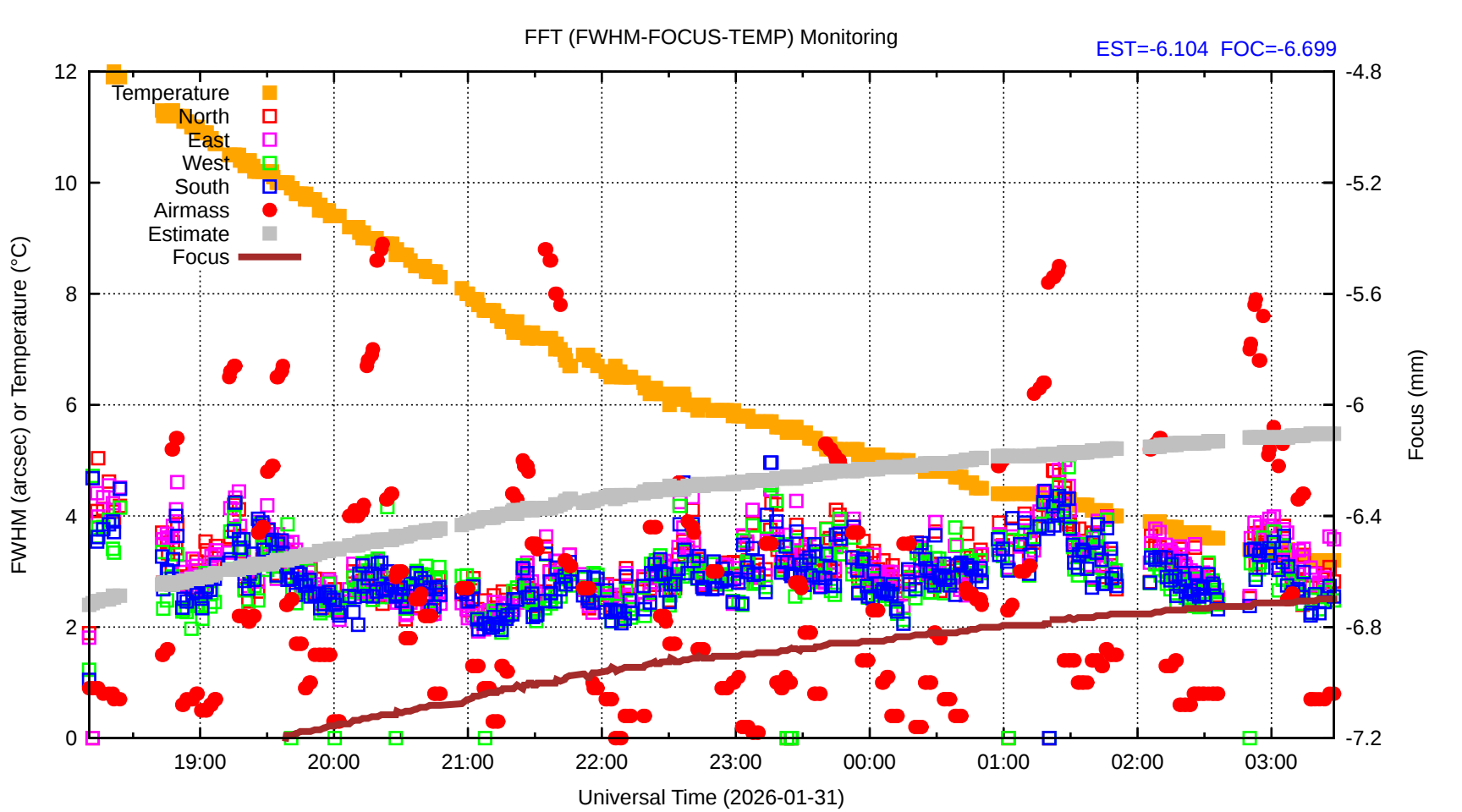
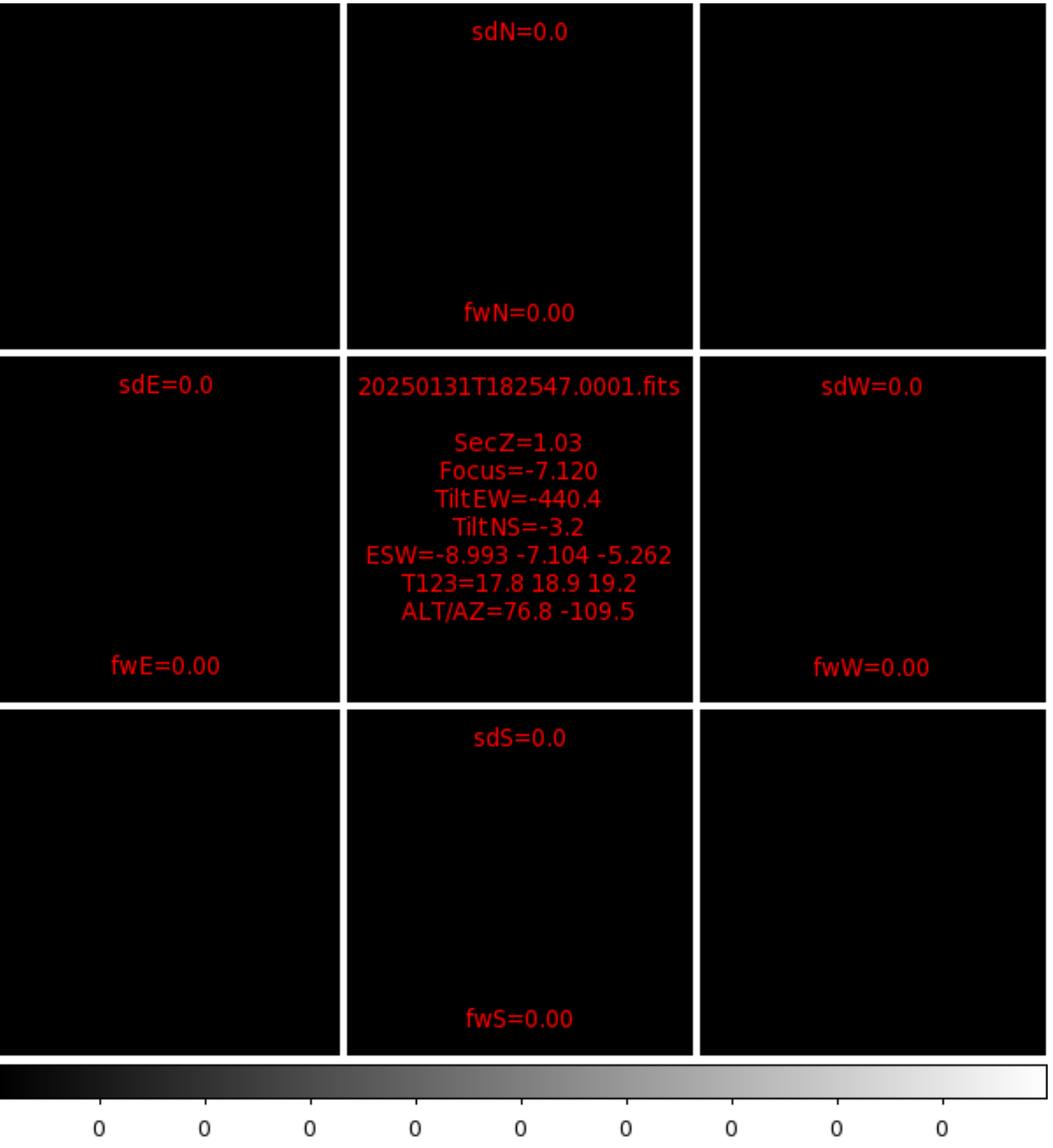
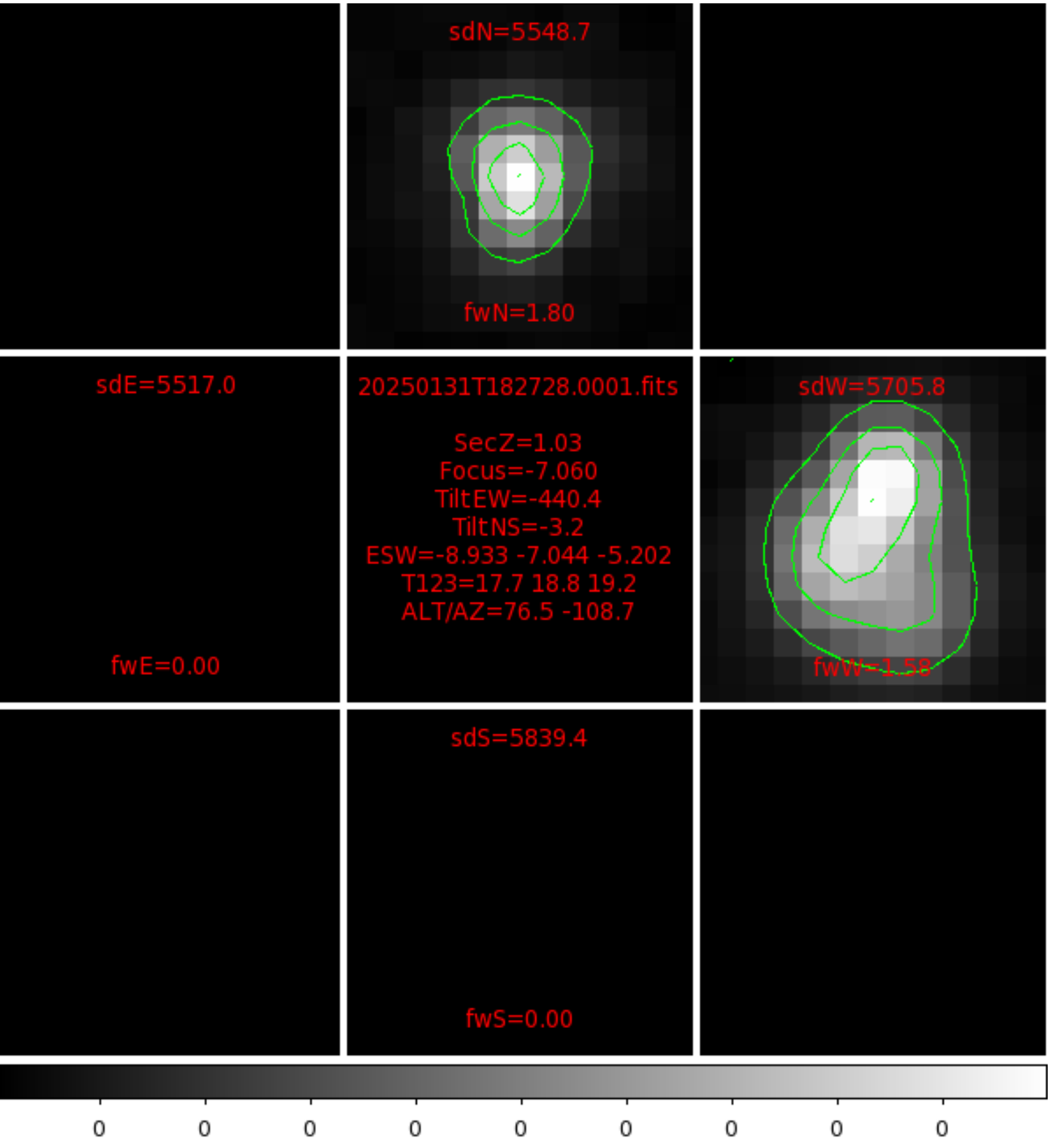
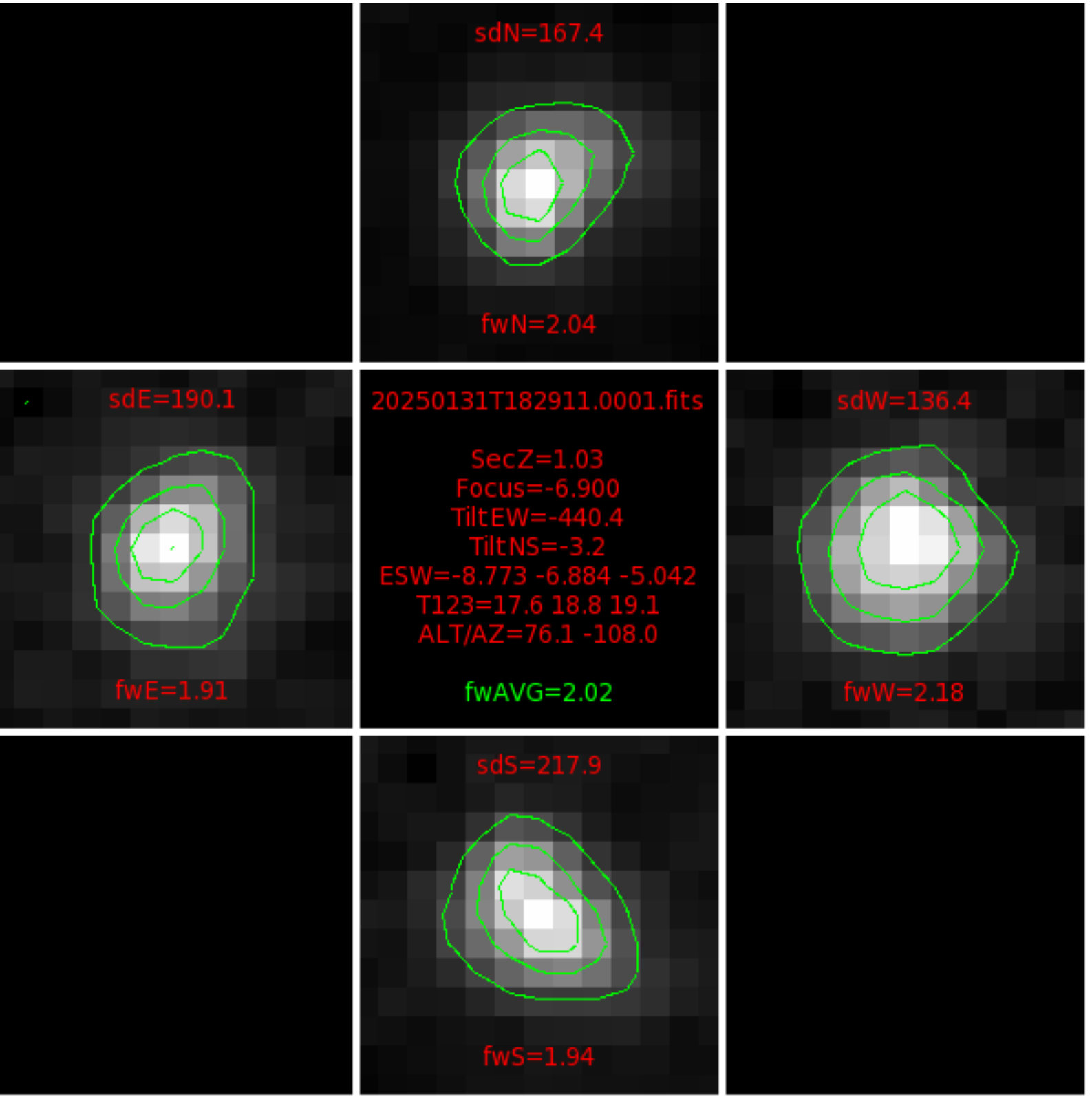
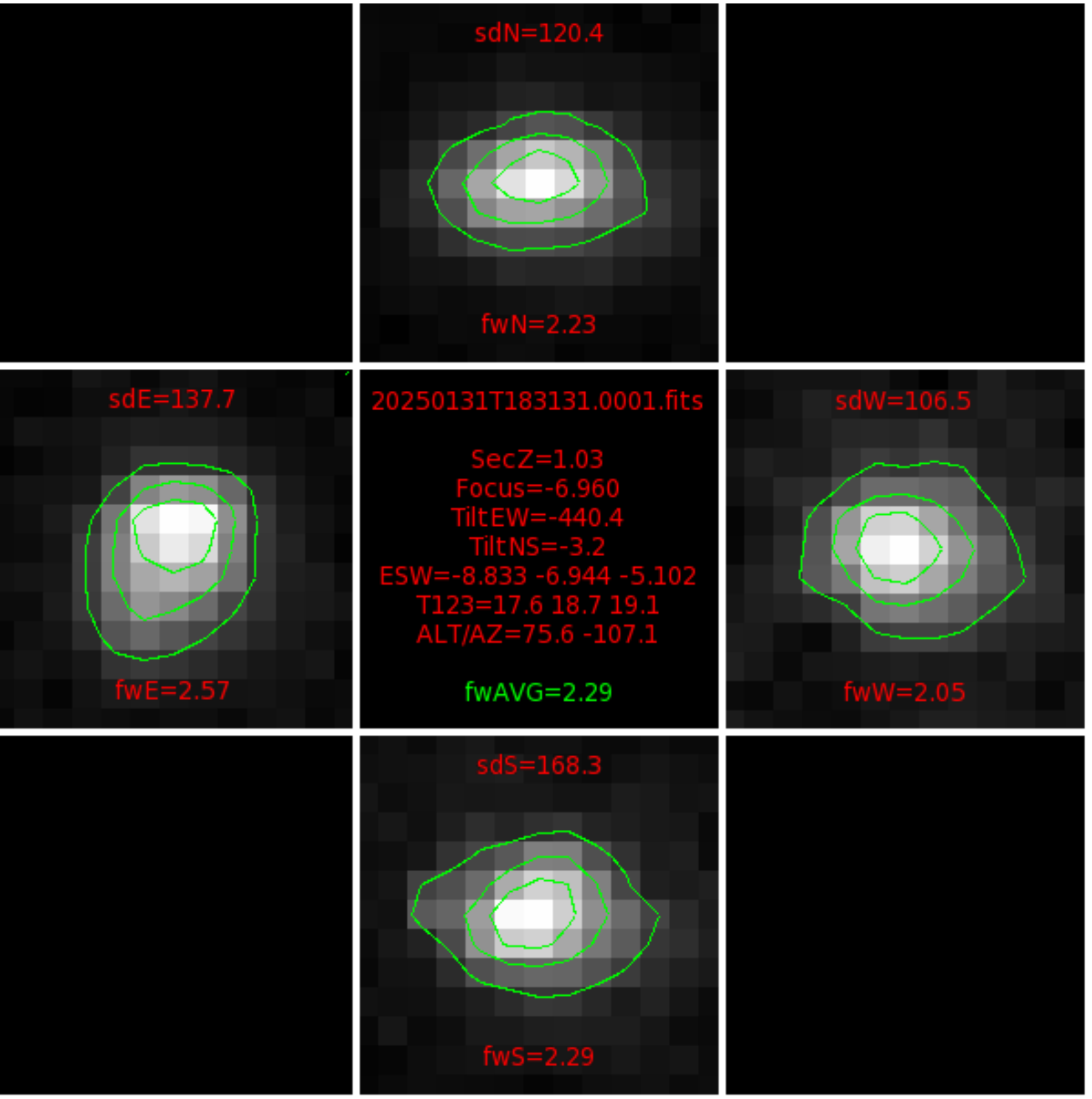

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-6.104 FOC=-6.699
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2026-01-31)
0
2
4
6
8
10
12
-4.8
-5.2
-5.6
-6
-6.4
-6.8
-7.2
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
03:00


sdN=0.0
fwN=0.00
sdE=0.0
20250131T182547.0001.fits
SecZ=1.03
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=17.8 18.9 19.2
ALT/AZ=76.8 -109.5
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=5548.7
fwN=1.80
sdE=5517.0
fwE=0.00
20250131T182728.0001.fits
SecZ=1.03
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=17.7 18.8 19.2
ALT/AZ=76.5 -108.7
sdW=5705.8
fwW=1.58
sdS=5839.4
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=167.4
fwN=2.04
sdE=190.1
fwE=1.91
20250131T182911.0001.fits
SecZ=1.03
Focus=-6.900
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.773 -6.884 -5.042
T123=17.6 18.8 19.1
ALT/AZ=76.1 -108.0
fwAVG=2.02
sdW=136.4
fwW=2.18
sdS=217.9
fwS=1.94
0 0 0 0 0 0 0 0 0


sdN=120.4
fwN=2.23
sdE=137.7
fwE=2.57
20250131T183131.0001.fits
SecZ=1.03
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.6 18.7 19.1
ALT/AZ=75.6 -107.1
fwAVG=2.29
sdW=106.5
fwW=2.05
sdS=168.3
fwS=2.29
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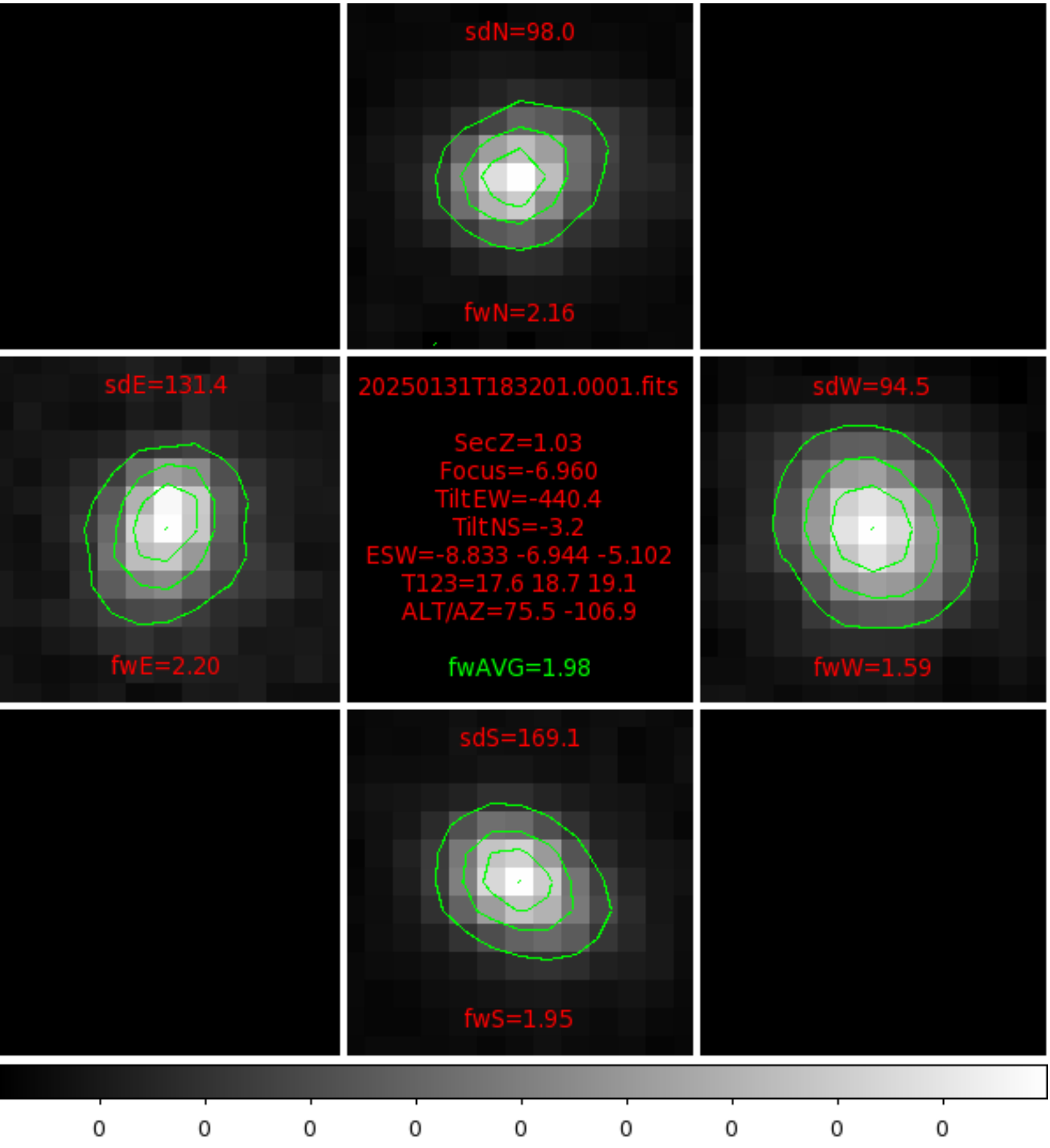
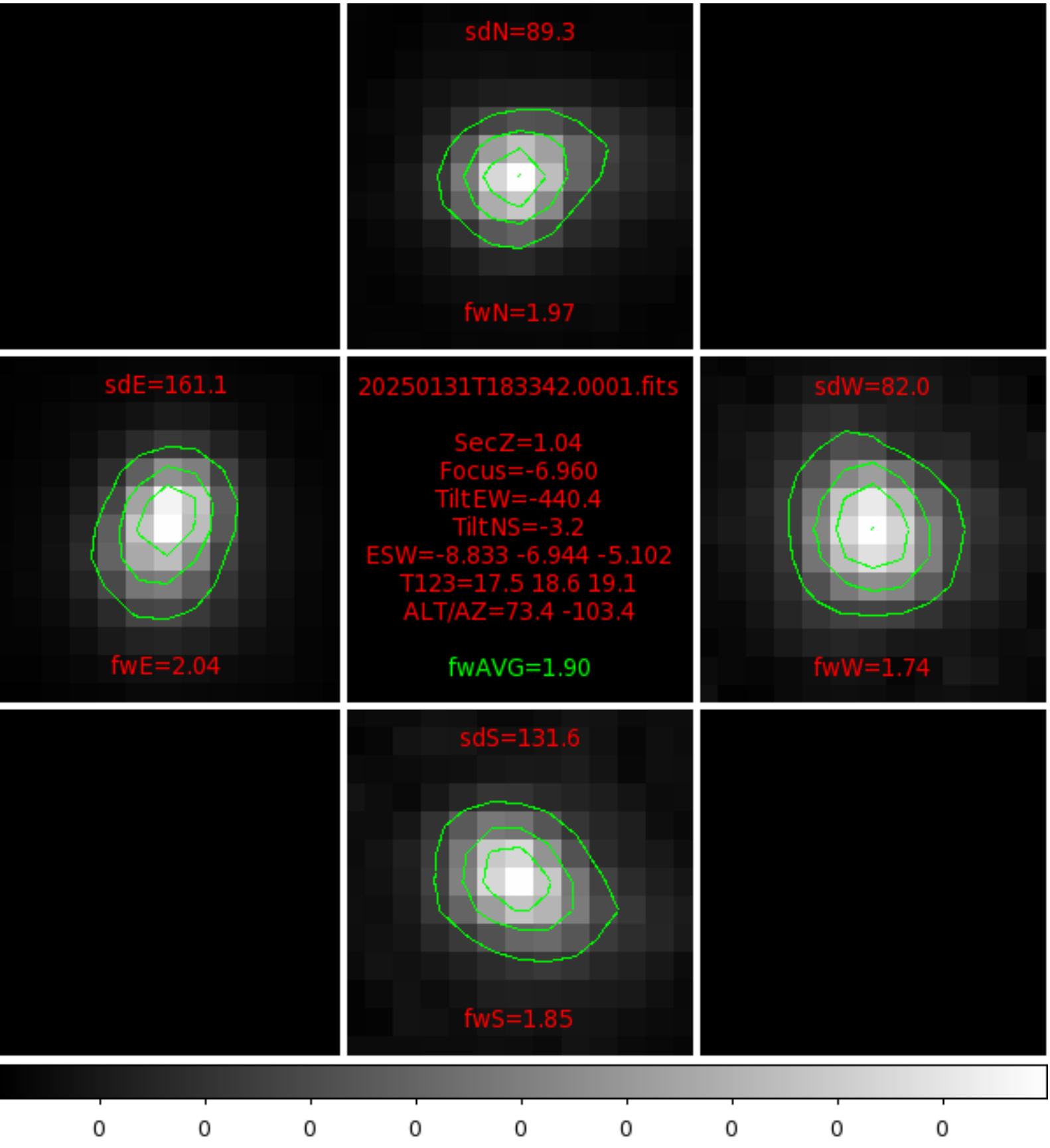
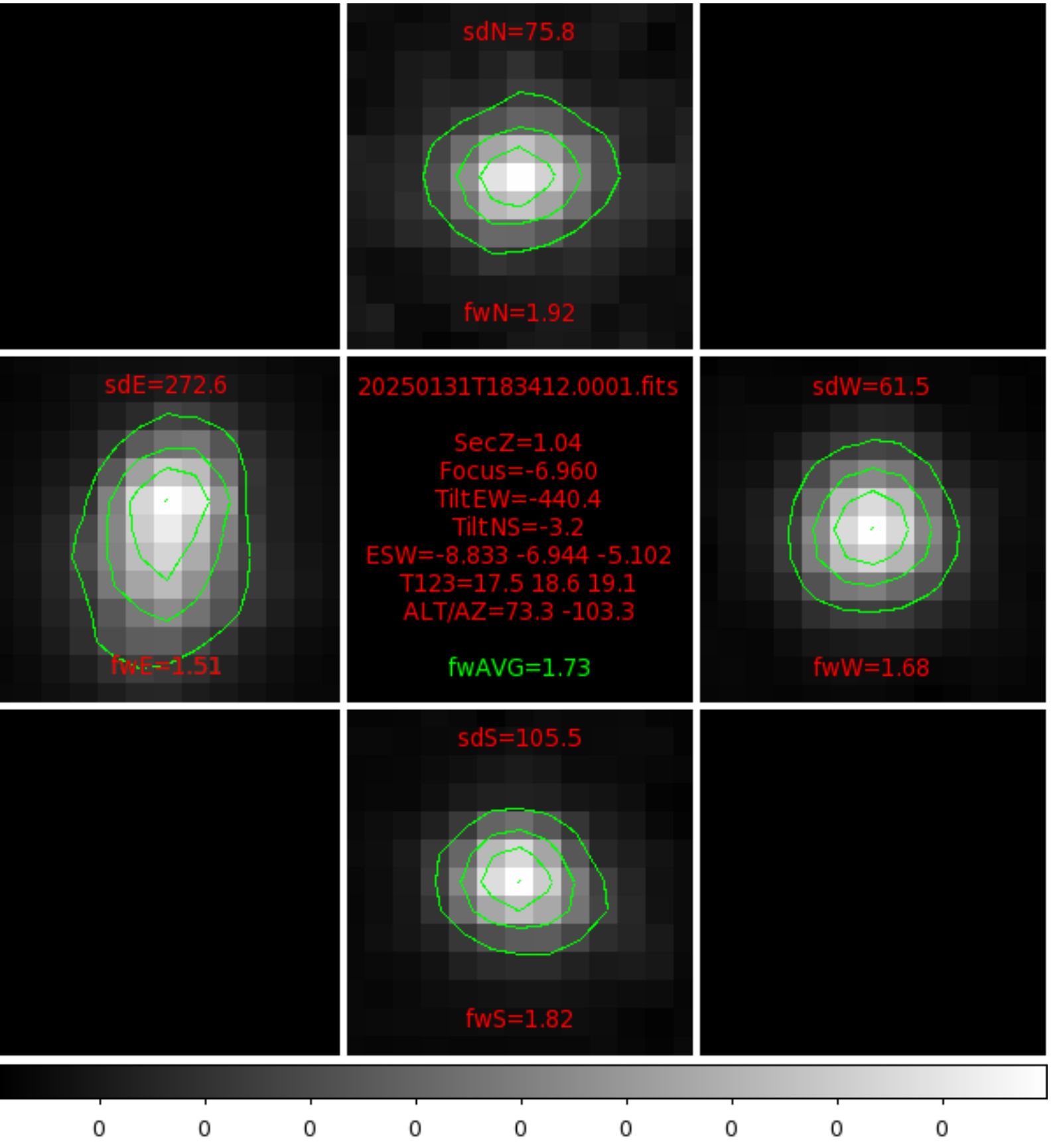
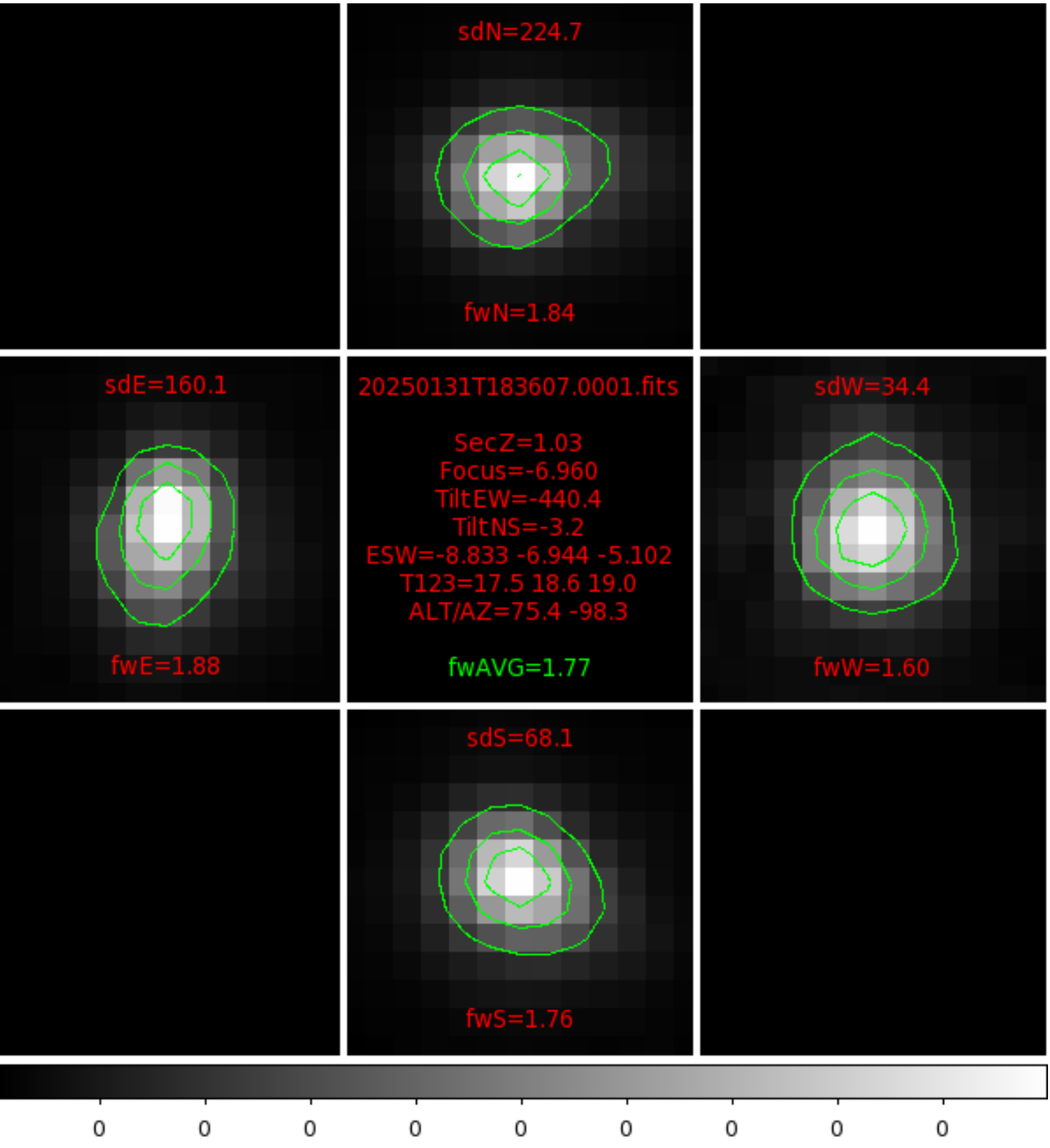
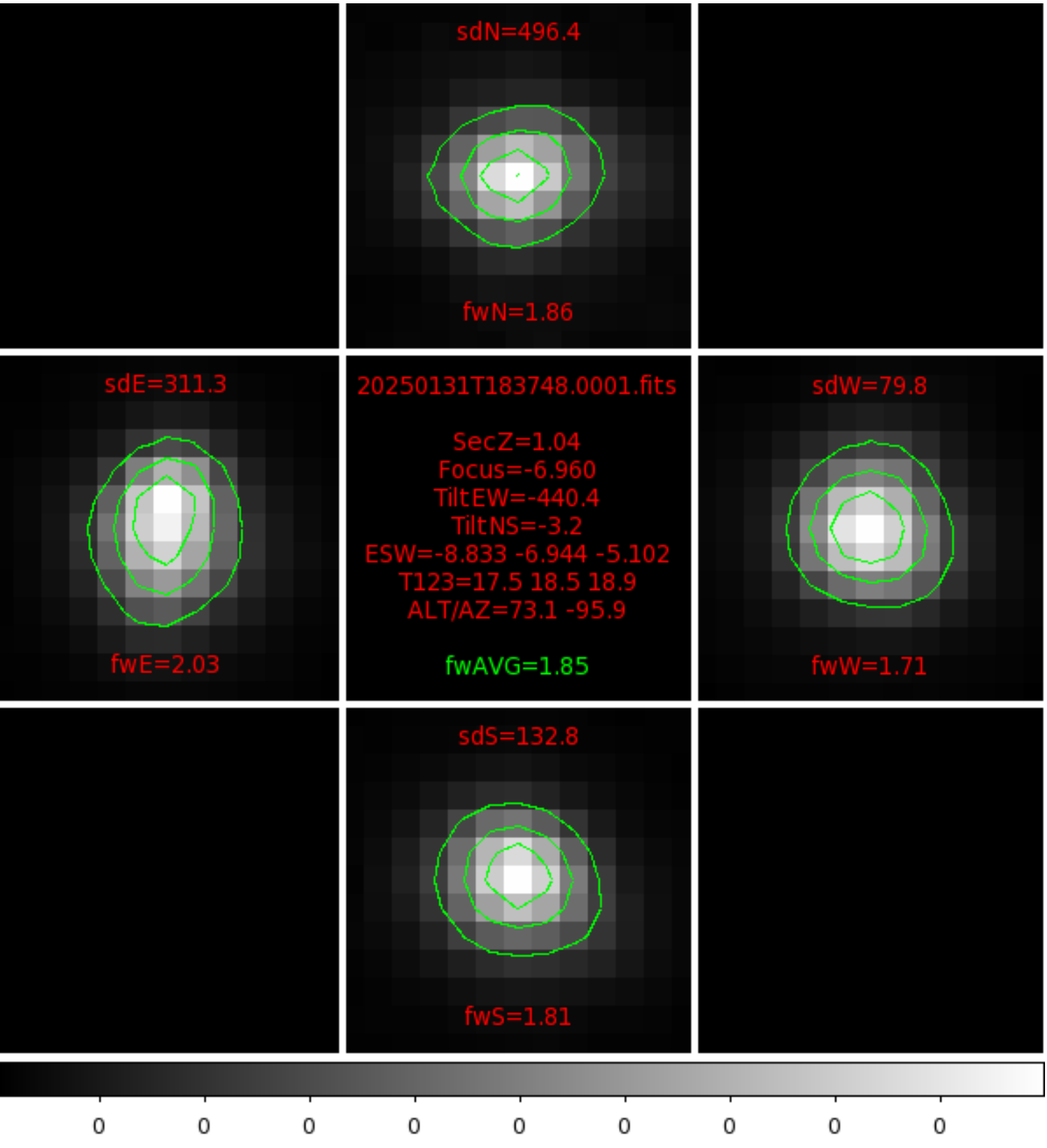
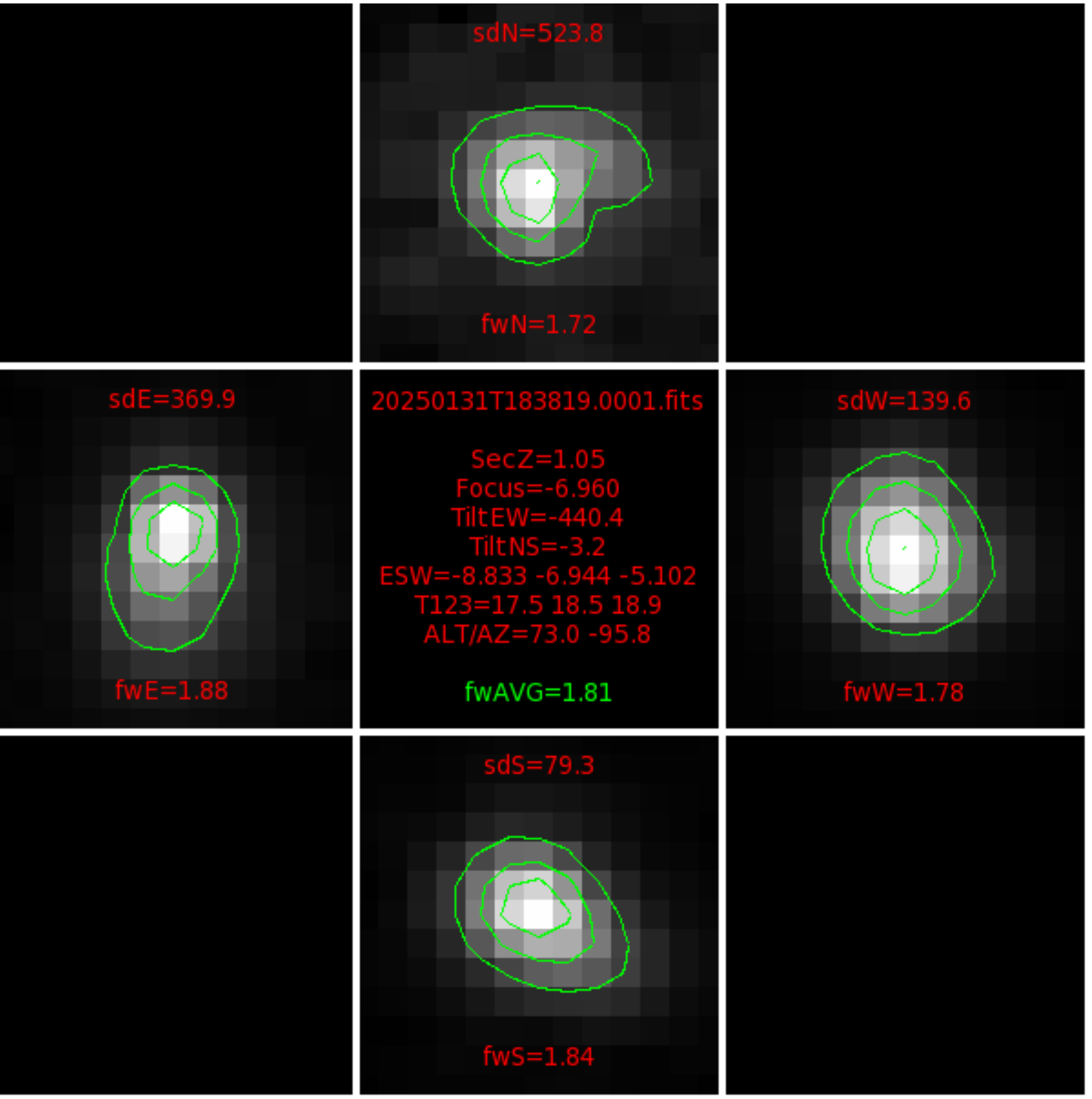

sdN=98.0
fwN=2.16
sdE=131.4
fwE=2.20
20250131T183201.0001.fits
SecZ=1.03
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.6 18.7 19.1
ALT/AZ=75.5 -106.9
fwAVG=1.98
sdW=94.5
fwW=1.59
sdS=169.1
fwS=1.95
0 0 0 0 0 0 0 0 0

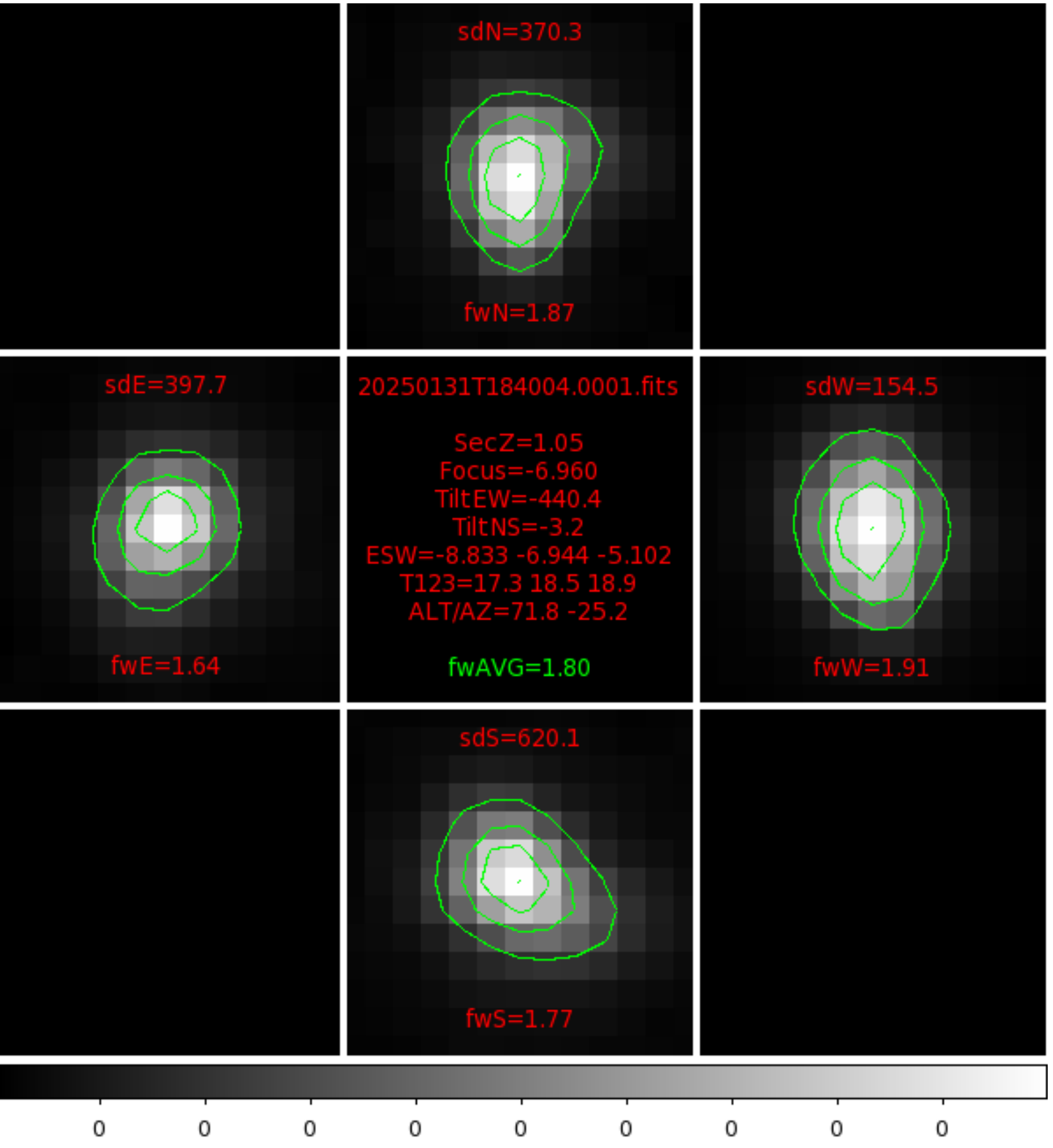

sdN=89.3
fwN=1.97
sdE=161.1
fwE=2.04
20250131T183342.0001.fits
SecZ=1.04
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.6 19.1
ALT/AZ=73.4 -103.4
fwAVG=1.90
sdW=82.0
fwW=1.74
sdS=131.6
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=75.8
fwN=1.92
sdE=272.6
fwE=1.51
20250131T183412.0001.fits
SecZ=1.04
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.6 19.1
ALT/AZ=73.3 -103.3
fwAVG=1.73
sdW=61.5
fwW=1.68
sdS=105.5
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=224.7
fwN=1.84
sdE=160.1
fwE=1.88
20250131T183607.0001.fits
SecZ=1.03
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.6 19.0
ALT/AZ=75.4 -98.3
fwAVG=1.77
sdW=34.4
fwW=1.60
sdS=68.1
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=496.4
fwN=1.86
sdE=311.3
fwE=2.03
20250131T183748.0001.fits
SecZ=1.04
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.5 18.9
ALT/AZ=73.1 -95.9
fwAVG=1.85
sdW=79.8
fwW=1.71
sdS=132.8
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=523.8
fwN=1.72
sdE=369.9
fwE=1.88
20250131T183819.0001.fits
SecZ=1.05
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.5 18.9
ALT/AZ=73.0 -95.8
fwAVG=1.81
sdW=139.6
fwW=1.78
sdS=79.3
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=370.3
fwN=1.87
sdE=397.7
fwE=1.64
20250131T184004.0001.fits
SecZ=1.05
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.3 18.5 18.9
ALT/AZ=71.8 -25.2
fwAVG=1.80
sdW=154.5
fwW=1.91
sdS=620.1
fwS=1.77
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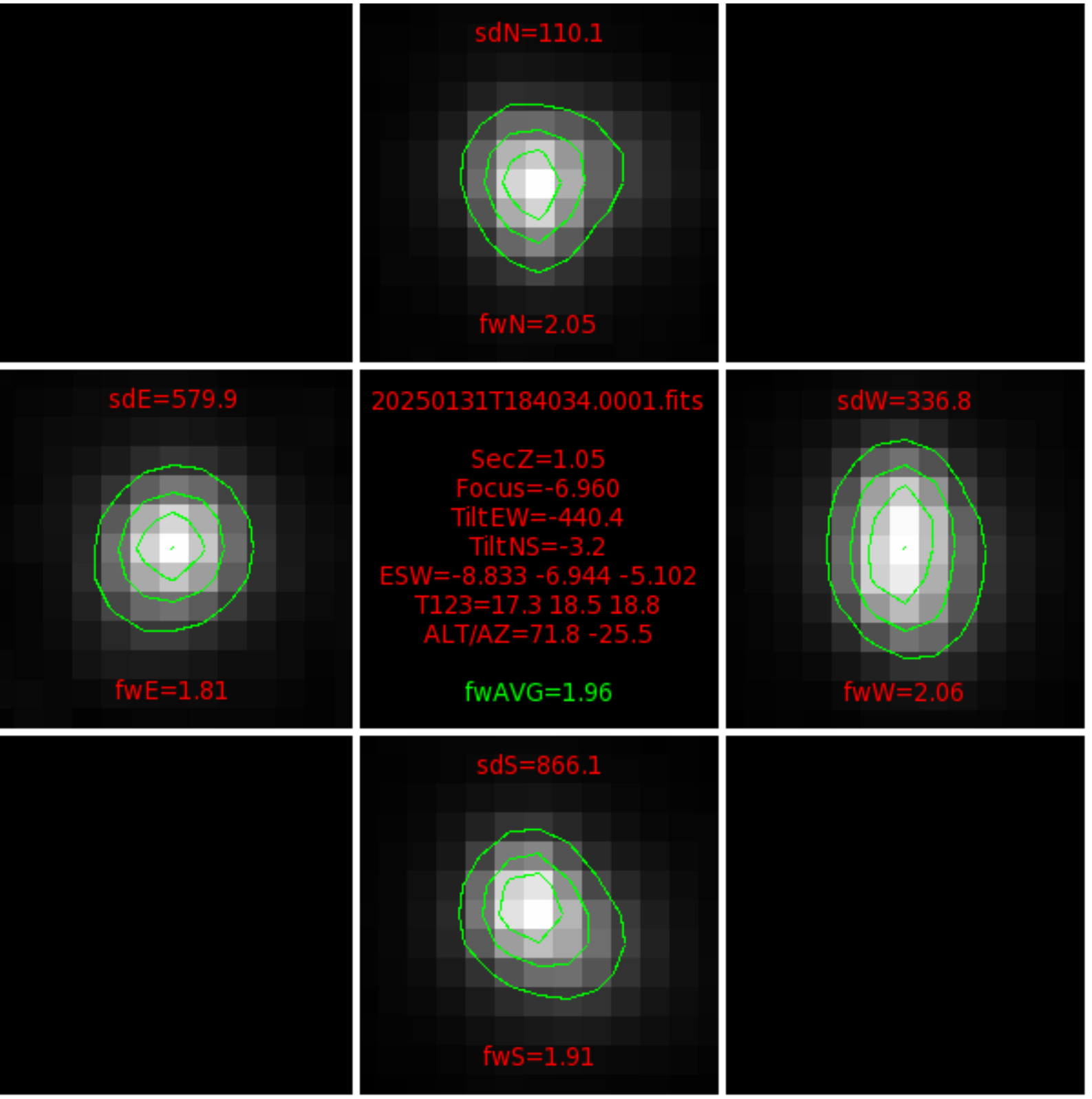
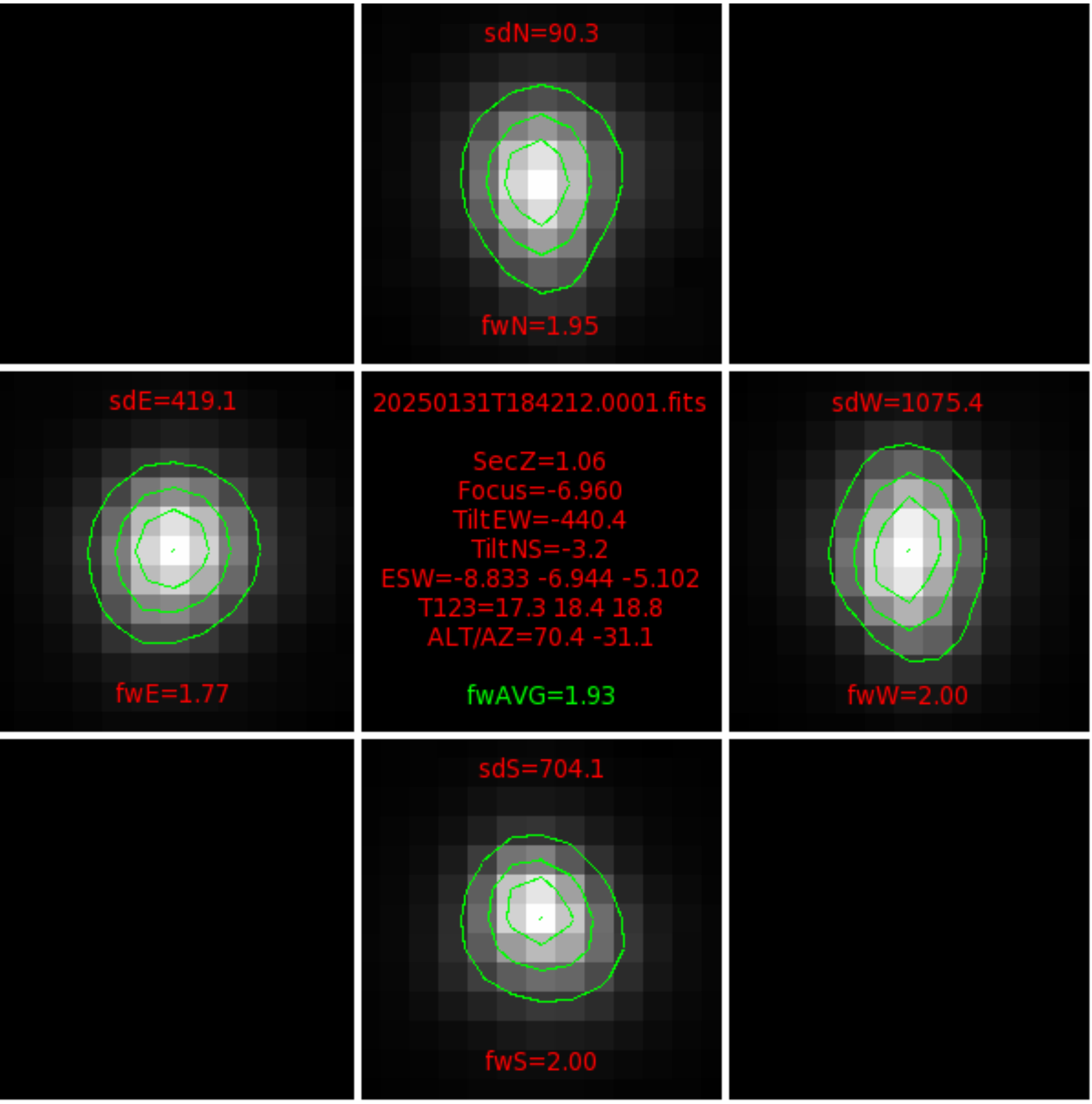
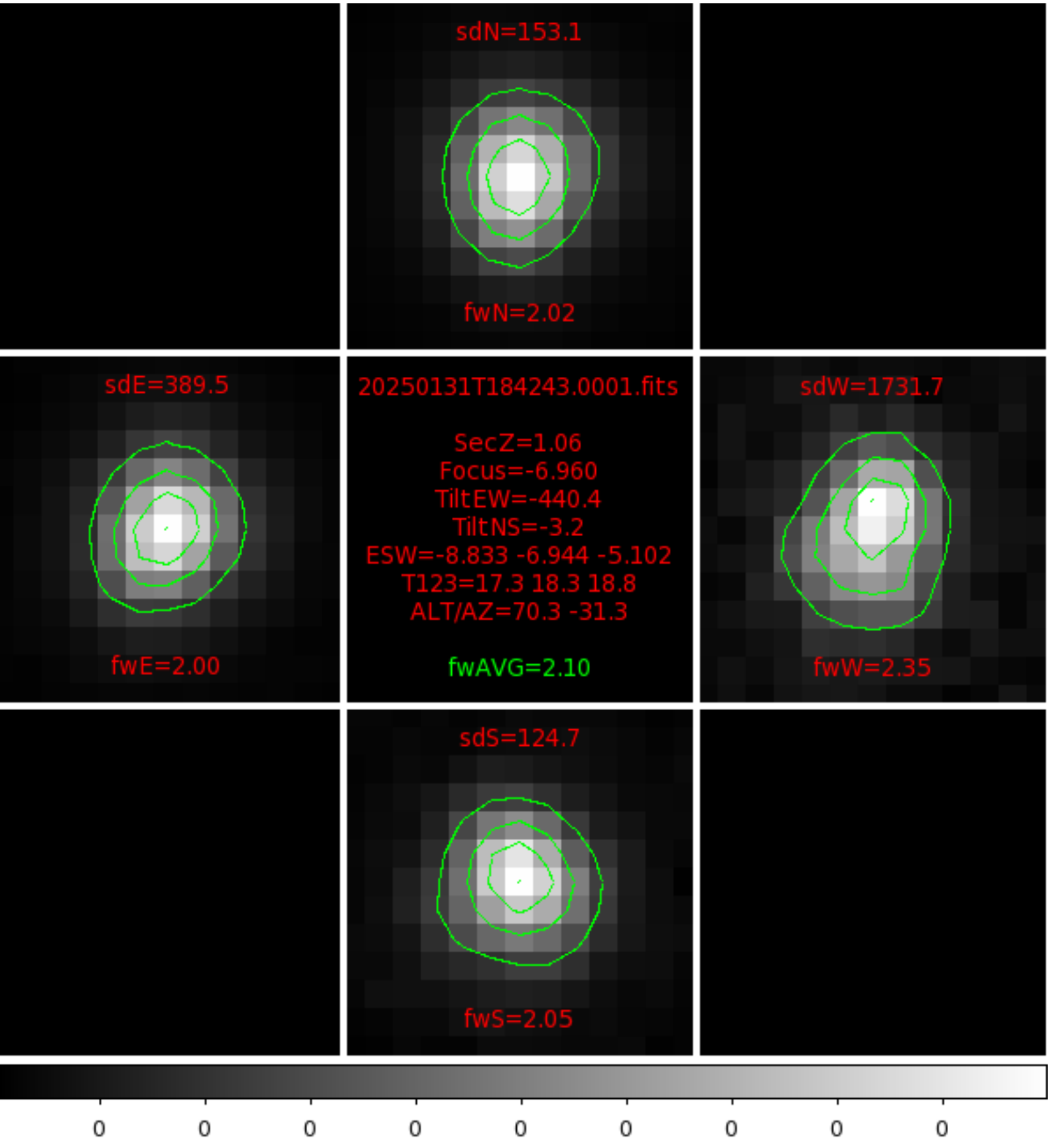
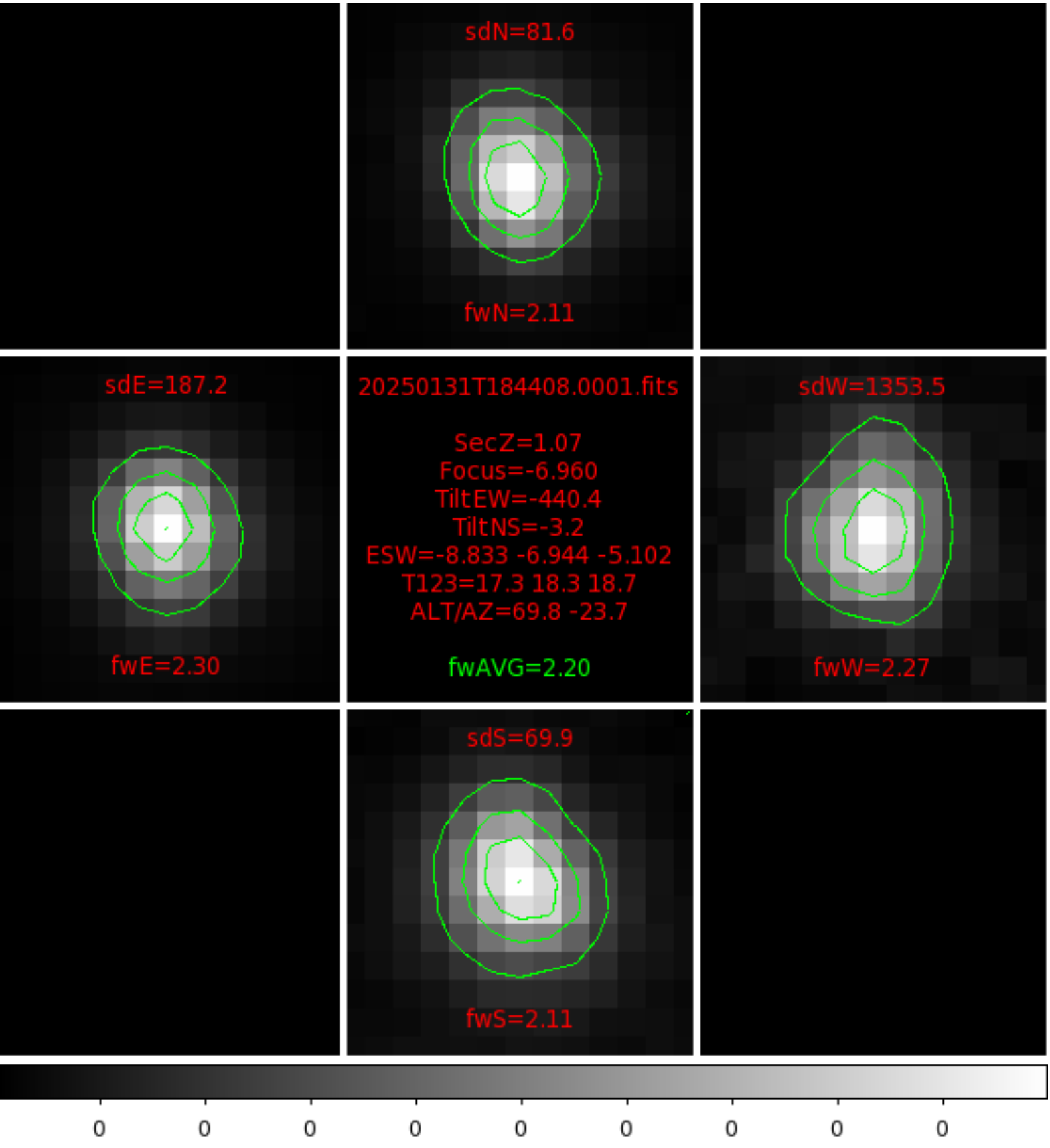
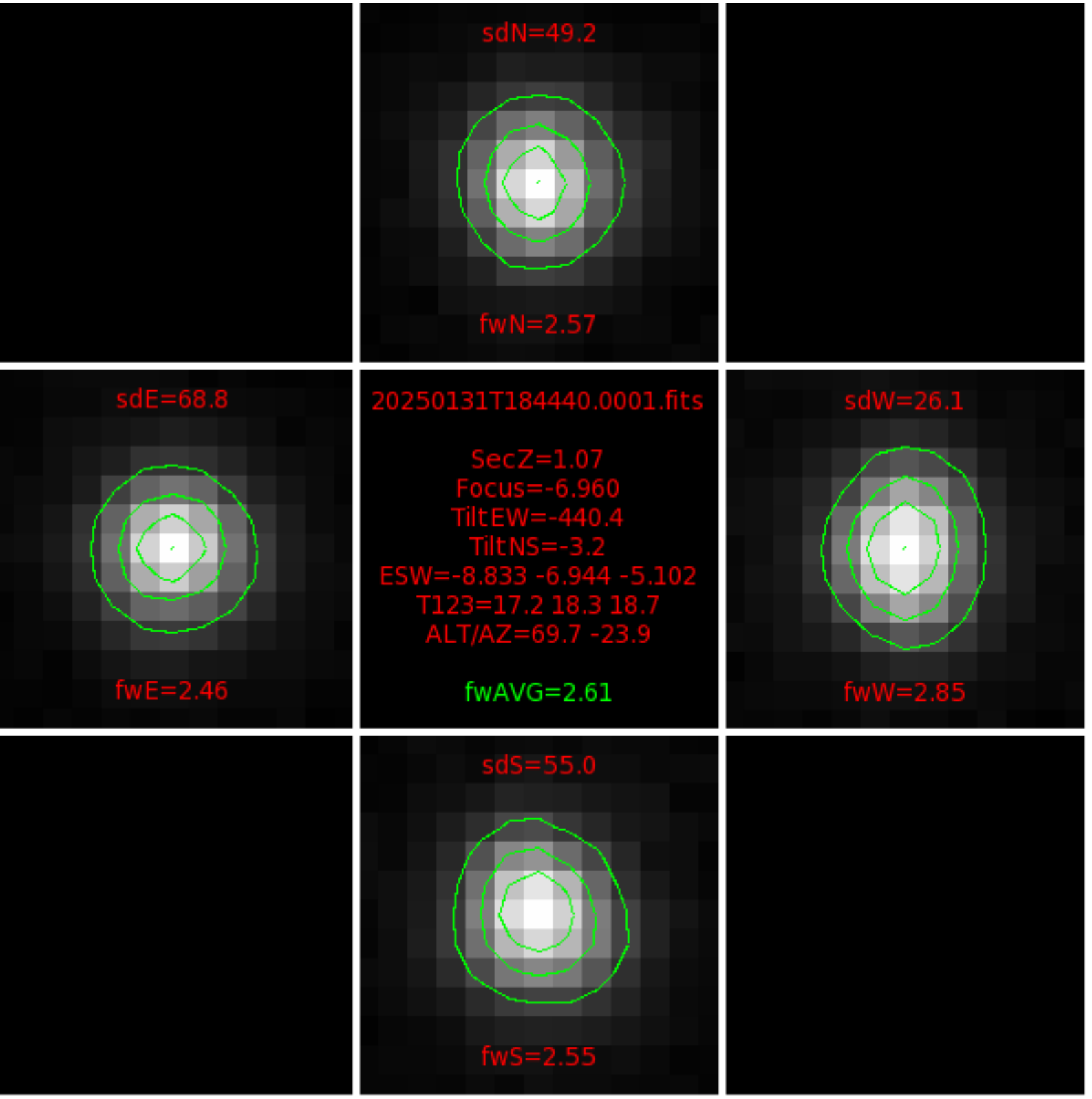
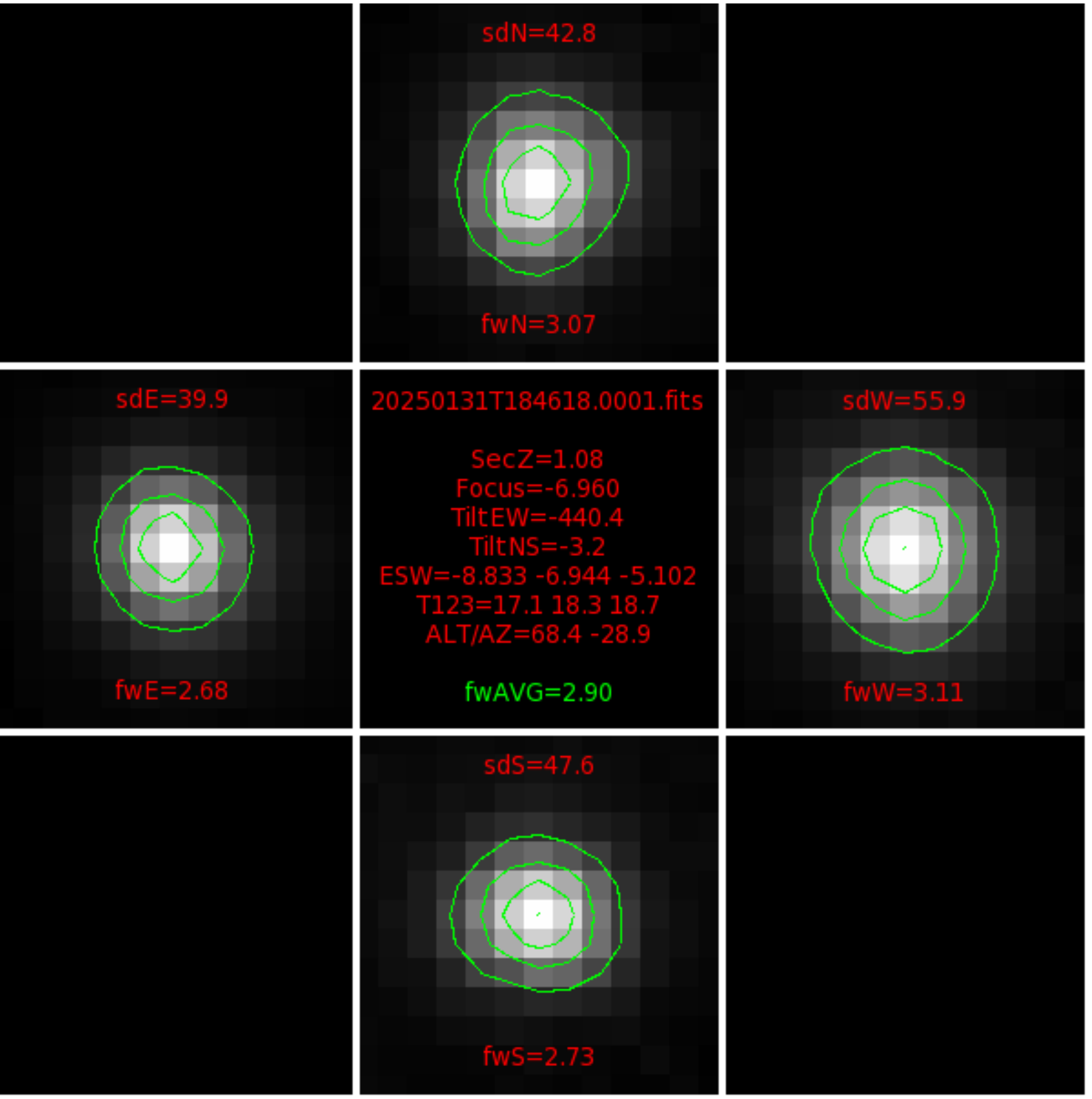

