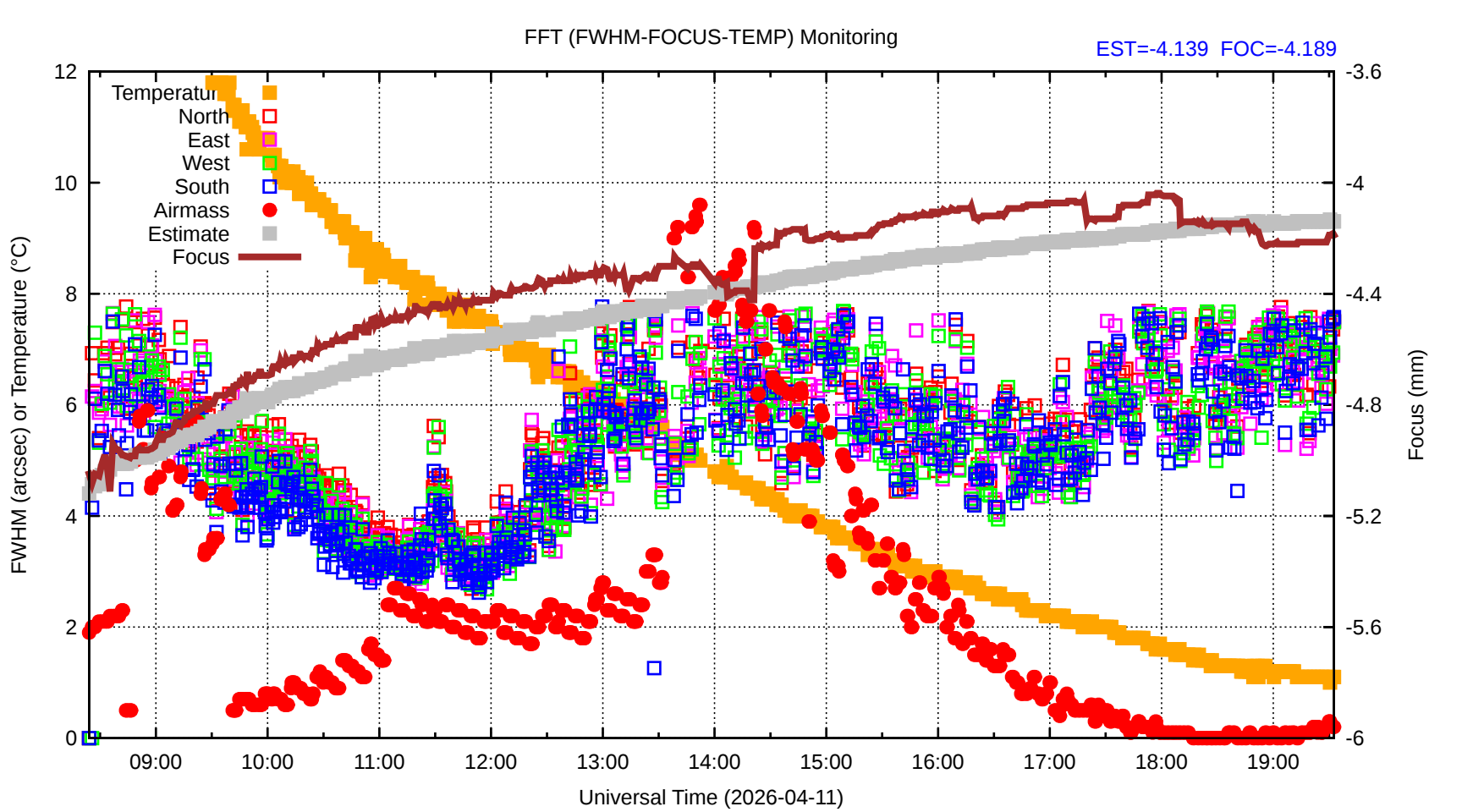
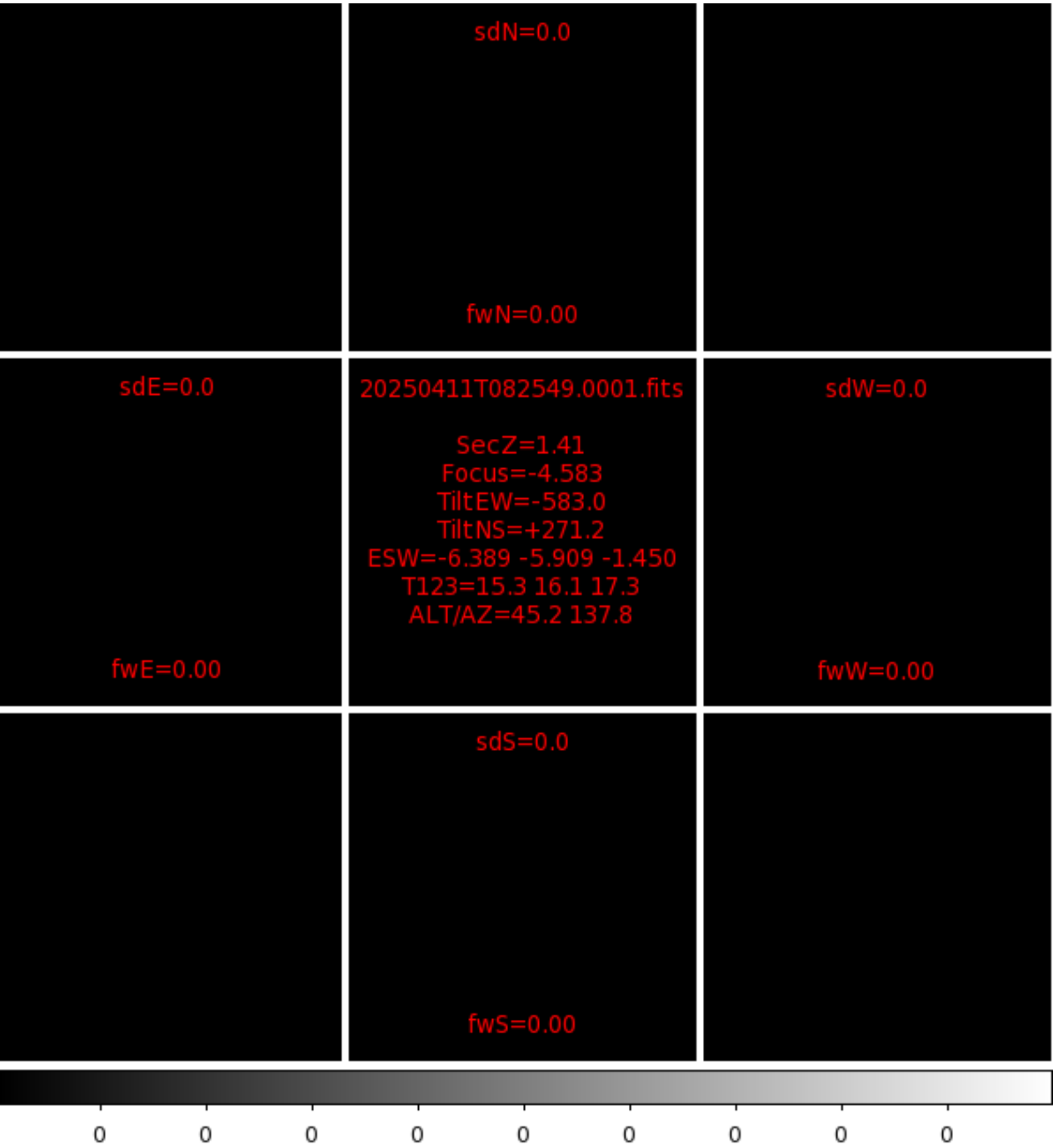

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-4.139 FOC=-4.189
Temperatur
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2026-04-11)
0
2
4
6
8
10
12
-3.6
-4
-4.4
-4.8
-5.2
-5.6
-6
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00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SecZ=1.41
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=15.3 16.1 17.3
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sdW=0.0
fwW=0.00
sdS=0.0
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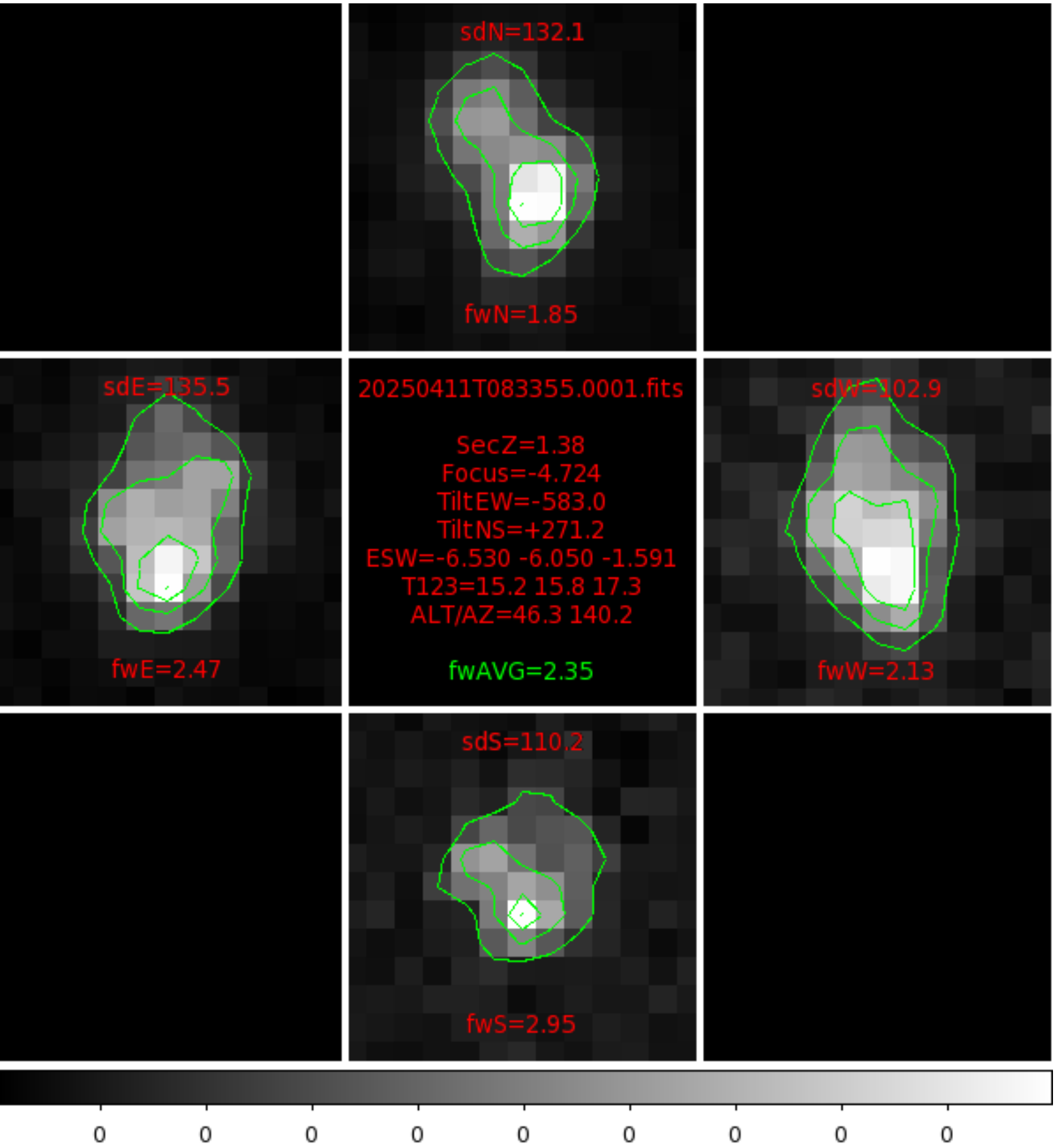
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20250411T083355.0001.fits
SecZ=1.38
Focus=-4.724
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.530 -6.050 -1.591
T123=15.2 15.8 17.3
ALT/AZ=46.3 140.2
fwAVG=2.35
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sdS=110.2
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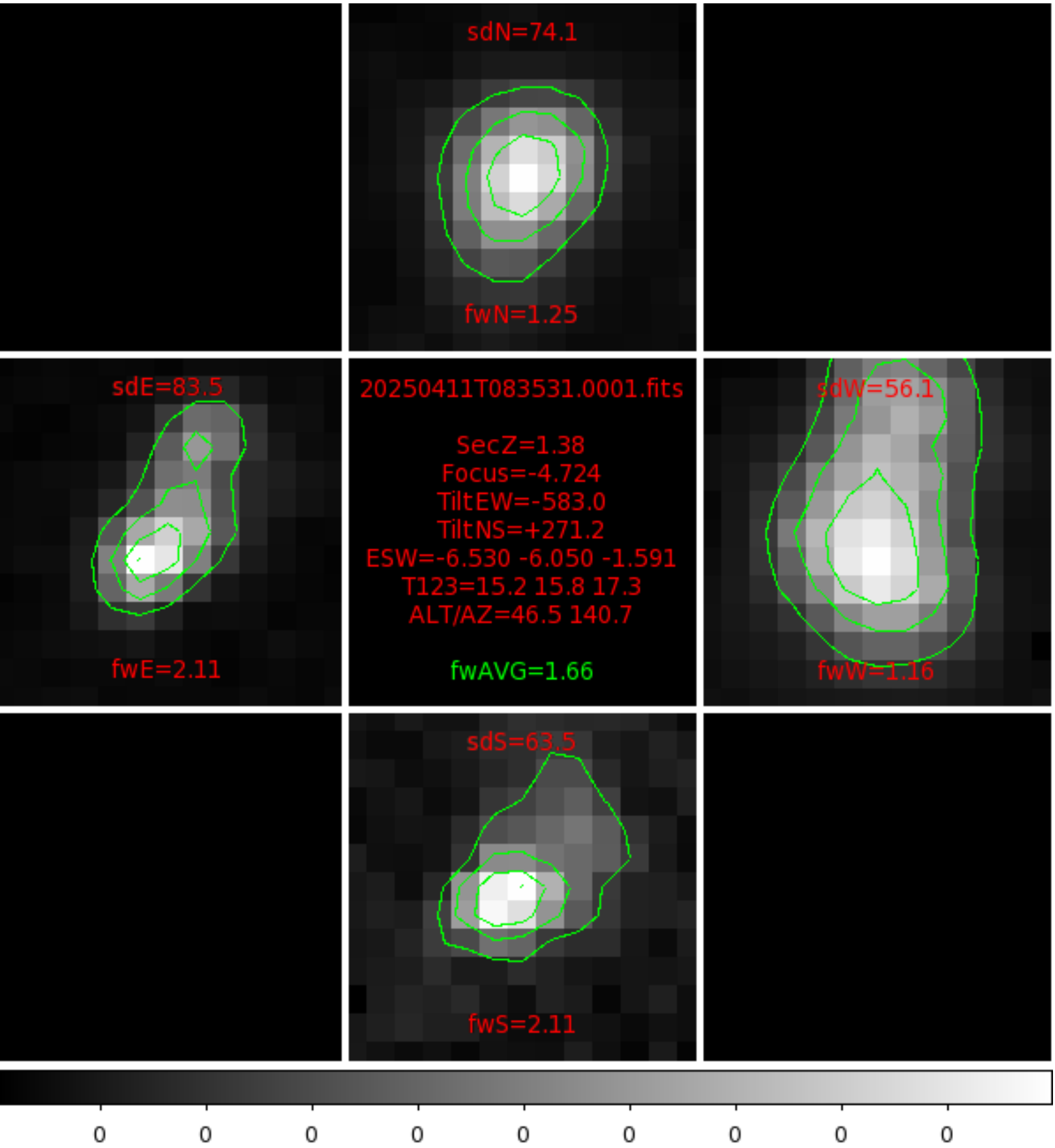
sdN=74.1
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20250411T083531.0001.fits
SecZ=1.38
Focus=-4.724
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.530 -6.050 -1.591
T123=15.2 15.8 17.3
ALT/AZ=46.5 140.7
fwAVG=1.66
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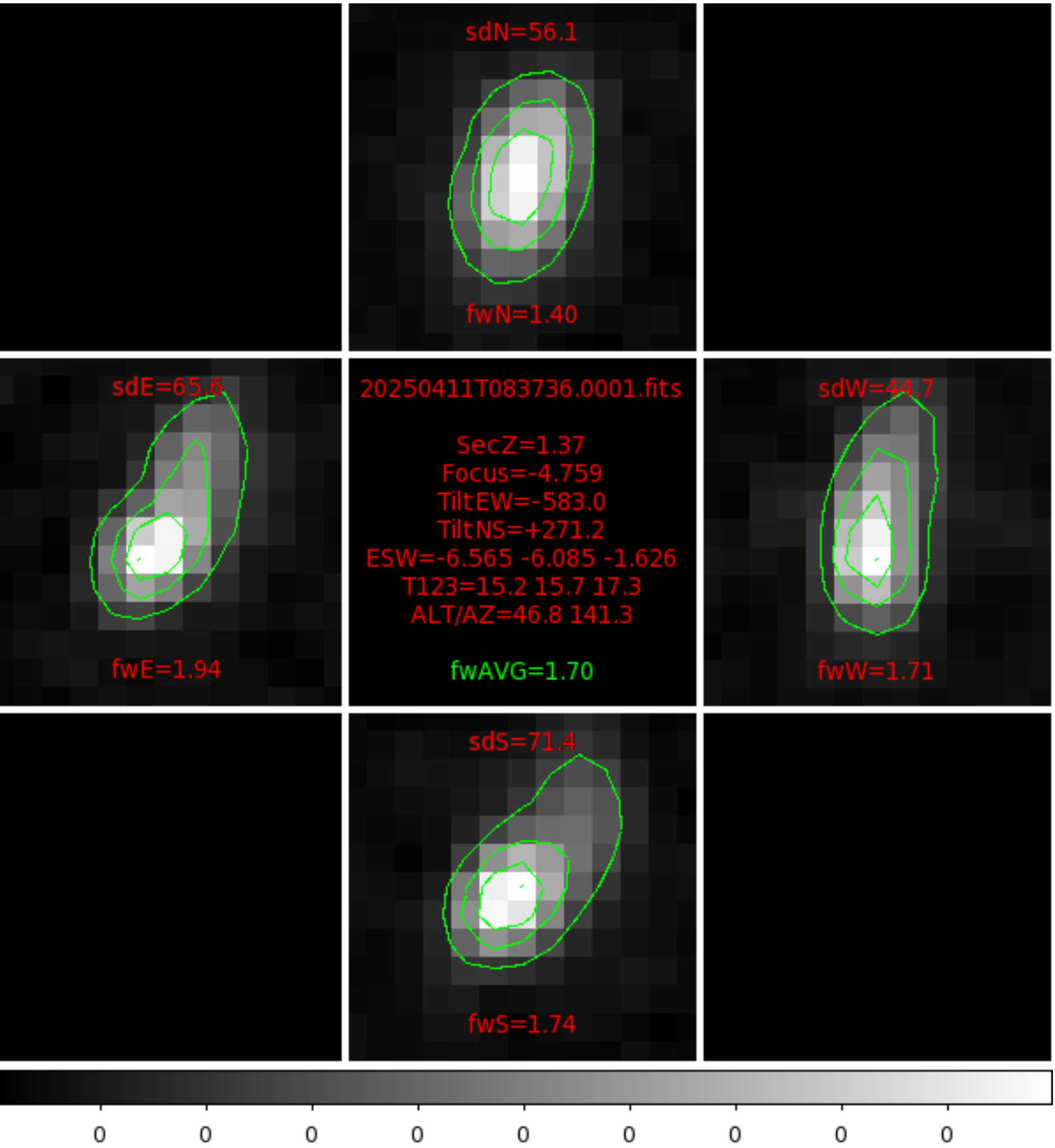
sdN=56.1
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20250411T083736.0001.fits
SecZ=1.37
Focus=-4.759
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.565 -6.085 -1.626
T123=15.2 15.7 17.3
ALT/AZ=46.8 141.3
fwAVG=1.70
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sdS=71.4
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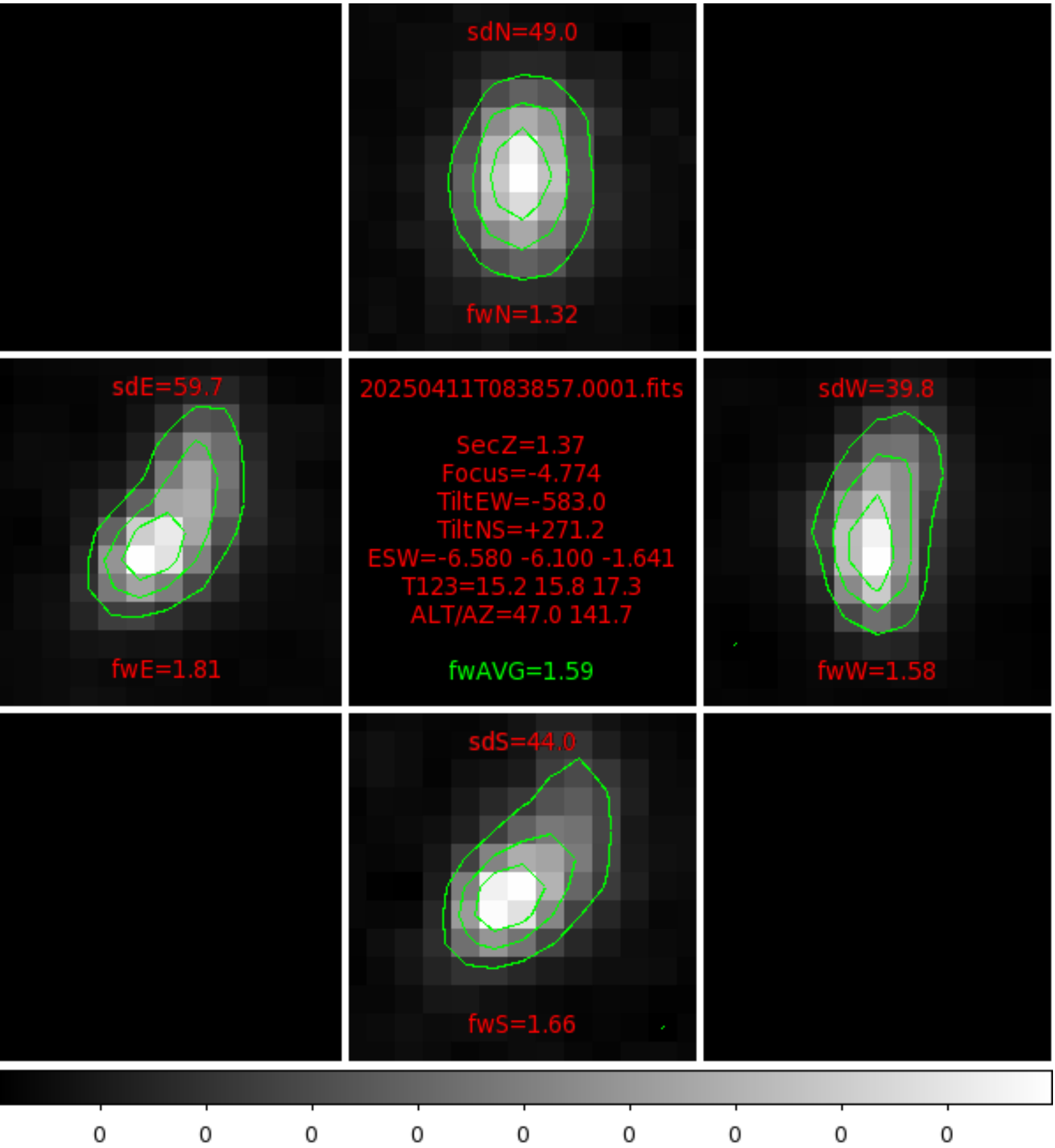
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Focus=-4.774
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.580 -6.100 -1.641
T123=15.2 15.8 17.3
ALT/AZ=47.0 141.7
fwAVG=1.59
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sdS=44.0
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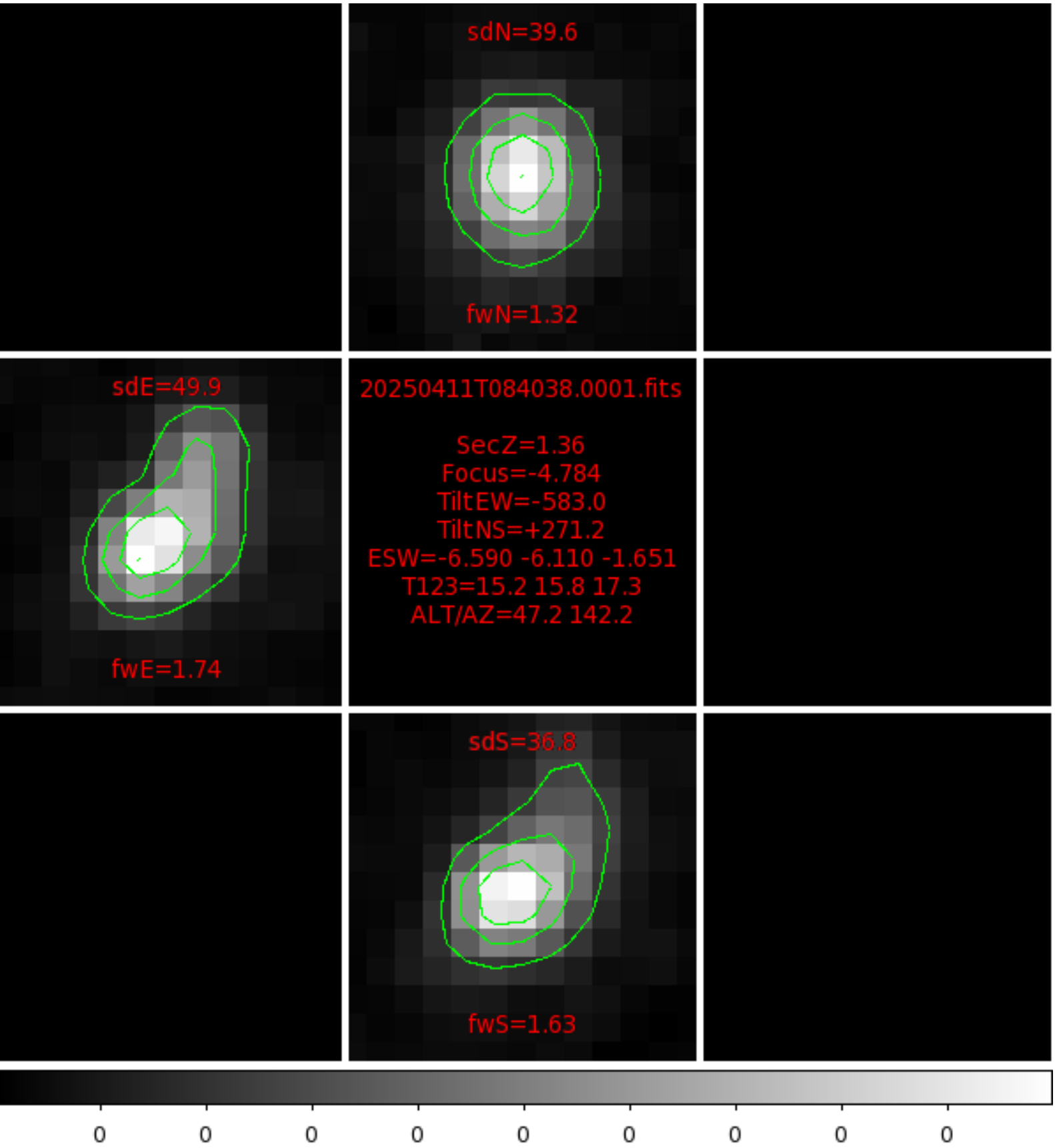
sdN=39.6
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fwE=1.74
20250411T084038.0001.fits
SecZ=1.36
Focus=-4.784
TiltEW=-583.0
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ESW=-6.590 -6.110 -1.651
T123=15.2 15.8 17.3
ALT/AZ=47.2 142.2
sdS=36.8
fwS=1.63
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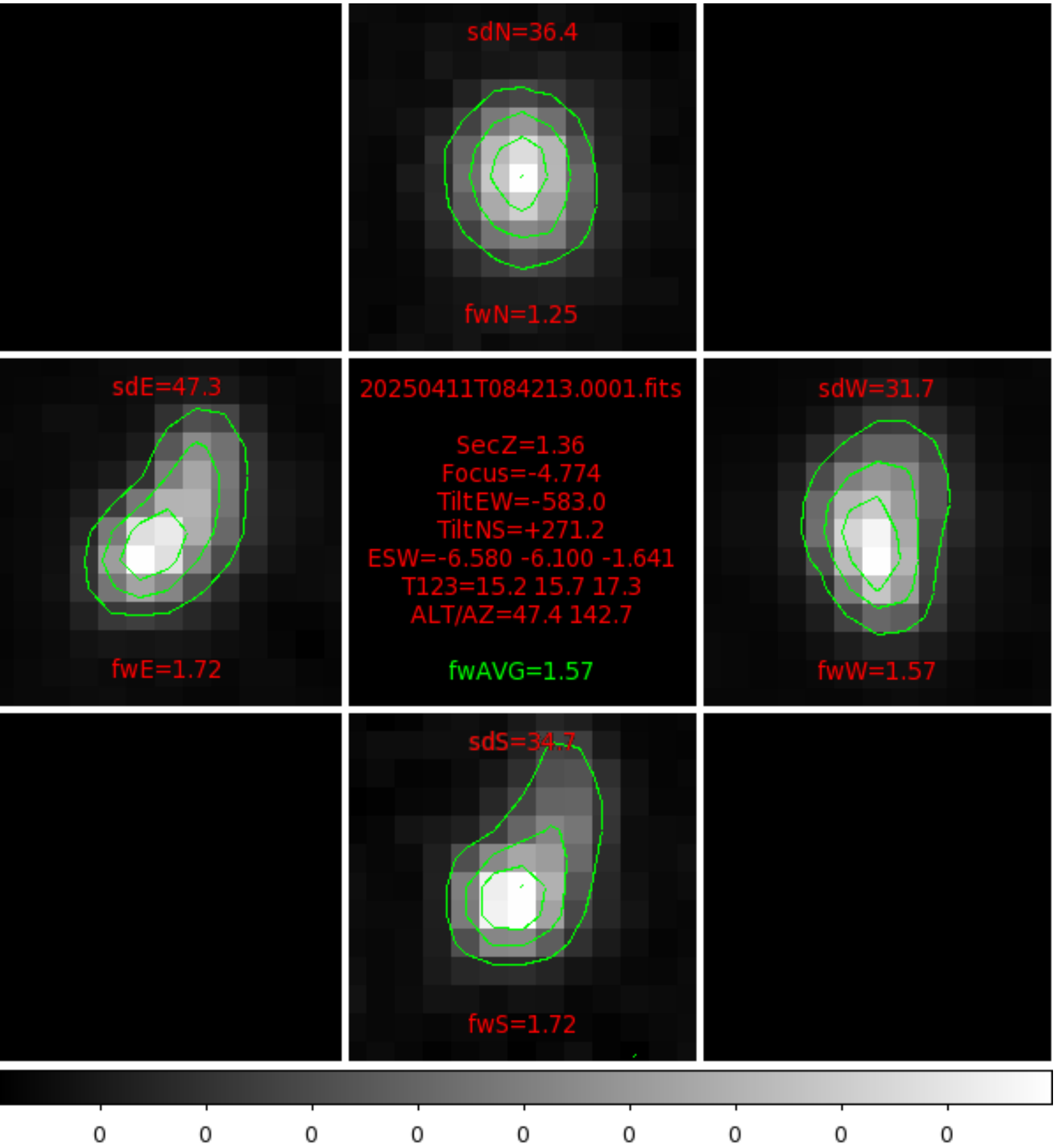
sdN=36.4
fwN=1.25
sdE=47.3
fwE=1.72
20250411T084213.0001.fits
SecZ=1.36
Focus=-4.774
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.580 -6.100 -1.641
T123=15.2 15.7 17.3
ALT/AZ=47.4 142.7
fwAVG=1.57
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sdS=34.7
fwS=1.72
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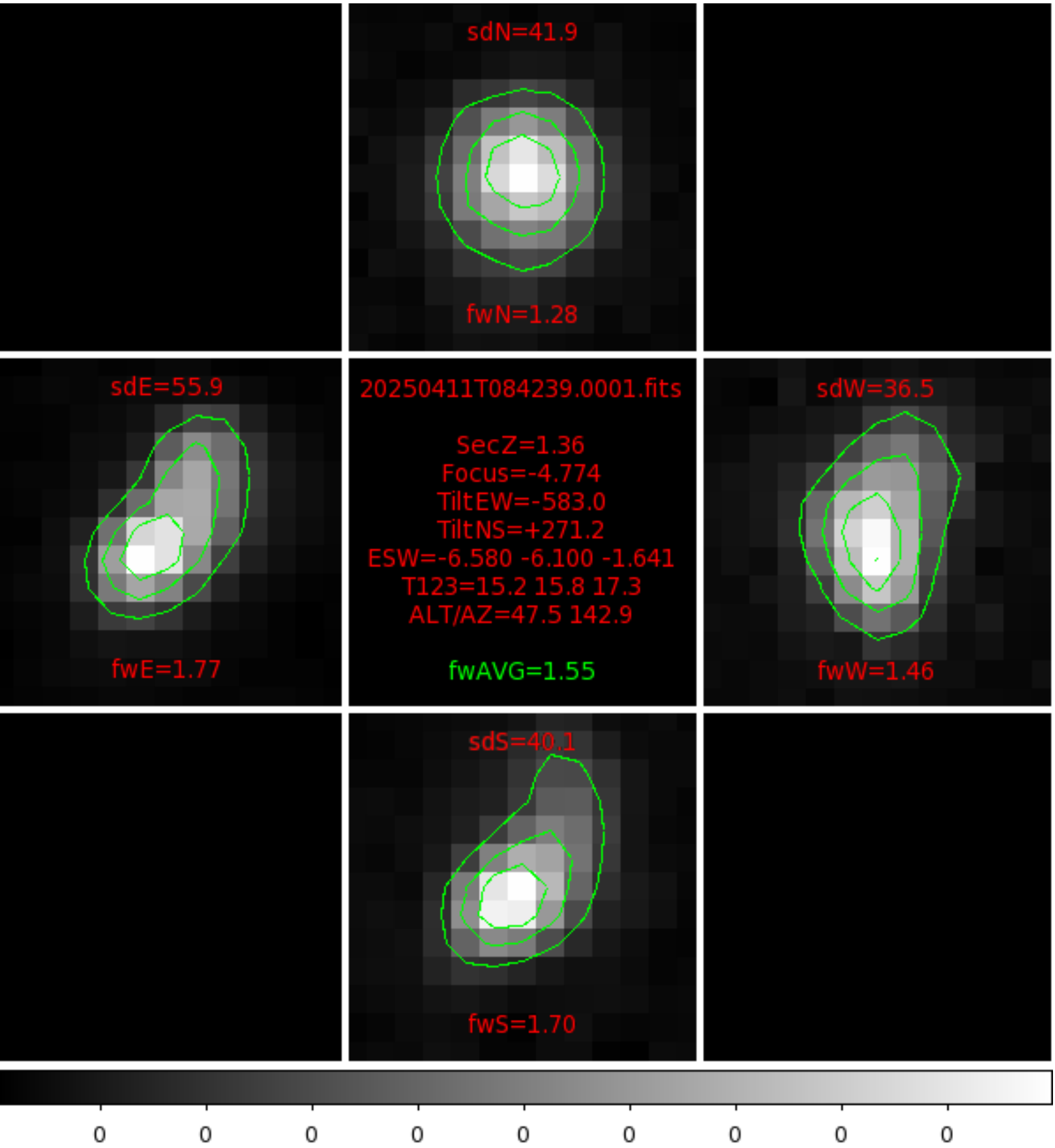
sdN=41.9
fwN=1.28
sdE=55.9
fwE=1.77
20250411T084239.0001.fits
SecZ=1.36
Focus=-4.774
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.580 -6.100 -1.641
T123=15.2 15.8 17.3
ALT/AZ=47.5 142.9
fwAVG=1.55
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sdS=40.1
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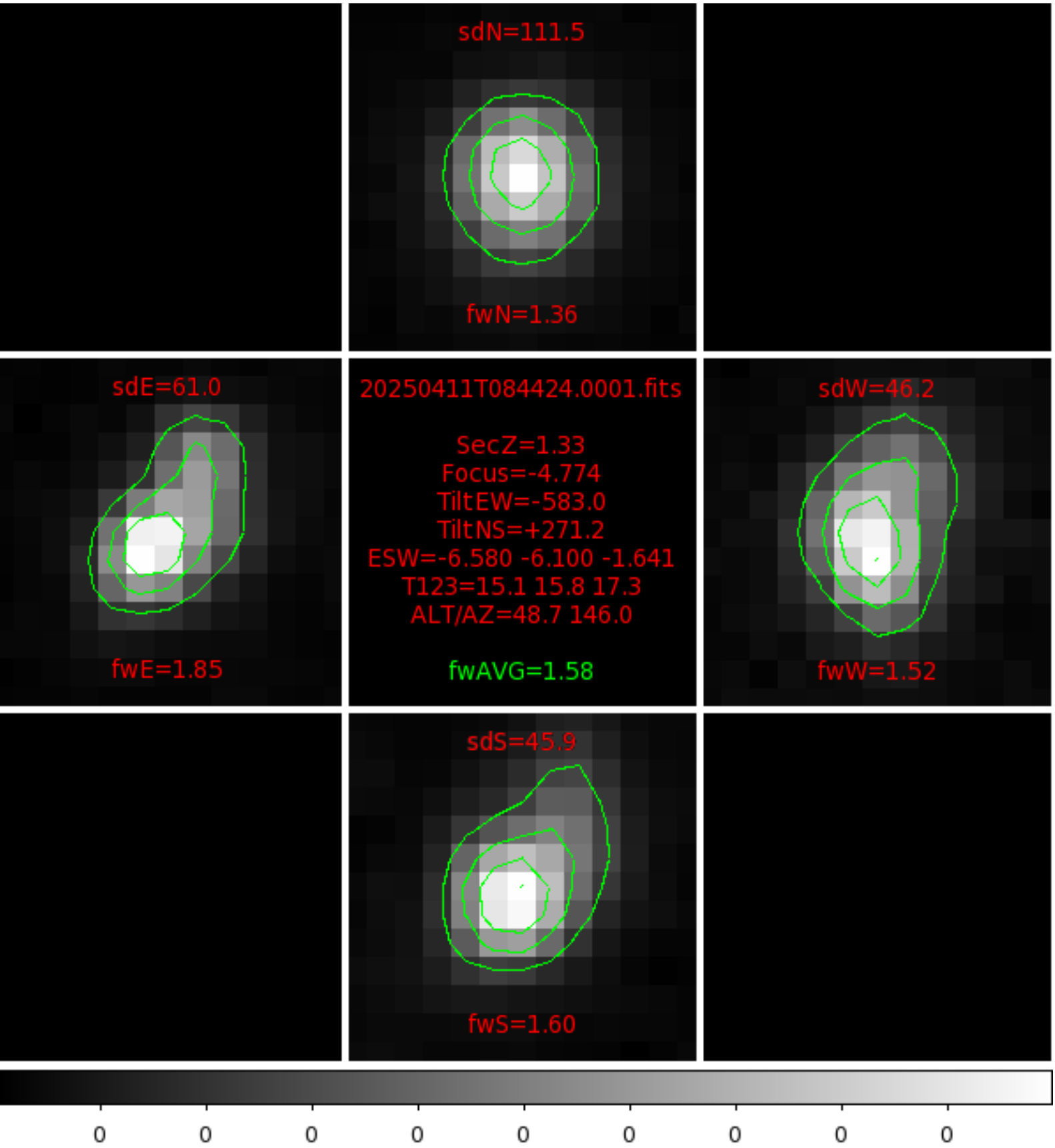
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SecZ=1.33
Focus=-4.774
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.580 -6.100 -1.641
T123=15.1 15.8 17.3
ALT/AZ=48.7 146.0
fwAVG=1.58
sdW=46.2
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sdS=45.9
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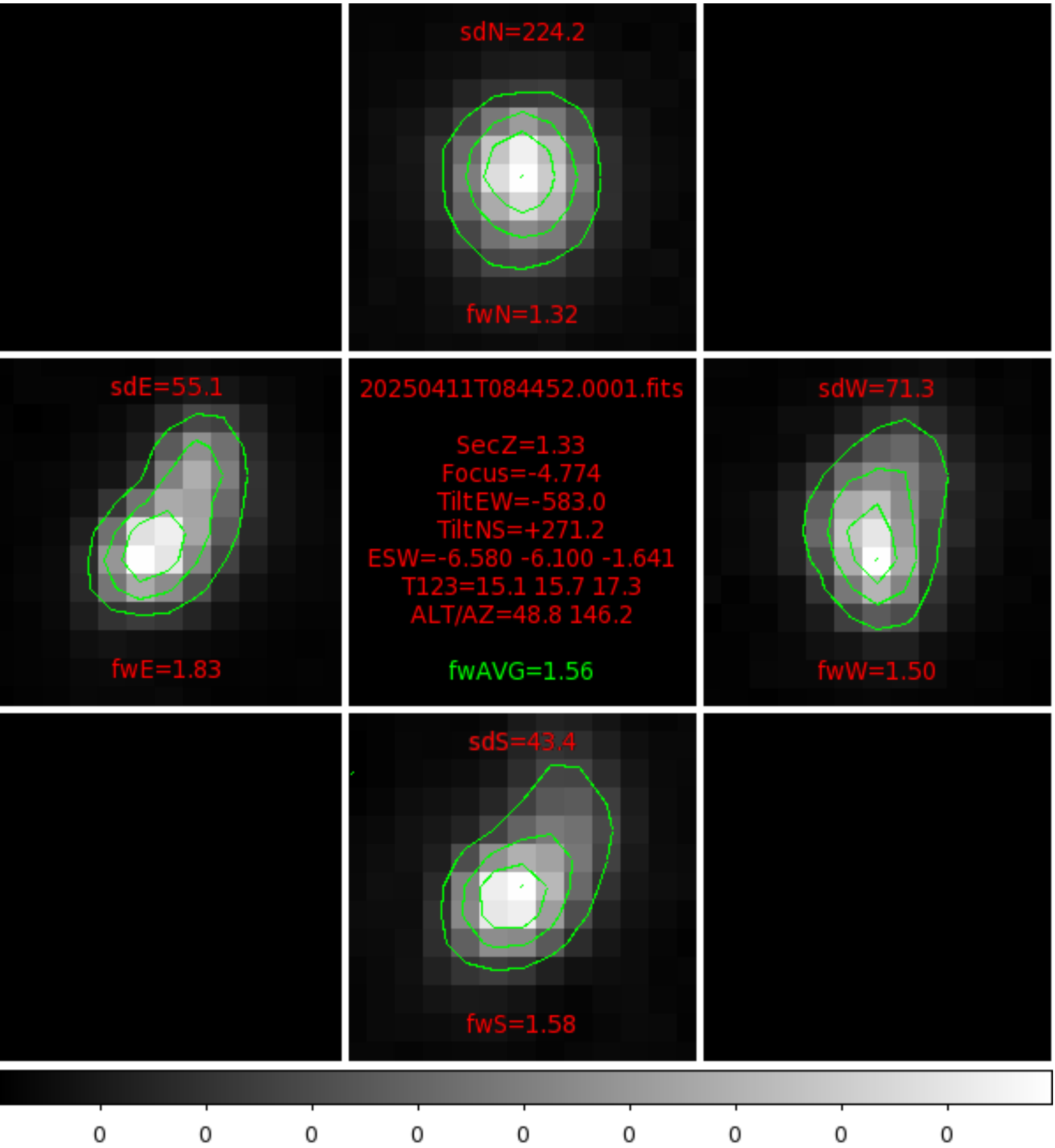
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fwE=1.83
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SecZ=1.33
Focus=-4.774
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.580 -6.100 -1.641
T123=15.1 15.7 17.3
ALT/AZ=48.8 146.2
fwAVG=1.56
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sdS=43.4
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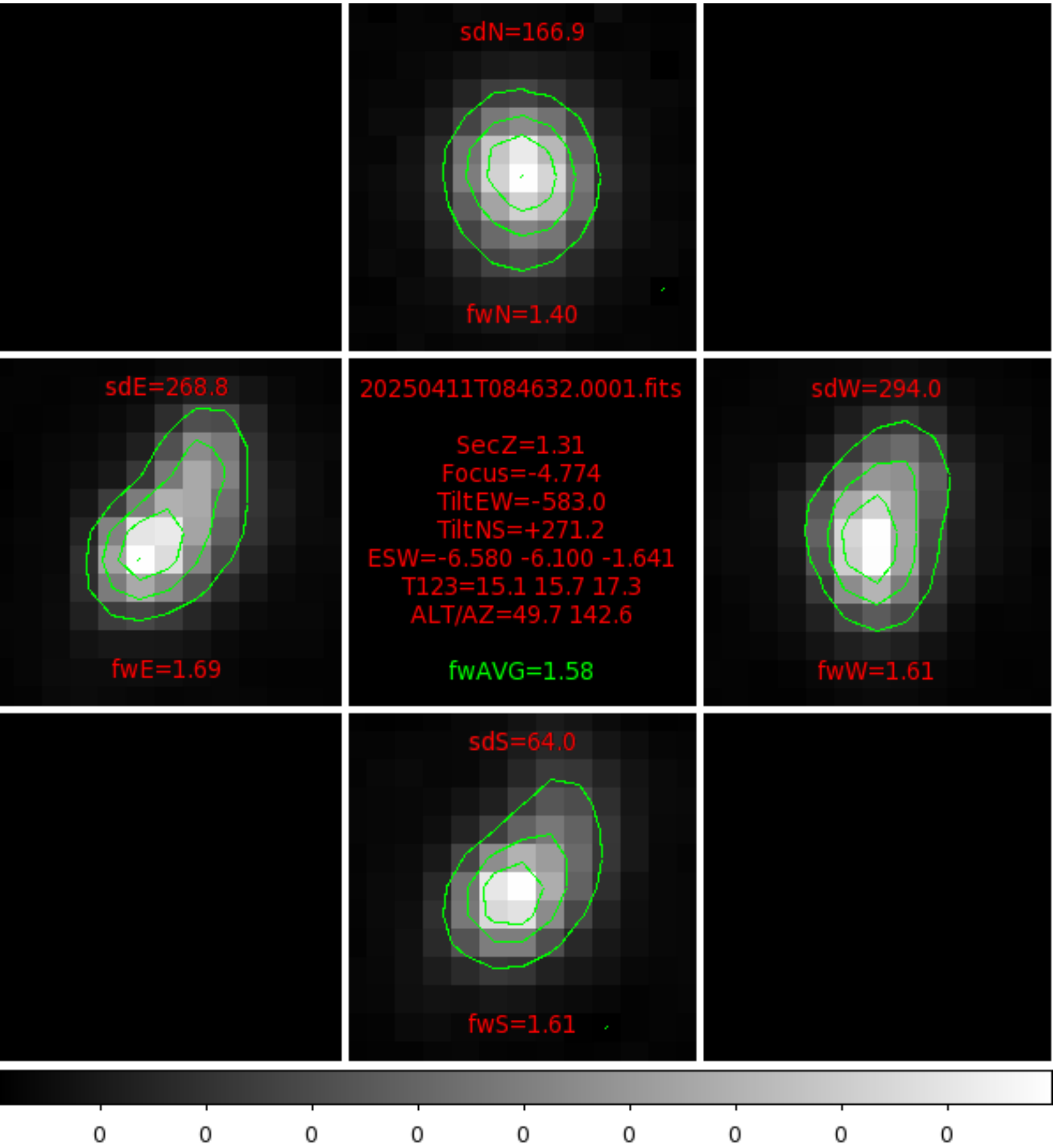
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20250411T084632.0001.fits
SecZ=1.31
Focus=-4.774
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.580 -6.100 -1.641
T123=15.1 15.7 17.3
ALT/AZ=49.7 142.6
fwAVG=1.58
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sdS=64.0
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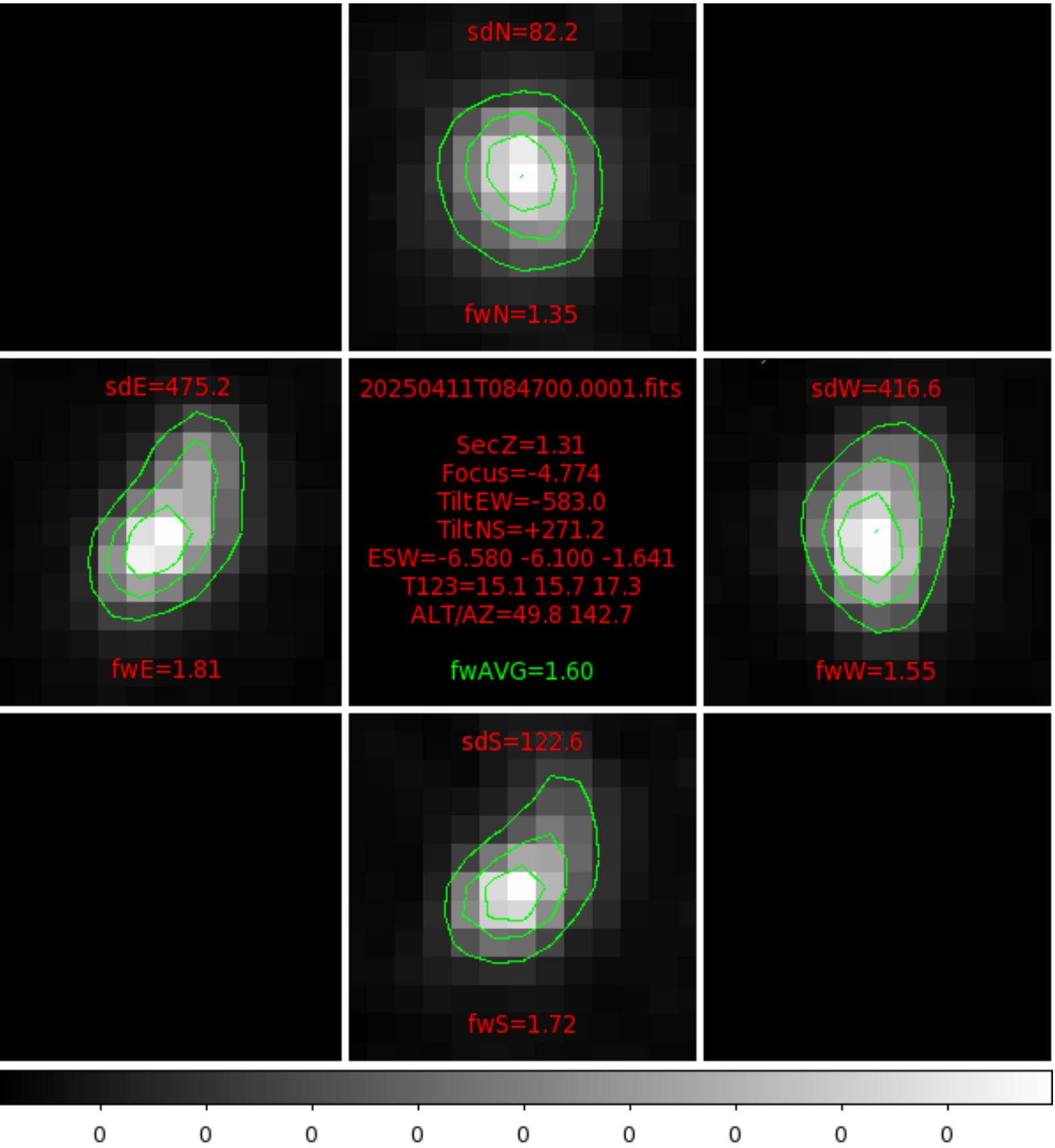
sdN=82.2
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sdE=475.2
fwE=1.81
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SecZ=1.31
Focus=-4.774
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.580 -6.100 -1.641
T123=15.1 15.7 17.3
ALT/AZ=49.8 142.7
fwAVG=1.60
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sdS=122.6
fwS=1.72
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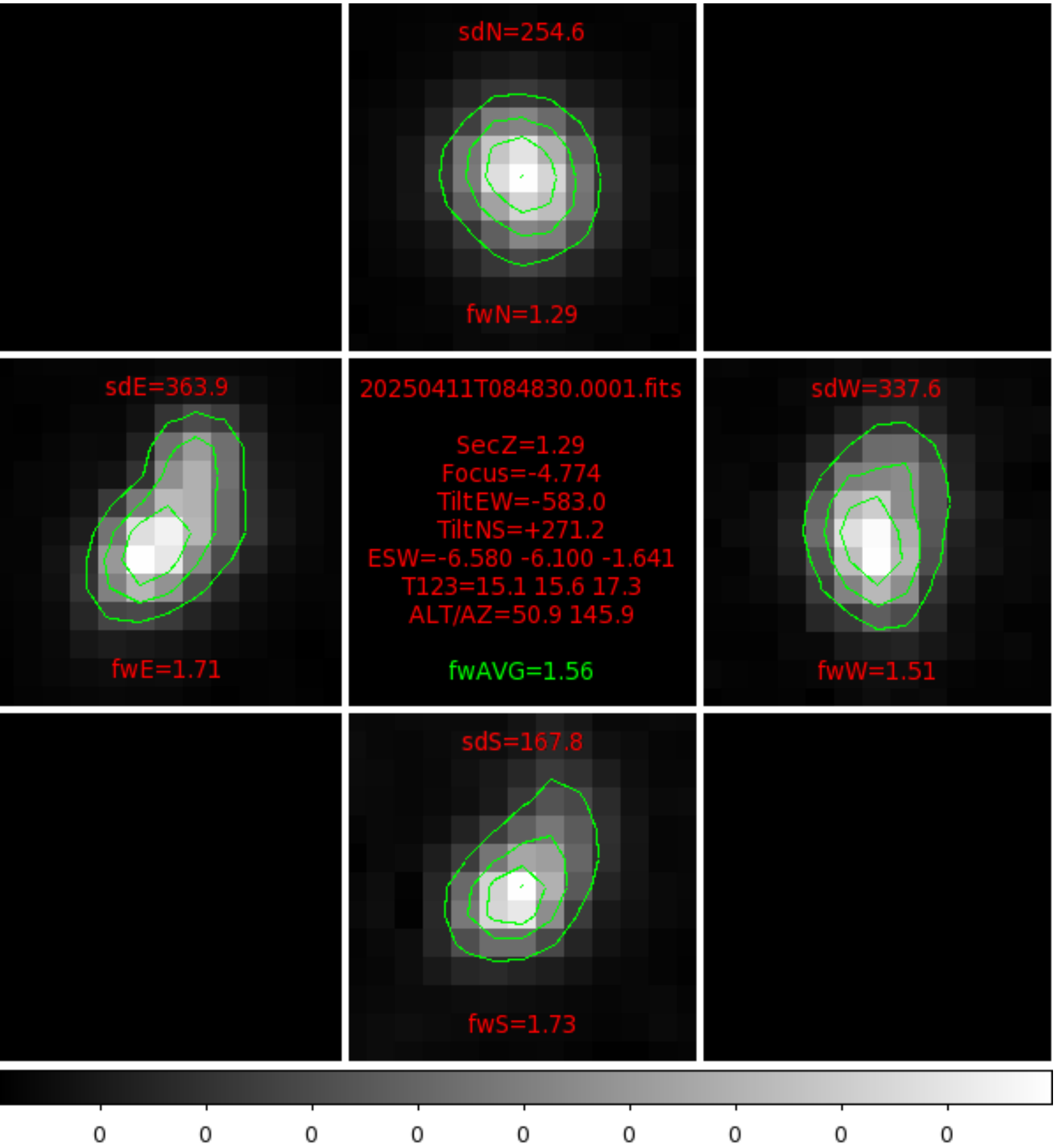
sdN=254.6
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sdE=363.9
fwE=1.71
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SecZ=1.29
Focus=-4.774
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.580 -6.100 -1.641
T123=15.1 15.6 17.3
ALT/AZ=50.9 145.9
fwAVG=1.56
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sdS=167.8
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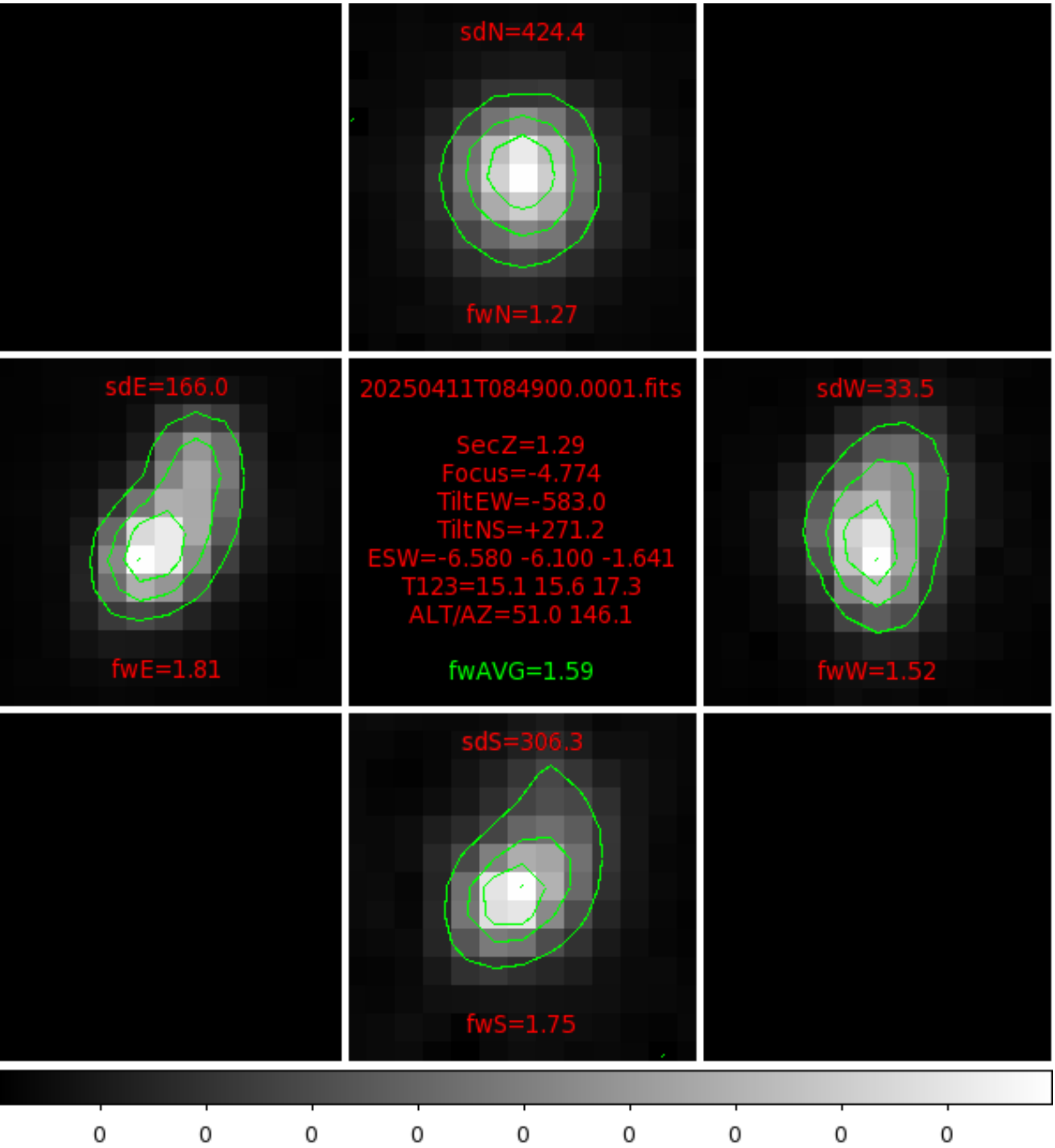
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fwE=1.81
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SecZ=1.29
Focus=-4.774
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.580 -6.100 -1.641
T123=15.1 15.6 17.3
ALT/AZ=51.0 146.1
fwAVG=1.59
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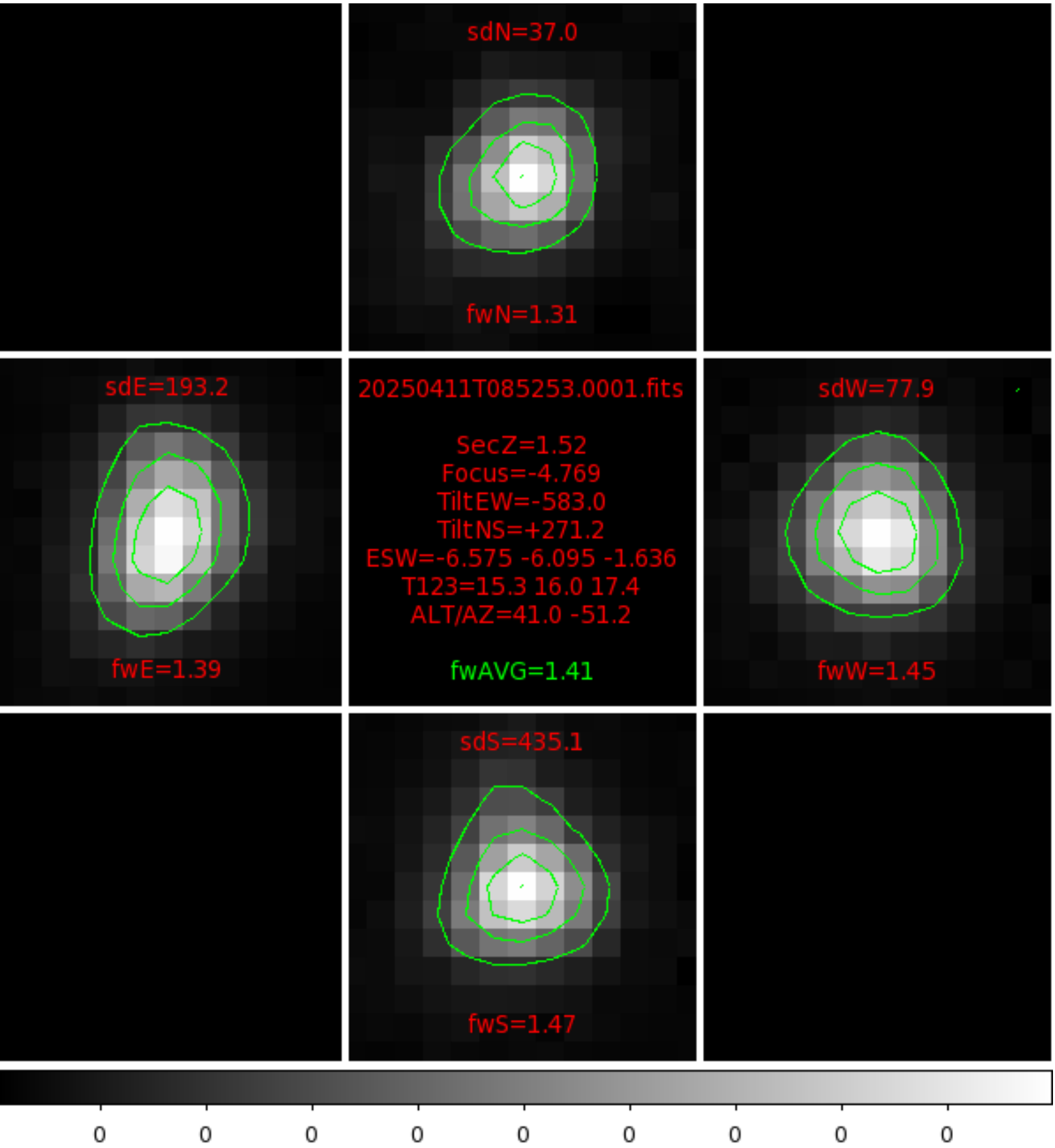
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sdE=193.2
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SecZ=1.52
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.3 16.0 17.4
ALT/AZ=41.0 -51.2
fwAVG=1.41
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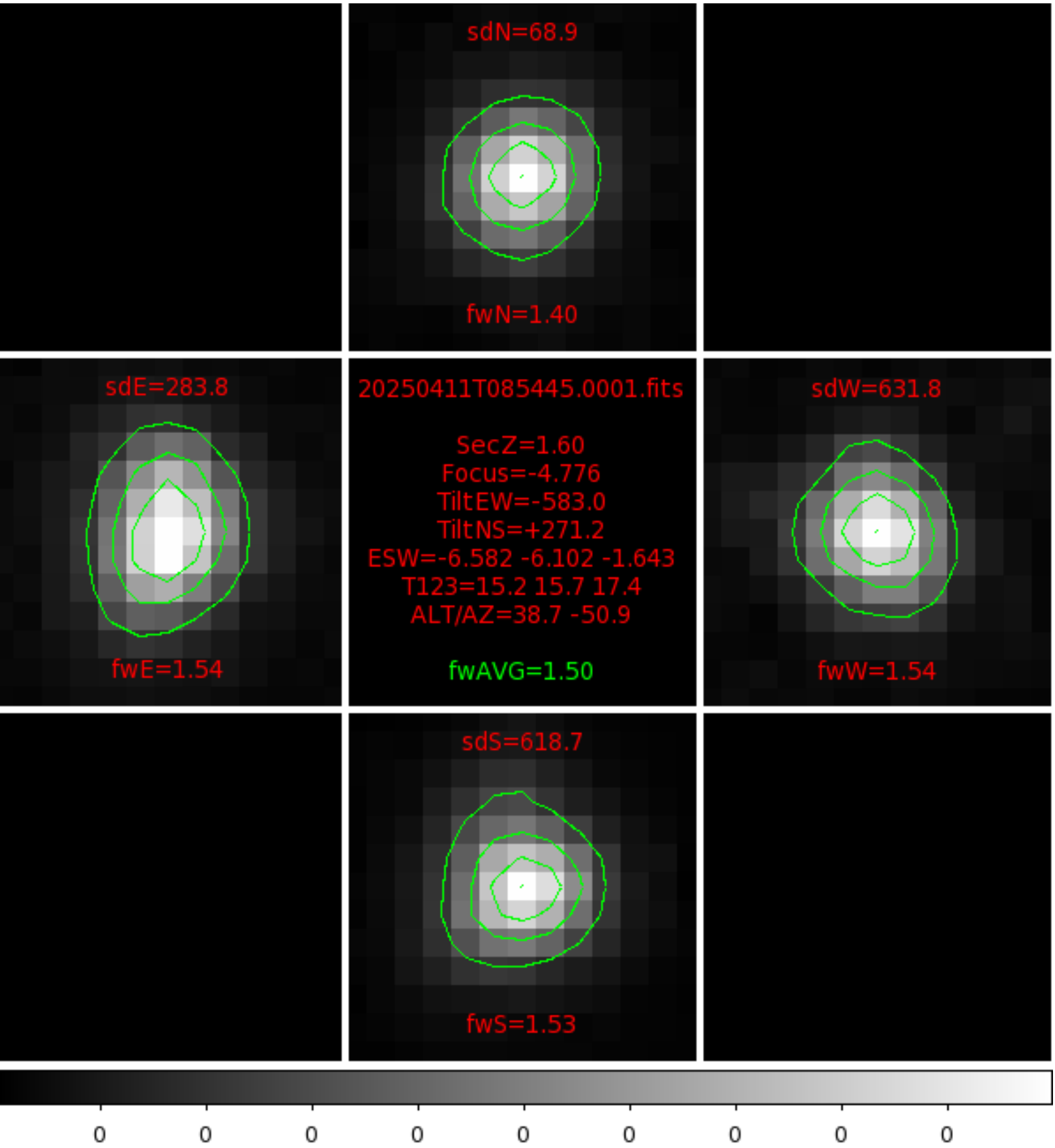
sdN=68.9
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SecZ=1.60
Focus=-4.776
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.2 15.7 17.4
ALT/AZ=38.7 -50.9
fwAVG=1.50
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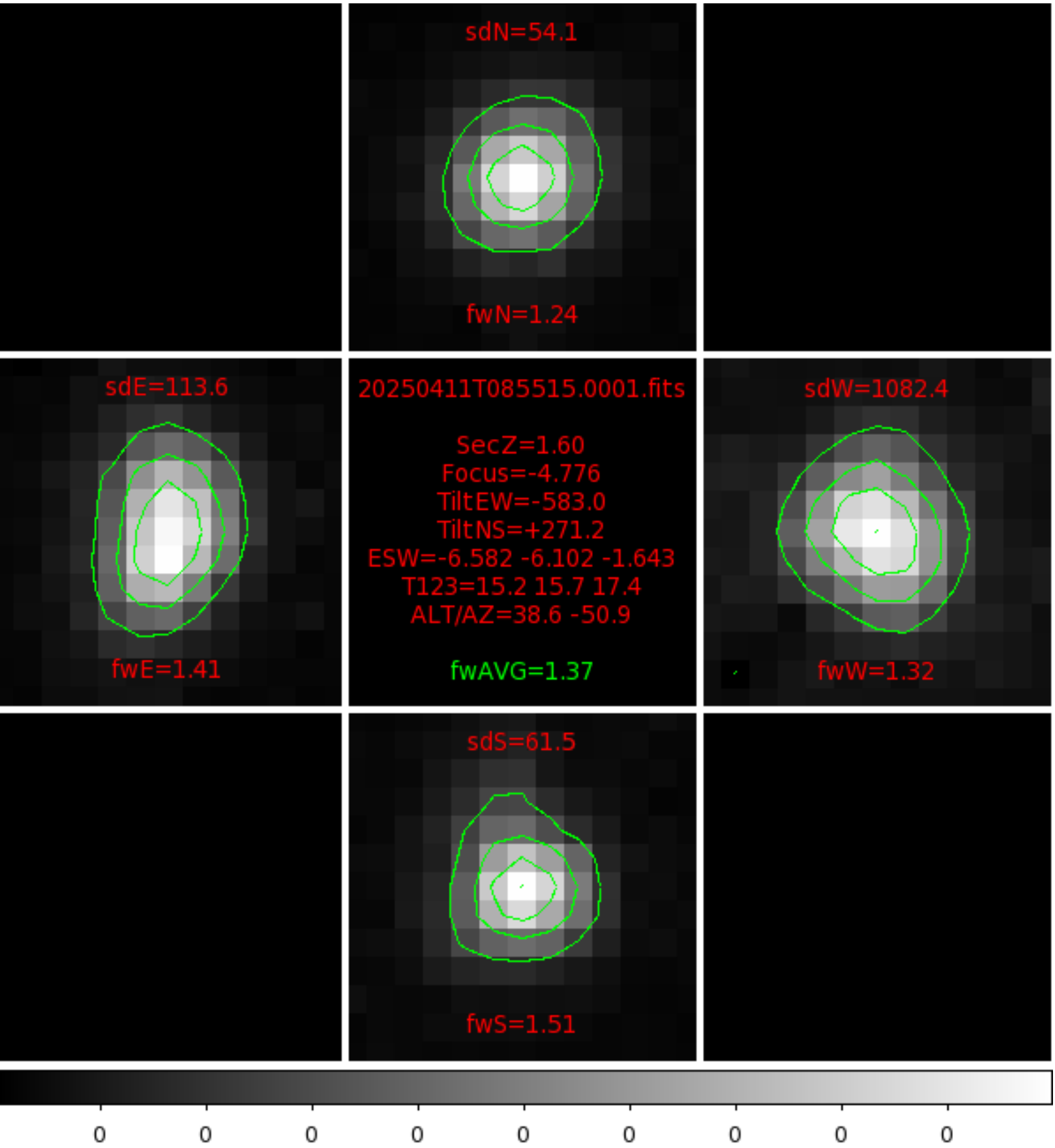
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SecZ=1.60
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.2 15.7 17.4
ALT/AZ=38.6 -50.9
fwAVG=1.37
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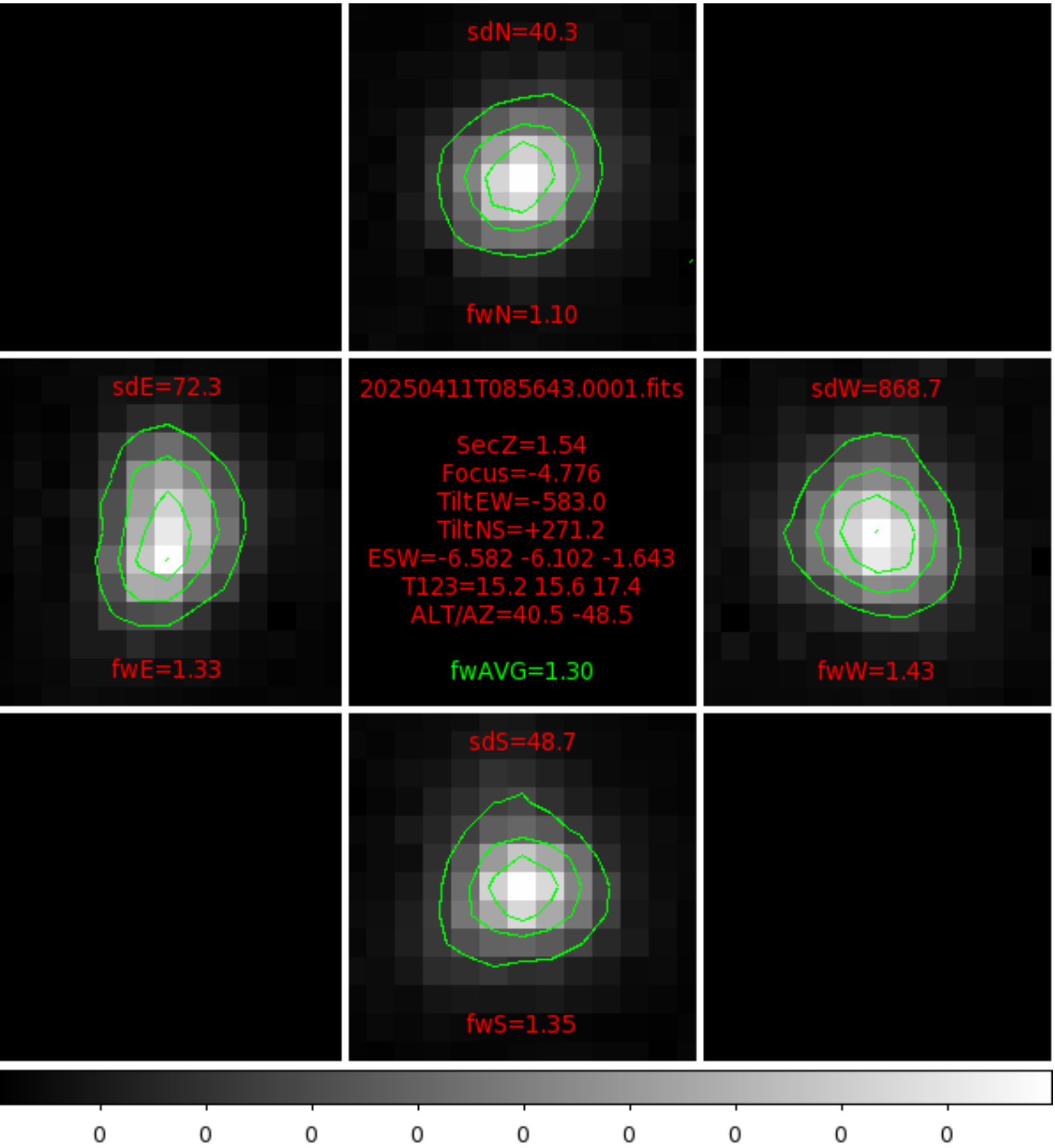
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SecZ=1.54
Focus=-4.776
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.2 15.6 17.4
ALT/AZ=40.5 -48.5
fwAVG=1.30
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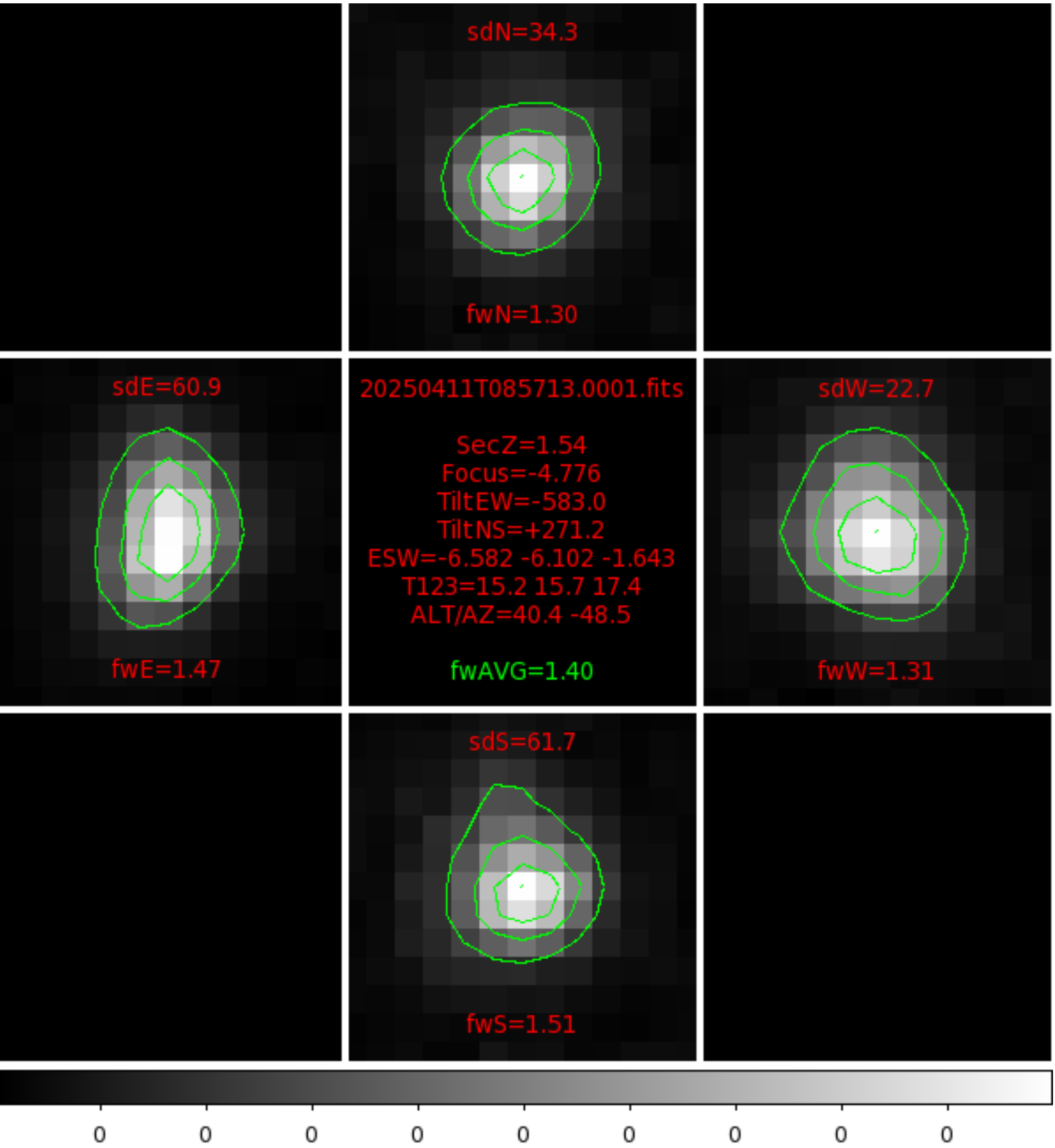
sdN=34.3
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fwE=1.47
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SecZ=1.54
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.2 15.7 17.4
ALT/AZ=40.4 -48.5
fwAVG=1.40
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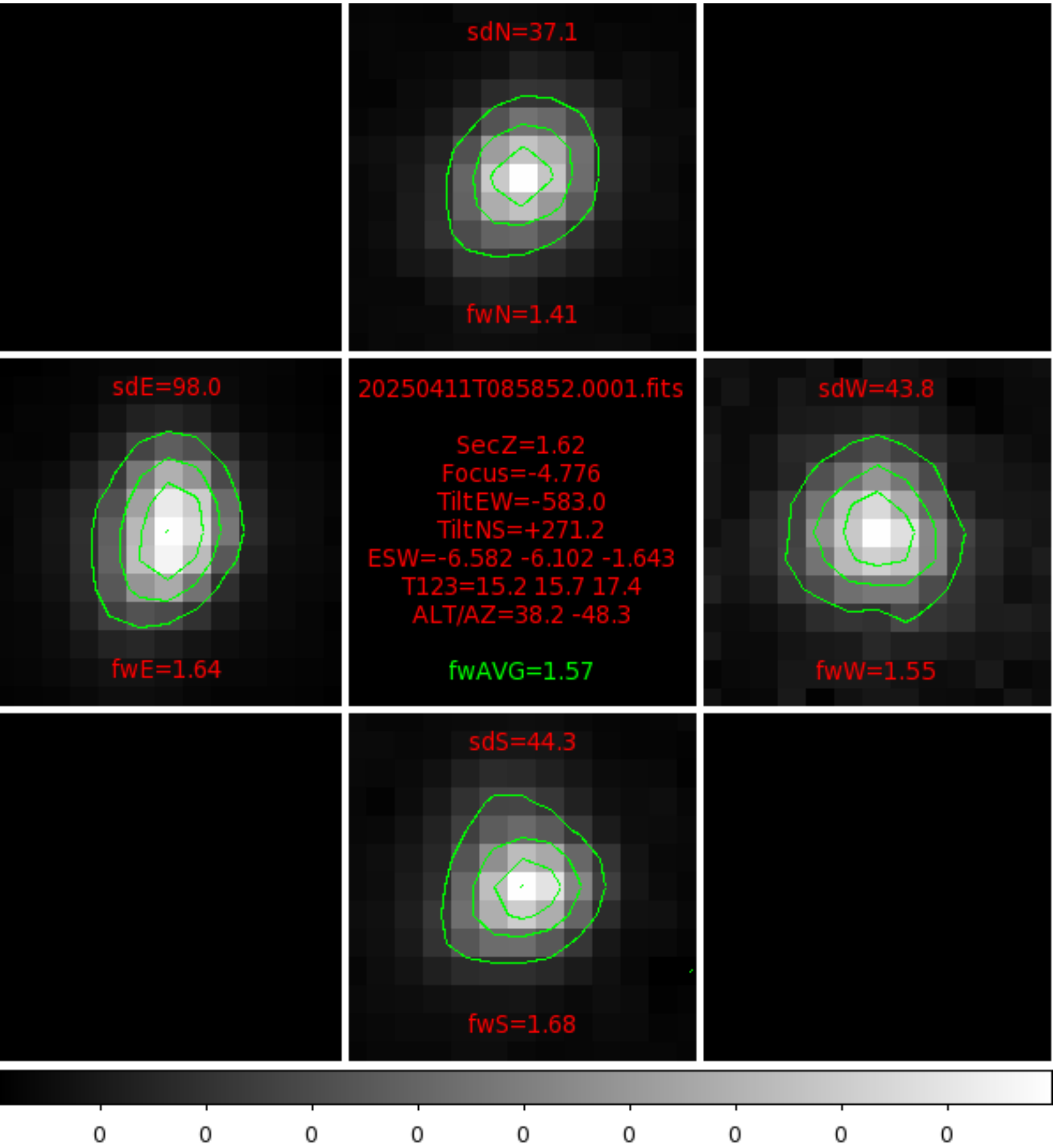
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sdE=98.0
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SecZ=1.62
Focus=-4.776
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.2 15.7 17.4
ALT/AZ=38.2 -48.3
fwAVG=1.57
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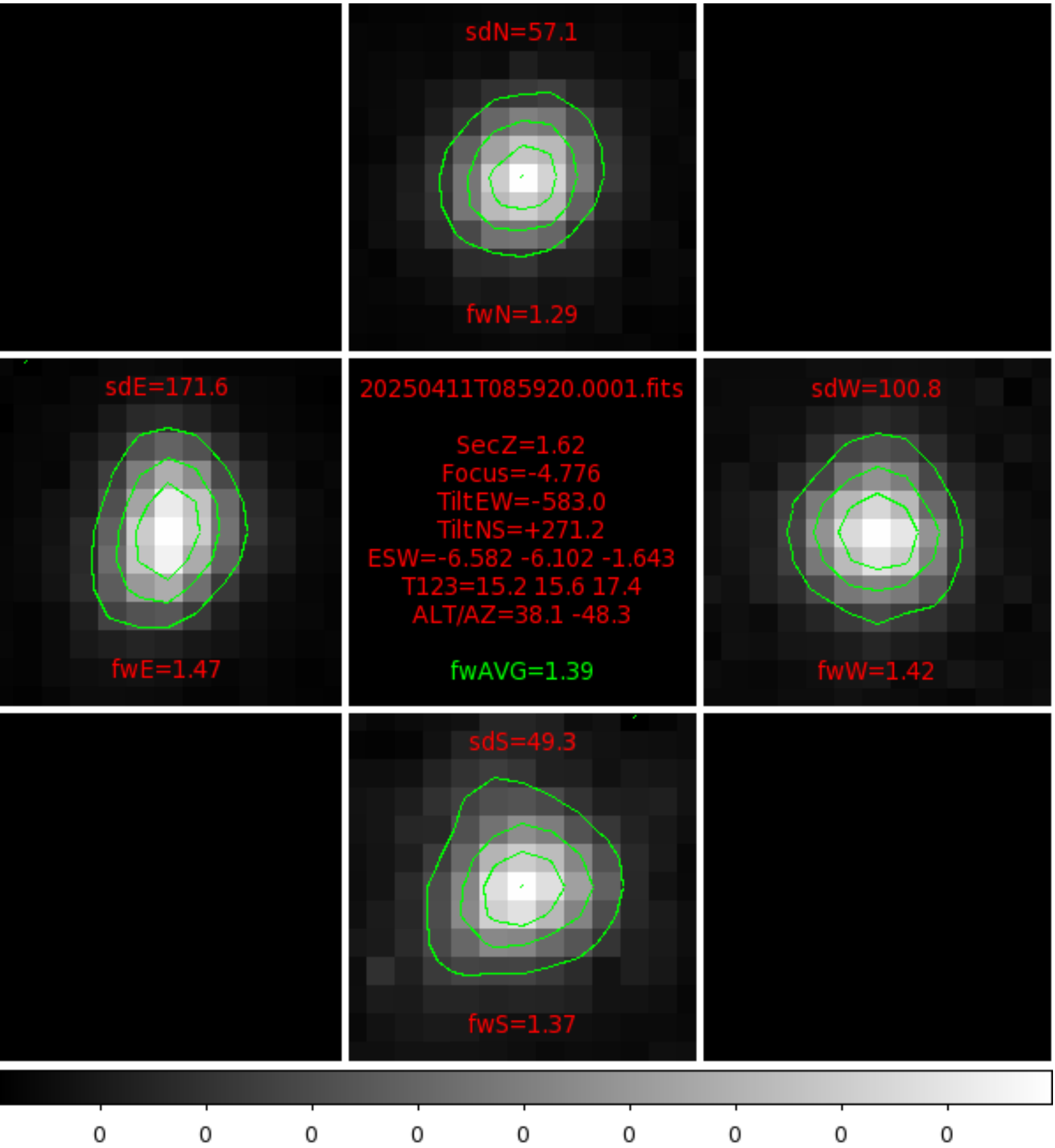
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sdE=171.6
fwE=1.47
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SecZ=1.62
Focus=-4.776
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.2 15.6 17.4
ALT/AZ=38.1 -48.3
fwAVG=1.39
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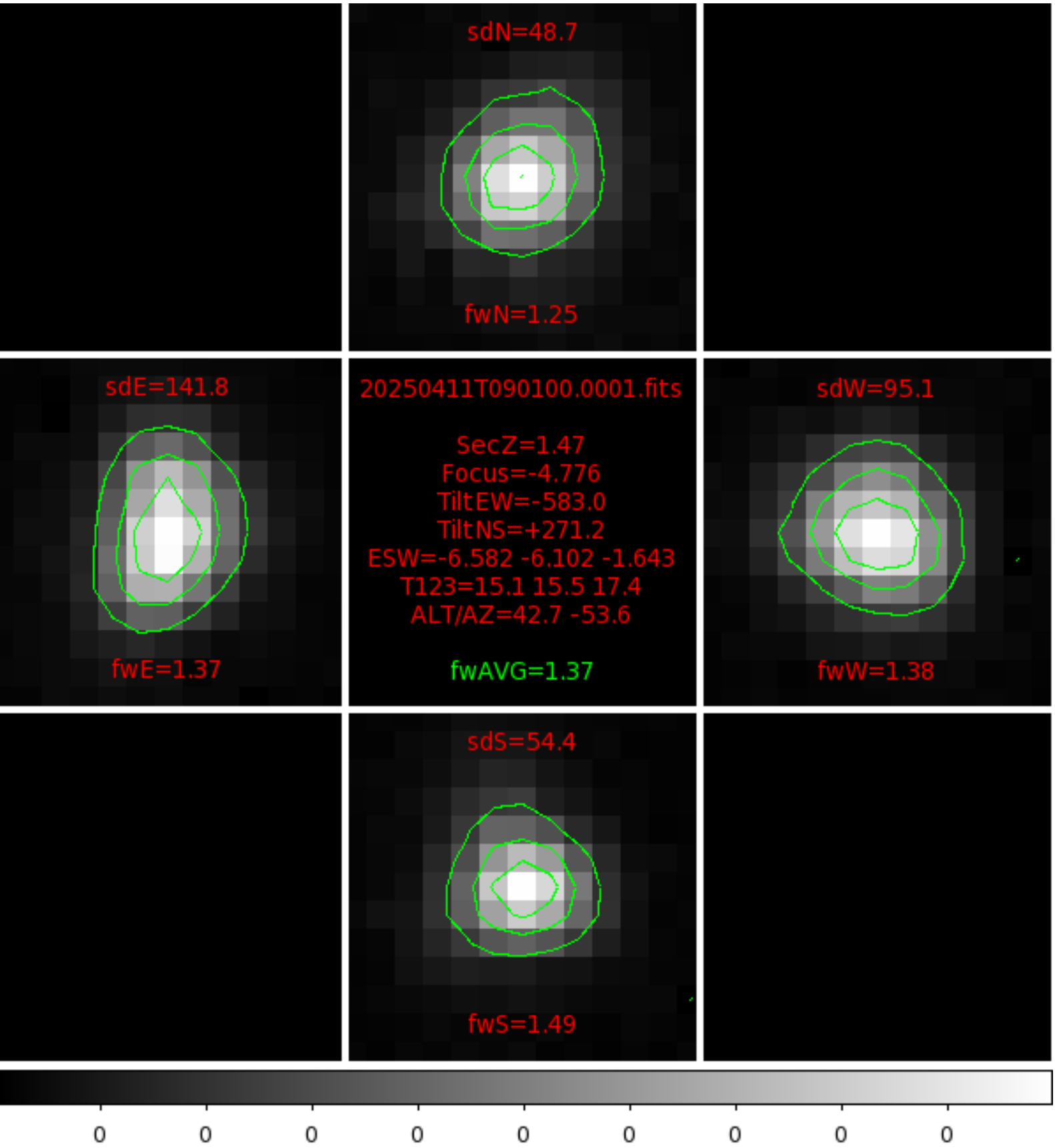
sdN=48.7
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sdE=141.8
fwE=1.37
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SecZ=1.47
Focus=-4.776
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.1 15.5 17.4
ALT/AZ=42.7 -53.6
fwAVG=1.37
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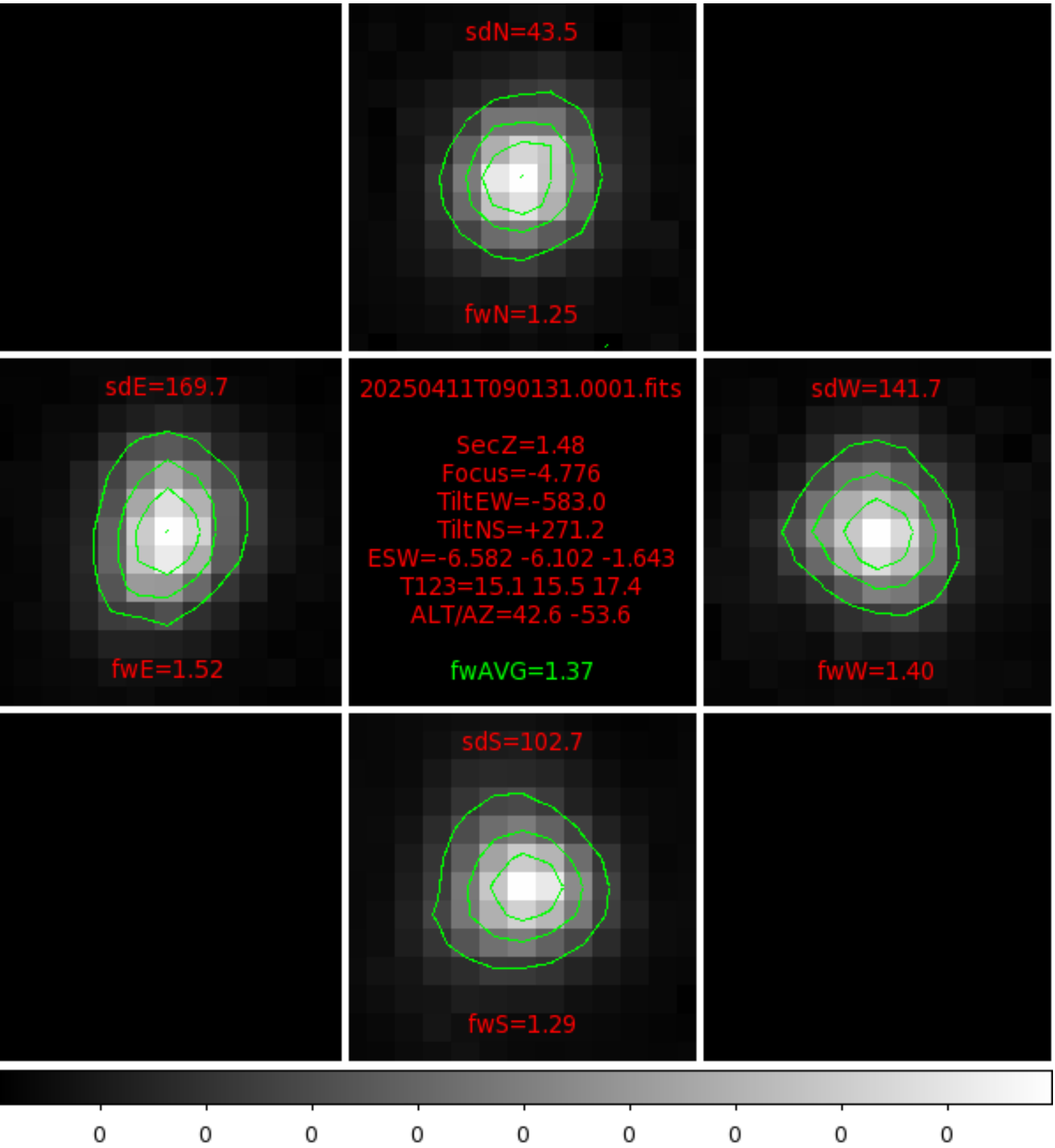
sdN=43.5
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sdE=169.7
fwE=1.52
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SecZ=1.48
Focus=-4.776
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.1 15.5 17.4
ALT/AZ=42.6 -53.6
fwAVG=1.37
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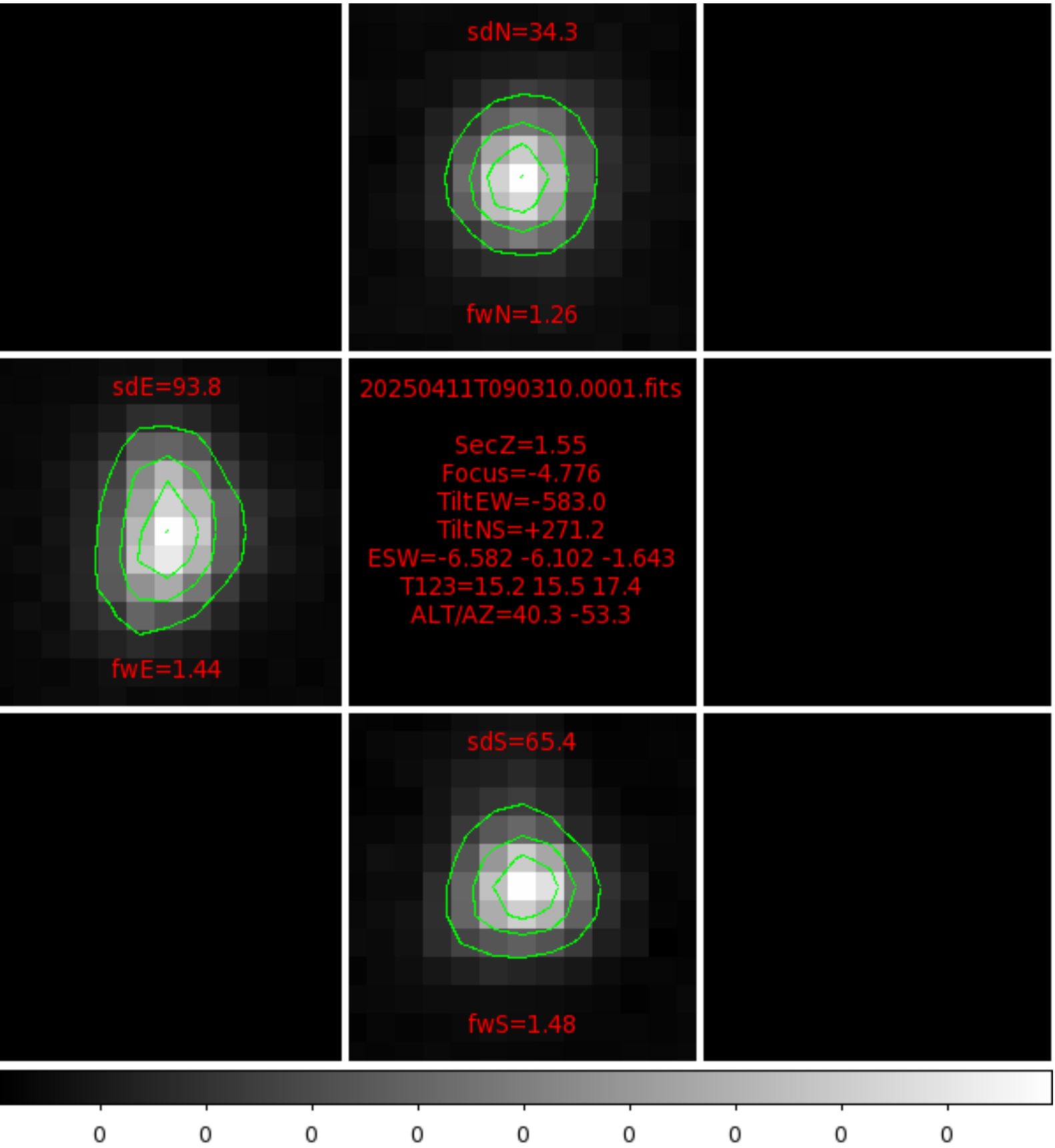
sdN=34.3
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sdE=93.8
fwE=1.44
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SecZ=1.55
Focus=-4.776
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.2 15.5 17.4
ALT/AZ=40.3 -53.3
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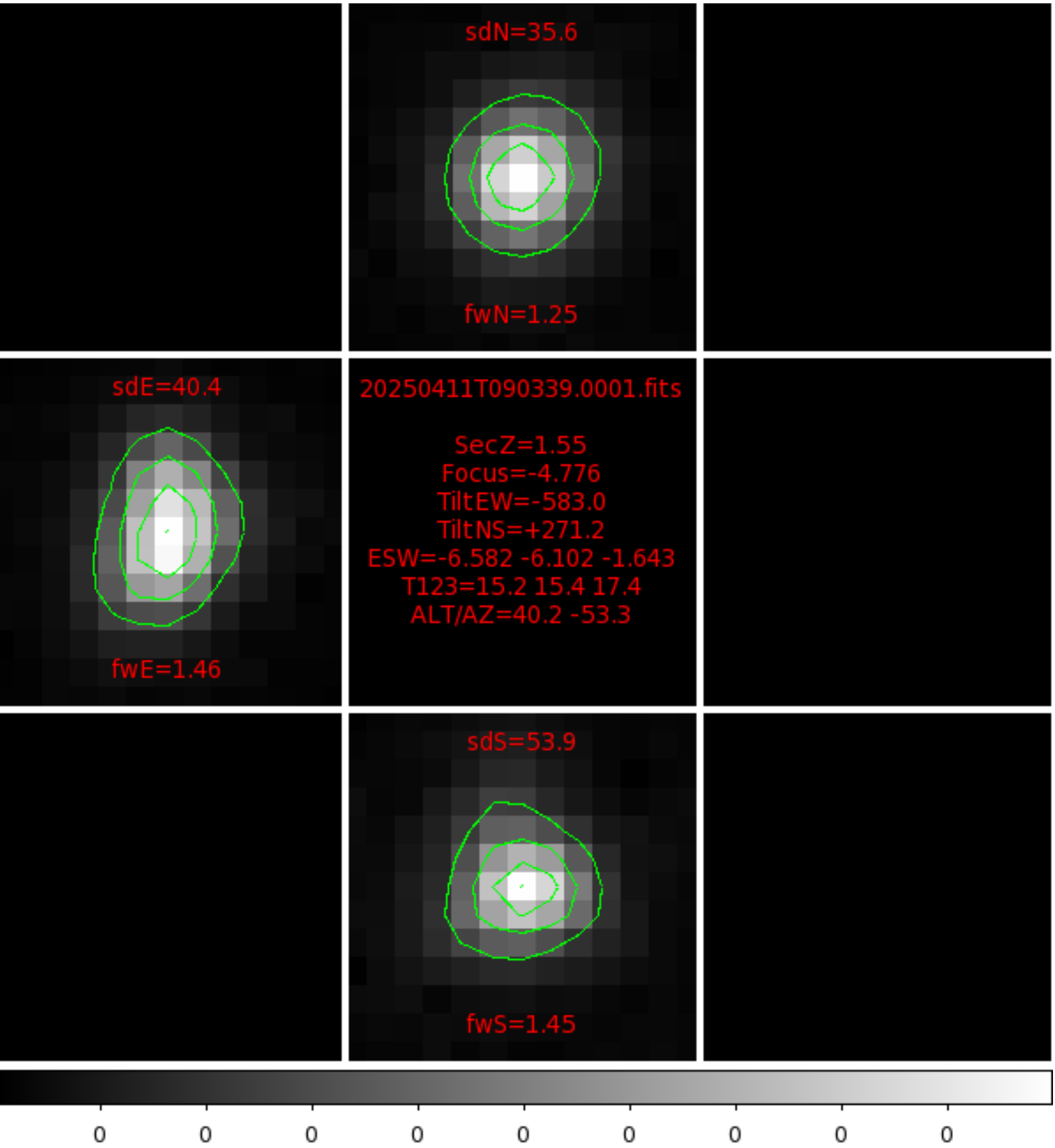
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TiltNS=+271.2
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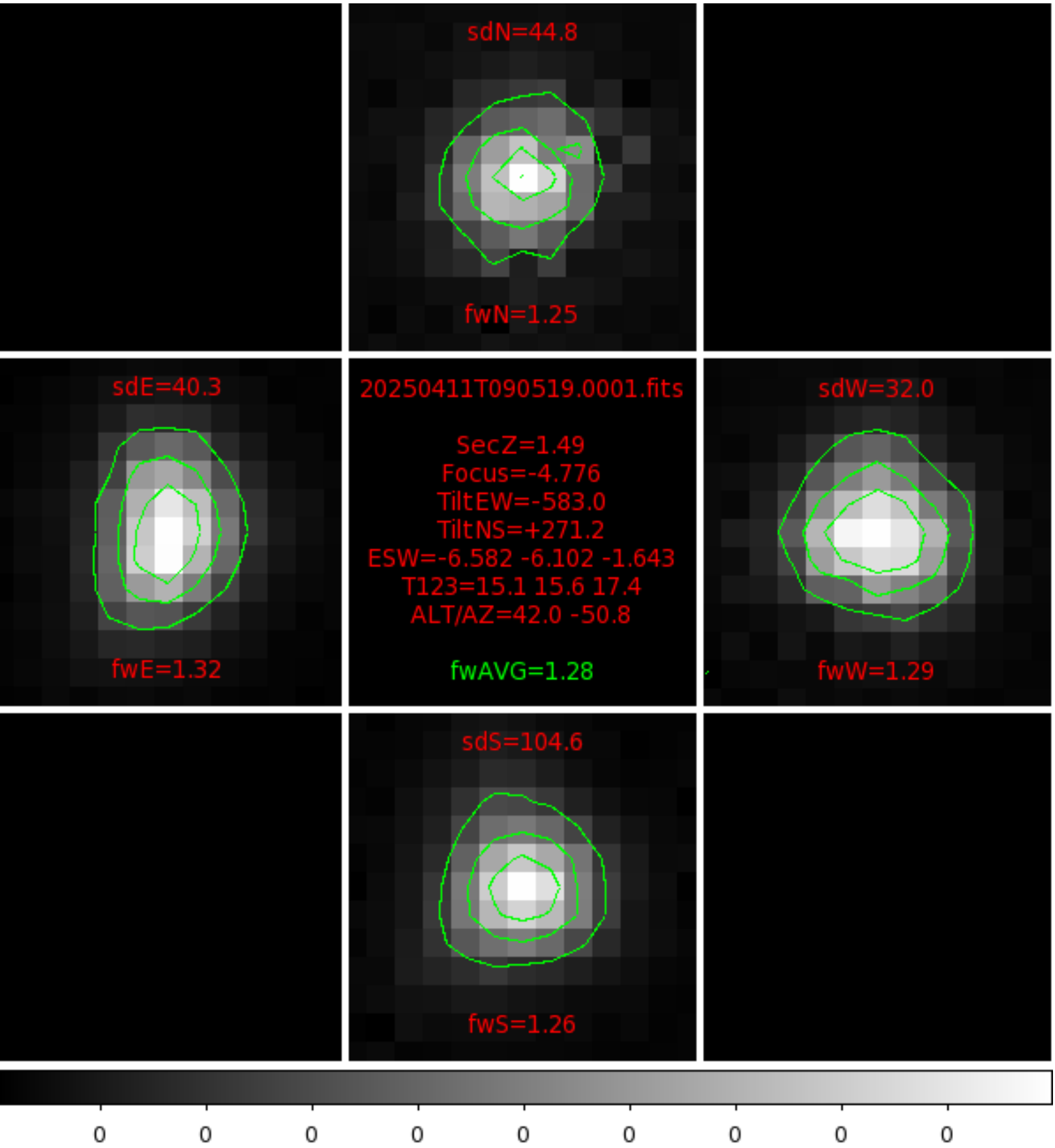
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SecZ=1.49
Focus=-4.776
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.1 15.6 17.4
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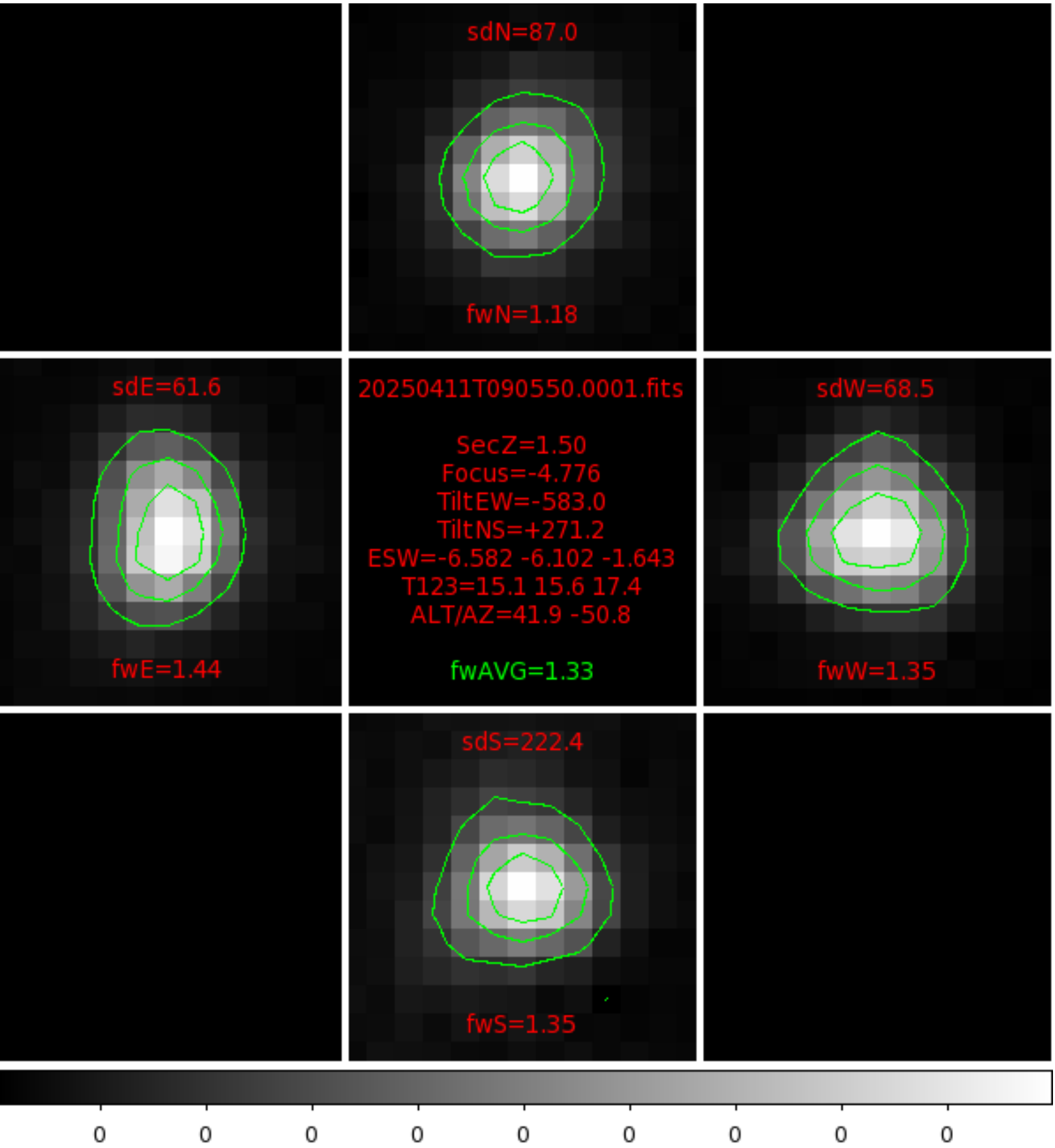
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SecZ=1.50
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.1 15.6 17.4
ALT/AZ=41.9 -50.8
fwAVG=1.33
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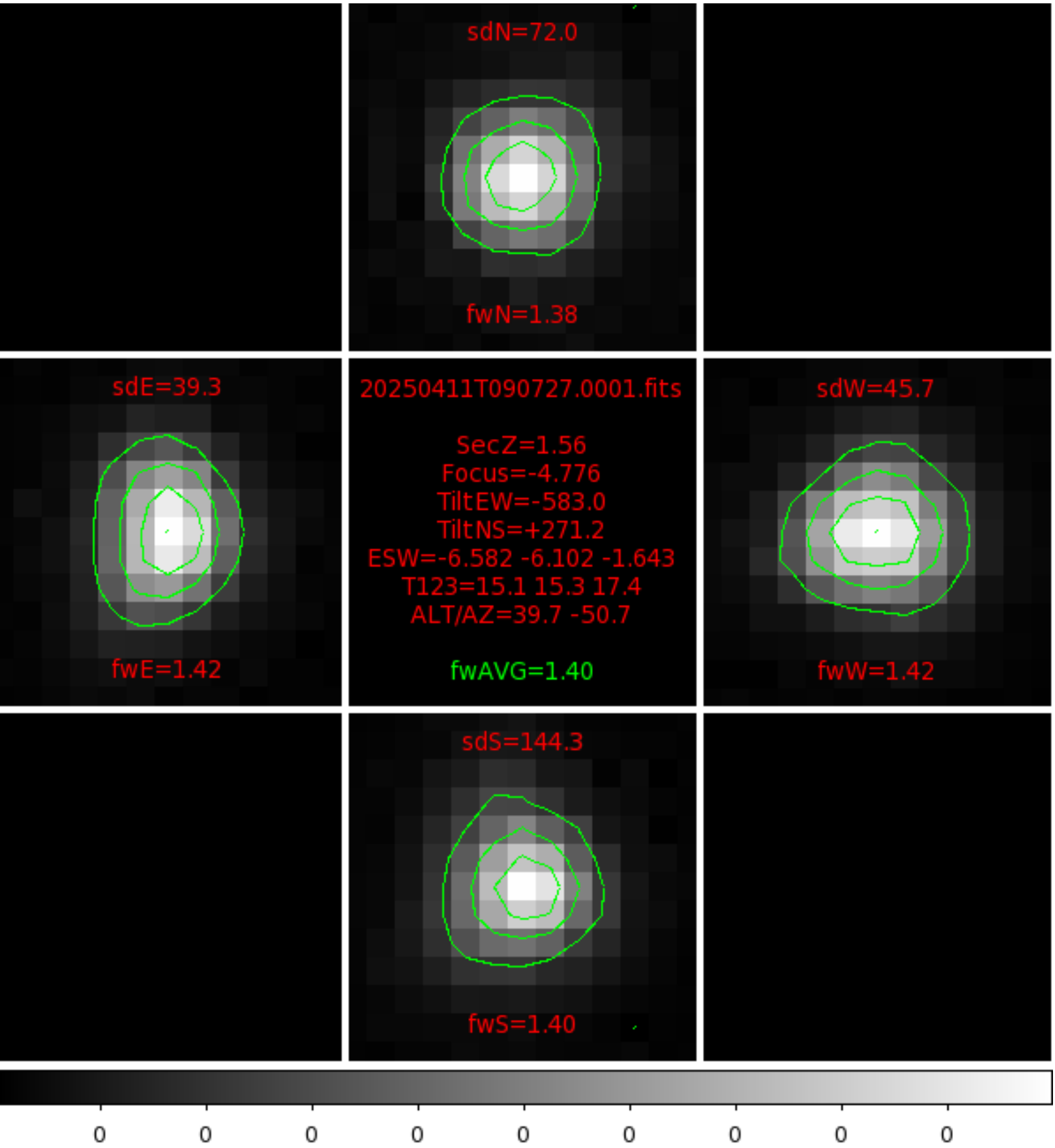
sdN=72.0
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sdE=39.3
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SecZ=1.56
Focus=-4.776
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TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.1 15.3 17.4
ALT/AZ=39.7 -50.7
fwAVG=1.40
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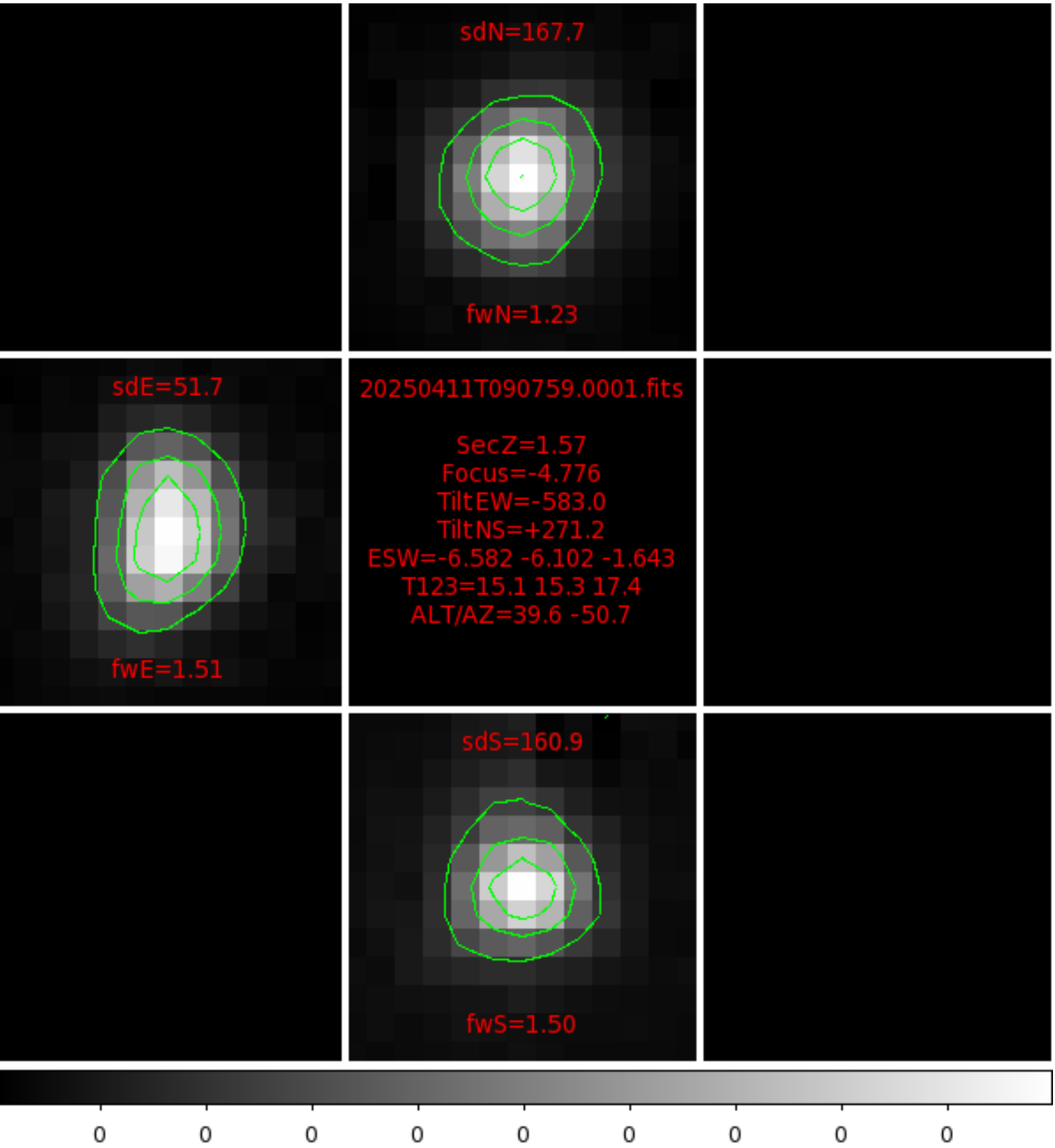
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sdE=51.7
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SecZ=1.57
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.1 15.3 17.4
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sdS=160.9
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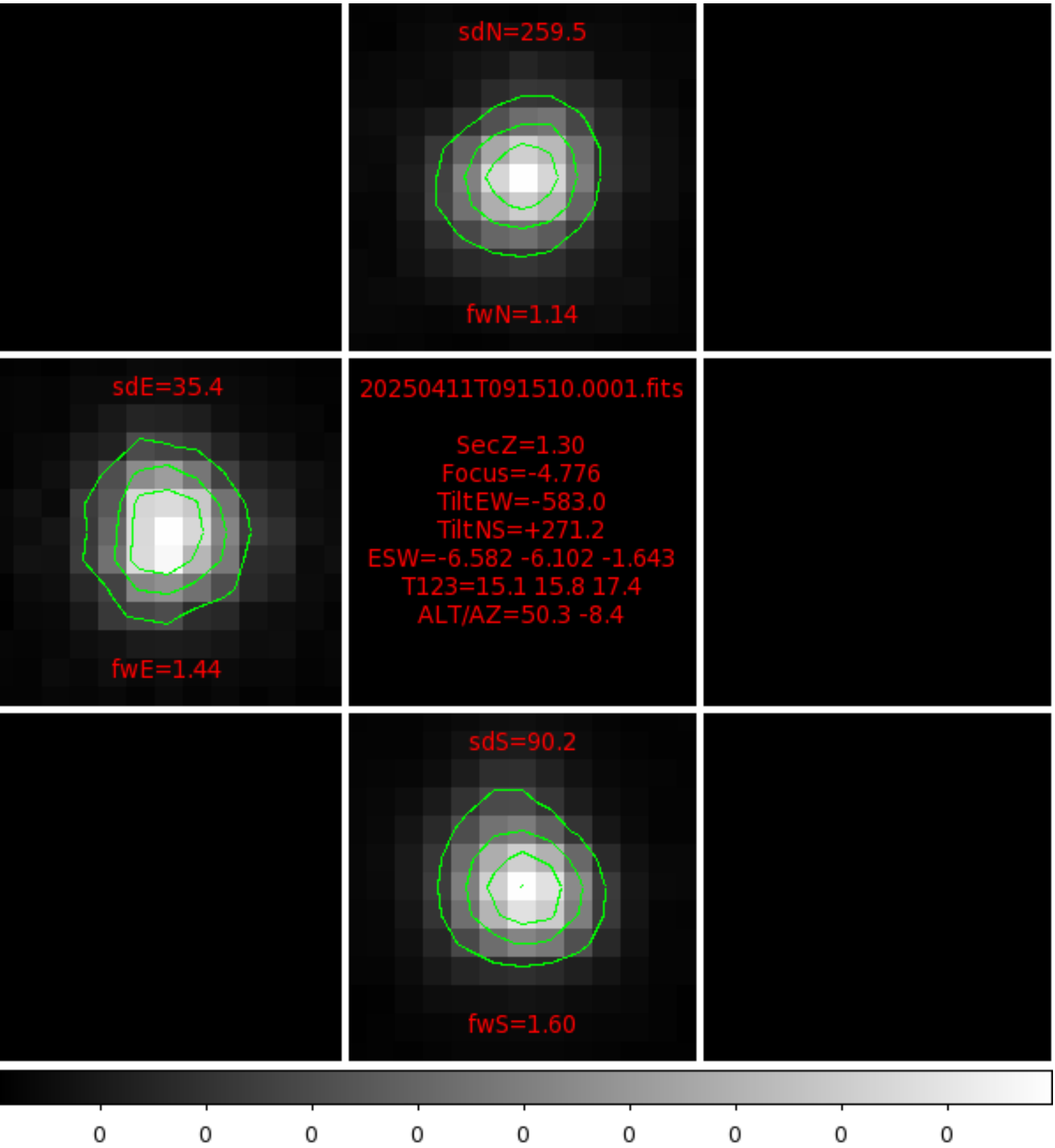
sdN=259.5
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sdE=35.4
fwE=1.44
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SecZ=1.30
Focus=-4.776
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.1 15.8 17.4
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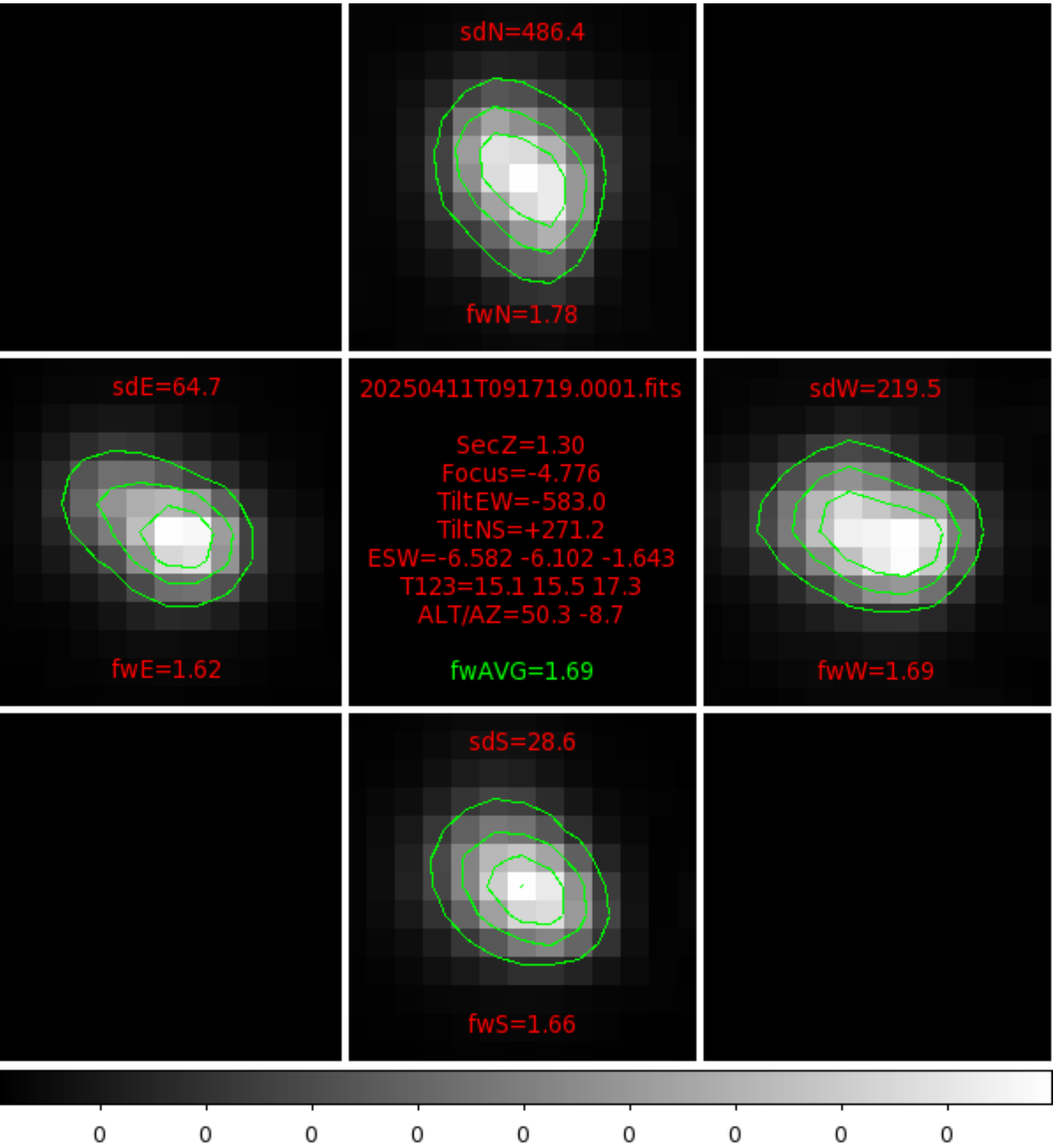
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sdE=64.7
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SecZ=1.30
Focus=-4.776
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.1 15.5 17.3
ALT/AZ=50.3 -8.7
fwAVG=1.69
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sdS=28.6
fwS=1.66
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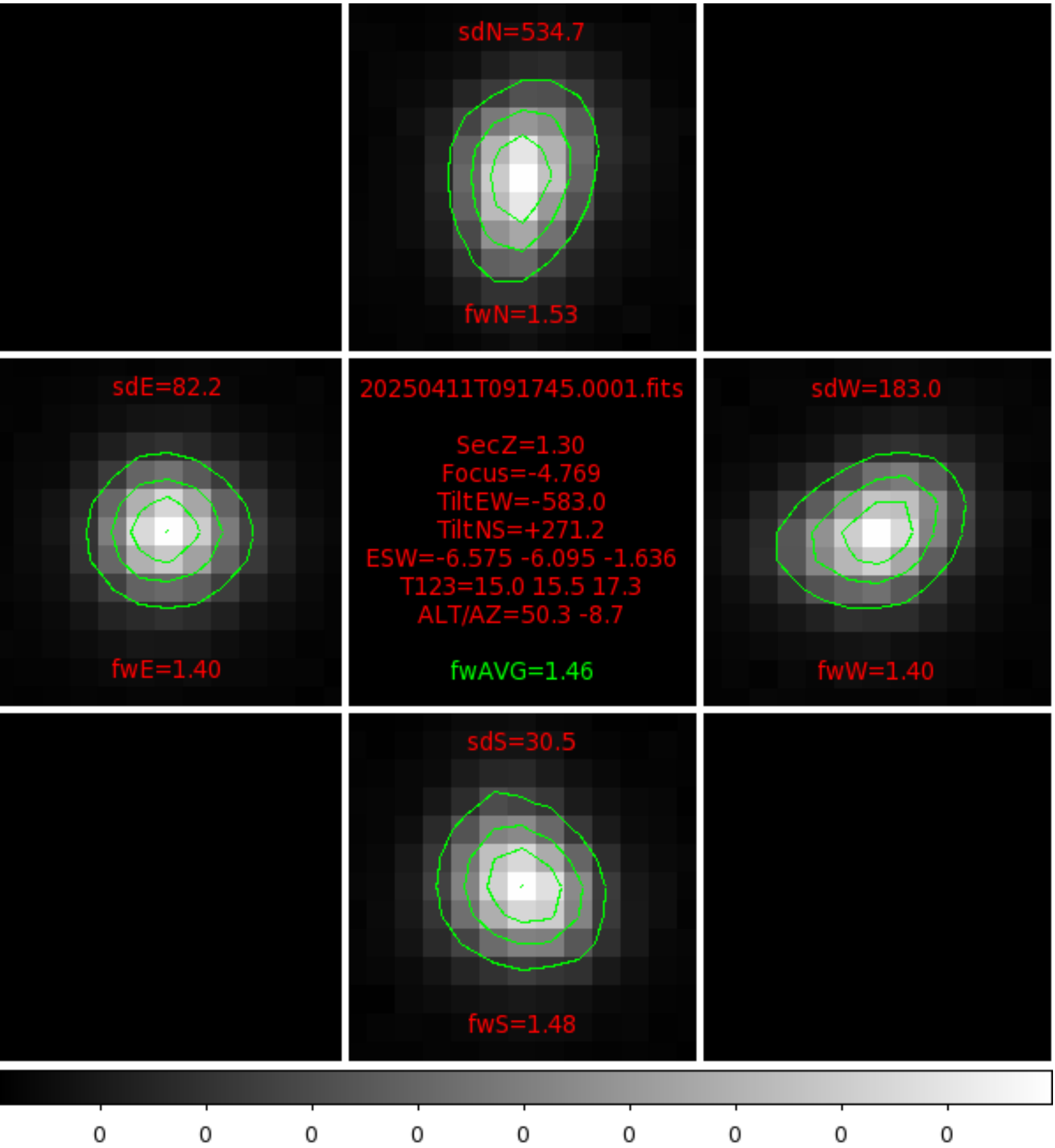
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SecZ=1.30
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.5 17.3
ALT/AZ=50.3 -8.7
fwAVG=1.46
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sdS=30.5
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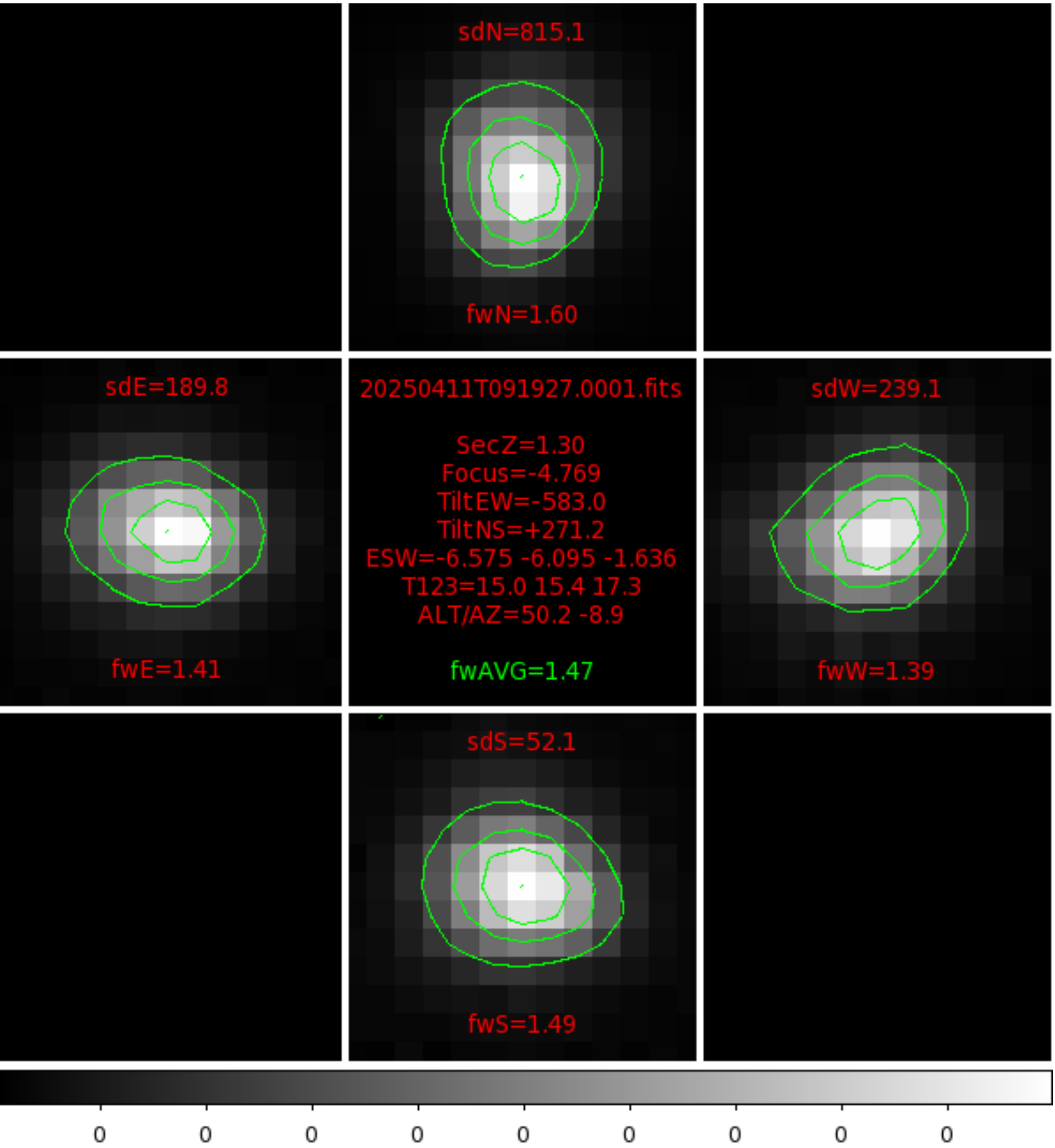
sdN=815.1
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SecZ=1.30
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.4 17.3
ALT/AZ=50.2 -8.9
fwAVG=1.47
sdW=239.1
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fwS=1.49
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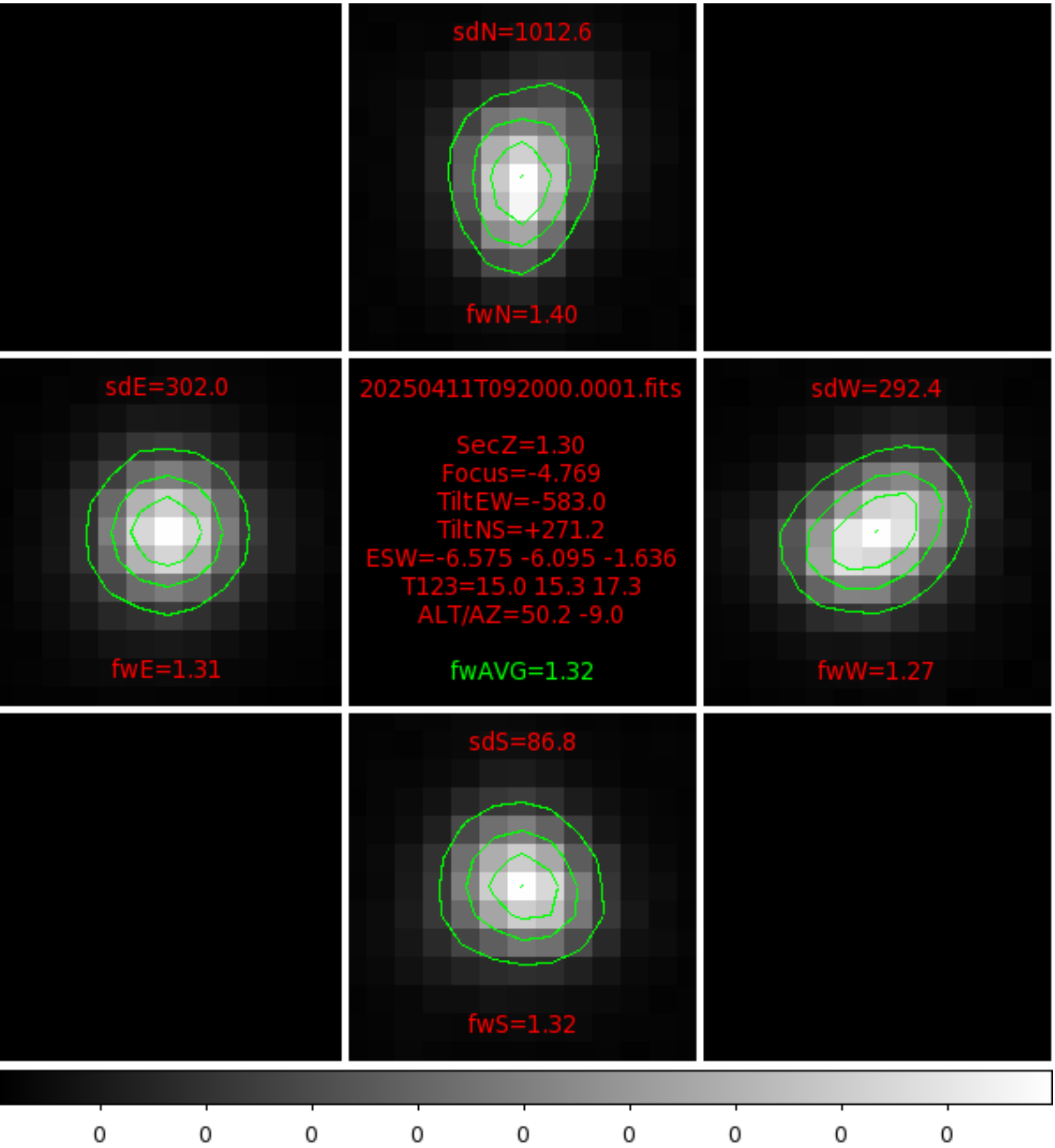
sdN=1012.6
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sdE=302.0
fwE=1.31
20250411T092000.0001.fits
SecZ=1.30
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.3 17.3
ALT/AZ=50.2 -9.0
fwAVG=1.32
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fwW=1.27
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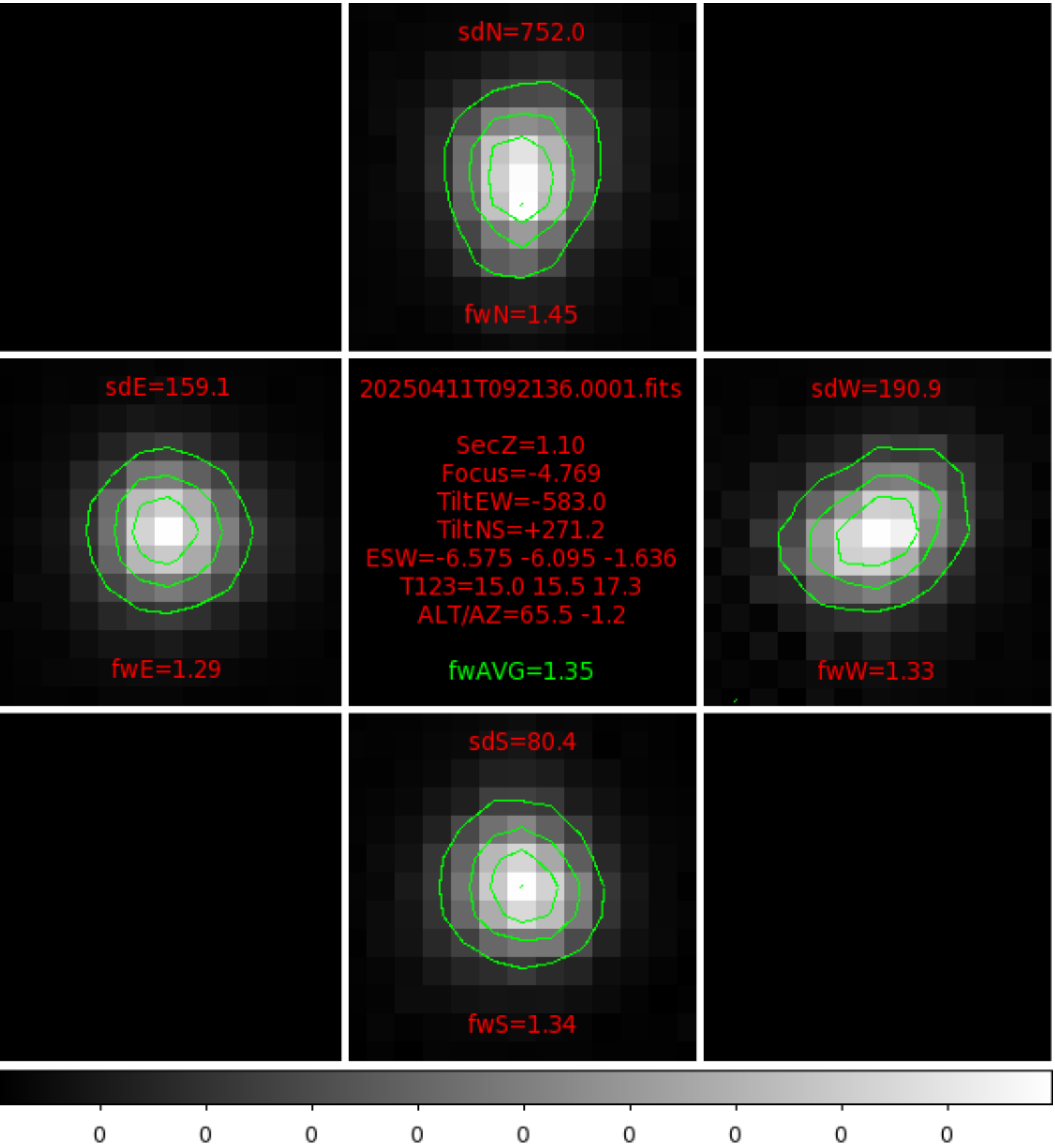
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20250411T092136.0001.fits
SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.5 17.3
ALT/AZ=65.5 -1.2
fwAVG=1.35
sdW=190.9
fwW=1.33
sdS=80.4
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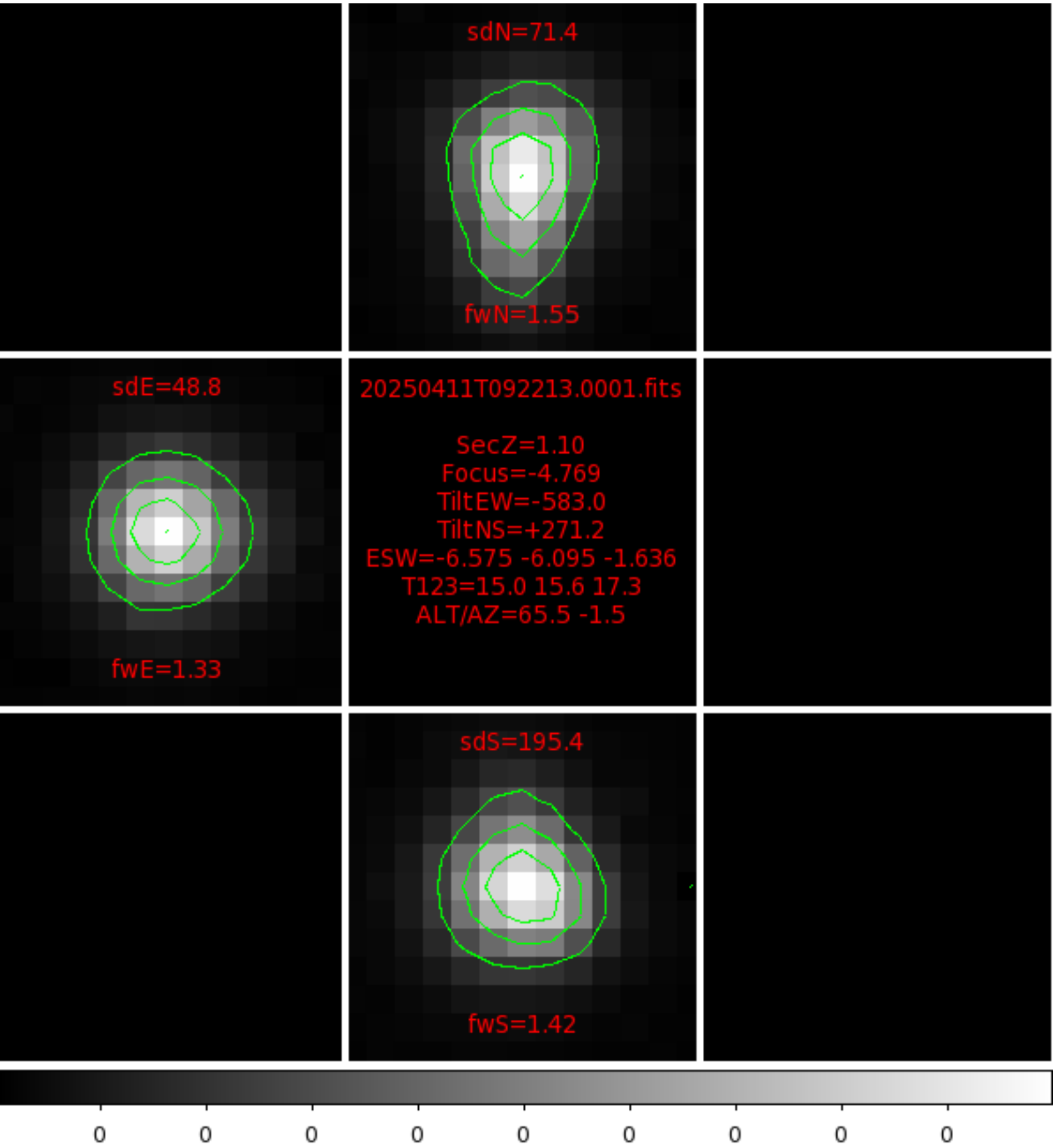
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sdE=48.8
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20250411T092213.0001.fits
SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.6 17.3
ALT/AZ=65.5 -1.5
sdS=195.4
fwS=1.42
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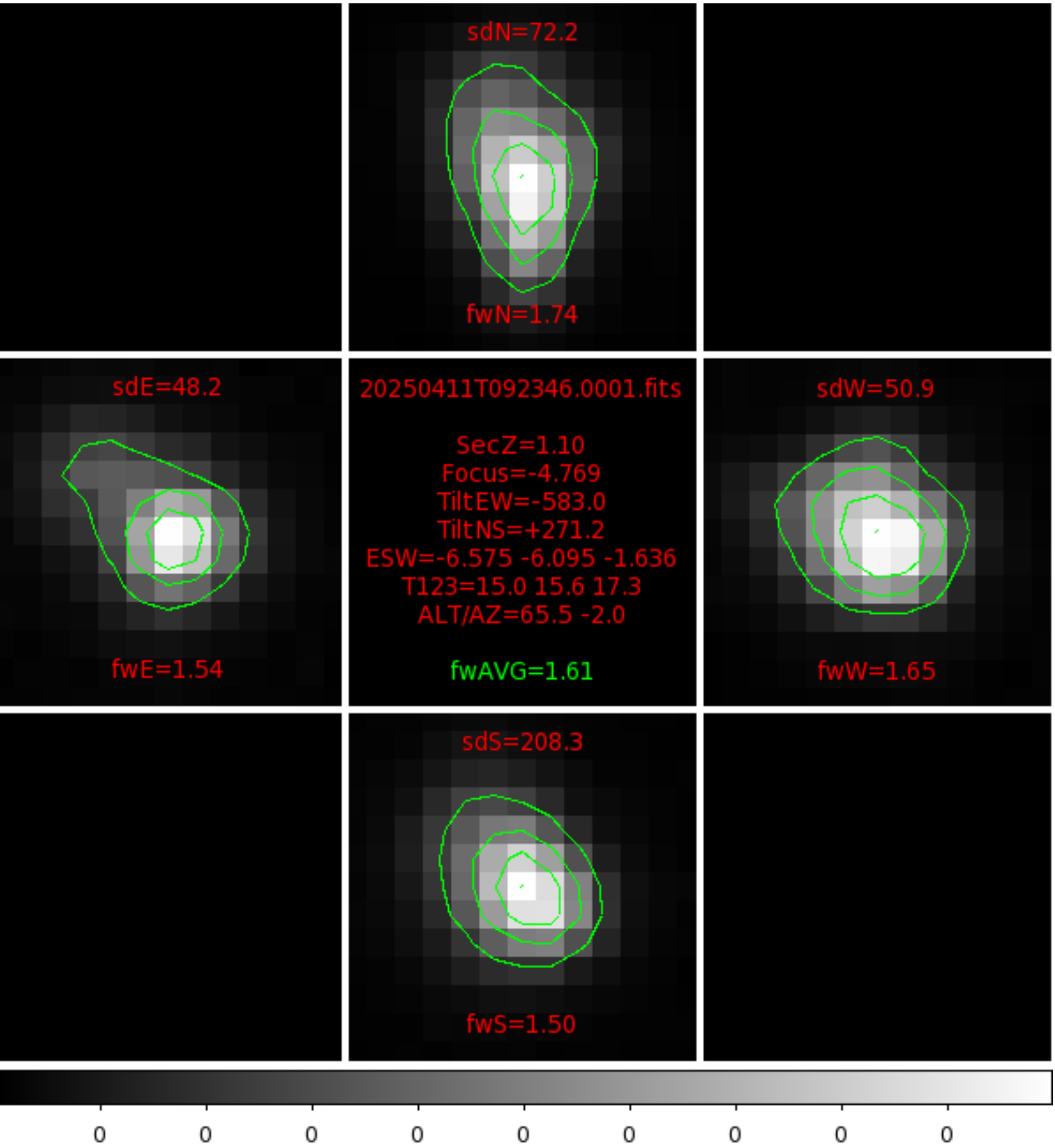
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fwN=1.74
sdE=48.2
fwE=1.54
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SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.6 17.3
ALT/AZ=65.5 -2.0
fwAVG=1.61
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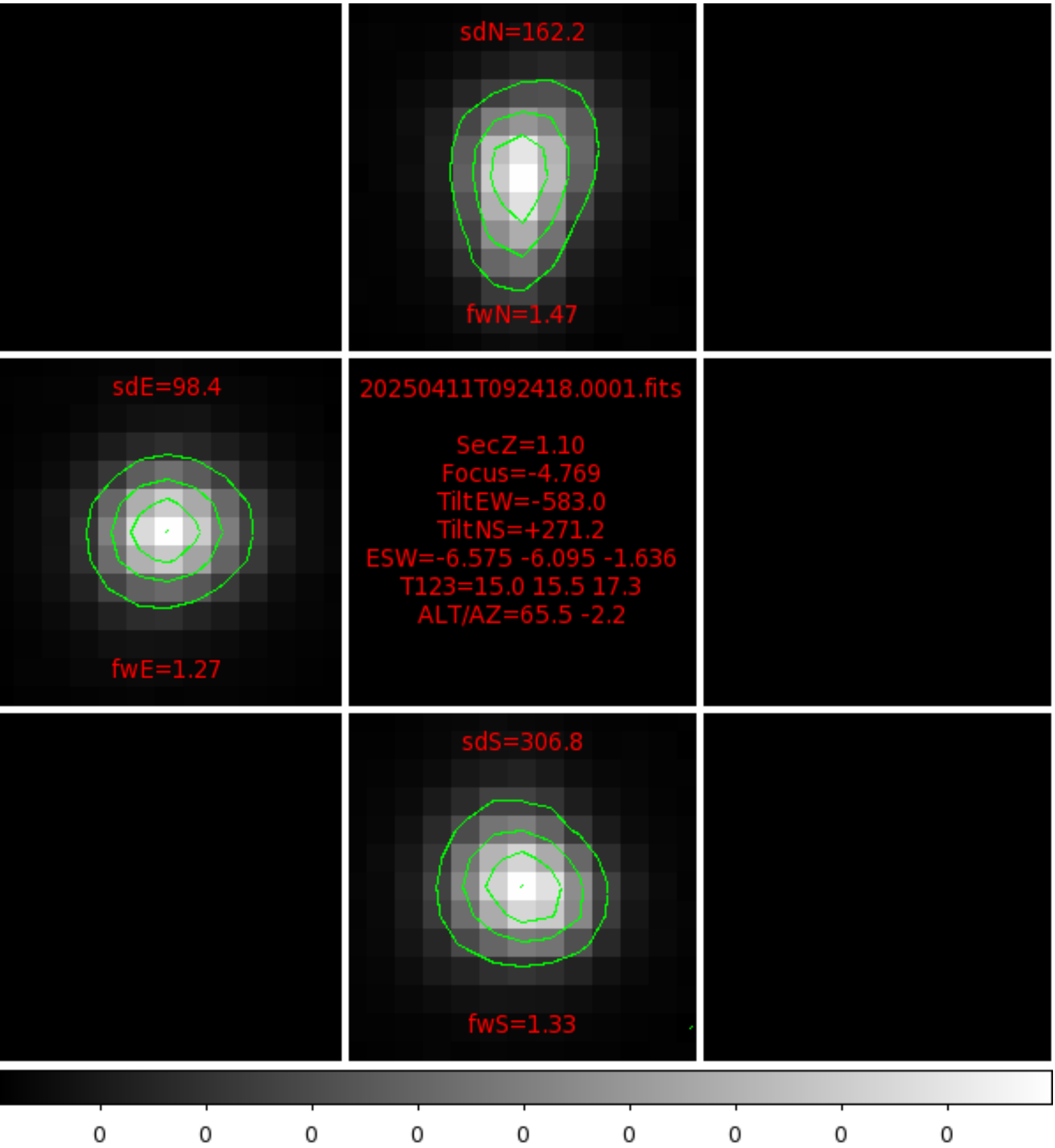
sdN=162.2
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20250411T092418.0001.fits
SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.5 17.3
ALT/AZ=65.5 -2.2
sdS=306.8
fwS=1.33
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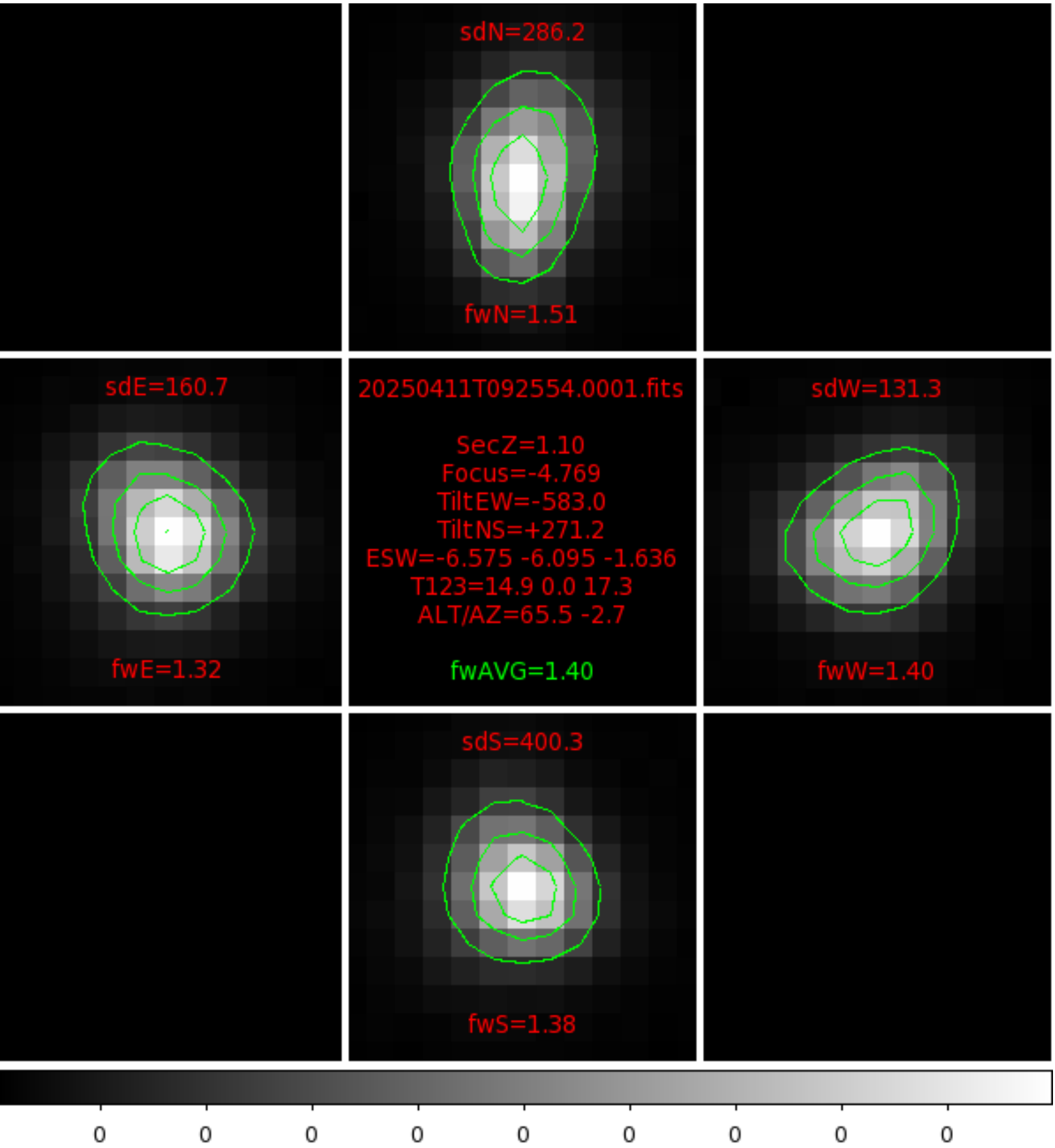
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sdE=160.7
fwE=1.32
20250411T092554.0001.fits
SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=14.9 0.0 17.3
ALT/AZ=65.5 -2.7
fwAVG=1.40
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sdS=400.3
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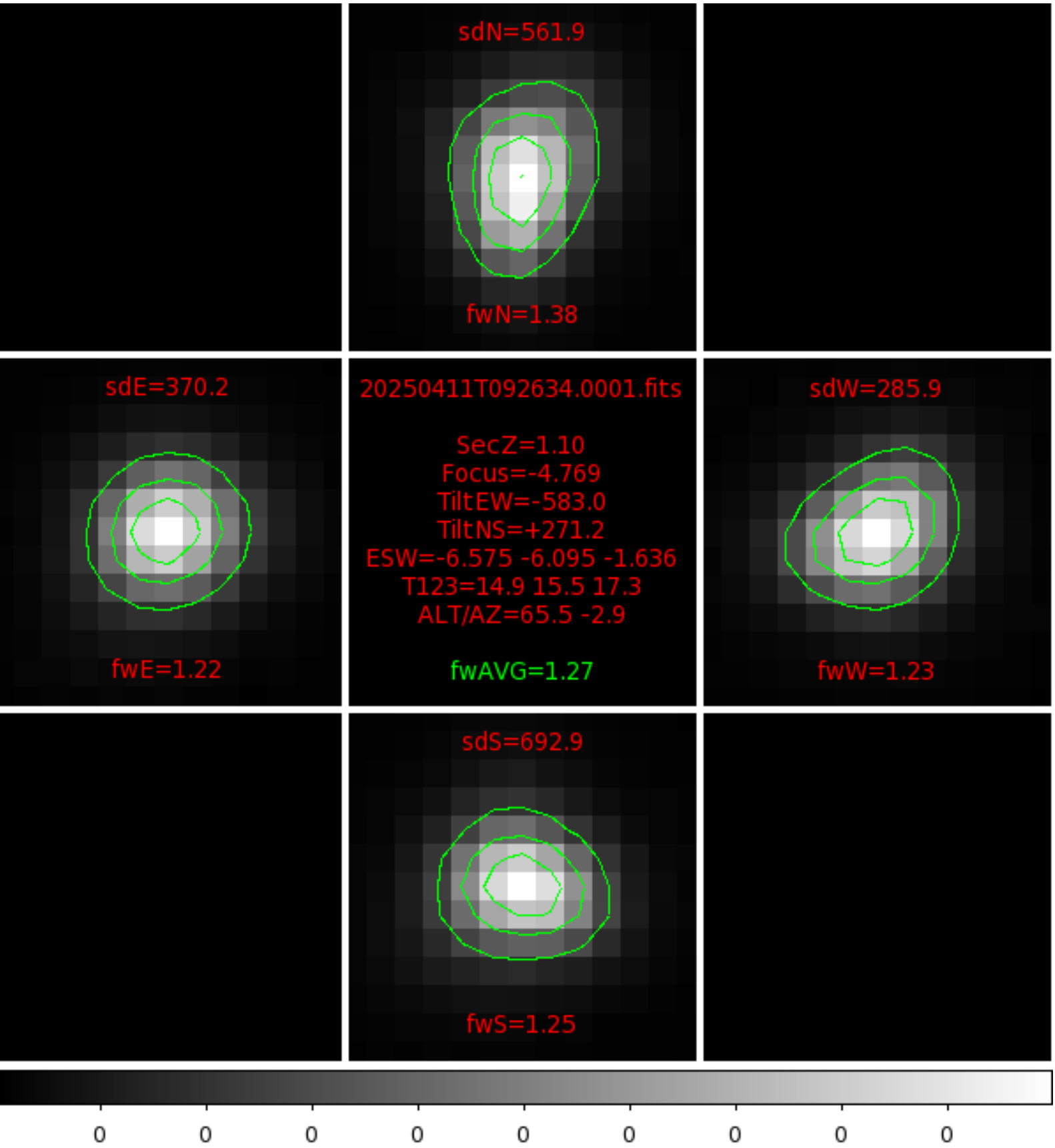
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sdE=370.2
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SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=14.9 15.5 17.3
ALT/AZ=65.5 -2.9
fwAVG=1.27
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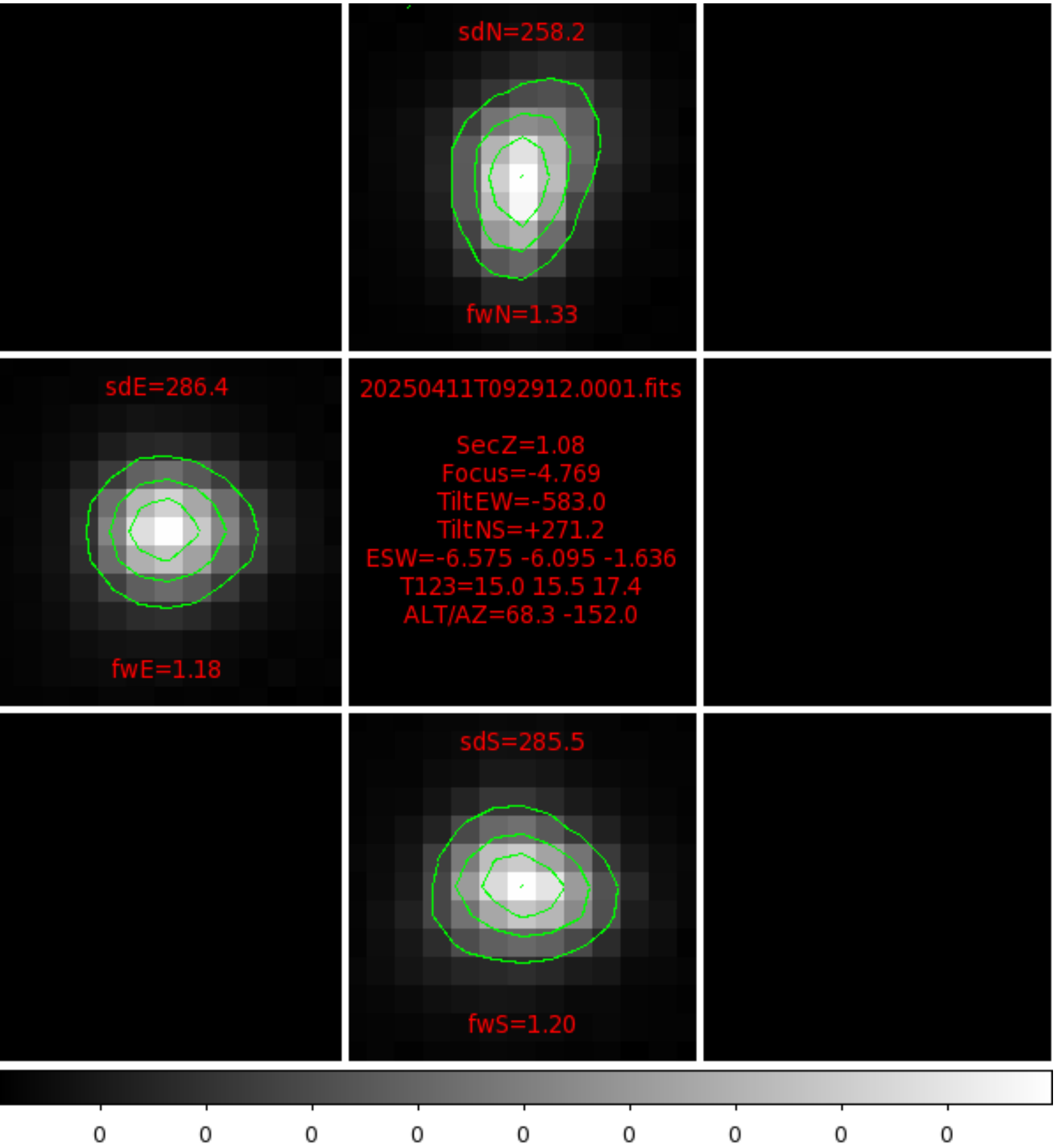
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sdE=286.4
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SecZ=1.08
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.5 17.4
ALT/AZ=68.3 -152.0
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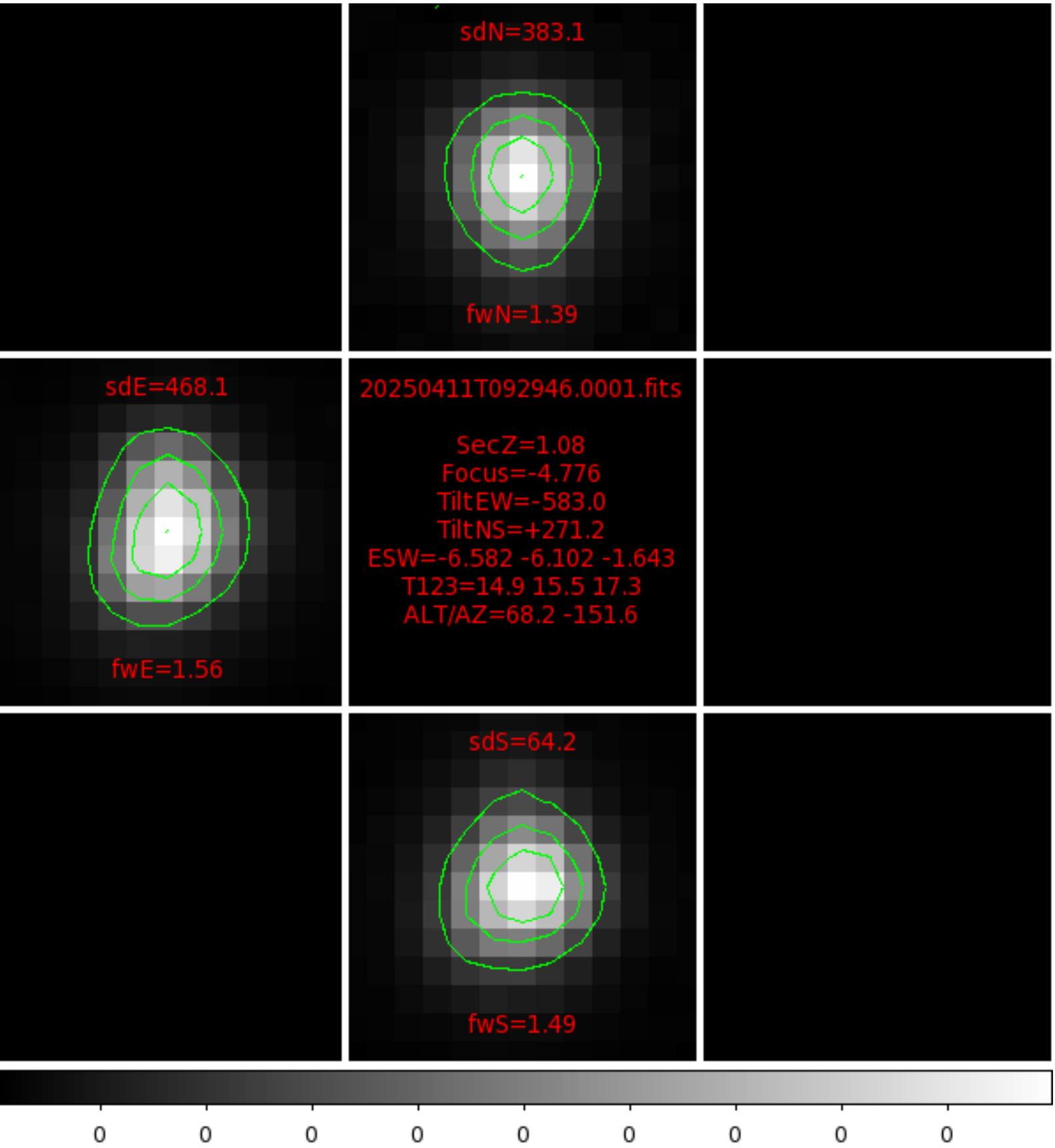
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sdE=468.1
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SecZ=1.08
Focus=-4.776
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=14.9 15.5 17.3
ALT/AZ=68.2 -151.6
sdS=64.2
fwS=1.49
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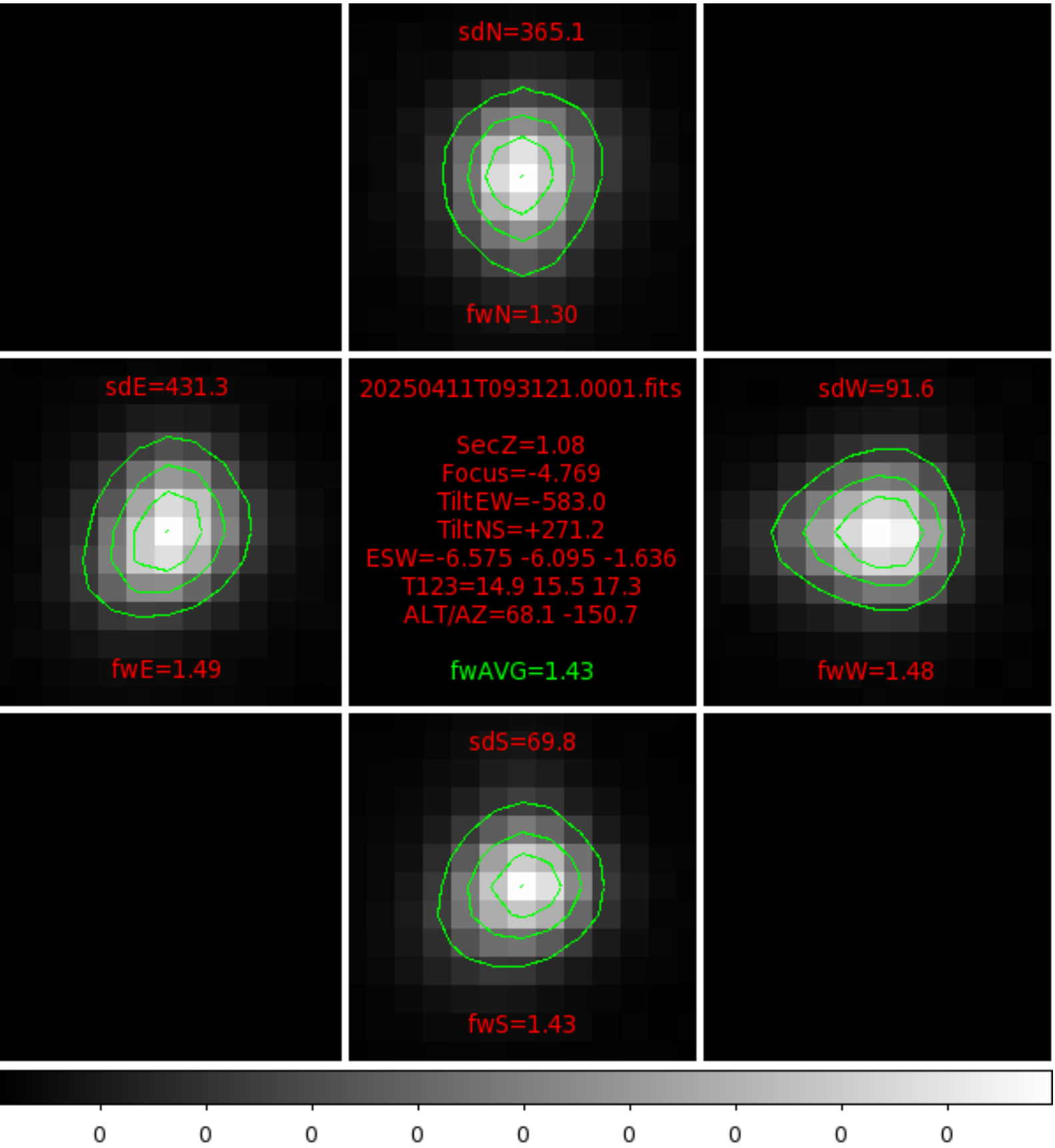
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sdE=431.3
fwE=1.49
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SecZ=1.08
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=14.9 15.5 17.3
ALT/AZ=68.1 -150.7
fwAVG=1.43
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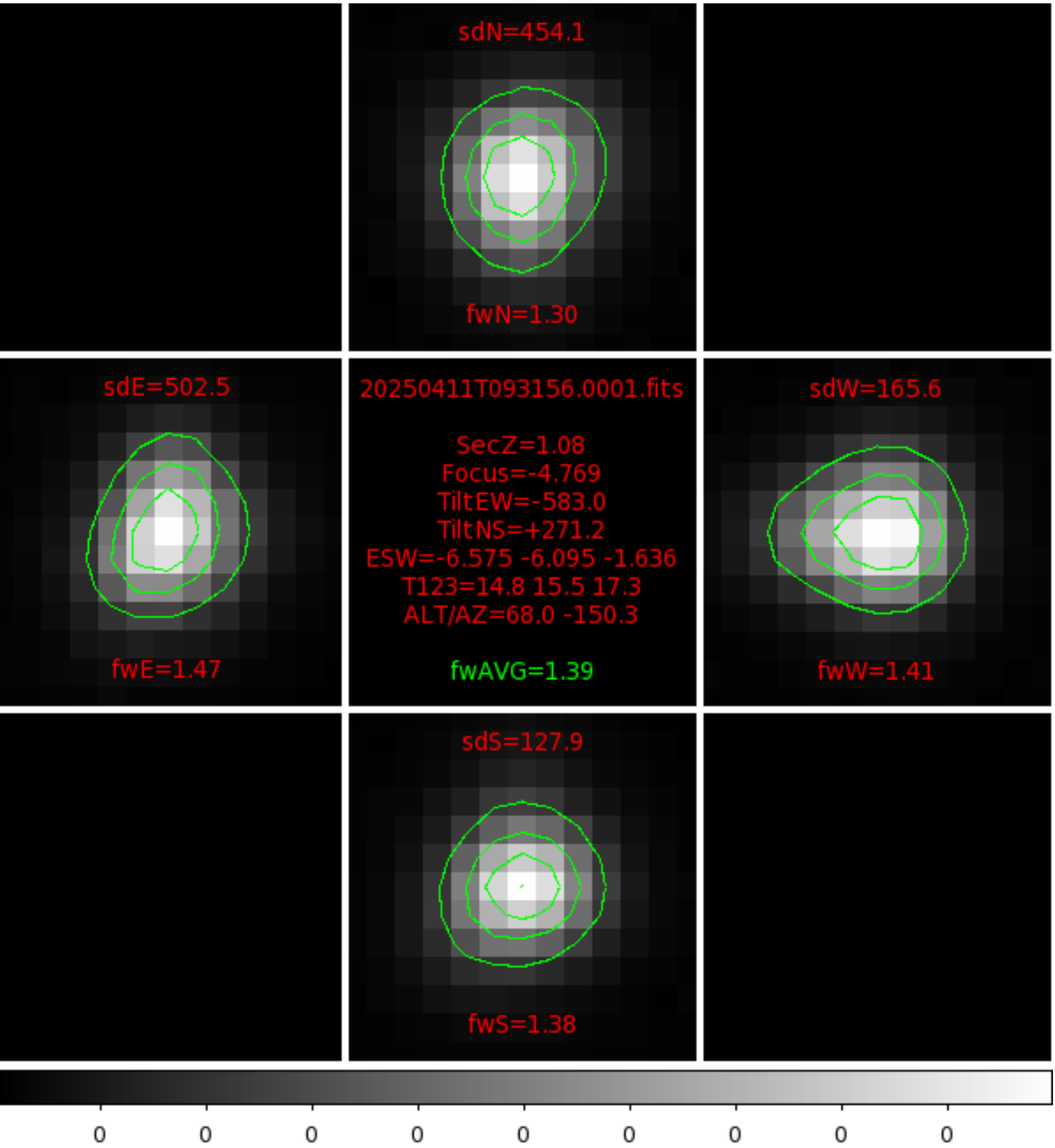
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sdE=502.5
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SecZ=1.08
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=14.8 15.5 17.3
ALT/AZ=68.0 -150.3
fwAVG=1.39
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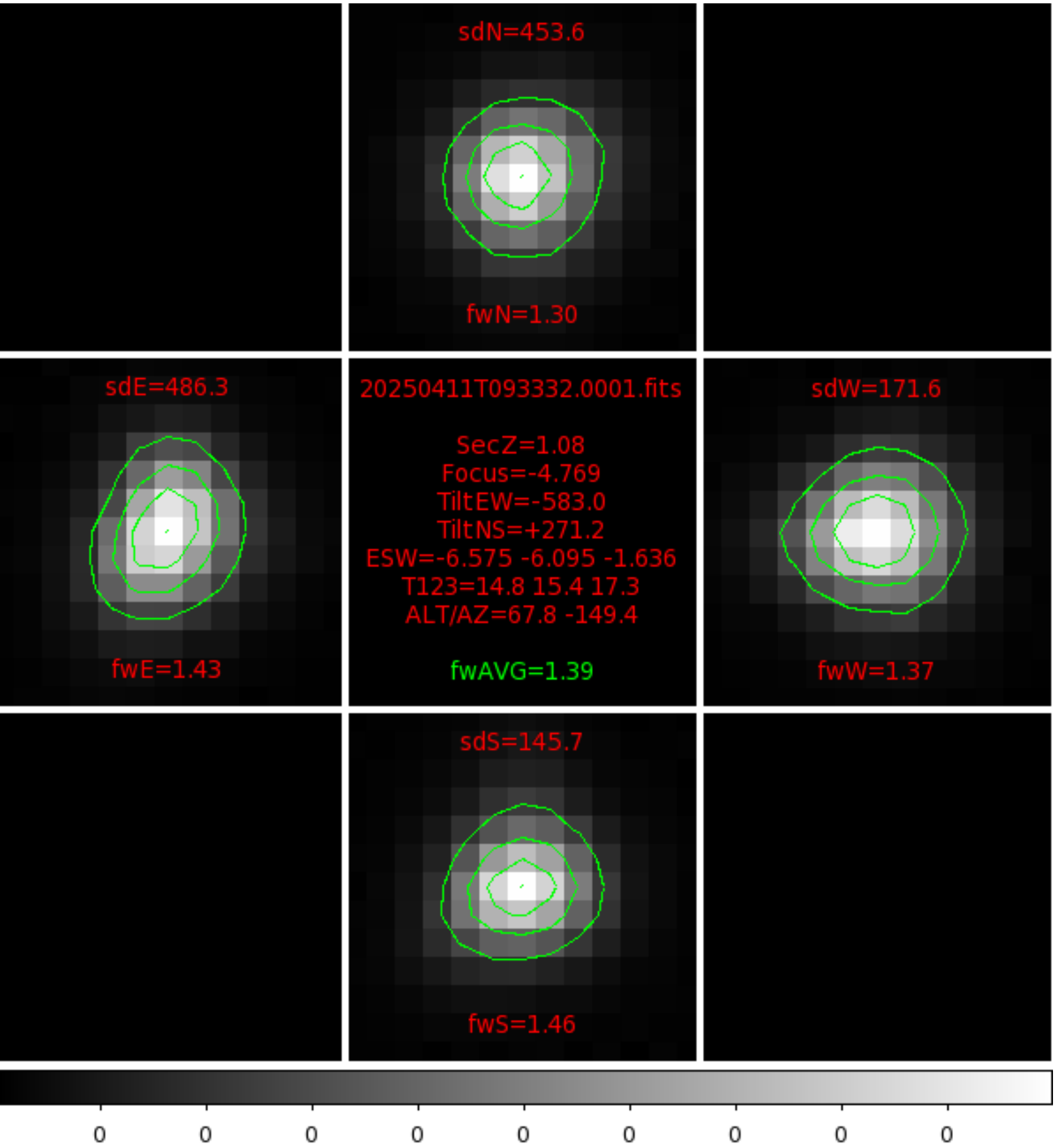
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SecZ=1.08
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=14.8 15.4 17.3
ALT/AZ=67.8 -149.4
fwAVG=1.39
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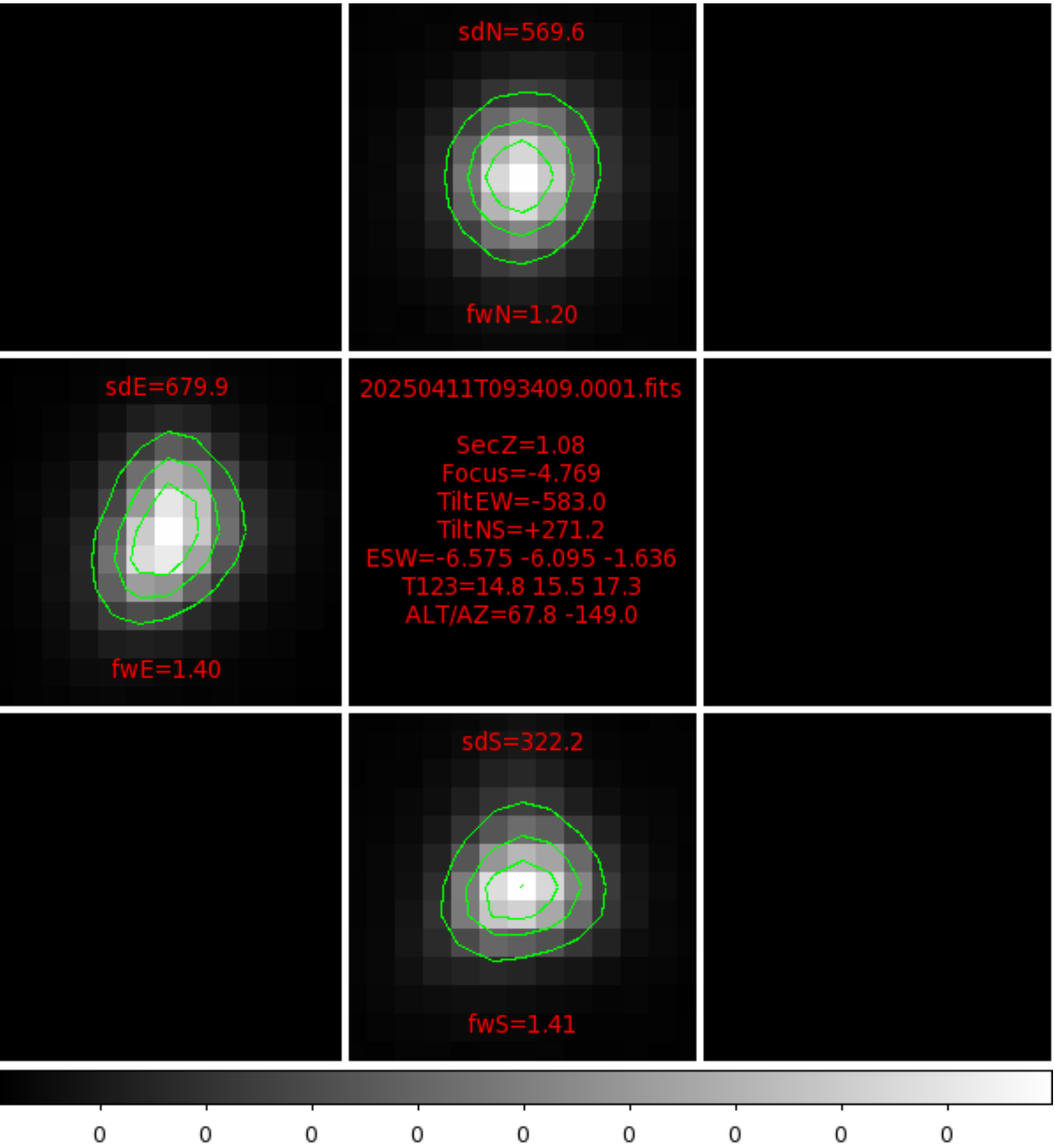
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20250411T093409.0001.fits
SecZ=1.08
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=14.8 15.5 17.3
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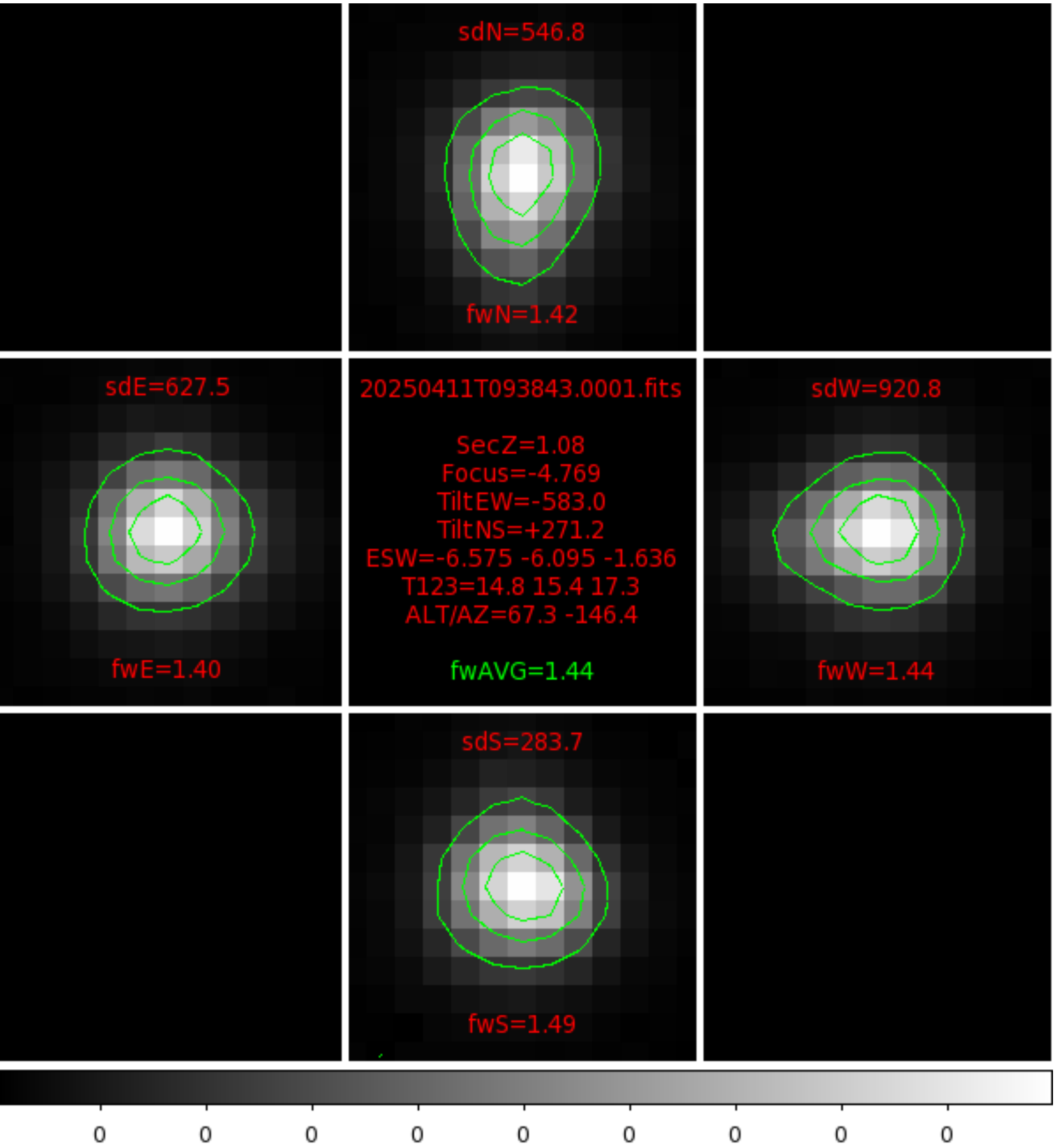
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fwN=1.42
sdE=627.5
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SecZ=1.08
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=14.8 15.4 17.3
ALT/AZ=67.3 -146.4
fwAVG=1.44
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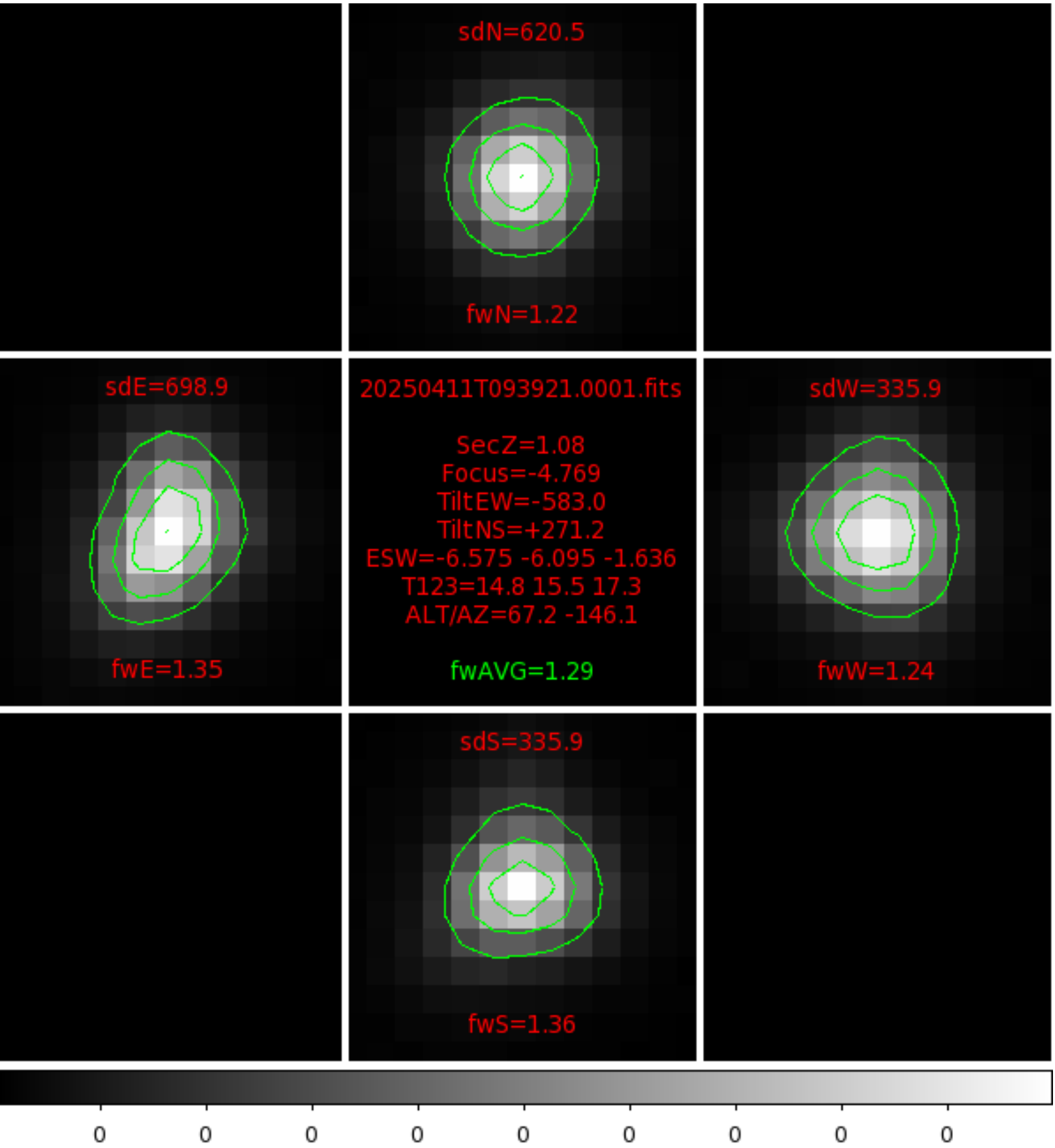
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fwN=1.22
sdE=698.9
fwE=1.35
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SecZ=1.08
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=14.8 15.5 17.3
ALT/AZ=67.2 -146.1
fwAVG=1.29
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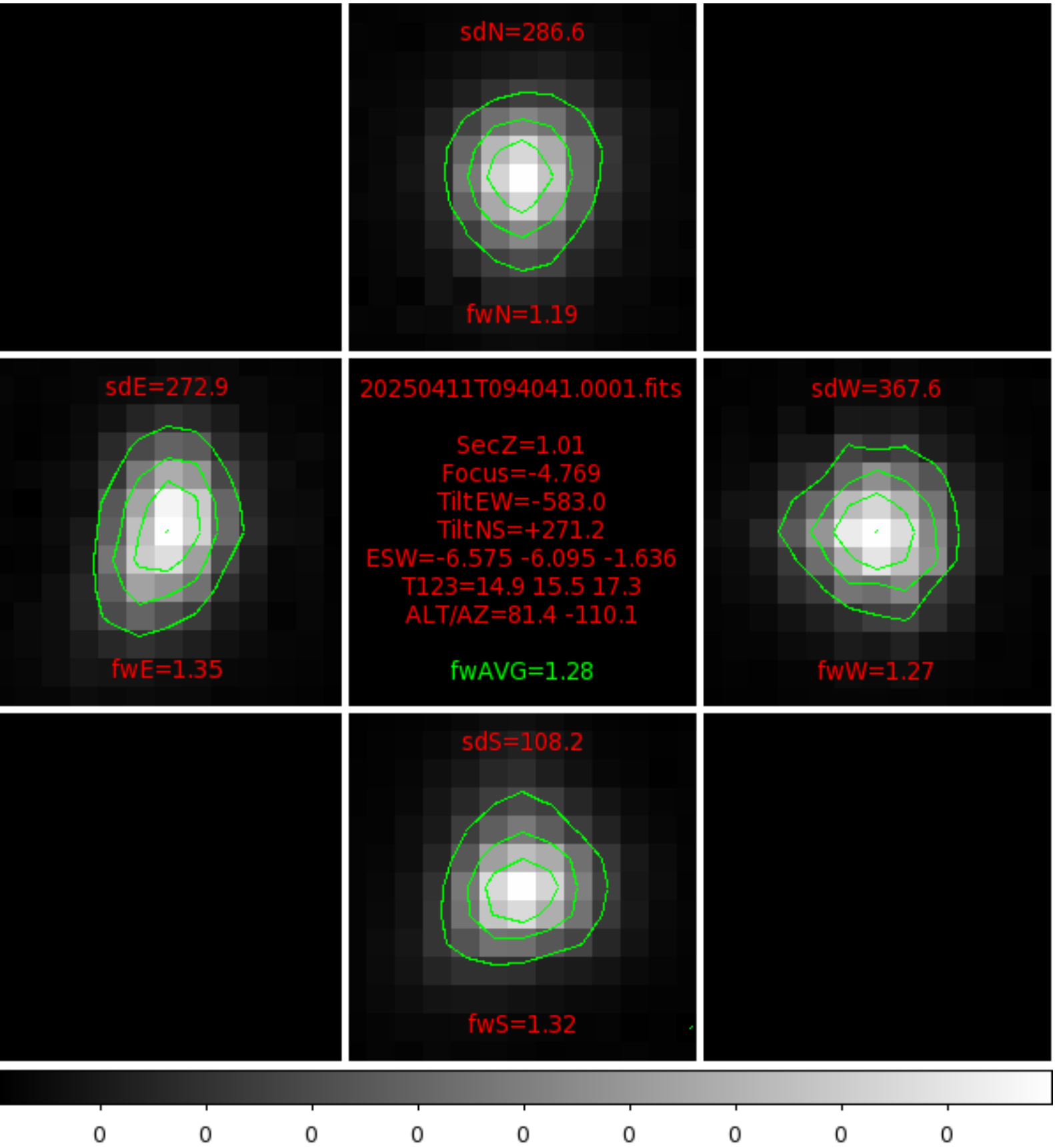
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sdE=272.9
fwE=1.35
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SecZ=1.01
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TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=14.9 15.5 17.3
ALT/AZ=81.4 -110.1
fwAVG=1.28
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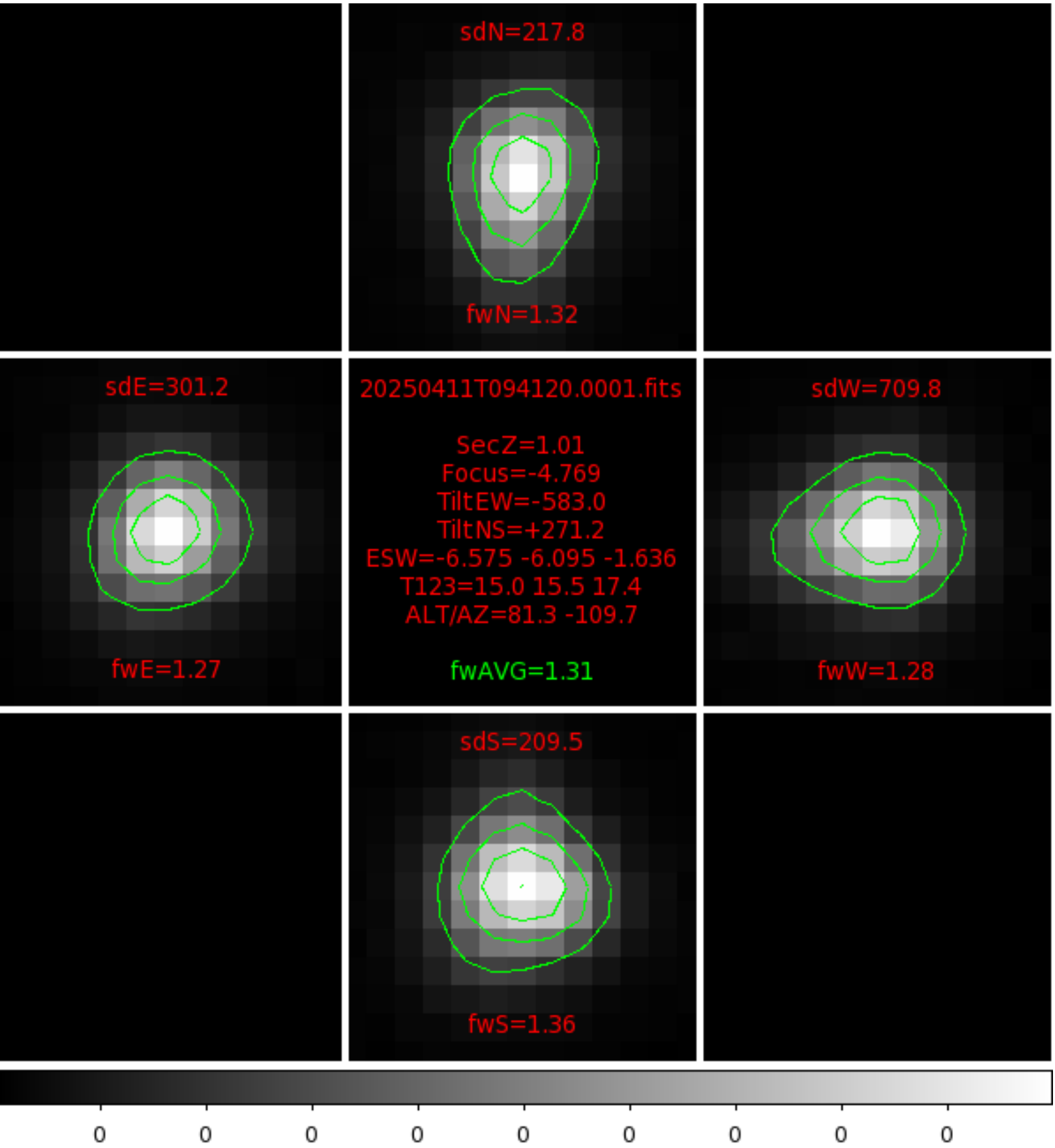
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SecZ=1.01
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.5 17.4
ALT/AZ=81.3 -109.7
fwAVG=1.31
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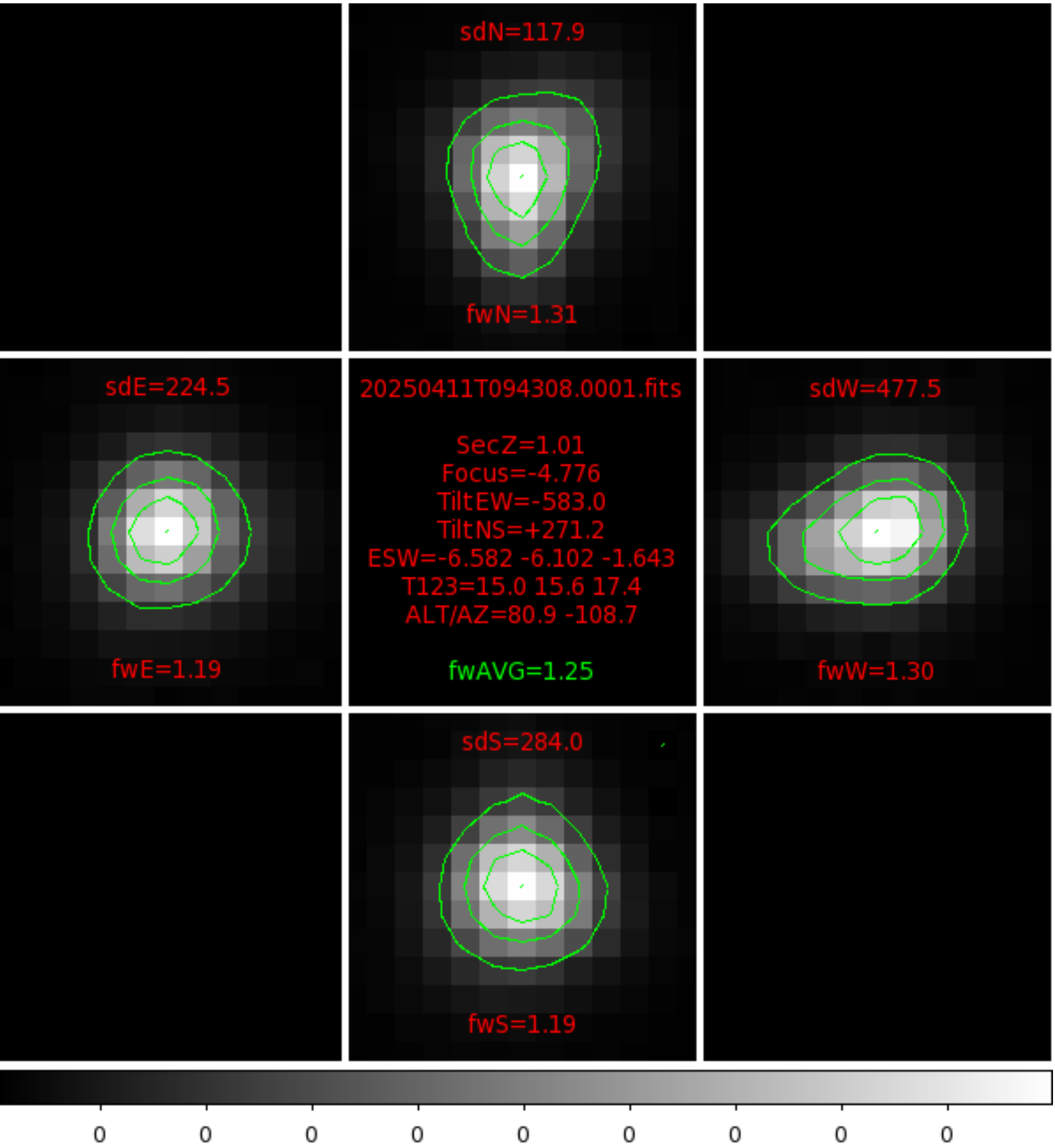
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sdE=224.5
fwE=1.19
20250411T094308.0001.fits
SecZ=1.01
Focus=-4.776
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.0 15.6 17.4
ALT/AZ=80.9 -108.7
fwAVG=1.25
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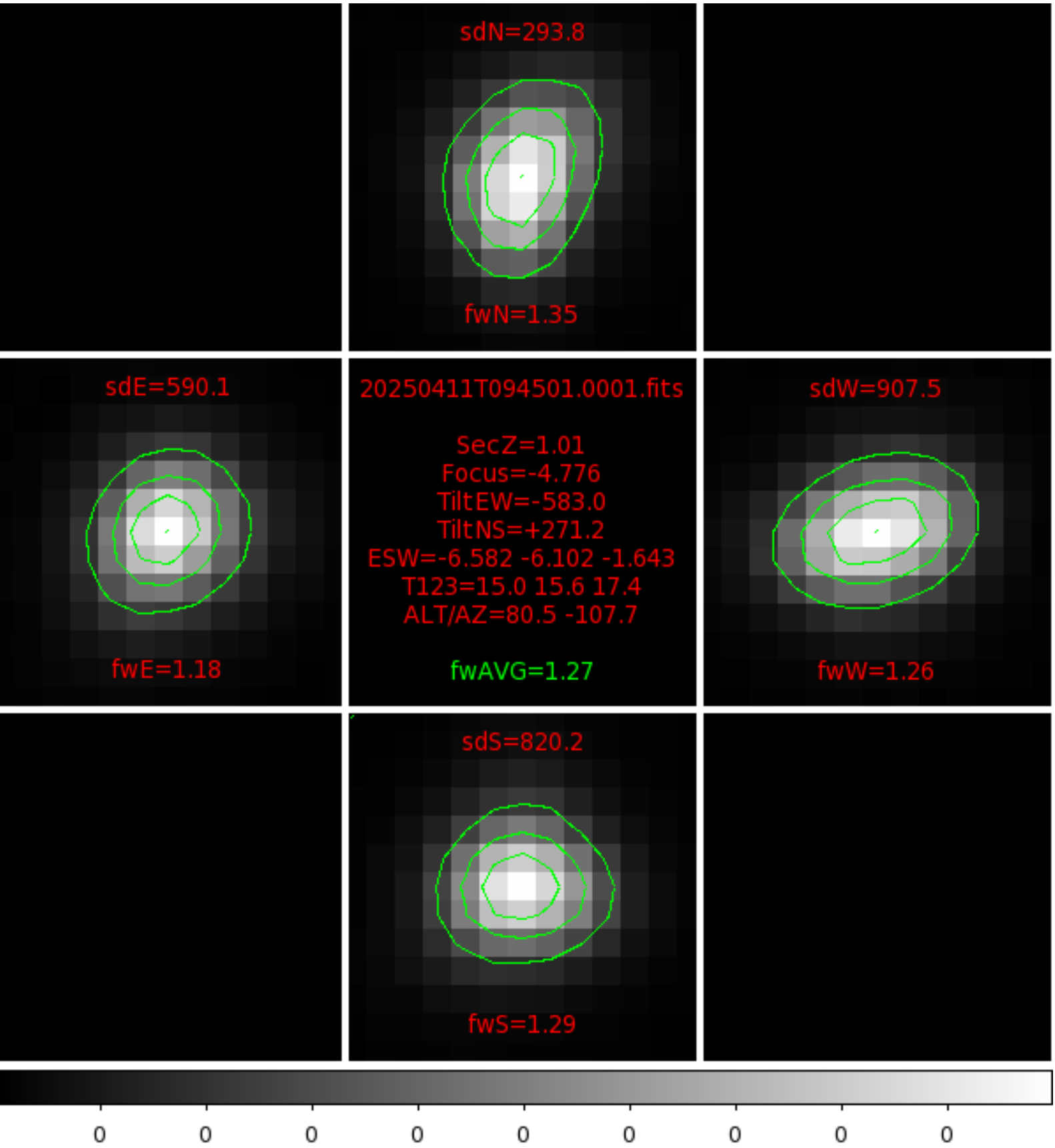
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sdE=590.1
fwE=1.18
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SecZ=1.01
Focus=-4.776
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.0 15.6 17.4
ALT/AZ=80.5 -107.7
fwAVG=1.27
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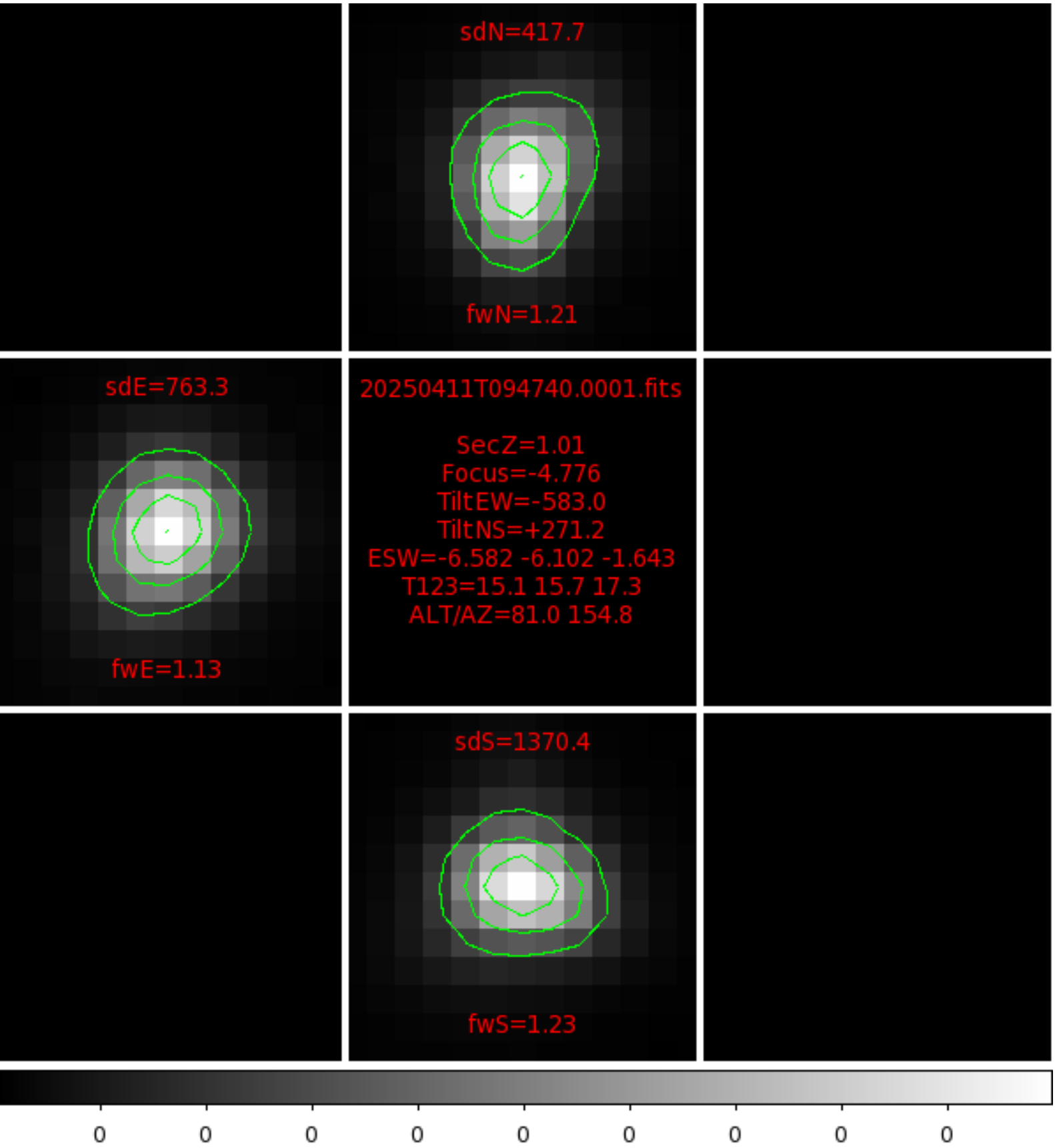
