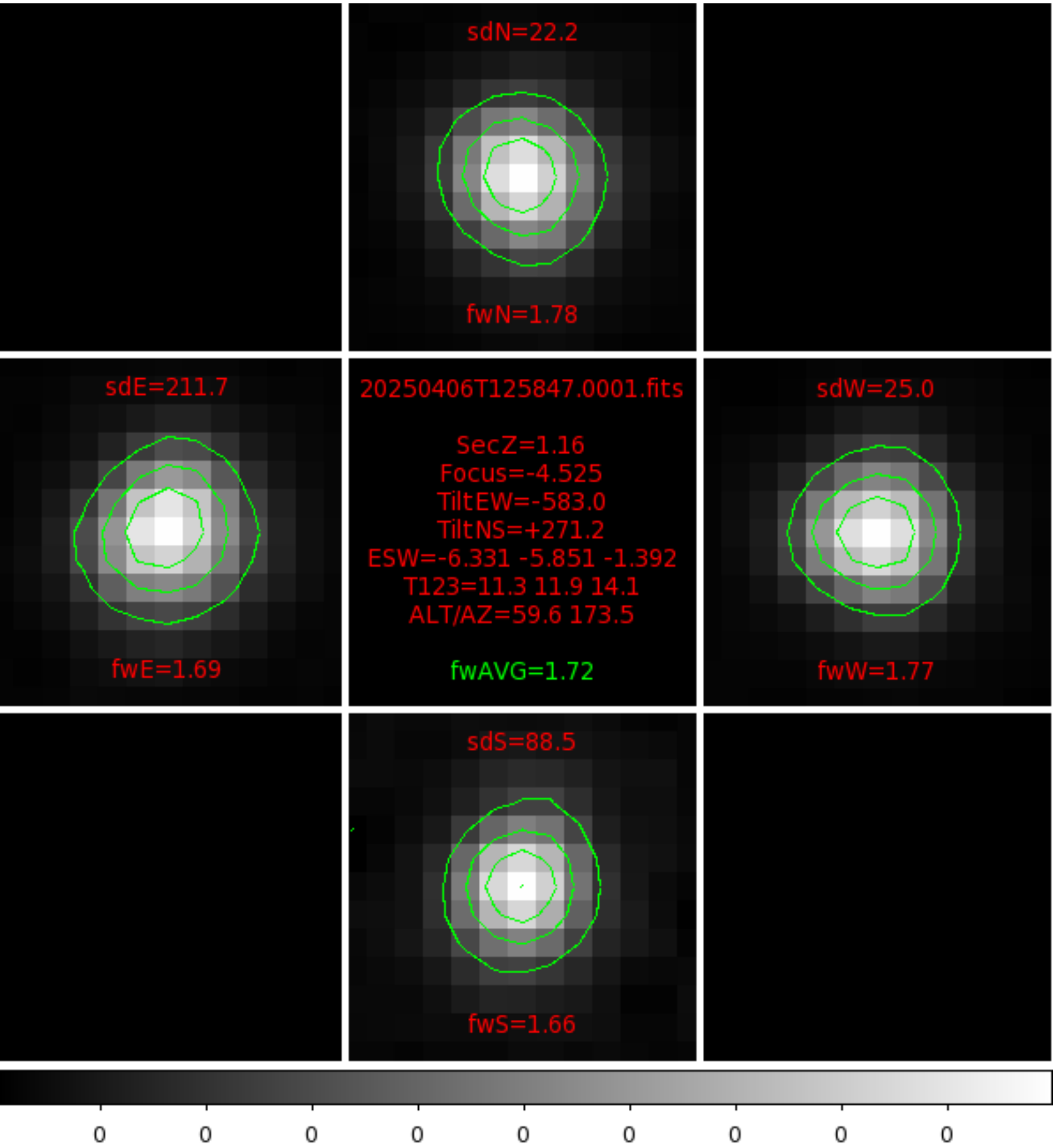
sdN=22.2
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sdE=211.7
fwE=1.69
20250406T125847.0001.fits
SecZ=1.16
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.9 14.1
ALT/AZ=59.6 173.5
fwAVG=1.72
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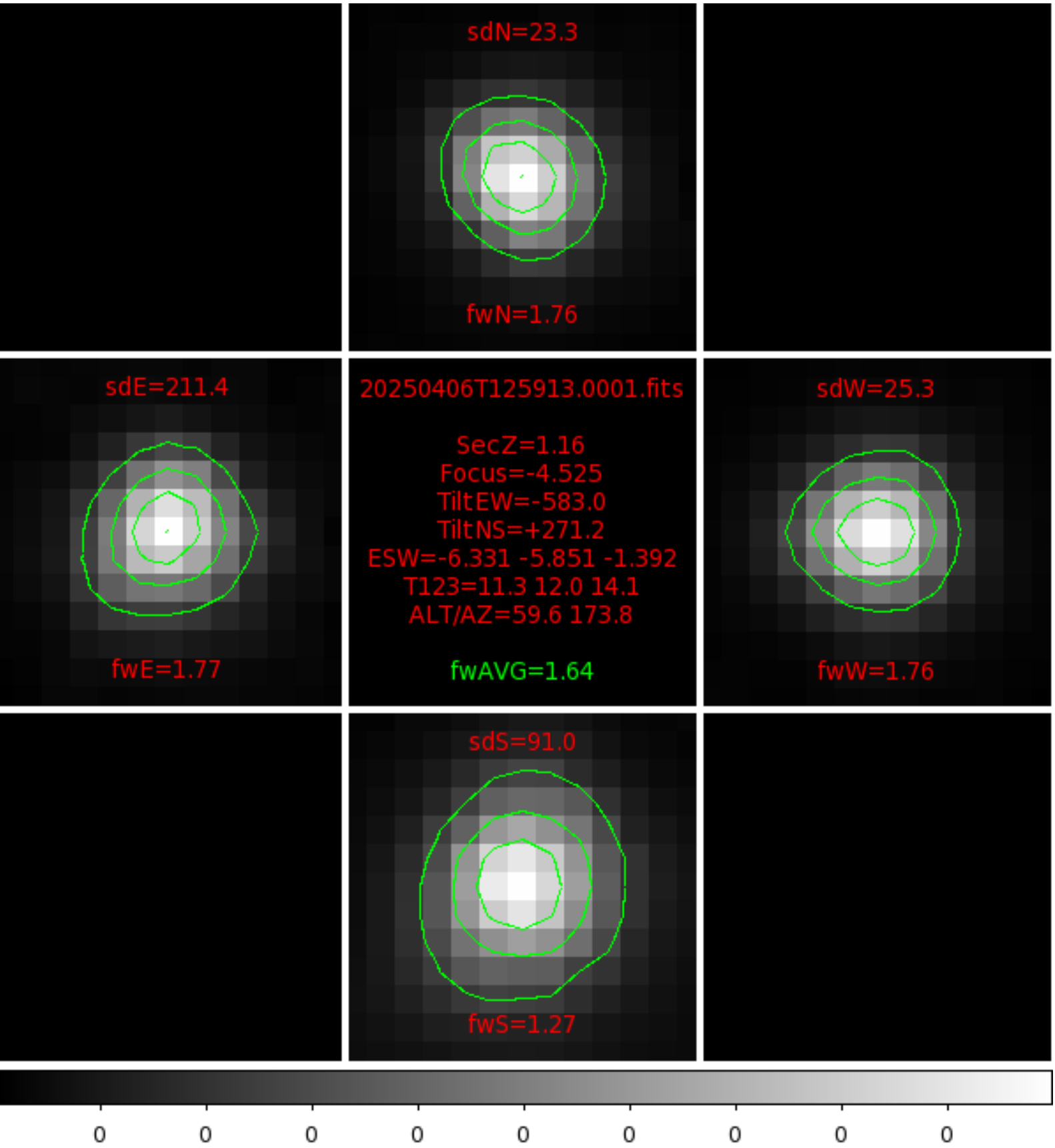
sdN=23.3
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sdE=211.4
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20250406T125913.0001.fits
SecZ=1.16
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 12.0 14.1
ALT/AZ=59.6 173.8
fwAVG=1.64
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sdS=91.0
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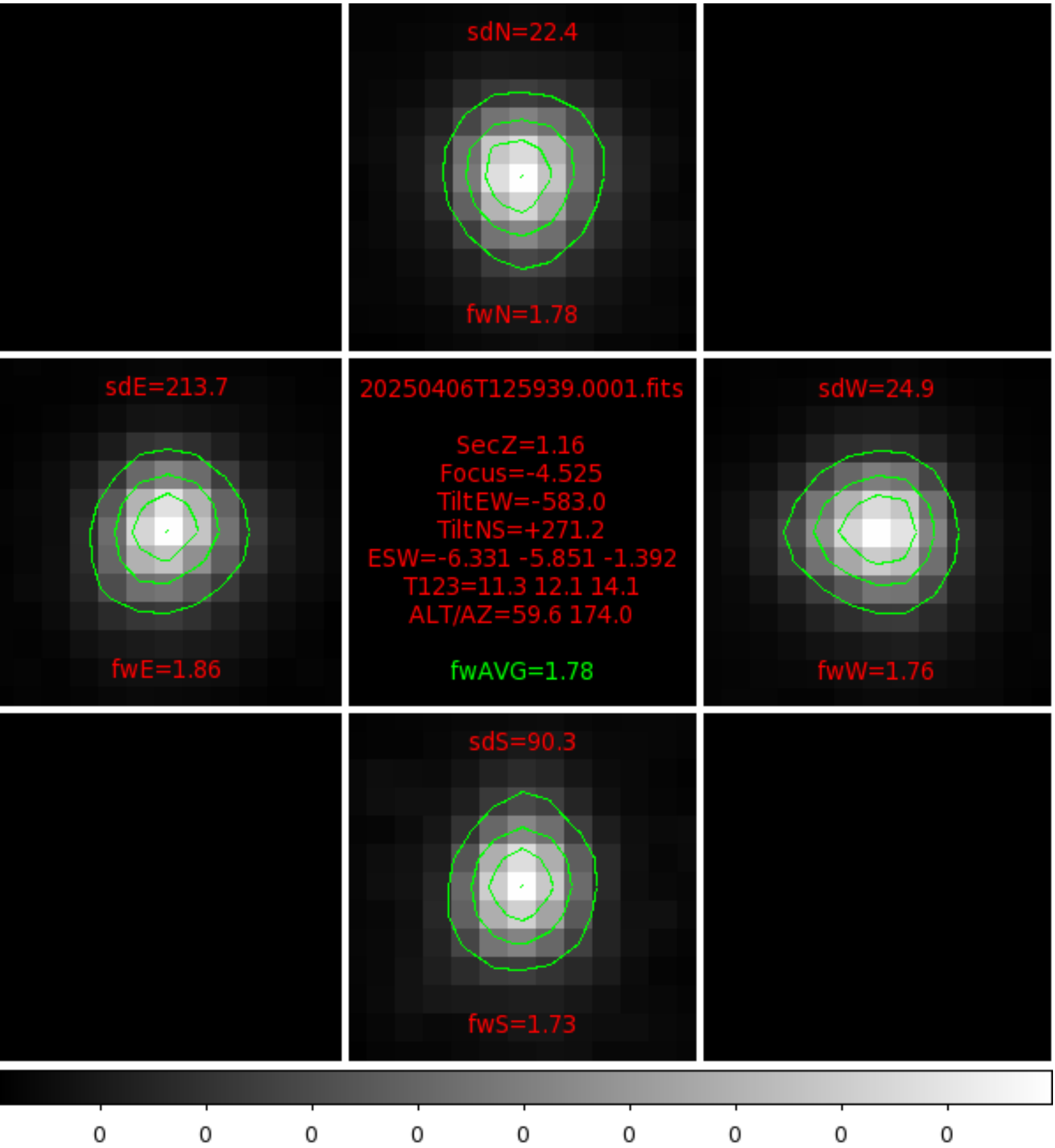
sdN=22.4
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20250406T125939.0001.fits
SecZ=1.16
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 12.1 14.1
ALT/AZ=59.6 174.0
fwAVG=1.78
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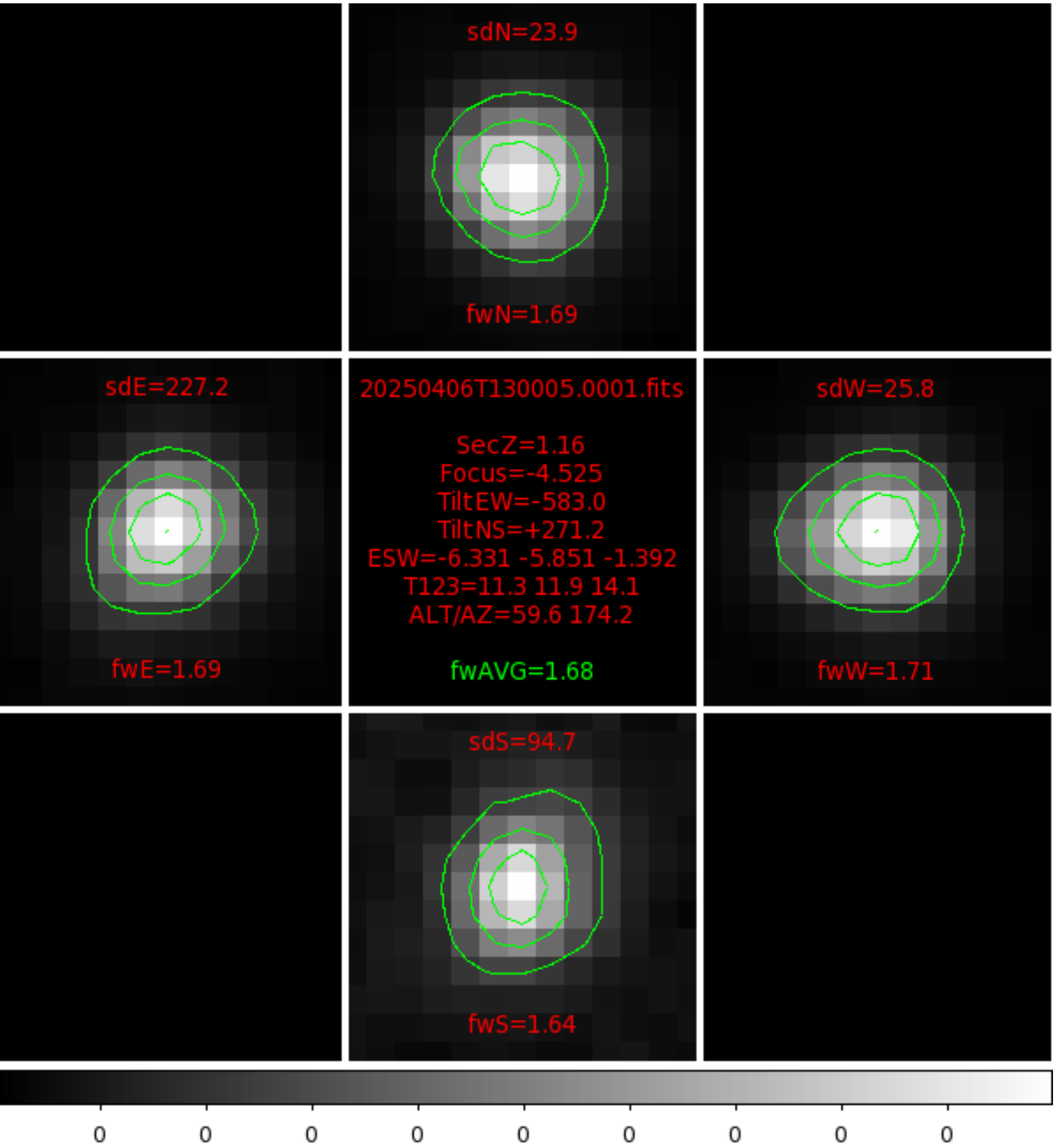
sdN=23.9
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sdE=227.2
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20250406T130005.0001.fits
SecZ=1.16
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.9 14.1
ALT/AZ=59.6 174.2
fwAVG=1.68
sdW=25.8
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sdS=94.7
fwS=1.64
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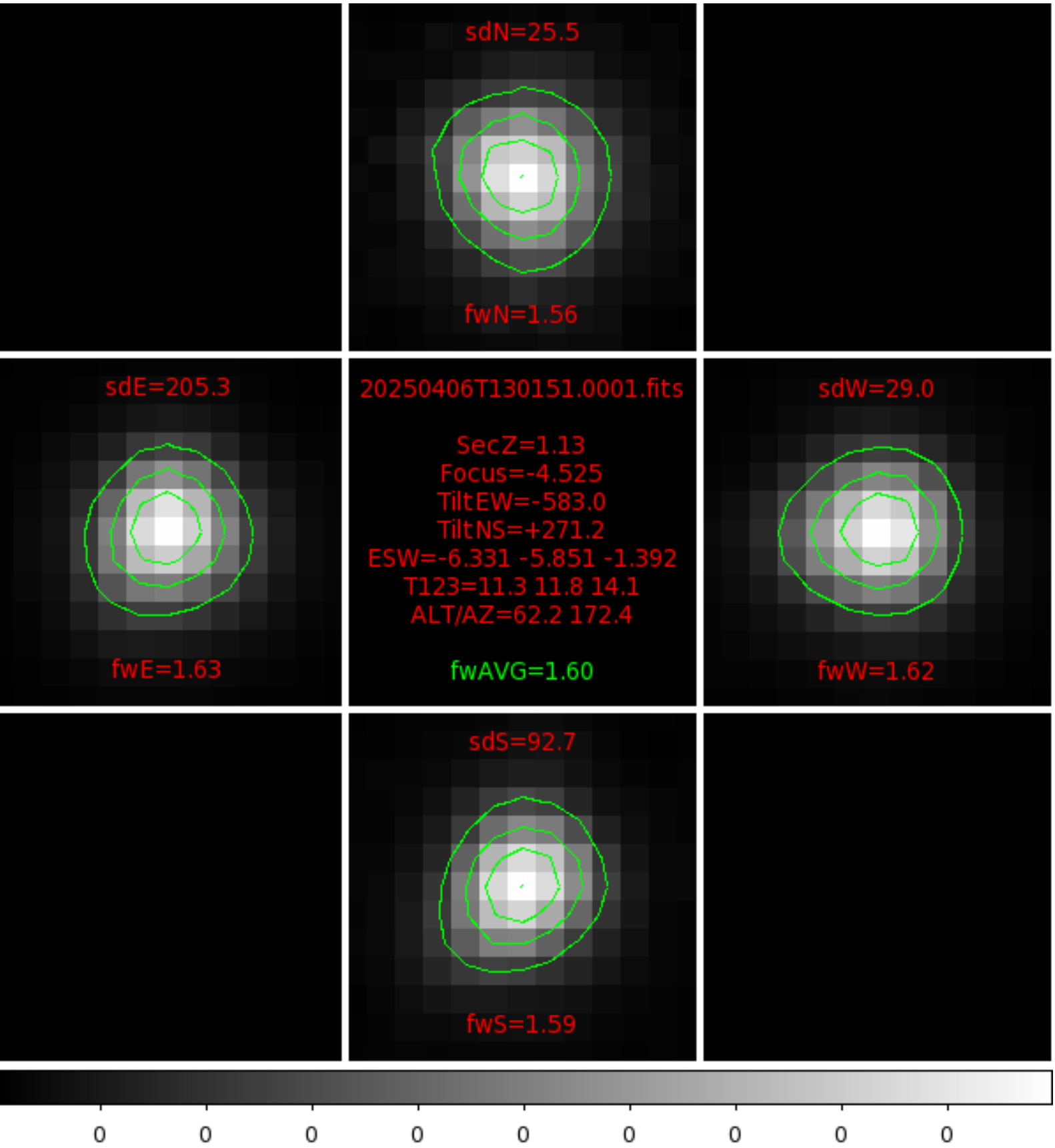
sdN=25.5
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sdE=205.3
fwE=1.63
20250406T130151.0001.fits
SecZ=1.13
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 11.8 14.1
ALT/AZ=62.2 172.4
fwAVG=1.60
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fwW=1.62
sdS=92.7
fwS=1.59
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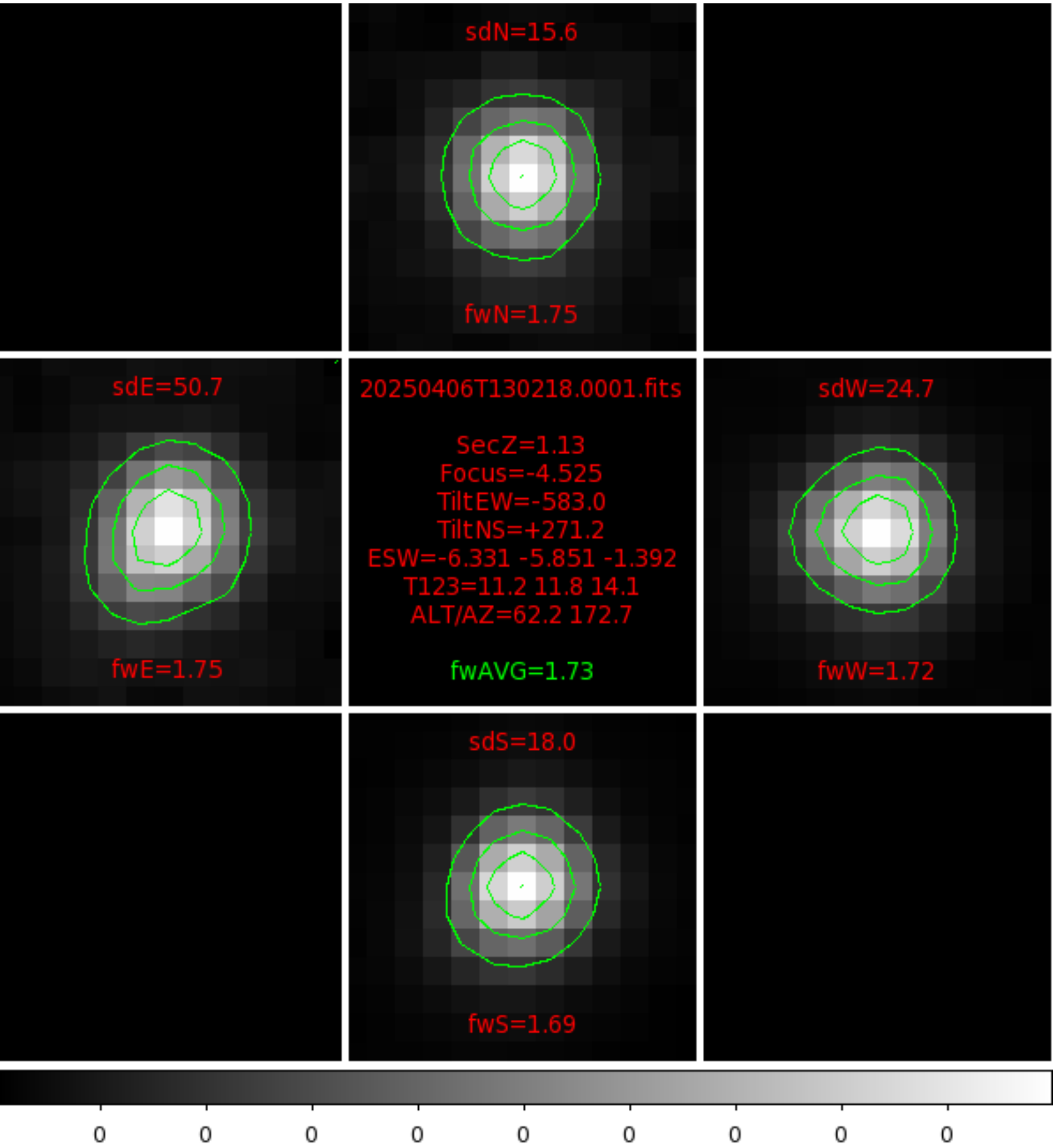
sdN=15.6
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20250406T130218.0001.fits
SecZ=1.13
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.2 11.8 14.1
ALT/AZ=62.2 172.7
fwAVG=1.73
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sdS=18.0
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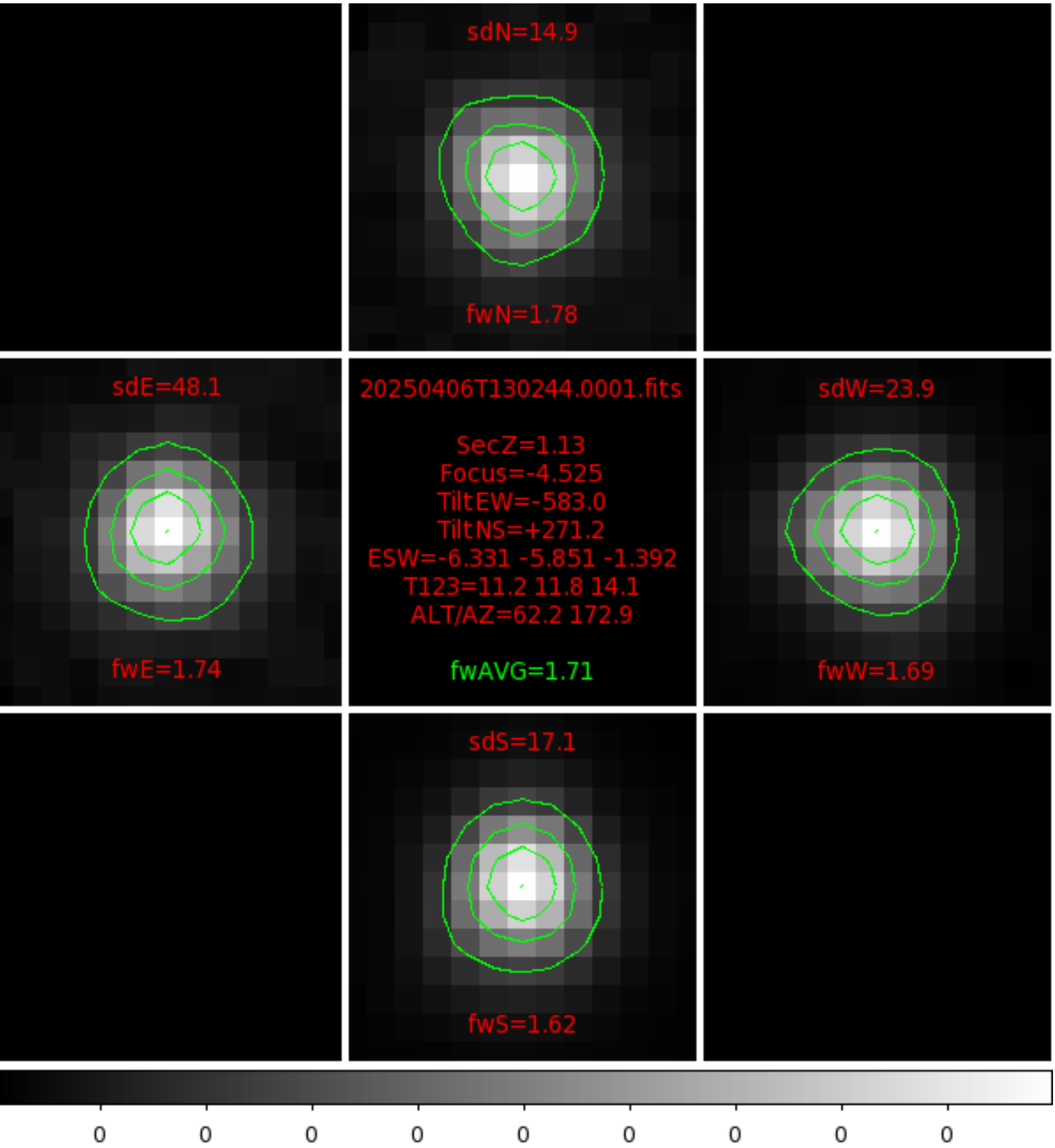
sdN=14.9
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SecZ=1.13
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.2 11.8 14.1
ALT/AZ=62.2 172.9
fwAVG=1.71
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sdS=17.1
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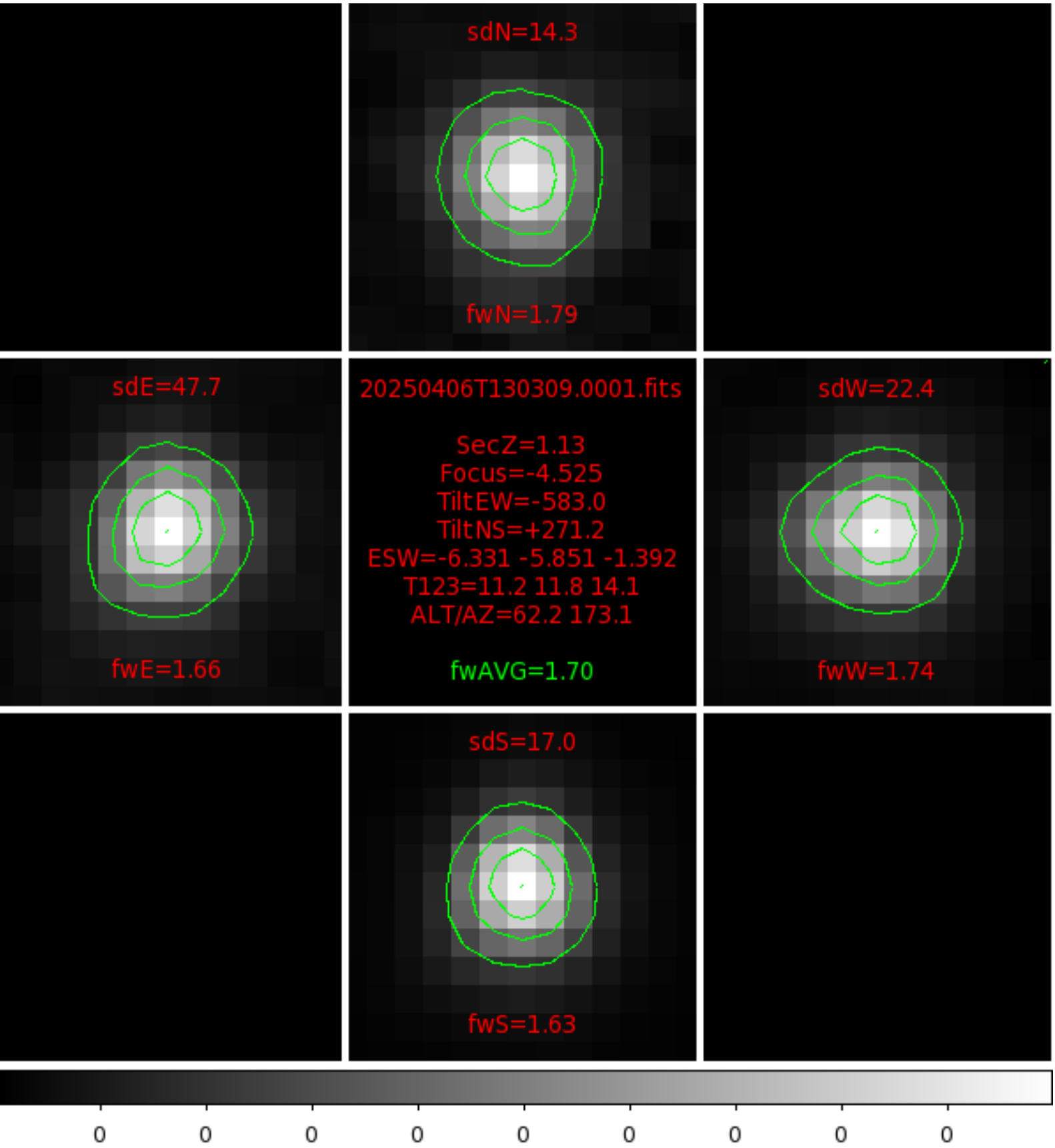
sdN=14.3
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sdE=47.7
fwE=1.66
20250406T130309.0001.fits
SecZ=1.13
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.2 11.8 14.1
ALT/AZ=62.2 173.1
fwAVG=1.70
sdW=22.4
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sdS=17.0
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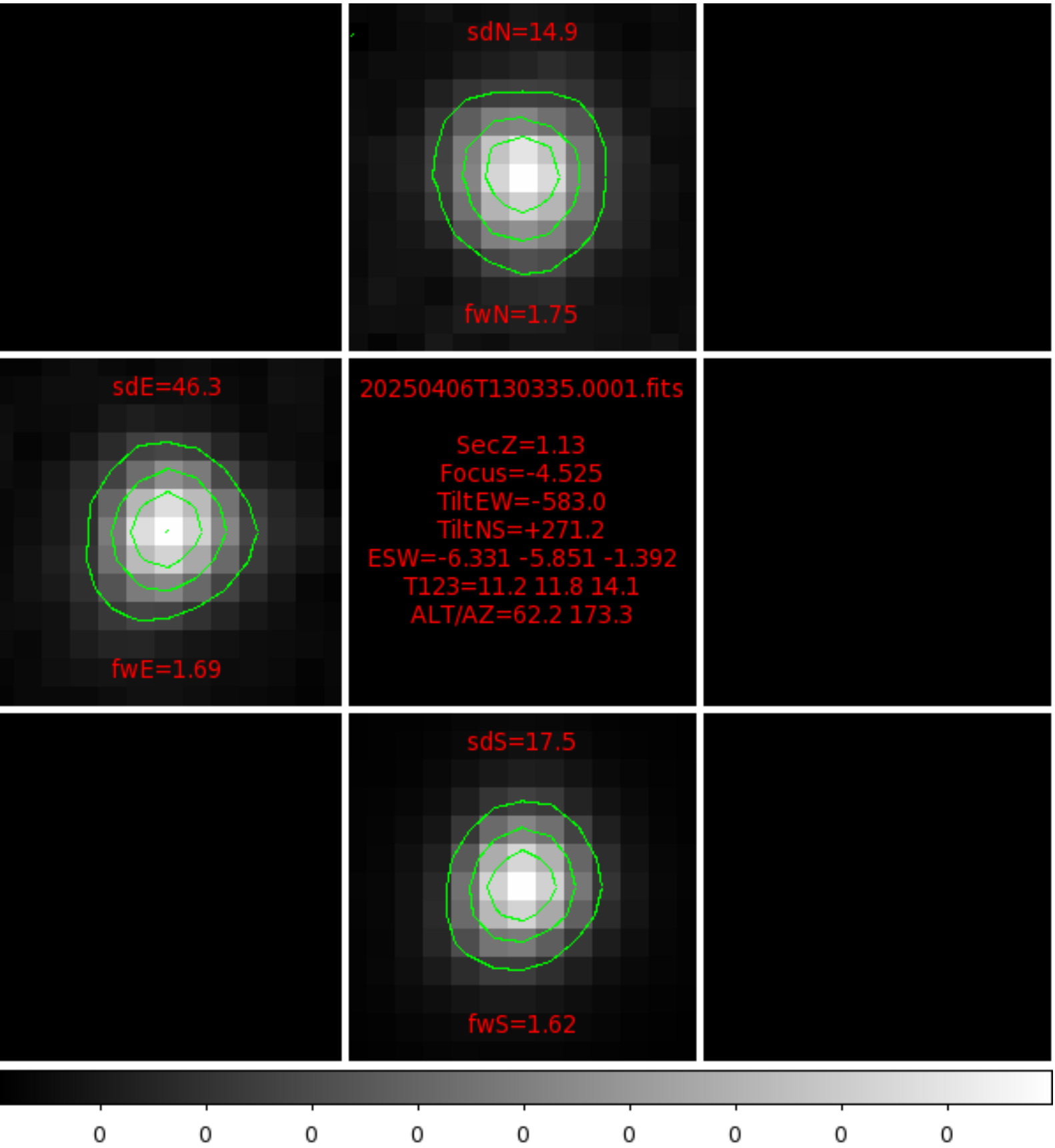
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20250406T130335.0001.fits
SecZ=1.13
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.2 11.8 14.1
ALT/AZ=62.2 173.3
sdS=17.5
fwS=1.62
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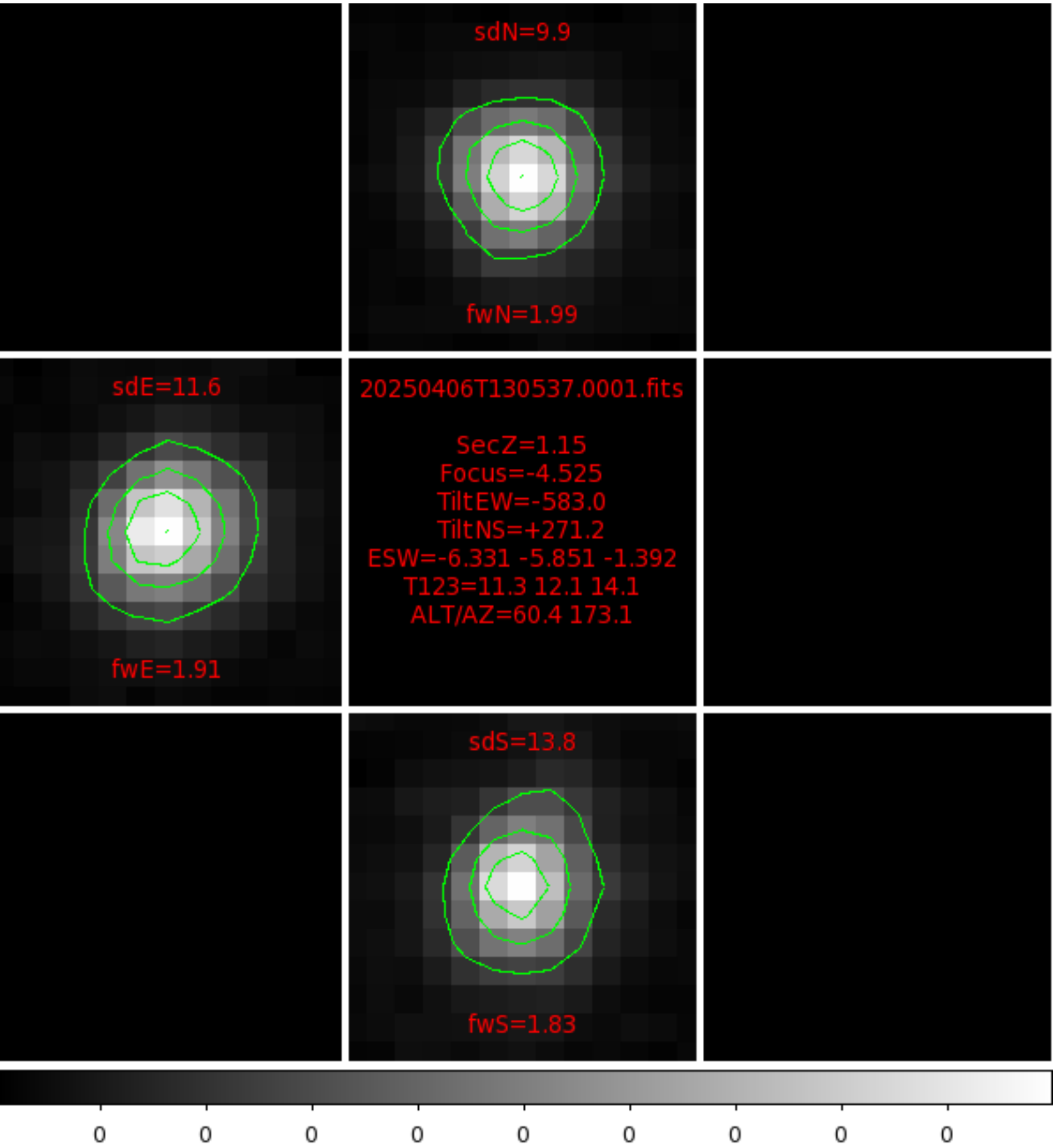
sdN=9.9
fwN=1.99
sdE=11.6
fwE=1.91
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SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 12.1 14.1
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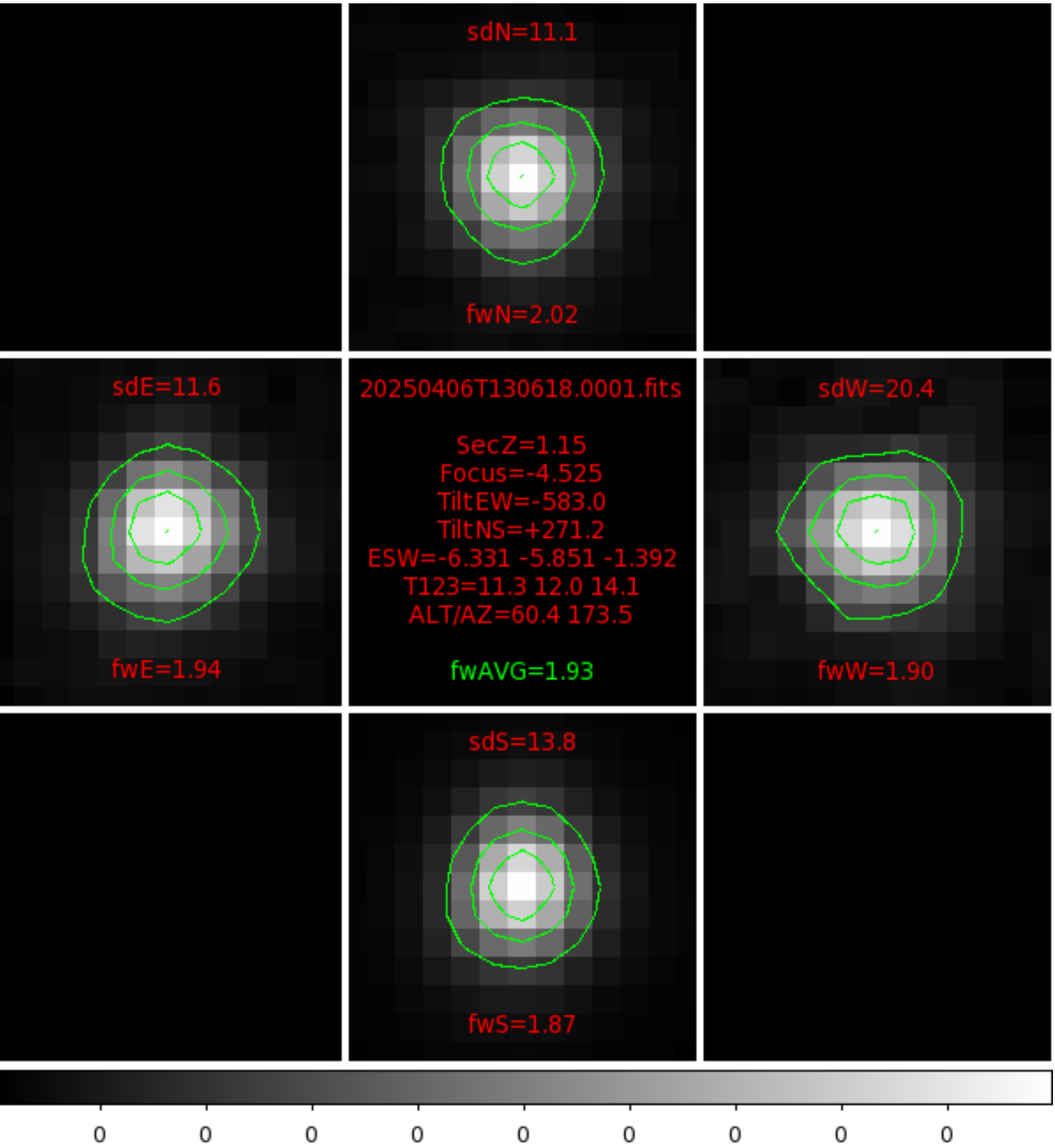
sdN=11.1
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sdE=11.6
fwE=1.94
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SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.3 12.0 14.1
ALT/AZ=60.4 173.5
fwAVG=1.93
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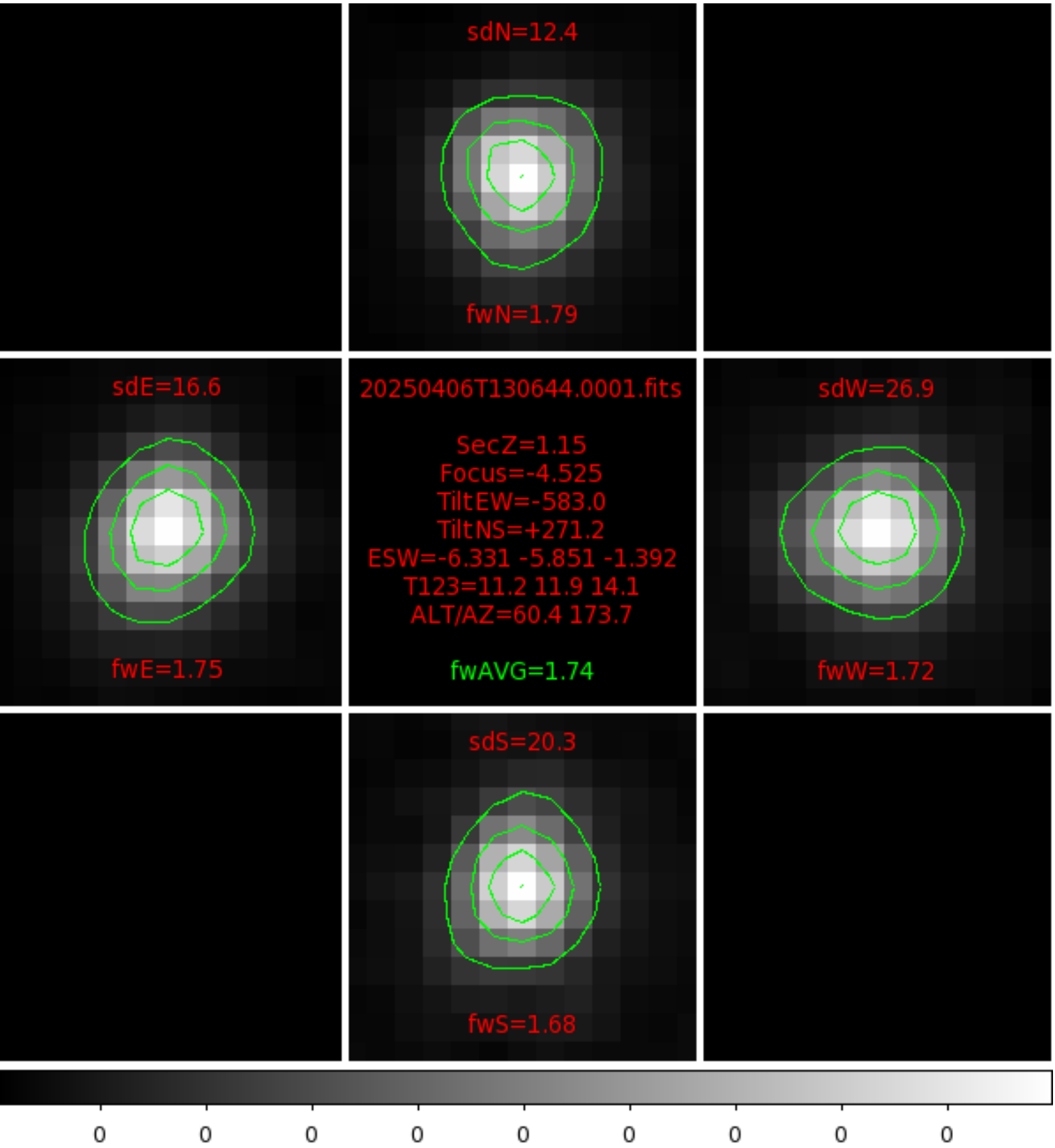
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fwN=1.79
sdE=16.6
fwE=1.75
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SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.2 11.9 14.1
ALT/AZ=60.4 173.7
fwAVG=1.74
sdW=26.9
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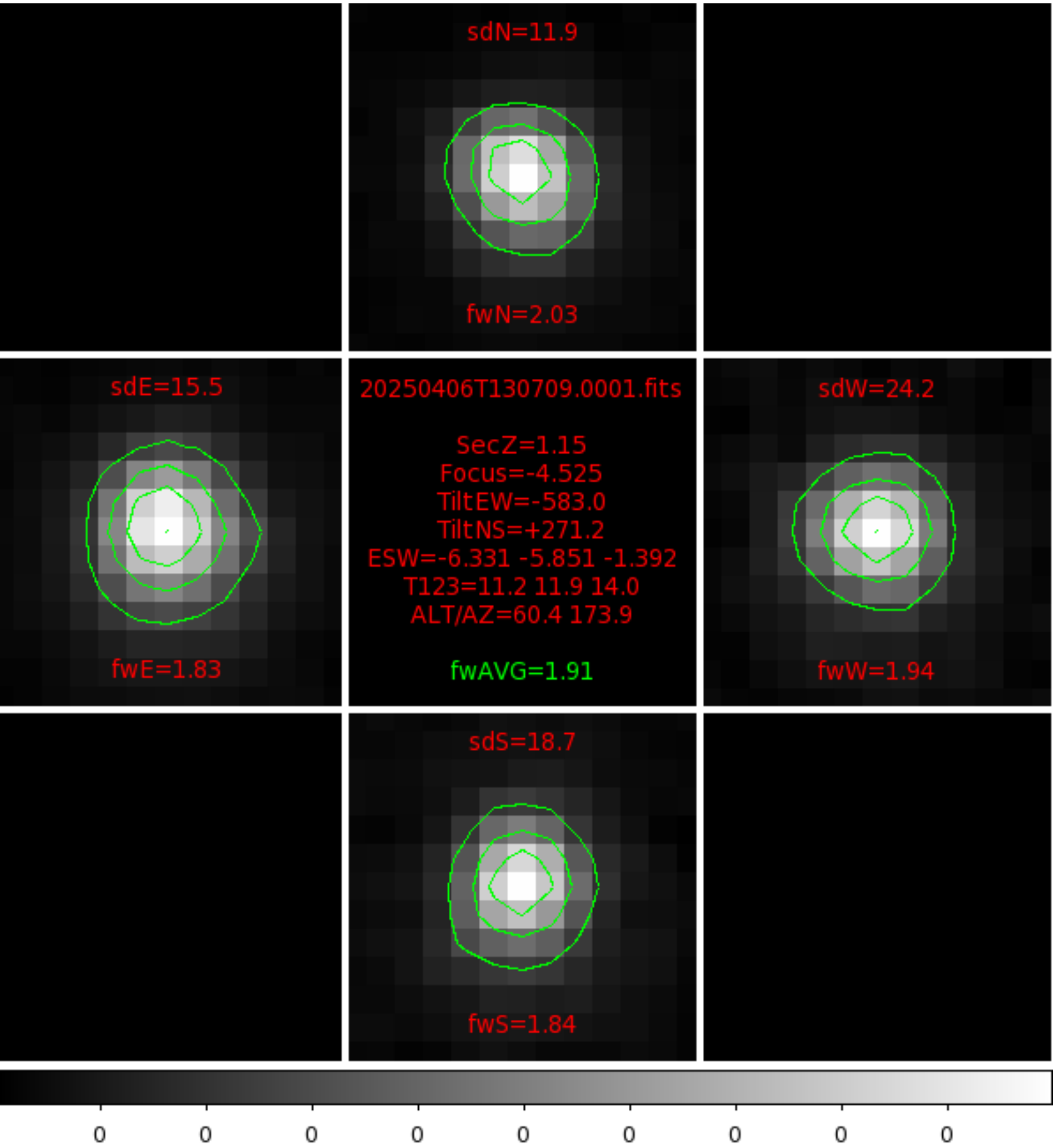
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sdE=15.5
fwE=1.83
20250406T130709.0001.fits
SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.2 11.9 14.0
ALT/AZ=60.4 173.9
fwAVG=1.91
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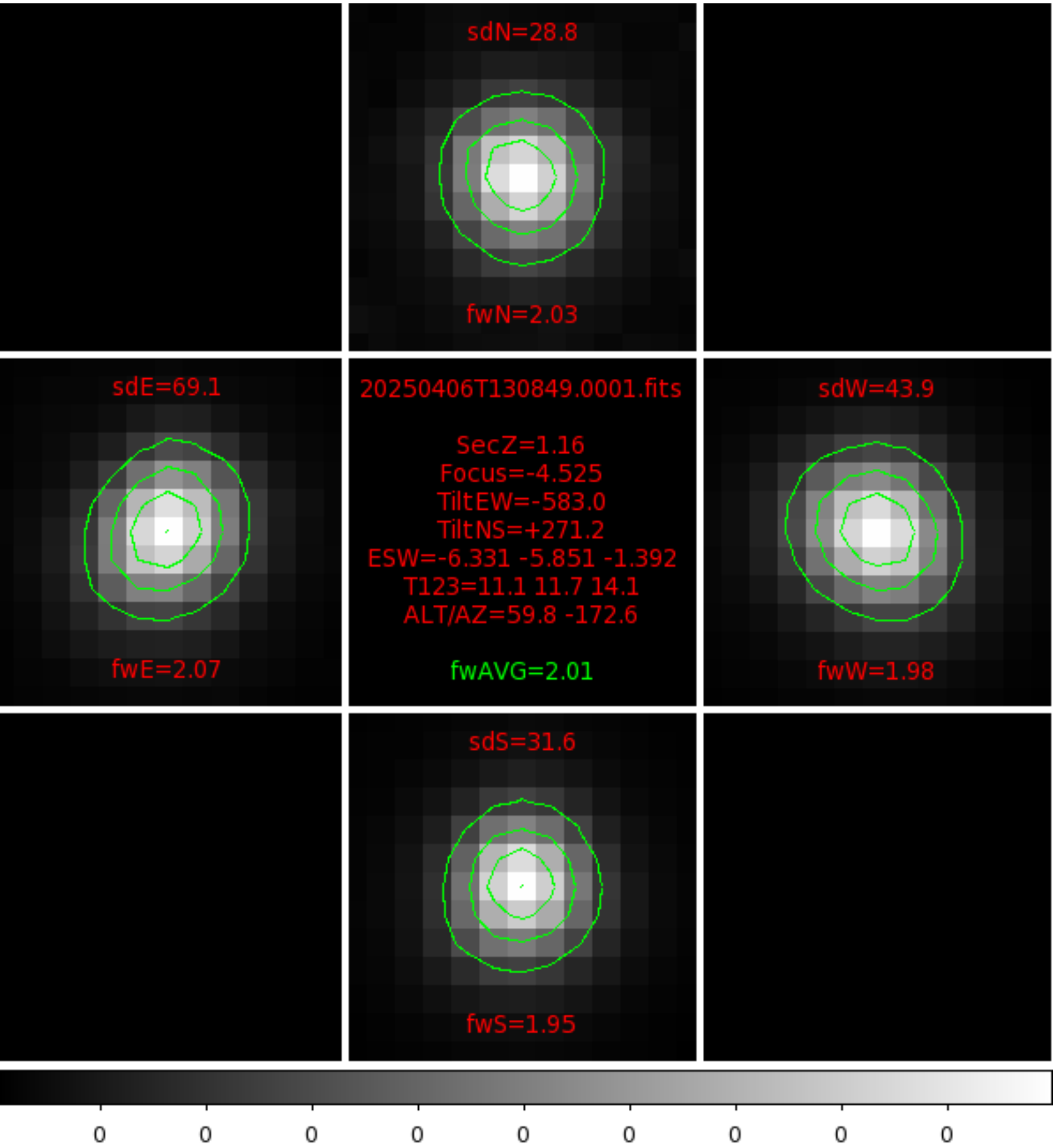
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sdE=69.1
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SecZ=1.16
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.7 14.1
ALT/AZ=59.8 -172.6
fwAVG=2.01
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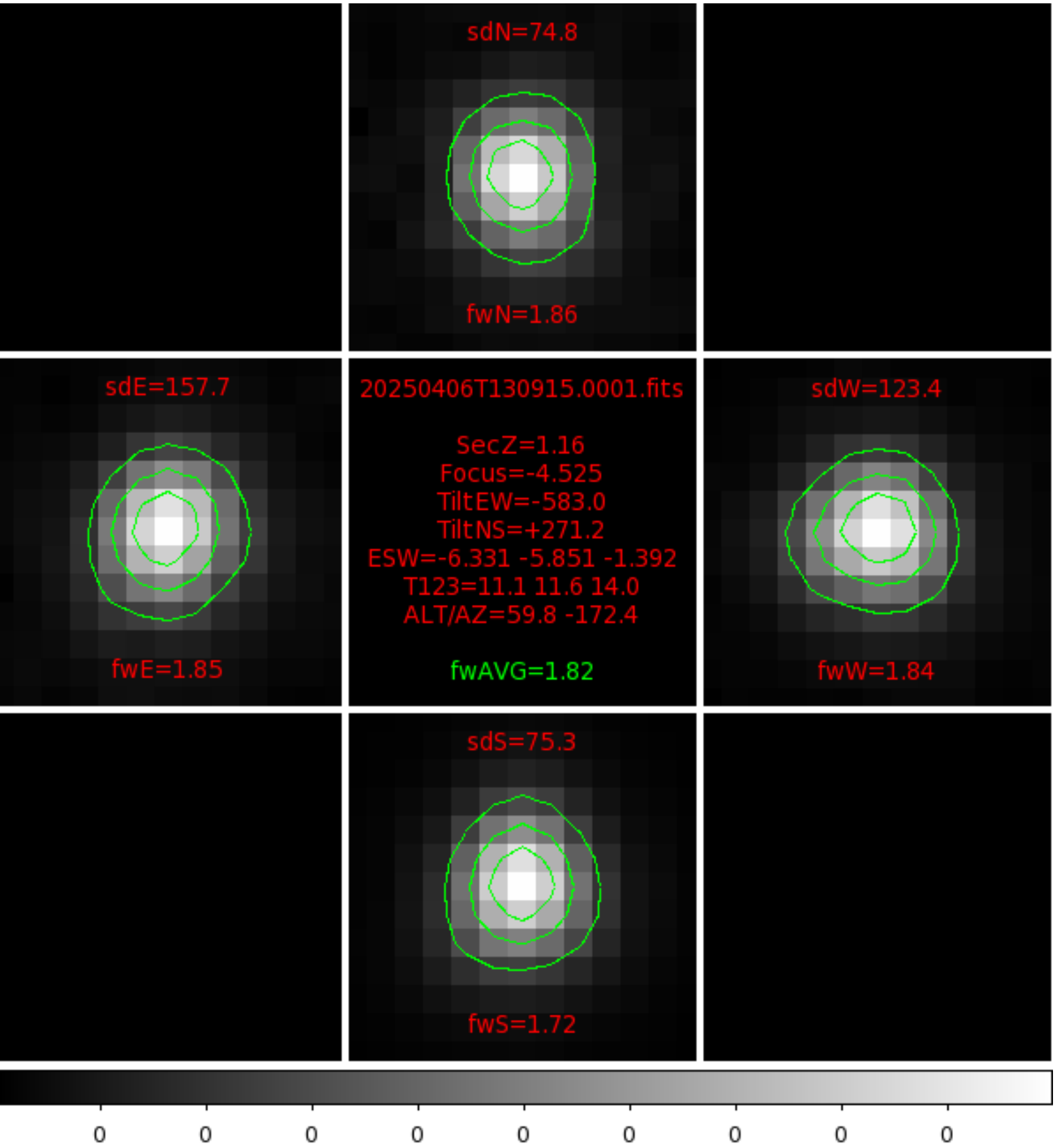
sdN=74.8
fwN=1.86
sdE=157.7
fwE=1.85
20250406T130915.0001.fits
SecZ=1.16
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.6 14.0
ALT/AZ=59.8 -172.4
fwAVG=1.82
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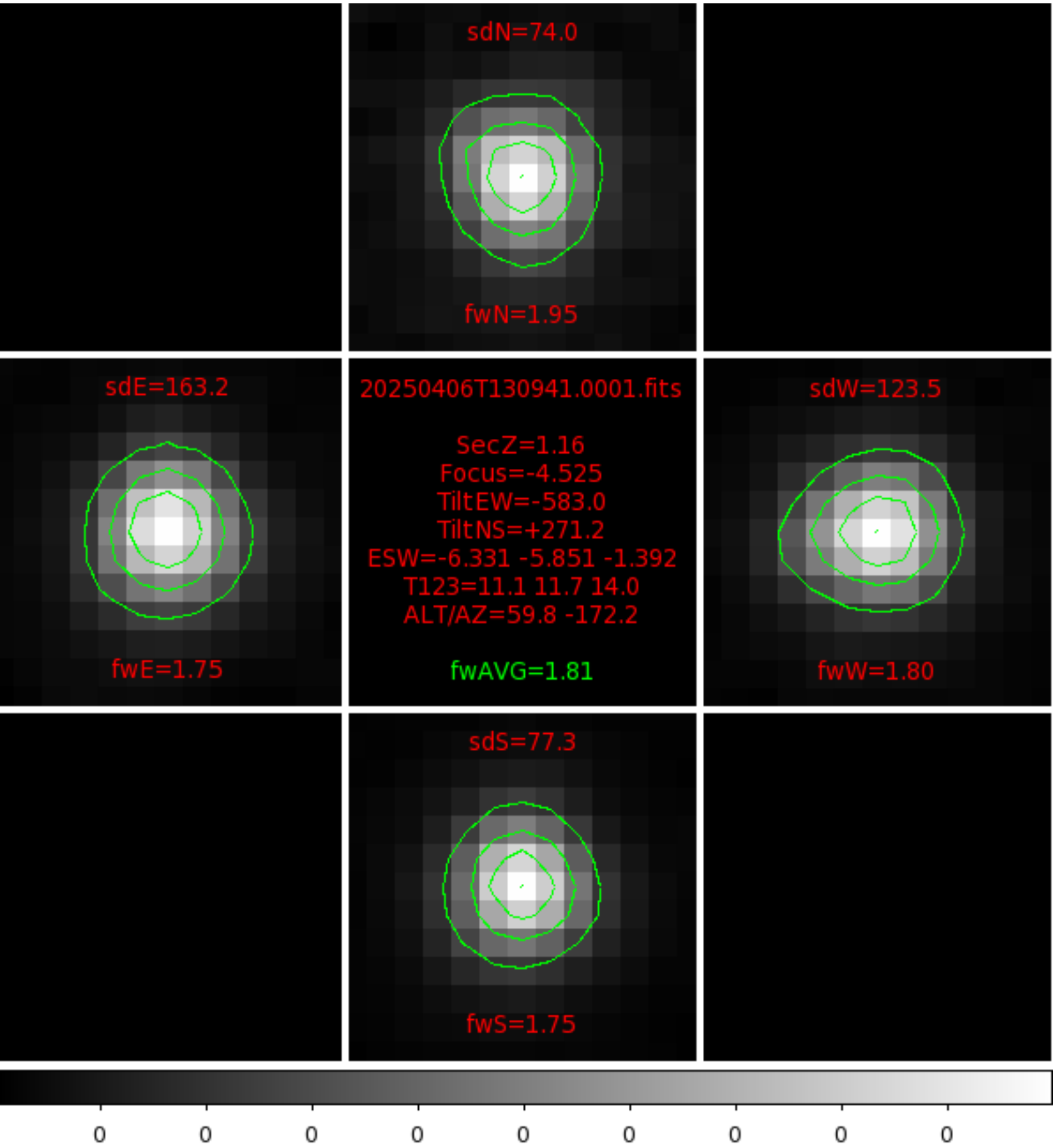
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sdE=163.2
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20250406T130941.0001.fits
SecZ=1.16
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.7 14.0
ALT/AZ=59.8 -172.2
fwAVG=1.81
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fwW=1.80
sdS=77.3
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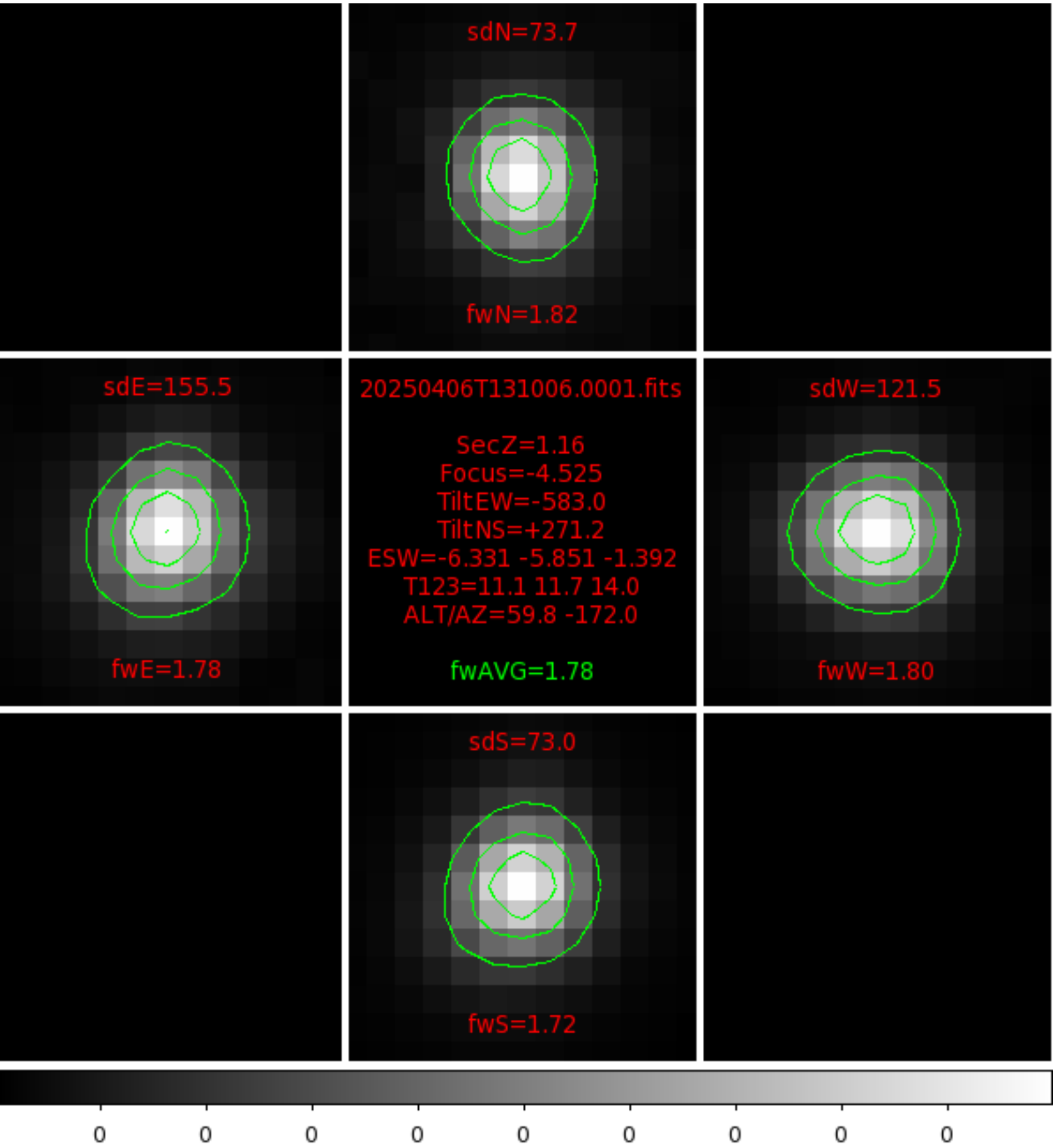
sdN=73.7
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sdE=155.5
fwE=1.78
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SecZ=1.16
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.7 14.0
ALT/AZ=59.8 -172.0
fwAVG=1.78
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sdS=73.0
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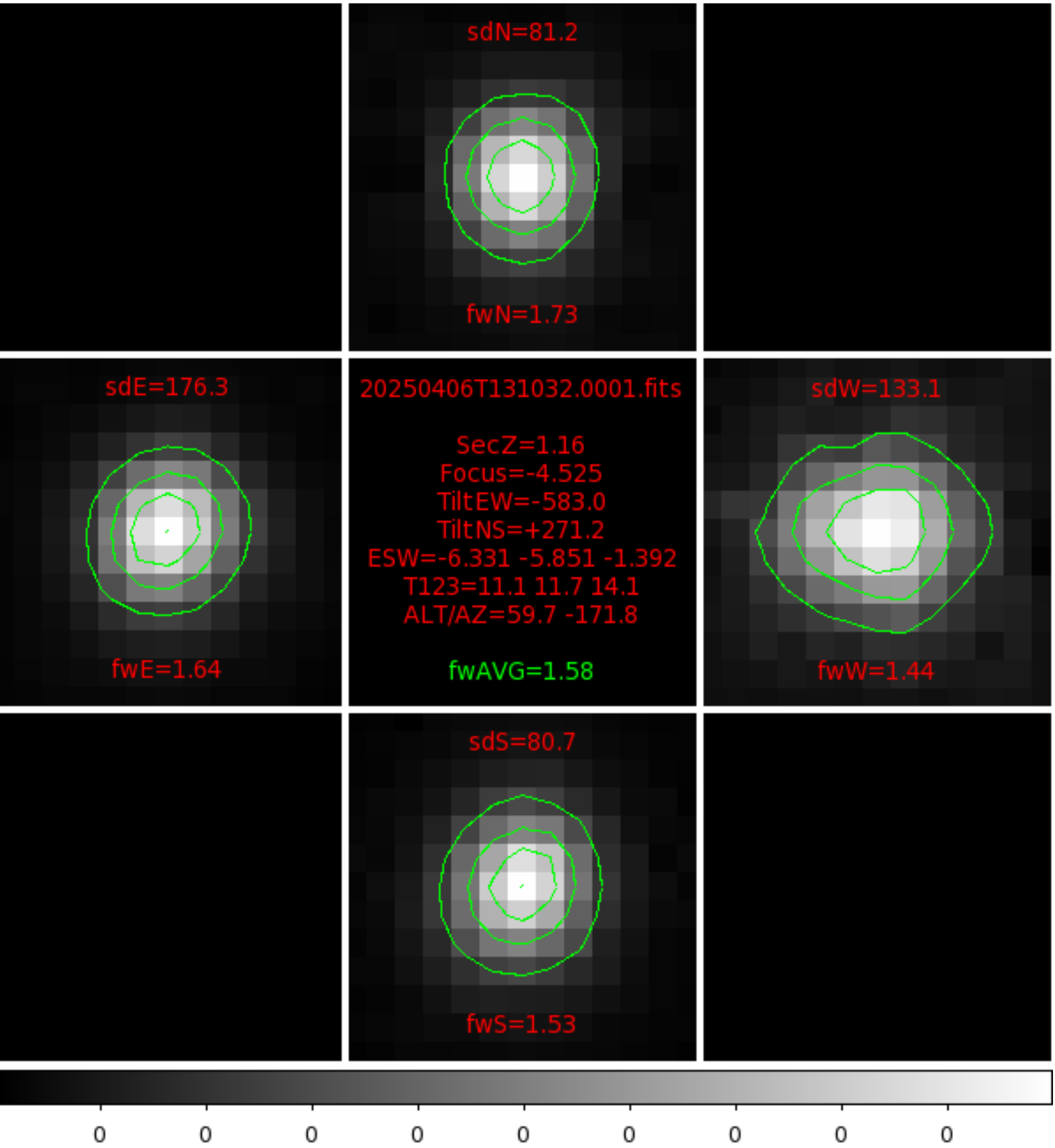
sdN=81.2
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SecZ=1.16
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TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.7 14.1
ALT/AZ=59.7 -171.8
fwAVG=1.58
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sdS=80.7
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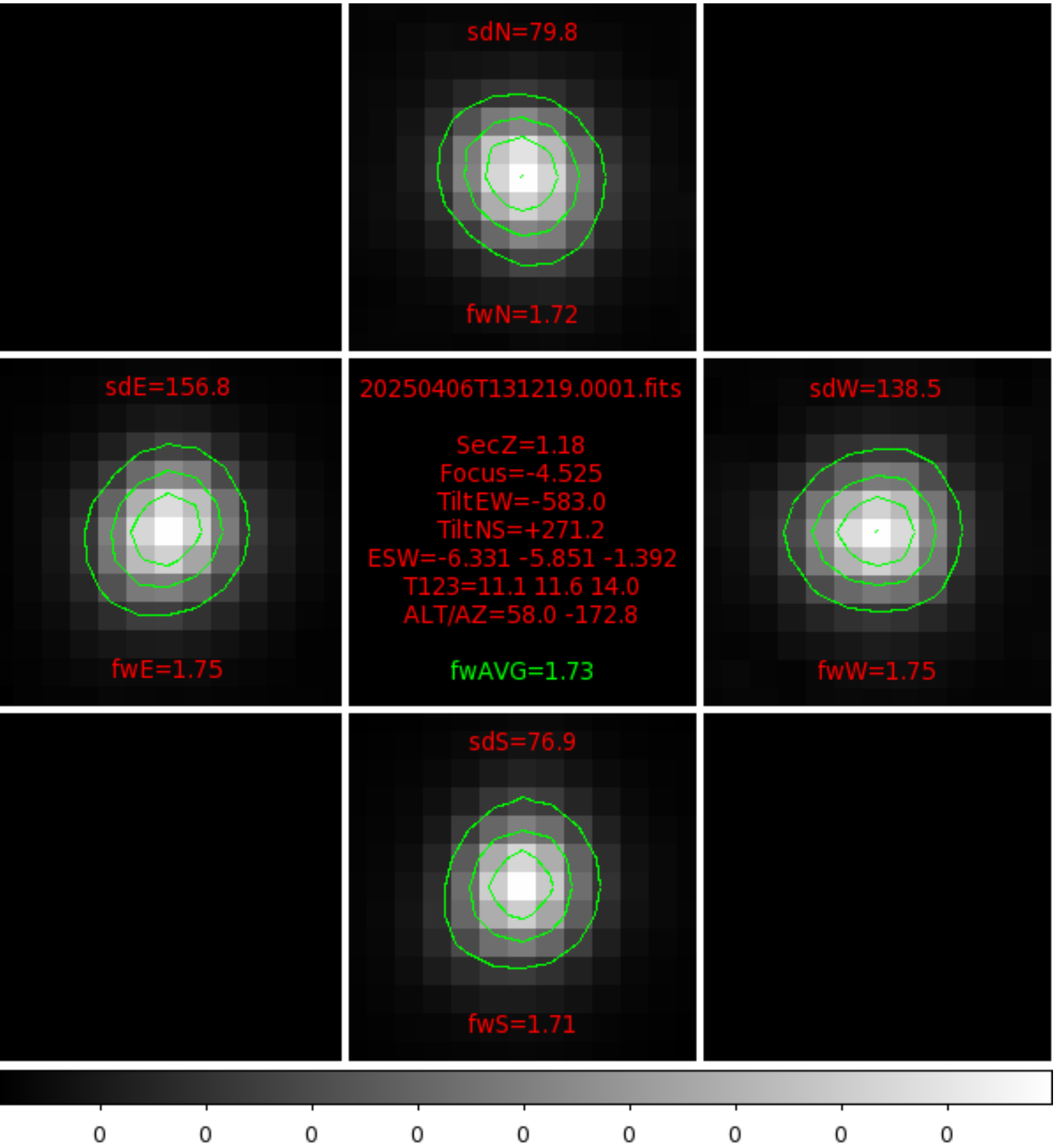
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sdE=156.8
fwE=1.75
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SecZ=1.18
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.6 14.0
ALT/AZ=58.0 -172.8
fwAVG=1.73
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sdS=76.9
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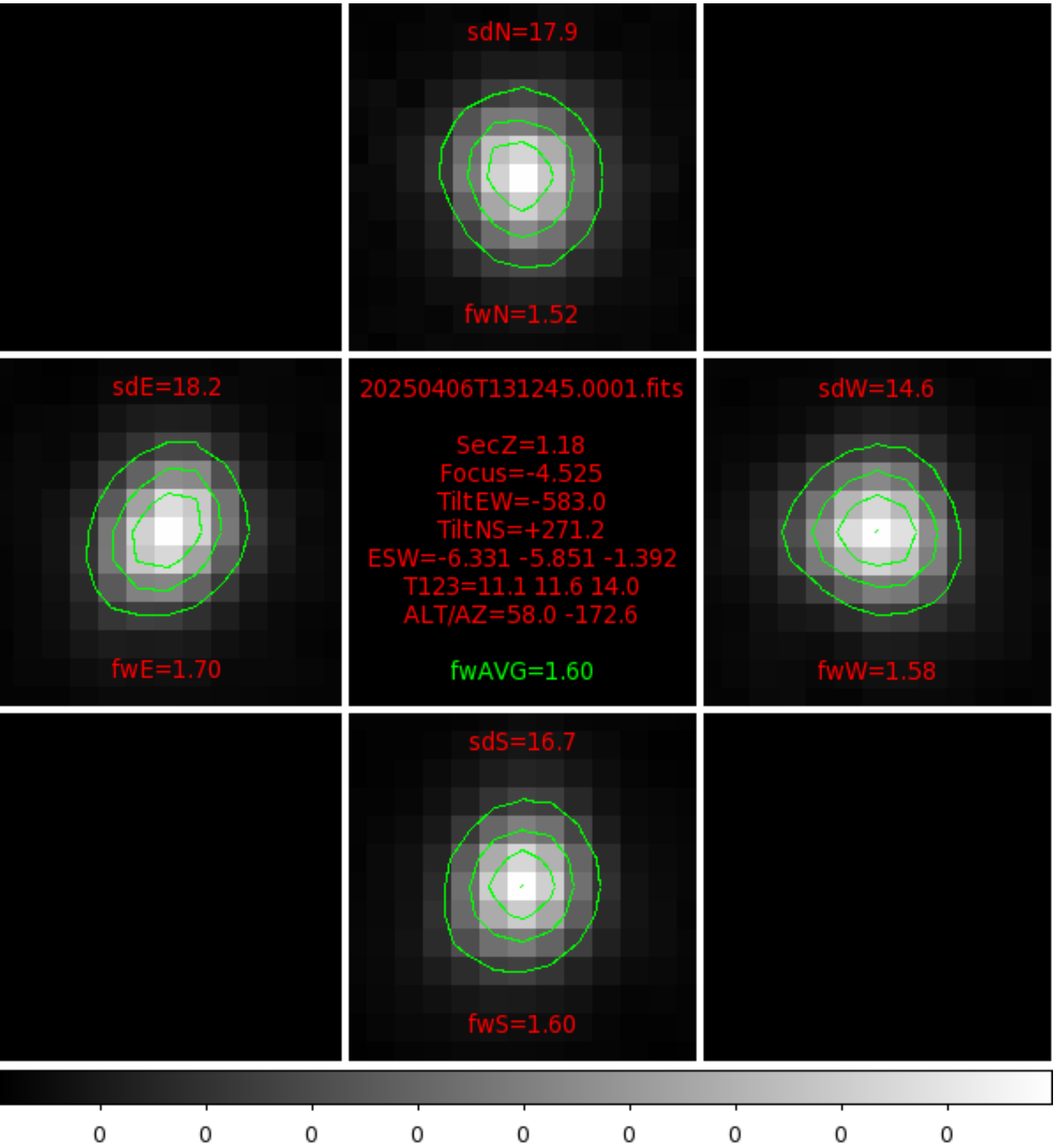
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sdE=18.2
fwE=1.70
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SecZ=1.18
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.6 14.0
ALT/AZ=58.0 -172.6
fwAVG=1.60
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fwW=1.58
sdS=16.7
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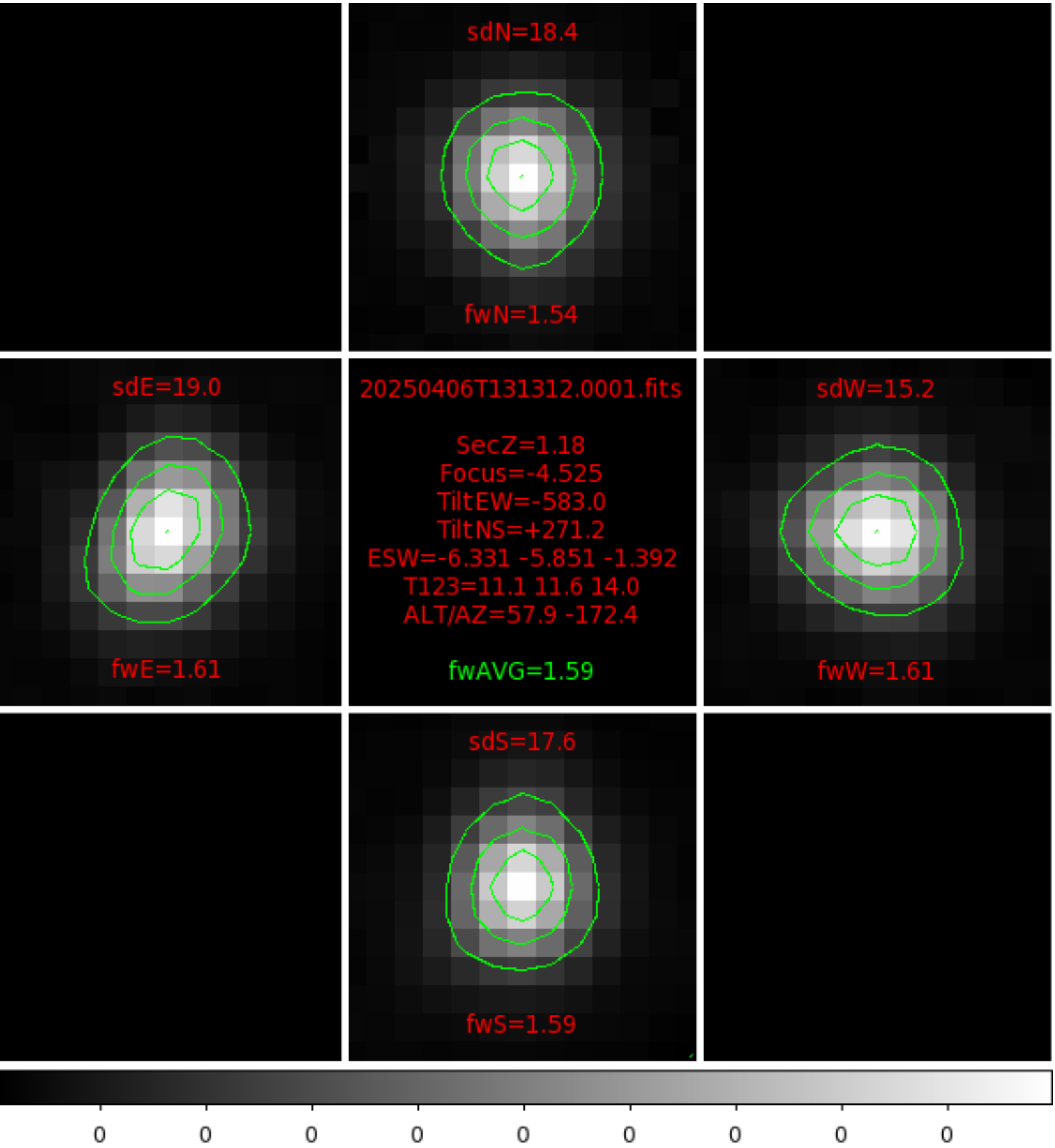
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fwN=1.54
sdE=19.0
fwE=1.61
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SecZ=1.18
Focus=-4.525
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TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.6 14.0
ALT/AZ=57.9 -172.4
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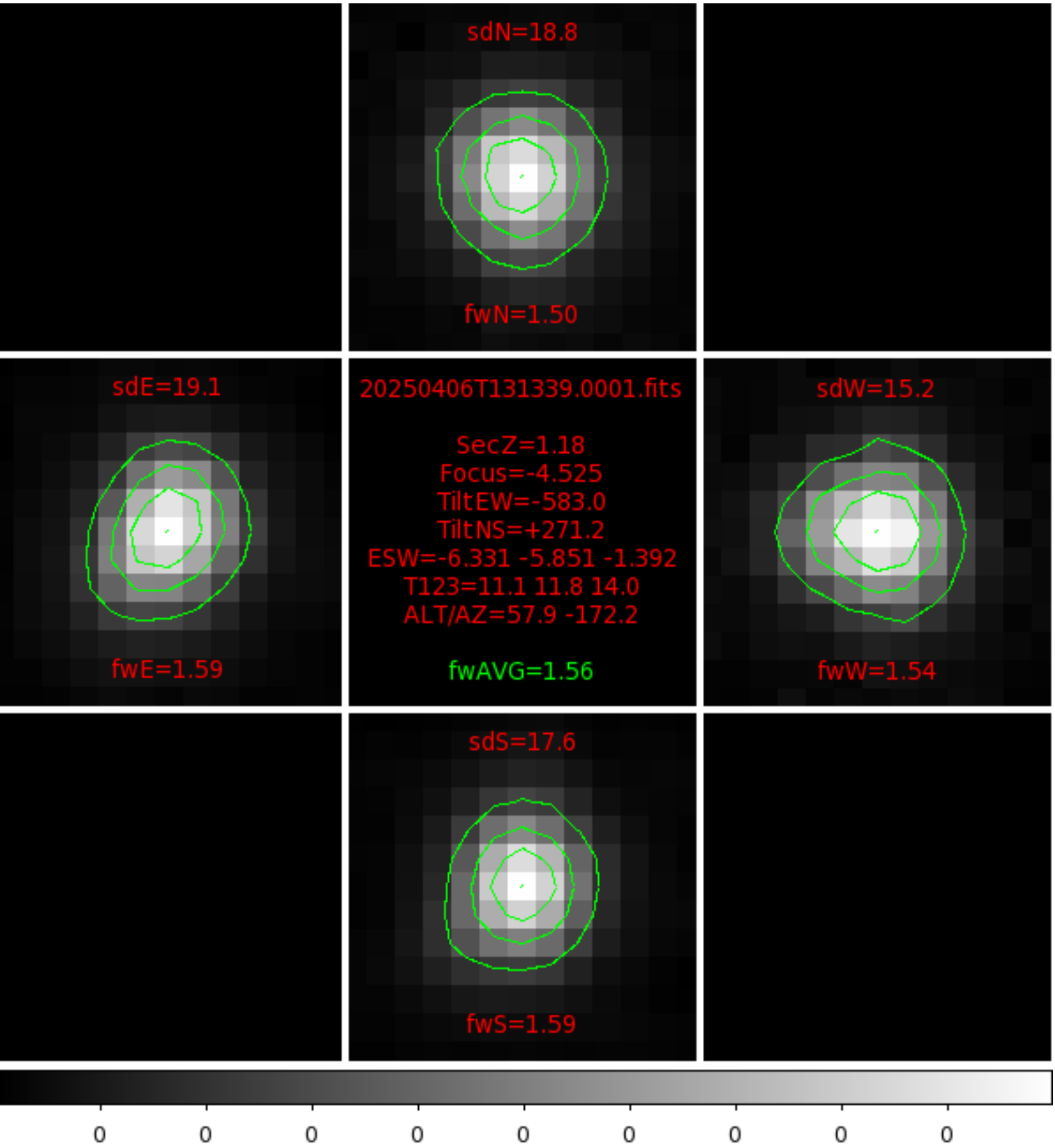
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fwE=1.59
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SecZ=1.18
Focus=-4.525
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TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.8 14.0
ALT/AZ=57.9 -172.2
fwAVG=1.56
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fwW=1.54
sdS=17.6
fwS=1.59
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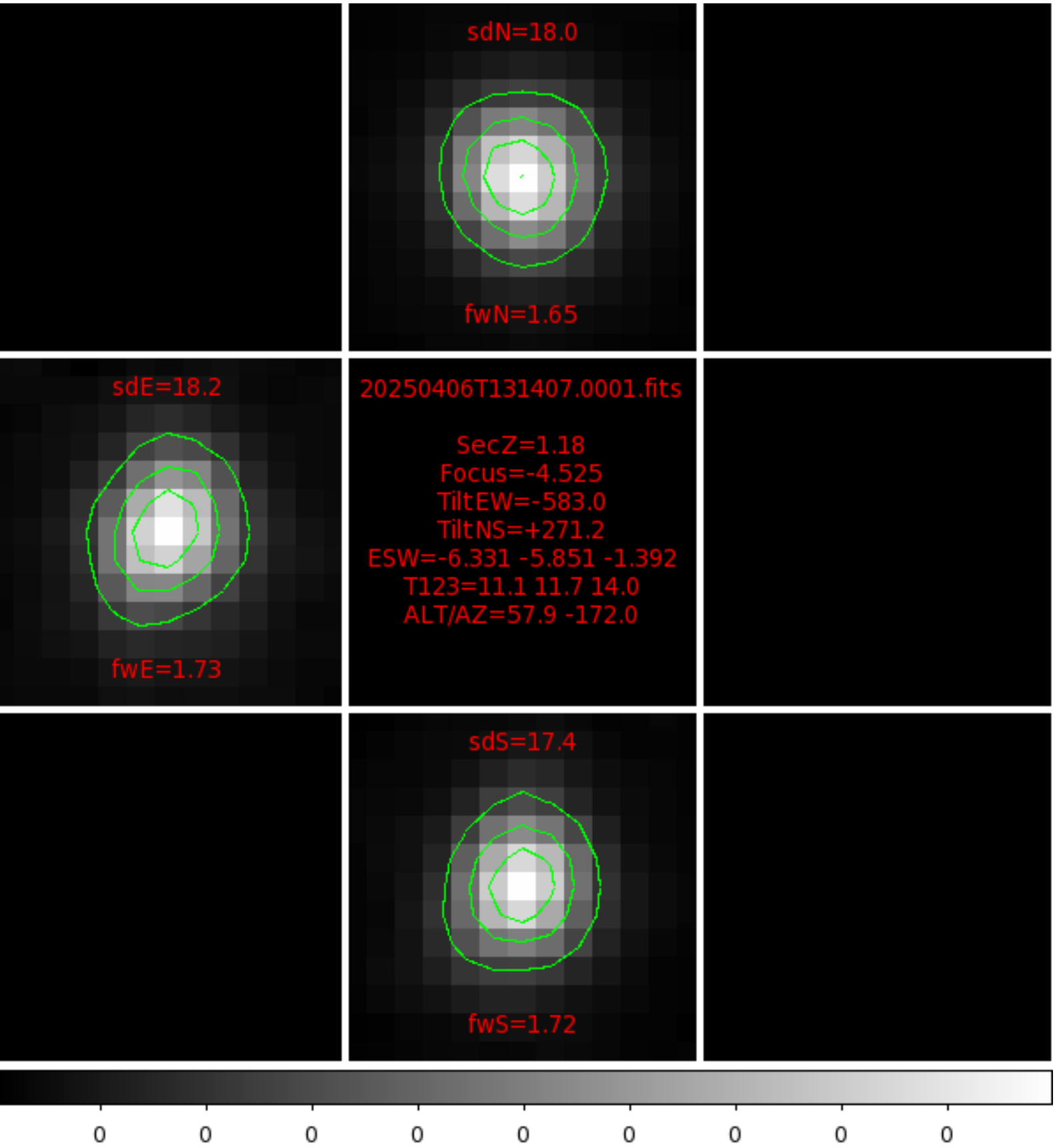
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SecZ=1.18
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.7 14.0
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sdS=17.4
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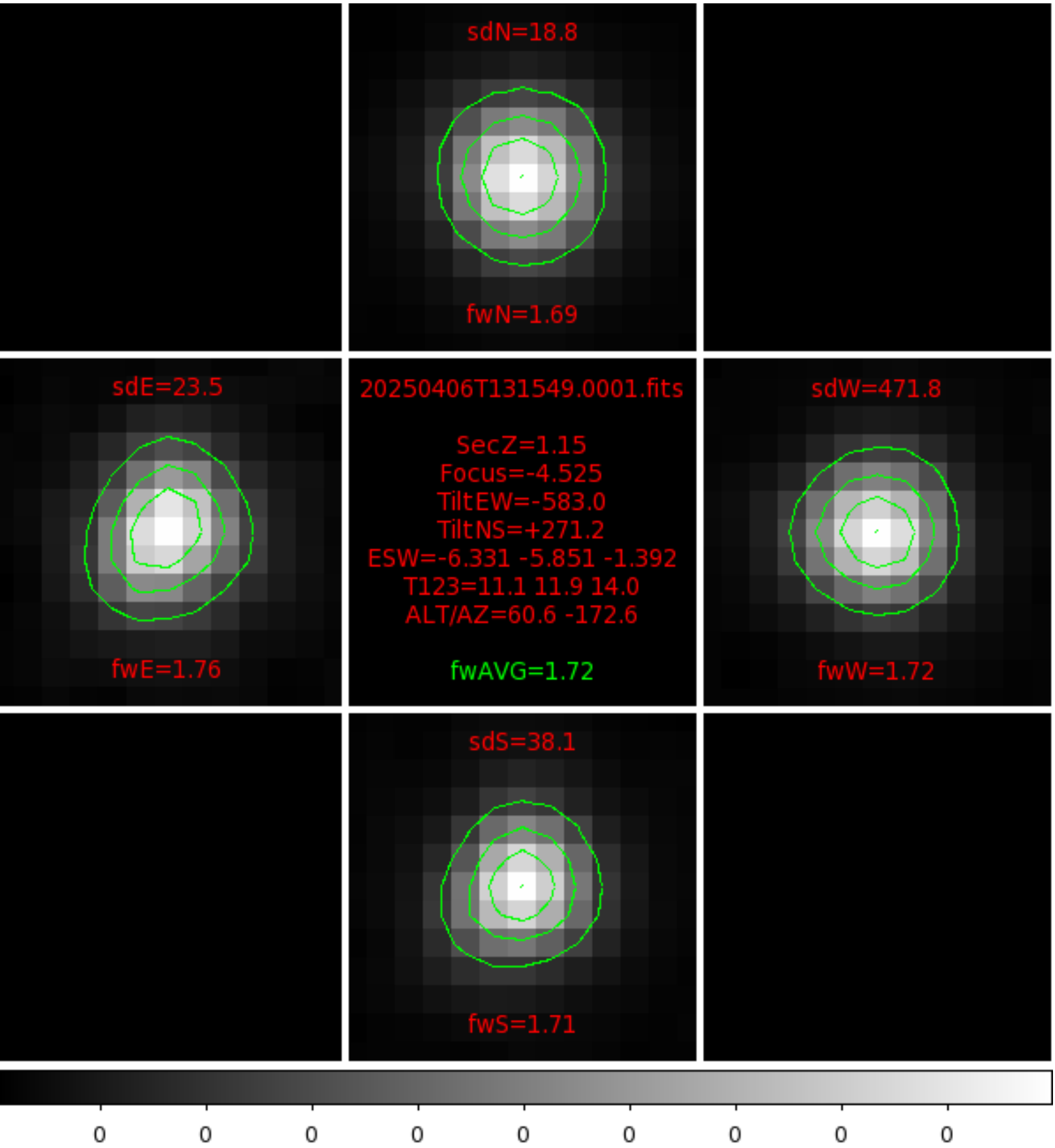
sdN=18.8
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fwE=1.76
20250406T131549.0001.fits
SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.9 14.0
ALT/AZ=60.6 -172.6
fwAVG=1.72
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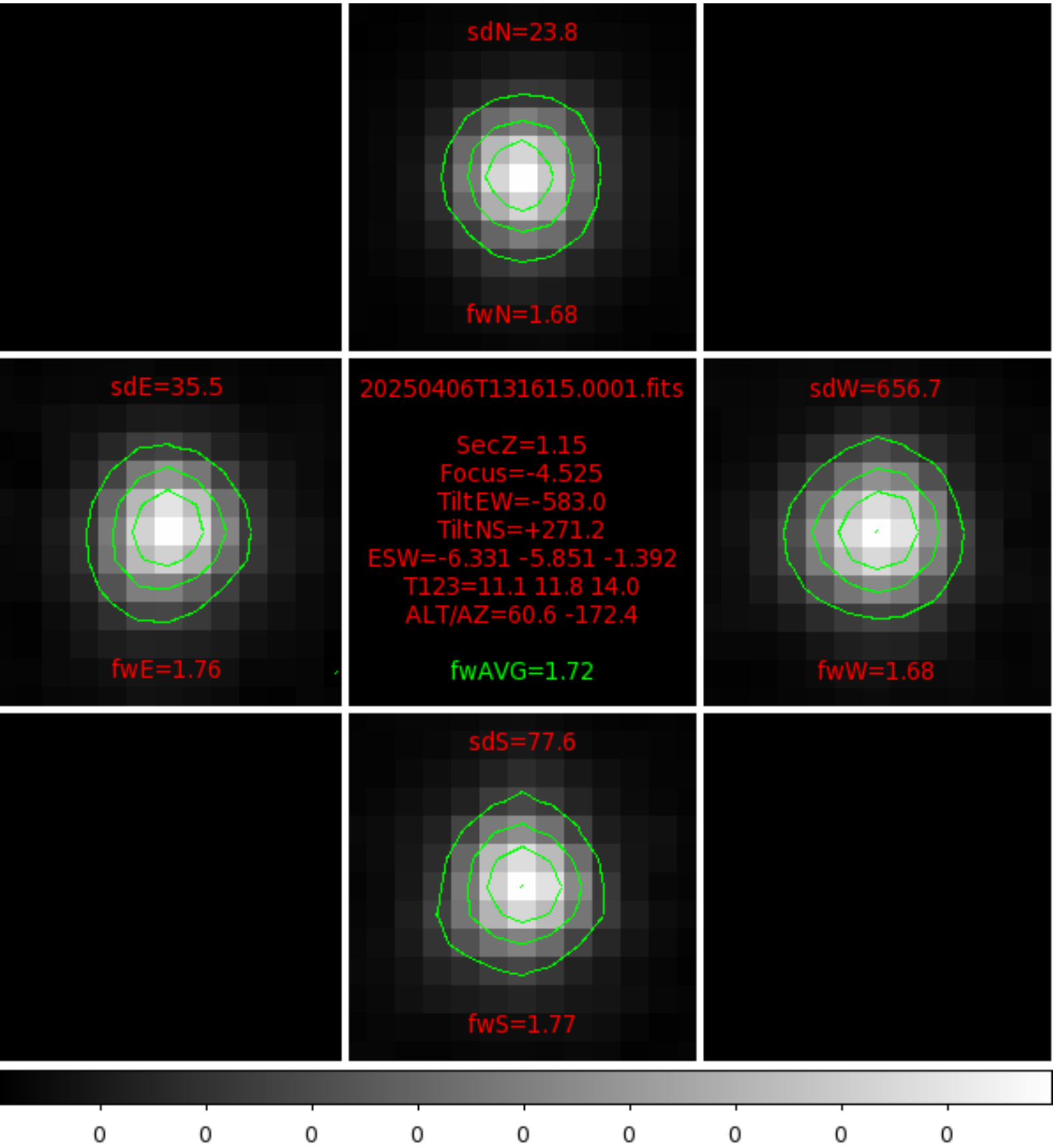
sdN=23.8
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sdE=35.5
fwE=1.76
20250406T131615.0001.fits
SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.8 14.0
ALT/AZ=60.6 -172.4
fwAVG=1.72
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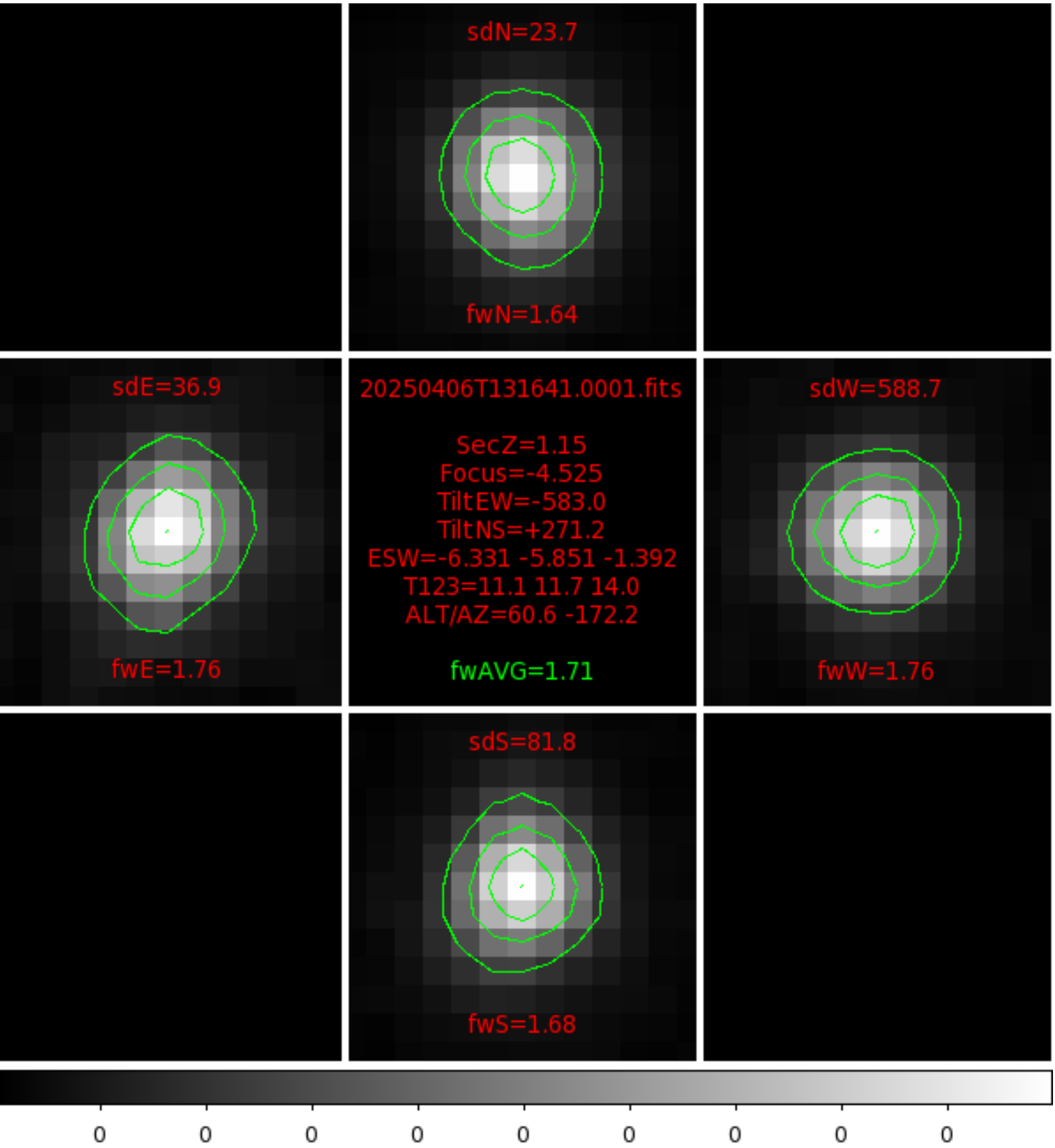
sdN=23.7
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SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.7 14.0
ALT/AZ=60.6 -172.2
fwAVG=1.71
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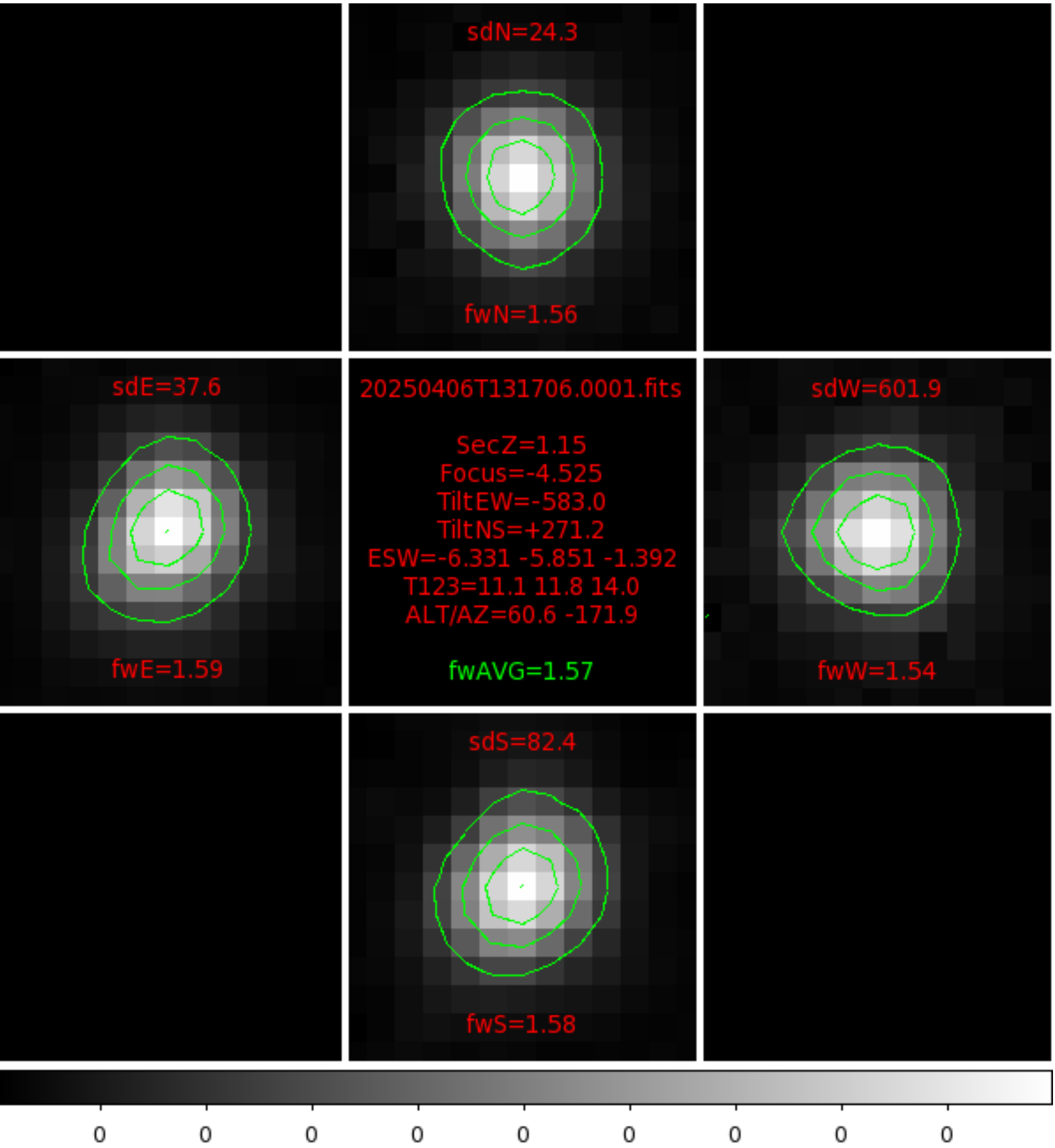
sdN=24.3
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fwE=1.59