sdN=110.1
fwN=2.05
sdE=579.9
fwE=1.81
20250131T184034.0001.fits
SecZ=1.05
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.3 18.5 18.8
ALT/AZ=71.8 -25.5
fwAVG=1.96
sdW=336.8
fwW=2.06
sdS=866.1
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=90.3
fwN=1.95
sdE=419.1
fwE=1.77
20250131T184212.0001.fits
SecZ=1.06
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.3 18.4 18.8
ALT/AZ=70.4 -31.1
fwAVG=1.93
sdW=1075.4
fwW=2.00
sdS=704.1
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=153.1
fwN=2.02
sdE=389.5
fwE=2.00
20250131T184243.0001.fits
SecZ=1.06
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.3 18.3 18.8
ALT/AZ=70.3 -31.3
fwAVG=2.10
sdW=1731.7
fwW=2.35
sdS=124.7
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=81.6
fwN=2.11
sdE=187.2
fwE=2.30
20250131T184408.0001.fits
SecZ=1.07
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.3 18.3 18.7
ALT/AZ=69.8 -23.7
fwAVG=2.20
sdW=1353.5
fwW=2.27
sdS=69.9
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=49.2
fwN=2.57
sdE=68.8
fwE=2.46
20250131T184440.0001.fits
SecZ=1.07
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.2 18.3 18.7
ALT/AZ=69.7 -23.9
fwAVG=2.61
sdW=26.1
fwW=2.85
sdS=55.0
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=42.8
fwN=3.07
sdE=39.9
fwE=2.68
20250131T184618.0001.fits
SecZ=1.08
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.1 18.3 18.7
ALT/AZ=68.4 -28.9
fwAVG=2.90
sdW=55.9
fwW=3.11
sdS=47.6
fwS=2.73
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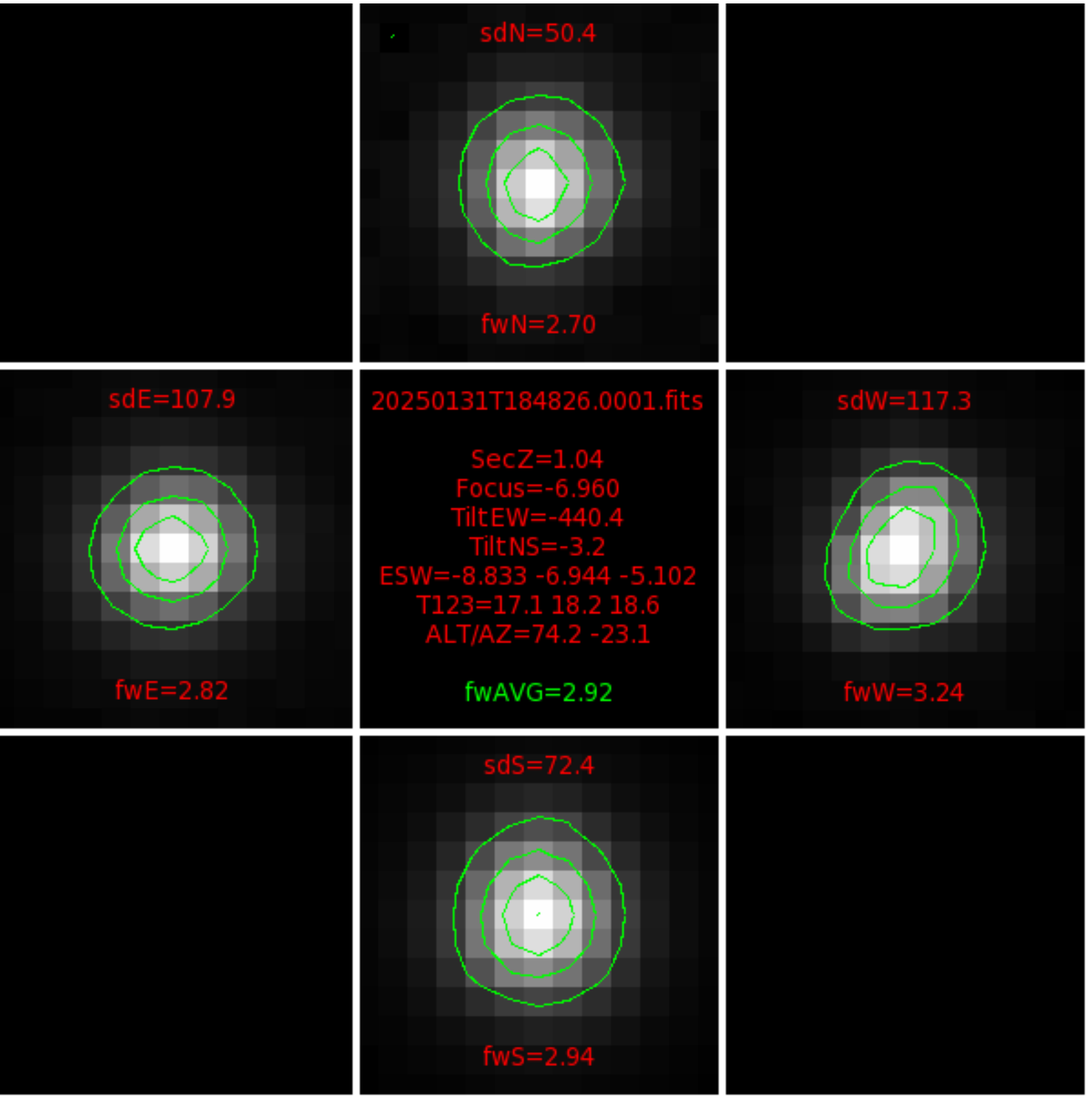
sdN=50.4
fwN=2.70
sdE=107.9
fwE=2.82
20250131T184826.0001.fits
SecZ=1.04
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.1 18.2 18.6
ALT/AZ=74.2 -23.1
fwAVG=2.92
sdW=117.3
fwW=3.24
sdS=72.4
fwS=2.94
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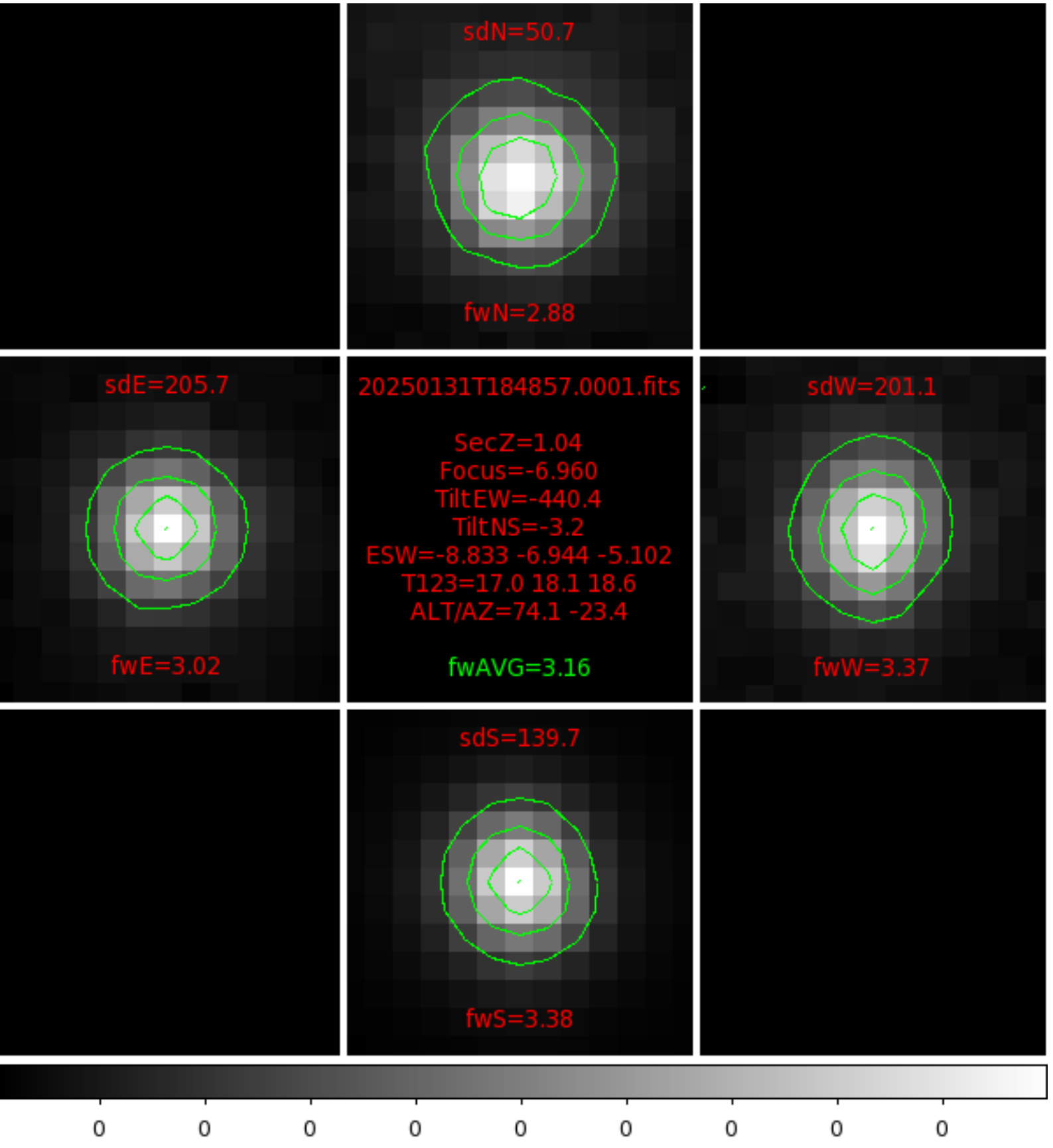
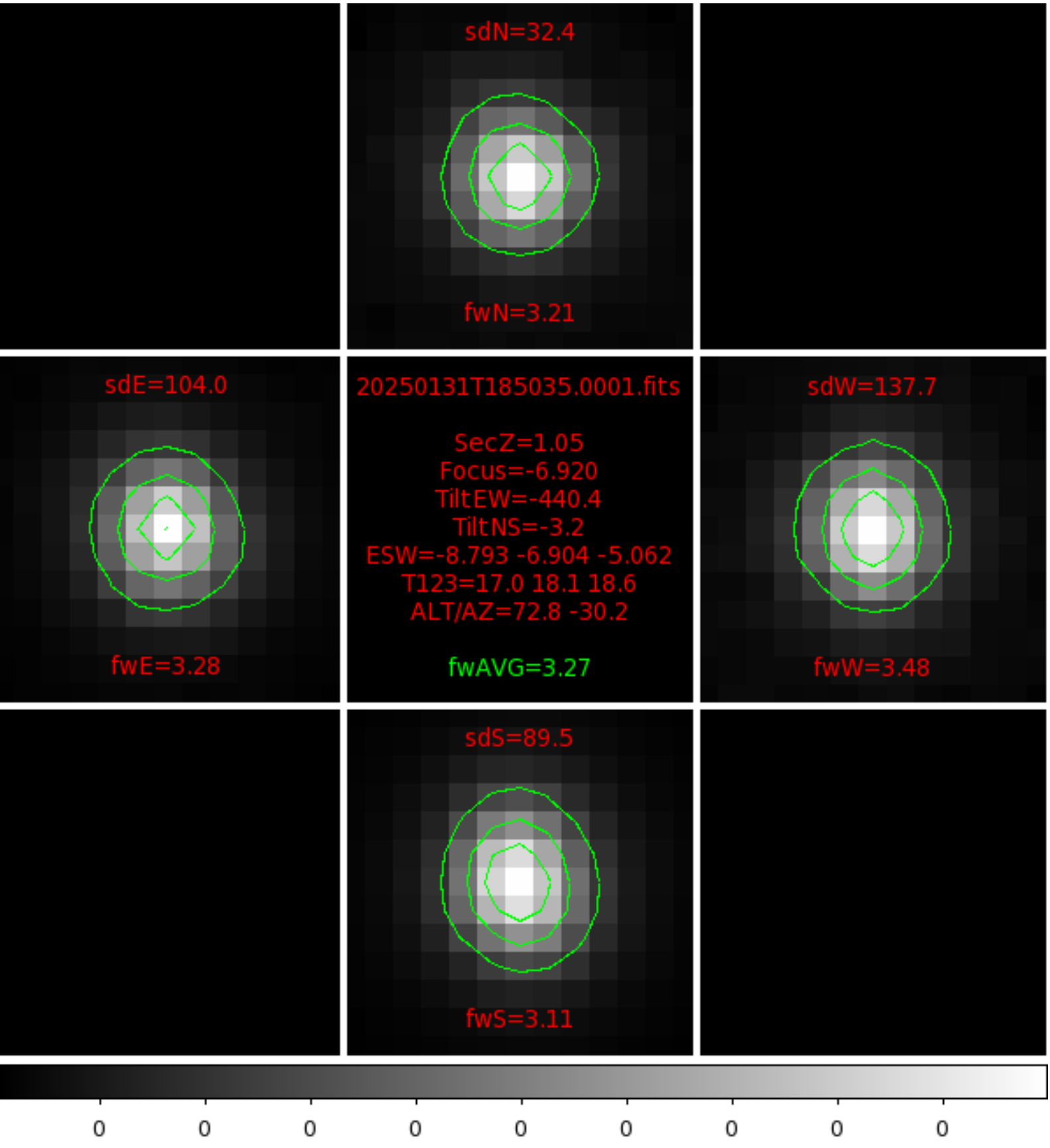

sdN=50.7
fwN=2.88
sdE=205.7
fwE=3.02
20250131T184857.0001.fits
SecZ=1.04
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.0 18.1 18.6
ALT/AZ=74.1 -23.4
fwAVG=3.16
sdW=201.1
fwW=3.37
sdS=139.7
fwS=3.38
0 0 0 0 0 0 0 0 0


sdN=32.4
fwN=3.21
sdE=104.0
fwE=3.28
20250131T185035.0001.fits
SecZ=1.05
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=17.0 18.1 18.6
ALT/AZ=72.8 -30.2
fwAVG=3.27
sdW=137.7
fwW=3.48
sdS=89.5
fwS=3.11
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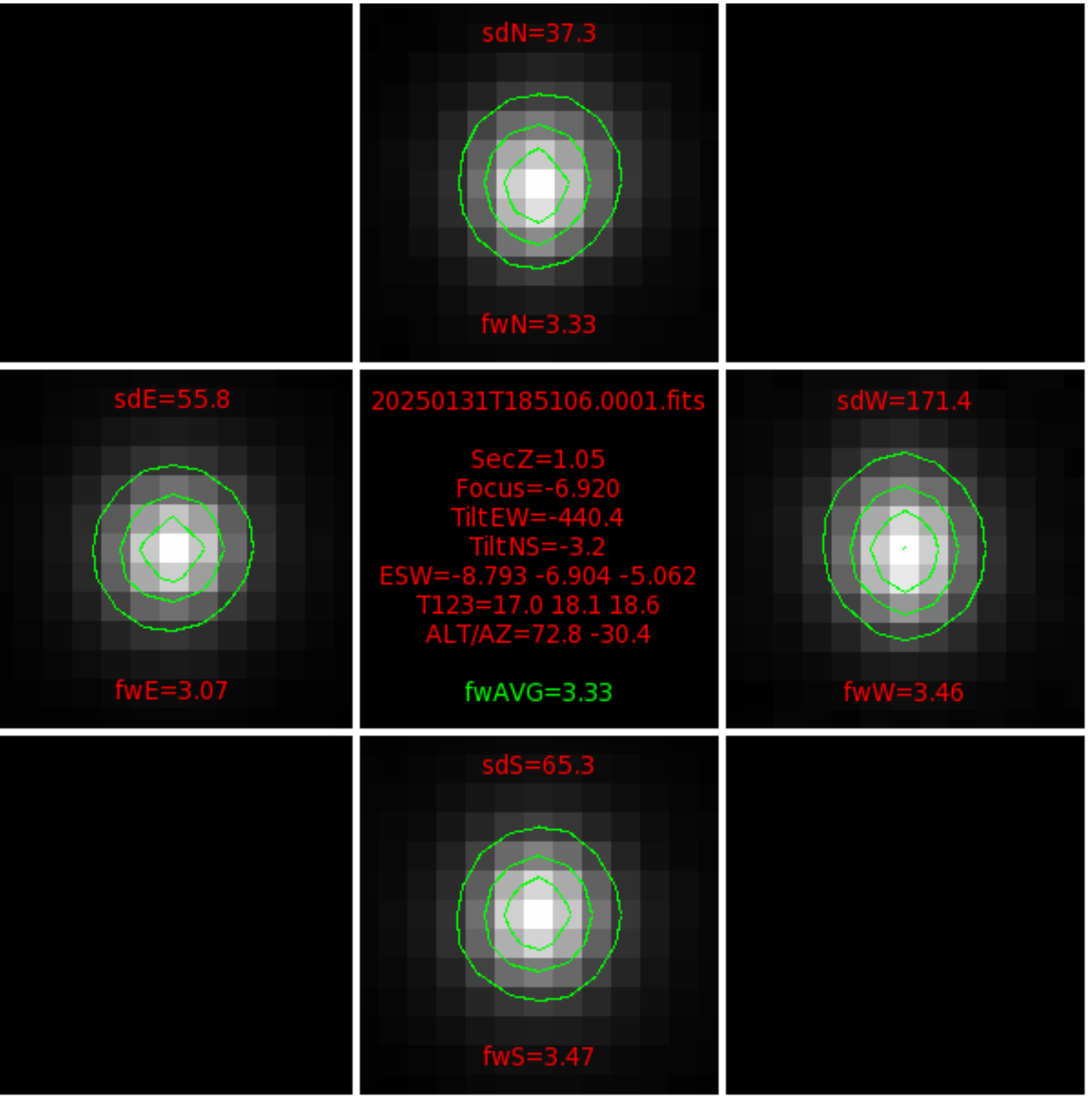
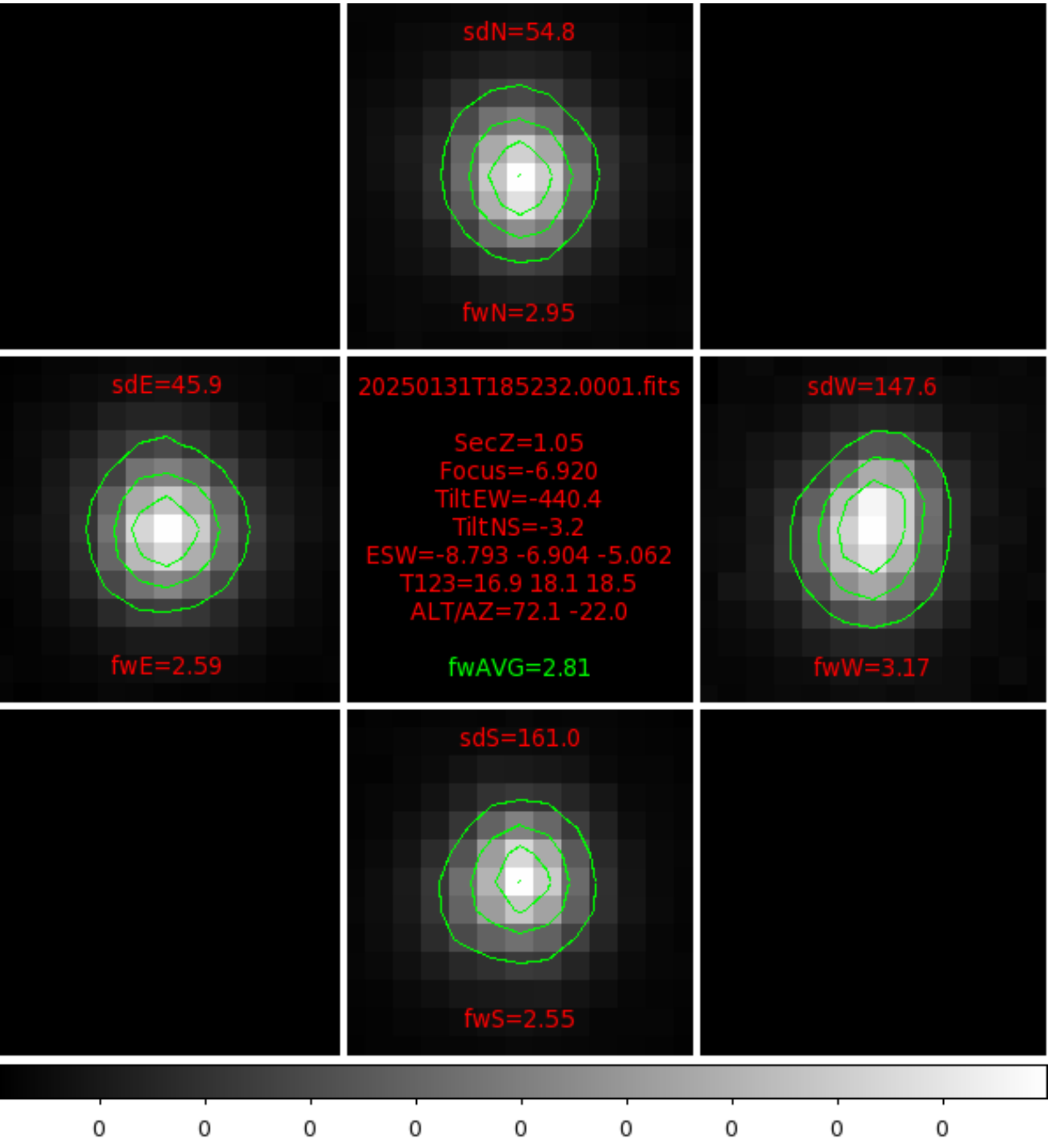

sdN=37.3
fwN=3.33
sdE=55.8
fwE=3.07
20250131T185106.0001.fits
SecZ=1.05
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=17.0 18.1 18.6
ALT/AZ=72.8 -30.4
fwAVG=3.33
sdW=171.4
fwW=3.46
sdS=65.3
fwS=3.47
0 0 0 0 0 0 0 0 0


sdN=54.8
fwN=2.95
sdE=45.9
fwE=2.59
20250131T185232.0001.fits
SecZ=1.05
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.9 18.1 18.5
ALT/AZ=72.1 -22.0
fwAVG=2.81
sdW=147.6
fwW=3.17
sdS=161.0
fwS=2.55
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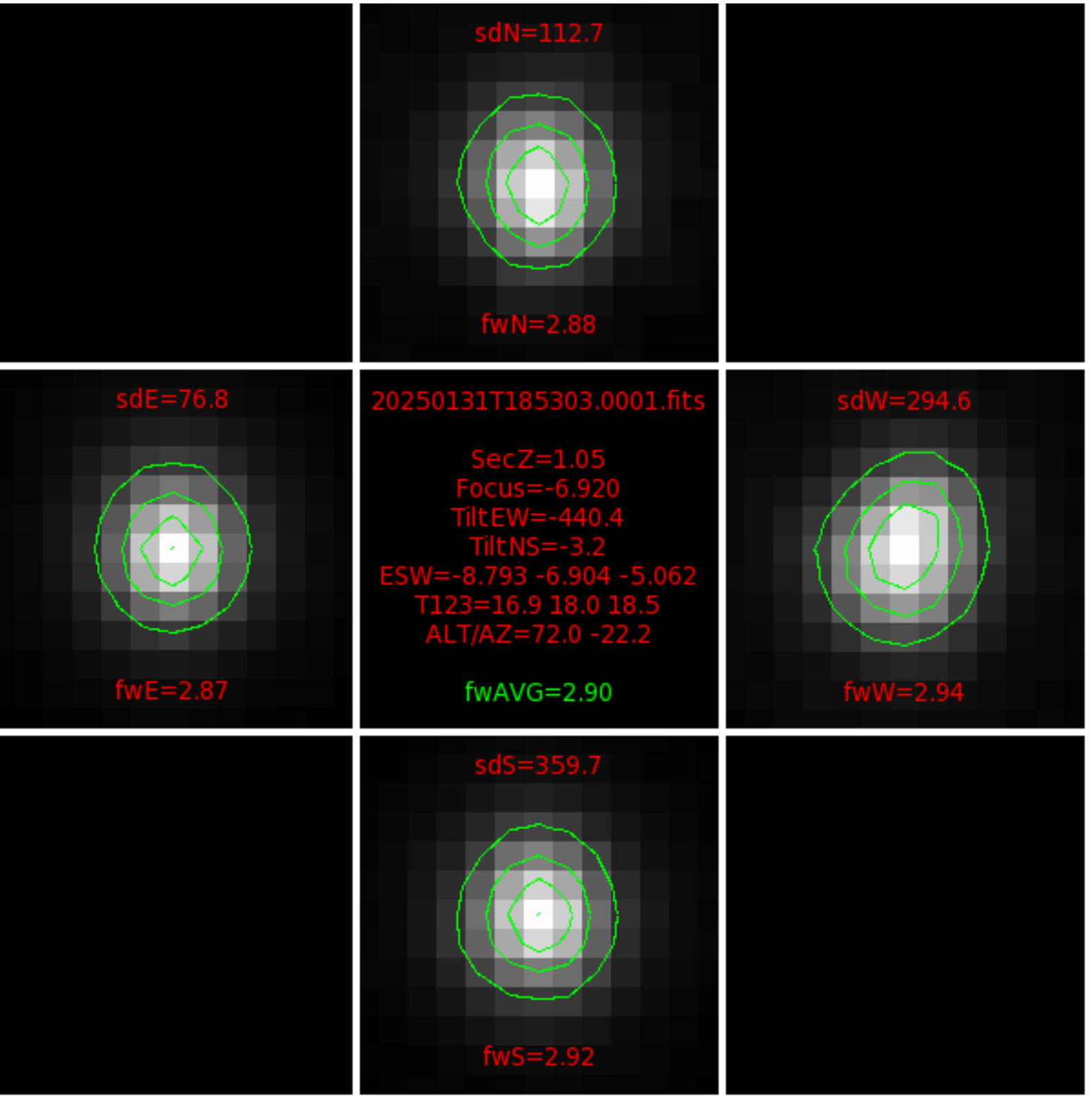
sdN=112.7
fwN=2.88
sdE=76.8
fwE=2.87
20250131T185303.0001.fits
SecZ=1.05
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.9 18.0 18.5
ALT/AZ=72.0 -22.2
fwAVG=2.90
sdW=294.6
fwW=2.94
sdS=359.7
fwS=2.92
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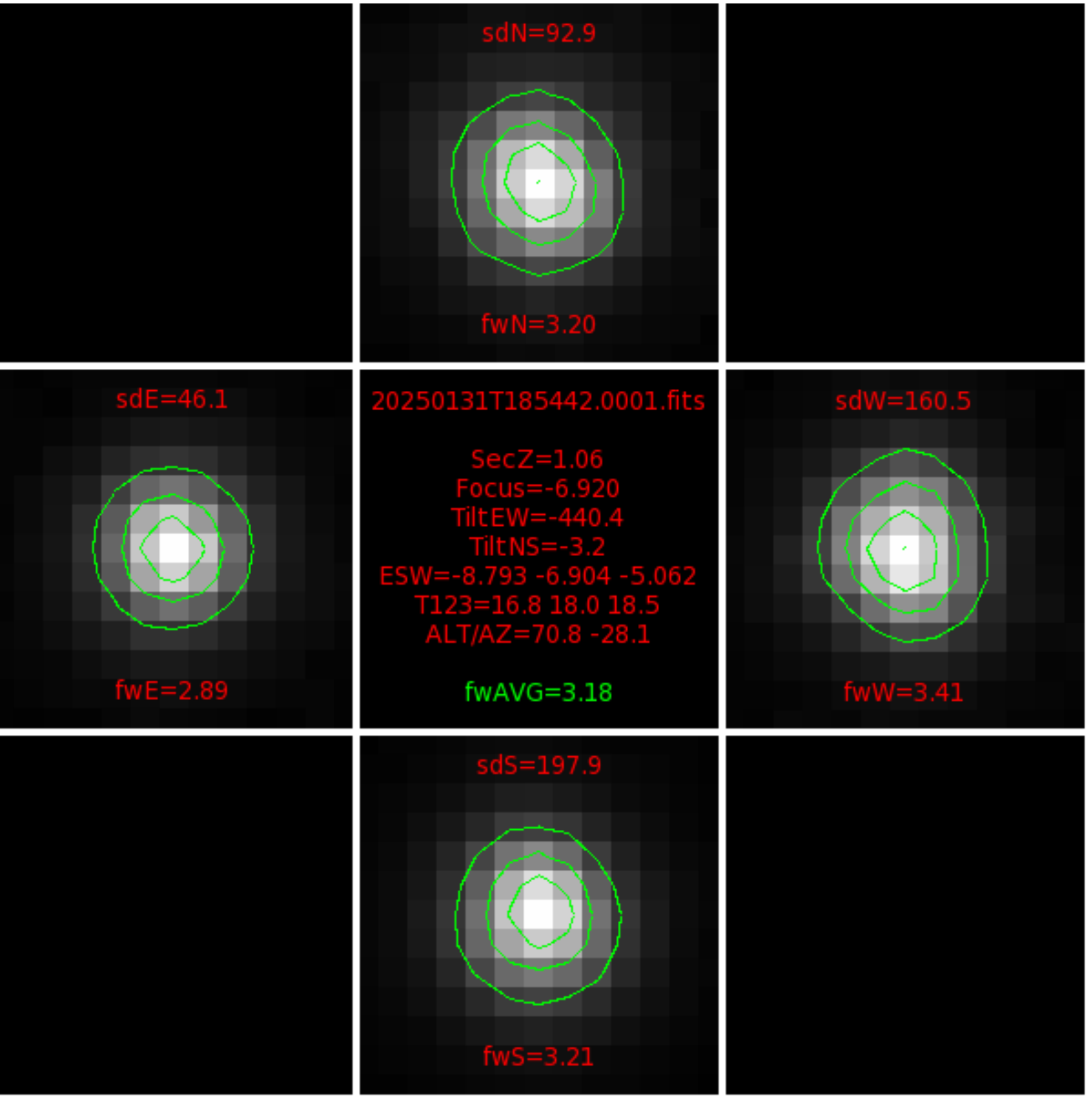
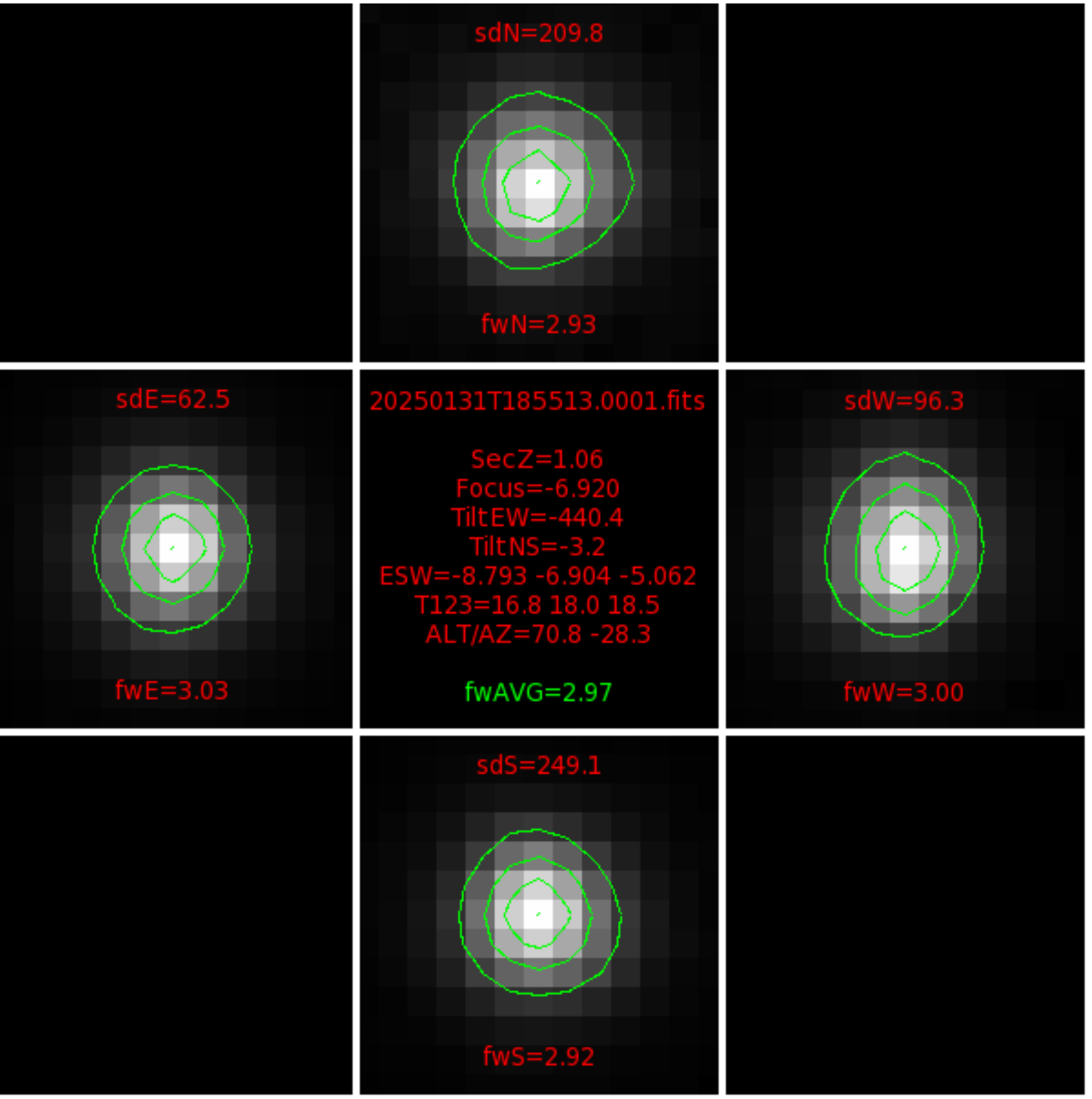
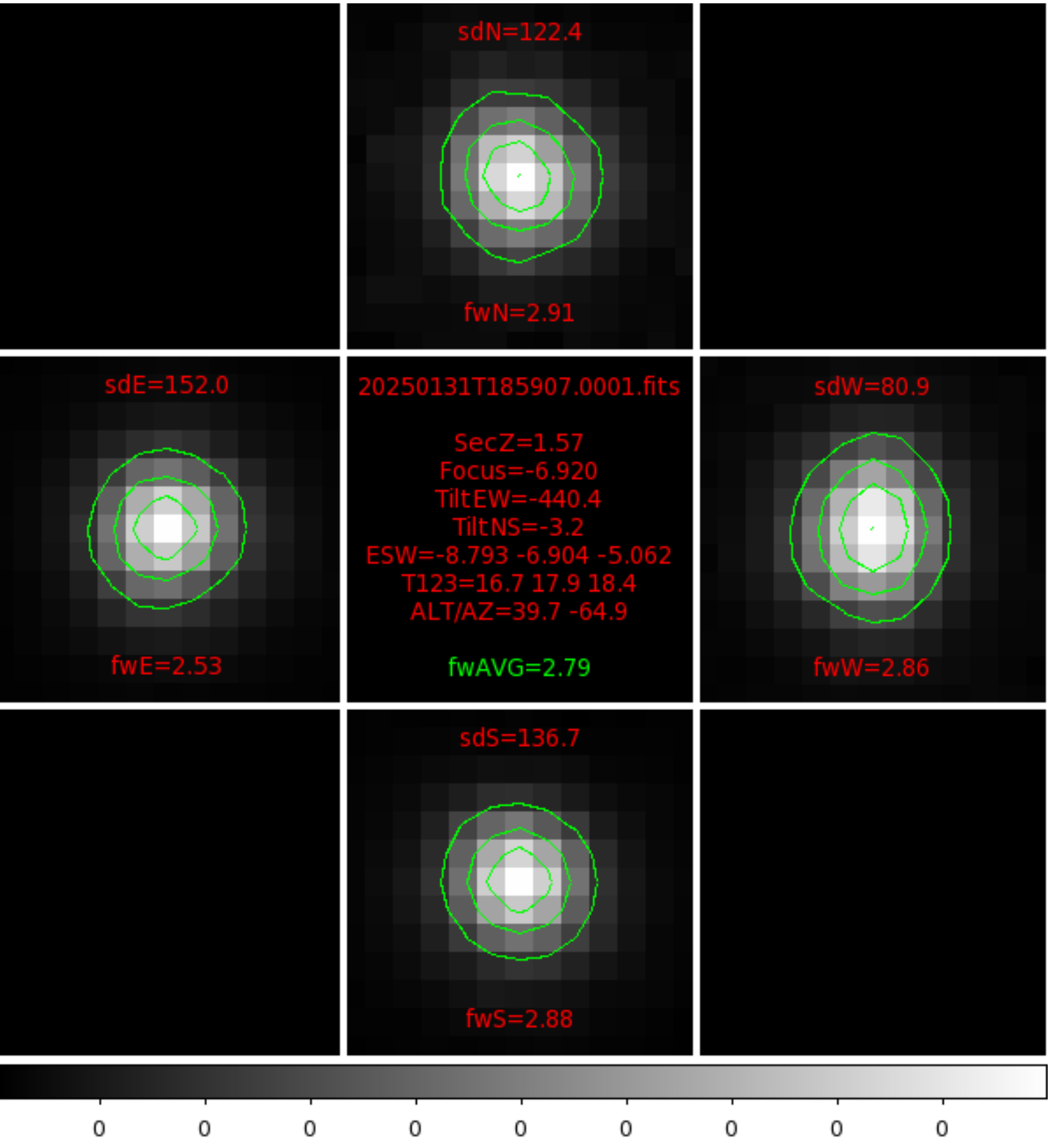

sdN=92.9
fwN=3.20
sdE=46.1
fwE=2.89
20250131T185442.0001.fits
SecZ=1.06
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.8 18.0 18.5
ALT/AZ=70.8 -28.1
fwAVG=3.18
sdW=160.5
fwW=3.41
sdS=197.9
fwS=3.21
0 0 0 0 0 0 0 0 0


sdN=209.8
fwN=2.93
sdE=62.5
fwE=3.03
20250131T185513.0001.fits
SecZ=1.06
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.8 18.0 18.5
ALT/AZ=70.8 -28.3
fwAVG=2.97
sdW=96.3
fwW=3.00
sdS=249.1
fwS=2.92
0 0 0 0 0 0 0 0 0


sdN=122.4
fwN=2.91
sdE=152.0
fwE=2.53
20250131T185907.0001.fits
SecZ=1.57
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.7 17.9 18.4
ALT/AZ=39.7 -64.9
fwAVG=2.79
sdW=80.9
fwW=2.86
sdS=136.7
fwS=2.88
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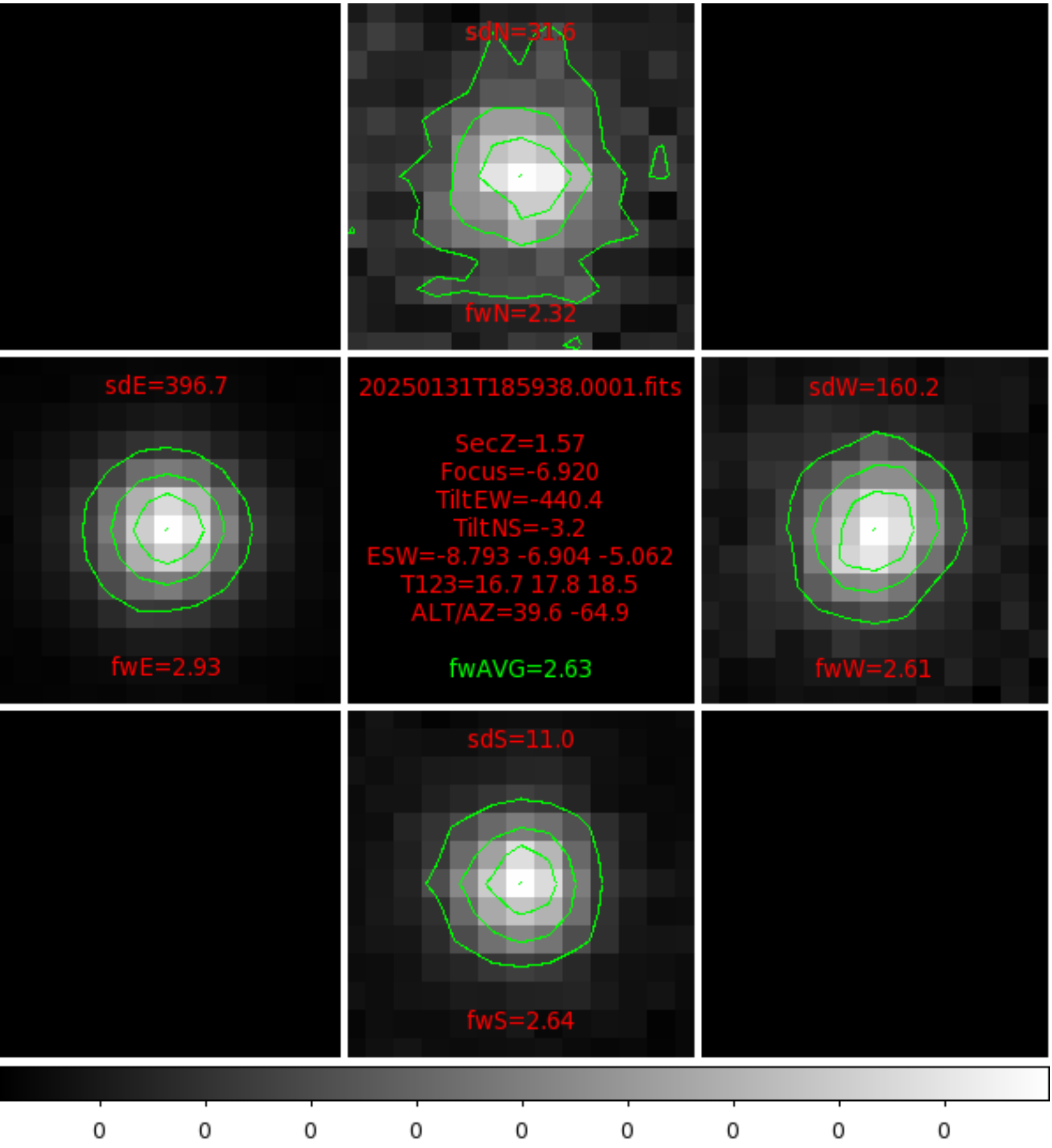
sdN=31.6
fwN=2.32
sdE=396.7
fwE=2.93
20250131T185938.0001.fits
SecZ=1.57
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.7 17.8 18.5
ALT/AZ=39.6 -64.9
fwAVG=2.63
sdW=160.2
fwW=2.61
sdS=11.0
fwS=2.64
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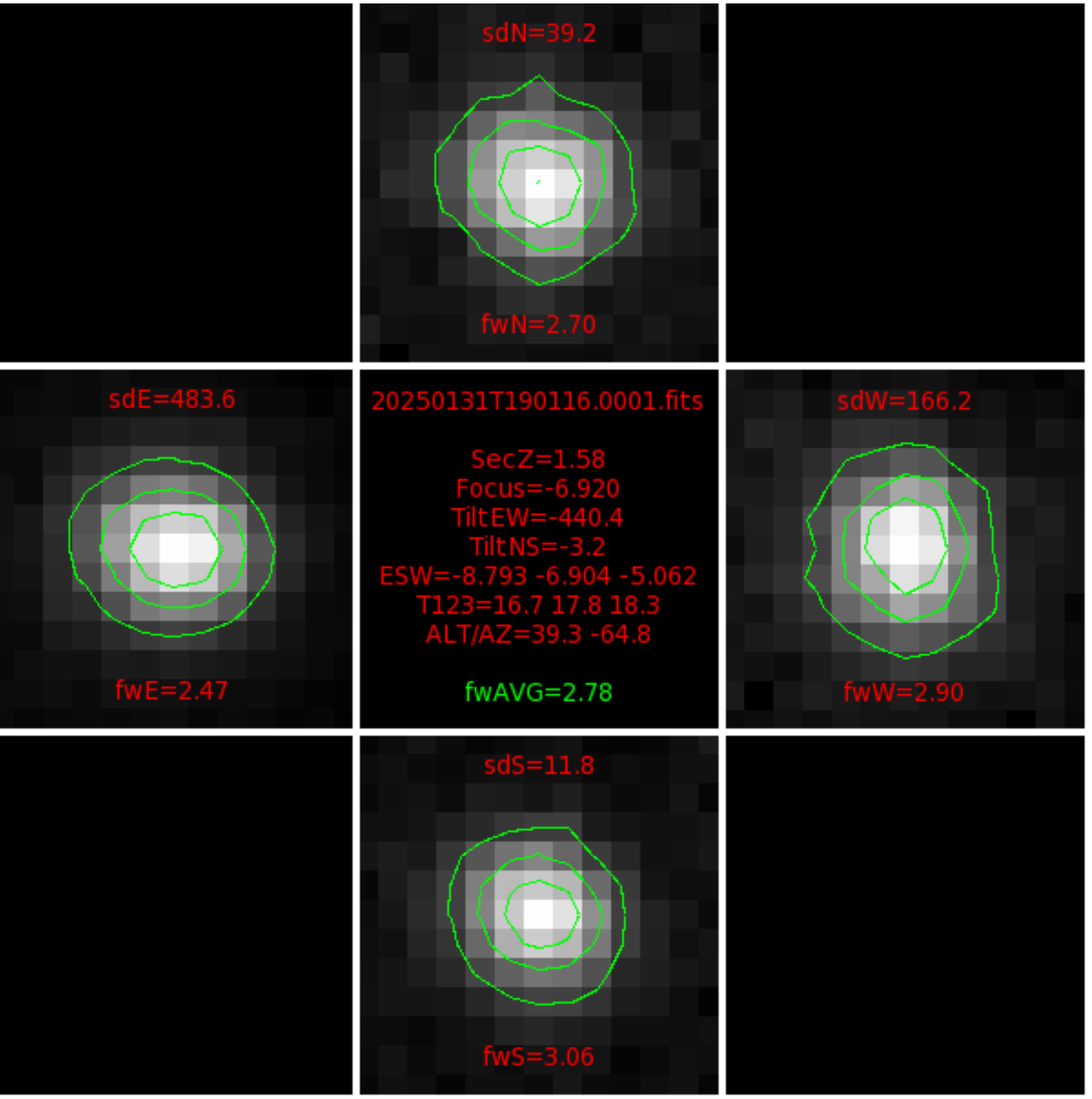
sdN=39.2
fwN=2.70
sdE=483.6
fwE=2.47
20250131T190116.0001.fits
SecZ=1.58
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.7 17.8 18.3
ALT/AZ=39.3 -64.8
fwAVG=2.78
sdW=166.2
fwW=2.90
sdS=11.8
fwS=3.06
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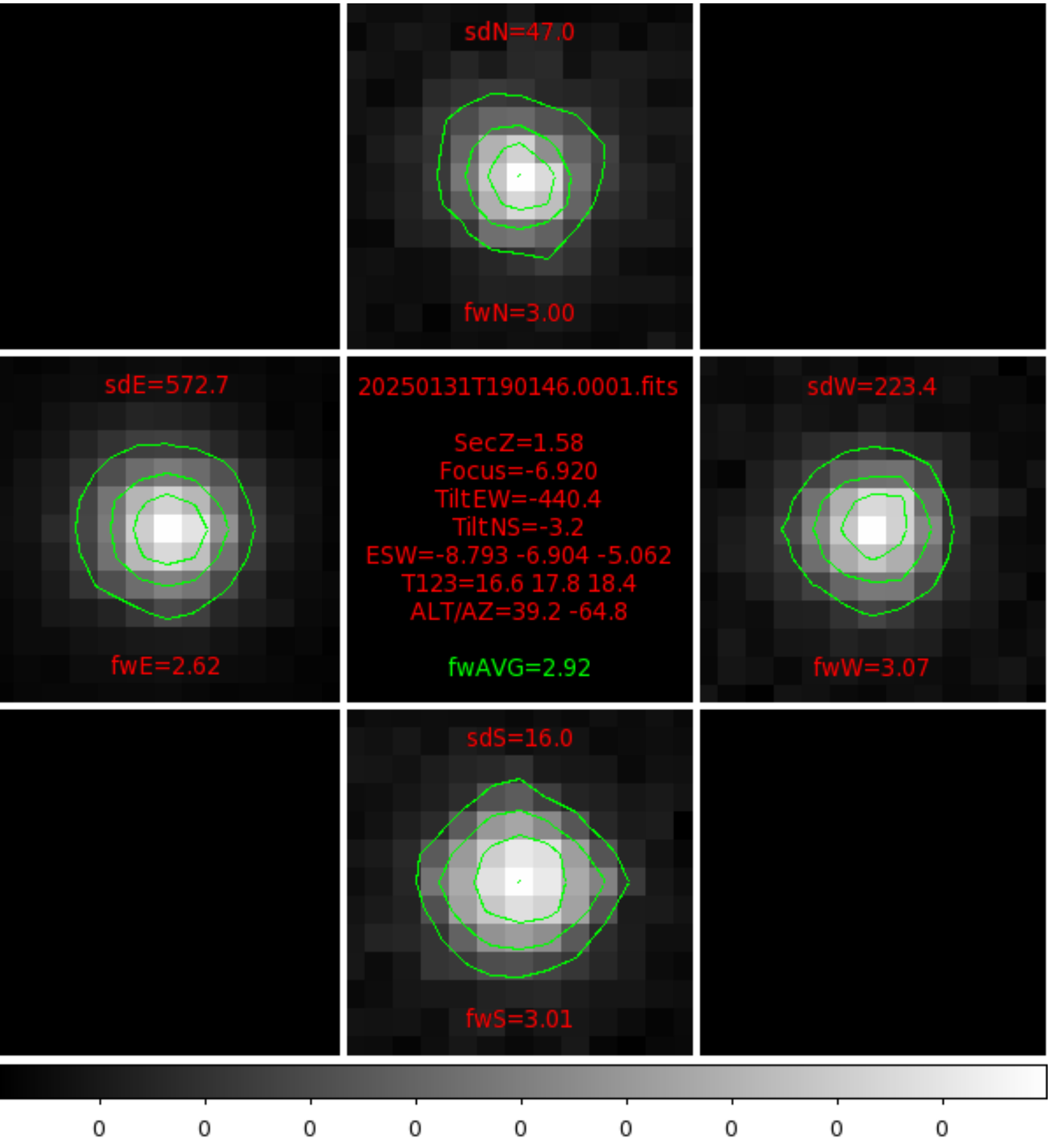
sdN=47.0
fwN=3.00
sdE=572.7
fwE=2.62
20250131T190146.0001.fits
SecZ=1.58
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.6 17.8 18.4
ALT/AZ=39.2 -64.8
fwAVG=2.92
sdW=223.4
fwW=3.07
sdS=16.0
fwS=3.01
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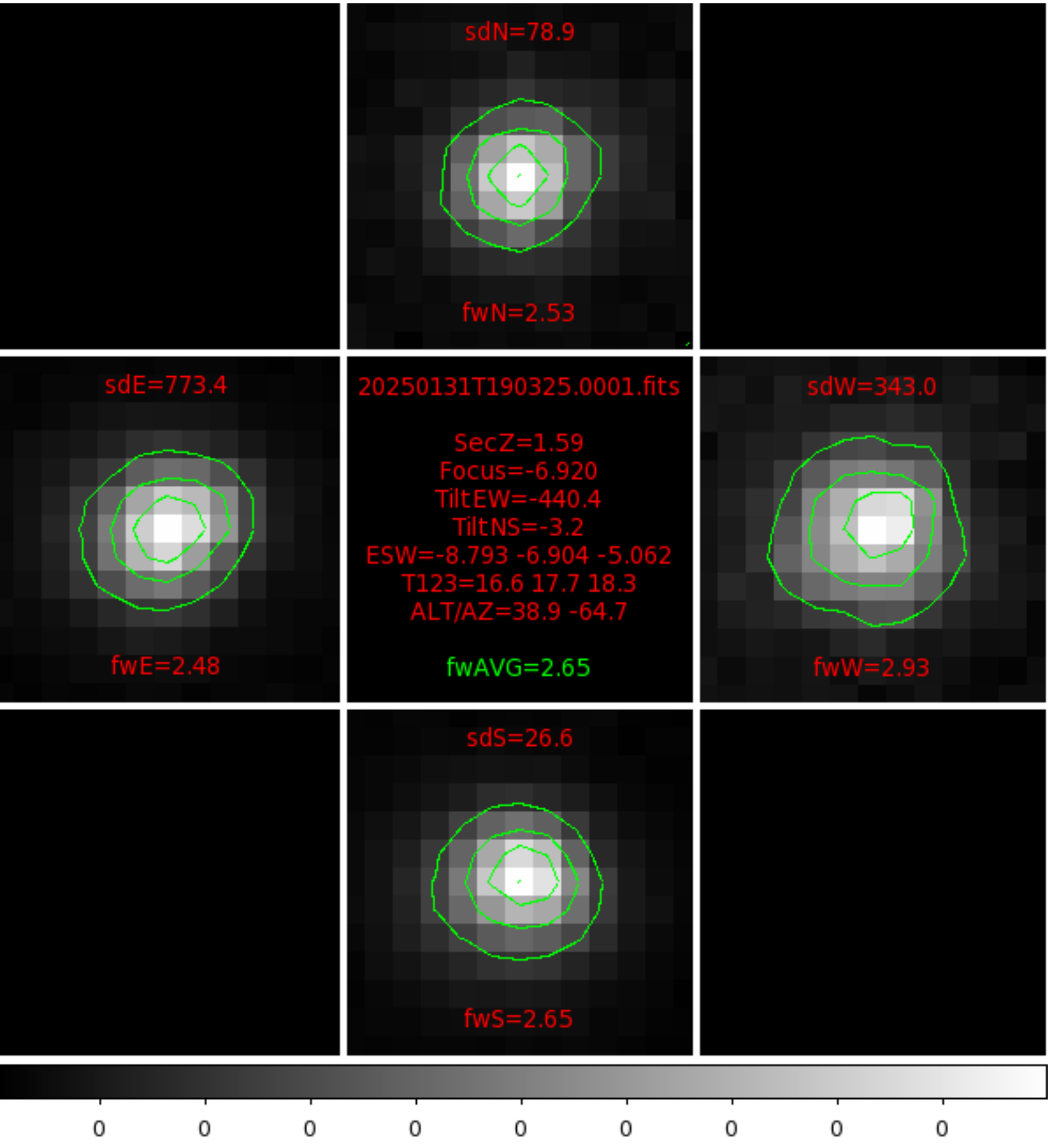
sdN=78.9
fwN=2.53
sdE=773.4
fwE=2.48
20250131T190325.0001.fits
SecZ=1.59
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.6 17.7 18.3
ALT/AZ=38.9 -64.7
fwAVG=2.65
sdW=343.0
fwW=2.93
sdS=26.6
fwS=2.65
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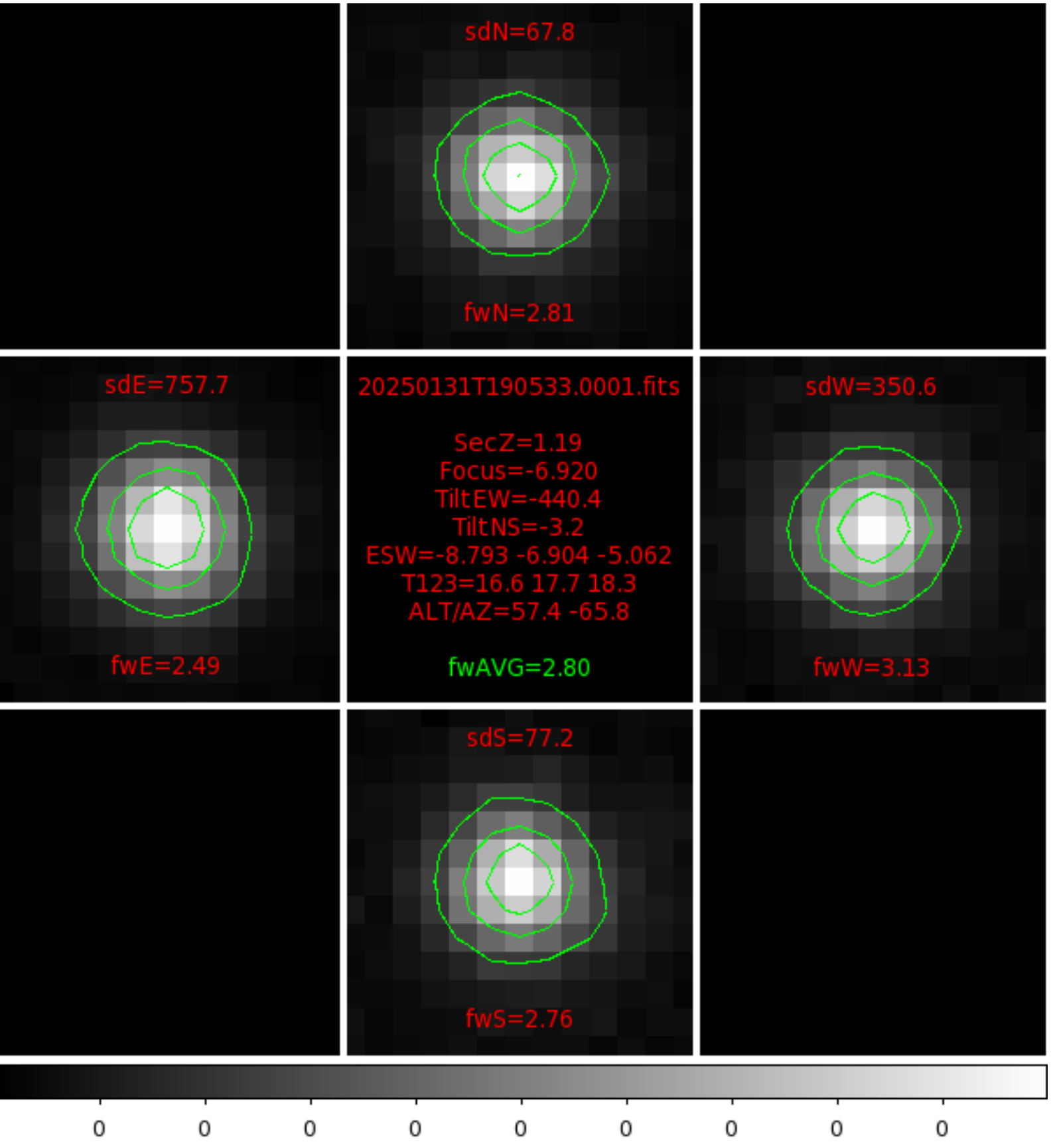
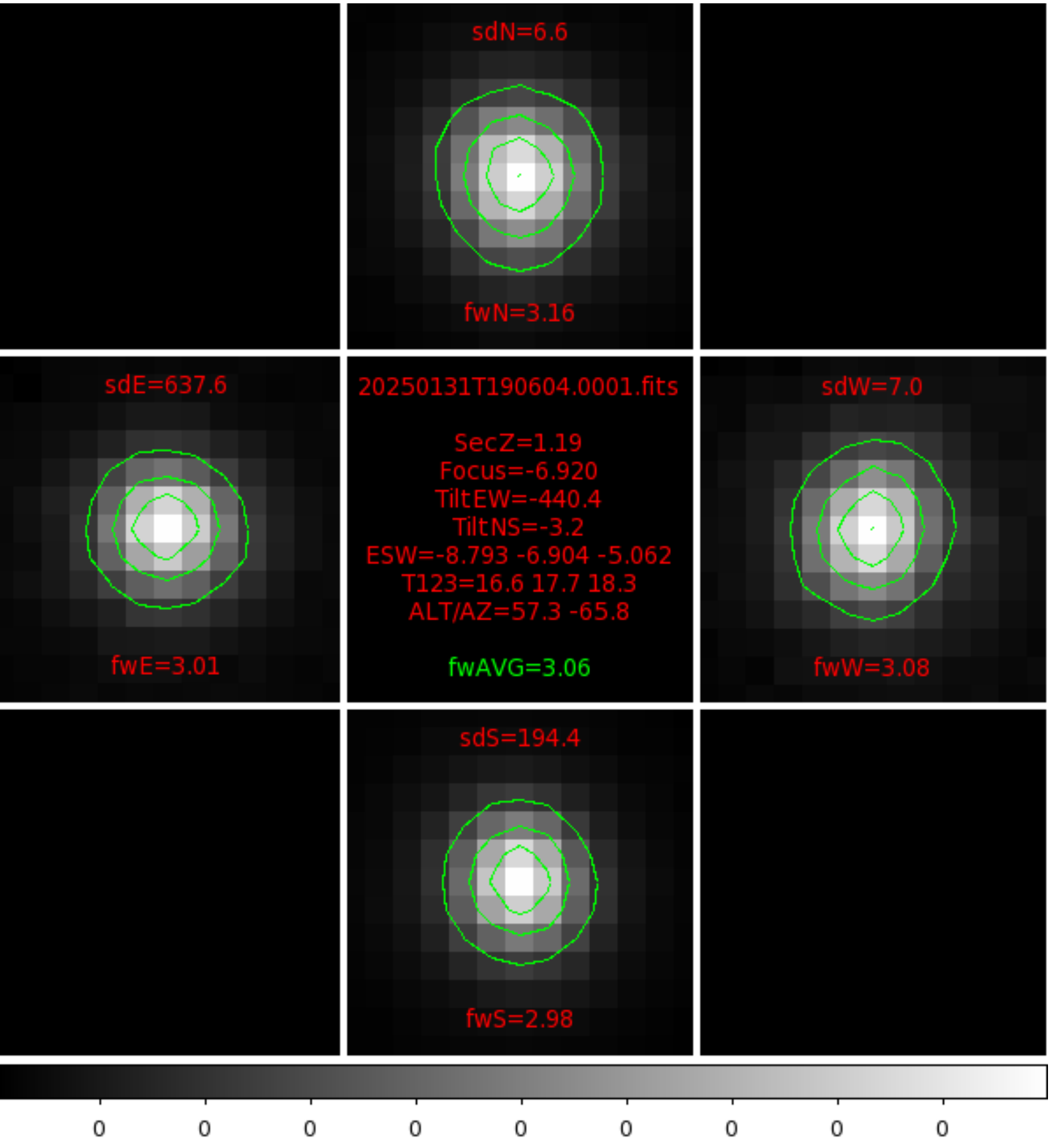
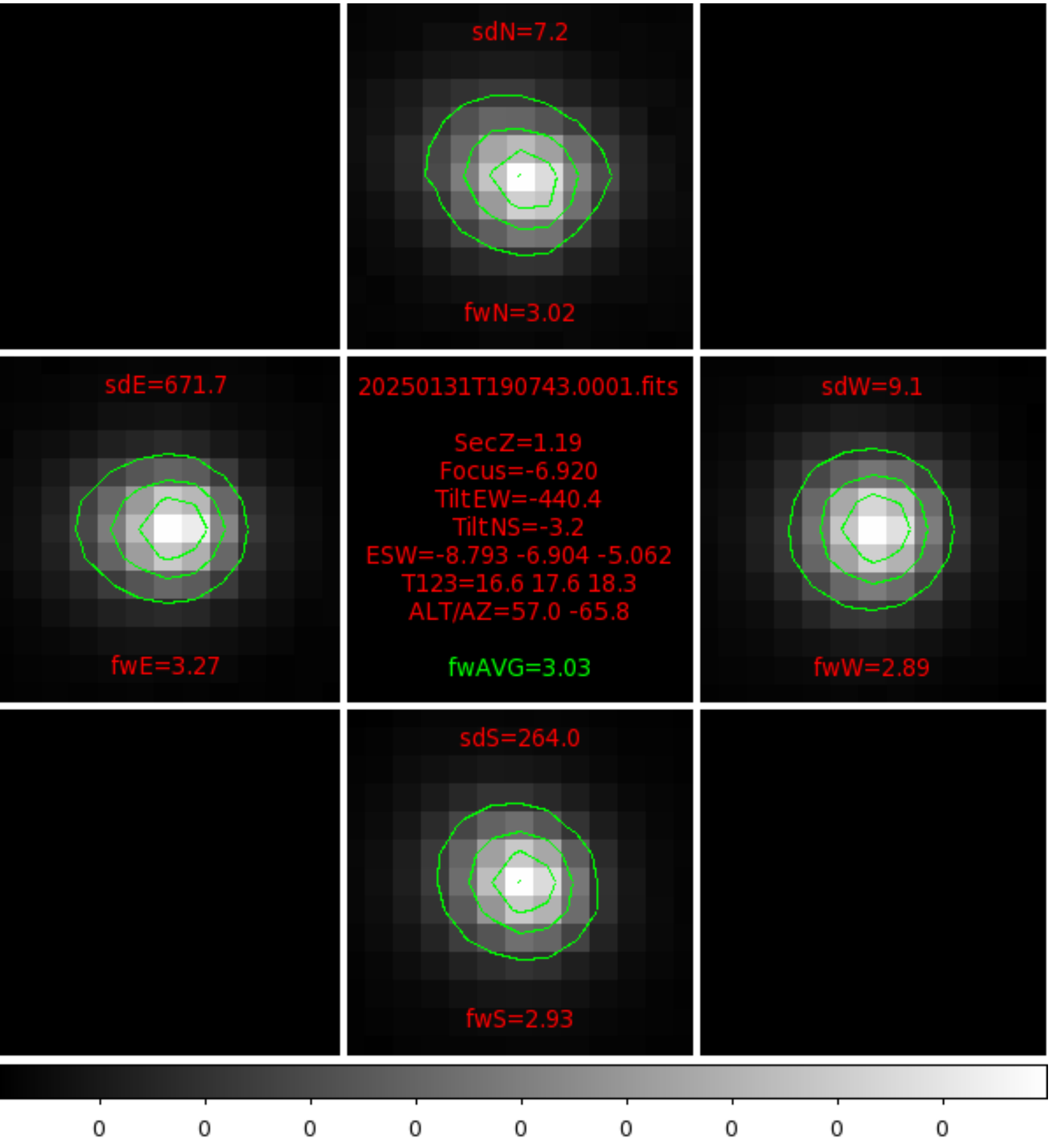
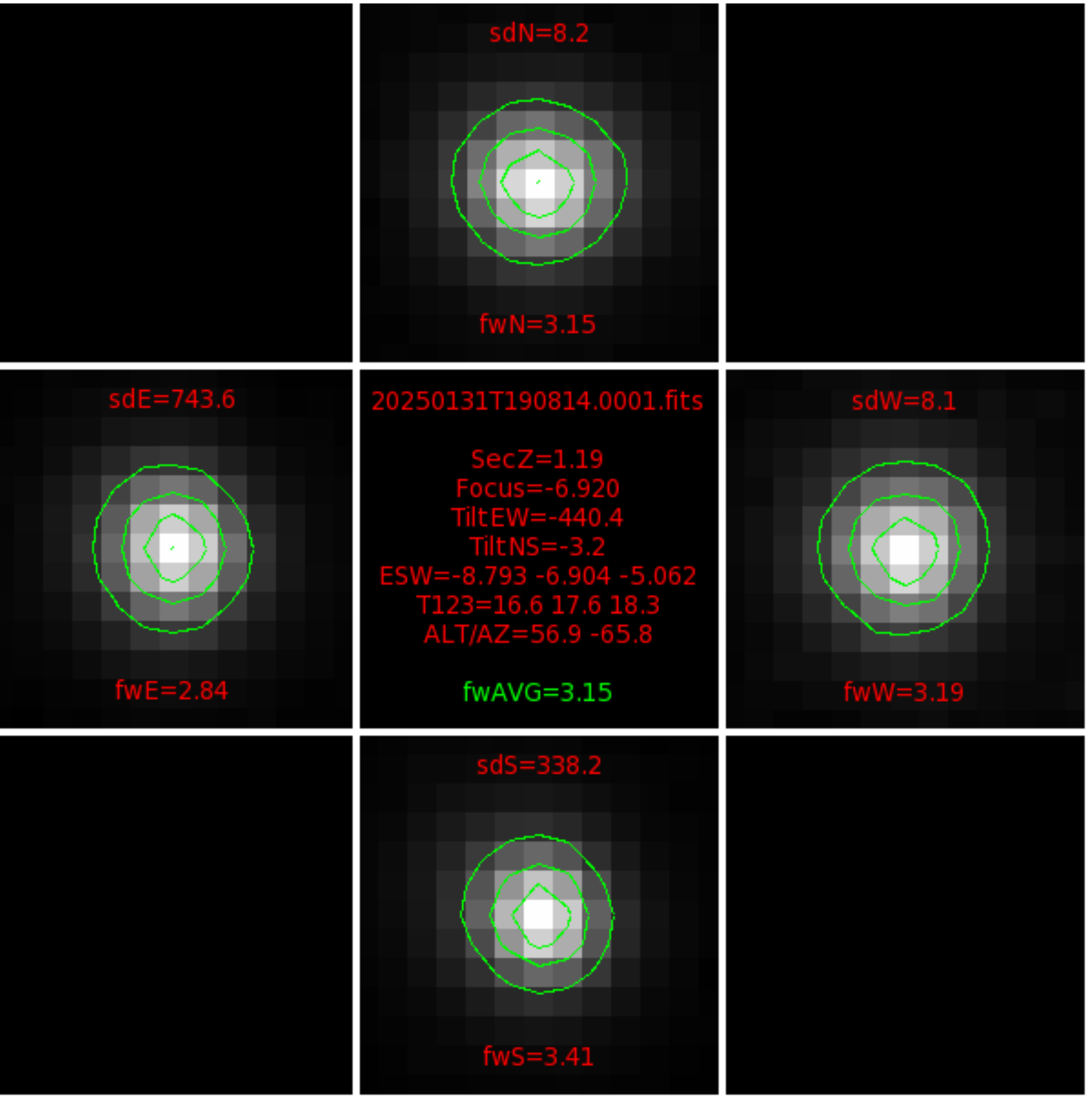
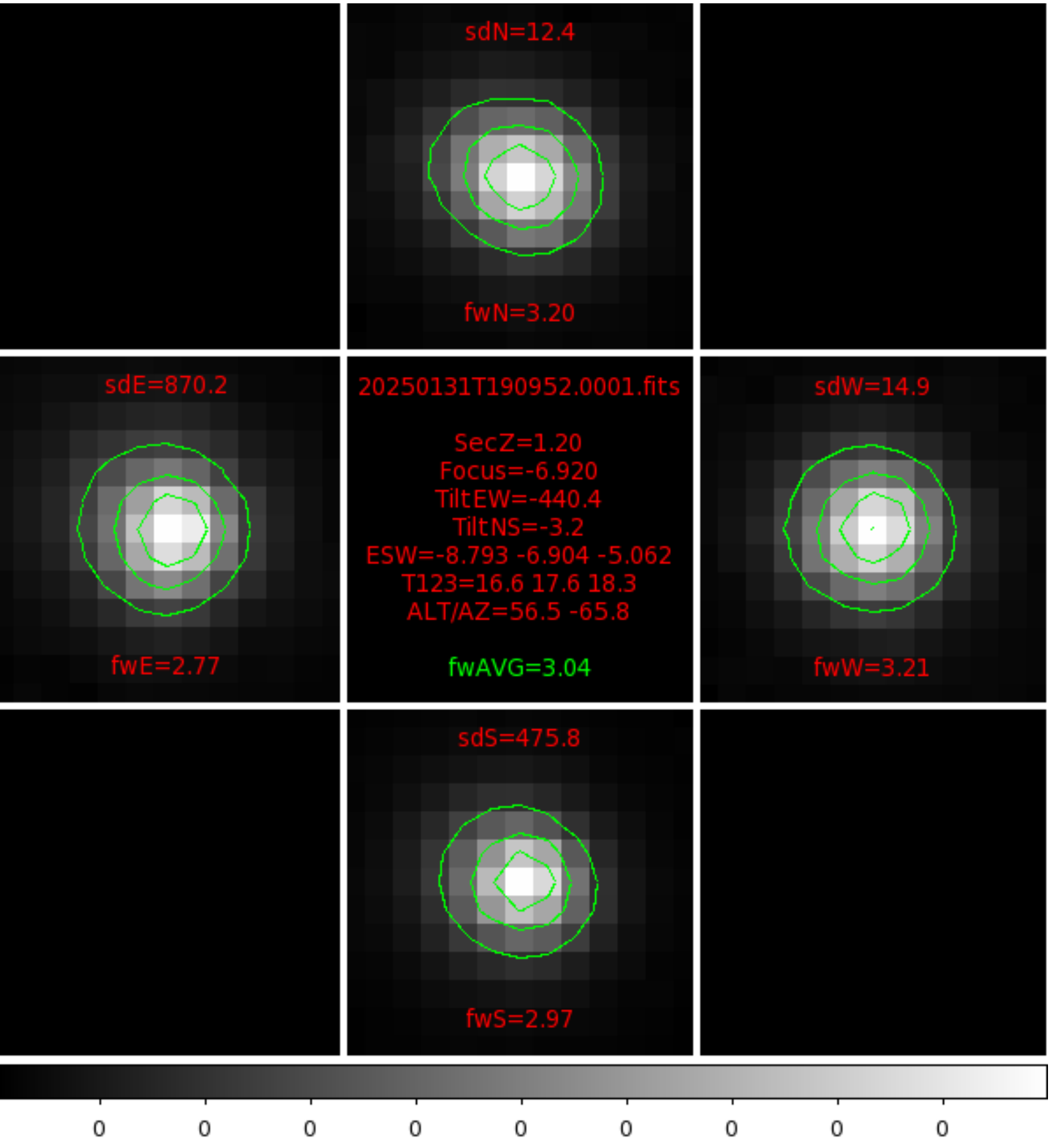
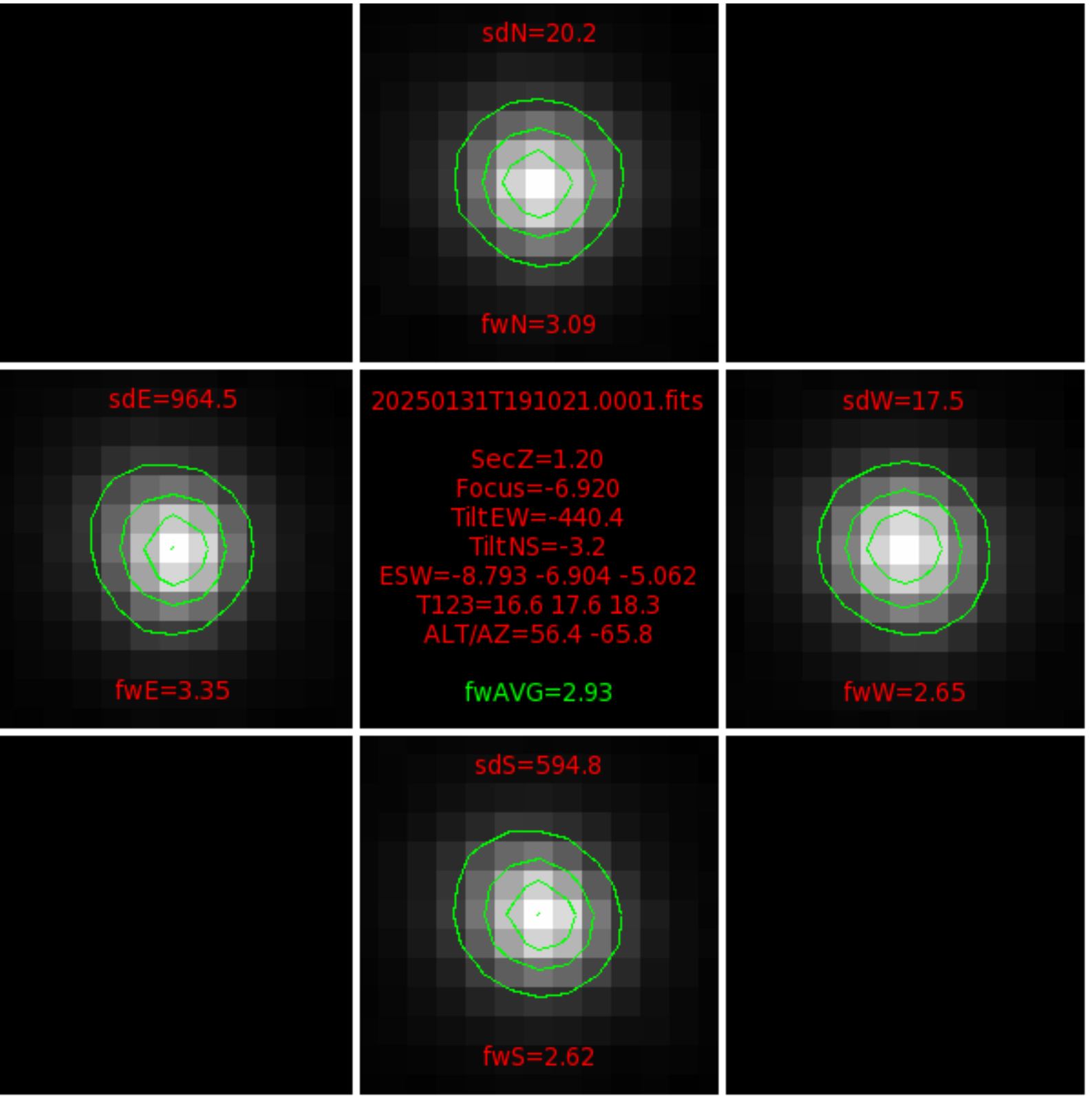

sdN=67.8
fwN=2.81
sdE=757.7
fwE=2.49
20250131T190533.0001.fits
SecZ=1.19
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.6 17.7 18.3
ALT/AZ=57.4 -65.8
fwAVG=2.80
sdW=350.6
fwW=3.13
sdS=77.2
fwS=2.76
0 0 0 0 0 0 0 0 0