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20250411T094740.0001.fits
SecZ=1.01
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.582 -6.102 -1.643
T123=15.1 15.7 17.3
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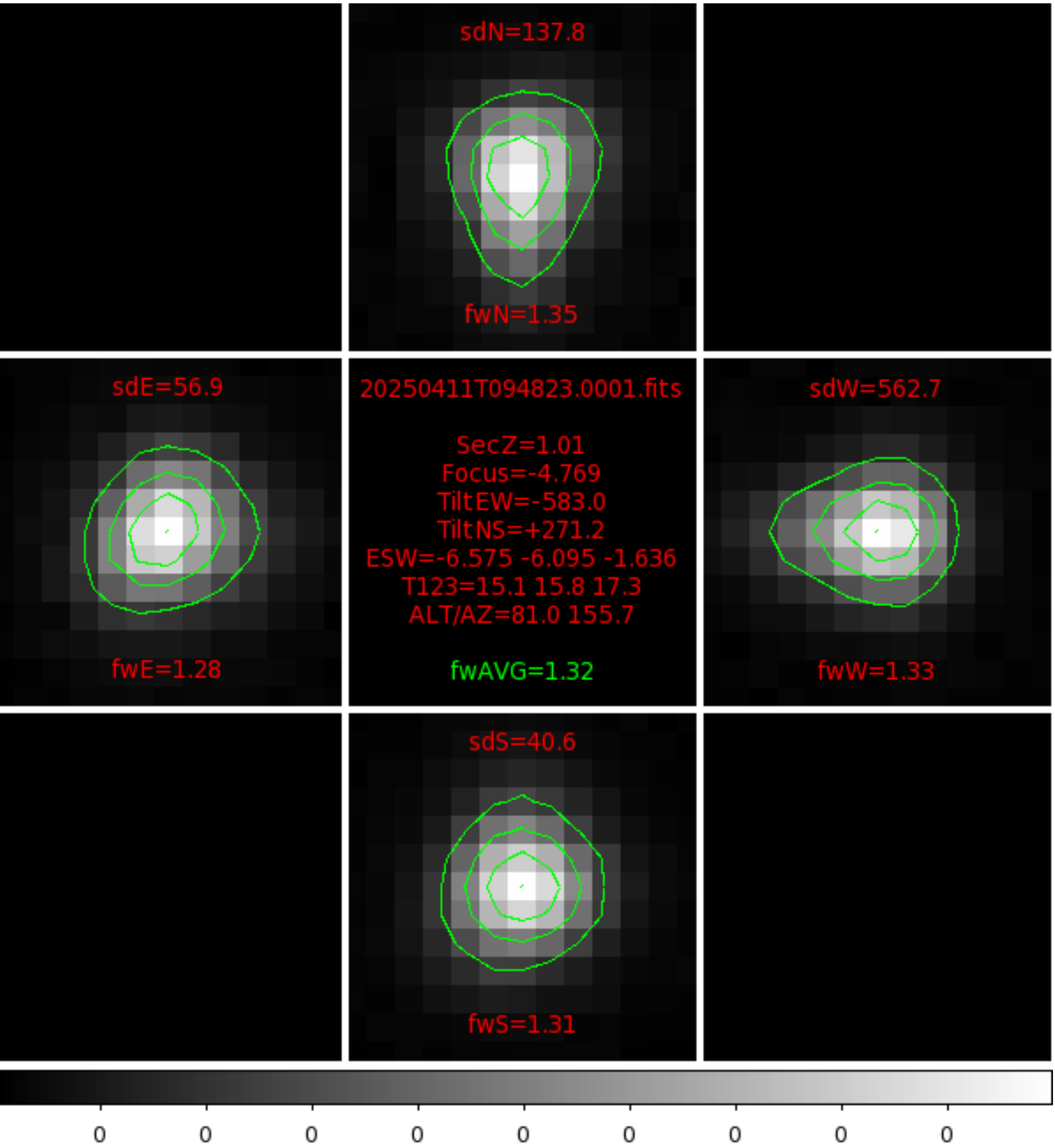
sdN=137.8
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sdE=56.9
fwE=1.28
20250411T094823.0001.fits
SecZ=1.01
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.8 17.3
ALT/AZ=81.0 155.7
fwAVG=1.32
sdW=562.7
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sdS=40.6
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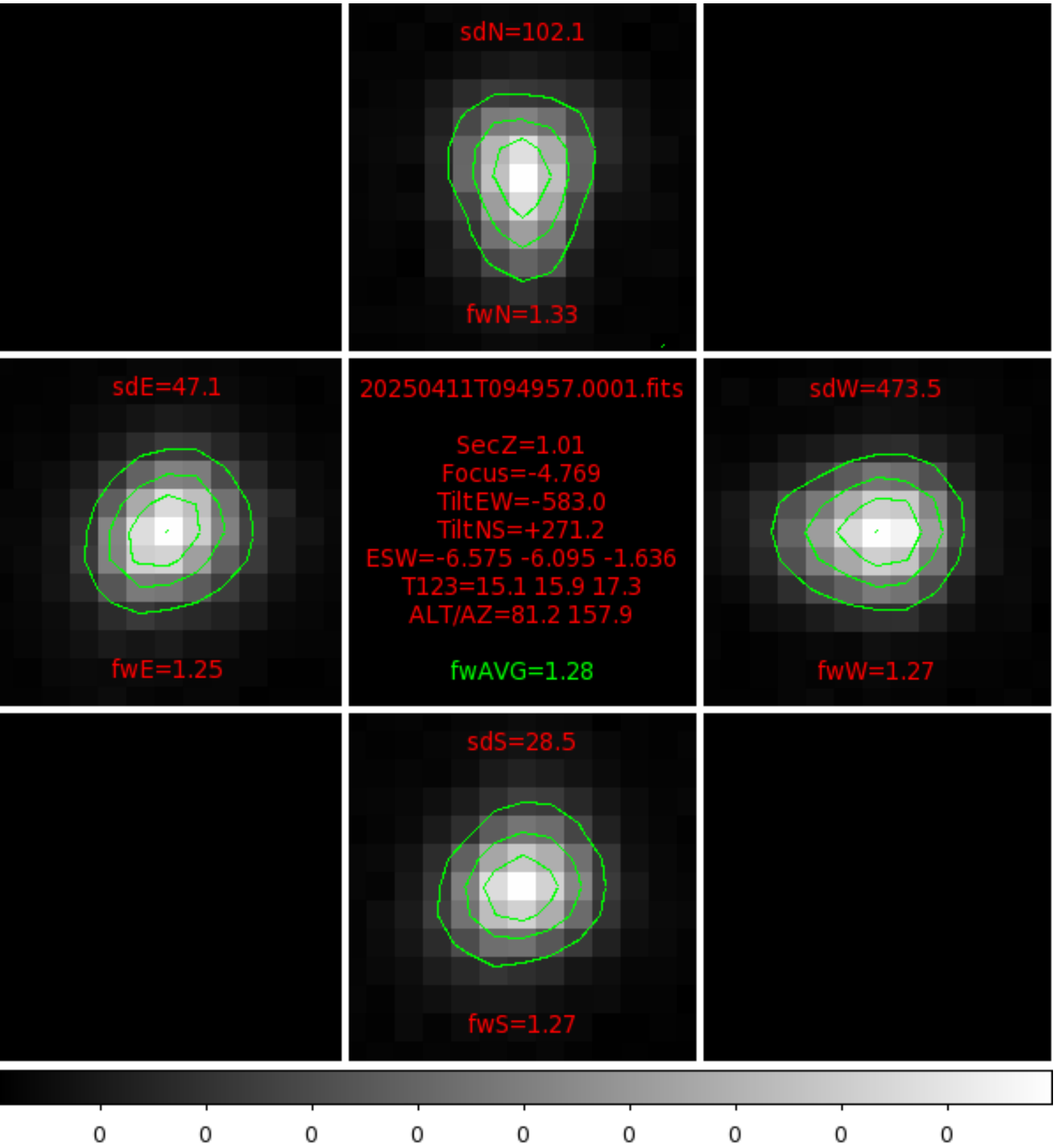
sdN=102.1
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20250411T094957.0001.fits
SecZ=1.01
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.9 17.3
ALT/AZ=81.2 157.9
fwAVG=1.28
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sdS=28.5
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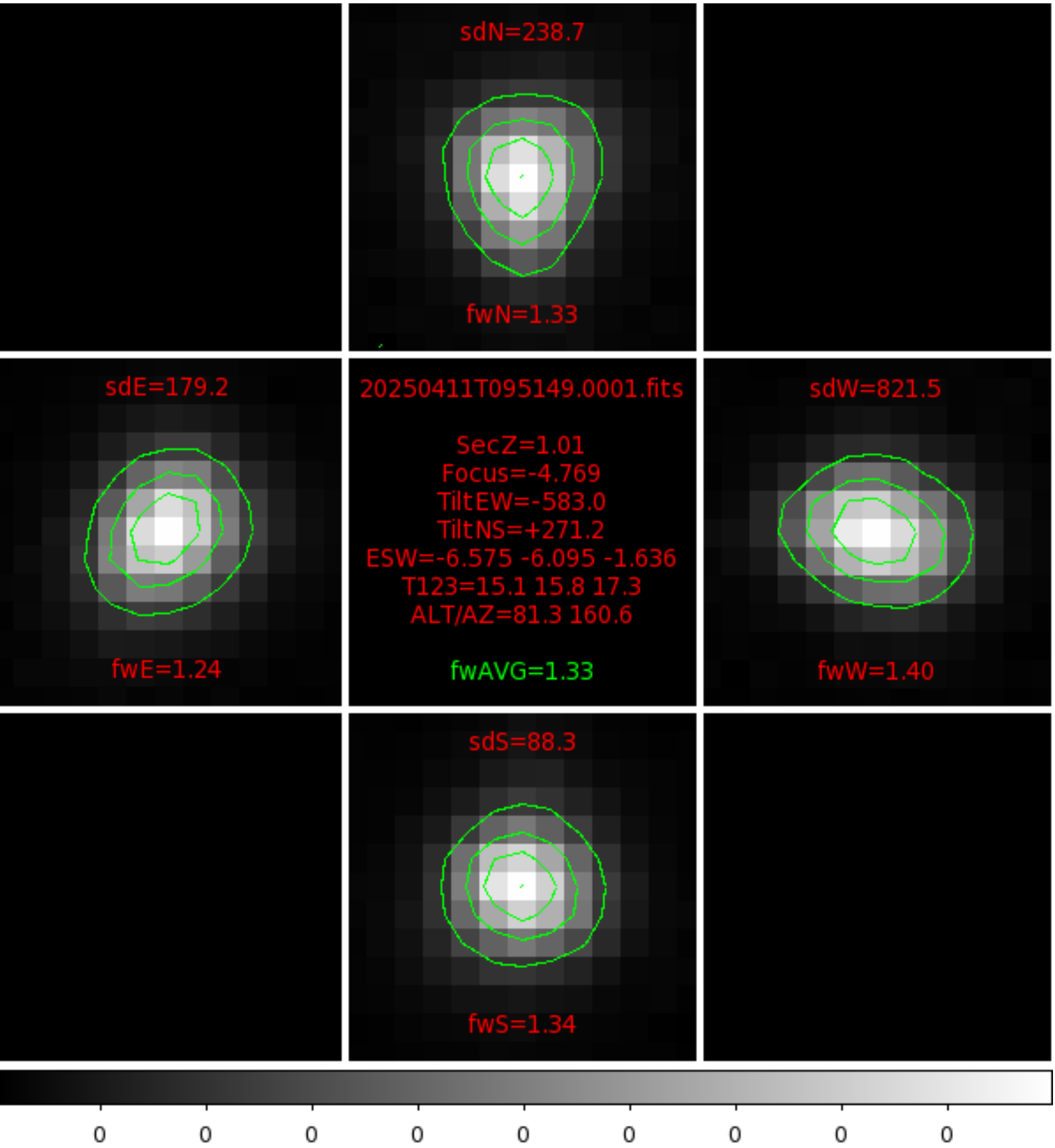
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sdE=179.2
fwE=1.24
20250411T095149.0001.fits
SecZ=1.01
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.8 17.3
ALT/AZ=81.3 160.6
fwAVG=1.33
sdW=821.5
fwW=1.40
sdS=88.3
fwS=1.34
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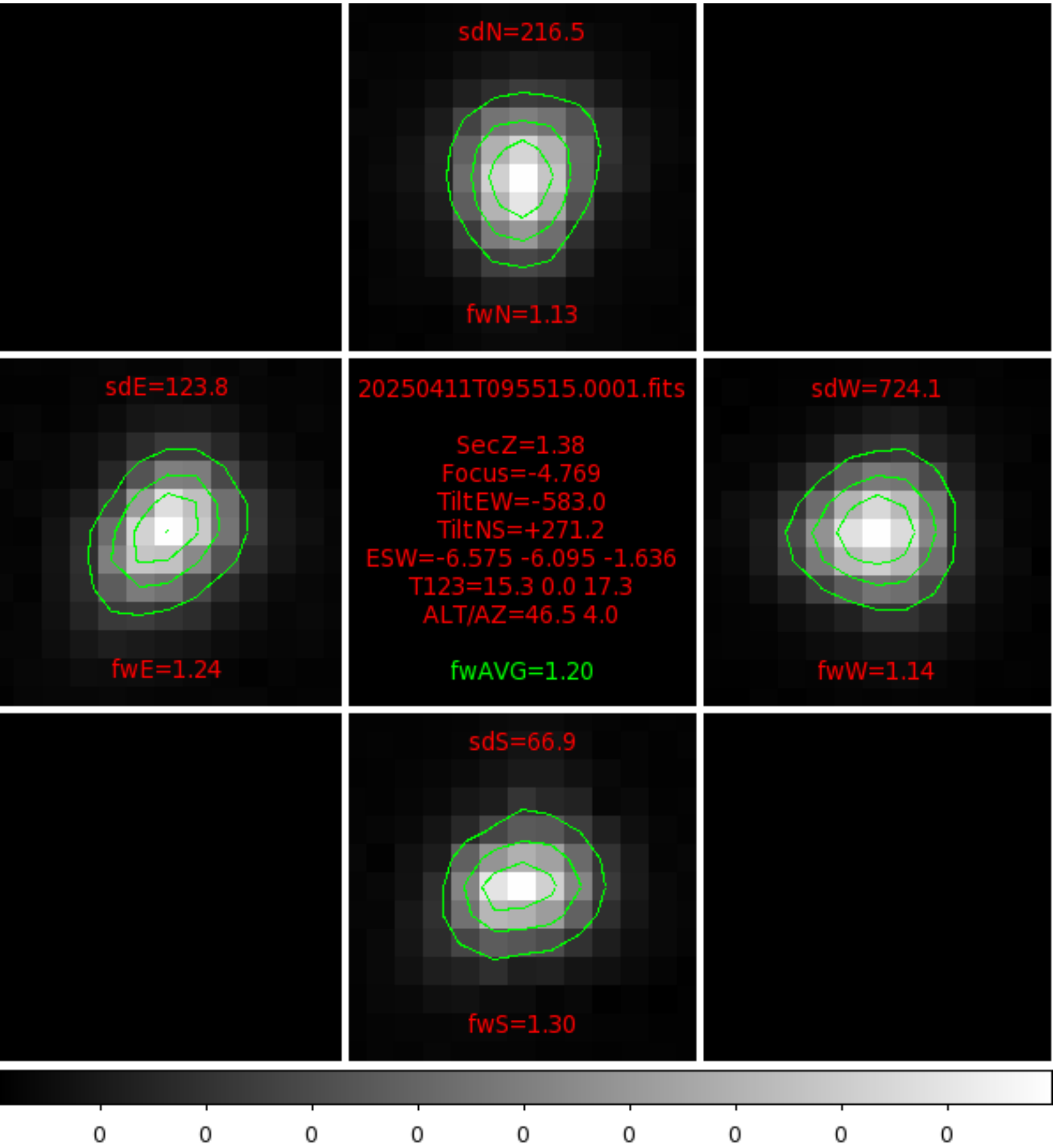
sdN=216.5
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sdE=123.8
fwE=1.24
20250411T095515.0001.fits
SecZ=1.38
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.3 0.0 17.3
ALT/AZ=46.5 4.0
fwAVG=1.20
sdW=724.1
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sdS=66.9
fwS=1.30
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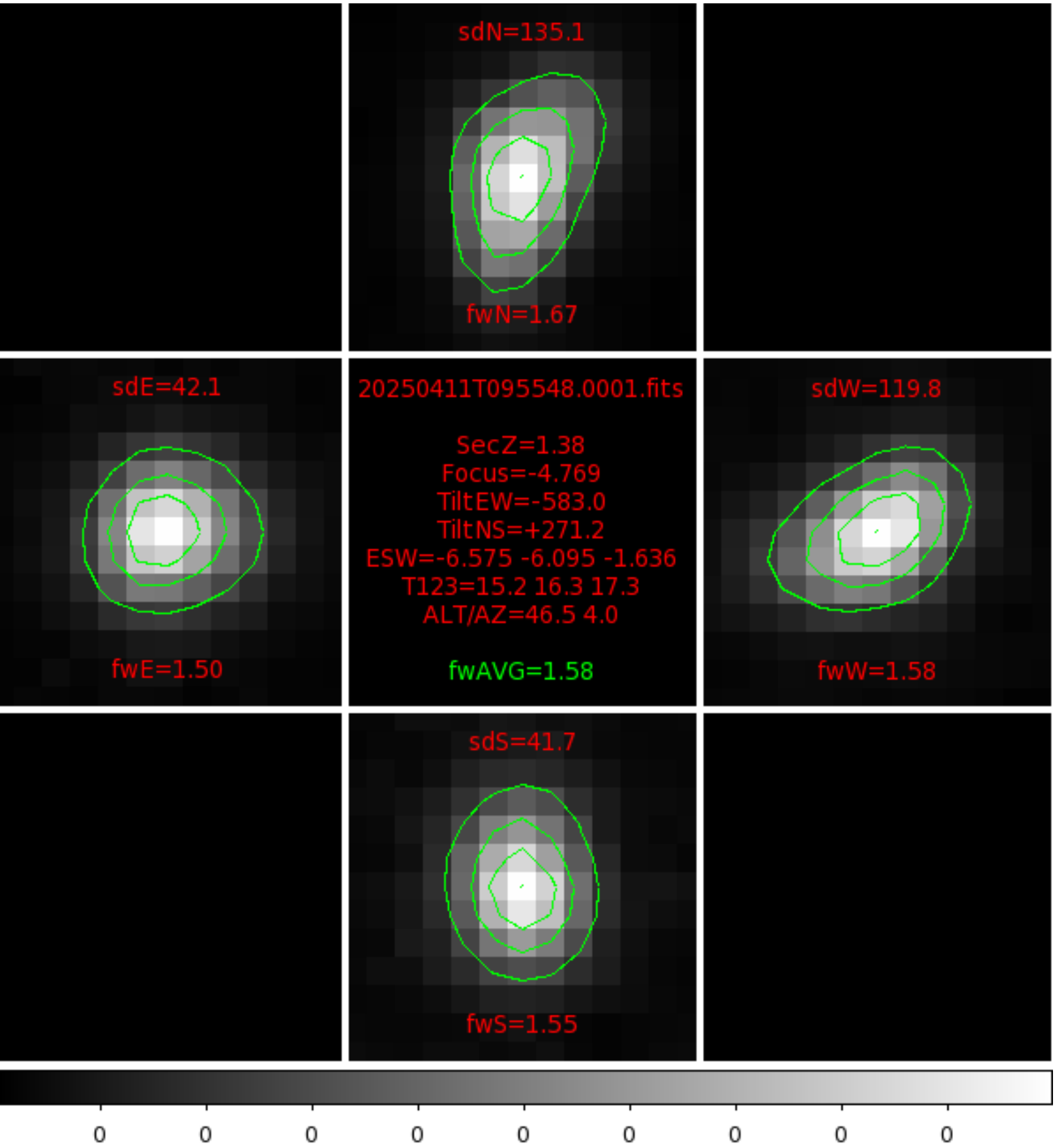
sdN=135.1
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sdE=42.1
fwE=1.50
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SecZ=1.38
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.2 16.3 17.3
ALT/AZ=46.5 4.0
fwAVG=1.58
sdW=119.8
fwW=1.58
sdS=41.7
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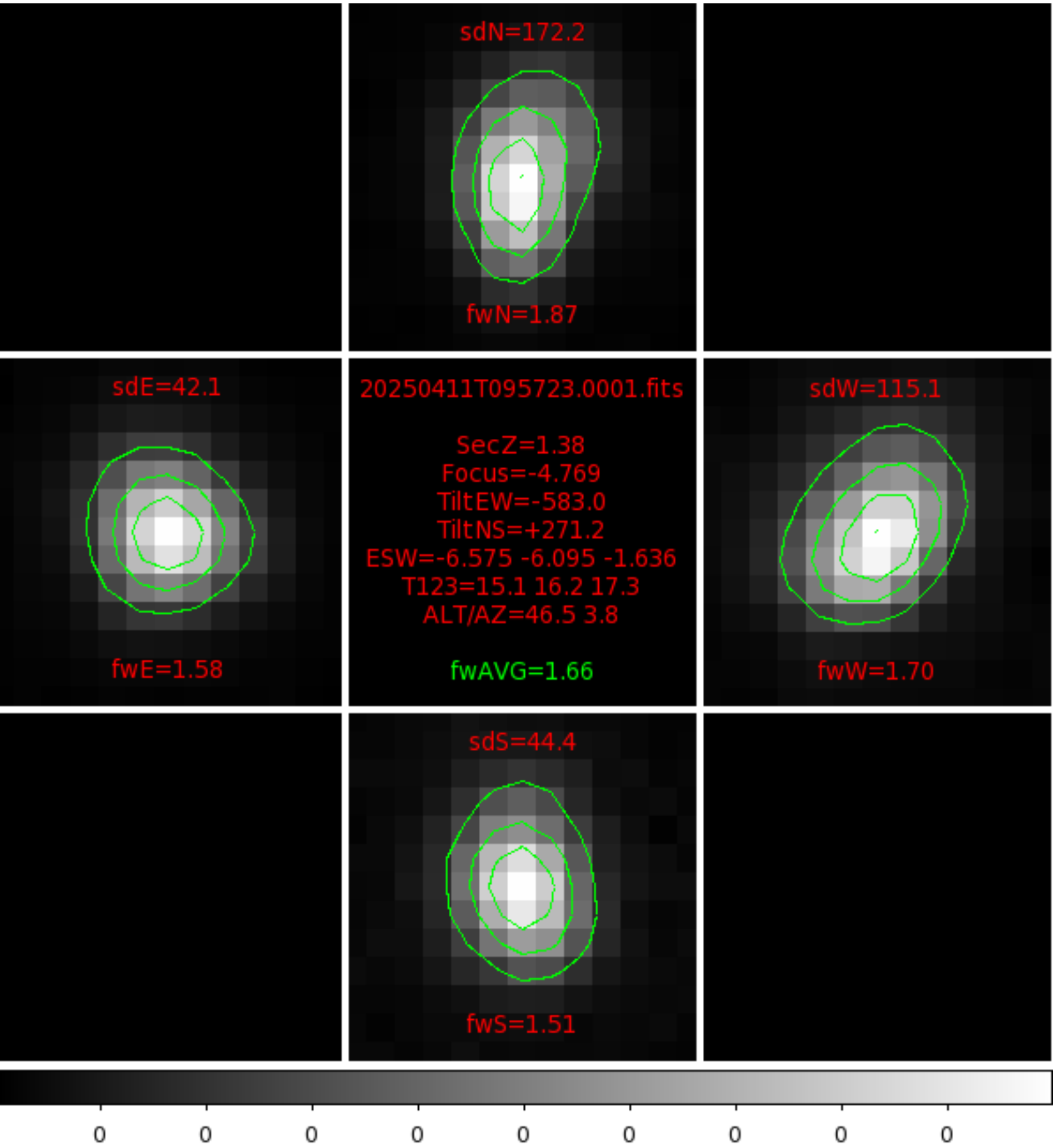
sdN=172.2
fwN=1.87
sdE=42.1
fwE=1.58
20250411T095723.0001.fits
SecZ=1.38
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 16.2 17.3
ALT/AZ=46.5 3.8
fwAVG=1.66
sdW=115.1
fwW=1.70
sdS=44.4
fwS=1.51
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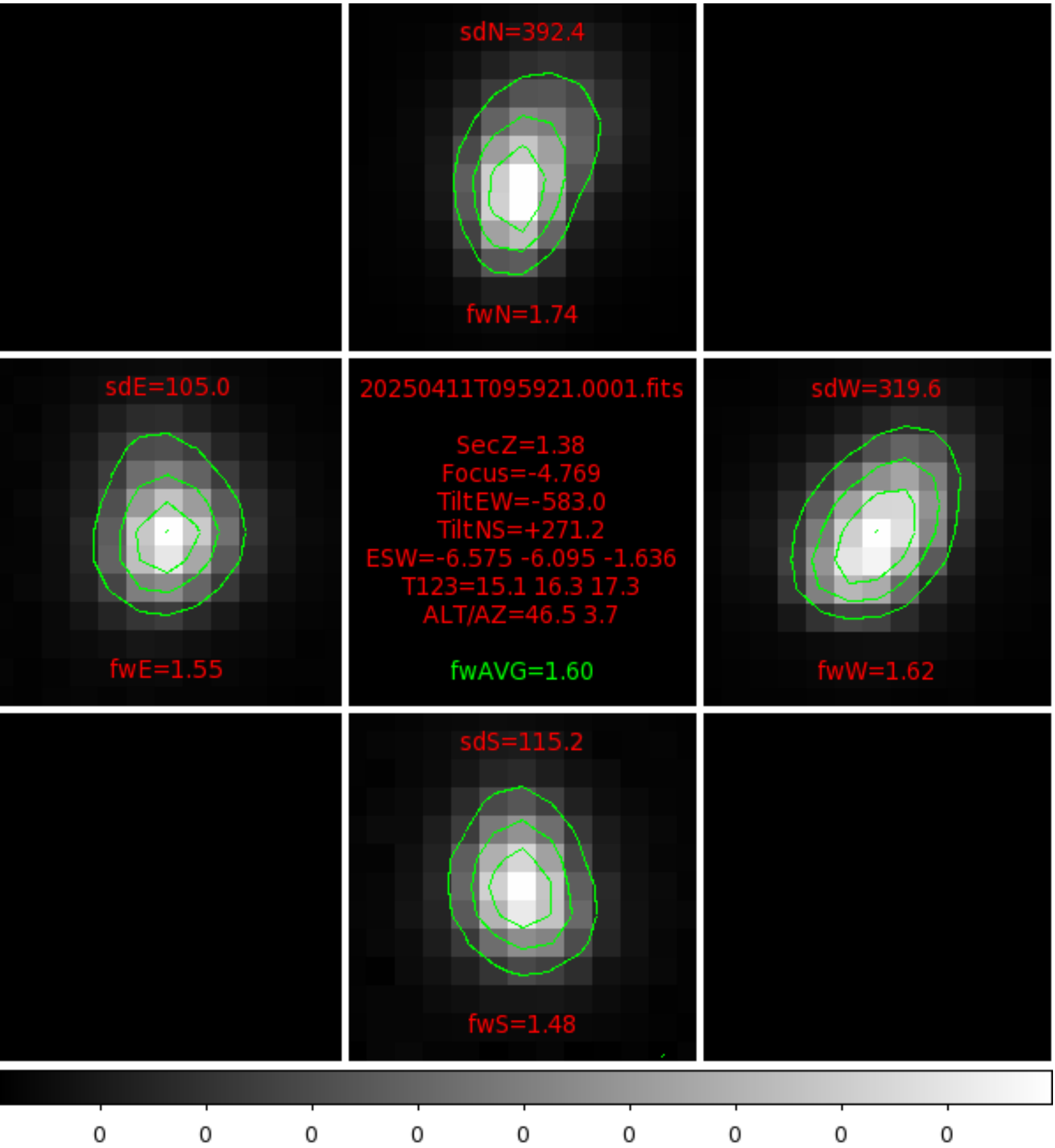
sdN=392.4
fwN=1.74
sdE=105.0
fwE=1.55
20250411T095921.0001.fits
SecZ=1.38
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 16.3 17.3
ALT/AZ=46.5 3.7
fwAVG=1.60
sdW=319.6
fwW=1.62
sdS=115.2
fwS=1.48
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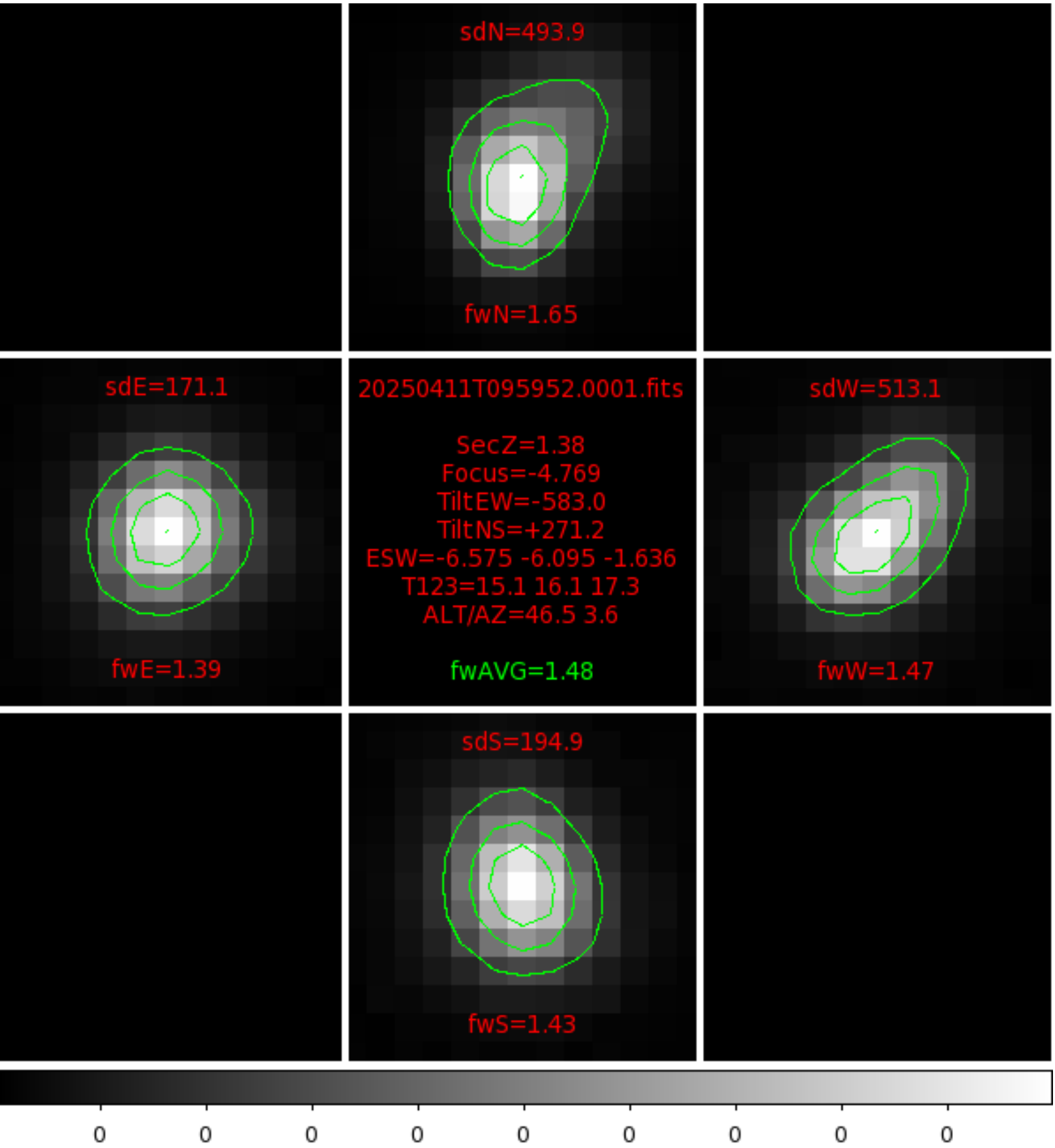
sdN=493.9
fwN=1.65
sdE=171.1
fwE=1.39
20250411T095952.0001.fits
SecZ=1.38
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 16.1 17.3
ALT/AZ=46.5 3.6
fwAVG=1.48
sdW=513.1
fwW=1.47
sdS=194.9
fwS=1.43
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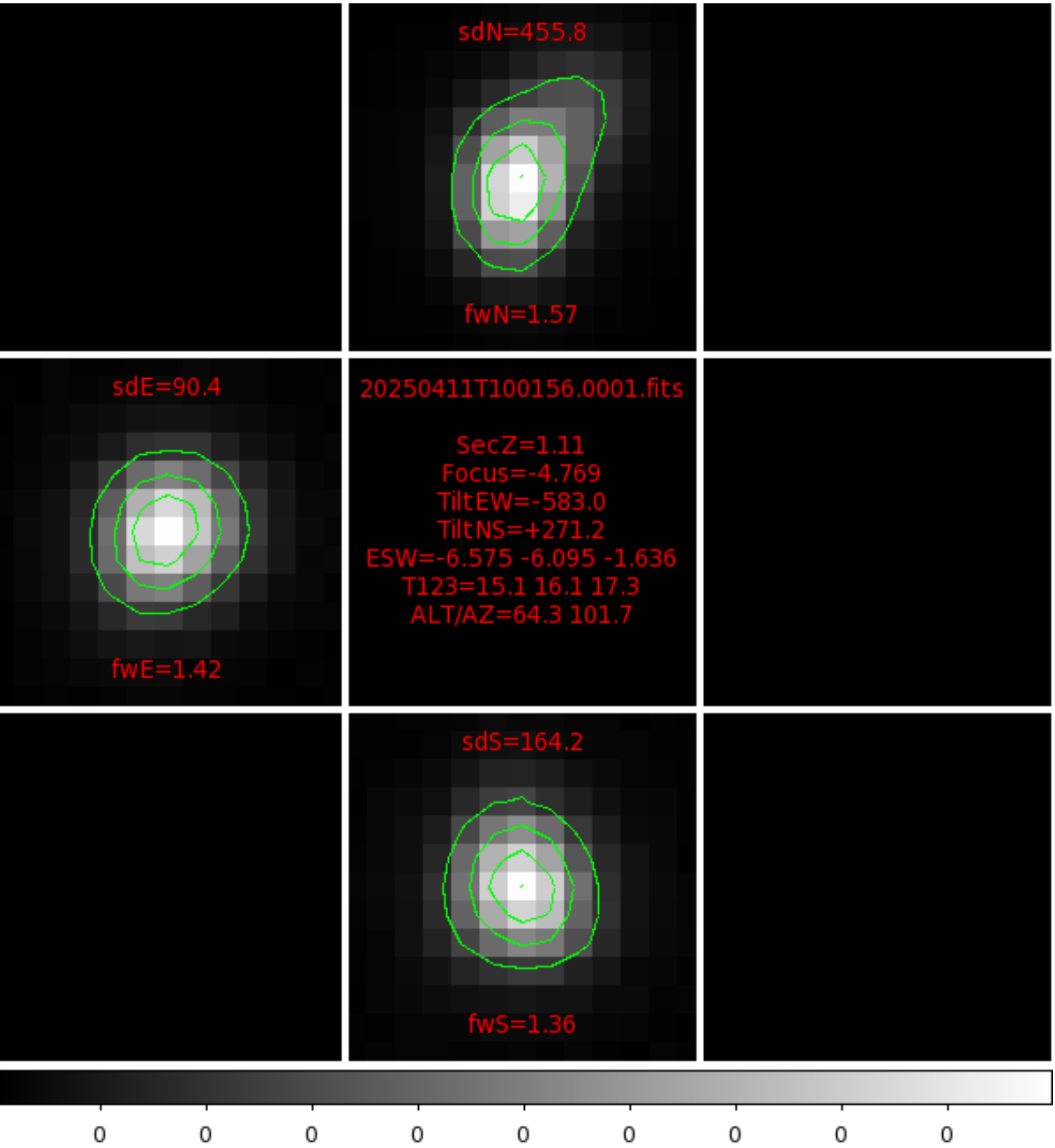
sdN=455.8
fwN=1.57
sdE=90.4
fwE=1.42
20250411T100156.0001.fits
SecZ=1.11
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 16.1 17.3
ALT/AZ=64.3 101.7
sdS=164.2
fwS=1.36
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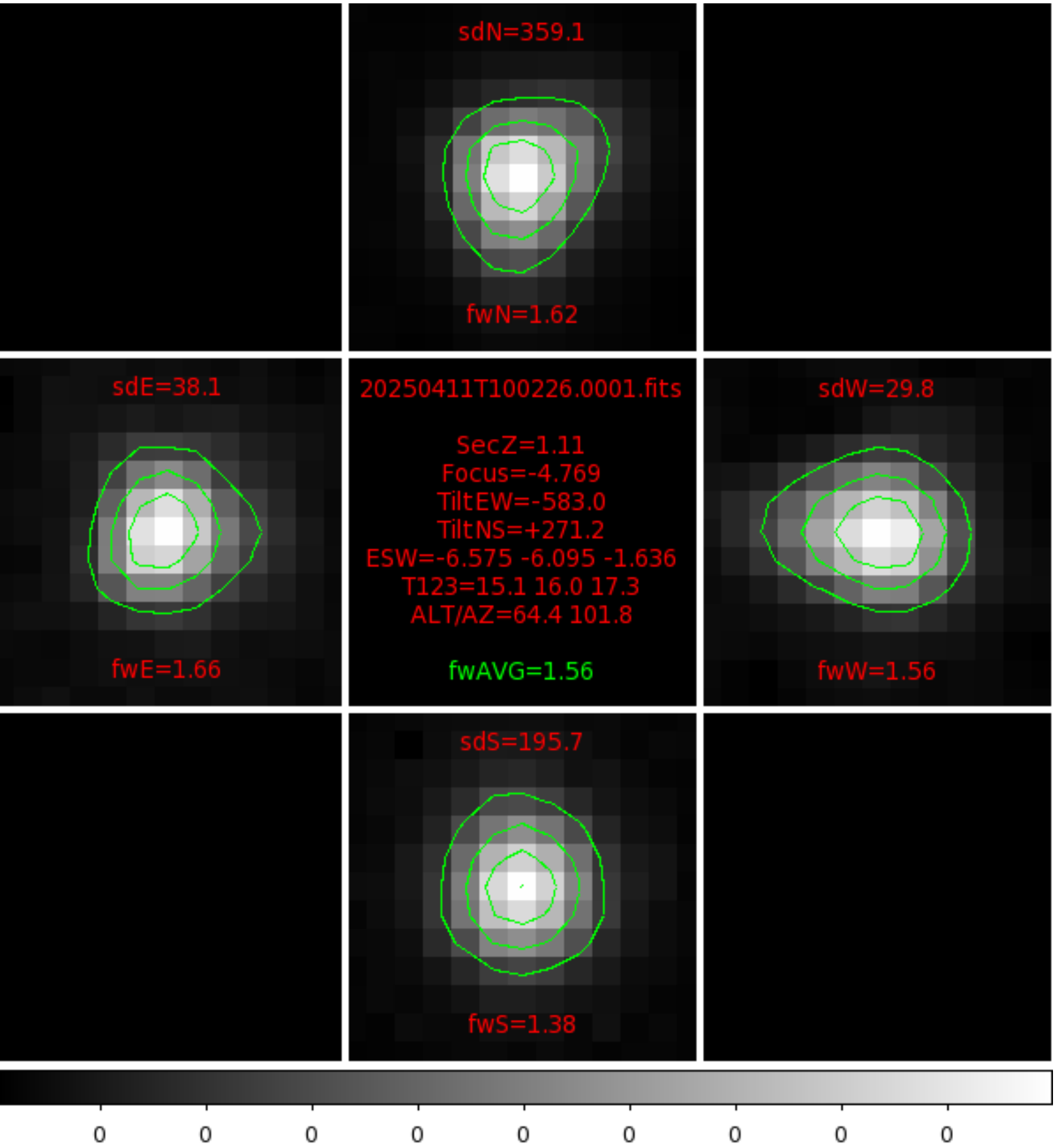
sdN=359.1
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SecZ=1.11
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 16.0 17.3
ALT/AZ=64.4 101.8
fwAVG=1.56
sdW=29.8
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sdS=195.7
fwS=1.38
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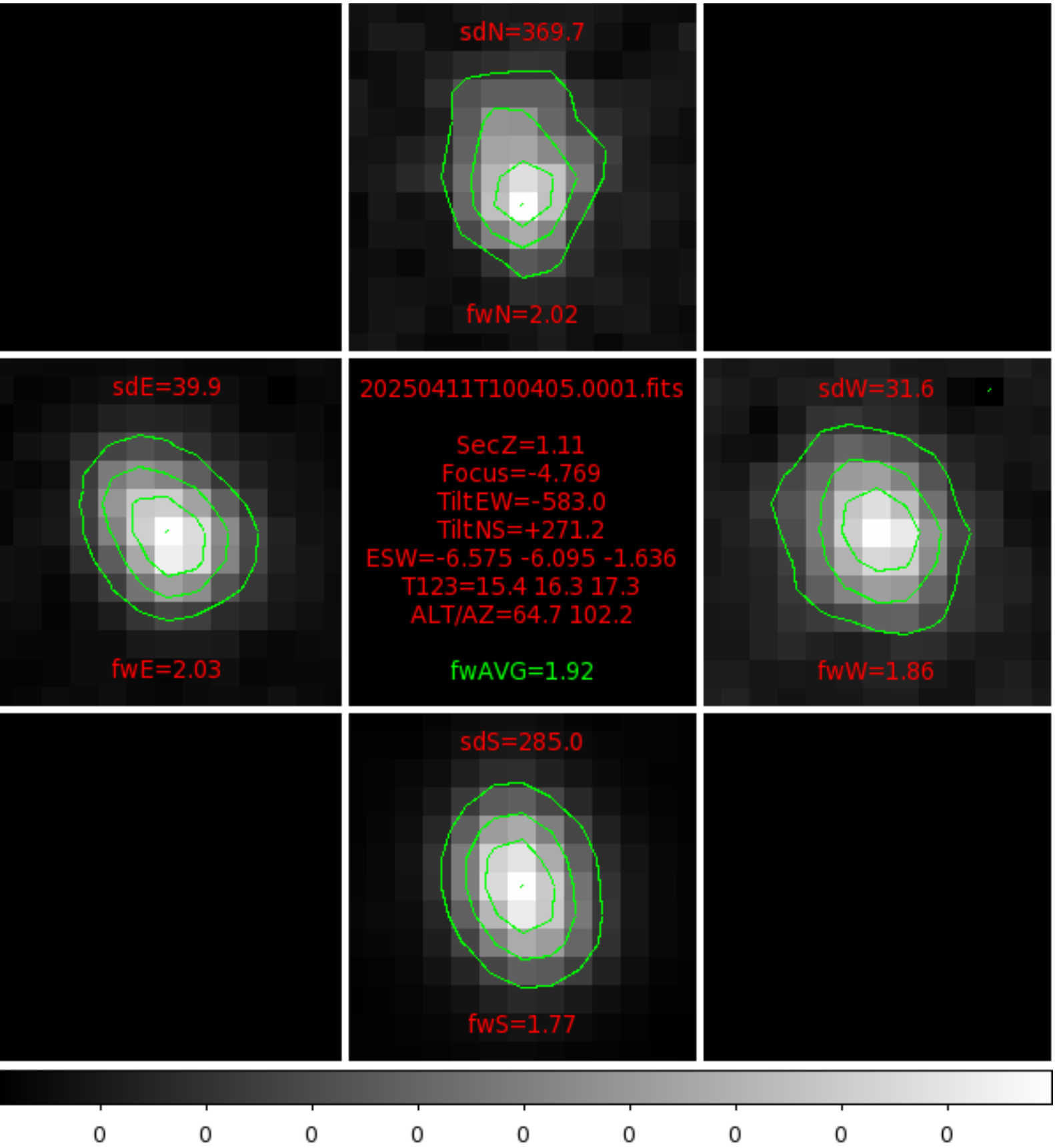
sdN=369.7
fwN=2.02
sdE=39.9
fwE=2.03
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SecZ=1.11
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.4 16.3 17.3
ALT/AZ=64.7 102.2
fwAVG=1.92
sdW=31.6
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sdS=285.0
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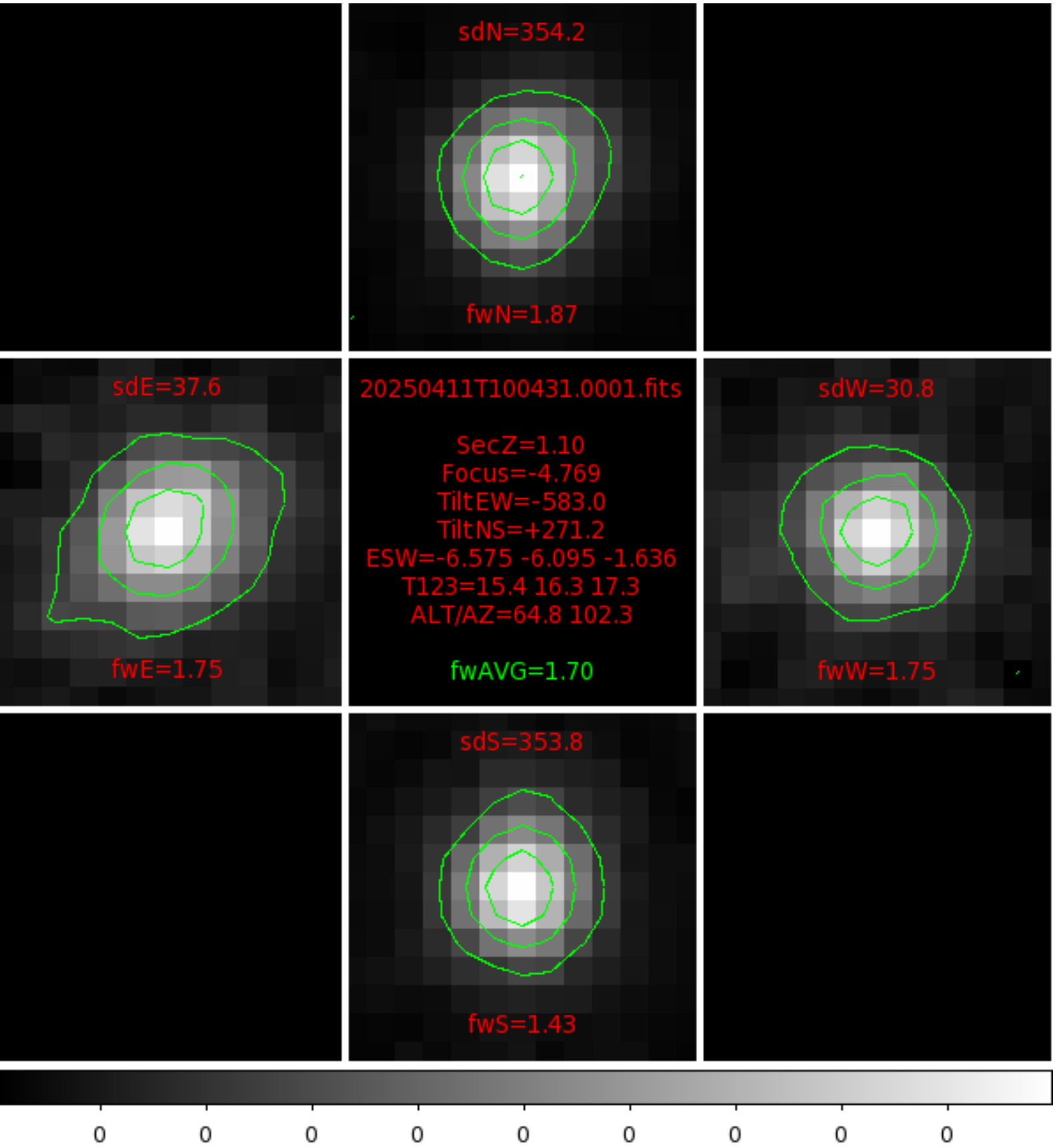
sdN=354.2
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sdE=37.6
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SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.4 16.3 17.3
ALT/AZ=64.8 102.3
fwAVG=1.70
sdW=30.8
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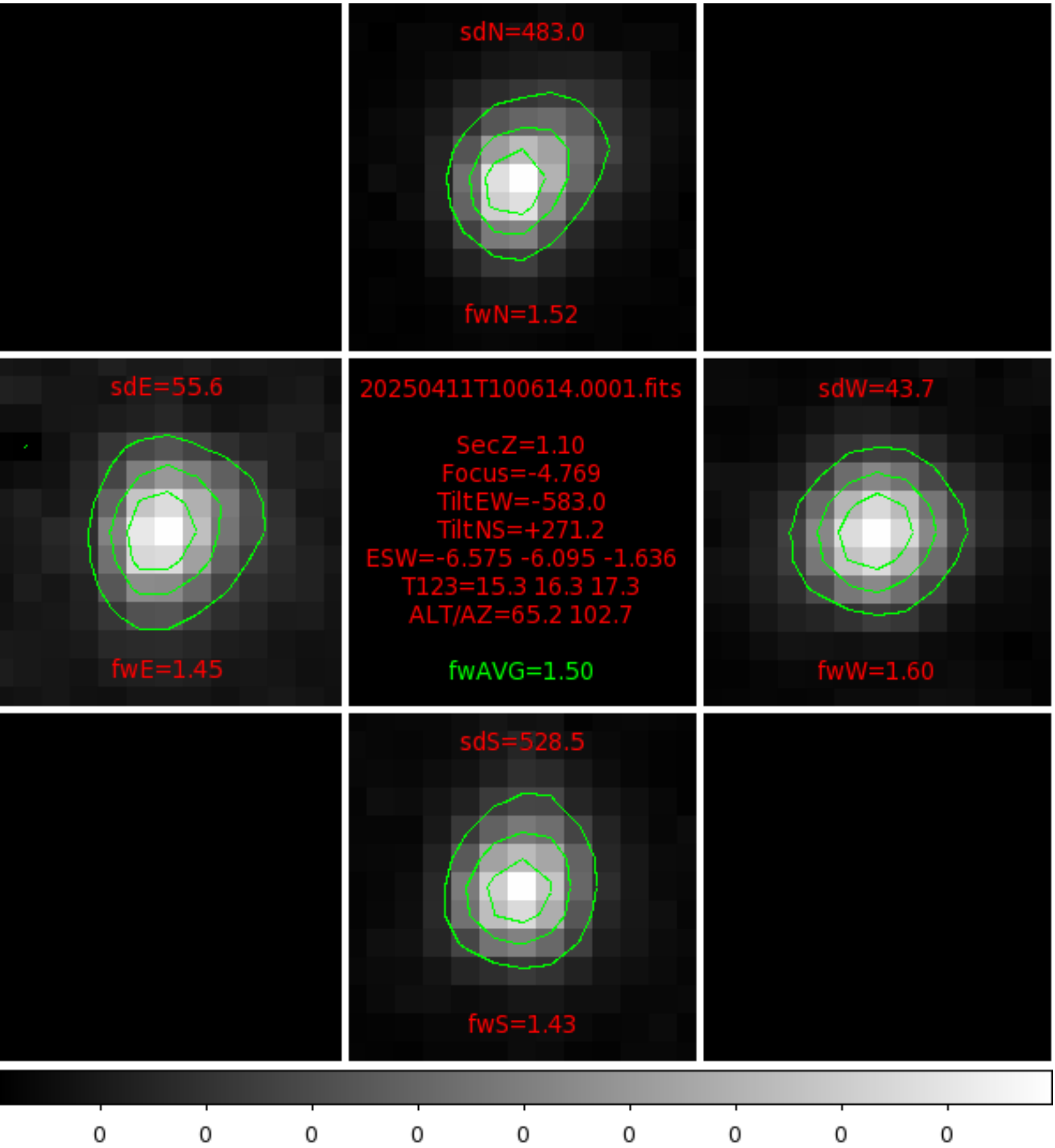
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SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.3 16.3 17.3
ALT/AZ=65.2 102.7
fwAVG=1.50
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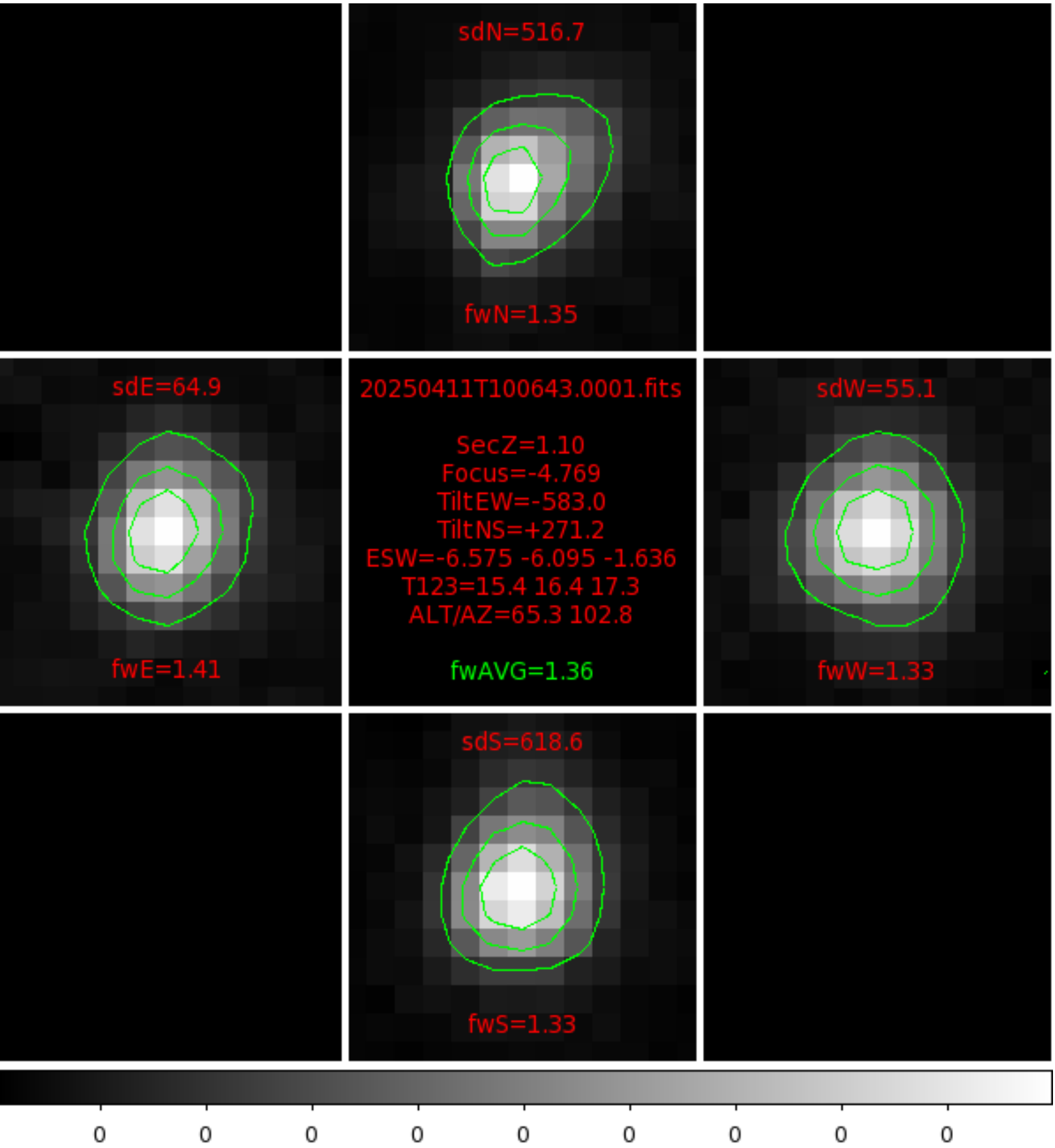
sdN=516.7
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sdE=64.9
fwE=1.41
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SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.4 16.4 17.3
ALT/AZ=65.3 102.8
fwAVG=1.36
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sdS=618.6
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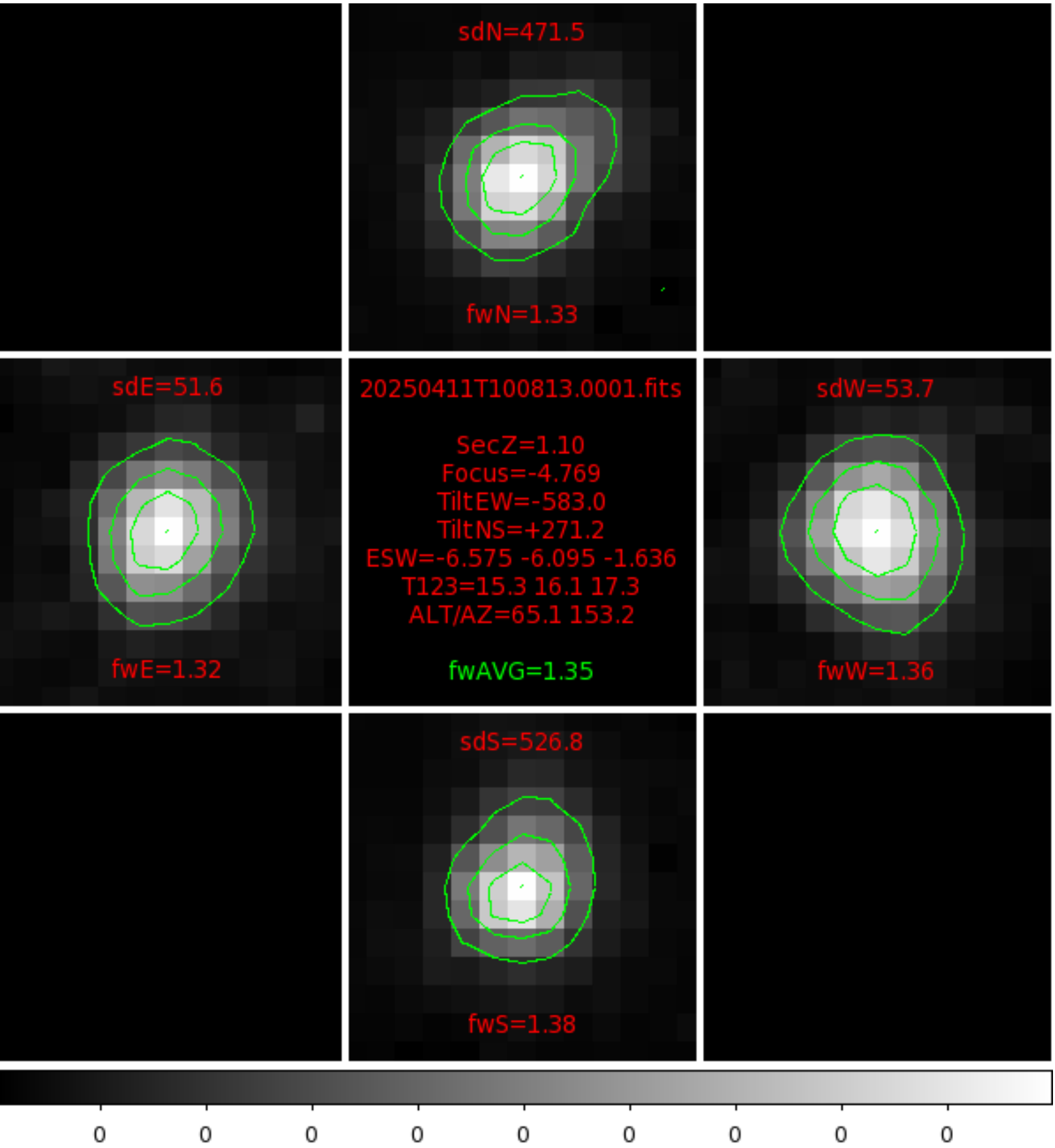
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sdE=51.6
fwE=1.32
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SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.3 16.1 17.3
ALT/AZ=65.1 153.2
fwAVG=1.35
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sdS=526.8
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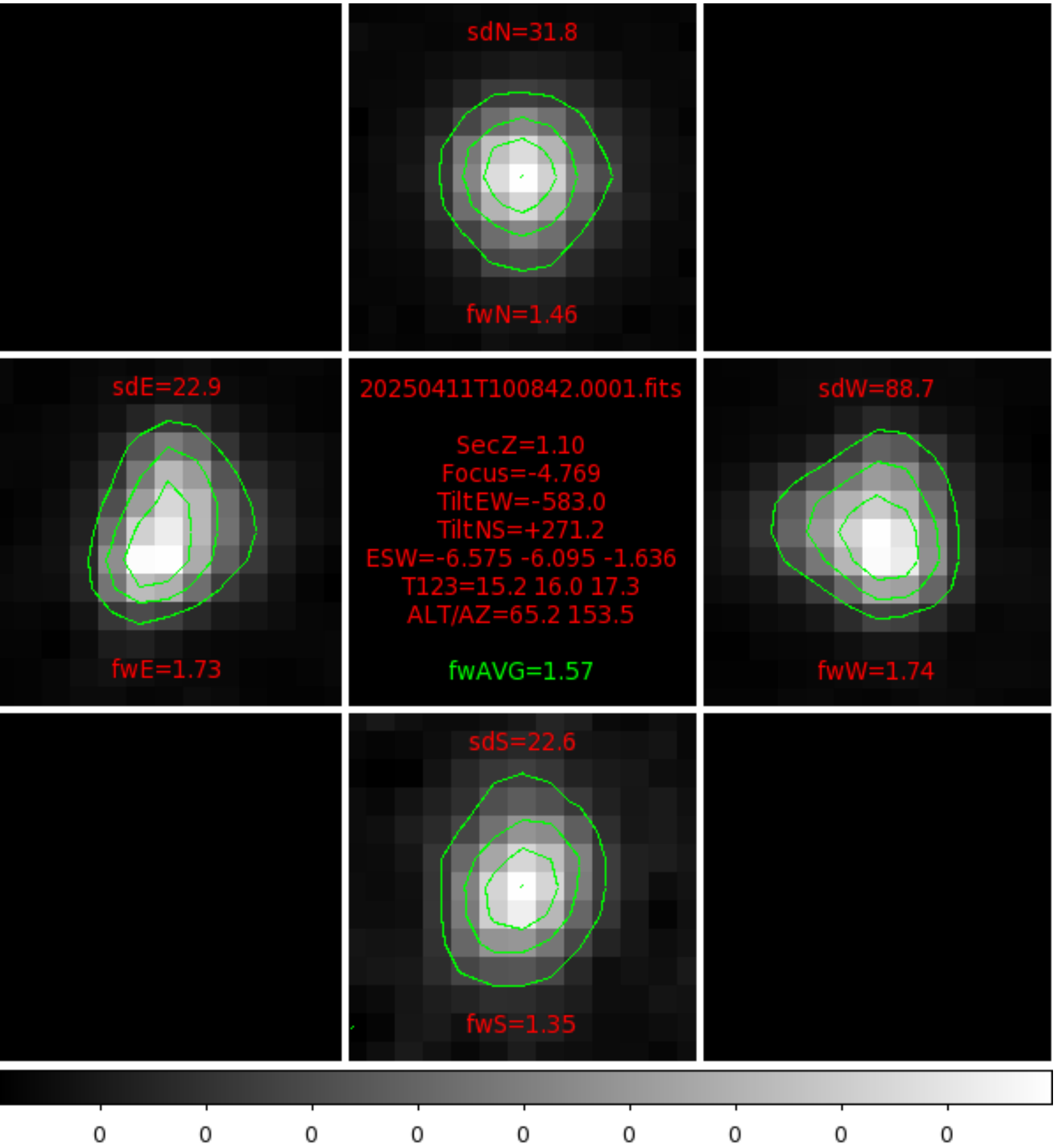
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SecZ=1.10
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.2 16.0 17.3
ALT/AZ=65.2 153.5
fwAVG=1.57
sdW=88.7
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sdS=22.6
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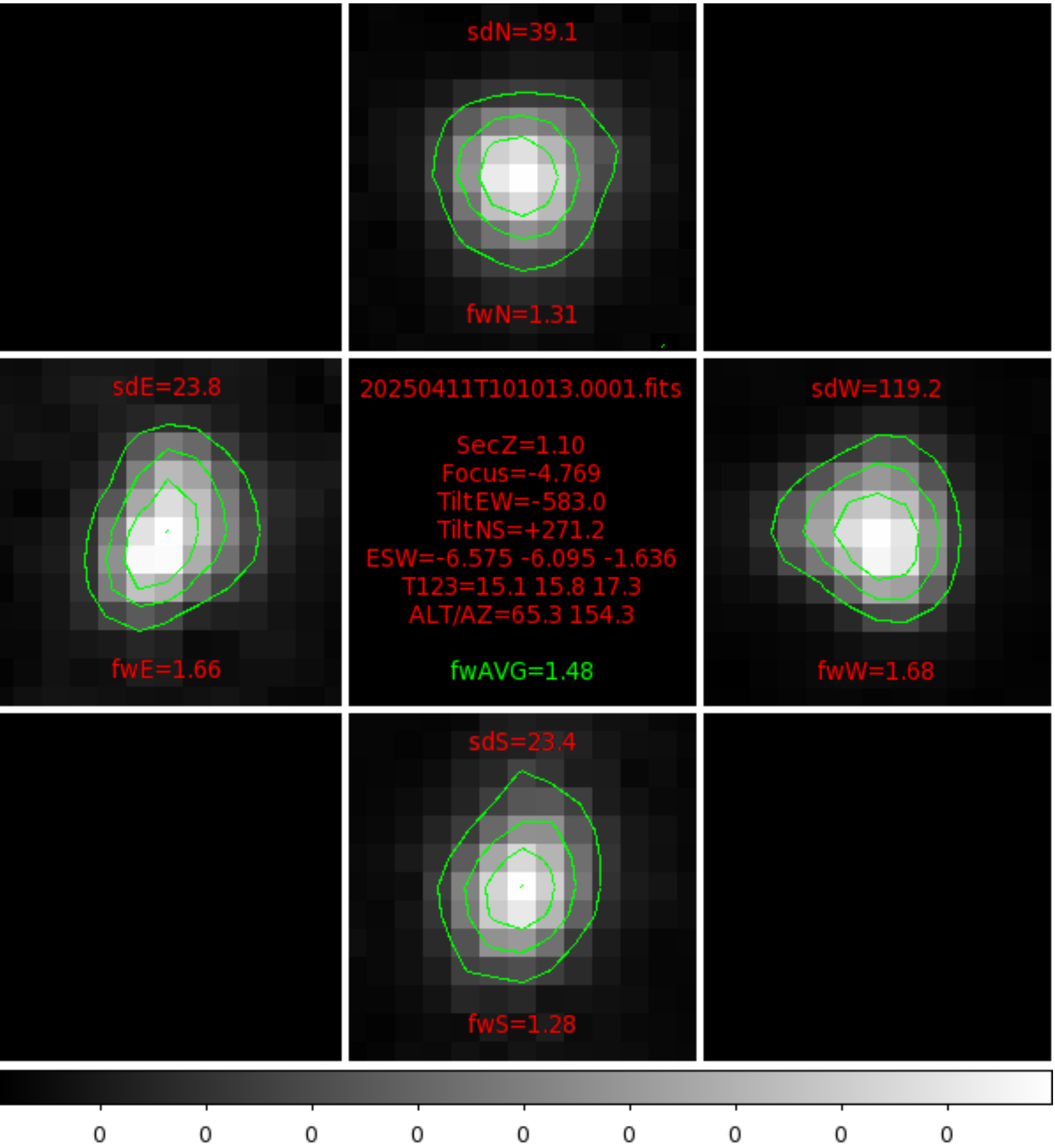
sdN=39.1
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sdE=23.8
fwE=1.66
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SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.8 17.3
ALT/AZ=65.3 154.3
fwAVG=1.48
sdW=119.2
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sdS=23.4
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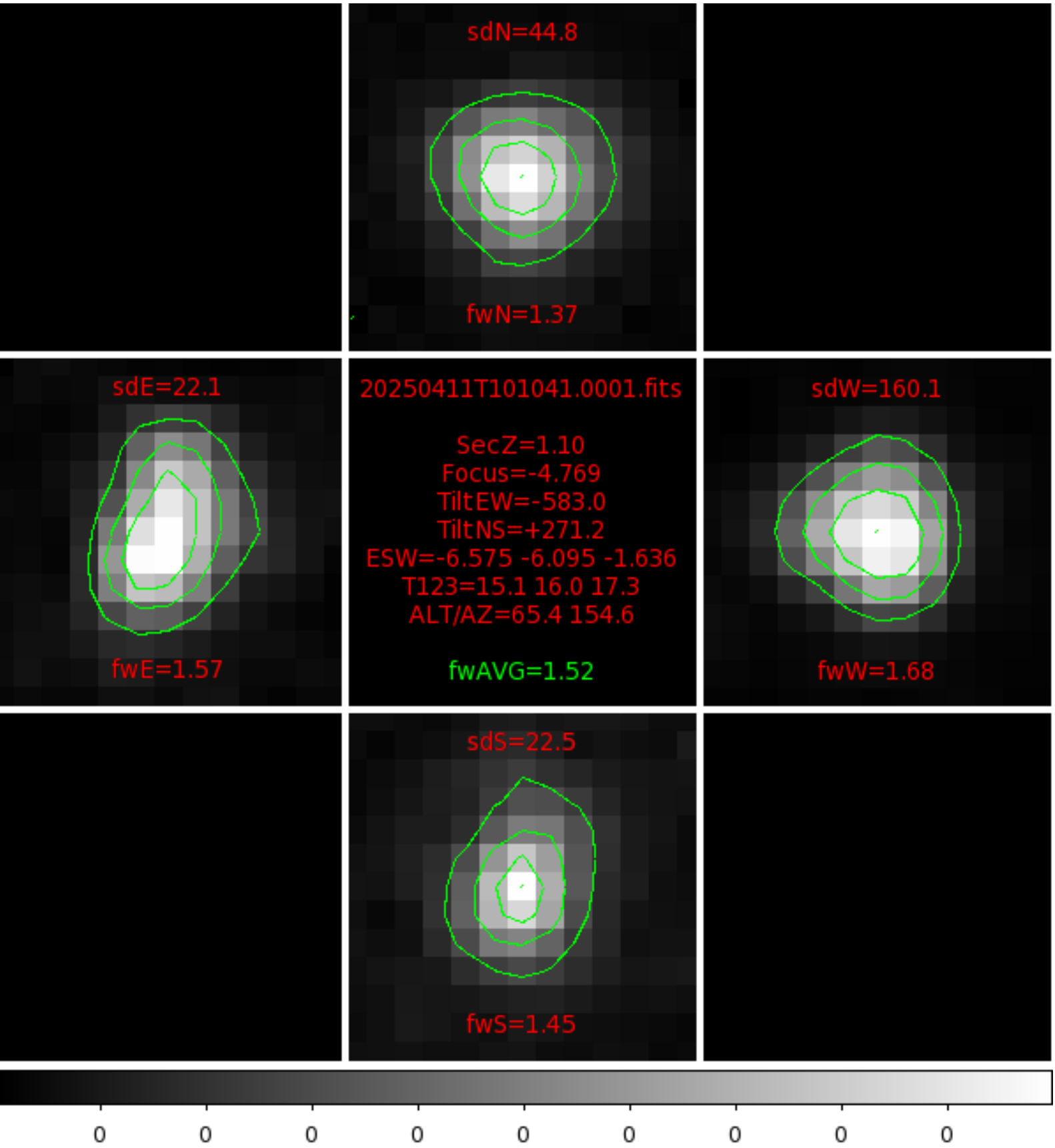
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sdE=22.1
fwE=1.57
20250411T101041.0001.fits
SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 16.0 17.3
ALT/AZ=65.4 154.6
fwAVG=1.52
sdW=160.1
fwW=1.68
sdS=22.5
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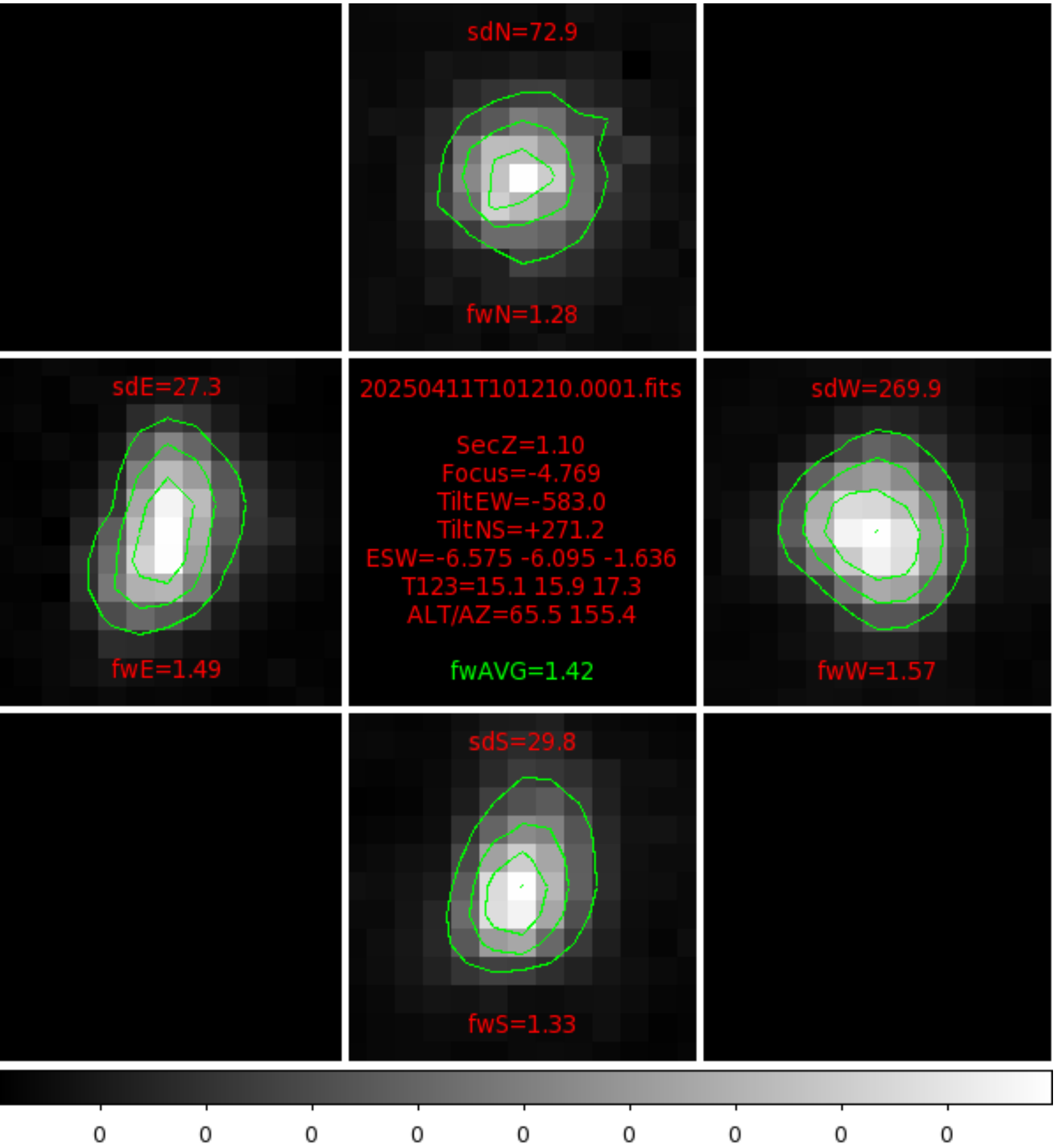
sdN=72.9
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sdE=27.3
fwE=1.49
20250411T101210.0001.fits
SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.9 17.3
ALT/AZ=65.5 155.4
fwAVG=1.42
sdW=269.9
fwW=1.57
sdS=29.8
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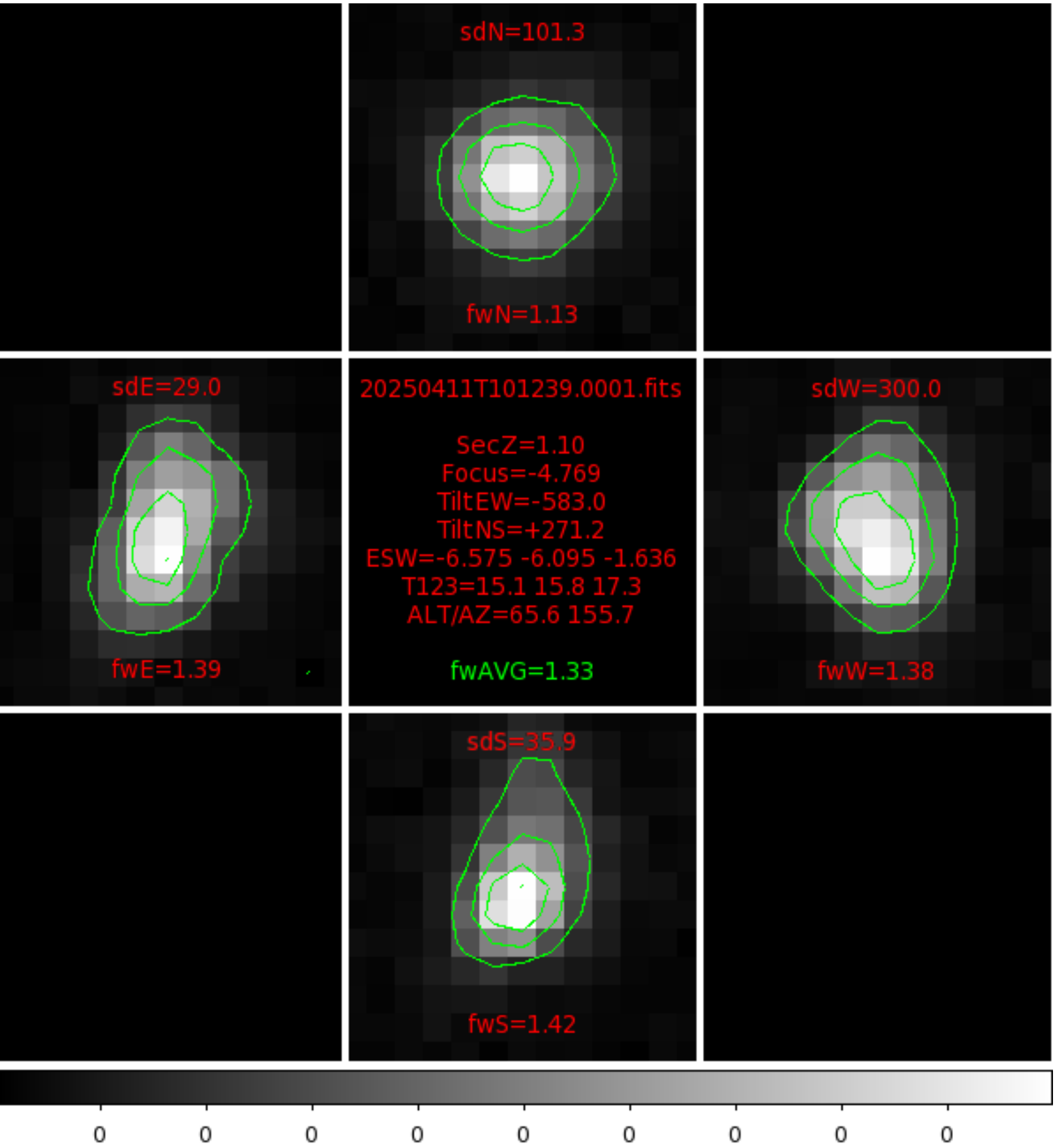
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fwN=1.13
sdE=29.0
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20250411T101239.0001.fits
SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.8 17.3
ALT/AZ=65.6 155.7
fwAVG=1.33
sdW=300.0
fwW=1.38
sdS=35.9
fwS=1.42
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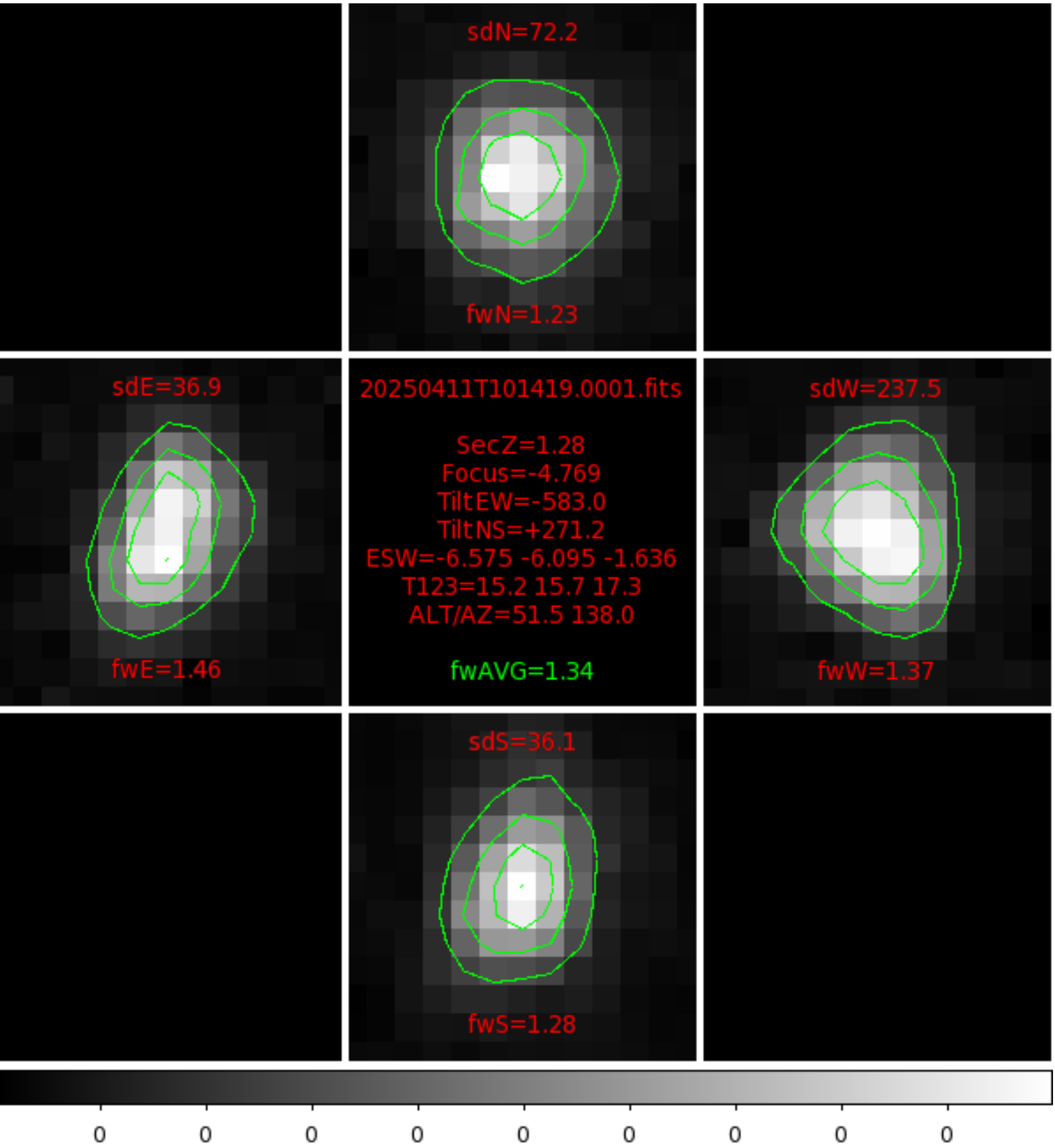
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.2 15.7 17.3
ALT/AZ=51.5 138.0
fwAVG=1.34
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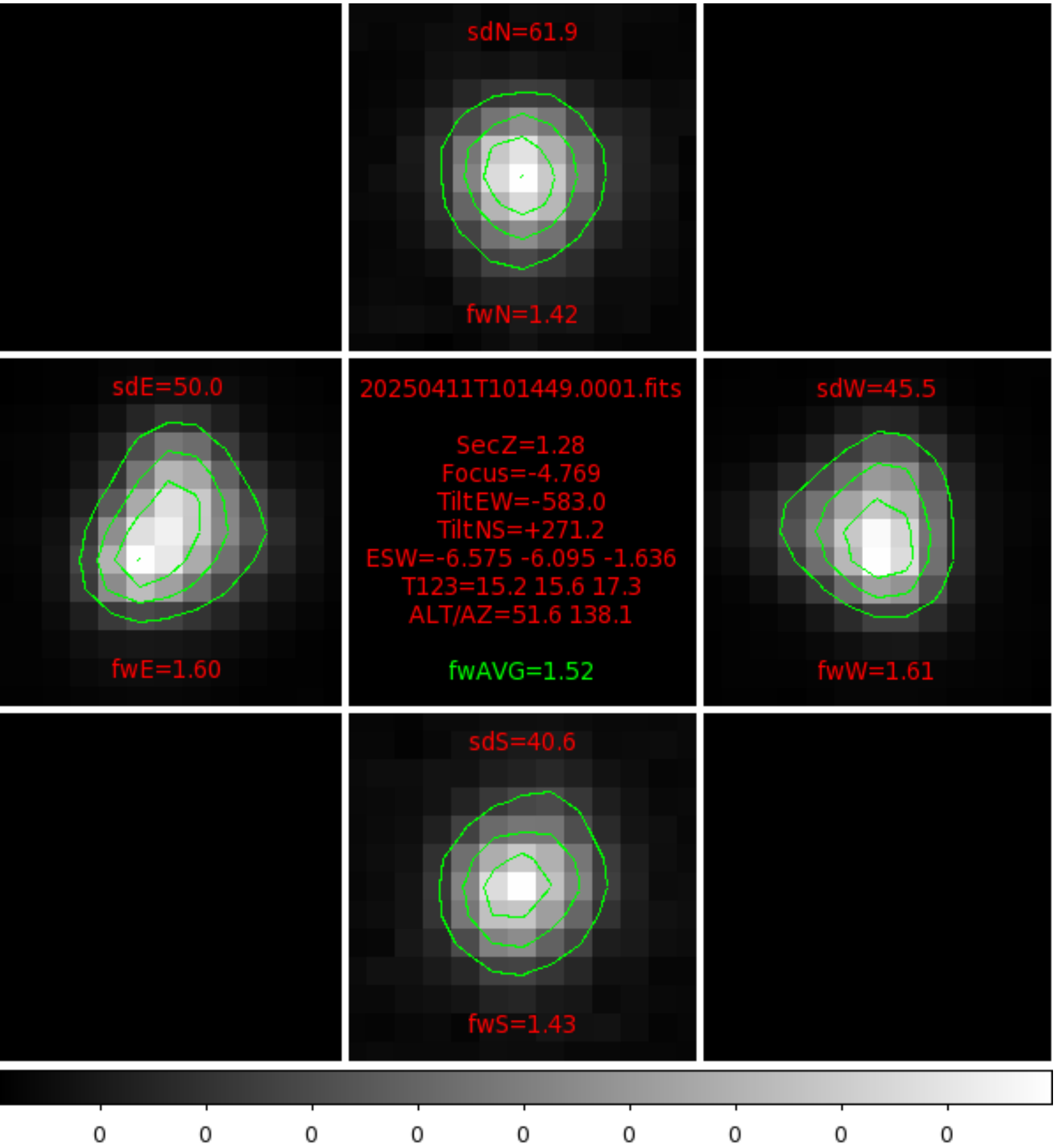
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20250411T101449.0001.fits
SecZ=1.28
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.2 15.6 17.3
ALT/AZ=51.6 138.1
fwAVG=1.52
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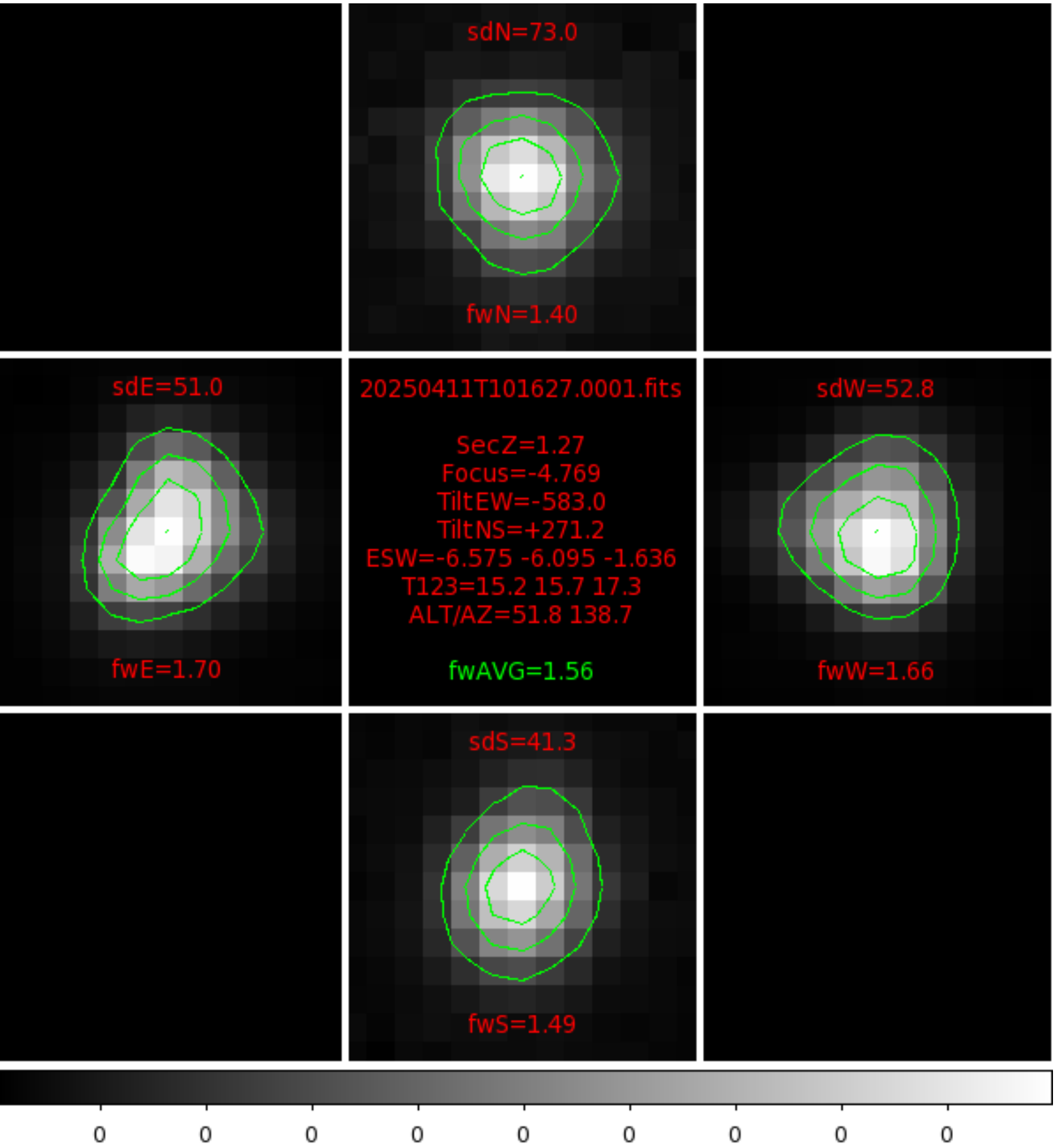
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20250411T101627.0001.fits
SecZ=1.27
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.2 15.7 17.3
ALT/AZ=51.8 138.7
fwAVG=1.56
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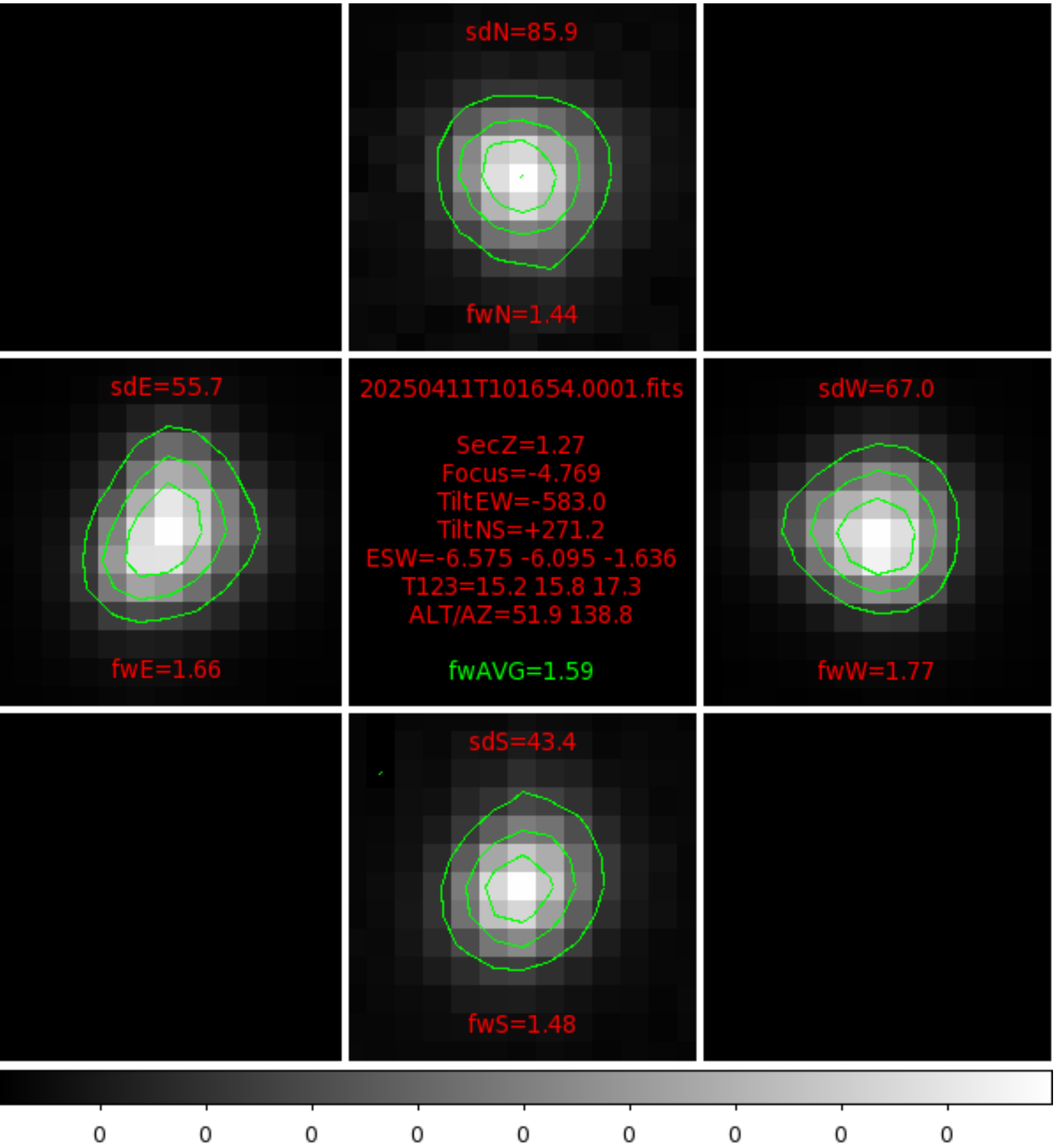
sdN=85.9
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fwE=1.66
20250411T101654.0001.fits
SecZ=1.27
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.2 15.8 17.3
ALT/AZ=51.9 138.8
fwAVG=1.59
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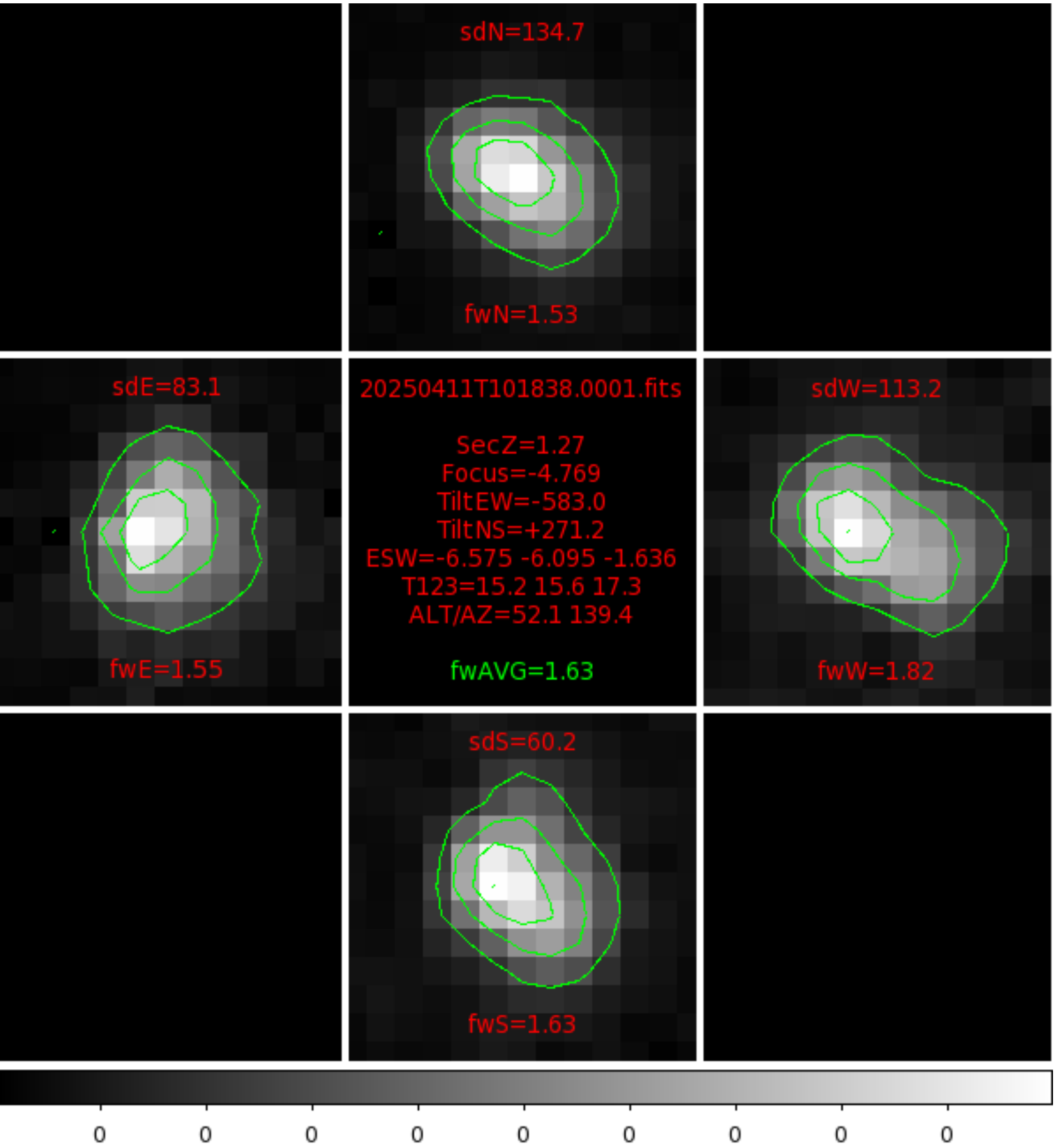
sdN=134.7
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fwE=1.55
20250411T101838.0001.fits
SecZ=1.27
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.2 15.6 17.3
ALT/AZ=52.1 139.4
fwAVG=1.63
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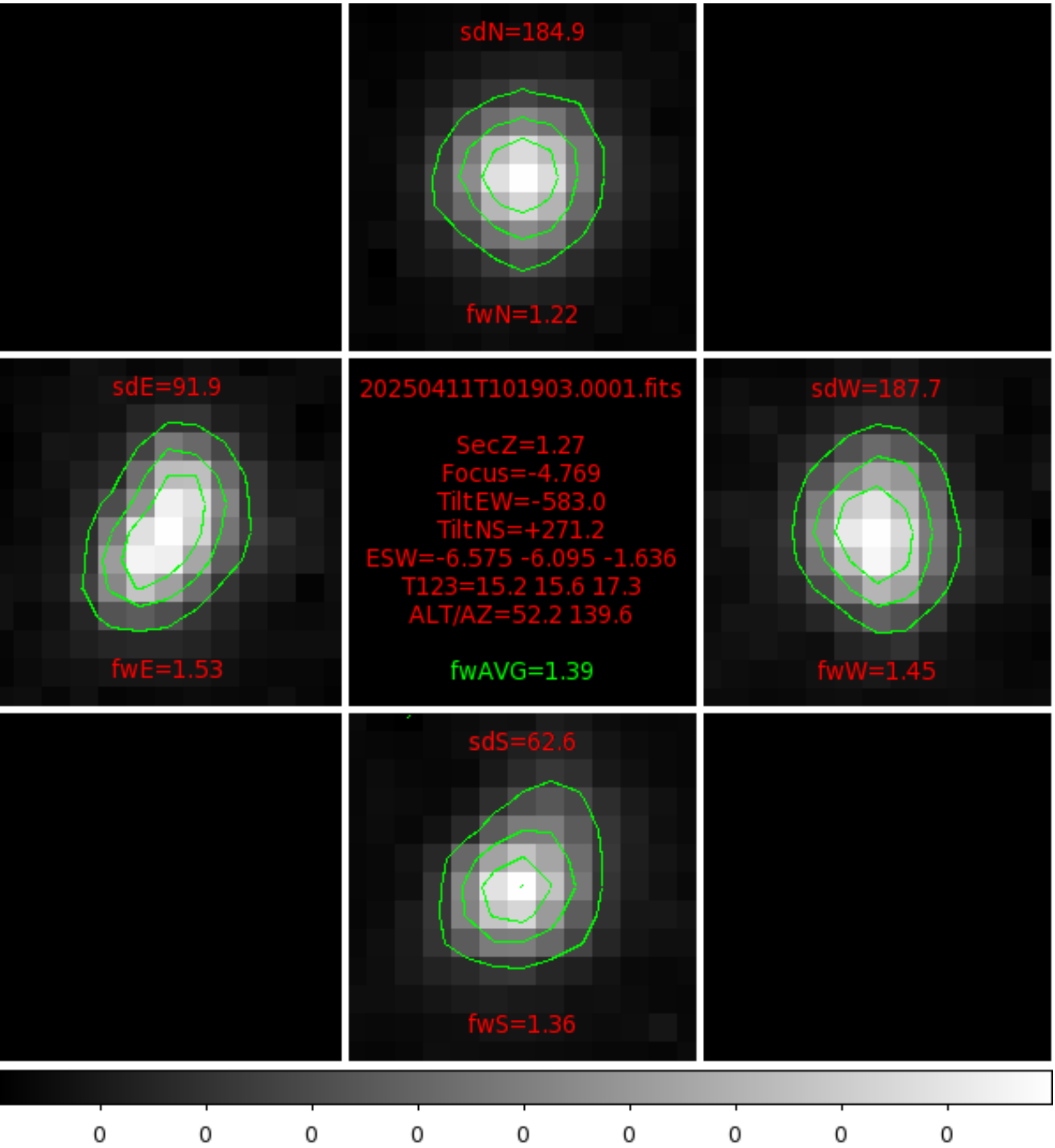
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20250411T101903.0001.fits
SecZ=1.27
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.2 15.6 17.3
ALT/AZ=52.2 139.6
fwAVG=1.39
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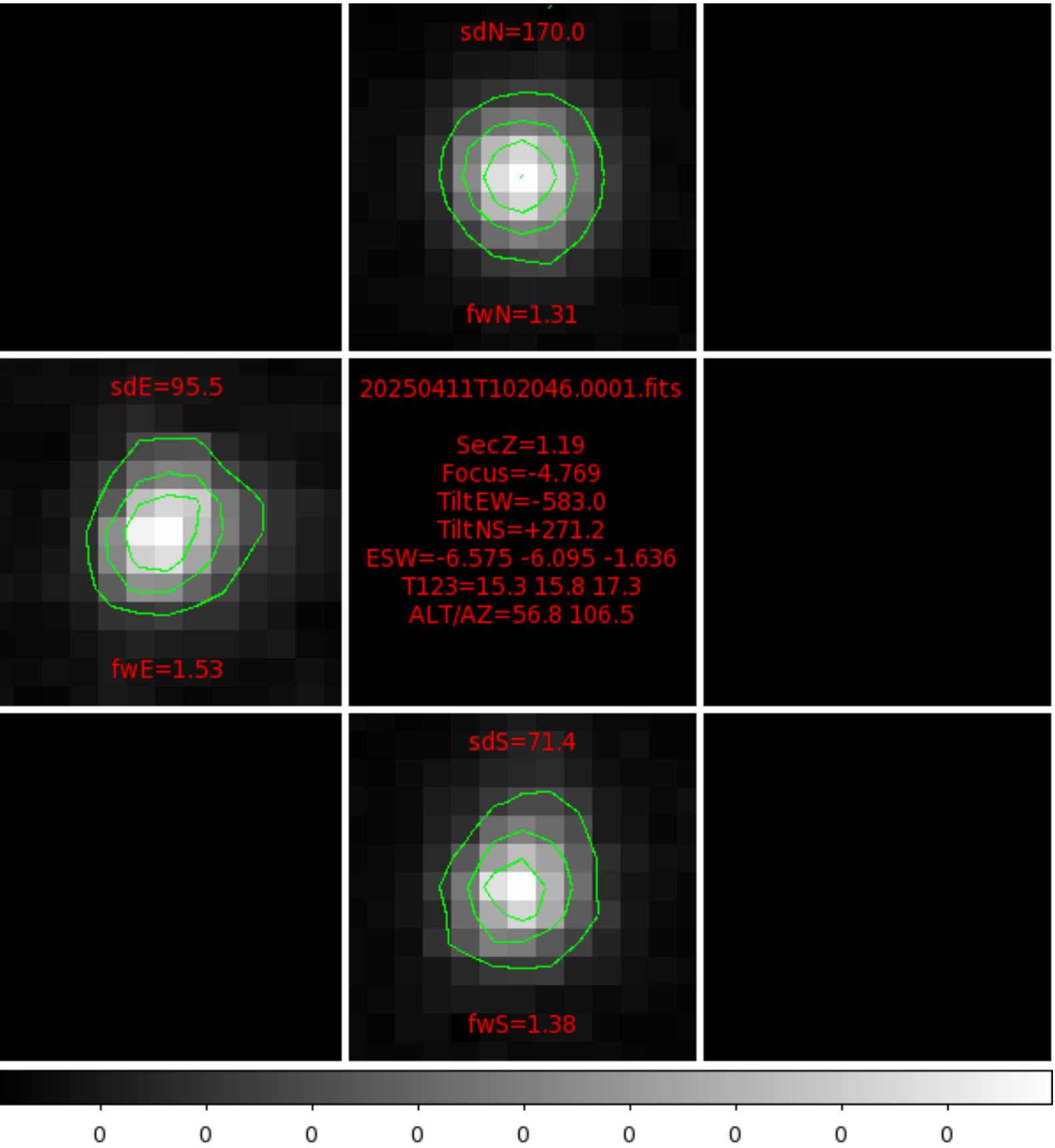
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sdE=95.5
fwE=1.53
20250411T102046.0001.fits
SecZ=1.19
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.3 15.8 17.3
ALT/AZ=56.8 106.5
sdS=71.4
fwS=1.38
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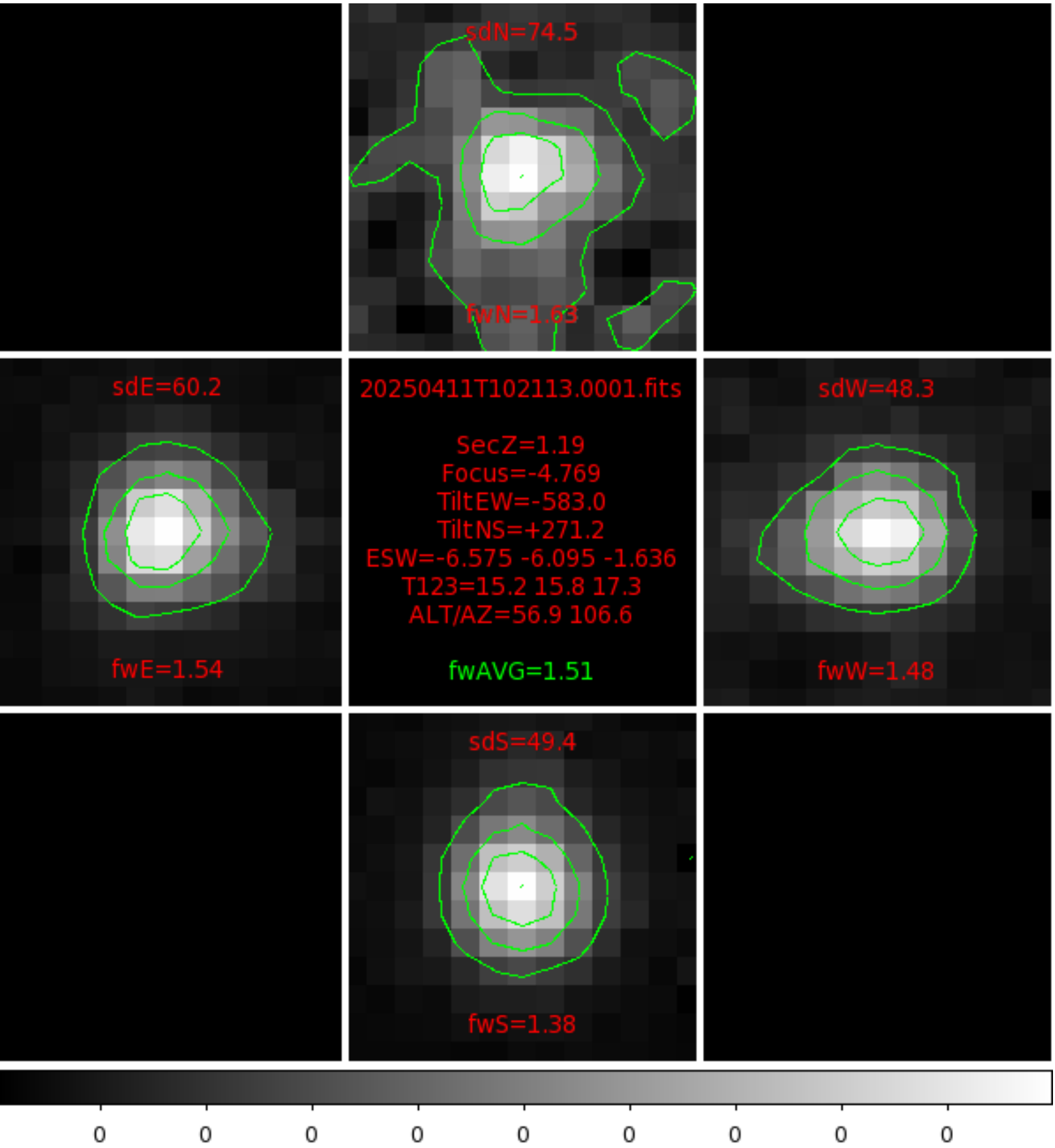
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20250411T102113.0001.fits
SecZ=1.19
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.2 15.8 17.3
ALT/AZ=56.9 106.6
fwAVG=1.51
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sdS=49.4
fwS=1.38
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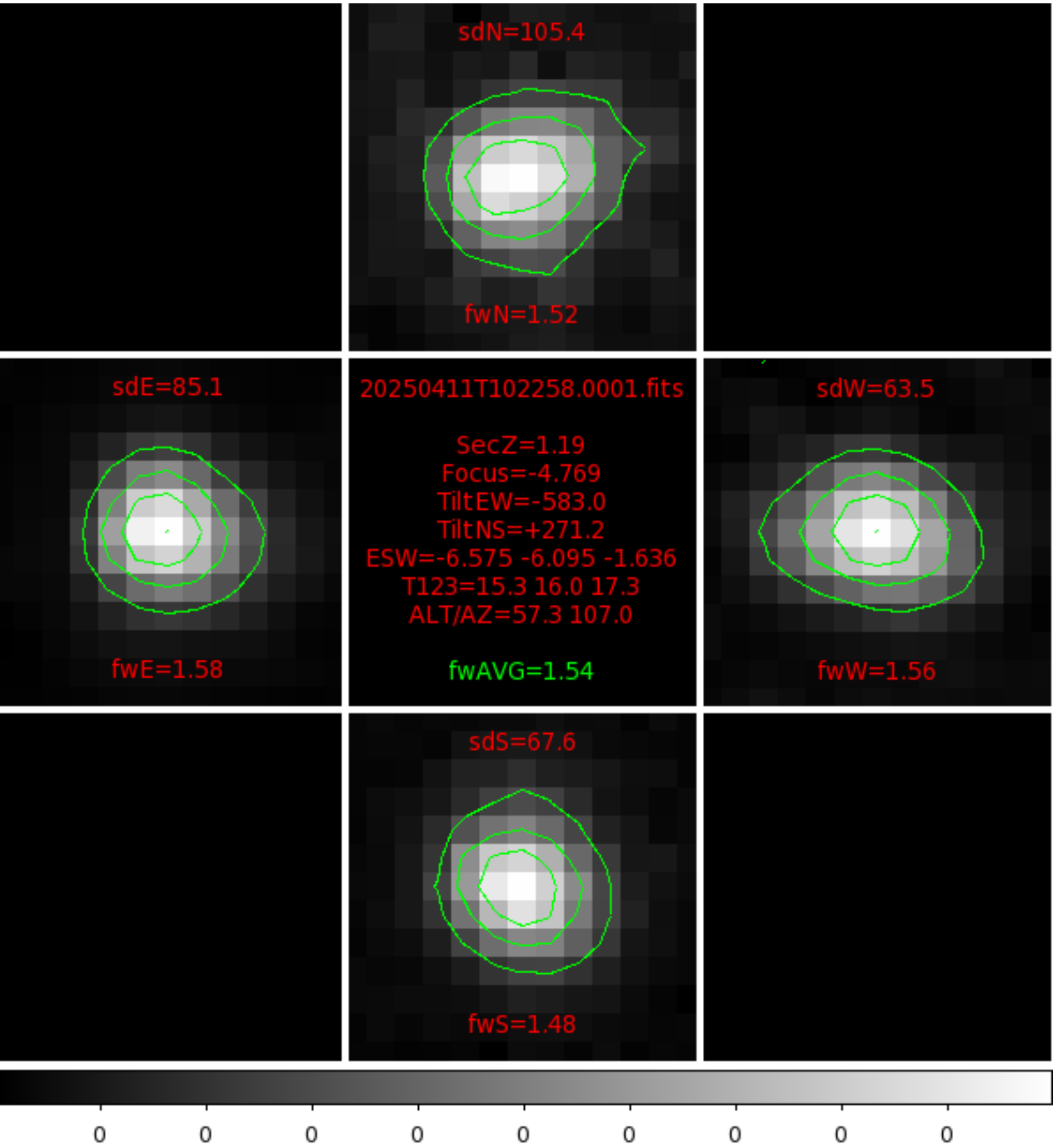
sdN=105.4
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sdE=85.1
fwE=1.58
20250411T102258.0001.fits
SecZ=1.19
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.3 16.0 17.3
ALT/AZ=57.3 107.0
fwAVG=1.54
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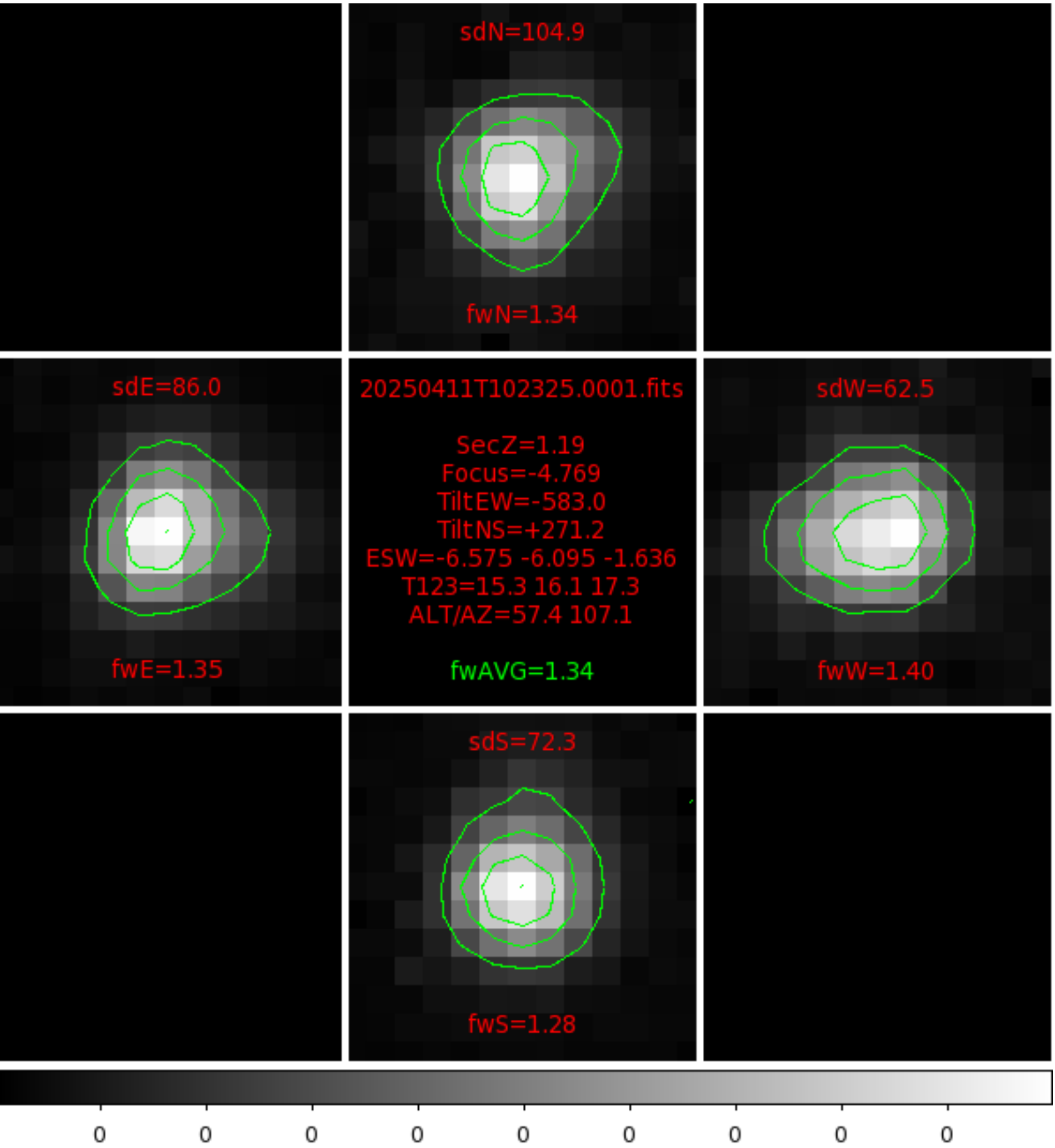
sdN=104.9
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SecZ=1.19
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.3 16.1 17.3
ALT/AZ=57.4 107.1
fwAVG=1.34
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sdS=72.3
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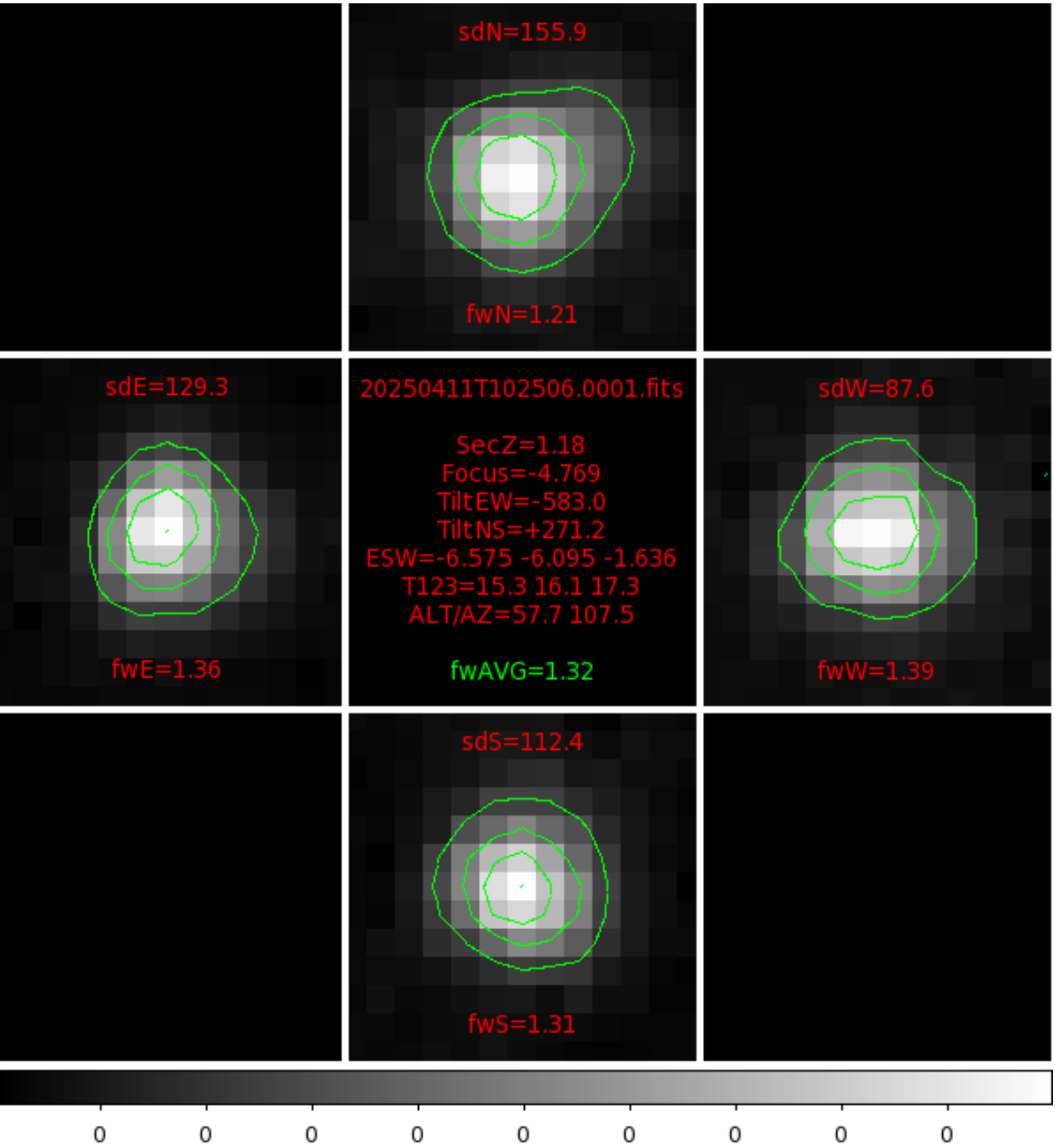
sdN=155.9
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sdE=129.3
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SecZ=1.18
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.3 16.1 17.3
ALT/AZ=57.7 107.5
fwAVG=1.32
sdW=87.6
fwW=1.39
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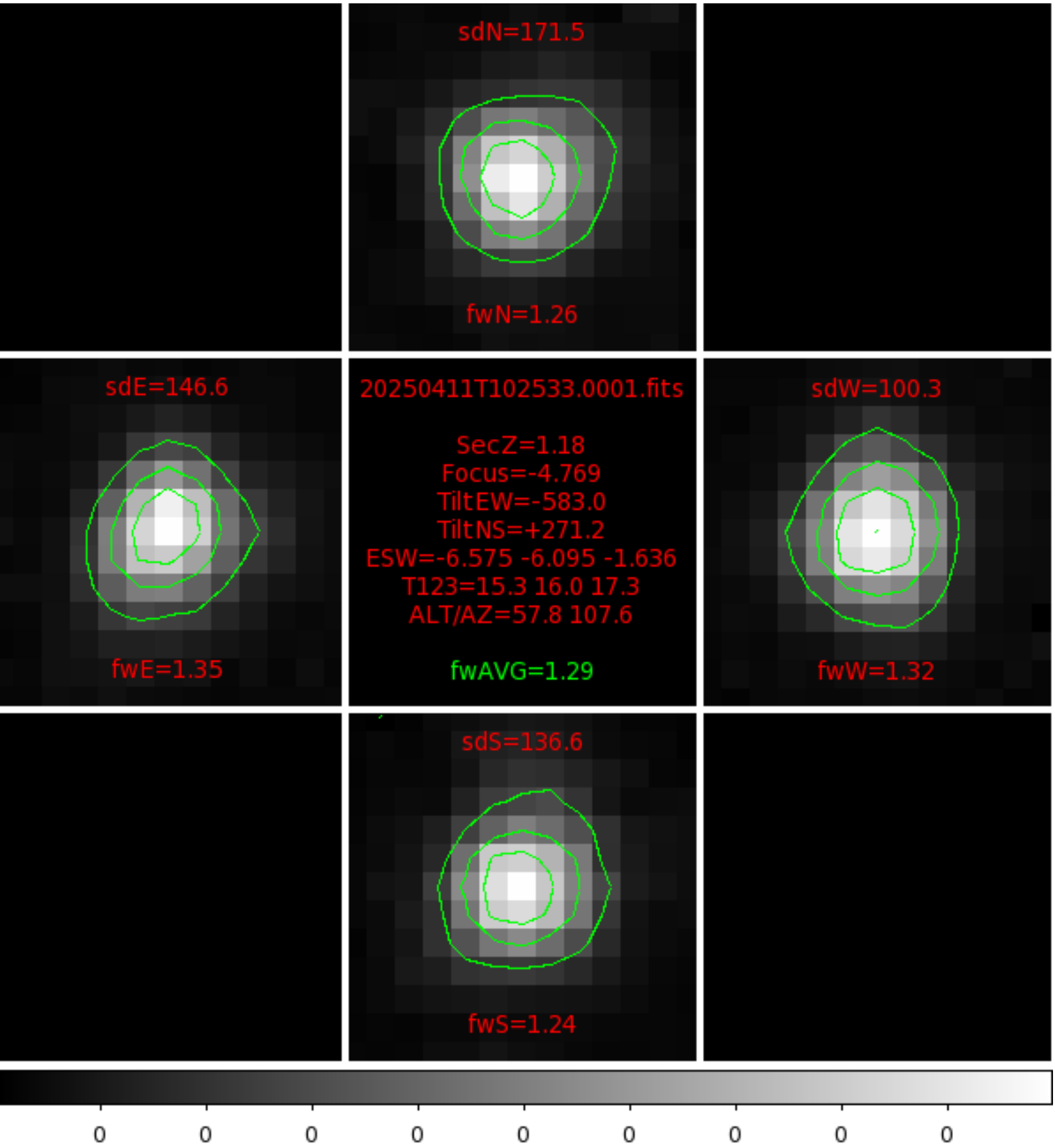
sdN=171.5
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fwE=1.35
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SecZ=1.18
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.3 16.0 17.3
ALT/AZ=57.8 107.6
fwAVG=1.29
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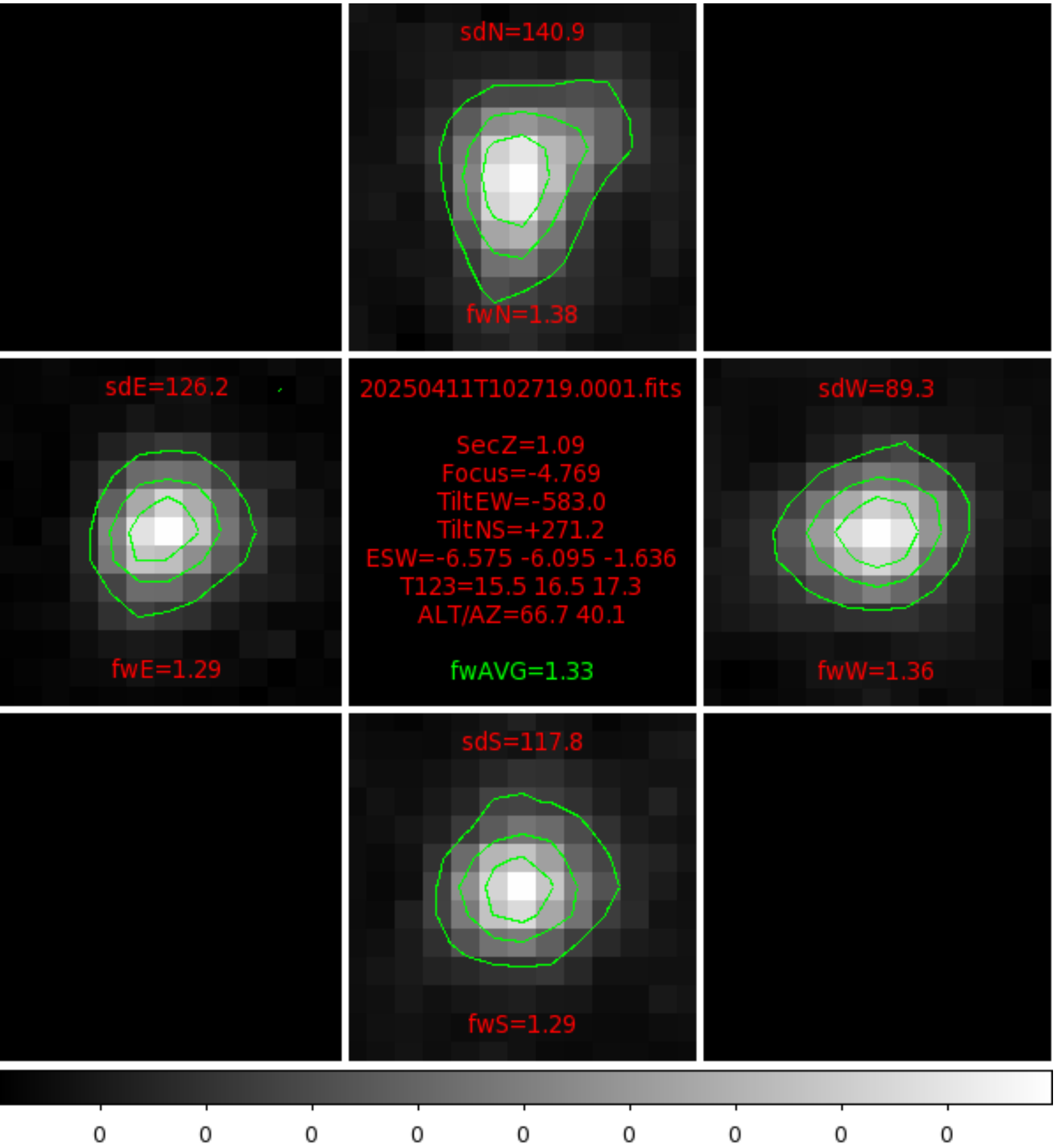
sdN=140.9
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SecZ=1.09
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.5 16.5 17.3
ALT/AZ=66.7 40.1
fwAVG=1.33
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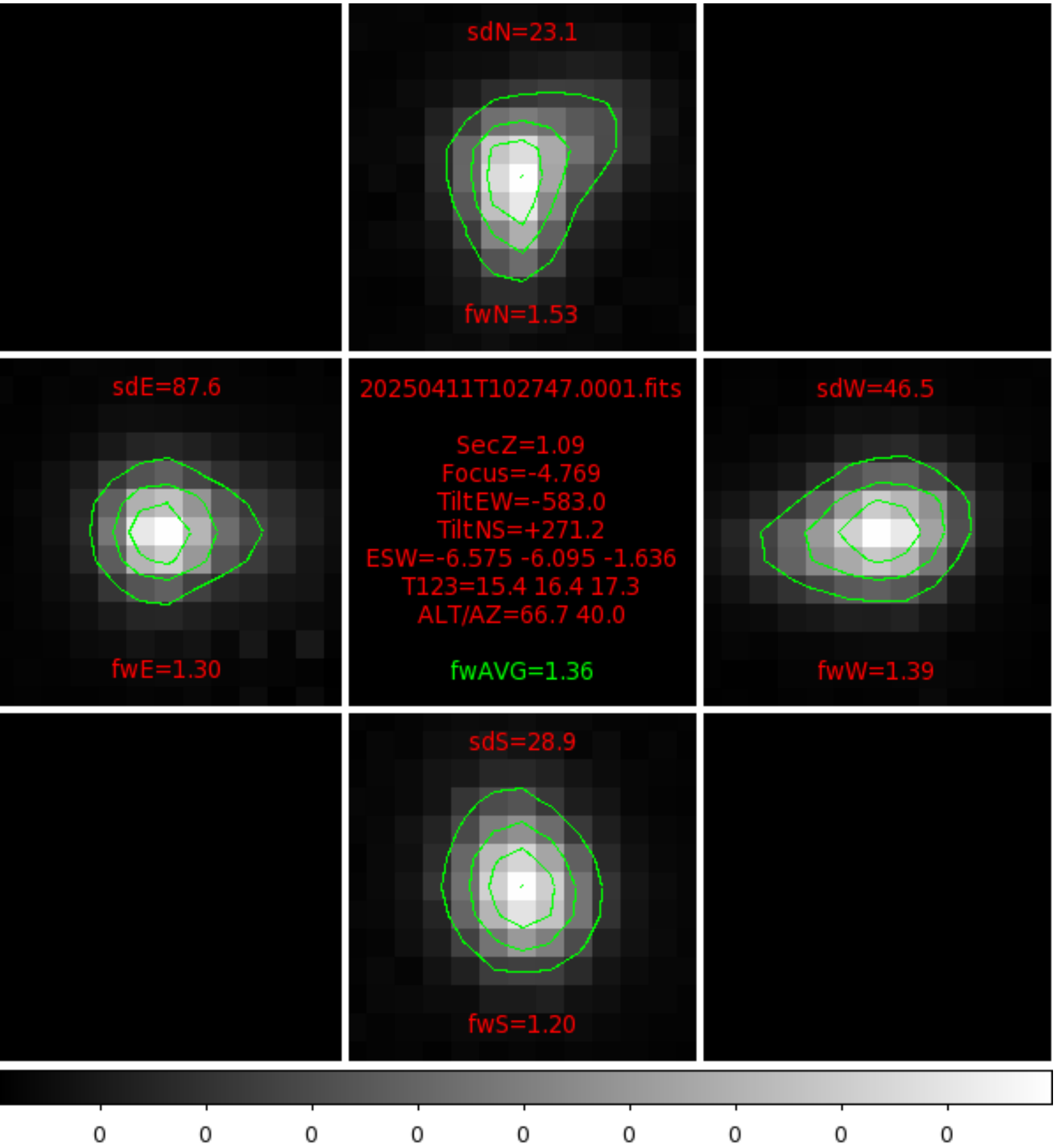
sdN=23.1
fwN=1.53
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20250411T102747.0001.fits
SecZ=1.09
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.4 16.4 17.3
ALT/AZ=66.7 40.0
fwAVG=1.36
sdW=46.5
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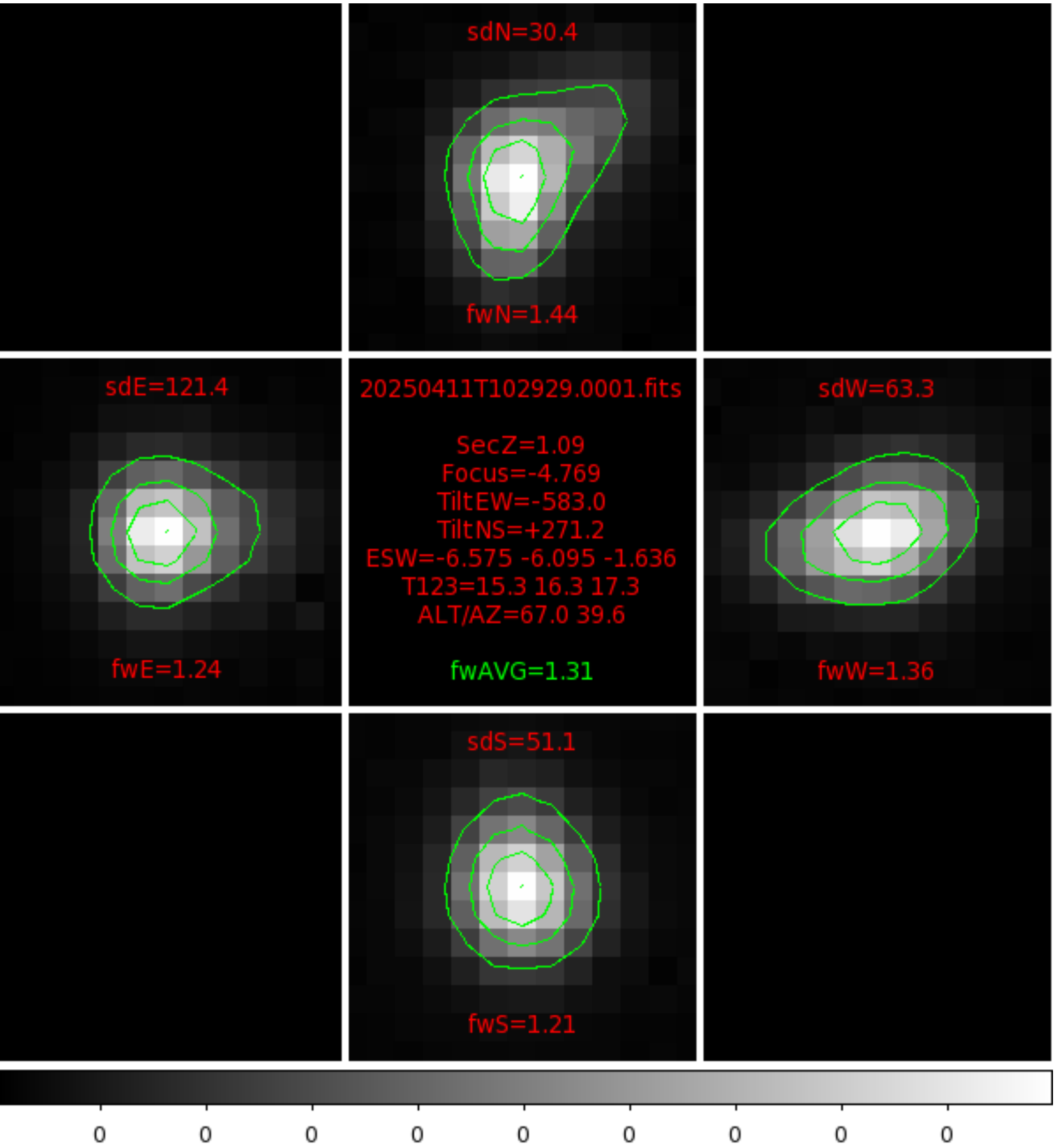
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fwN=1.44
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SecZ=1.09
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.3 16.3 17.3
ALT/AZ=67.0 39.6
fwAVG=1.31
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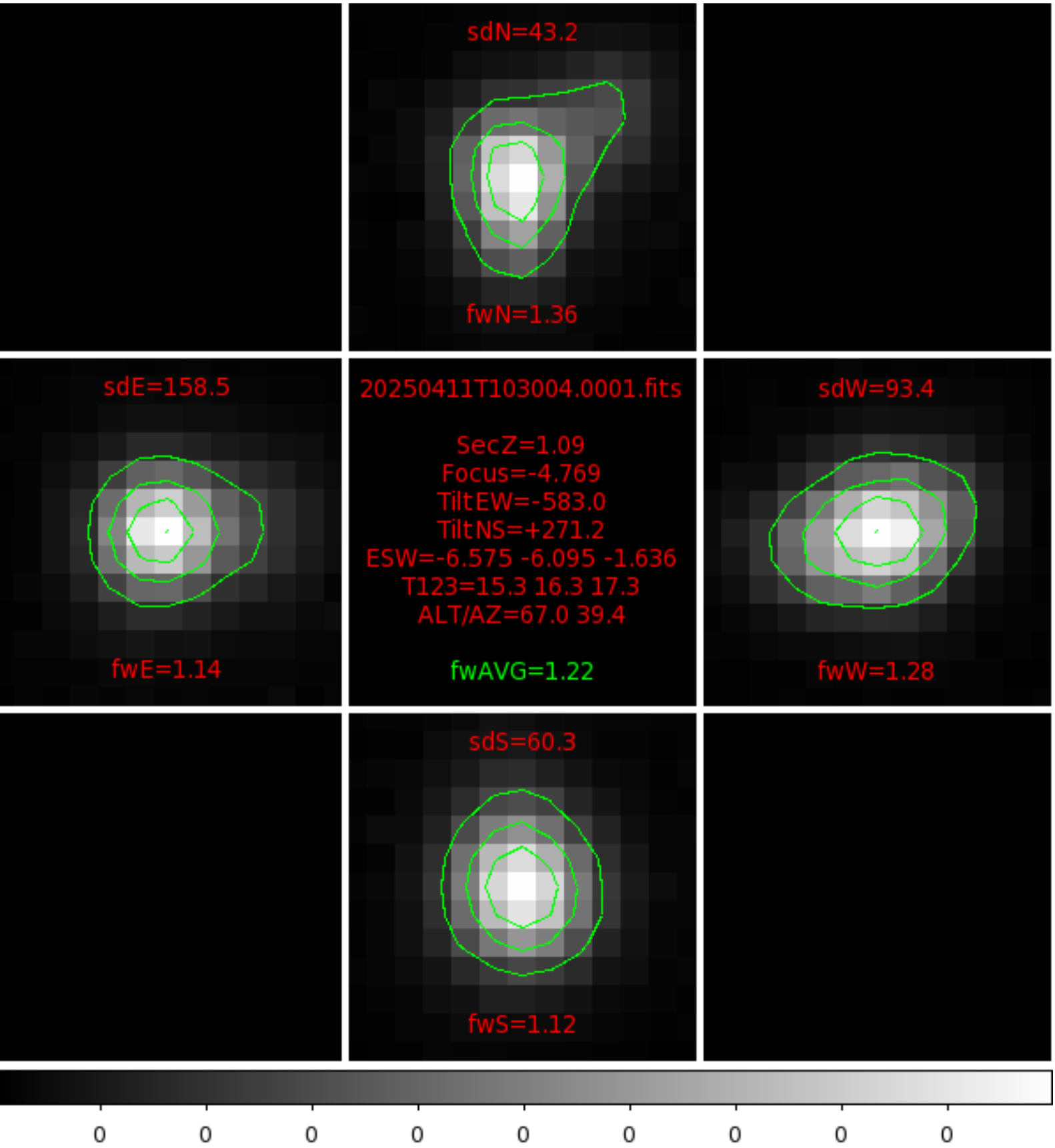
sdN=43.2
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SecZ=1.09
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.3 16.3 17.3
ALT/AZ=67.0 39.4
fwAVG=1.22
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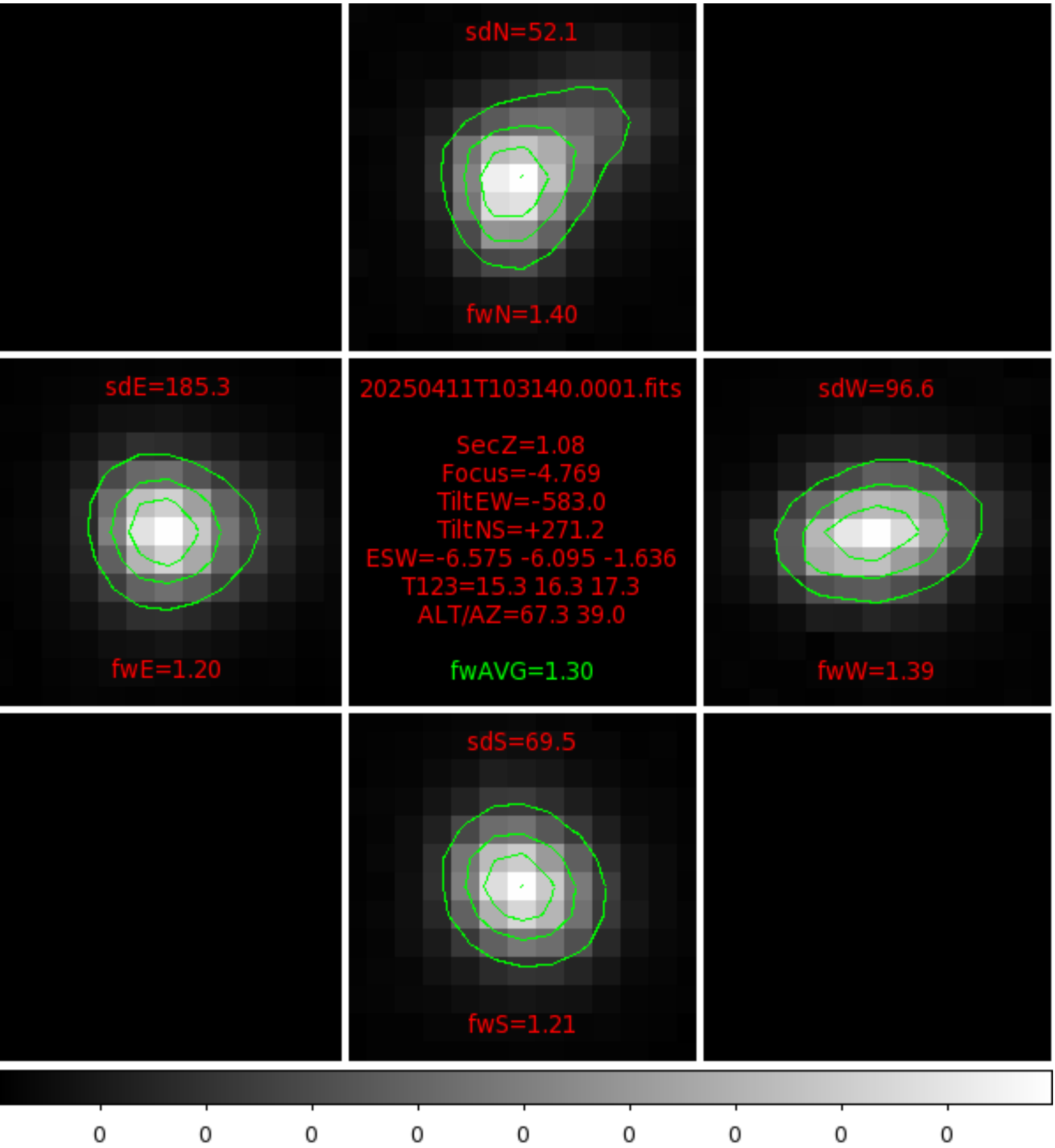
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sdE=185.3
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SecZ=1.08
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.3 16.3 17.3
ALT/AZ=67.3 39.0
fwAVG=1.30
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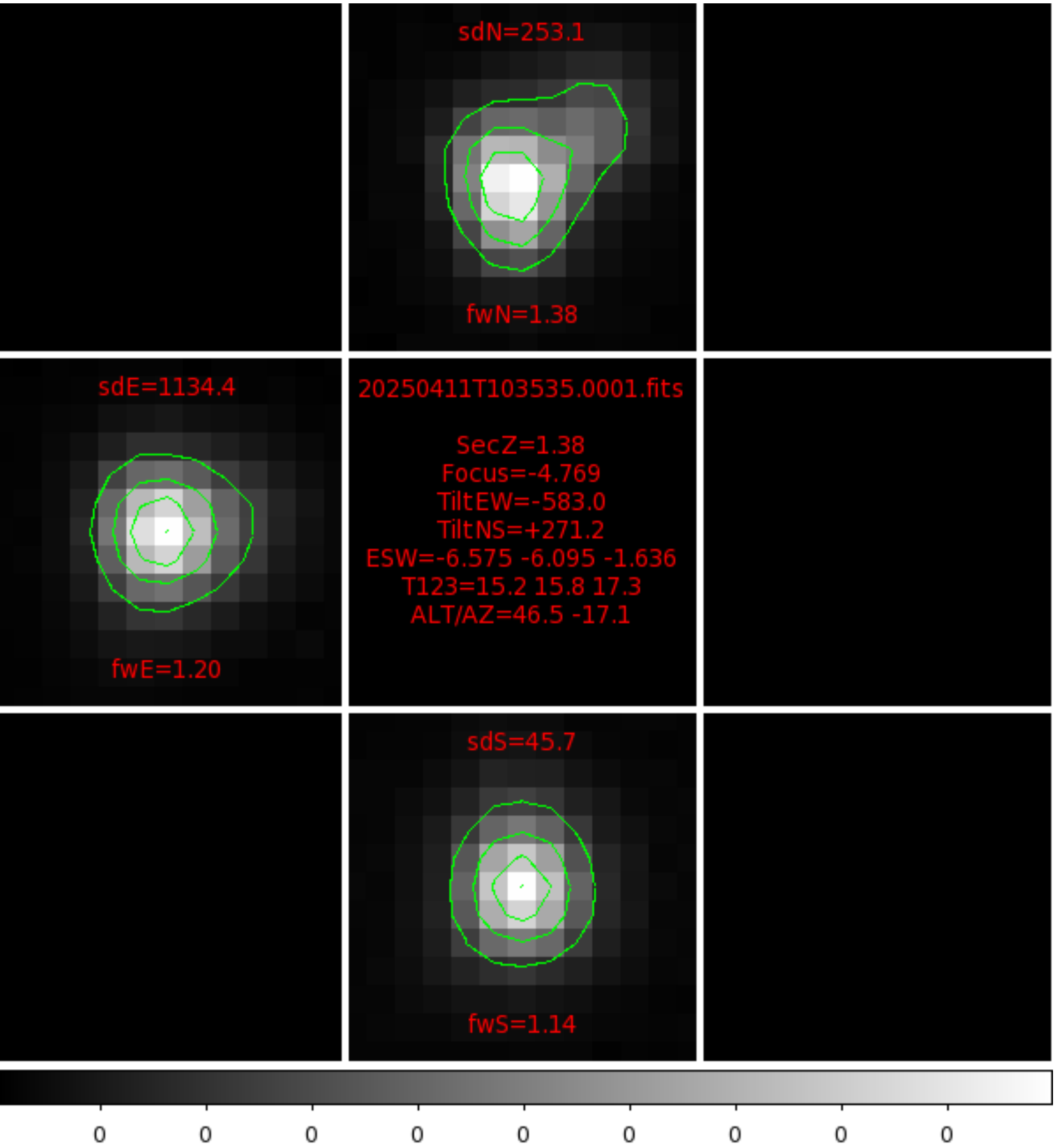
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SecZ=1.38
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.2 15.8 17.3
ALT/AZ=46.5 -17.1
sdS=45.7
fwS=1.14
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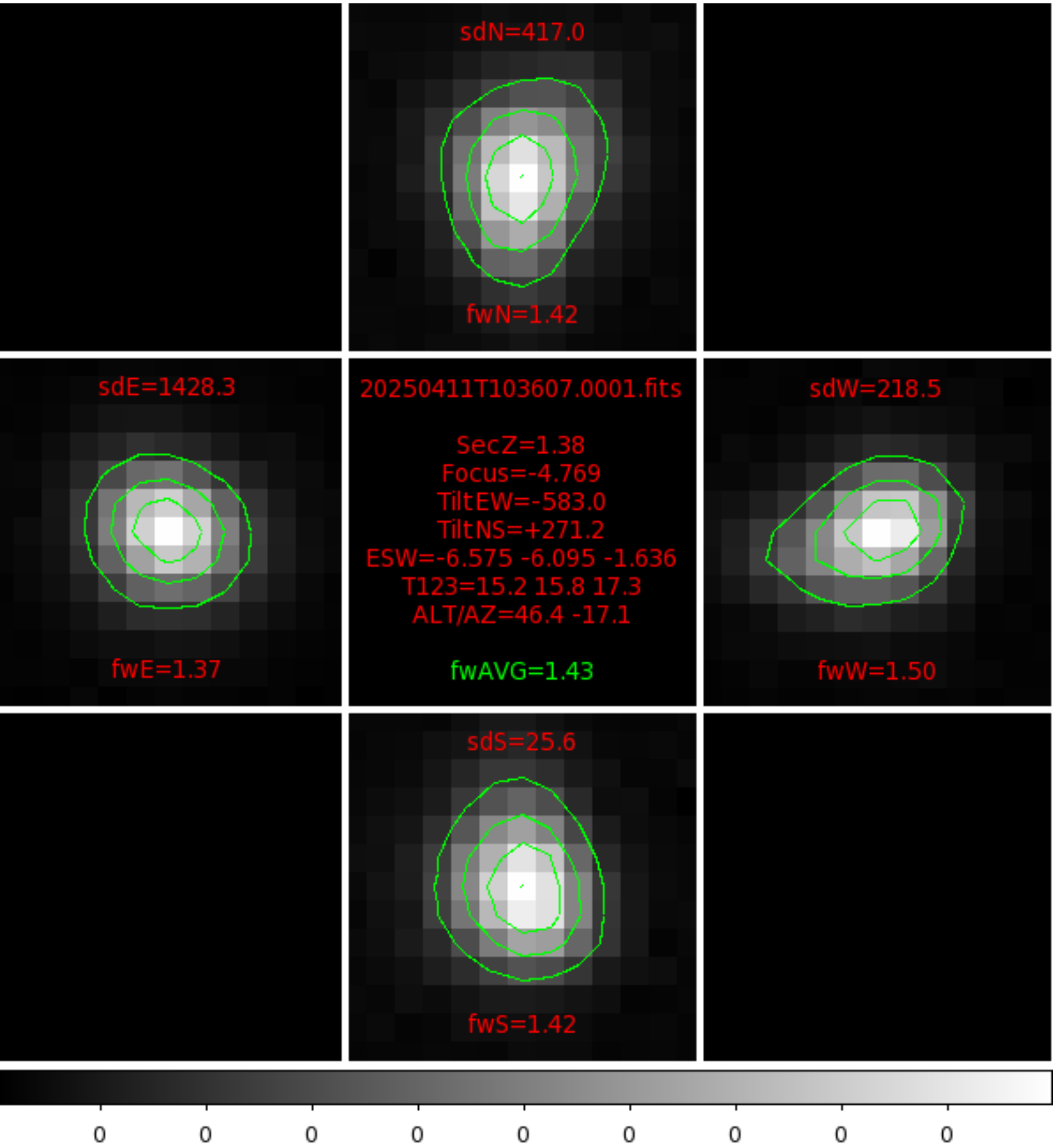
sdN=417.0
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SecZ=1.38
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.2 15.8 17.3
ALT/AZ=46.4 -17.1
fwAVG=1.43
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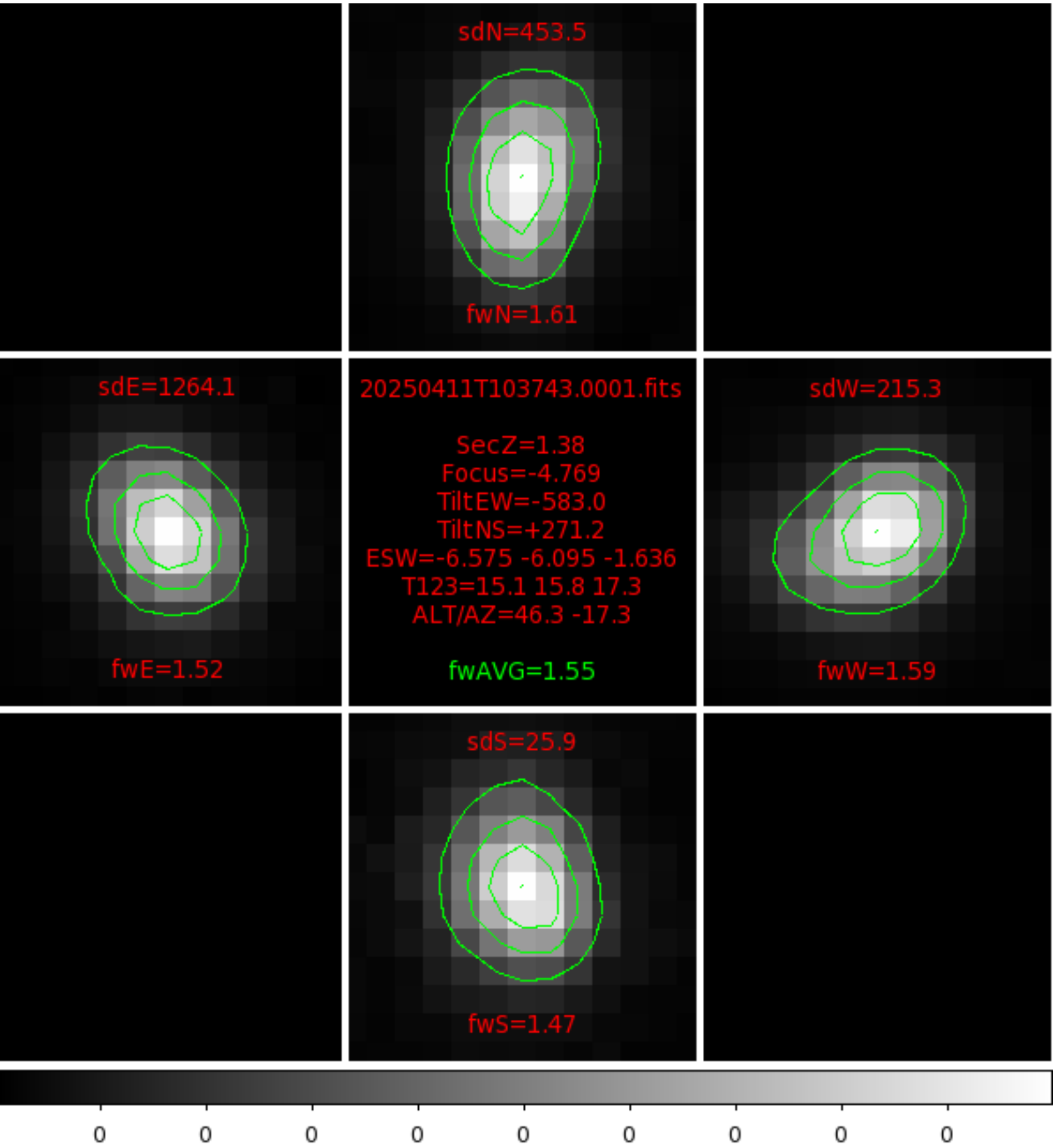
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SecZ=1.38
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TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.8 17.3
ALT/AZ=46.3 -17.3
fwAVG=1.55
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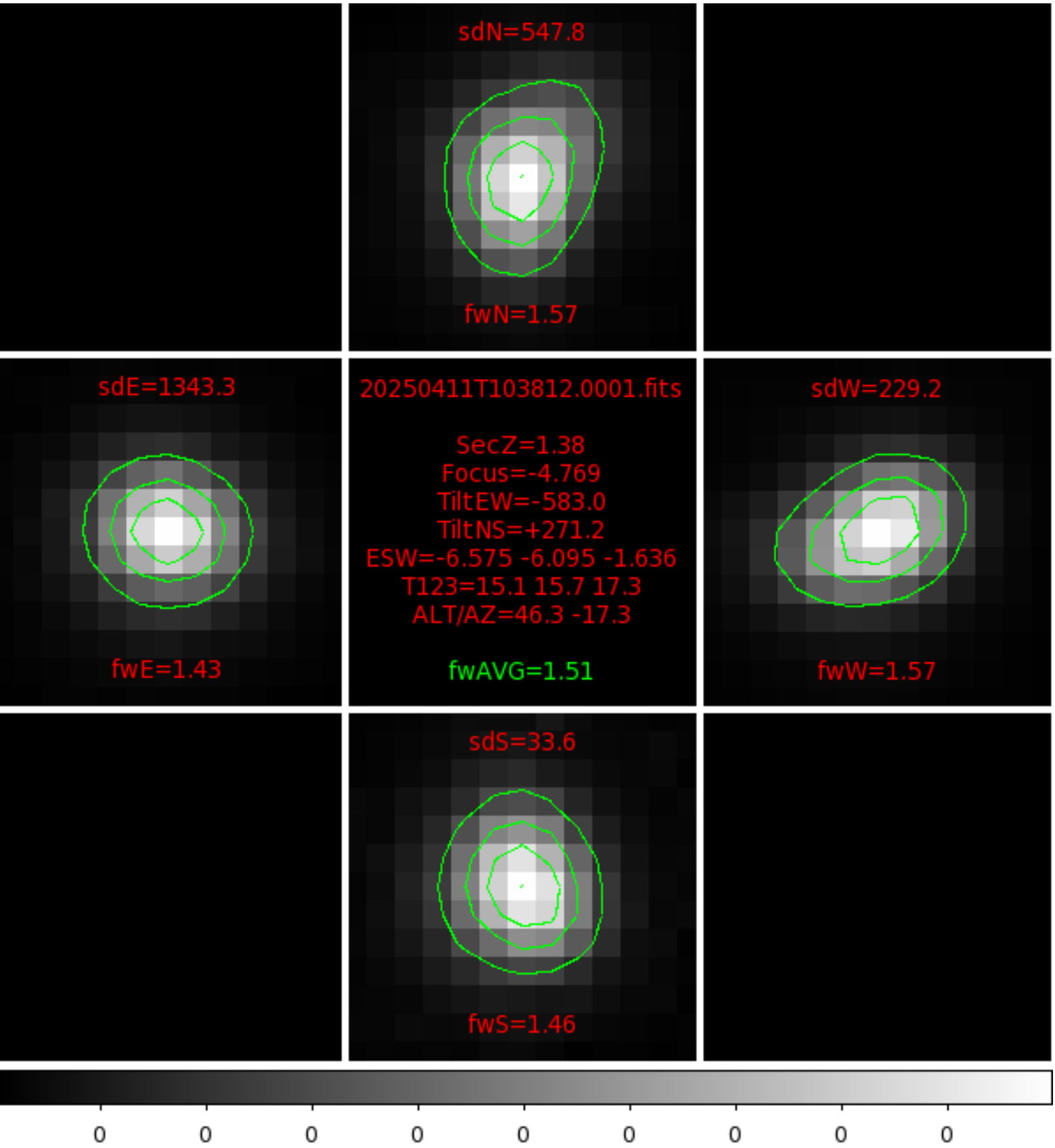
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SecZ=1.38
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.7 17.3
ALT/AZ=46.3 -17.3
fwAVG=1.51
sdW=229.2
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sdS=33.6
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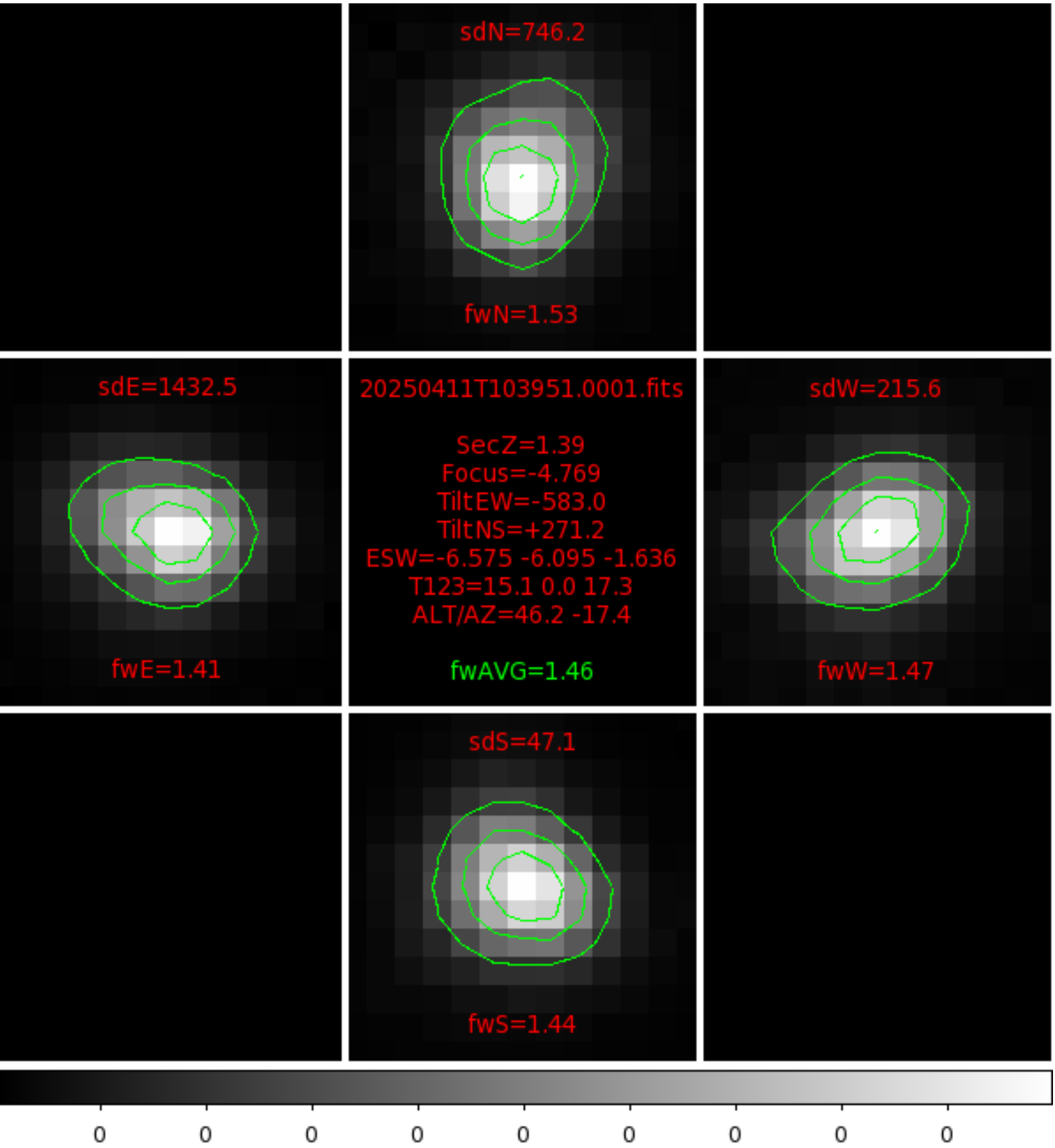
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sdE=1432.5
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SecZ=1.39
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 0.0 17.3
ALT/AZ=46.2 -17.4
fwAVG=1.46
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sdS=47.1
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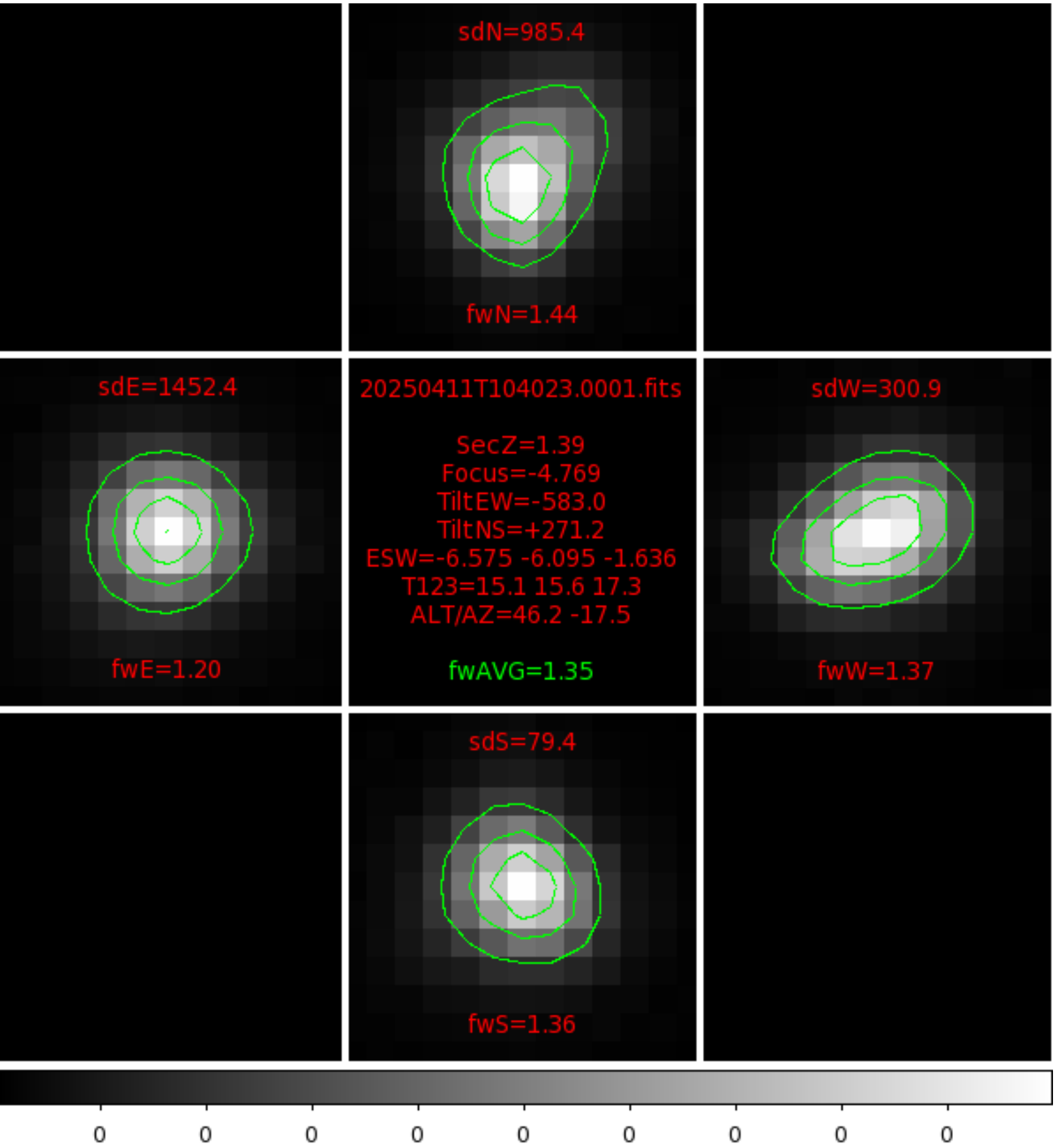
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sdE=1452.4
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SecZ=1.39
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.6 17.3
ALT/AZ=46.2 -17.5
fwAVG=1.35
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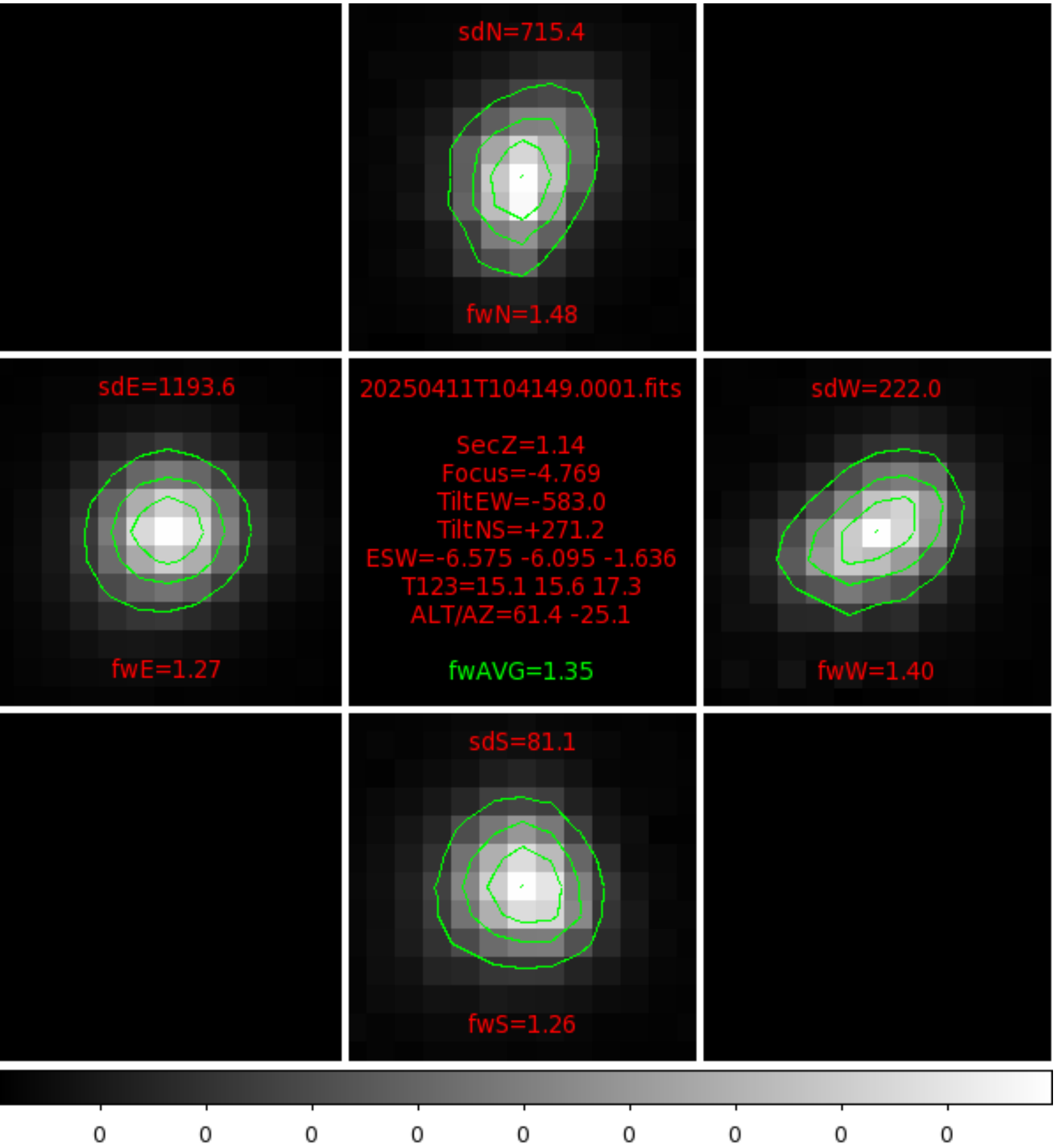
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sdE=1193.6
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SecZ=1.14
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.6 17.3
ALT/AZ=61.4 -25.1
fwAVG=1.35
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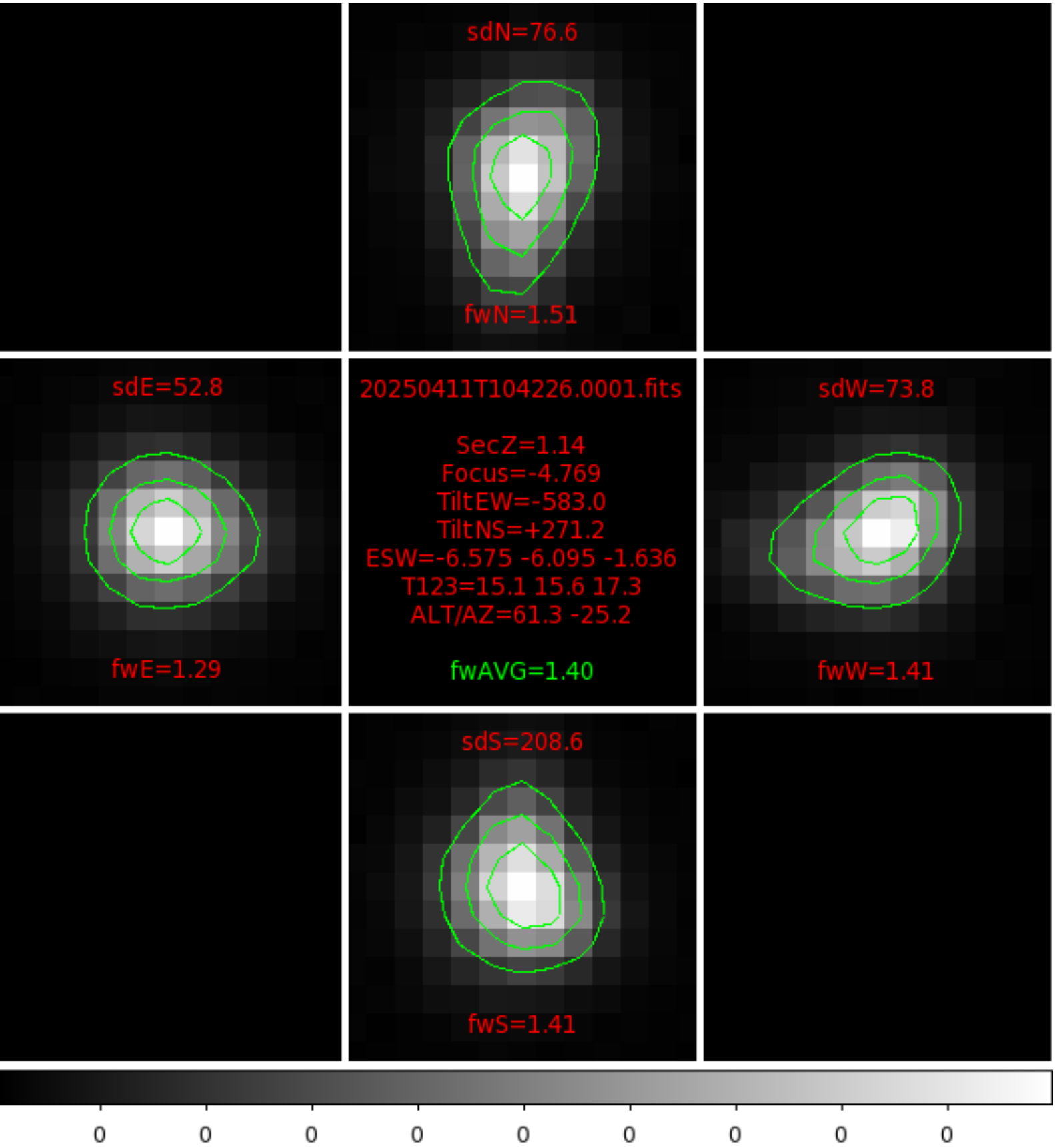
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sdE=52.8
fwE=1.29
20250411T104226.0001.fits
SecZ=1.14
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.6 17.3
ALT/AZ=61.3 -25.2
fwAVG=1.40
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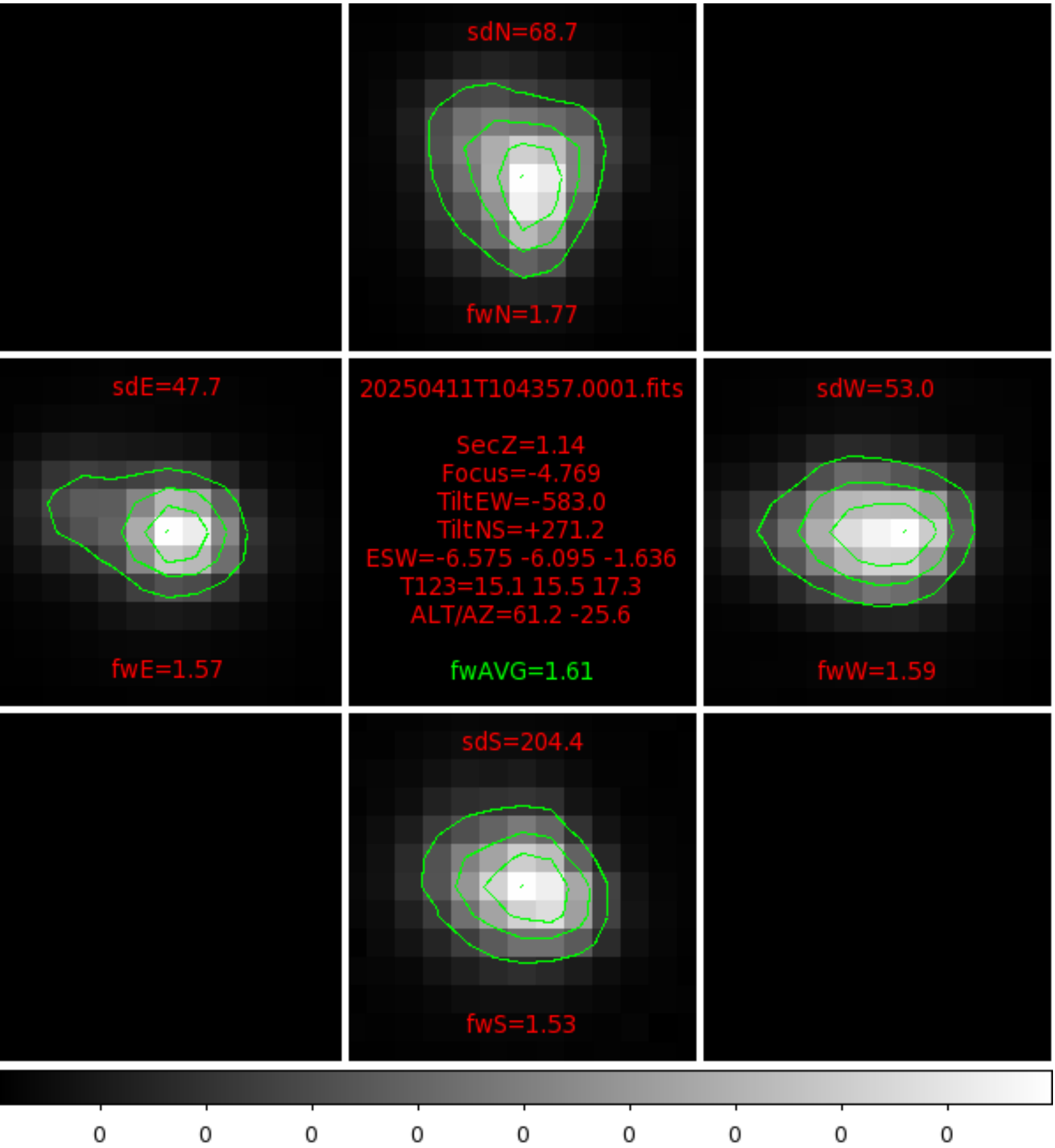
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.5 17.3
ALT/AZ=61.2 -25.6
fwAVG=1.61
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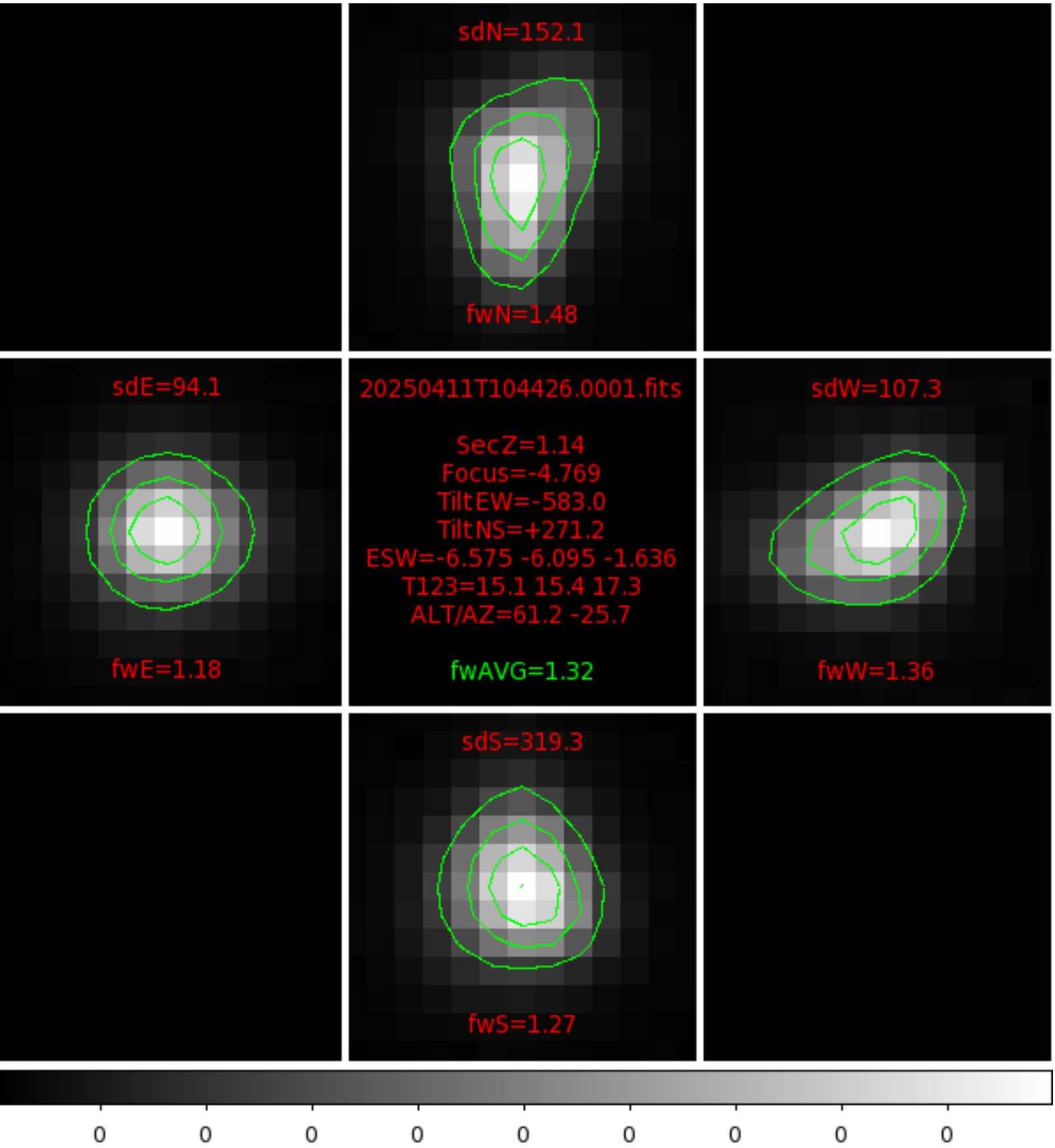
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SecZ=1.14
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.4 17.3
ALT/AZ=61.2 -25.7
fwAVG=1.32
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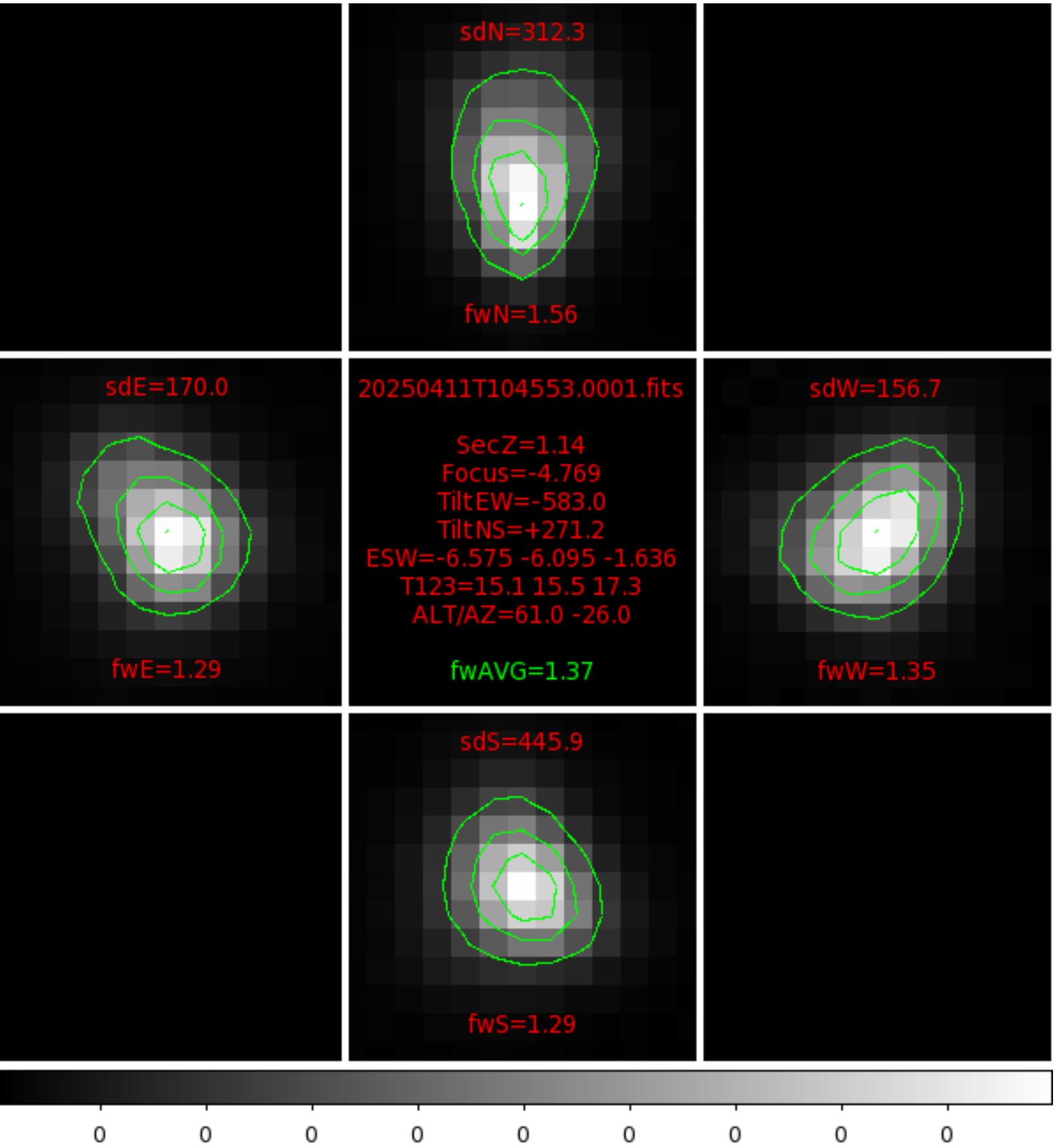
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20250411T104553.0001.fits
SecZ=1.14
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.5 17.3
ALT/AZ=61.0 -26.0
fwAVG=1.37
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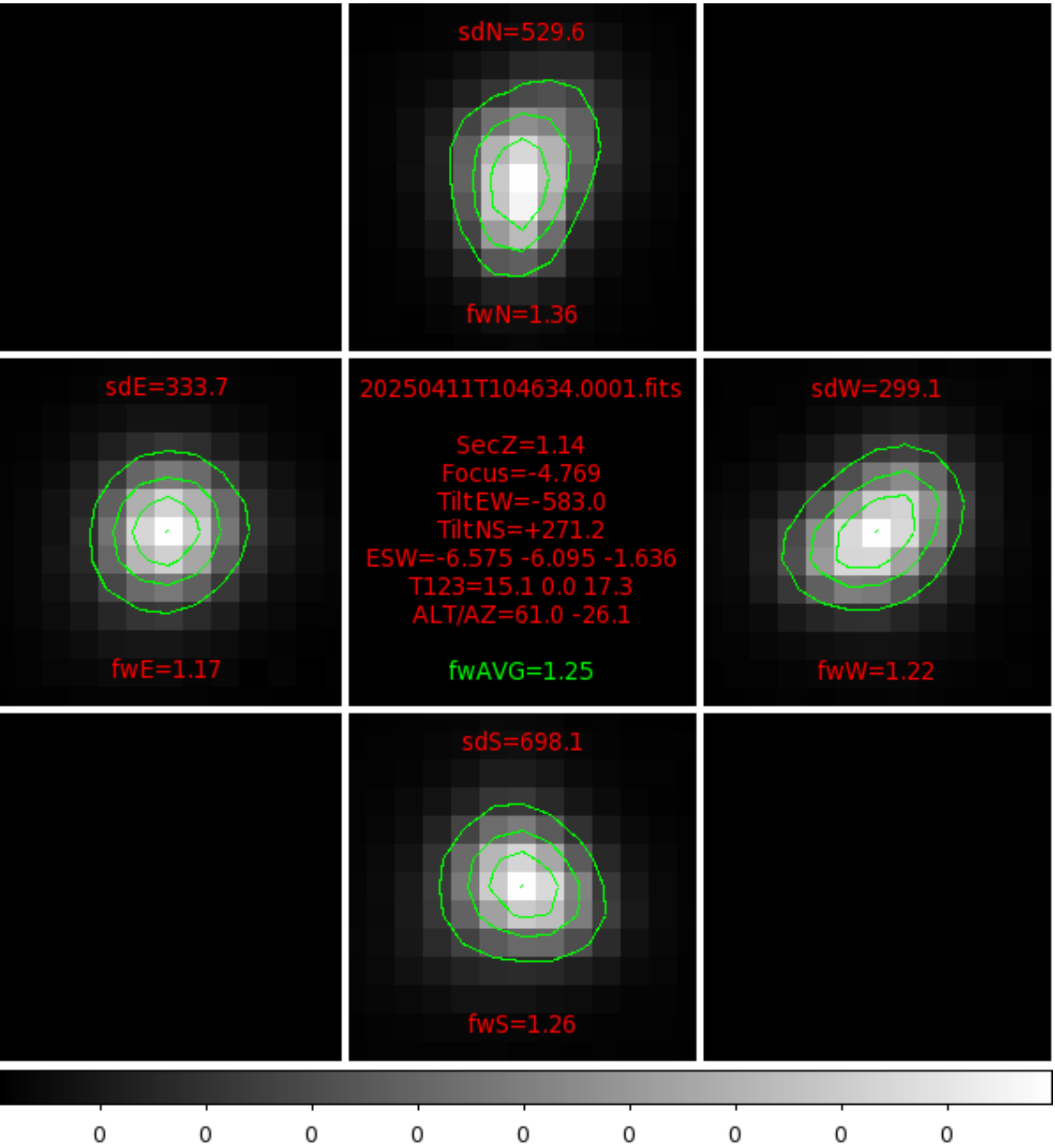
sdN=529.6
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sdE=333.7
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20250411T104634.0001.fits
SecZ=1.14
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 0.0 17.3
ALT/AZ=61.0 -26.1
fwAVG=1.25
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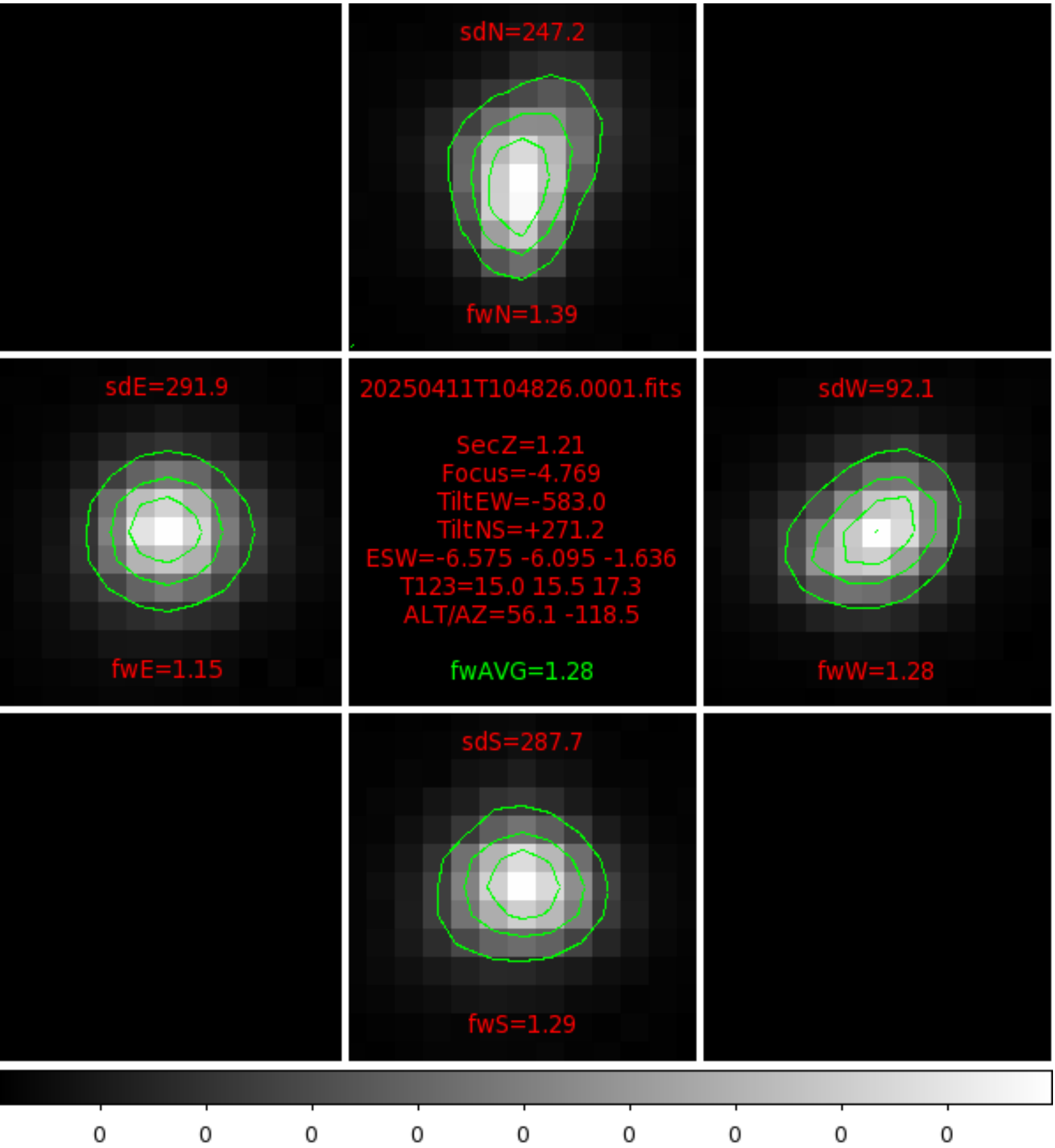
sdN=247.2
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sdE=291.9
fwE=1.15
20250411T104826.0001.fits
SecZ=1.21
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.5 17.3
ALT/AZ=56.1 -118.5
fwAVG=1.28
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sdS=287.7
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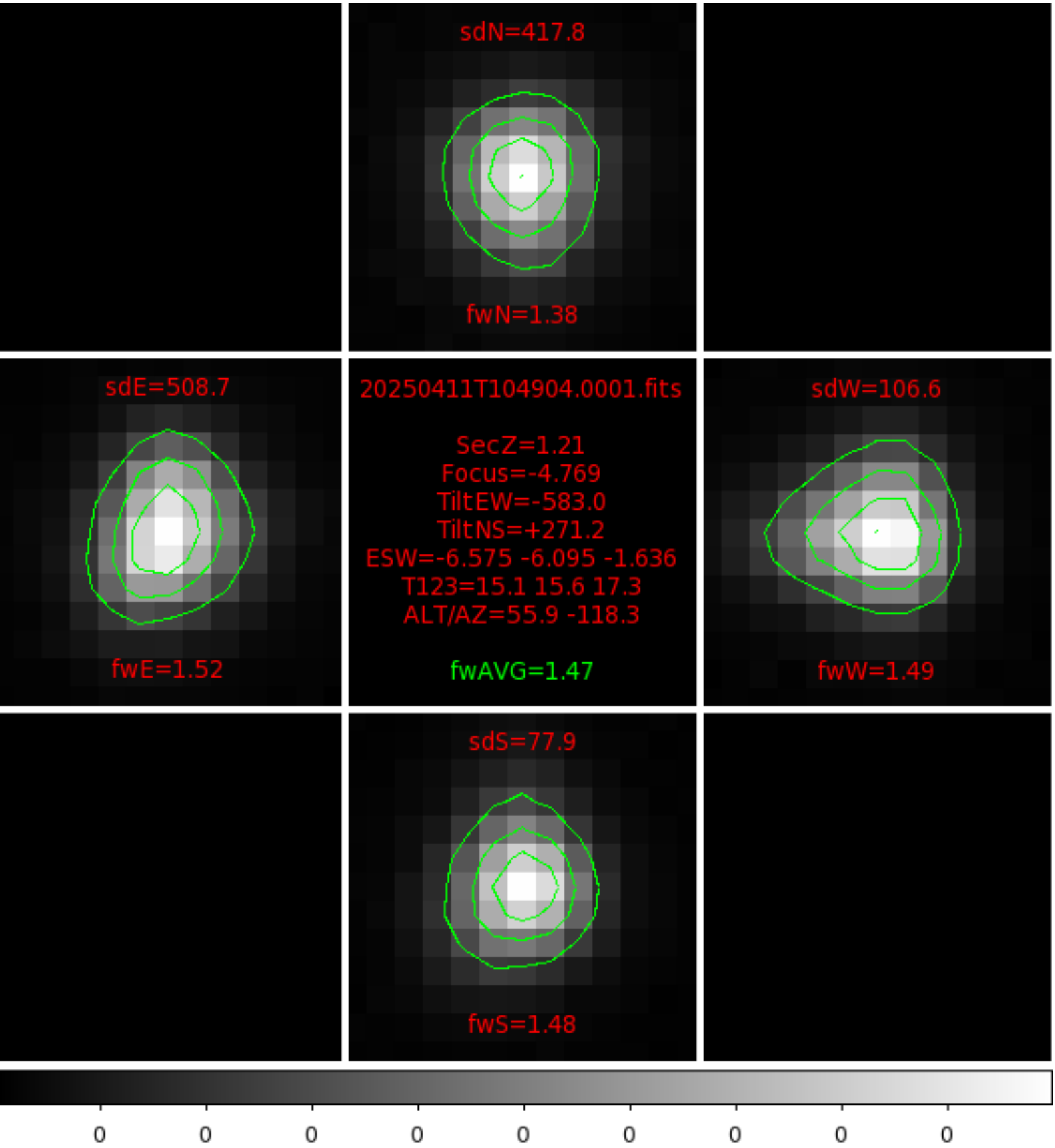
sdN=417.8
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sdE=508.7
fwE=1.52
20250411T104904.0001.fits
SecZ=1.21
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.6 17.3
ALT/AZ=55.9 -118.3
fwAVG=1.47
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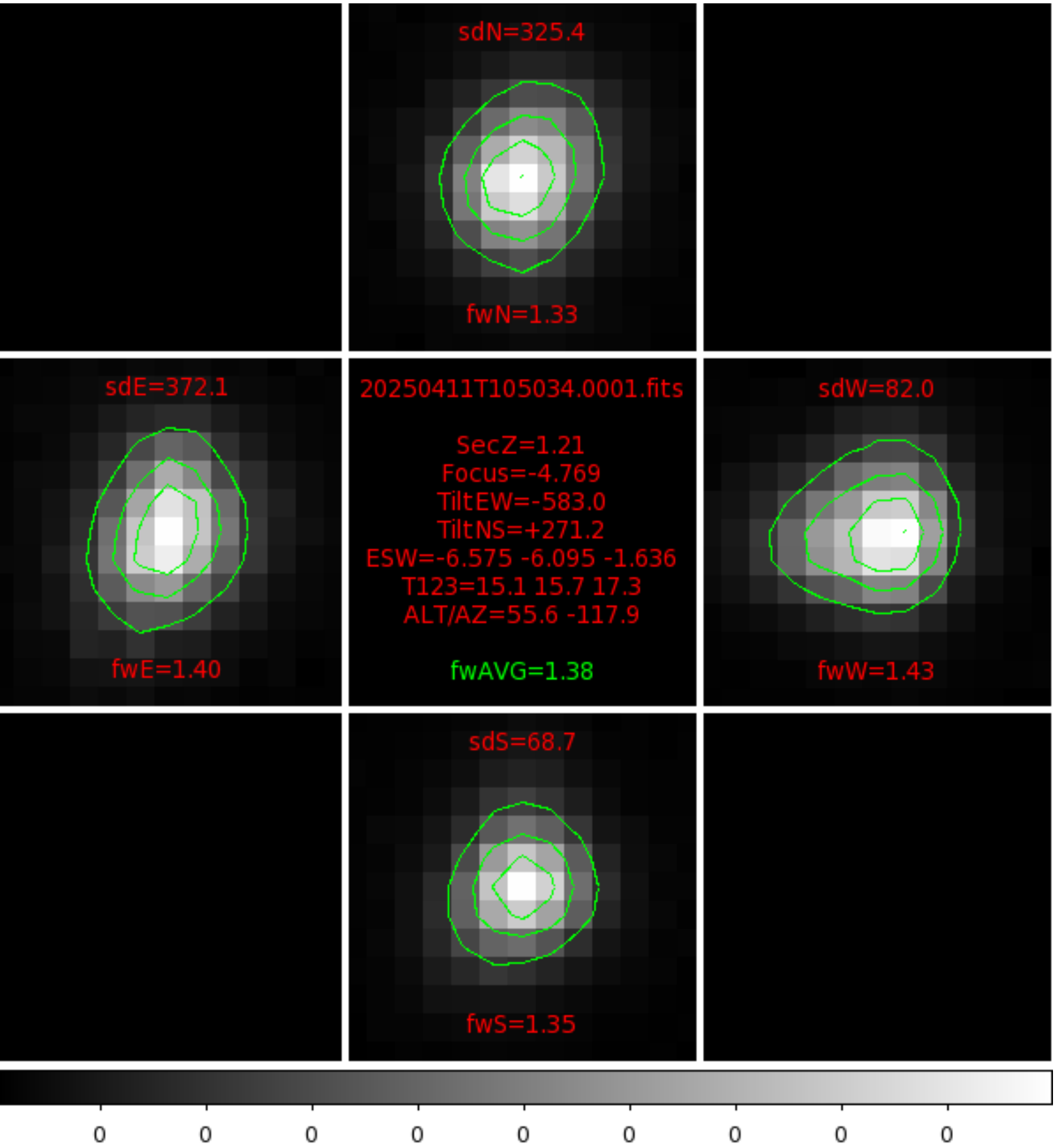
sdN=325.4
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sdE=372.1
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20250411T105034.0001.fits
SecZ=1.21
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.7 17.3
ALT/AZ=55.6 -117.9
fwAVG=1.38
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sdS=68.7
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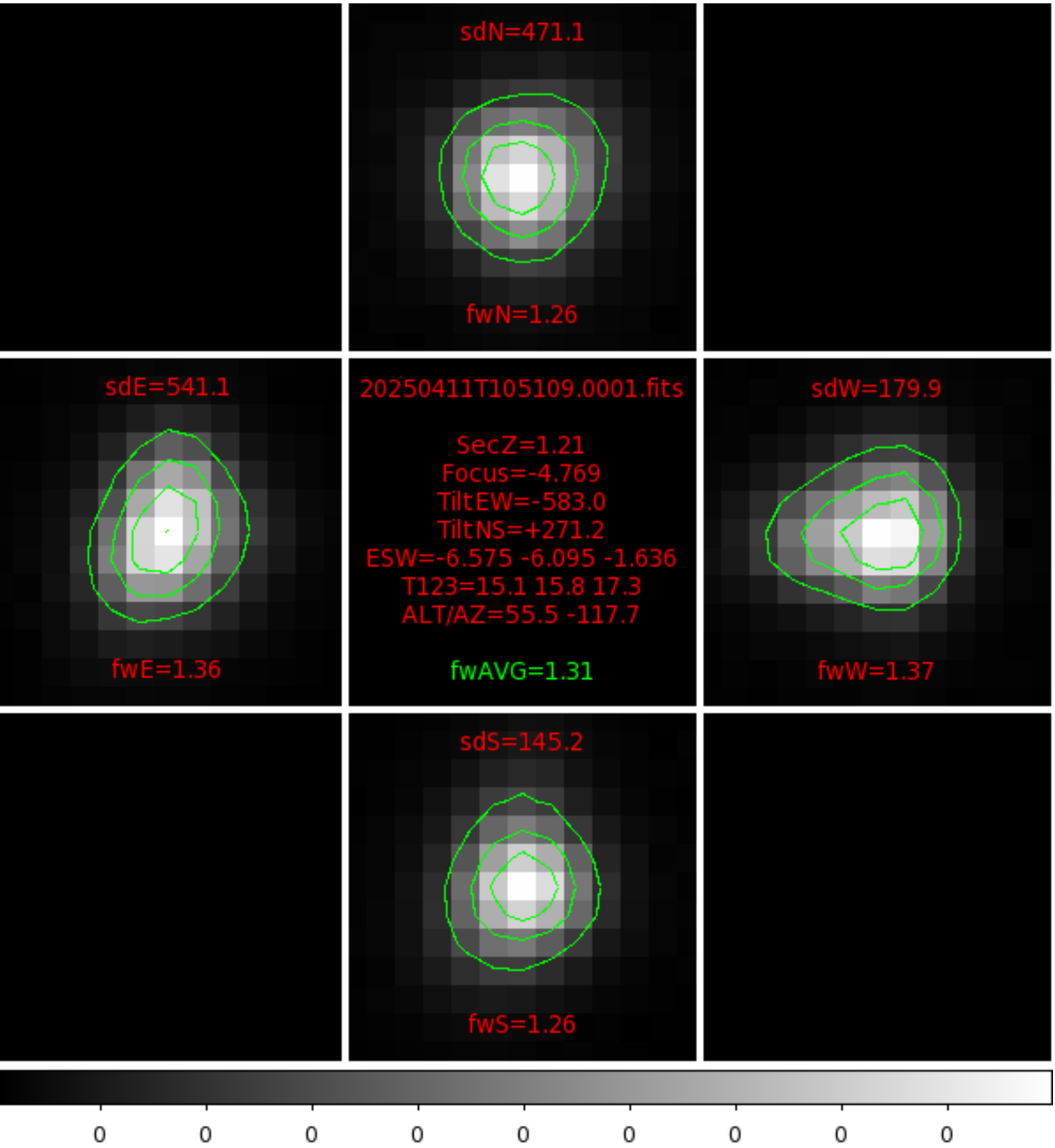
sdN=471.1
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sdE=541.1
fwE=1.36
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SecZ=1.21
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.8 17.3
ALT/AZ=55.5 -117.7
fwAVG=1.31
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sdS=145.2
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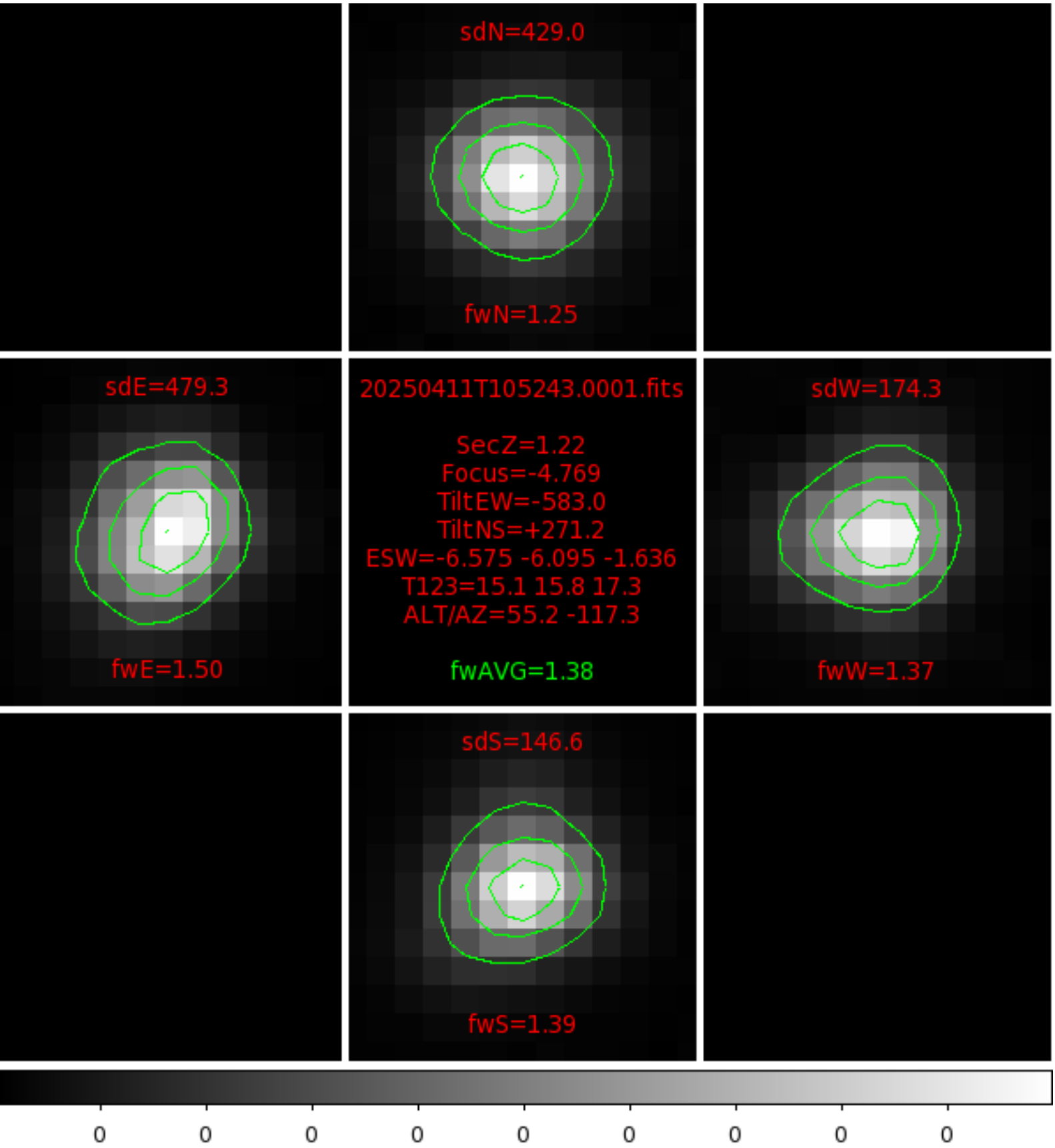
sdN=429.0
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sdE=479.3
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20250411T105243.0001.fits
SecZ=1.22
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.8 17.3
ALT/AZ=55.2 -117.3
fwAVG=1.38
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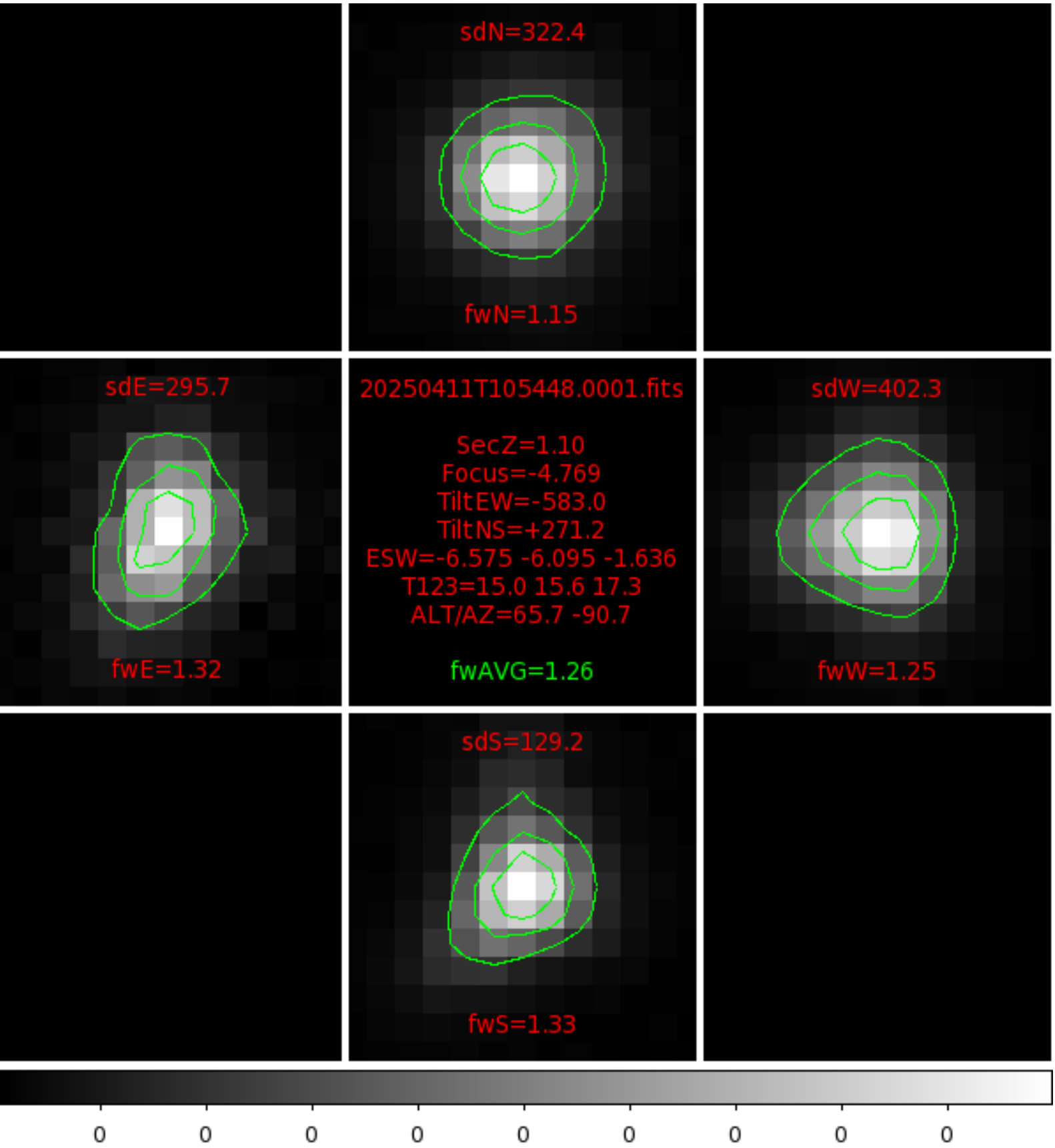
sdN=322.4
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sdE=295.7
fwE=1.32
20250411T105448.0001.fits
SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.6 17.3