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SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.8 14.0
ALT/AZ=60.6 -171.9
fwAVG=1.57
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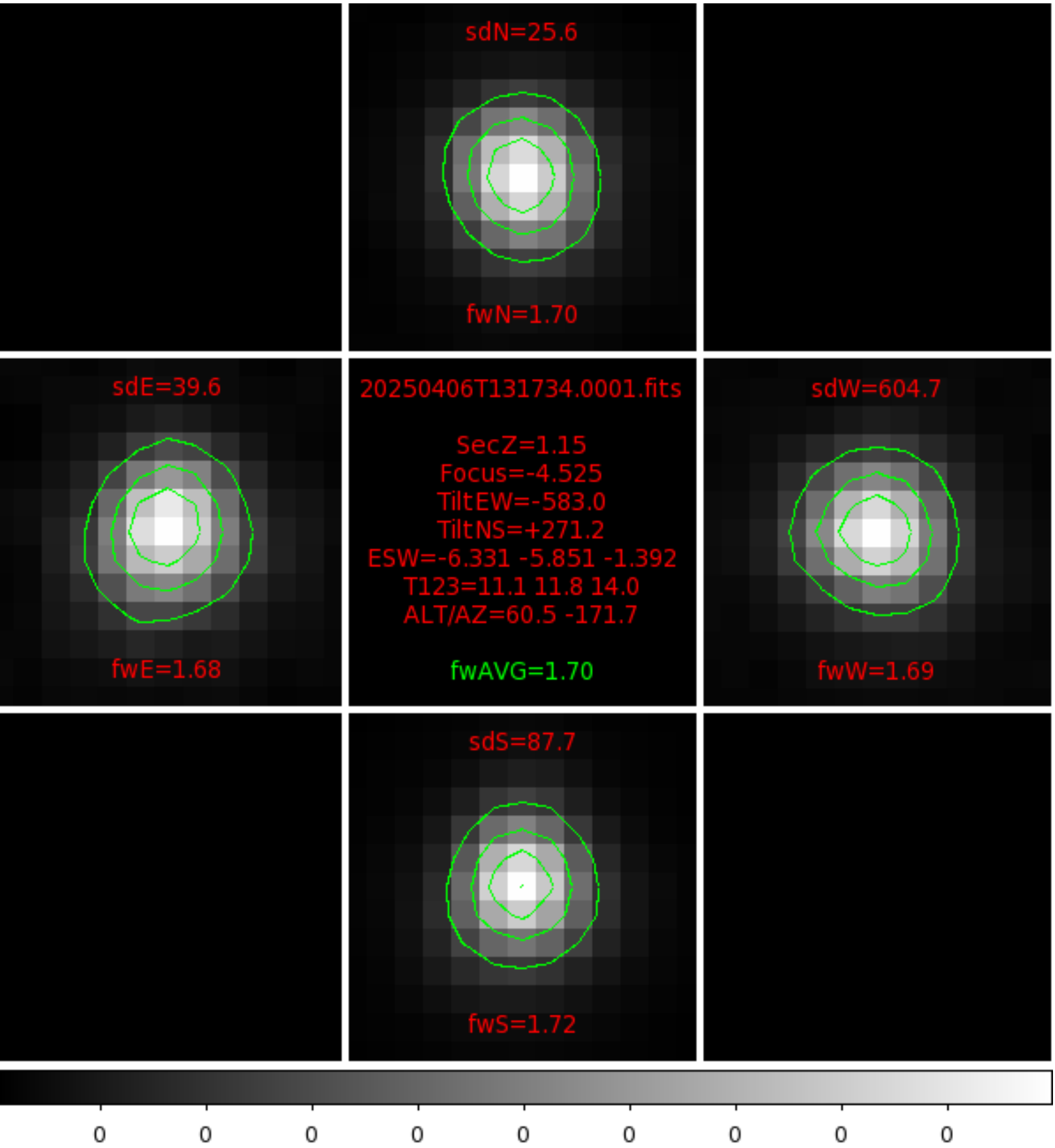
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SecZ=1.15
Focus=-4.525
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.331 -5.851 -1.392
T123=11.1 11.8 14.0
ALT/AZ=60.5 -171.7
fwAVG=1.70
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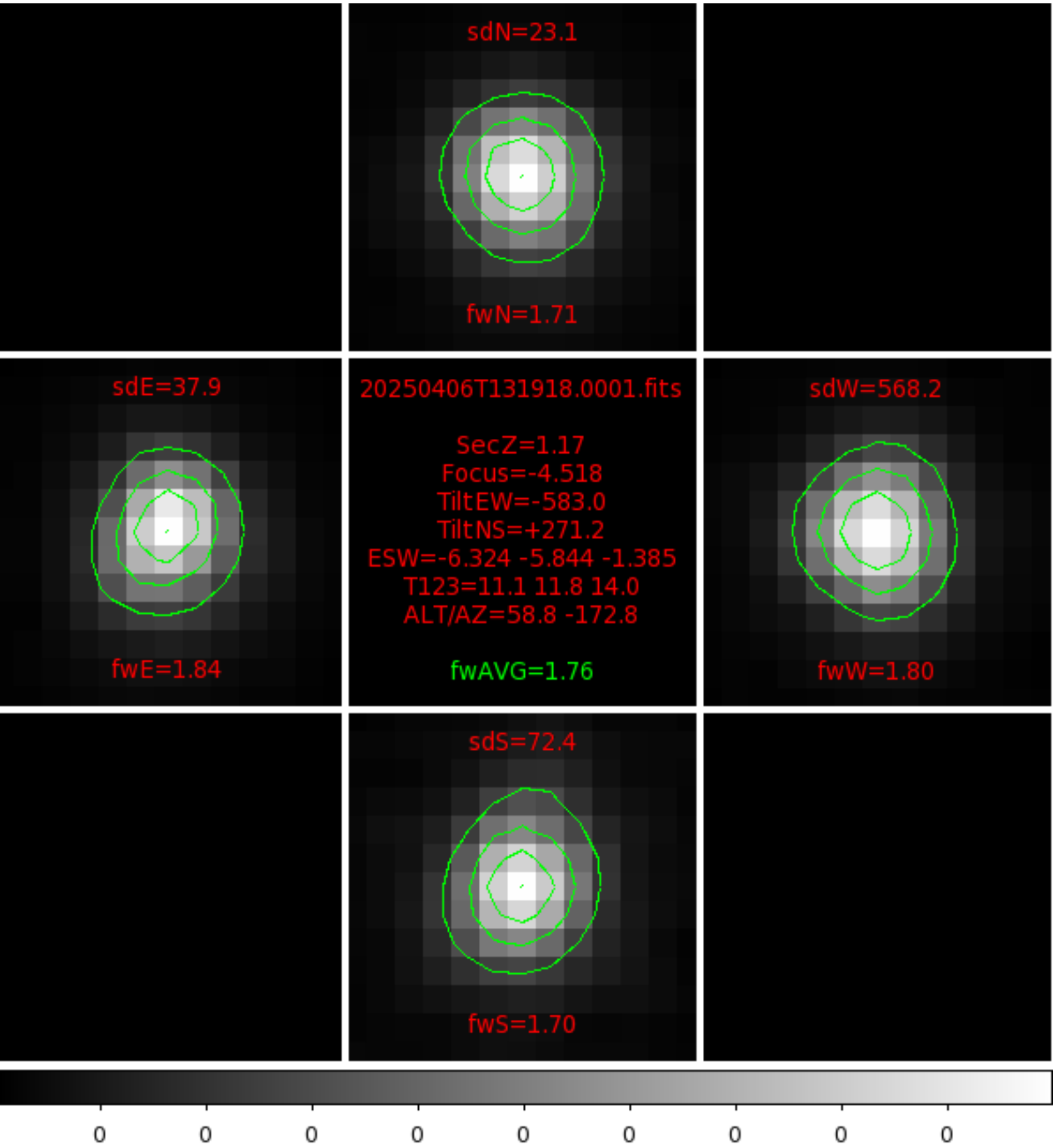
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fwE=1.84
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SecZ=1.17
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 11.8 14.0
ALT/AZ=58.8 -172.8
fwAVG=1.76
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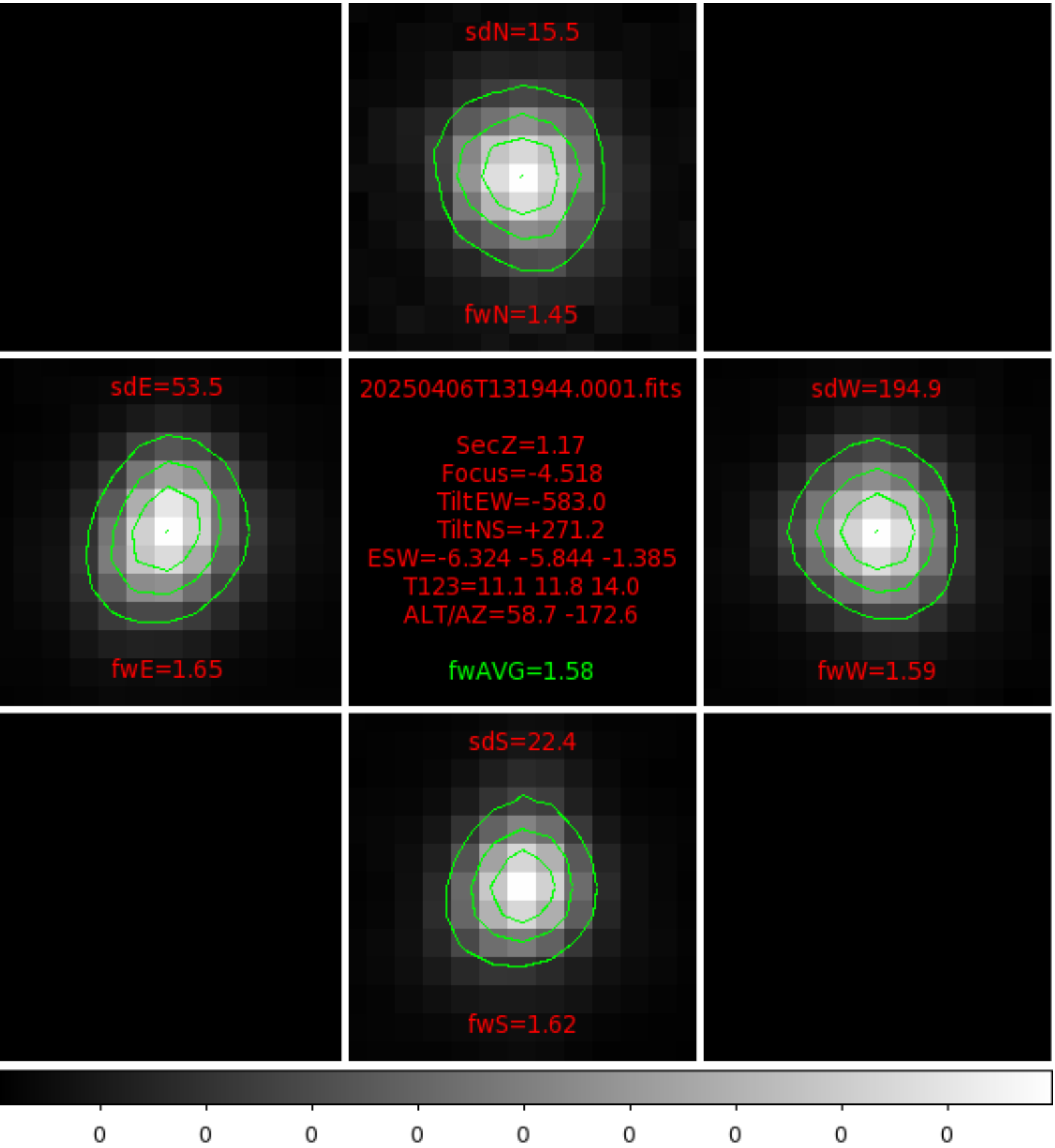
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SecZ=1.17
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 11.8 14.0
ALT/AZ=58.7 -172.6
fwAVG=1.58
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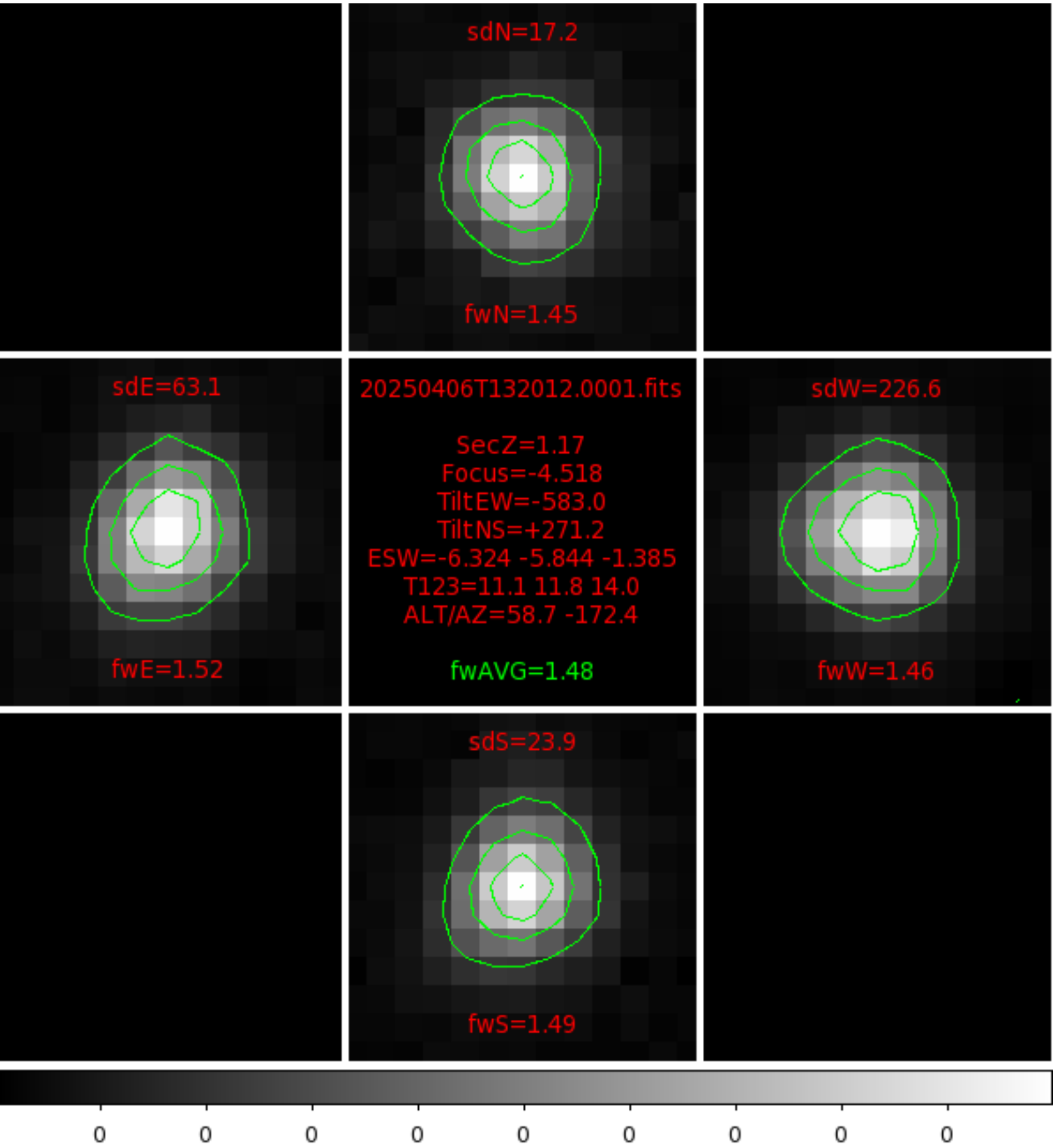
sdN=17.2
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fwE=1.52
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SecZ=1.17
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 11.8 14.0
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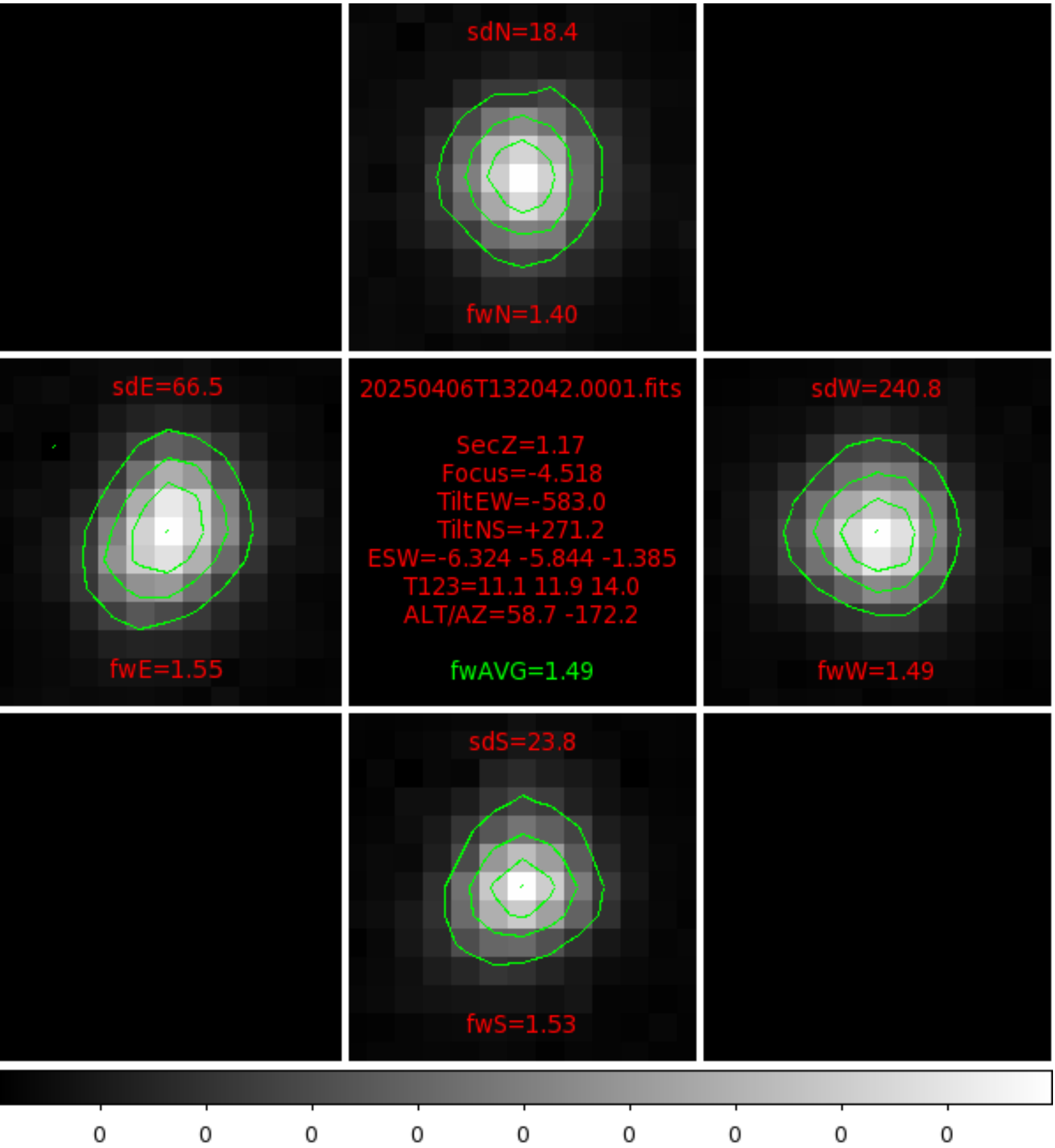
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sdE=66.5
fwE=1.55
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SecZ=1.17
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 11.9 14.0
ALT/AZ=58.7 -172.2
fwAVG=1.49
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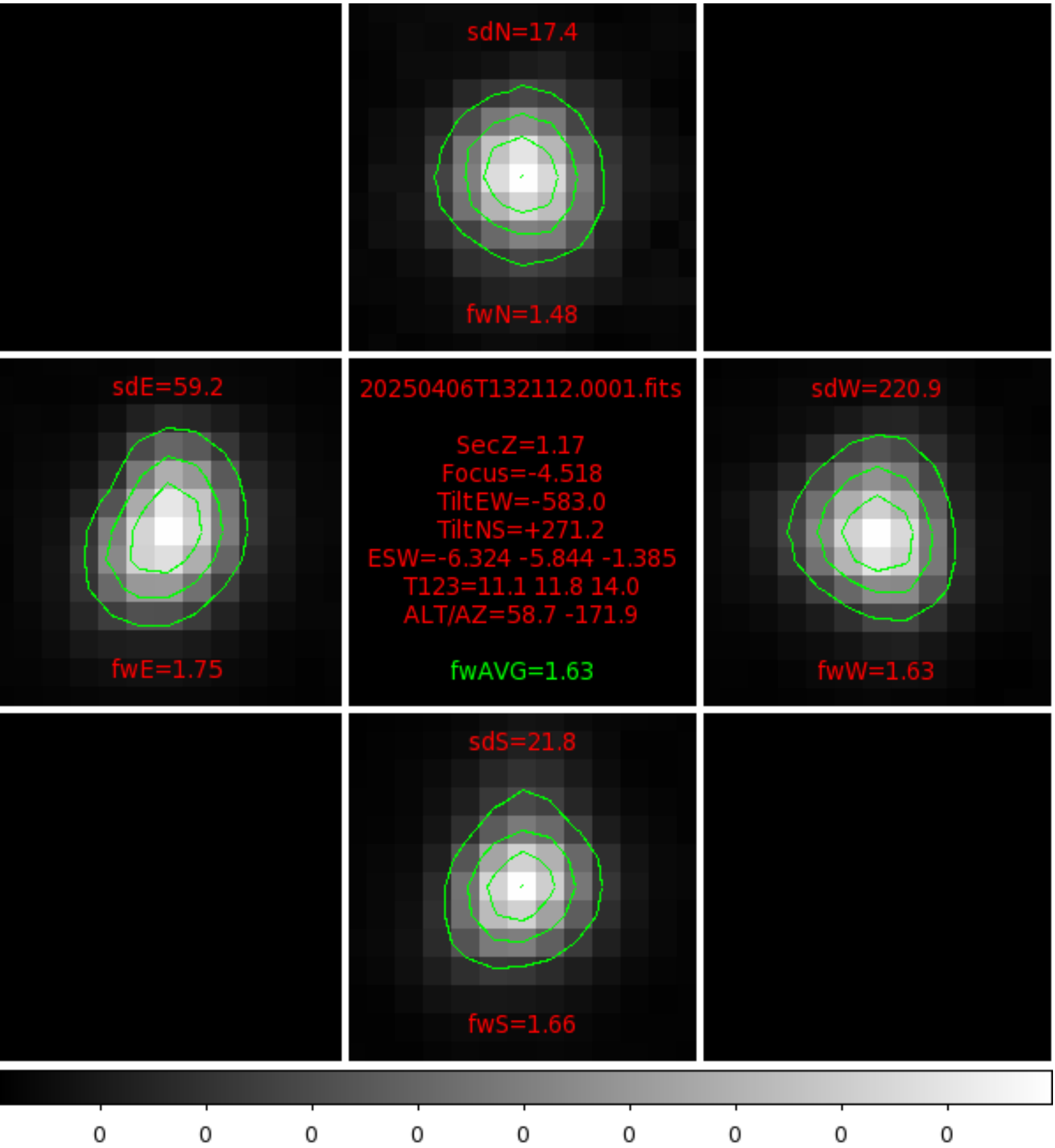
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SecZ=1.17
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 11.8 14.0
ALT/AZ=58.7 -171.9
fwAVG=1.63
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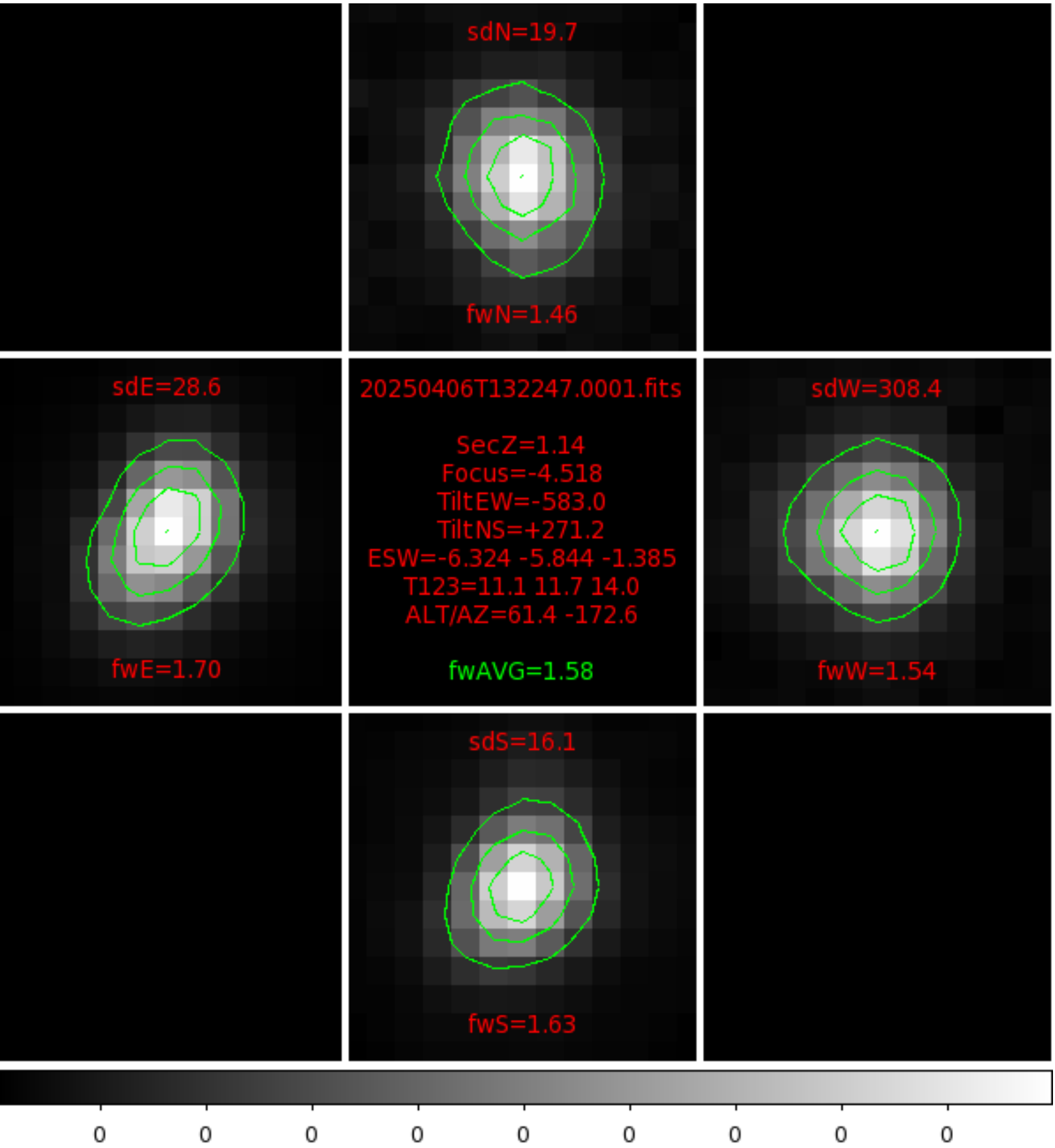
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SecZ=1.14
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 11.7 14.0
ALT/AZ=61.4 -172.6
fwAVG=1.58
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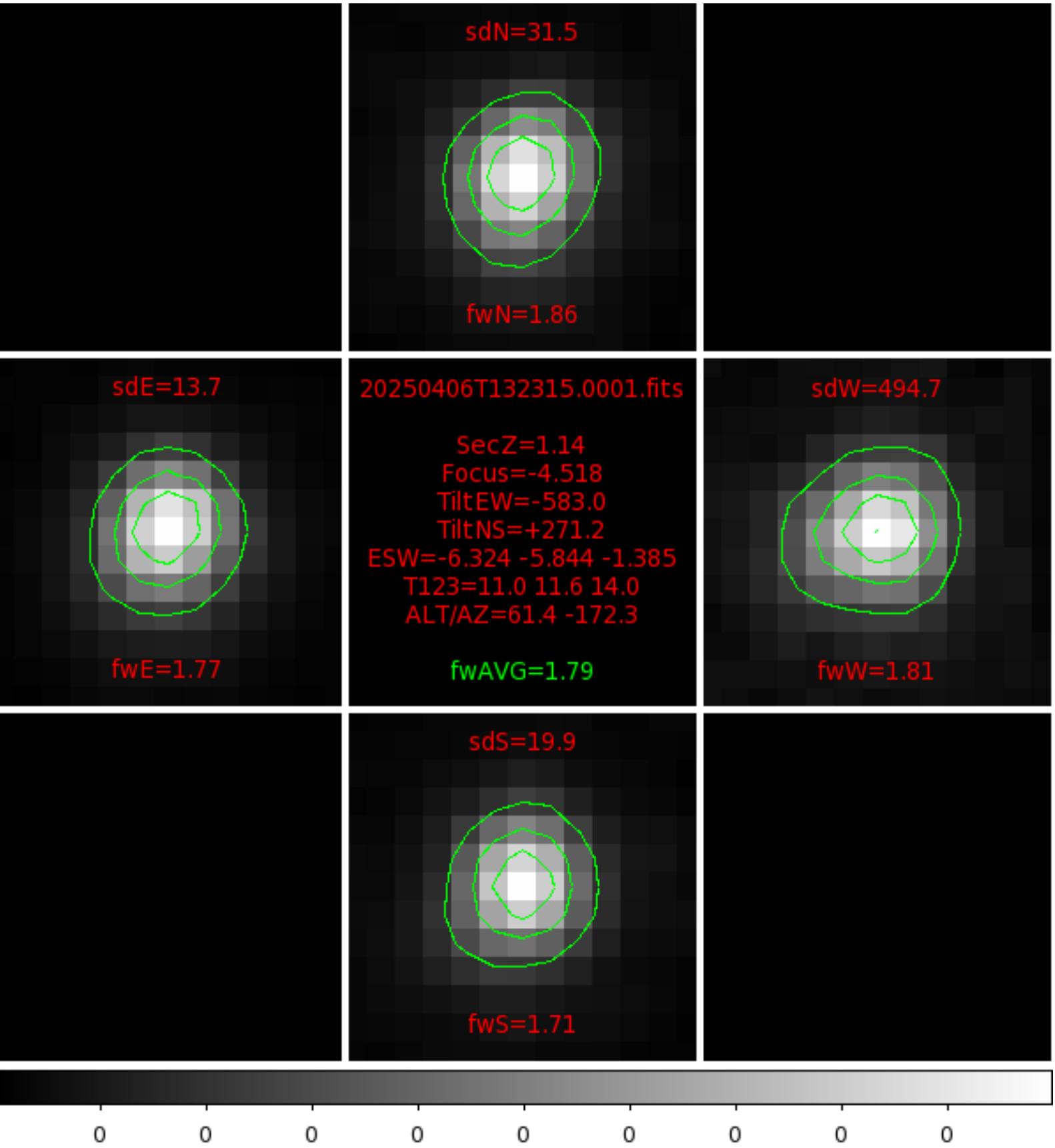
sdN=31.5
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fwE=1.77
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SecZ=1.14
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 11.6 14.0
ALT/AZ=61.4 -172.3
fwAVG=1.79
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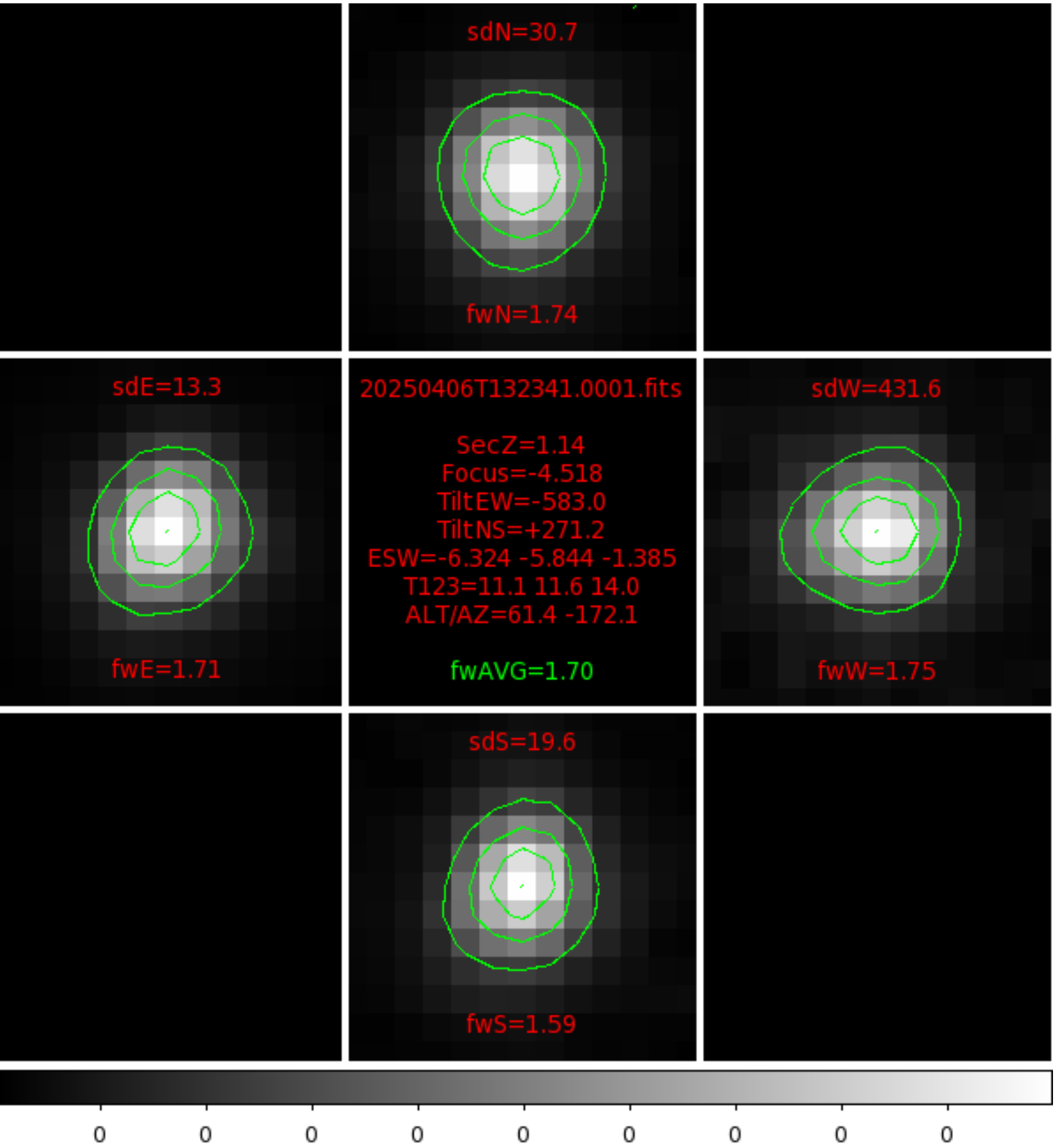
sdN=30.7
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fwE=1.71
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SecZ=1.14
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 11.6 14.0
ALT/AZ=61.4 -172.1
fwAVG=1.70
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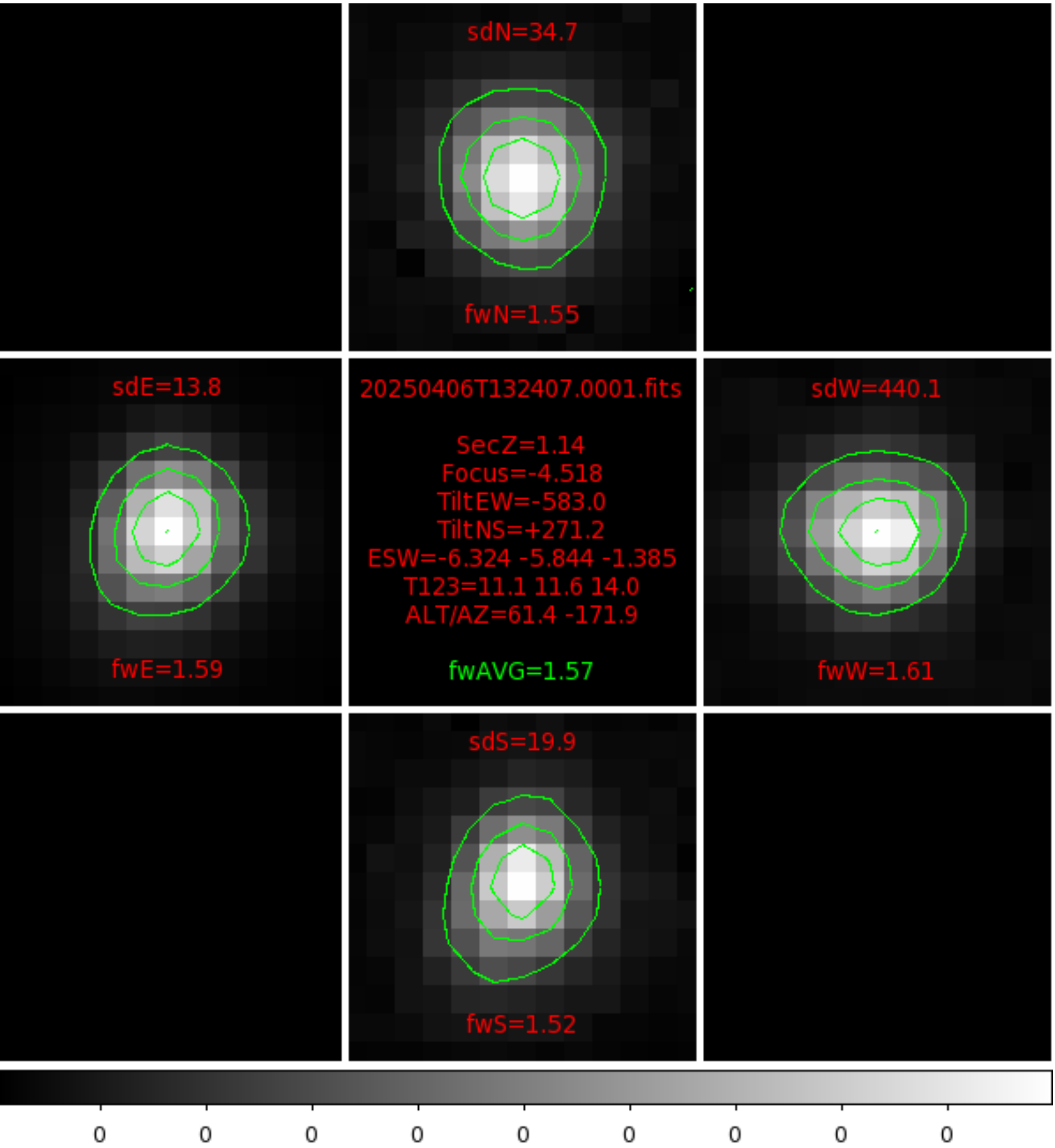
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fwE=1.59
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SecZ=1.14
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 11.6 14.0
ALT/AZ=61.4 -171.9
fwAVG=1.57
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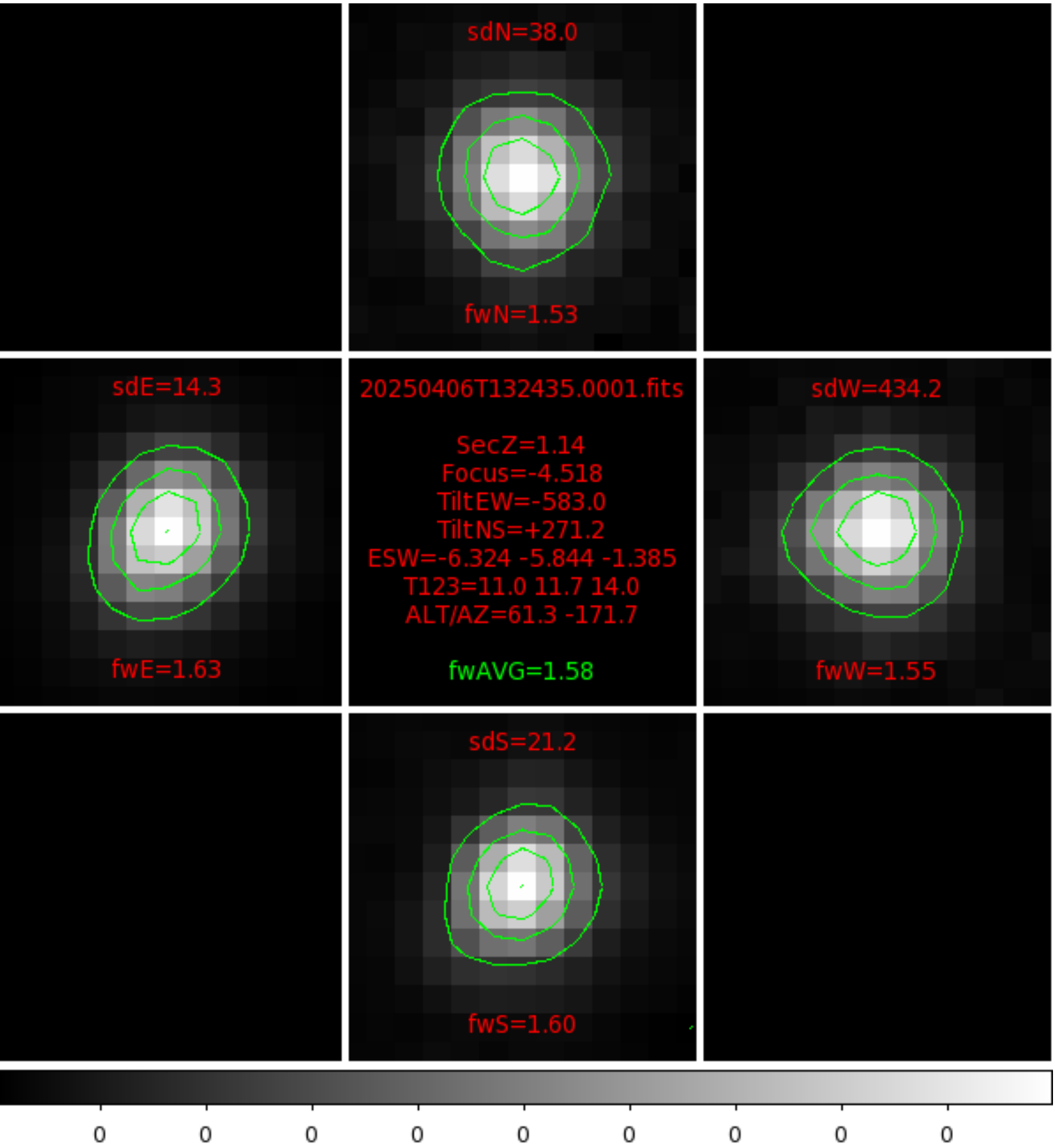
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SecZ=1.14
Focus=-4.518
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TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 11.7 14.0
ALT/AZ=61.3 -171.7
fwAVG=1.58
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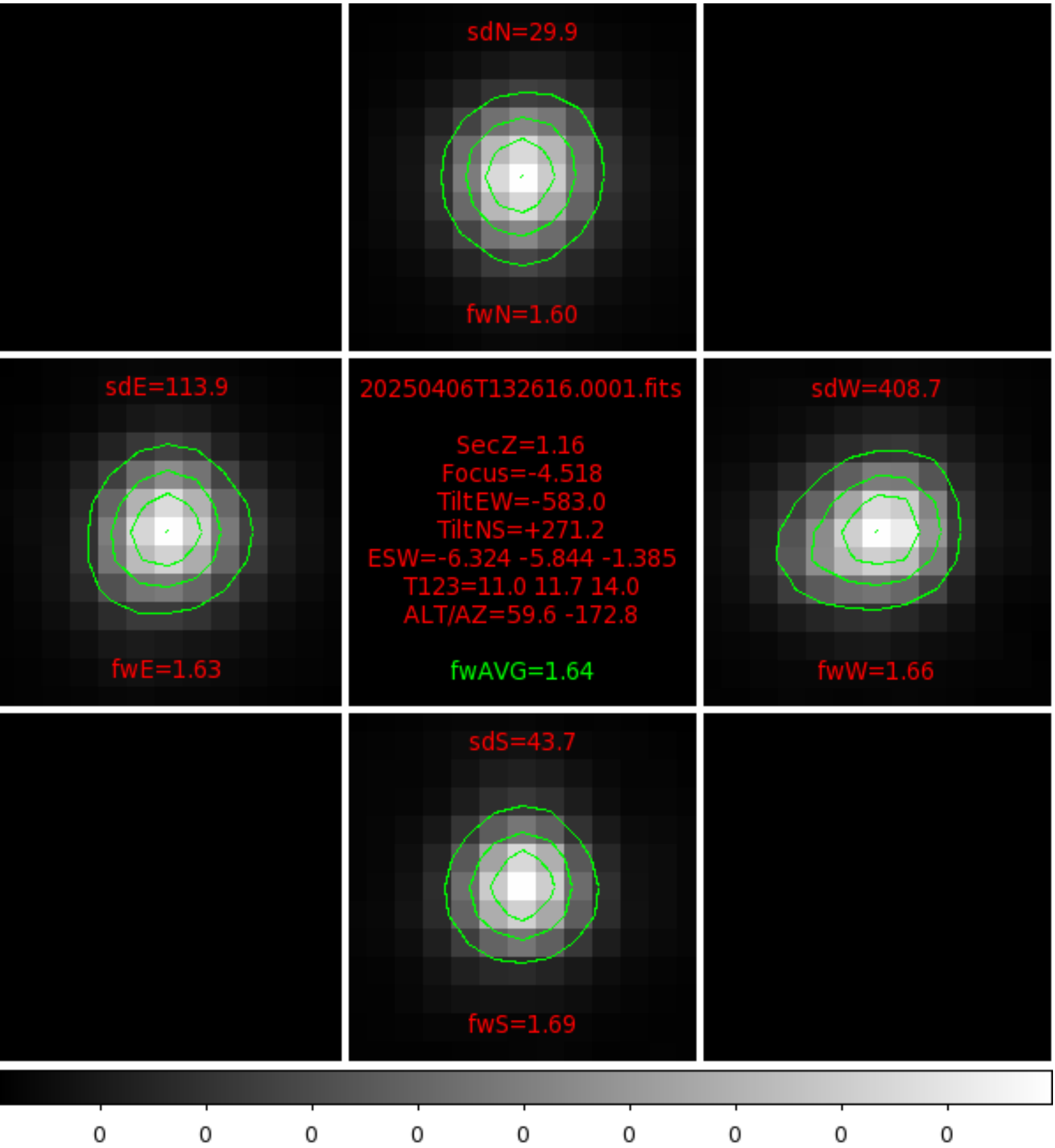
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 11.7 14.0
ALT/AZ=59.6 -172.8
fwAVG=1.64
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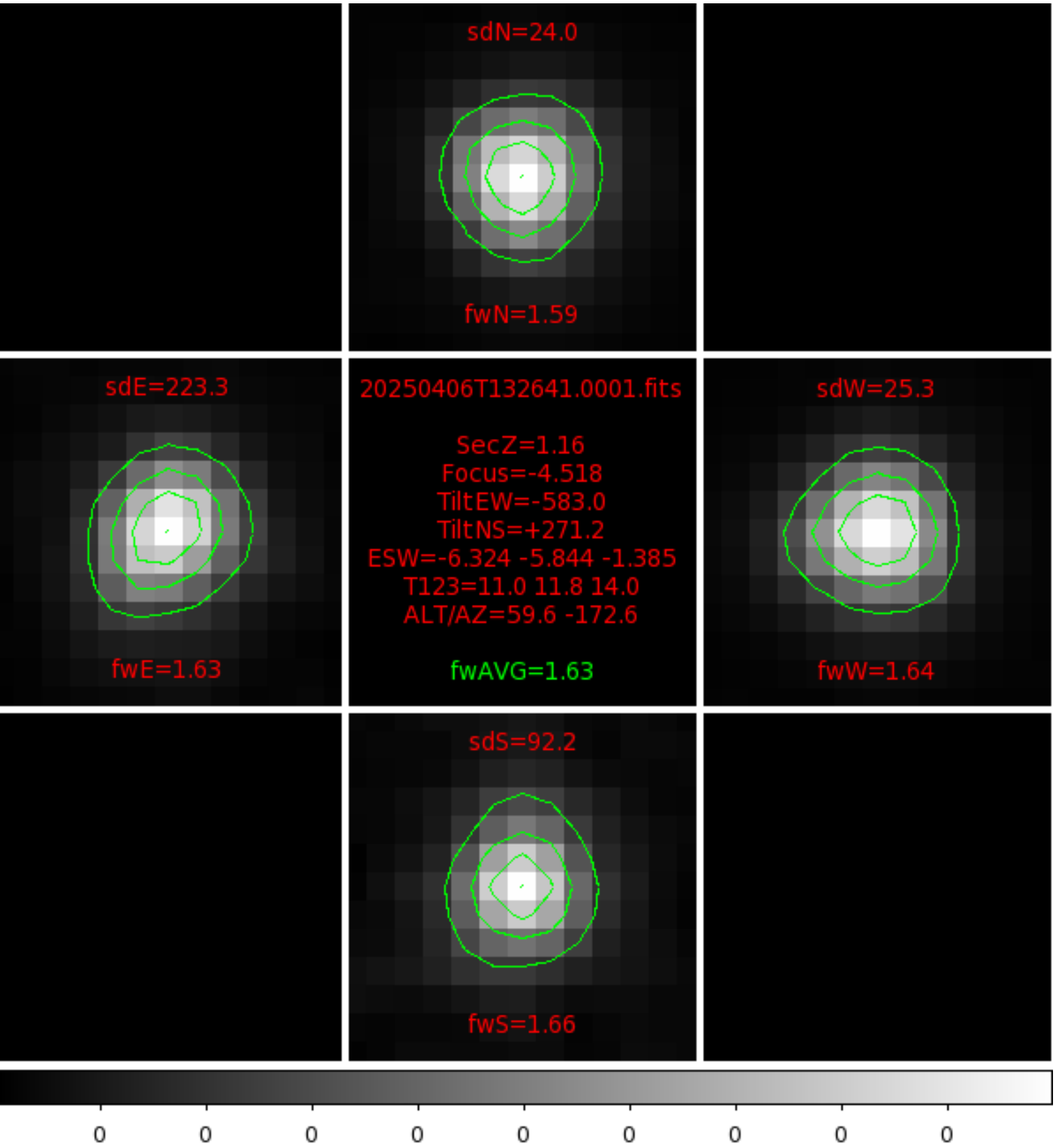
sdN=24.0
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sdE=223.3
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SecZ=1.16
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 11.8 14.0
ALT/AZ=59.6 -172.6
fwAVG=1.63
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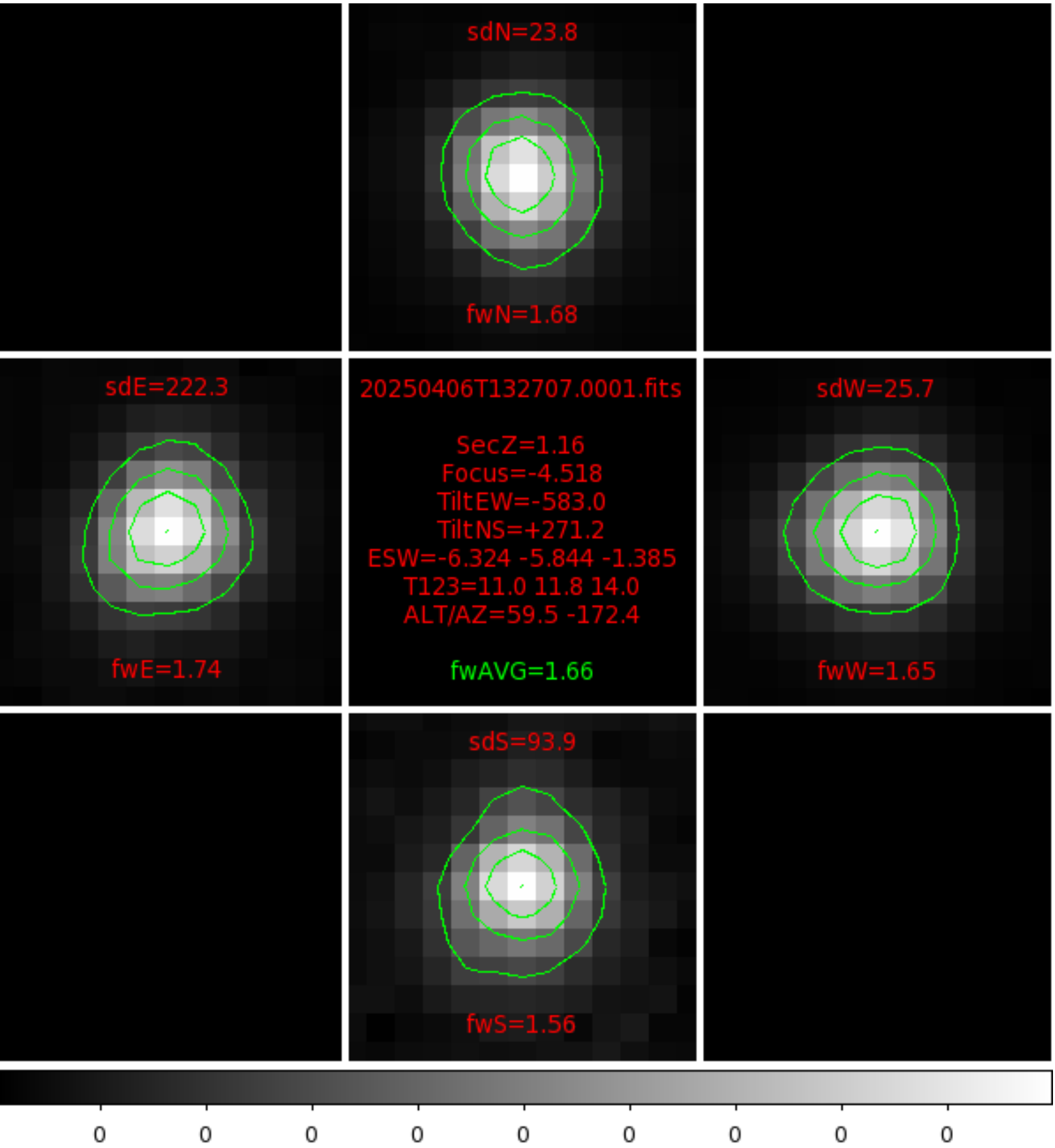
sdN=23.8
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SecZ=1.16
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 11.8 14.0
ALT/AZ=59.5 -172.4
fwAVG=1.66
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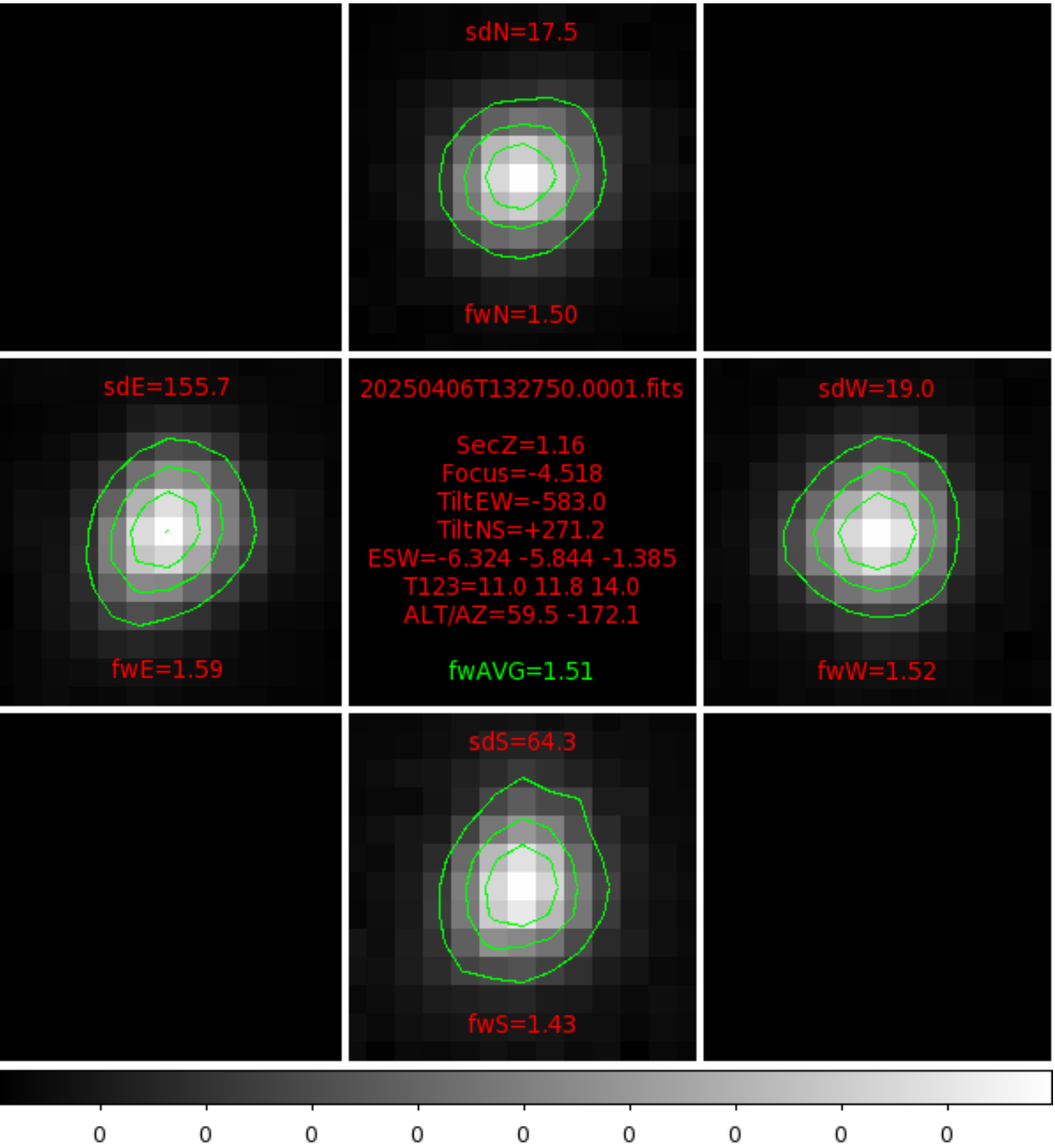
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SecZ=1.16
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 11.8 14.0
ALT/AZ=59.5 -172.1
fwAVG=1.51
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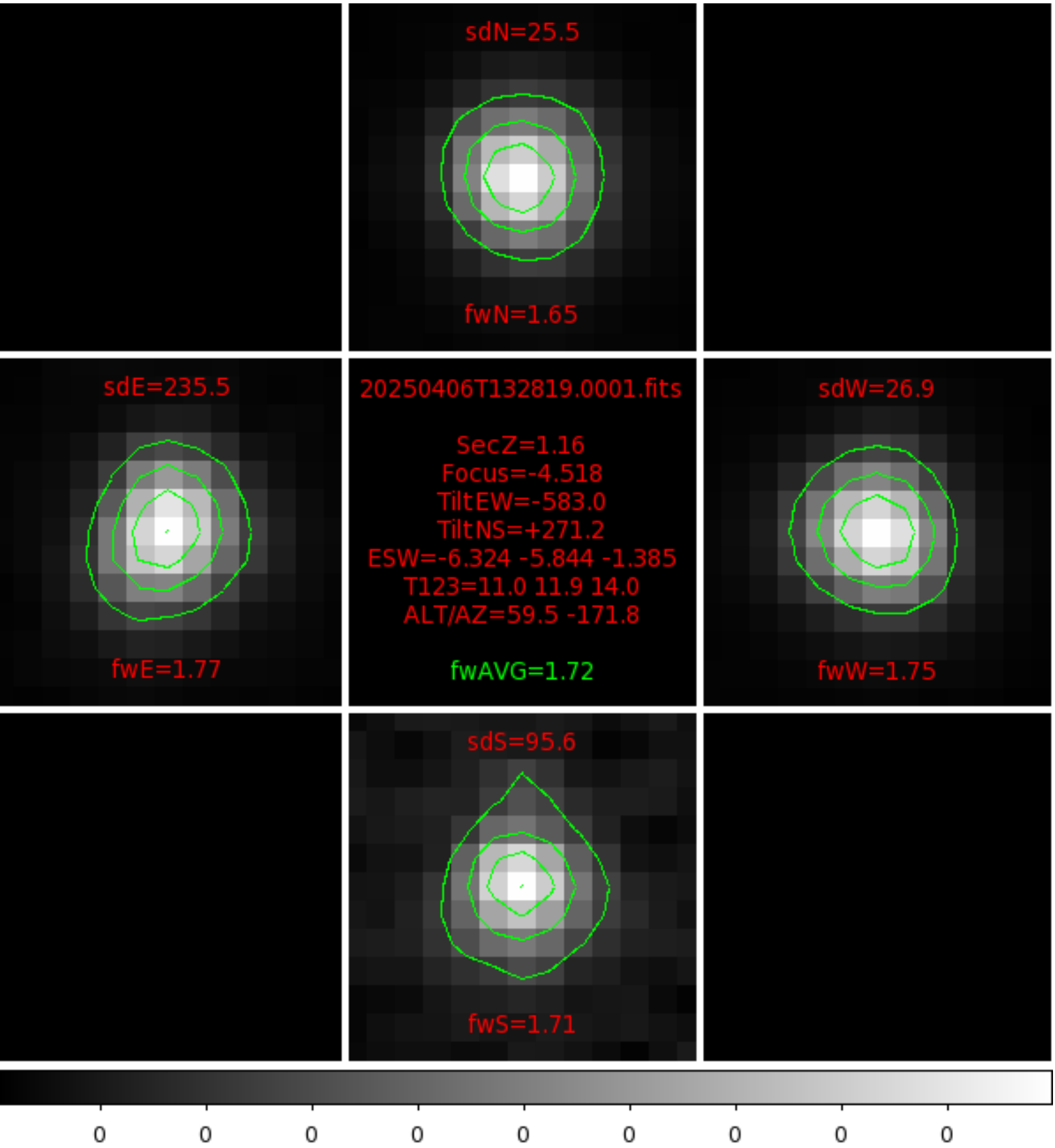
sdN=25.5
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SecZ=1.16
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 11.9 14.0
ALT/AZ=59.5 -171.8
fwAVG=1.72
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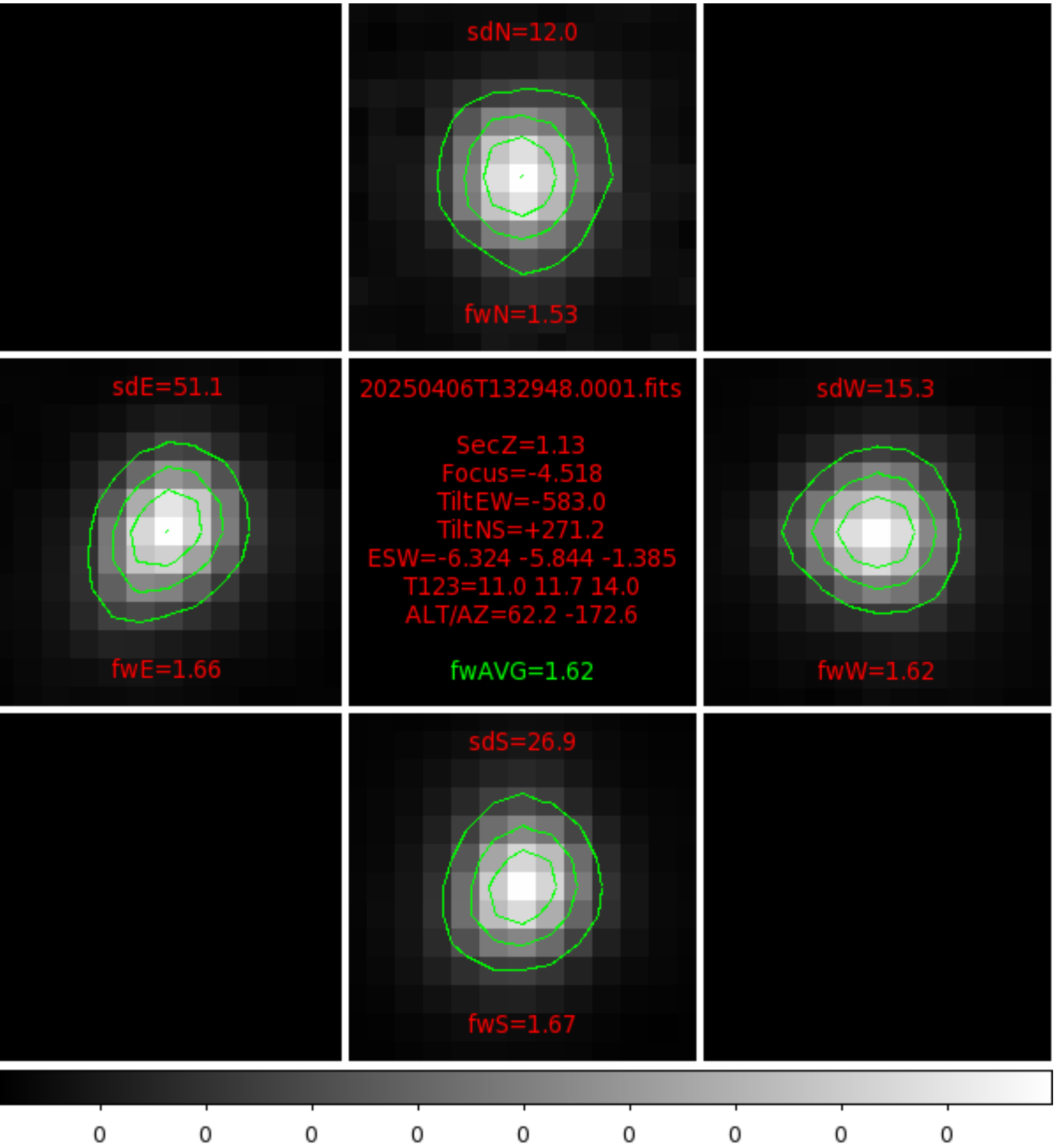
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SecZ=1.13
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 11.7 14.0
ALT/AZ=62.2 -172.6
fwAVG=1.62
sdW=15.3
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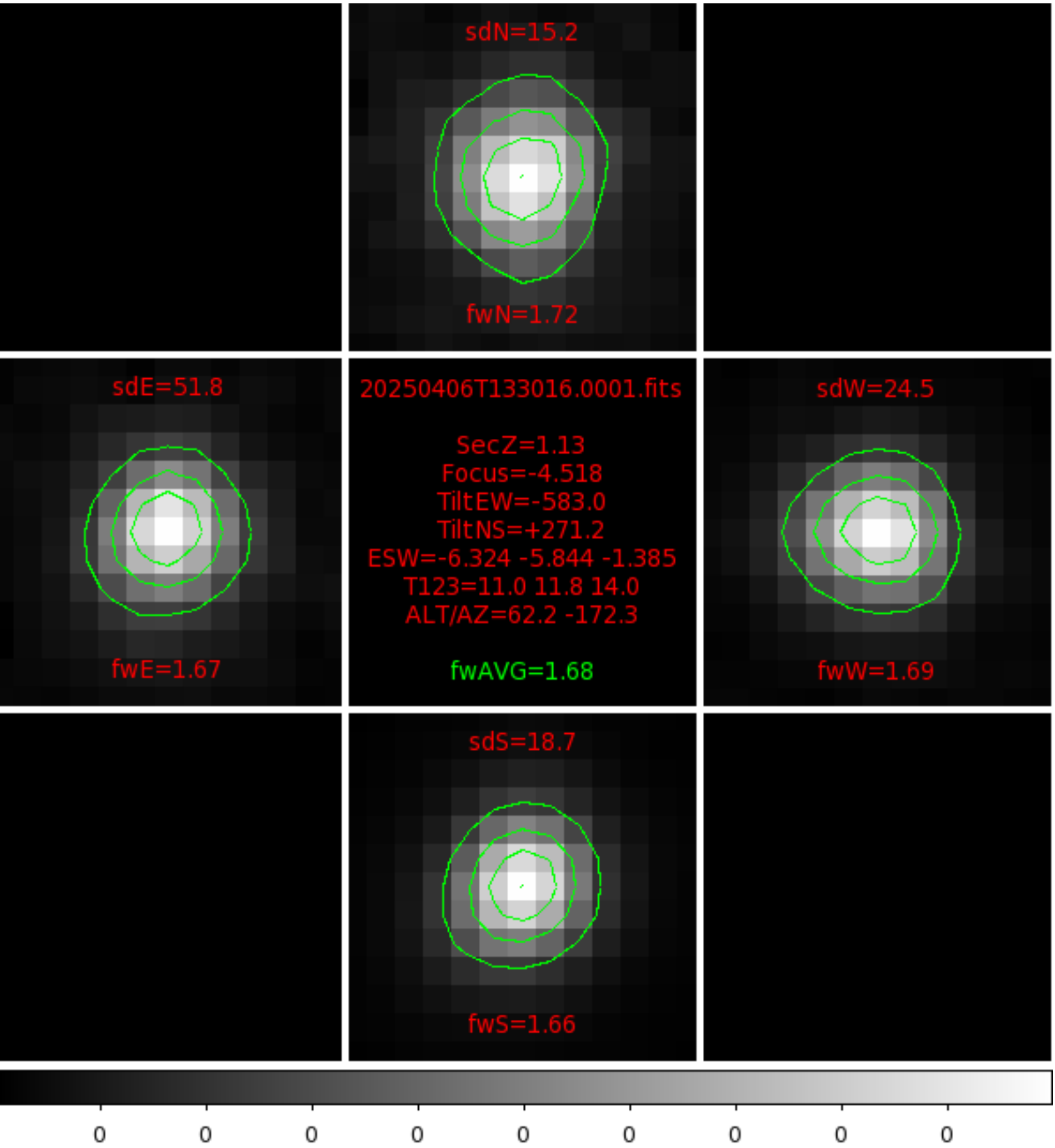
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SecZ=1.13
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TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 11.8 14.0
ALT/AZ=62.2 -172.3
fwAVG=1.68
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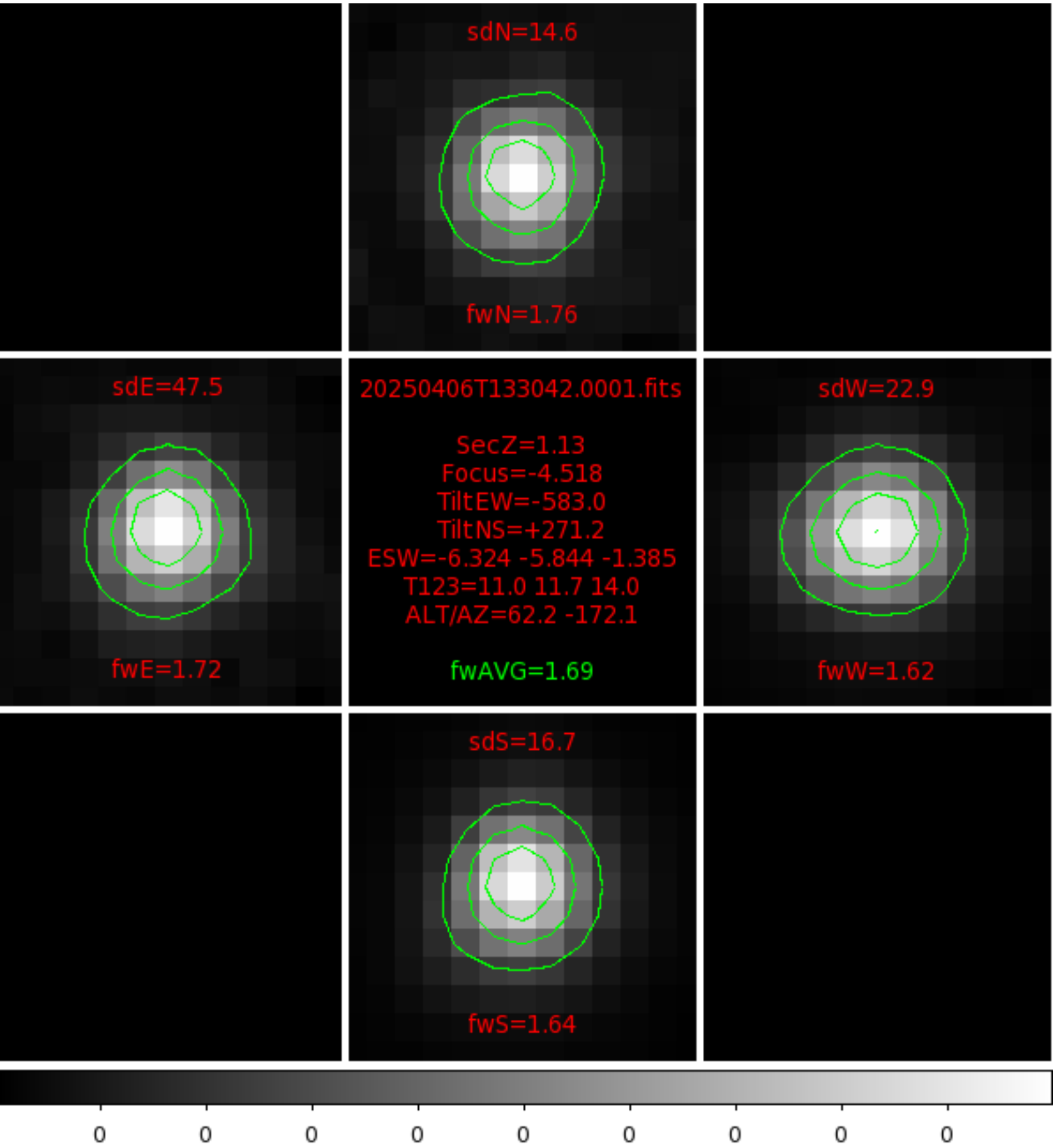
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SecZ=1.13
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 11.7 14.0
ALT/AZ=62.2 -172.1
fwAVG=1.69
sdW=22.9
fwW=1.62
sdS=16.7
fwS=1.64
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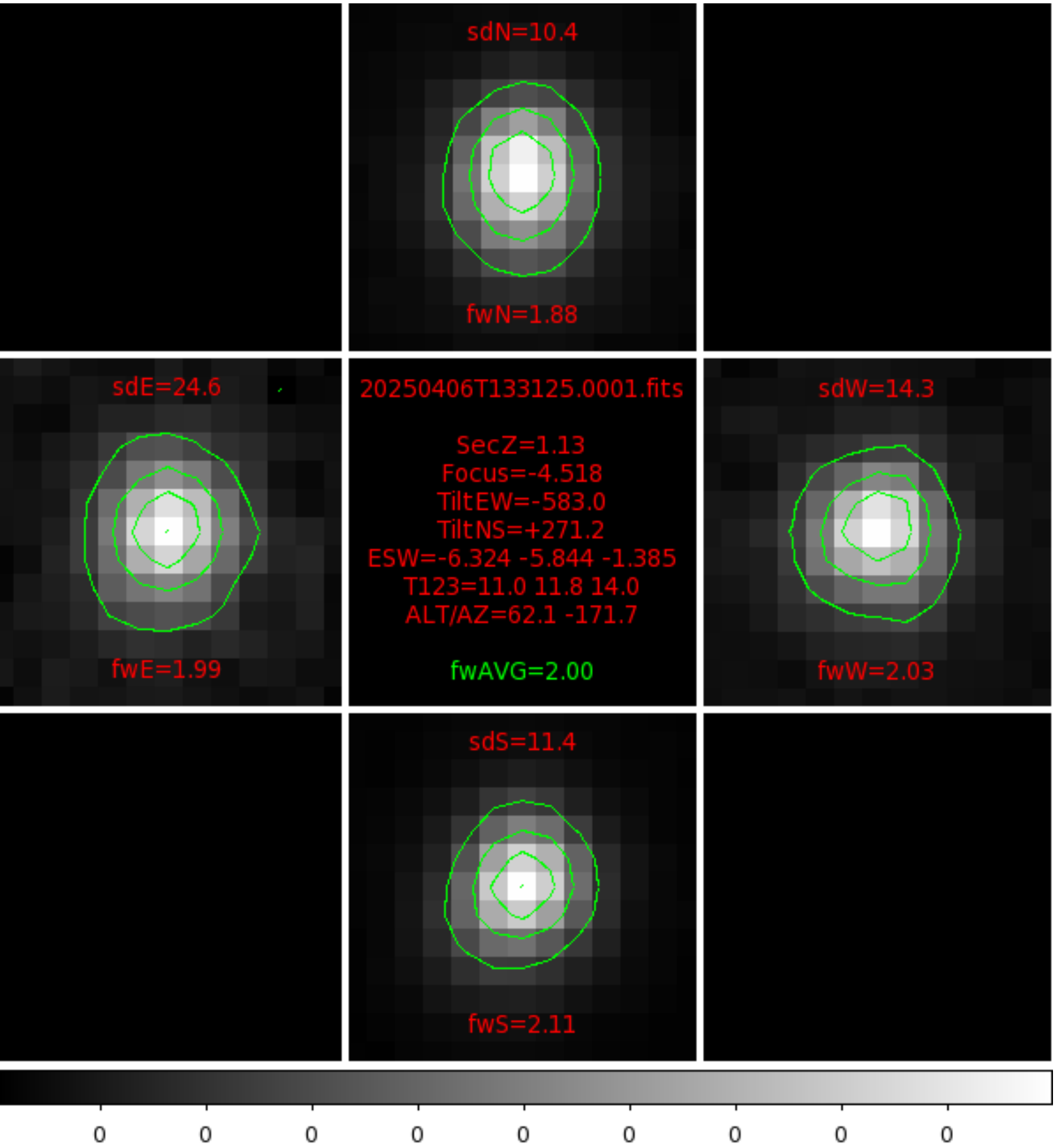
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Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 11.8 14.0
ALT/AZ=62.1 -171.7
fwAVG=2.00
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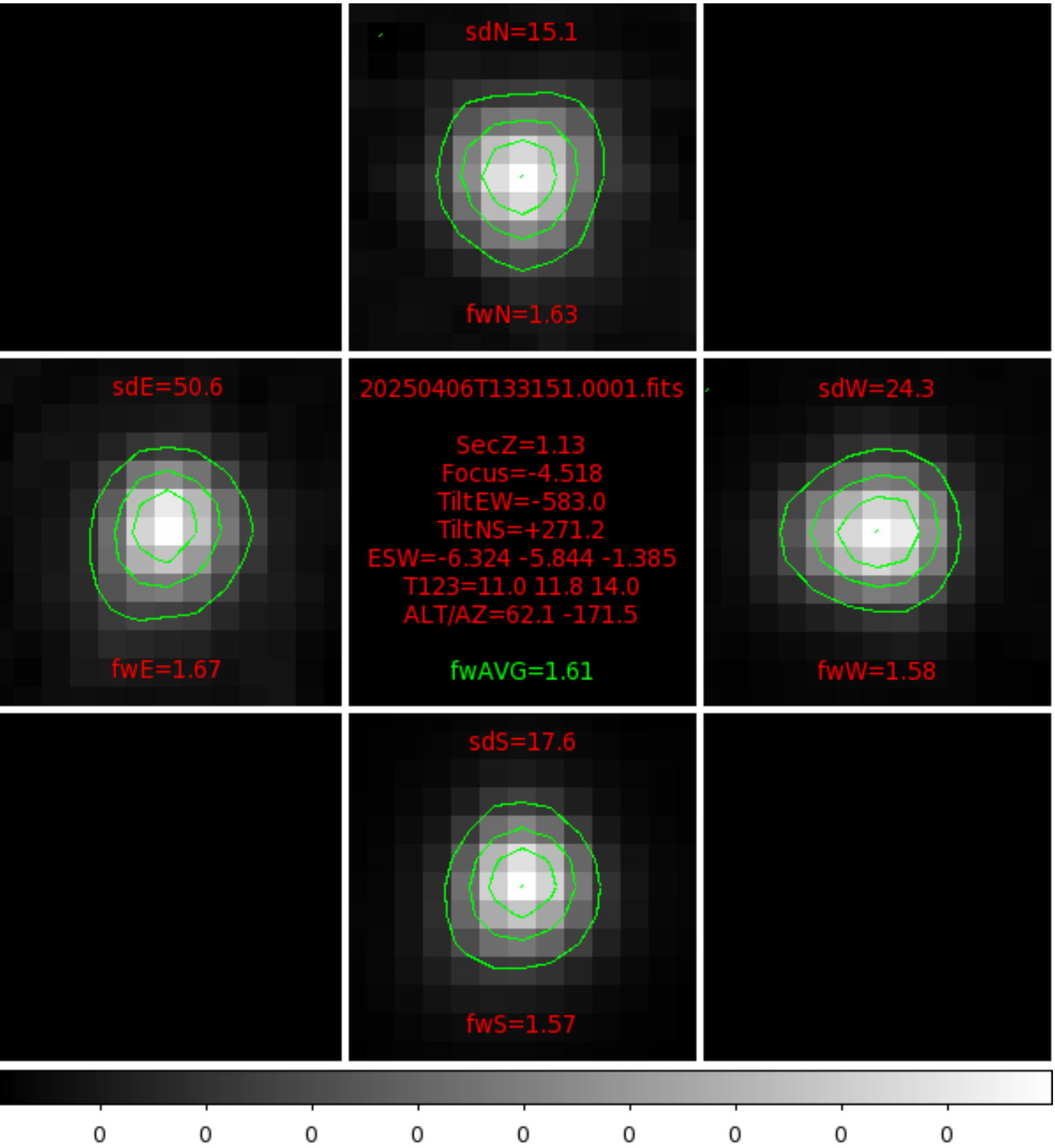
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TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 11.8 14.0
ALT/AZ=62.1 -171.5
fwAVG=1.61
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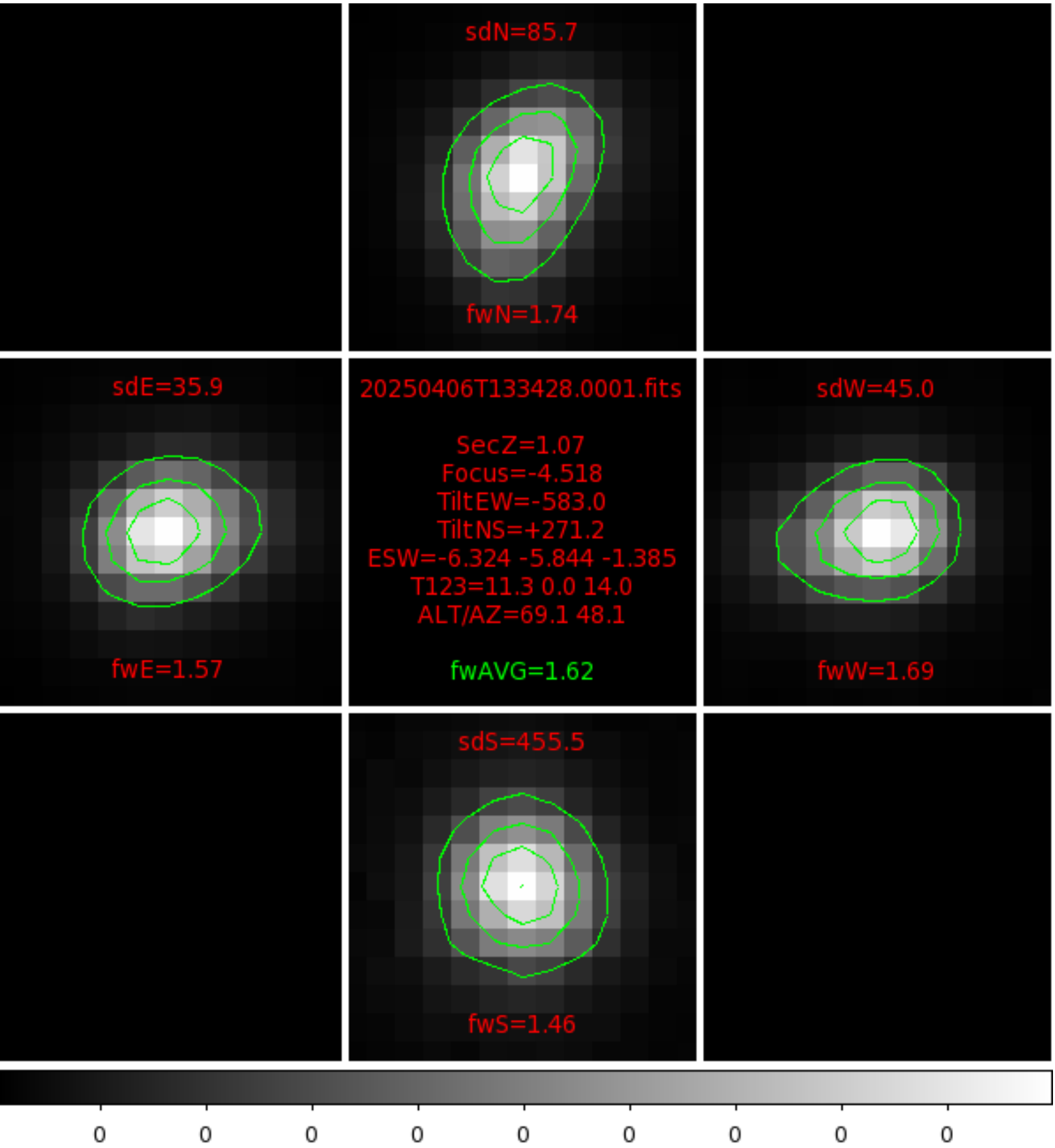
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T123=11.3 0.0 14.0
ALT/AZ=69.1 48.1
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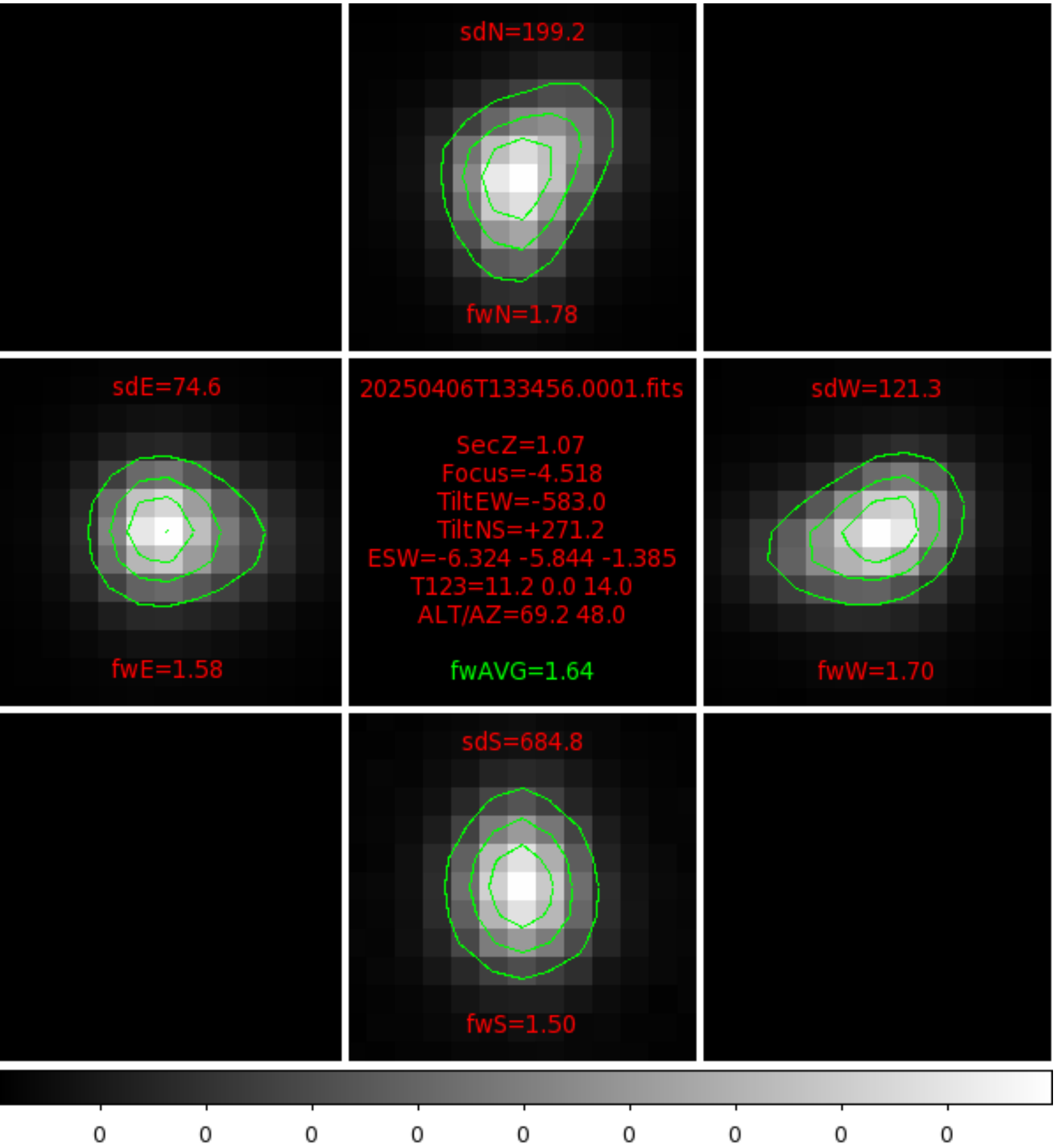
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.2 0.0 14.0
ALT/AZ=69.2 48.0
fwAVG=1.64
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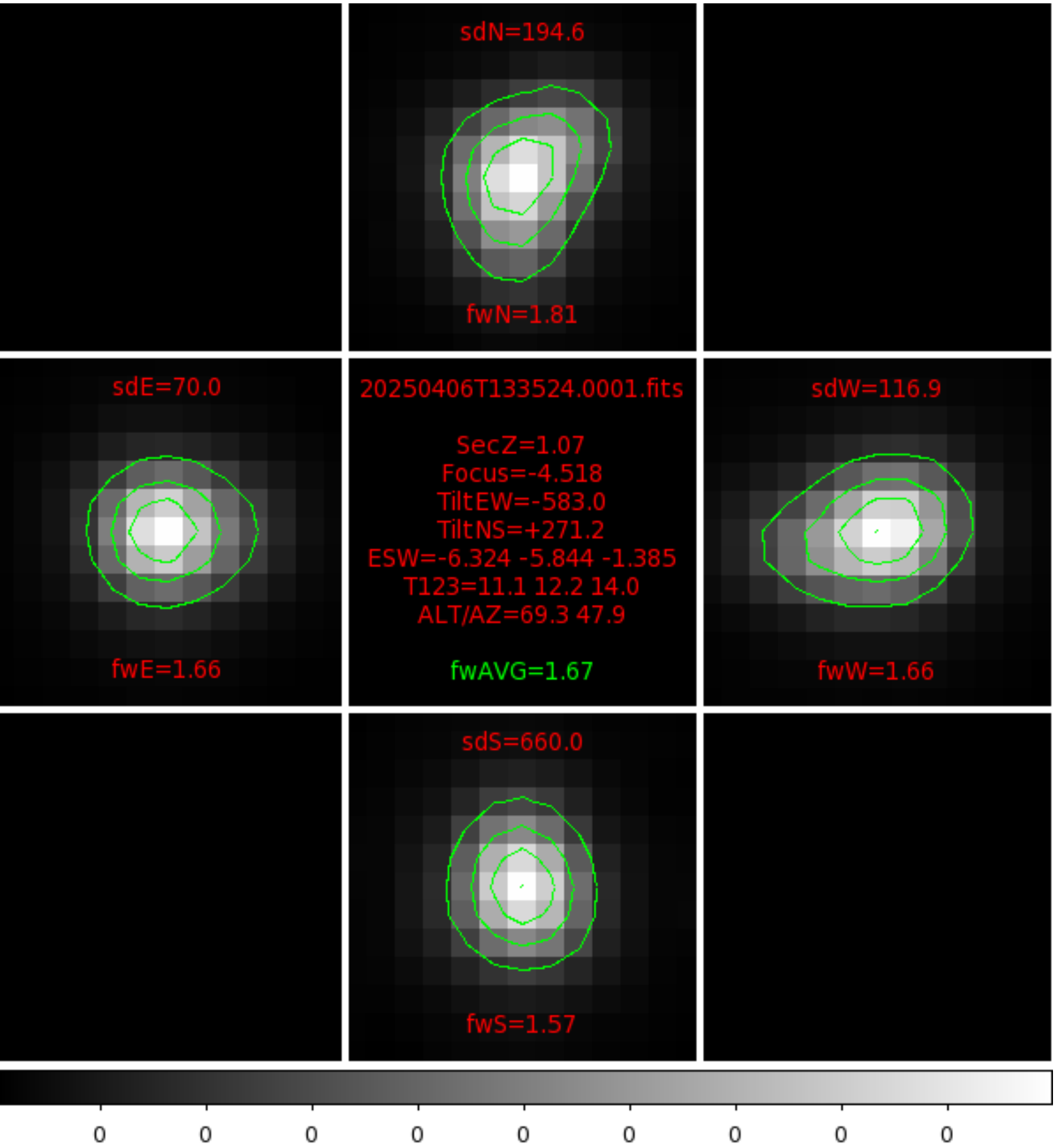
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SecZ=1.07
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.2 14.0
ALT/AZ=69.3 47.9
fwAVG=1.67
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sdS=660.0
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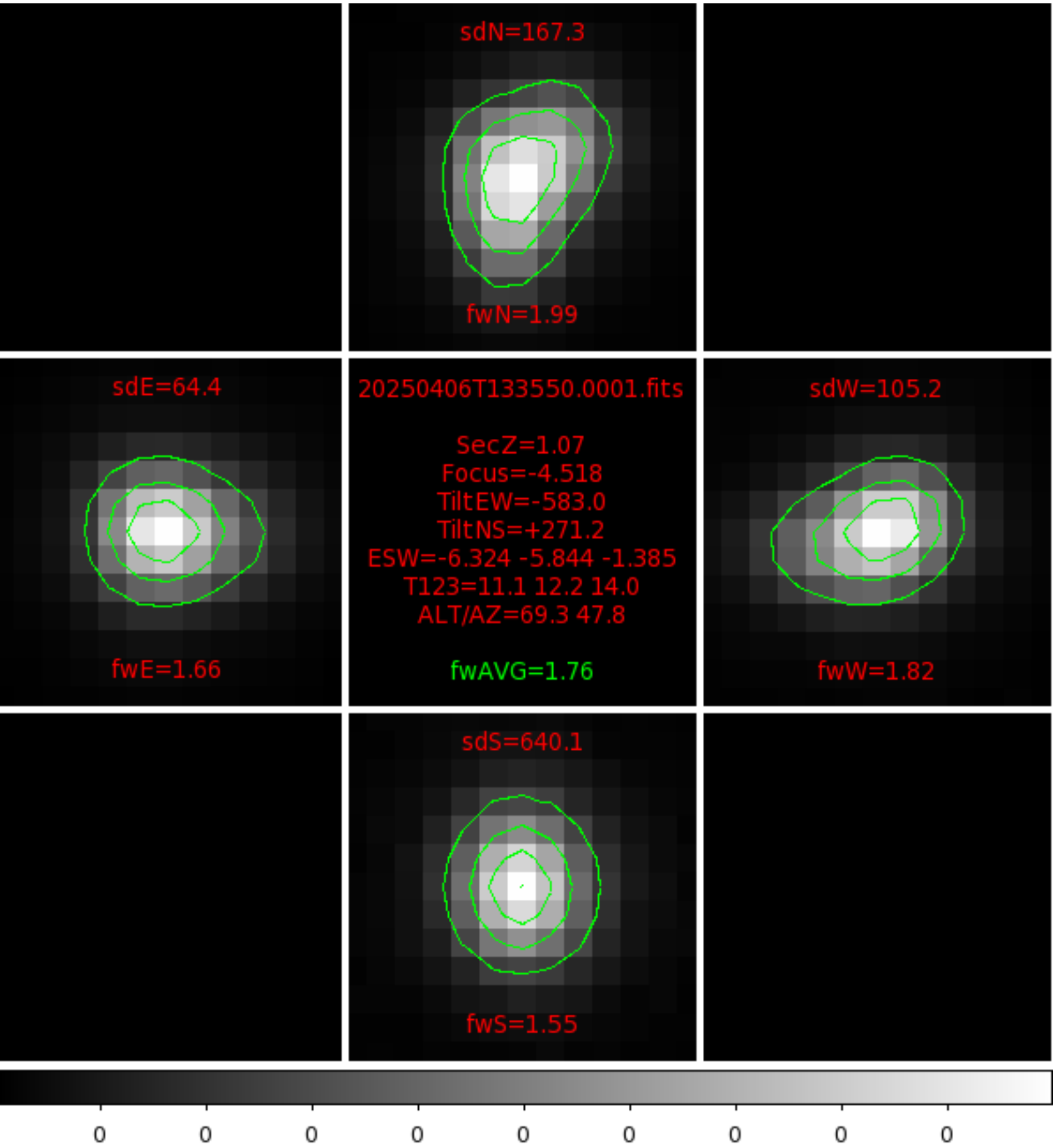
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fwE=1.66
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SecZ=1.07
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.2 14.0
ALT/AZ=69.3 47.8
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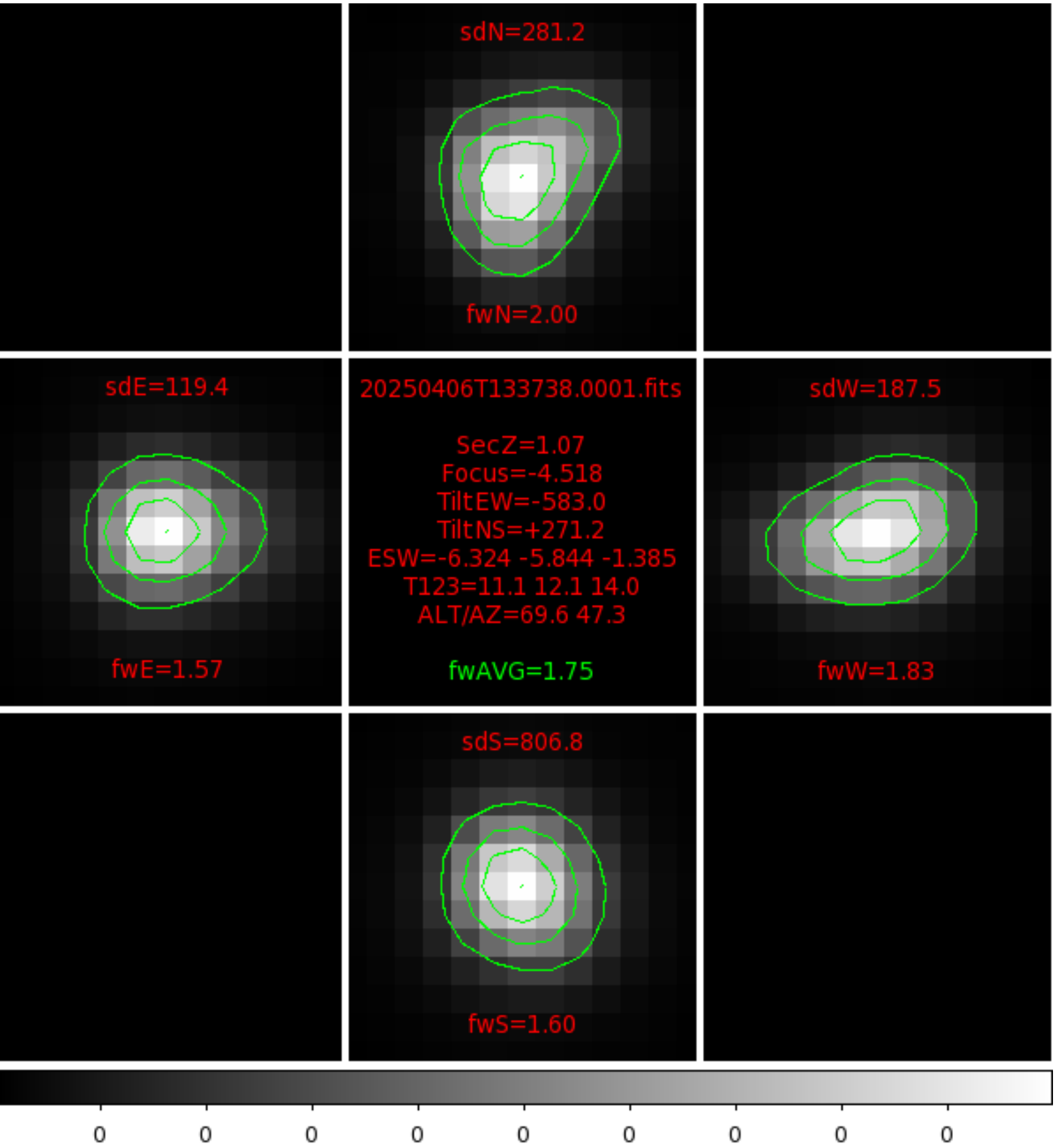
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sdE=119.4
fwE=1.57
20250406T133738.0001.fits
SecZ=1.07
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.1 14.0
ALT/AZ=69.6 47.3
fwAVG=1.75
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sdS=806.8
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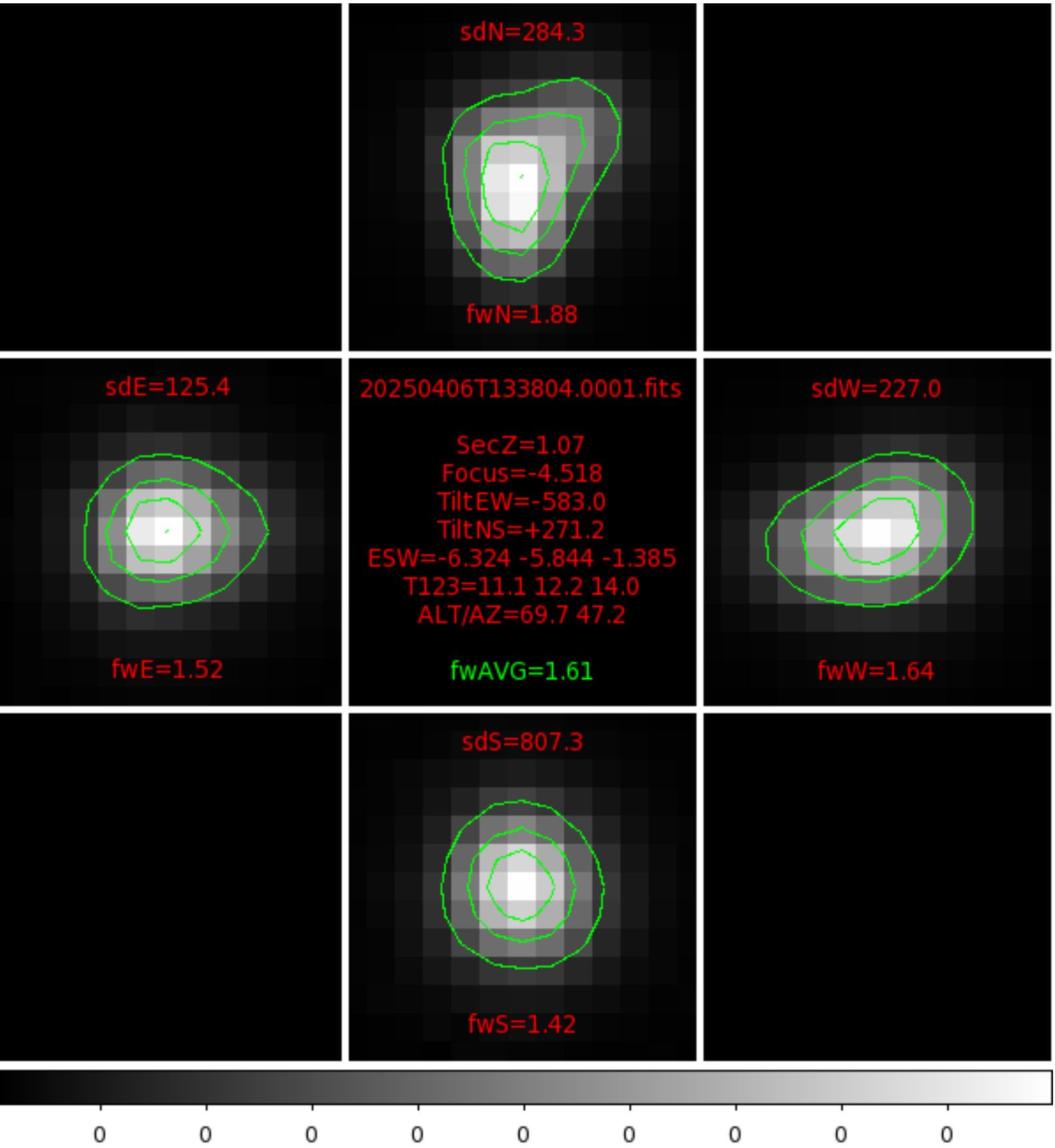
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SecZ=1.07
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.2 14.0
ALT/AZ=69.7 47.2
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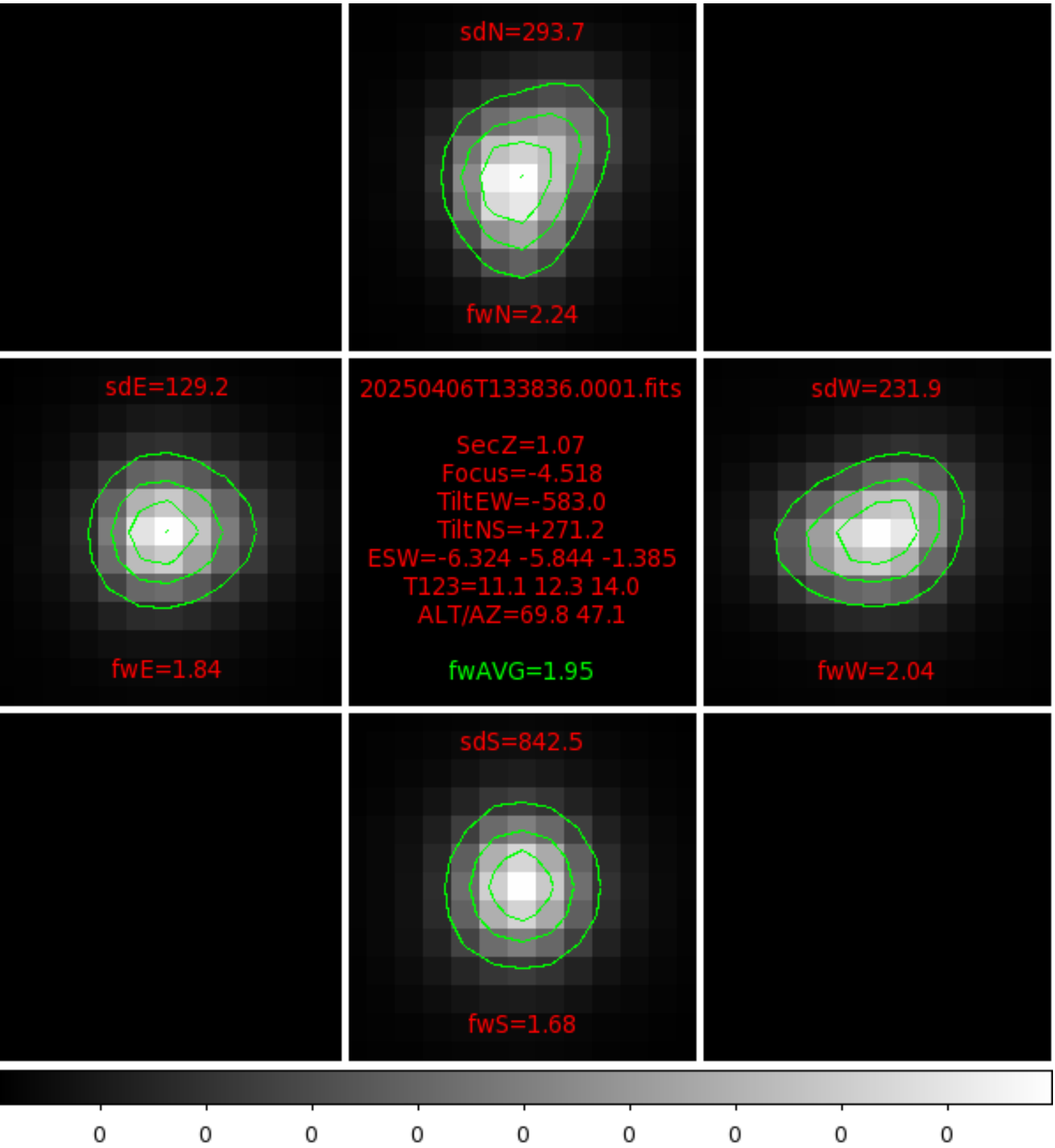
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SecZ=1.07
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.3 14.0
ALT/AZ=69.8 47.1
fwAVG=1.95
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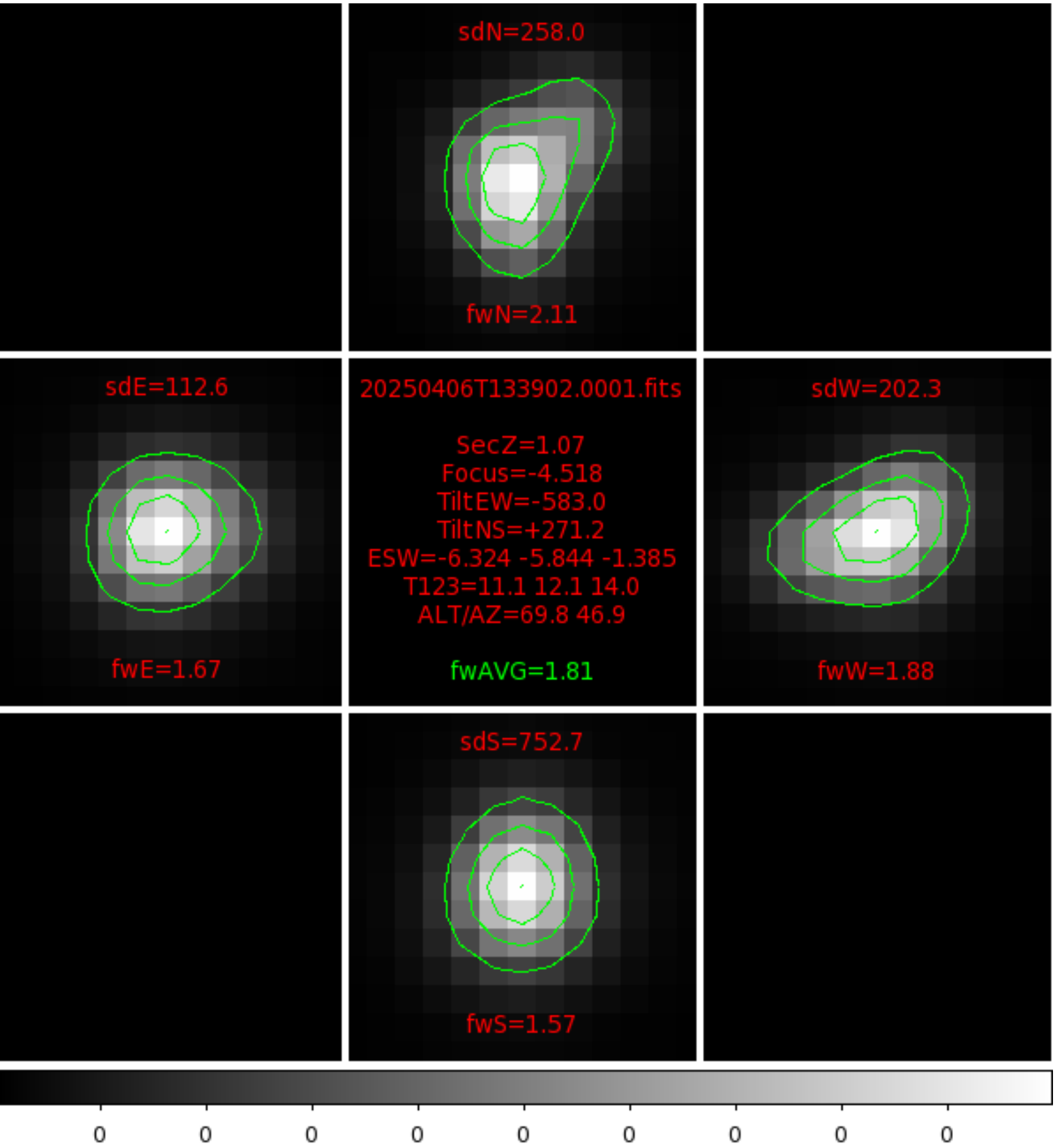
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TiltNS=+271.2
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T123=11.1 12.1 14.0
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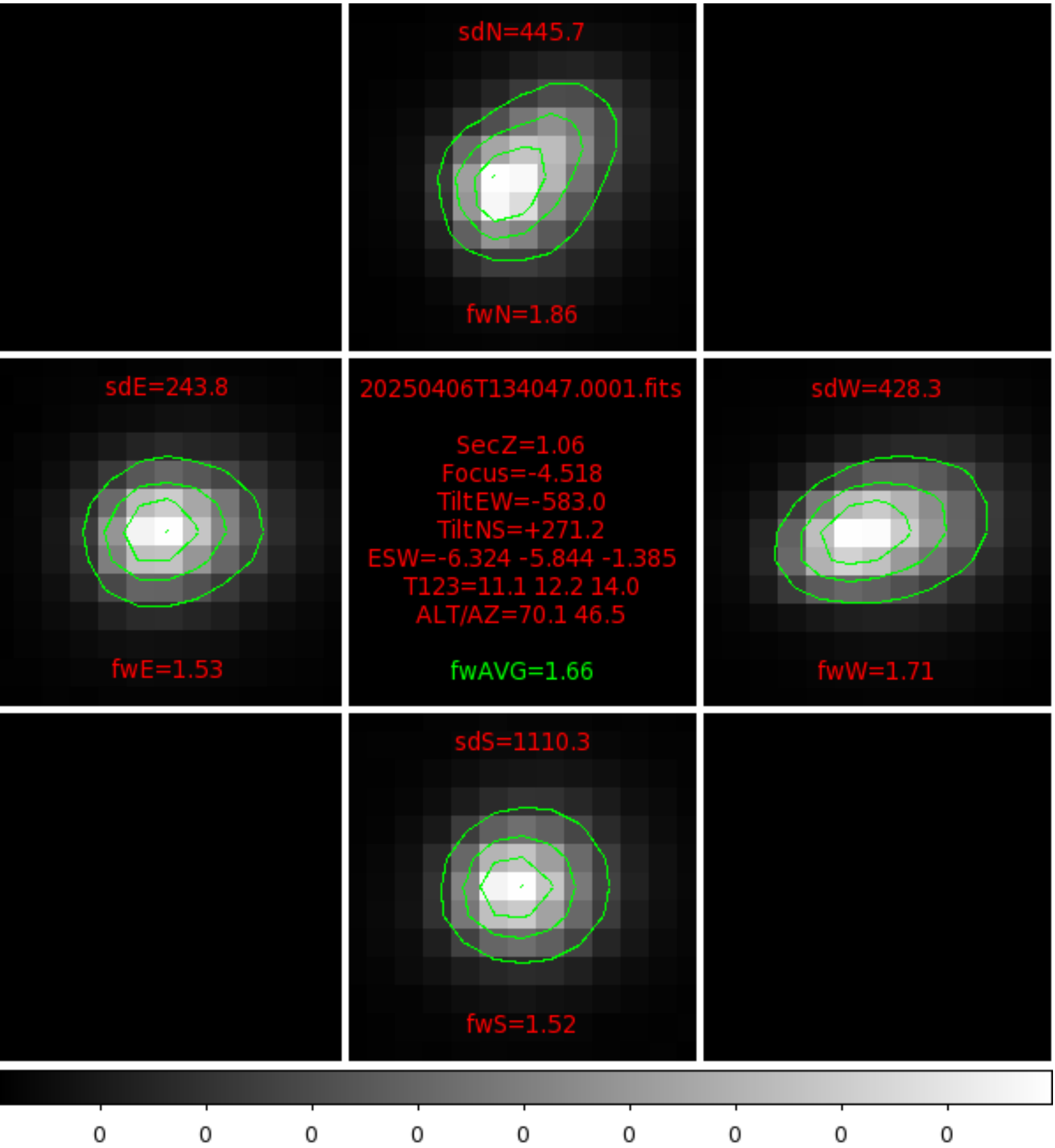
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SecZ=1.06
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.2 14.0
ALT/AZ=70.1 46.5
fwAVG=1.66
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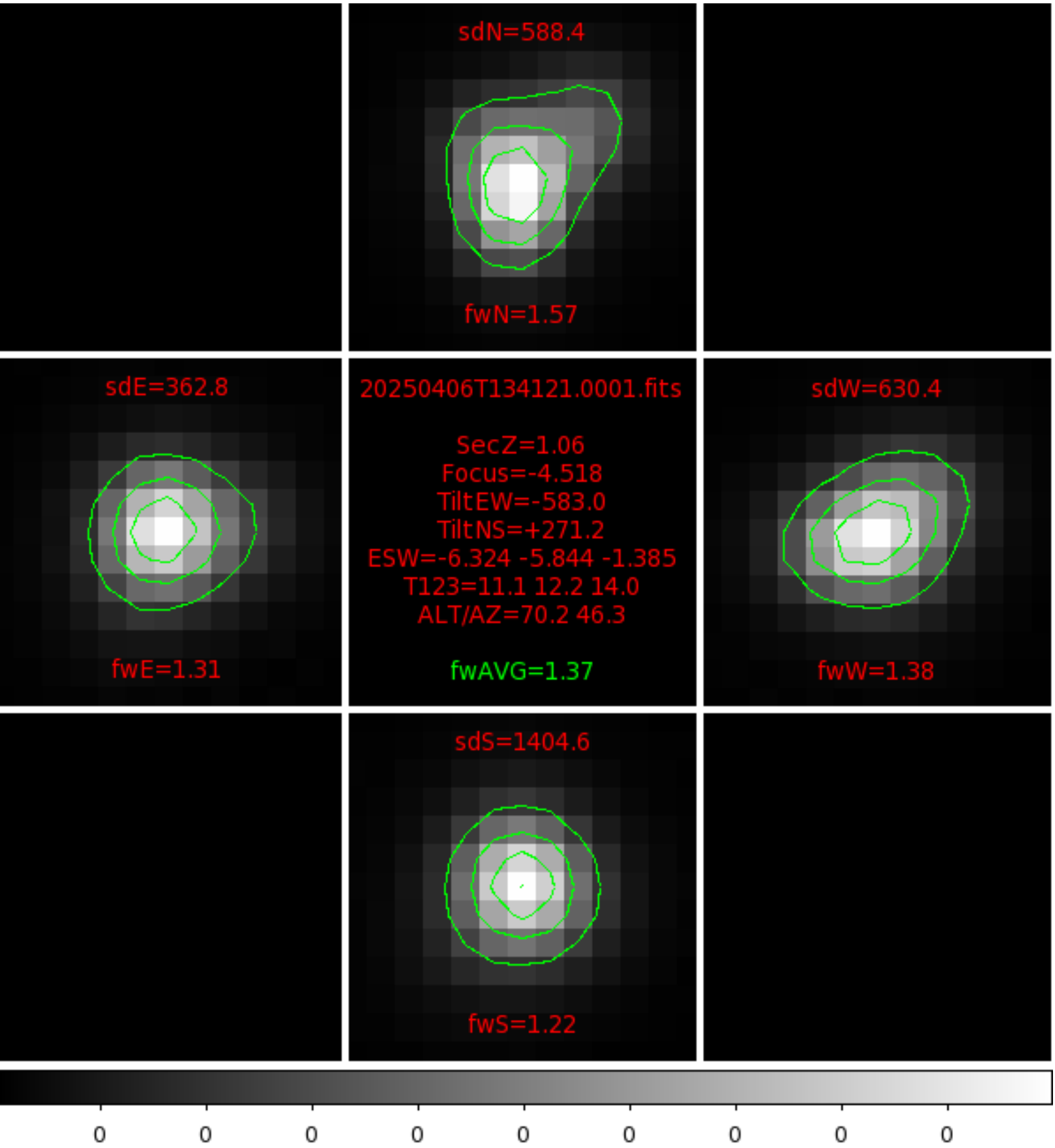
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sdE=362.8
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.2 14.0
ALT/AZ=70.2 46.3
fwAVG=1.37
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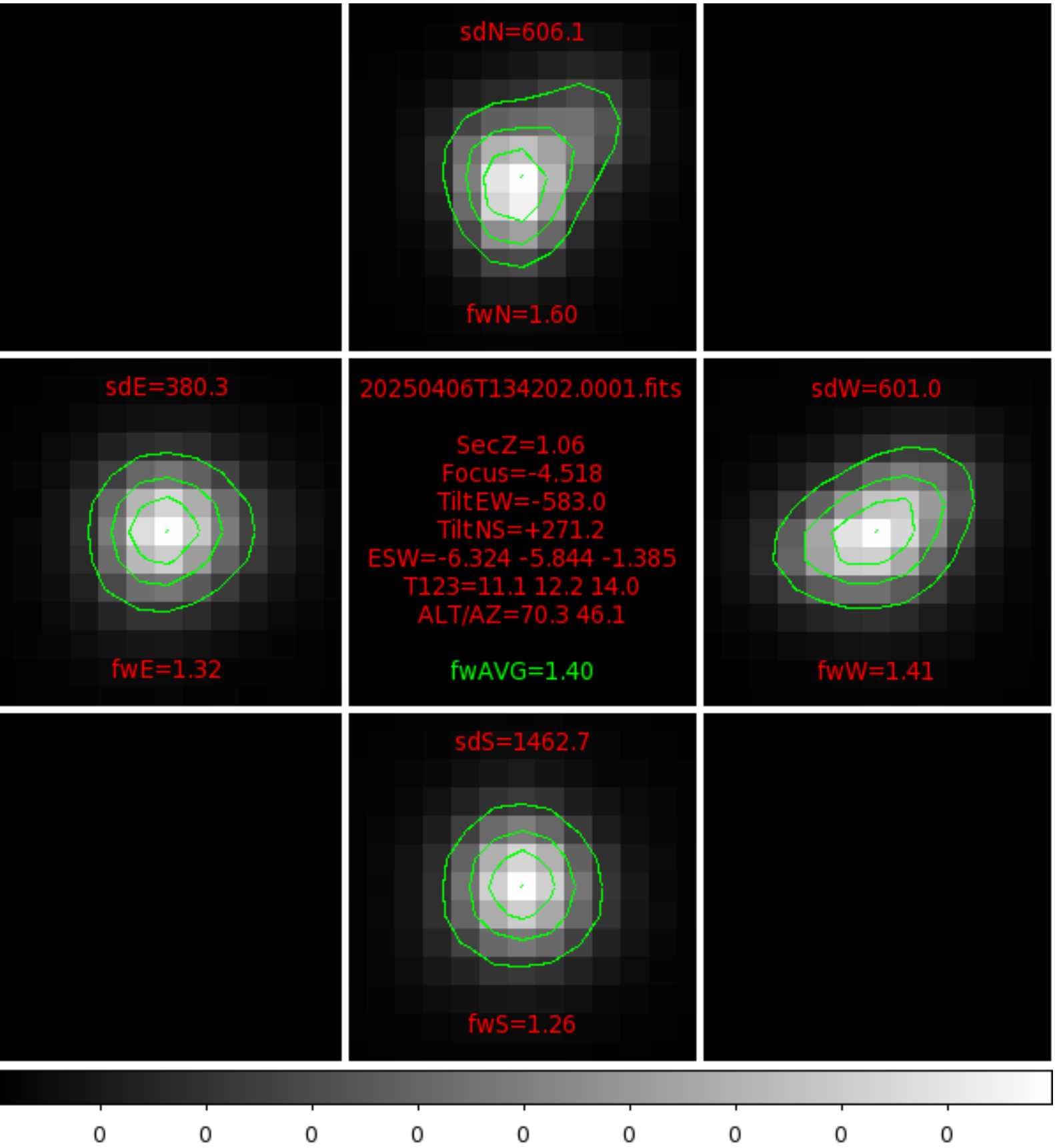
sdN=606.1
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Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.2 14.0
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fwAVG=1.40
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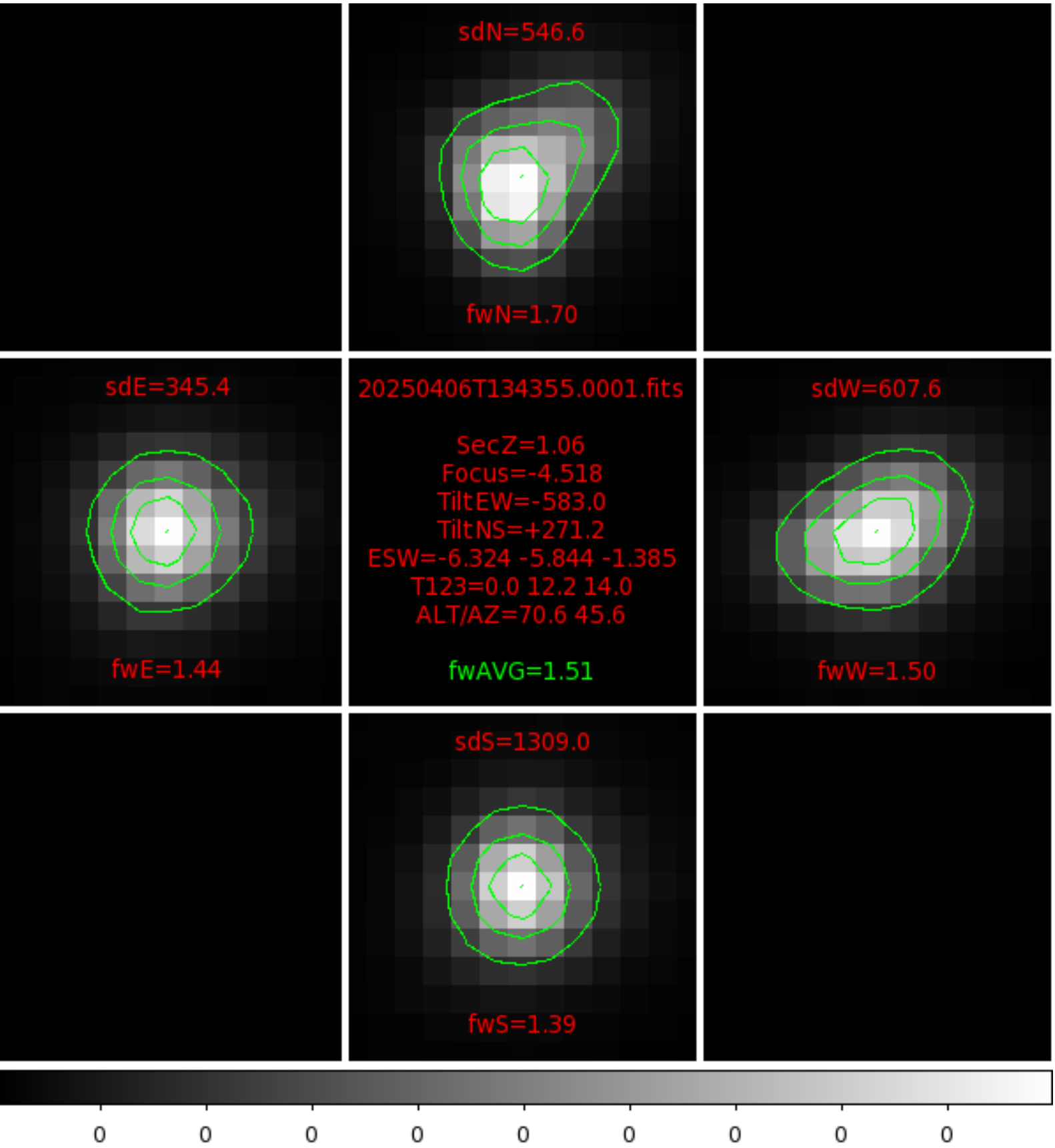
sdN=546.6