sdN=6.6
fwN=3.16
sdE=637.6
fwE=3.01
20250131T190604.0001.fits
SecZ=1.19
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.6 17.7 18.3
ALT/AZ=57.3 -65.8
fwAVG=3.06
sdW=7.0
fwW=3.08
sdS=194.4
fwS=2.98
0 0 0 0 0 0 0 0 0


sdN=7.2
fwN=3.02
sdE=671.7
fwE=3.27
20250131T190743.0001.fits
SecZ=1.19
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.6 17.6 18.3
ALT/AZ=57.0 -65.8
fwAVG=3.03
sdW=9.1
fwW=2.89
sdS=264.0
fwS=2.93
0 0 0 0 0 0 0 0 0


sdN=8.2
fwN=3.15
sdE=743.6
fwE=2.84
20250131T190814.0001.fits
SecZ=1.19
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.6 17.6 18.3
ALT/AZ=56.9 -65.8
fwAVG=3.15
sdW=8.1
fwW=3.19
sdS=338.2
fwS=3.41
0 0 0 0 0 0 0 0 0


sdN=12.4
fwN=3.20
sdE=870.2
fwE=2.77
20250131T190952.0001.fits
SecZ=1.20
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.6 17.6 18.3
ALT/AZ=56.5 -65.8
fwAVG=3.04
sdW=14.9
fwW=3.21
sdS=475.8
fwS=2.97
0 0 0 0 0 0 0 0 0


sdN=20.2
fwN=3.09
sdE=964.5
fwE=3.35
20250131T191021.0001.fits
SecZ=1.20
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.6 17.6 18.3
ALT/AZ=56.4 -65.8
fwAVG=2.93
sdW=17.5
fwW=2.65
sdS=594.8
fwS=2.62
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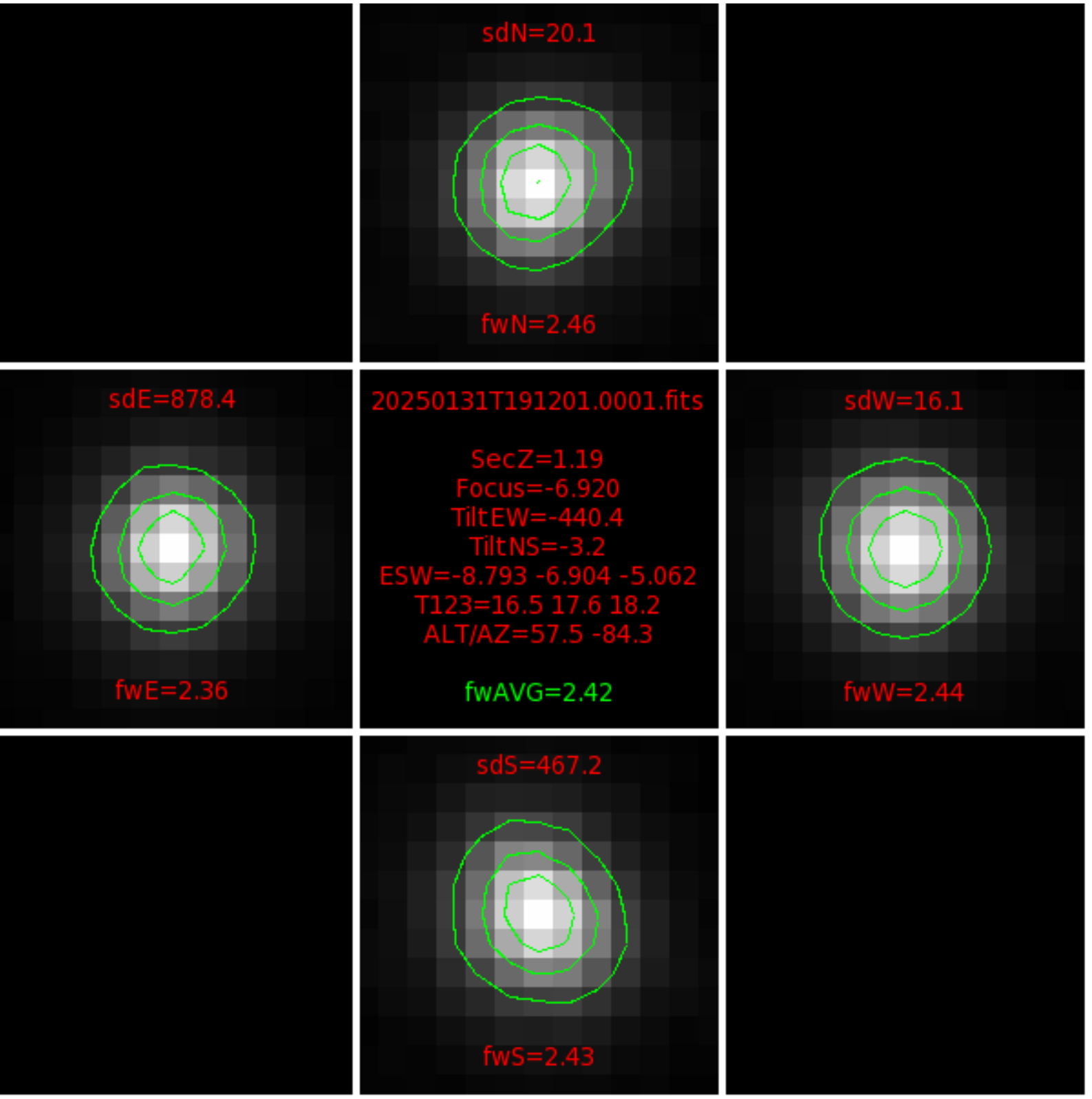
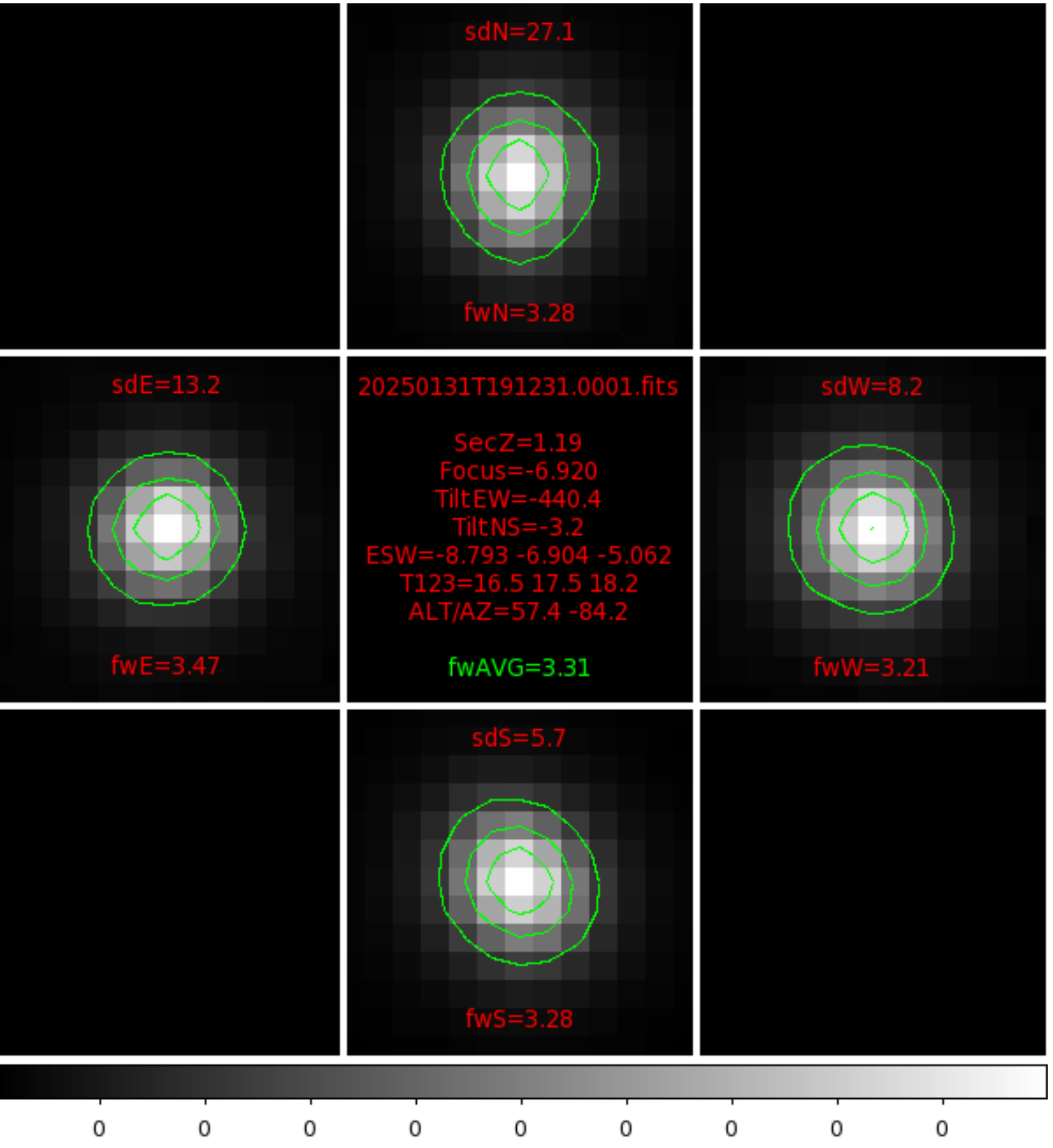

sdN=20.1
fwN=2.46
sdE=878.4
fwE=2.36
20250131T191201.0001.fits
SecZ=1.19
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.5 17.6 18.2
ALT/AZ=57.5 -84.3
fwAVG=2.42
sdW=16.1
fwW=2.44
sdS=467.2
fwS=2.43
0 0 0 0 0 0 0 0 0


sdN=27.1
fwN=3.28
sdE=13.2
fwE=3.47
20250131T191231.0001.fits
SecZ=1.19
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.5 17.5 18.2
ALT/AZ=57.4 -84.2
fwAVG=3.31
sdW=8.2
fwW=3.21
sdS=5.7
fwS=3.28
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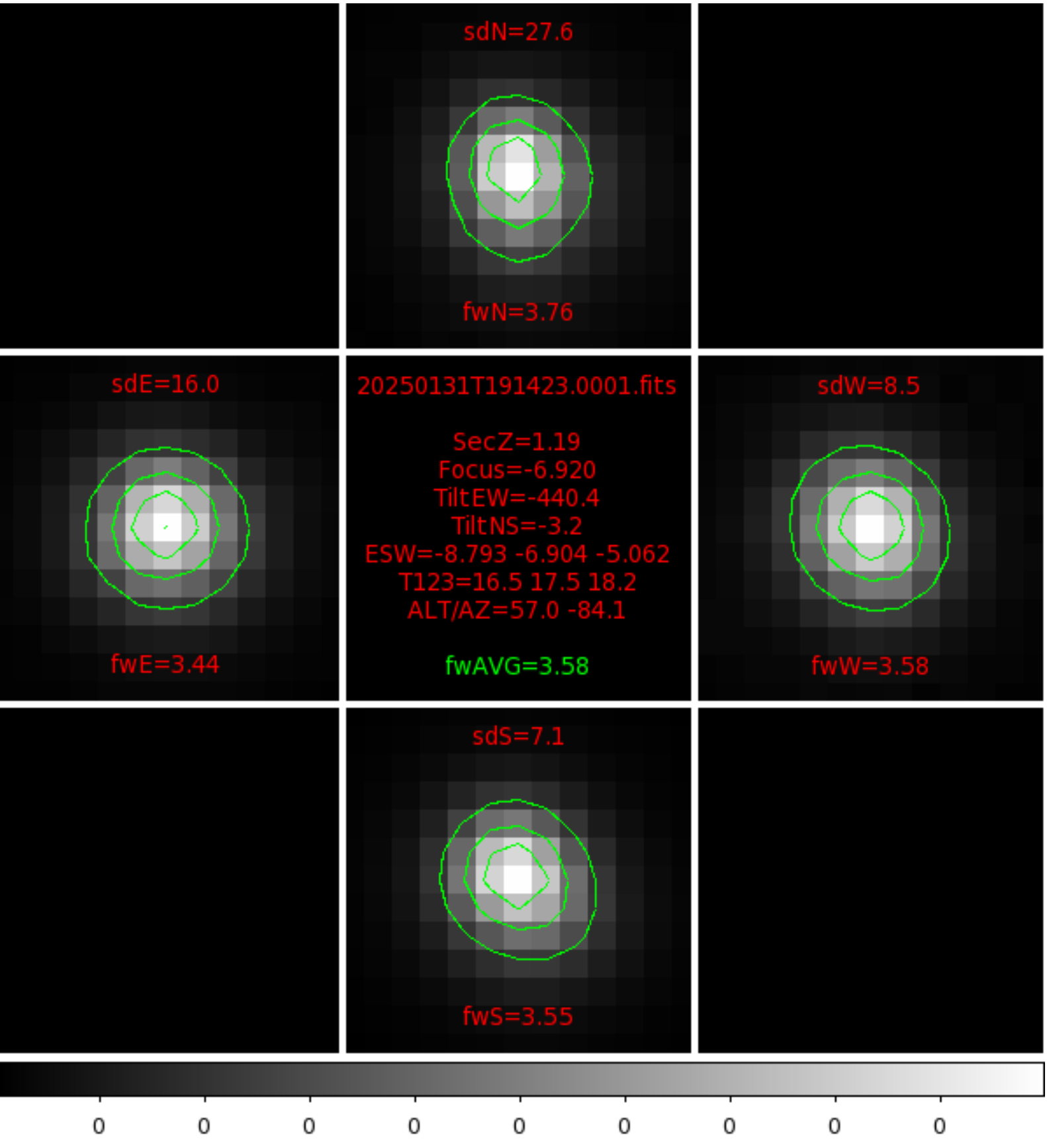
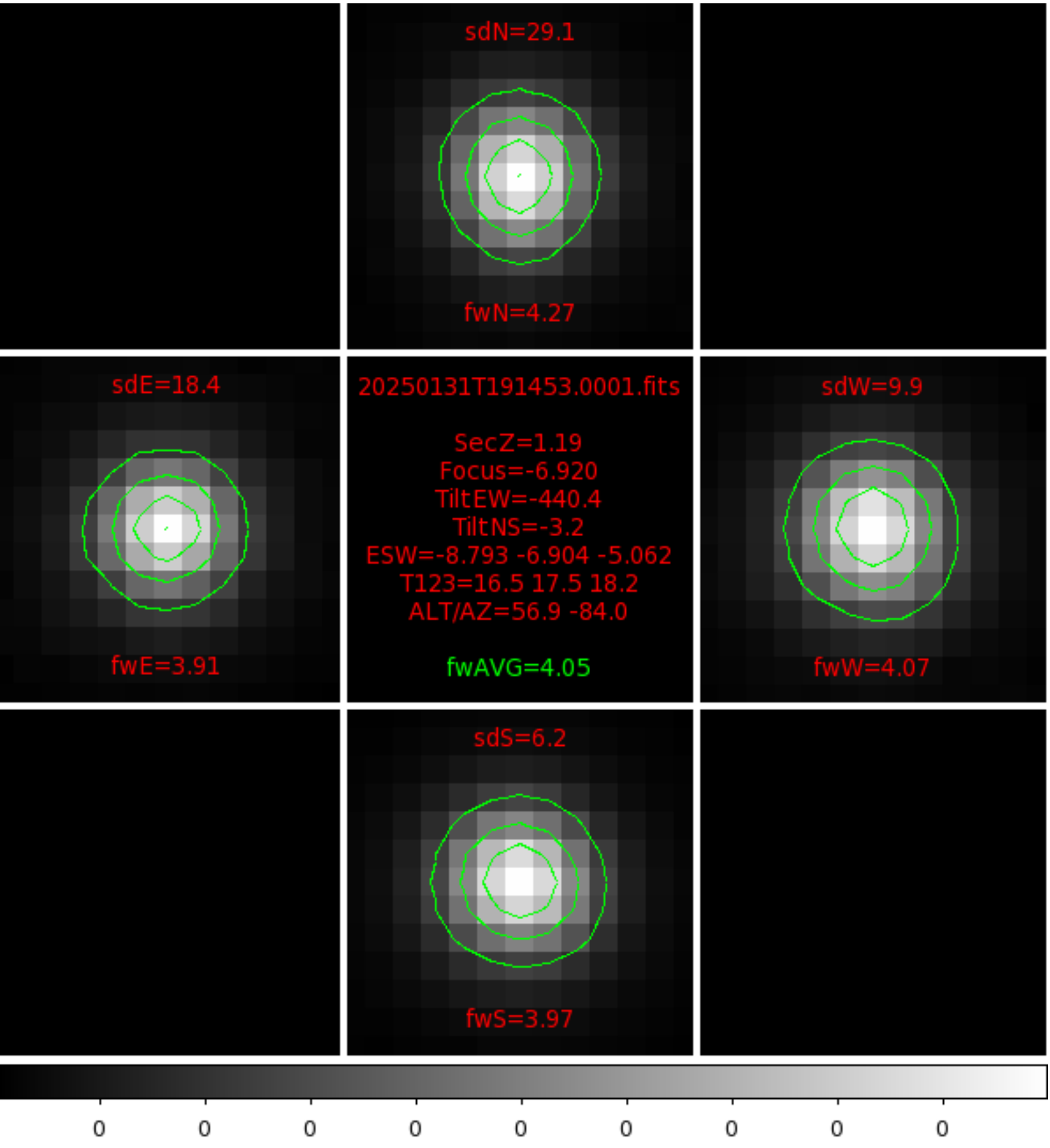
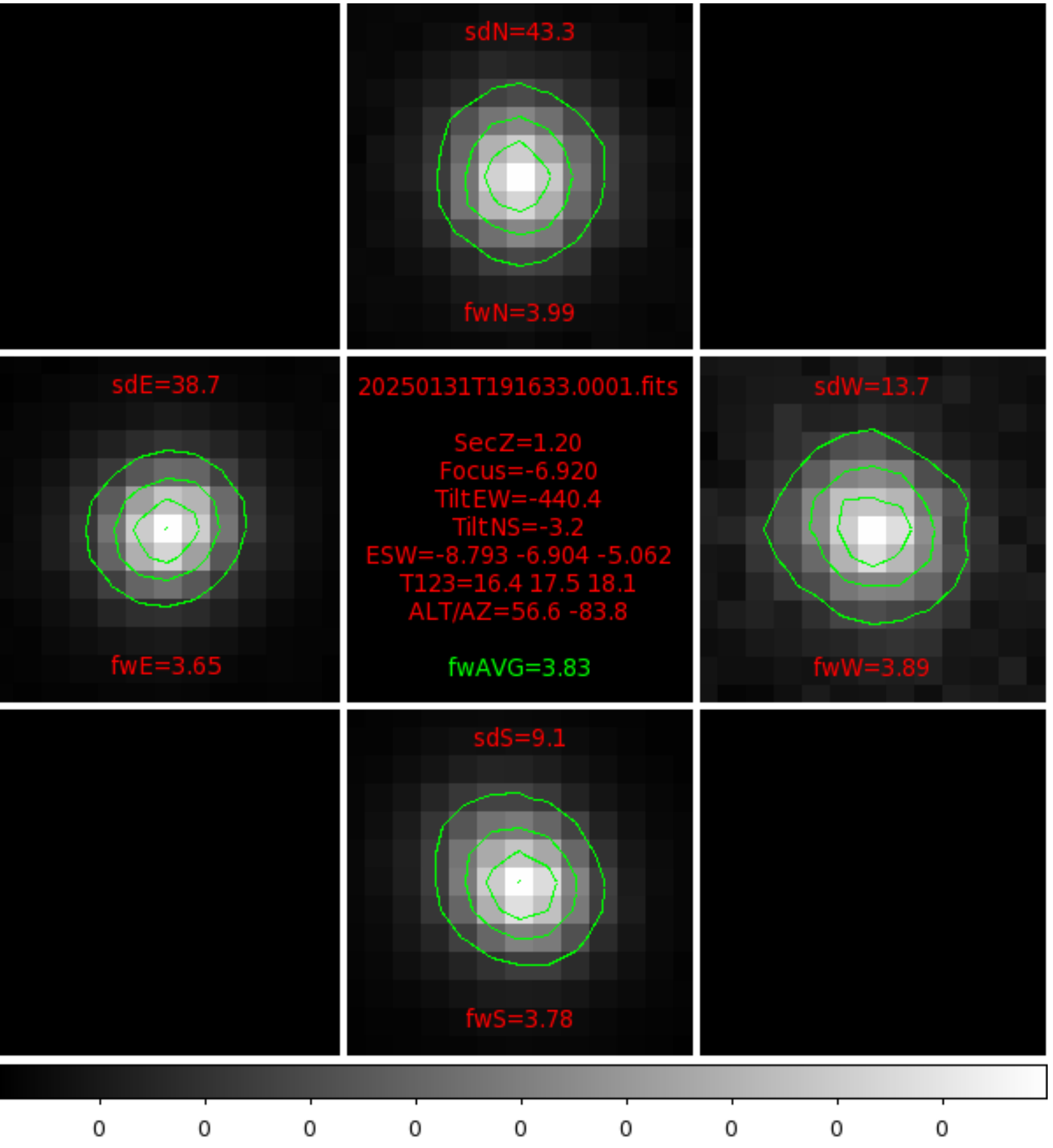

sdN=27.6
fwN=3.76
sdE=16.0
fwE=3.44
20250131T191423.0001.fits
SecZ=1.19
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.5 17.5 18.2
ALT/AZ=57.0 -84.1
fwAVG=3.58
sdW=8.5
fwW=3.58
sdS=7.1
fwS=3.55
0 0 0 0 0 0 0 0 0


sdN=29.1
fwN=4.27
sdE=18.4
fwE=3.91
20250131T191453.0001.fits
SecZ=1.19
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.5 17.5 18.2
ALT/AZ=56.9 -84.0
fwAVG=4.05
sdW=9.9
fwW=4.07
sdS=6.2
fwS=3.97
0 0 0 0 0 0 0 0 0


sdN=43.3
fwN=3.99
sdE=38.7
fwE=3.65
20250131T191633.0001.fits
SecZ=1.20
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=16.4 17.5 18.1
ALT/AZ=56.6 -83.8
fwAVG=3.83
sdW=13.7
fwW=3.89
sdS=9.1
fwS=3.78
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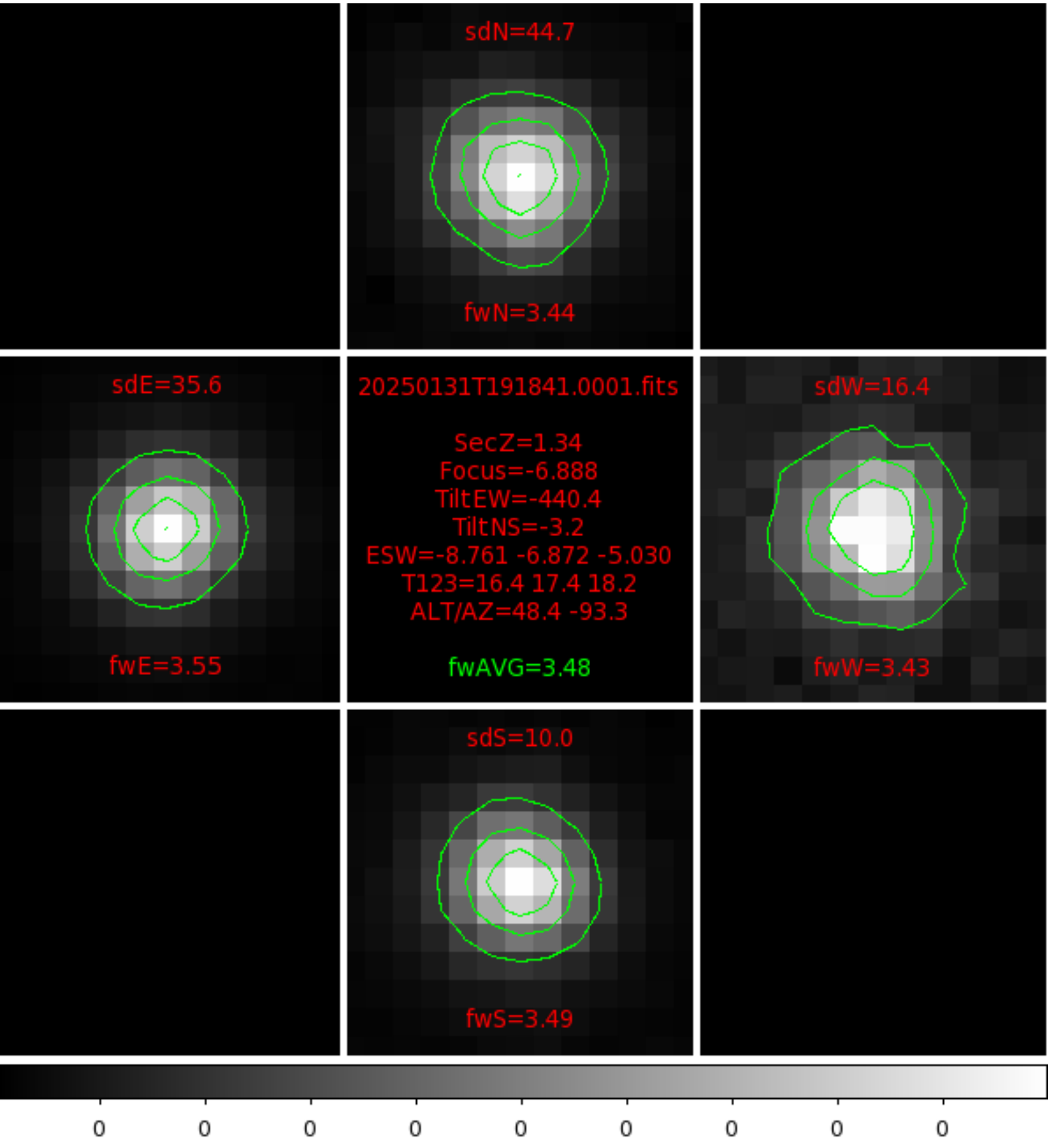
sdN=44.7
fwN=3.44
sdE=35.6
fwE=3.55
20250131T191841.0001.fits
SecZ=1.34
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.4 17.4 18.2
ALT/AZ=48.4 -93.3
fwAVG=3.48
sdW=16.4
fwW=3.43
sdS=10.0
fwS=3.49
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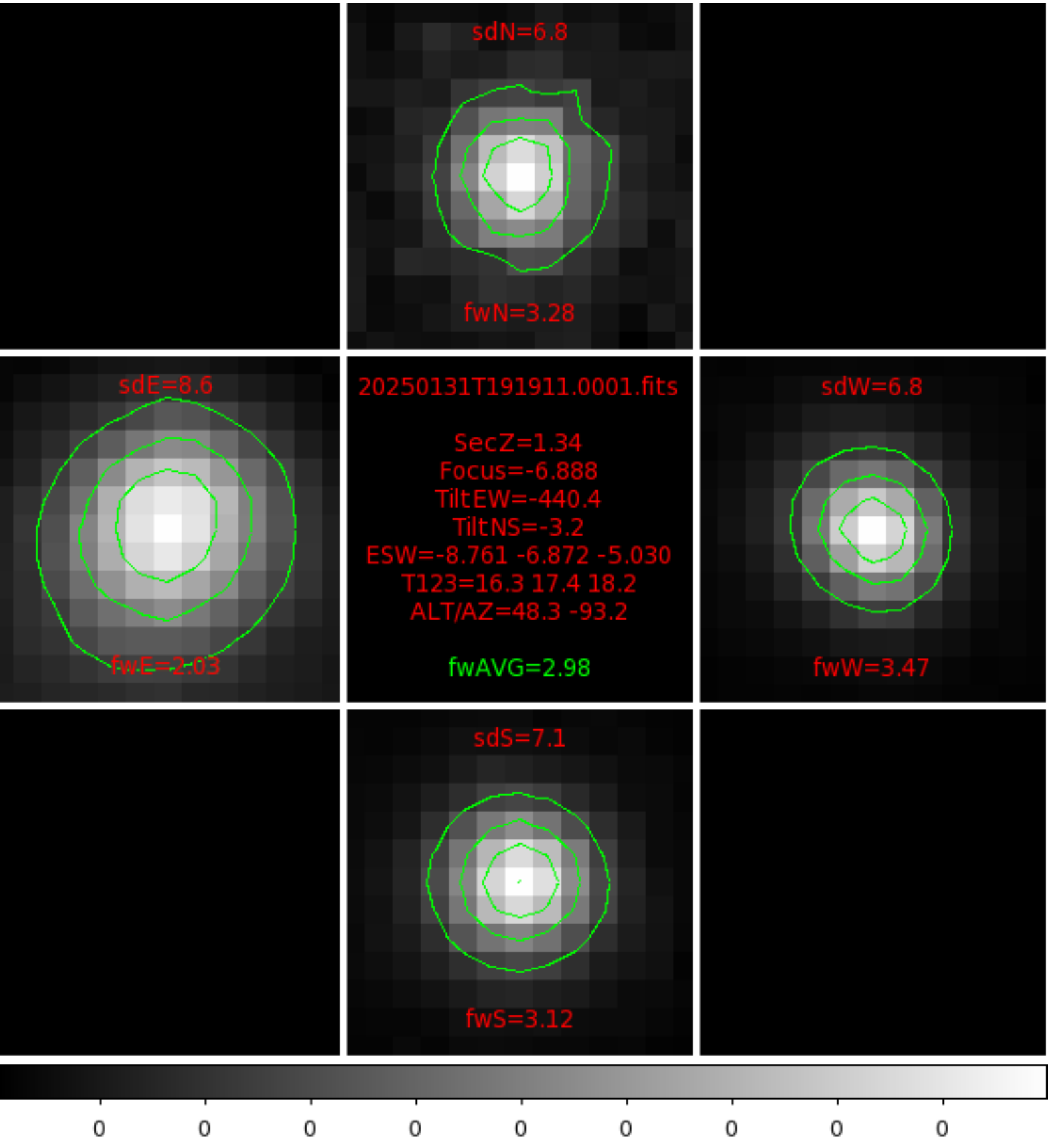
sdN=6.8
fwN=3.28
sdE=8.6
fwE=2.03
20250131T191911.0001.fits
SecZ=1.34
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.3 17.4 18.2
ALT/AZ=48.3 -93.2
fwAVG=2.98
sdW=6.8
fwW=3.47
sdS=7.1
fwS=3.12
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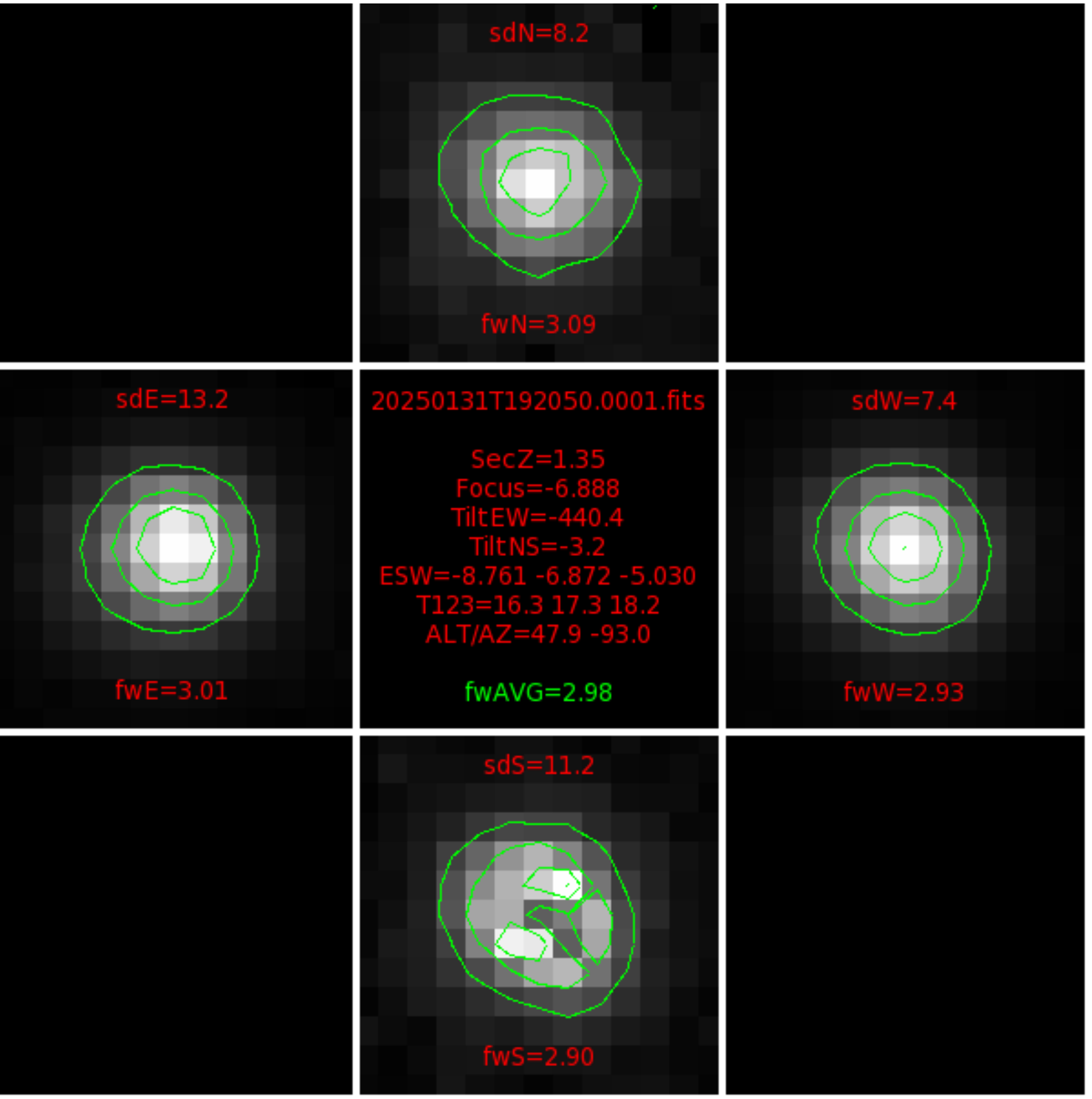
sdN=8.2
fwN=3.09
sdE=13.2
fwE=3.01
20250131T192050.0001.fits
SecZ=1.35
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.3 17.3 18.2
ALT/AZ=47.9 -93.0
fwAVG=2.98
sdW=7.4
fwW=2.93
sdS=11.2
fwS=2.90
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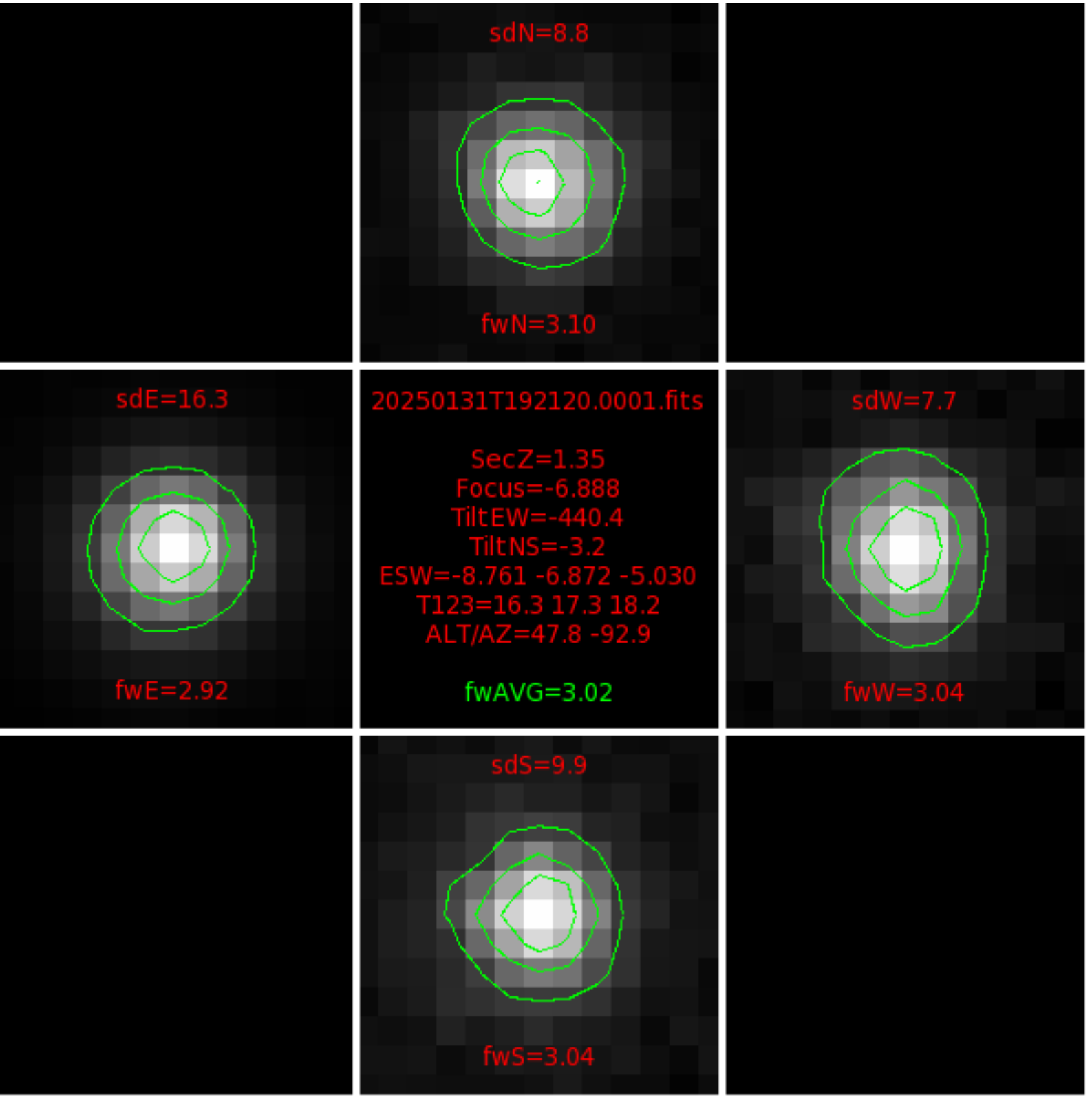
sdN=8.8
fwN=3.10
sdE=16.3
fwE=2.92
20250131T192120.0001.fits
SecZ=1.35
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.3 17.3 18.2
ALT/AZ=47.8 -92.9
fwAVG=3.02
sdW=7.7
fwW=3.04
sdS=9.9
fwS=3.04
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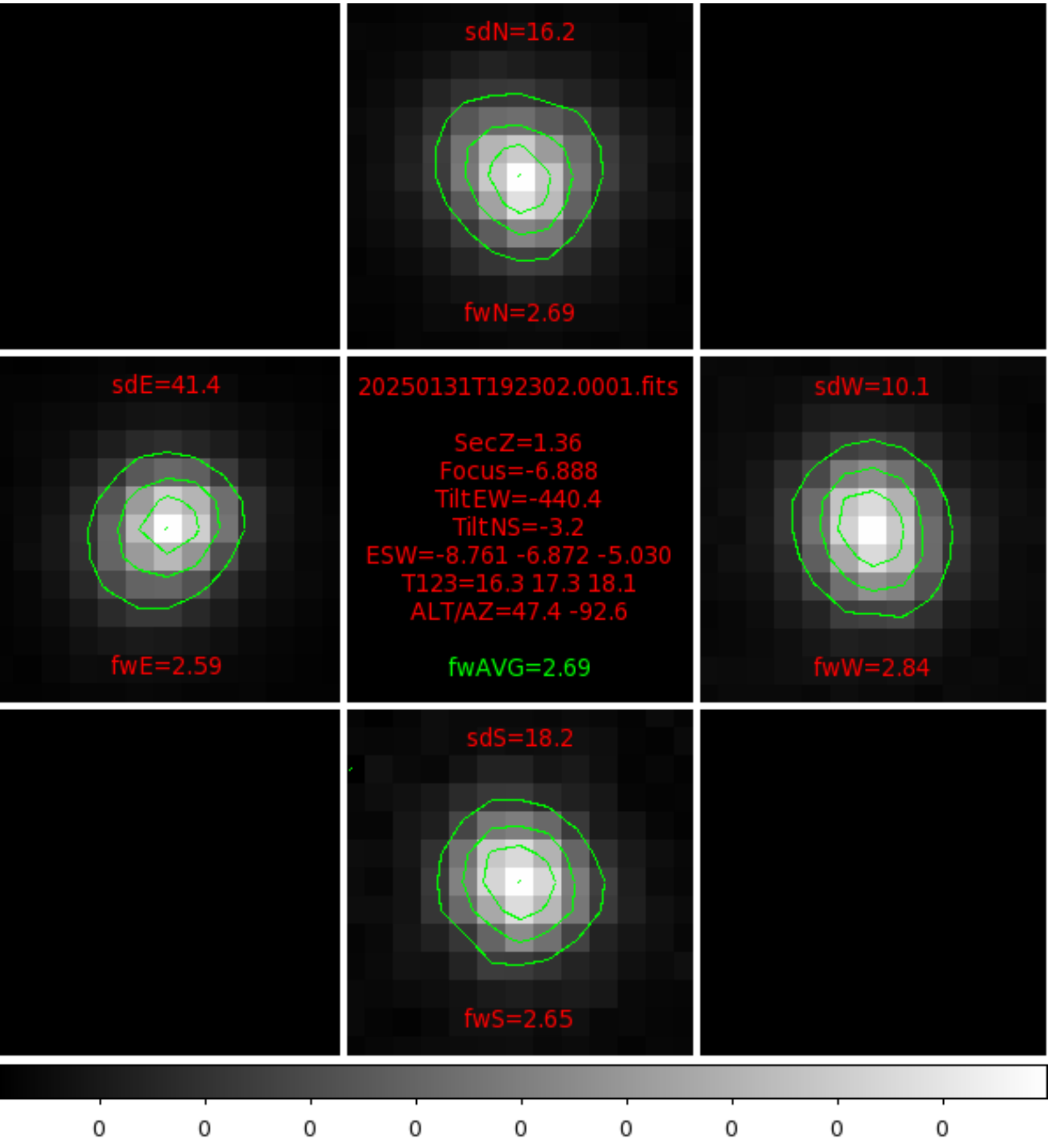
sdN=16.2
fwN=2.69
sdE=41.4
fwE=2.59
20250131T192302.0001.fits
SecZ=1.36
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.3 17.3 18.1
ALT/AZ=47.4 -92.6
fwAVG=2.69
sdW=10.1
fwW=2.84
sdS=18.2
fwS=2.65
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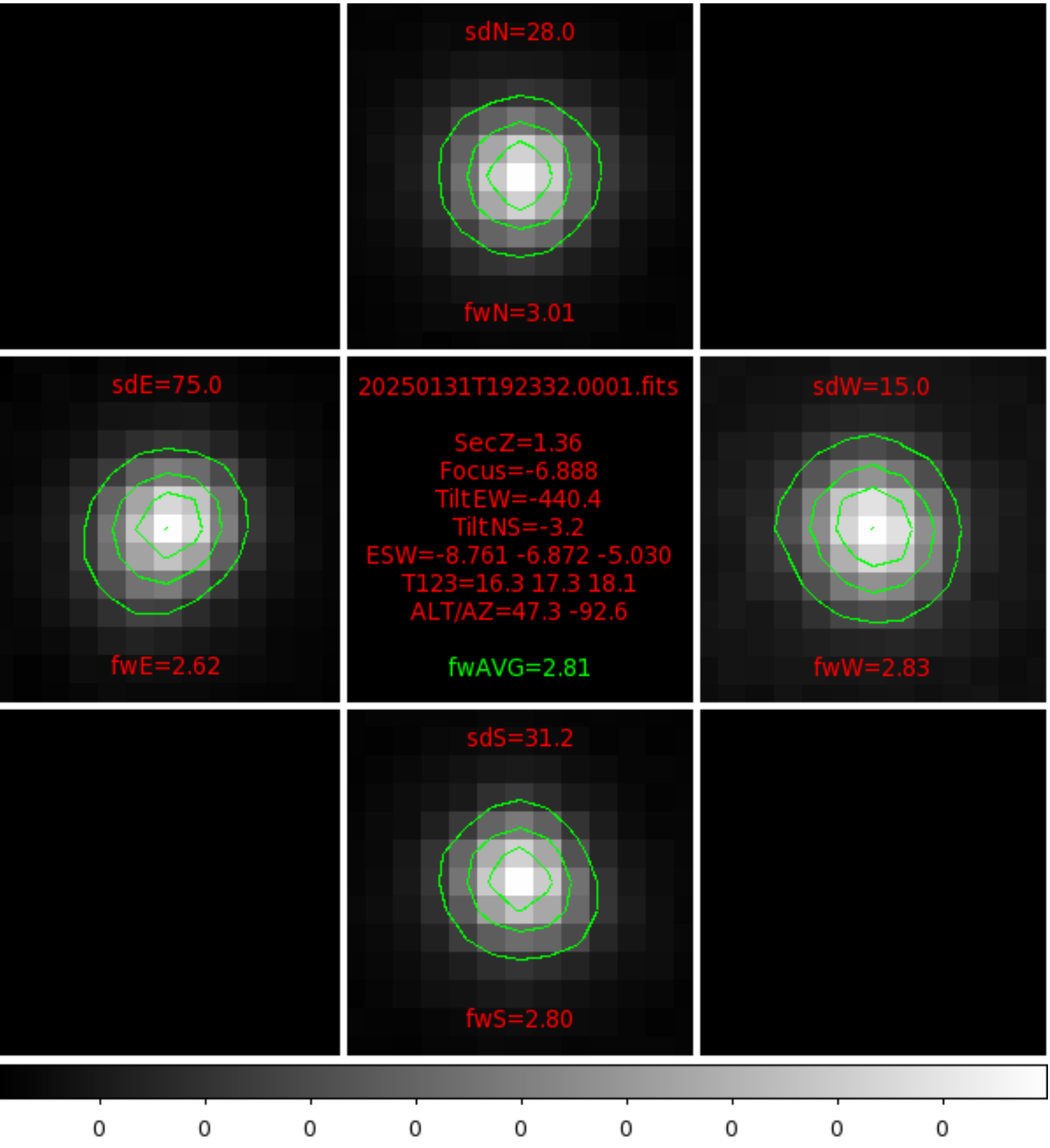
sdN=28.0
fwN=3.01
sdE=75.0
fwE=2.62
20250131T192332.0001.fits
SecZ=1.36
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.3 17.3 18.1
ALT/AZ=47.3 -92.6
fwAVG=2.81
sdW=15.0
fwW=2.83
sdS=31.2
fwS=2.80
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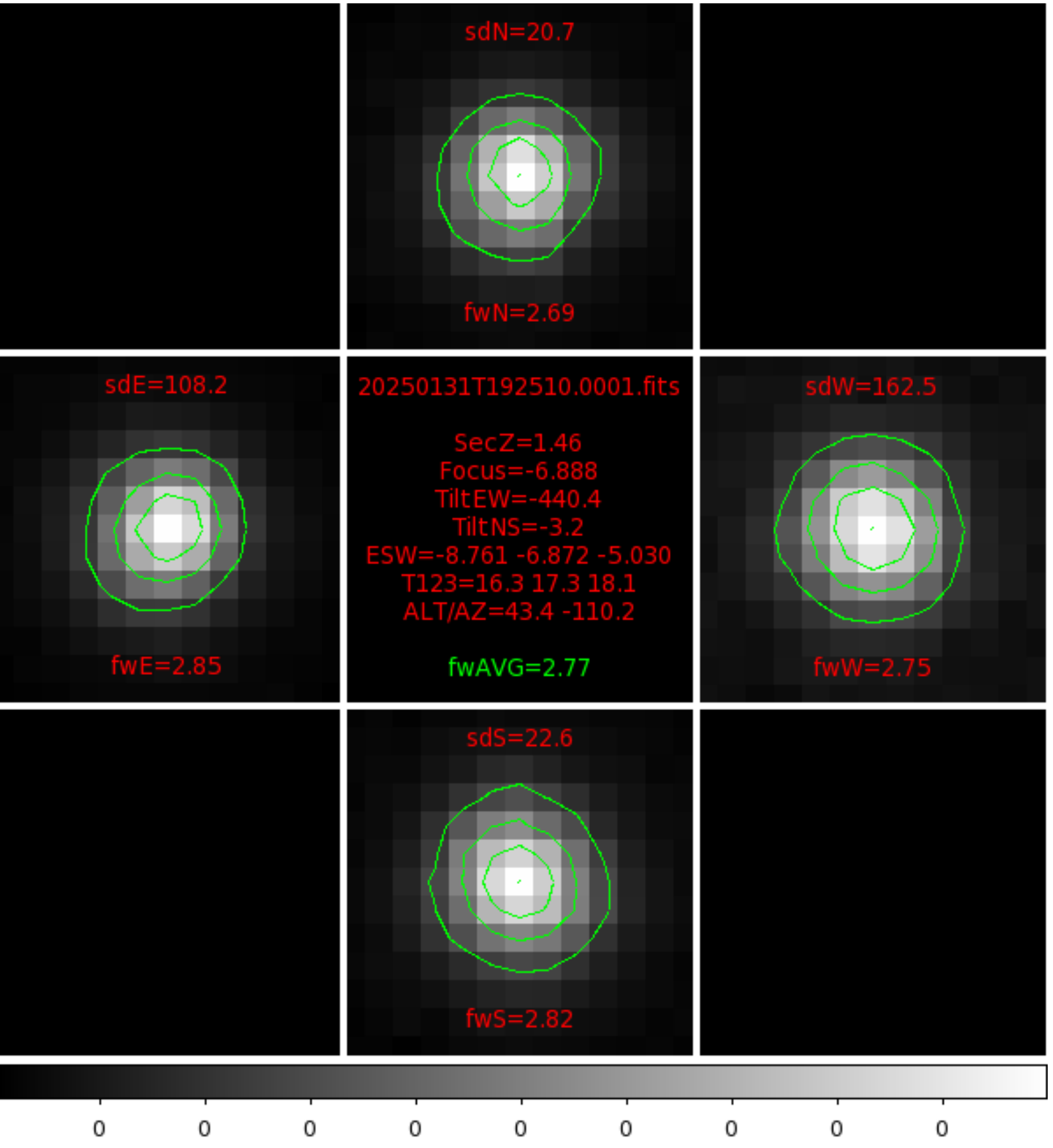
sdN=20.7
fwN=2.69
sdE=108.2
fwE=2.85
20250131T192510.0001.fits
SecZ=1.46
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.3 17.3 18.1
ALT/AZ=43.4 -110.2
fwAVG=2.77
sdW=162.5
fwW=2.75
sdS=22.6
fwS=2.82
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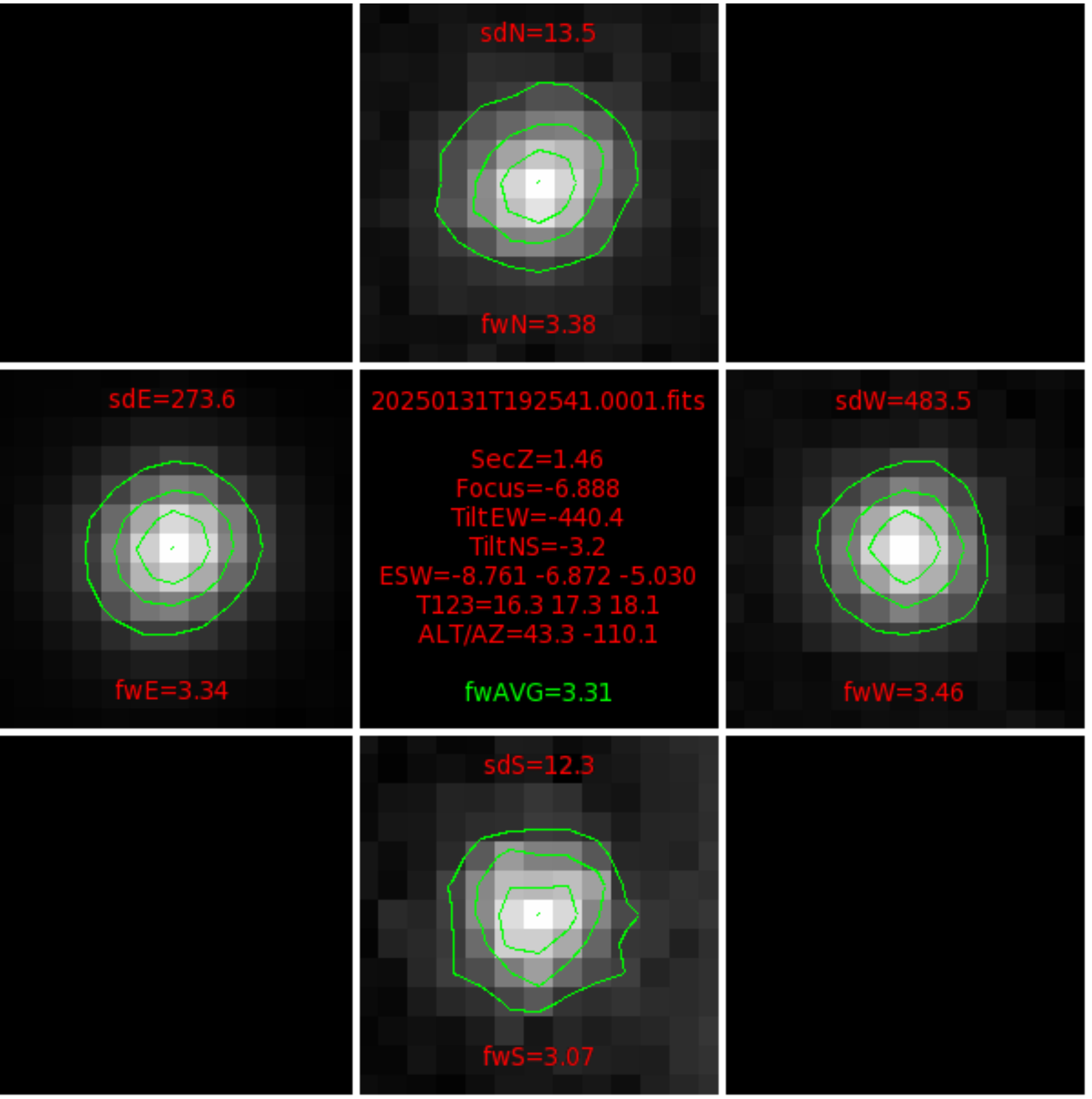
sdN=13.5
fwN=3.38
sdE=273.6
fwE=3.34
20250131T192541.0001.fits
SecZ=1.46
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.3 17.3 18.1
ALT/AZ=43.3 -110.1
fwAVG=3.31
sdW=483.5
fwW=3.46
sdS=12.3
fwS=3.07
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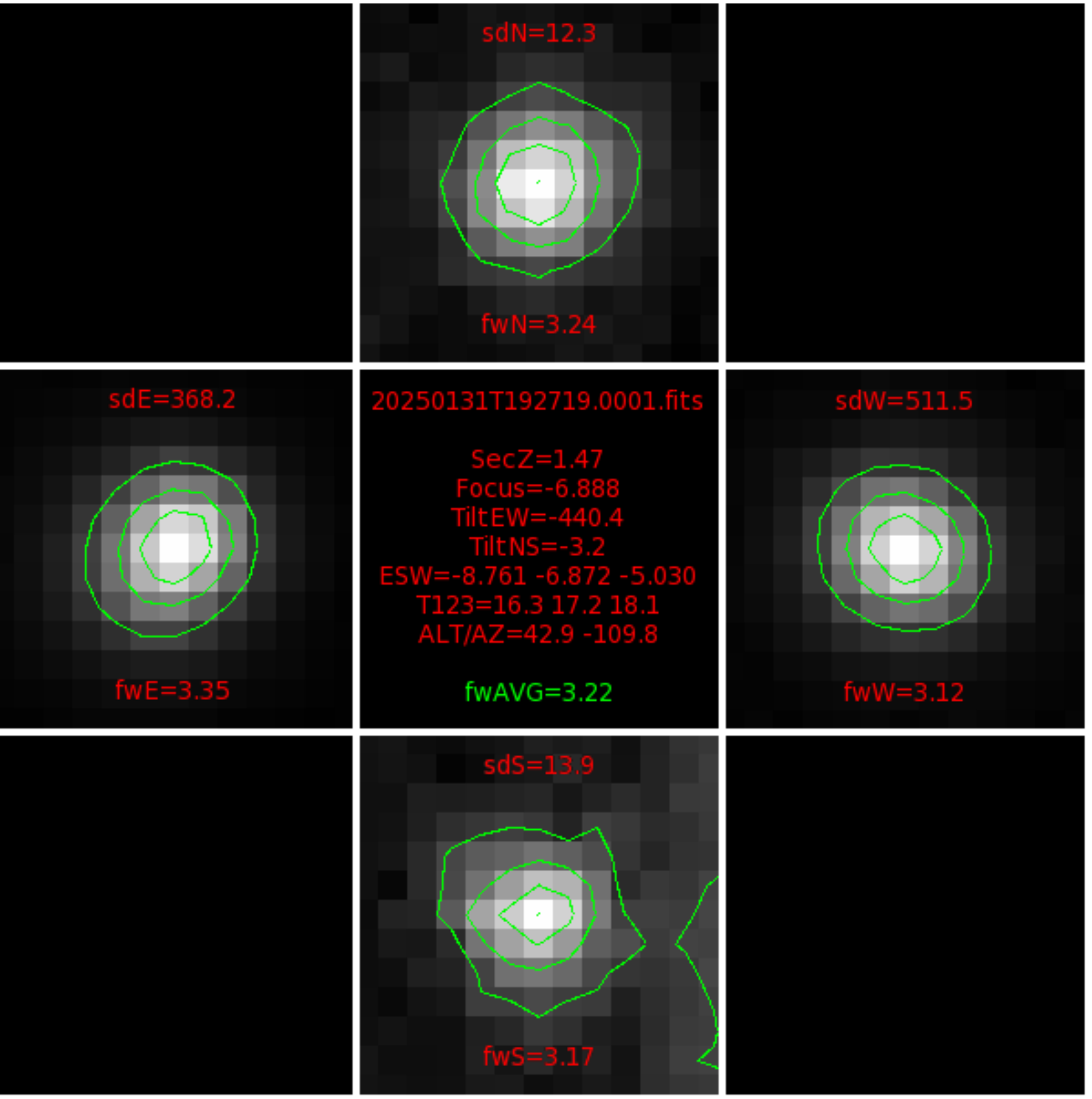
sdN=12.3
fwN=3.24
sdE=368.2
fwE=3.35
20250131T192719.0001.fits
SecZ=1.47
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.3 17.2 18.1
ALT/AZ=42.9 -109.8
fwAVG=3.22
sdW=511.5
fwW=3.12
sdS=13.9
fwS=3.17
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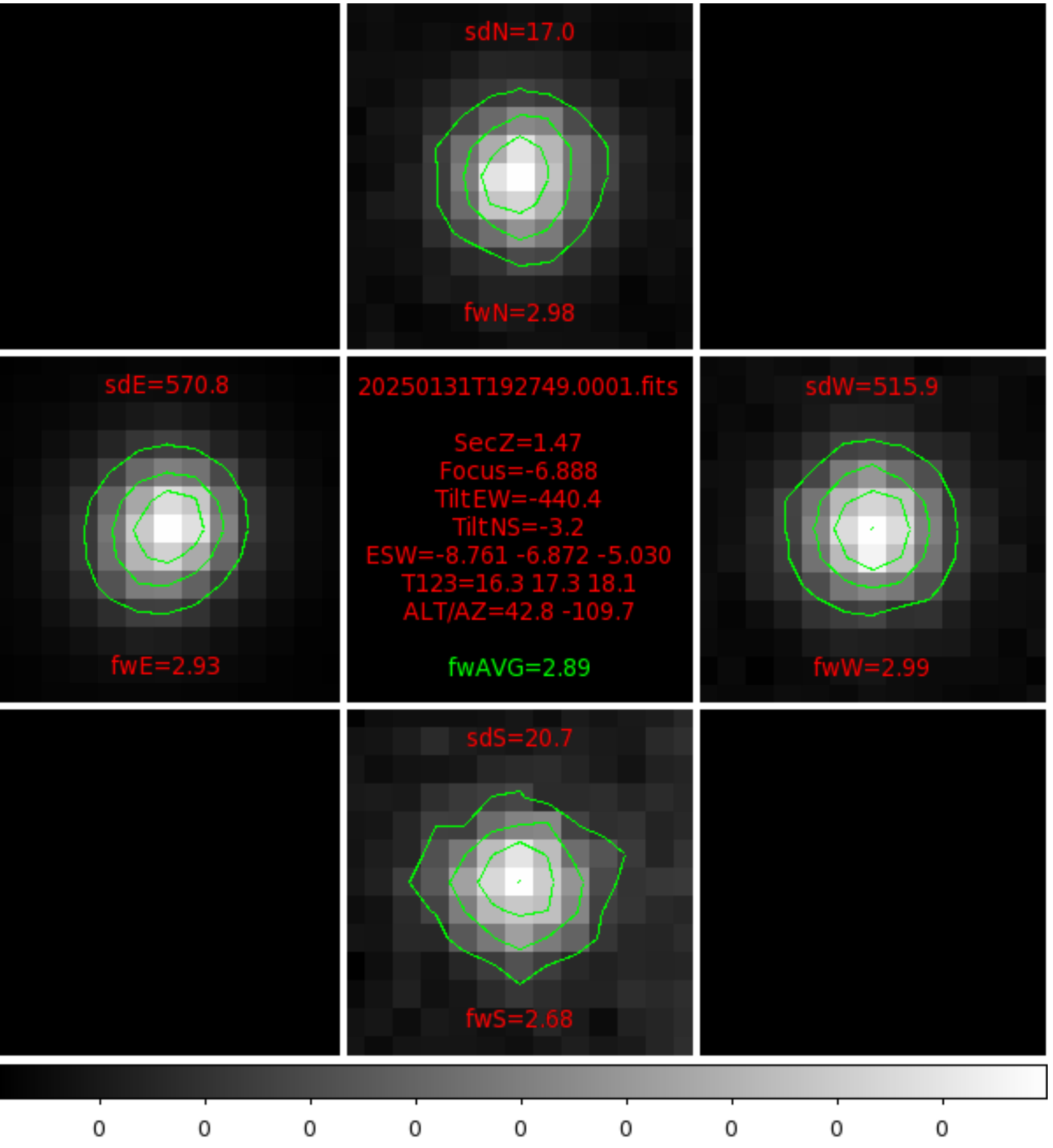
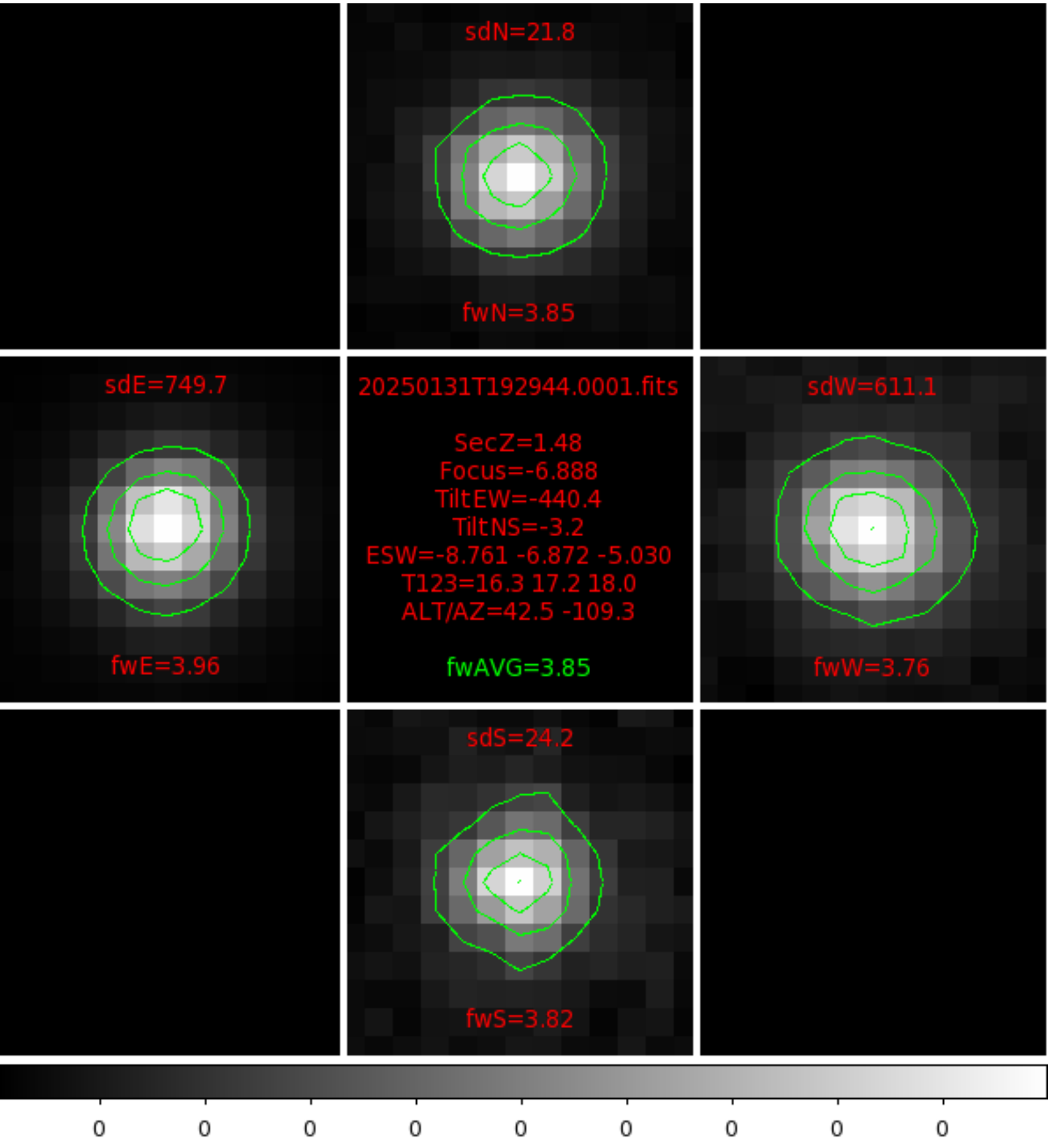

sdN=17.0
fwN=2.98
sdE=570.8
fwE=2.93
20250131T192749.0001.fits
SecZ=1.47
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.3 17.3 18.1
ALT/AZ=42.8 -109.7
fwAVG=2.89
sdW=515.9
fwW=2.99
sdS=20.7
fwS=2.68
0 0 0 0 0 0 0 0 0