ALT/AZ=65.7 -90.7
fwAVG=1.26
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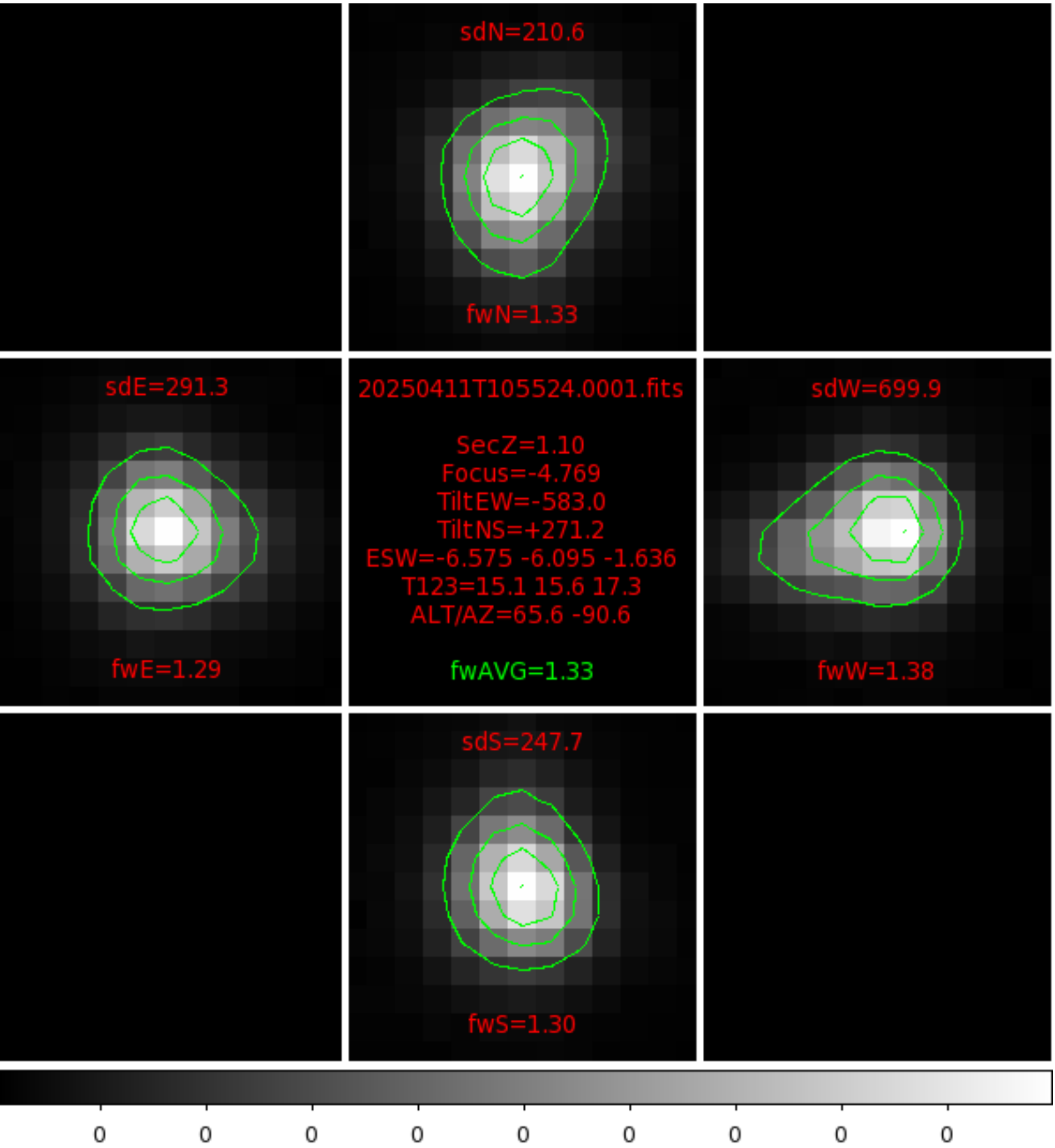
sdN=210.6
fwN=1.33
sdE=291.3
fwE=1.29
20250411T105524.0001.fits
SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.6 17.3
ALT/AZ=65.6 -90.6
fwAVG=1.33
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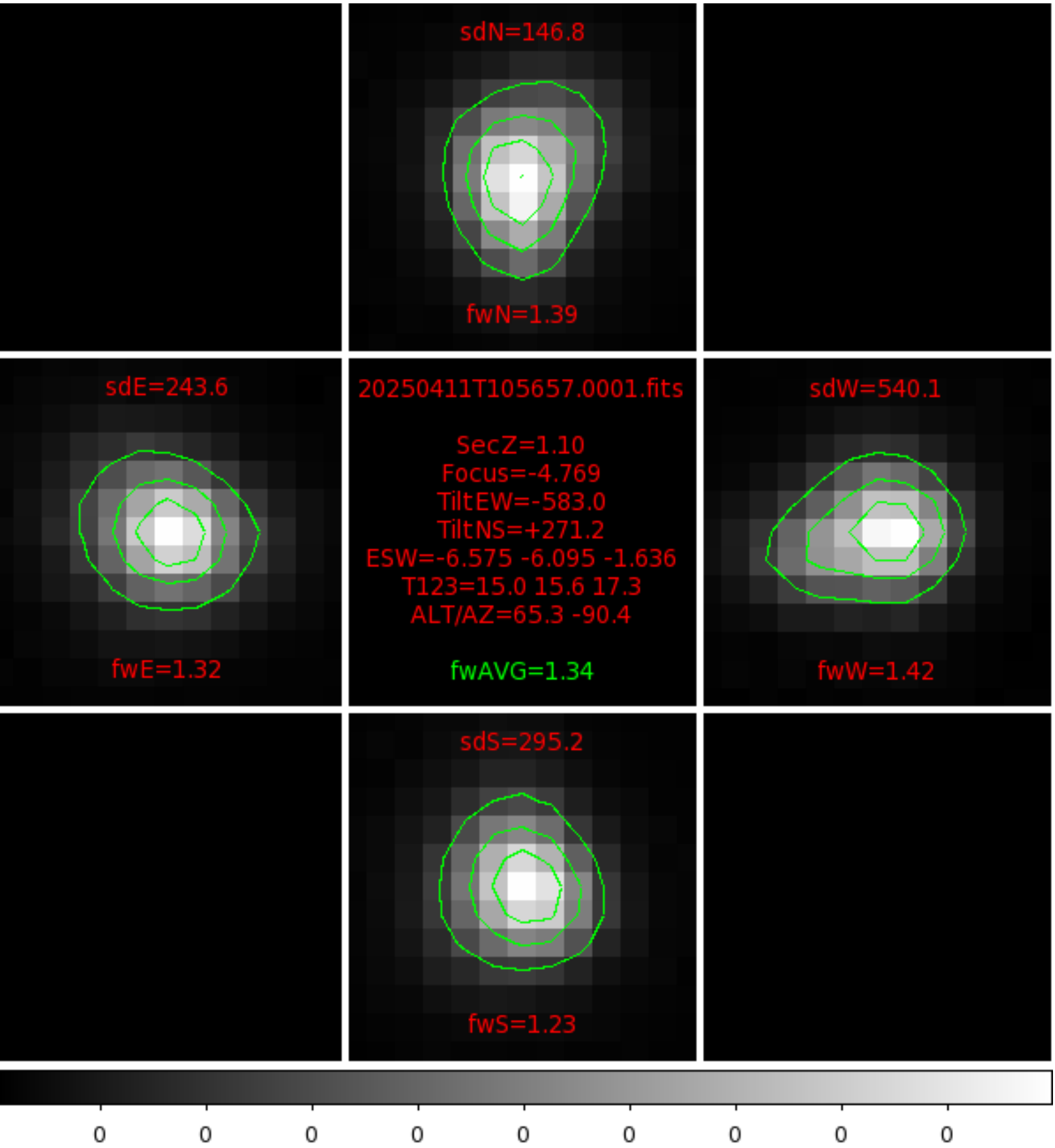
sdN=146.8
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fwE=1.32
20250411T105657.0001.fits
SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.6 17.3
ALT/AZ=65.3 -90.4
fwAVG=1.34
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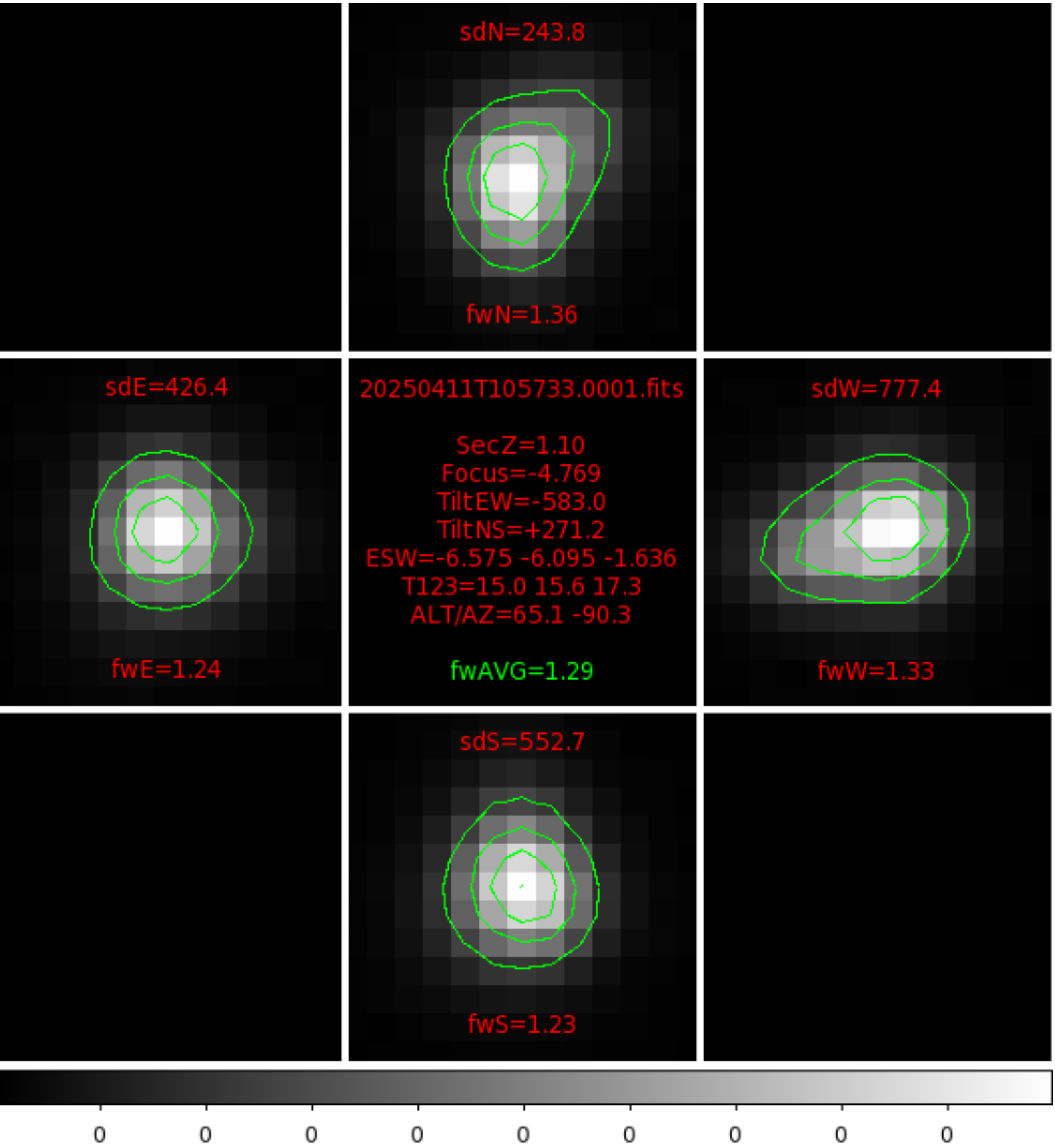
sdN=243.8
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sdE=426.4
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20250411T105733.0001.fits
SecZ=1.10
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.6 17.3
ALT/AZ=65.1 -90.3
fwAVG=1.29
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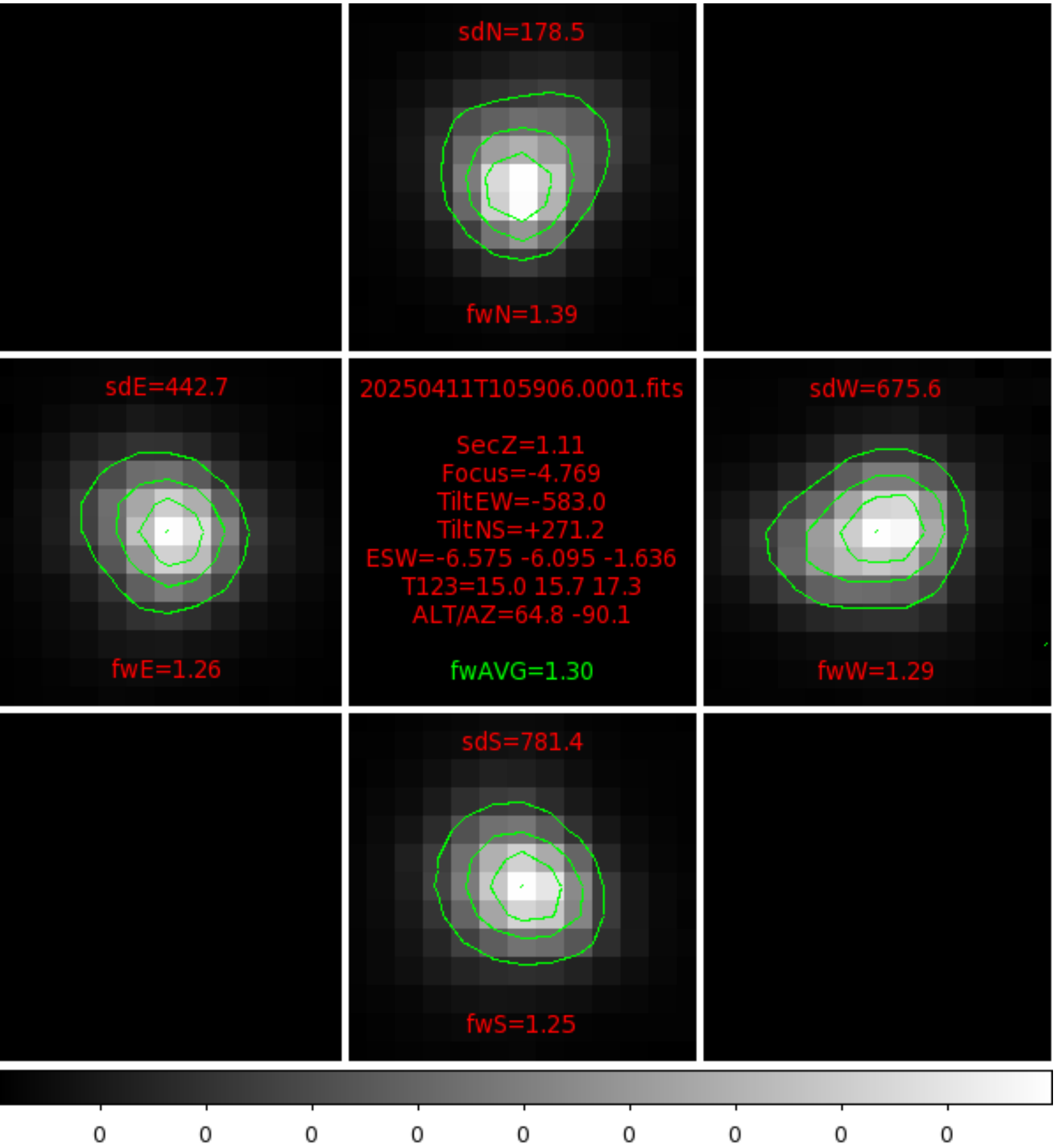
sdN=178.5
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sdE=442.7
fwE=1.26
20250411T105906.0001.fits
SecZ=1.11
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.7 17.3
ALT/AZ=64.8 -90.1
fwAVG=1.30
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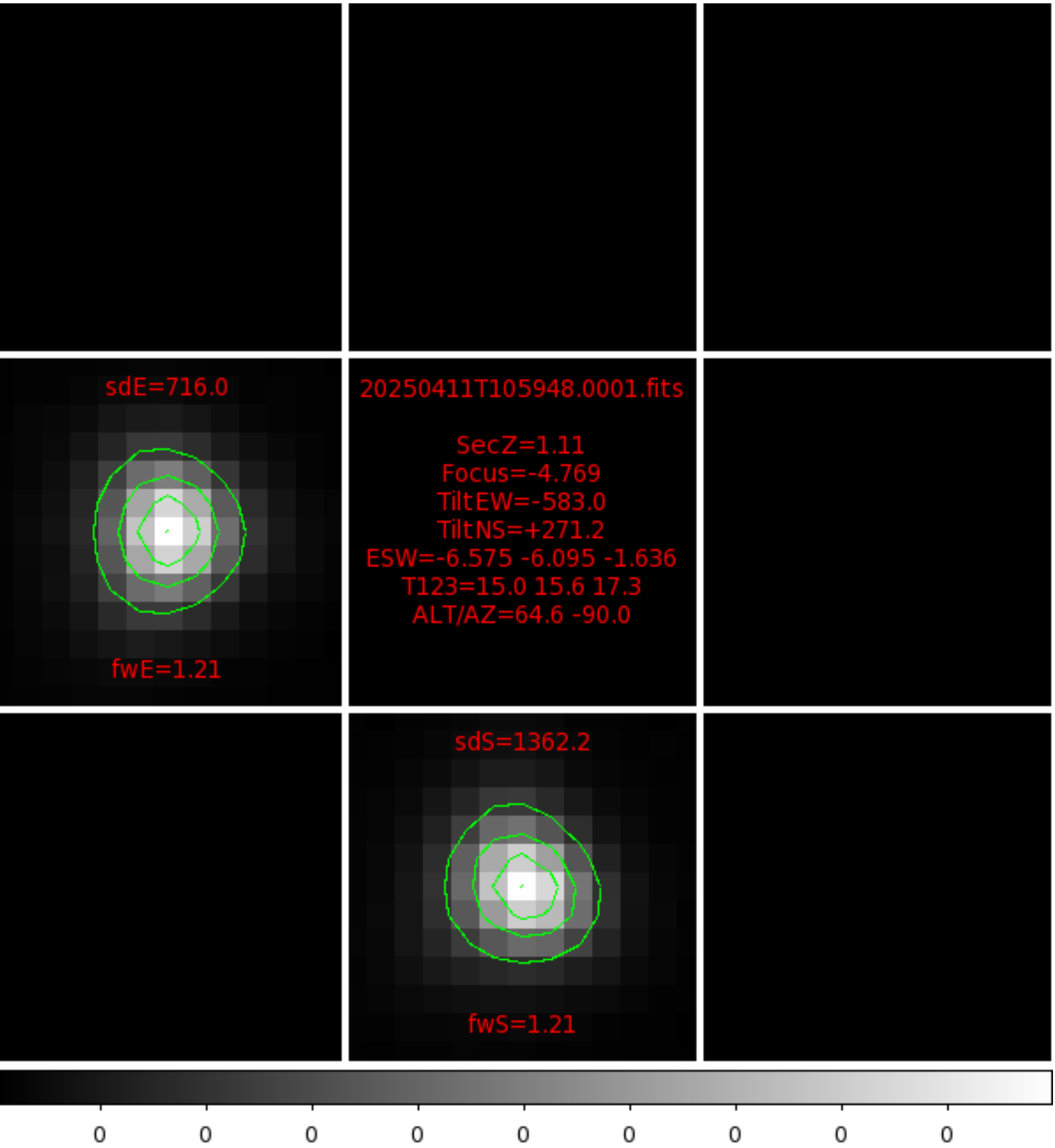
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SecZ=1.11
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.6 17.3
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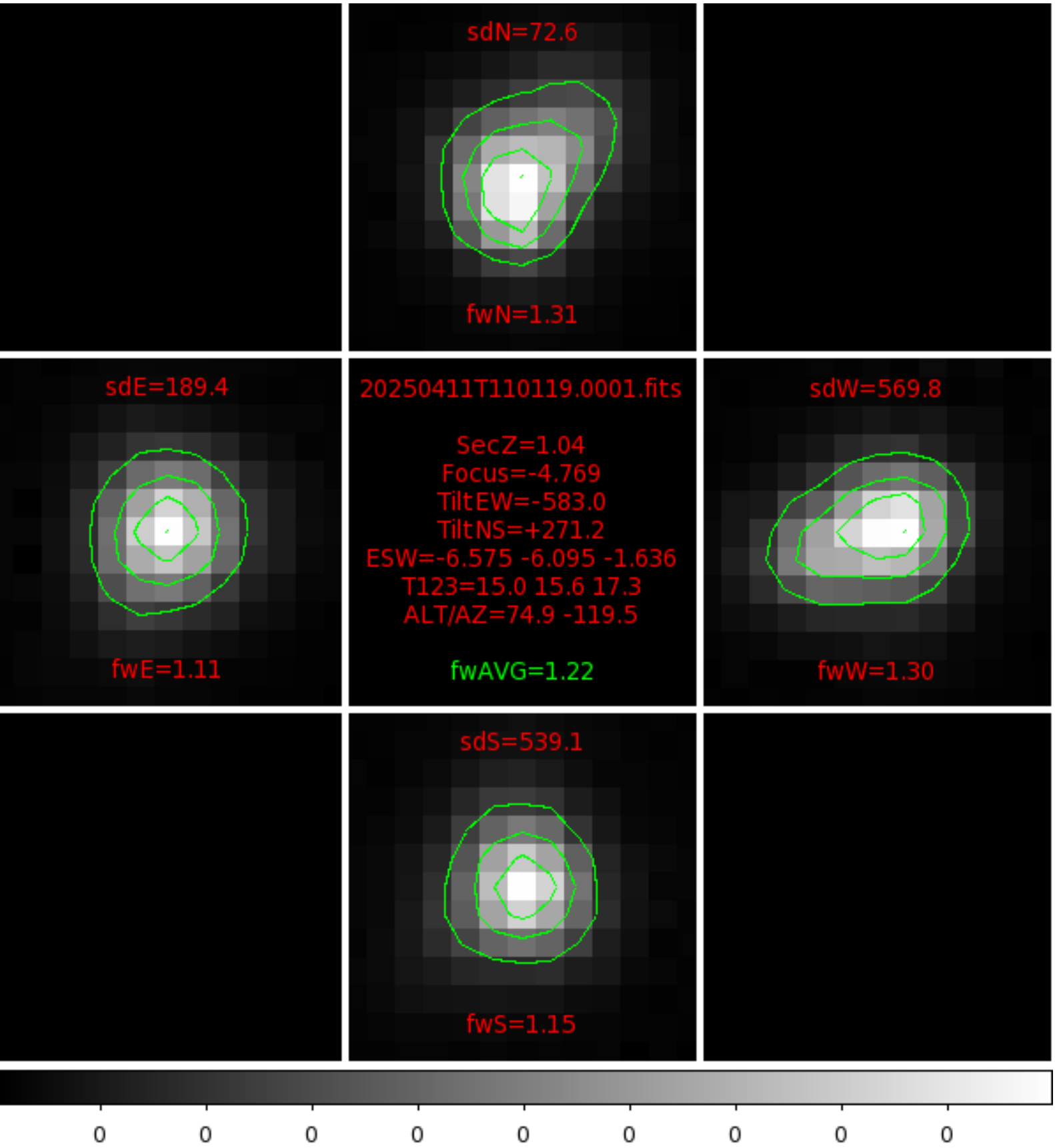
sdN=72.6
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sdE=189.4
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SecZ=1.04
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.6 17.3
ALT/AZ=74.9 -119.5
fwAVG=1.22
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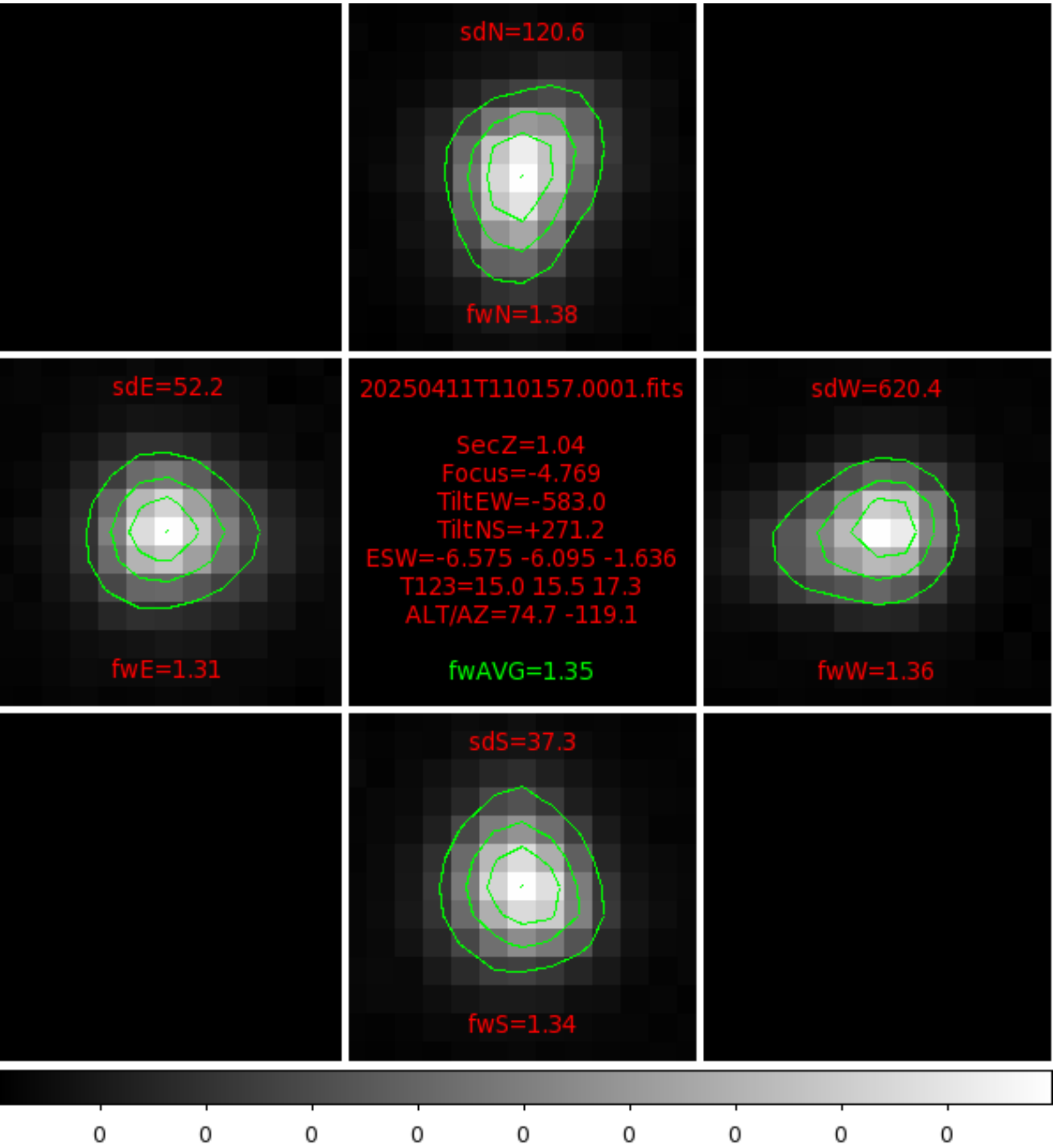
sdN=120.6
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SecZ=1.04
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.5 17.3
ALT/AZ=74.7 -119.1
fwAVG=1.35
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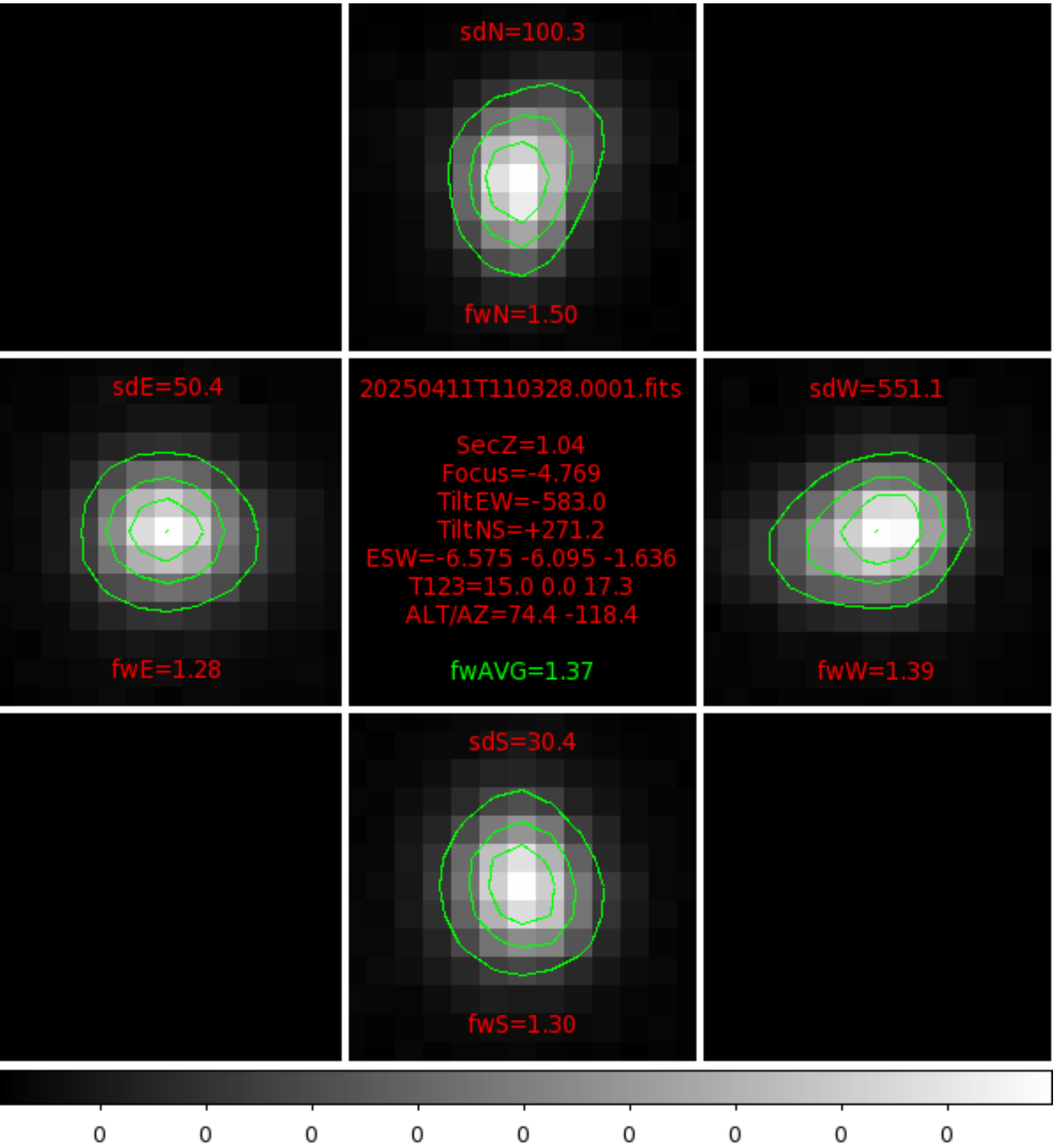
sdN=100.3
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SecZ=1.04
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 0.0 17.3
ALT/AZ=74.4 -118.4
fwAVG=1.37
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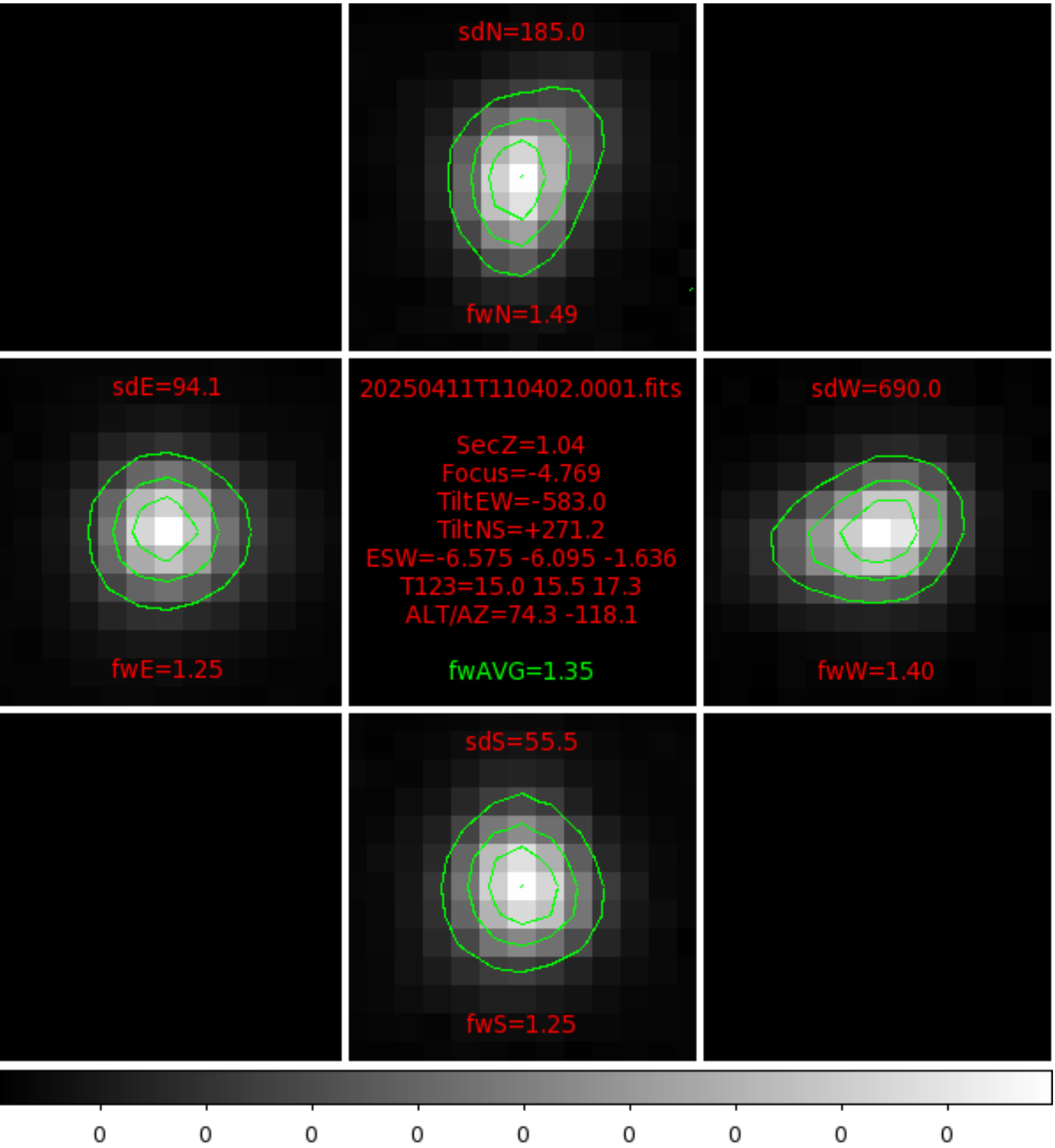
sdN=185.0
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SecZ=1.04
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.5 17.3
ALT/AZ=74.3 -118.1
fwAVG=1.35
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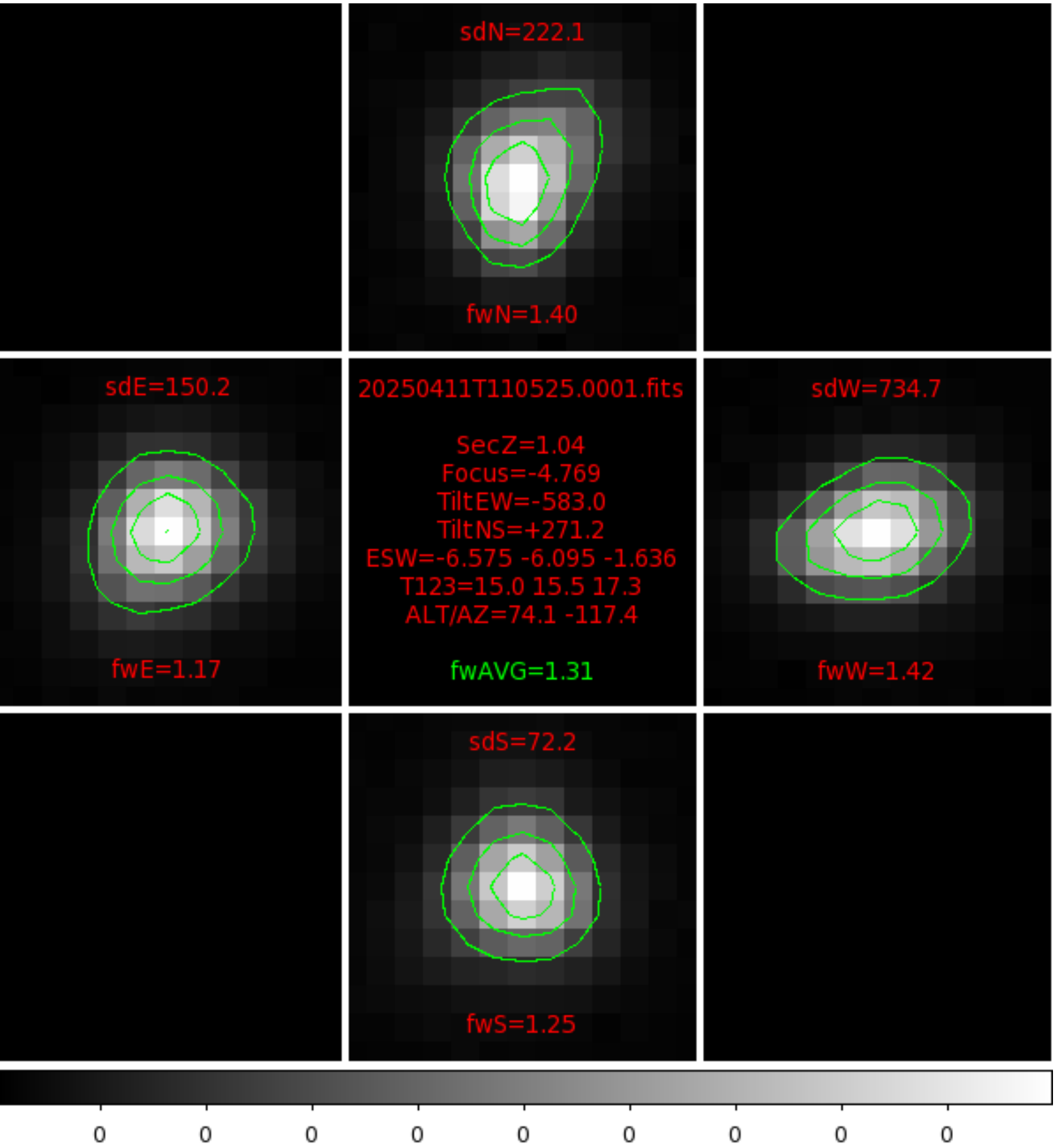
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SecZ=1.04
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.0 15.5 17.3
ALT/AZ=74.1 -117.4
fwAVG=1.31
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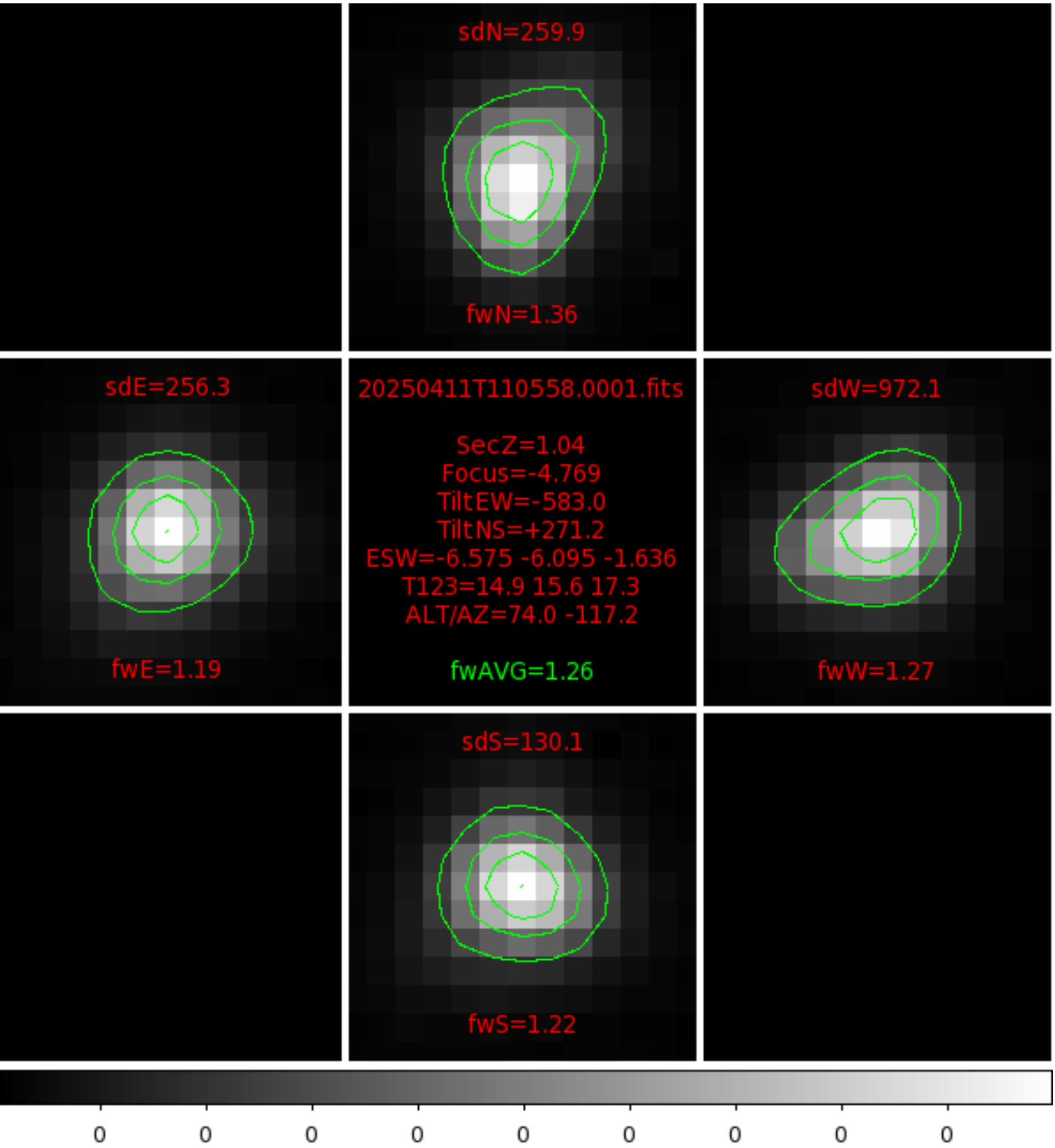
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sdE=256.3
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SecZ=1.04
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=14.9 15.6 17.3
ALT/AZ=74.0 -117.2
fwAVG=1.26
sdW=972.1
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sdS=130.1
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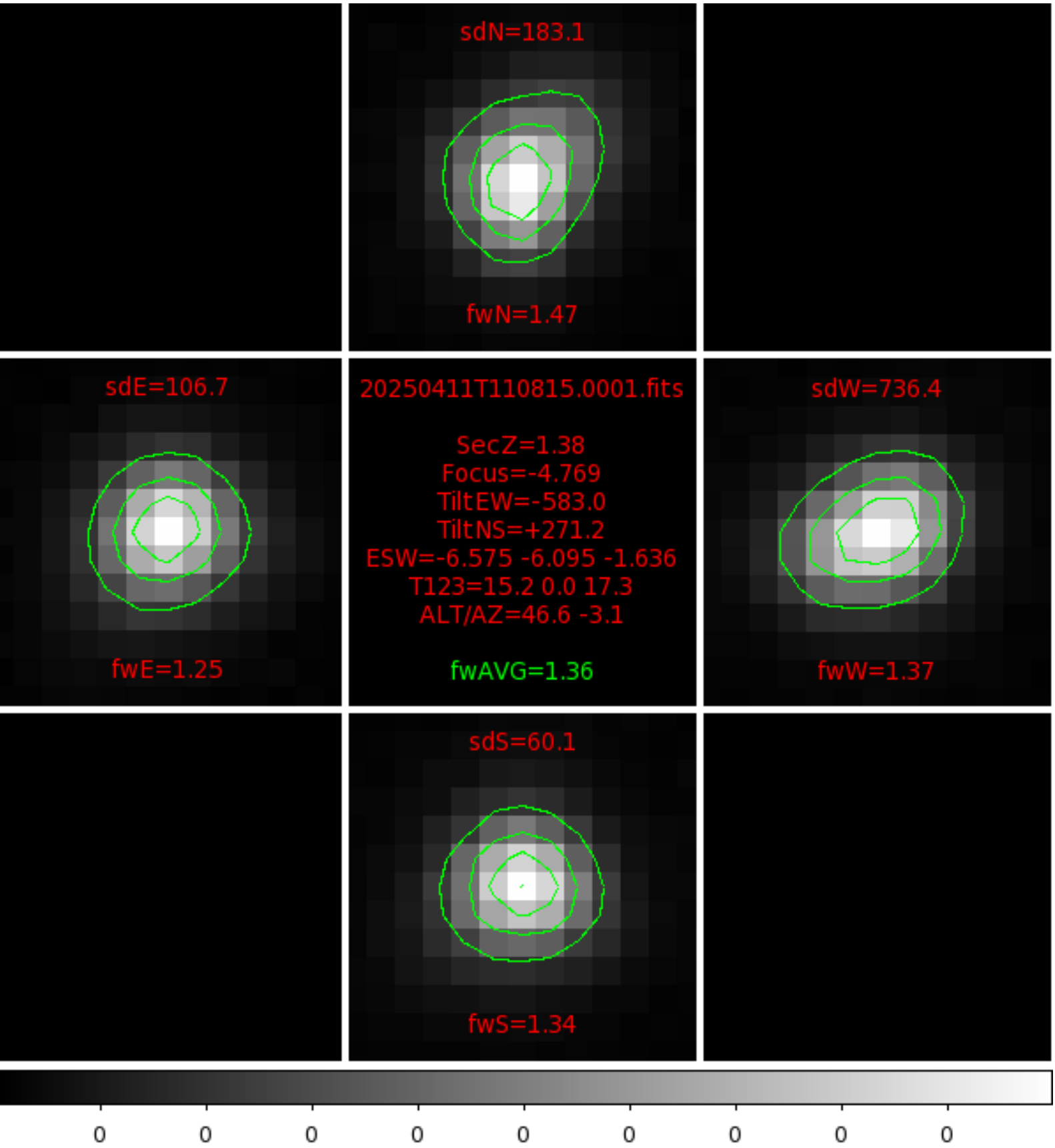
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sdE=106.7
fwE=1.25
20250411T110815.0001.fits
SecZ=1.38
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.2 0.0 17.3
ALT/AZ=46.6 -3.1
fwAVG=1.36
sdW=736.4
fwW=1.37
sdS=60.1
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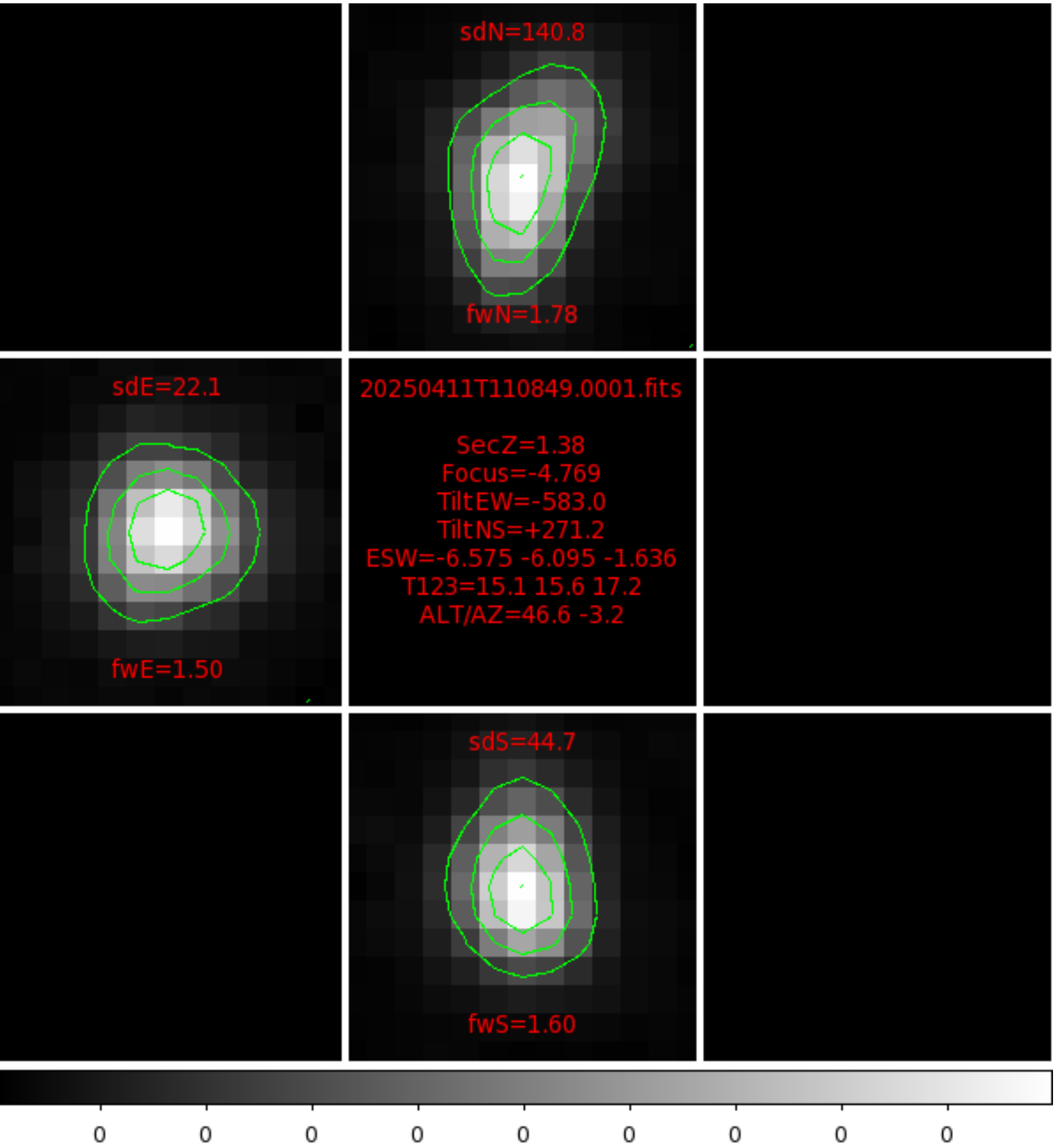
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fwN=1.78
sdE=22.1
fwE=1.50
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SecZ=1.38
Focus=-4.769
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.575 -6.095 -1.636
T123=15.1 15.6 17.2
ALT/AZ=46.6 -3.2
sdS=44.7
fwS=1.60
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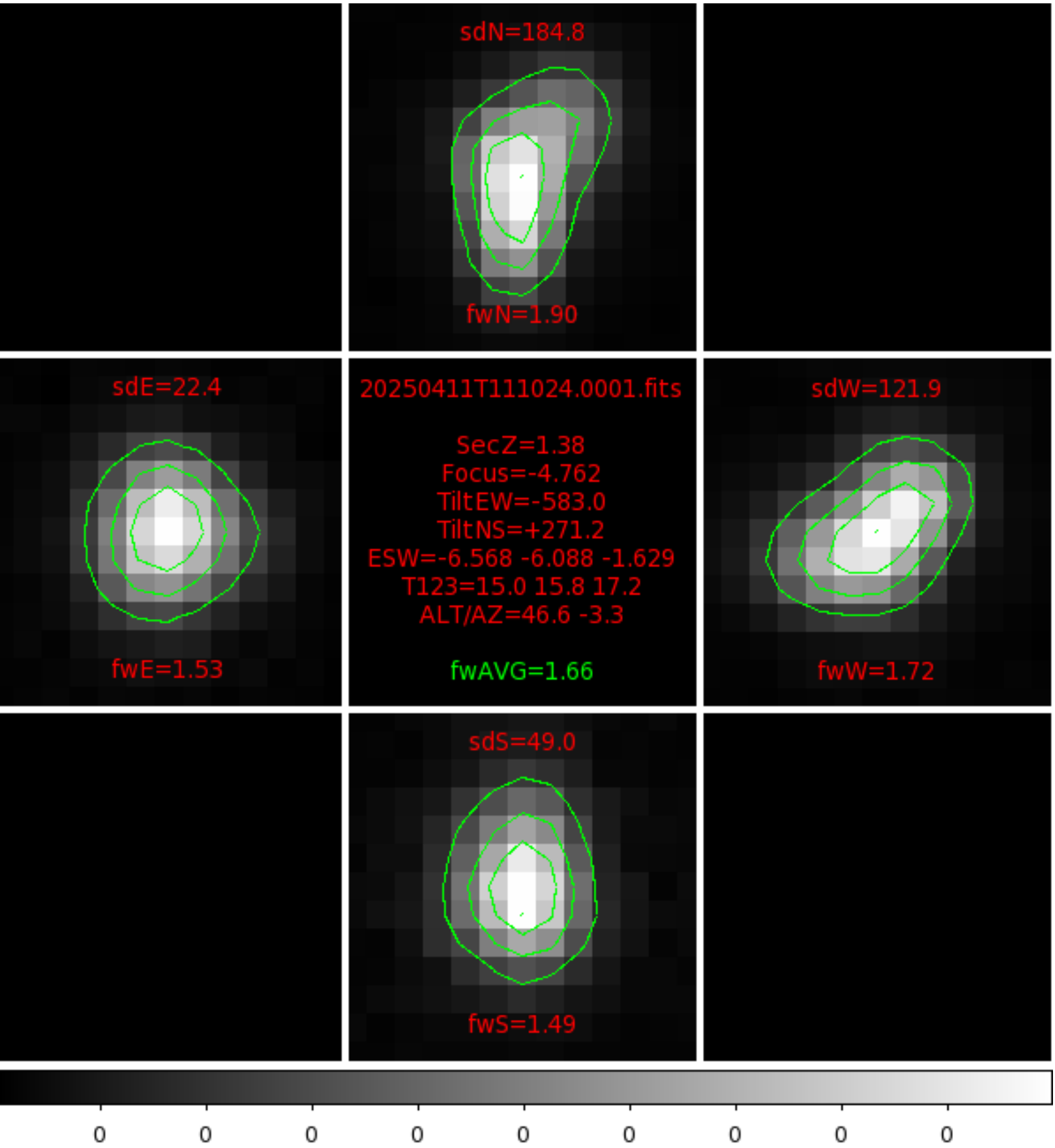
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sdE=22.4
fwE=1.53
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SecZ=1.38
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TiltNS=+271.2
ESW=-6.568 -6.088 -1.629
T123=15.0 15.8 17.2
ALT/AZ=46.6 -3.3
fwAVG=1.66
sdW=121.9
fwW=1.72
sdS=49.0
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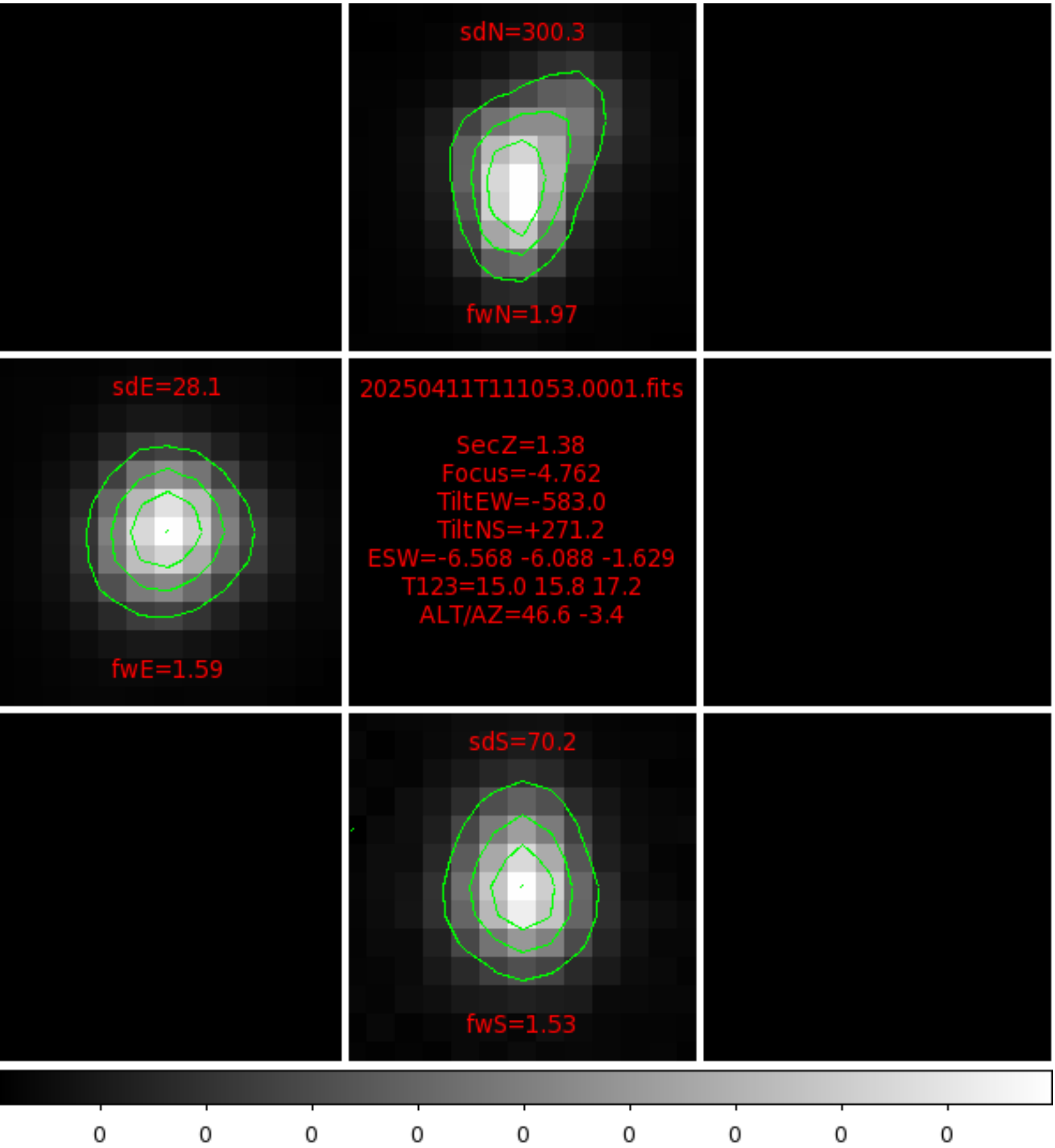
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SecZ=1.38
Focus=-4.762
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.568 -6.088 -1.629
T123=15.0 15.8 17.2
ALT/AZ=46.6 -3.4
sdS=70.2
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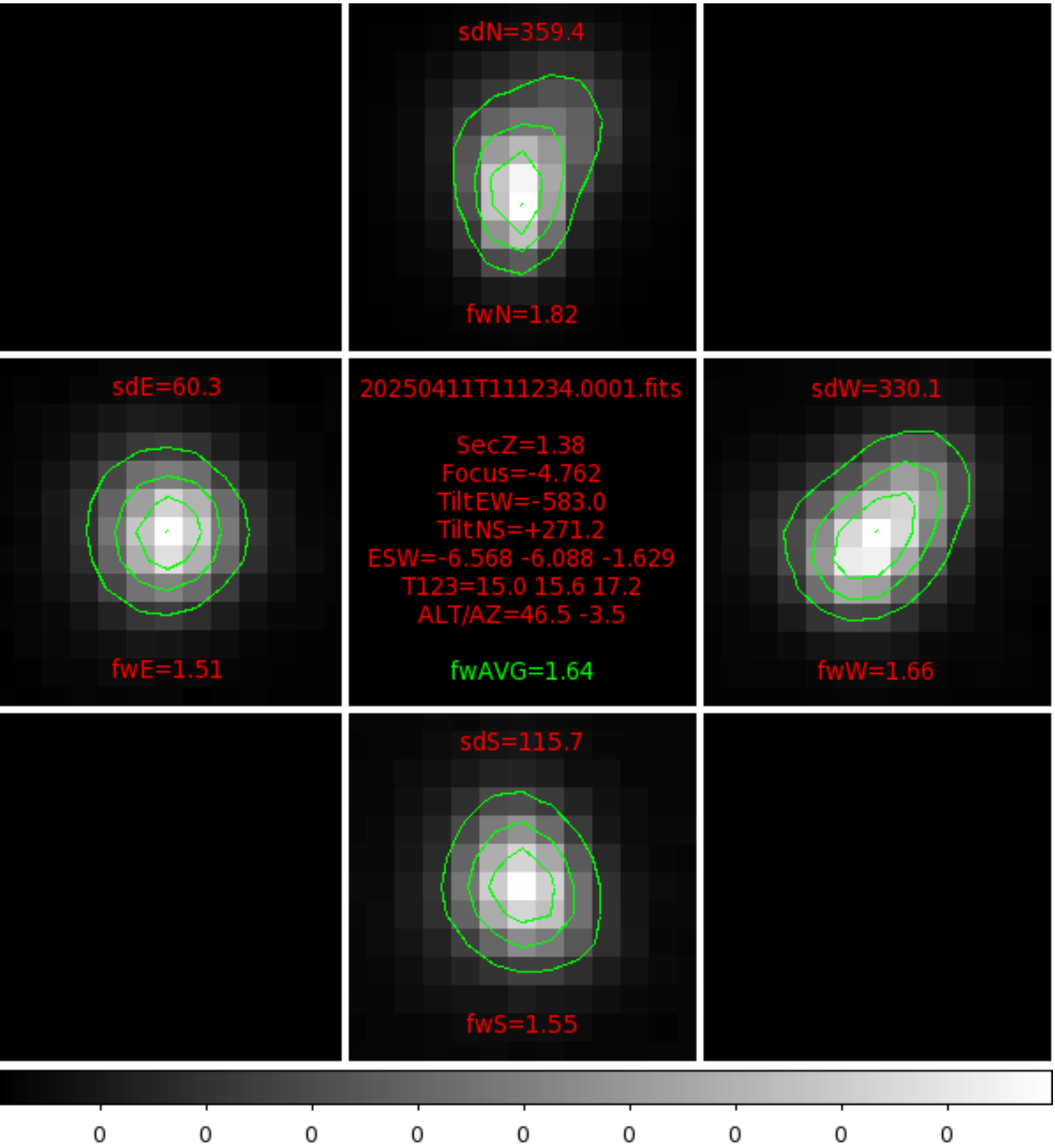
sdN=359.4
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sdE=60.3
fwE=1.51
20250411T111234.0001.fits
SecZ=1.38
Focus=-4.762
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.568 -6.088 -1.629
T123=15.0 15.6 17.2
ALT/AZ=46.5 -3.5
fwAVG=1.64
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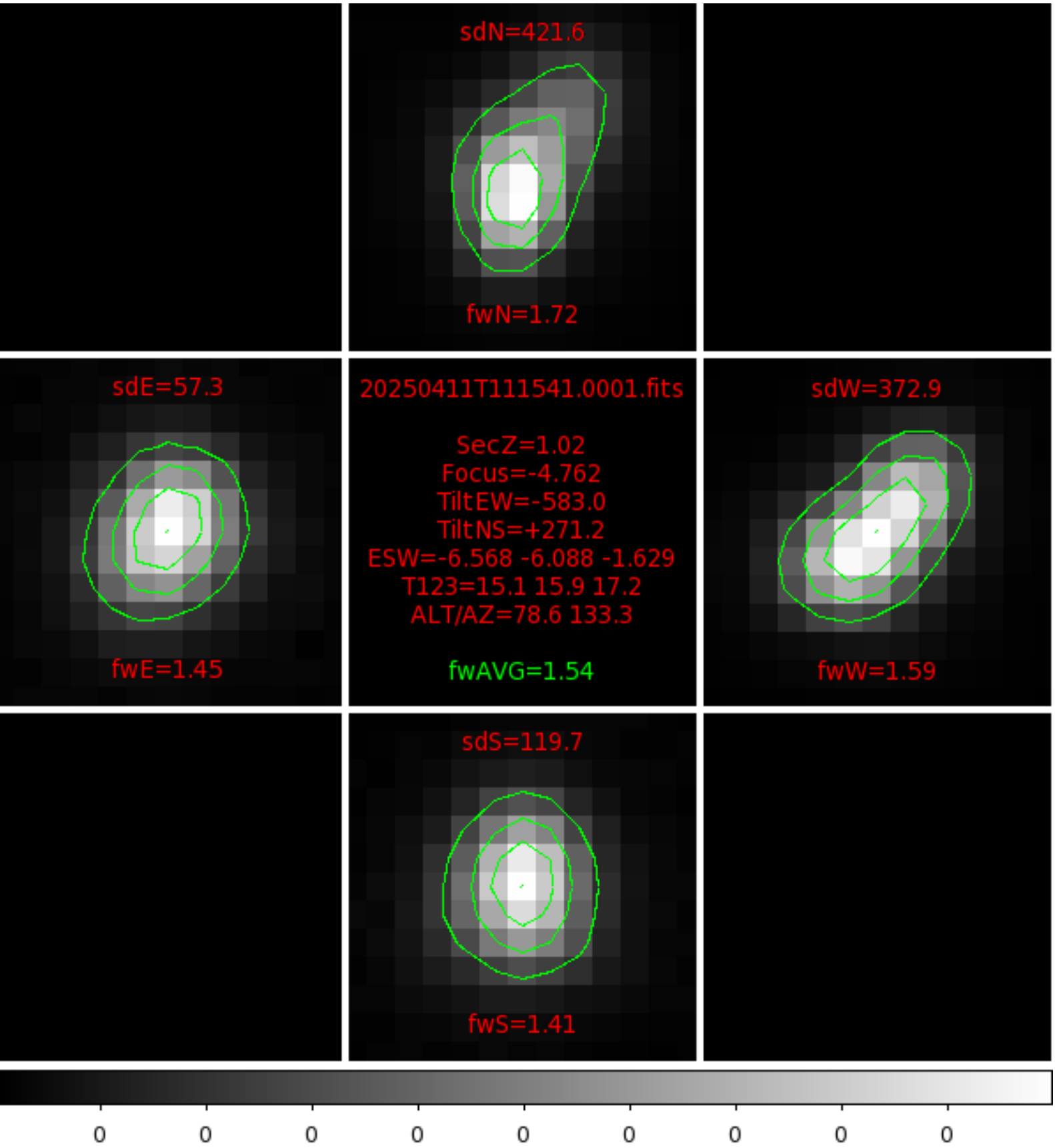
sdN=421.6
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sdE=57.3
fwE=1.45
20250411T111541.0001.fits
SecZ=1.02
Focus=-4.762
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.568 -6.088 -1.629
T123=15.1 15.9 17.2
ALT/AZ=78.6 133.3
fwAVG=1.54
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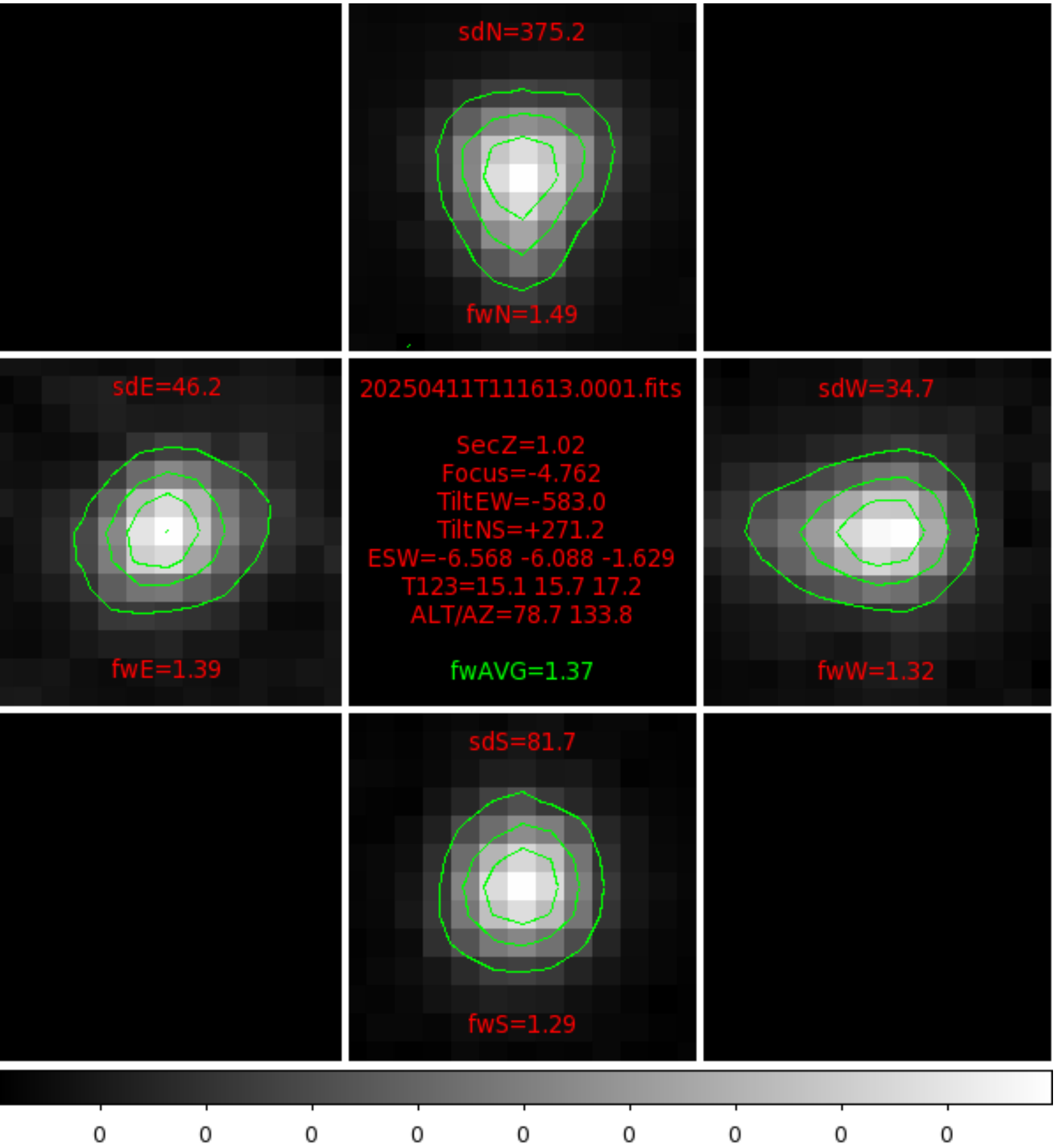
sdN=375.2
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sdE=46.2
fwE=1.39
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SecZ=1.02
Focus=-4.762
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.568 -6.088 -1.629
T123=15.1 15.7 17.2
ALT/AZ=78.7 133.8
fwAVG=1.37
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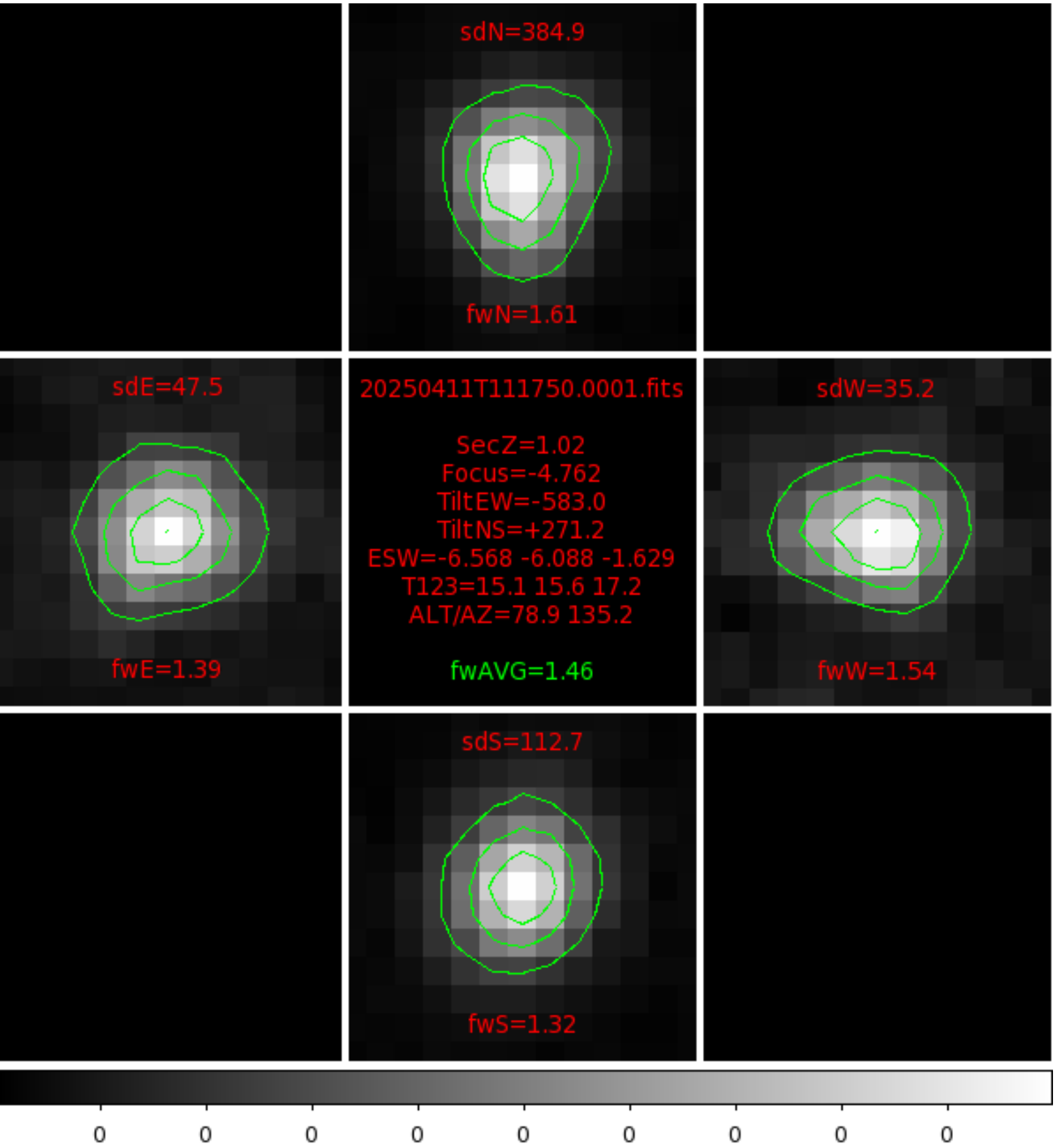
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sdE=47.5
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20250411T111750.0001.fits
SecZ=1.02
Focus=-4.762
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.568 -6.088 -1.629
T123=15.1 15.6 17.2
ALT/AZ=78.9 135.2
fwAVG=1.46
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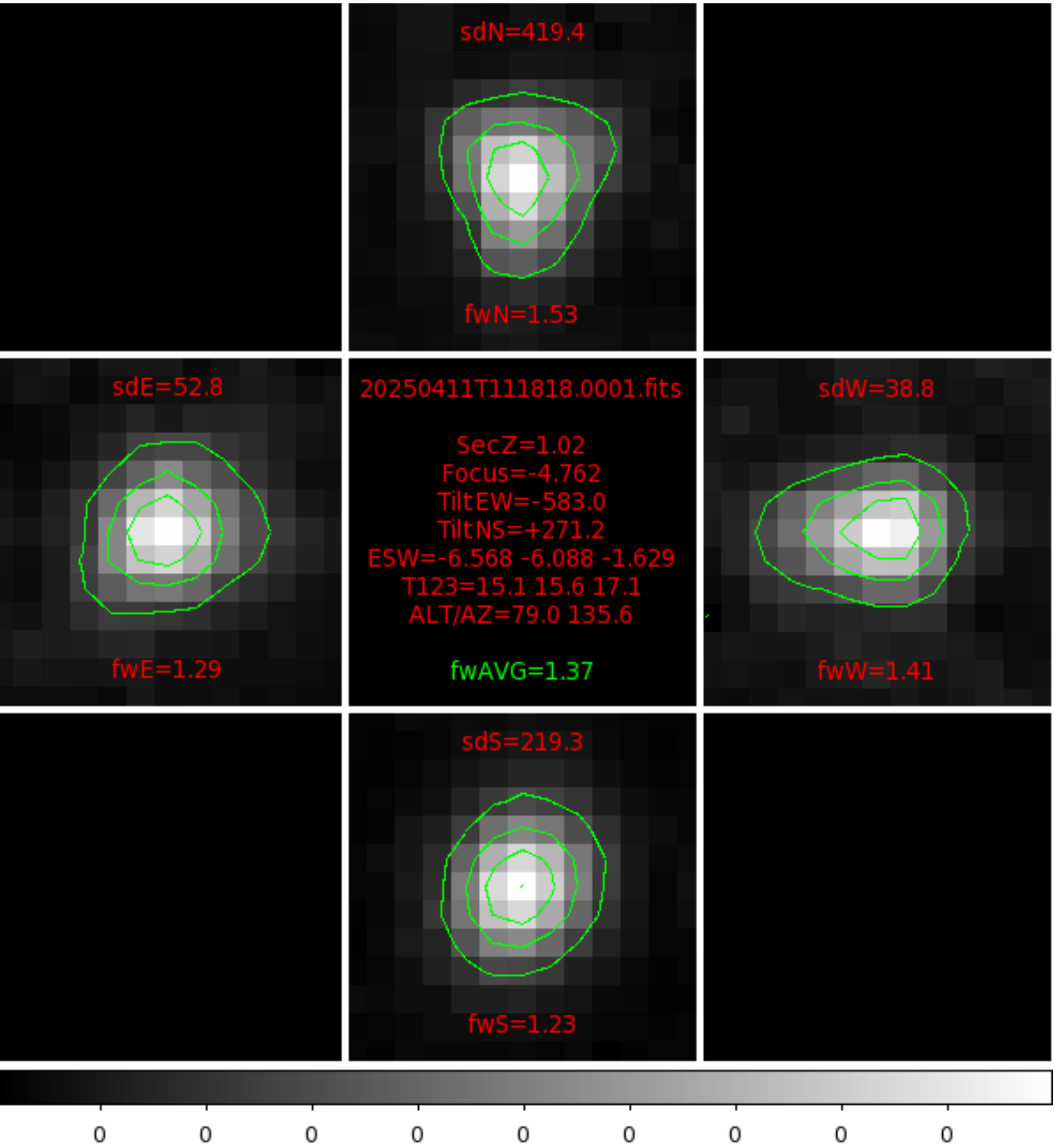
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sdE=52.8
fwE=1.29
20250411T111818.0001.fits
SecZ=1.02
Focus=-4.762
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.568 -6.088 -1.629
T123=15.1 15.6 17.1
ALT/AZ=79.0 135.6
fwAVG=1.37
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sdS=219.3
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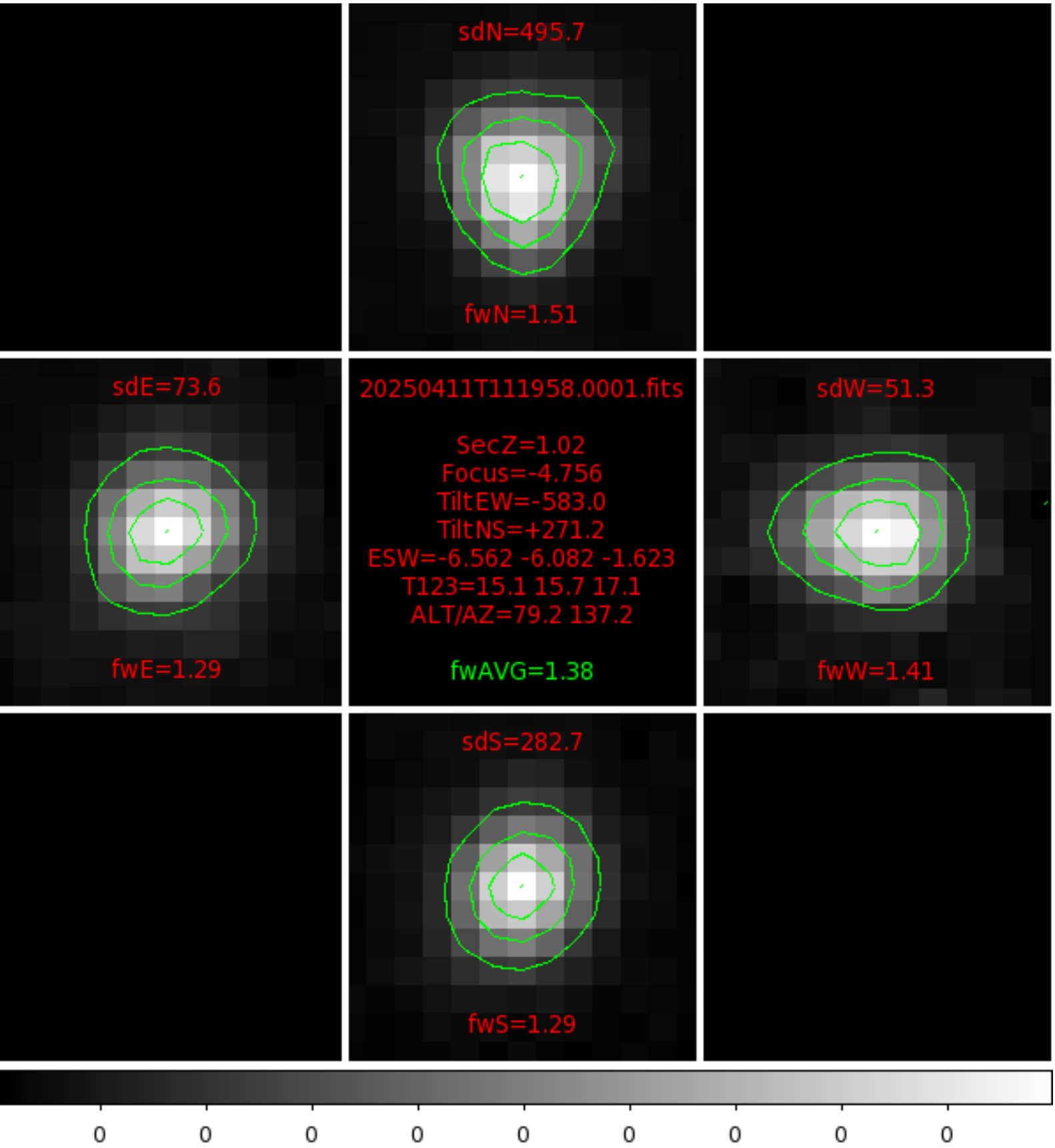
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sdE=73.6
fwE=1.29
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SecZ=1.02
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=15.1 15.7 17.1
ALT/AZ=79.2 137.2
fwAVG=1.38
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sdS=282.7
fwS=1.29
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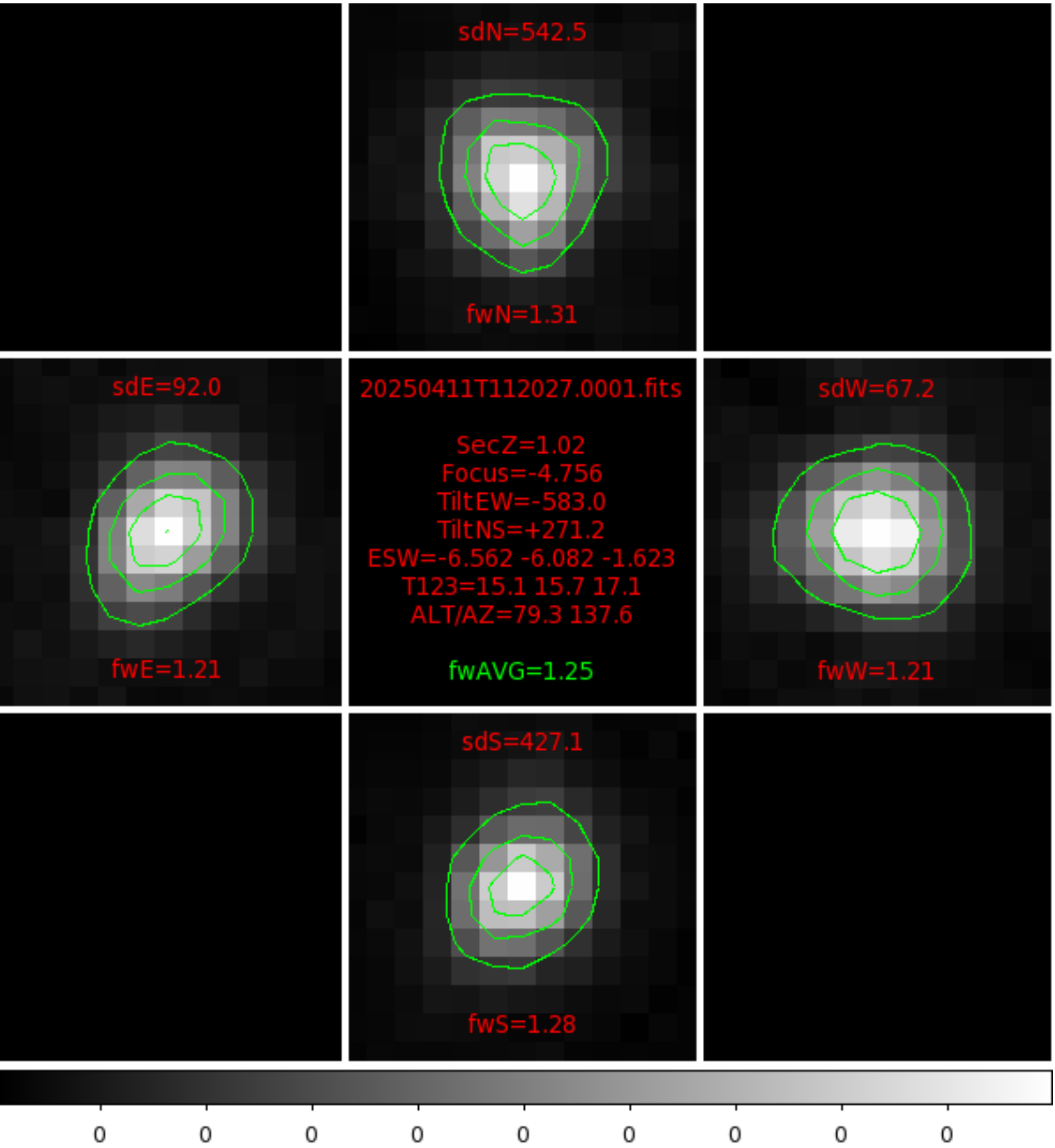
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fwN=1.31
sdE=92.0
fwE=1.21
20250411T112027.0001.fits
SecZ=1.02
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=15.1 15.7 17.1
ALT/AZ=79.3 137.6
fwAVG=1.25
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fwW=1.21
sdS=427.1
fwS=1.28
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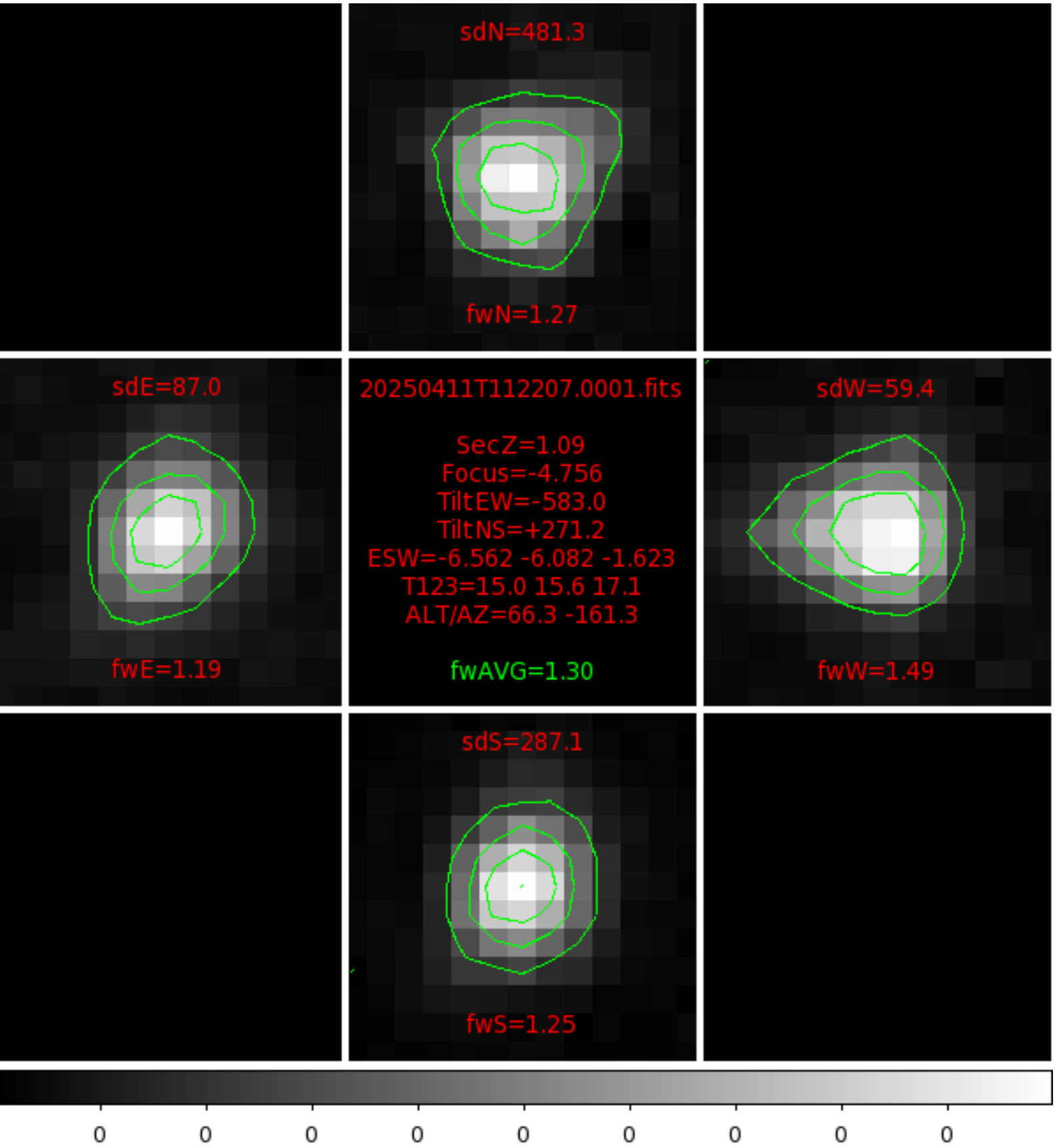
sdN=481.3
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SecZ=1.09
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=15.0 15.6 17.1
ALT/AZ=66.3 -161.3
fwAVG=1.30
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sdS=287.1
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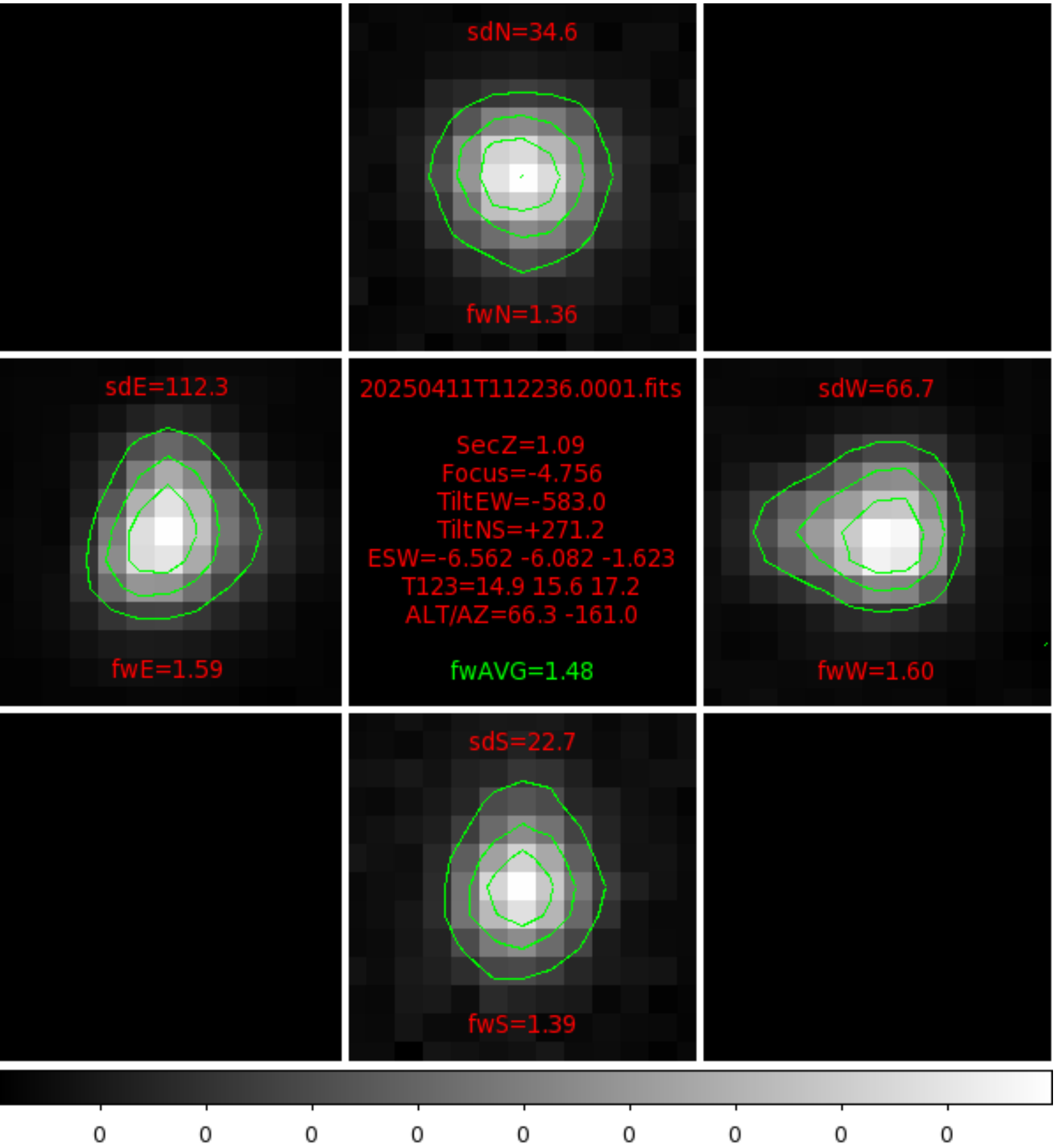
sdN=34.6
fwN=1.36
sdE=112.3
fwE=1.59
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SecZ=1.09
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.9 15.6 17.2
ALT/AZ=66.3 -161.0
fwAVG=1.48
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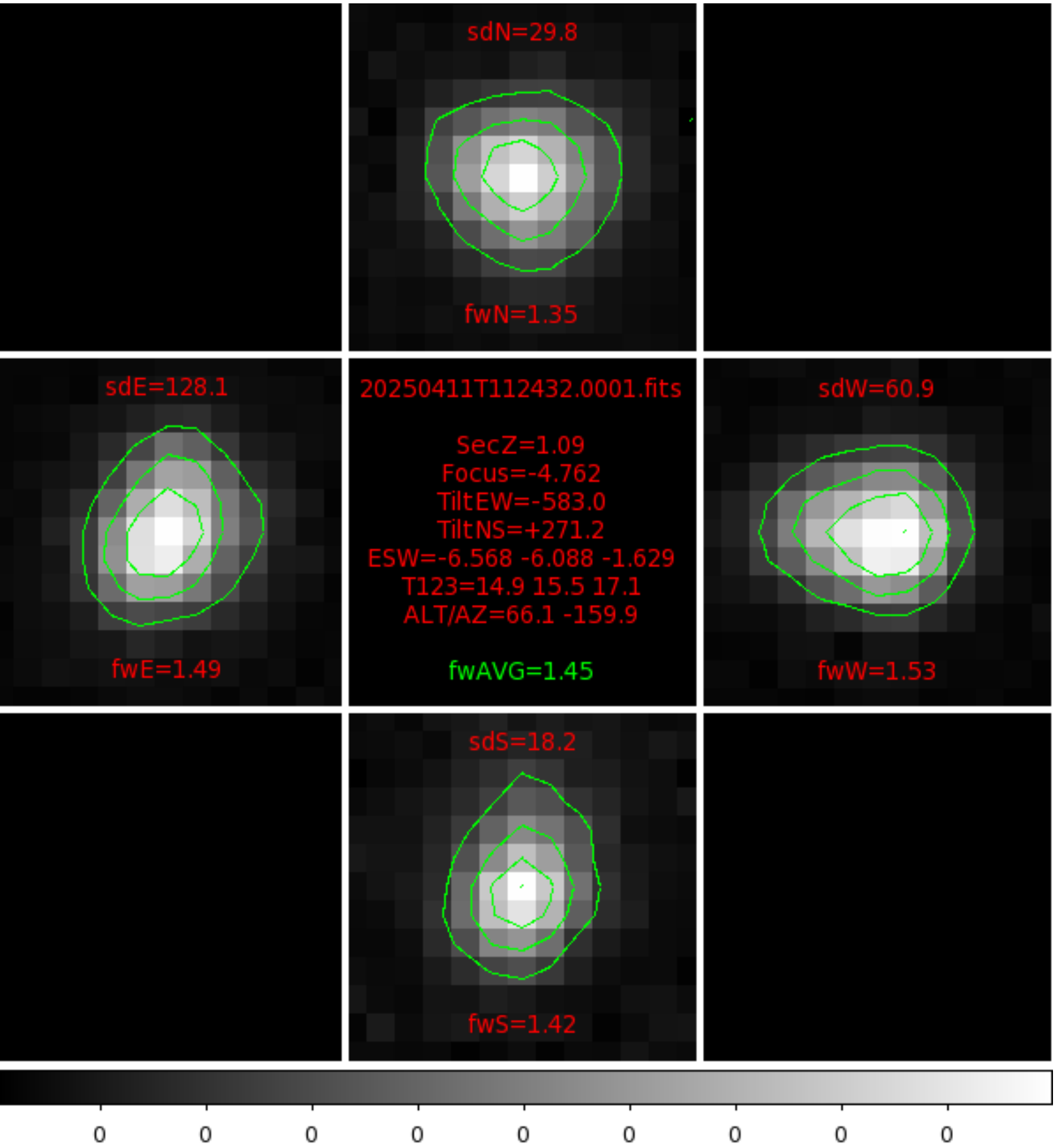
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sdE=128.1
fwE=1.49
20250411T112432.0001.fits
SecZ=1.09
Focus=-4.762
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.568 -6.088 -1.629
T123=14.9 15.5 17.1
ALT/AZ=66.1 -159.9
fwAVG=1.45
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sdS=18.2
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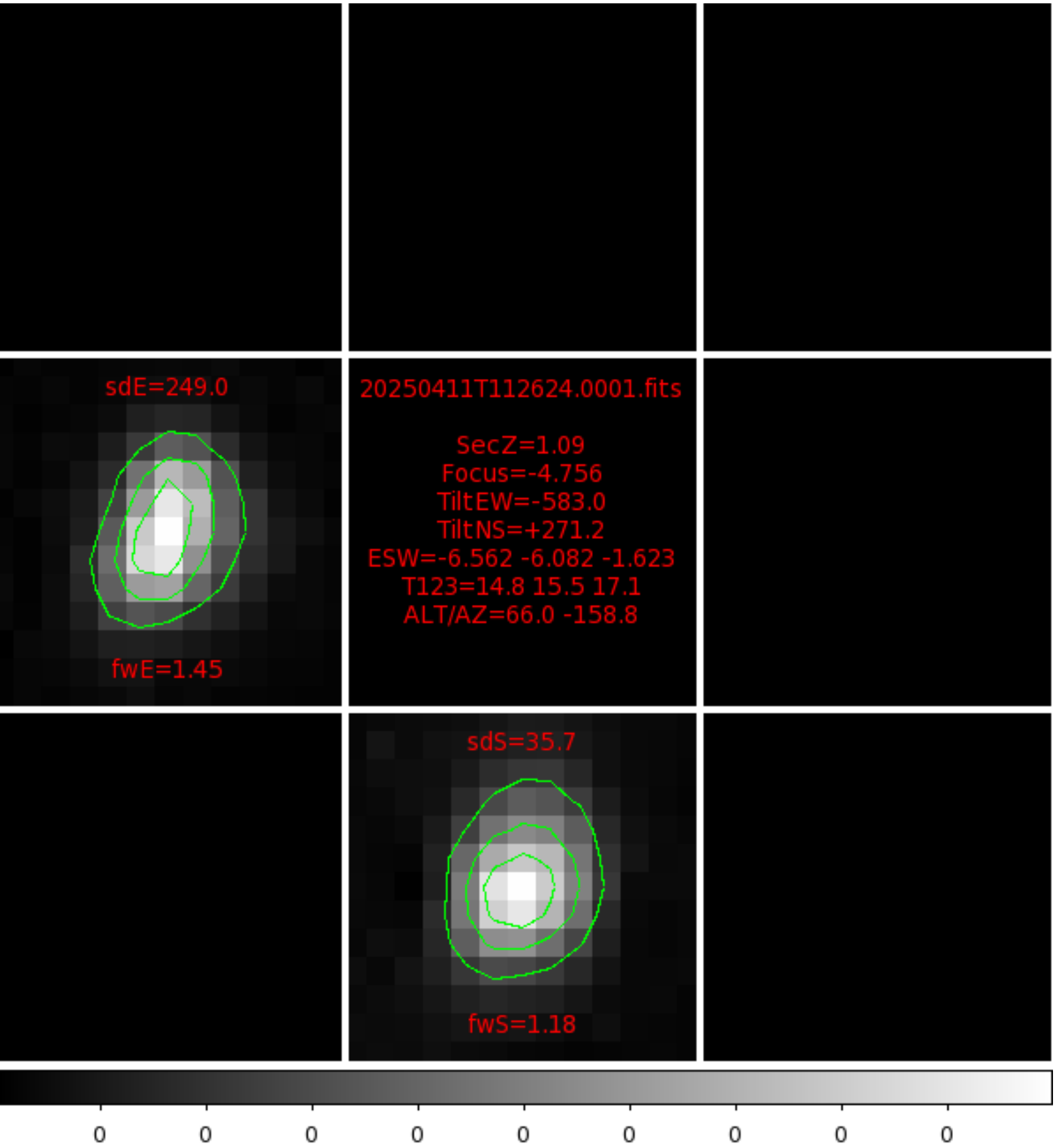
sdE=249.0
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SecZ=1.09
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.5 17.1
ALT/AZ=66.0 -158.8
sdS=35.7
fwS=1.18
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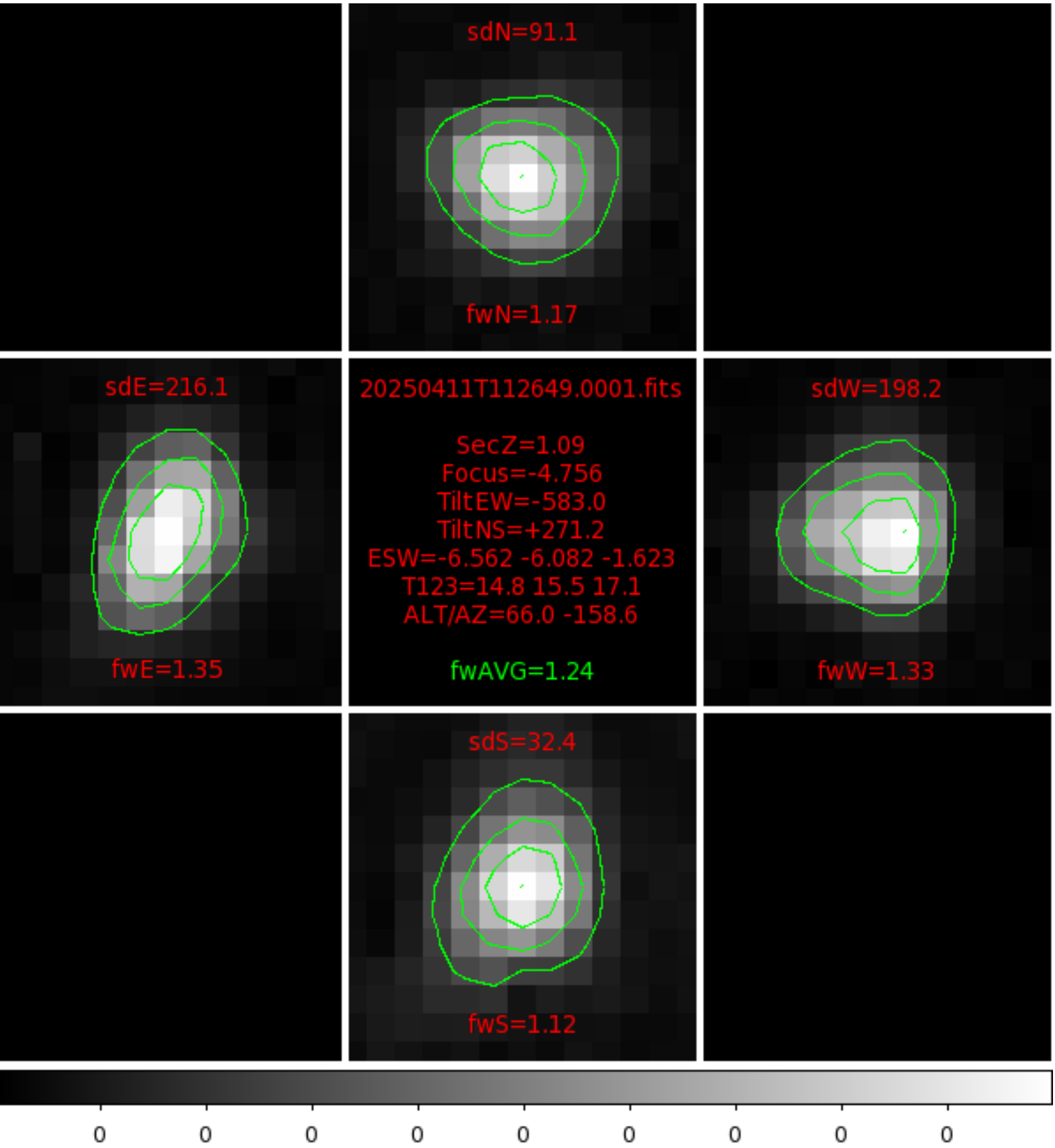
sdN=91.1
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SecZ=1.09
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.5 17.1
ALT/AZ=66.0 -158.6
fwAVG=1.24
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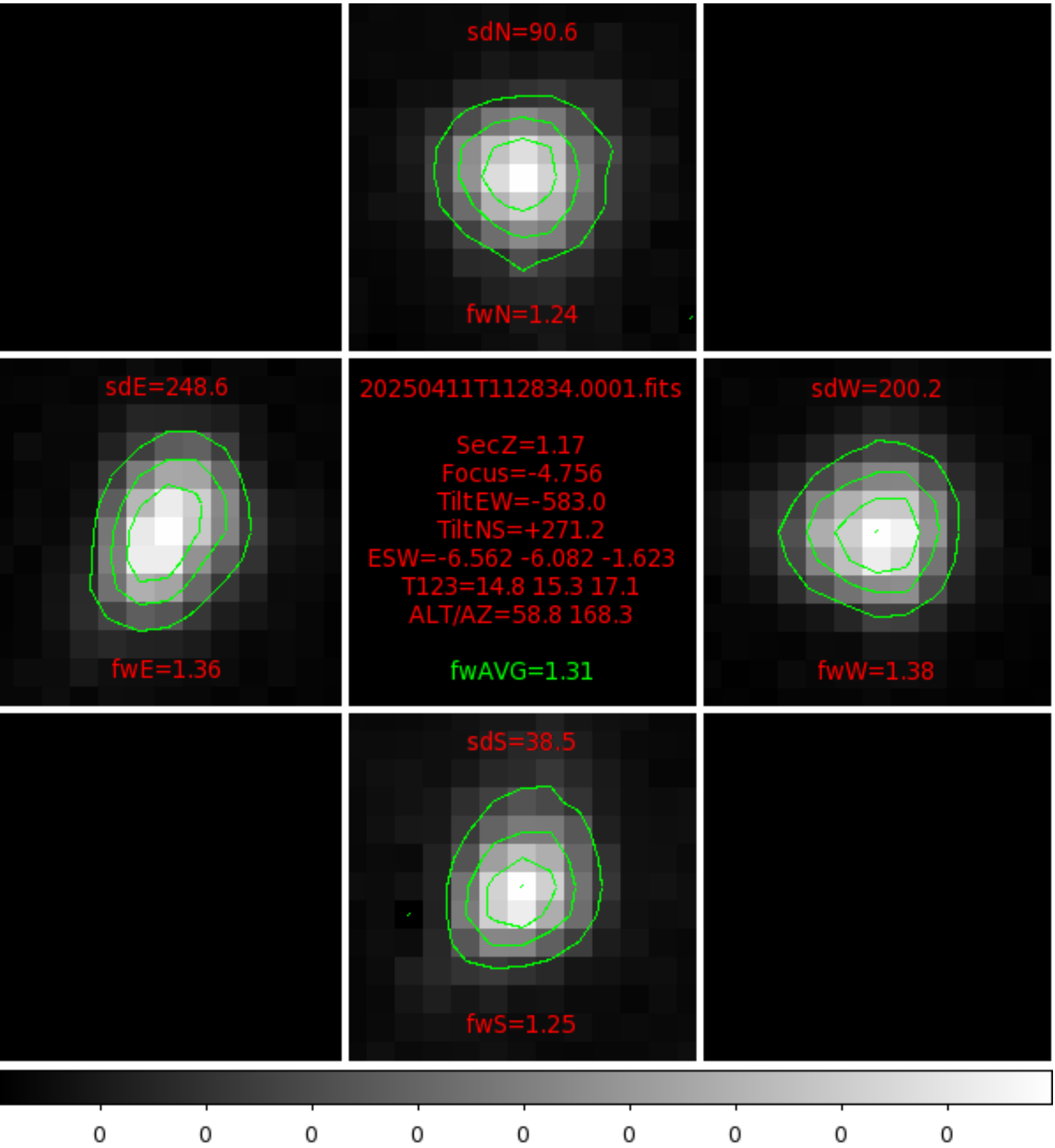
sdN=90.6
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sdE=248.6
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SecZ=1.17
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.3 17.1
ALT/AZ=58.8 168.3
fwAVG=1.31
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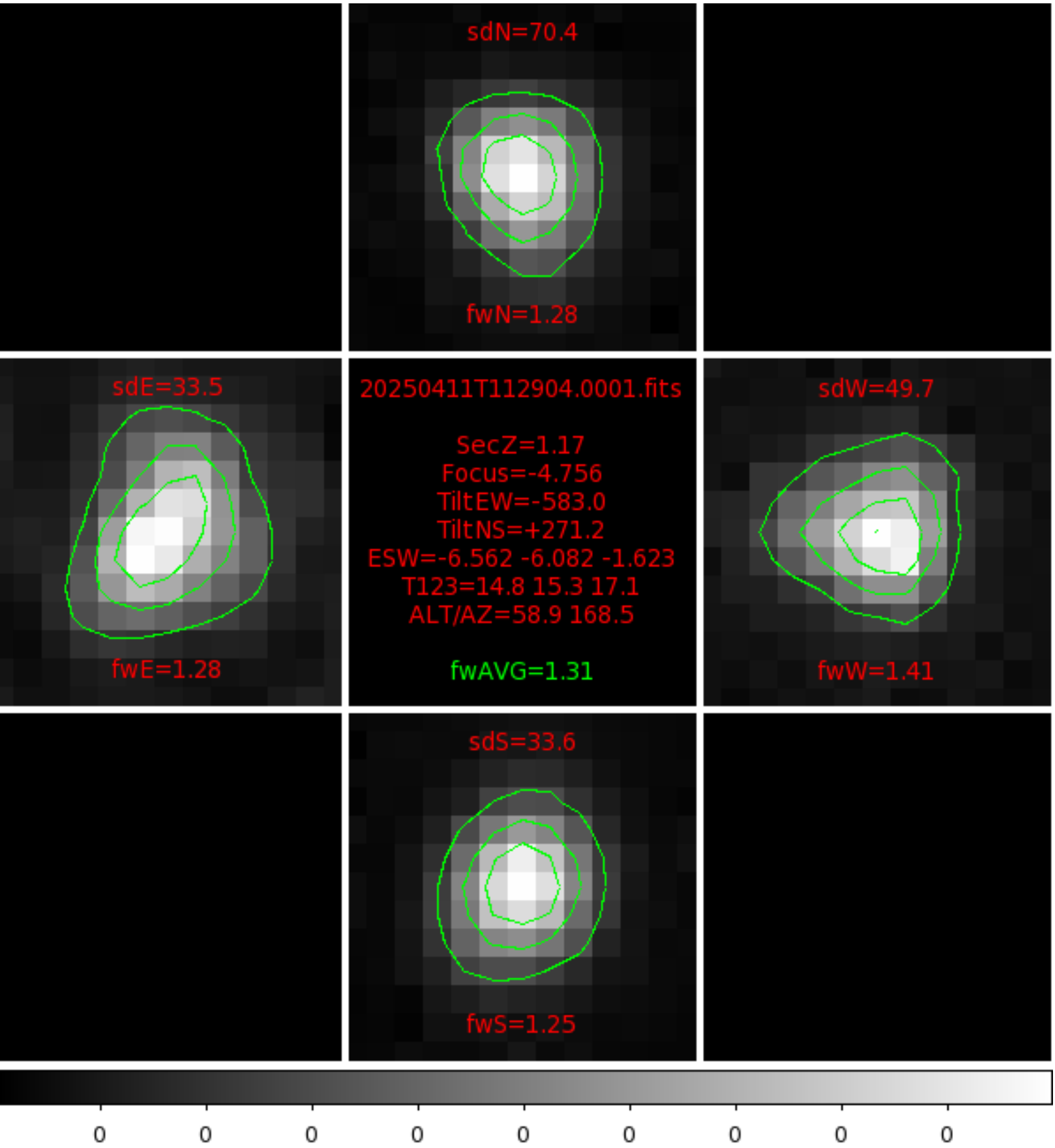
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SecZ=1.17
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.3 17.1
ALT/AZ=58.9 168.5
fwAVG=1.31
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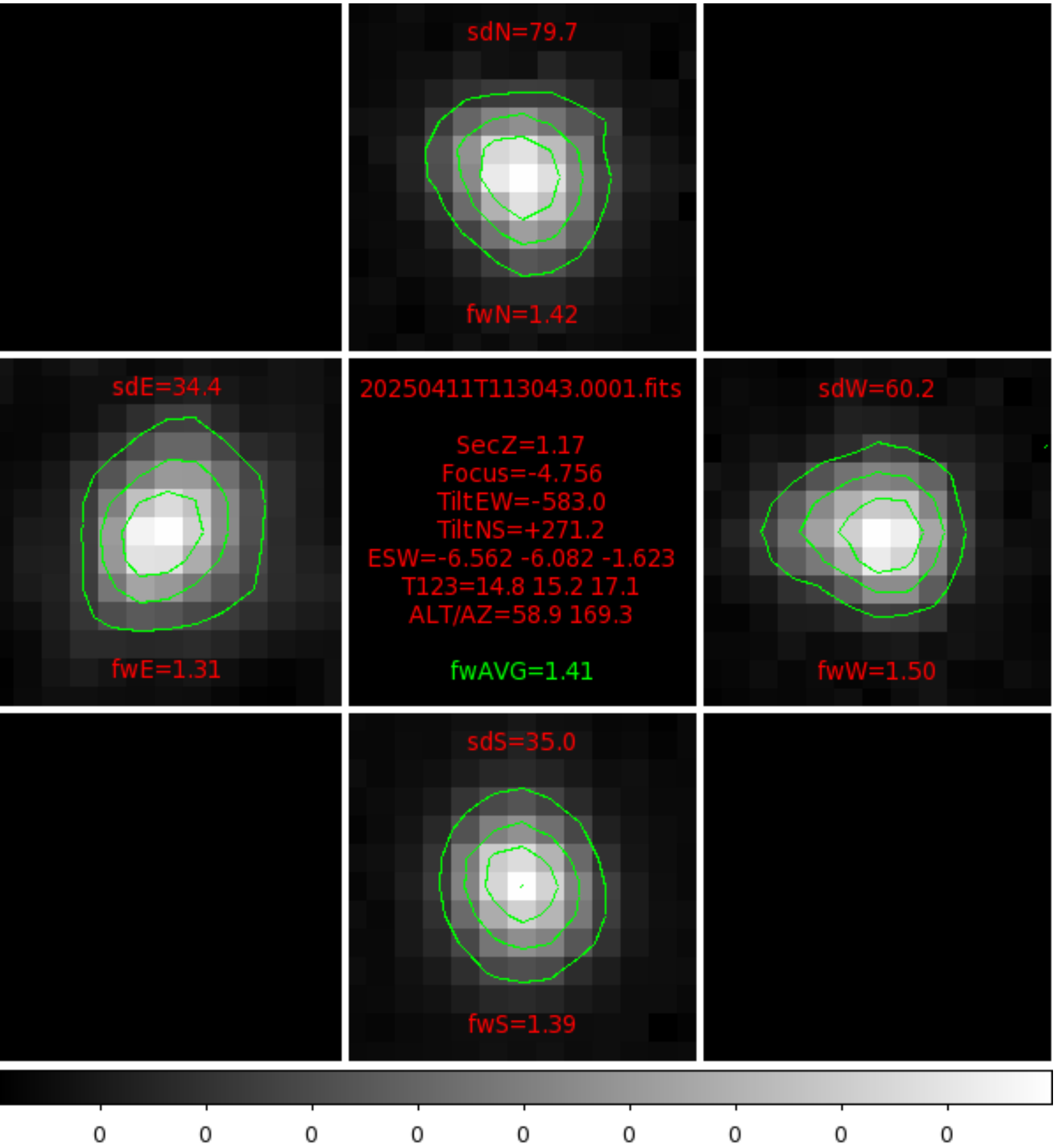
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SecZ=1.17
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.2 17.1
ALT/AZ=58.9 169.3
fwAVG=1.41
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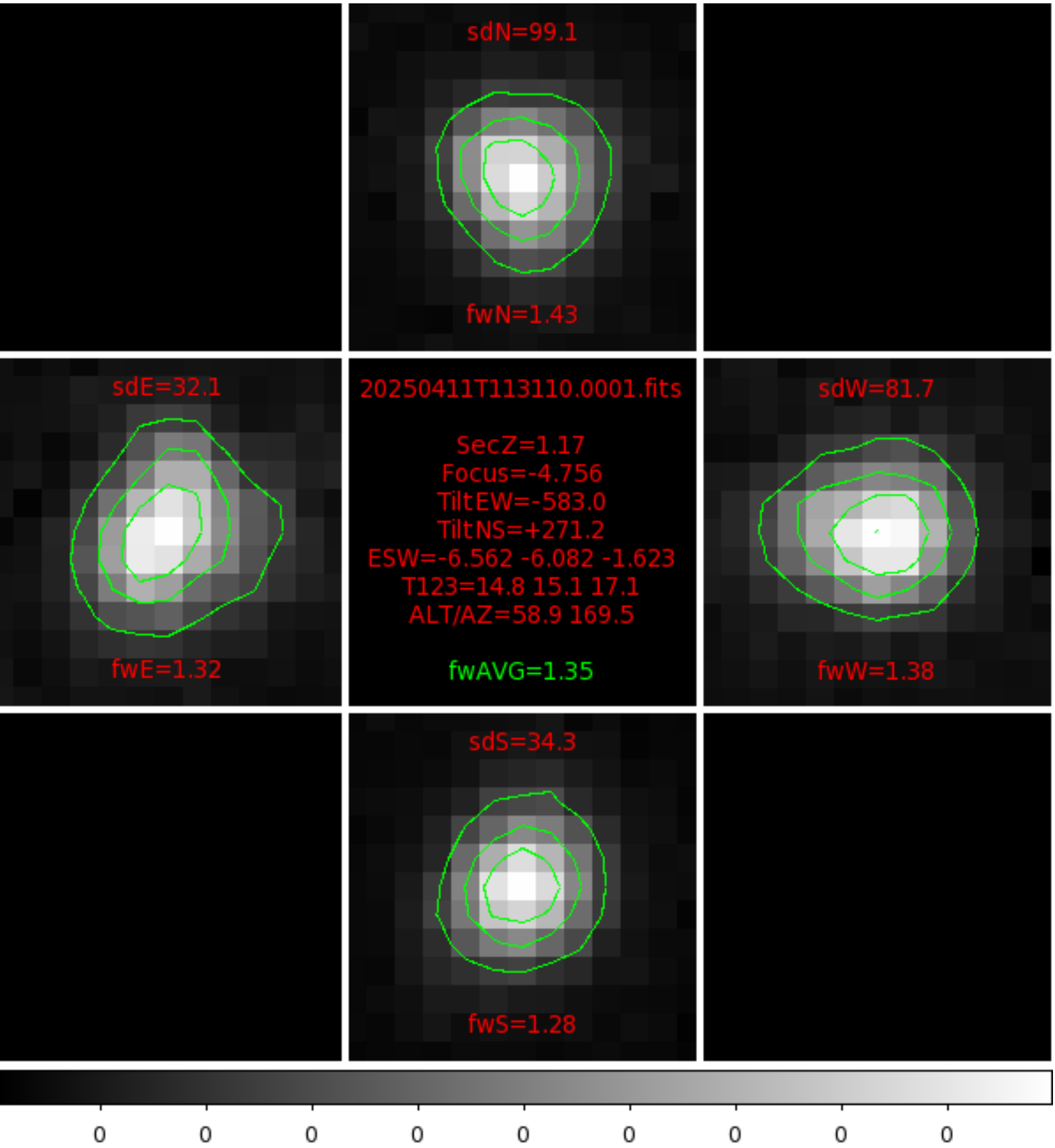
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SecZ=1.17
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.1 17.1
ALT/AZ=58.9 169.5
fwAVG=1.35
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sdS=34.3
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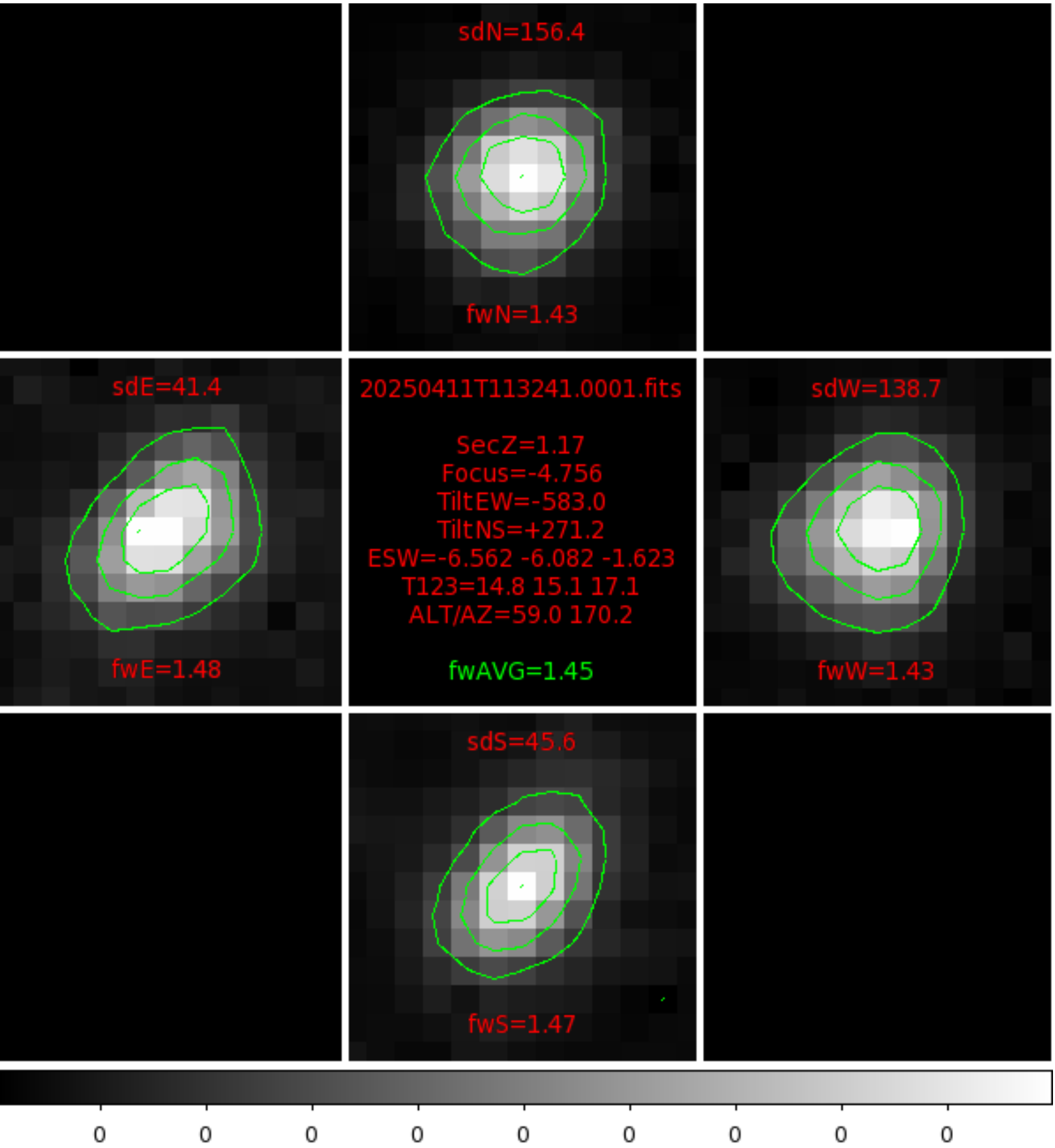
sdN=156.4
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sdE=41.4
fwE=1.48
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SecZ=1.17
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.1 17.1
ALT/AZ=59.0 170.2
fwAVG=1.45
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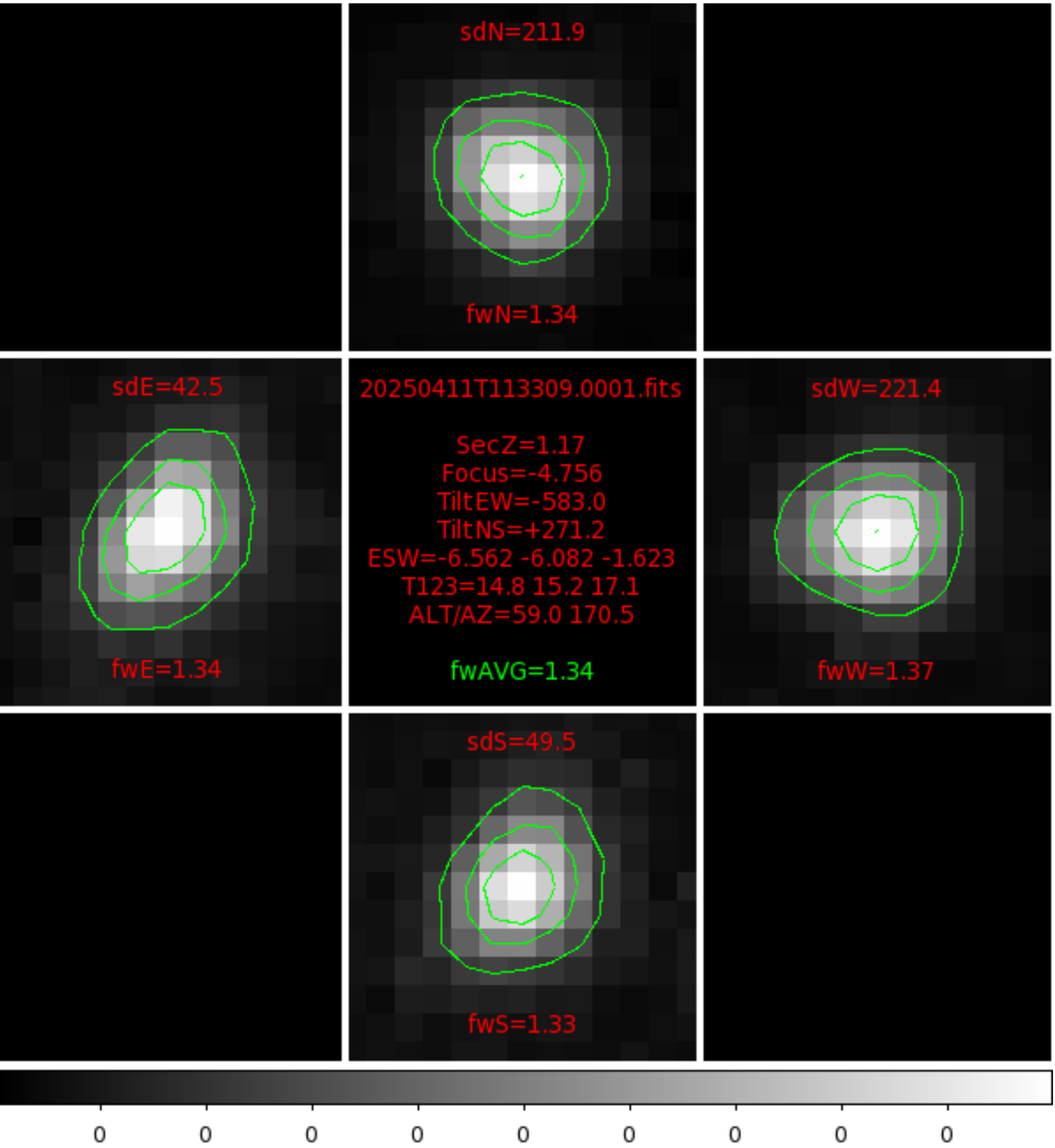
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SecZ=1.17
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.2 17.1
ALT/AZ=59.0 170.5
fwAVG=1.34
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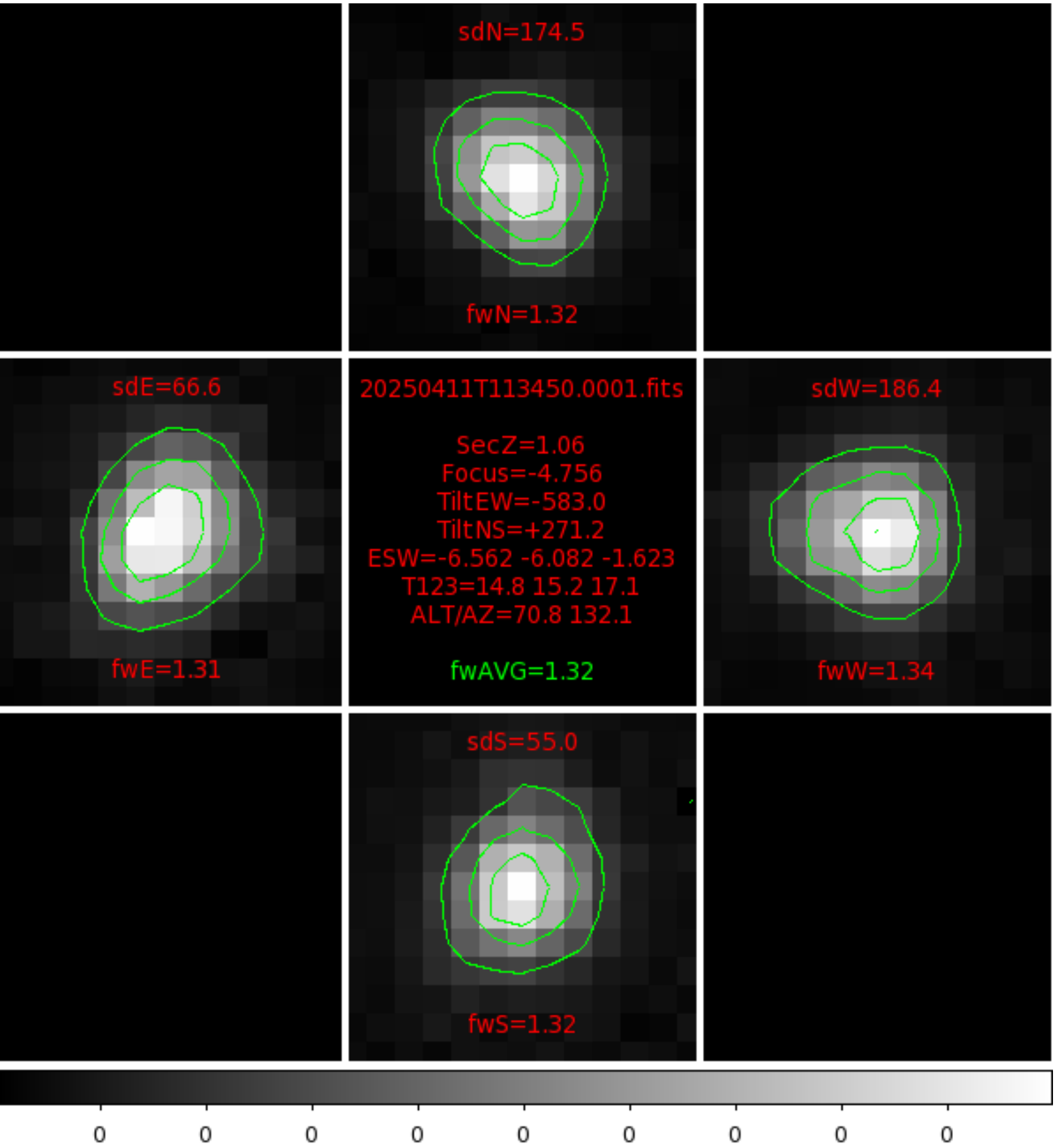
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SecZ=1.06
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TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.2 17.1
ALT/AZ=70.8 132.1
fwAVG=1.32
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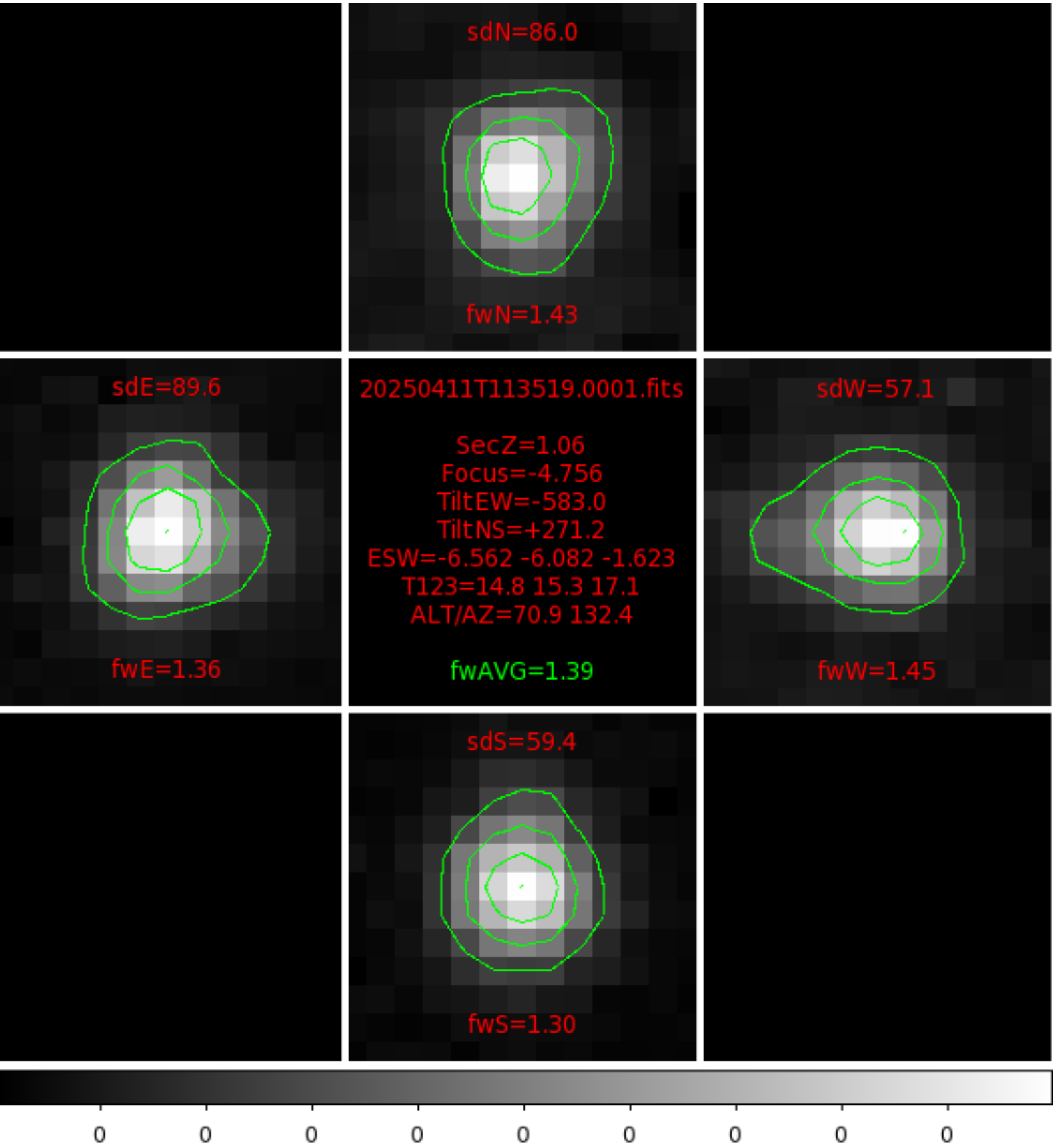
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sdE=89.6
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SecZ=1.06
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.3 17.1
ALT/AZ=70.9 132.4
fwAVG=1.39
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sdS=59.4
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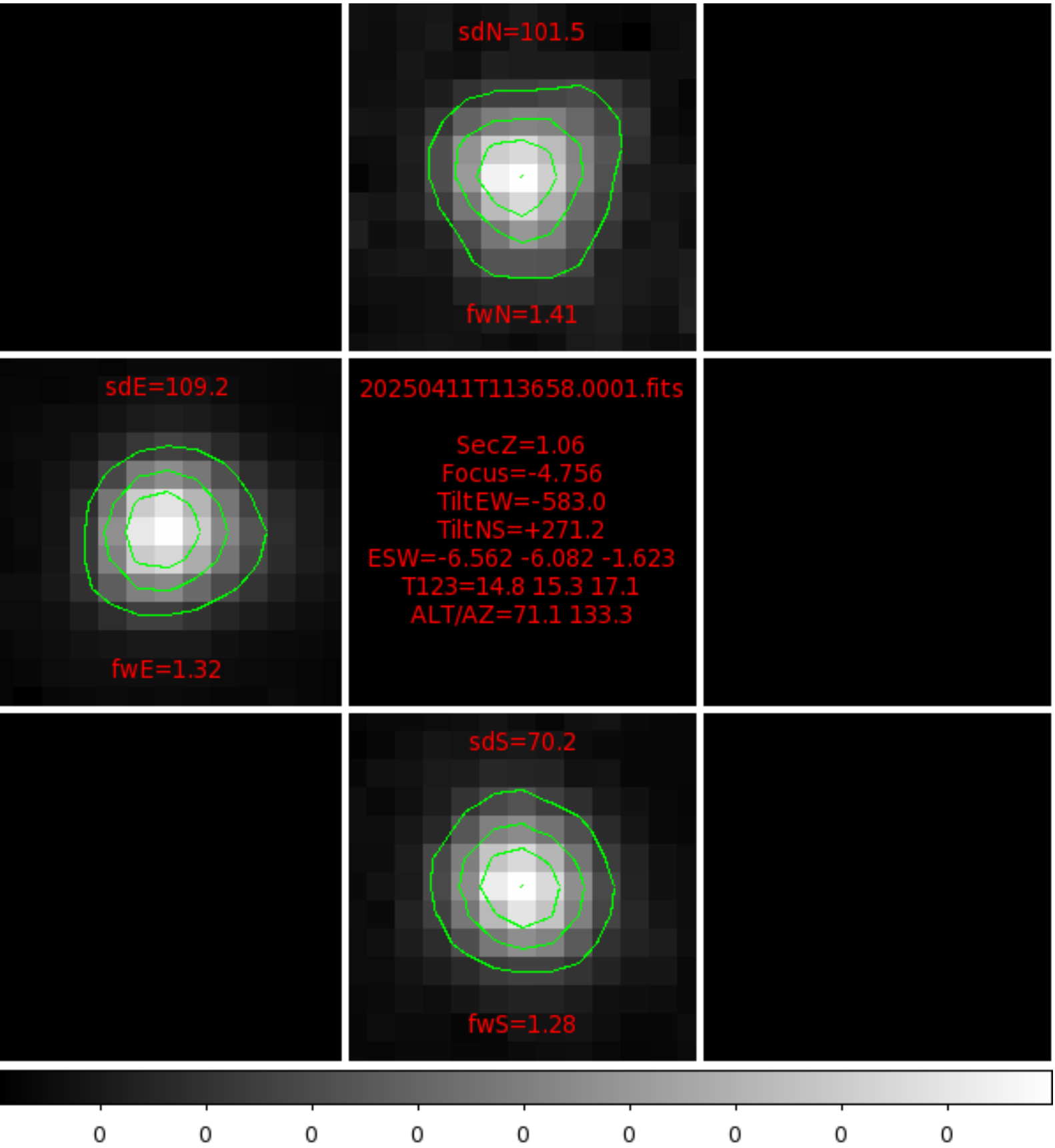
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sdE=109.2
fwE=1.32
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SecZ=1.06
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.3 17.1
ALT/AZ=71.1 133.3
sdS=70.2
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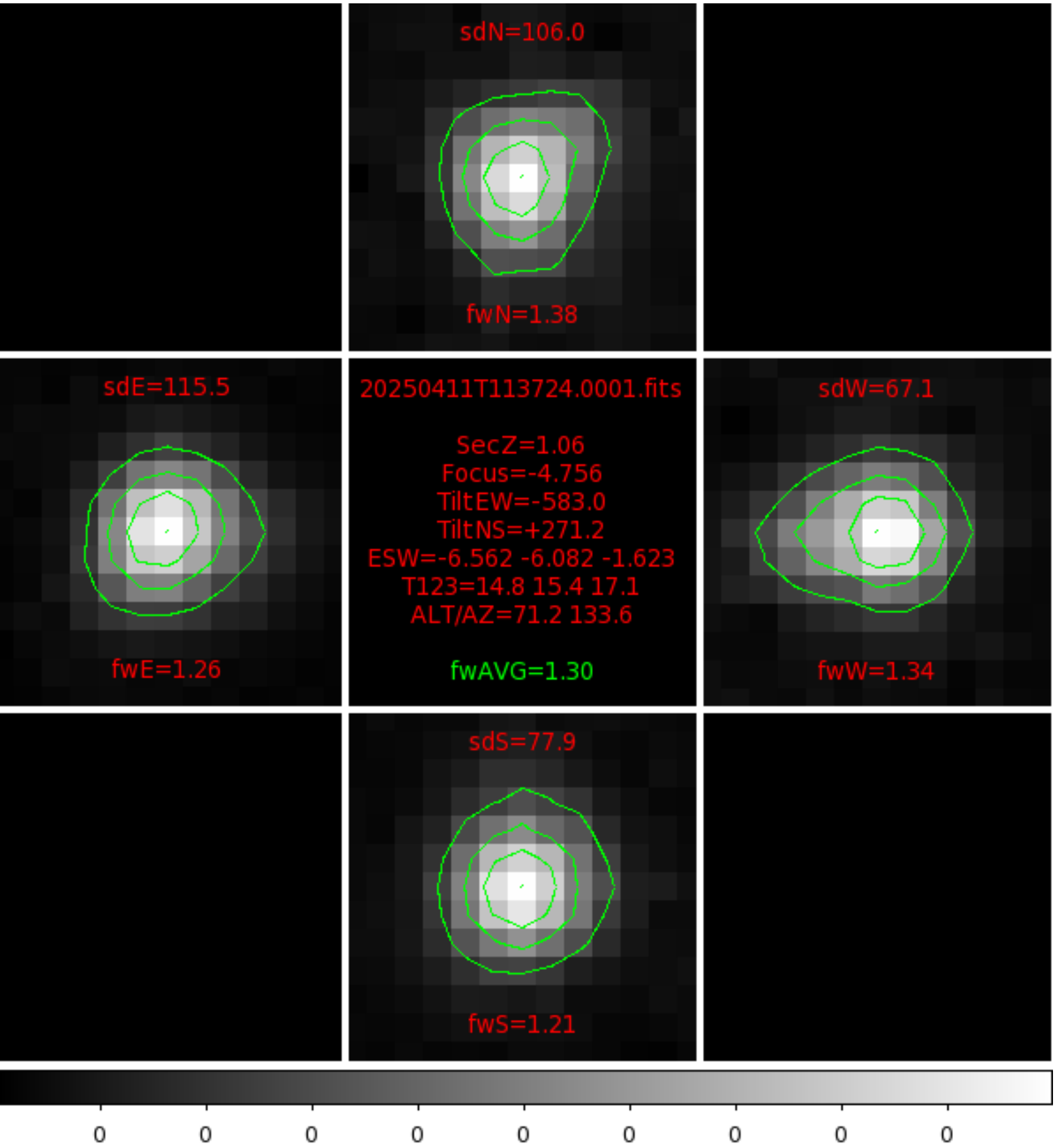
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sdE=115.5
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SecZ=1.06
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.4 17.1
ALT/AZ=71.2 133.6
fwAVG=1.30
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sdS=77.9
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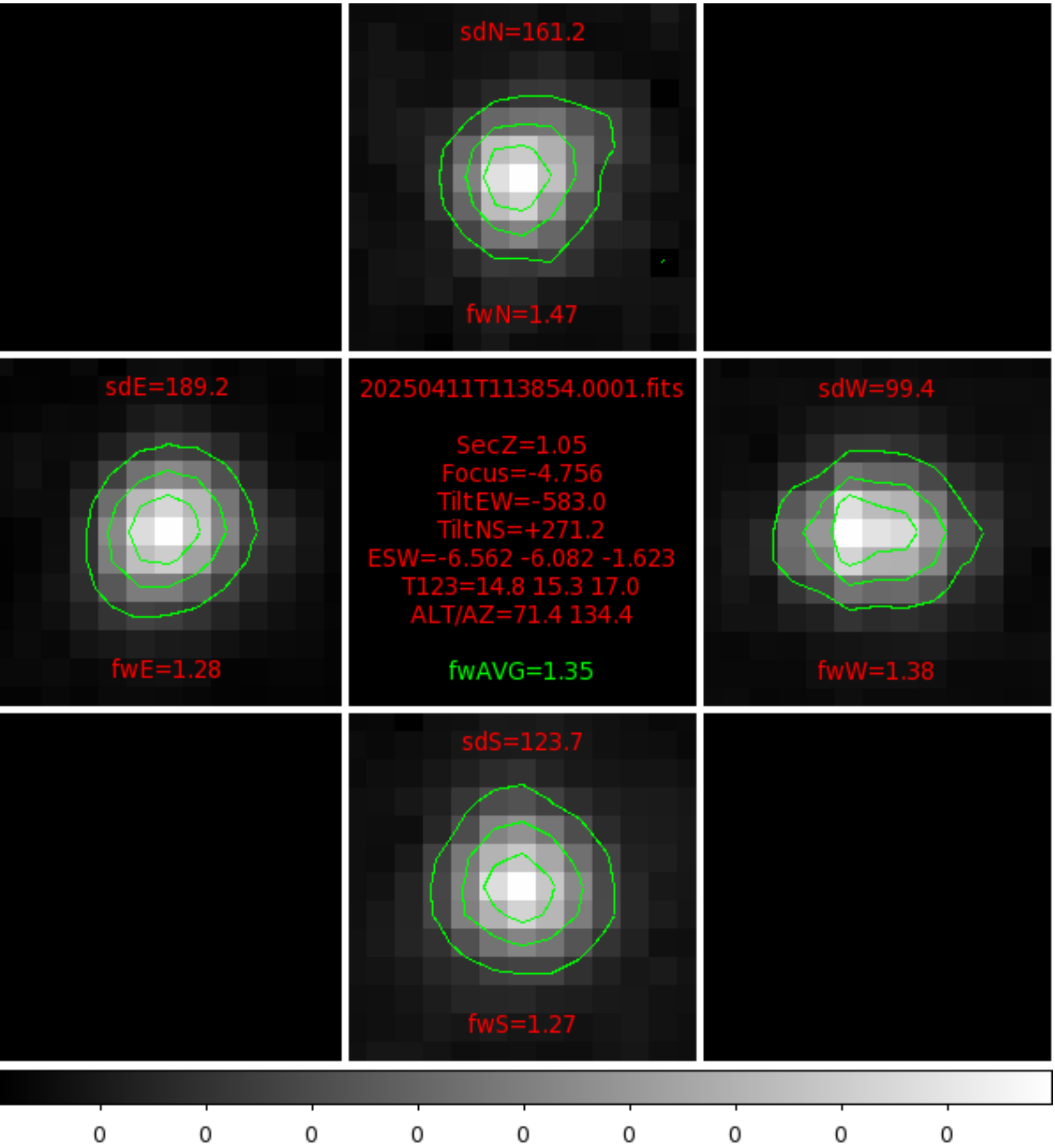
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SecZ=1.05
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TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.3 17.0
ALT/AZ=71.4 134.4
fwAVG=1.35
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fwW=1.38
sdS=123.7
fwS=1.27
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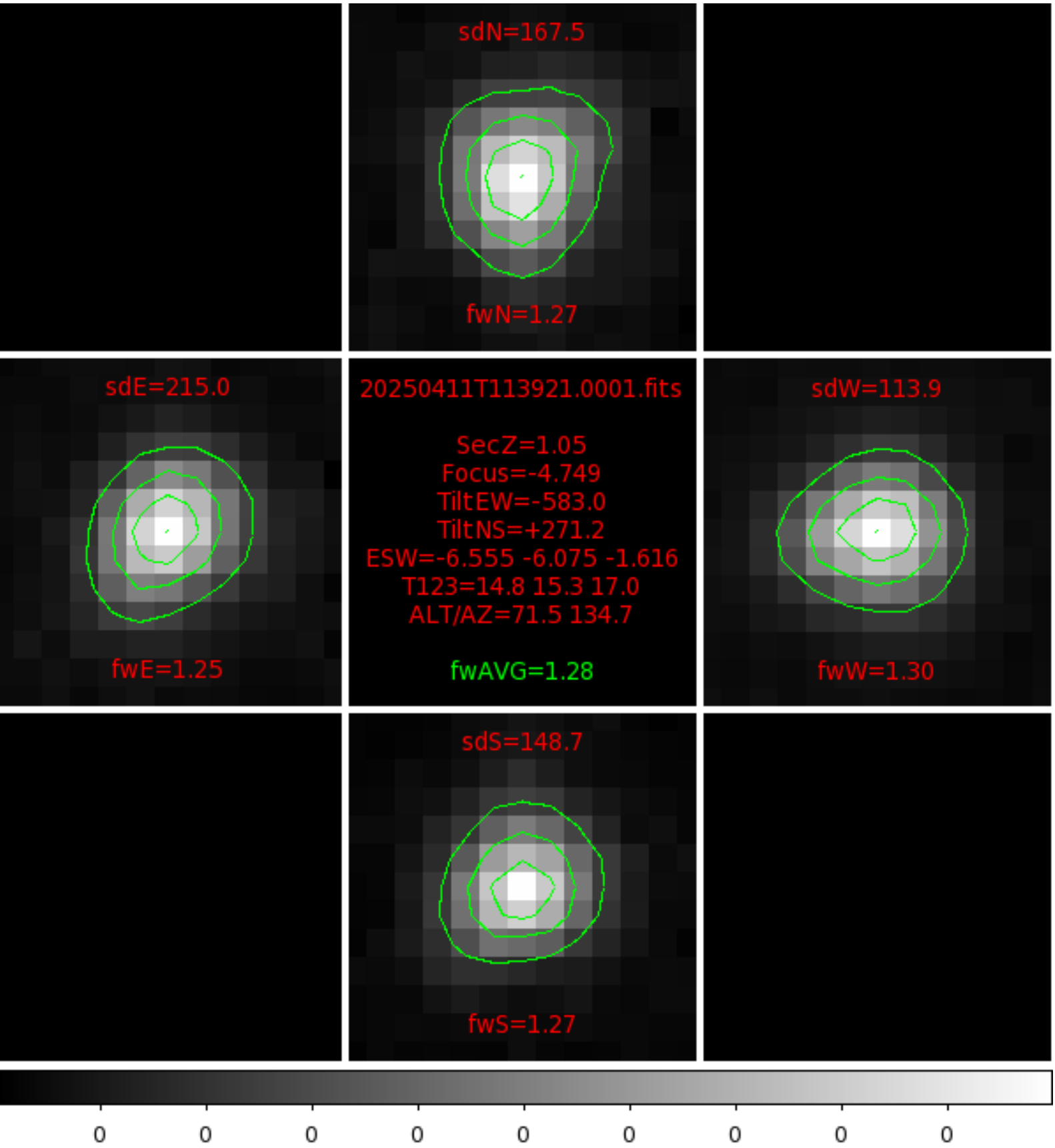
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fwN=1.27
sdE=215.0
fwE=1.25
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SecZ=1.05
Focus=-4.749
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.8 15.3 17.0
ALT/AZ=71.5 134.7
fwAVG=1.28
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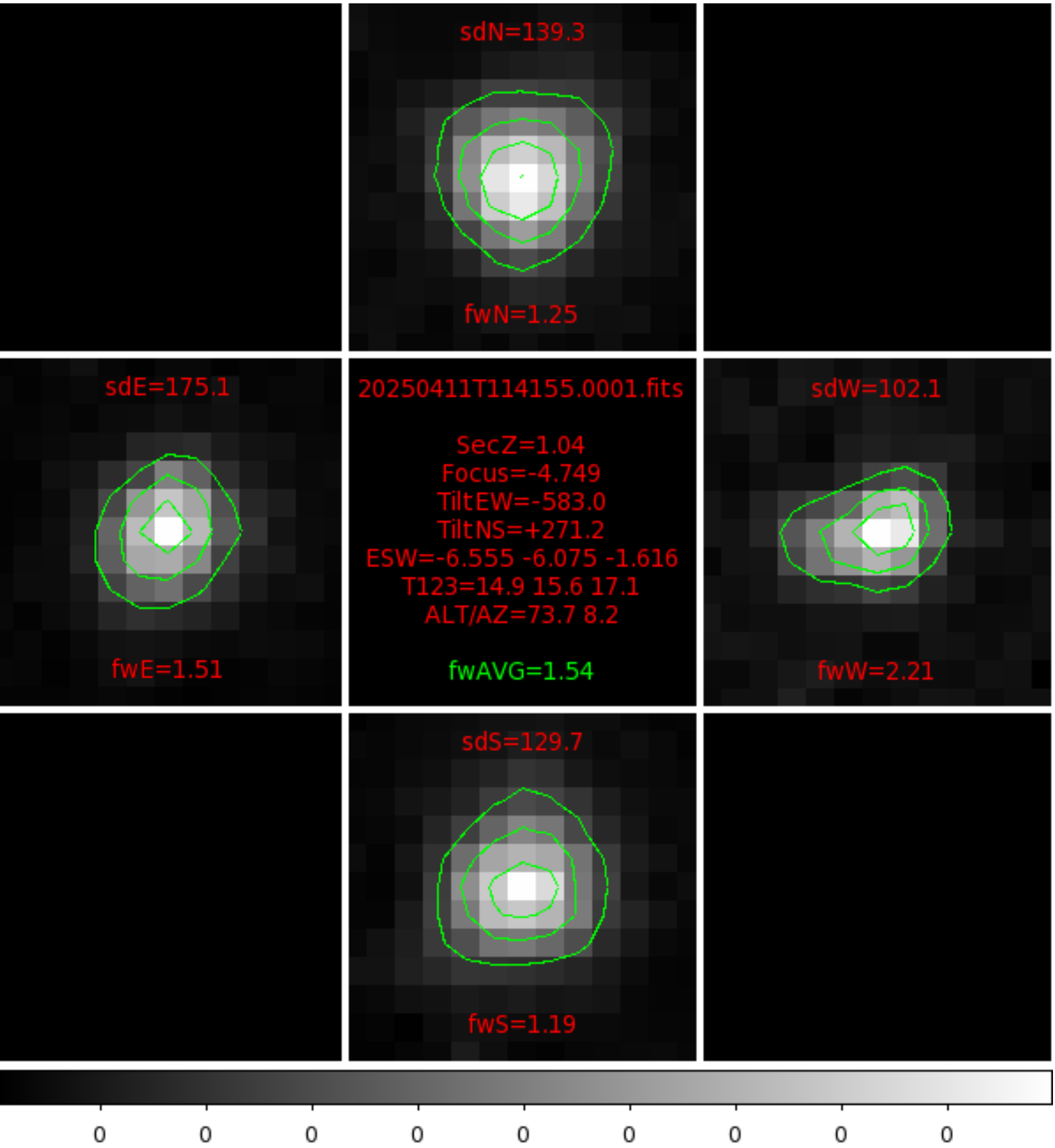
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.9 15.6 17.1
ALT/AZ=73.7 8.2
fwAVG=1.54
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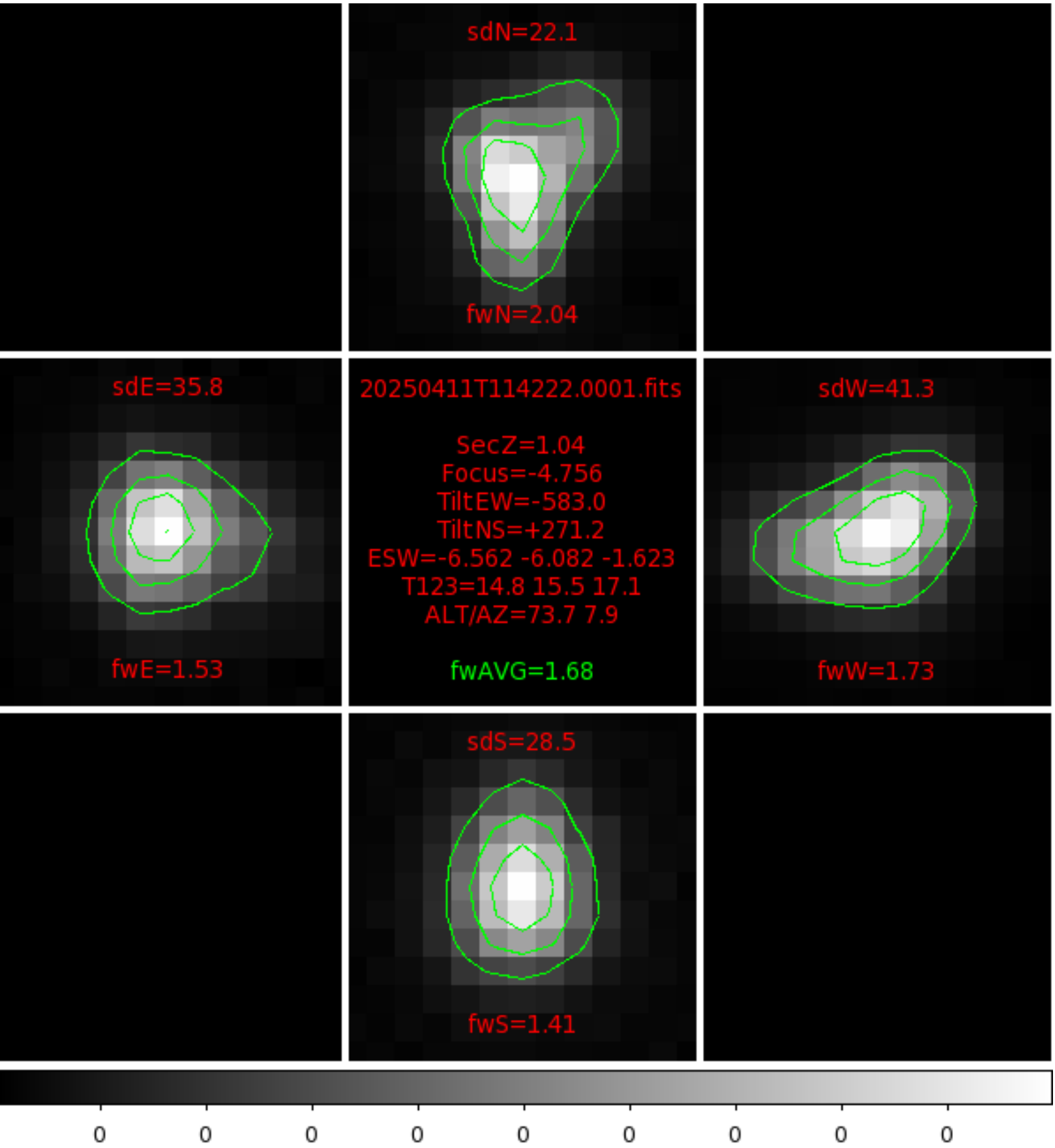
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SecZ=1.04
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.8 15.5 17.1
ALT/AZ=73.7 7.9
fwAVG=1.68
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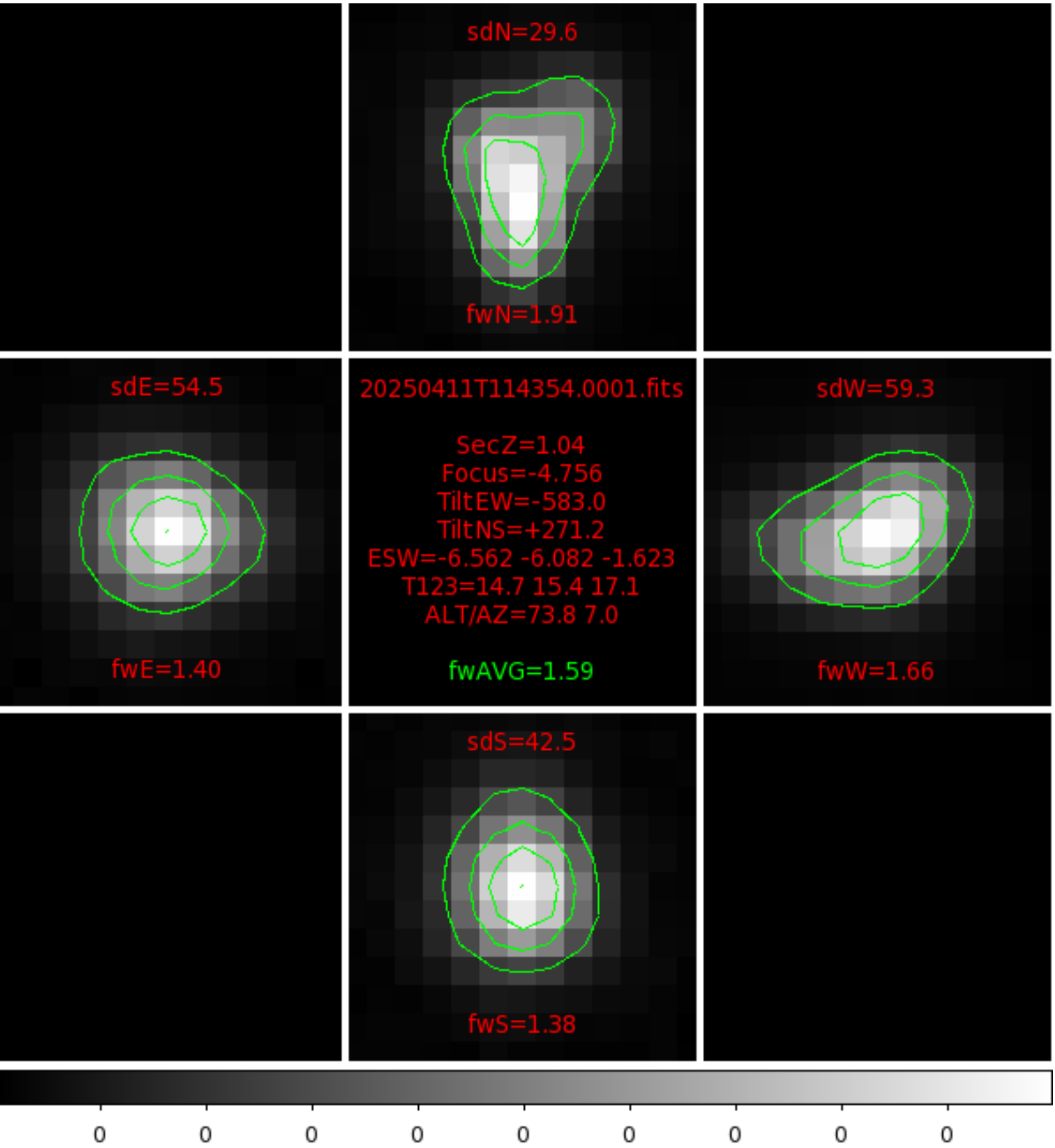
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fwE=1.40
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SecZ=1.04
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.7 15.4 17.1
ALT/AZ=73.8 7.0
fwAVG=1.59
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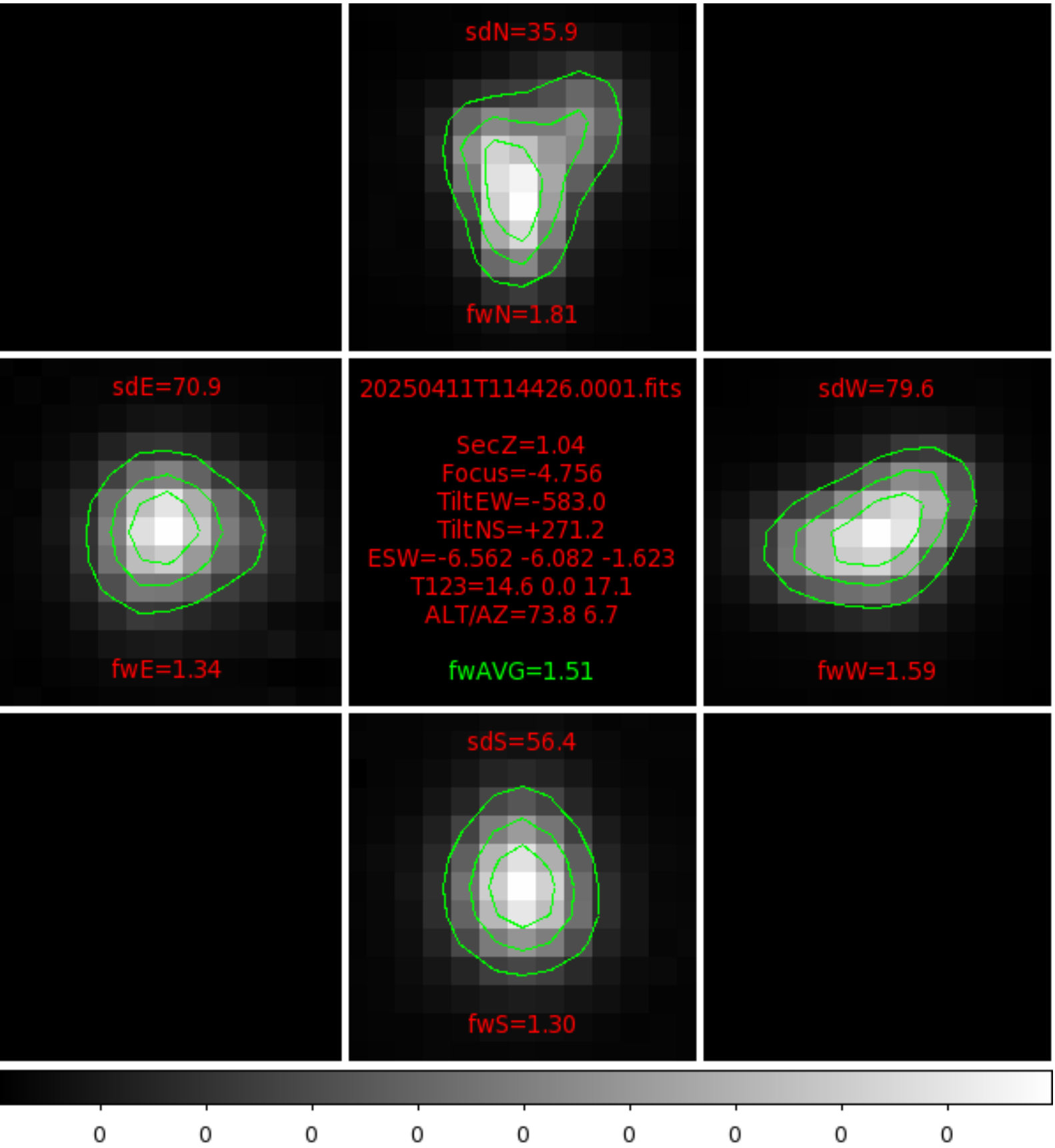
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20250411T114426.0001.fits
SecZ=1.04
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.6 0.0 17.1
ALT/AZ=73.8 6.7
fwAVG=1.51
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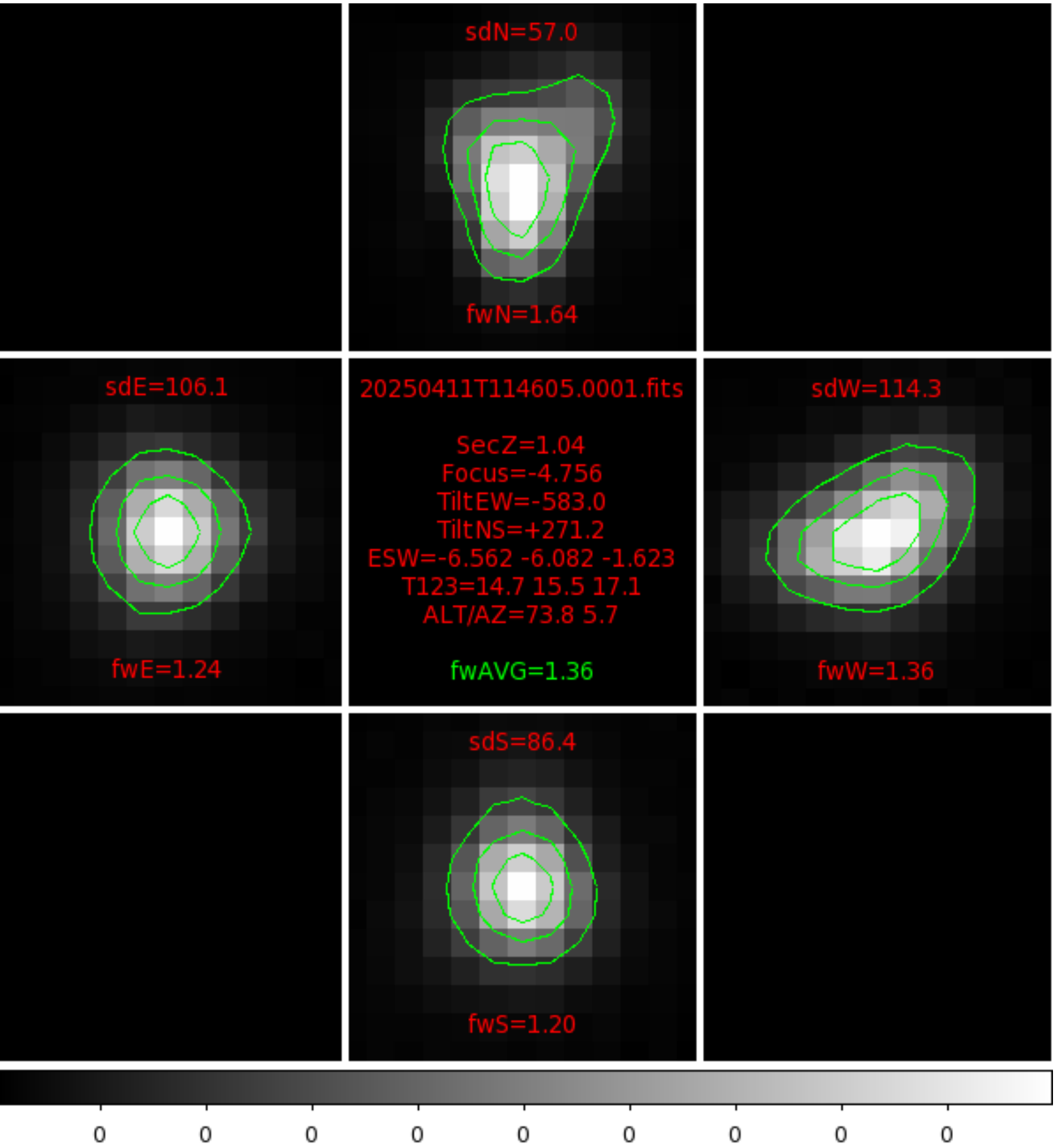
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sdE=106.1
fwE=1.24
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SecZ=1.04
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.7 15.5 17.1
ALT/AZ=73.8 5.7
fwAVG=1.36
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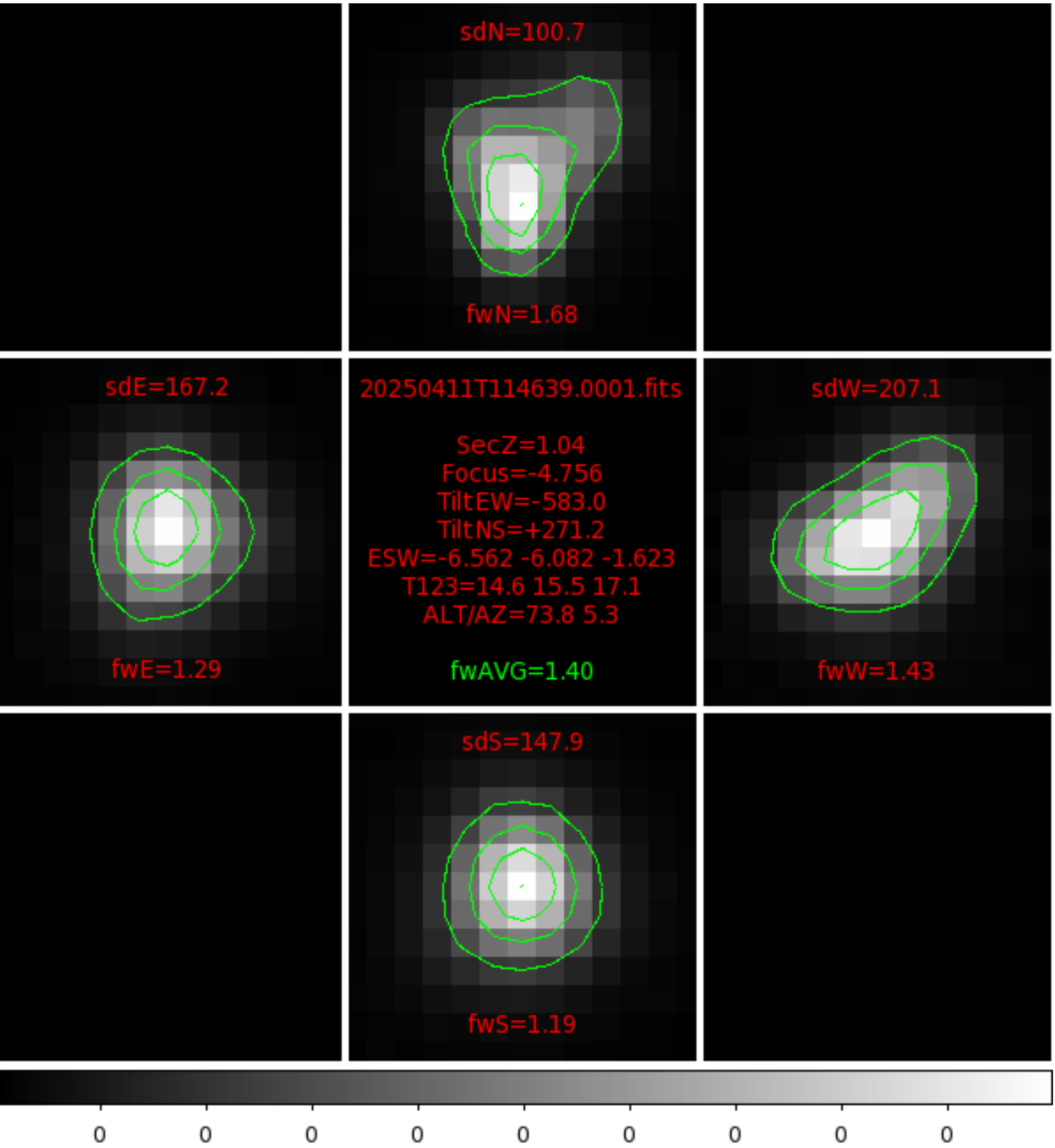
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SecZ=1.04
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.6 15.5 17.1
ALT/AZ=73.8 5.3
fwAVG=1.40
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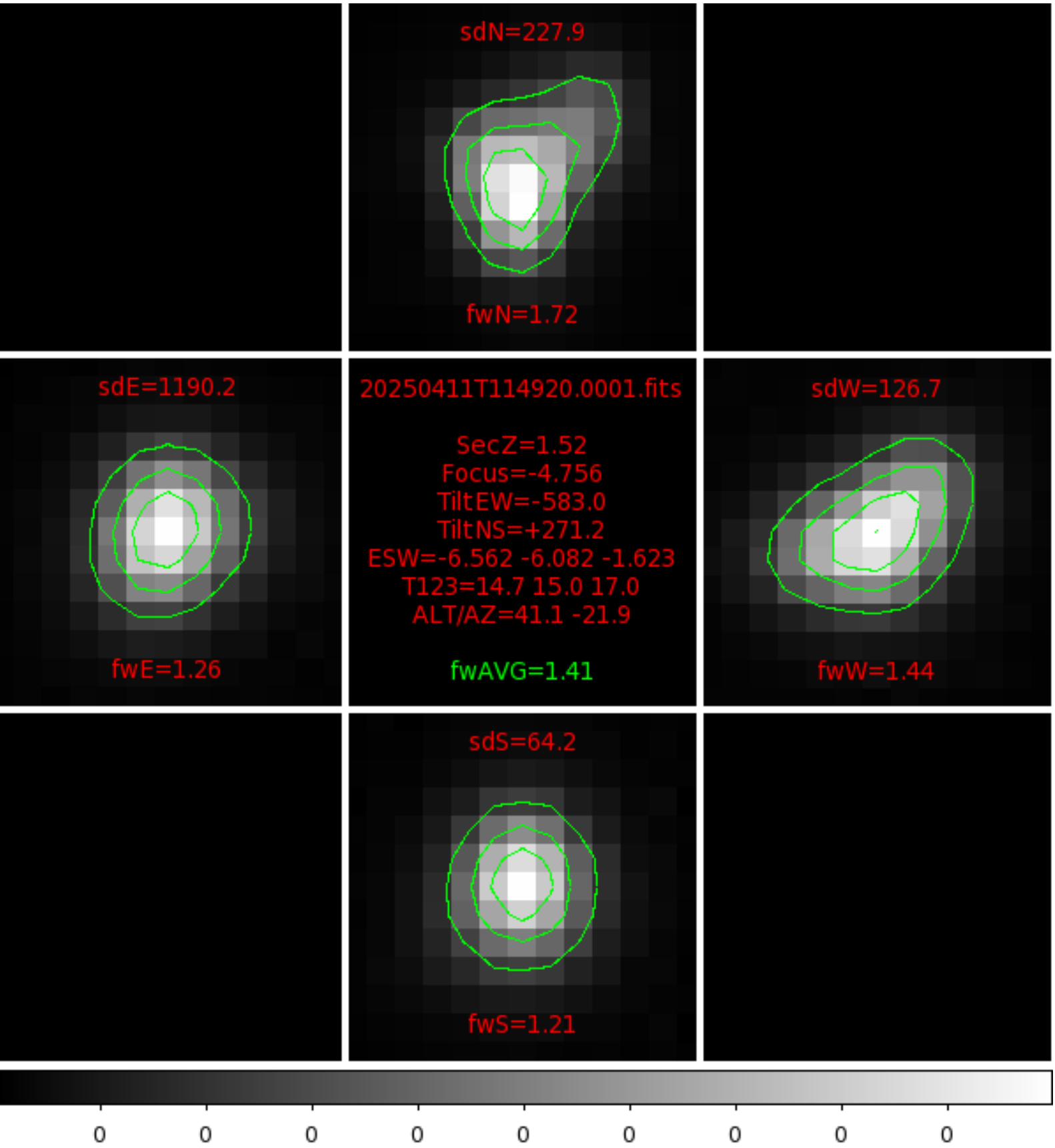
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20250411T114920.0001.fits
SecZ=1.52
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.7 15.0 17.0
ALT/AZ=41.1 -21.9
fwAVG=1.41
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sdS=64.2
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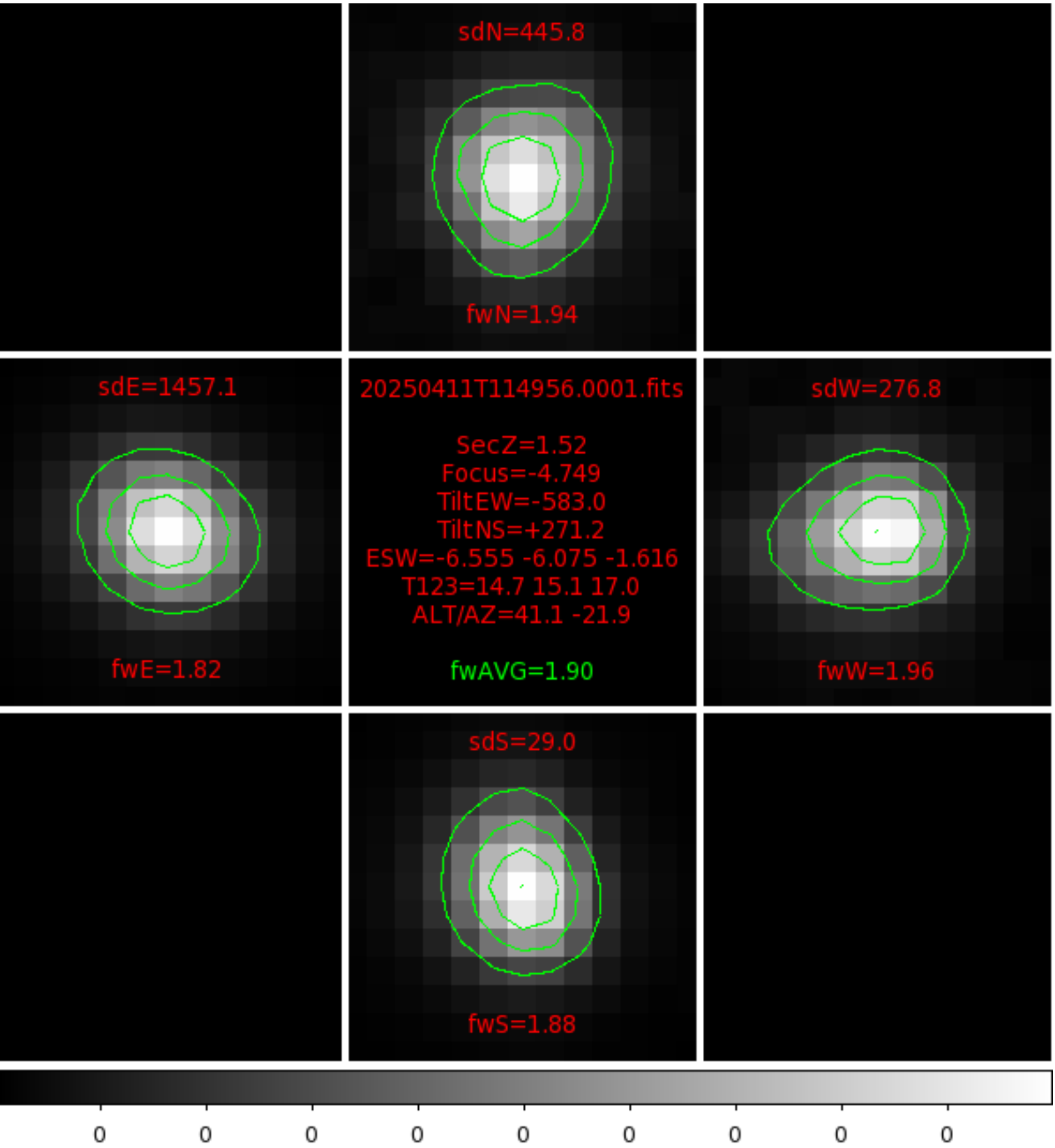
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sdE=1457.1
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20250411T114956.0001.fits
SecZ=1.52
Focus=-4.749
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.7 15.1 17.0
ALT/AZ=41.1 -21.9
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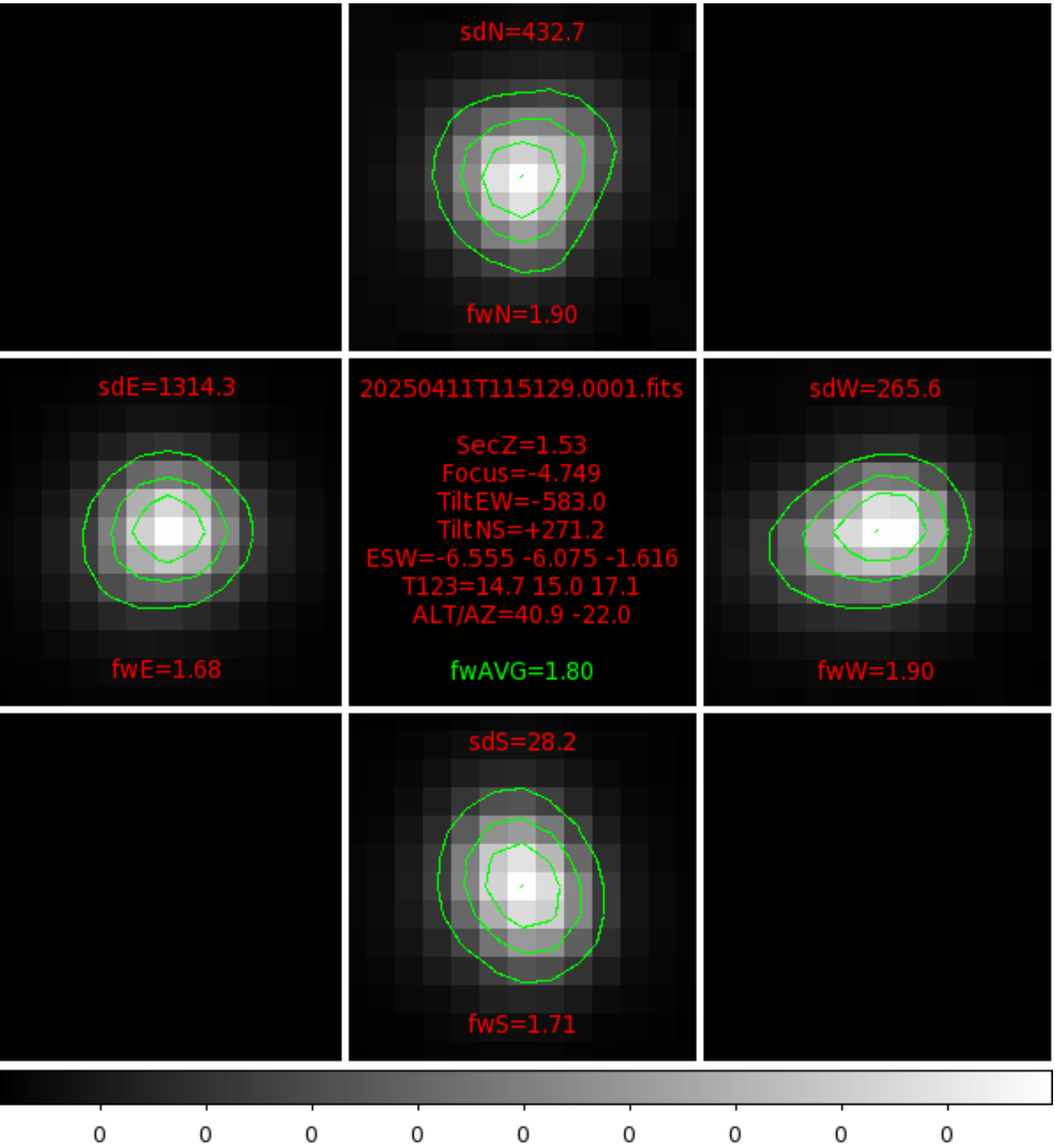
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SecZ=1.53
Focus=-4.749
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.7 15.0 17.1
ALT/AZ=40.9 -22.0
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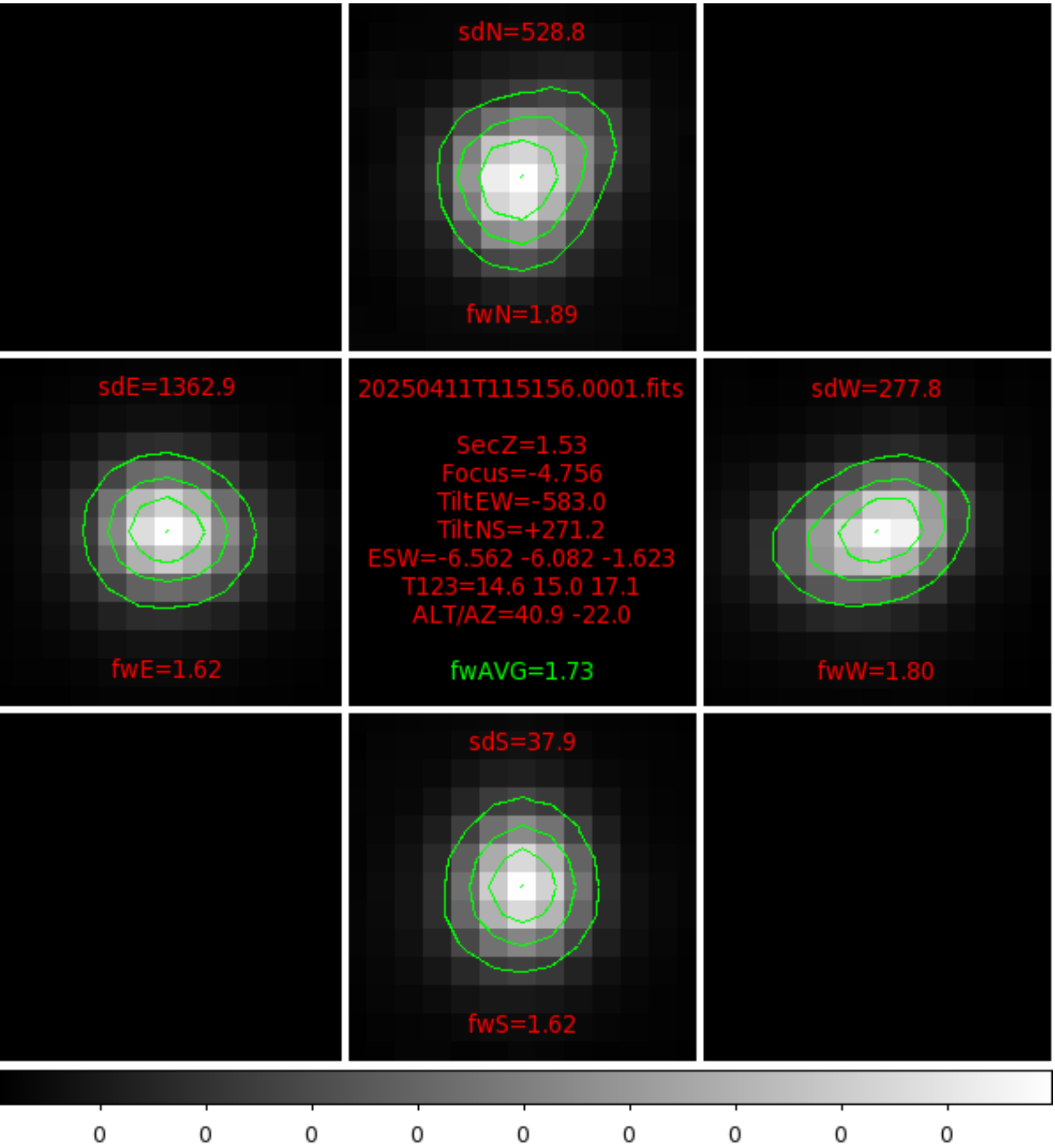
sdN=528.8
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sdE=1362.9
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SecZ=1.53
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.6 15.0 17.1
ALT/AZ=40.9 -22.0
fwAVG=1.73
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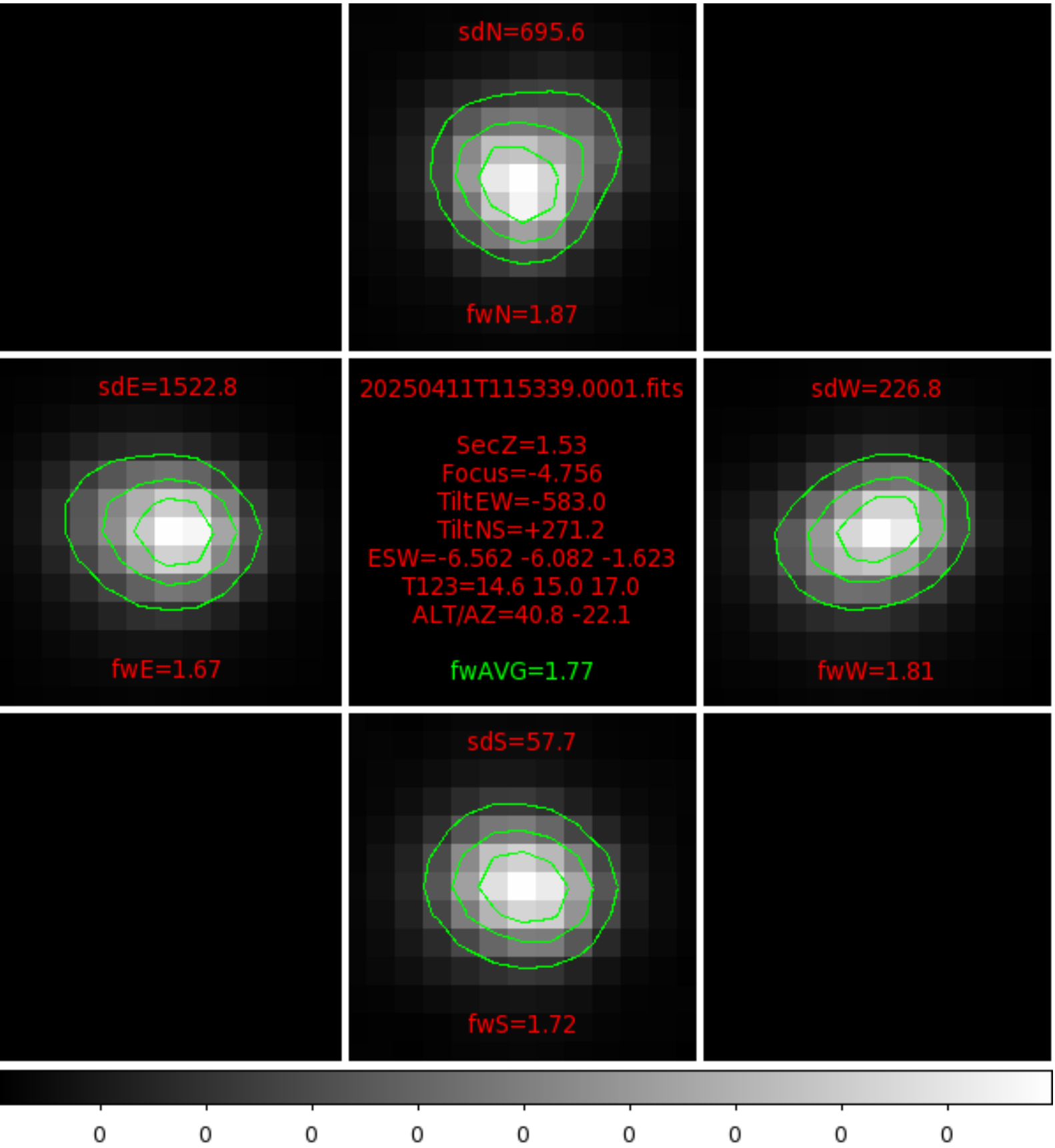
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sdE=1522.8
fwE=1.67
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SecZ=1.53
Focus=-4.756
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.562 -6.082 -1.623
T123=14.6 15.0 17.0
ALT/AZ=40.8 -22.1
fwAVG=1.77
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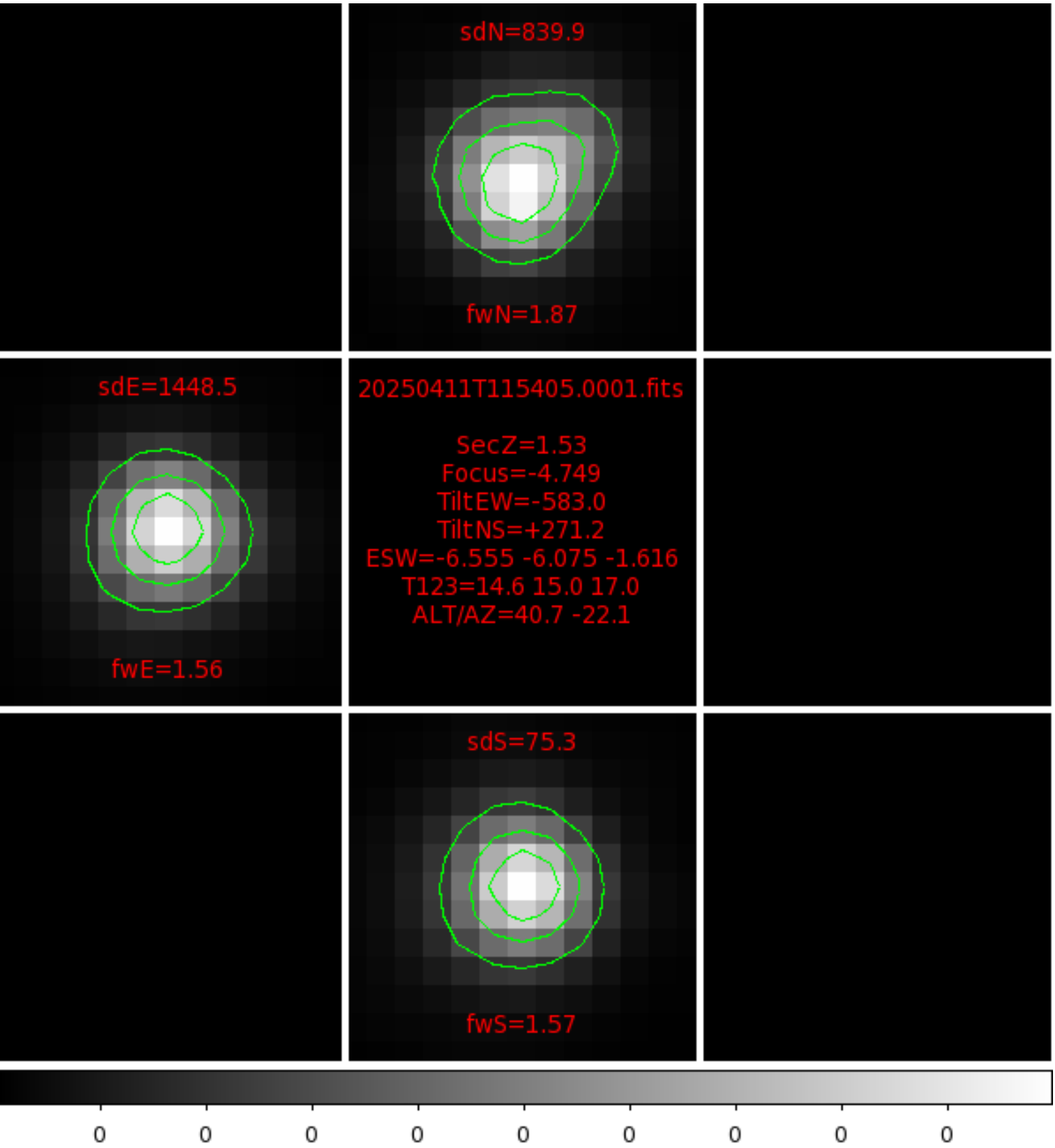
sdN=839.9
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sdE=1448.5
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20250411T115405.0001.fits
SecZ=1.53
Focus=-4.749
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.6 15.0 17.0
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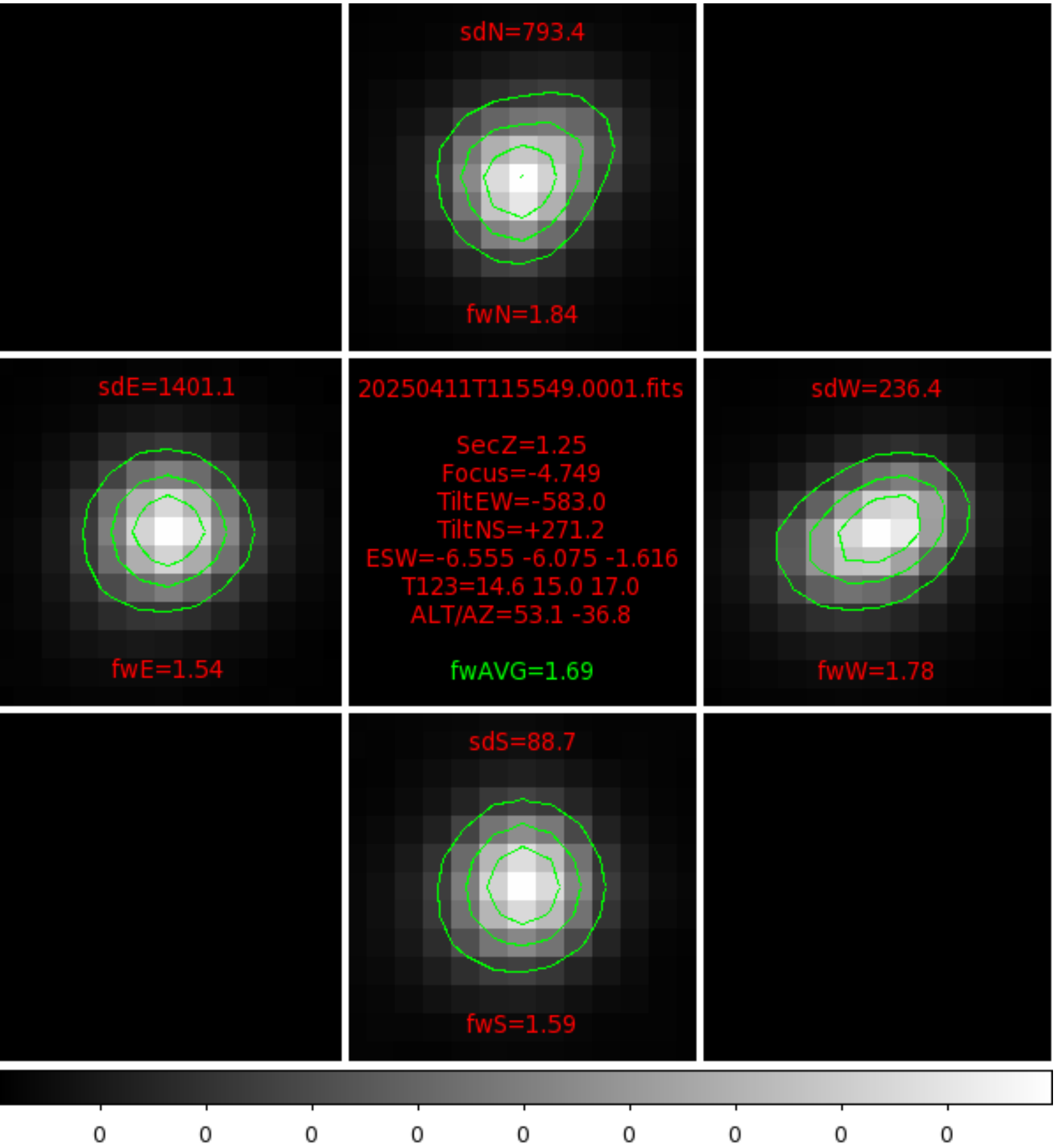
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SecZ=1.25
Focus=-4.749
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.6 15.0 17.0
ALT/AZ=53.1 -36.8
fwAVG=1.69
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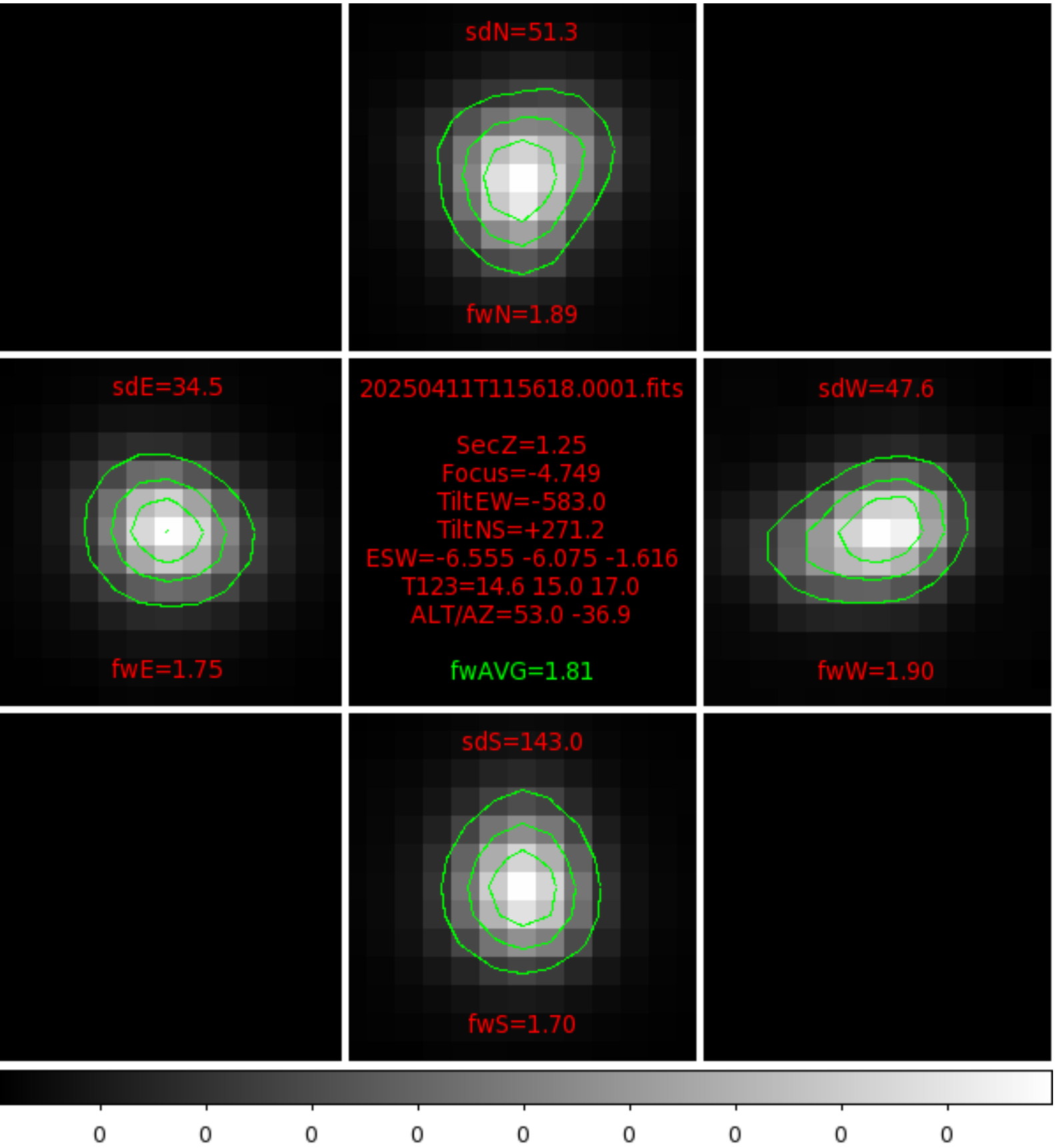
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sdE=34.5
fwE=1.75
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SecZ=1.25
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.6 15.0 17.0
ALT/AZ=53.0 -36.9
fwAVG=1.81
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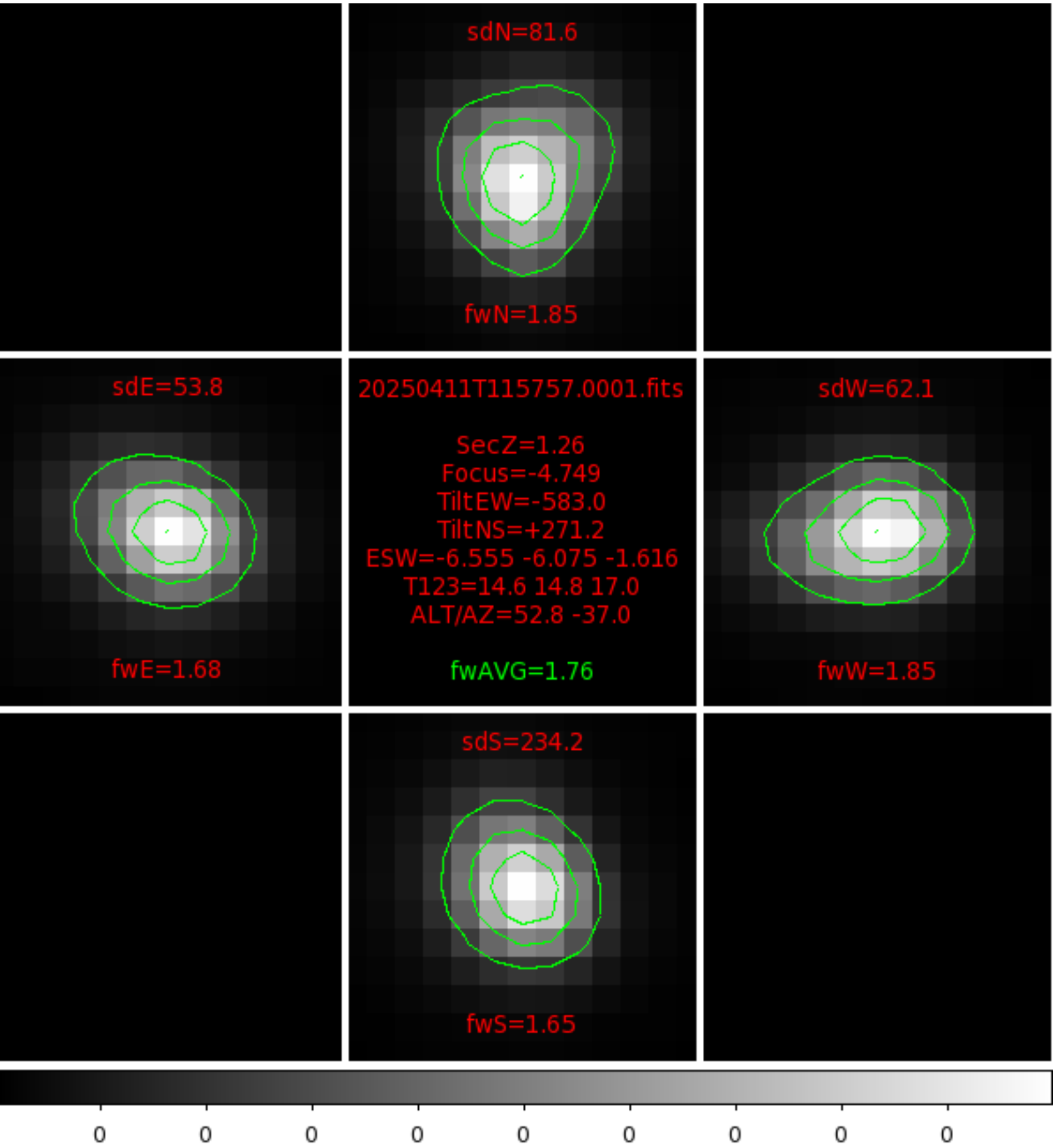
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.6 14.8 17.0
ALT/AZ=52.8 -37.0
fwAVG=1.76
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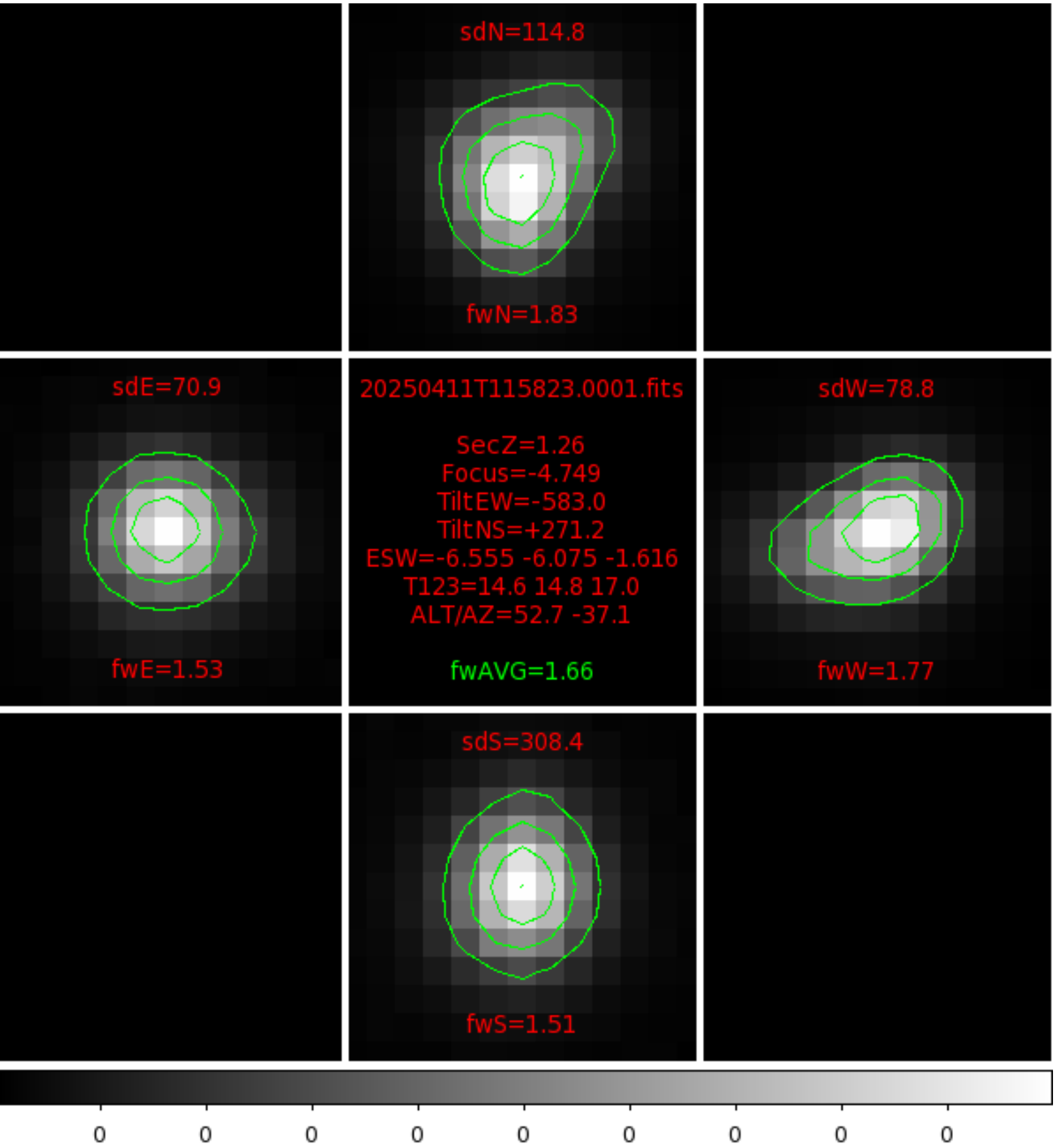
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sdE=70.9
fwE=1.53
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TiltEW=-583.0
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ESW=-6.555 -6.075 -1.616
T123=14.6 14.8 17.0
ALT/AZ=52.7 -37.1
fwAVG=1.66
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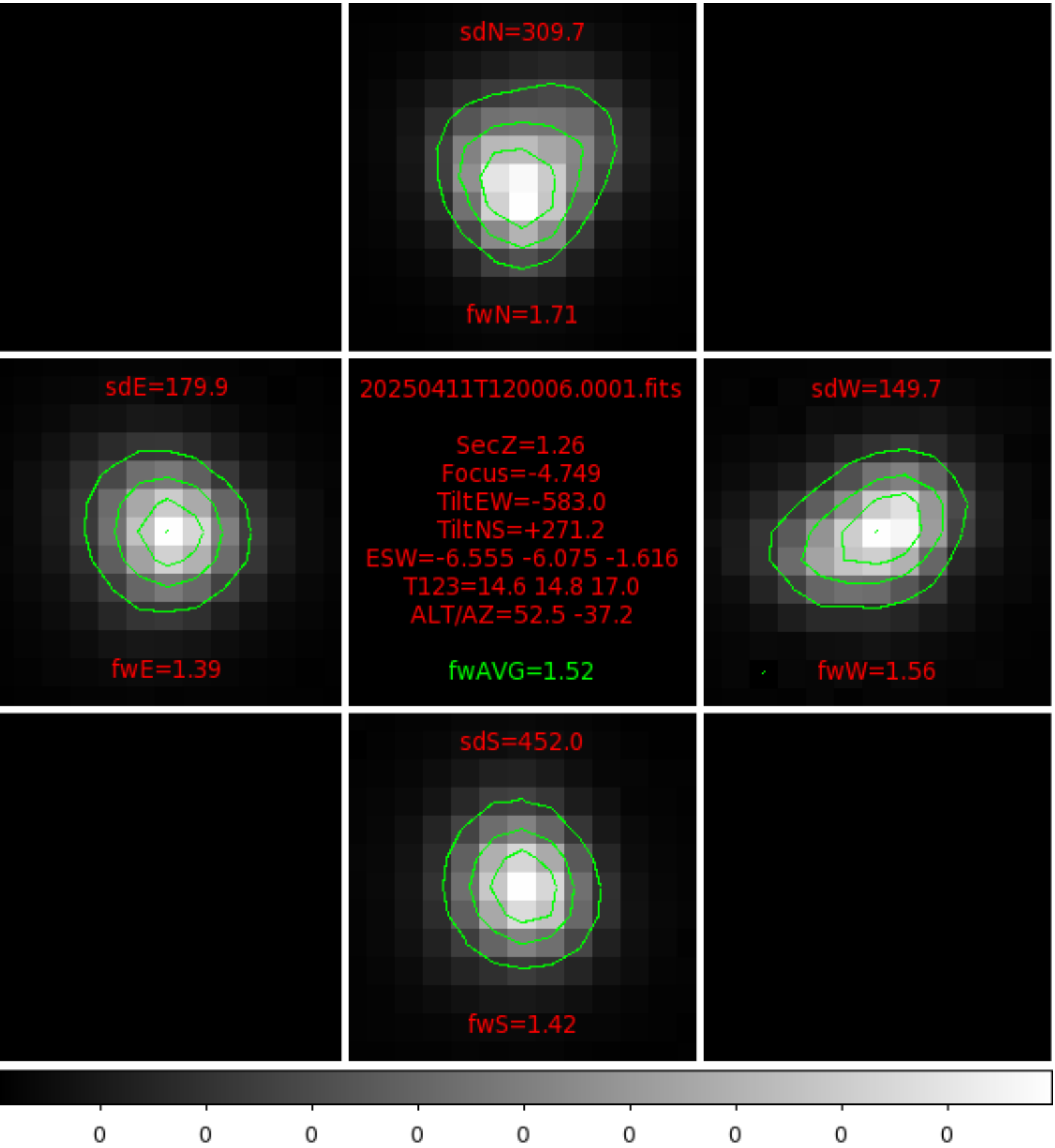
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TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.6 14.8 17.0