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SecZ=1.06
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=0.0 12.2 14.0
ALT/AZ=70.6 45.6
fwAVG=1.51
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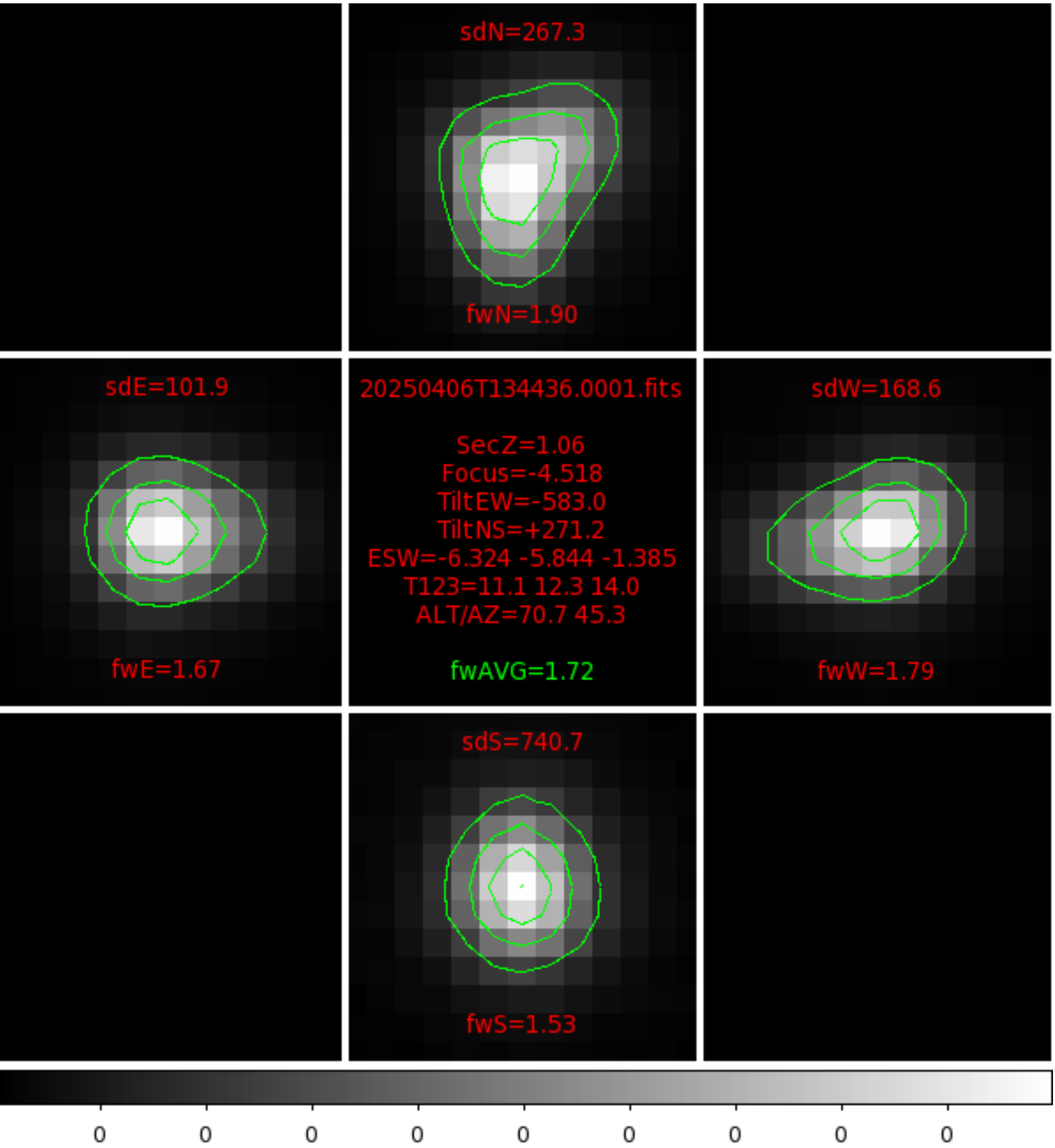
sdN=267.3
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sdE=101.9
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SecZ=1.06
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.3 14.0
ALT/AZ=70.7 45.3
fwAVG=1.72
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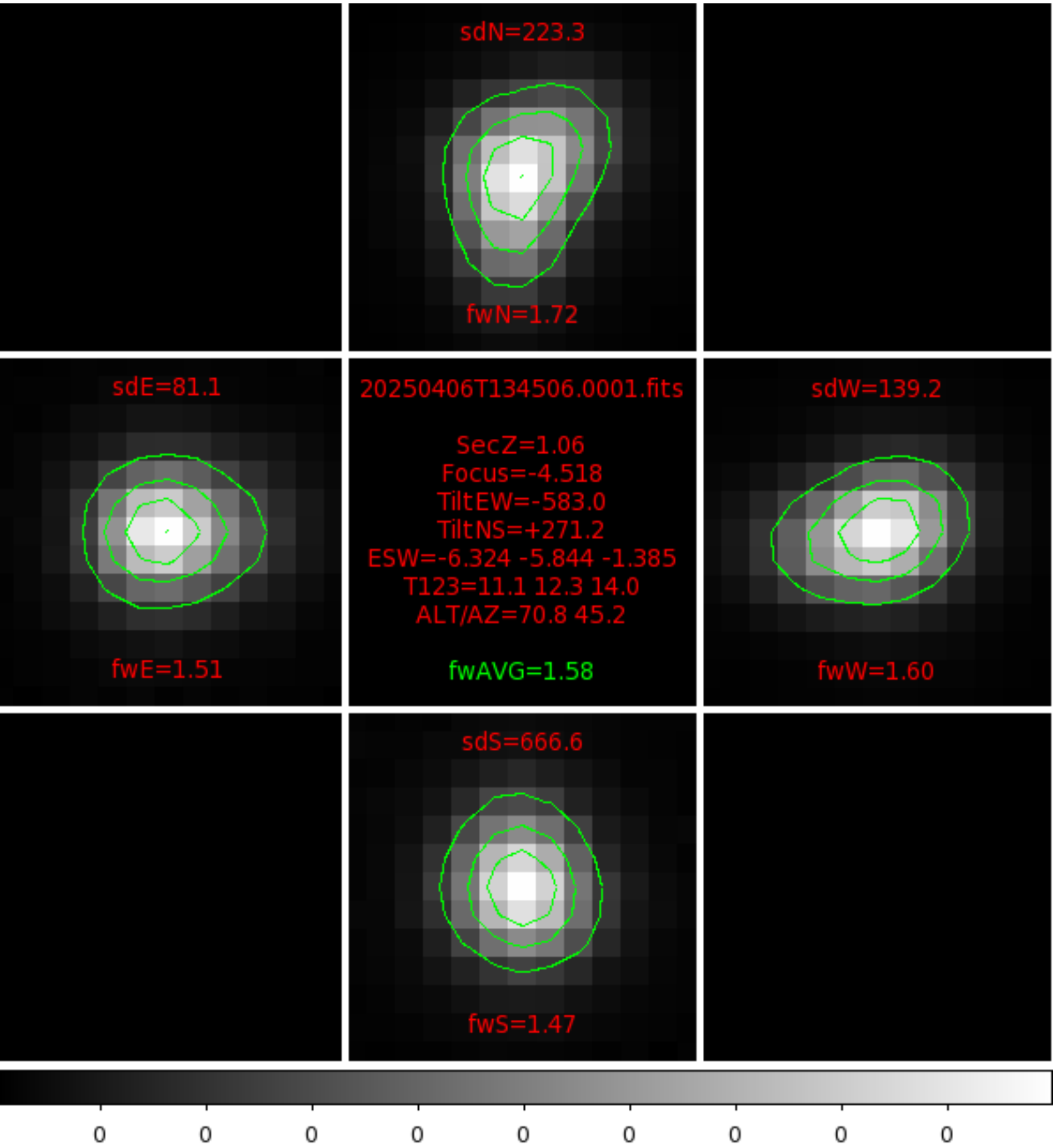
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SecZ=1.06
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.3 14.0
ALT/AZ=70.8 45.2
fwAVG=1.58
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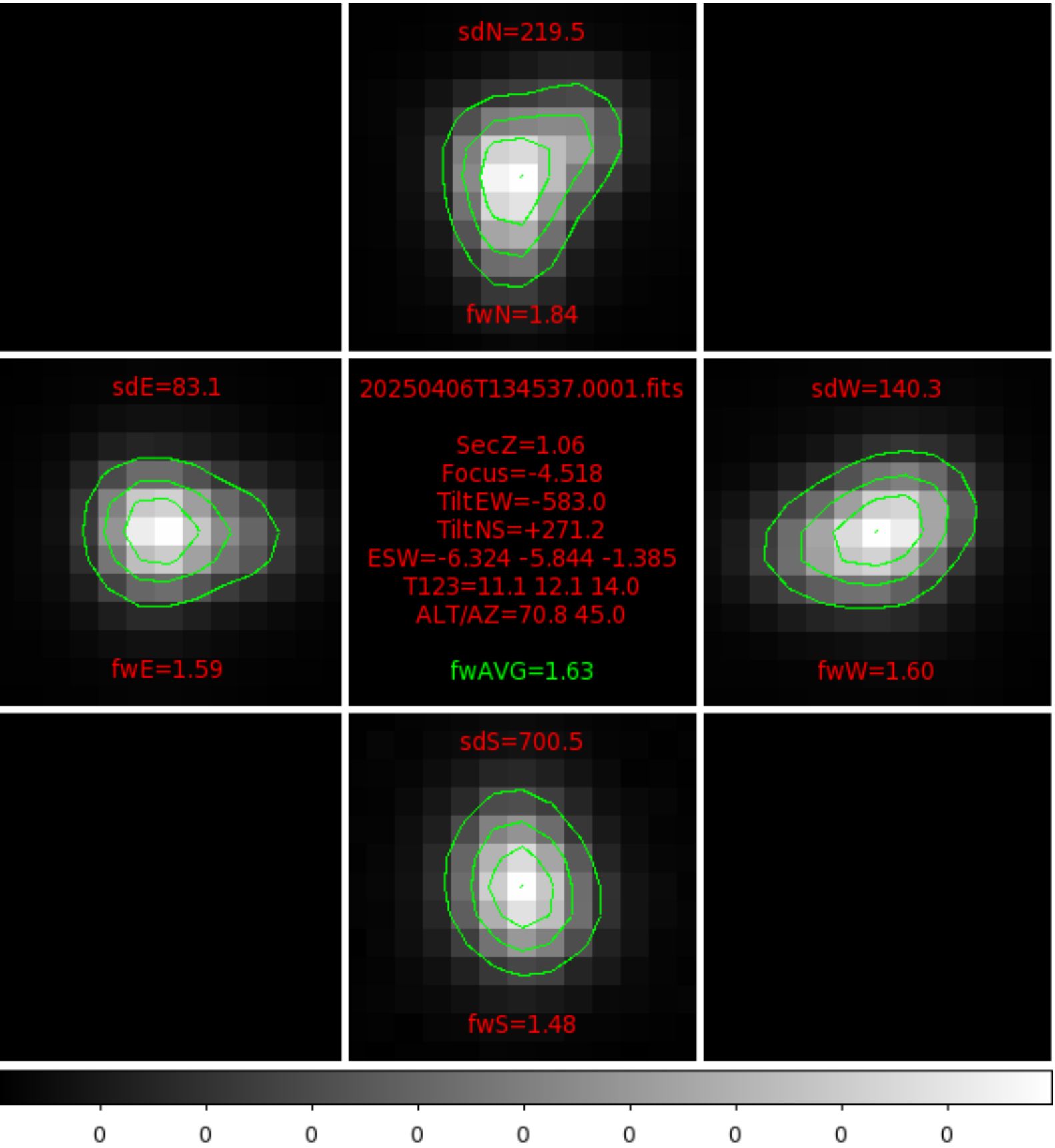
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SecZ=1.06
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.1 14.0
ALT/AZ=70.8 45.0
fwAVG=1.63
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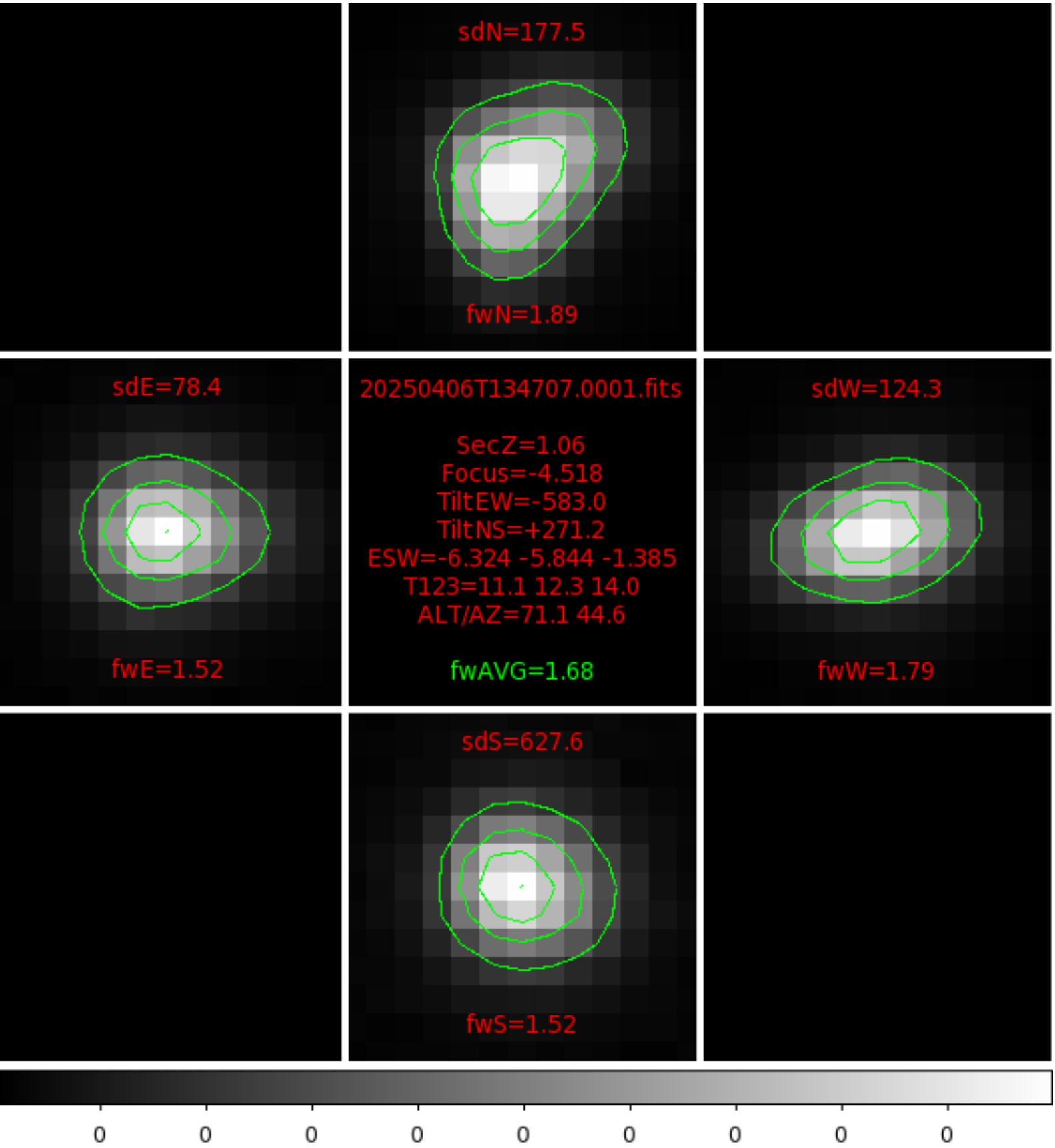
sdN=177.5
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sdE=78.4
fwE=1.52
20250406T134707.0001.fits
SecZ=1.06
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.3 14.0
ALT/AZ=71.1 44.6
fwAVG=1.68
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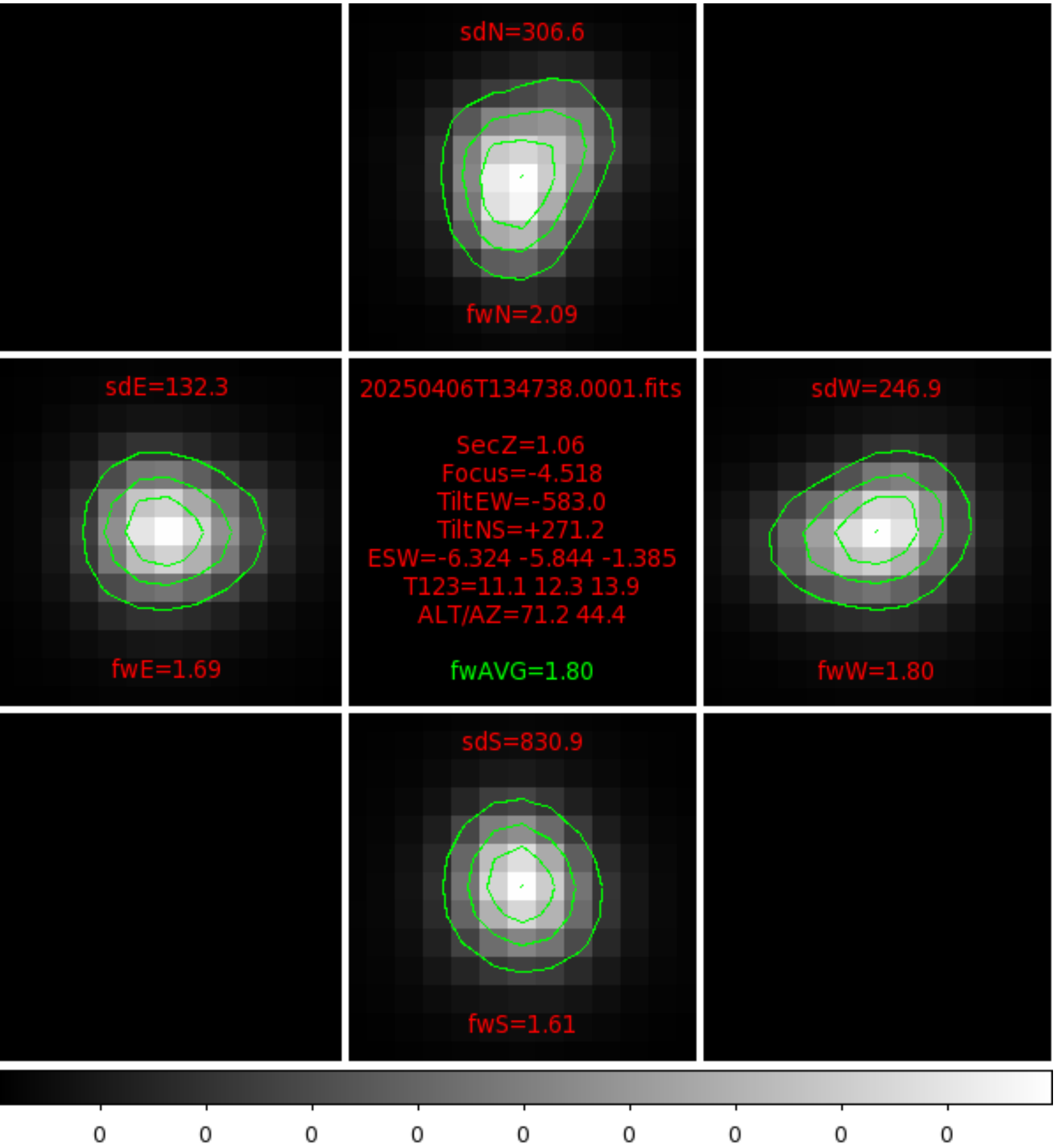
sdN=306.6
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SecZ=1.06
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.3 13.9
ALT/AZ=71.2 44.4
fwAVG=1.80
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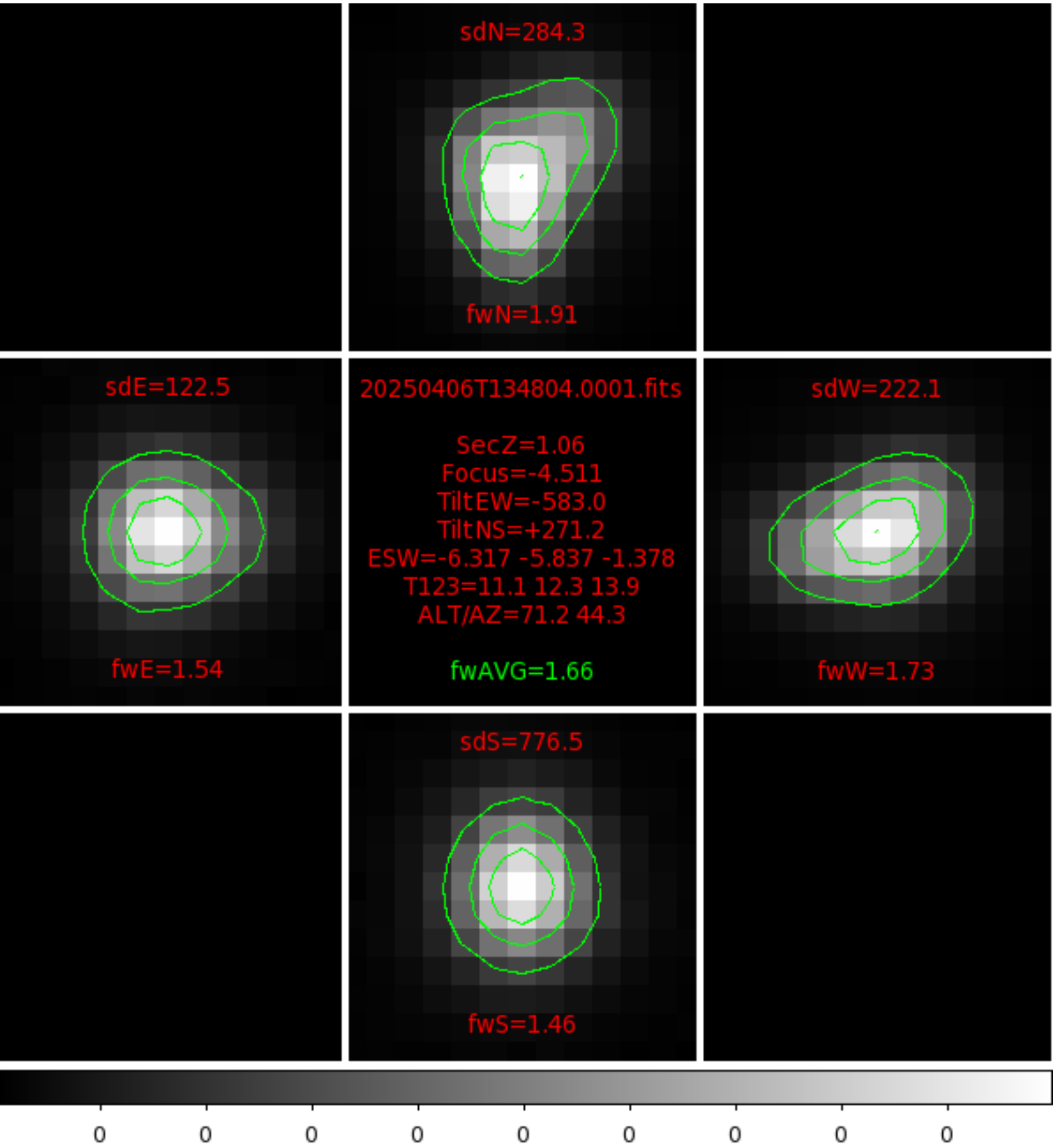
sdN=284.3
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.1 12.3 13.9
ALT/AZ=71.2 44.3
fwAVG=1.66
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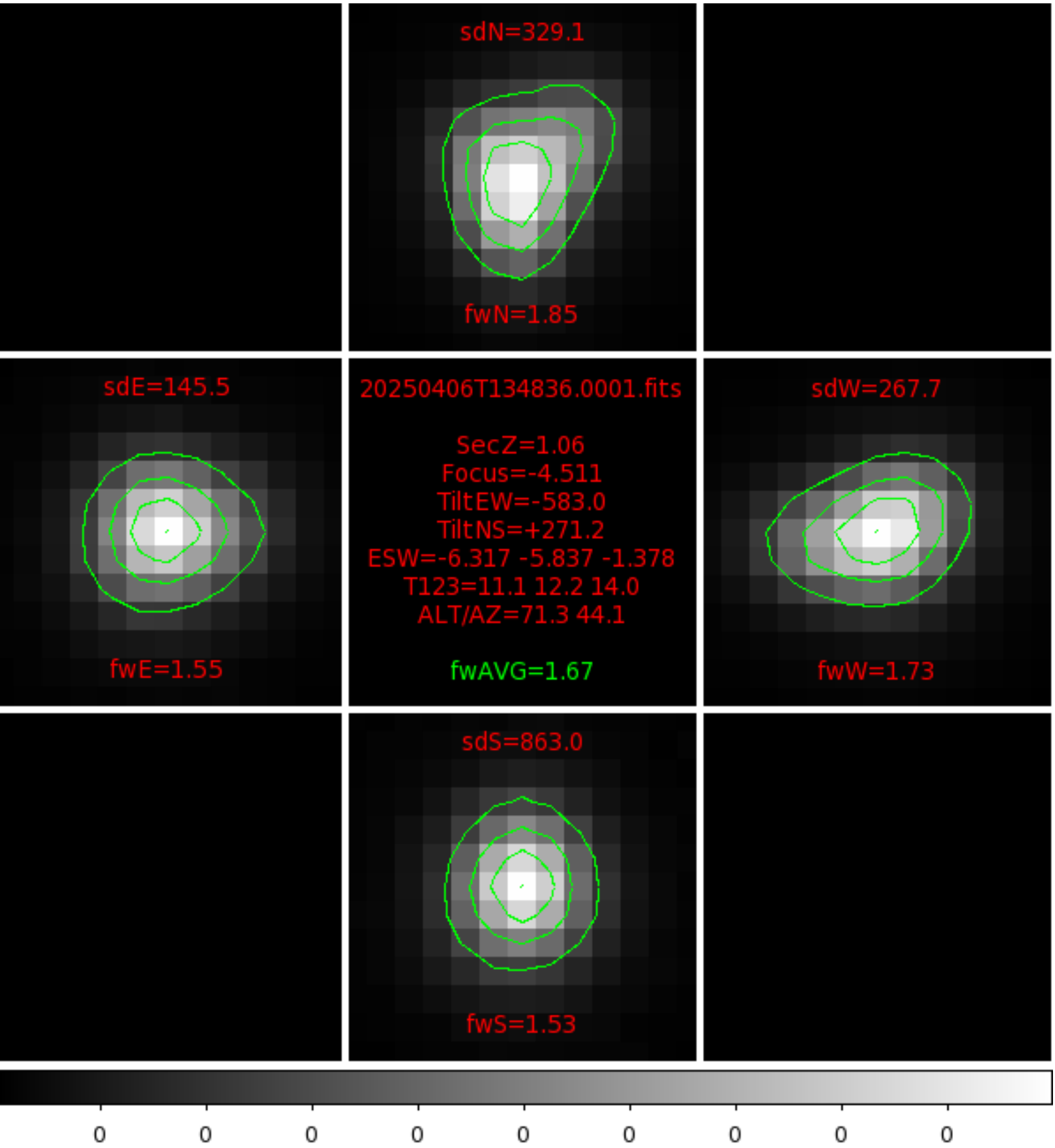
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SecZ=1.06
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.1 12.2 14.0
ALT/AZ=71.3 44.1
fwAVG=1.67
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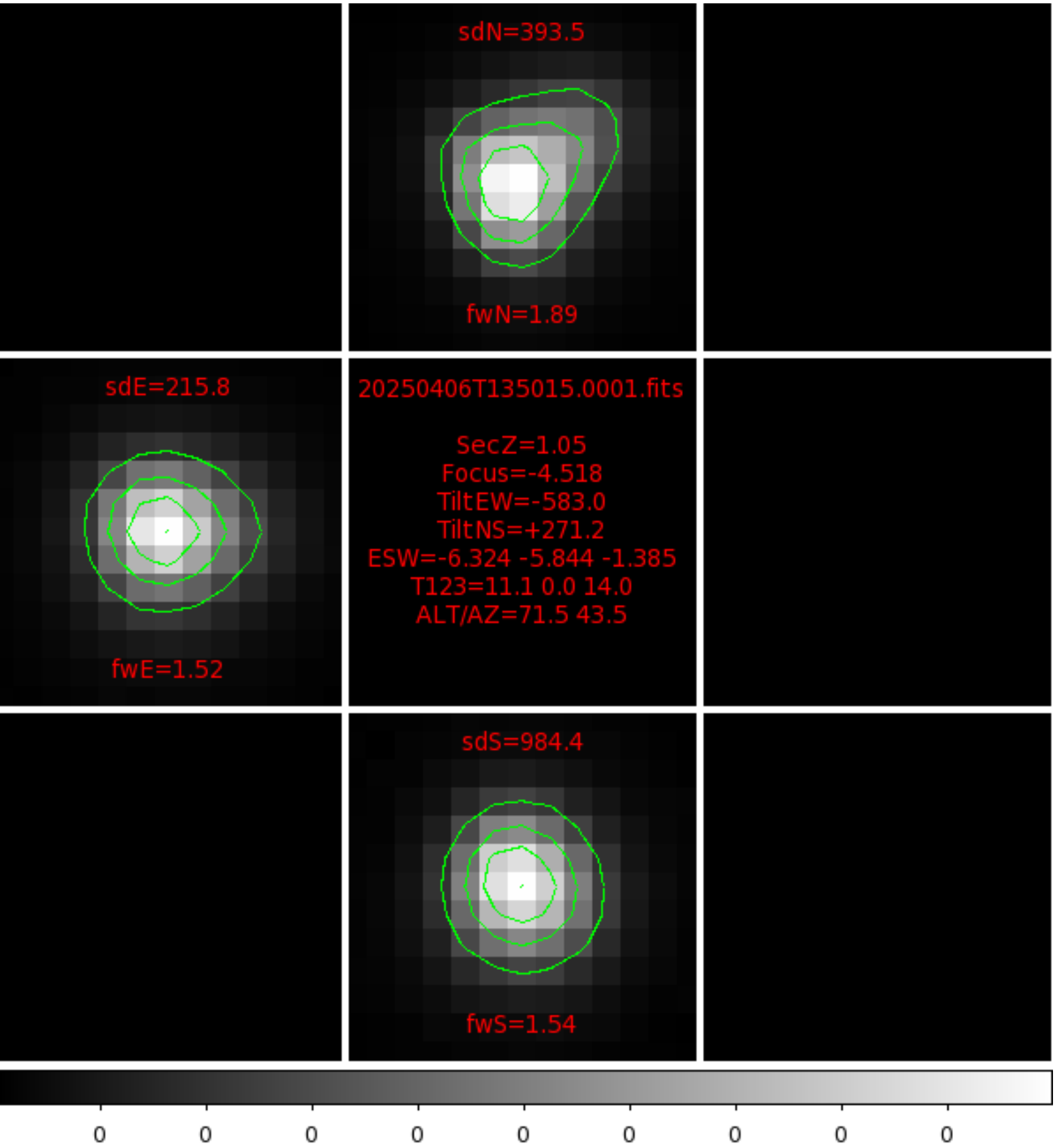
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fwN=1.89
sdE=215.8
fwE=1.52
20250406T135015.0001.fits
SecZ=1.05
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 0.0 14.0
ALT/AZ=71.5 43.5
sdS=984.4
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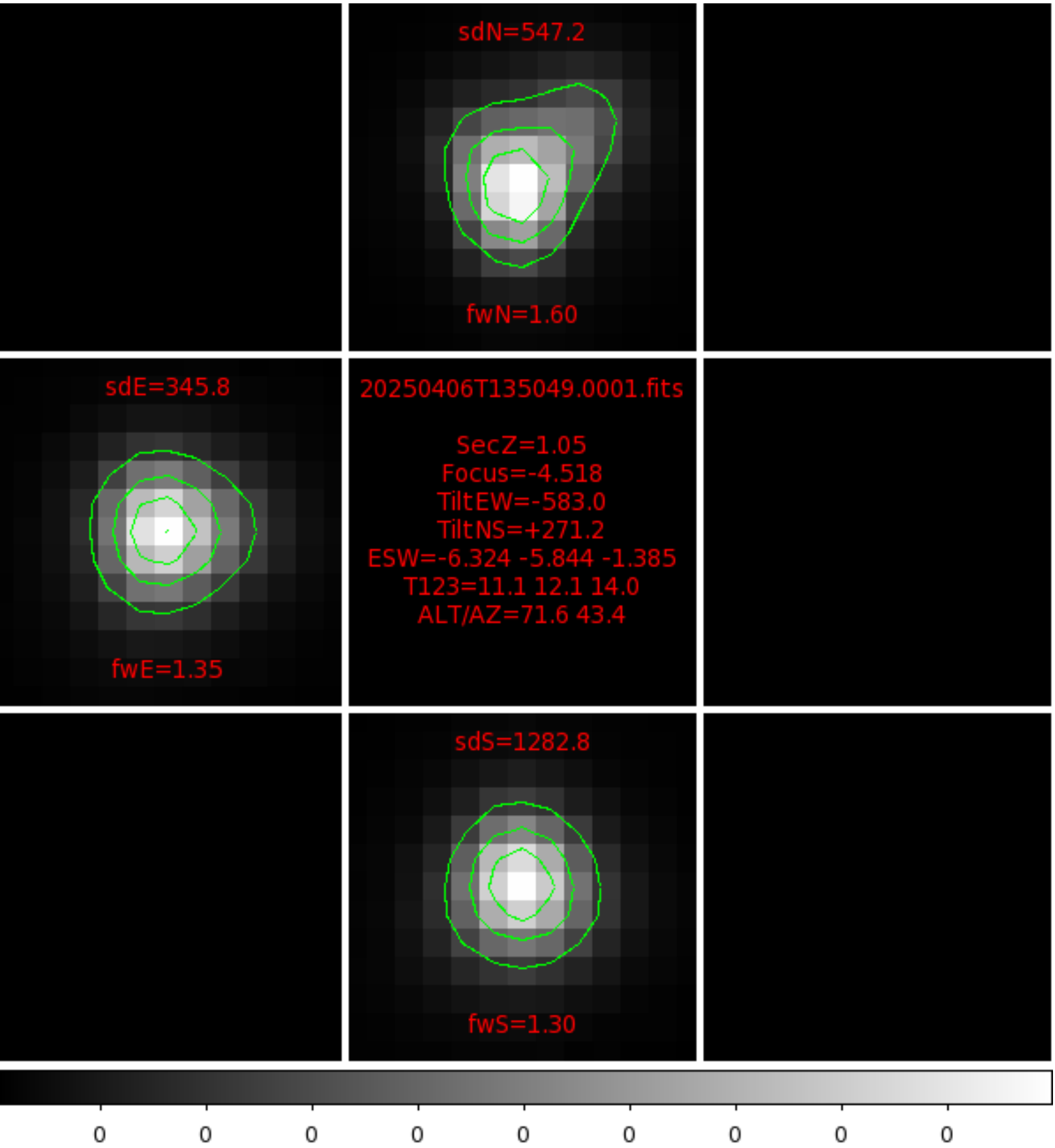
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sdE=345.8
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SecZ=1.05
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.1 14.0
ALT/AZ=71.6 43.4
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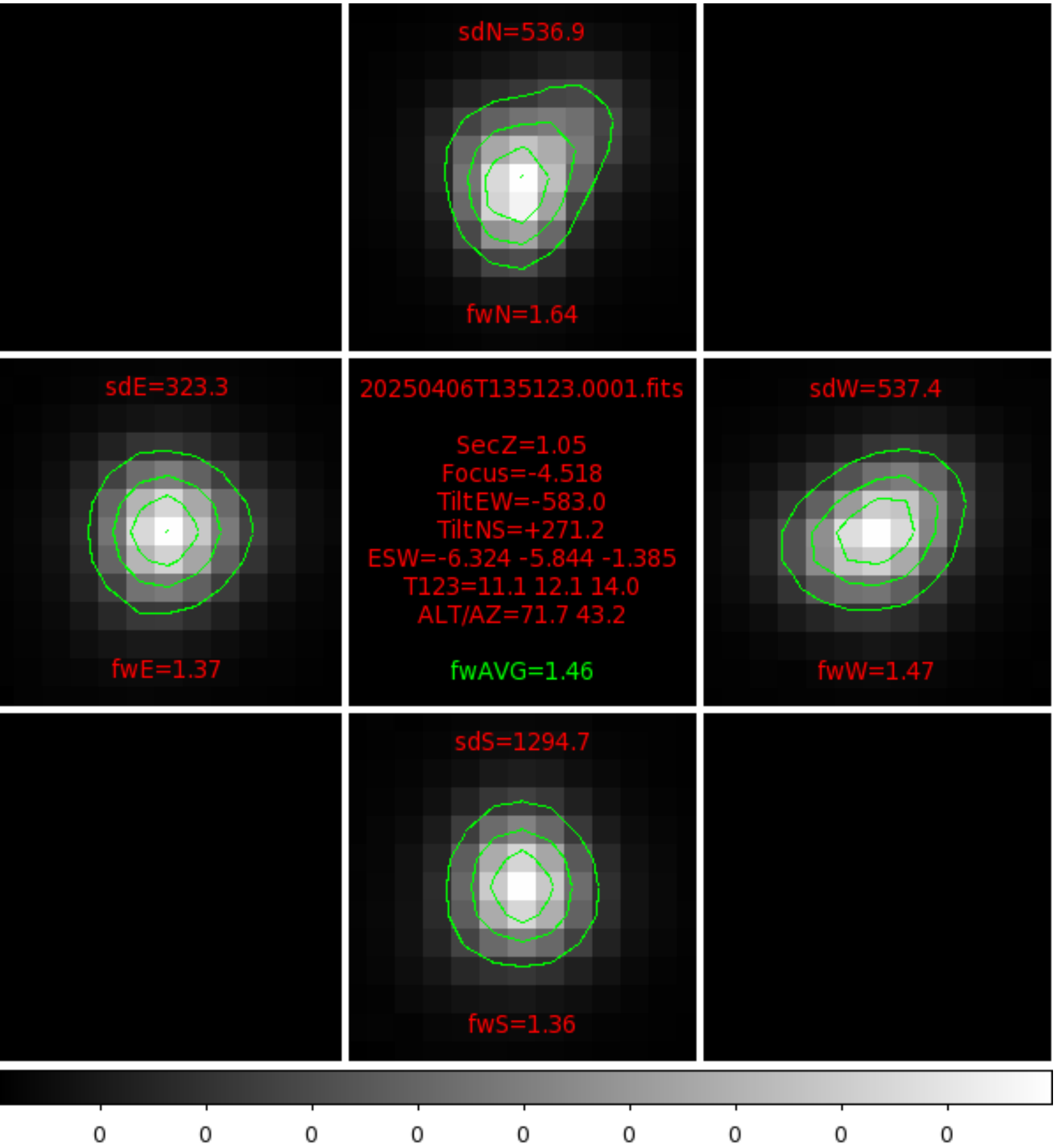
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sdE=323.3
fwE=1.37
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SecZ=1.05
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.1 12.1 14.0
ALT/AZ=71.7 43.2
fwAVG=1.46
sdW=537.4
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sdS=1294.7
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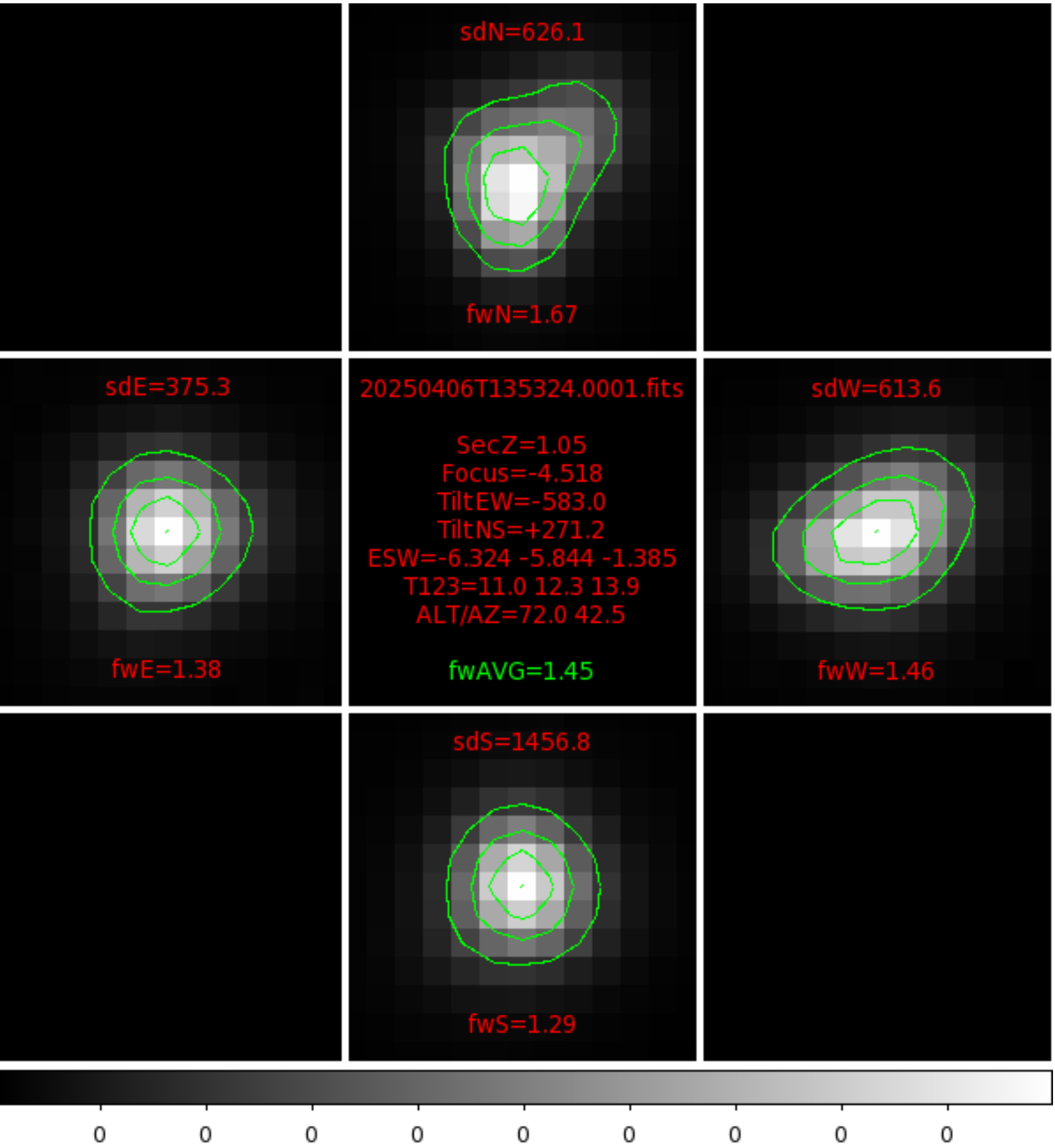
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sdE=375.3
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SecZ=1.05
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 12.3 13.9
ALT/AZ=72.0 42.5
fwAVG=1.45
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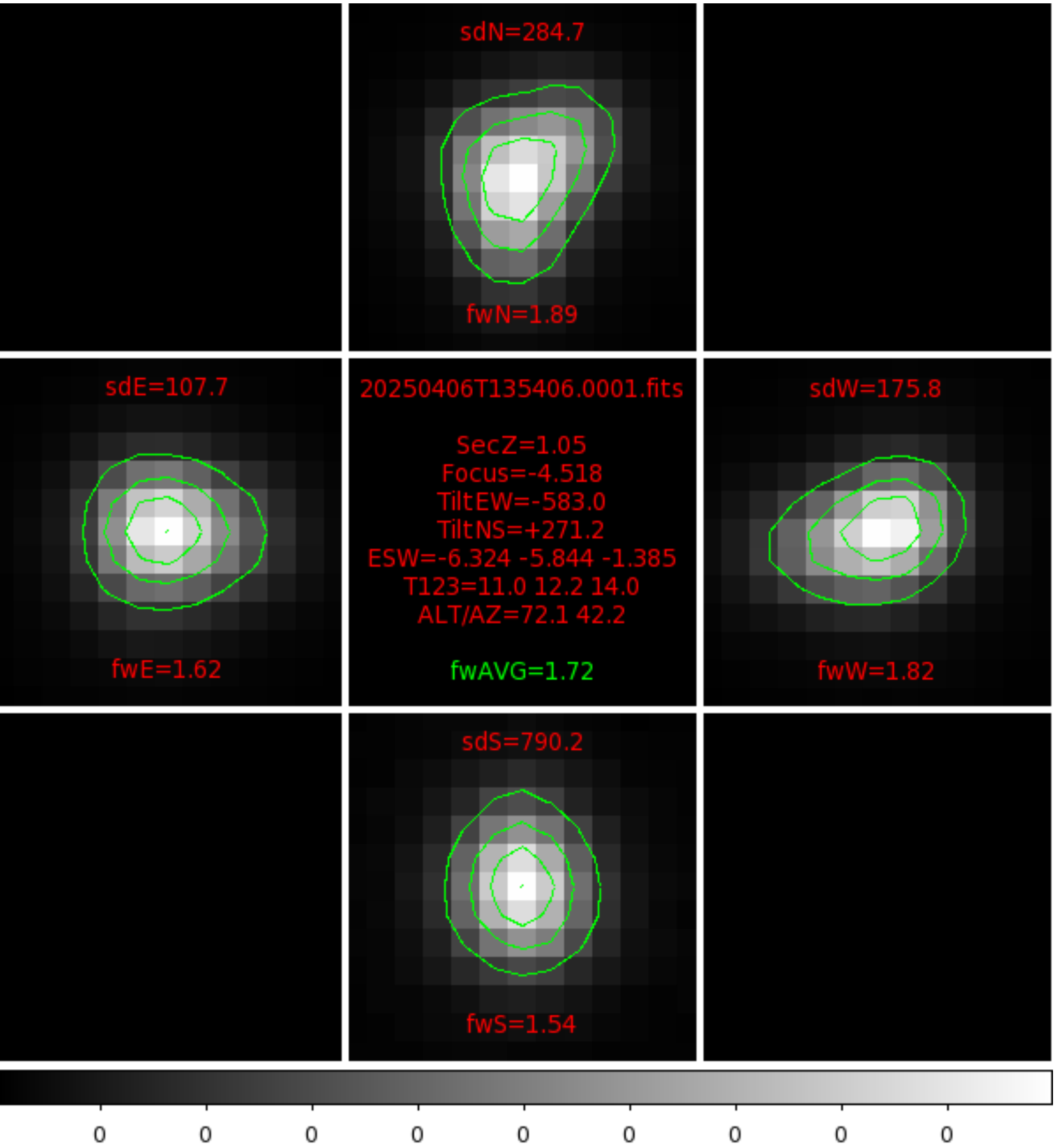
sdN=284.7
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SecZ=1.05
Focus=-4.518
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TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 12.2 14.0
ALT/AZ=72.1 42.2
fwAVG=1.72
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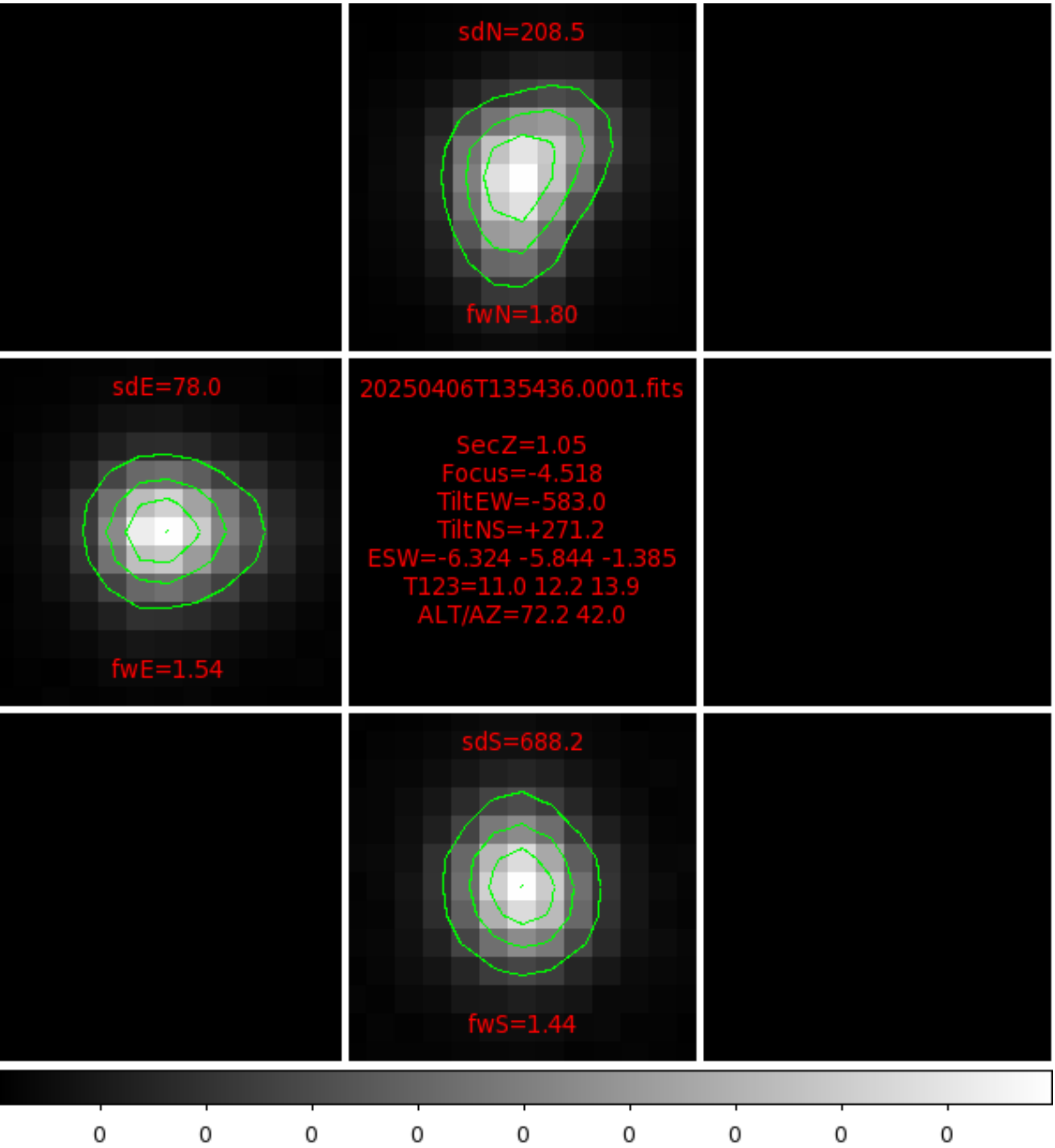
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TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 12.2 13.9
ALT/AZ=72.2 42.0
sdS=688.2
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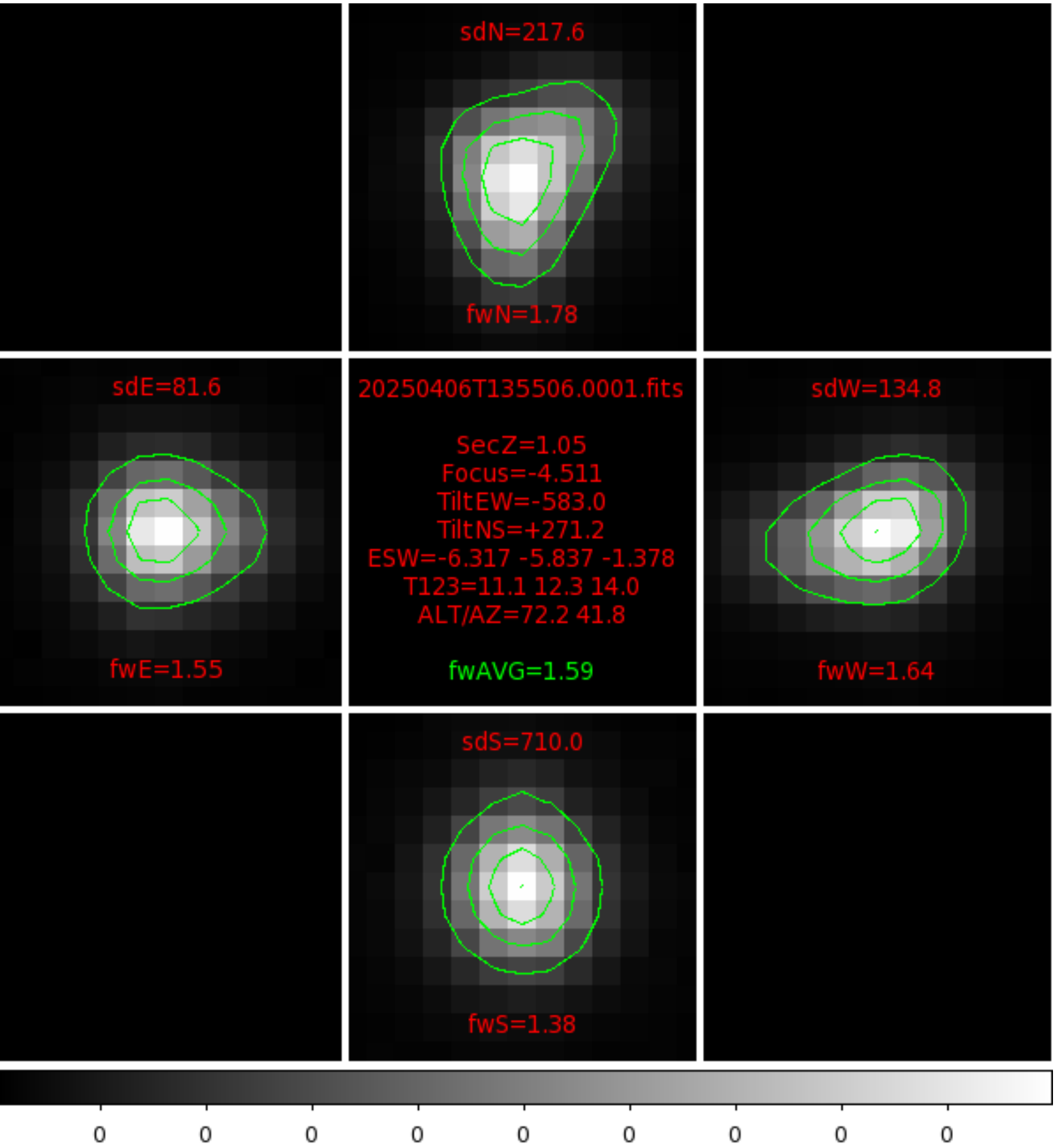
sdN=217.6
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sdE=81.6
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SecZ=1.05
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.1 12.3 14.0
ALT/AZ=72.2 41.8
fwAVG=1.59
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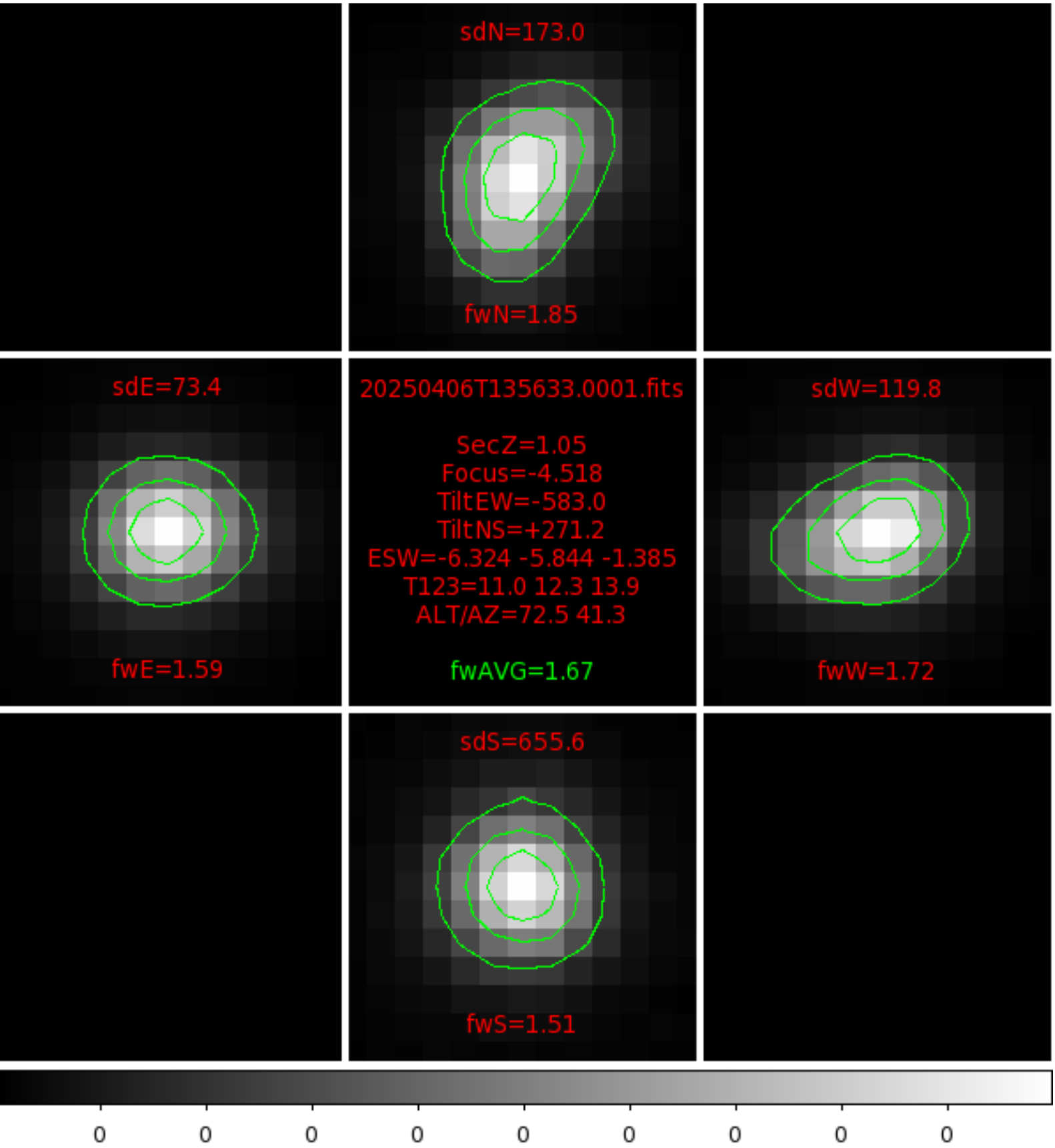
sdN=173.0
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sdE=73.4
fwE=1.59
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SecZ=1.05
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 12.3 13.9
ALT/AZ=72.5 41.3
fwAVG=1.67
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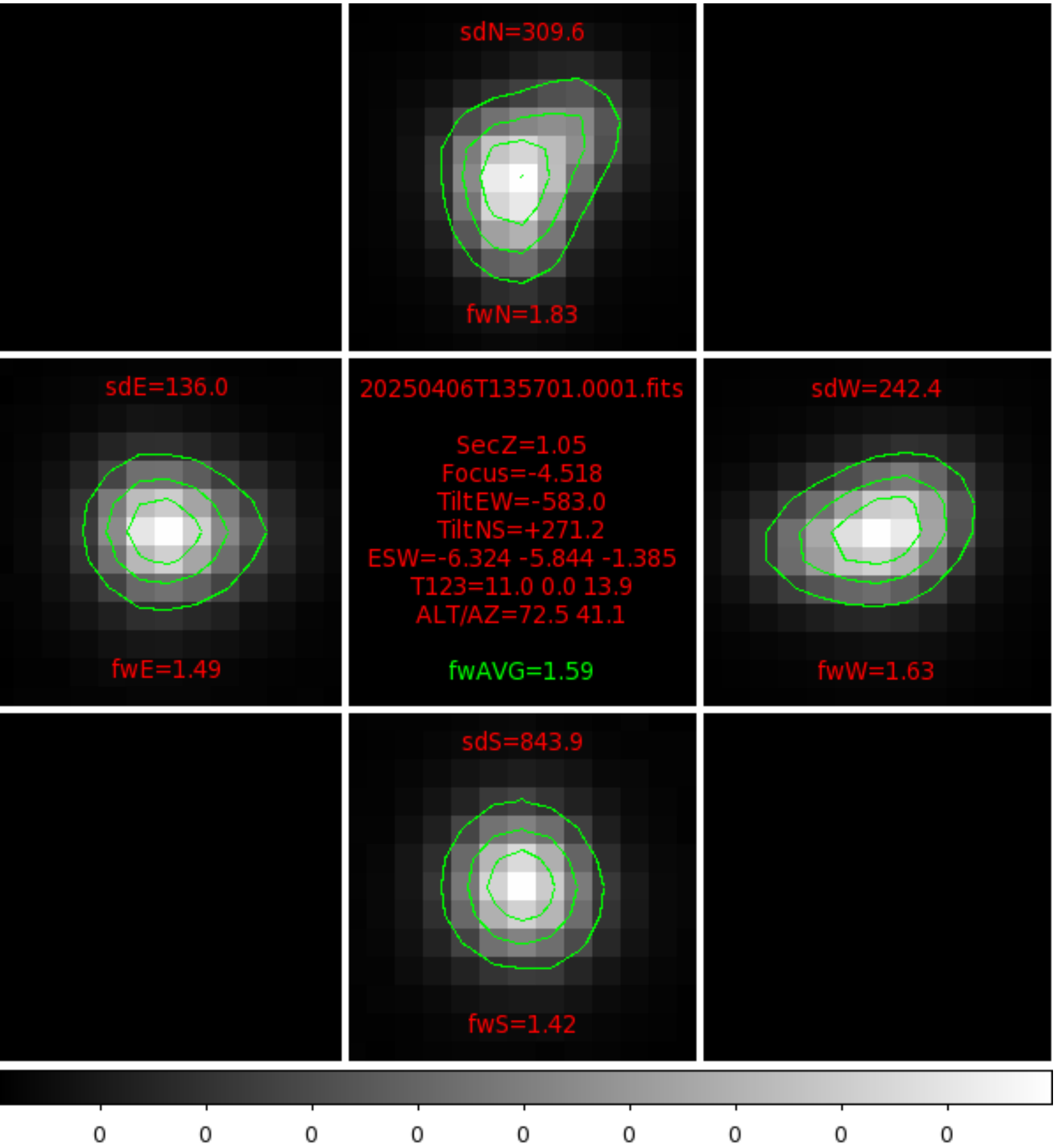
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sdE=136.0
fwE=1.49
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SecZ=1.05
Focus=-4.518
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.324 -5.844 -1.385
T123=11.0 0.0 13.9
ALT/AZ=72.5 41.1
fwAVG=1.59
sdW=242.4
fwW=1.63
sdS=843.9
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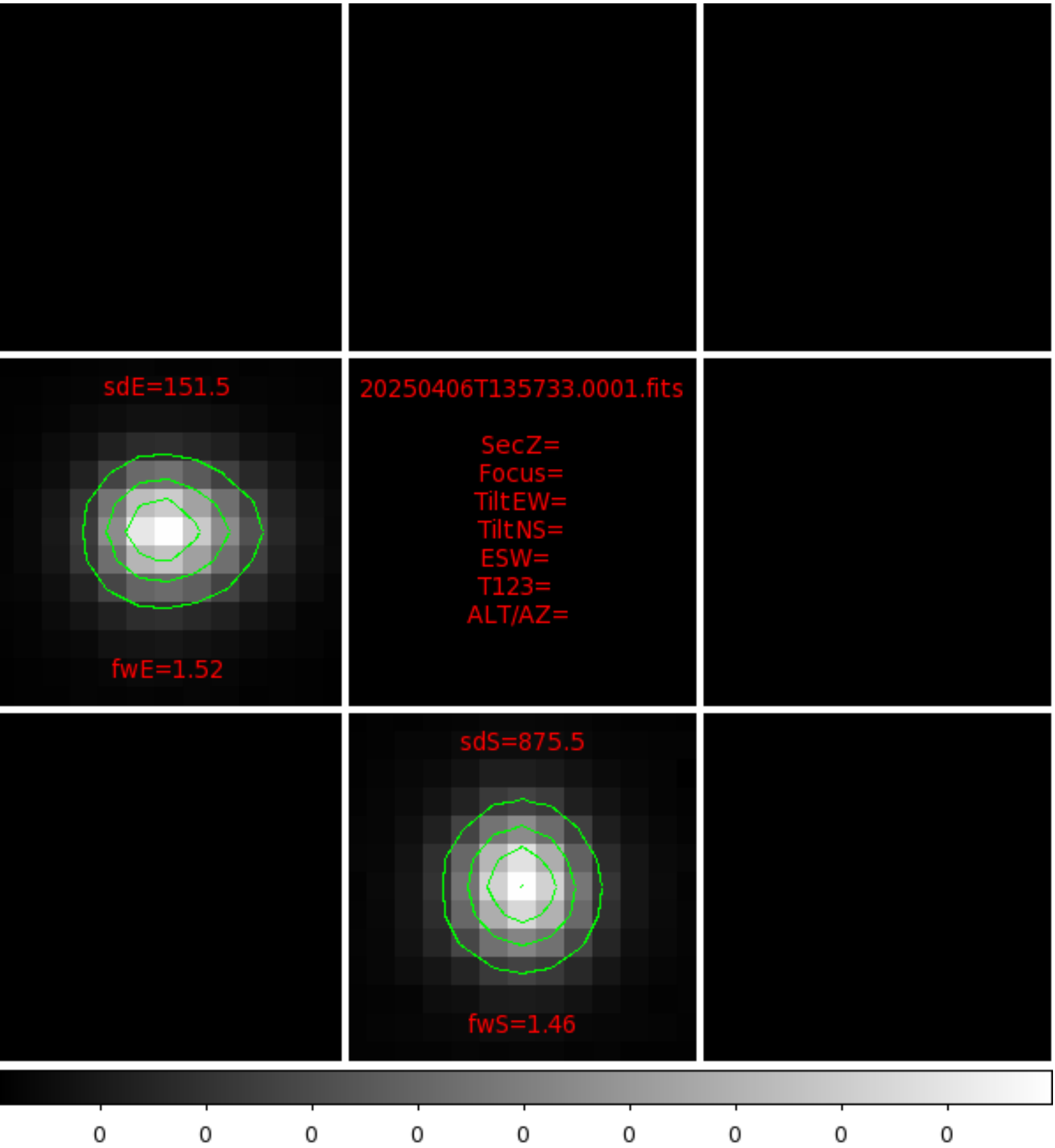
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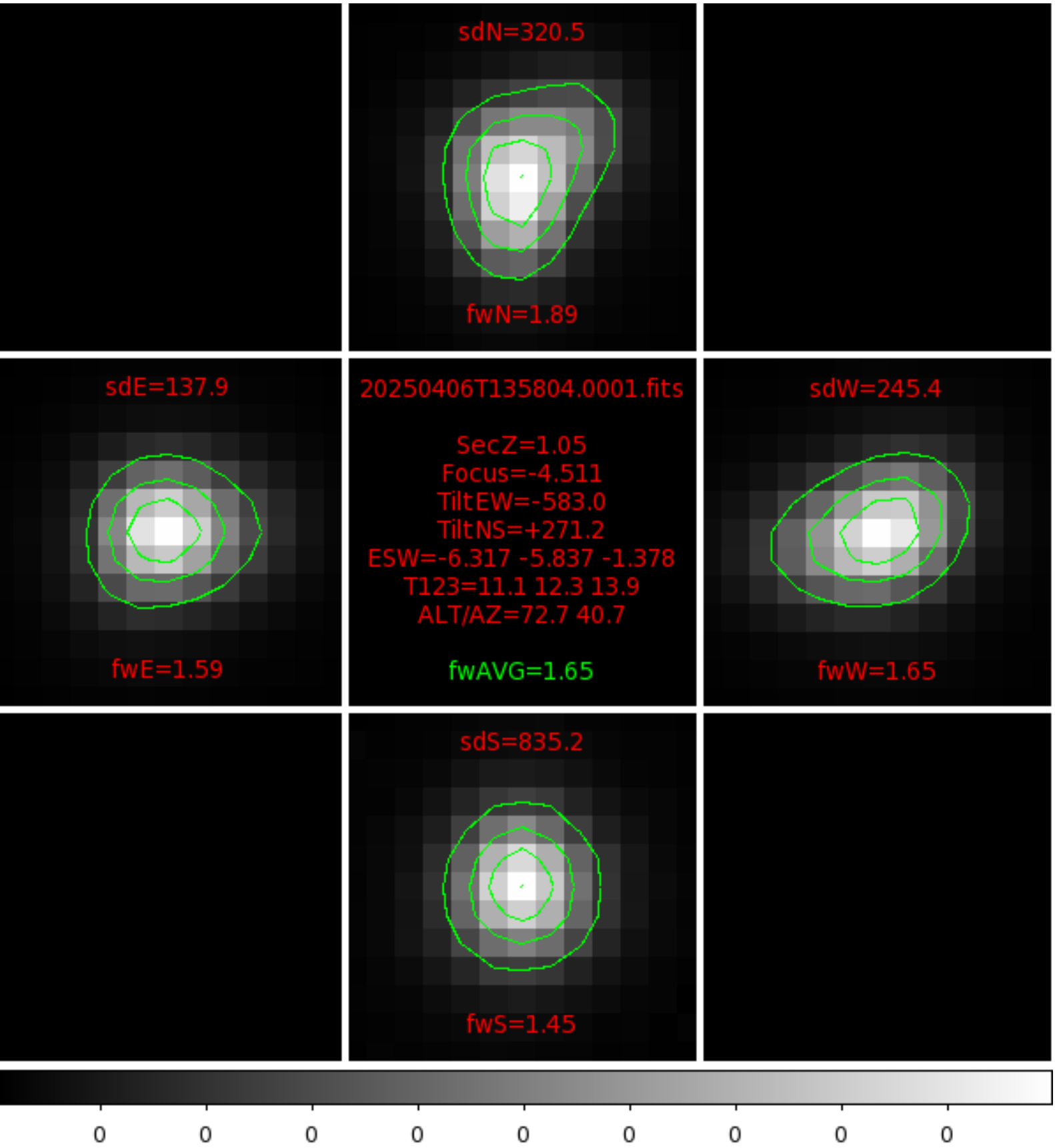
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SecZ=1.05
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TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.1 12.3 13.9
ALT/AZ=72.7 40.7
fwAVG=1.65
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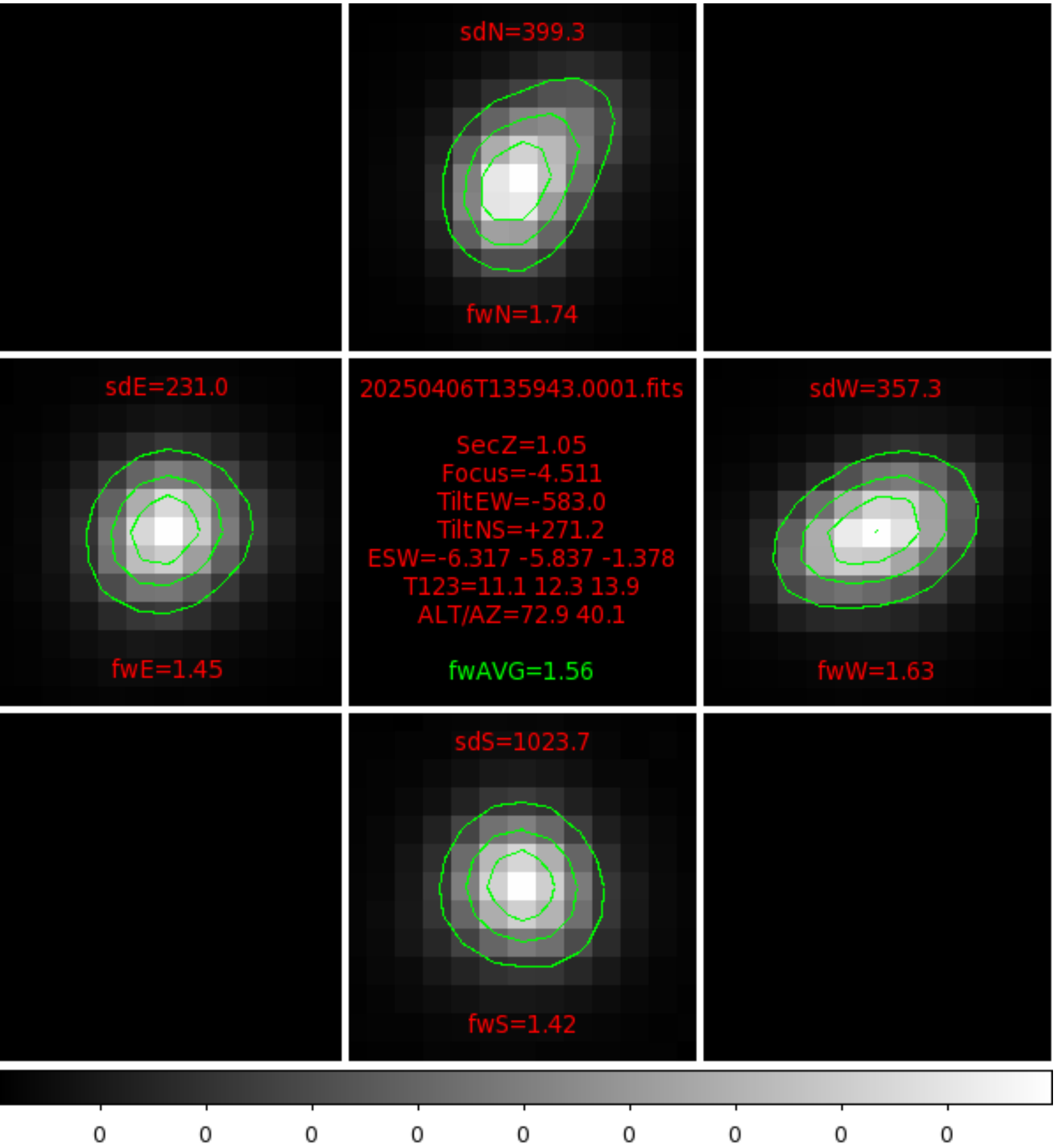
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fwE=1.45
20250406T135943.0001.fits
SecZ=1.05
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.1 12.3 13.9
ALT/AZ=72.9 40.1
fwAVG=1.56
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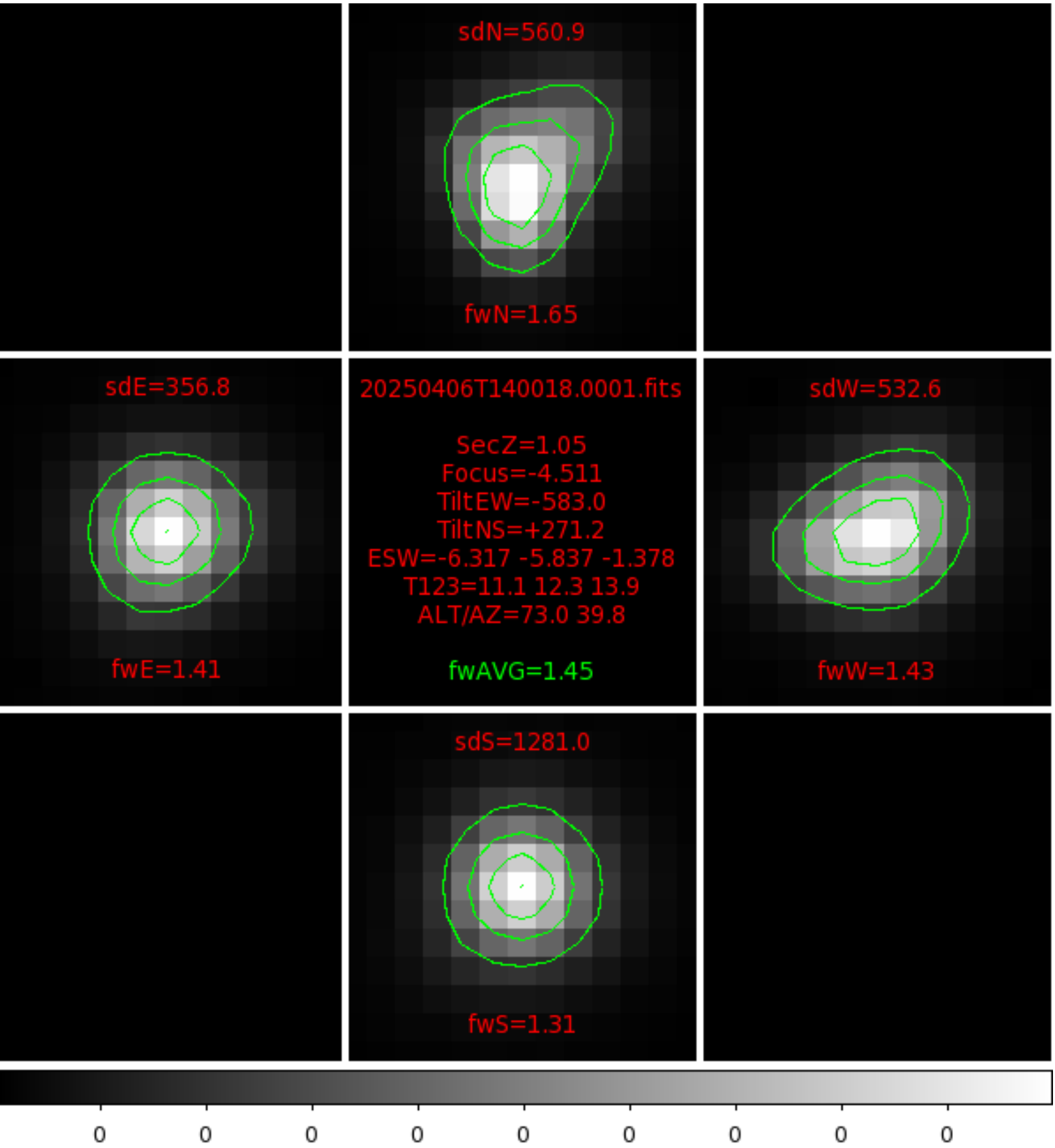
sdN=560.9
fwN=1.65
sdE=356.8
fwE=1.41
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SecZ=1.05
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.1 12.3 13.9
ALT/AZ=73.0 39.8
fwAVG=1.45
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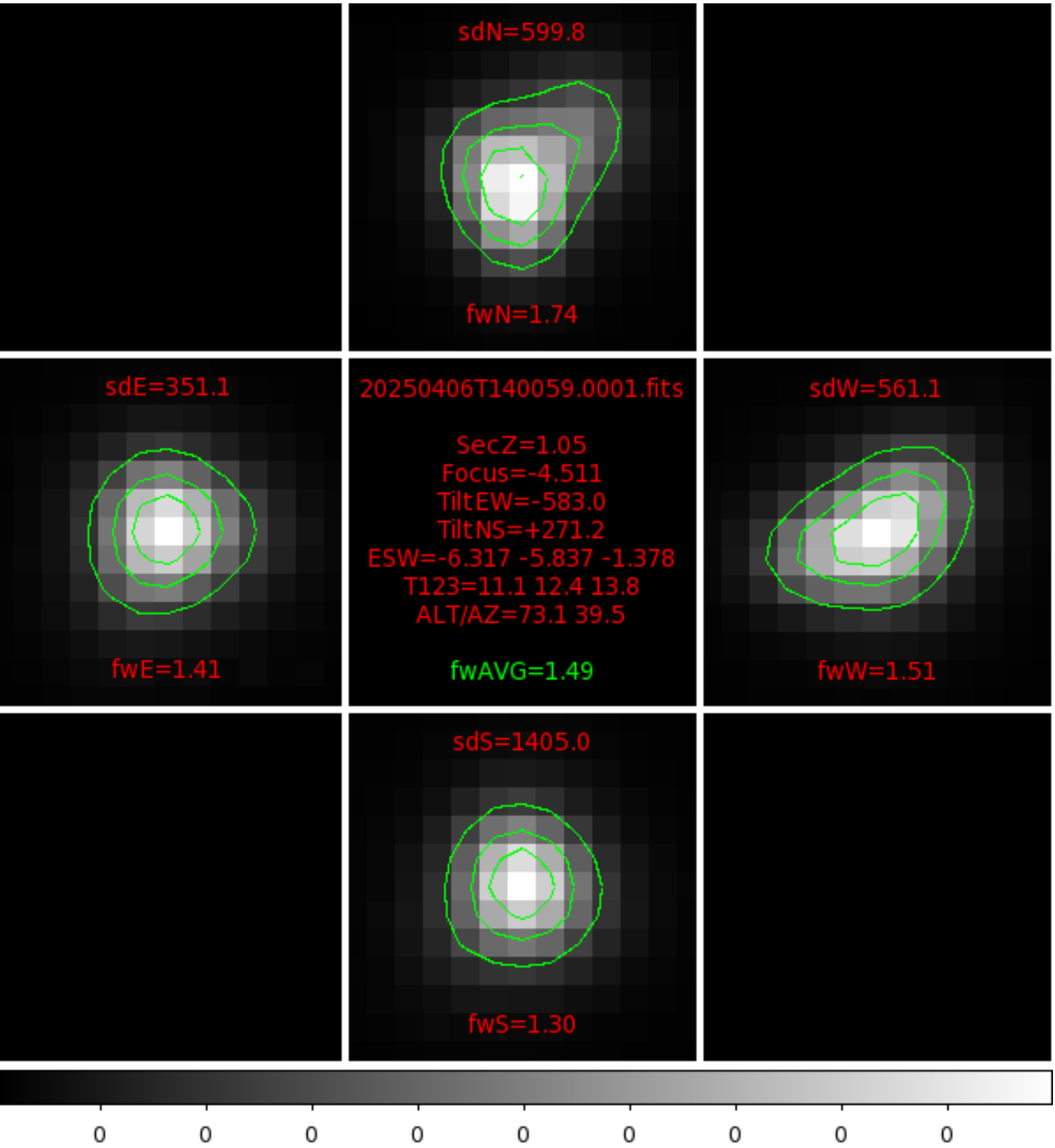
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fwE=1.41
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SecZ=1.05
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.1 12.4 13.8
ALT/AZ=73.1 39.5
fwAVG=1.49
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sdS=1405.0
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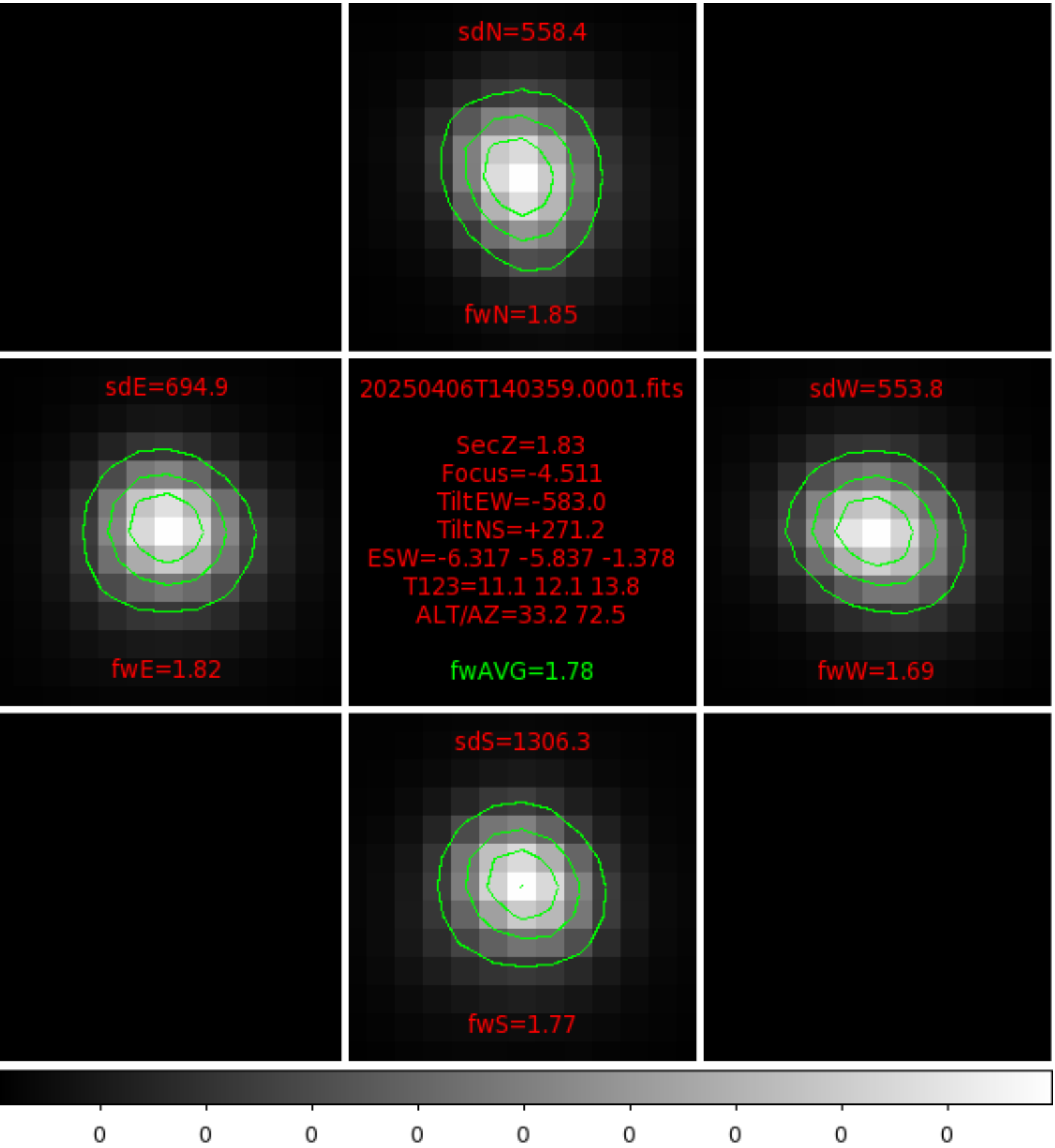
sdN=558.4
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SecZ=1.83
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.1 12.1 13.8
ALT/AZ=33.2 72.5
fwAVG=1.78
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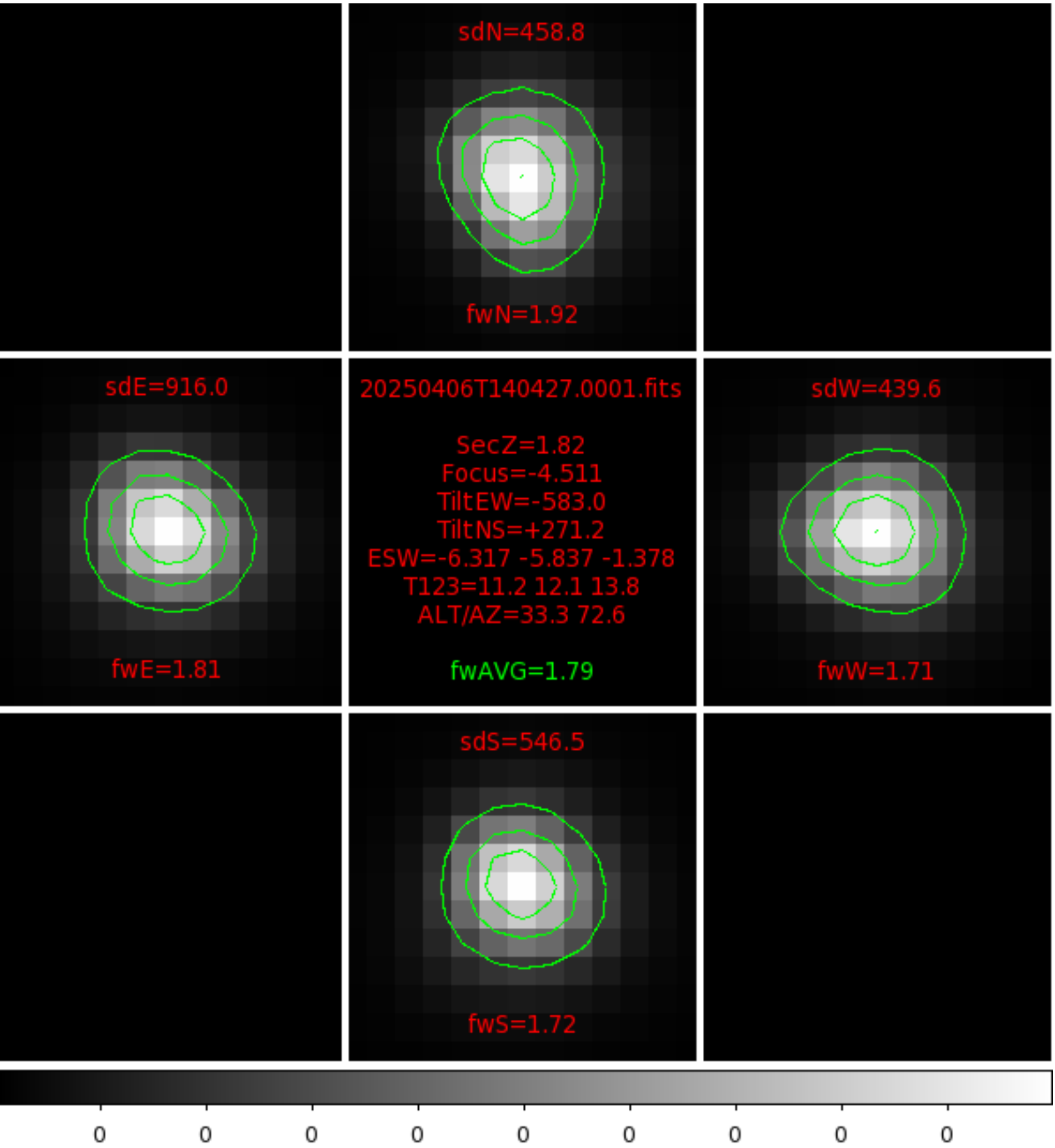
sdN=458.8
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20250406T140427.0001.fits
SecZ=1.82
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.2 12.1 13.8
ALT/AZ=33.3 72.6
fwAVG=1.79
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fwW=1.71
sdS=546.5
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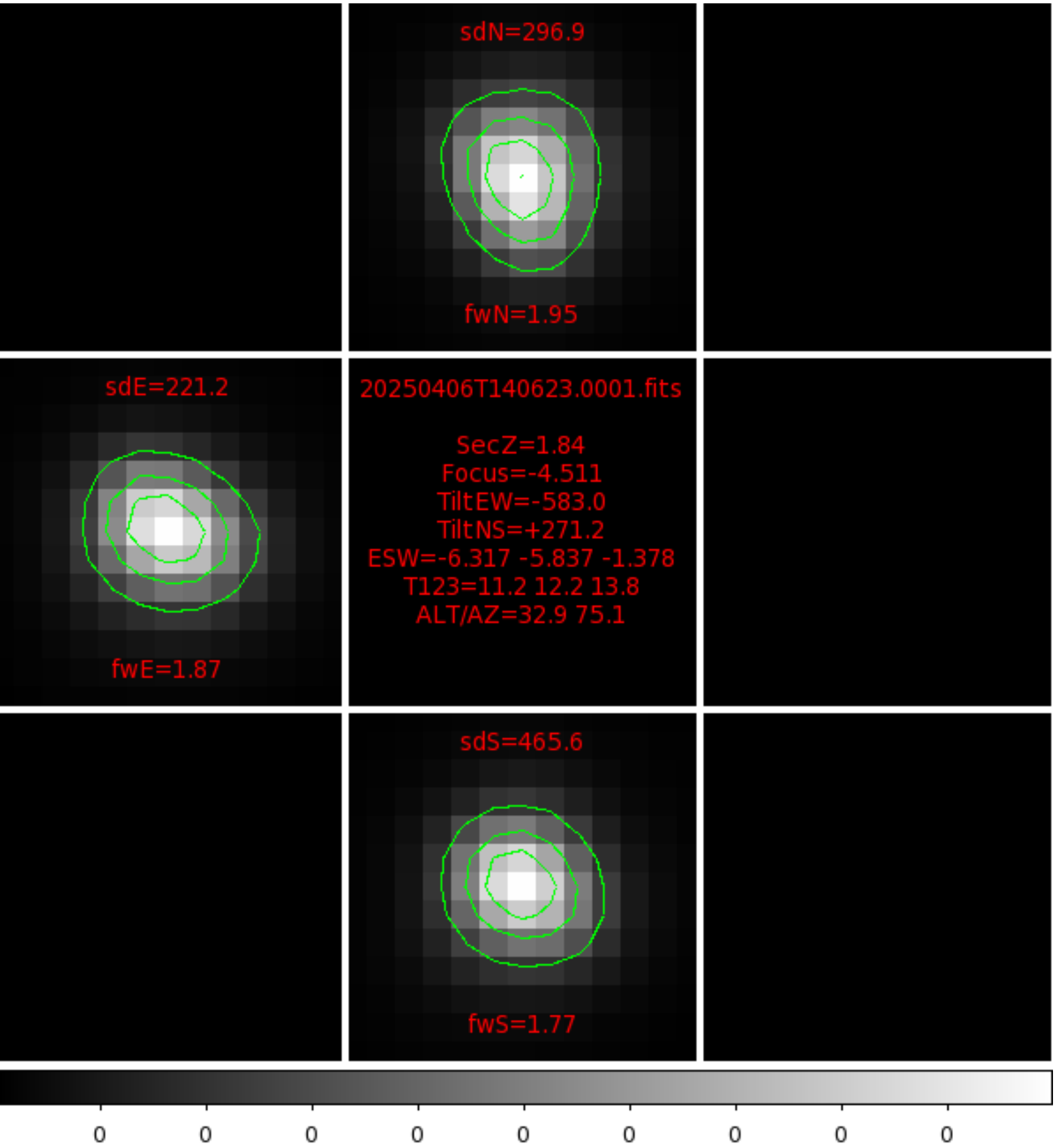
sdN=296.9
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sdE=221.2
fwE=1.87
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SecZ=1.84
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.2 12.2 13.8
ALT/AZ=32.9 75.1
sdS=465.6
fwS=1.77
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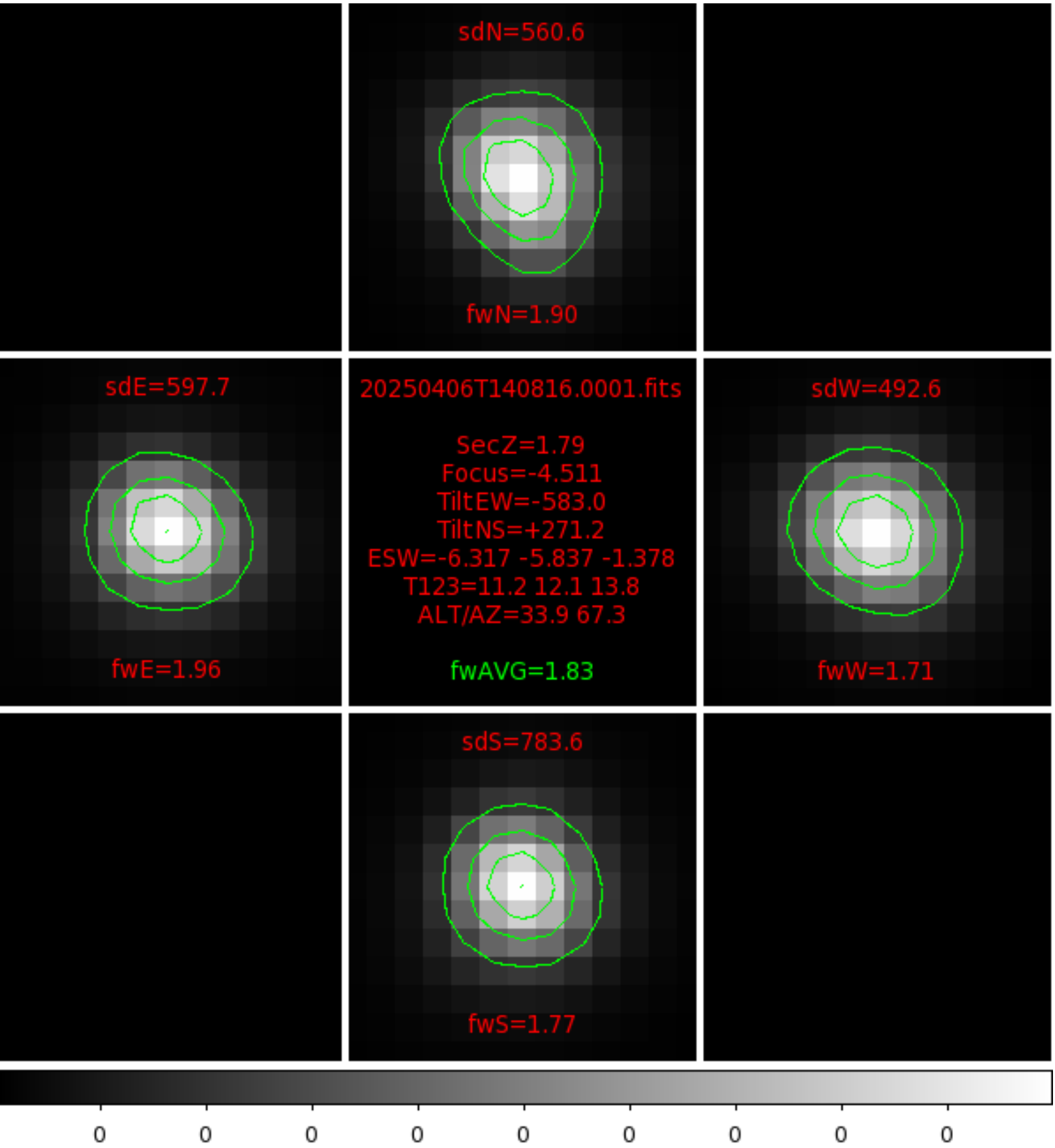
sdN=560.6
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sdE=597.7
fwE=1.96
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SecZ=1.79
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.2 12.1 13.8
ALT/AZ=33.9 67.3
fwAVG=1.83
sdW=492.6
fwW=1.71
sdS=783.6
fwS=1.77
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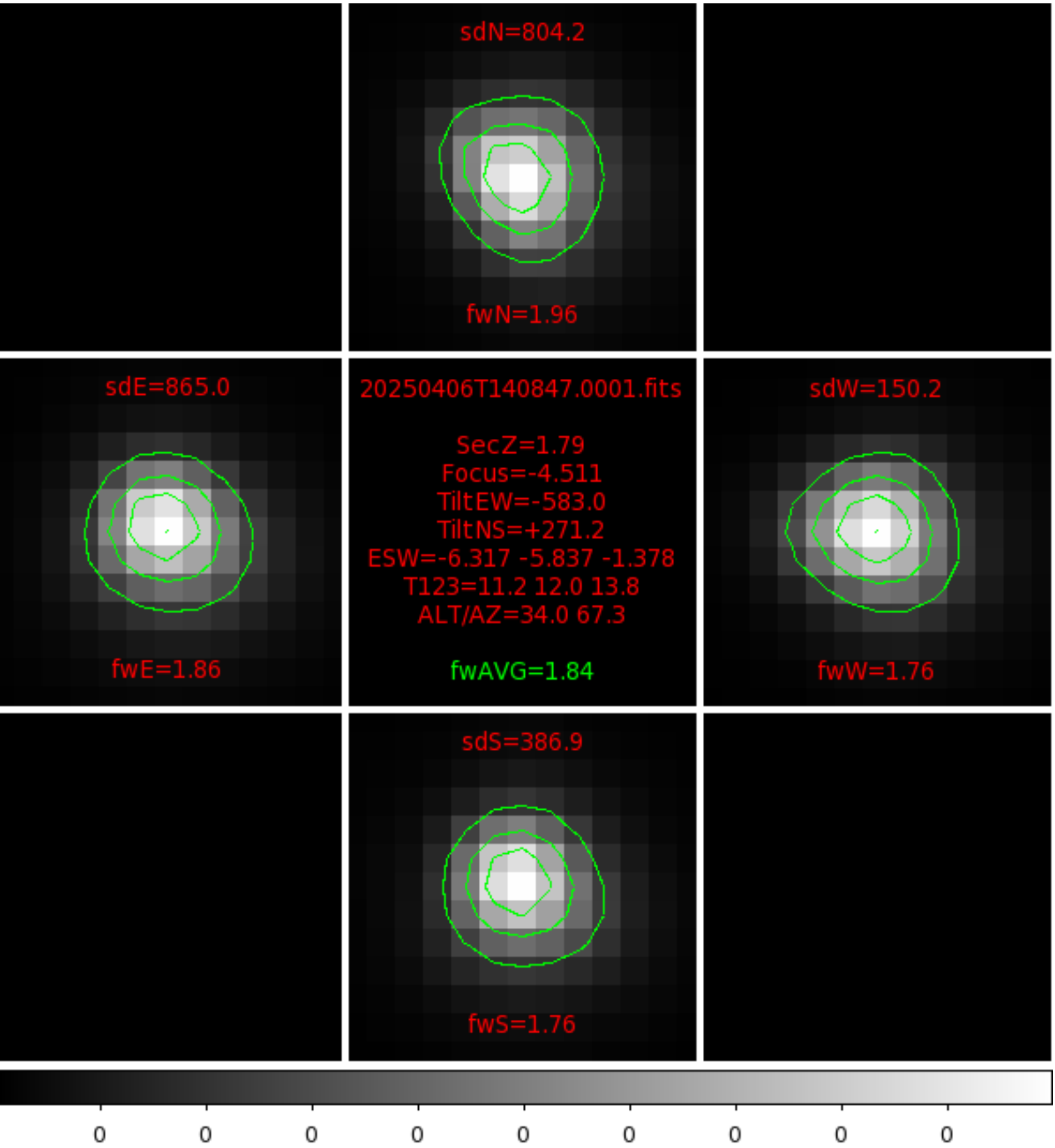
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SecZ=1.79
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.2 12.0 13.8
ALT/AZ=34.0 67.3
fwAVG=1.84
sdW=150.2
fwW=1.76
sdS=386.9
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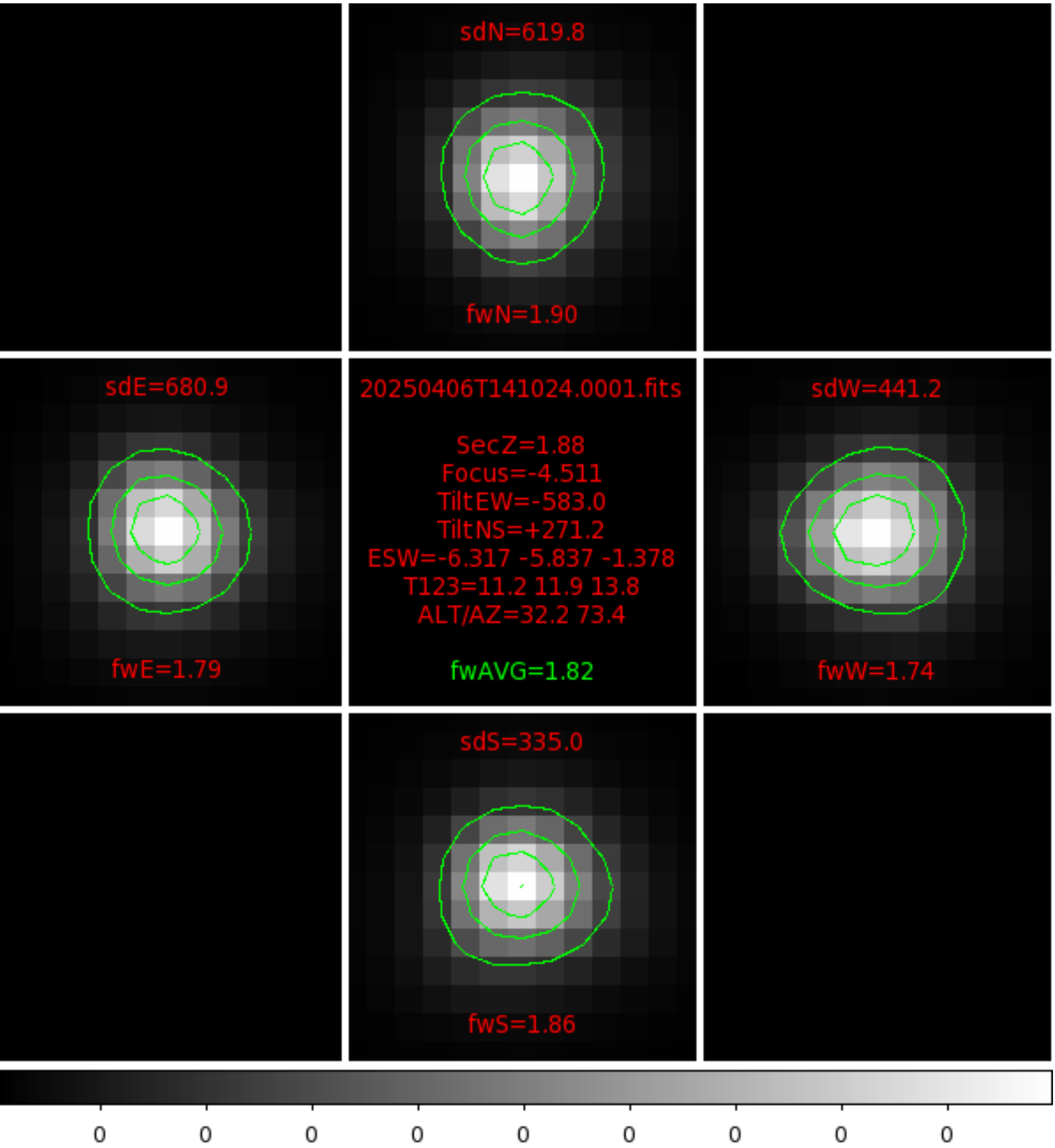
sdN=619.8
fwN=1.90
sdE=680.9
fwE=1.79
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SecZ=1.88
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.2 11.9 13.8
ALT/AZ=32.2 73.4
fwAVG=1.82
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sdS=335.0
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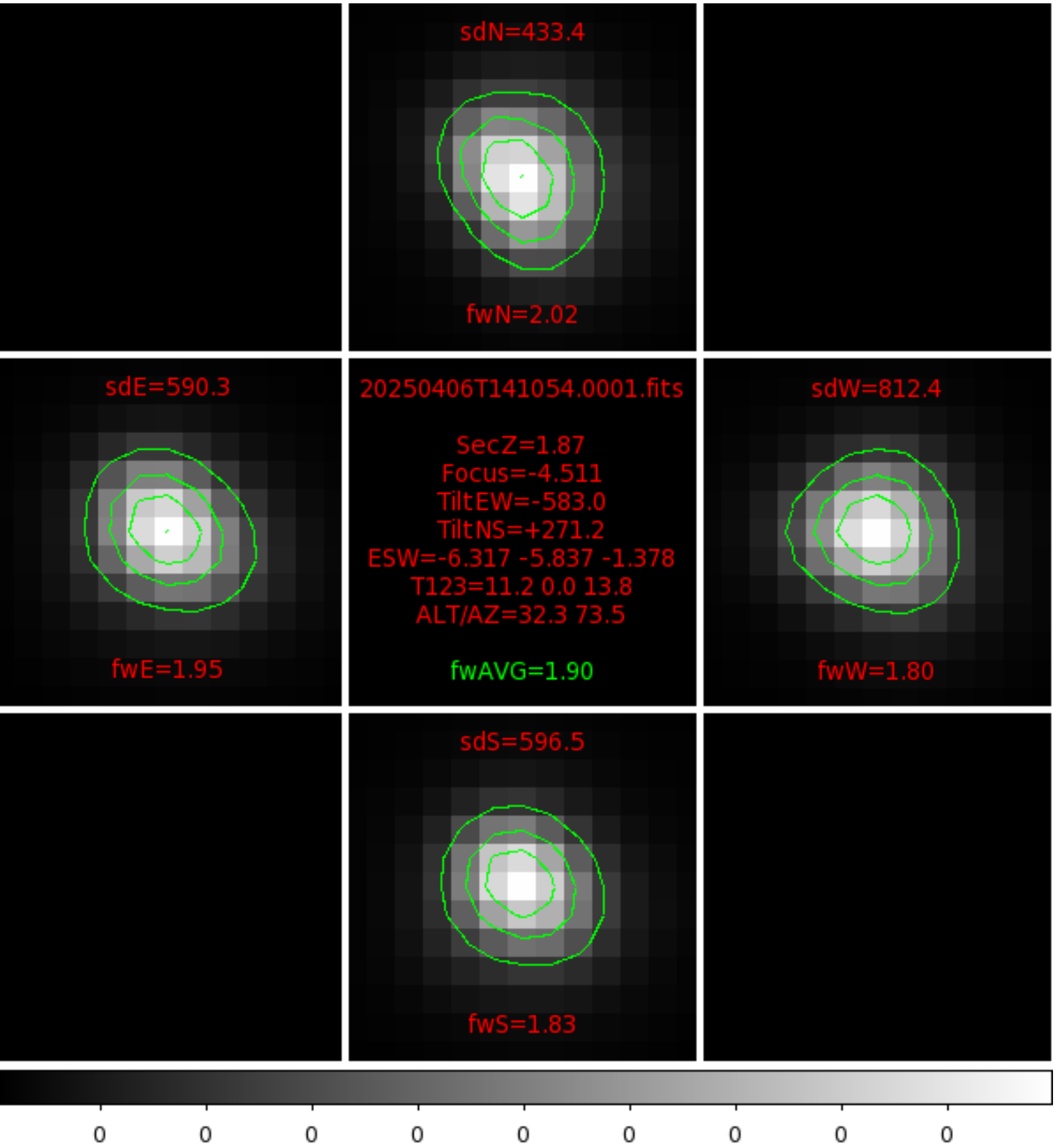
sdN=433.4
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SecZ=1.87
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.2 0.0 13.8
ALT/AZ=32.3 73.5
fwAVG=1.90
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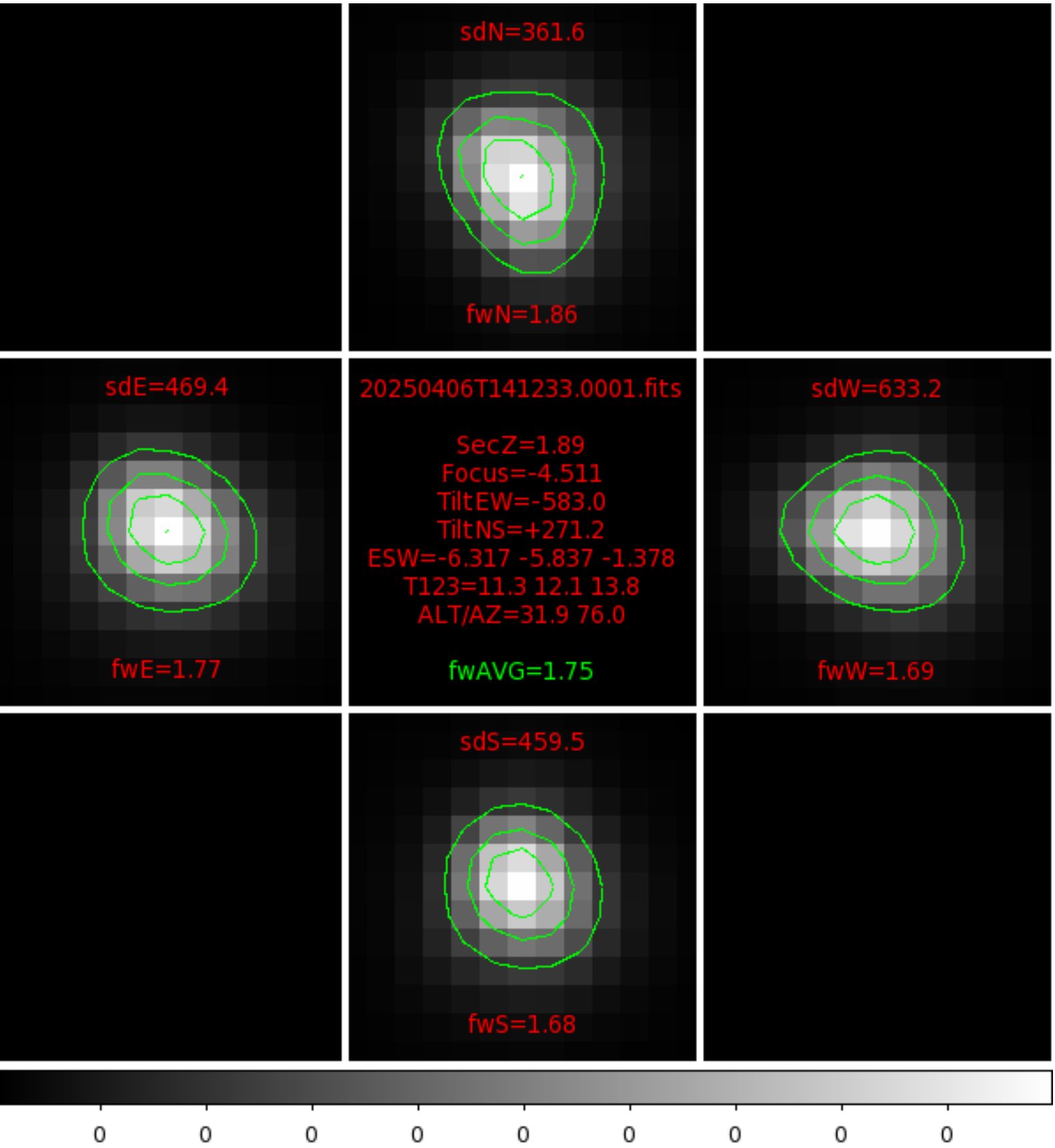
sdN=361.6
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SecZ=1.89
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 12.1 13.8
ALT/AZ=31.9 76.0
fwAVG=1.75
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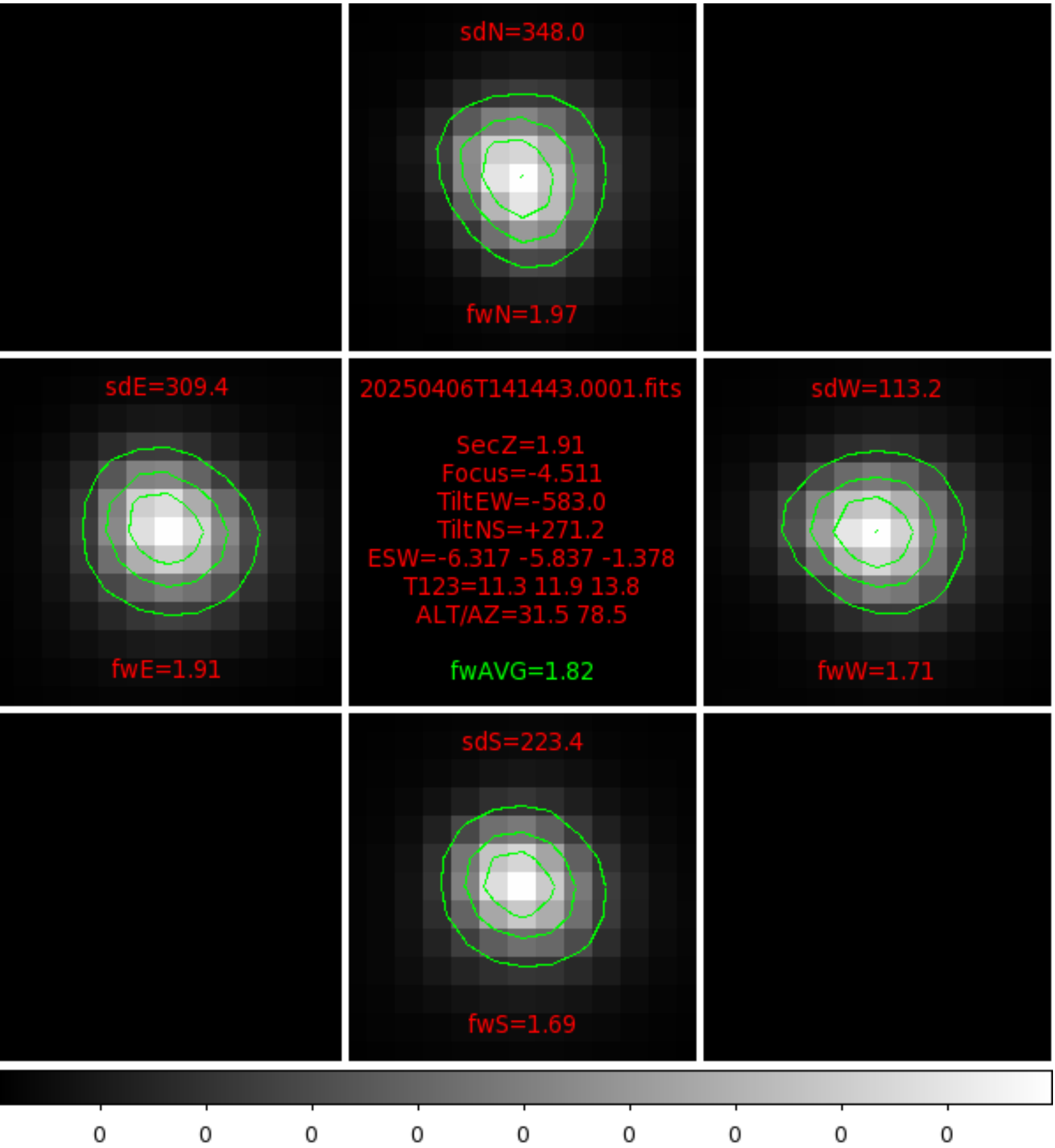
sdN=348.0
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sdE=309.4
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SecZ=1.91