sdN=21.8
fwN=3.85
sdE=749.7
fwE=3.96
20250131T192944.0001.fits
SecZ=1.48
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.3 17.2 18.0
ALT/AZ=42.5 -109.3
fwAVG=3.85
sdW=611.1
fwW=3.76
sdS=24.2
fwS=3.82
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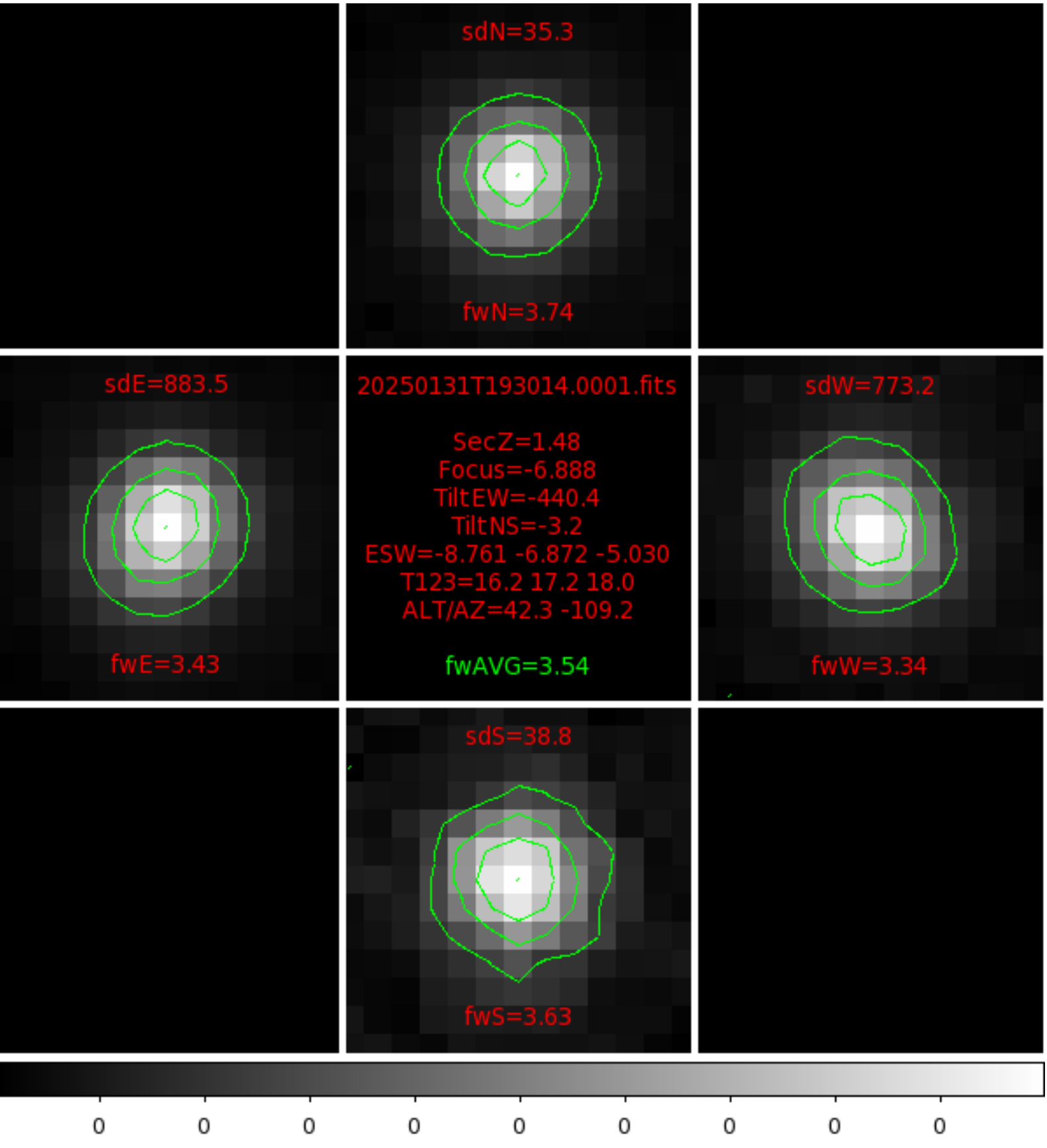
sdN=35.3
fwN=3.74
sdE=883.5
fwE=3.43
20250131T193014.0001.fits
SecZ=1.48
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.2 17.2 18.0
ALT/AZ=42.3 -109.2
fwAVG=3.54
sdW=773.2
fwW=3.34
sdS=38.8
fwS=3.63
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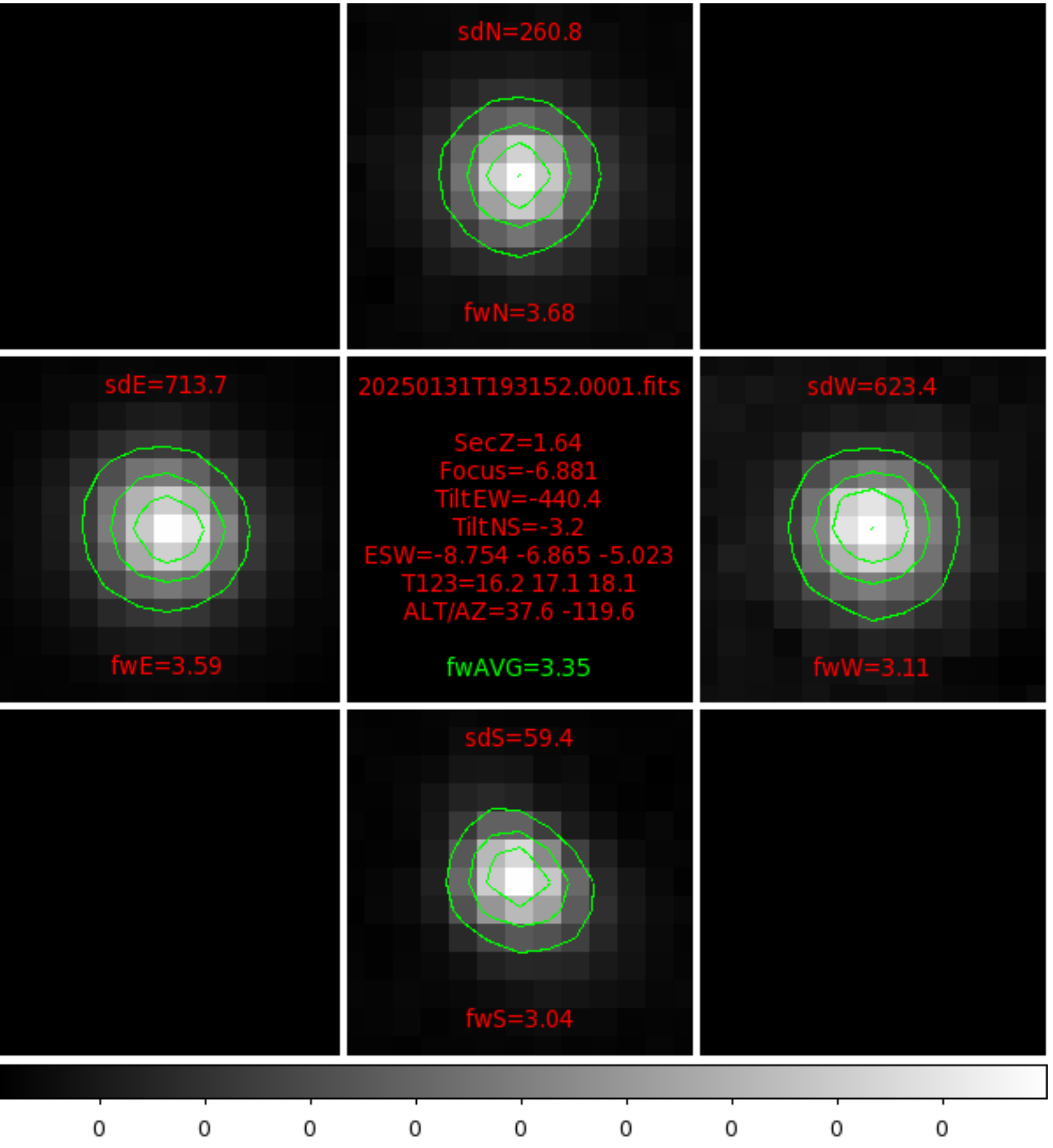
sdN=260.8
fwN=3.68
sdE=713.7
fwE=3.59
20250131T193152.0001.fits
SecZ=1.64
Focus=-6.881
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.754 -6.865 -5.023
T123=16.2 17.1 18.1
ALT/AZ=37.6 -119.6
fwAVG=3.35
sdW=623.4
fwW=3.11
sdS=59.4
fwS=3.04
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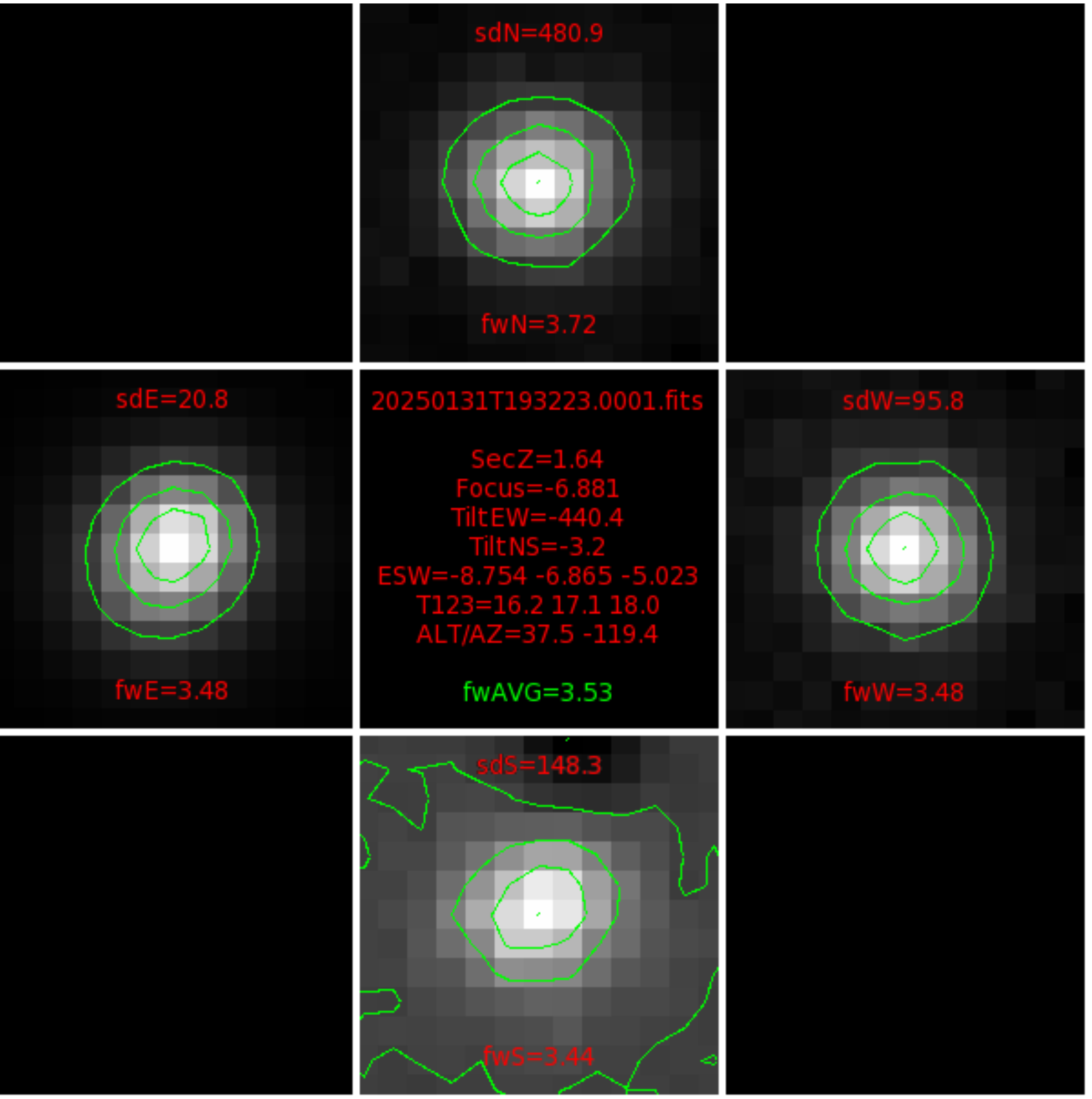
sdN=480.9
fwN=3.72
sdE=20.8
fwE=3.48
20250131T193223.0001.fits
SecZ=1.64
Focus=-6.881
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.754 -6.865 -5.023
T123=16.2 17.1 18.0
ALT/AZ=37.5 -119.4
fwAVG=3.53
sdW=95.8
fwW=3.48
sdS=148.3
fwS=3.44
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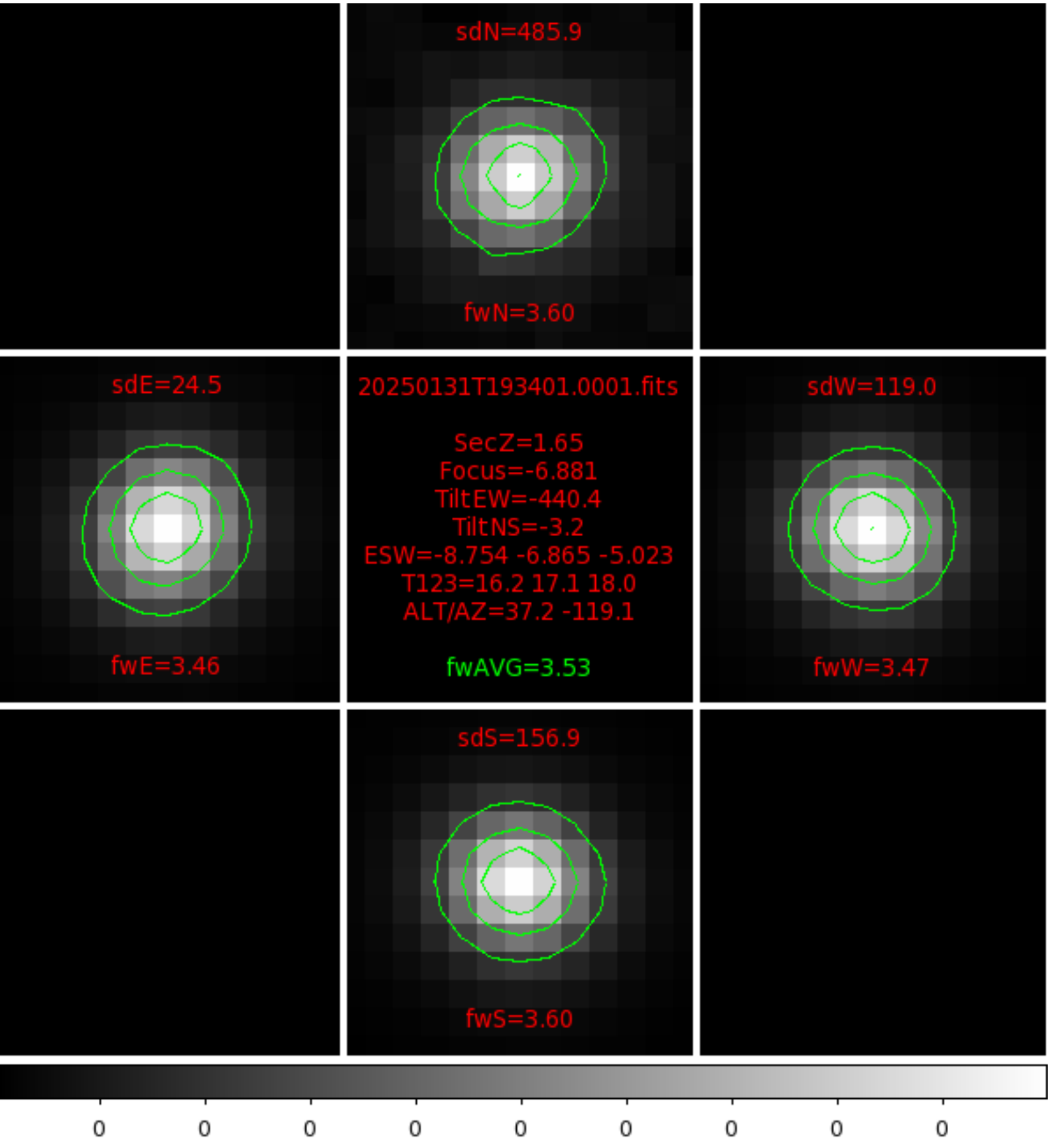
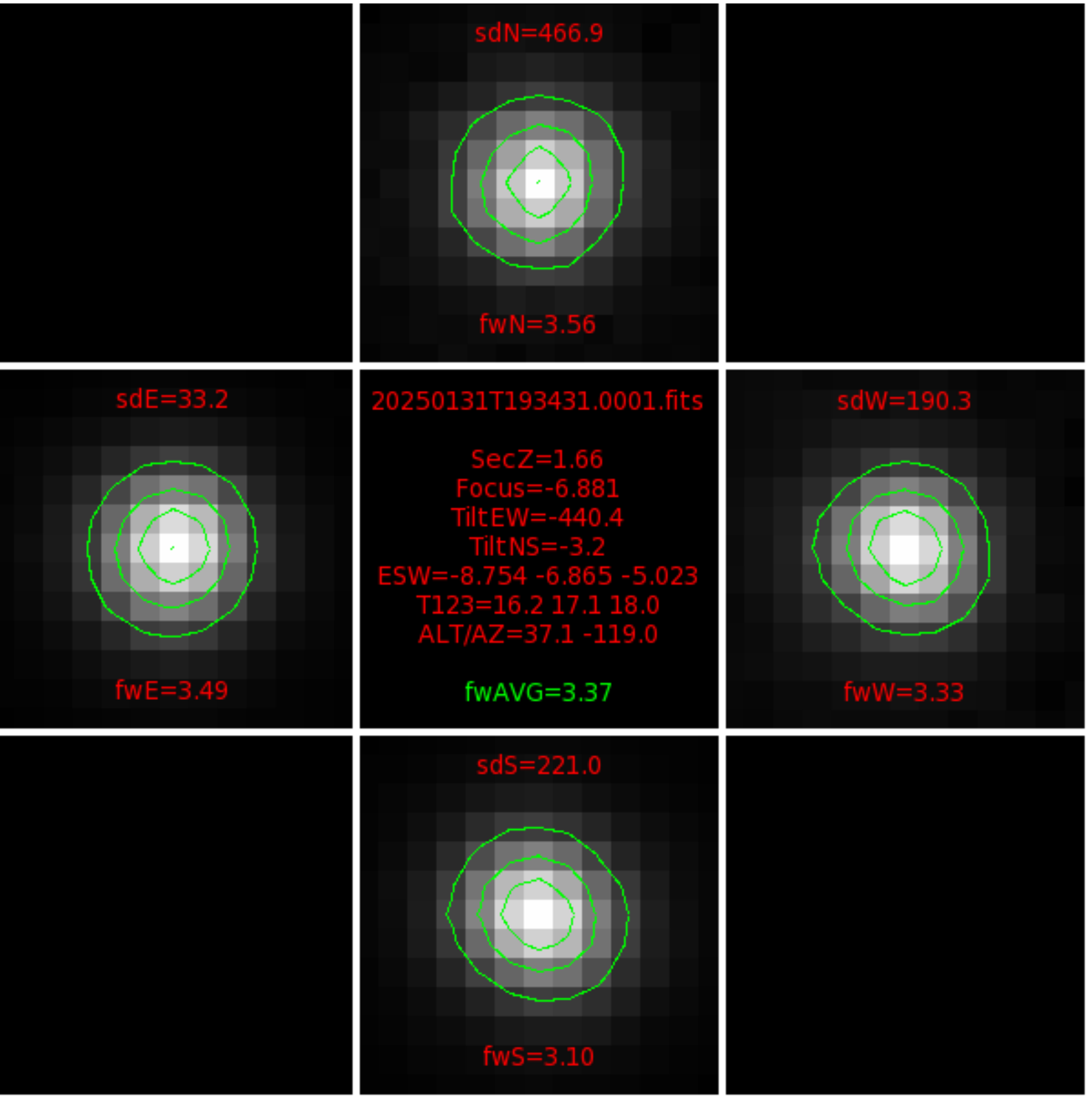
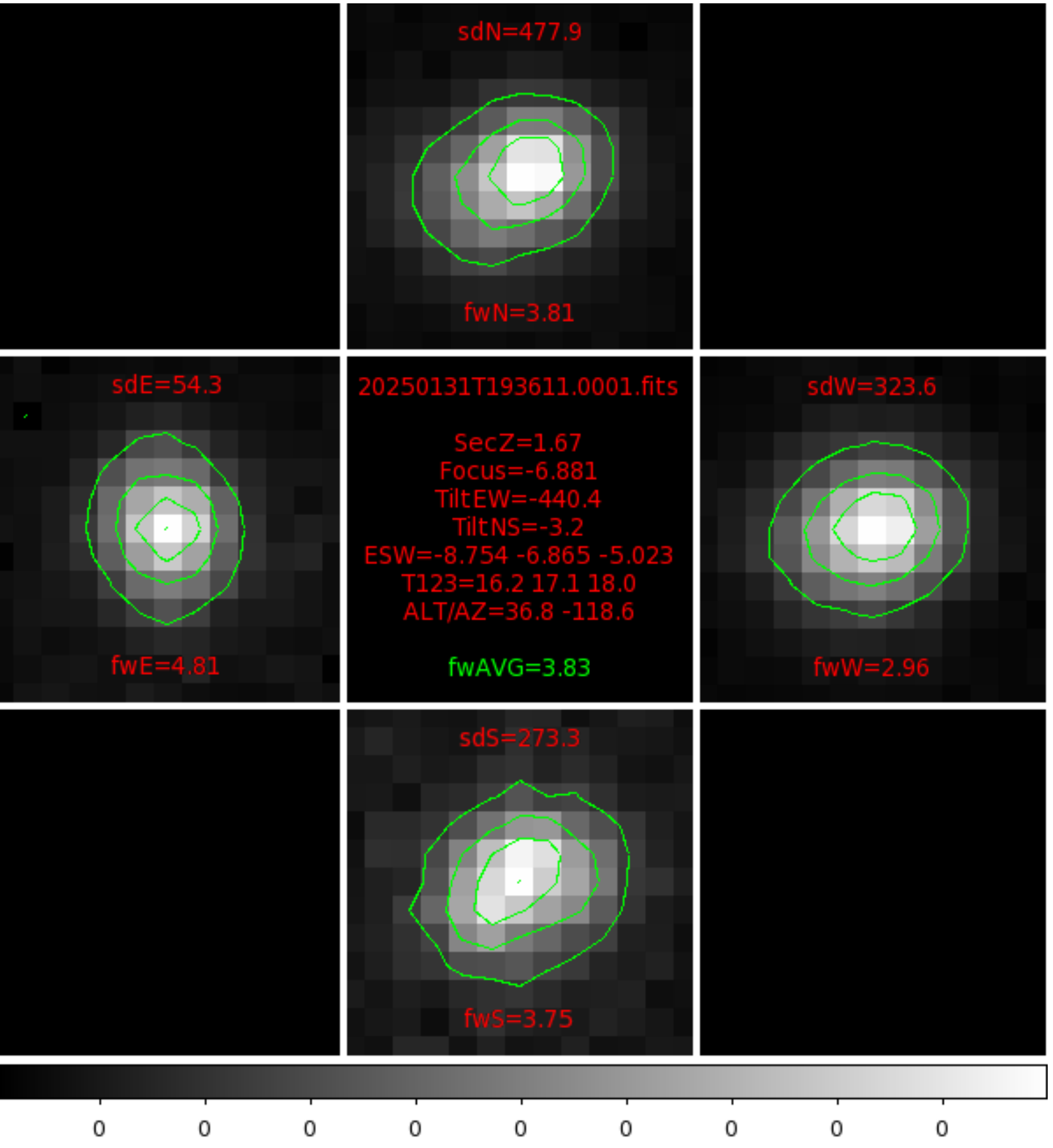
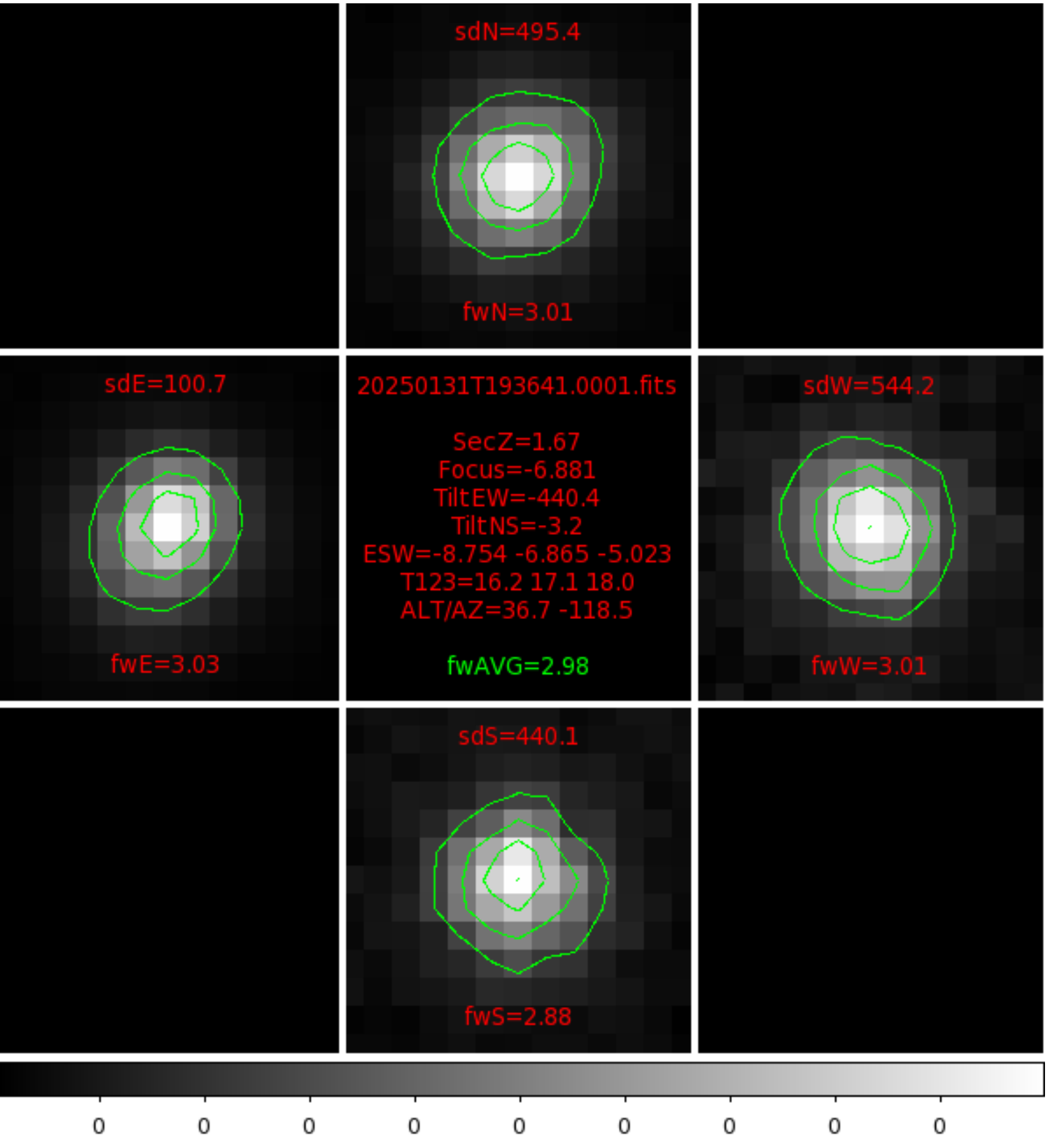
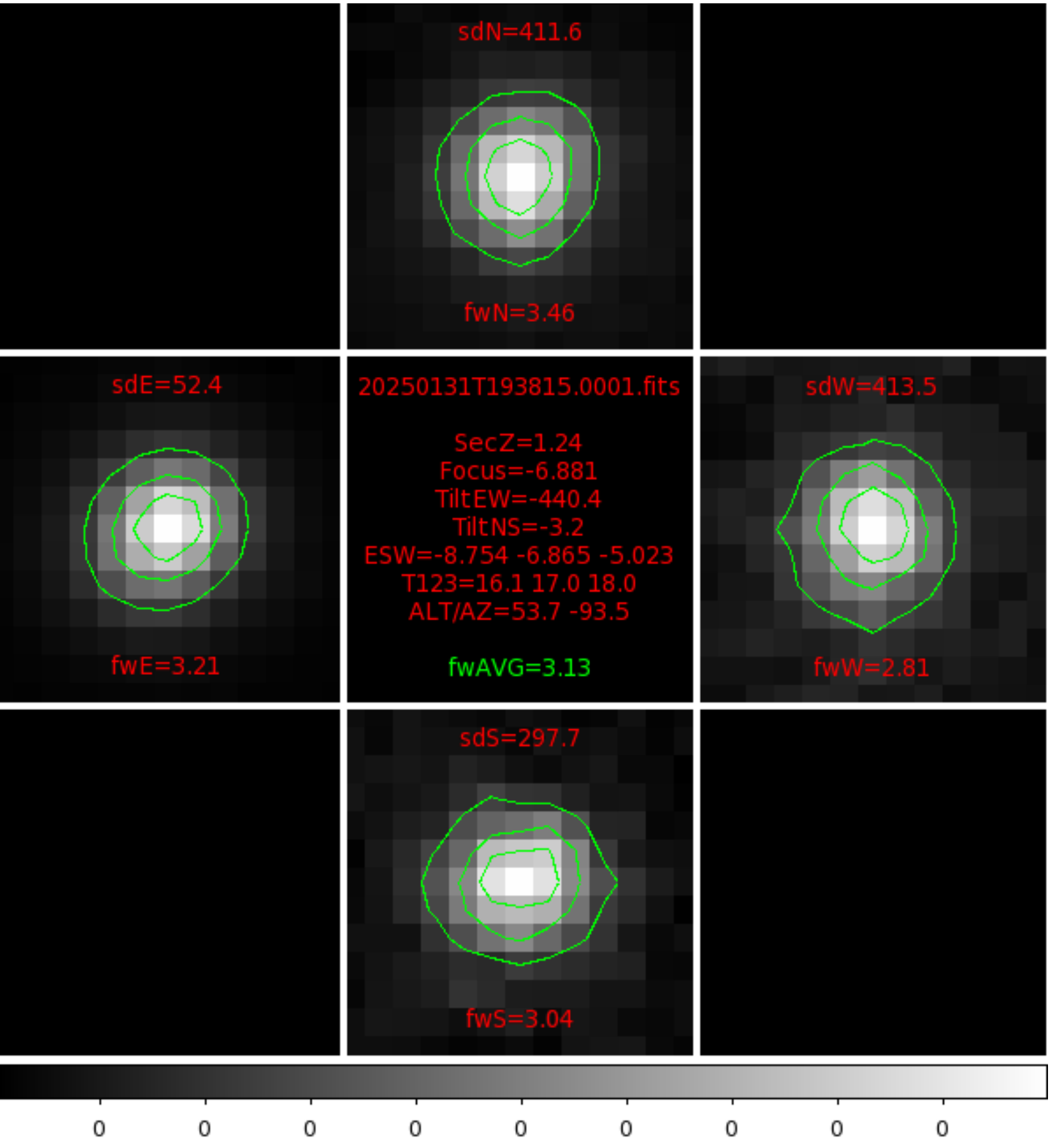
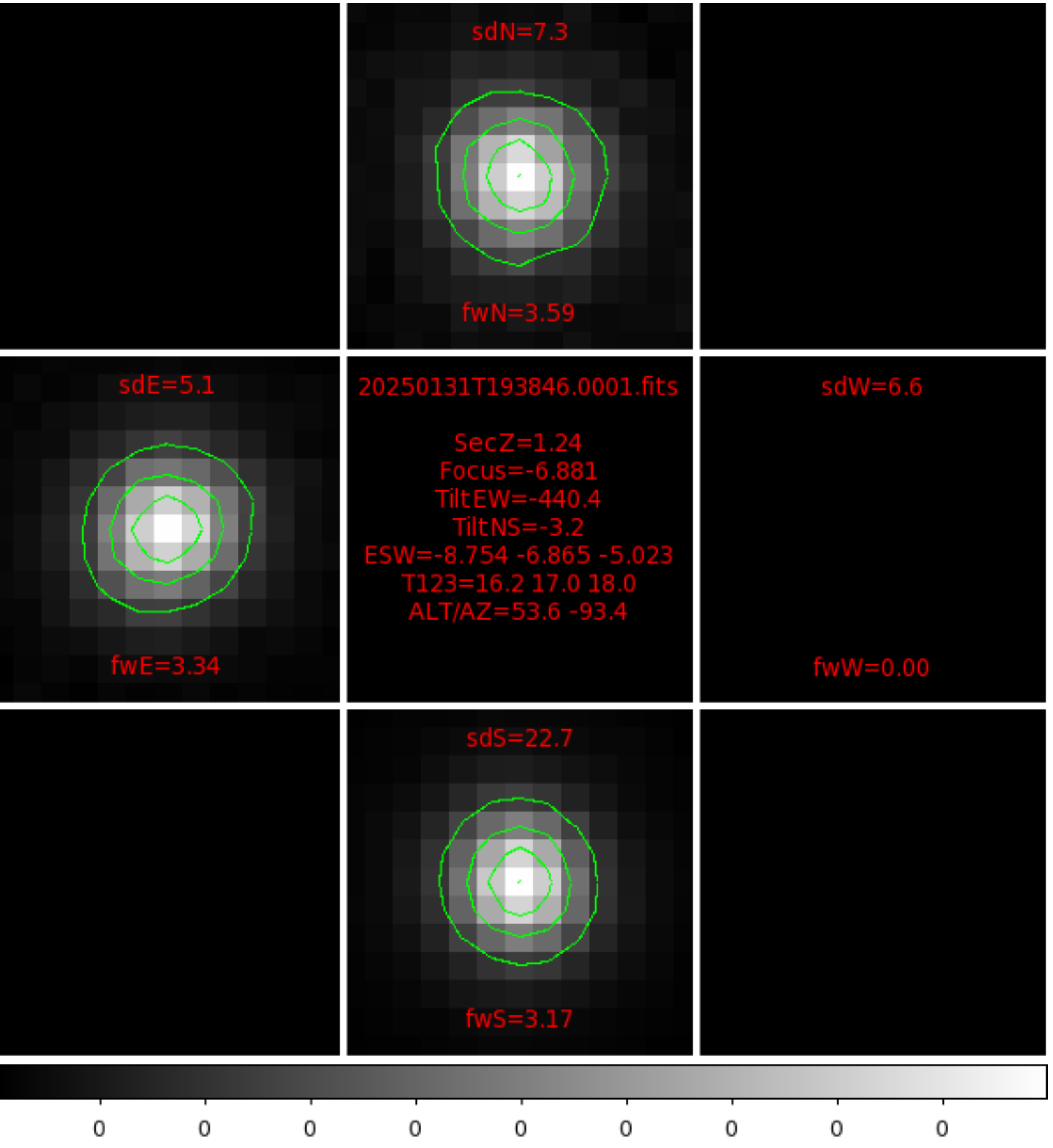

sdN=485.9
fwN=3.60
sdE=24.5
fwE=3.46
20250131T193401.0001.fits
SecZ=1.65
Focus=-6.881
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.754 -6.865 -5.023
T123=16.2 17.1 18.0
ALT/AZ=37.2 -119.1
fwAVG=3.53
sdW=119.0
fwW=3.47
sdS=156.9
fwS=3.60
0 0 0 0 0 0 0 0 0

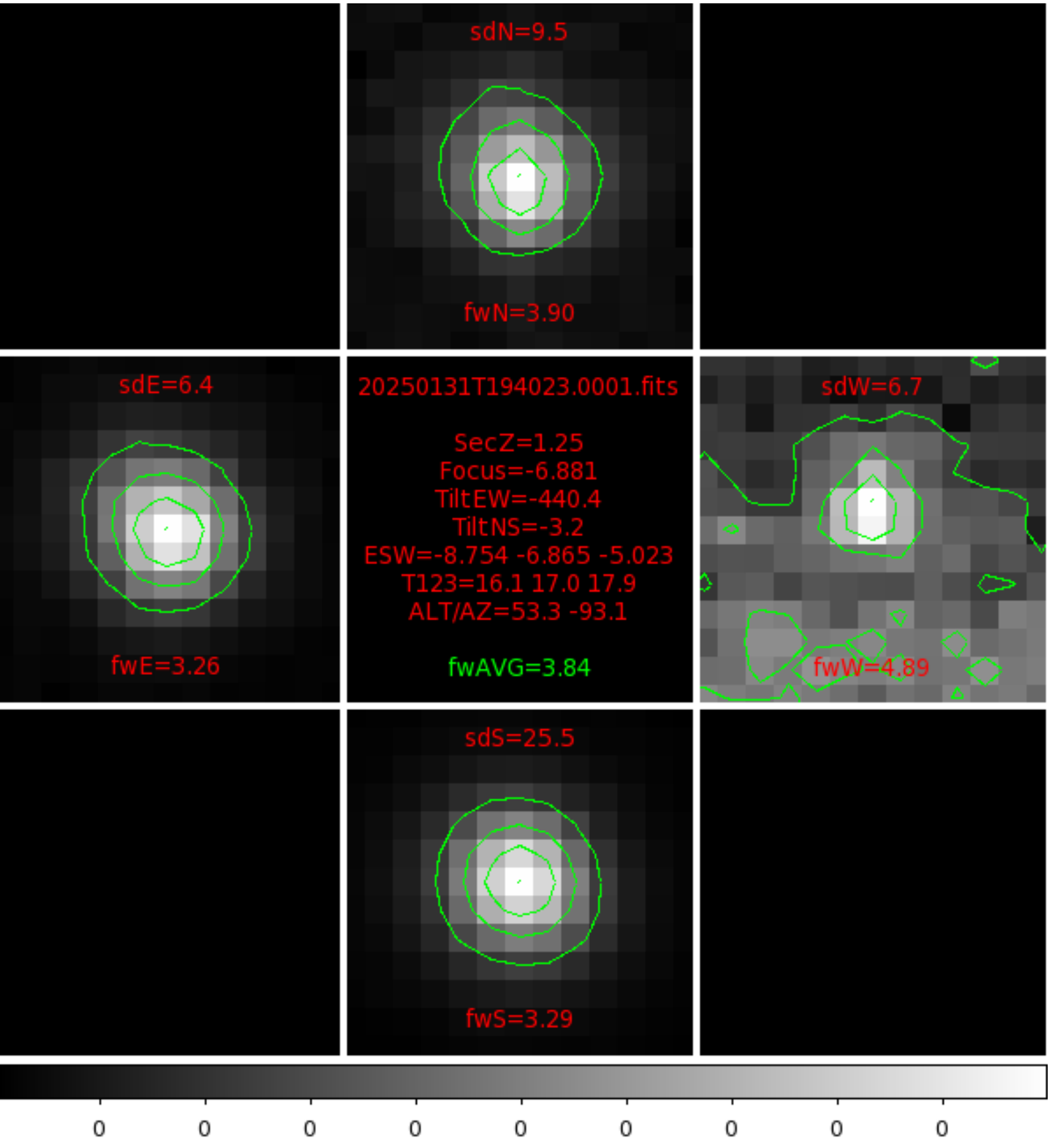

sdN=466.9
fwN=3.56
sdE=33.2
fwE=3.49
20250131T193431.0001.fits
SecZ=1.66
Focus=-6.881
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.754 -6.865 -5.023
T123=16.2 17.1 18.0
ALT/AZ=37.1 -119.0
fwAVG=3.37
sdW=190.3
fwW=3.33
sdS=221.0
fwS=3.10
0 0 0 0 0 0 0 0 0


sdN=477.9
fwN=3.81
sdE=54.3
fwE=4.81
20250131T193611.0001.fits
SecZ=1.67
Focus=-6.881
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.754 -6.865 -5.023
T123=16.2 17.1 18.0
ALT/AZ=36.8 -118.6
fwAVG=3.83
sdW=323.6
fwW=2.96
sdS=273.3
fwS=3.75
0 0 0 0 0 0 0 0 0


sdN=495.4
fwN=3.01
sdE=100.7
fwE=3.03
20250131T193641.0001.fits
SecZ=1.67
Focus=-6.881
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.754 -6.865 -5.023
T123=16.2 17.1 18.0
ALT/AZ=36.7 -118.5
fwAVG=2.98
sdW=544.2
fwW=3.01
sdS=440.1
fwS=2.88
0 0 0 0 0 0 0 0 0


sdN=411.6
fwN=3.46
sdE=52.4
fwE=3.21
20250131T193815.0001.fits
SecZ=1.24
Focus=-6.881
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.754 -6.865 -5.023
T123=16.1 17.0 18.0
ALT/AZ=53.7 -93.5
fwAVG=3.13
sdW=413.5
fwW=2.81
sdS=297.7
fwS=3.04
0 0 0 0 0 0 0 0 0


sdN=7.3
fwN=3.59
sdE=5.1
fwE=3.34
20250131T193846.0001.fits
SecZ=1.24
Focus=-6.881
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.754 -6.865 -5.023
T123=16.2 17.0 18.0
ALT/AZ=53.6 -93.4
sdW=6.6
fwW=0.00
sdS=22.7
fwS=3.17
0 0 0 0 0 0 0 0 0


sdN=9.5
fwN=3.90
sdE=6.4
fwE=3.26
20250131T194023.0001.fits
SecZ=1.25
Focus=-6.881
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.754 -6.865 -5.023
T123=16.1 17.0 17.9
ALT/AZ=53.3 -93.1
fwAVG=3.84
sdW=6.7
fwW=4.89
sdS=25.5
fwS=3.29
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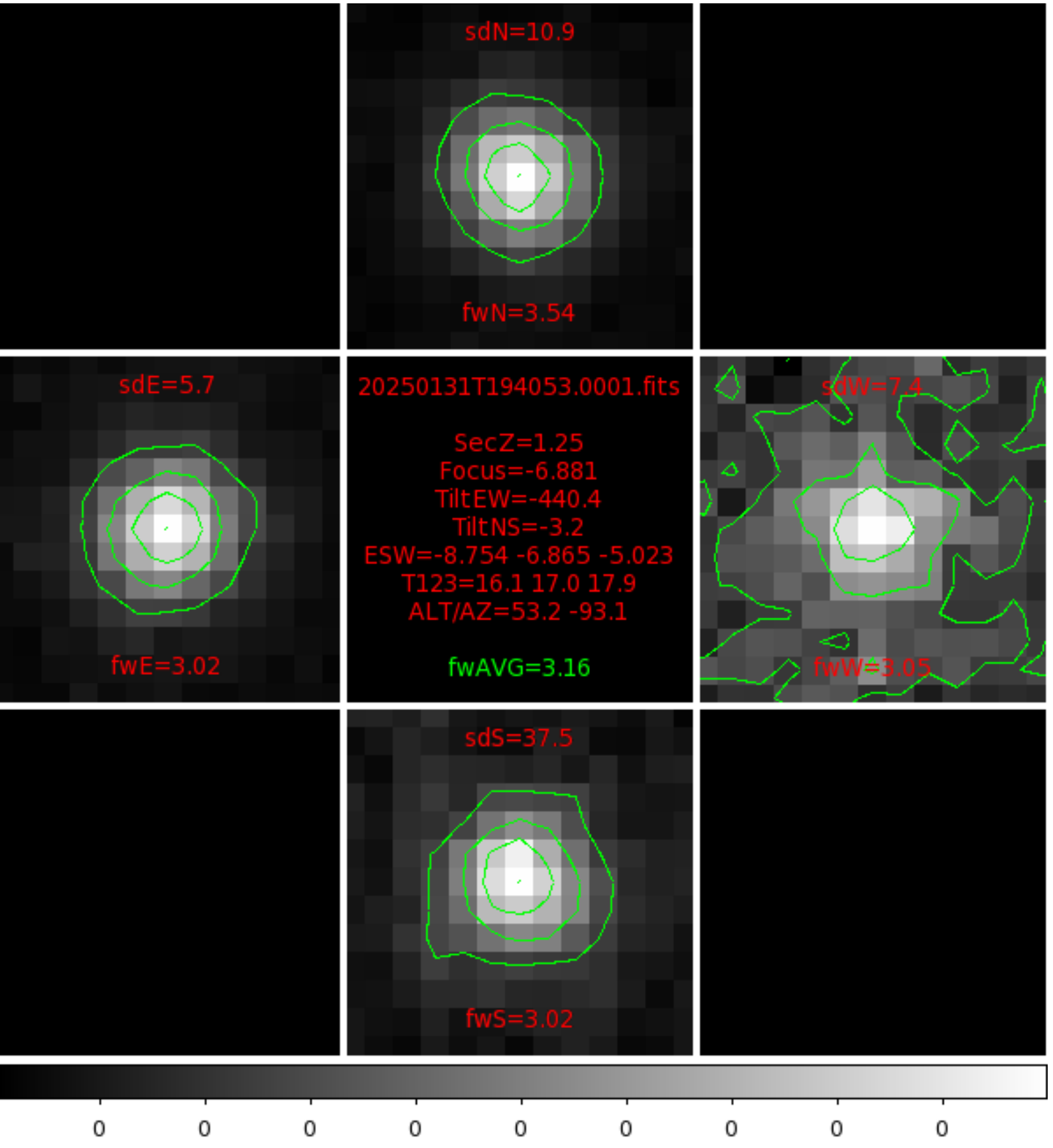
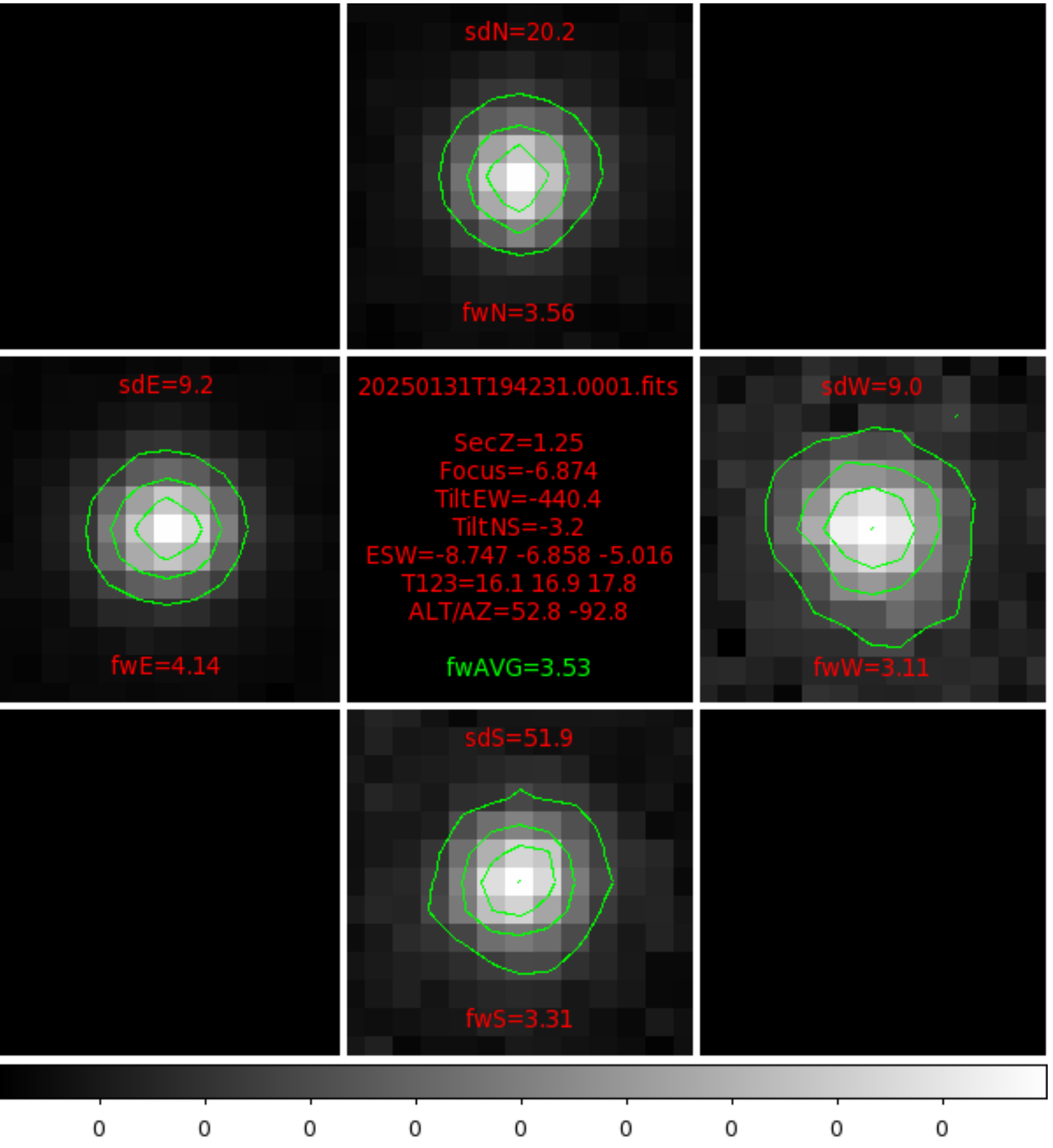

sdN=10.9
fwN=3.54
sdE=5.7
fwE=3.02
20250131T194053.0001.fits
SecZ=1.25
Focus=-6.881
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.754 -6.865 -5.023
T123=16.1 17.0 17.9
ALT/AZ=53.2 -93.1
fwAVG=3.16
sdW=7.4
fwW=3.05
sdS=37.5
fwS=3.02
0 0 0 0 0 0 0 0 0


sdN=20.2
fwN=3.56
sdE=9.2
fwE=4.14
20250131T194231.0001.fits
SecZ=1.25
Focus=-6.874
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.747 -6.858 -5.016
T123=16.1 16.9 17.8
ALT/AZ=52.8 -92.8
fwAVG=3.53
sdW=9.0
fwW=3.11
sdS=51.9
fwS=3.31
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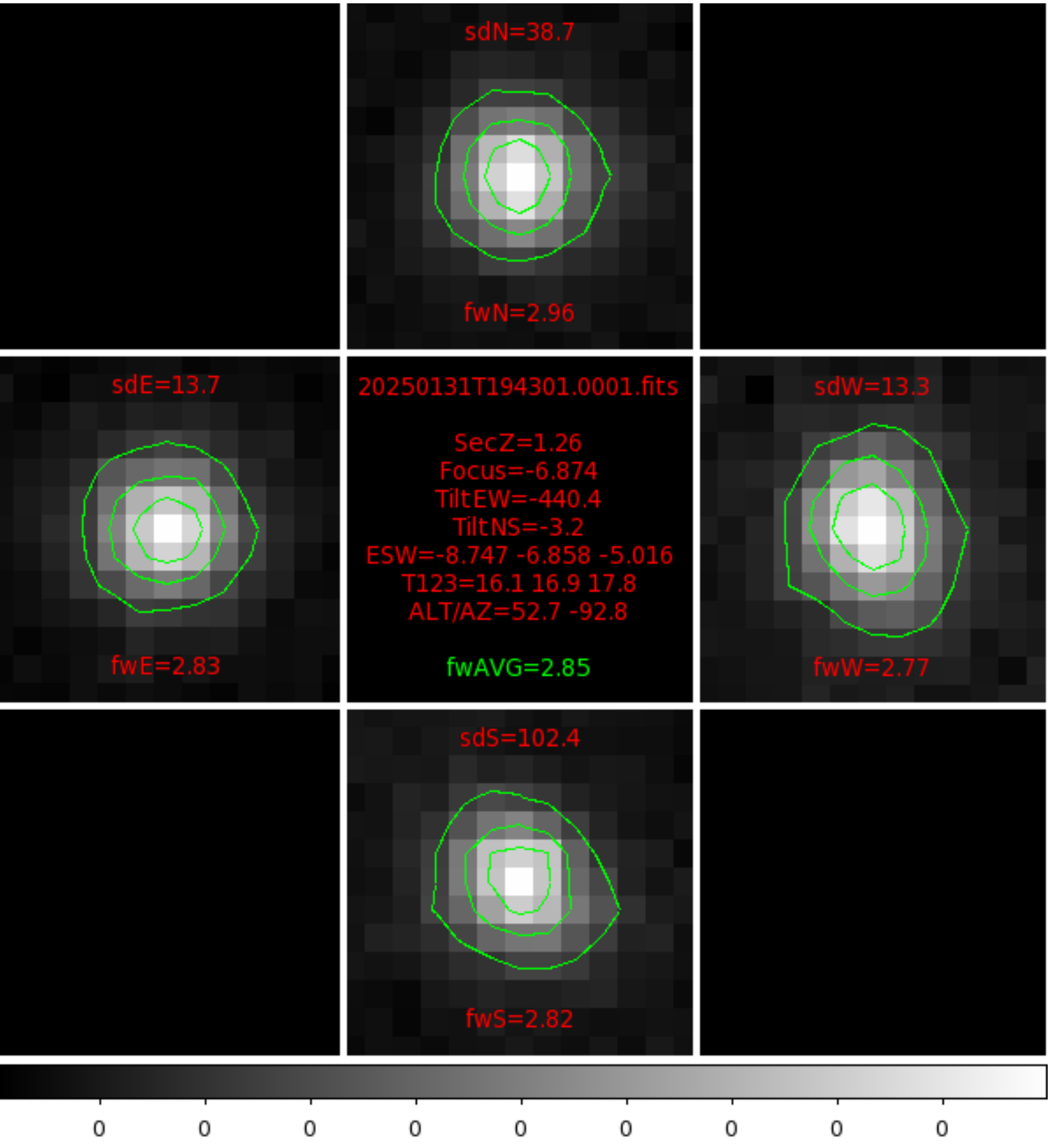
sdN=38.7
fwN=2.96
sdE=13.7
fwE=2.83
20250131T194301.0001.fits
SecZ=1.26
Focus=-6.874
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.747 -6.858 -5.016
T123=16.1 16.9 17.8
ALT/AZ=52.7 -92.8
fwAVG=2.85
sdW=13.3
fwW=2.77
sdS=102.4
fwS=2.82
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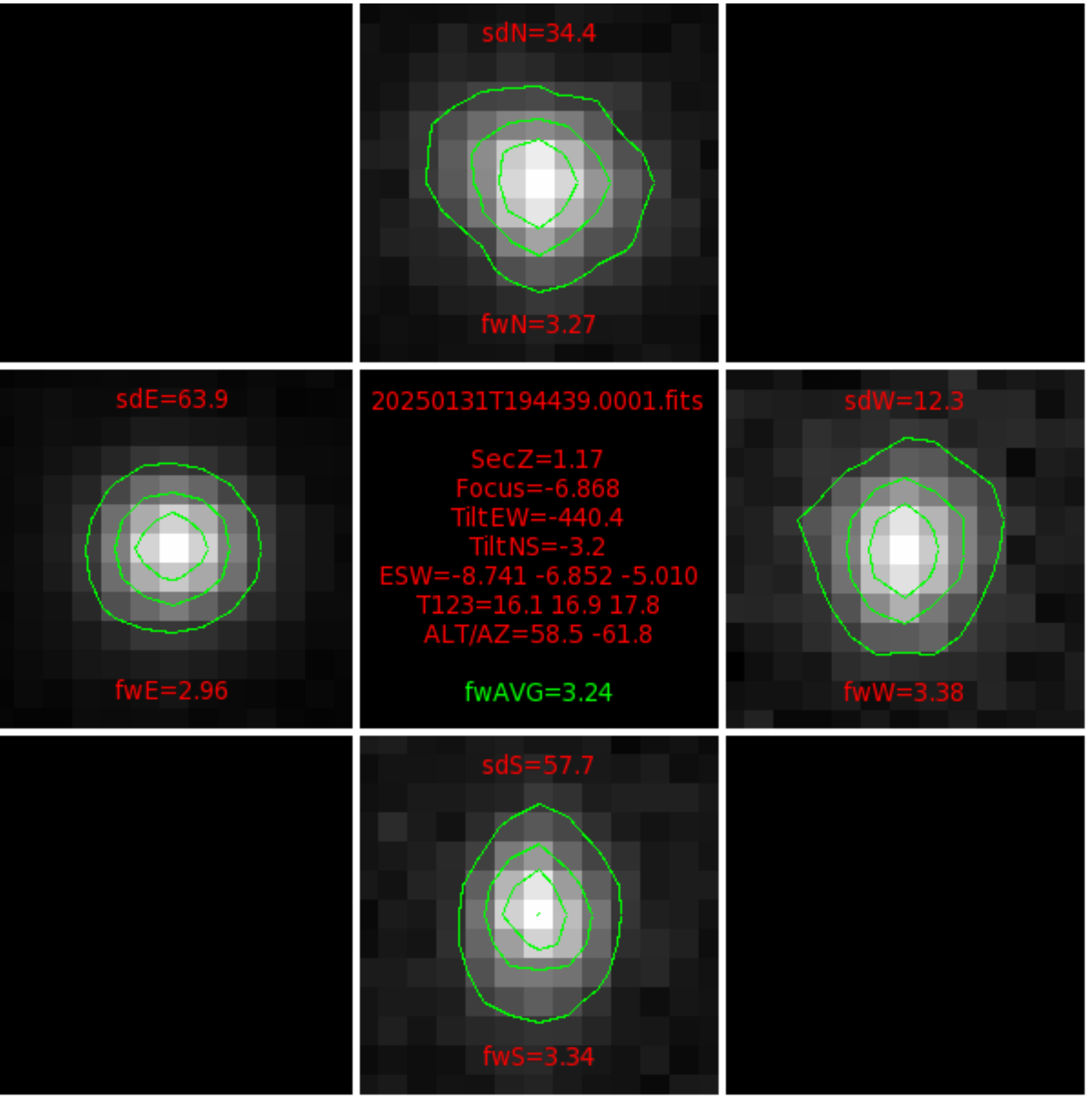
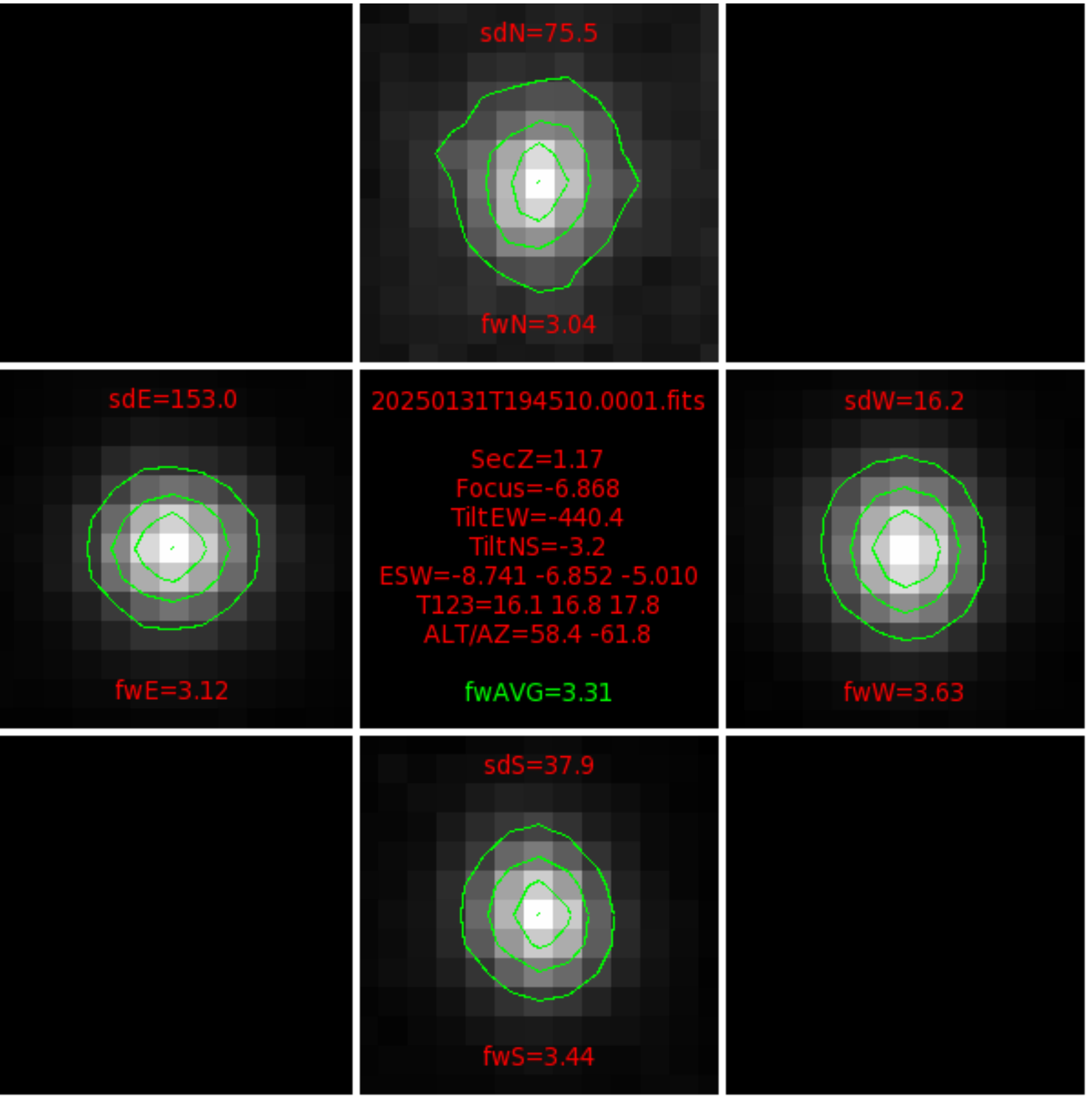

sdN=34.4
fwN=3.27
sdE=63.9
fwE=2.96
20250131T194439.0001.fits
SecZ=1.17
Focus=-6.868
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.741 -6.852 -5.010
T123=16.1 16.9 17.8
ALT/AZ=58.5 -61.8
fwAVG=3.24
sdW=12.3
fwW=3.38
sdS=57.7
fwS=3.34
0 0 0 0 0 0 0 0 0


sdN=75.5
fwN=3.04
sdE=153.0
fwE=3.12
20250131T194510.0001.fits
SecZ=1.17
Focus=-6.868
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.741 -6.852 -5.010
T123=16.1 16.8 17.8
ALT/AZ=58.4 -61.8
fwAVG=3.31
sdW=16.2
fwW=3.63
sdS=37.9
fwS=3.44
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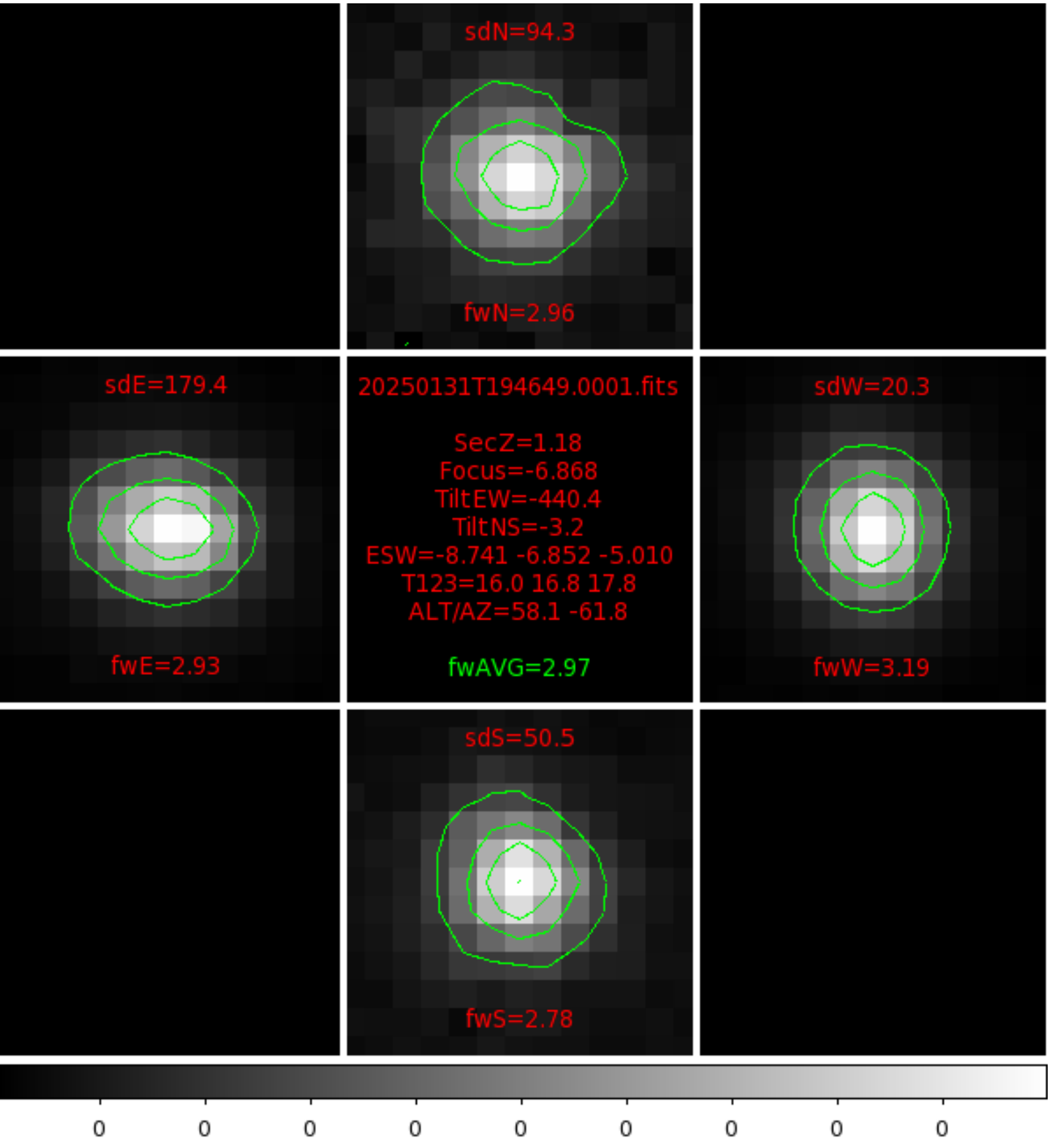
sdN=94.3
fwN=2.96
sdE=179.4
fwE=2.93
20250131T194649.0001.fits
SecZ=1.18
Focus=-6.868
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.741 -6.852 -5.010
T123=16.0 16.8 17.8
ALT/AZ=58.1 -61.8
fwAVG=2.97
sdW=20.3
fwW=3.19
sdS=50.5
fwS=2.78
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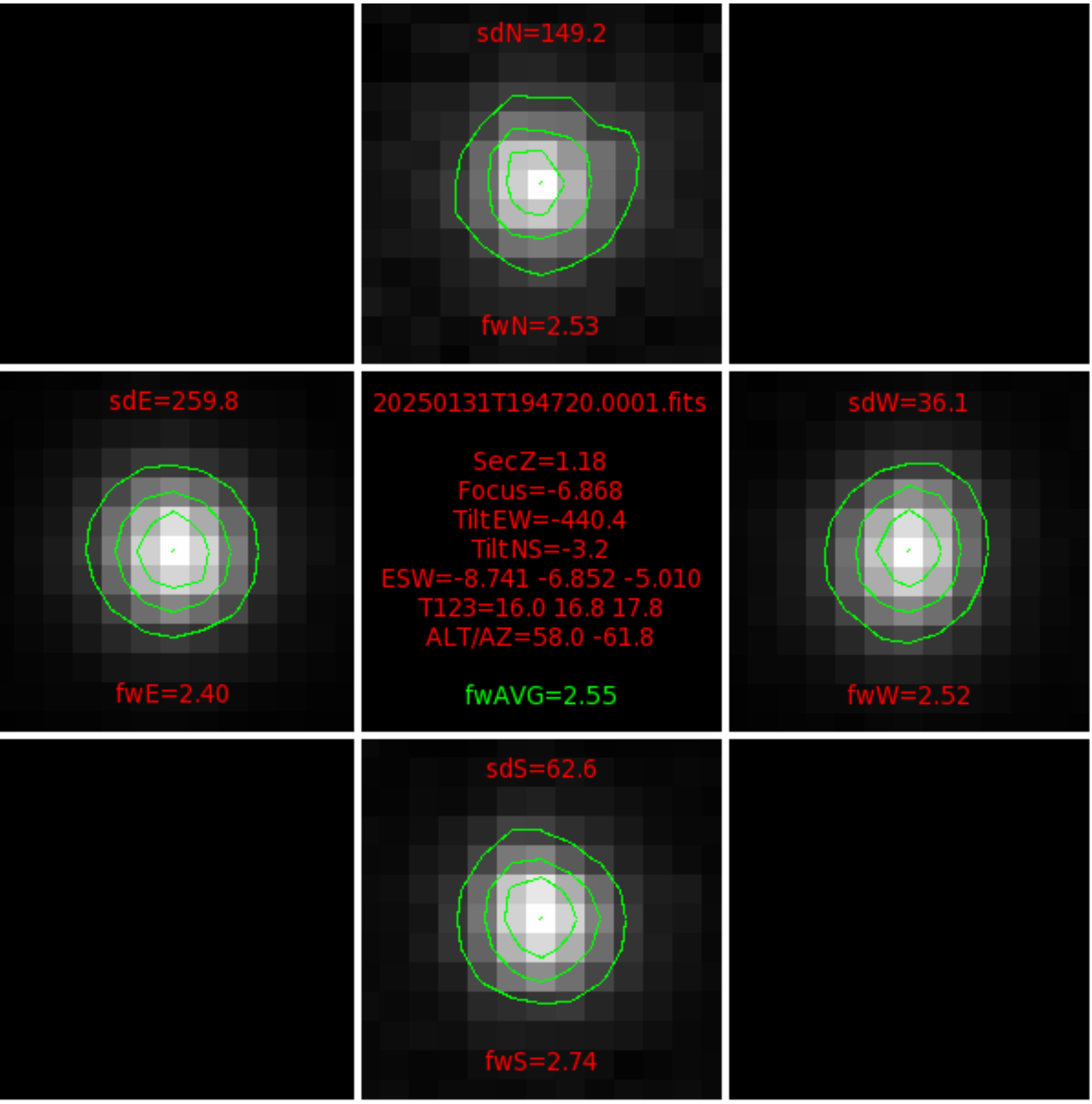
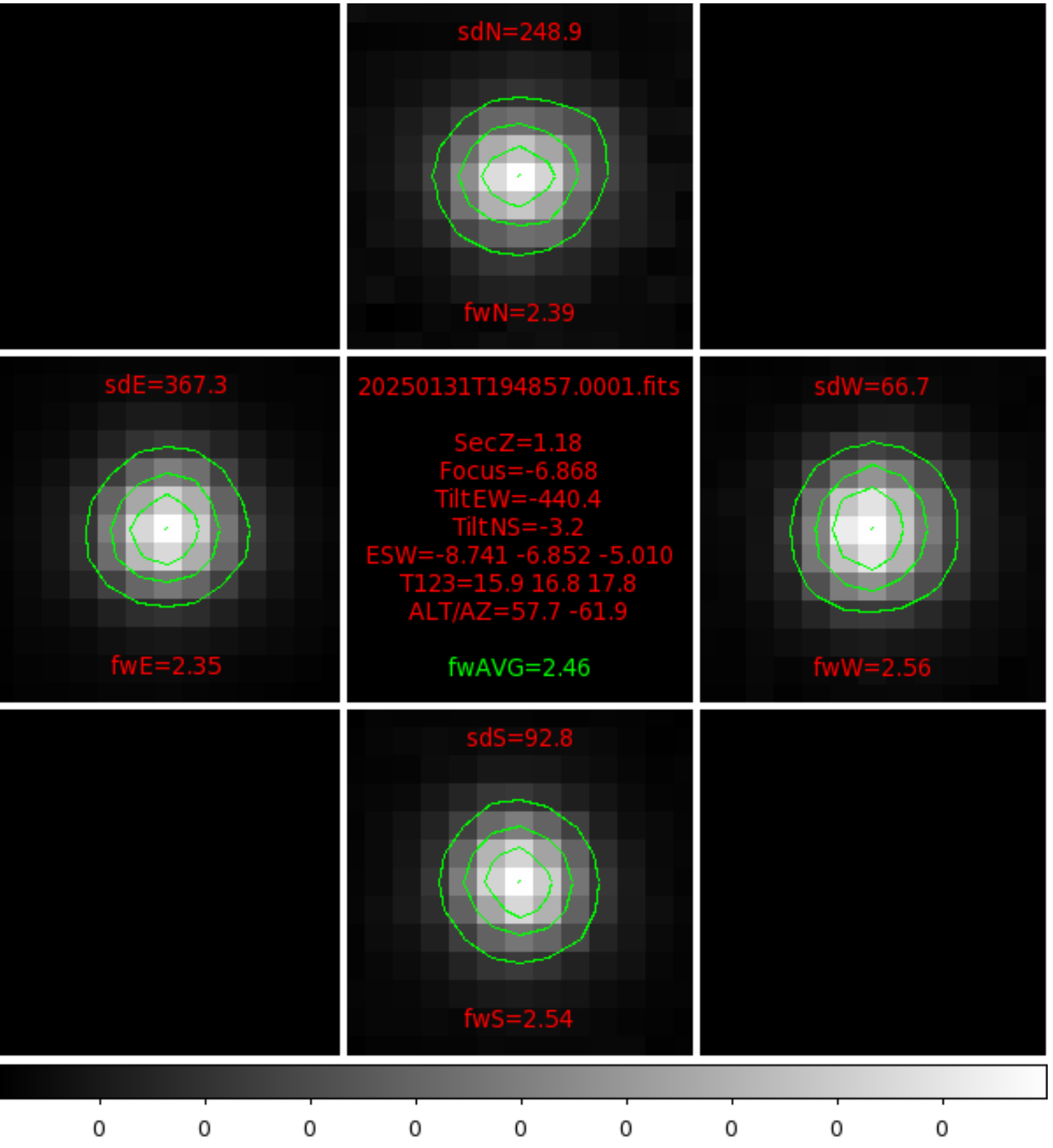
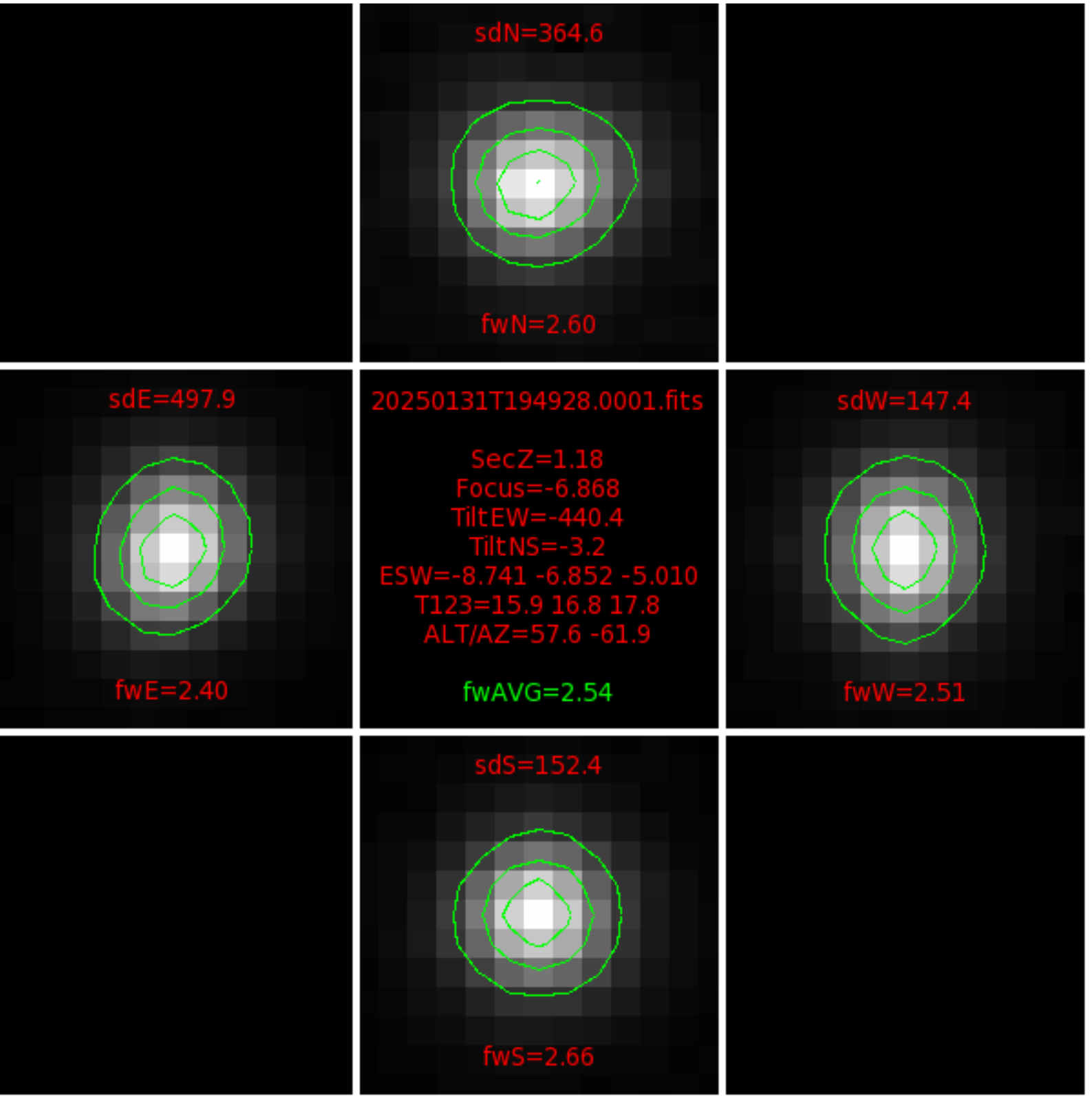

sdN=149.2
fwN=2.53
sdE=259.8
fwE=2.40
20250131T194720.0001.fits
SecZ=1.18
Focus=-6.868
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.741 -6.852 -5.010
T123=16.0 16.8 17.8
ALT/AZ=58.0 -61.8
fwAVG=2.55
sdW=36.1
fwW=2.52
sdS=62.6
fwS=2.74
0 0 0 0 0 0 0 0 0


sdN=248.9
fwN=2.39
sdE=367.3
fwE=2.35
20250131T194857.0001.fits
SecZ=1.18
Focus=-6.868
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.741 -6.852 -5.010
T123=15.9 16.8 17.8
ALT/AZ=57.7 -61.9
fwAVG=2.46
sdW=66.7
fwW=2.56
sdS=92.8
fwS=2.54
0 0 0 0 0 0 0 0 0