ALT/AZ=52.5 -37.2
fwAVG=1.52
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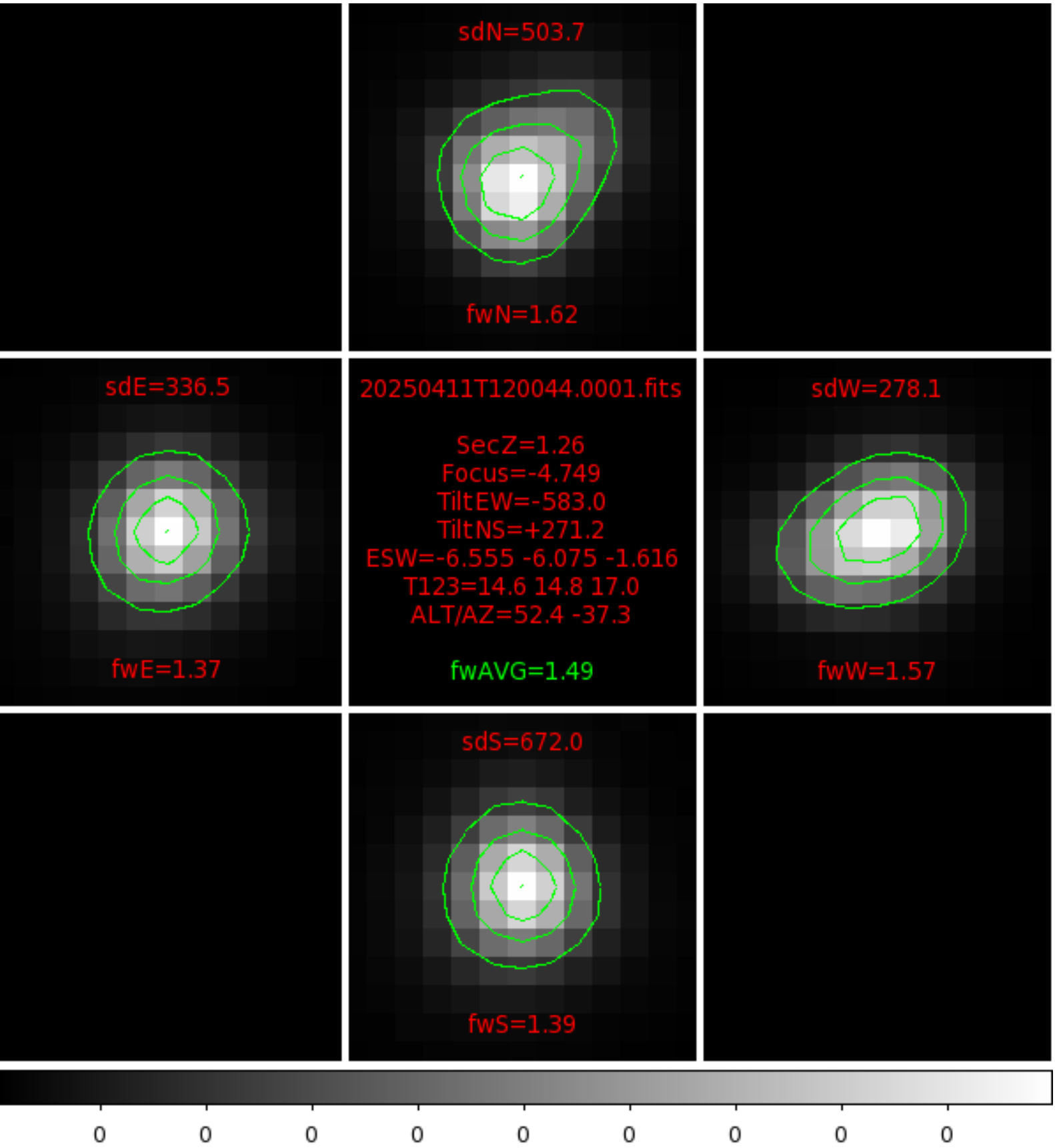
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.6 14.8 17.0
ALT/AZ=52.4 -37.3
fwAVG=1.49
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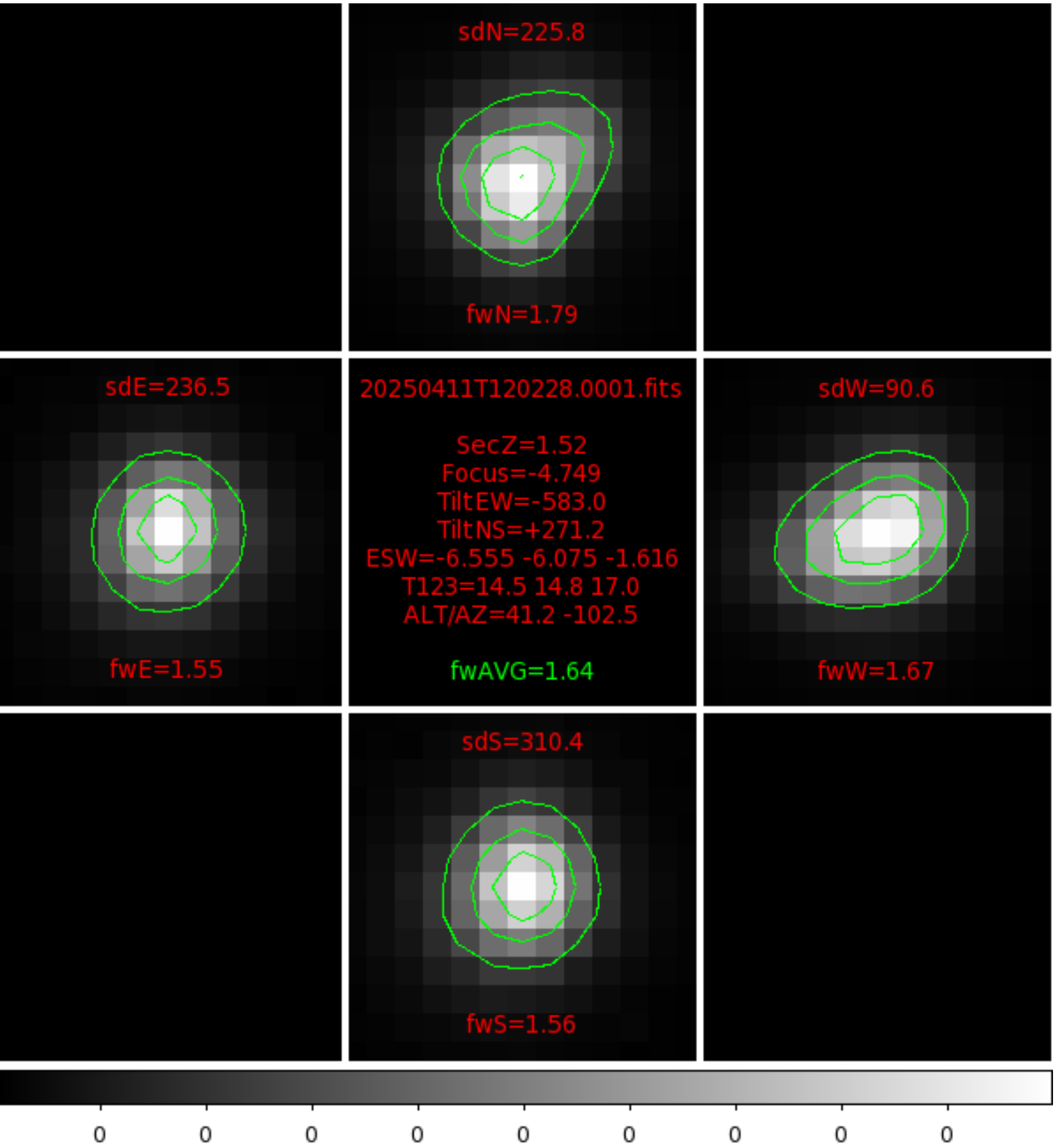
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SecZ=1.52
Focus=-4.749
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.5 14.8 17.0
ALT/AZ=41.2 -102.5
fwAVG=1.64
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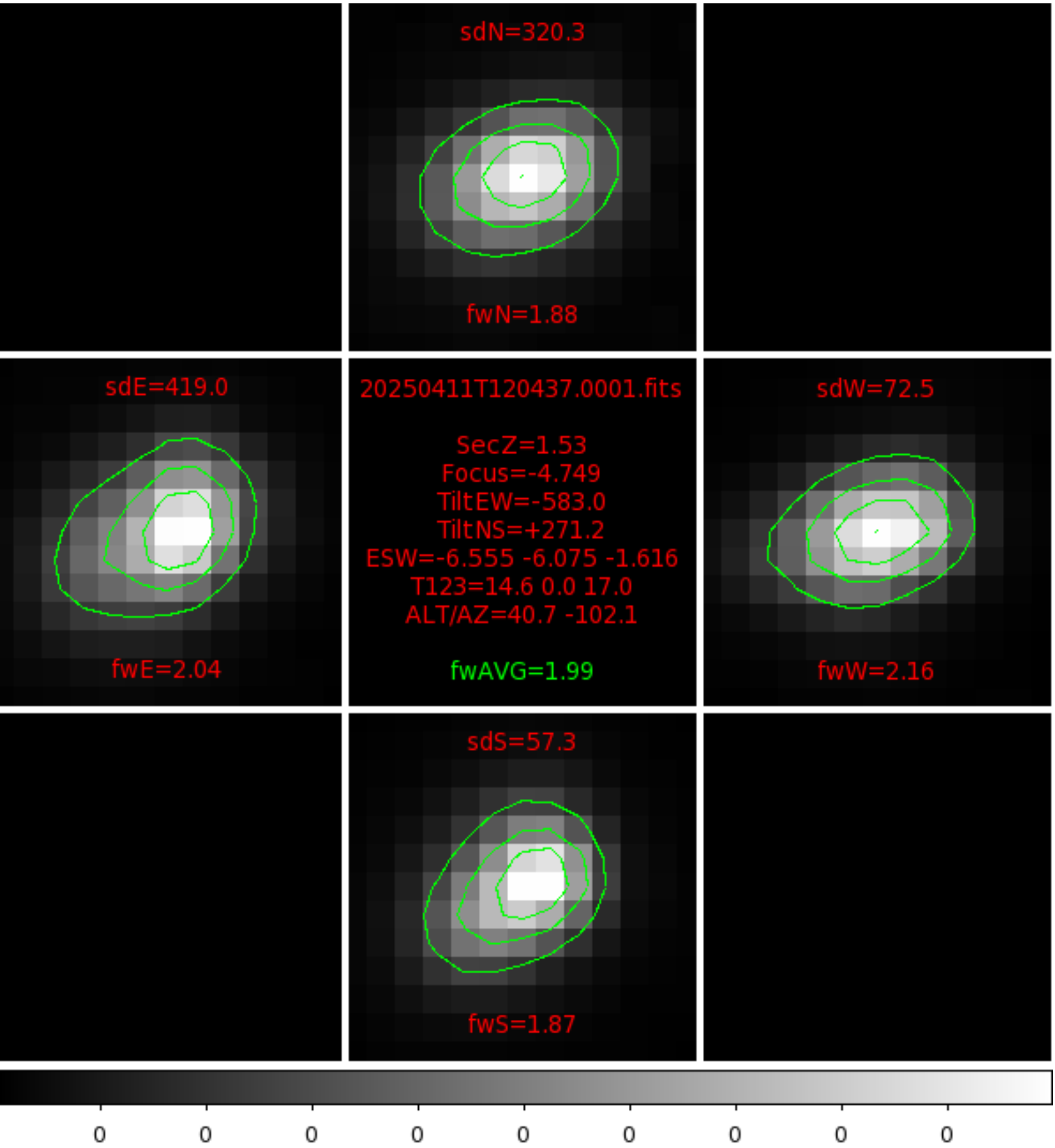
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SecZ=1.53
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TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.6 0.0 17.0
ALT/AZ=40.7 -102.1
fwAVG=1.99
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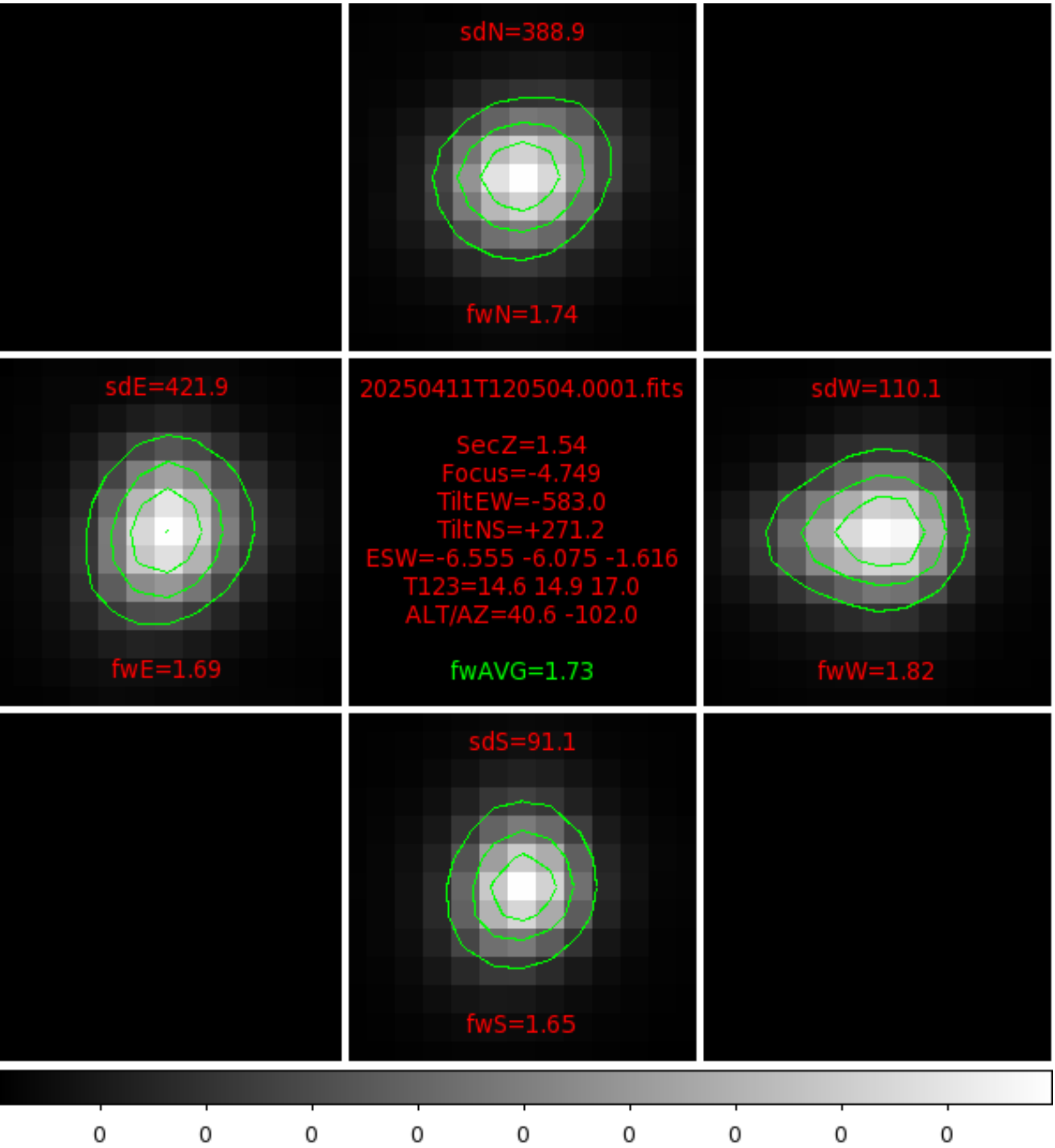
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SecZ=1.54
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.6 14.9 17.0
ALT/AZ=40.6 -102.0
fwAVG=1.73
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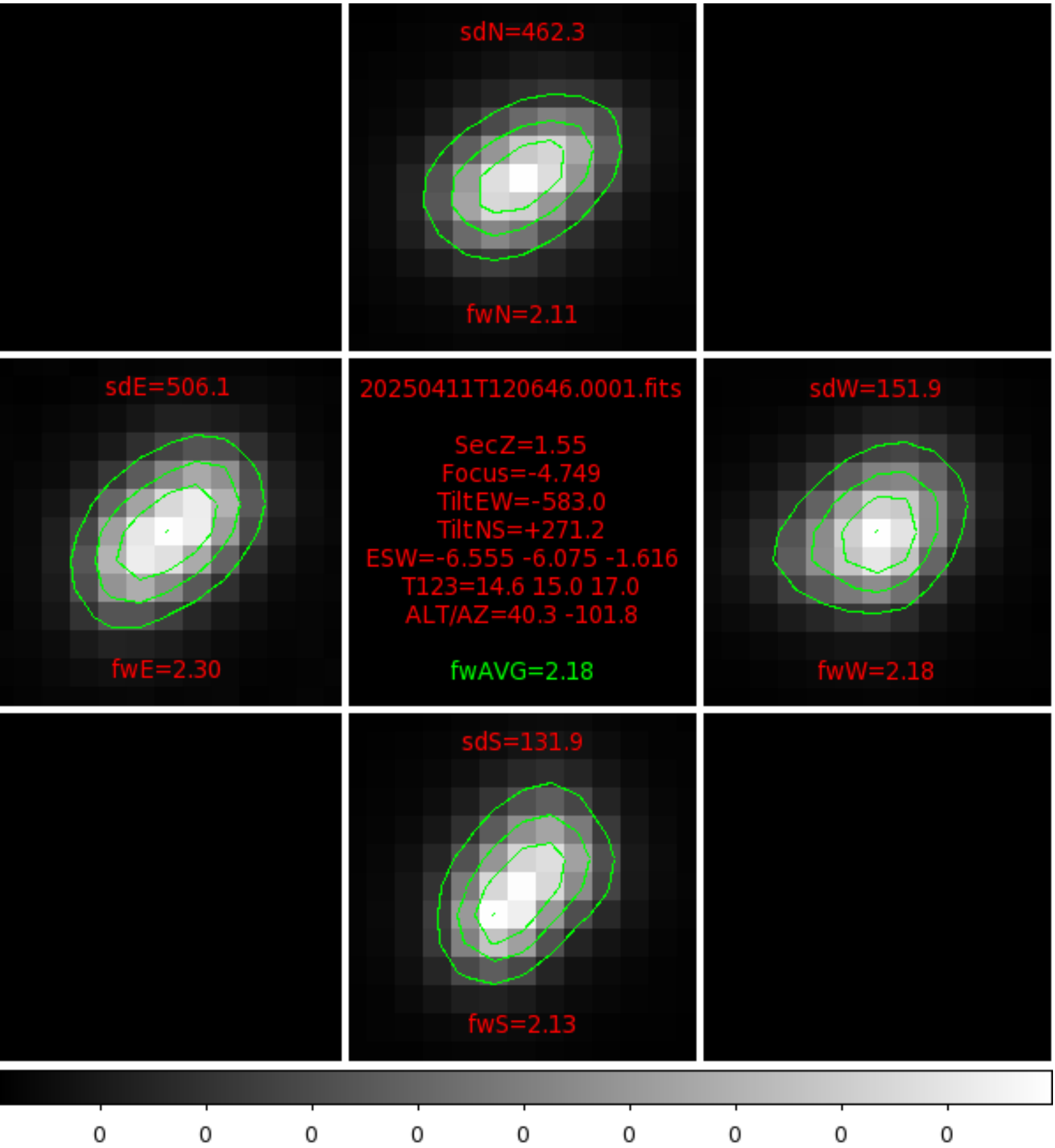
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SecZ=1.55
Focus=-4.749
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.6 15.0 17.0
ALT/AZ=40.3 -101.8
fwAVG=2.18
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sdS=131.9
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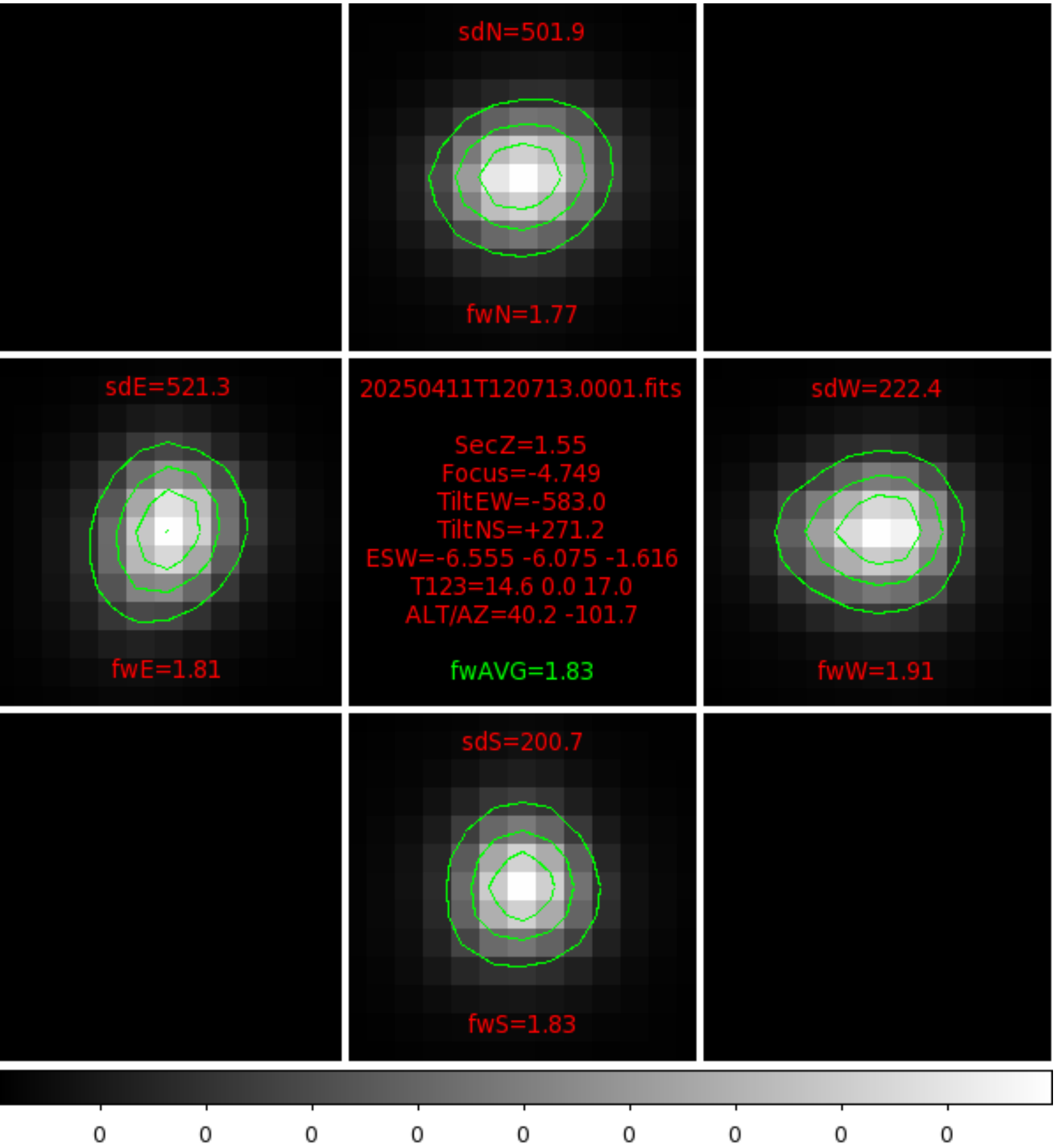
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SecZ=1.55
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.6 0.0 17.0
ALT/AZ=40.2 -101.7
fwAVG=1.83
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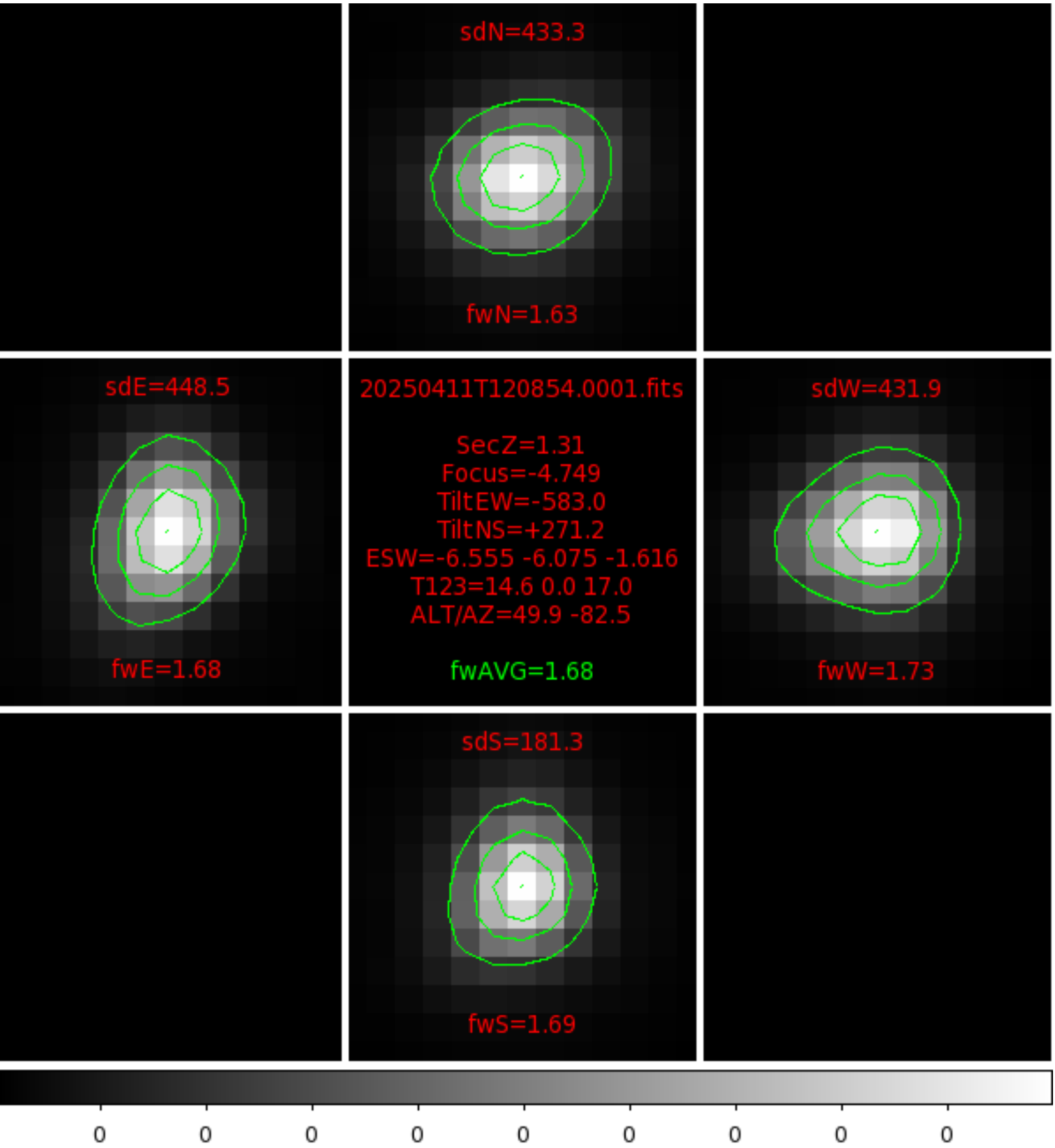
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sdE=448.5
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SecZ=1.31
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.6 0.0 17.0
ALT/AZ=49.9 -82.5
fwAVG=1.68
sdW=431.9
fwW=1.73
sdS=181.3
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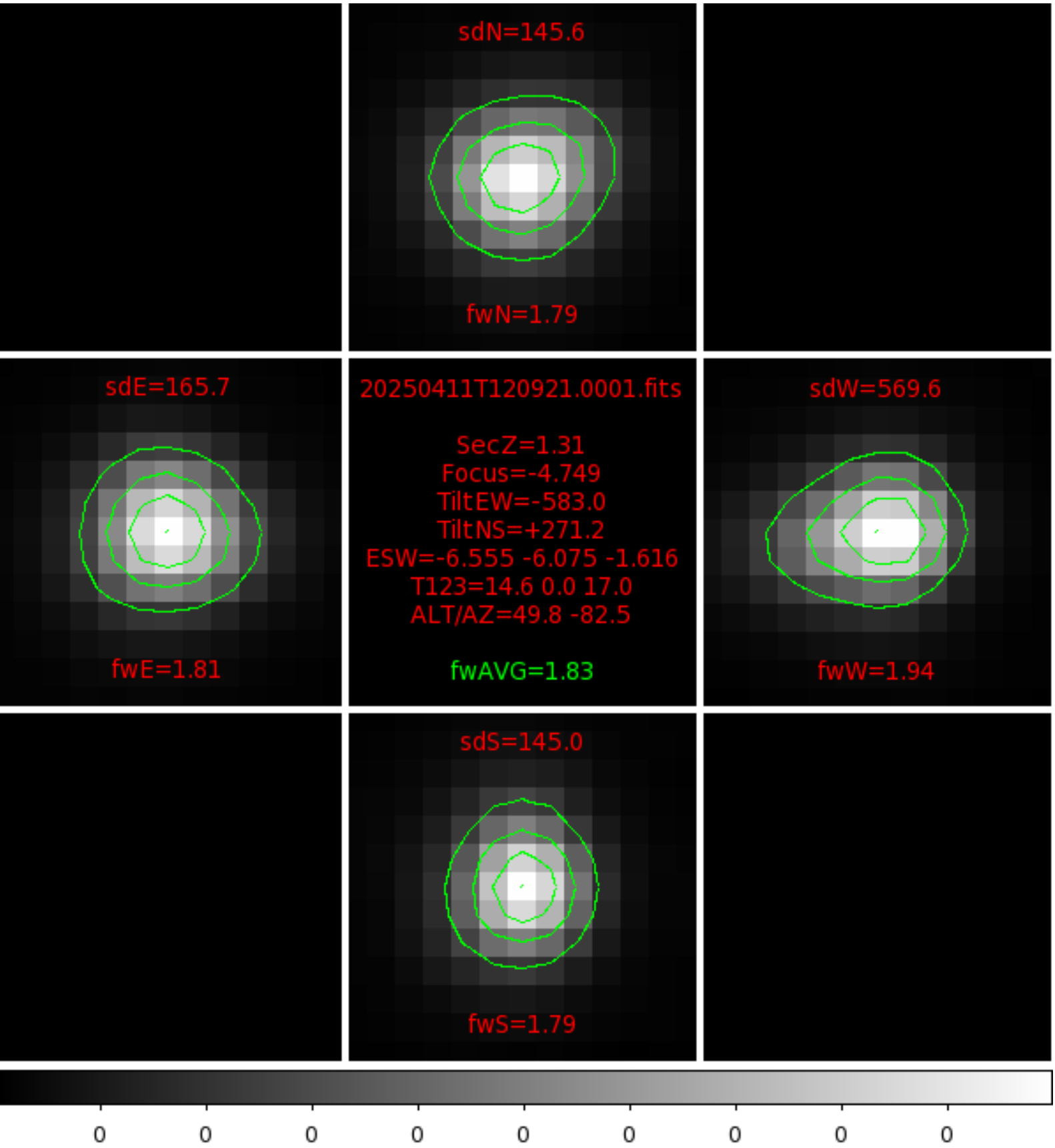
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ESW=-6.555 -6.075 -1.616
T123=14.6 0.0 17.0
ALT/AZ=49.8 -82.5
fwAVG=1.83
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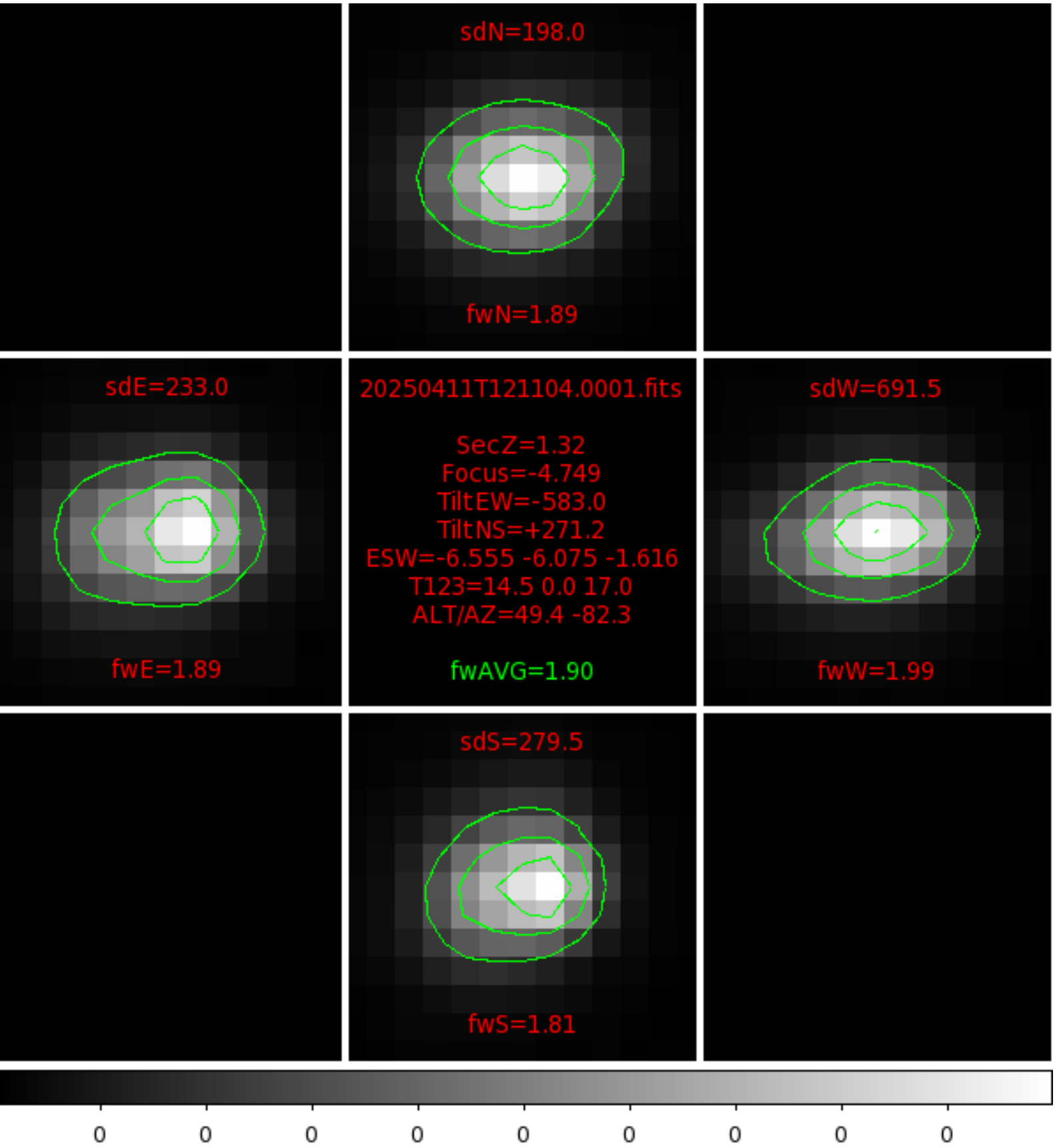
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T123=14.5 0.0 17.0
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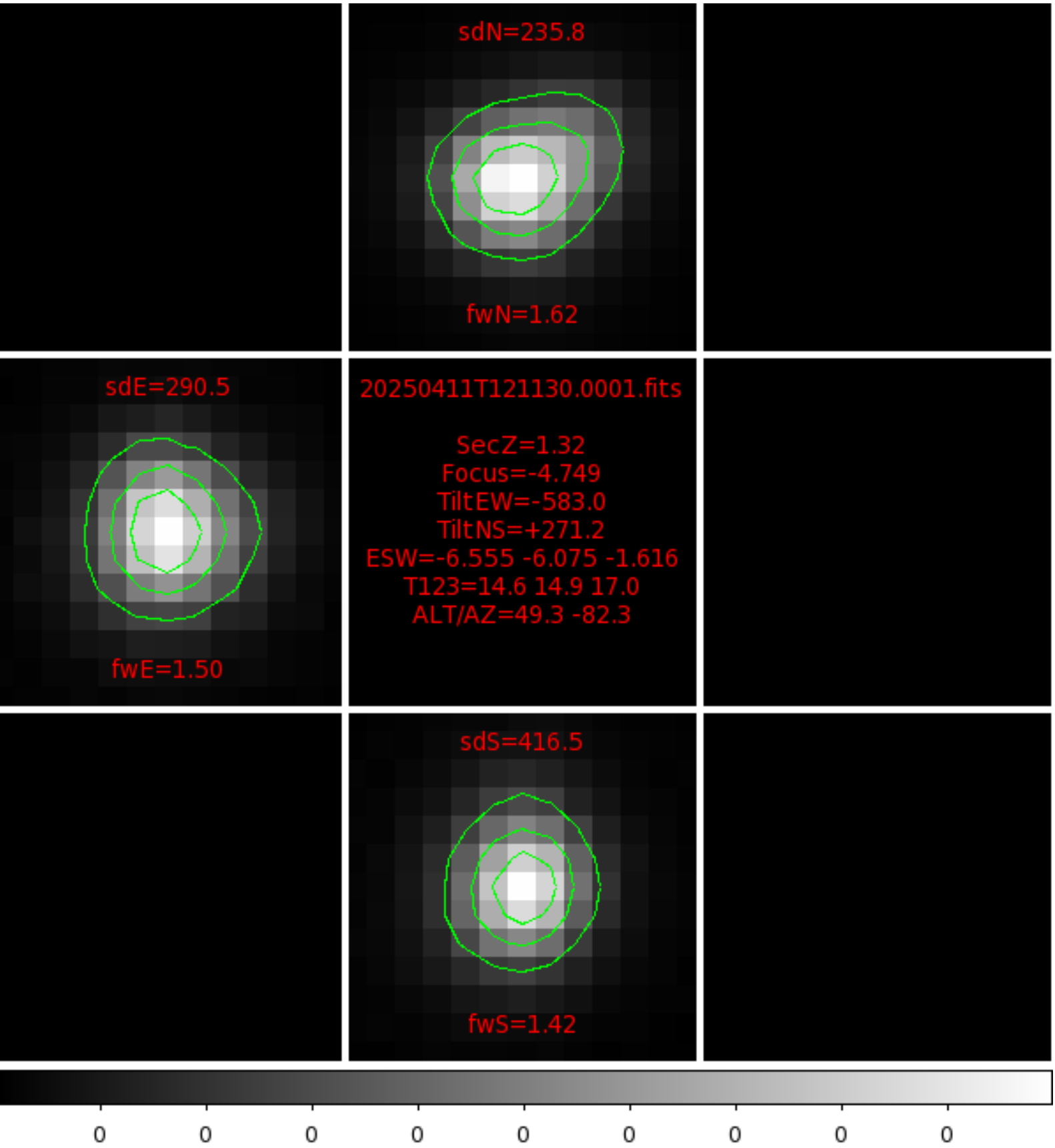
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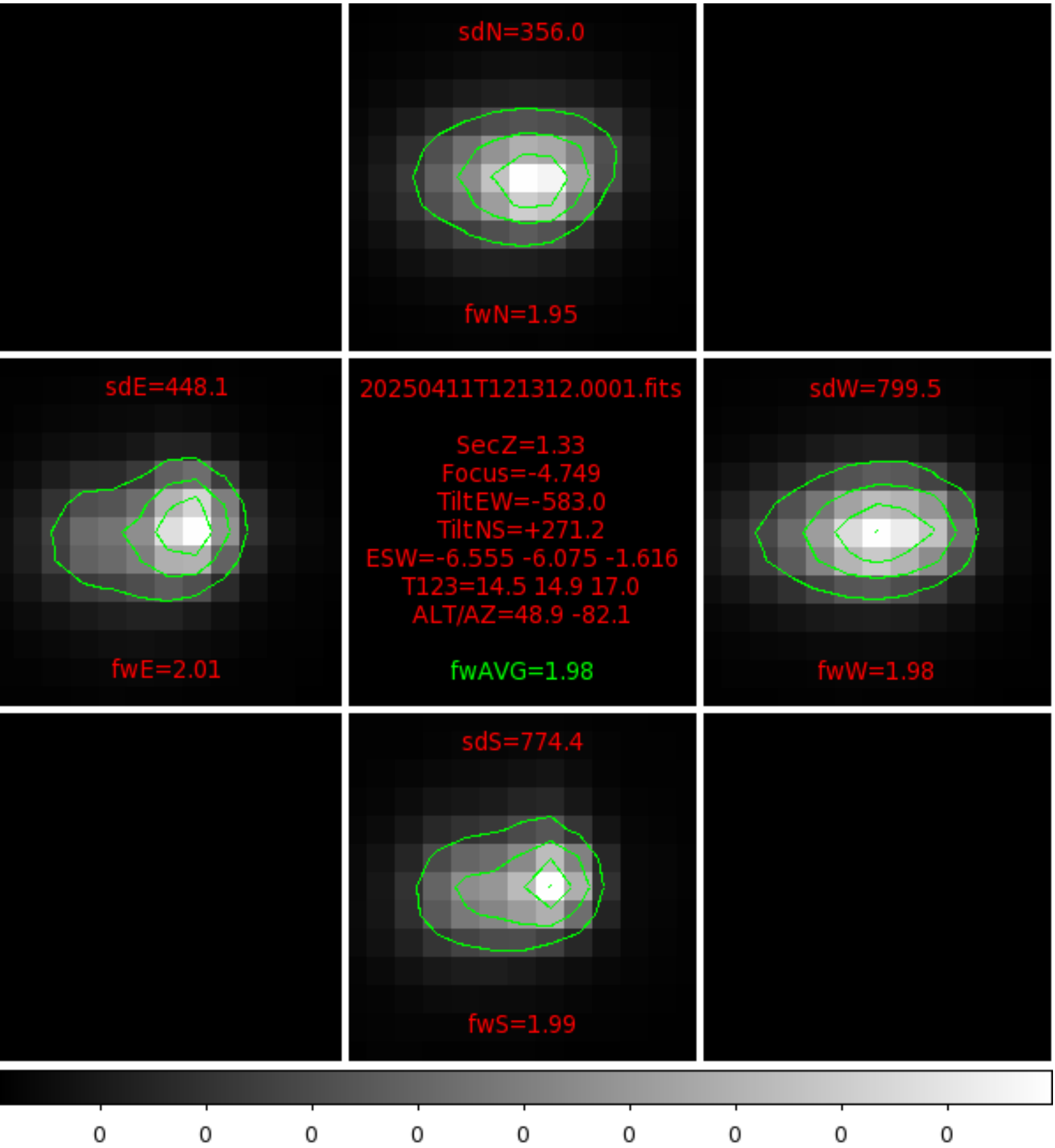
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.5 14.9 17.0
ALT/AZ=48.9 -82.1
fwAVG=1.98
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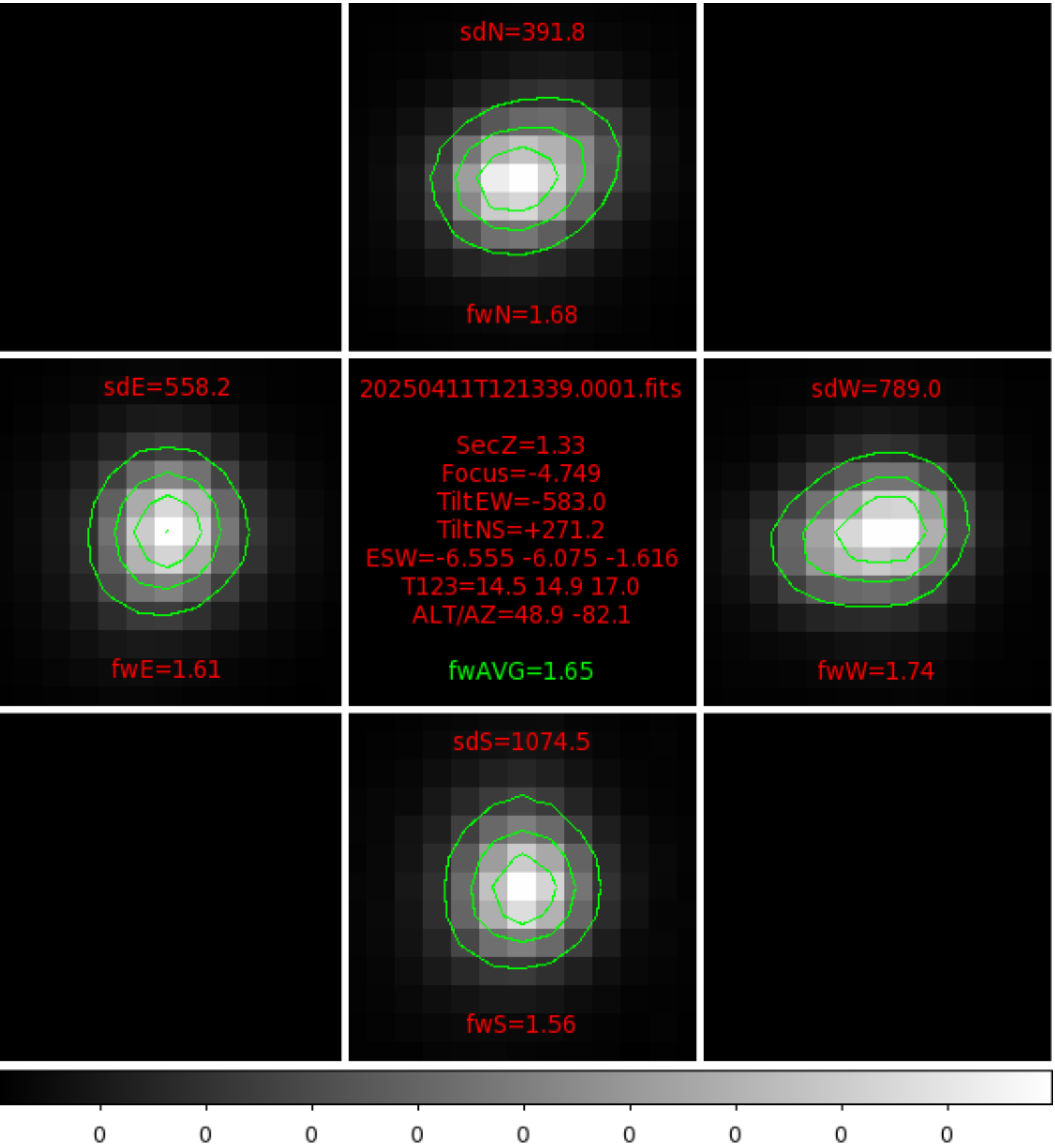
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Focus=-4.749
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.5 14.9 17.0
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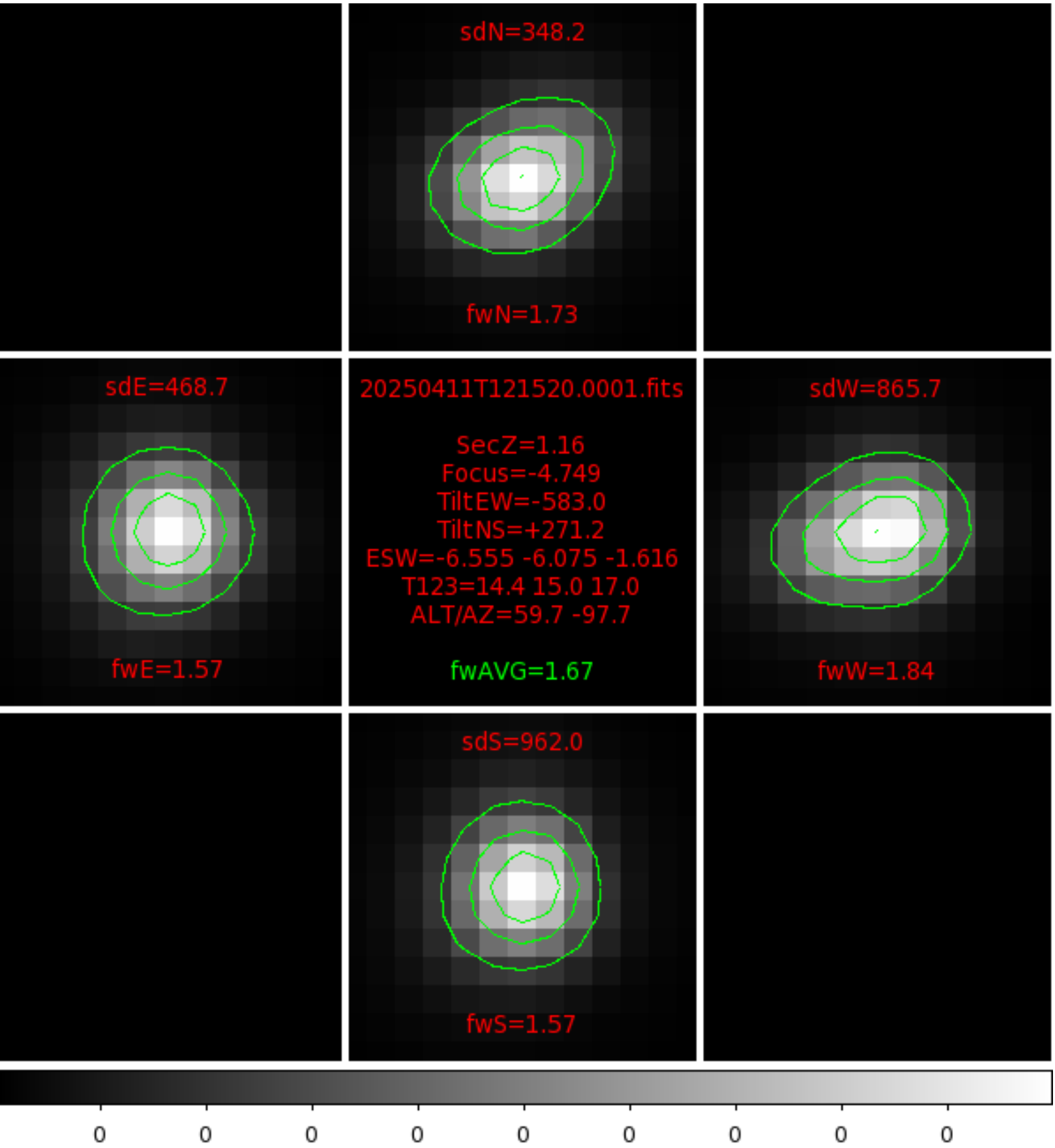
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.4 15.0 17.0
ALT/AZ=59.7 -97.7
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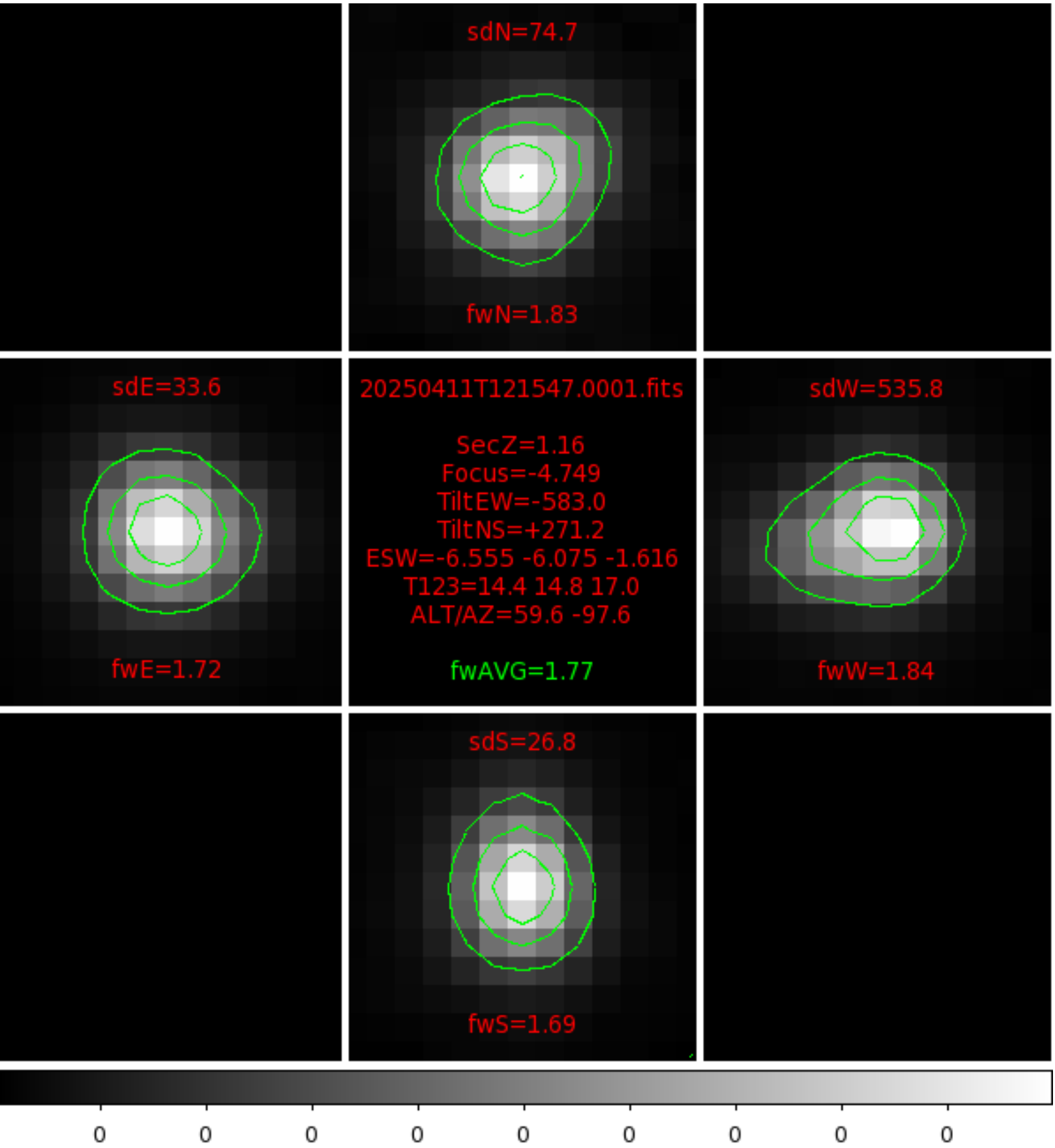
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SecZ=1.16
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TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.4 14.8 17.0
ALT/AZ=59.6 -97.6
fwAVG=1.77
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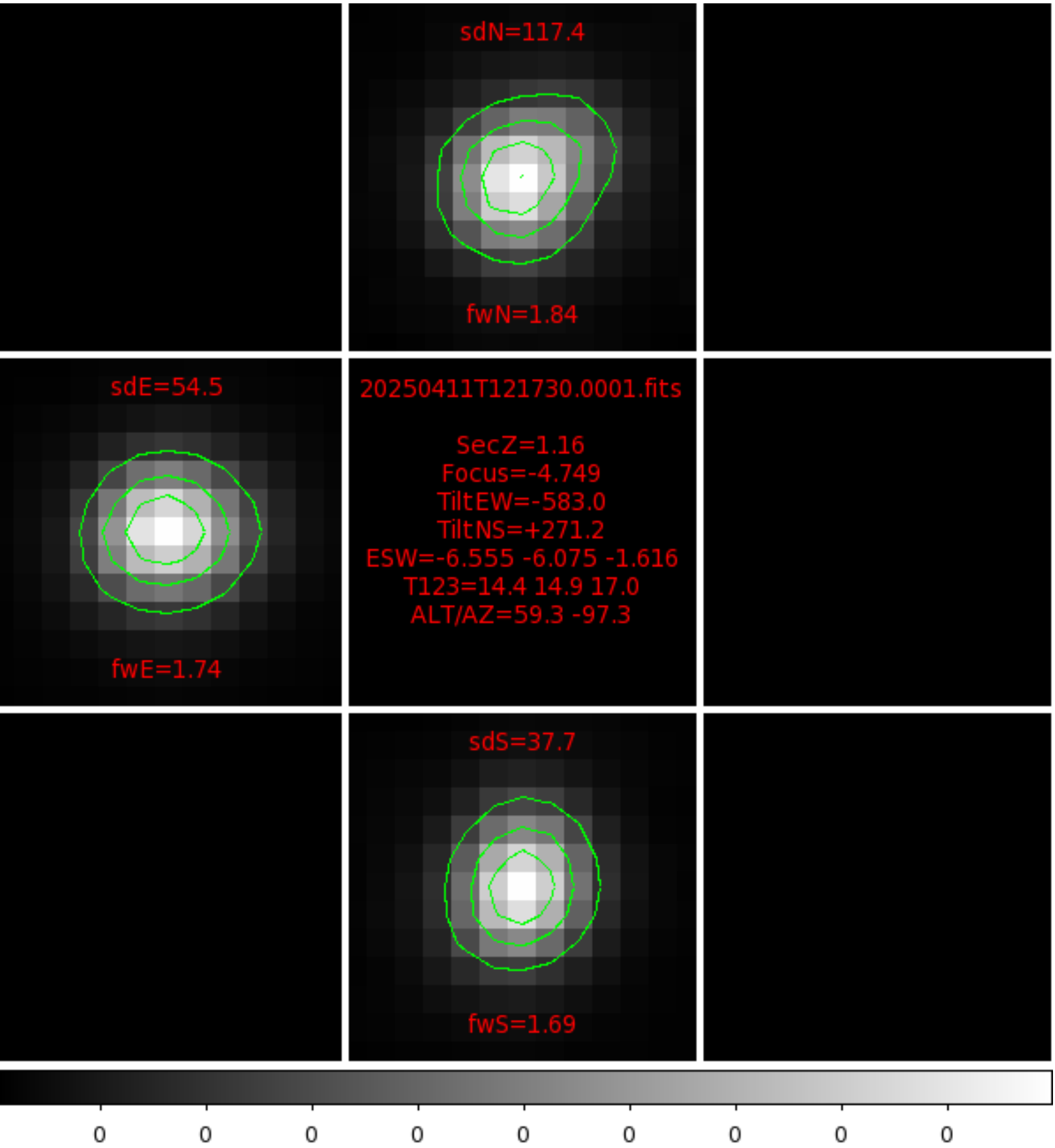
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SecZ=1.16
Focus=-4.749
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.4 14.9 17.0
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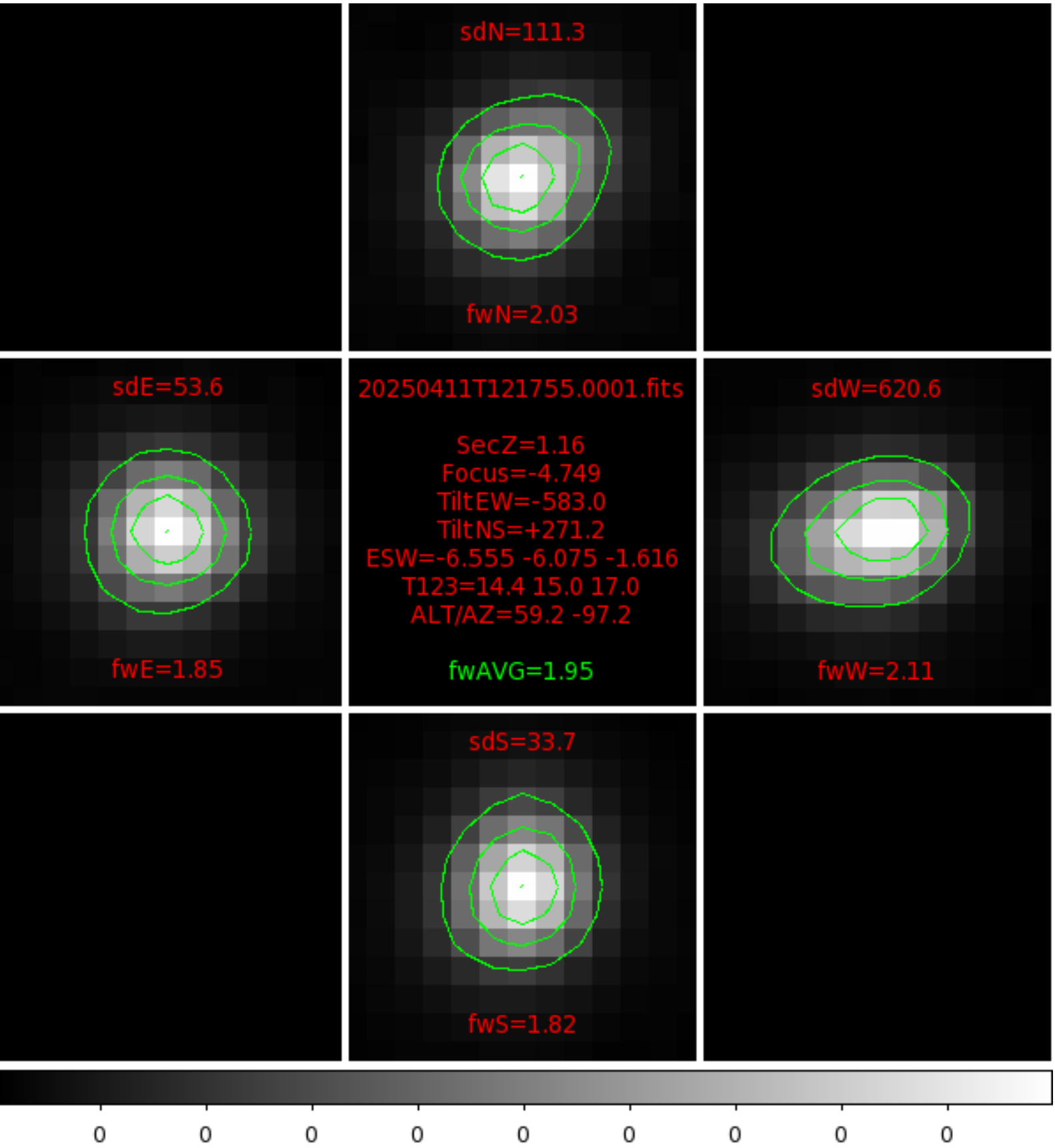
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SecZ=1.16
Focus=-4.749
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.4 15.0 17.0
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fwAVG=1.95
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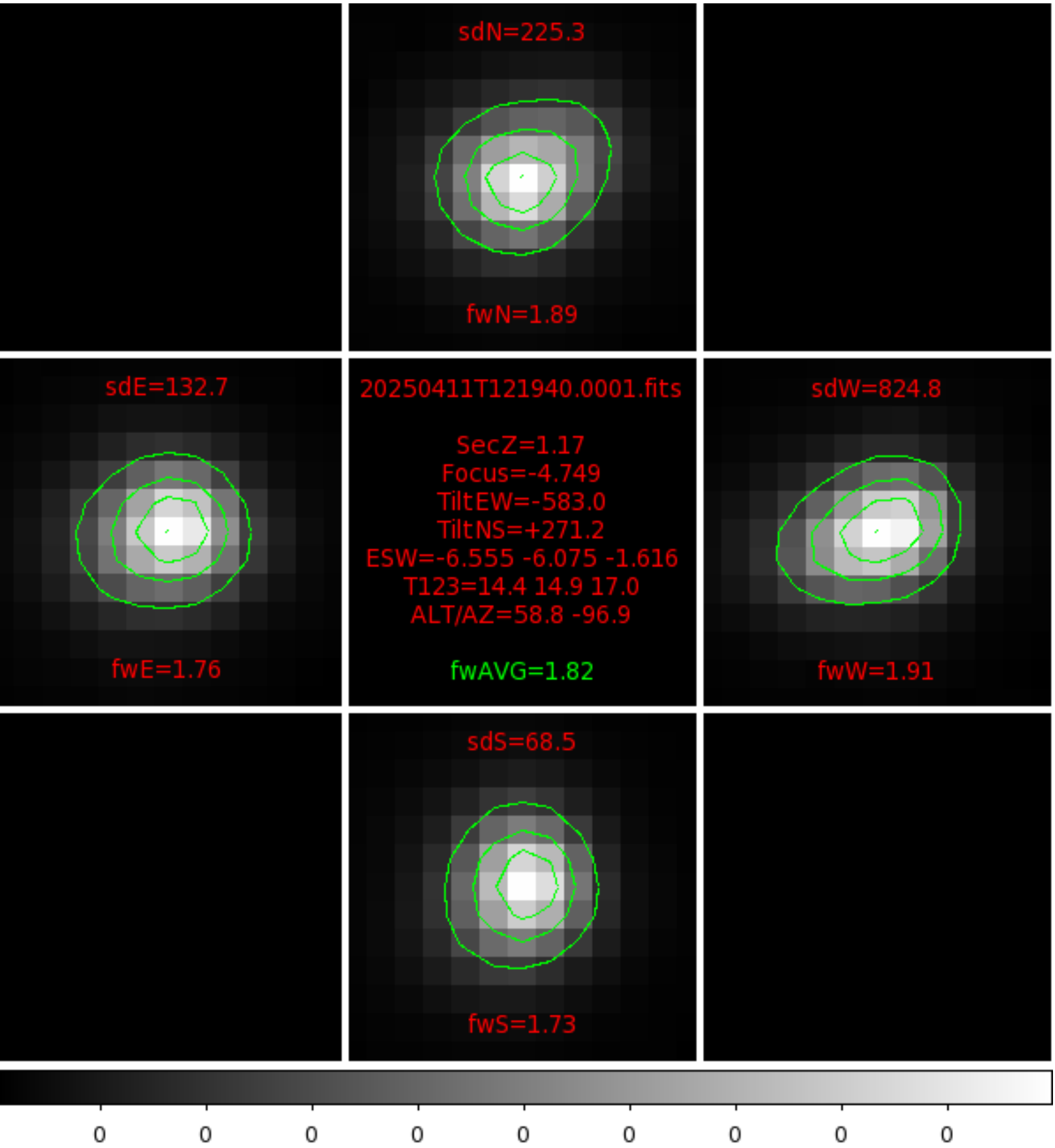
sdN=225.3
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SecZ=1.17
Focus=-4.749
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.4 14.9 17.0
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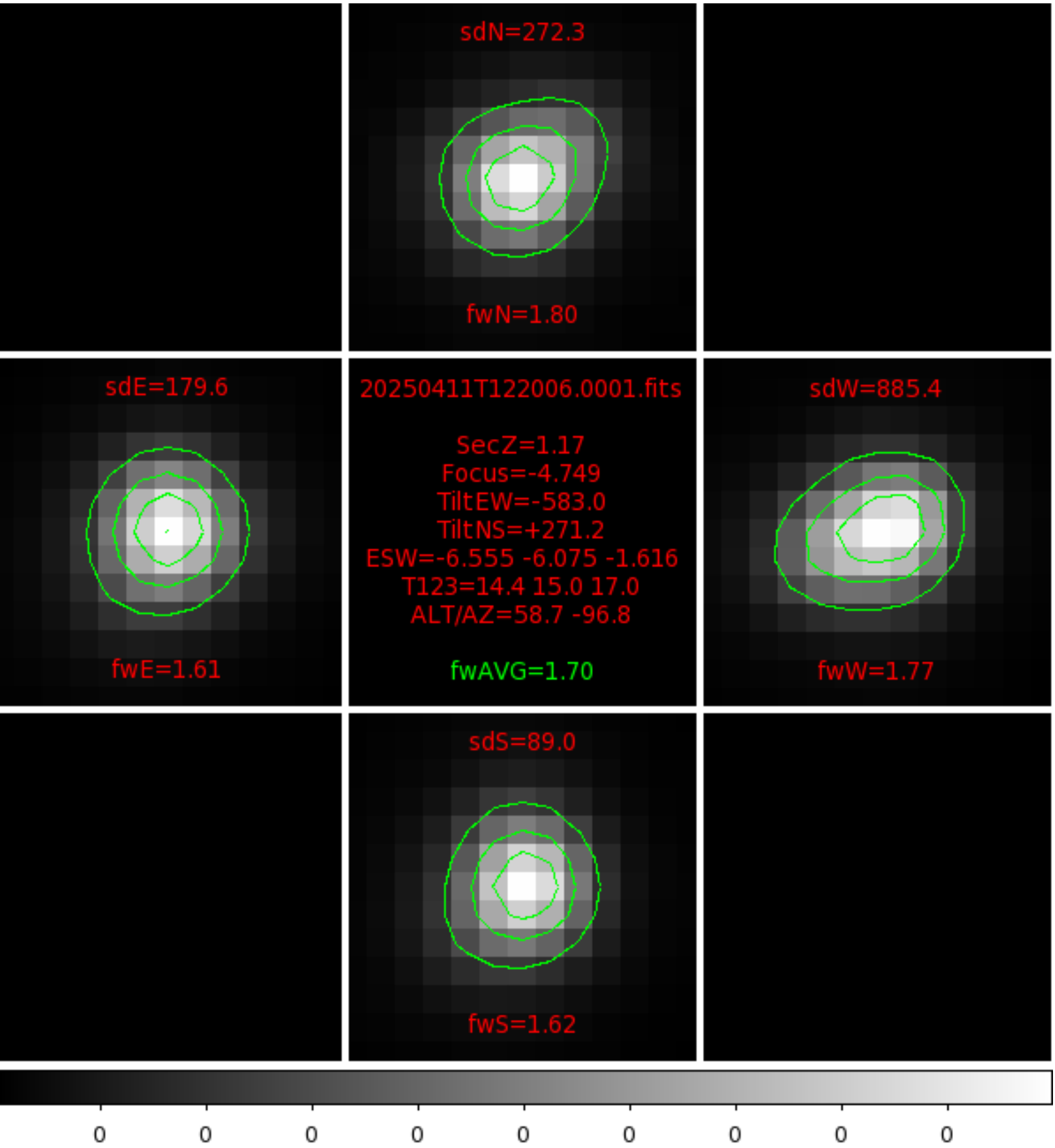
sdN=272.3
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SecZ=1.17
Focus=-4.749
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.555 -6.075 -1.616
T123=14.4 15.0 17.0
ALT/AZ=58.7 -96.8
fwAVG=1.70
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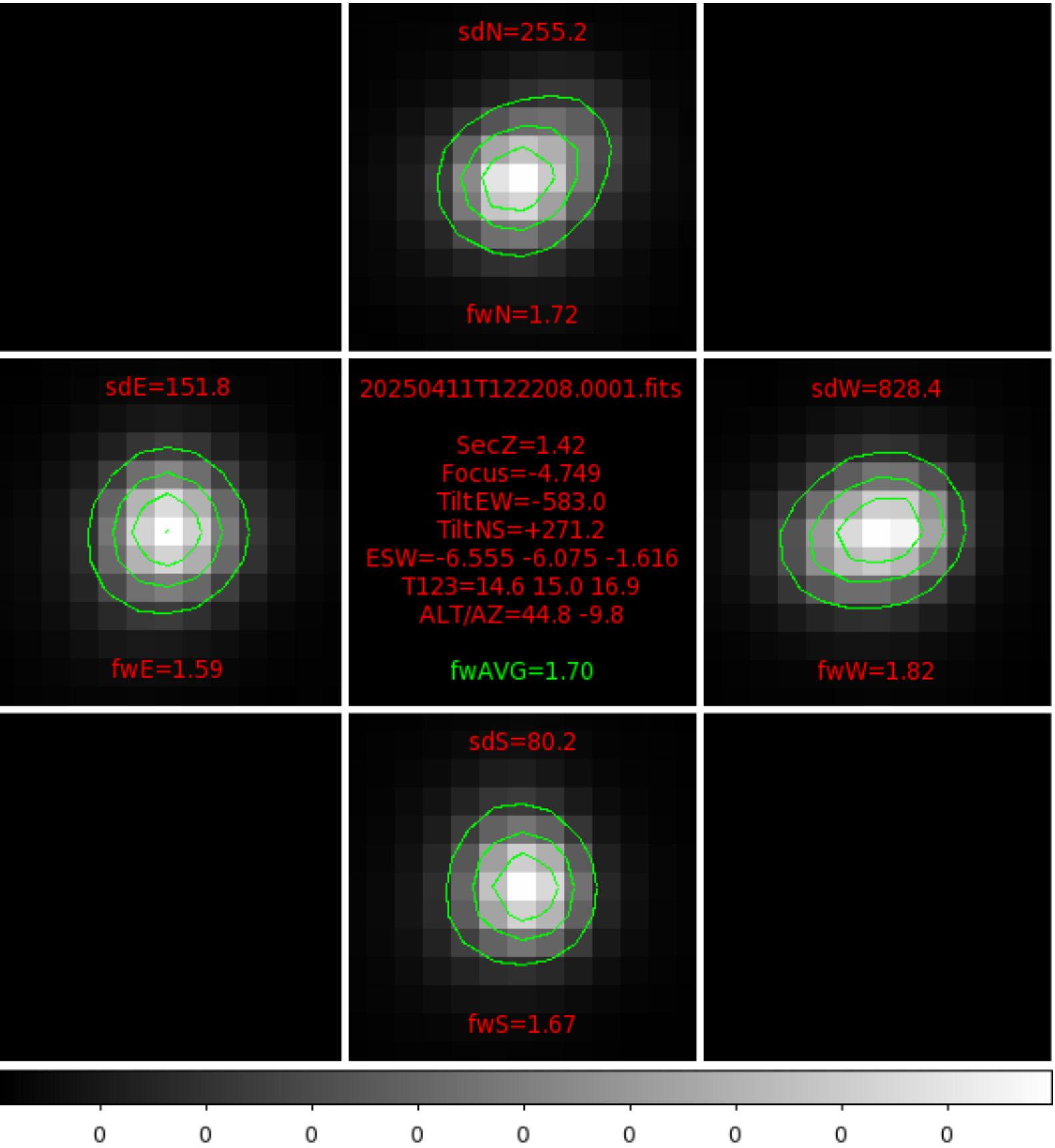
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ESW=-6.555 -6.075 -1.616
T123=14.6 15.0 16.9
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fwAVG=1.70
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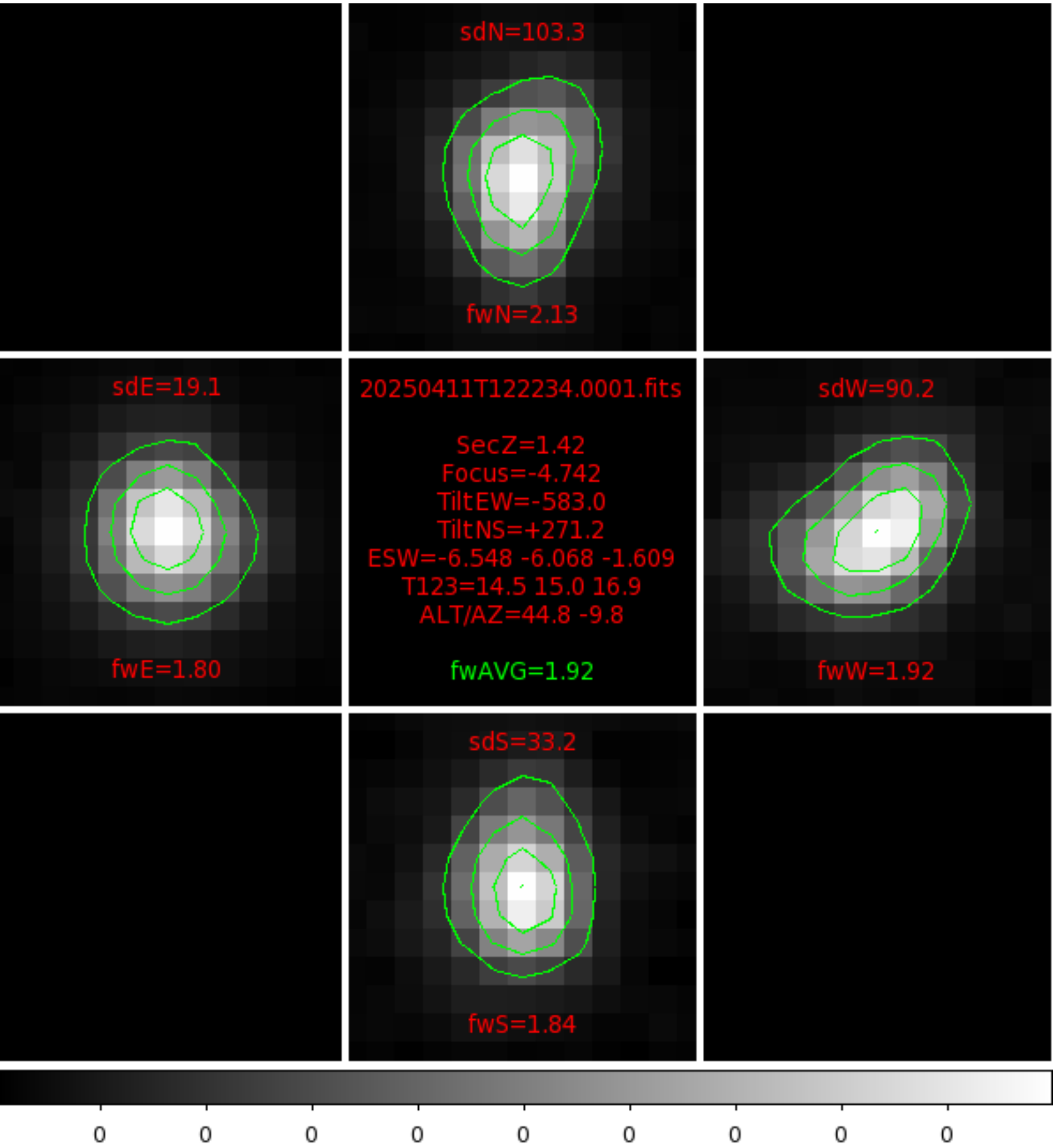
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SecZ=1.42
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TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=14.5 15.0 16.9
ALT/AZ=44.8 -9.8
fwAVG=1.92
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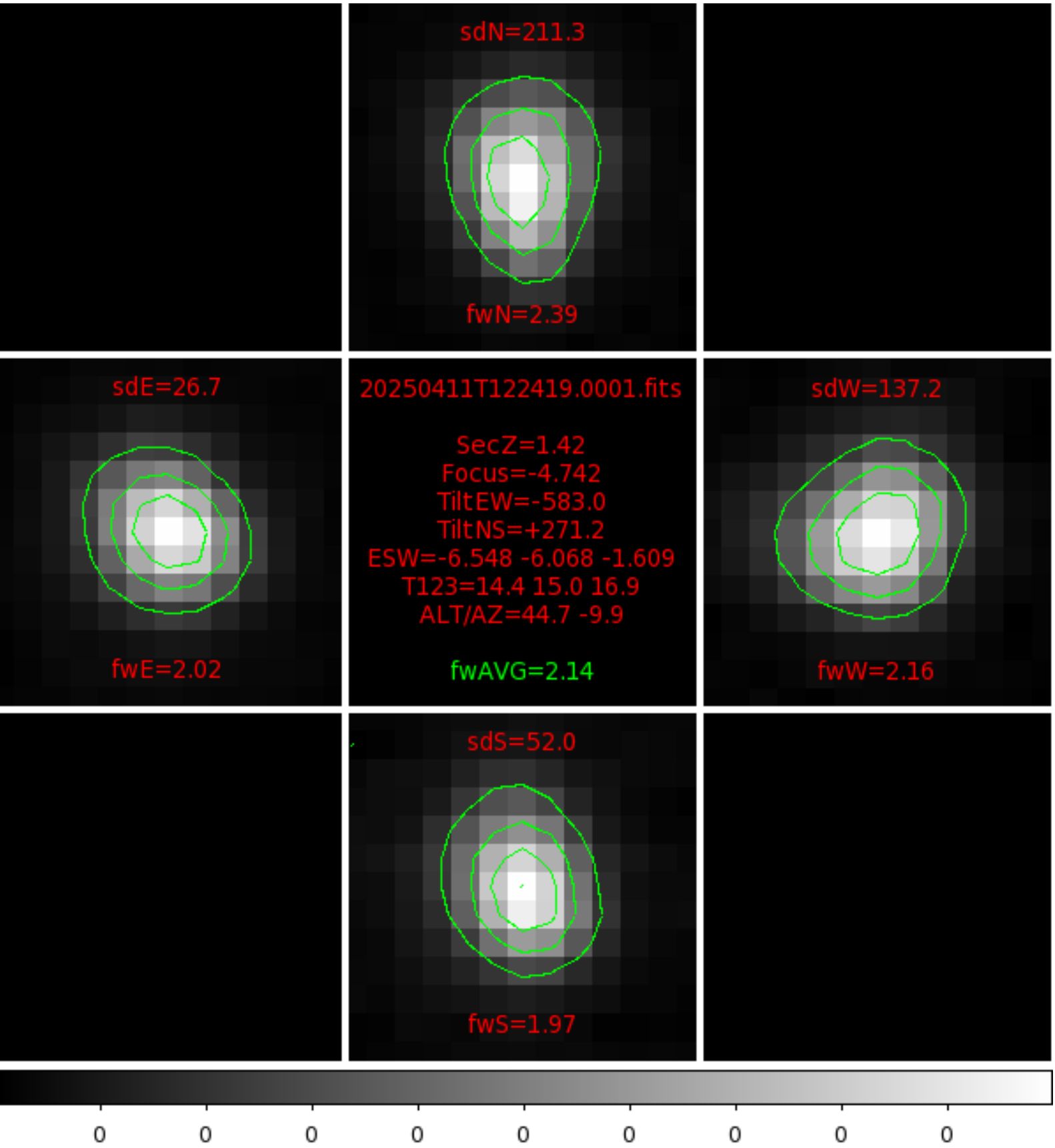
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=14.4 15.0 16.9
ALT/AZ=44.7 -9.9
fwAVG=2.14
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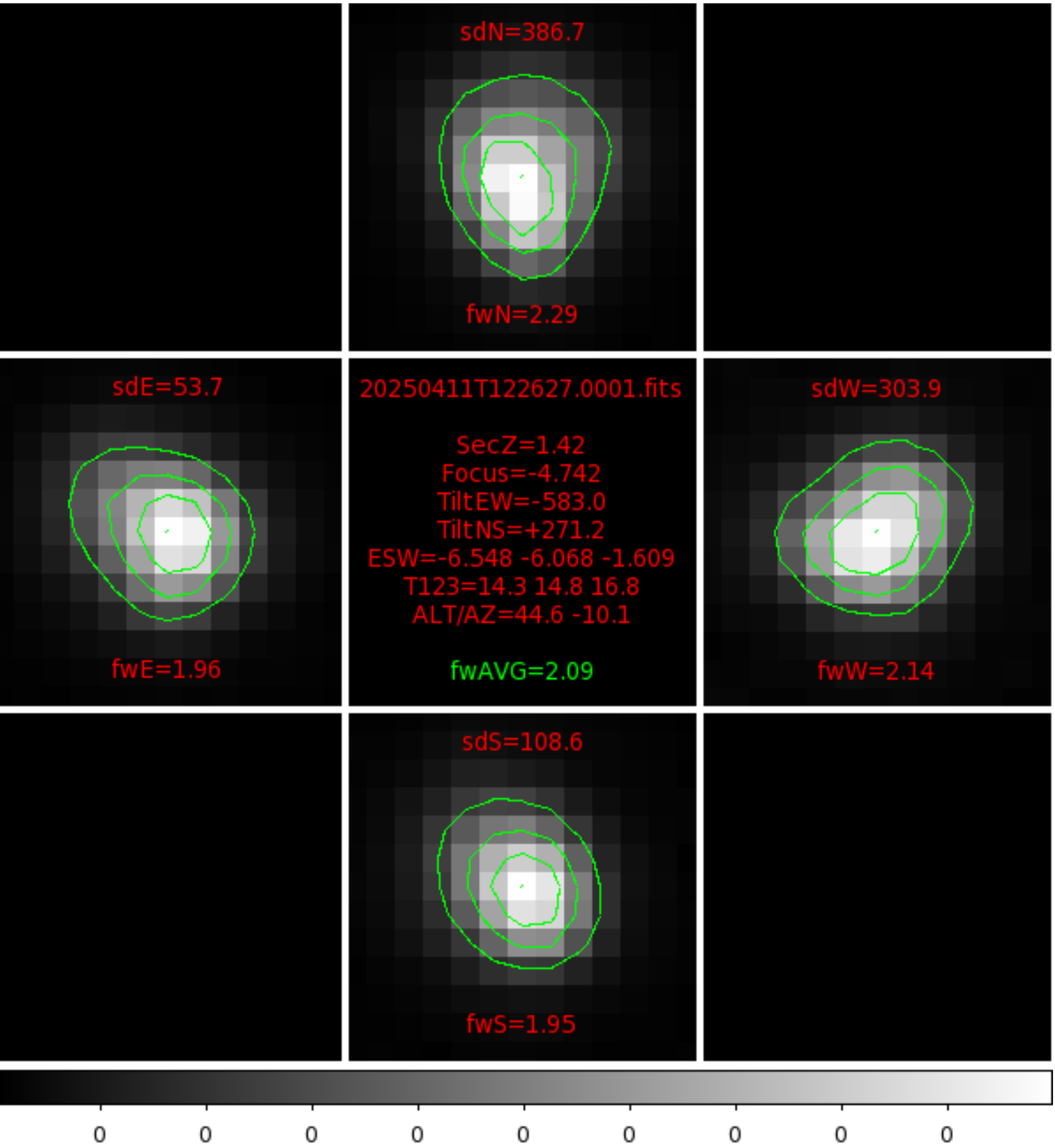
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sdE=53.7
fwE=1.96
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SecZ=1.42
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=14.3 14.8 16.8
ALT/AZ=44.6 -10.1
fwAVG=2.09
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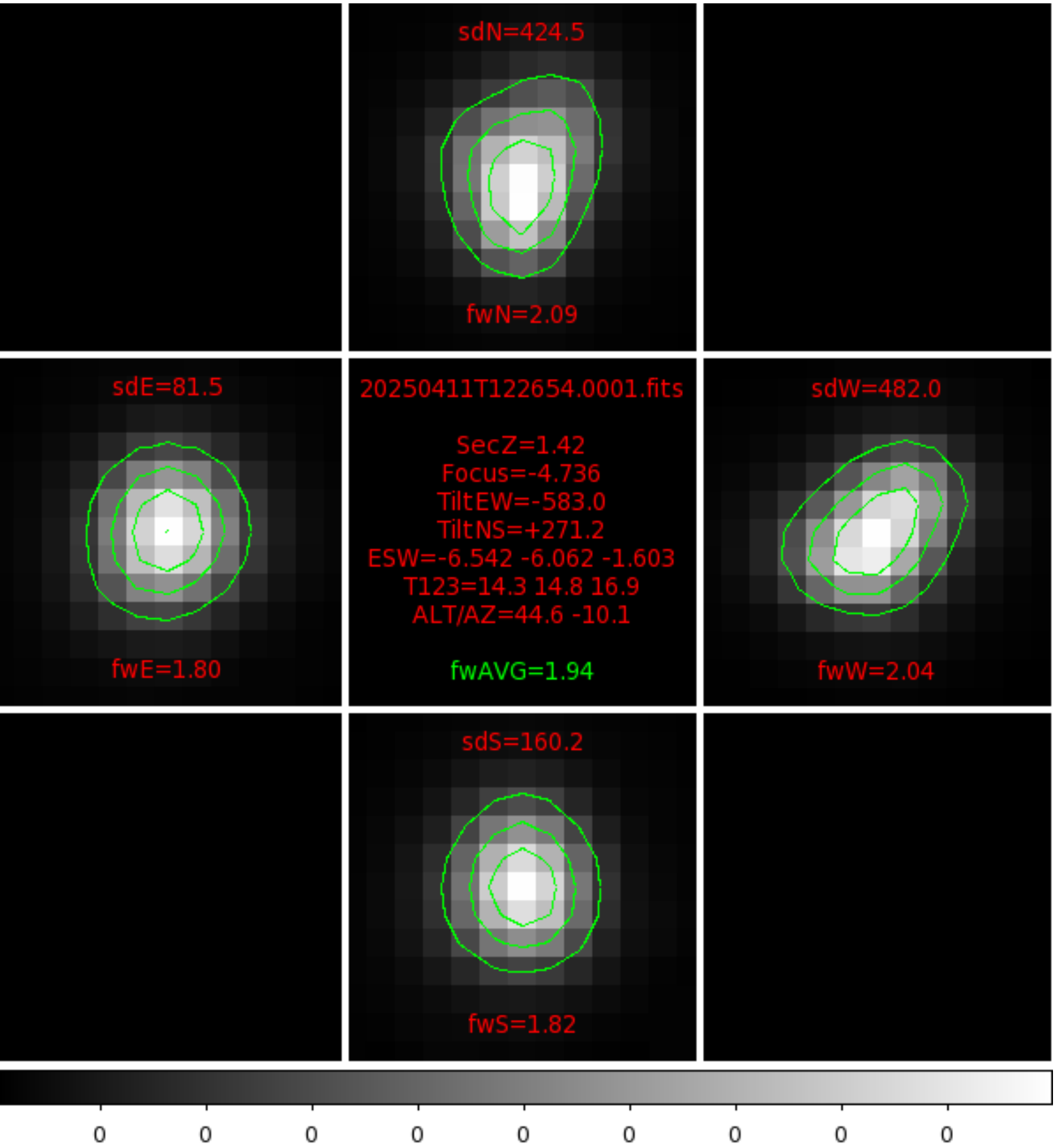
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SecZ=1.42
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.542 -6.062 -1.603
T123=14.3 14.8 16.9
ALT/AZ=44.6 -10.1
fwAVG=1.94
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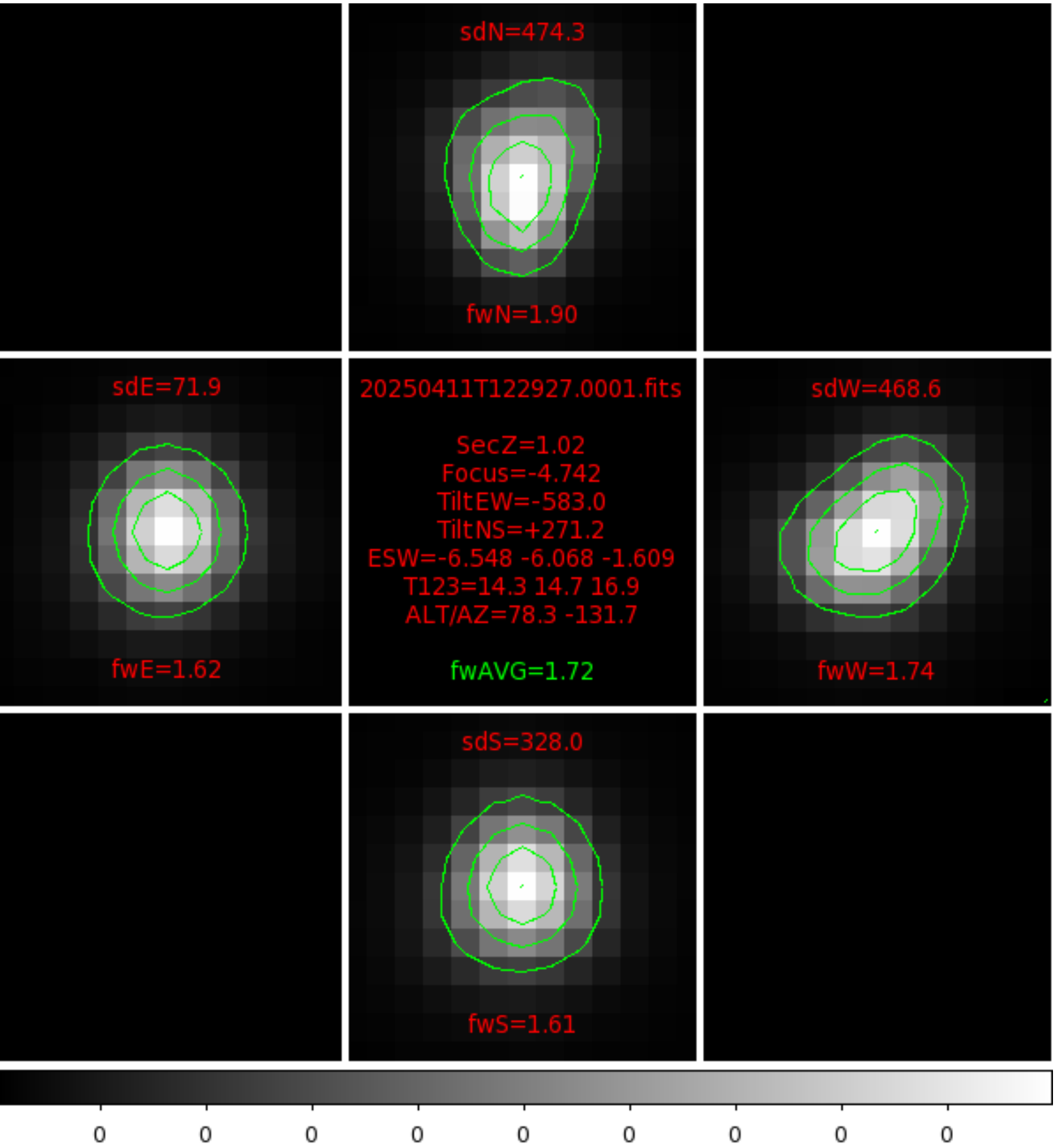
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=14.3 14.7 16.9
ALT/AZ=78.3 -131.7
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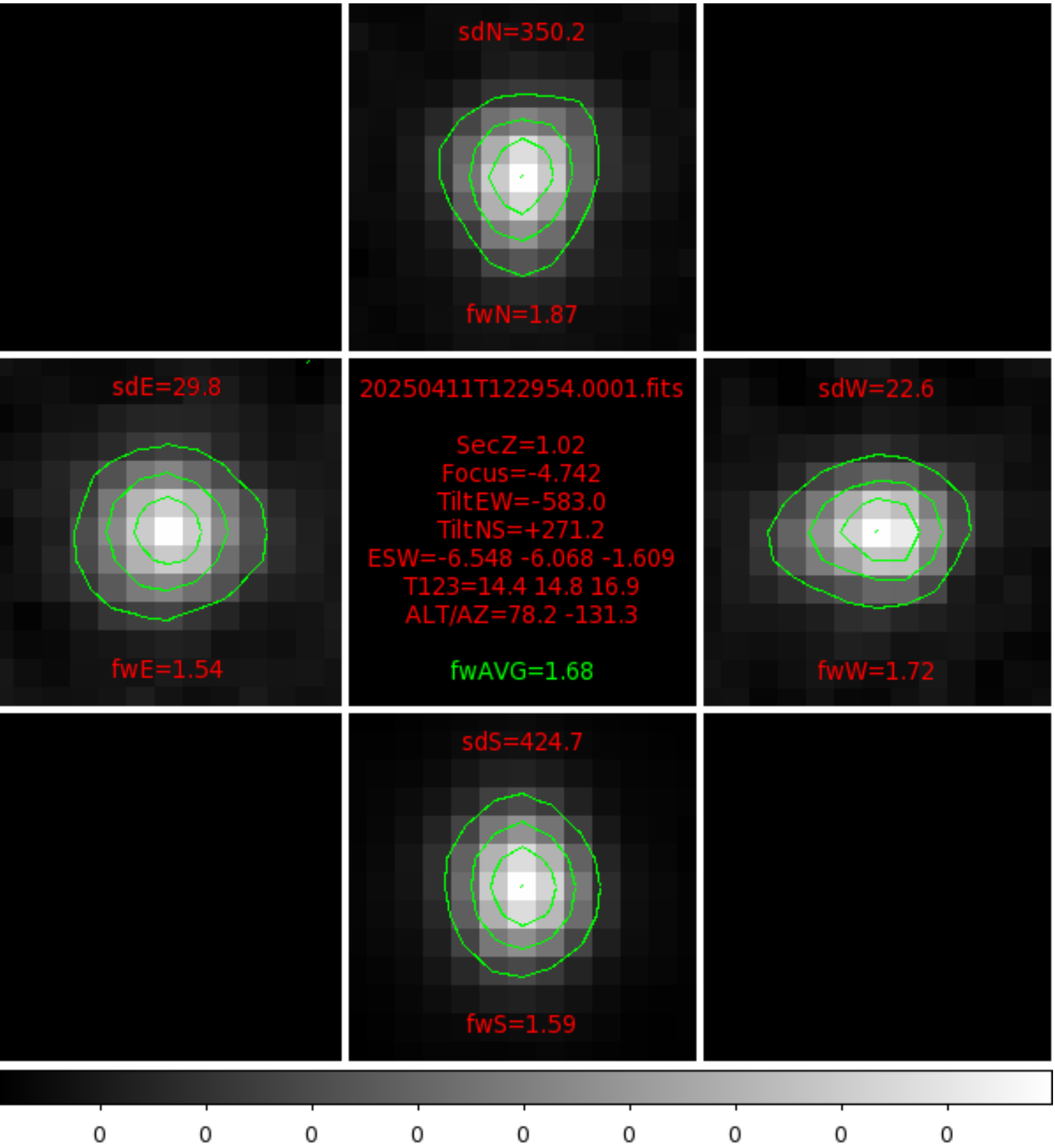
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TiltNS=+271.2
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T123=14.4 14.8 16.9
ALT/AZ=78.2 -131.3
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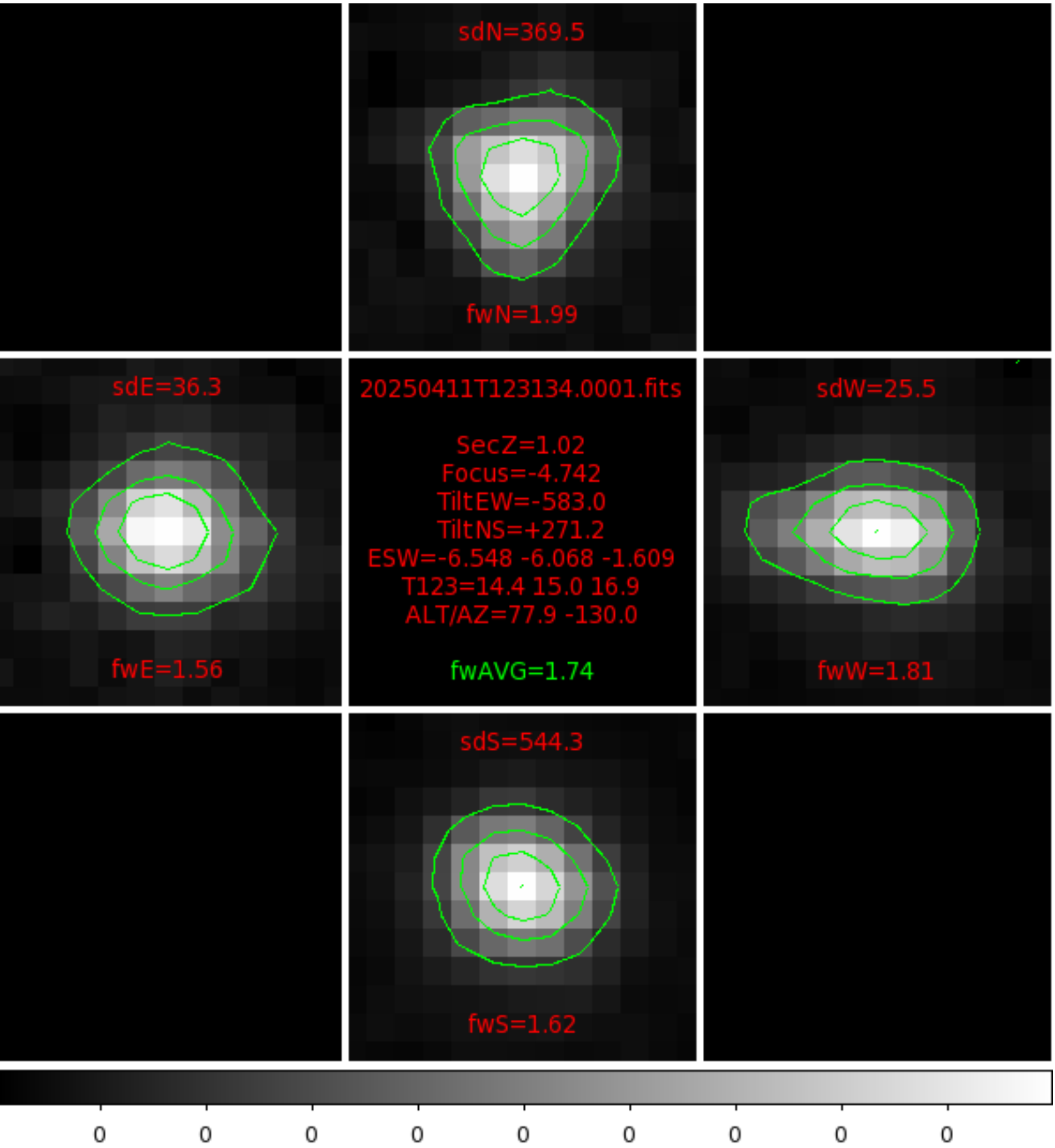
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=14.4 15.0 16.9
ALT/AZ=77.9 -130.0
fwAVG=1.74
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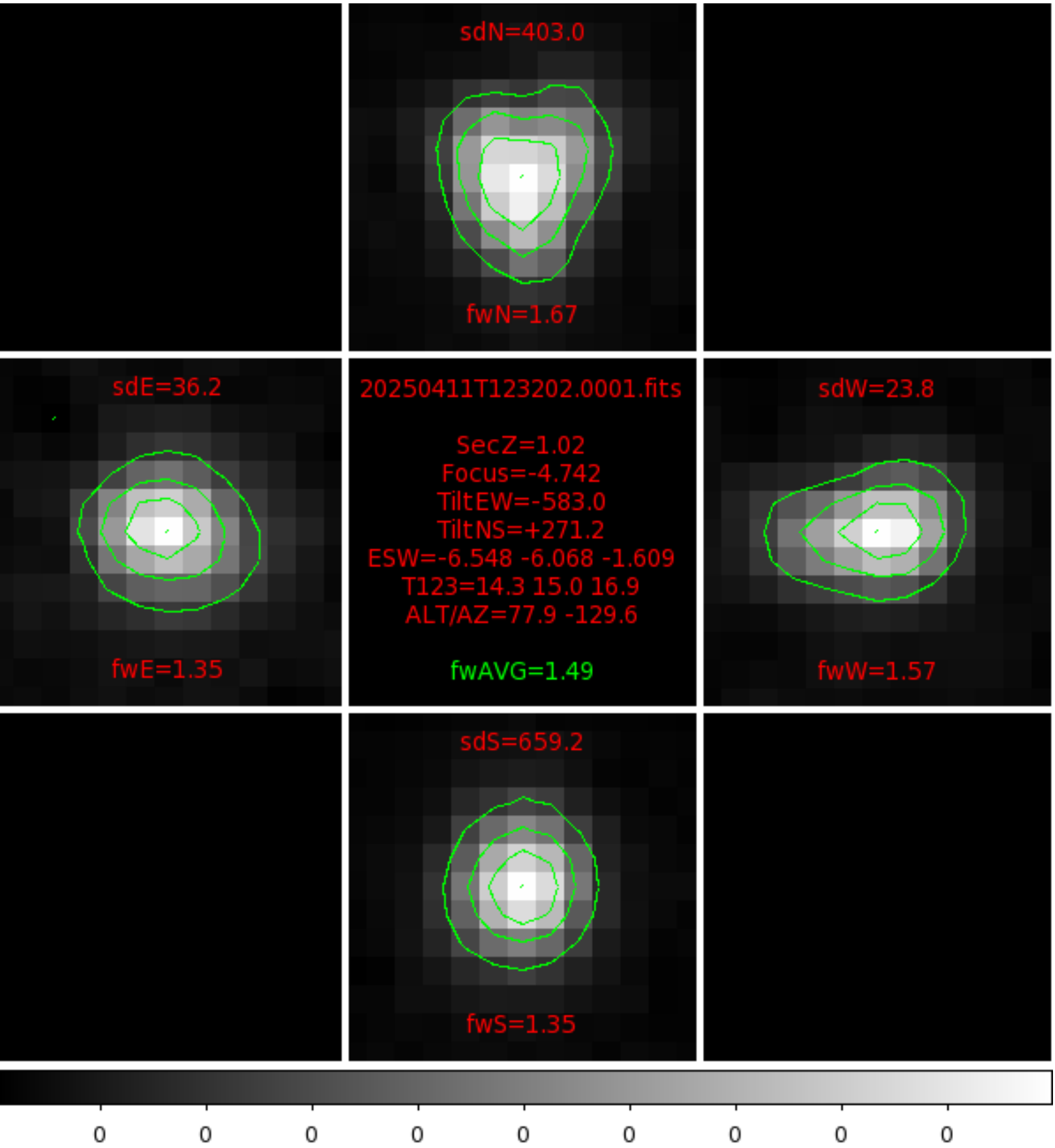
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Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=14.3 15.0 16.9
ALT/AZ=77.9 -129.6
fwAVG=1.49
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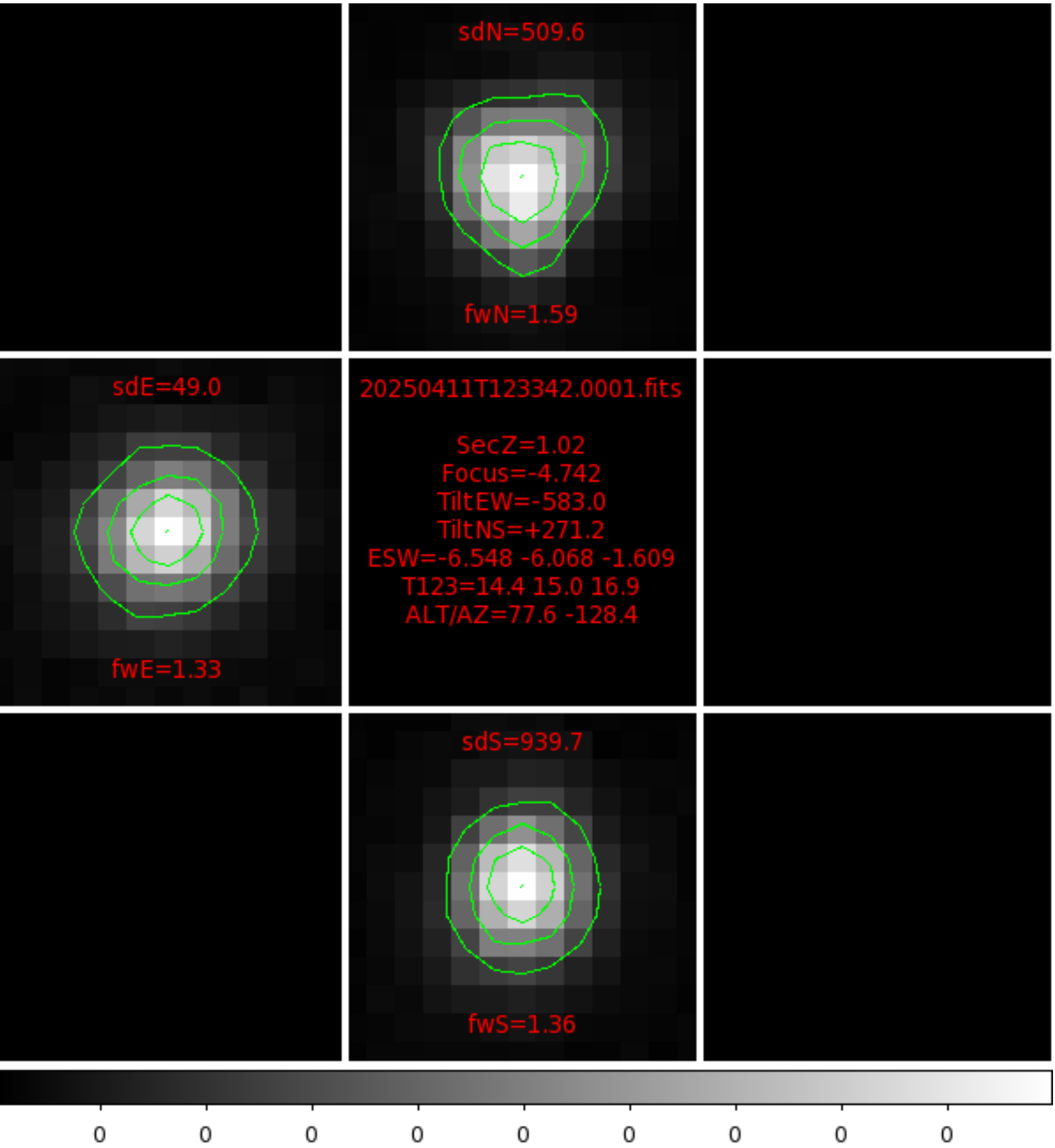
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SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=14.4 15.0 16.9
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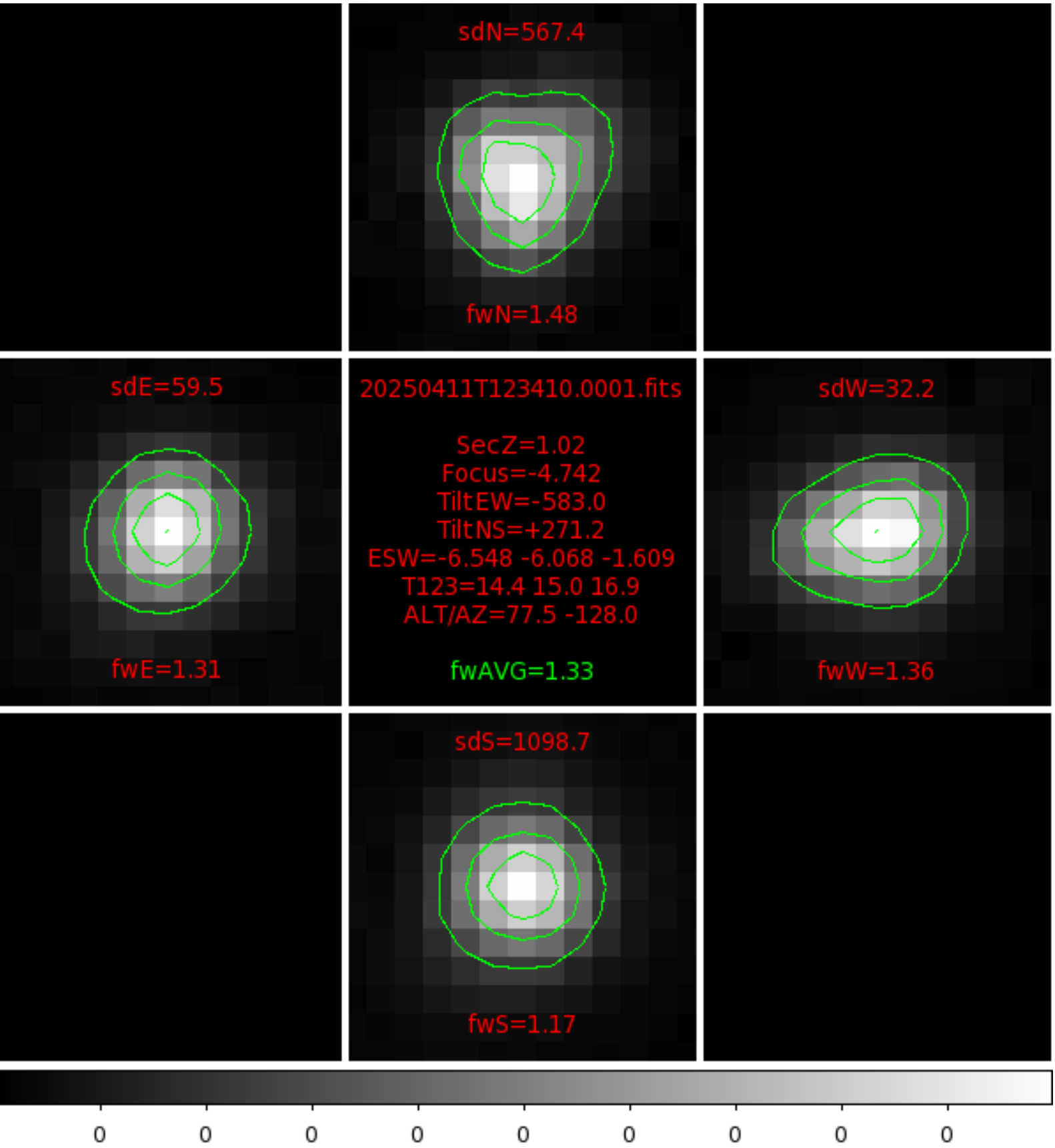
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SecZ=1.02
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=14.4 15.0 16.9
ALT/AZ=77.5 -128.0
fwAVG=1.33
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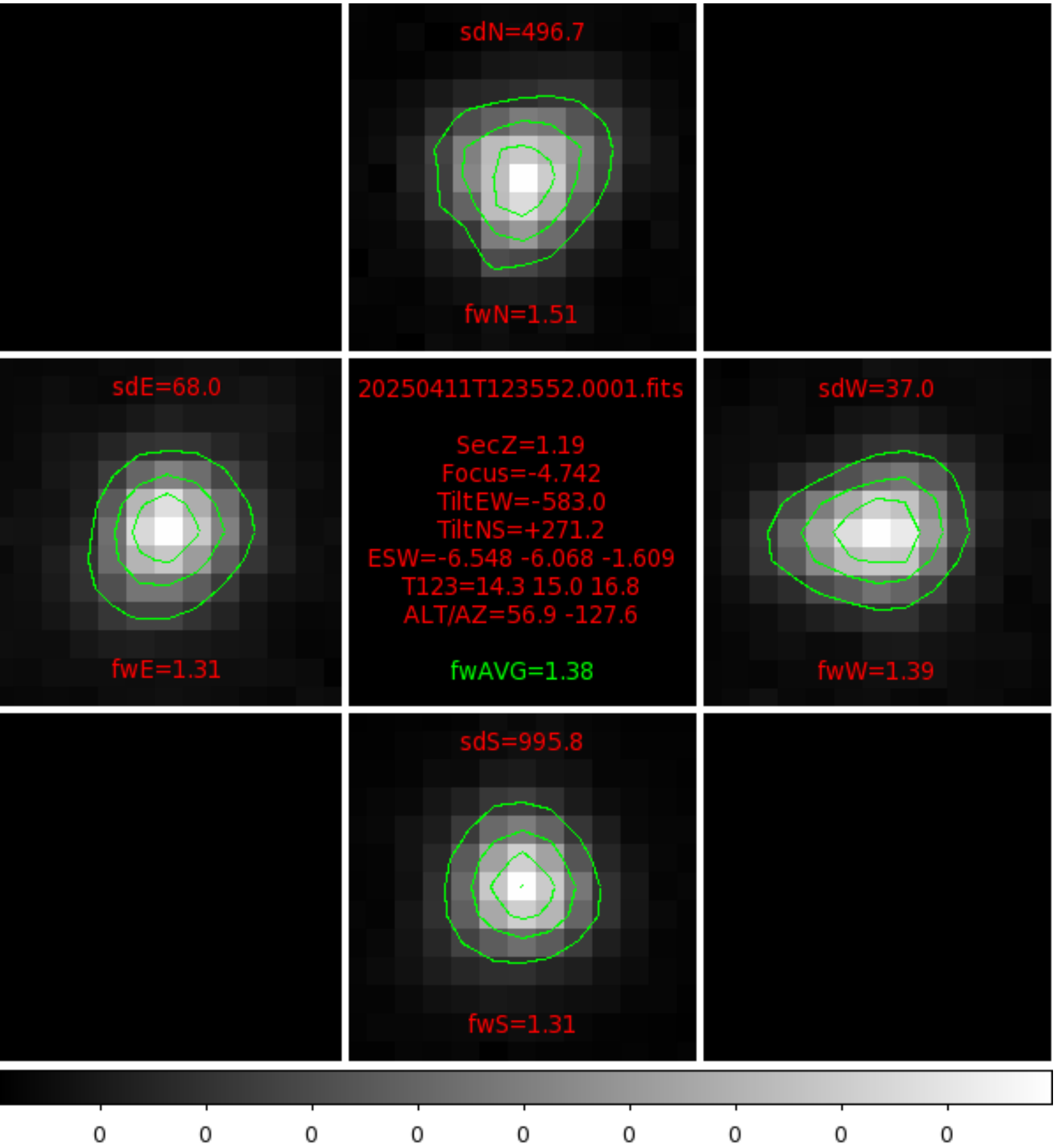
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TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=14.3 15.0 16.8
ALT/AZ=56.9 -127.6
fwAVG=1.38
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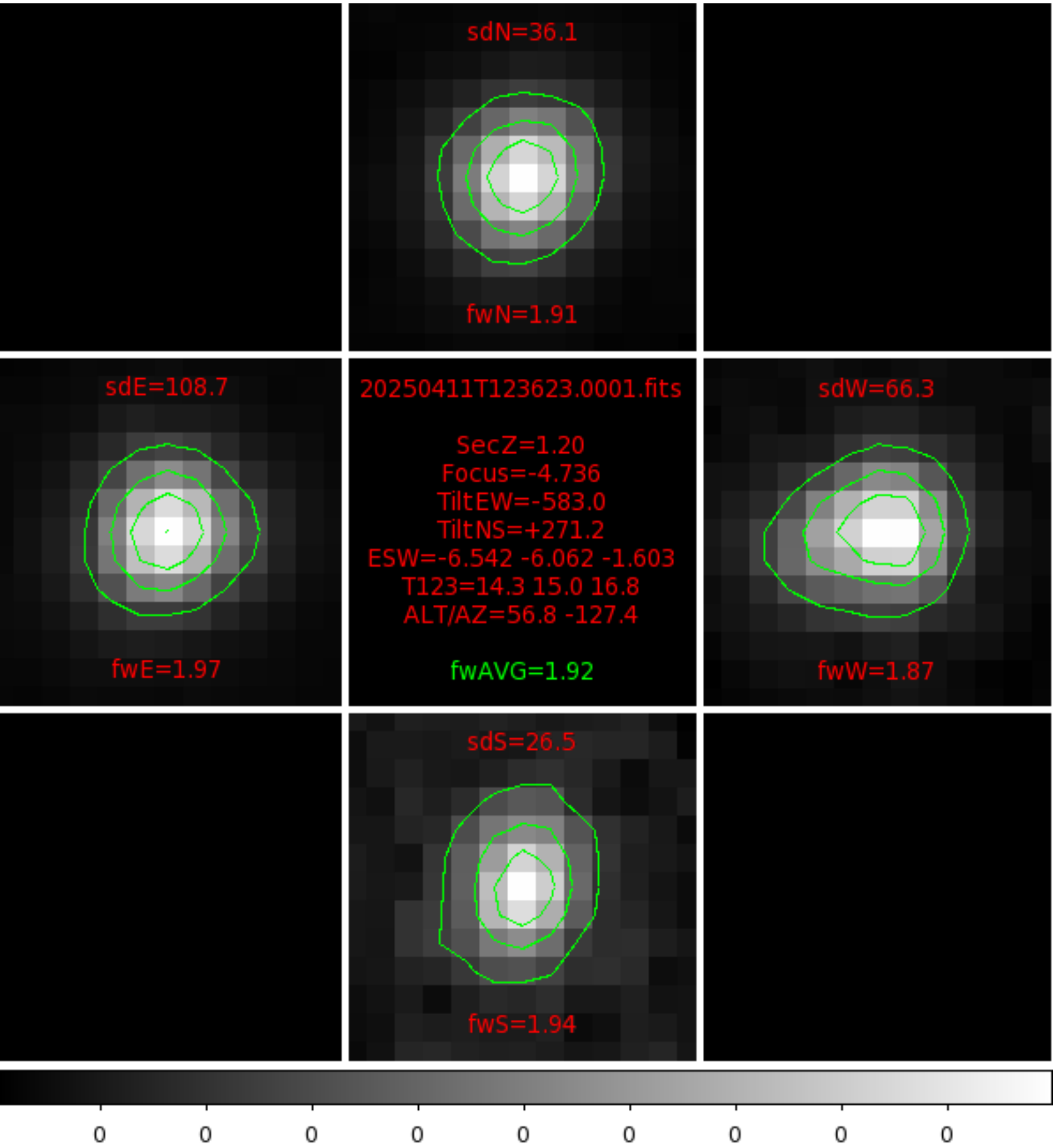
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TiltNS=+271.2
ESW=-6.542 -6.062 -1.603
T123=14.3 15.0 16.8
ALT/AZ=56.8 -127.4
fwAVG=1.92
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sdS=26.5
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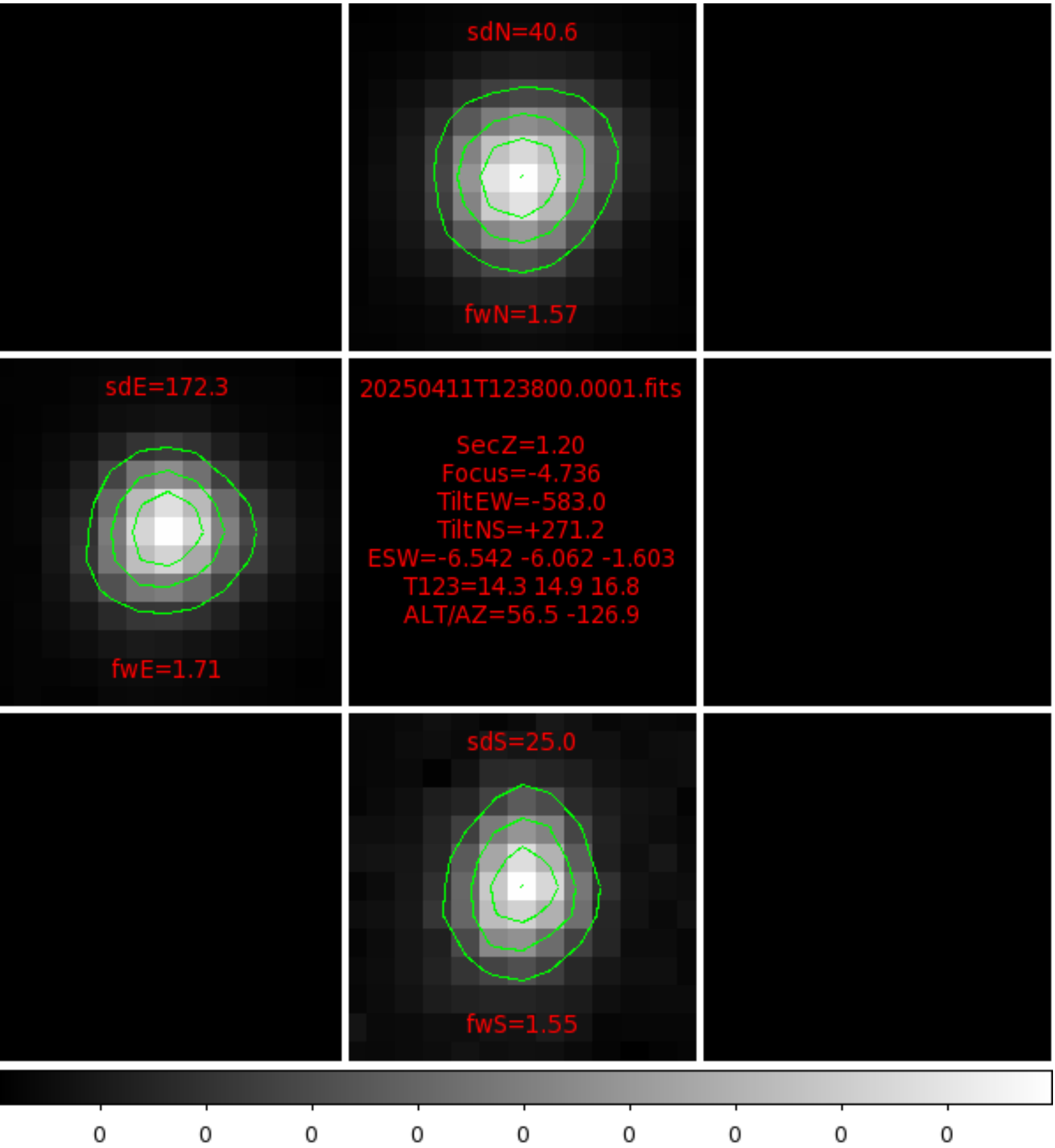
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Focus=-4.736
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.542 -6.062 -1.603
T123=14.3 14.9 16.8
ALT/AZ=56.5 -126.9
sdS=25.0
fwS=1.55
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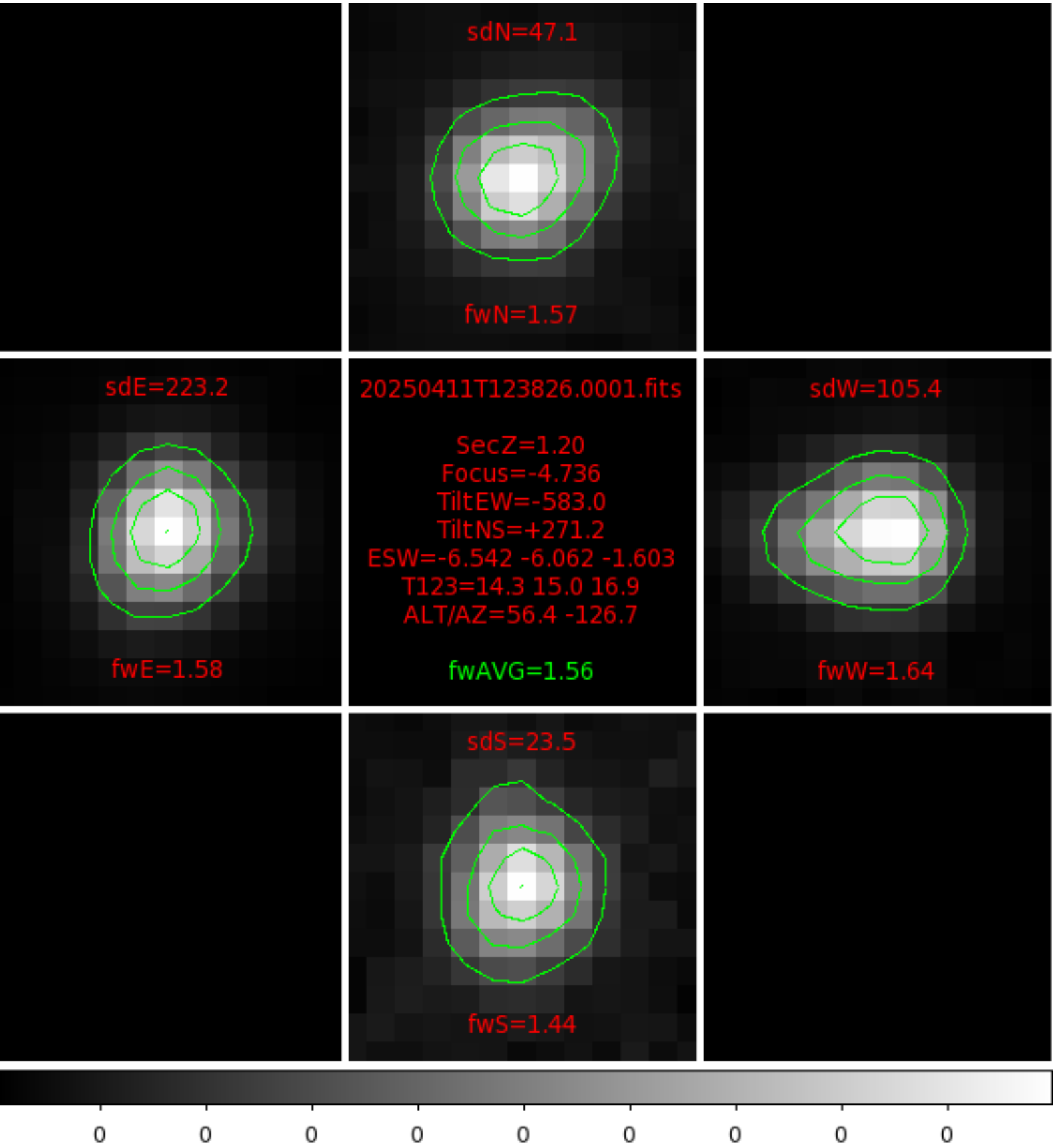
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SecZ=1.20
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.542 -6.062 -1.603
T123=14.3 15.0 16.9
ALT/AZ=56.4 -126.7
fwAVG=1.56
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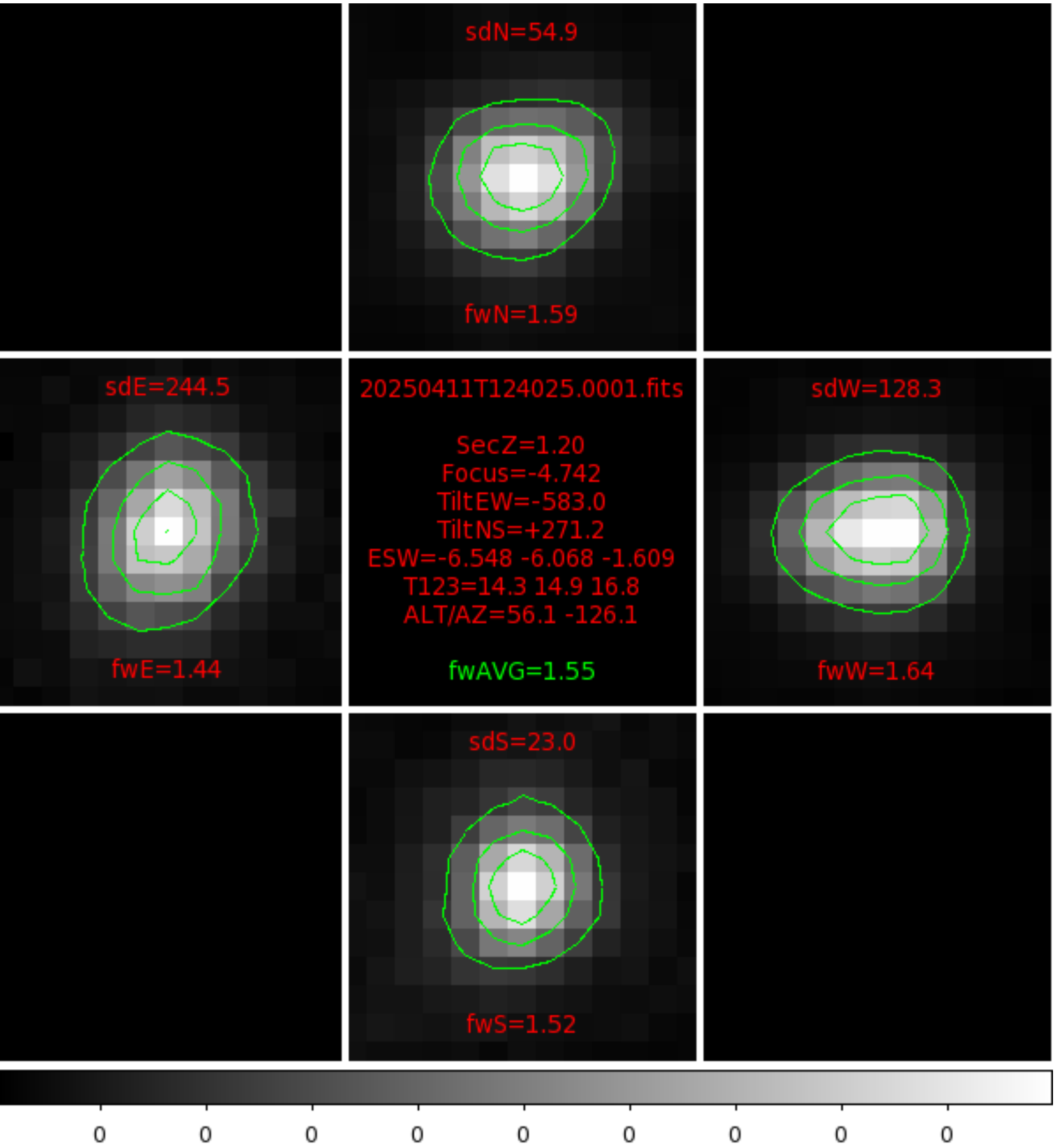
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sdE=244.5
fwE=1.44
20250411T124025.0001.fits
SecZ=1.20
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=14.3 14.9 16.8
ALT/AZ=56.1 -126.1
fwAVG=1.55
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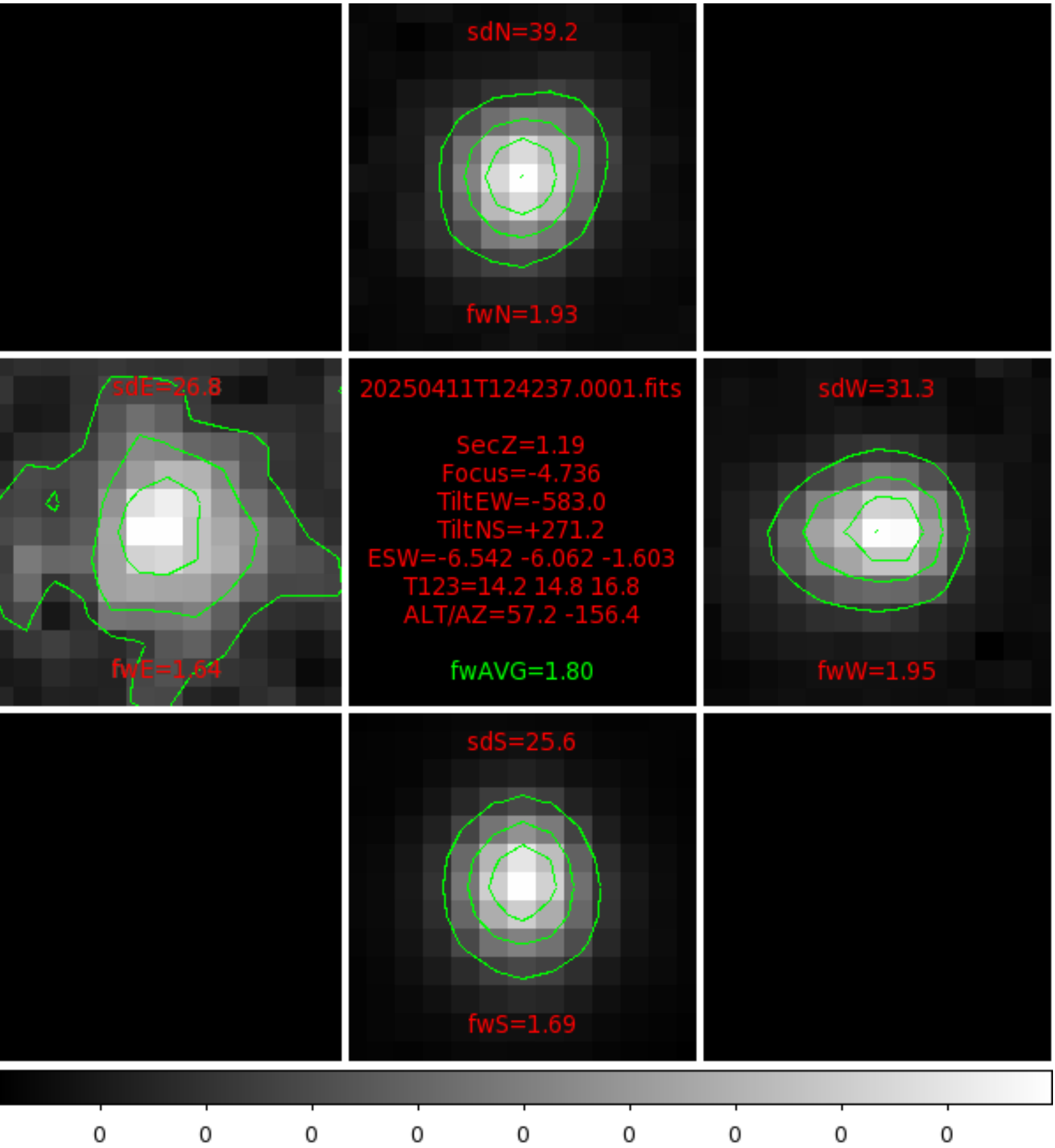
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sdE=26.8
fwE=1.64
20250411T124237.0001.fits
SecZ=1.19
Focus=-4.736
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.542 -6.062 -1.603
T123=14.2 14.8 16.8
ALT/AZ=57.2 -156.4
fwAVG=1.80
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fwS=1.69
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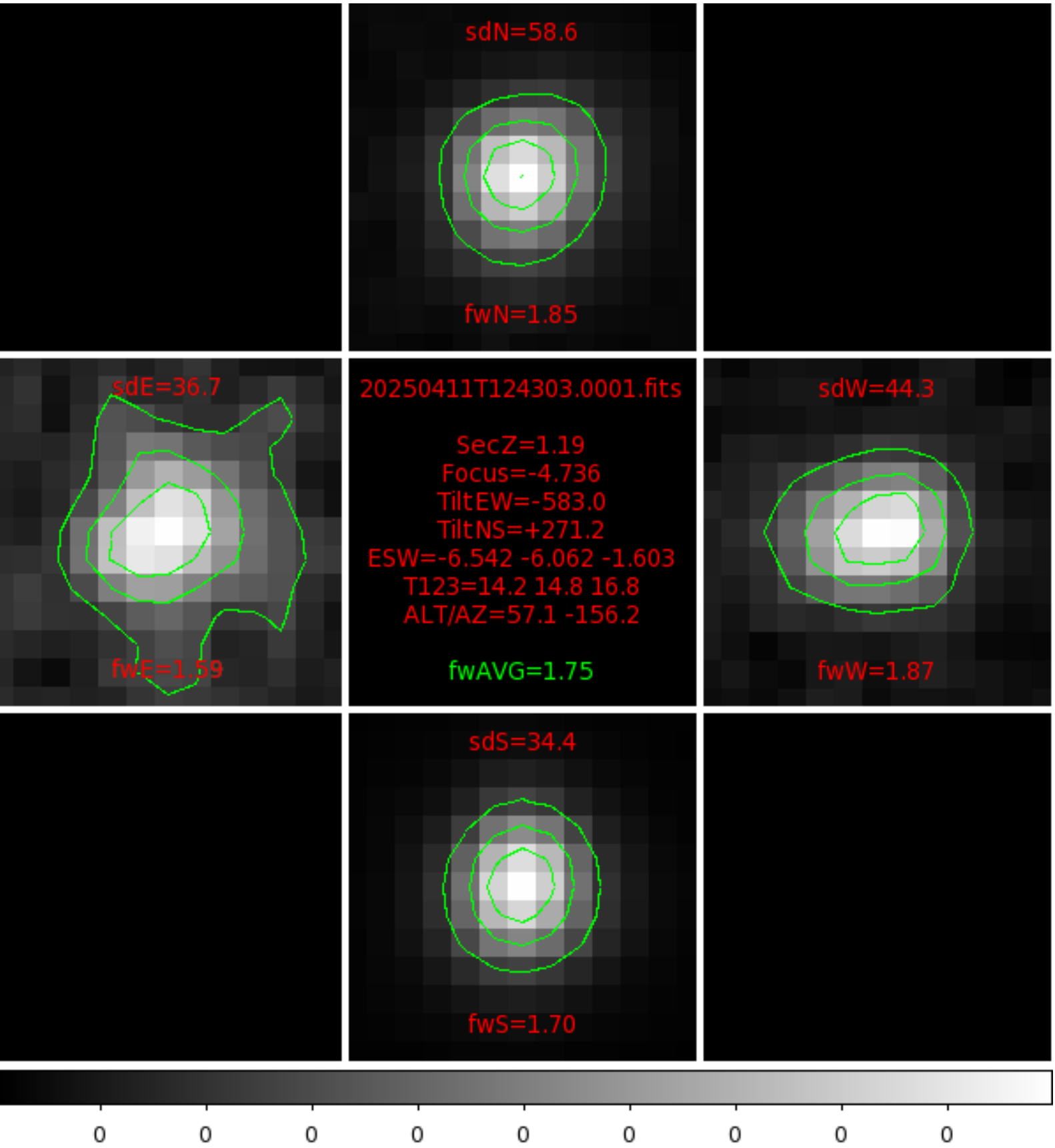
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20250411T124303.0001.fits
SecZ=1.19
Focus=-4.736
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.542 -6.062 -1.603
T123=14.2 14.8 16.8
ALT/AZ=57.1 -156.2
fwAVG=1.75
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sdS=34.4
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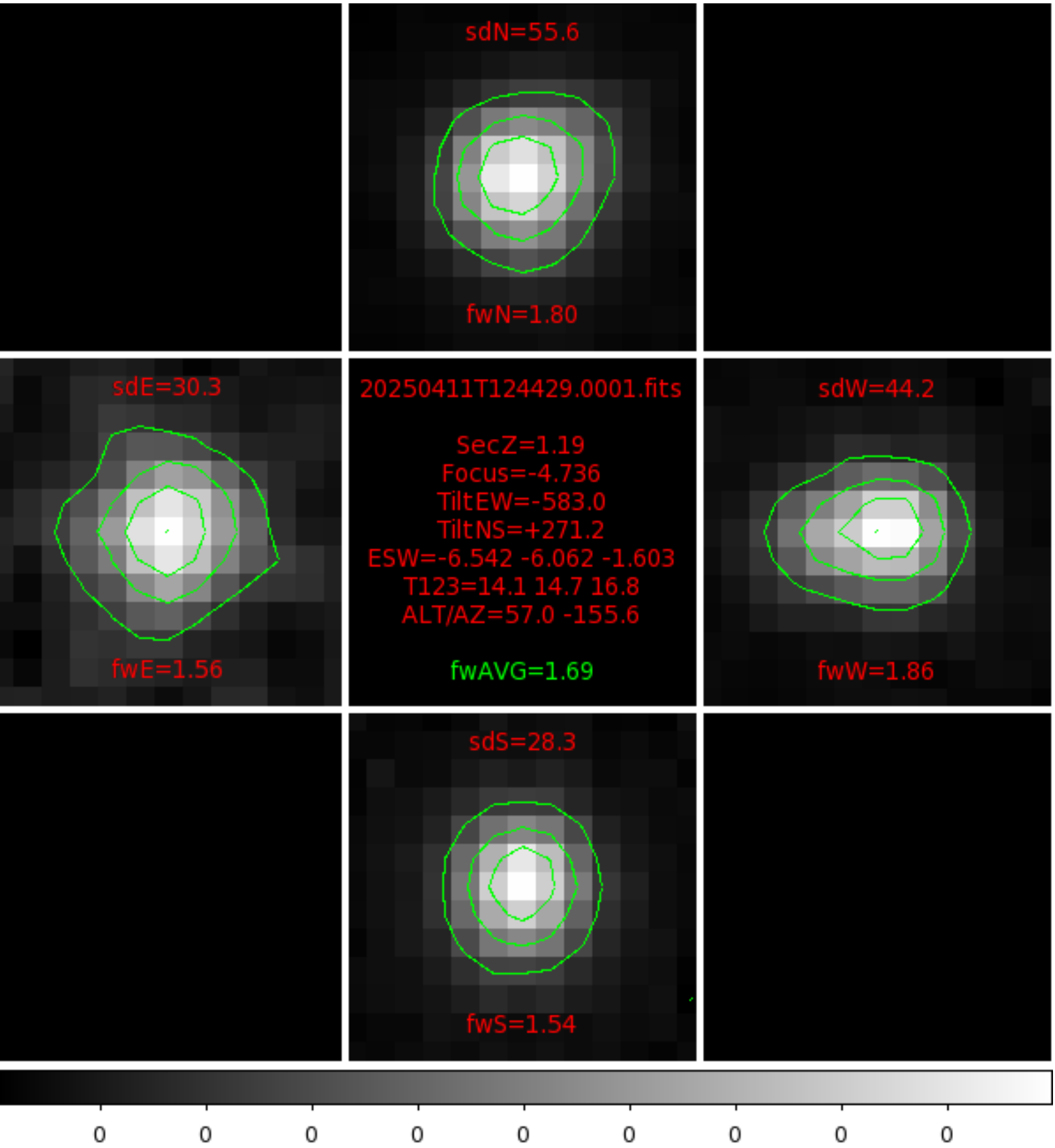
sdN=55.6
fwN=1.80
sdE=30.3
fwE=1.56
20250411T124429.0001.fits
SecZ=1.19
Focus=-4.736
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.542 -6.062 -1.603
T123=14.1 14.7 16.8
ALT/AZ=57.0 -155.6
fwAVG=1.69
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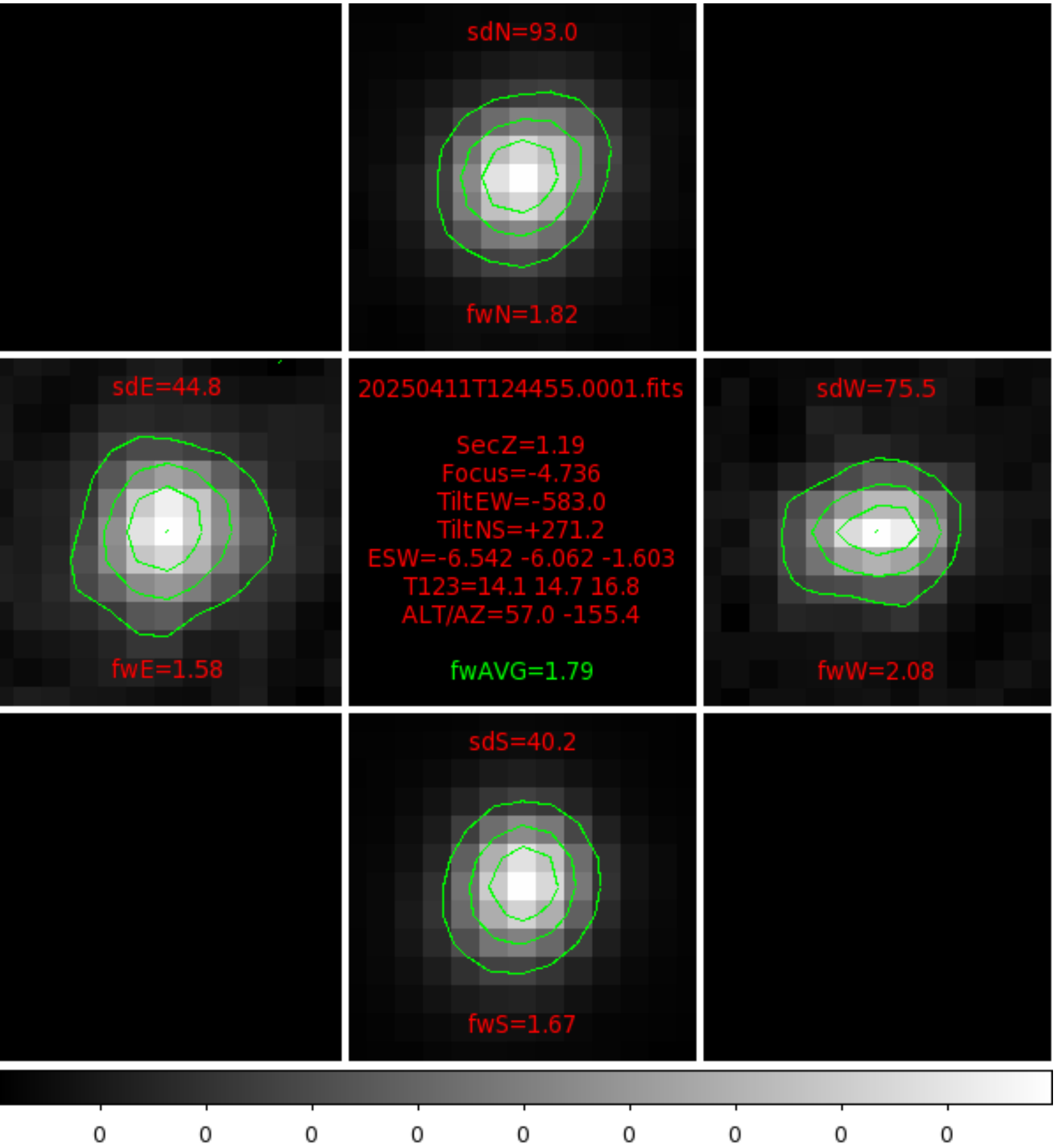
sdN=93.0
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sdE=44.8
fwE=1.58
20250411T124455.0001.fits
SecZ=1.19
Focus=-4.736
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.542 -6.062 -1.603
T123=14.1 14.7 16.8
ALT/AZ=57.0 -155.4
fwAVG=1.79
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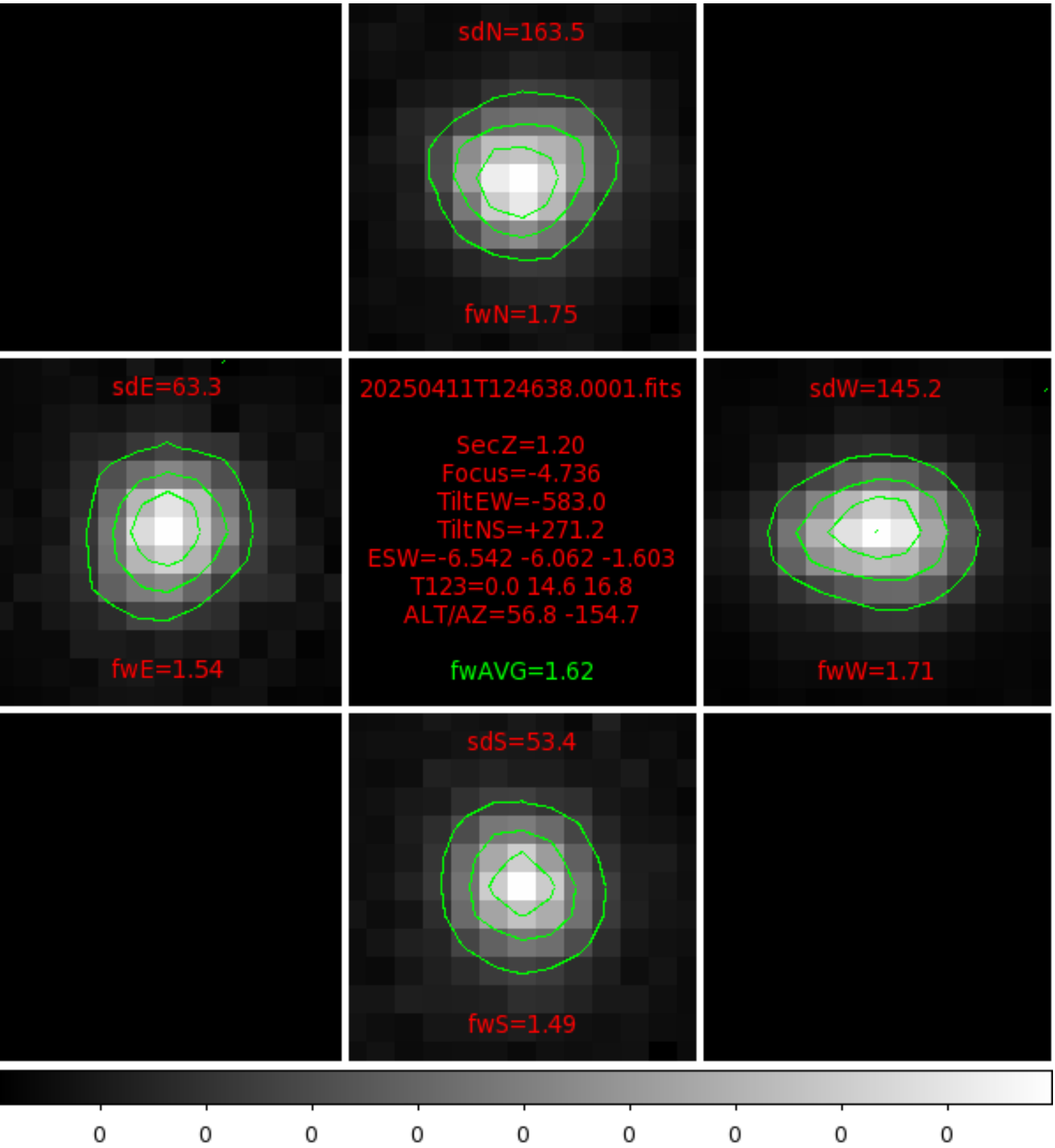
sdN=163.5
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sdE=63.3
fwE=1.54
20250411T124638.0001.fits
SecZ=1.20
Focus=-4.736
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.542 -6.062 -1.603
T123=0.0 14.6 16.8
ALT/AZ=56.8 -154.7
fwAVG=1.62
sdW=145.2
fwW=1.71
sdS=53.4
fwS=1.49
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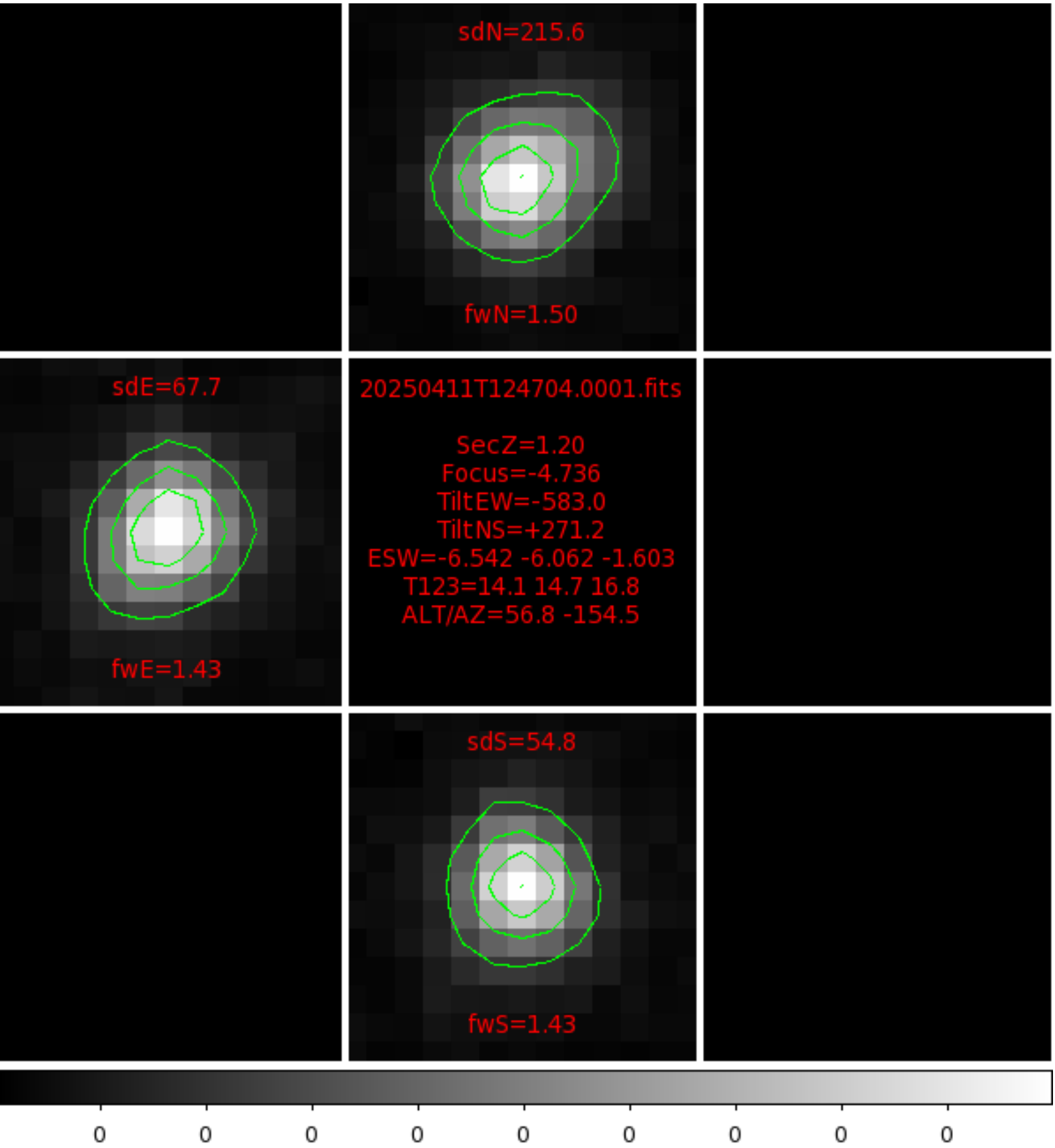
sdN=215.6
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sdE=67.7
fwE=1.43
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SecZ=1.20
Focus=-4.736
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.542 -6.062 -1.603
T123=14.1 14.7 16.8
ALT/AZ=56.8 -154.5
sdS=54.8
fwS=1.43
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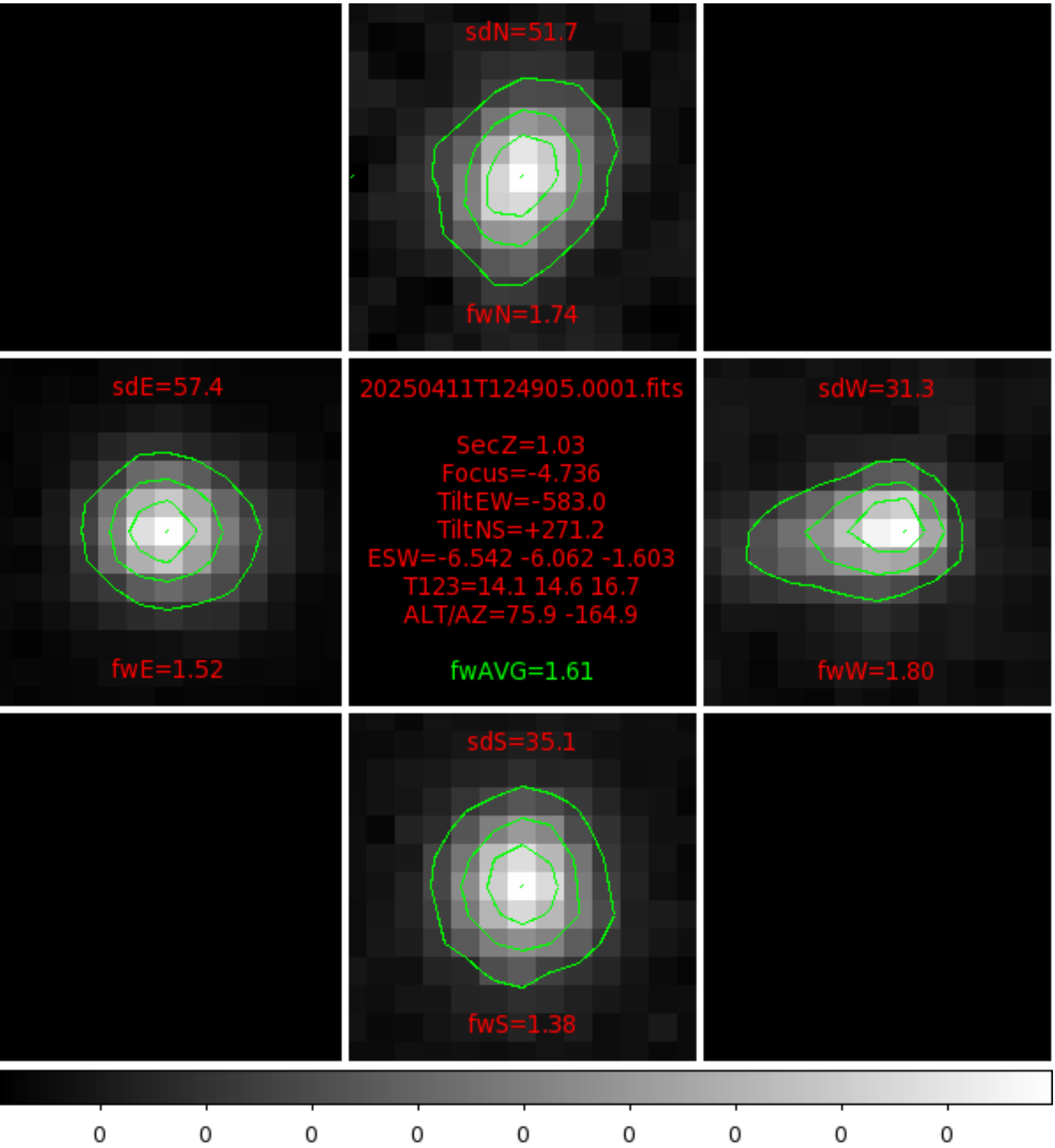
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20250411T124905.0001.fits
SecZ=1.03
Focus=-4.736
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.542 -6.062 -1.603
T123=14.1 14.6 16.7
ALT/AZ=75.9 -164.9
fwAVG=1.61
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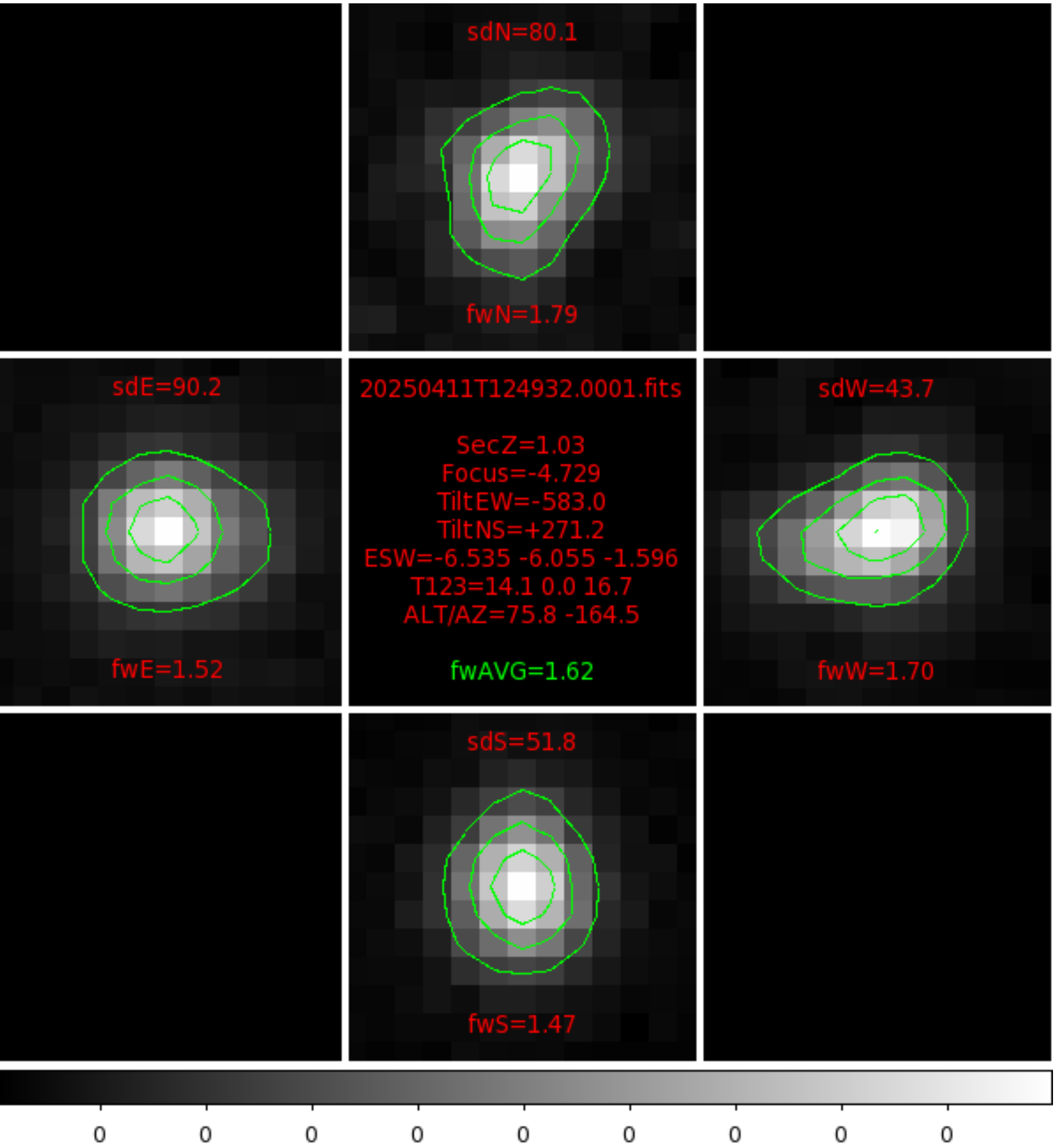
sdN=80.1
fwN=1.79
sdE=90.2
fwE=1.52
20250411T124932.0001.fits
SecZ=1.03
Focus=-4.729
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.535 -6.055 -1.596
T123=14.1 0.0 16.7
ALT/AZ=75.8 -164.5
fwAVG=1.62
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sdS=51.8
fwS=1.47
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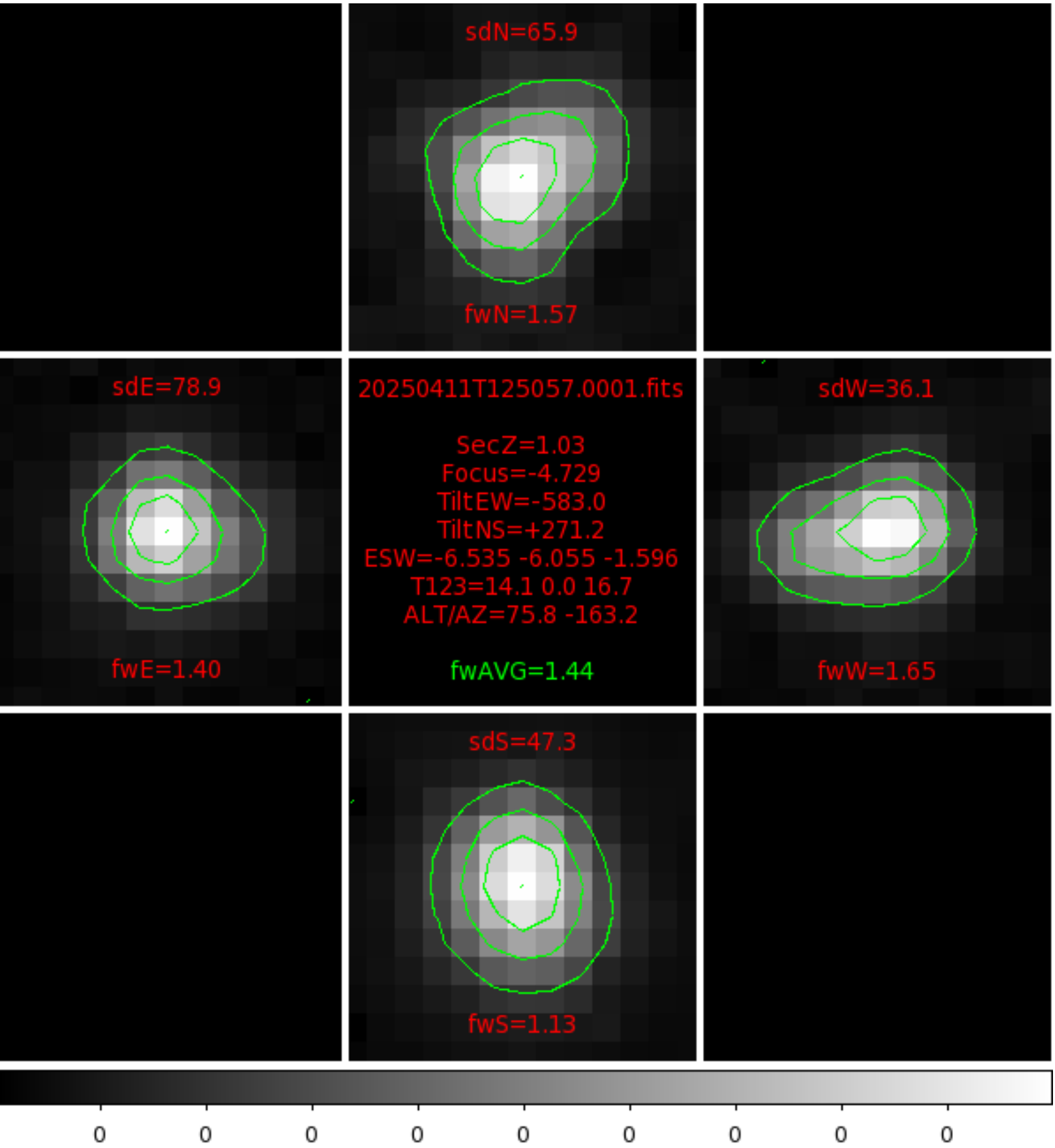
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20250411T125057.0001.fits
SecZ=1.03
Focus=-4.729
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.535 -6.055 -1.596
T123=14.1 0.0 16.7
ALT/AZ=75.8 -163.2
fwAVG=1.44
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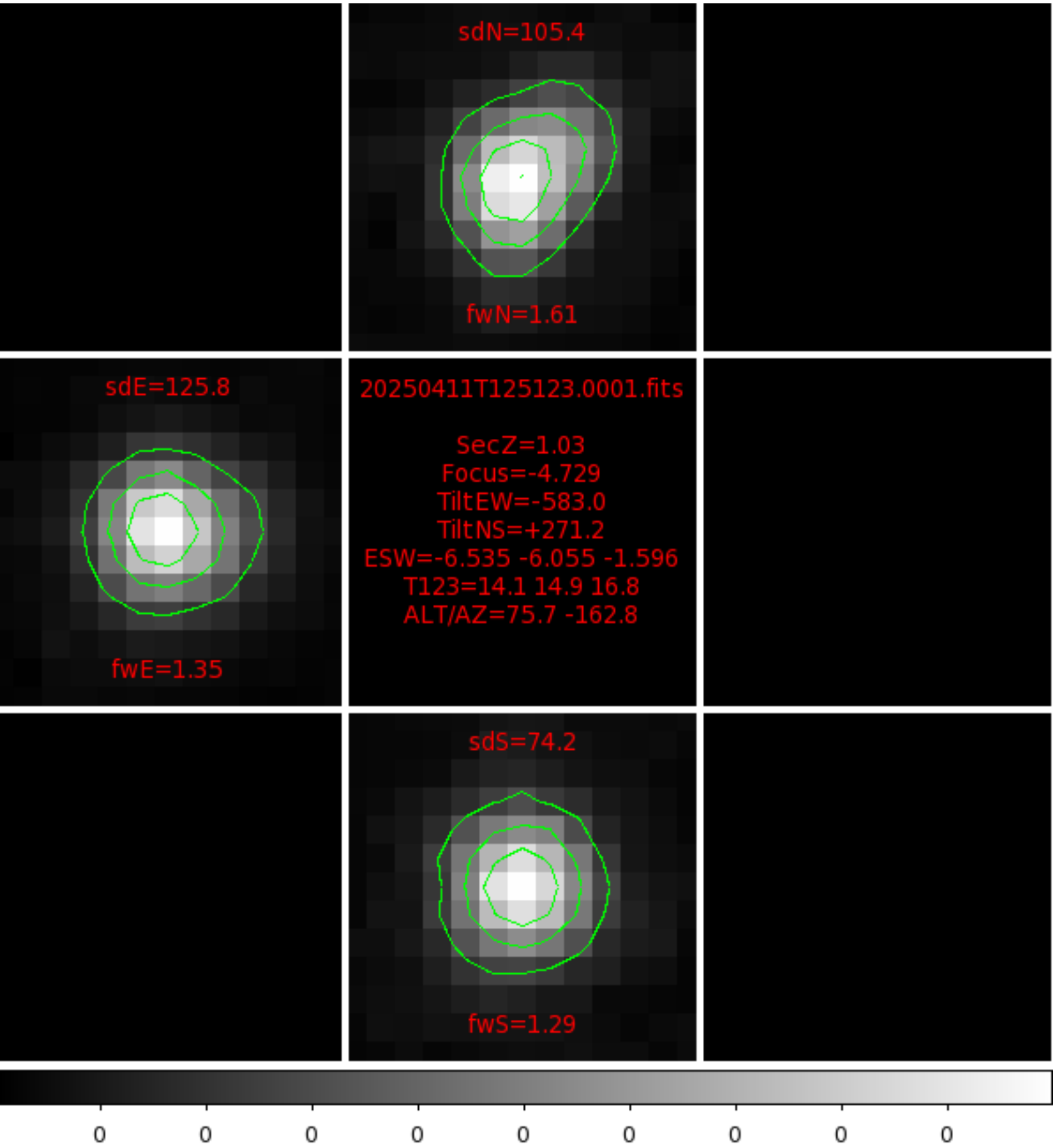
sdN=105.4
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20250411T125123.0001.fits
SecZ=1.03
Focus=-4.729
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.535 -6.055 -1.596
T123=14.1 14.9 16.8
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sdS=74.2
fwS=1.29
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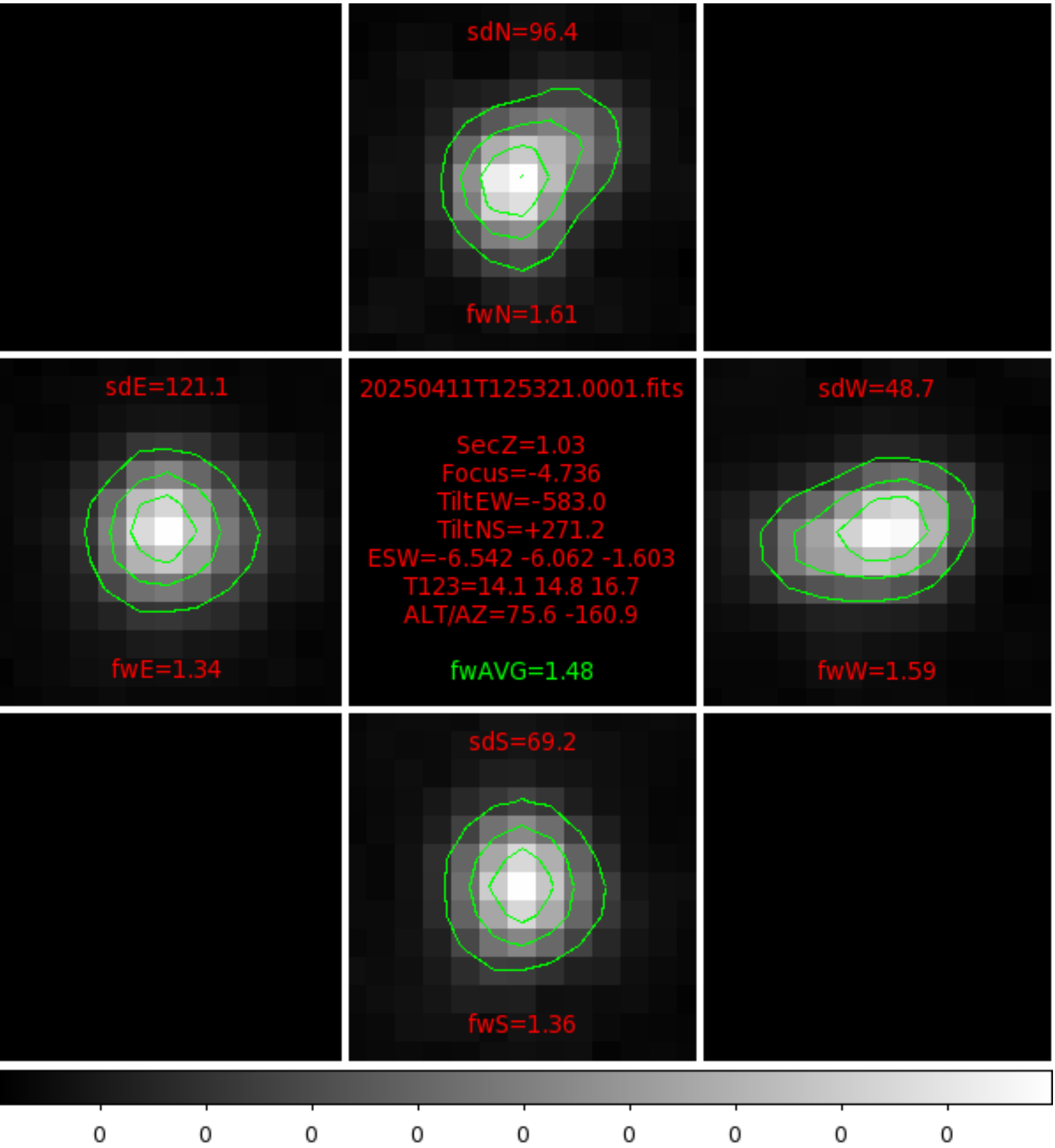
sdN=96.4
fwN=1.61
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fwE=1.34
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SecZ=1.03
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.542 -6.062 -1.603
T123=14.1 14.8 16.7
ALT/AZ=75.6 -160.9
fwAVG=1.48
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fwS=1.36
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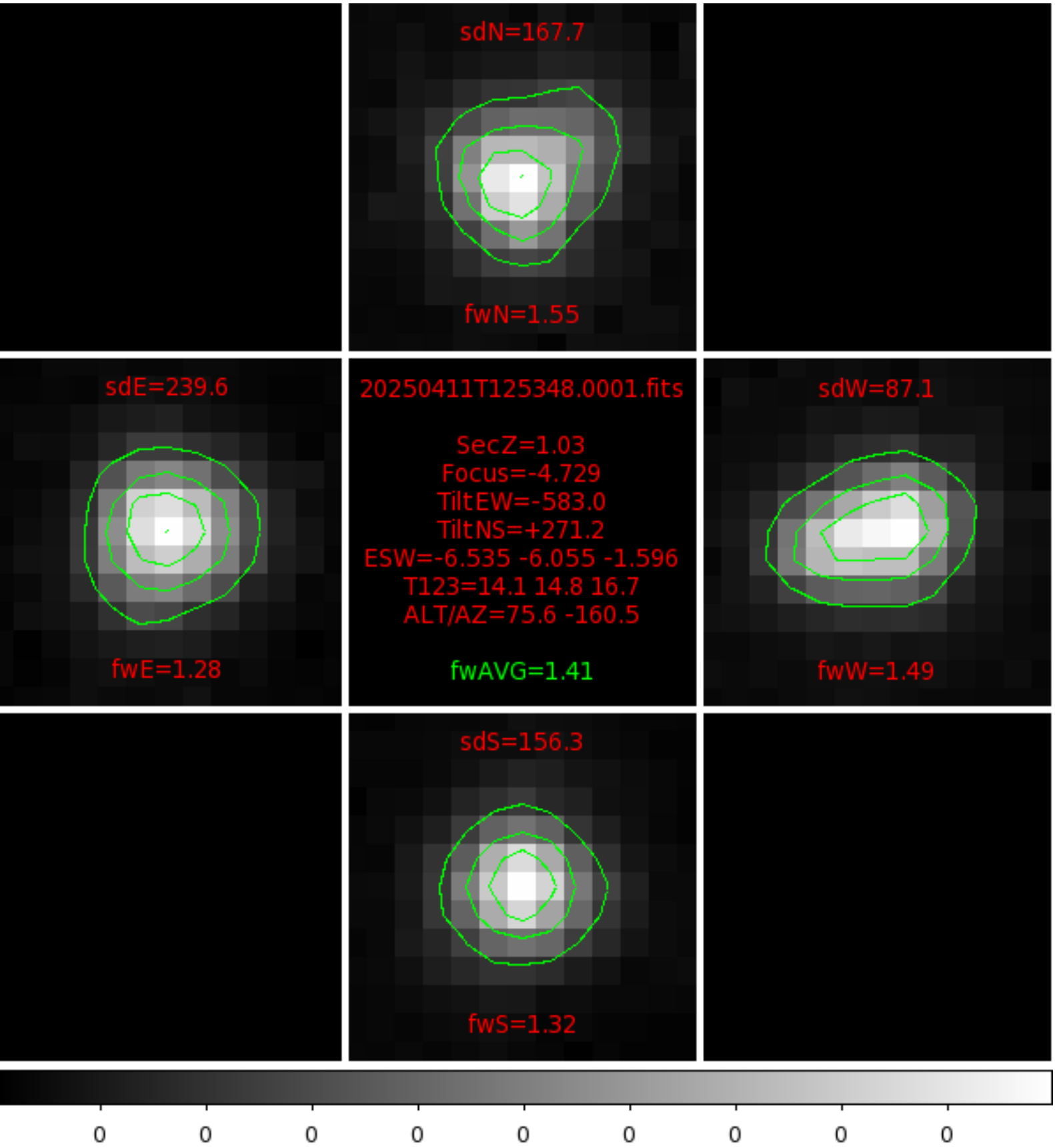
sdN=167.7
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fwE=1.28
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SecZ=1.03
Focus=-4.729
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.535 -6.055 -1.596
T123=14.1 14.8 16.7
ALT/AZ=75.6 -160.5
fwAVG=1.41
sdW=87.1
fwW=1.49
sdS=156.3
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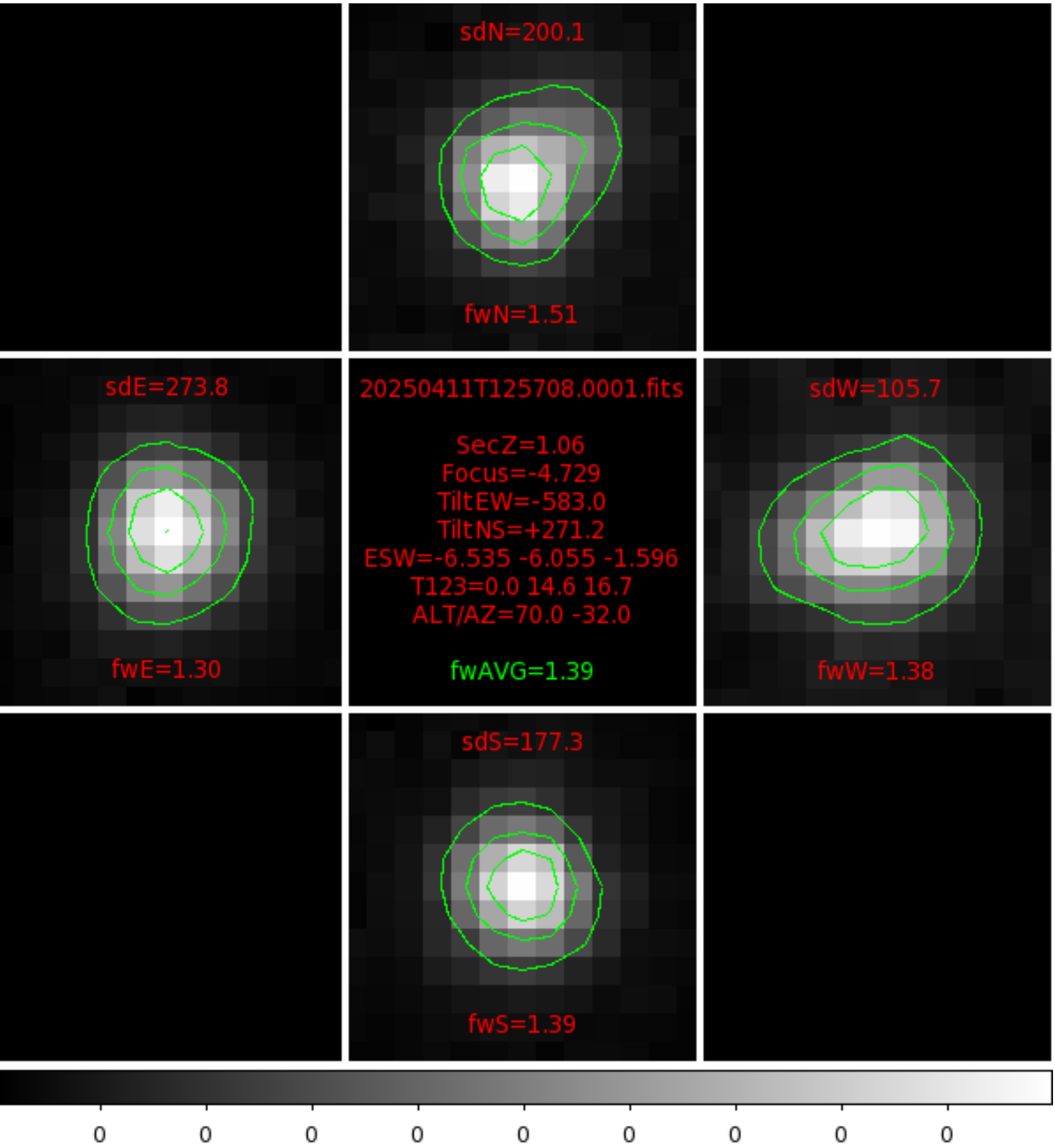
sdN=200.1
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sdE=273.8
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SecZ=1.06
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.535 -6.055 -1.596
T123=0.0 14.6 16.7
ALT/AZ=70.0 -32.0
fwAVG=1.39
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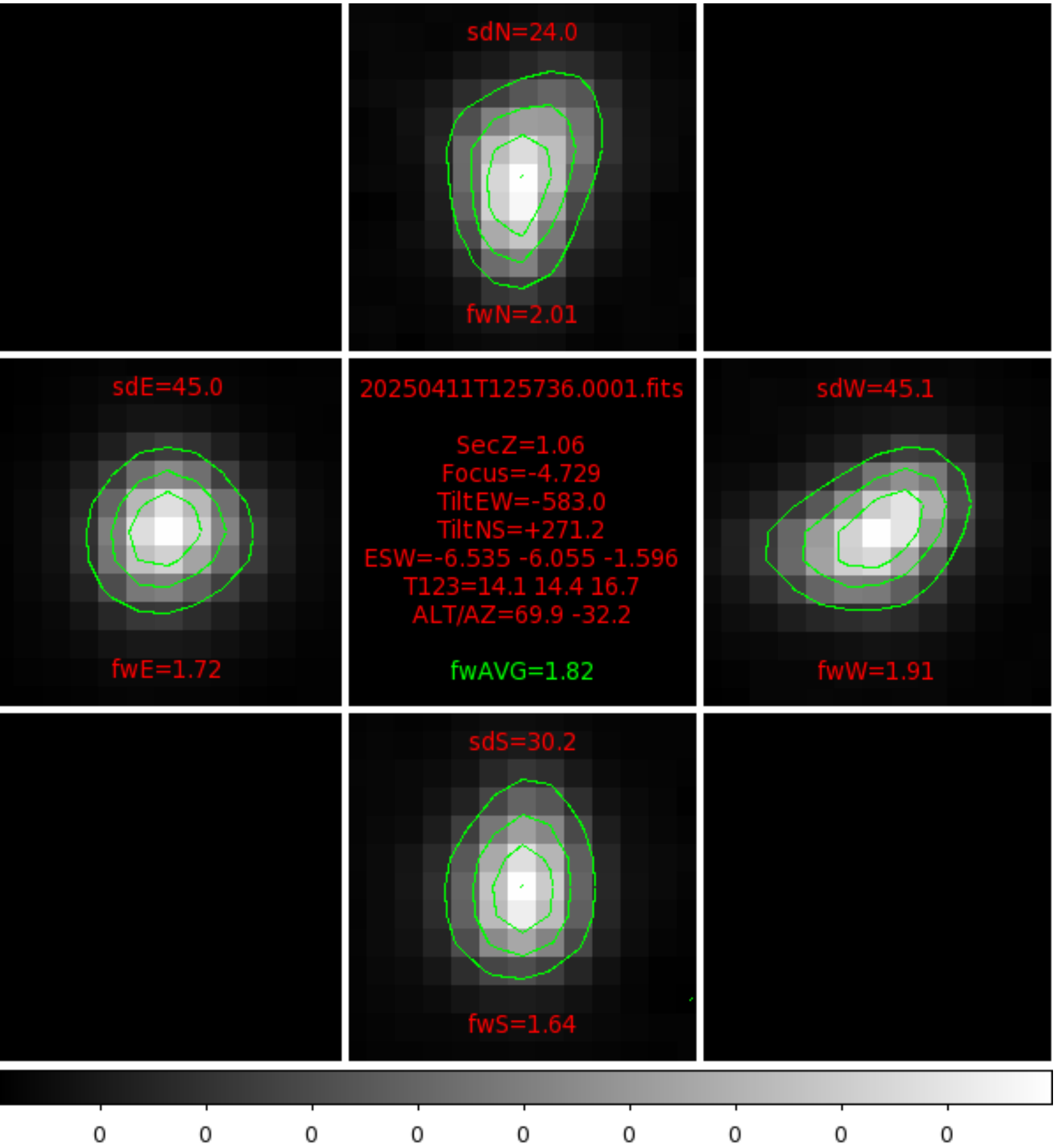
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fwN=2.01
sdE=45.0
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SecZ=1.06
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.535 -6.055 -1.596
T123=14.1 14.4 16.7
ALT/AZ=69.9 -32.2
fwAVG=1.82
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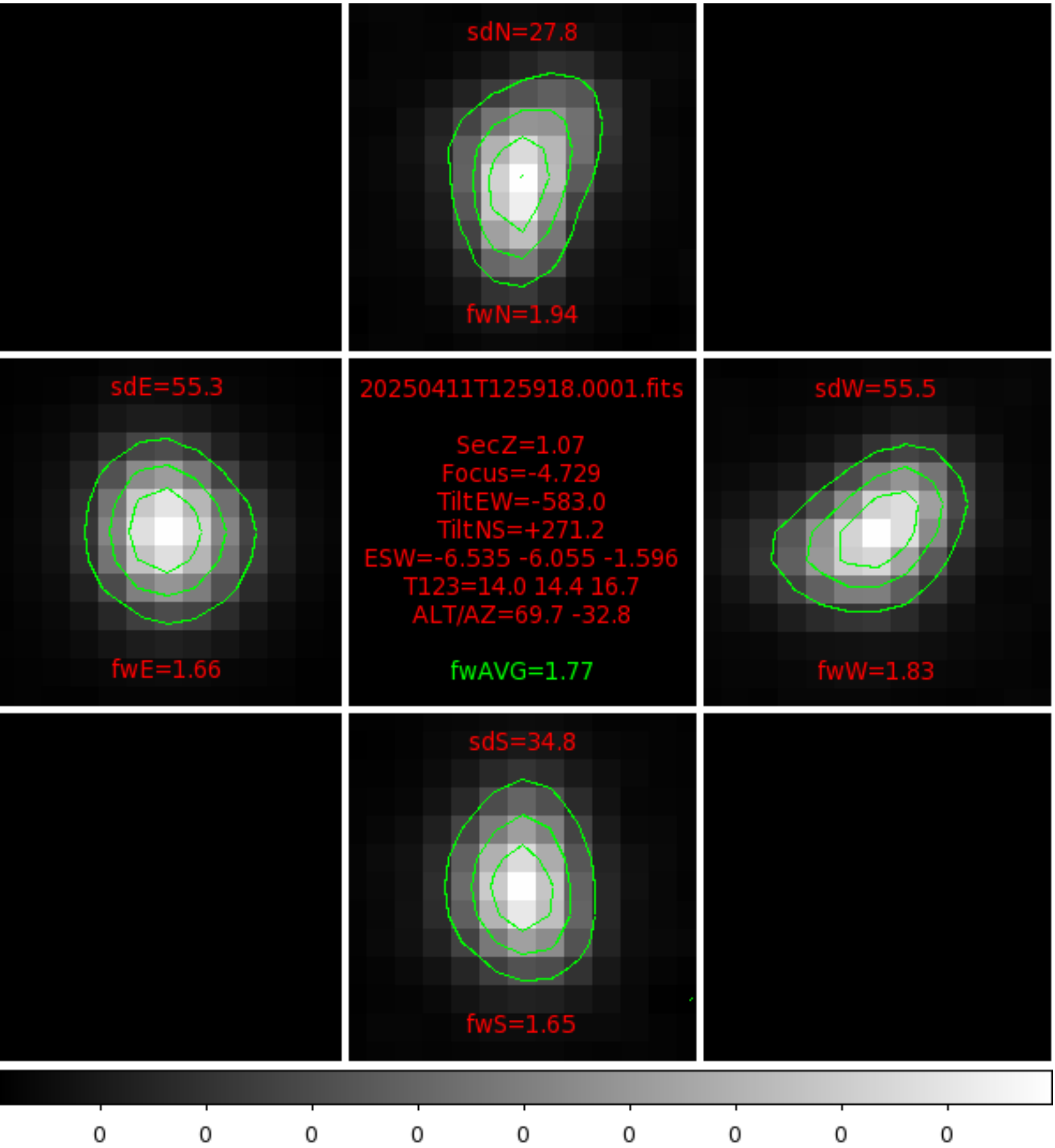
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SecZ=1.07
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TiltNS=+271.2
ESW=-6.535 -6.055 -1.596
T123=14.0 14.4 16.7
ALT/AZ=69.7 -32.8
fwAVG=1.77
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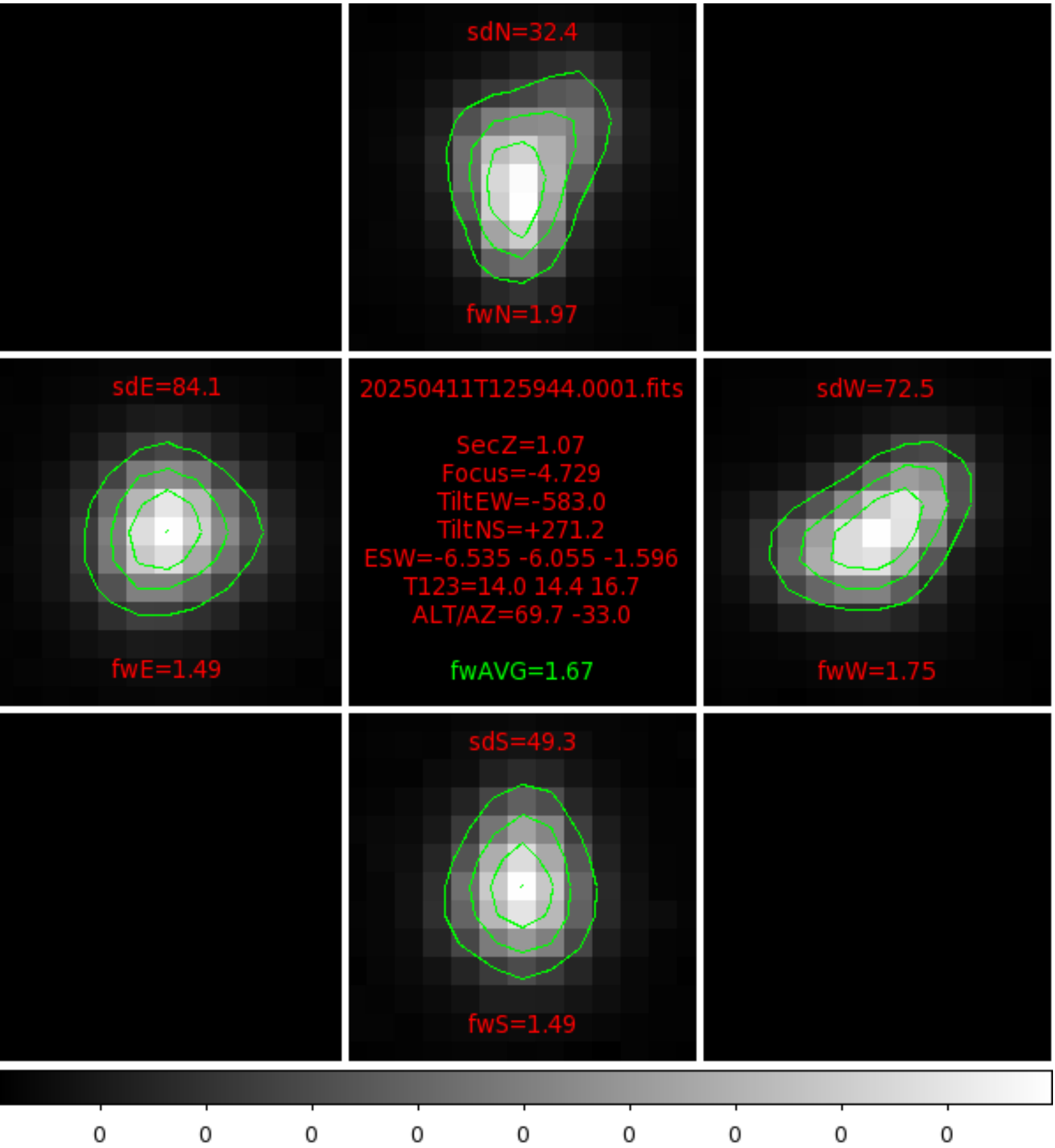
sdN=32.4
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SecZ=1.07
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.535 -6.055 -1.596
T123=14.0 14.4 16.7
ALT/AZ=69.7 -33.0
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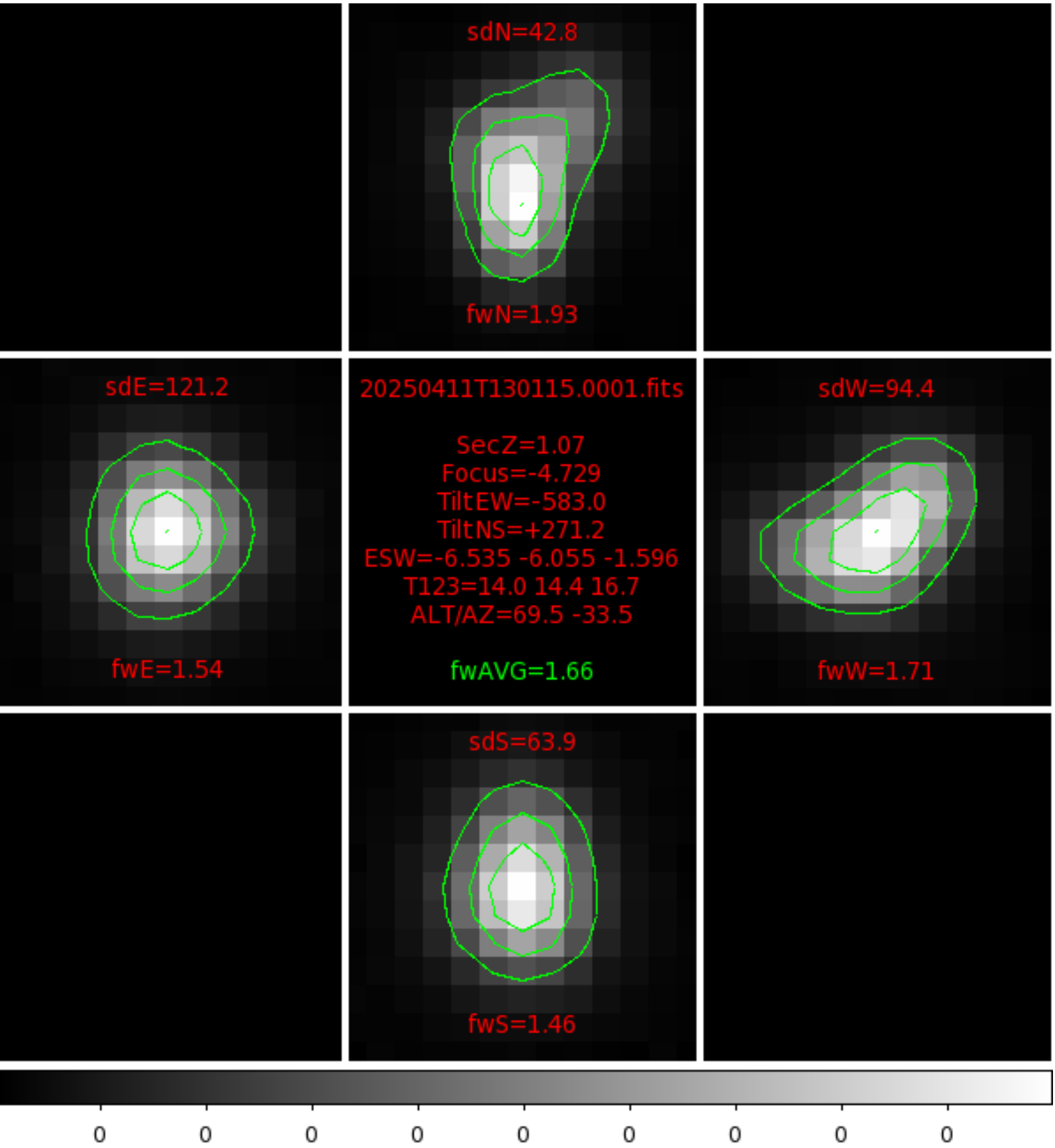
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fwE=1.54
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SecZ=1.07
Focus=-4.729
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.535 -6.055 -1.596
T123=14.0 14.4 16.7
ALT/AZ=69.5 -33.5
fwAVG=1.66
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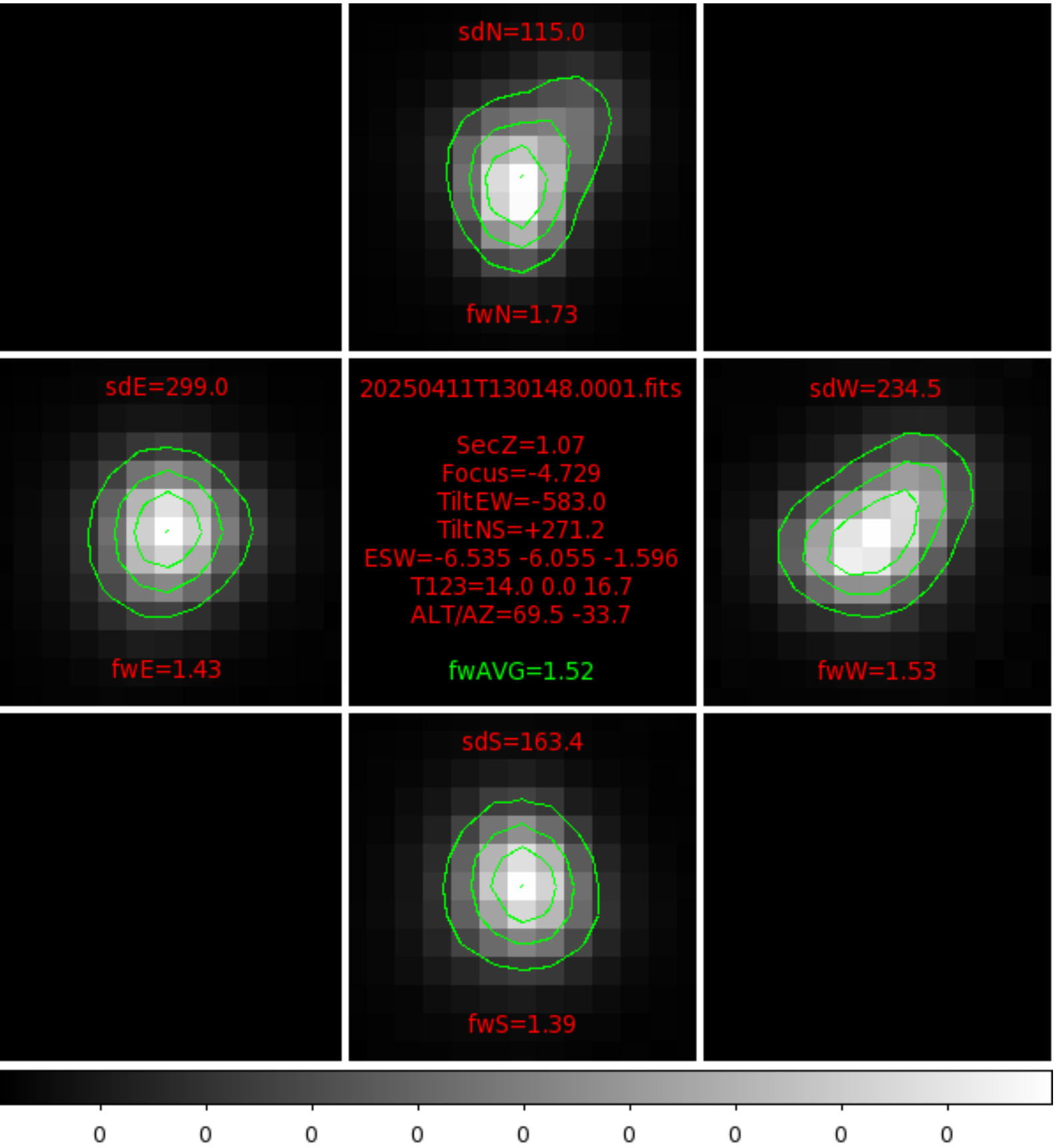
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TiltNS=+271.2
ESW=-6.535 -6.055 -1.596
T123=14.0 0.0 16.7
ALT/AZ=69.5 -33.7
fwAVG=1.52
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sdS=163.4
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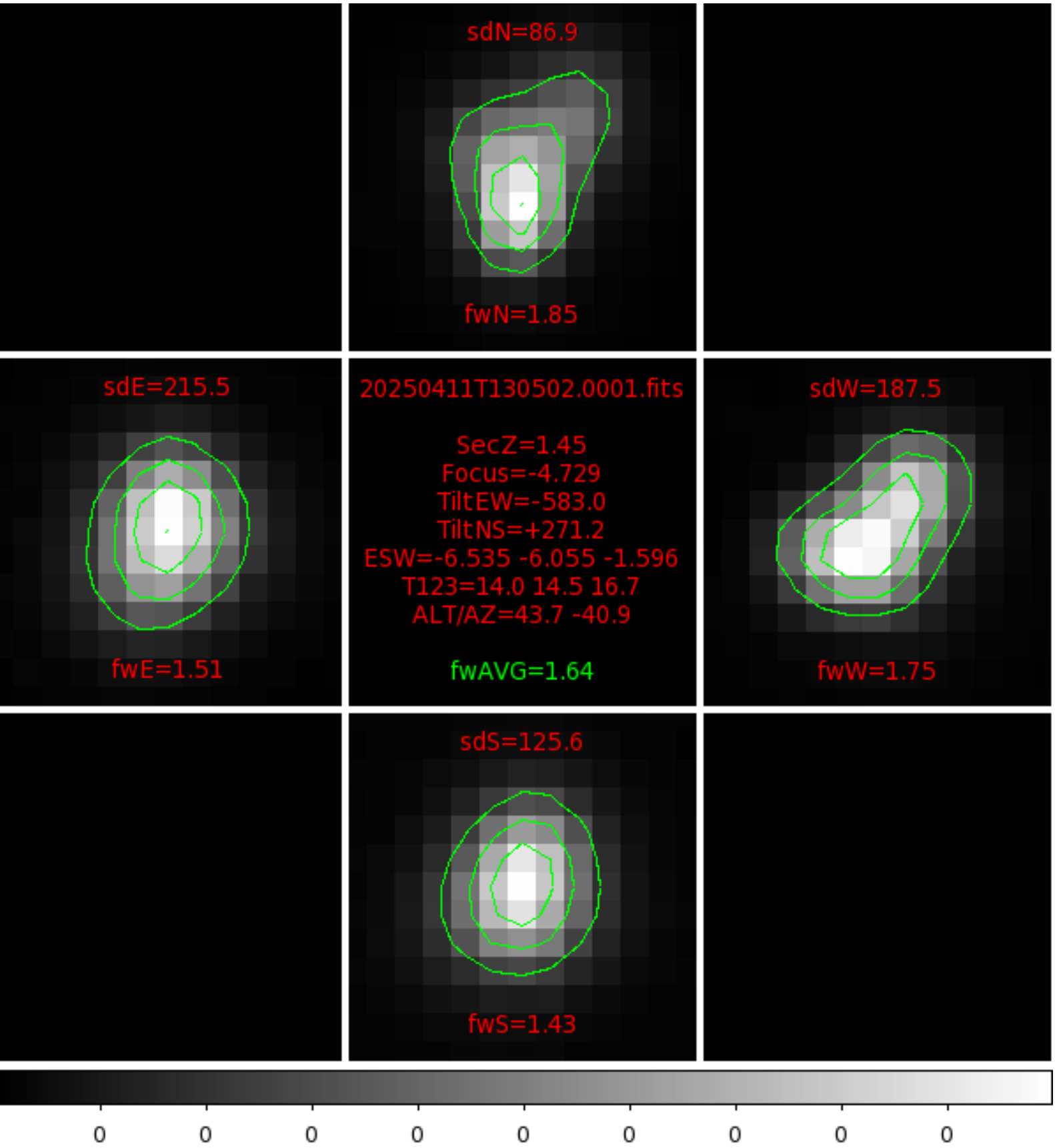
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SecZ=1.45
Focus=-4.729
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.535 -6.055 -1.596
T123=14.0 14.5 16.7
ALT/AZ=43.7 -40.9
fwAVG=1.64
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sdS=125.6
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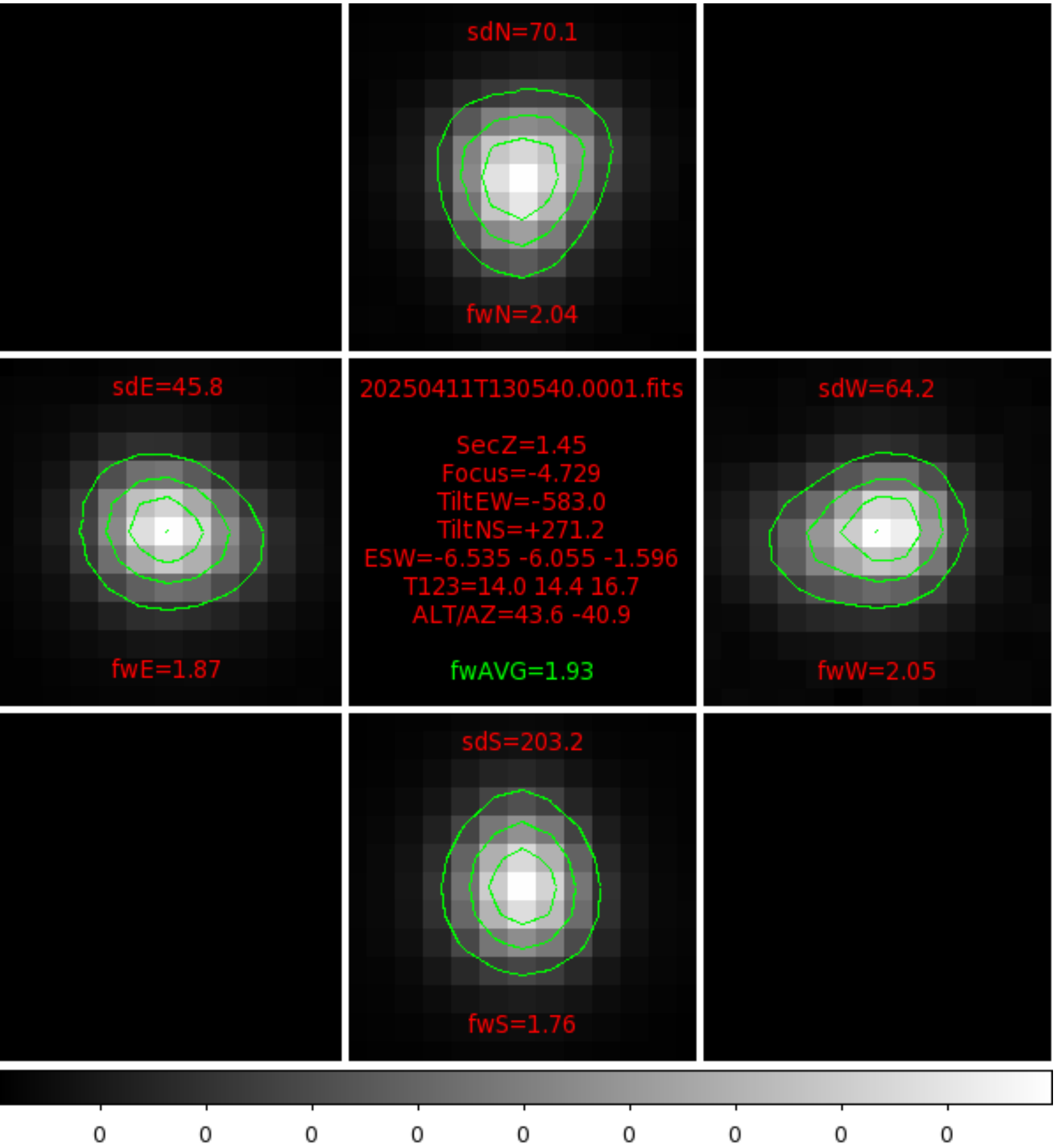
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fwN=2.04
sdE=45.8
fwE=1.87
20250411T130540.0001.fits
SecZ=1.45
Focus=-4.729
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.535 -6.055 -1.596
T123=14.0 14.4 16.7
ALT/AZ=43.6 -40.9
fwAVG=1.93
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sdS=203.2
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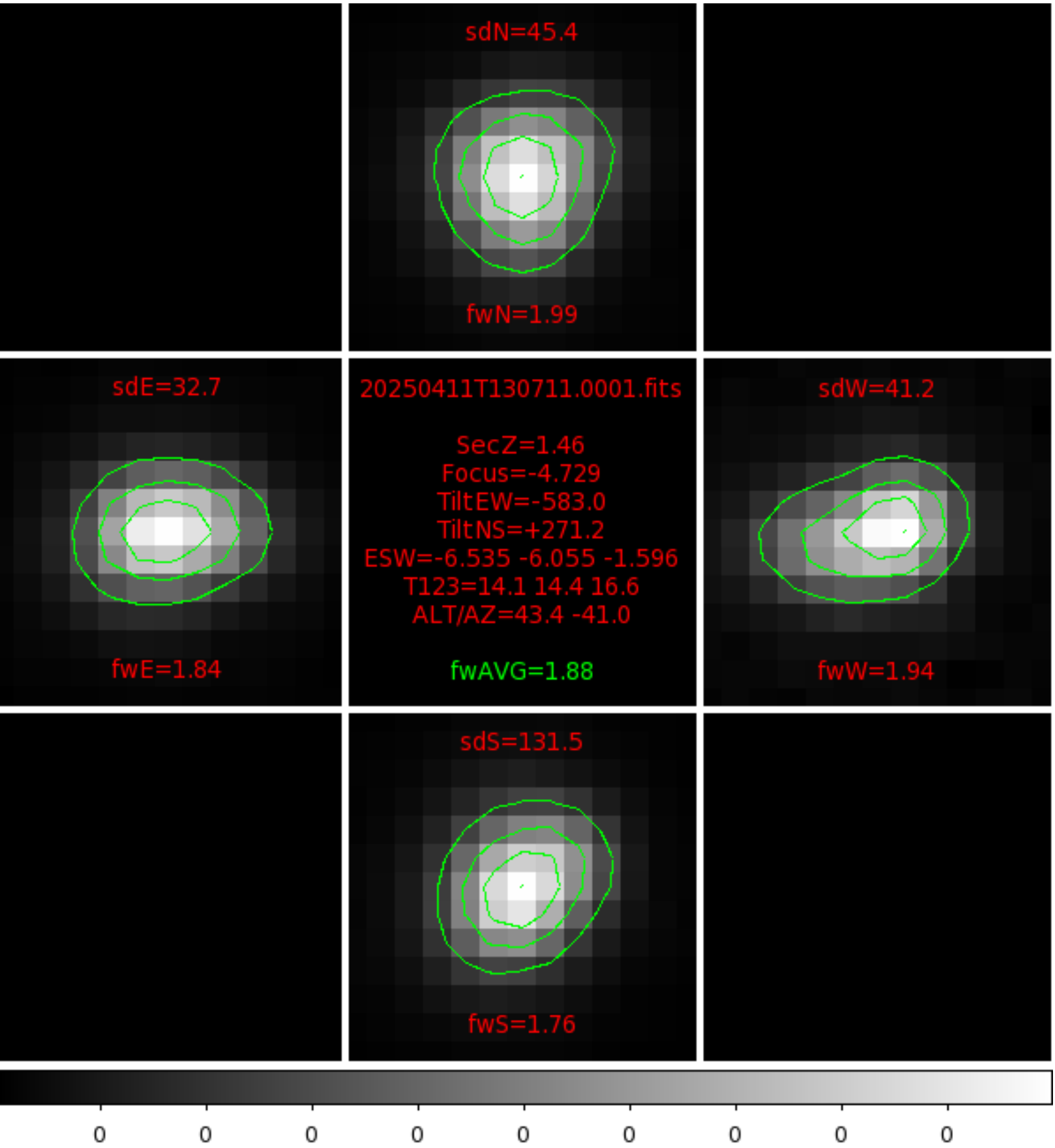
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sdE=32.7
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SecZ=1.46
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.535 -6.055 -1.596
T123=14.1 14.4 16.6
ALT/AZ=43.4 -41.0
fwAVG=1.88
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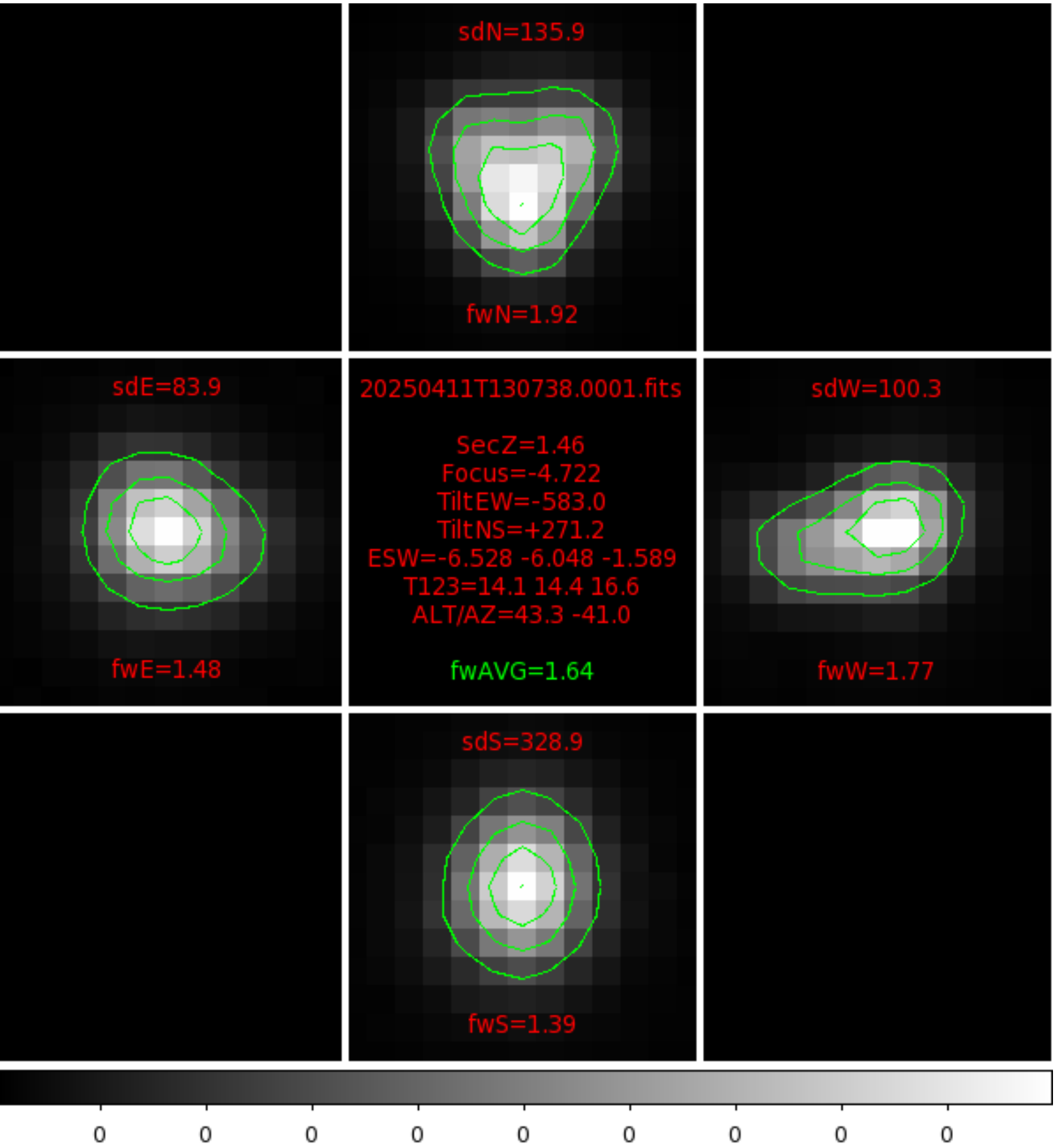
sdN=135.9
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sdE=83.9
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SecZ=1.46
Focus=-4.722
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 14.4 16.6
ALT/AZ=43.3 -41.0
fwAVG=1.64
sdW=100.3
fwW=1.77
sdS=328.9
fwS=1.39
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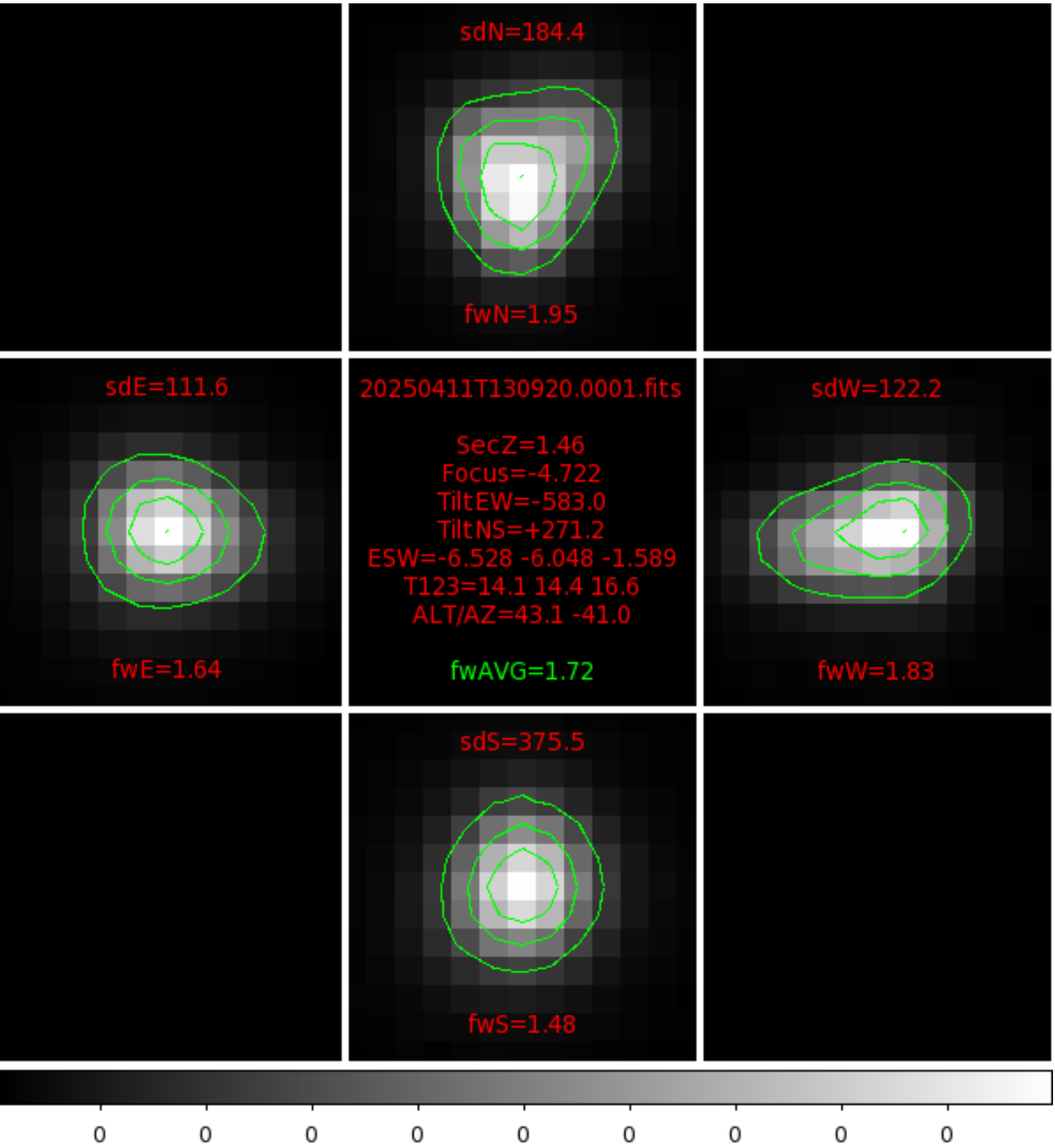
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T123=14.1 14.4 16.6
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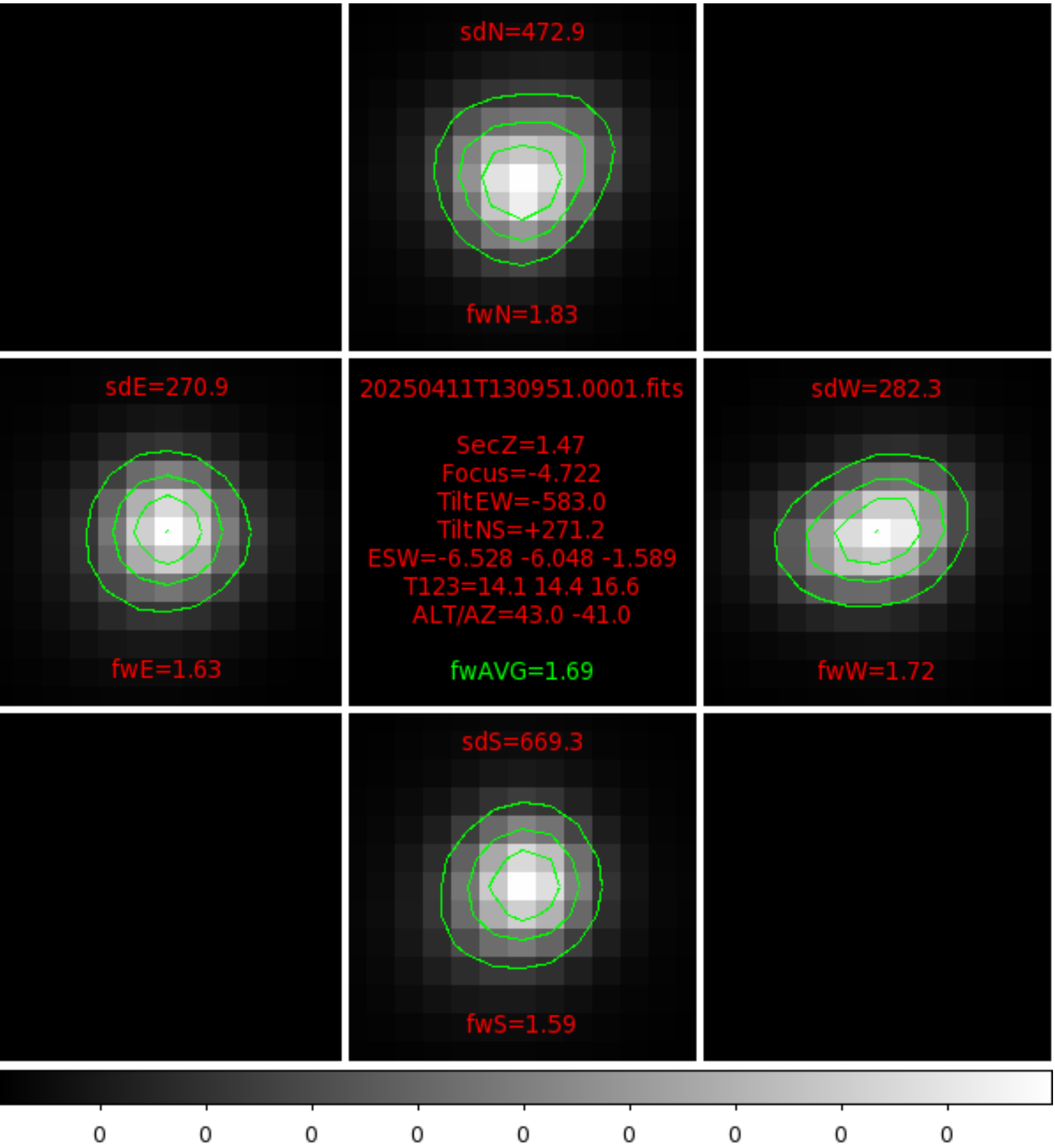
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SecZ=1.47
Focus=-4.722
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TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 14.4 16.6
ALT/AZ=43.0 -41.0
fwAVG=1.69
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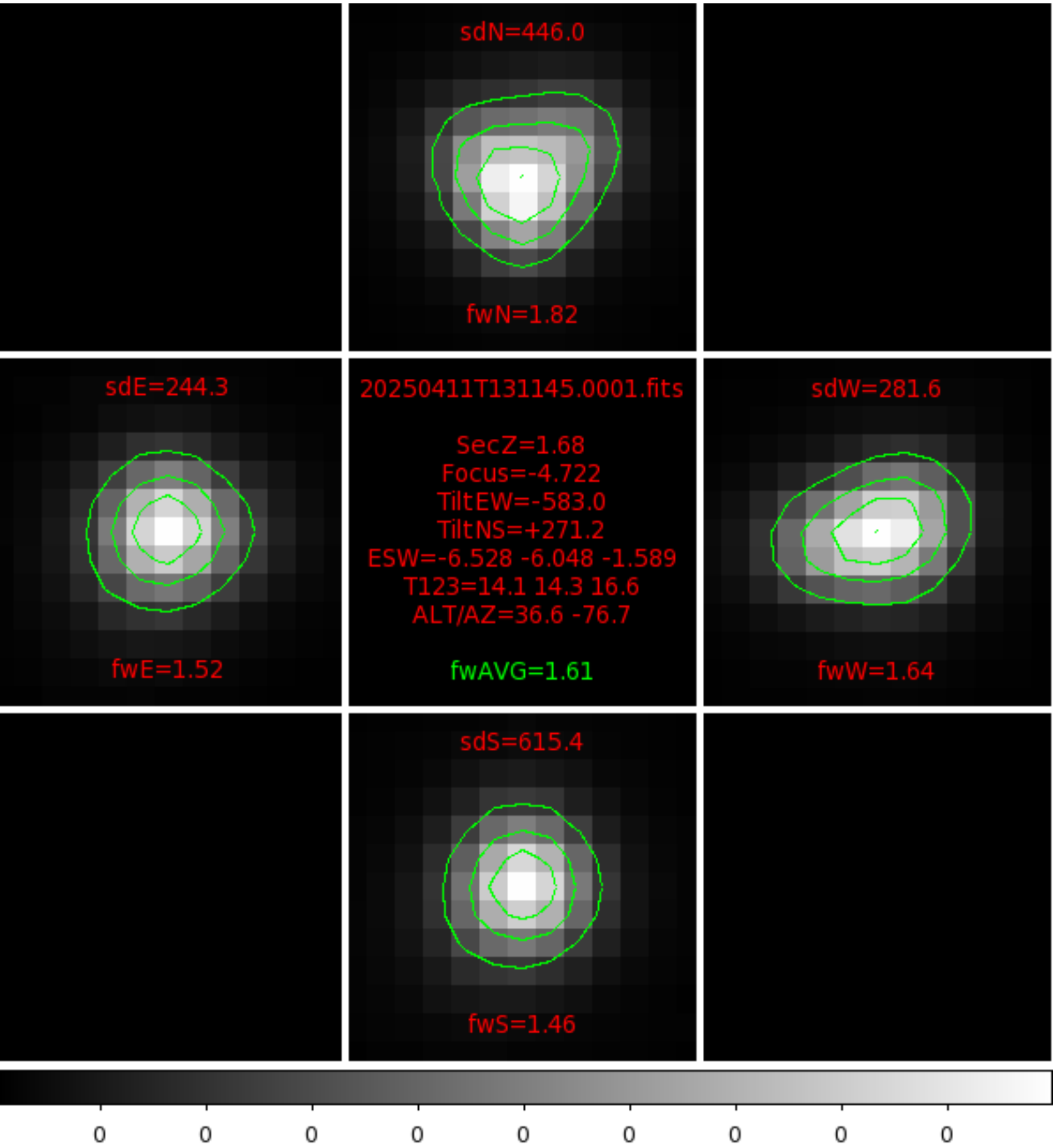
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SecZ=1.68
Focus=-4.722
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TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 14.3 16.6
ALT/AZ=36.6 -76.7
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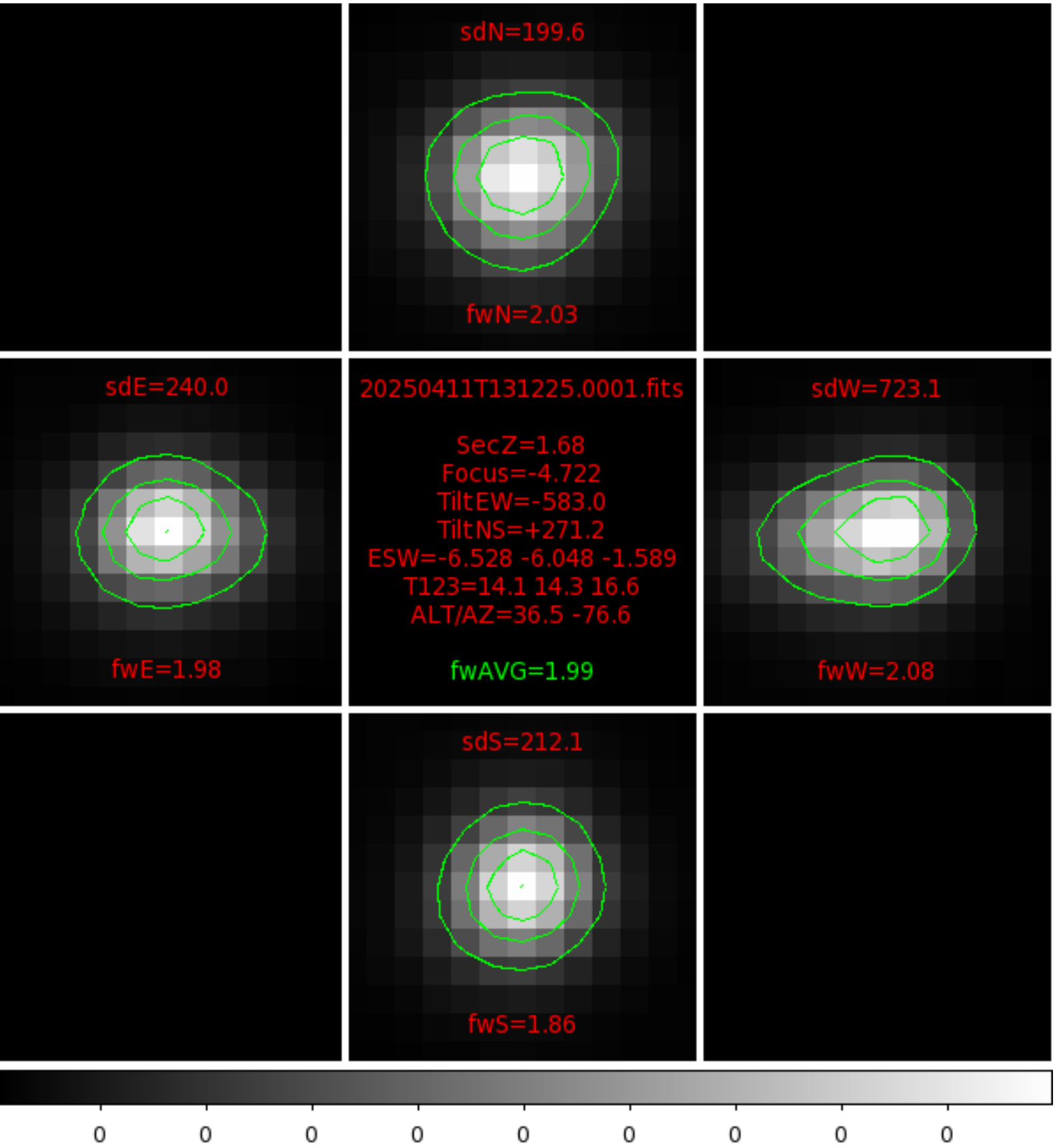
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SecZ=1.68
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 14.3 16.6
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fwAVG=1.99