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 11.9 13.8
ALT/AZ=31.5 78.5
fwAVG=1.82
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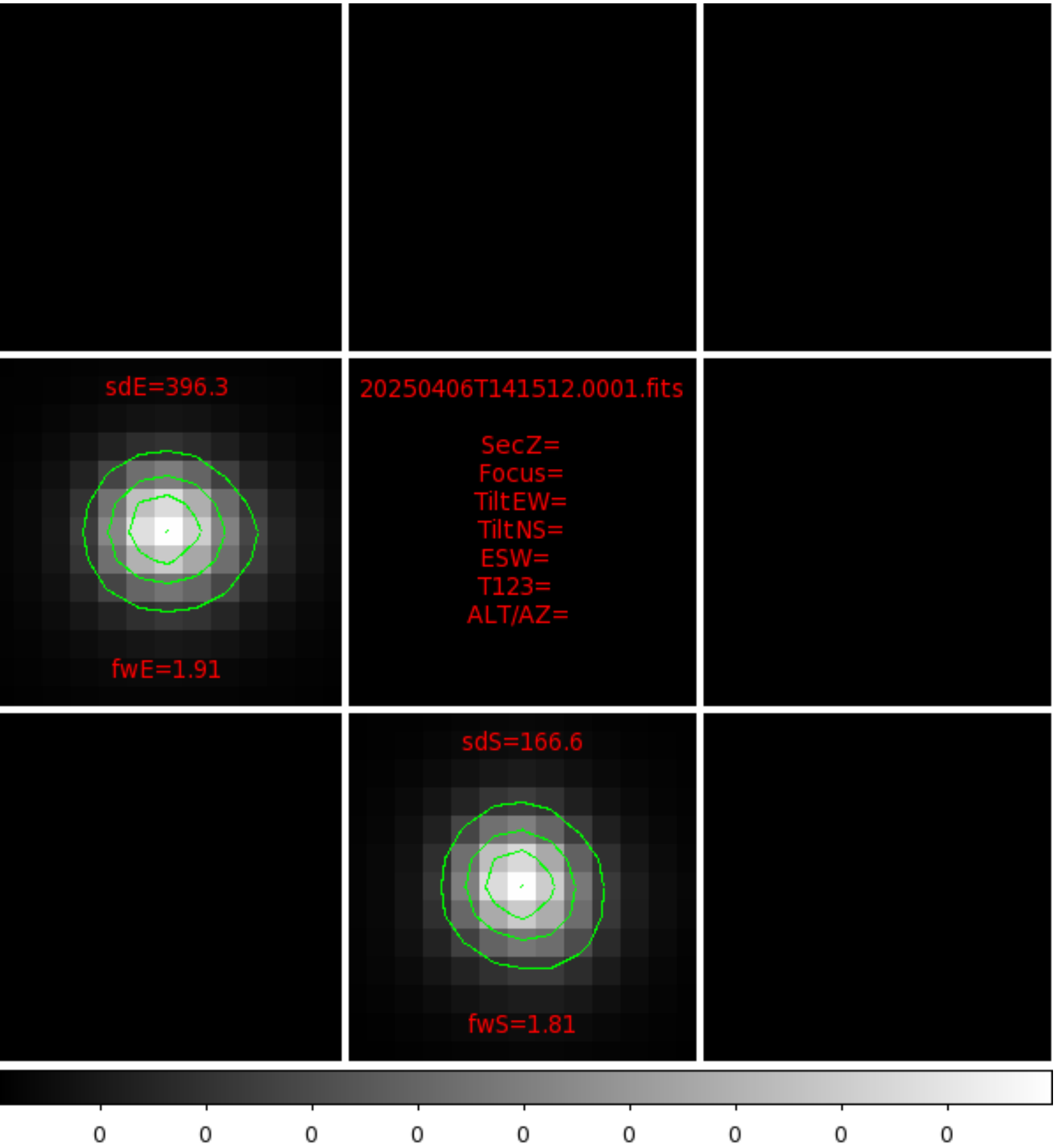
sdE=396.3
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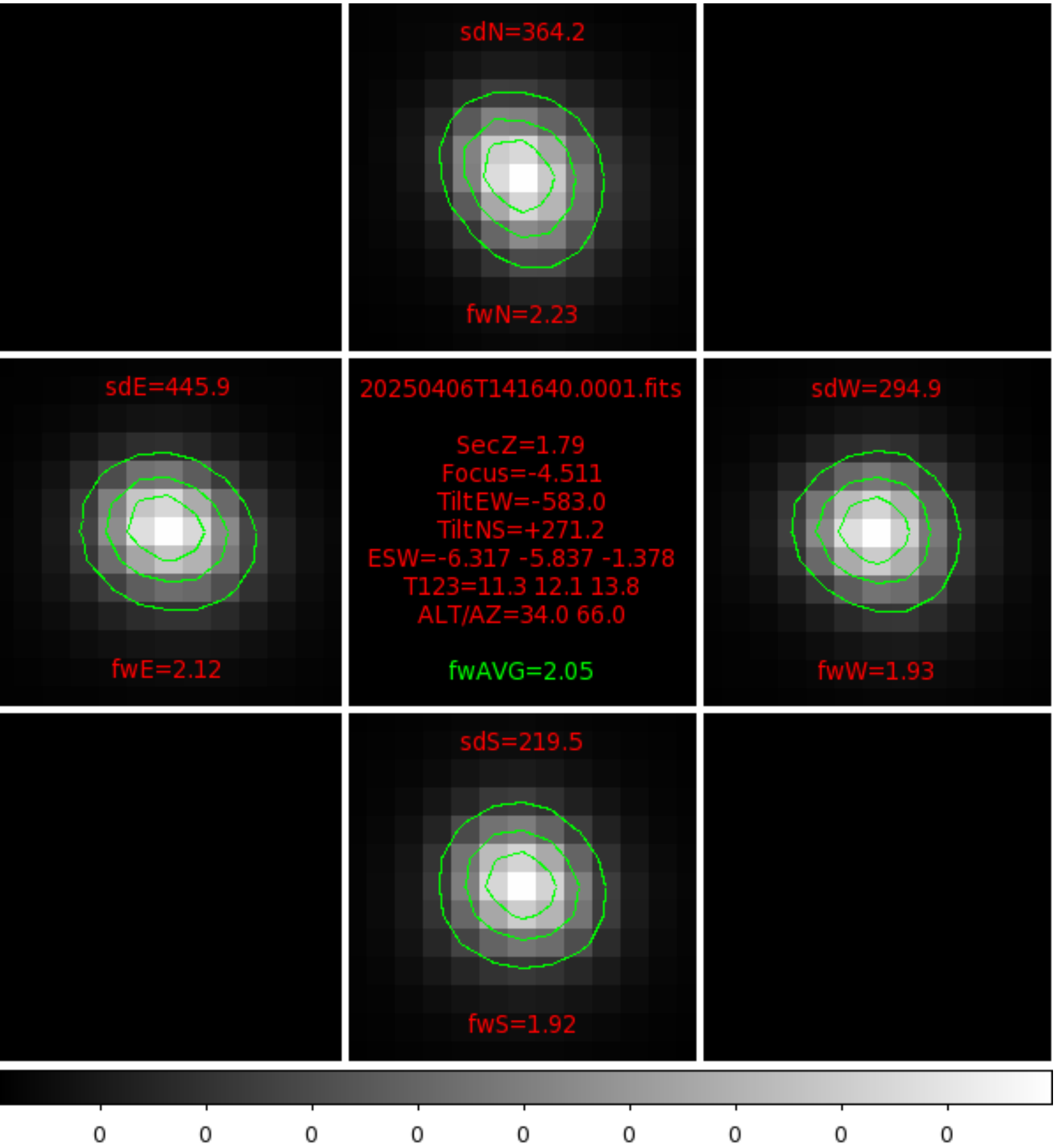
sdN=364.2
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SecZ=1.79
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 12.1 13.8
ALT/AZ=34.0 66.0
fwAVG=2.05
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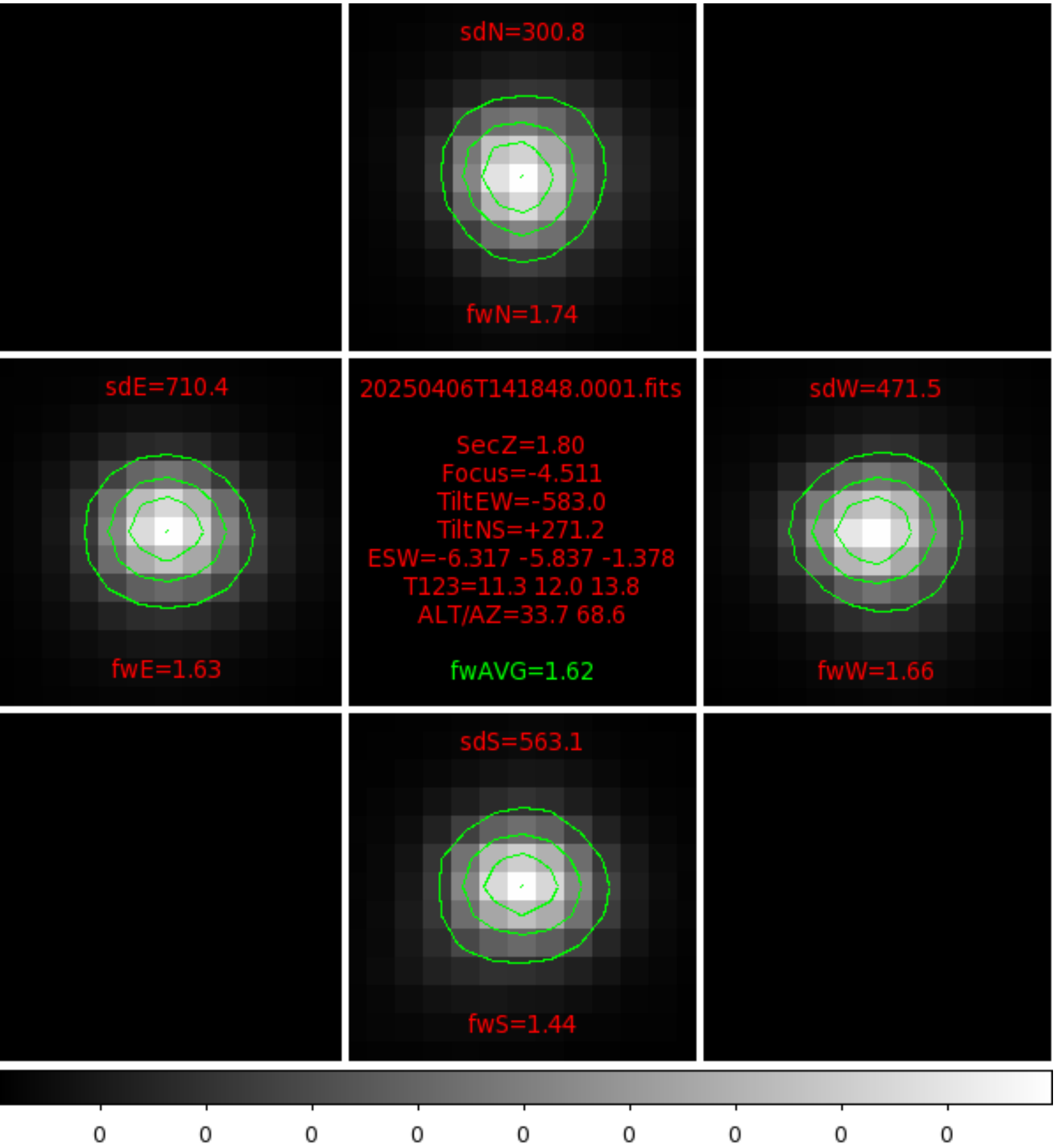
sdN=300.8
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sdE=710.4
fwE=1.63
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SecZ=1.80
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 12.0 13.8
ALT/AZ=33.7 68.6
fwAVG=1.62
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sdS=563.1
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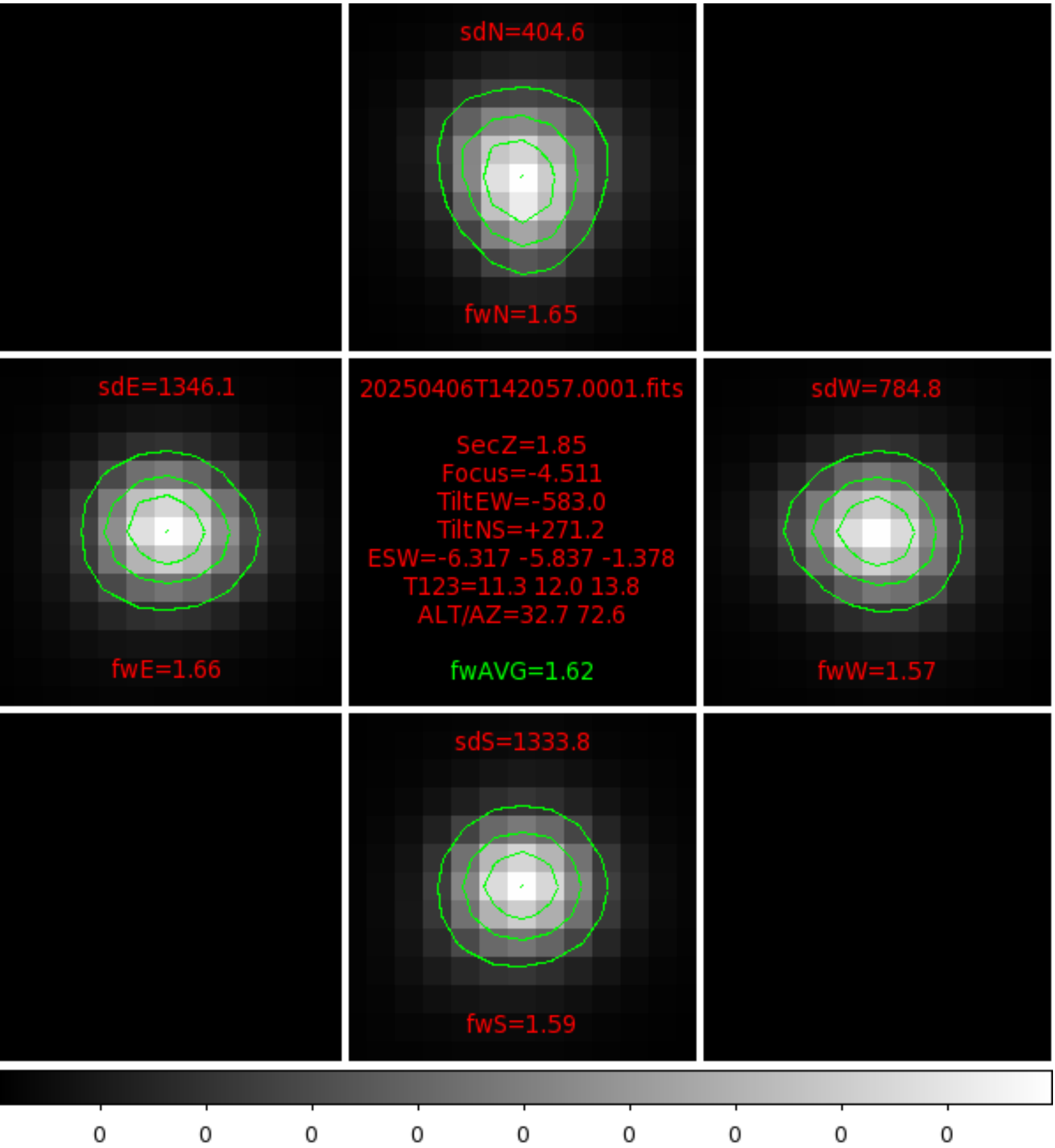
sdN=404.6
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sdE=1346.1
fwE=1.66
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SecZ=1.85
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 12.0 13.8
ALT/AZ=32.7 72.6
fwAVG=1.62
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sdS=1333.8
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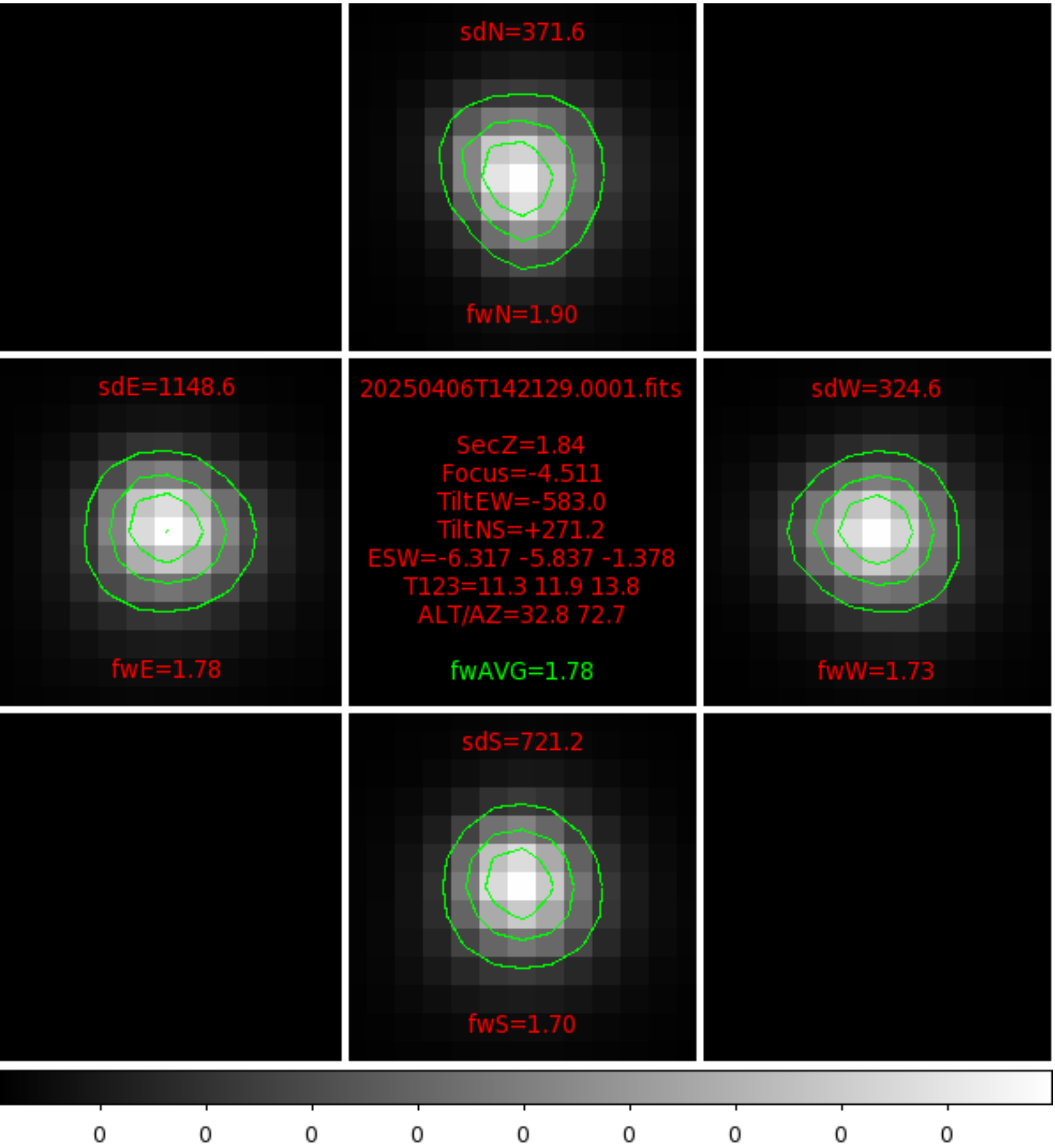
sdN=371.6
fwN=1.90
sdE=1148.6
fwE=1.78
20250406T142129.0001.fits
SecZ=1.84
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 11.9 13.8
ALT/AZ=32.8 72.7
fwAVG=1.78
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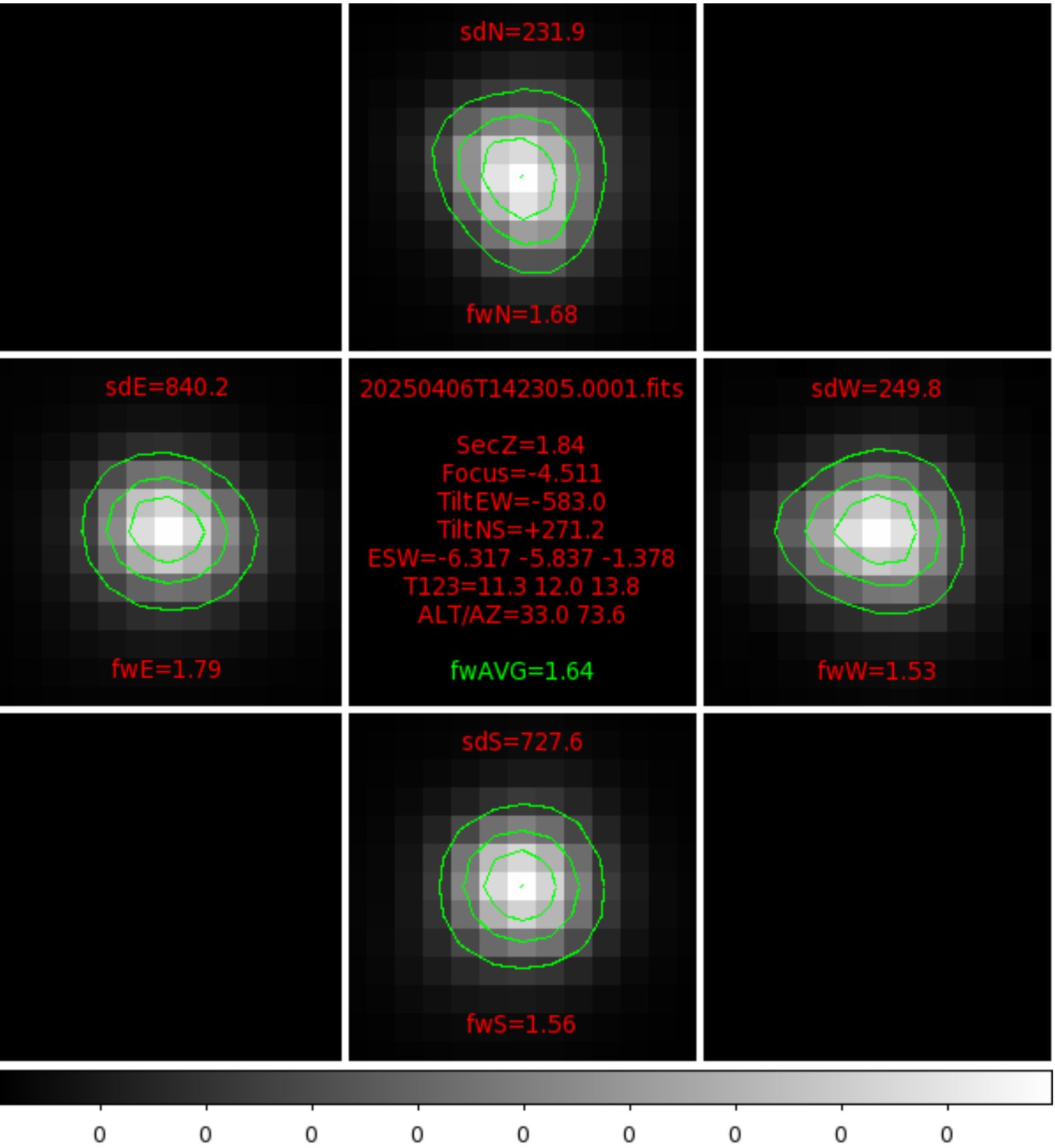
sdN=231.9
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sdE=840.2
fwE=1.79
20250406T142305.0001.fits
SecZ=1.84
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 12.0 13.8
ALT/AZ=33.0 73.6
fwAVG=1.64
sdW=249.8
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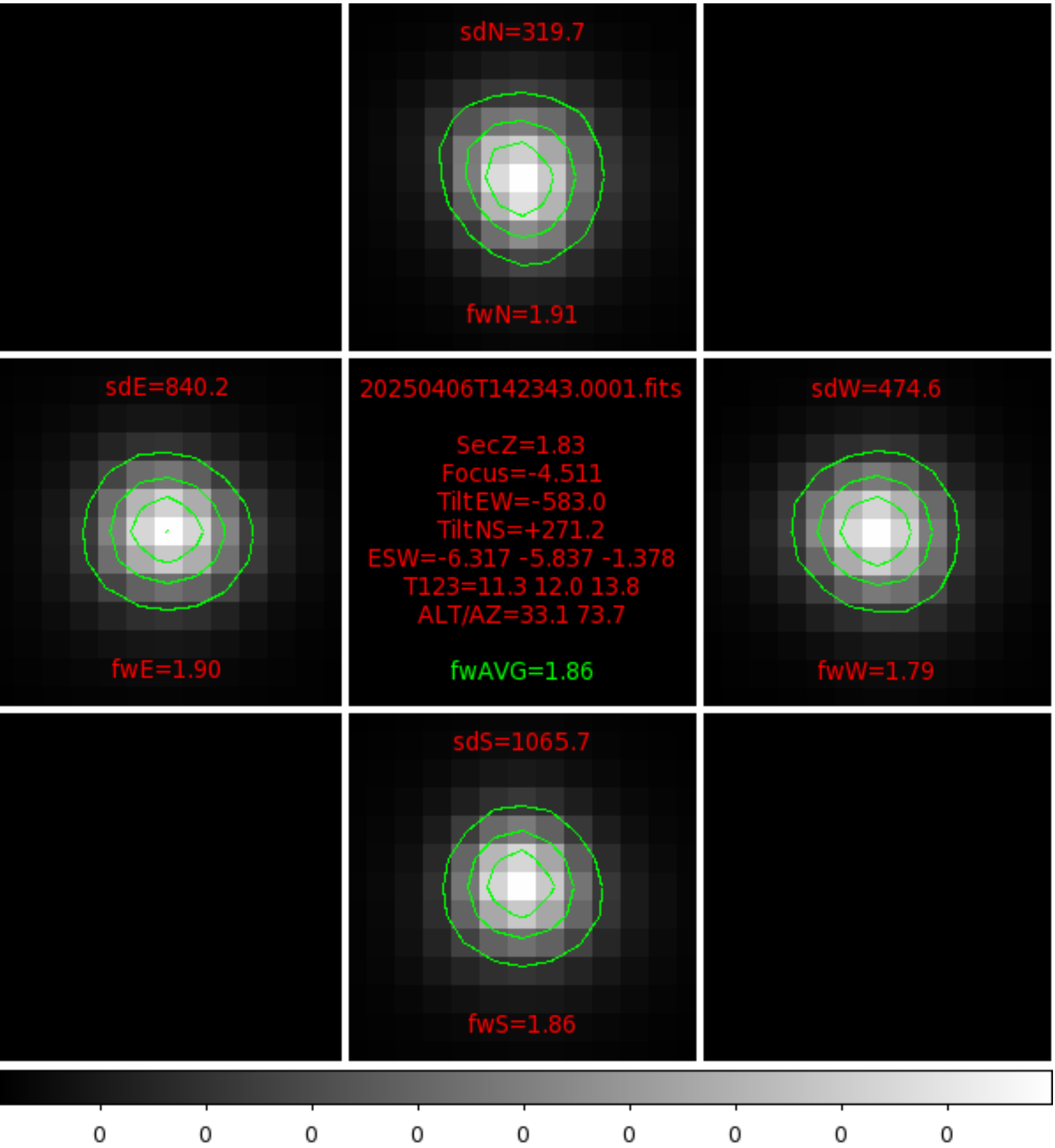
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ESW=-6.317 -5.837 -1.378
T123=11.3 12.0 13.8
ALT/AZ=33.1 73.7
fwAVG=1.86
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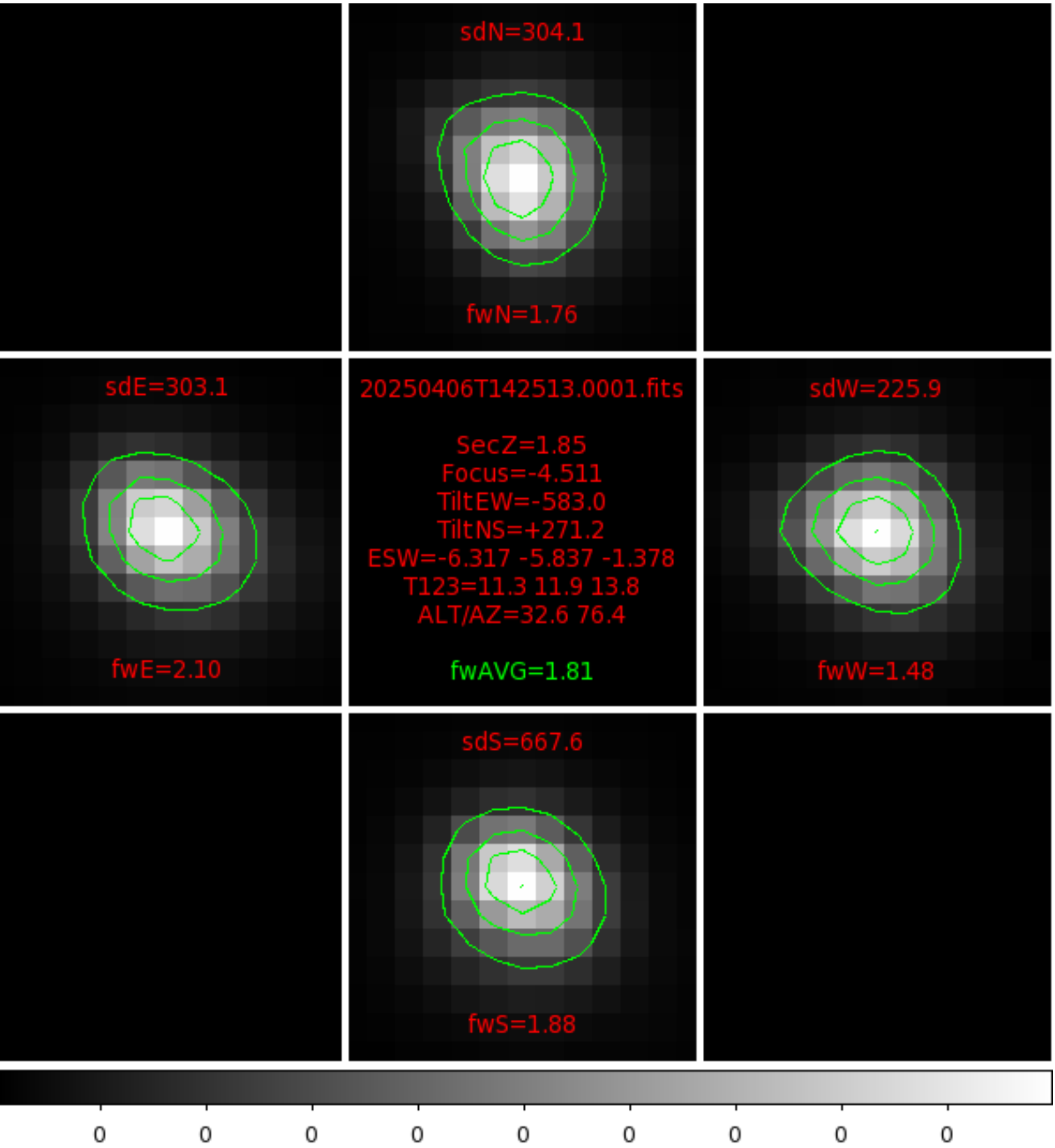
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20250406T142513.0001.fits
SecZ=1.85
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 11.9 13.8
ALT/AZ=32.6 76.4
fwAVG=1.81
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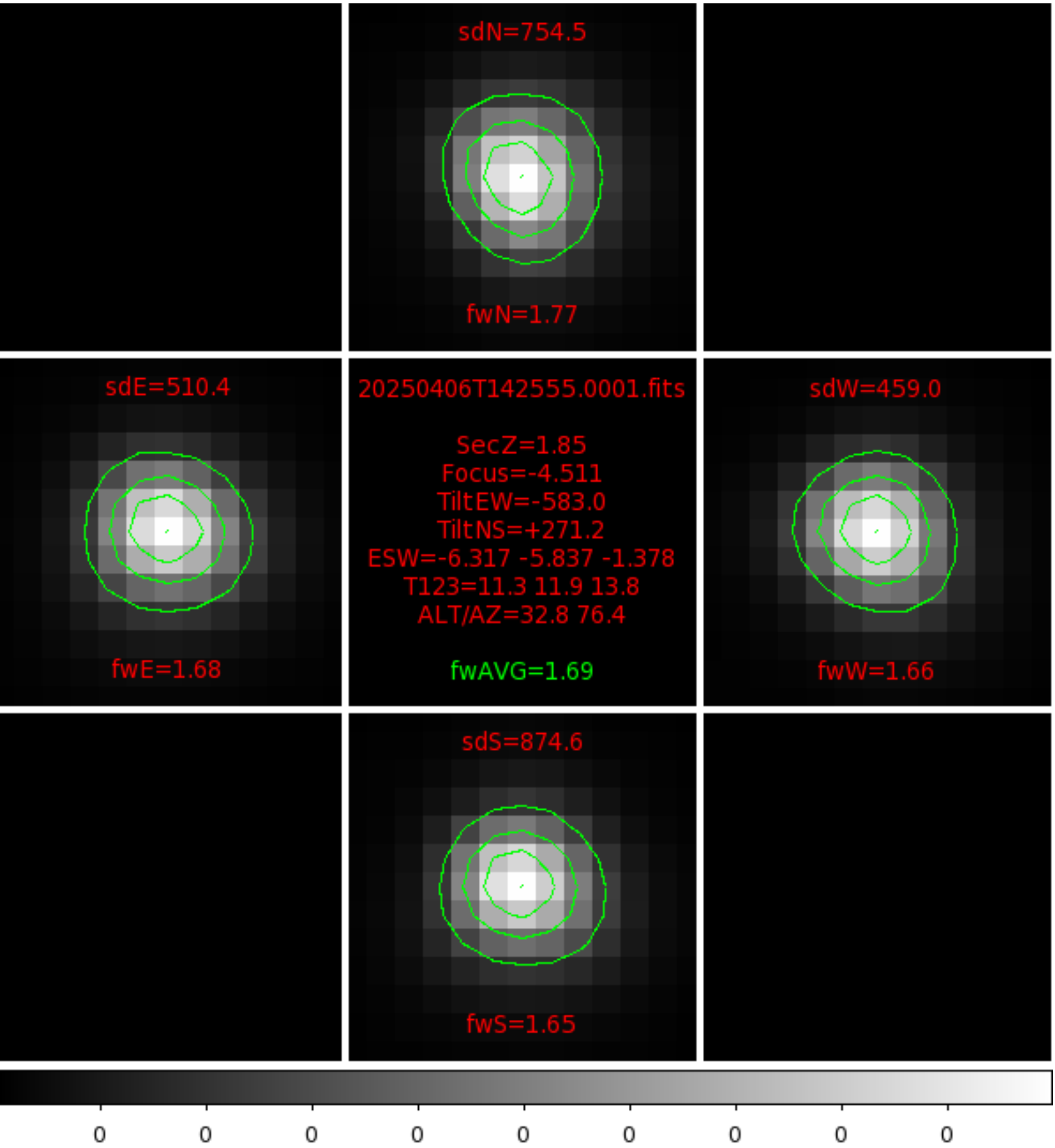
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 11.9 13.8
ALT/AZ=32.8 76.4
fwAVG=1.69
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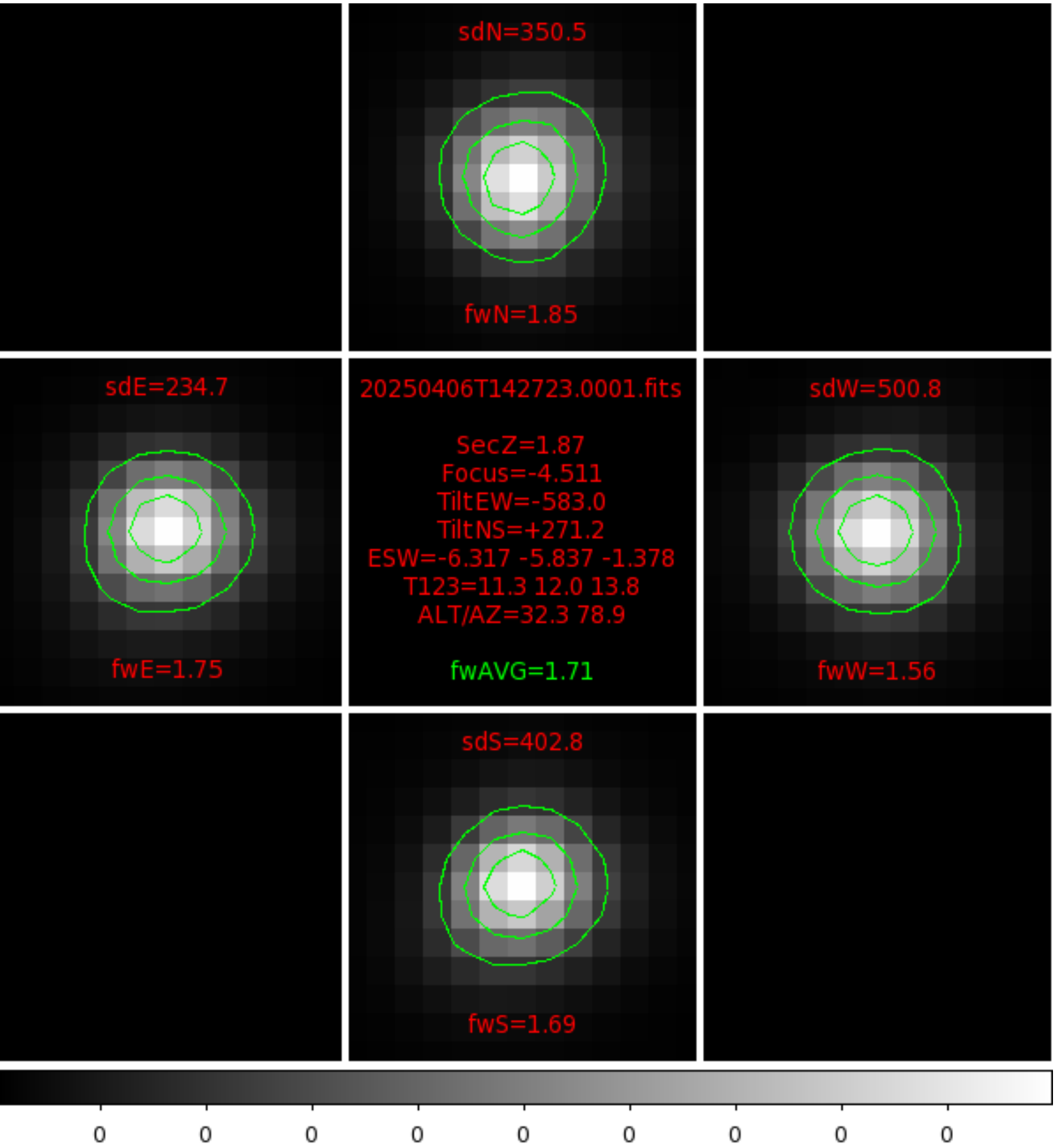
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SecZ=1.87
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 12.0 13.8
ALT/AZ=32.3 78.9
fwAVG=1.71
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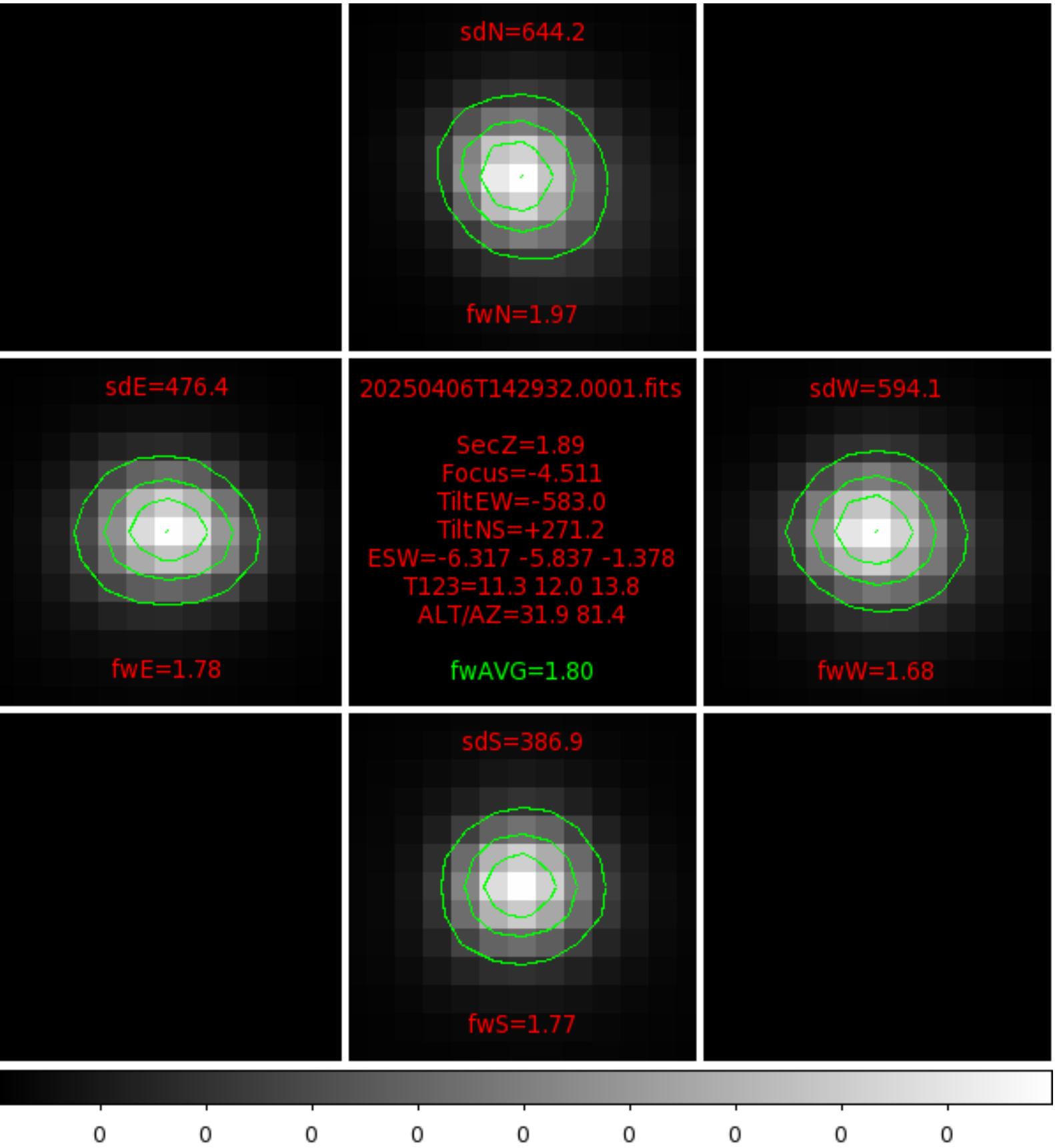
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SecZ=1.89
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 12.0 13.8
ALT/AZ=31.9 81.4
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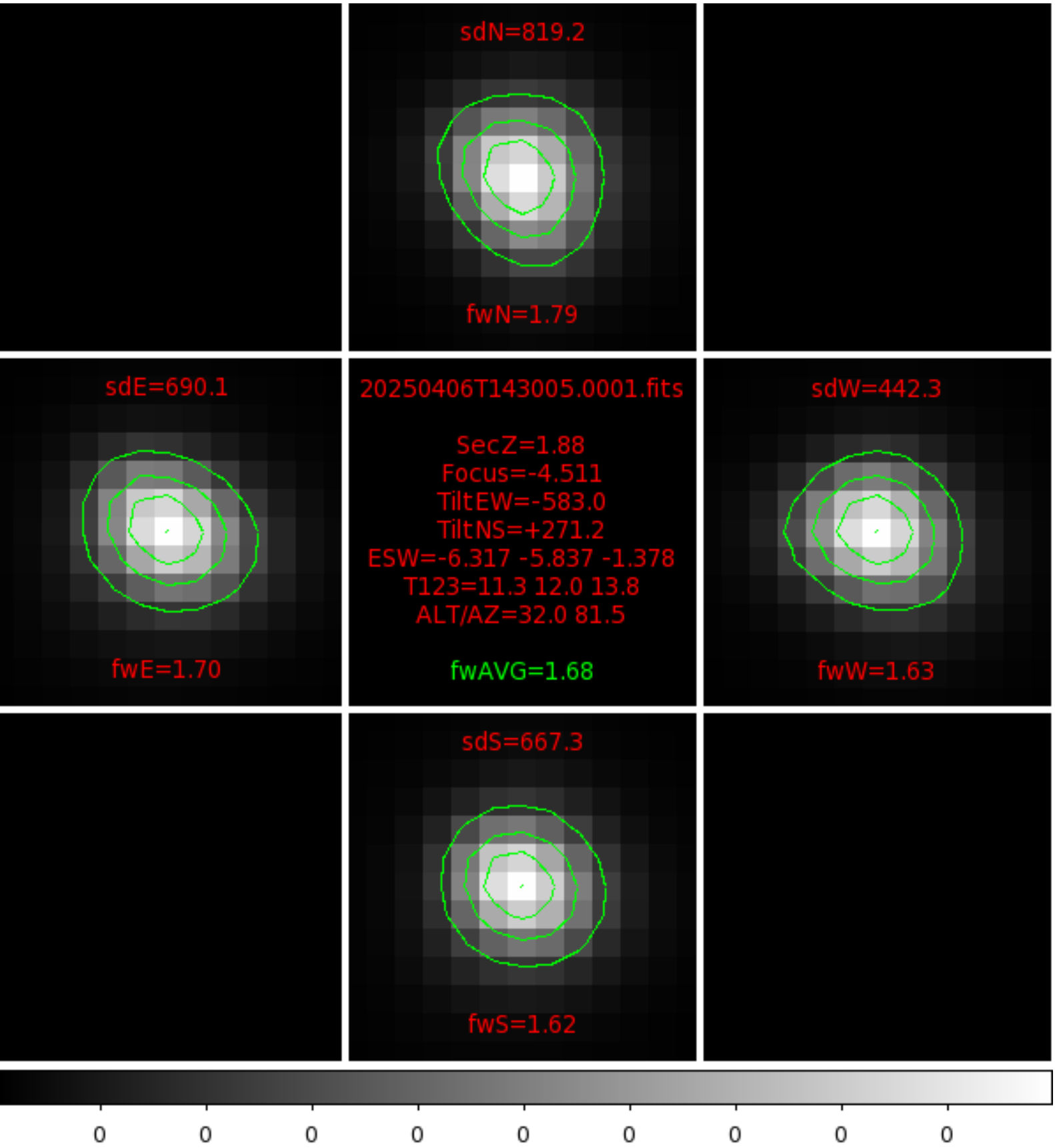
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fwE=1.70
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SecZ=1.88
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 12.0 13.8
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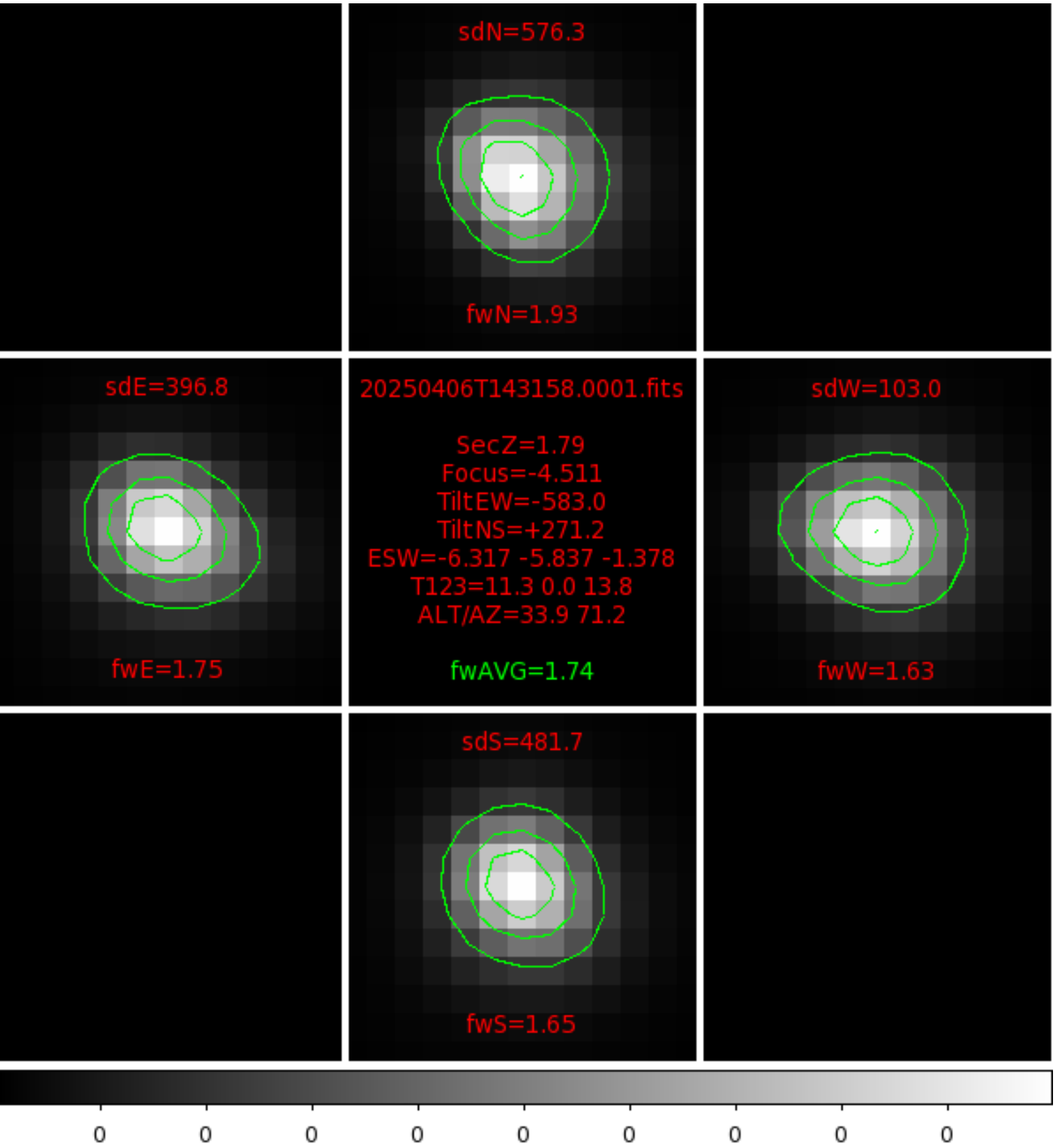
sdN=576.3
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sdE=396.8
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SecZ=1.79
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 0.0 13.8
ALT/AZ=33.9 71.2
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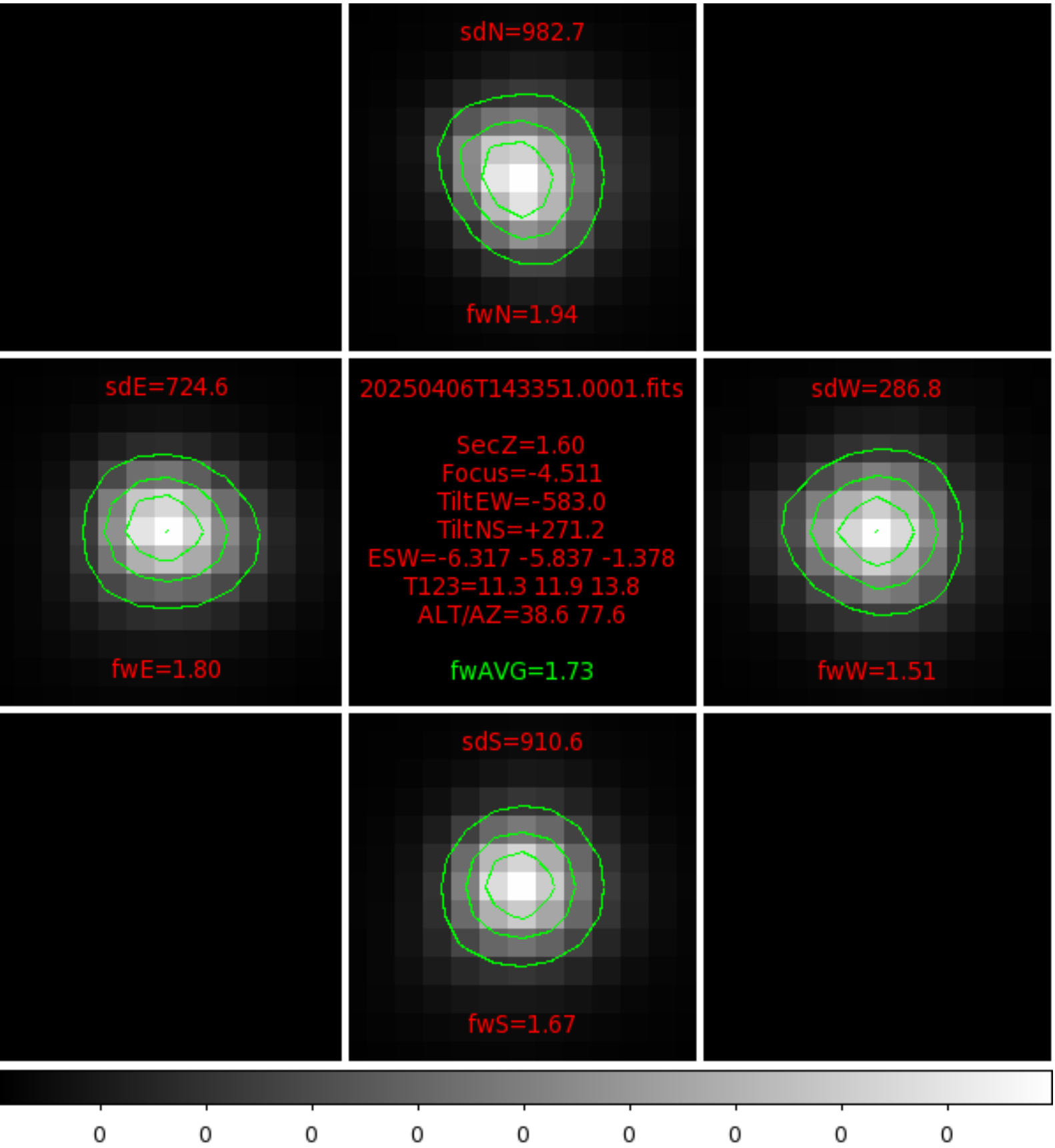
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SecZ=1.60
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 11.9 13.8
ALT/AZ=38.6 77.6
fwAVG=1.73
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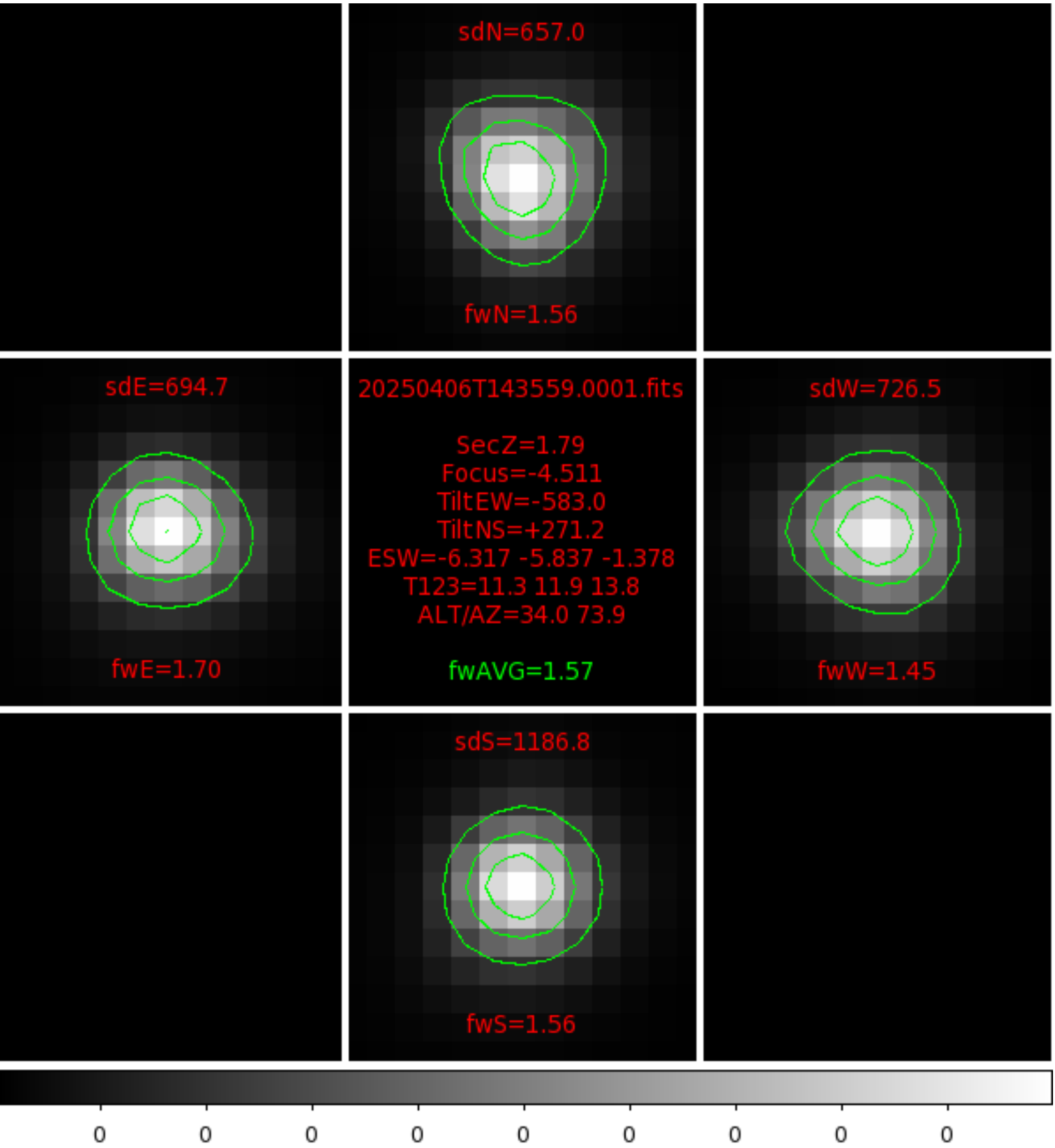
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SecZ=1.79
Focus=-4.511
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 11.9 13.8
ALT/AZ=34.0 73.9
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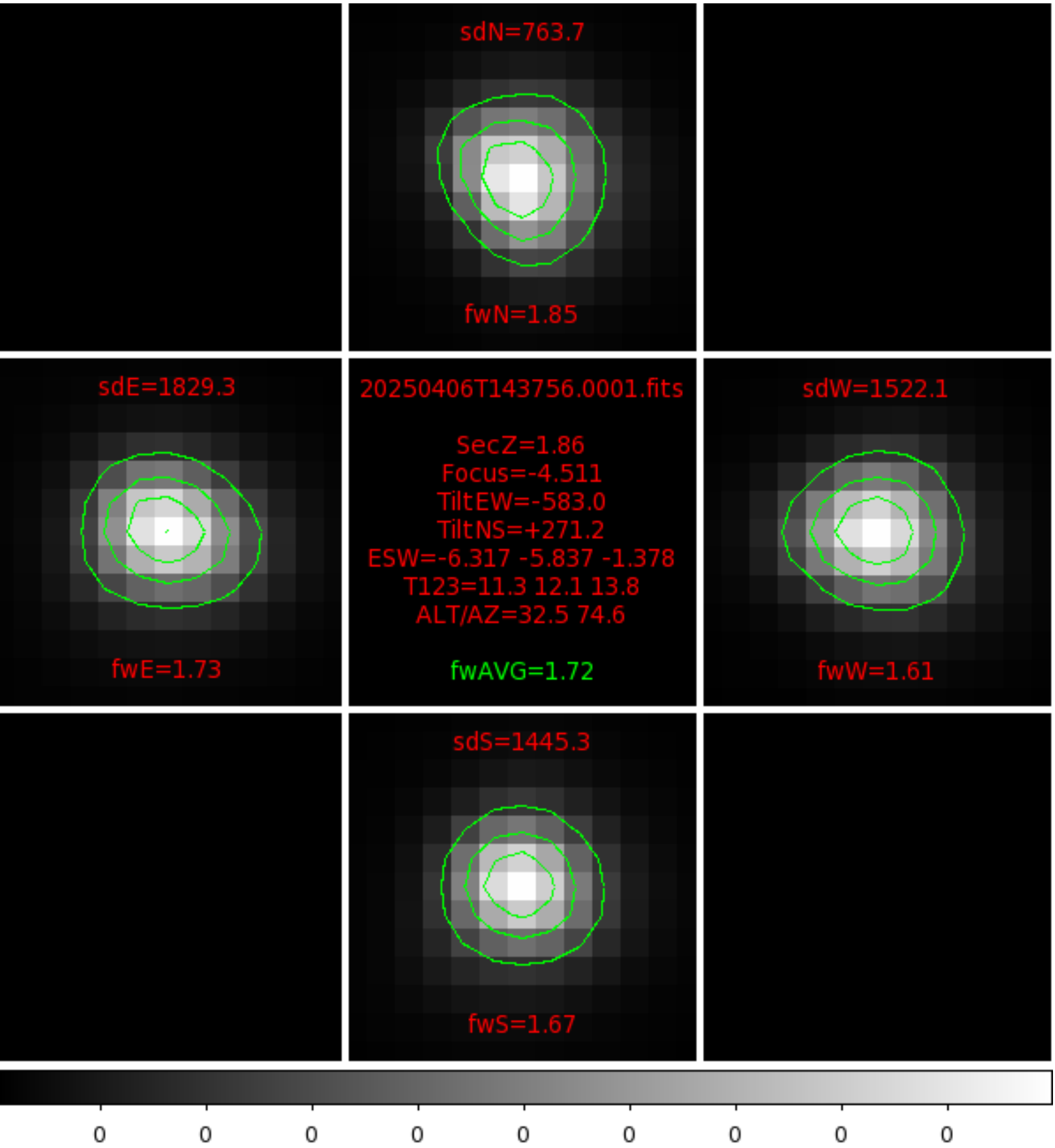
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sdE=1829.3
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SecZ=1.86
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 12.1 13.8
ALT/AZ=32.5 74.6
fwAVG=1.72
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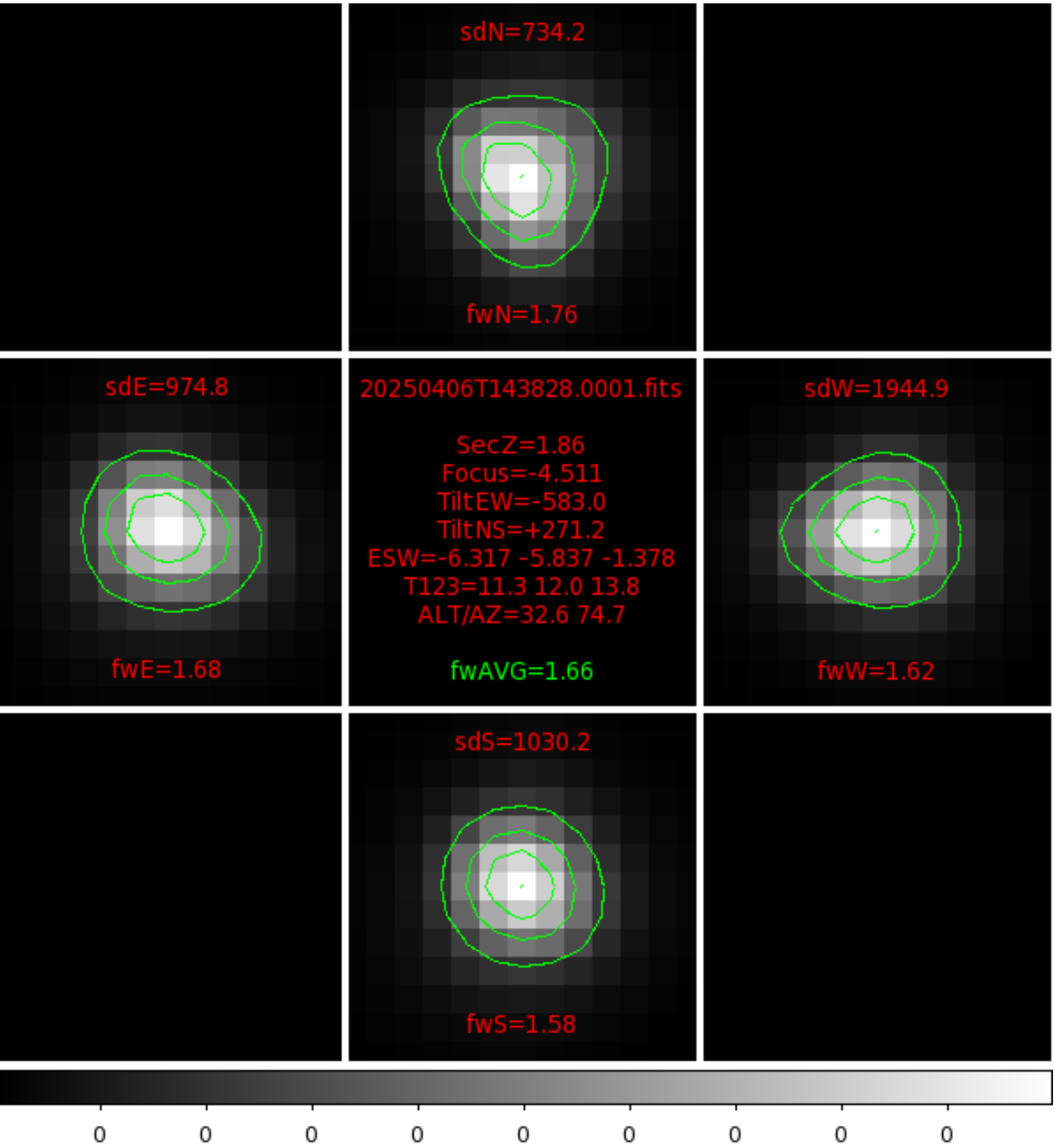
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fwN=1.76
sdE=974.8
fwE=1.68
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SecZ=1.86
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=11.3 12.0 13.8
ALT/AZ=32.6 74.7
fwAVG=1.66
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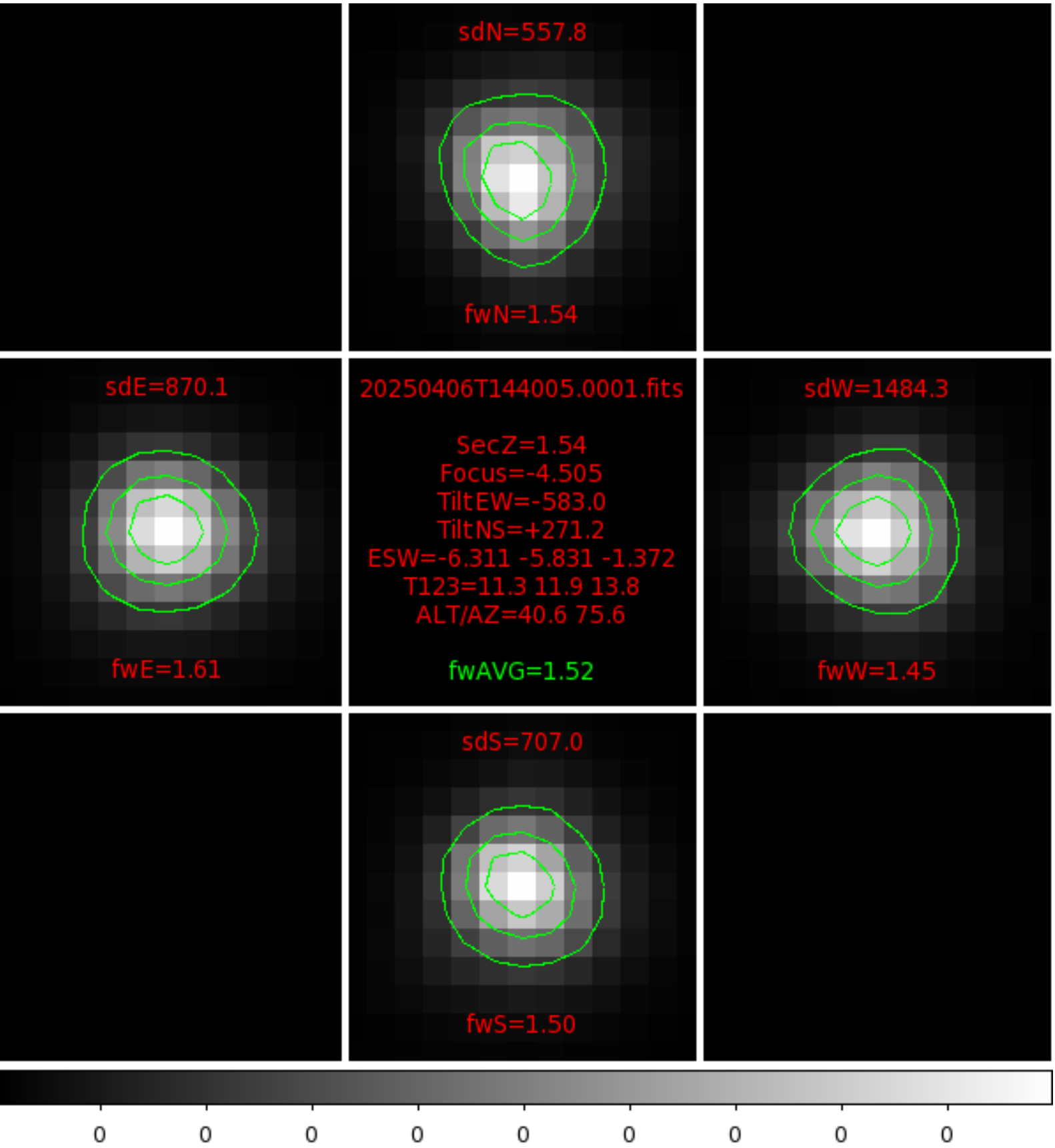
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TiltNS=+271.2
ESW=-6.311 -5.831 -1.372
T123=11.3 11.9 13.8
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fwAVG=1.52
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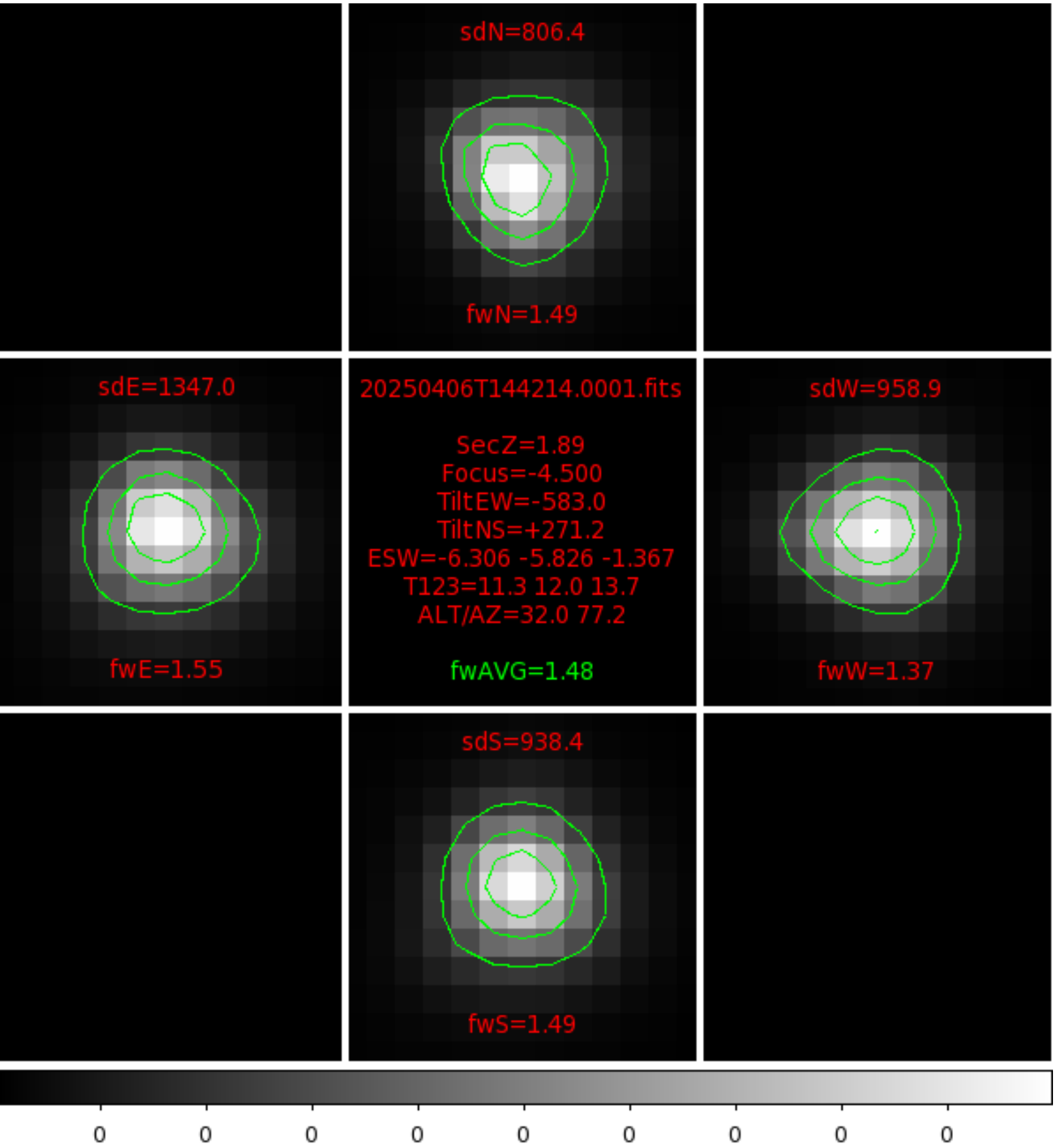
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TiltNS=+271.2
ESW=-6.306 -5.826 -1.367
T123=11.3 12.0 13.7
ALT/AZ=32.0 77.2
fwAVG=1.48
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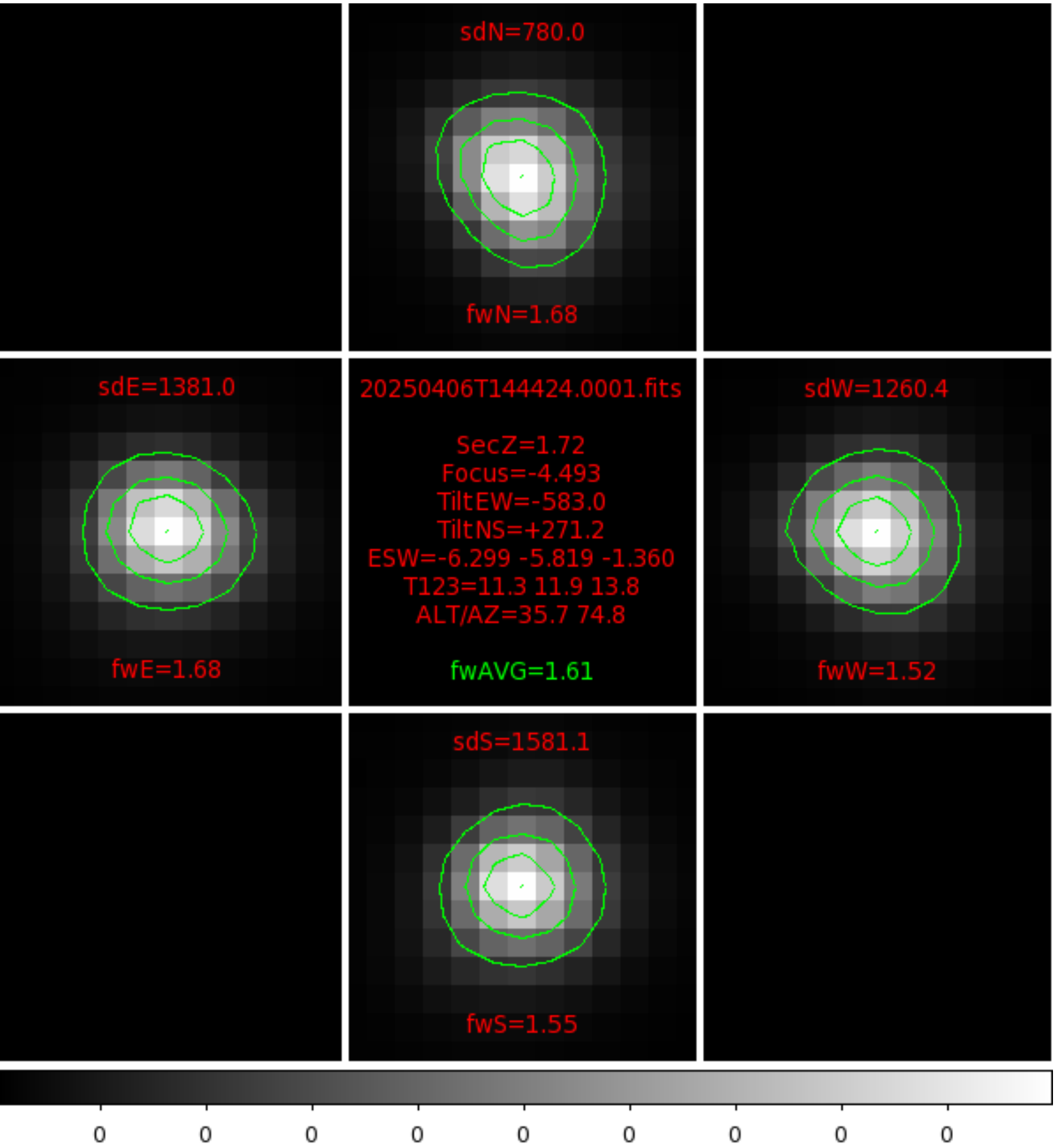
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.3 11.9 13.8
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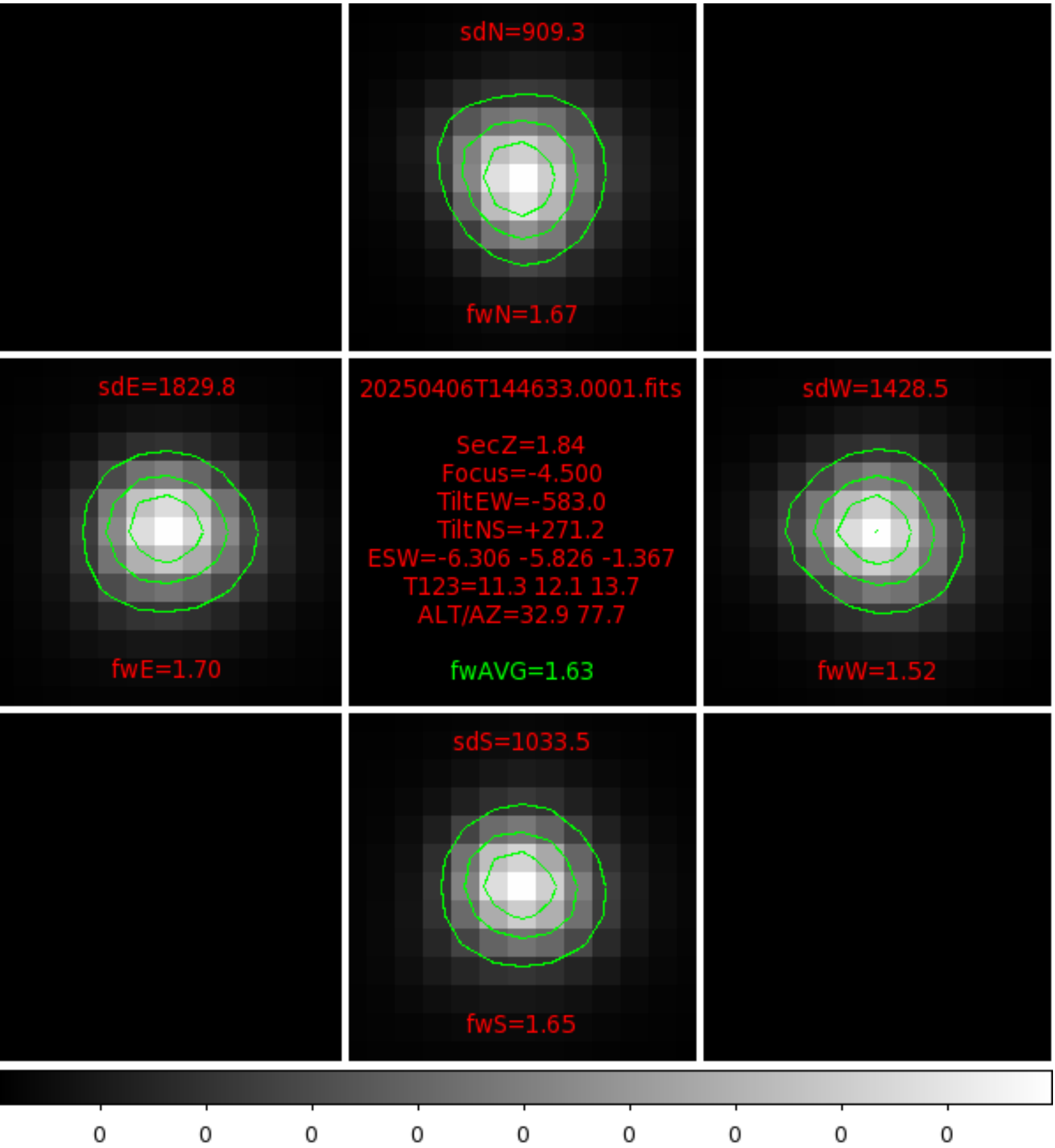
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SecZ=1.84
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.306 -5.826 -1.367
T123=11.3 12.1 13.7
ALT/AZ=32.9 77.7
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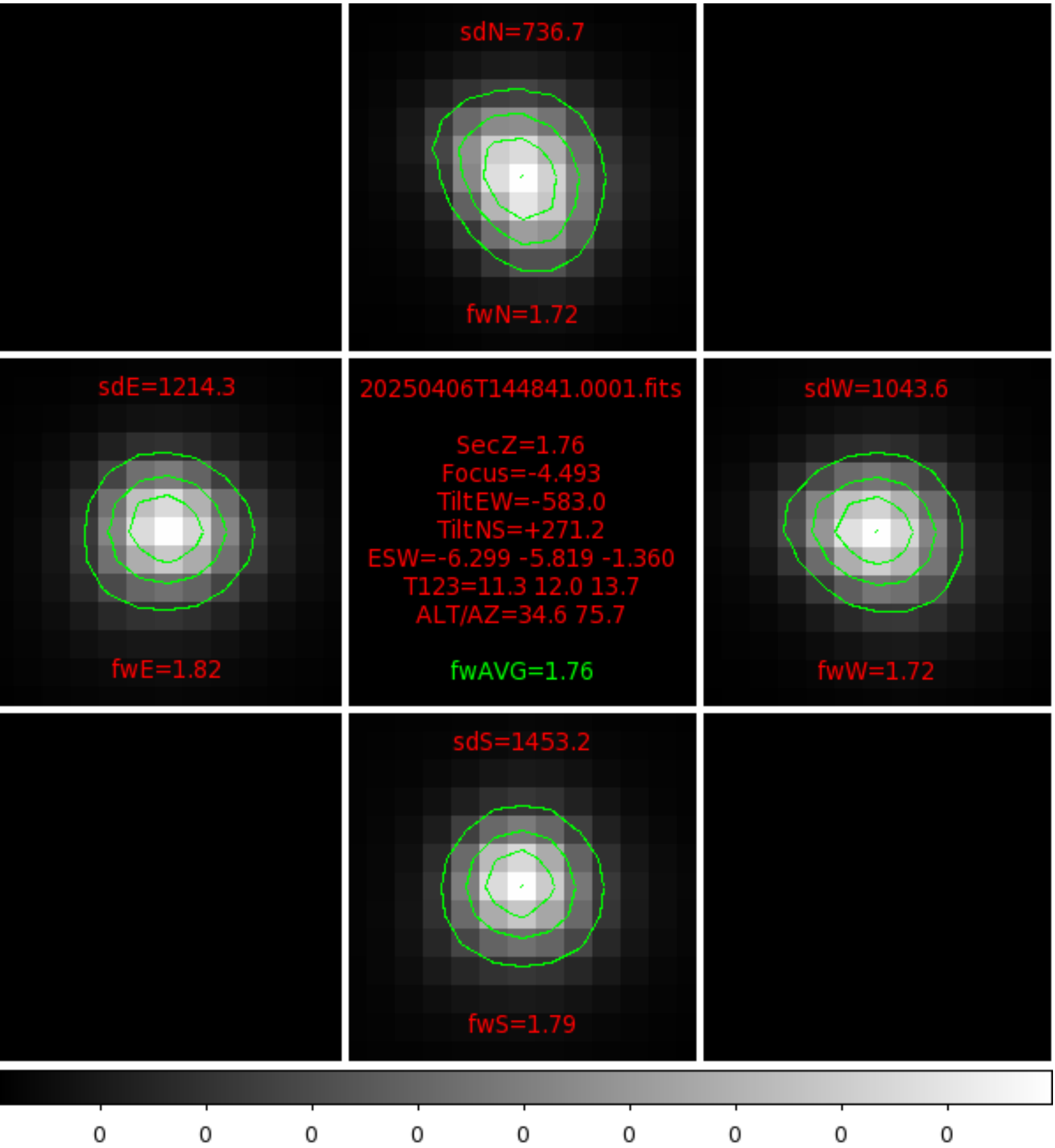
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TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.3 12.0 13.7
ALT/AZ=34.6 75.7
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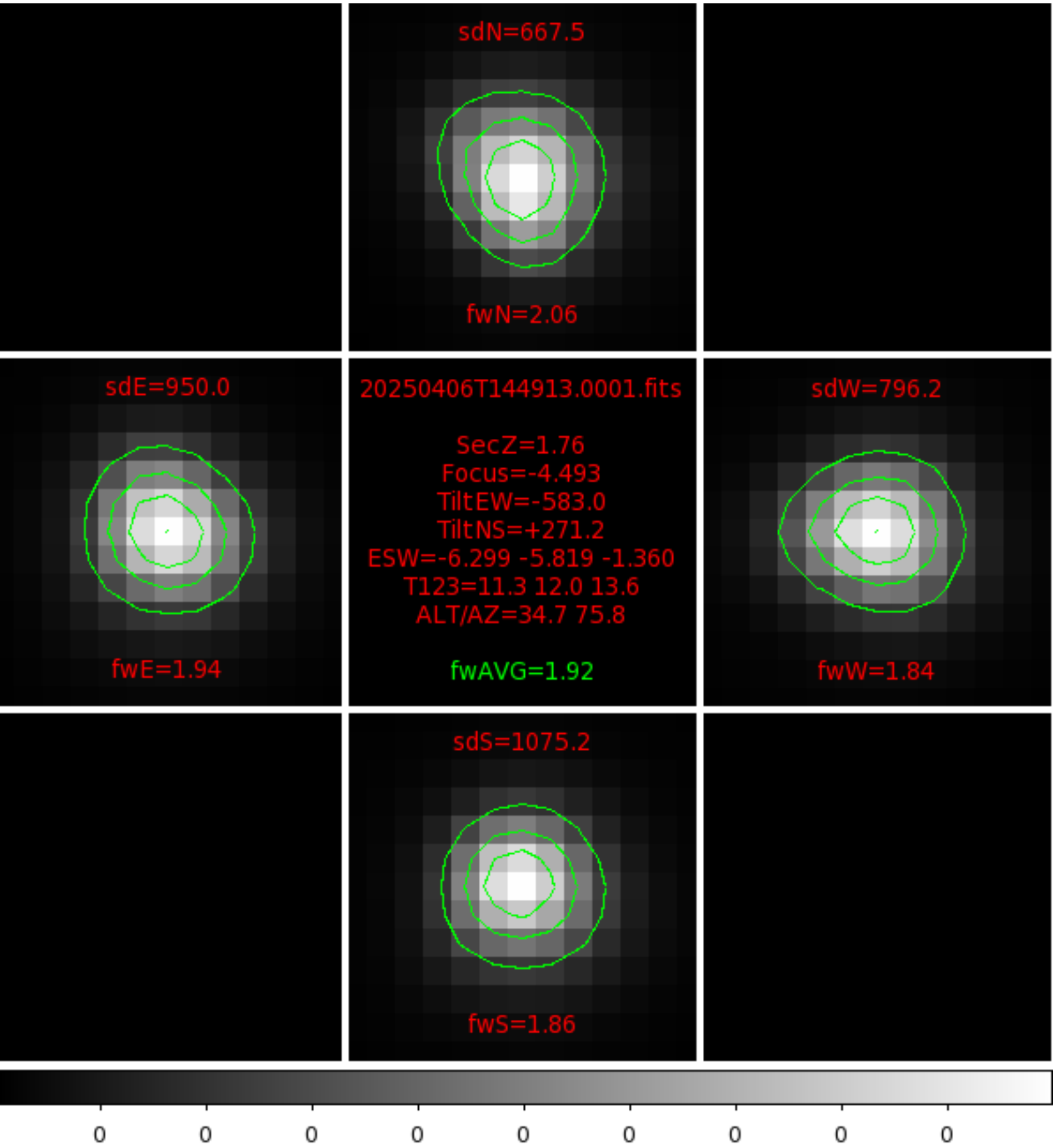
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SecZ=1.76
Focus=-4.493
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TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.3 12.0 13.6
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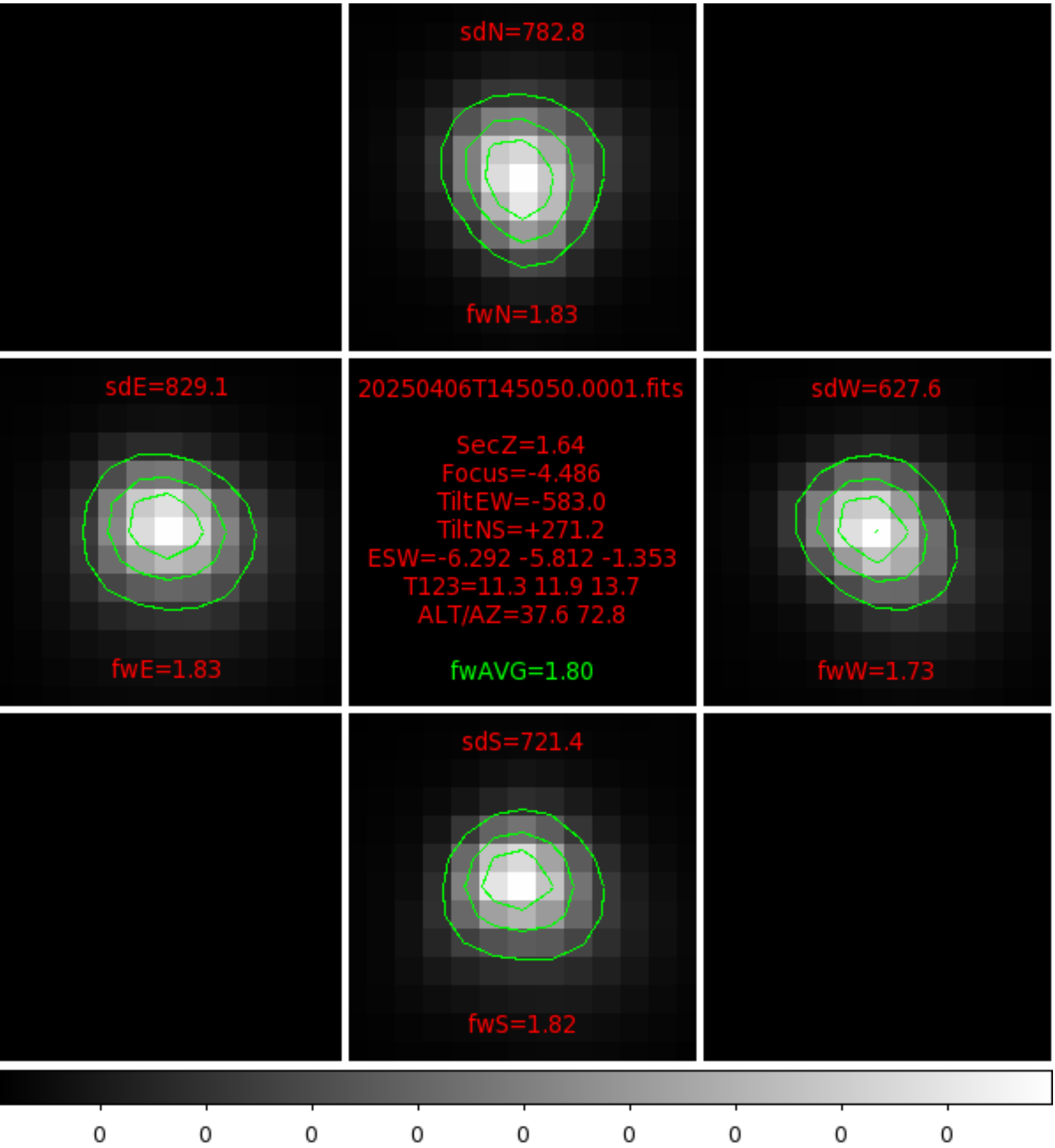
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Focus=-4.486
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.292 -5.812 -1.353
T123=11.3 11.9 13.7
ALT/AZ=37.6 72.8
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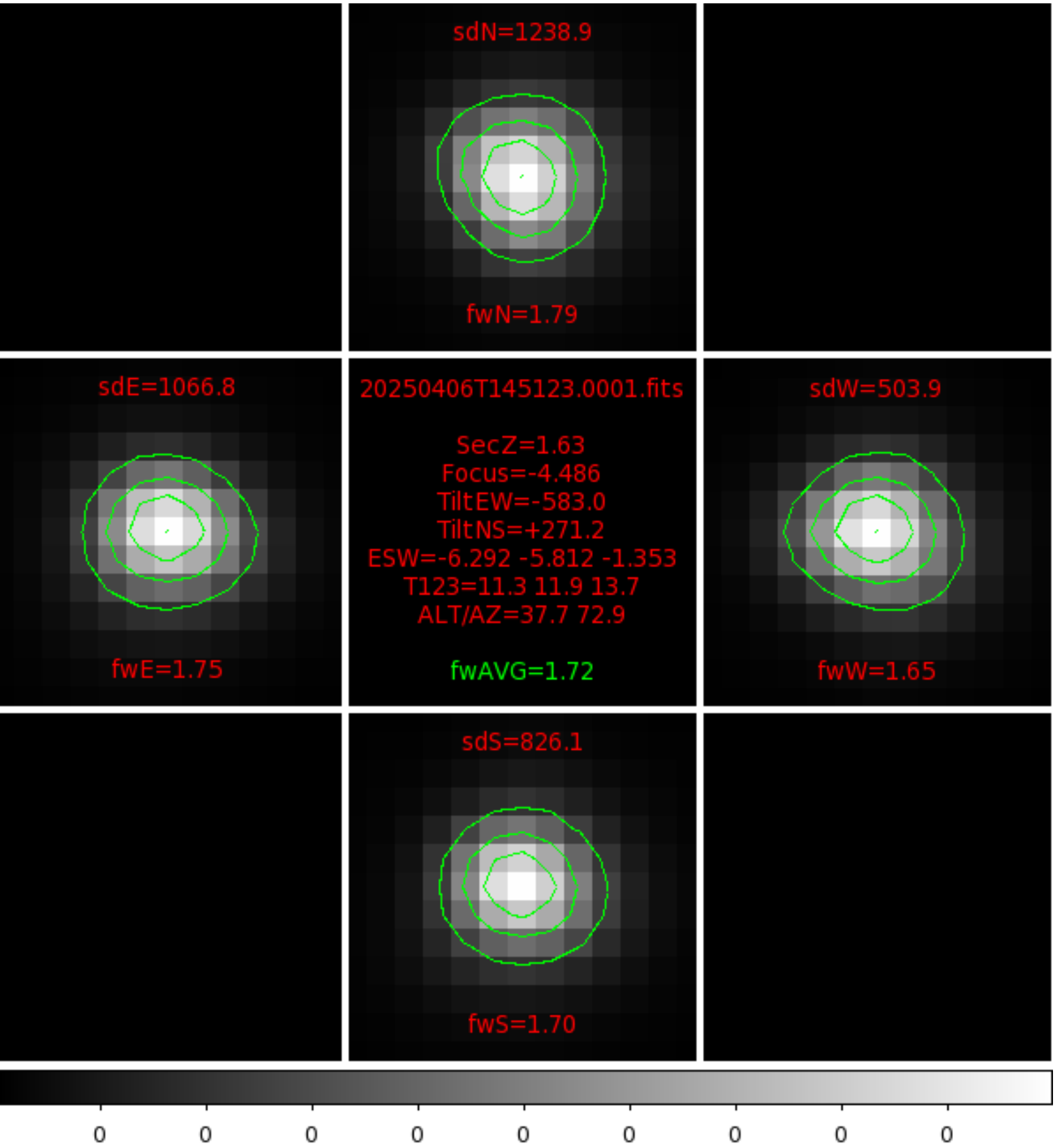
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TiltNS=+271.2
ESW=-6.292 -5.812 -1.353
T123=11.3 11.9 13.7
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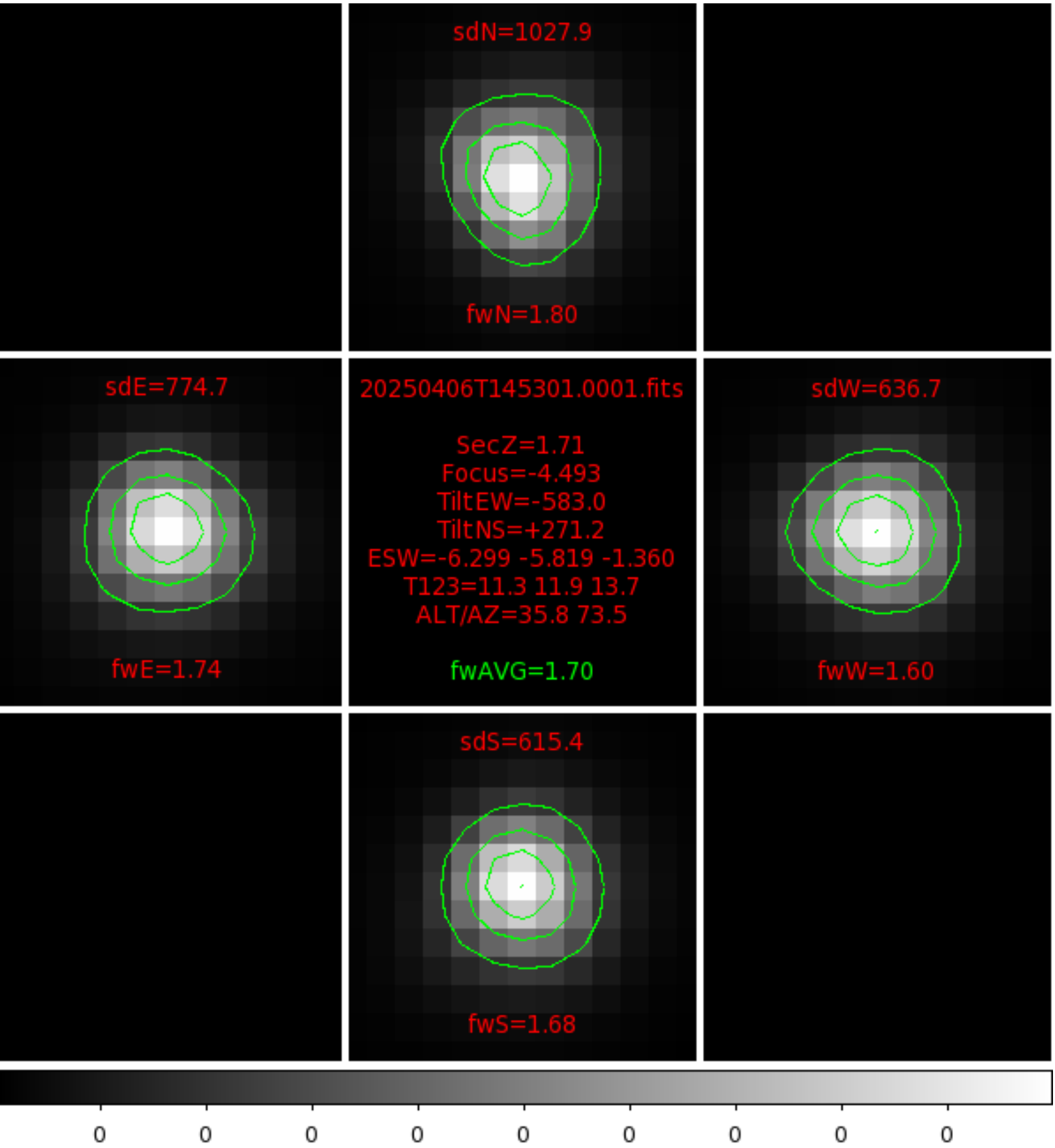
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TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.3 11.9 13.7
ALT/AZ=35.8 73.5
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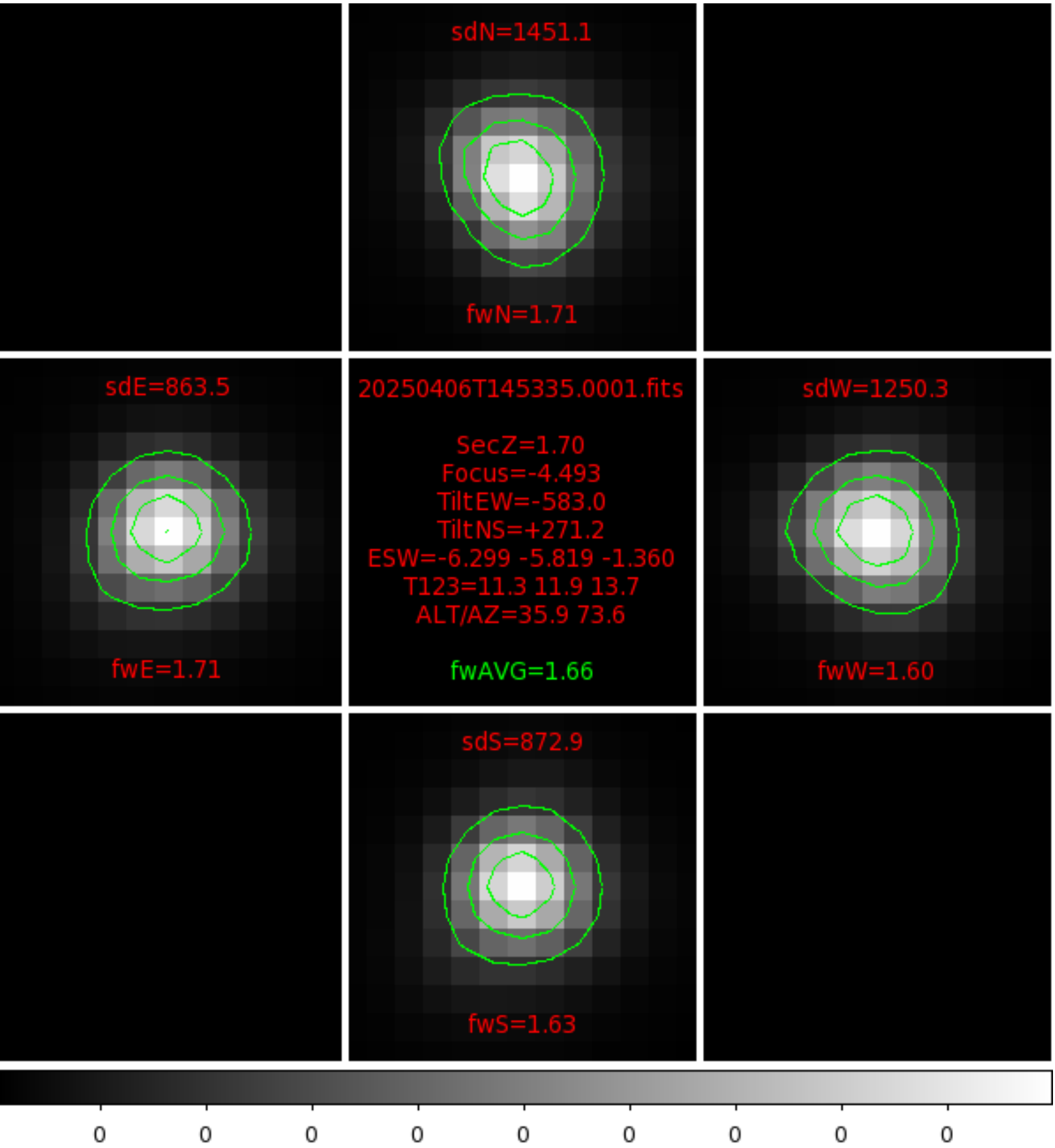
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Focus=-4.493
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.3 11.9 13.7
ALT/AZ=35.9 73.6
fwAVG=1.66
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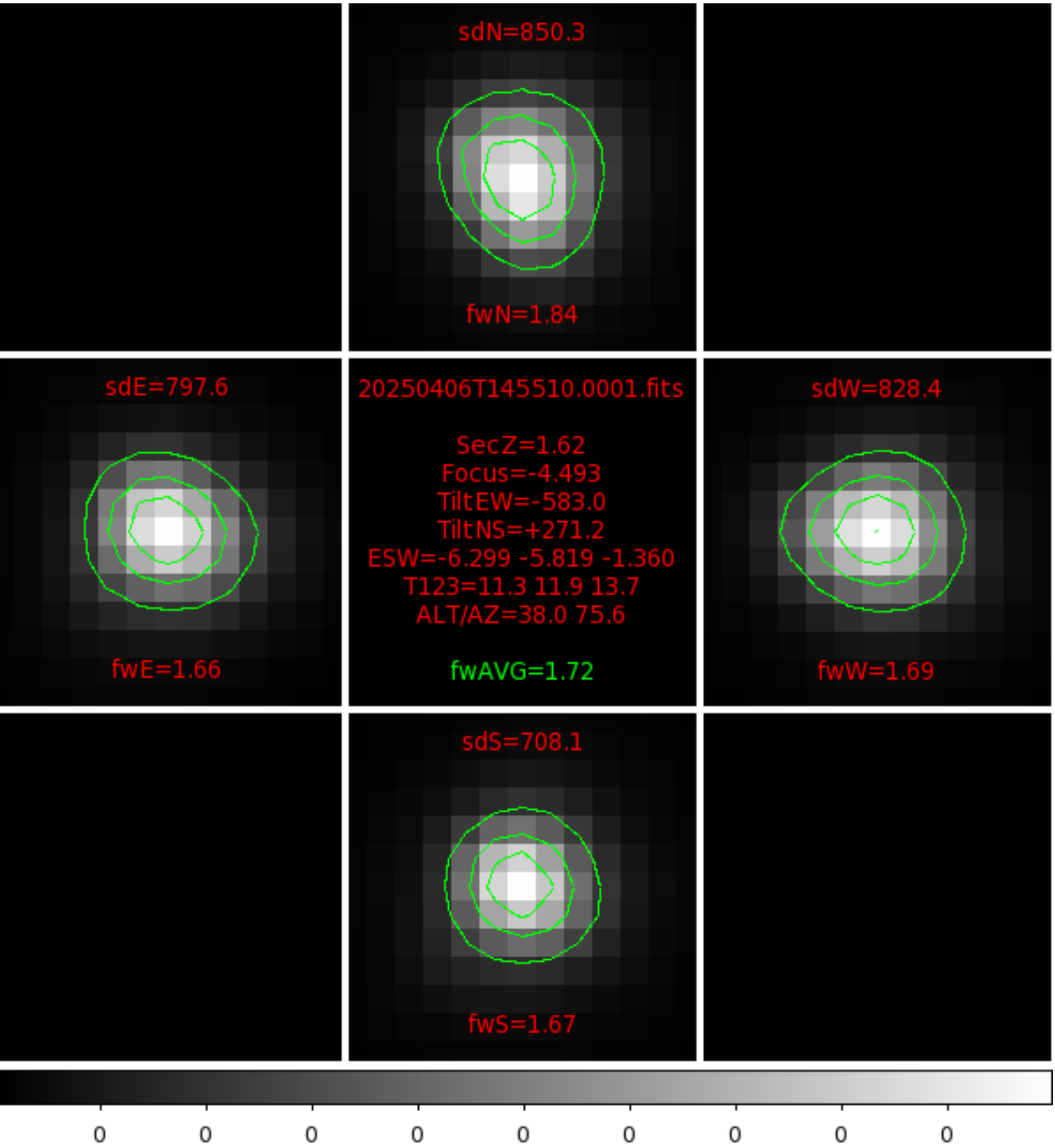
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SecZ=1.62
Focus=-4.493
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TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.3 11.9 13.7
ALT/AZ=38.0 75.6
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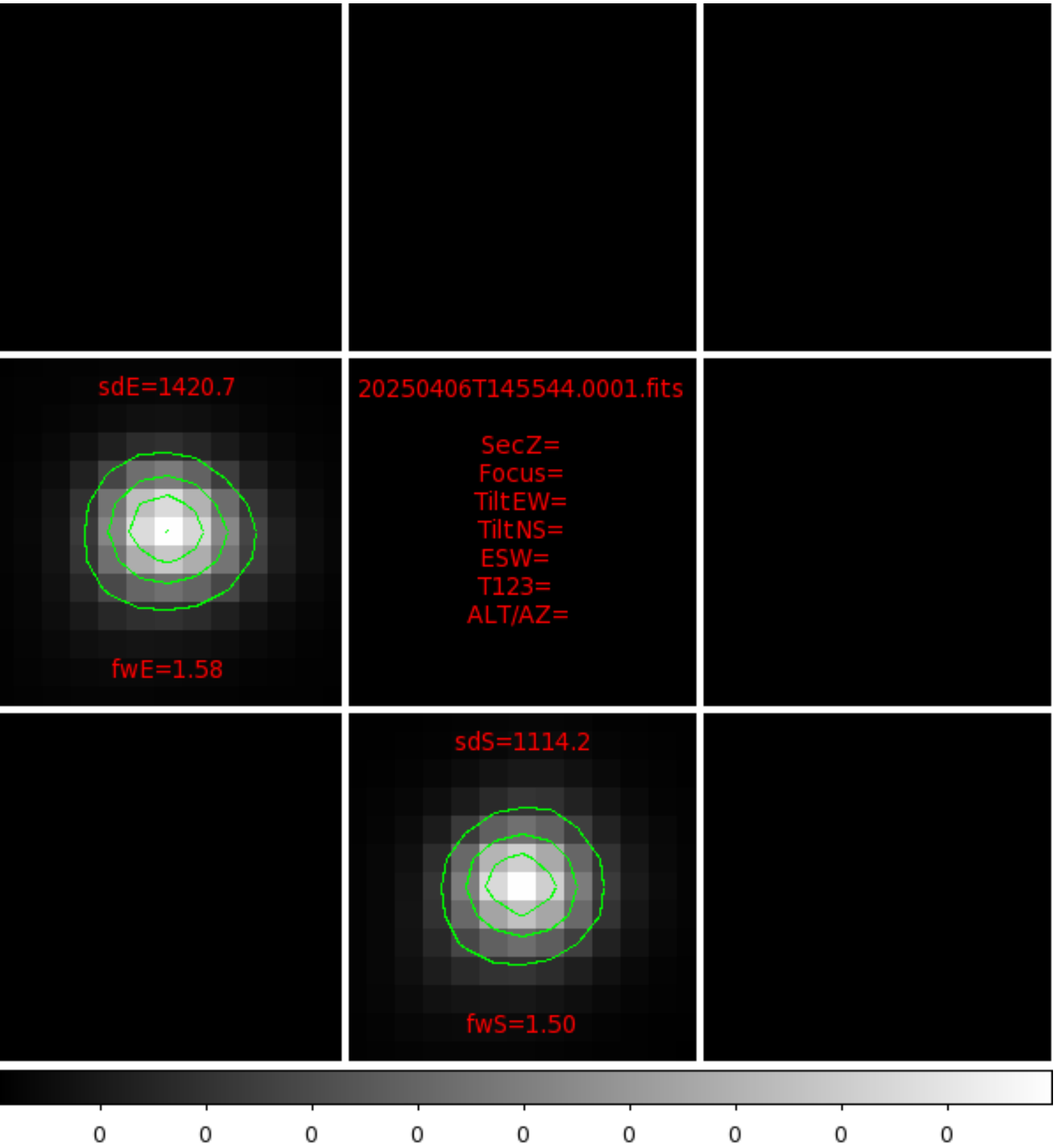
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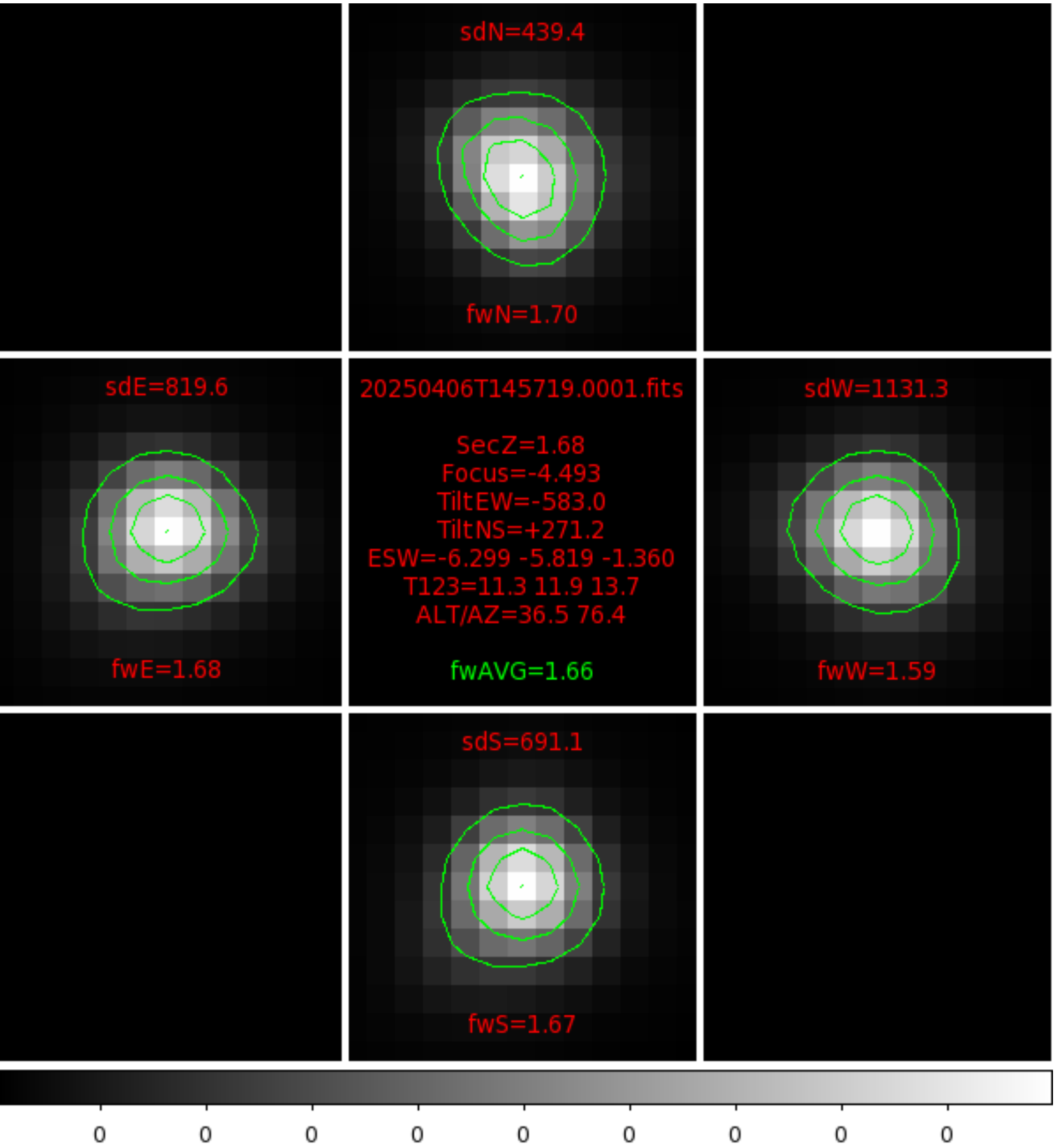
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sdE=819.6
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ESW=-6.299 -5.819 -1.360
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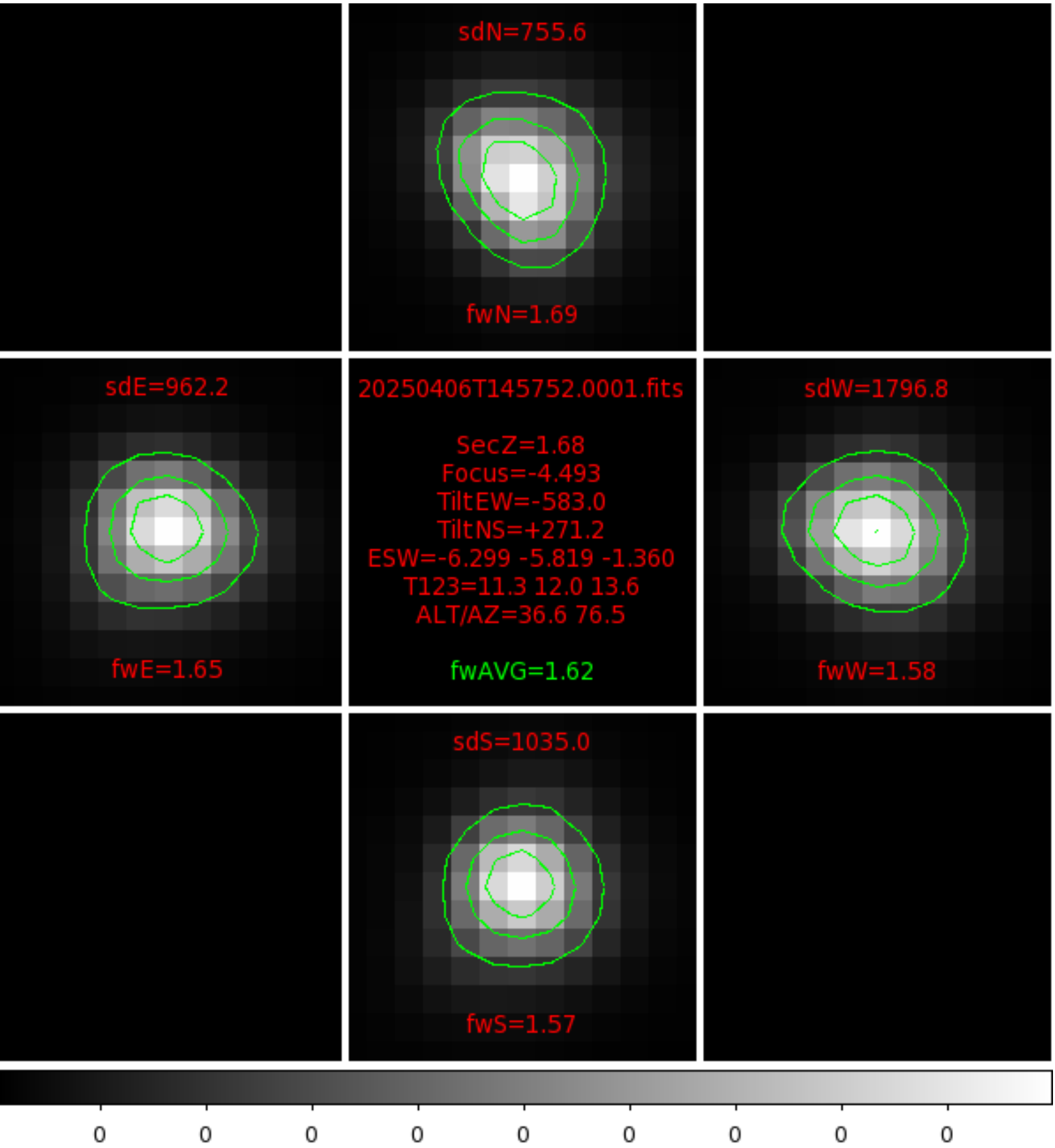
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SecZ=1.68
Focus=-4.493
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TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.3 12.0 13.6
ALT/AZ=36.6 76.5
fwAVG=1.62
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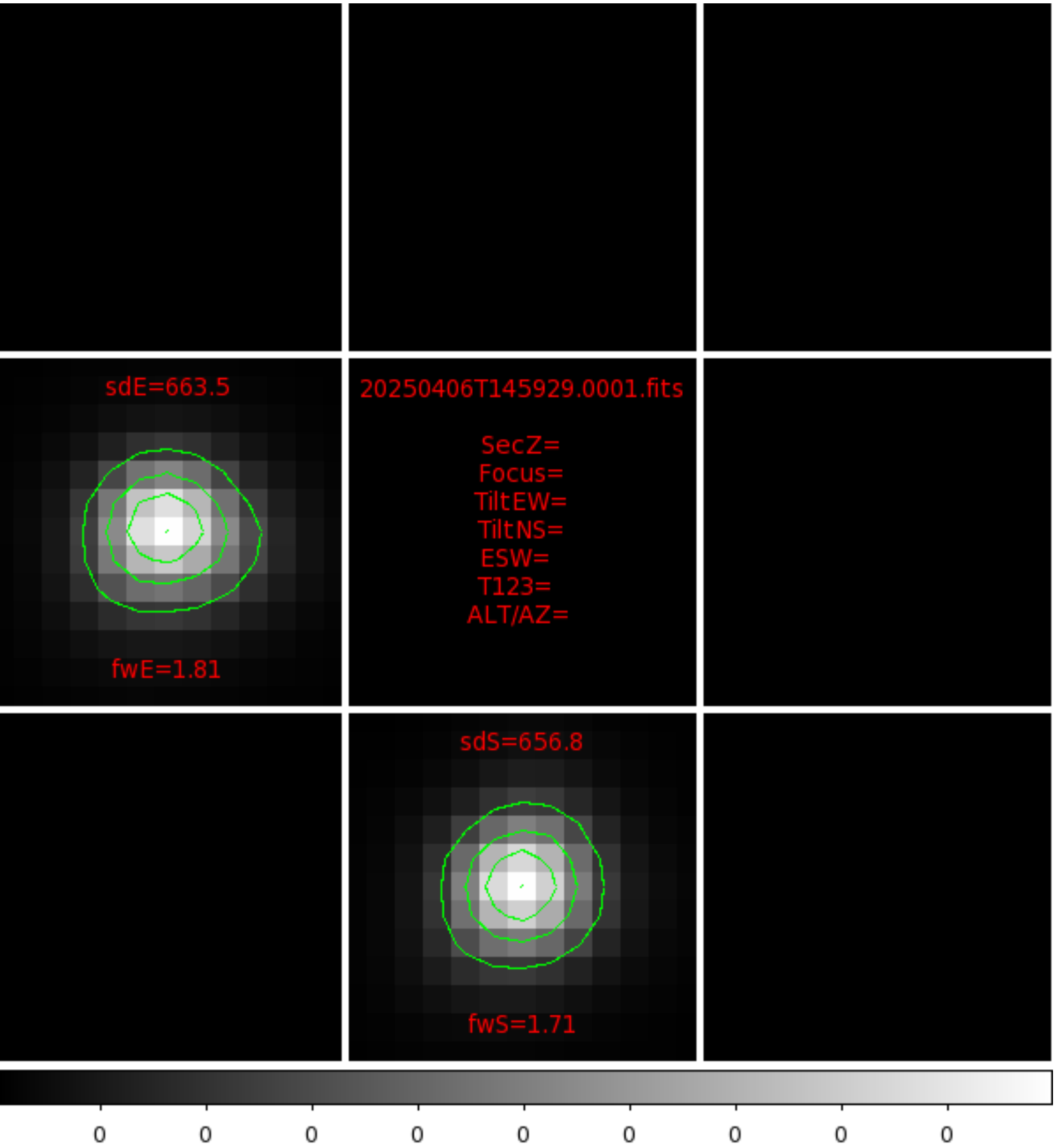
sdE=663.5
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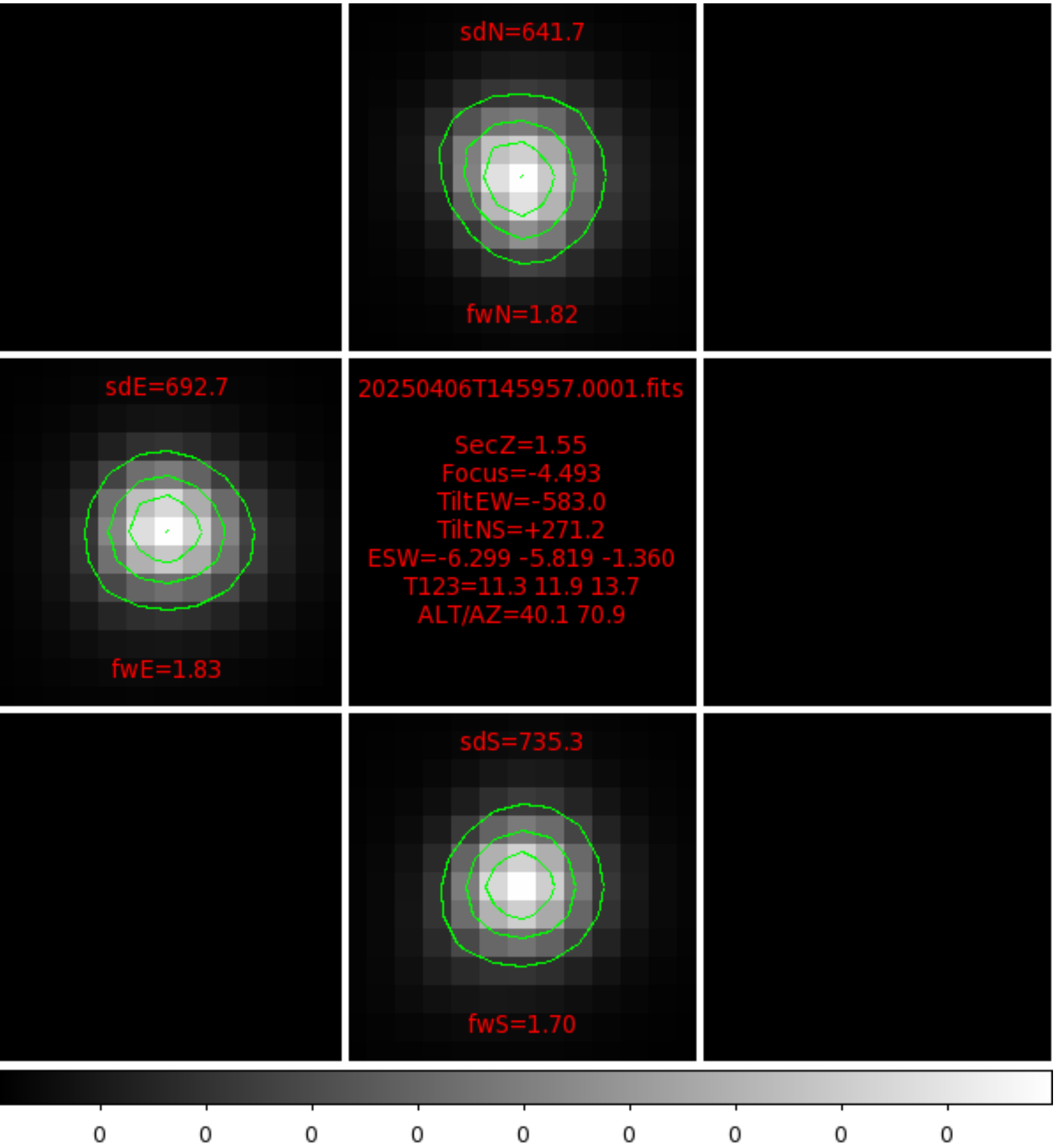
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TiltEW=-583.0
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ESW=-6.299 -5.819 -1.360
T123=11.3 11.9 13.7
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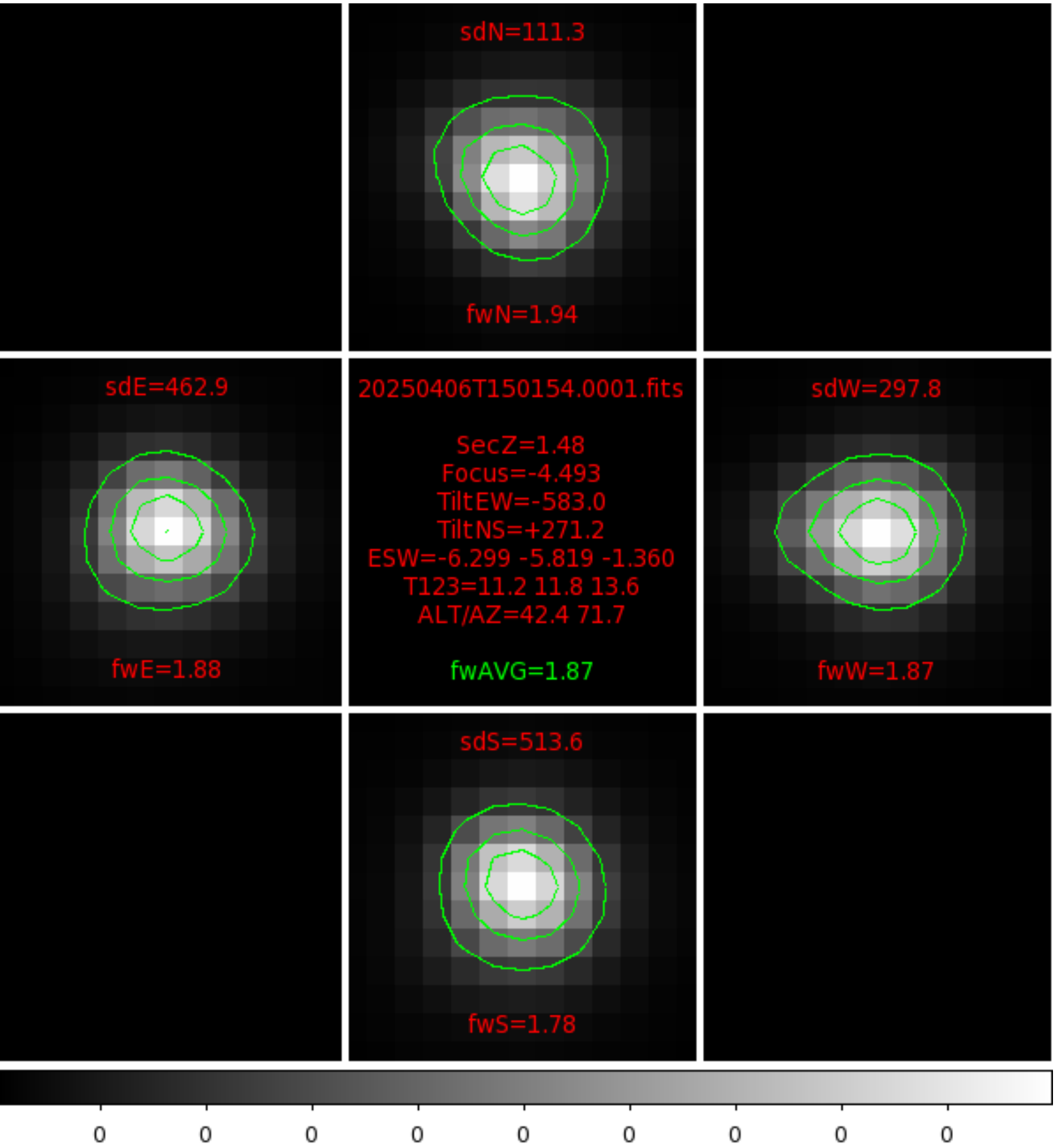
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SecZ=1.48
Focus=-4.493
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.2 11.8 13.6
ALT/AZ=42.4 71.7
fwAVG=1.87
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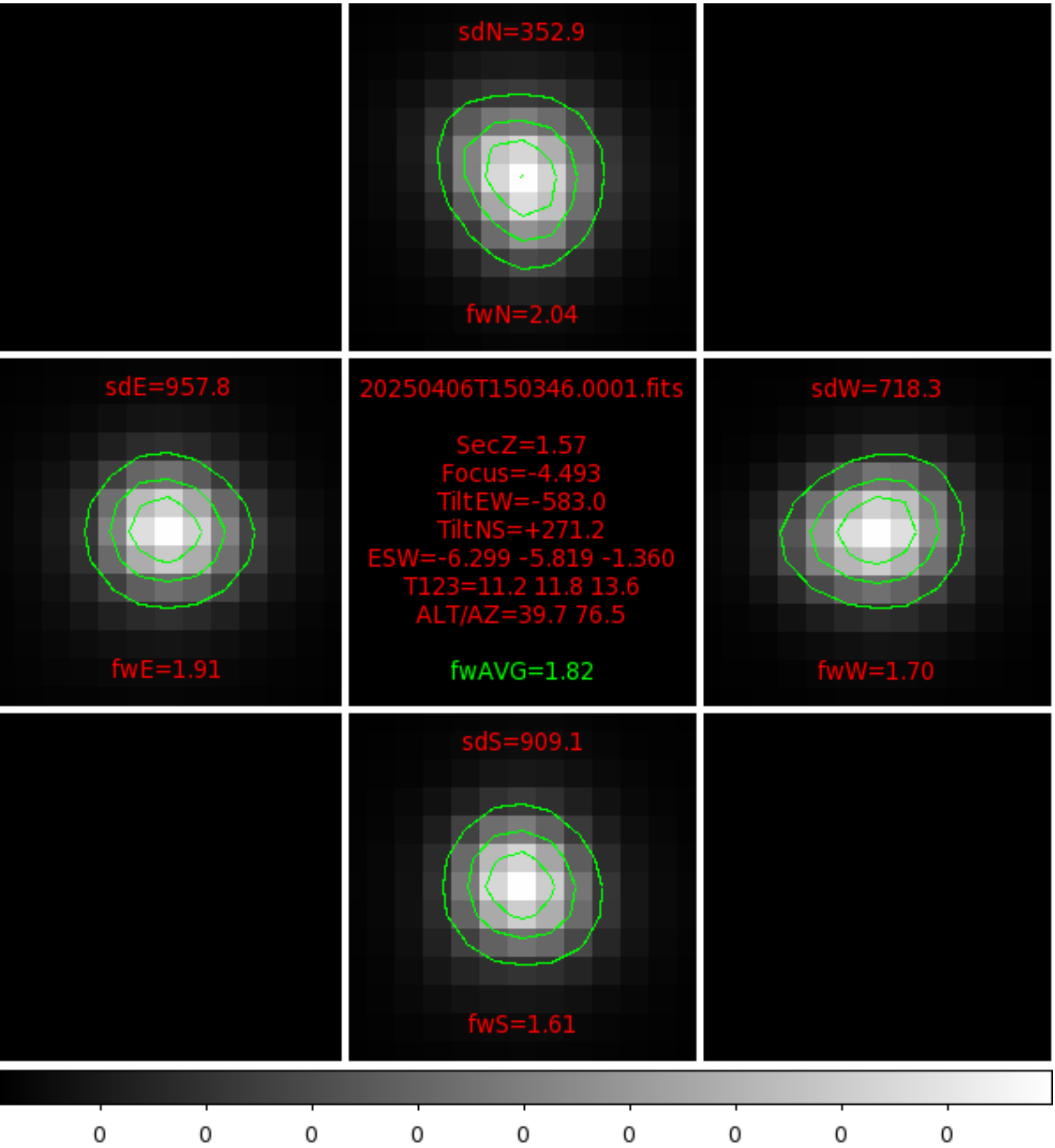
sdN=352.9
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sdE=957.8