sdN=364.6
fwN=2.60
sdE=497.9
fwE=2.40
20250131T194928.0001.fits
SecZ=1.18
Focus=-6.868
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.741 -6.852 -5.010
T123=15.9 16.8 17.8
ALT/AZ=57.6 -61.9
fwAVG=2.54
sdW=147.4
fwW=2.51
sdS=152.4
fwS=2.66
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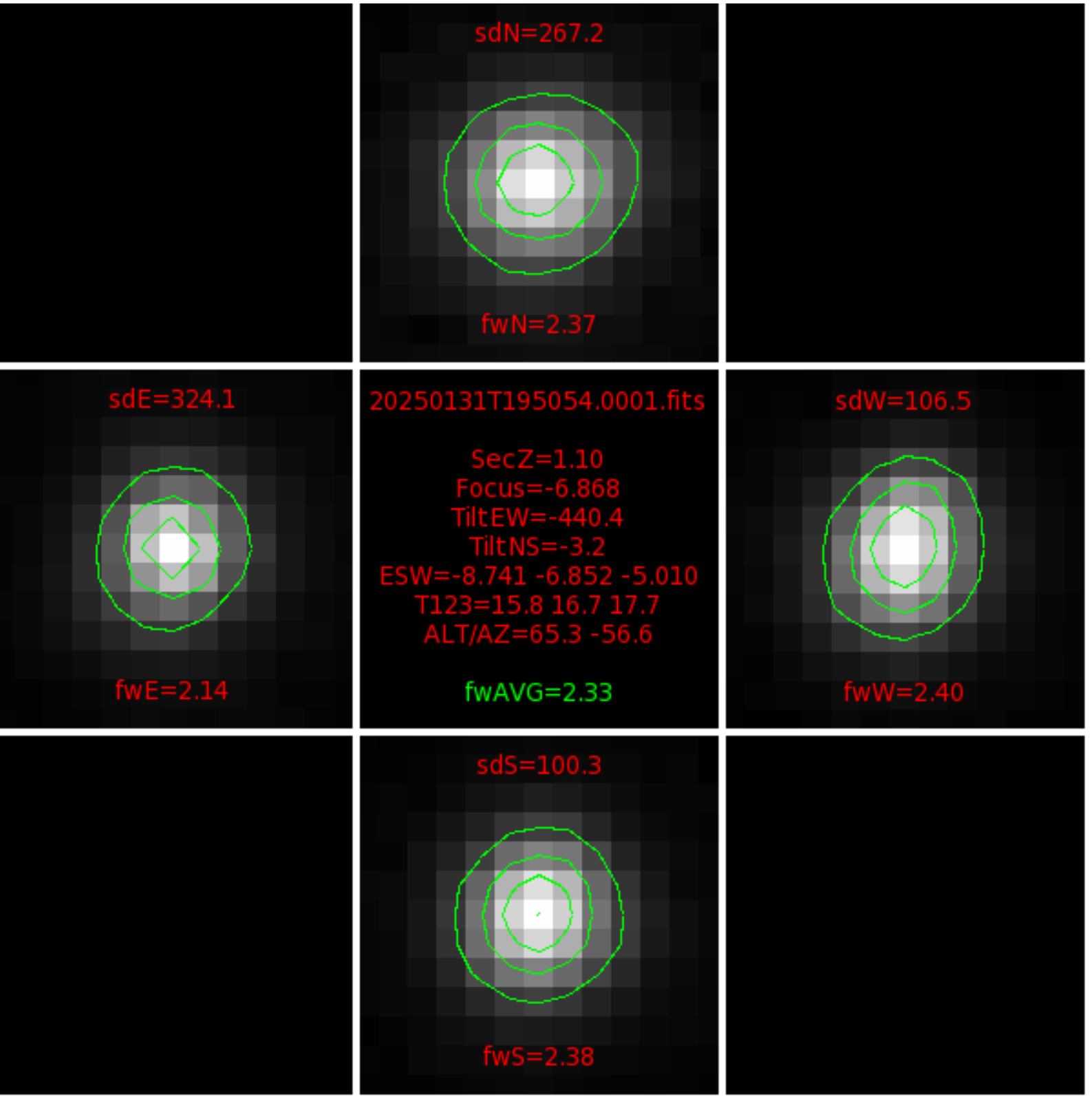
sdN=267.2
fwN=2.37
sdE=324.1
fwE=2.14
20250131T195054.0001.fits
SecZ=1.10
Focus=-6.868
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.741 -6.852 -5.010
T123=15.8 16.7 17.7
ALT/AZ=65.3 -56.6
fwAVG=2.33
sdW=106.5
fwW=2.40
sdS=100.3
fwS=2.38
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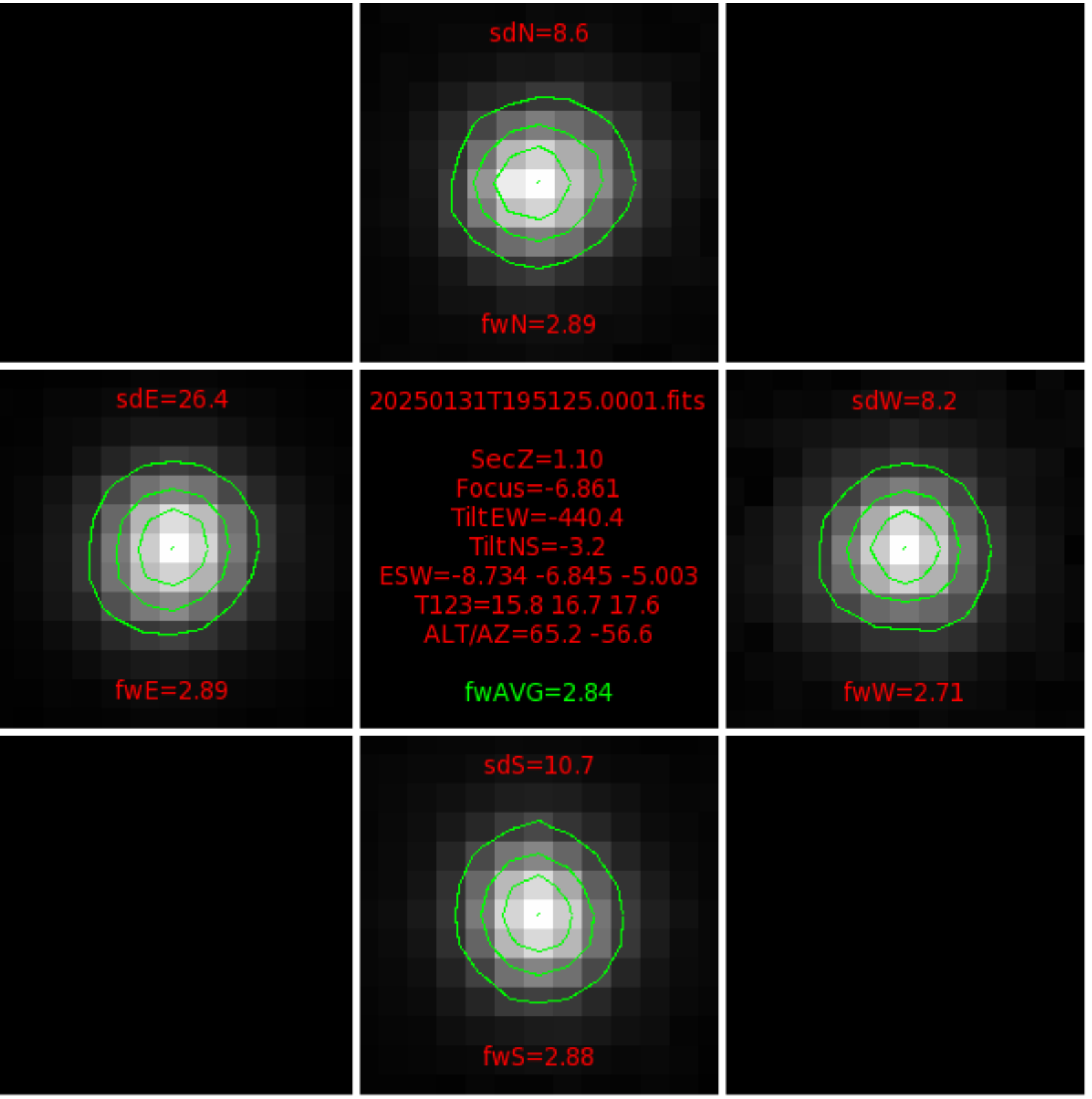
sdN=8.6
fwN=2.89
sdE=26.4
fwE=2.89
20250131T195125.0001.fits
SecZ=1.10
Focus=-6.861
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.734 -6.845 -5.003
T123=15.8 16.7 17.6
ALT/AZ=65.2 -56.6
fwAVG=2.84
sdW=8.2
fwW=2.71
sdS=10.7
fwS=2.88
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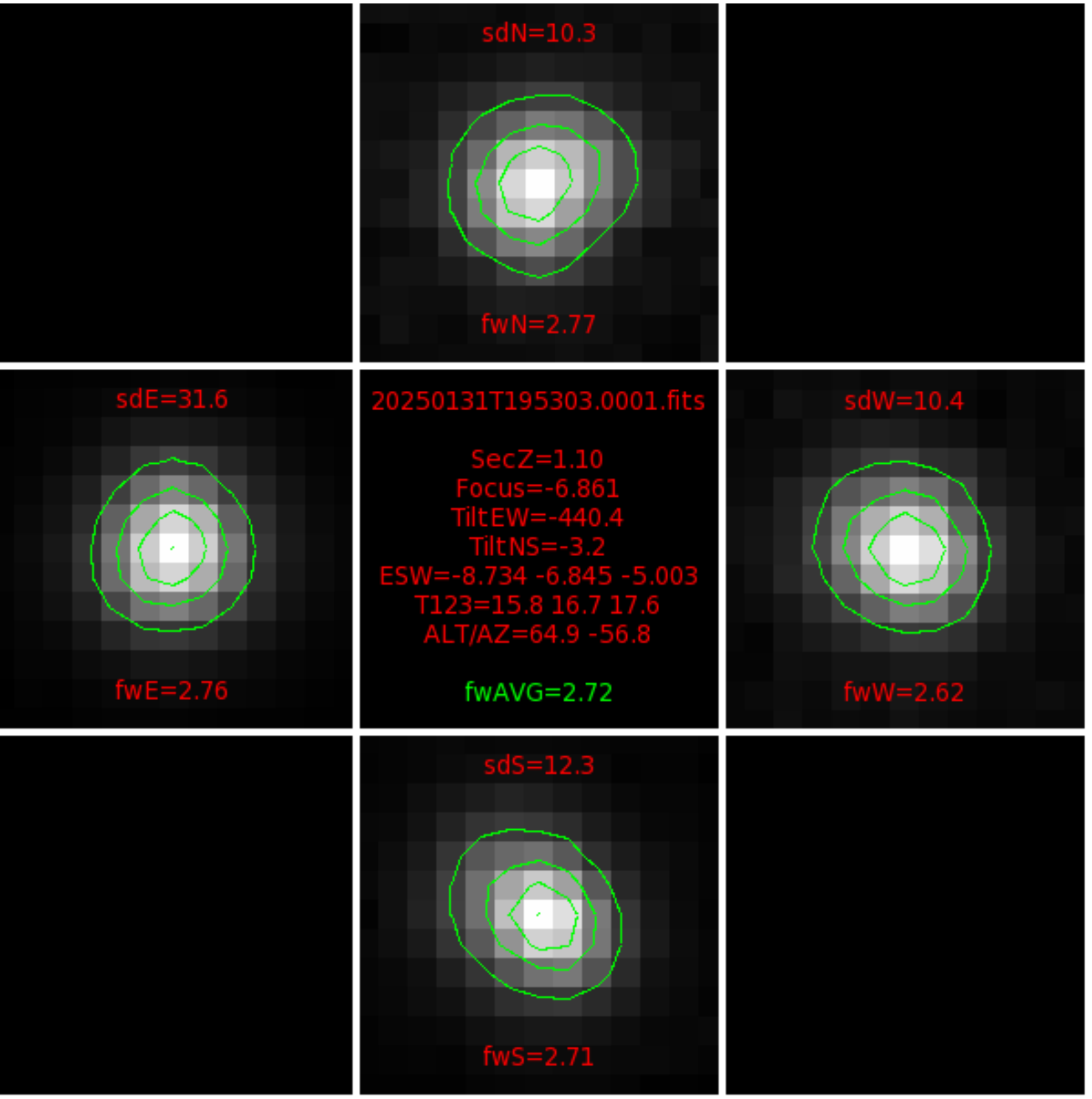
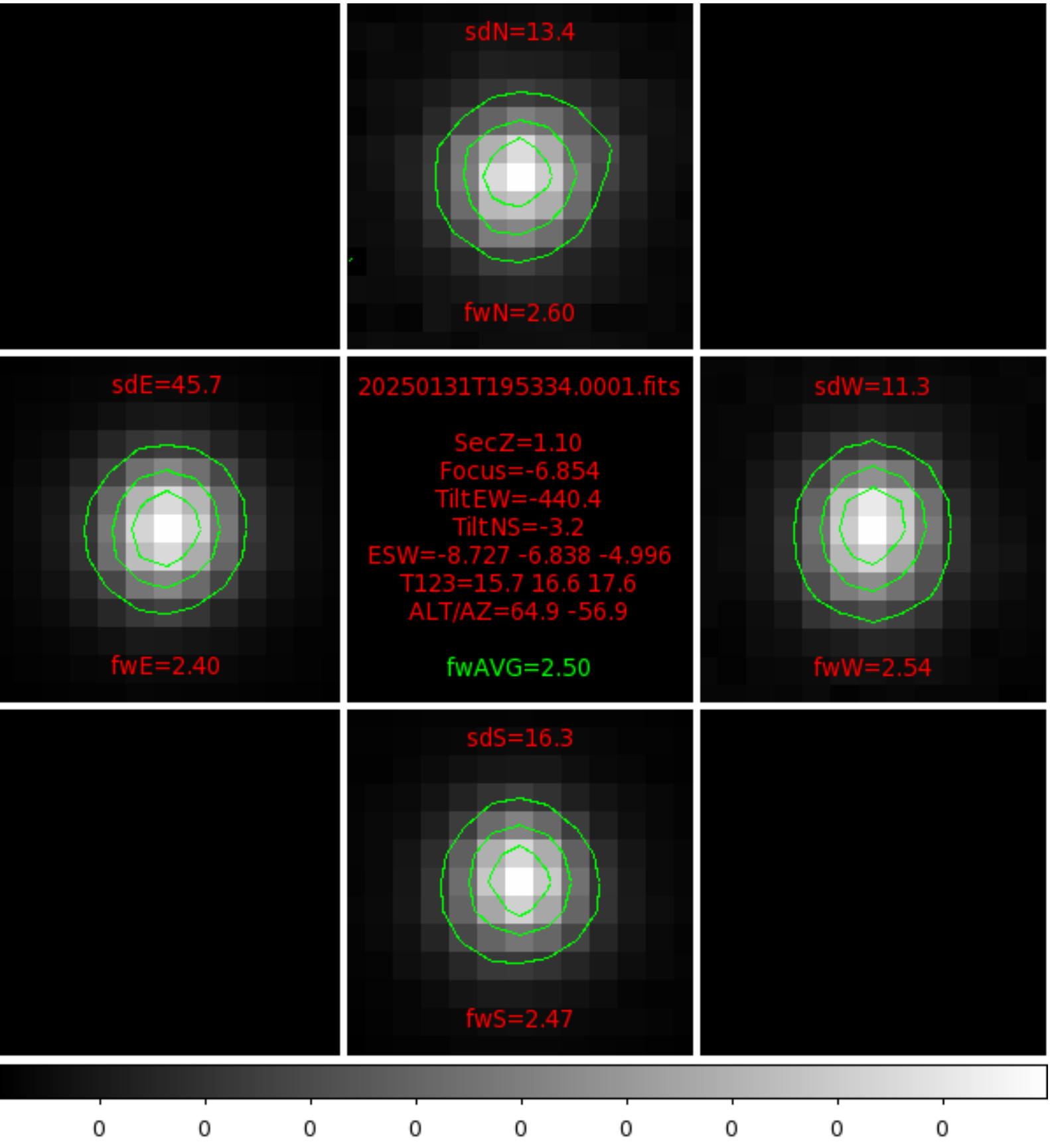
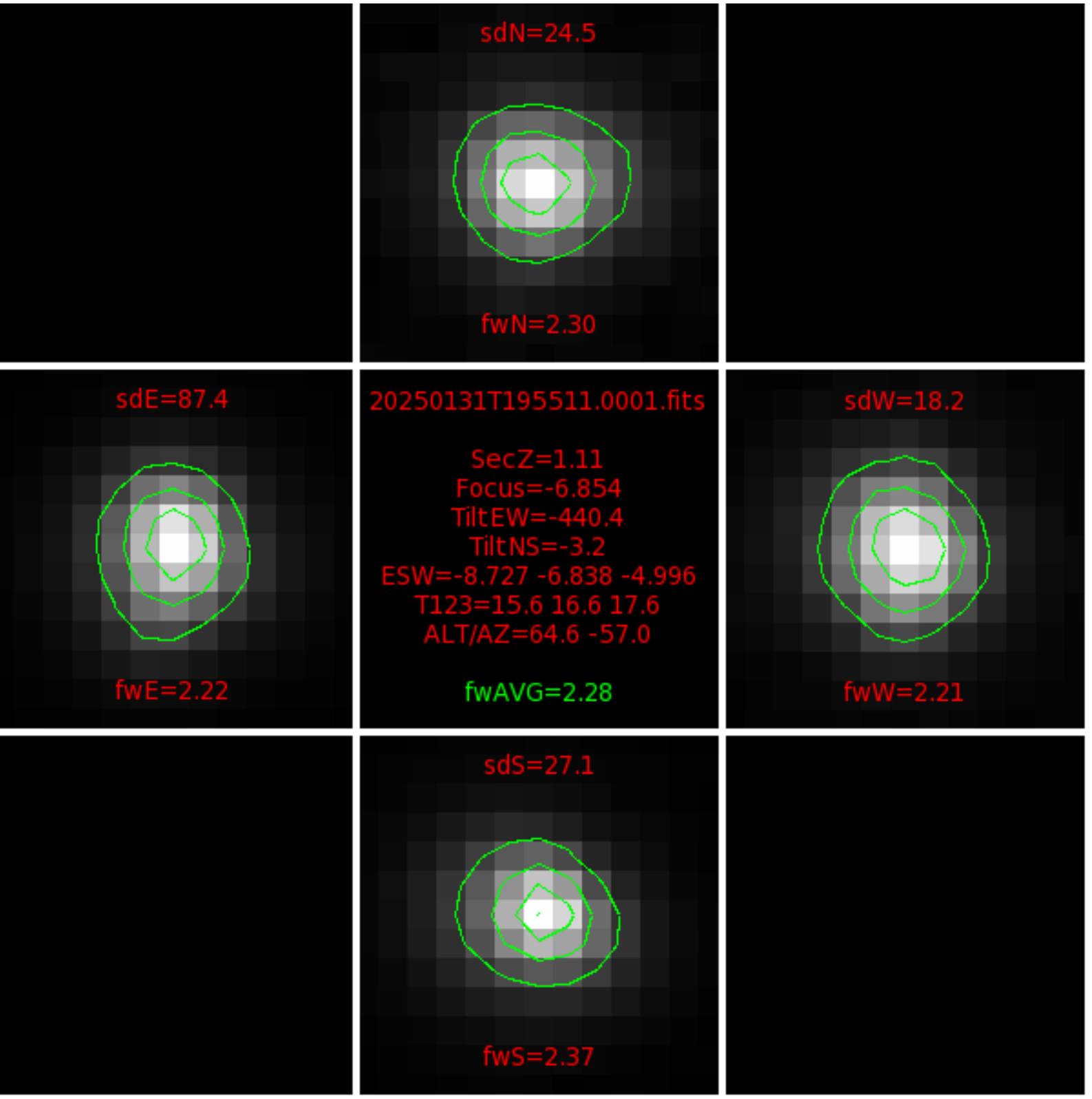

sdN=10.3
fwN=2.77
sdE=31.6
fwE=2.76
20250131T195303.0001.fits
SecZ=1.10
Focus=-6.861
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.734 -6.845 -5.003
T123=15.8 16.7 17.6
ALT/AZ=64.9 -56.8
fwAVG=2.72
sdW=10.4
fwW=2.62
sdS=12.3
fwS=2.71
0 0 0 0 0 0 0 0 0


sdN=13.4
fwN=2.60
sdE=45.7
fwE=2.40
20250131T195334.0001.fits
SecZ=1.10
Focus=-6.854
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.727 -6.838 -4.996
T123=15.7 16.6 17.6
ALT/AZ=64.9 -56.9
fwAVG=2.50
sdW=11.3
fwW=2.54
sdS=16.3
fwS=2.47
0 0 0 0 0 0 0 0 0


sdN=24.5
fwN=2.30
sdE=87.4
fwE=2.22
20250131T195511.0001.fits
SecZ=1.11
Focus=-6.854
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.727 -6.838 -4.996
T123=15.6 16.6 17.6
ALT/AZ=64.6 -57.0
fwAVG=2.28
sdW=18.2
fwW=2.21
sdS=27.1
fwS=2.37
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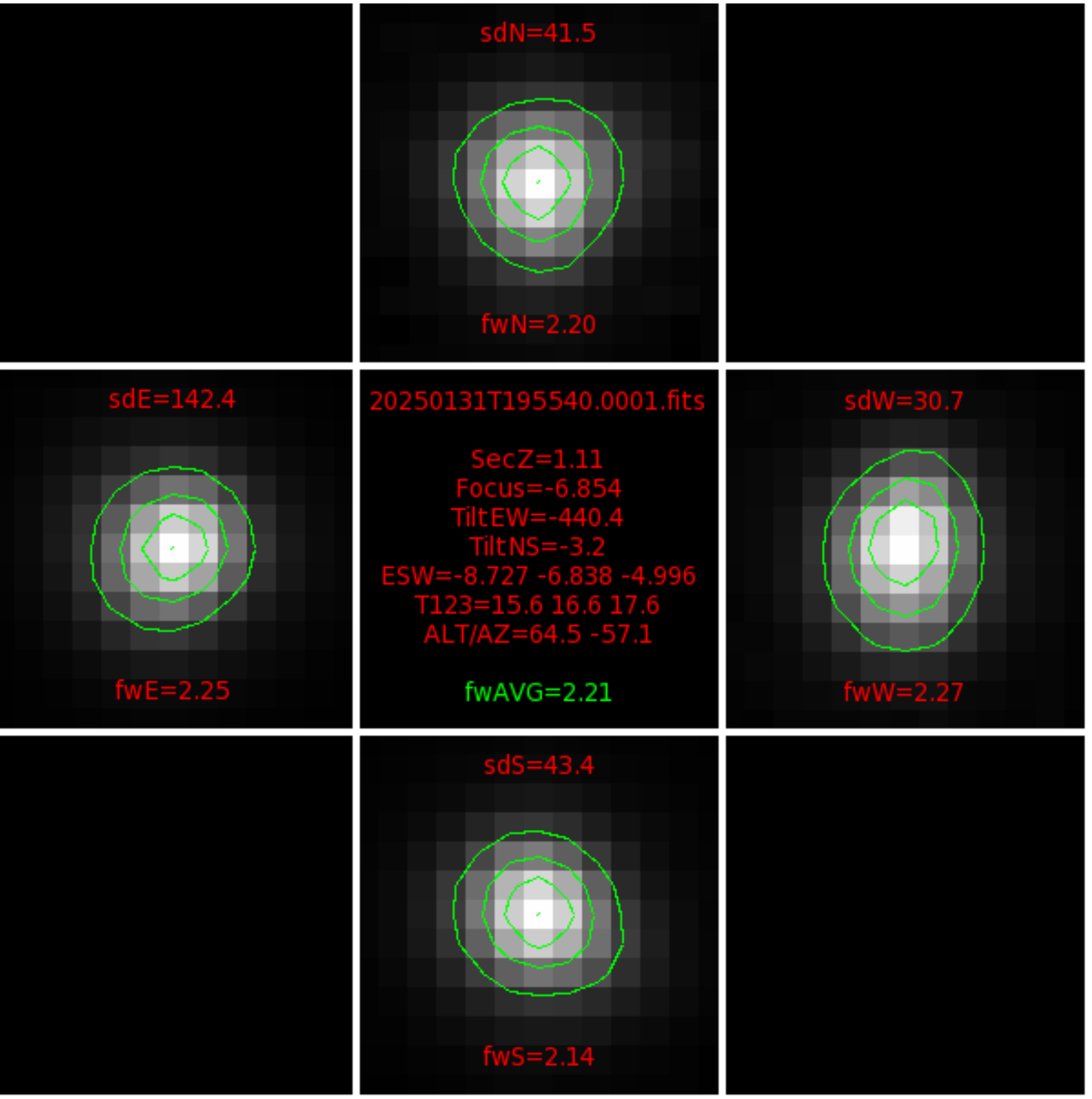
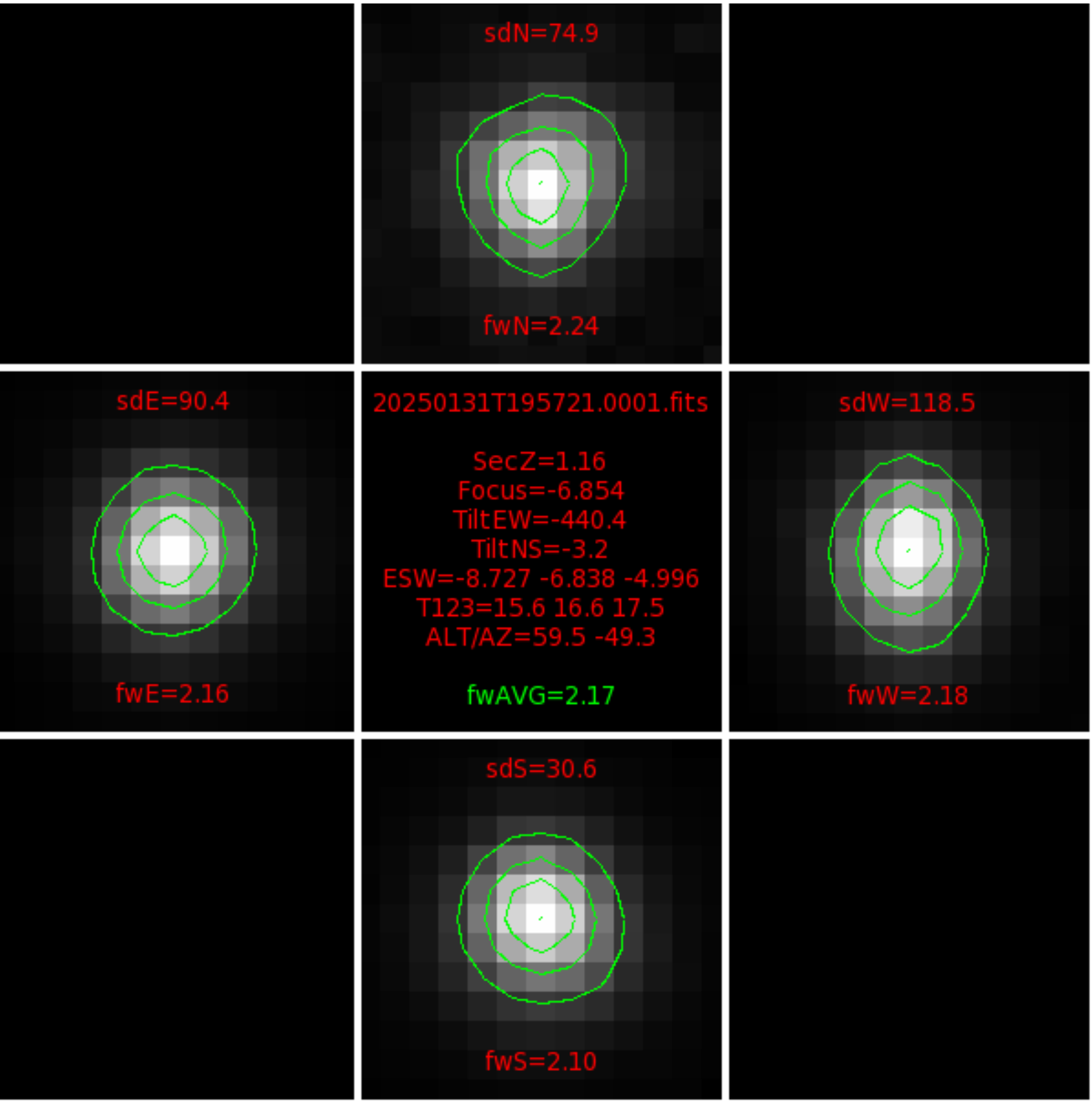
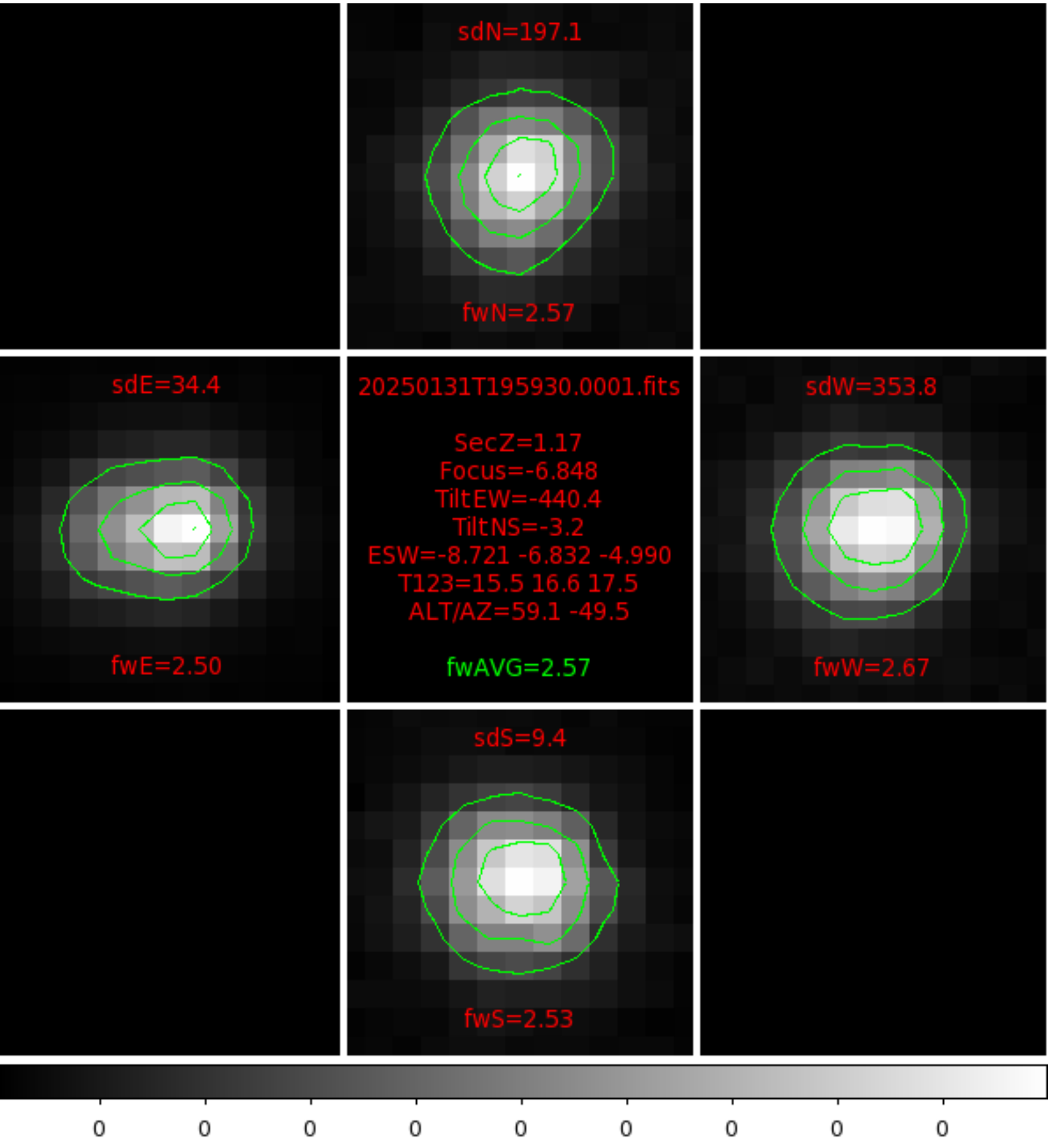
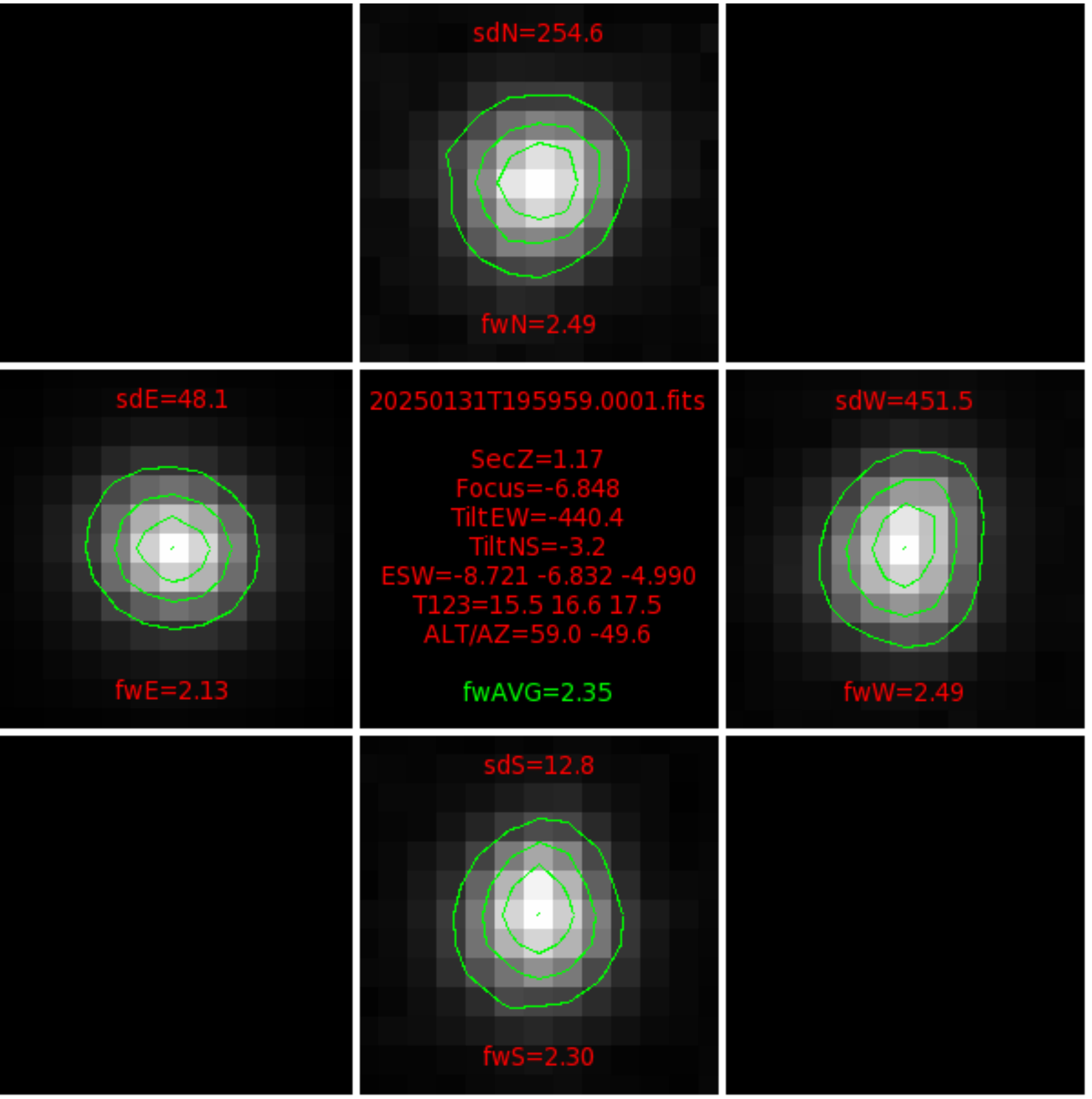
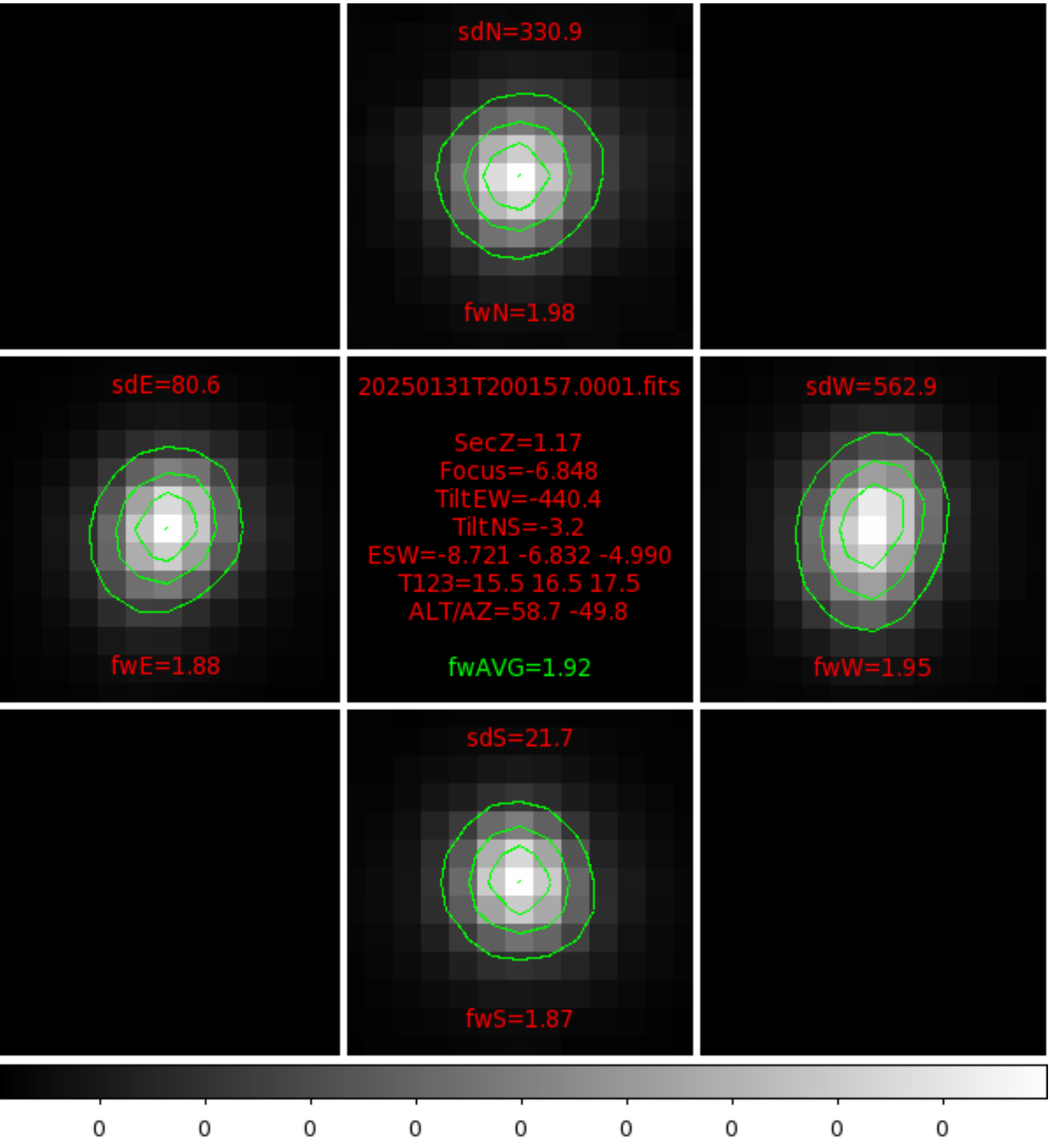

sdN=41.5
fwN=2.20
sdE=142.4
fwE=2.25
20250131T195540.0001.fits
SecZ=1.11
Focus=-6.854
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.727 -6.838 -4.996
T123=15.6 16.6 17.6
ALT/AZ=64.5 -57.1
fwAVG=2.21
sdW=30.7
fwW=2.27
sdS=43.4
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=74.9
fwN=2.24
sdE=90.4
fwE=2.16
20250131T195721.0001.fits
SecZ=1.16
Focus=-6.854
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.727 -6.838 -4.996
T123=15.6 16.6 17.5
ALT/AZ=59.5 -49.3
fwAVG=2.17
sdW=118.5
fwW=2.18
sdS=30.6
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=197.1
fwN=2.57
sdE=34.4
fwE=2.50
20250131T195930.0001.fits
SecZ=1.17
Focus=-6.848
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.721 -6.832 -4.990
T123=15.5 16.6 17.5
ALT/AZ=59.1 -49.5
fwAVG=2.57
sdW=353.8
fwW=2.67
sdS=9.4
fwS=2.53
0 0 0 0 0 0 0 0 0


sdN=254.6
fwN=2.49
sdE=48.1
fwE=2.13
20250131T195959.0001.fits
SecZ=1.17
Focus=-6.848
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.721 -6.832 -4.990
T123=15.5 16.6 17.5
ALT/AZ=59.0 -49.6
fwAVG=2.35
sdW=451.5
fwW=2.49
sdS=12.8
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=330.9
fwN=1.98
sdE=80.6
fwE=1.88
20250131T200157.0001.fits
SecZ=1.17
Focus=-6.848
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.721 -6.832 -4.990
T123=15.5 16.5 17.5
ALT/AZ=58.7 -49.8
fwAVG=1.92
sdW=562.9
fwW=1.95
sdS=21.7
fwS=1.87
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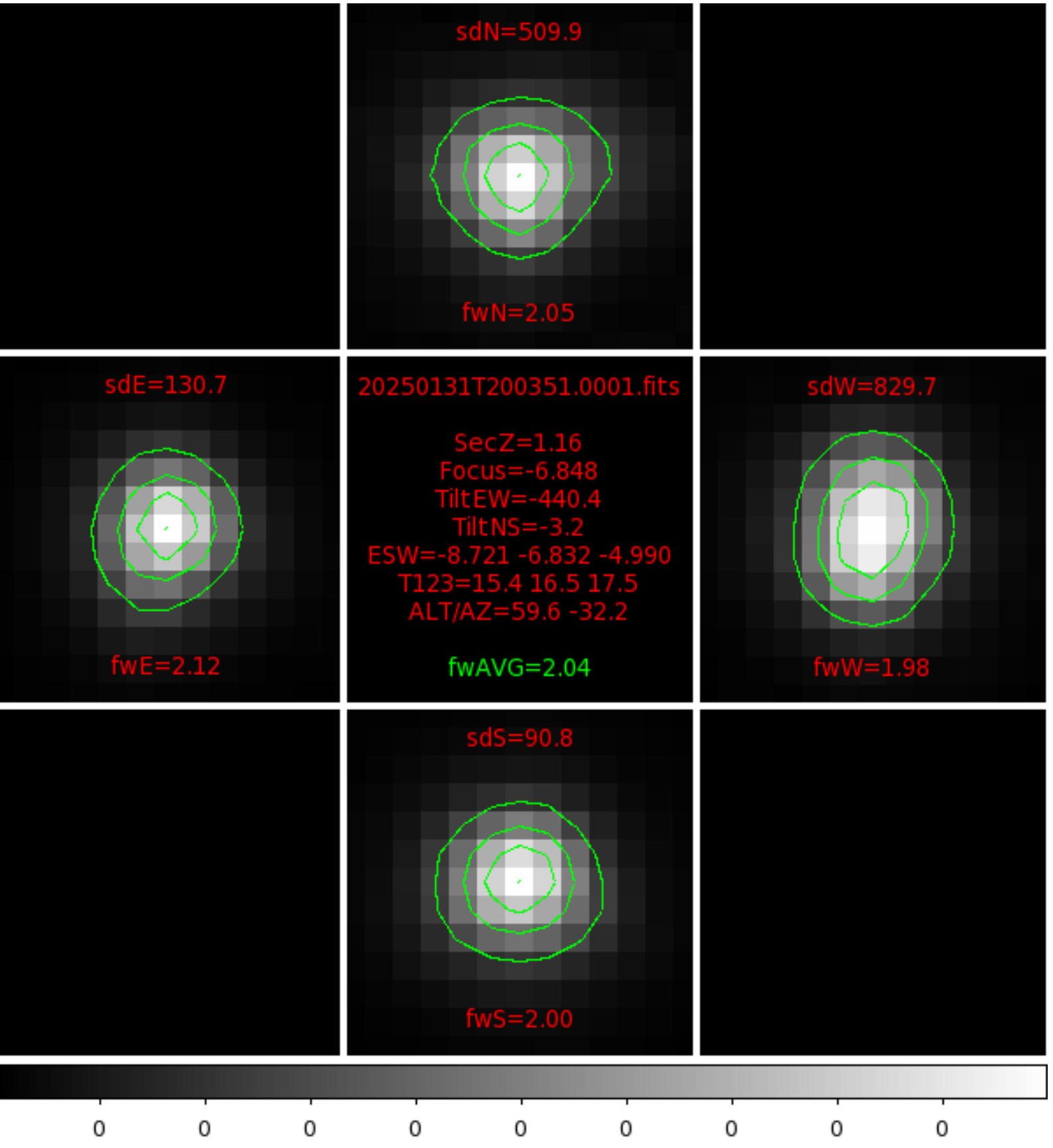
sdN=509.9
fwN=2.05
sdE=130.7
fwE=2.12
20250131T200351.0001.fits
SecZ=1.16
Focus=-6.848
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.721 -6.832 -4.990
T123=15.4 16.5 17.5
ALT/AZ=59.6 -32.2
fwAVG=2.04
sdW=829.7
fwW=1.98
sdS=90.8
fwS=2.00
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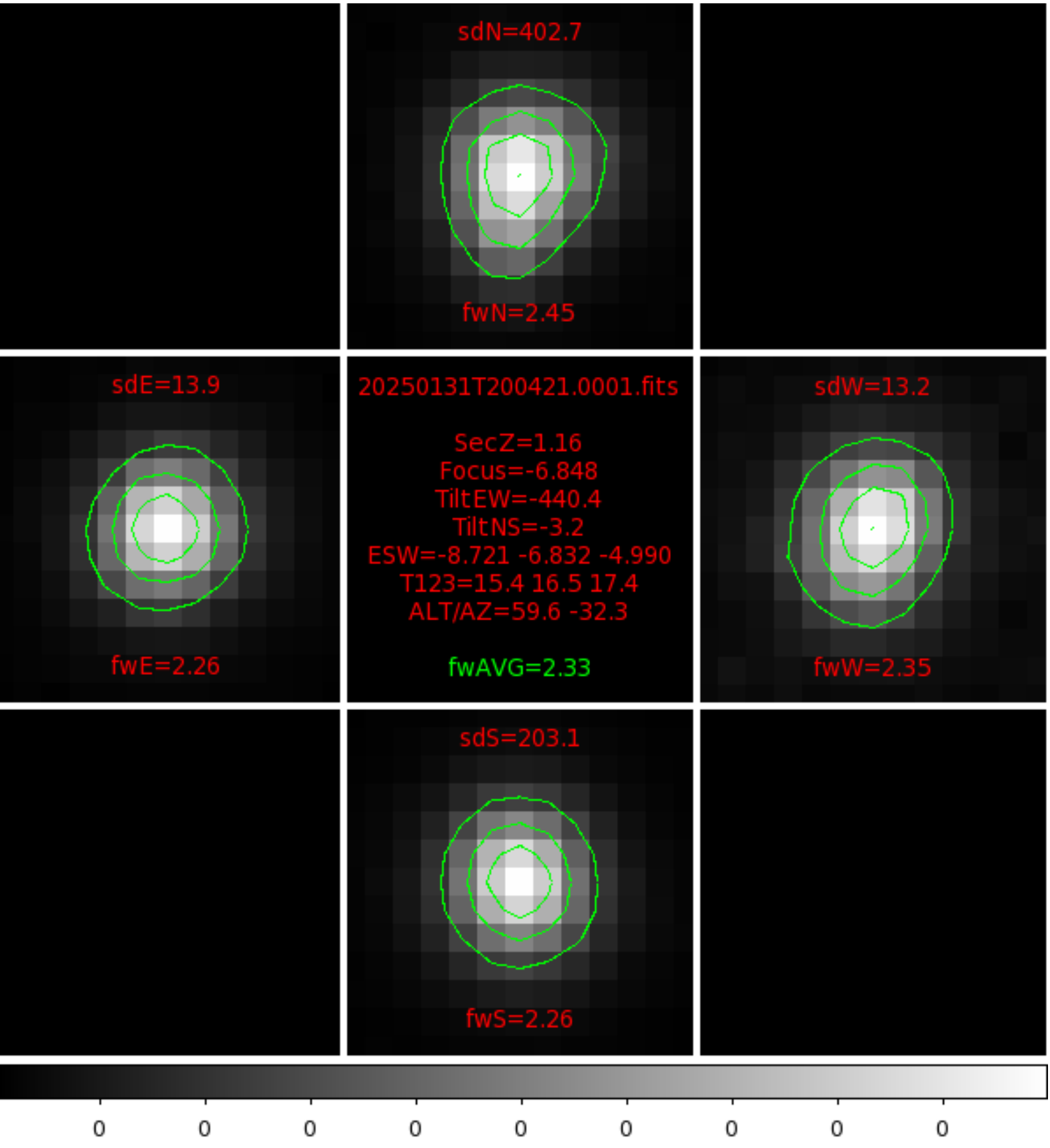
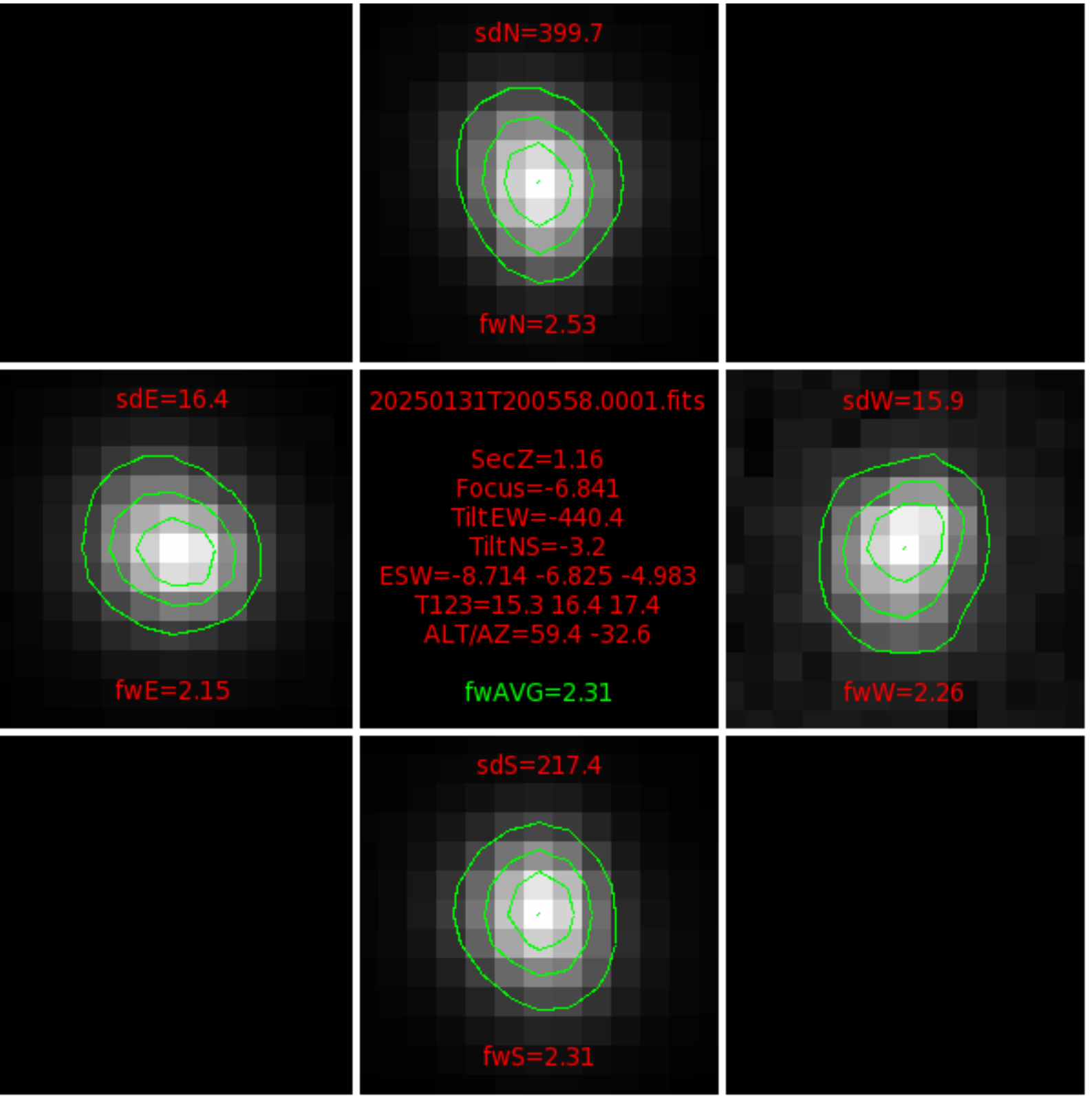
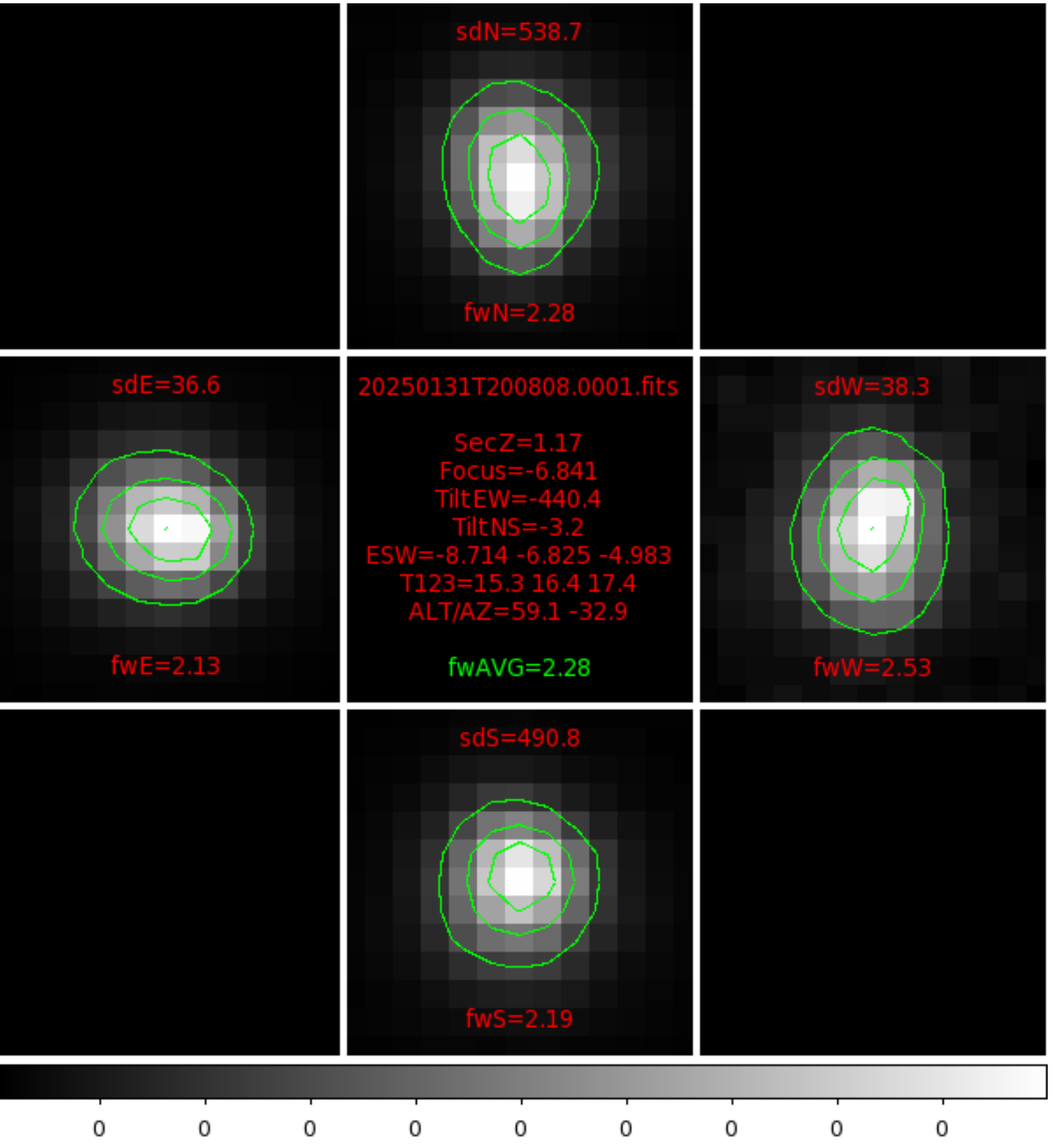
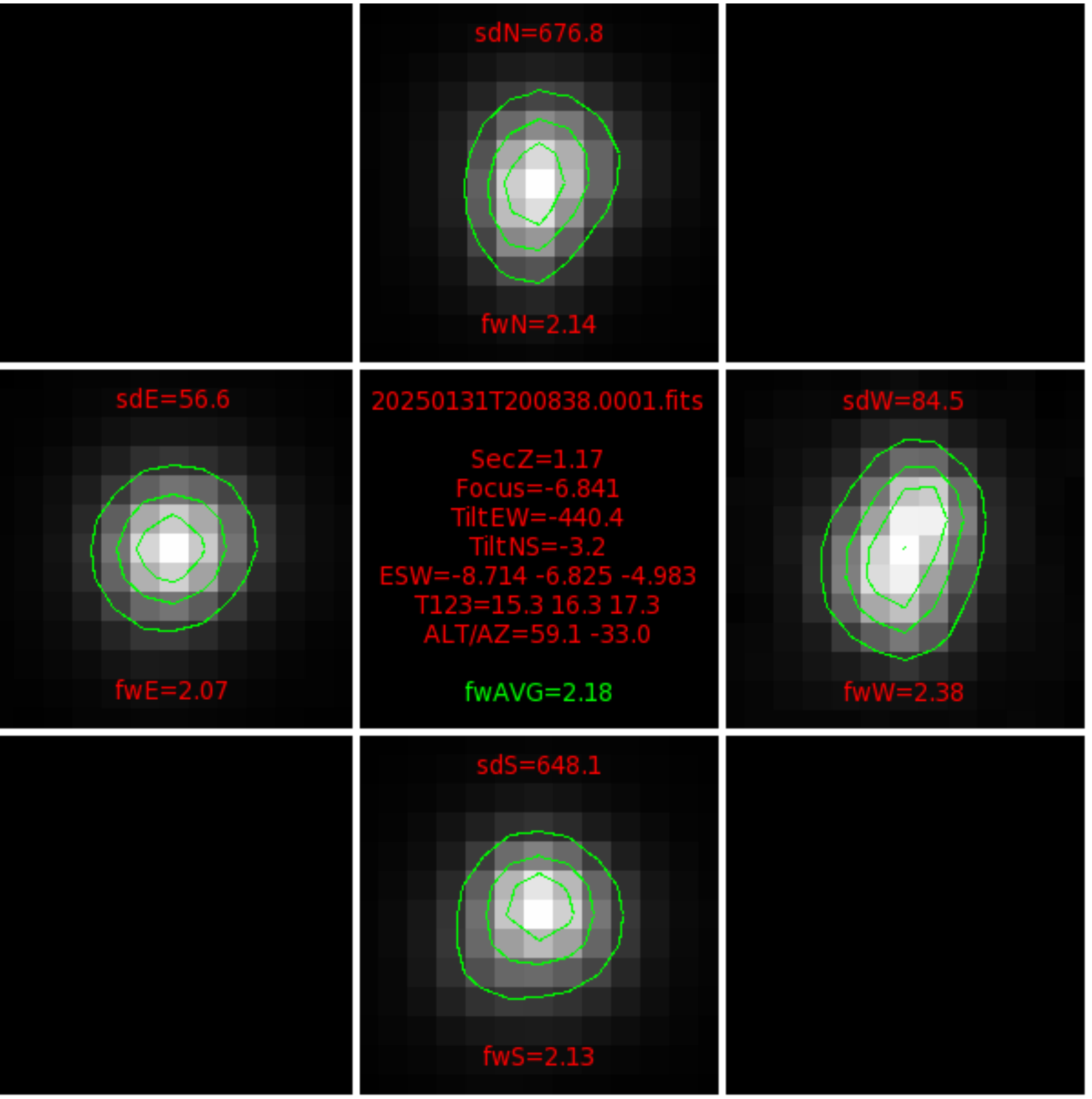
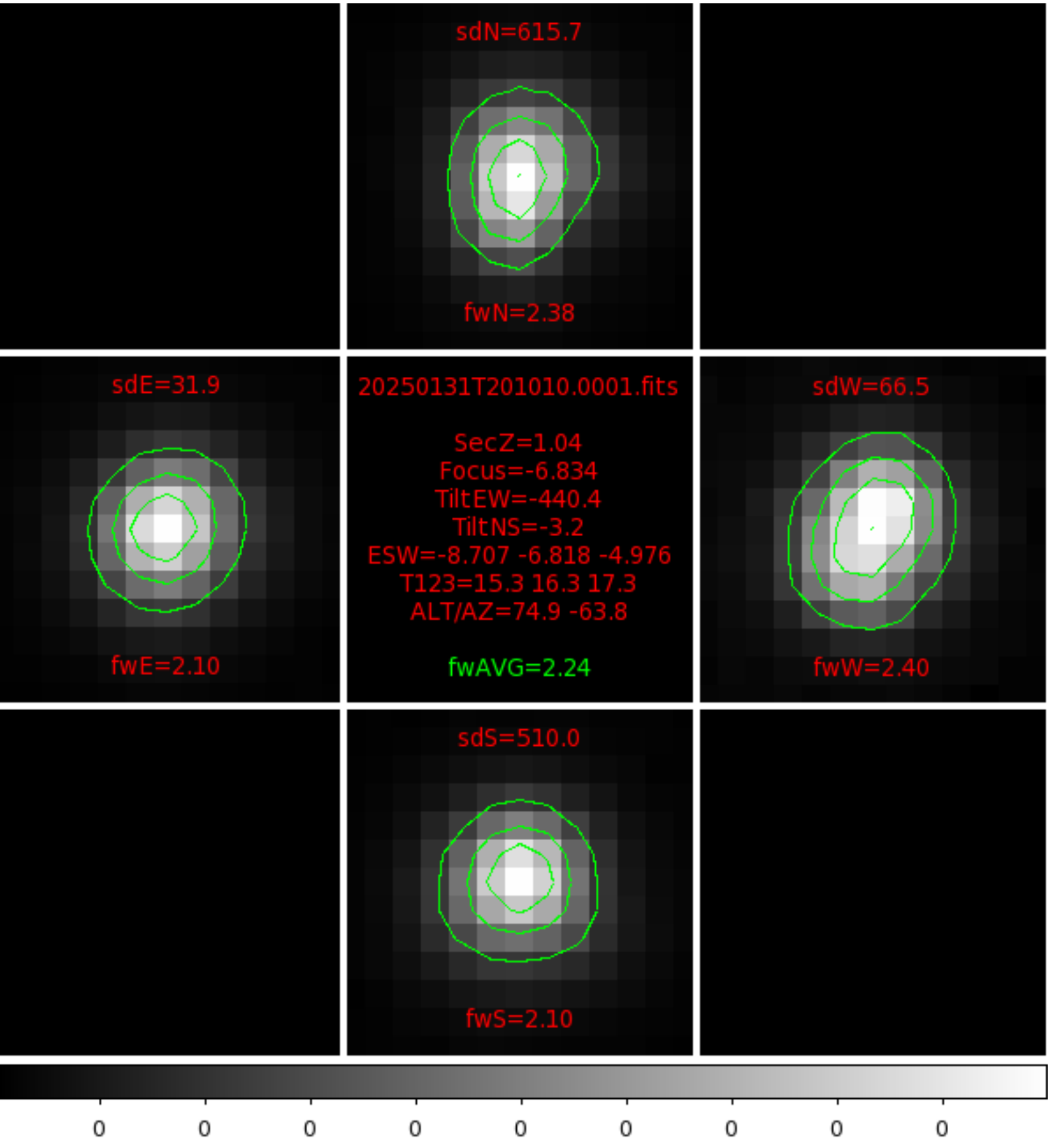
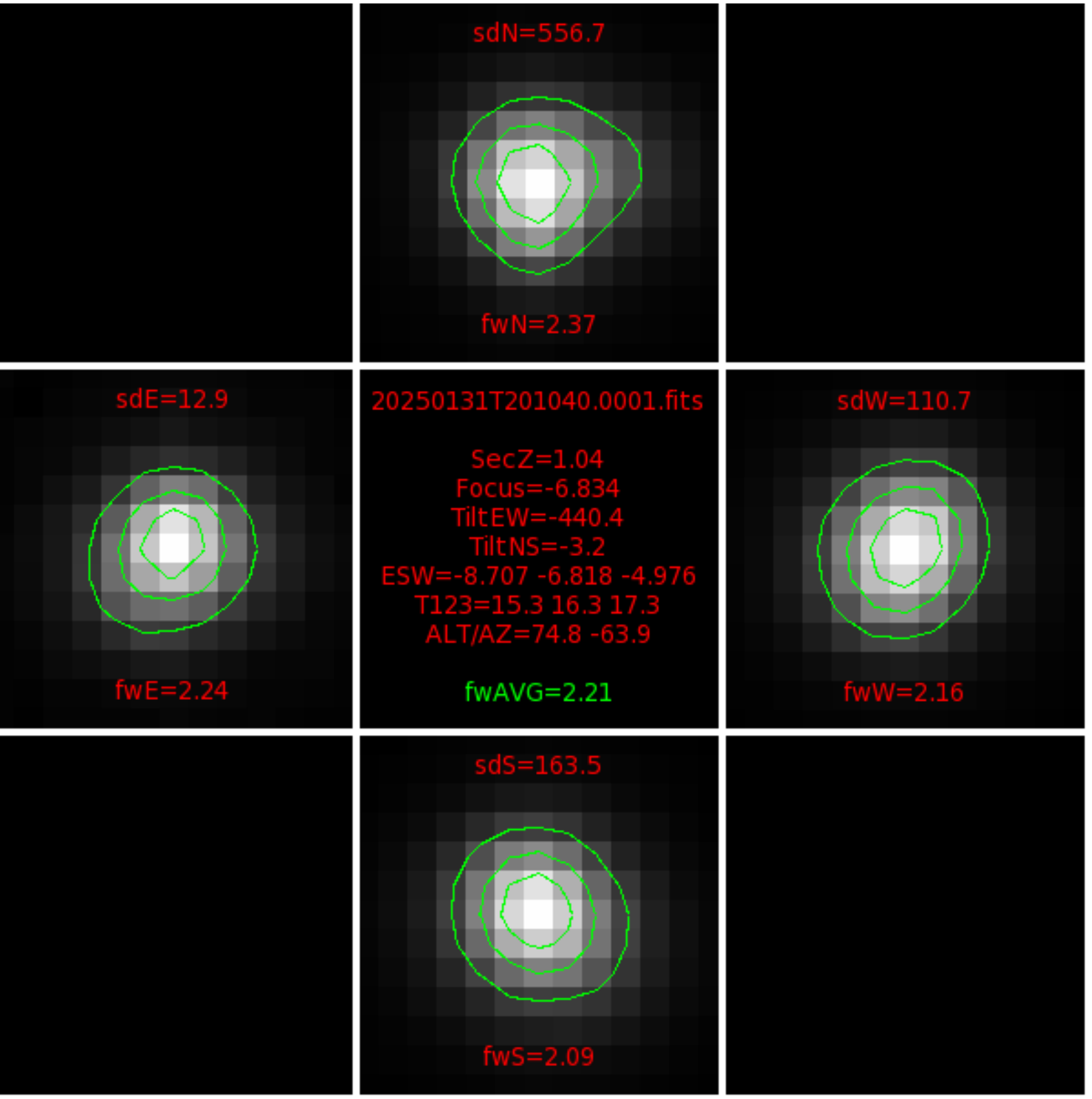

sdN=402.7
fwN=2.45
sdE=13.9
fwE=2.26
20250131T200421.0001.fits
SecZ=1.16
Focus=-6.848
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.721 -6.832 -4.990
T123=15.4 16.5 17.4
ALT/AZ=59.6 -32.3
fwAVG=2.33
sdW=13.2
fwW=2.35
sdS=203.1
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=399.7
fwN=2.53
sdE=16.4
fwE=2.15
20250131T200558.0001.fits
SecZ=1.16
Focus=-6.841
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.714 -6.825 -4.983
T123=15.3 16.4 17.4
ALT/AZ=59.4 -32.6
fwAVG=2.31
sdW=15.9
fwW=2.26
sdS=217.4
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=538.7
fwN=2.28
sdE=36.6
fwE=2.13
20250131T200808.0001.fits
SecZ=1.17
Focus=-6.841
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.714 -6.825 -4.983
T123=15.3 16.4 17.4
ALT/AZ=59.1 -32.9
fwAVG=2.28
sdW=38.3
fwW=2.53
sdS=490.8
fwS=2.19
0 0 0 0 0 0 0 0 0


sdN=676.8
fwN=2.14
sdE=56.6
fwE=2.07
20250131T200838.0001.fits
SecZ=1.17
Focus=-6.841
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.714 -6.825 -4.983
T123=15.3 16.3 17.3
ALT/AZ=59.1 -33.0
fwAVG=2.18
sdW=84.5
fwW=2.38
sdS=648.1
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=615.7
fwN=2.38
sdE=31.9
fwE=2.10
20250131T201010.0001.fits
SecZ=1.04
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.3 16.3 17.3
ALT/AZ=74.9 -63.8
fwAVG=2.24
sdW=66.5
fwW=2.40
sdS=510.0
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=556.7
fwN=2.37
sdE=12.9
fwE=2.24
20250131T201040.0001.fits
SecZ=1.04
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.3 16.3 17.3
ALT/AZ=74.8 -63.9
fwAVG=2.21
sdW=110.7
fwW=2.16
sdS=163.5
fwS=2.09
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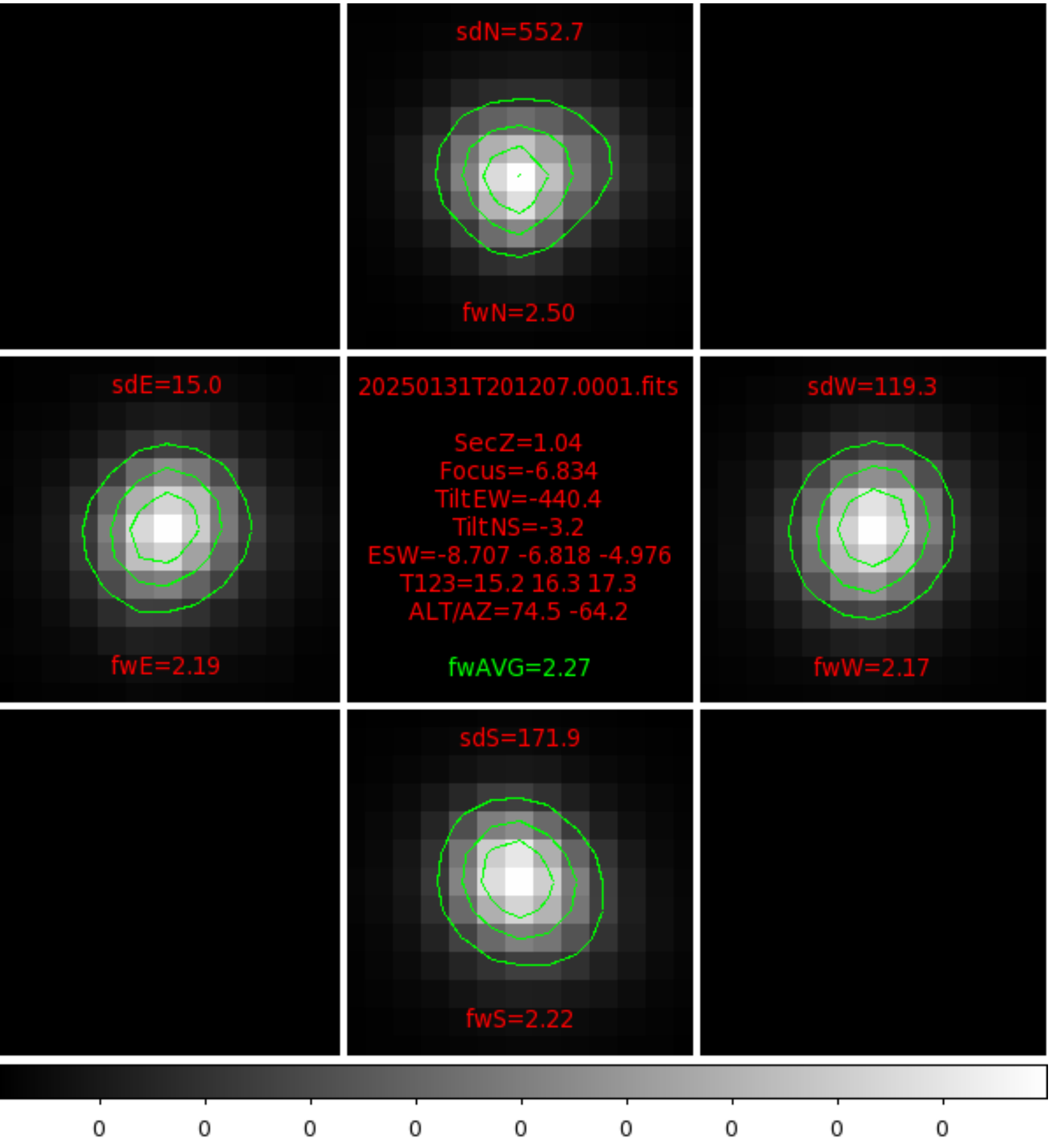
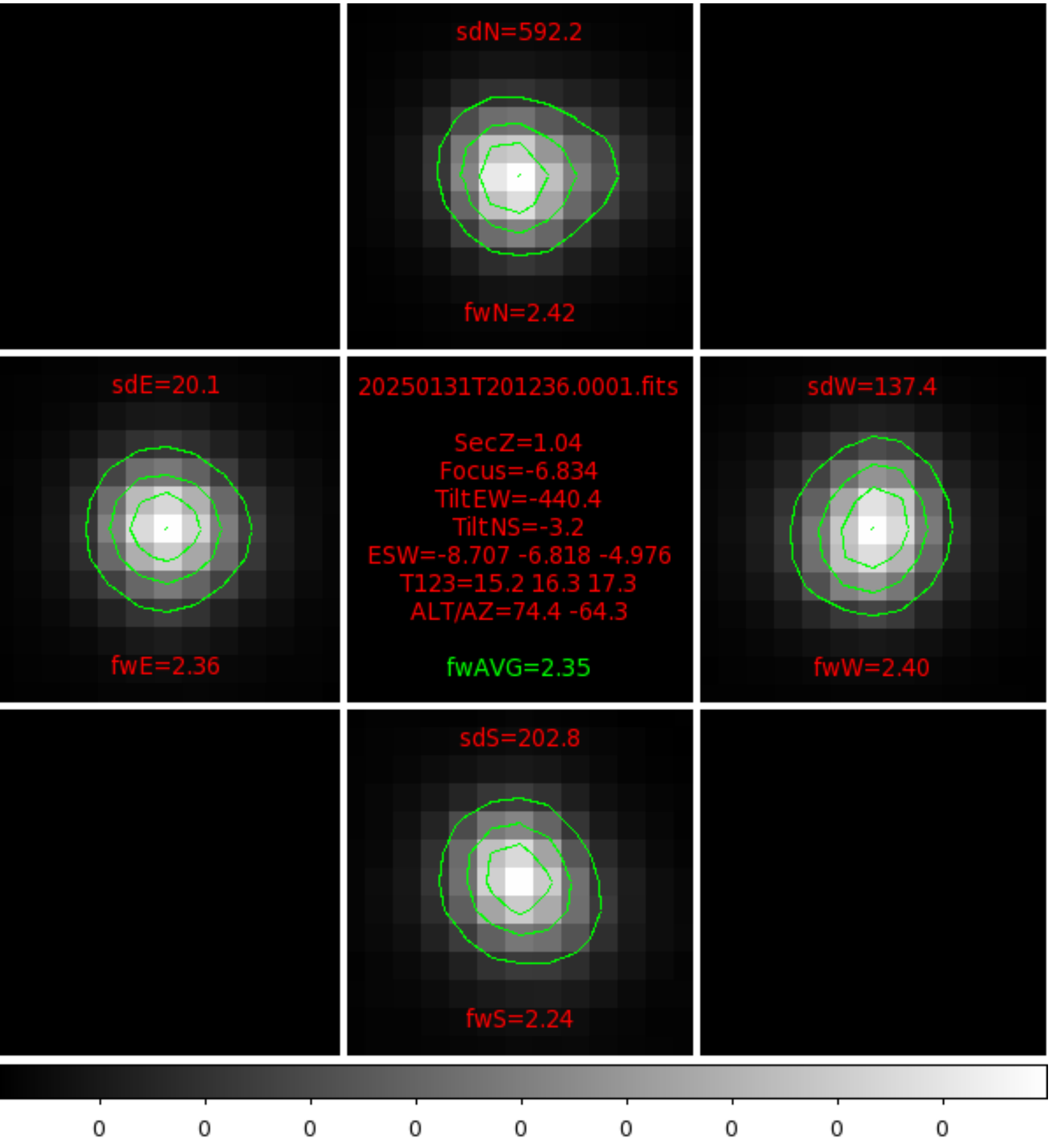