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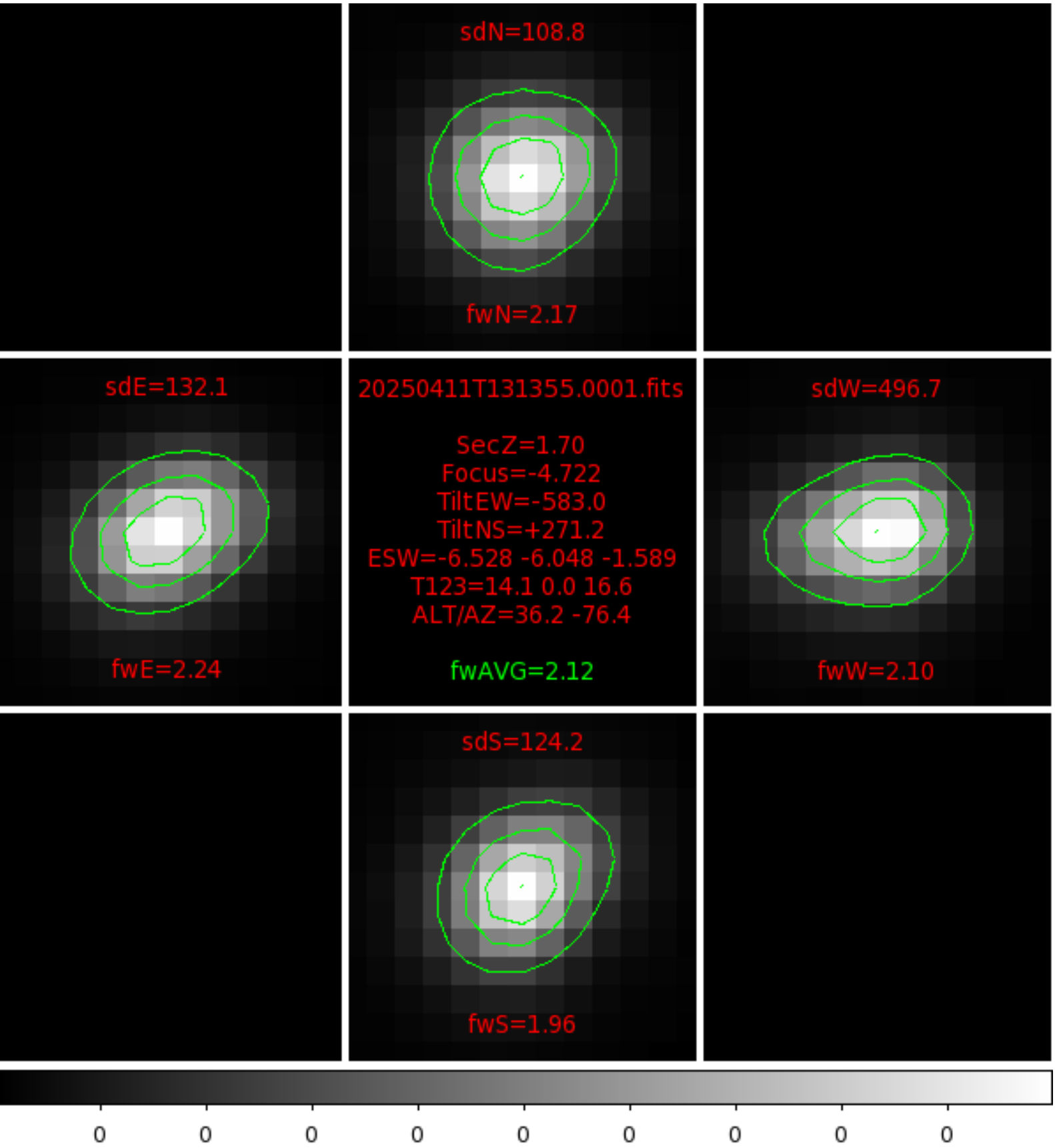
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sdE=132.1
fwE=2.24
20250411T131355.0001.fits
SecZ=1.70
Focus=-4.722
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 0.0 16.6
ALT/AZ=36.2 -76.4
fwAVG=2.12
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sdS=124.2
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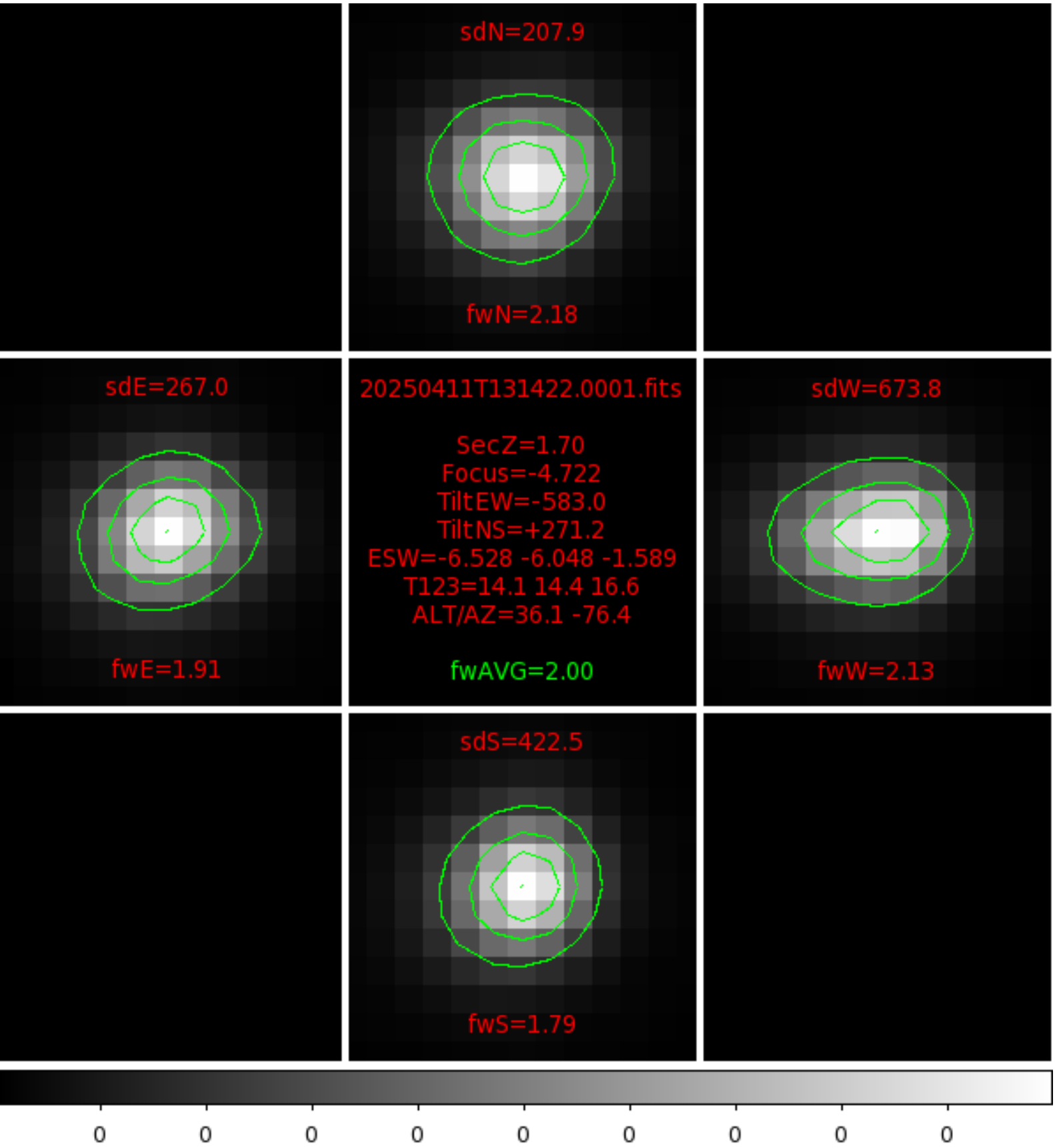
sdN=207.9
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SecZ=1.70
Focus=-4.722
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 14.4 16.6
ALT/AZ=36.1 -76.4
fwAVG=2.00
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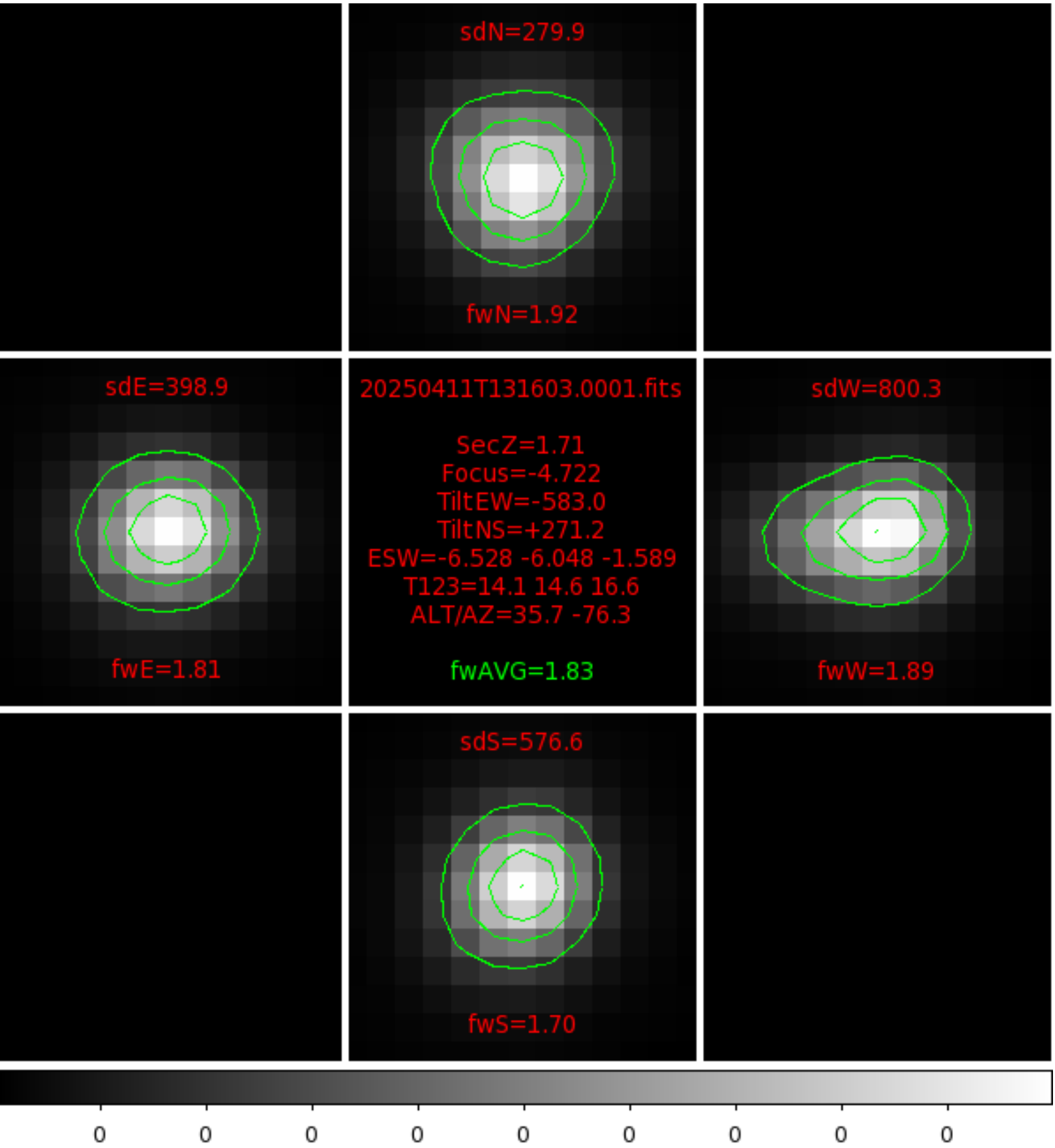
sdN=279.9
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sdE=398.9
fwE=1.81
20250411T131603.0001.fits
SecZ=1.71
Focus=-4.722
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 14.6 16.6
ALT/AZ=35.7 -76.3
fwAVG=1.83
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sdS=576.6
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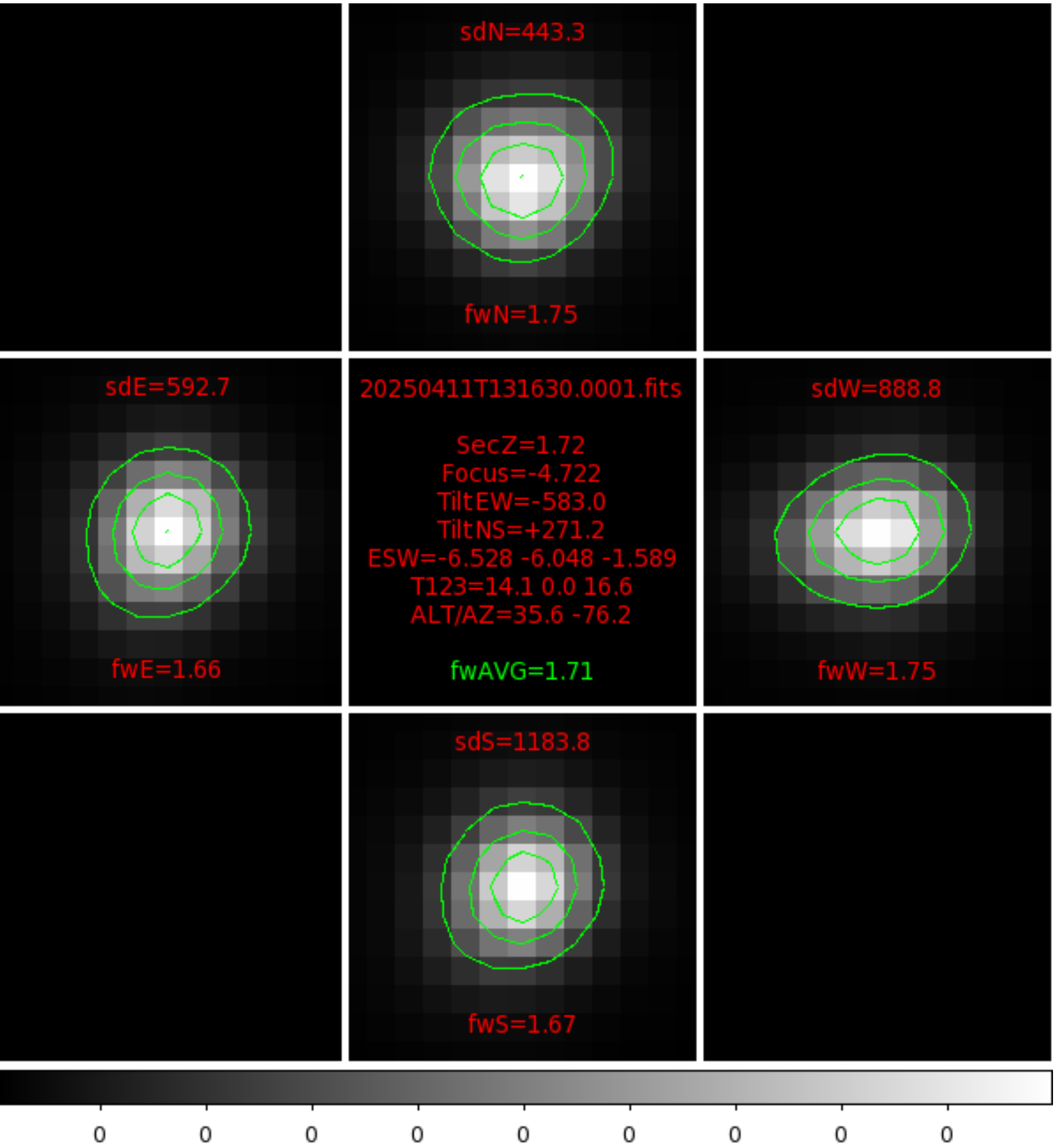
sdN=443.3
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sdE=592.7
fwE=1.66
20250411T131630.0001.fits
SecZ=1.72
Focus=-4.722
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 0.0 16.6
ALT/AZ=35.6 -76.2
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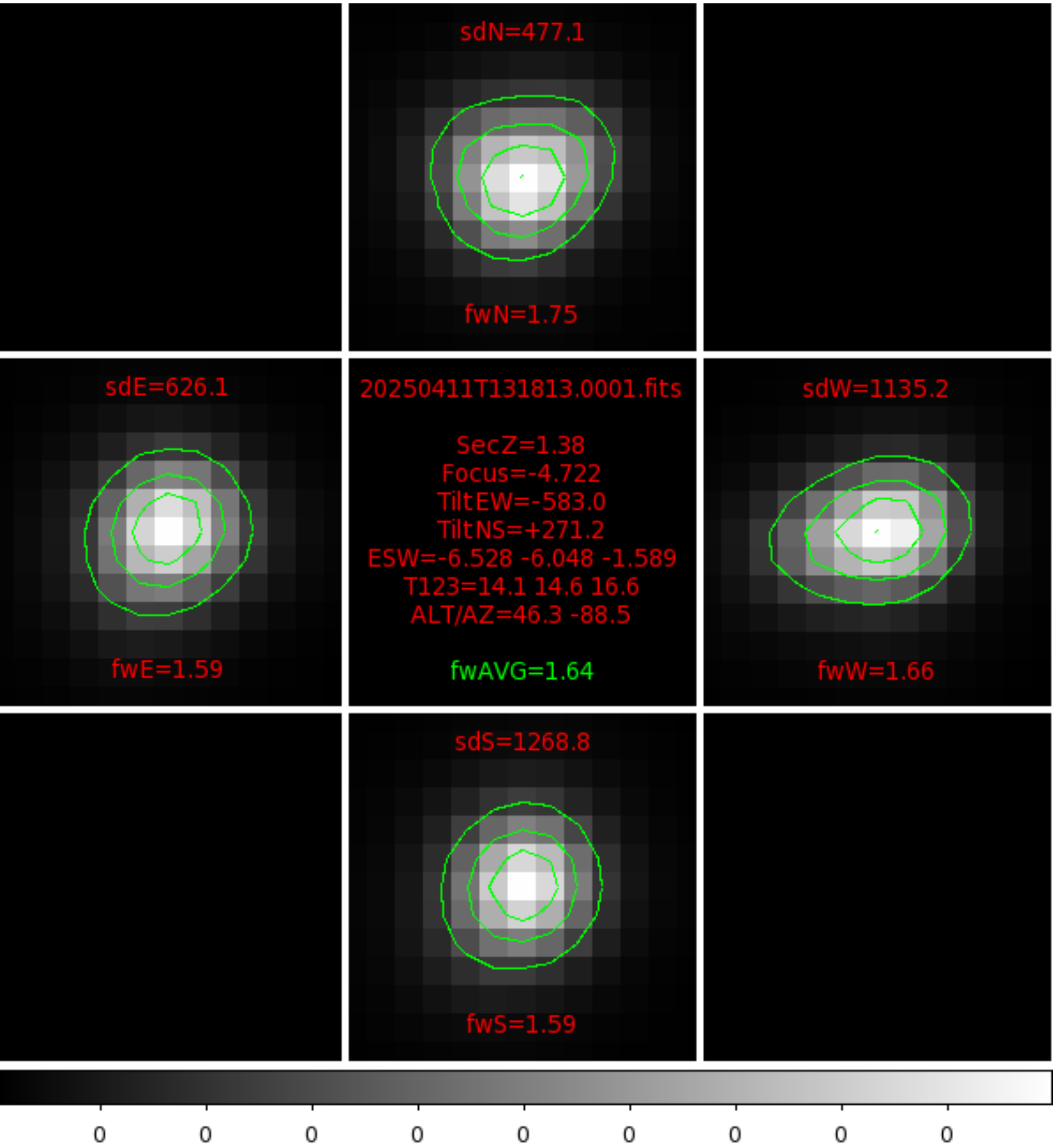
sdN=477.1
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sdE=626.1
fwE=1.59
20250411T131813.0001.fits
SecZ=1.38
Focus=-4.722
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 14.6 16.6
ALT/AZ=46.3 -88.5
fwAVG=1.64
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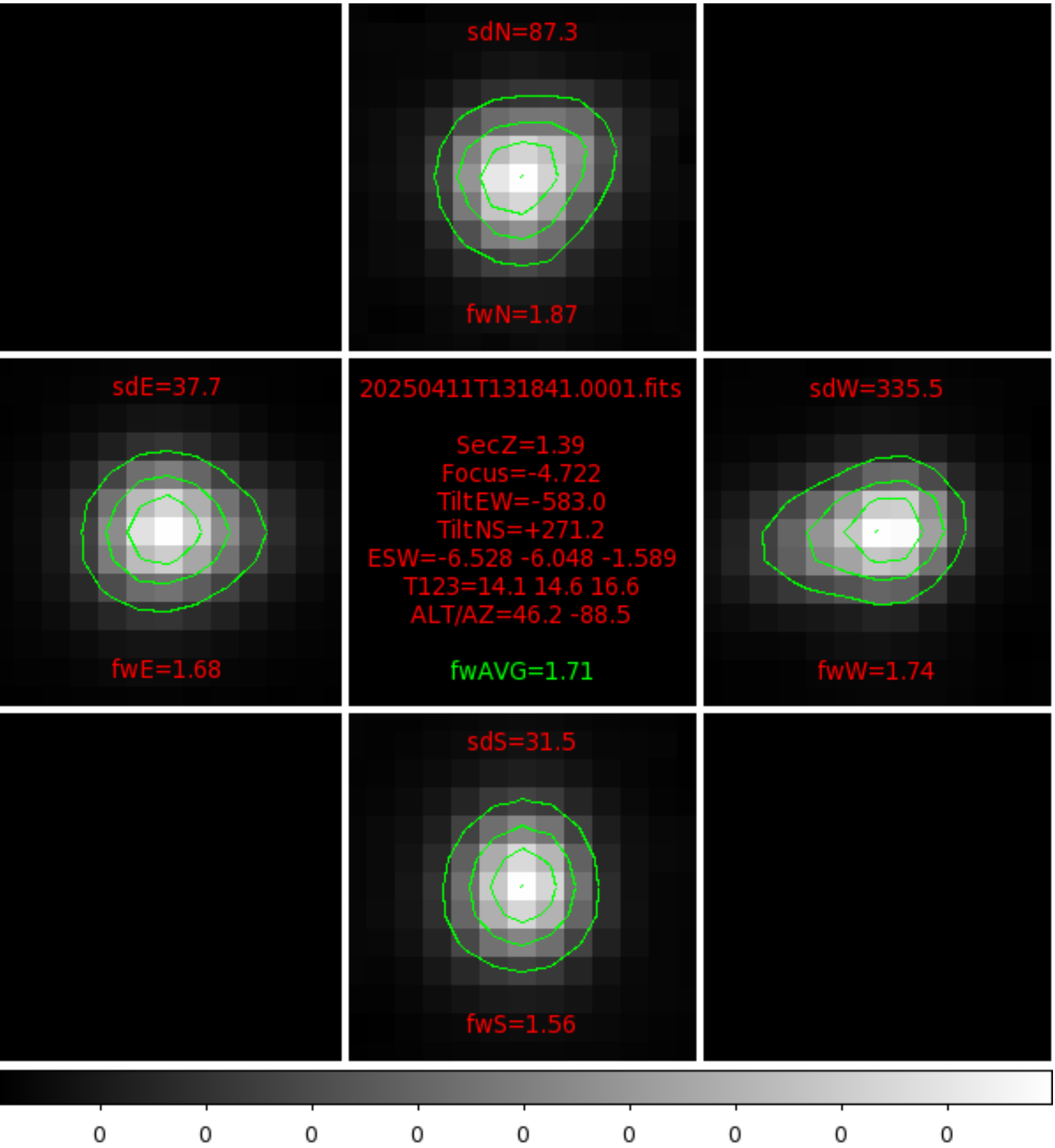
sdN=87.3
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sdE=37.7
fwE=1.68
20250411T131841.0001.fits
SecZ=1.39
Focus=-4.722
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 14.6 16.6
ALT/AZ=46.2 -88.5
fwAVG=1.71
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sdS=31.5
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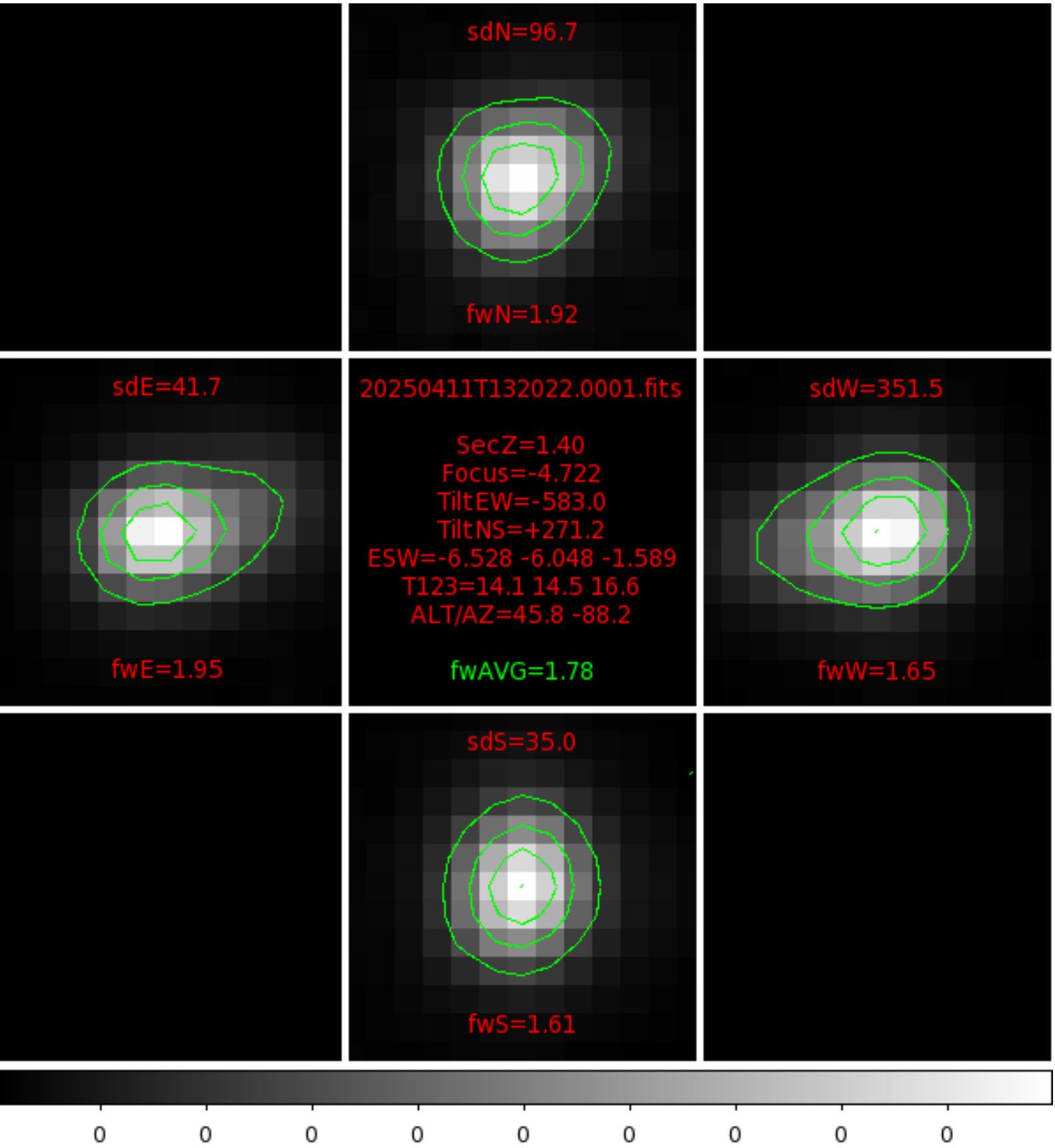
sdN=96.7
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sdE=41.7
fwE=1.95
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SecZ=1.40
Focus=-4.722
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 14.5 16.6
ALT/AZ=45.8 -88.2
fwAVG=1.78
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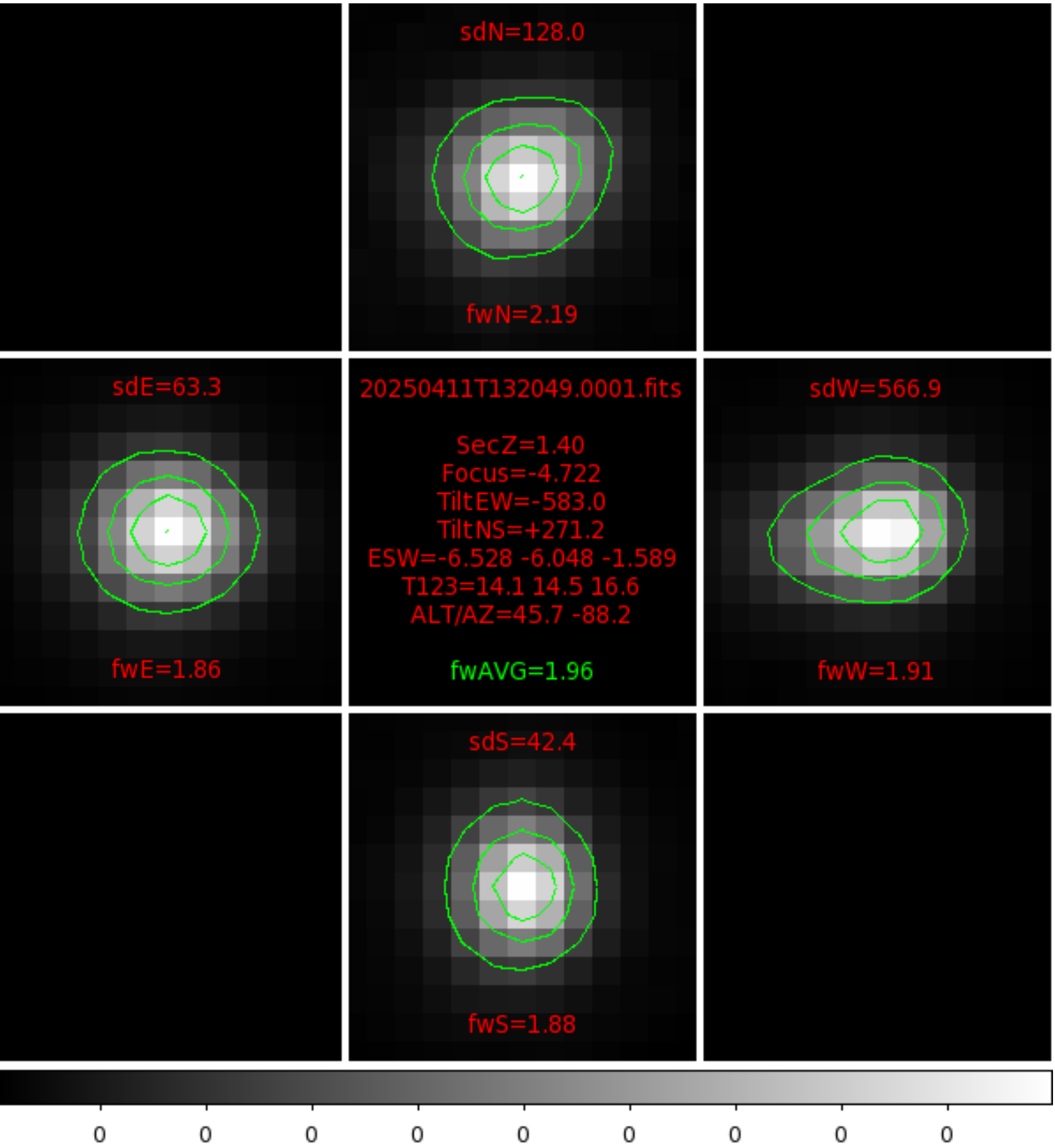
sdN=128.0
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SecZ=1.40
Focus=-4.722
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 14.5 16.6
ALT/AZ=45.7 -88.2
fwAVG=1.96
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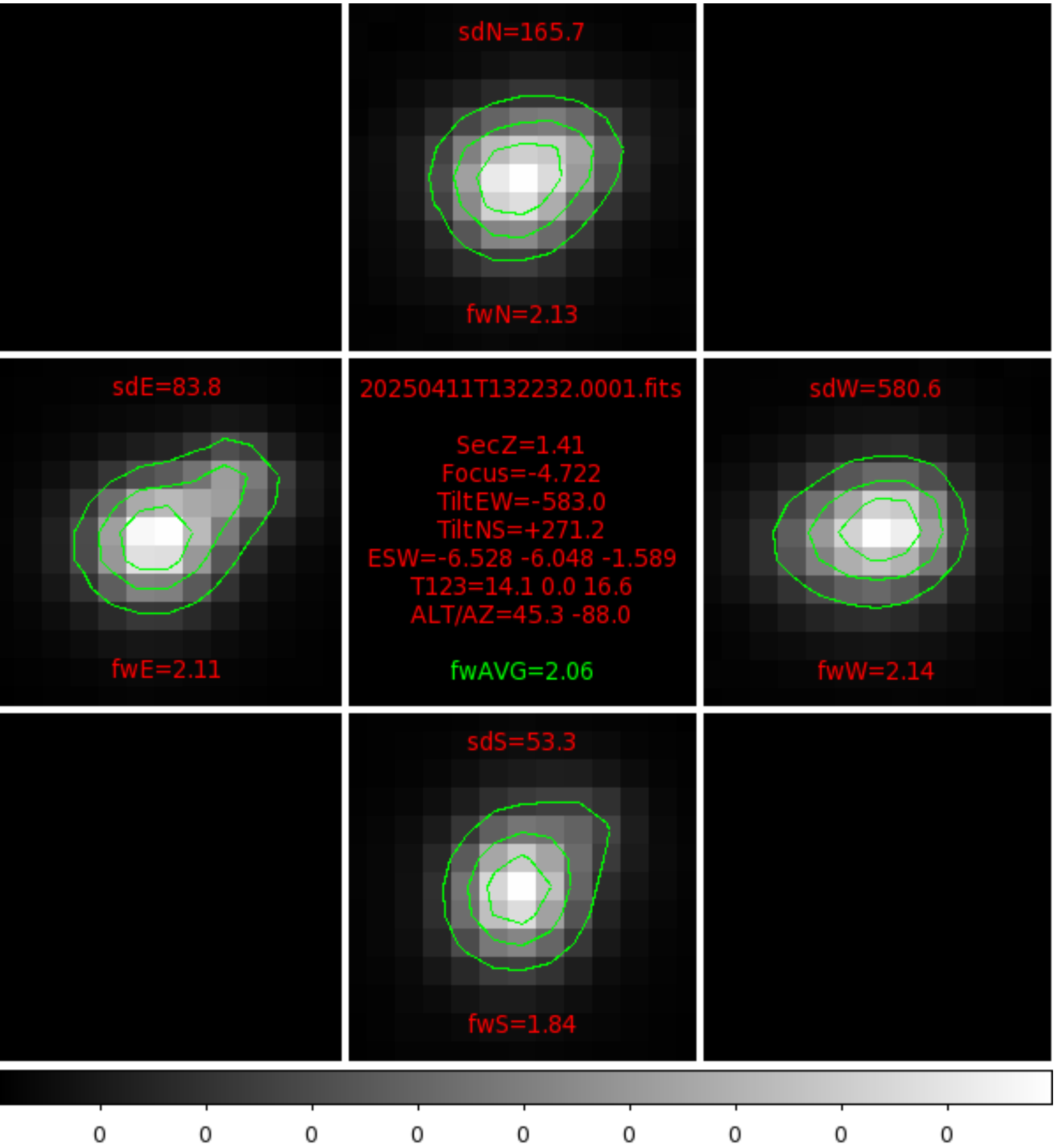
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TiltEW=-583.0
TiltNS=+271.2
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T123=14.1 0.0 16.6
ALT/AZ=45.3 -88.0
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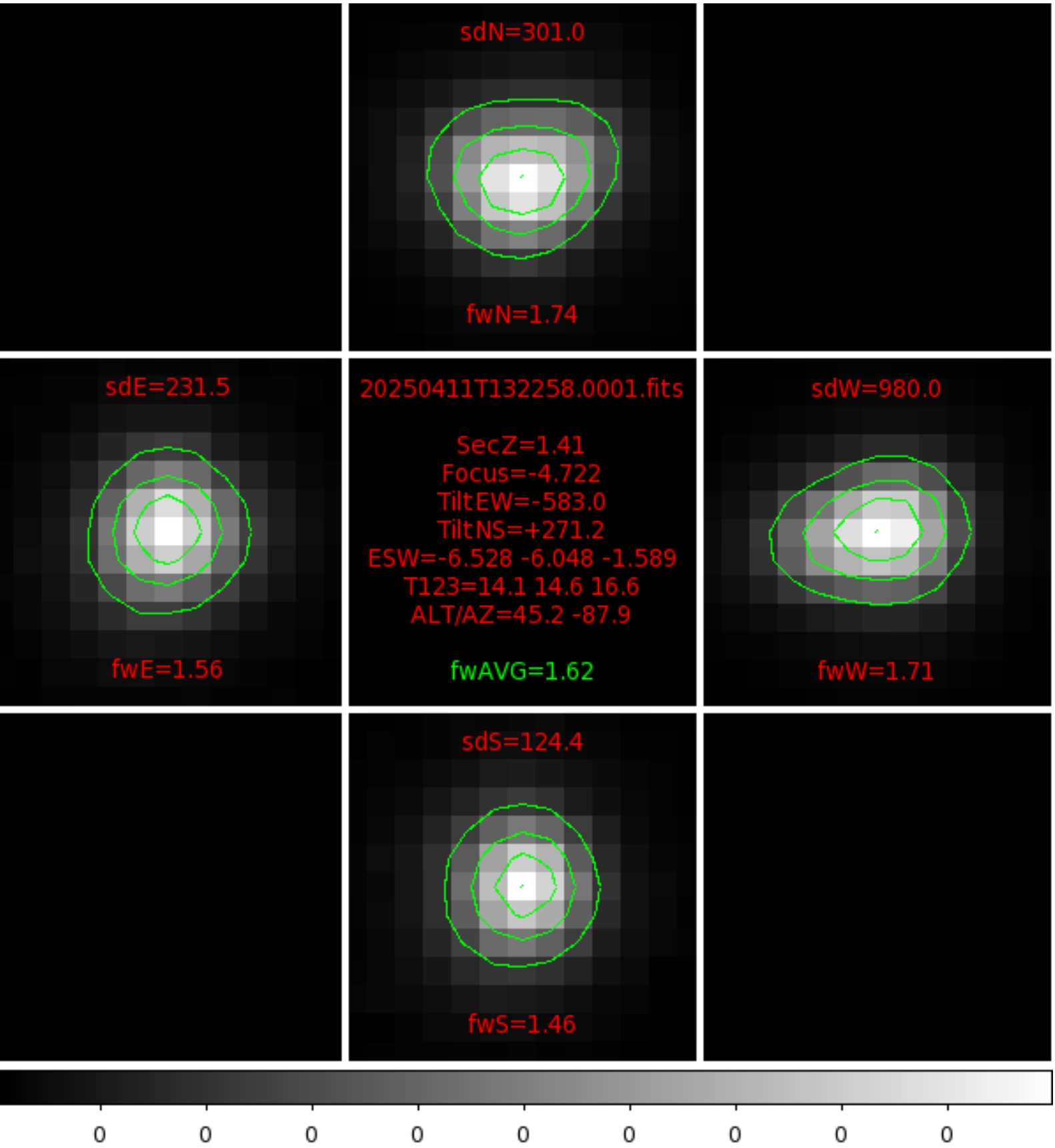
sdN=301.0
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sdE=231.5
fwE=1.56
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SecZ=1.41
Focus=-4.722
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 14.6 16.6
ALT/AZ=45.2 -87.9
fwAVG=1.62
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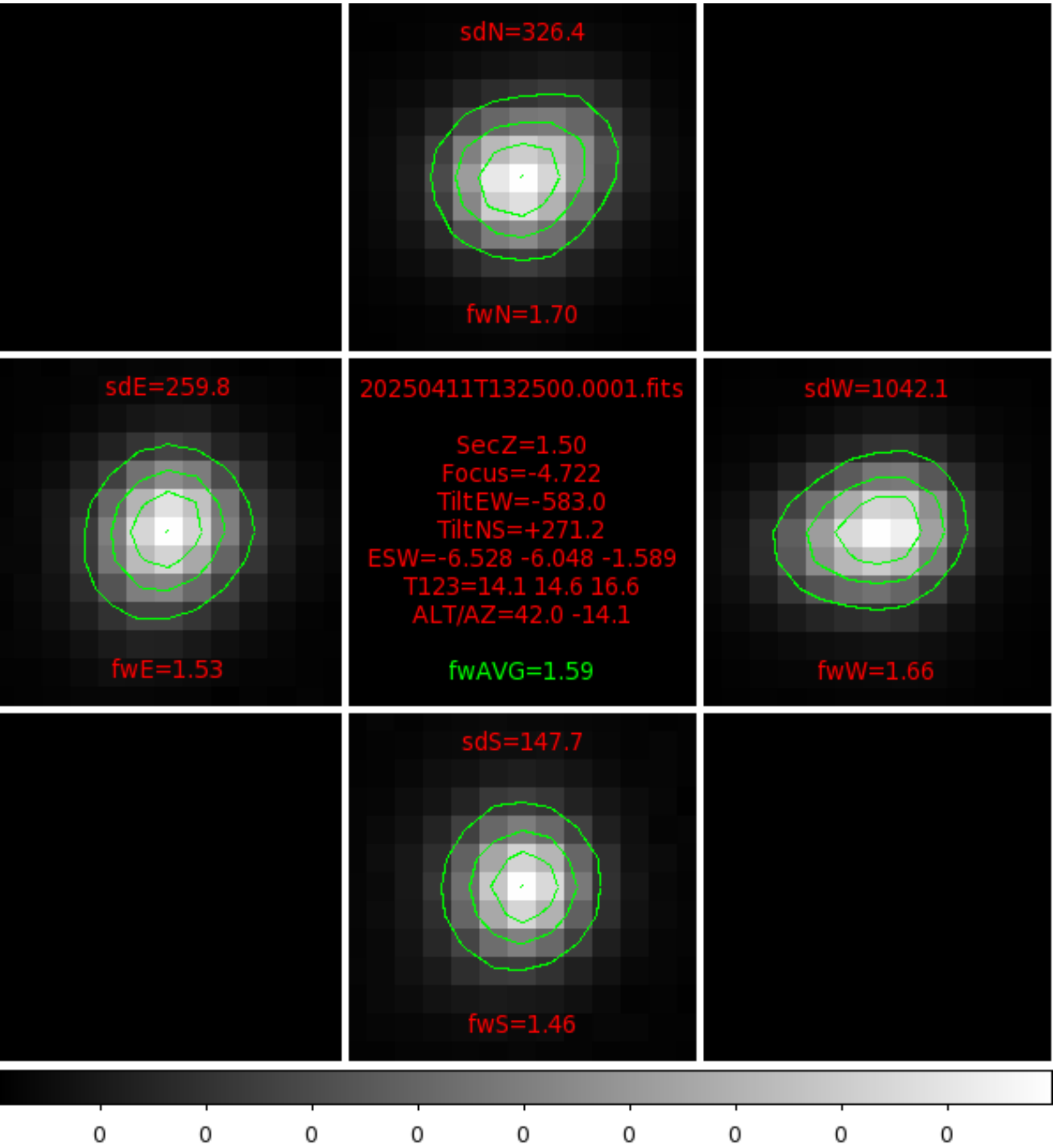
sdN=326.4
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sdE=259.8
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SecZ=1.50
Focus=-4.722
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.1 14.6 16.6
ALT/AZ=42.0 -14.1
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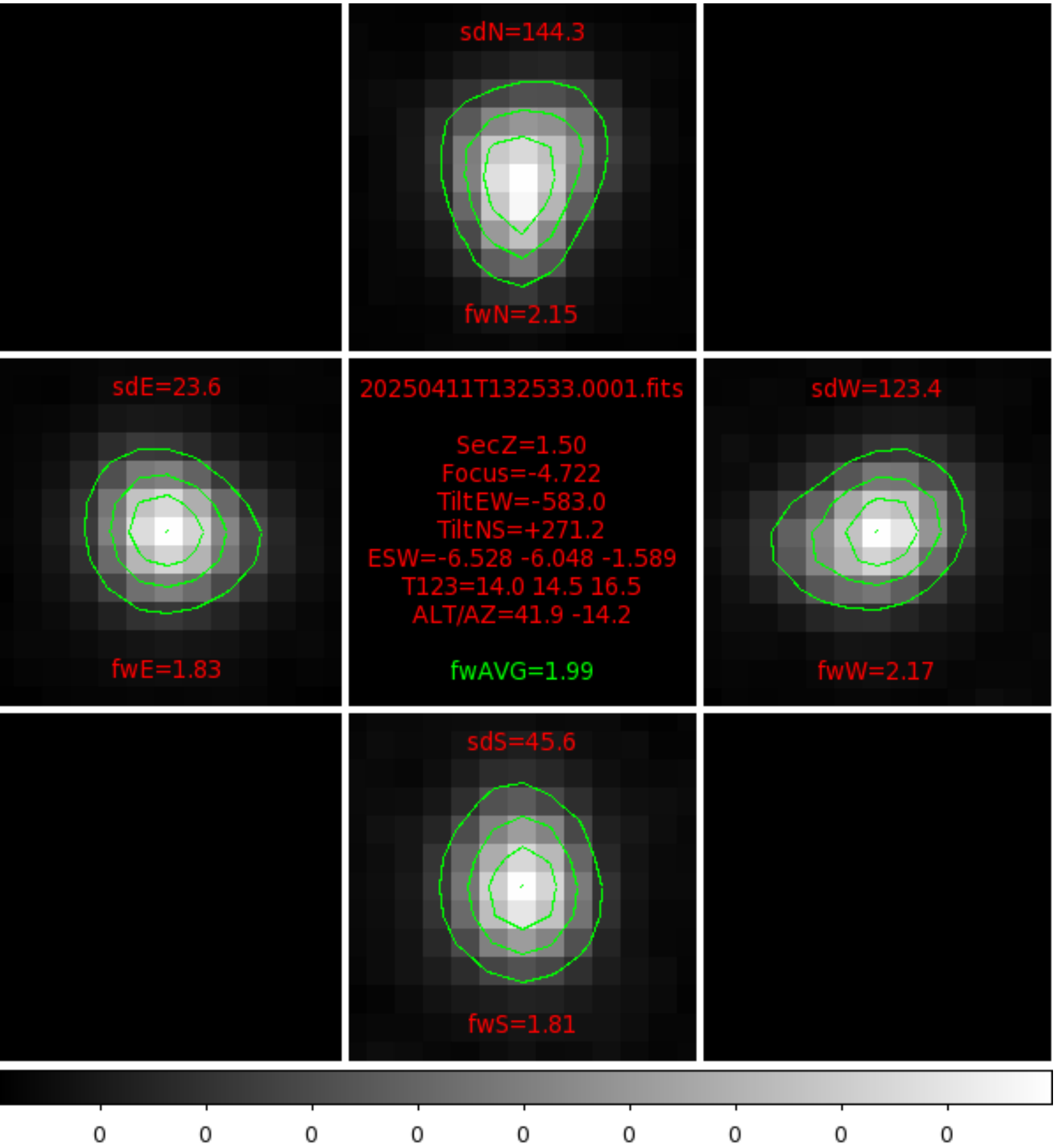
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SecZ=1.50
Focus=-4.722
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.528 -6.048 -1.589
T123=14.0 14.5 16.5
ALT/AZ=41.9 -14.2
fwAVG=1.99
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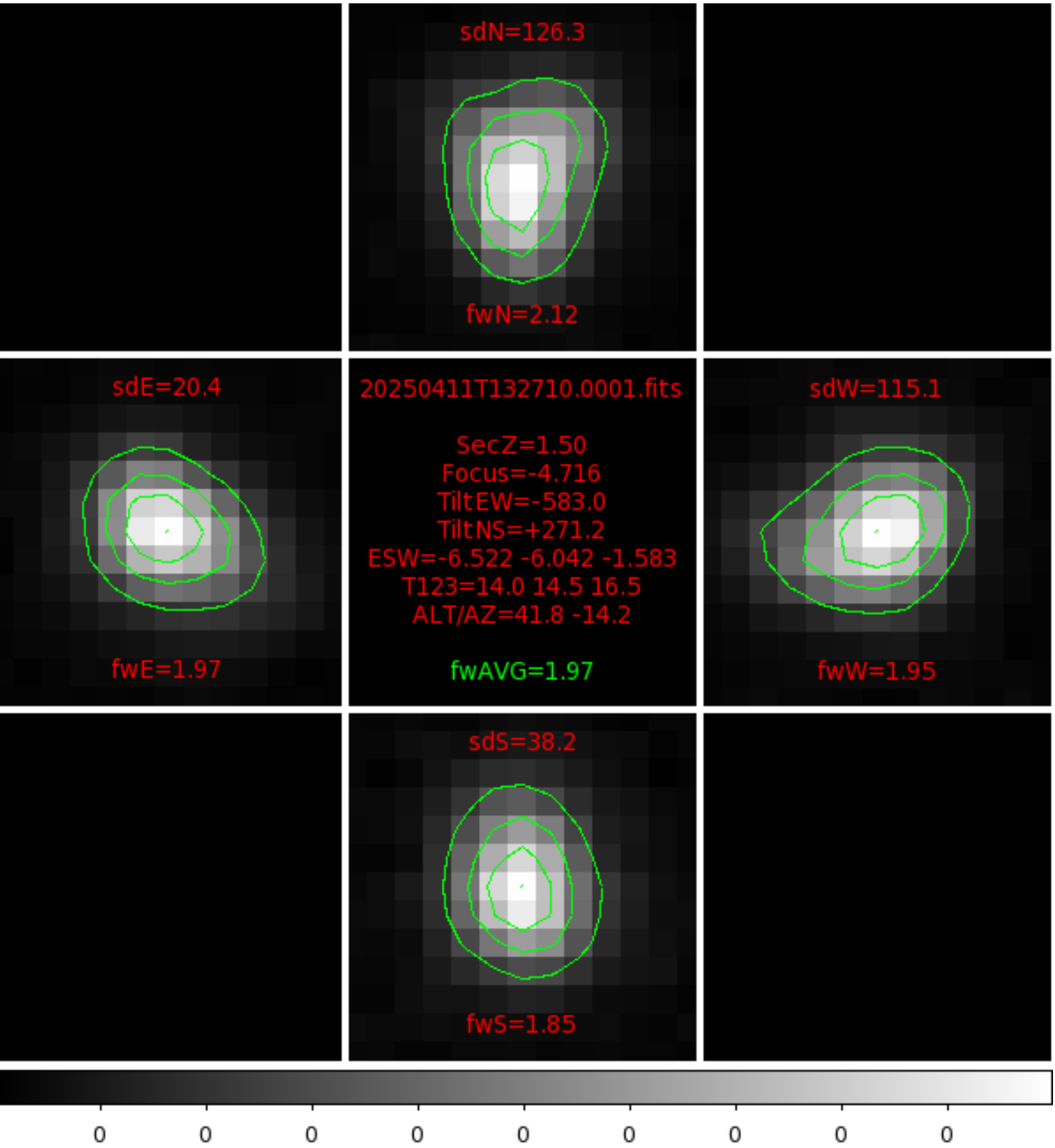
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SecZ=1.50
Focus=-4.716
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.522 -6.042 -1.583
T123=14.0 14.5 16.5
ALT/AZ=41.8 -14.2
fwAVG=1.97
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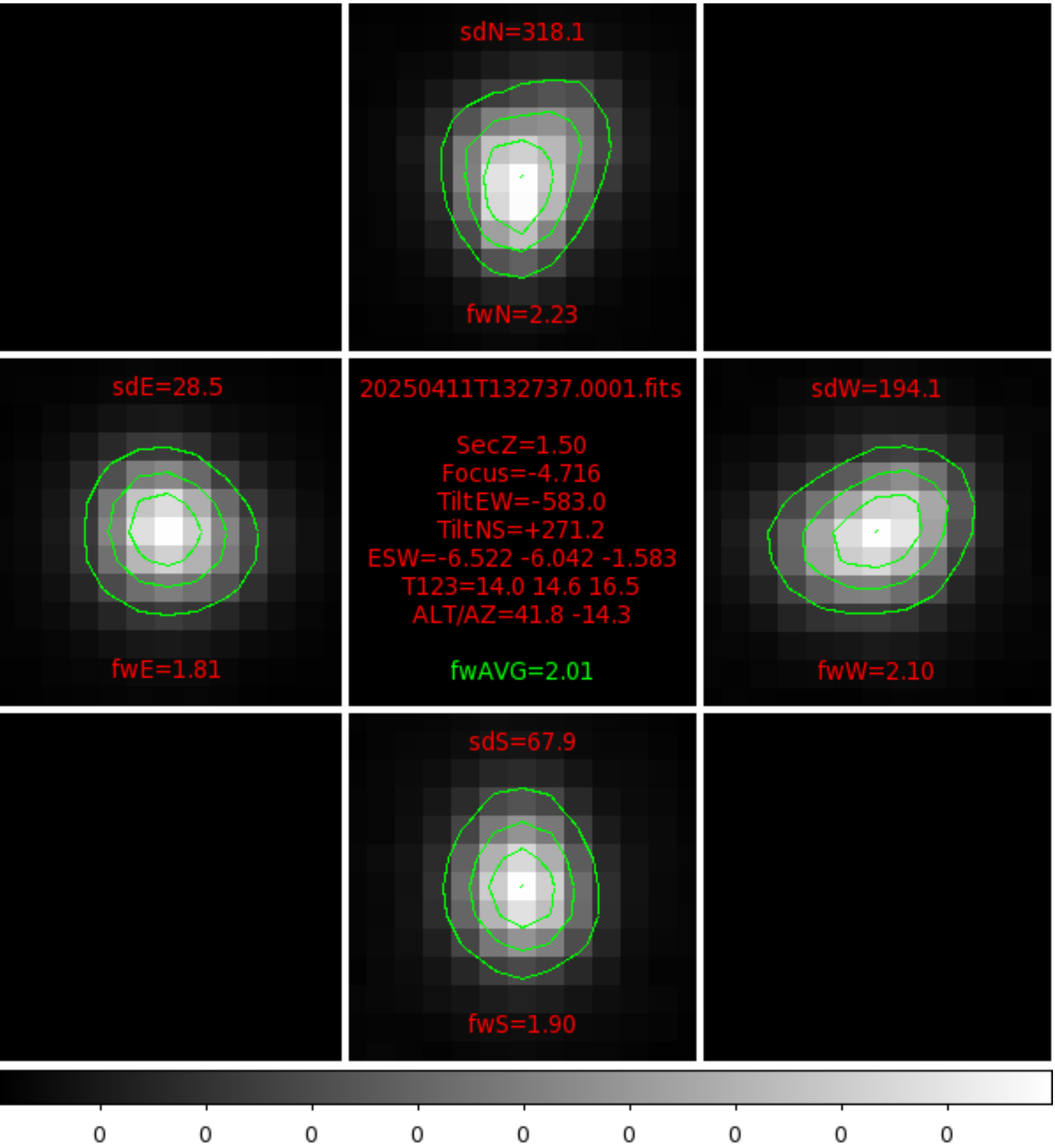
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sdE=28.5
fwE=1.81
20250411T132737.0001.fits
SecZ=1.50
Focus=-4.716
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.522 -6.042 -1.583
T123=14.0 14.6 16.5
ALT/AZ=41.8 -14.3
fwAVG=2.01
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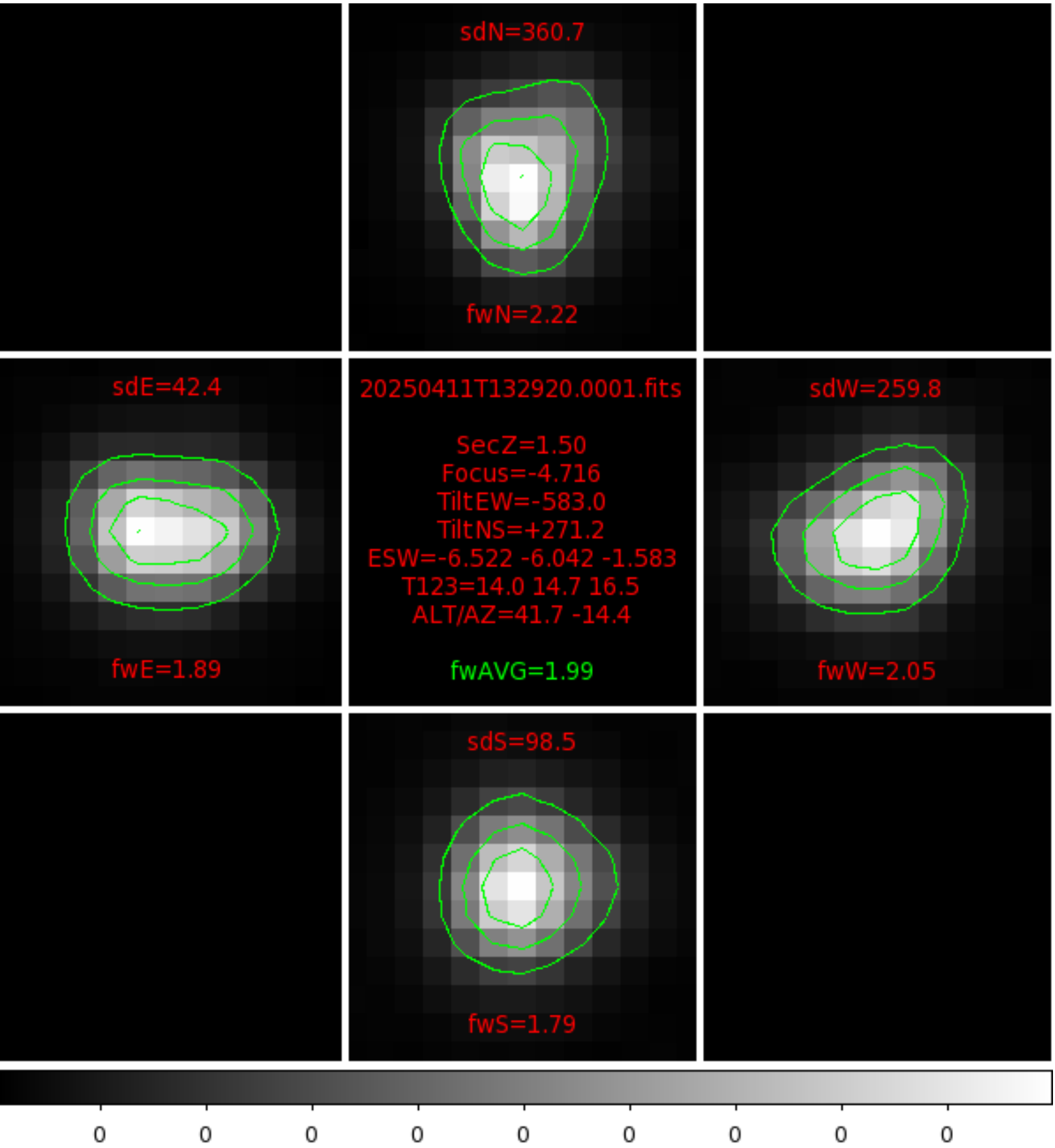
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SecZ=1.50
Focus=-4.716
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.522 -6.042 -1.583
T123=14.0 14.7 16.5
ALT/AZ=41.7 -14.4
fwAVG=1.99
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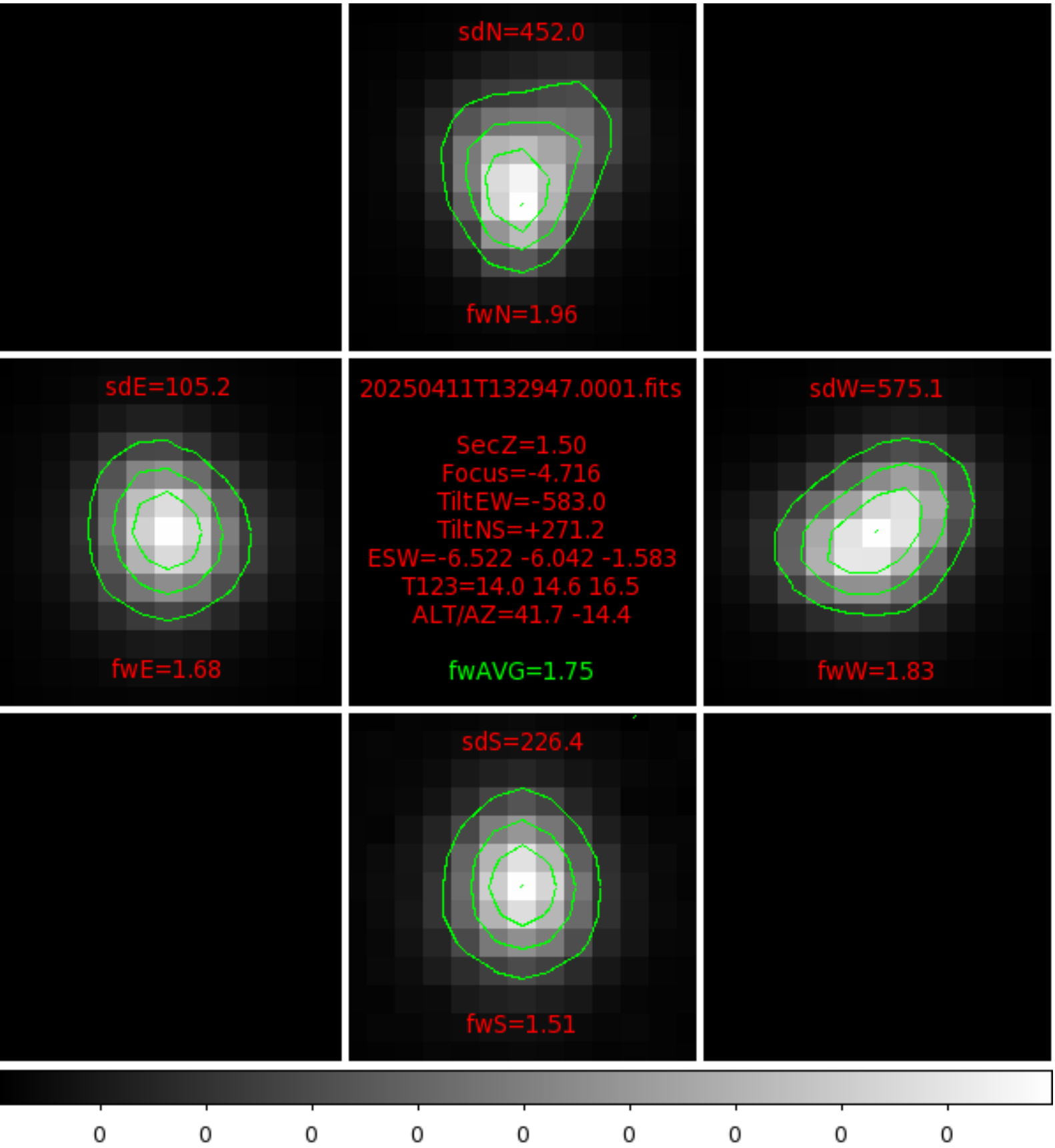
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fwE=1.68
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Focus=-4.716
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.522 -6.042 -1.583
T123=14.0 14.6 16.5
ALT/AZ=41.7 -14.4
fwAVG=1.75
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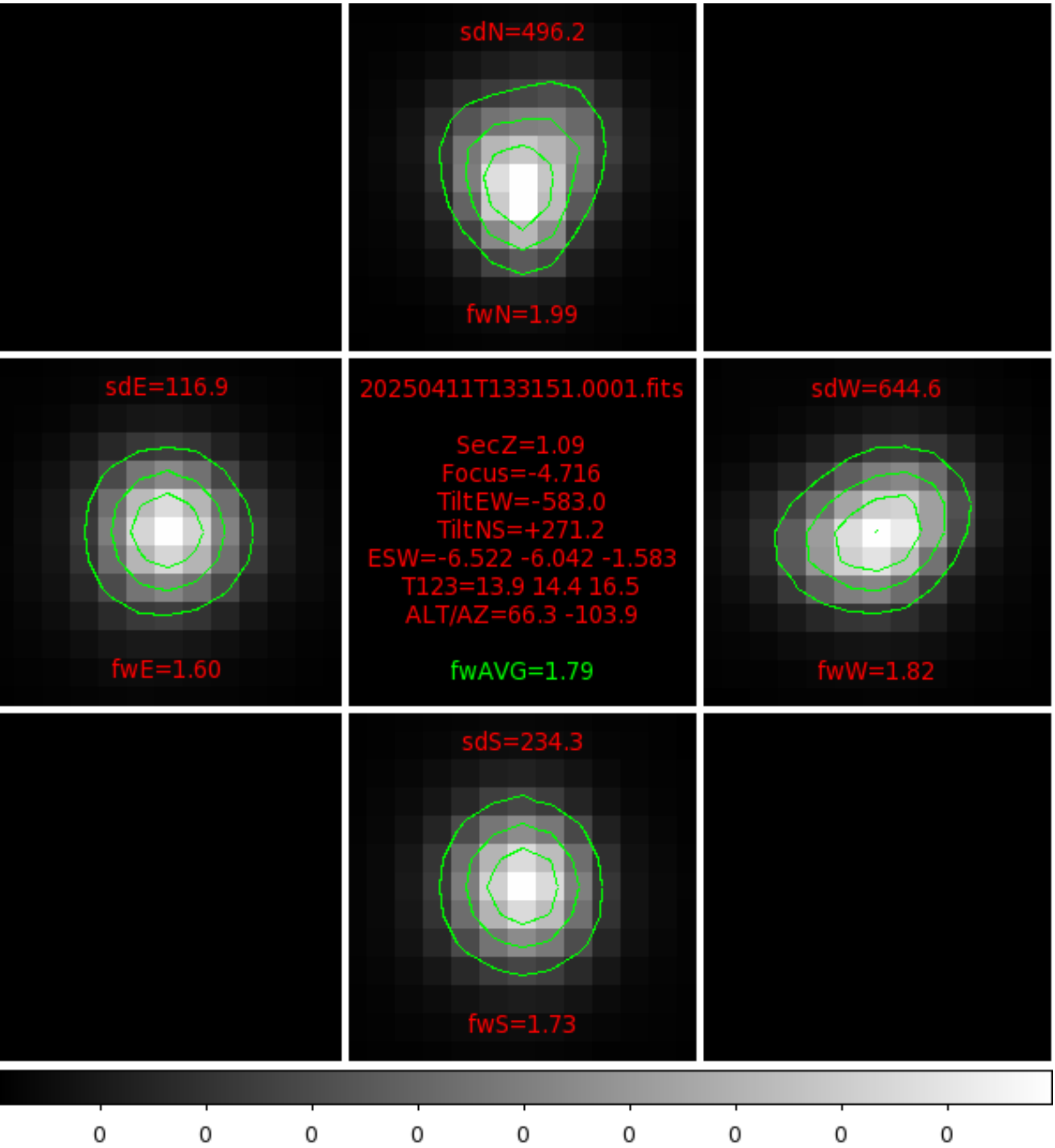
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SecZ=1.09
Focus=-4.716
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.522 -6.042 -1.583
T123=13.9 14.4 16.5
ALT/AZ=66.3 -103.9
fwAVG=1.79
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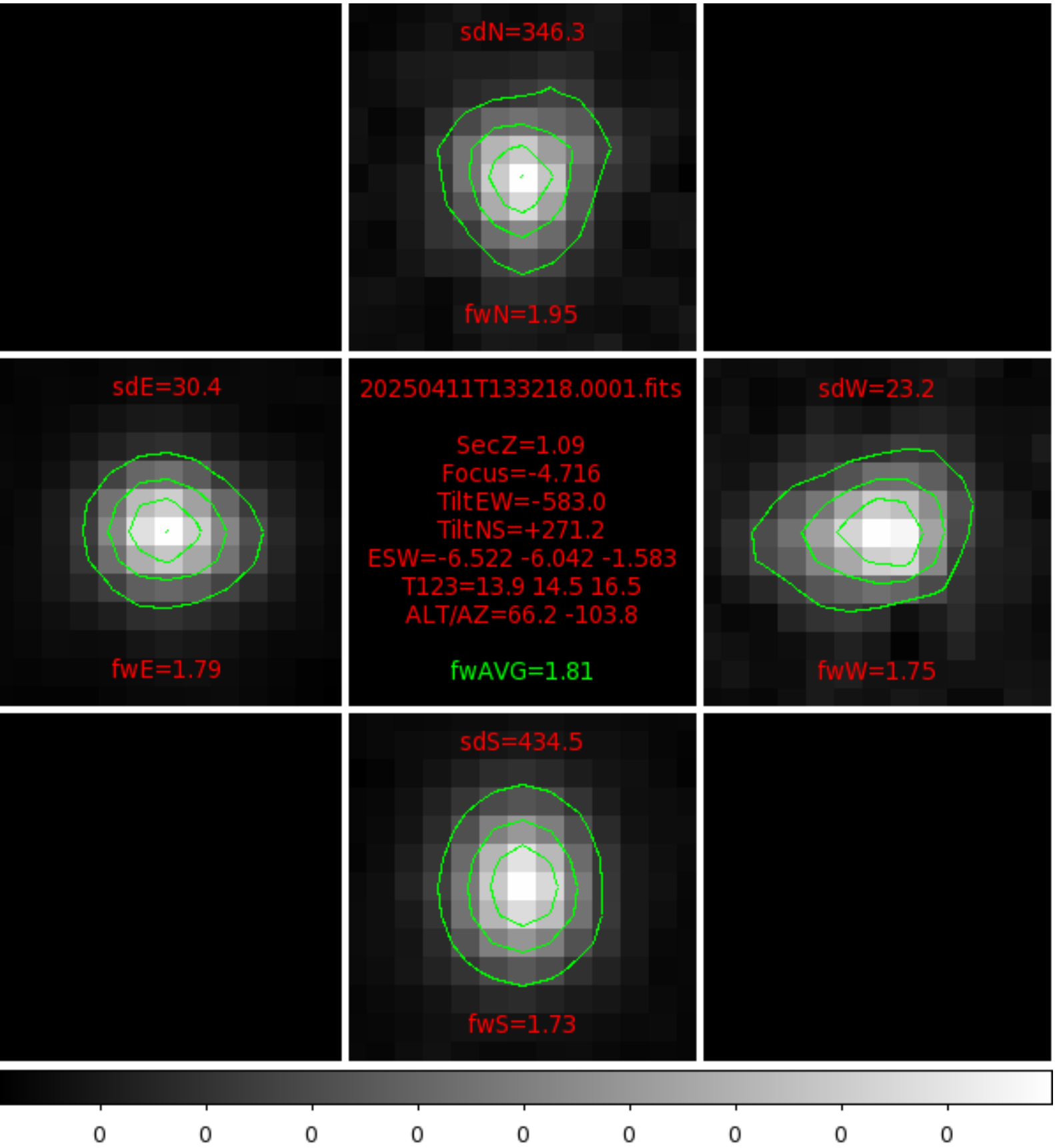
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fwN=1.95
sdE=30.4
fwE=1.79
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SecZ=1.09
Focus=-4.716
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.522 -6.042 -1.583
T123=13.9 14.5 16.5
ALT/AZ=66.2 -103.8
fwAVG=1.81
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sdS=434.5
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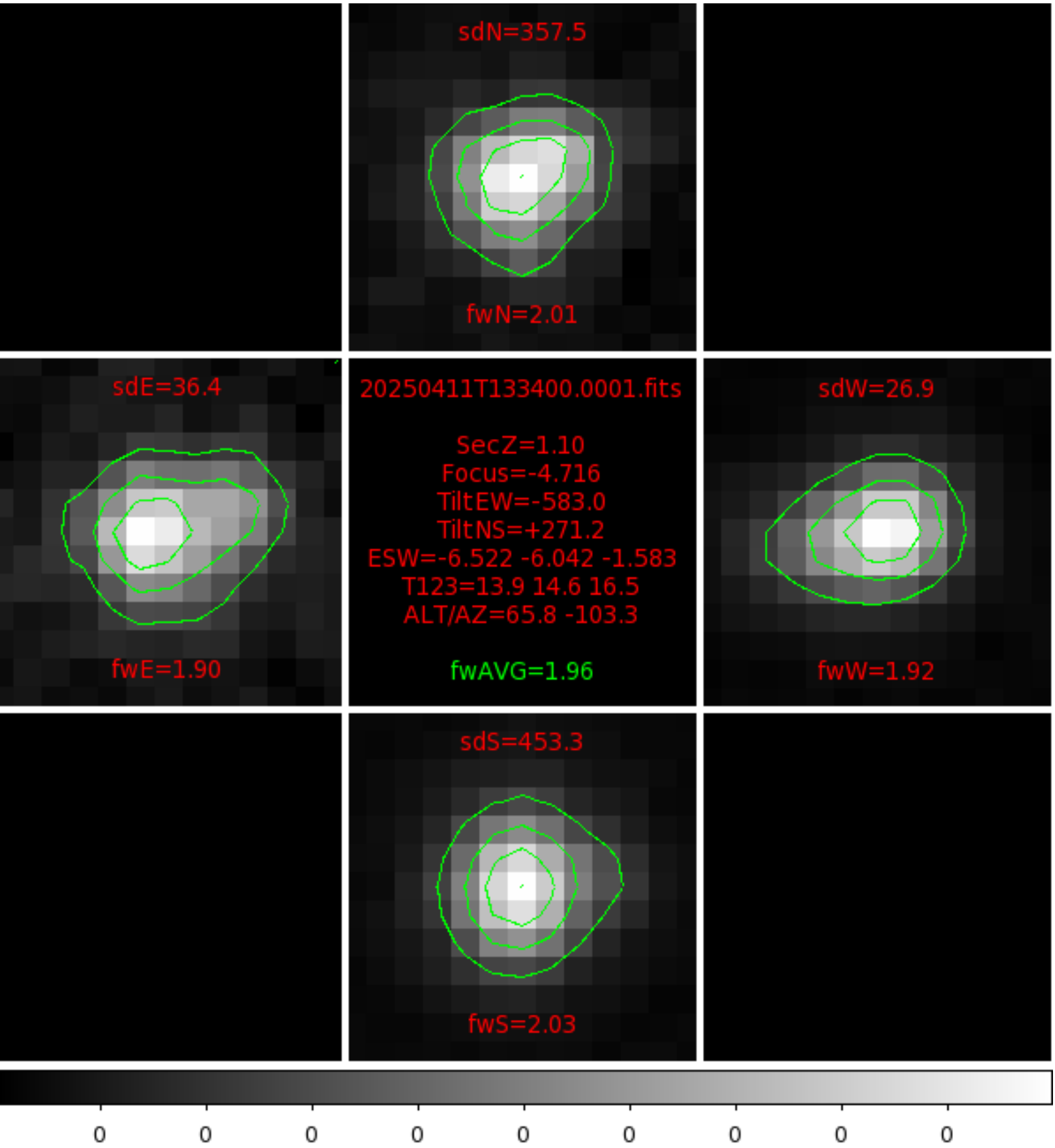
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sdE=36.4
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SecZ=1.10
Focus=-4.716
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.522 -6.042 -1.583
T123=13.9 14.6 16.5
ALT/AZ=65.8 -103.3
fwAVG=1.96
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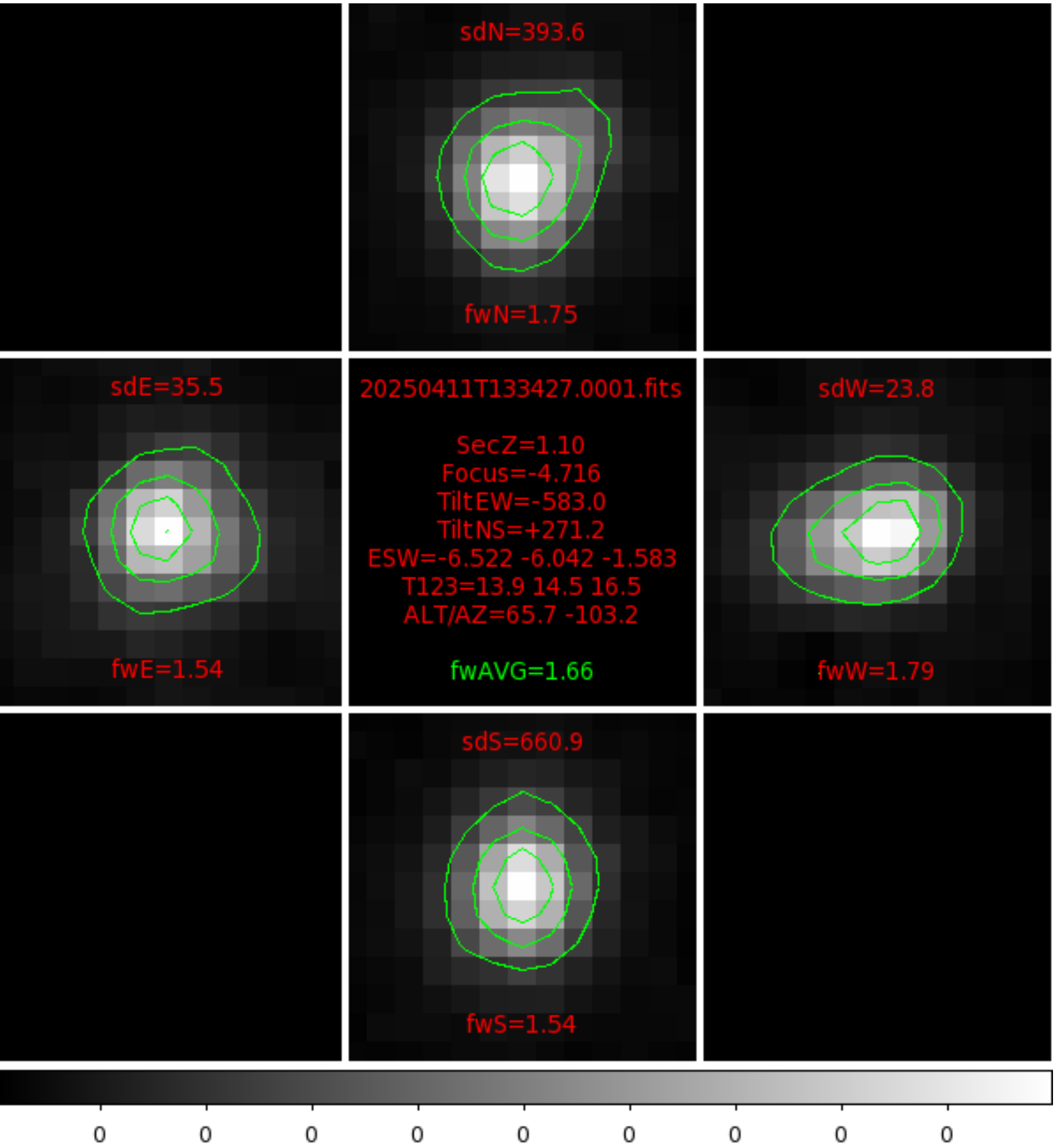
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sdE=35.5
fwE=1.54
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SecZ=1.10
Focus=-4.716
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.522 -6.042 -1.583
T123=13.9 14.5 16.5
ALT/AZ=65.7 -103.2
fwAVG=1.66
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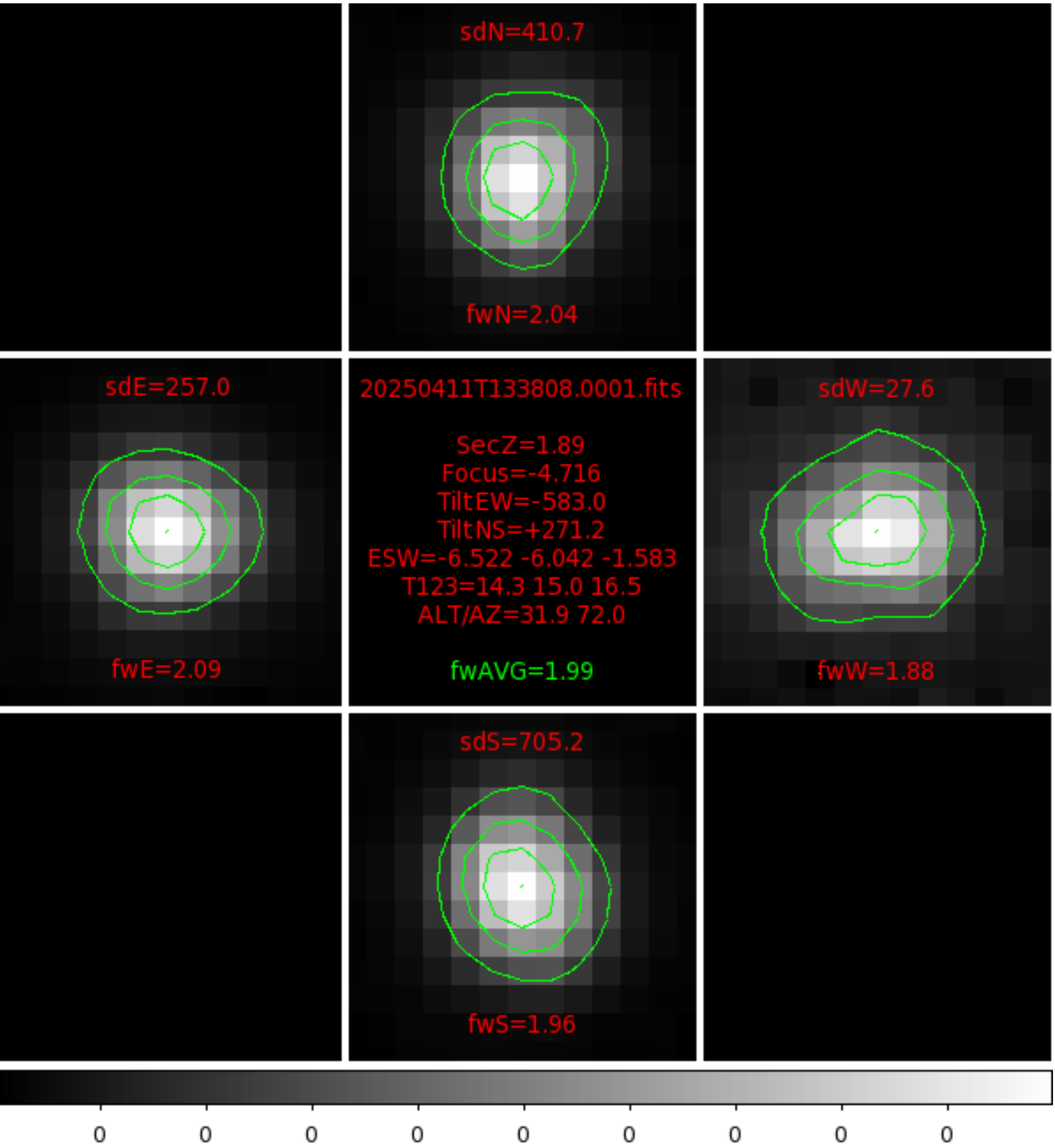
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20250411T133808.0001.fits
SecZ=1.89
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ESW=-6.522 -6.042 -1.583
T123=14.3 15.0 16.5
ALT/AZ=31.9 72.0
fwAVG=1.99
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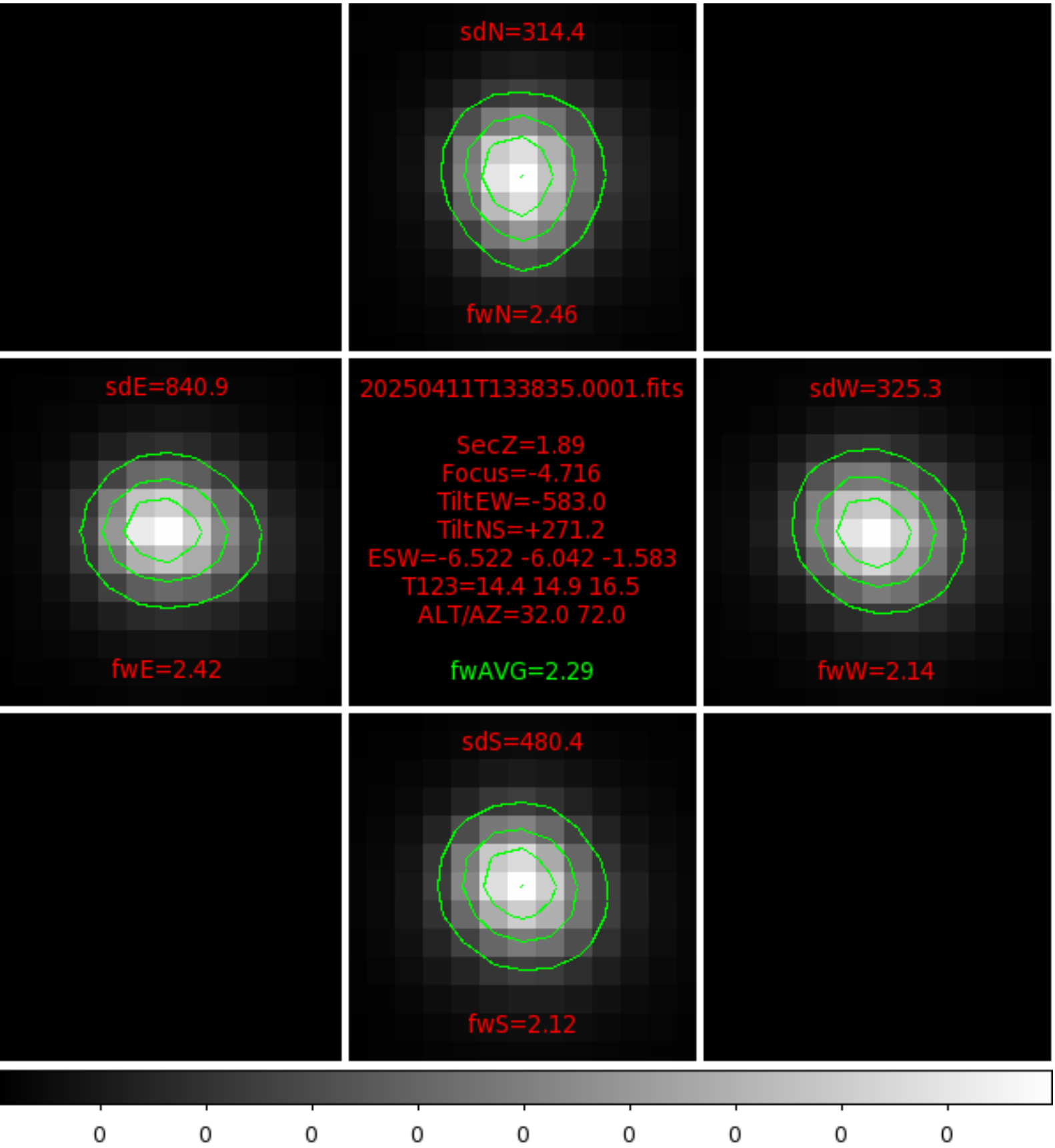
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T123=14.4 14.9 16.5
ALT/AZ=32.0 72.0
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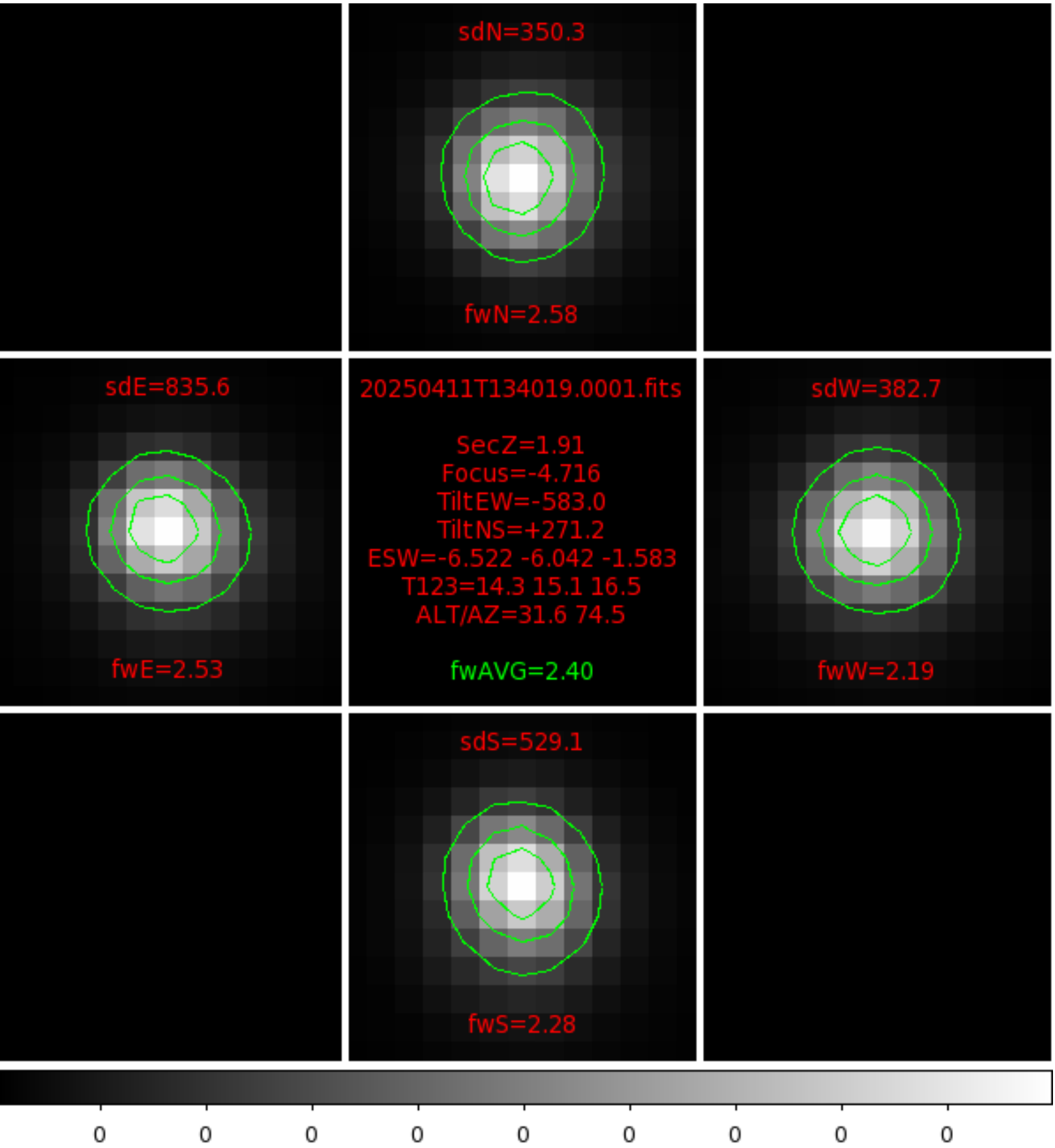
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TiltNS=+271.2
ESW=-6.522 -6.042 -1.583
T123=14.3 15.1 16.5
ALT/AZ=31.6 74.5
fwAVG=2.40
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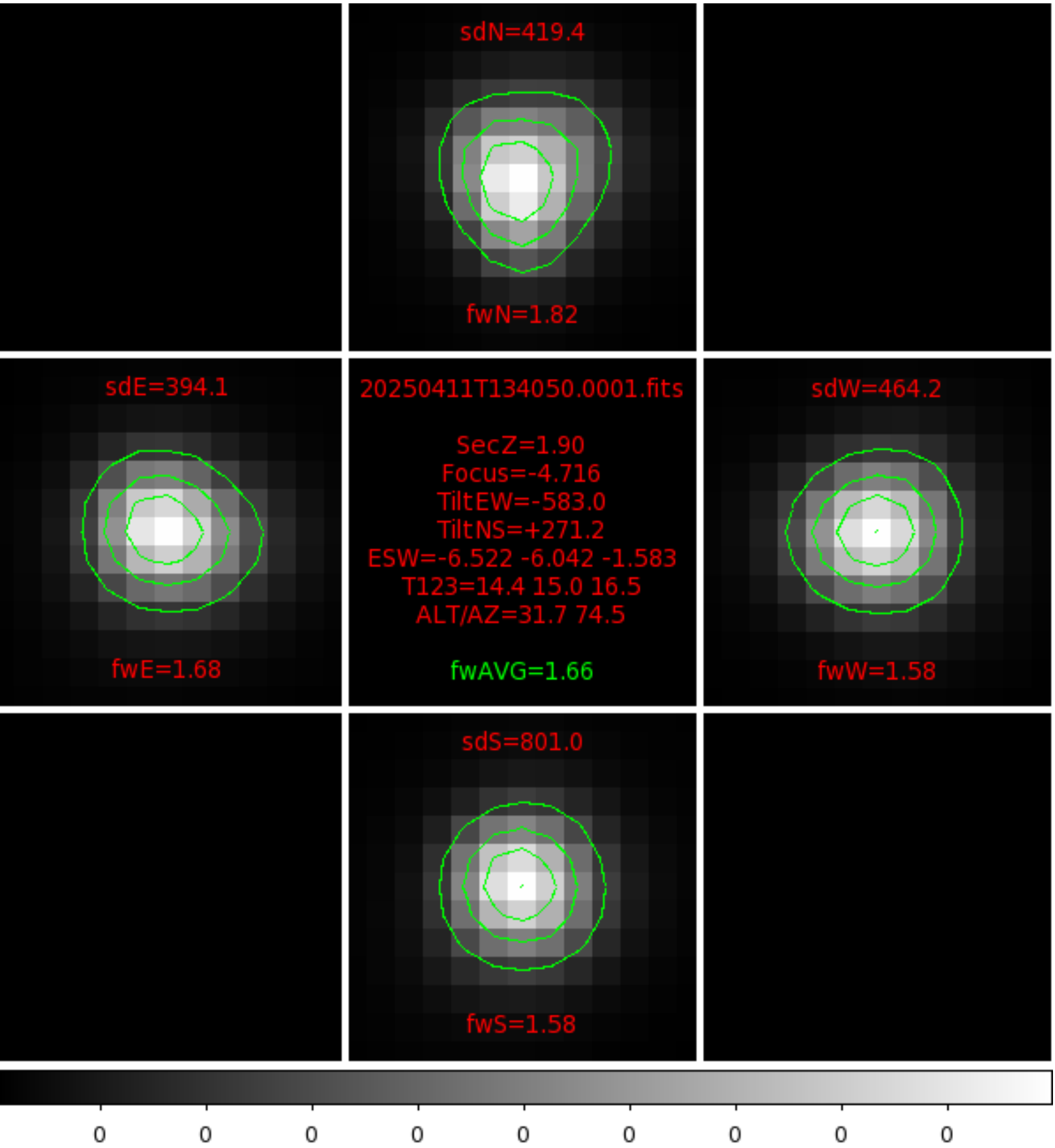
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SecZ=1.90
Focus=-4.716
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.522 -6.042 -1.583
T123=14.4 15.0 16.5
ALT/AZ=31.7 74.5
fwAVG=1.66
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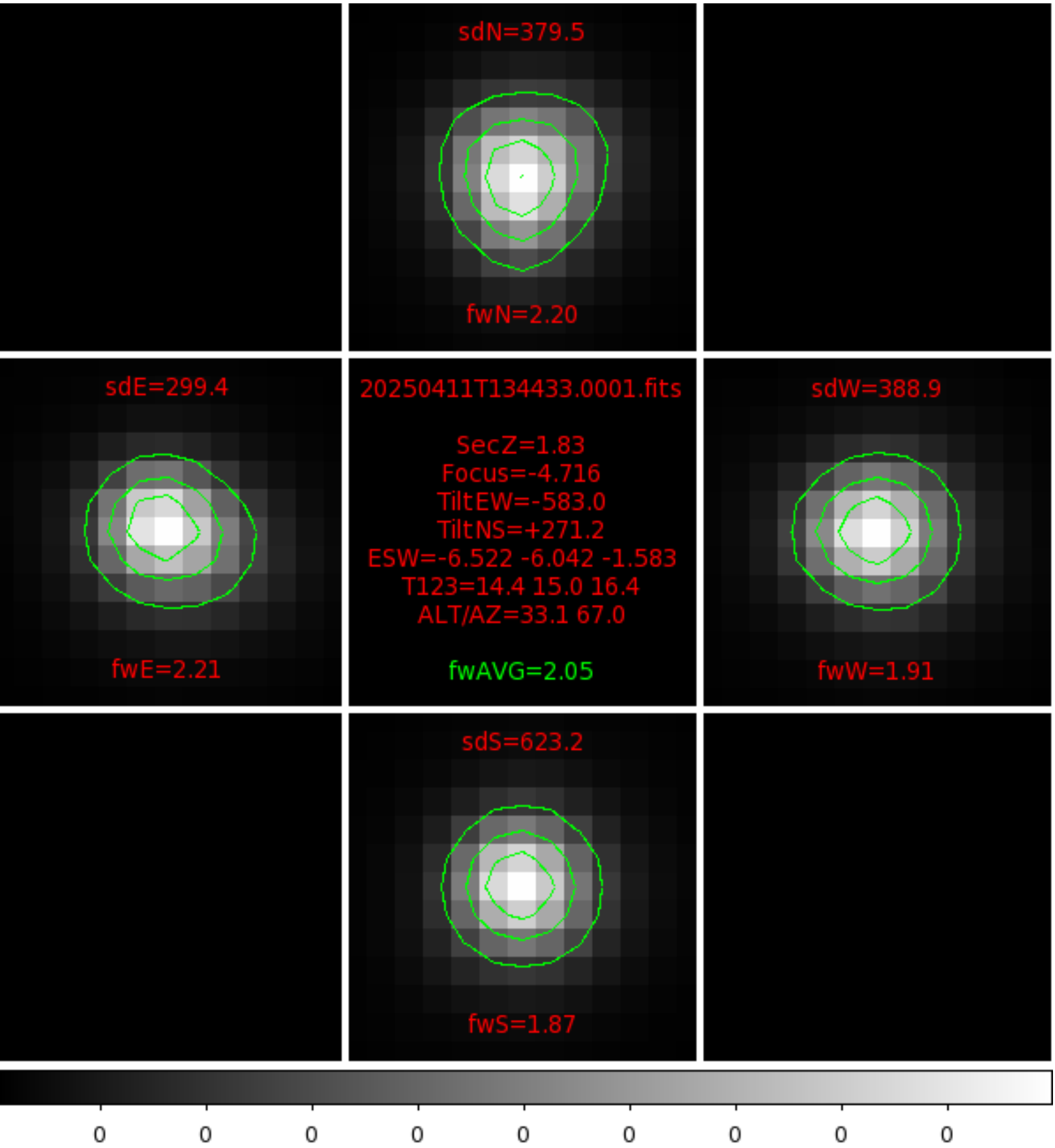
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SecZ=1.83
Focus=-4.716
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.522 -6.042 -1.583
T123=14.4 15.0 16.4
ALT/AZ=33.1 67.0
fwAVG=2.05
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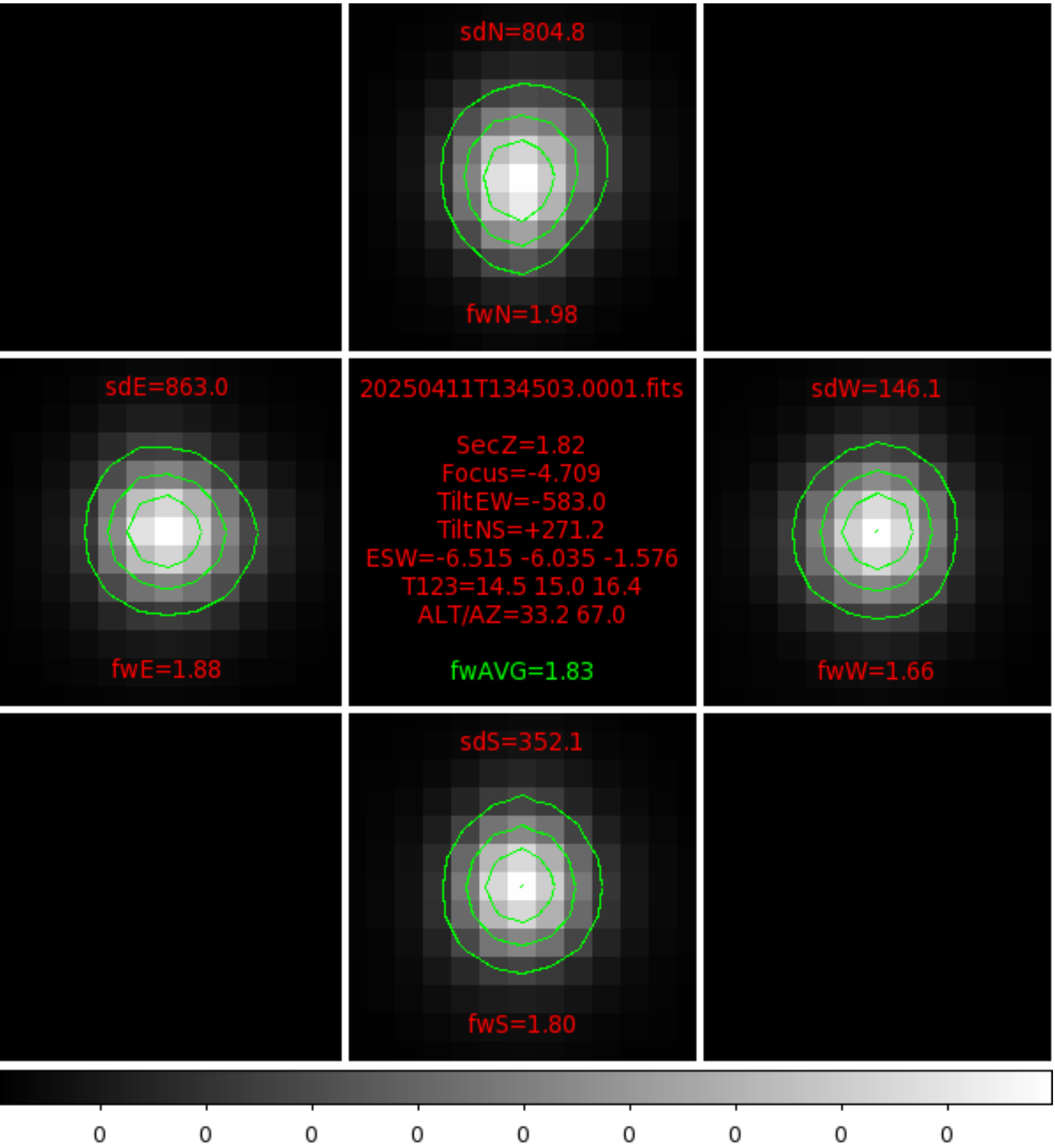
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sdE=863.0
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SecZ=1.82
Focus=-4.709
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.515 -6.035 -1.576
T123=14.5 15.0 16.4
ALT/AZ=33.2 67.0
fwAVG=1.83
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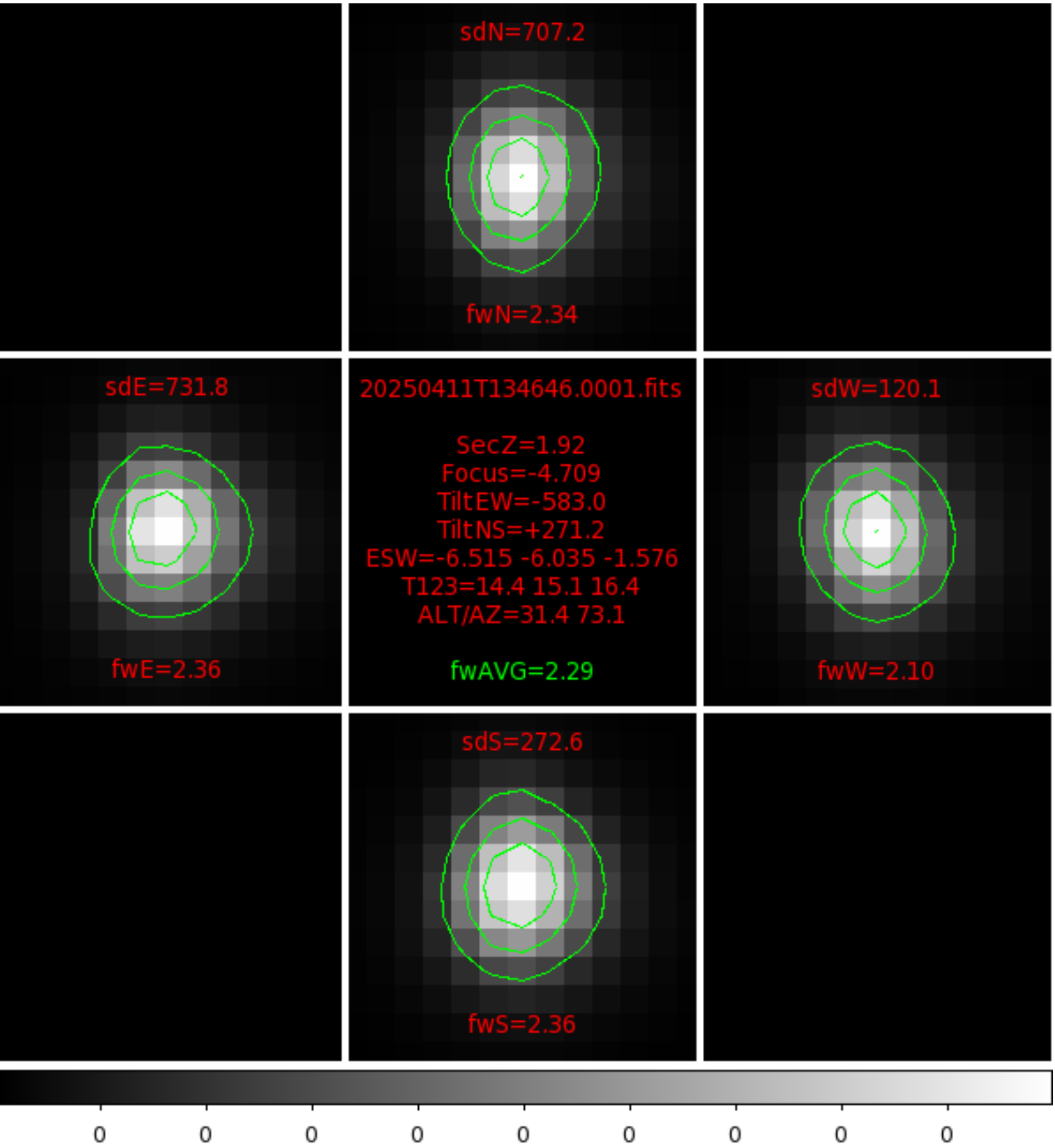
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.515 -6.035 -1.576
T123=14.4 15.1 16.4
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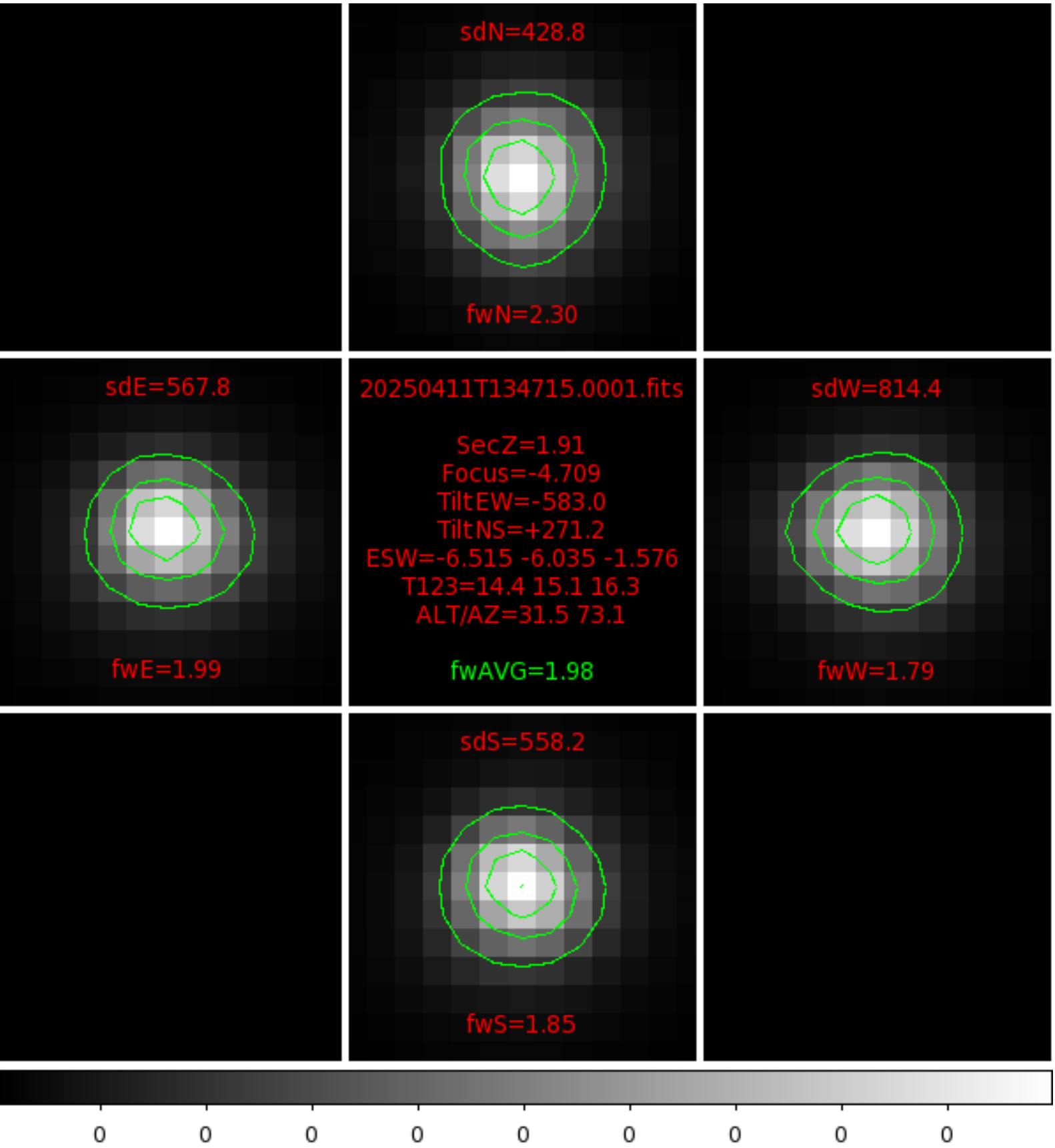
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sdE=567.8
fwE=1.99
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SecZ=1.91
Focus=-4.709
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.515 -6.035 -1.576
T123=14.4 15.1 16.3
ALT/AZ=31.5 73.1
fwAVG=1.98
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sdS=558.2
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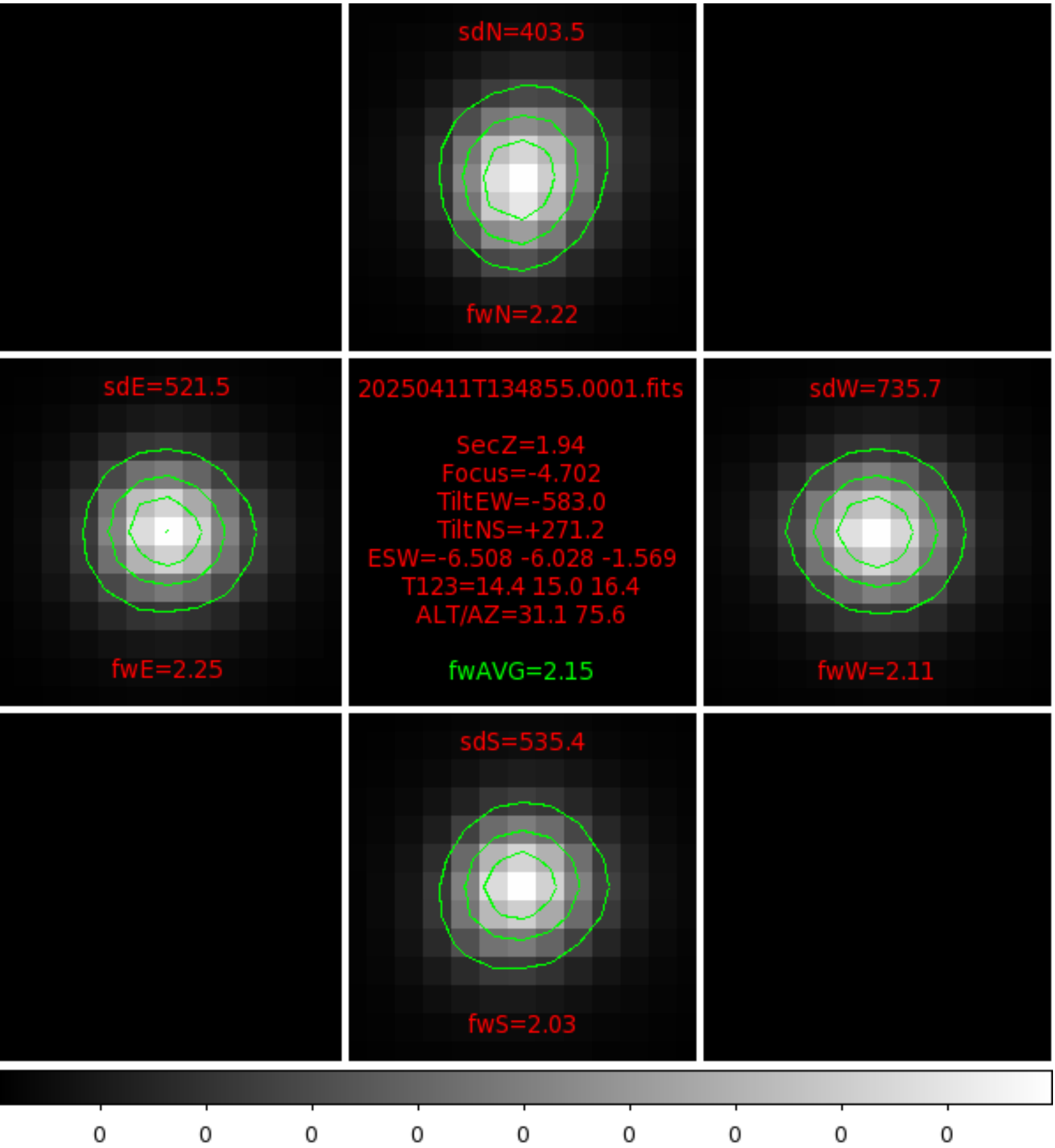
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sdE=521.5
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20250411T134855.0001.fits
SecZ=1.94
Focus=-4.702
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.508 -6.028 -1.569
T123=14.4 15.0 16.4
ALT/AZ=31.1 75.6
fwAVG=2.15
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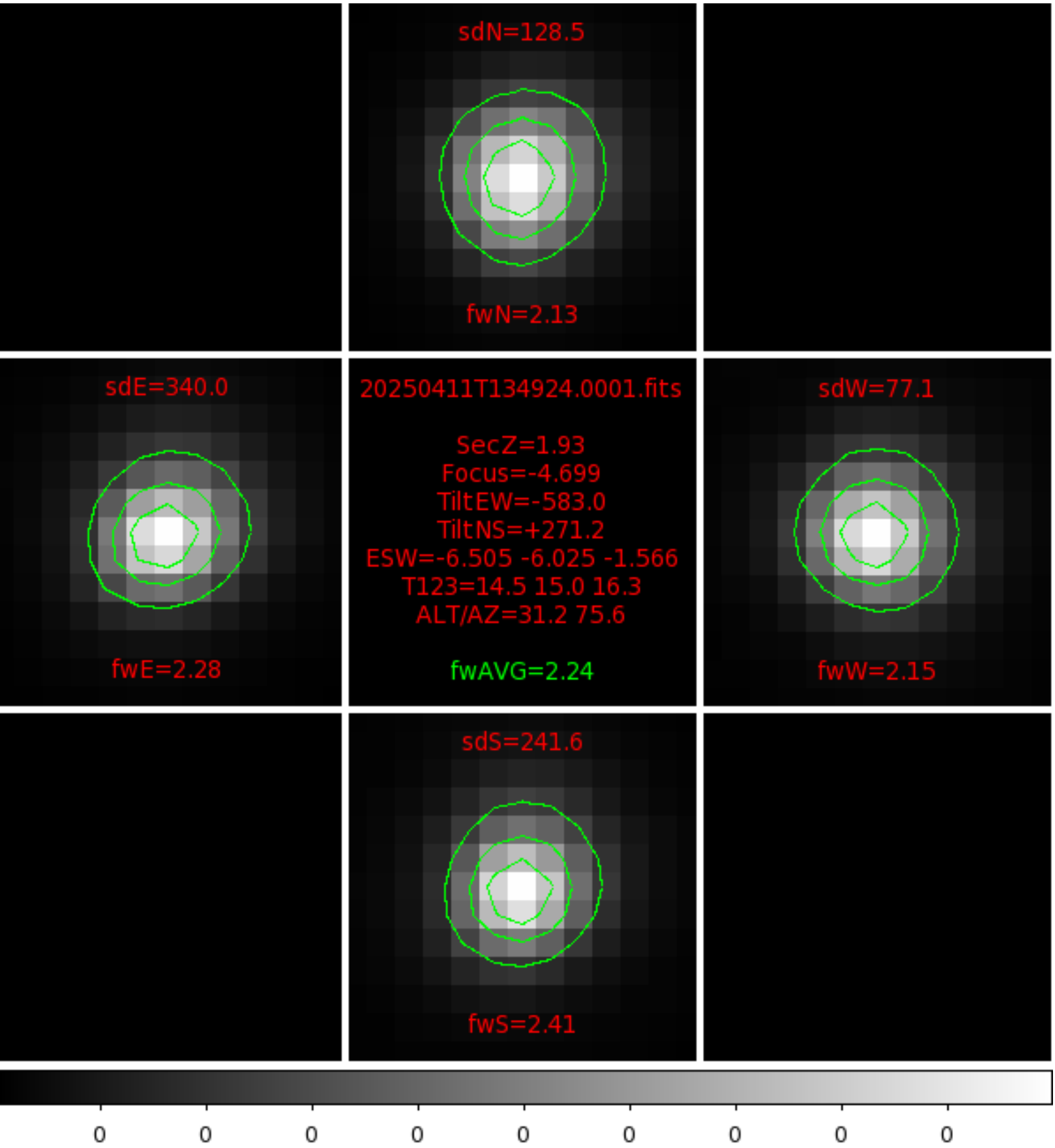
sdN=128.5
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sdE=340.0
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20250411T134924.0001.fits
SecZ=1.93
Focus=-4.699
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.505 -6.025 -1.566
T123=14.5 15.0 16.3
ALT/AZ=31.2 75.6
fwAVG=2.24
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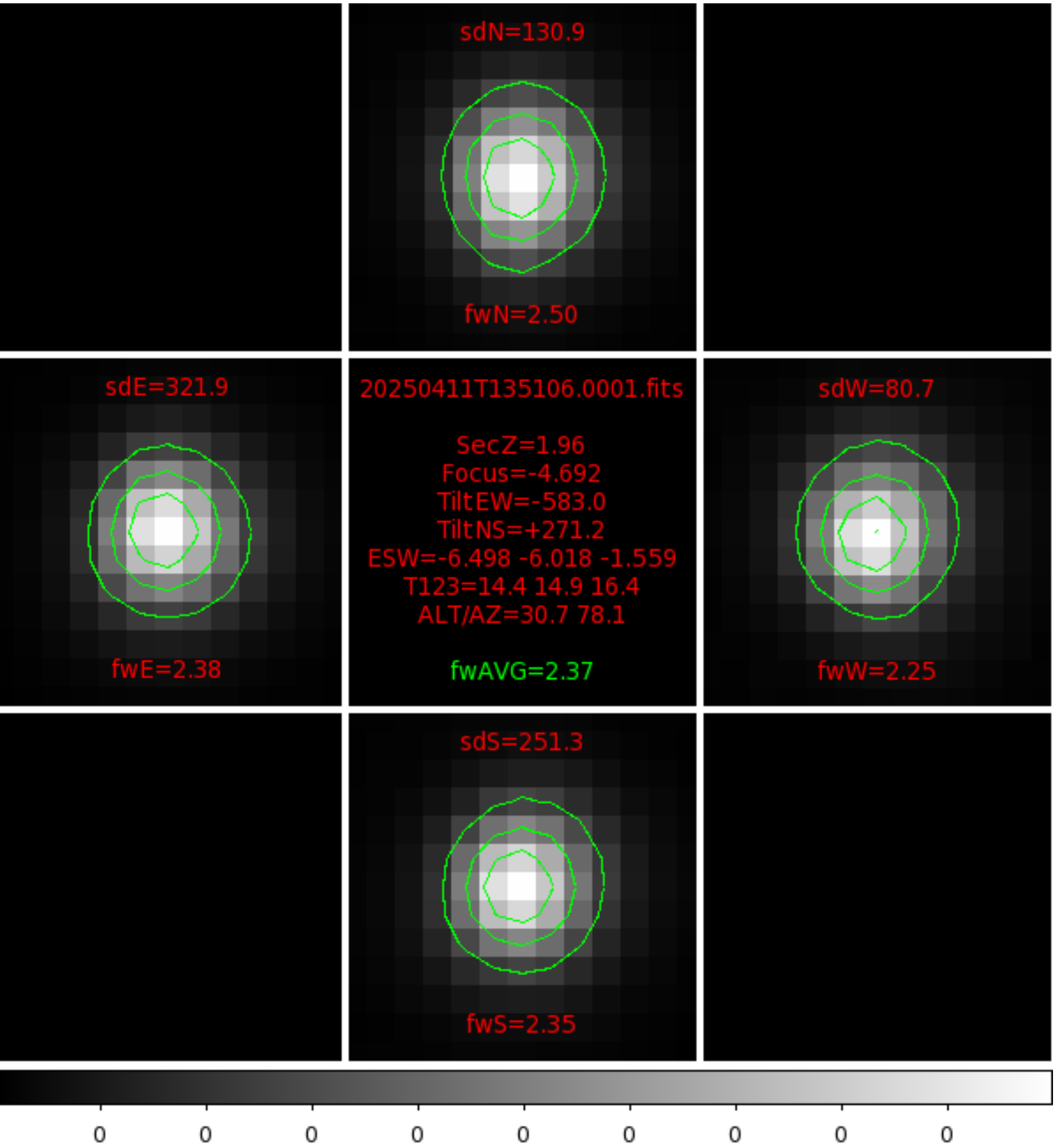
sdN=130.9
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fwE=2.38
20250411T135106.0001.fits
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Focus=-4.692
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.498 -6.018 -1.559
T123=14.4 14.9 16.4
ALT/AZ=30.7 78.1
fwAVG=2.37
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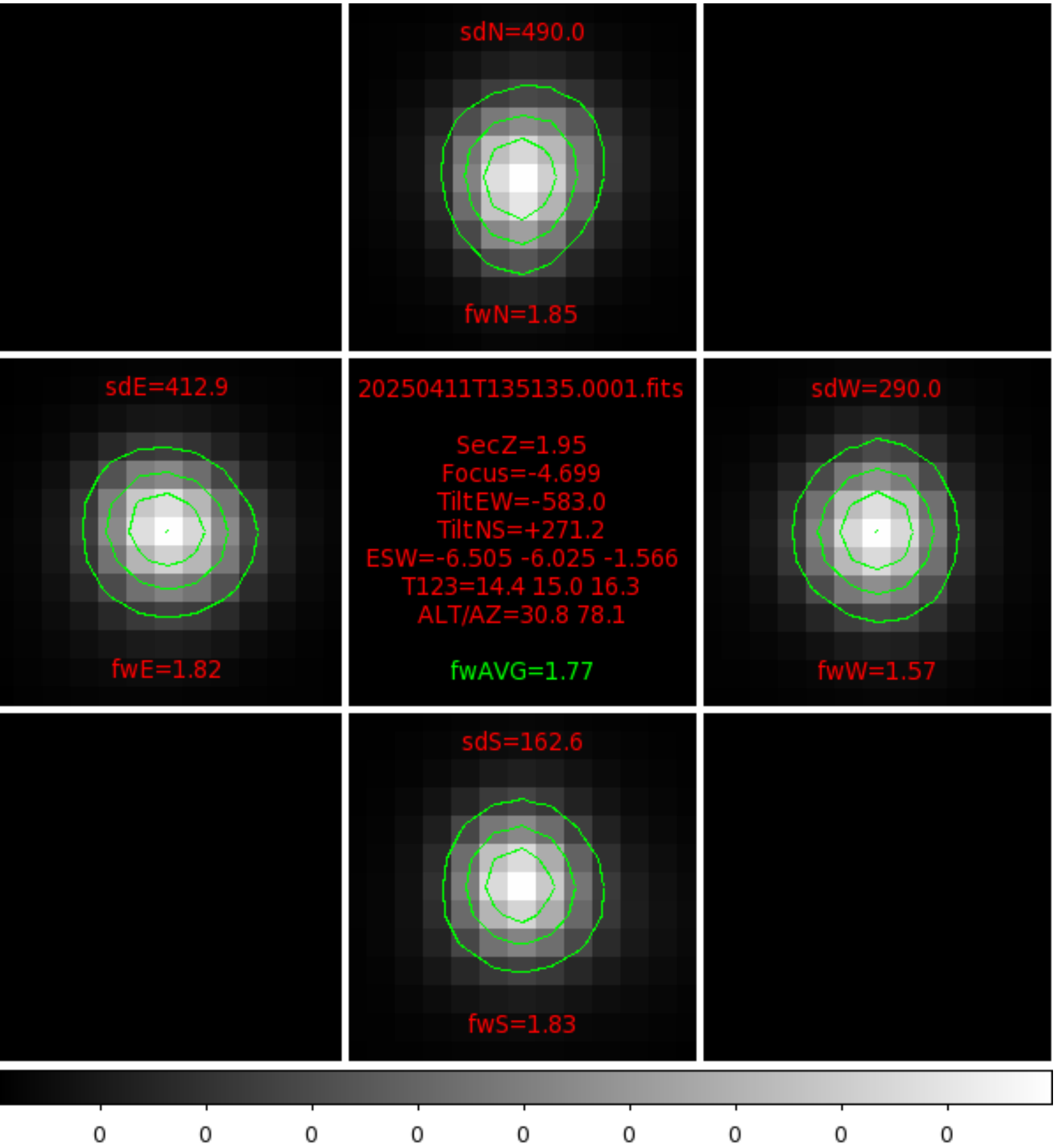
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SecZ=1.95
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.505 -6.025 -1.566
T123=14.4 15.0 16.3
ALT/AZ=30.8 78.1
fwAVG=1.77
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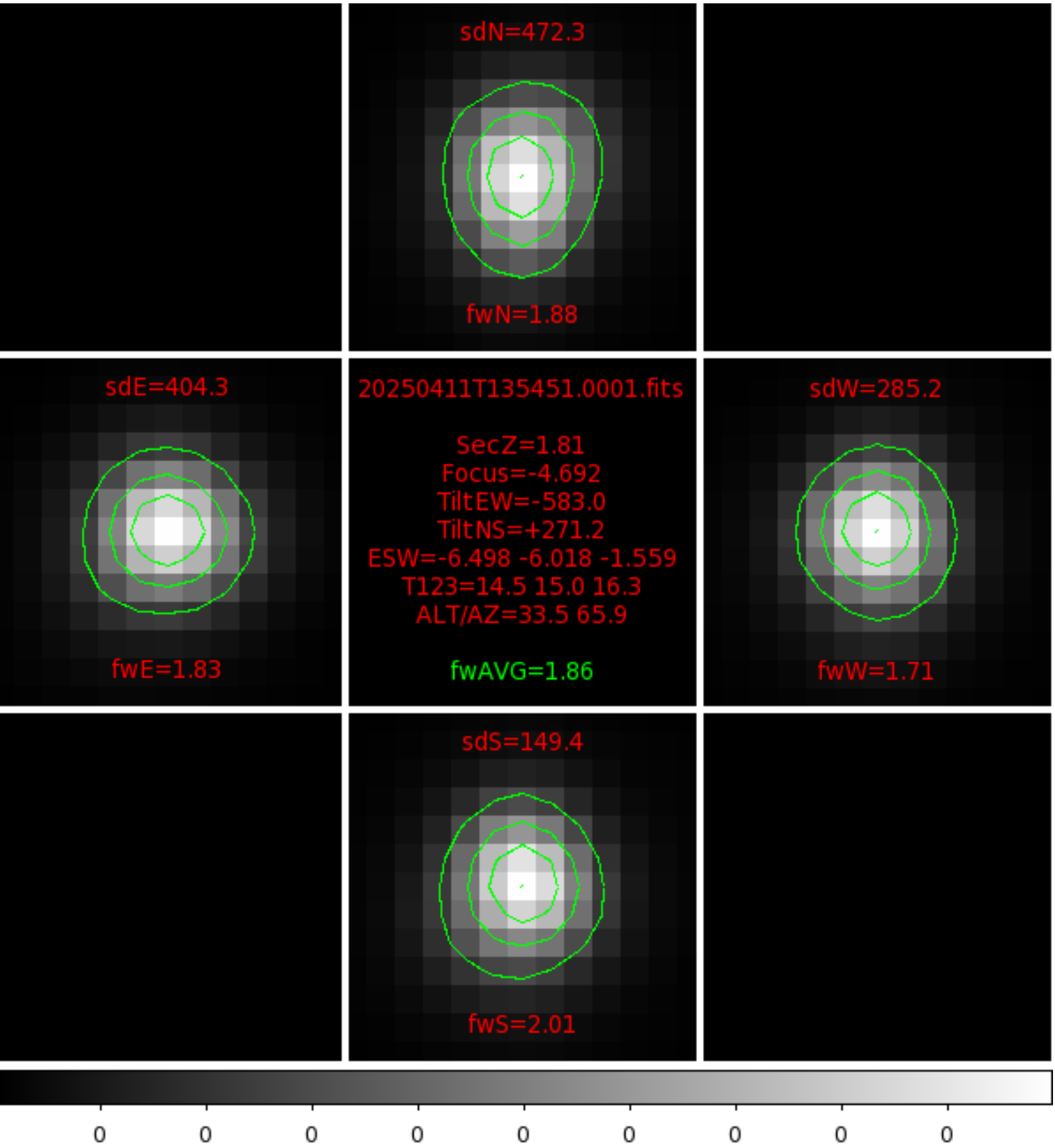
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sdE=404.3
fwE=1.83
20250411T135451.0001.fits
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.498 -6.018 -1.559
T123=14.5 15.0 16.3
ALT/AZ=33.5 65.9
fwAVG=1.86
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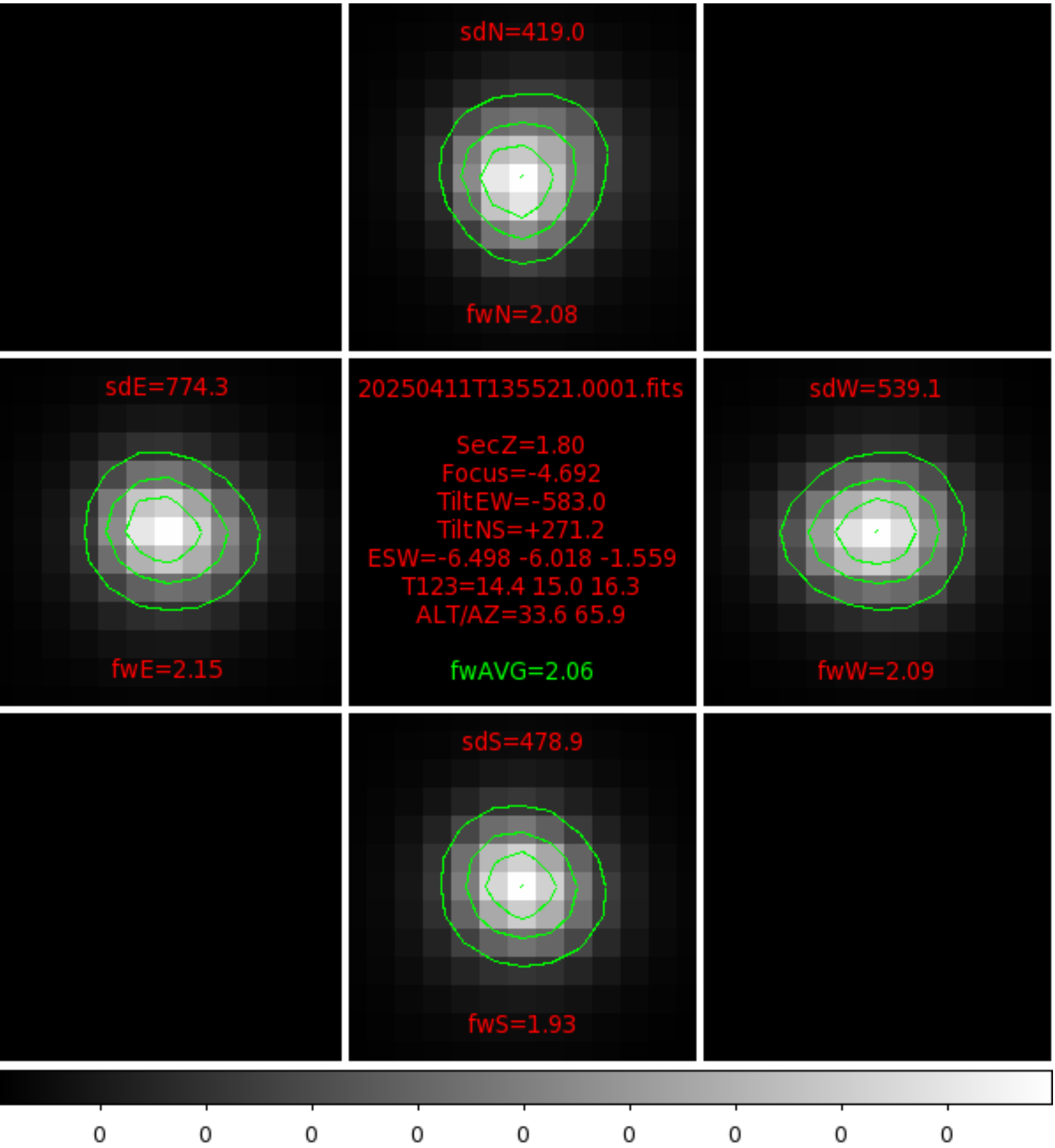
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.498 -6.018 -1.559
T123=14.4 15.0 16.3
ALT/AZ=33.6 65.9
fwAVG=2.06
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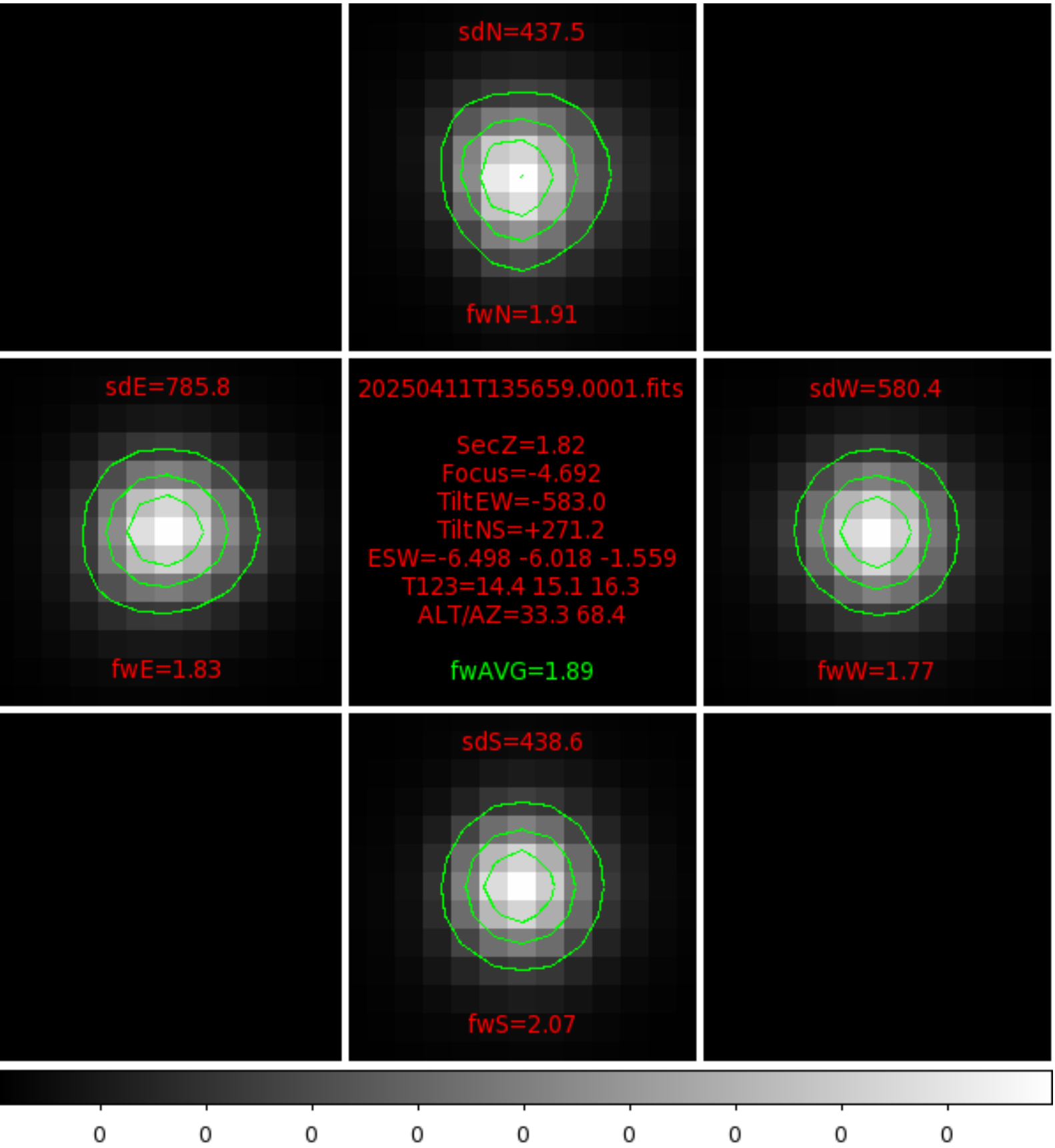
sdN=437.5
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sdE=785.8
fwE=1.83
20250411T135659.0001.fits
SecZ=1.82
Focus=-4.692
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.498 -6.018 -1.559
T123=14.4 15.1 16.3
ALT/AZ=33.3 68.4
fwAVG=1.89
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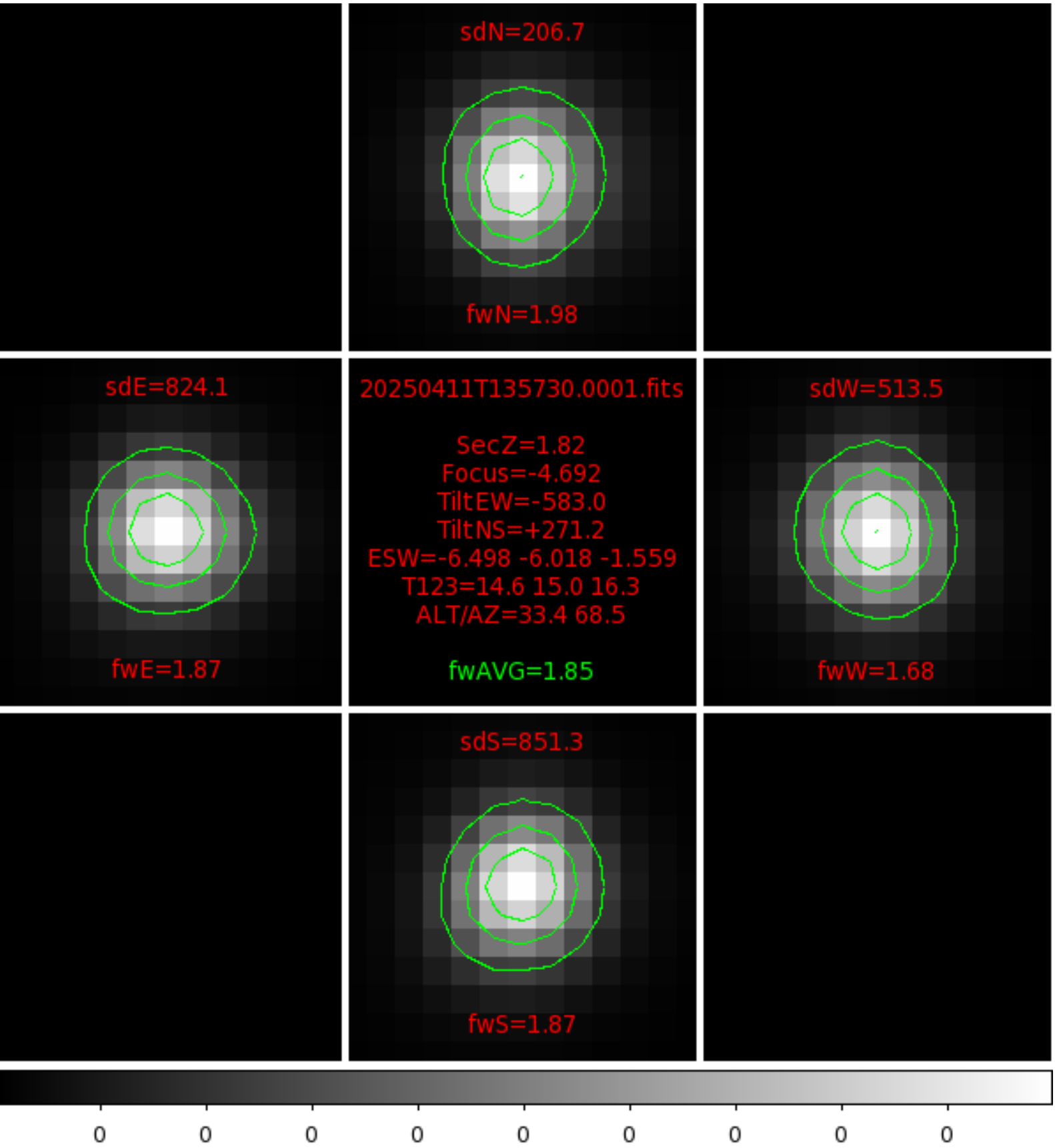
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sdE=824.1
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SecZ=1.82
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.498 -6.018 -1.559
T123=14.6 15.0 16.3
ALT/AZ=33.4 68.5
fwAVG=1.85
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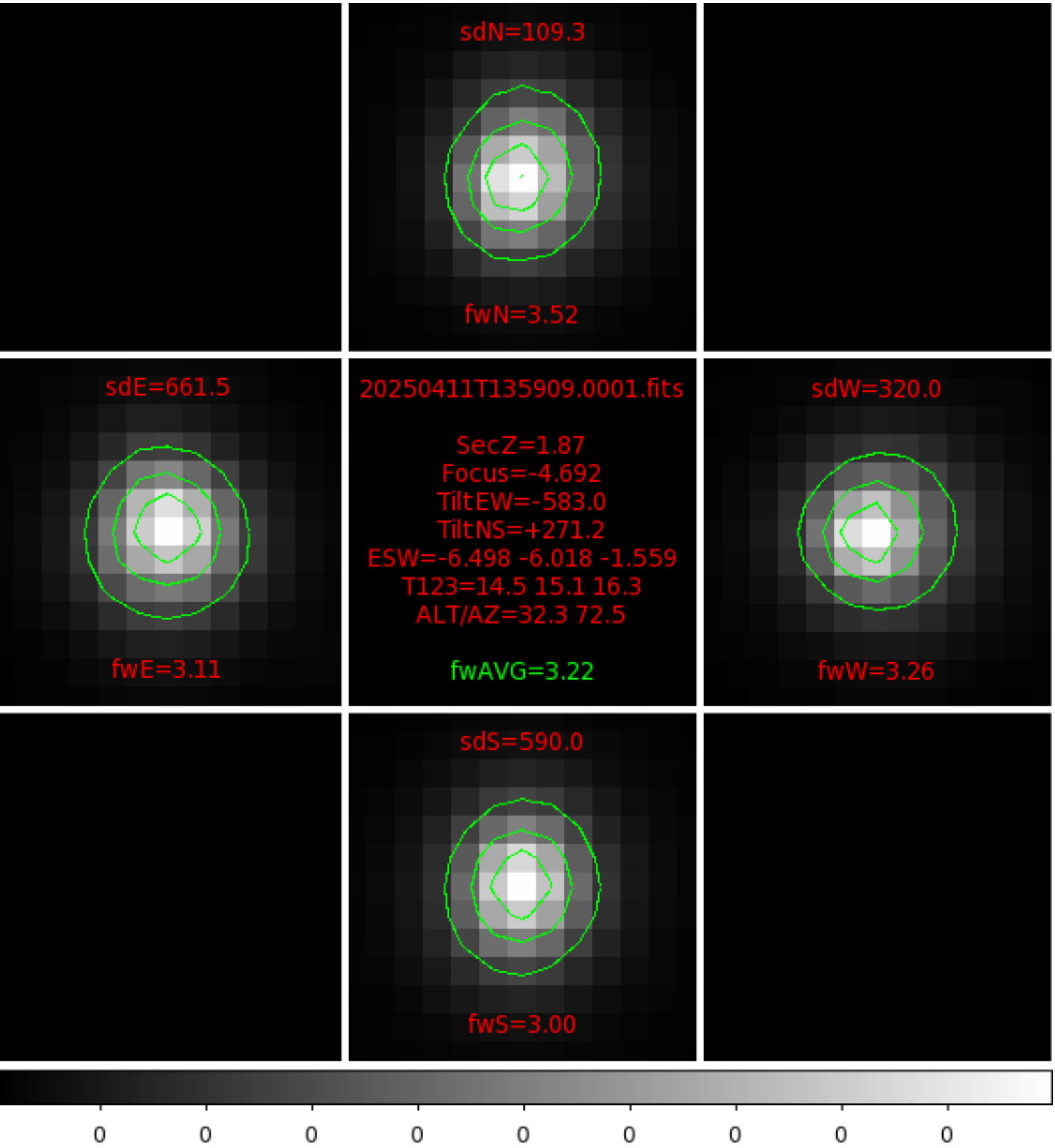
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.498 -6.018 -1.559
T123=14.5 15.1 16.3
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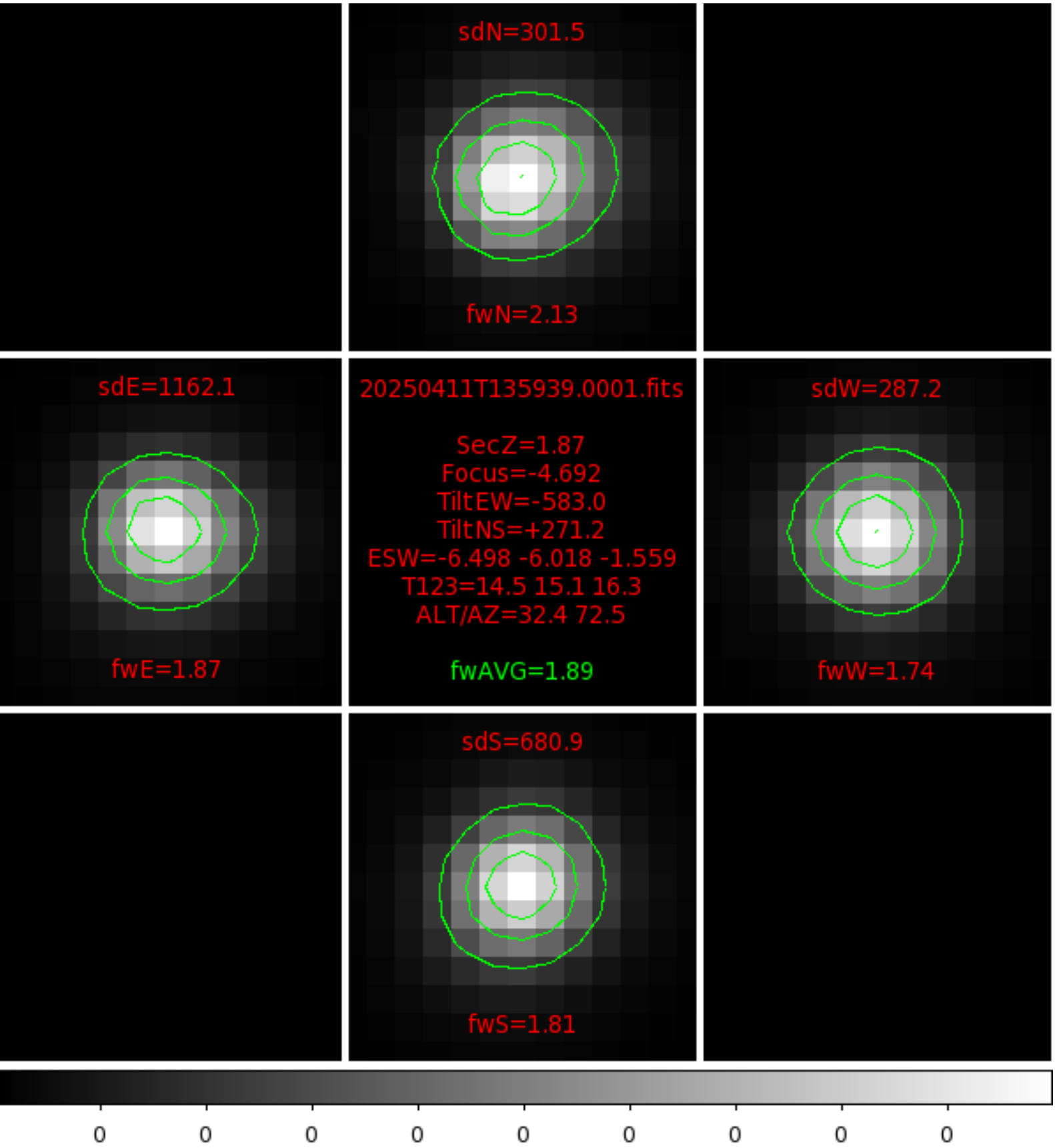
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SecZ=1.87
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.498 -6.018 -1.559
T123=14.5 15.1 16.3
ALT/AZ=32.4 72.5
fwAVG=1.89
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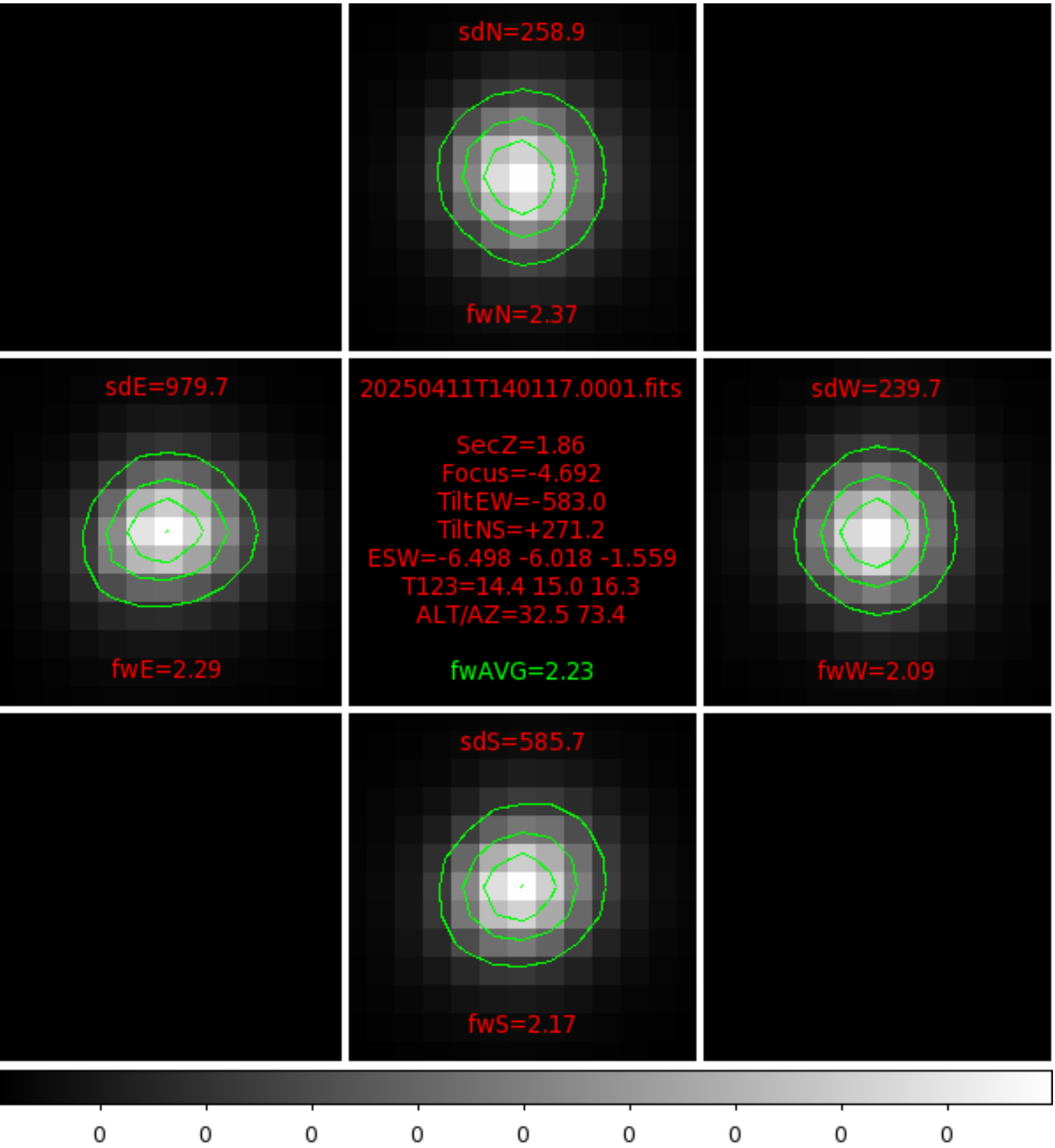
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sdE=979.7
fwE=2.29
20250411T140117.0001.fits
SecZ=1.86
Focus=-4.692
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.498 -6.018 -1.559
T123=14.4 15.0 16.3
ALT/AZ=32.5 73.4
fwAVG=2.23
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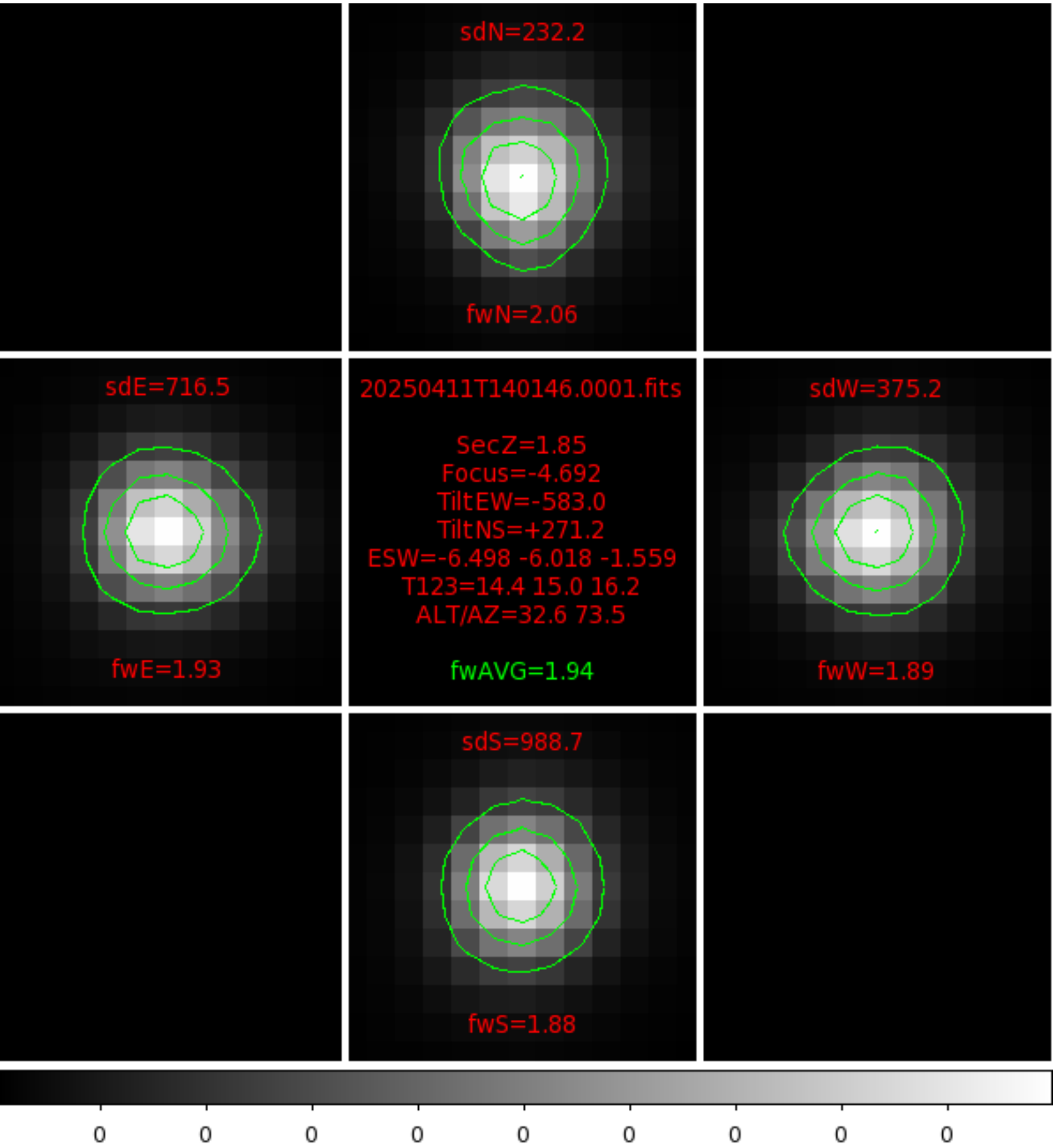
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sdE=716.5
fwE=1.93
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SecZ=1.85
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.498 -6.018 -1.559
T123=14.4 15.0 16.2
ALT/AZ=32.6 73.5
fwAVG=1.94
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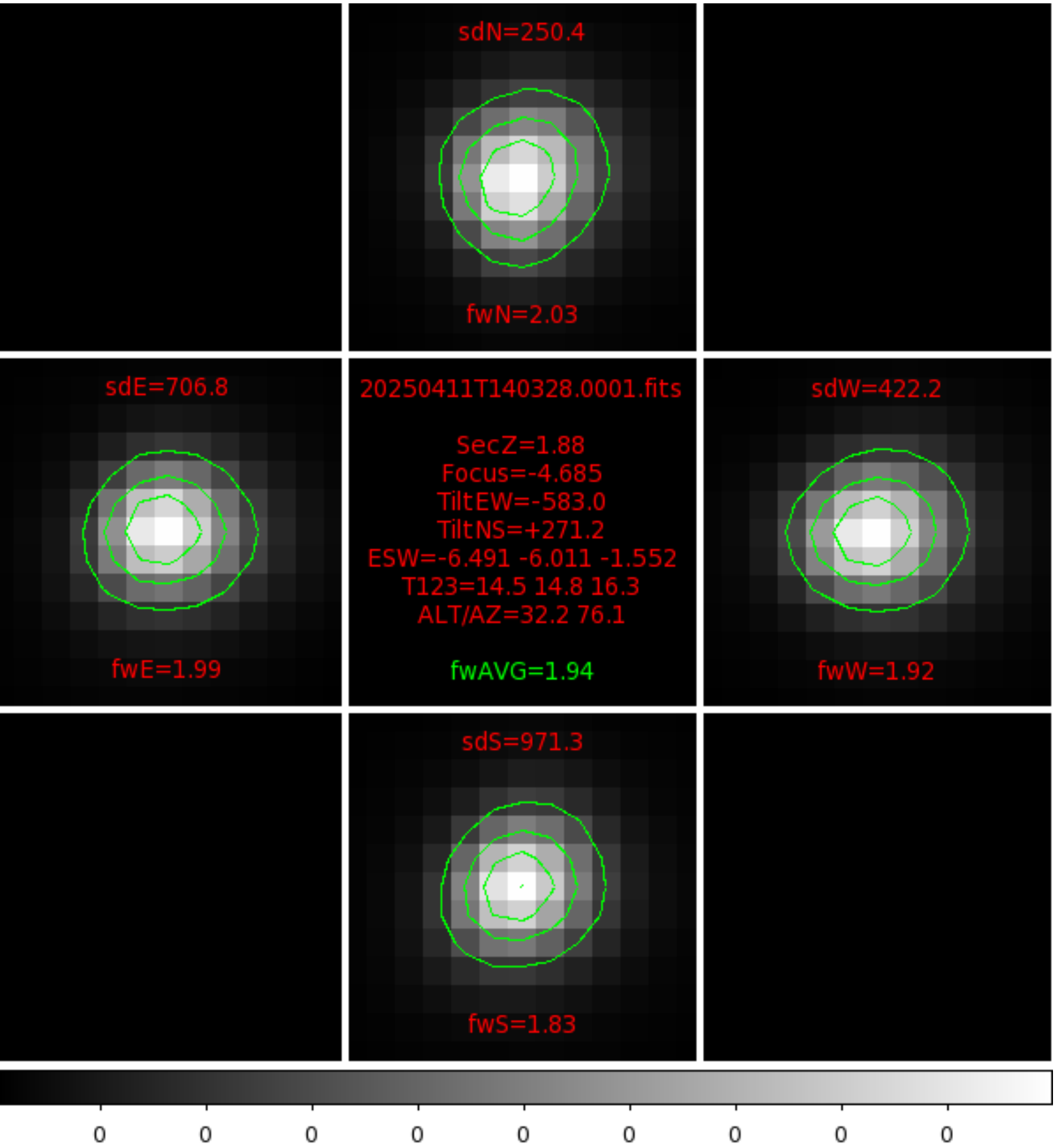
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sdE=706.8
fwE=1.99
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SecZ=1.88
Focus=-4.685
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.491 -6.011 -1.552
T123=14.5 14.8 16.3
ALT/AZ=32.2 76.1
fwAVG=1.94
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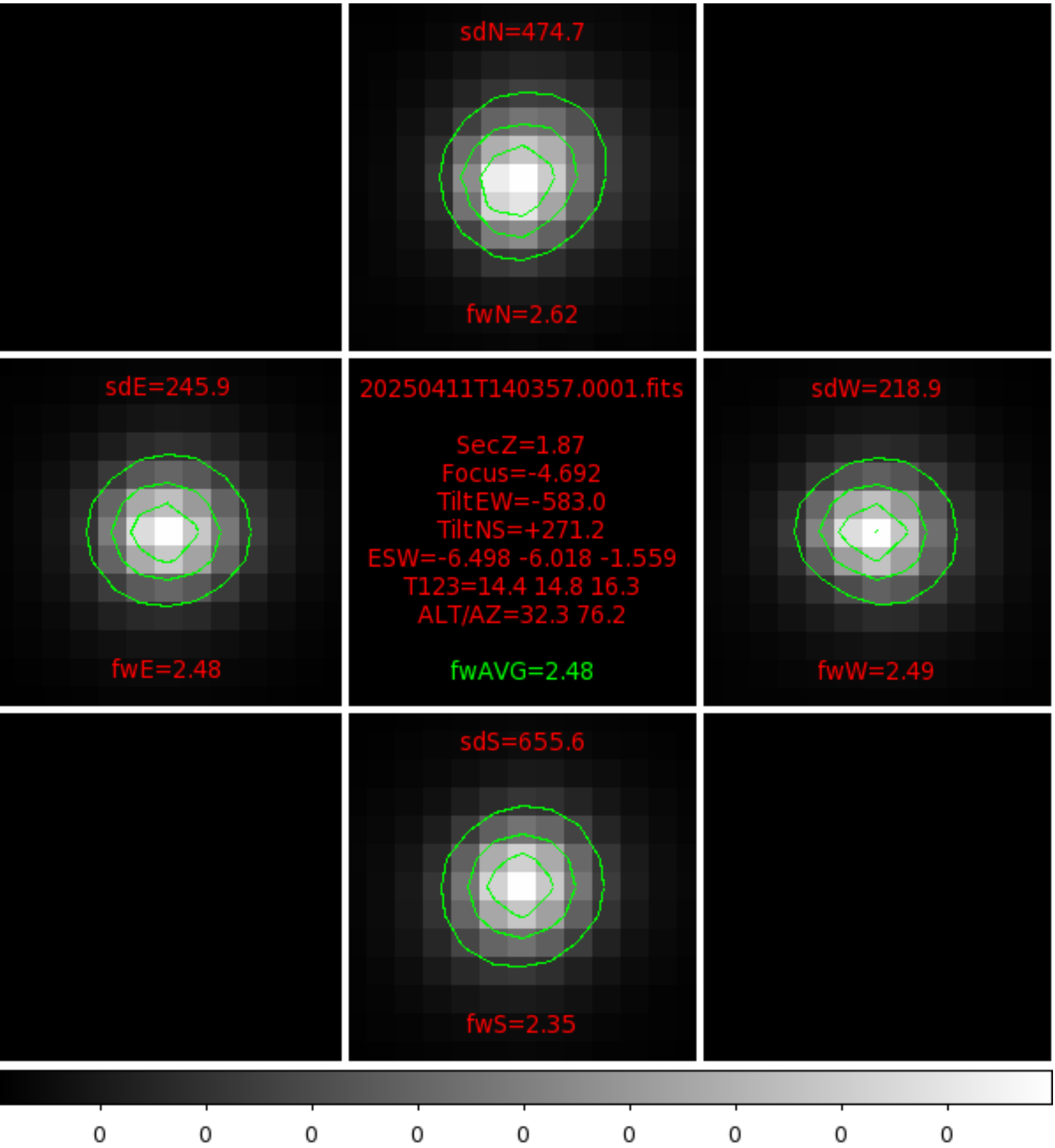
sdN=474.7
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sdE=245.9
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20250411T140357.0001.fits
SecZ=1.87
Focus=-4.692
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TiltNS=+271.2
ESW=-6.498 -6.018 -1.559
T123=14.4 14.8 16.3
ALT/AZ=32.3 76.2
fwAVG=2.48
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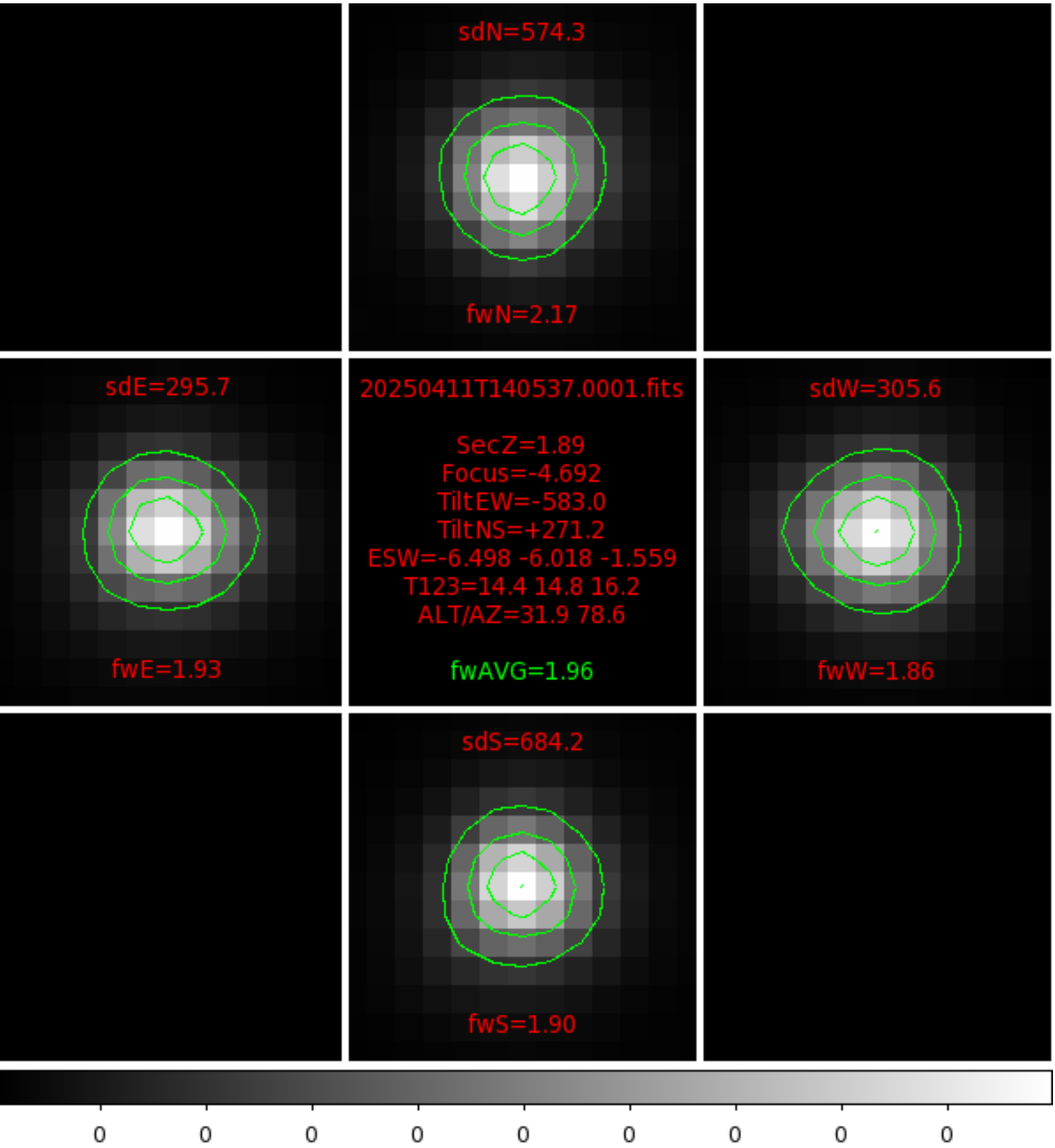
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sdE=295.7
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SecZ=1.89
Focus=-4.692
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.498 -6.018 -1.559
T123=14.4 14.8 16.2
ALT/AZ=31.9 78.6
fwAVG=1.96
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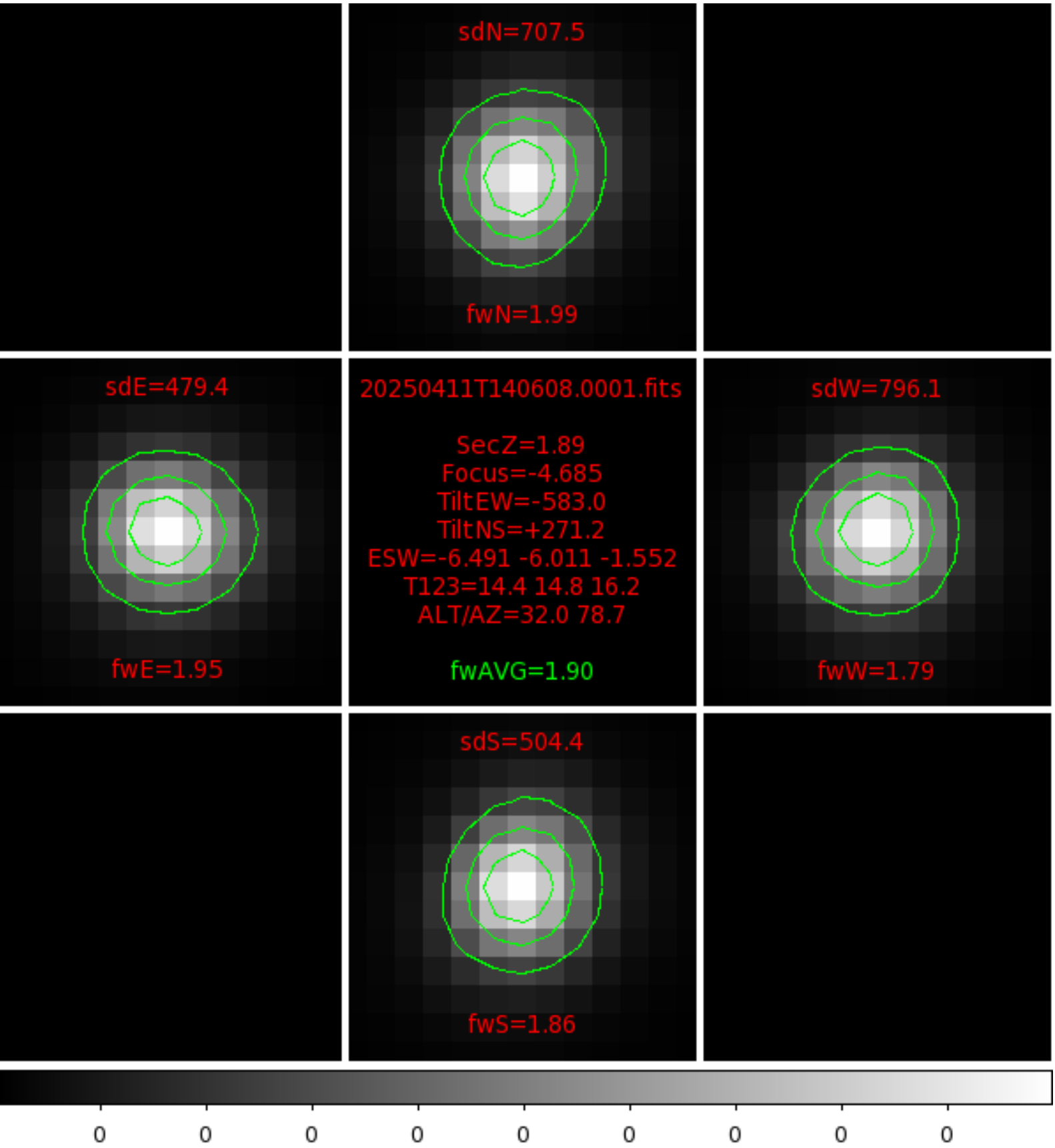
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SecZ=1.89
Focus=-4.685
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.491 -6.011 -1.552
T123=14.4 14.8 16.2
ALT/AZ=32.0 78.7
fwAVG=1.90
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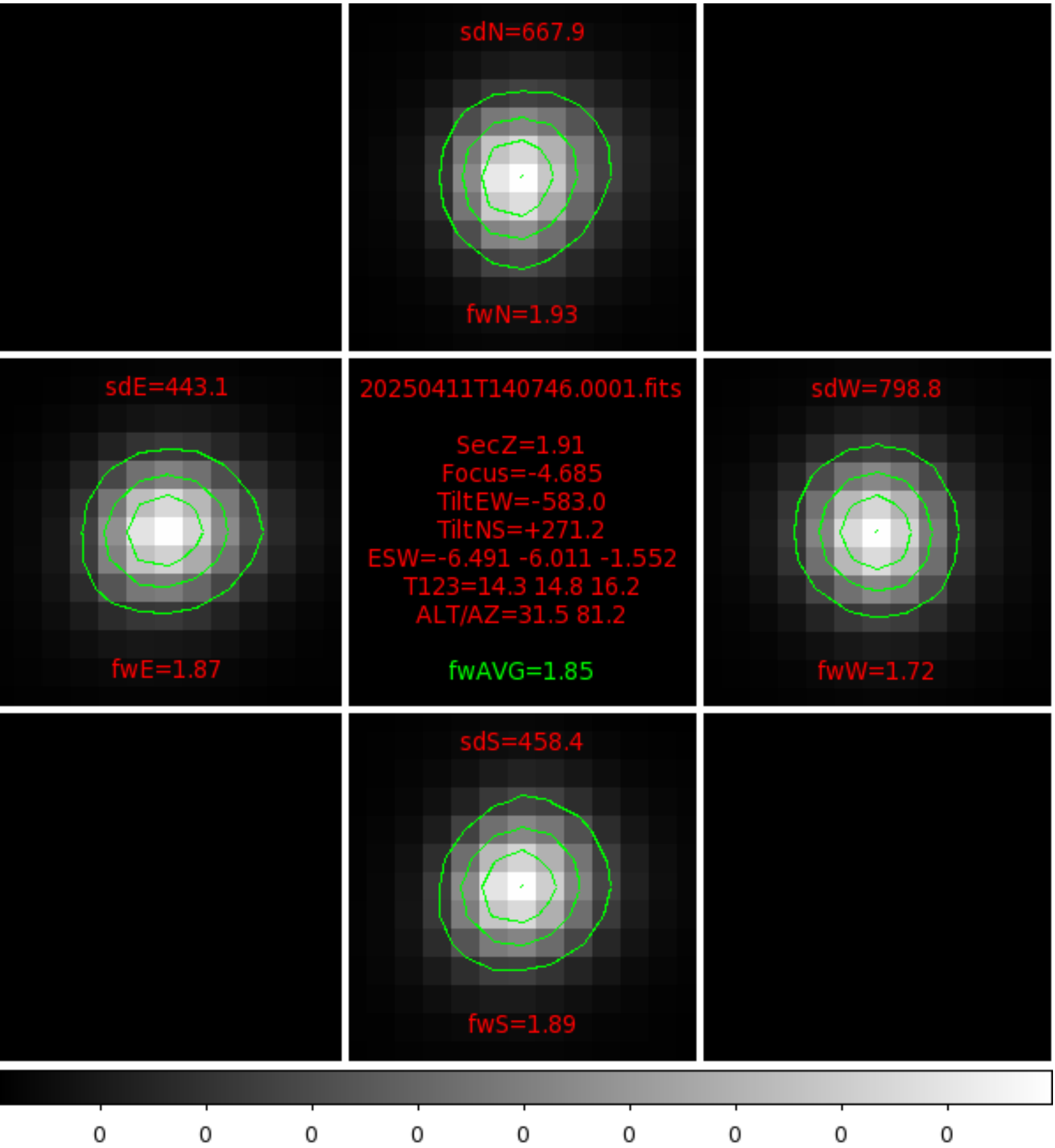
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SecZ=1.91
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TiltNS=+271.2
ESW=-6.491 -6.011 -1.552
T123=14.3 14.8 16.2
ALT/AZ=31.5 81.2
fwAVG=1.85
sdW=798.8
fwW=1.72
sdS=458.4
fwS=1.89
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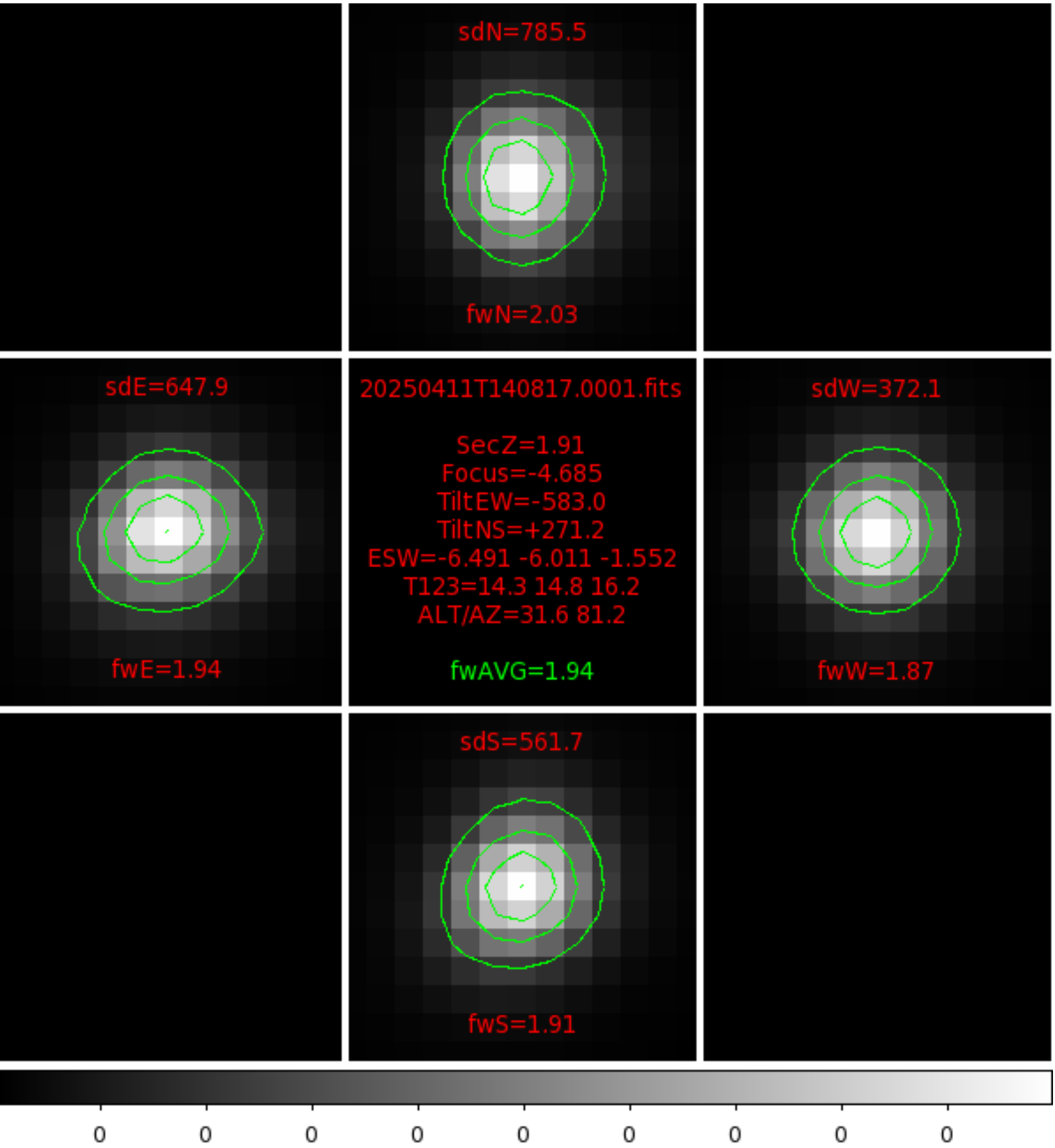
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T123=14.3 14.8 16.2
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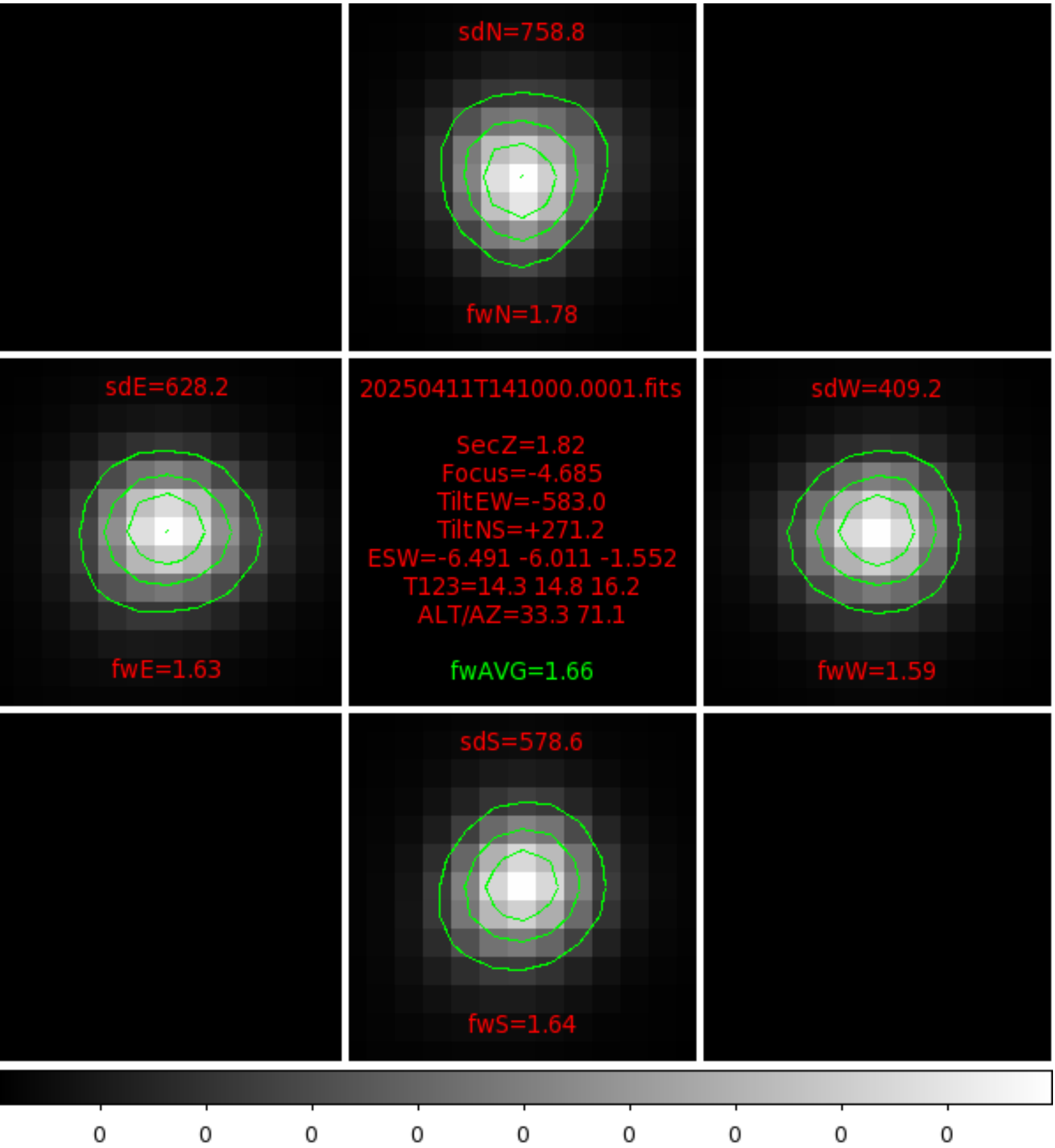
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T123=14.3 14.8 16.2
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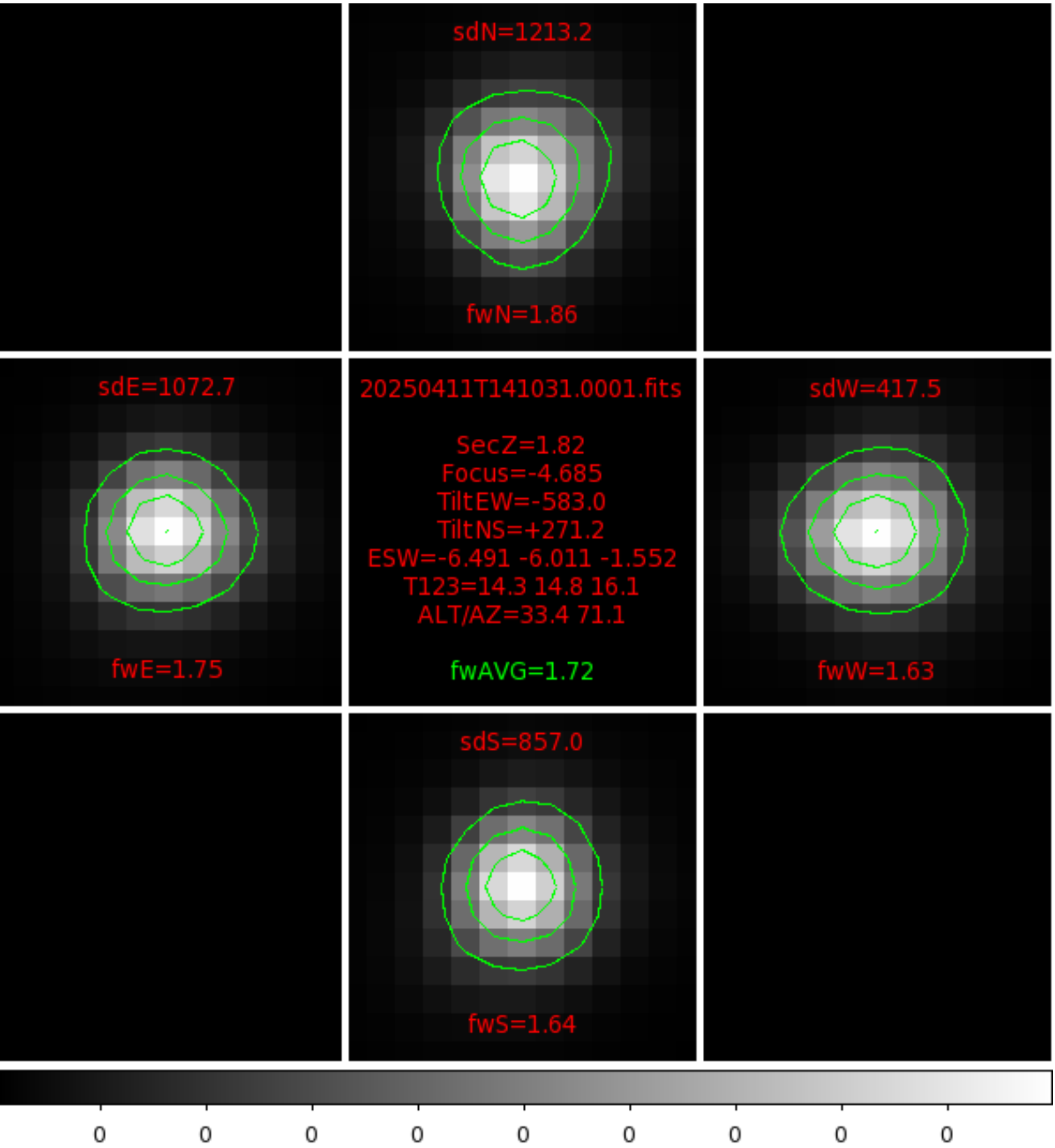
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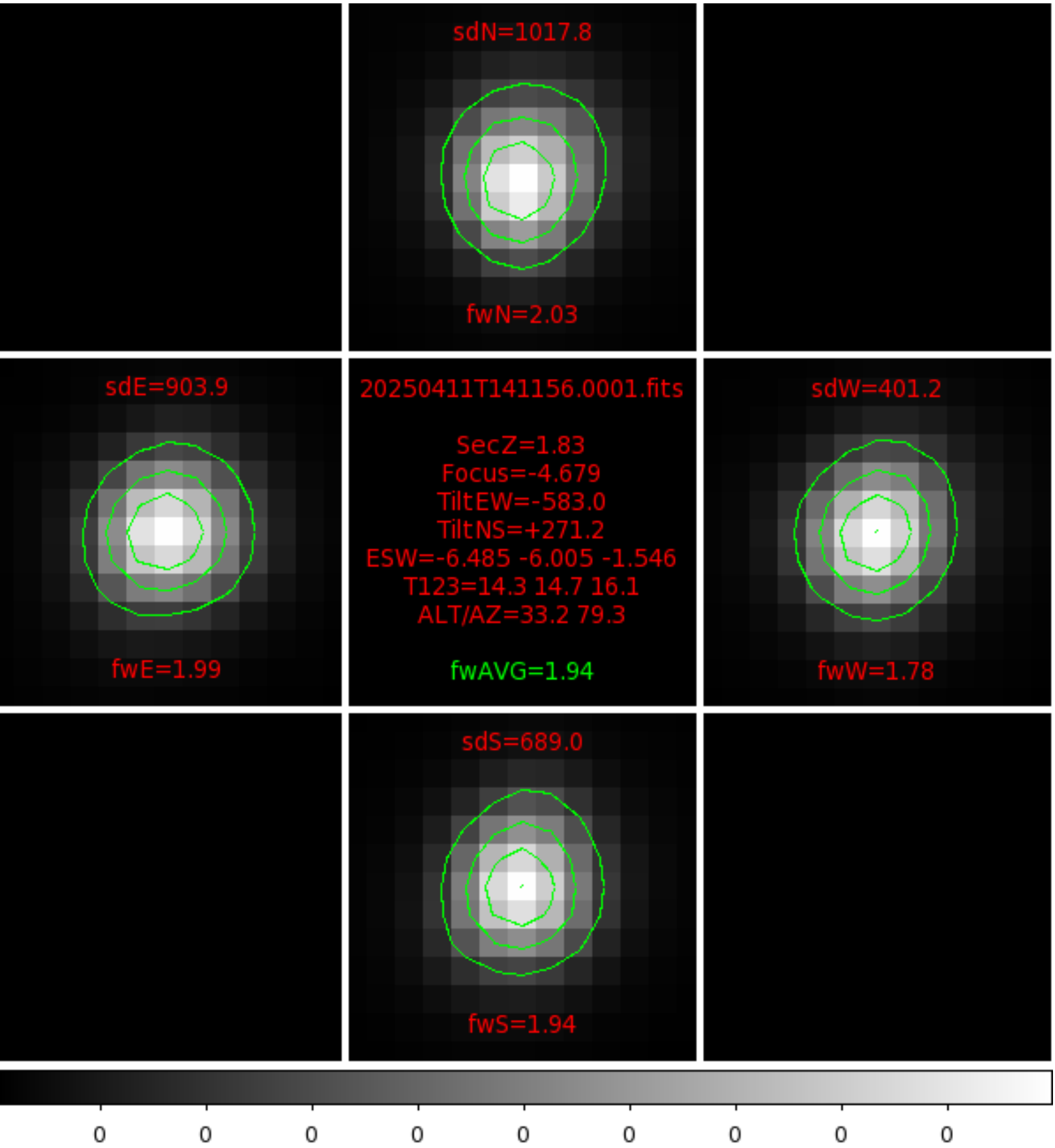
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T123=14.3 14.7 16.1
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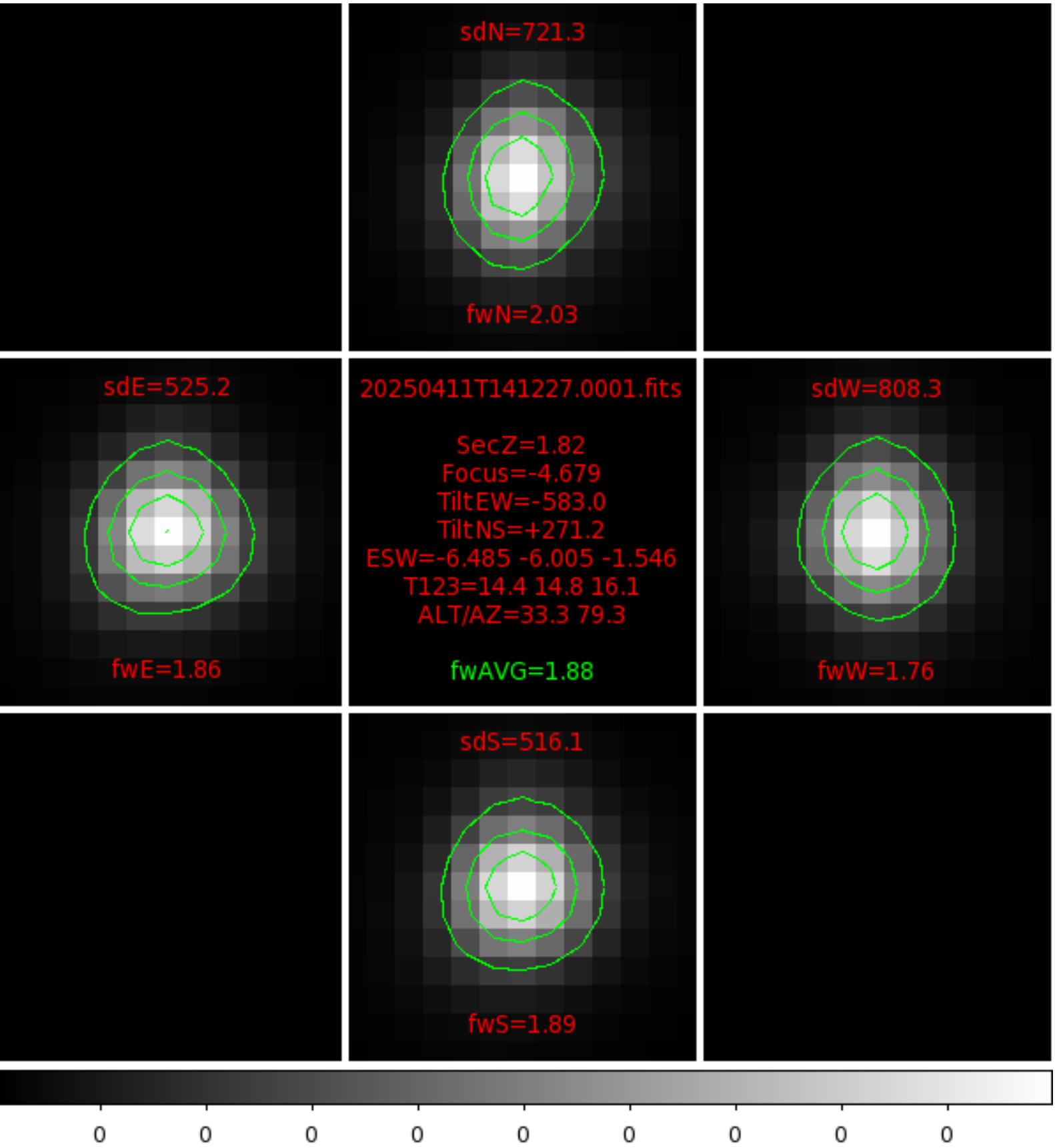
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T123=14.4 14.8 16.1
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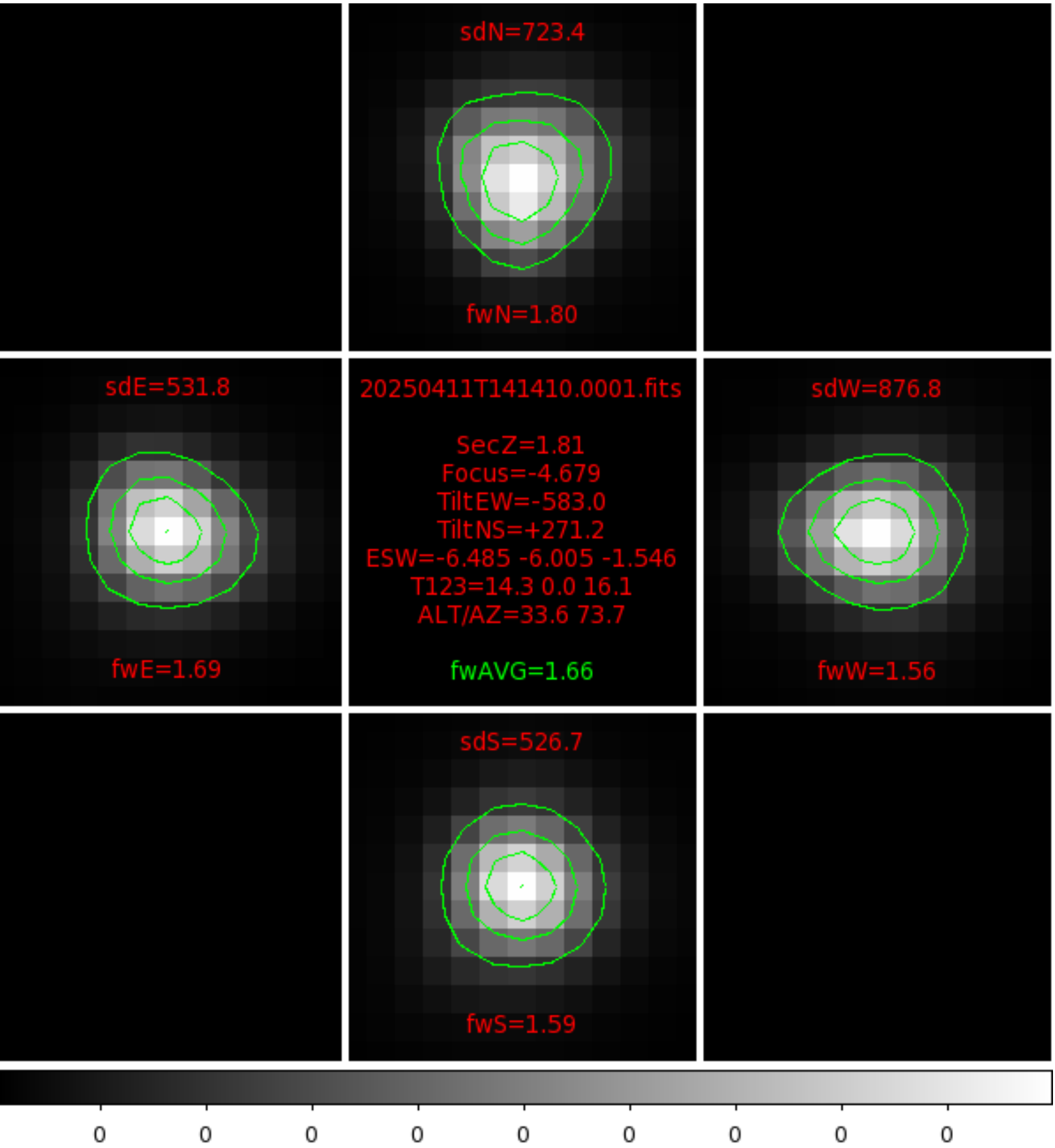
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TiltEW=-583.0
TiltNS=+271.2
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T123=14.3 0.0 16.1
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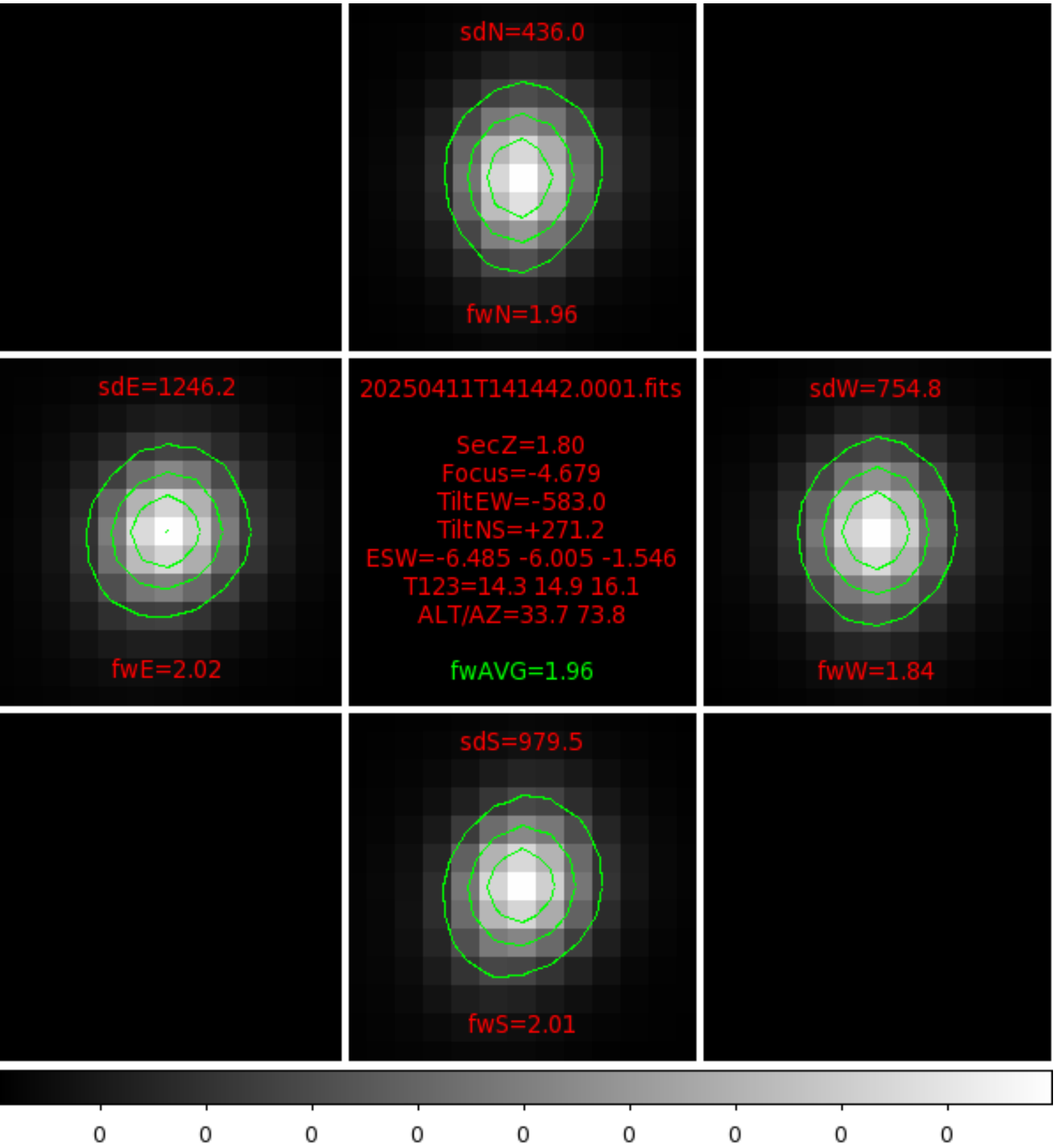
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Focus=-4.679
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.485 -6.005 -1.546
T123=14.3 14.9 16.1
ALT/AZ=33.7 73.8
fwAVG=1.96
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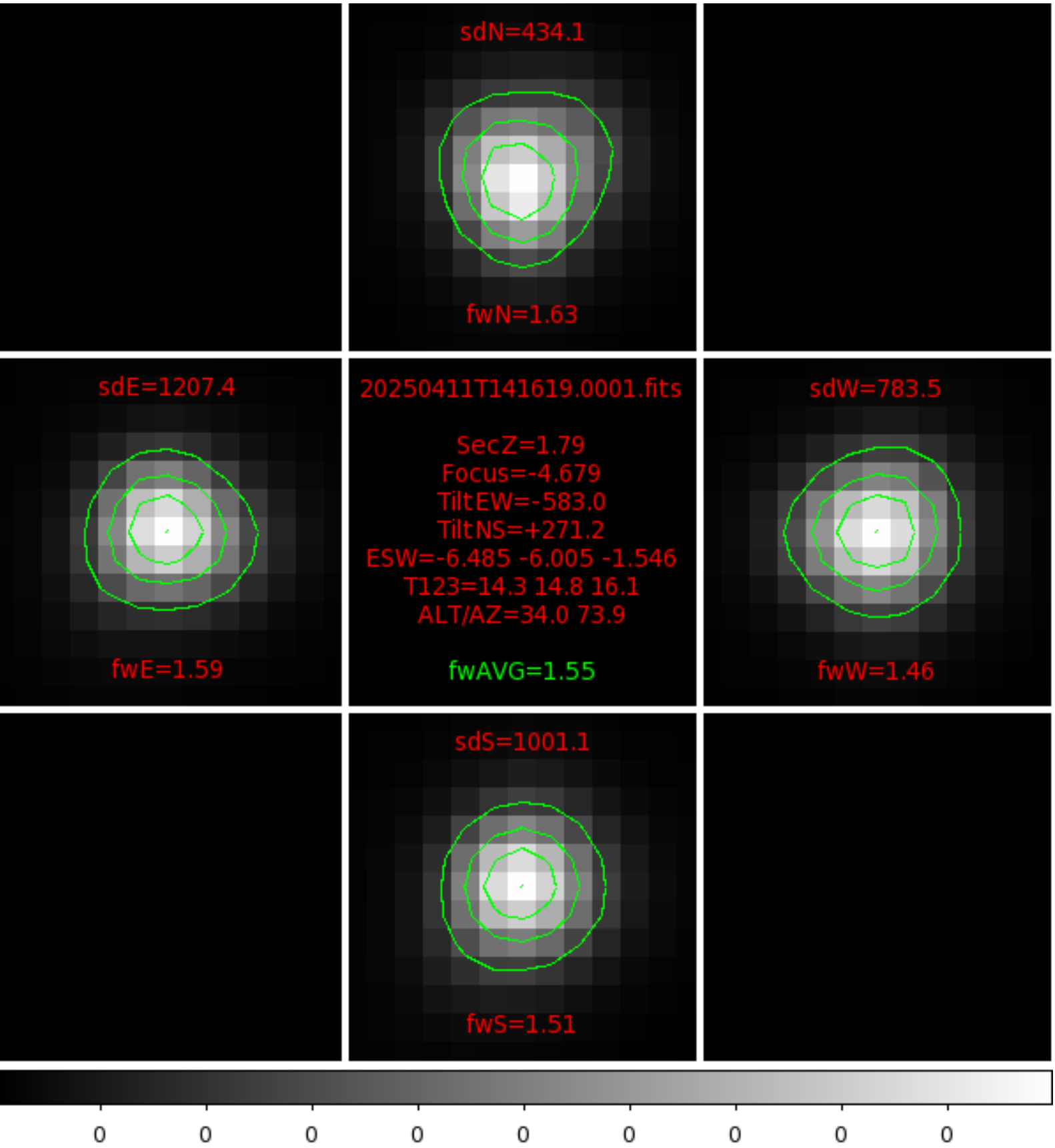
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T123=14.3 14.8 16.1
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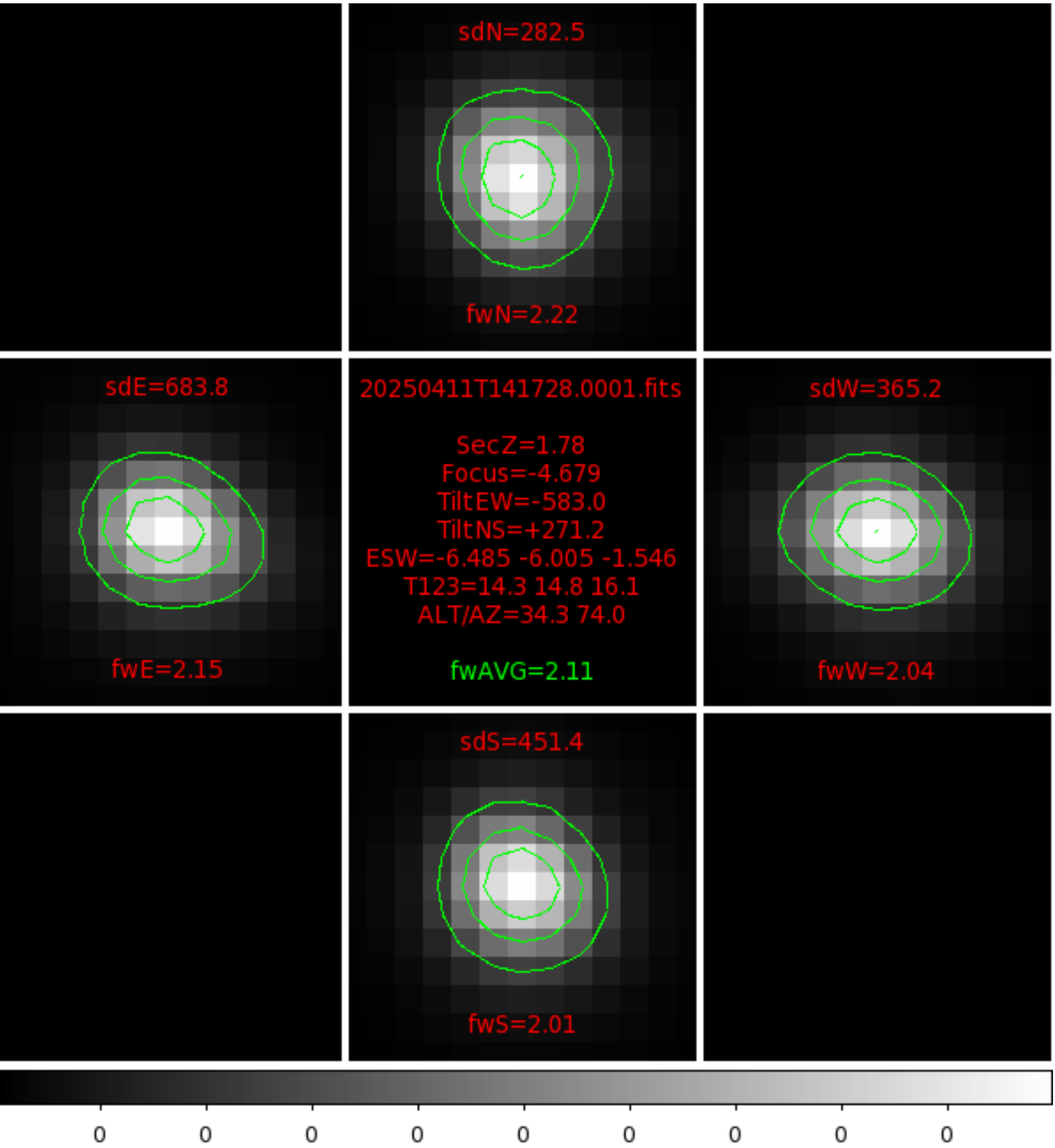
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ESW=-6.485 -6.005 -1.546
T123=14.3 14.8 16.1
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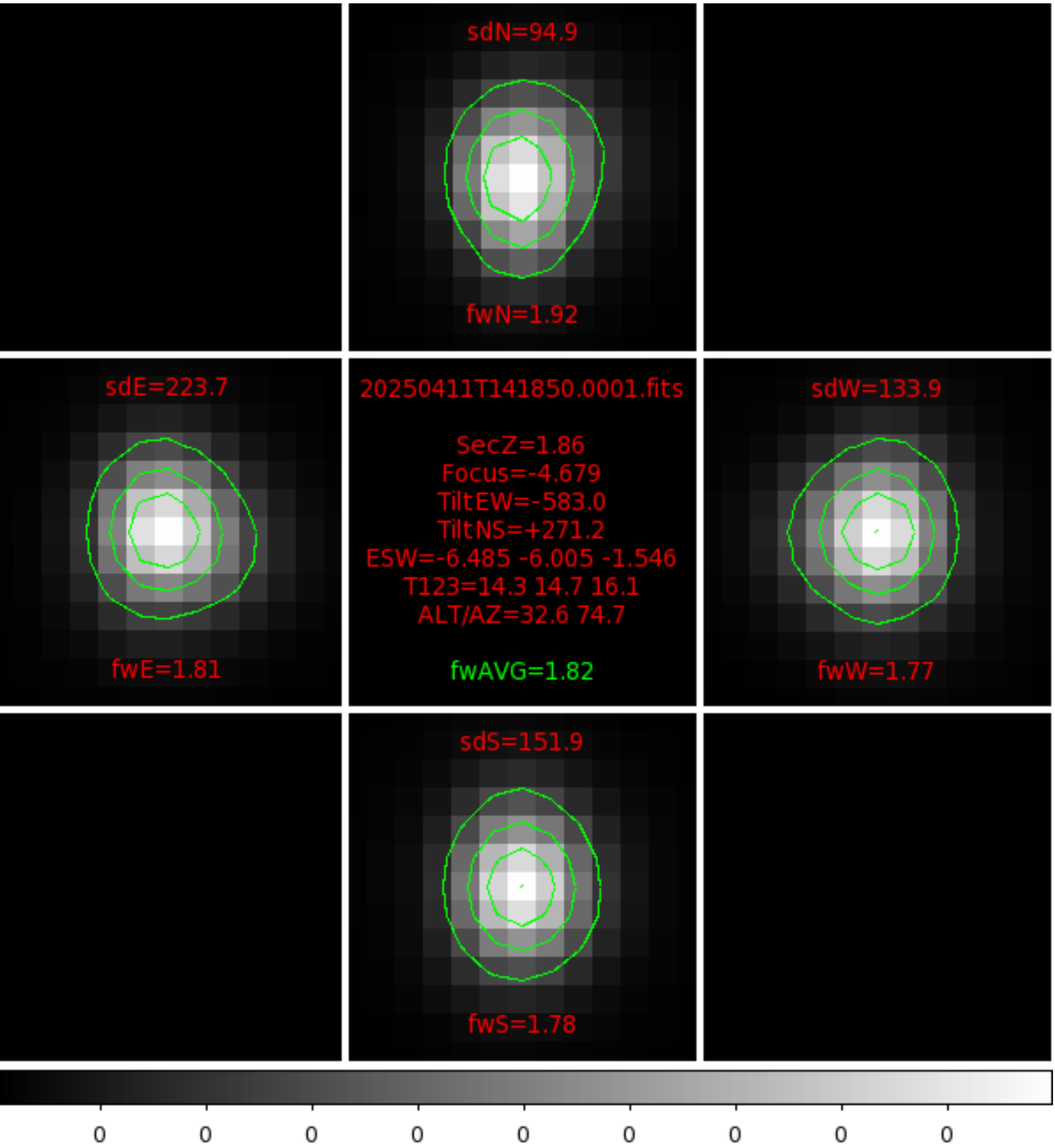
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ESW=-6.485 -6.005 -1.546
T123=14.3 14.7 16.1
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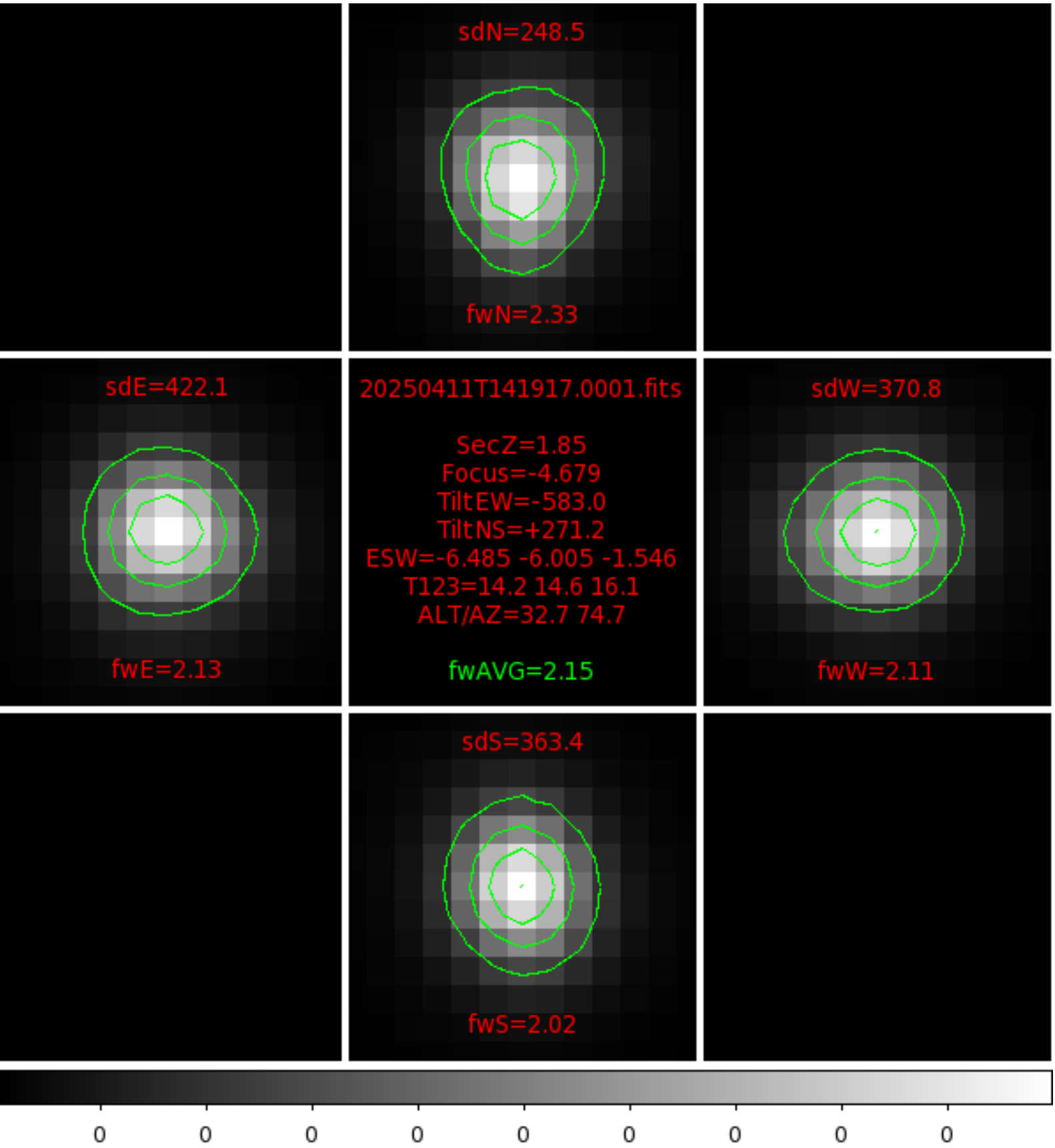
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.485 -6.005 -1.546
T123=14.2 14.6 16.1
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fwAVG=2.15
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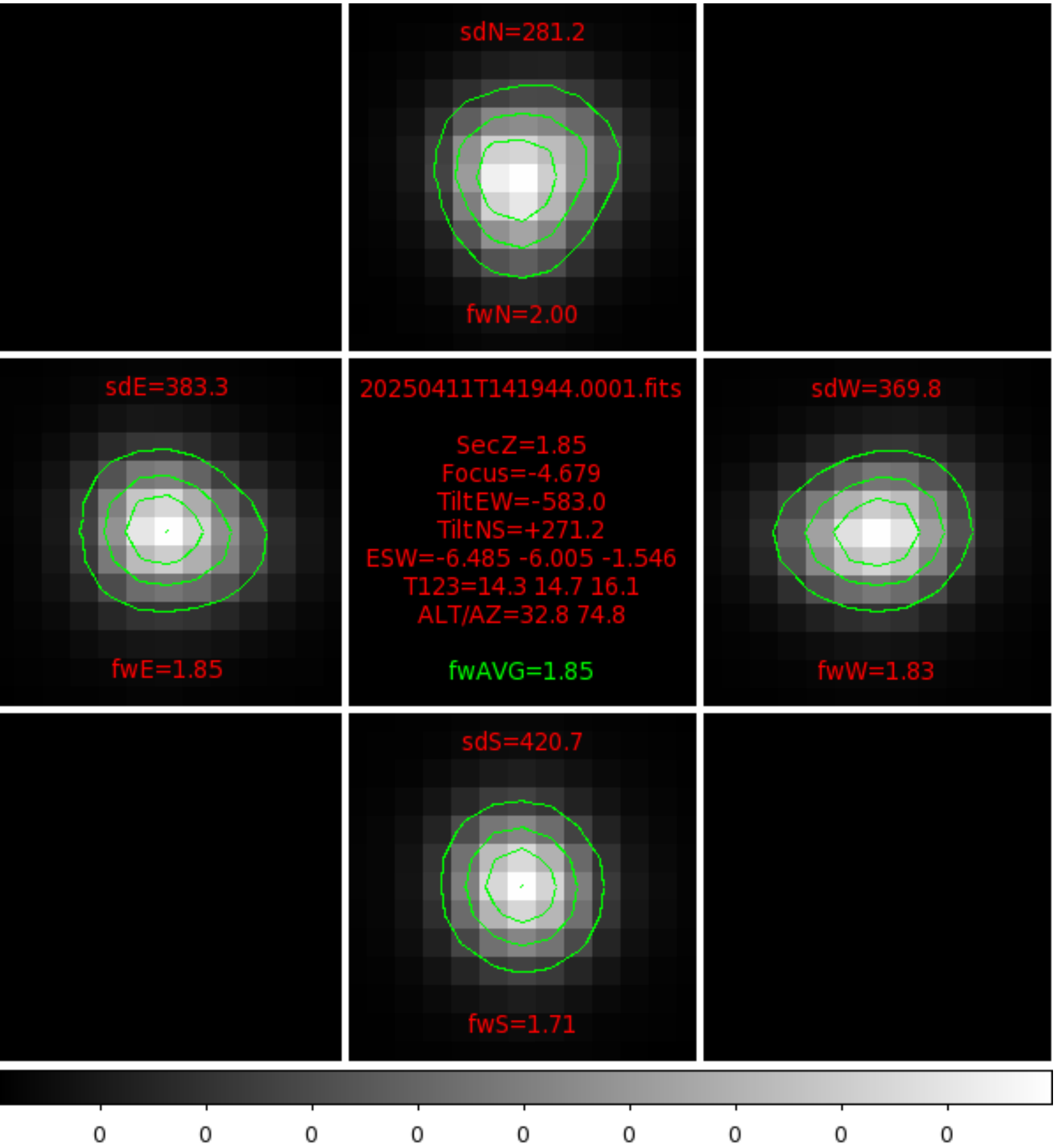
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T123=14.3 14.7 16.1
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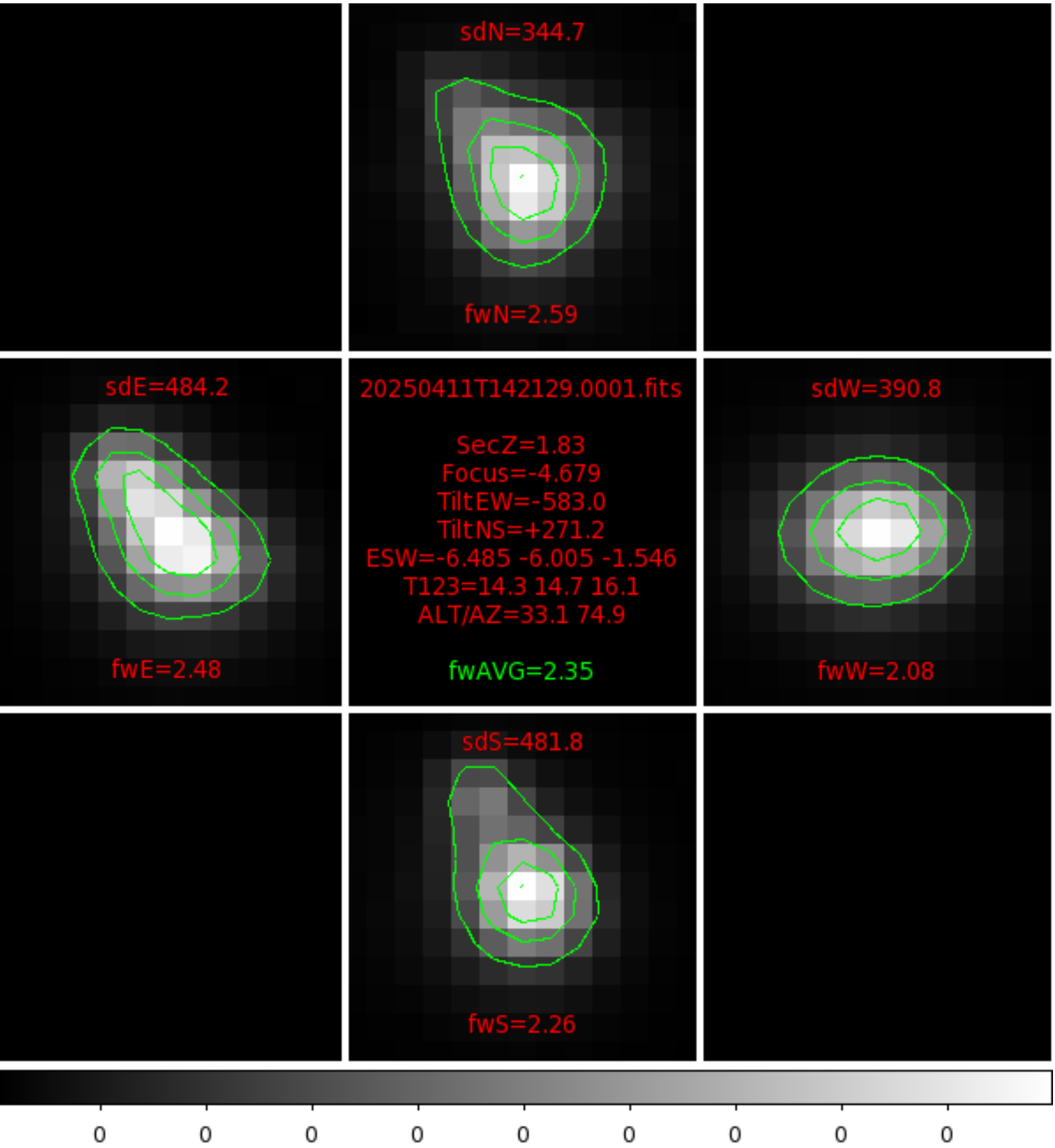
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.485 -6.005 -1.546
T123=14.3 14.7 16.1
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fwAVG=2.35
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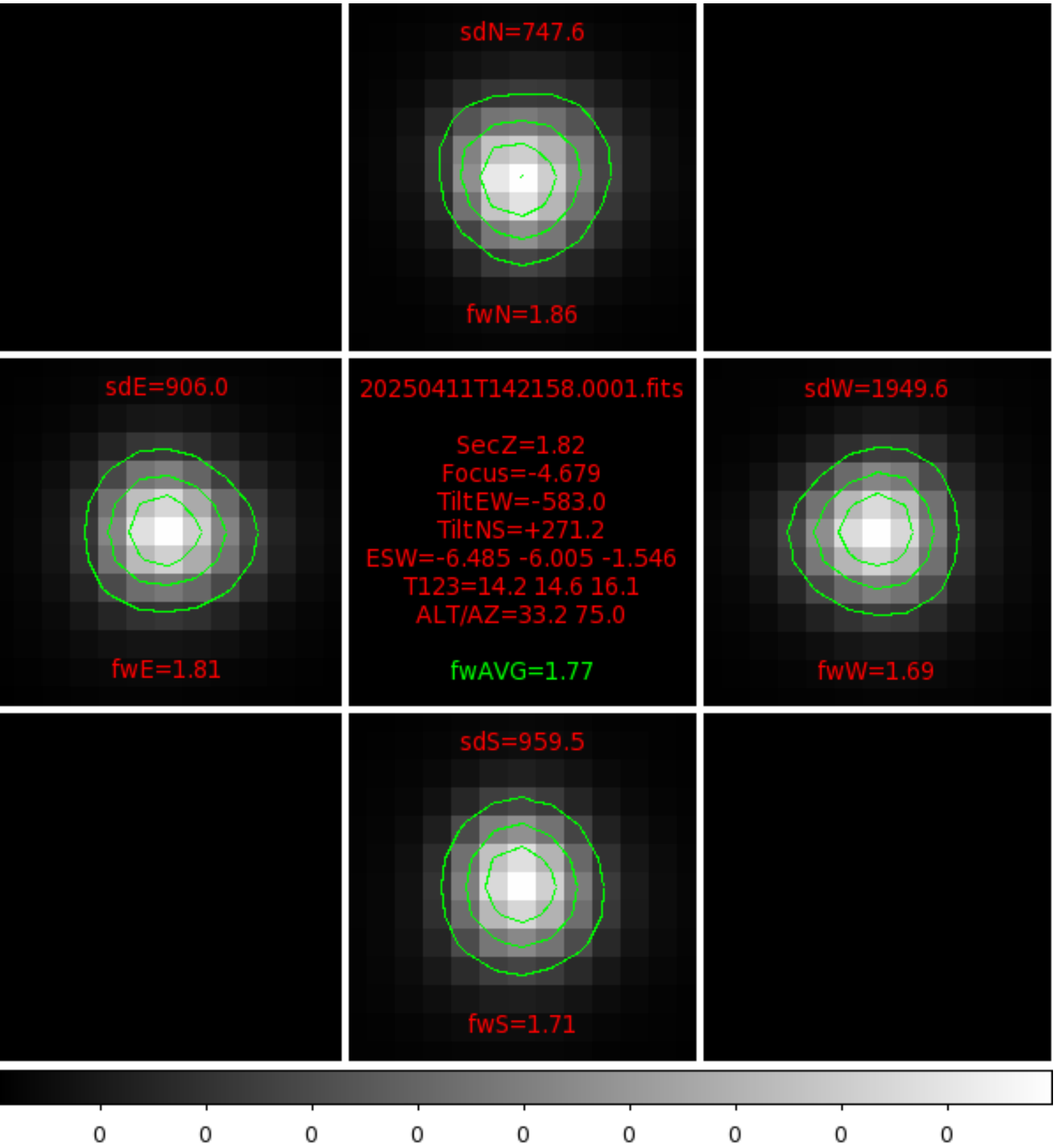
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ESW=-6.485 -6.005 -1.546
T123=14.2 14.6 16.1
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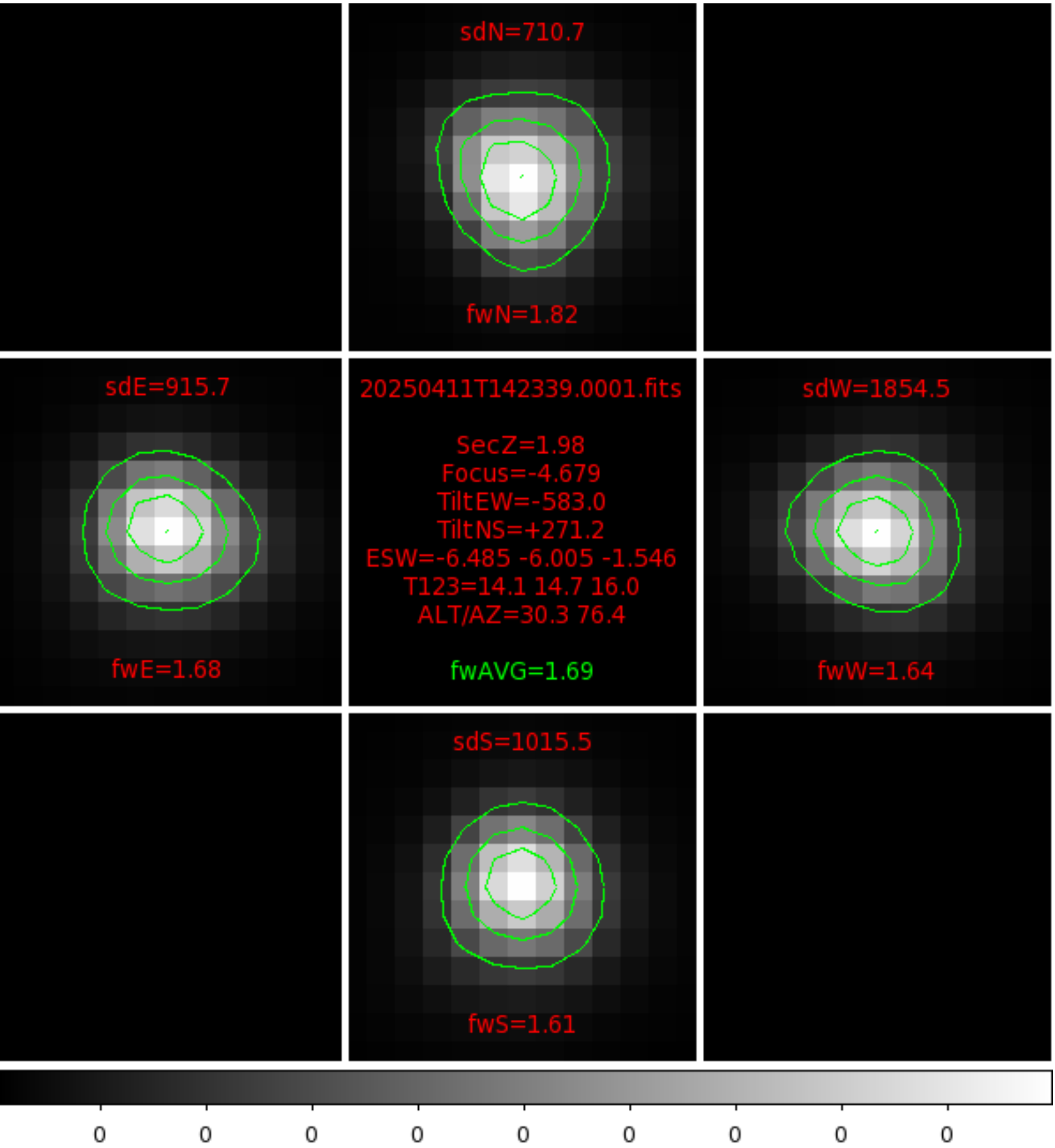
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ESW=-6.485 -6.005 -1.546
T123=14.1 14.7 16.0
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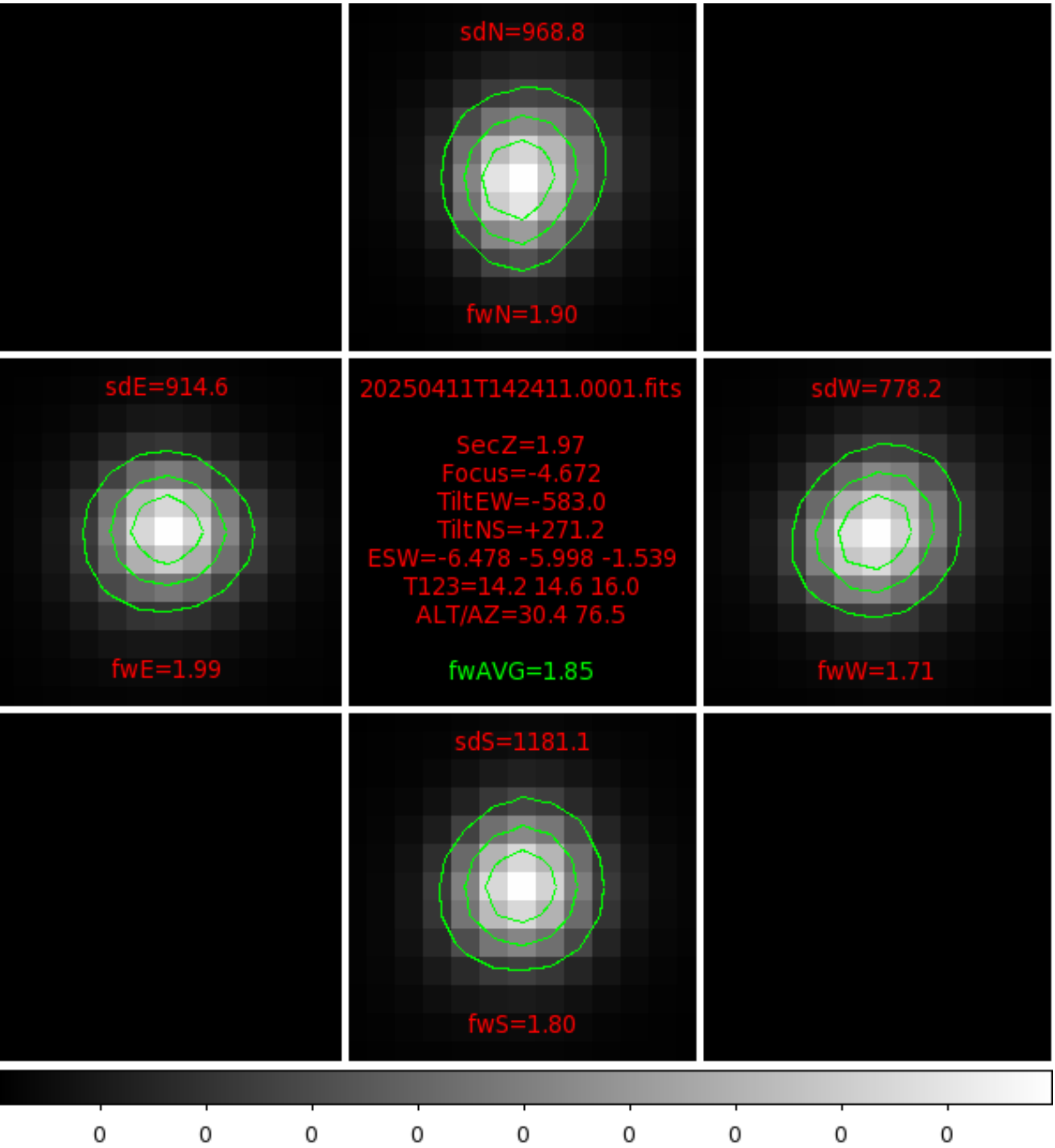
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ESW=-6.478 -5.998 -1.539