fwE=1.91
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SecZ=1.57
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TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.2 11.8 13.6
ALT/AZ=39.7 76.5
fwAVG=1.82
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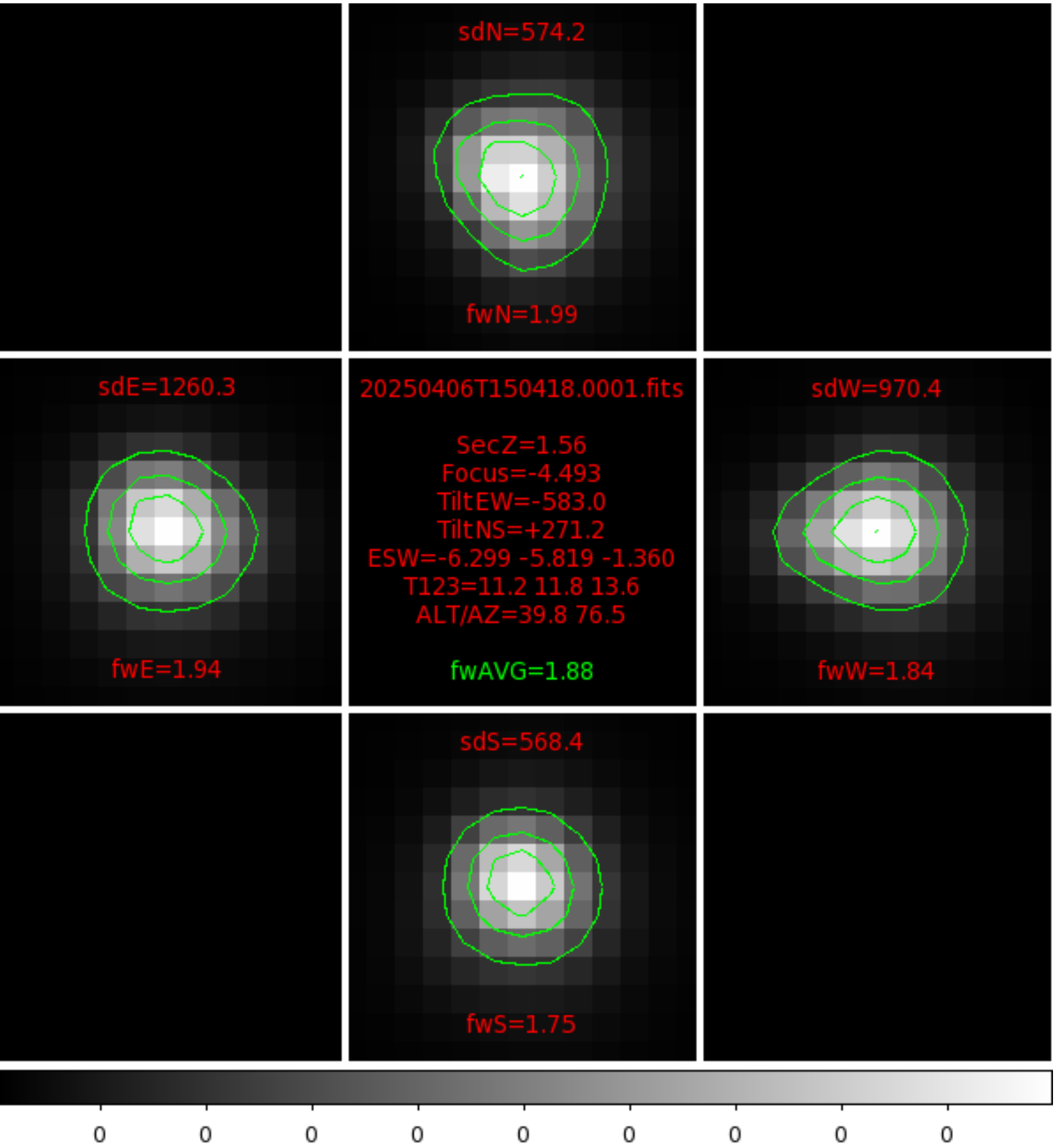
sdN=574.2
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sdE=1260.3
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SecZ=1.56
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T123=11.2 11.8 13.6
ALT/AZ=39.8 76.5
fwAVG=1.88
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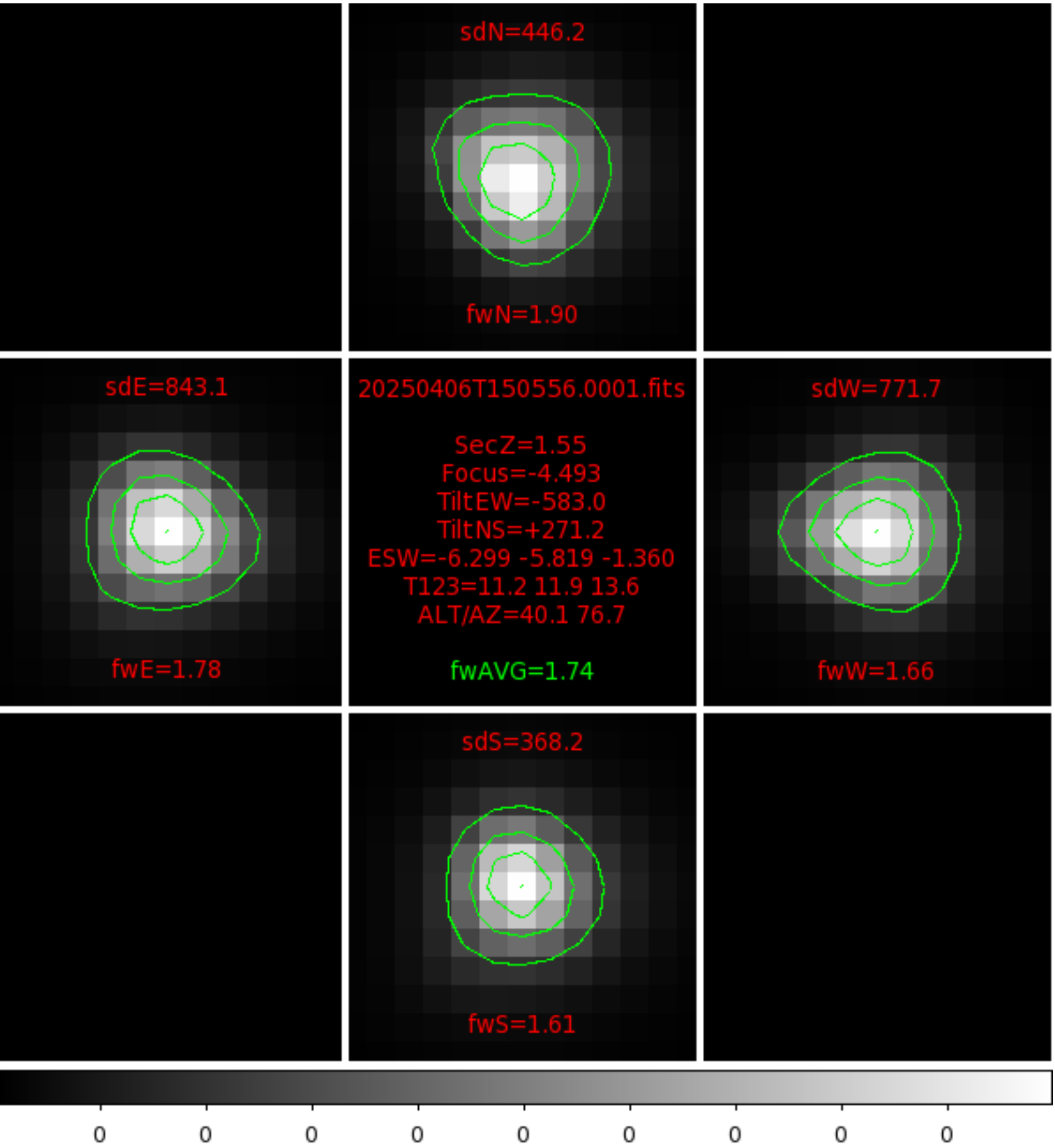
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Focus=-4.493
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.2 11.9 13.6
ALT/AZ=40.1 76.7
fwAVG=1.74
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sdS=368.2
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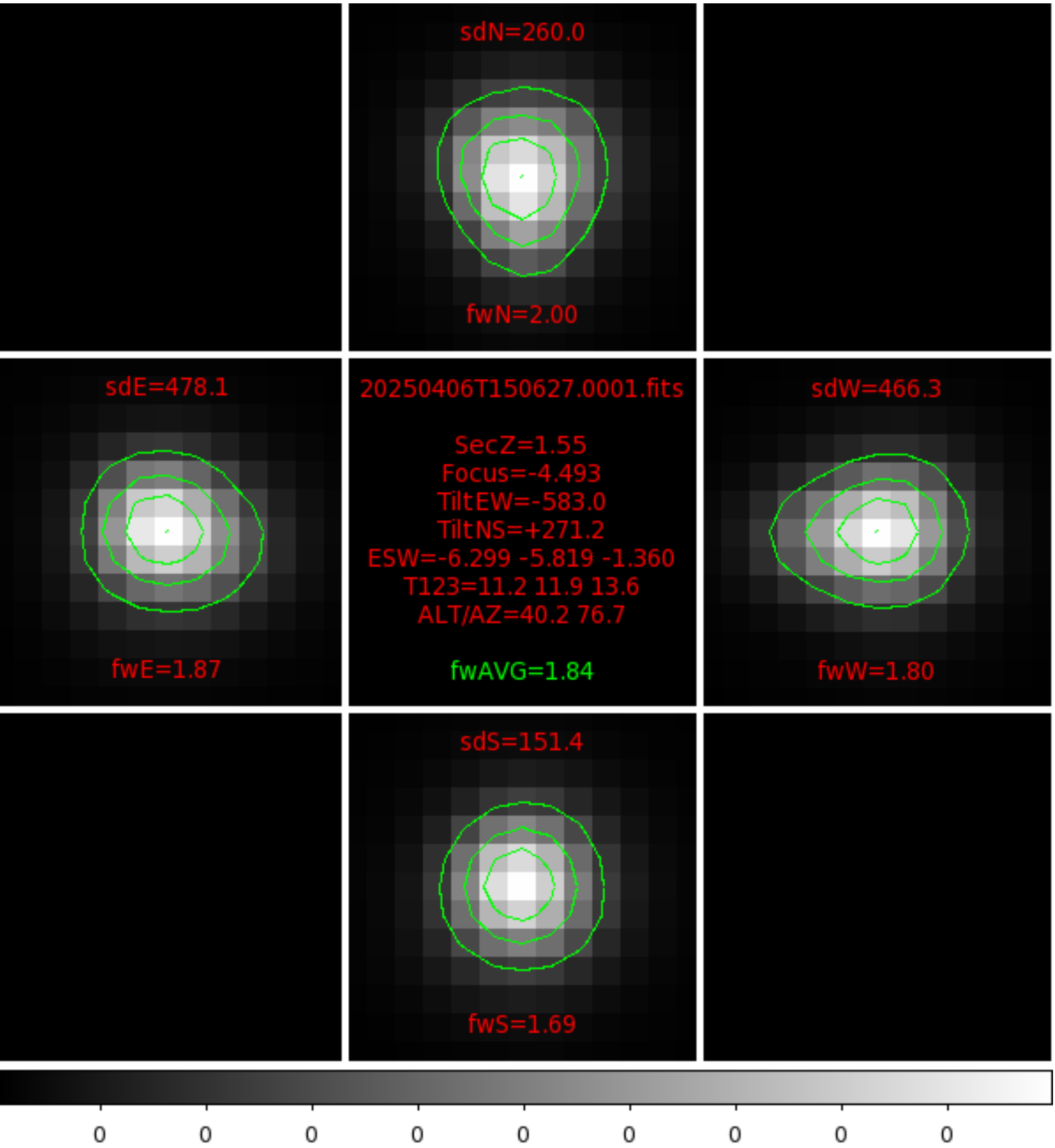
sdN=260.0
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sdE=478.1
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.2 11.9 13.6
ALT/AZ=40.2 76.7
fwAVG=1.84
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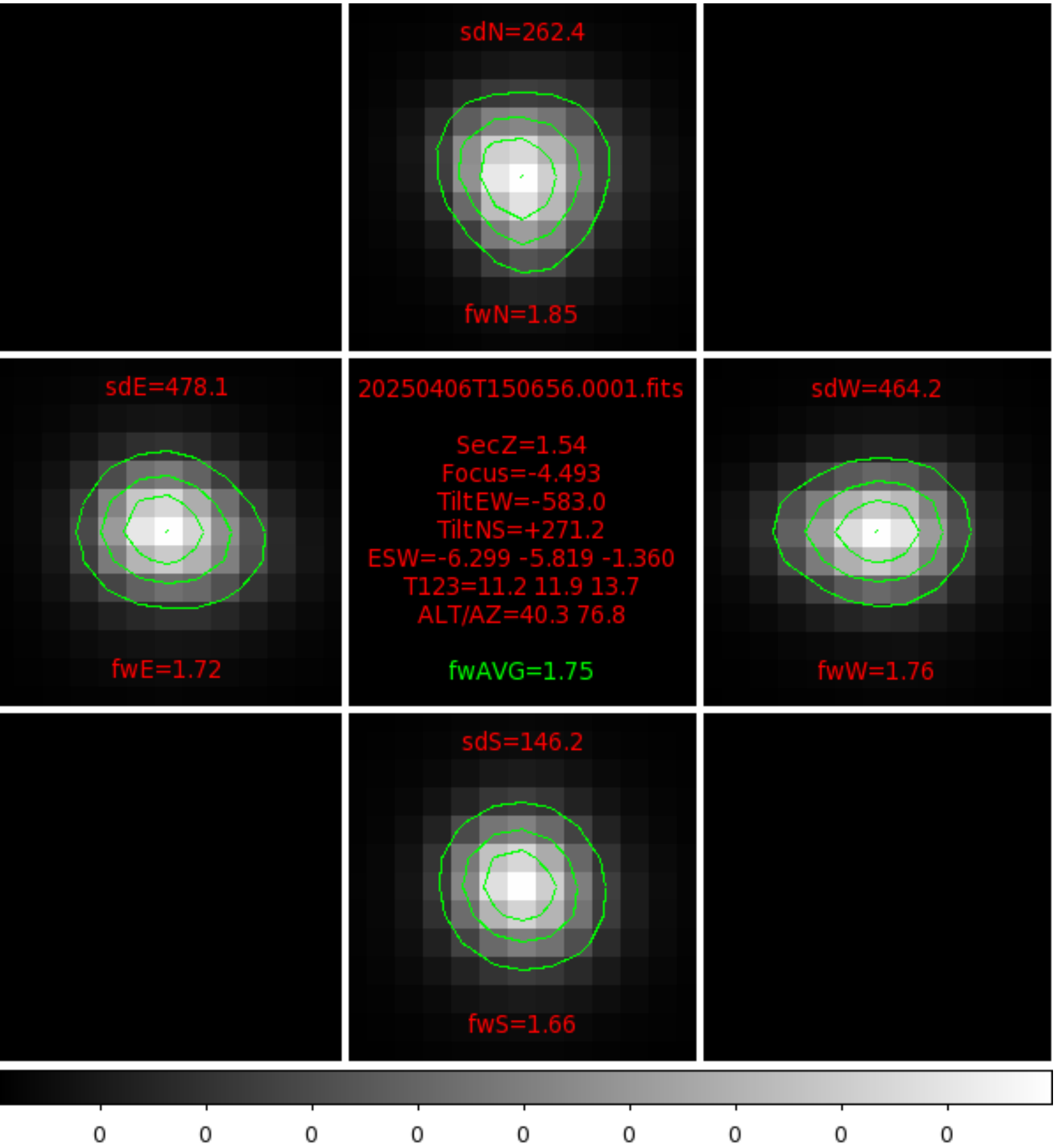
sdN=262.4
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sdE=478.1
fwE=1.72
20250406T150656.0001.fits
SecZ=1.54
Focus=-4.493
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.2 11.9 13.7
ALT/AZ=40.3 76.8
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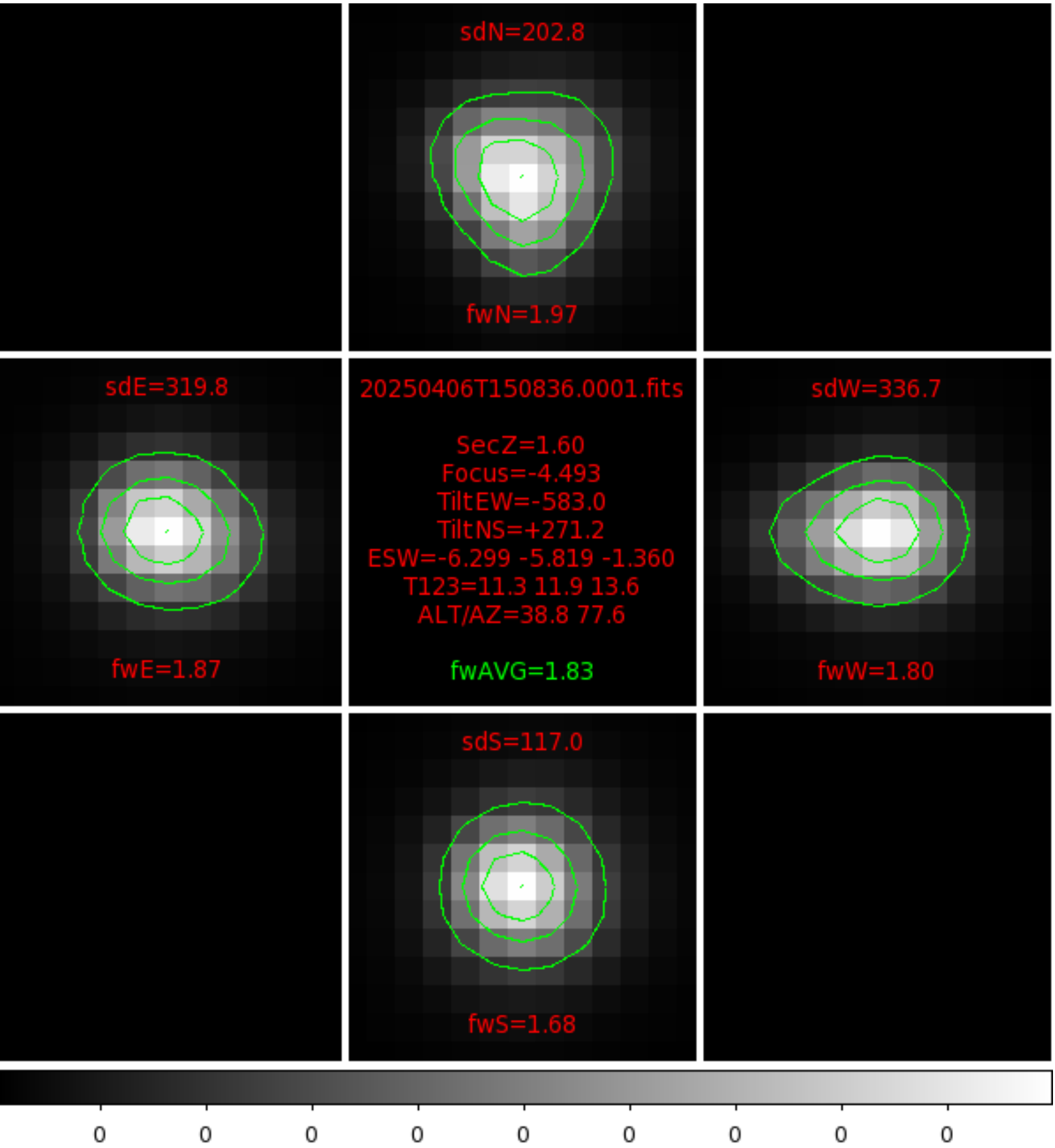
sdN=202.8
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sdE=319.8
fwE=1.87
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SecZ=1.60
Focus=-4.493
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TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.3 11.9 13.6
ALT/AZ=38.8 77.6
fwAVG=1.83
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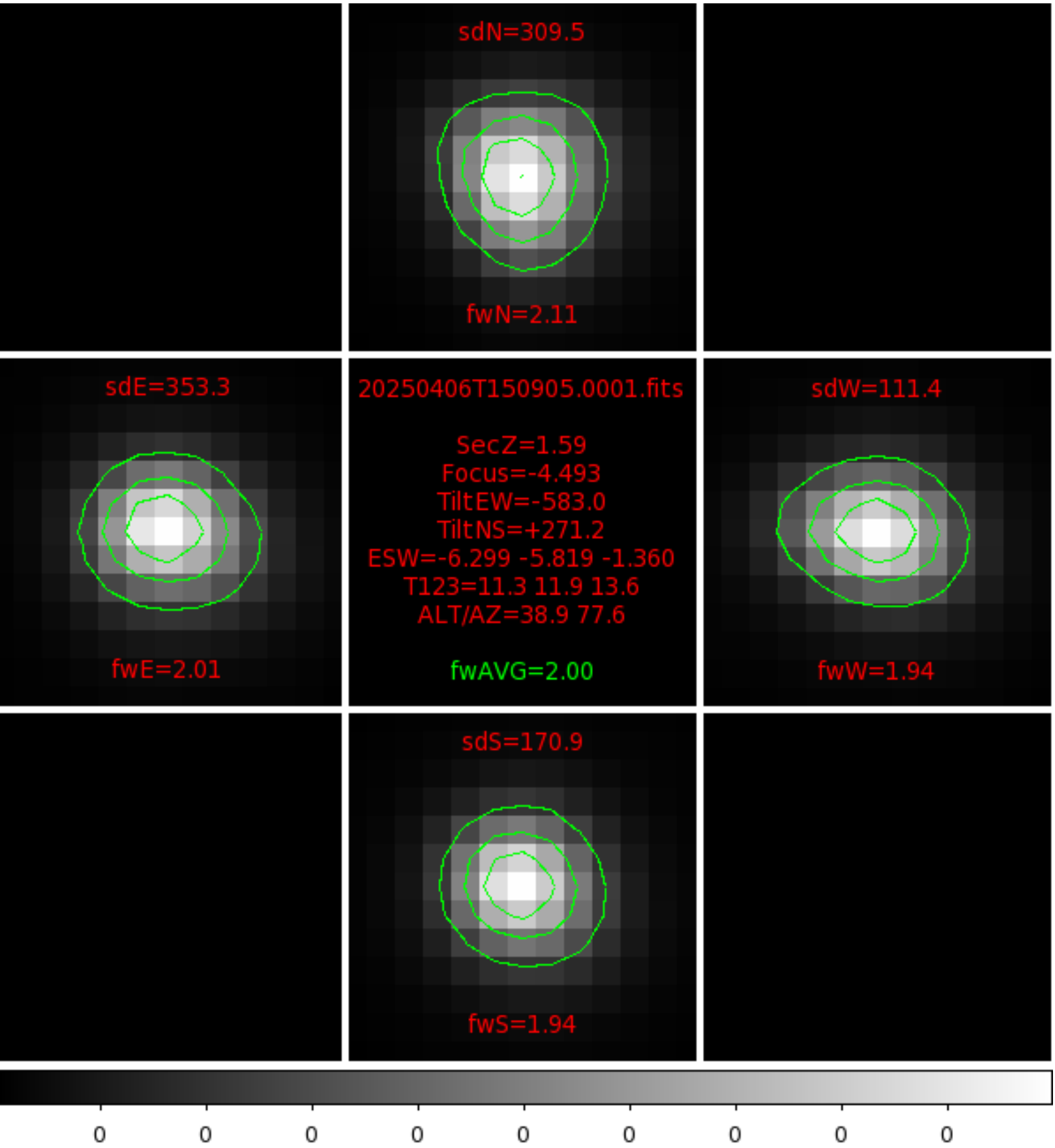
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SecZ=1.59
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.3 11.9 13.6
ALT/AZ=38.9 77.6
fwAVG=2.00
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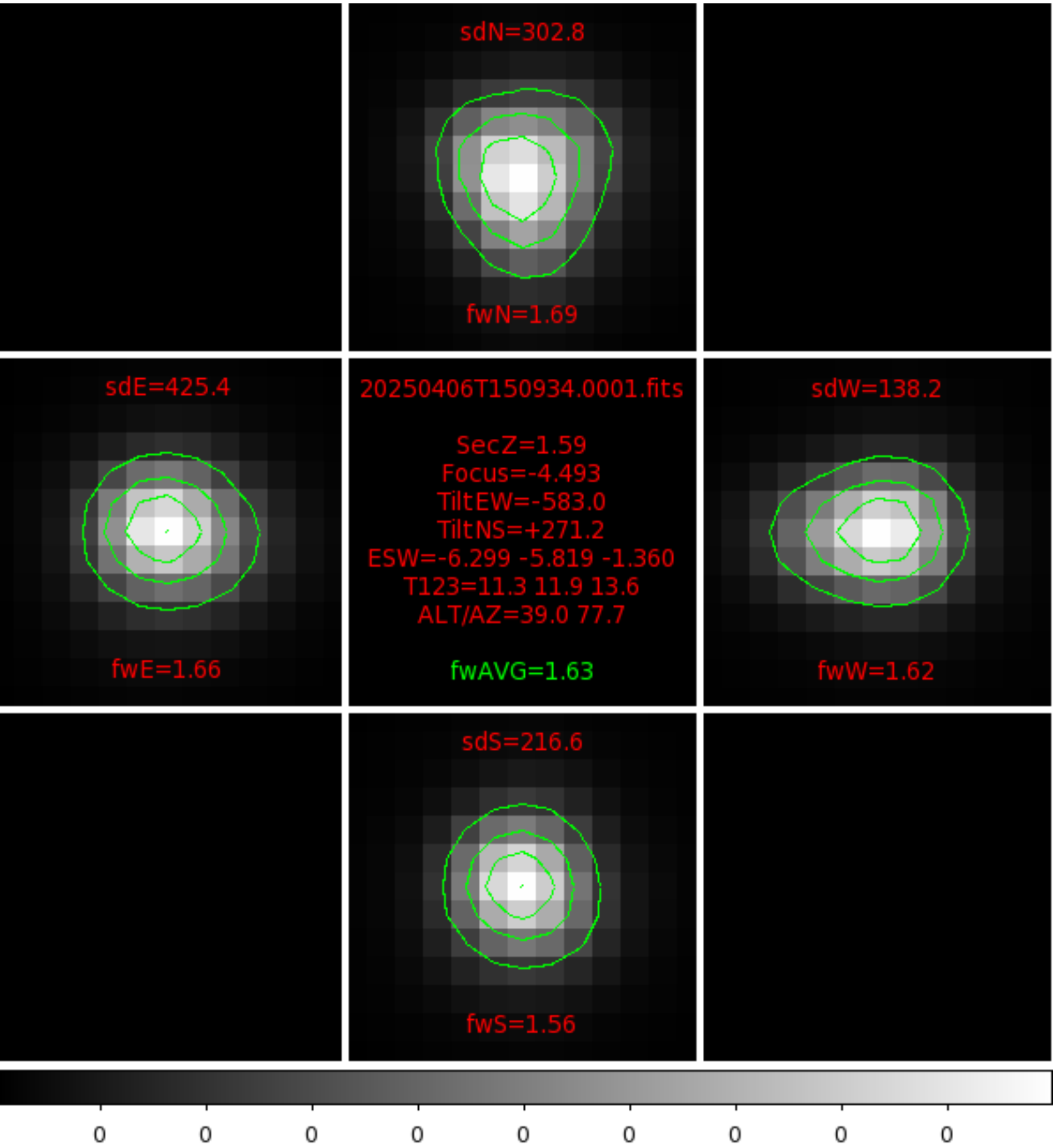
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20250406T150934.0001.fits
SecZ=1.59
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.3 11.9 13.6
ALT/AZ=39.0 77.7
fwAVG=1.63
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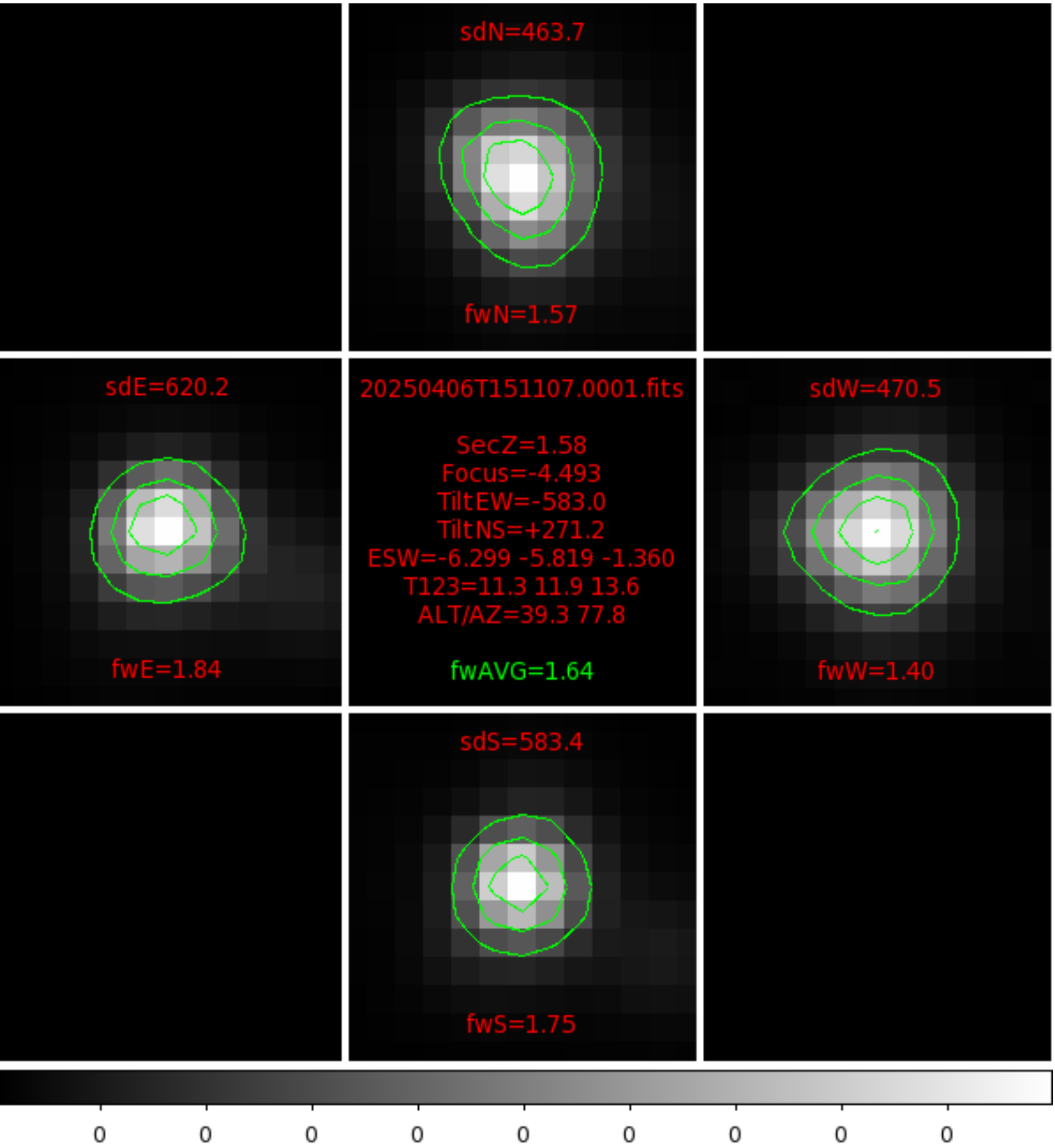
sdN=463.7
fwN=1.57
sdE=620.2
fwE=1.84
20250406T151107.0001.fits
SecZ=1.58
Focus=-4.493
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.3 11.9 13.6
ALT/AZ=39.3 77.8
fwAVG=1.64
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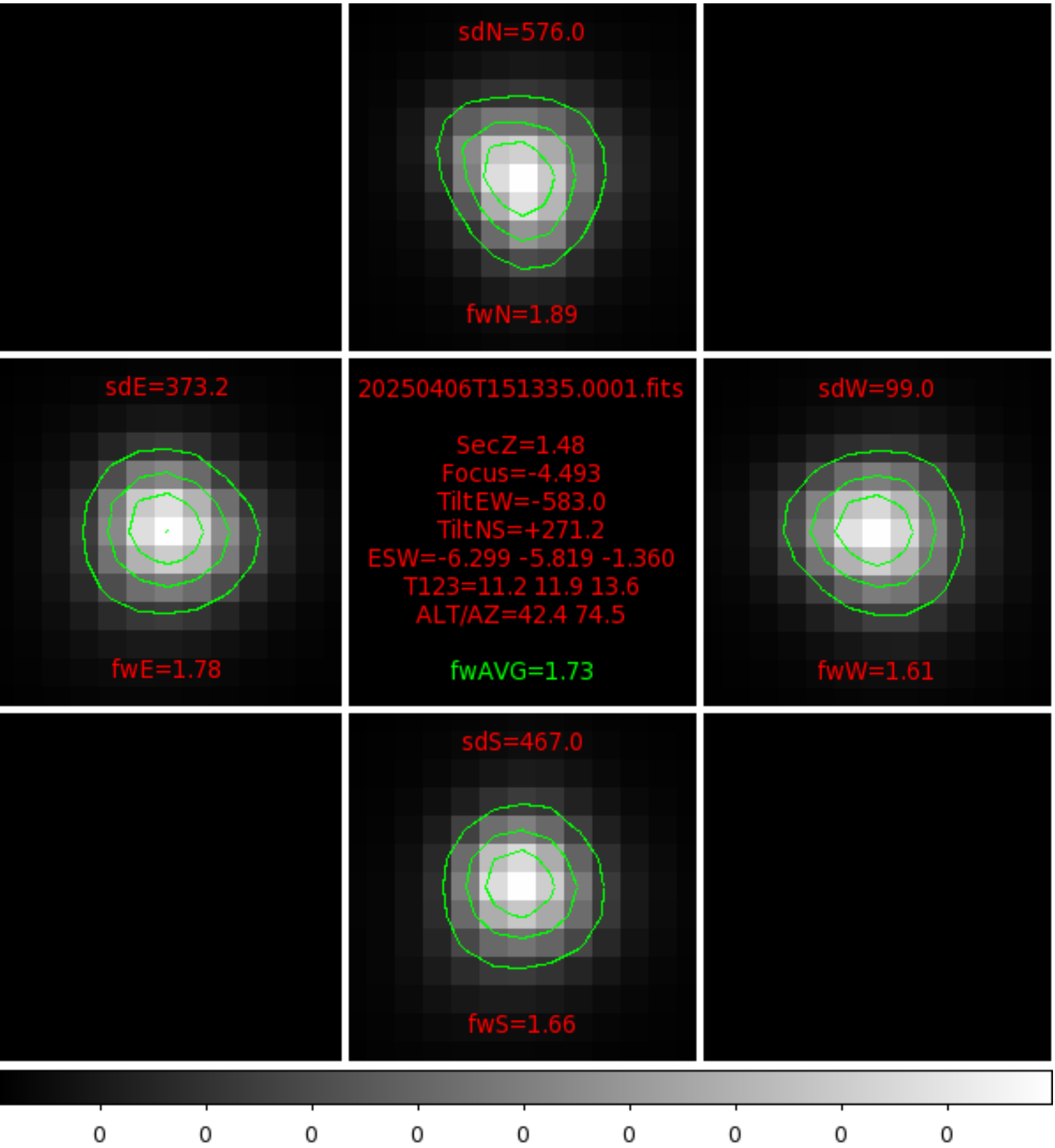
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sdE=373.2
fwE=1.78
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SecZ=1.48
Focus=-4.493
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TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.2 11.9 13.6
ALT/AZ=42.4 74.5
fwAVG=1.73
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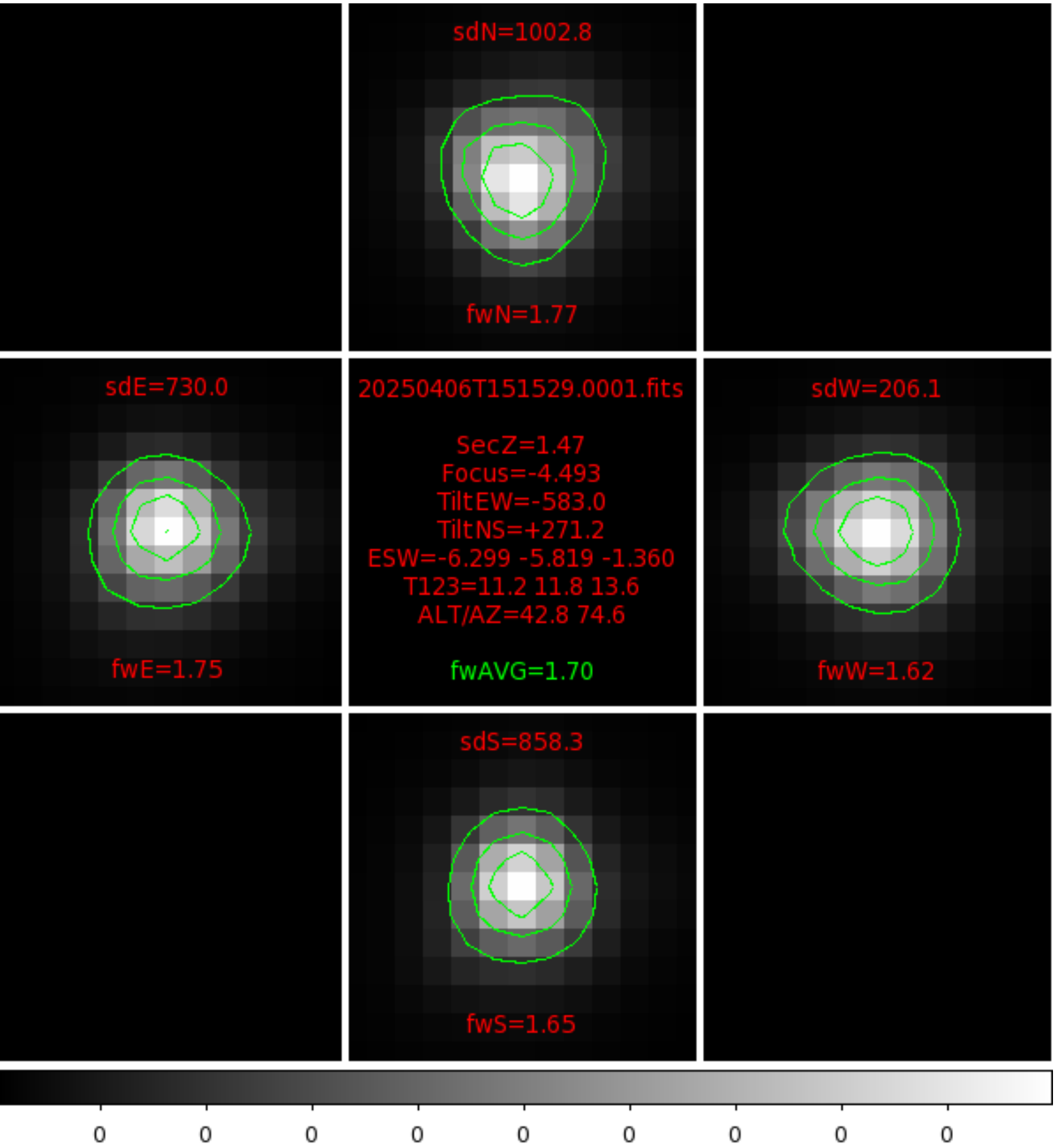
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fwE=1.75
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SecZ=1.47
Focus=-4.493
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.2 11.8 13.6
ALT/AZ=42.8 74.6
fwAVG=1.70
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sdS=858.3
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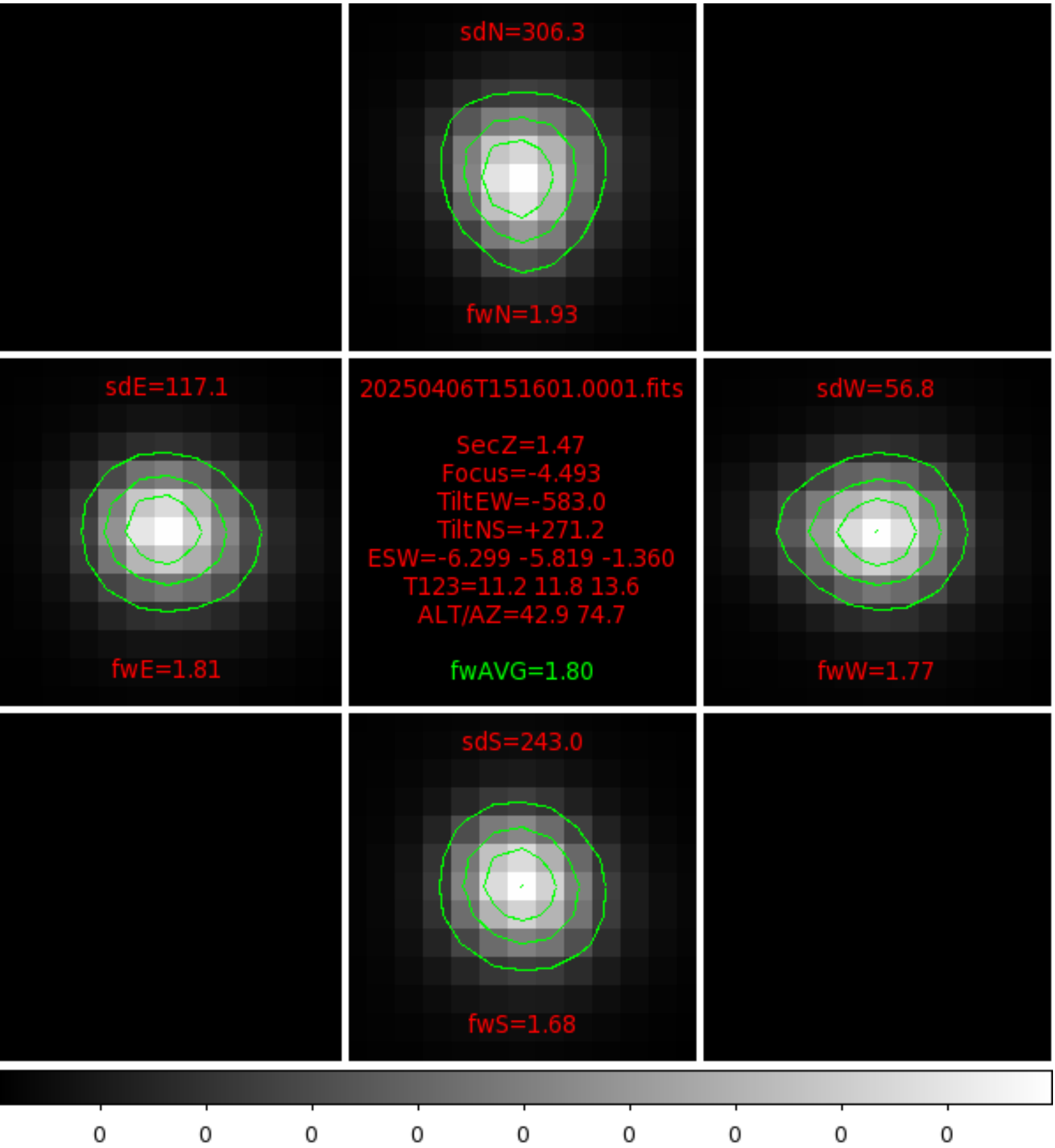
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sdE=117.1
fwE=1.81
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SecZ=1.47
Focus=-4.493
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.2 11.8 13.6
ALT/AZ=42.9 74.7
fwAVG=1.80
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sdS=243.0
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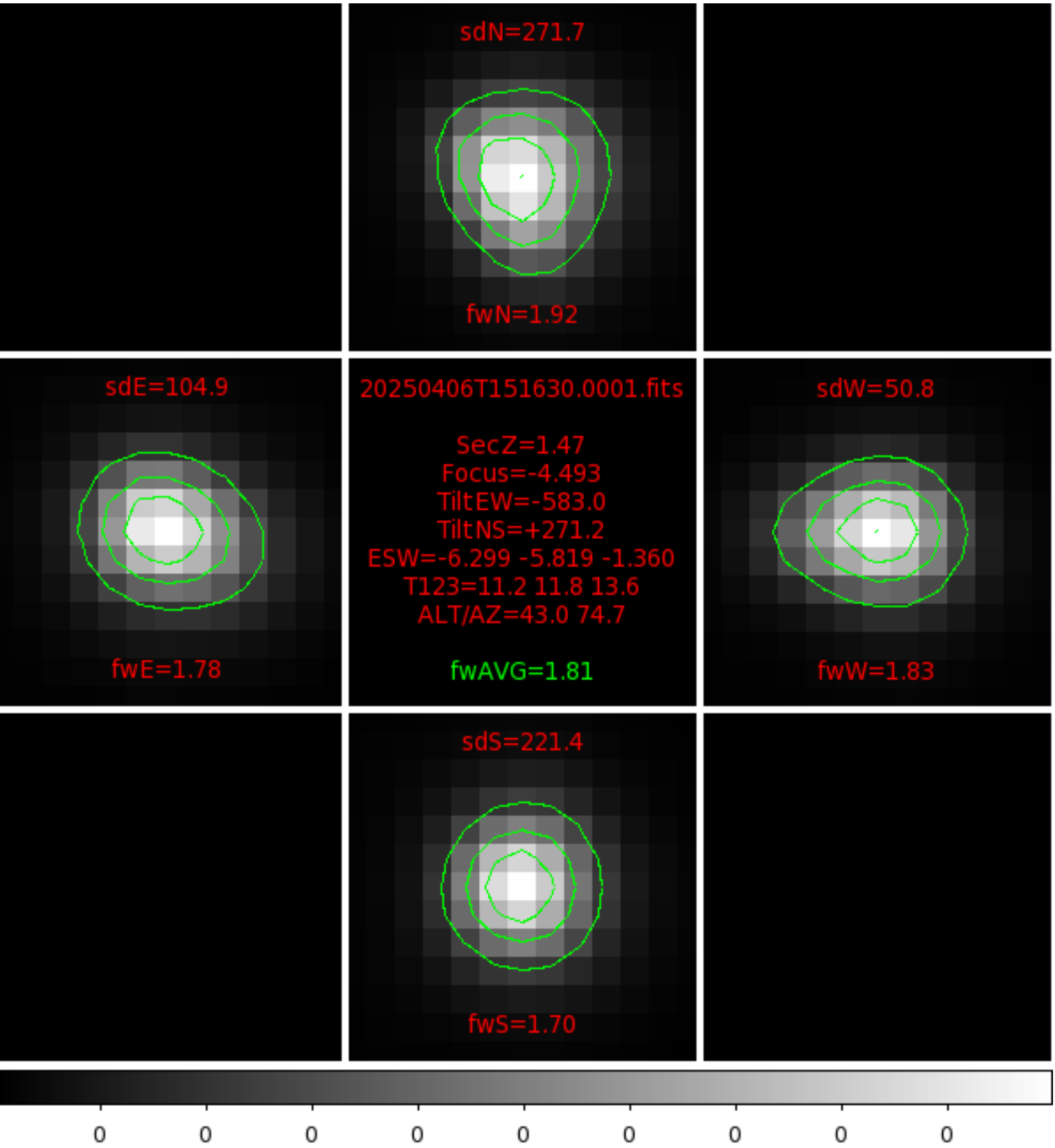
sdN=271.7
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SecZ=1.47
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TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.2 11.8 13.6
ALT/AZ=43.0 74.7
fwAVG=1.81
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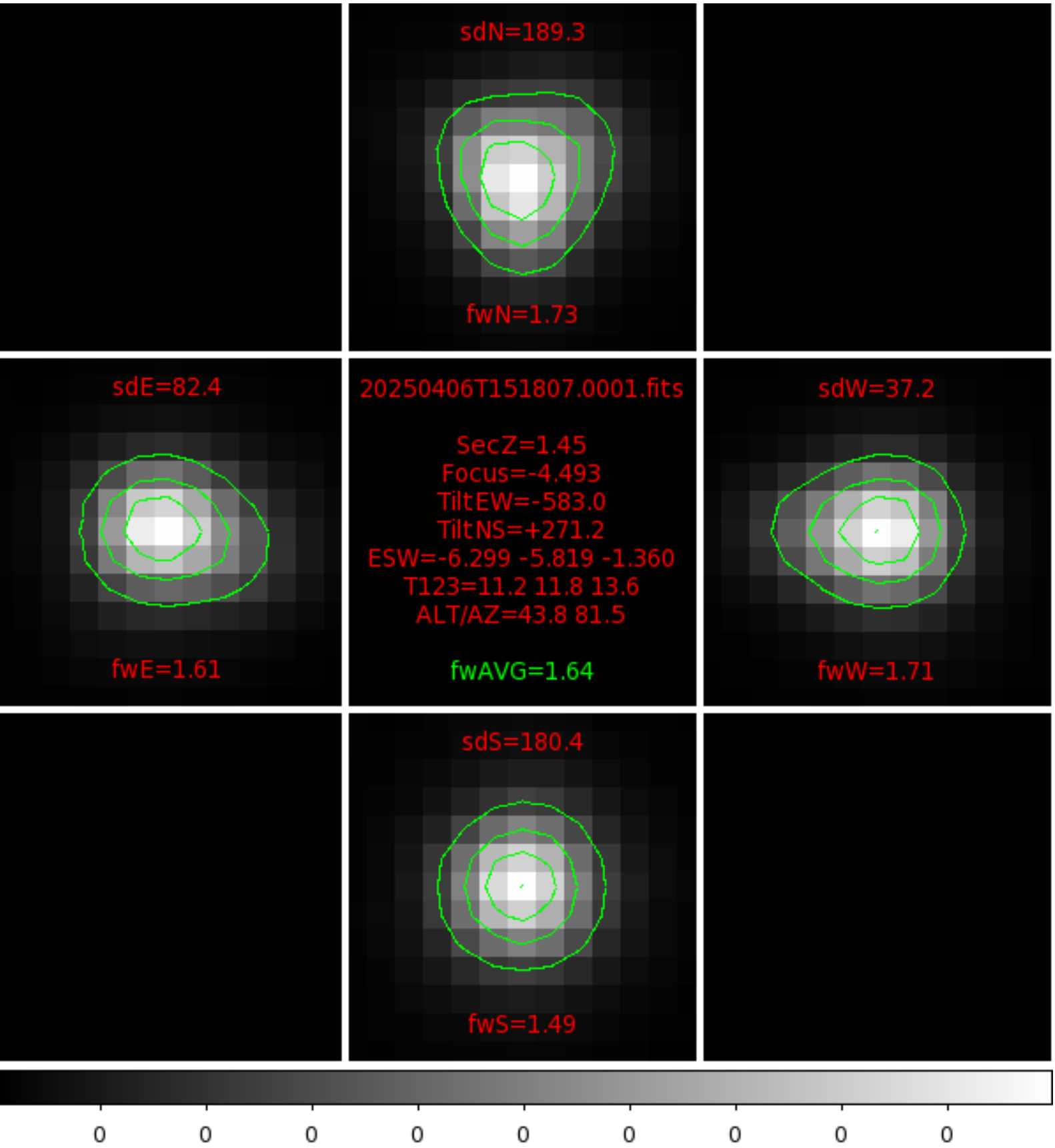
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TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.2 11.8 13.6
ALT/AZ=43.8 81.5
fwAVG=1.64
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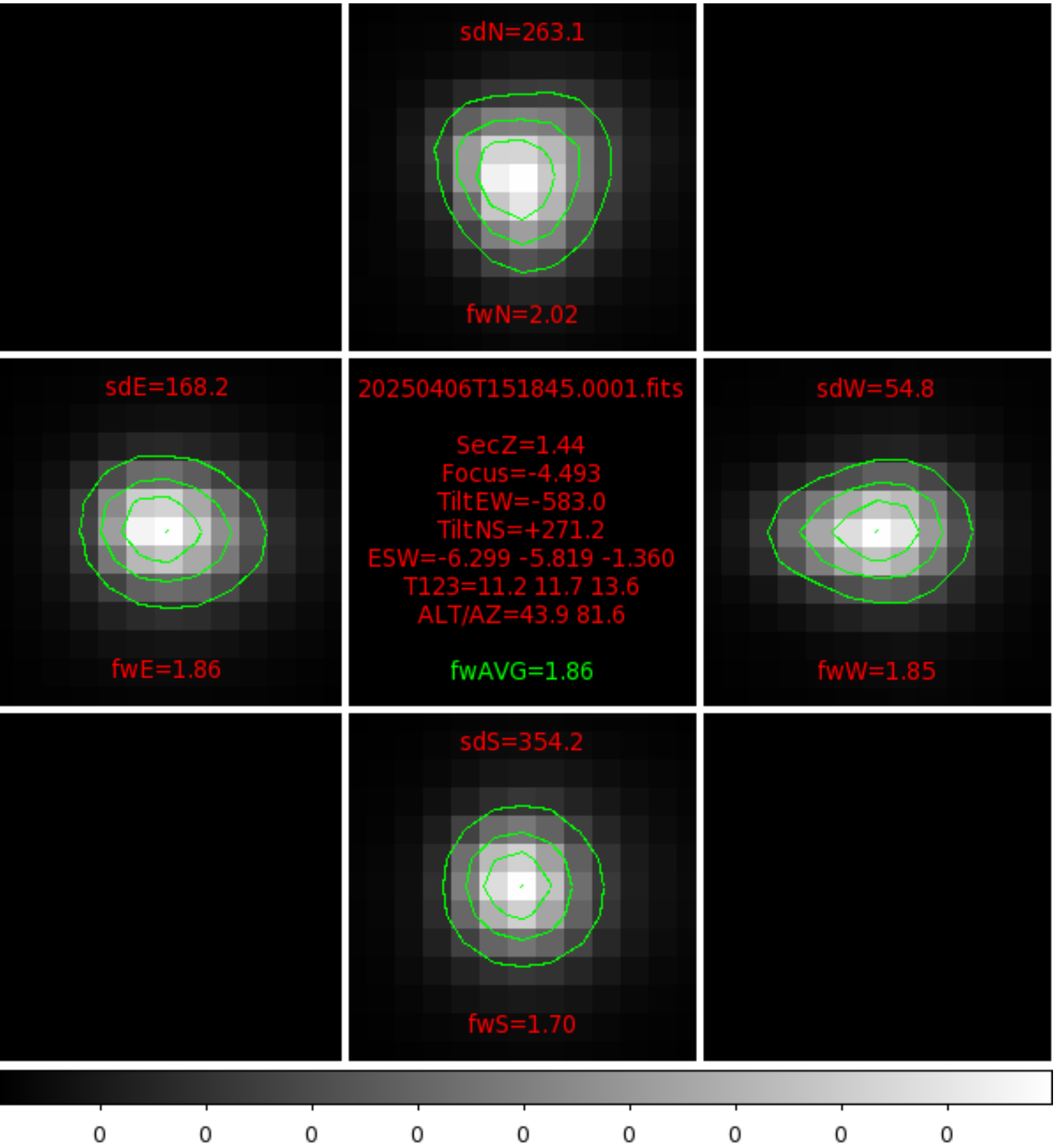
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TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.2 11.7 13.6
ALT/AZ=43.9 81.6
fwAVG=1.86
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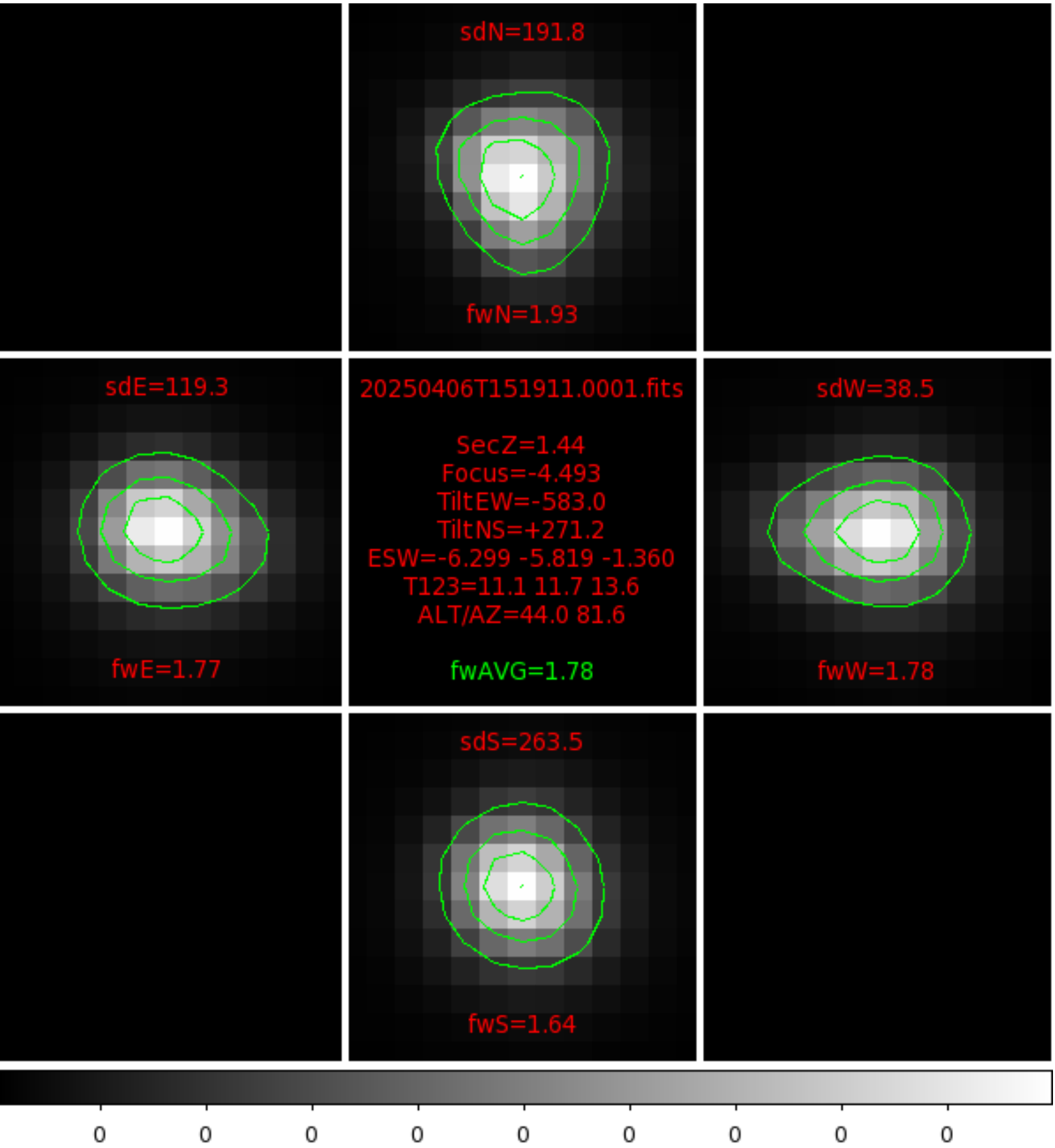
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sdE=119.3
fwE=1.77
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SecZ=1.44
Focus=-4.493
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.299 -5.819 -1.360
T123=11.1 11.7 13.6
ALT/AZ=44.0 81.6
fwAVG=1.78
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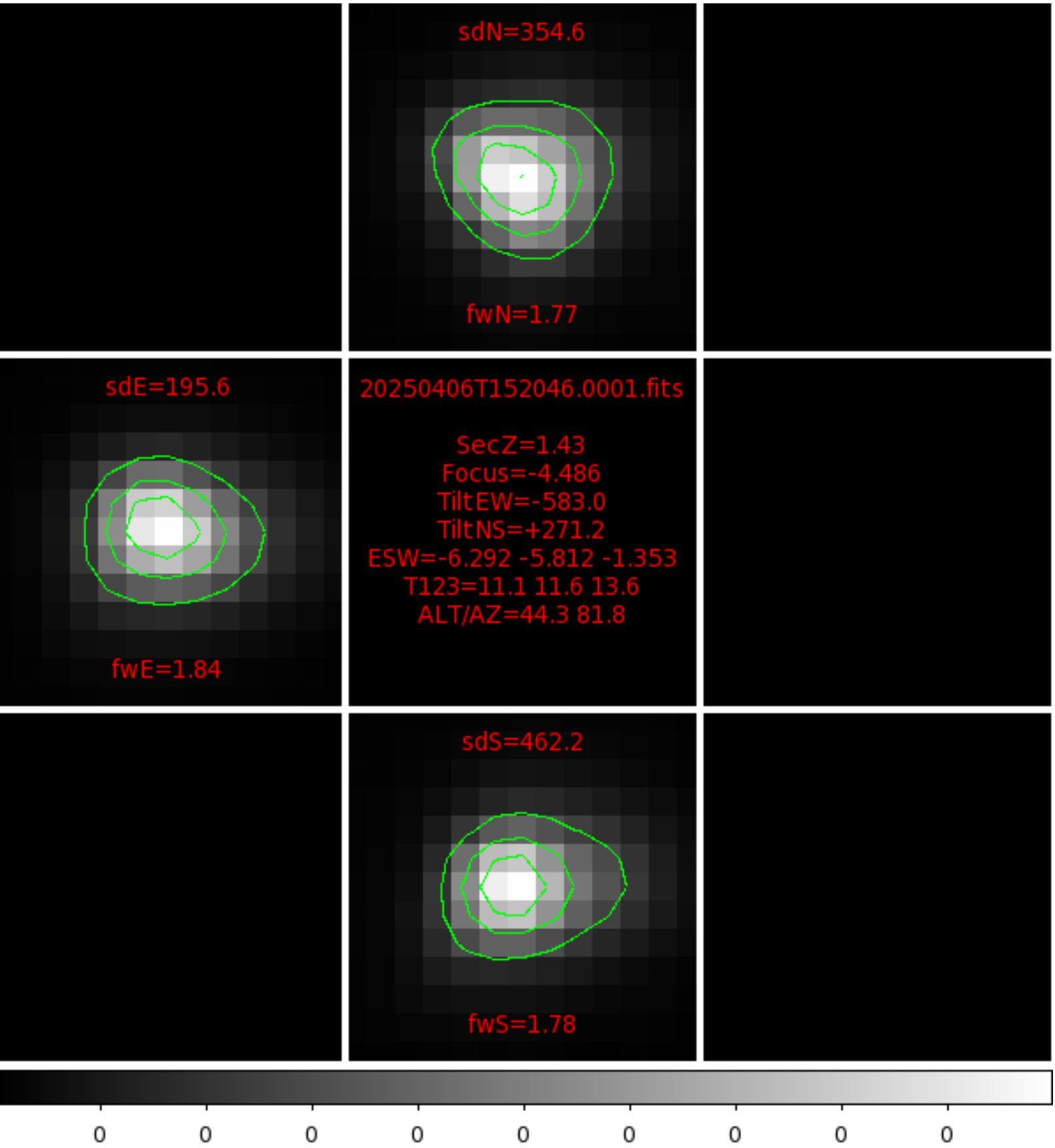
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fwE=1.84
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.292 -5.812 -1.353
T123=11.1 11.6 13.6
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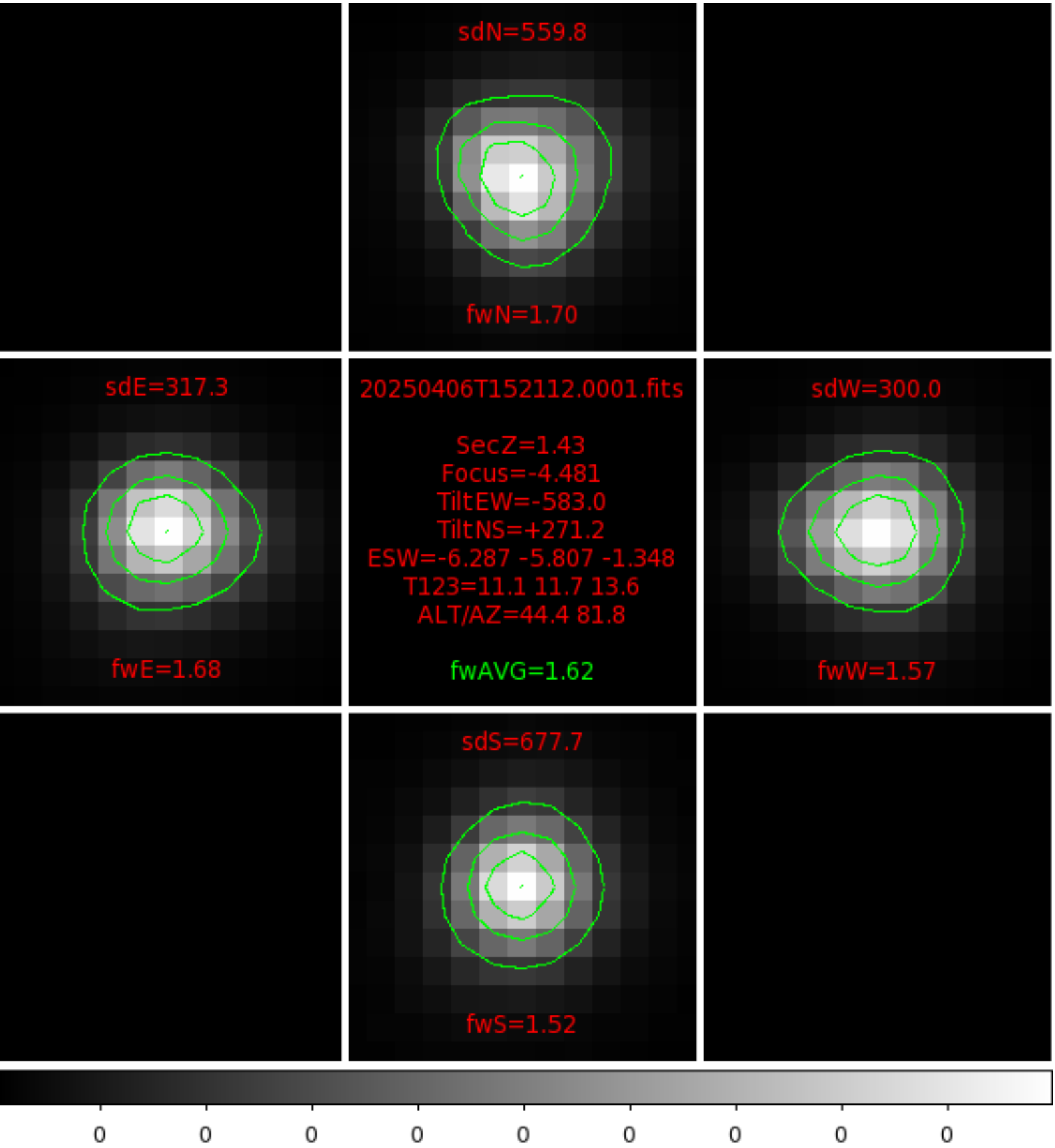
sdN=559.8
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.7 13.6
ALT/AZ=44.4 81.8
fwAVG=1.62
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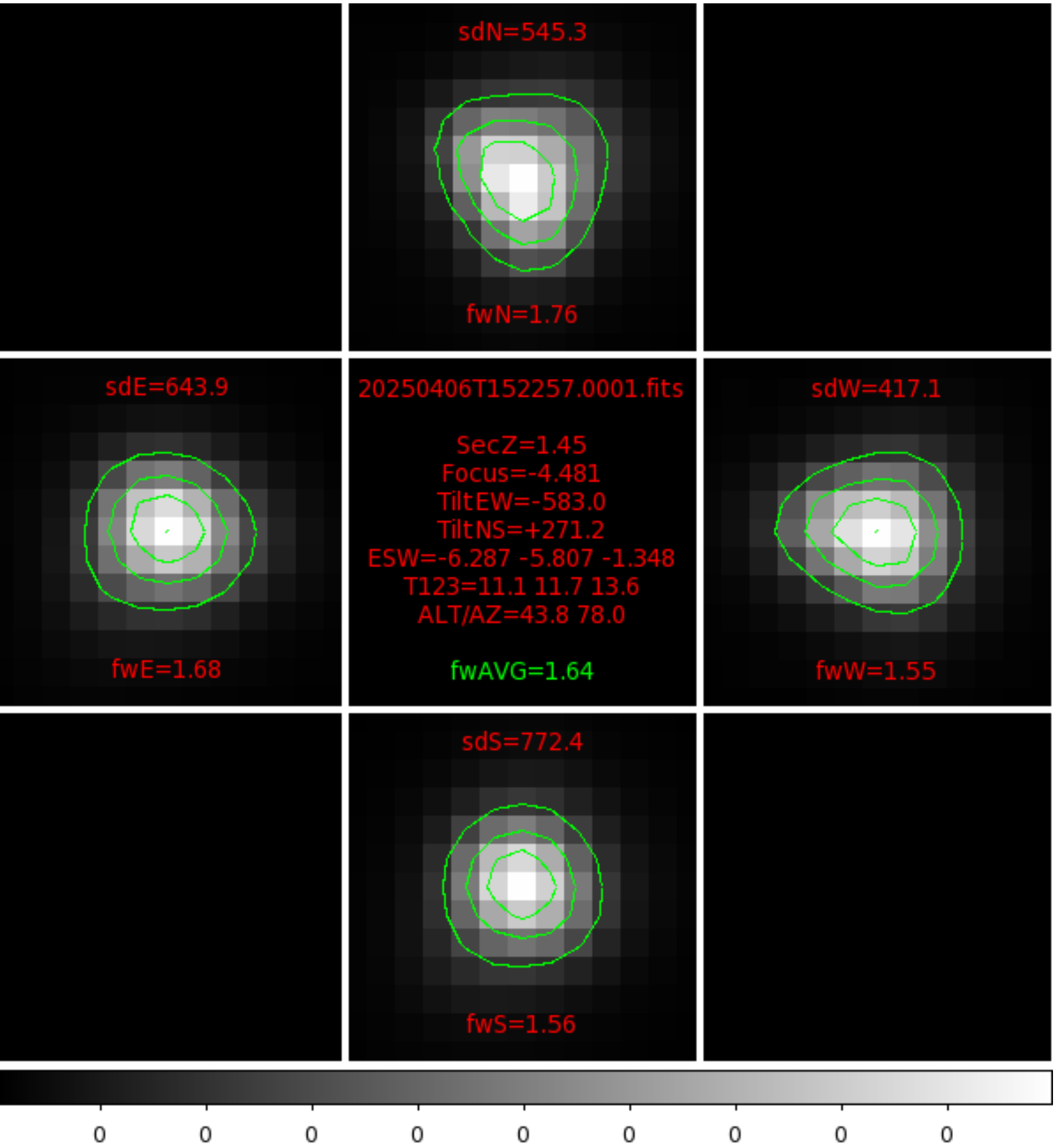
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sdE=643.9
fwE=1.68
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SecZ=1.45
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.7 13.6
ALT/AZ=43.8 78.0
fwAVG=1.64
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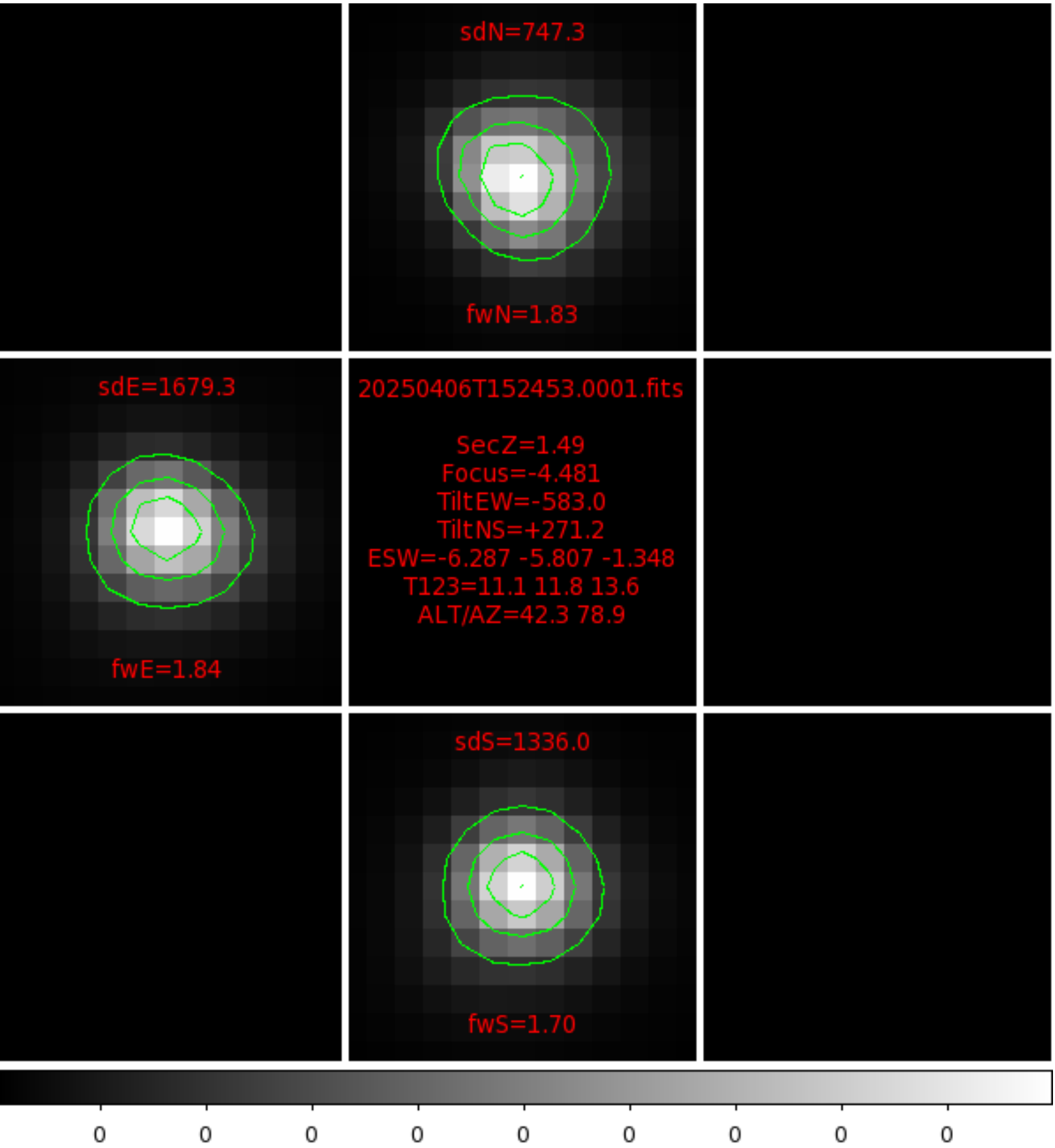
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Focus=-4.481
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TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.8 13.6
ALT/AZ=42.3 78.9
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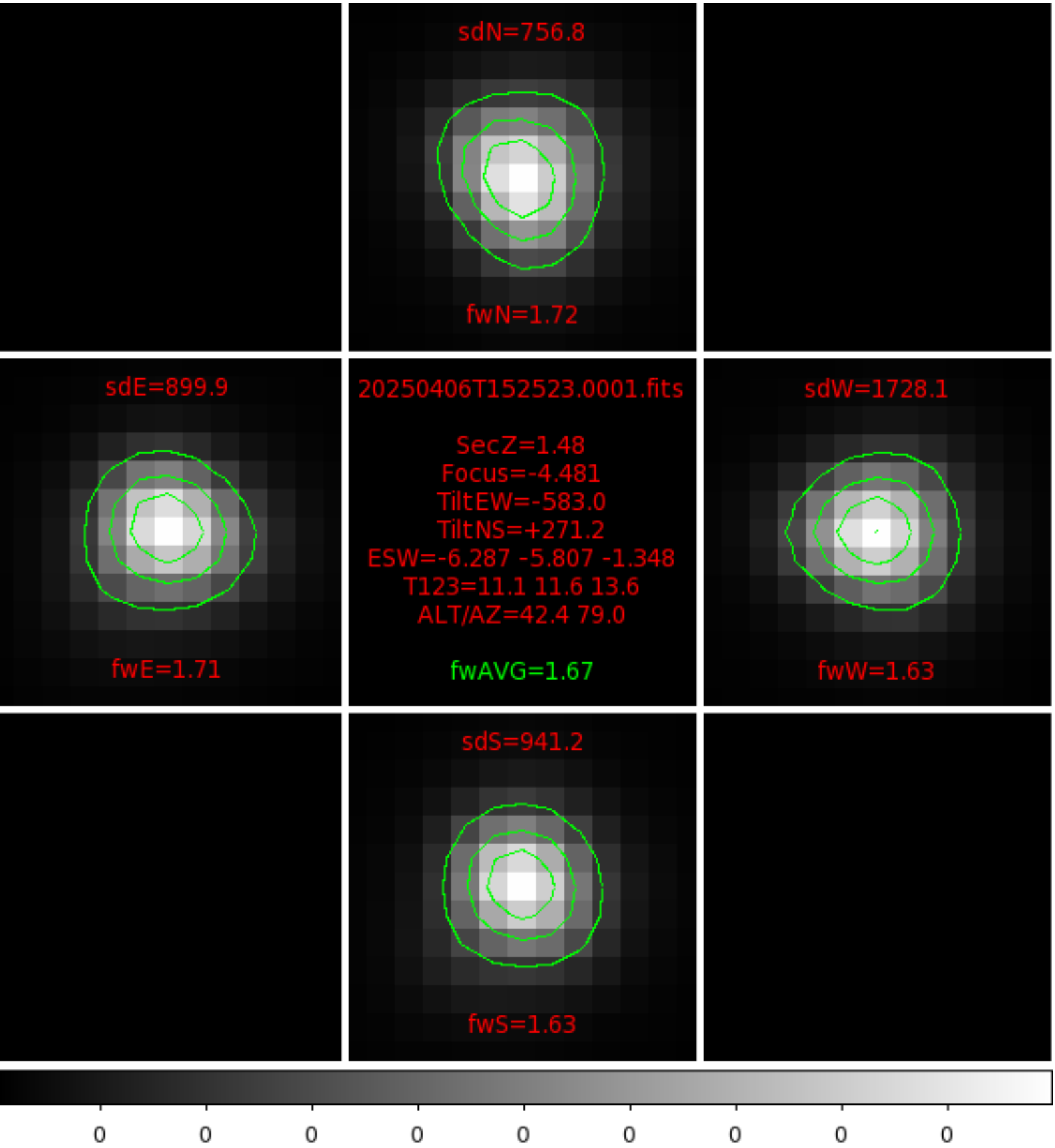
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sdE=899.9
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SecZ=1.48
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.6 13.6
ALT/AZ=42.4 79.0
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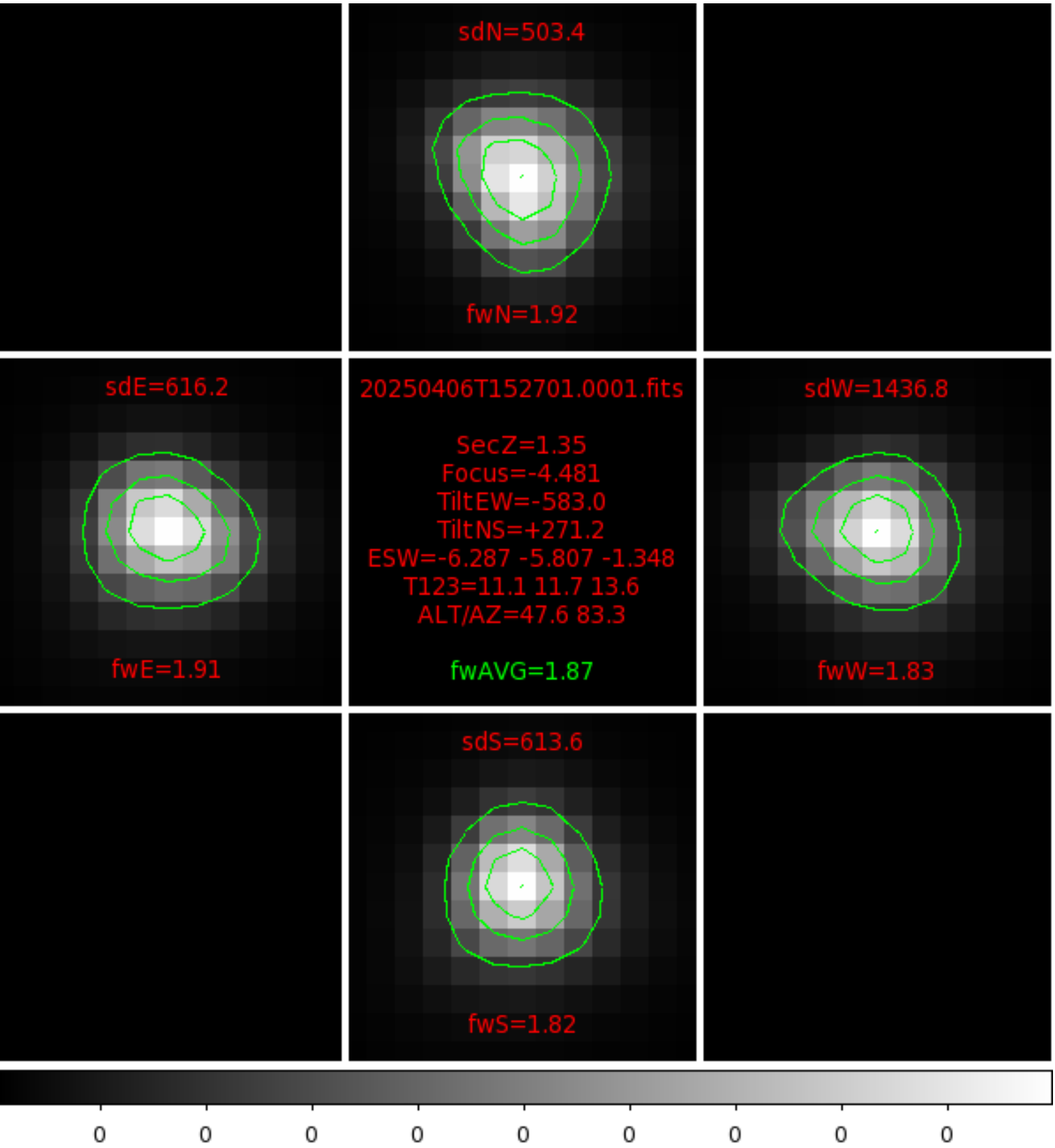
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sdE=616.2
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SecZ=1.35
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.7 13.6
ALT/AZ=47.6 83.3
fwAVG=1.87
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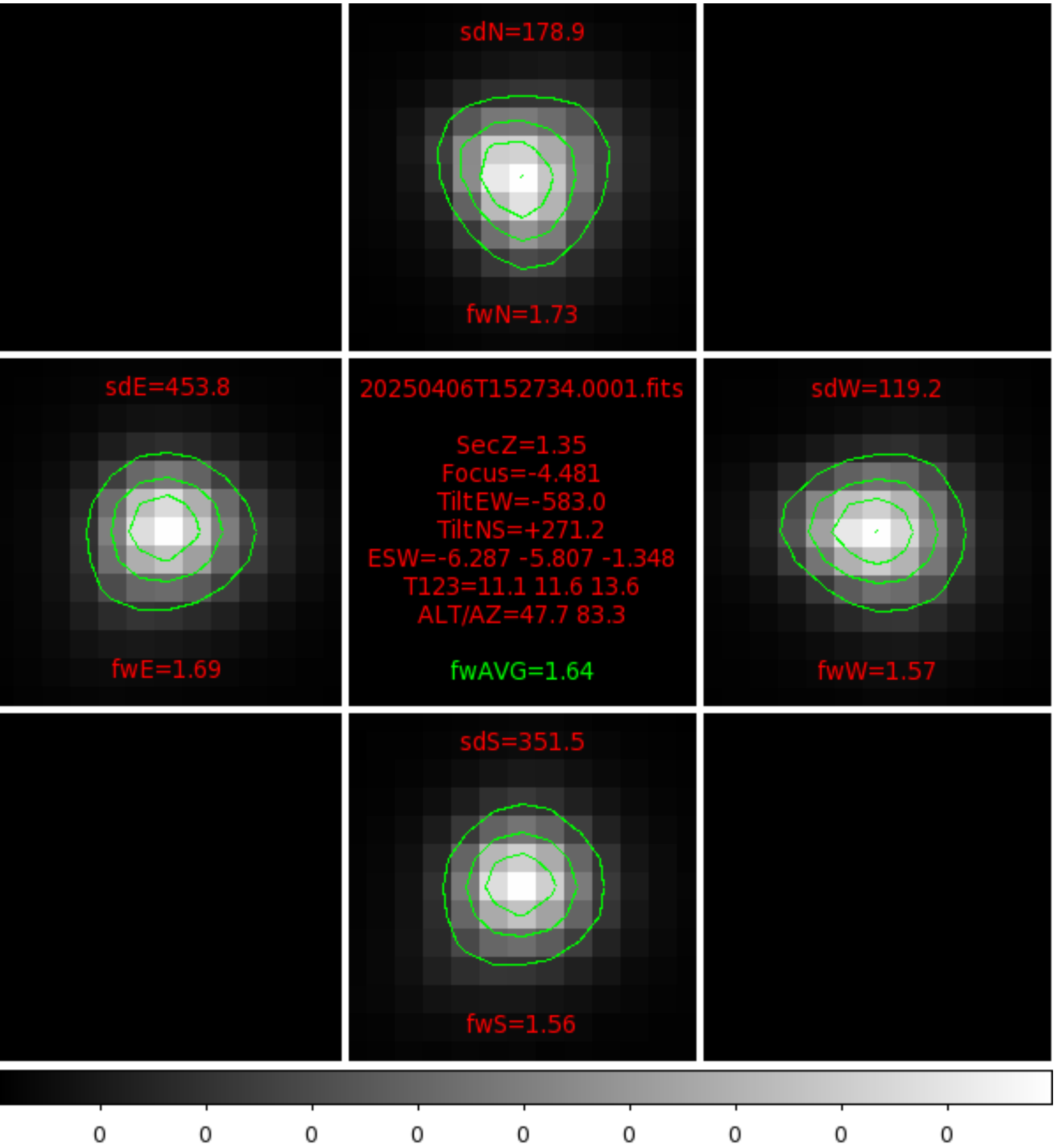
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.6 13.6
ALT/AZ=47.7 83.3
fwAVG=1.64
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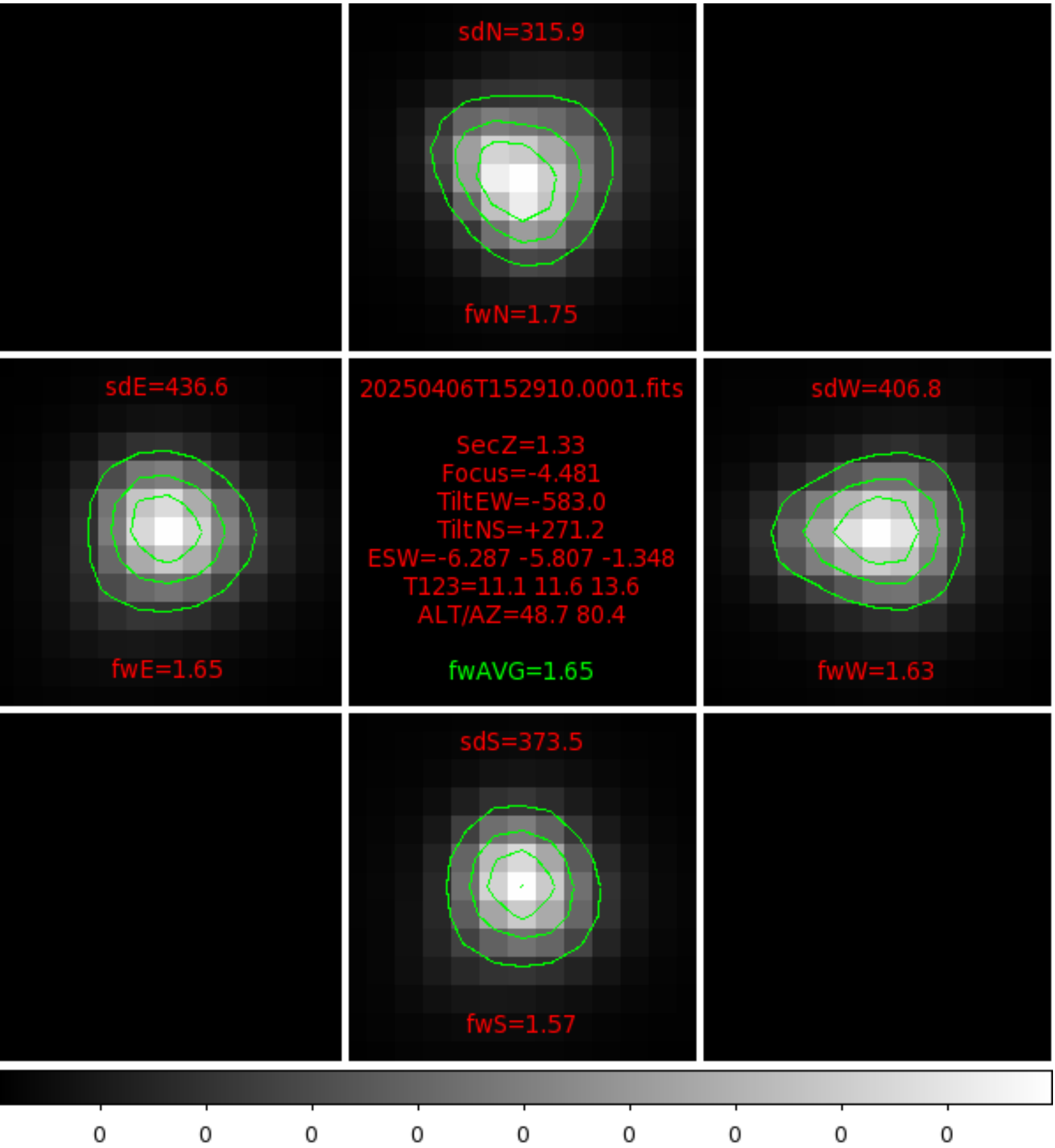
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SecZ=1.33
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.6 13.6
ALT/AZ=48.7 80.4
fwAVG=1.65
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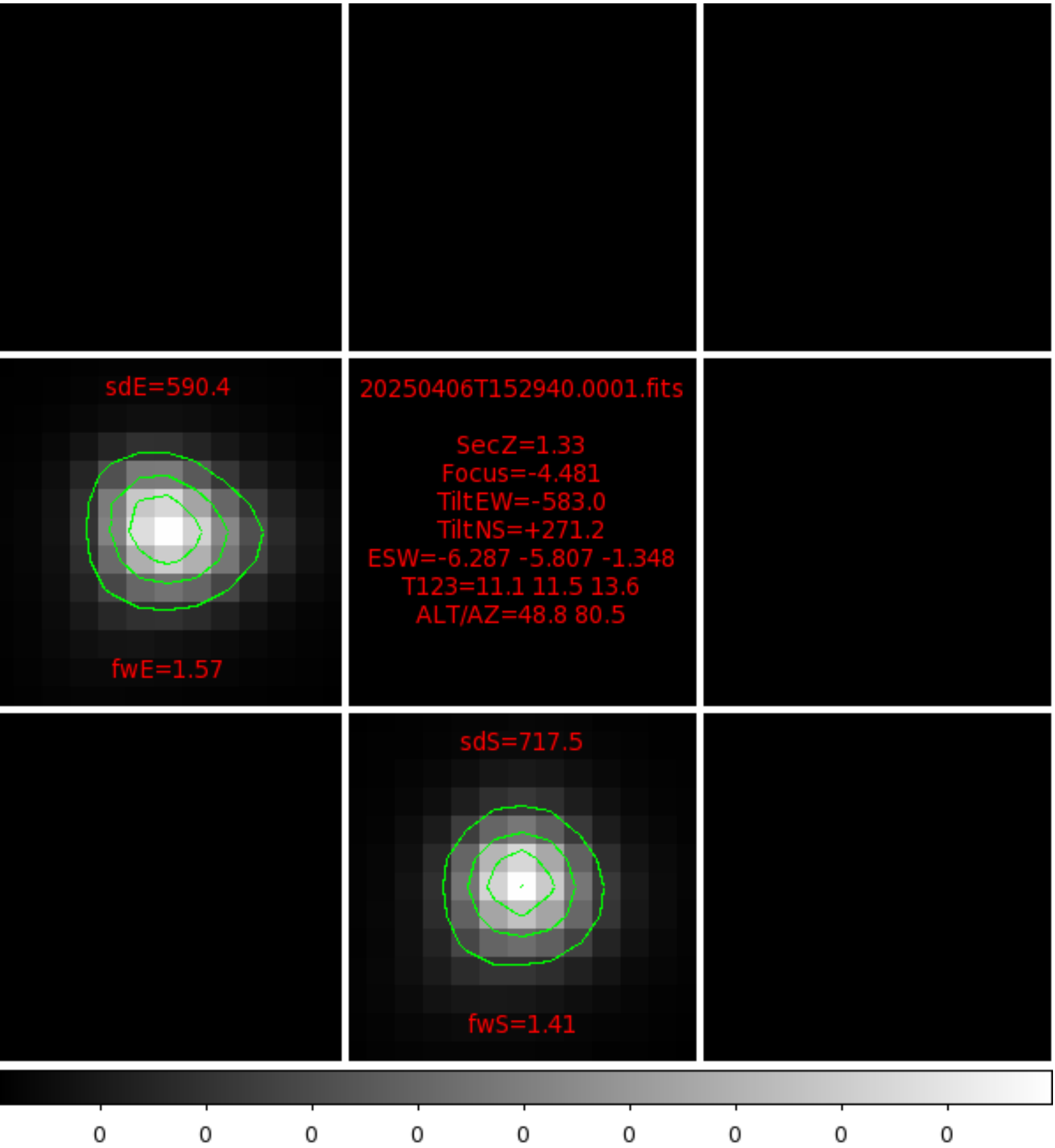
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SecZ=1.33
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.5 13.6
ALT/AZ=48.8 80.5
sdS=717.5
fwS=1.41
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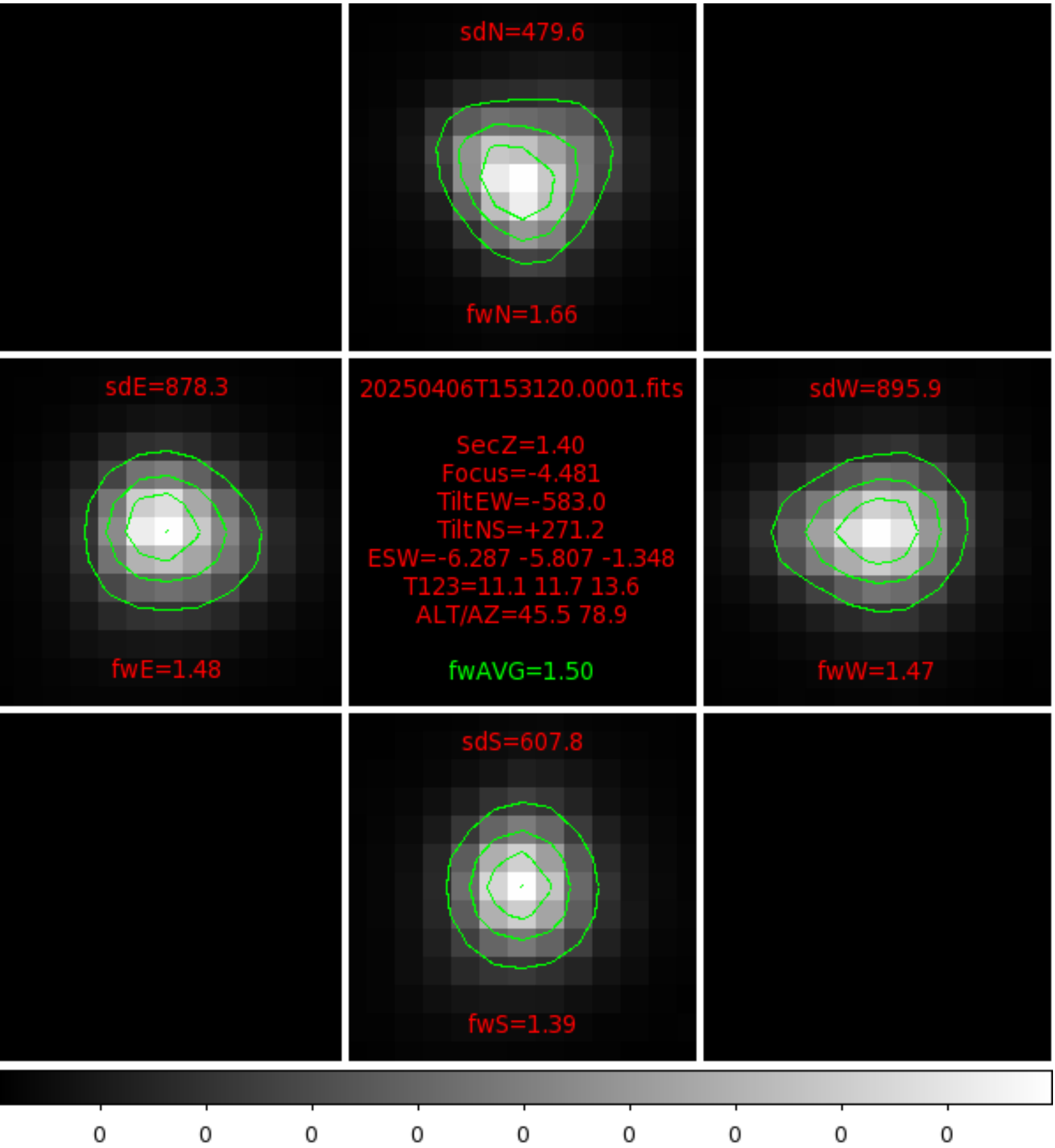
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sdE=878.3
fwE=1.48
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SecZ=1.40
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.7 13.6
ALT/AZ=45.5 78.9
fwAVG=1.50
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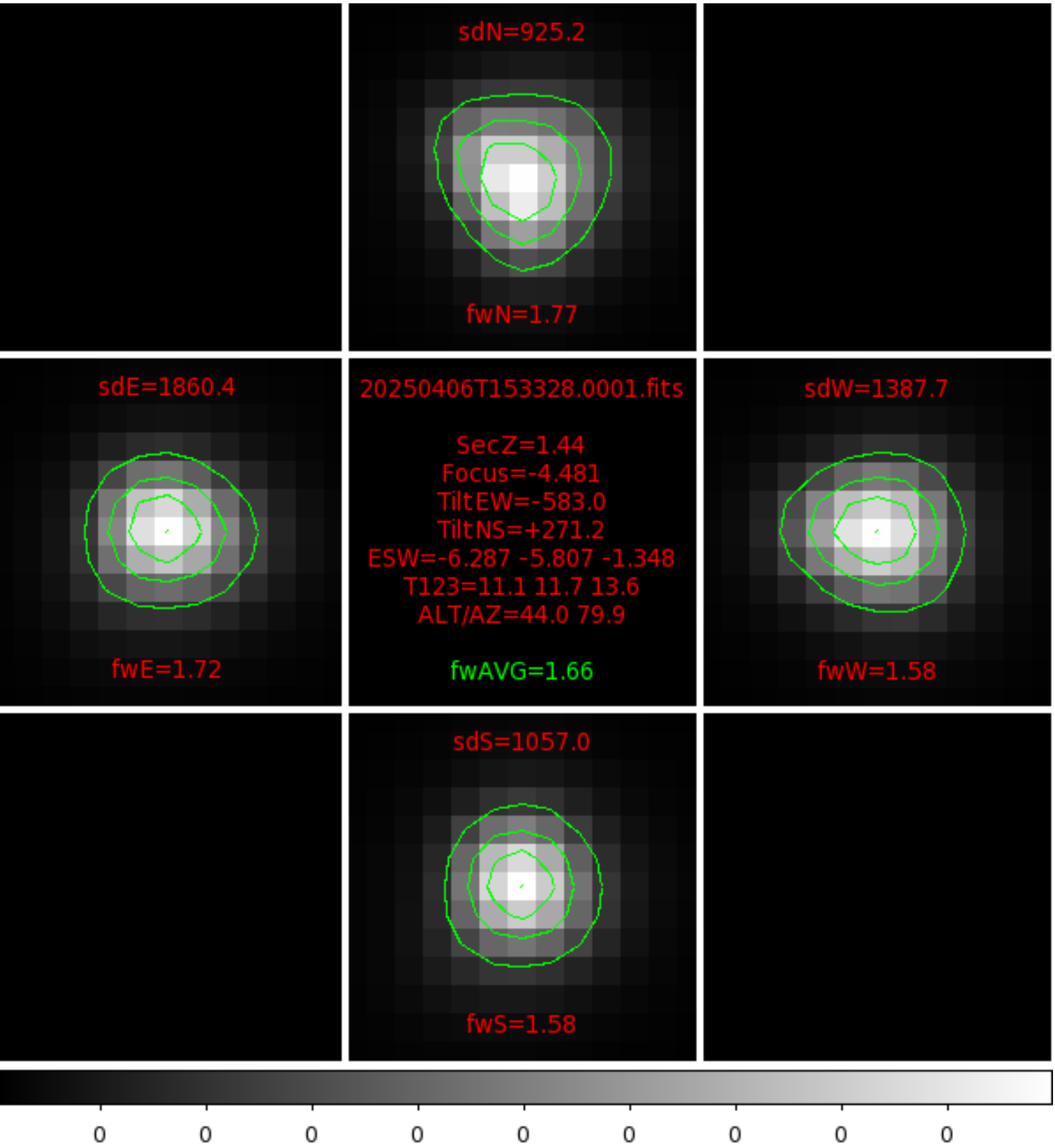
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sdE=1860.4
fwE=1.72
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SecZ=1.44
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.7 13.6
ALT/AZ=44.0 79.9
fwAVG=1.66
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sdS=1057.0
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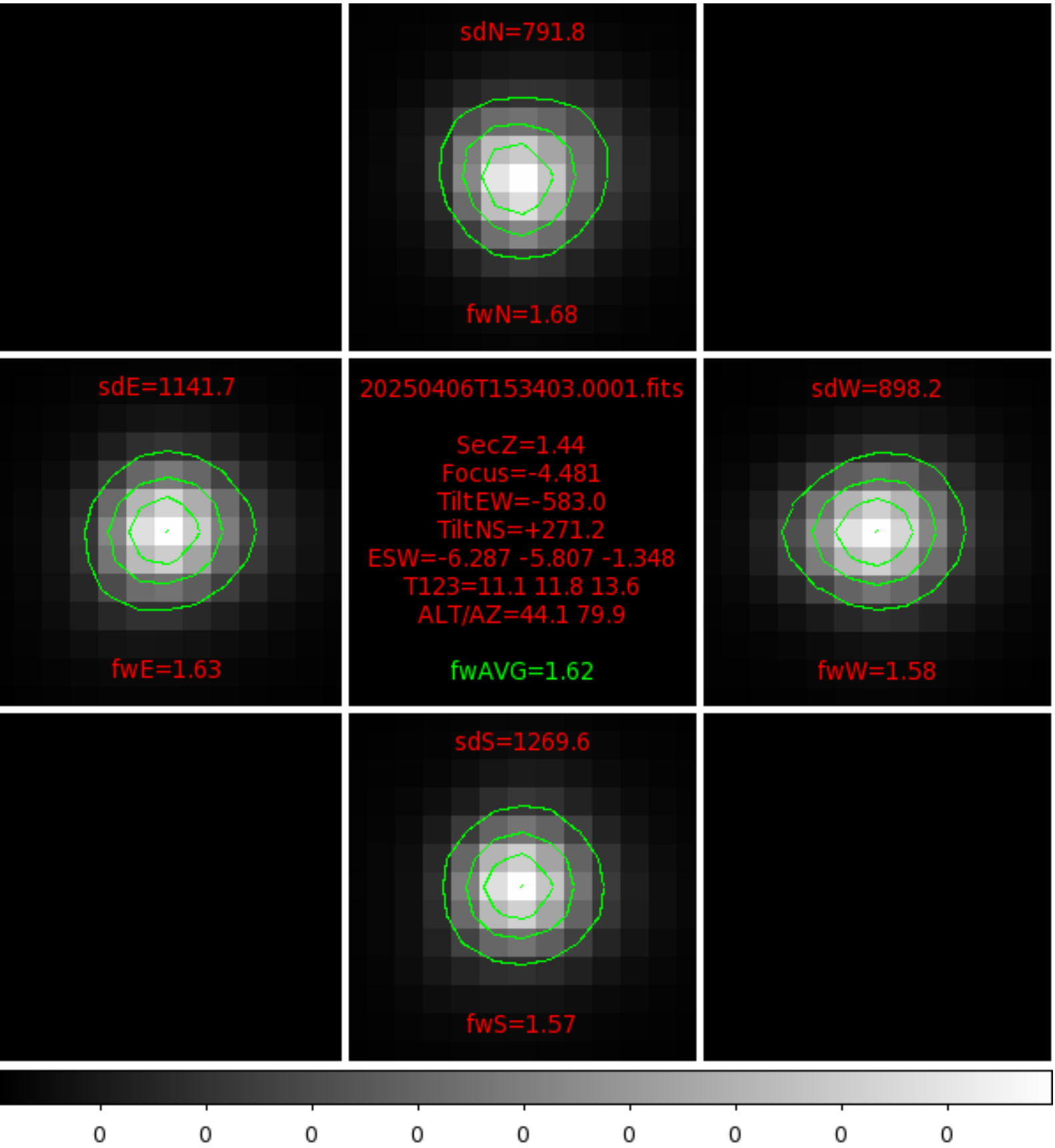
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.8 13.6
ALT/AZ=44.1 79.9
fwAVG=1.62
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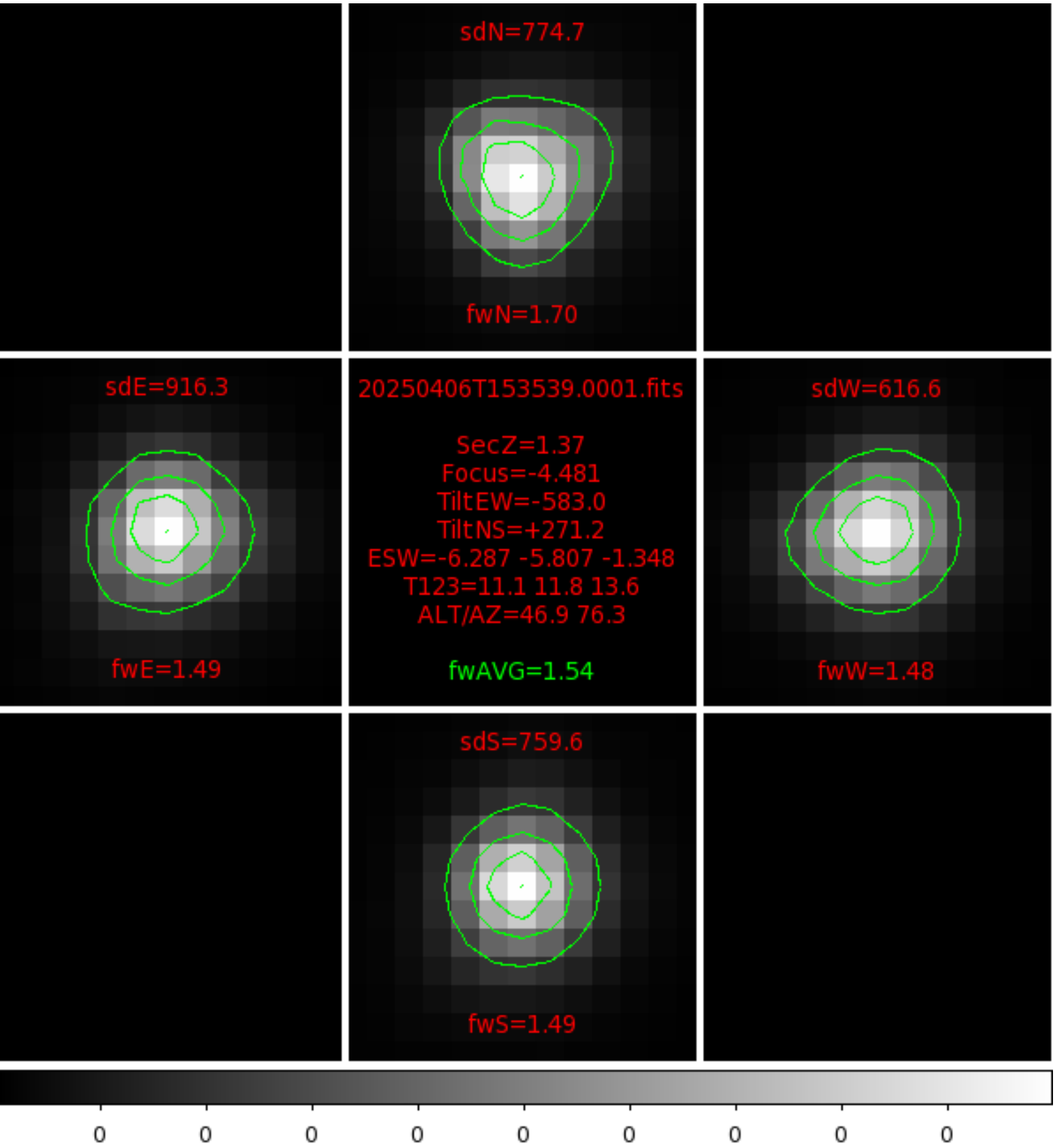
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sdE=916.3
fwE=1.49
20250406T153539.0001.fits
SecZ=1.37
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.8 13.6
ALT/AZ=46.9 76.3
fwAVG=1.54
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sdS=759.6
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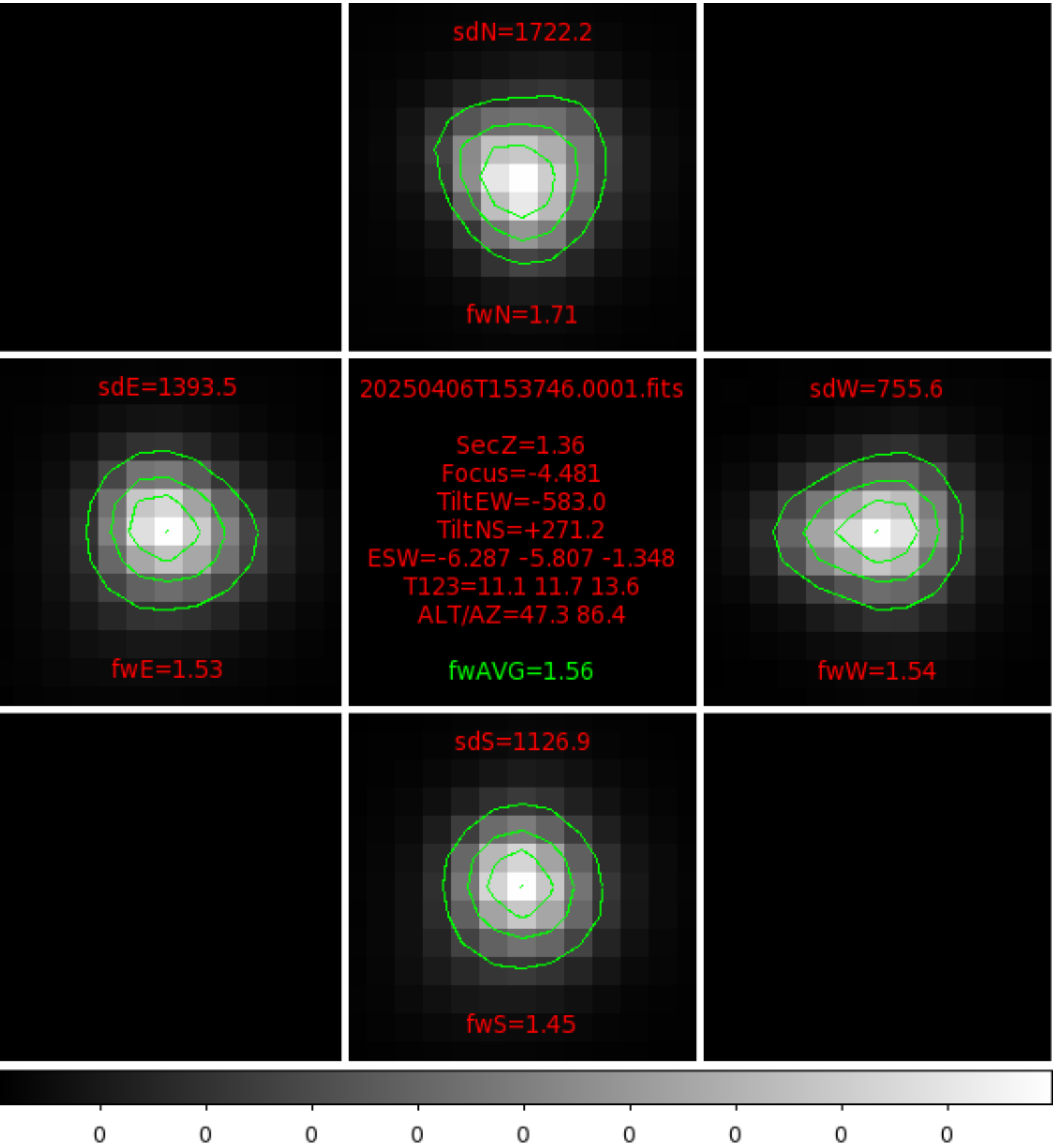
sdN=1722.2
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sdE=1393.5
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20250406T153746.0001.fits
SecZ=1.36
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.7 13.6
ALT/AZ=47.3 86.4
fwAVG=1.56