sdN=552.7
fwN=2.50
sdE=15.0
fwE=2.19
20250131T201207.0001.fits
SecZ=1.04
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.2 16.3 17.3
ALT/AZ=74.5 -64.2
fwAVG=2.27
sdW=119.3
fwW=2.17
sdS=171.9
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=592.2
fwN=2.42
sdE=20.1
fwE=2.36
20250131T201236.0001.fits
SecZ=1.04
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.2 16.3 17.3
ALT/AZ=74.4 -64.3
fwAVG=2.35
sdW=137.4
fwW=2.40
sdS=202.8
fwS=2.24
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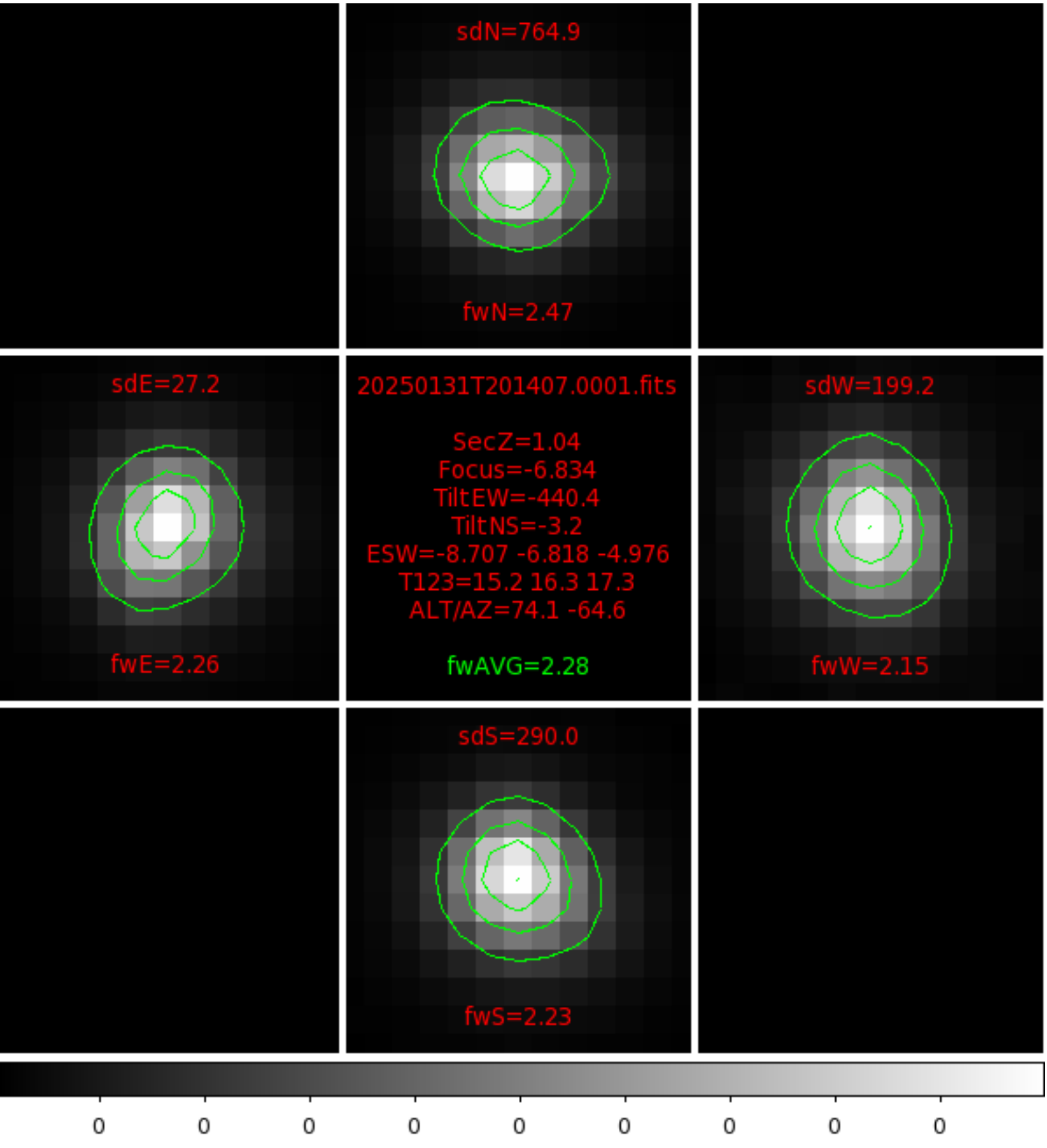
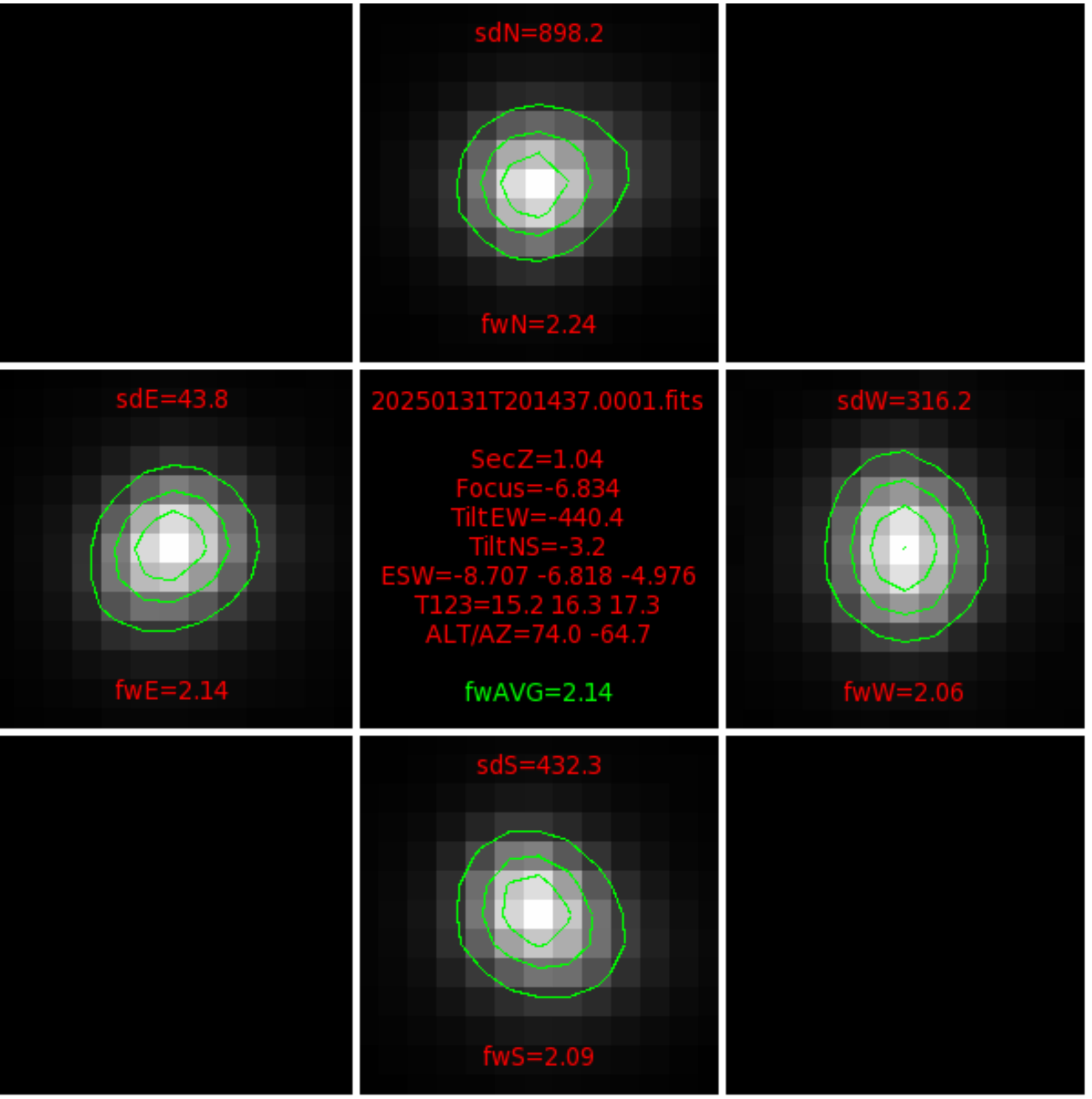
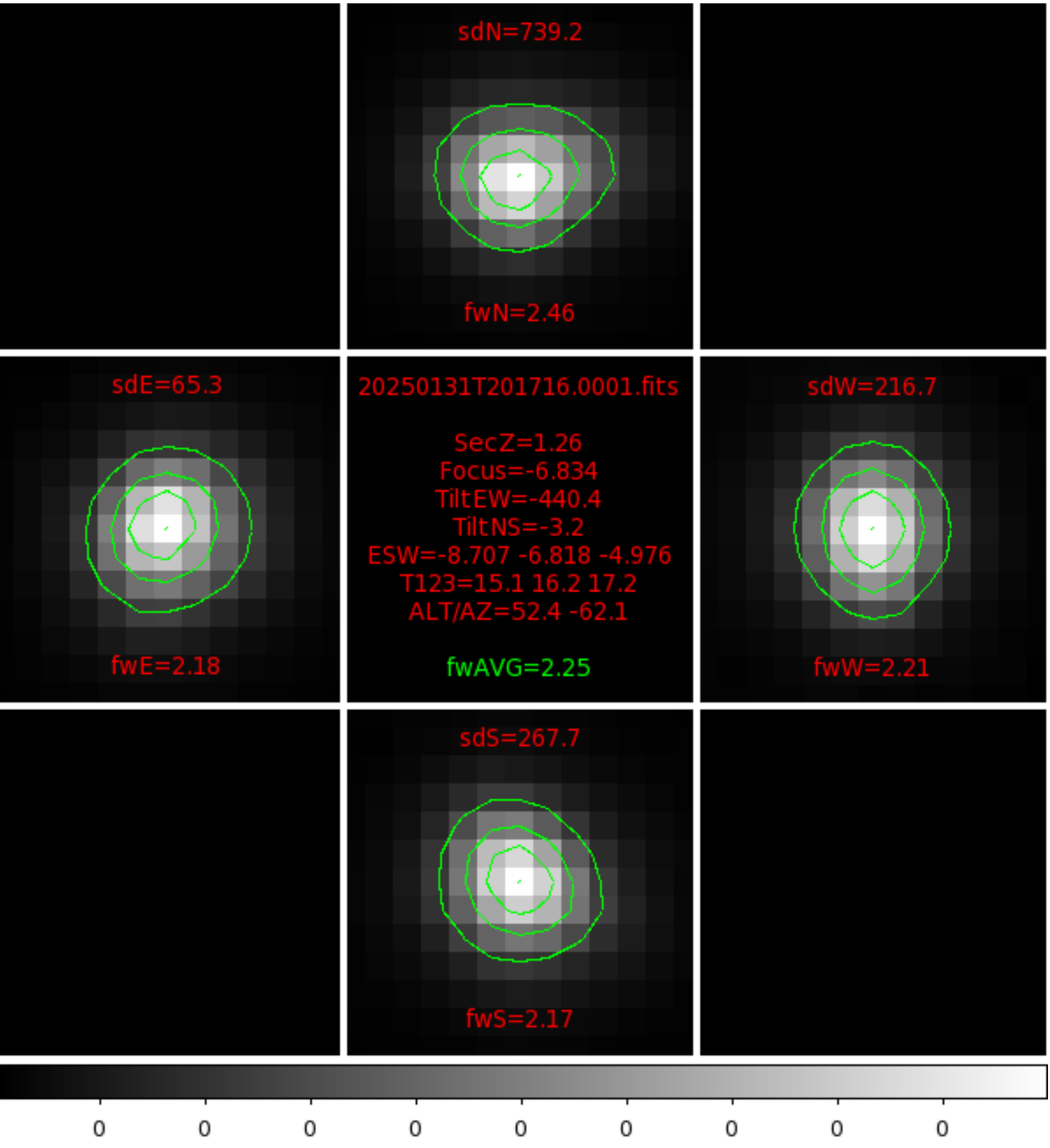
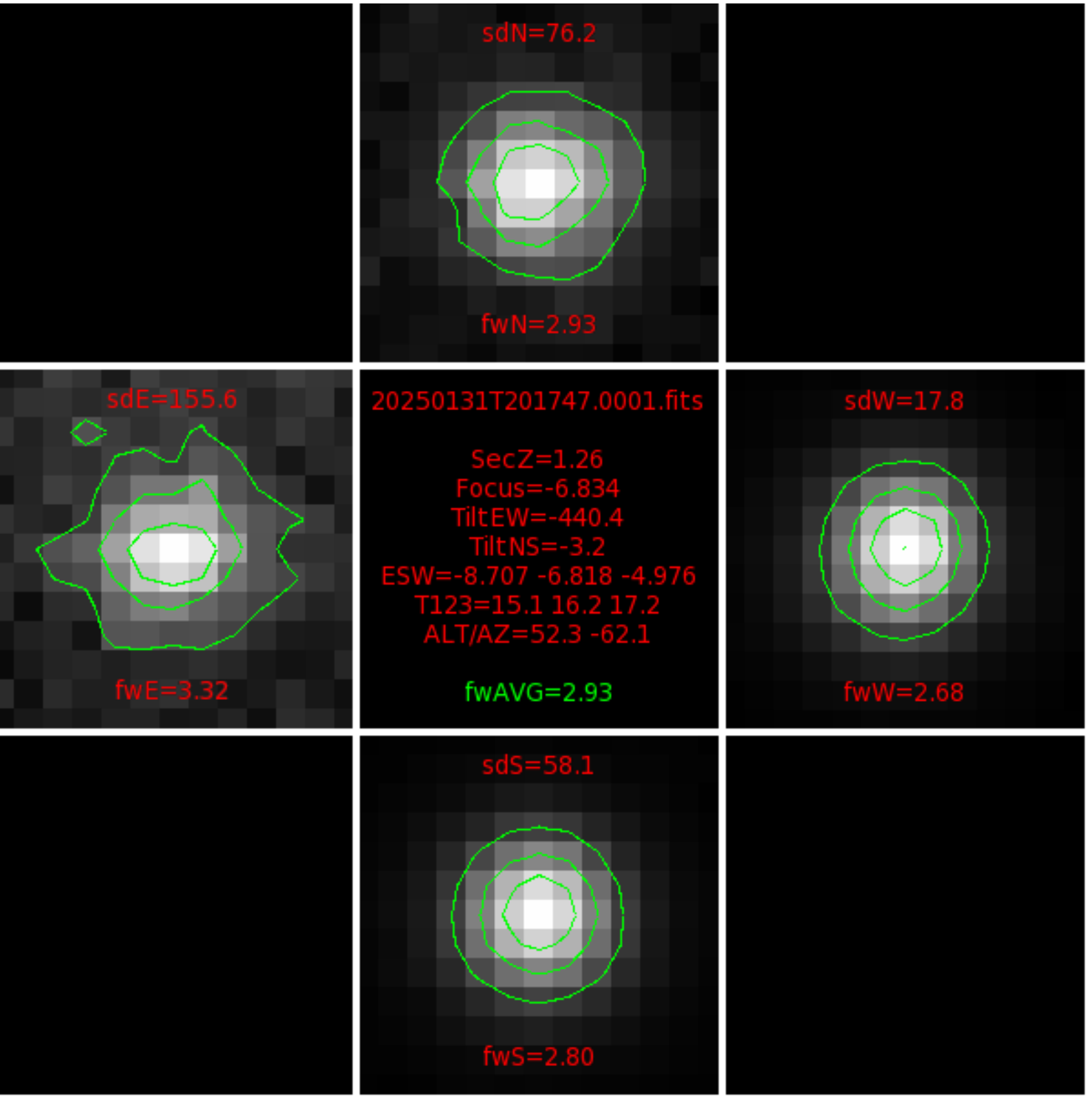
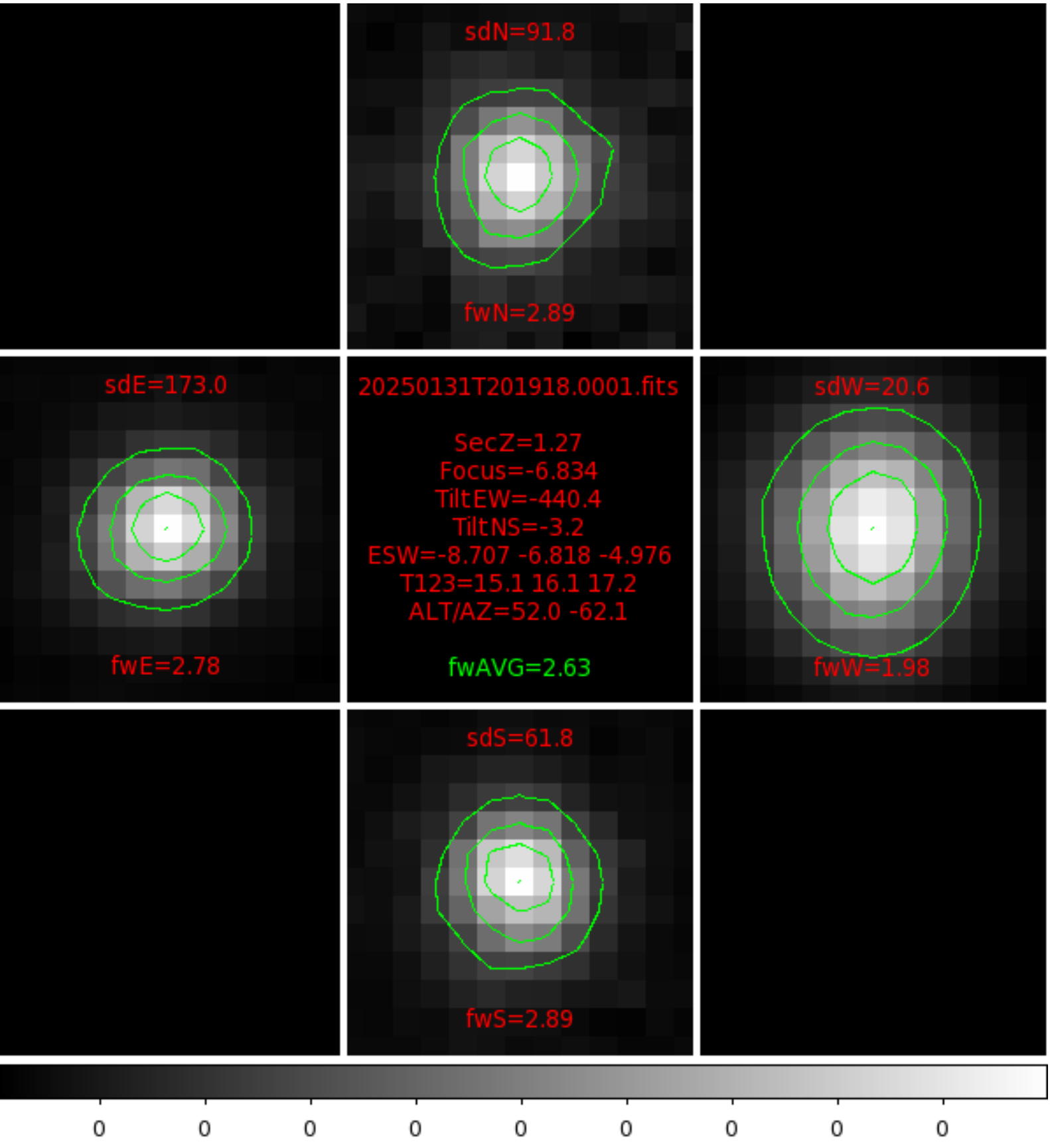
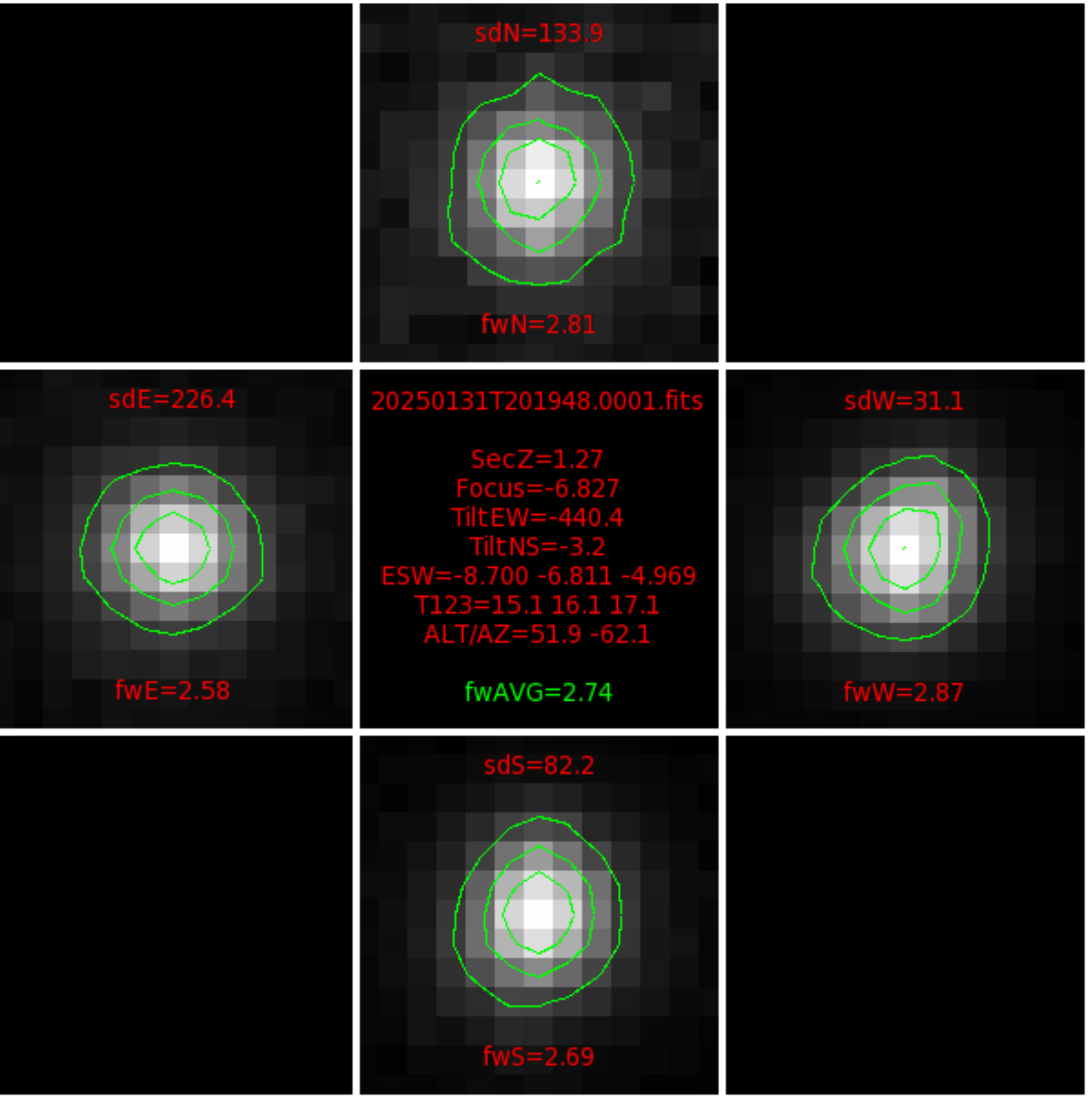

sdN=764.9
fwN=2.47
sdE=27.2
fwE=2.26
20250131T201407.0001.fits
SecZ=1.04
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.2 16.3 17.3
ALT/AZ=74.1 -64.6
fwAVG=2.28
sdW=199.2
fwW=2.15
sdS=290.0
fwS=2.23
0 0 0 0 0 0 0 0 0

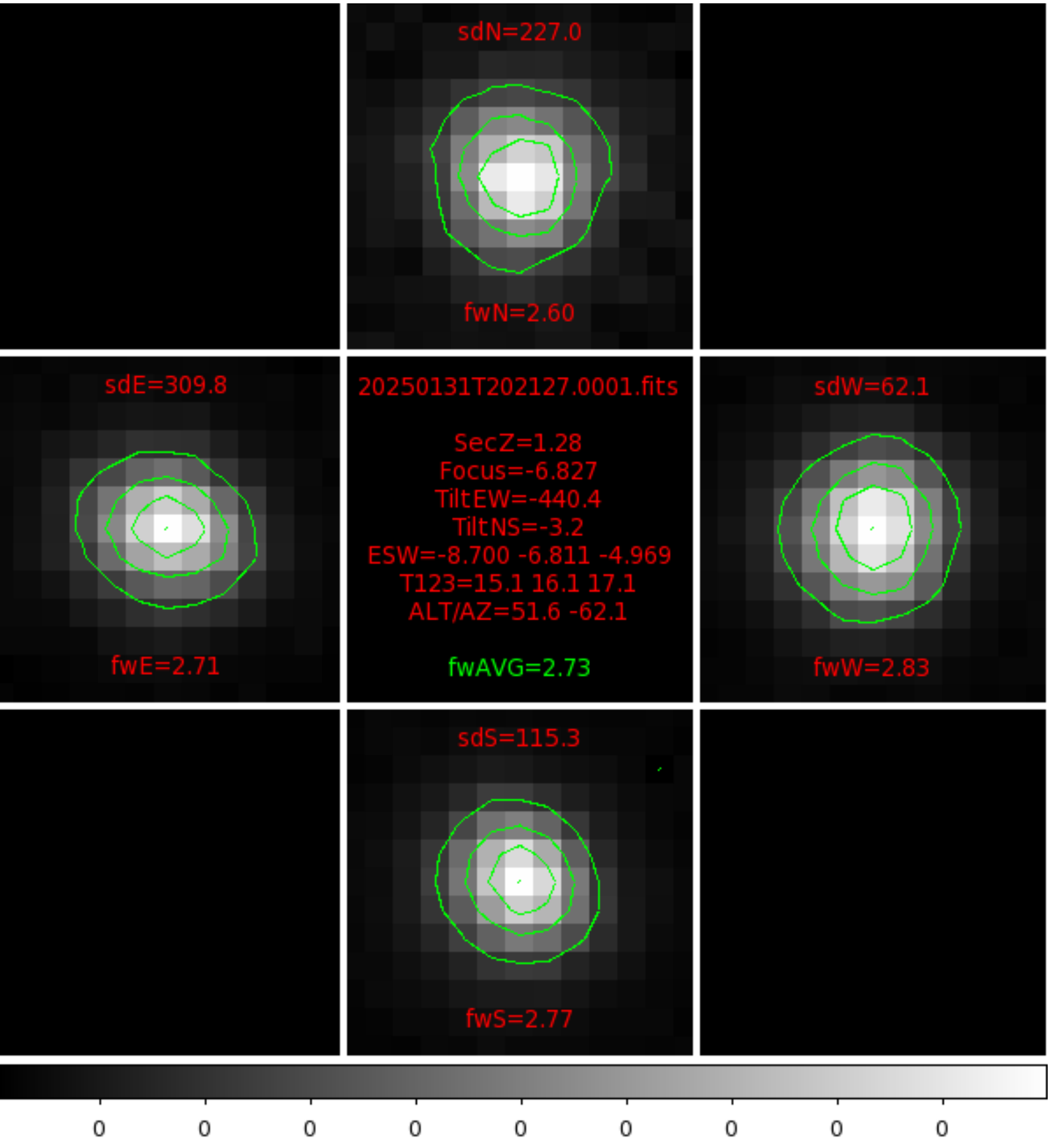

sdN=898.2
fwN=2.24
sdE=43.8
fwE=2.14
20250131T201437.0001.fits
SecZ=1.04
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.2 16.3 17.3
ALT/AZ=74.0 -64.7
fwAVG=2.14
sdW=316.2
fwW=2.06
sdS=432.3
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=739.2
fwN=2.46
sdE=65.3
fwE=2.18
20250131T201716.0001.fits
SecZ=1.26
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.1 16.2 17.2
ALT/AZ=52.4 -62.1
fwAVG=2.25
sdW=216.7
fwW=2.21
sdS=267.7
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=76.2
fwN=2.93
sdE=155.6
fwE=3.32
20250131T201747.0001.fits
SecZ=1.26
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.1 16.2 17.2
ALT/AZ=52.3 -62.1
fwAVG=2.93
sdW=17.8
fwW=2.68
sdS=58.1
fwS=2.80
0 0 0 0 0 0 0 0 0


sdN=91.8
fwN=2.89
sdE=173.0
fwE=2.78
20250131T201918.0001.fits
SecZ=1.27
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.1 16.1 17.2
ALT/AZ=52.0 -62.1
fwAVG=2.63
sdW=20.6
fwW=1.98
sdS=61.8
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=133.9
fwN=2.81
sdE=226.4
fwE=2.58
20250131T201948.0001.fits
SecZ=1.27
Focus=-6.827
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.700 -6.811 -4.969
T123=15.1 16.1 17.1
ALT/AZ=51.9 -62.1
fwAVG=2.74
sdW=31.1
fwW=2.87
sdS=82.2
fwS=2.69
0 0 0 0 0 0 0 0 0


sdN=227.0
fwN=2.60
sdE=309.8
fwE=2.71
20250131T202127.0001.fits
SecZ=1.28
Focus=-6.827
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.700 -6.811 -4.969
T123=15.1 16.1 17.1
ALT/AZ=51.6 -62.1
fwAVG=2.73
sdW=62.1
fwW=2.83
sdS=115.3
fwS=2.77
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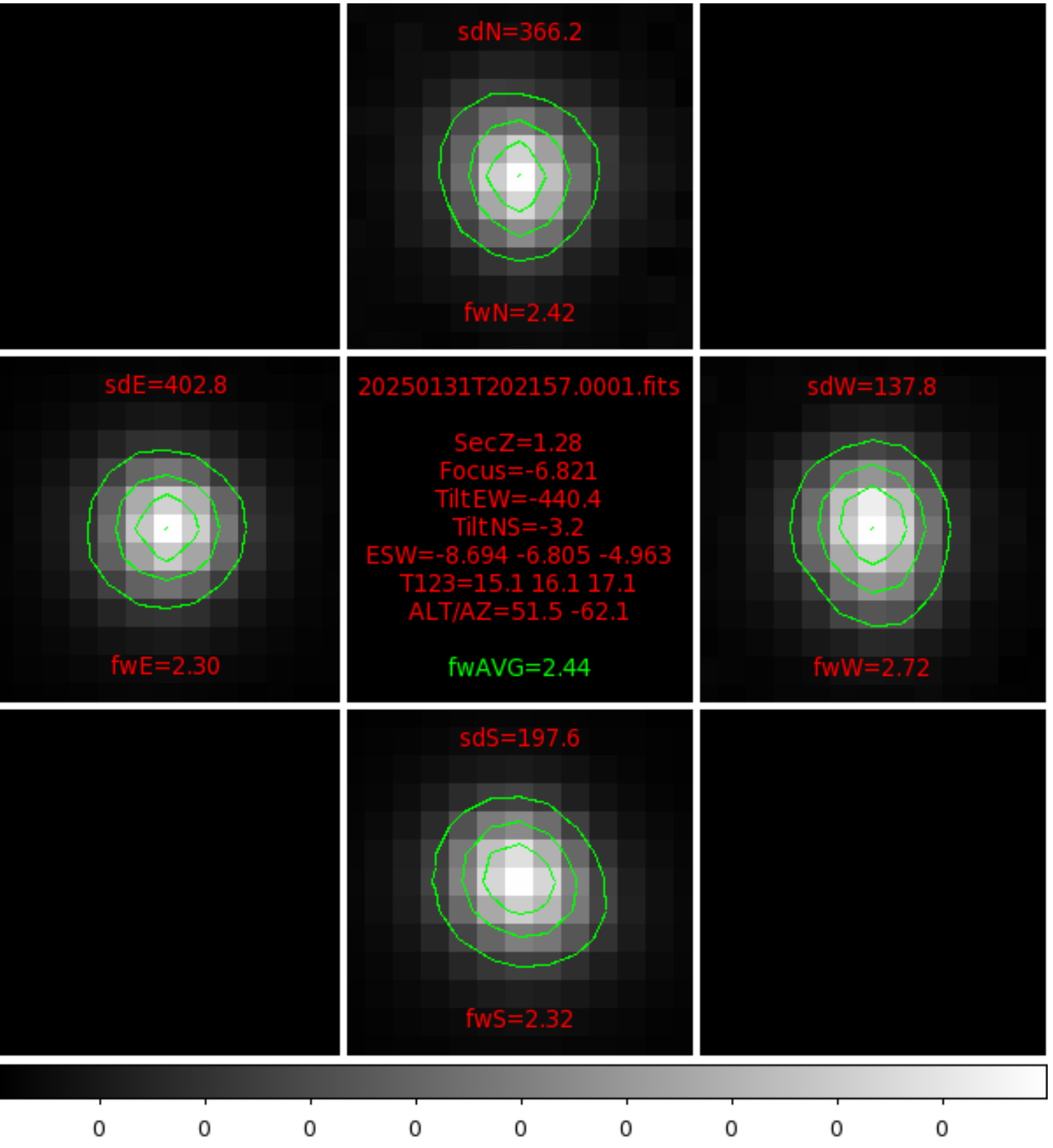
sdN=366.2
fwN=2.42
sdE=402.8
fwE=2.30
20250131T202157.0001.fits
SecZ=1.28
Focus=-6.821
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.694 -6.805 -4.963
T123=15.1 16.1 17.1
ALT/AZ=51.5 -62.1
fwAVG=2.44
sdW=137.8
fwW=2.72
sdS=197.6
fwS=2.32
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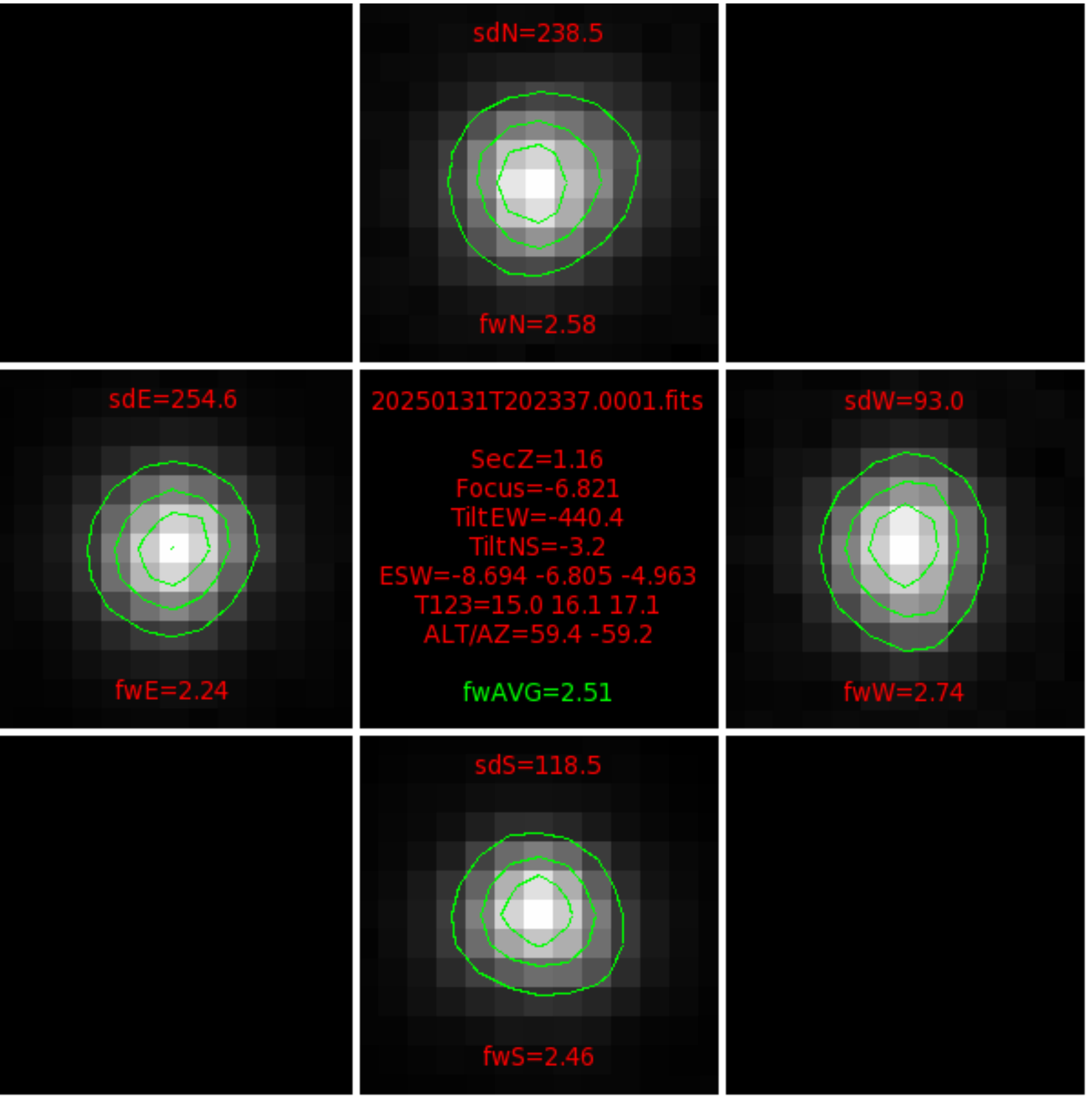
sdN=238.5
fwN=2.58
sdE=254.6
fwE=2.24
20250131T202337.0001.fits
SecZ=1.16
Focus=-6.821
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.694 -6.805 -4.963
T123=15.0 16.1 17.1
ALT/AZ=59.4 -59.2
fwAVG=2.51
sdW=93.0
fwW=2.74
sdS=118.5
fwS=2.46
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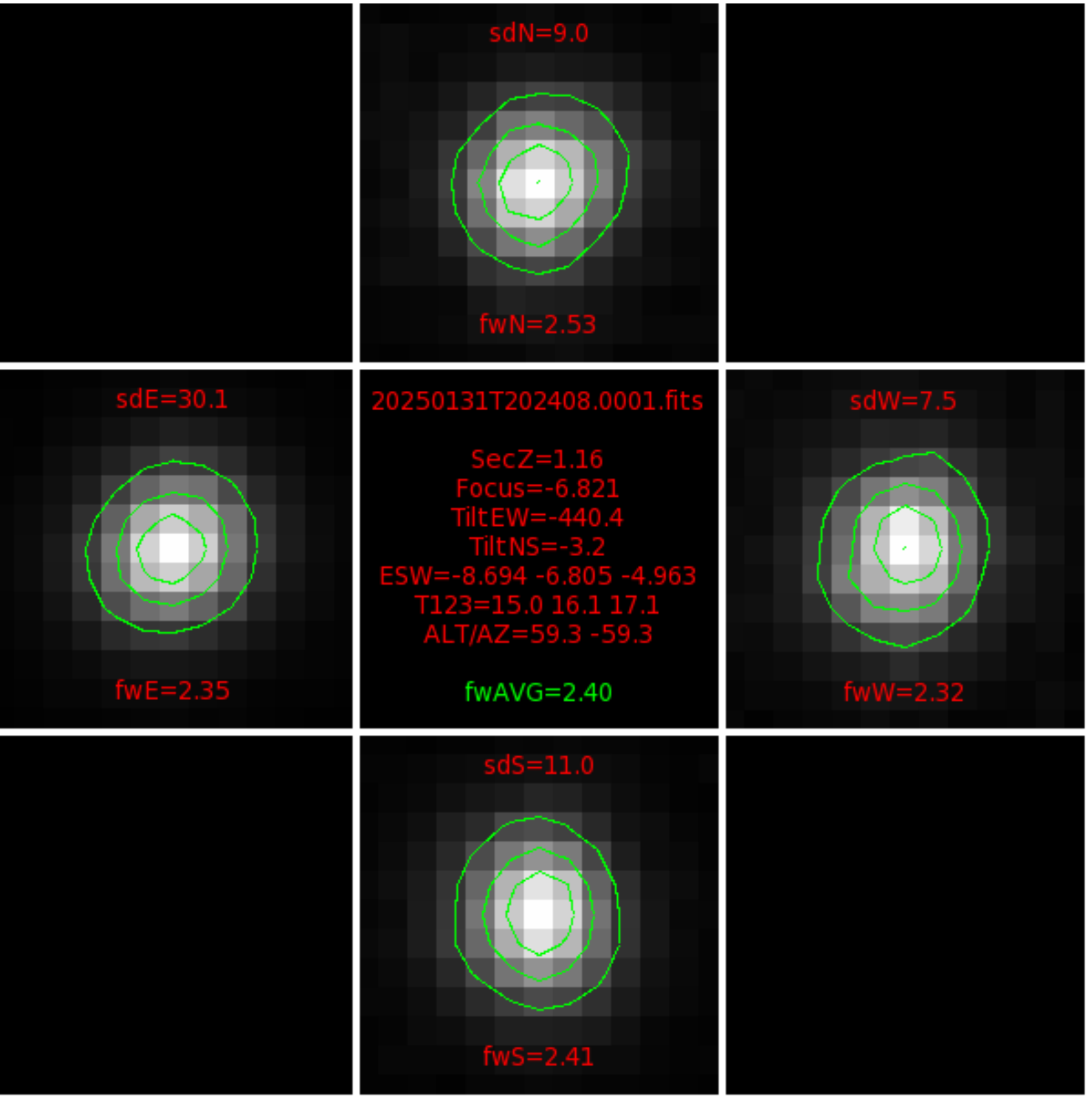
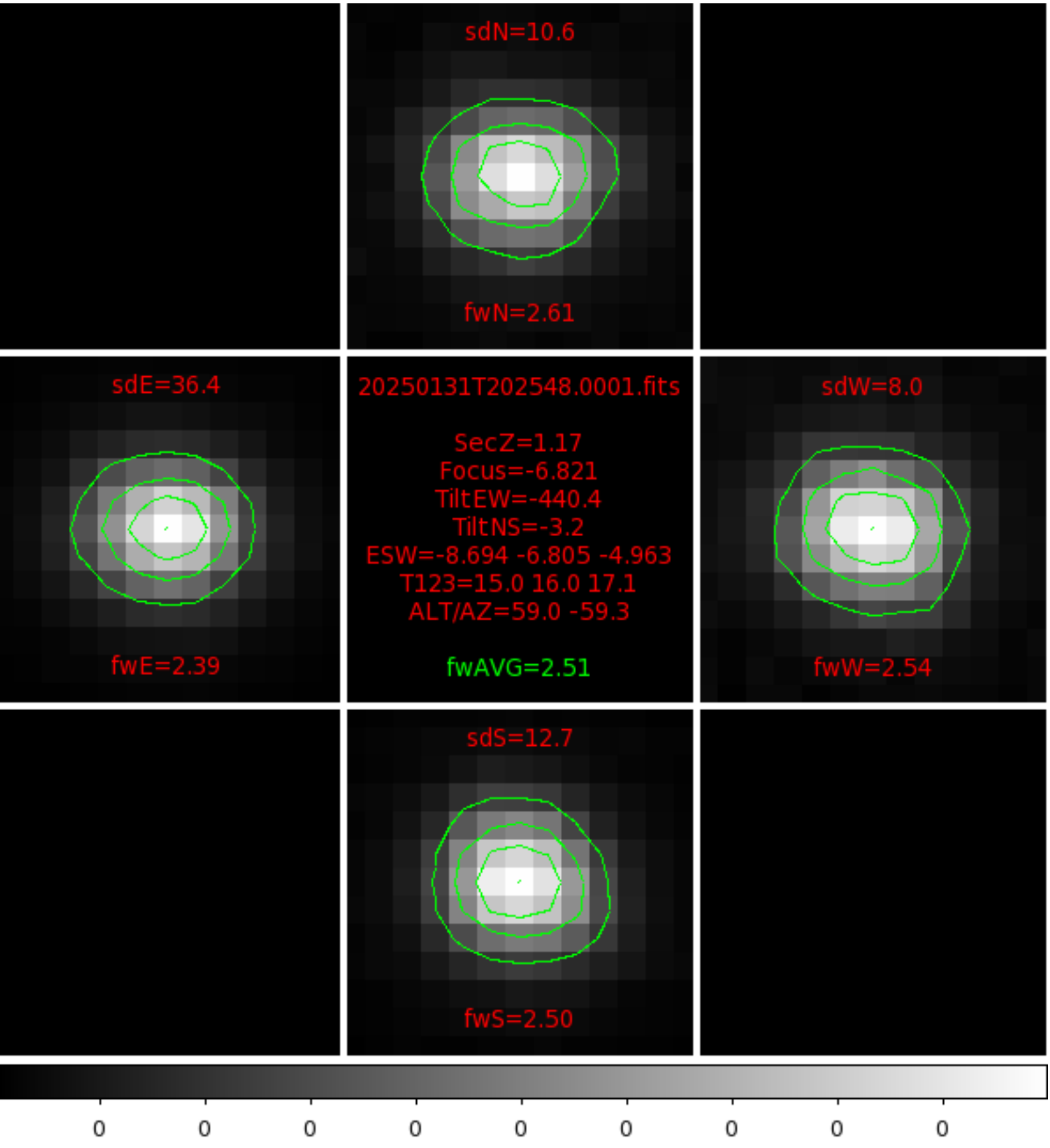
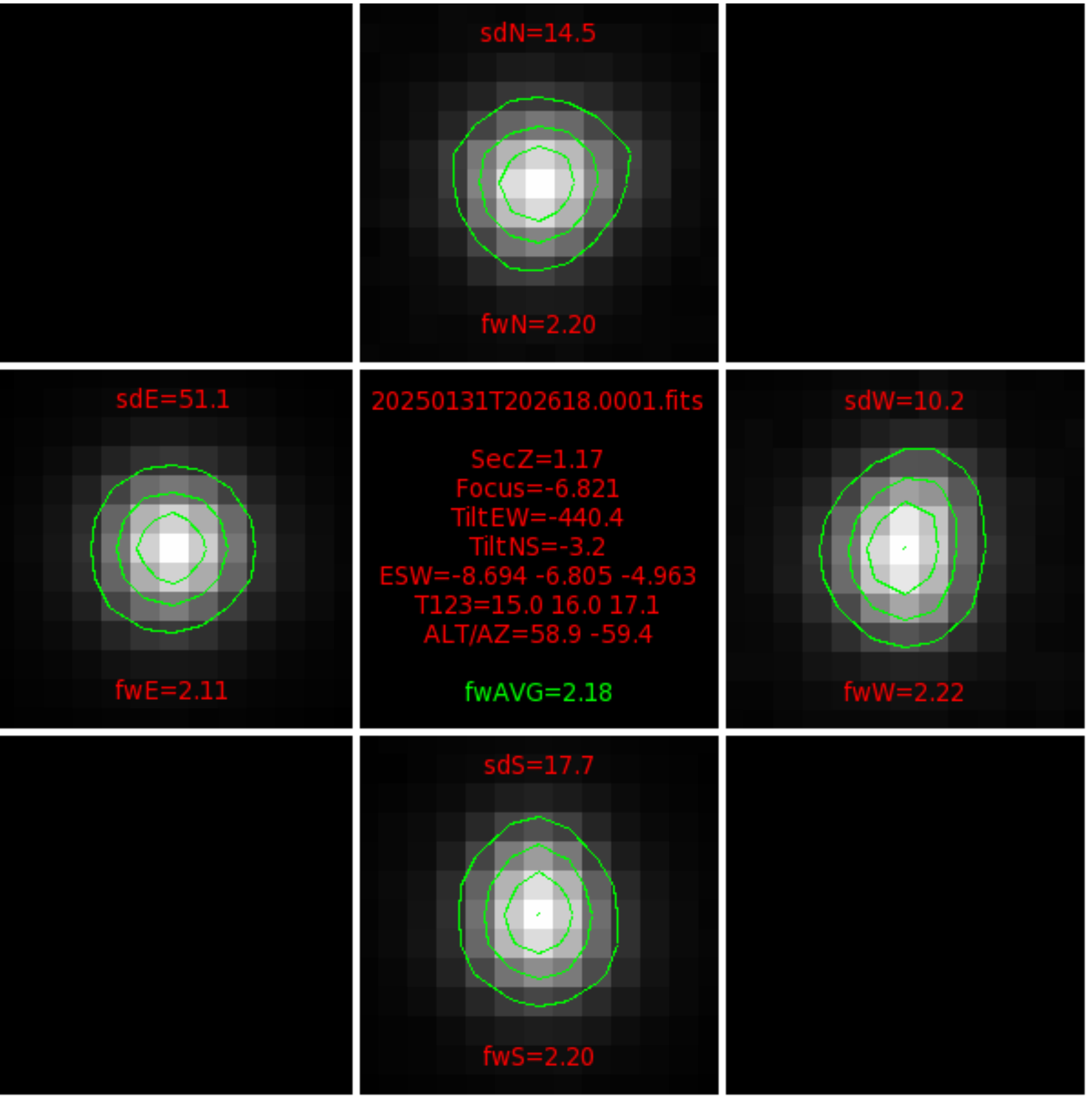
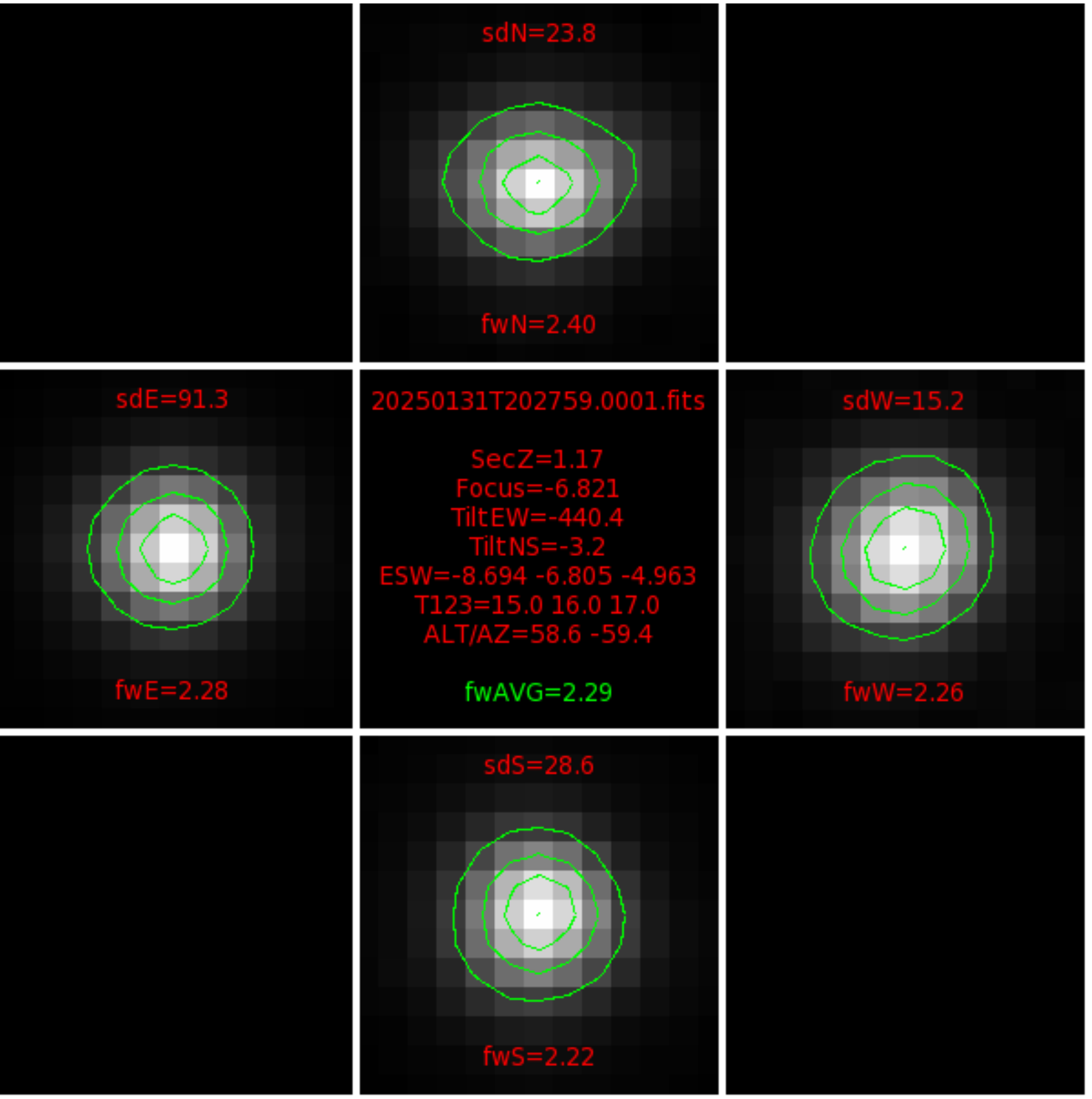
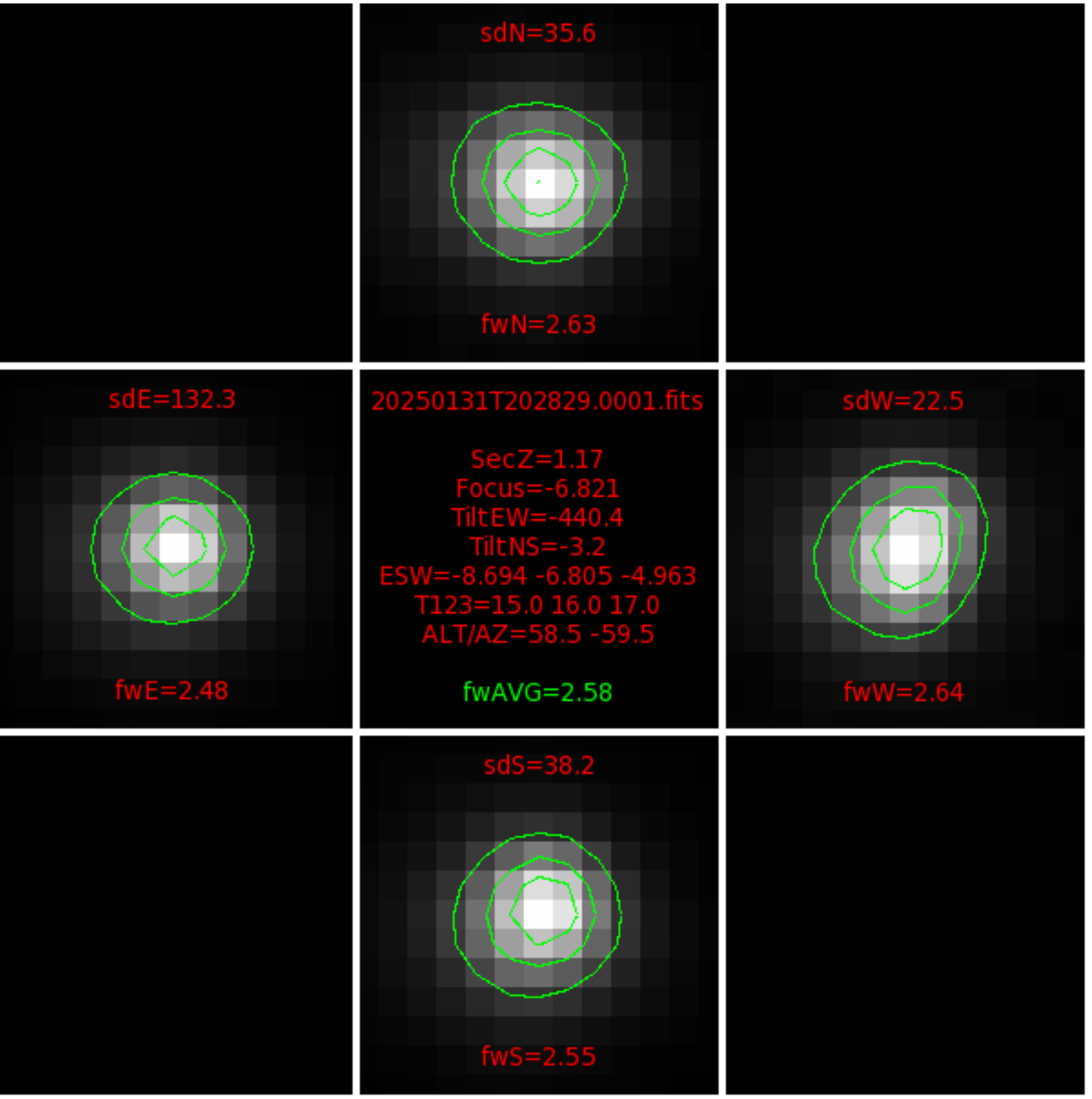