T123=14.2 14.6 16.0
ALT/AZ=30.4 76.5
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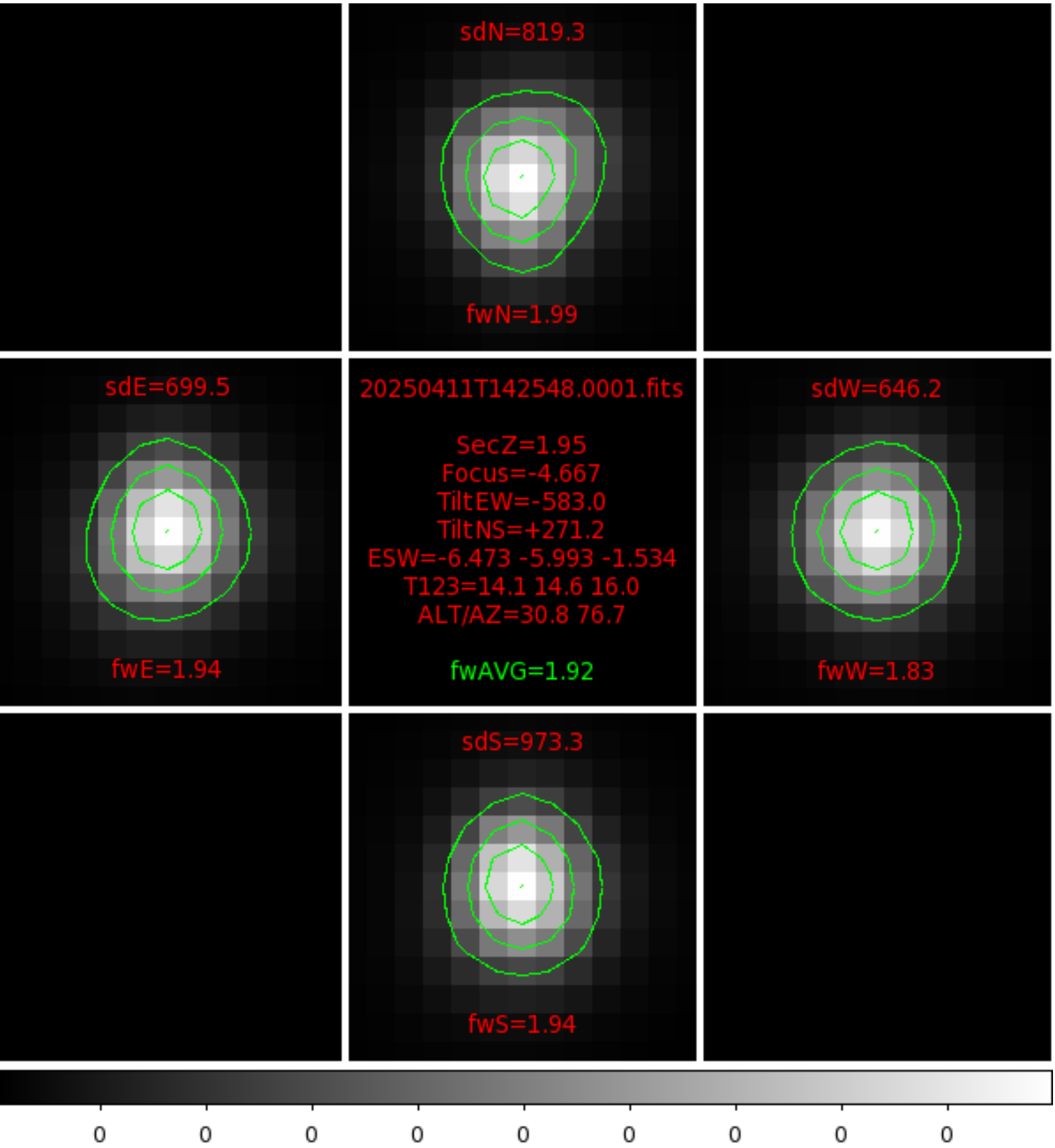
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ESW=-6.473 -5.993 -1.534
T123=14.1 14.6 16.0
ALT/AZ=30.8 76.7
fwAVG=1.92
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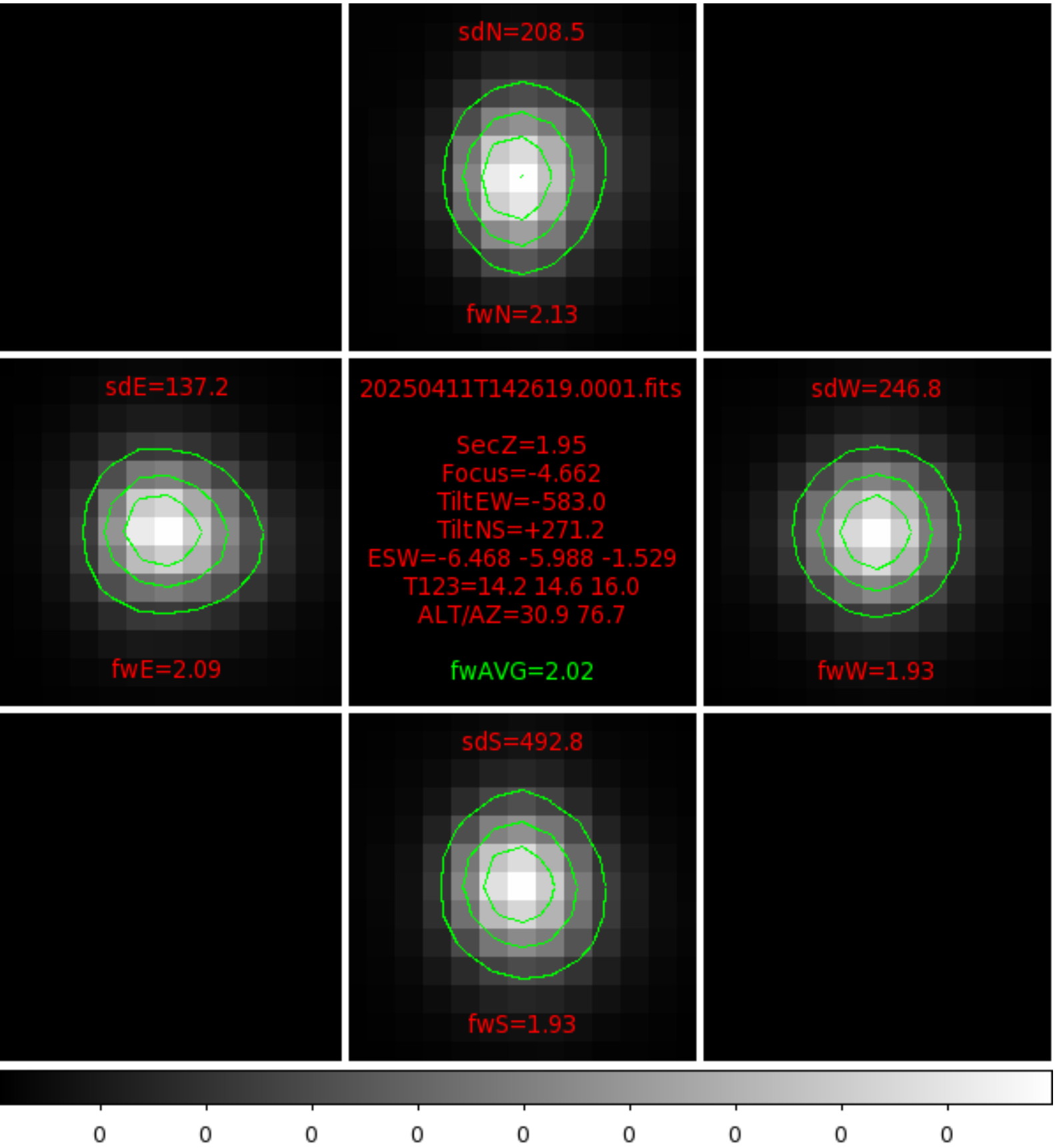
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=14.2 14.6 16.0
ALT/AZ=30.9 76.7
fwAVG=2.02
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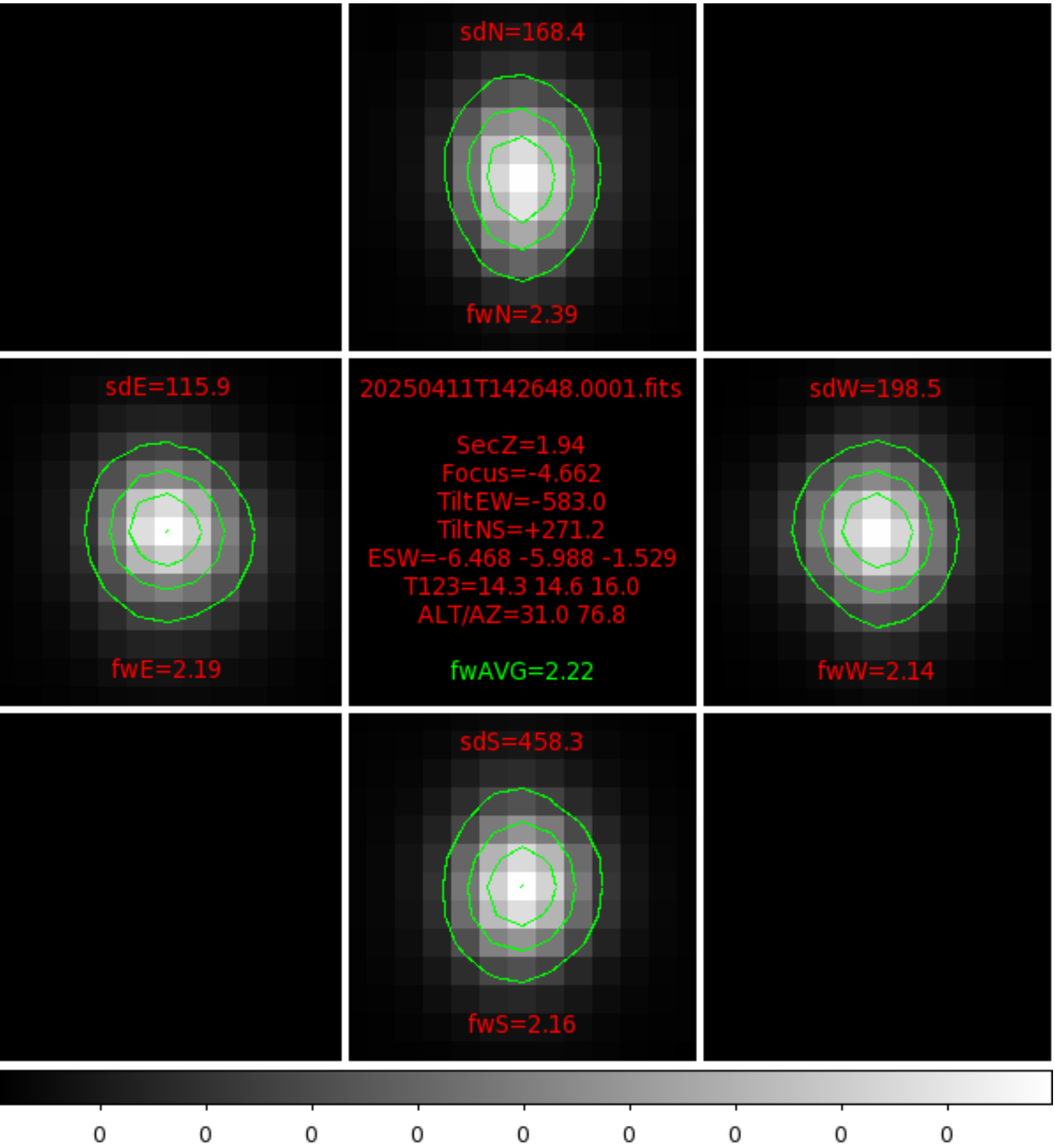
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=14.3 14.6 16.0
ALT/AZ=31.0 76.8
fwAVG=2.22
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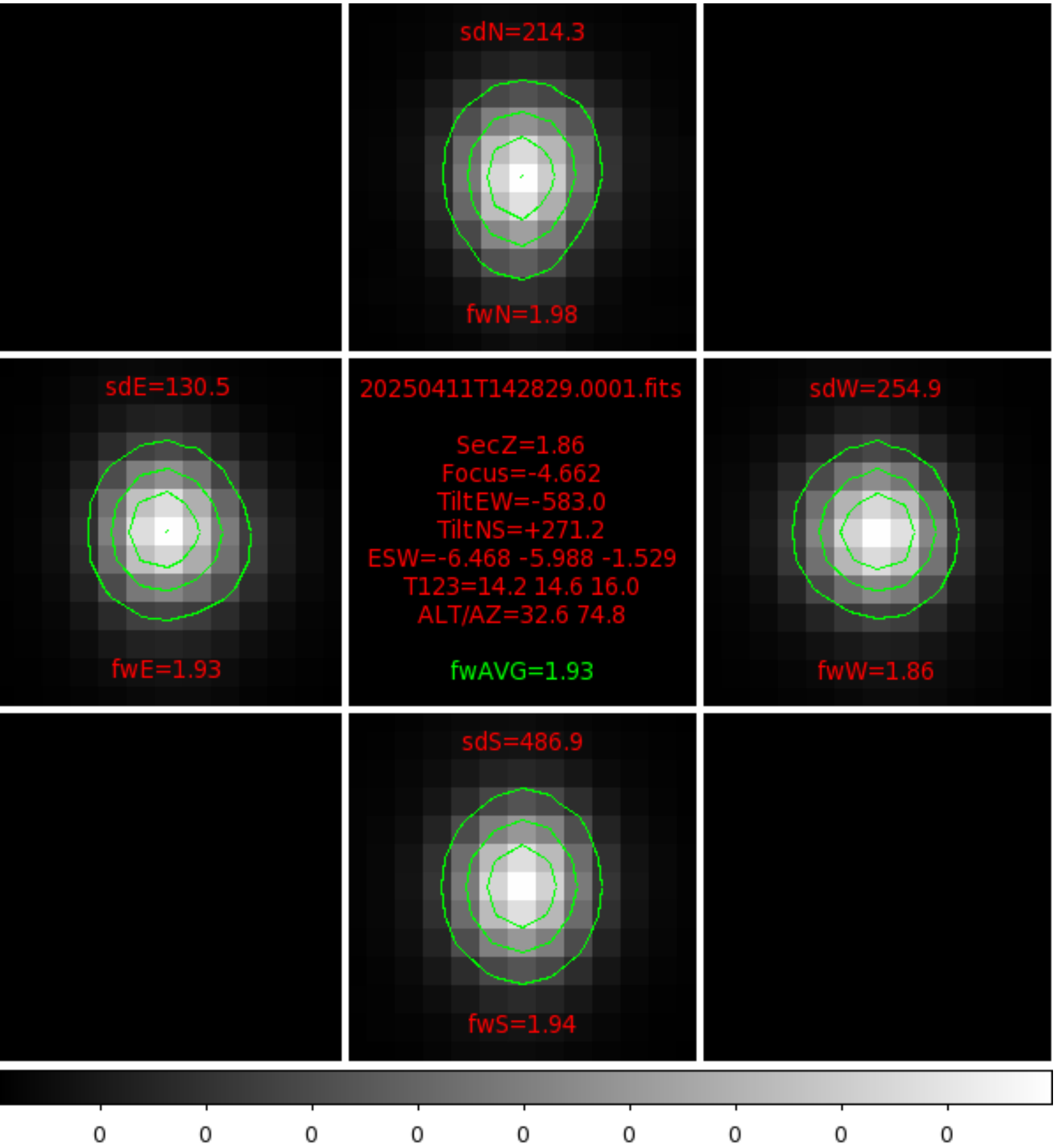
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TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=14.2 14.6 16.0
ALT/AZ=32.6 74.8
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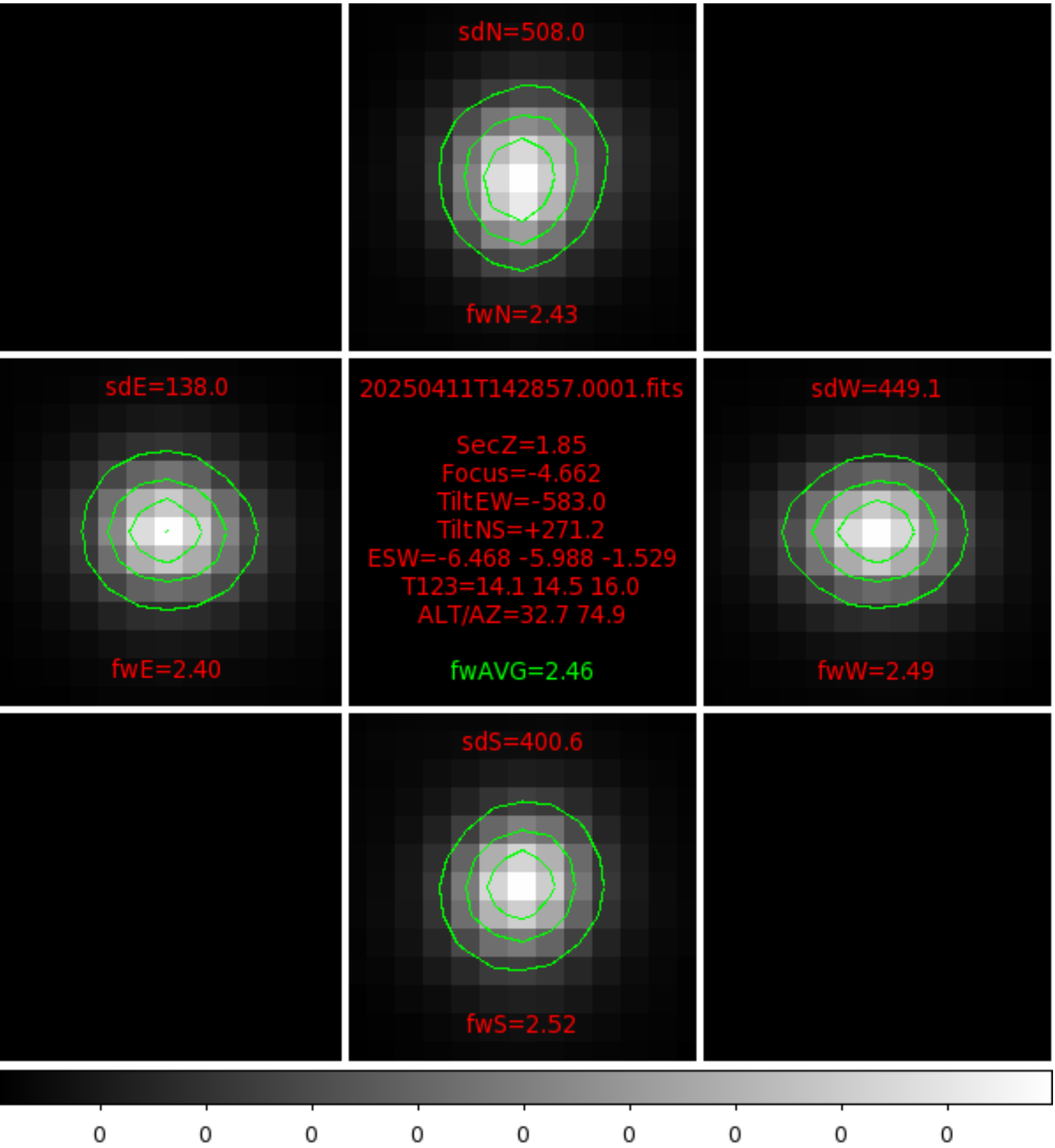
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TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=14.1 14.5 16.0
ALT/AZ=32.7 74.9
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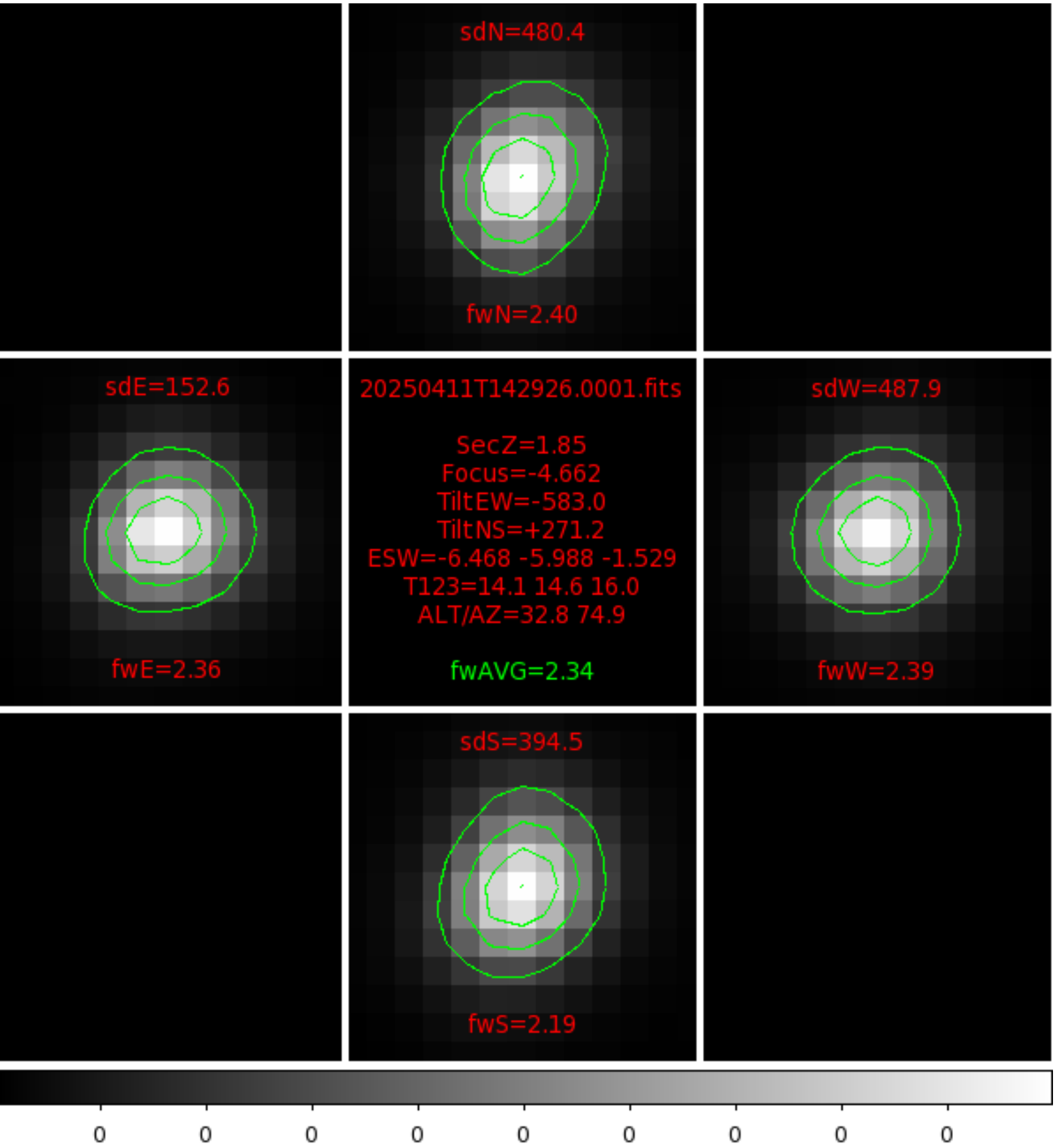
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=14.1 14.6 16.0
ALT/AZ=32.8 74.9
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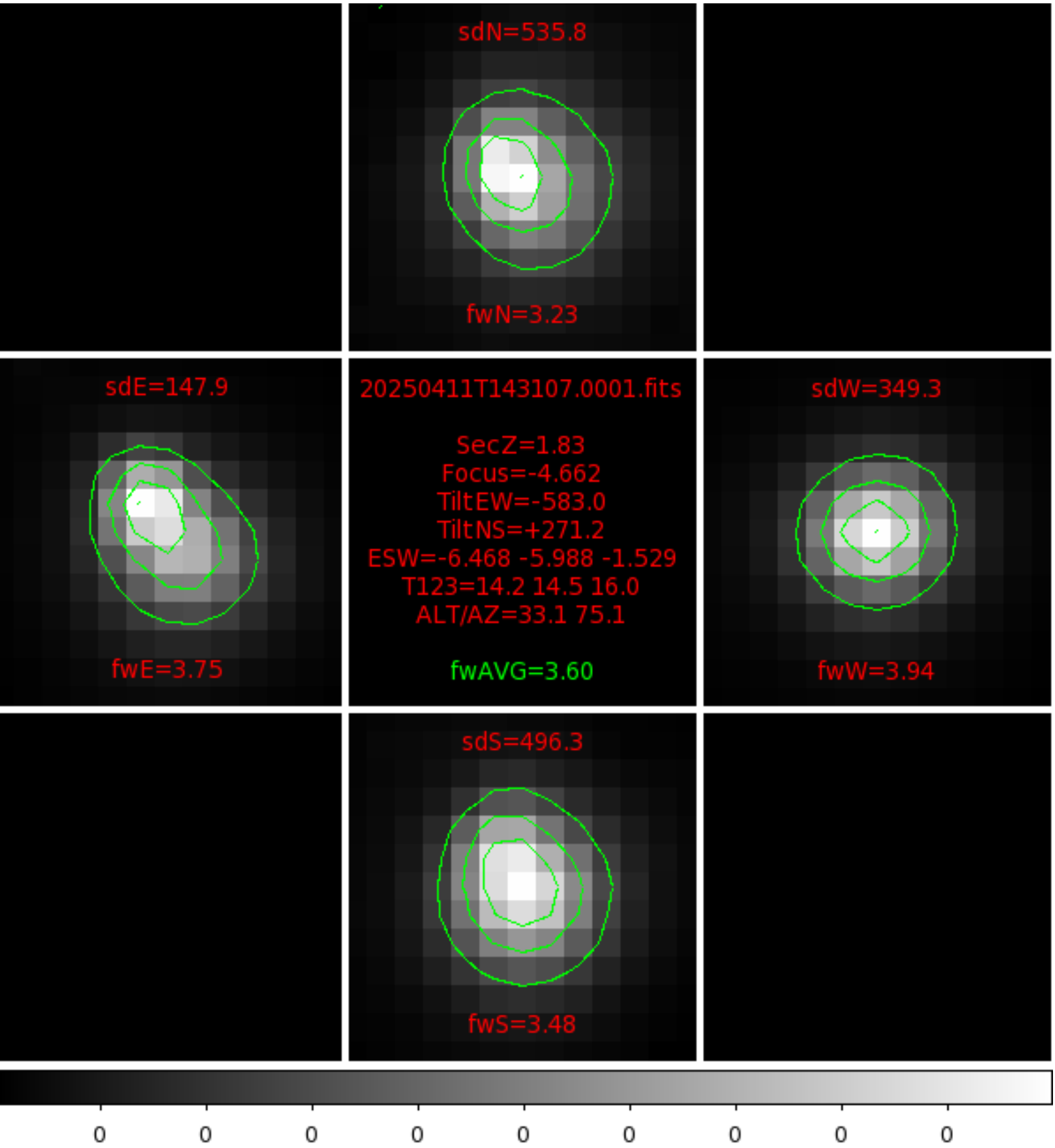
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TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
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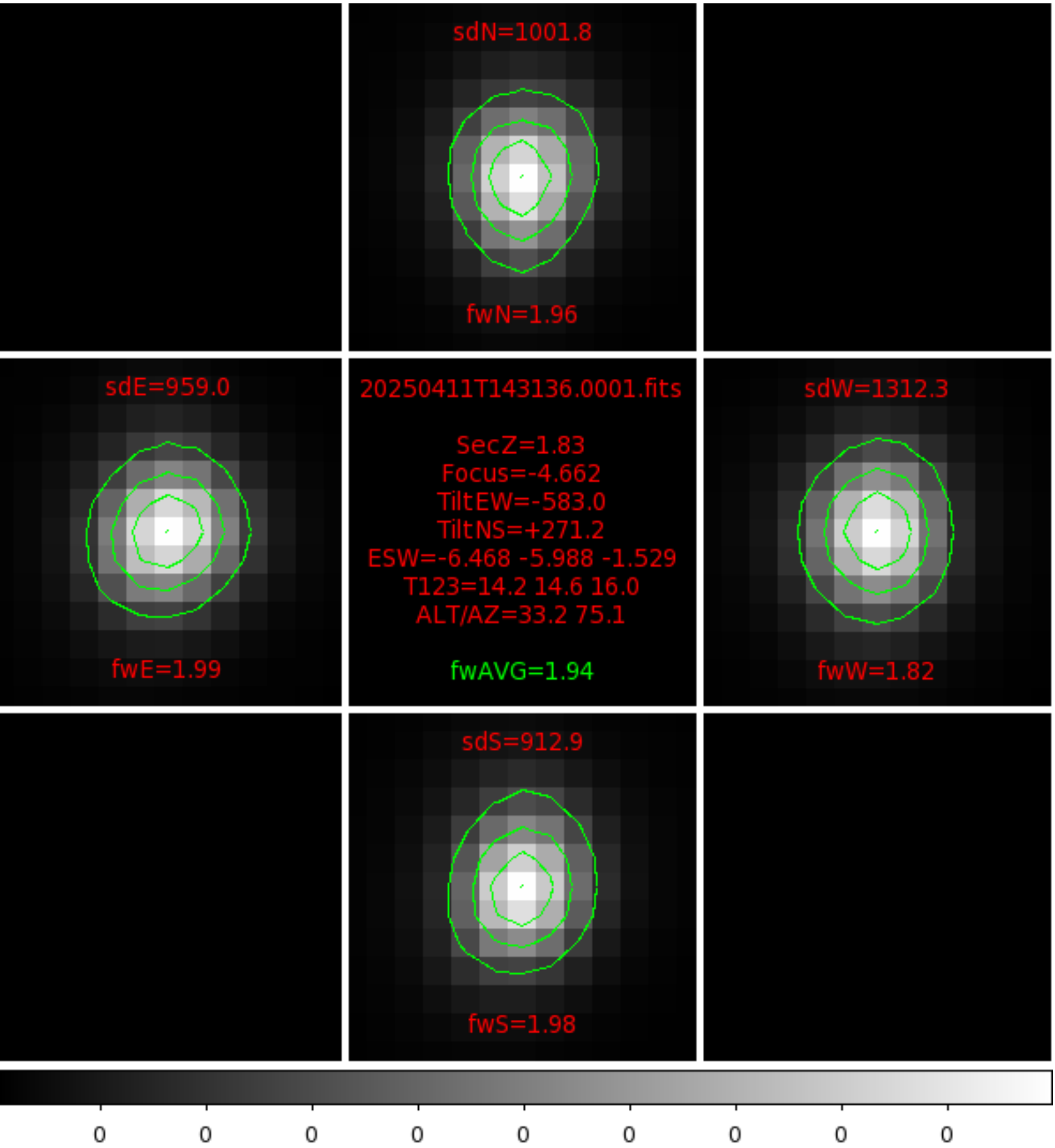
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TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
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ALT/AZ=33.2 75.1
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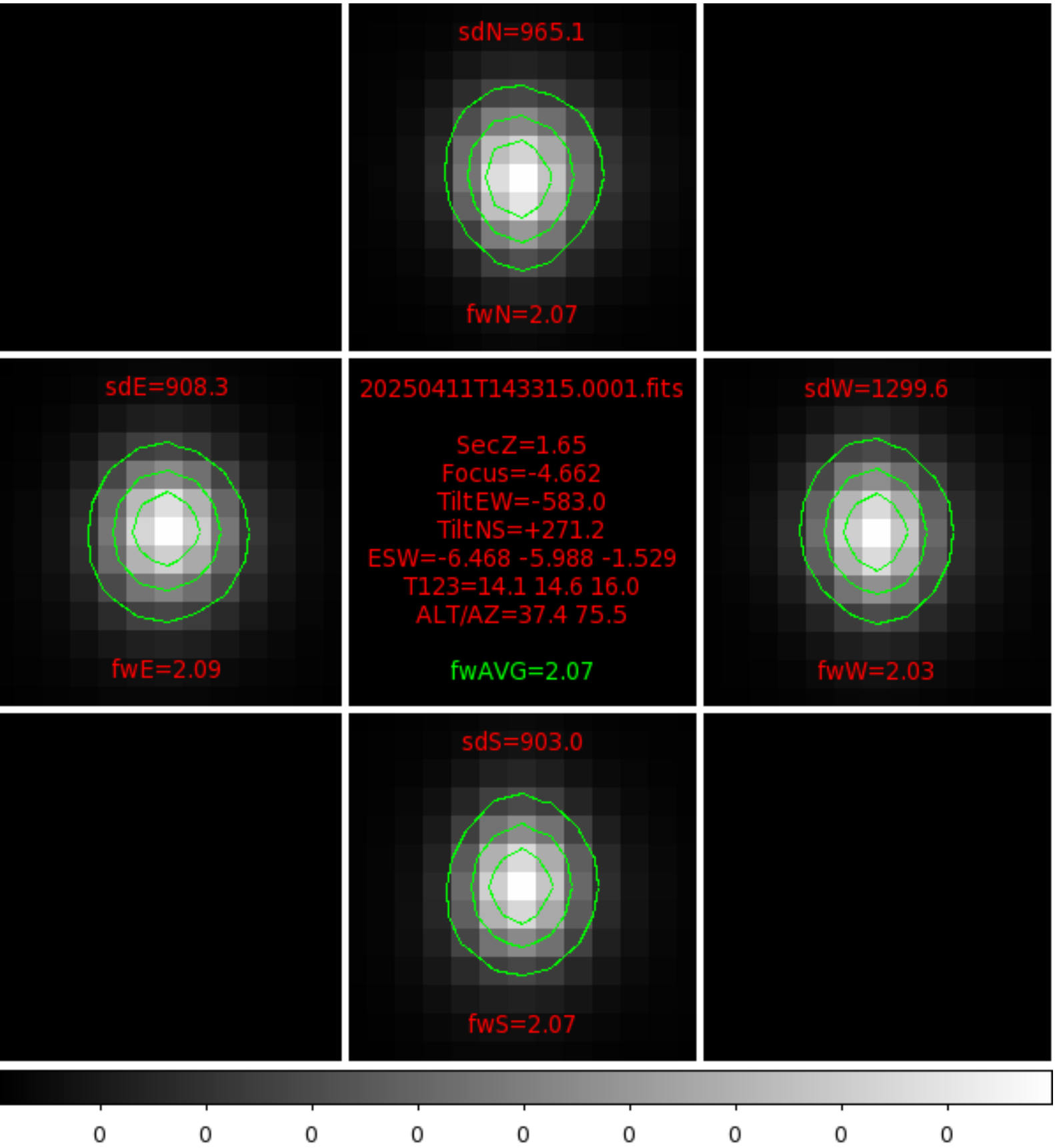
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SecZ=1.65
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TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=14.1 14.6 16.0
ALT/AZ=37.4 75.5
fwAVG=2.07
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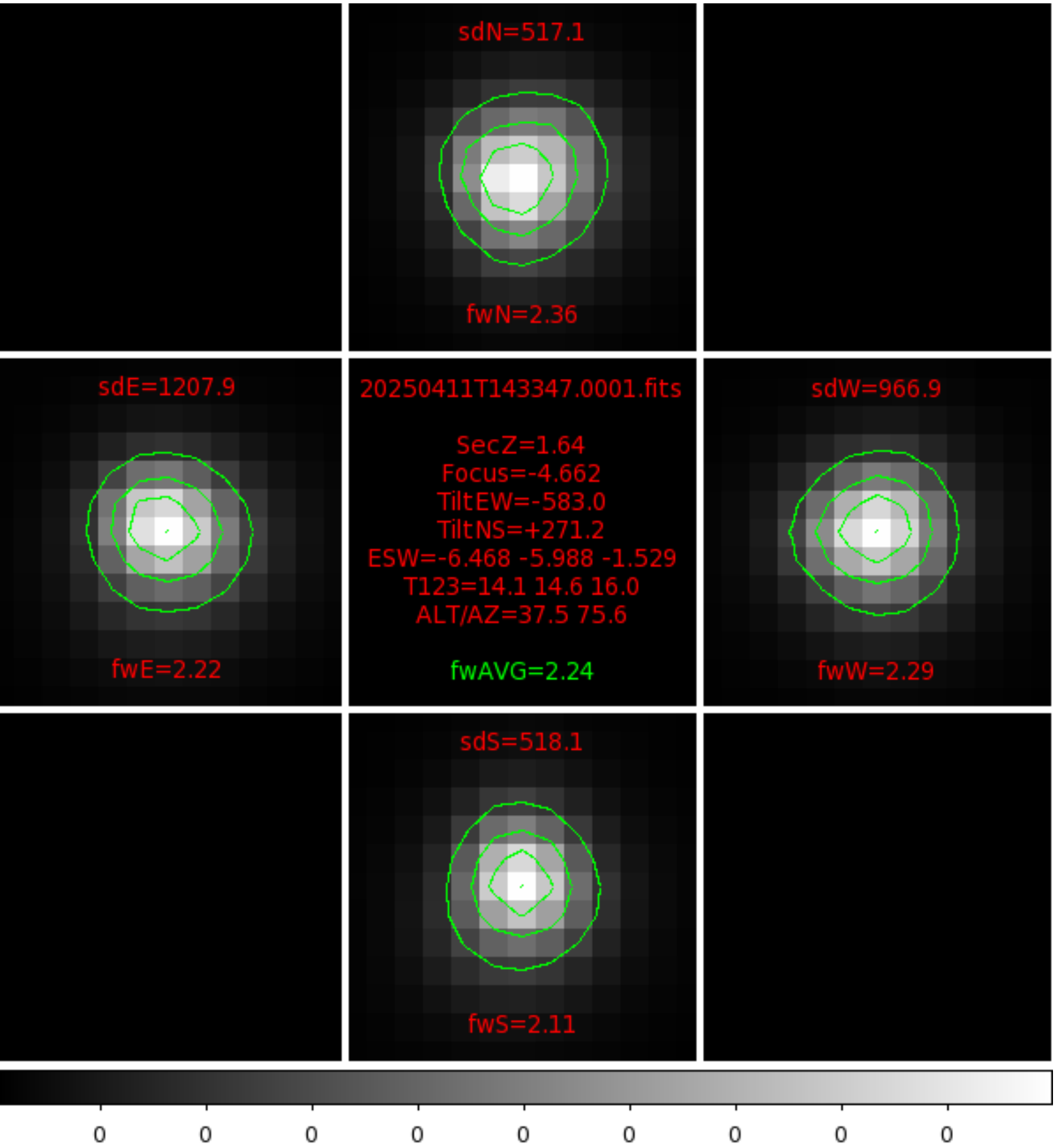
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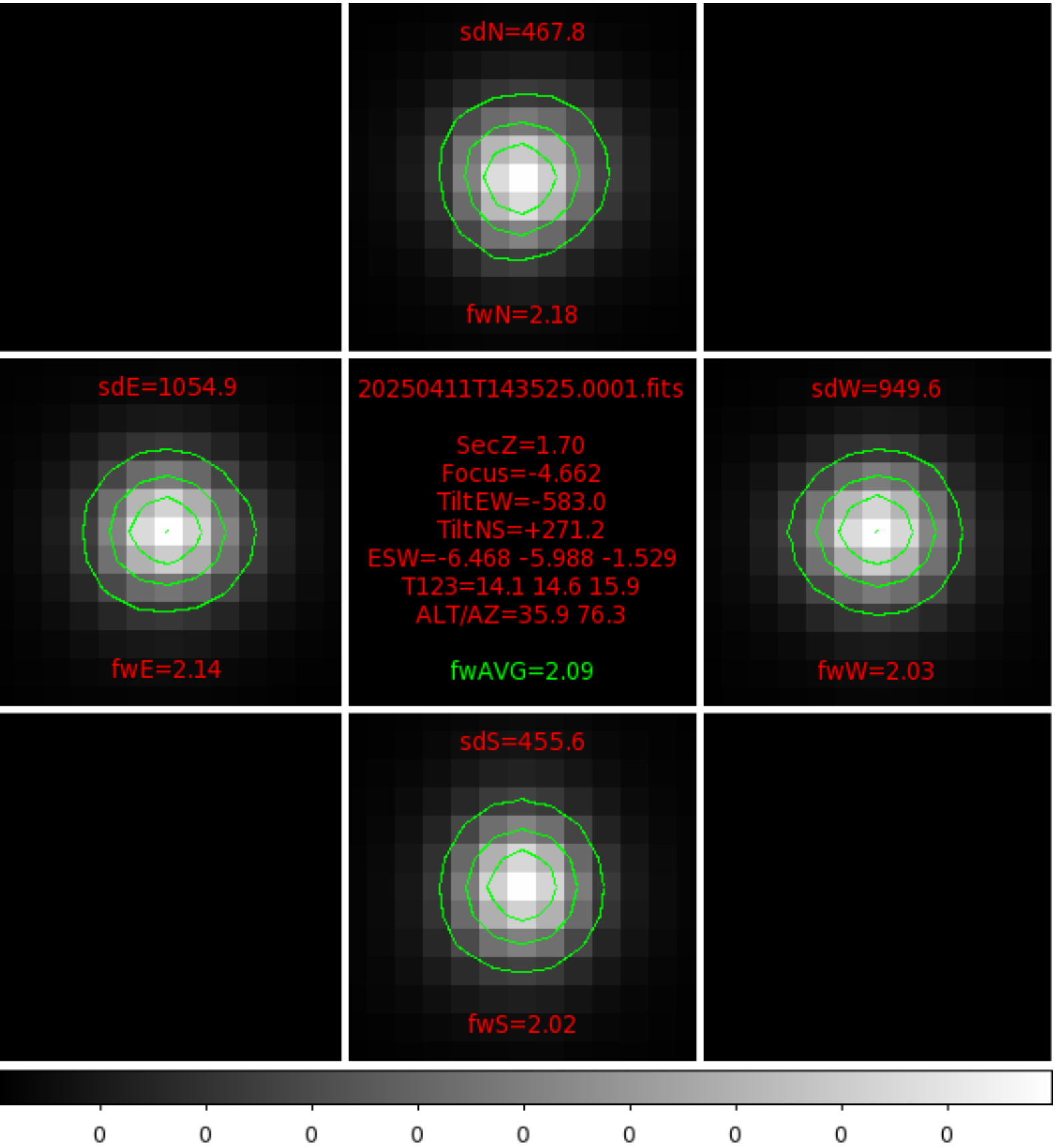
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T123=14.1 14.6 15.9
ALT/AZ=35.9 76.3
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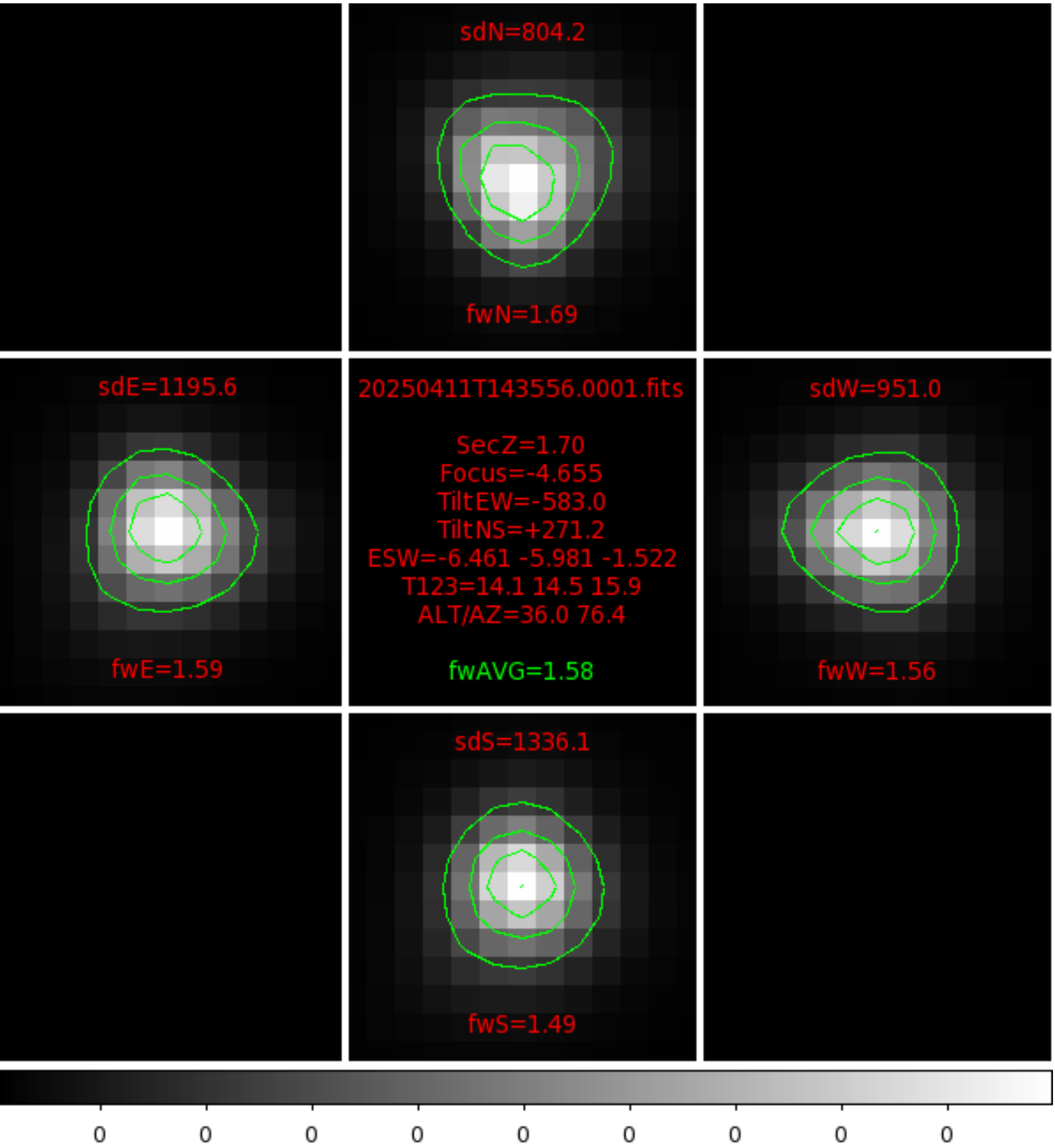
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TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=14.1 14.5 15.9
ALT/AZ=36.0 76.4
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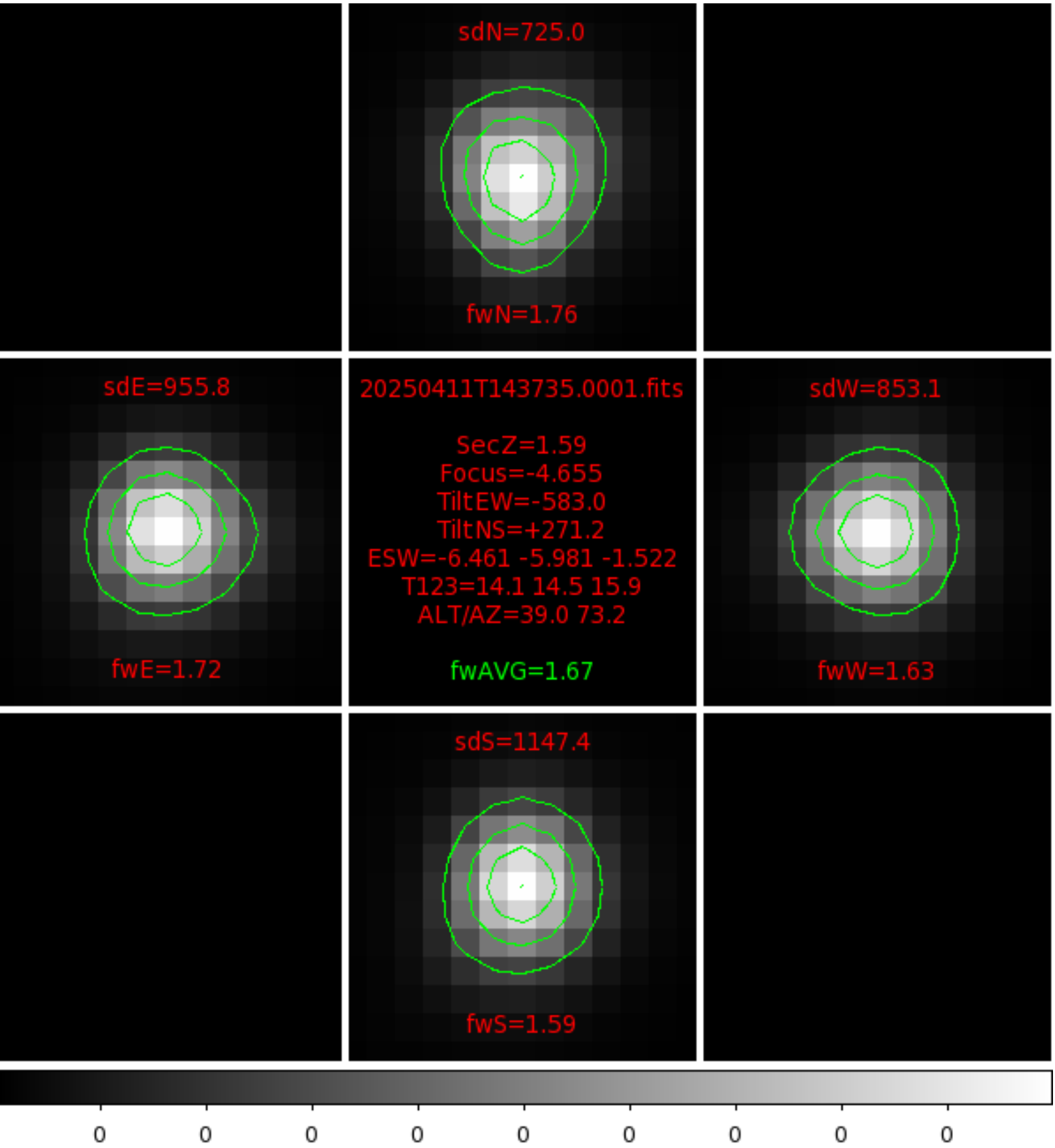
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SecZ=1.59
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=14.1 14.5 15.9
ALT/AZ=39.0 73.2
fwAVG=1.67
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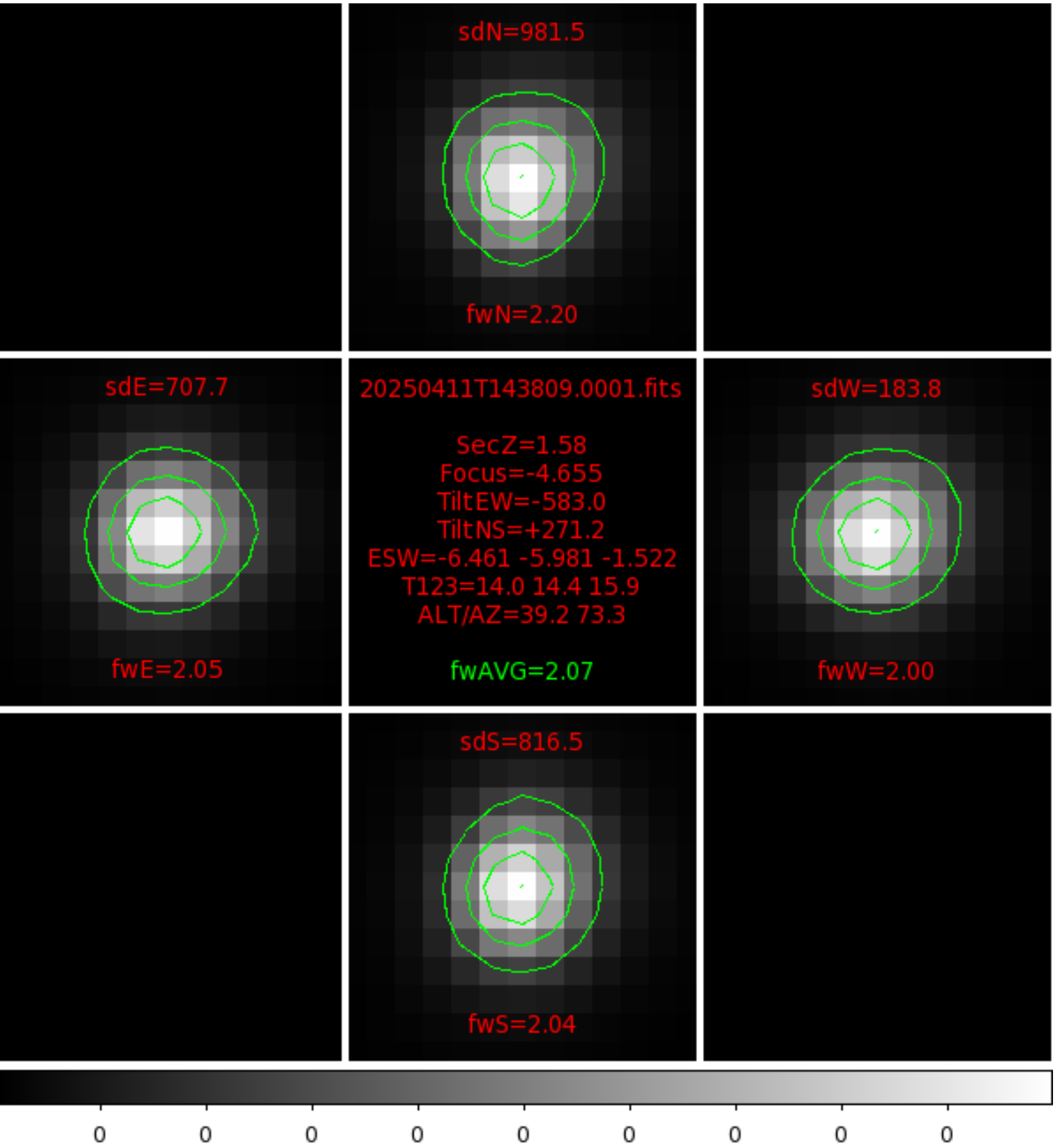
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SecZ=1.58
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=14.0 14.4 15.9
ALT/AZ=39.2 73.3
fwAVG=2.07
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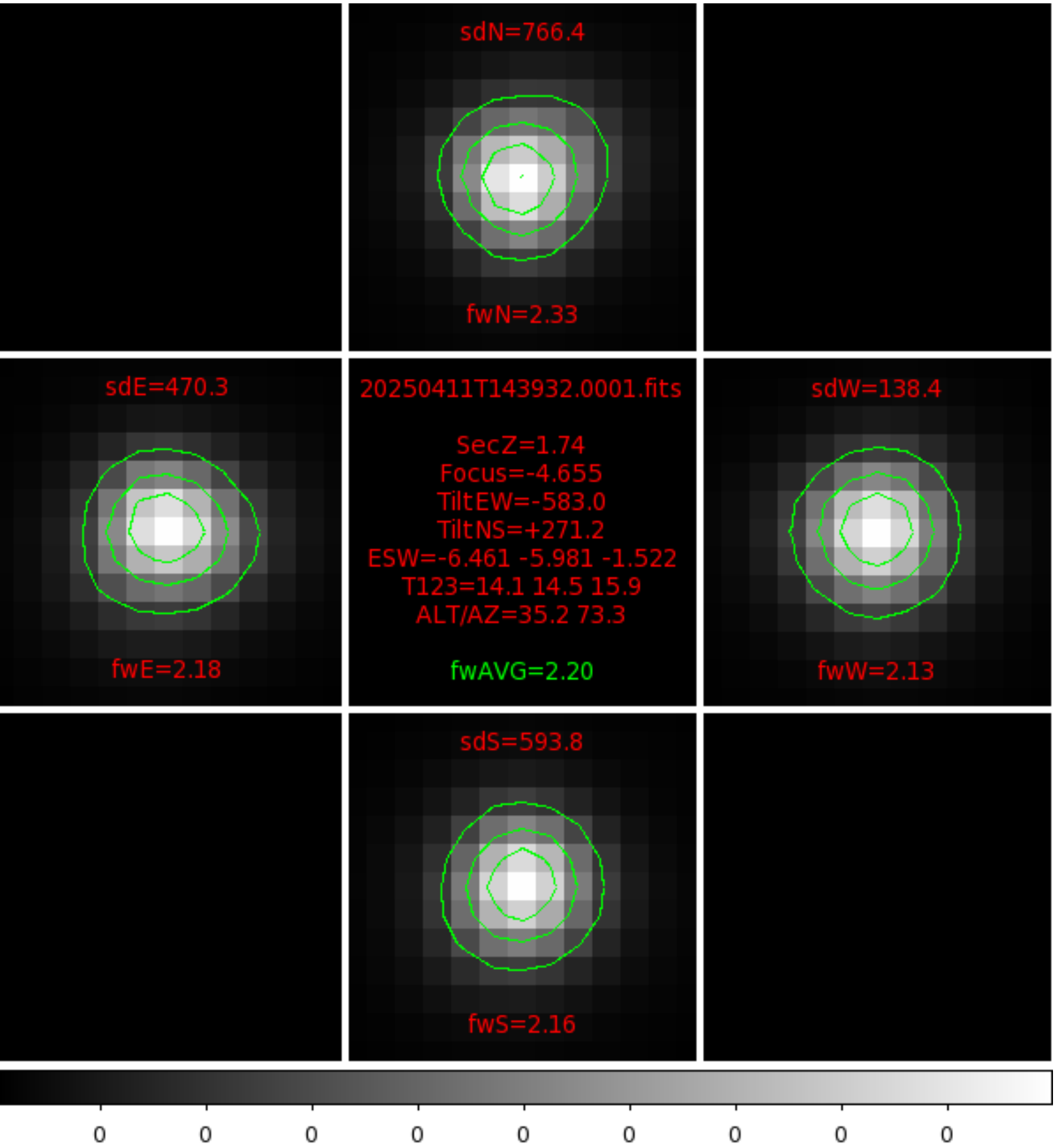
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TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=14.1 14.5 15.9
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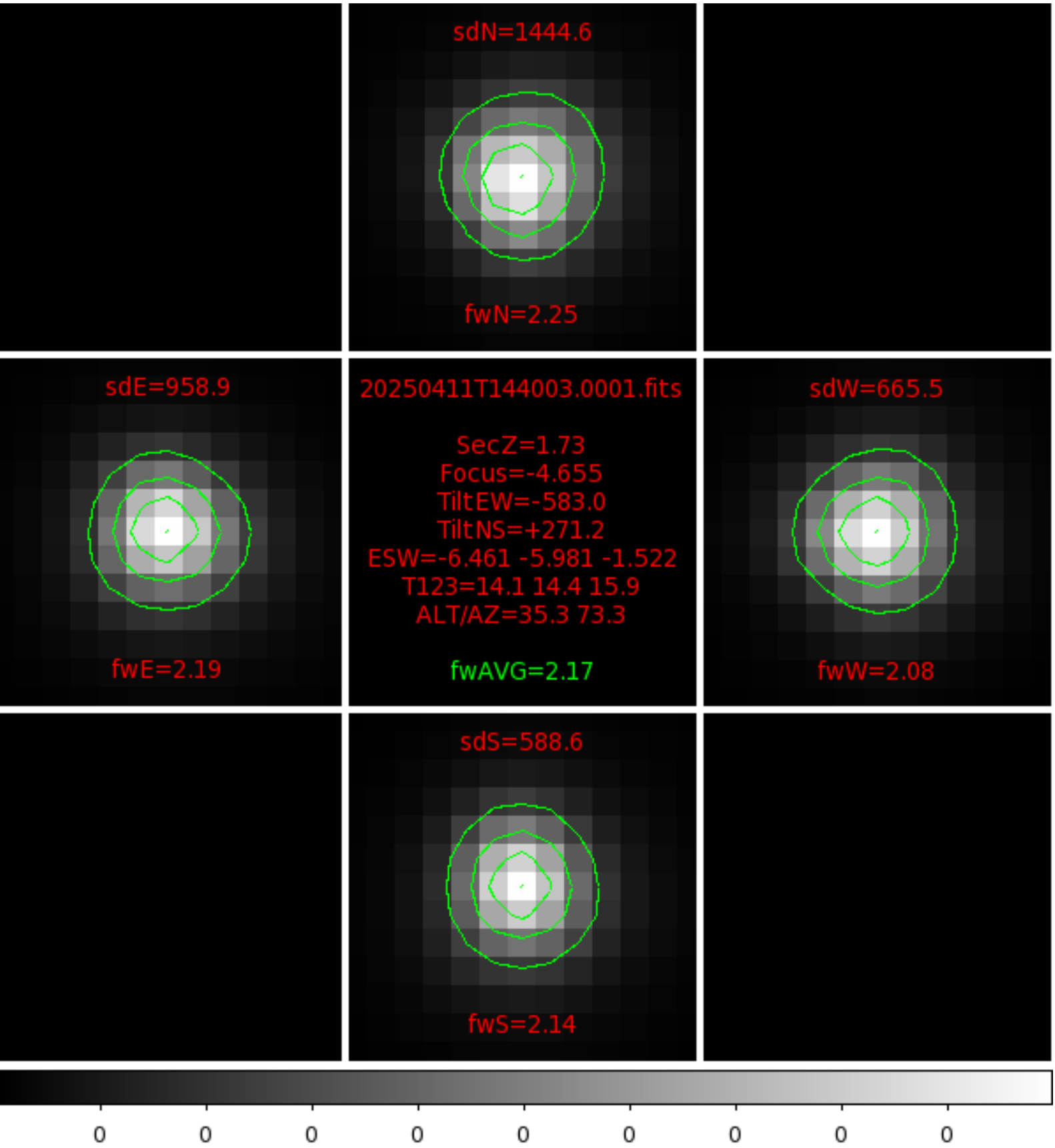
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TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=14.1 14.4 15.9
ALT/AZ=35.3 73.3
fwAVG=2.17
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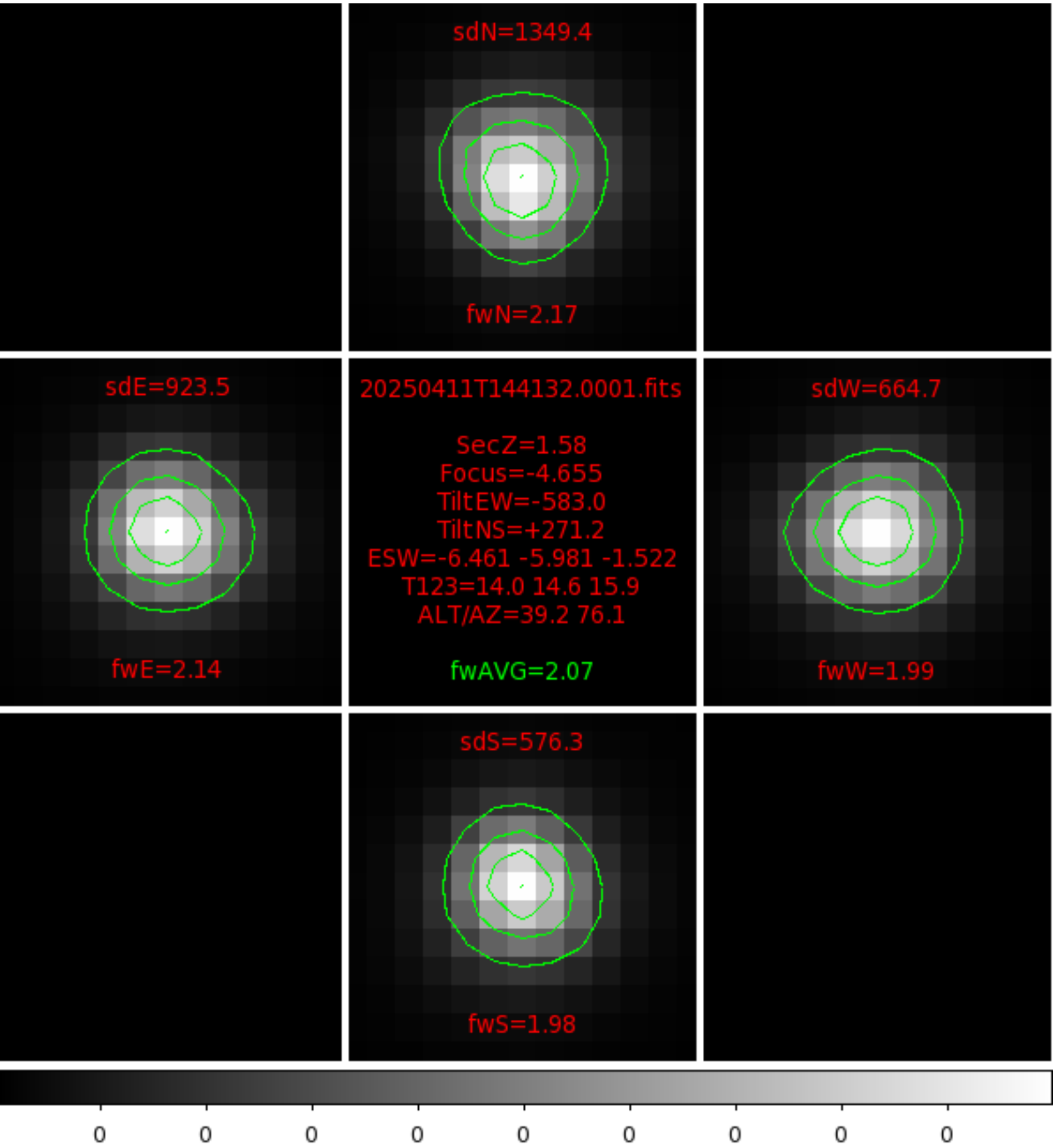
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=14.0 14.6 15.9
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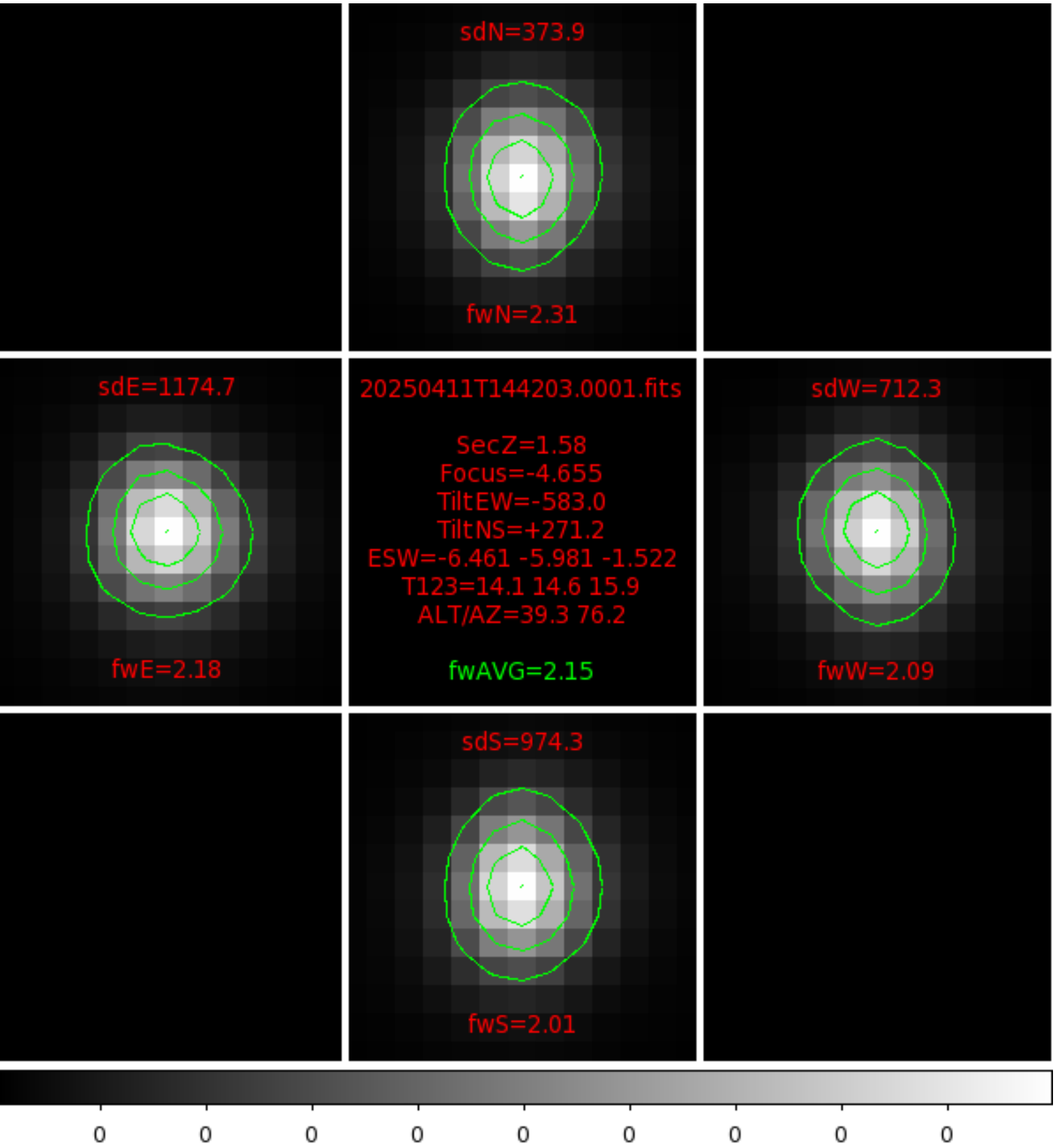
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SecZ=1.58
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=14.1 14.6 15.9
ALT/AZ=39.3 76.2
fwAVG=2.15
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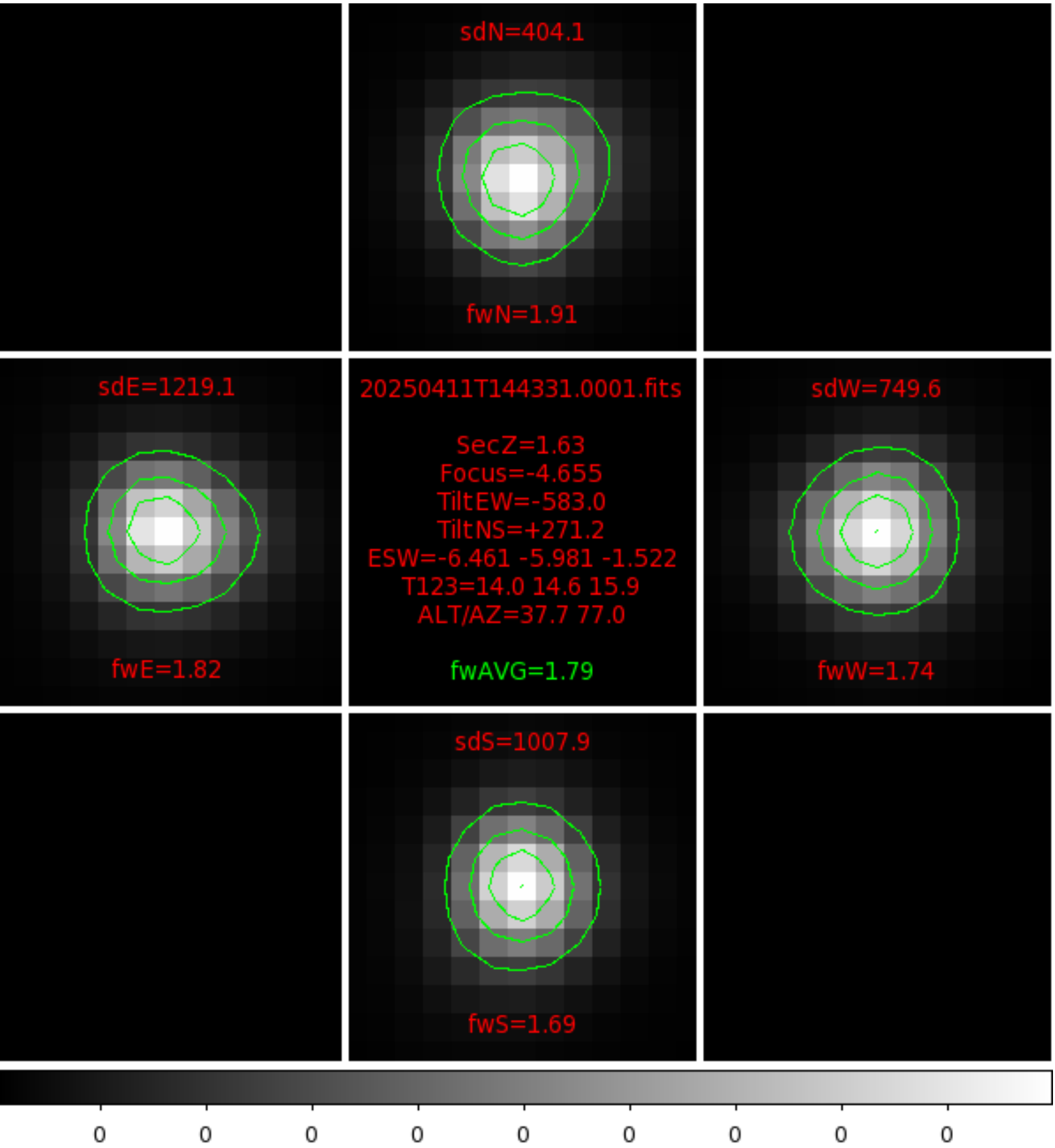
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sdE=1219.1
fwE=1.82
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SecZ=1.63
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=14.0 14.6 15.9
ALT/AZ=37.7 77.0
fwAVG=1.79
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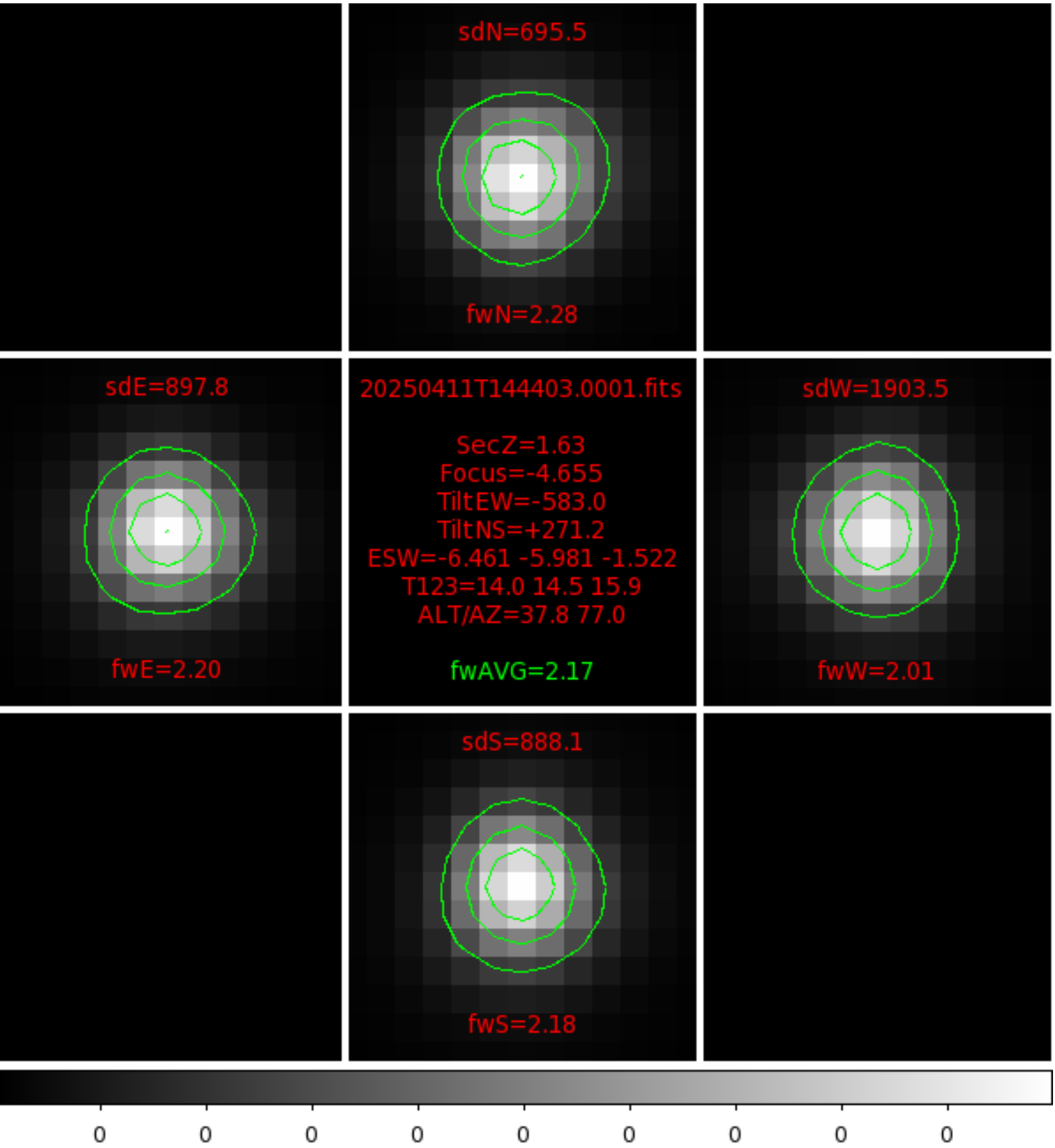
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TiltEW=-583.0
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ESW=-6.461 -5.981 -1.522
T123=14.0 14.5 15.9
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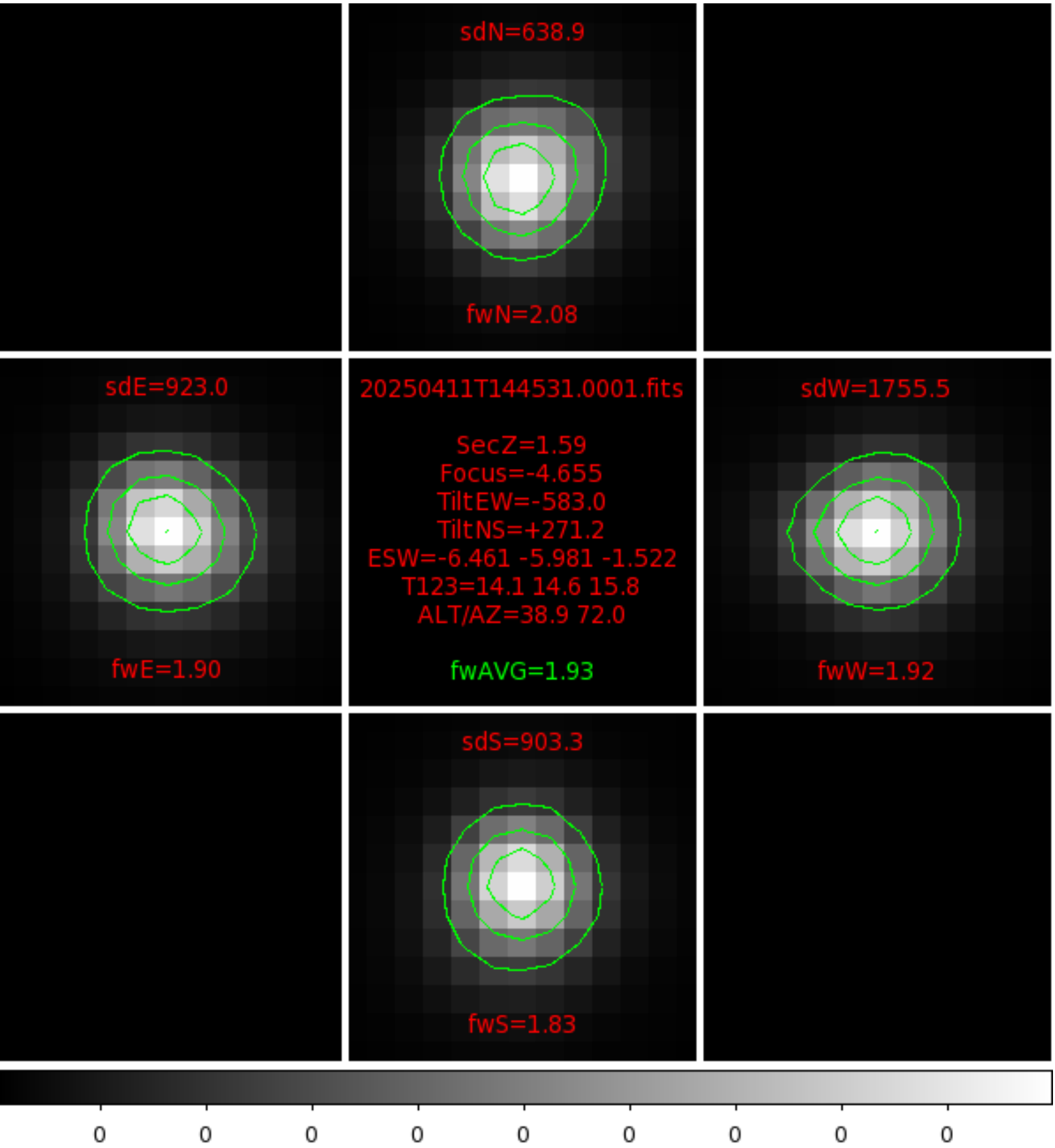
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SecZ=1.59
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ESW=-6.461 -5.981 -1.522
T123=14.1 14.6 15.8
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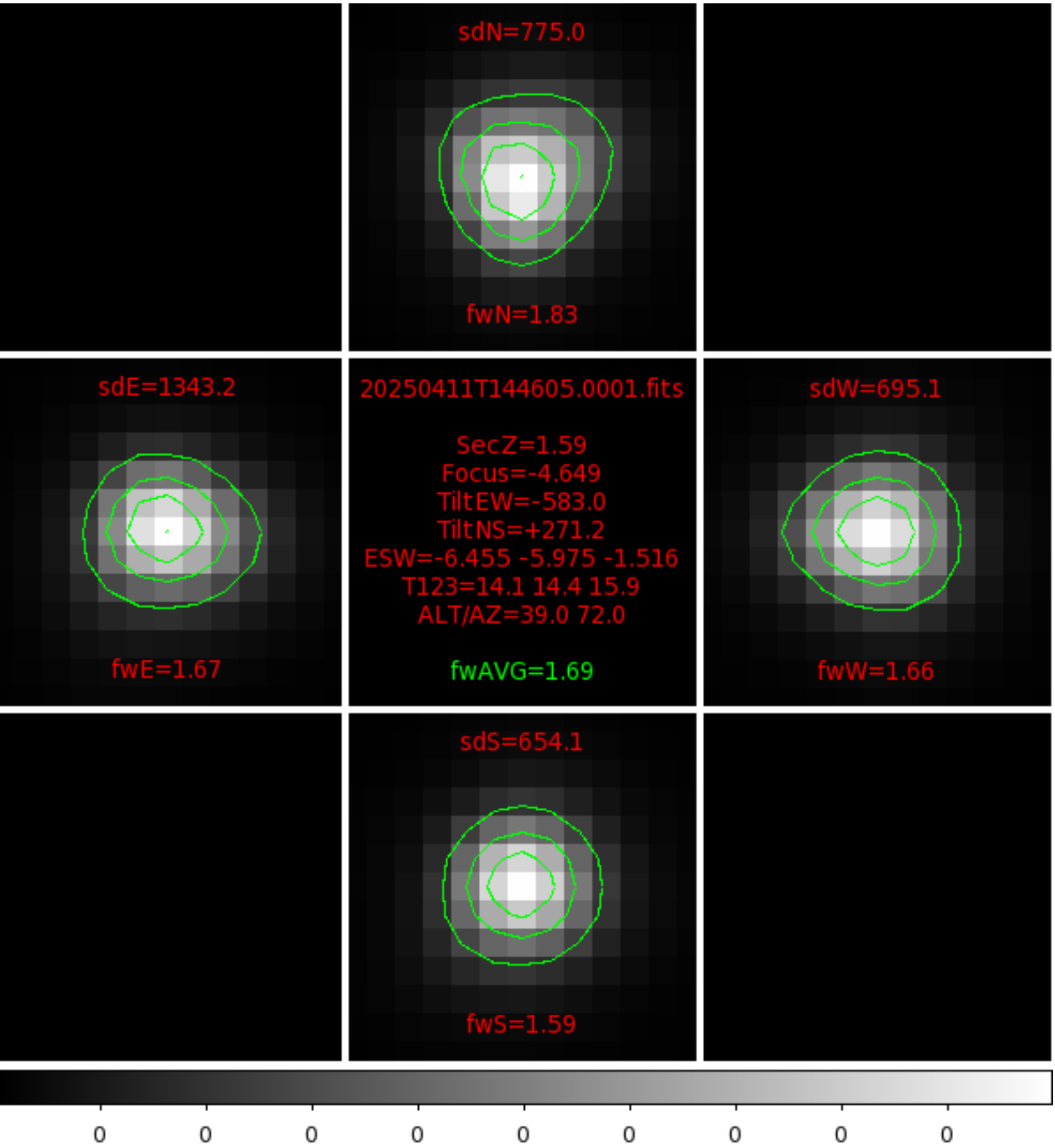
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sdE=1343.2
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SecZ=1.59
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=14.1 14.4 15.9
ALT/AZ=39.0 72.0
fwAVG=1.69
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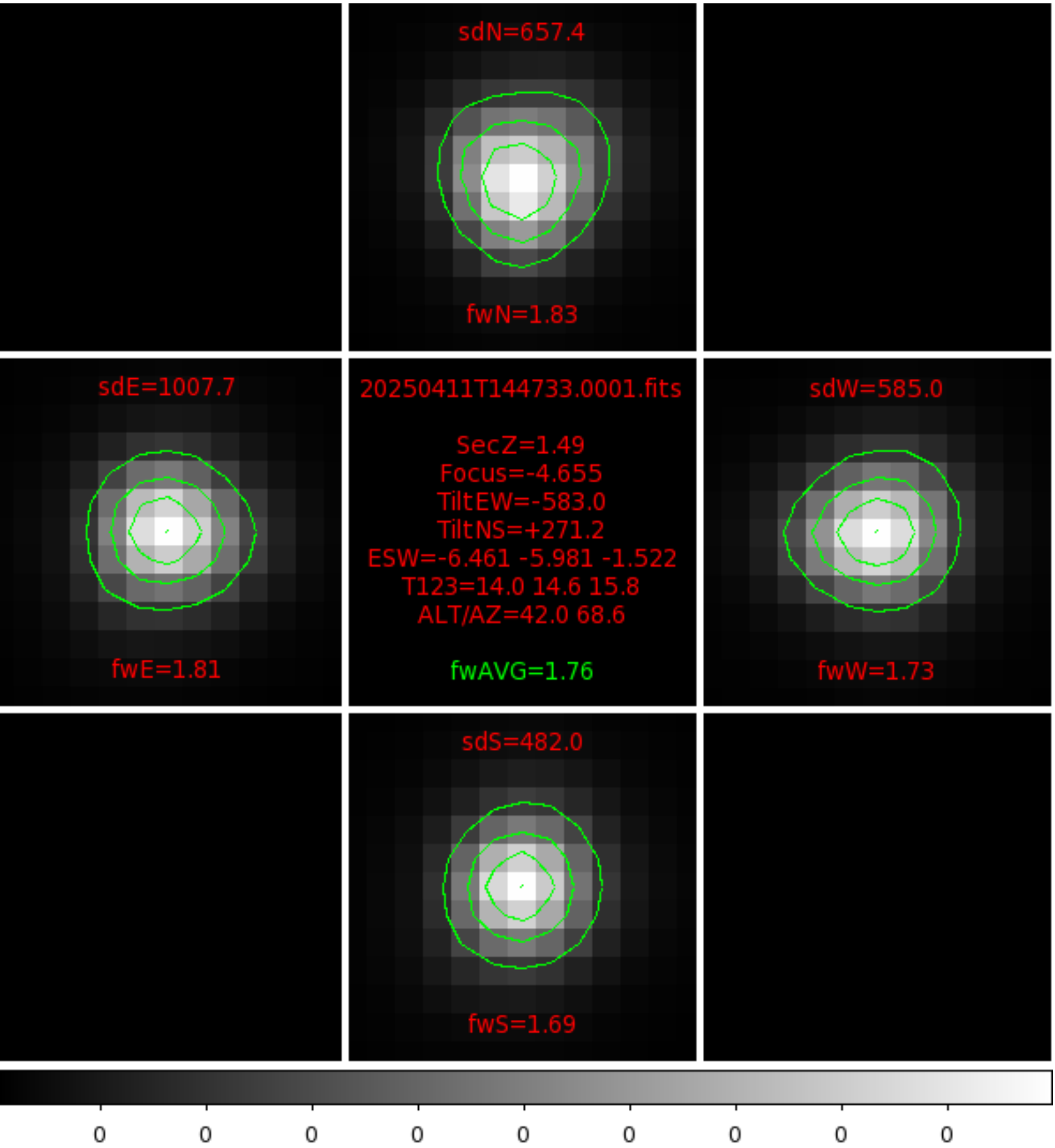
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SecZ=1.49
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=14.0 14.6 15.8
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fwAVG=1.76
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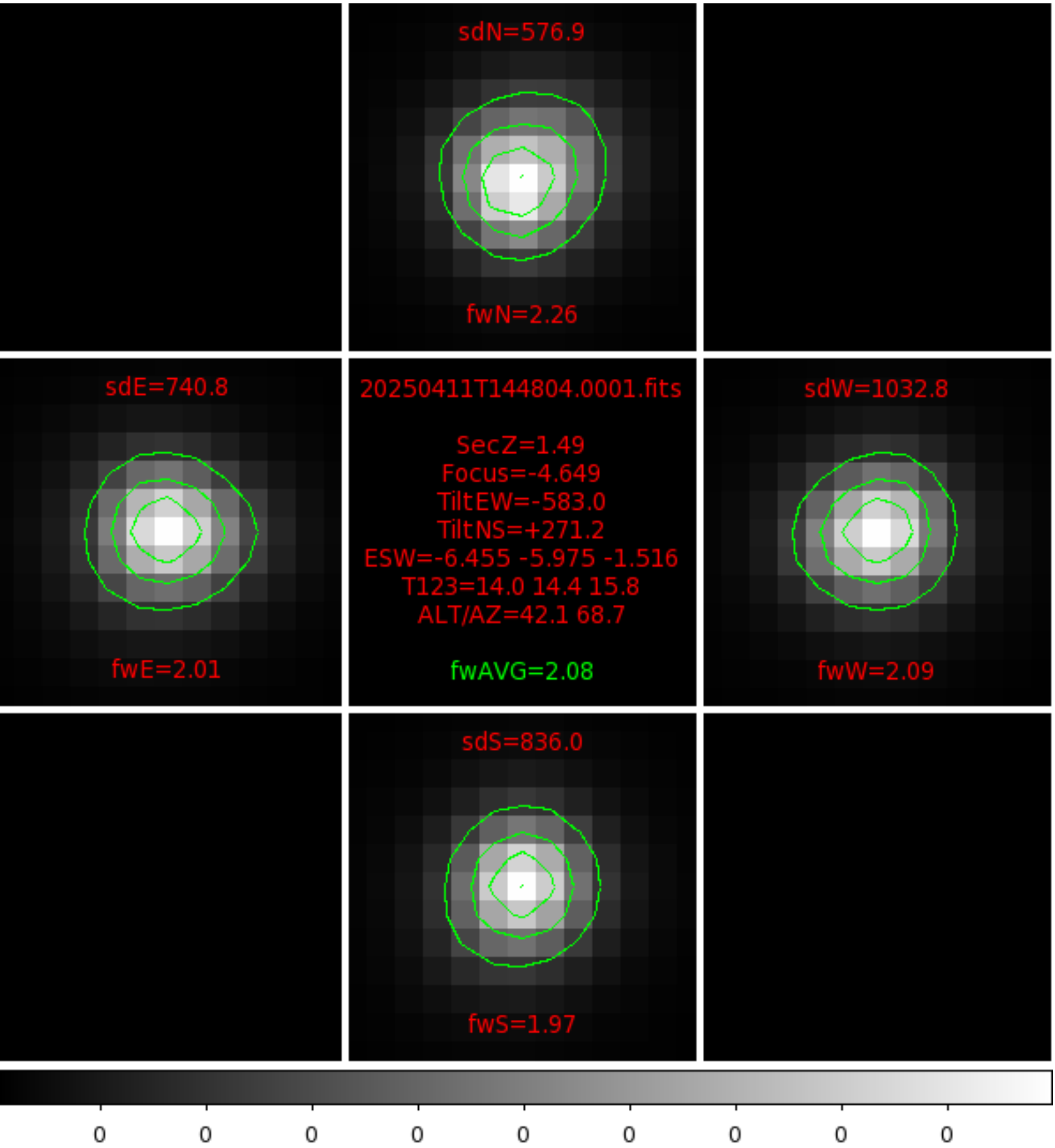
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TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=14.0 14.4 15.8
ALT/AZ=42.1 68.7
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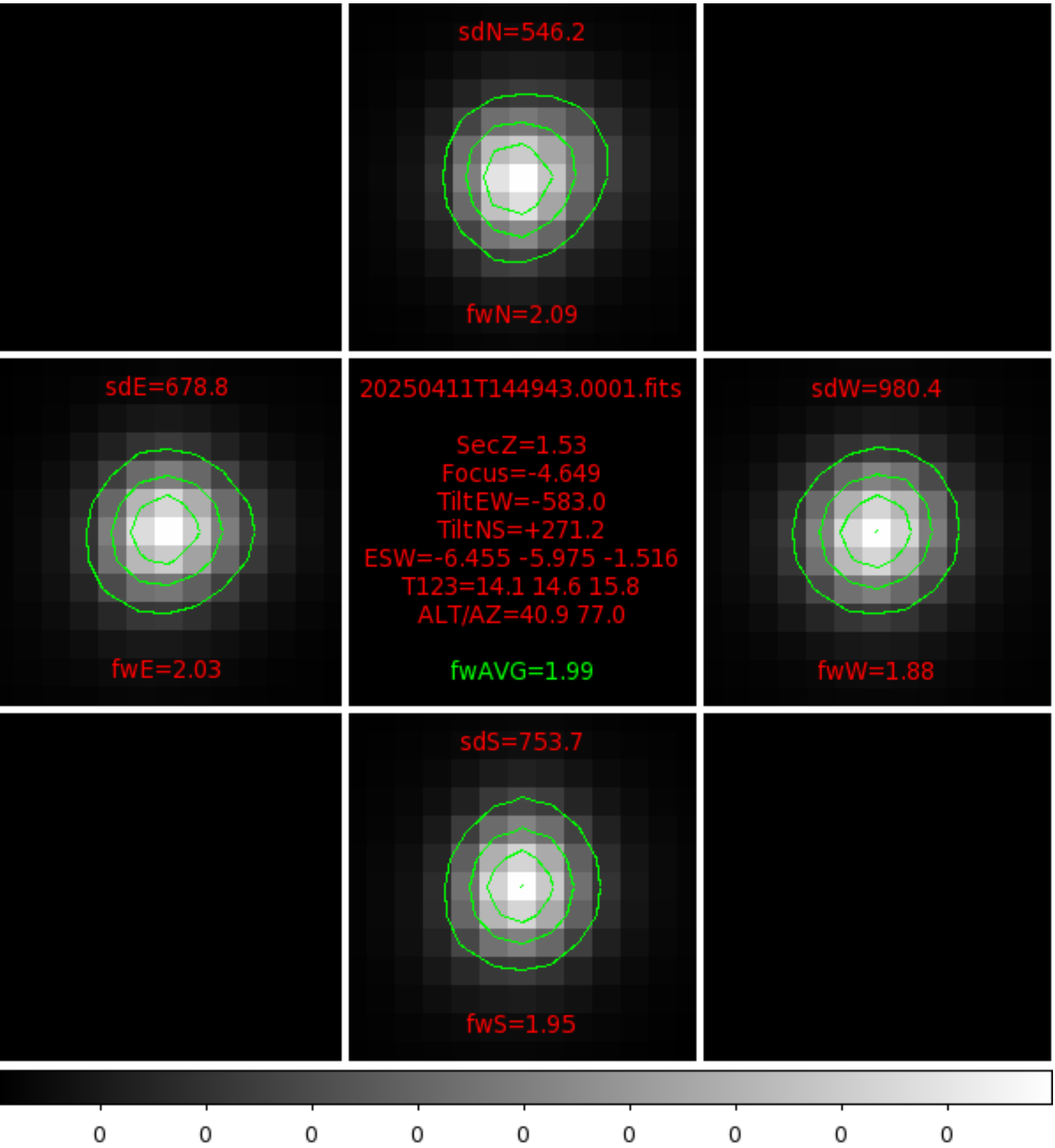
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TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=14.1 14.6 15.8
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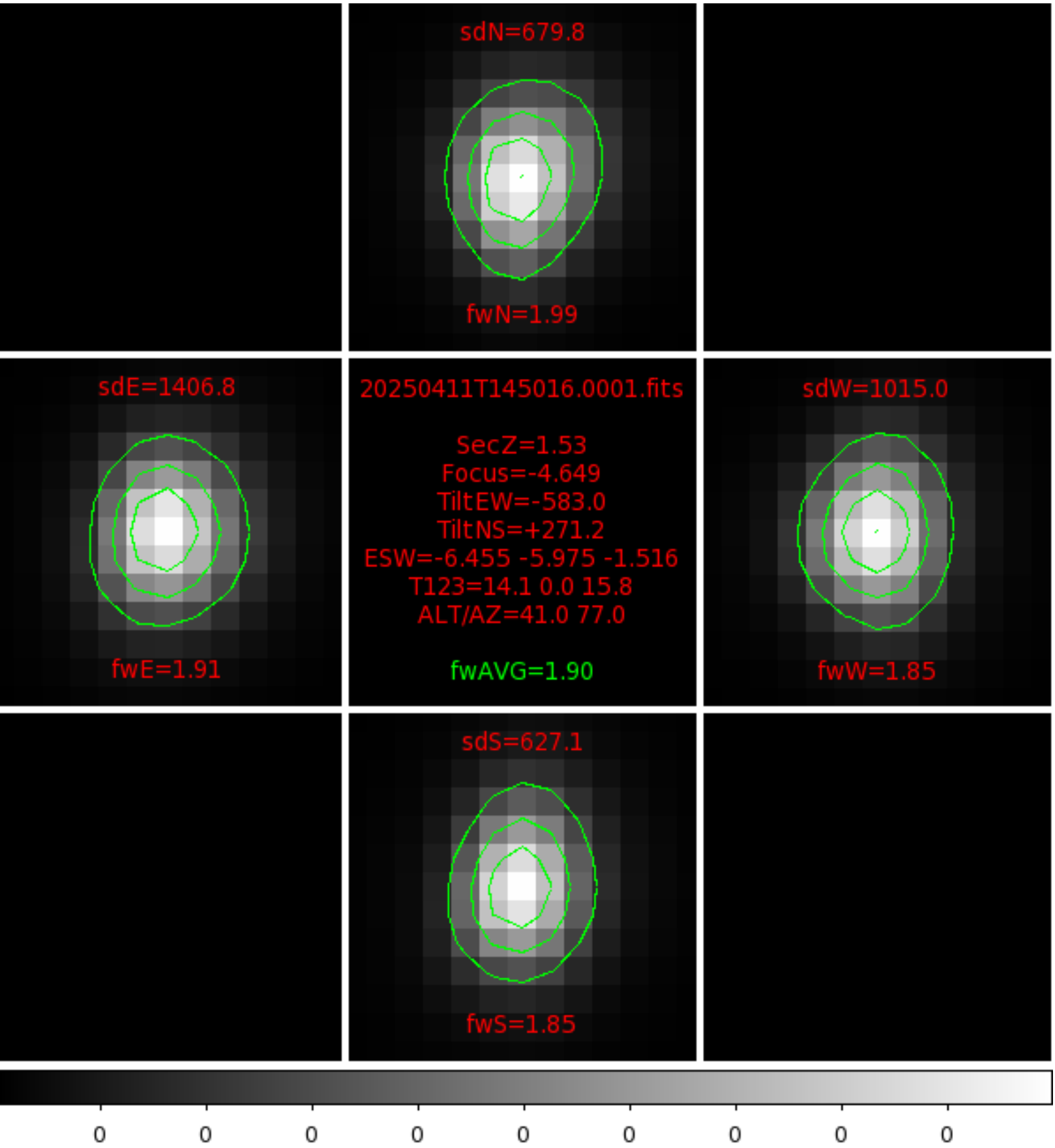
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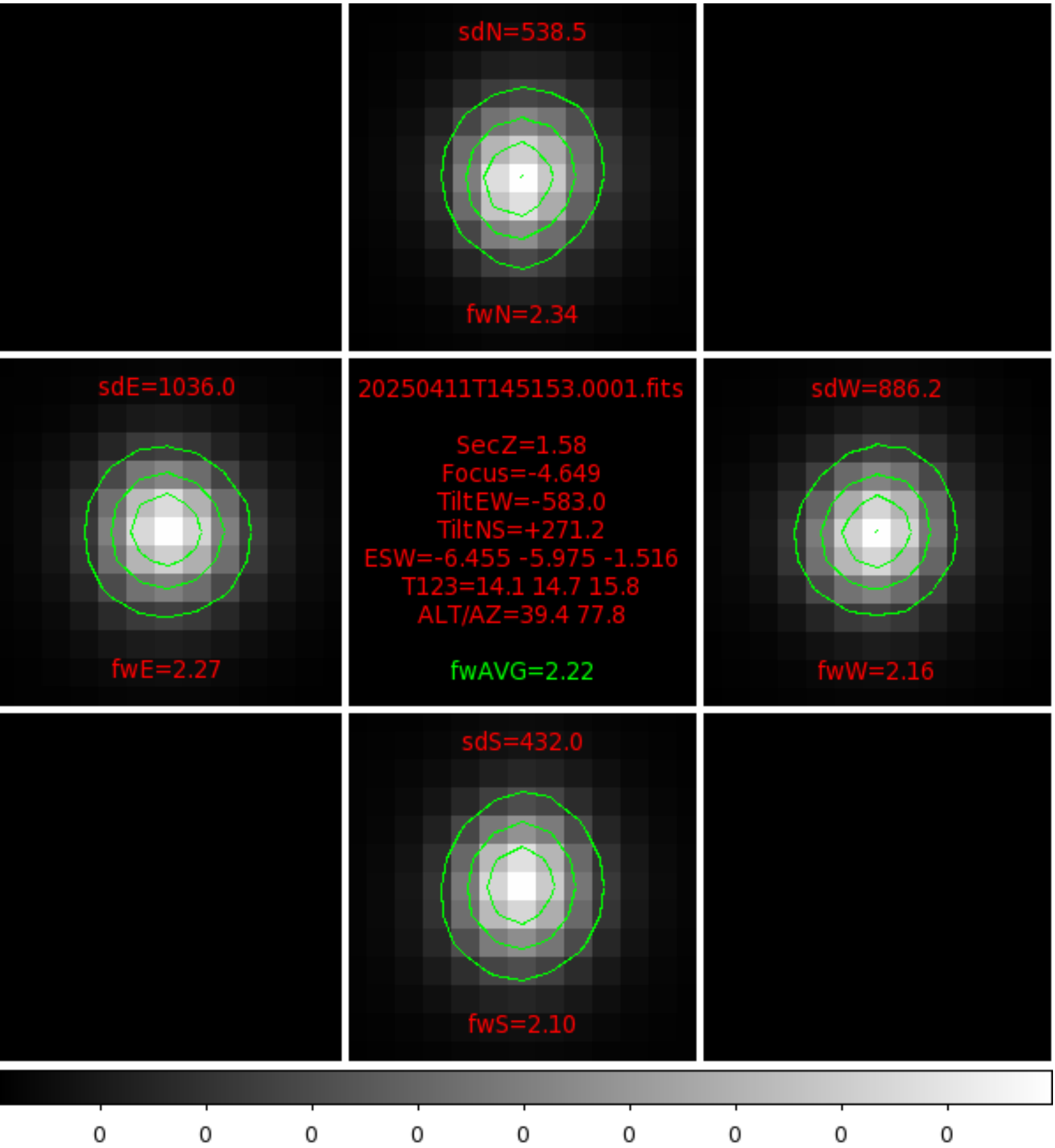
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SecZ=1.58
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ESW=-6.455 -5.975 -1.516
T123=14.1 14.7 15.8
ALT/AZ=39.4 77.8
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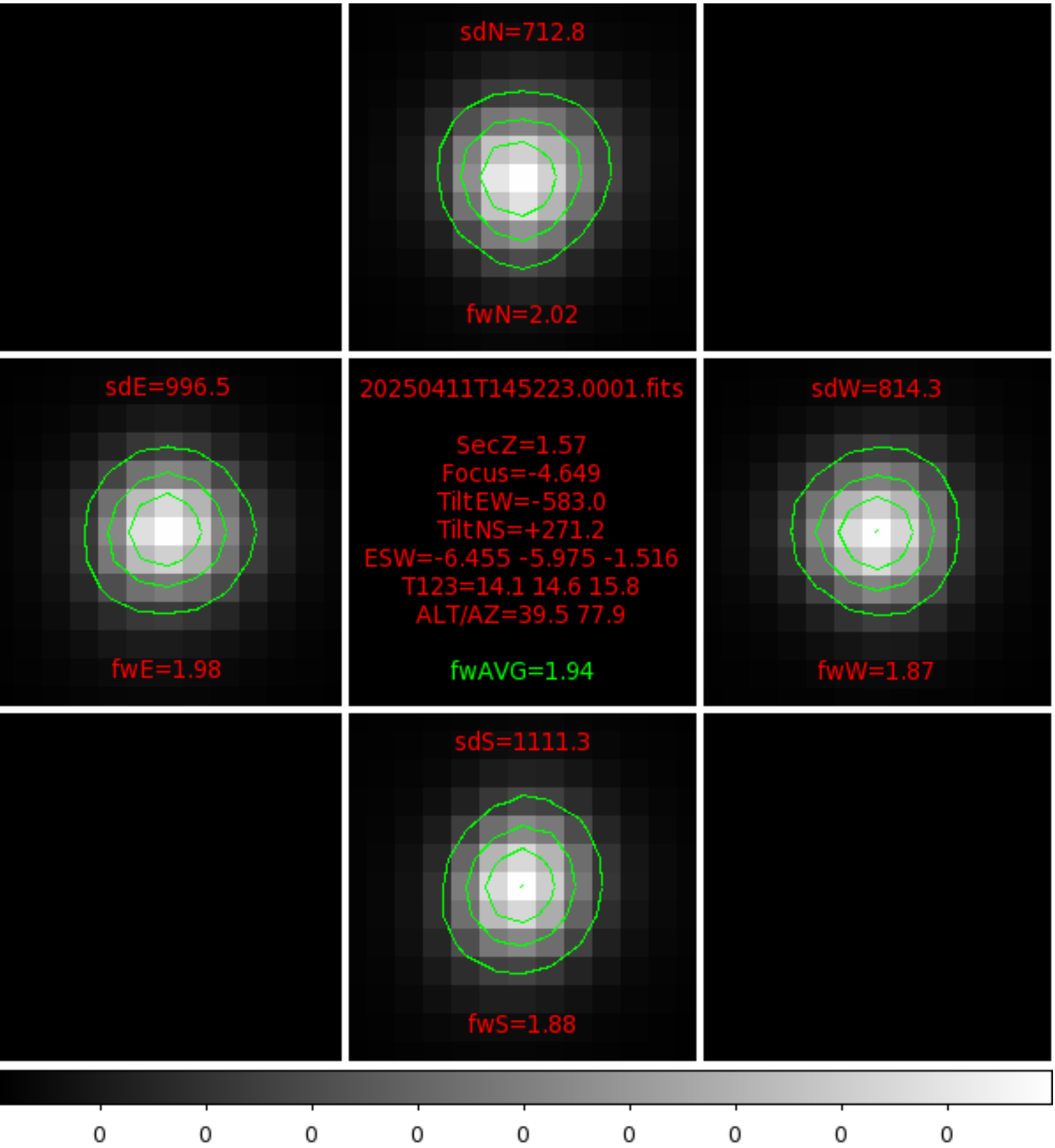
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TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=14.1 14.6 15.8
ALT/AZ=39.5 77.9
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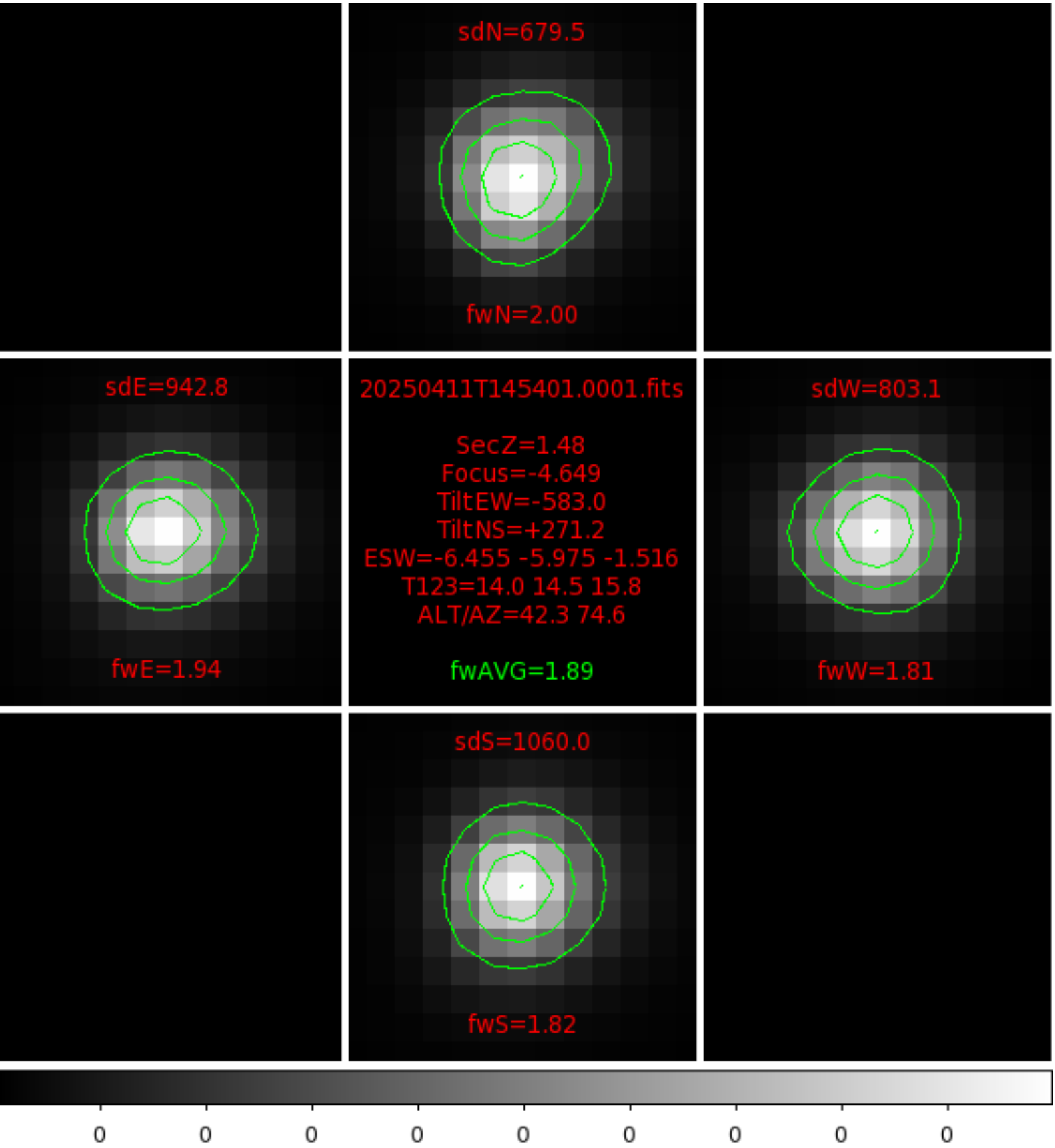
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TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=14.0 14.5 15.8
ALT/AZ=42.3 74.6
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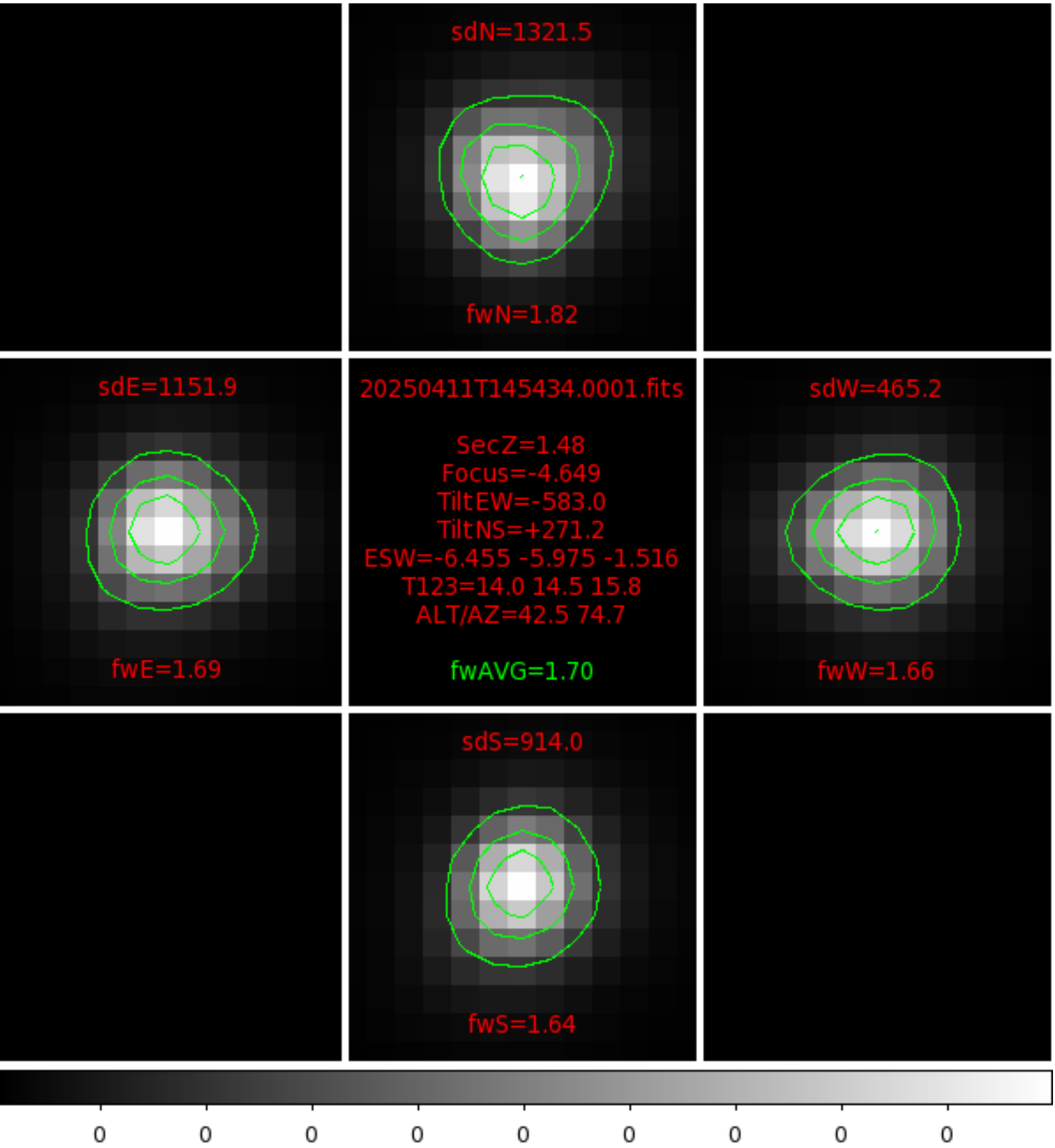
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Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=14.0 14.5 15.8
ALT/AZ=42.5 74.7
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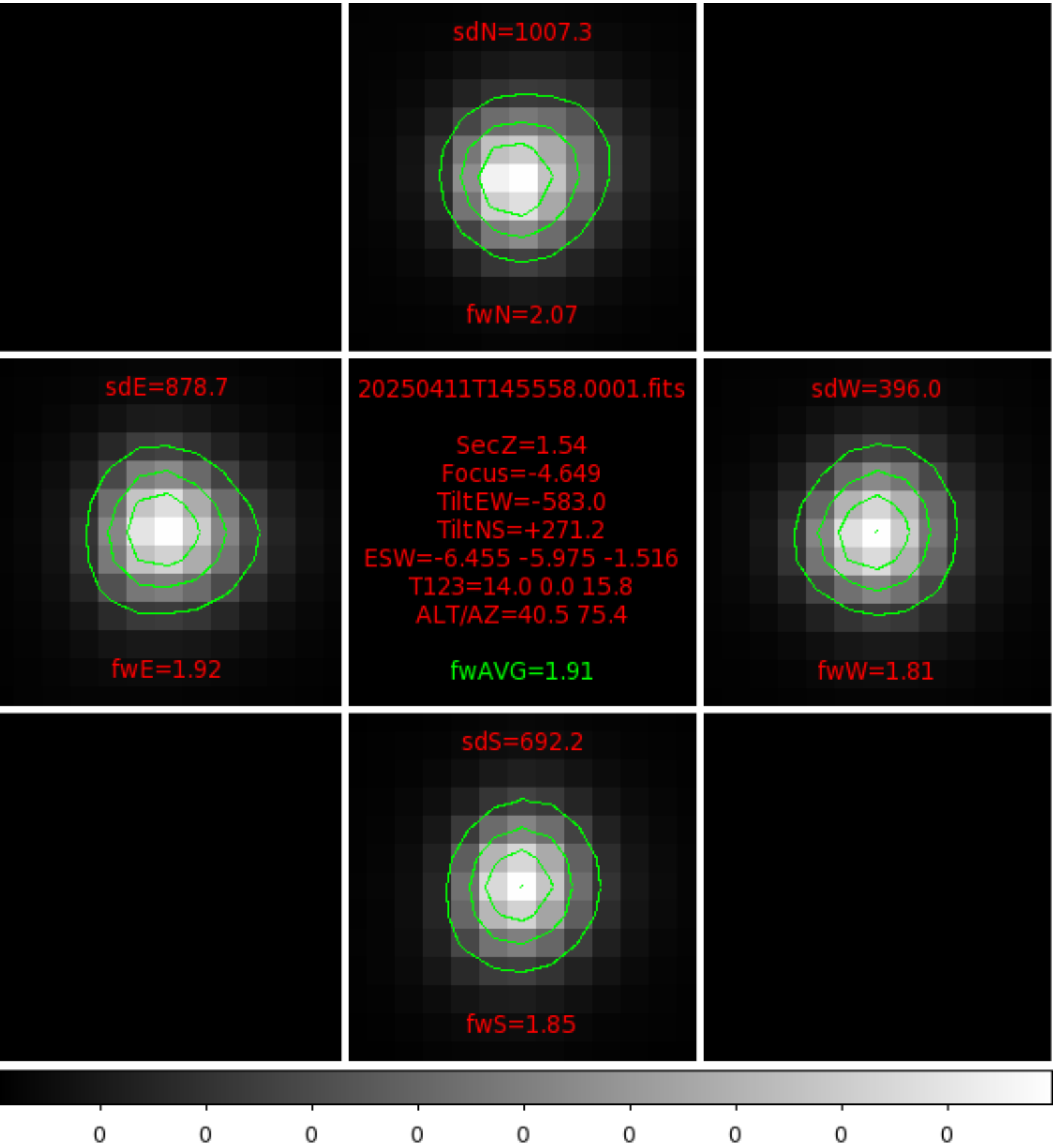
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SecZ=1.54
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=14.0 0.0 15.8
ALT/AZ=40.5 75.4
fwAVG=1.91
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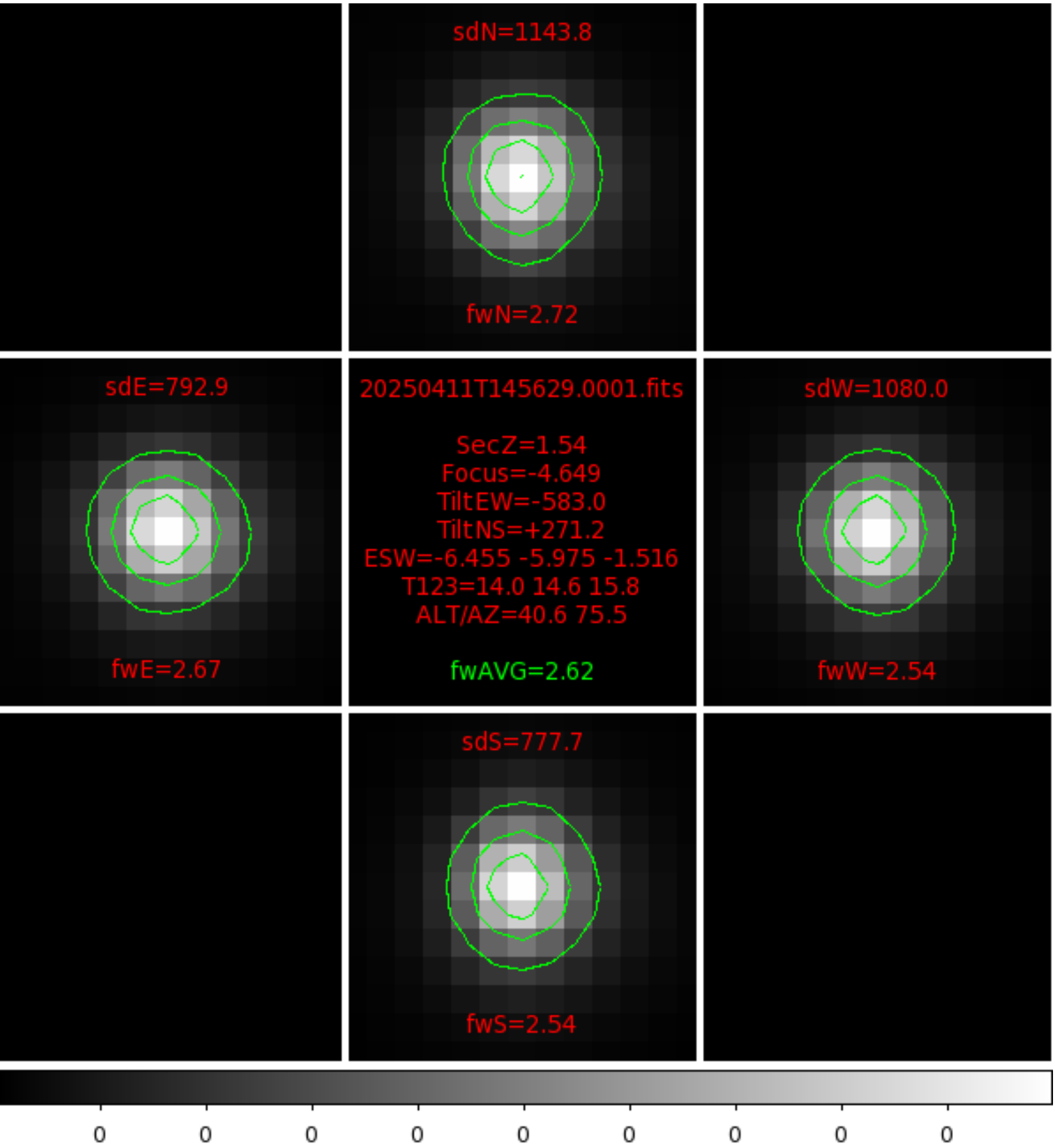
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TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=14.0 14.6 15.8
ALT/AZ=40.6 75.5
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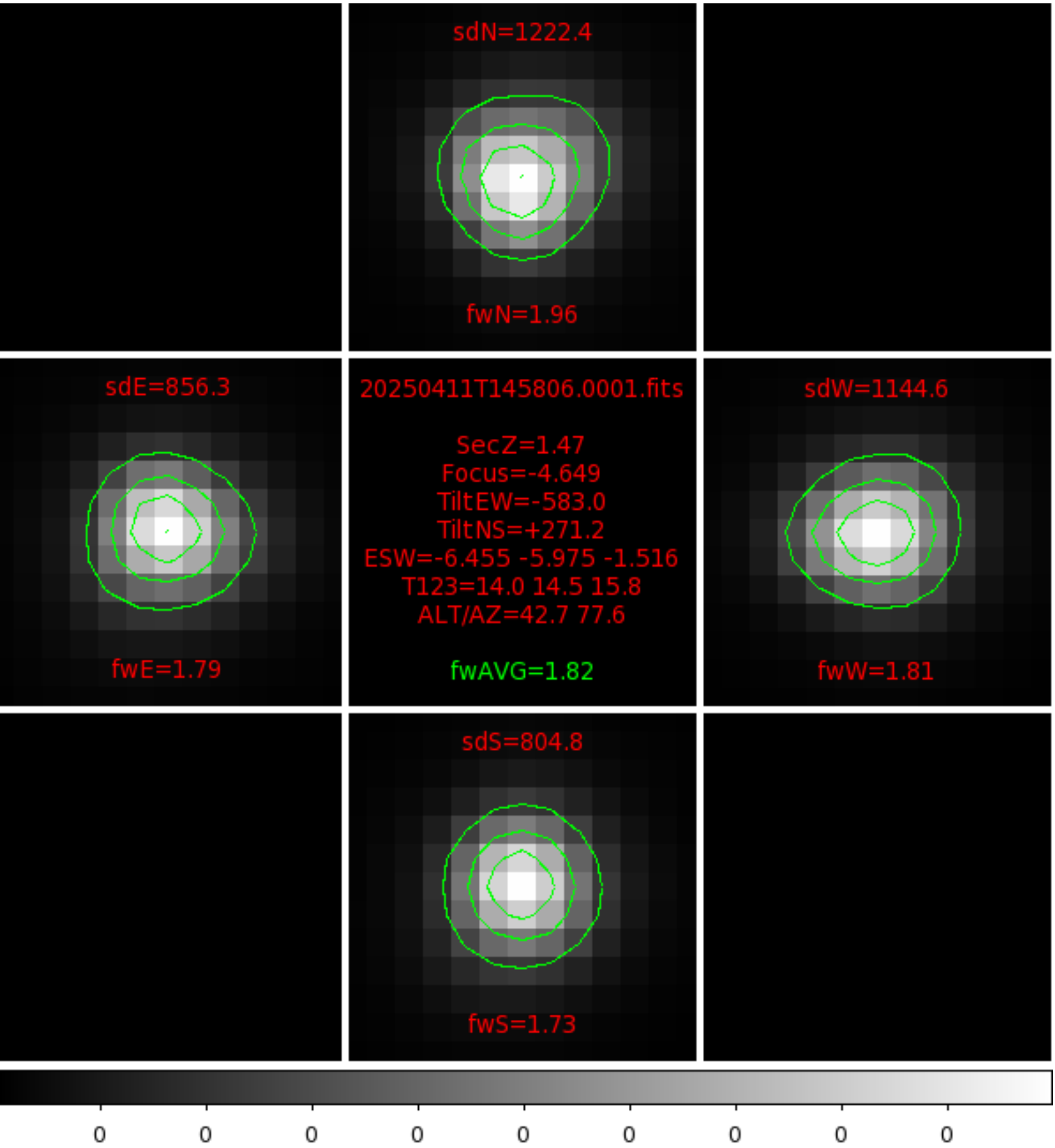
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Focus=-4.649
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TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=14.0 14.5 15.8
ALT/AZ=42.7 77.6
fwAVG=1.82
sdW=1144.6
fwW=1.81
sdS=804.8
fwS=1.73
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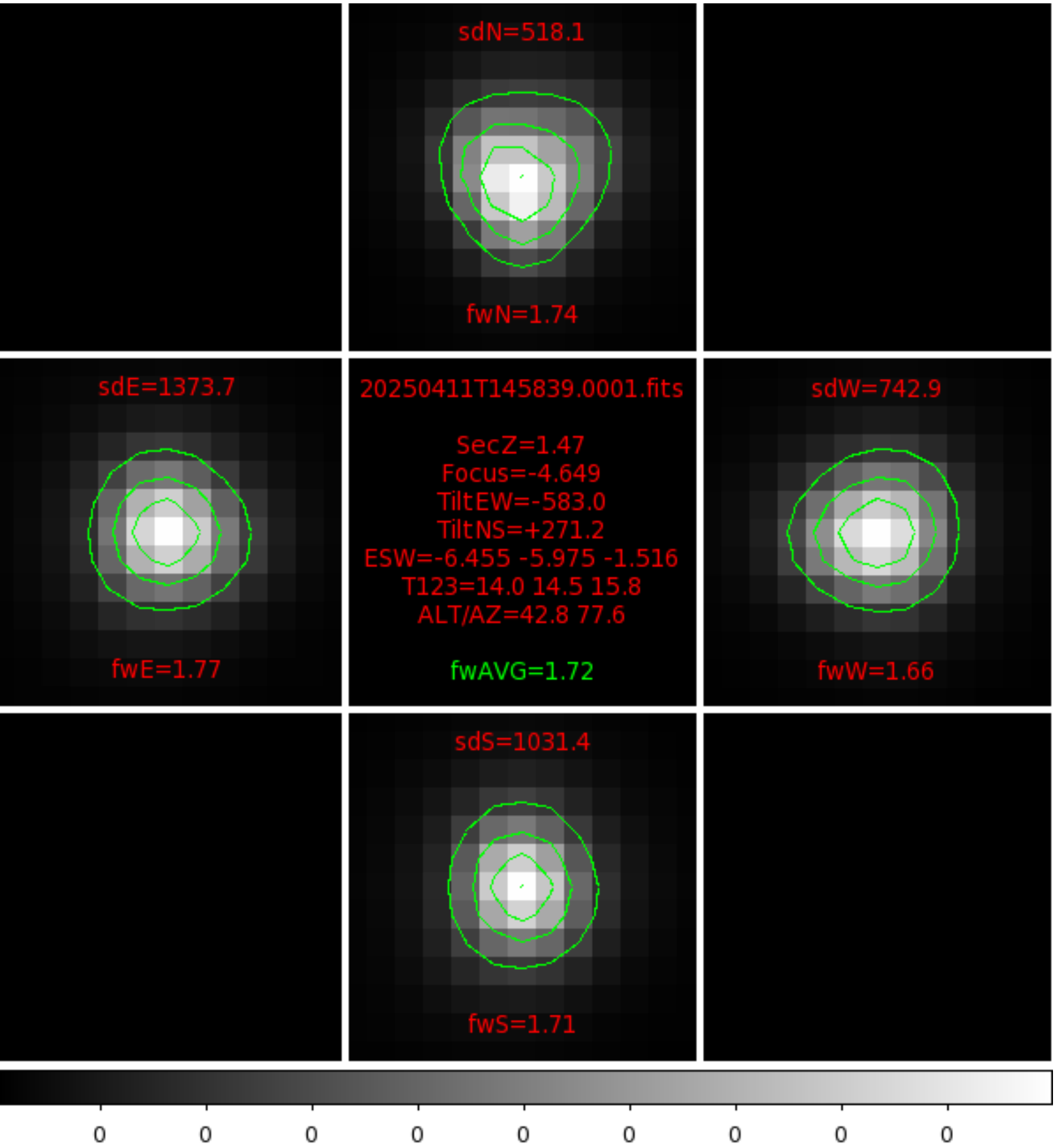
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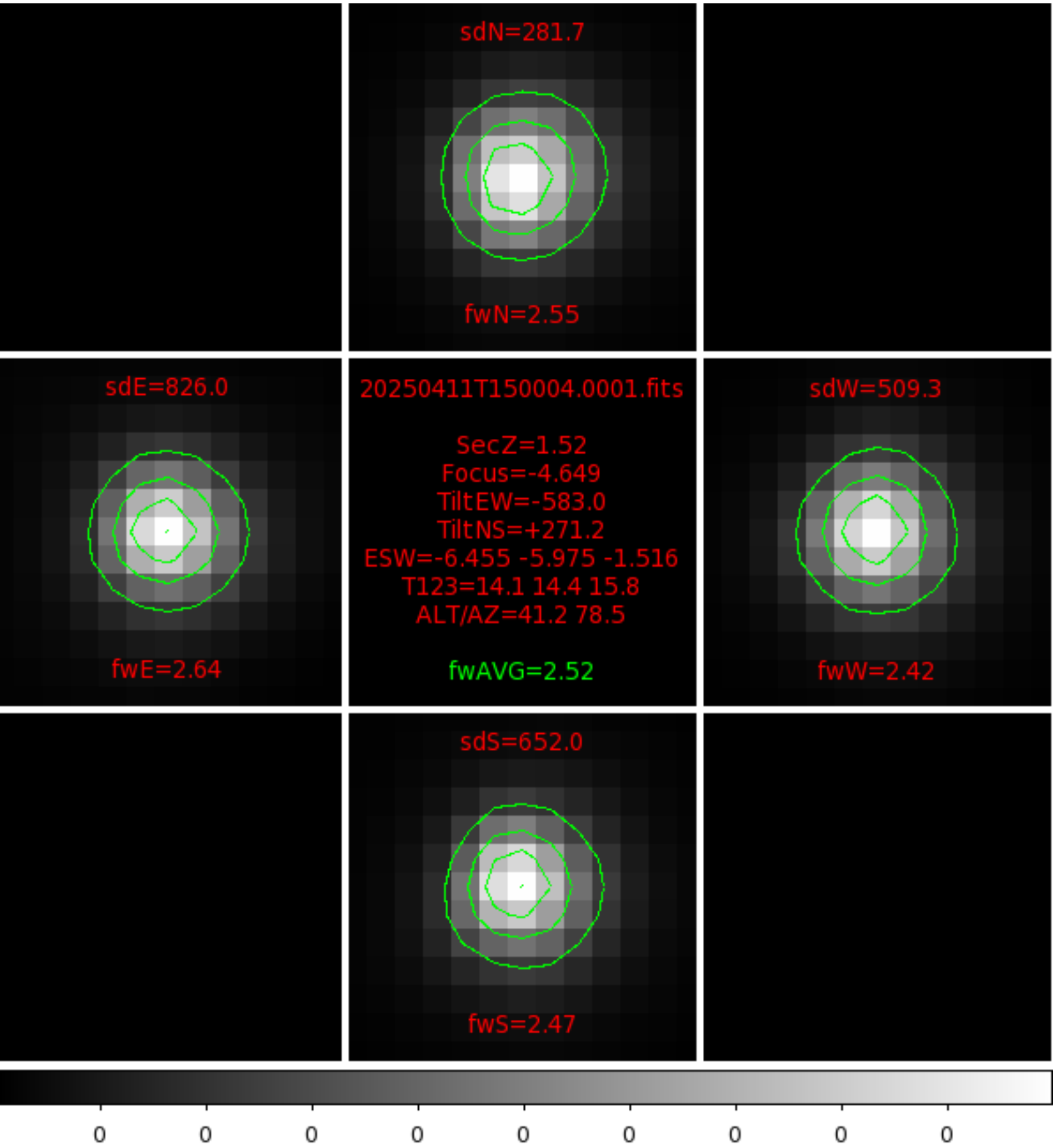
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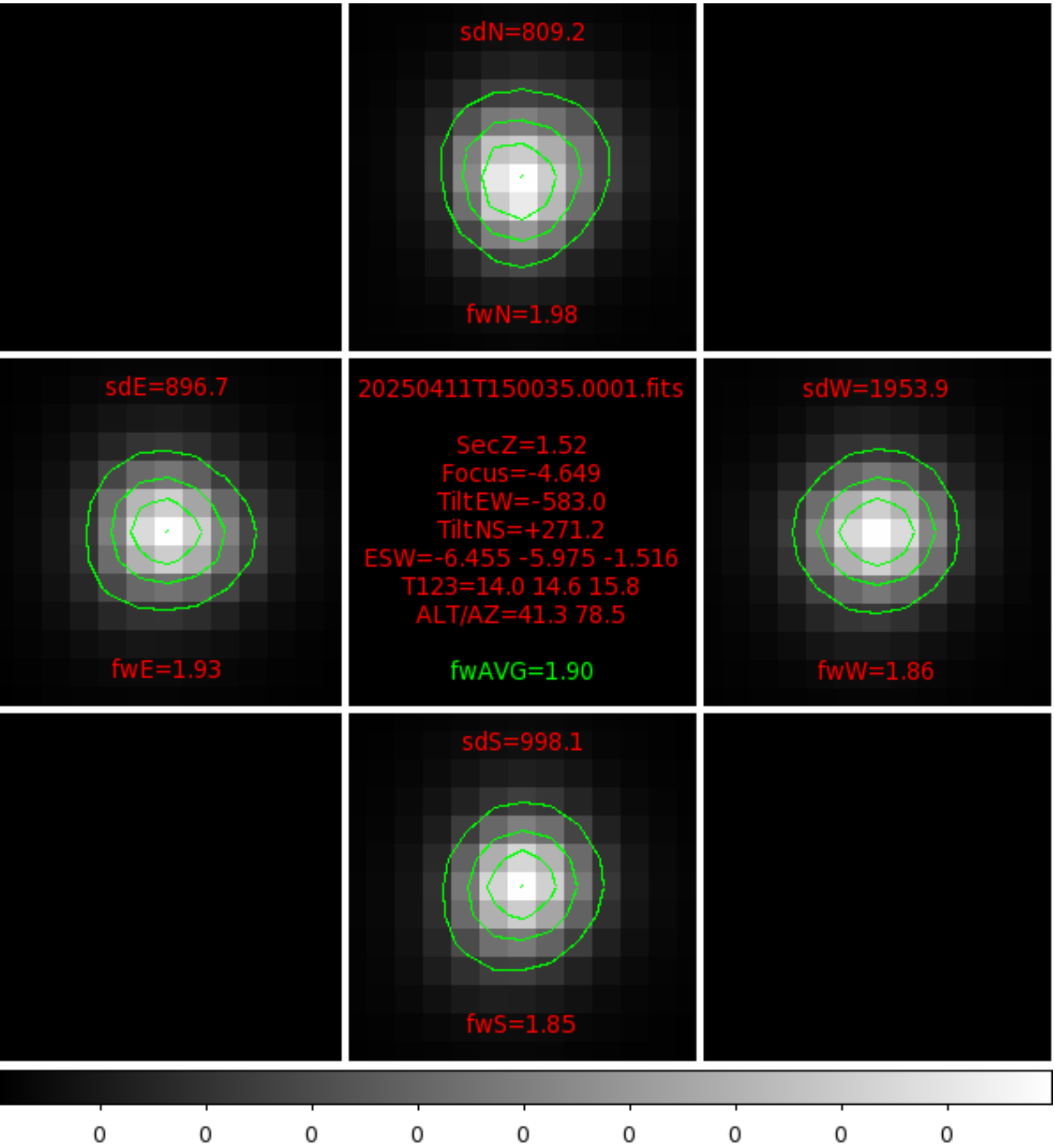
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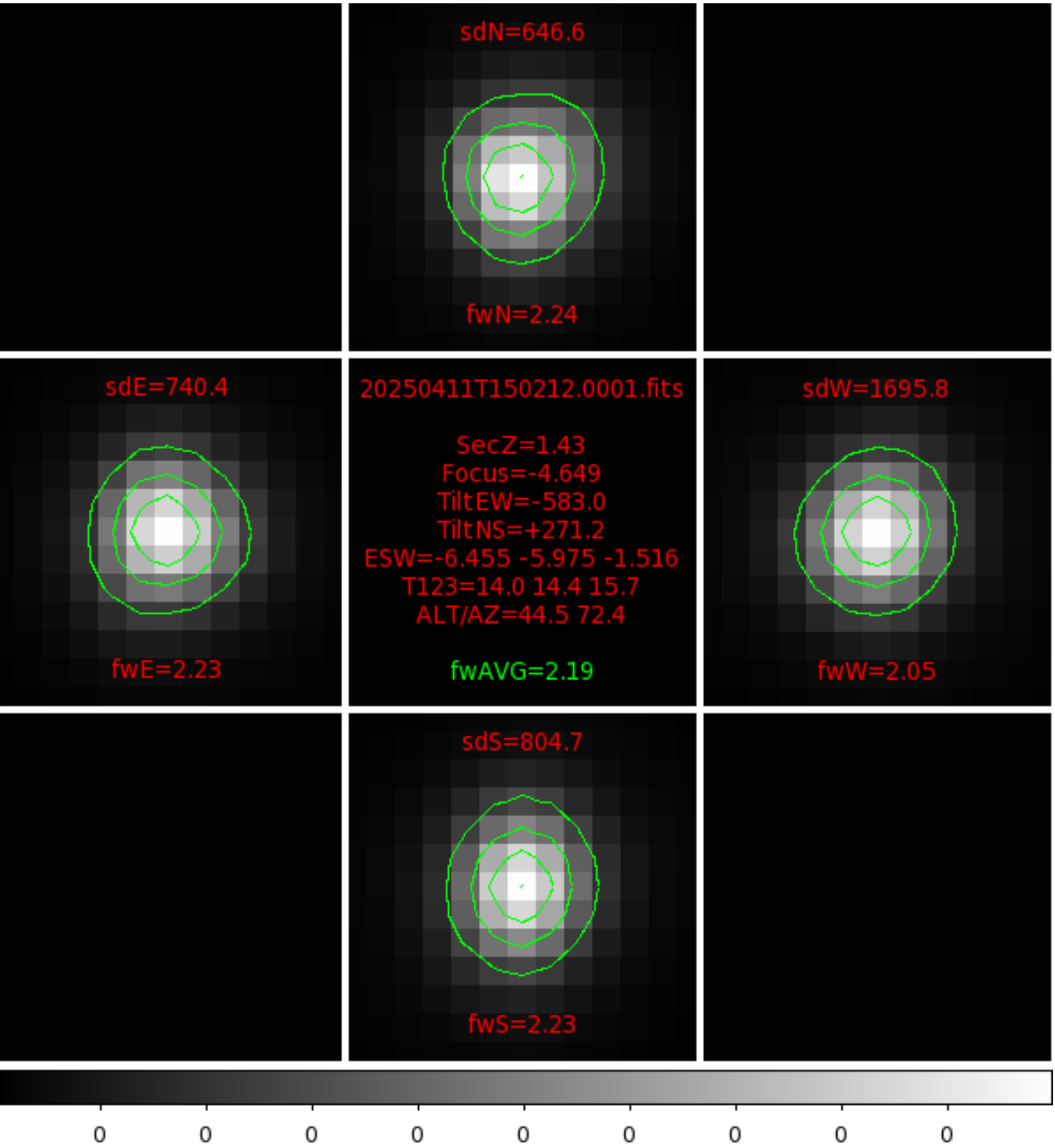
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T123=14.0 14.4 15.7
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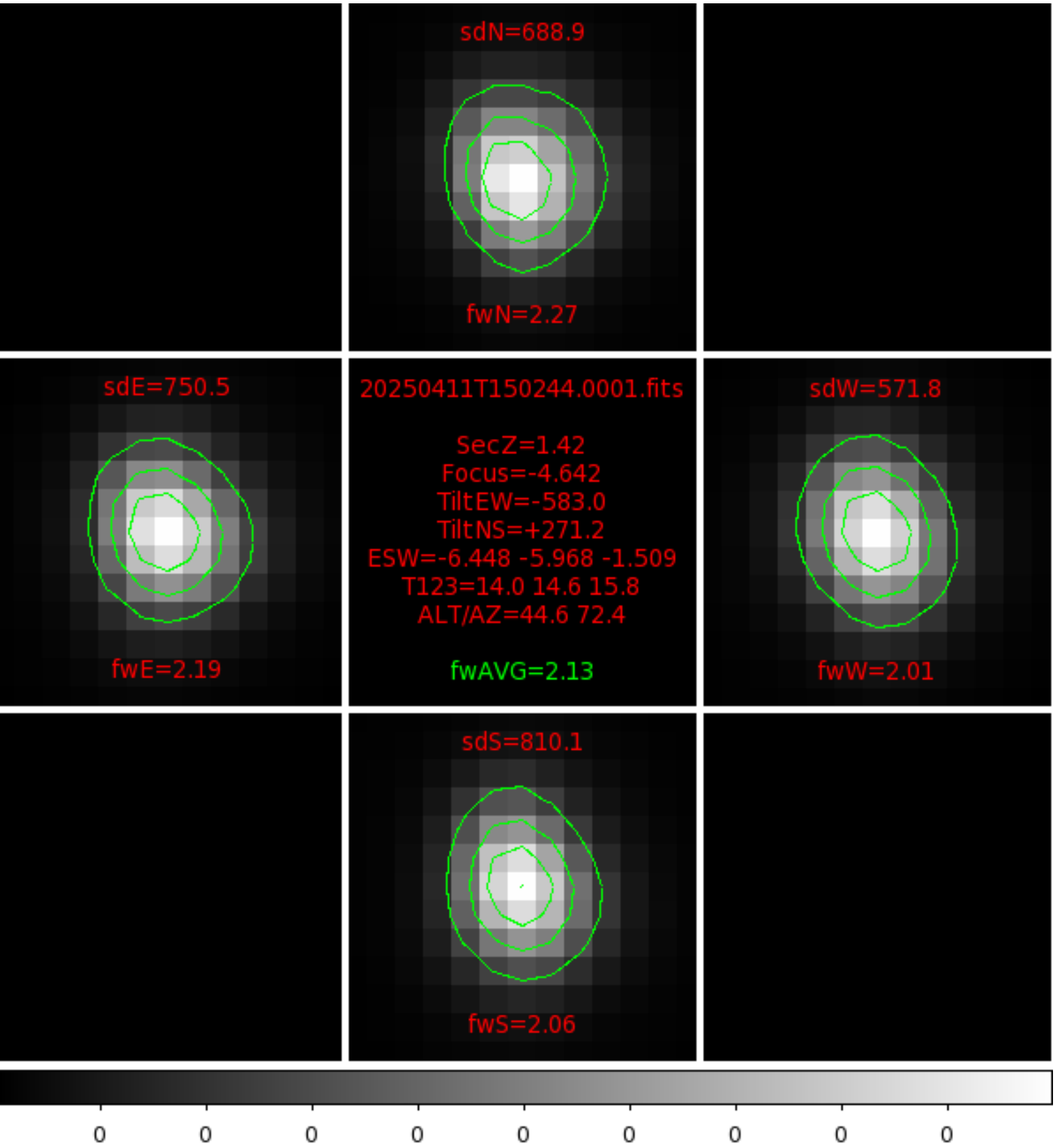
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TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=14.0 14.6 15.8
ALT/AZ=44.6 72.4
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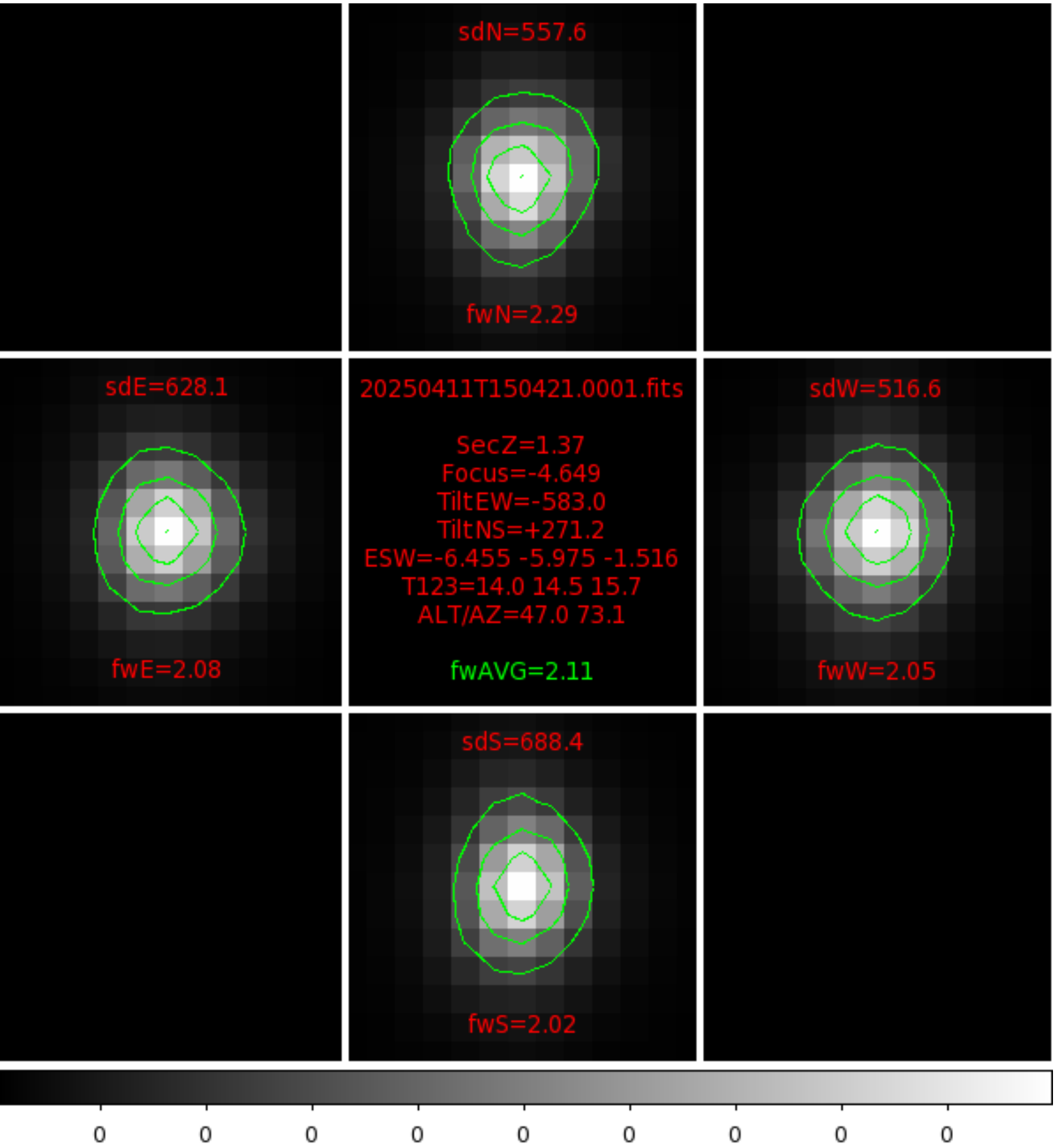
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TiltNS=+271.2
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T123=14.0 14.5 15.7
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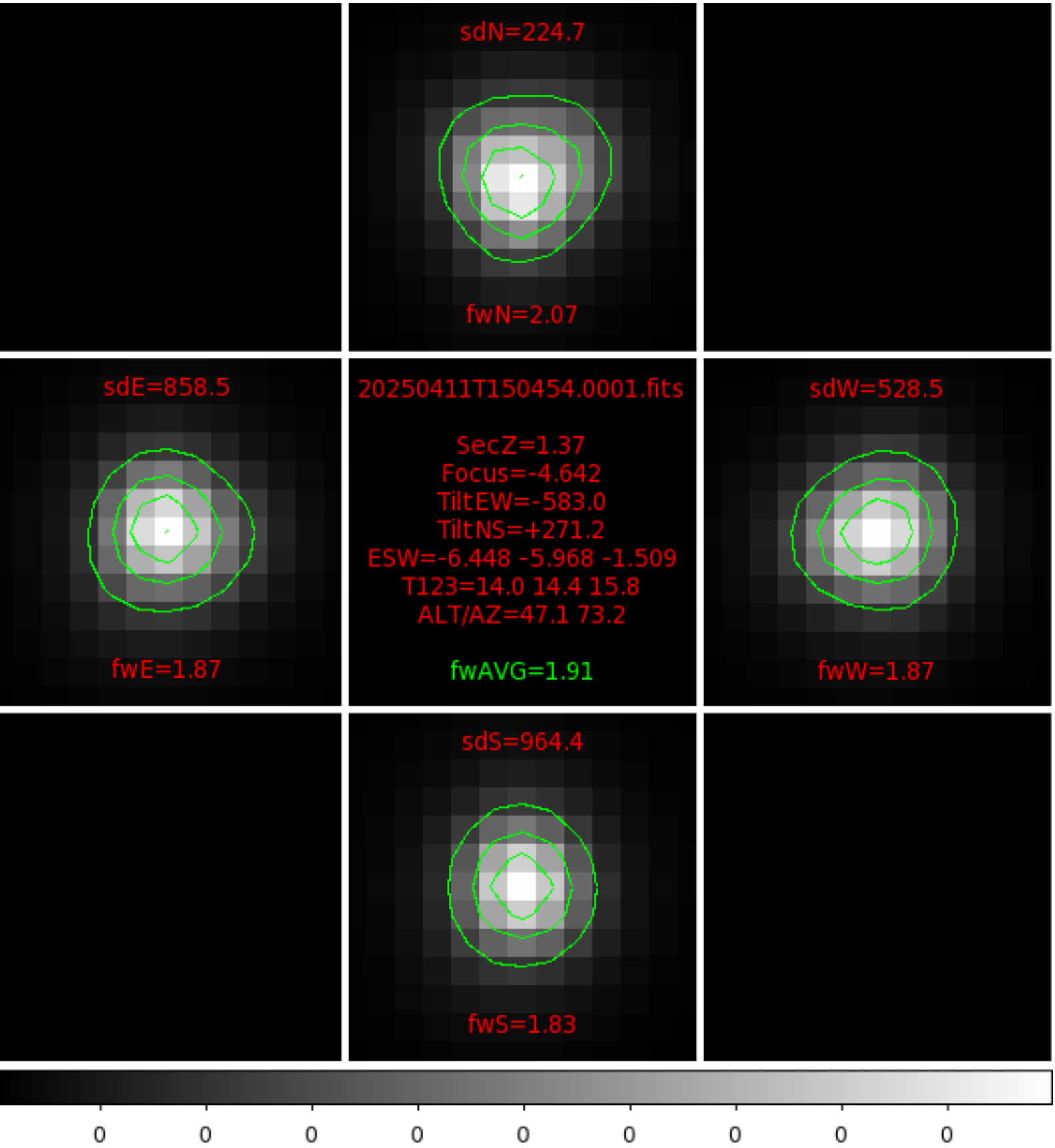
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SecZ=1.37
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=14.0 14.4 15.8
ALT/AZ=47.1 73.2
fwAVG=1.91
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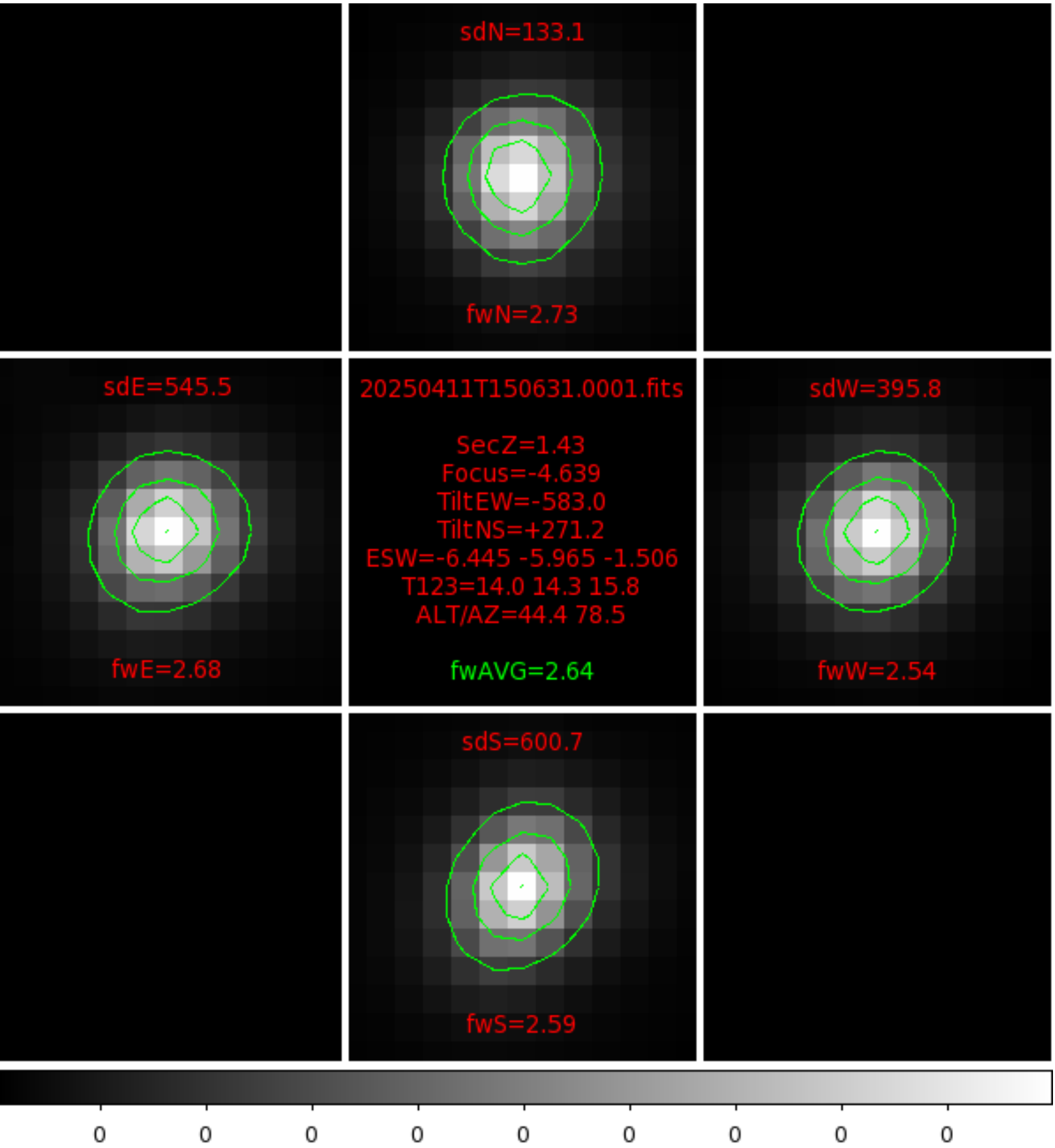
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T123=14.0 14.3 15.8
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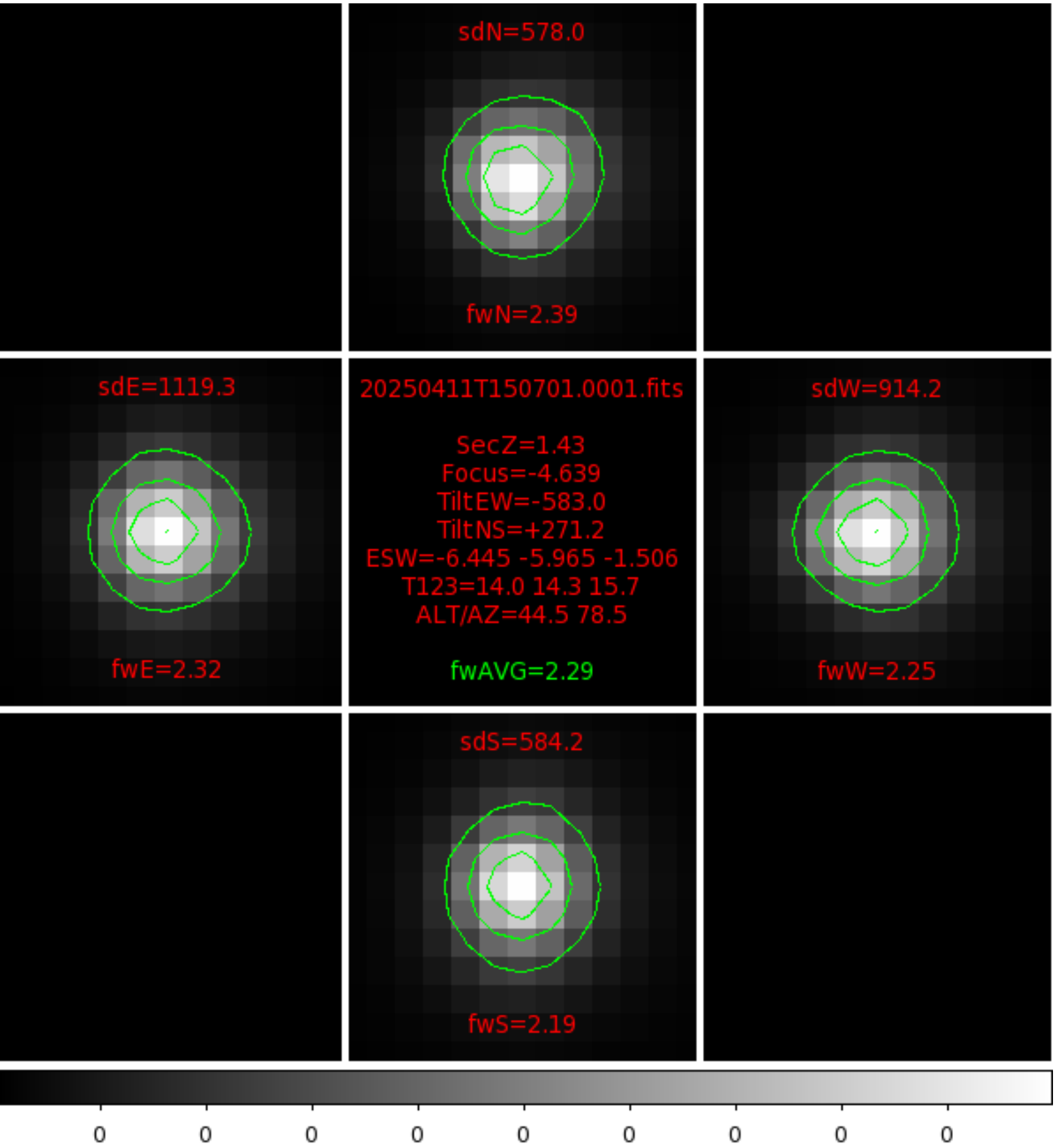
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.445 -5.965 -1.506
T123=14.0 14.3 15.7
ALT/AZ=44.5 78.5
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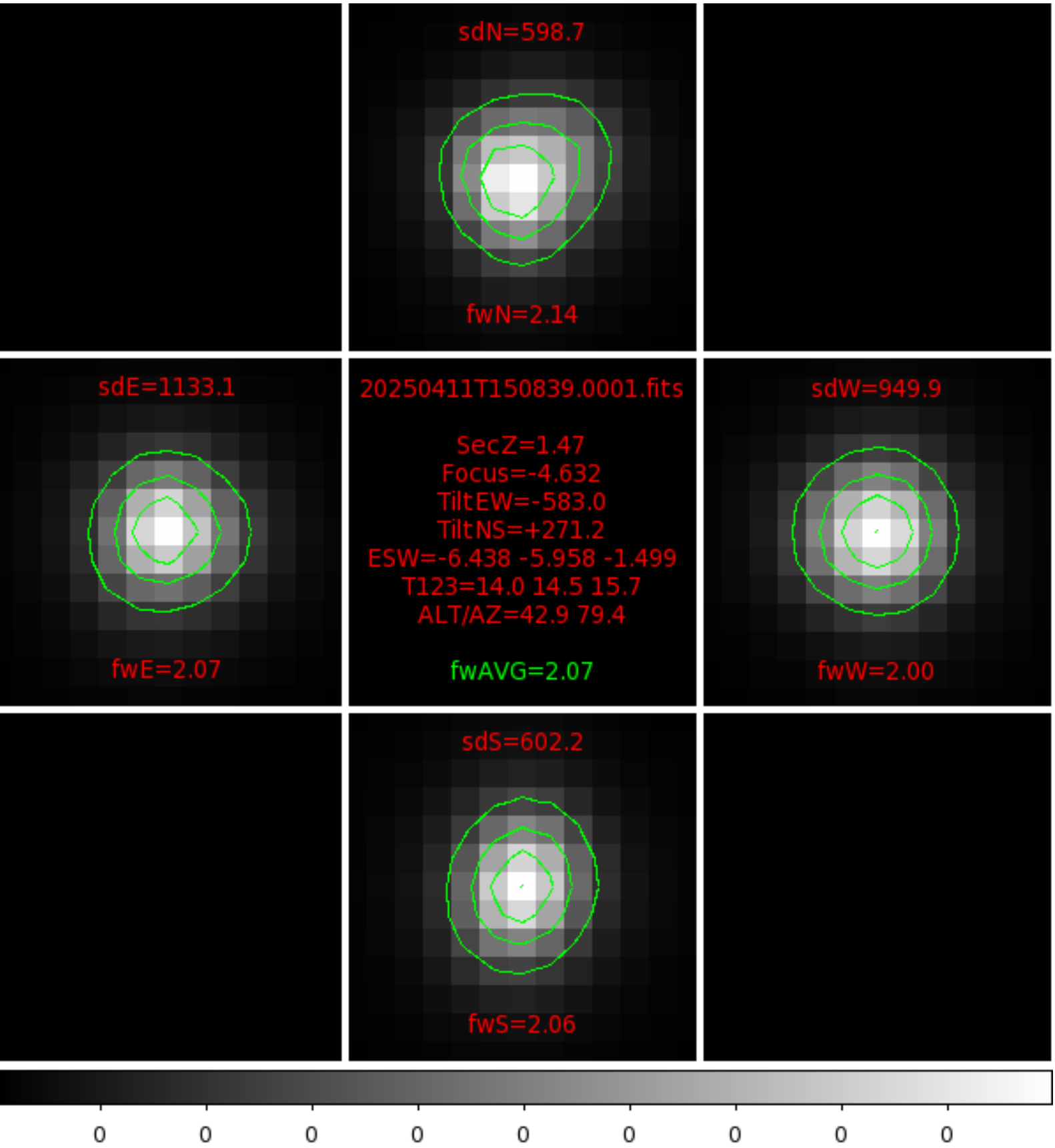
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TiltEW=-583.0
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ESW=-6.438 -5.958 -1.499
T123=14.0 14.5 15.7
ALT/AZ=42.9 79.4
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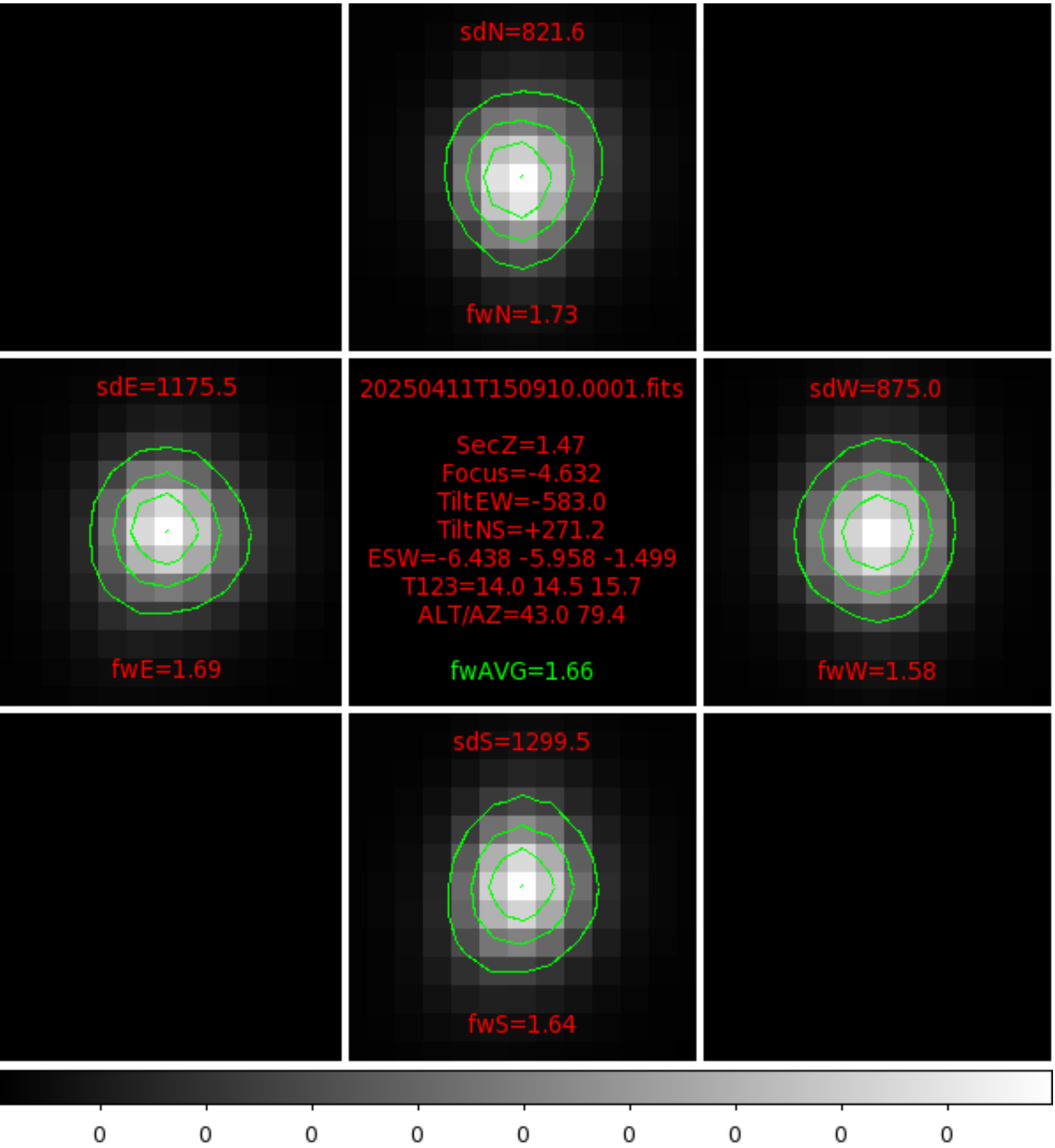
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.438 -5.958 -1.499
T123=14.0 14.5 15.7
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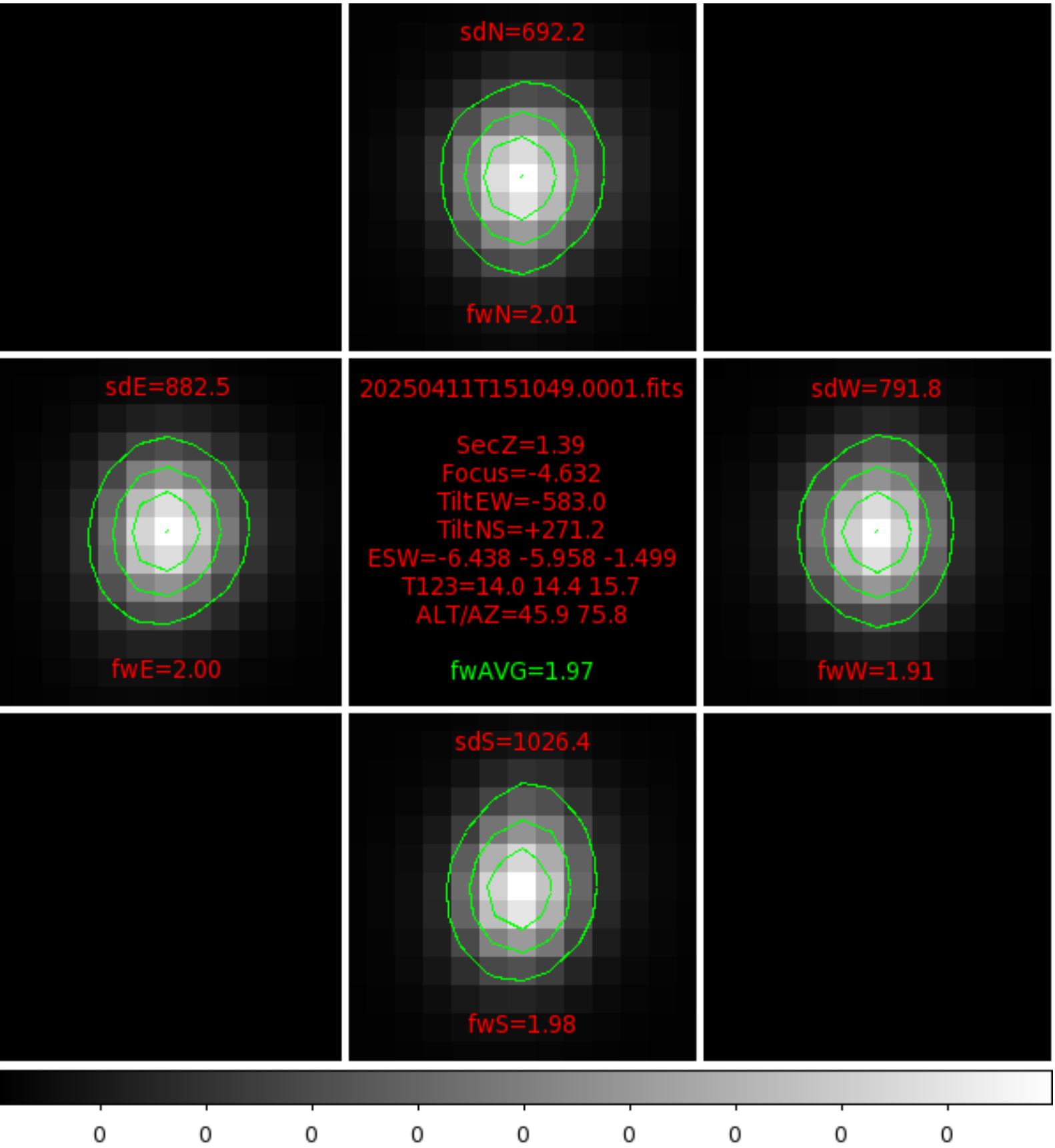
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ESW=-6.438 -5.958 -1.499
T123=14.0 14.4 15.7
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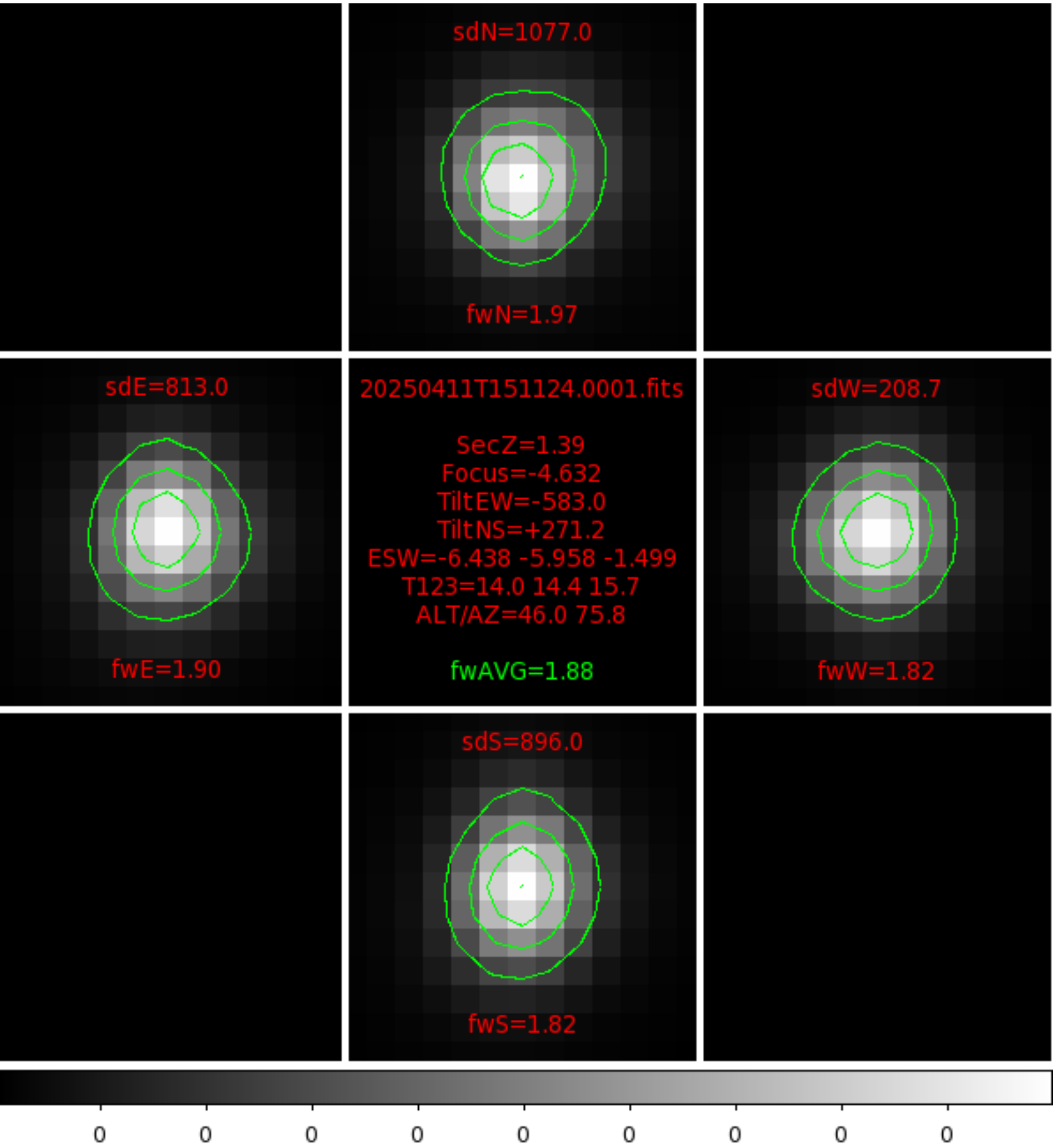
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TiltNS=+271.2
ESW=-6.438 -5.958 -1.499
T123=14.0 14.4 15.7
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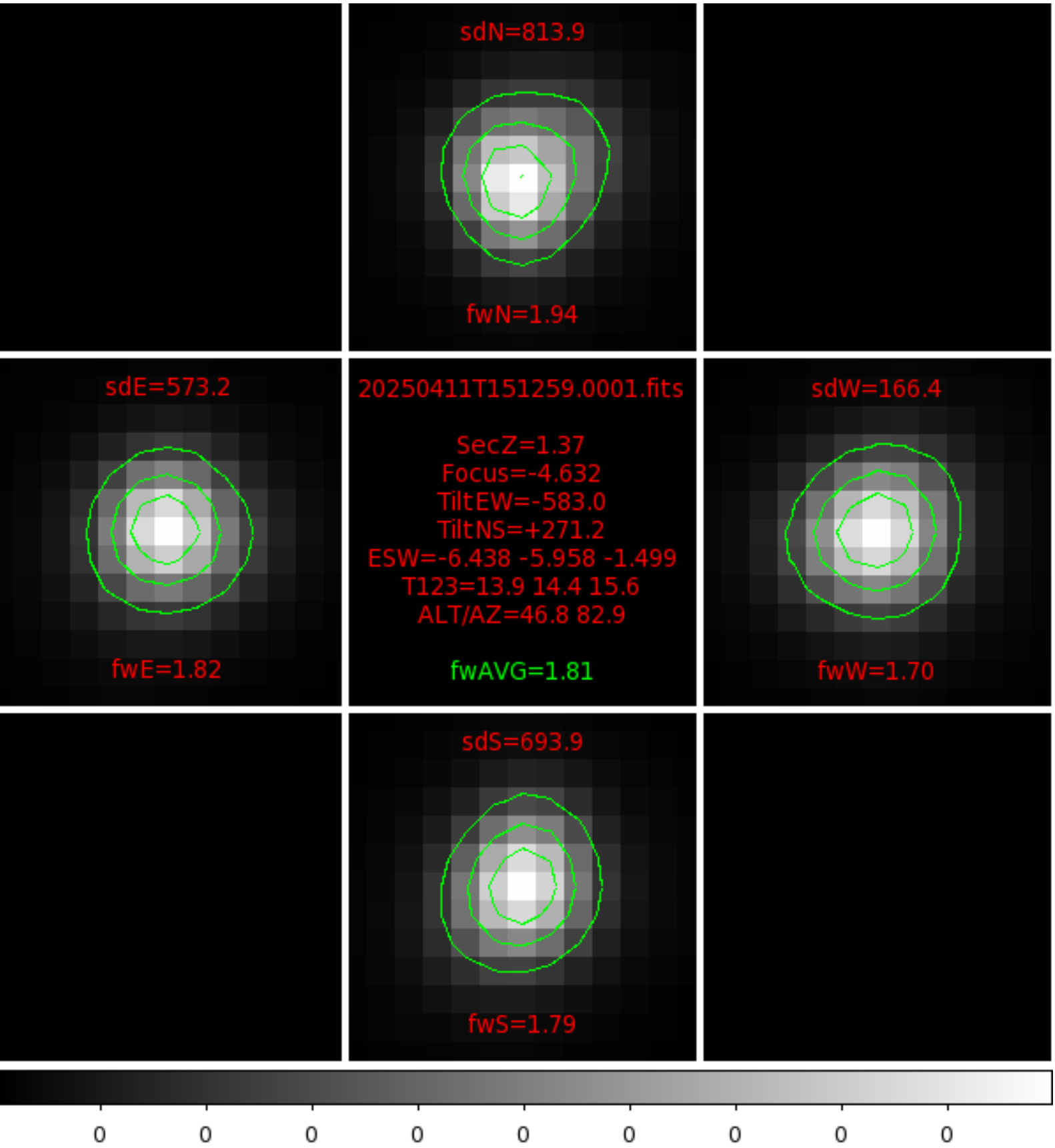
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SecZ=1.37
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TiltNS=+271.2
ESW=-6.438 -5.958 -1.499
T123=13.9 14.4 15.6
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fwAVG=1.81
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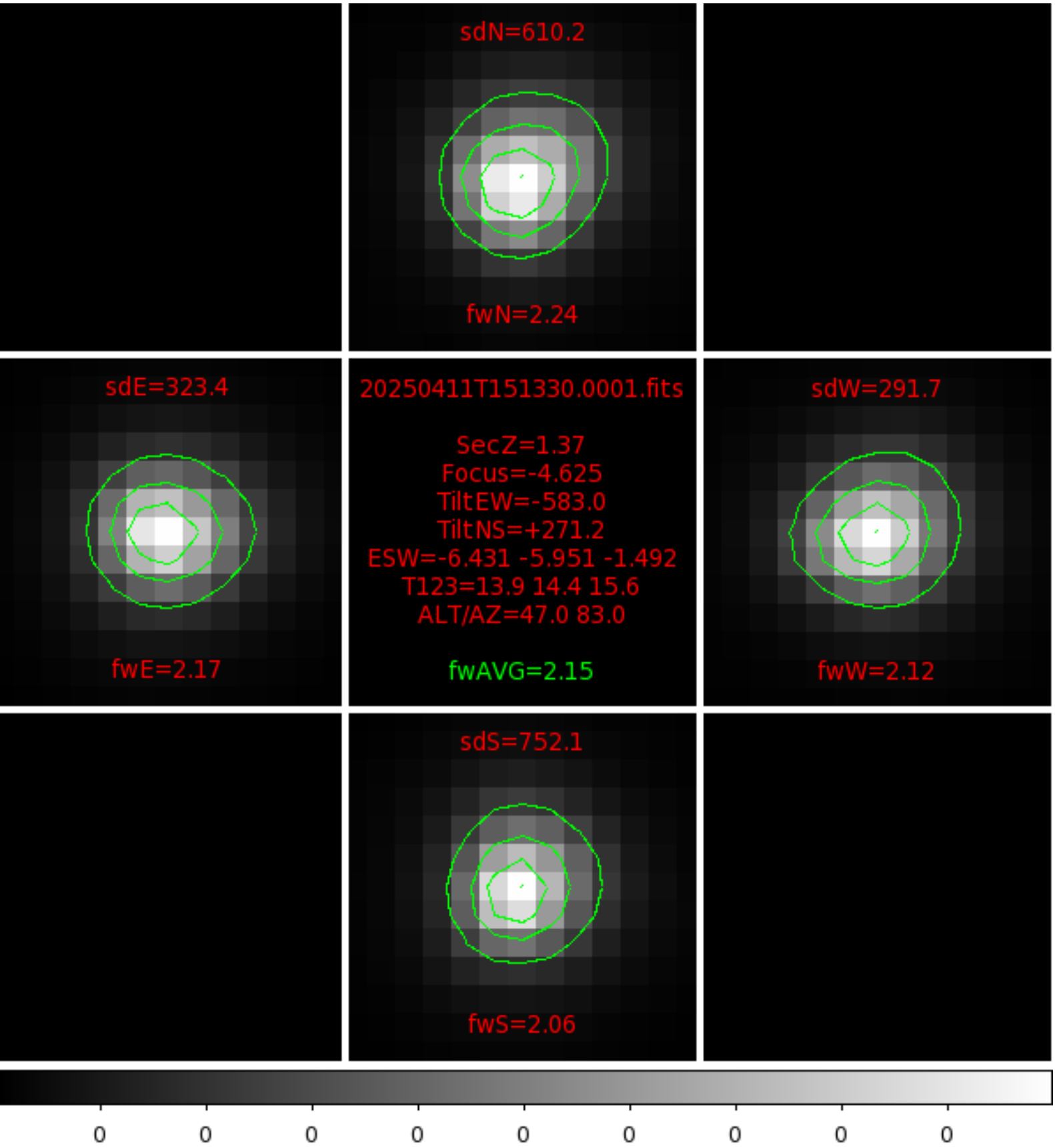
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.431 -5.951 -1.492
T123=13.9 14.4 15.6
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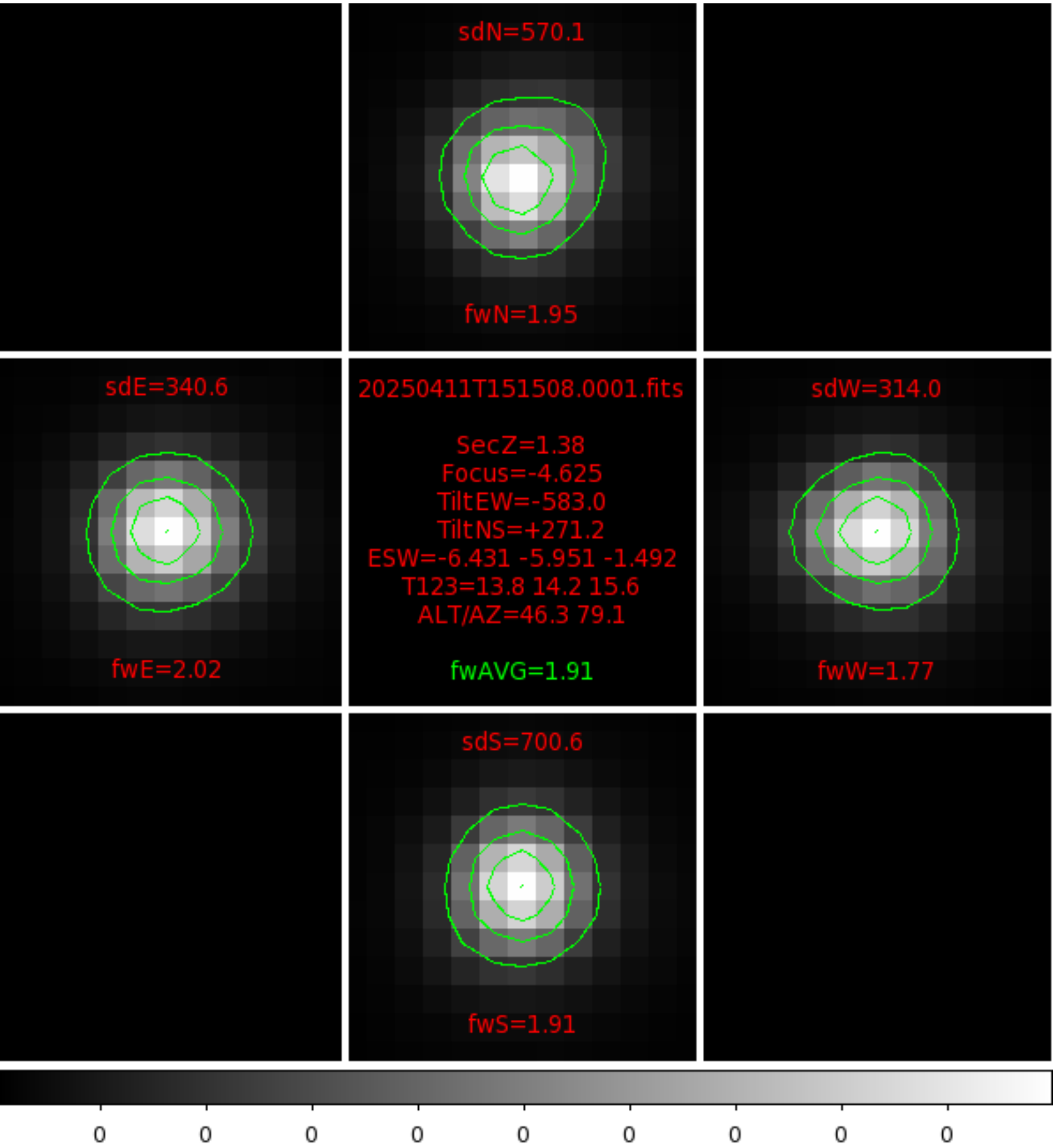
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TiltNS=+271.2
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T123=13.8 14.2 15.6
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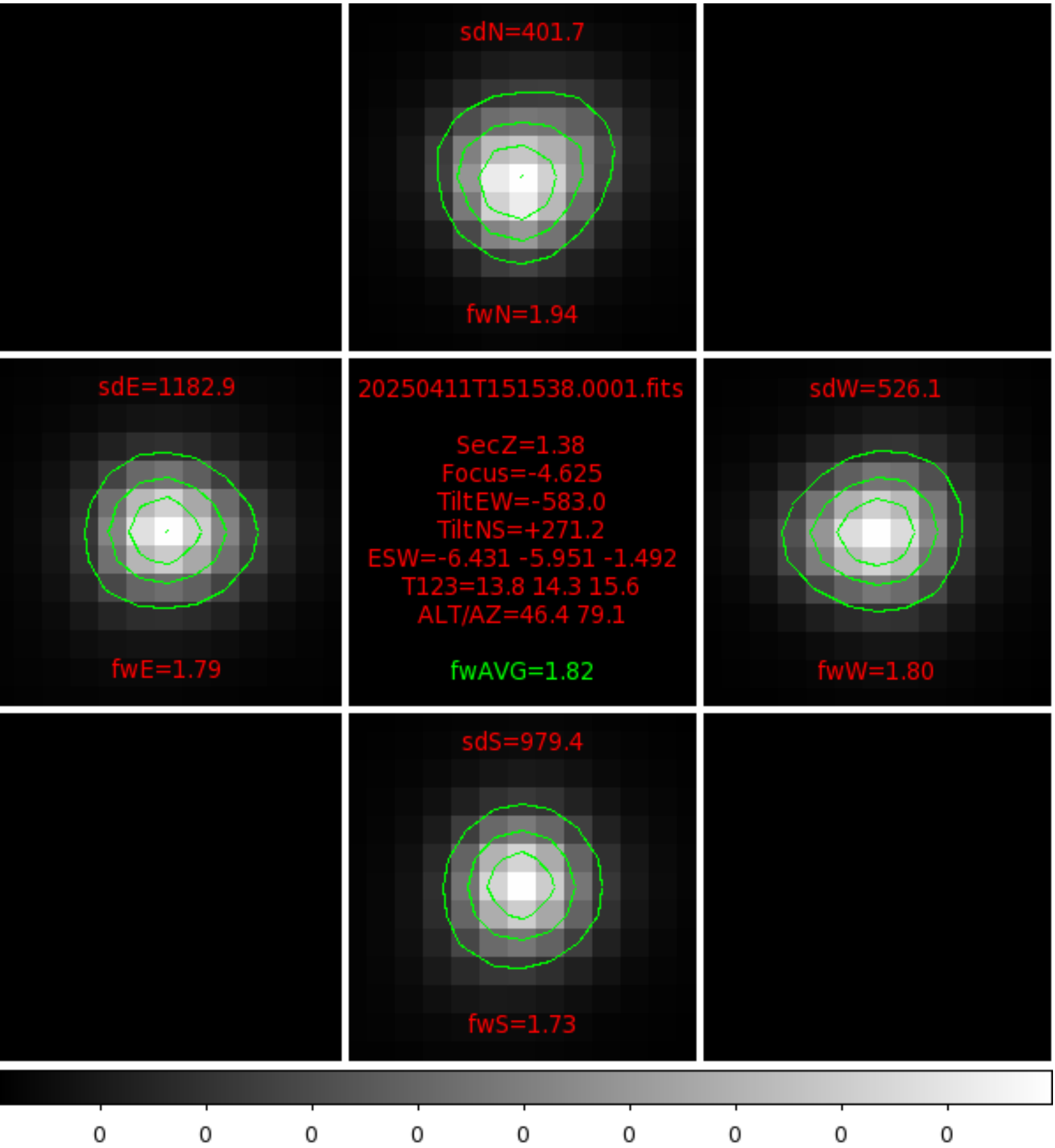
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TiltNS=+271.2
ESW=-6.431 -5.951 -1.492
T123=13.8 14.3 15.6
ALT/AZ=46.4 79.1
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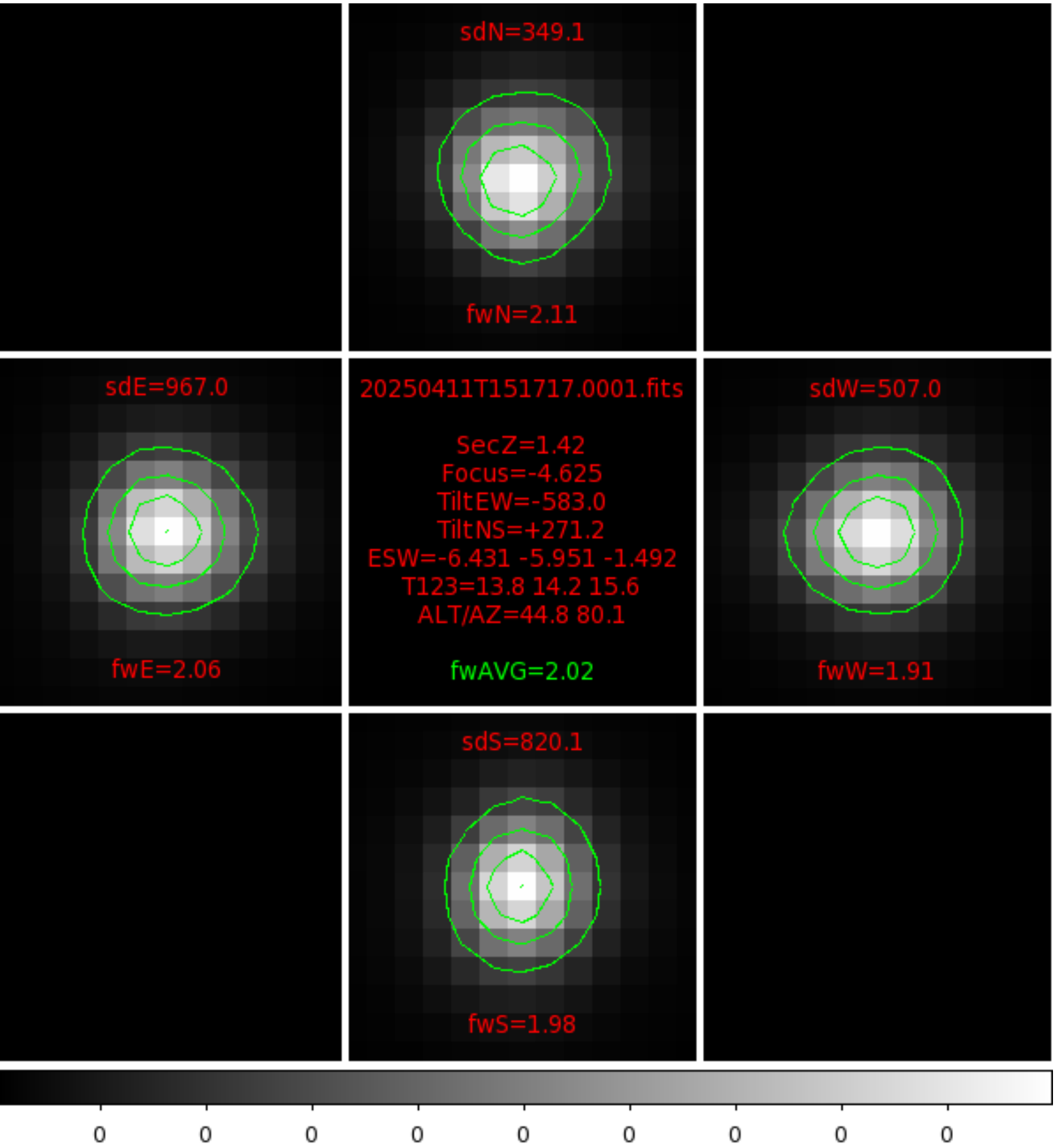
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20250411T151717.0001.fits
SecZ=1.42
Focus=-4.625
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TiltNS=+271.2
ESW=-6.431 -5.951 -1.492
T123=13.8 14.2 15.6
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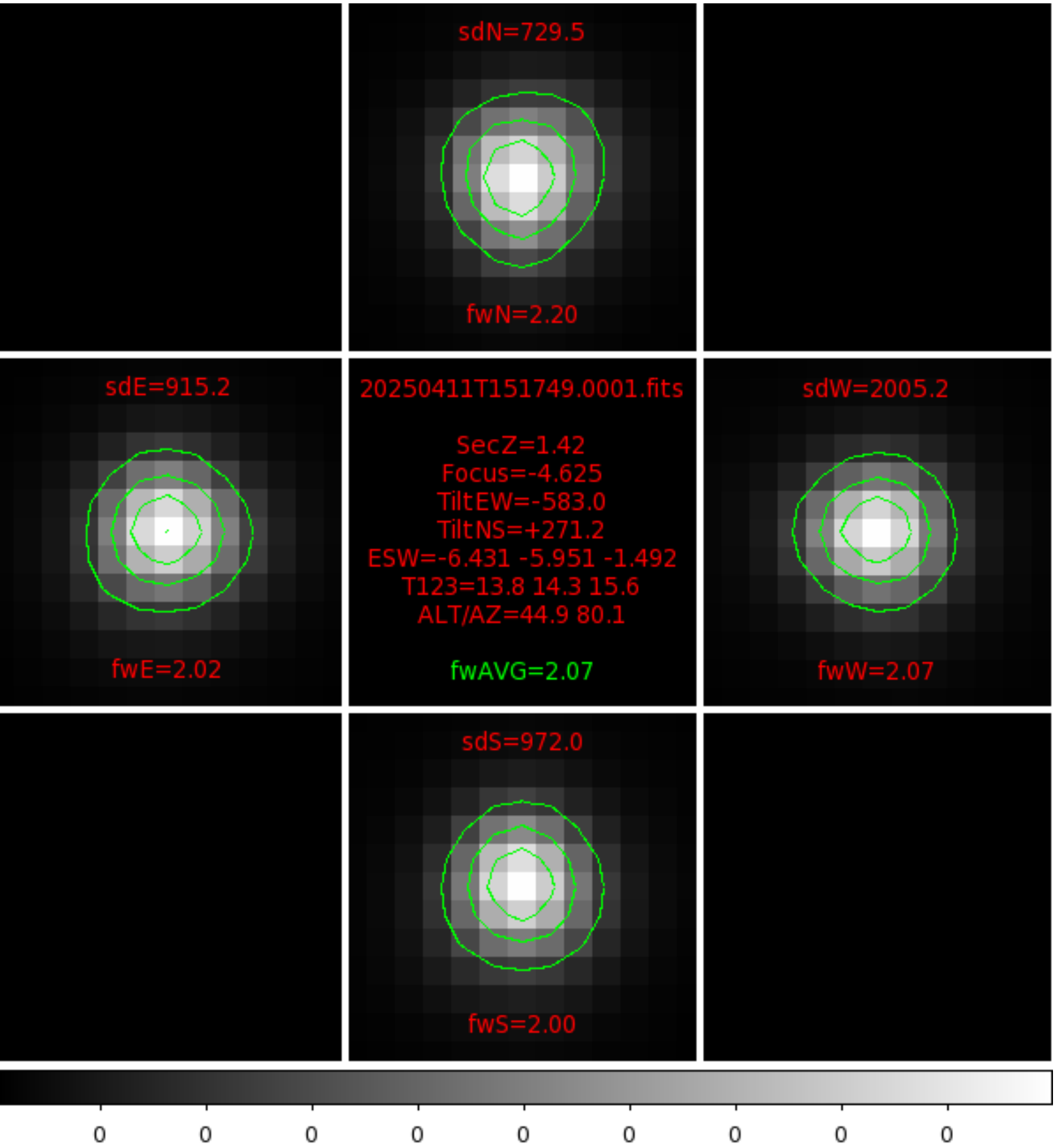
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SecZ=1.42
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.431 -5.951 -1.492
T123=13.8 14.3 15.6
ALT/AZ=44.9 80.1
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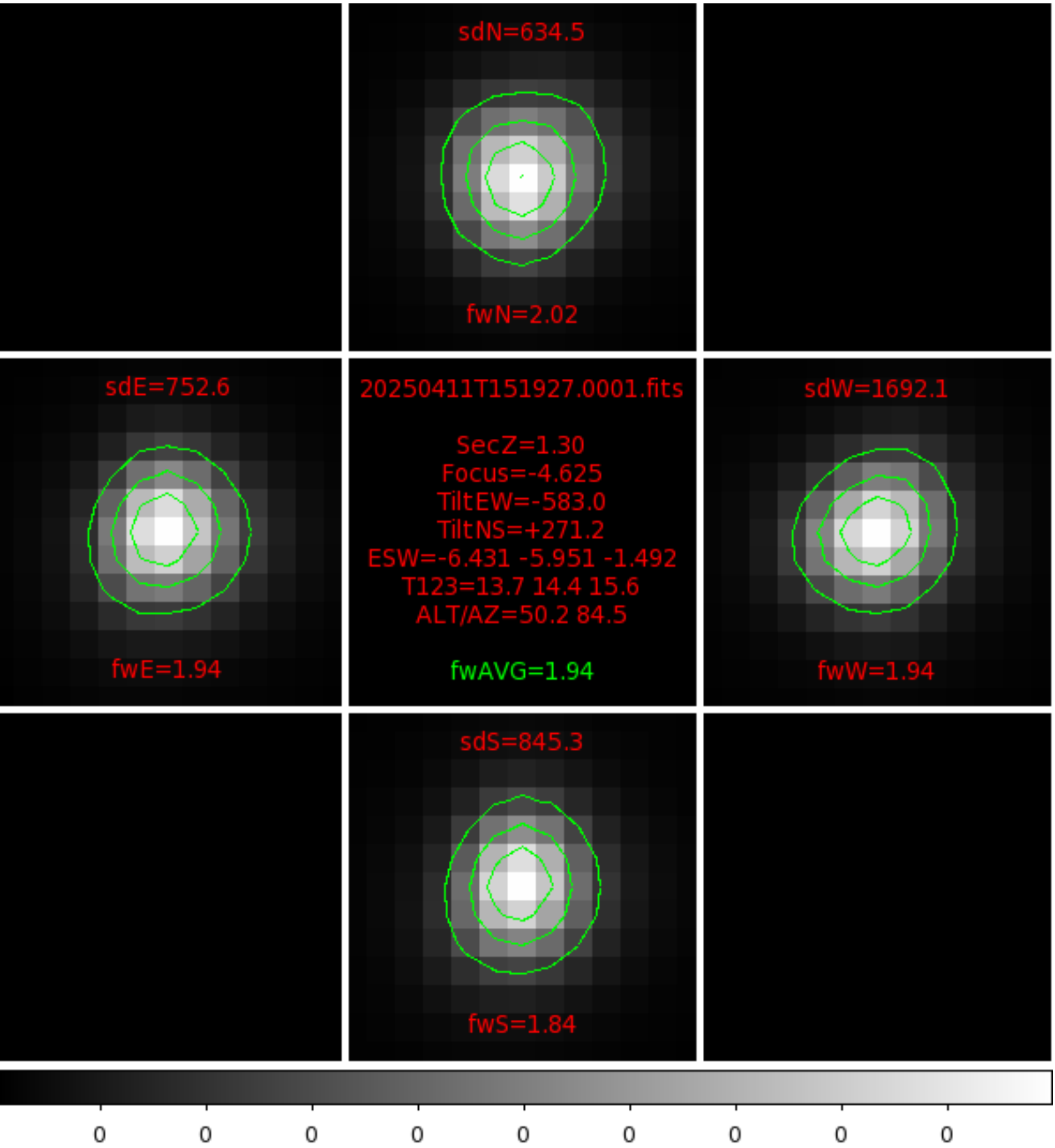
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TiltNS=+271.2
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T123=13.7 14.4 15.6
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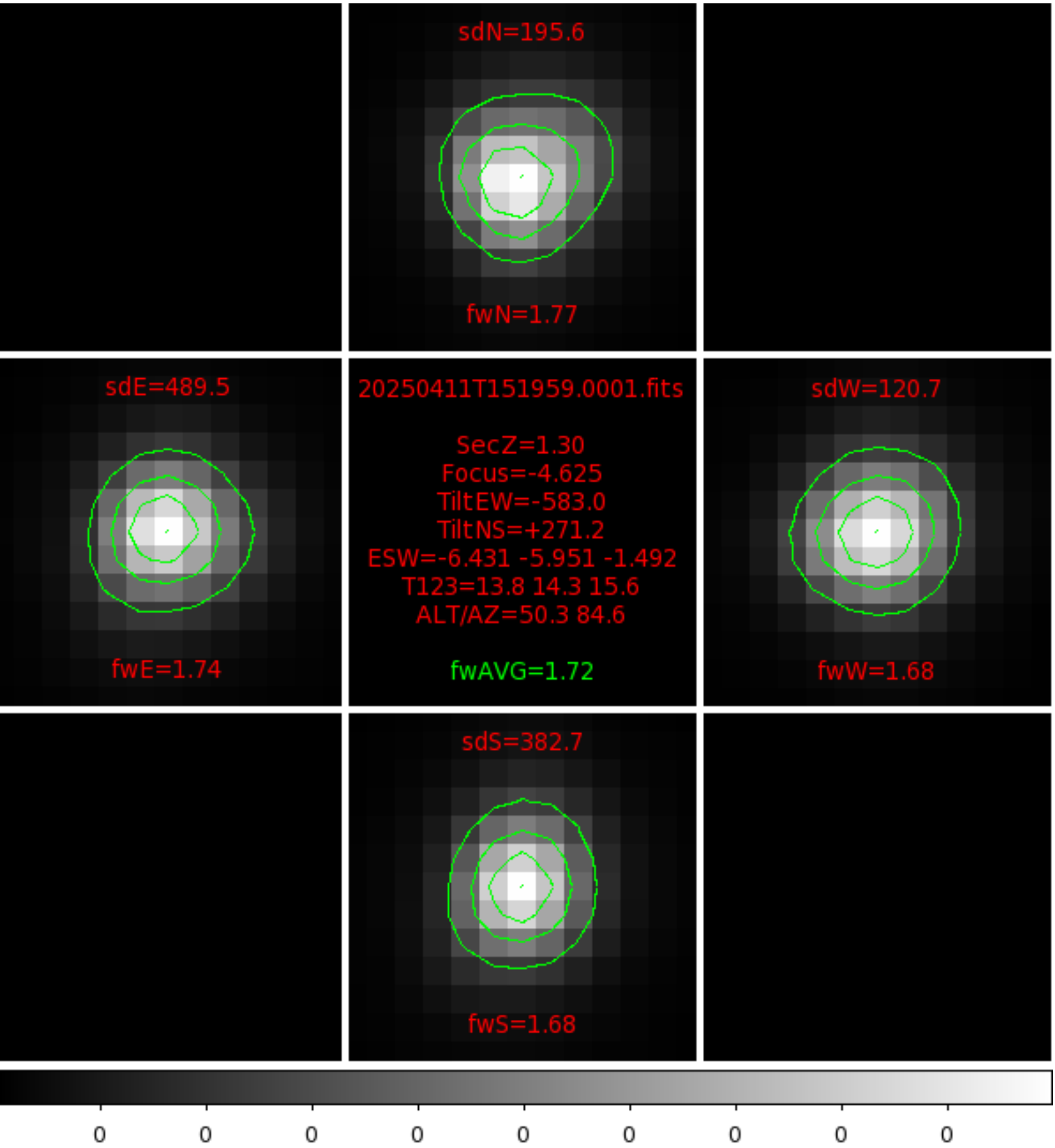
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TiltNS=+271.2
ESW=-6.431 -5.951 -1.492
T123=13.8 14.3 15.6
ALT/AZ=50.3 84.6
fwAVG=1.72
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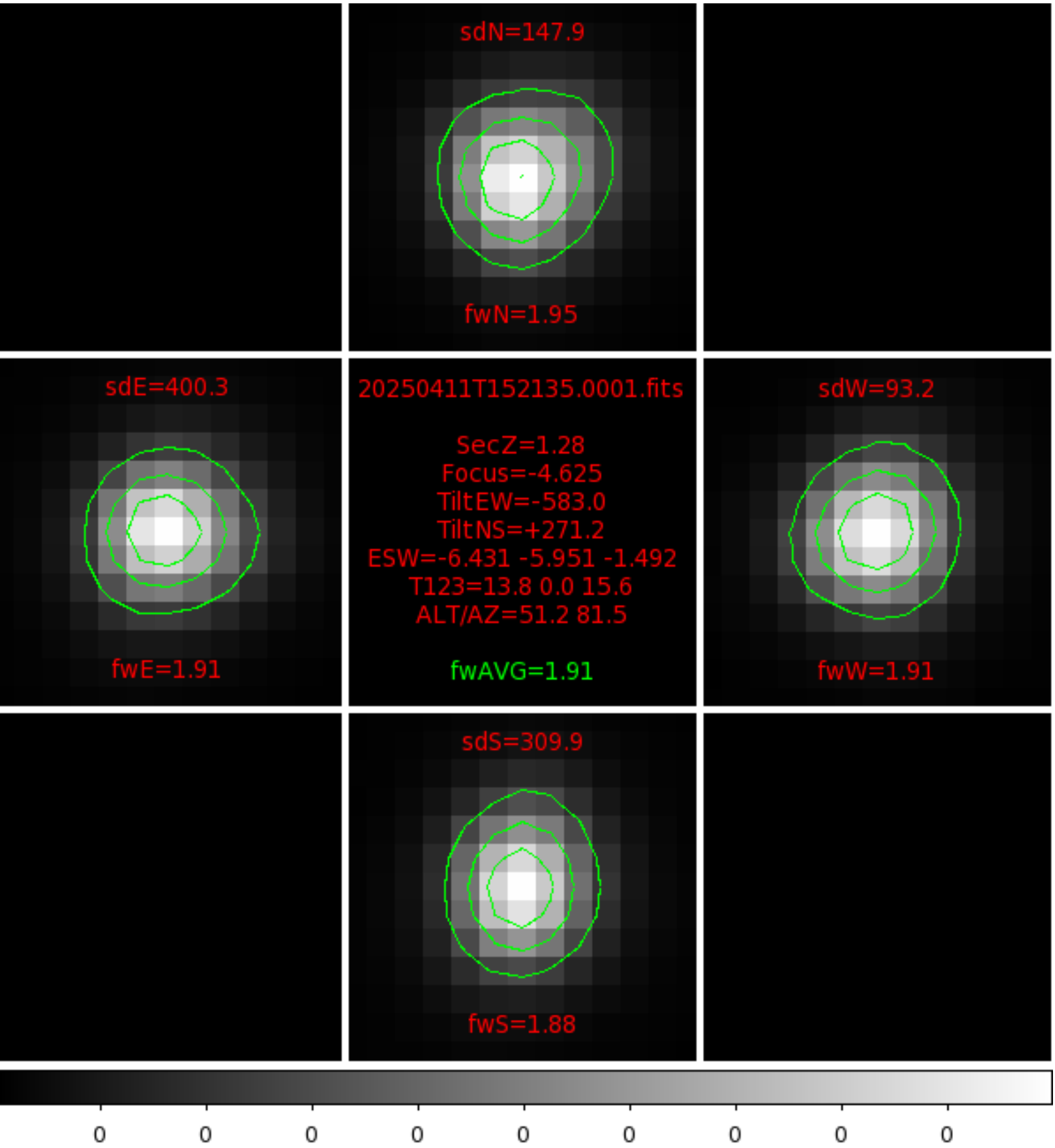
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TiltNS=+271.2
ESW=-6.431 -5.951 -1.492
T123=13.8 0.0 15.6
ALT/AZ=51.2 81.5
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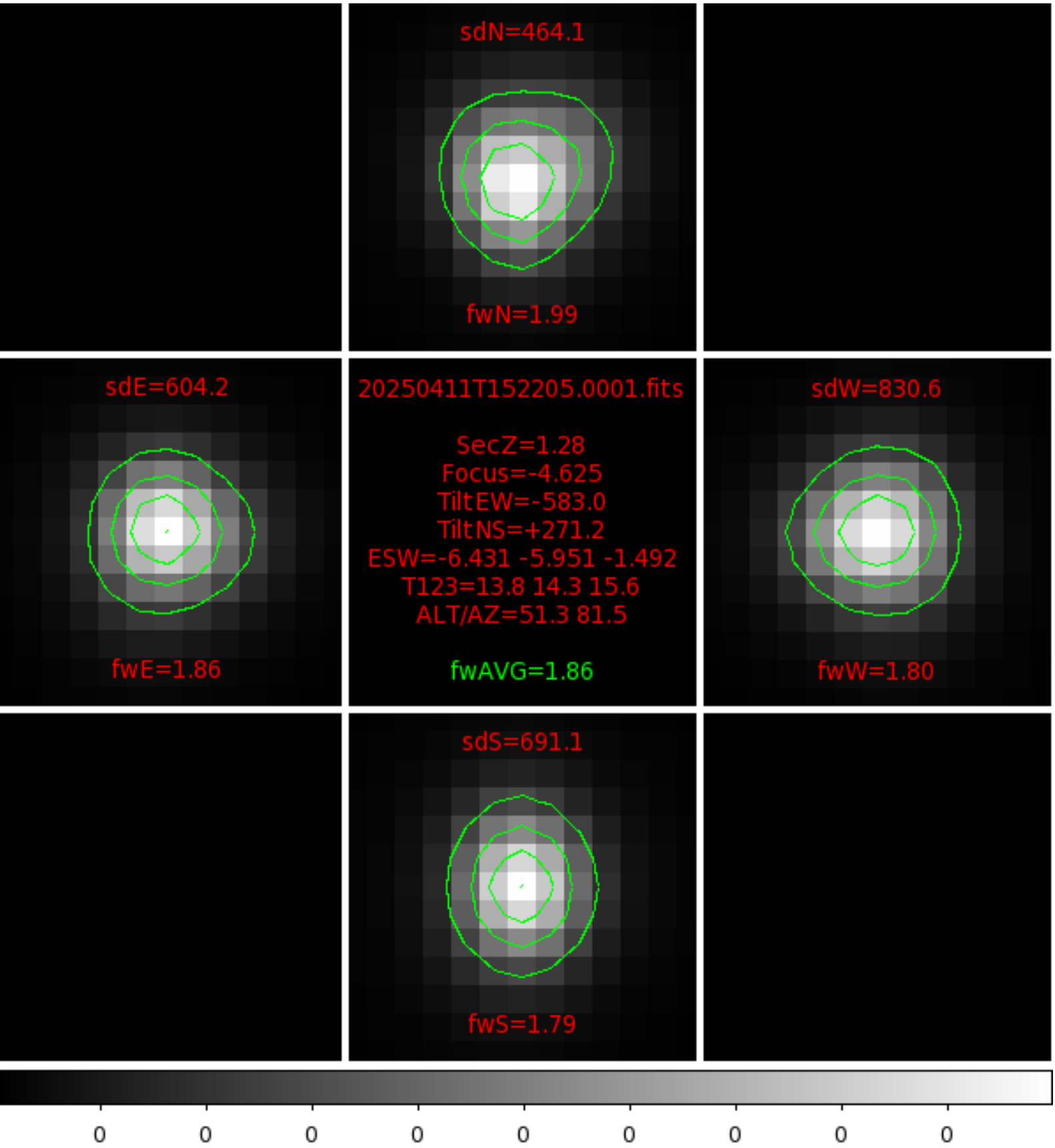
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SecZ=1.28
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TiltNS=+271.2
ESW=-6.431 -5.951 -1.492
T123=13.8 14.3 15.6
ALT/AZ=51.3 81.5
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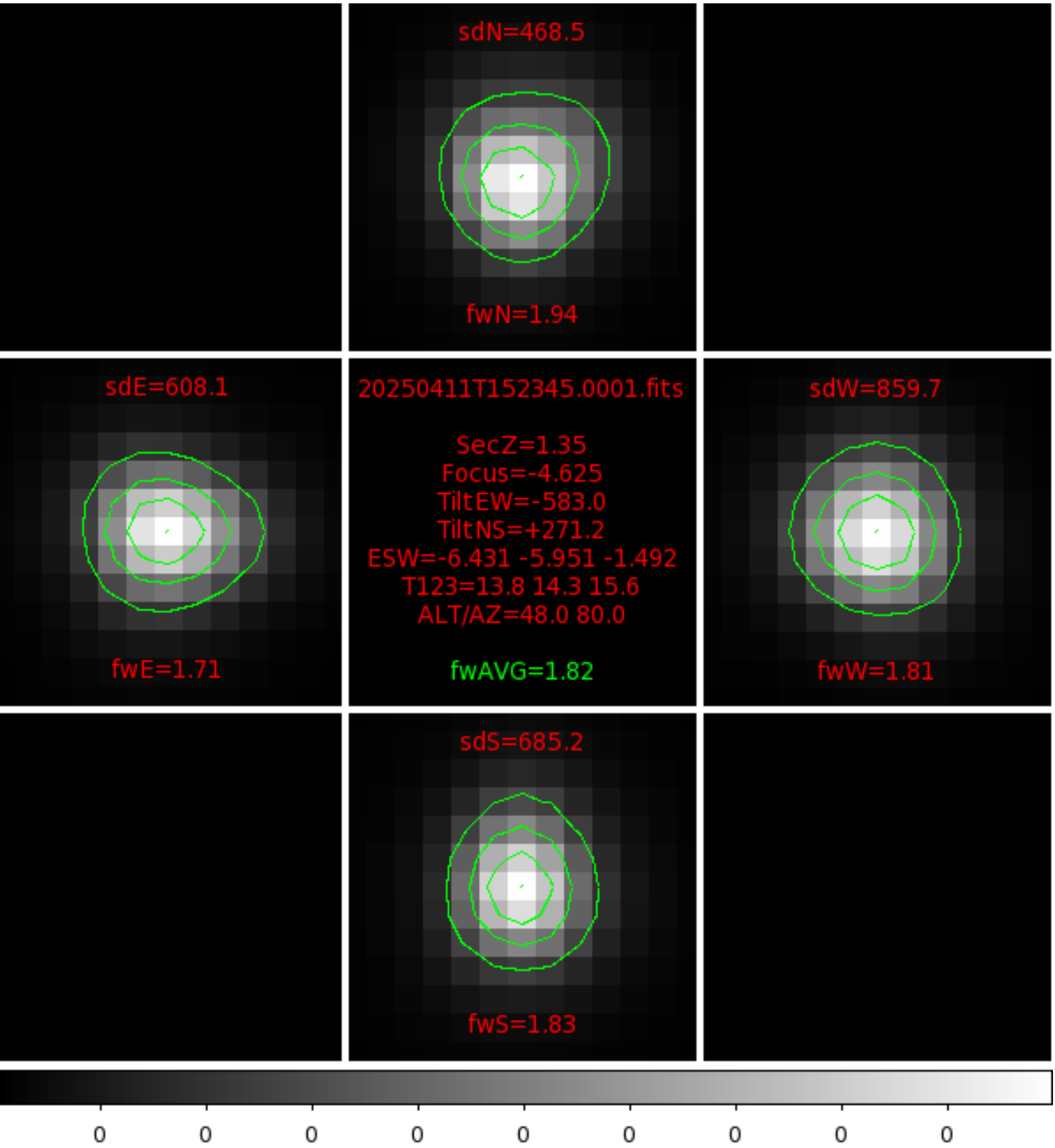
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T123=13.8 14.3 15.6
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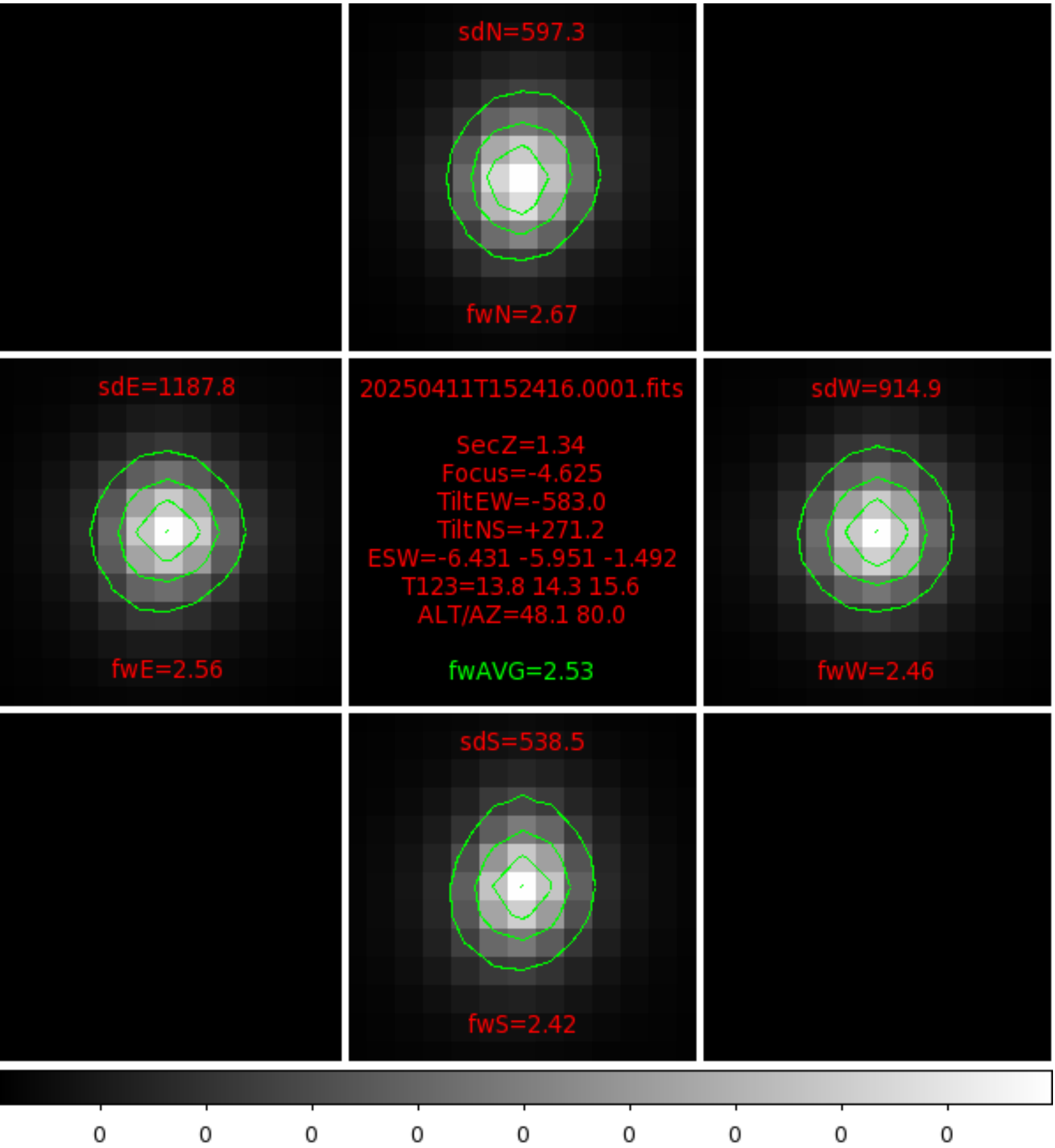
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20250411T152416.0001.fits
SecZ=1.34
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T123=13.8 14.3 15.6
ALT/AZ=48.1 80.0
fwAVG=2.53
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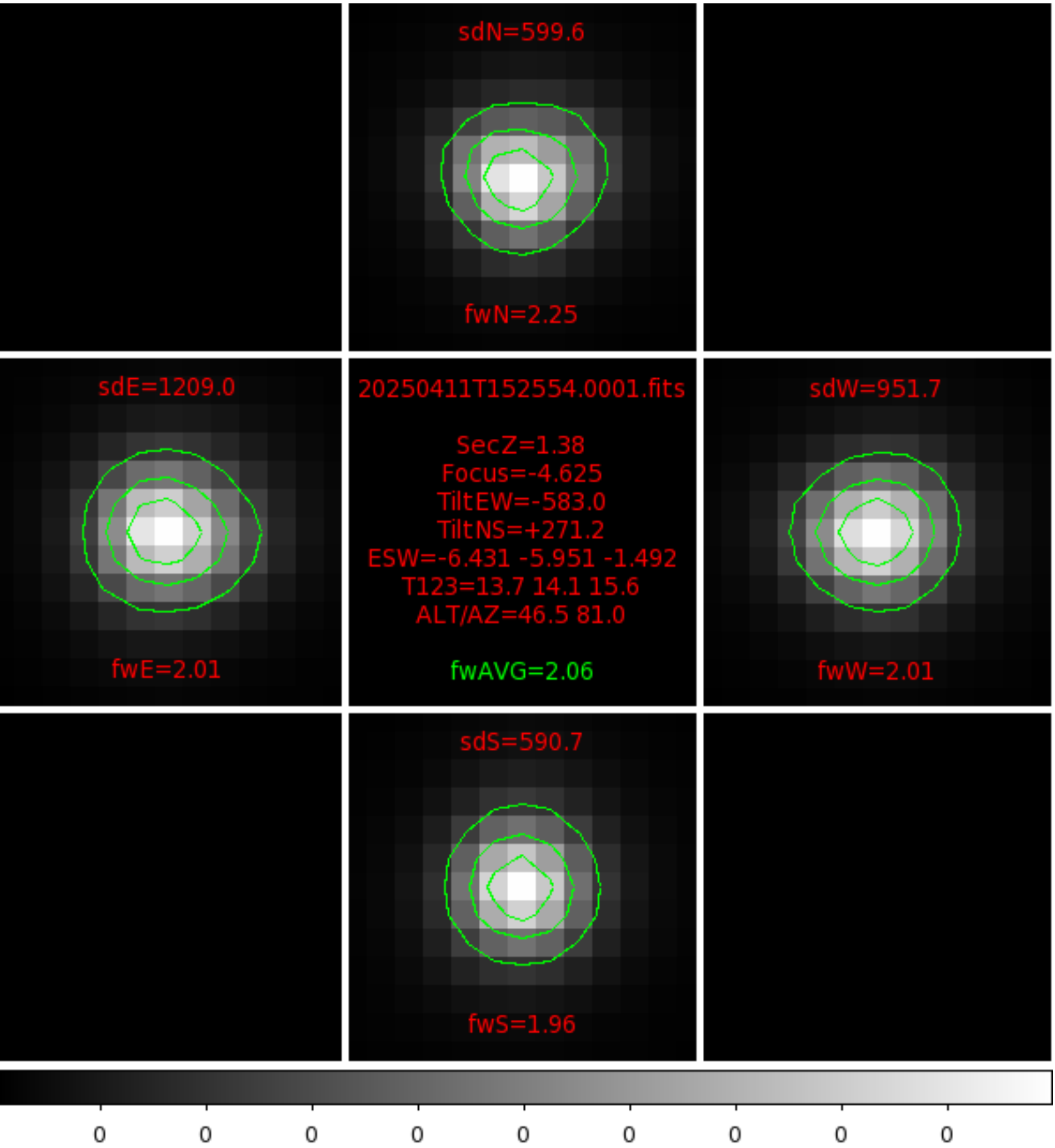
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T123=13.7 14.1 15.6
ALT/AZ=46.5 81.0
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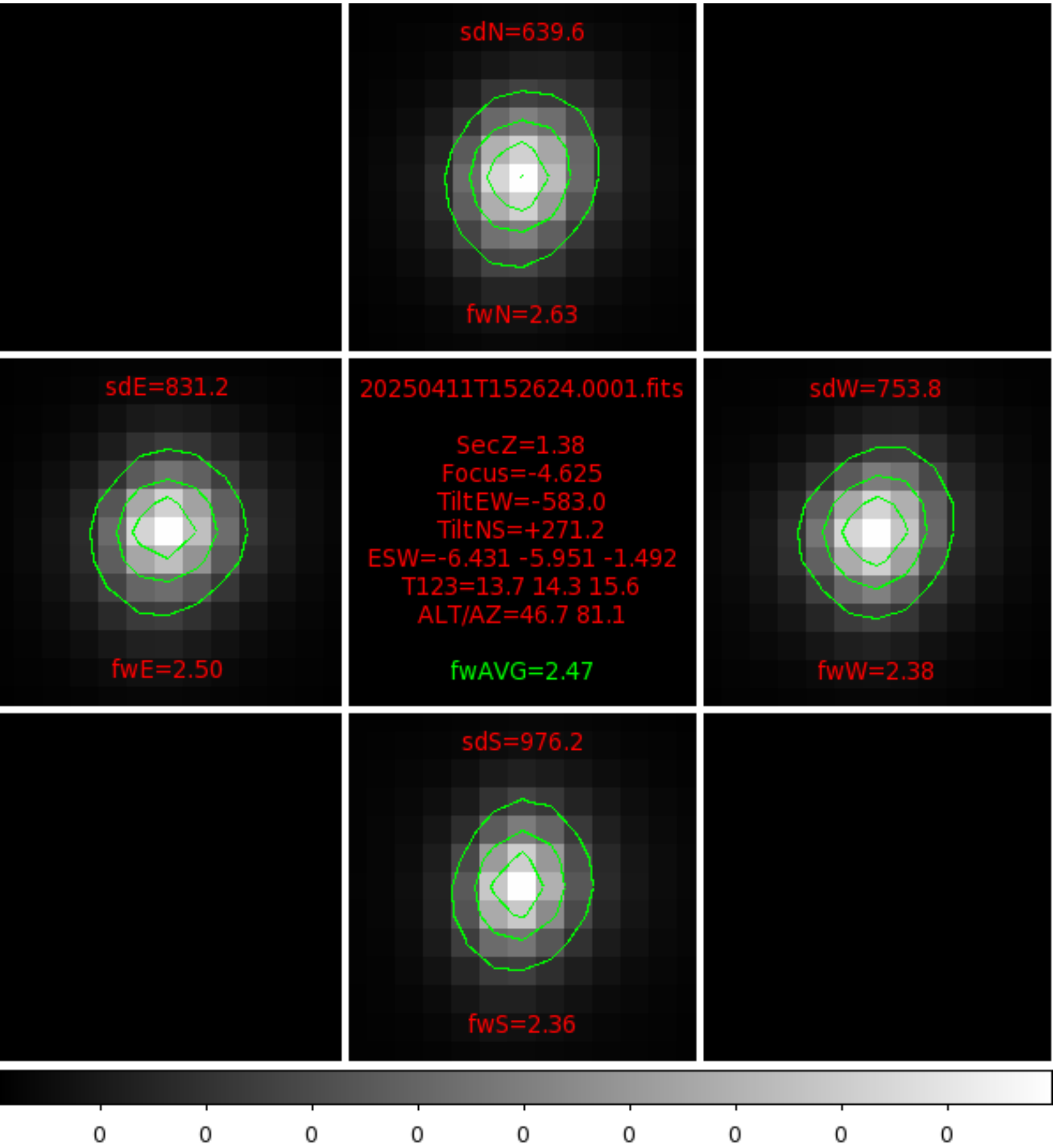
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ESW=-6.431 -5.951 -1.492
T123=13.7 14.3 15.6
ALT/AZ=46.7 81.1
fwAVG=2.47
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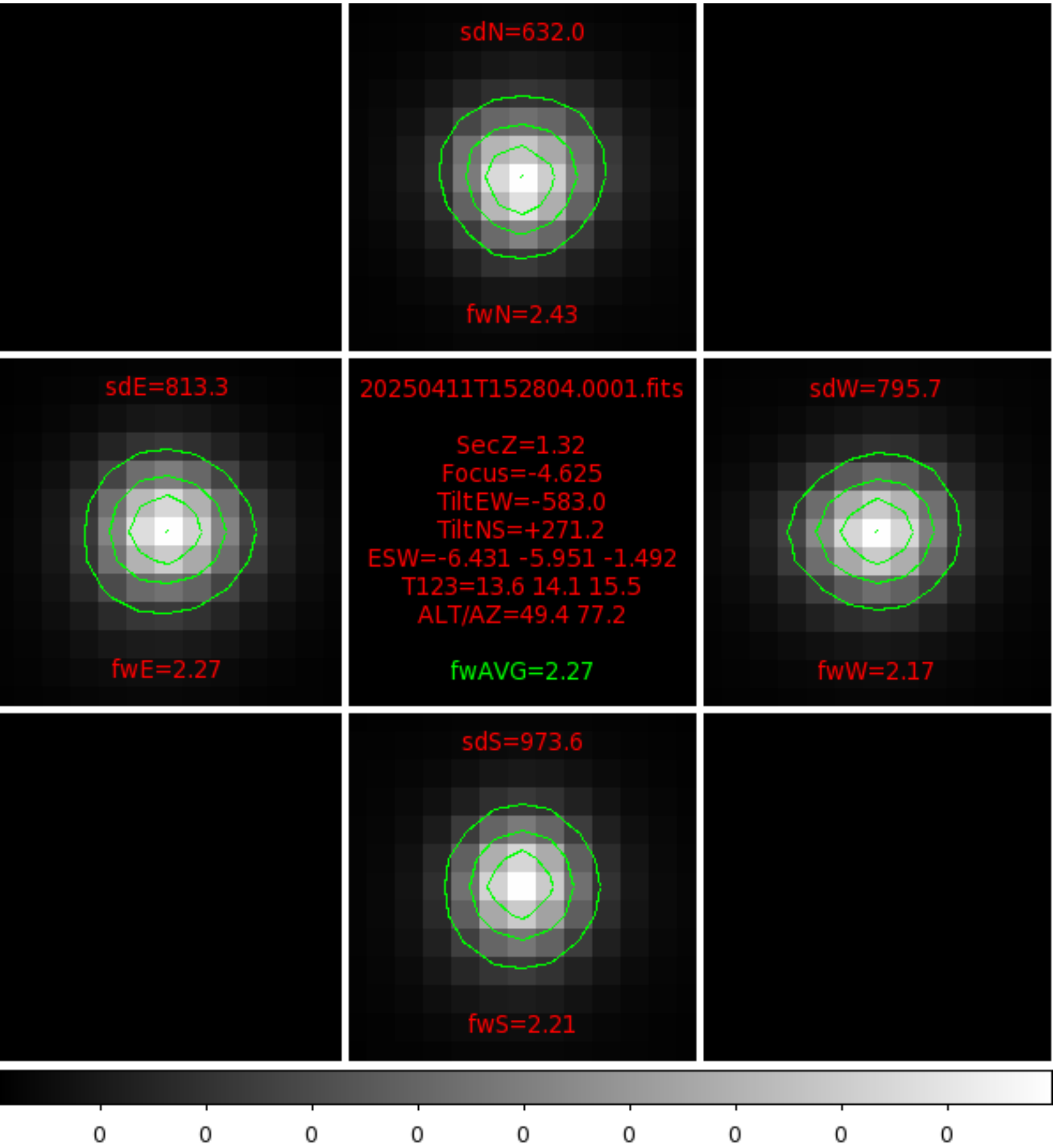
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20250411T152804.0001.fits
SecZ=1.32
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TiltNS=+271.2
ESW=-6.431 -5.951 -1.492
T123=13.6 14.1 15.5
ALT/AZ=49.4 77.2
fwAVG=2.27
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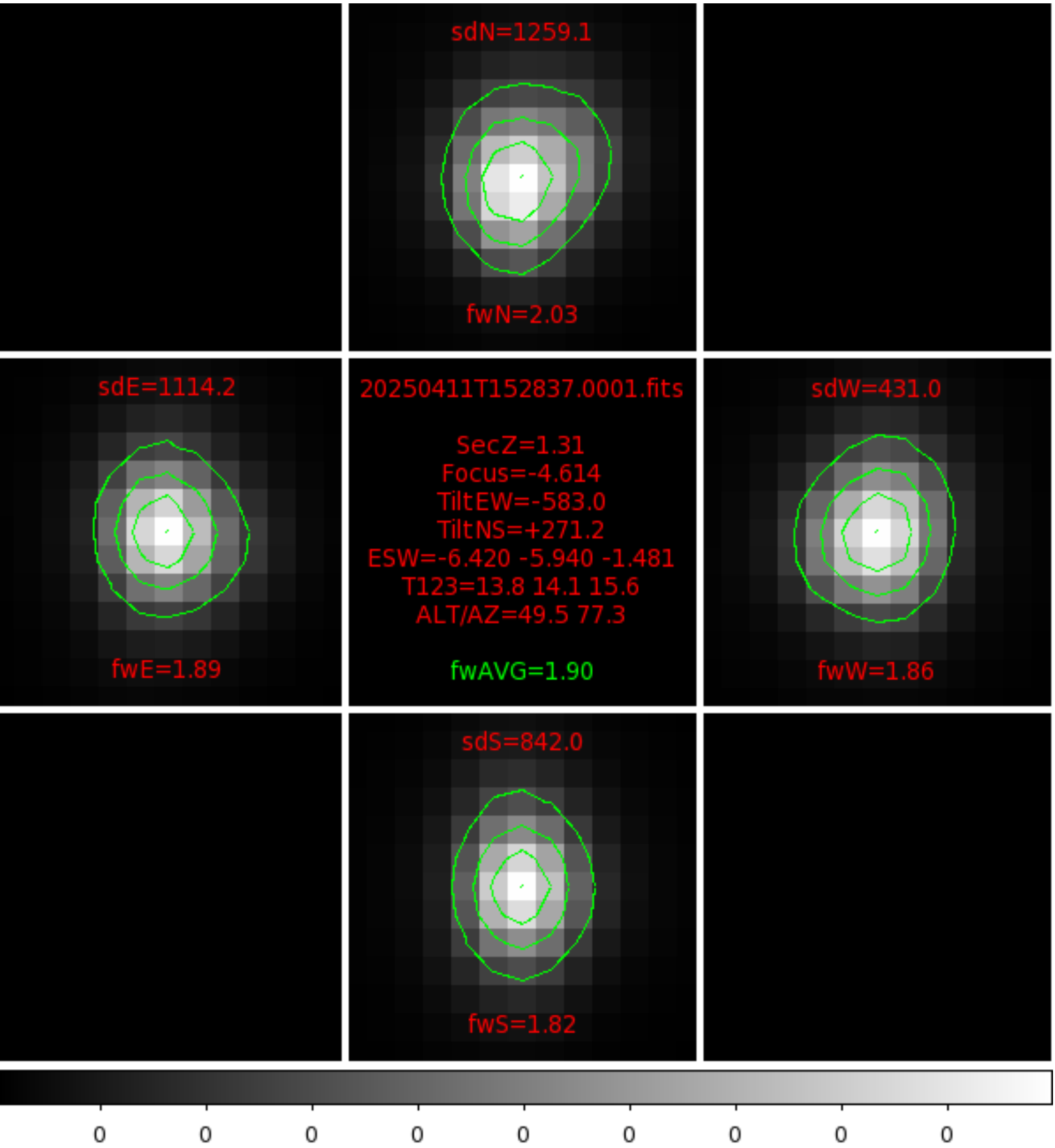
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T123=13.8 14.1 15.6
ALT/AZ=49.5 77.3
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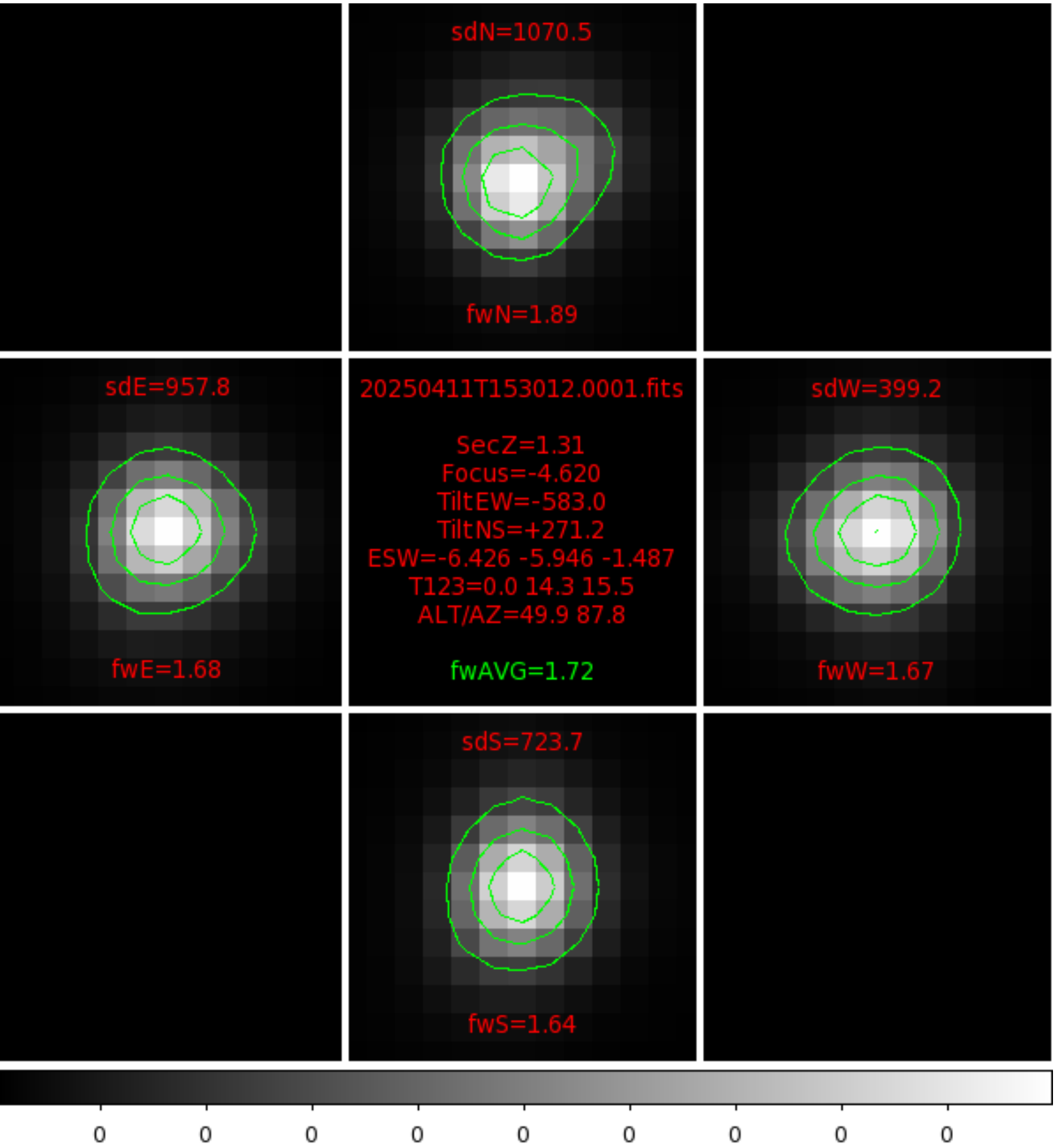
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SecZ=1.31
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.426 -5.946 -1.487
T123=0.0 14.3 15.5
ALT/AZ=49.9 87.8
fwAVG=1.72
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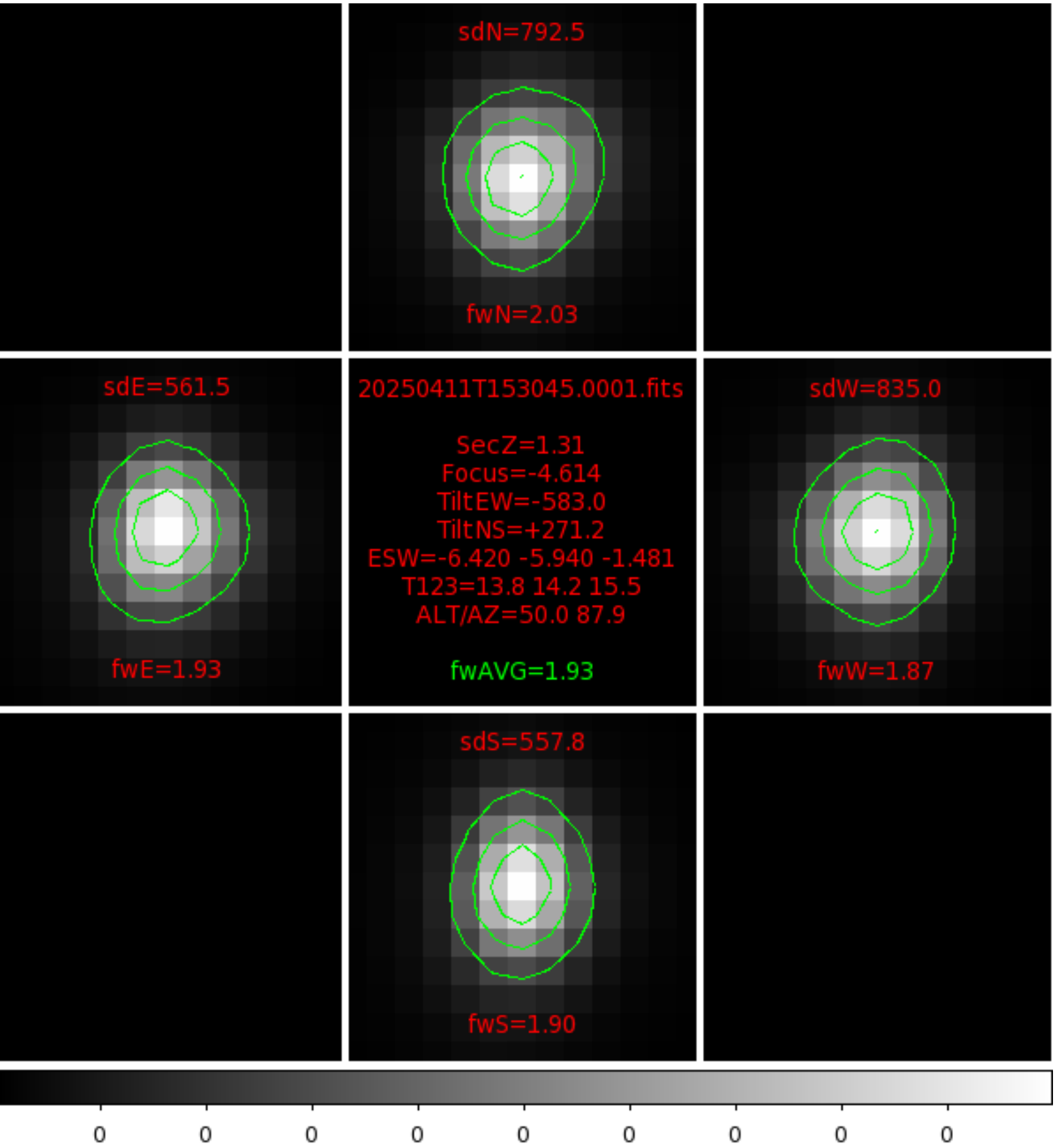
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Focus=-4.614
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.420 -5.940 -1.481
T123=13.8 14.2 15.5
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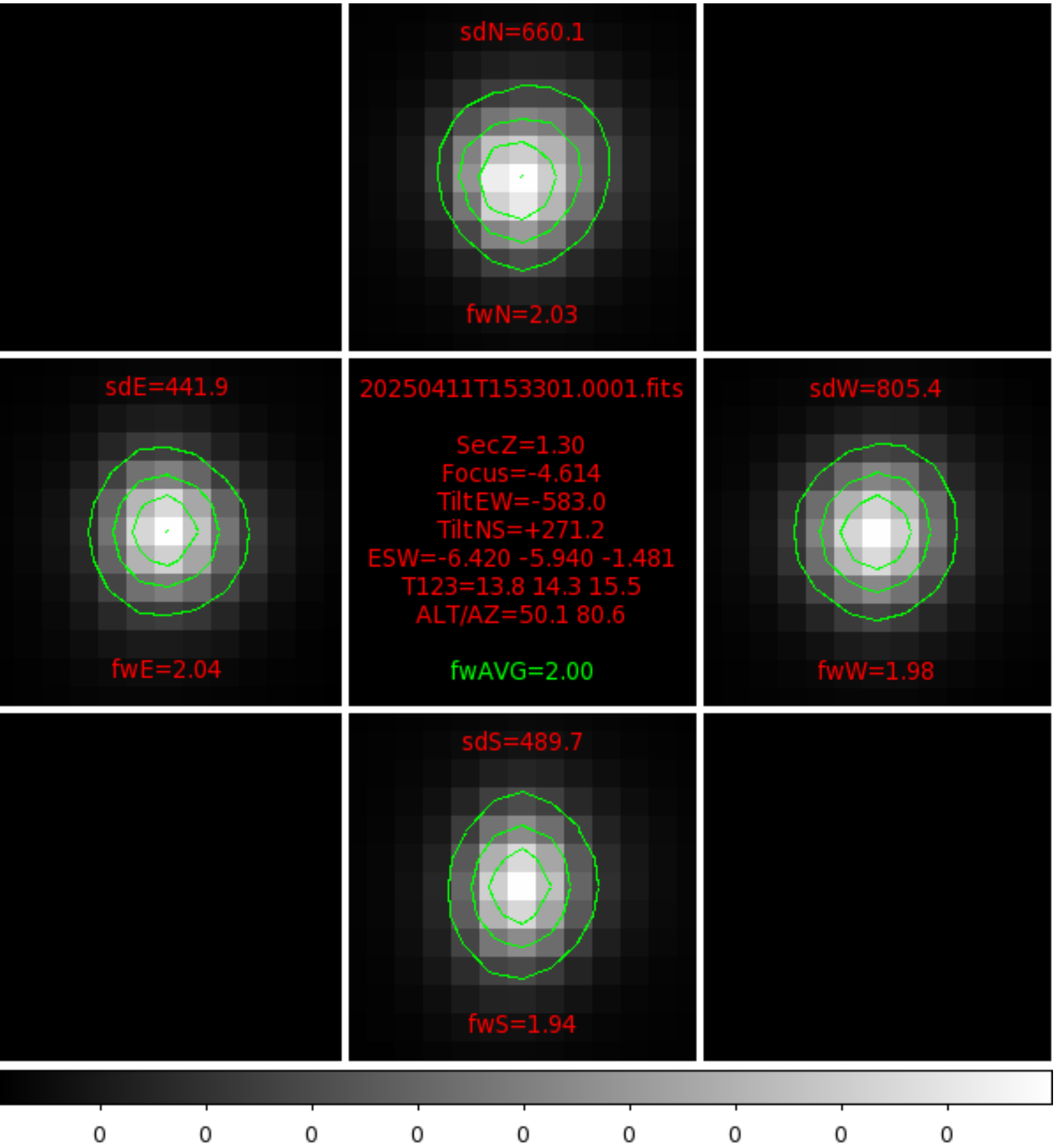
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SecZ=1.30
Focus=-4.614
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.420 -5.940 -1.481
T123=13.8 14.3 15.5
ALT/AZ=50.1 80.6
fwAVG=2.00
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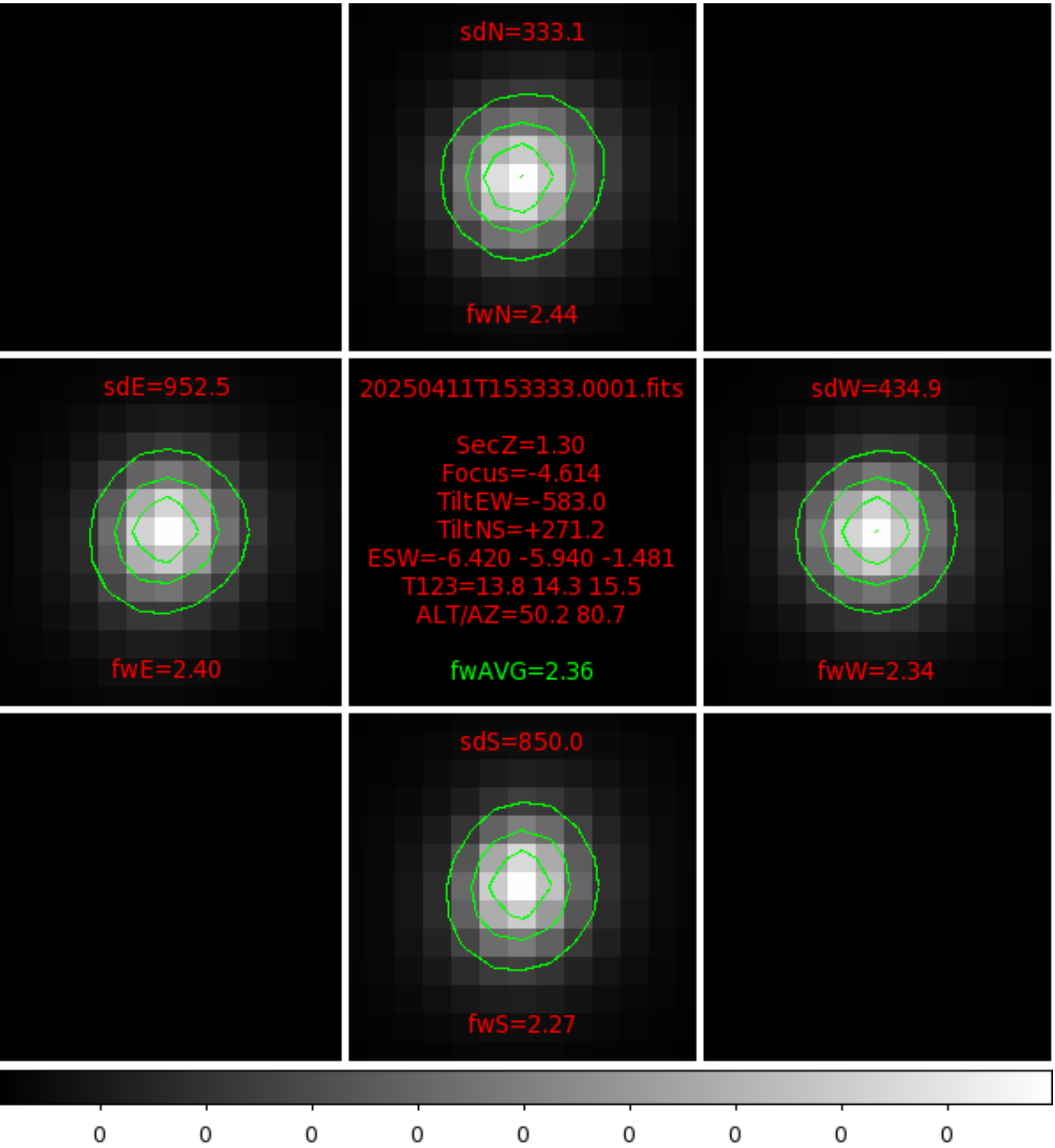
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.420 -5.940 -1.481
T123=13.8 14.3 15.5
ALT/AZ=50.2 80.7
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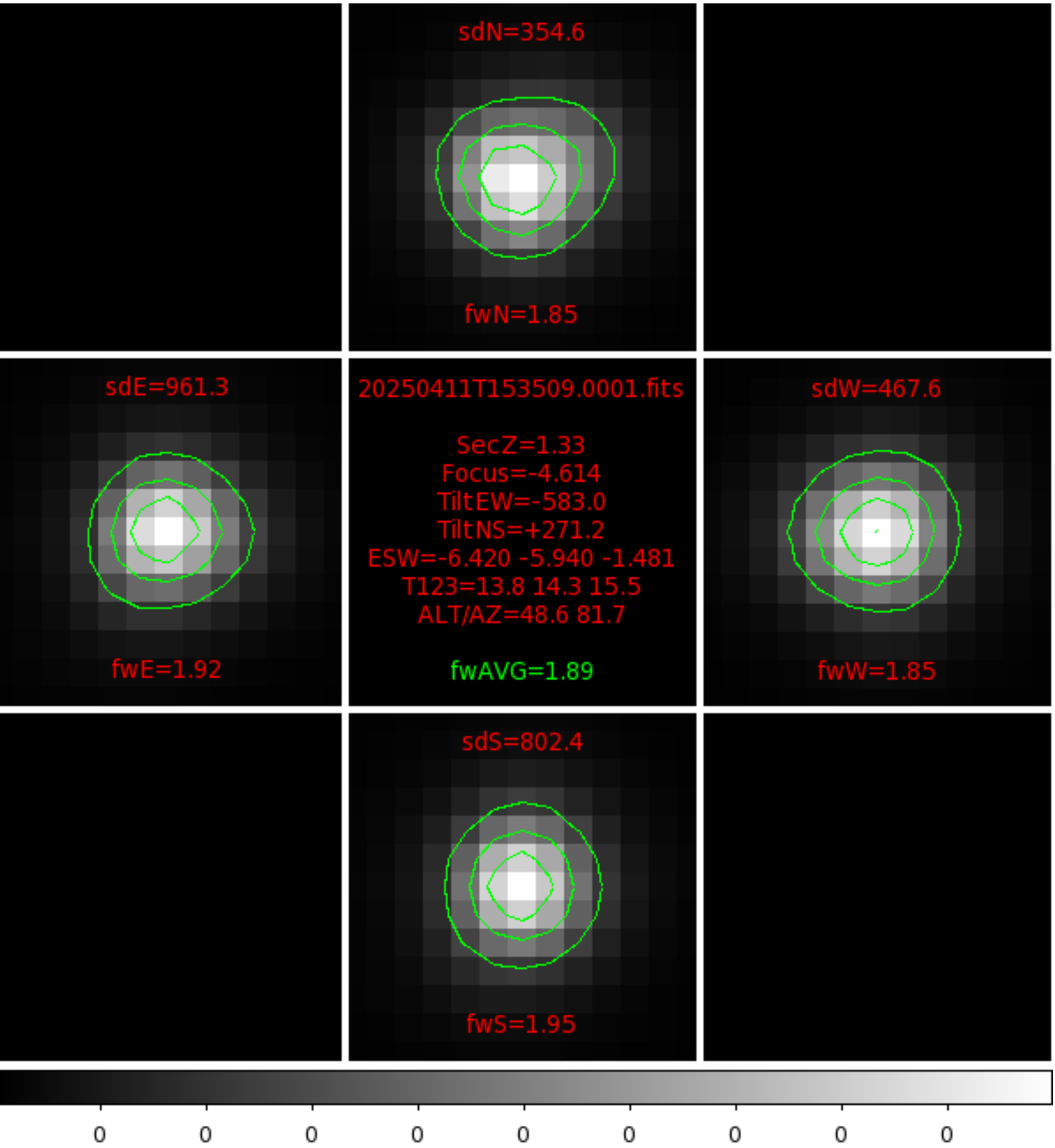
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SecZ=1.33
Focus=-4.614
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.420 -5.940 -1.481
T123=13.8 14.3 15.5
ALT/AZ=48.6 81.7
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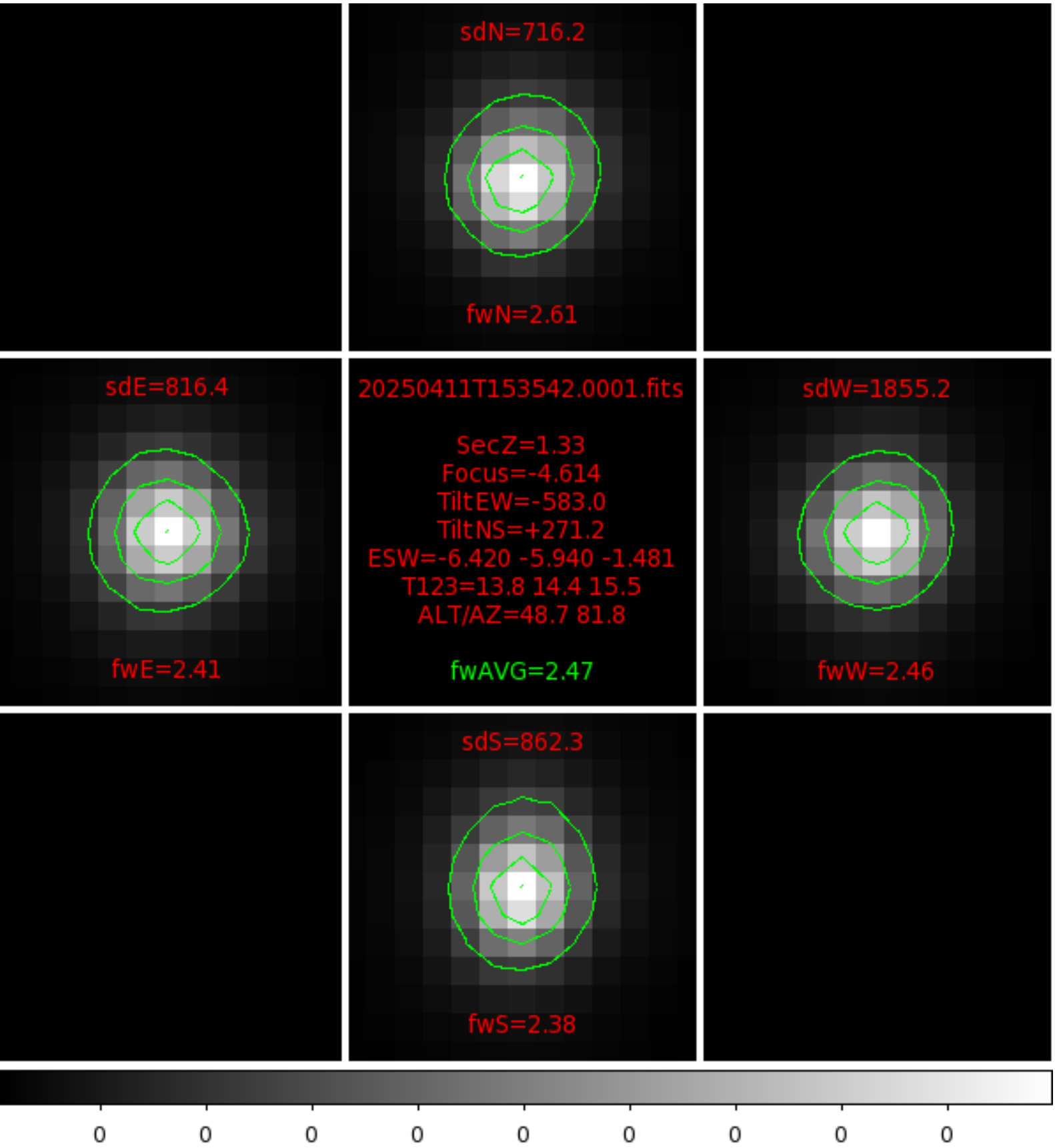
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SecZ=1.33
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.420 -5.940 -1.481
T123=13.8 14.4 15.5
ALT/AZ=48.7 81.8
fwAVG=2.47
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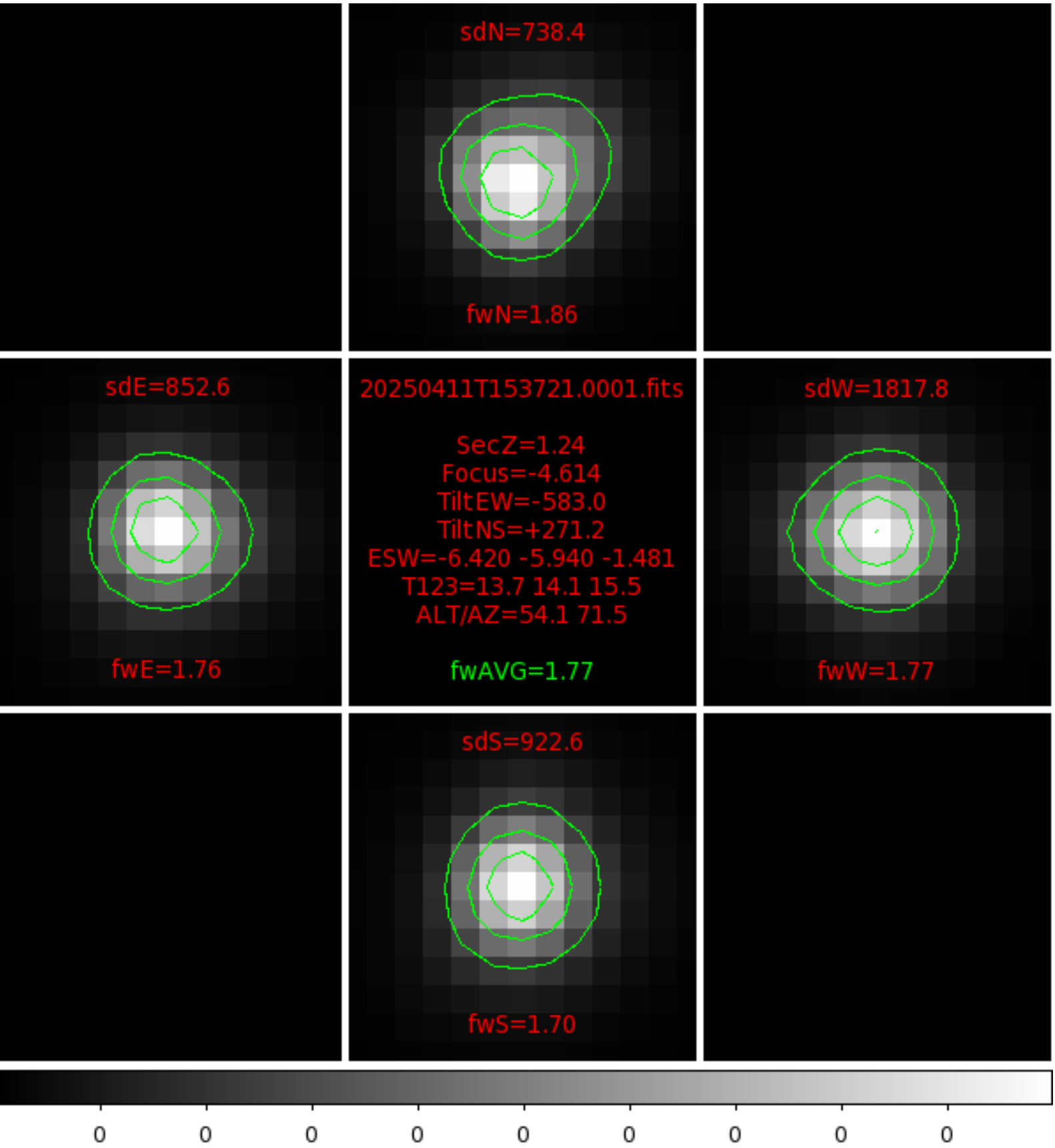
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fwN=1.86
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SecZ=1.24
Focus=-4.614
TiltEW=-583.0
TiltNS=+271.2
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T123=13.7 14.1 15.5
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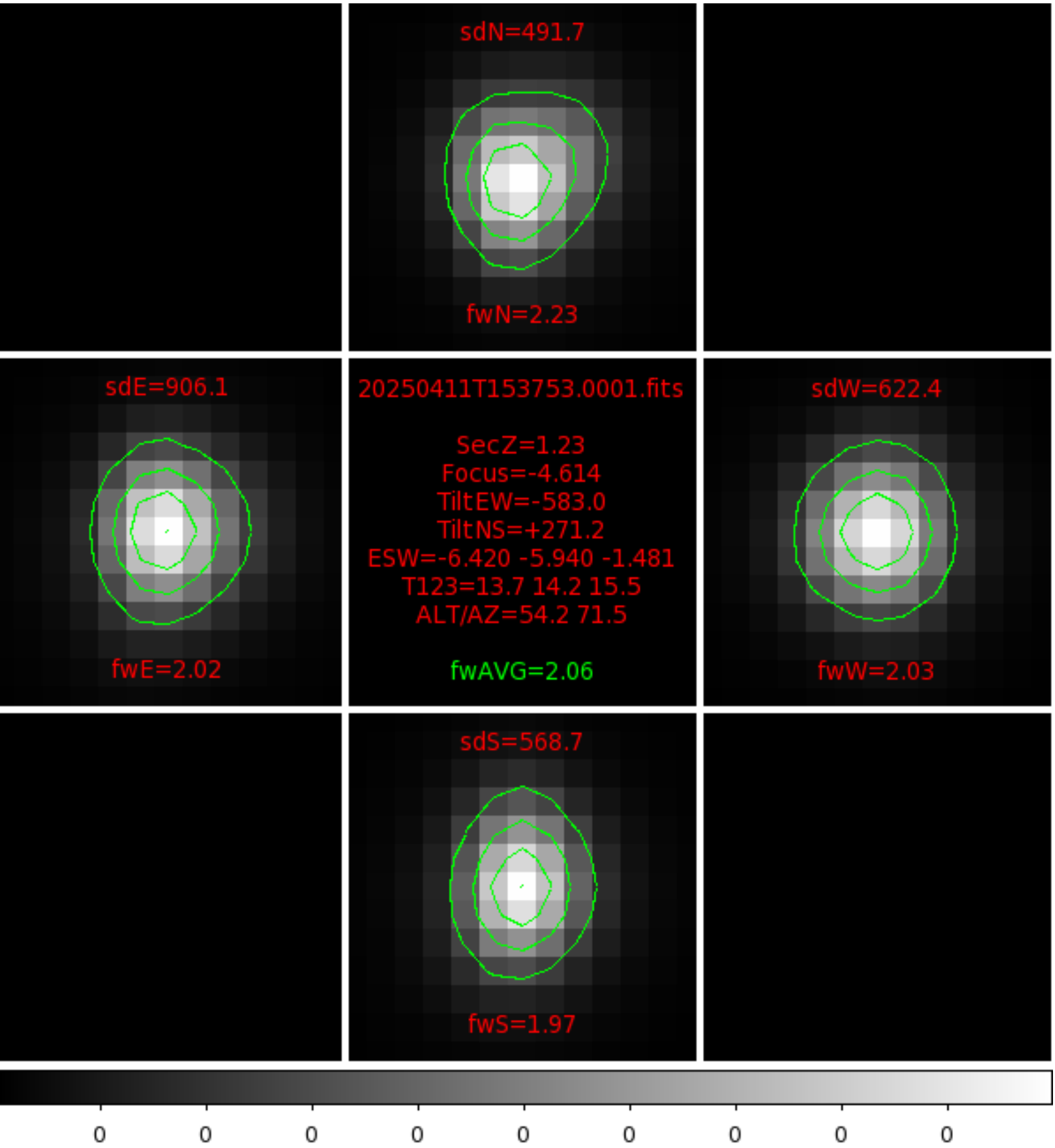
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T123=13.7 14.2 15.5
ALT/AZ=54.2 71.5
fwAVG=2.06
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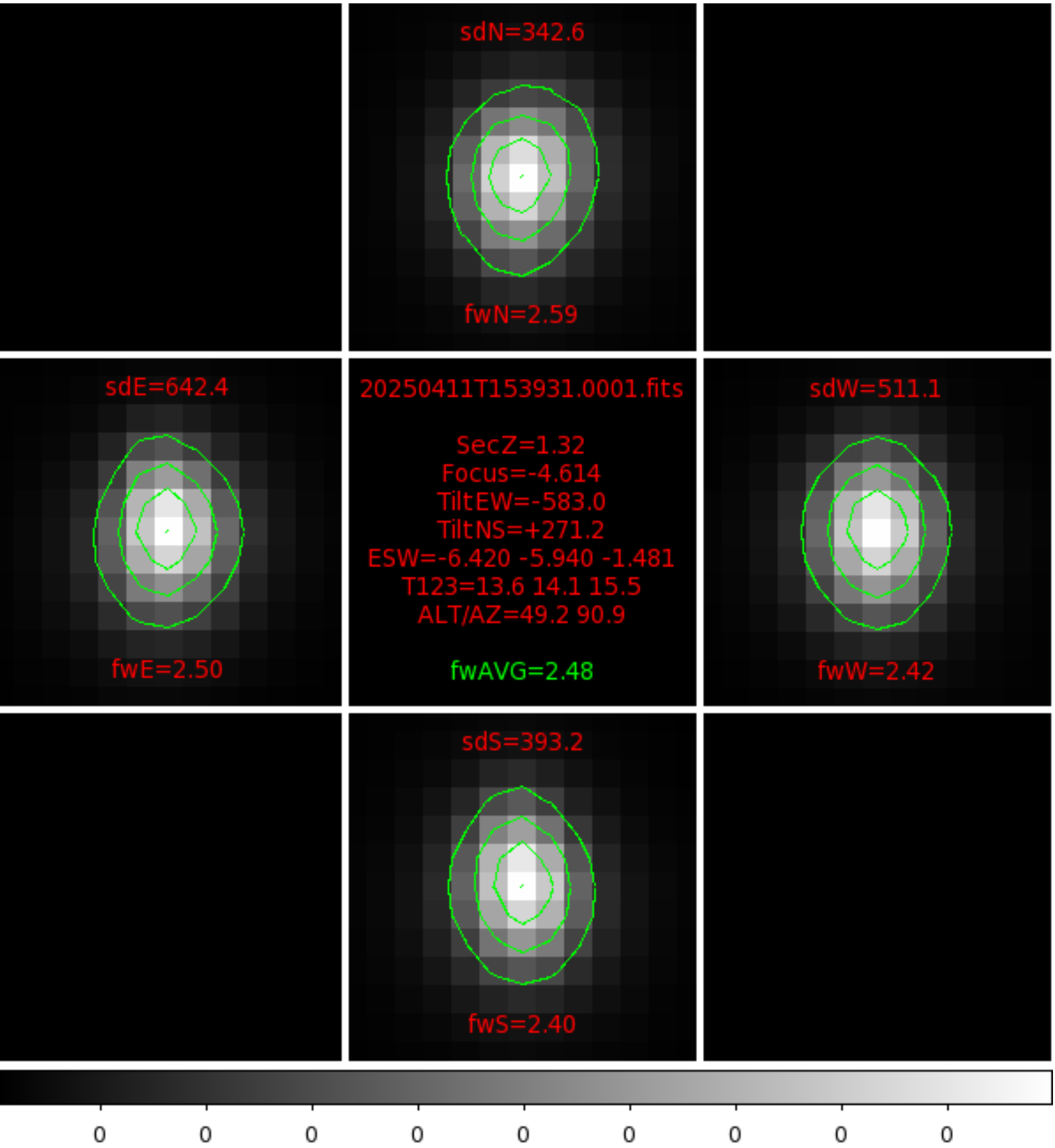
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.420 -5.940 -1.481
T123=13.6 14.1 15.5
ALT/AZ=49.2 90.9
fwAVG=2.48
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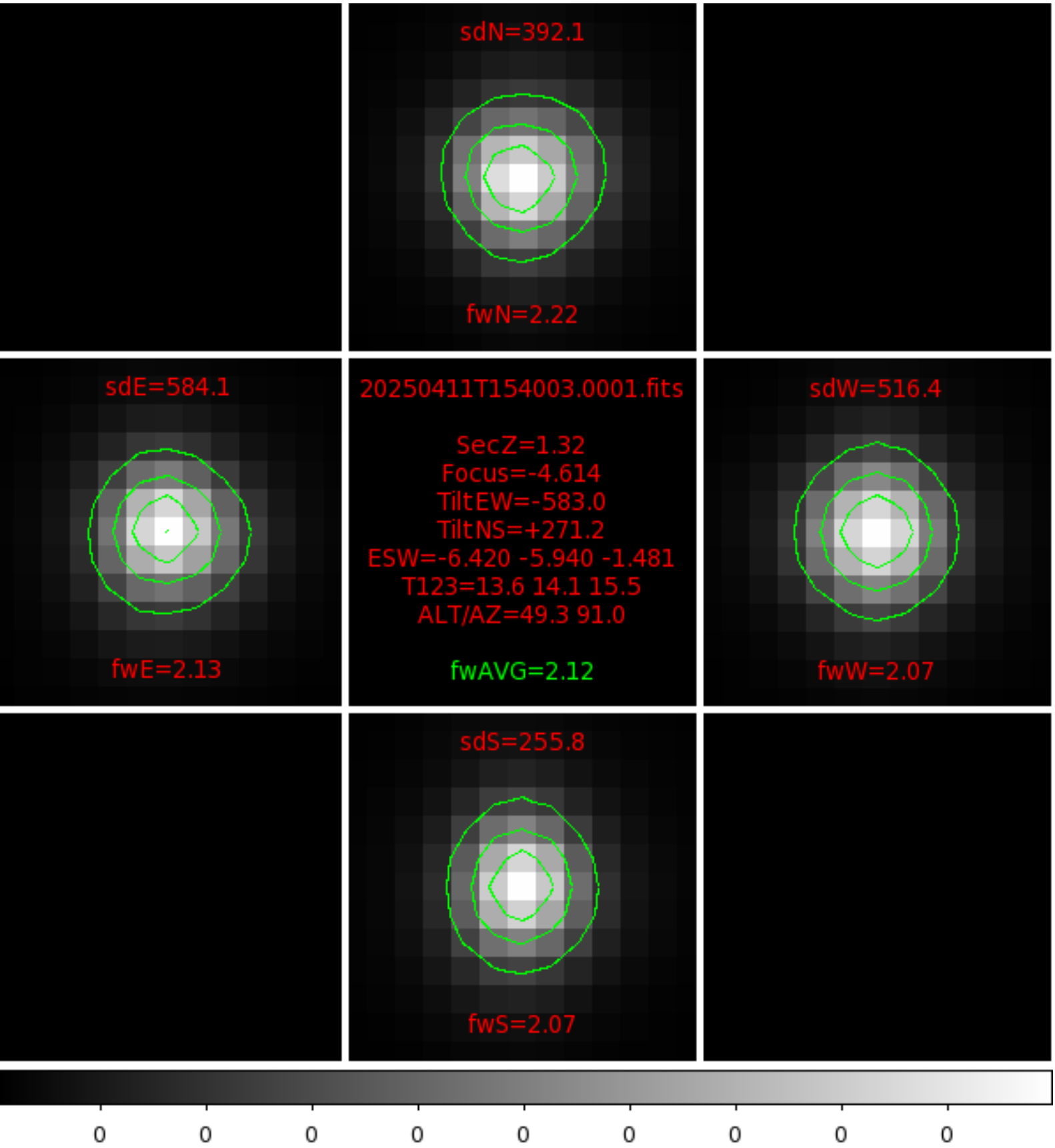
sdN=392.1
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SecZ=1.32
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.420 -5.940 -1.481
T123=13.6 14.1 15.5
ALT/AZ=49.3 91.0
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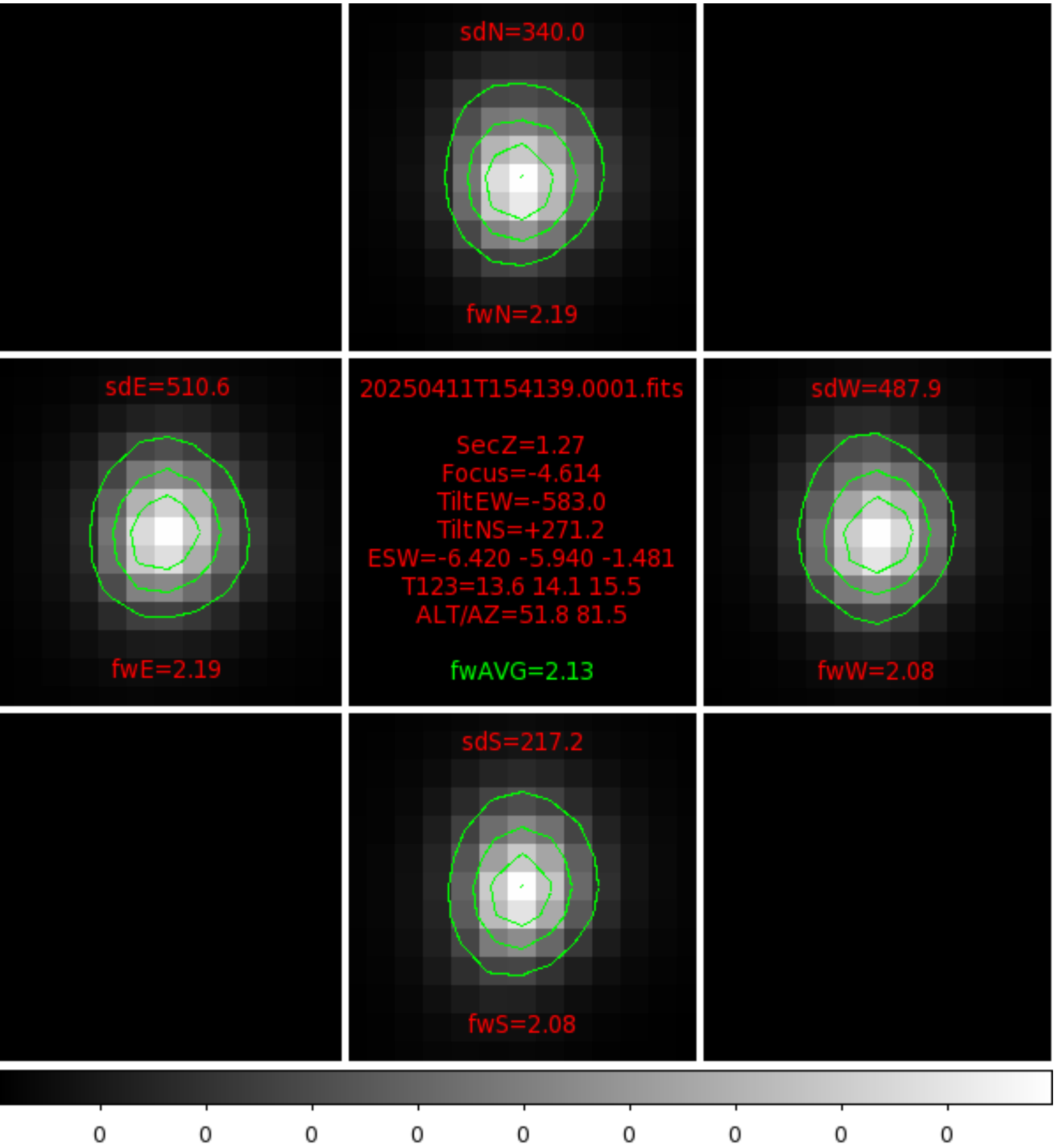
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.420 -5.940 -1.481
T123=13.6 14.1 15.5
ALT/AZ=51.8 81.5
fwAVG=2.13
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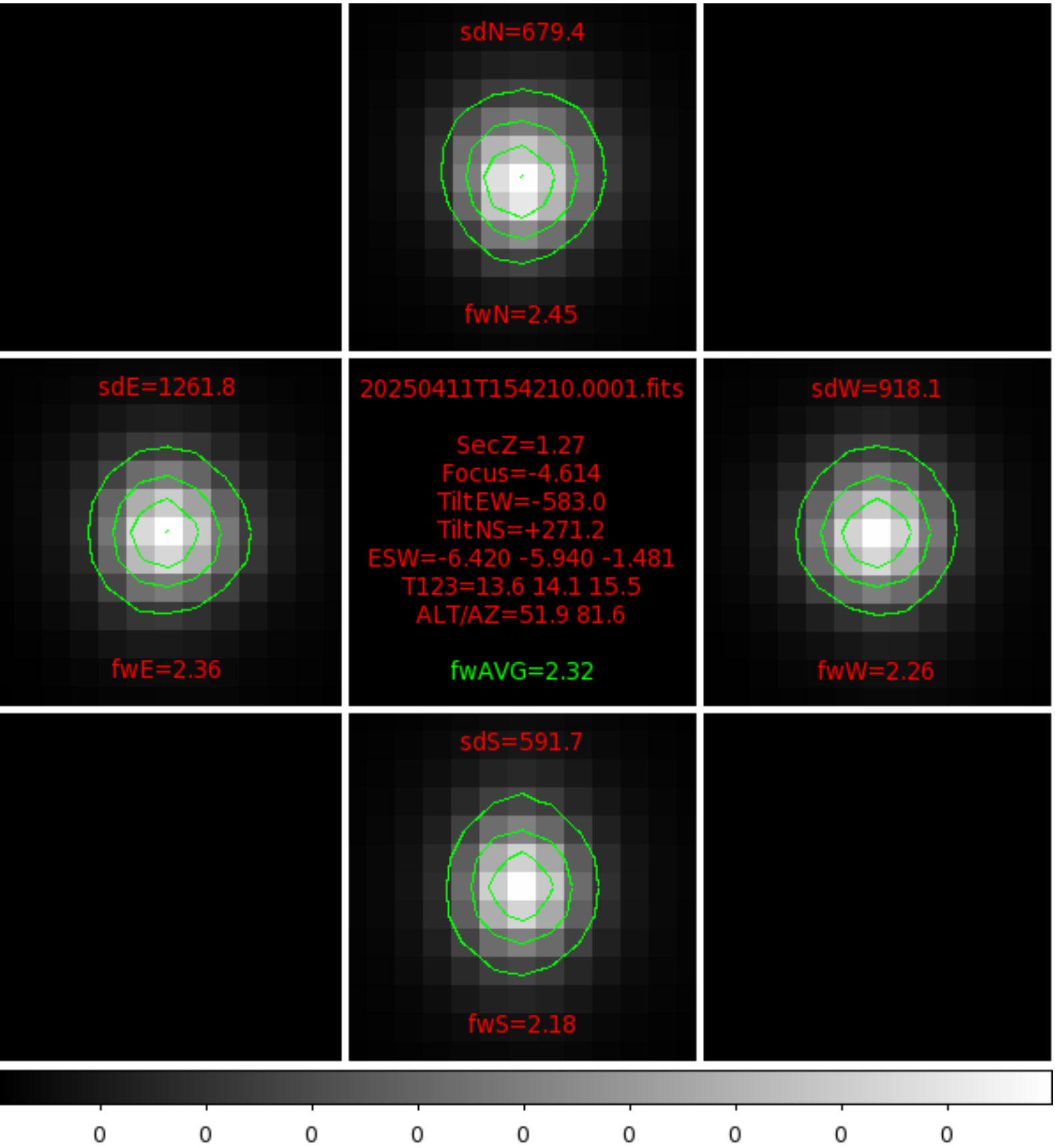
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T123=13.6 14.1 15.5
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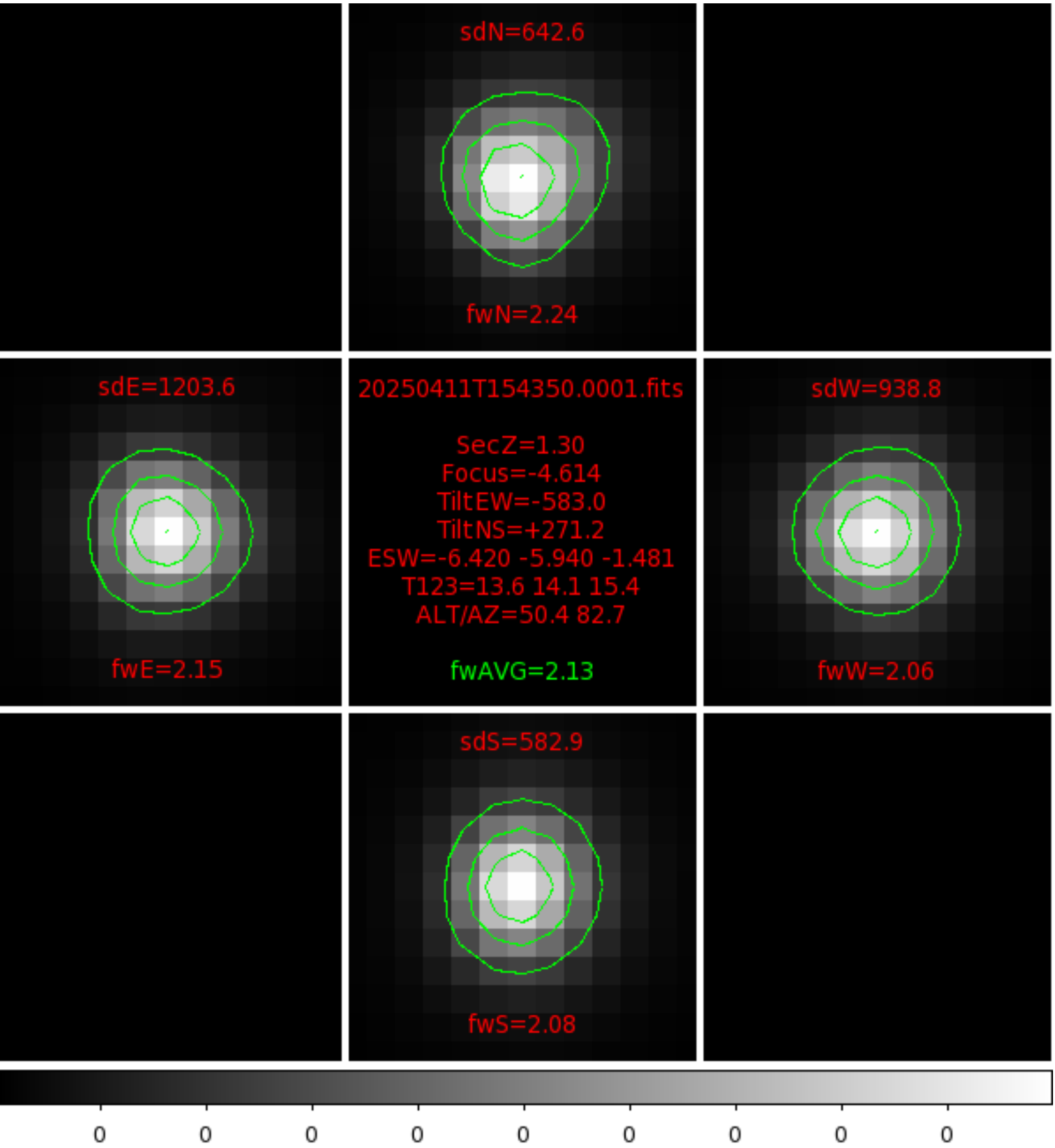
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TiltNS=+271.2
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T123=13.6 14.1 15.4
ALT/AZ=50.4 82.7
fwAVG=2.13
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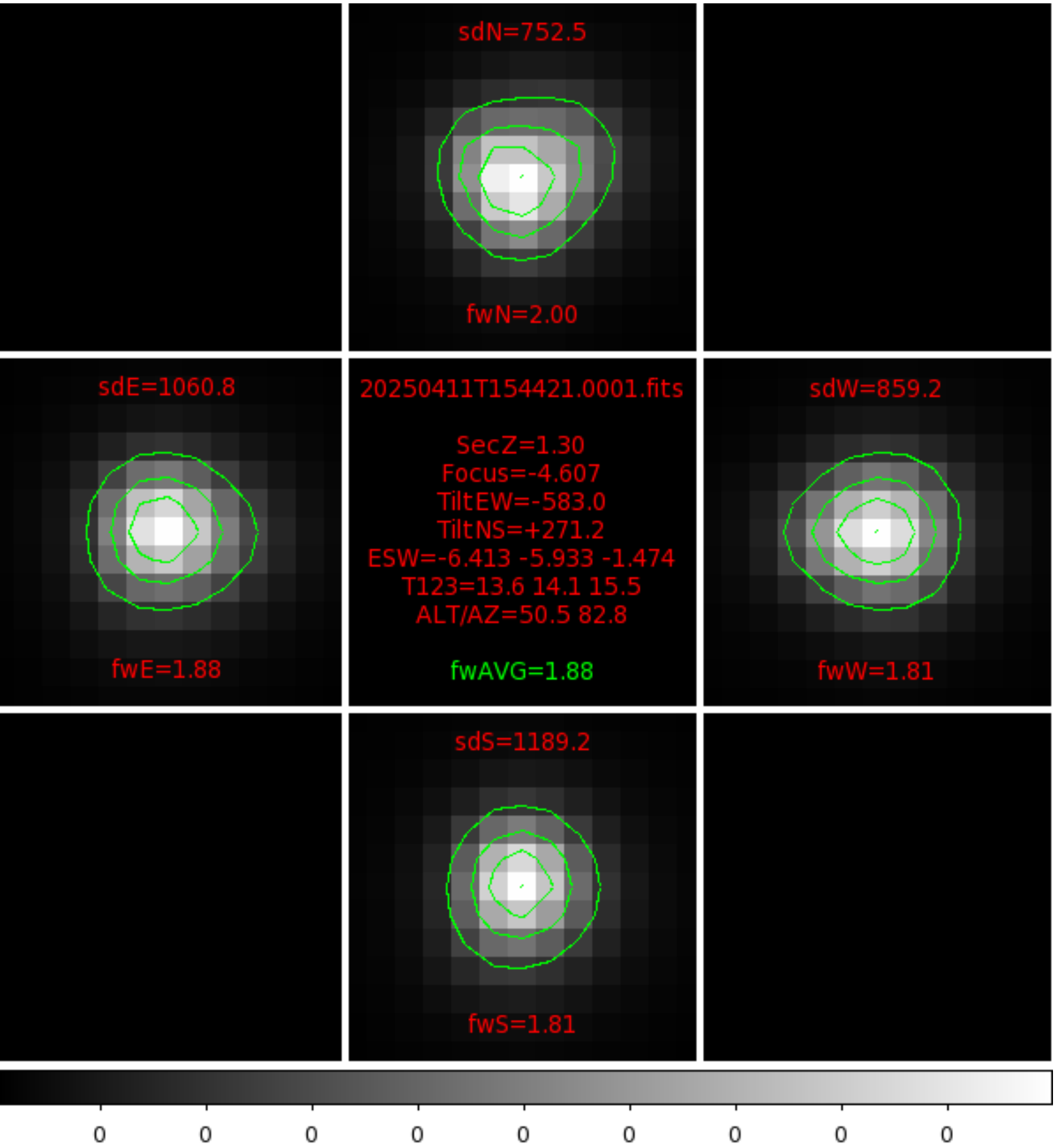