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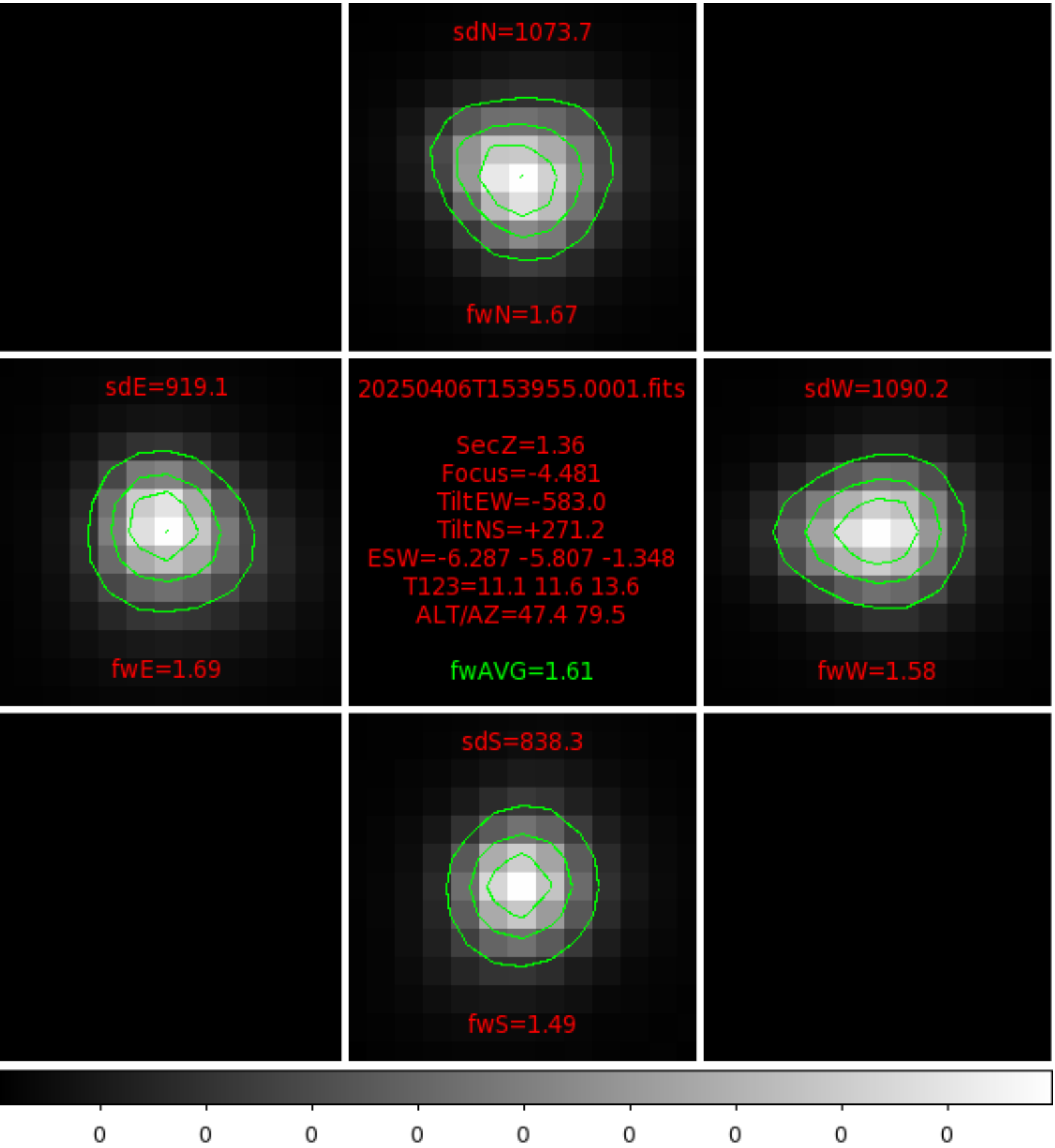
sdN=1073.7
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fwE=1.69
20250406T153955.0001.fits
SecZ=1.36
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.6 13.6
ALT/AZ=47.4 79.5
fwAVG=1.61
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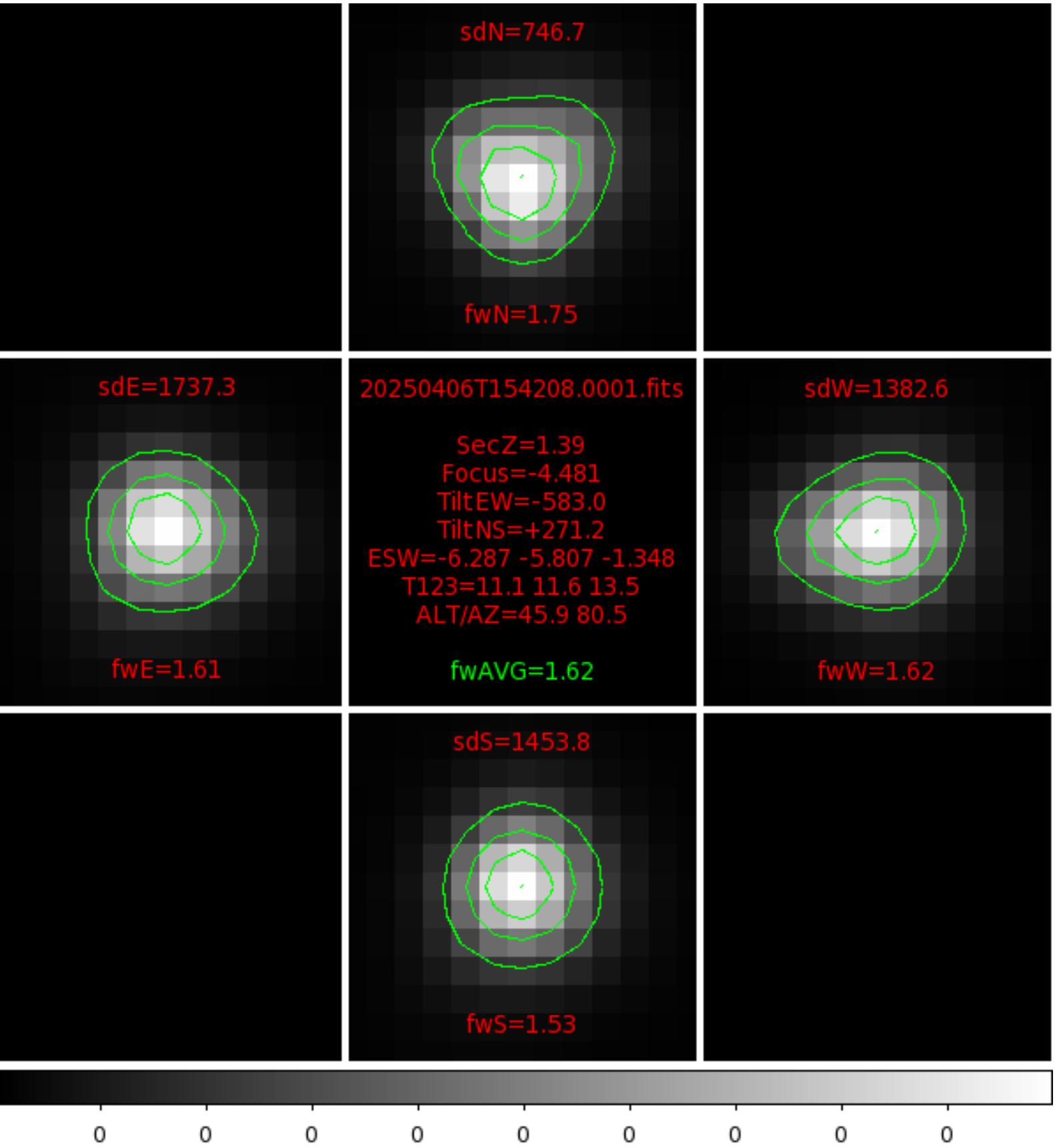
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sdE=1737.3
fwE=1.61
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SecZ=1.39
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.6 13.5
ALT/AZ=45.9 80.5
fwAVG=1.62
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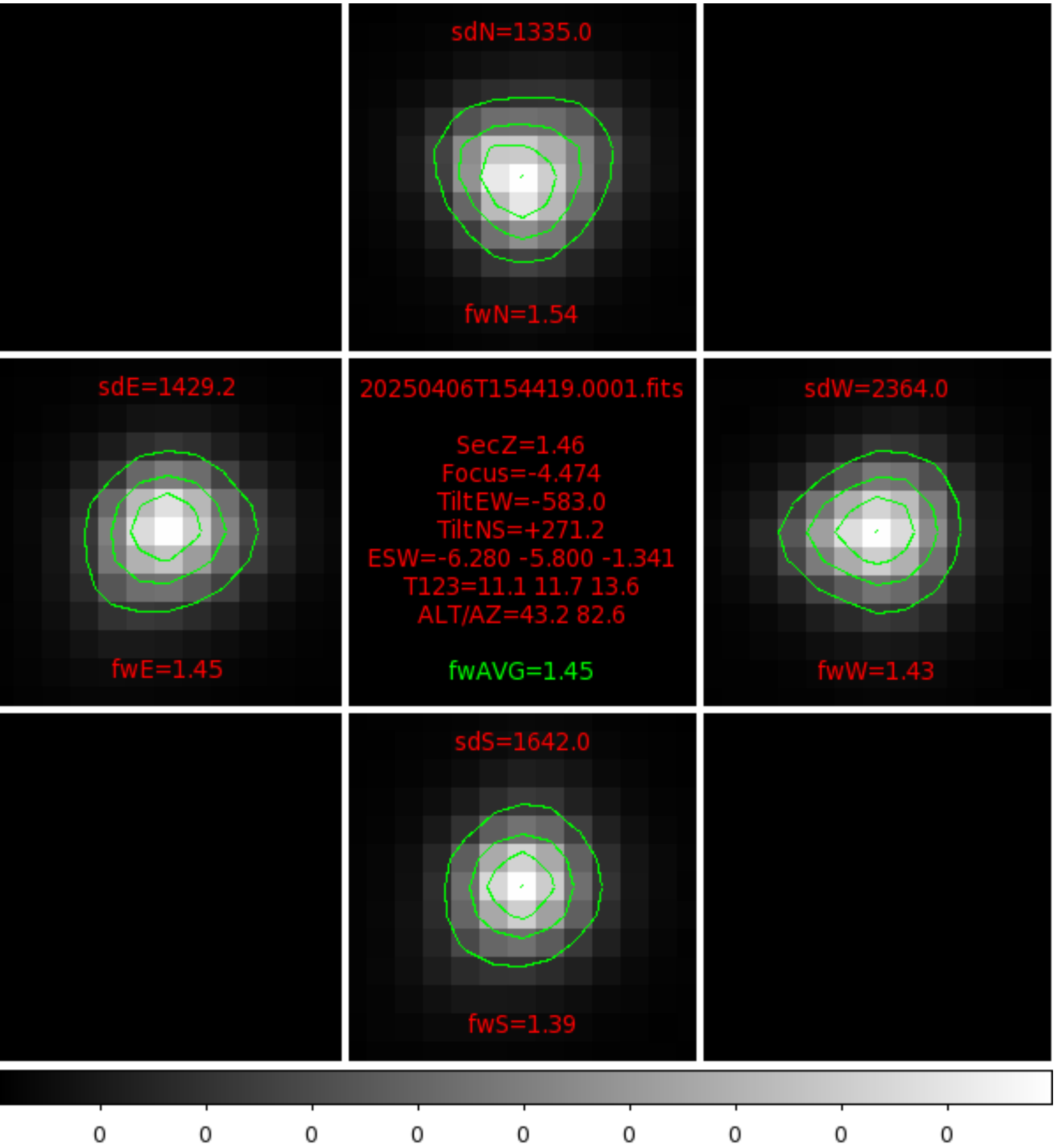
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sdE=1429.2
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20250406T154419.0001.fits
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Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=11.1 11.7 13.6
ALT/AZ=43.2 82.6
fwAVG=1.45
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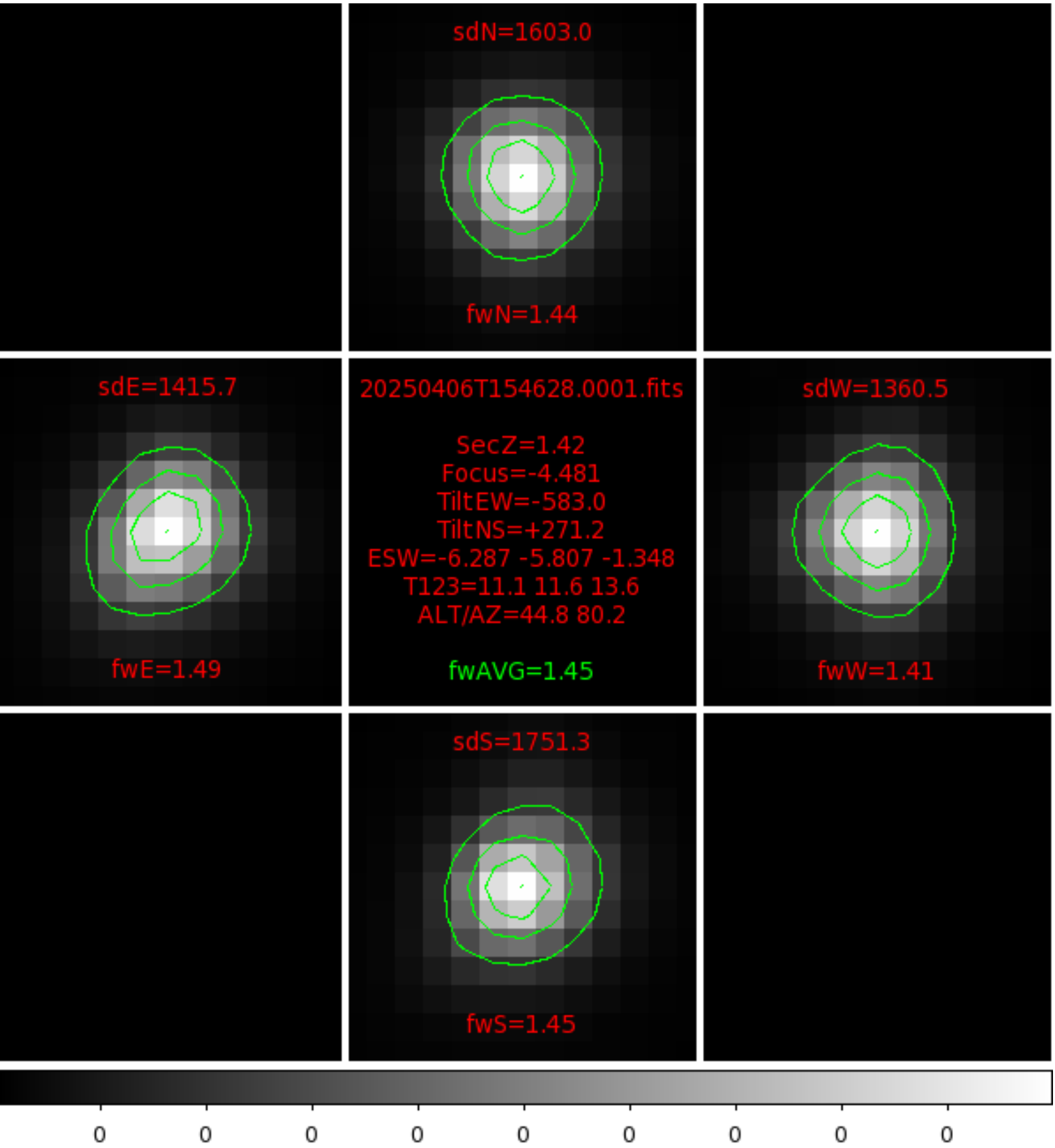
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20250406T154628.0001.fits
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Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=11.1 11.6 13.6
ALT/AZ=44.8 80.2
fwAVG=1.45
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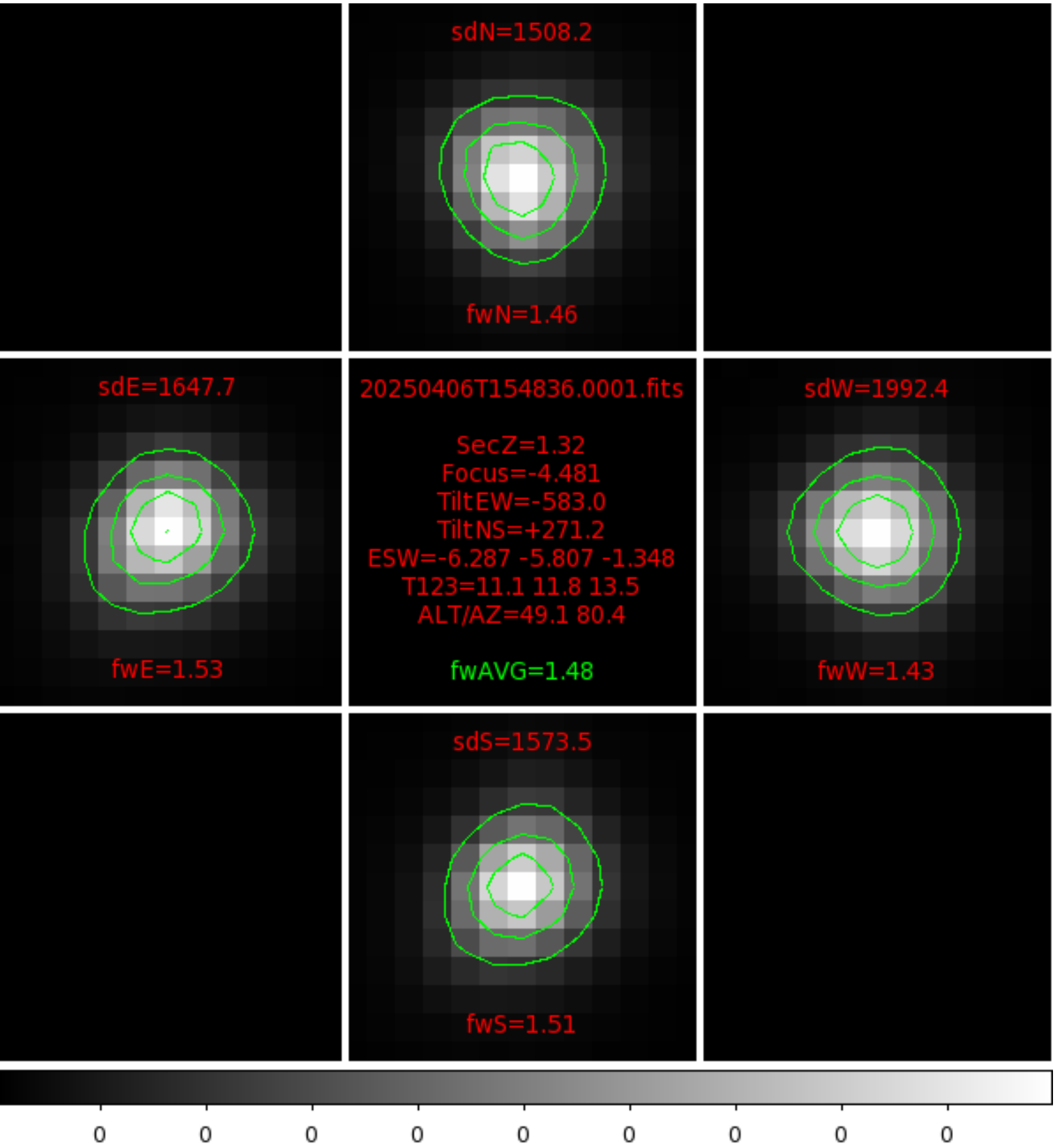
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20250406T154836.0001.fits
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Focus=-4.481
TiltEW=-583.0
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ESW=-6.287 -5.807 -1.348
T123=11.1 11.8 13.5
ALT/AZ=49.1 80.4
fwAVG=1.48
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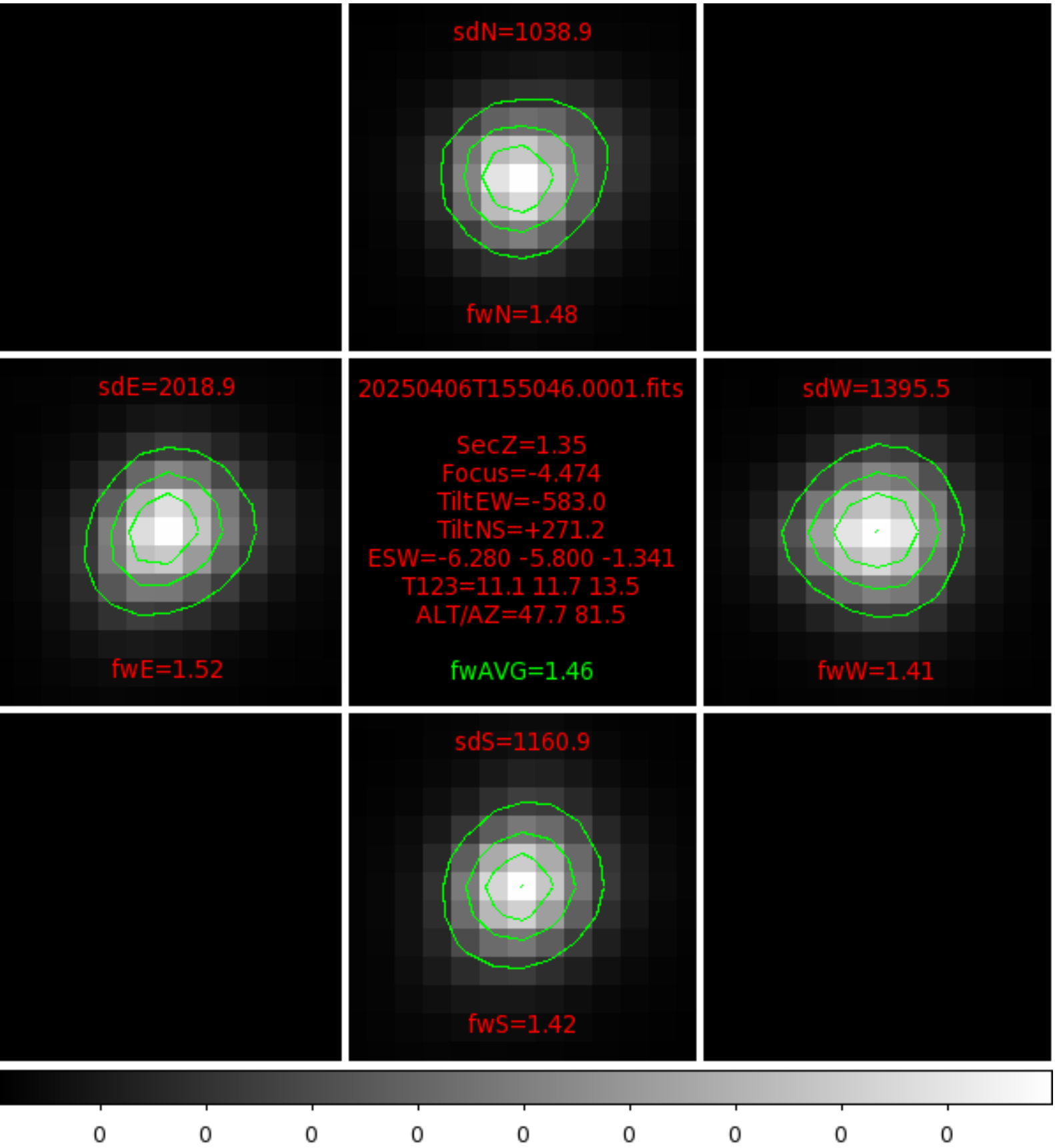
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sdE=2018.9
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SecZ=1.35
Focus=-4.474
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=11.1 11.7 13.5
ALT/AZ=47.7 81.5
fwAVG=1.46
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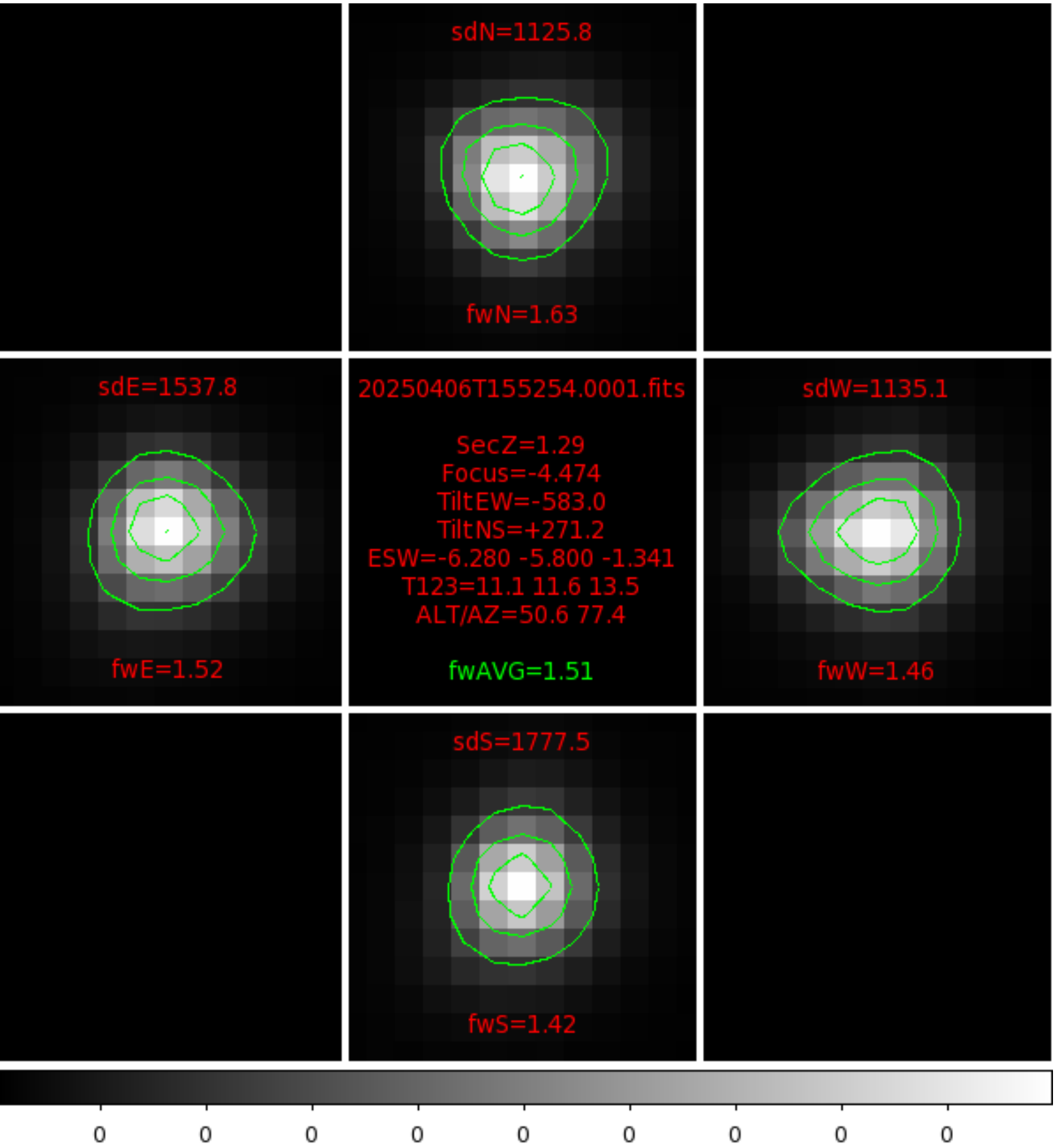
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sdE=1537.8
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SecZ=1.29
Focus=-4.474
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=11.1 11.6 13.5
ALT/AZ=50.6 77.4
fwAVG=1.51
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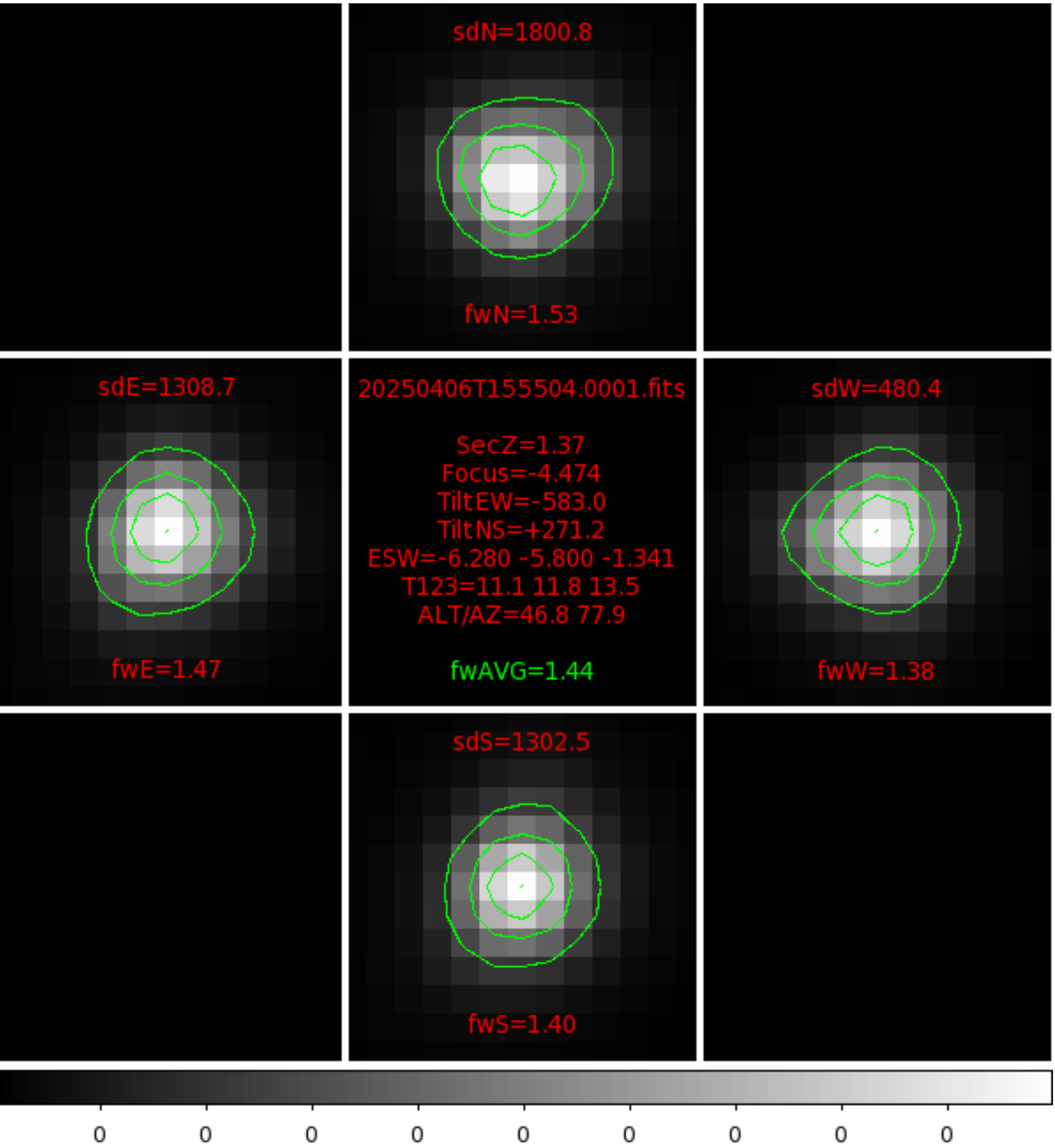
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=11.1 11.8 13.5
ALT/AZ=46.8 77.9
fwAVG=1.44
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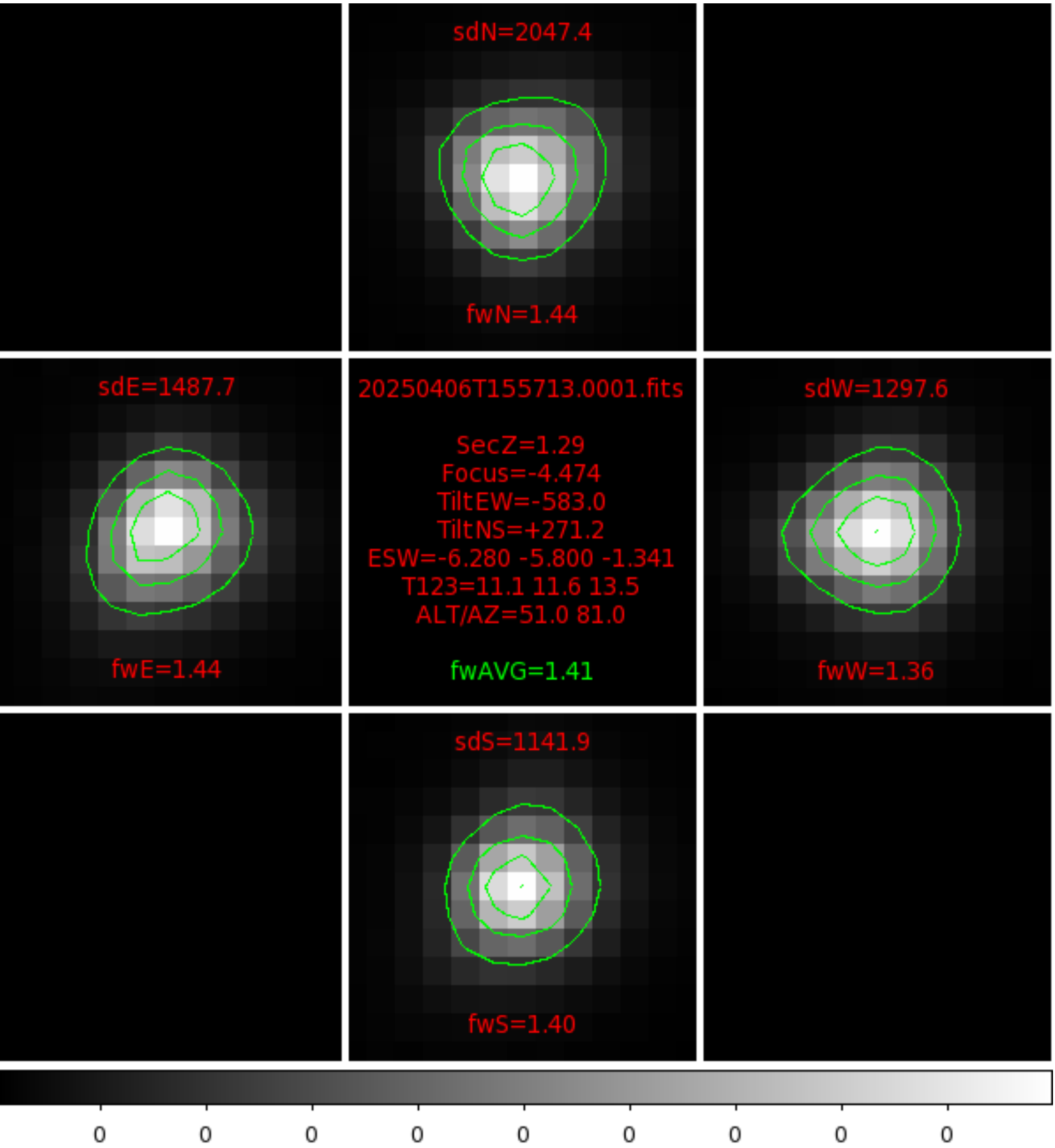
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=11.1 11.6 13.5
ALT/AZ=51.0 81.0
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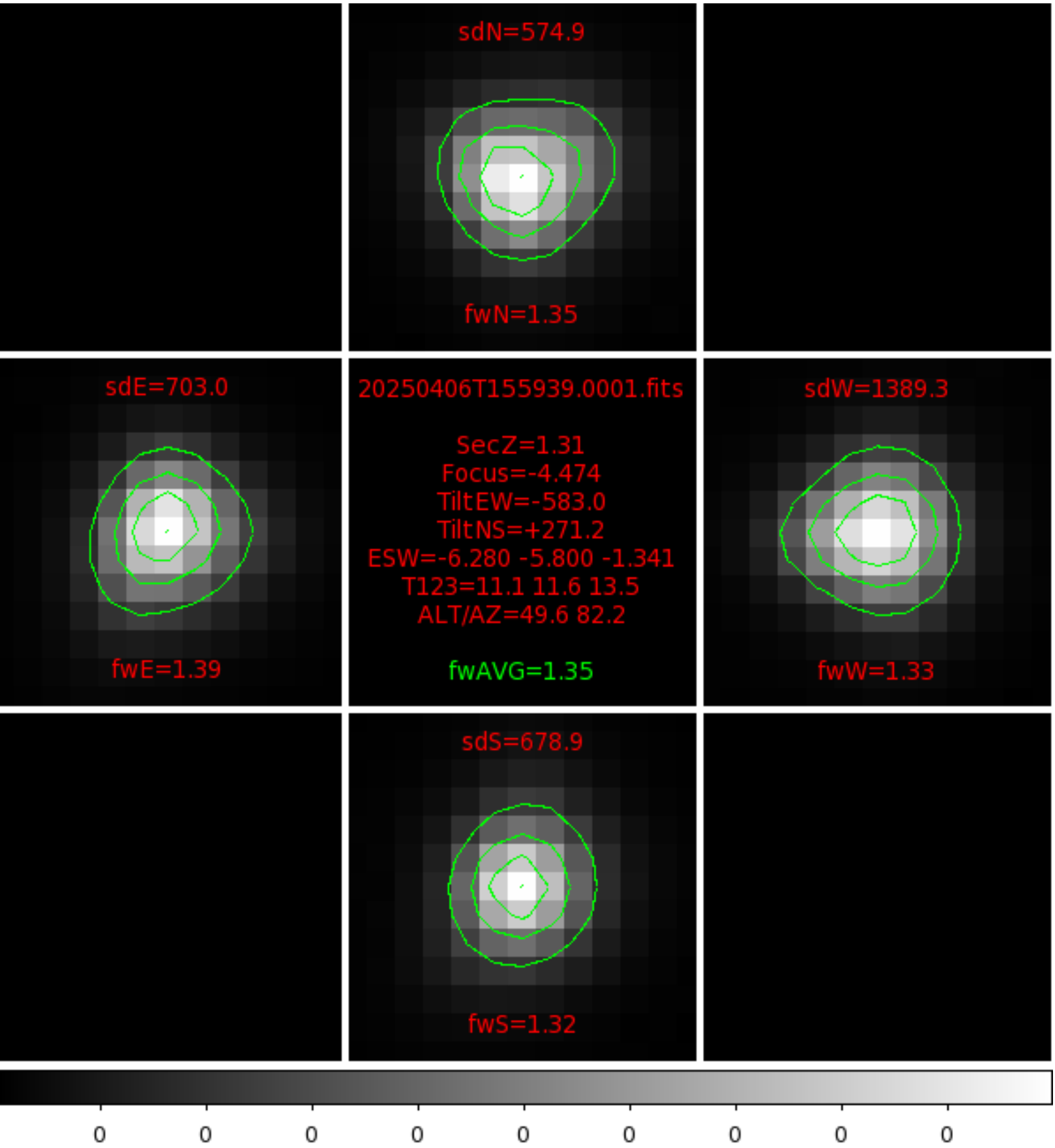
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sdE=703.0
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SecZ=1.31
Focus=-4.474
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=11.1 11.6 13.5
ALT/AZ=49.6 82.2
fwAVG=1.35
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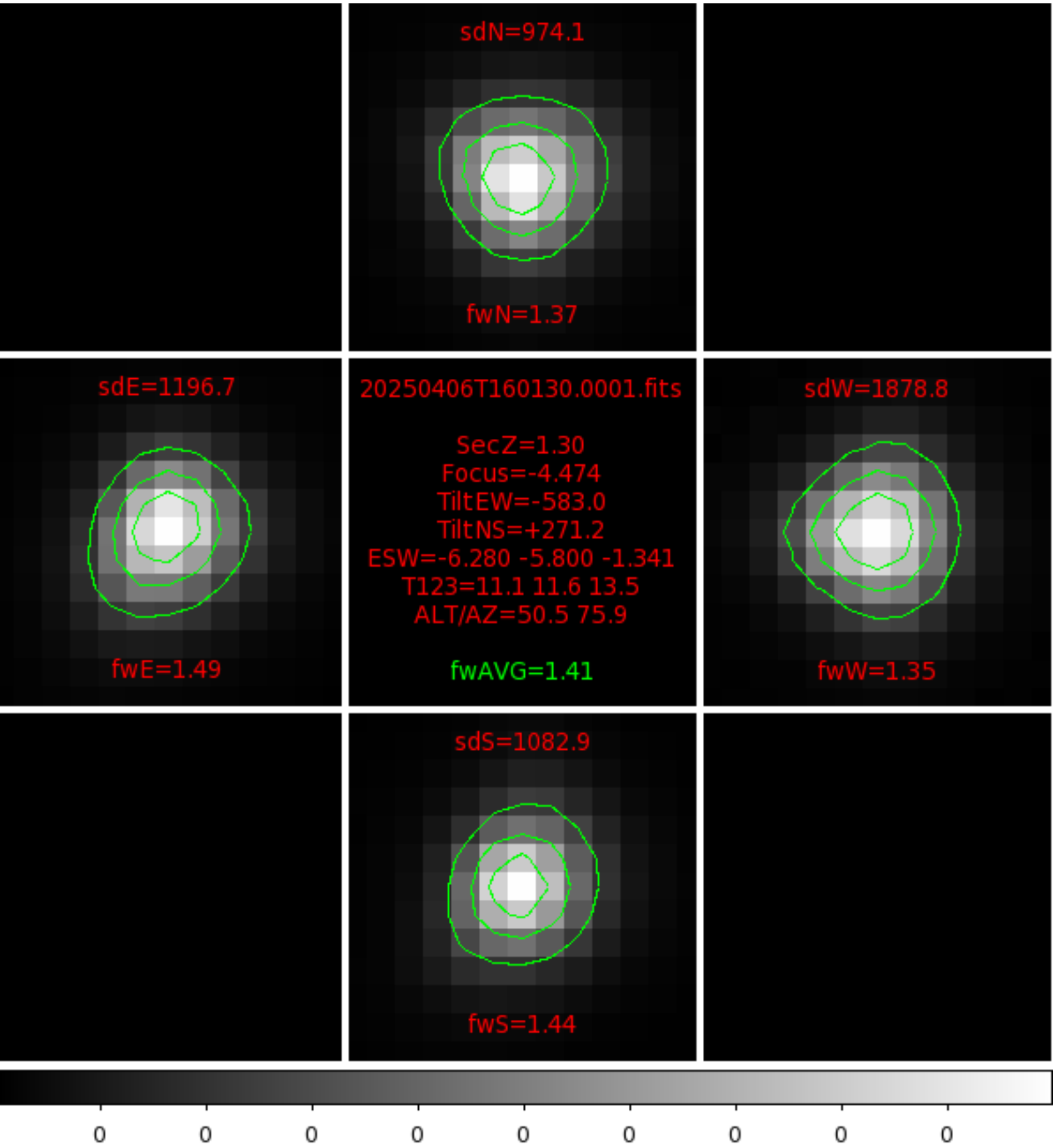
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sdE=1196.7
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Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=11.1 11.6 13.5
ALT/AZ=50.5 75.9
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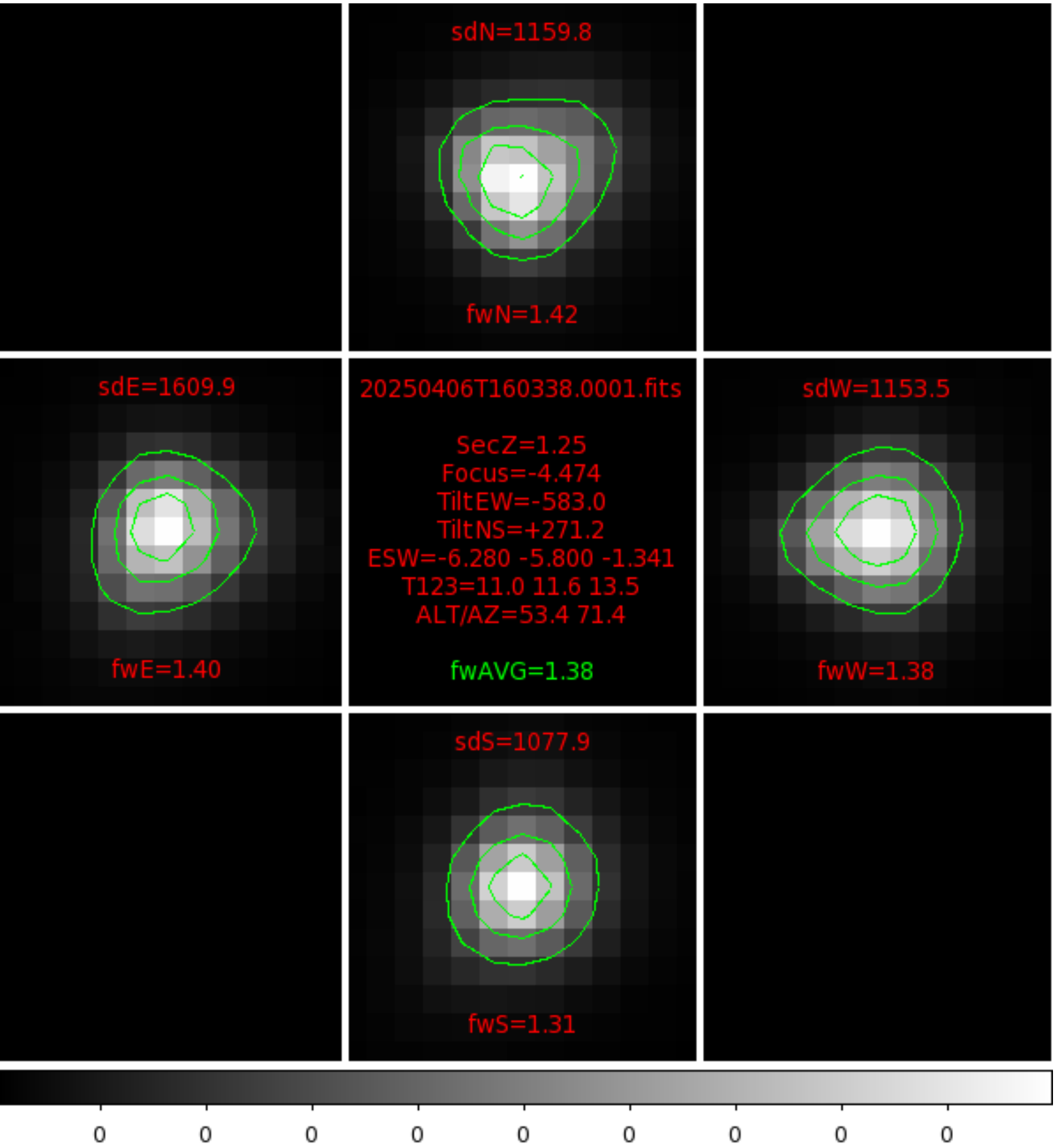
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=11.0 11.6 13.5
ALT/AZ=53.4 71.4
fwAVG=1.38
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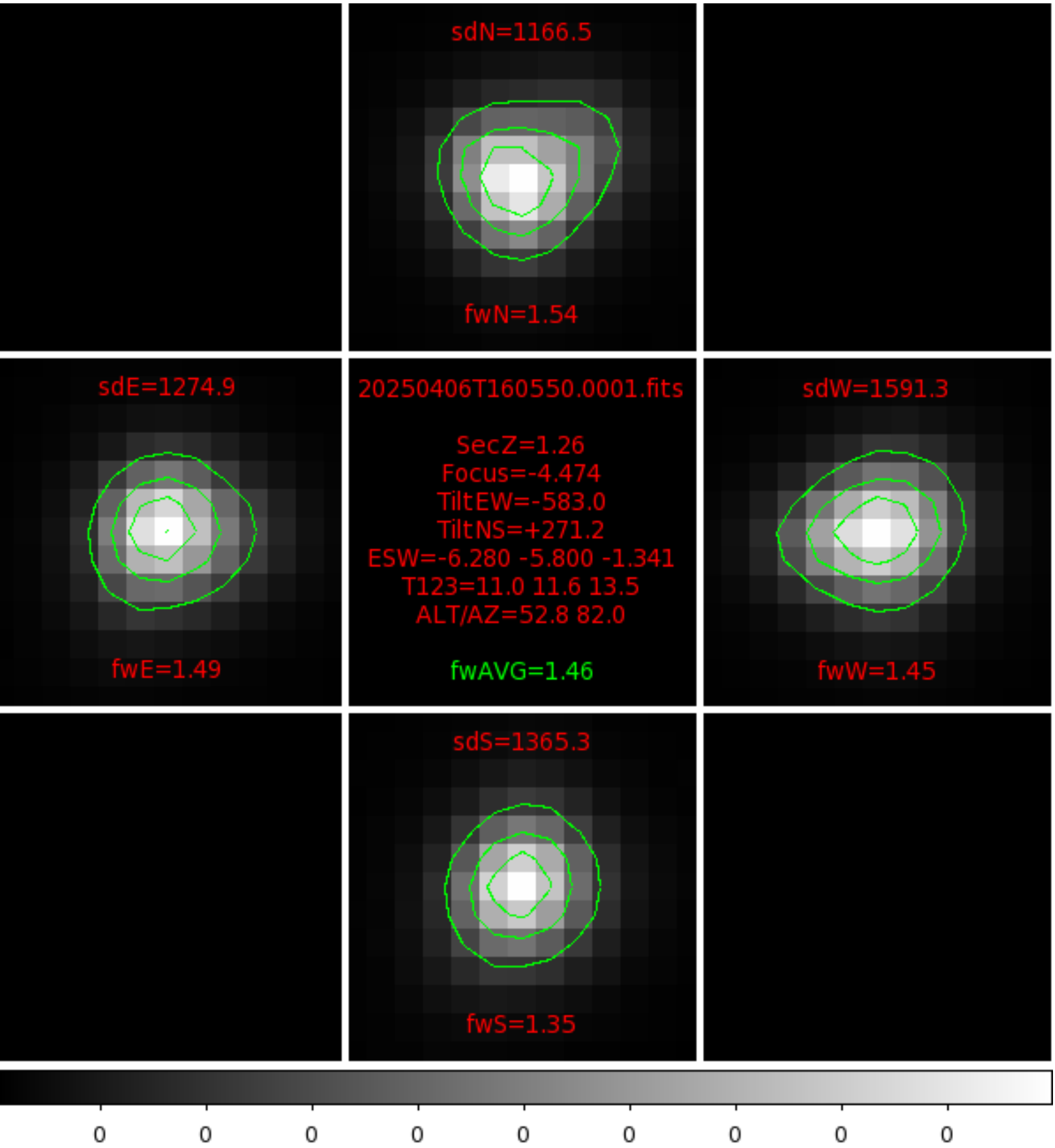
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sdE=1274.9
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SecZ=1.26
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=11.0 11.6 13.5
ALT/AZ=52.8 82.0
fwAVG=1.46
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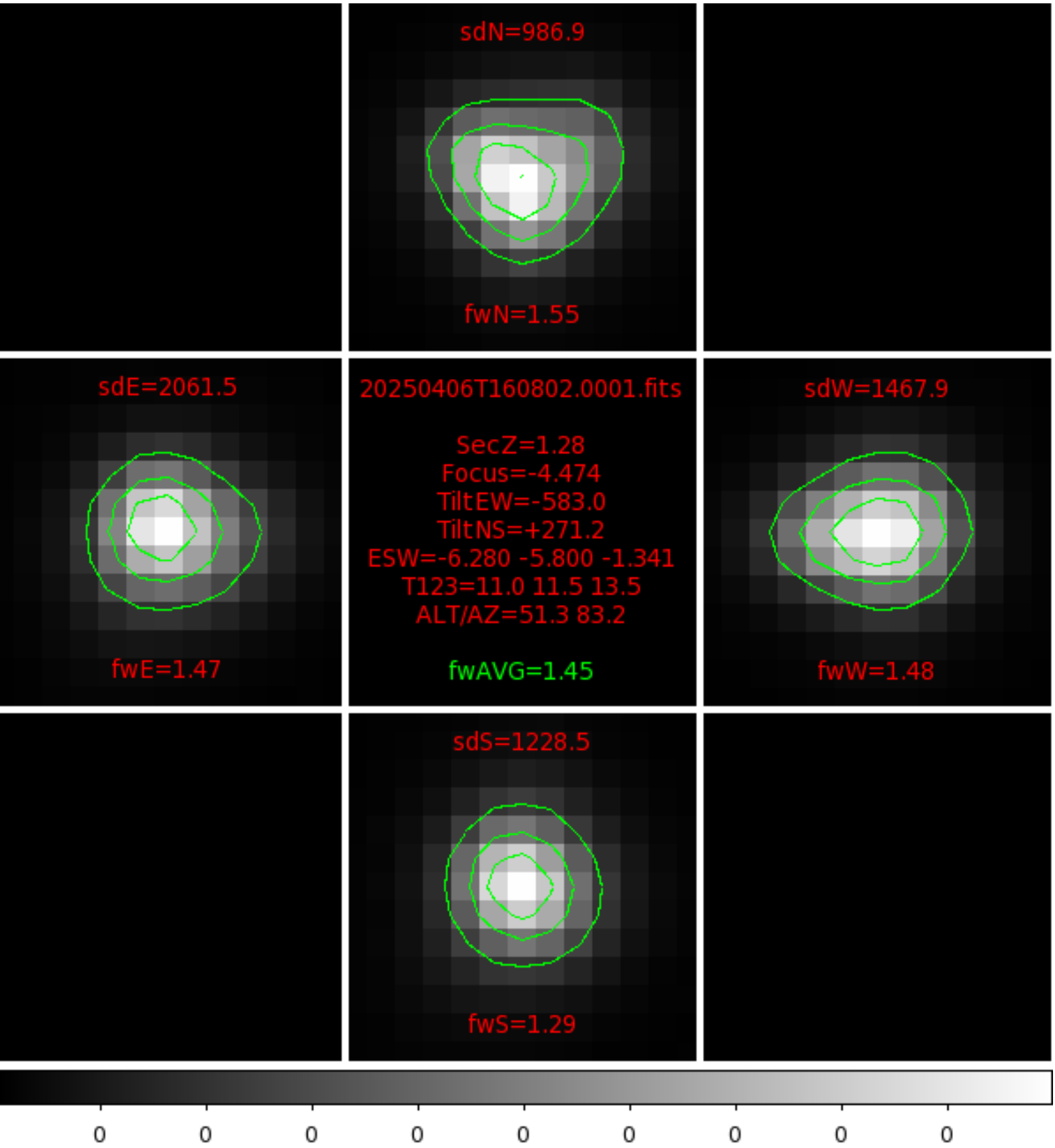
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SecZ=1.28
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=11.0 11.5 13.5
ALT/AZ=51.3 83.2
fwAVG=1.45
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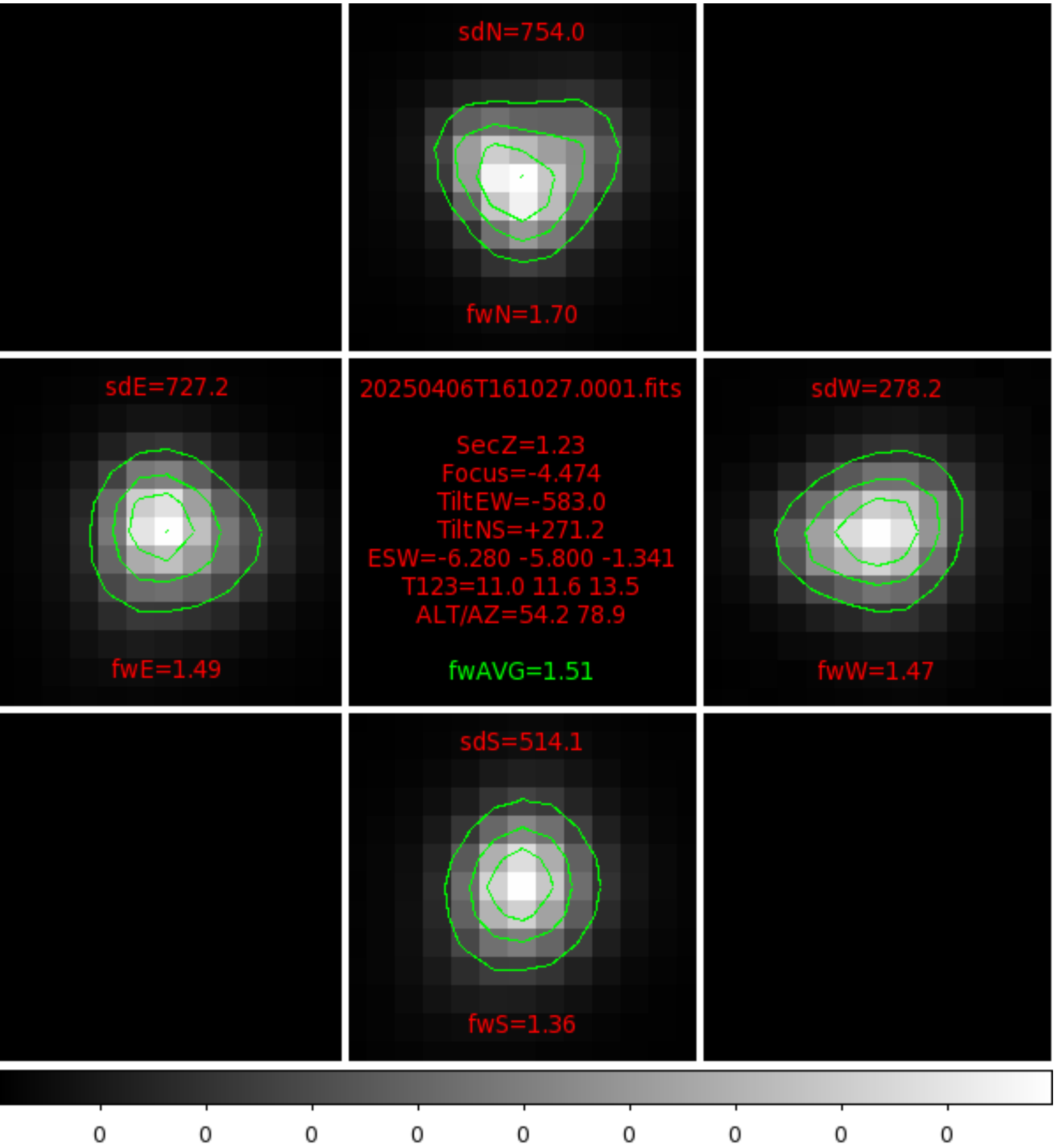
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SecZ=1.23
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TiltNS=+271.2
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T123=11.0 11.6 13.5
ALT/AZ=54.2 78.9
fwAVG=1.51
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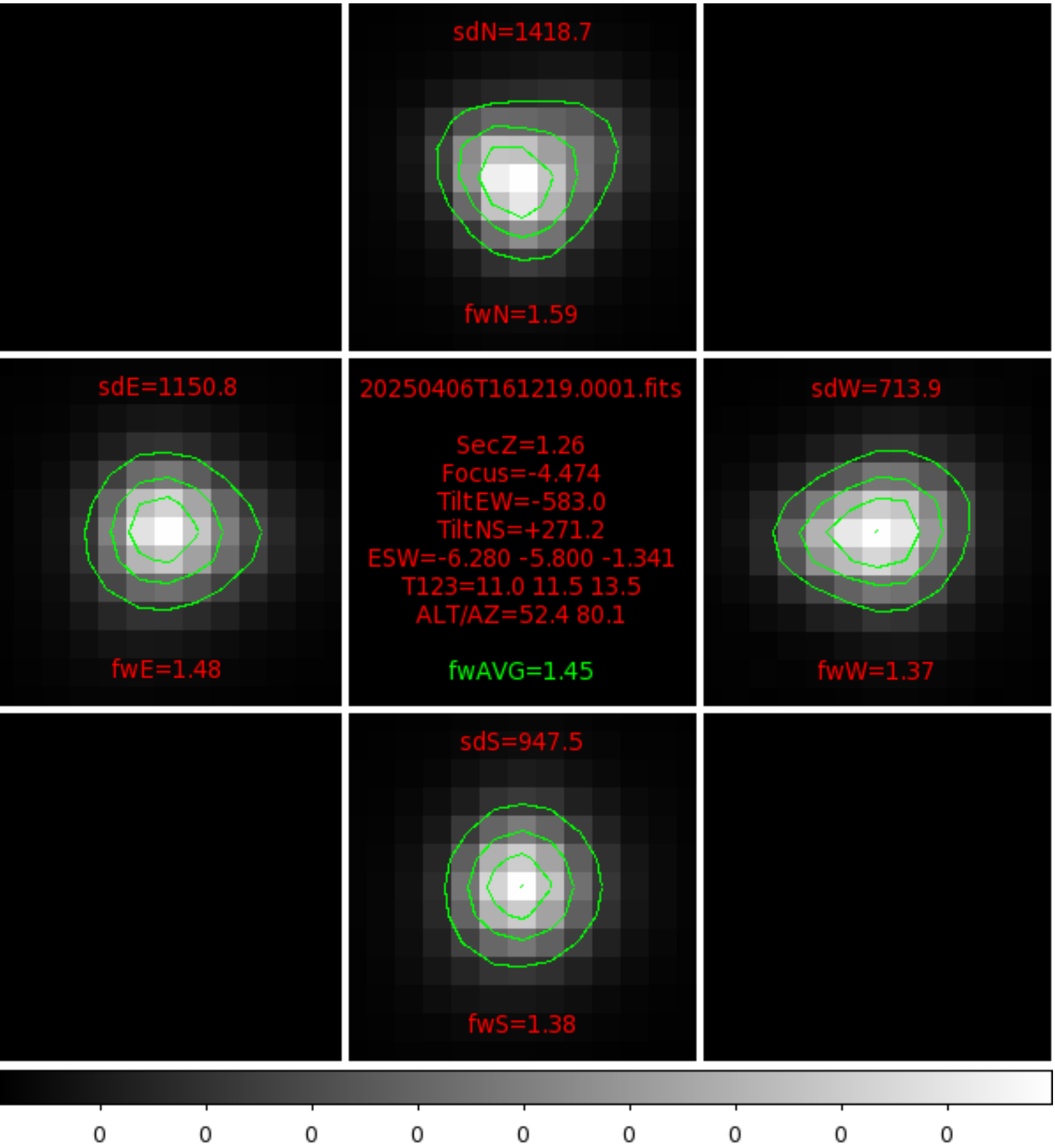
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SecZ=1.26
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=11.0 11.5 13.5
ALT/AZ=52.4 80.1
fwAVG=1.45
sdW=713.9
fwW=1.37
sdS=947.5
fwS=1.38
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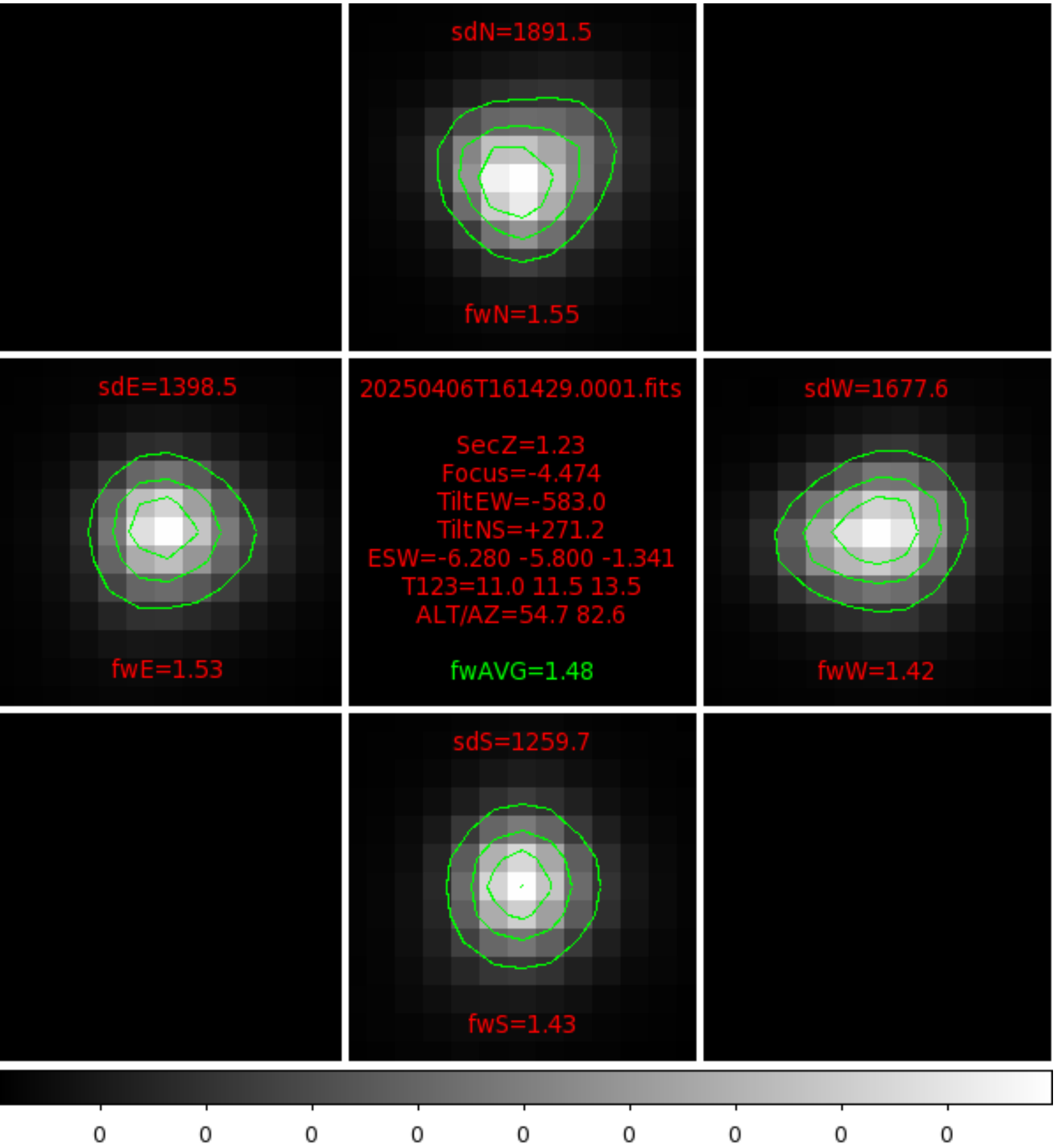
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T123=11.0 11.5 13.5
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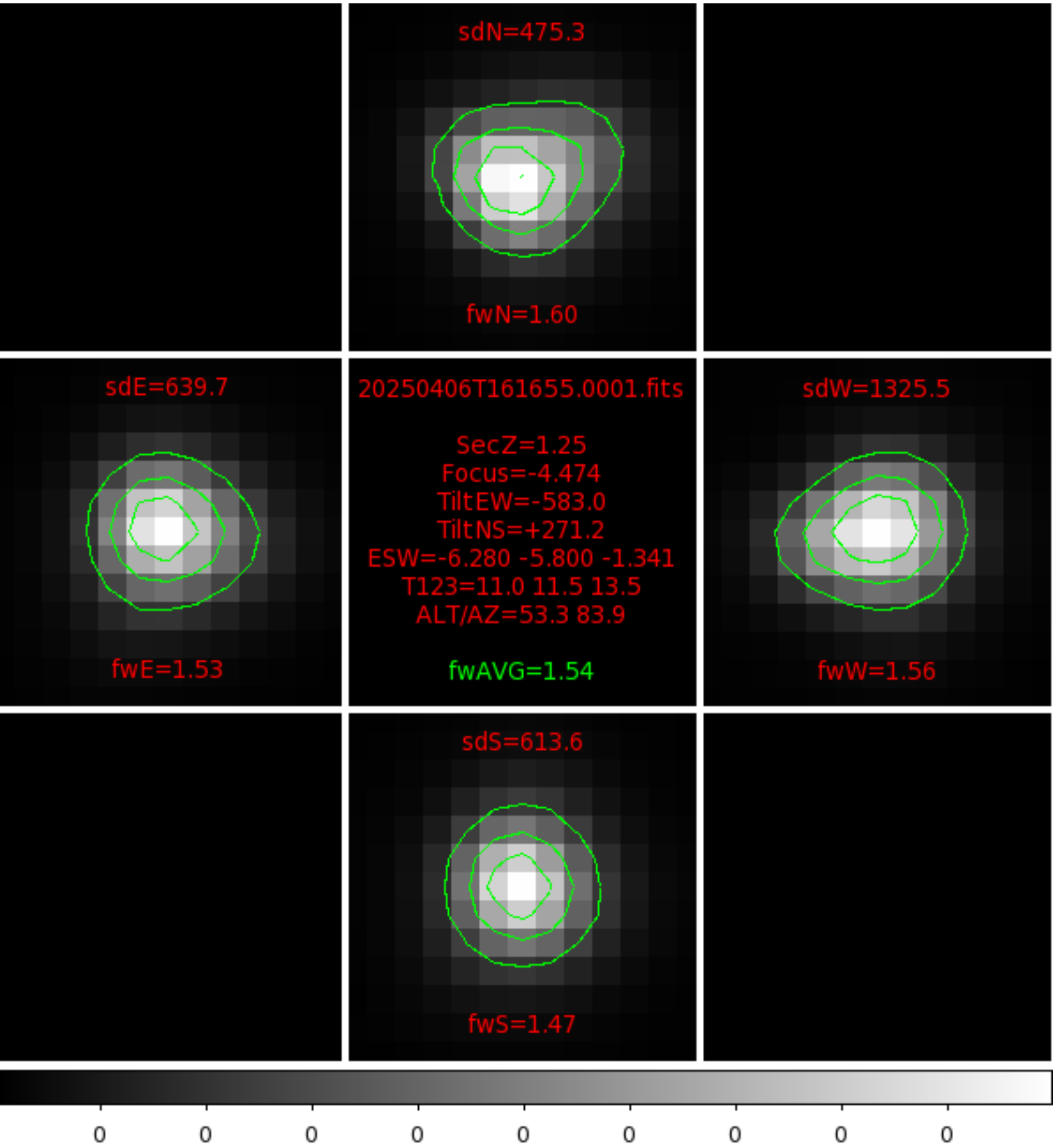
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T123=11.0 11.5 13.5
ALT/AZ=53.3 83.9
fwAVG=1.54
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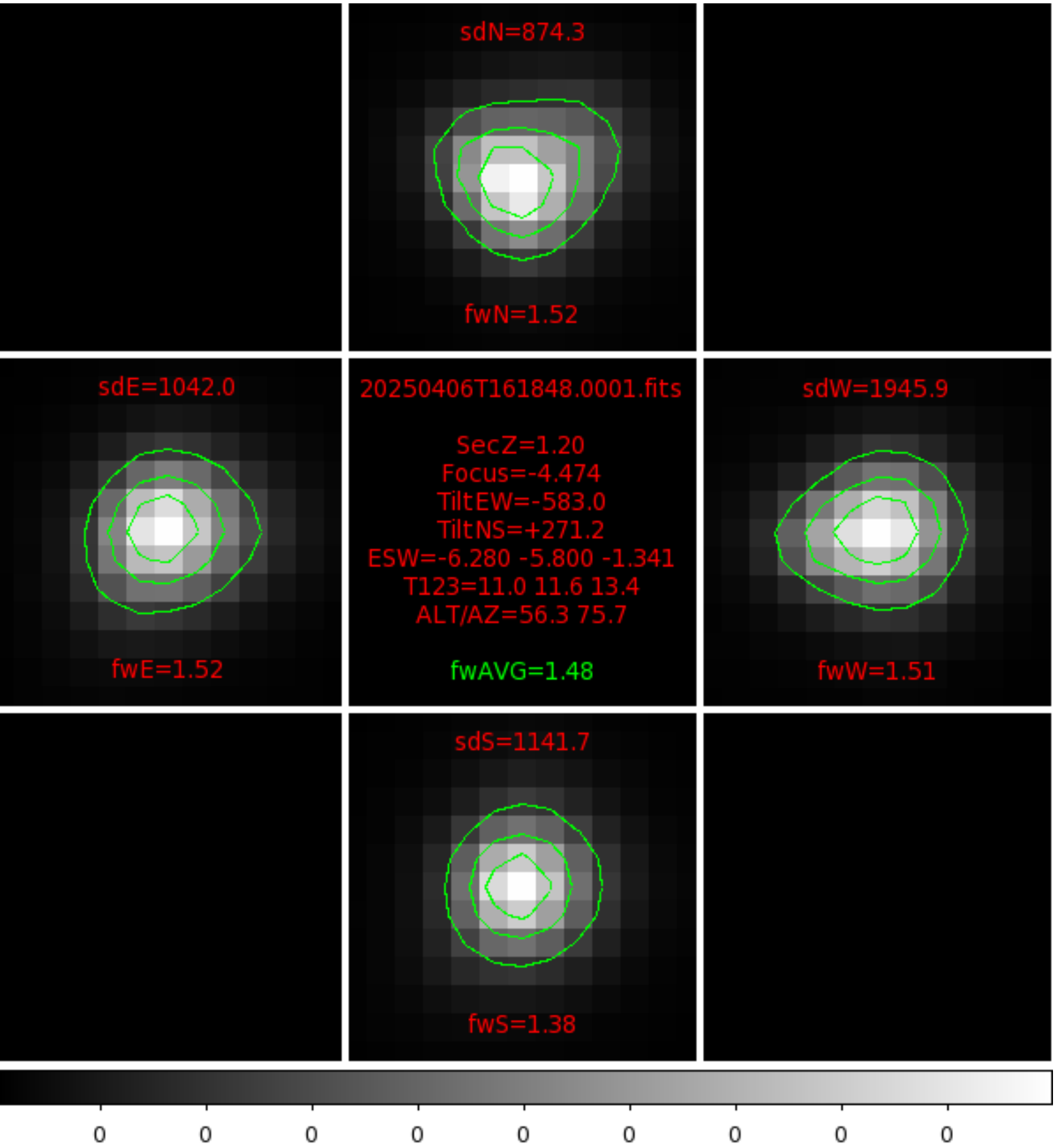
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T123=11.0 11.6 13.4
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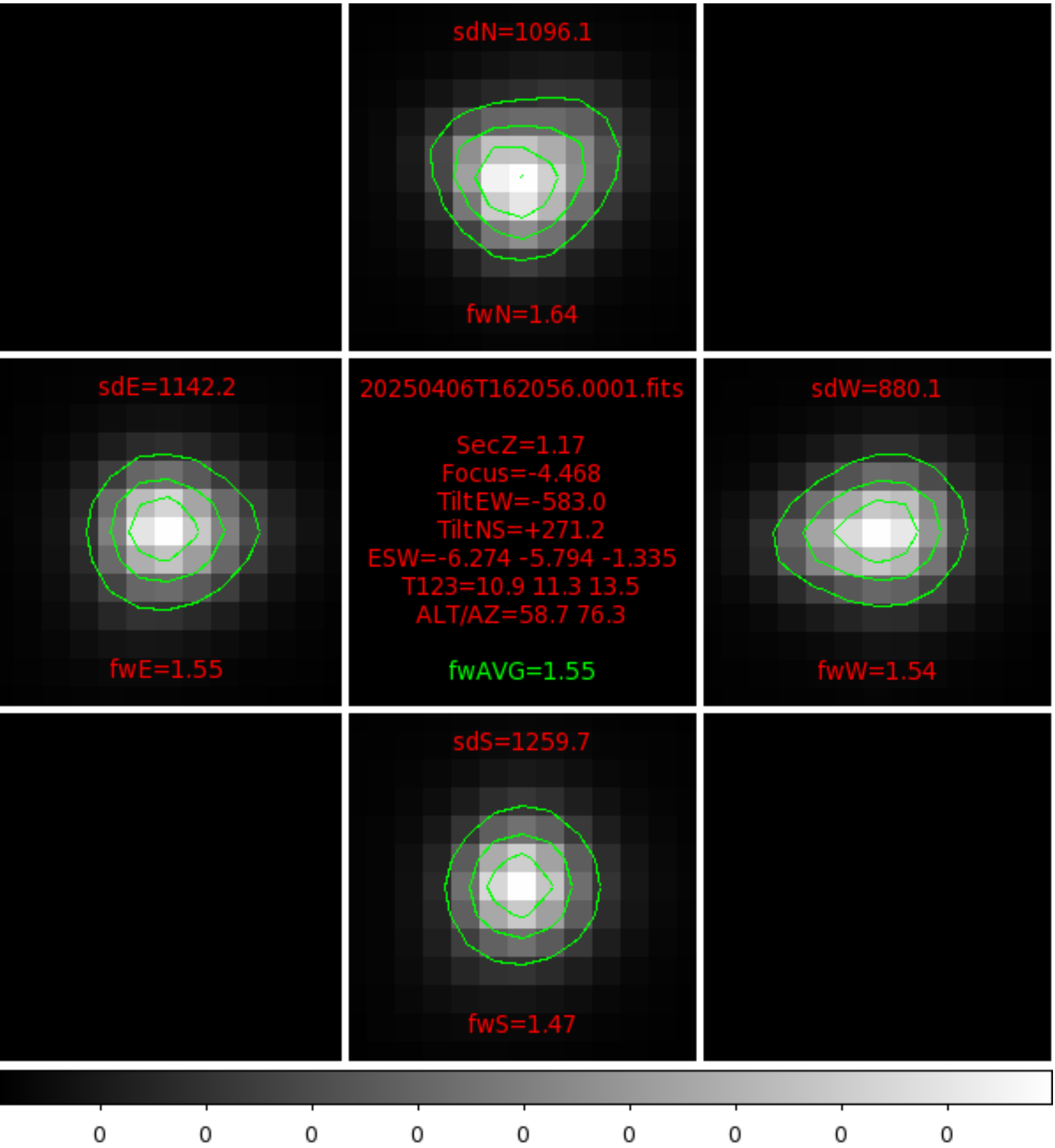
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.274 -5.794 -1.335
T123=10.9 11.3 13.5
ALT/AZ=58.7 76.3
fwAVG=1.55
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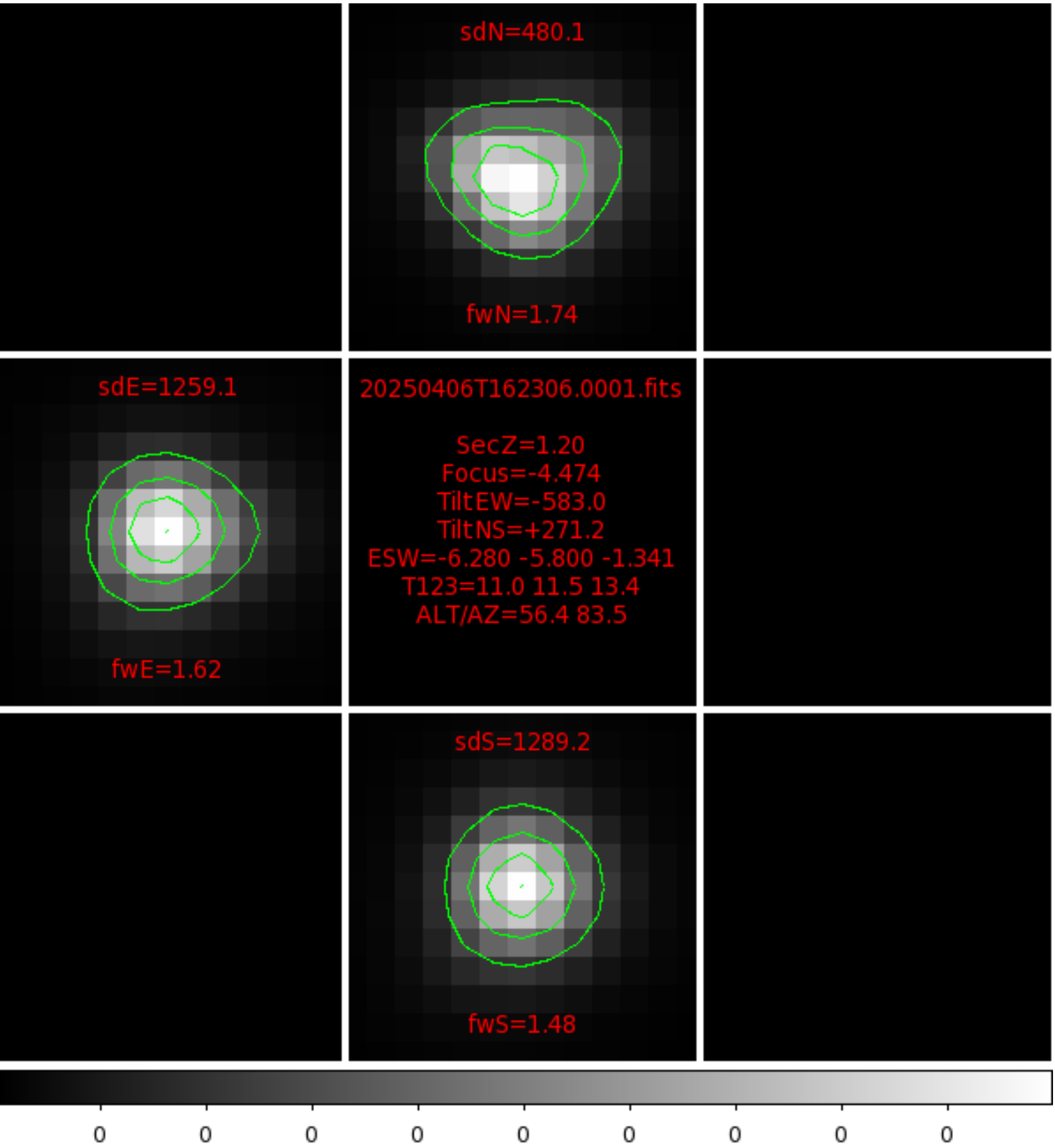
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
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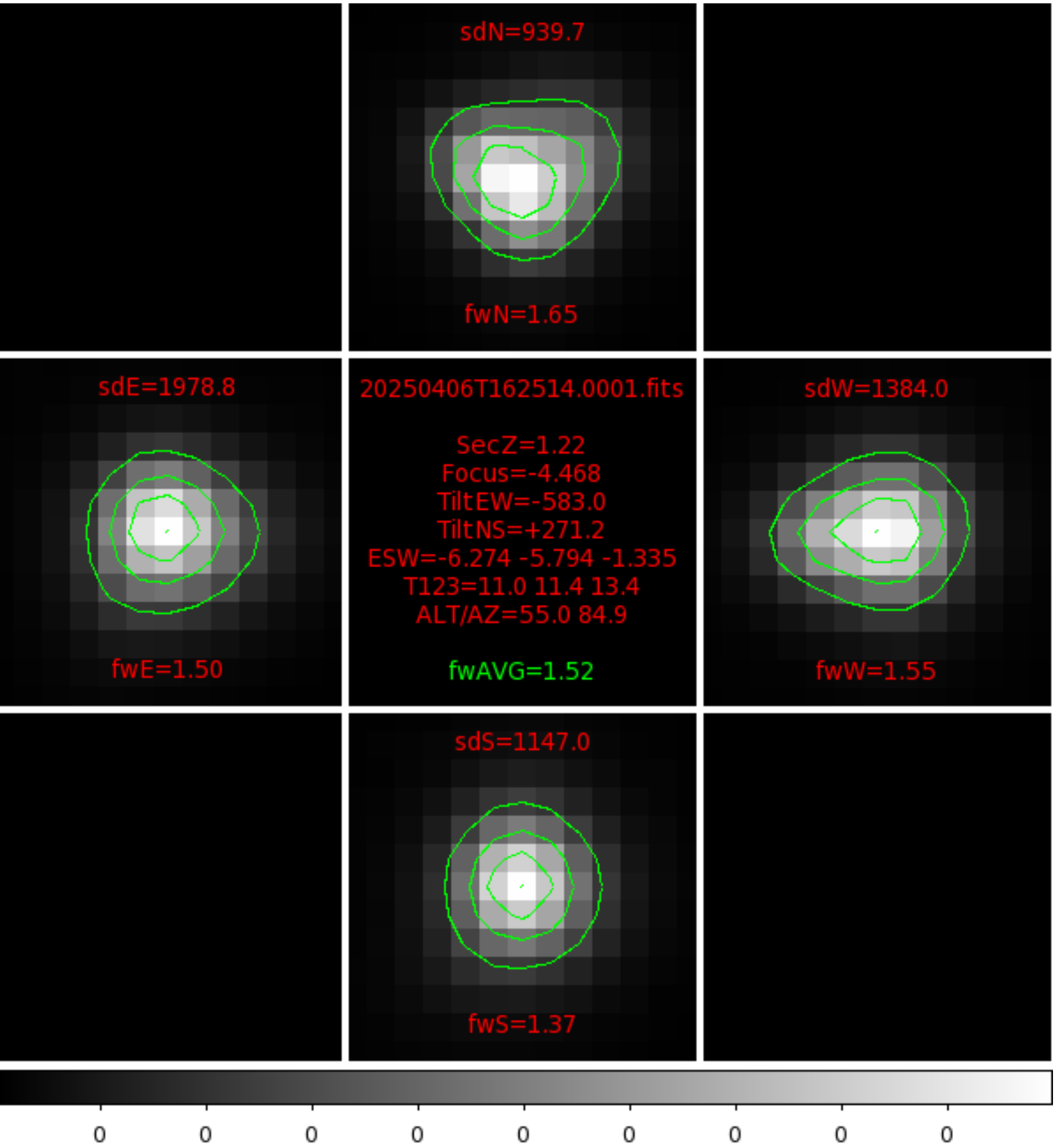
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TiltNS=+271.2
ESW=-6.274 -5.794 -1.335
T123=11.0 11.4 13.4
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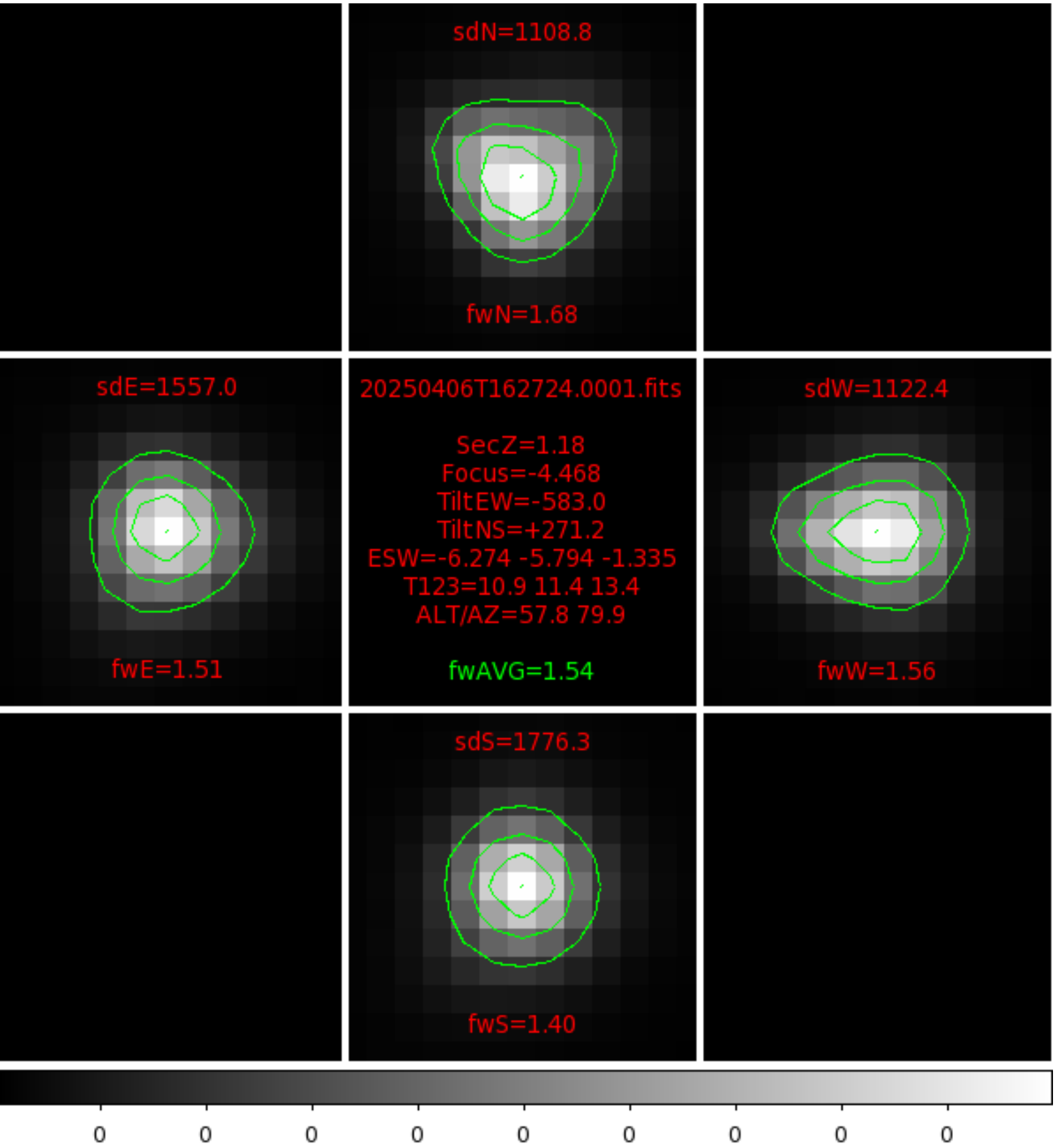
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sdE=1557.0
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SecZ=1.18
Focus=-4.468
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.274 -5.794 -1.335
T123=10.9 11.4 13.4
ALT/AZ=57.8 79.9
fwAVG=1.54
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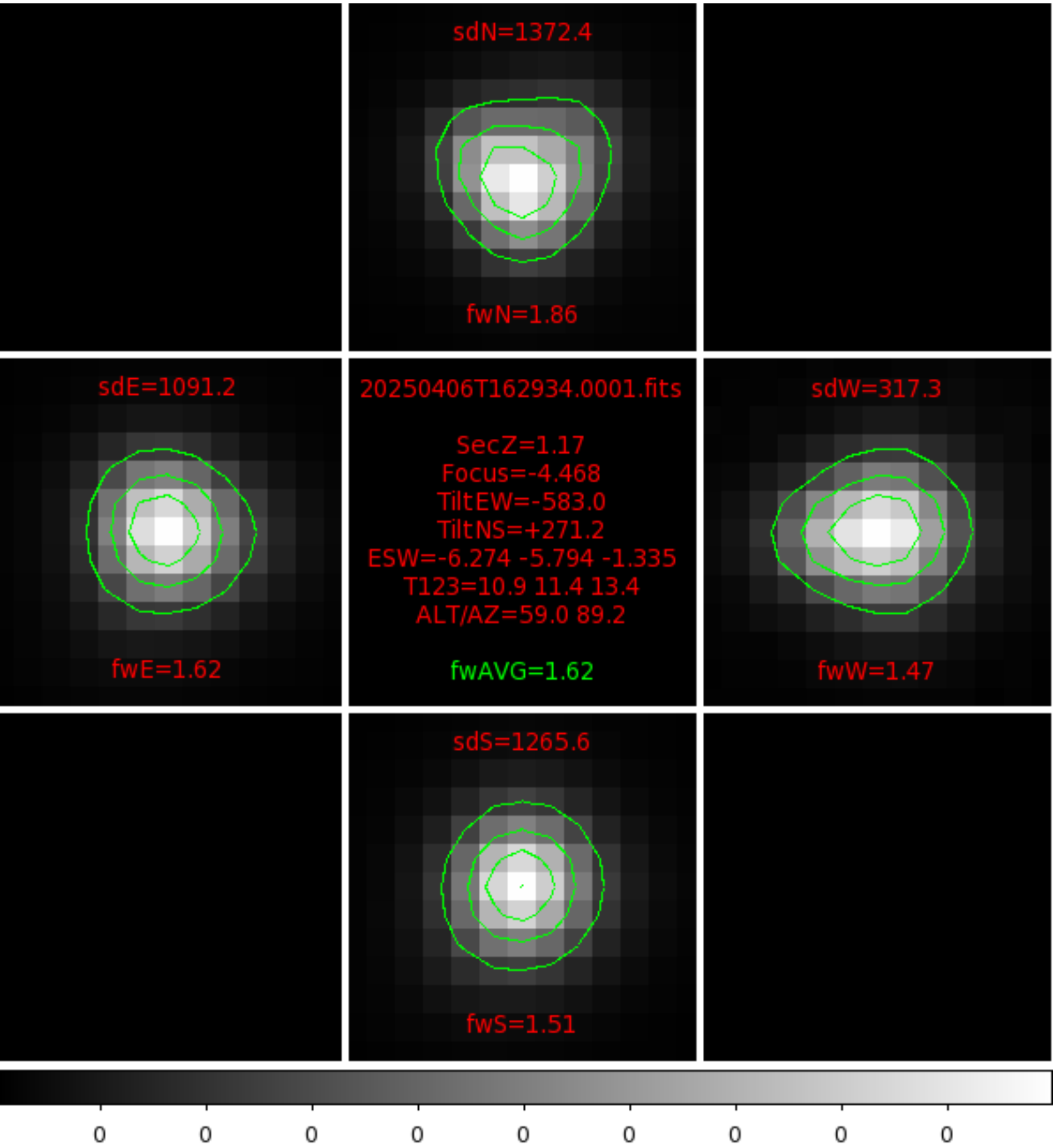
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SecZ=1.17
Focus=-4.468
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.274 -5.794 -1.335
T123=10.9 11.4 13.4
ALT/AZ=59.0 89.2
fwAVG=1.62
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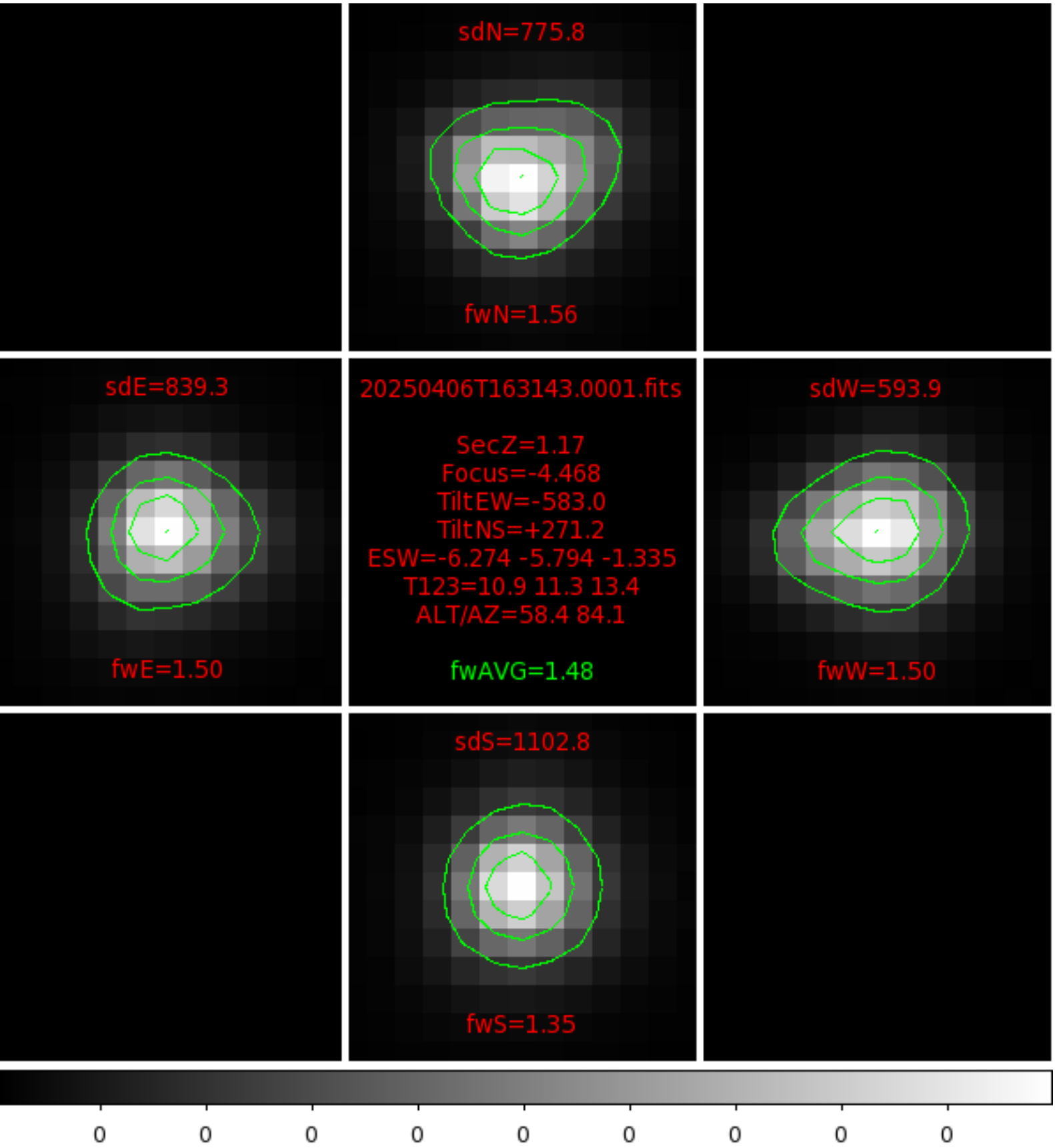
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Focus=-4.468
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.274 -5.794 -1.335
T123=10.9 11.3 13.4
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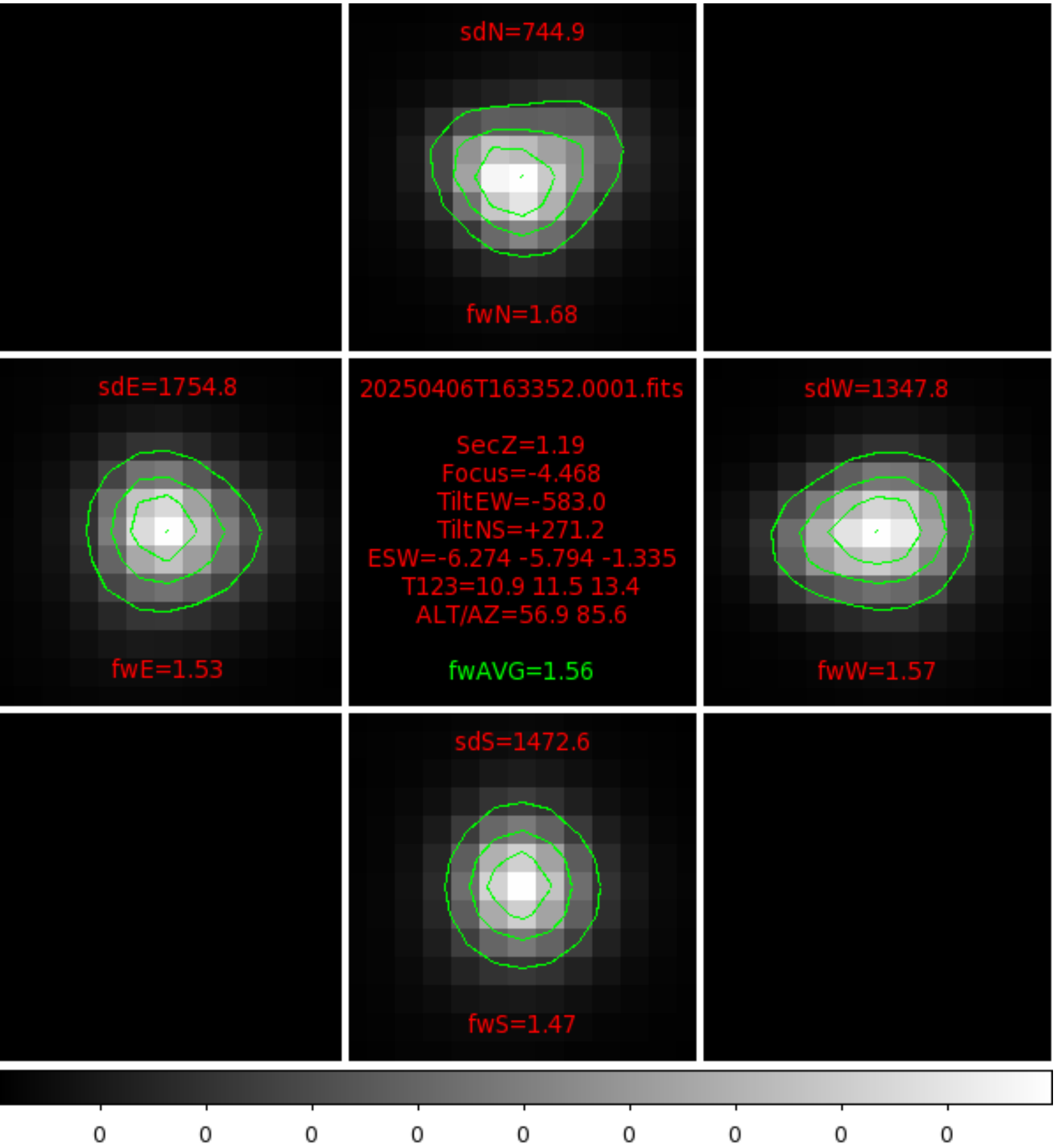
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SecZ=1.19
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.274 -5.794 -1.335
T123=10.9 11.5 13.4
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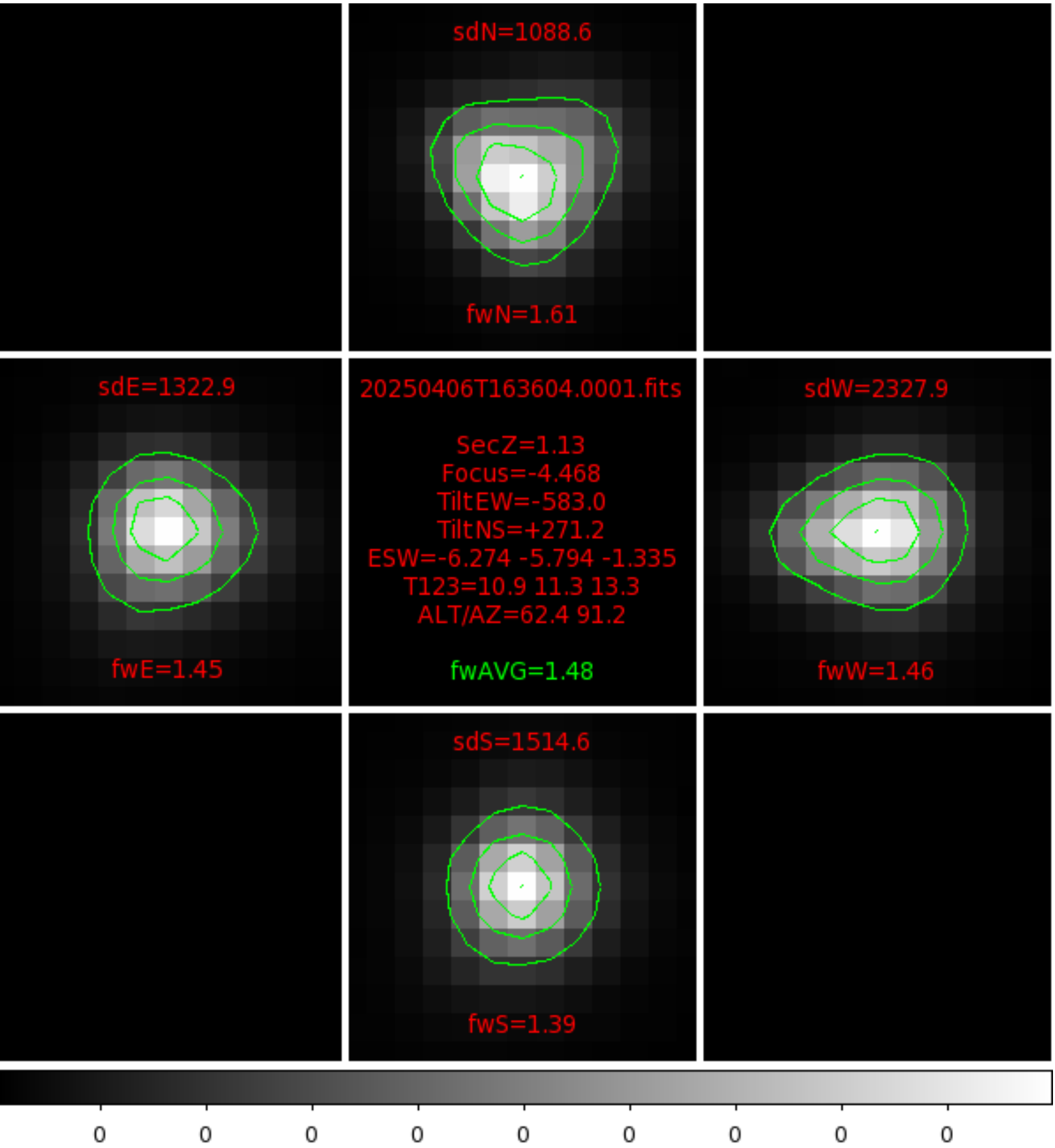
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sdE=1322.9
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SecZ=1.13
Focus=-4.468
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.274 -5.794 -1.335
T123=10.9 11.3 13.3
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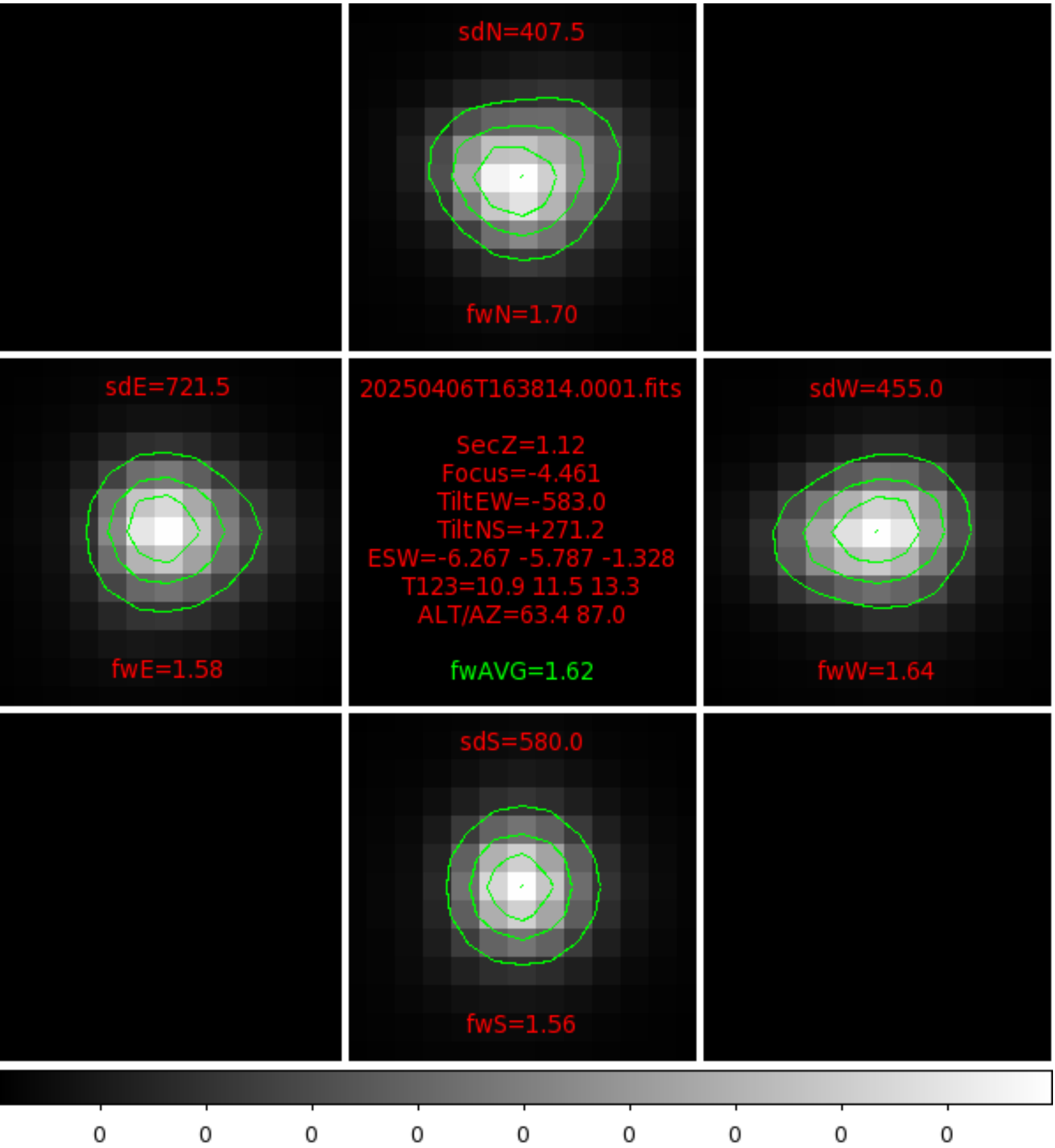
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.9 11.5 13.3
ALT/AZ=63.4 87.0
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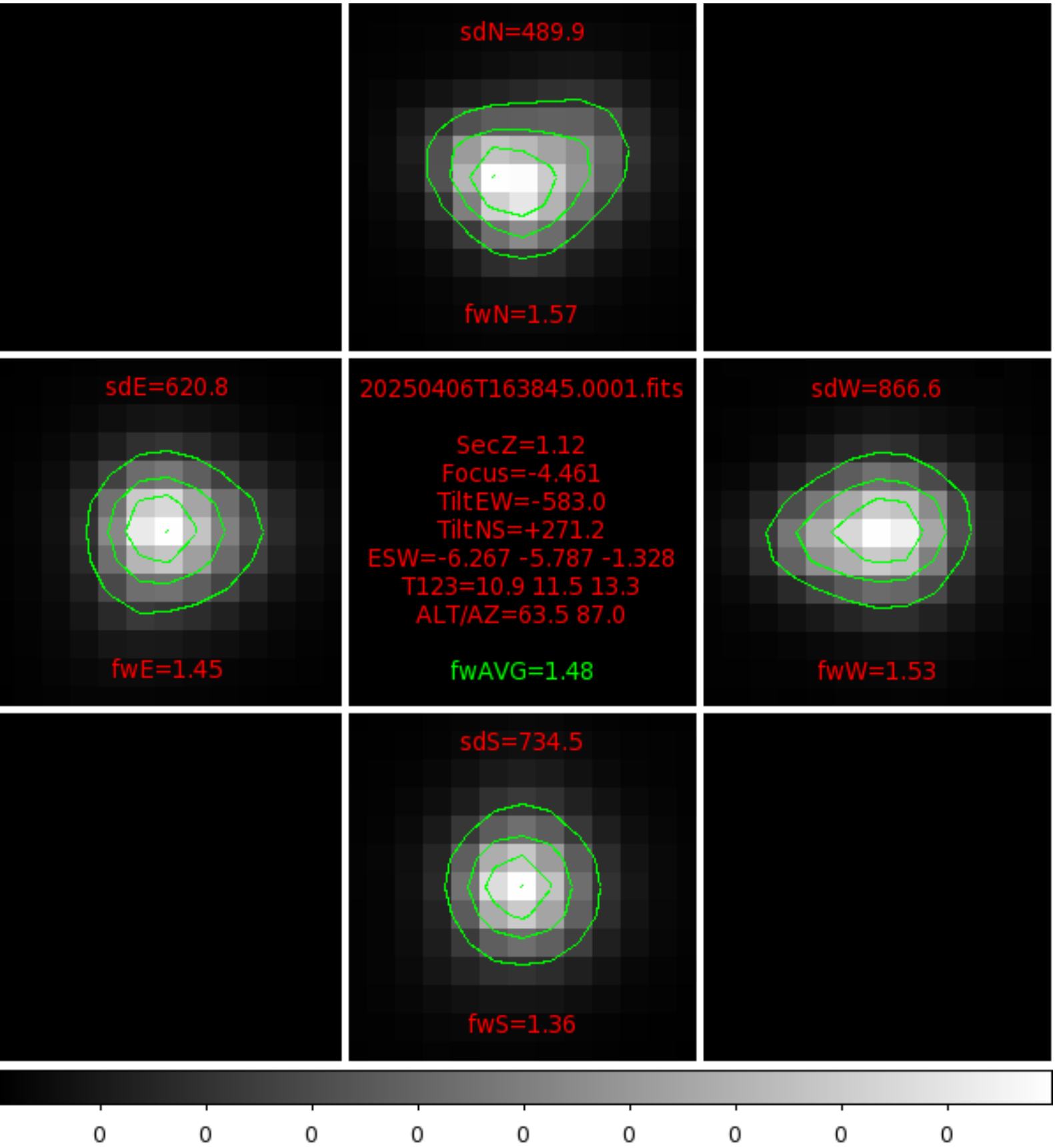
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.9 11.5 13.3
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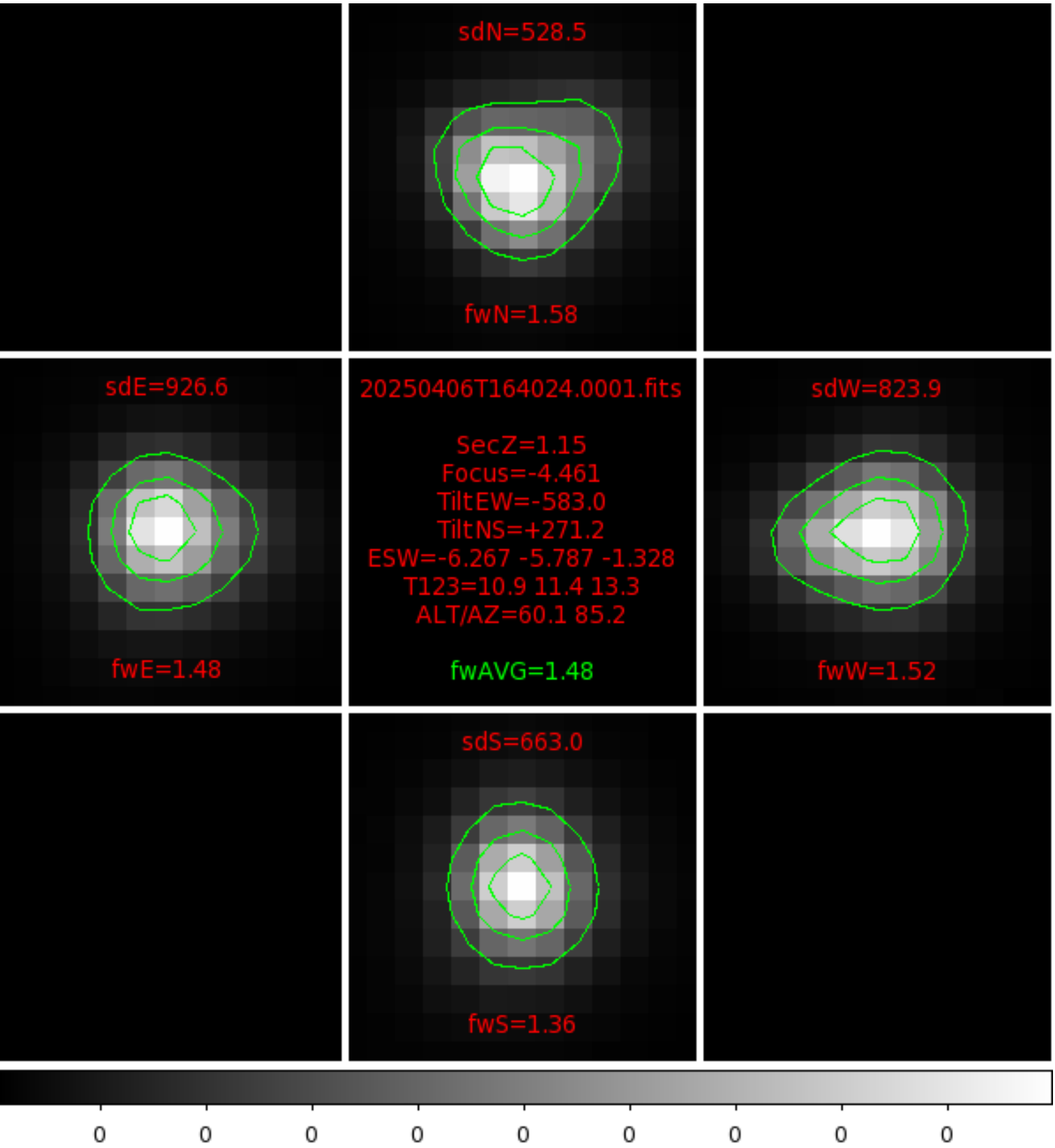
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sdE=926.6
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SecZ=1.15
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.9 11.4 13.3
ALT/AZ=60.1 85.2
fwAVG=1.48
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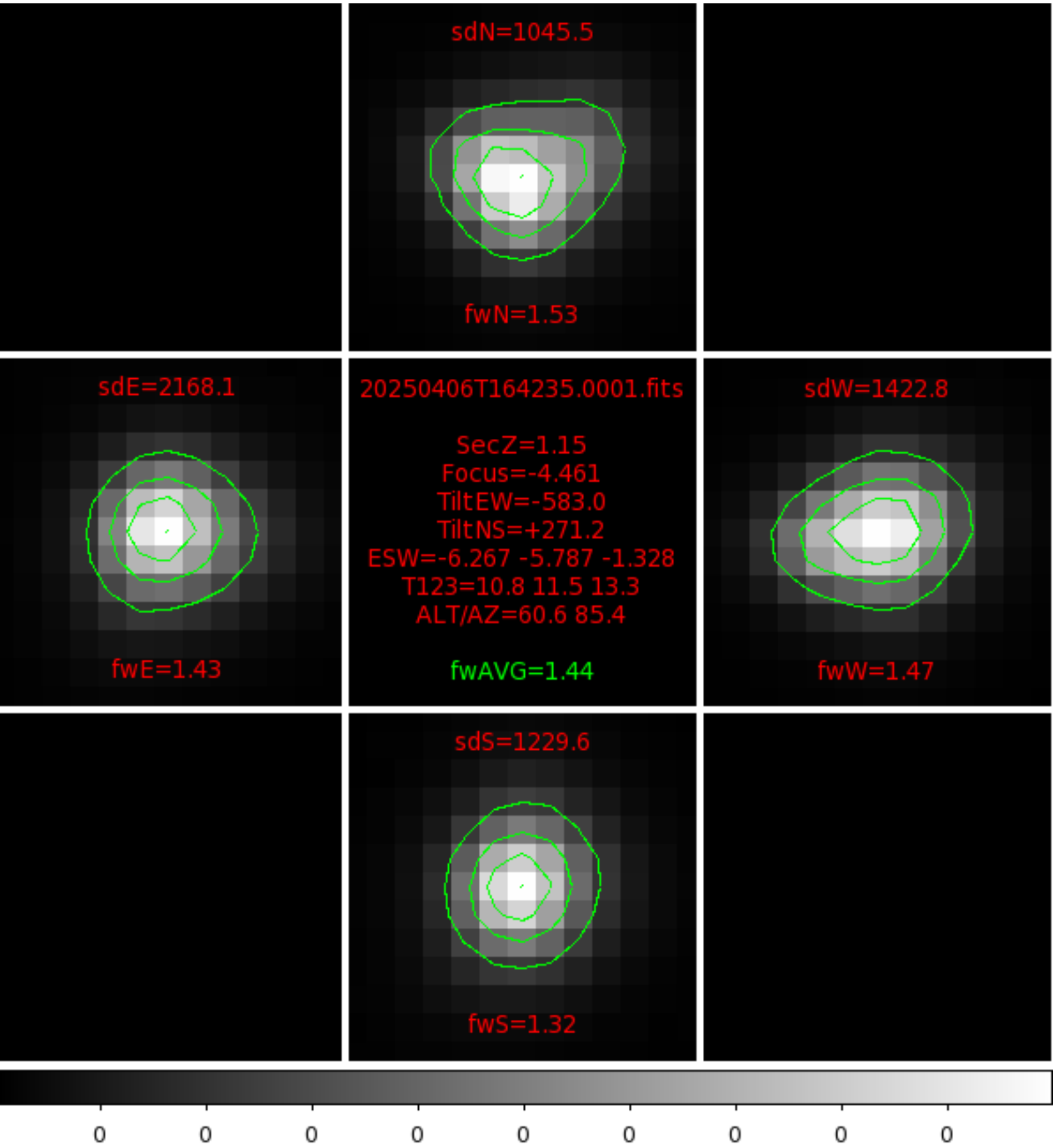
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ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.3
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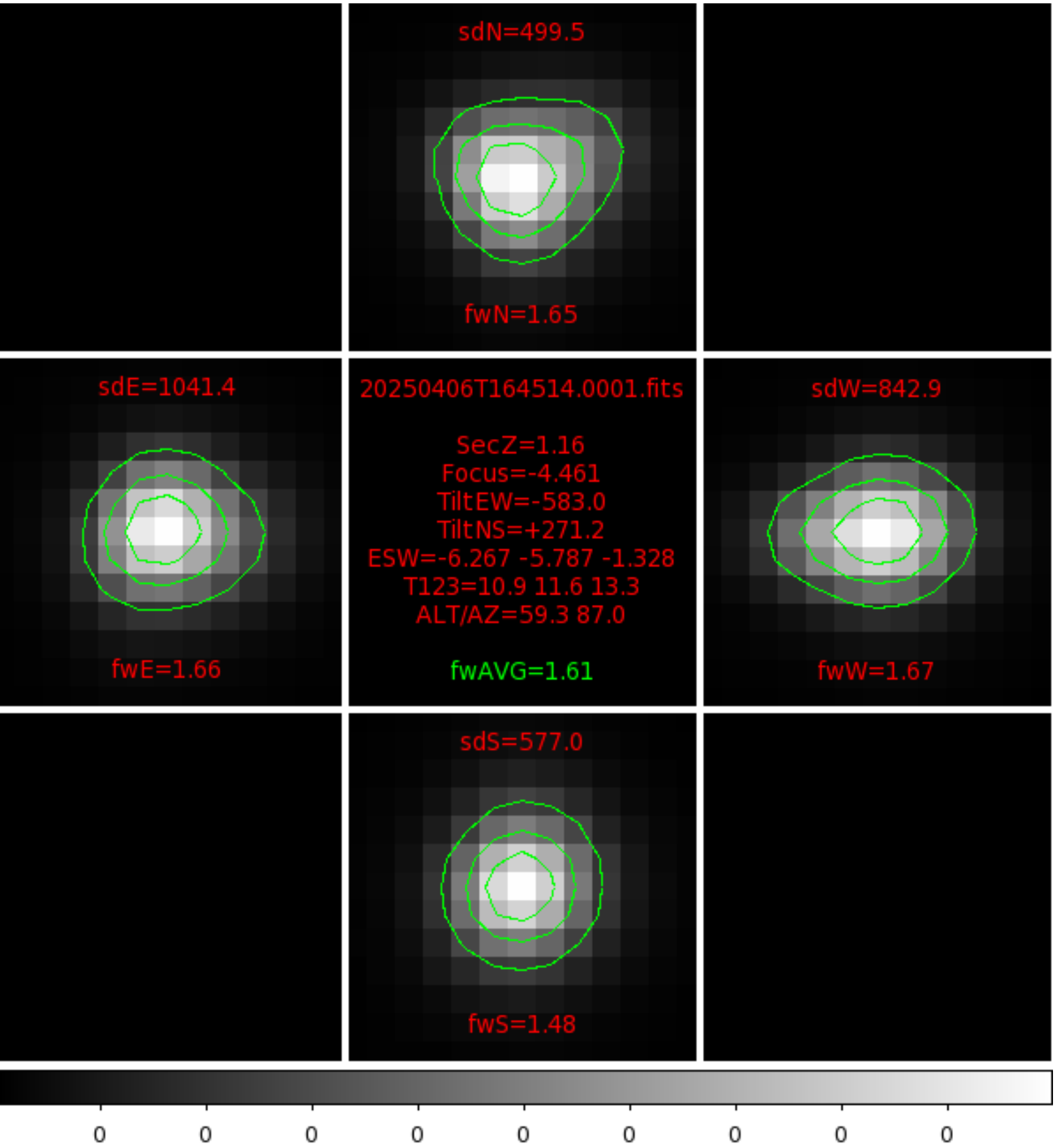
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T123=10.9 11.6 13.3
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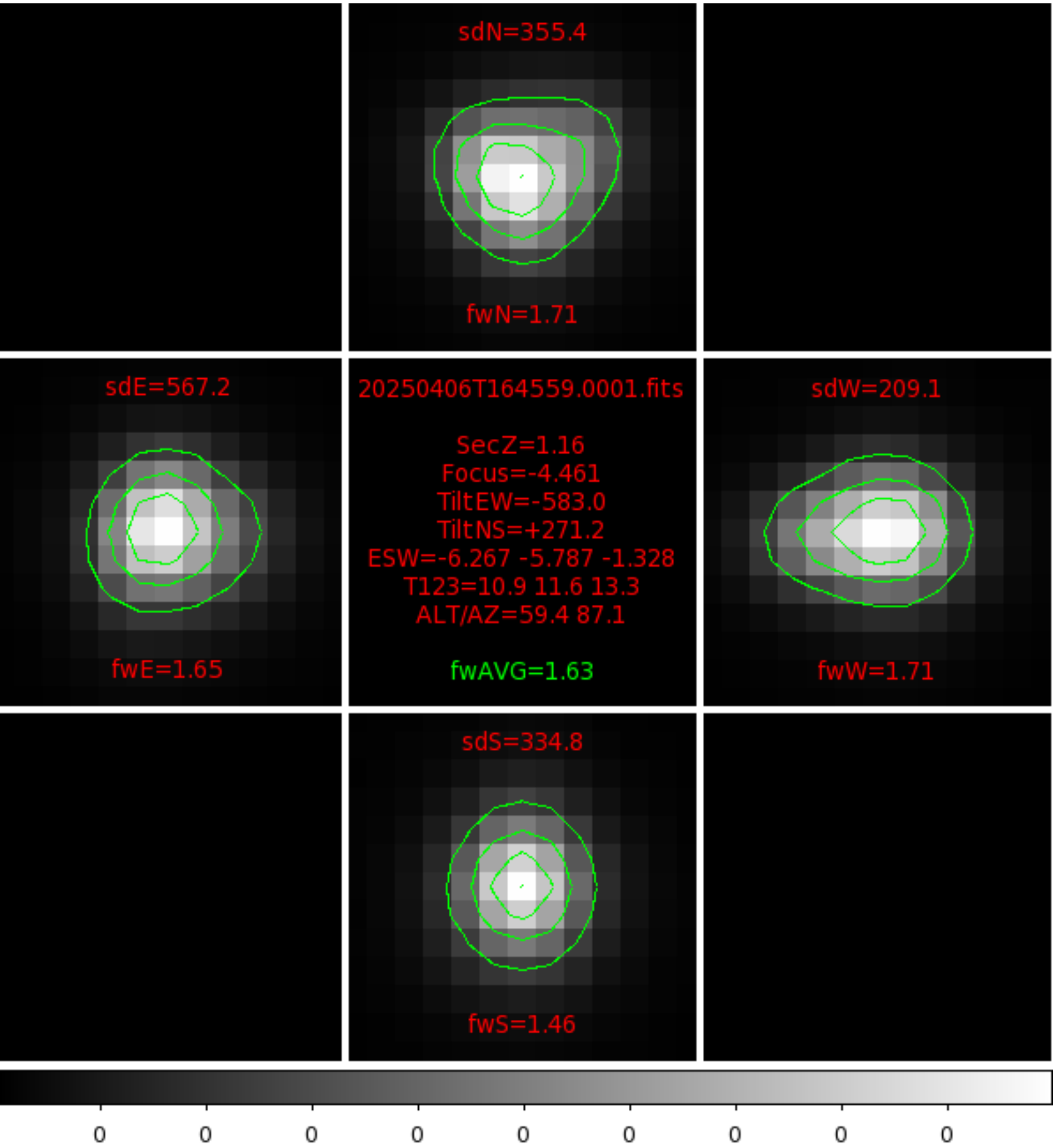
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.9 11.6 13.3
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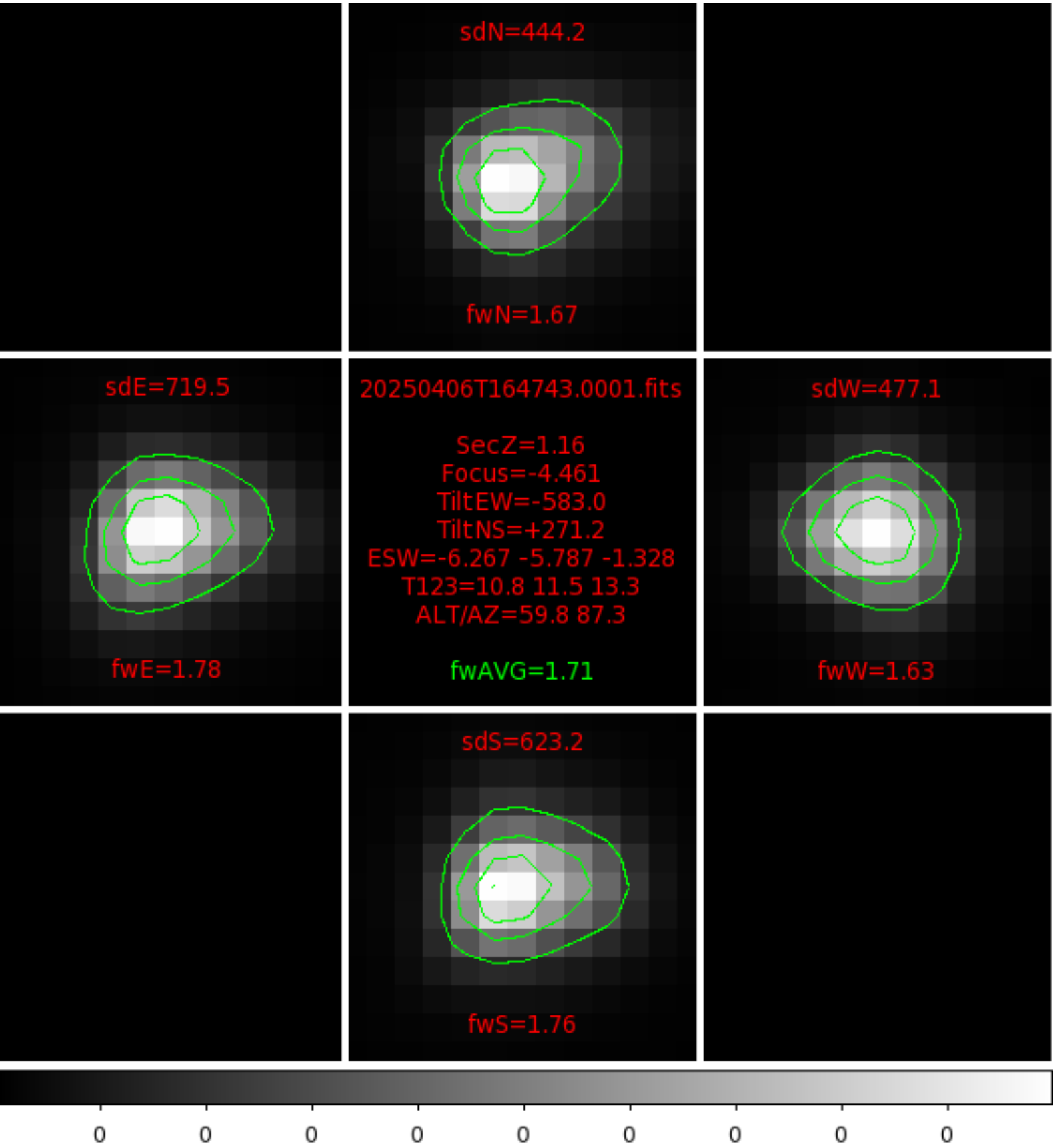
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SecZ=1.16
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.3
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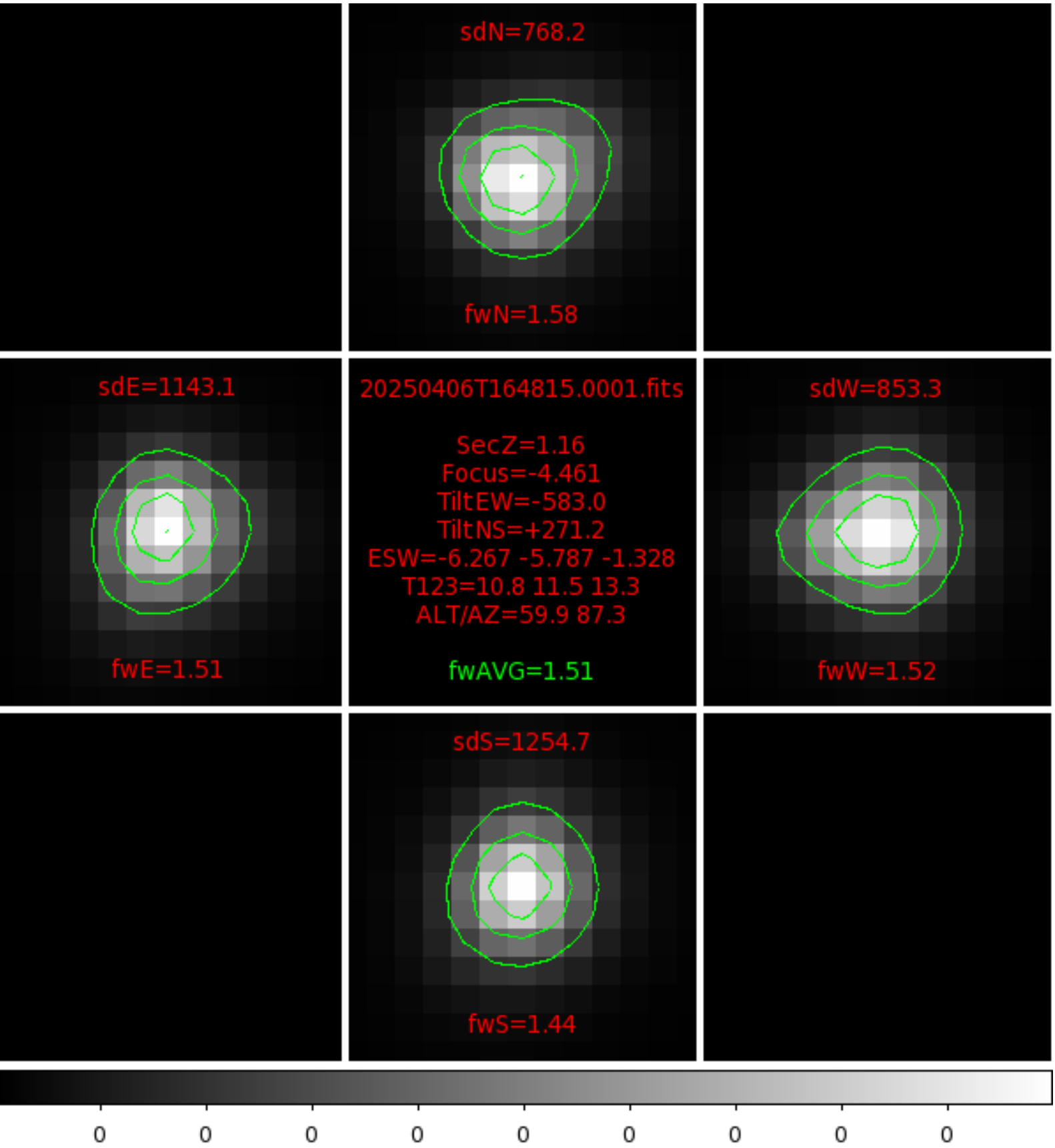
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SecZ=1.16
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.3
ALT/AZ=59.9 87.3