sdN=9.0
fwN=2.53
sdE=30.1
fwE=2.35
20250131T202408.0001.fits
SecZ=1.16
Focus=-6.821
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.694 -6.805 -4.963
T123=15.0 16.1 17.1
ALT/AZ=59.3 -59.3
fwAVG=2.40
sdW=7.5
fwW=2.32
sdS=11.0
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=10.6
fwN=2.61
sdE=36.4
fwE=2.39
20250131T202548.0001.fits
SecZ=1.17
Focus=-6.821
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.694 -6.805 -4.963
T123=15.0 16.0 17.1
ALT/AZ=59.0 -59.3
fwAVG=2.51
sdW=8.0
fwW=2.54
sdS=12.7
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=14.5
fwN=2.20
sdE=51.1
fwE=2.11
20250131T202618.0001.fits
SecZ=1.17
Focus=-6.821
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.694 -6.805 -4.963
T123=15.0 16.0 17.1
ALT/AZ=58.9 -59.4
fwAVG=2.18
sdW=10.2
fwW=2.22
sdS=17.7
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=23.8
fwN=2.40
sdE=91.3
fwE=2.28
20250131T202759.0001.fits
SecZ=1.17
Focus=-6.821
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.694 -6.805 -4.963
T123=15.0 16.0 17.0
ALT/AZ=58.6 -59.4
fwAVG=2.29
sdW=15.2
fwW=2.26
sdS=28.6
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=35.6
fwN=2.63
sdE=132.3
fwE=2.48
20250131T202829.0001.fits
SecZ=1.17
Focus=-6.821
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.694 -6.805 -4.963
T123=15.0 16.0 17.0
ALT/AZ=58.5 -59.5
fwAVG=2.58
sdW=22.5
fwW=2.64
sdS=38.2
fwS=2.55
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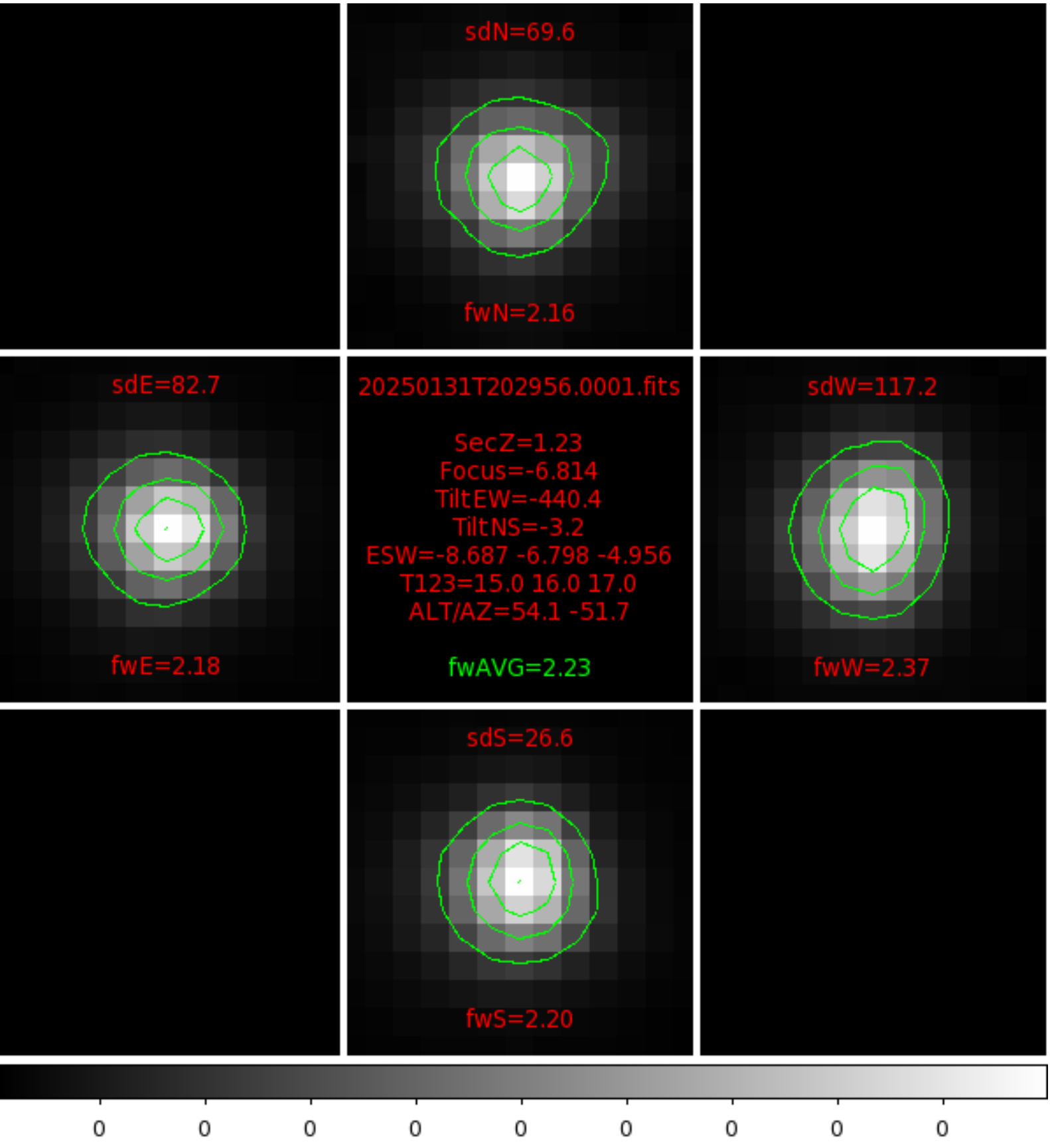
sdN=69.6
fwN=2.16
sdE=82.7
fwE=2.18
20250131T202956.0001.fits
SecZ=1.23
Focus=-6.814
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.687 -6.798 -4.956
T123=15.0 16.0 17.0
ALT/AZ=54.1 -51.7
fwAVG=2.23
sdW=117.2
fwW=2.37
sdS=26.6
fwS=2.20
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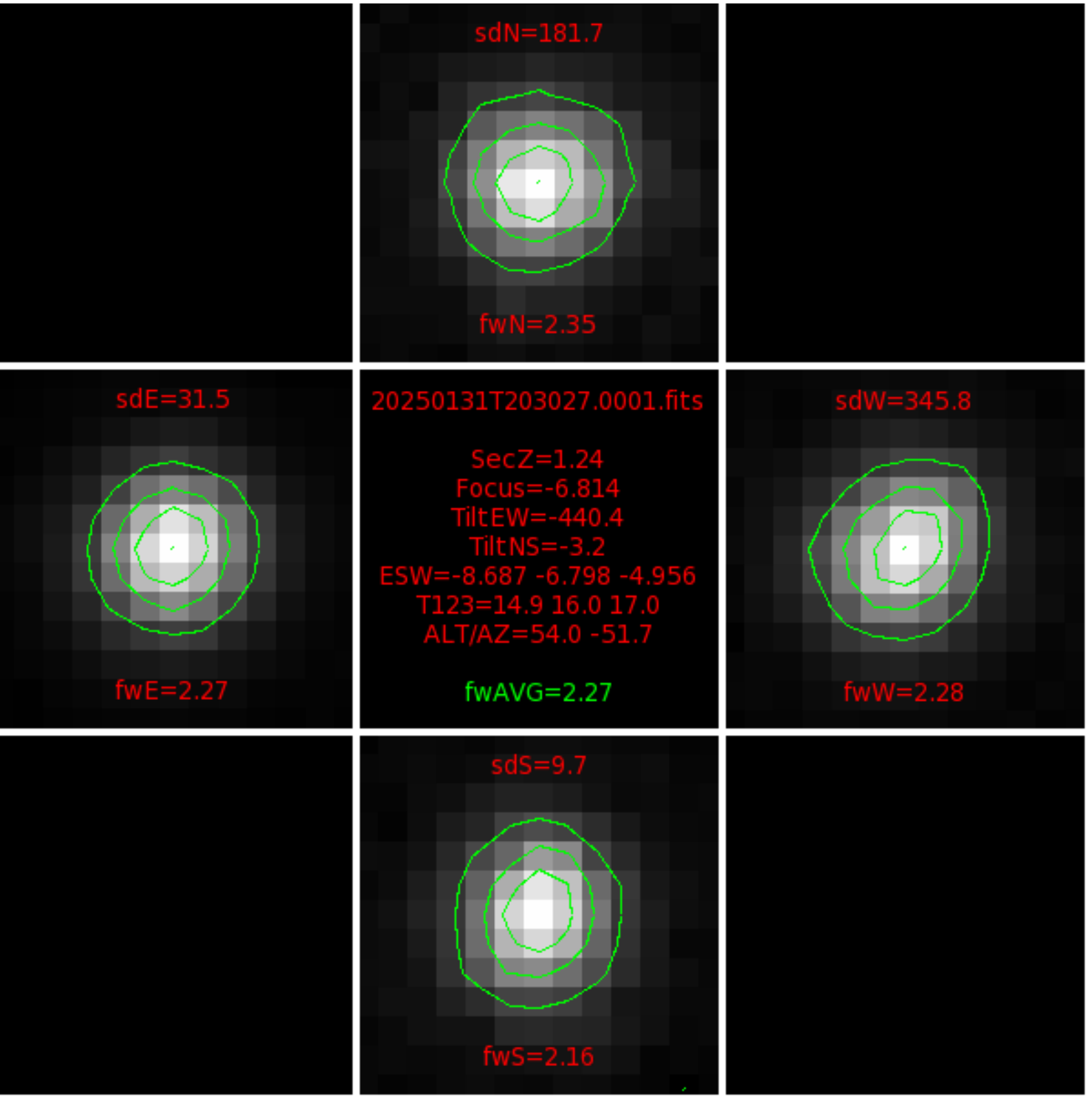
sdN=181.7
fwN=2.35
sdE=31.5
fwE=2.27
20250131T203027.0001.fits
SecZ=1.24
Focus=-6.814
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.687 -6.798 -4.956
T123=14.9 16.0 17.0
ALT/AZ=54.0 -51.7
fwAVG=2.27
sdW=345.8
fwW=2.28
sdS=9.7
fwS=2.16
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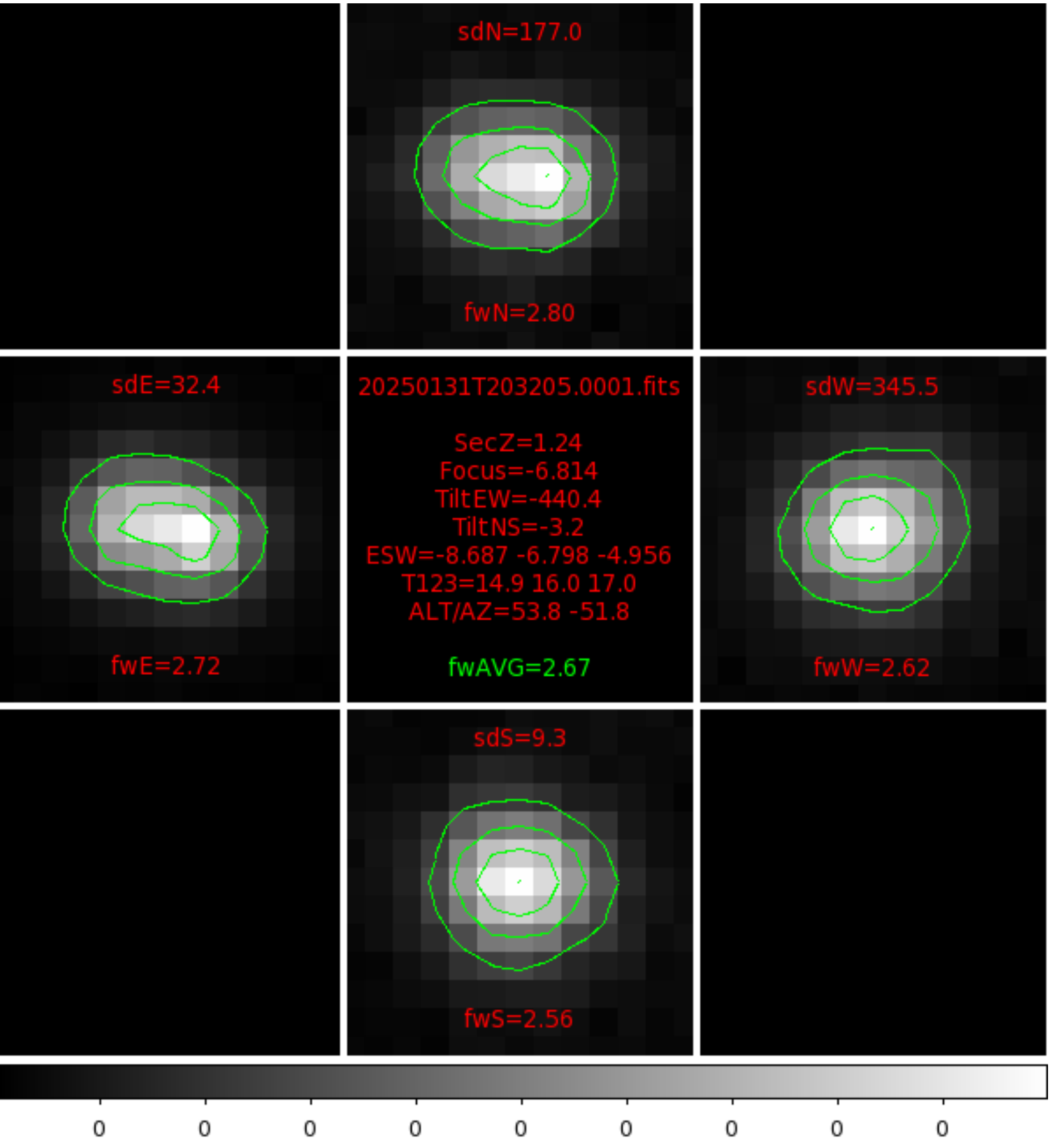
sdN=177.0
fwN=2.80
sdE=32.4
fwE=2.72
20250131T203205.0001.fits
SecZ=1.24
Focus=-6.814
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.687 -6.798 -4.956
T123=14.9 16.0 17.0
ALT/AZ=53.8 -51.8
fwAVG=2.67
sdW=345.5
fwW=2.62
sdS=9.3
fwS=2.56
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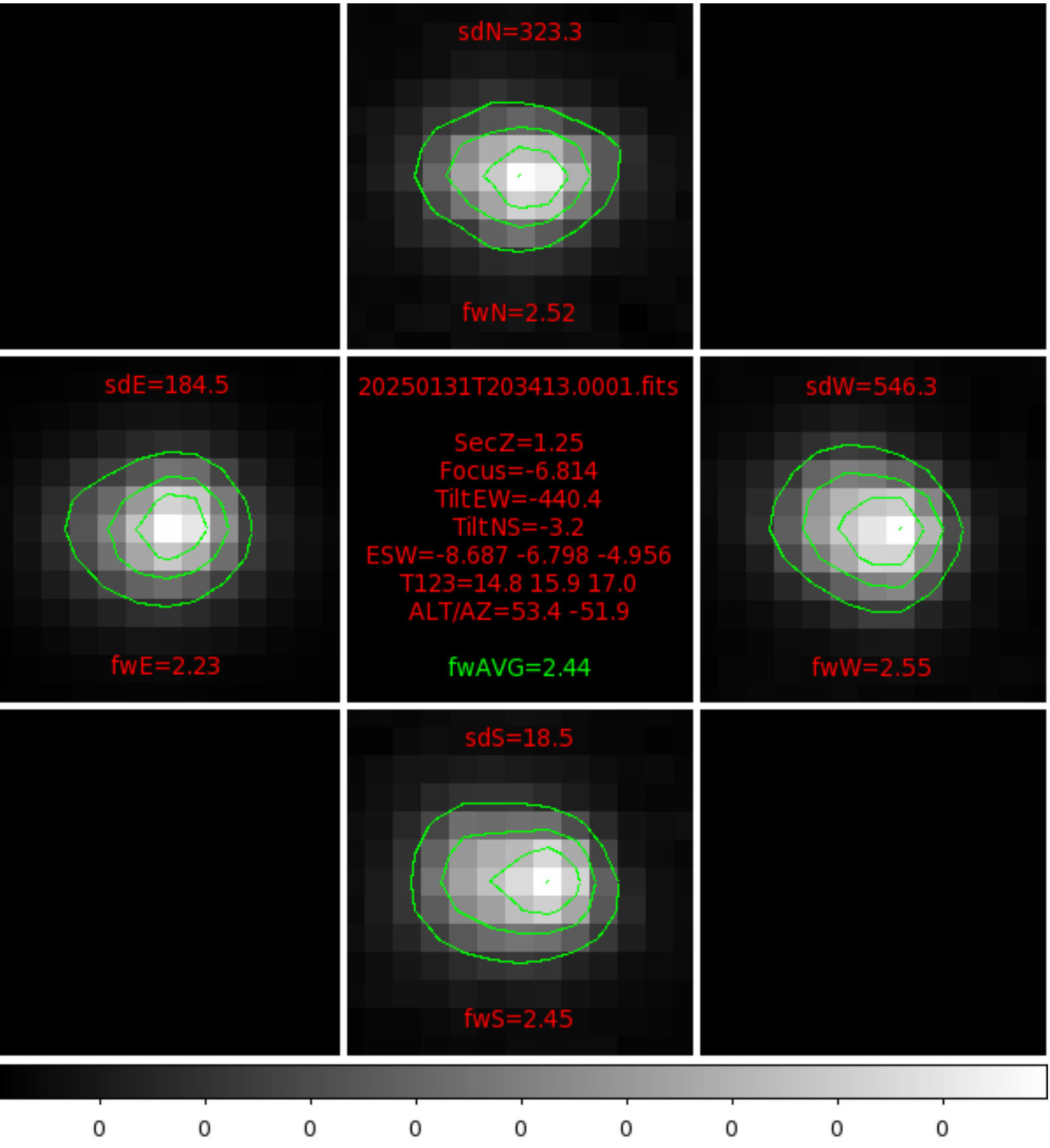
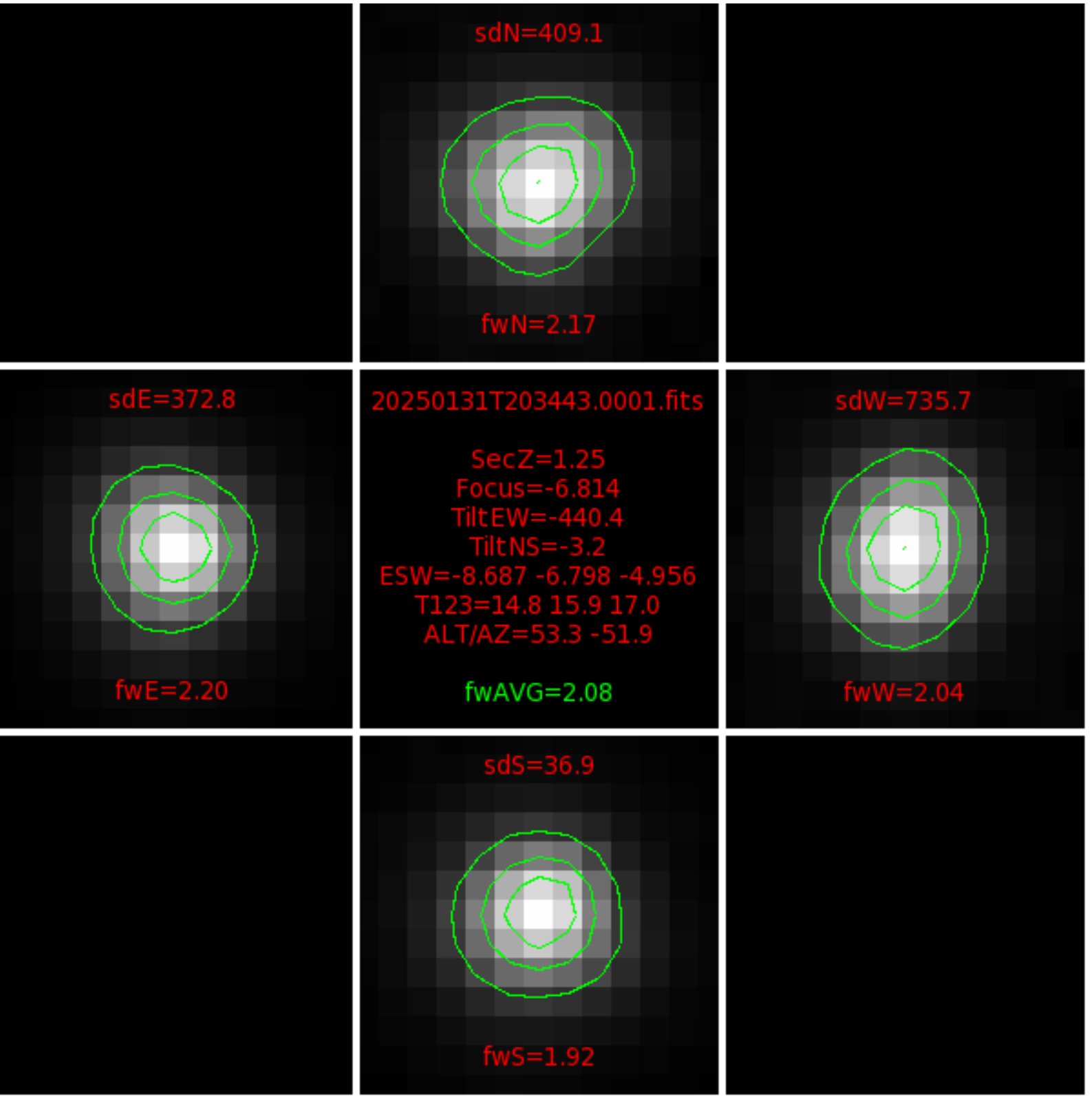
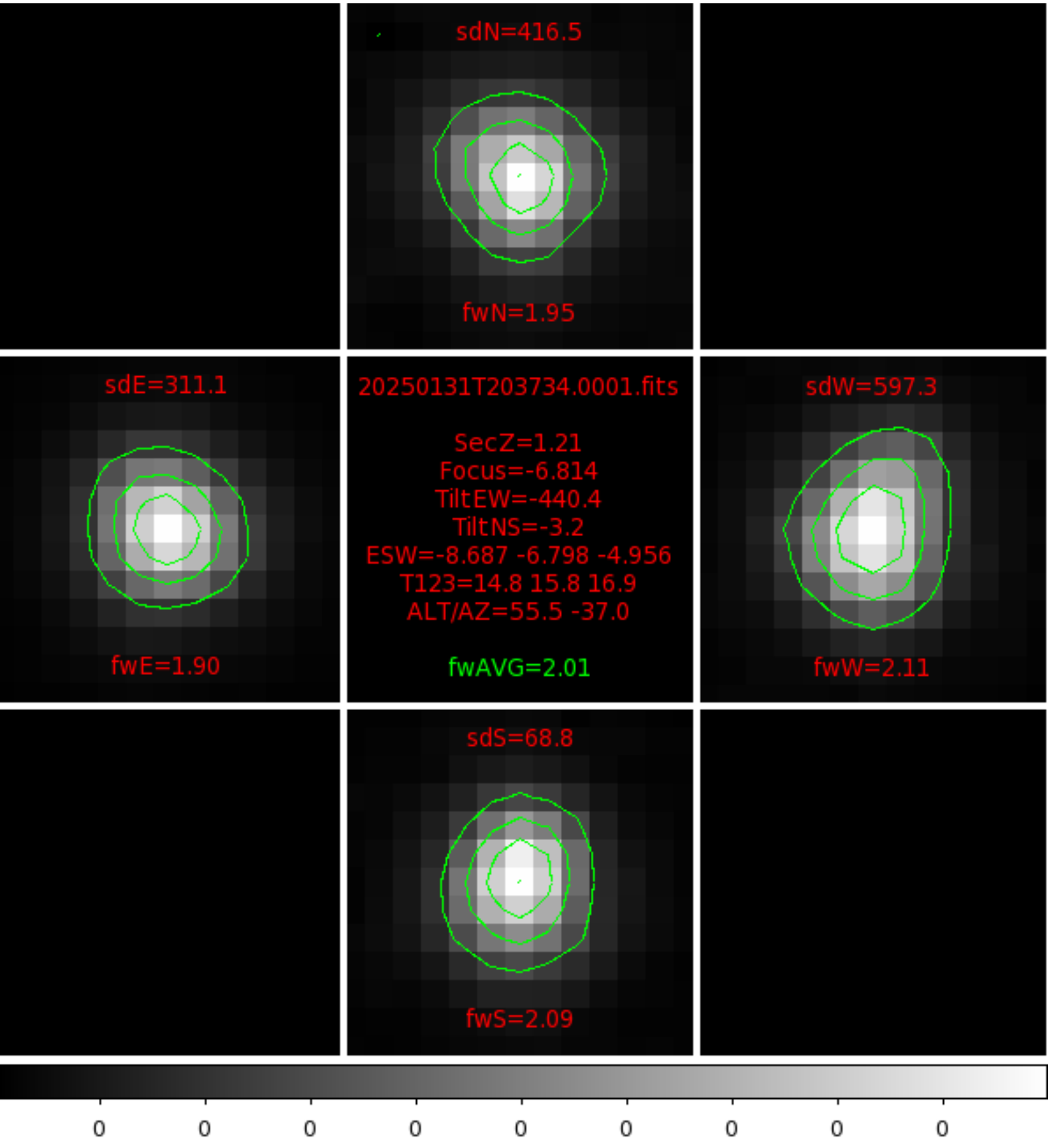
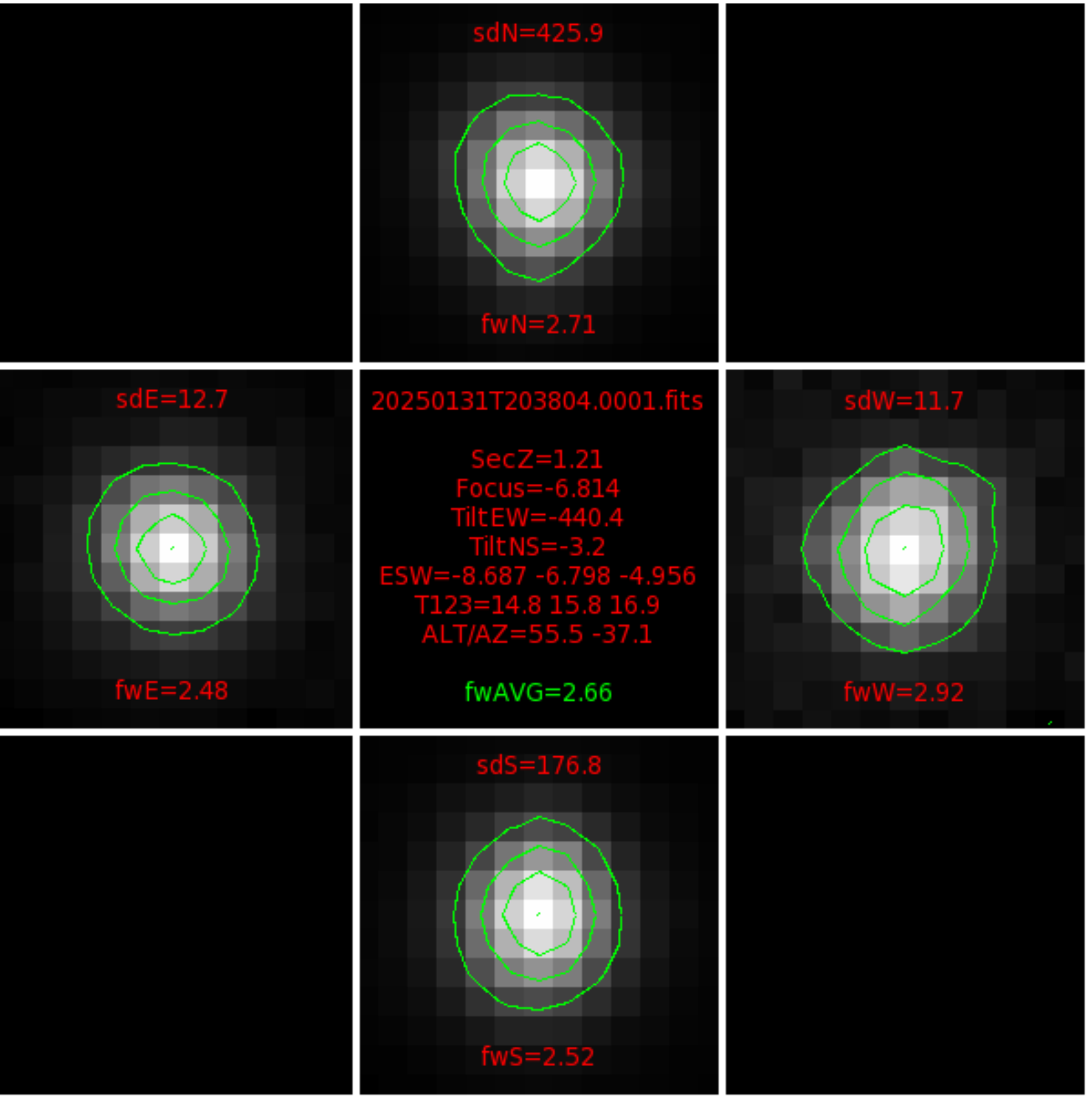
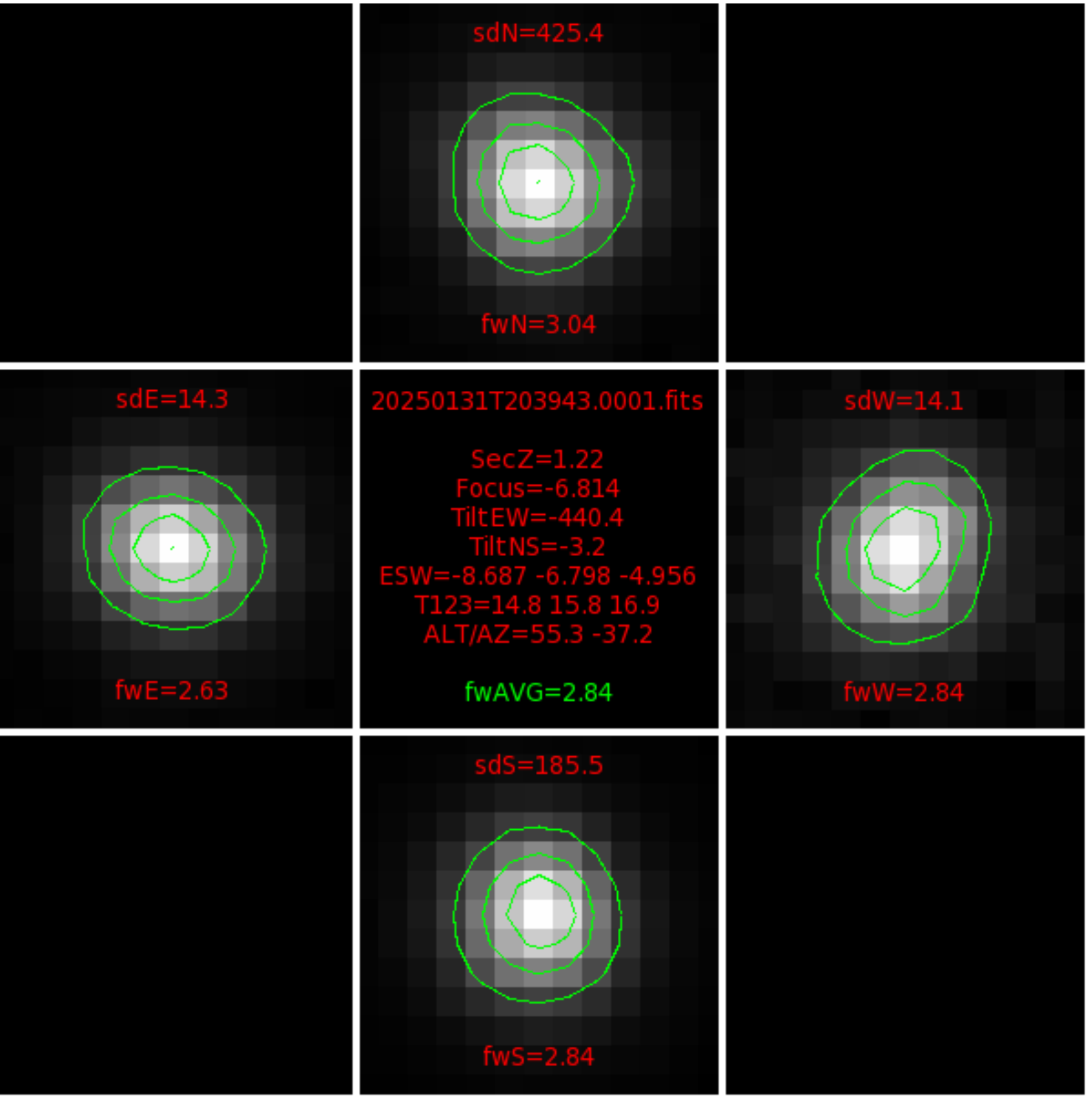
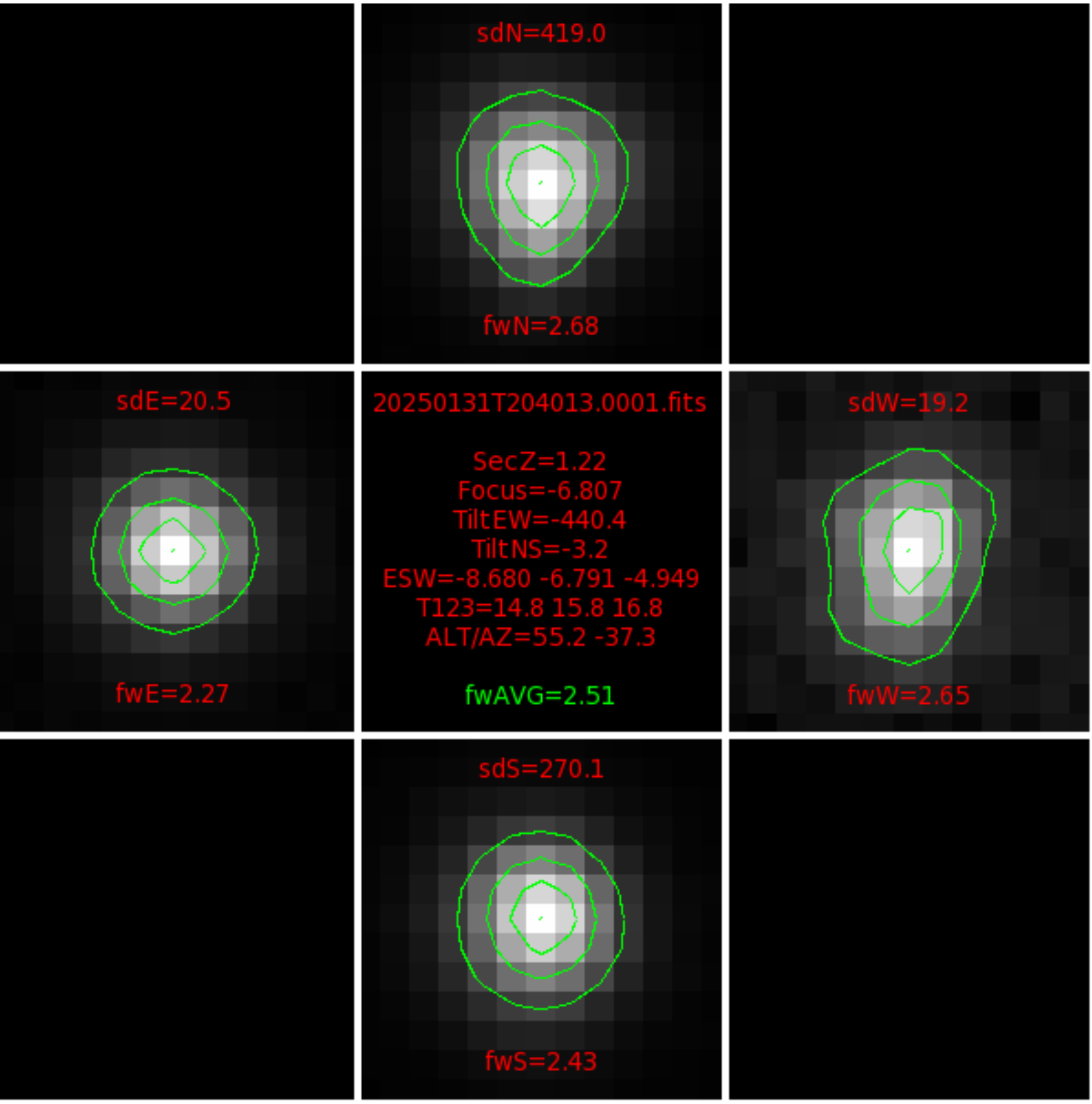

sdN=323.3
fwN=2.52
sdE=184.5
fwE=2.23
20250131T203413.0001.fits
SecZ=1.25
Focus=-6.814
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.687 -6.798 -4.956
T123=14.8 15.9 17.0
ALT/AZ=53.4 -51.9
fwAVG=2.44
sdW=546.3
fwW=2.55
sdS=18.5
fwS=2.45
0 0 0 0 0 0 0 0 0


sdN=409.1
fwN=2.17
sdE=372.8
fwE=2.20
20250131T203443.0001.fits
SecZ=1.25
Focus=-6.814
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.687 -6.798 -4.956
T123=14.8 15.9 17.0
ALT/AZ=53.3 -51.9
fwAVG=2.08
sdW=735.7
fwW=2.04
sdS=36.9
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=416.5
fwN=1.95
sdE=311.1
fwE=1.90
20250131T203734.0001.fits
SecZ=1.21
Focus=-6.814
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.687 -6.798 -4.956
T123=14.8 15.8 16.9
ALT/AZ=55.5 -37.0
fwAVG=2.01
sdW=597.3
fwW=2.11
sdS=68.8
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=425.9
fwN=2.71
sdE=12.7
fwE=2.48
20250131T203804.0001.fits
SecZ=1.21
Focus=-6.814
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.687 -6.798 -4.956
T123=14.8 15.8 16.9
ALT/AZ=55.5 -37.1
fwAVG=2.66
sdW=11.7
fwW=2.92
sdS=176.8
fwS=2.52
0 0 0 0 0 0 0 0 0


sdN=425.4
fwN=3.04
sdE=14.3
fwE=2.63
20250131T203943.0001.fits
SecZ=1.22
Focus=-6.814
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.687 -6.798 -4.956
T123=14.8 15.8 16.9
ALT/AZ=55.3 -37.2
fwAVG=2.84
sdW=14.1
fwW=2.84
sdS=185.5
fwS=2.84
0 0 0 0 0 0 0 0 0


sdN=419.0
fwN=2.68
sdE=20.5
fwE=2.27
20250131T204013.0001.fits
SecZ=1.22
Focus=-6.807
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.680 -6.791 -4.949
T123=14.8 15.8 16.8
ALT/AZ=55.2 -37.3
fwAVG=2.51
sdW=19.2
fwW=2.65
sdS=270.1
fwS=2.43
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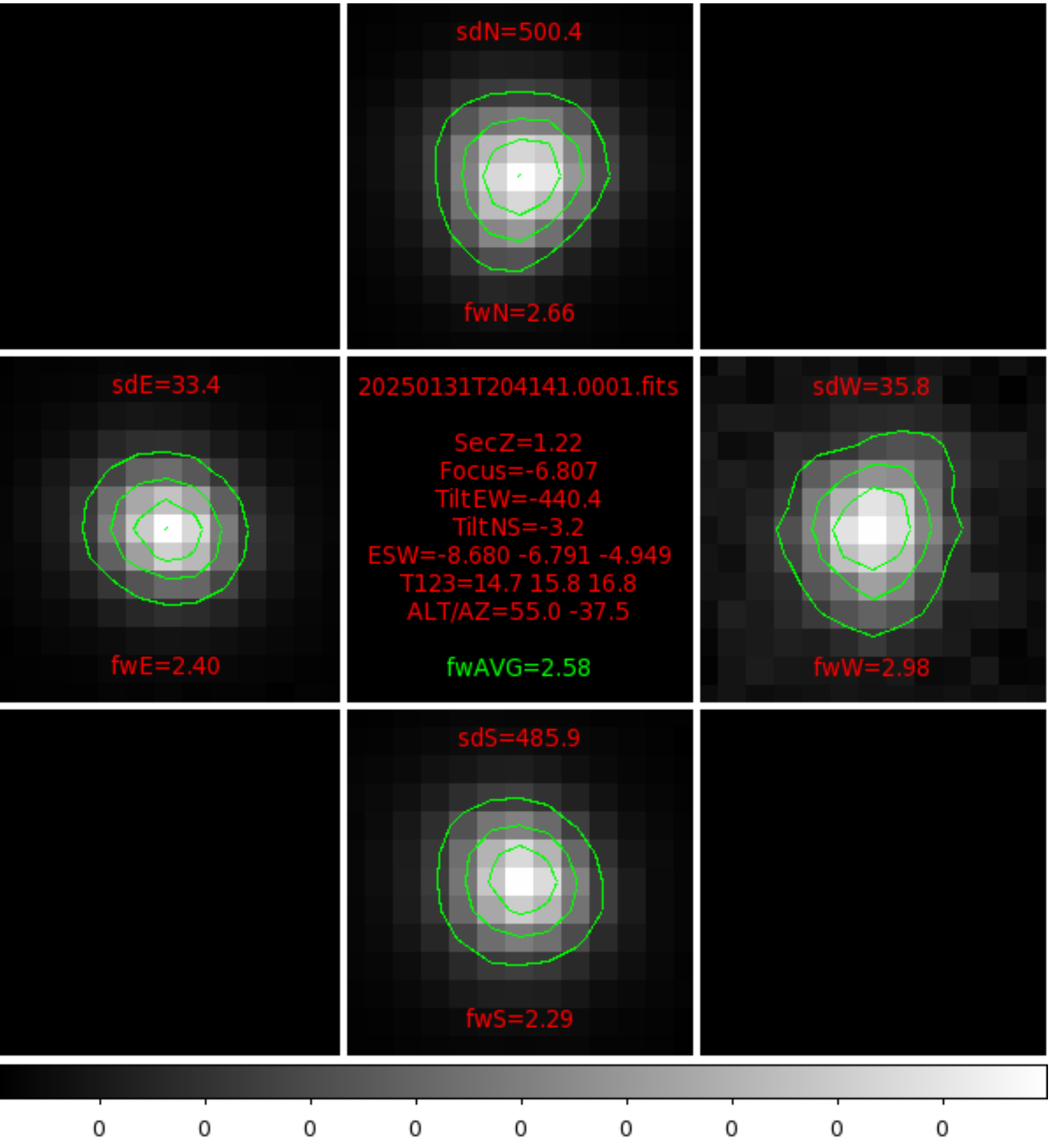
sdN=500.4
fwN=2.66
sdE=33.4
fwE=2.40
20250131T204141.0001.fits
SecZ=1.22
Focus=-6.807
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.680 -6.791 -4.949
T123=14.7 15.8 16.8
ALT/AZ=55.0 -37.5
fwAVG=2.58
sdW=35.8
fwW=2.98
sdS=485.9
fwS=2.29
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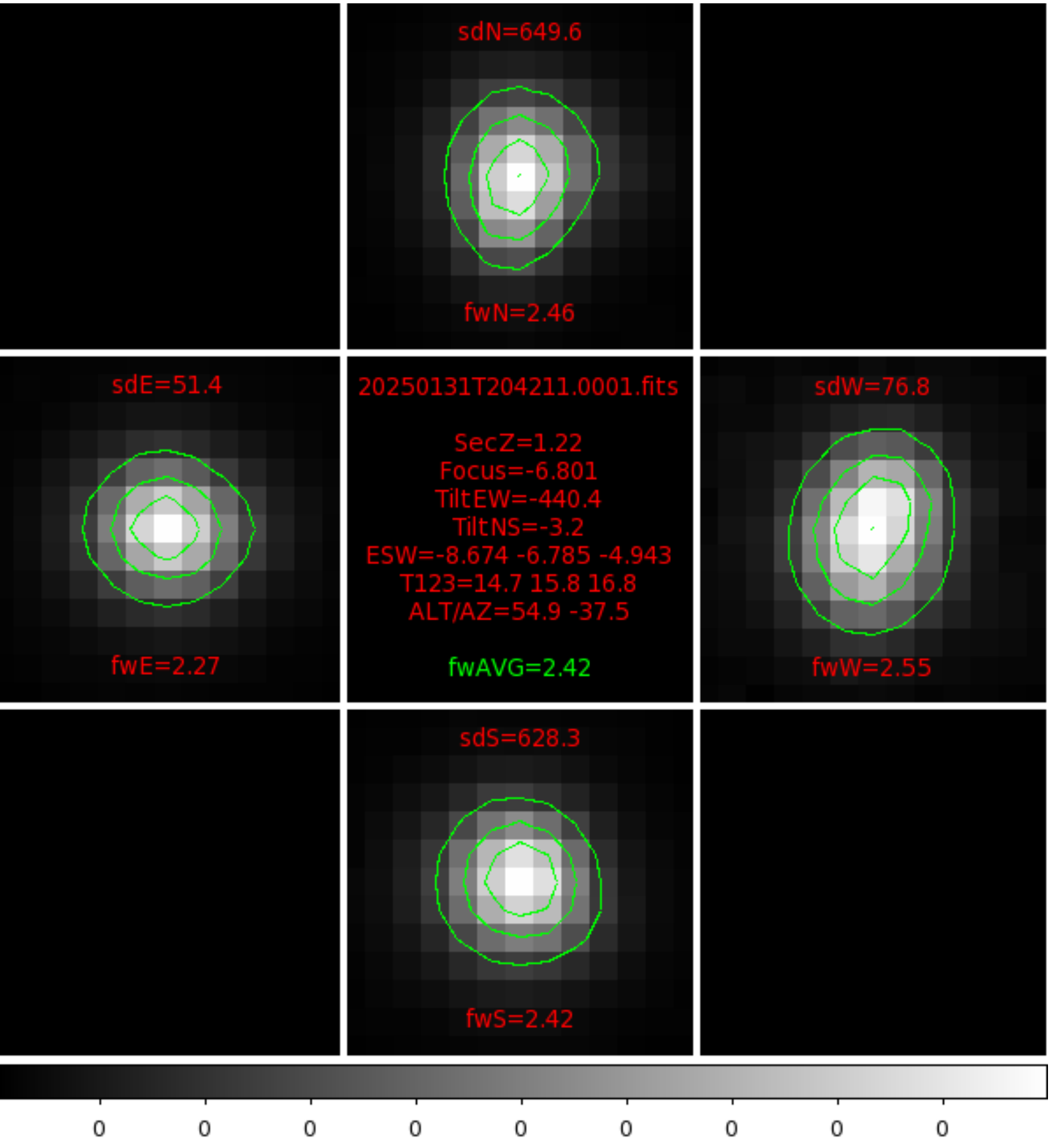
sdN=649.6
fwN=2.46
sdE=51.4
fwE=2.27
20250131T204211.0001.fits
SecZ=1.22
Focus=-6.801
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.674 -6.785 -4.943
T123=14.7 15.8 16.8
ALT/AZ=54.9 -37.5
fwAVG=2.42
sdW=76.8
fwW=2.55
sdS=628.3
fwS=2.42
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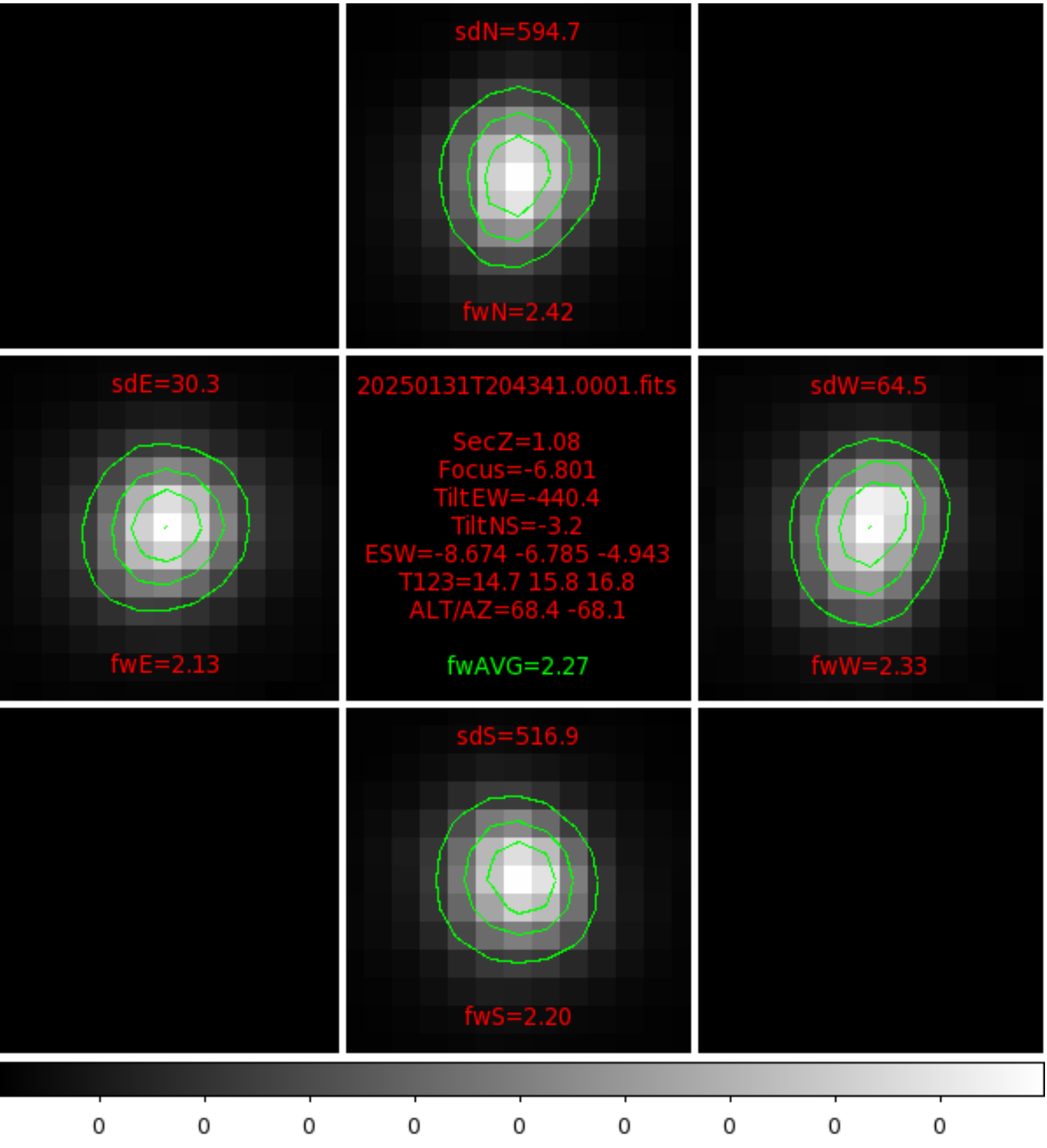
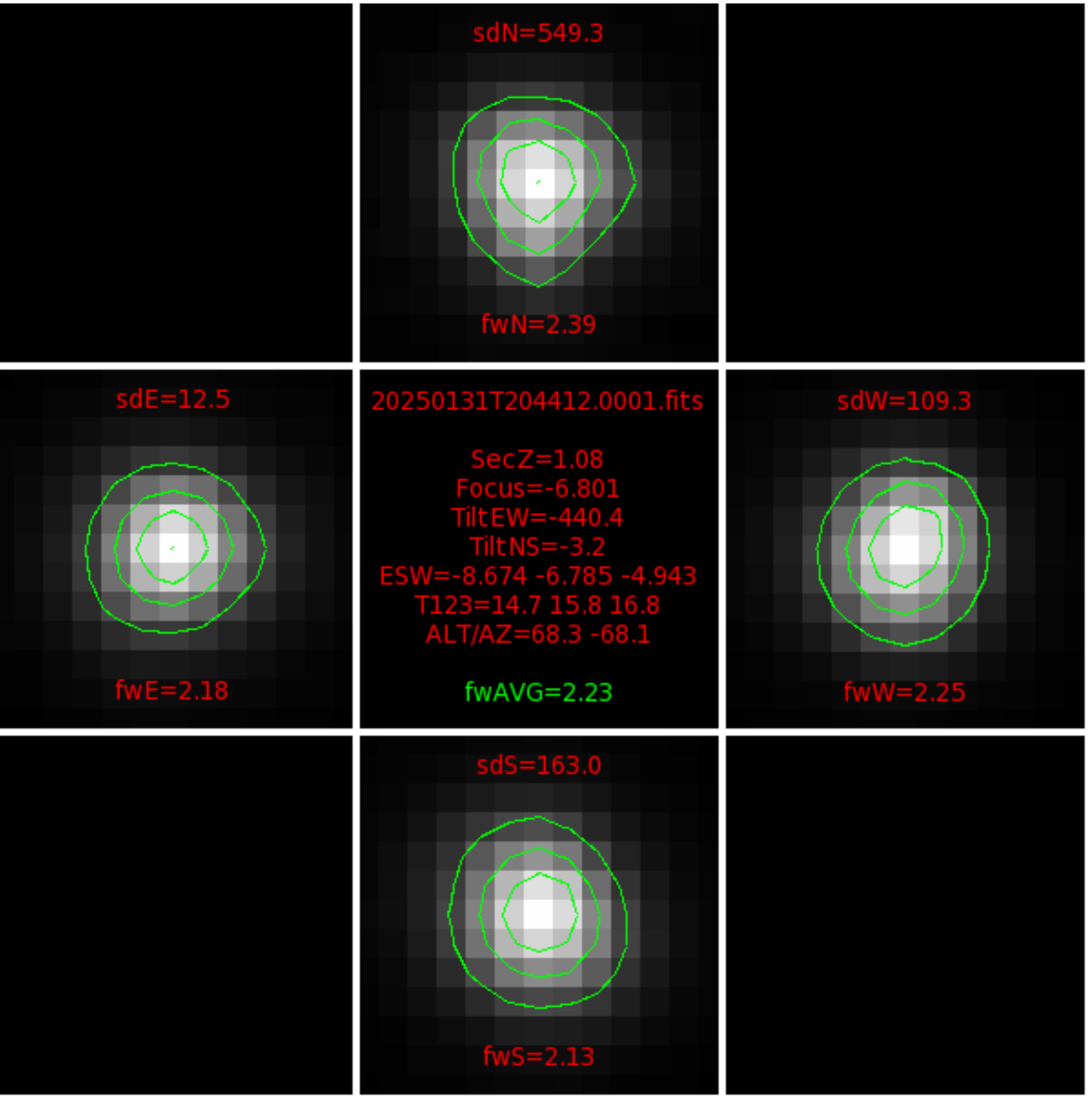

sdN=594.7
fwN=2.42
sdE=30.3
fwE=2.13
20250131T204341.0001.fits
SecZ=1.08
Focus=-6.801
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.674 -6.785 -4.943
T123=14.7 15.8 16.8
ALT/AZ=68.4 -68.1
fwAVG=2.27
sdW=64.5
fwW=2.33
sdS=516.9
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=549.3
fwN=2.39
sdE=12.5
fwE=2.18
20250131T204412.0001.fits
SecZ=1.08
Focus=-6.801
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.674 -6.785 -4.943
T123=14.7 15.8 16.8
ALT/AZ=68.3 -68.1
fwAVG=2.23
sdW=109.3
fwW=2.25
sdS=163.0
fwS=2.13
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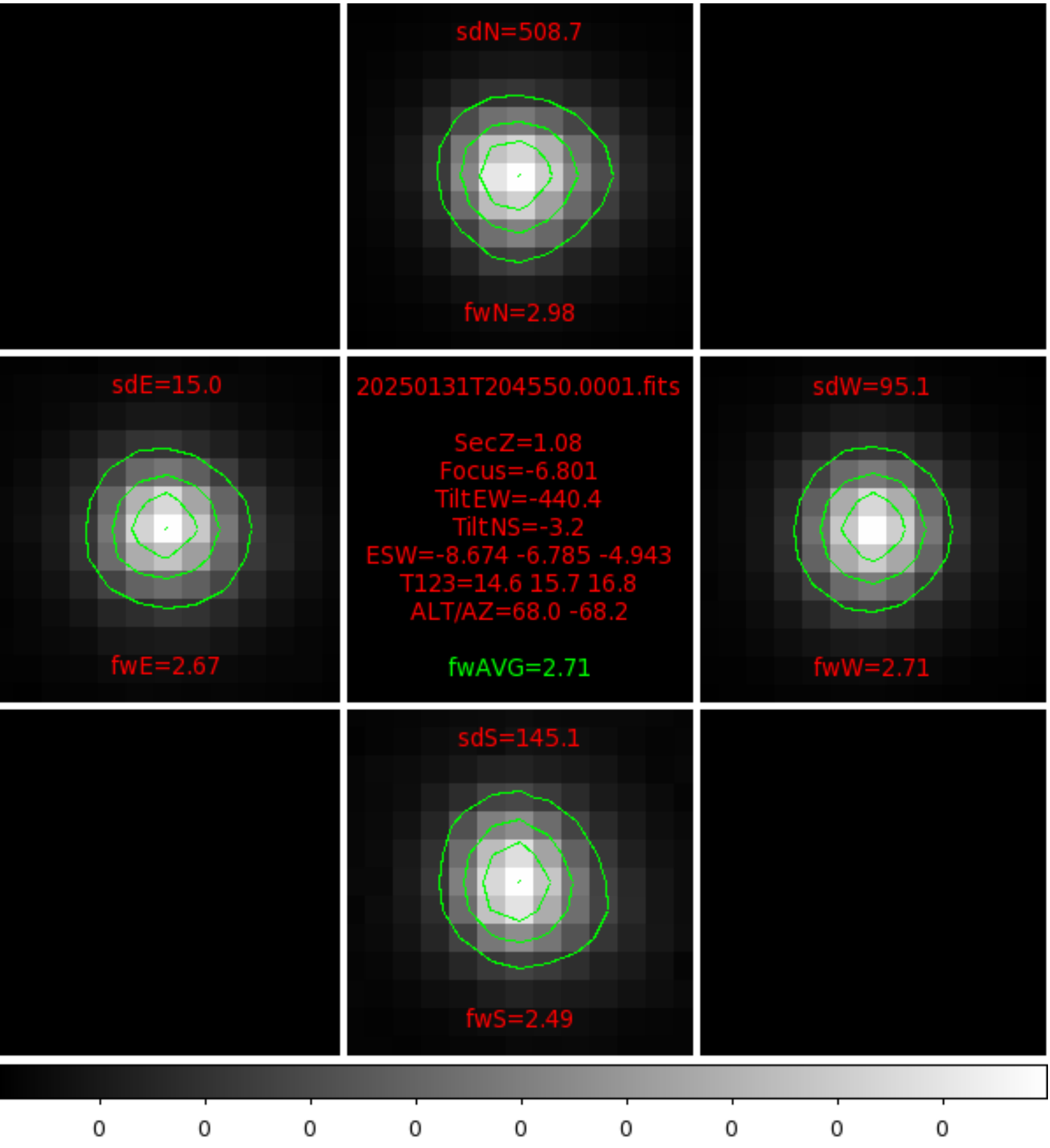
sdN=508.7
fwN=2.98
sdE=15.0
fwE=2.67
20250131T204550.0001.fits
SecZ=1.08
Focus=-6.801
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.674 -6.785 -4.943
T123=14.6 15.7 16.8
ALT/AZ=68.0 -68.2
fwAVG=2.71
sdW=95.1
fwW=2.71
sdS=145.1
fwS=2.49
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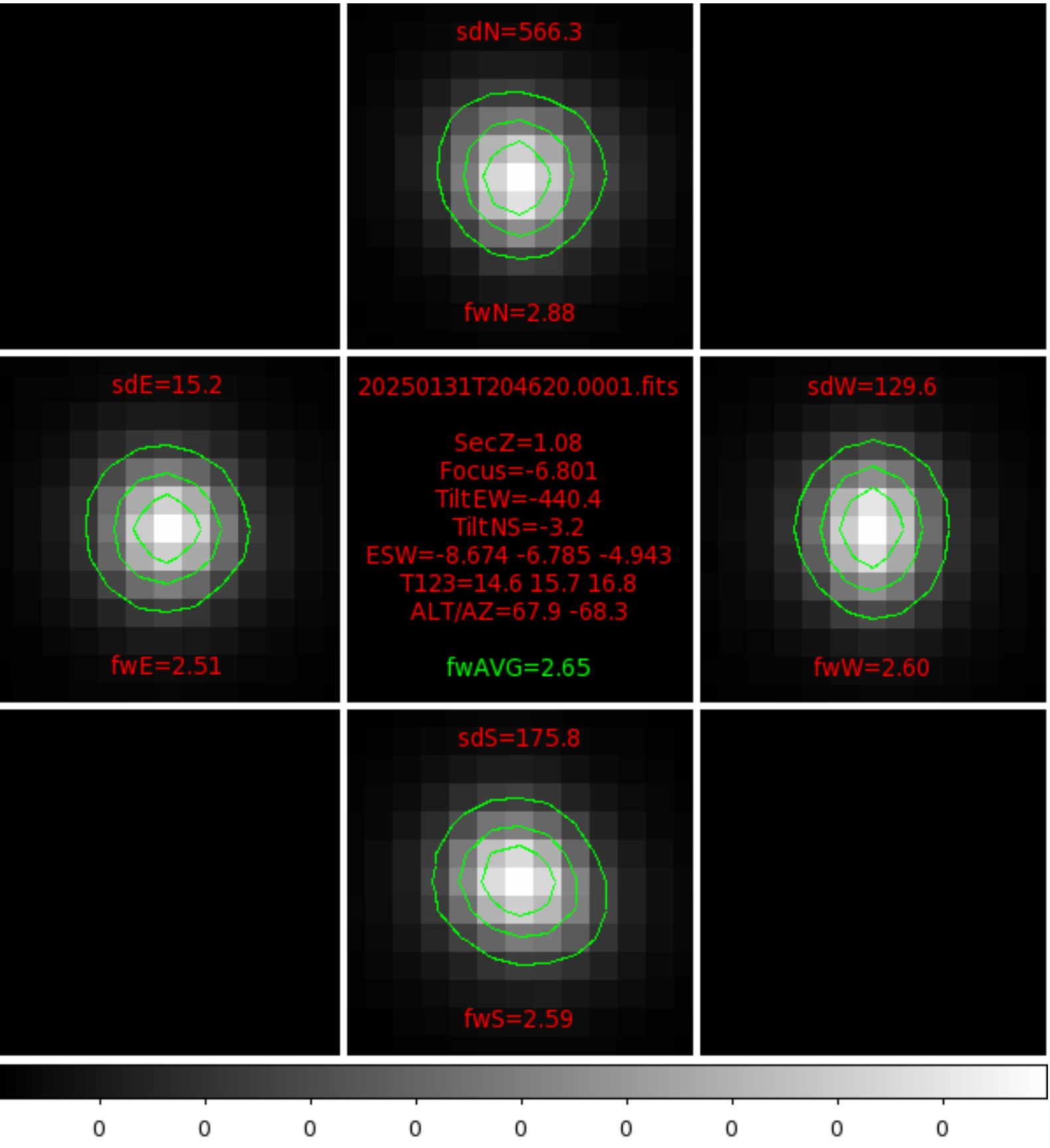
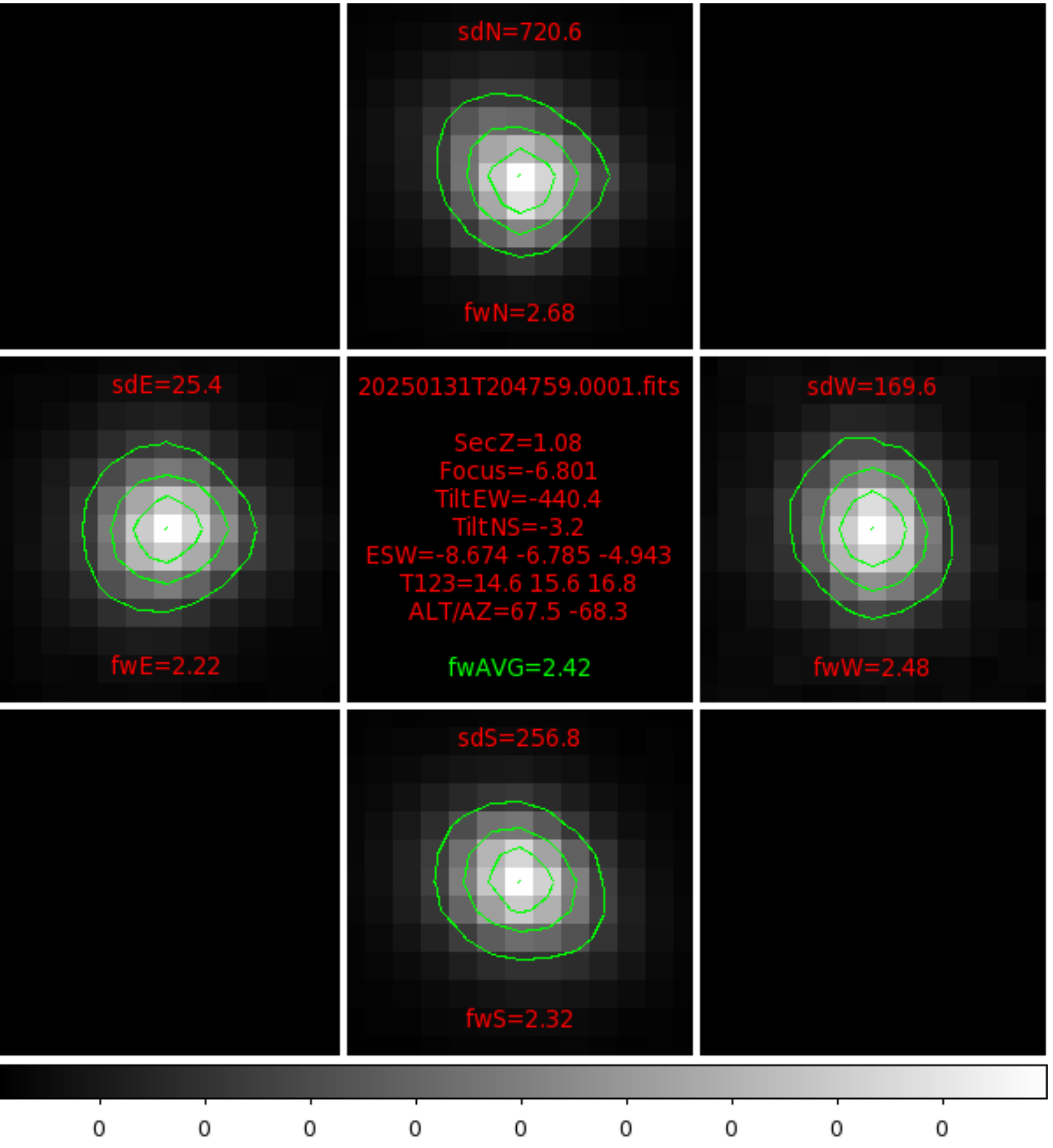
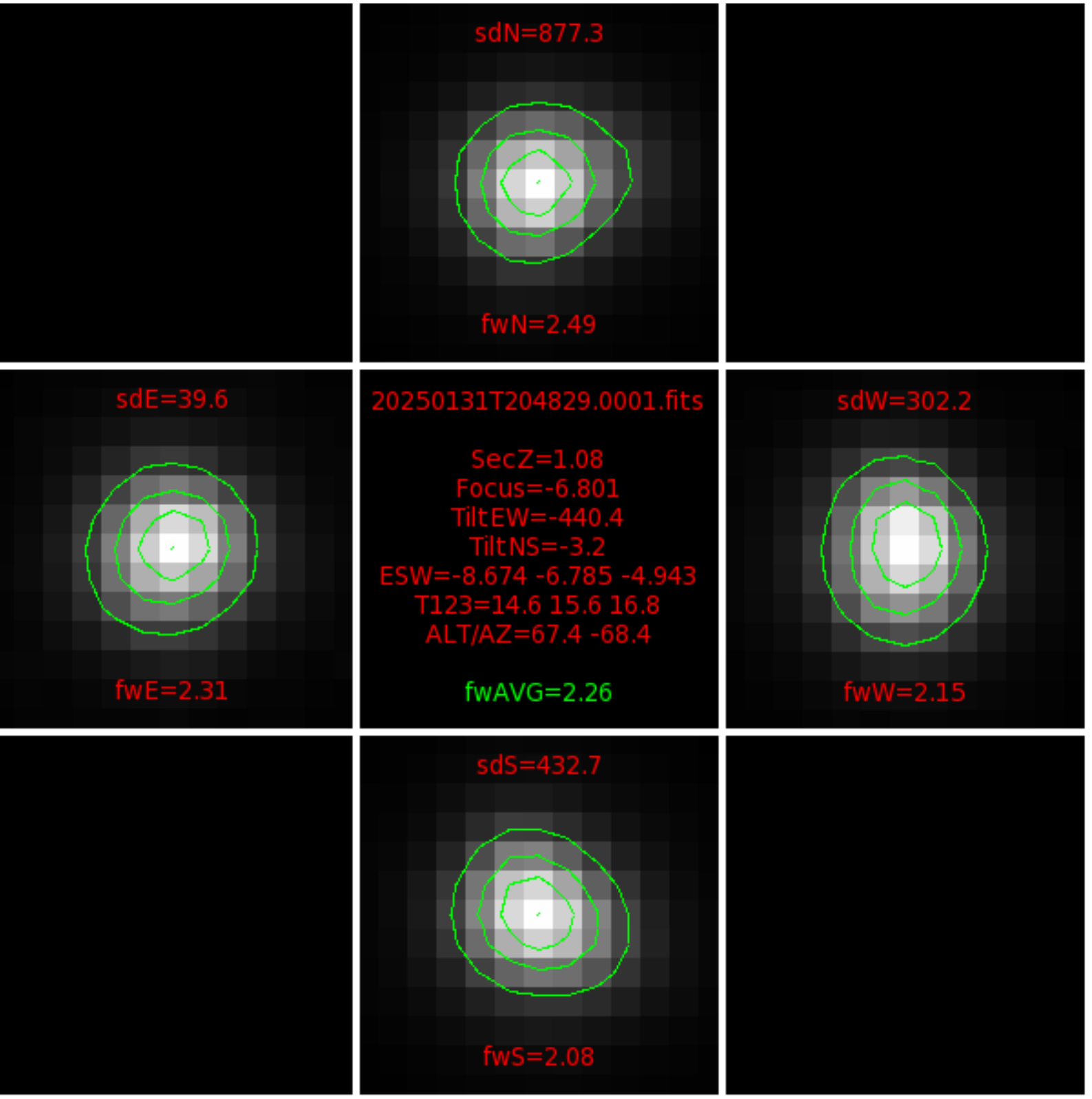

sdN=566.3
fwN=2.88
sdE=15.2
fwE=2.51
20250131T204620.0001.fits
SecZ=1.08
Focus=-6.801
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.674 -6.785 -4.943
T123=14.6 15.7 16.8
ALT/AZ=67.9 -68.3
fwAVG=2.65
sdW=129.6
fwW=2.60
sdS=175.8
fwS=2.59
0 0 0 0 0 0 0 0 0


sdN=720.6
fwN=2.68
sdE=25.4
fwE=2.22
20250131T204759.0001.fits
SecZ=1.08
Focus=-6.801
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.674 -6.785 -4.943
T123=14.6 15.6 16.8
ALT/AZ=67.5 -68.3
fwAVG=2.42
sdW=169.6
fwW=2.48
sdS=256.8
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=877.3
fwN=2.49
sdE=39.6
fwE=2.31
20250131T204829.0001.fits
SecZ=1.08
Focus=-6.801
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.674 -6.785 -4.943
T123=14.6 15.6 16.8
ALT/AZ=67.4 -68.4
fwAVG=2.26
sdW=302.2
fwW=2.15
sdS=432.7
fwS=2.08
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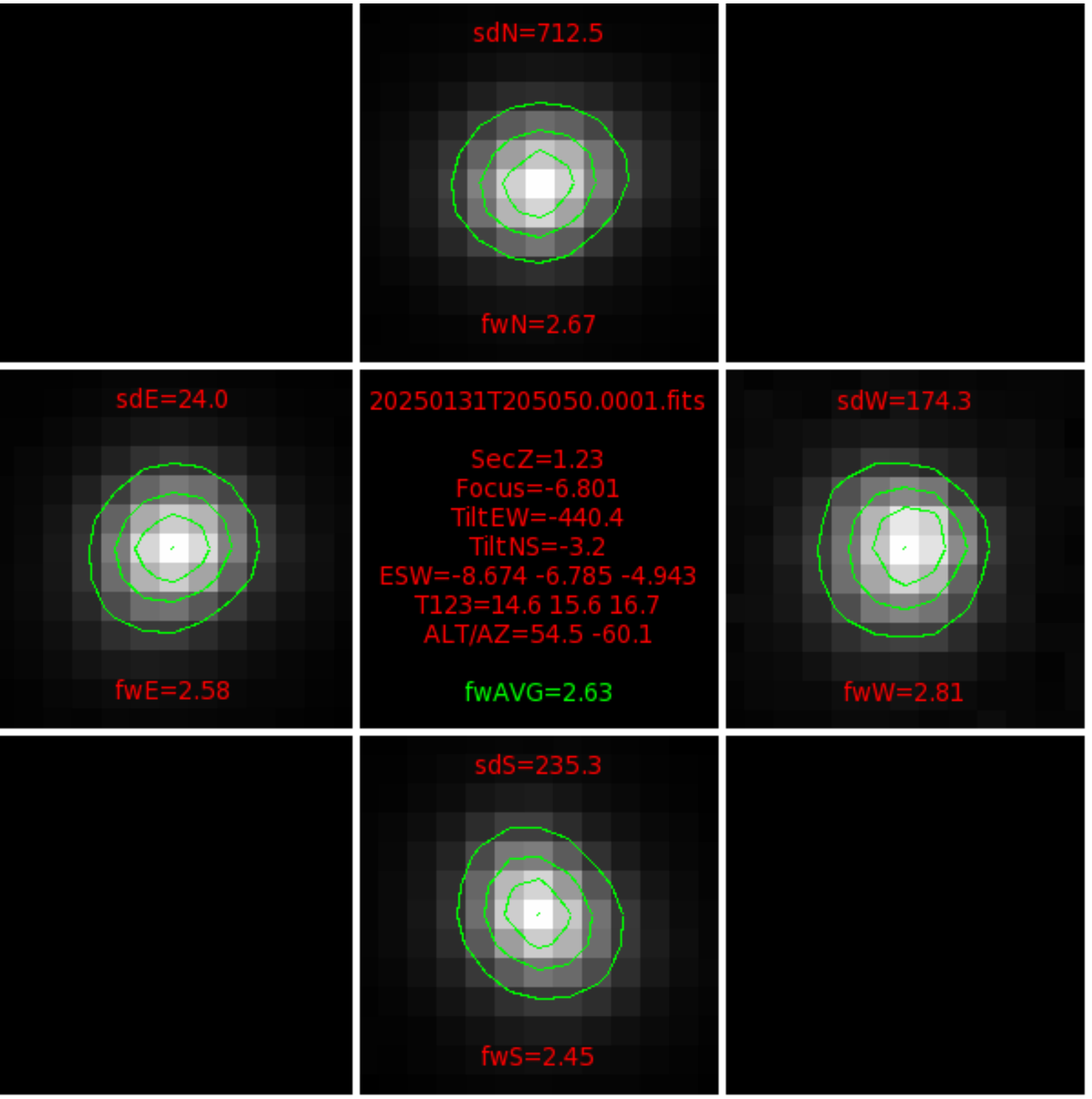
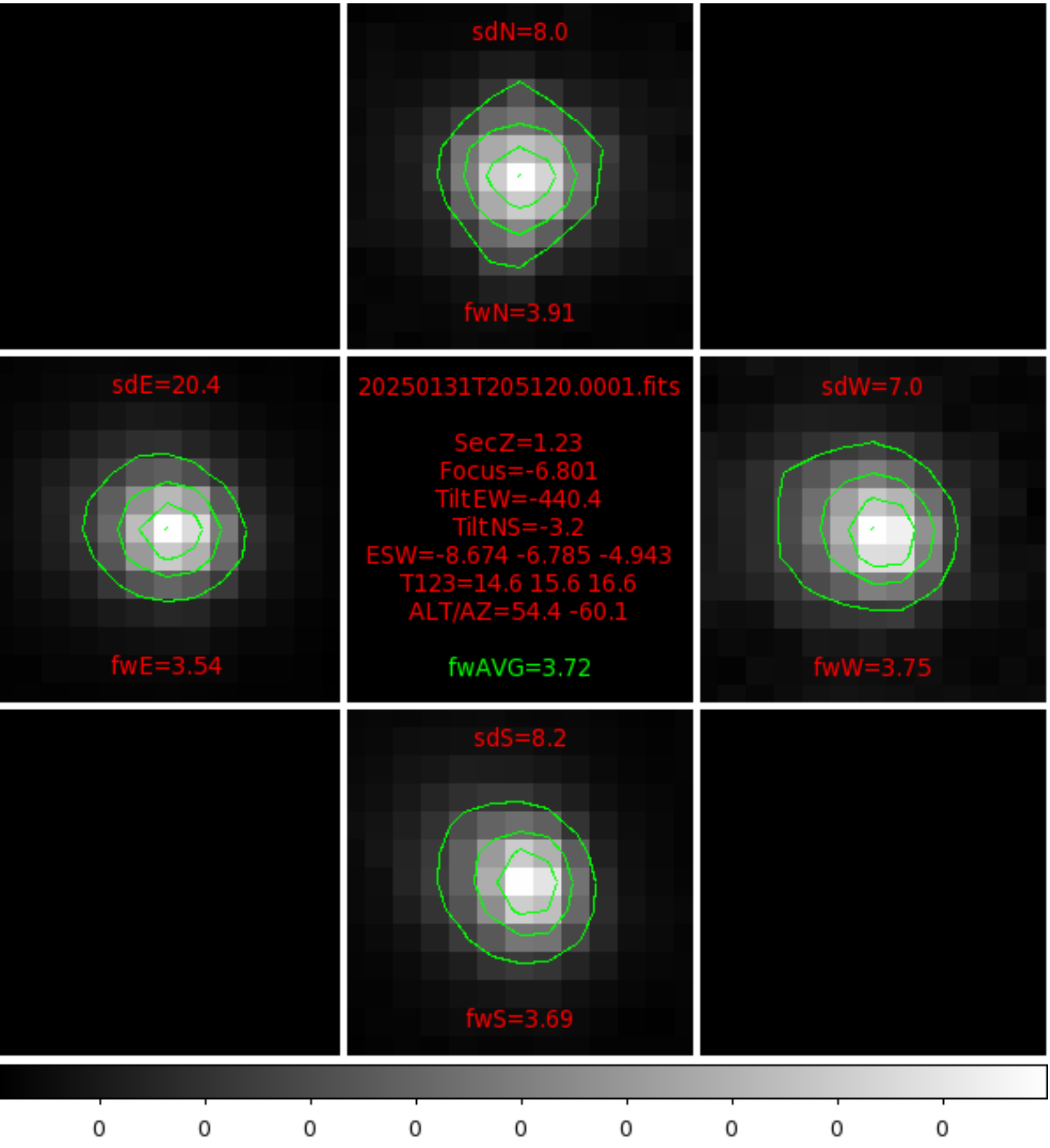

sdN=712.5
fwN=2.67
sdE=24.0
fwE=2.58
20250131T205050.0001.fits
SecZ=1.23
Focus=-6.801
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.674 -6.785 -4.943
T123=14.6 15.6 16.7
ALT/AZ=54.5 -60.1
fwAVG=2.63
sdW=174.3
fwW=2.81
sdS=235.3
fwS=2.45
0 0 0 0 0 0 0 0 0


sdN=8.0
fwN=3.91
sdE=20.4
fwE=3.54
20250131T205120.0001.fits
SecZ=1.23
Focus=-6.801
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.674 -6.785 -4.943
T123=14.6 15.6 16.6
ALT/AZ=54.4 -60.1
fwAVG=3.72
sdW=7.0
fwW=3.75
sdS=8.2
fwS=3.69
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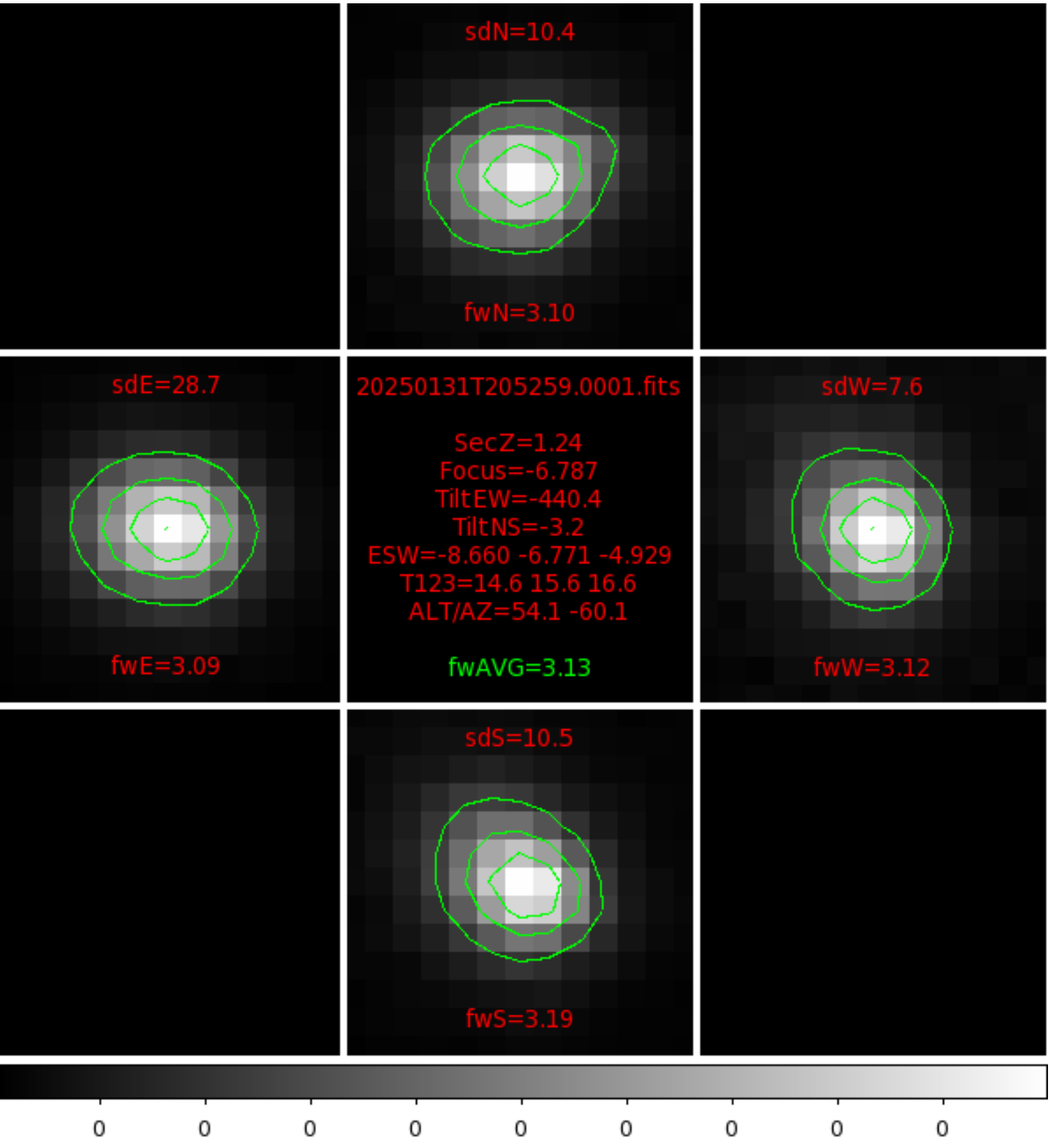
sdN=10.4
fwN=3.10
sdE=28.7
fwE=3.09
20250131T205259.0001.fits
SecZ=1.24
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.6 15.6 16.6
ALT/AZ=54.1 -60.1
fwAVG=3.13
sdW=7.6
fwW=3.12
sdS=10.5
fwS=3.19
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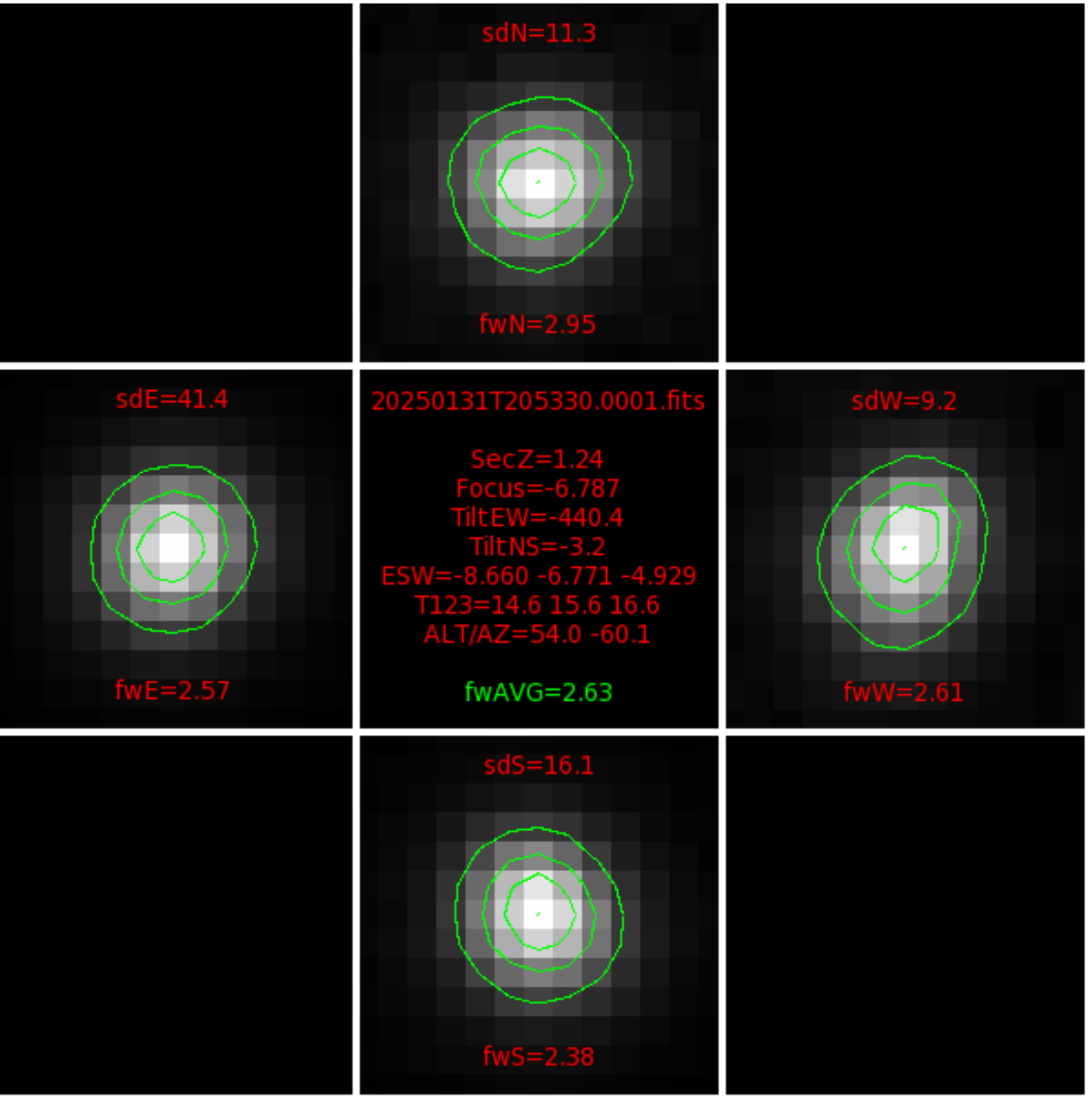
sdN=11.3
fwN=2.95
sdE=41.4
fwE=2.57
20250131T205330.0001.fits
SecZ=1.24
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.6 15.6 16.6
ALT/AZ=54.0 -60.1
fwAVG=2.63
sdW=9.2
fwW=2.61
sdS=16.1
fwS=2.38
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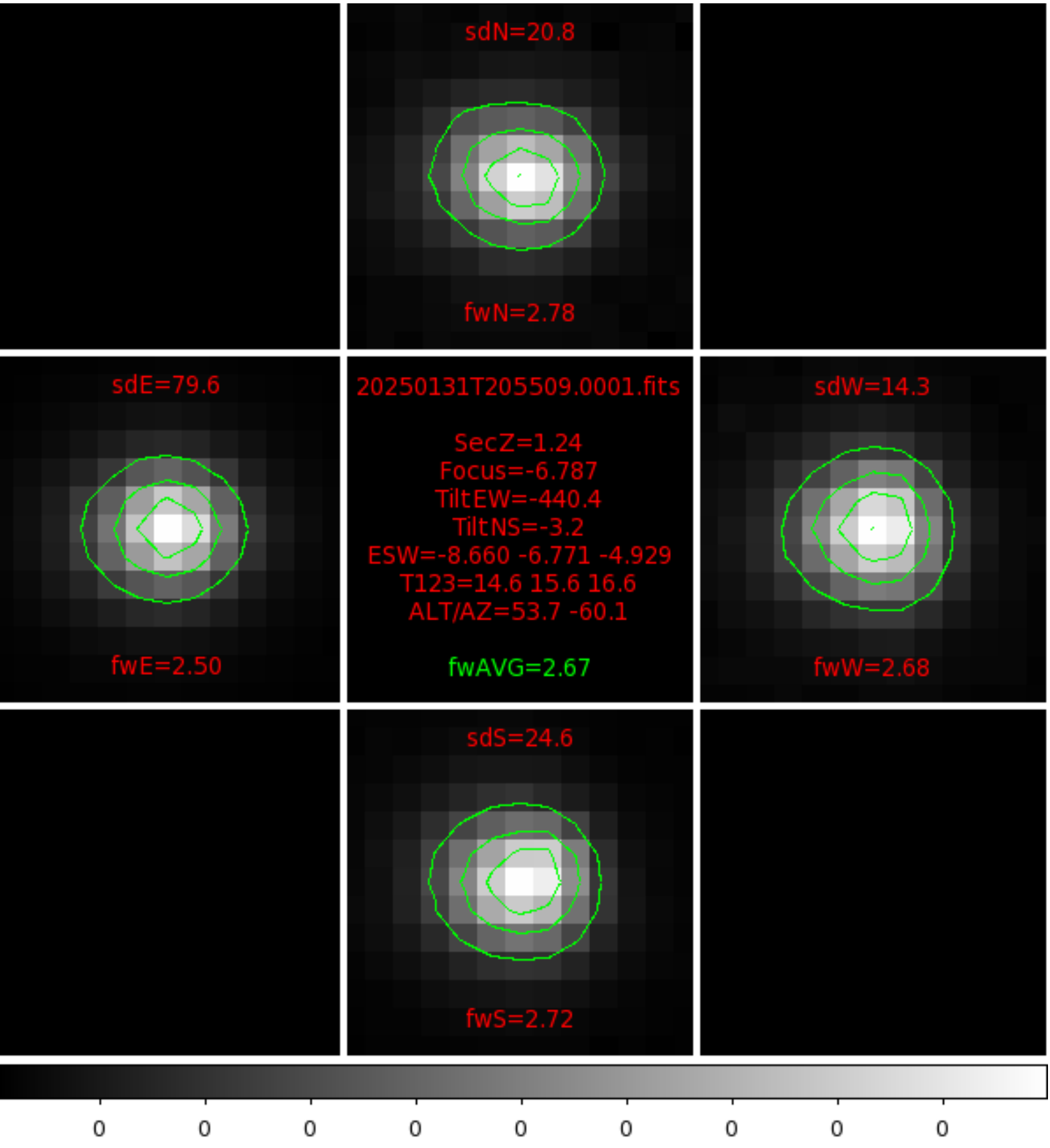
sdN=20.8
fwN=2.78
sdE=79.6
fwE=2.50
20250131T205509.0001.fits
SecZ=1.24
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.6 15.6 16.6
ALT/AZ=53.7 -60.1
fwAVG=2.67
sdW=14.3
fwW=2.68
sdS=24.6
fwS=2.72
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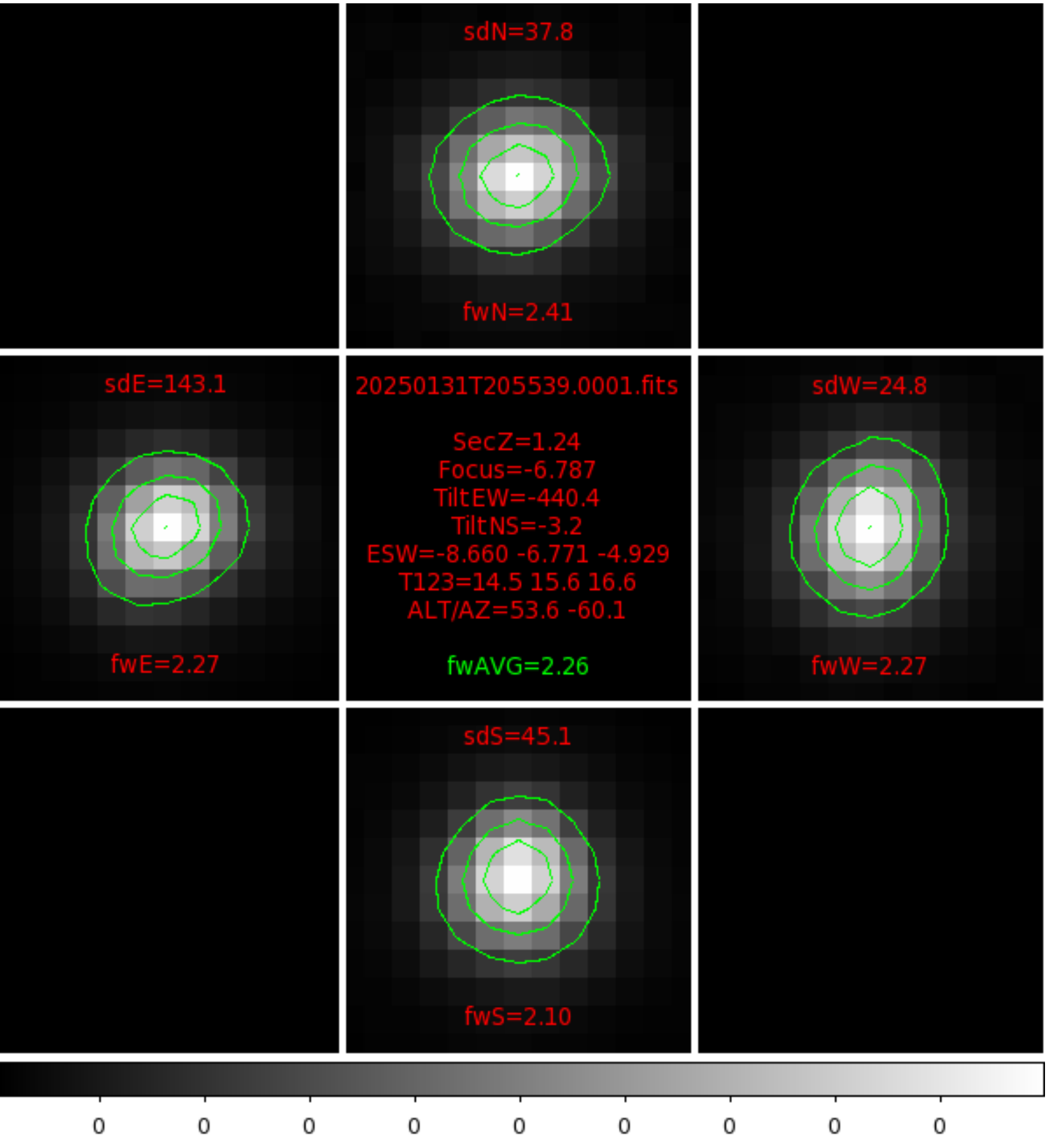
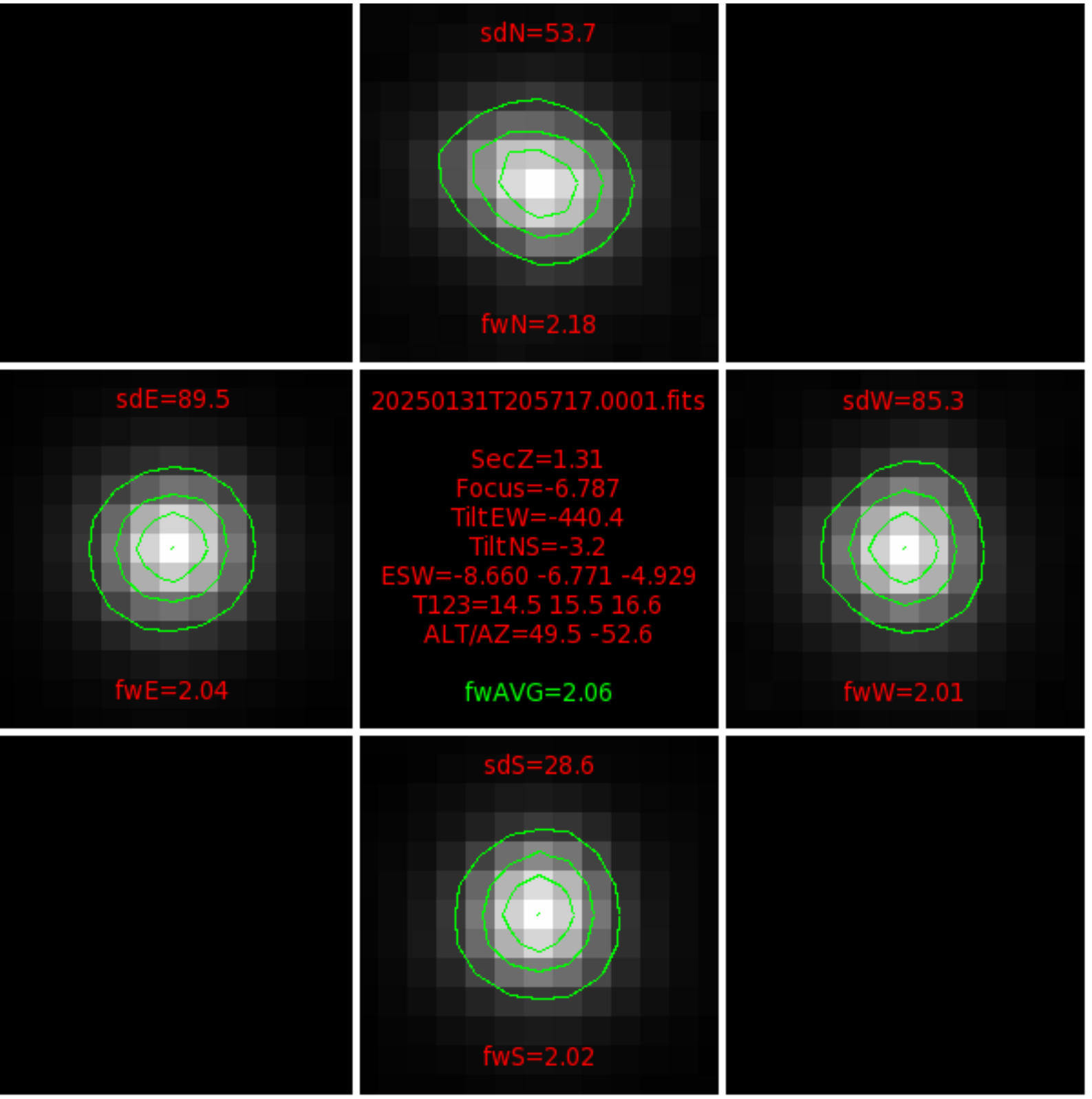