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SecZ=1.30
Focus=-4.607
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.413 -5.933 -1.474
T123=13.6 14.1 15.5
ALT/AZ=50.5 82.8
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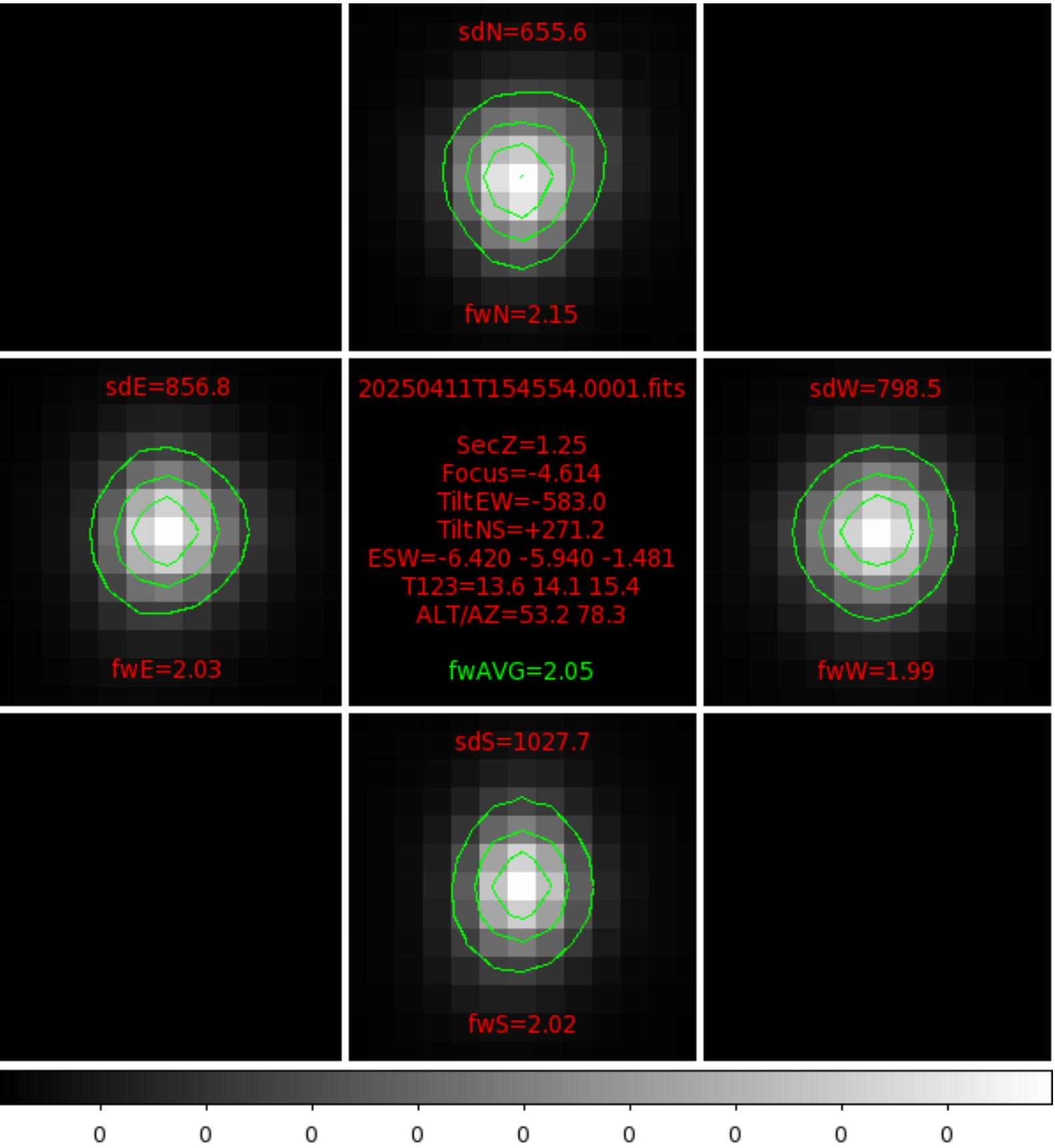
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TiltNS=+271.2
ESW=-6.420 -5.940 -1.481
T123=13.6 14.1 15.4
ALT/AZ=53.2 78.3
fwAVG=2.05
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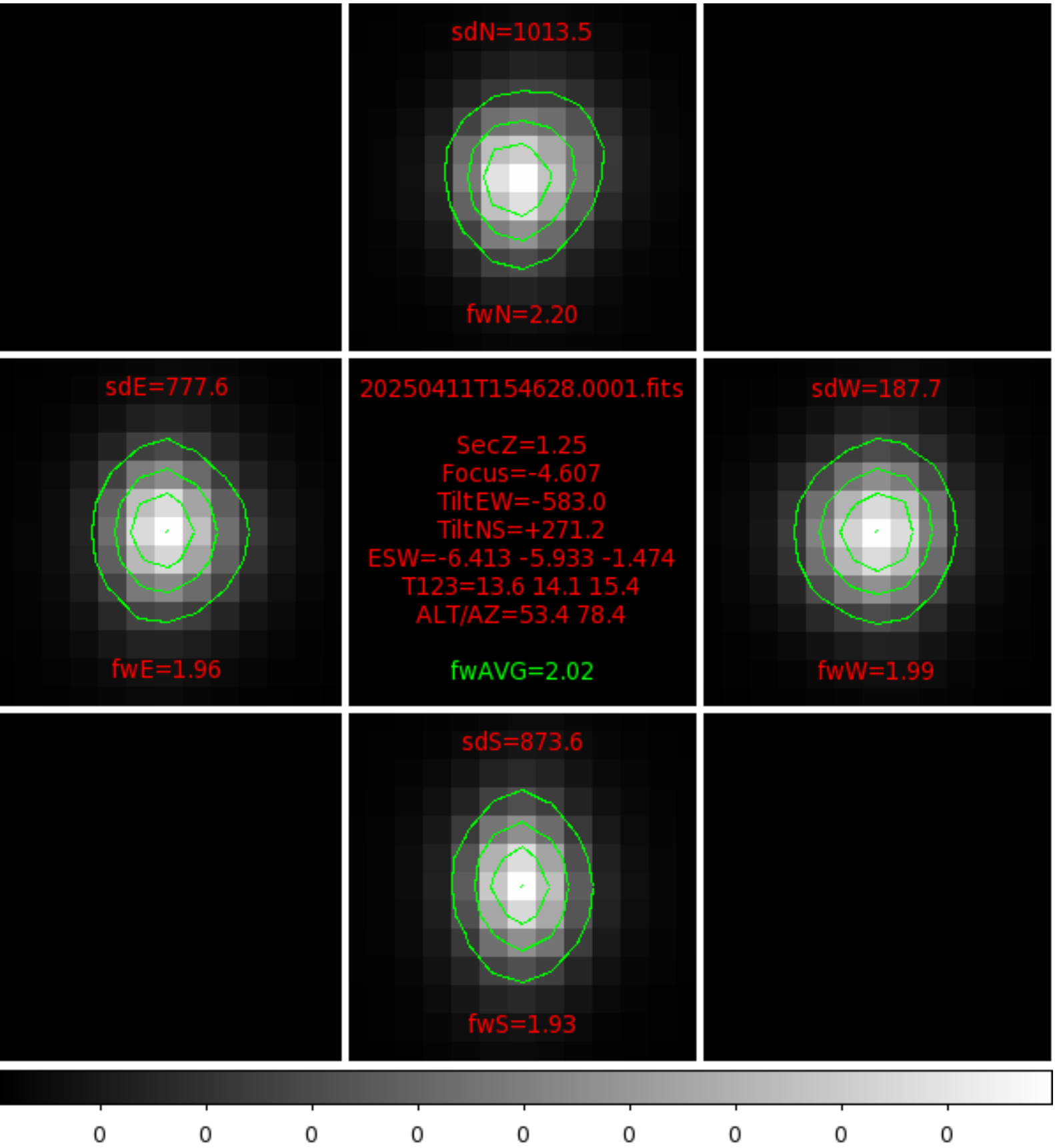
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.413 -5.933 -1.474
T123=13.6 14.1 15.4
ALT/AZ=53.4 78.4
fwAVG=2.02
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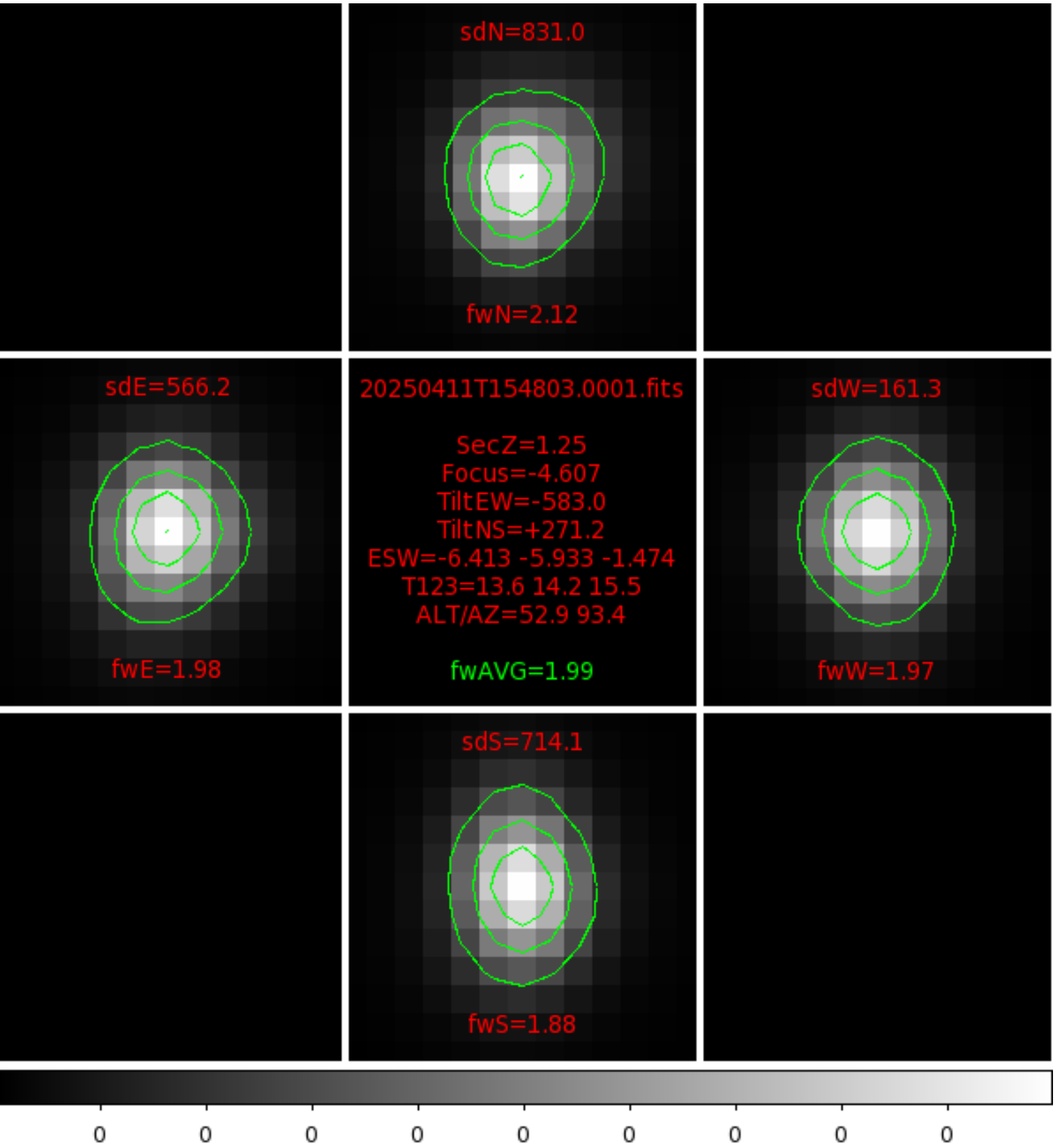
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SecZ=1.25
Focus=-4.607
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.413 -5.933 -1.474
T123=13.6 14.2 15.5
ALT/AZ=52.9 93.4
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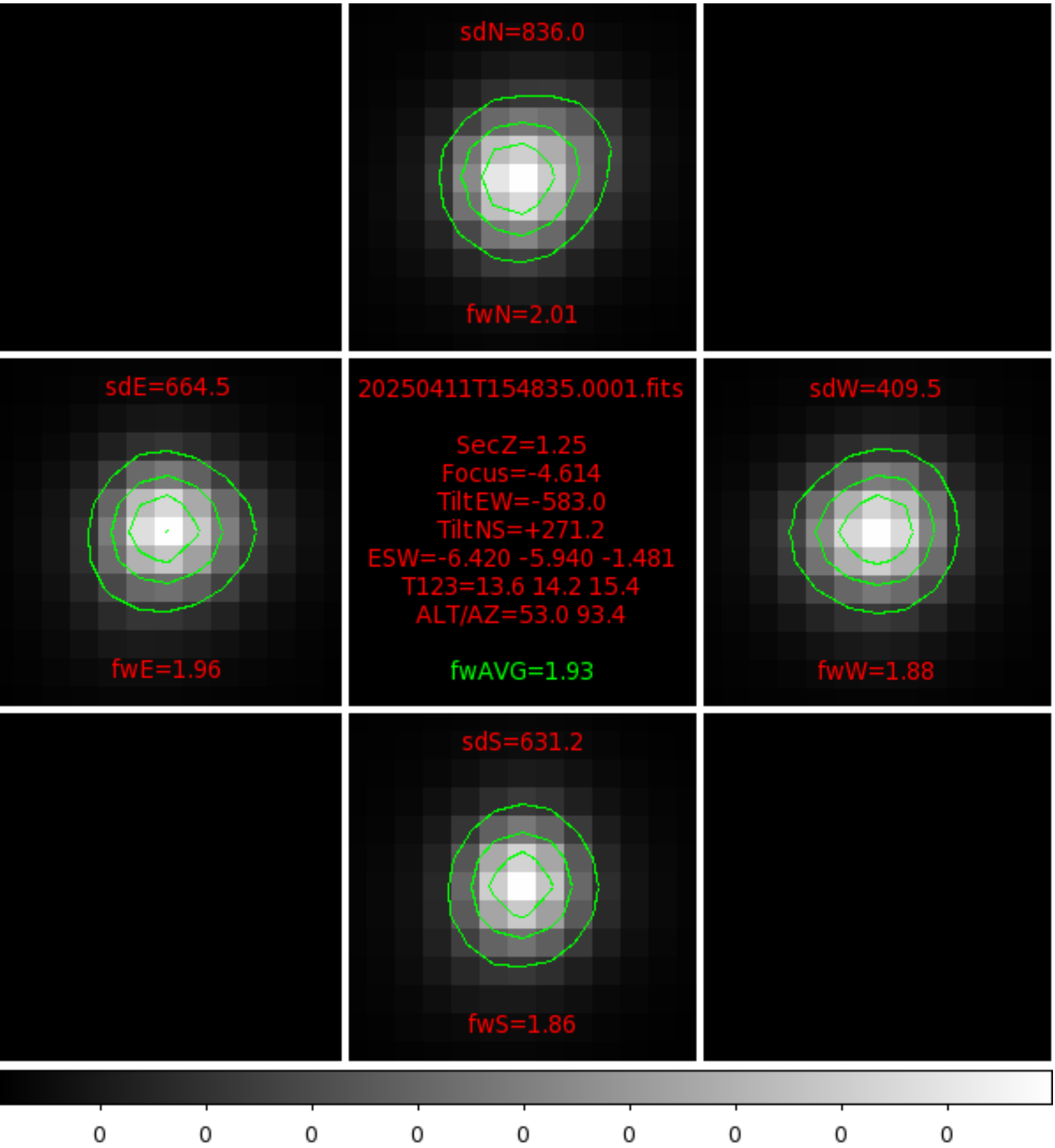
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.420 -5.940 -1.481
T123=13.6 14.2 15.4
ALT/AZ=53.0 93.4
fwAVG=1.93
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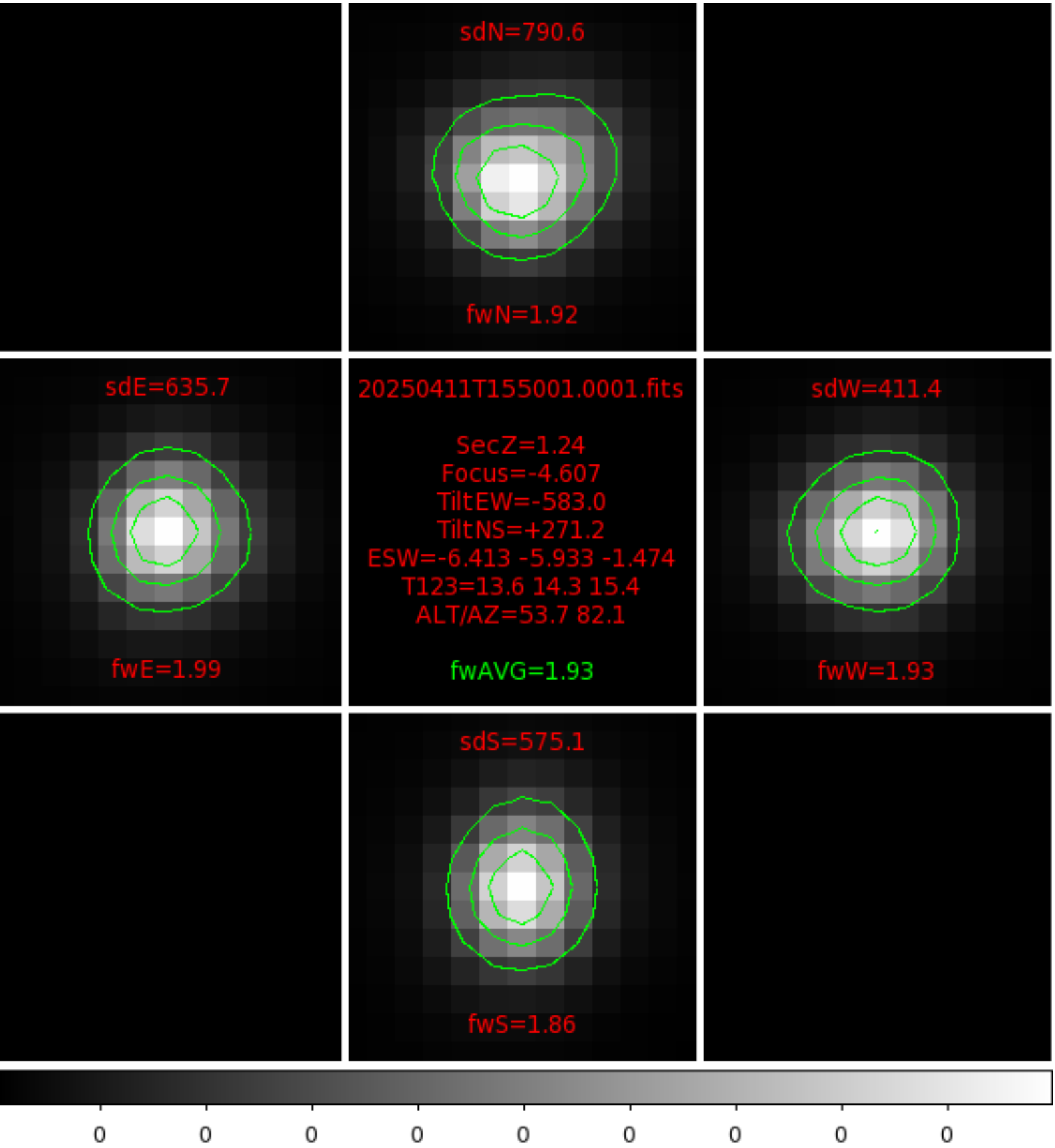
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TiltNS=+271.2
ESW=-6.413 -5.933 -1.474
T123=13.6 14.3 15.4
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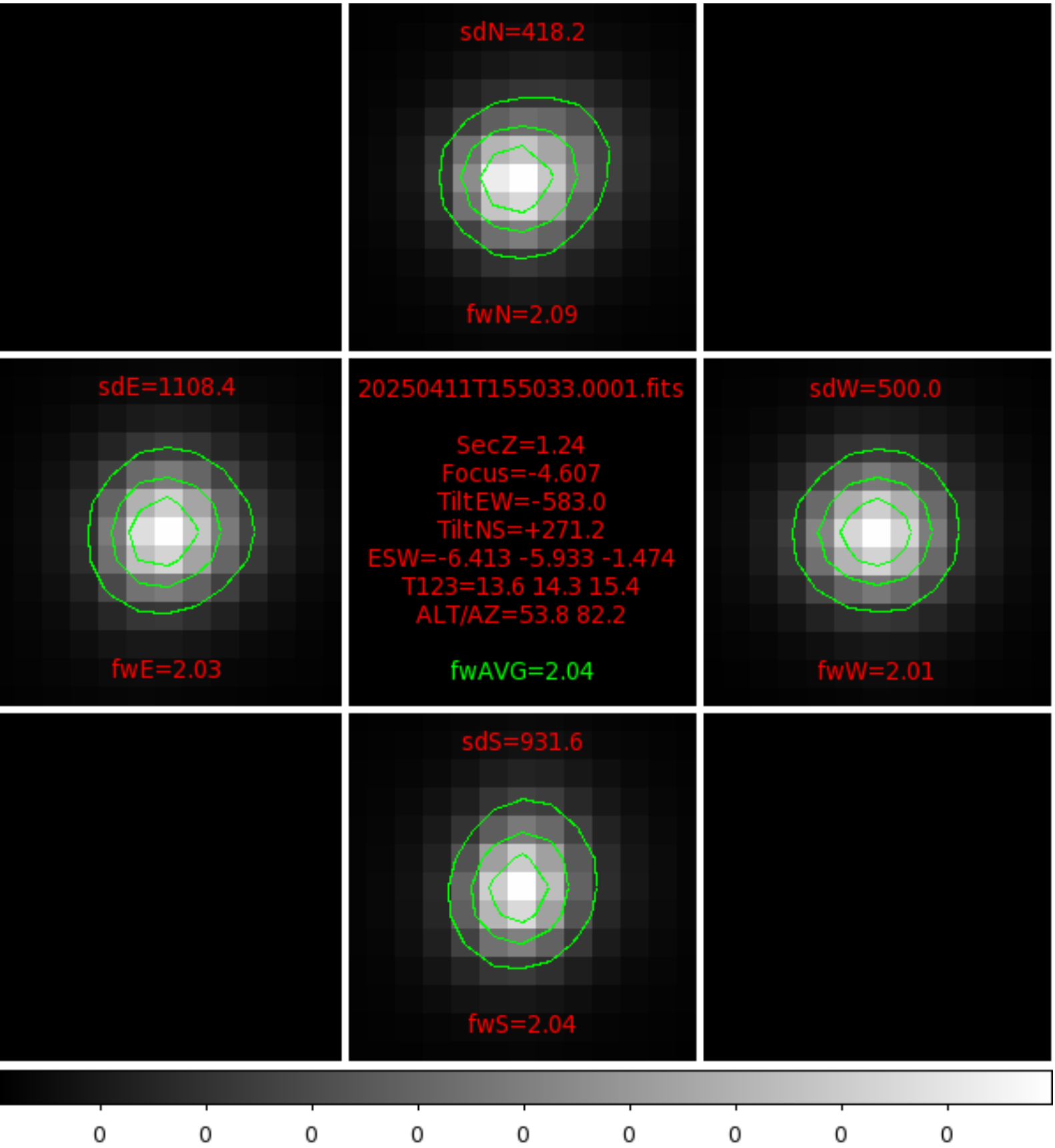
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TiltNS=+271.2
ESW=-6.413 -5.933 -1.474
T123=13.6 14.3 15.4
ALT/AZ=53.8 82.2
fwAVG=2.04
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sdS=931.6
fwS=2.04
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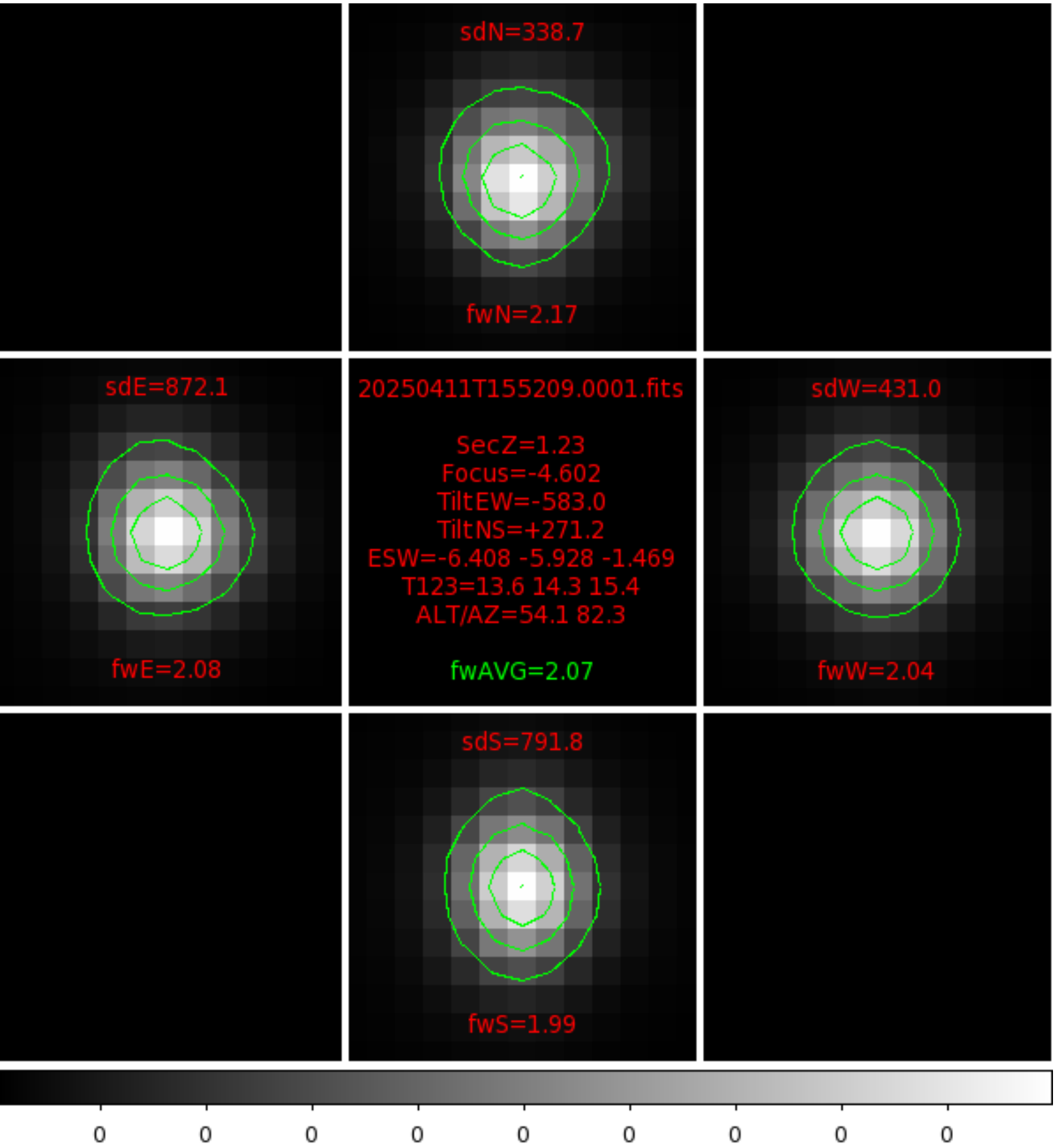
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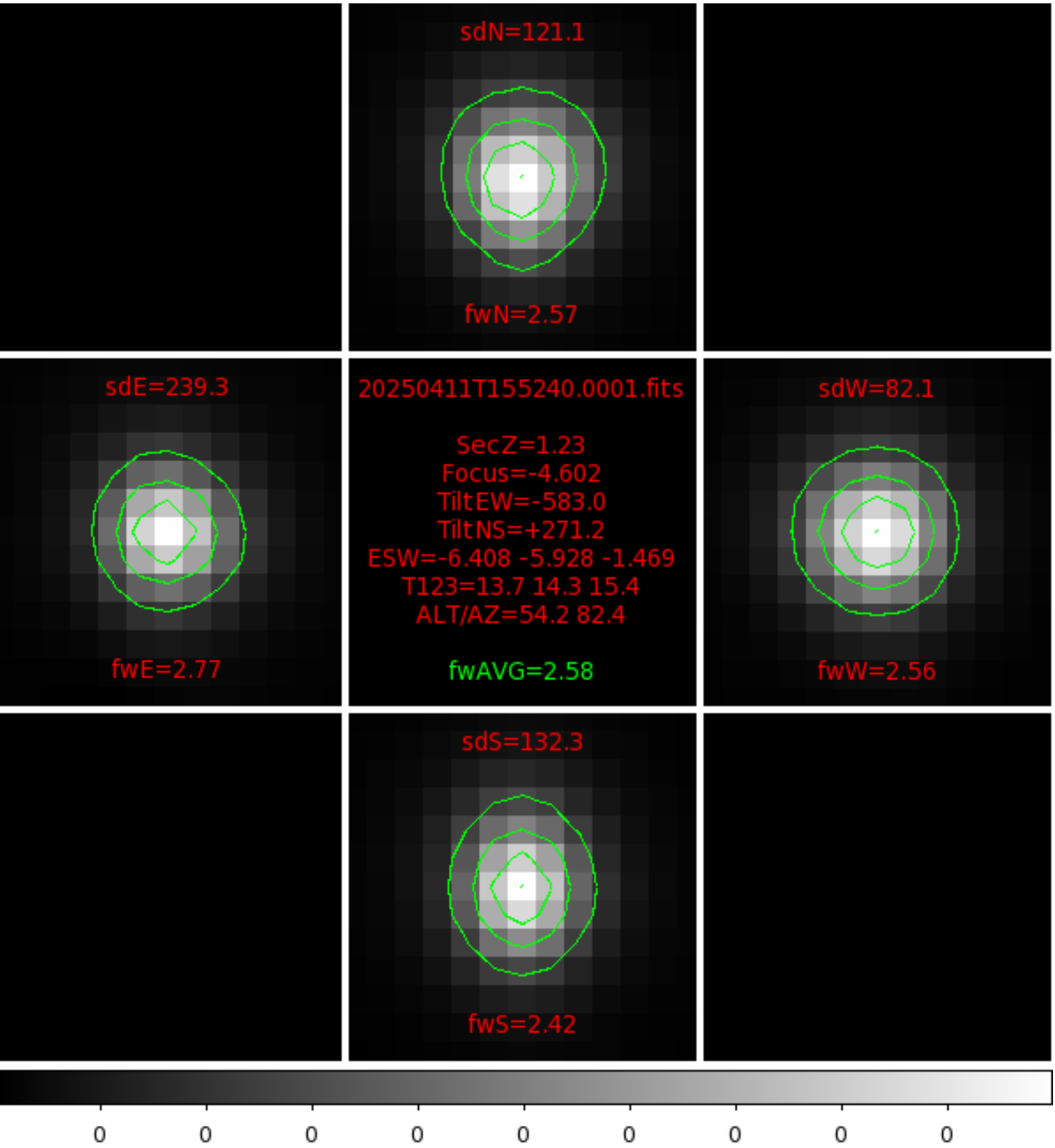
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T123=13.7 14.3 15.4
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fwAVG=2.58
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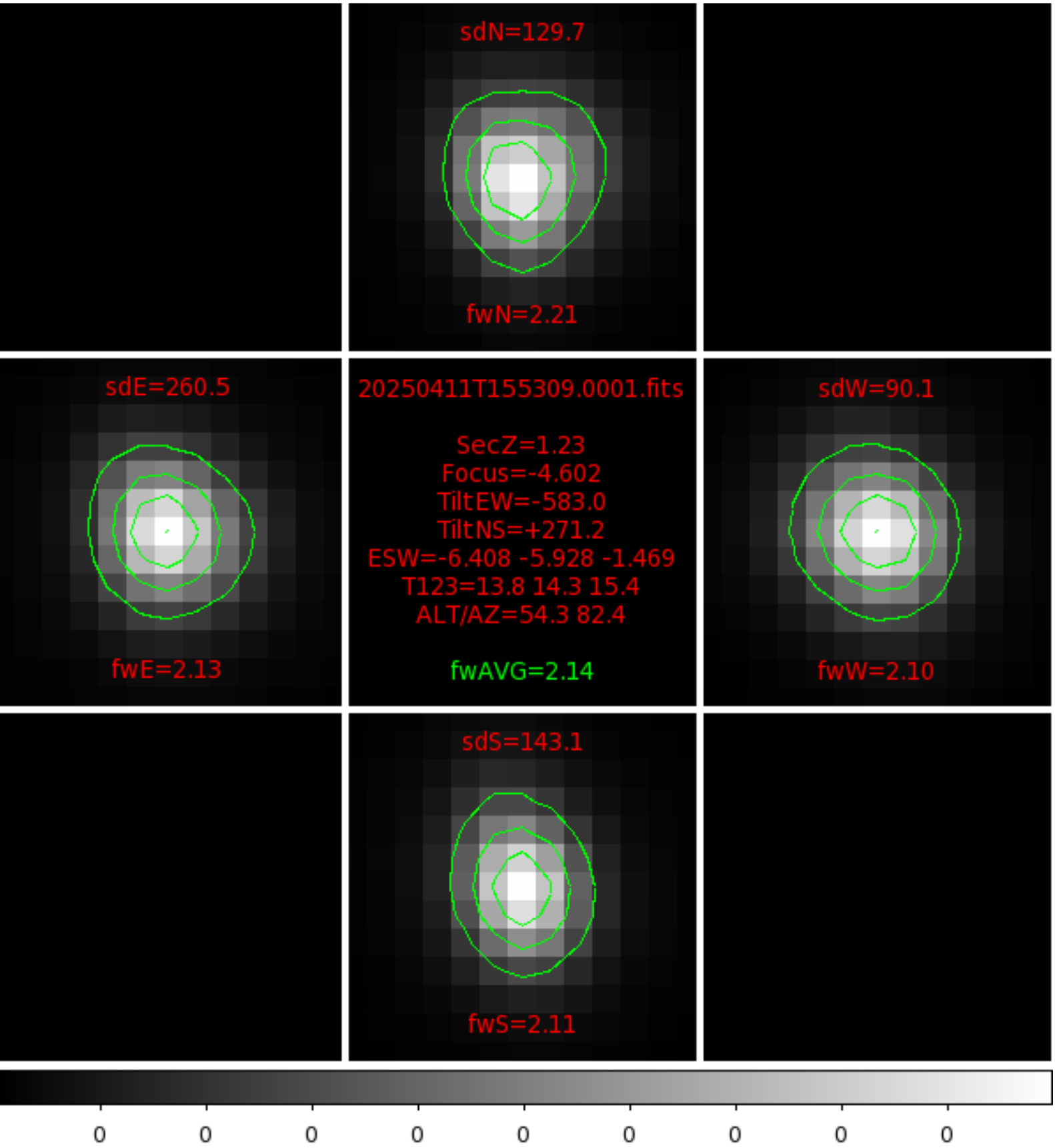
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SecZ=1.23
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ESW=-6.408 -5.928 -1.469
T123=13.8 14.3 15.4
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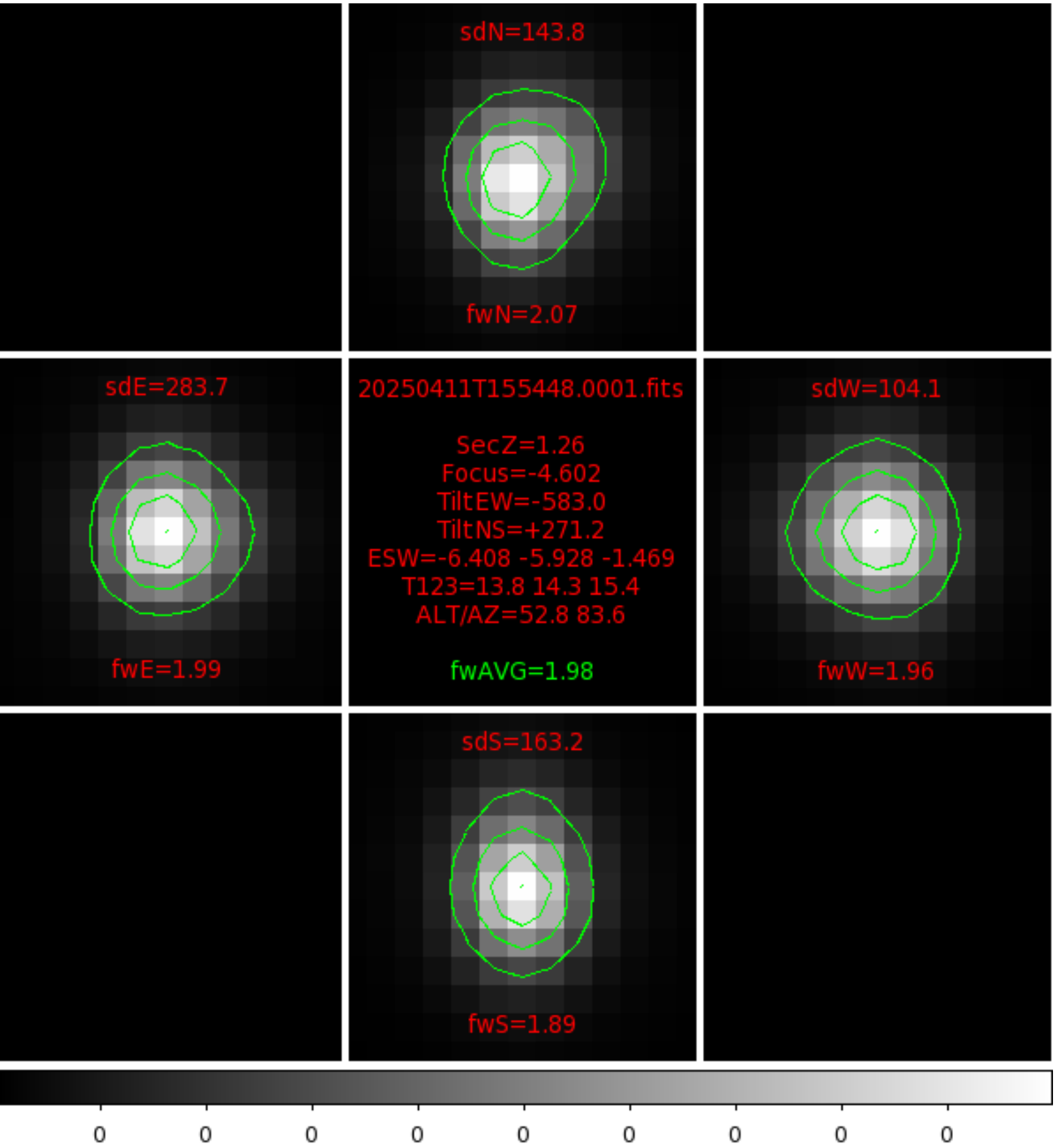
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SecZ=1.26
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ESW=-6.408 -5.928 -1.469
T123=13.8 14.3 15.4
ALT/AZ=52.8 83.6
fwAVG=1.98
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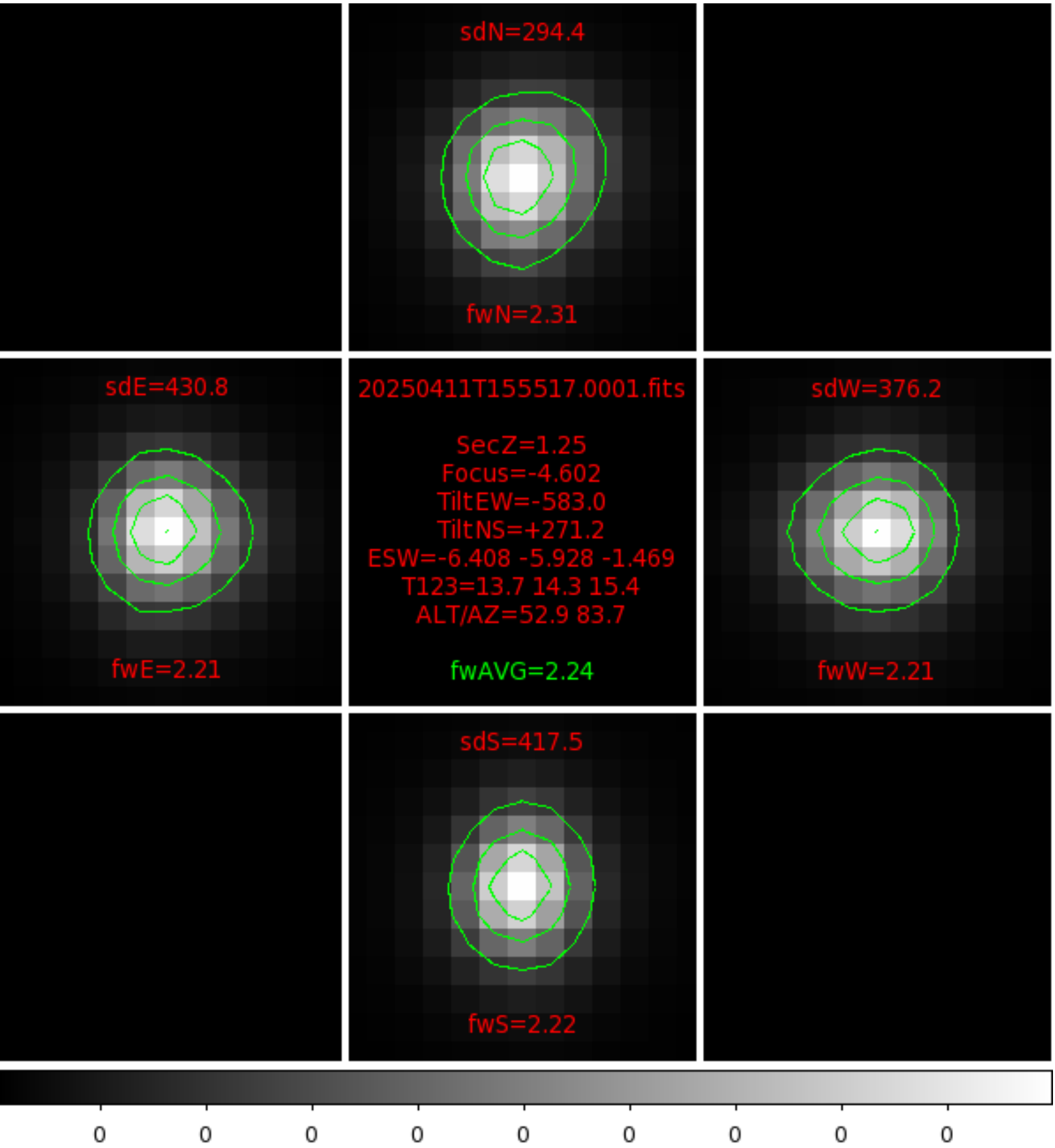
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SecZ=1.25
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=13.7 14.3 15.4
ALT/AZ=52.9 83.7
fwAVG=2.24
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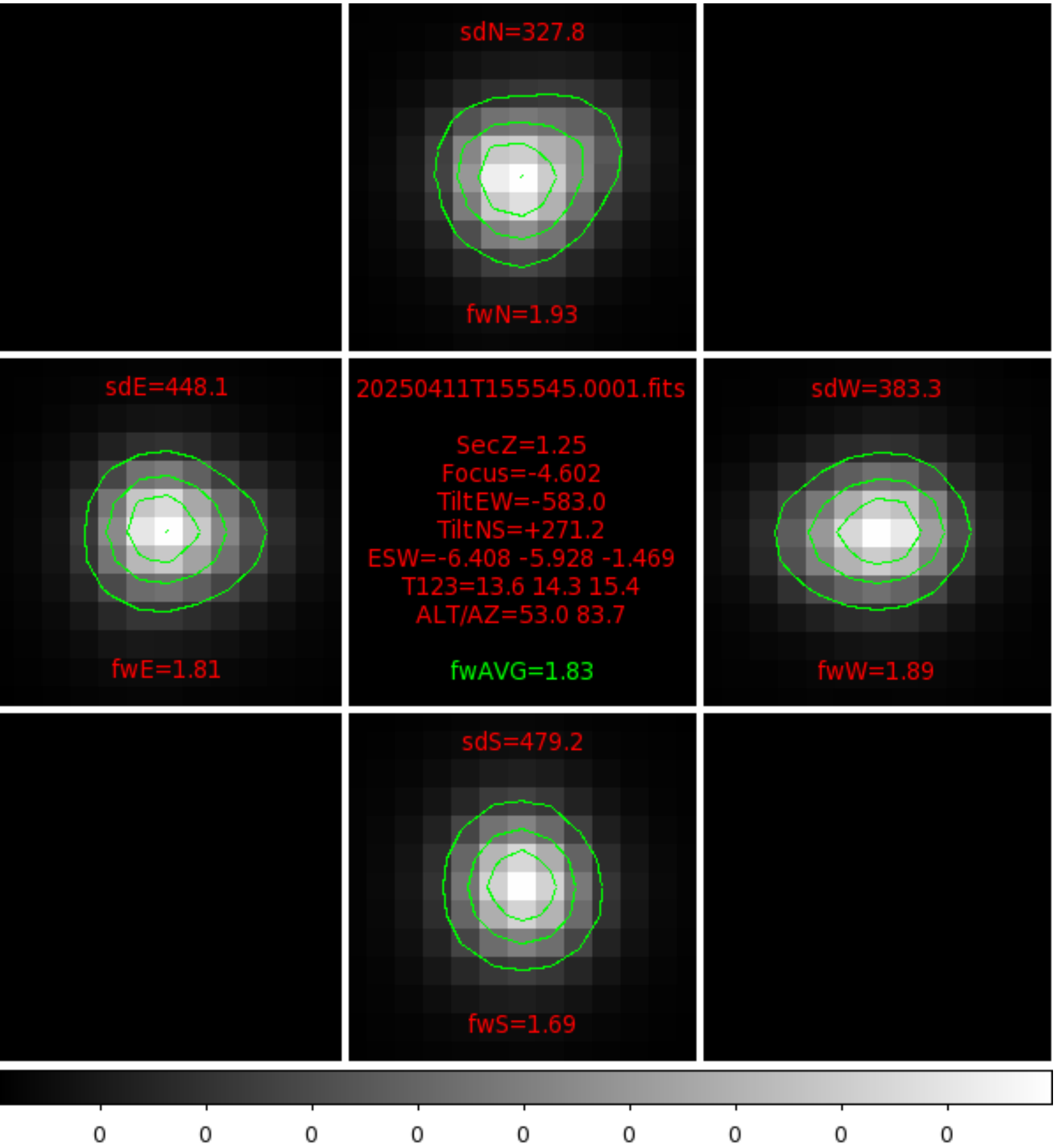
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SecZ=1.25
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=13.6 14.3 15.4
ALT/AZ=53.0 83.7
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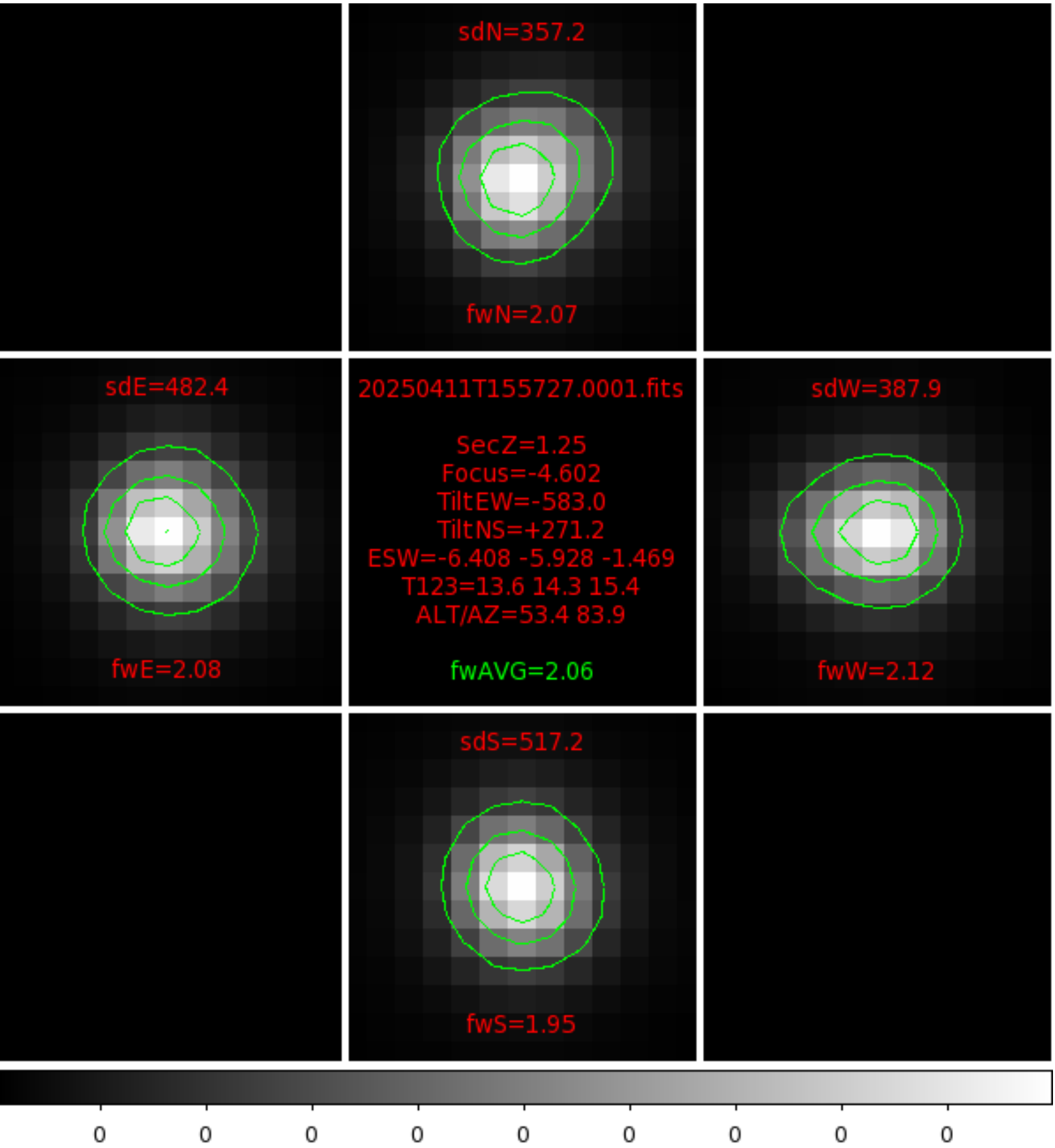
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SecZ=1.25
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=13.6 14.3 15.4
ALT/AZ=53.4 83.9
fwAVG=2.06
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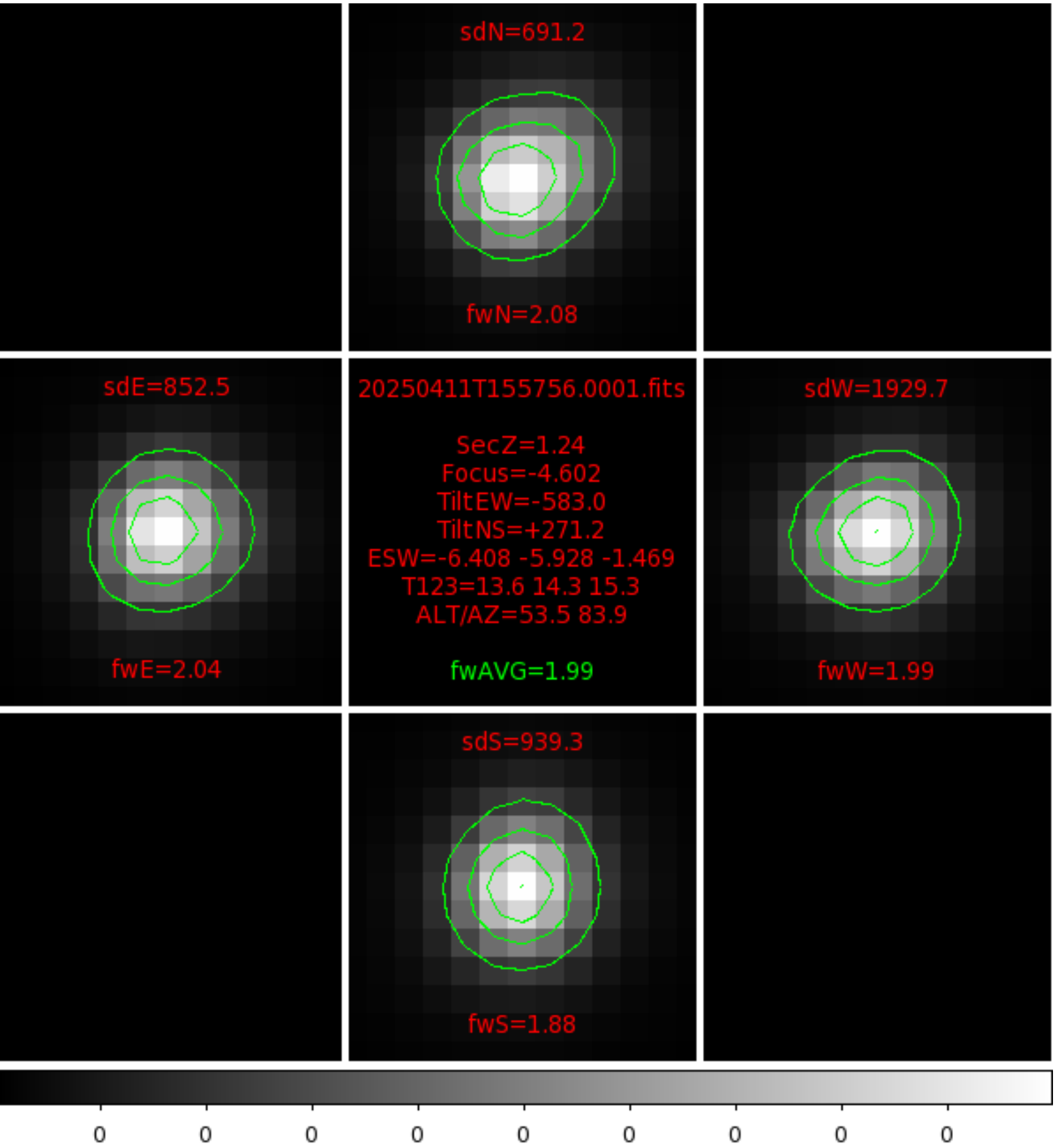
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20250411T155756.0001.fits
SecZ=1.24
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=13.6 14.3 15.3
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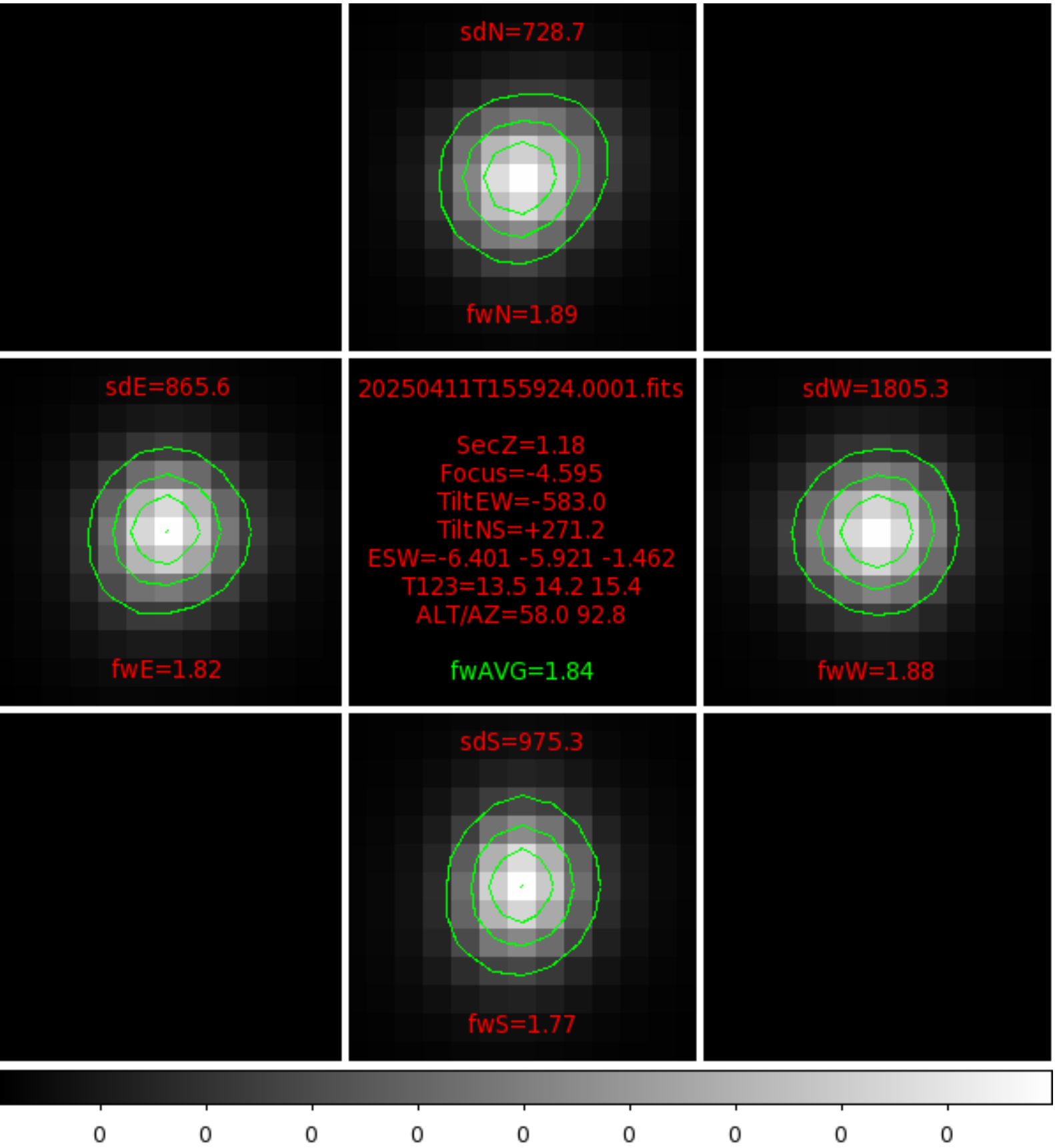
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SecZ=1.18
Focus=-4.595
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.5 14.2 15.4
ALT/AZ=58.0 92.8
fwAVG=1.84
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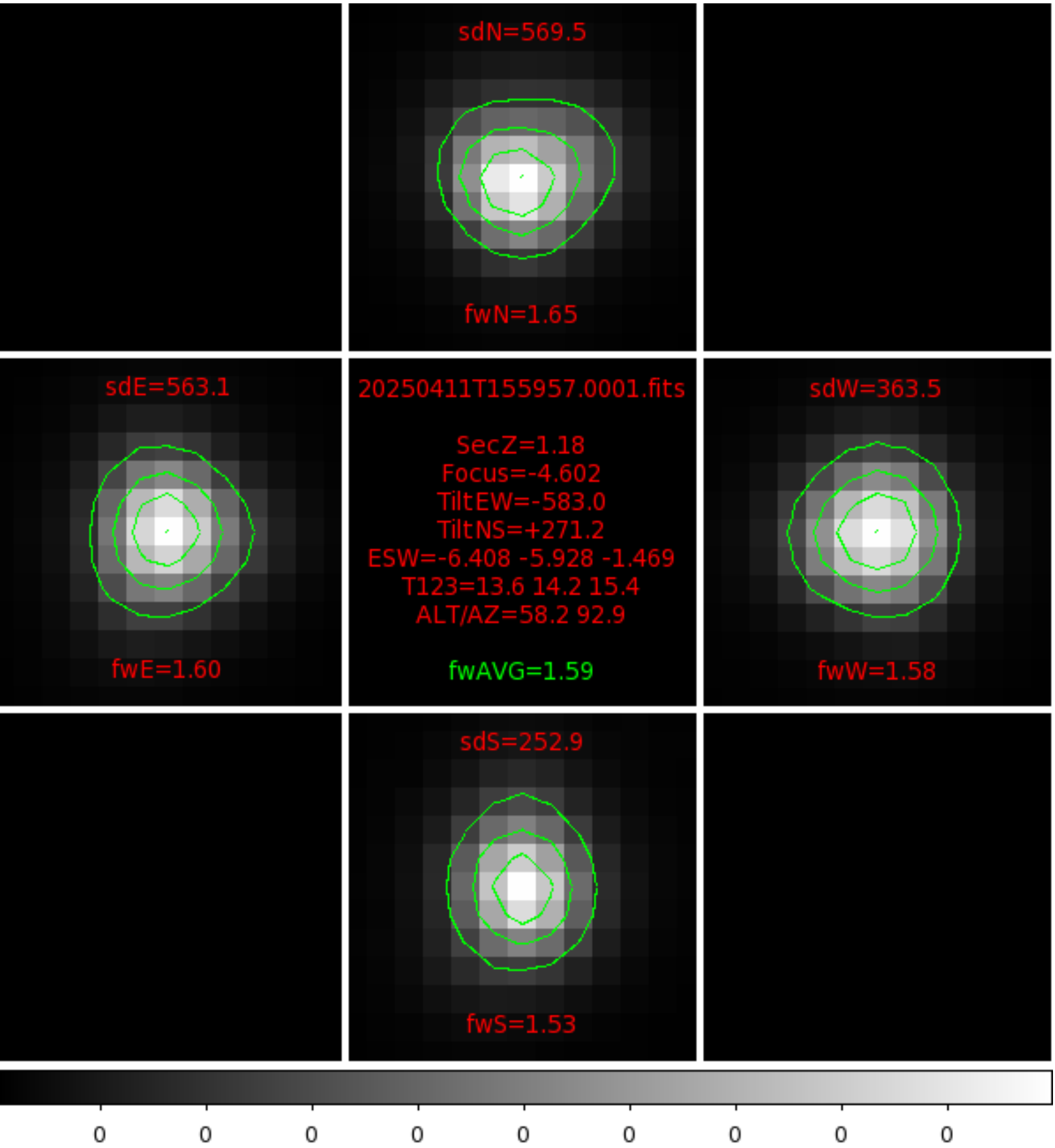
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sdE=563.1
fwE=1.60
20250411T155957.0001.fits
SecZ=1.18
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=13.6 14.2 15.4
ALT/AZ=58.2 92.9
fwAVG=1.59
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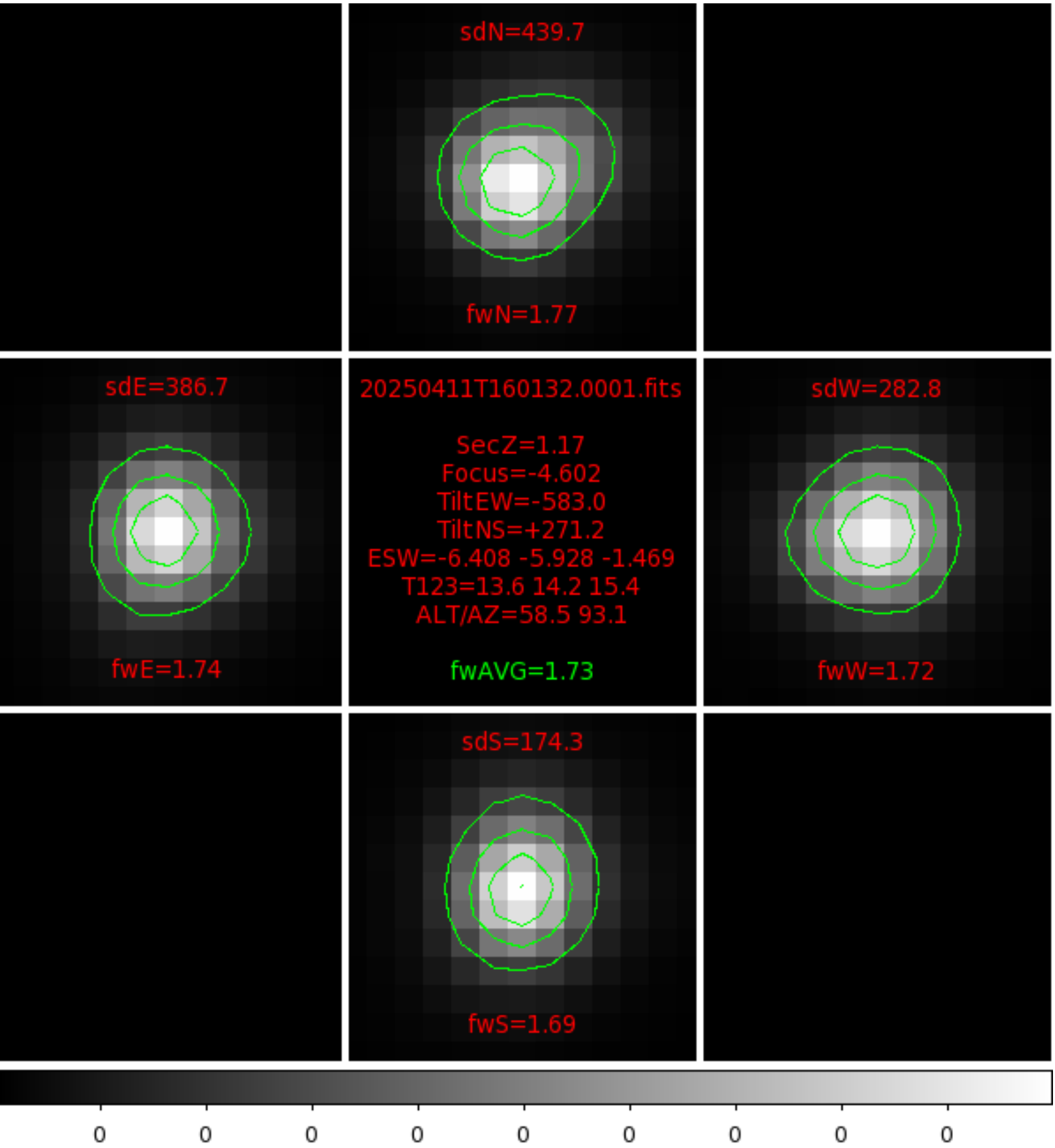
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SecZ=1.17
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=13.6 14.2 15.4
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fwAVG=1.73
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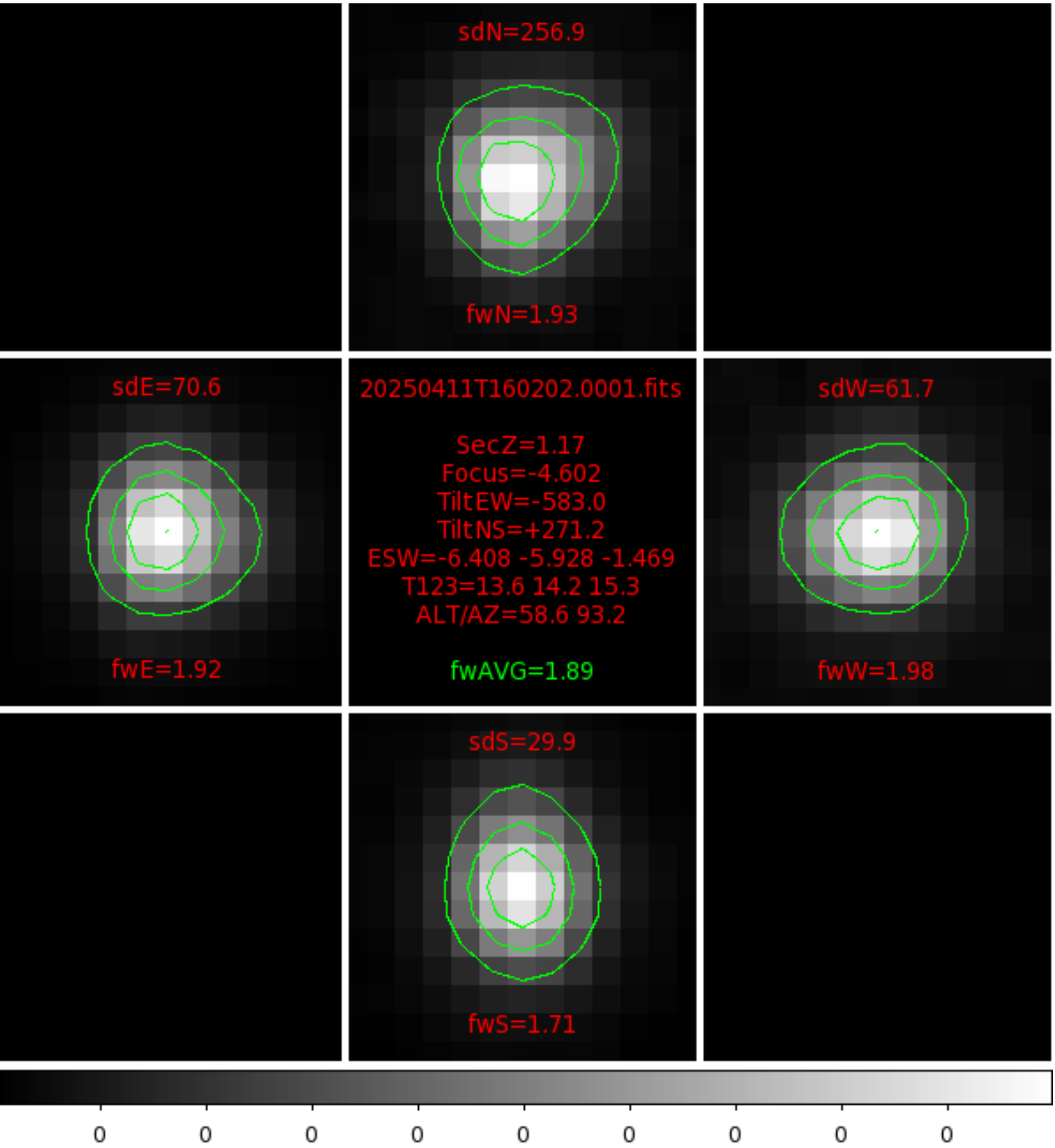
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SecZ=1.17
Focus=-4.602
TiltEW=-583.0
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ESW=-6.408 -5.928 -1.469
T123=13.6 14.2 15.3
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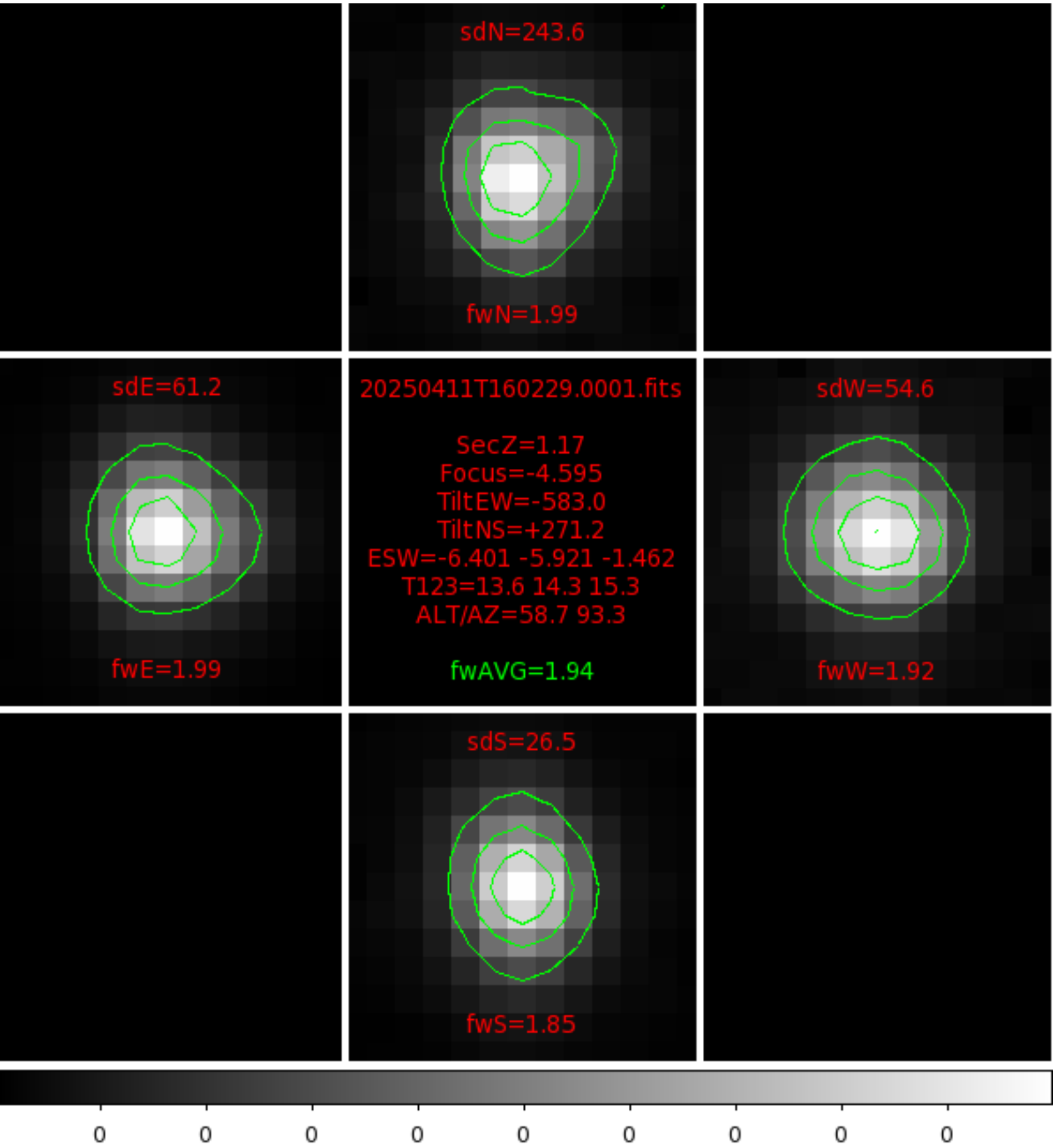
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SecZ=1.17
Focus=-4.595
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.6 14.3 15.3
ALT/AZ=58.7 93.3
fwAVG=1.94
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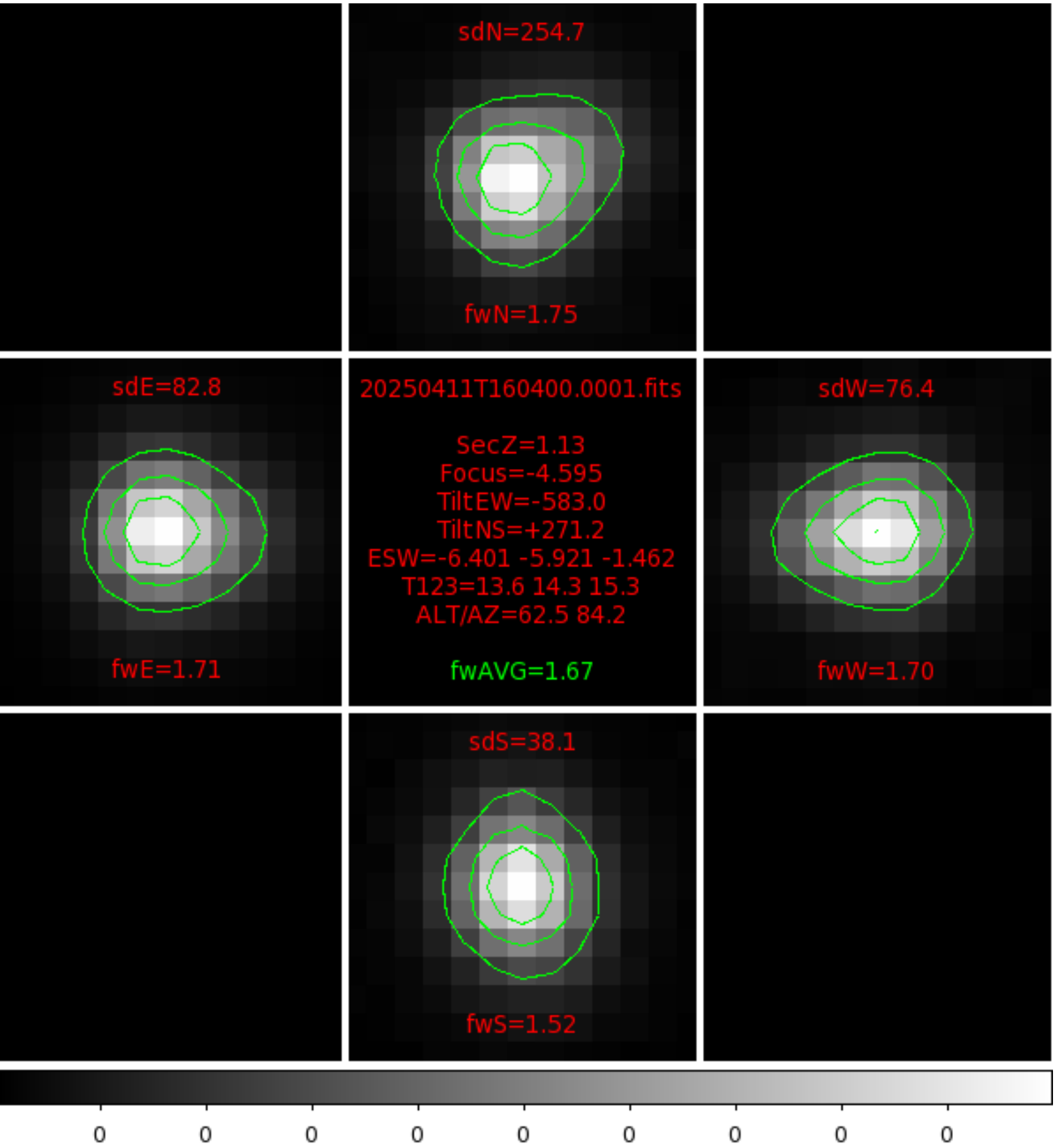
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SecZ=1.13
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.6 14.3 15.3
ALT/AZ=62.5 84.2
fwAVG=1.67
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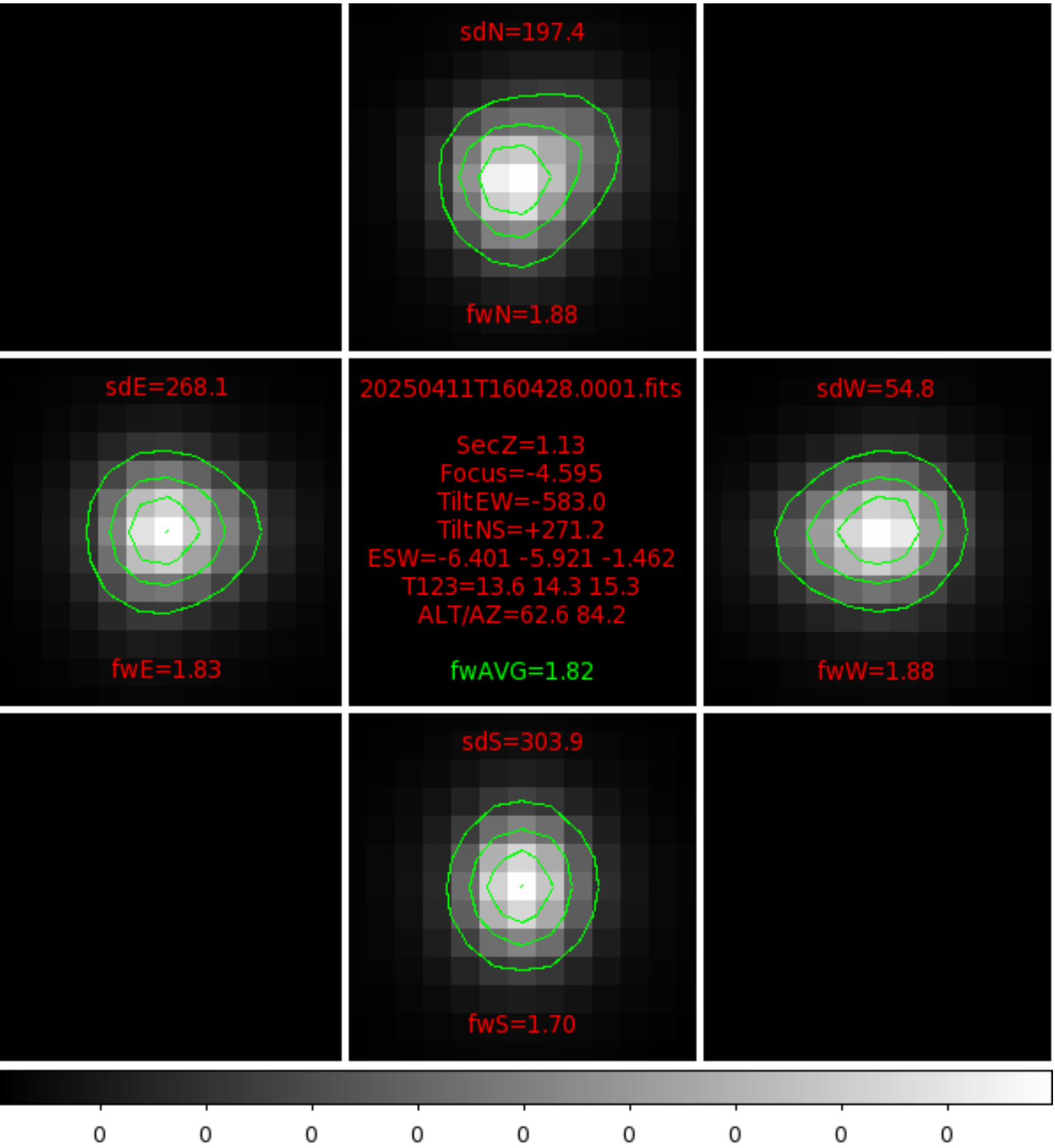
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Focus=-4.595
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.6 14.3 15.3
ALT/AZ=62.6 84.2
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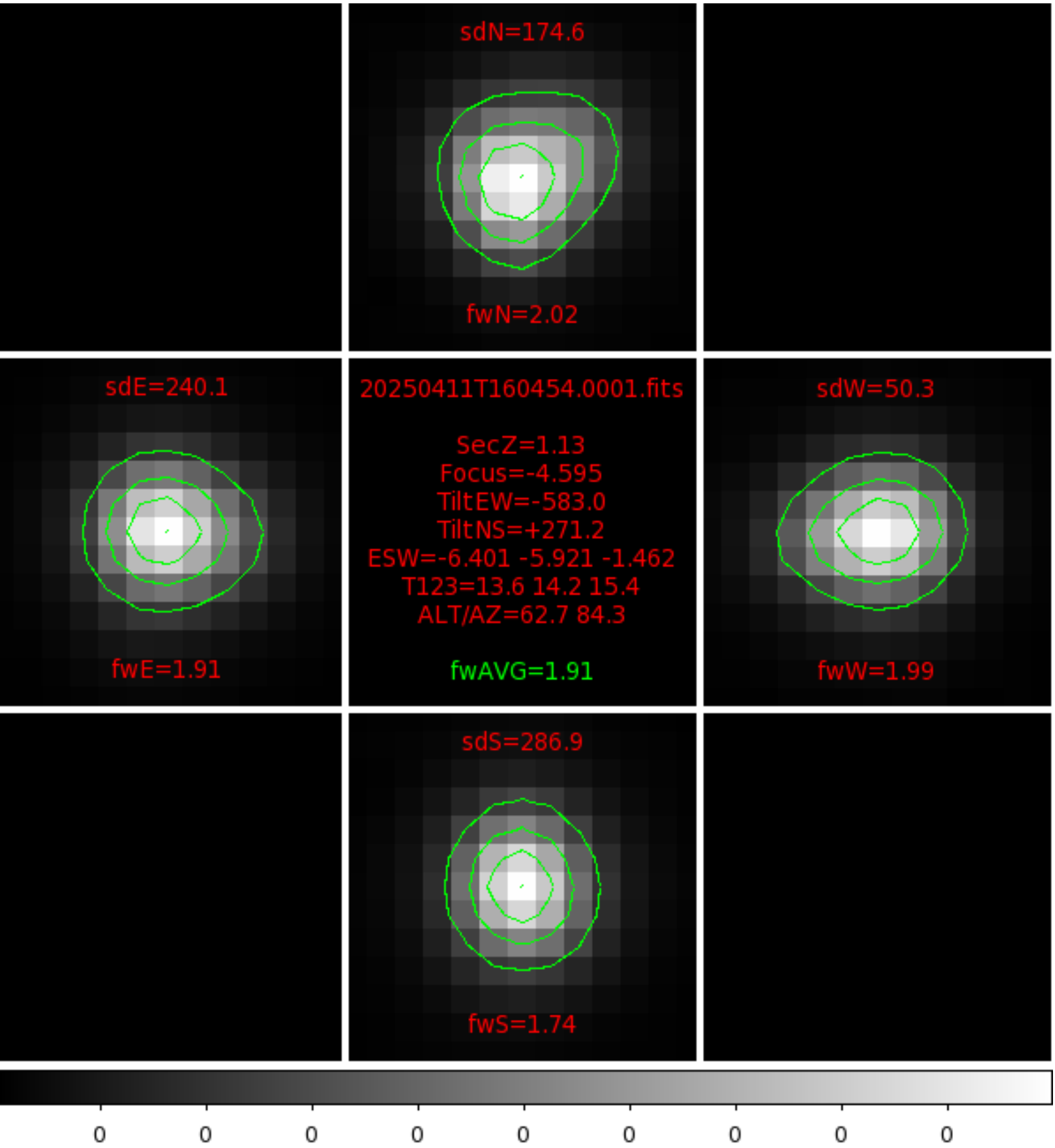
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.6 14.2 15.4
ALT/AZ=62.7 84.3
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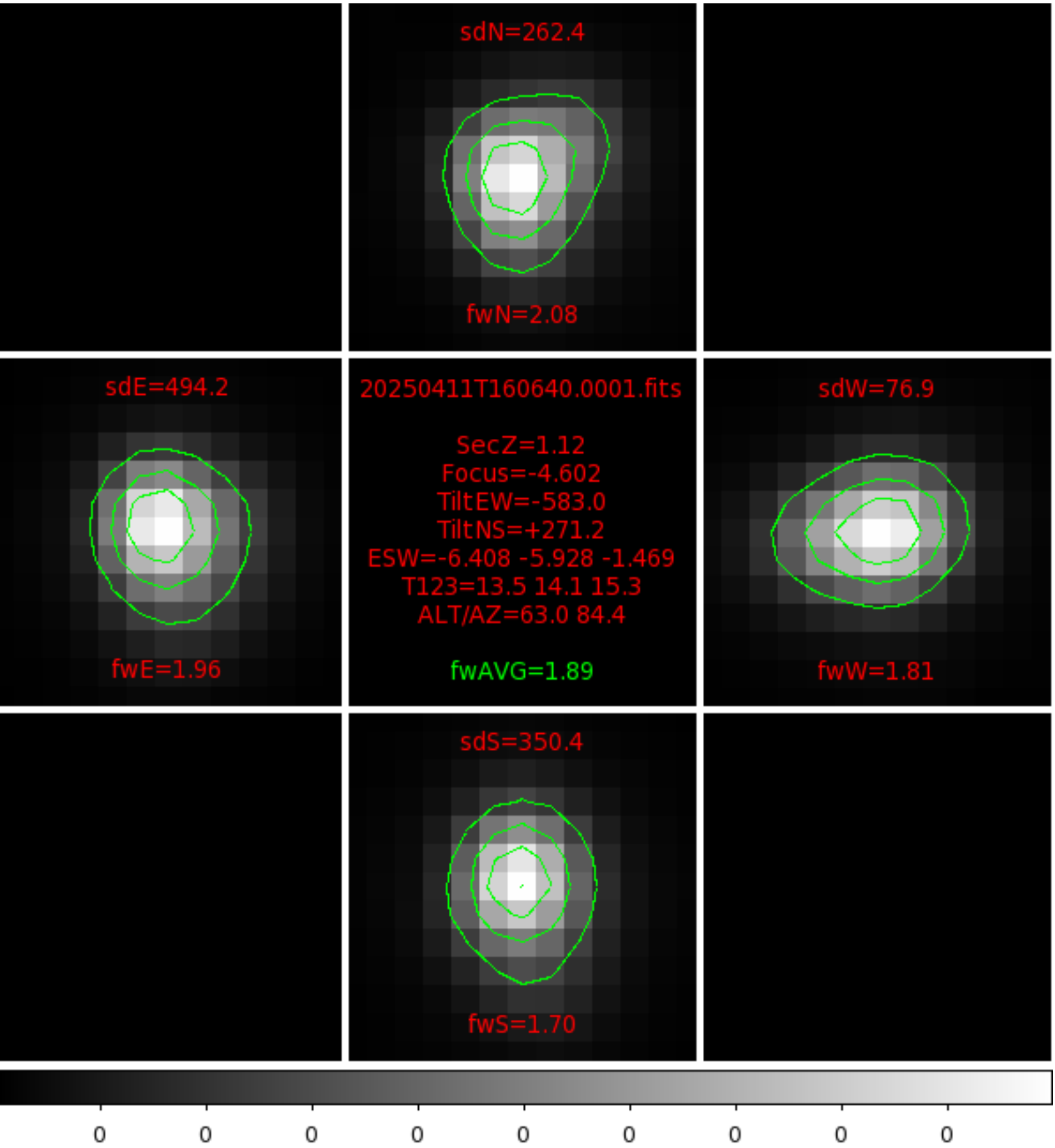
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TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=13.5 14.1 15.3
ALT/AZ=63.0 84.4
fwAVG=1.89
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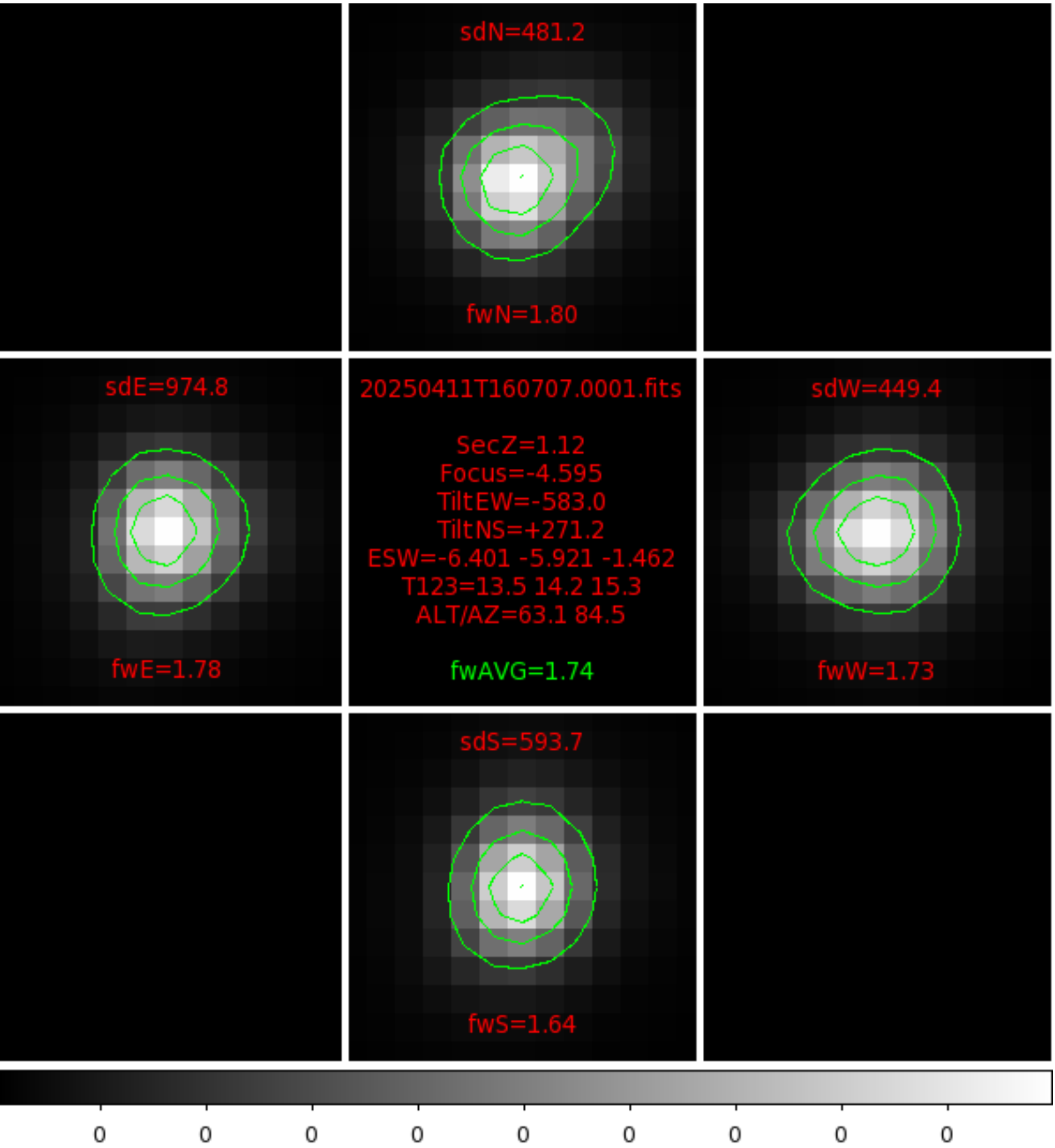
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.5 14.2 15.3
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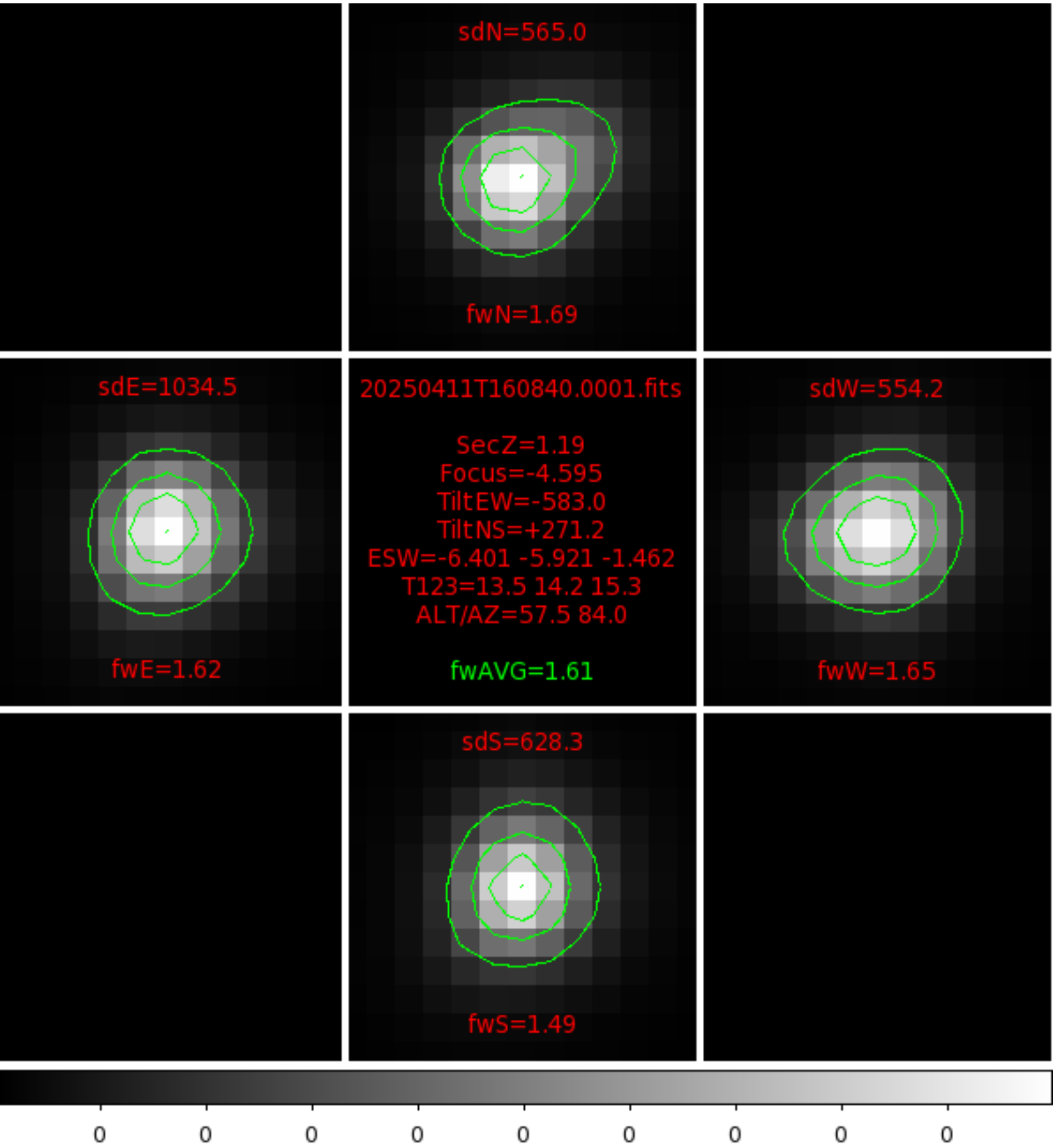
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TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.5 14.2 15.3
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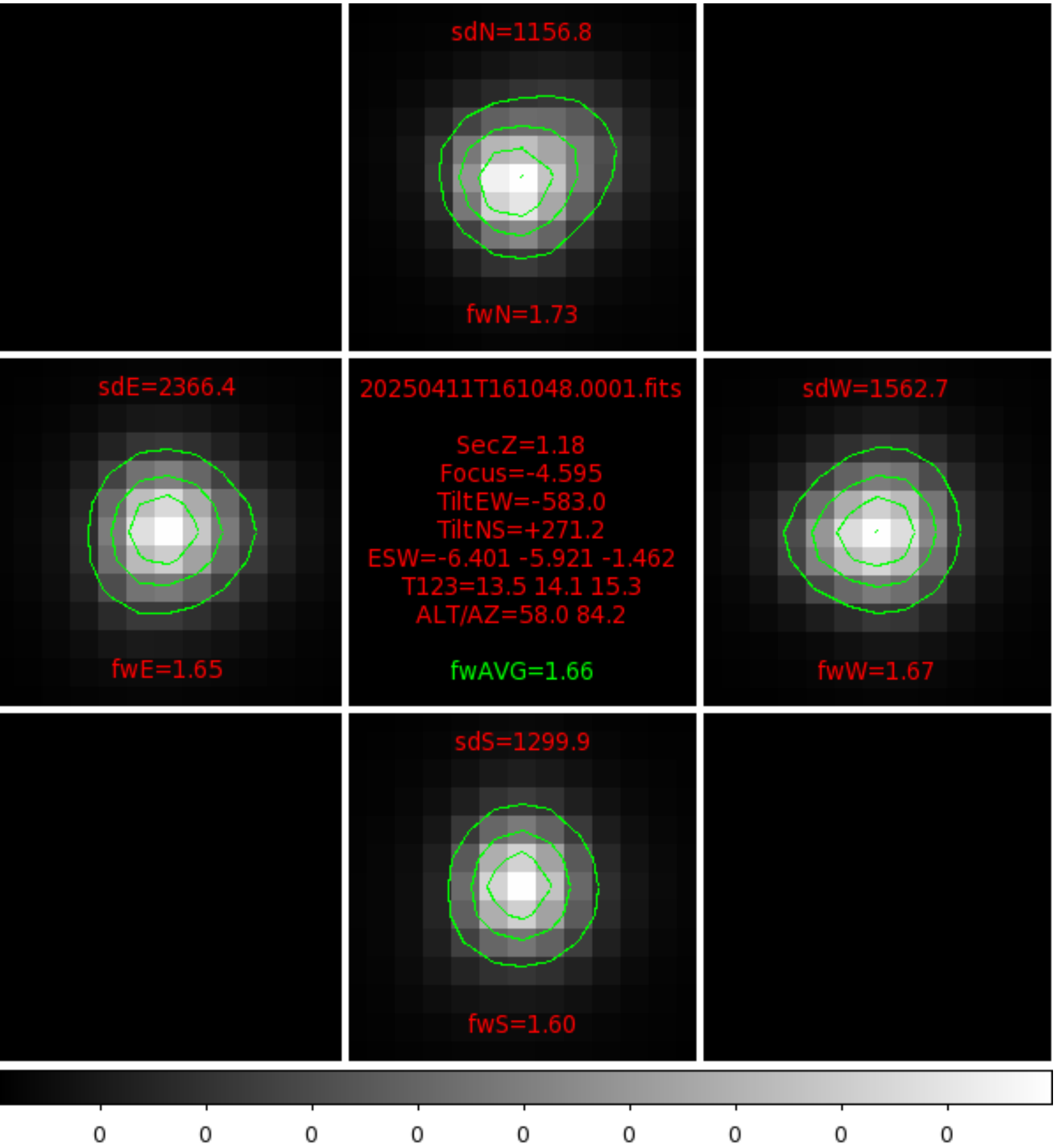
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SecZ=1.18
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TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.5 14.1 15.3
ALT/AZ=58.0 84.2
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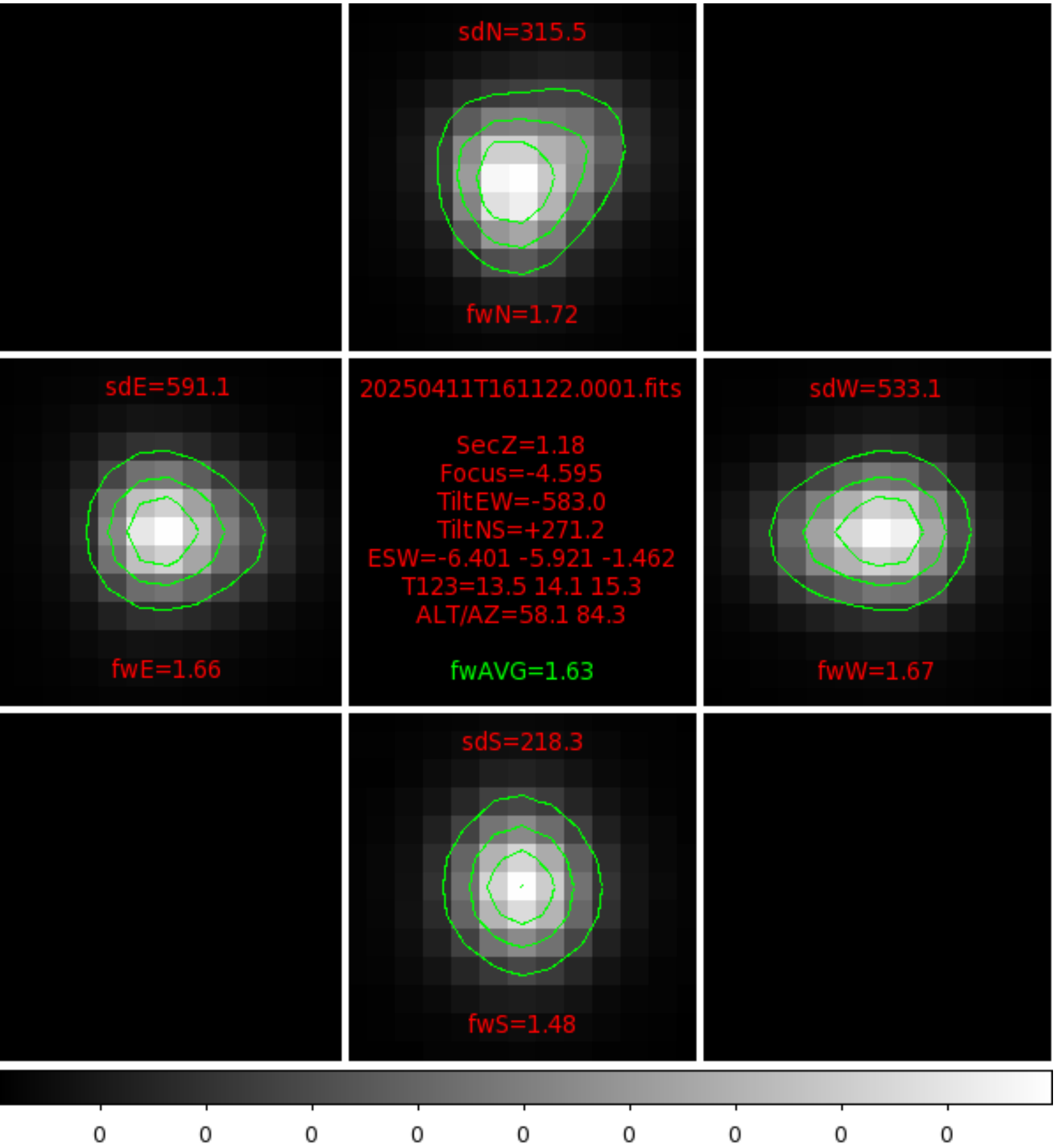
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SecZ=1.18
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.5 14.1 15.3
ALT/AZ=58.1 84.3
fwAVG=1.63
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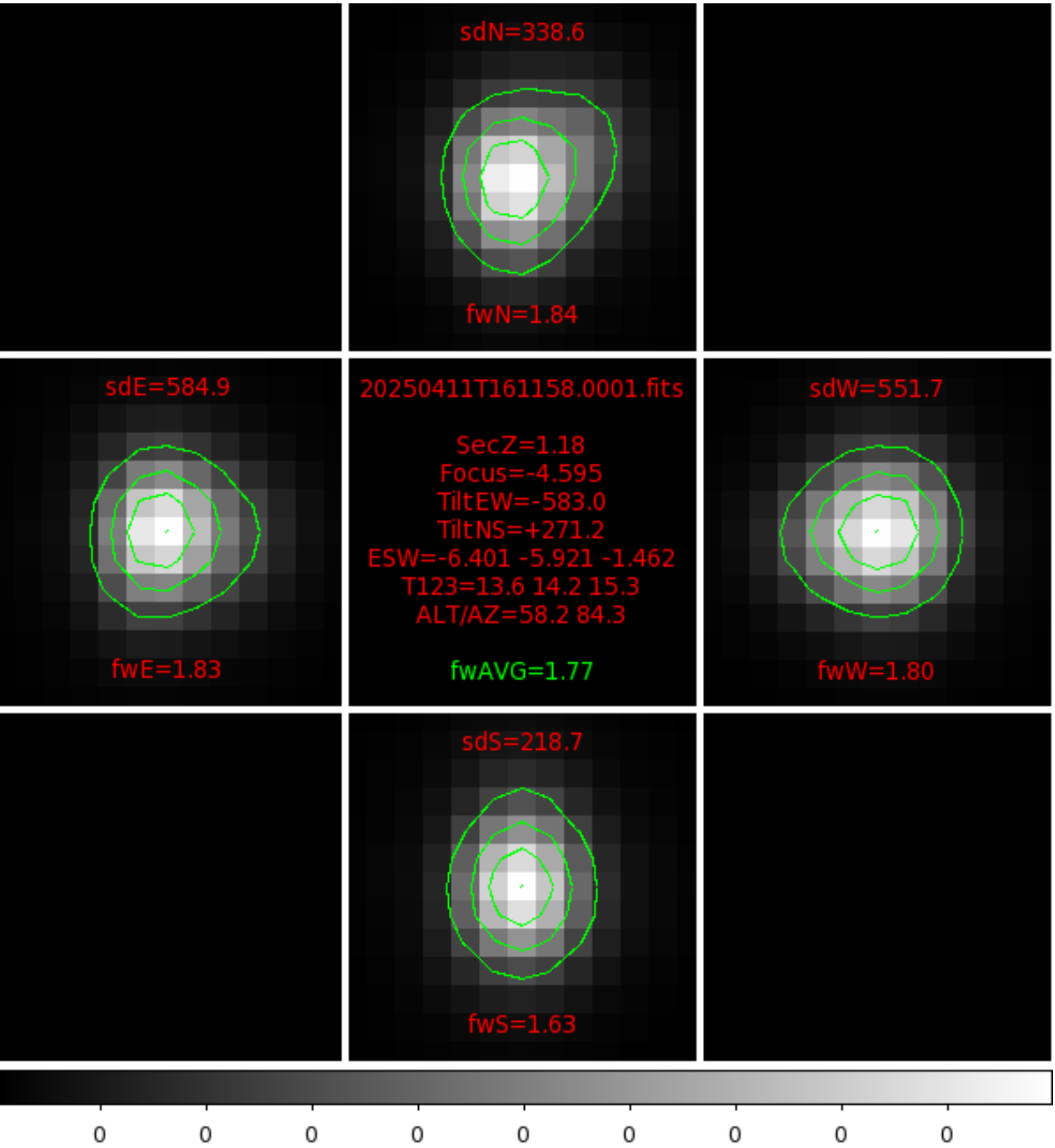
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20250411T161158.0001.fits
SecZ=1.18
Focus=-4.595
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.6 14.2 15.3
ALT/AZ=58.2 84.3
fwAVG=1.77
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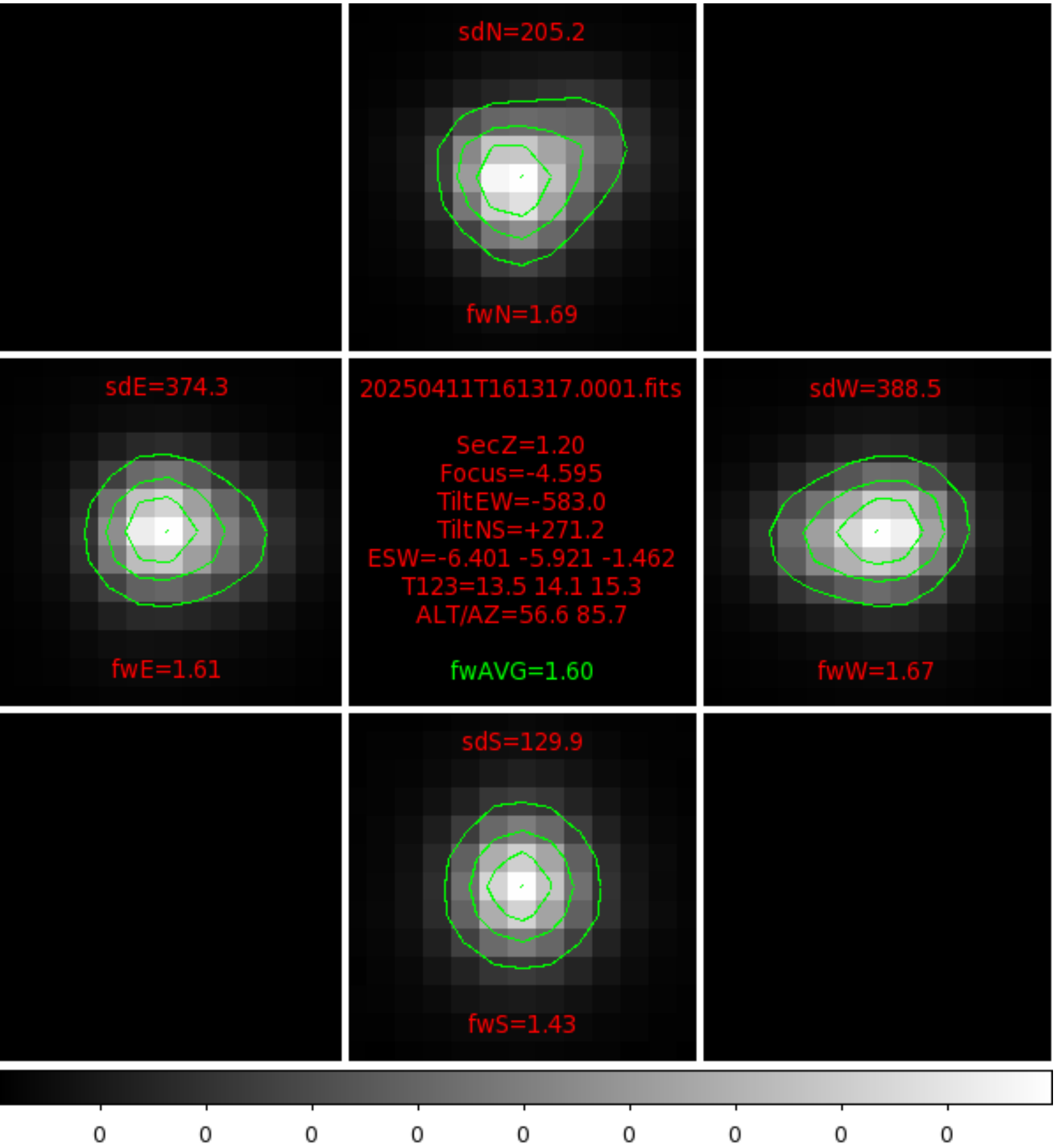
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SecZ=1.20
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.5 14.1 15.3
ALT/AZ=56.6 85.7
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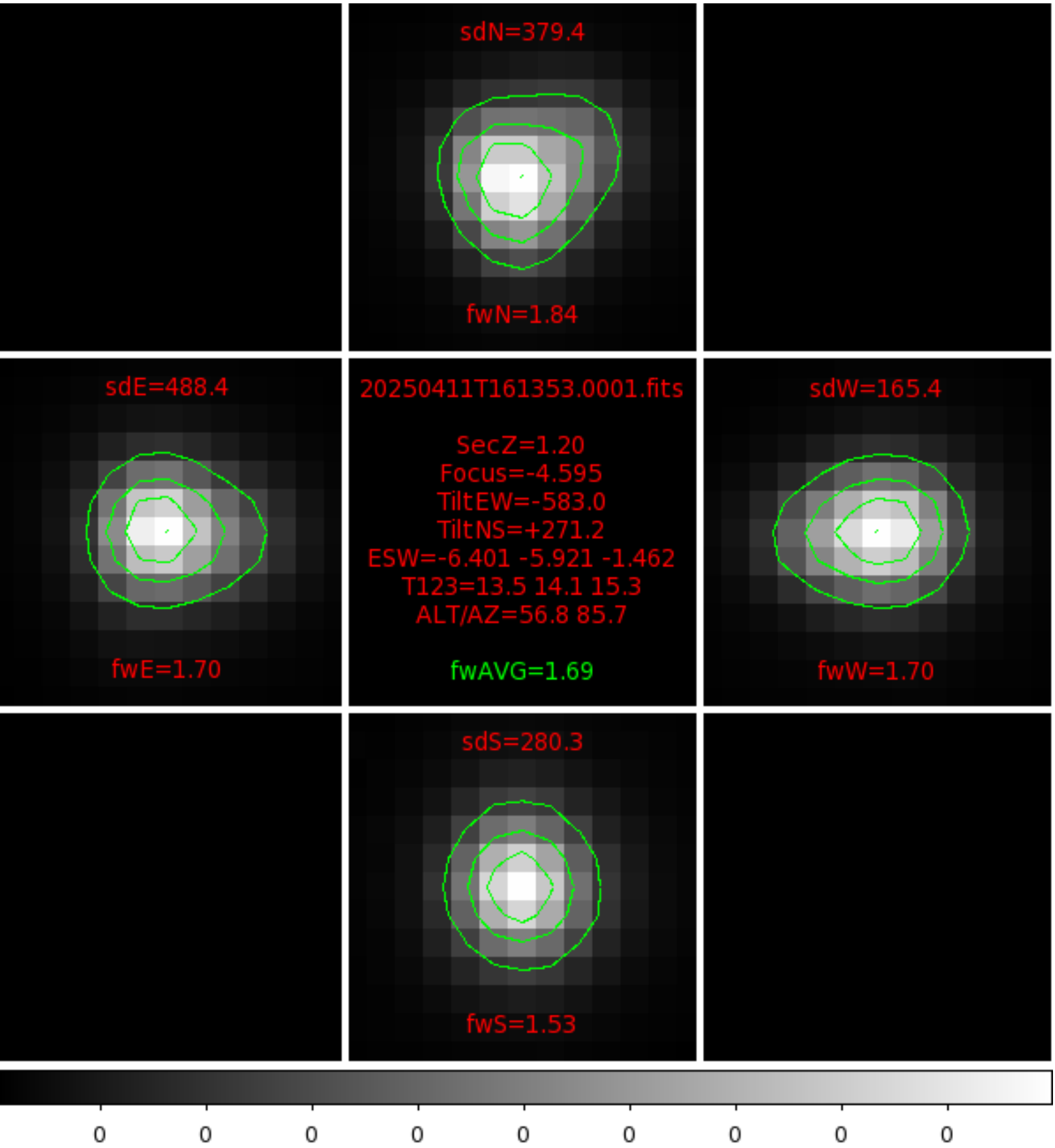
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SecZ=1.20
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.5 14.1 15.3
ALT/AZ=56.8 85.7
fwAVG=1.69
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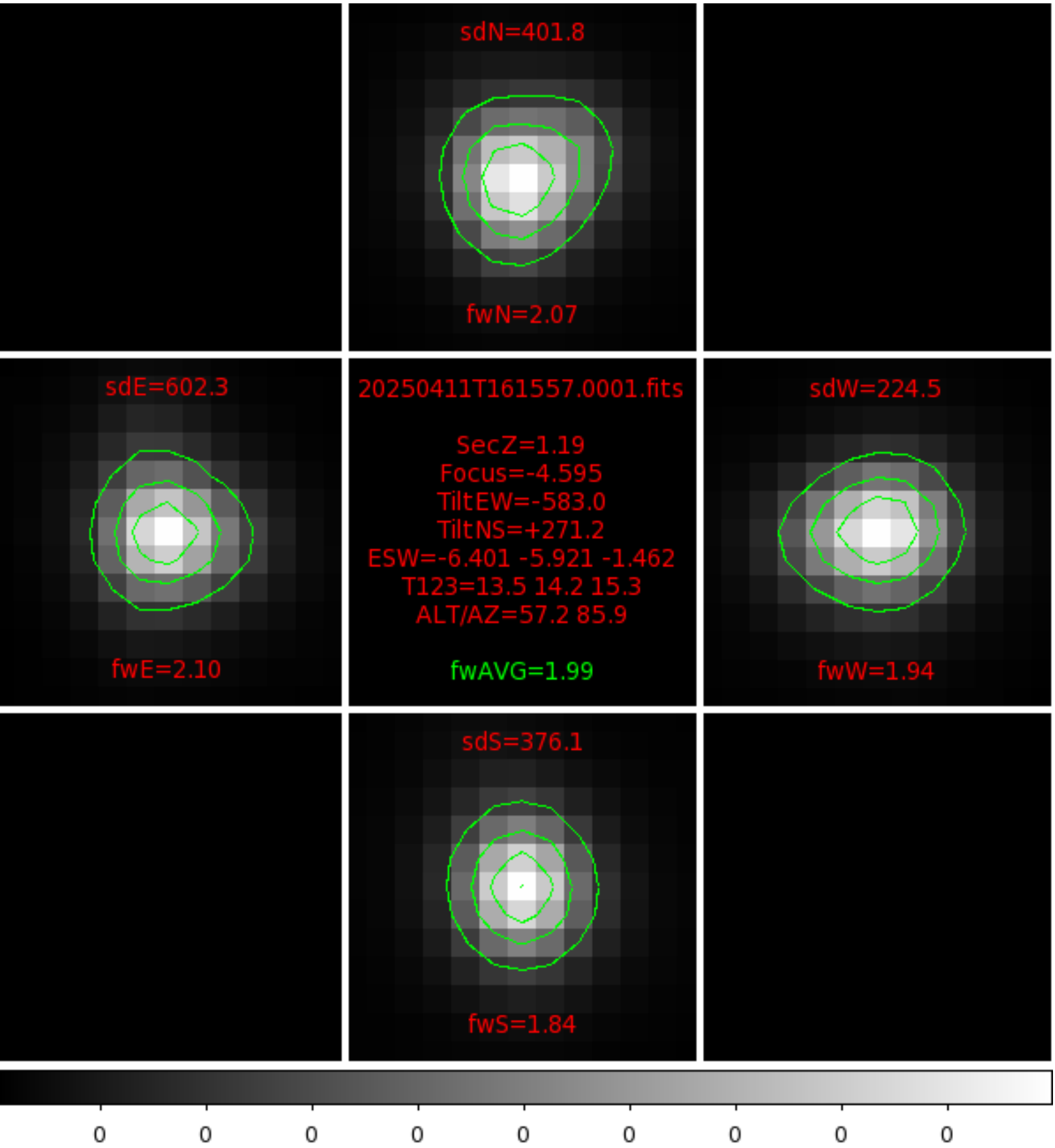
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T123=13.5 14.2 15.3
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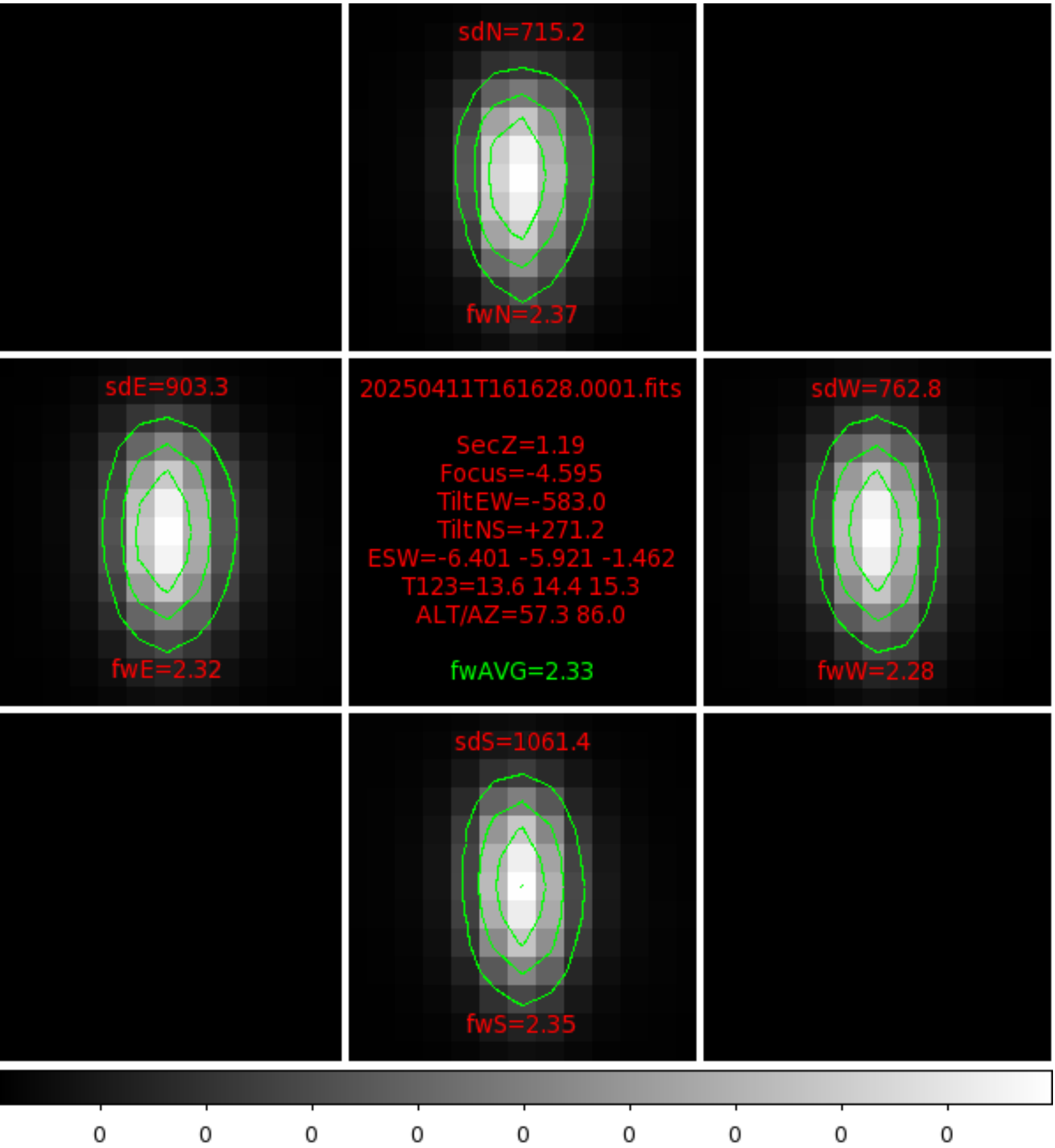
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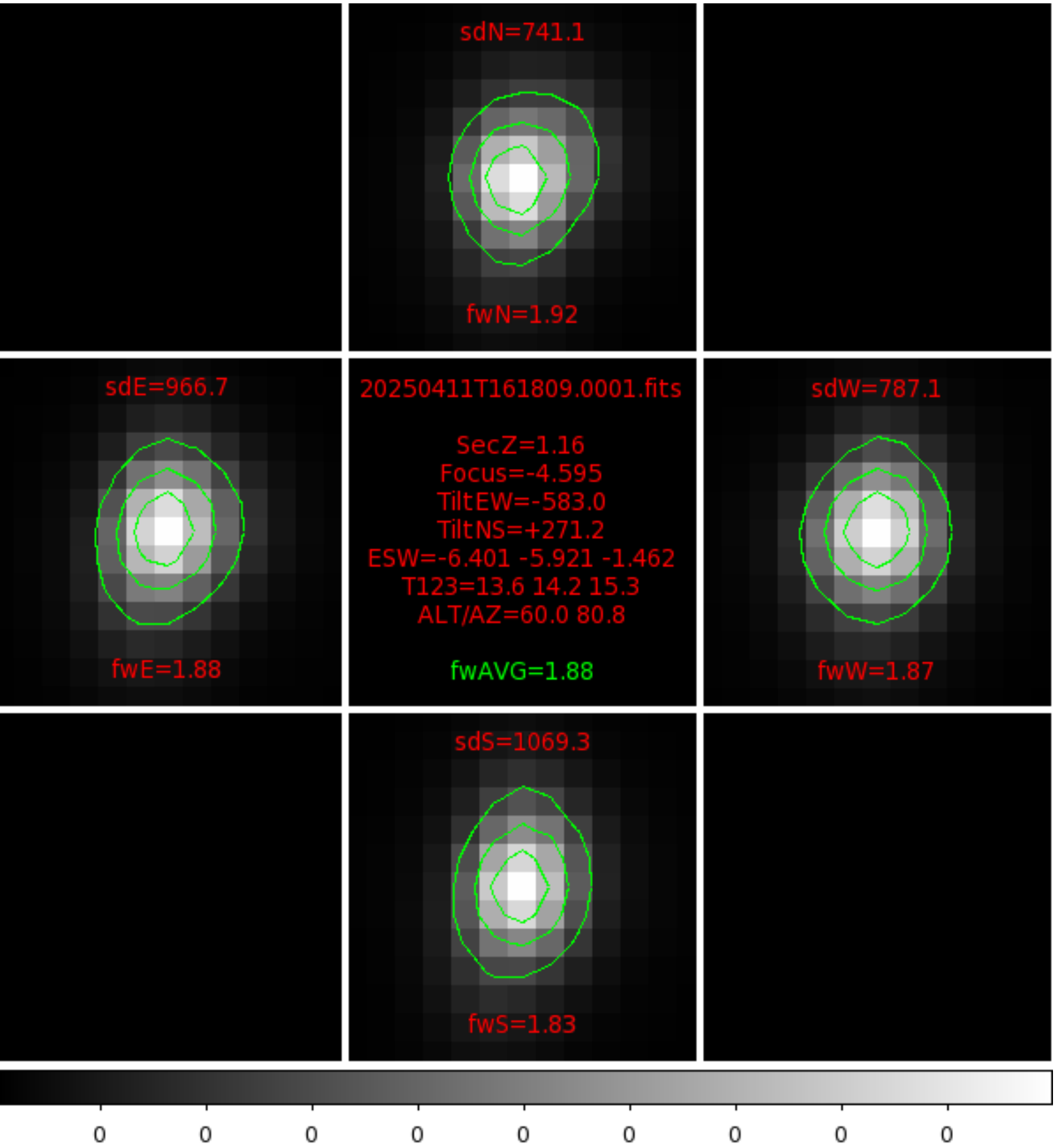
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T123=13.6 14.2 15.3
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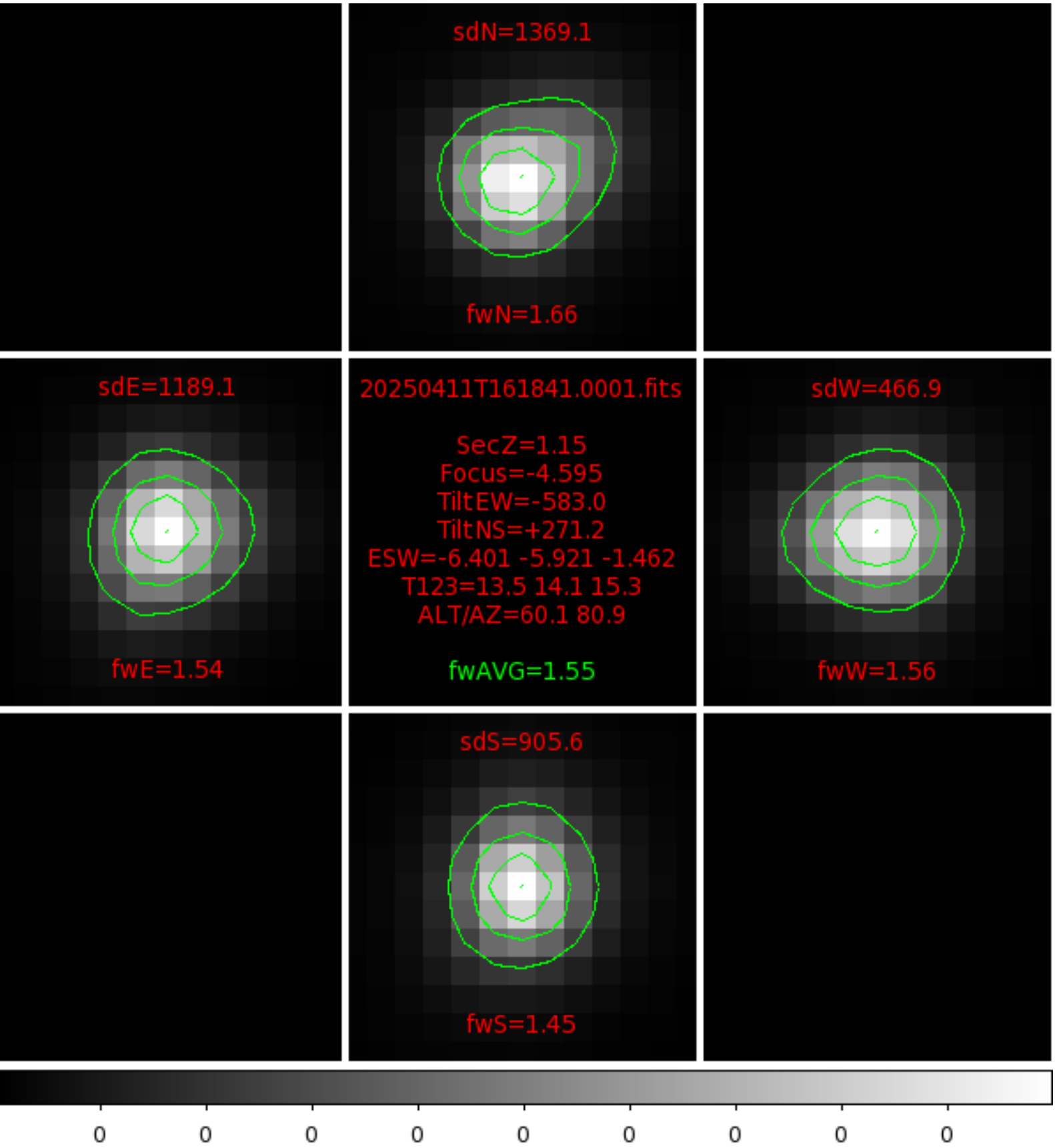
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TiltNS=+271.2
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T123=13.5 14.1 15.3
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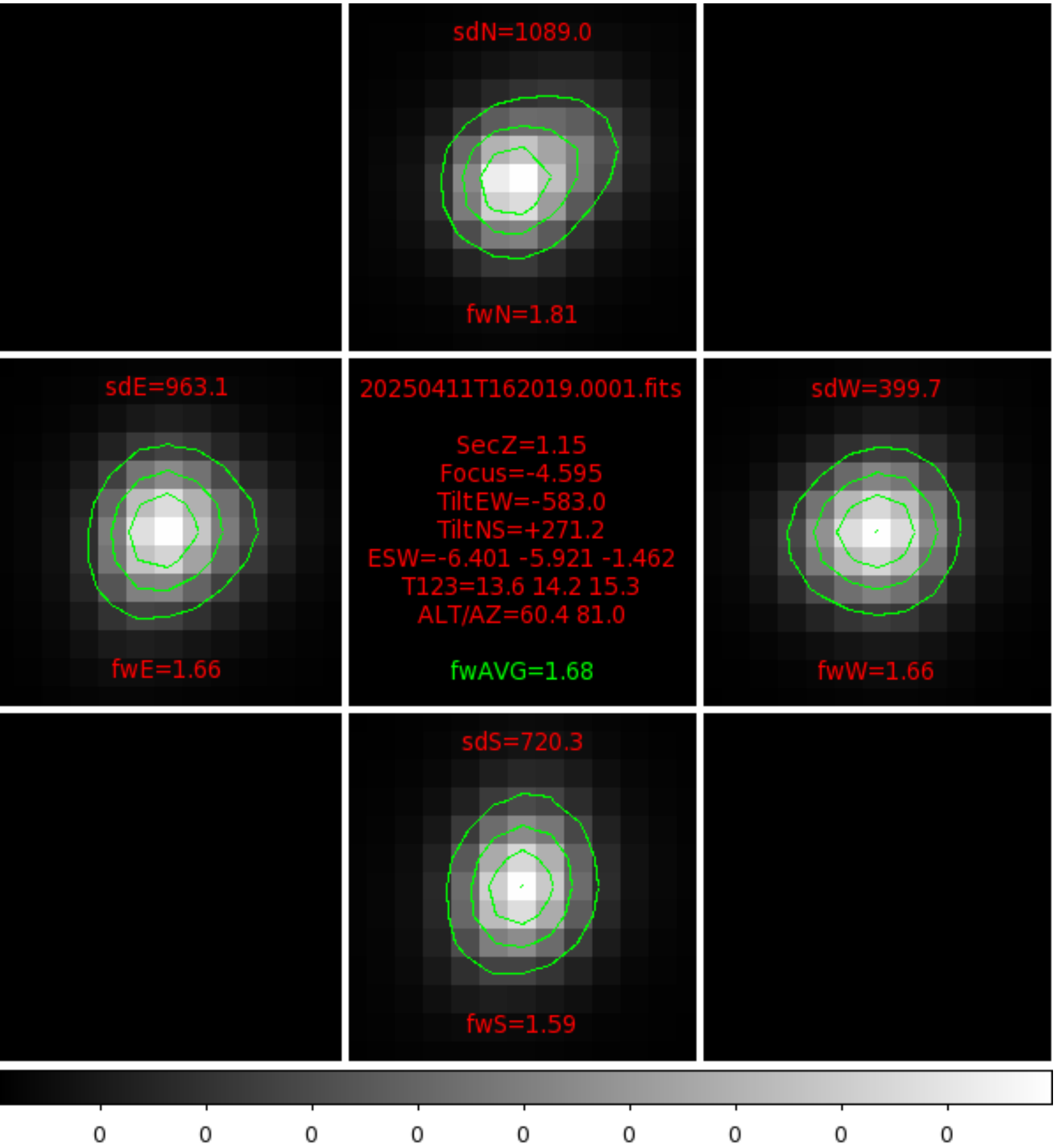
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SecZ=1.15
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TiltNS=+271.2
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T123=13.6 14.2 15.3
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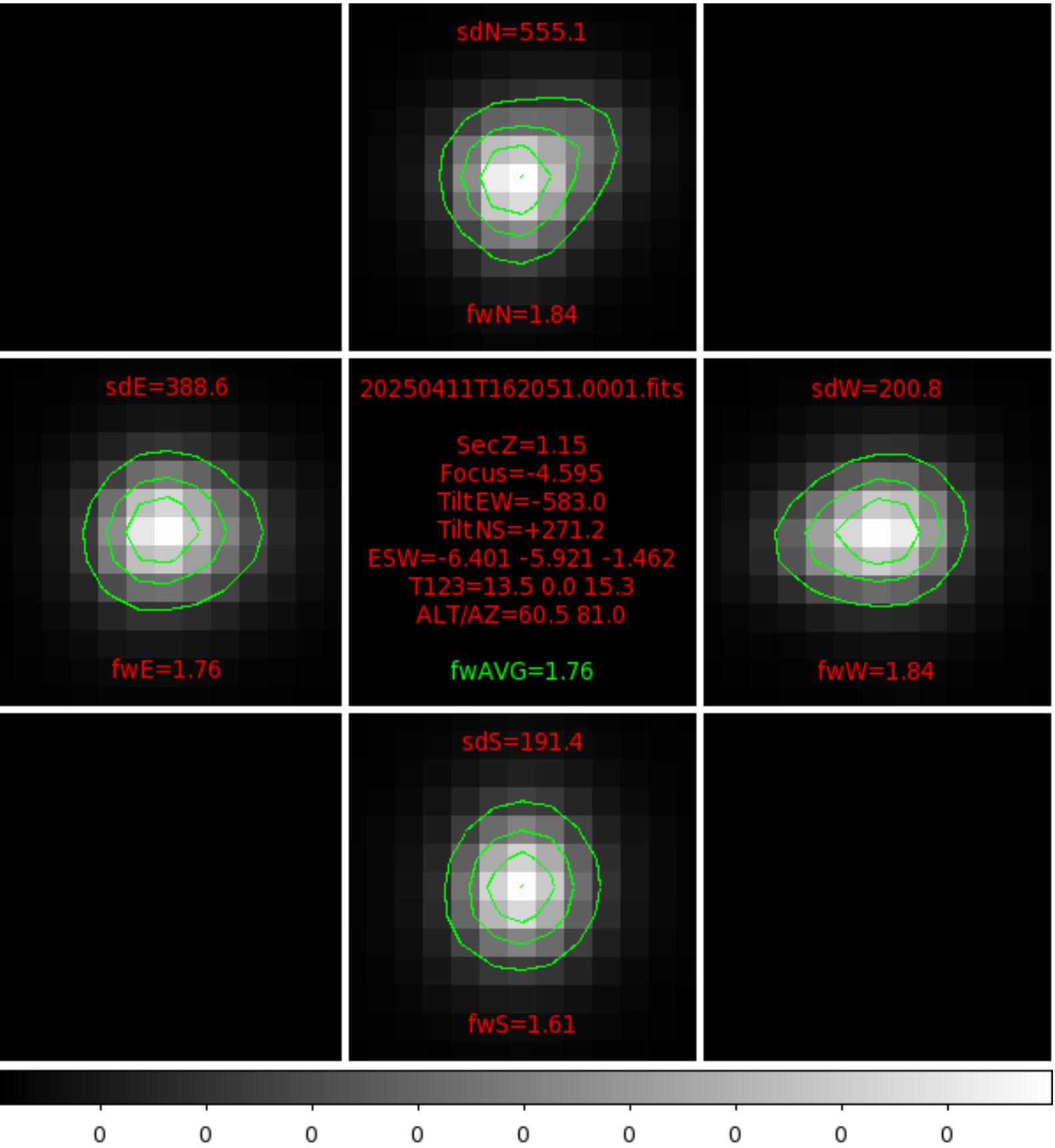
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T123=13.5 0.0 15.3
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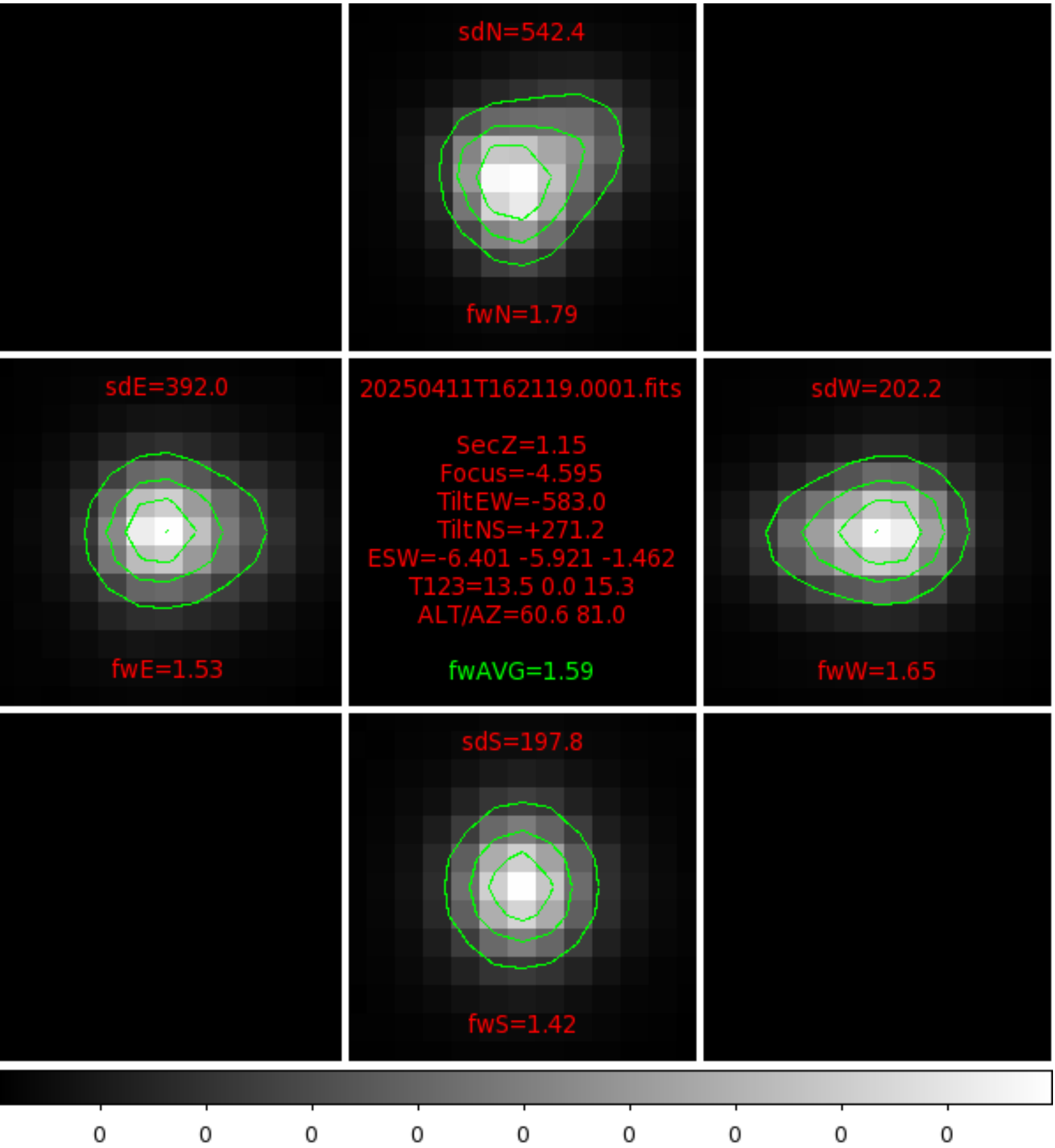
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TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.5 0.0 15.3
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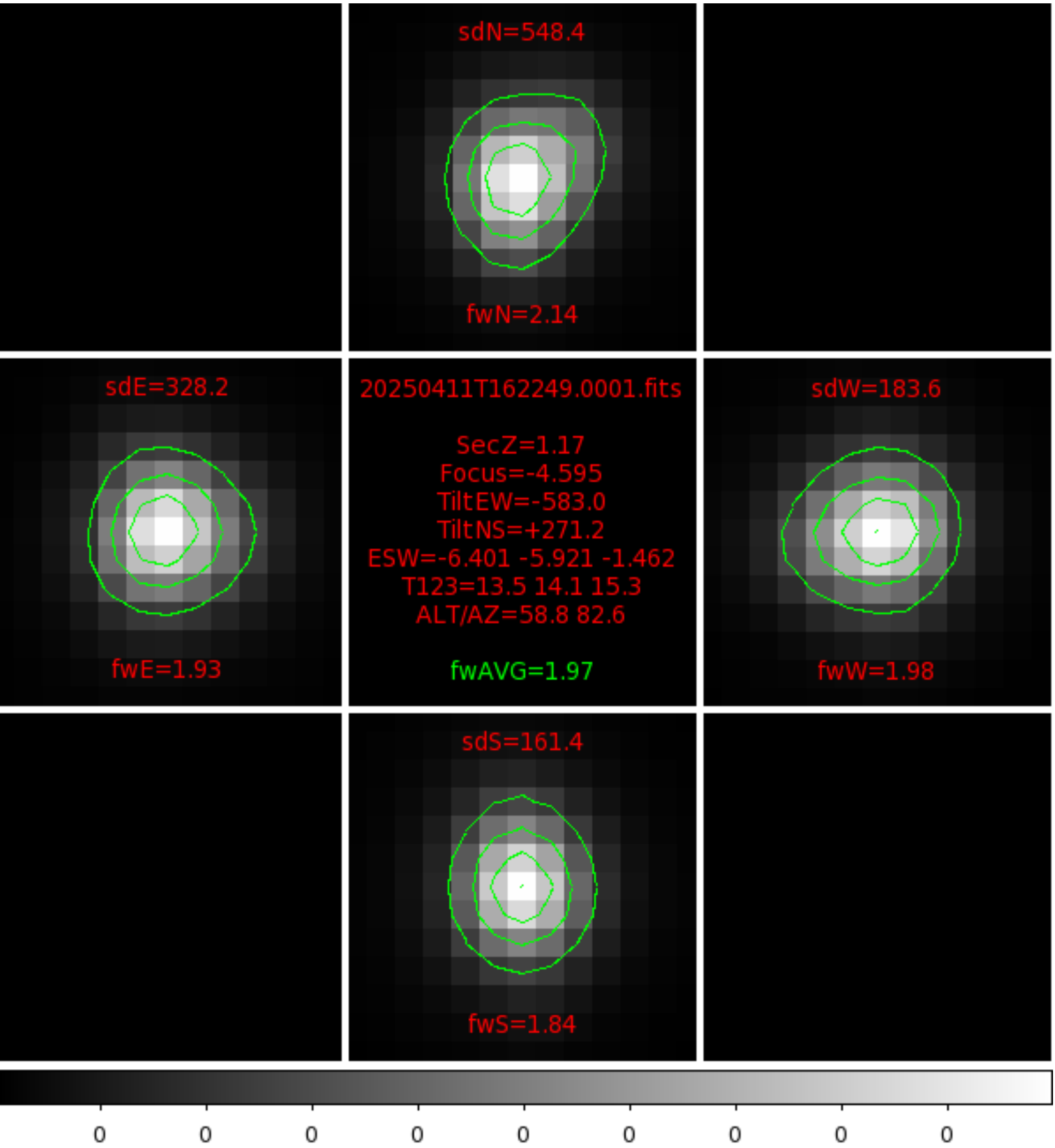
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.5 14.1 15.3
ALT/AZ=58.8 82.6
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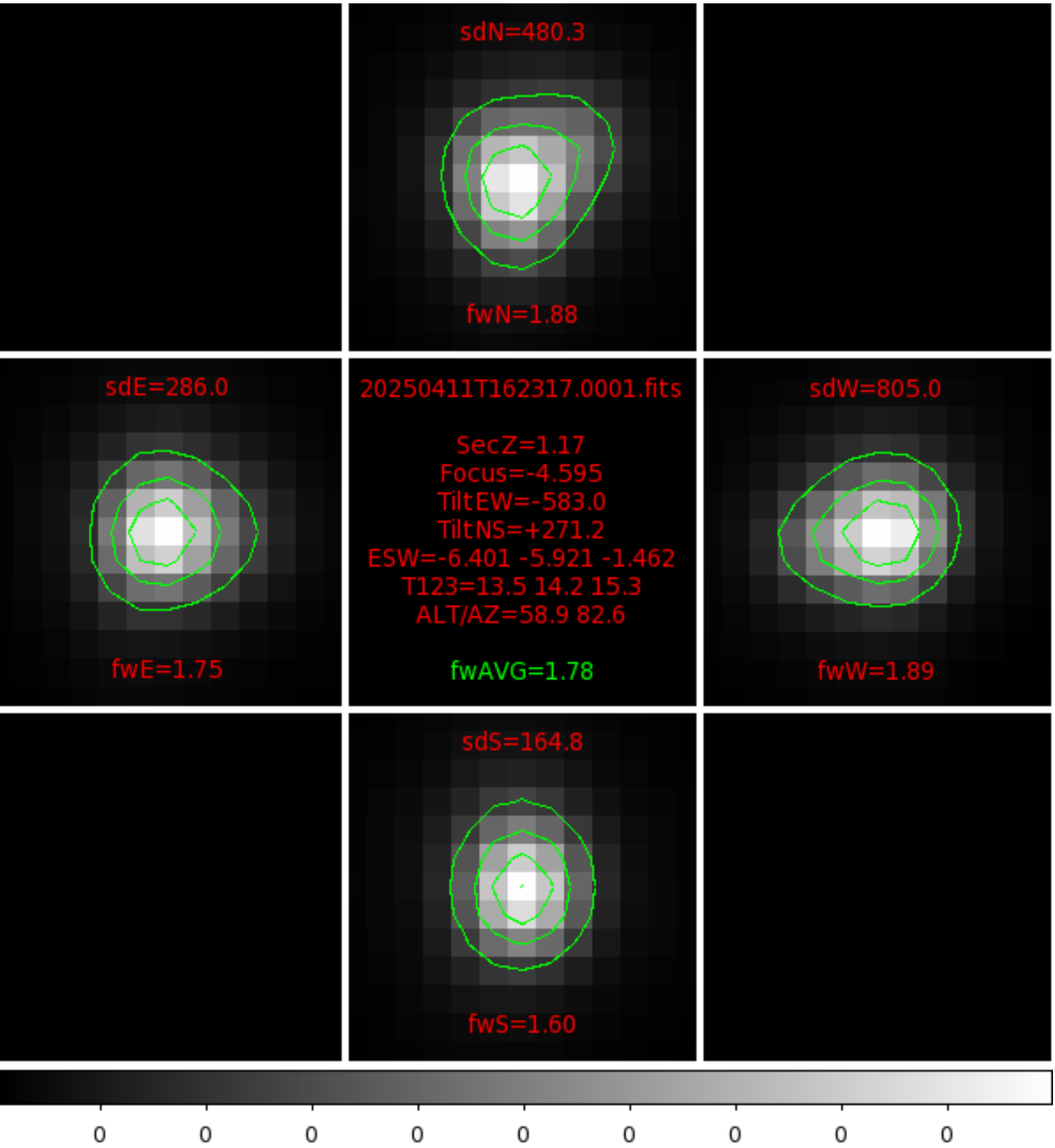
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T123=13.5 14.2 15.3
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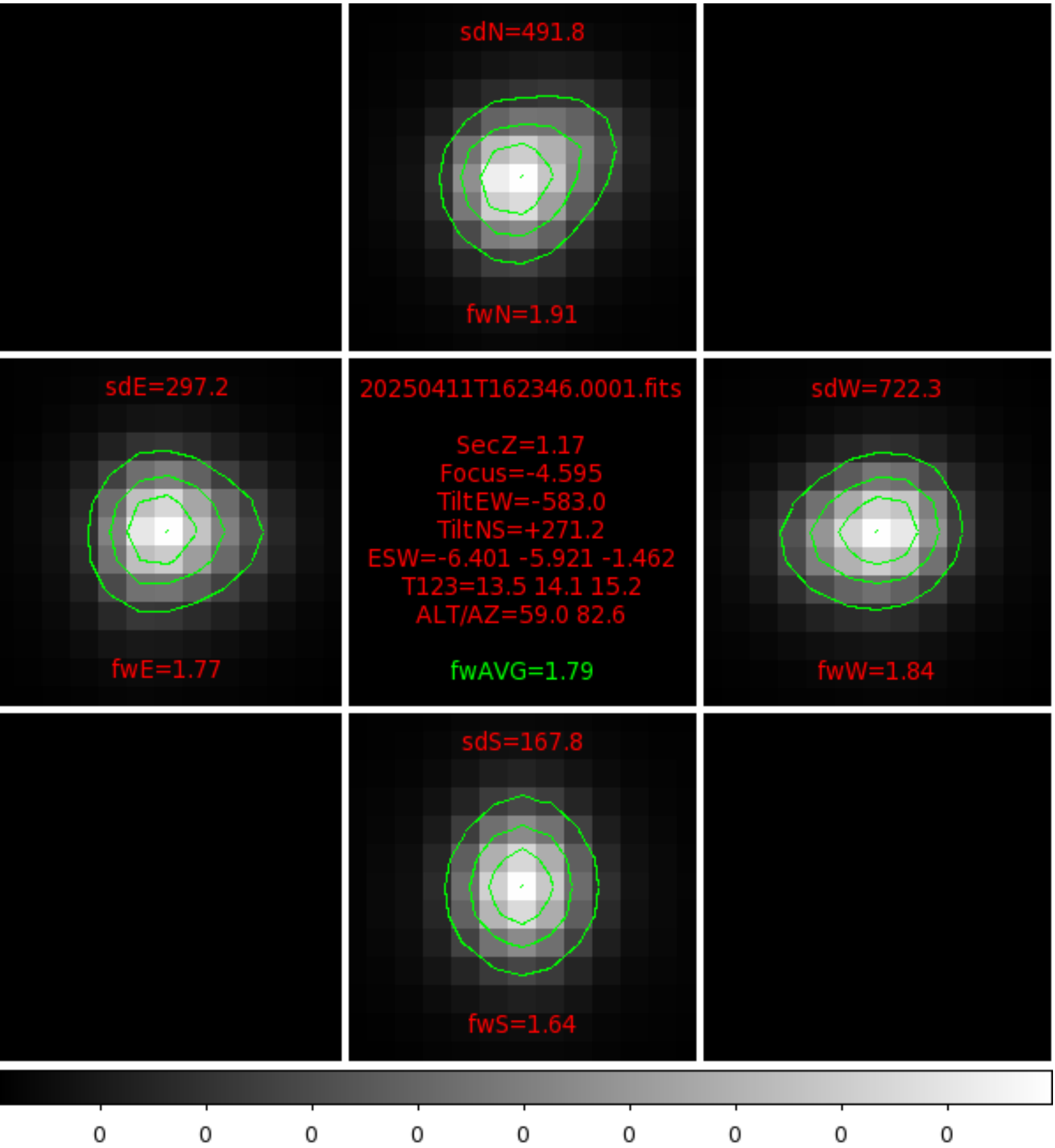
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SecZ=1.17
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.5 14.1 15.2
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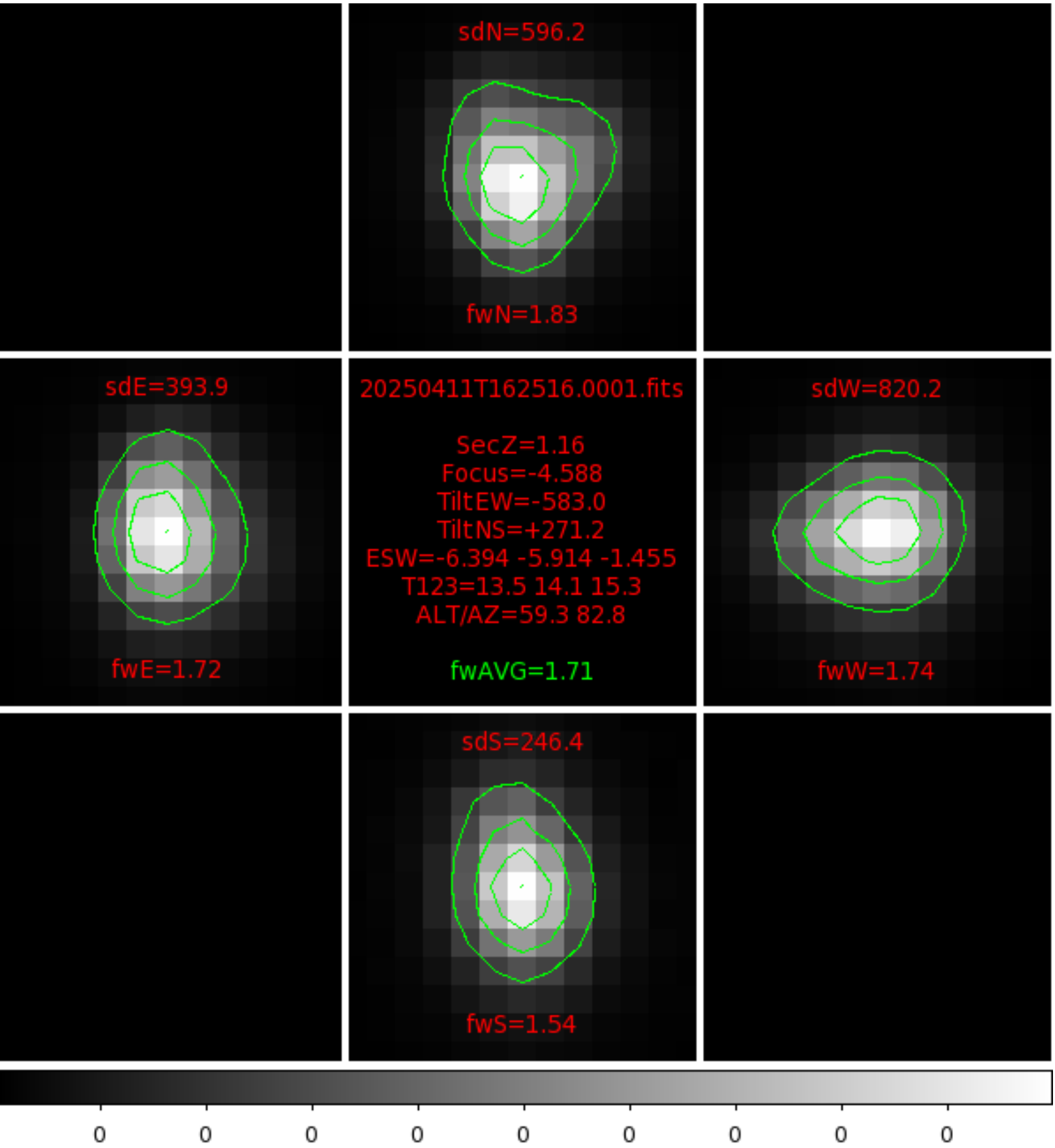
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Focus=-4.588
TiltEW=-583.0
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ESW=-6.394 -5.914 -1.455
T123=13.5 14.1 15.3
ALT/AZ=59.3 82.8
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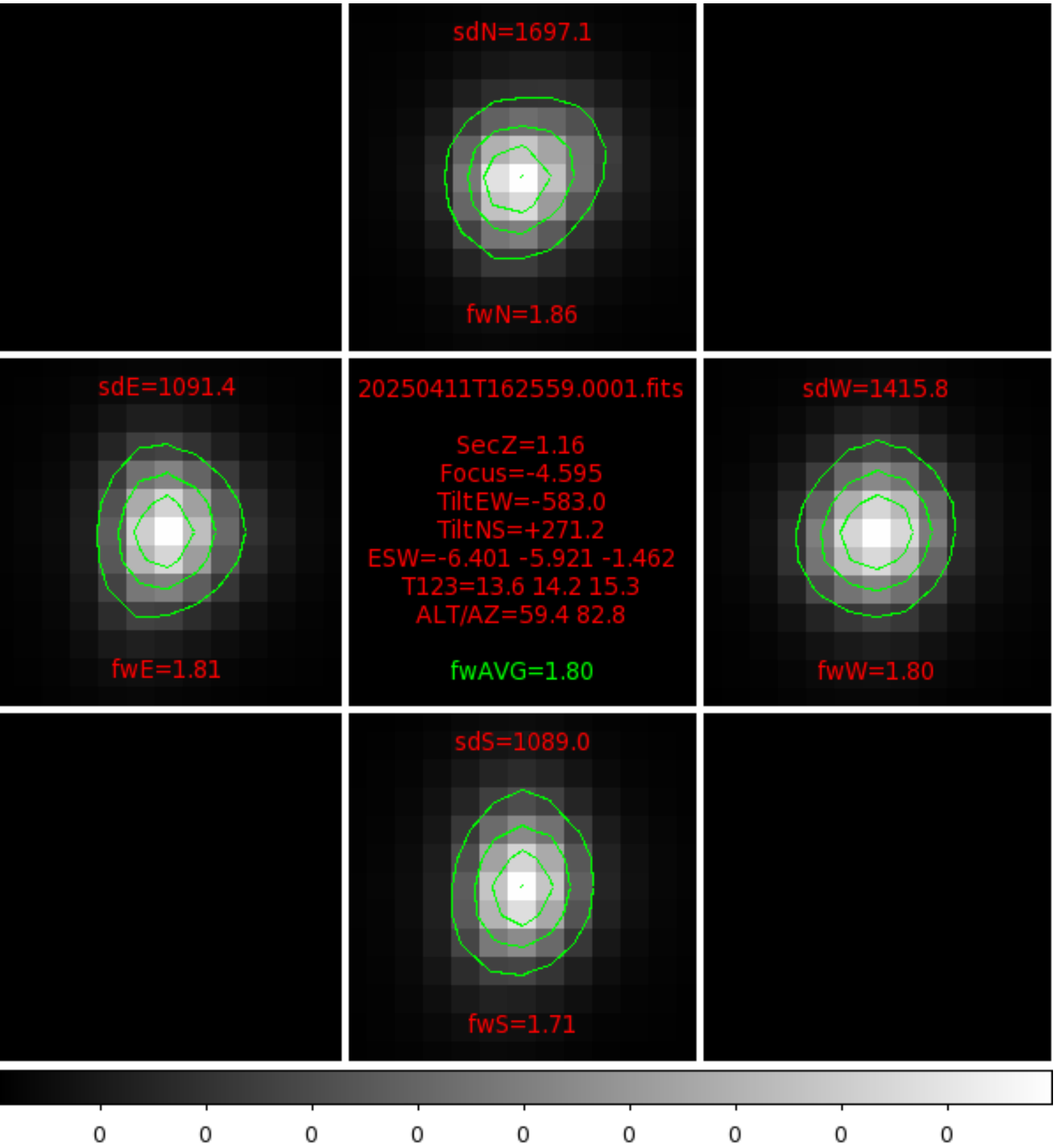
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TiltEW=-583.0
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T123=13.6 14.2 15.3
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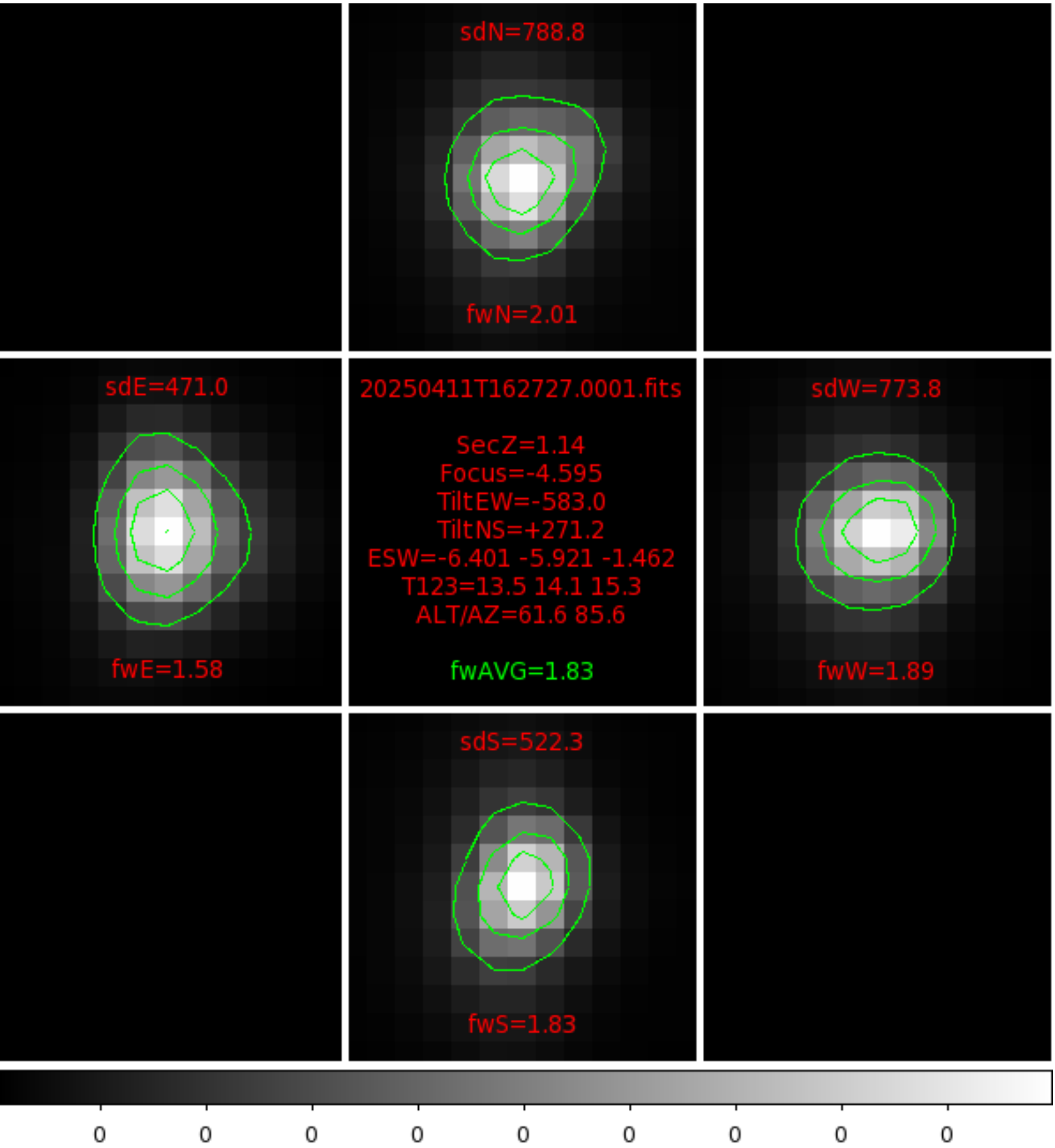
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.5 14.1 15.3
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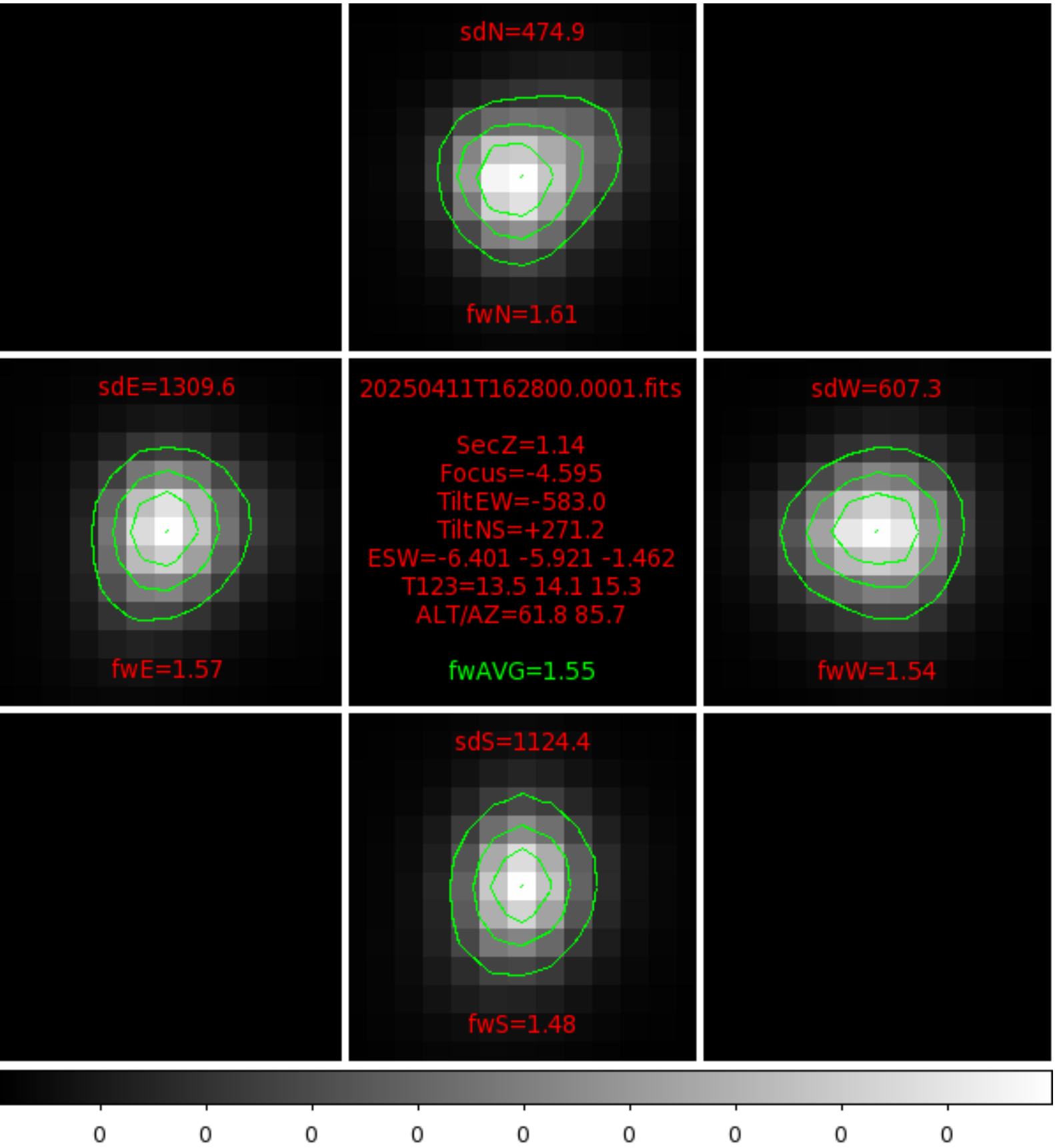
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TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=13.5 14.1 15.3
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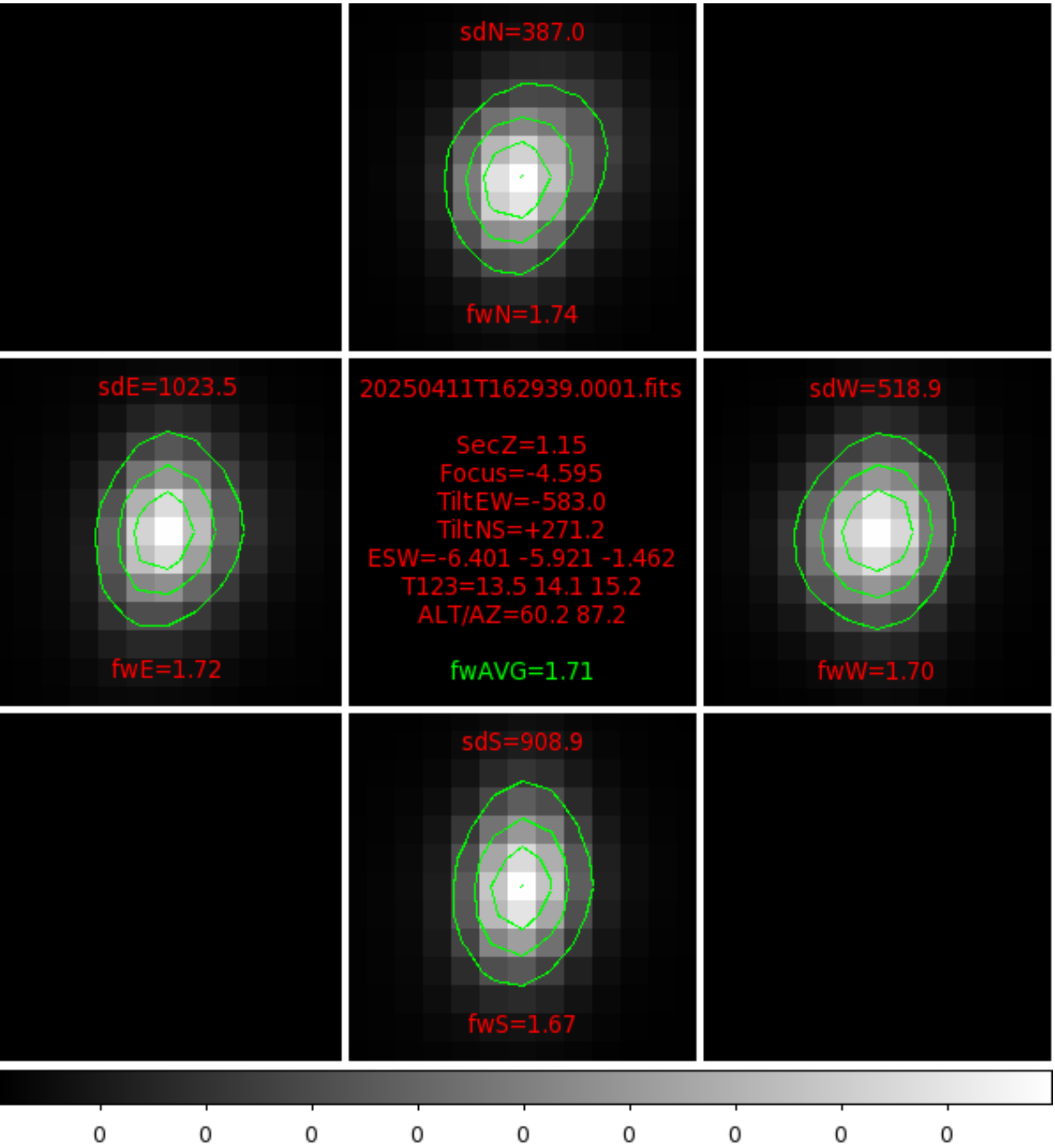
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ESW=-6.401 -5.921 -1.462
T123=13.5 14.1 15.2
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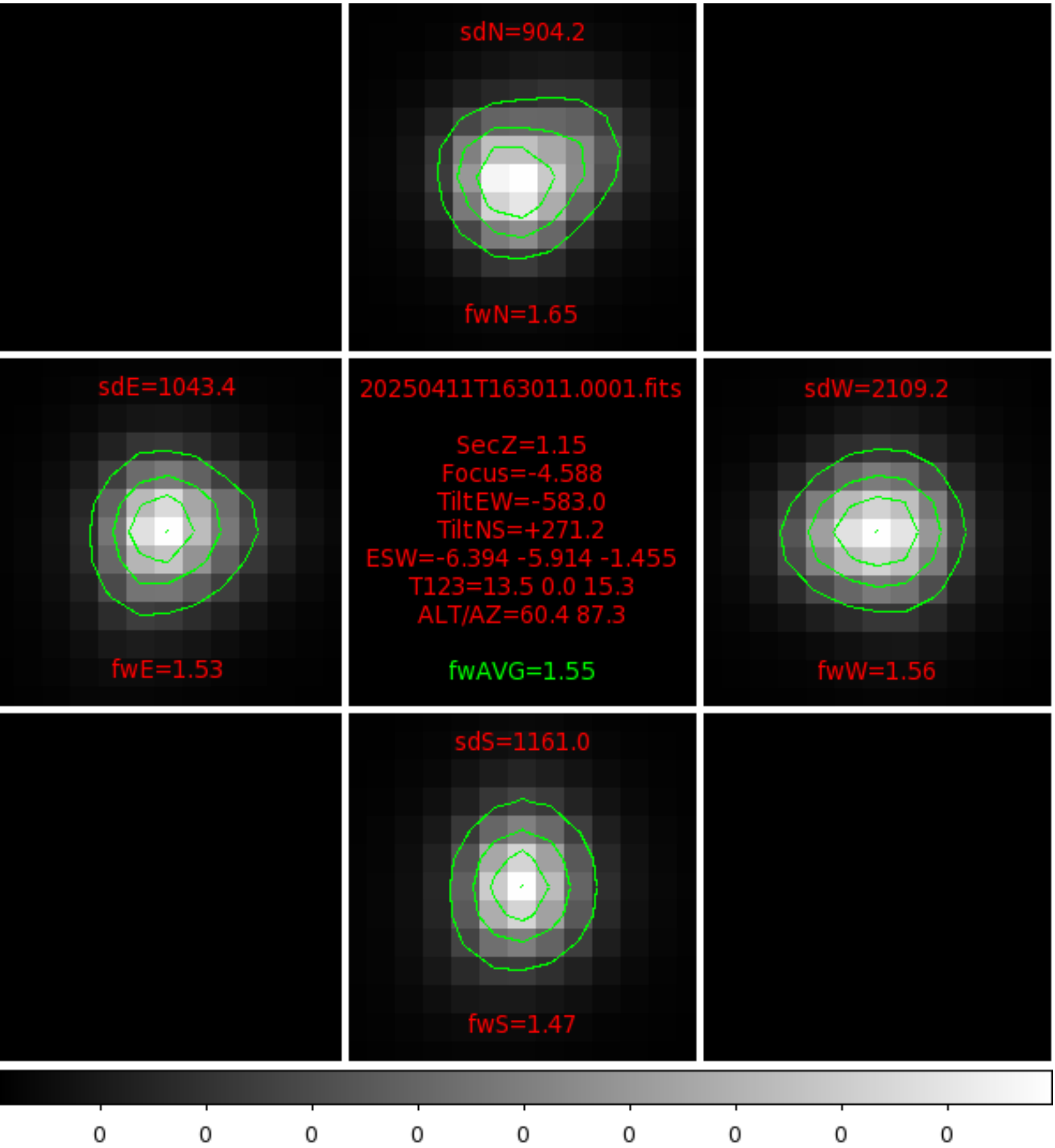
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TiltNS=+271.2
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T123=13.5 0.0 15.3
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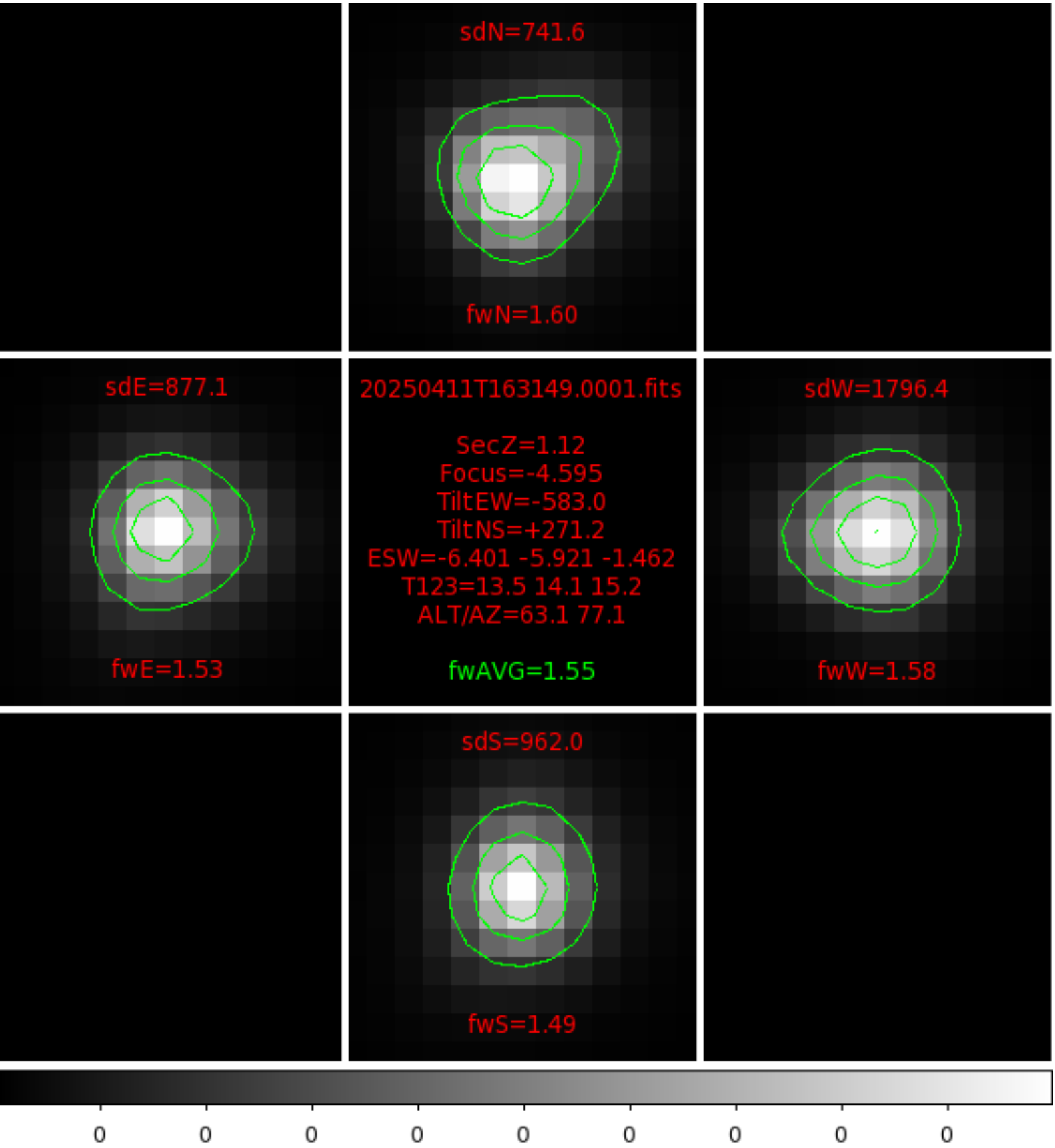
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T123=13.5 14.1 15.2
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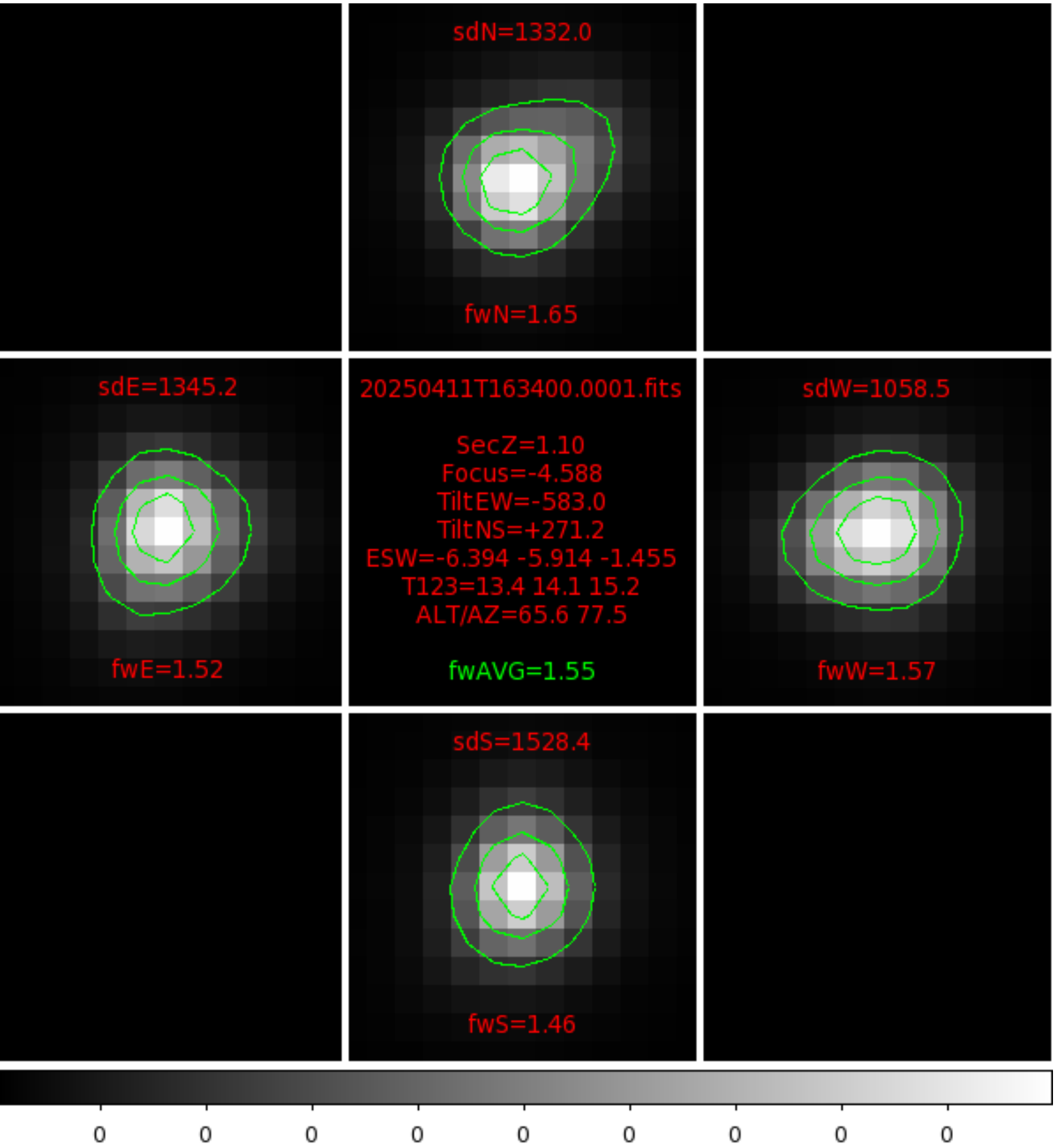
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TiltNS=+271.2
ESW=-6.394 -5.914 -1.455
T123=13.4 14.1 15.2
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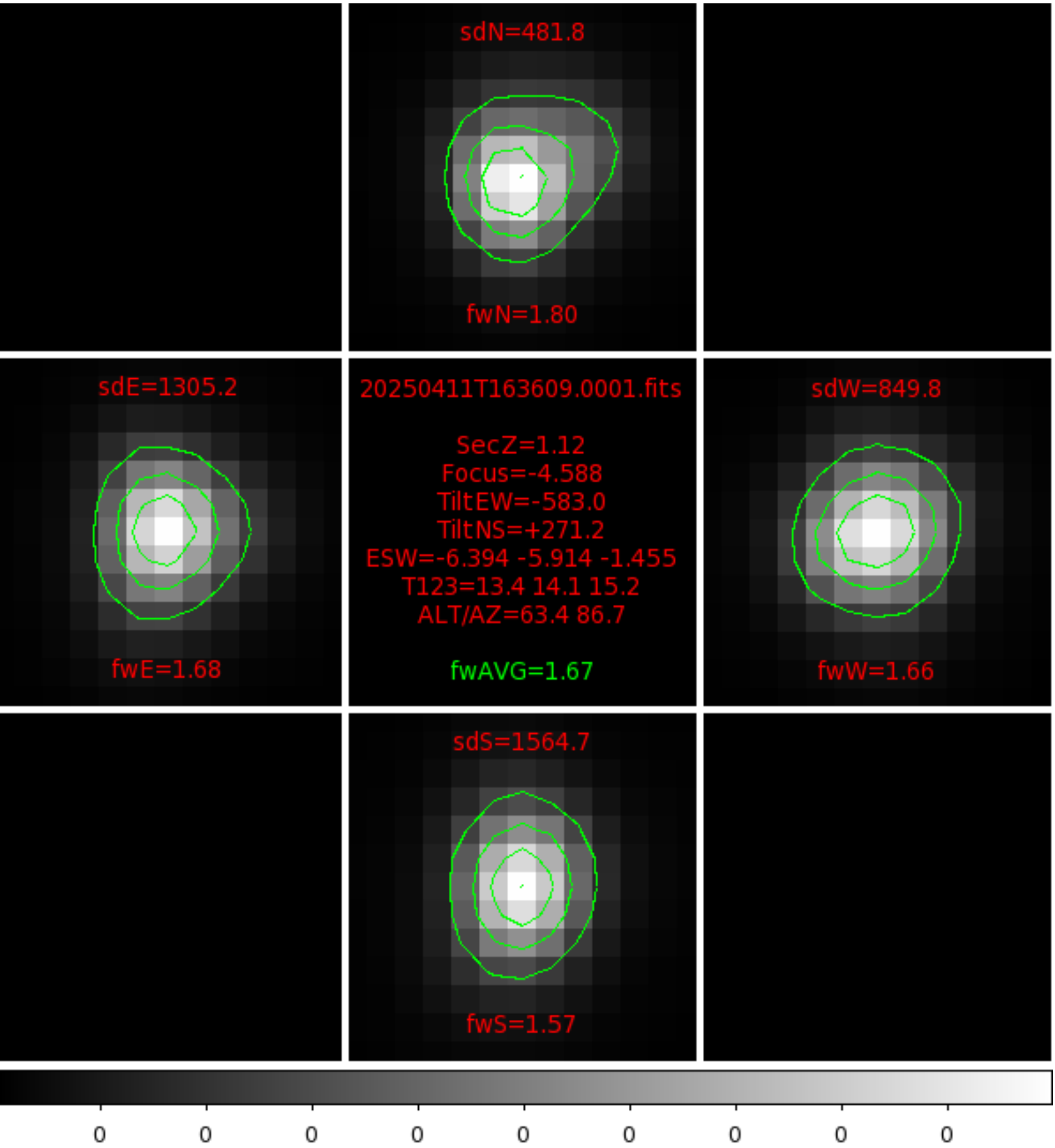
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TiltNS=+271.2
ESW=-6.394 -5.914 -1.455
T123=13.4 14.1 15.2
ALT/AZ=63.4 86.7
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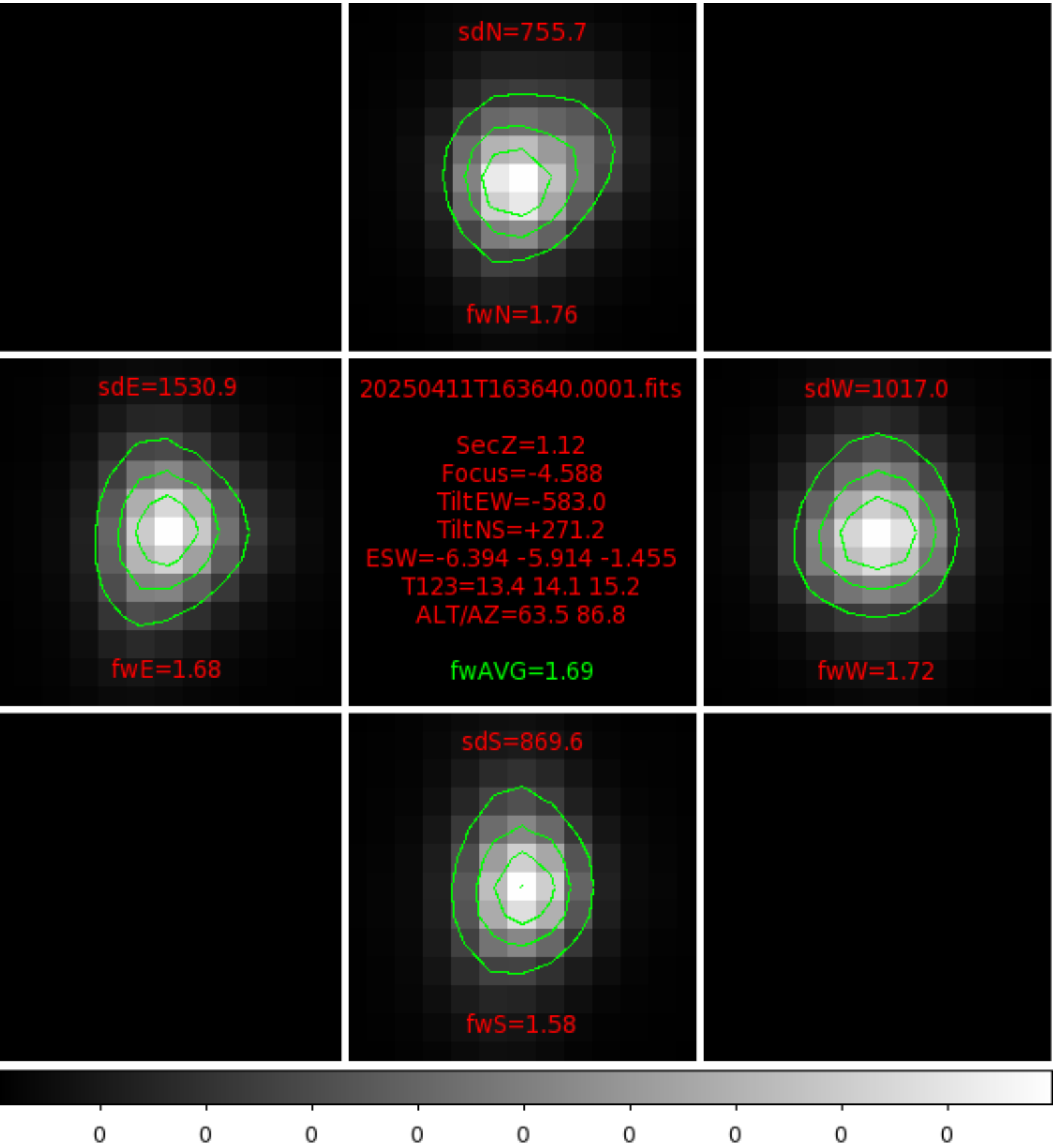
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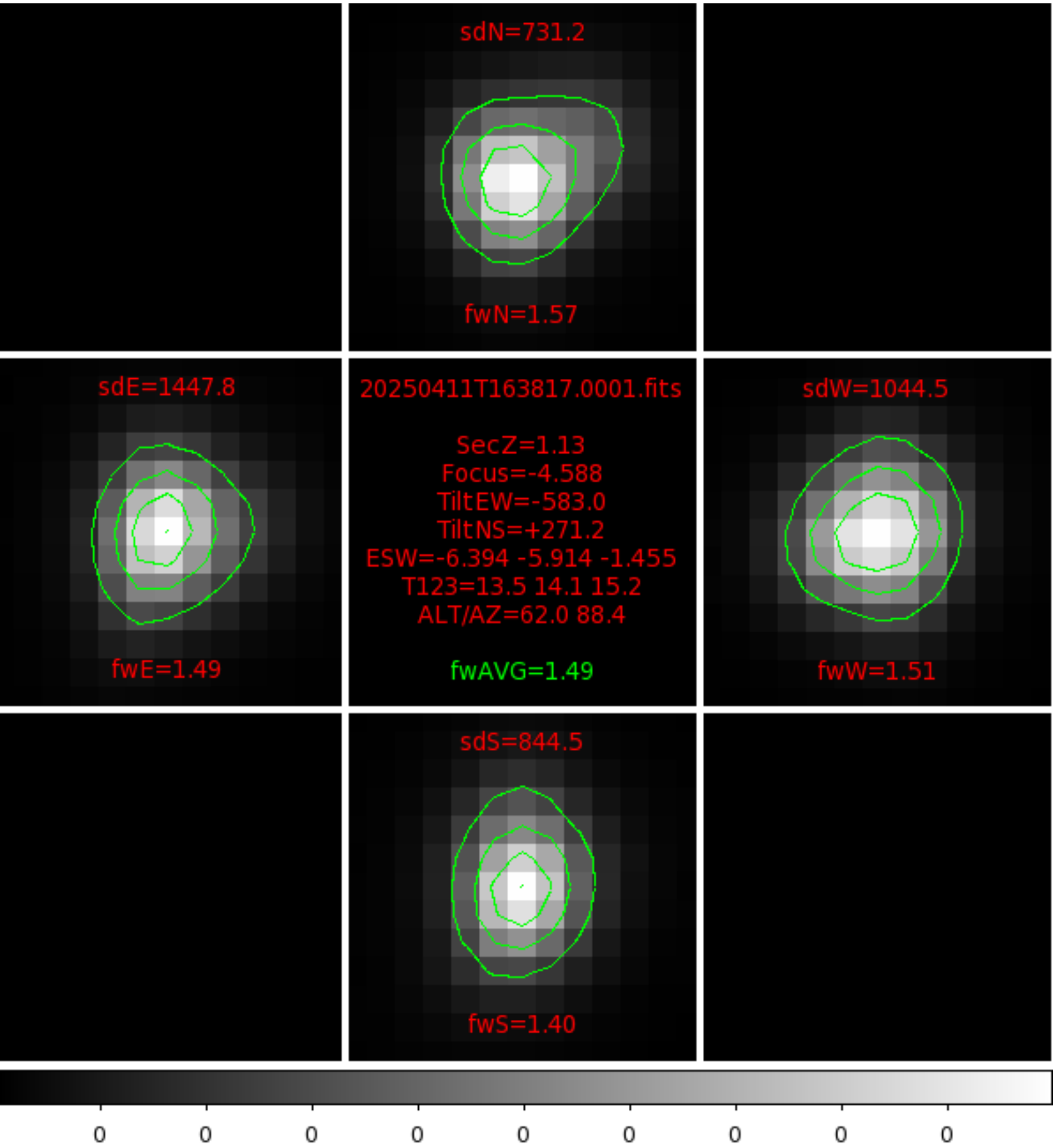
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TiltNS=+271.2
ESW=-6.394 -5.914 -1.455
T123=13.5 14.1 15.2
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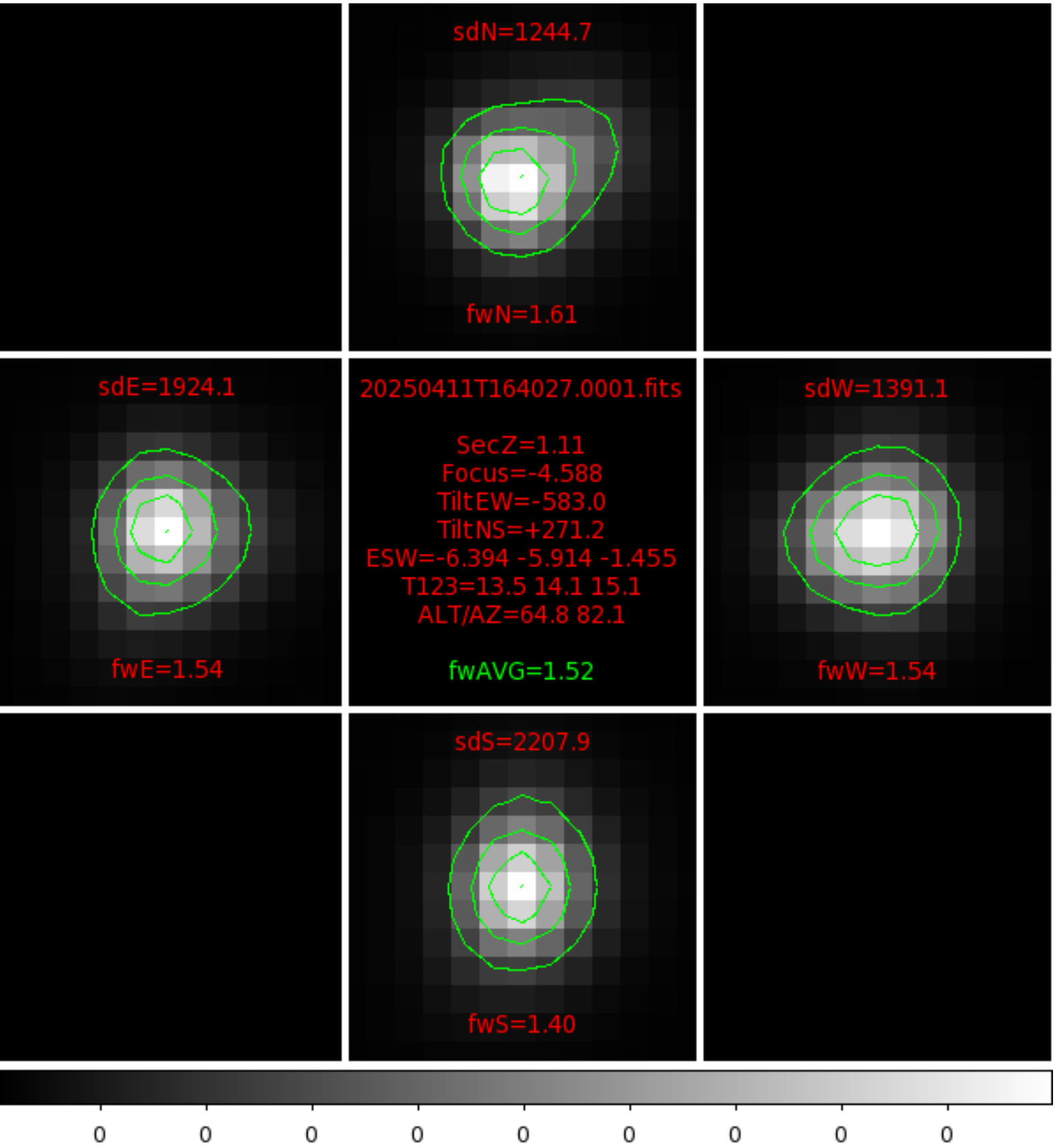
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TiltNS=+271.2
ESW=-6.394 -5.914 -1.455
T123=13.5 14.1 15.1
ALT/AZ=64.8 82.1
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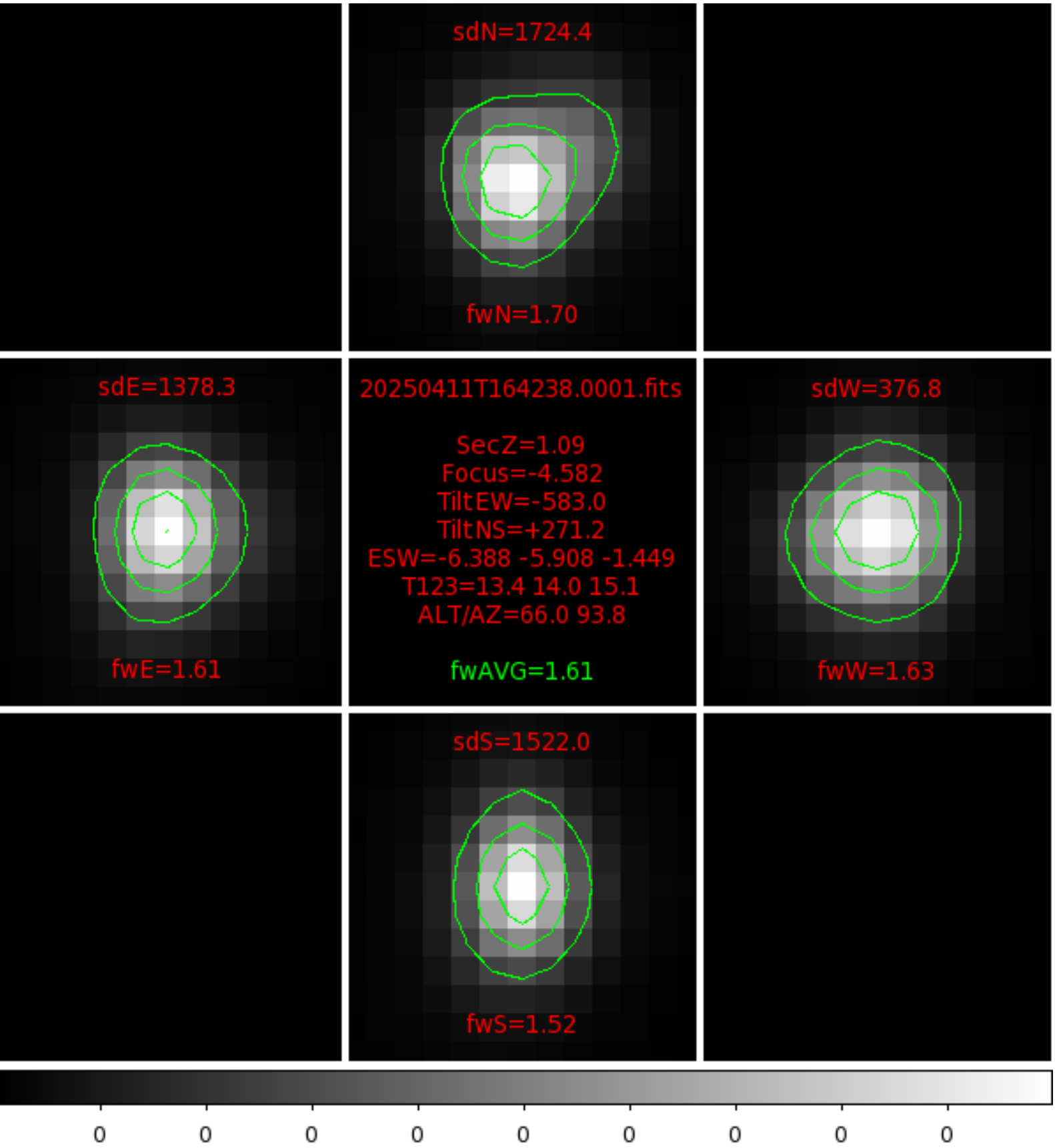
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TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=13.4 14.0 15.1
ALT/AZ=66.0 93.8
fwAVG=1.61
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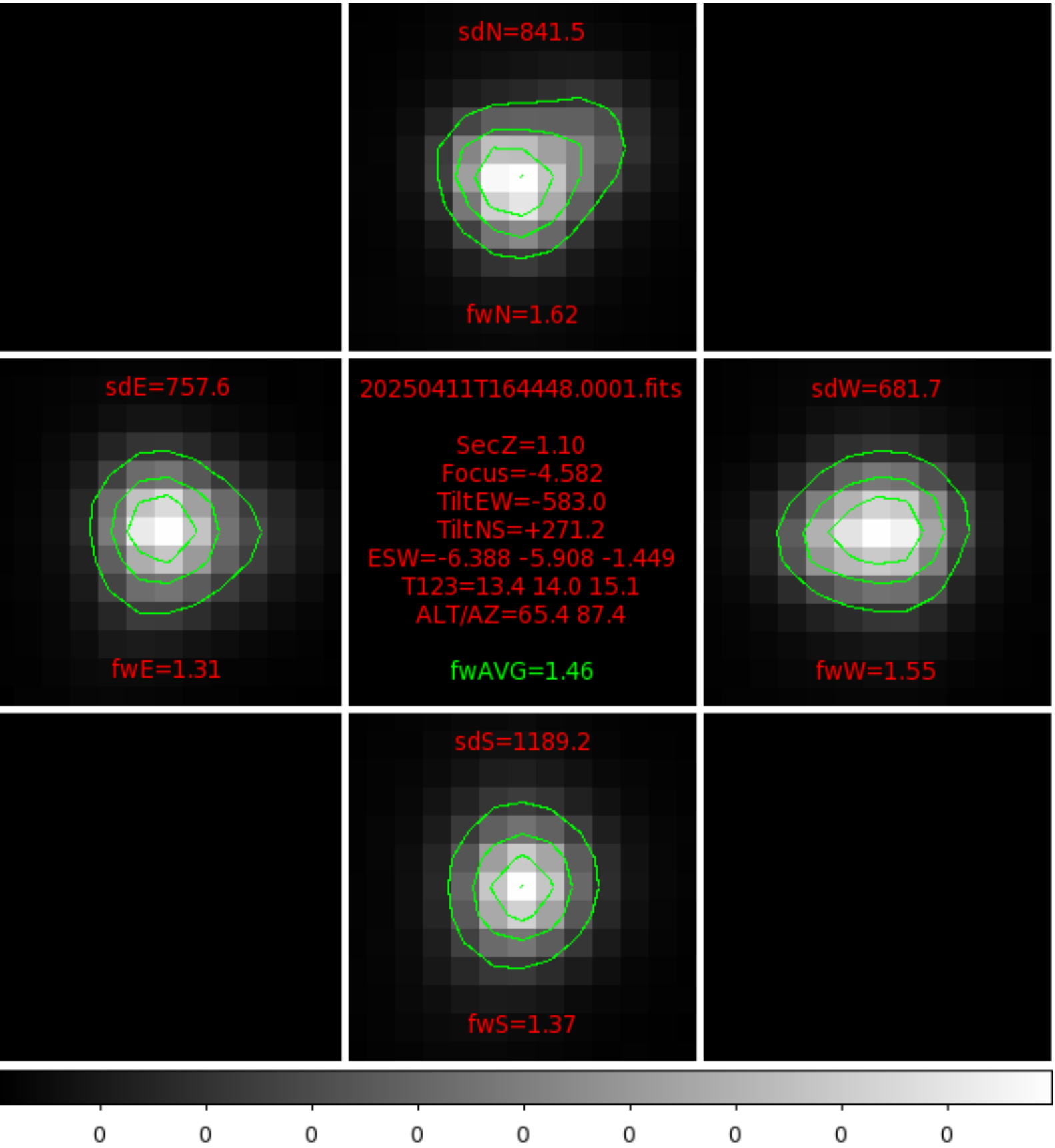
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TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=13.4 14.0 15.1
ALT/AZ=65.4 87.4
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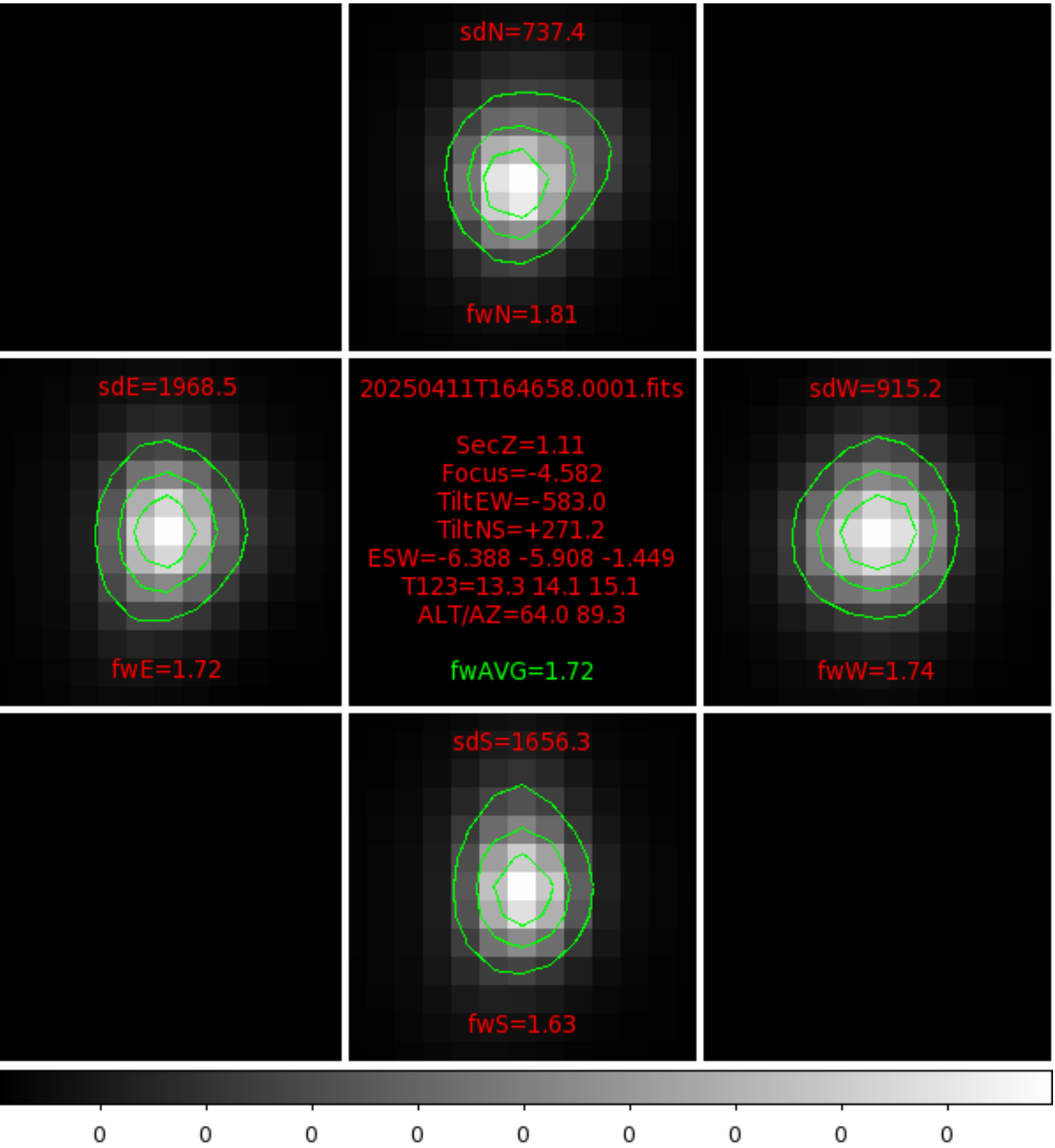
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ESW=-6.388 -5.908 -1.449
T123=13.3 14.1 15.1
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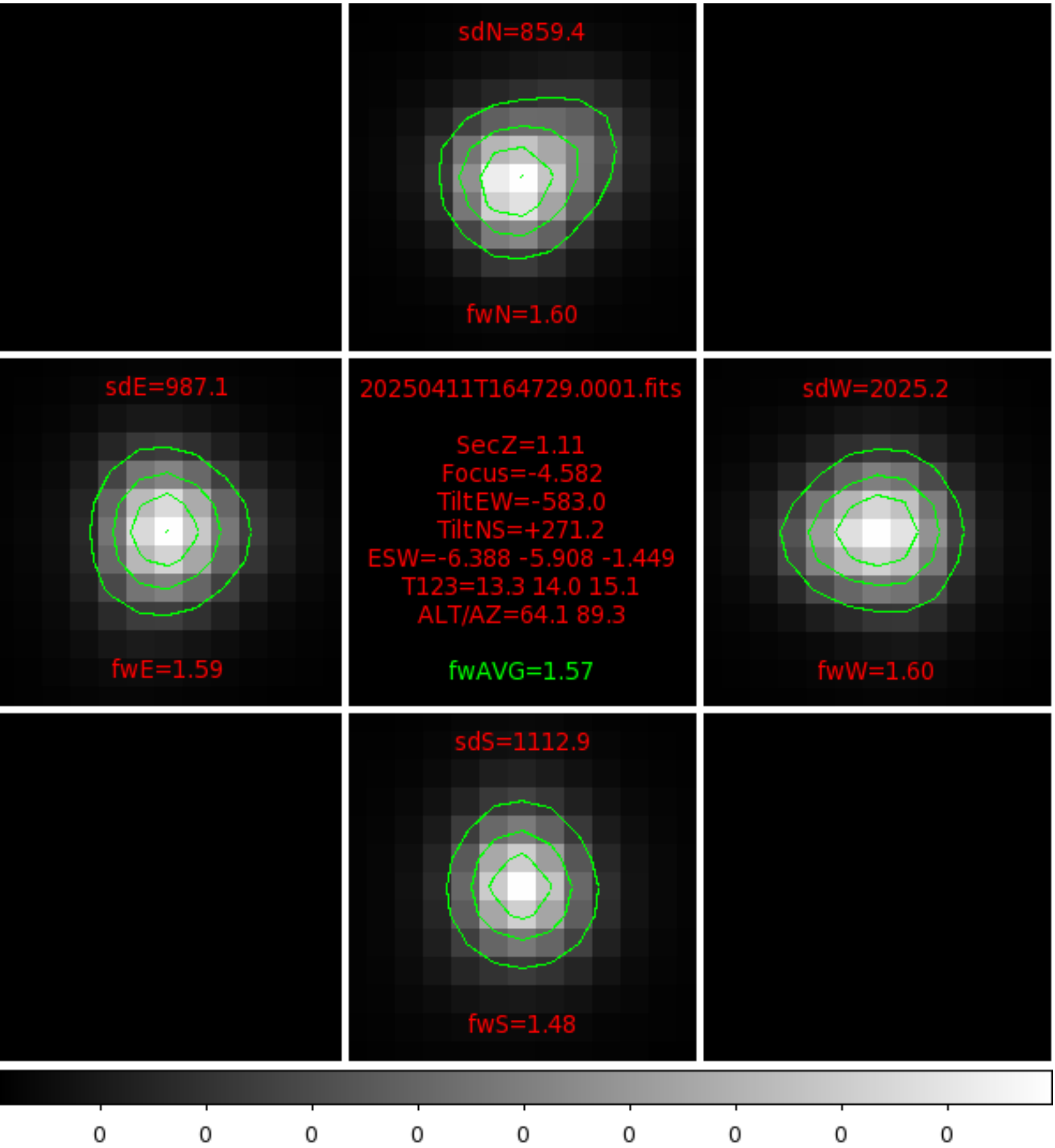
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T123=13.3 14.0 15.1
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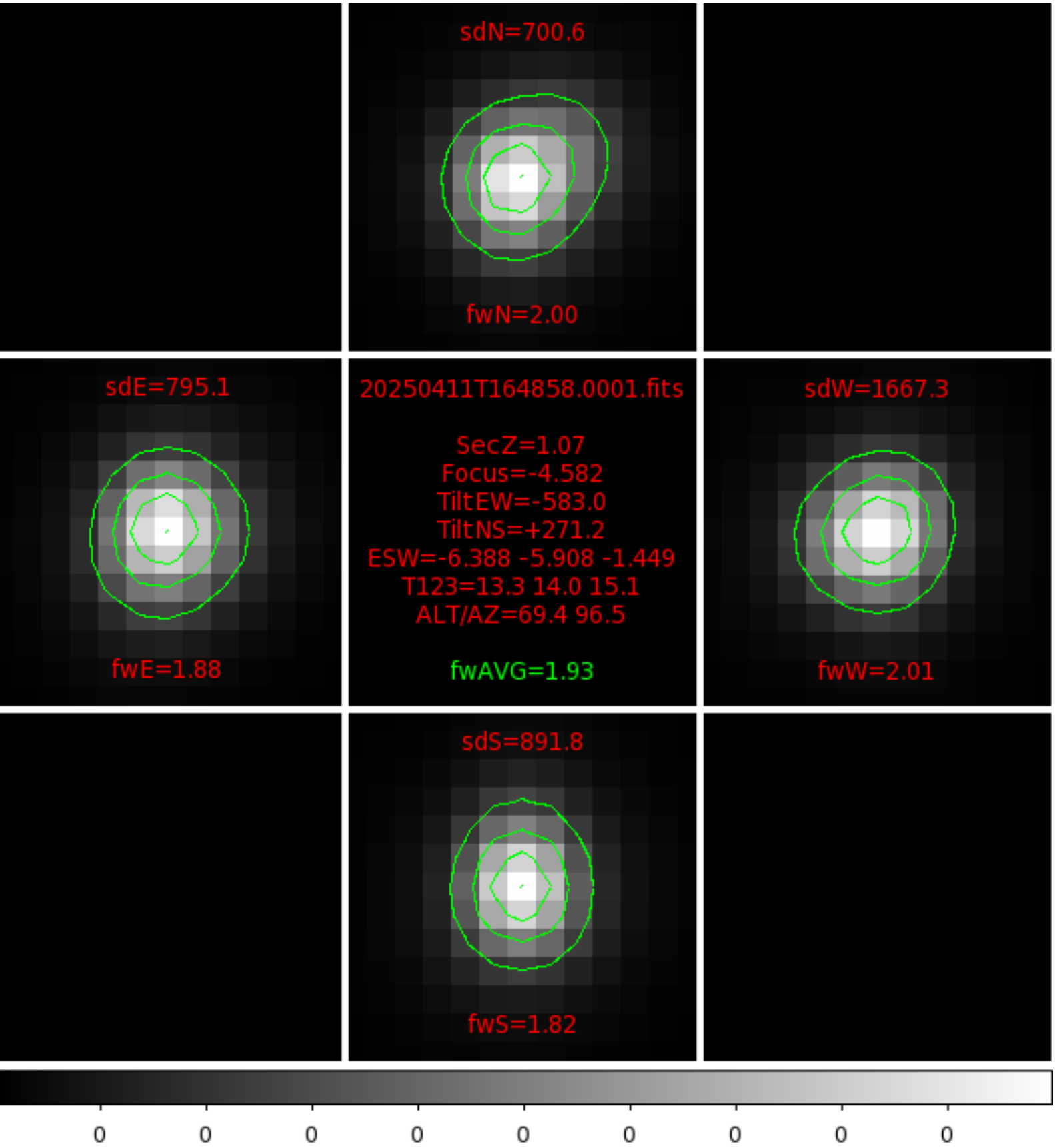
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T123=13.3 14.0 15.1
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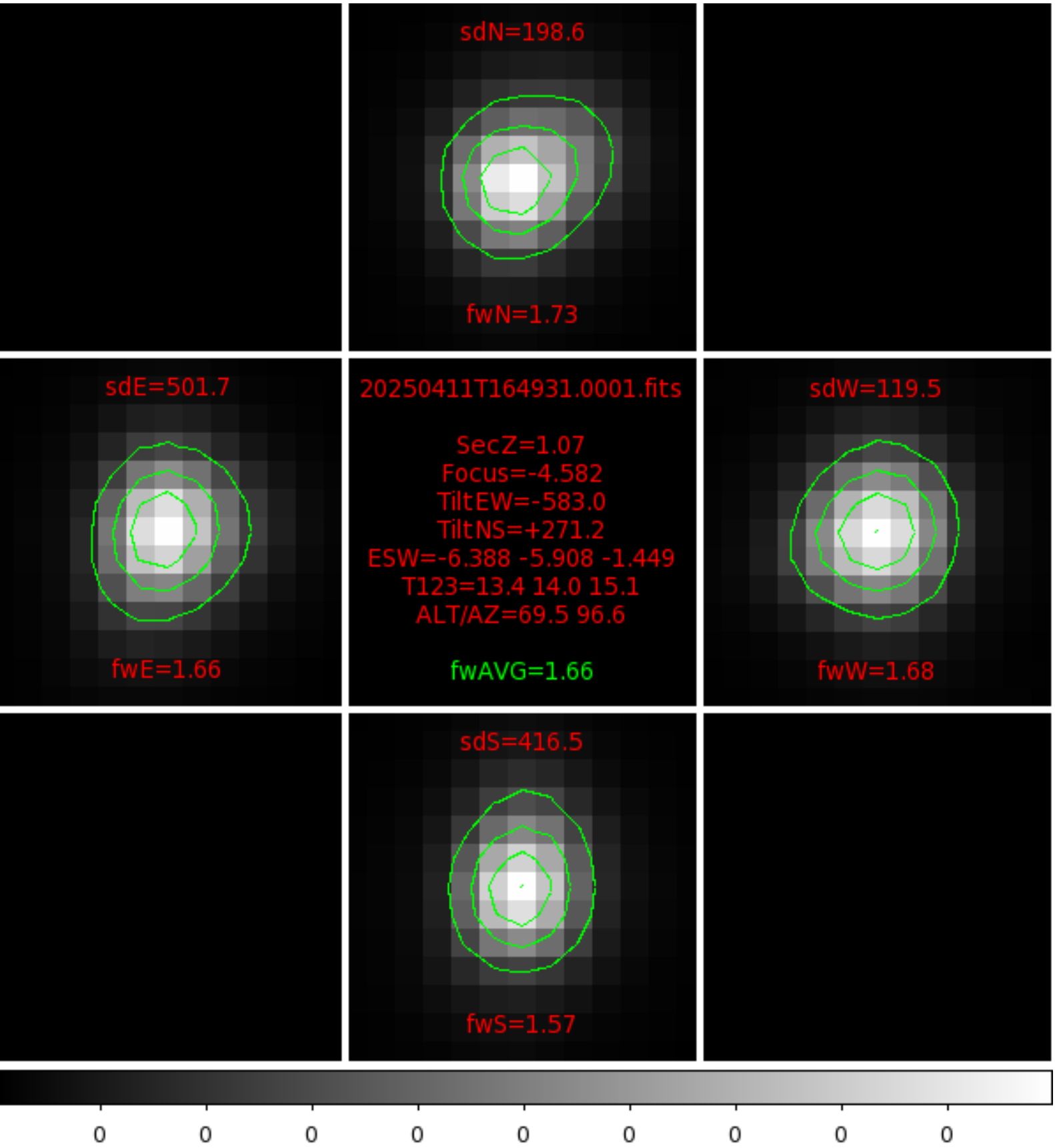
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T123=13.4 14.0 15.1
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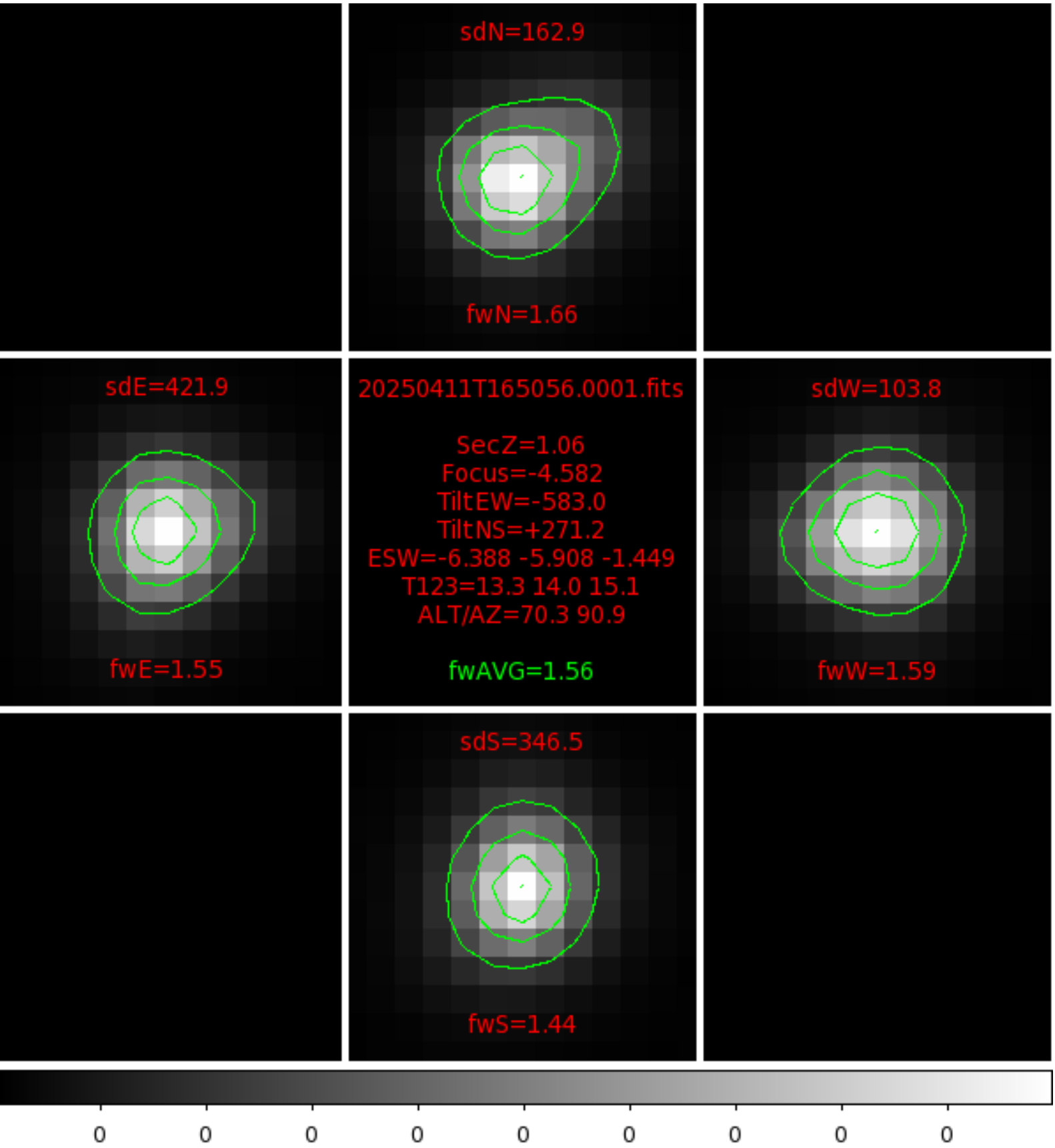
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TiltEW=-583.0
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ESW=-6.388 -5.908 -1.449
T123=13.3 14.0 15.1
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fwAVG=1.56
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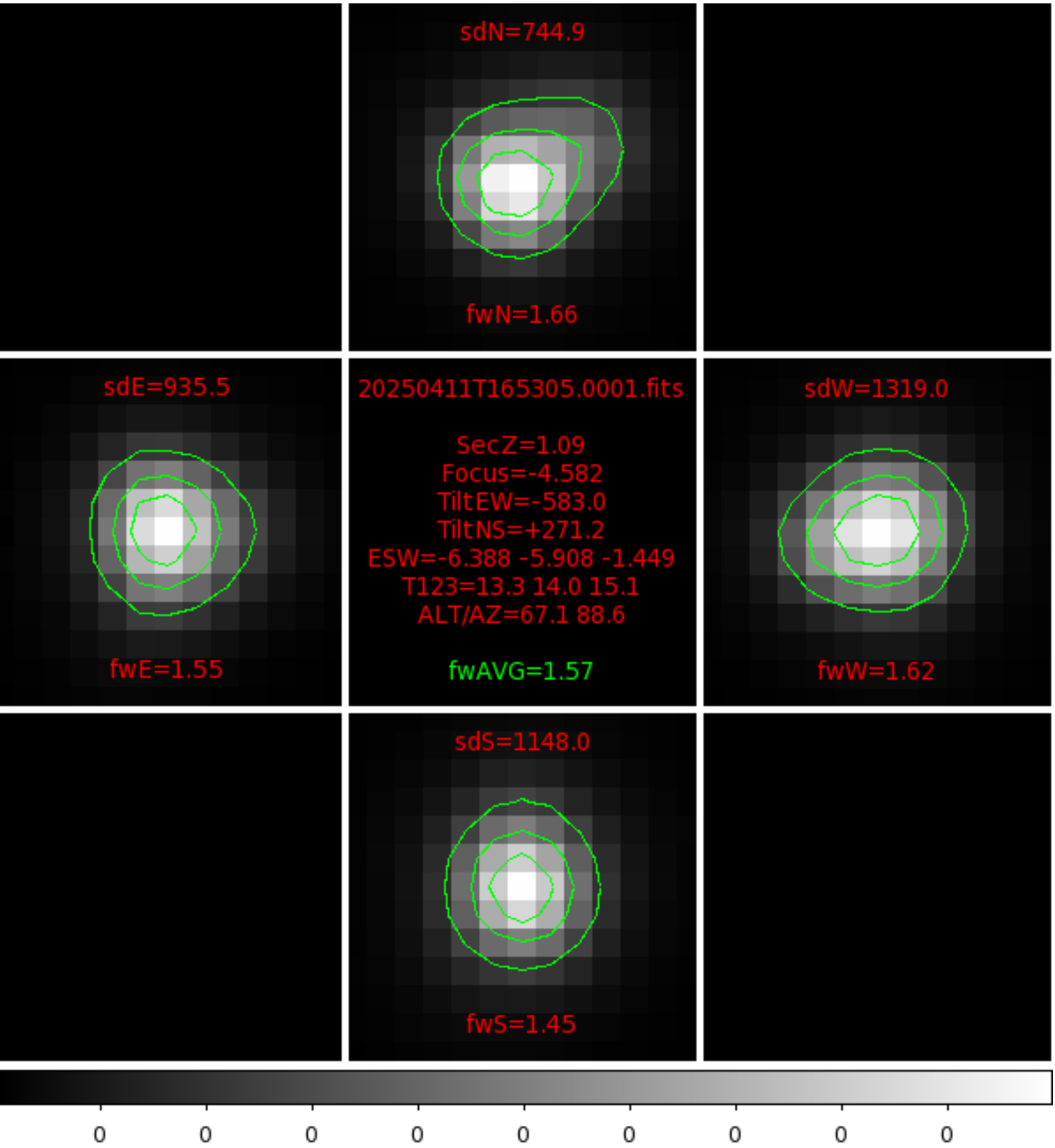
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=13.3 14.0 15.1
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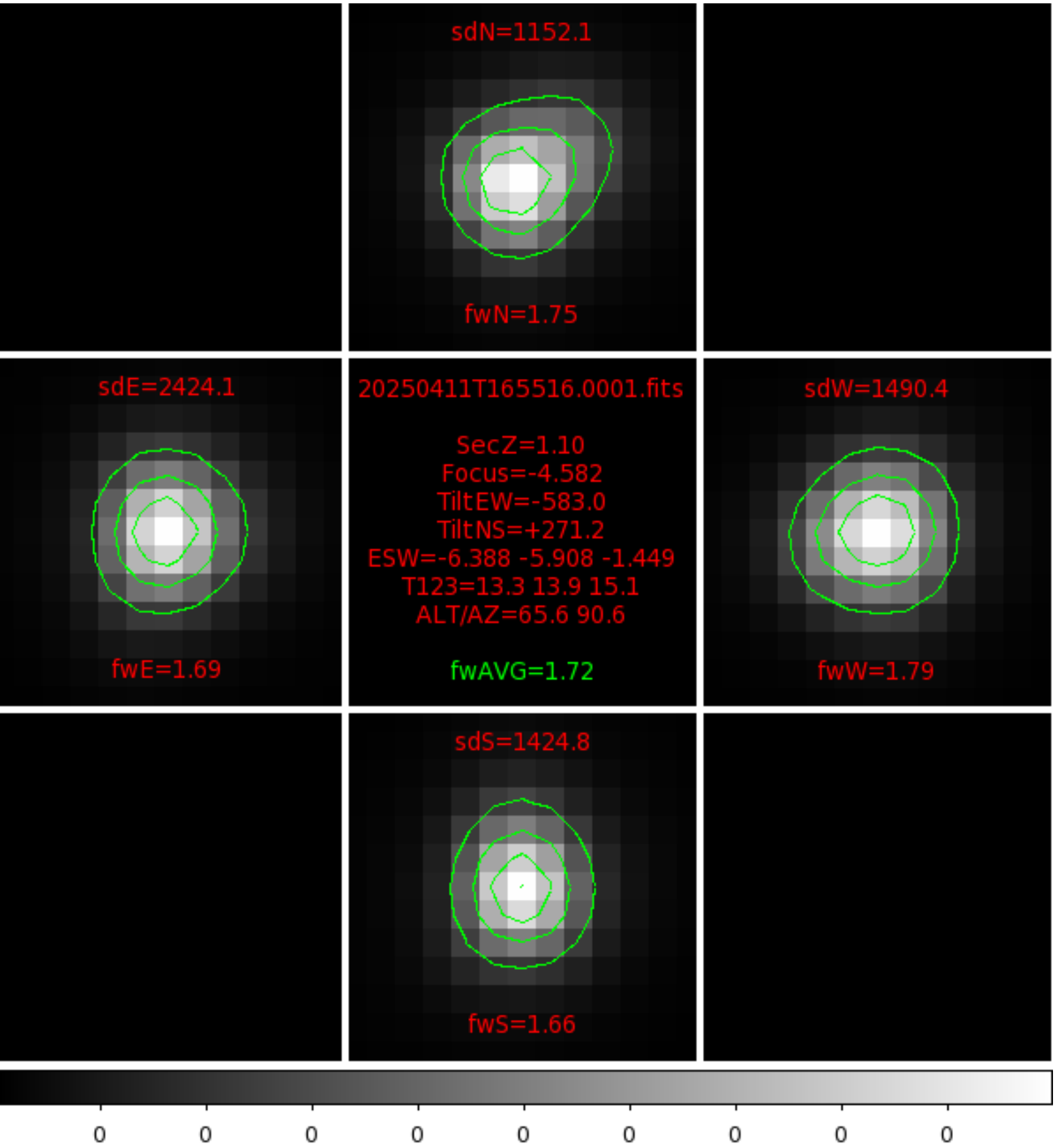
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SecZ=1.10
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=13.3 13.9 15.1
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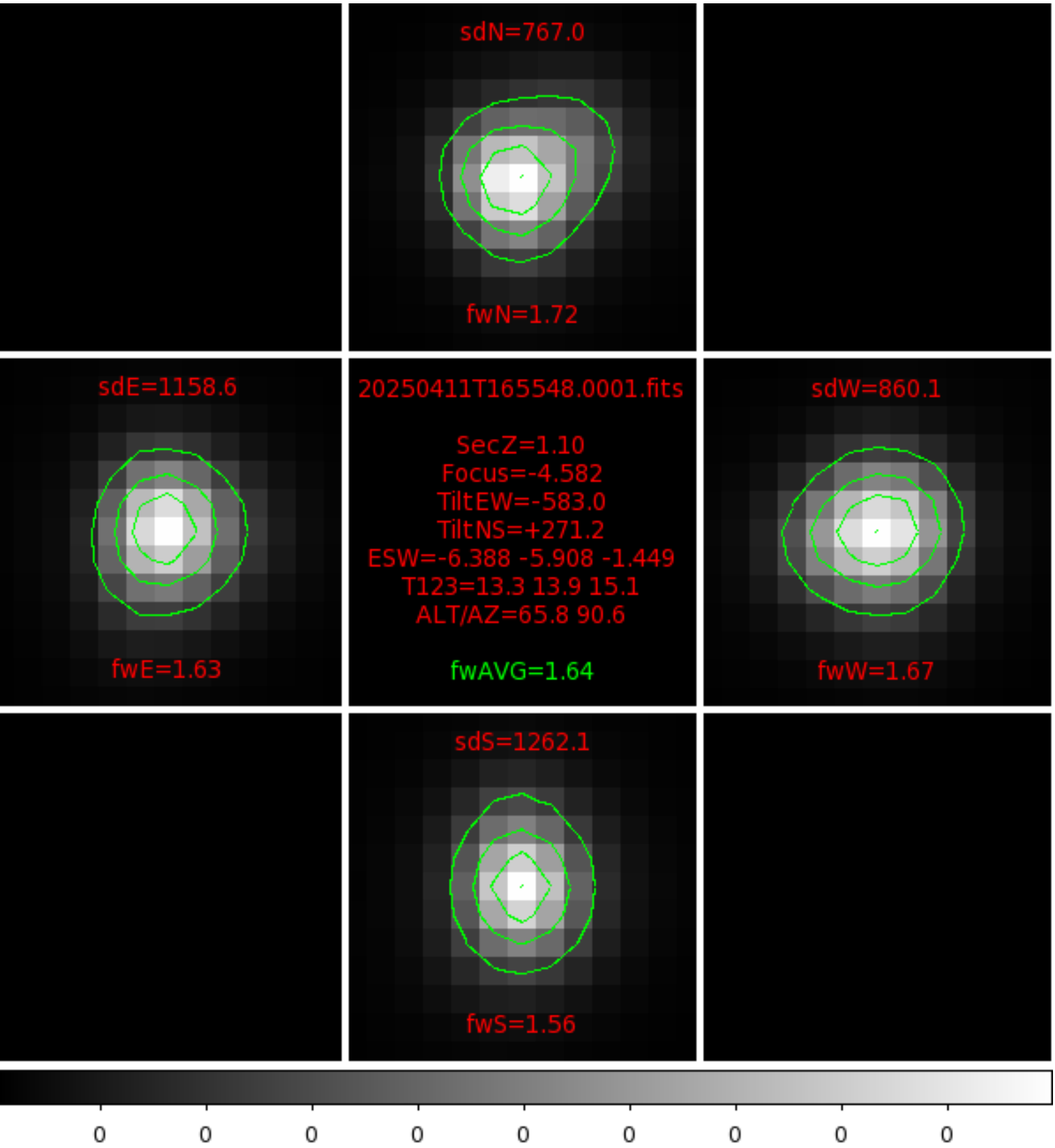
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ESW=-6.388 -5.908 -1.449
T123=13.3 13.9 15.1
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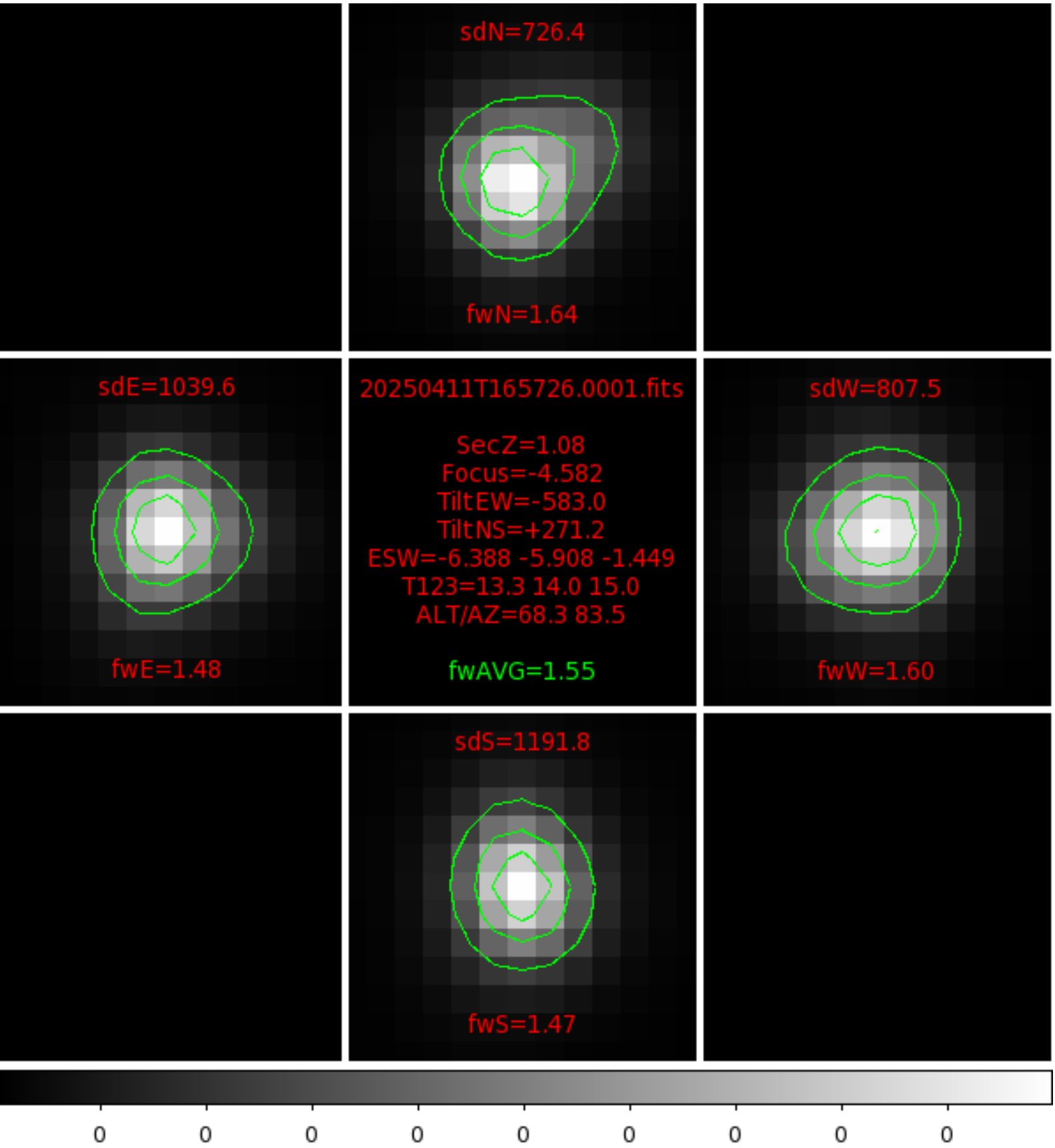
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SecZ=1.08
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=13.3 14.0 15.0
ALT/AZ=68.3 83.5
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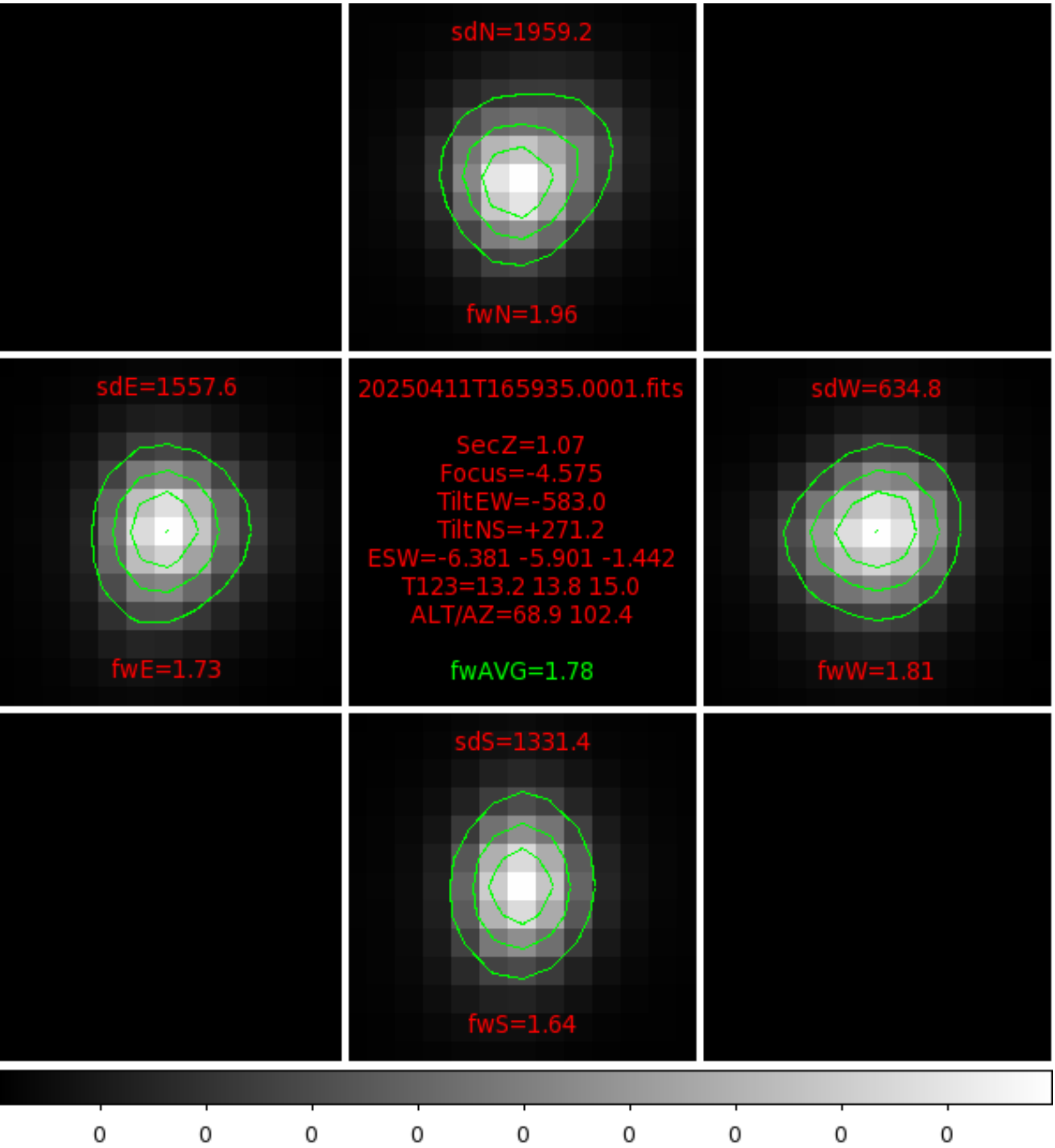
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SecZ=1.07
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.381 -5.901 -1.442
T123=13.2 13.8 15.0
ALT/AZ=68.9 102.4
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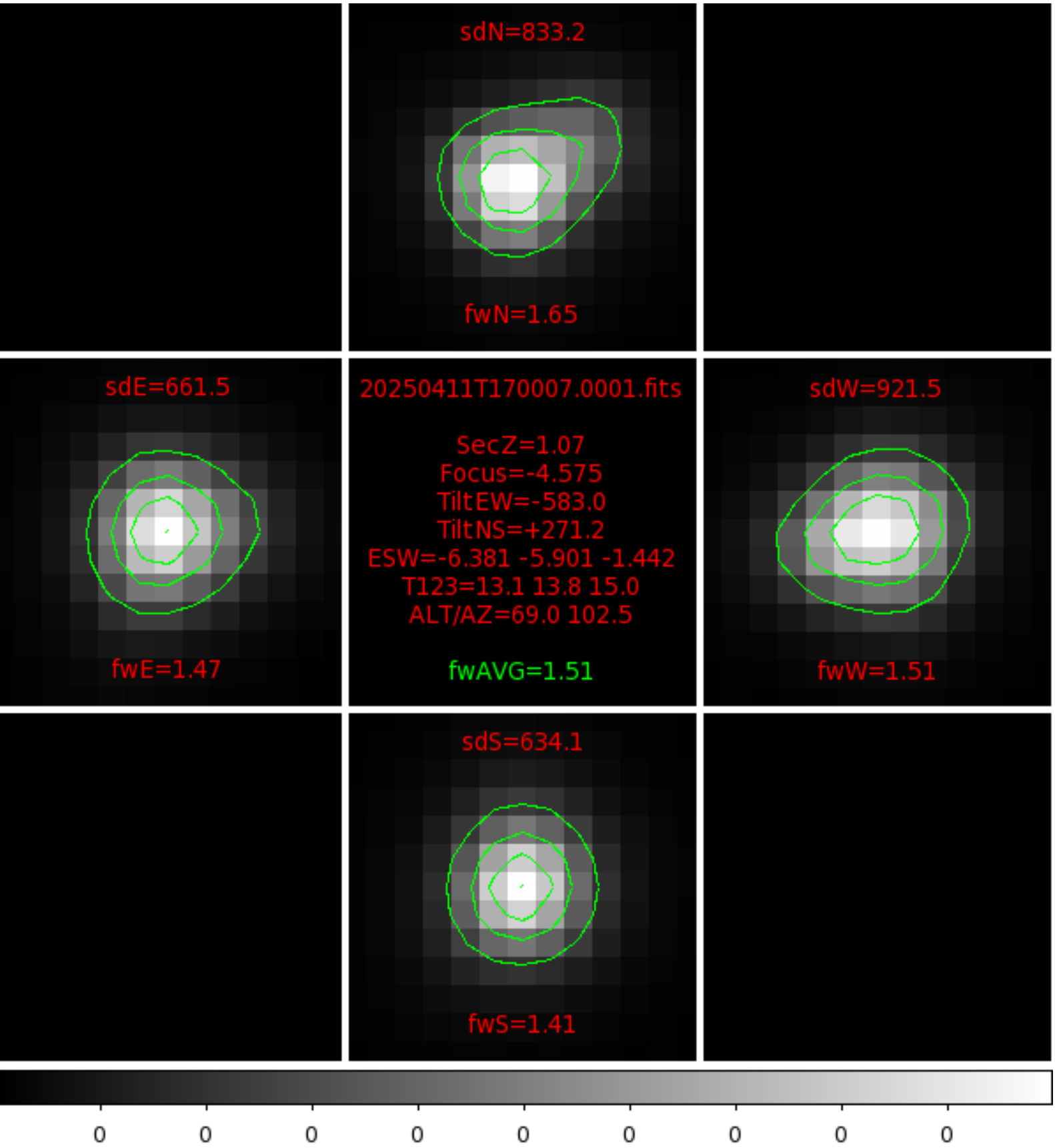
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TiltEW=-583.0
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ESW=-6.381 -5.901 -1.442
T123=13.1 13.8 15.0
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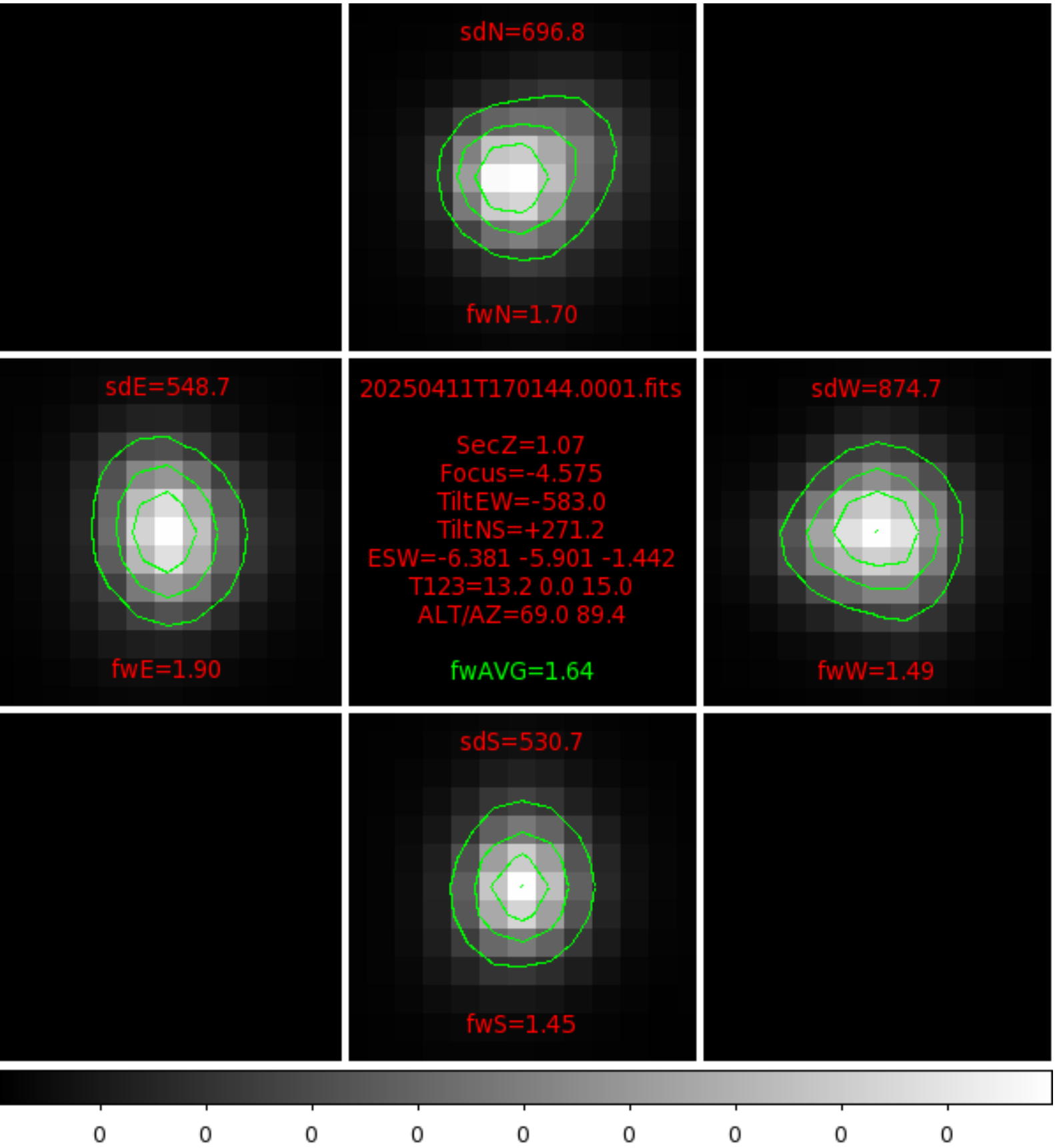
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SecZ=1.07
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TiltEW=-583.0
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ESW=-6.381 -5.901 -1.442
T123=13.2 0.0 15.0
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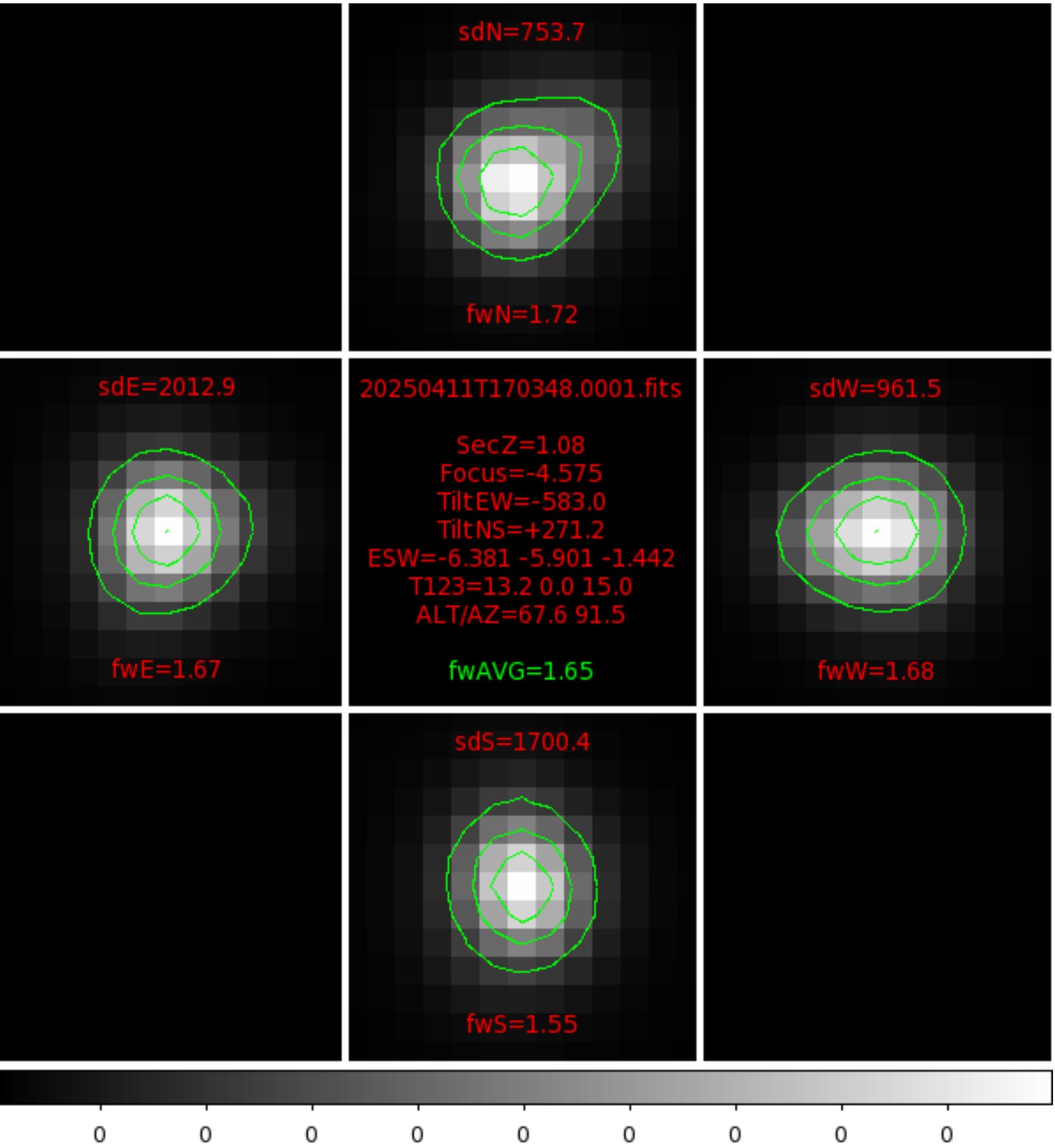
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T123=13.2 0.0 15.0
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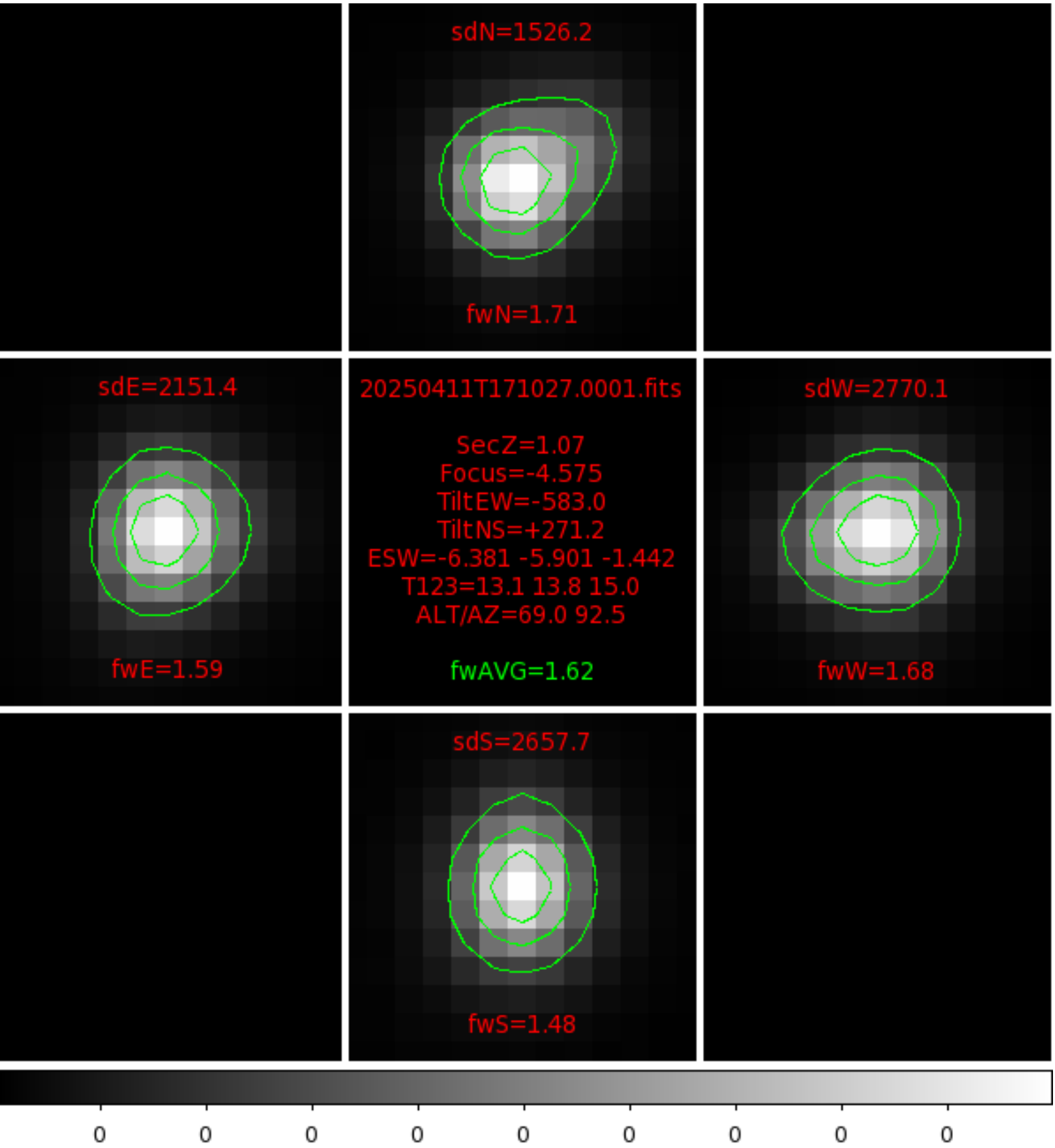
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SecZ=1.07
Focus=-4.575
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.381 -5.901 -1.442
T123=13.1 13.8 15.0
ALT/AZ=69.0 92.5
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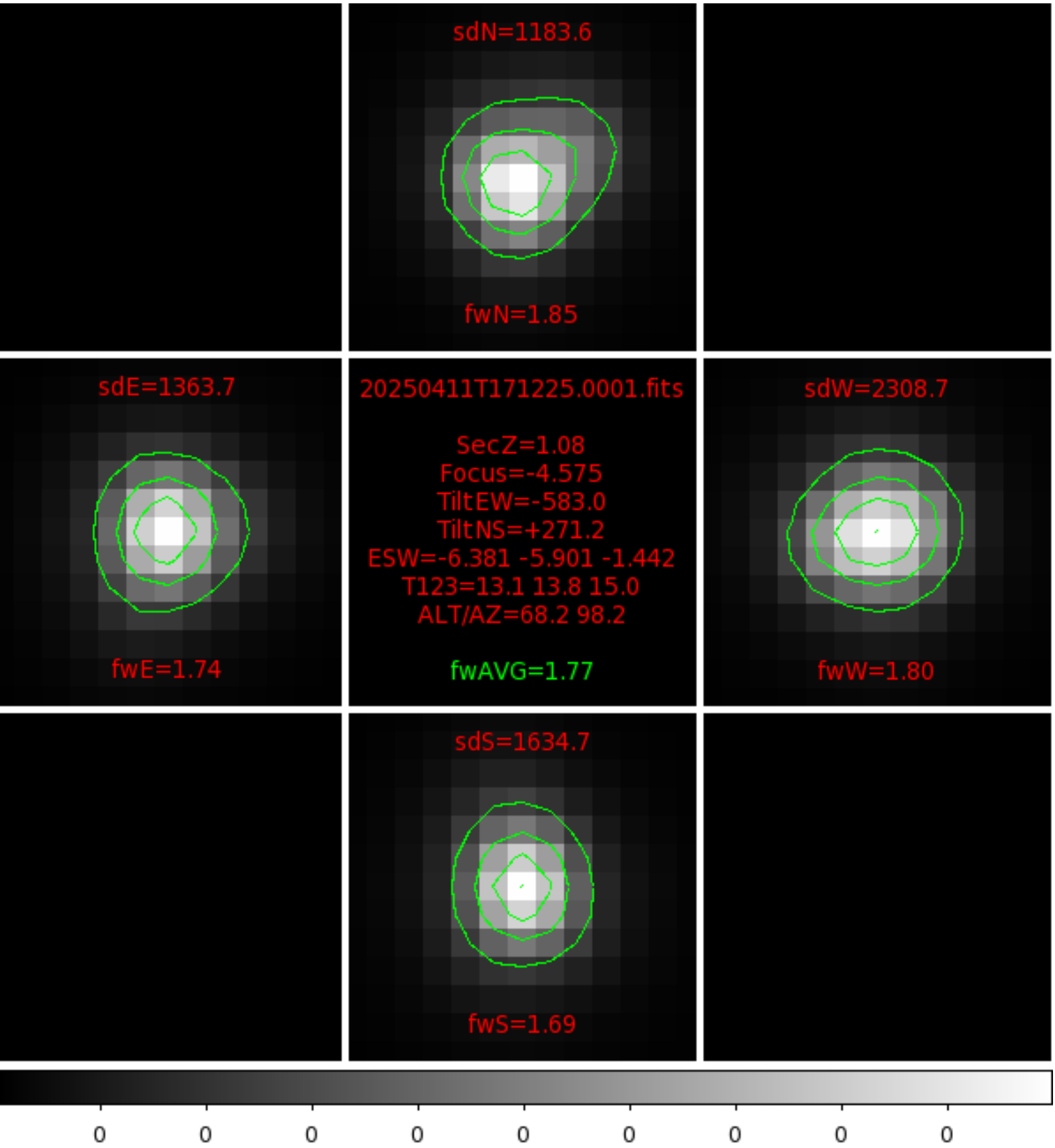
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TiltNS=+271.2
ESW=-6.381 -5.901 -1.442
T123=13.1 13.8 15.0
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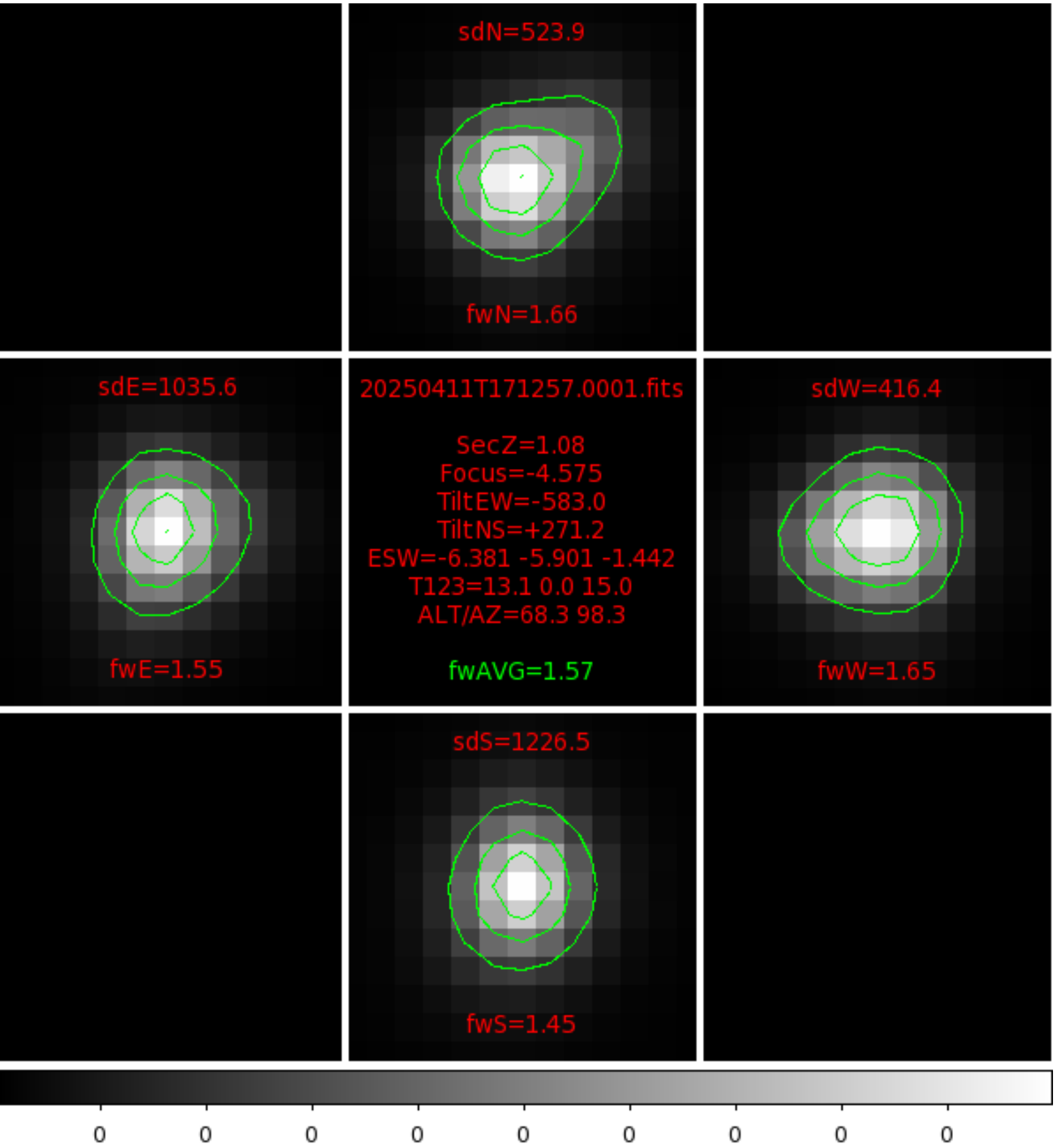
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TiltEW=-583.0
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ESW=-6.381 -5.901 -1.442
T123=13.1 0.0 15.0
ALT/AZ=68.3 98.3
fwAVG=1.57
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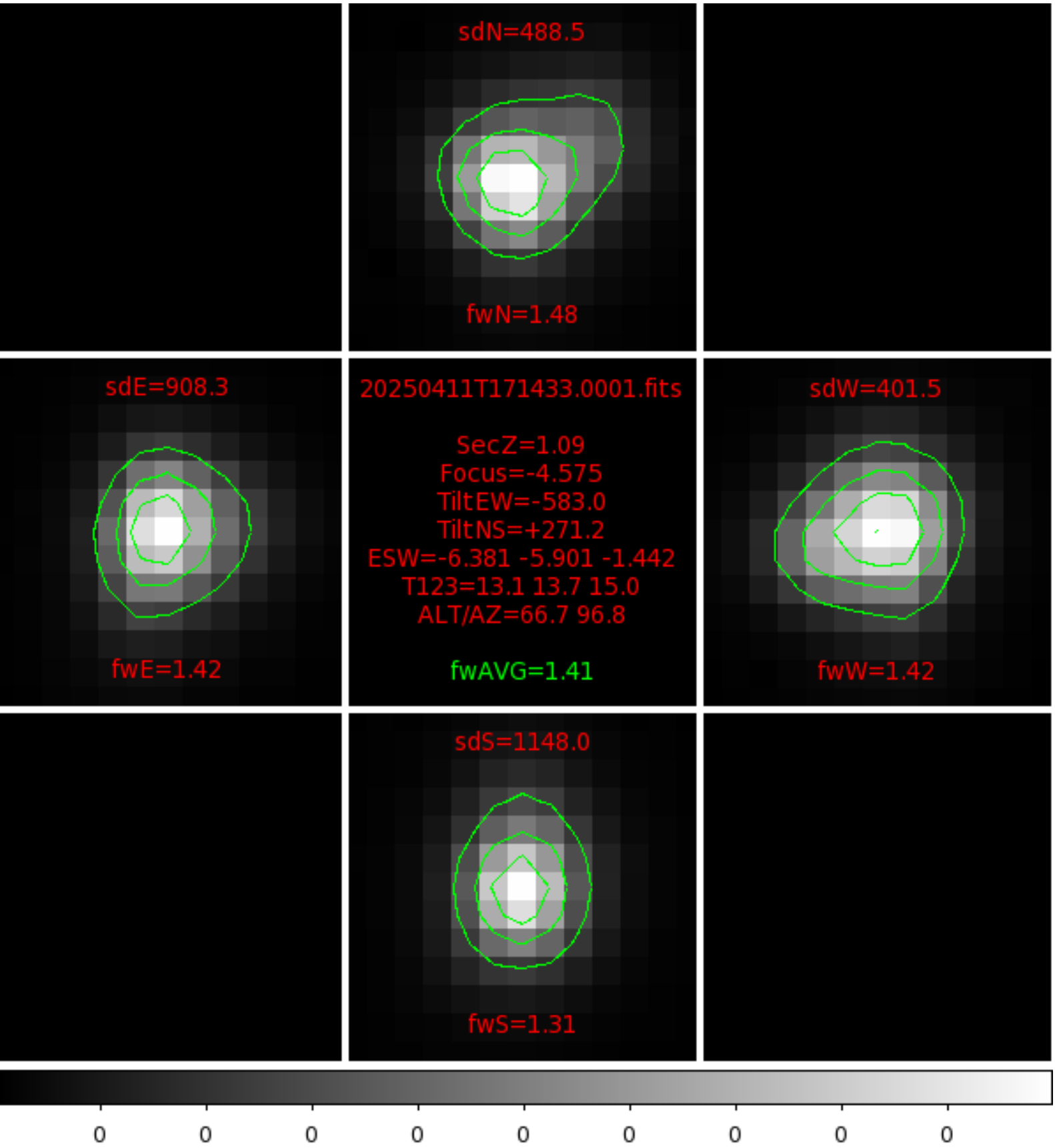
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SecZ=1.09
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TiltNS=+271.2
ESW=-6.381 -5.901 -1.442
T123=13.1 13.7 15.0
ALT/AZ=66.7 96.8
fwAVG=1.41
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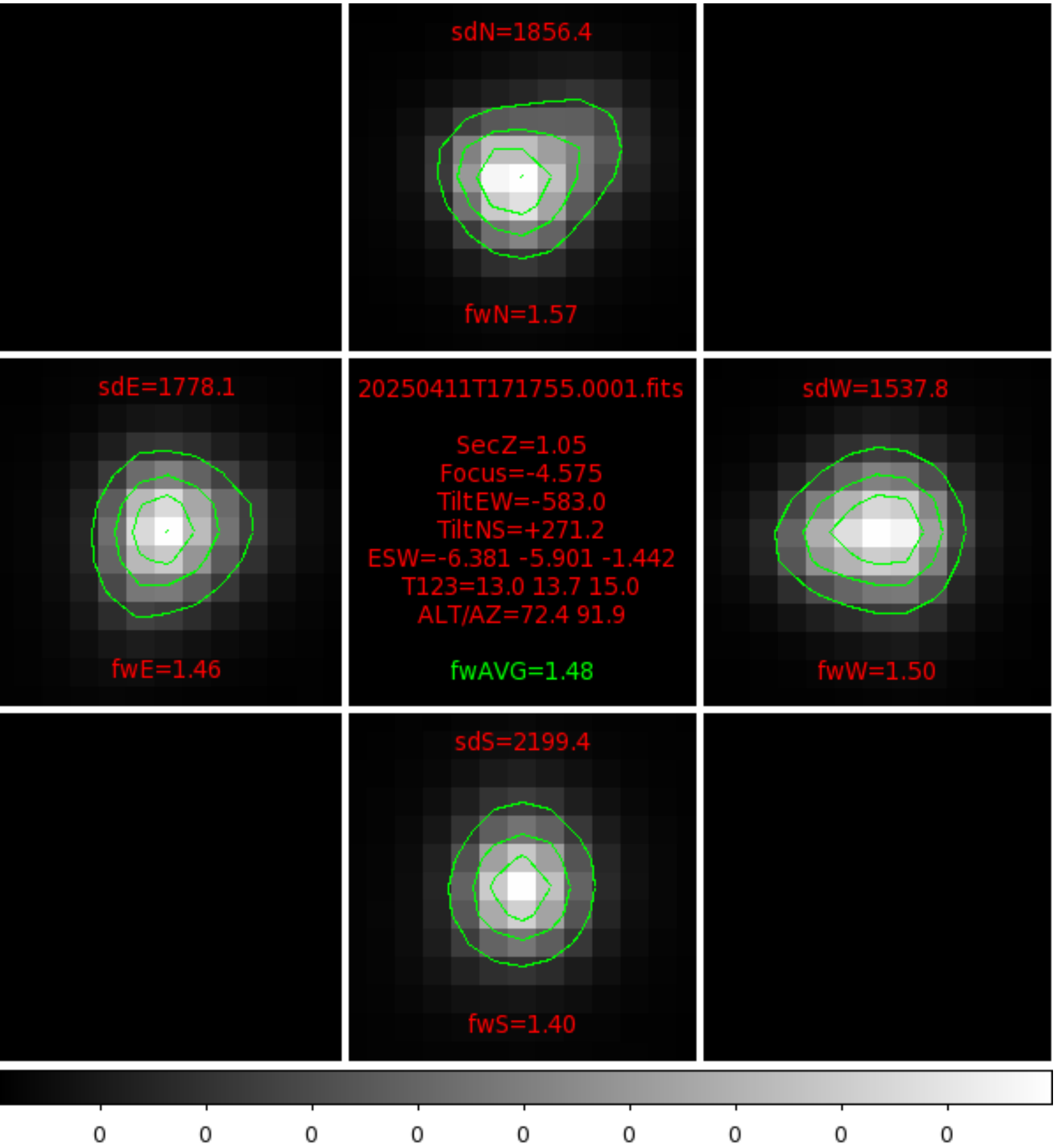
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sdE=1778.1
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SecZ=1.05
Focus=-4.575
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.381 -5.901 -1.442
T123=13.0 13.7 15.0
ALT/AZ=72.4 91.9
fwAVG=1.48
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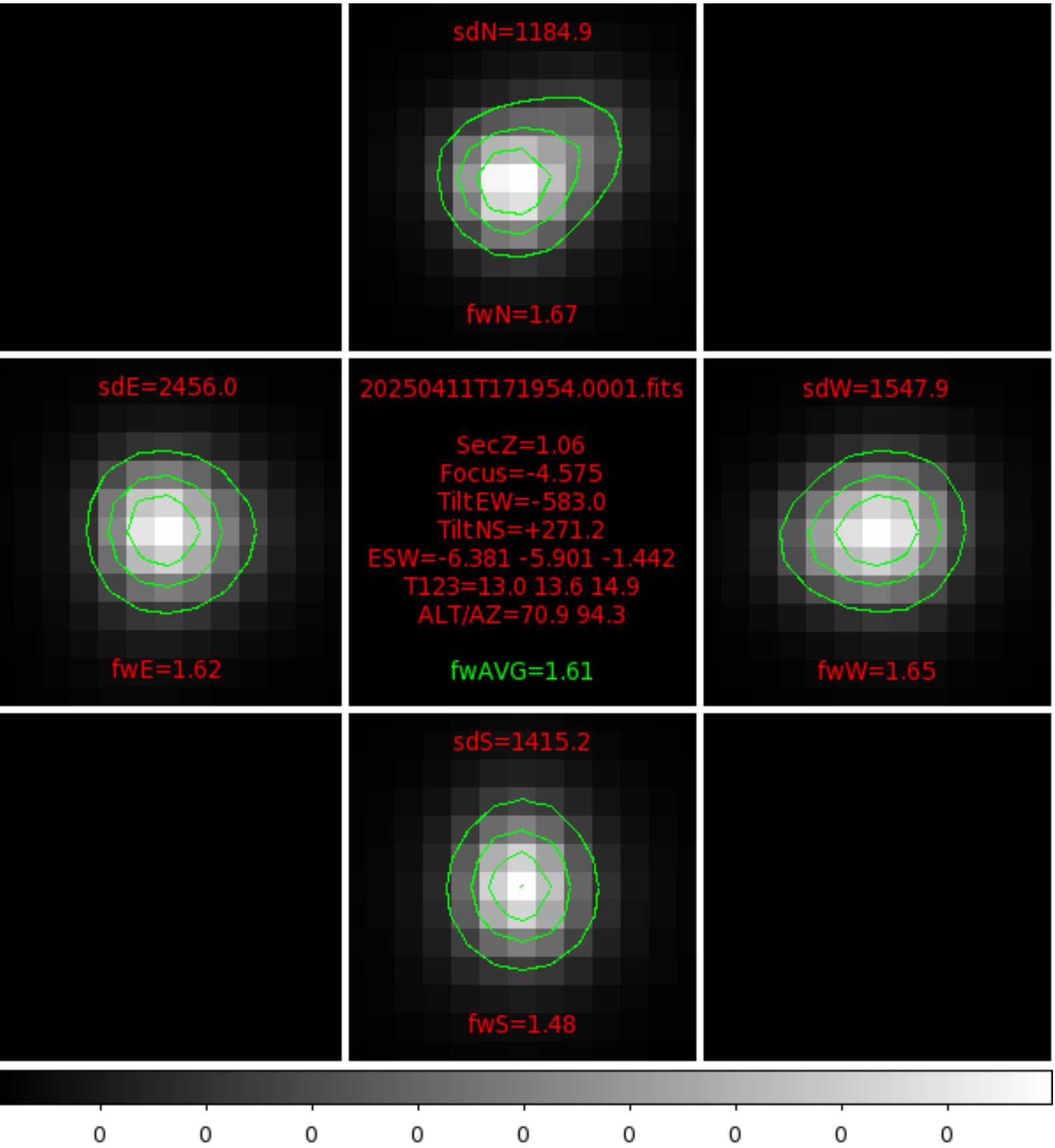
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TiltNS=+271.2
ESW=-6.381 -5.901 -1.442
T123=13.0 13.6 14.9
ALT/AZ=70.9 94.3
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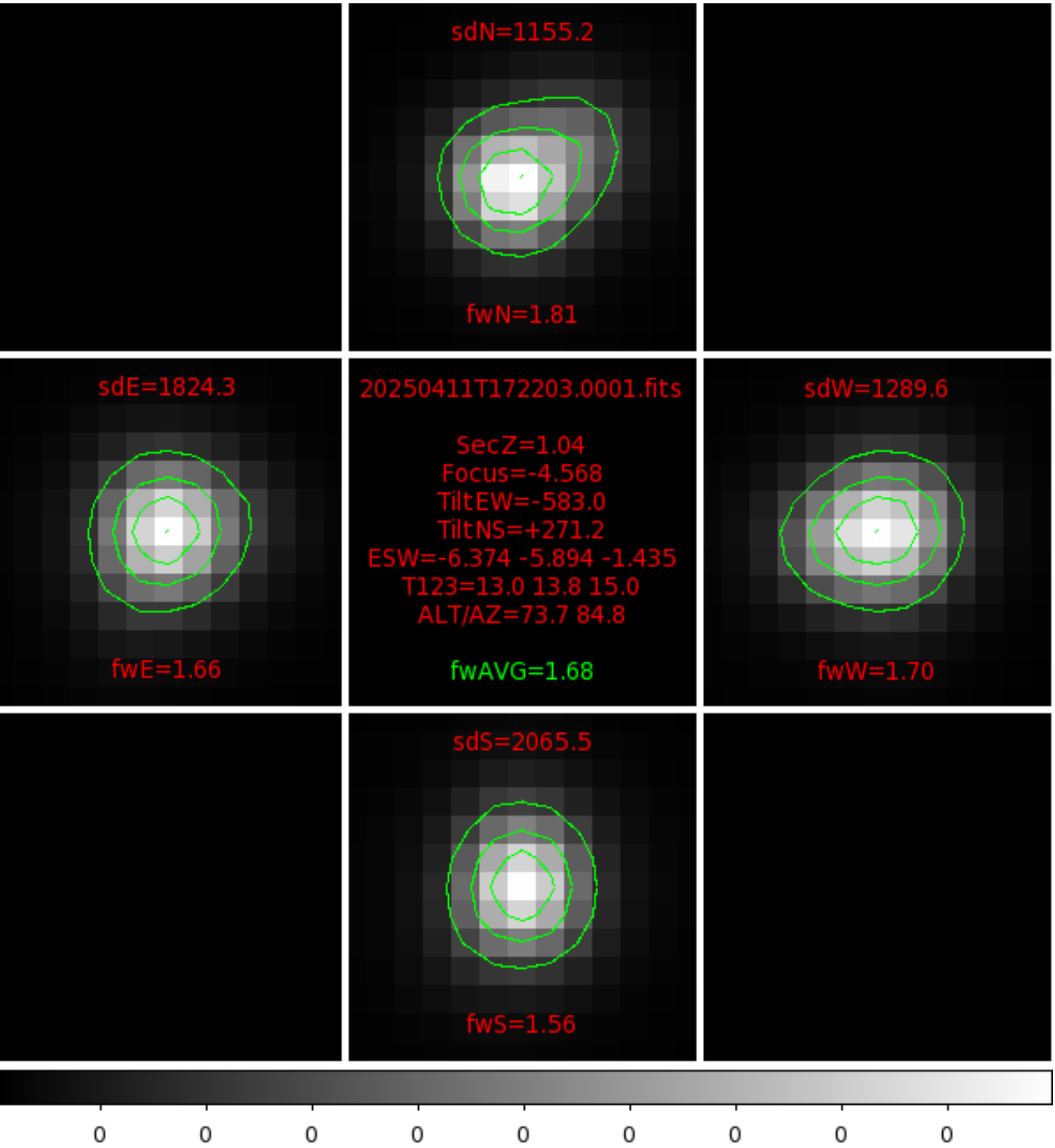
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SecZ=1.04
Focus=-4.568
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TiltNS=+271.2
ESW=-6.374 -5.894 -1.435
T123=13.0 13.8 15.0
ALT/AZ=73.7 84.8
fwAVG=1.68
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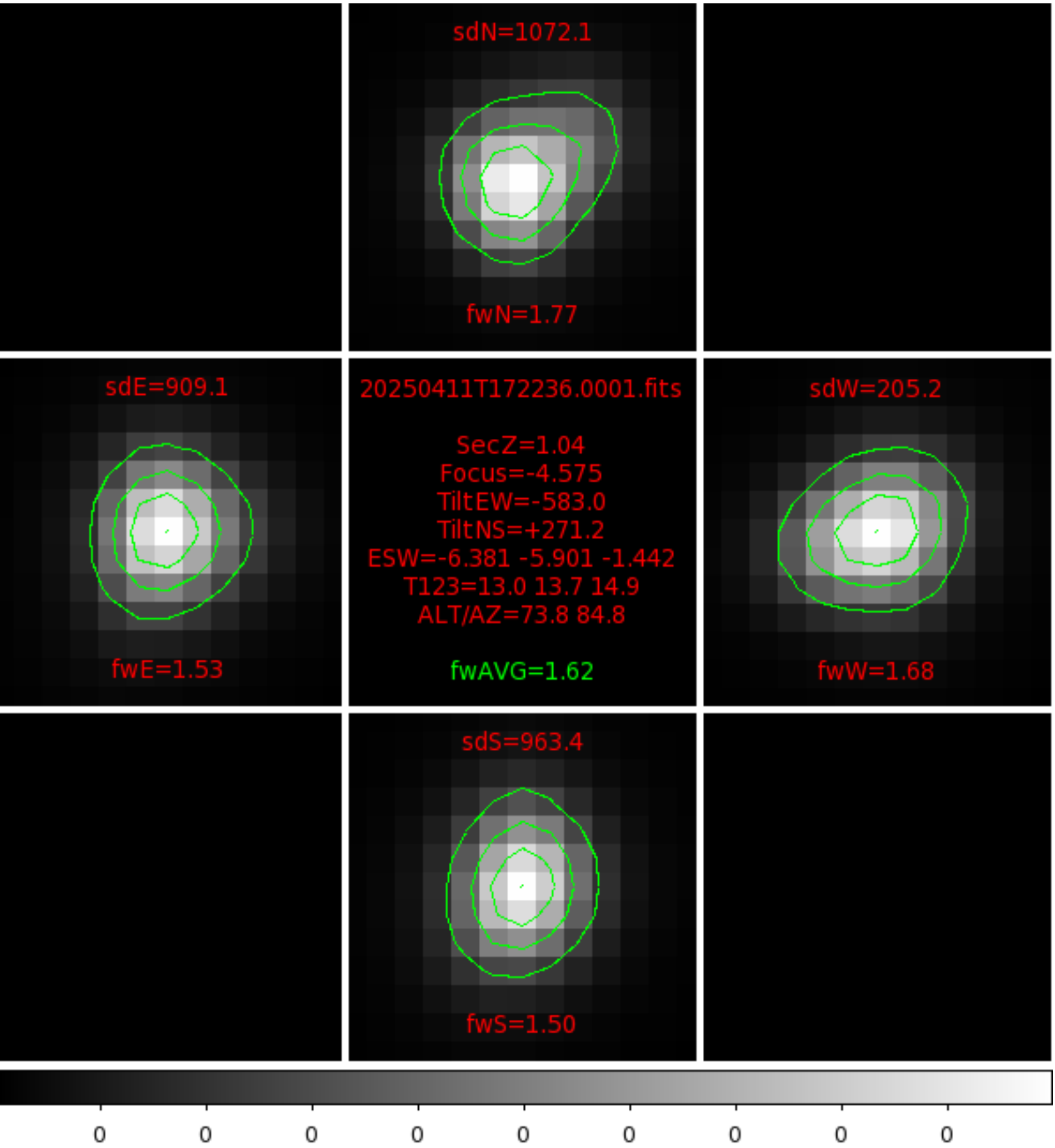
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SecZ=1.04
Focus=-4.575
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TiltNS=+271.2
ESW=-6.381 -5.901 -1.442
T123=13.0 13.7 14.9