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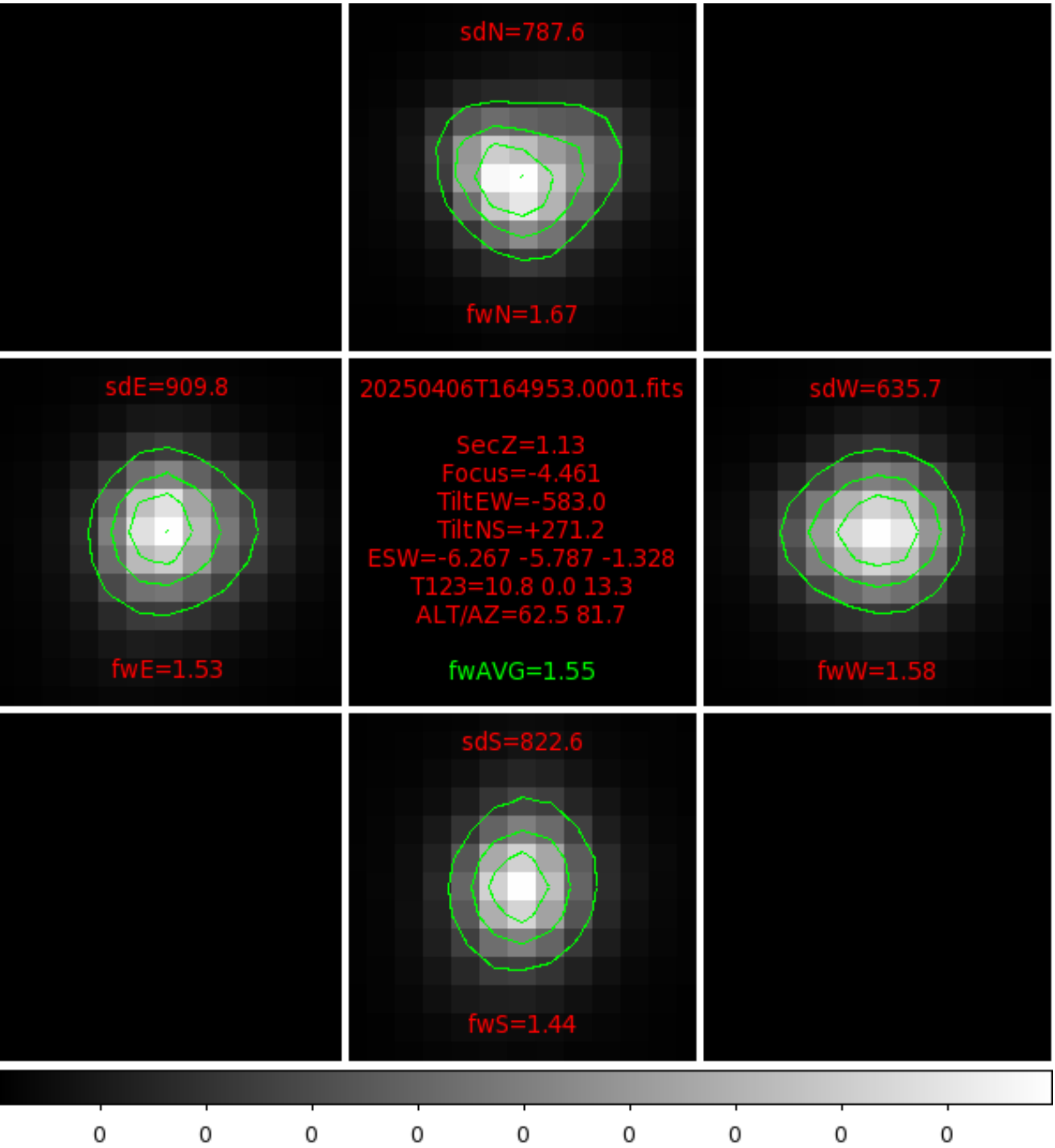
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TiltNS=+271.2
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T123=10.8 0.0 13.3
ALT/AZ=62.5 81.7
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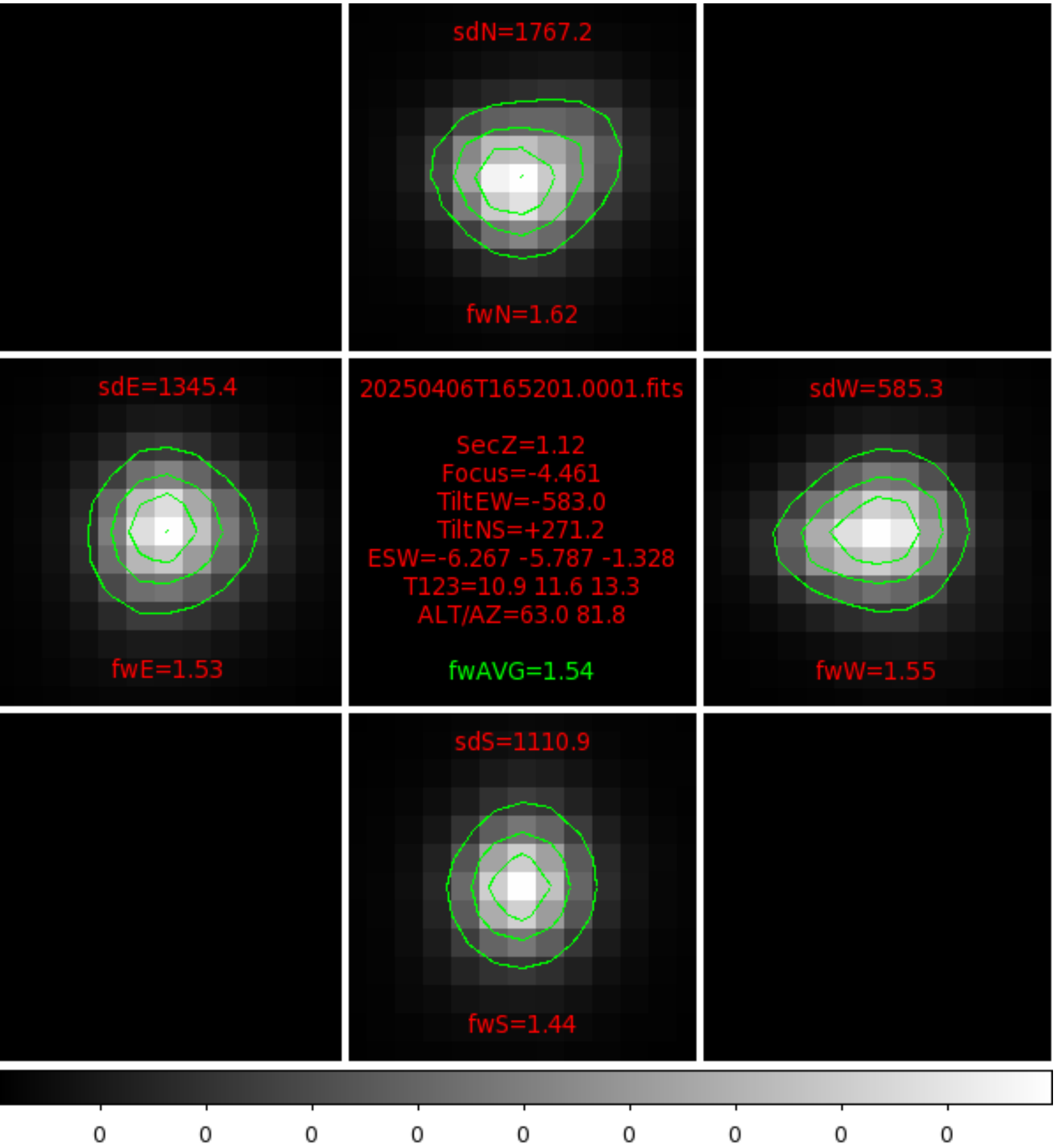
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TiltNS=+271.2
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T123=10.9 11.6 13.3
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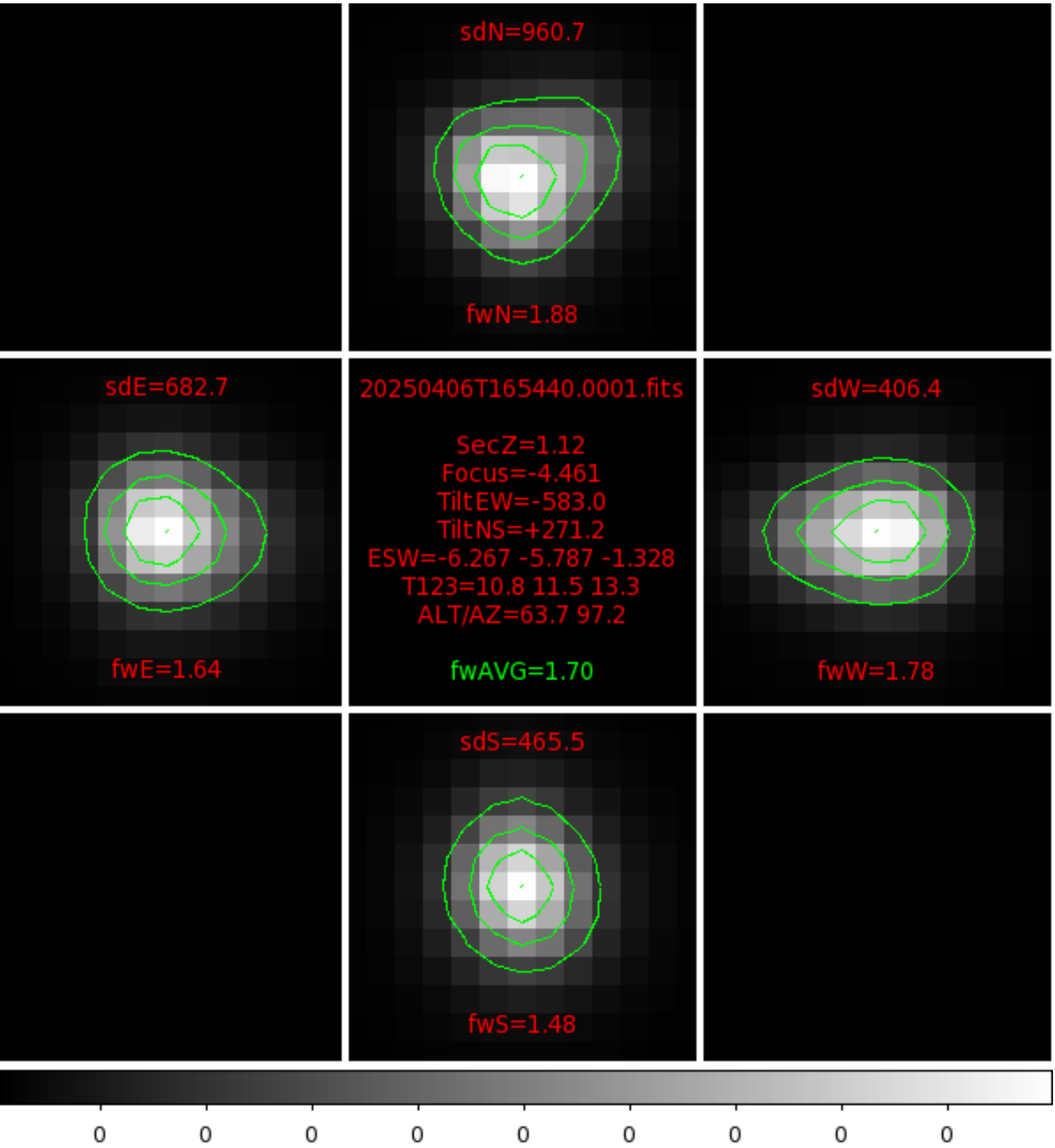
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SecZ=1.12
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.3
ALT/AZ=63.7 97.2
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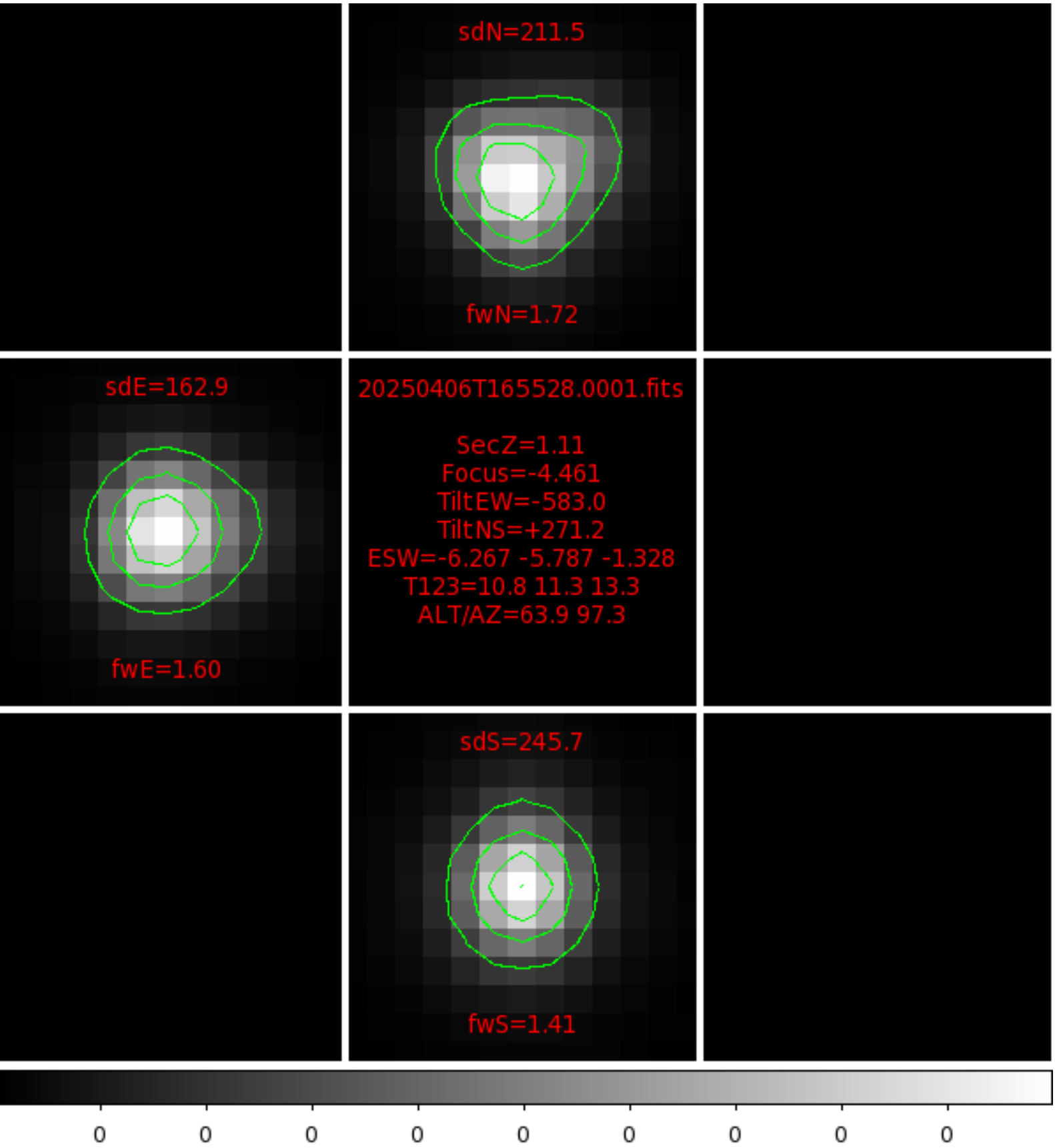
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.3 13.3
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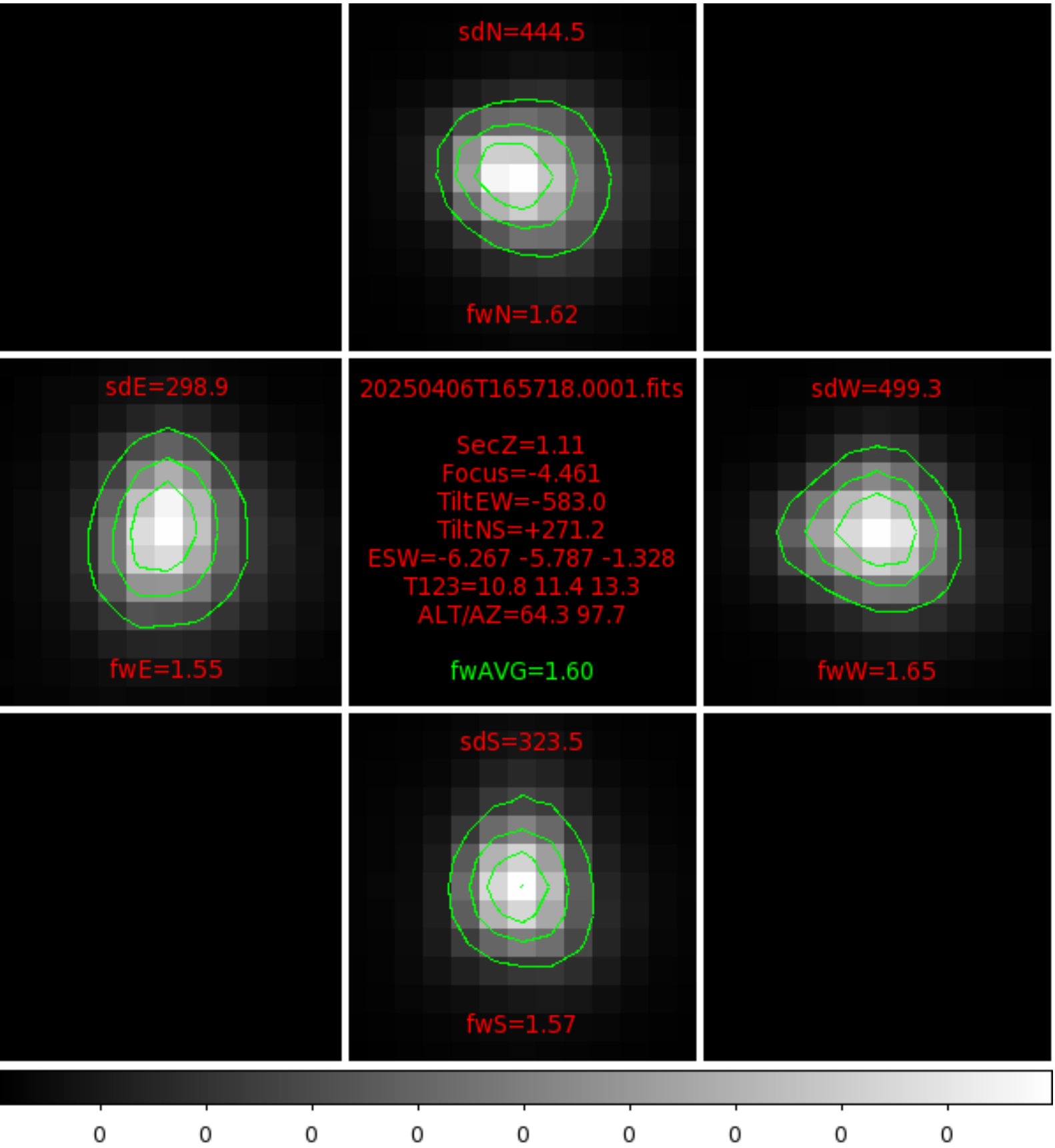
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.4 13.3
ALT/AZ=64.3 97.7
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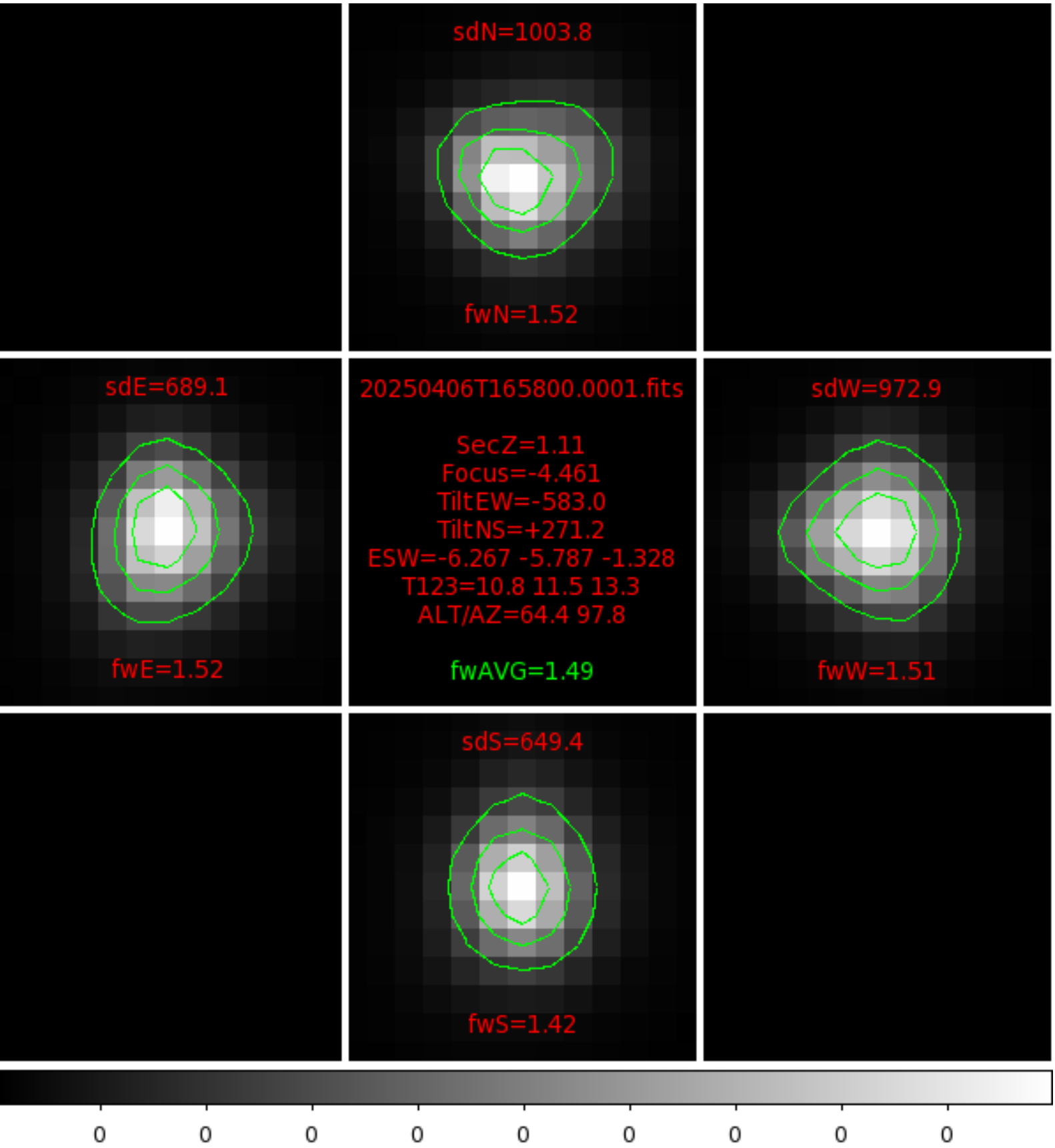
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SecZ=1.11
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ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.3
ALT/AZ=64.4 97.8
fwAVG=1.49
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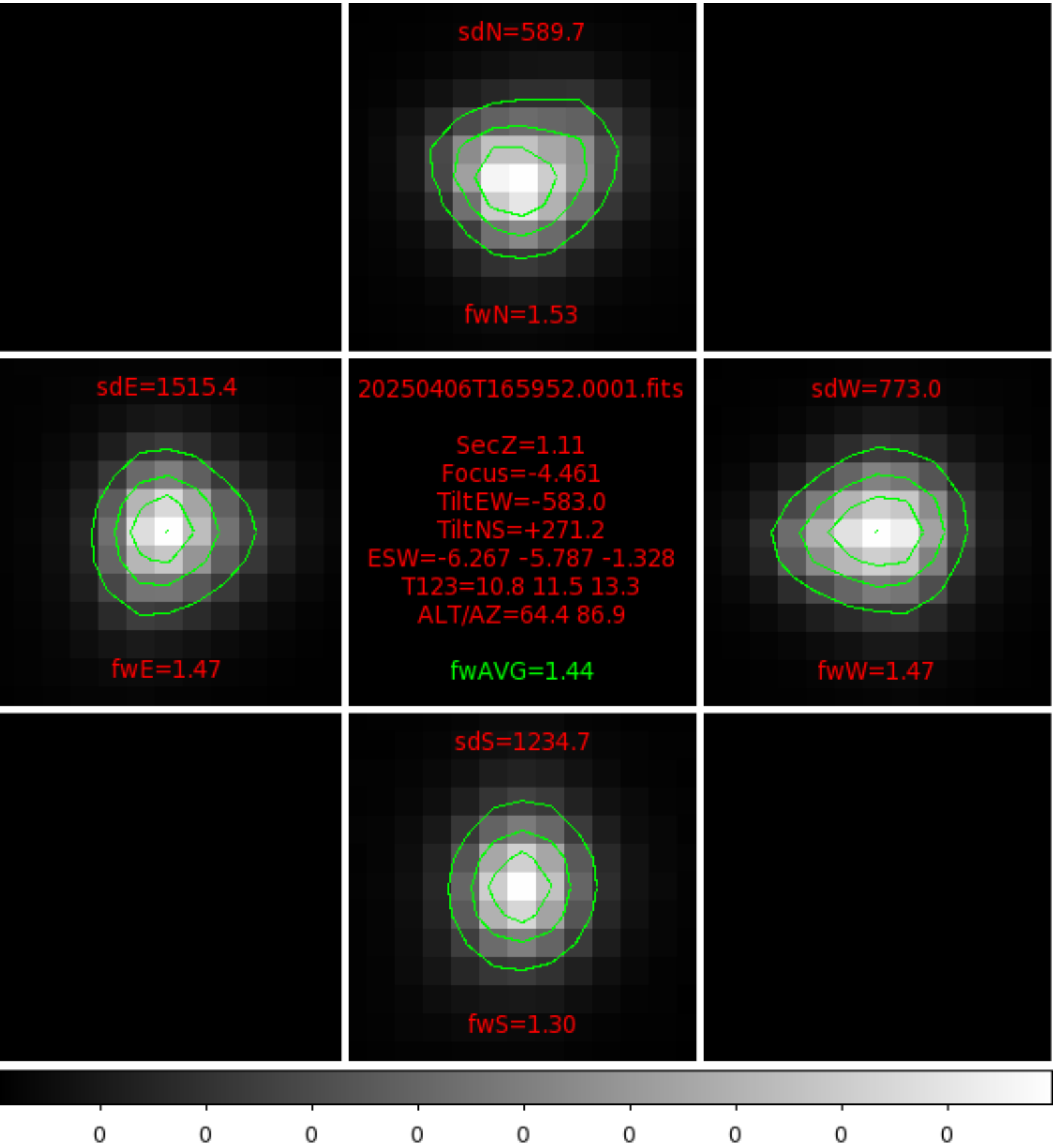
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fwAVG=1.44
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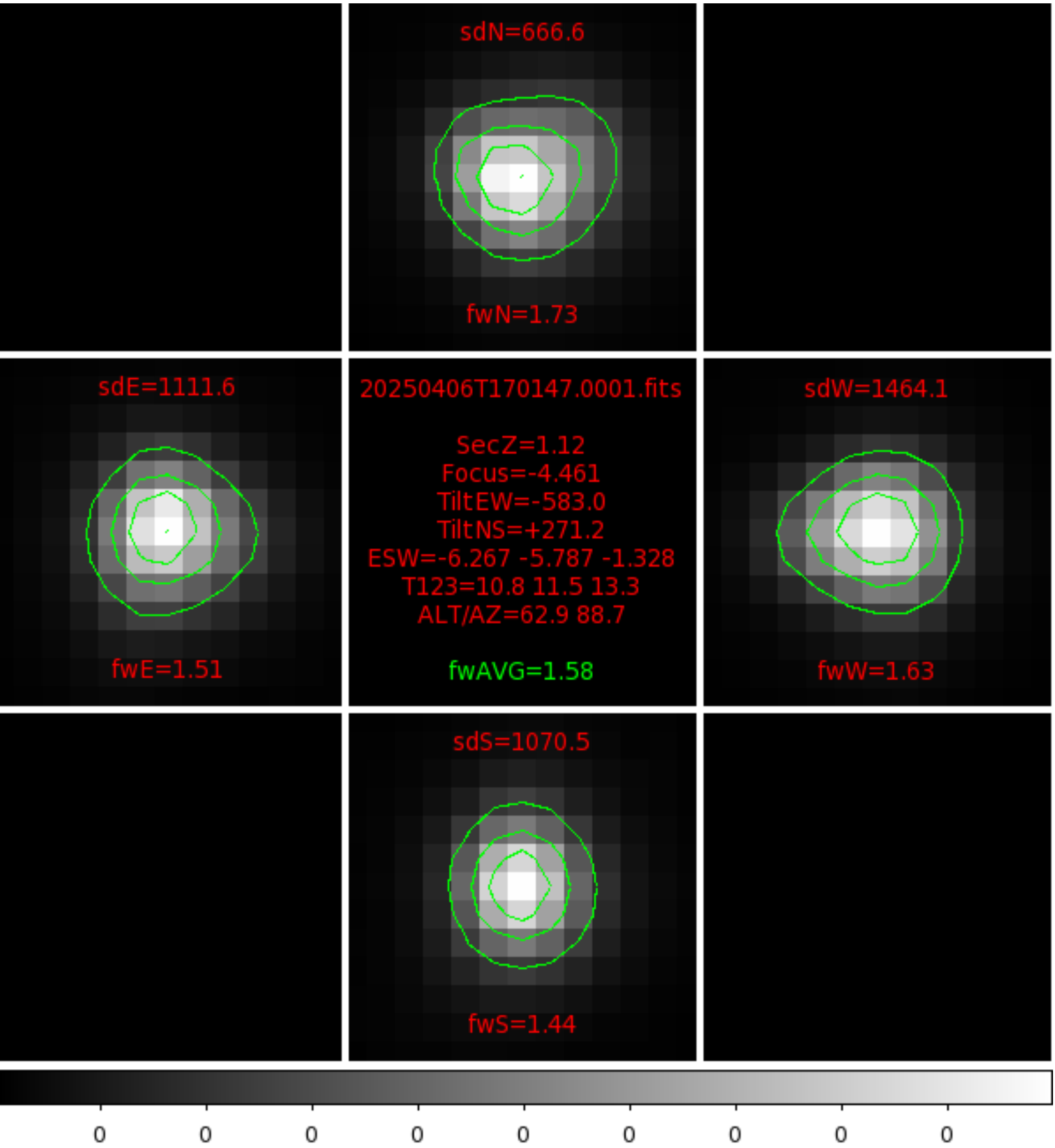
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ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.3
ALT/AZ=62.9 88.7
fwAVG=1.58
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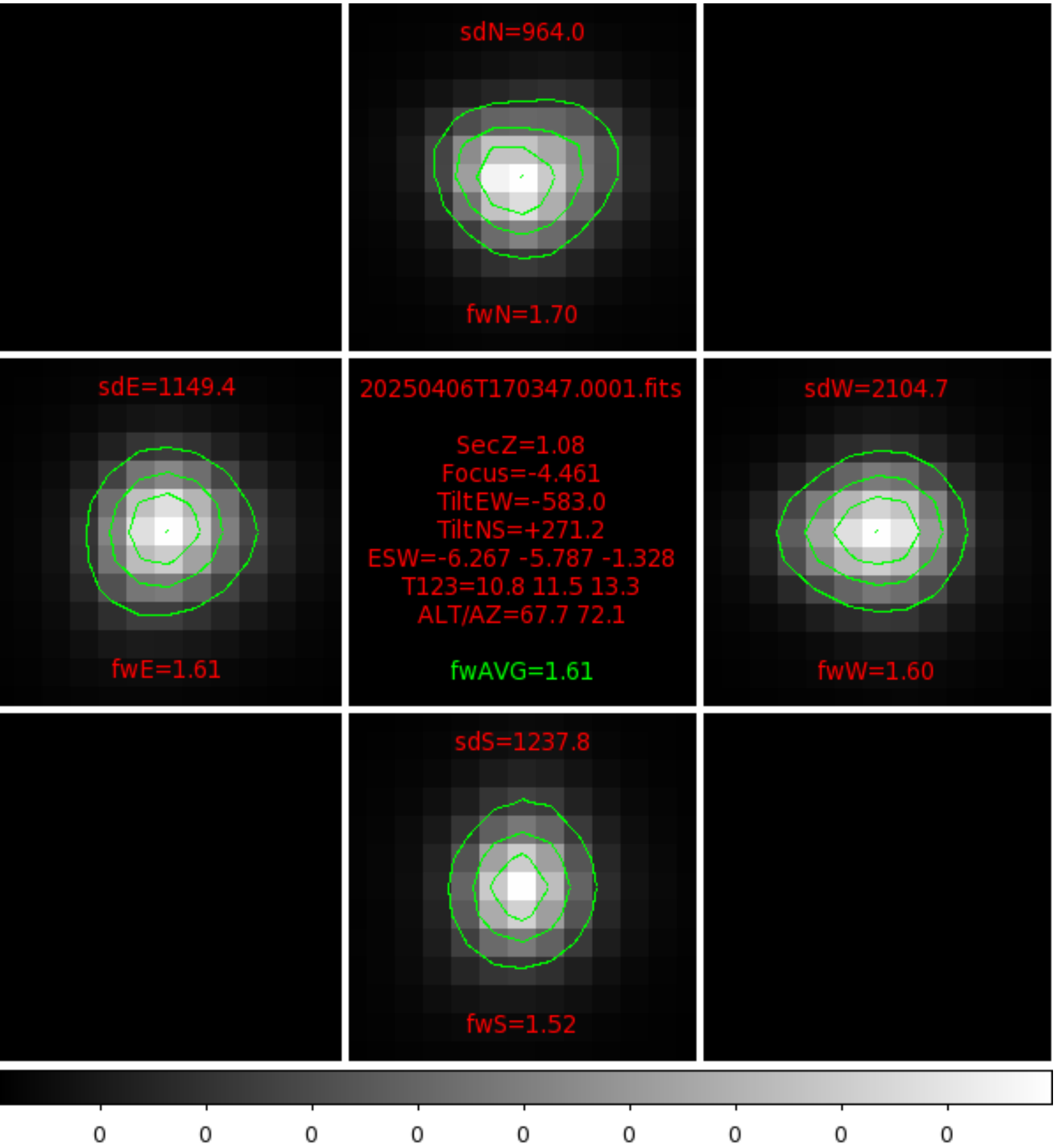
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.3
ALT/AZ=67.7 72.1
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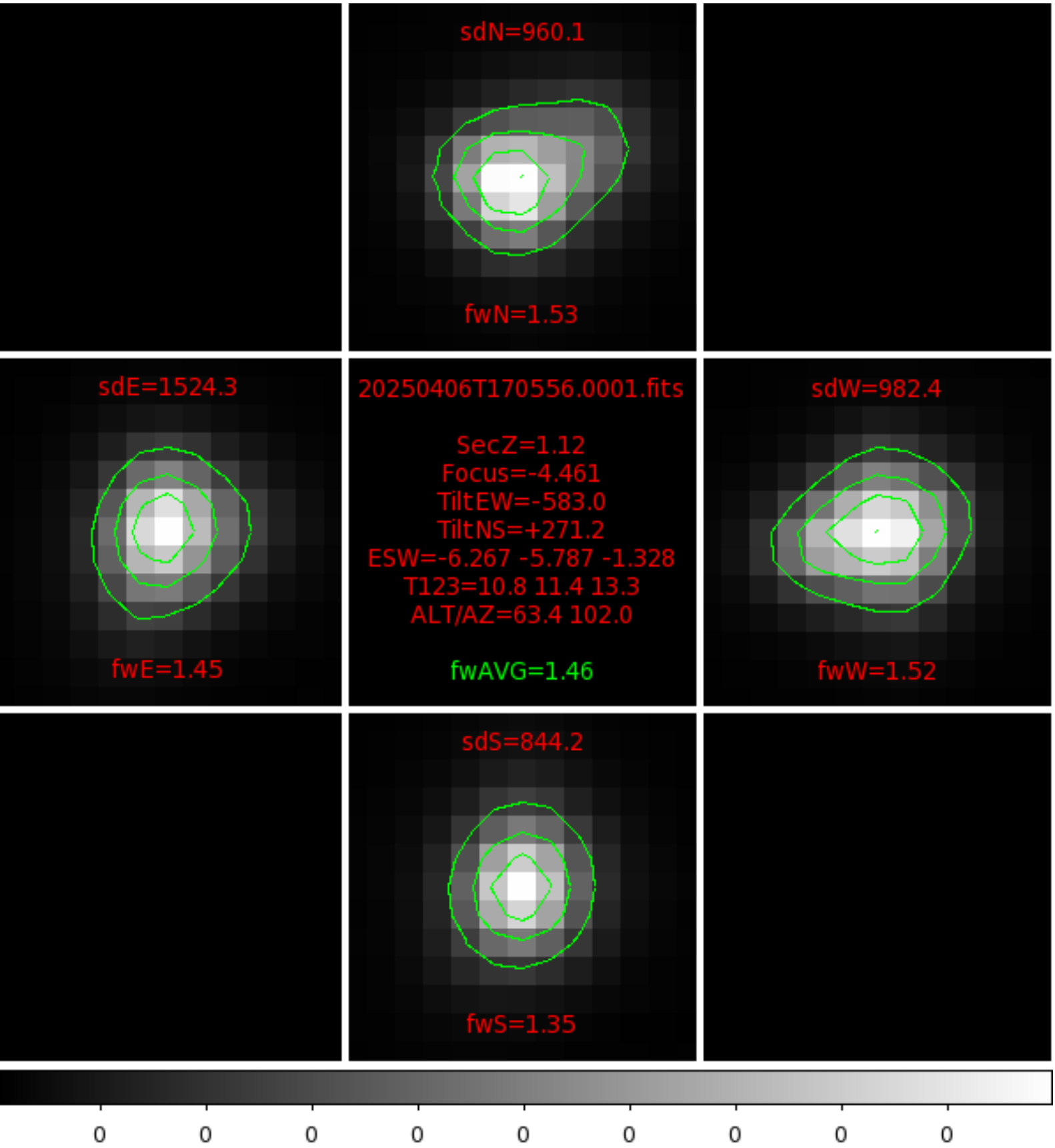
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.4 13.3
ALT/AZ=63.4 102.0
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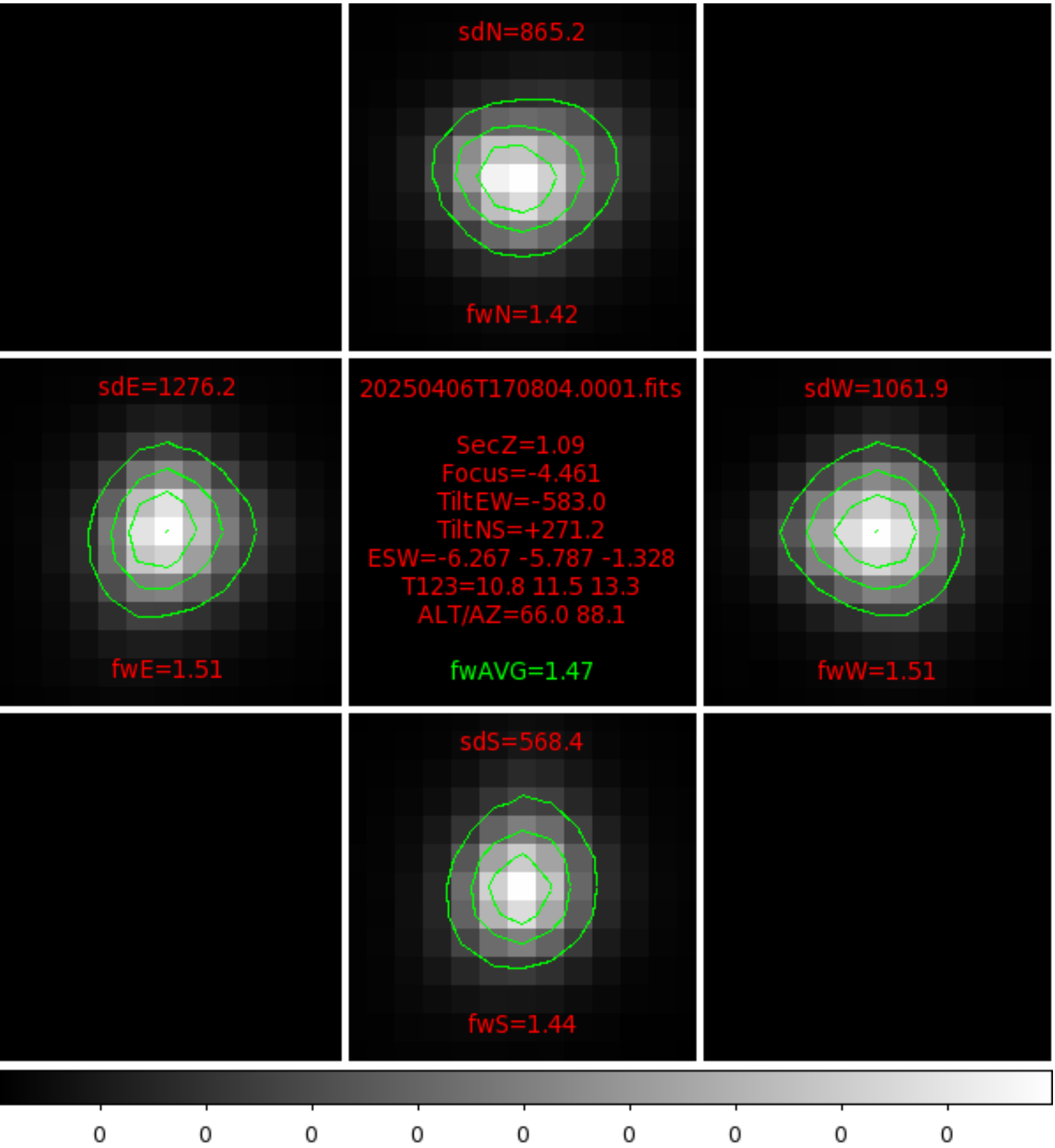
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SecZ=1.09
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.3
ALT/AZ=66.0 88.1
fwAVG=1.47
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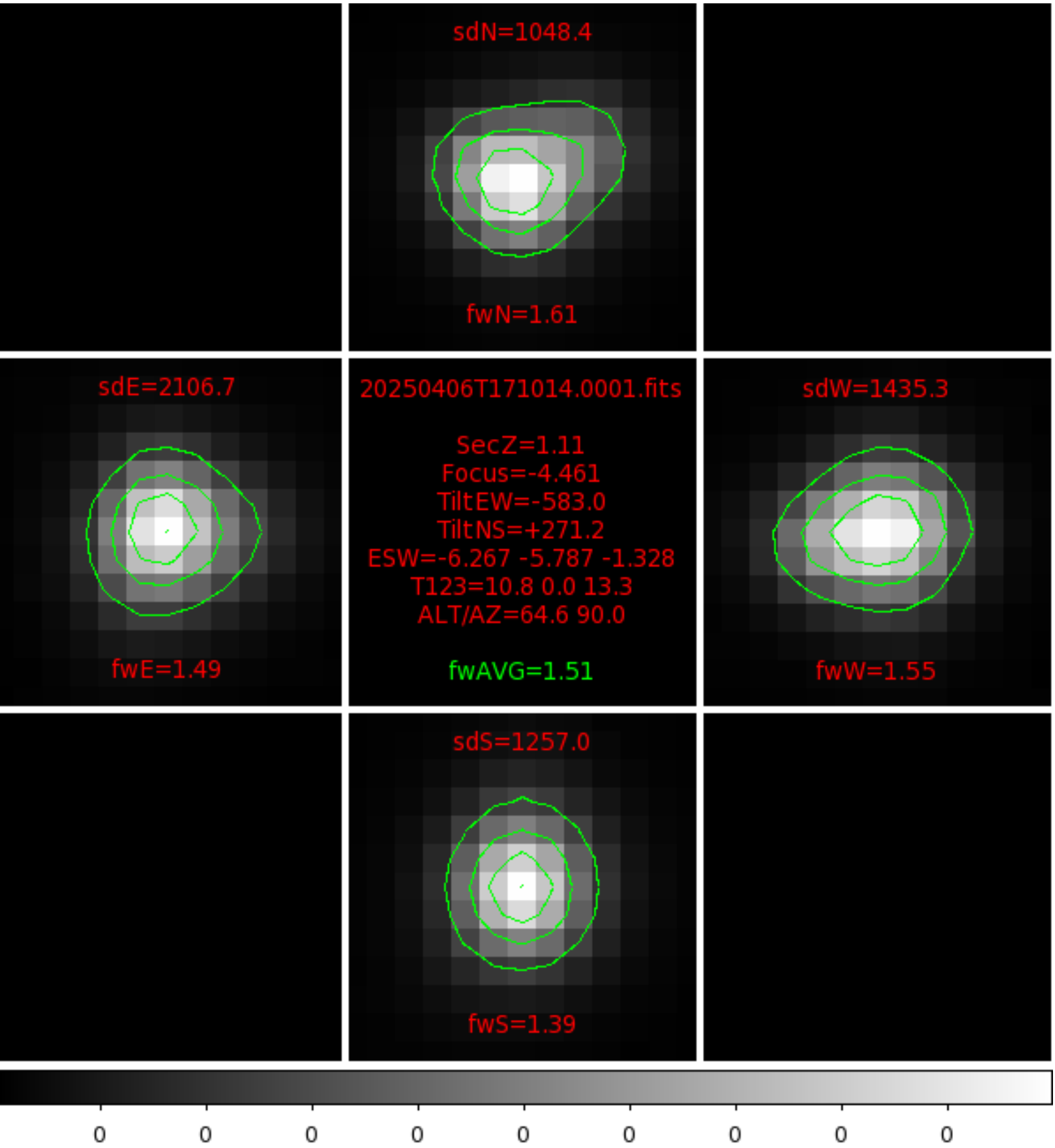
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Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 0.0 13.3
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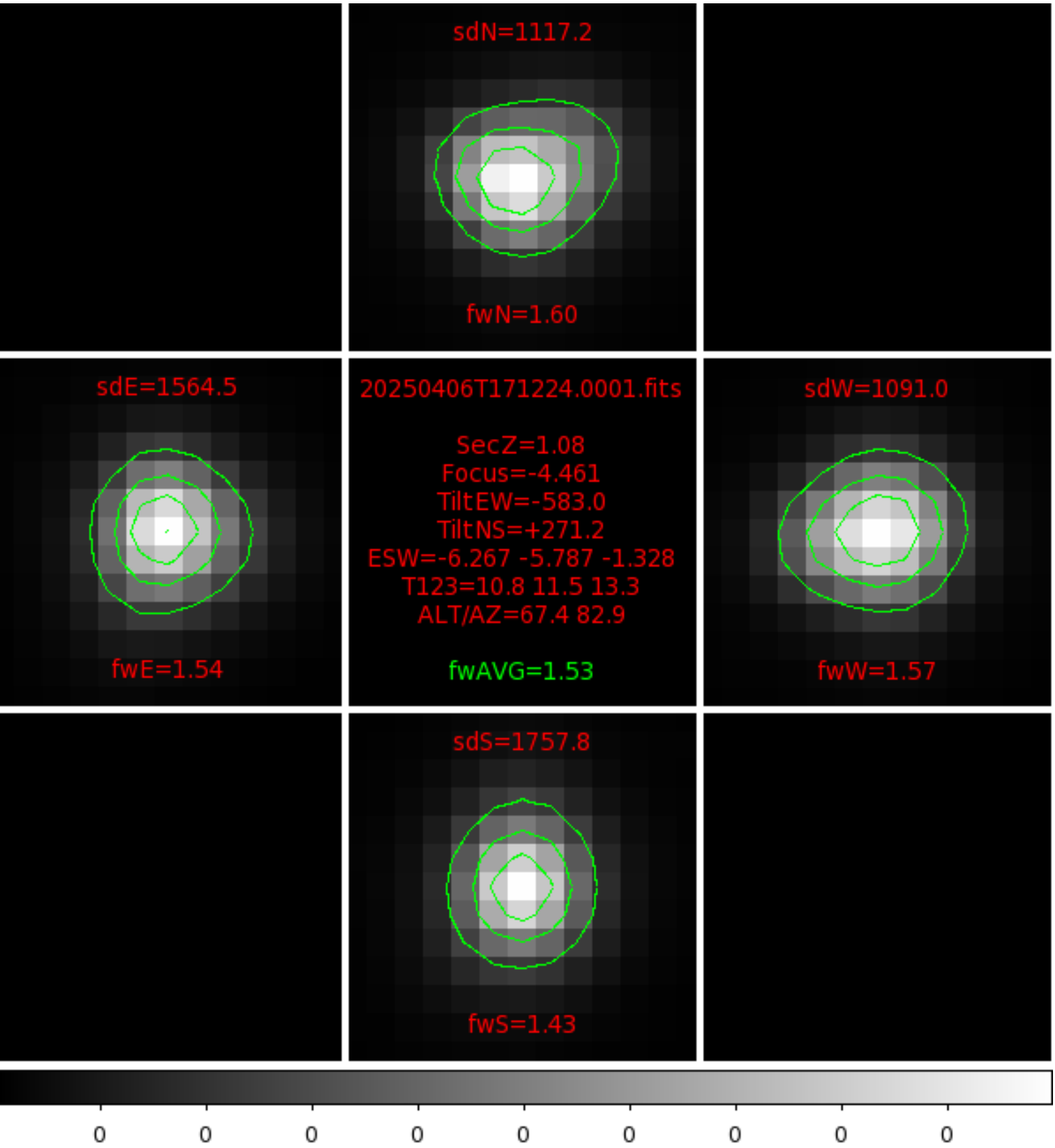
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SecZ=1.08
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.3
ALT/AZ=67.4 82.9
fwAVG=1.53
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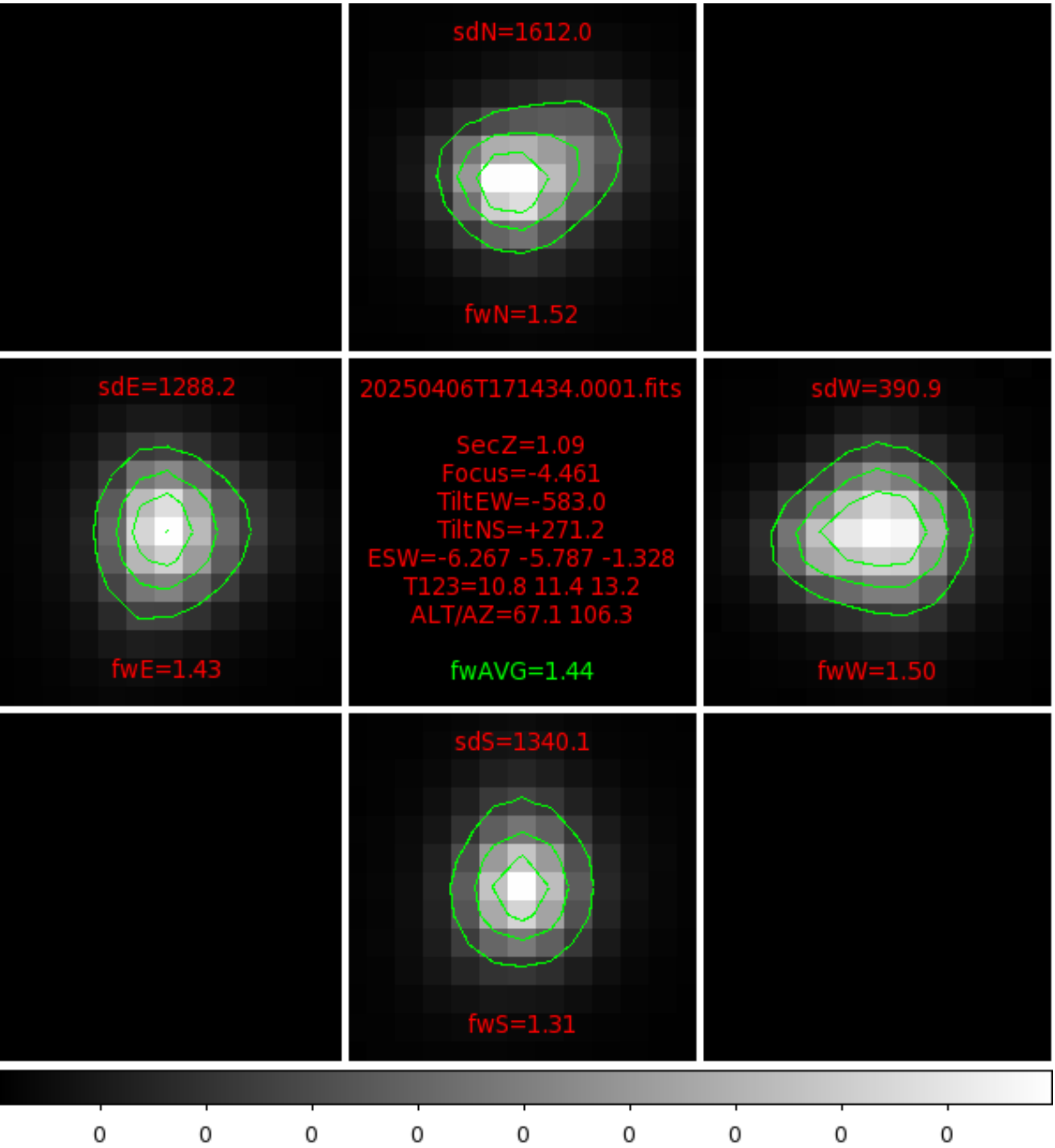
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Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.4 13.2
ALT/AZ=67.1 106.3
fwAVG=1.44
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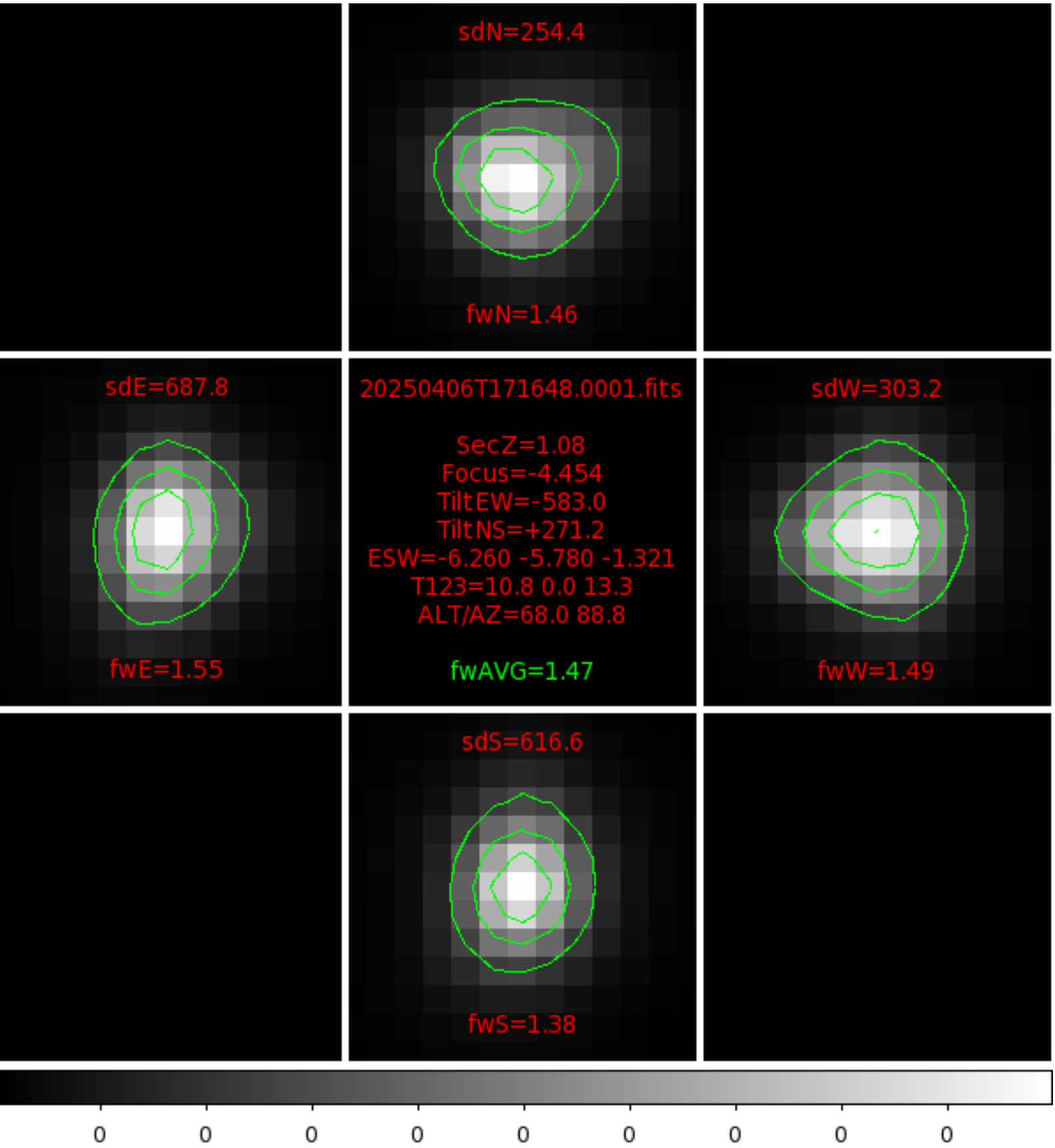
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SecZ=1.08
Focus=-4.454
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.260 -5.780 -1.321
T123=10.8 0.0 13.3
ALT/AZ=68.0 88.8
fwAVG=1.47
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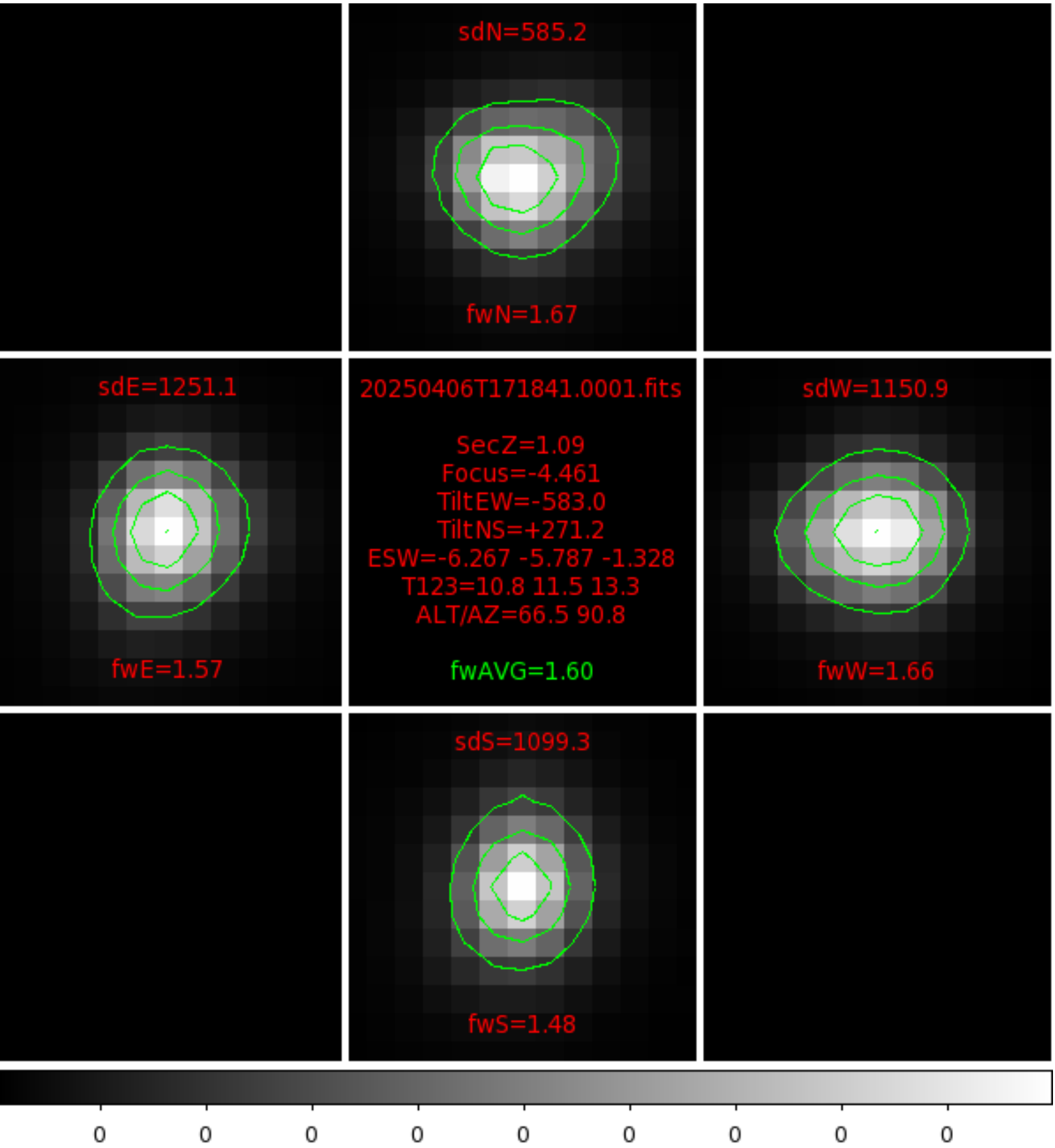
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SecZ=1.09
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.3
ALT/AZ=66.5 90.8
fwAVG=1.60
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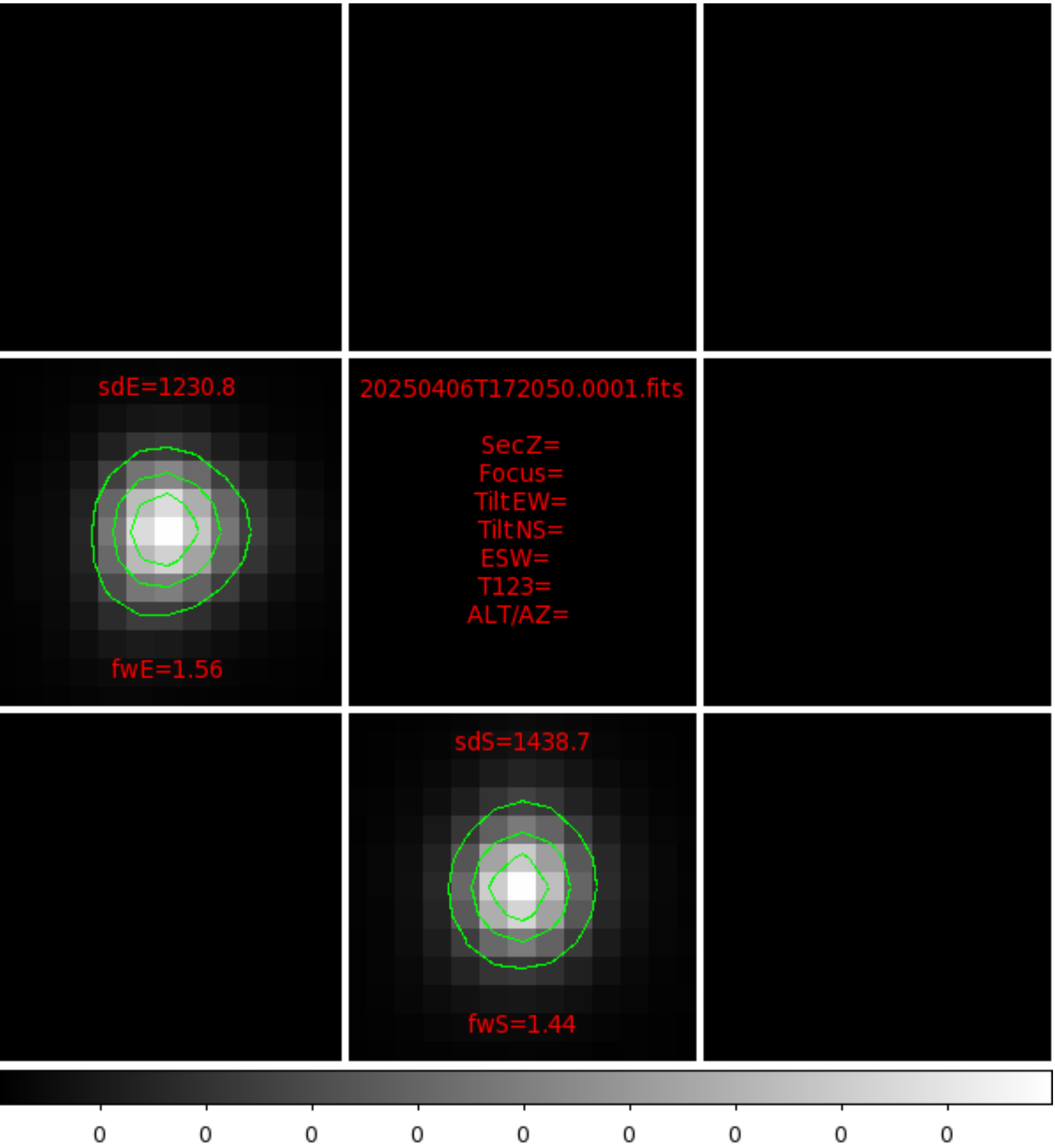
sdE=1230.8
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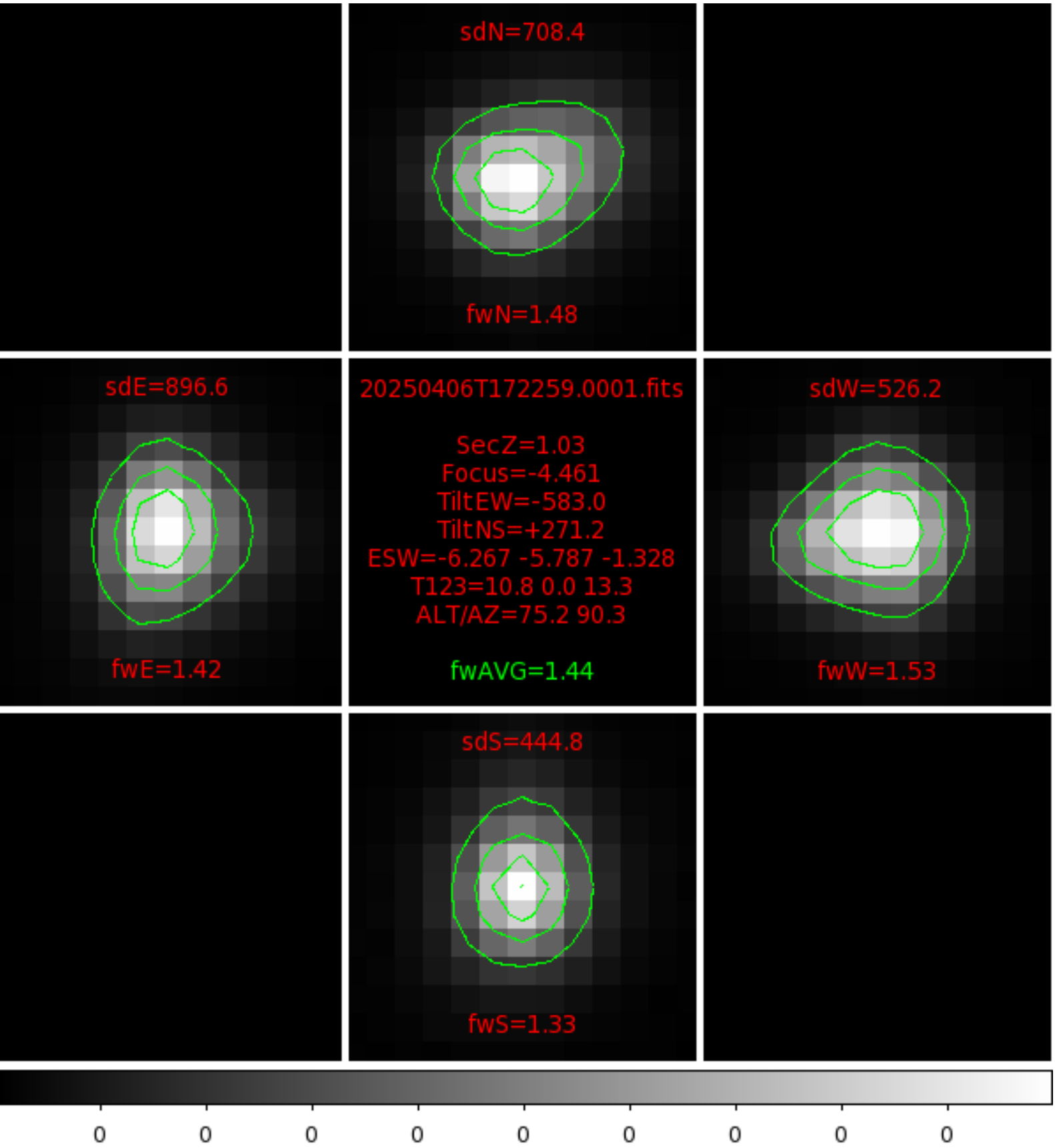
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ESW=-6.267 -5.787 -1.328
T123=10.8 0.0 13.3
ALT/AZ=75.2 90.3
fwAVG=1.44
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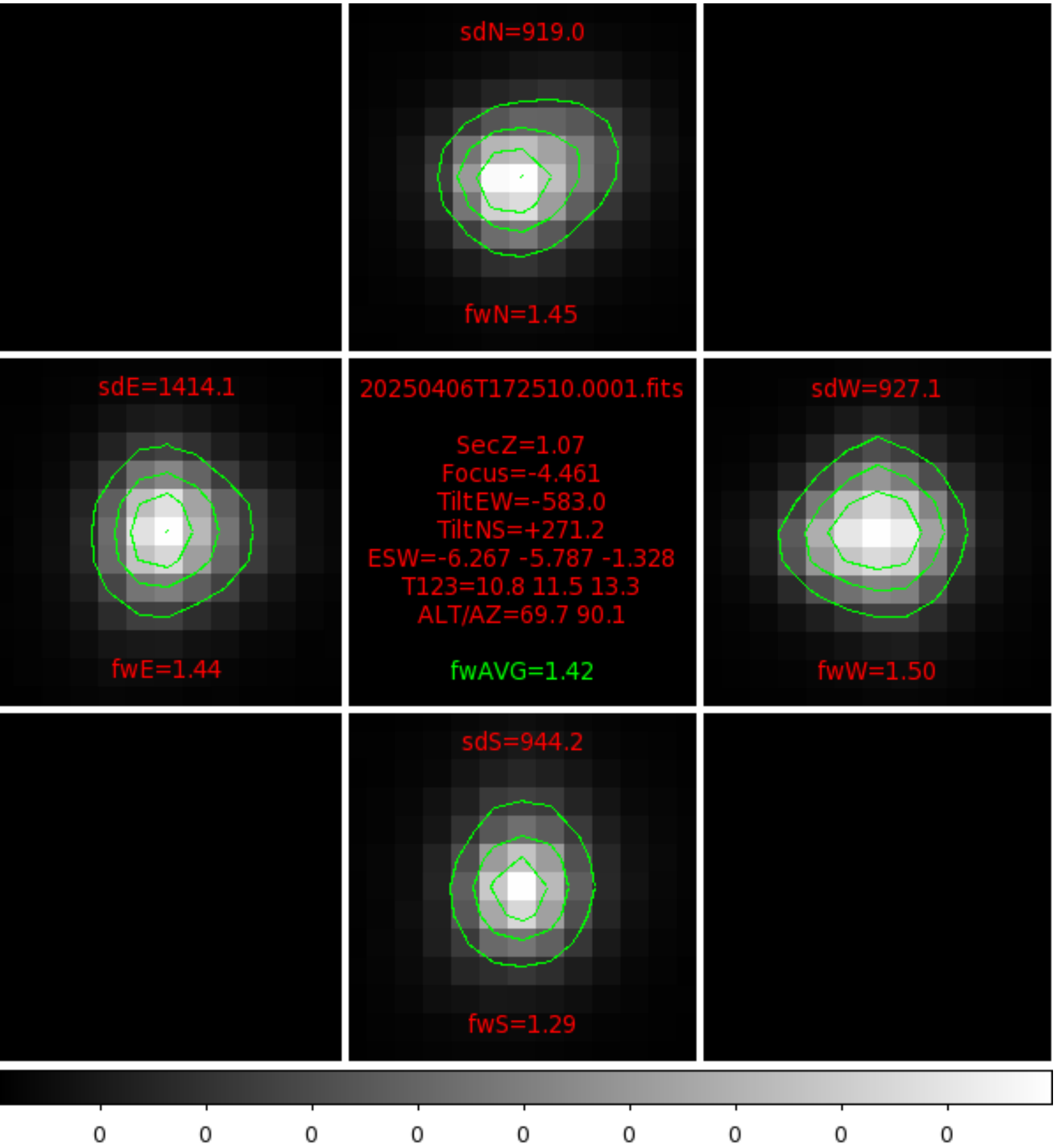
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SecZ=1.07
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.3
ALT/AZ=69.7 90.1
fwAVG=1.42
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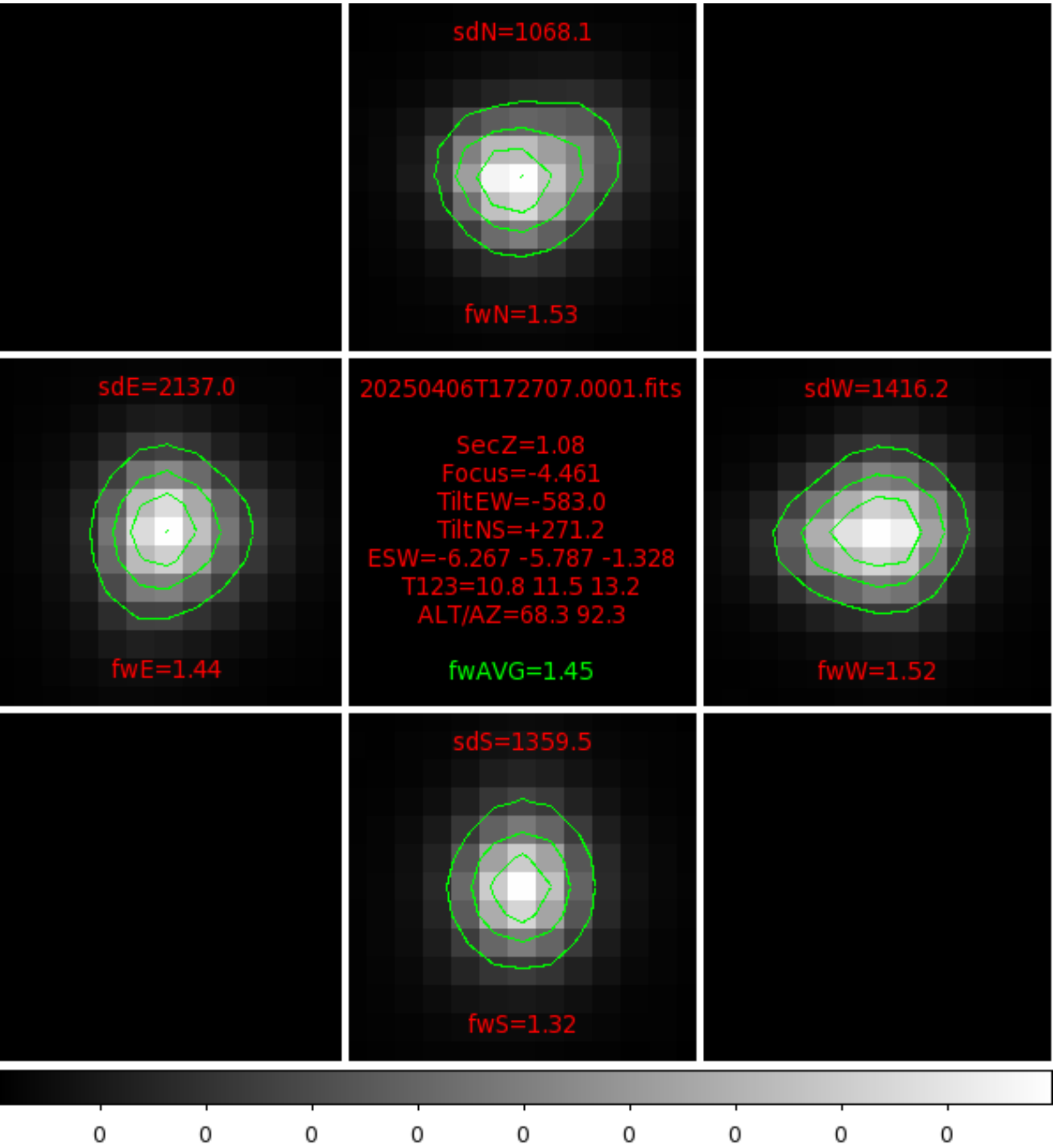
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sdE=2137.0
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SecZ=1.08
Focus=-4.461
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.2
ALT/AZ=68.3 92.3
fwAVG=1.45
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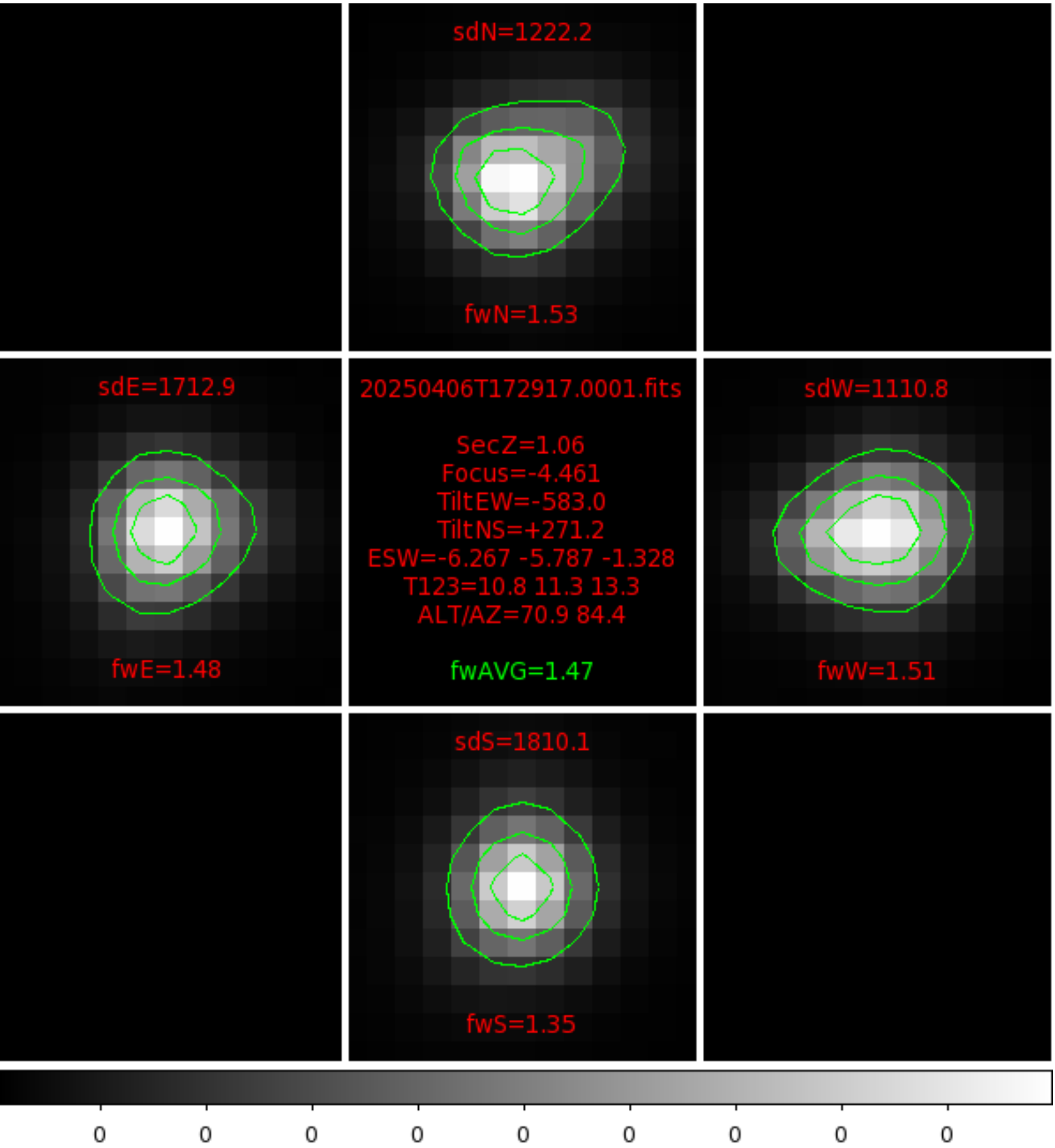
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sdE=1712.9
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.3 13.3
ALT/AZ=70.9 84.4
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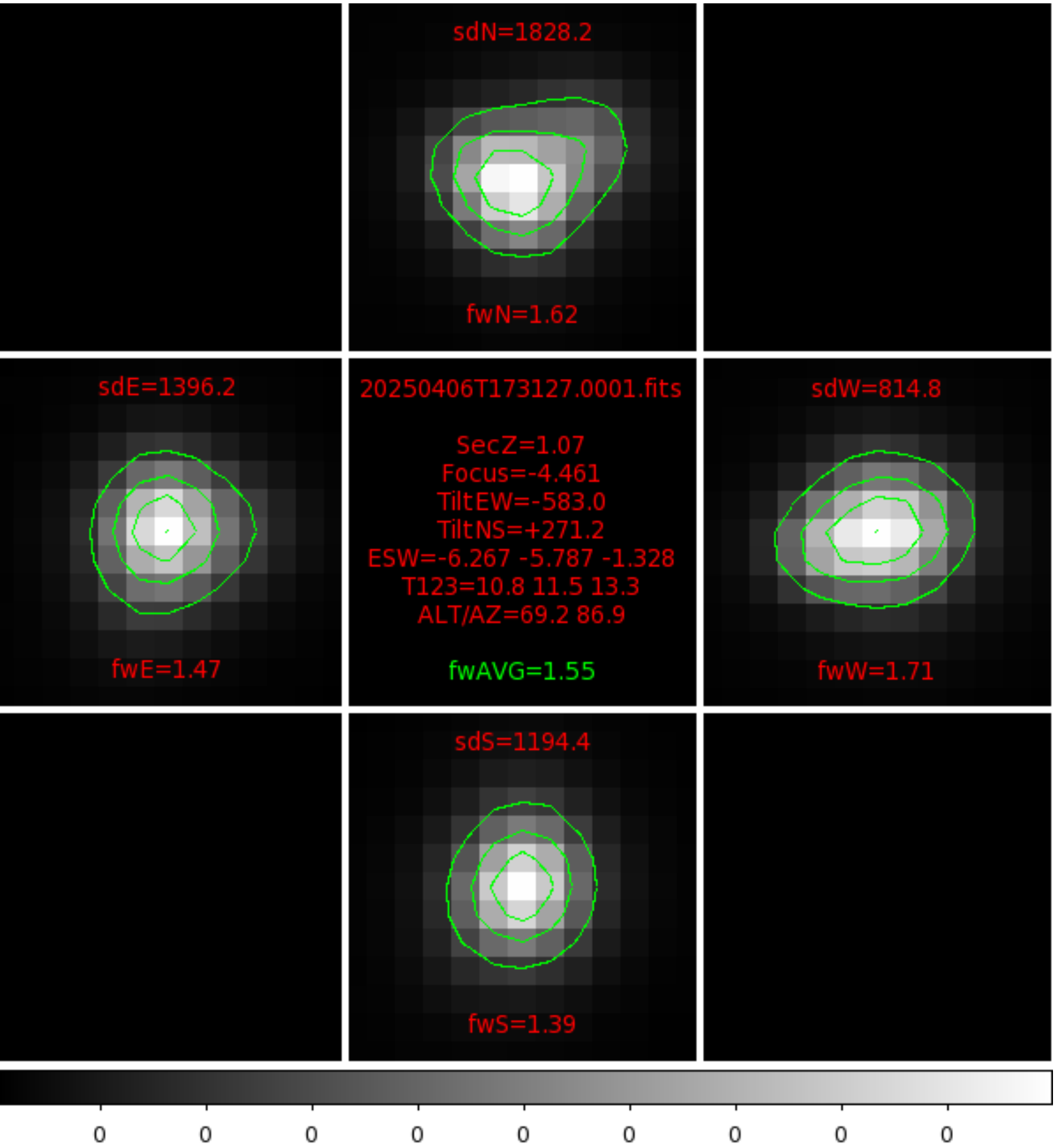
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SecZ=1.07
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.3
ALT/AZ=69.2 86.9
fwAVG=1.55
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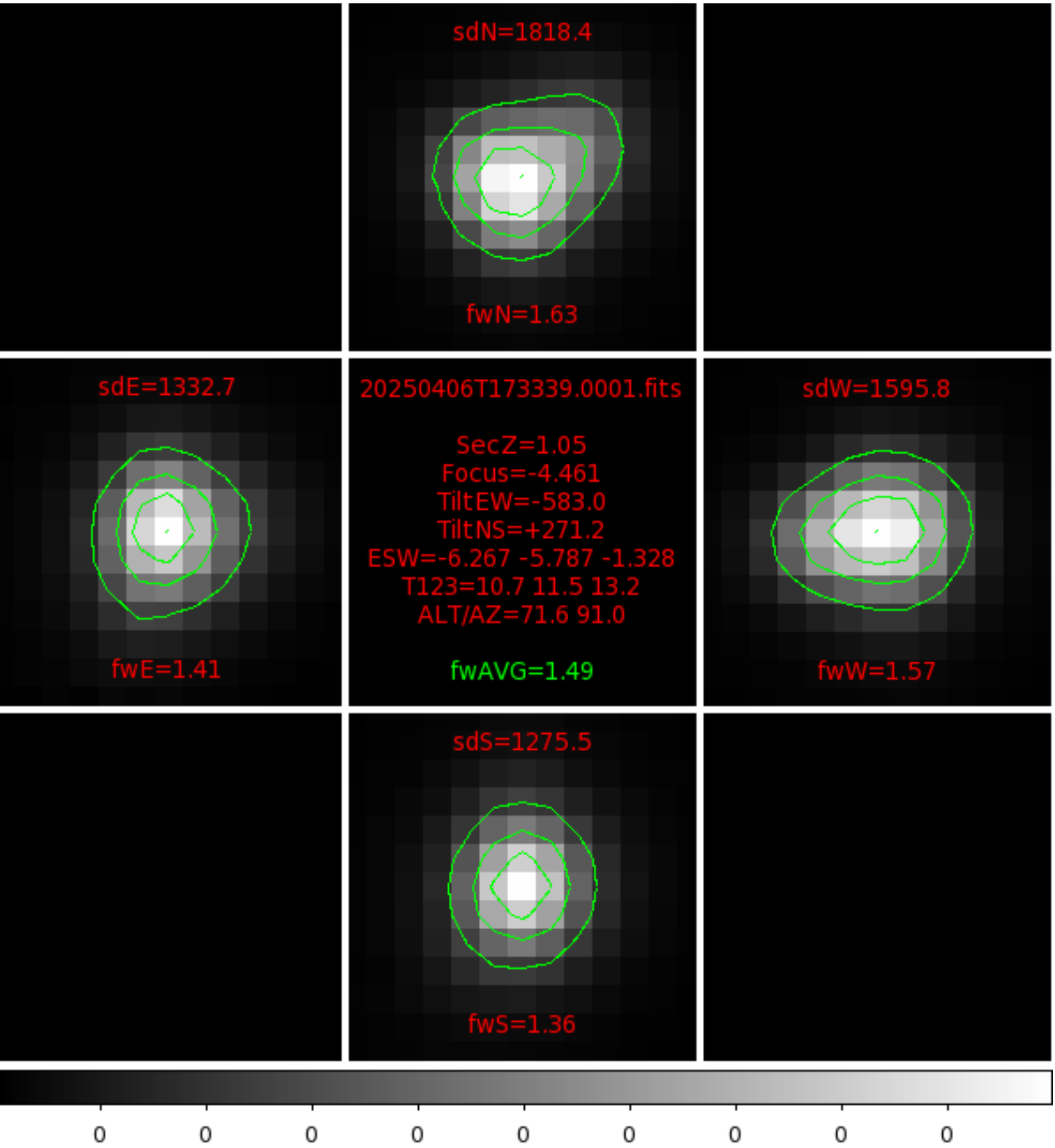
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.5 13.2
ALT/AZ=71.6 91.0
fwAVG=1.49
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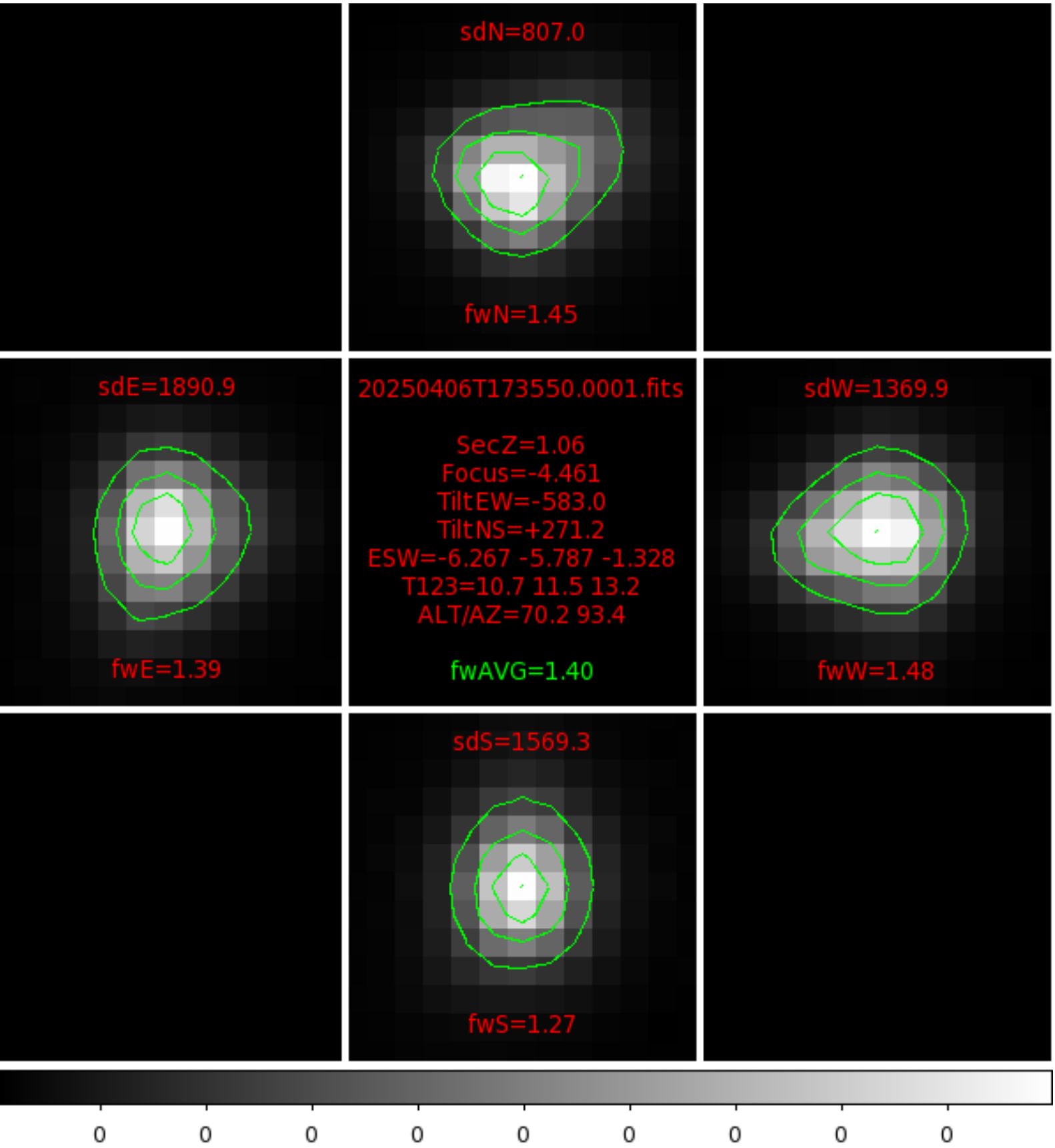
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.5 13.2
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fwAVG=1.40
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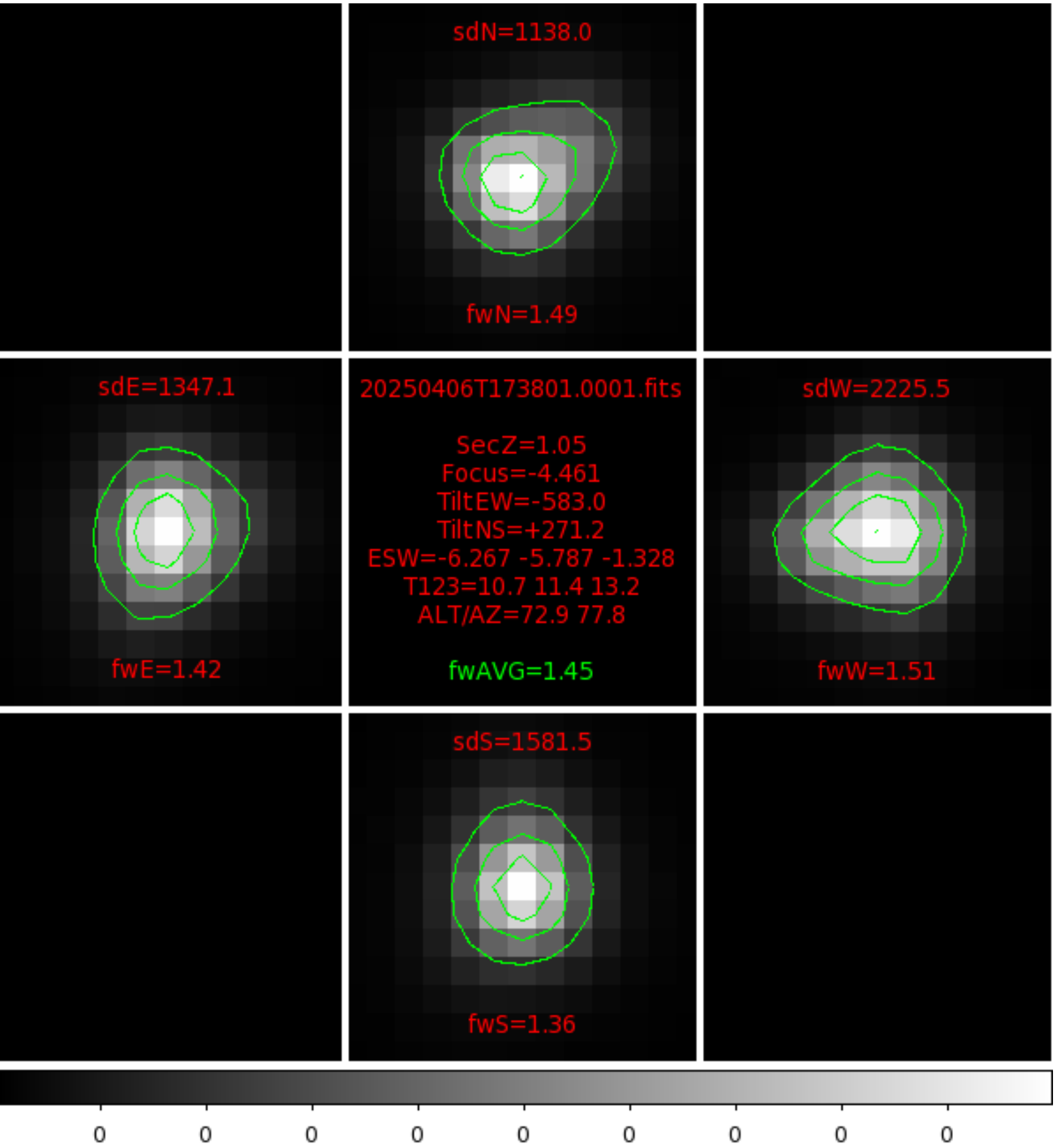
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.4 13.2
ALT/AZ=72.9 77.8
fwAVG=1.45
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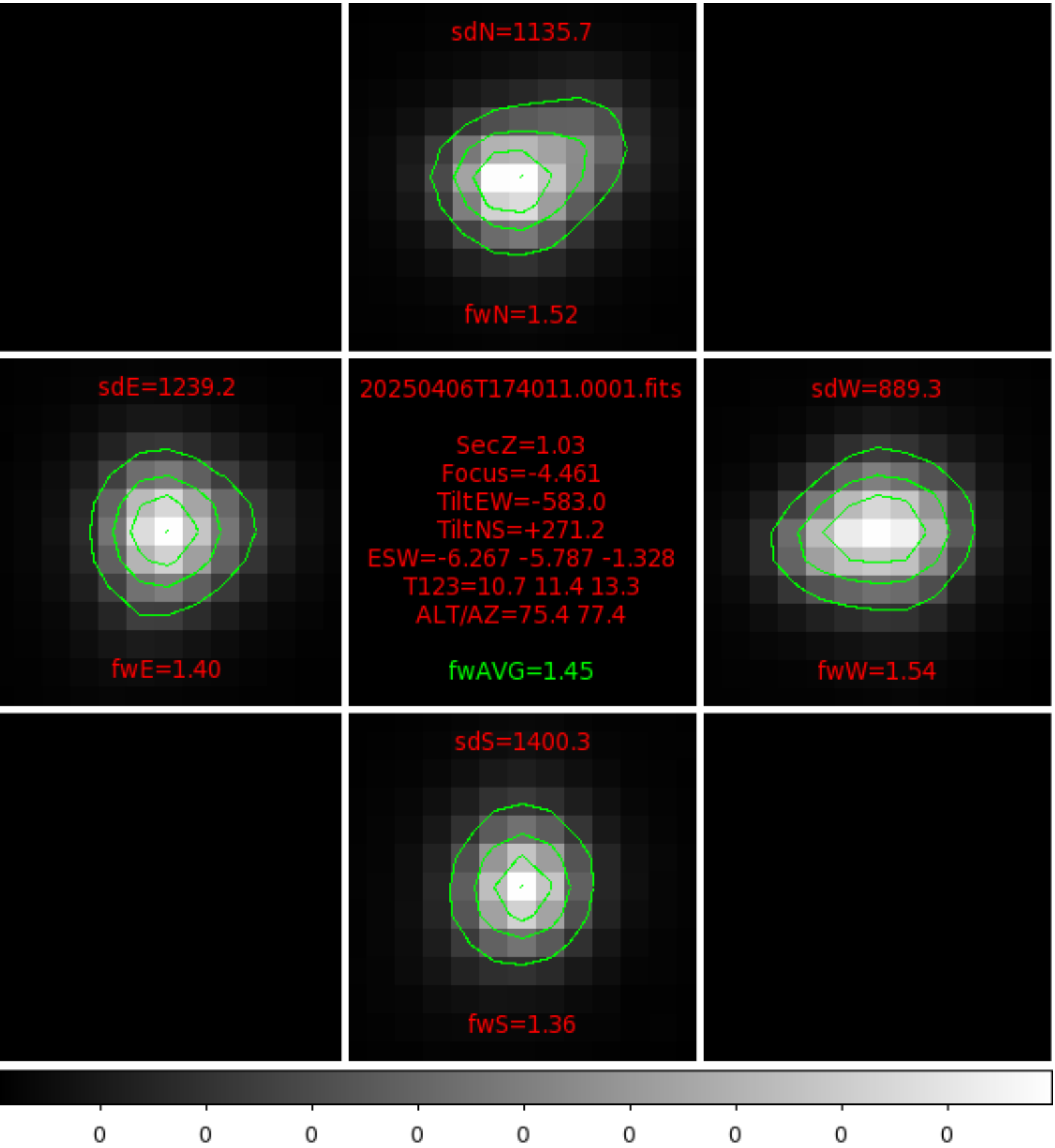
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.4 13.3
ALT/AZ=75.4 77.4
fwAVG=1.45
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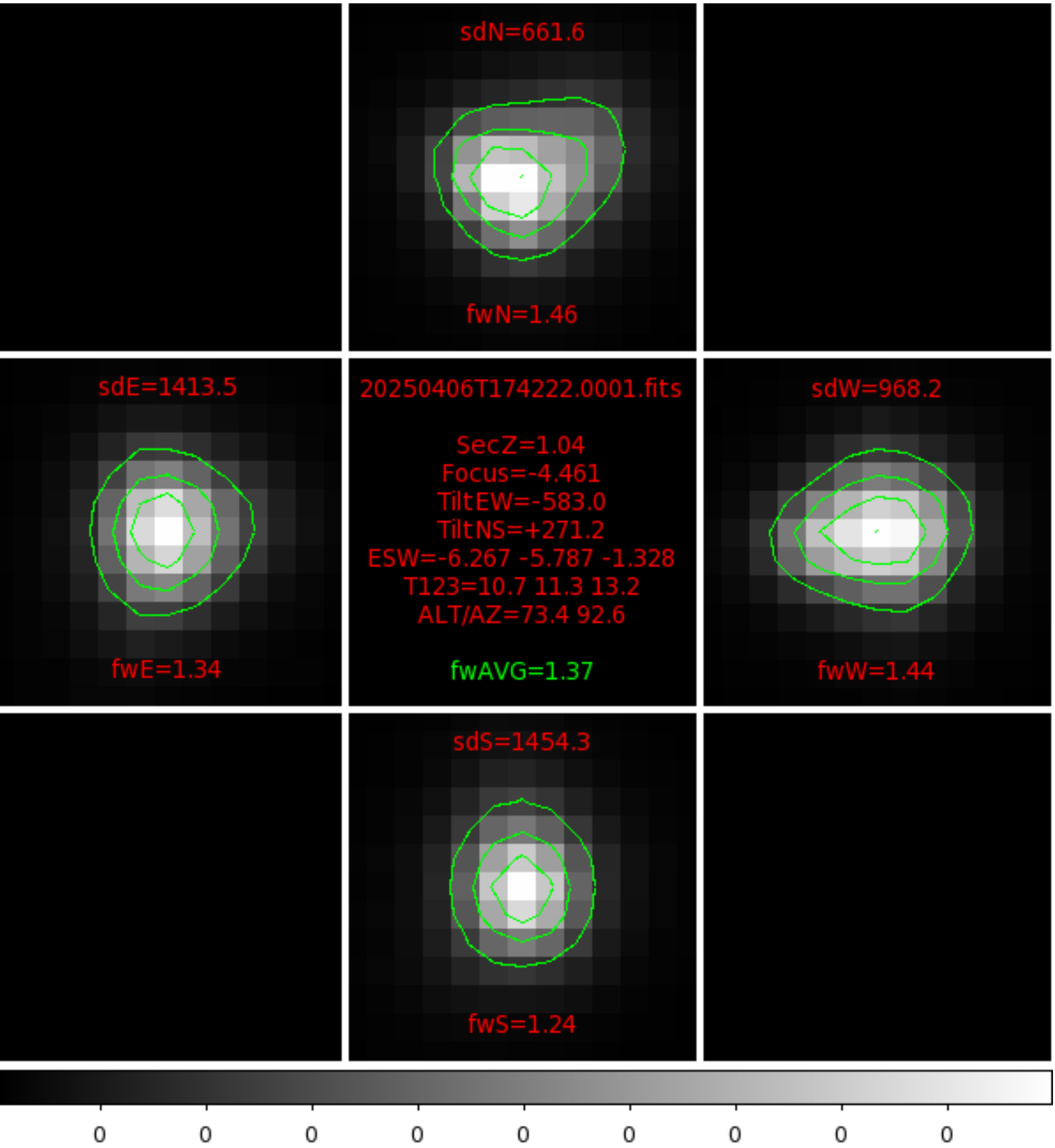
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SecZ=1.04
Focus=-4.461
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.3 13.2
ALT/AZ=73.4 92.6
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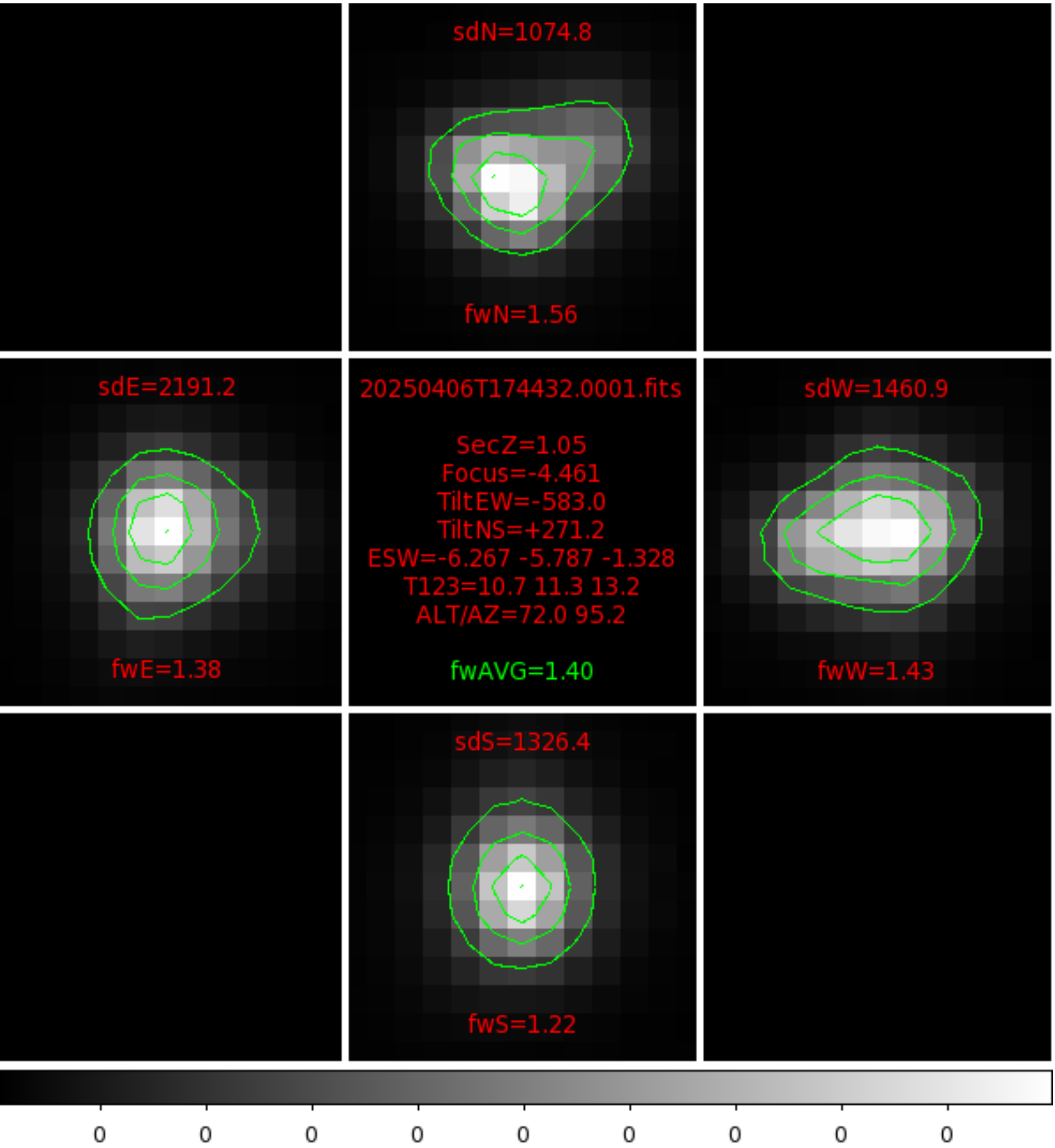
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.3 13.2
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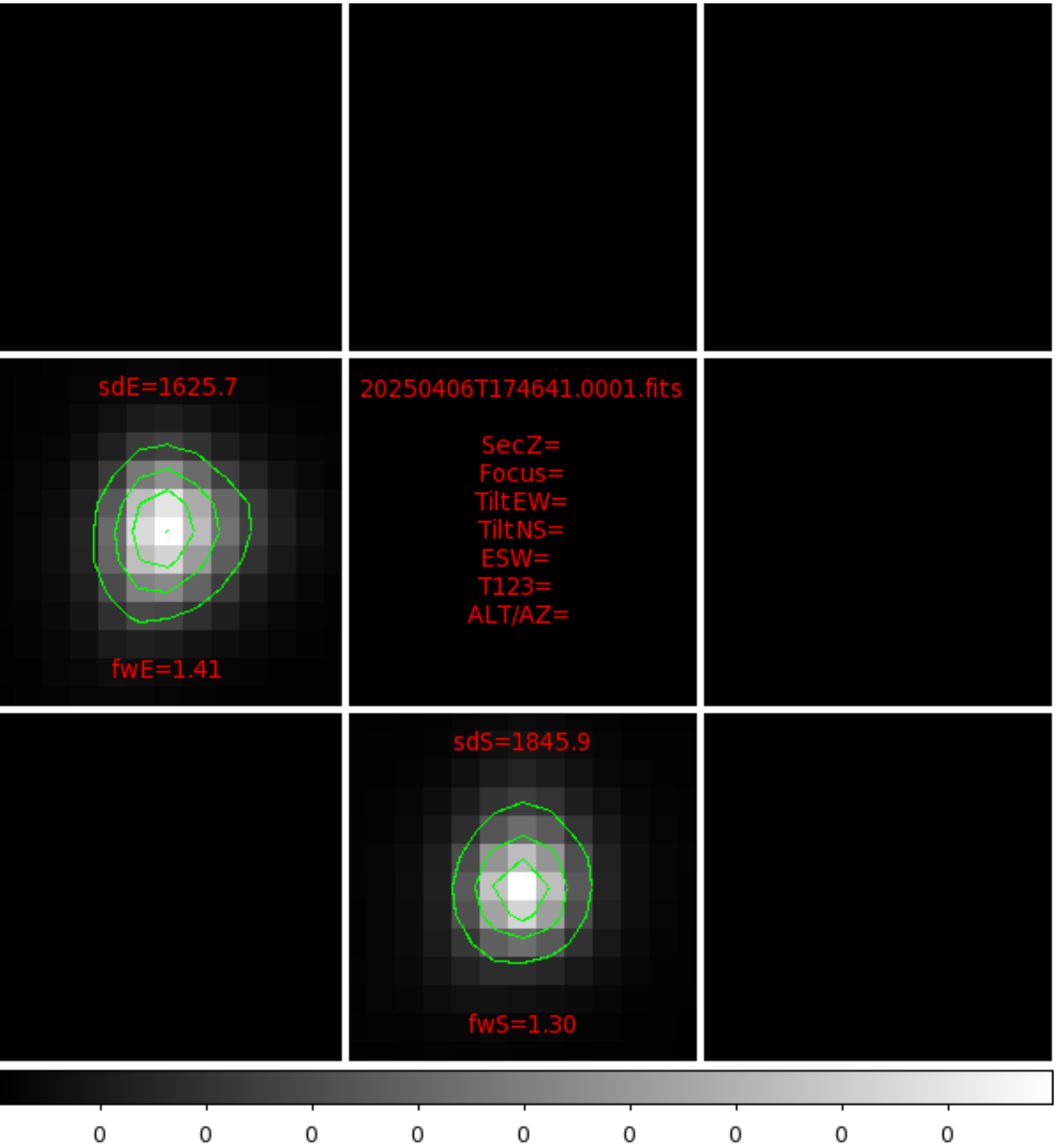
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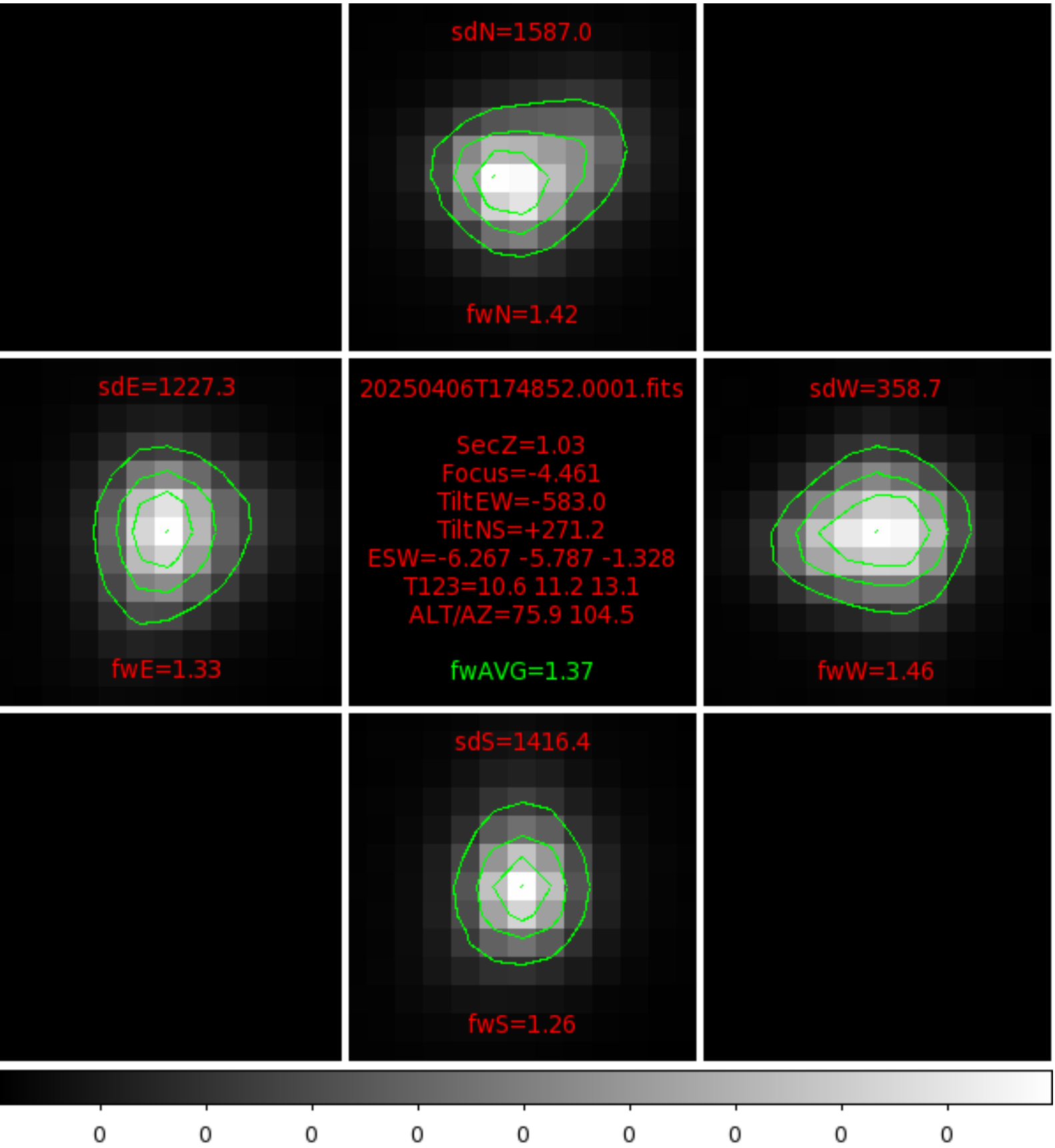
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SecZ=1.03
Focus=-4.461
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.6 11.2 13.1
ALT/AZ=75.9 104.5
fwAVG=1.37
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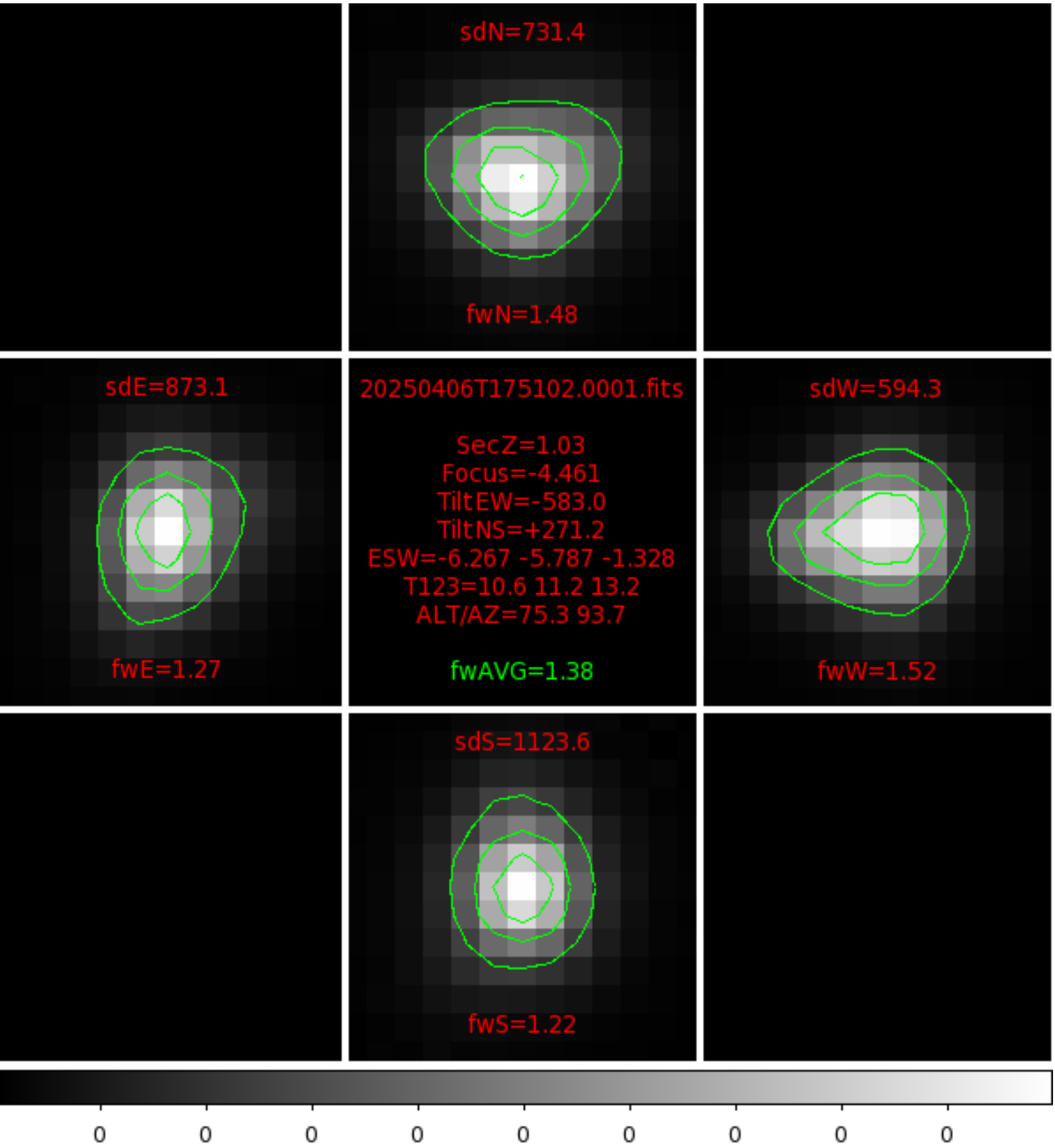
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.6 11.2 13.2
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fwAVG=1.38
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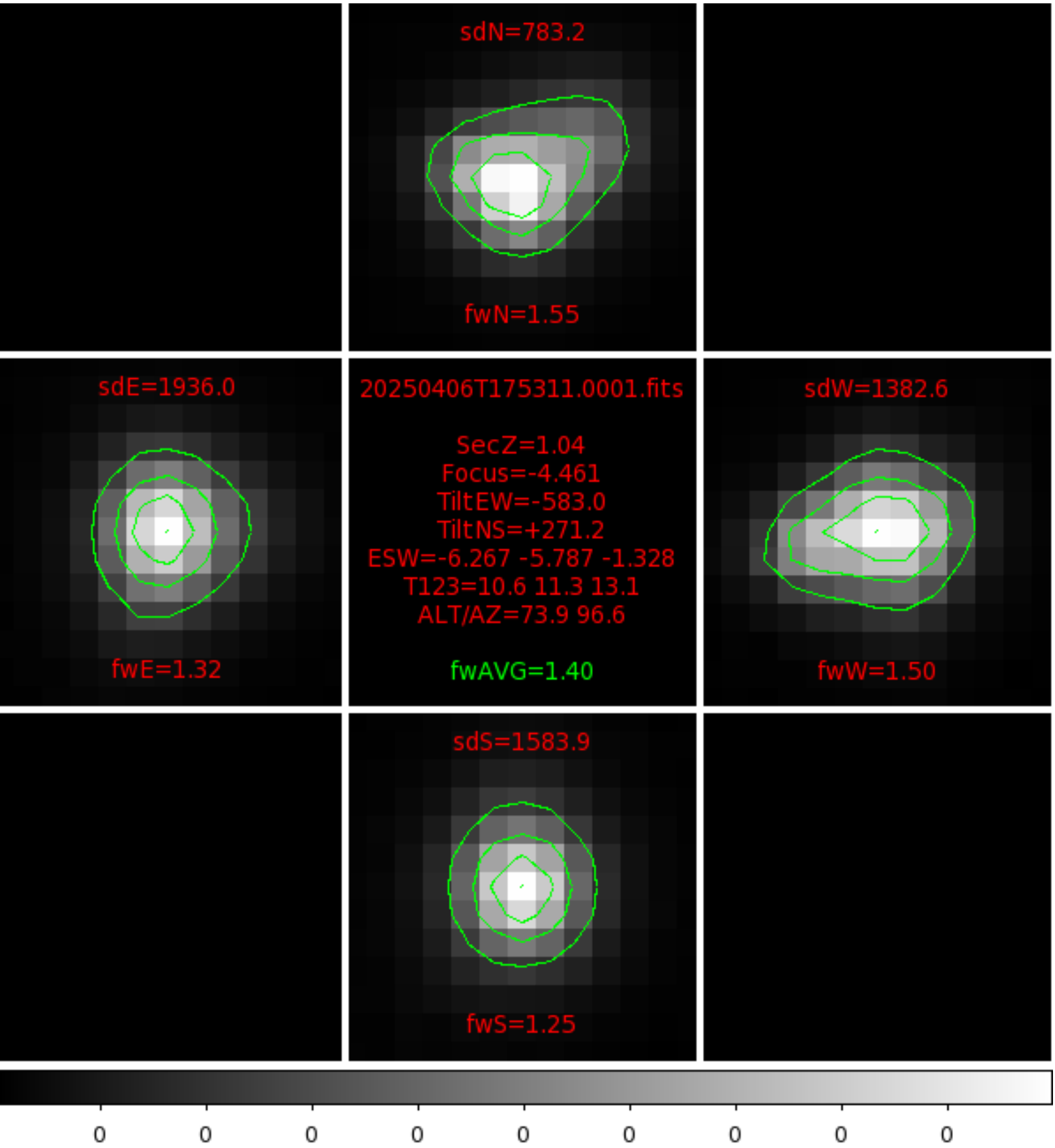
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SecZ=1.04
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T123=10.6 11.3 13.1
ALT/AZ=73.9 96.6
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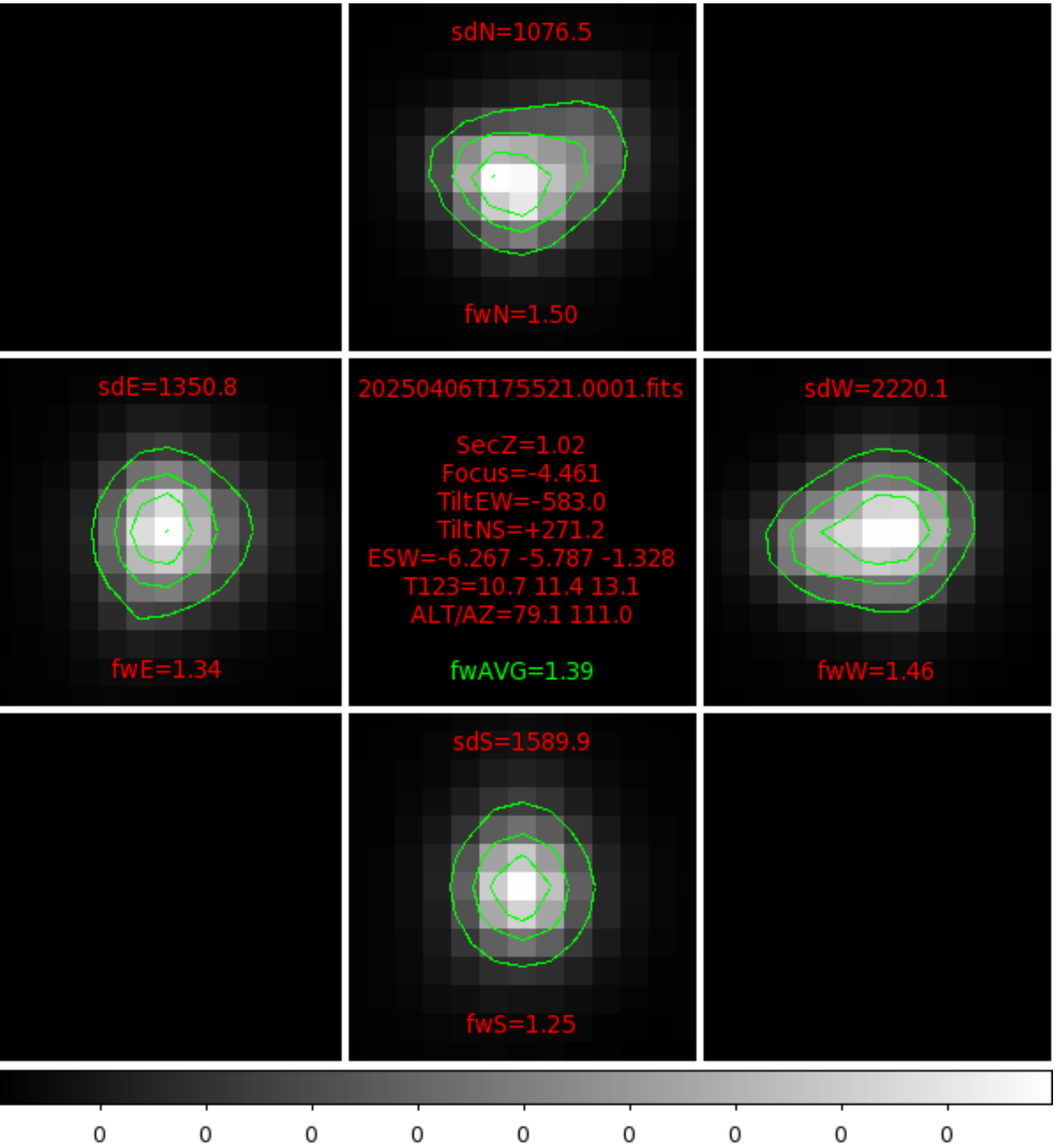
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SecZ=1.02
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T123=10.7 11.4 13.1
ALT/AZ=79.1 111.0
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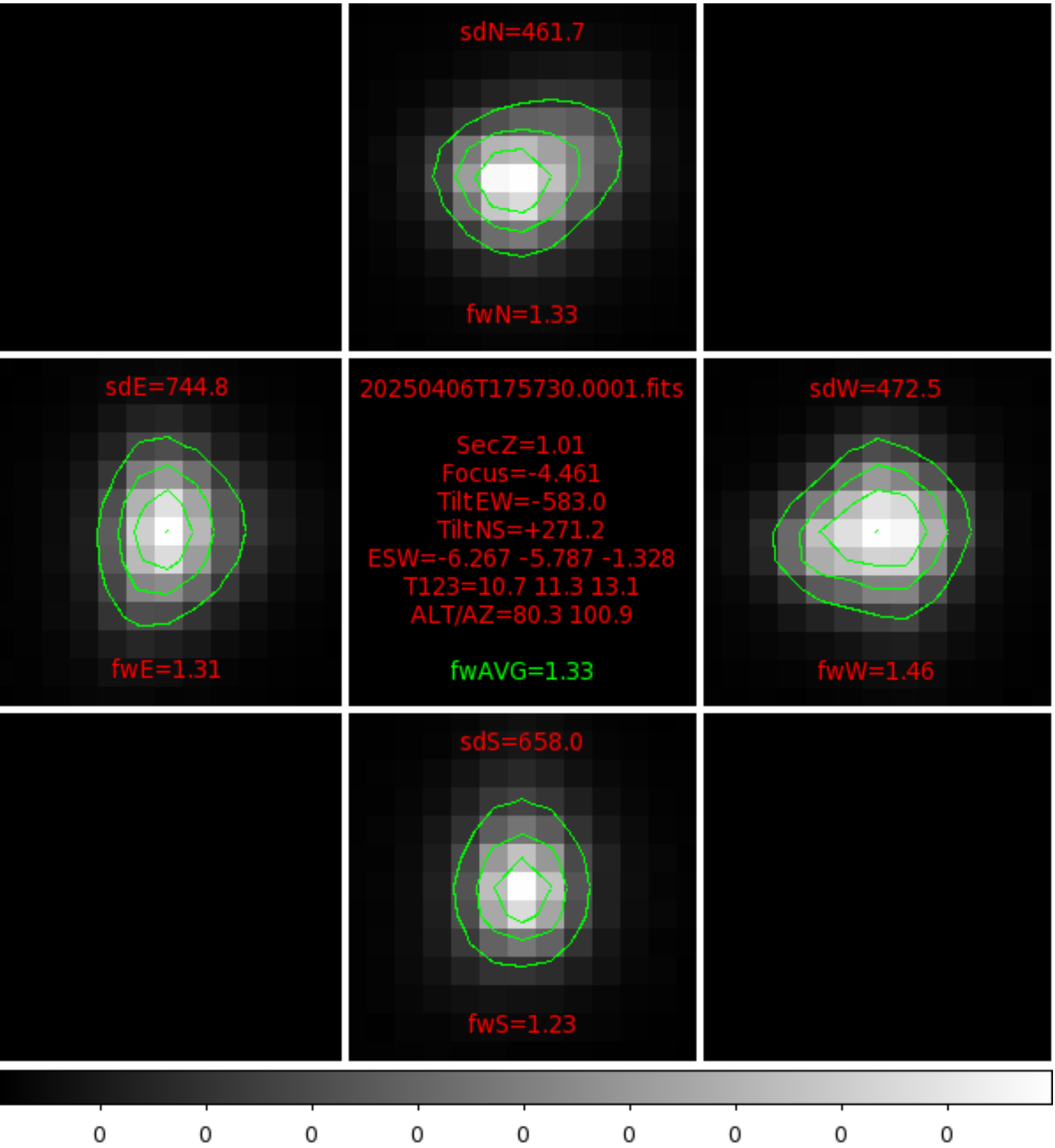
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SecZ=1.01
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ESW=-6.267 -5.787 -1.328
T123=10.7 11.3 13.1
ALT/AZ=80.3 100.9
fwAVG=1.33
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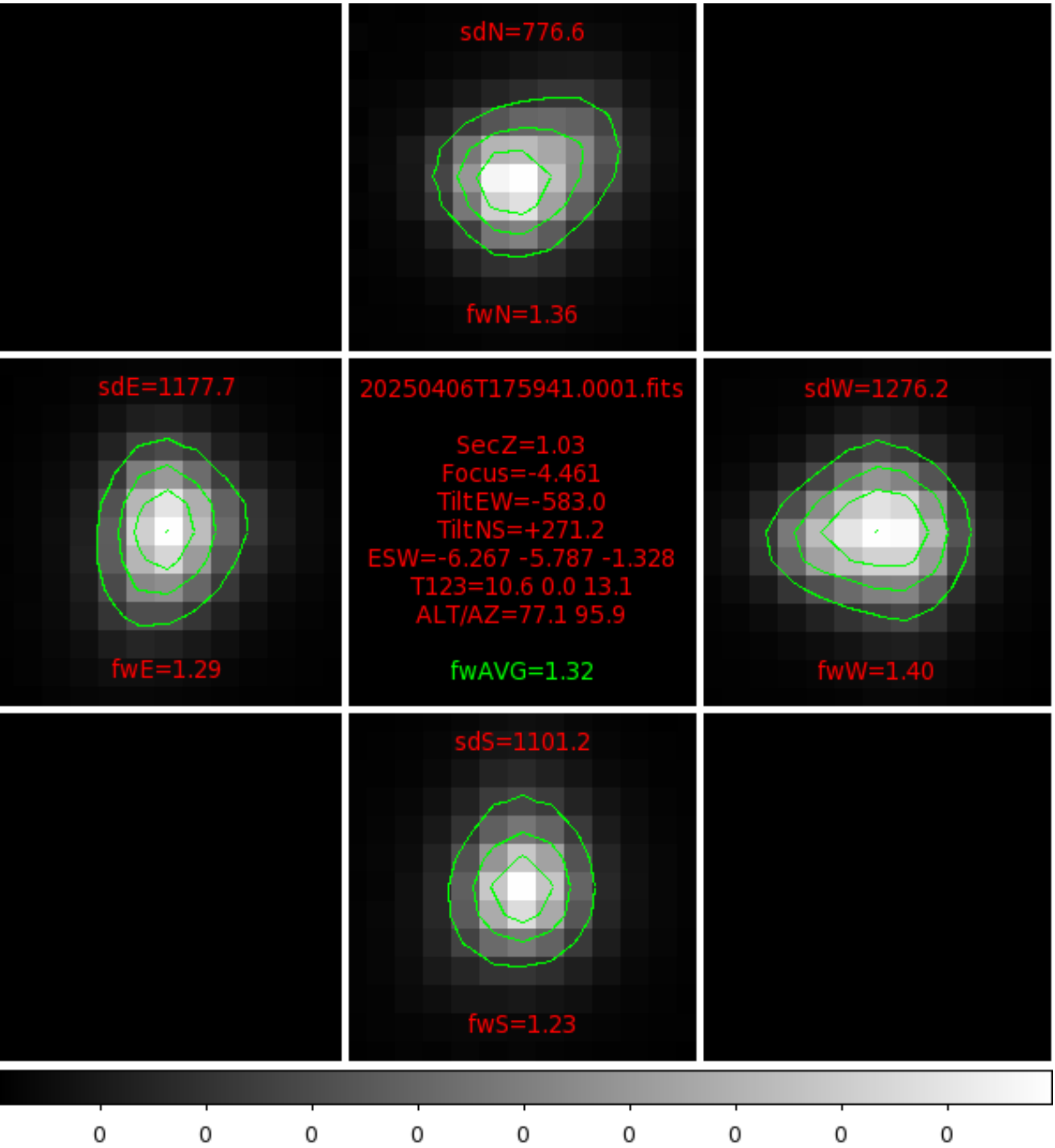
sdN=776.6
fwN=1.36
sdE=1177.7
fwE=1.29
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SecZ=1.03
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.6 0.0 13.1
ALT/AZ=77.1 95.9
fwAVG=1.32
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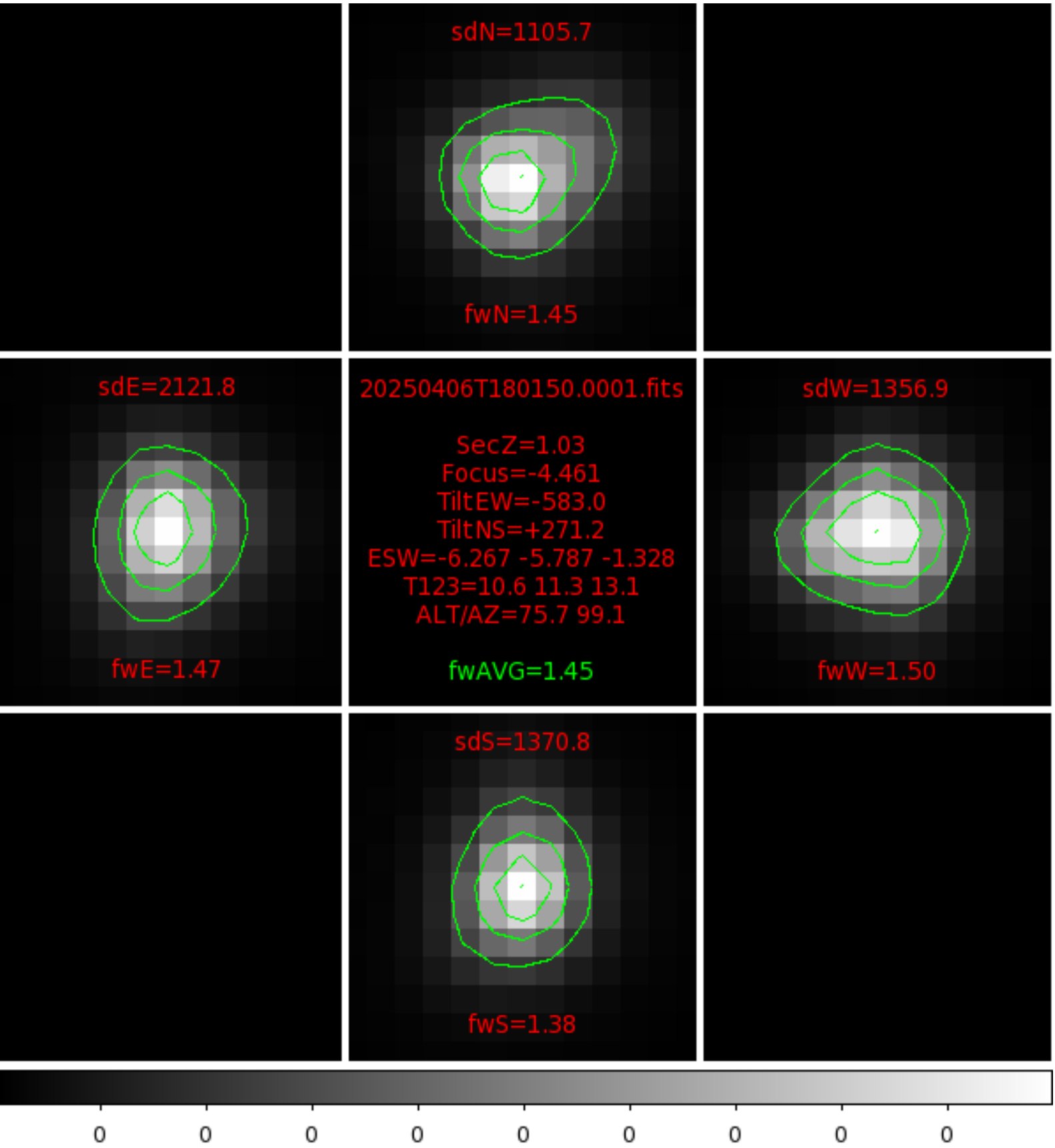
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SecZ=1.03
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.6 11.3 13.1
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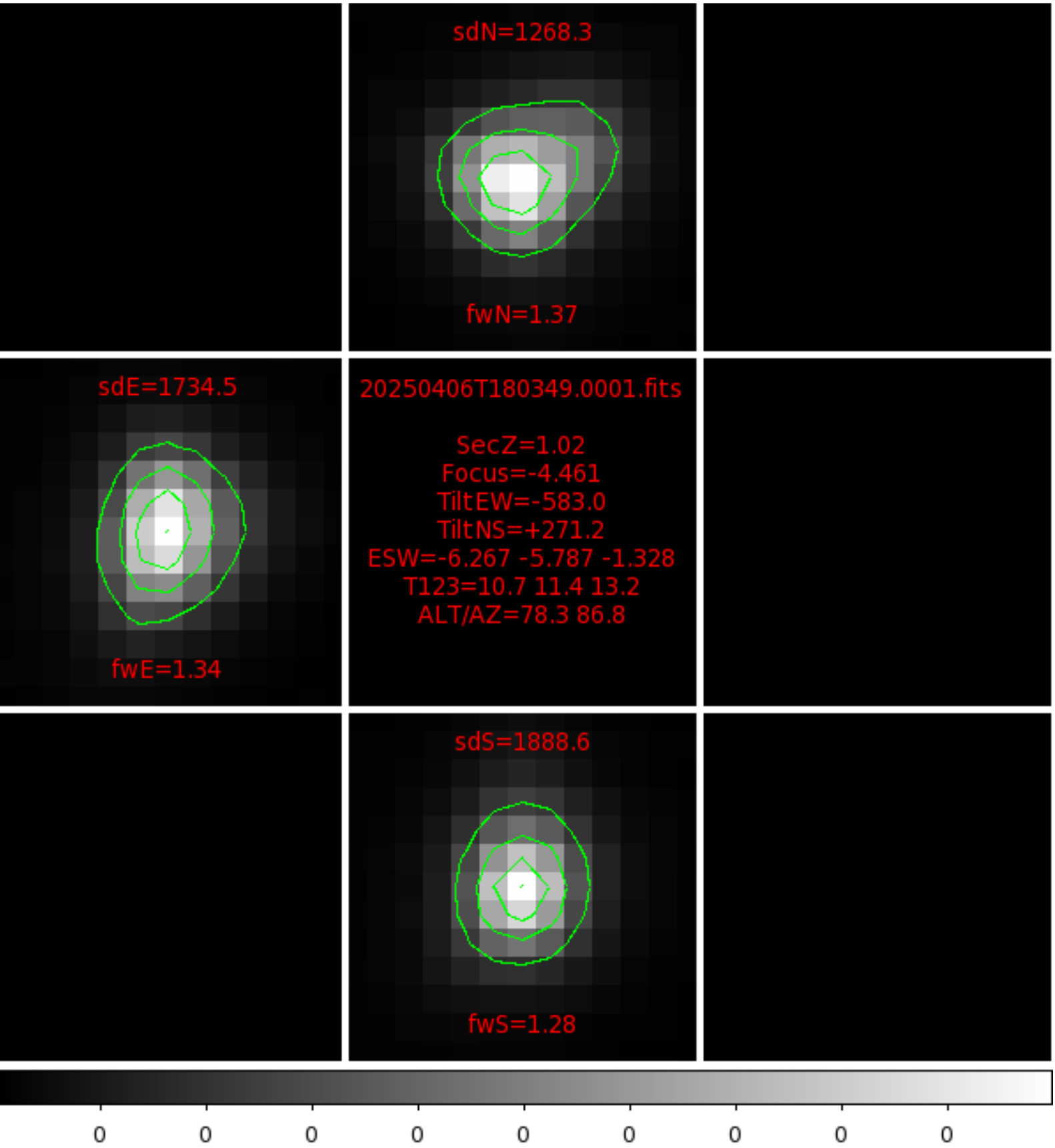
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sdE=1734.5
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SecZ=1.02
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.4 13.2
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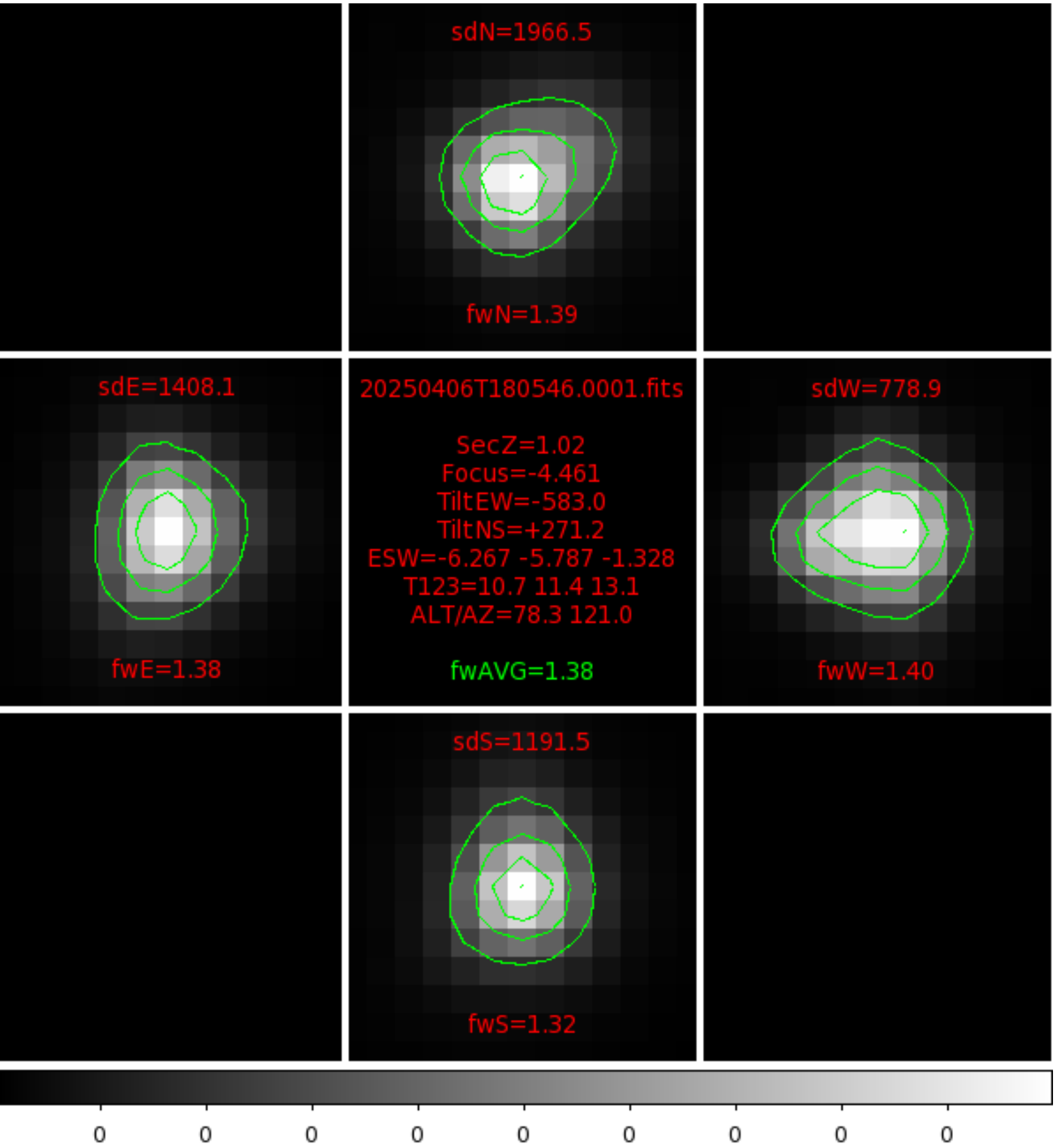
sdN=1966.5
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SecZ=1.02
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.4 13.1
ALT/AZ=78.3 121.0
fwAVG=1.38
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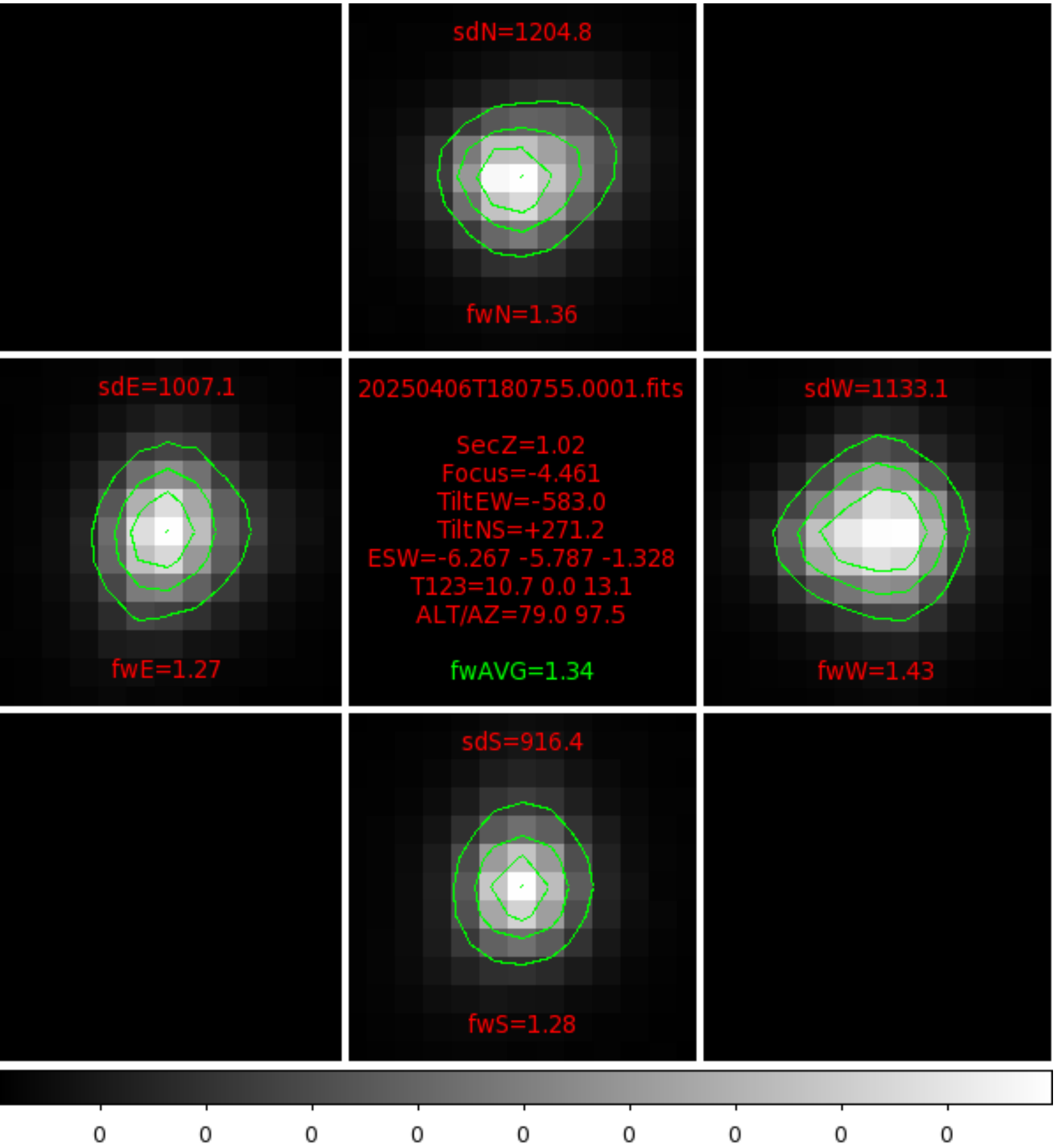
sdN=1204.8
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SecZ=1.02
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 0.0 13.1
ALT/AZ=79.0 97.5
fwAVG=1.34
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sdS=916.4
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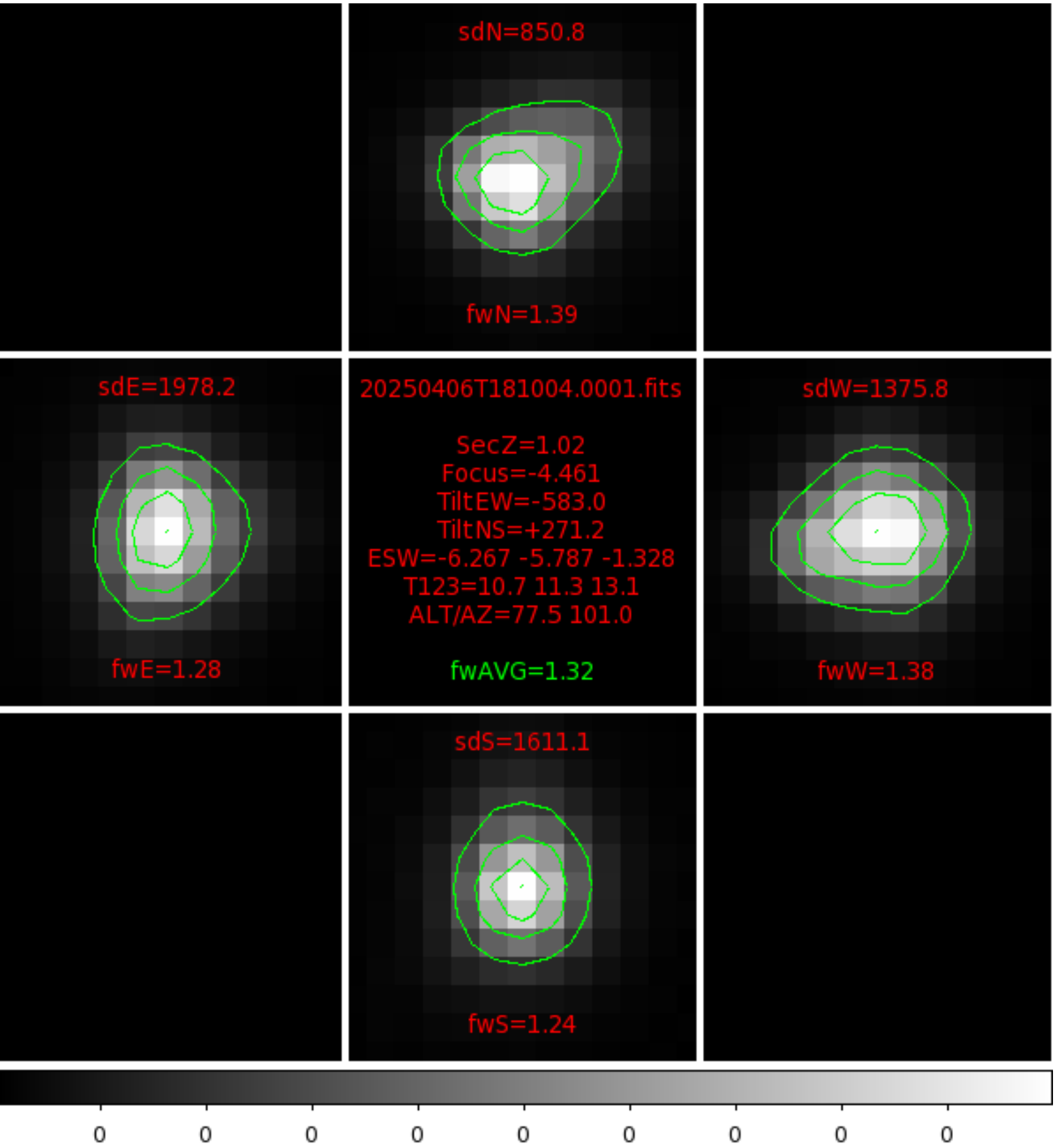
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SecZ=1.02
Focus=-4.461
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.3 13.1
ALT/AZ=77.5 101.0
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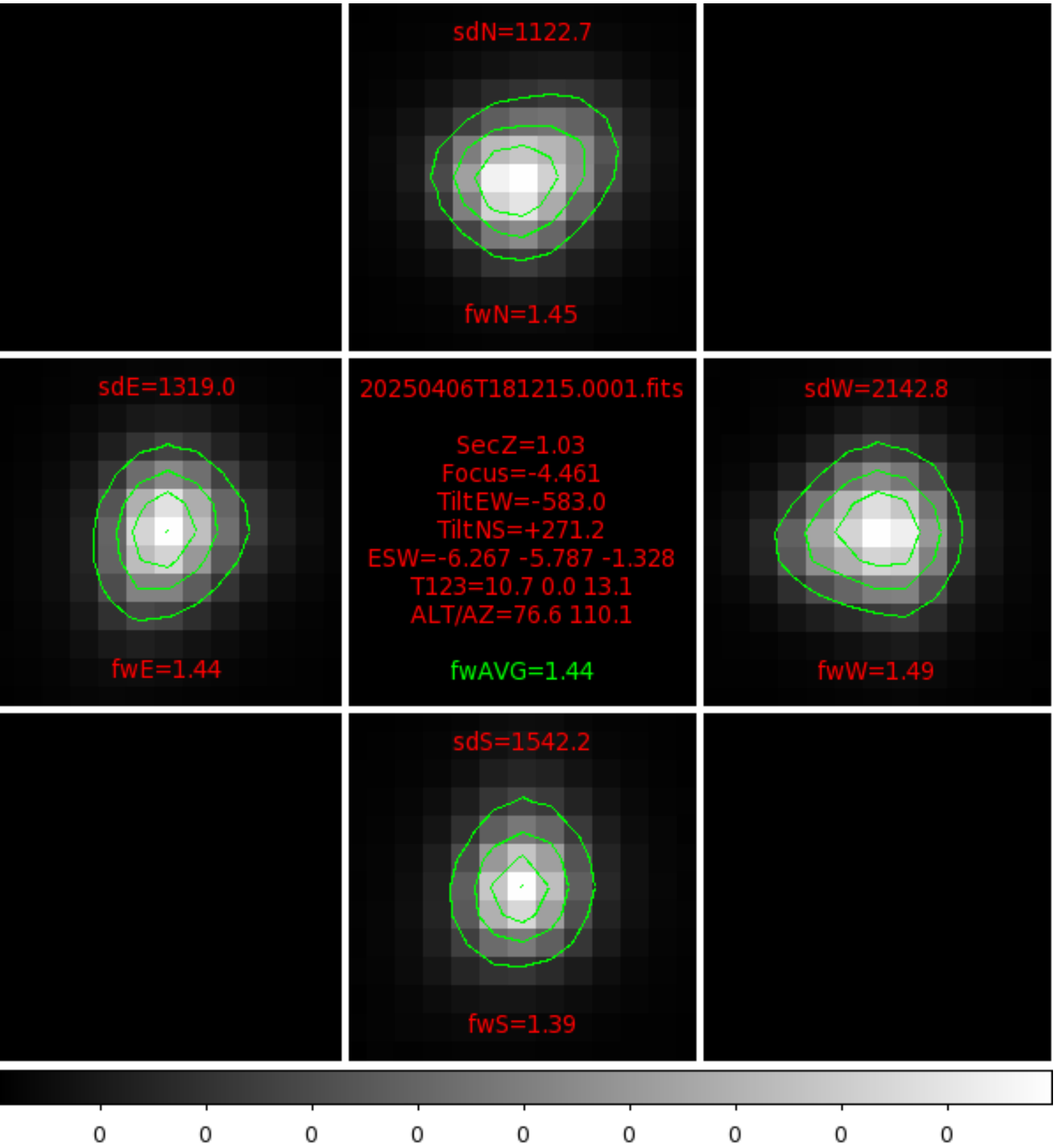
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Focus=-4.461
TiltEW=-583.0
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ESW=-6.267 -5.787 -1.328
T123=10.7 0.0 13.1
ALT/AZ=76.6 110.1
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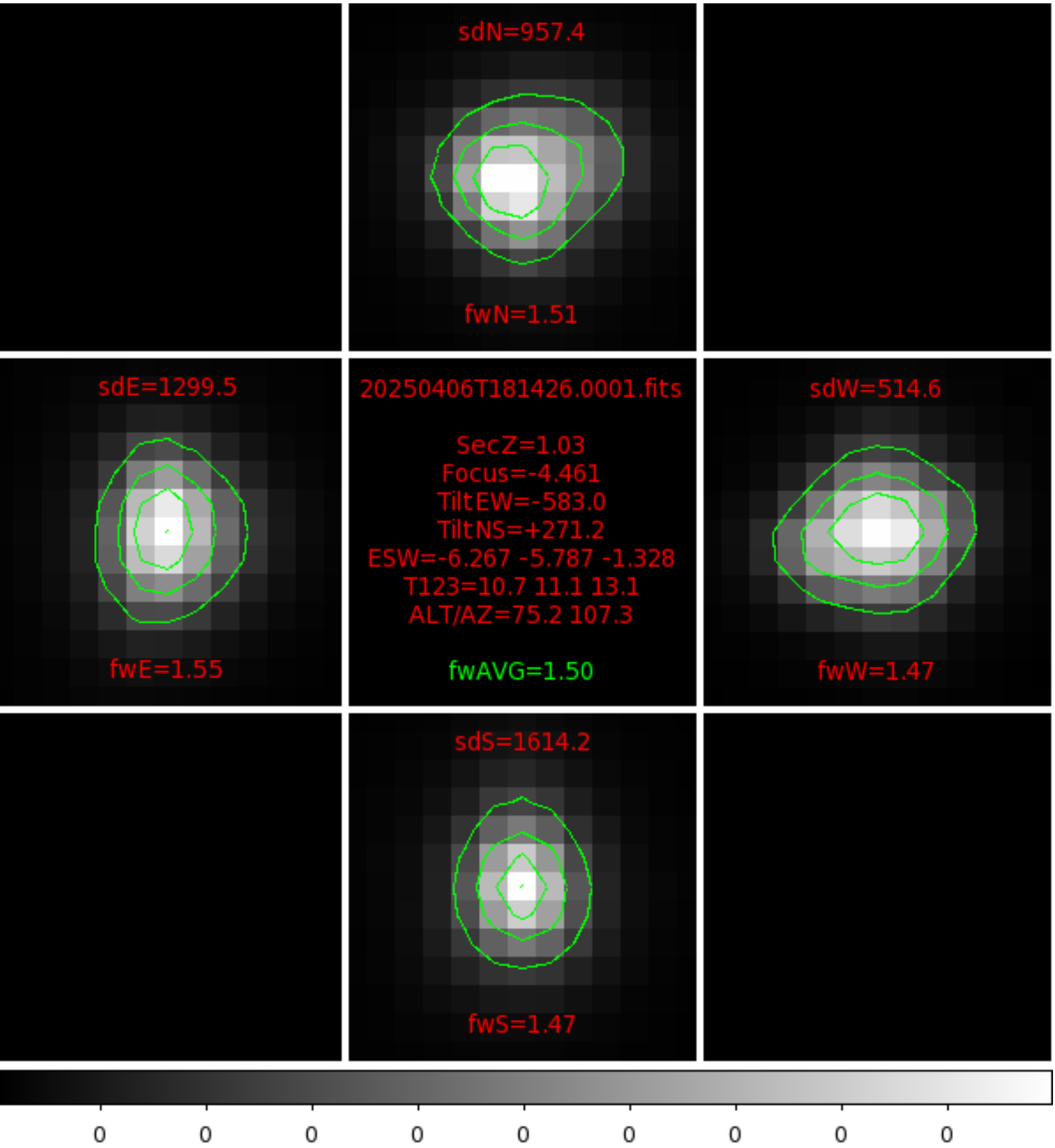
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SecZ=1.03
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.1 13.1
ALT/AZ=75.2 107.3
fwAVG=1.50
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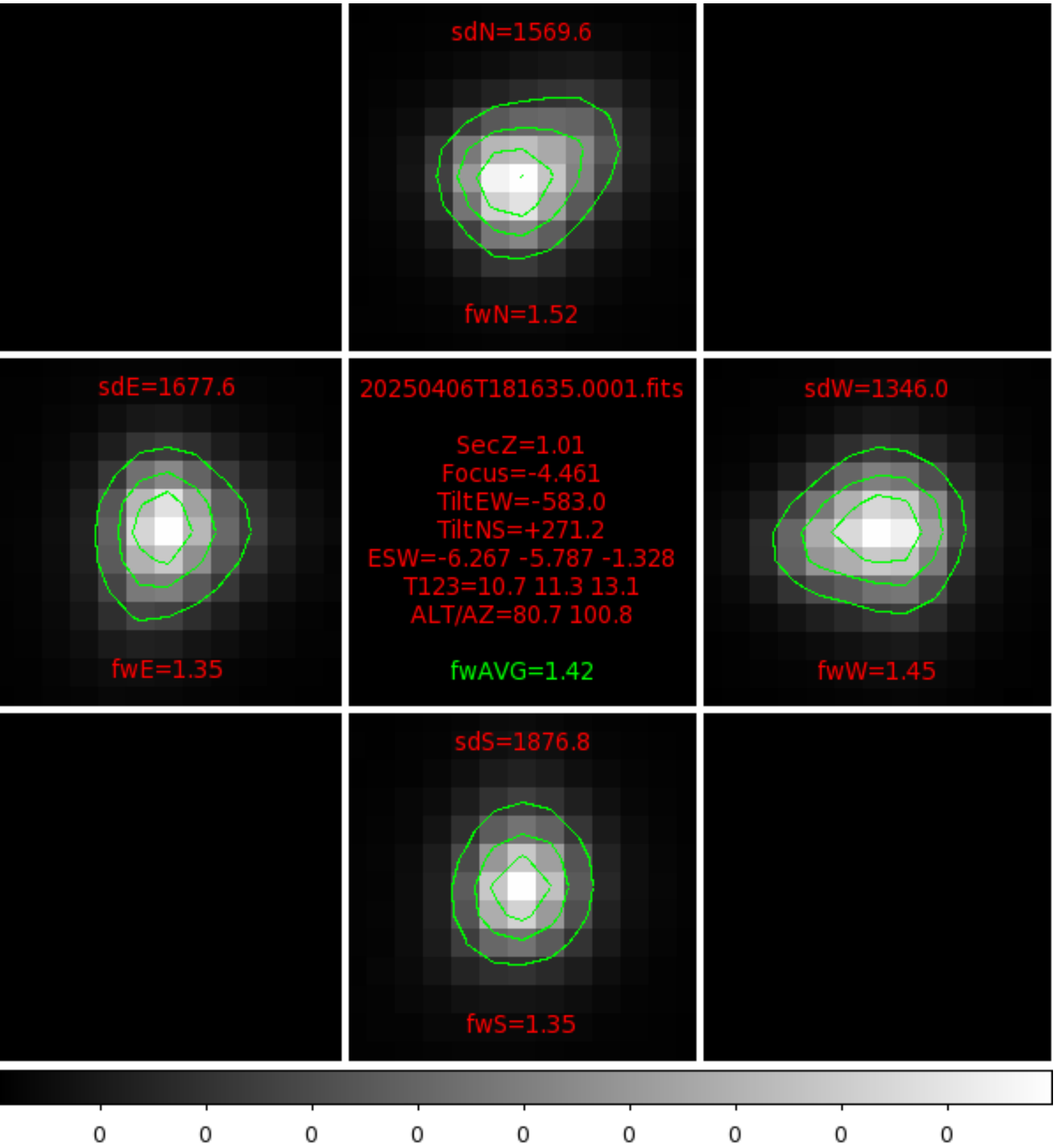
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Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.3 13.1
ALT/AZ=80.7 100.8
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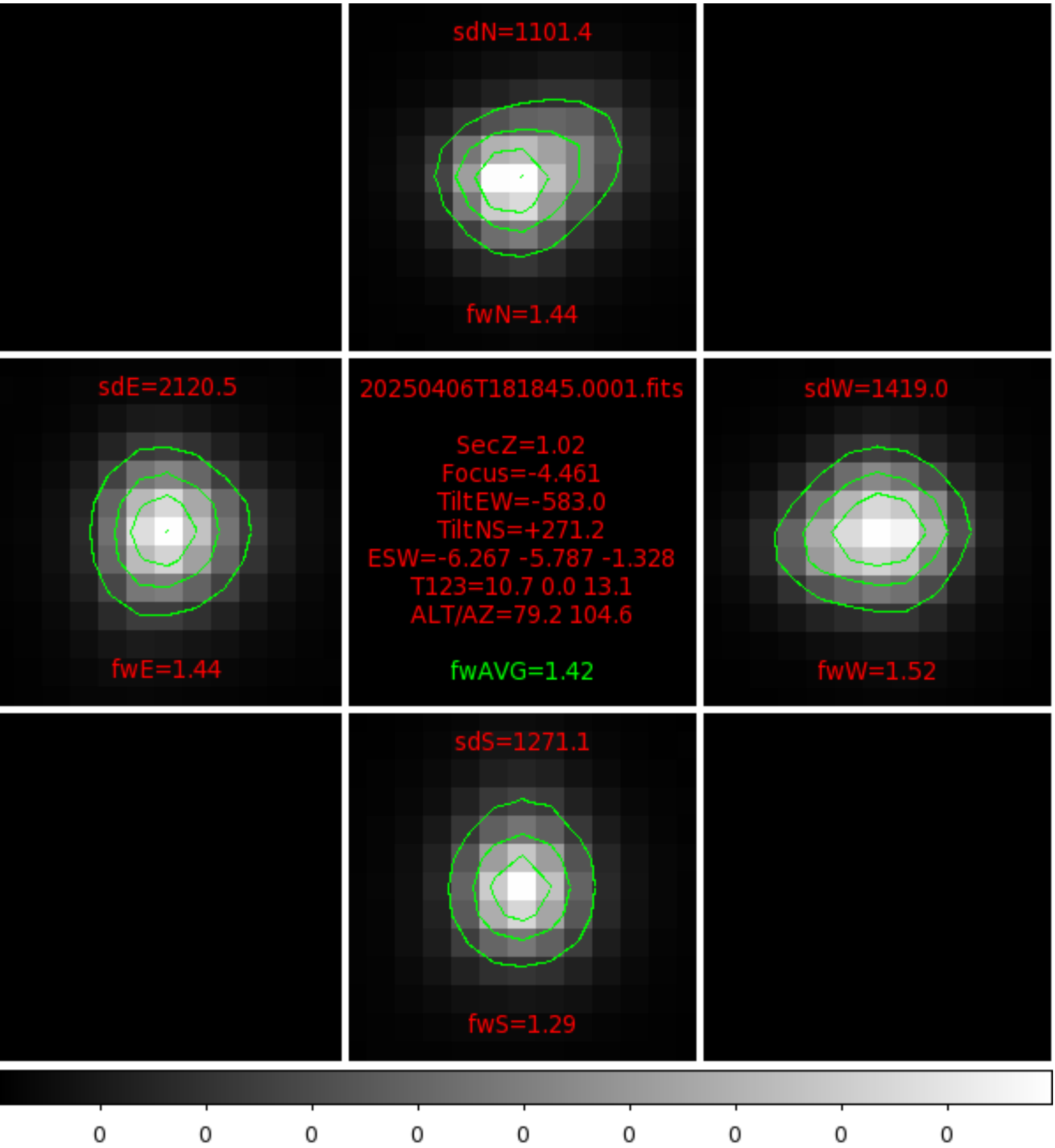
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SecZ=1.02
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 0.0 13.1
ALT/AZ=79.2 104.6
fwAVG=1.42
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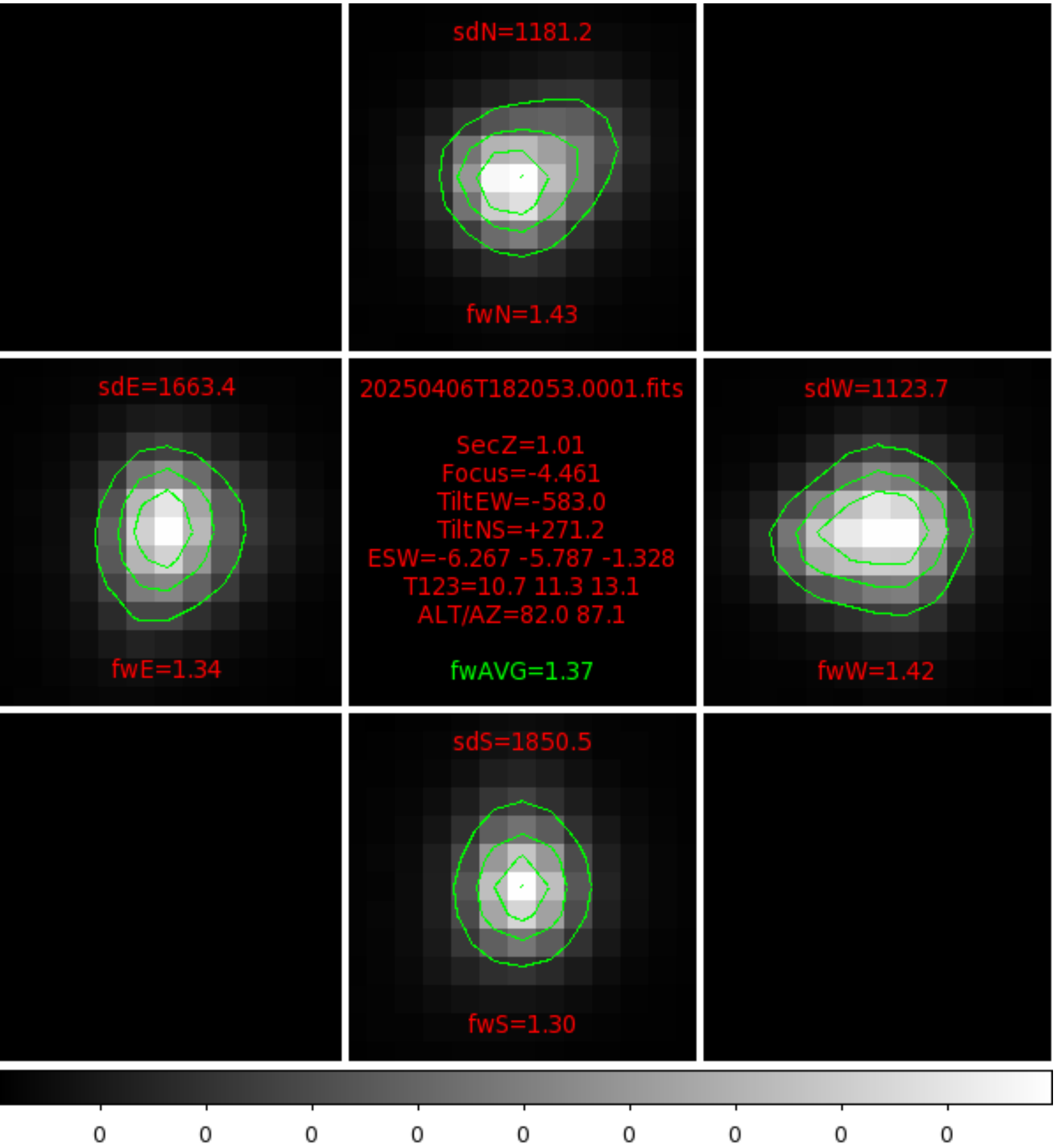
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Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.3 13.1
ALT/AZ=82.0 87.1
fwAVG=1.37
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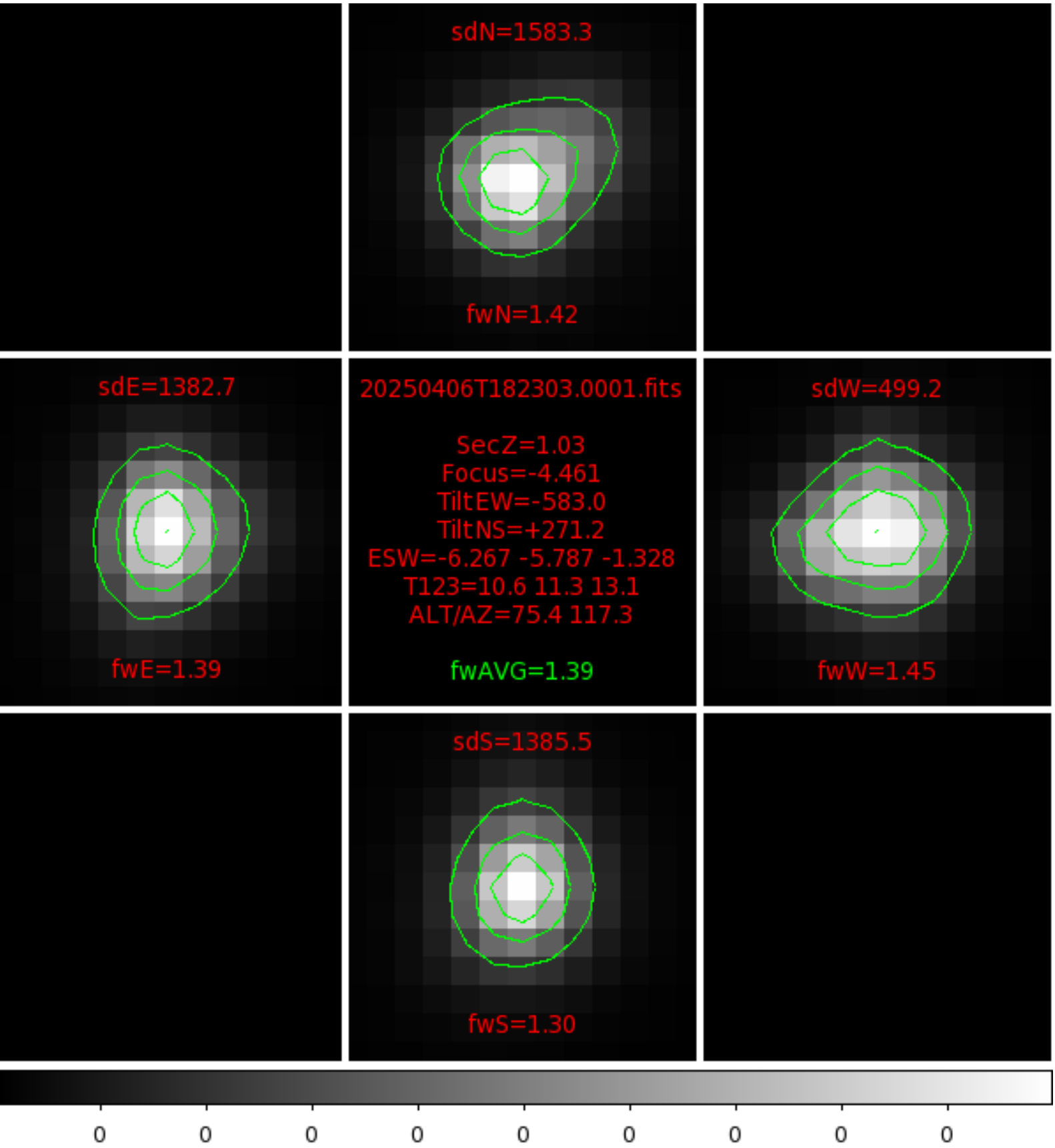
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Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.6 11.3 13.1
ALT/AZ=75.4 117.3
fwAVG=1.39
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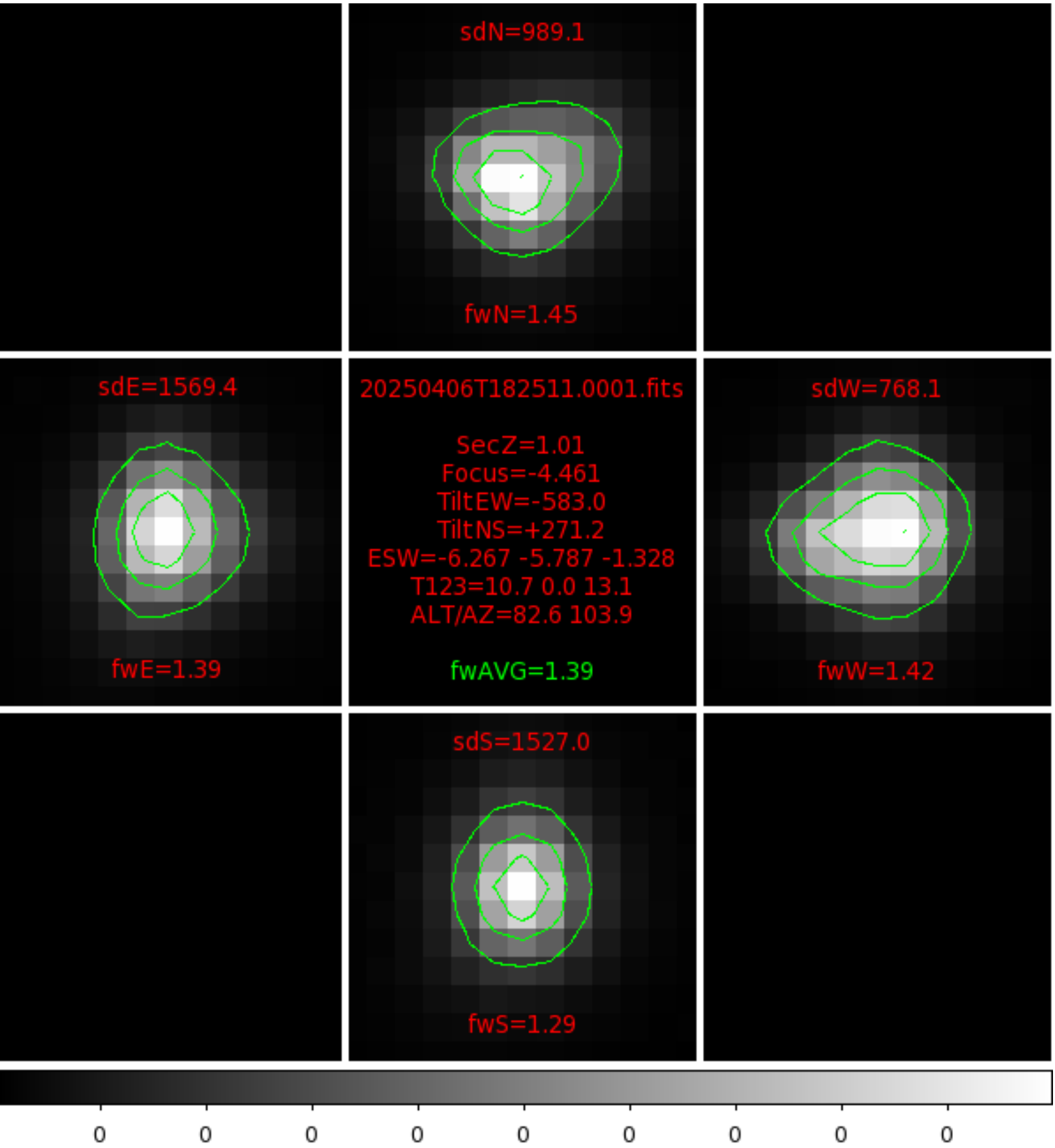
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 0.0 13.1
ALT/AZ=82.6 103.9
fwAVG=1.39
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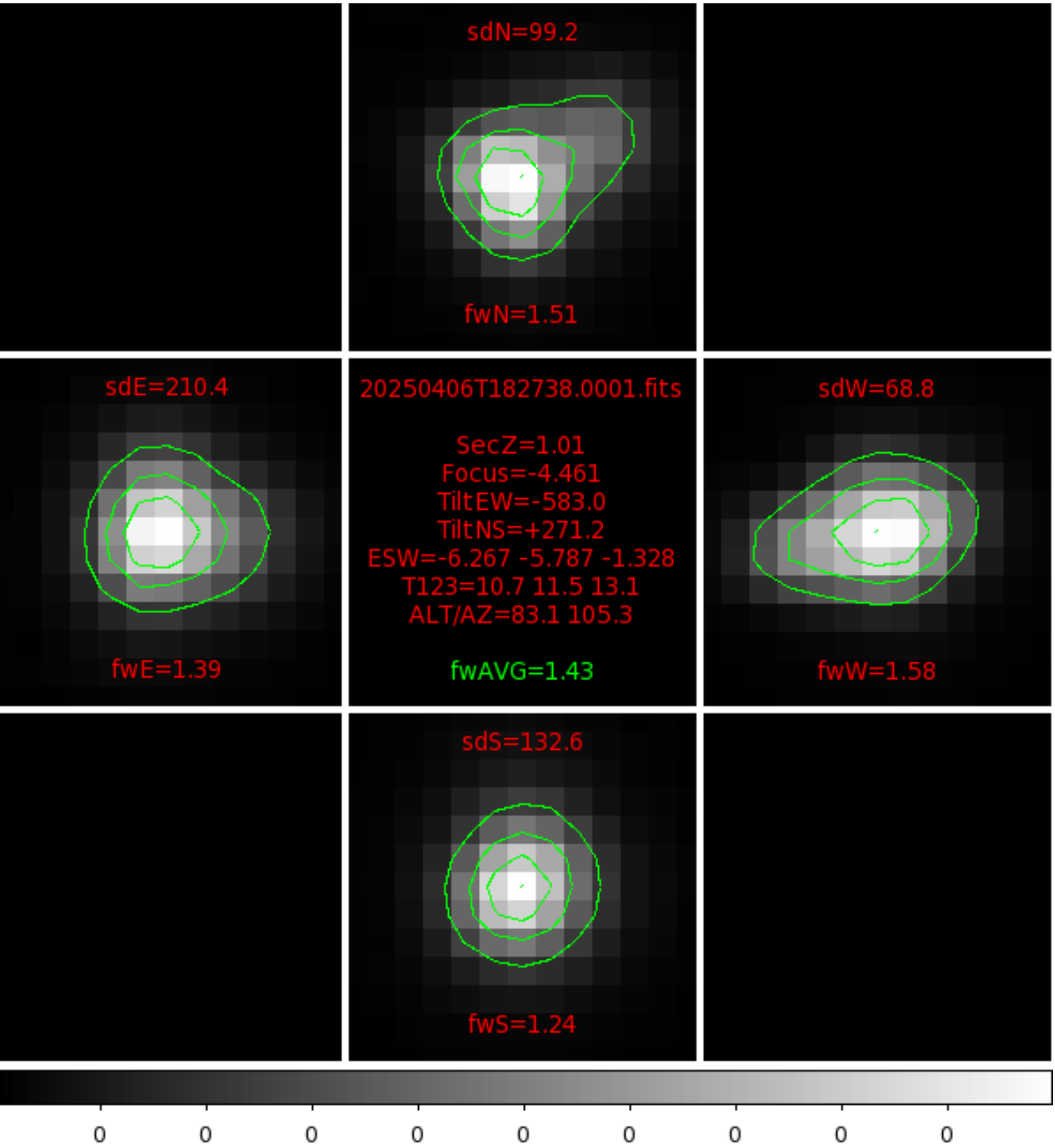
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.5 13.1
ALT/AZ=83.1 105.3
fwAVG=1.43
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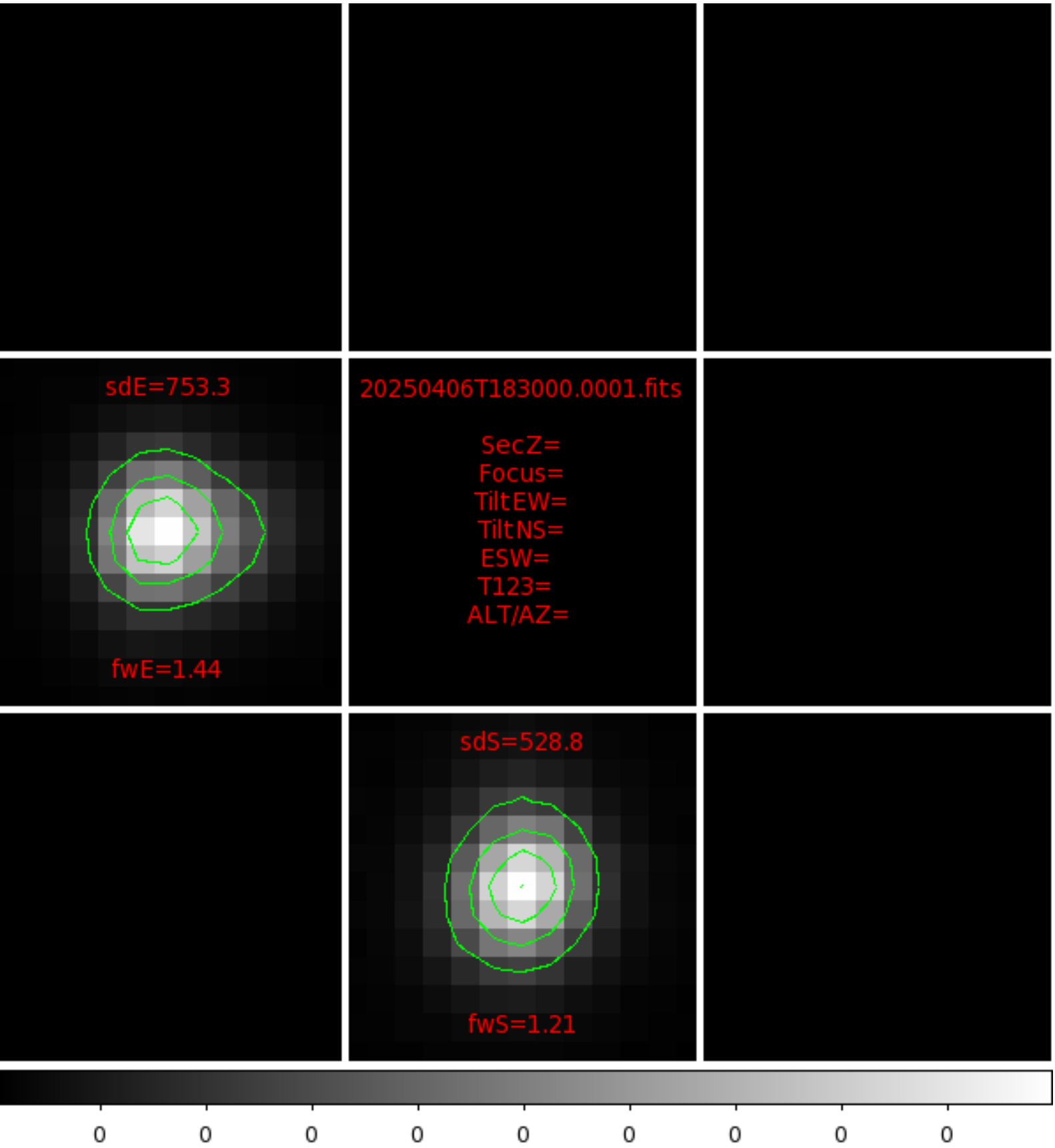
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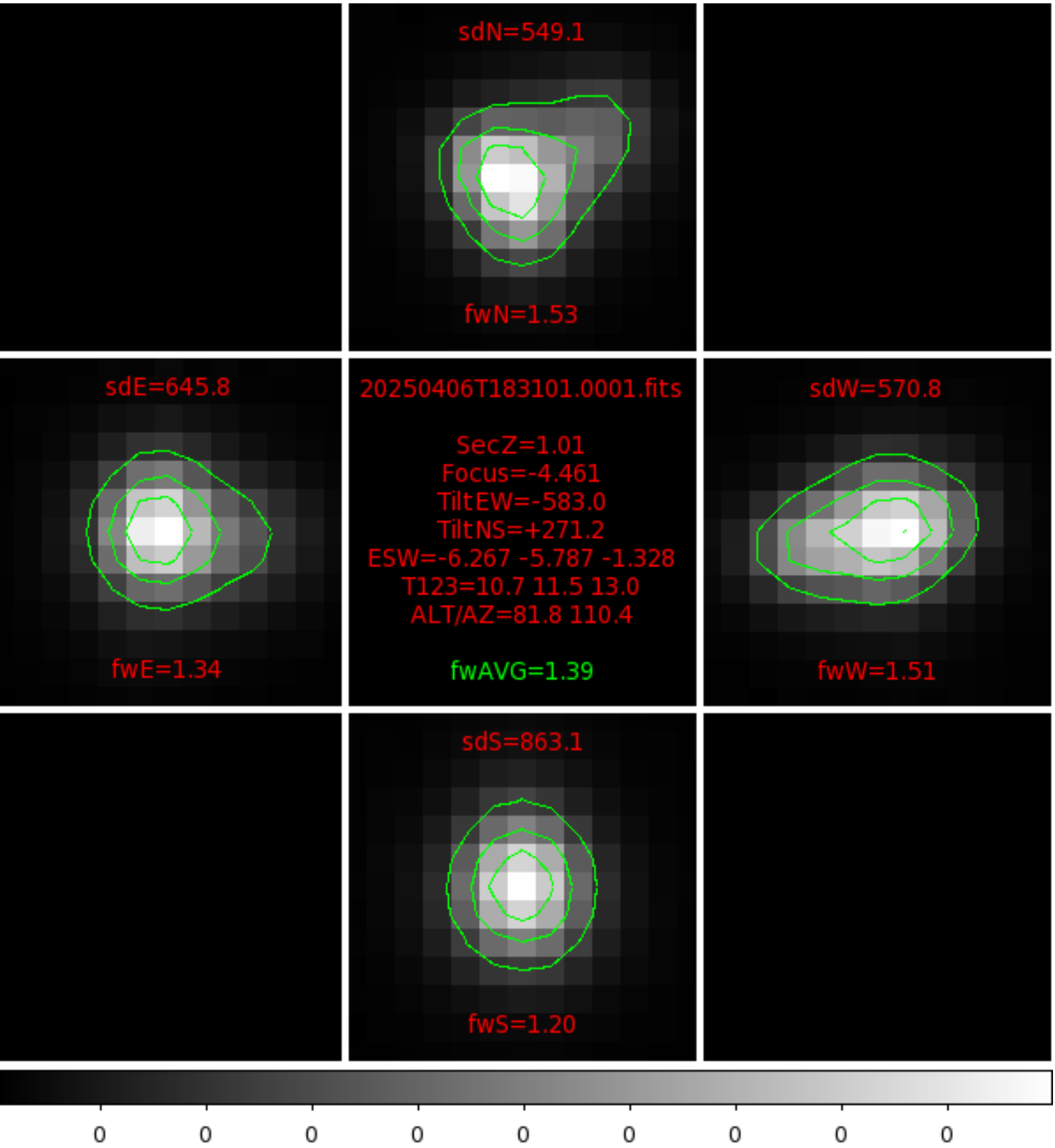
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TiltNS=+271.2
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T123=10.7 11.5 13.0
ALT/AZ=81.8 110.4
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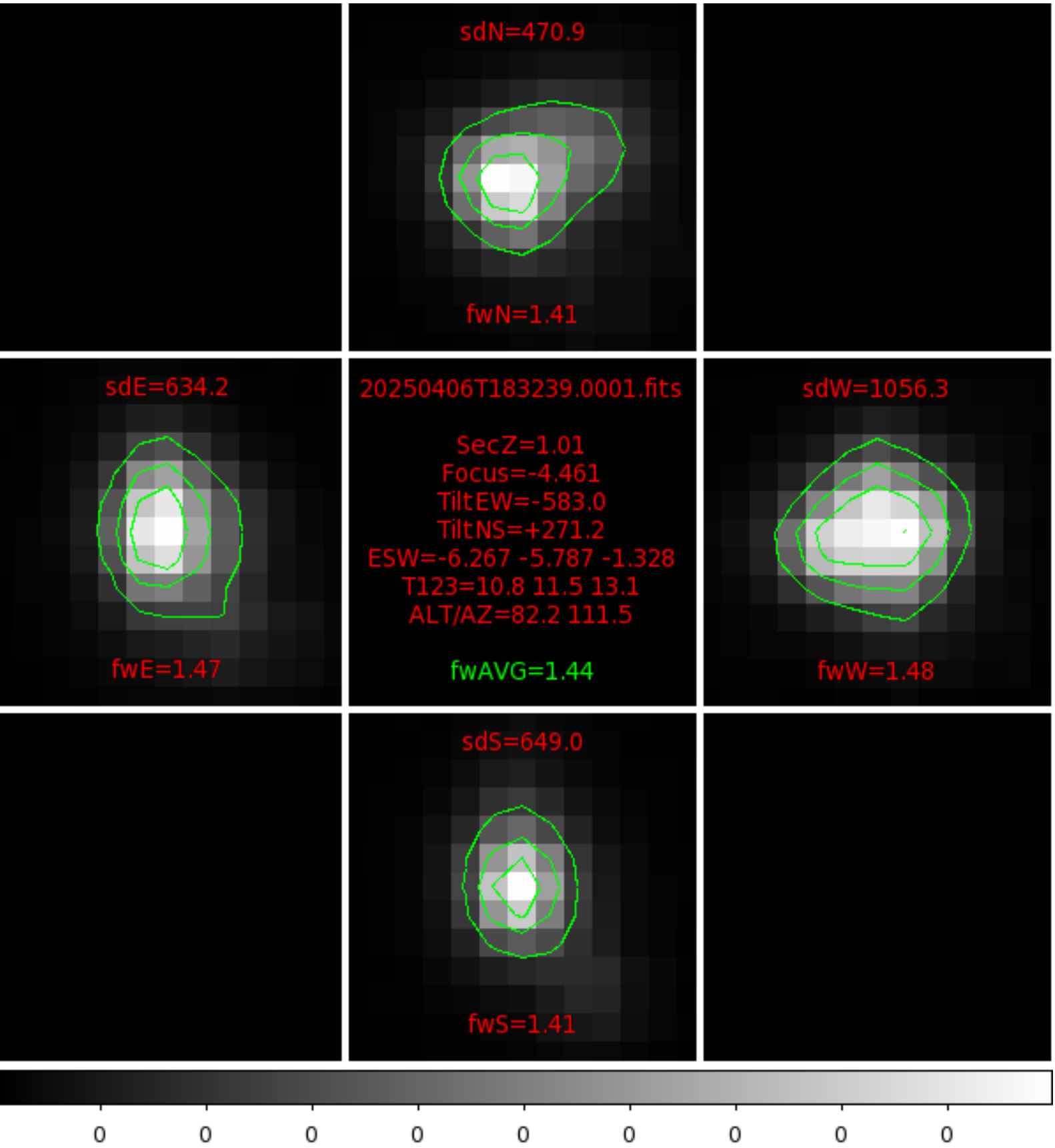
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.1
ALT/AZ=82.2 111.5
fwAVG=1.44
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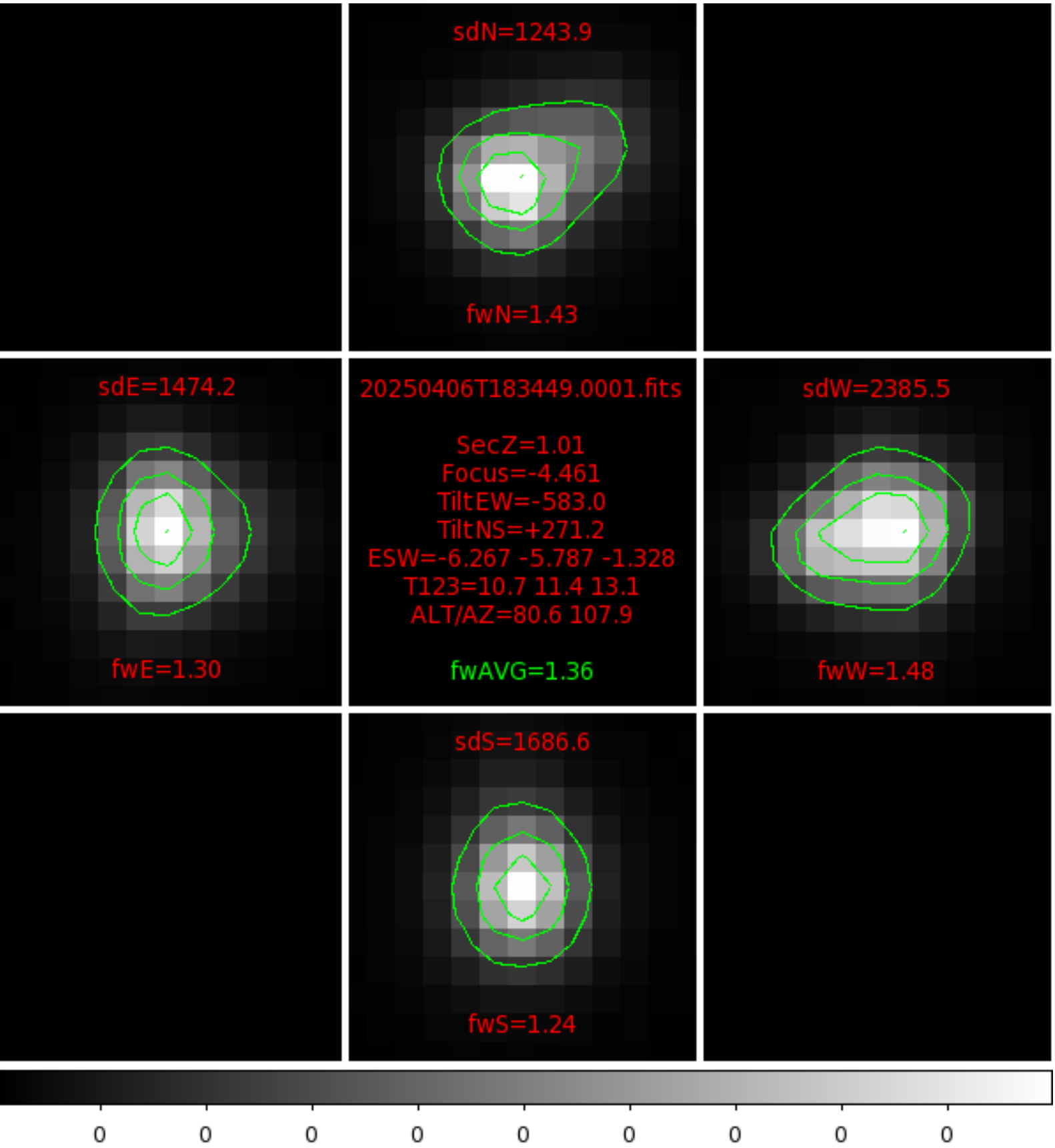
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.4 13.1
ALT/AZ=80.6 107.9
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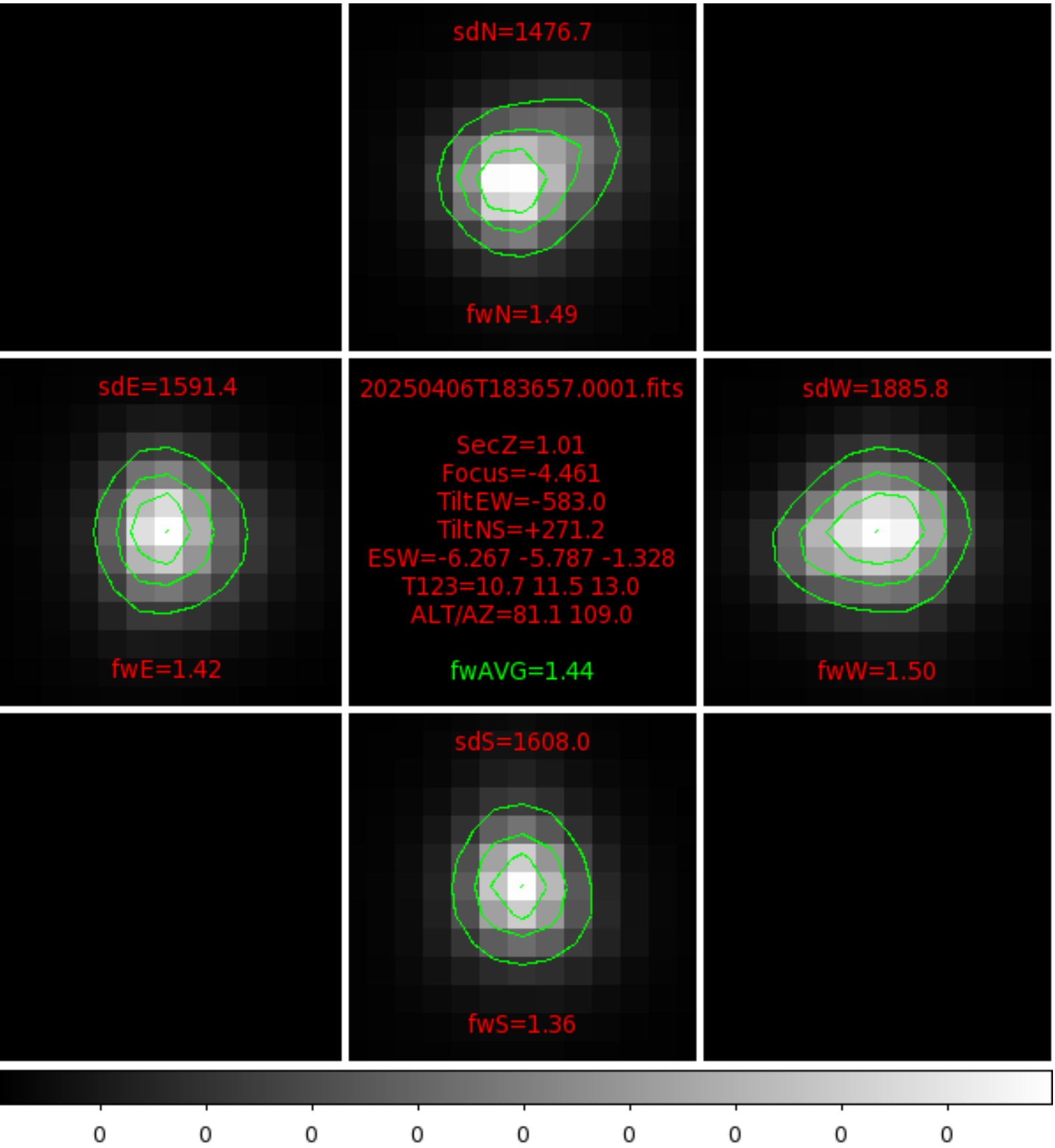
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sdE=1591.4
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SecZ=1.01
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.5 13.0
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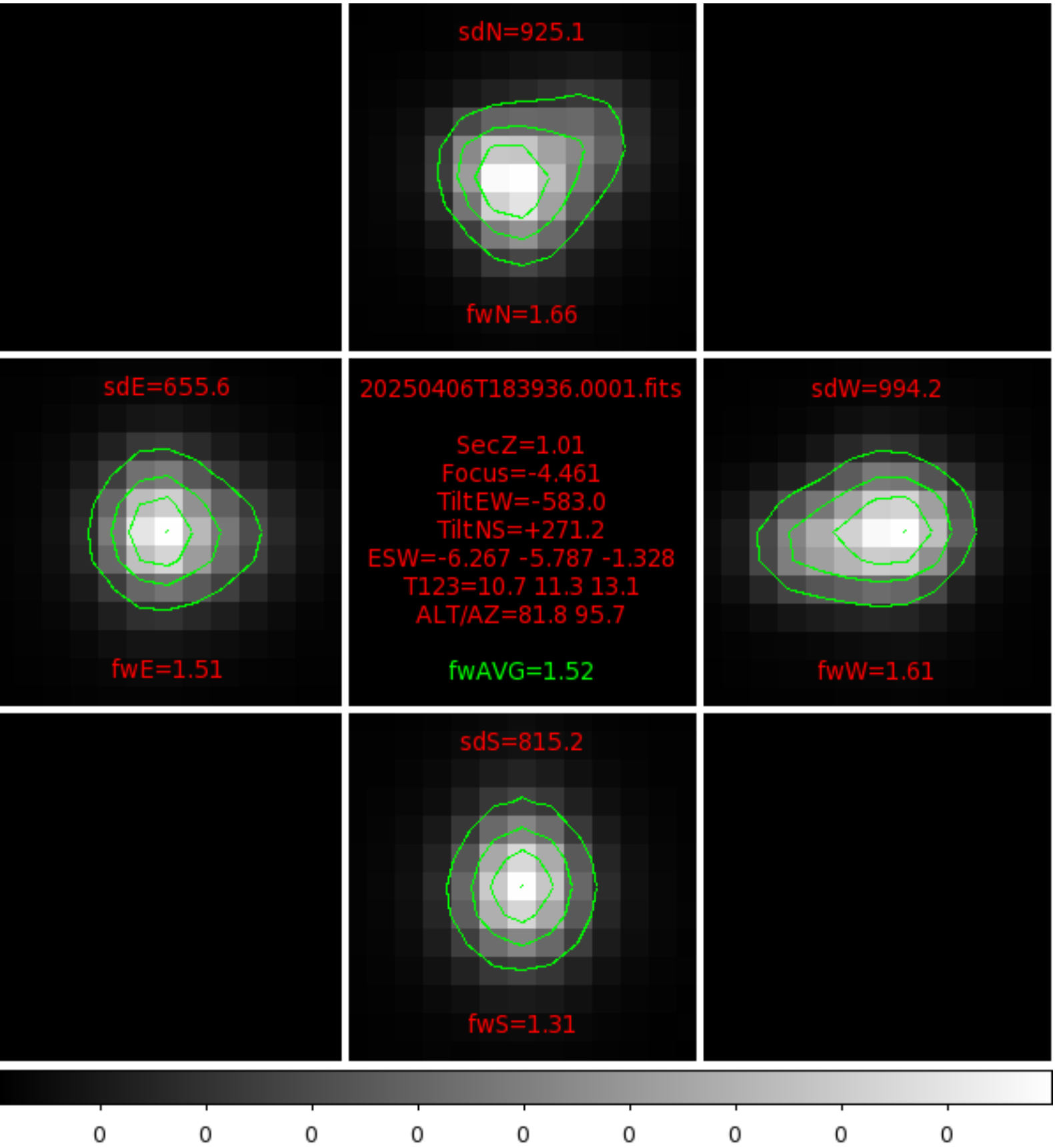
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SecZ=1.01
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.3 13.1
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fwAVG=1.52
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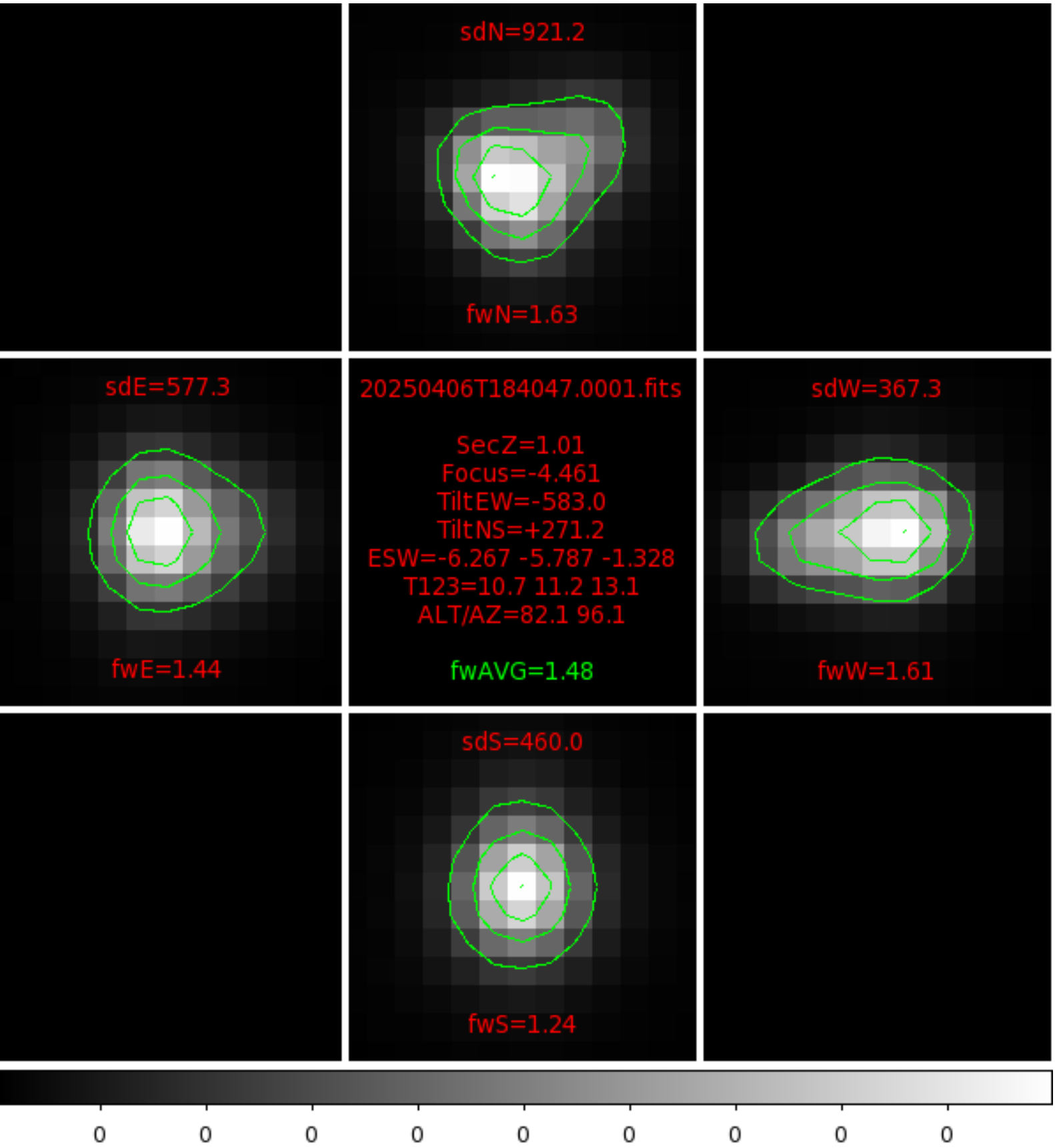
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SecZ=1.01
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.2 13.1
ALT/AZ=82.1 96.1
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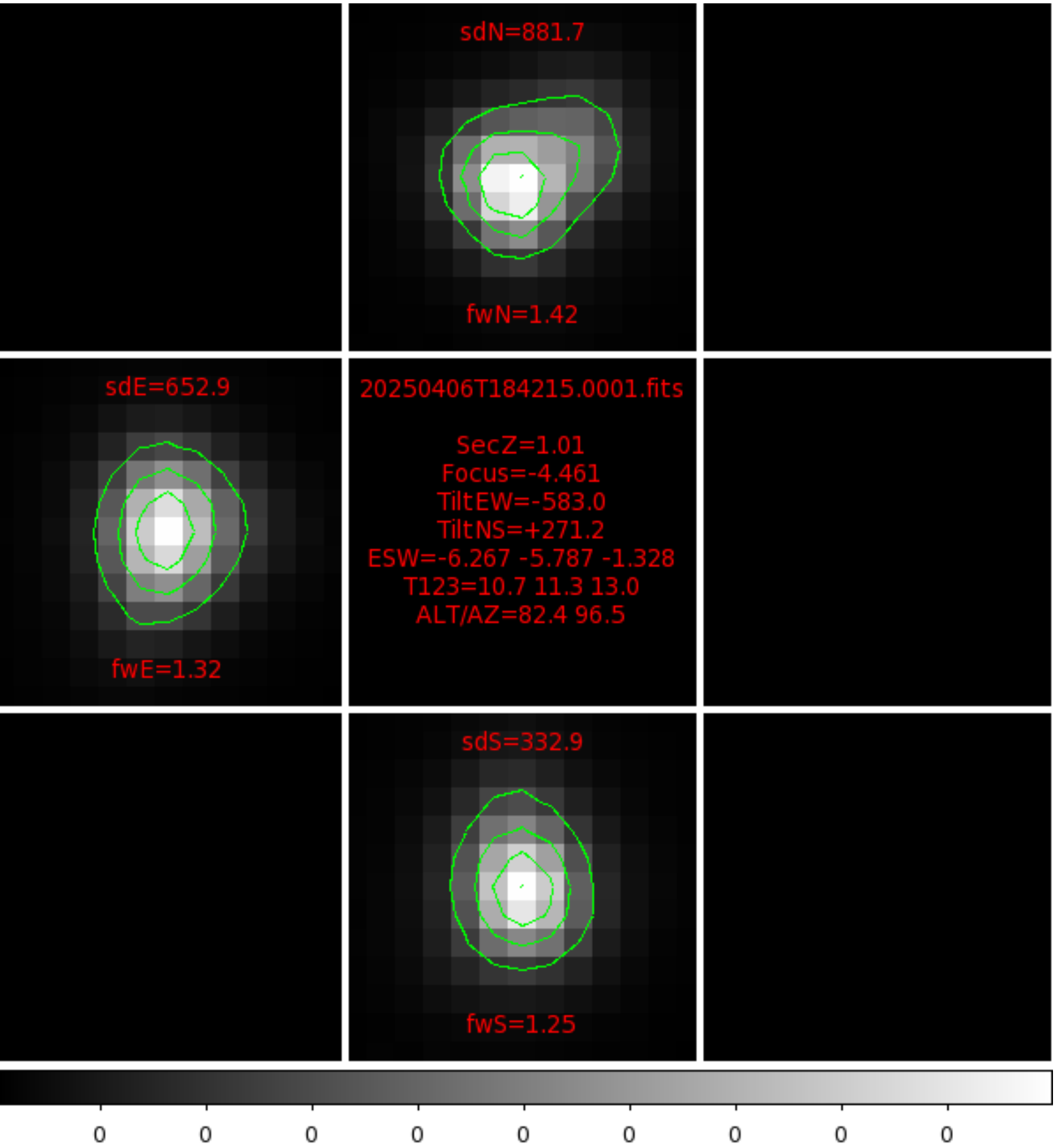
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.3 13.0
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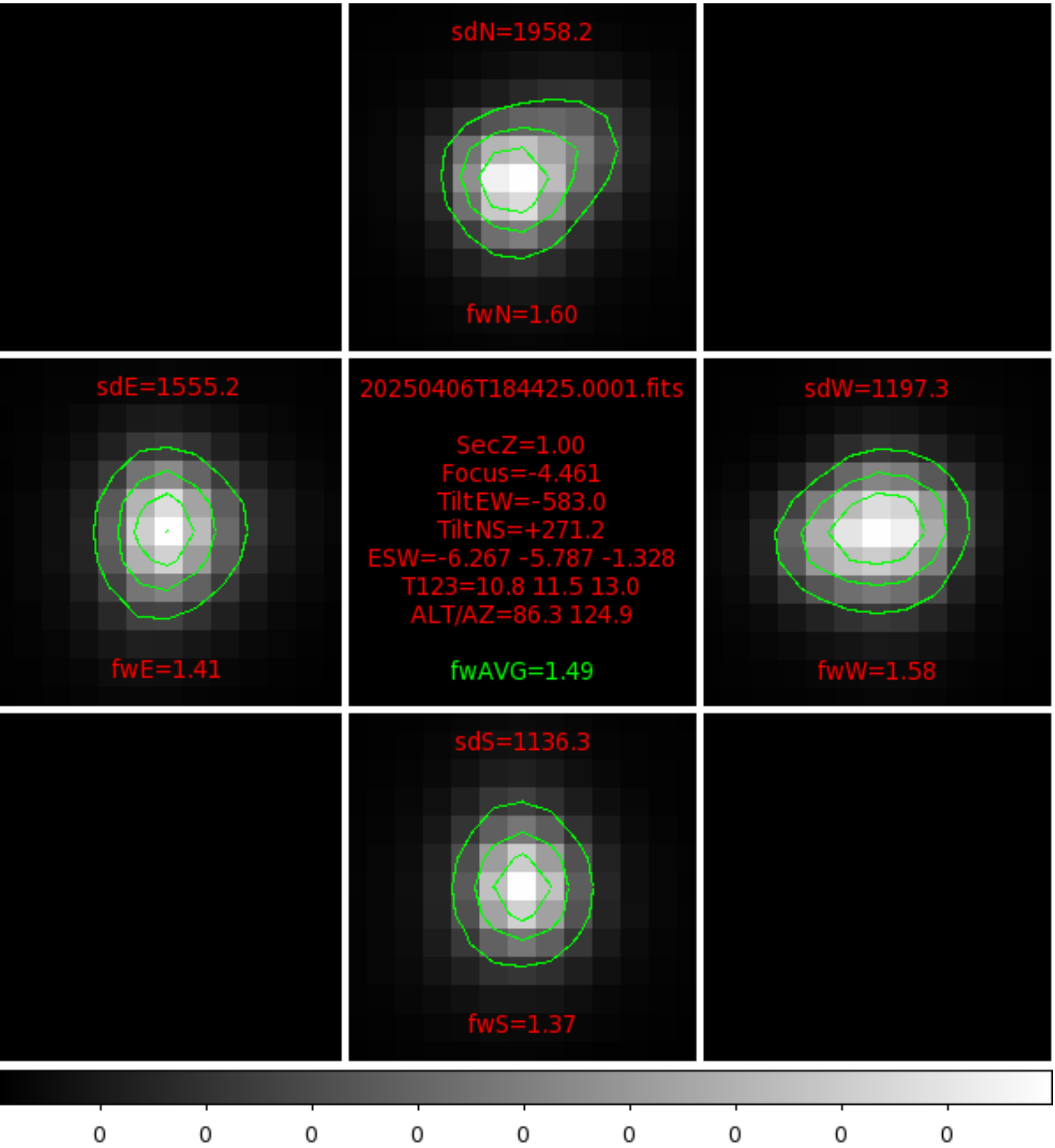
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.0
ALT/AZ=86.3 124.9
fwAVG=1.49
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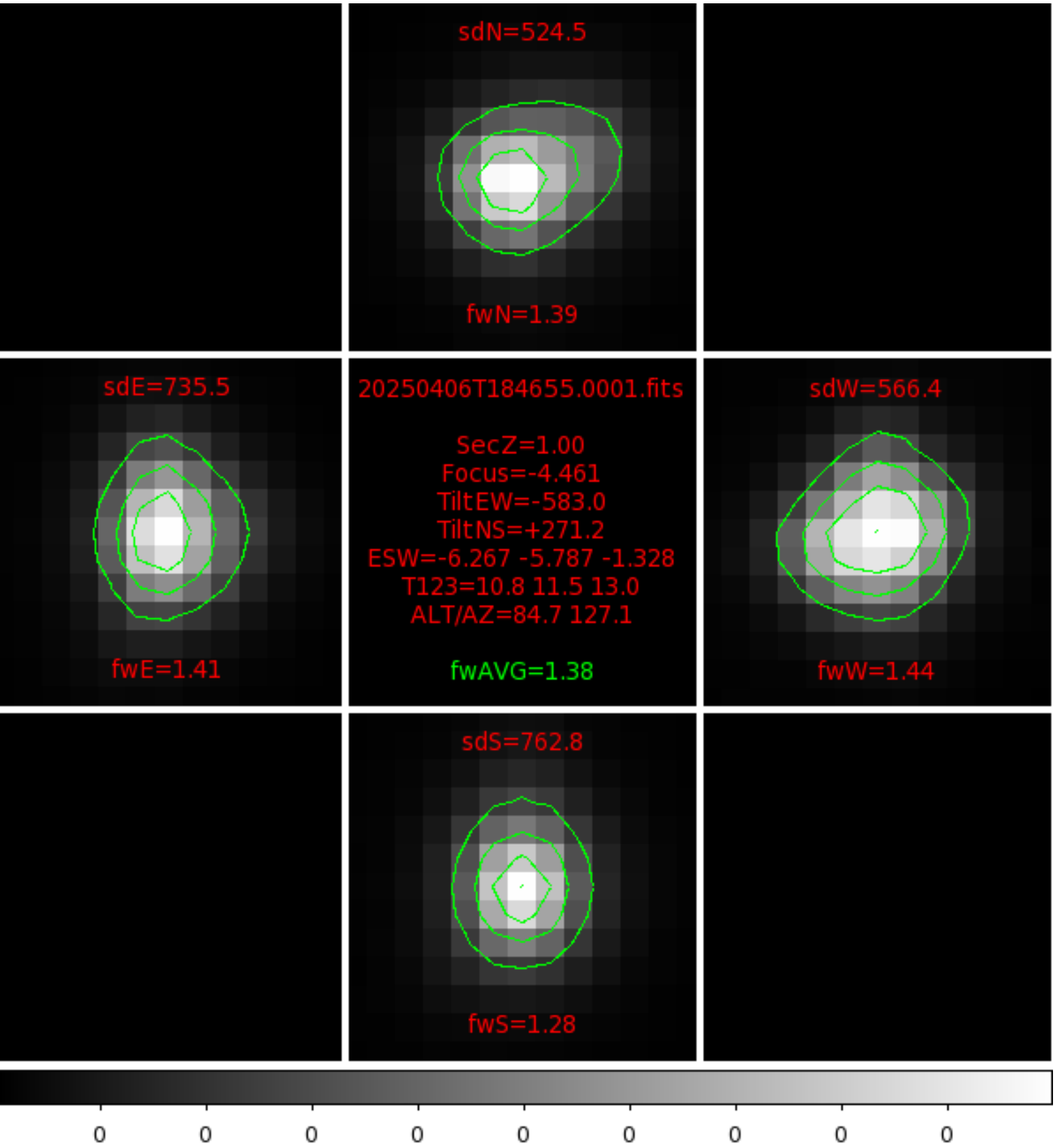
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SecZ=1.00
Focus=-4.461
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T123=10.8 11.5 13.0
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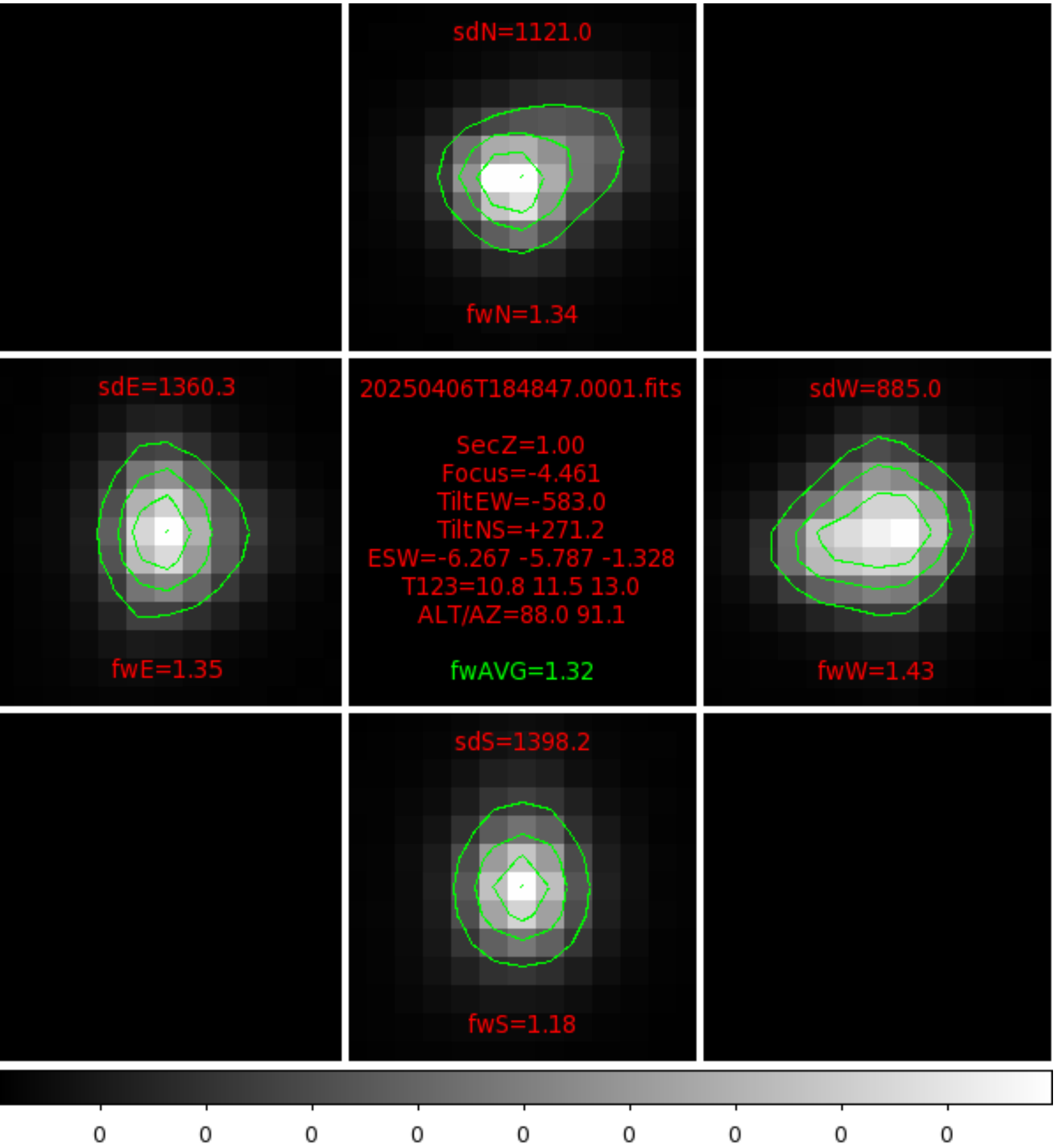
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SecZ=1.00
Focus=-4.461
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.0
ALT/AZ=88.0 91.1
fwAVG=1.32
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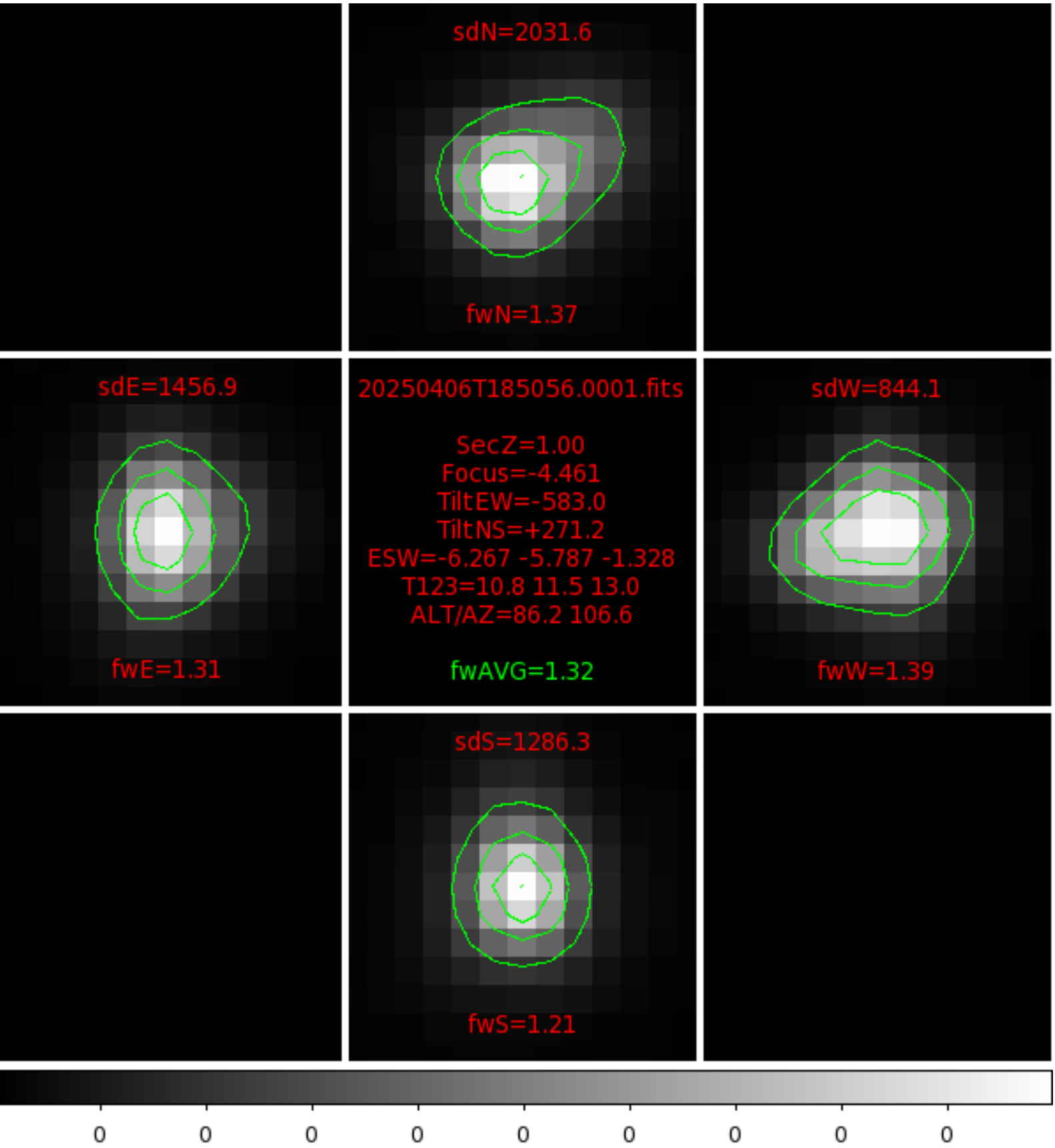
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Focus=-4.461
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.0
ALT/AZ=86.2 106.6
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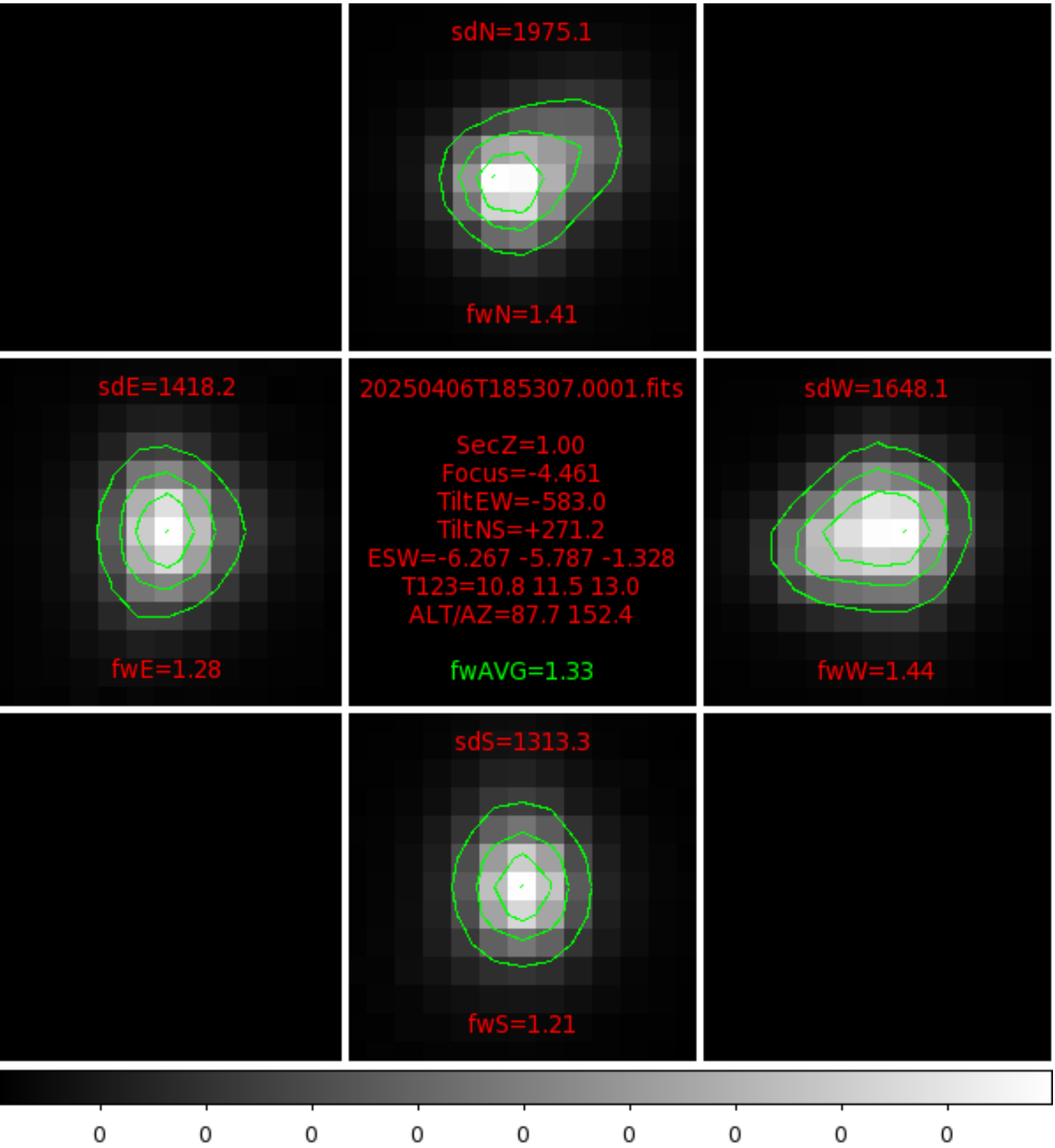
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TiltEW=-583.0
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ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.0
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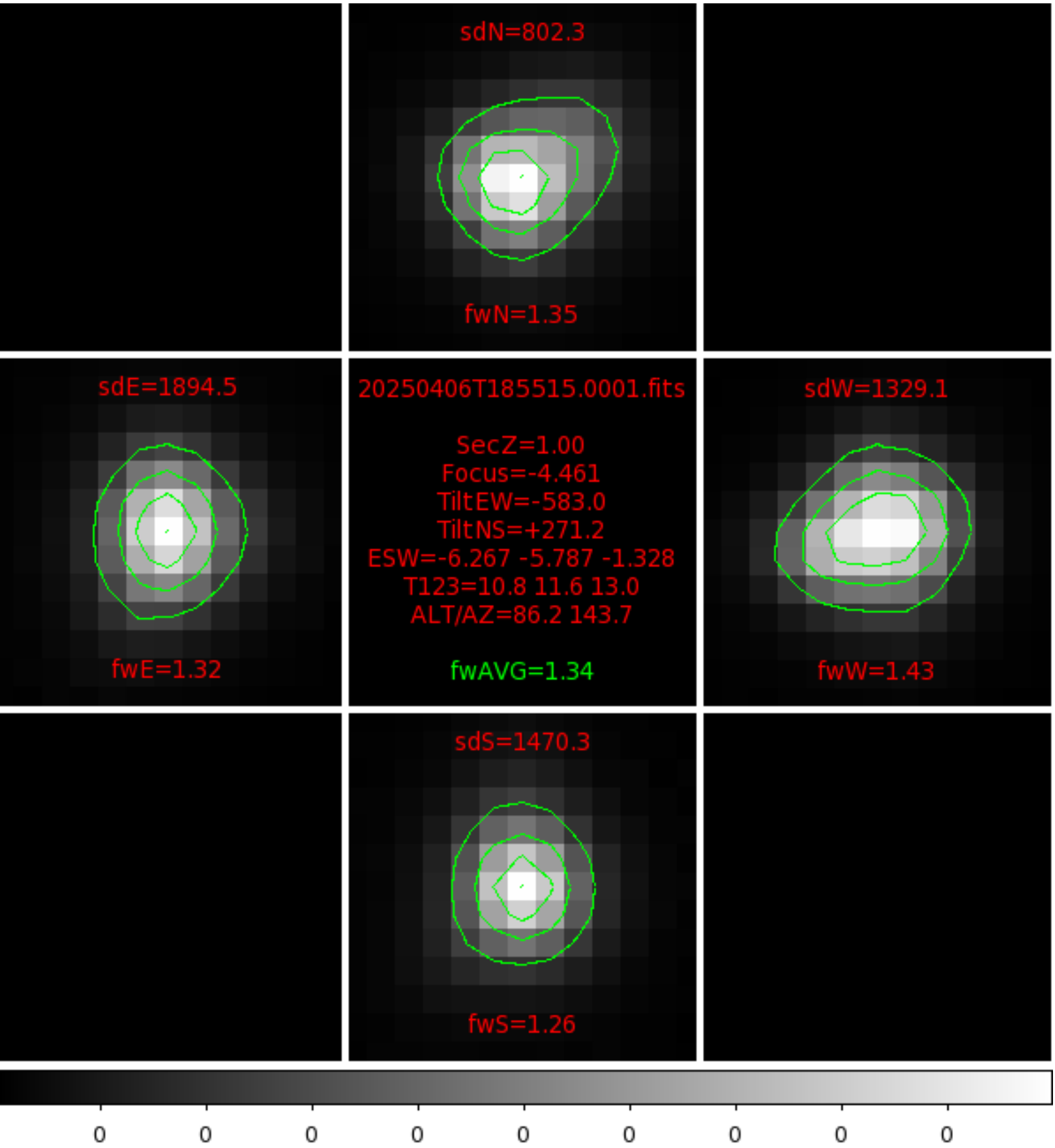
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sdE=1894.5
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.6 13.0
ALT/AZ=86.2 143.7
fwAVG=1.34
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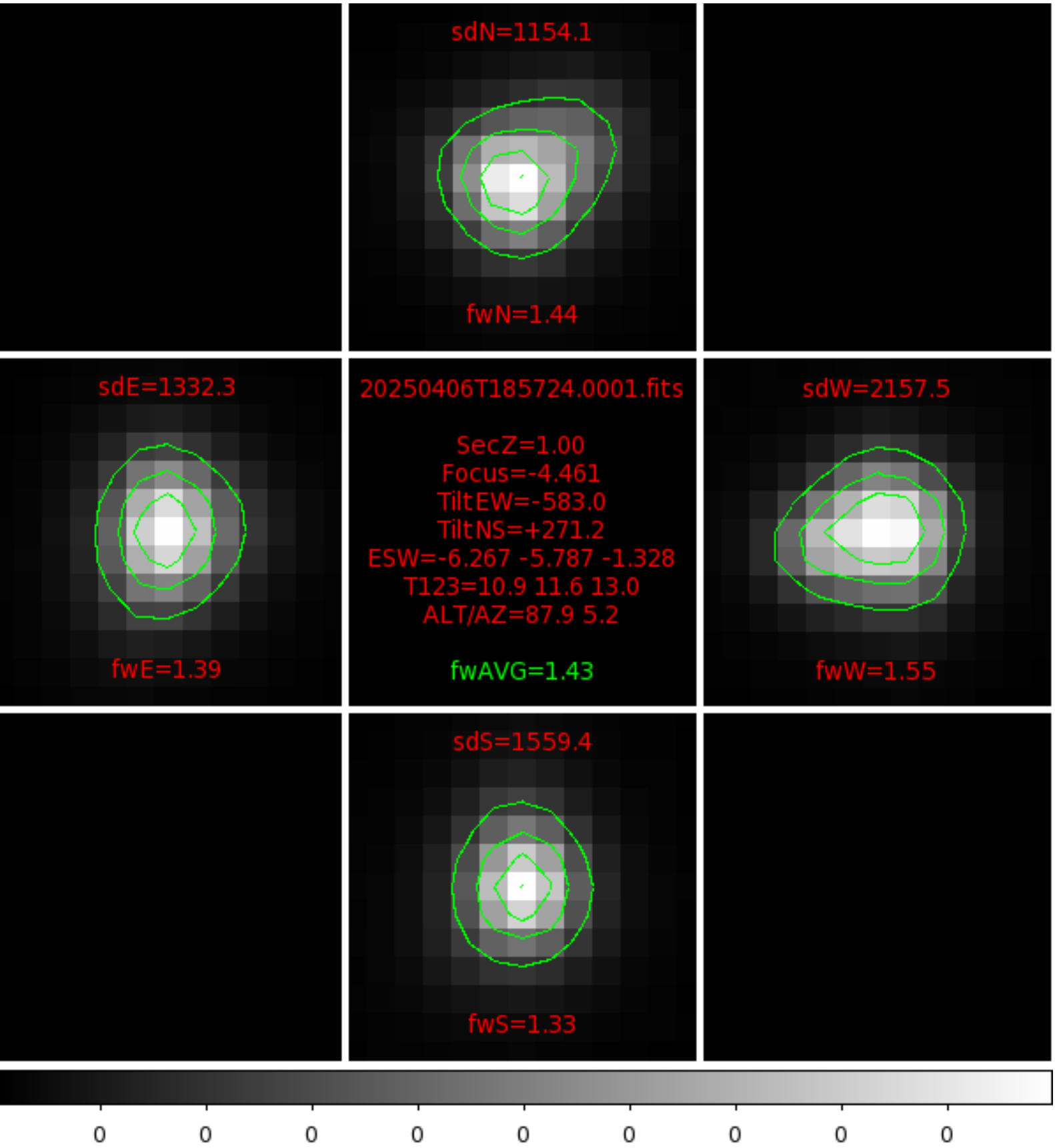
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.9 11.6 13.0
ALT/AZ=87.9 5.2
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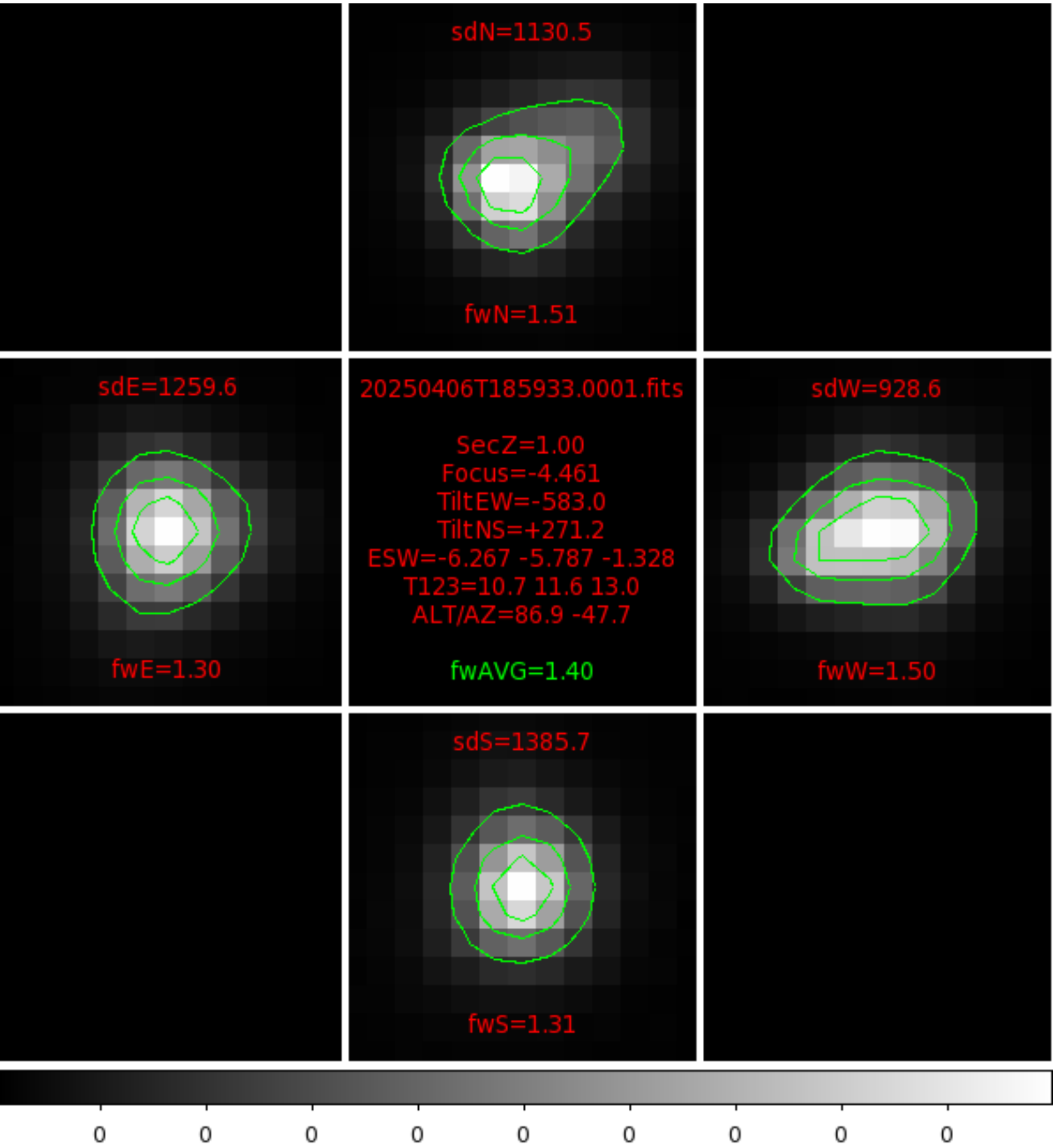
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.7 11.6 13.0
ALT/AZ=86.9 -47.7
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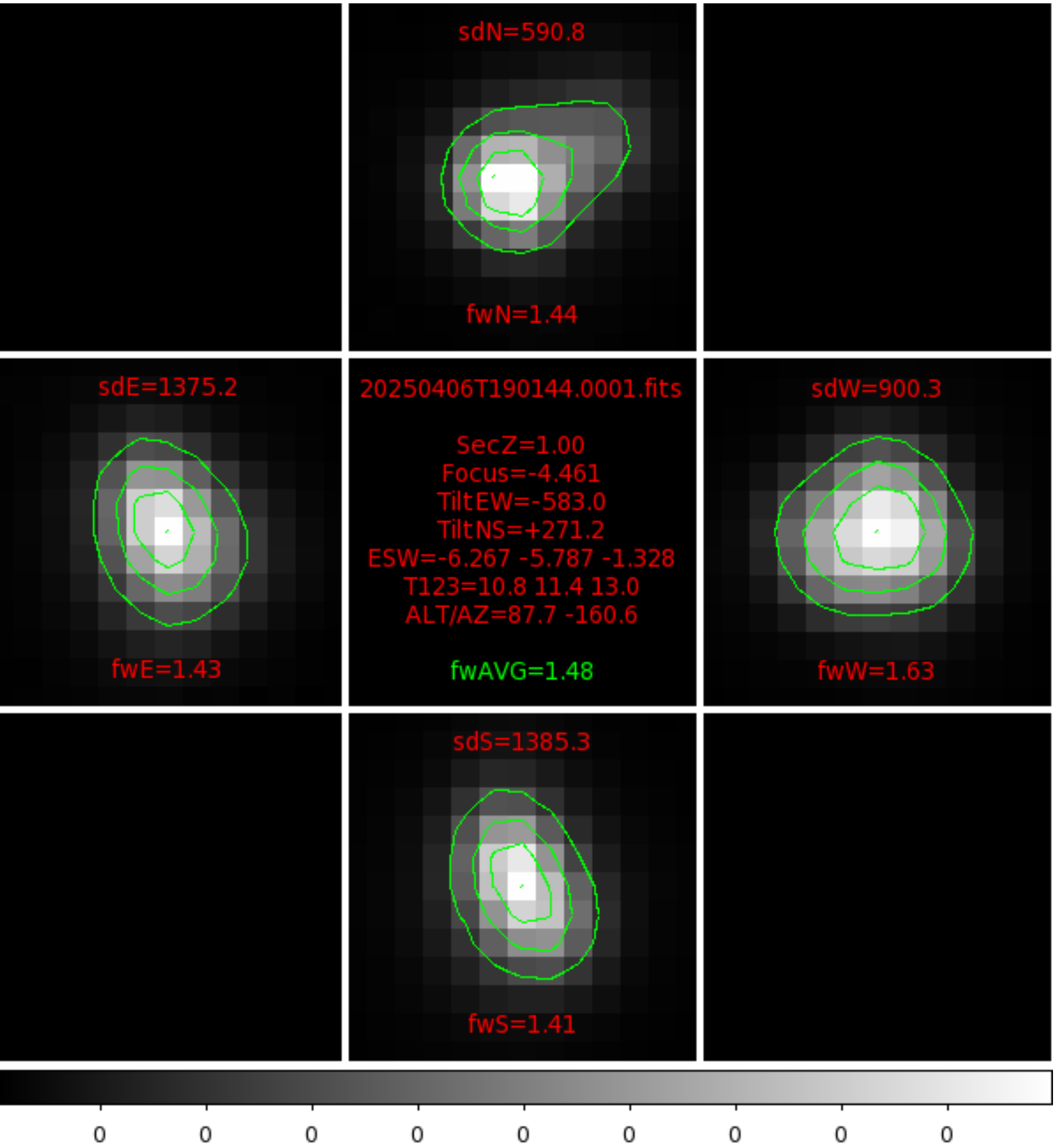
sdN=590.8
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.4 13.0
ALT/AZ=87.7 -160.6
fwAVG=1.48
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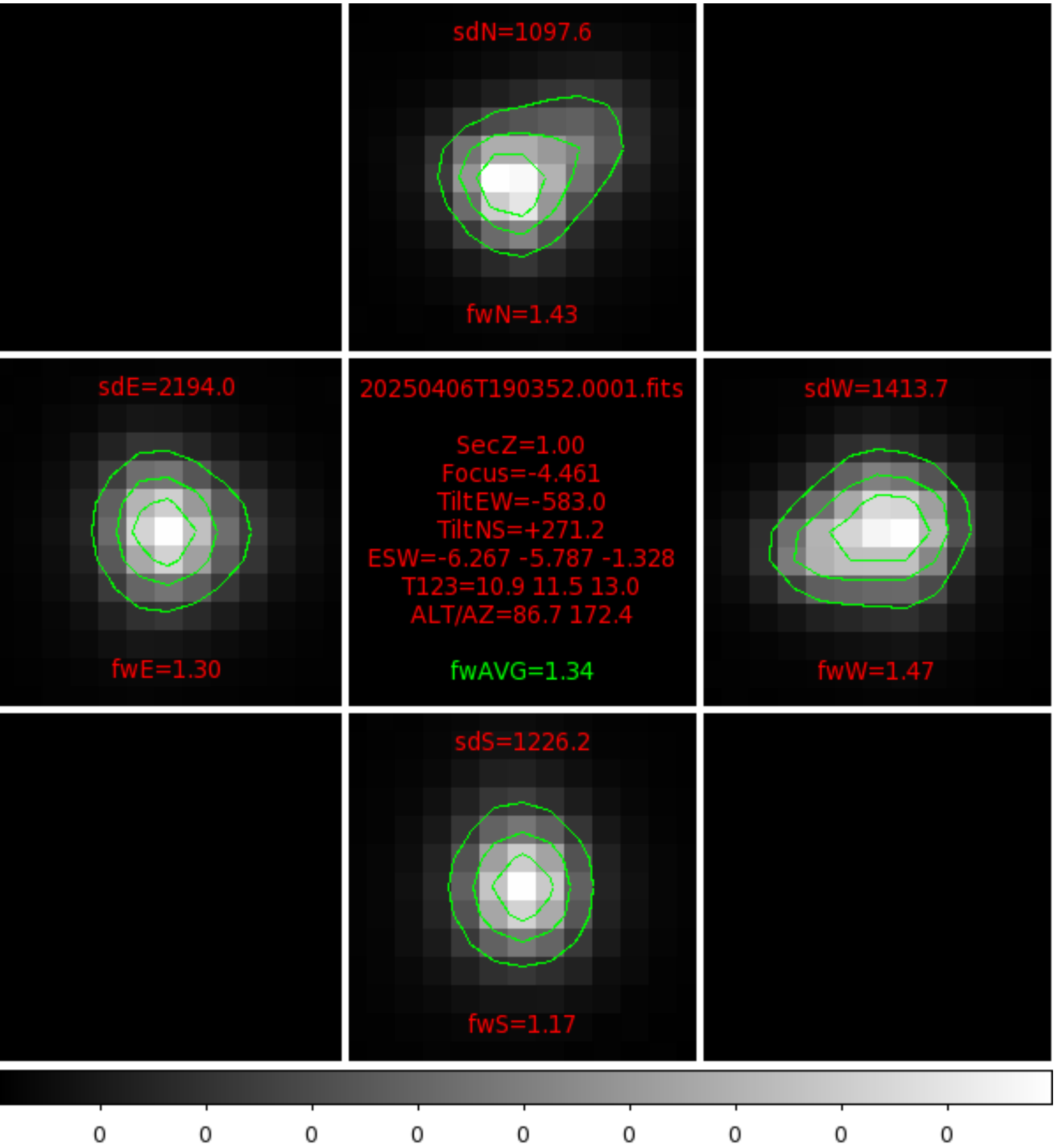
sdN=1097.6
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.9 11.5 13.0
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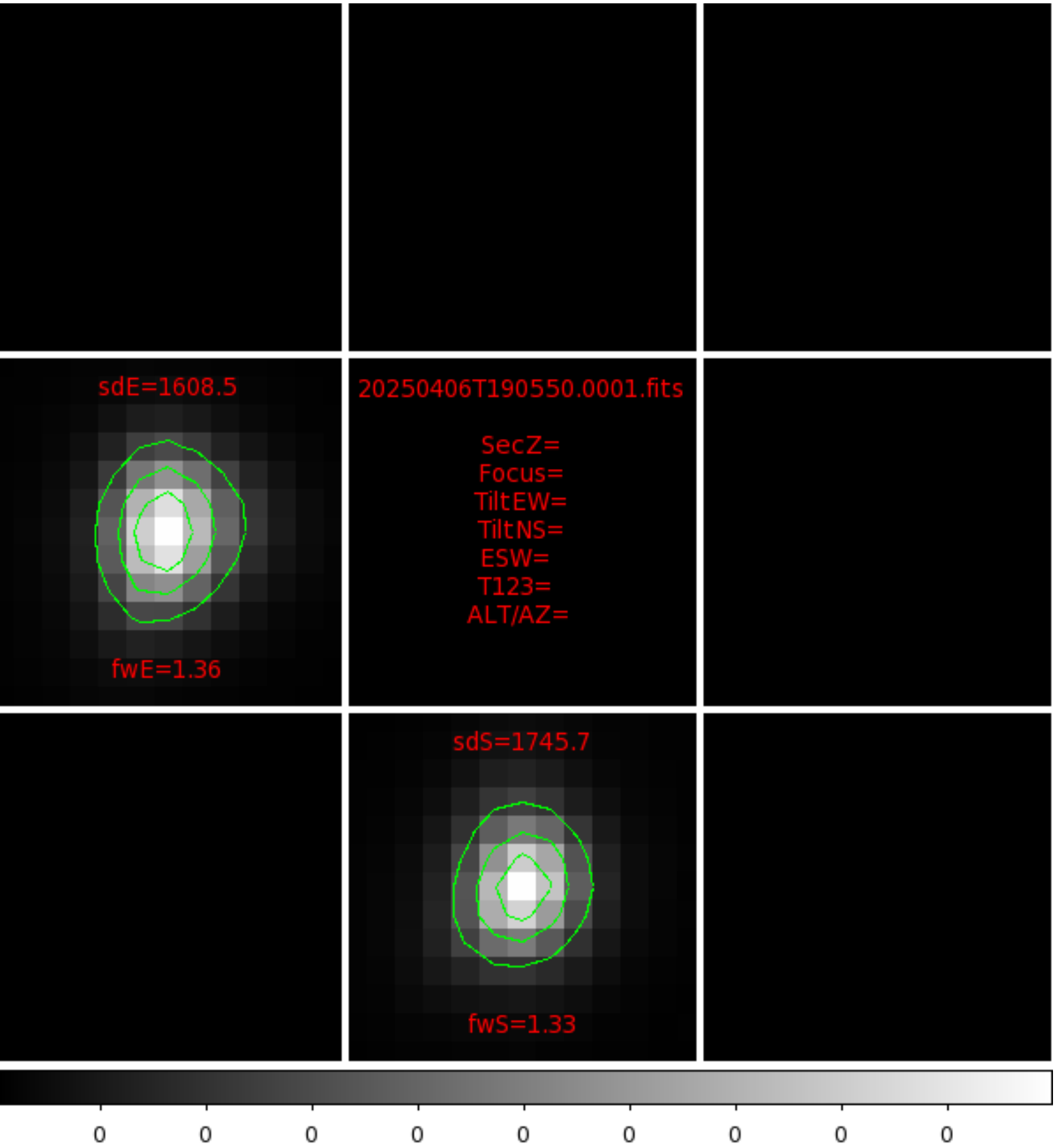
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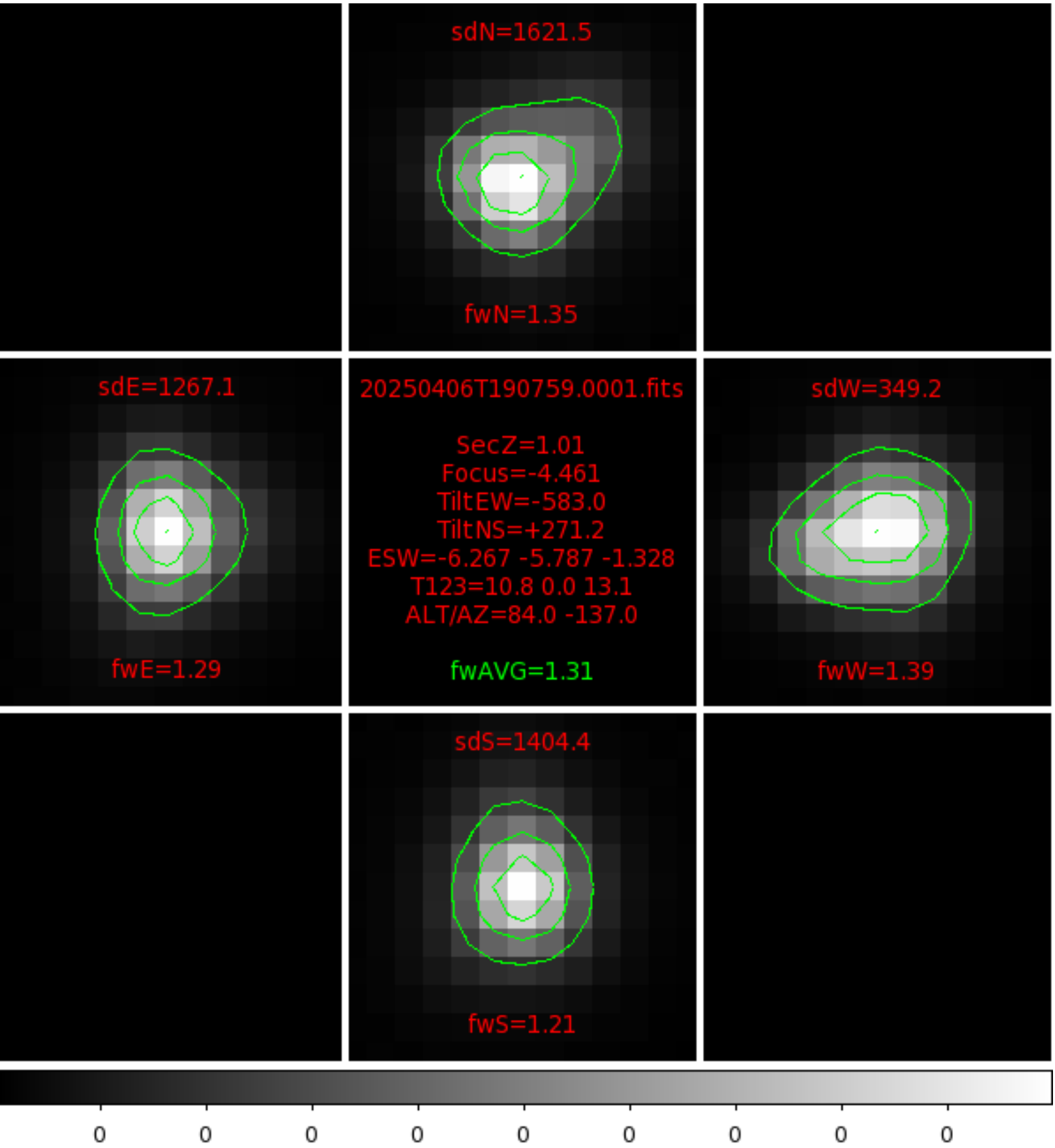
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SecZ=1.01
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 0.0 13.1
ALT/AZ=84.0 -137.0
fwAVG=1.31
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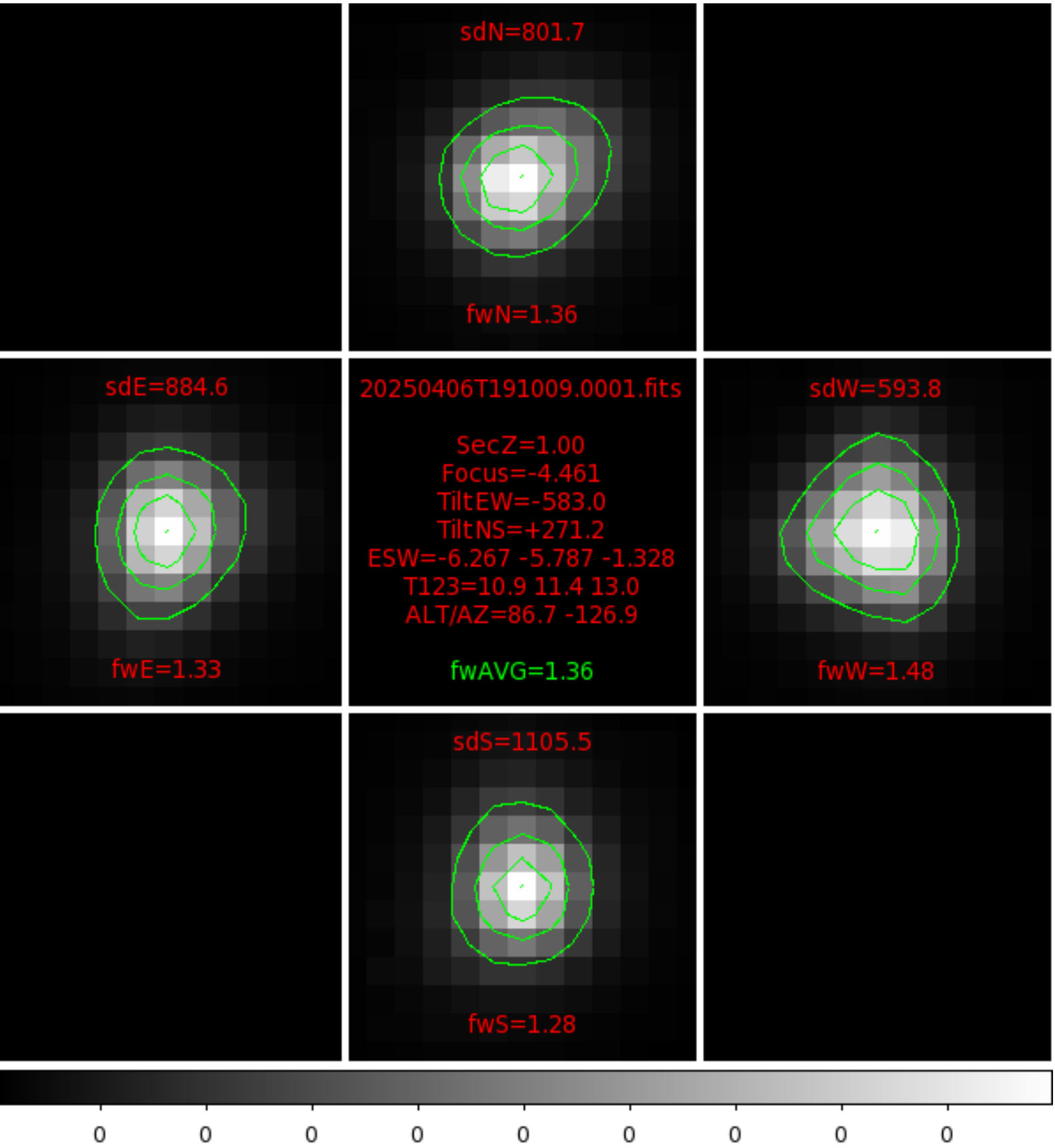
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SecZ=1.00
Focus=-4.461
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.9 11.4 13.0
ALT/AZ=86.7 -126.9
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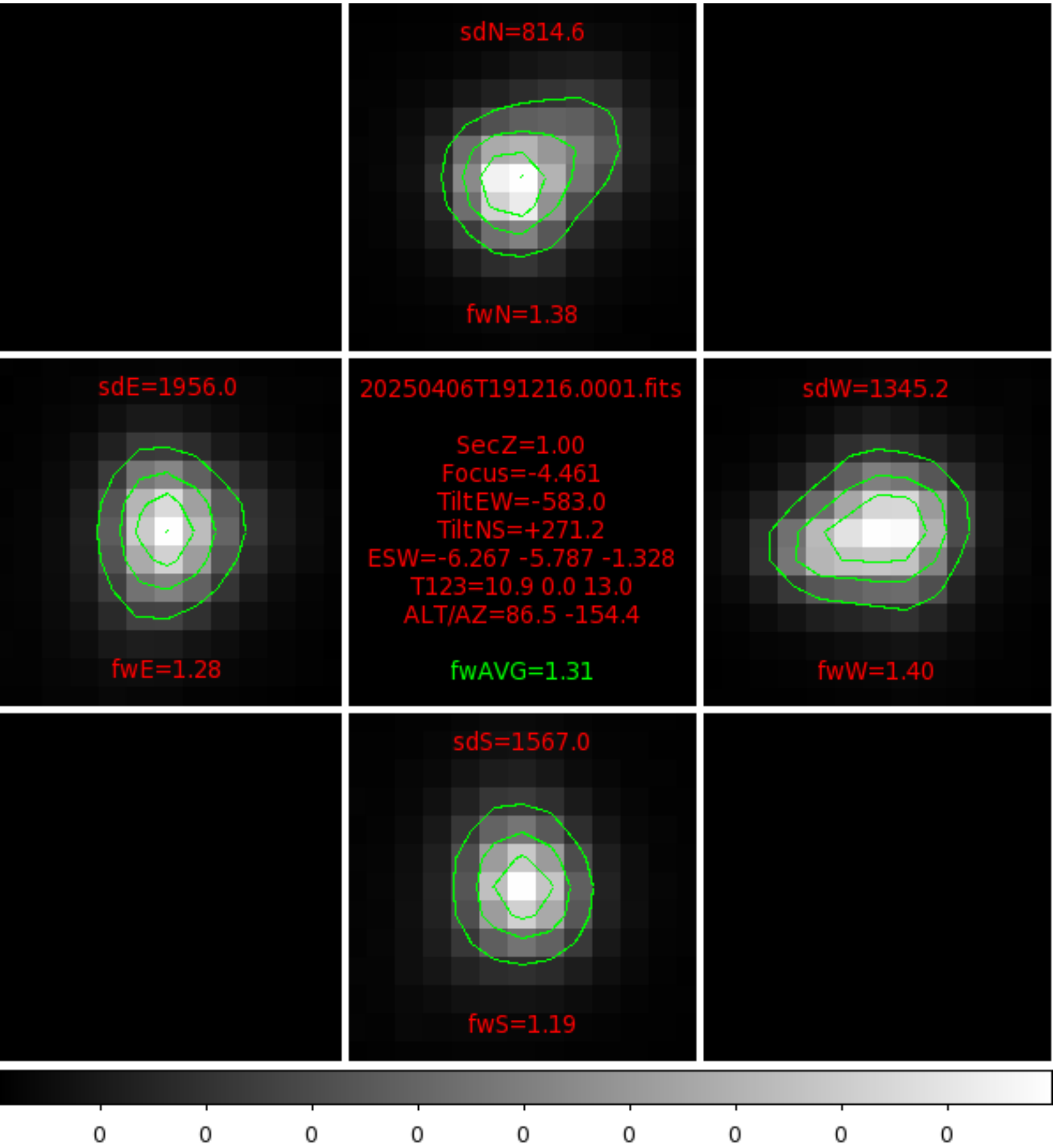
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.9 0.0 13.0
ALT/AZ=86.5 -154.4
fwAVG=1.31
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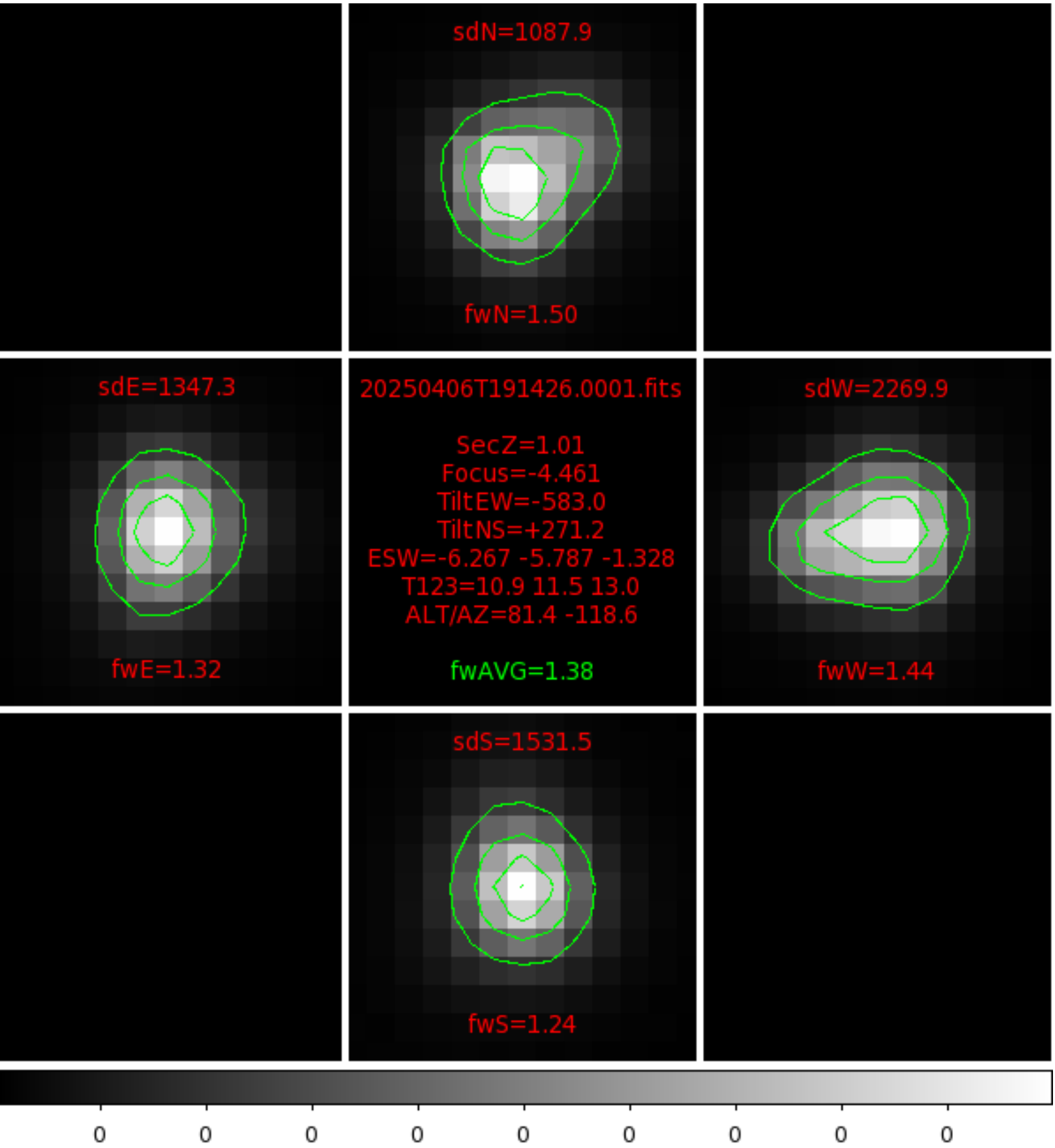
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T123=10.9 11.5 13.0
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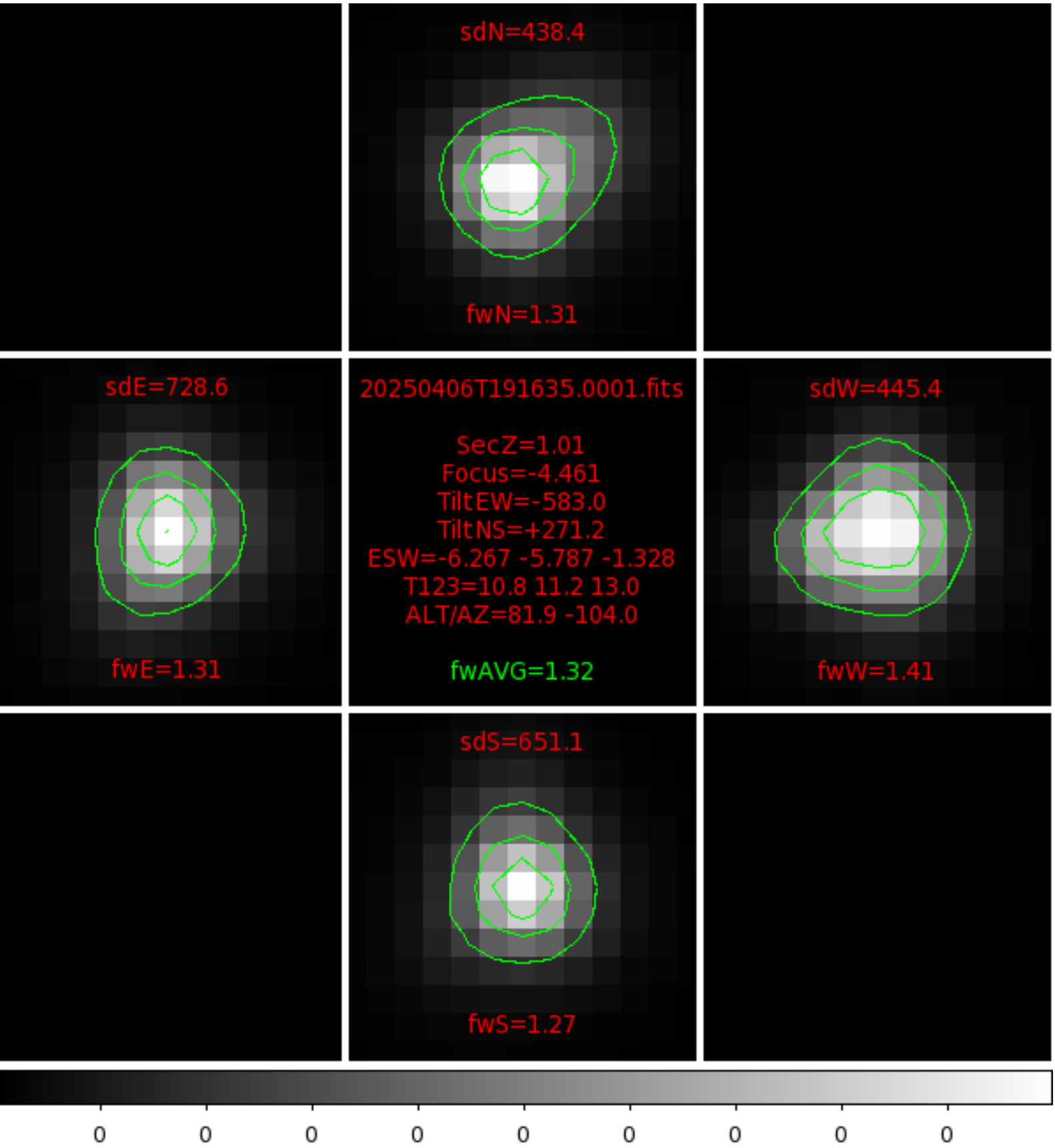
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.2 13.0
ALT/AZ=81.9 -104.0
fwAVG=1.32
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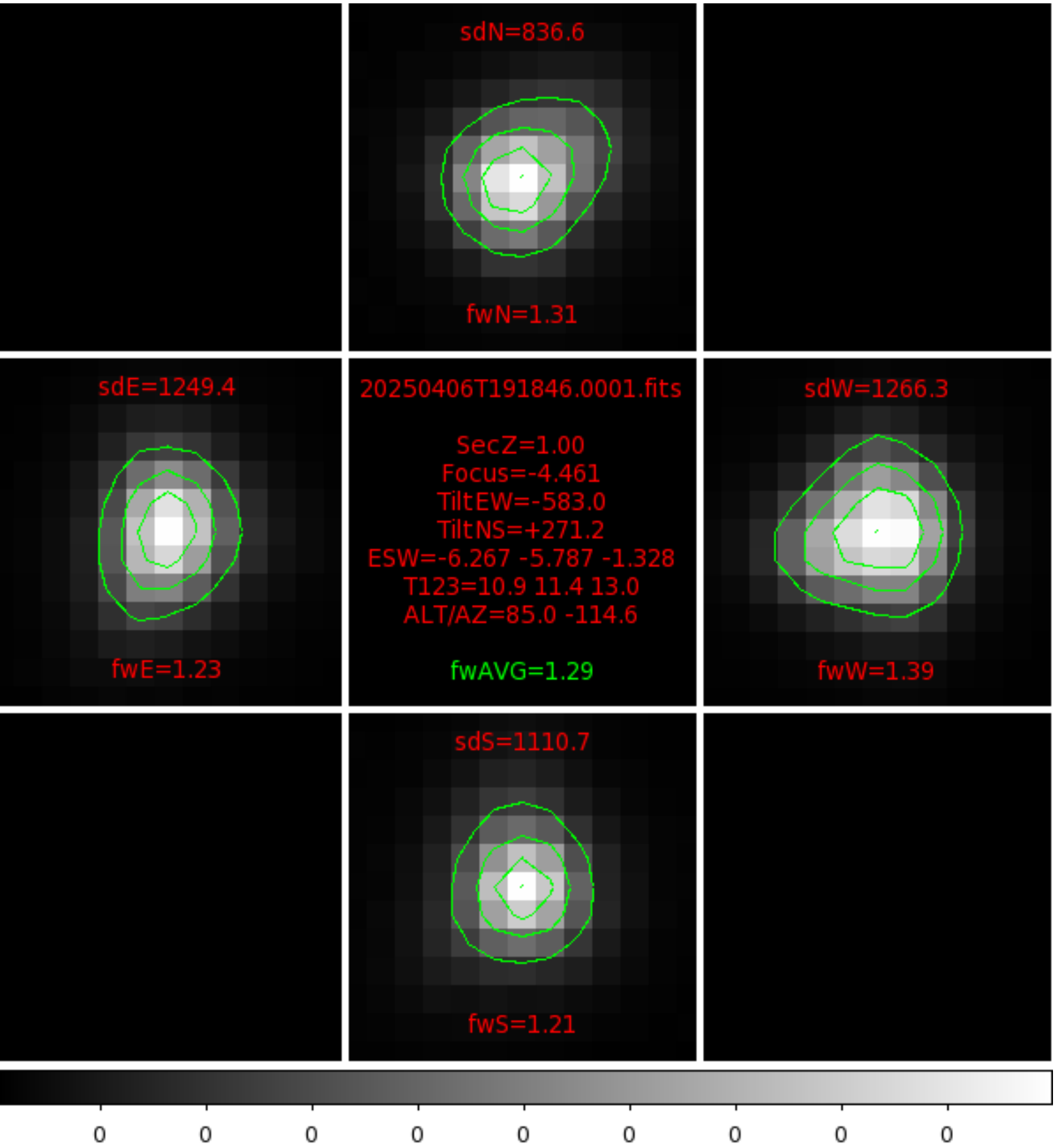
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.9 11.4 13.0
ALT/AZ=85.0 -114.6
fwAVG=1.29
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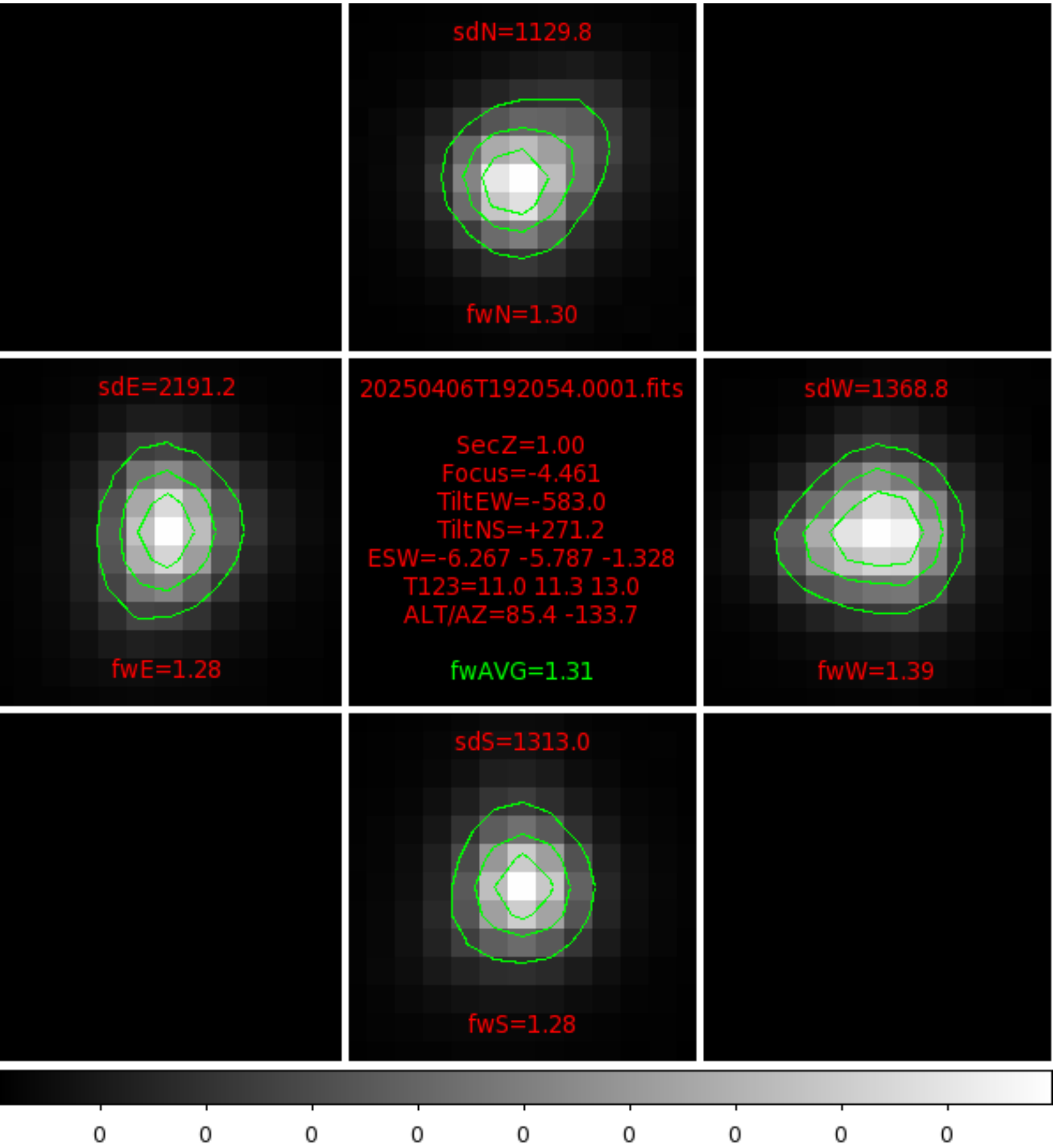
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T123=11.0 11.3 13.0
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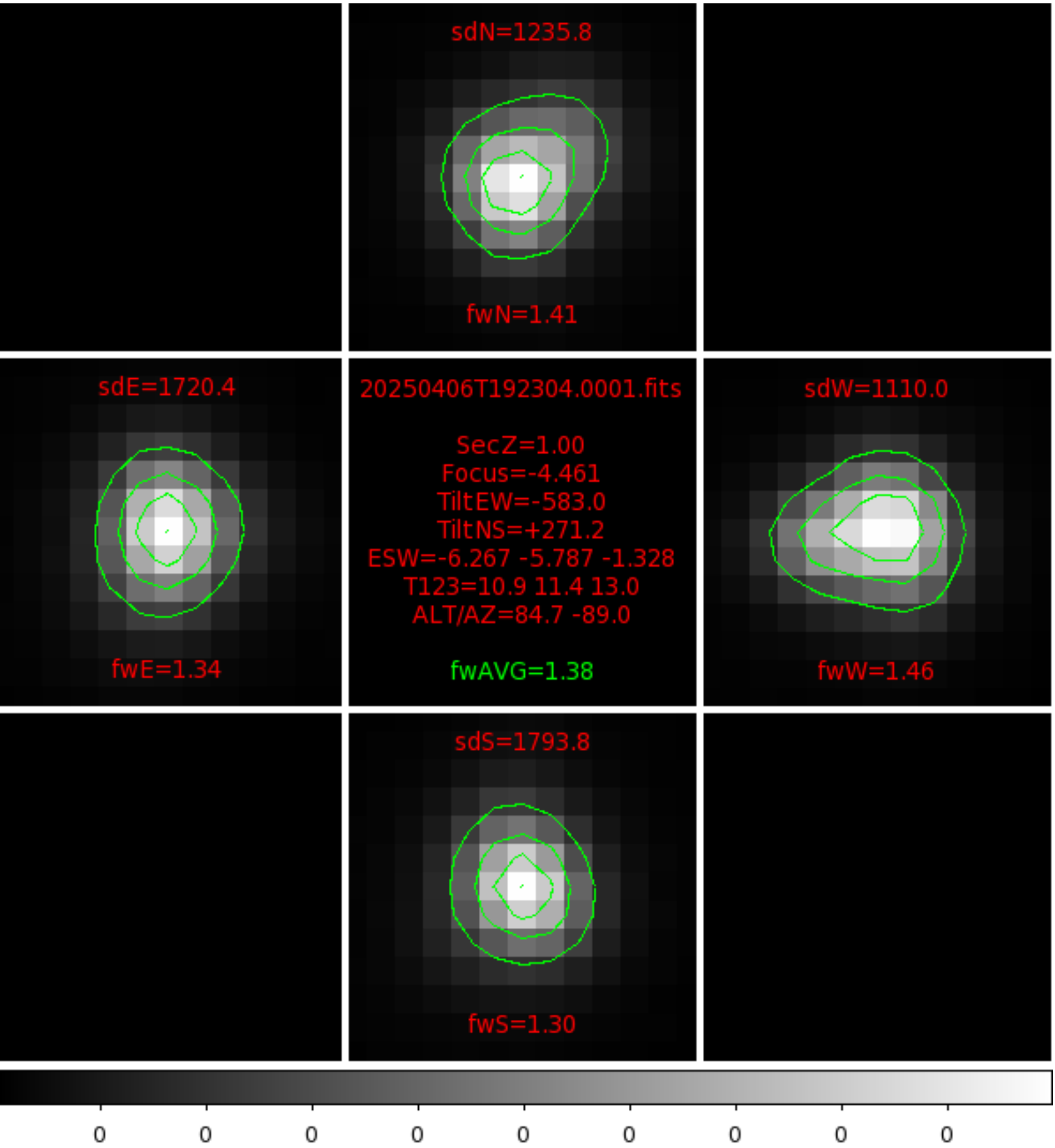
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ESW=-6.267 -5.787 -1.328
T123=10.9 11.4 13.0
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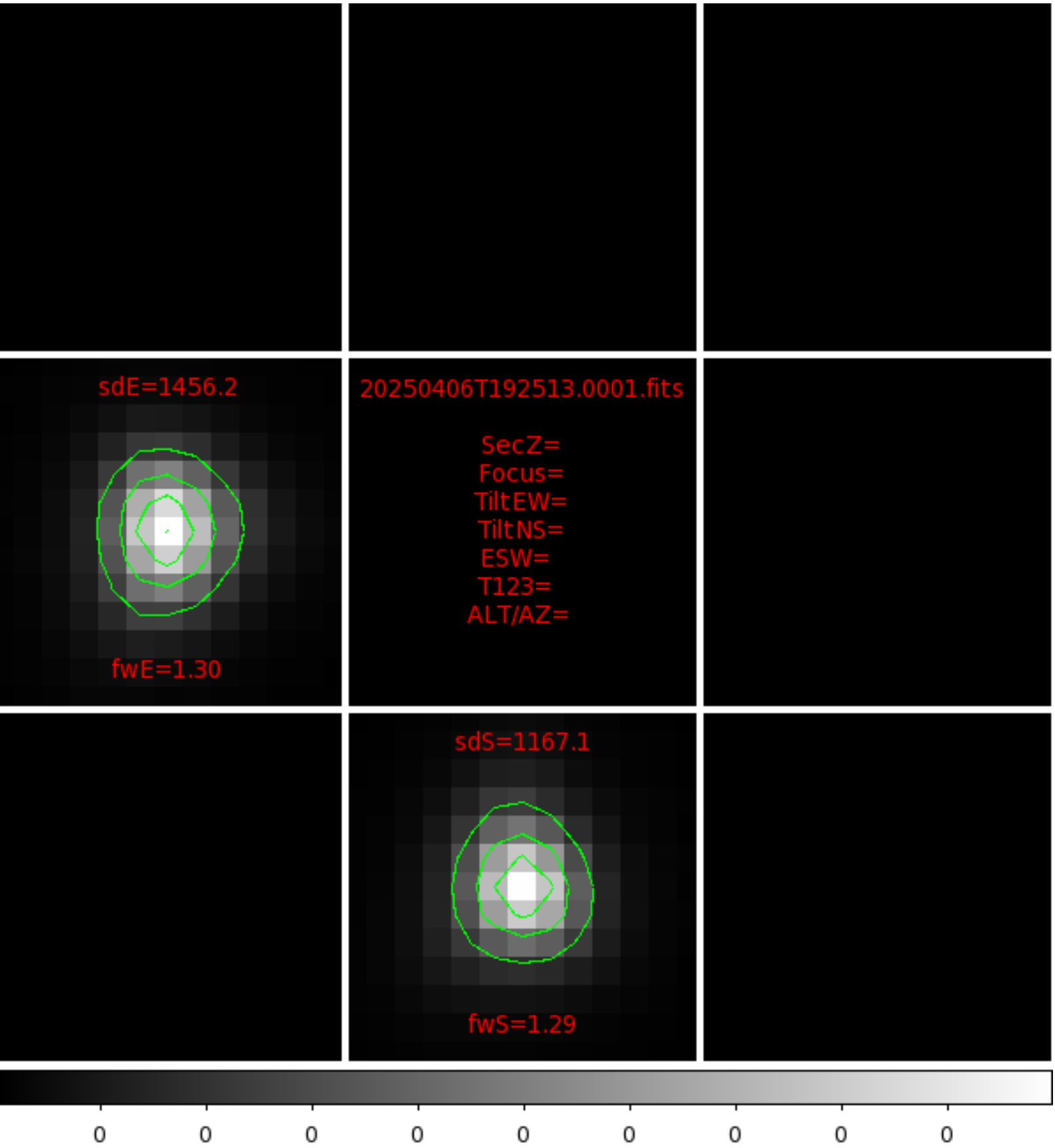
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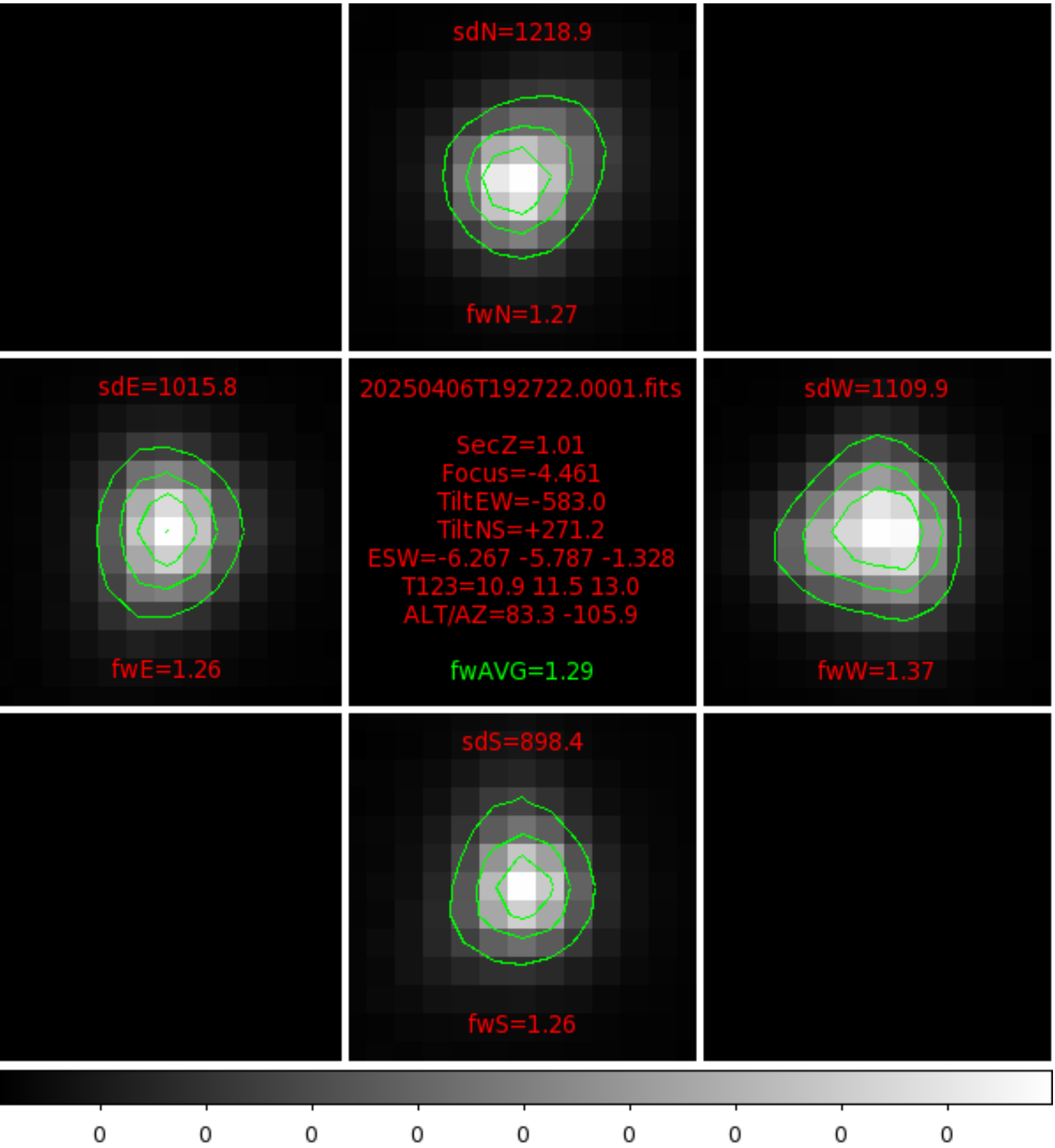
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.9 11.5 13.0
ALT/AZ=83.3 -105.9
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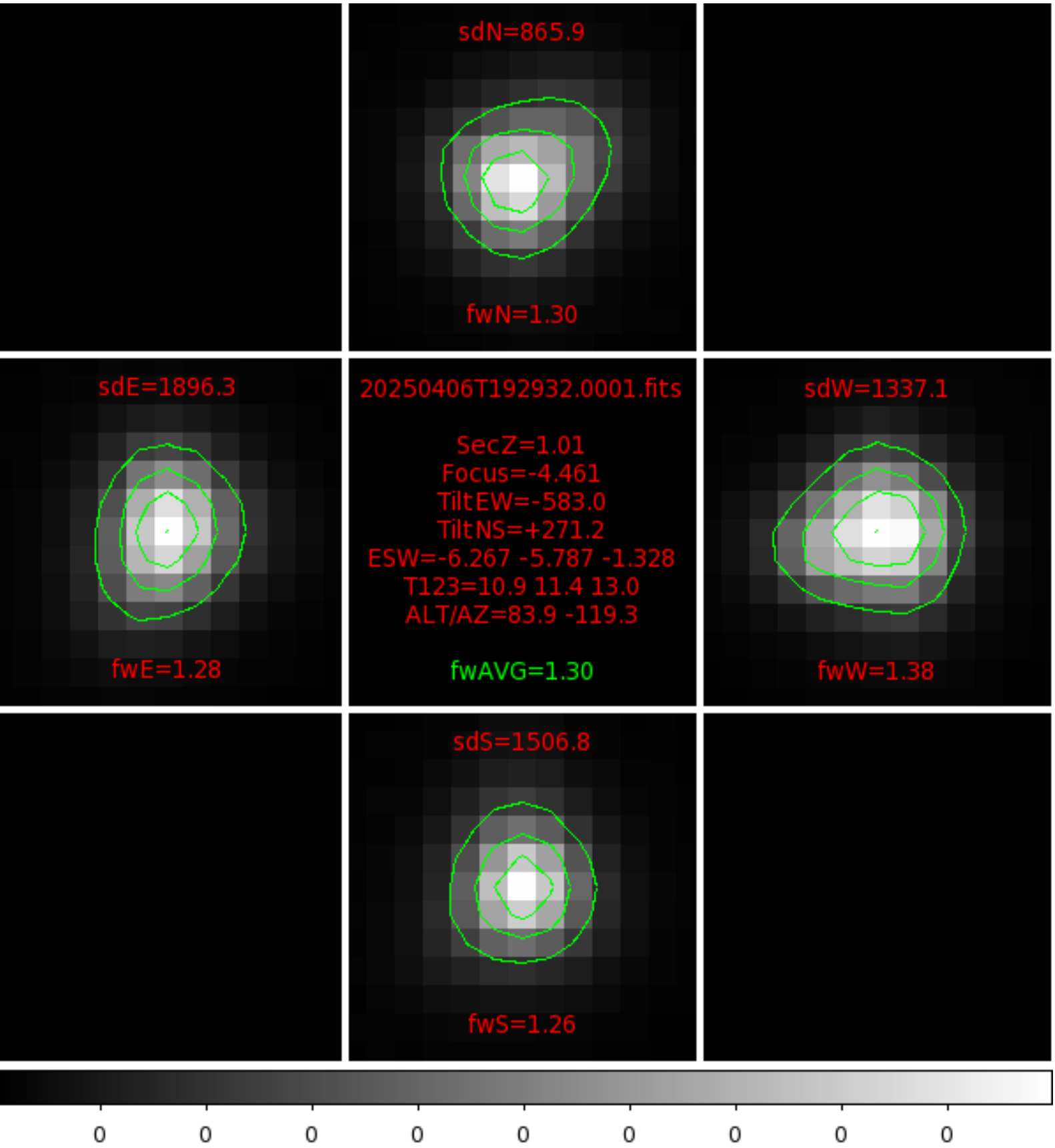
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.9 11.4 13.0
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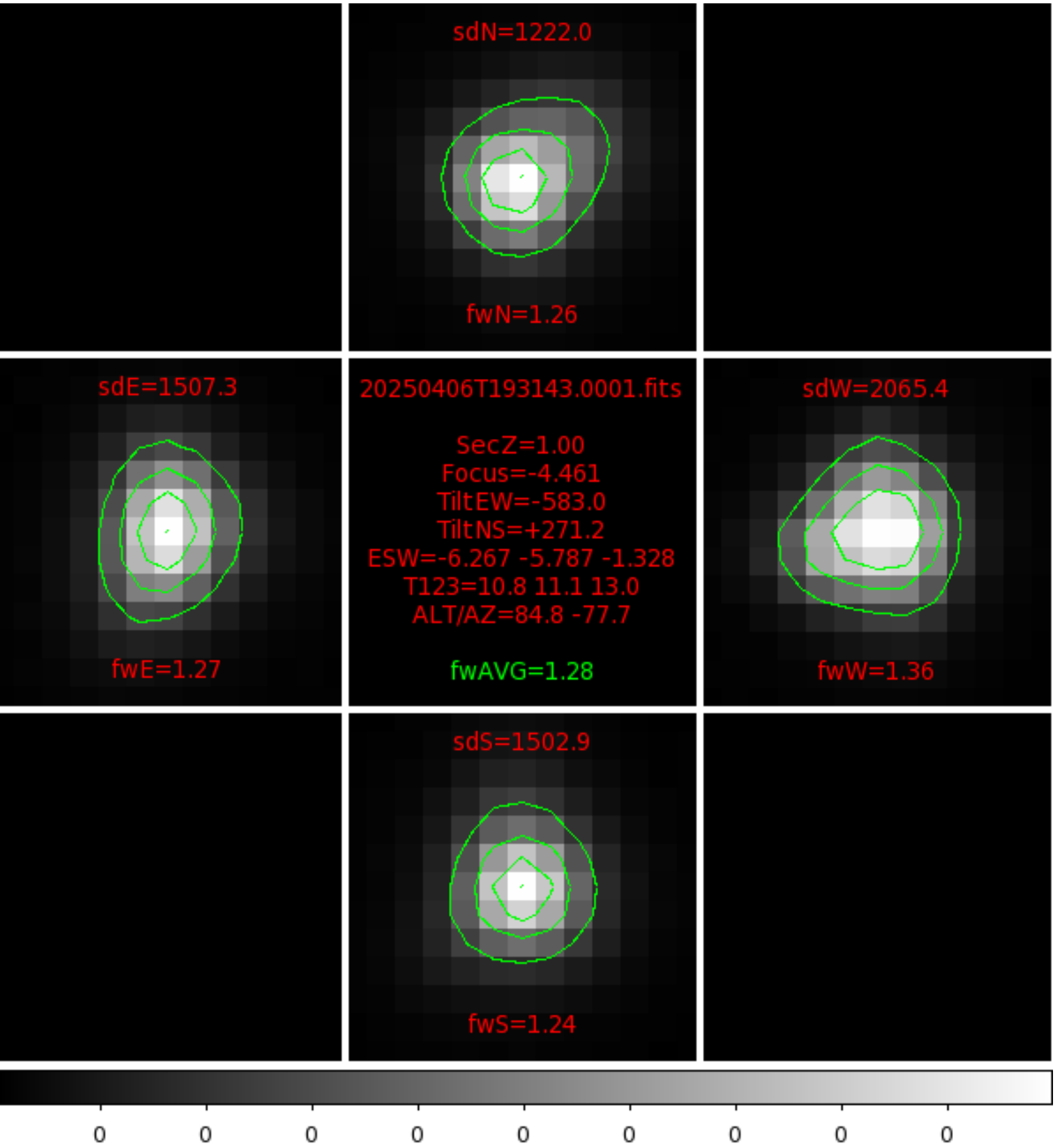
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SecZ=1.00
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TiltNS=+271.2
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ALT/AZ=84.8 -77.7
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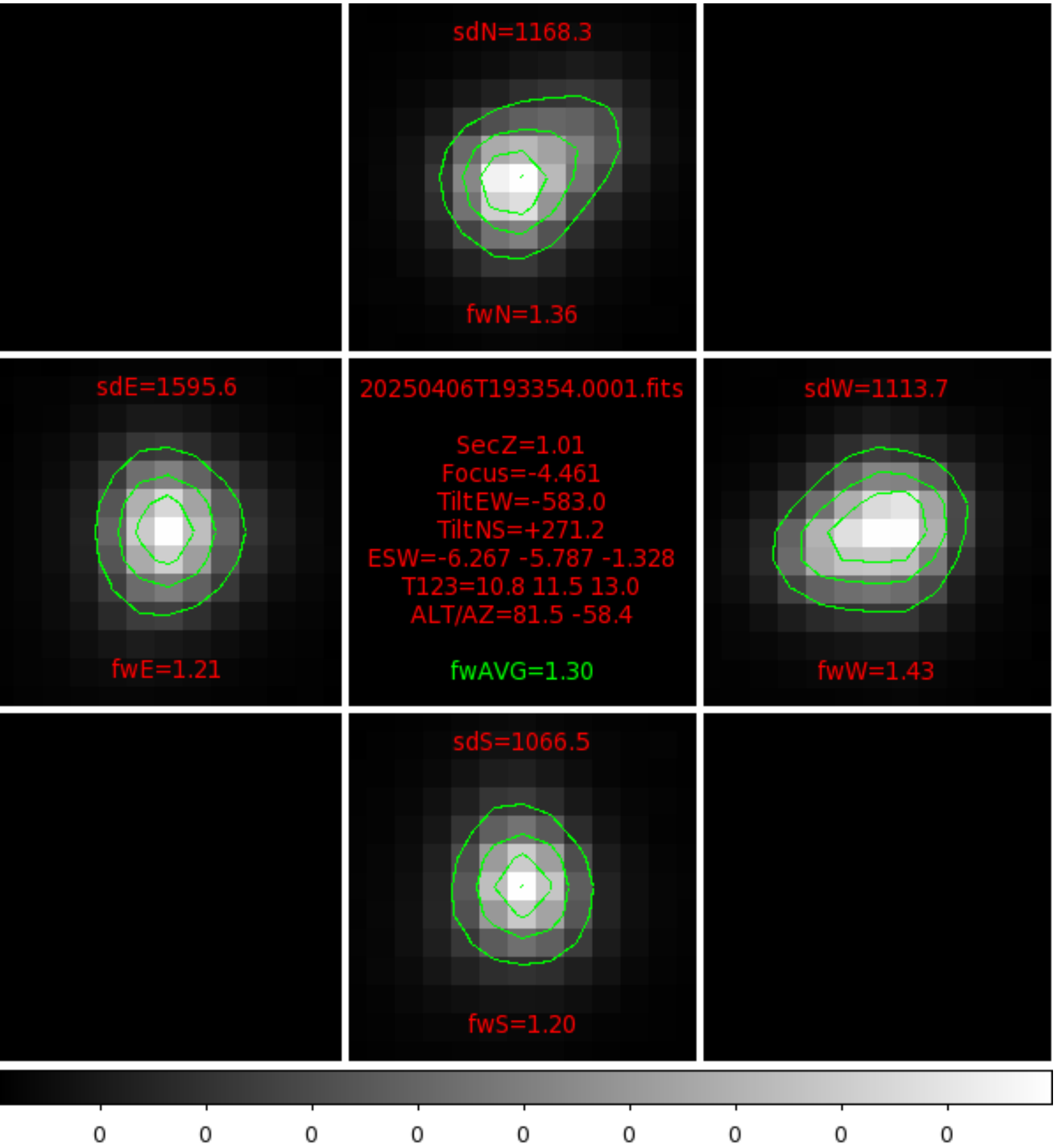
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sdE=1595.6
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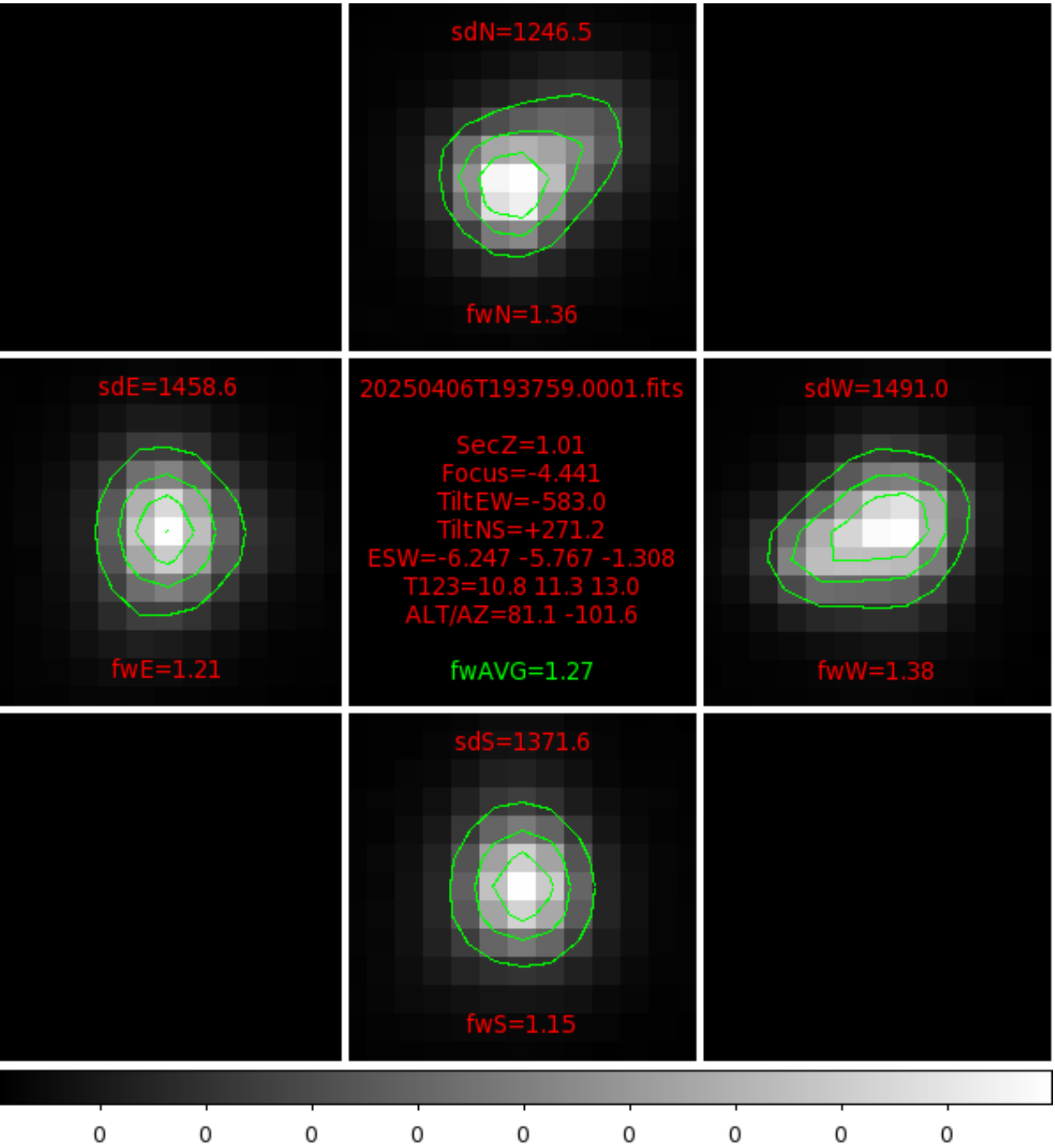
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.8 11.5 13.0
ALT/AZ=81.5 -58.4
fwAVG=1.30
sdW=1113.7
fwW=1.43
sdS=1066.5
fwS=1.20
0
0
0
0
0
0
0
0
0


sdN=1246.5
fwN=1.36
sdE=1458.6
fwE=1.21
20250406T193759.0001.fits
SecZ=1.01
Focus=-4.441
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.247 -5.767 -1.308
T123=10.8 11.3 13.0
ALT/AZ=81.1 -101.6
fwAVG=1.27
sdW=1491.0
fwW=1.38
sdS=1371.6
fwS=1.15
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0