ALT/AZ=73.8 84.8
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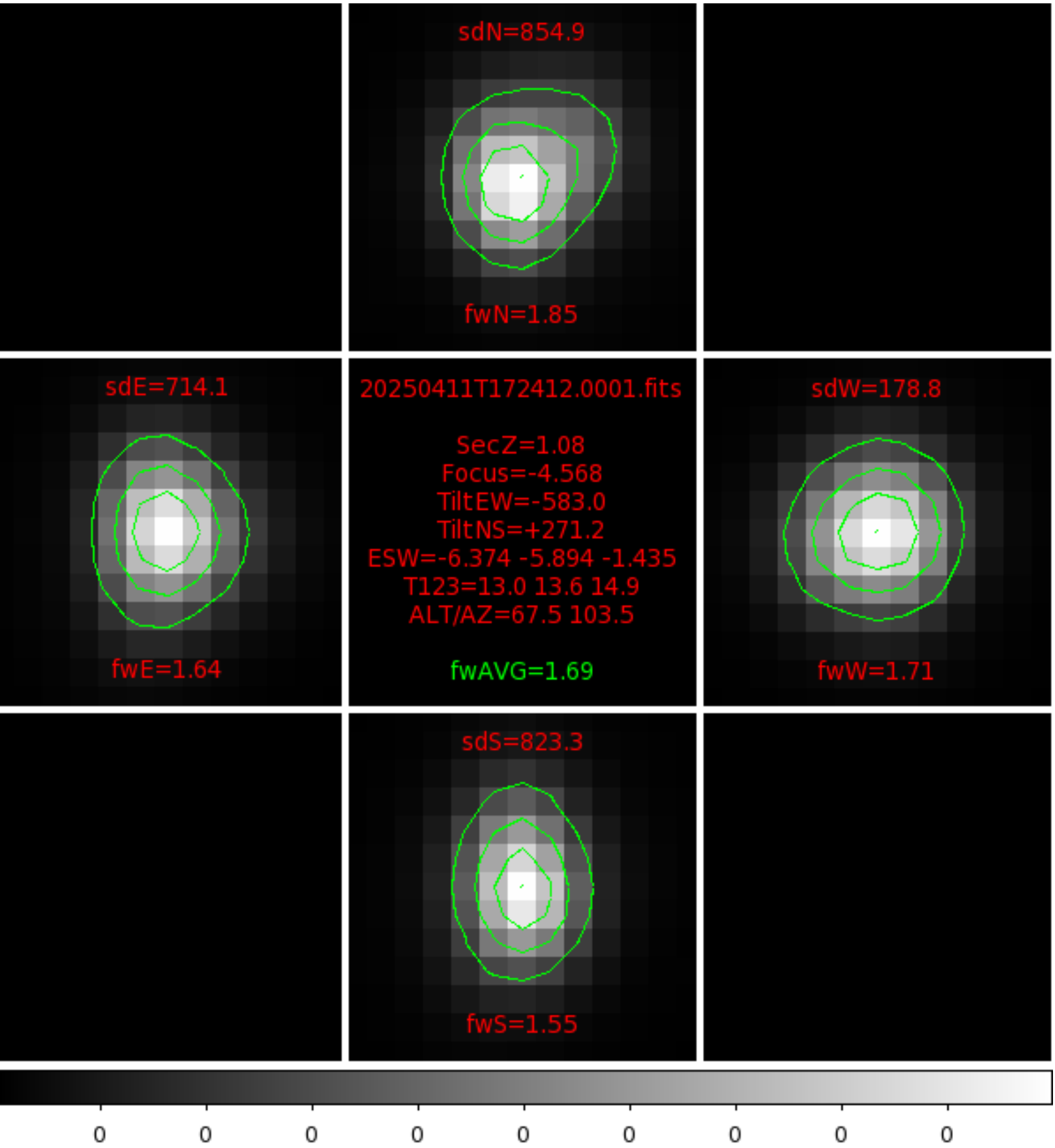
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sdE=714.1
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SecZ=1.08
Focus=-4.568
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.374 -5.894 -1.435
T123=13.0 13.6 14.9
ALT/AZ=67.5 103.5
fwAVG=1.69
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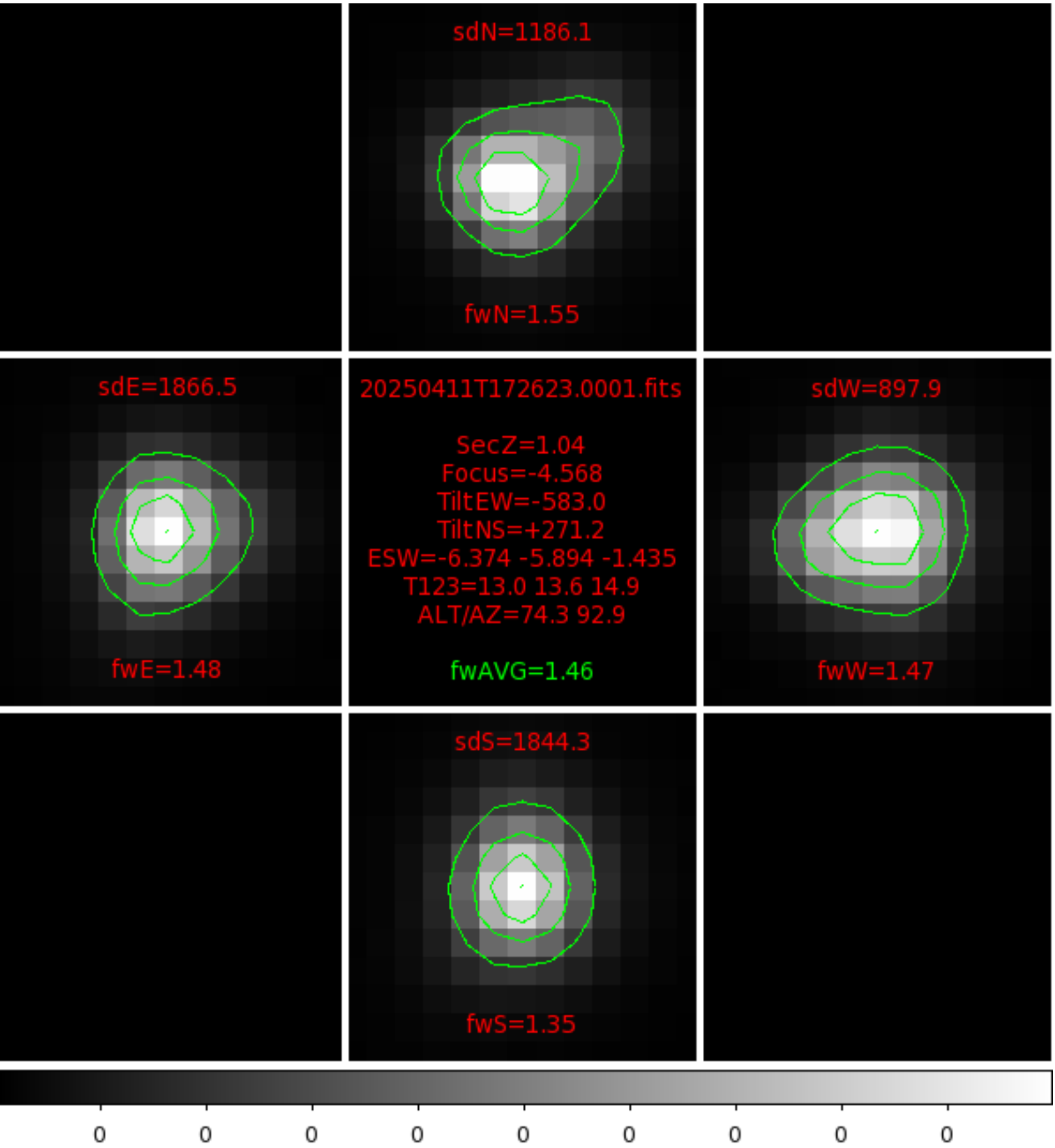
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sdE=1866.5
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SecZ=1.04
Focus=-4.568
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.374 -5.894 -1.435
T123=13.0 13.6 14.9
ALT/AZ=74.3 92.9
fwAVG=1.46
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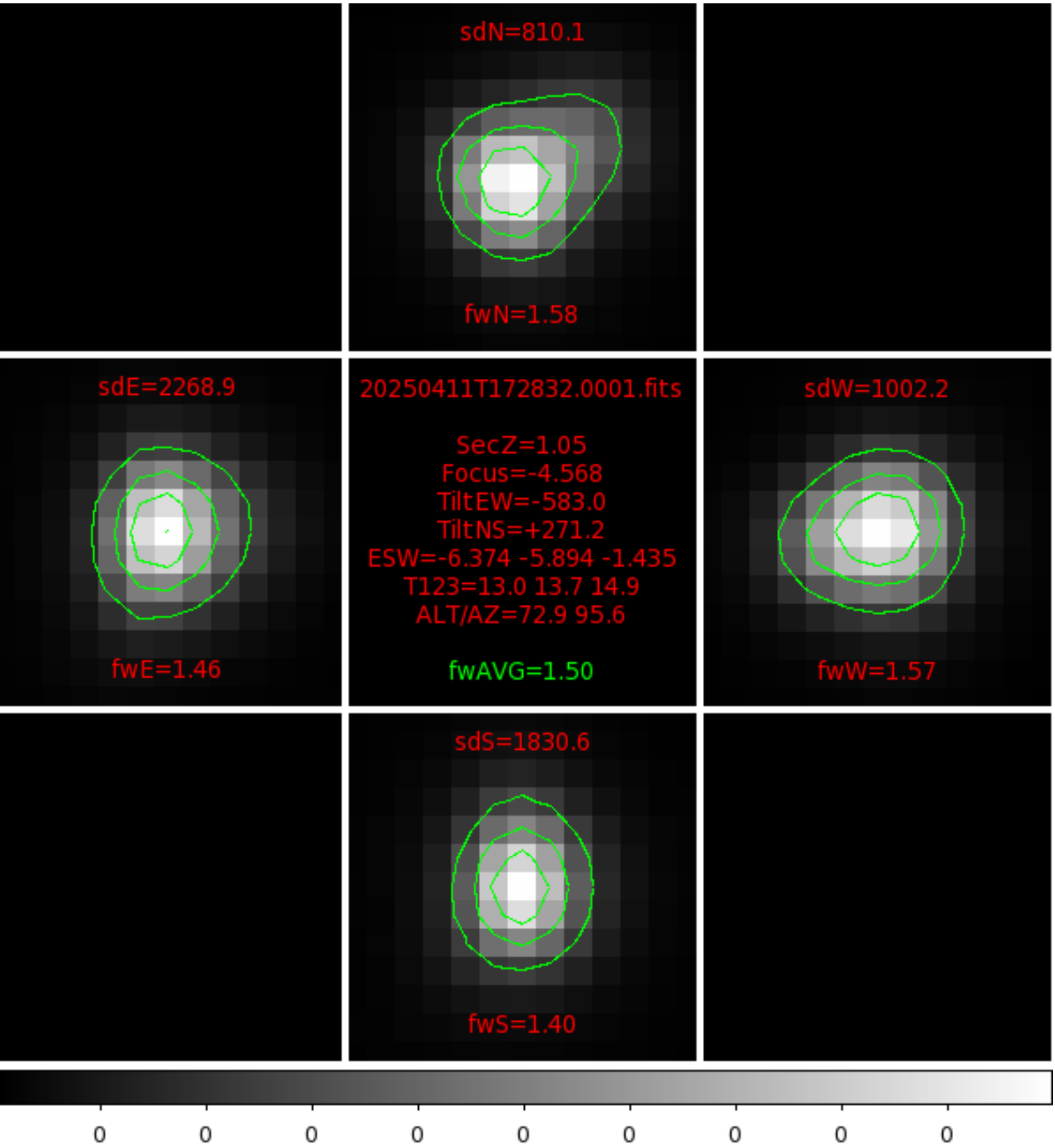
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SecZ=1.05
Focus=-4.568
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TiltNS=+271.2
ESW=-6.374 -5.894 -1.435
T123=13.0 13.7 14.9
ALT/AZ=72.9 95.6
fwAVG=1.50
sdW=1002.2
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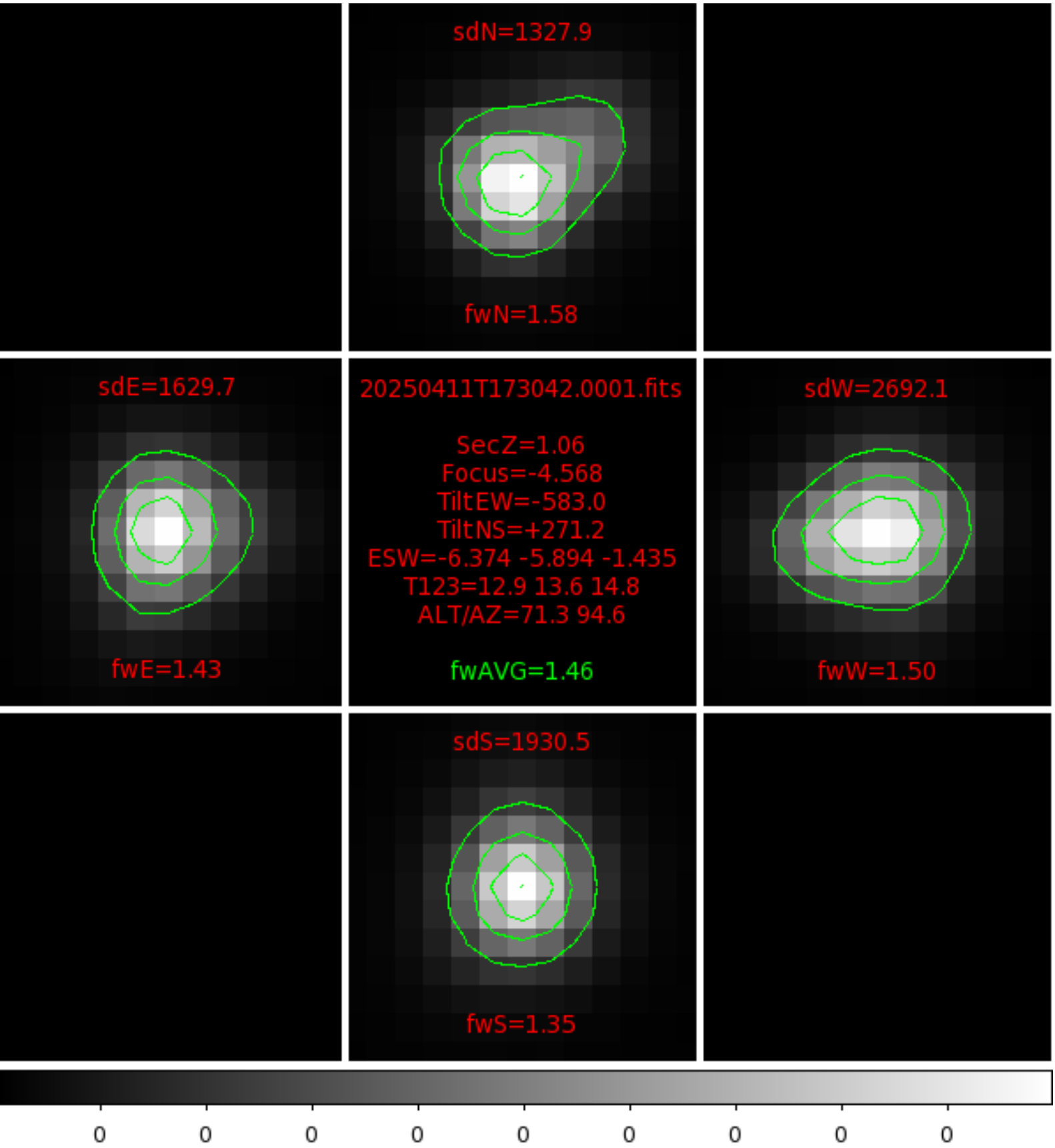
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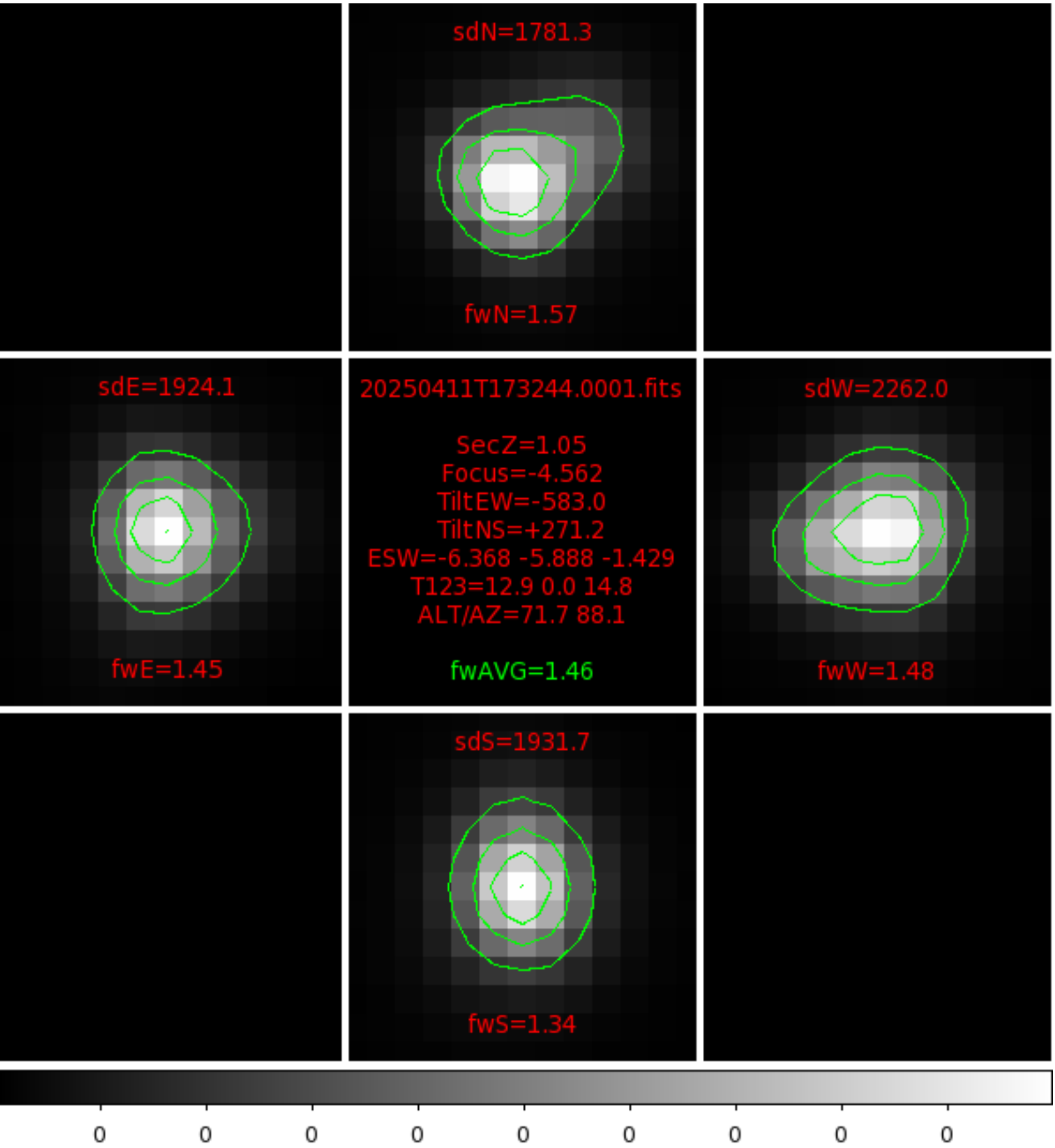
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T123=12.9 0.0 14.8
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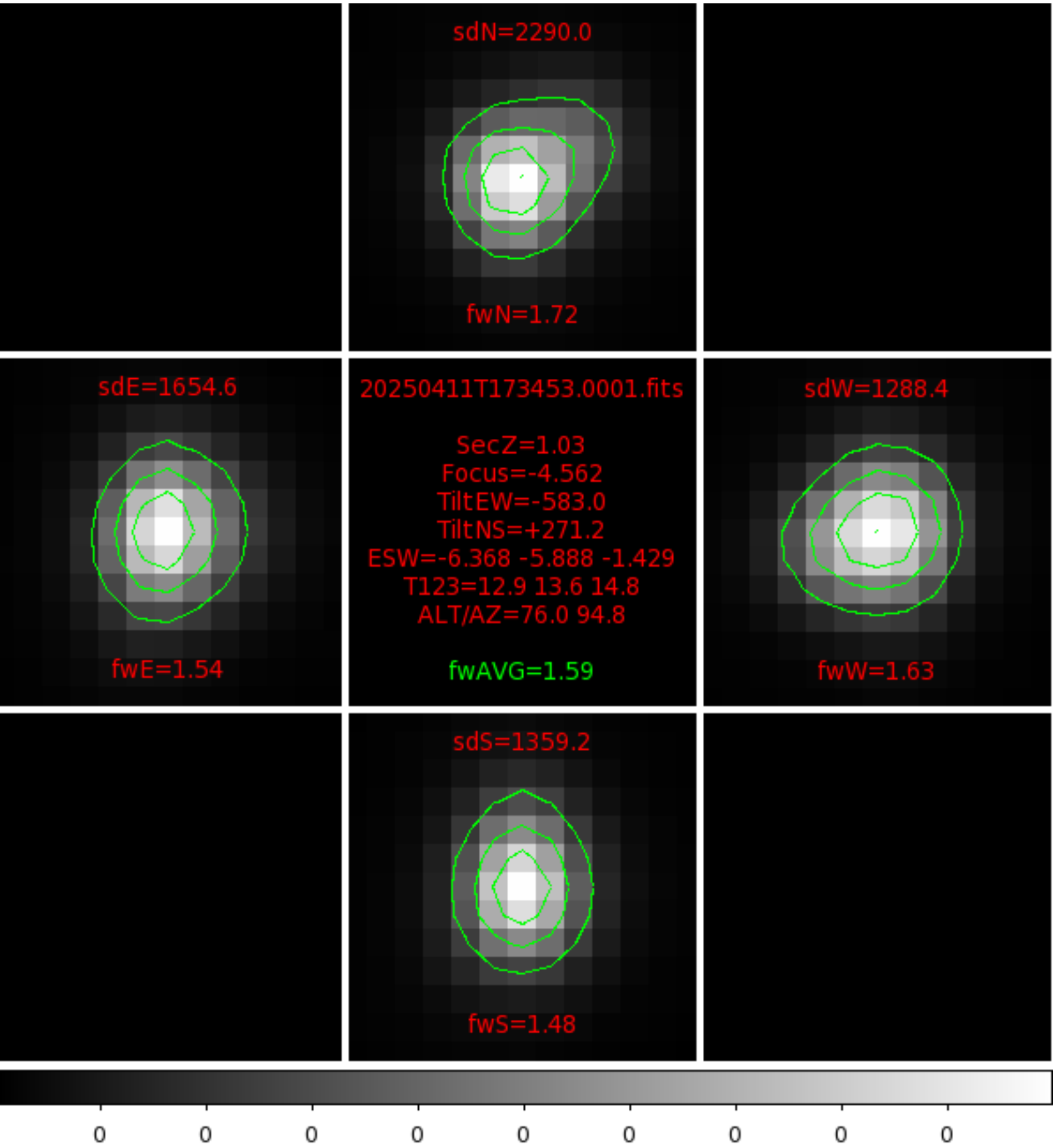
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T123=12.9 13.6 14.8
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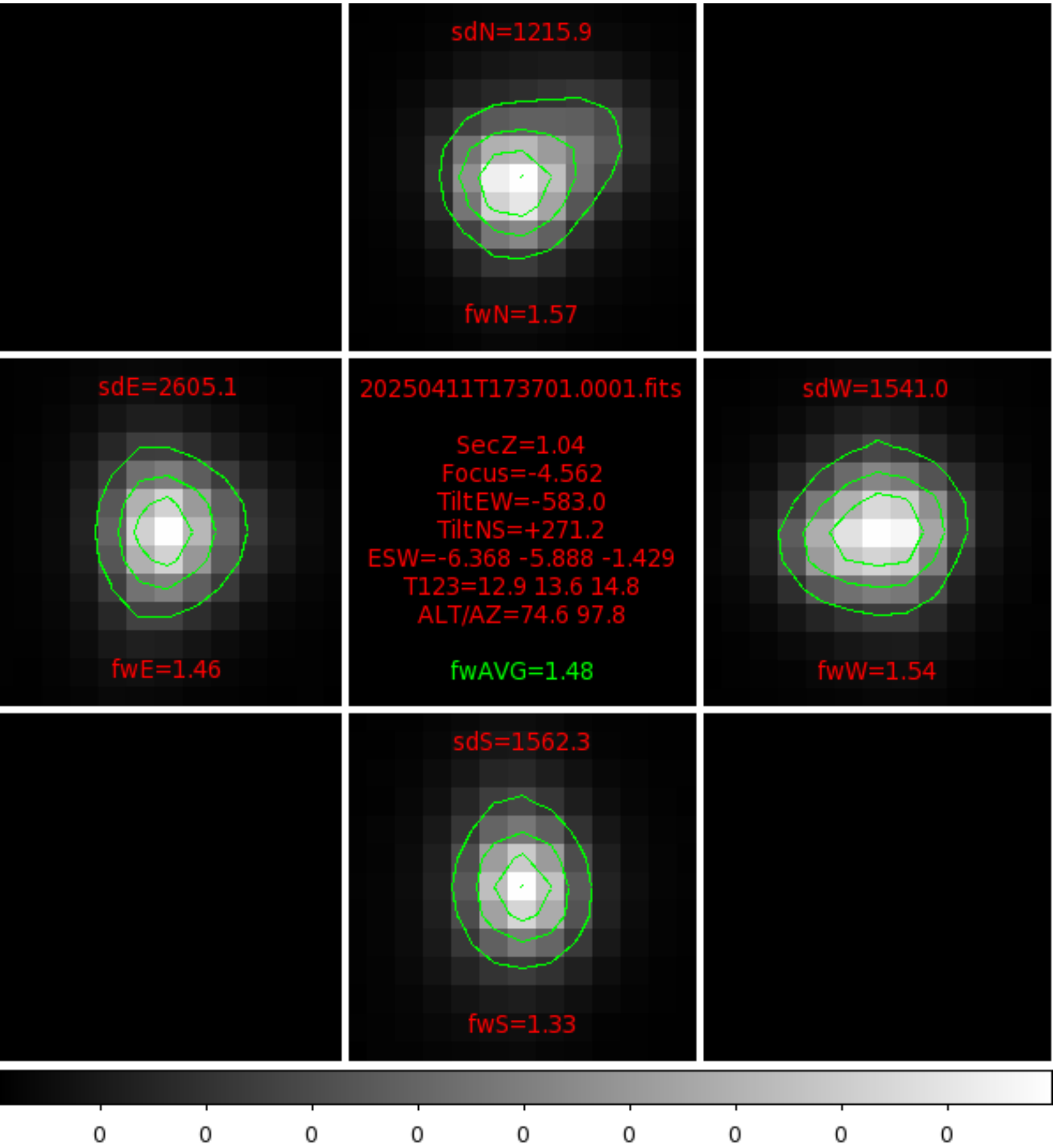
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T123=12.9 13.6 14.8
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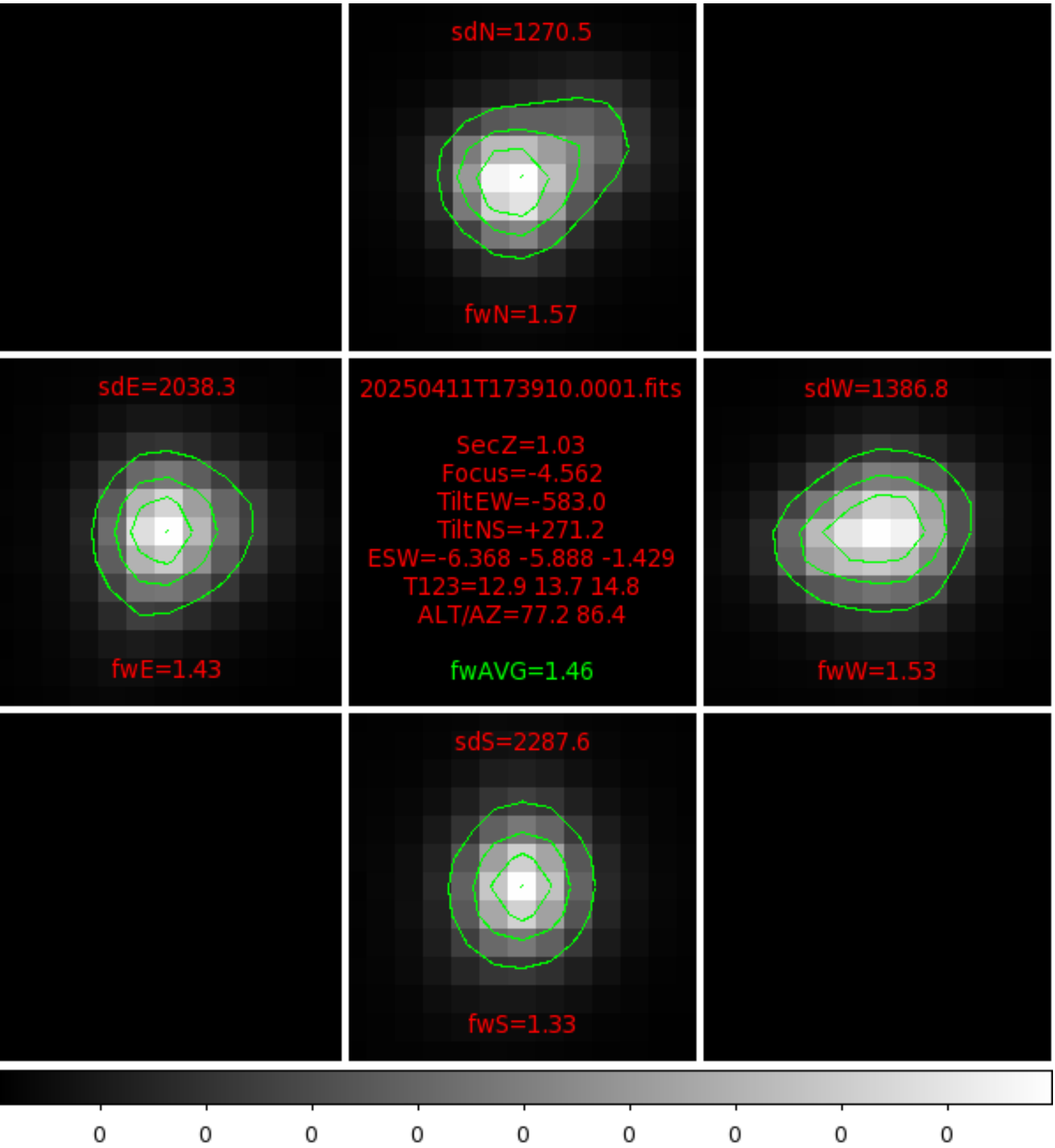
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SecZ=1.03
Focus=-4.562
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.368 -5.888 -1.429
T123=12.9 13.7 14.8
ALT/AZ=77.2 86.4
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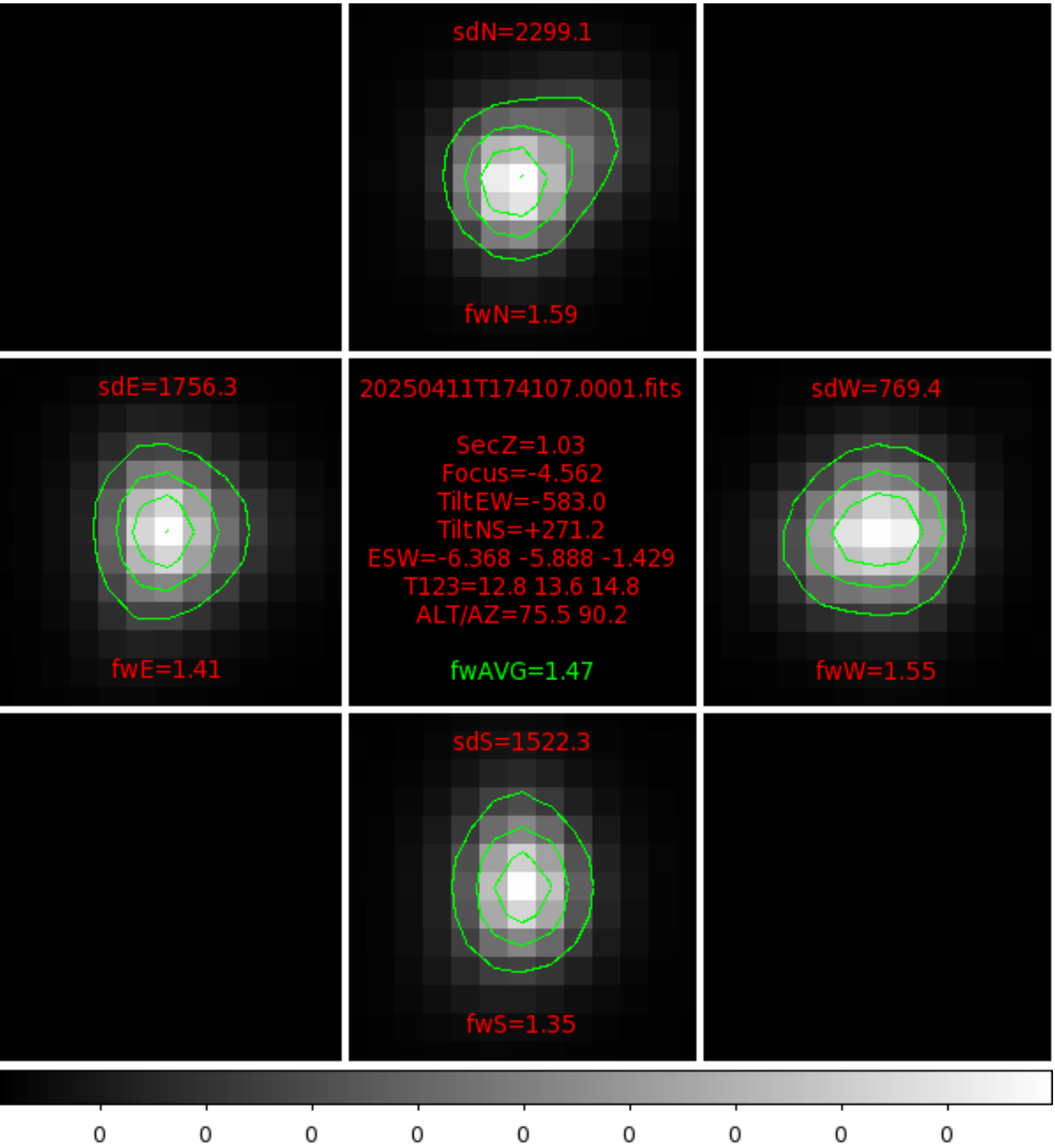
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SecZ=1.03
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.368 -5.888 -1.429
T123=12.8 13.6 14.8
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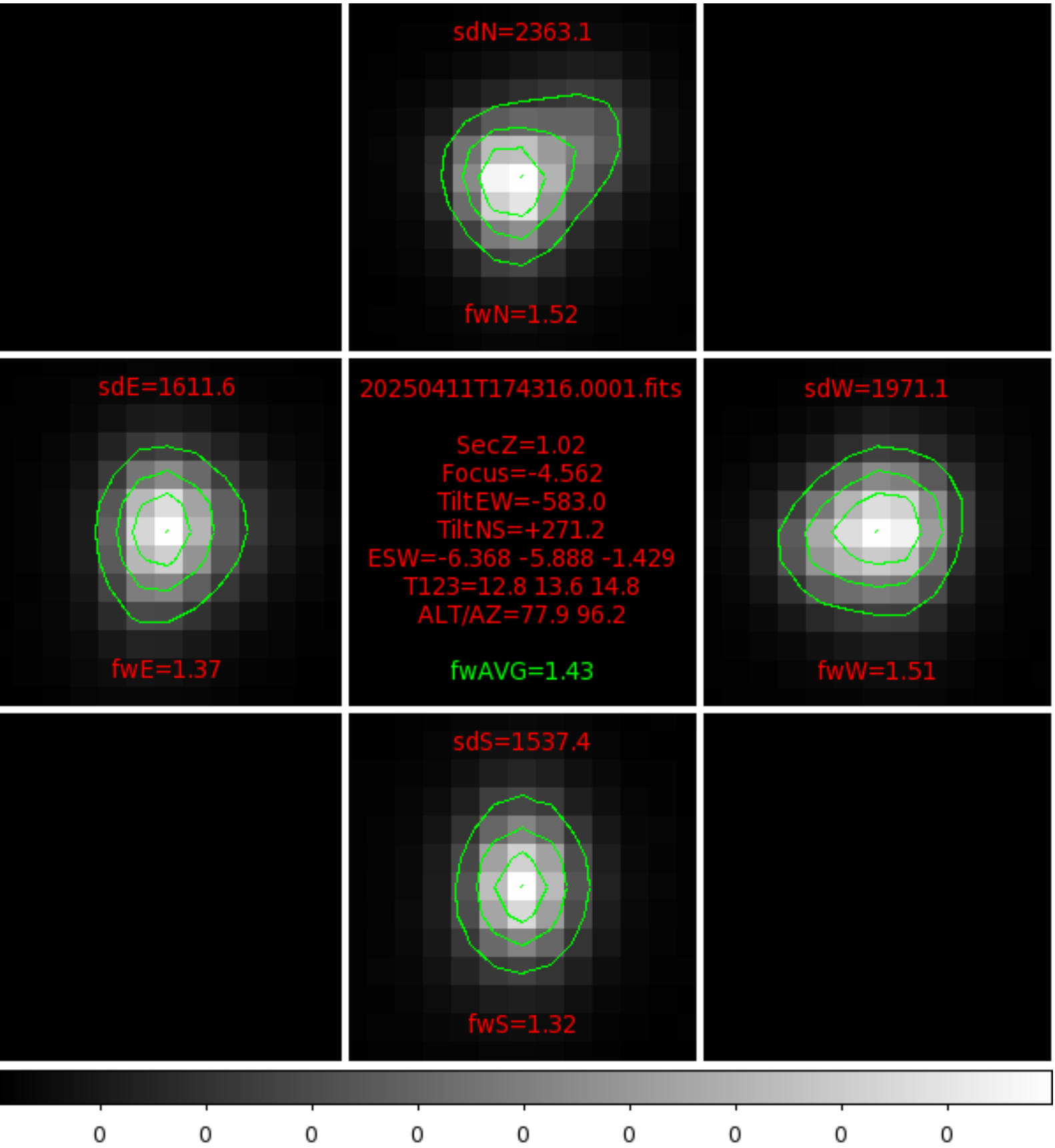
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.368 -5.888 -1.429
T123=12.8 13.6 14.8
ALT/AZ=77.9 96.2
fwAVG=1.43
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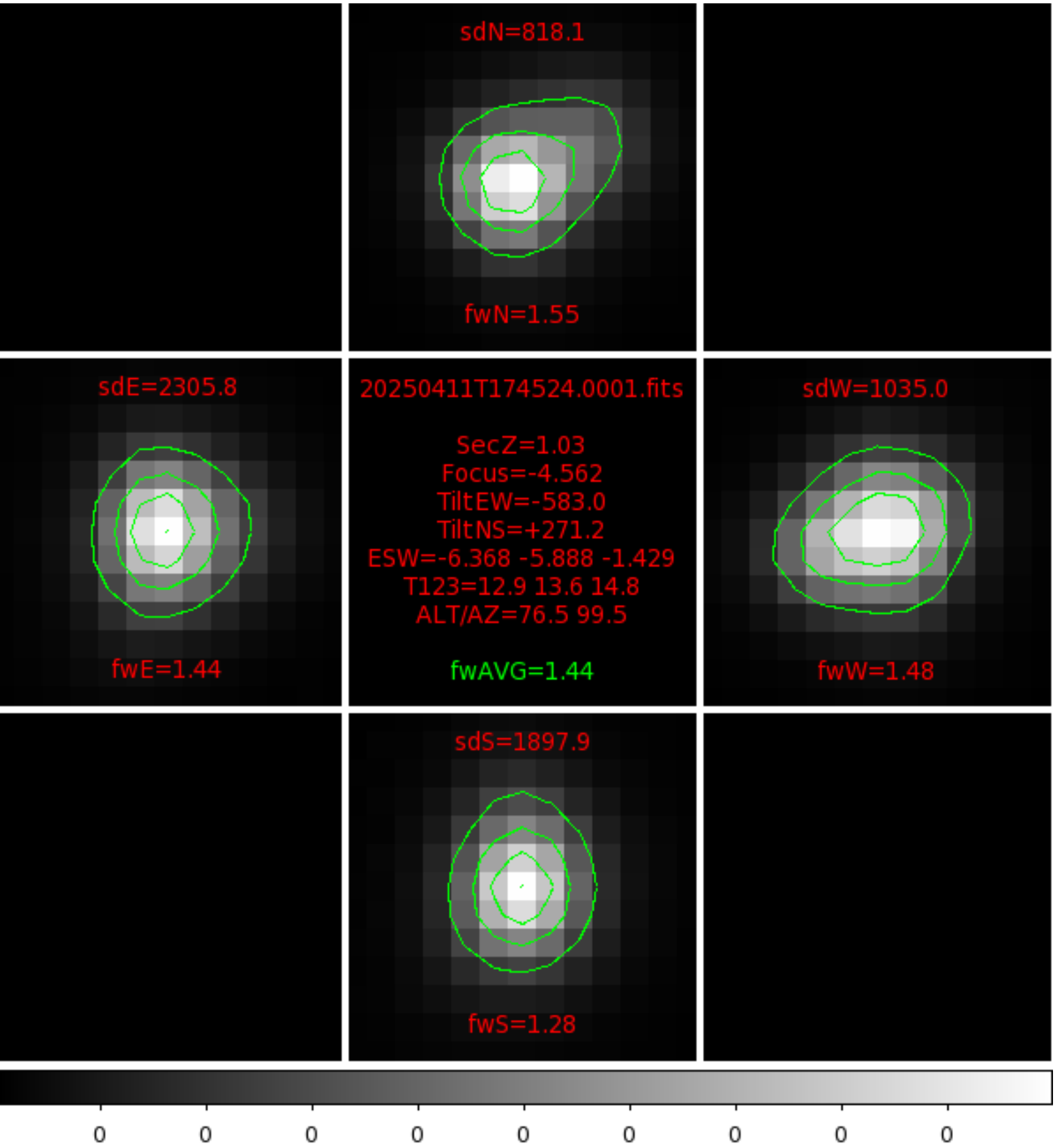
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Focus=-4.562
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.368 -5.888 -1.429
T123=12.9 13.6 14.8
ALT/AZ=76.5 99.5
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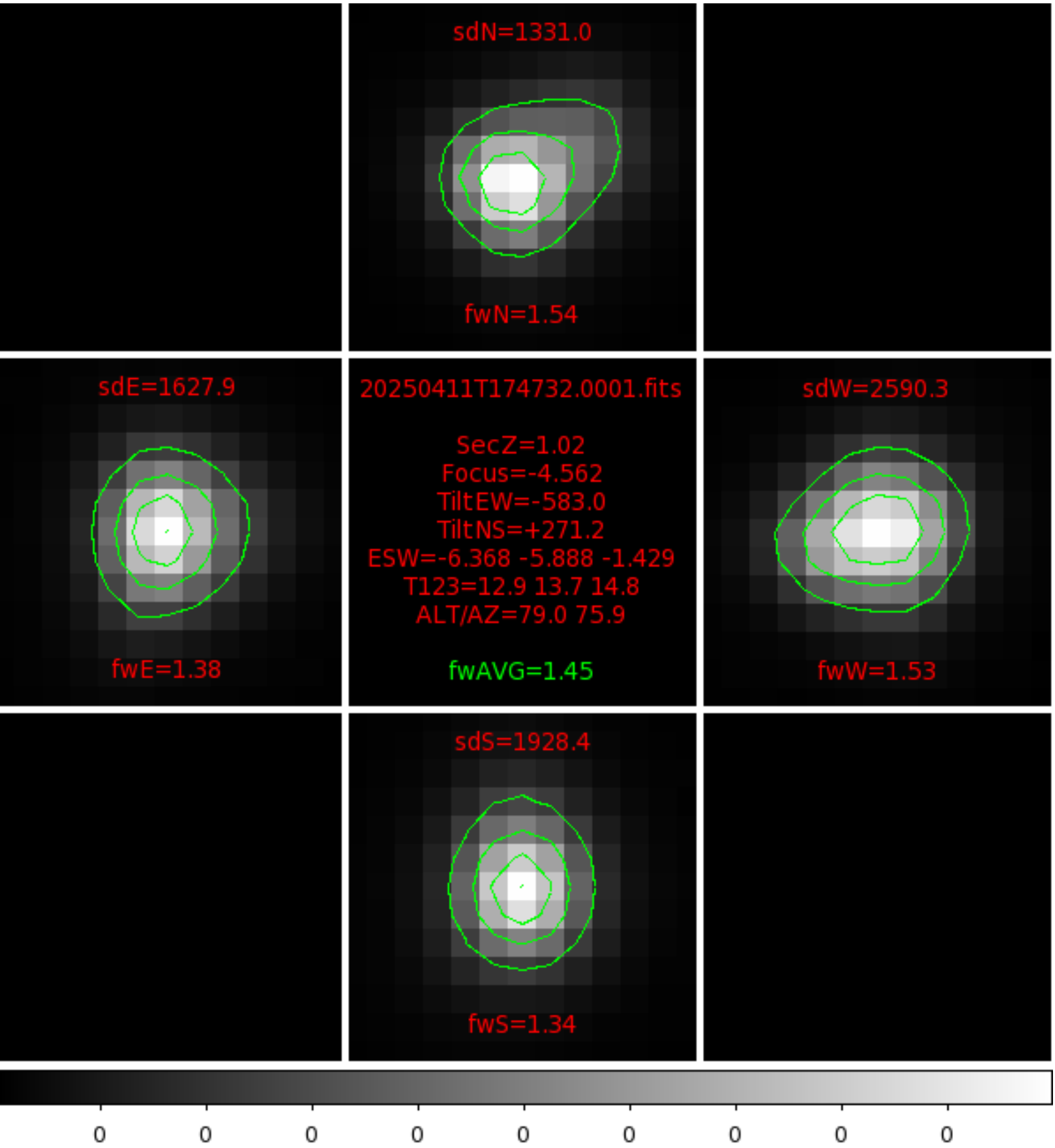
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SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.368 -5.888 -1.429
T123=12.9 13.7 14.8
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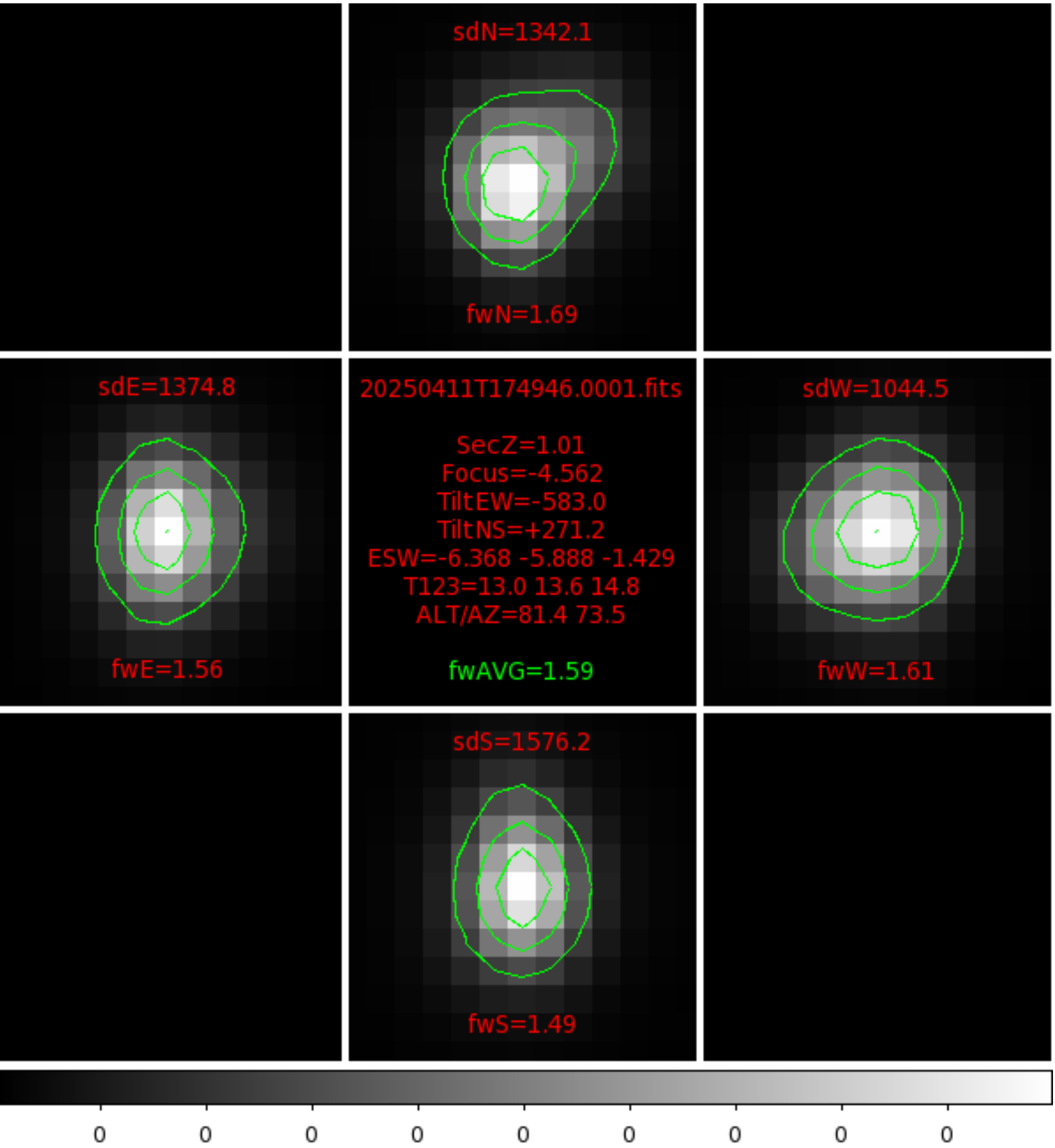
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TiltNS=+271.2
ESW=-6.368 -5.888 -1.429
T123=13.0 13.6 14.8
ALT/AZ=81.4 73.5
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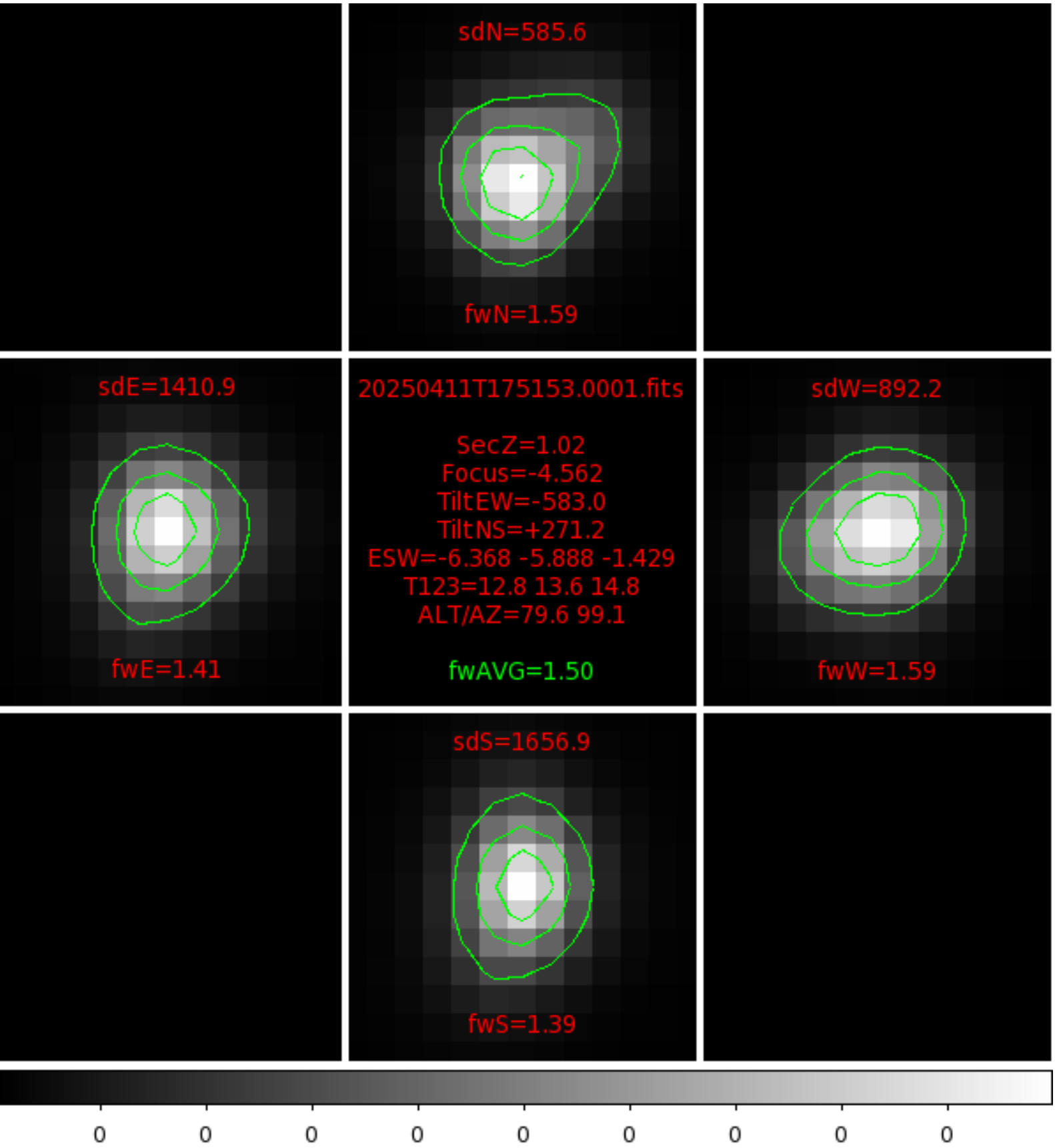
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SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.368 -5.888 -1.429
T123=12.8 13.6 14.8
ALT/AZ=79.6 99.1
fwAVG=1.50
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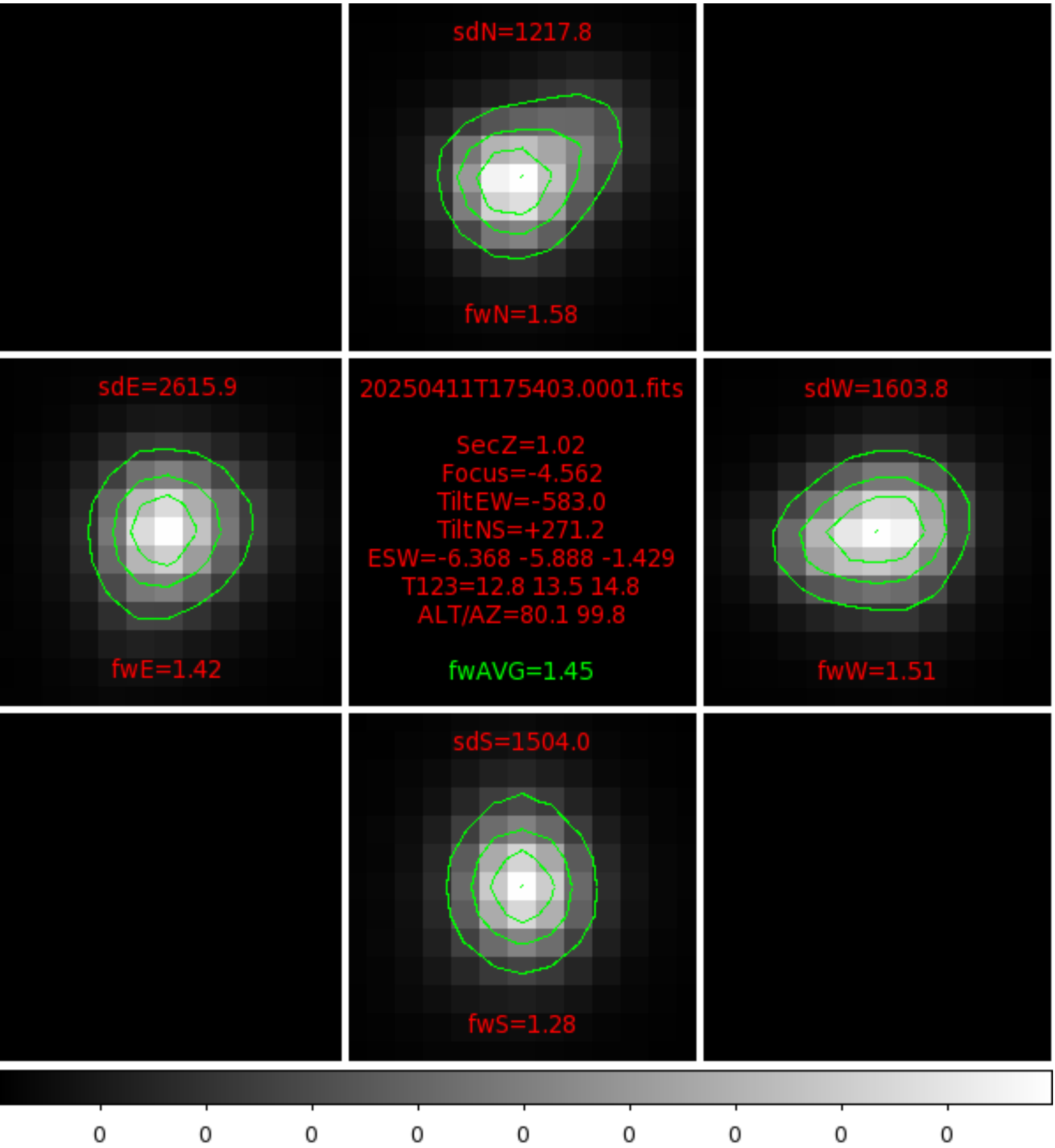
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SecZ=1.02
Focus=-4.562
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.368 -5.888 -1.429
T123=12.8 13.5 14.8
ALT/AZ=80.1 99.8
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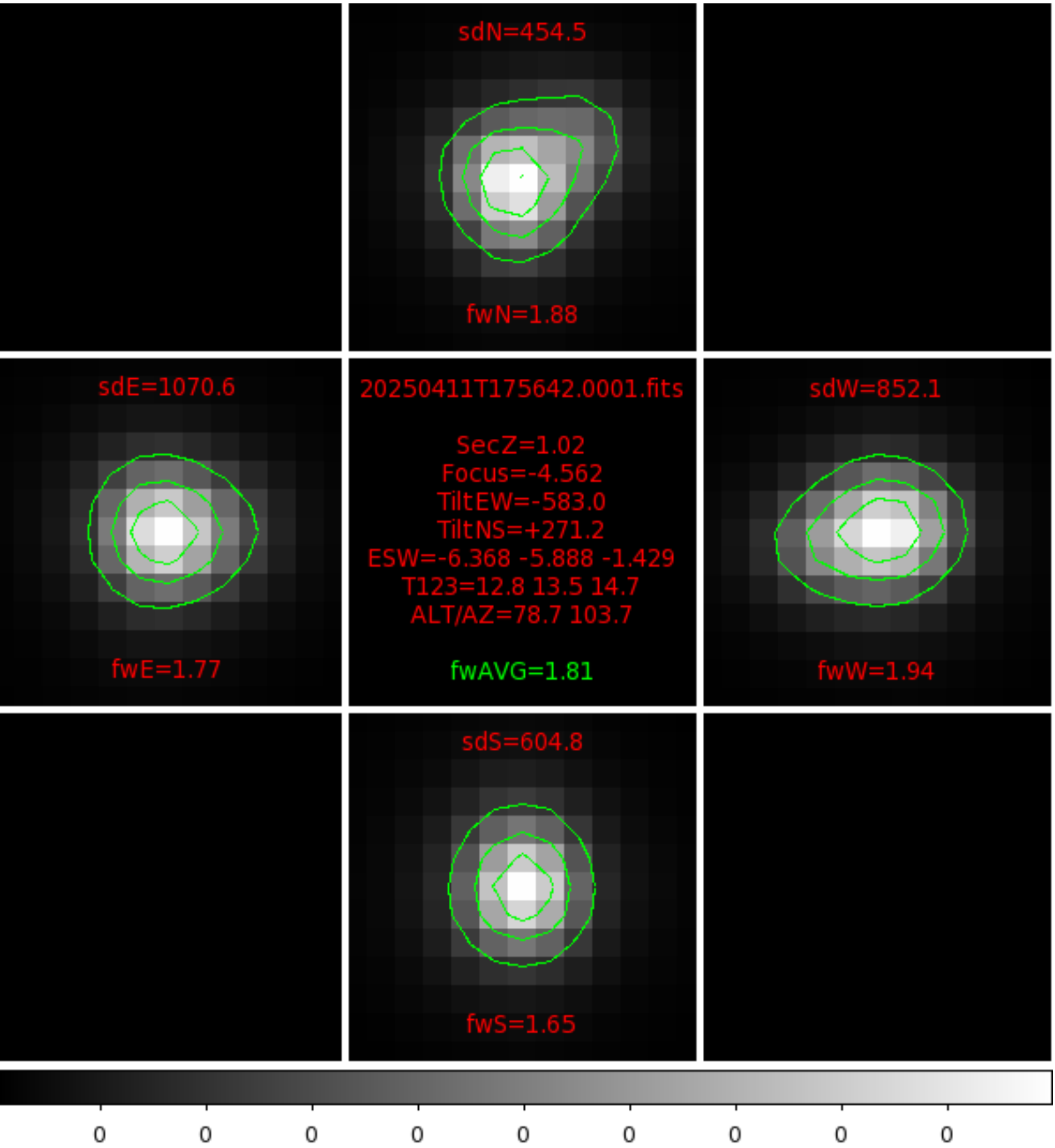
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SecZ=1.02
Focus=-4.562
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.368 -5.888 -1.429
T123=12.8 13.5 14.7
ALT/AZ=78.7 103.7
fwAVG=1.81
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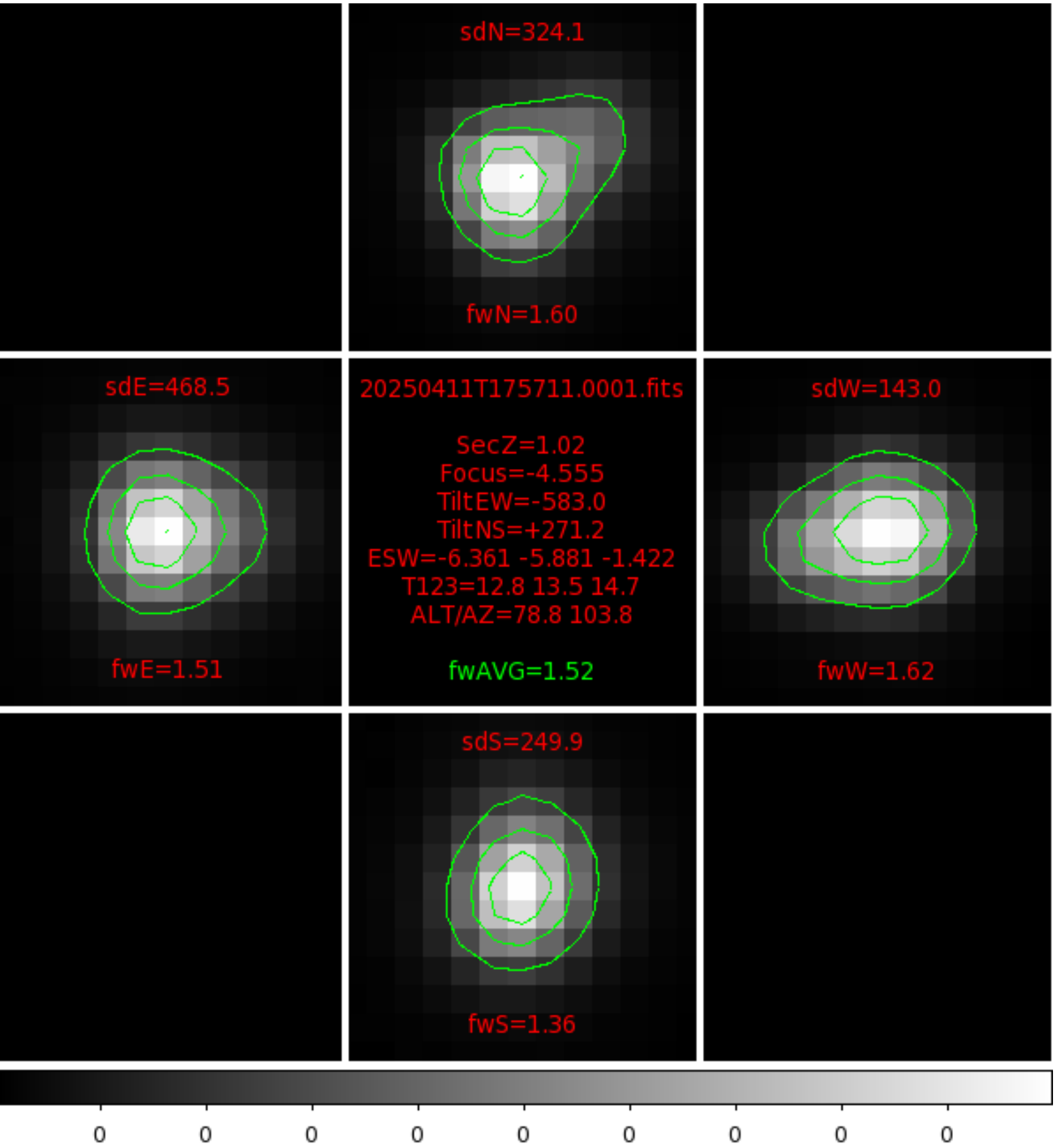
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SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=12.8 13.5 14.7
ALT/AZ=78.8 103.8
fwAVG=1.52
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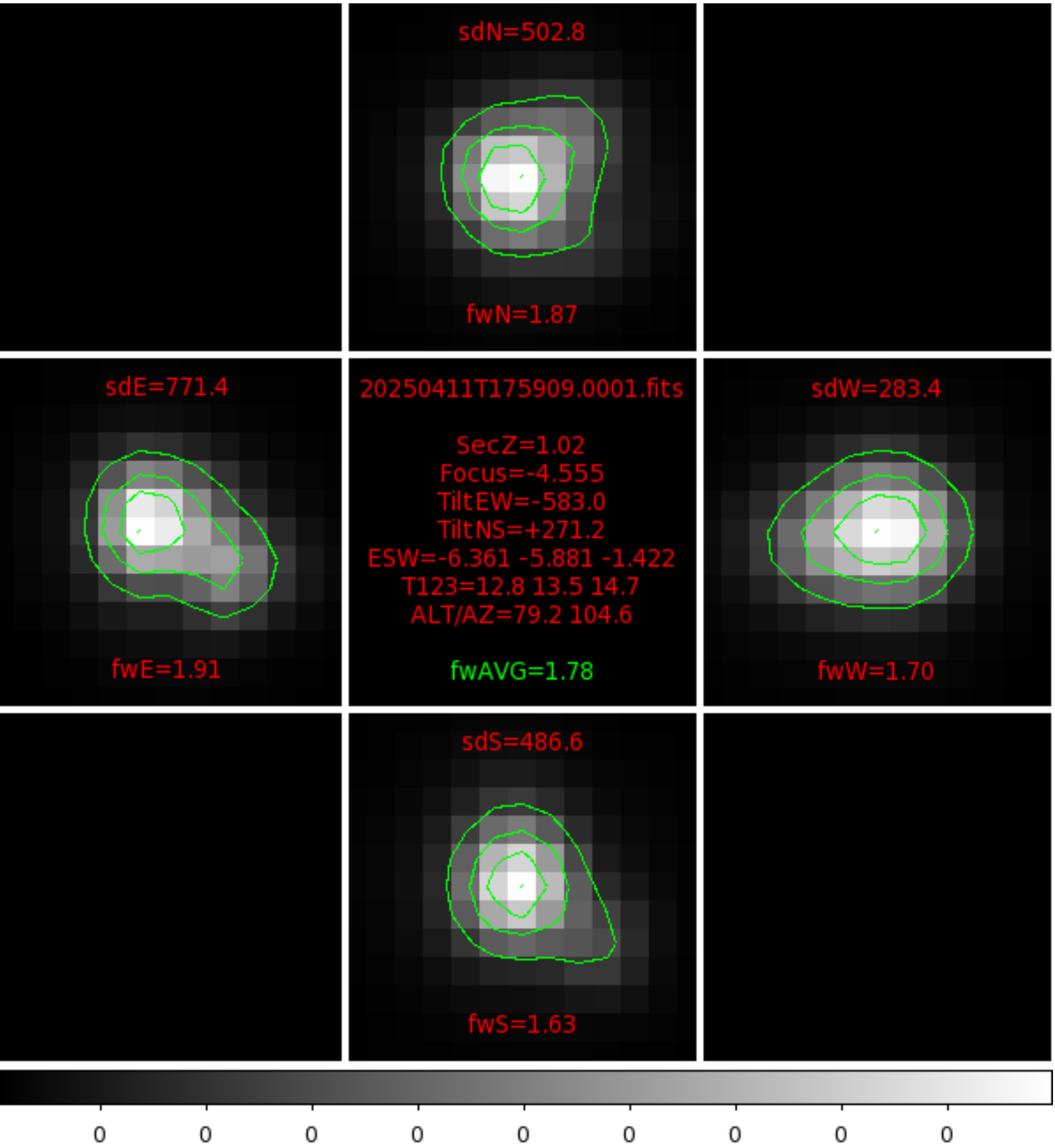
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TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=12.8 13.5 14.7
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fwAVG=1.78
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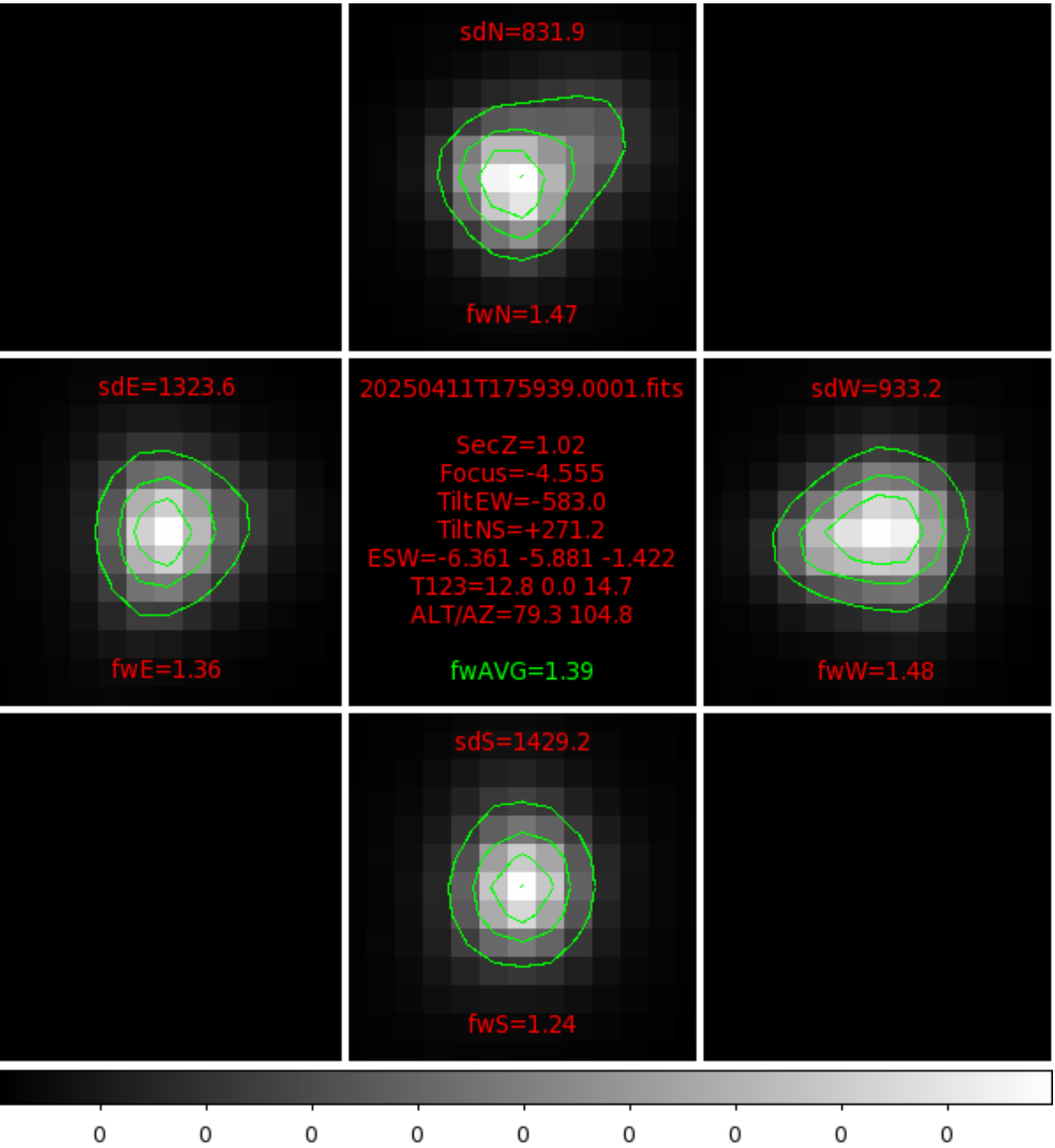
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SecZ=1.02
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TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=12.8 0.0 14.7
ALT/AZ=79.3 104.8
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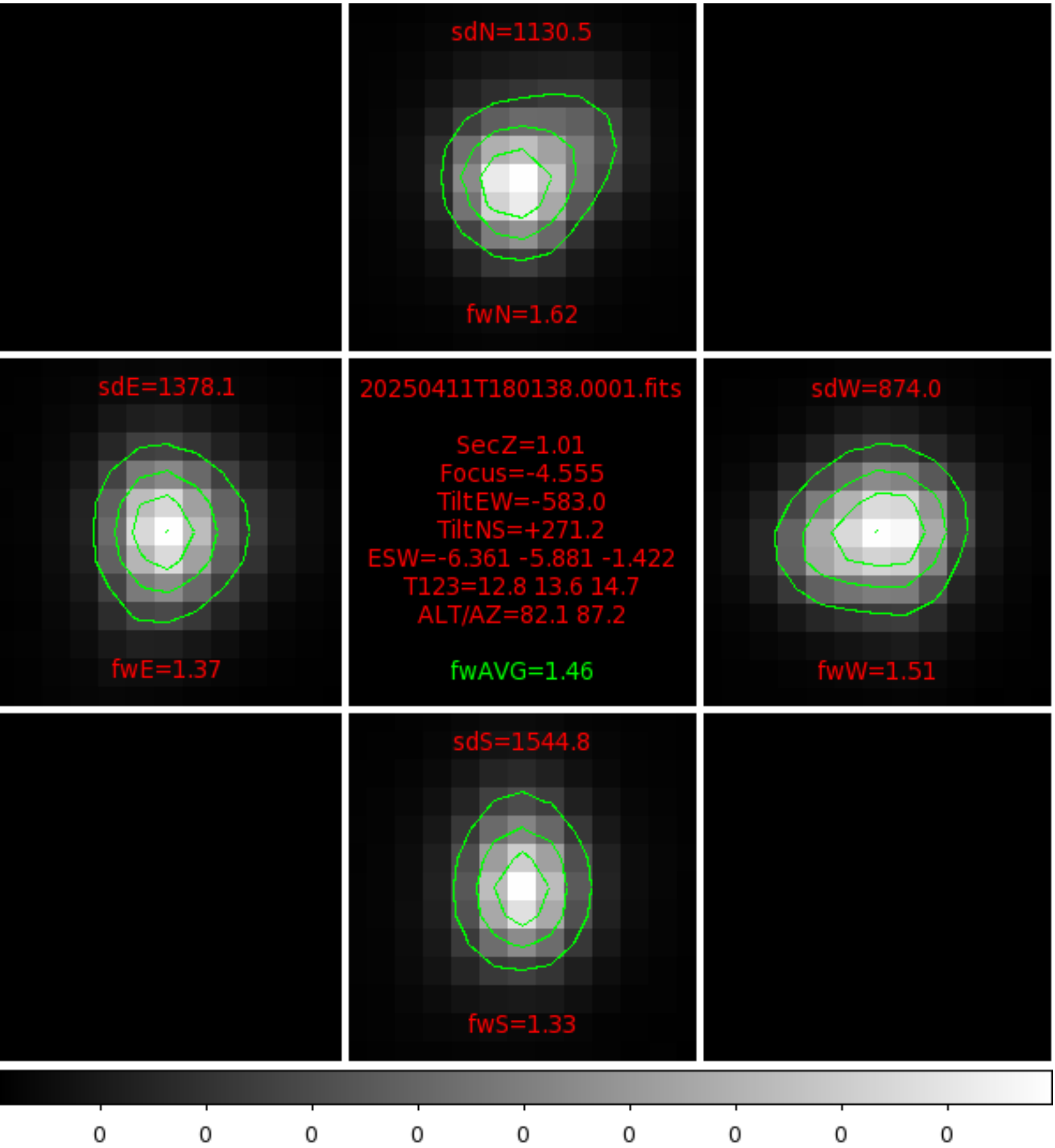
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SecZ=1.01
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TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=12.8 13.6 14.7
ALT/AZ=82.1 87.2
fwAVG=1.46
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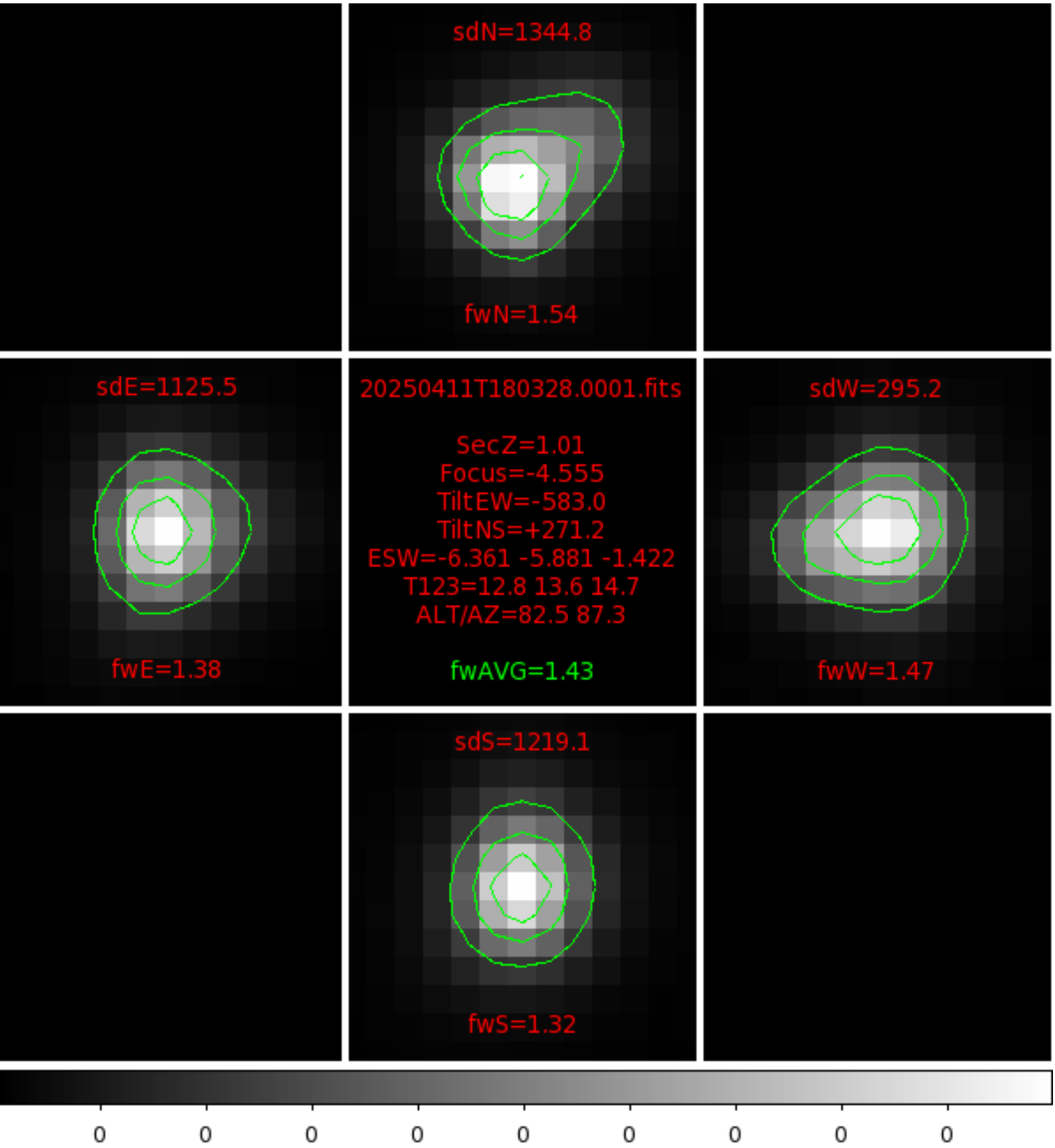
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=12.8 13.6 14.7
ALT/AZ=82.5 87.3
fwAVG=1.43
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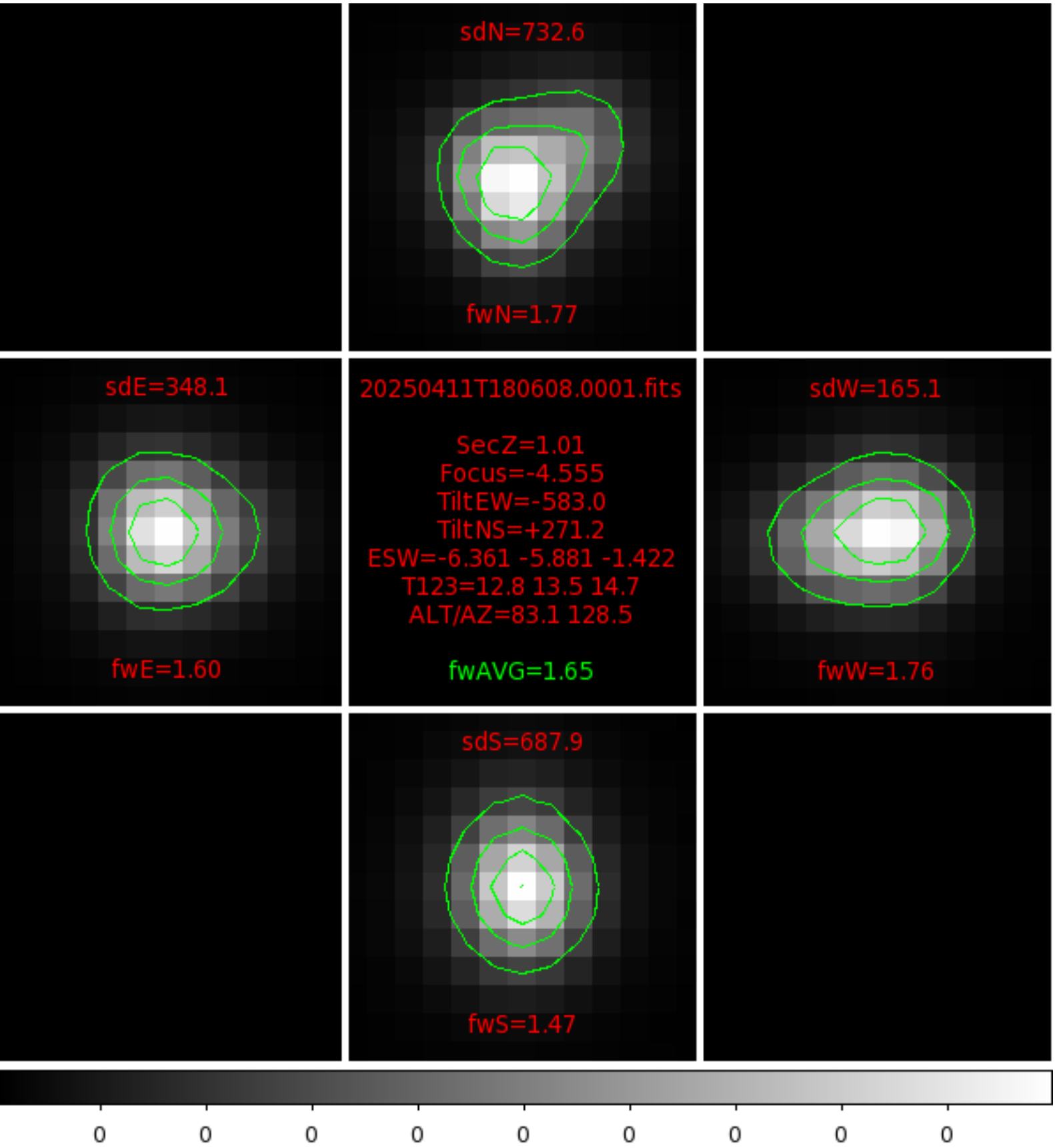
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SecZ=1.01
Focus=-4.555
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TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=12.8 13.5 14.7
ALT/AZ=83.1 128.5
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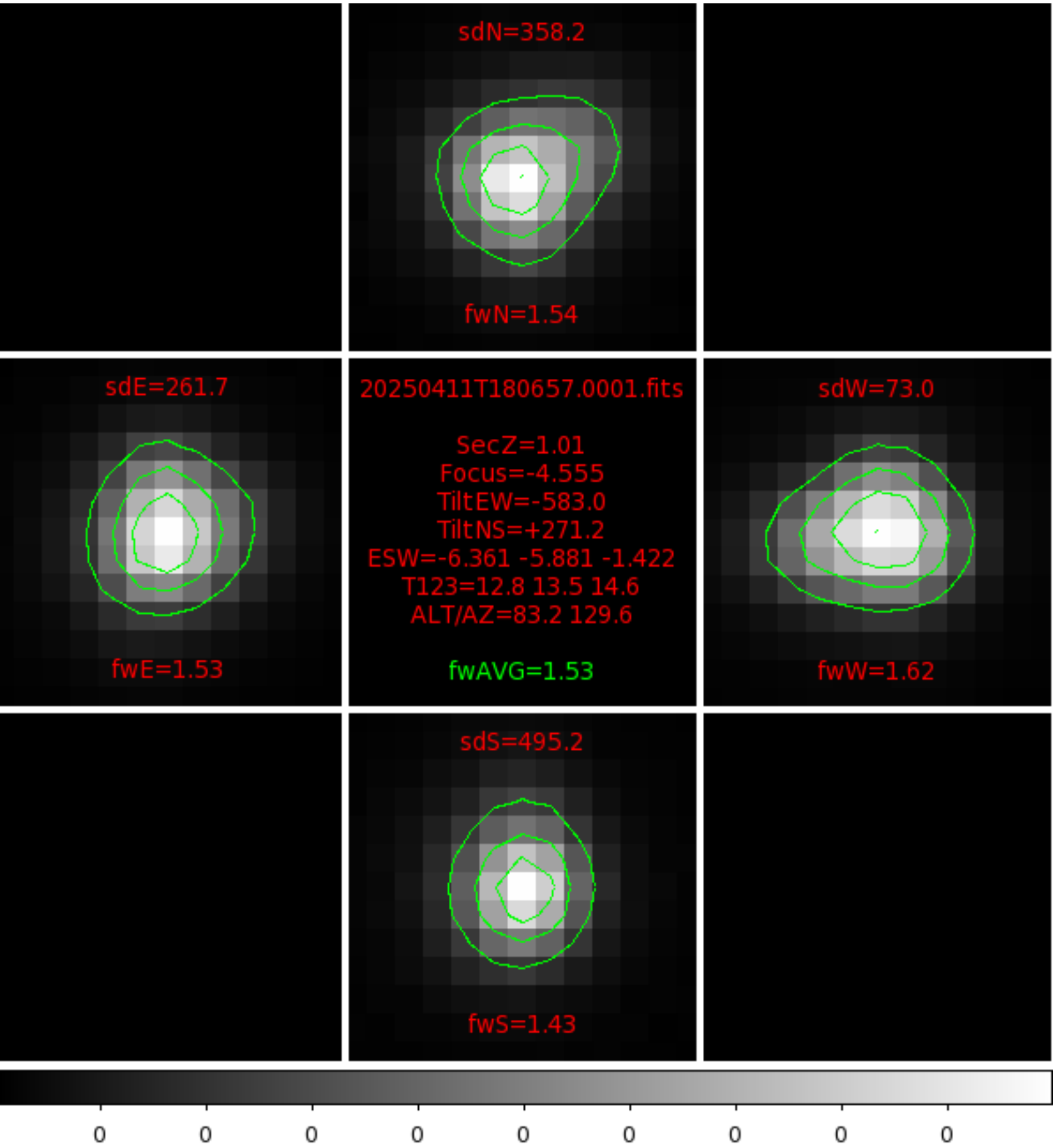
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.361 -5.881 -1.422
T123=12.8 13.5 14.6
ALT/AZ=83.2 129.6
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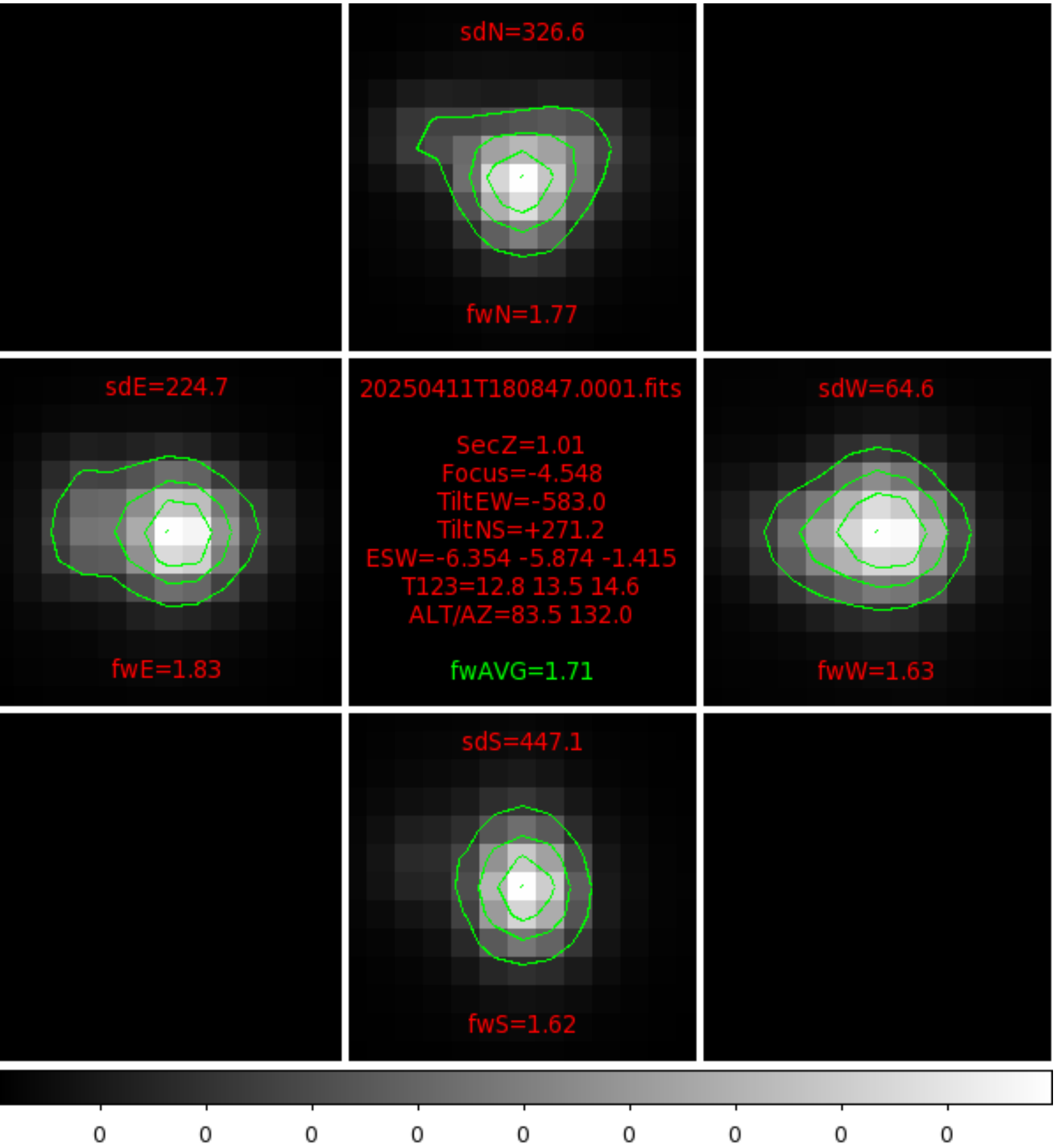
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SecZ=1.01
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.354 -5.874 -1.415
T123=12.8 13.5 14.6
ALT/AZ=83.5 132.0
fwAVG=1.71
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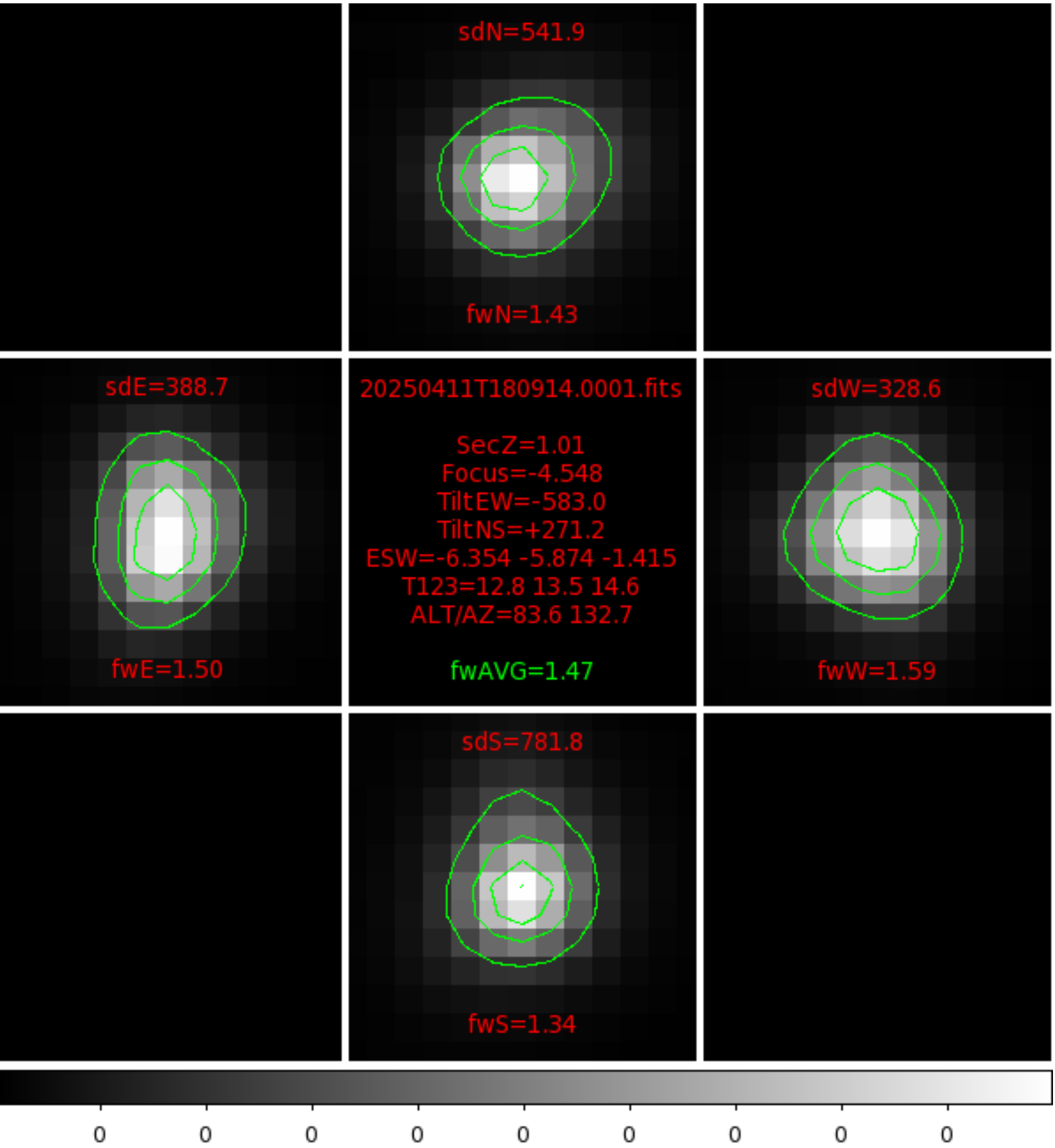
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SecZ=1.01
Focus=-4.548
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.354 -5.874 -1.415
T123=12.8 13.5 14.6
ALT/AZ=83.6 132.7
fwAVG=1.47
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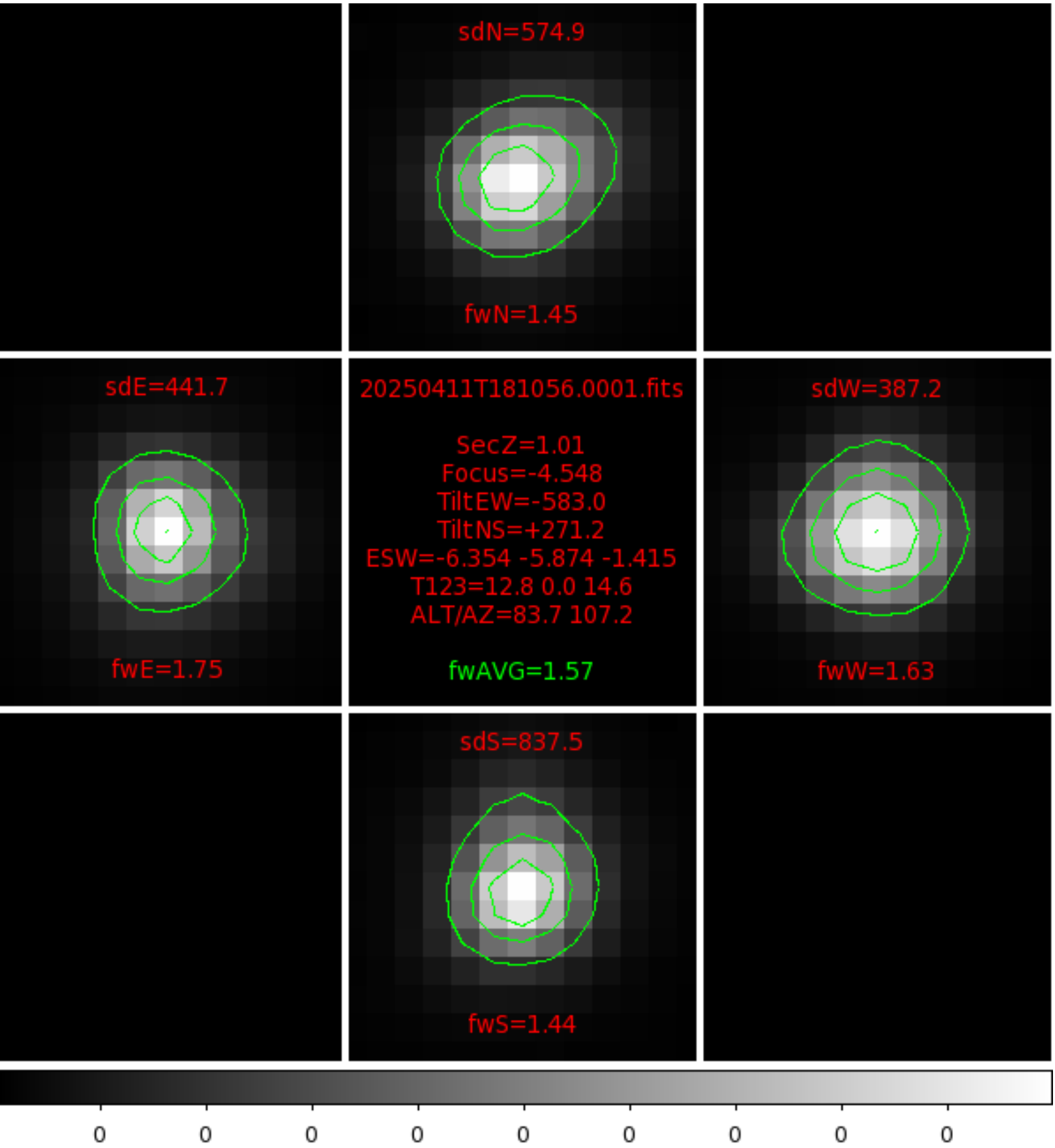
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TiltNS=+271.2
ESW=-6.354 -5.874 -1.415
T123=12.8 0.0 14.6
ALT/AZ=83.7 107.2
fwAVG=1.57
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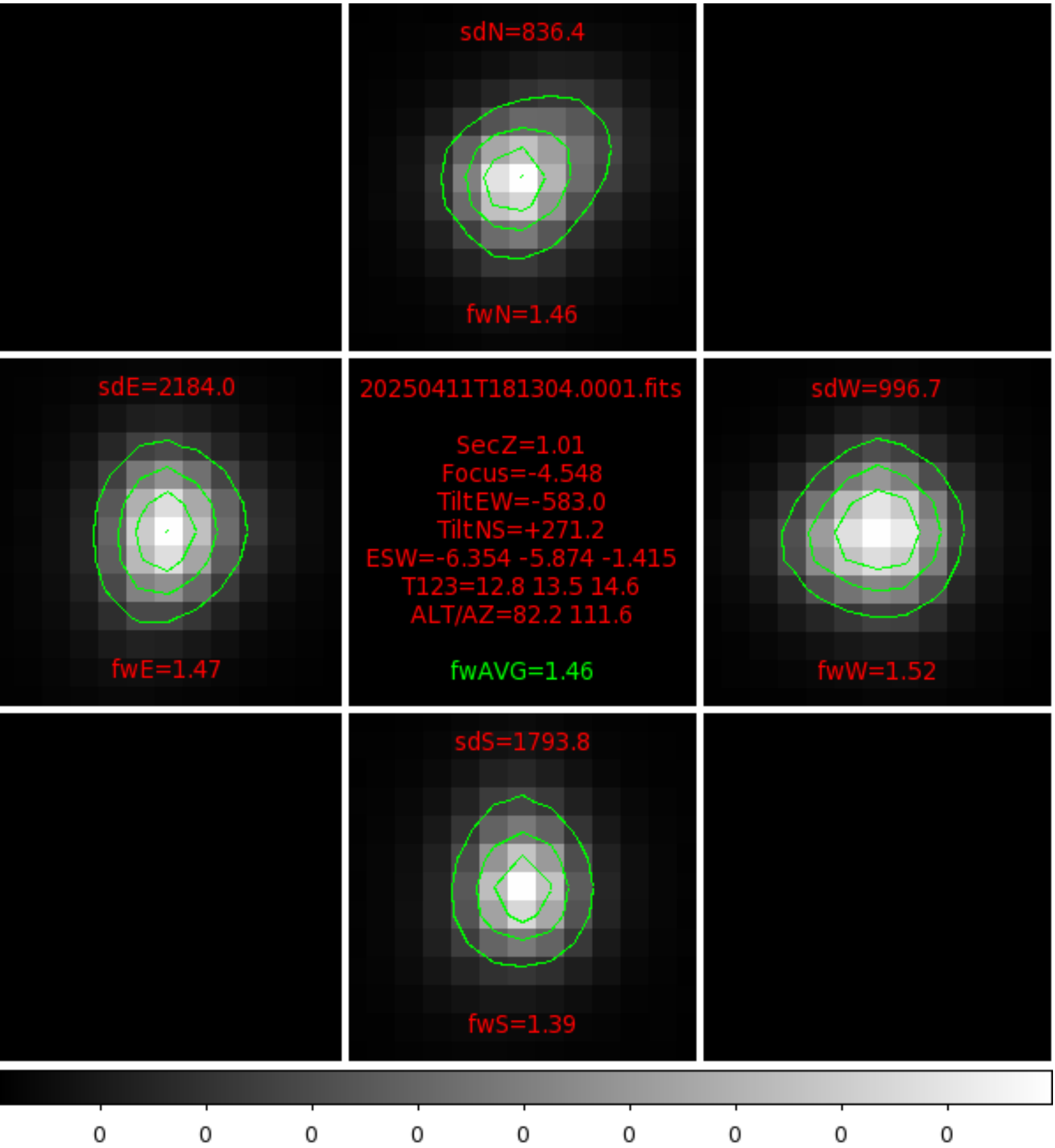
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SecZ=1.01
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TiltNS=+271.2
ESW=-6.354 -5.874 -1.415
T123=12.8 13.5 14.6
ALT/AZ=82.2 111.6
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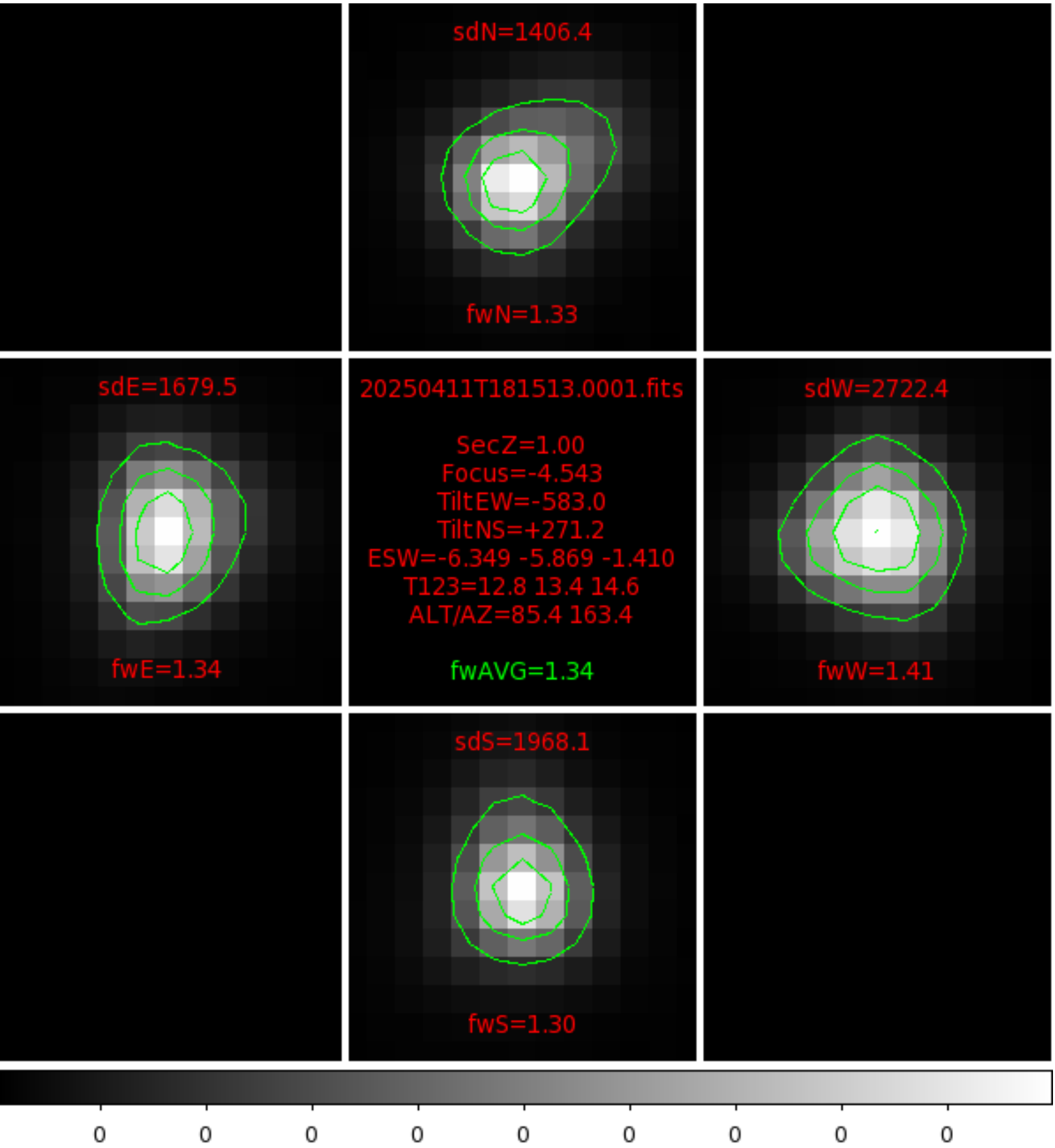
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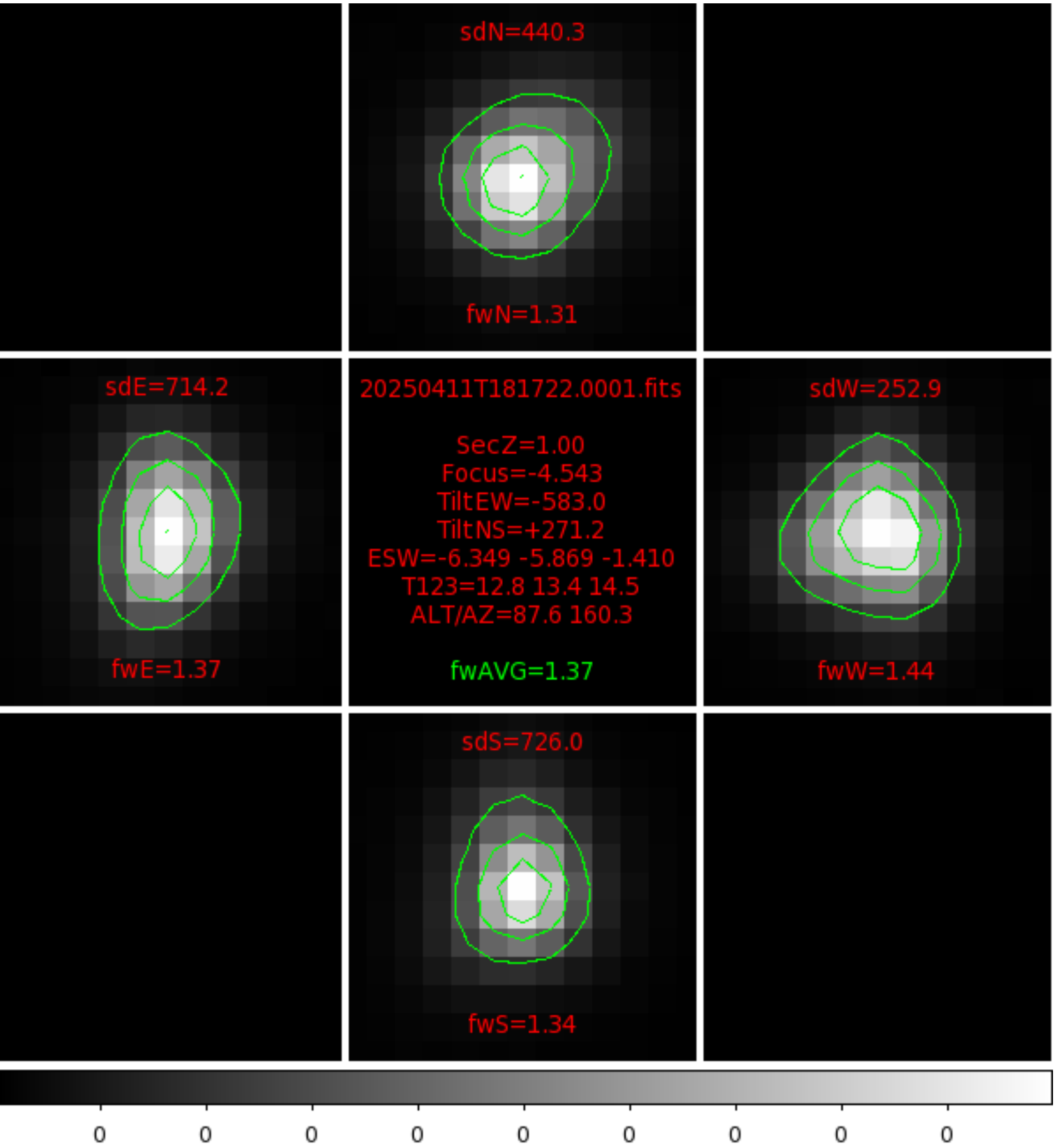
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T123=12.8 13.4 14.5
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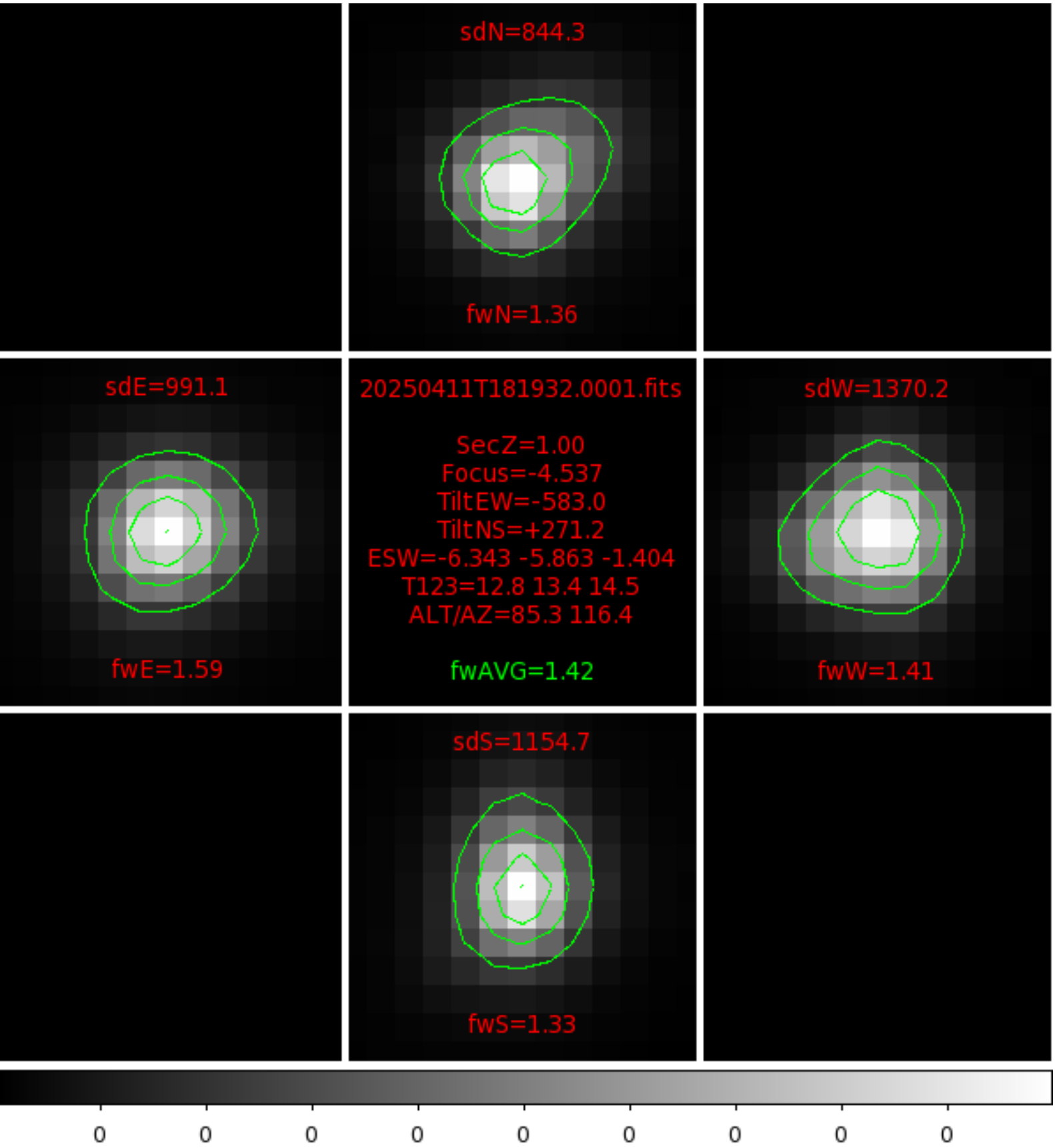
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T123=12.8 13.4 14.5
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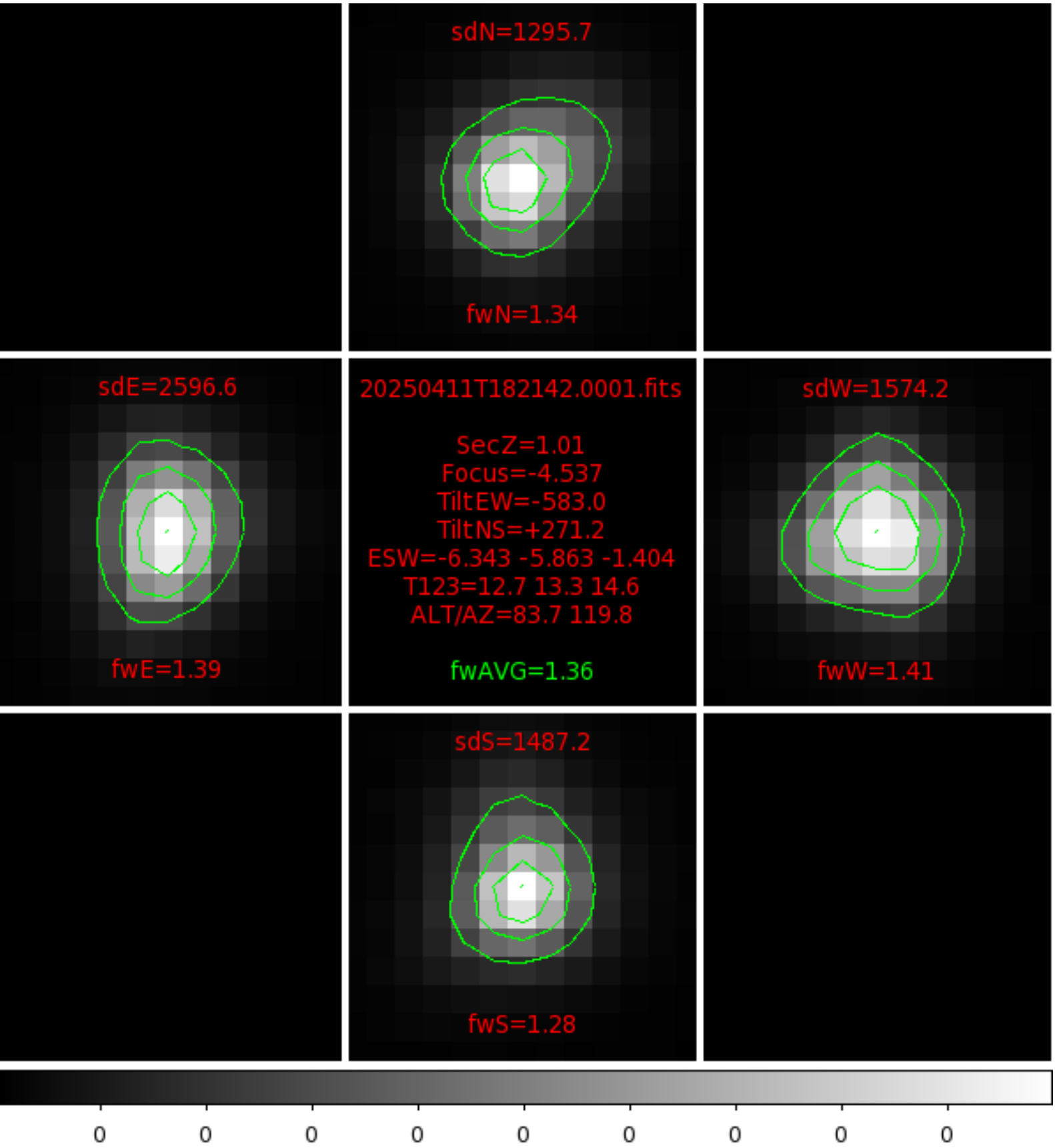
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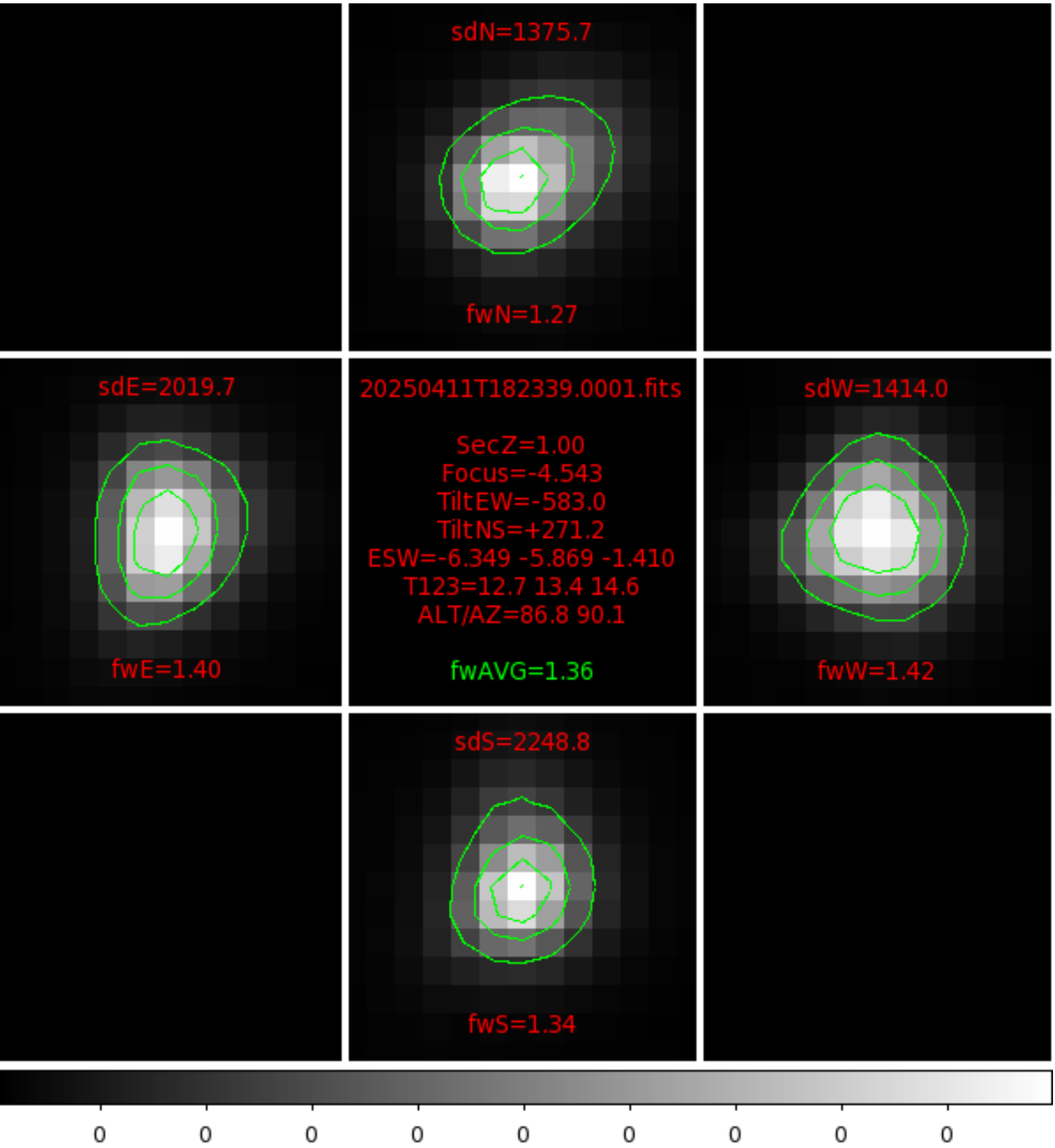
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T123=12.7 13.4 14.6
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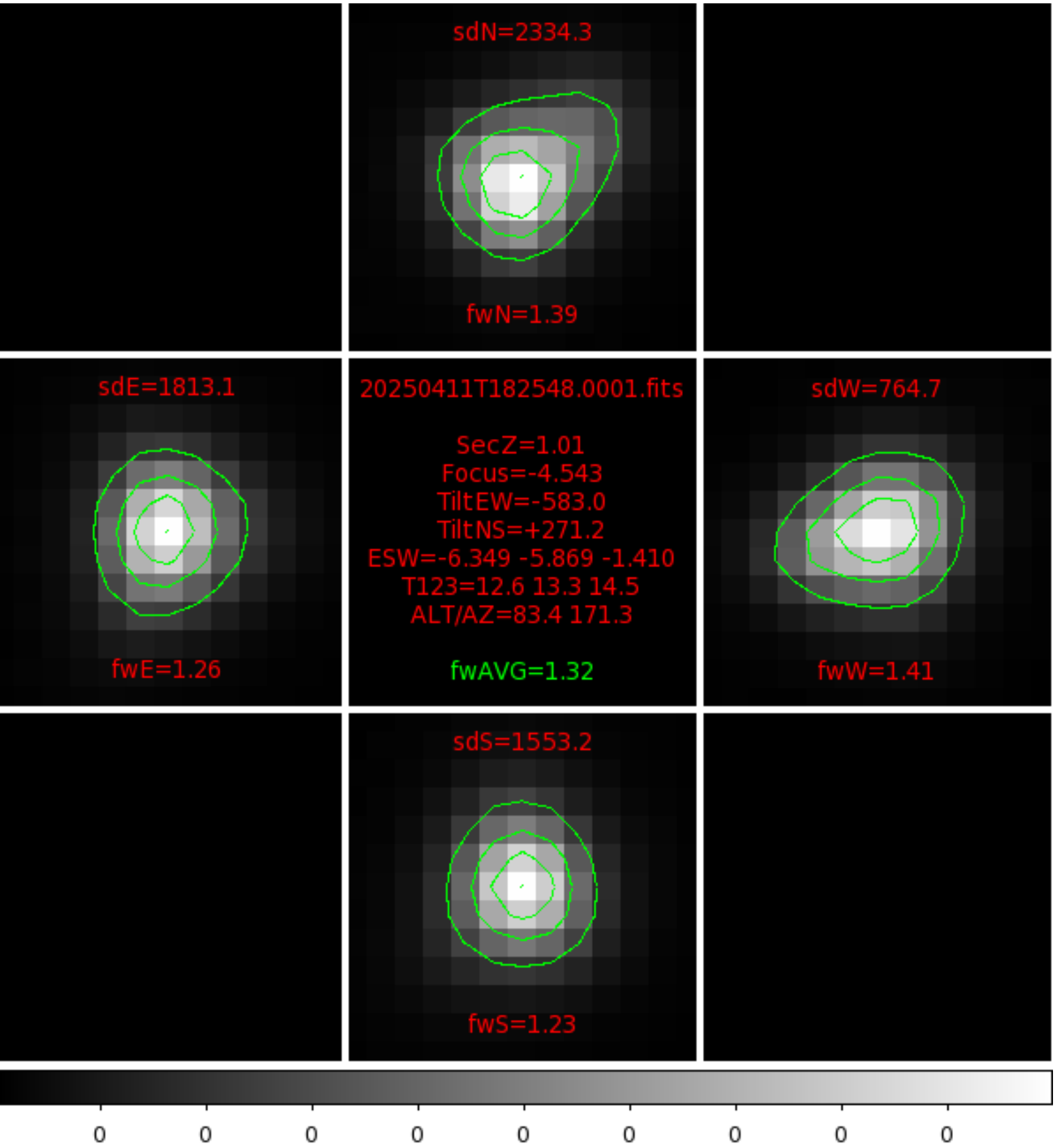
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.349 -5.869 -1.410
T123=12.6 13.3 14.5
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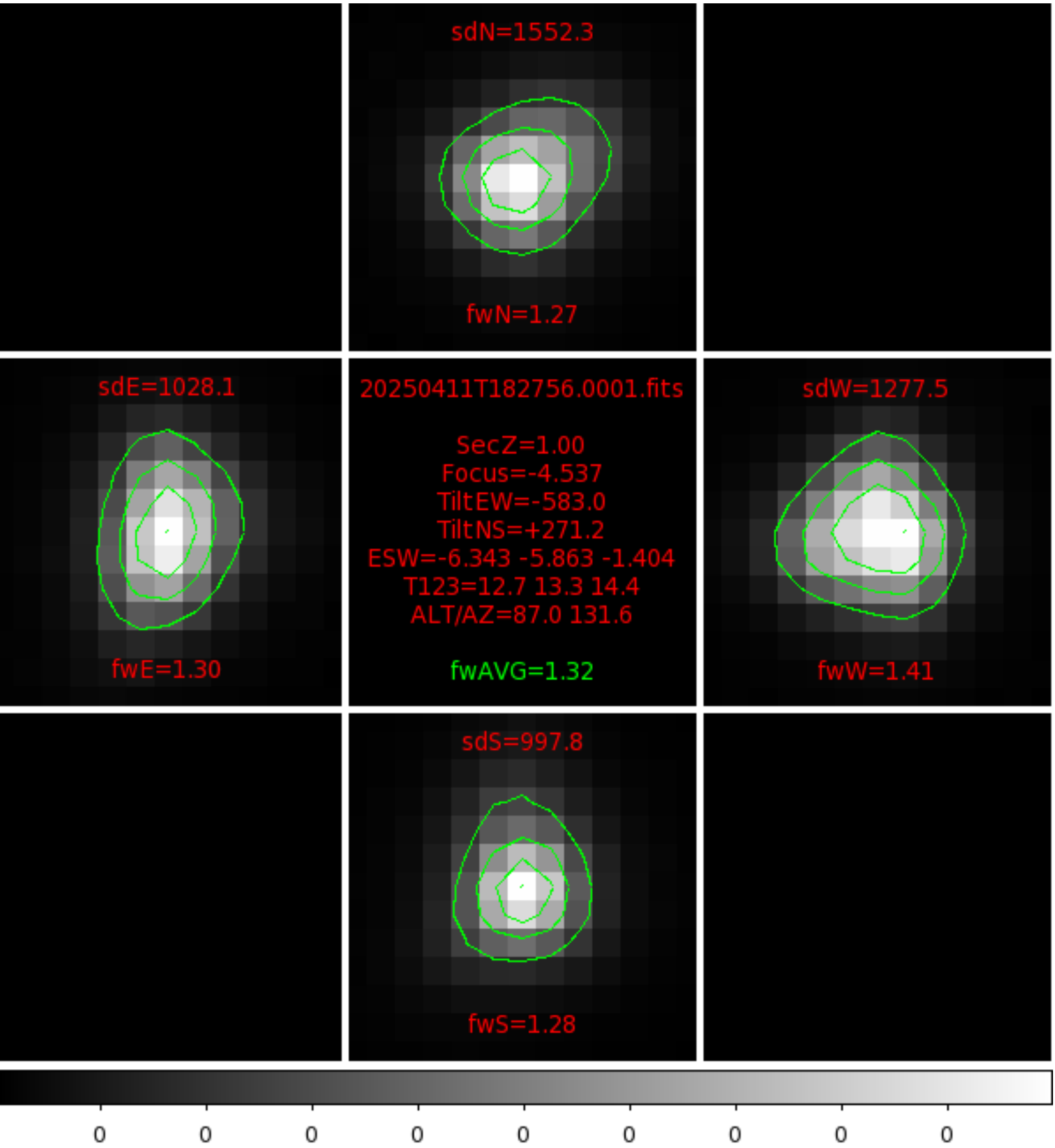
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SecZ=1.00
Focus=-4.537
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.343 -5.863 -1.404
T123=12.7 13.3 14.4
ALT/AZ=87.0 131.6
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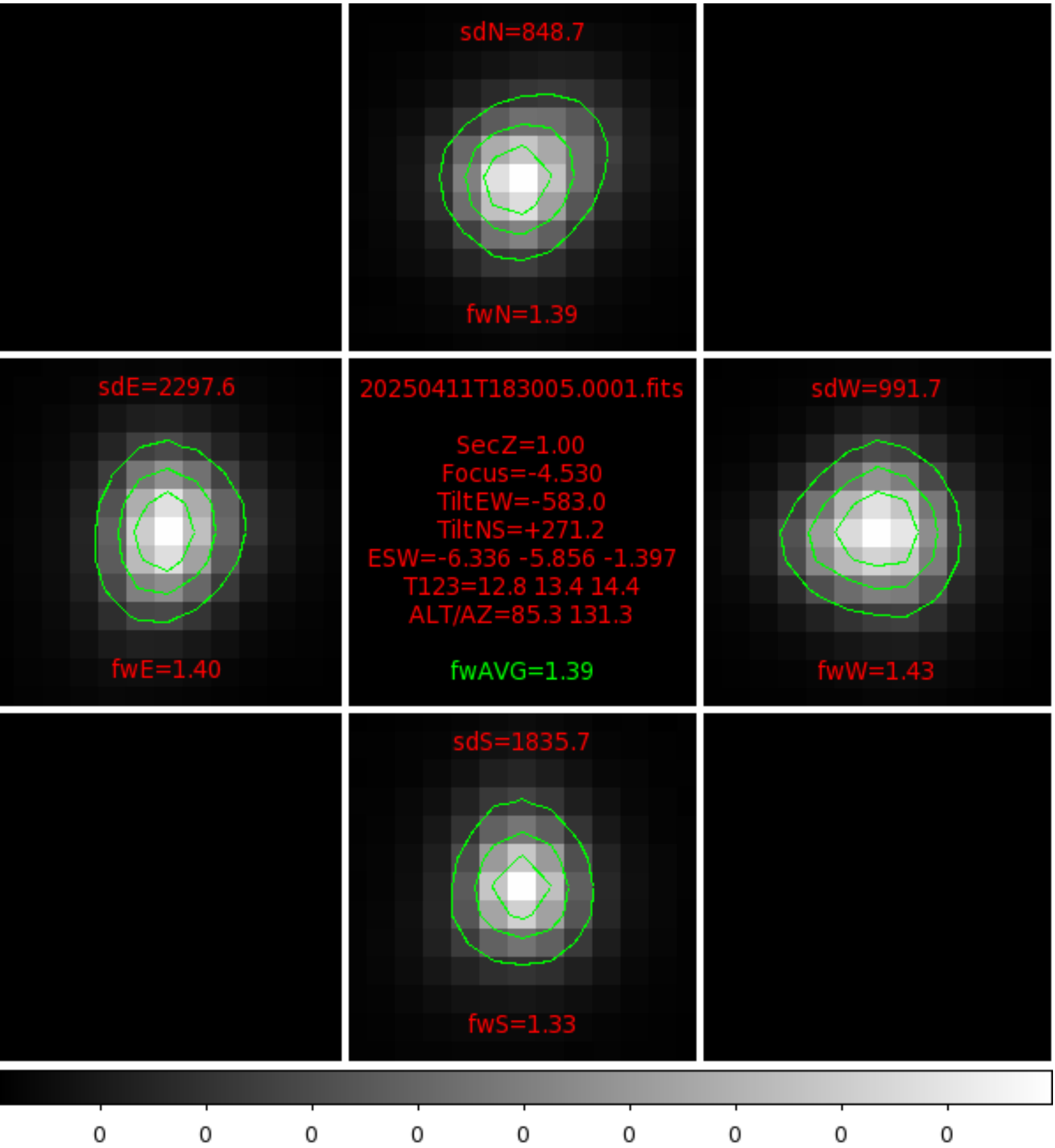
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.8 13.4 14.4
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fwAVG=1.39
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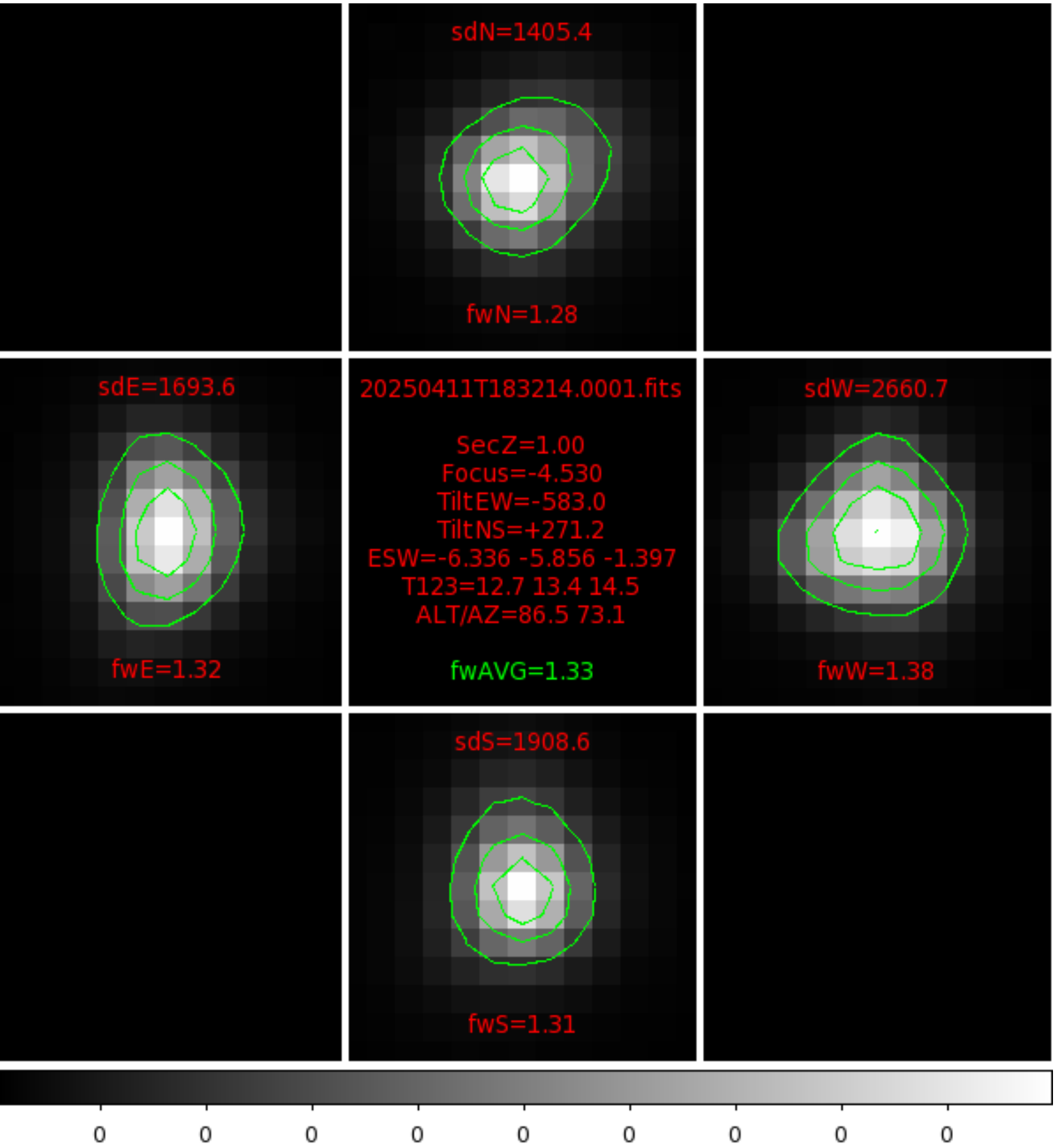
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sdE=1693.6
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SecZ=1.00
Focus=-4.530
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.7 13.4 14.5
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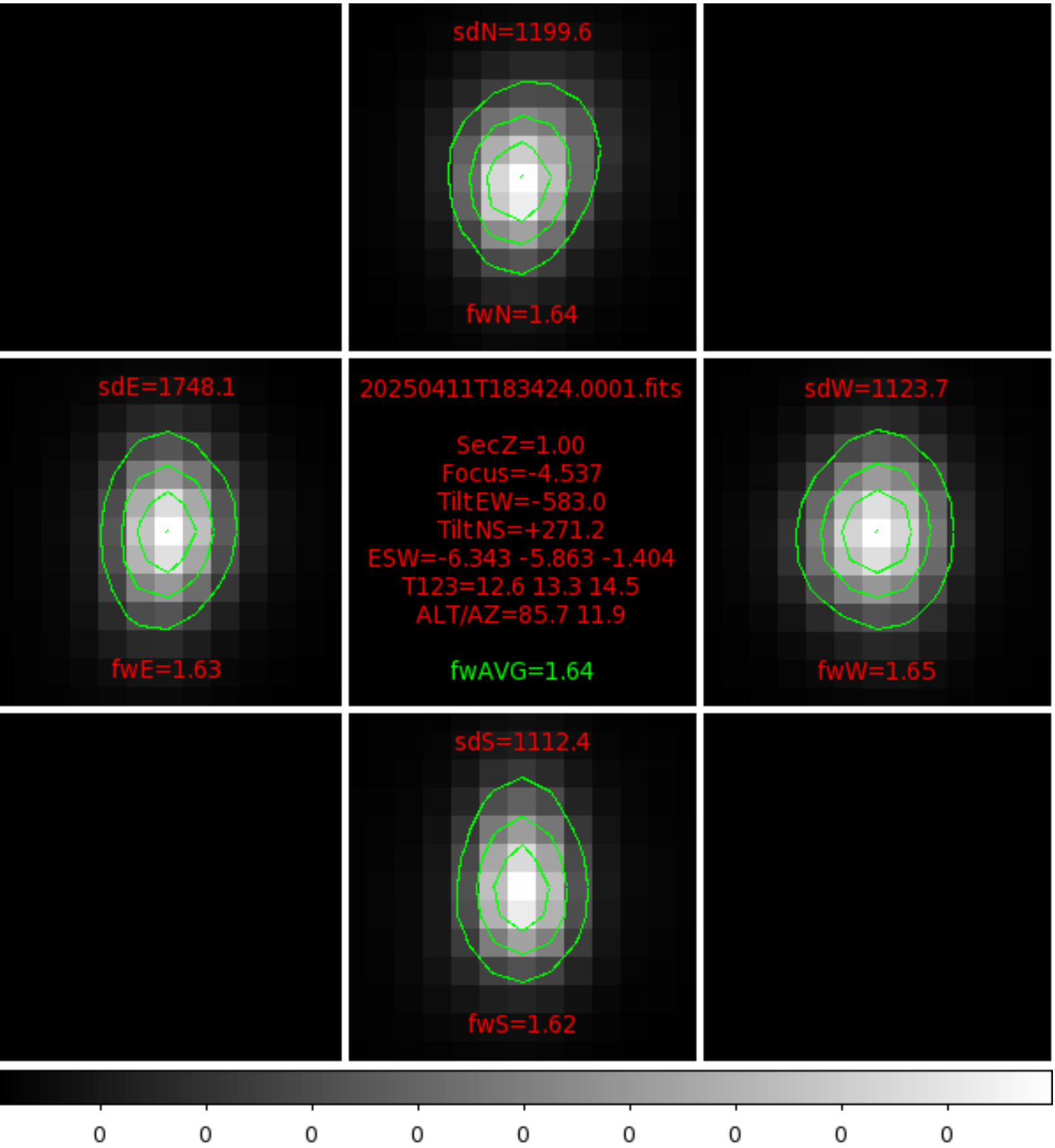
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Focus=-4.537
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.343 -5.863 -1.404
T123=12.6 13.3 14.5
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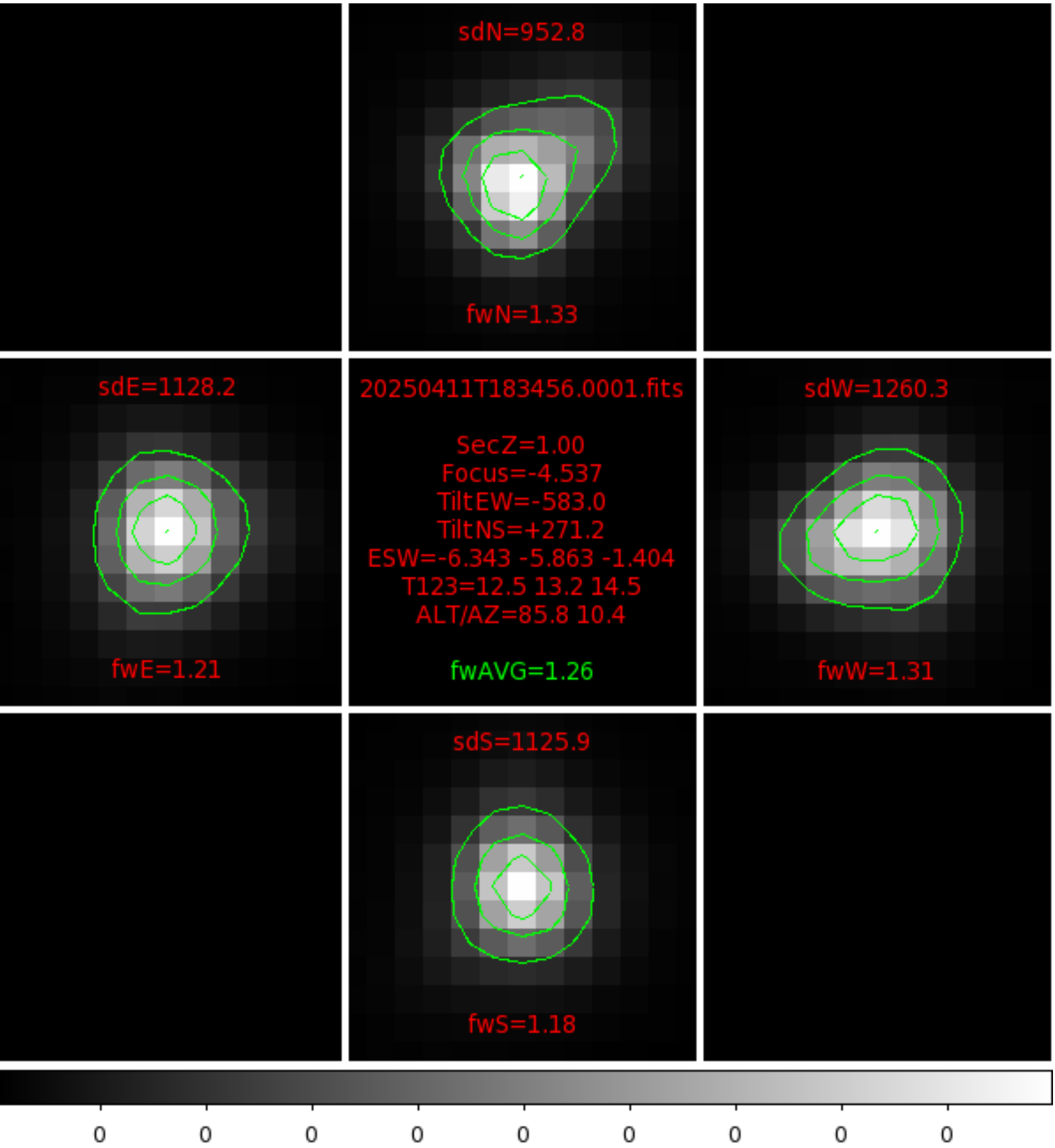
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Focus=-4.537
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.343 -5.863 -1.404
T123=12.5 13.2 14.5
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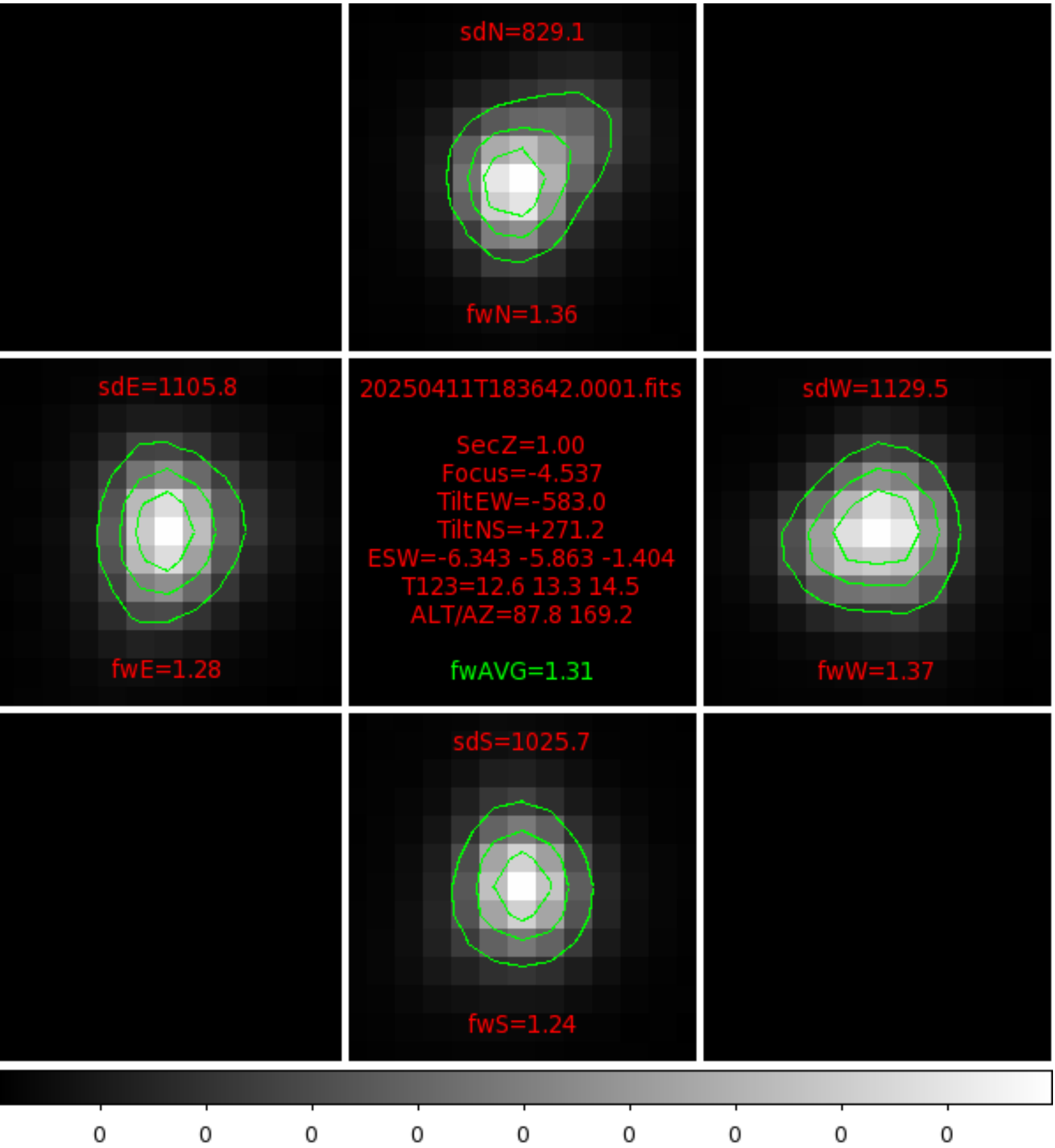
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TiltNS=+271.2
ESW=-6.343 -5.863 -1.404
T123=12.6 13.3 14.5
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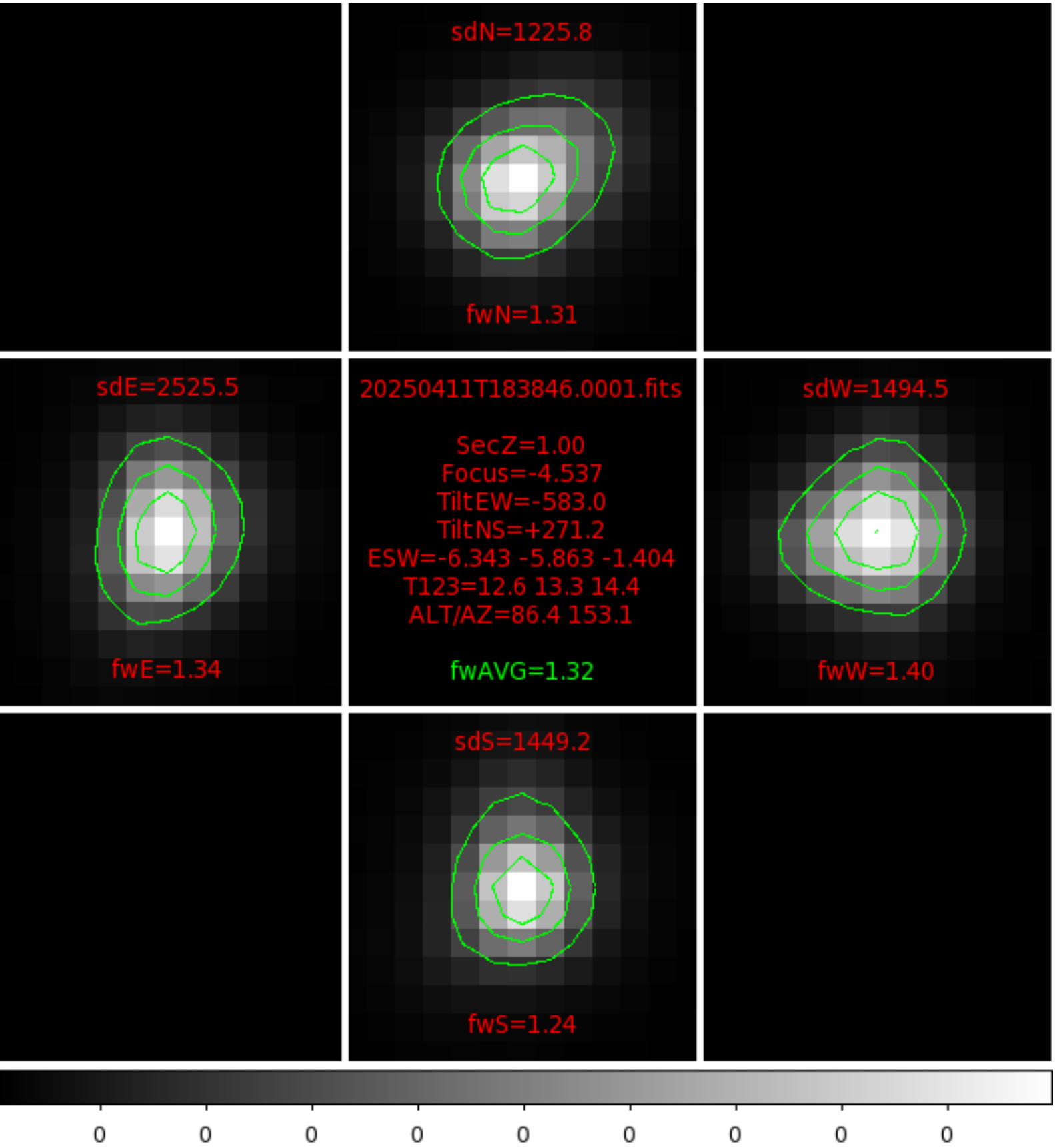
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T123=12.6 13.3 14.4
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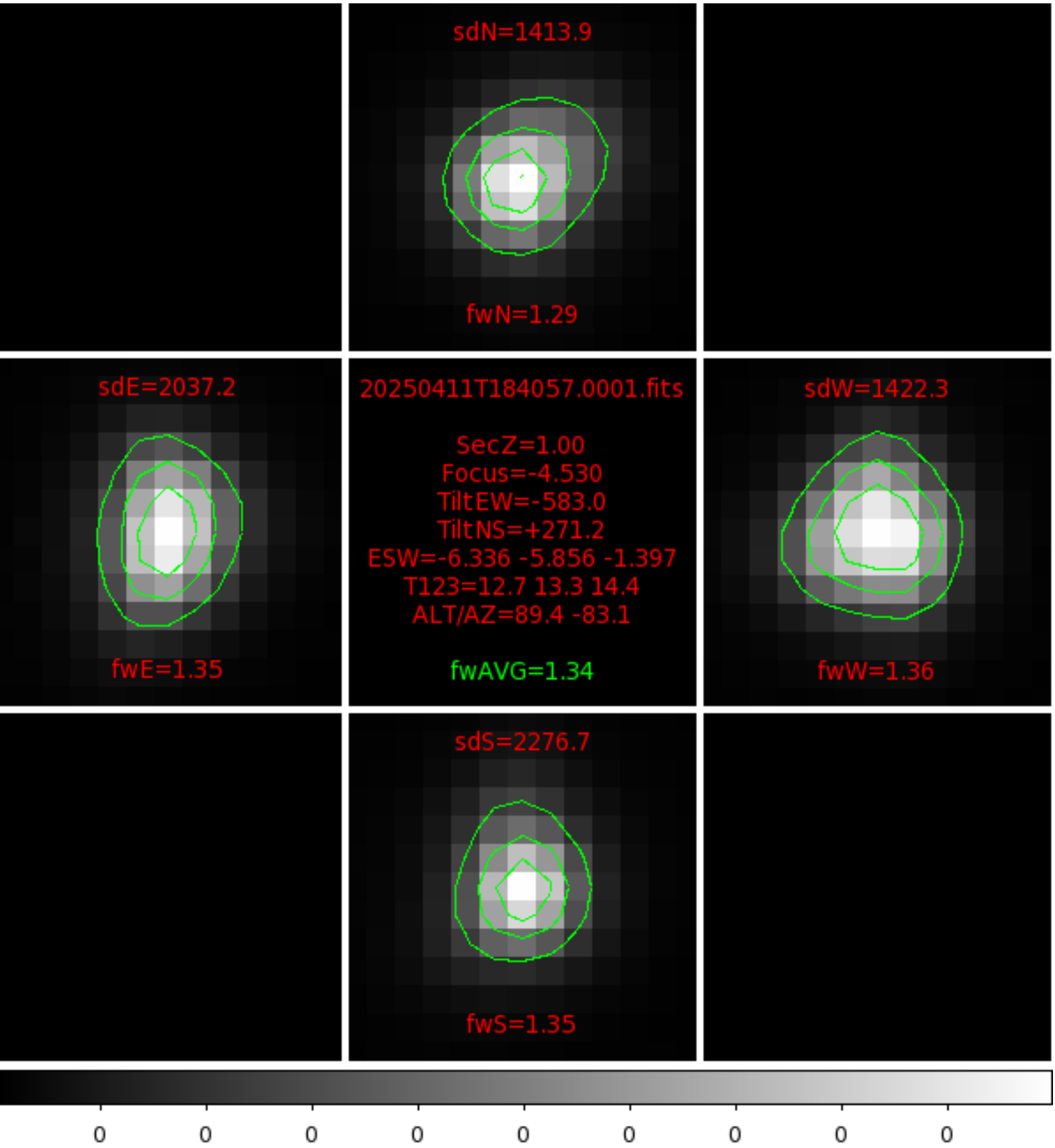
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SecZ=1.00
Focus=-4.530
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TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.7 13.3 14.4
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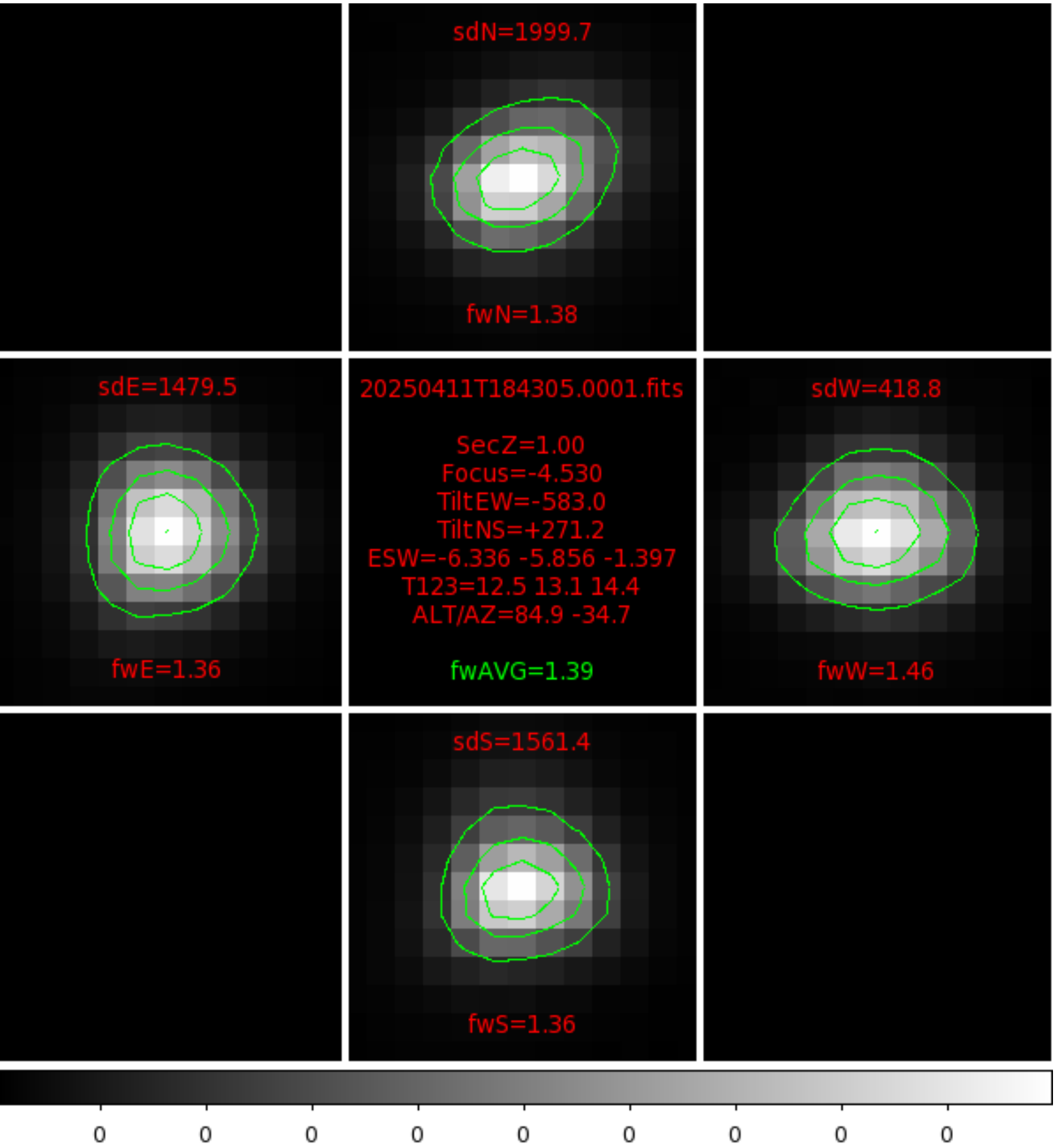
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T123=12.5 13.1 14.4
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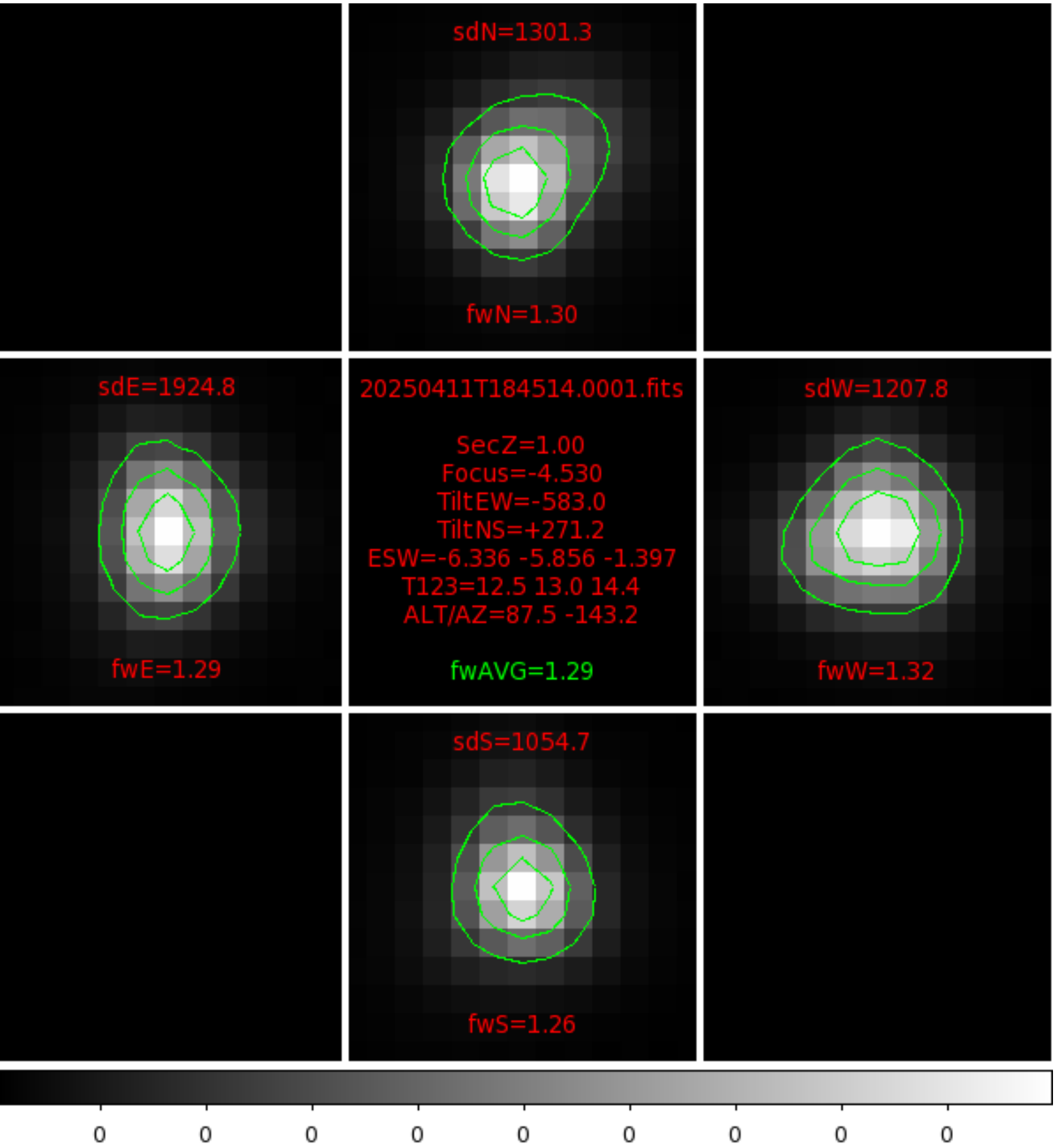
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T123=12.5 13.0 14.4
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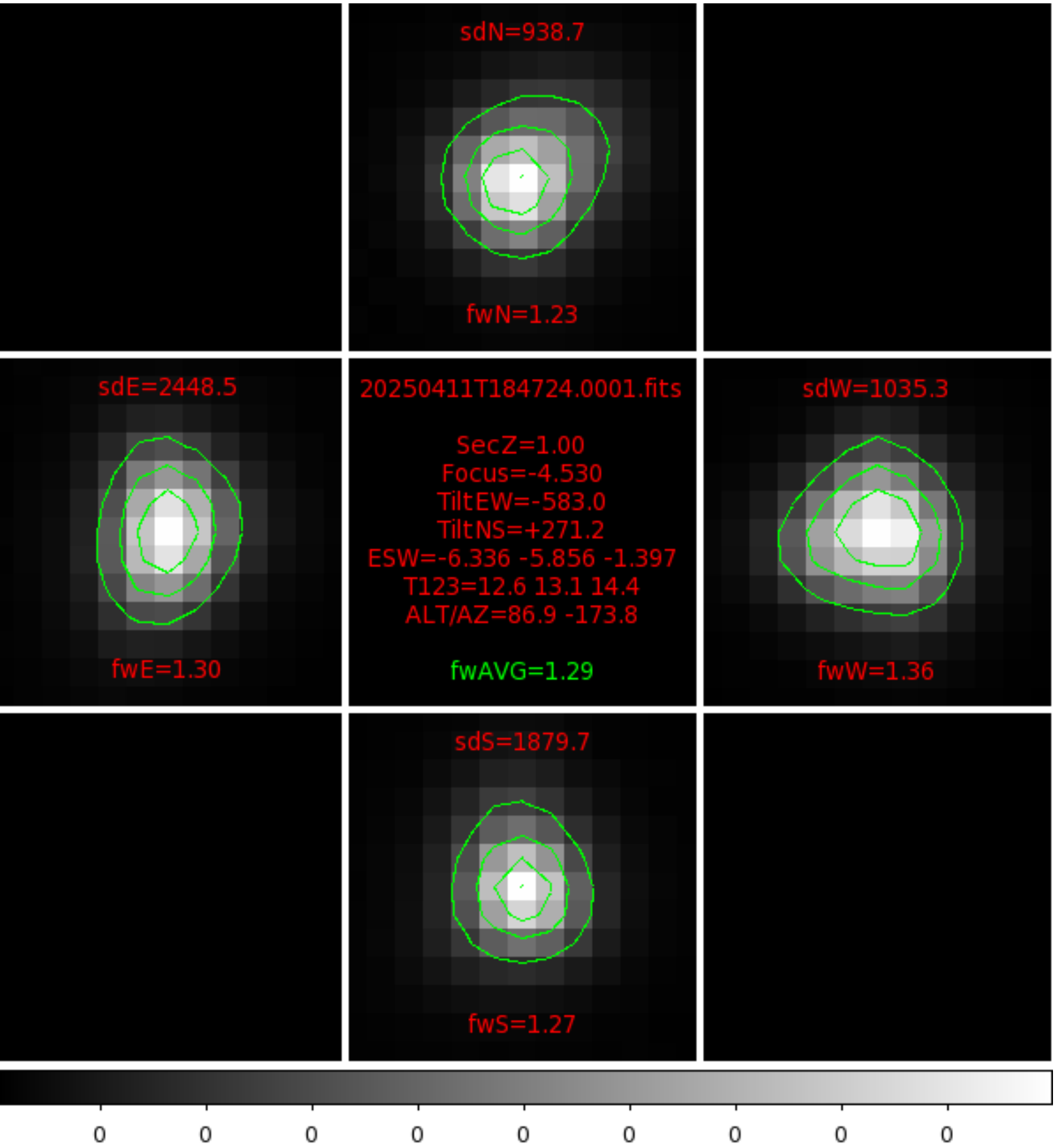
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T123=12.6 13.1 14.4
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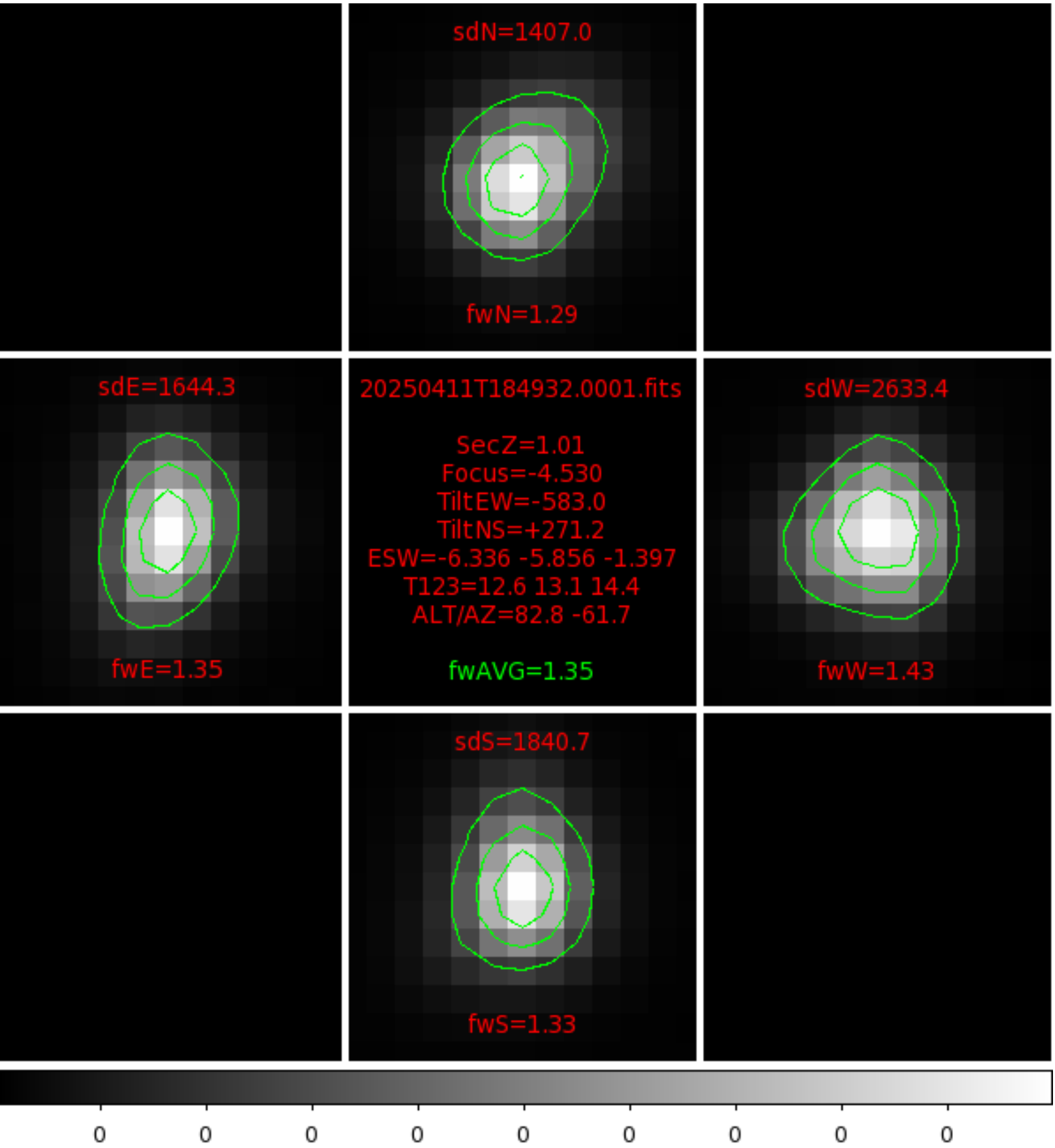
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T123=12.6 13.1 14.4
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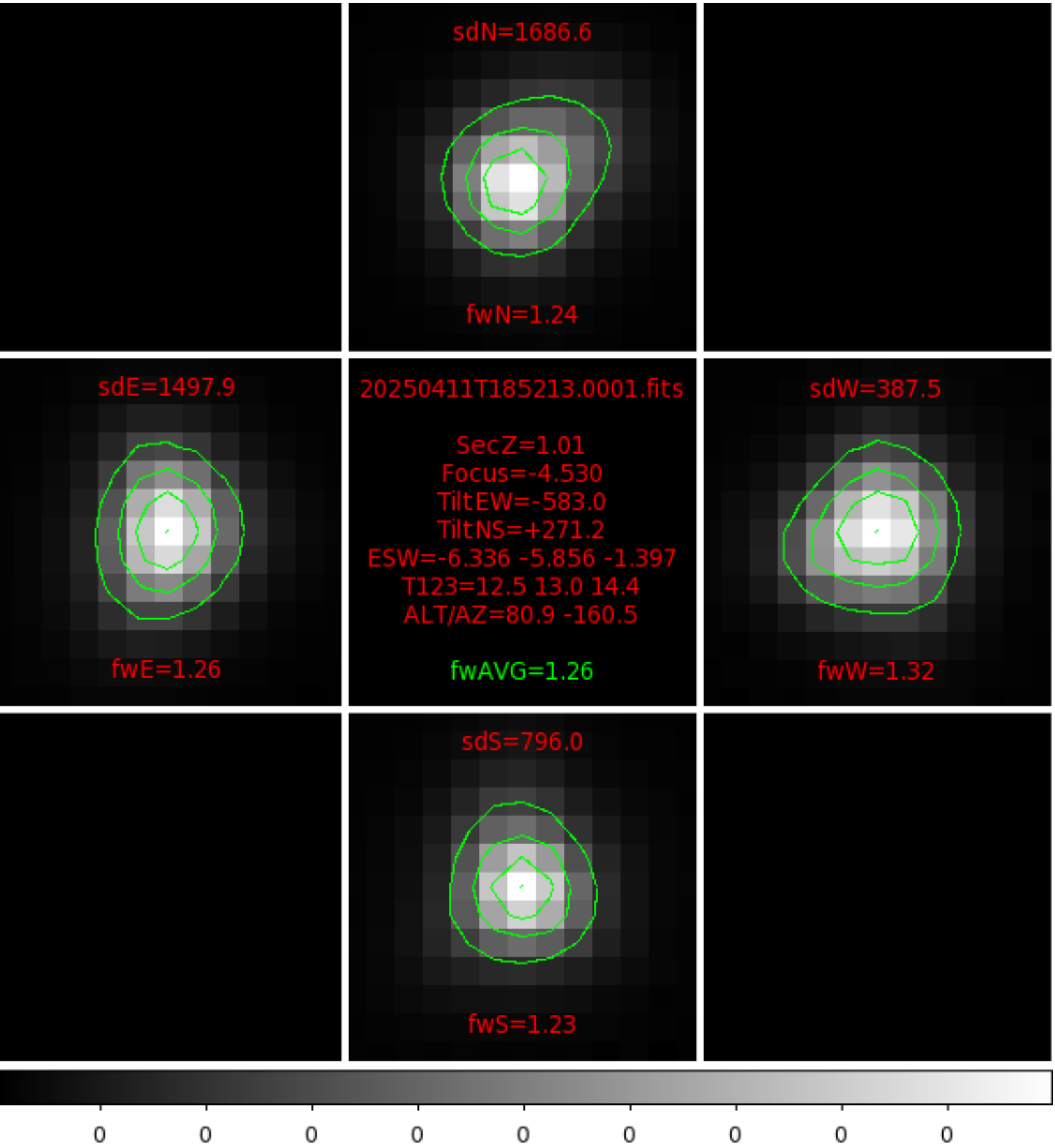
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T123=12.5 13.0 14.4
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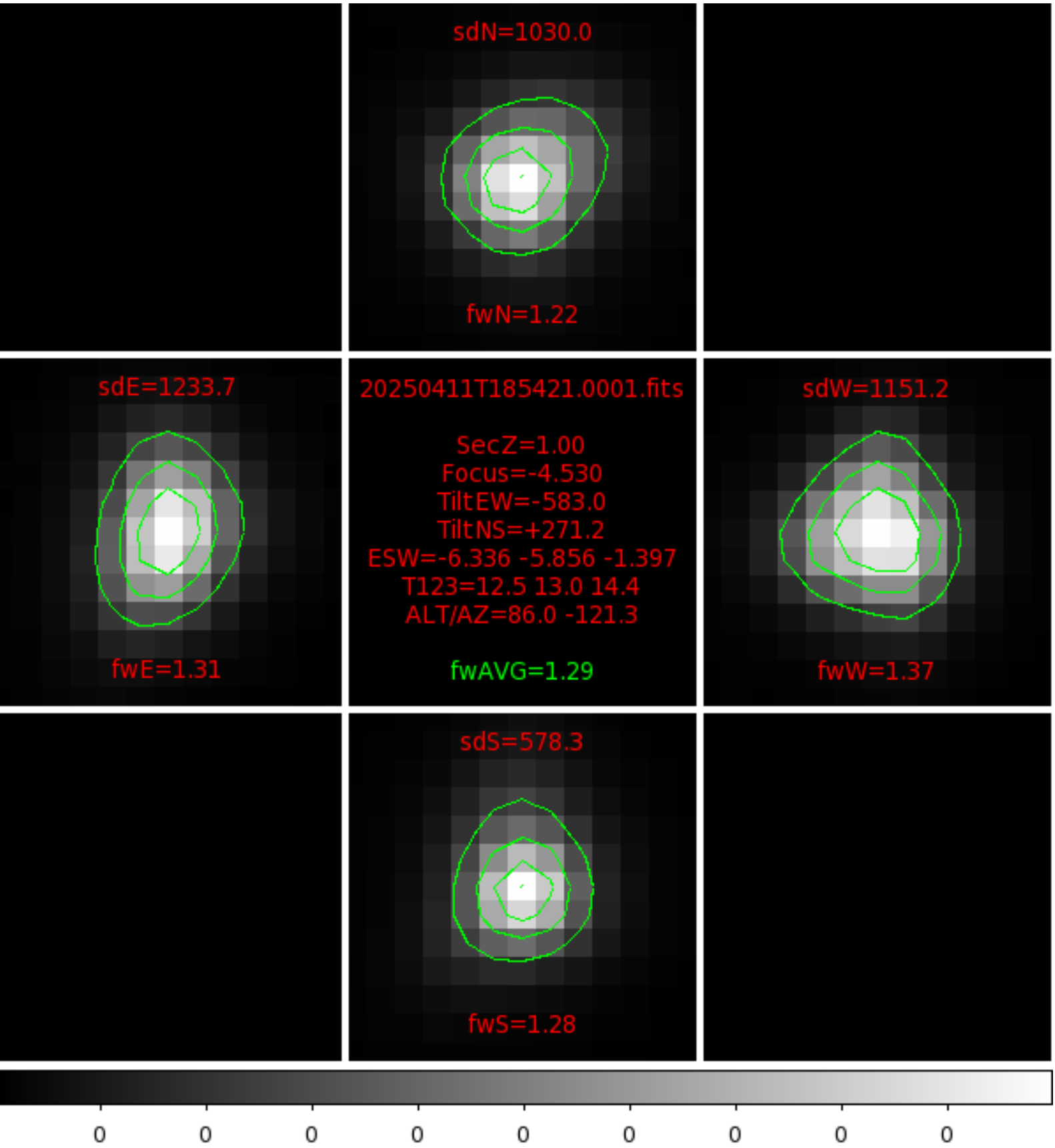
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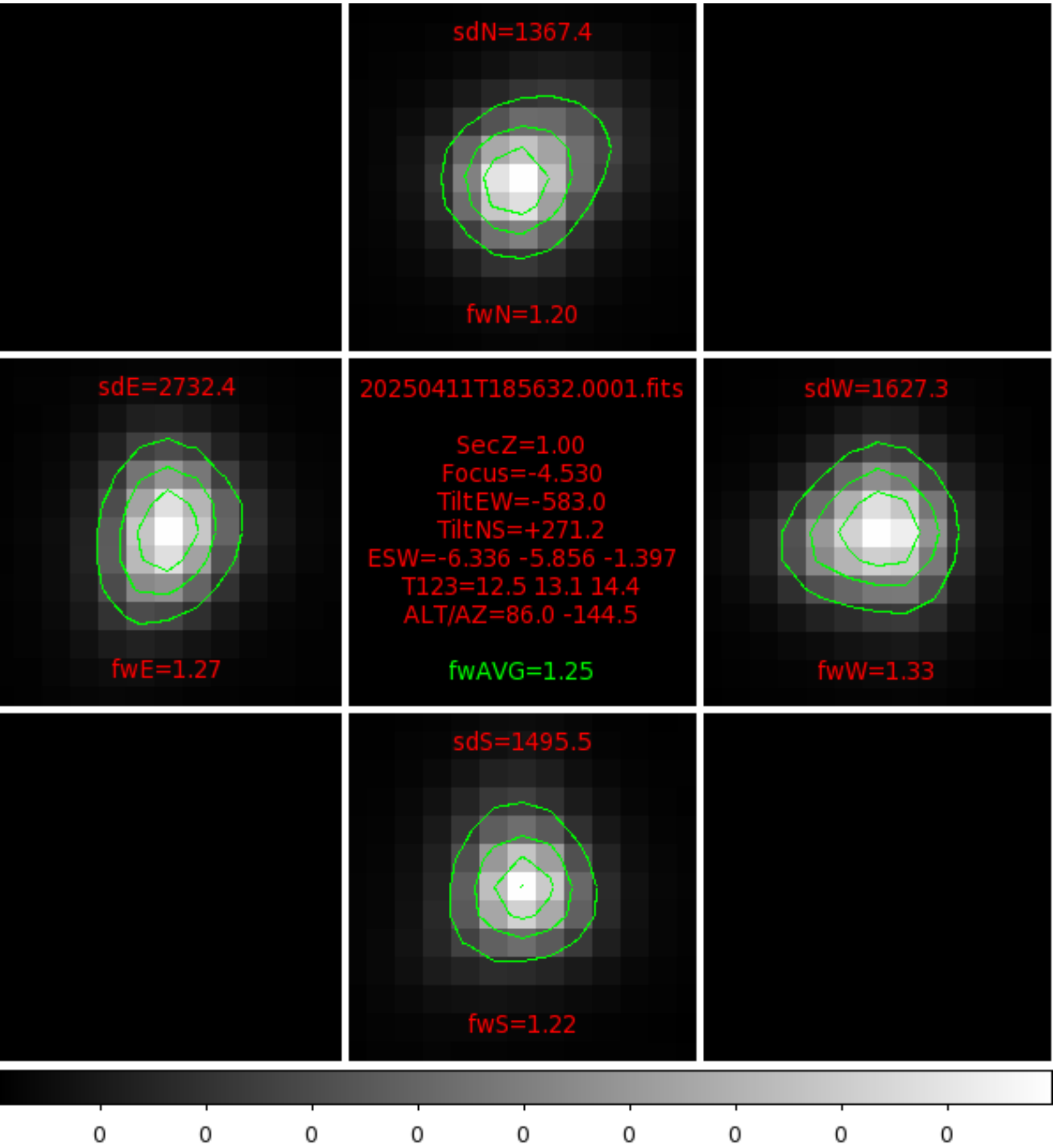
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T123=12.5 13.1 14.4
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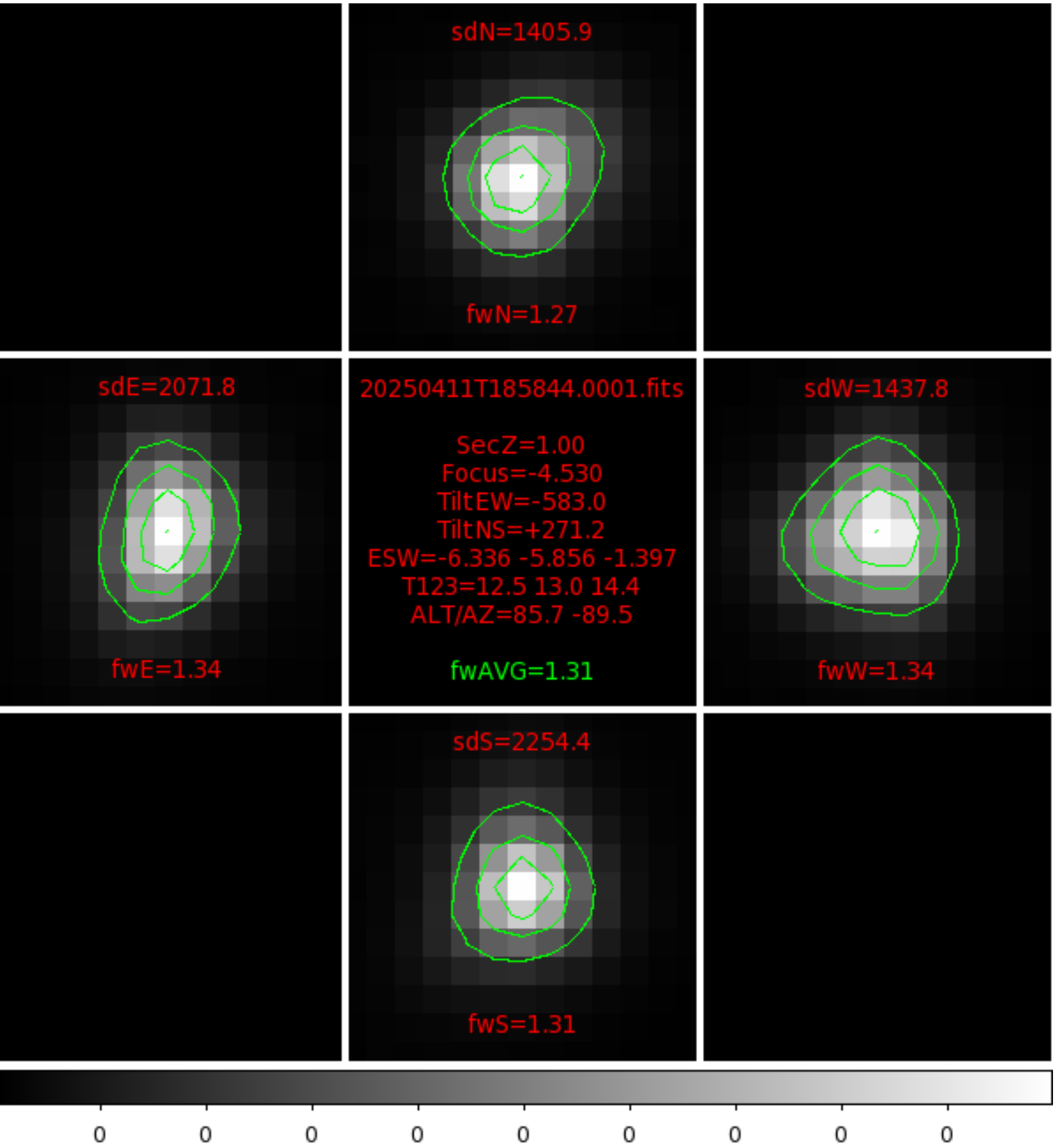
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TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.5 13.0 14.4
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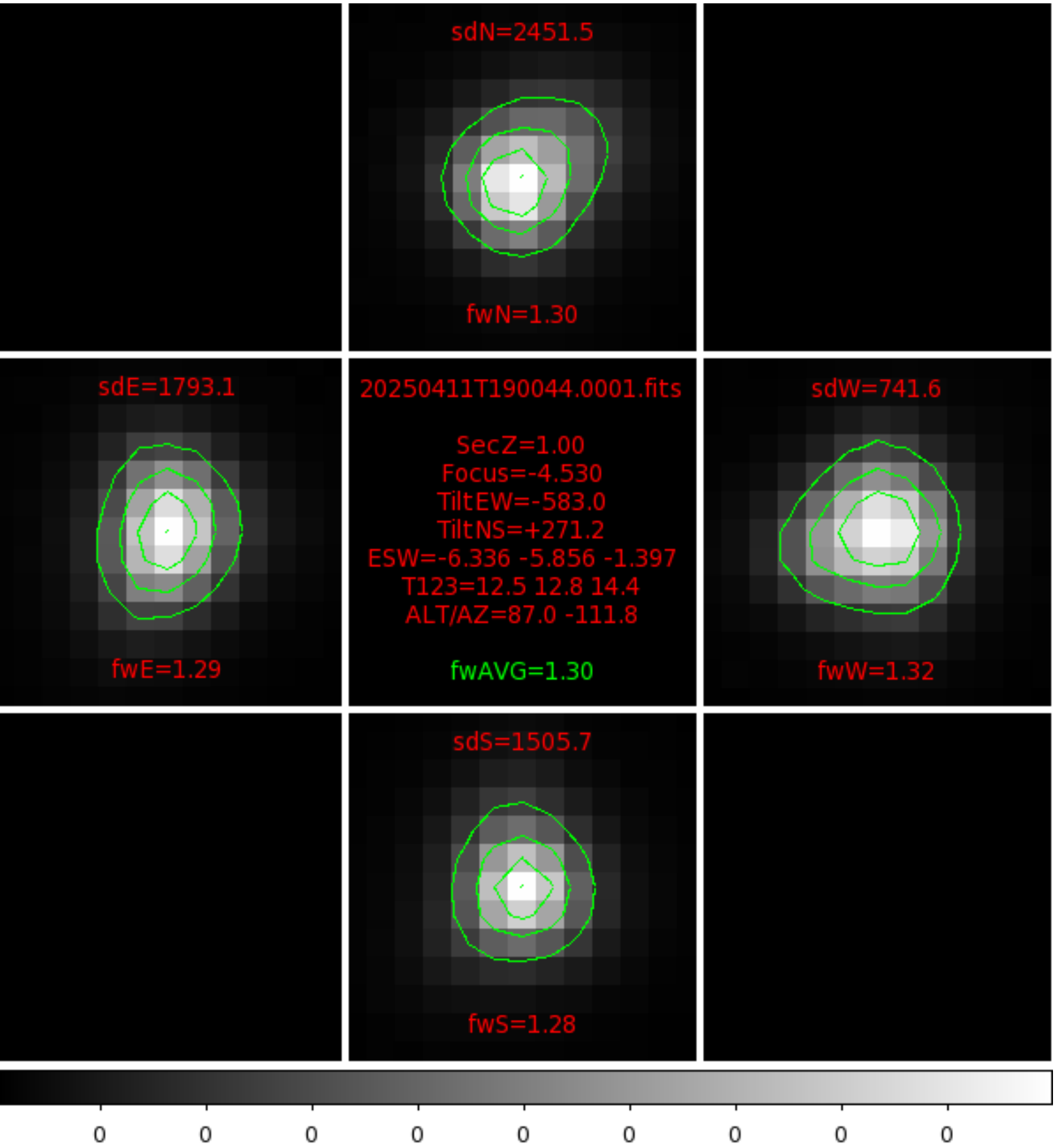
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TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.5 12.8 14.4
ALT/AZ=87.0 -111.8
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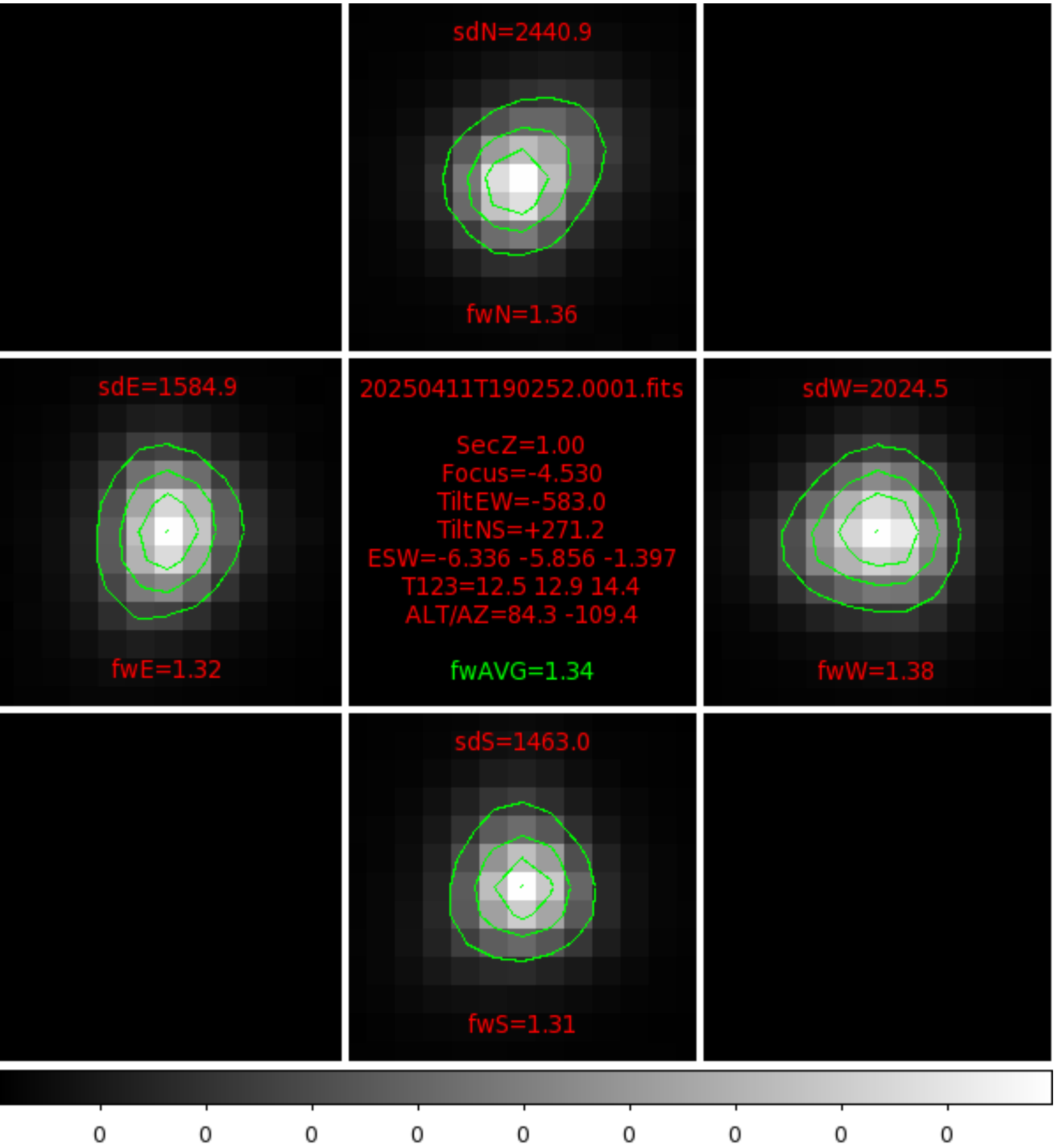
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TiltNS=+271.2
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T123=12.5 12.9 14.4
ALT/AZ=84.3 -109.4
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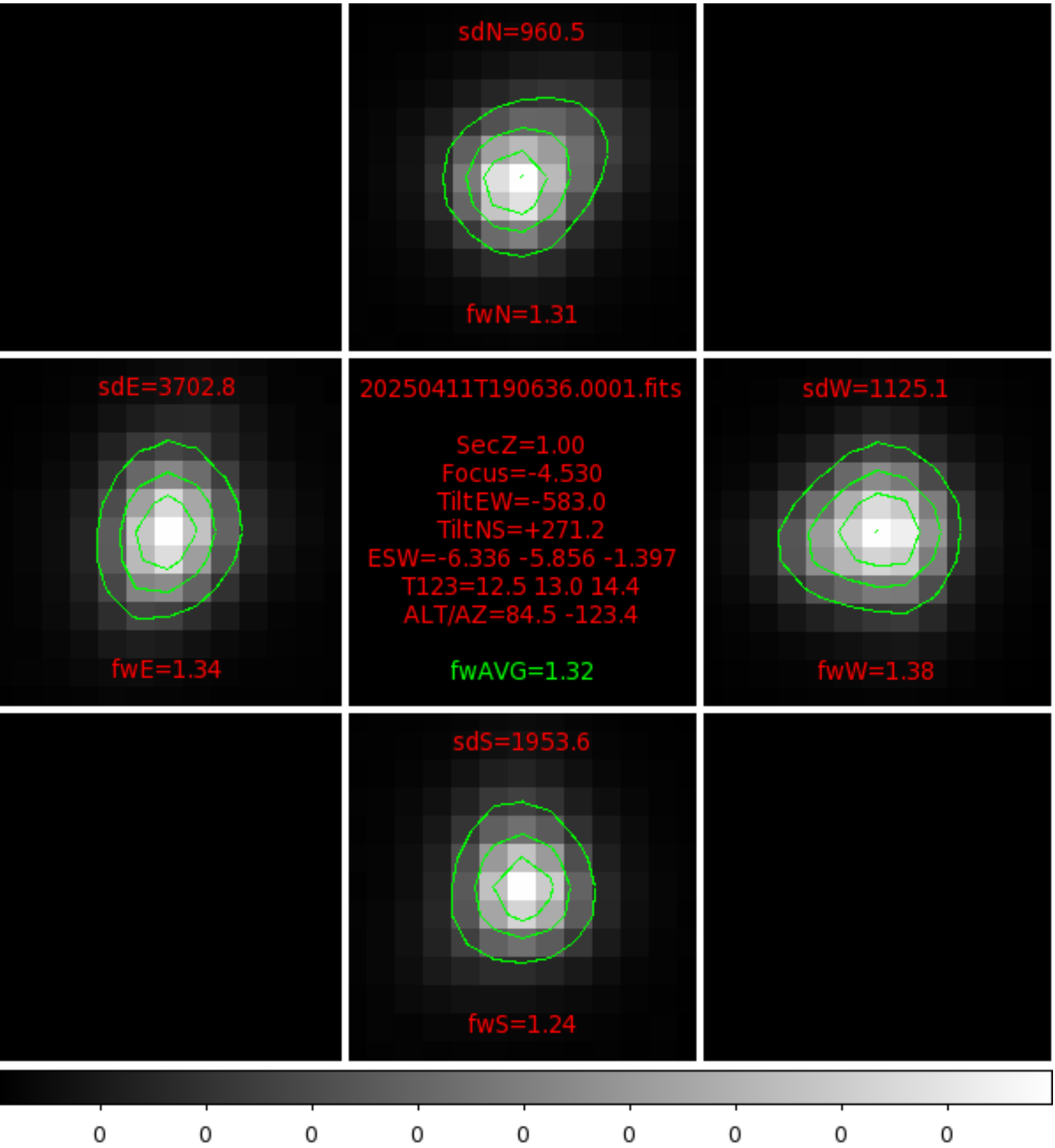
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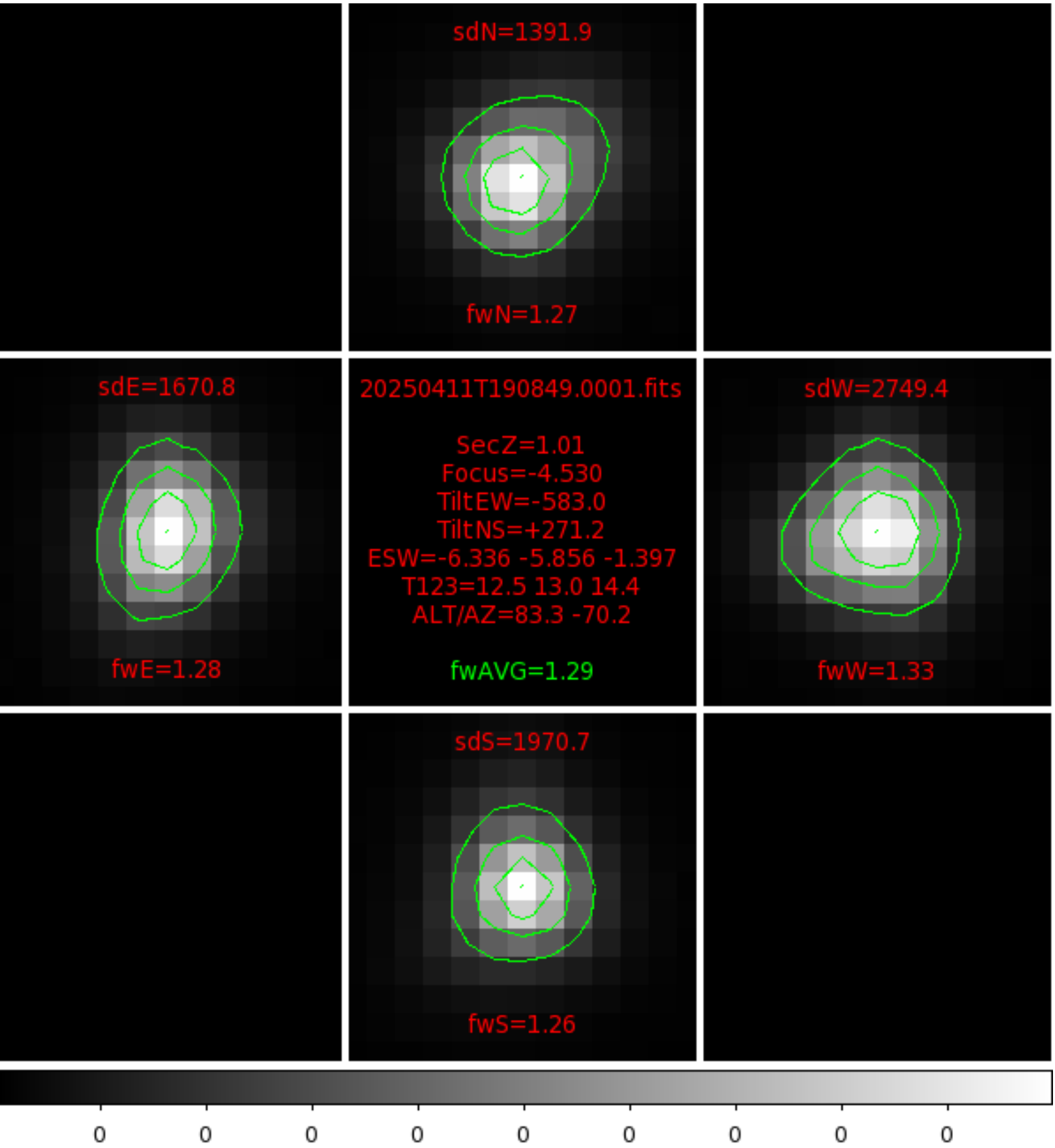
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T123=12.5 13.0 14.4
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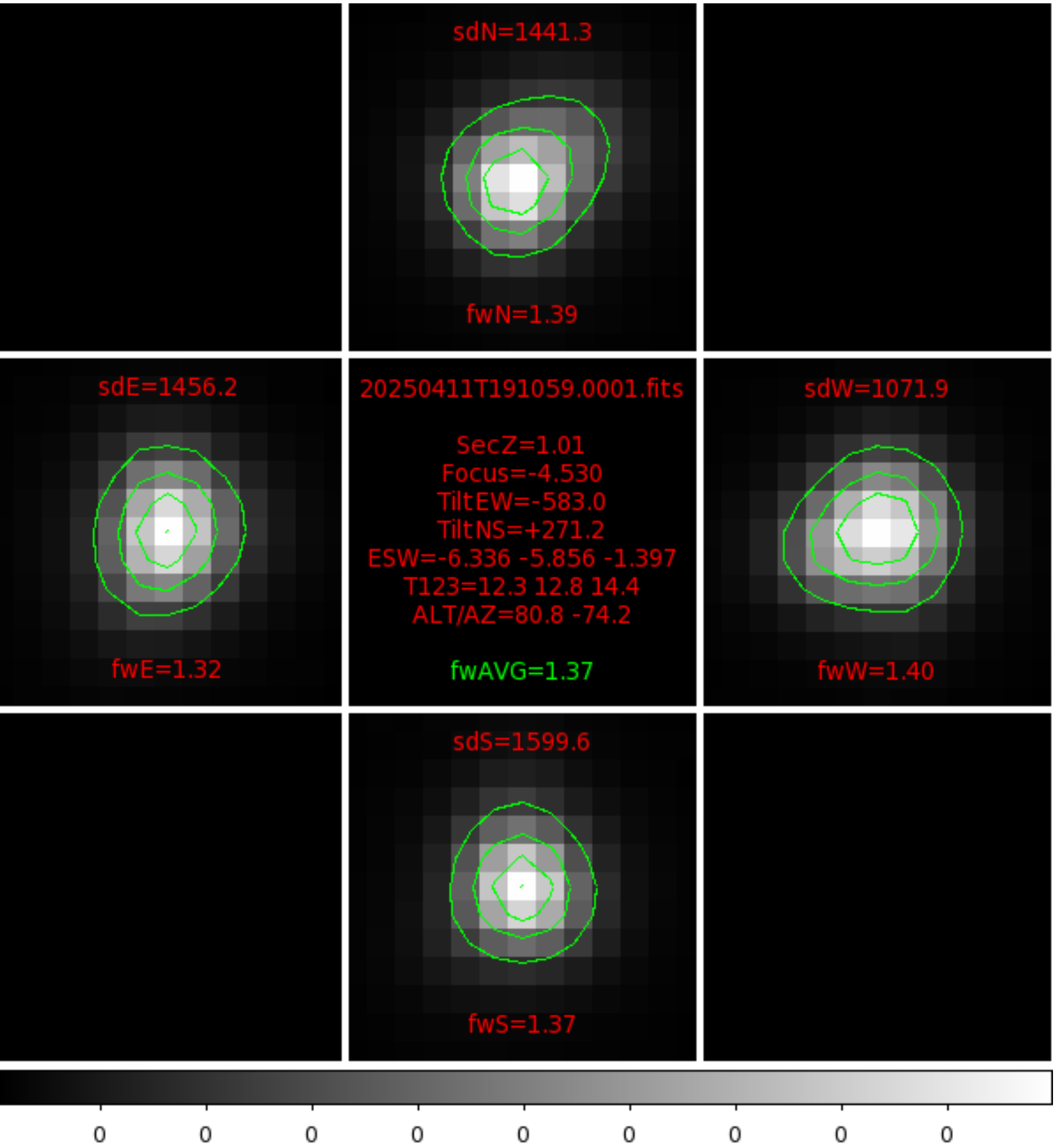
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T123=12.3 12.8 14.4
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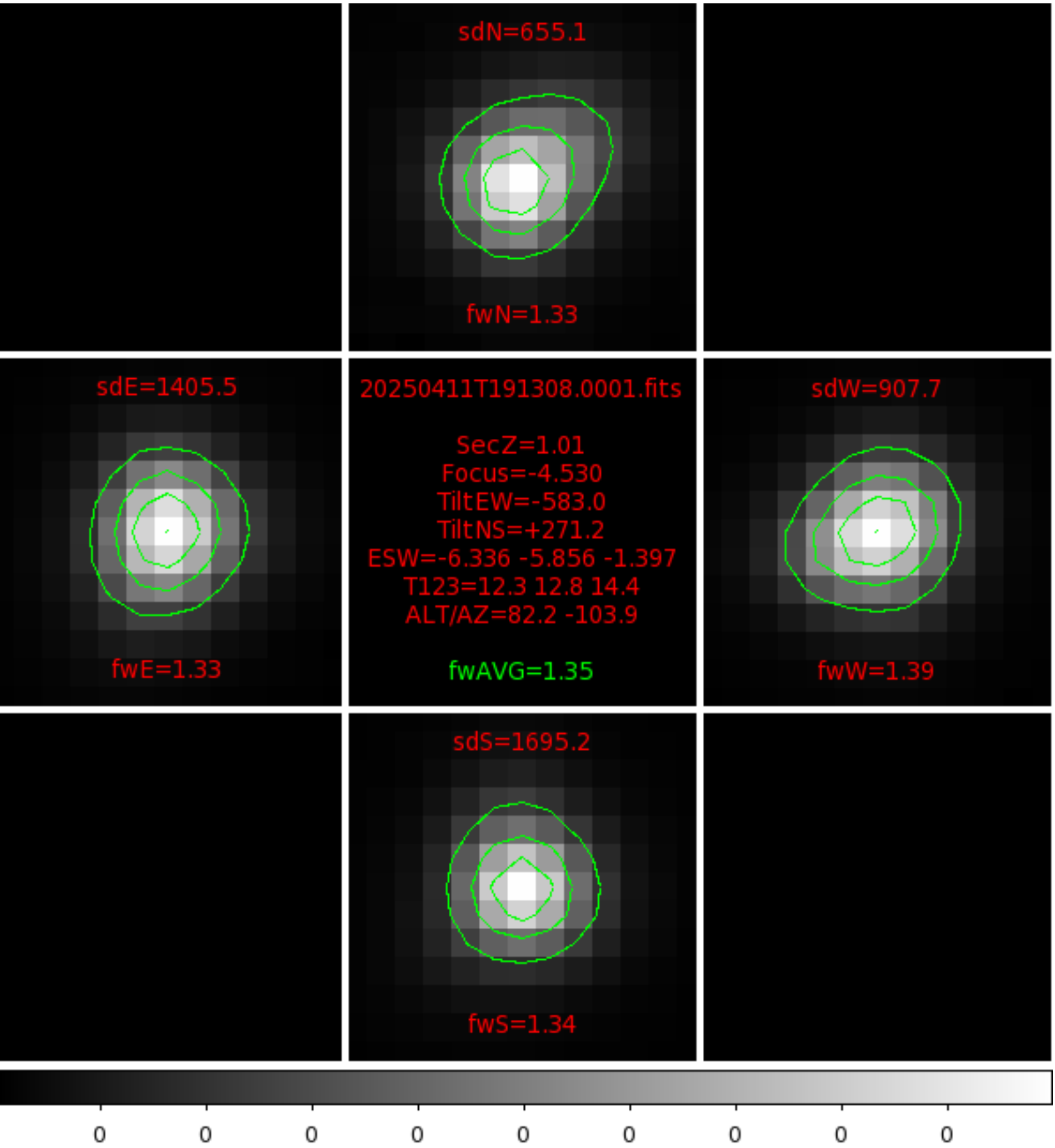
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TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.3 12.8 14.4
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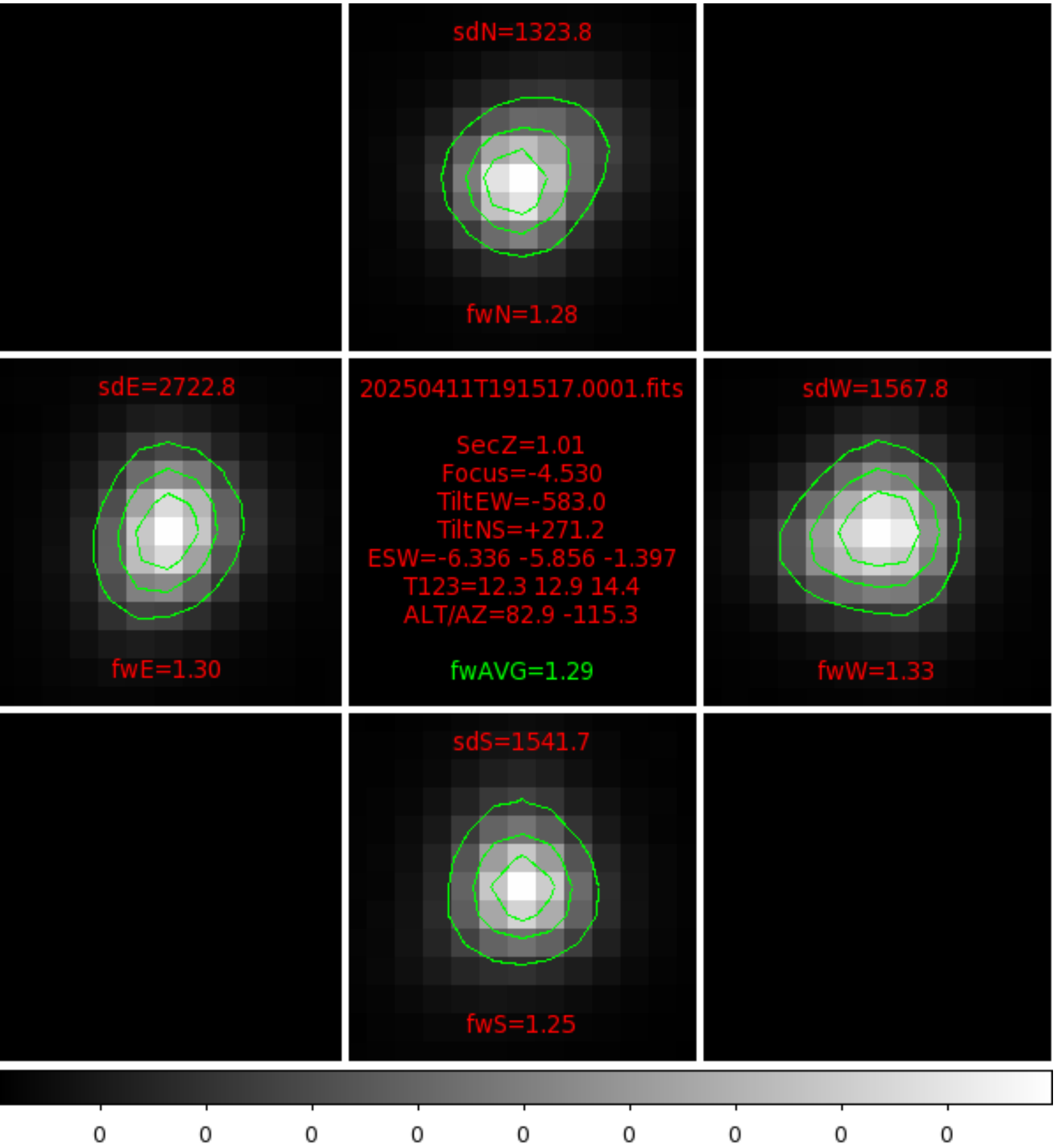
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ESW=-6.336 -5.856 -1.397
T123=12.3 12.9 14.4
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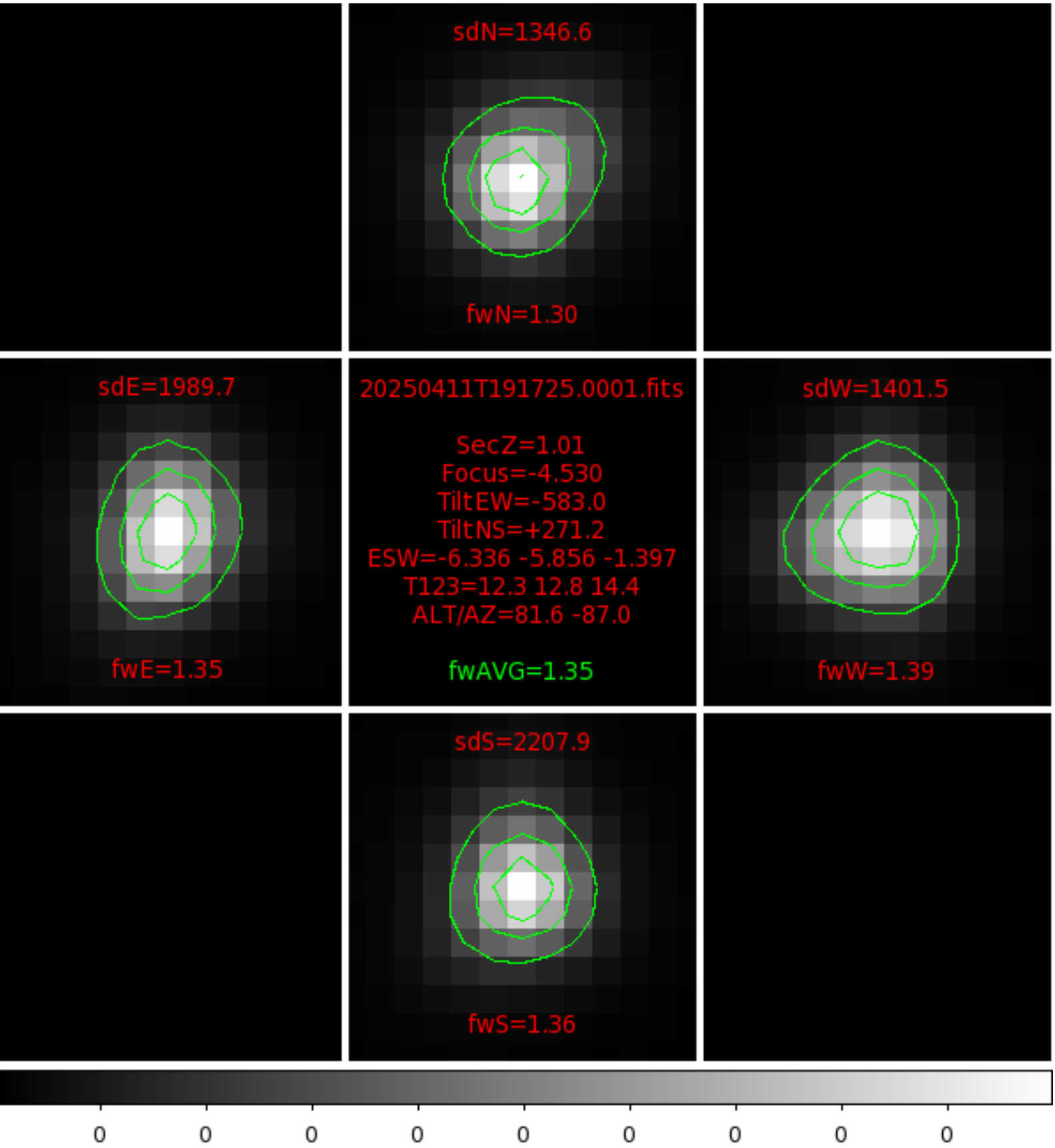
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SecZ=1.01
Focus=-4.530
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TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.3 12.8 14.4
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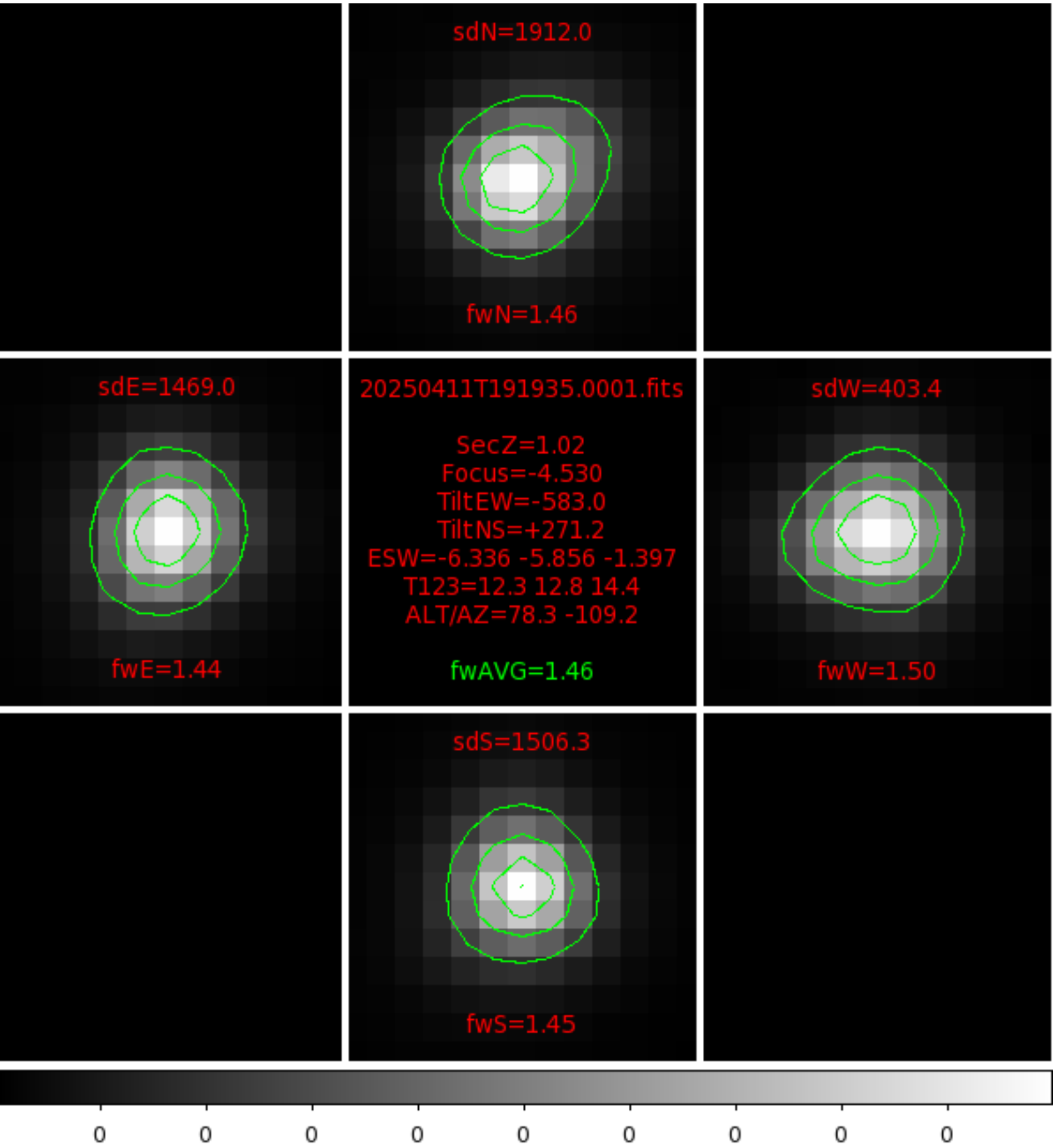
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SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.3 12.8 14.4
ALT/AZ=78.3 -109.2
fwAVG=1.46
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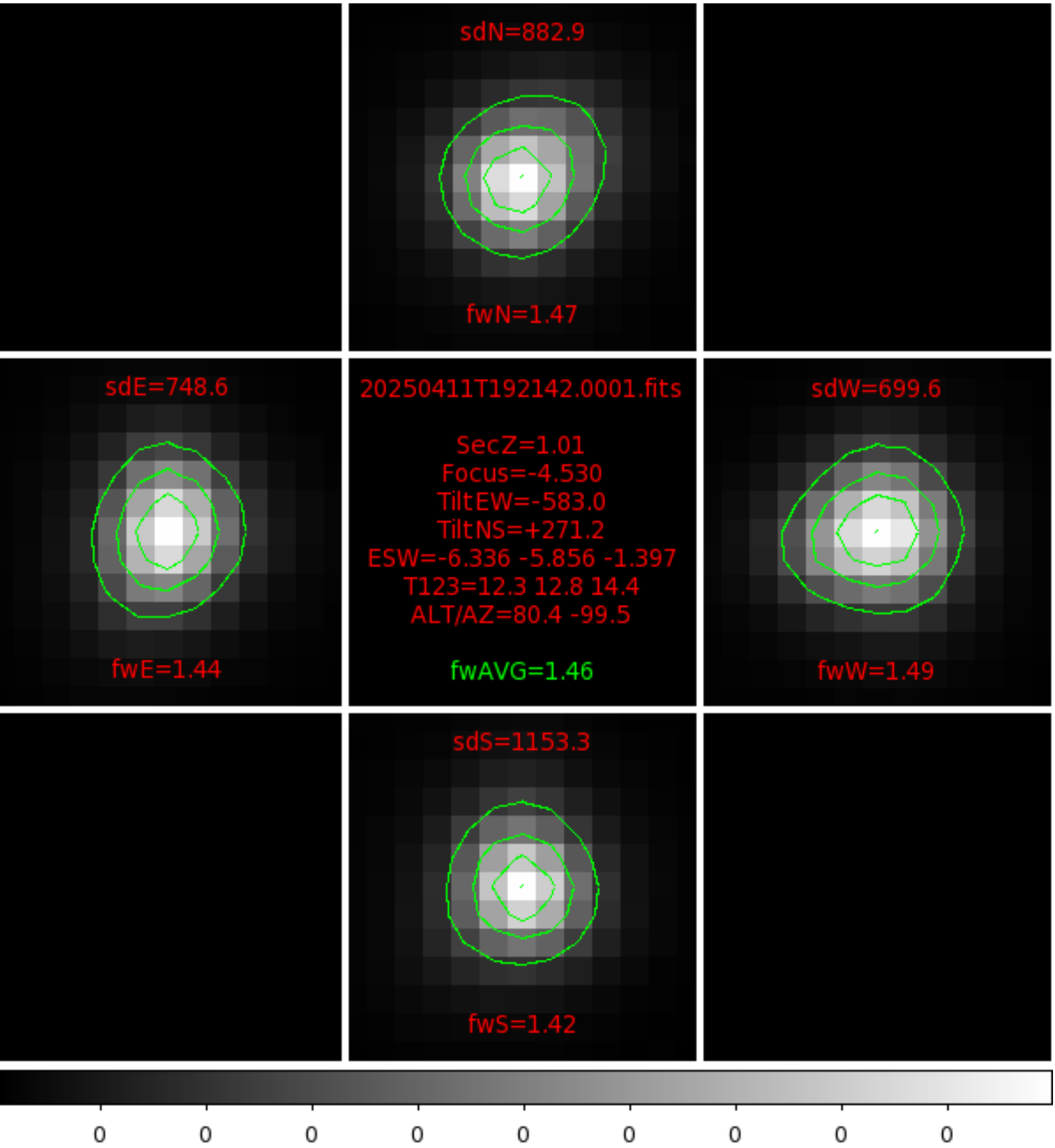
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SecZ=1.01
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.3 12.8 14.4
ALT/AZ=80.4 -99.5
fwAVG=1.46
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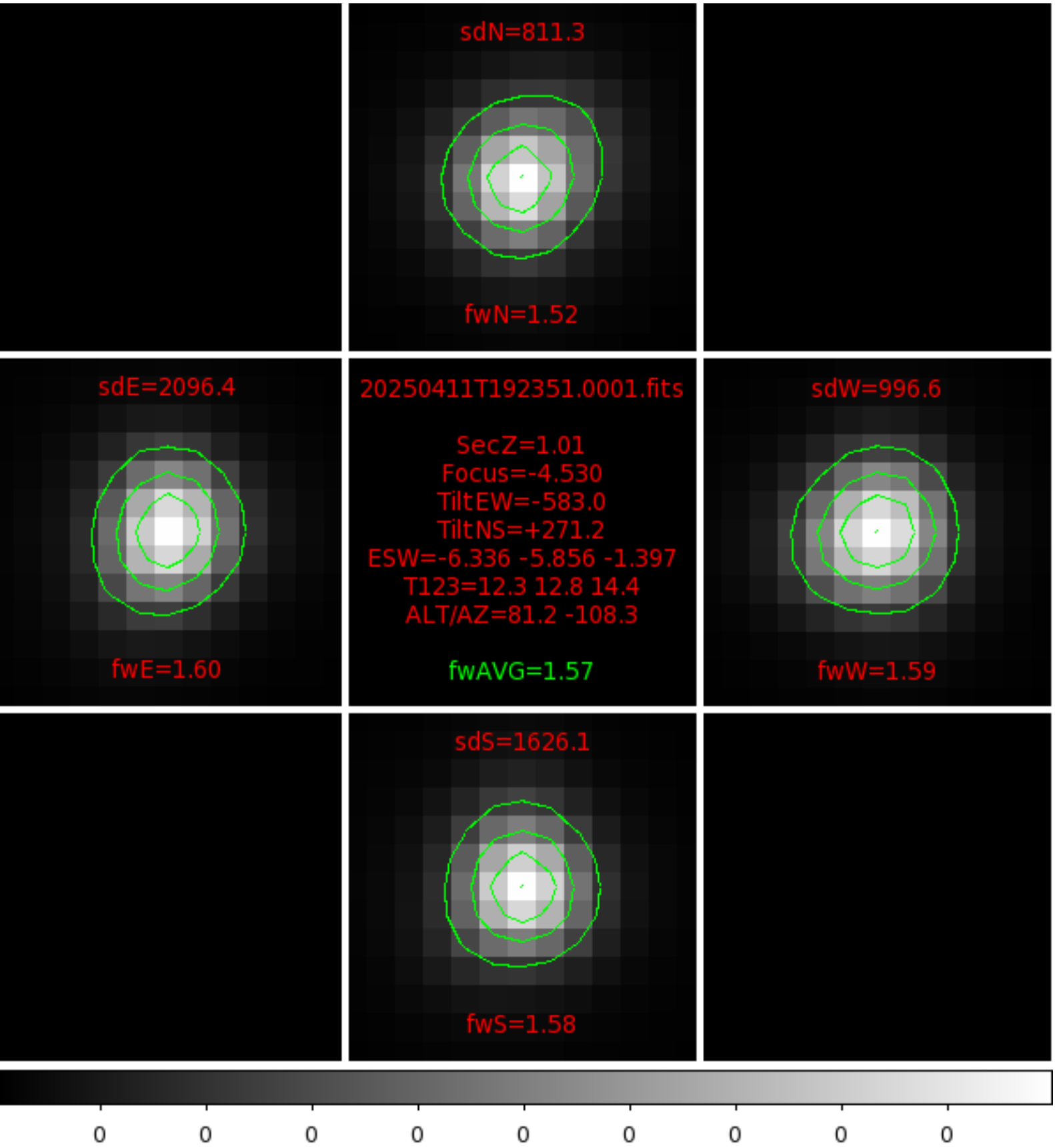
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SecZ=1.01
Focus=-4.530
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.3 12.8 14.4
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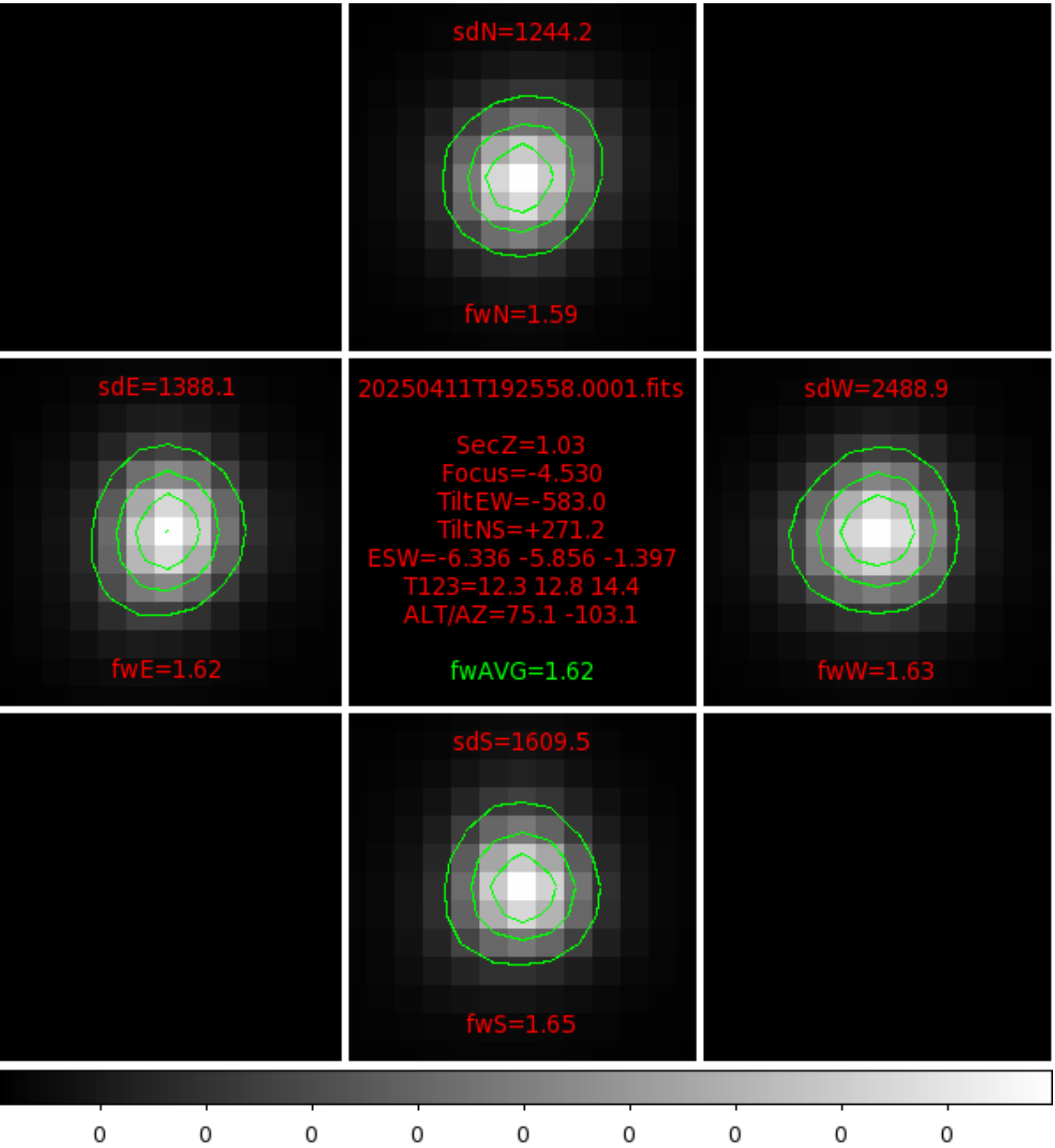
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TiltNS=+271.2
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T123=12.3 12.8 14.4
ALT/AZ=75.1 -103.1
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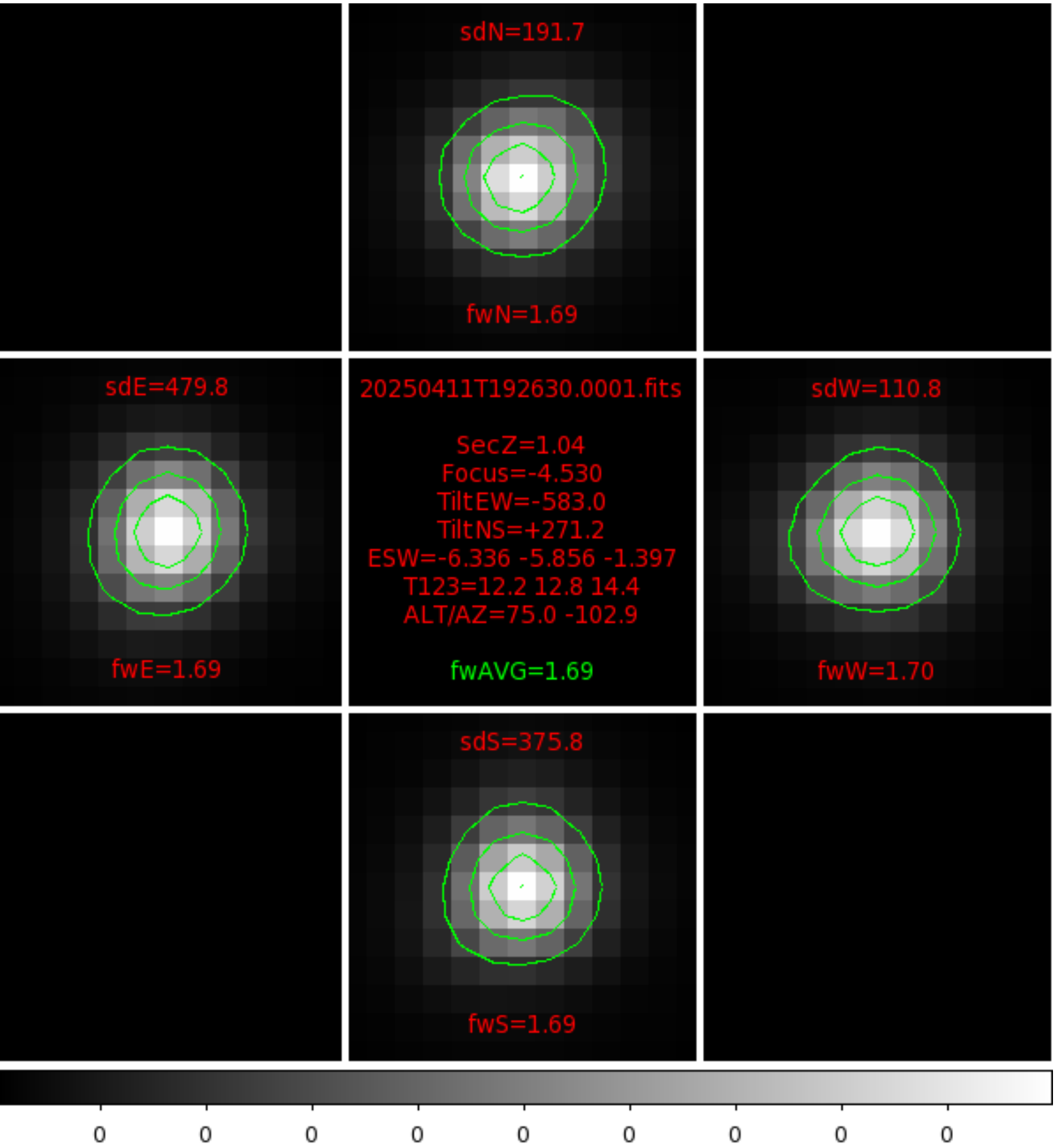
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SecZ=1.04
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TiltNS=+271.2
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T123=12.2 12.8 14.4
ALT/AZ=75.0 -102.9
fwAVG=1.69
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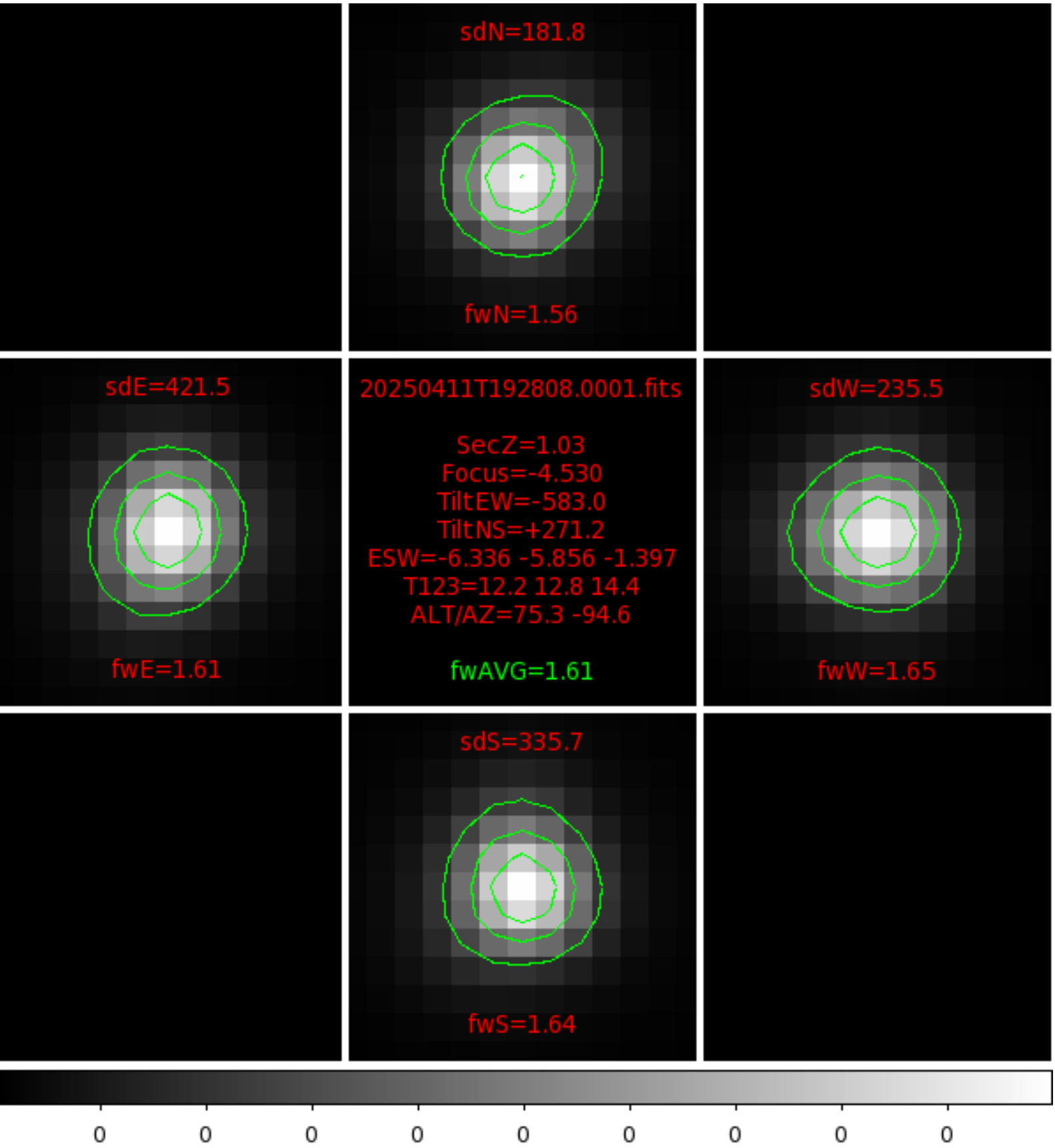
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SecZ=1.03
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.2 12.8 14.4
ALT/AZ=75.3 -94.6
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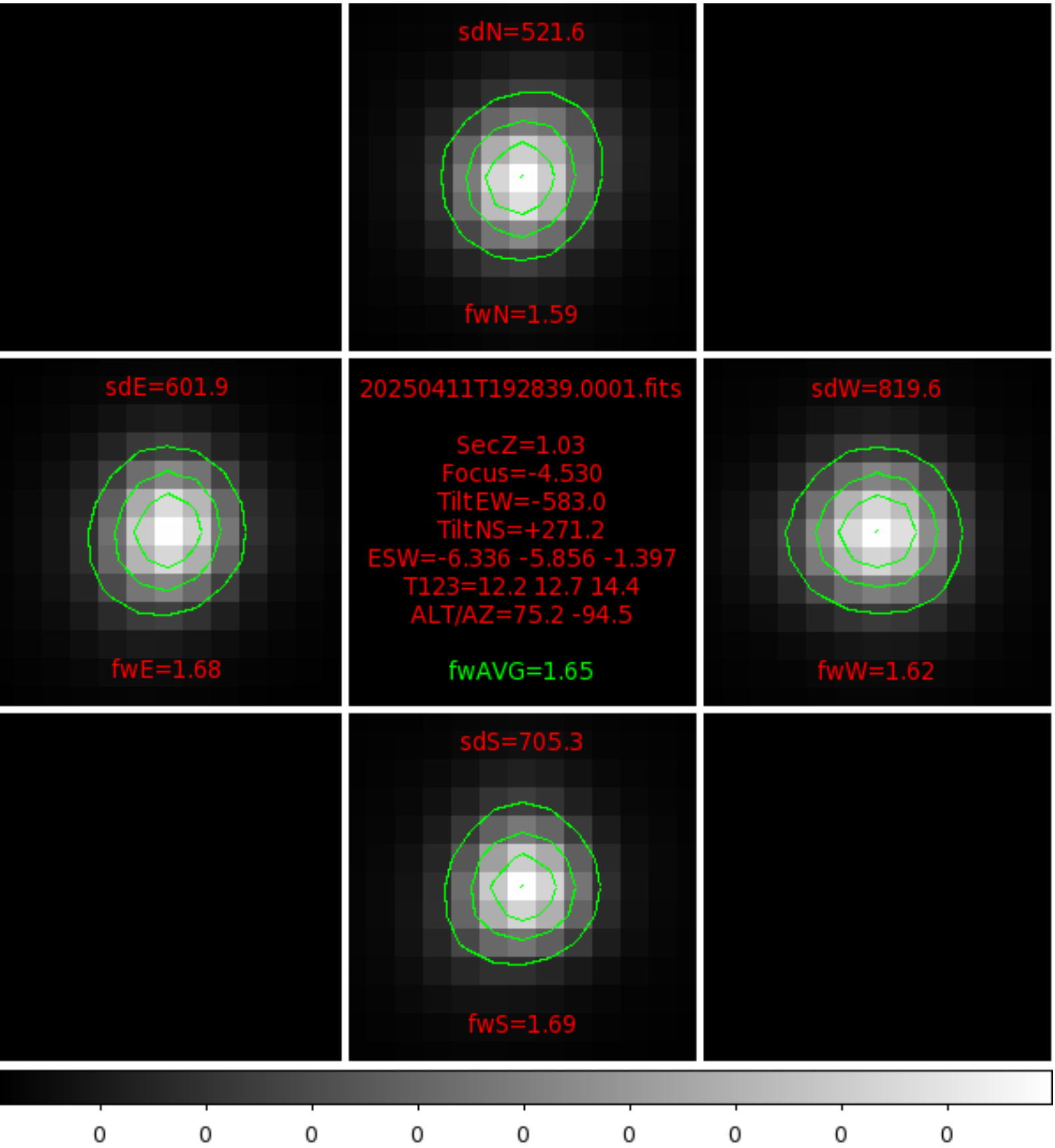
sdN=521.6
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fwE=1.68
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T123=12.2 12.7 14.4
ALT/AZ=75.2 -94.5
fwAVG=1.65
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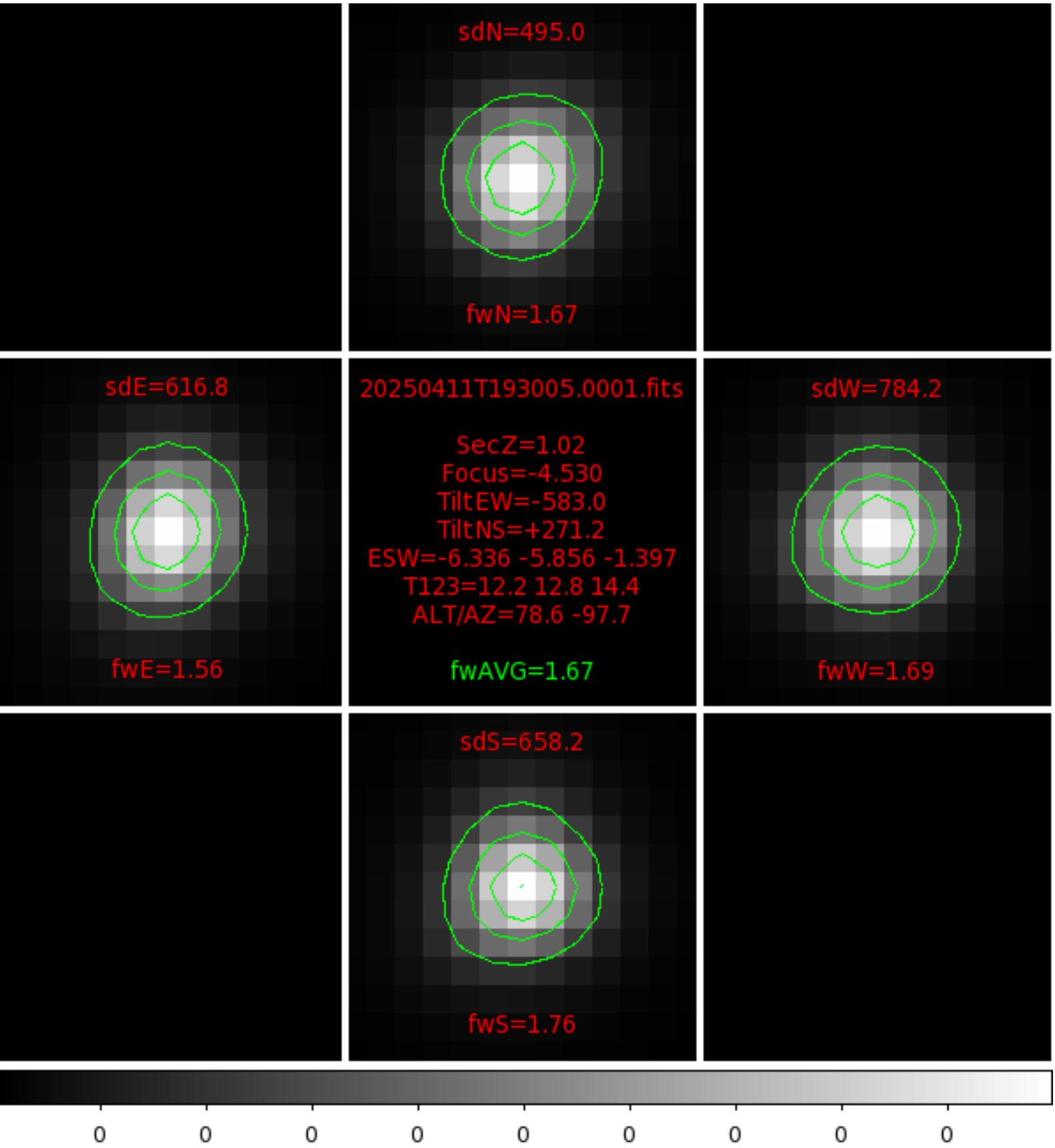
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SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.2 12.8 14.4
ALT/AZ=78.6 -97.7
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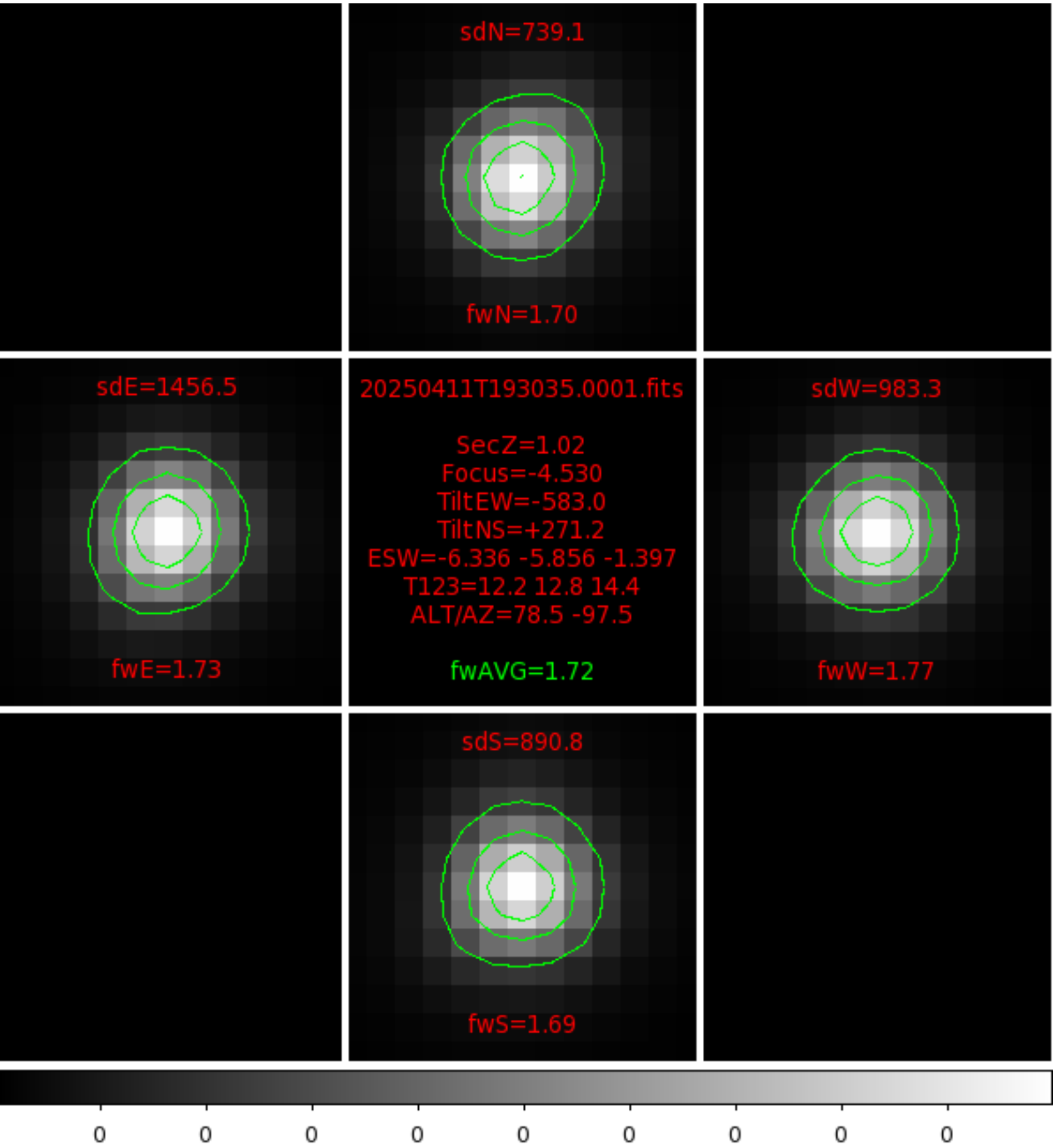
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SecZ=1.02
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TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.2 12.8 14.4
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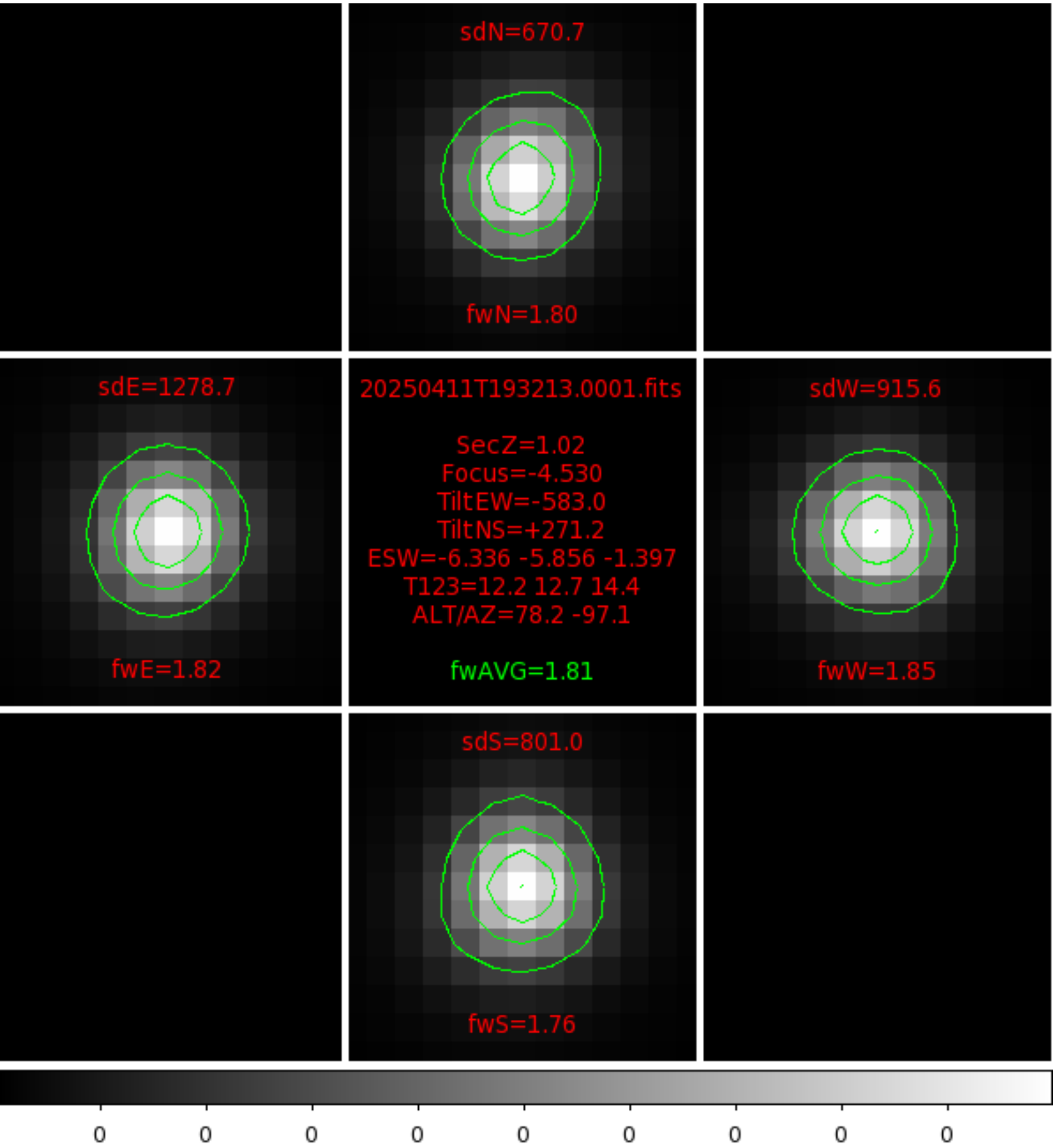
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SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.2 12.7 14.4
ALT/AZ=78.2 -97.1
fwAVG=1.81
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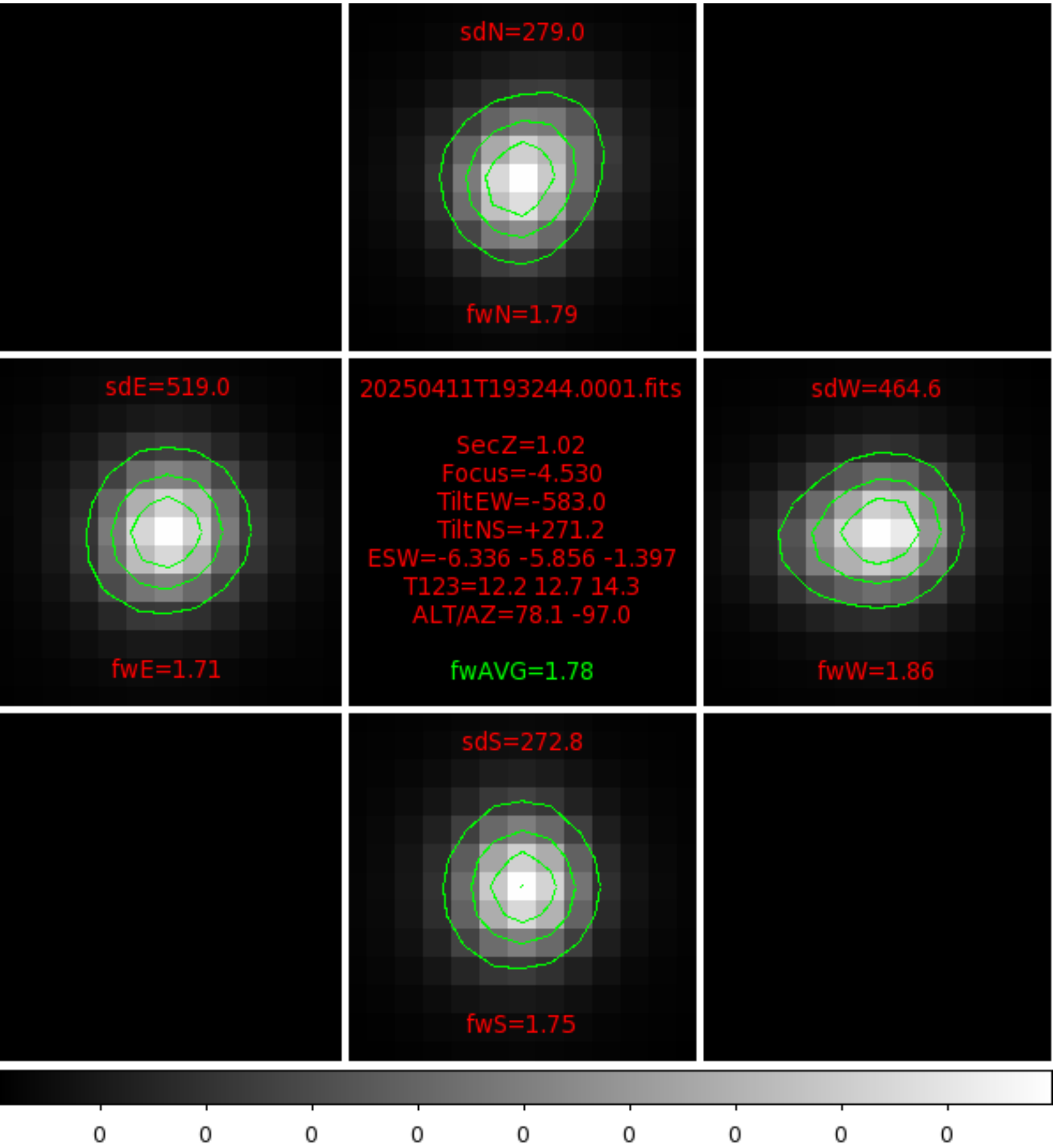
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sdE=519.0
fwE=1.71
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.2 12.7 14.3
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fwAVG=1.78
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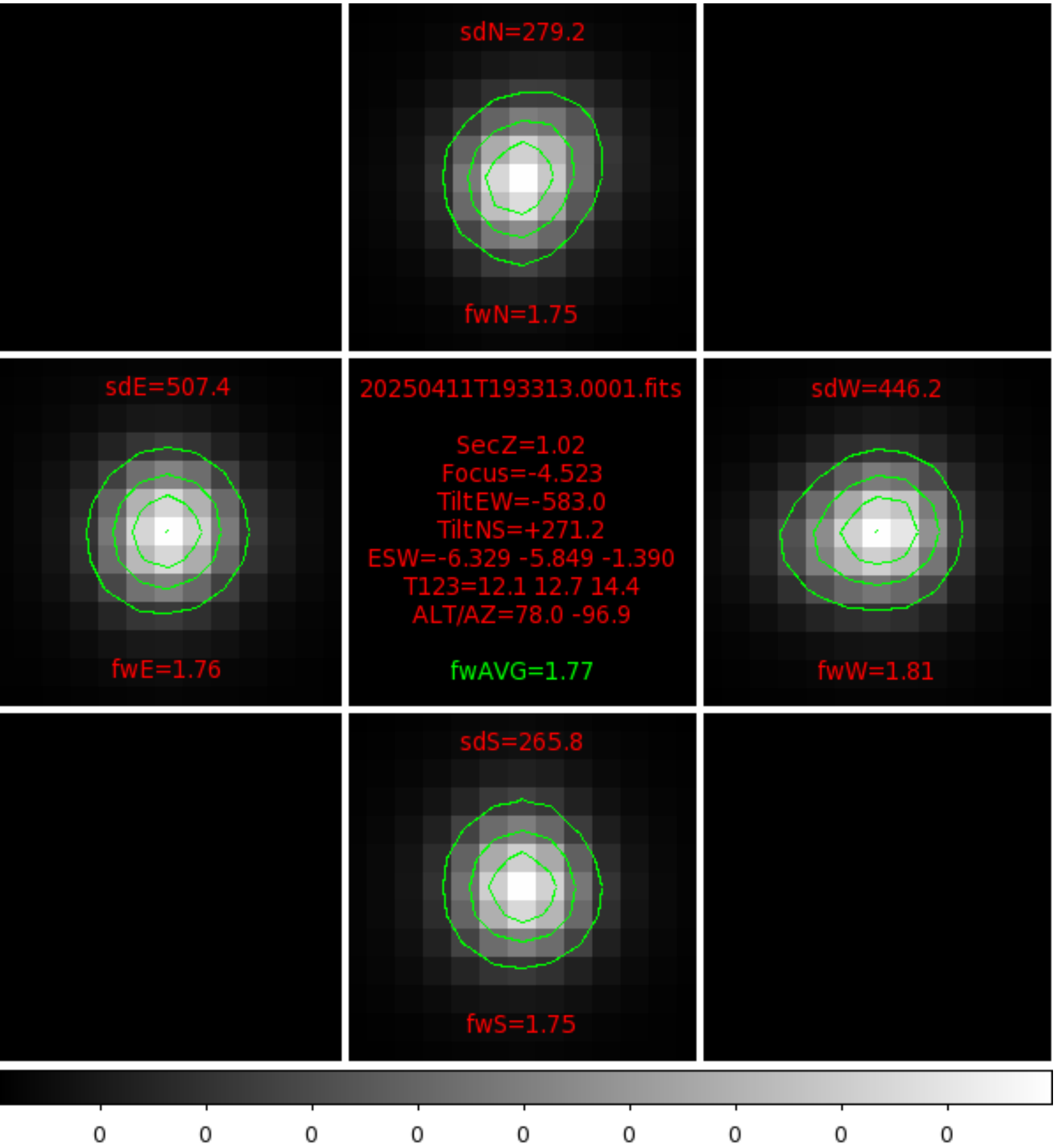
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SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.329 -5.849 -1.390
T123=12.1 12.7 14.4
ALT/AZ=78.0 -96.9
fwAVG=1.77
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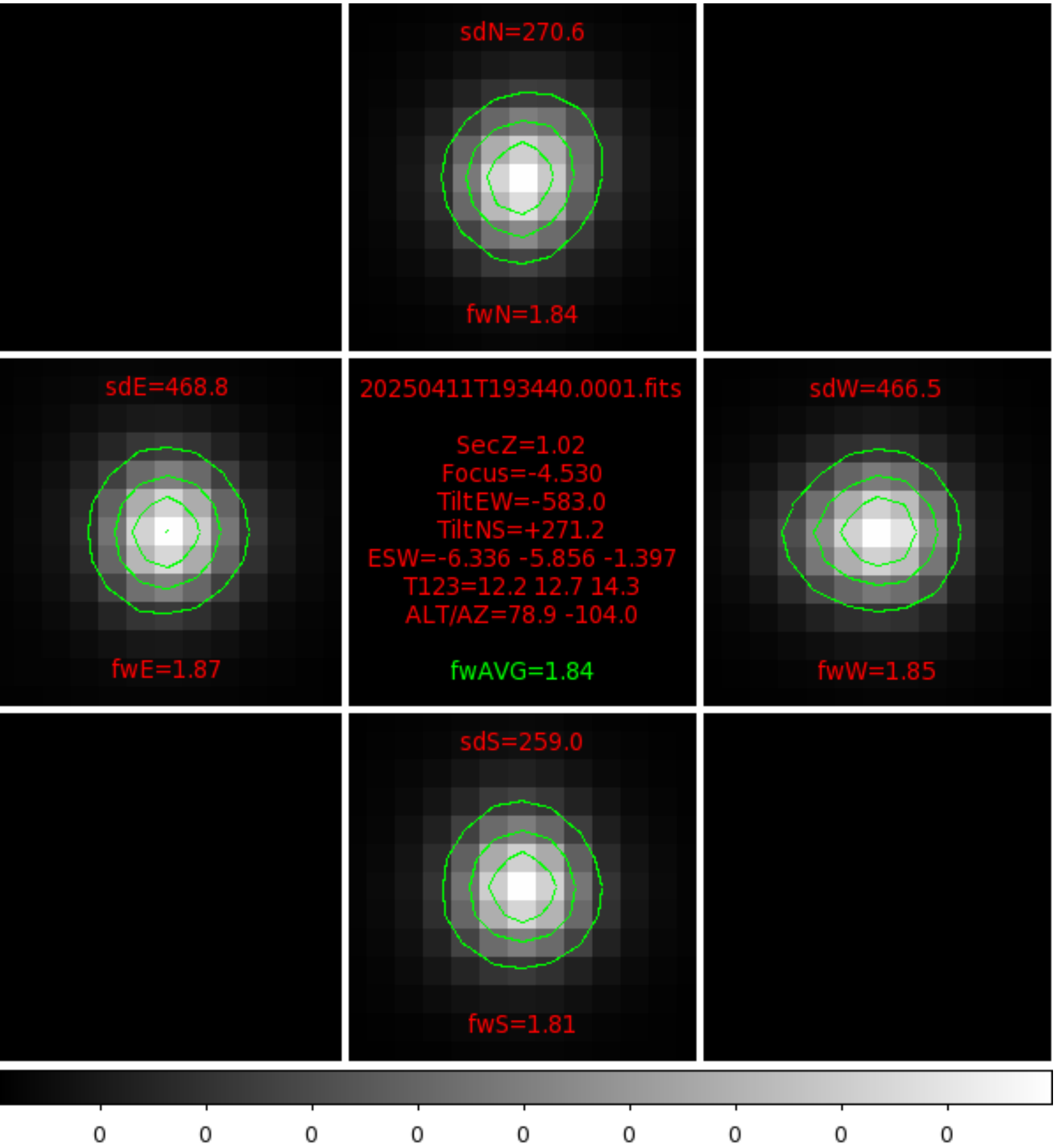
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SecZ=1.02
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TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.2 12.7 14.3
ALT/AZ=78.9 -104.0
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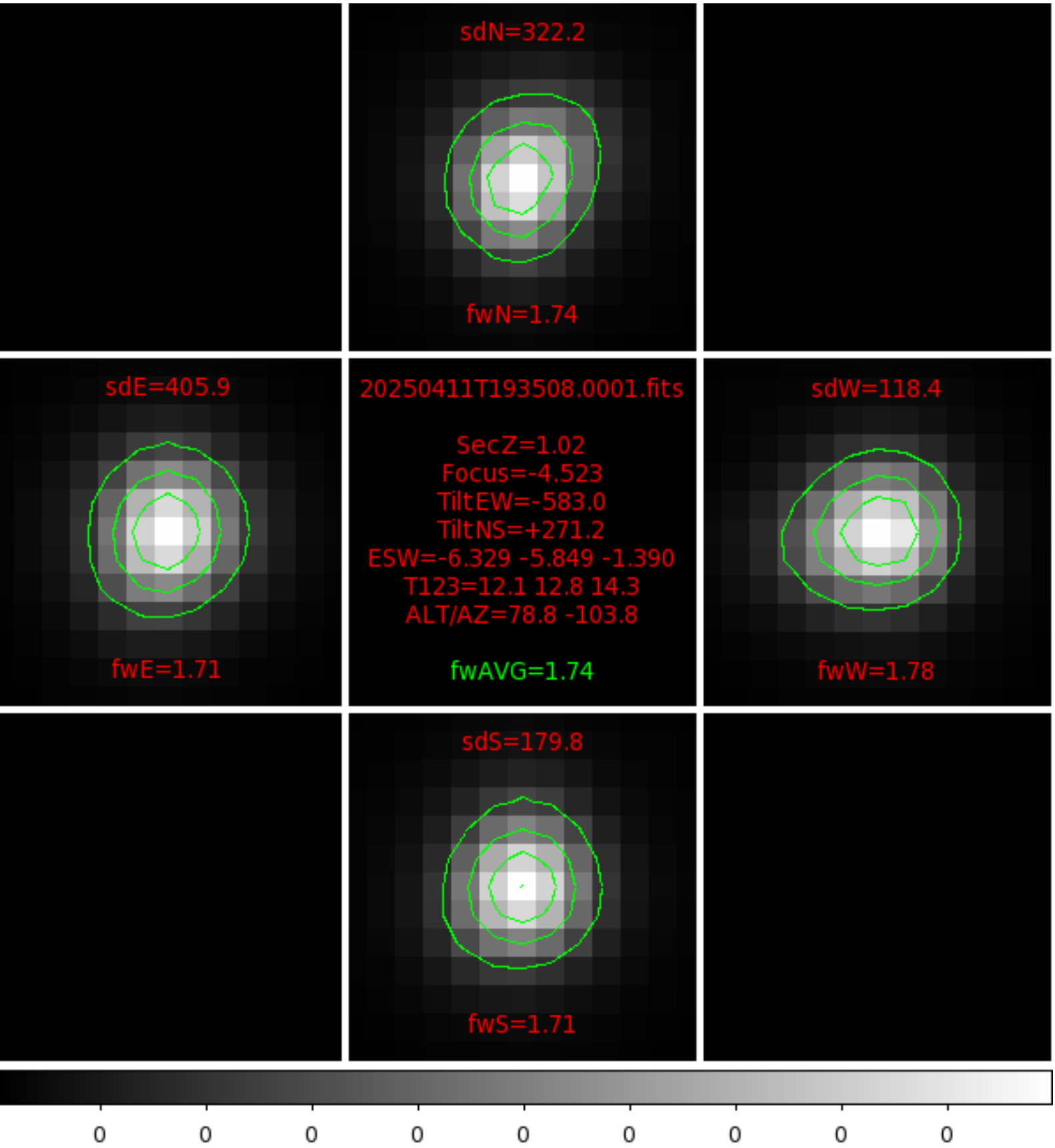
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SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.329 -5.849 -1.390
T123=12.1 12.8 14.3
ALT/AZ=78.8 -103.8
fwAVG=1.74
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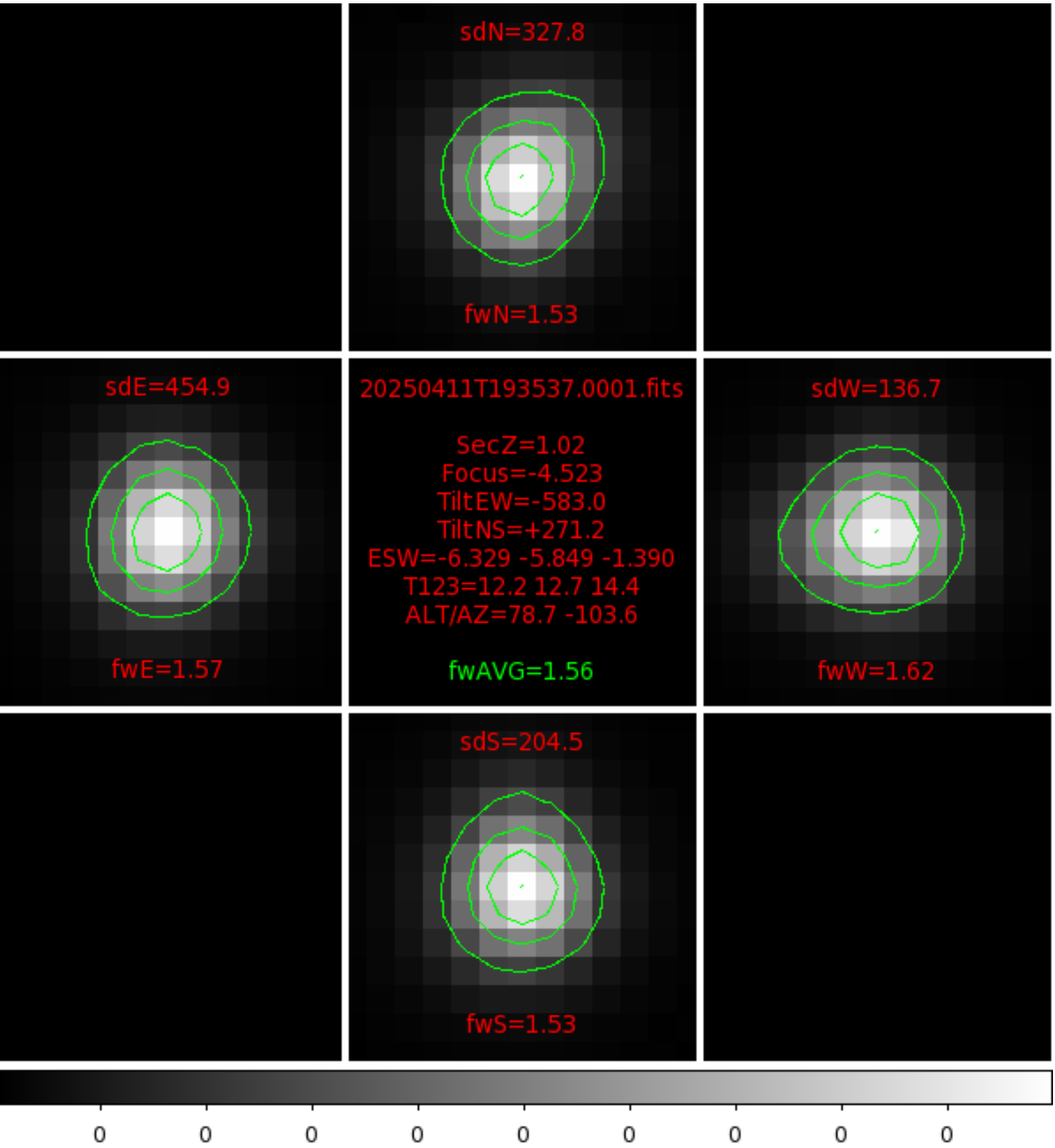
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SecZ=1.02
Focus=-4.523
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.329 -5.849 -1.390
T123=12.2 12.7 14.4
ALT/AZ=78.7 -103.6
fwAVG=1.56
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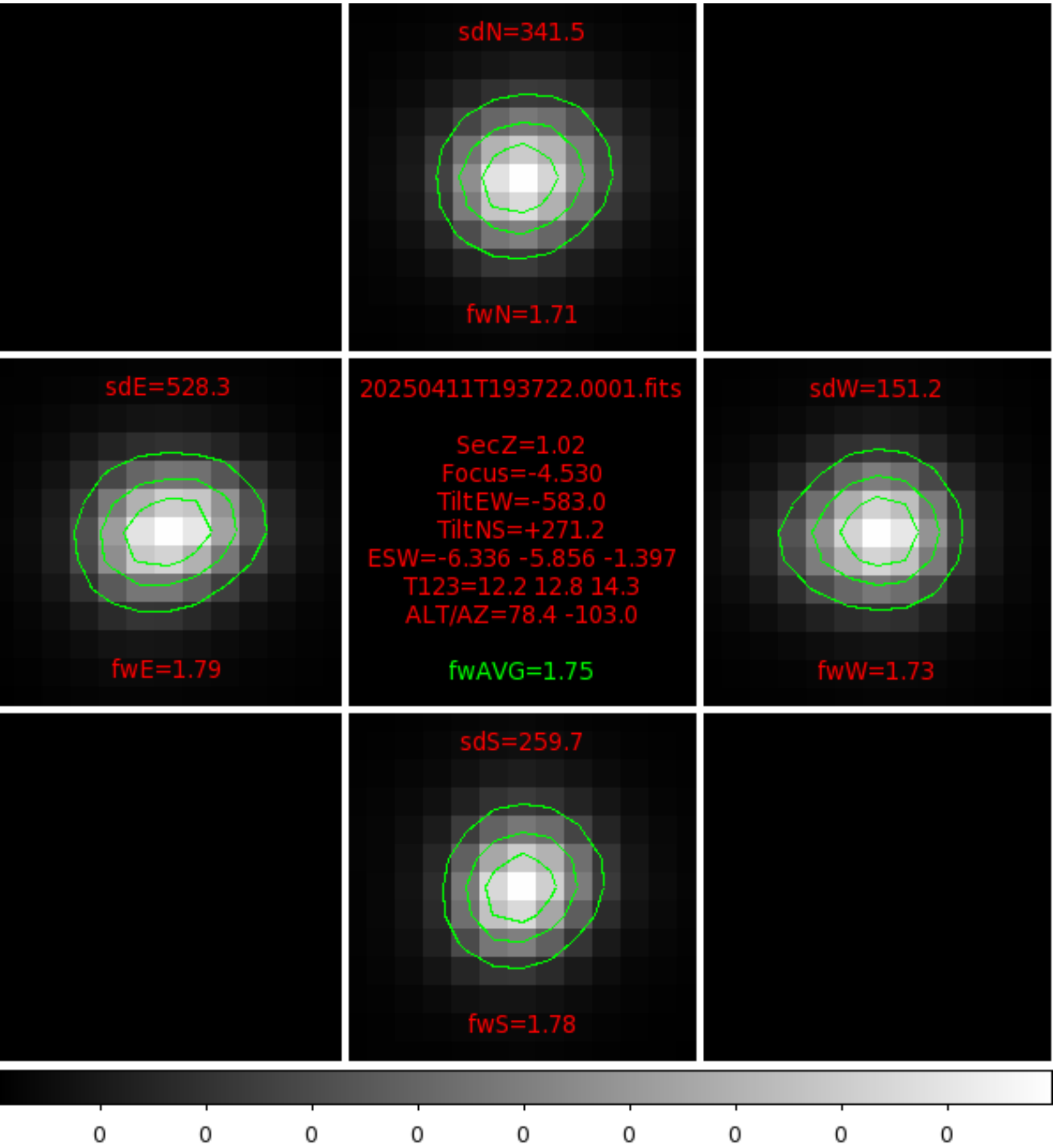
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SecZ=1.02
Focus=-4.530
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.336 -5.856 -1.397
T123=12.2 12.8 14.3
ALT/AZ=78.4 -103.0
fwAVG=1.75
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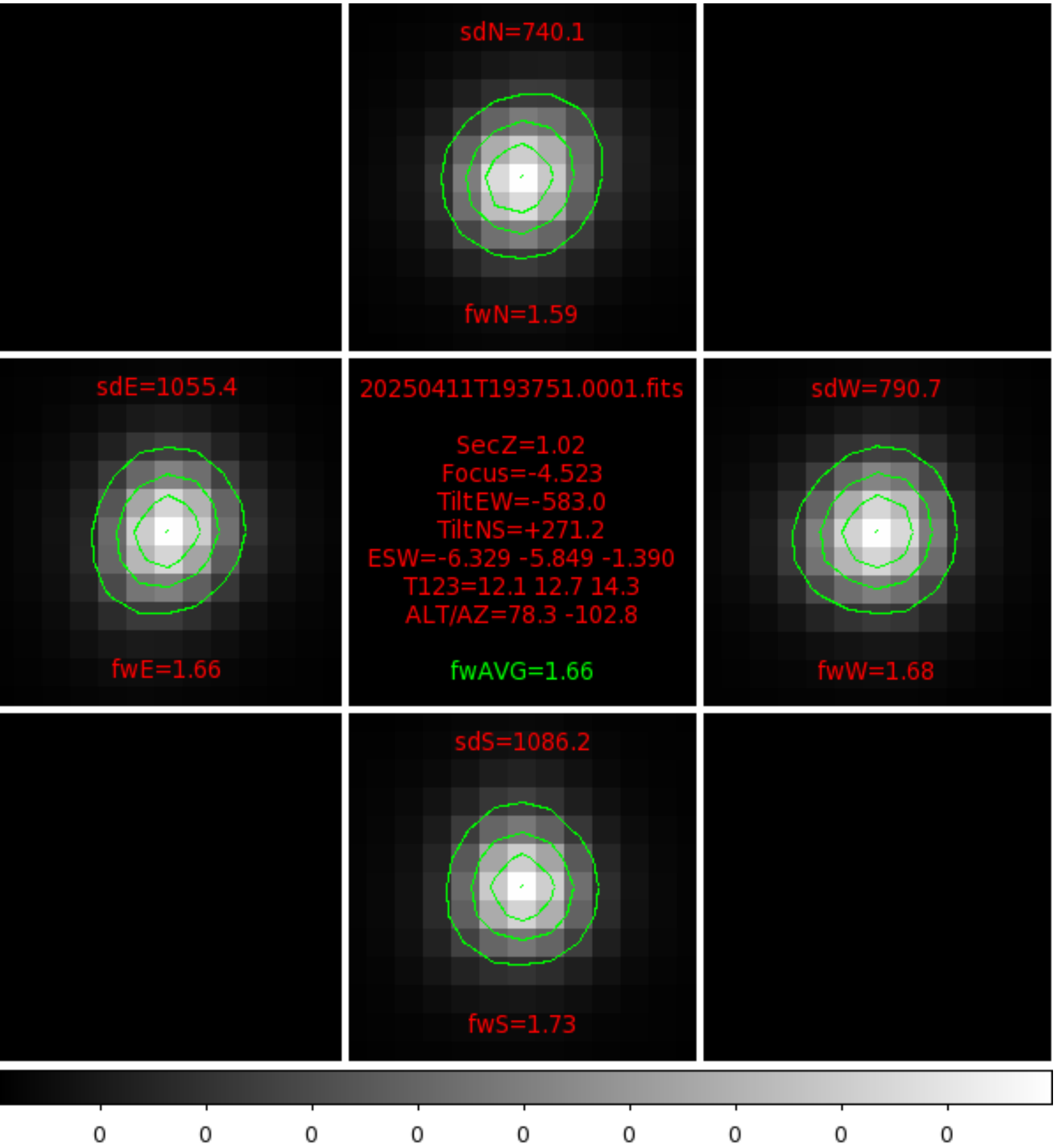
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sdE=1055.4
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SecZ=1.02
Focus=-4.523
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.329 -5.849 -1.390
T123=12.1 12.7 14.3
ALT/AZ=78.3 -102.8
fwAVG=1.66
sdW=790.7
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sdS=1086.2
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