sdN=37.8
fwN=2.41
sdE=143.1
fwE=2.27
20250131T205539.0001.fits
SecZ=1.24
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.5 15.6 16.6
ALT/AZ=53.6 -60.1
fwAVG=2.26
sdW=24.8
fwW=2.27
sdS=45.1
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=53.7
fwN=2.18
sdE=89.5
fwE=2.04
20250131T205717.0001.fits
SecZ=1.31
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.5 15.5 16.6
ALT/AZ=49.5 -52.6
fwAVG=2.06
sdW=85.3
fwW=2.01
sdS=28.6
fwS=2.02
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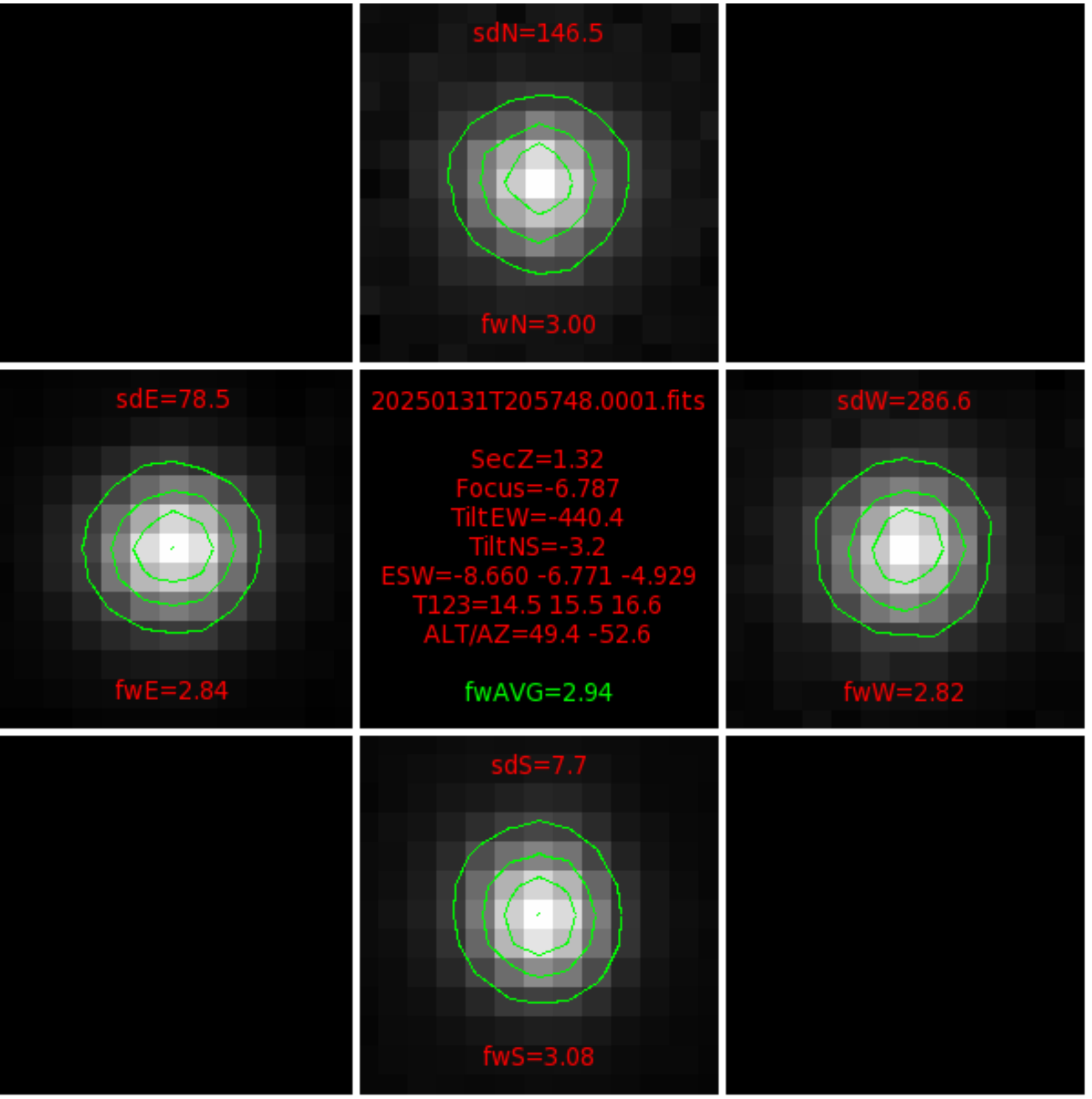
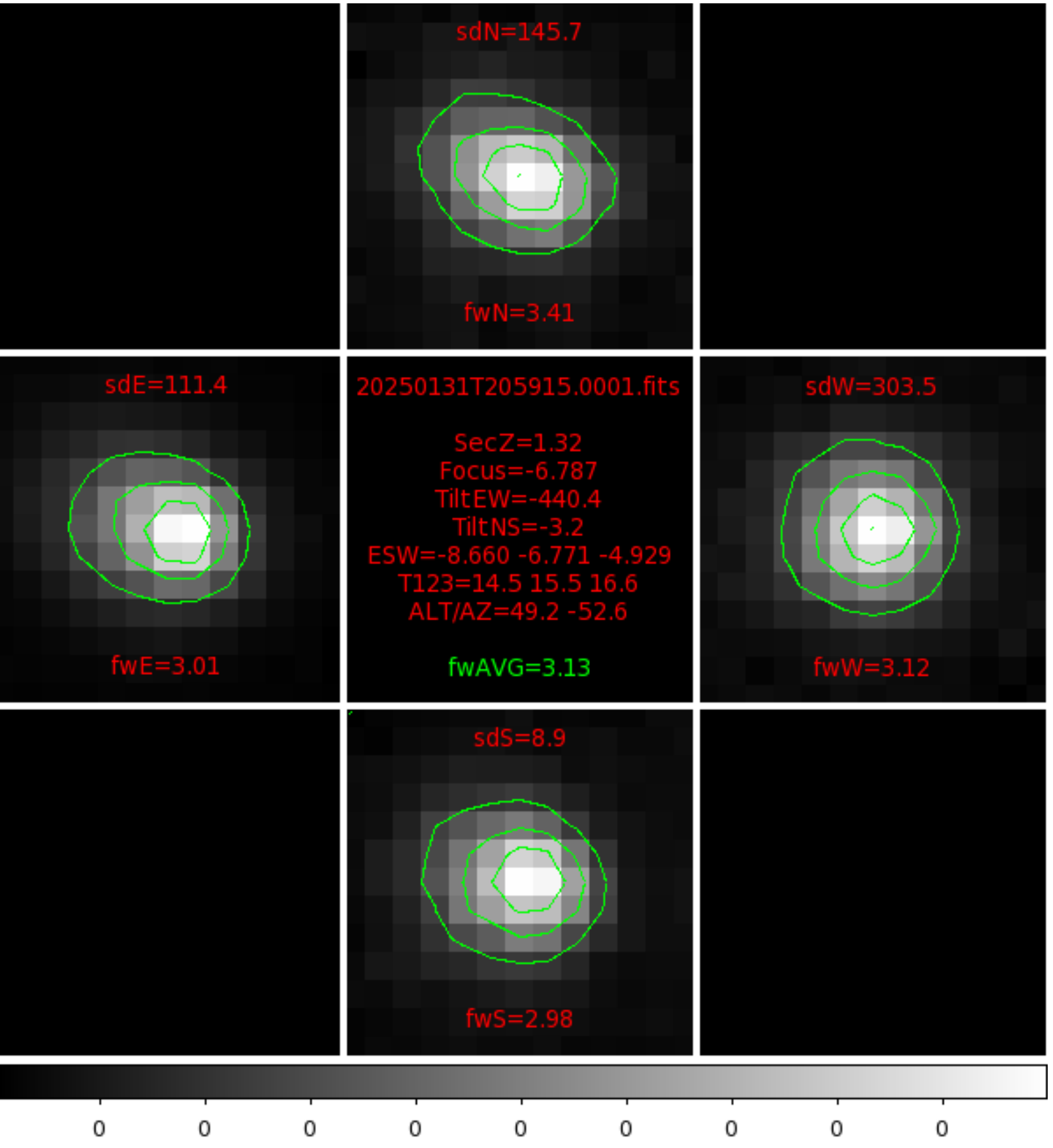

sdN=146.5
fwN=3.00
sdE=78.5
fwE=2.84
20250131T205748.0001.fits
SecZ=1.32
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.5 15.5 16.6
ALT/AZ=49.4 -52.6
fwAVG=2.94
sdW=286.6
fwW=2.82
sdS=7.7
fwS=3.08
0 0 0 0 0 0 0 0 0


sdN=145.7
fwN=3.41
sdE=111.4
fwE=3.01
20250131T205915.0001.fits
SecZ=1.32
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.5 15.5 16.6
ALT/AZ=49.2 -52.6
fwAVG=3.13
sdW=303.5
fwW=3.12
sdS=8.9
fwS=2.98
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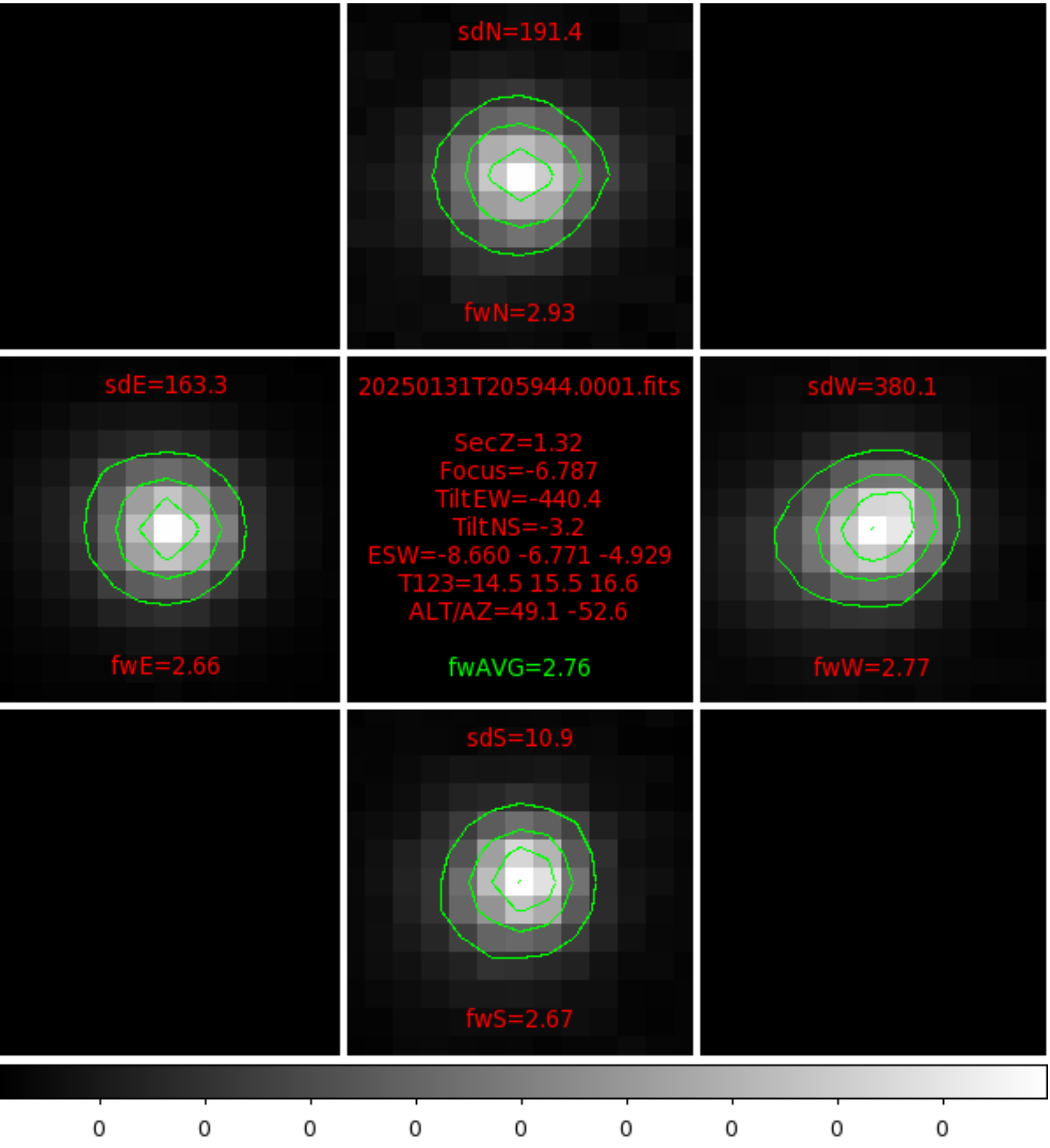
sdN=191.4
fwN=2.93
sdE=163.3
fwE=2.66
20250131T205944.0001.fits
SecZ=1.32
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.5 15.5 16.6
ALT/AZ=49.1 -52.6
fwAVG=2.76
sdW=380.1
fwW=2.77
sdS=10.9
fwS=2.67
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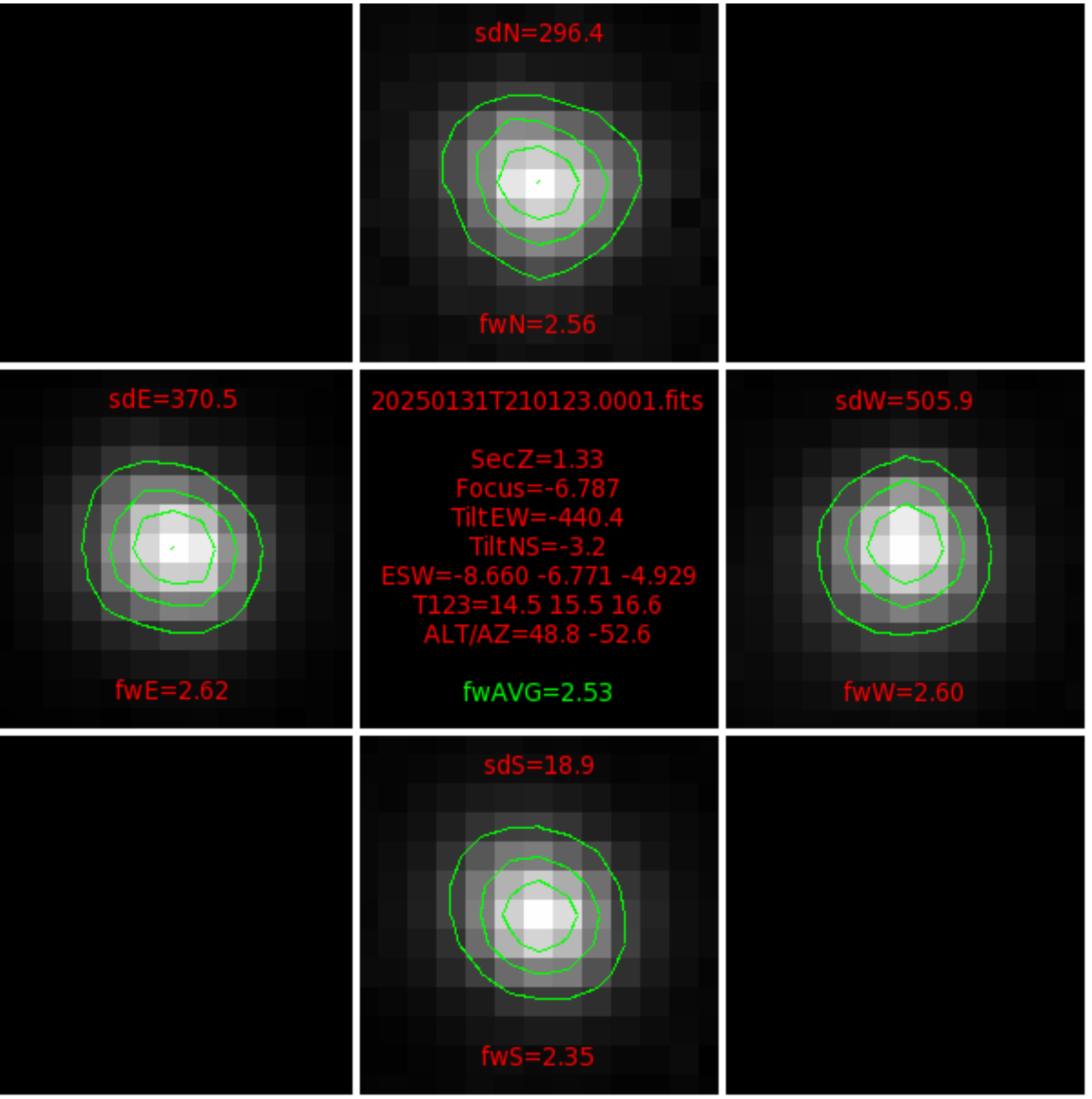
sdN=296.4
fwN=2.56
sdE=370.5
fwE=2.62
20250131T210123.0001.fits
SecZ=1.33
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.5 15.5 16.6
ALT/AZ=48.8 -52.6
fwAVG=2.53
sdW=505.9
fwW=2.60
sdS=18.9
fwS=2.35
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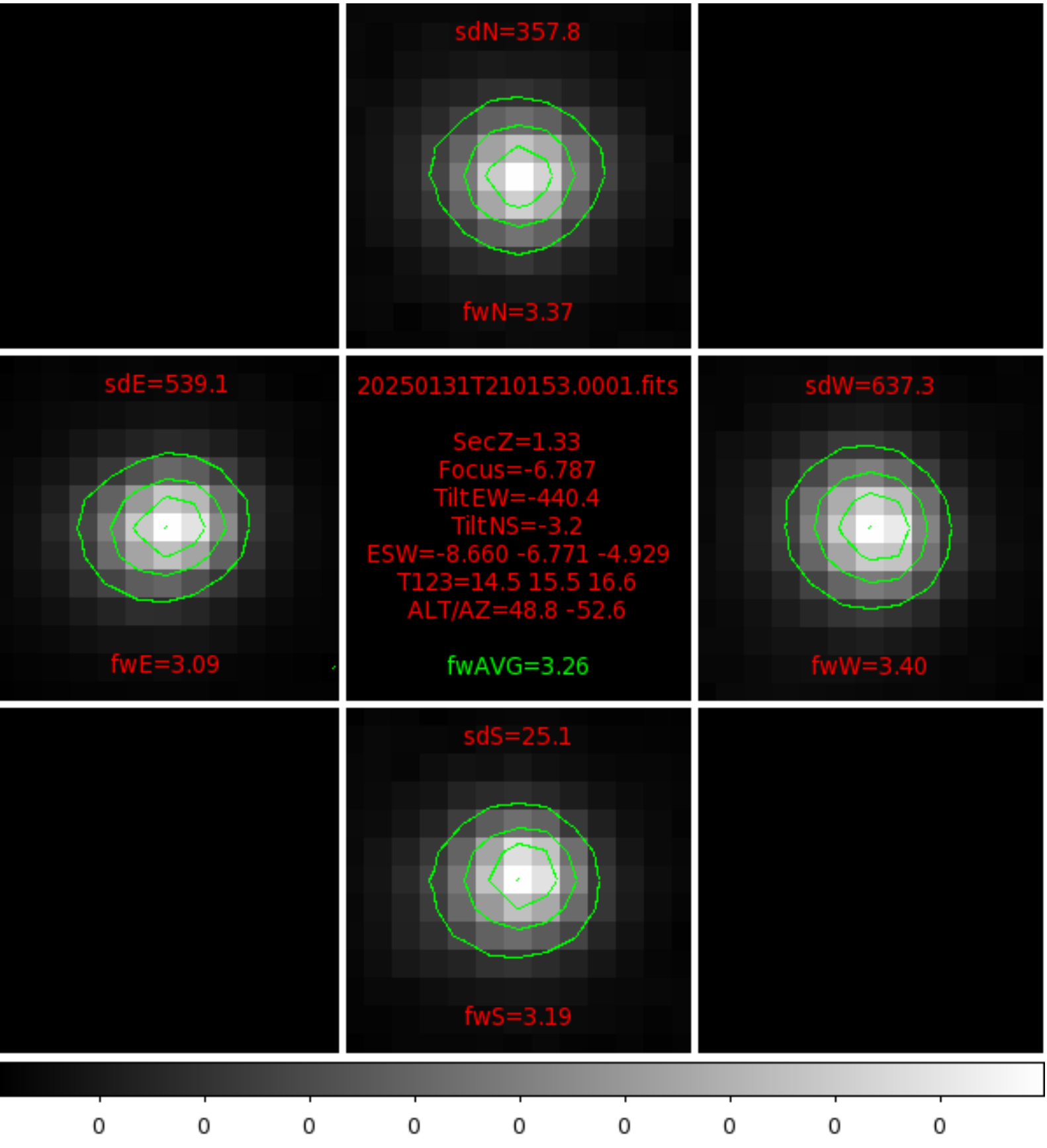
sdN=357.8
fwN=3.37
sdE=539.1
fwE=3.09
20250131T210153.0001.fits
SecZ=1.33
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.5 15.5 16.6
ALT/AZ=48.8 -52.6
fwAVG=3.26
sdW=637.3
fwW=3.40
sdS=25.1
fwS=3.19
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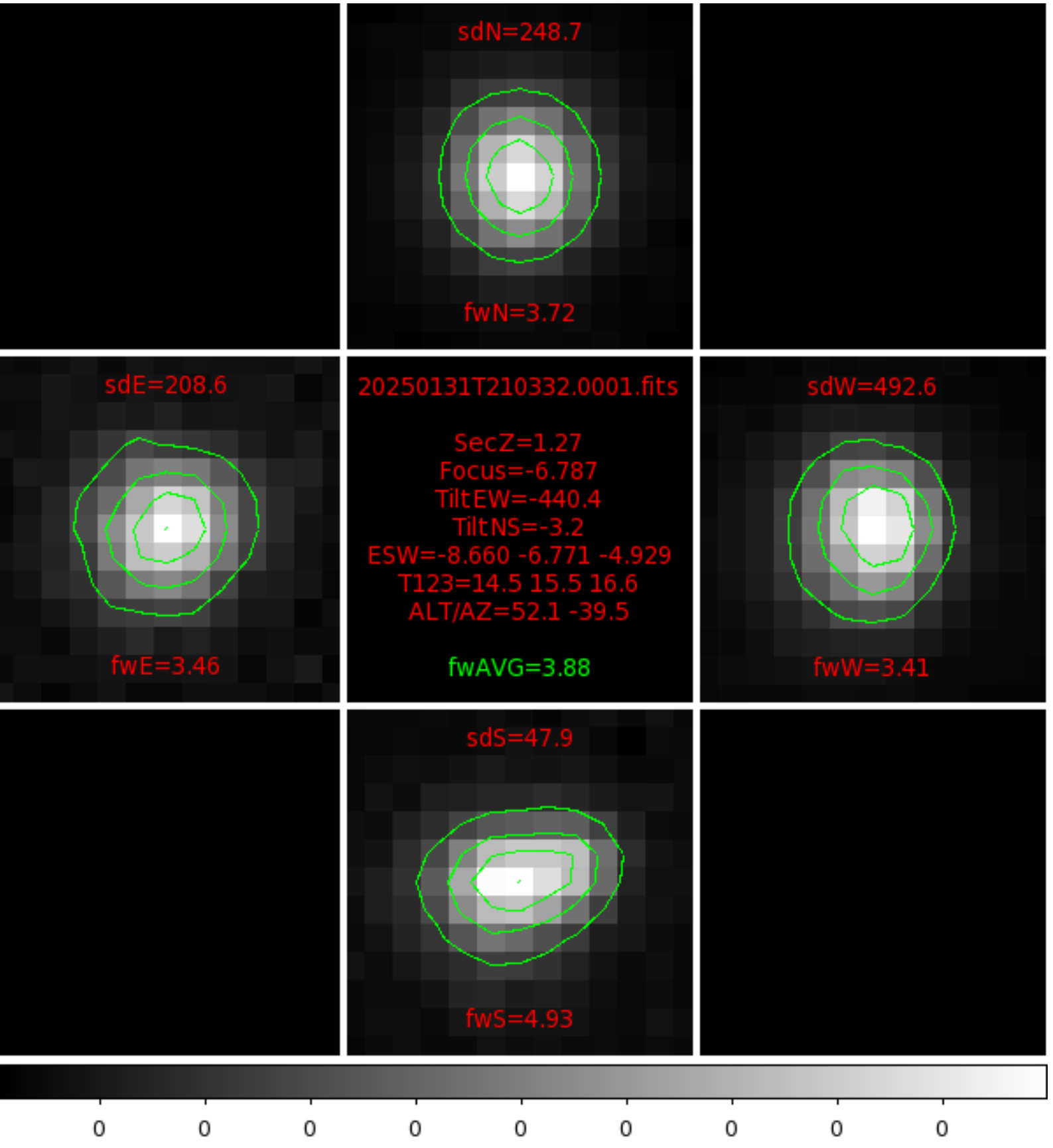
sdN=248.7
fwN=3.72
sdE=208.6
fwE=3.46
20250131T210332.0001.fits
SecZ=1.27
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.5 15.5 16.6
ALT/AZ=52.1 -39.5
fwAVG=3.88
sdW=492.6
fwW=3.41
sdS=47.9
fwS=4.93
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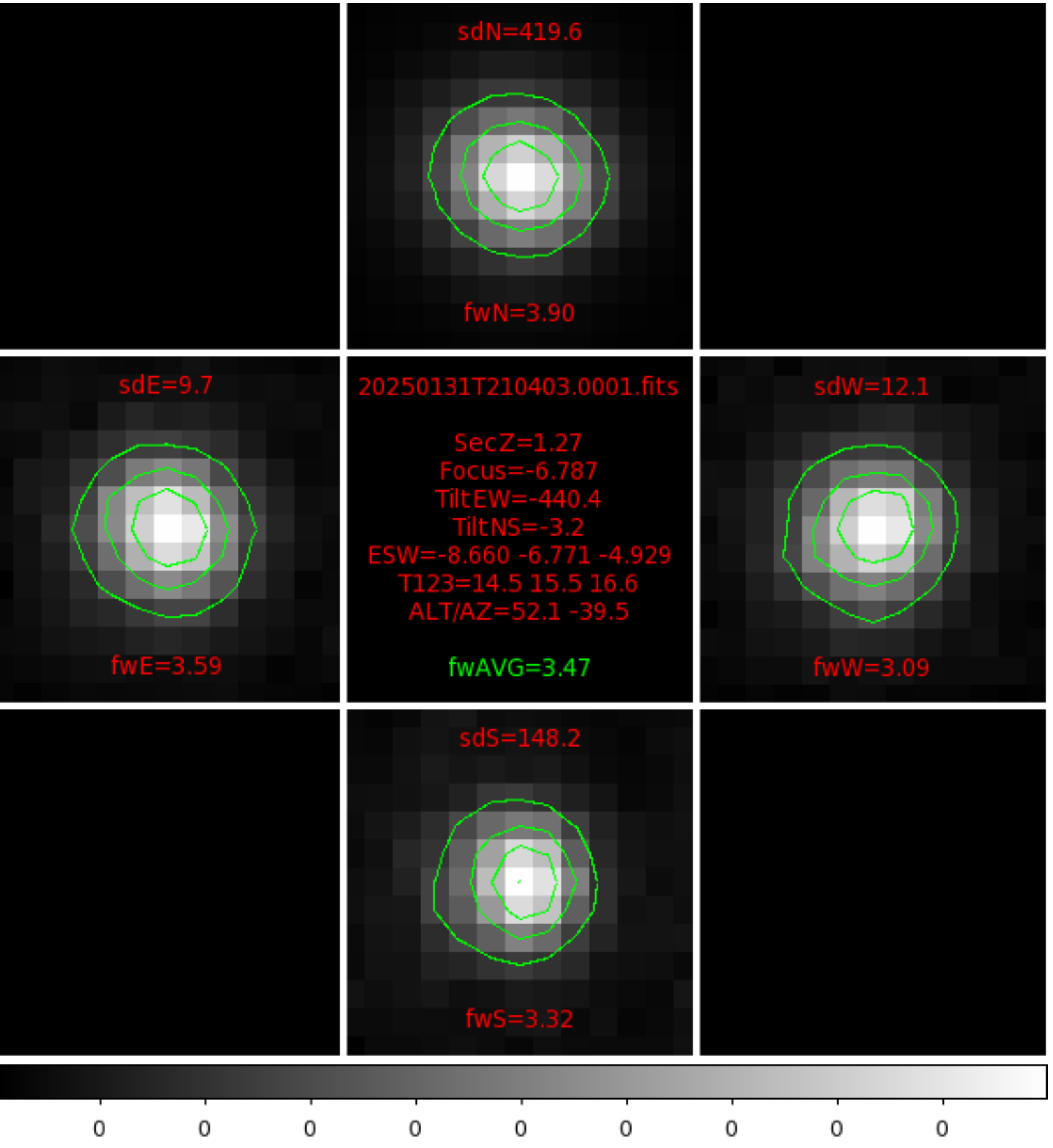
sdN=419.6
fwN=3.90
sdE=9.7
fwE=3.59
20250131T210403.0001.fits
SecZ=1.27
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.5 15.5 16.6
ALT/AZ=52.1 -39.5
fwAVG=3.47
sdW=12.1
fwW=3.09
sdS=148.2
fwS=3.32
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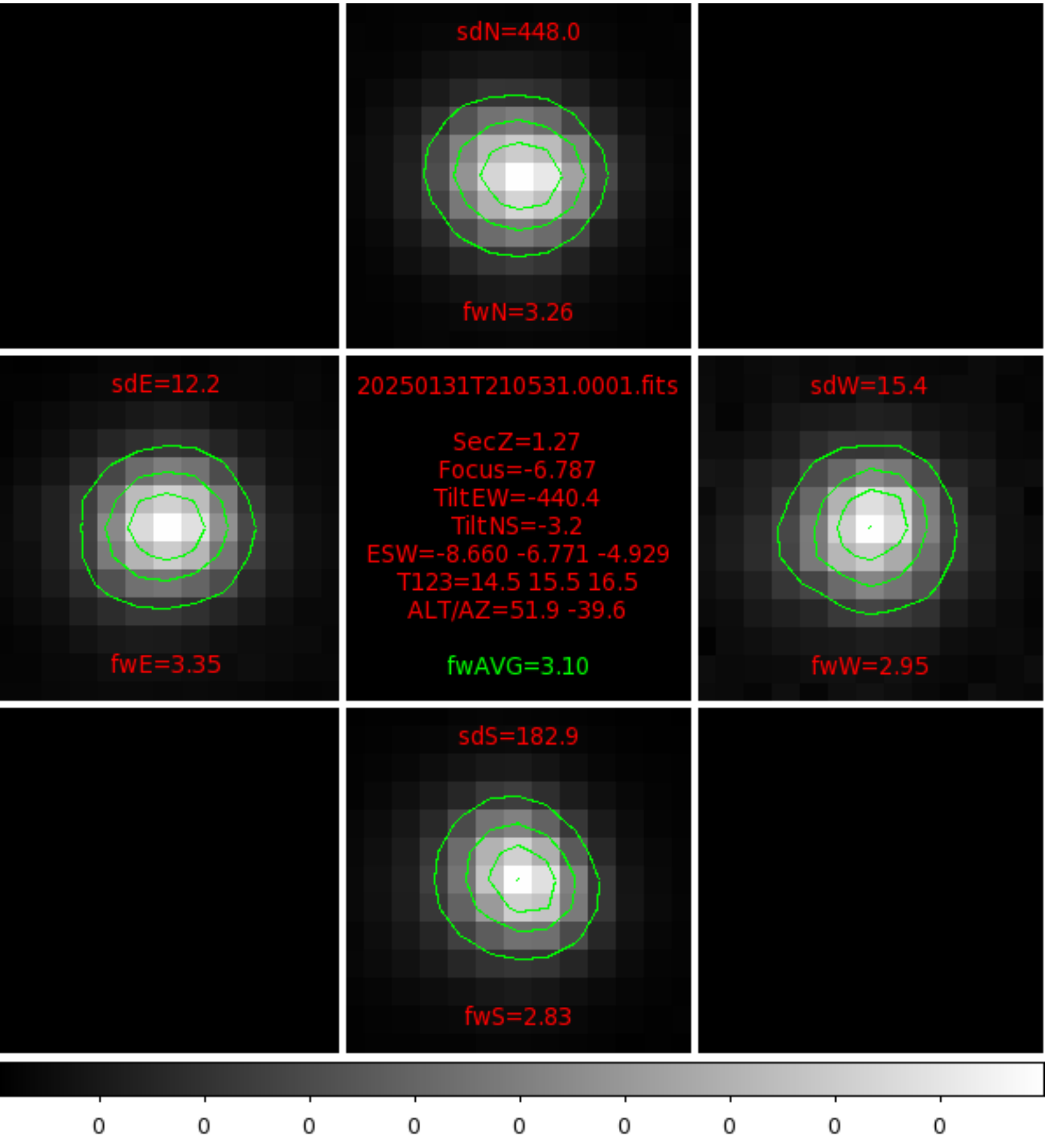
sdN=448.0
fwN=3.26
sdE=12.2
fwE=3.35
20250131T210531.0001.fits
SecZ=1.27
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.5 15.5 16.5
ALT/AZ=51.9 -39.6
fwAVG=3.10
sdW=15.4
fwW=2.95
sdS=182.9
fwS=2.83
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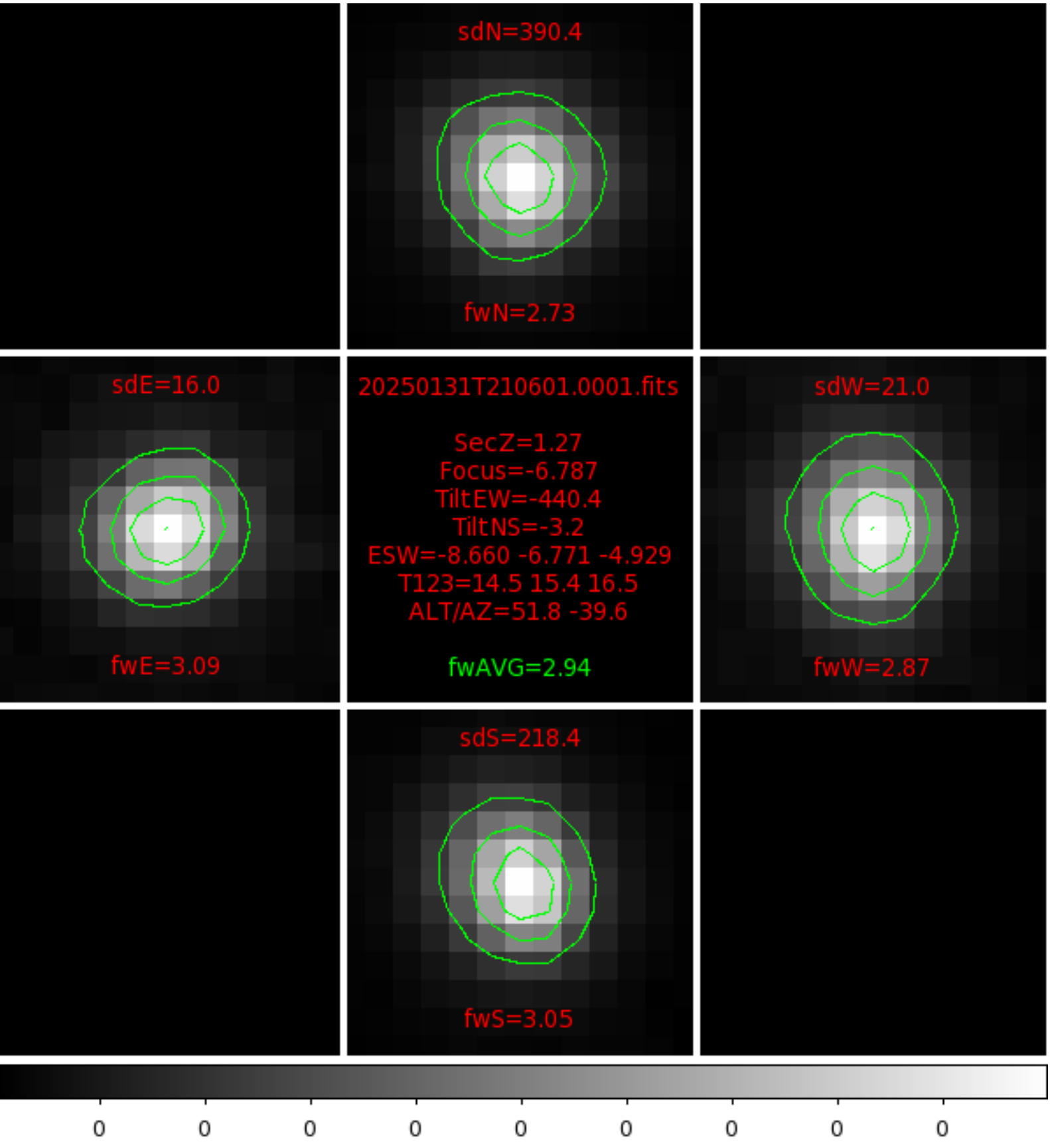
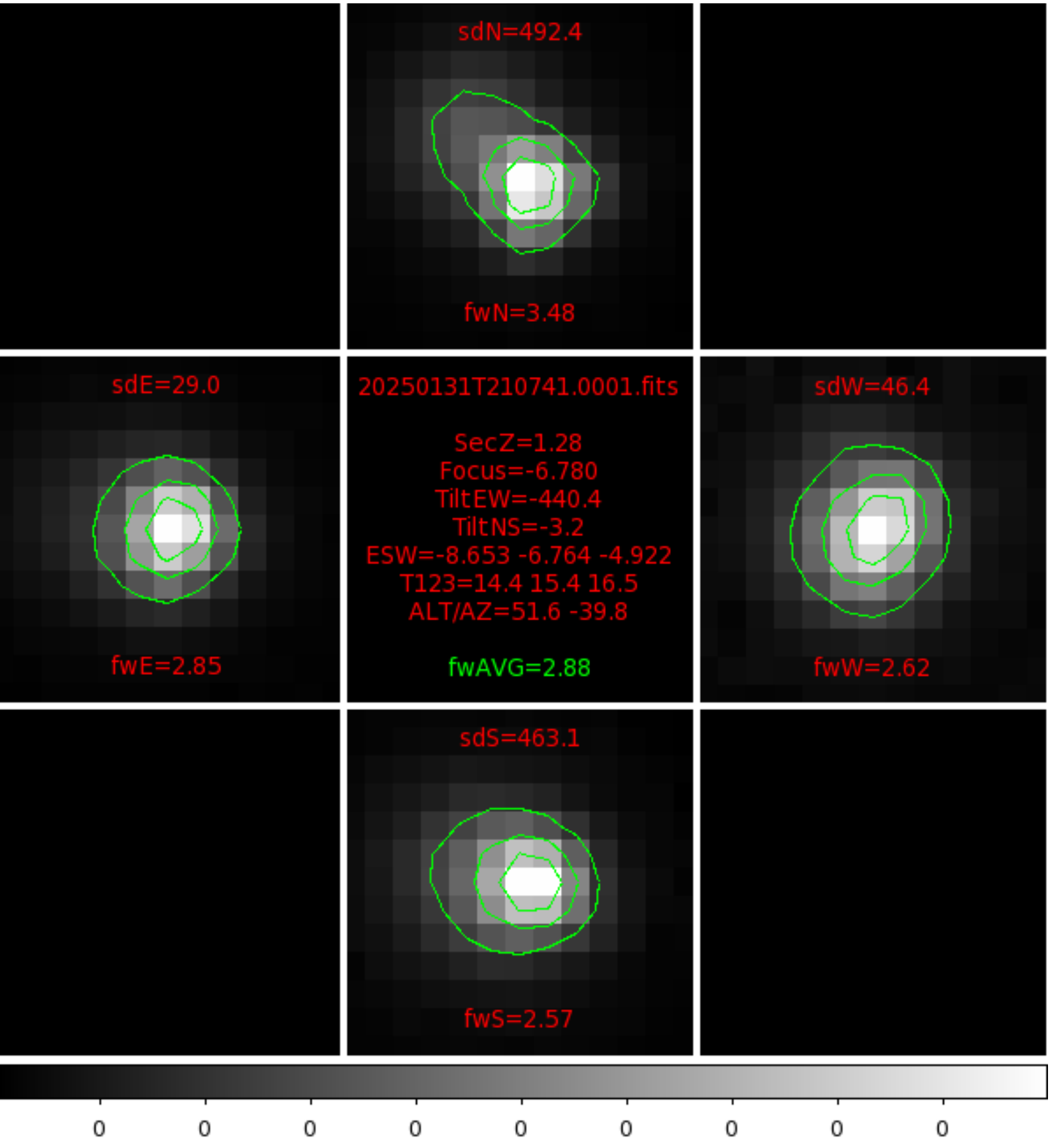

sdN=390.4
fwN=2.73
sdE=16.0
fwE=3.09
20250131T210601.0001.fits
SecZ=1.27
Focus=-6.787
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.660 -6.771 -4.929
T123=14.5 15.4 16.5
ALT/AZ=51.8 -39.6
fwAVG=2.94
sdW=21.0
fwW=2.87
sdS=218.4
fwS=3.05
0 0 0 0 0 0 0 0 0


sdN=492.4
fwN=3.48
sdE=29.0
fwE=2.85
20250131T210741.0001.fits
SecZ=1.28
Focus=-6.780
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.653 -6.764 -4.922
T123=14.4 15.4 16.5
ALT/AZ=51.6 -39.8
fwAVG=2.88
sdW=46.4
fwW=2.62
sdS=463.1
fwS=2.57
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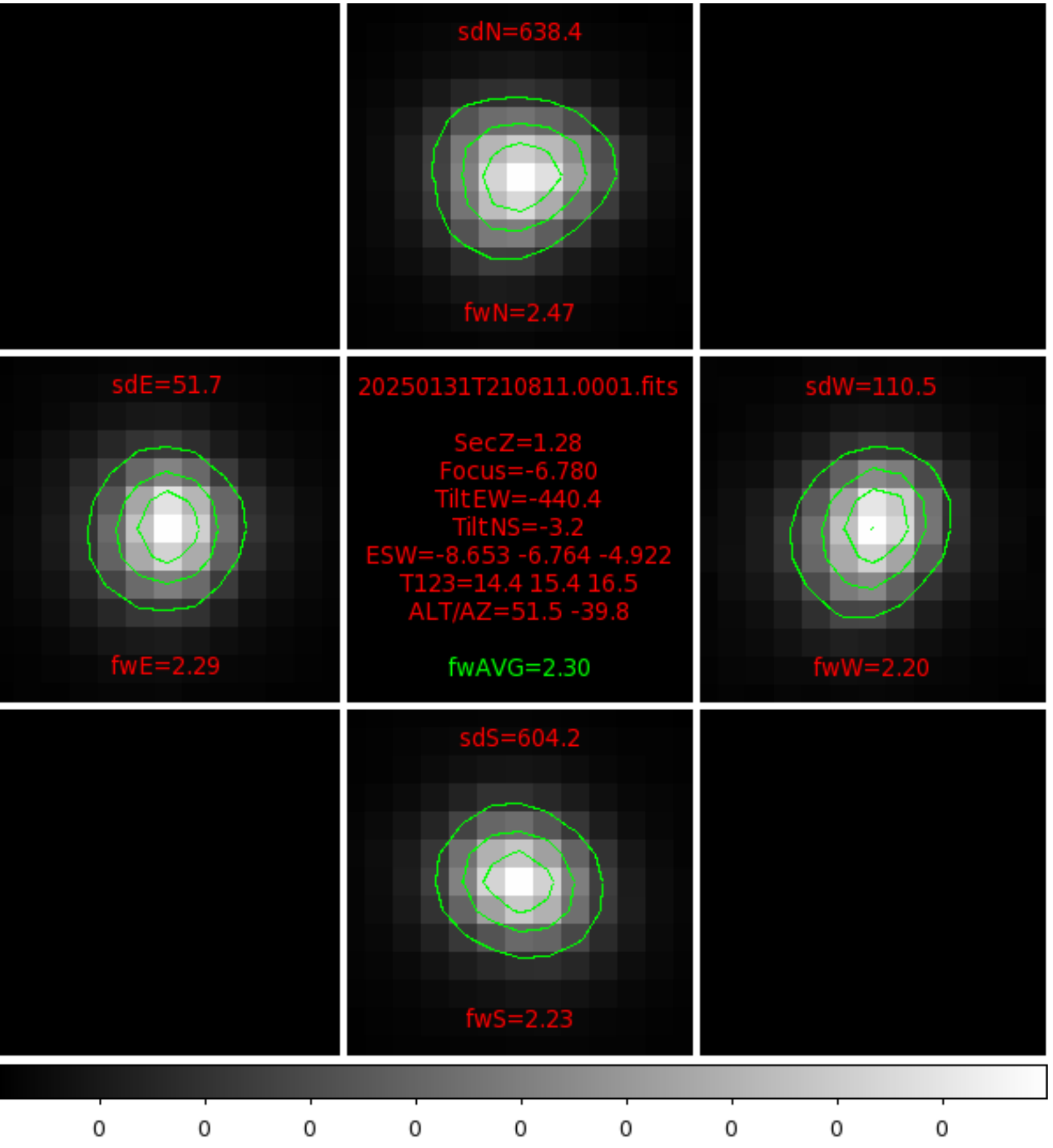
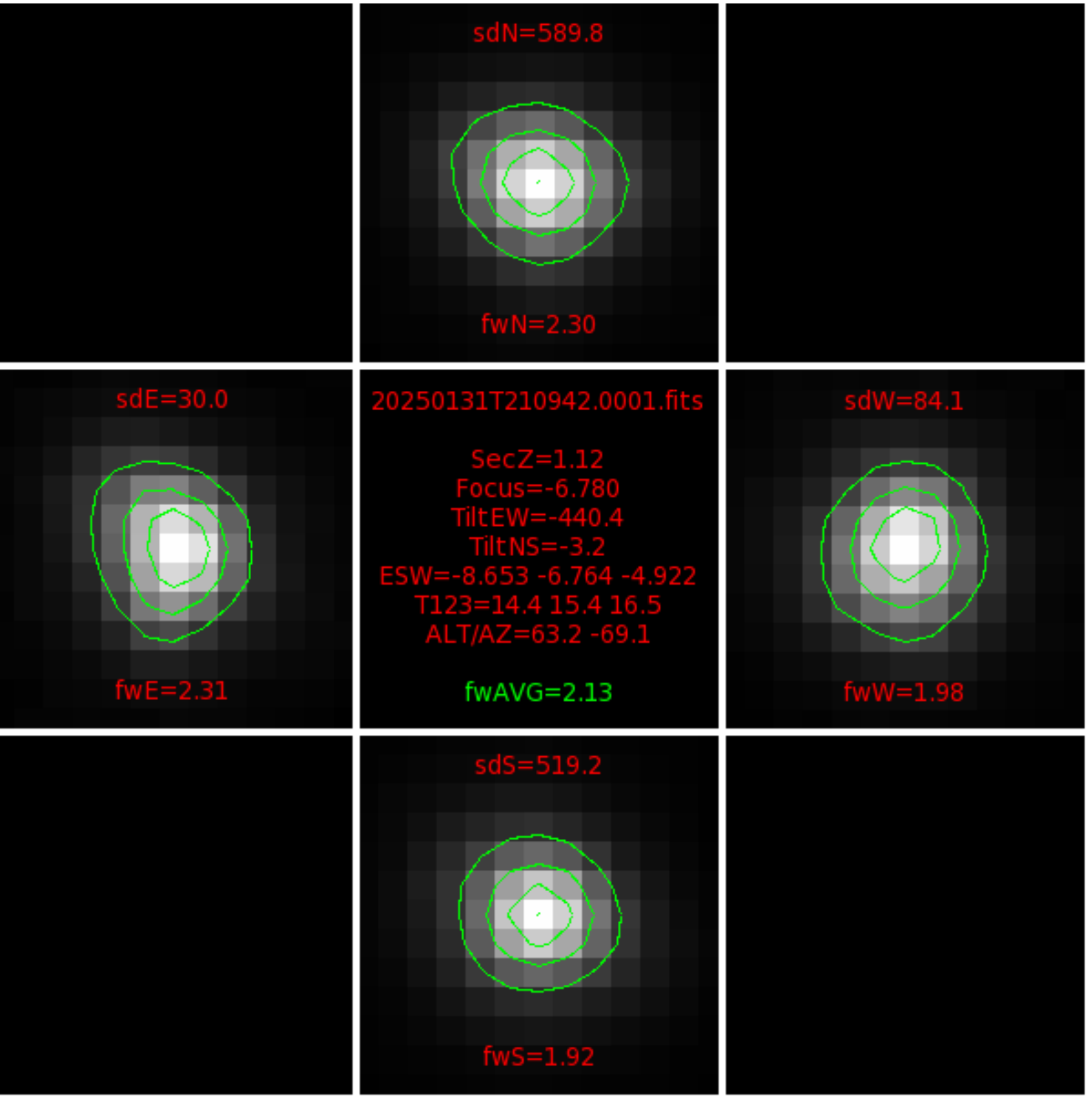
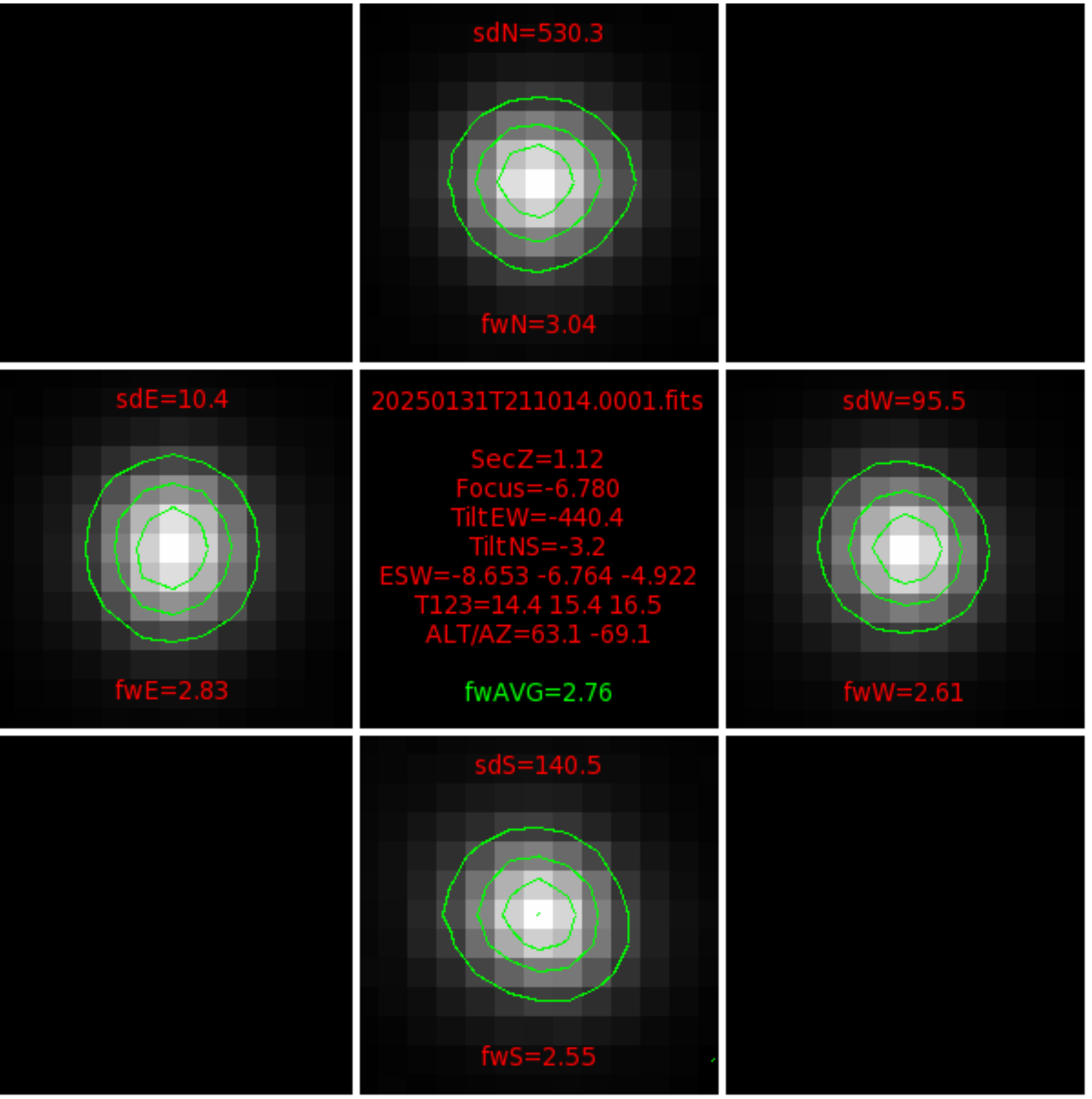

sdN=638.4
fwN=2.47
sdE=51.7
fwE=2.29
20250131T210811.0001.fits
SecZ=1.28
Focus=-6.780
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.653 -6.764 -4.922
T123=14.4 15.4 16.5
ALT/AZ=51.5 -39.8
fwAVG=2.30
sdW=110.5
fwW=2.20
sdS=604.2
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=589.8
fwN=2.30
sdE=30.0
fwE=2.31
20250131T210942.0001.fits
SecZ=1.12
Focus=-6.780
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.653 -6.764 -4.922
T123=14.4 15.4 16.5
ALT/AZ=63.2 -69.1
fwAVG=2.13
sdW=84.1
fwW=1.98
sdS=519.2
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=530.3
fwN=3.04
sdE=10.4
fwE=2.83
20250131T211014.0001.fits
SecZ=1.12
Focus=-6.780
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.653 -6.764 -4.922
T123=14.4 15.4 16.5
ALT/AZ=63.1 -69.1
fwAVG=2.76
sdW=95.5
fwW=2.61
sdS=140.5
fwS=2.55
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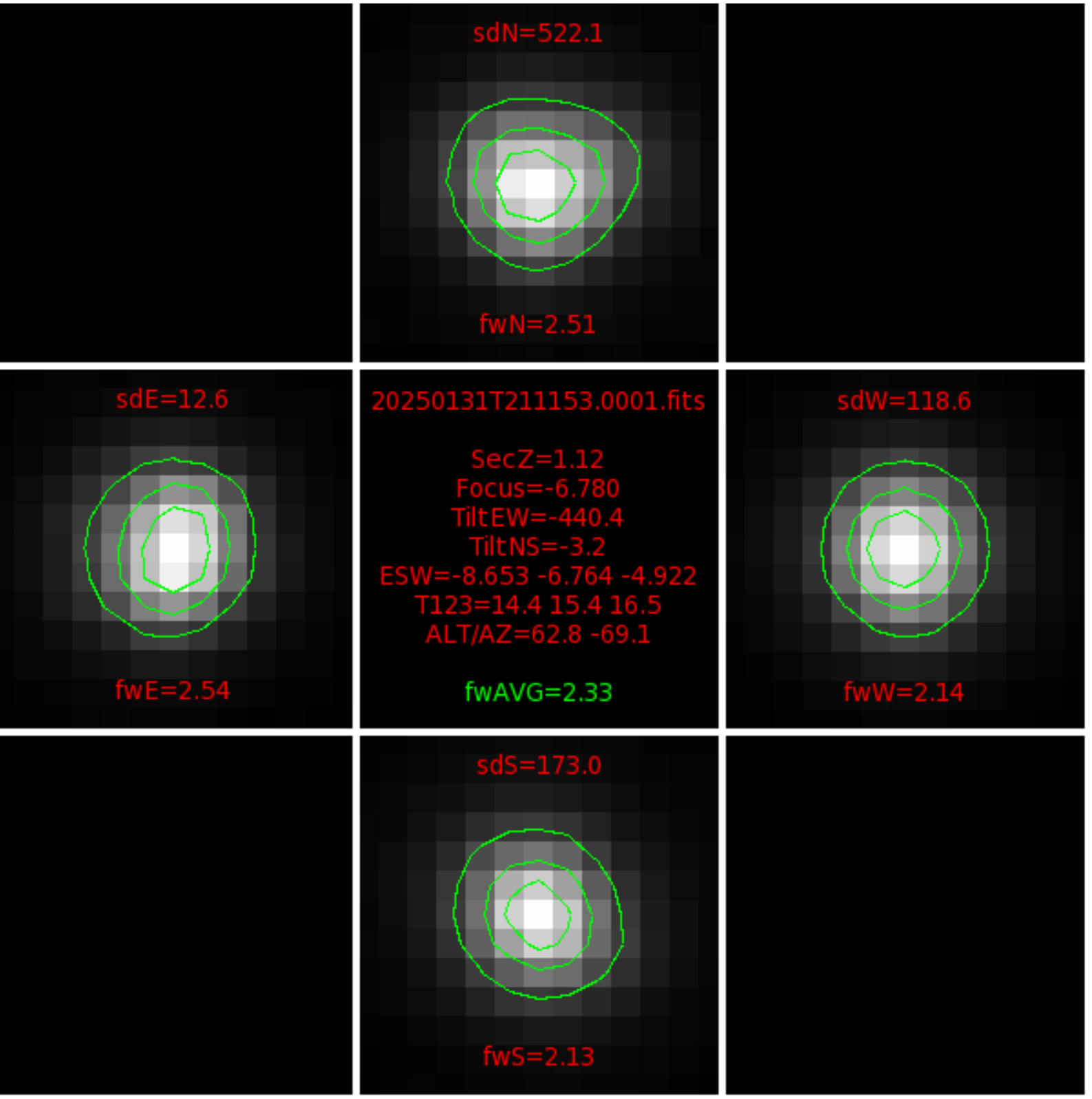
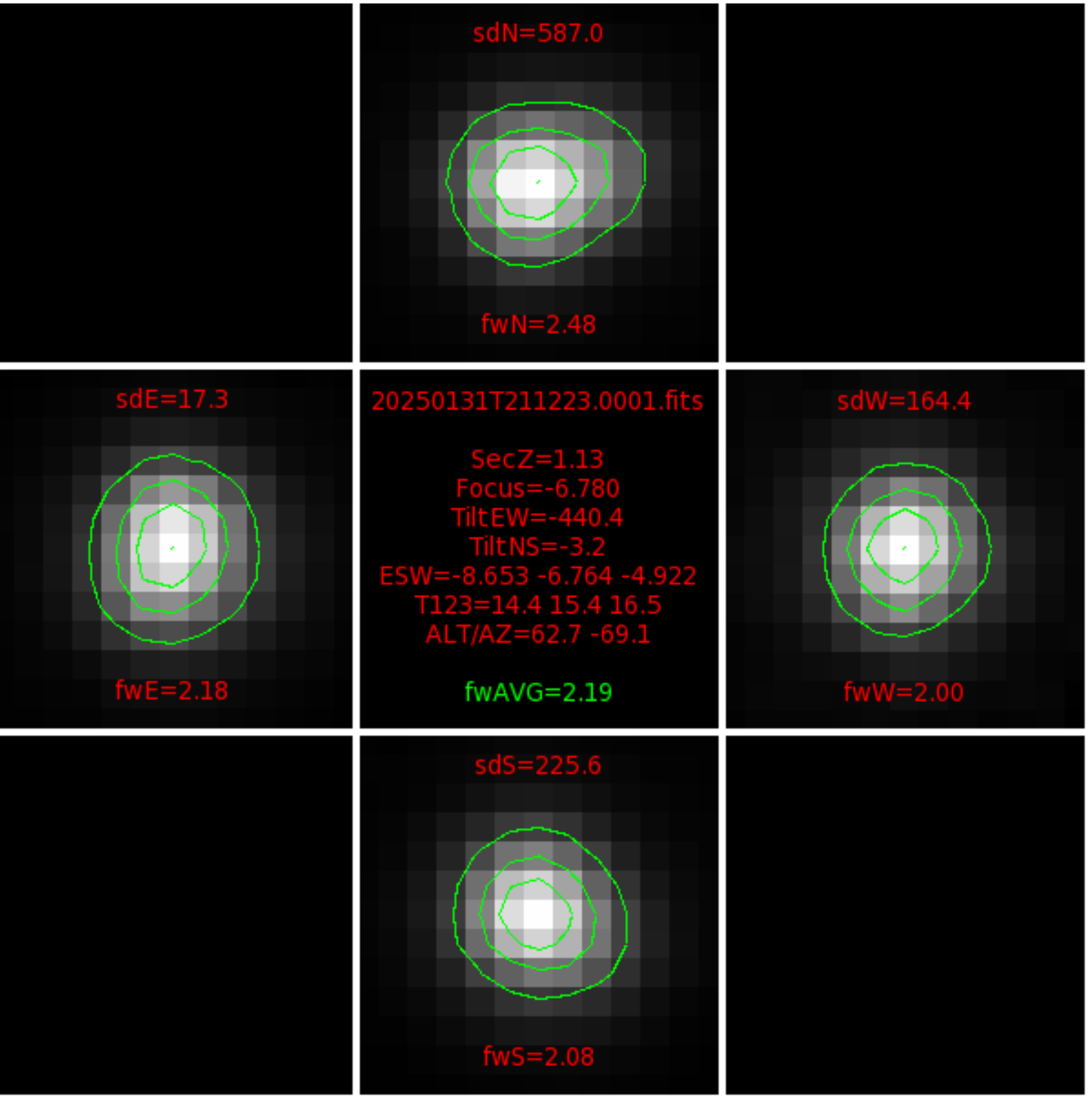

sdN=522.1
fwN=2.51
sdE=12.6
fwE=2.54
20250131T211153.0001.fits
SecZ=1.12
Focus=-6.780
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.653 -6.764 -4.922
T123=14.4 15.4 16.5
ALT/AZ=62.8 -69.1
fwAVG=2.33
sdW=118.6
fwW=2.14
sdS=173.0
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=587.0
fwN=2.48
sdE=17.3
fwE=2.18
20250131T211223.0001.fits
SecZ=1.13
Focus=-6.780
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.653 -6.764 -4.922
T123=14.4 15.4 16.5
ALT/AZ=62.7 -69.1
fwAVG=2.19
sdW=164.4
fwW=2.00
sdS=225.6
fwS=2.08
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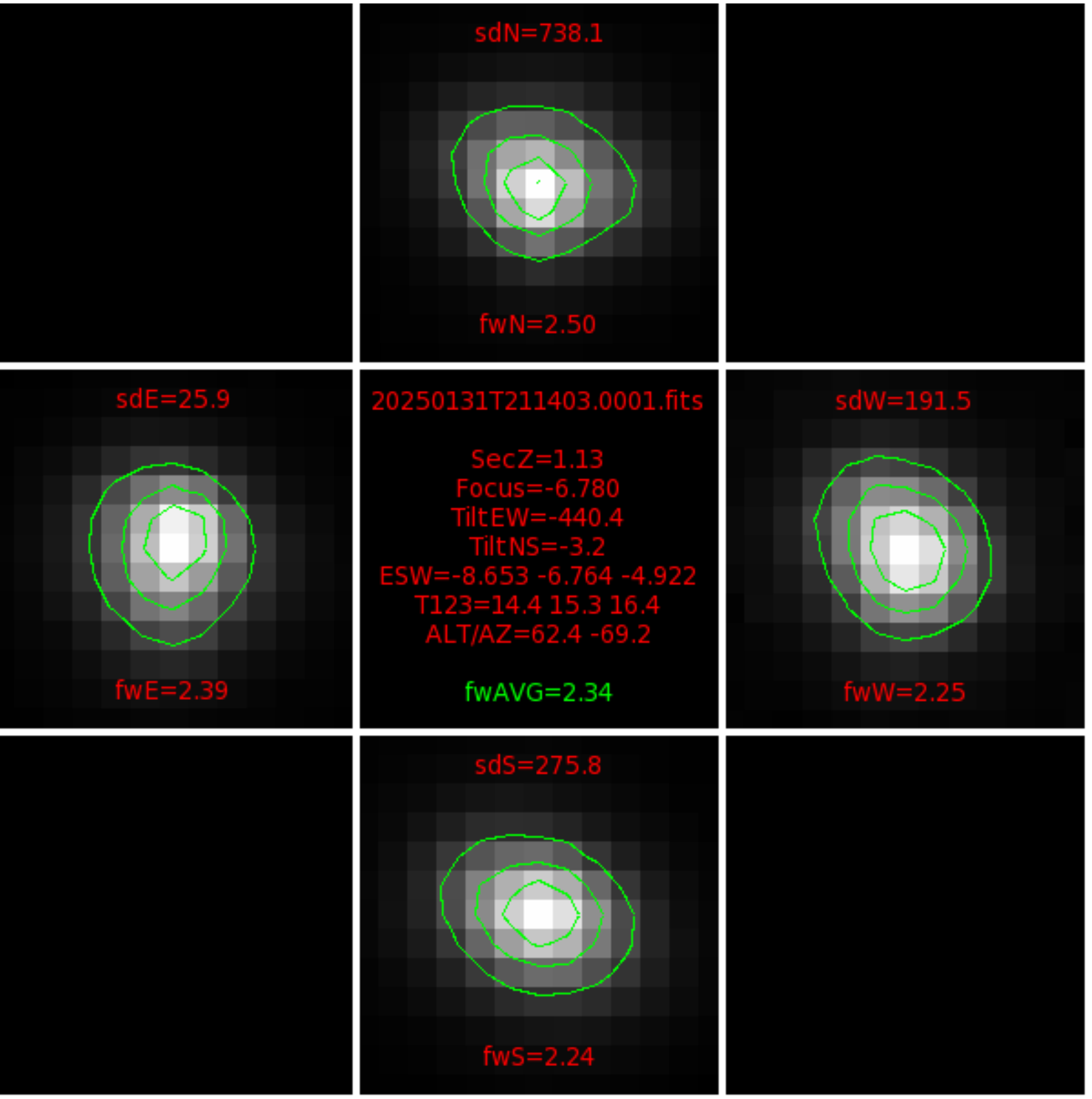
sdN=738.1
fwN=2.50
sdE=25.9
fwE=2.39
20250131T211403.0001.fits
SecZ=1.13
Focus=-6.780
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.653 -6.764 -4.922
T123=14.4 15.3 16.4
ALT/AZ=62.4 -69.2
fwAVG=2.34
sdW=191.5
fwW=2.25
sdS=275.8
fwS=2.24
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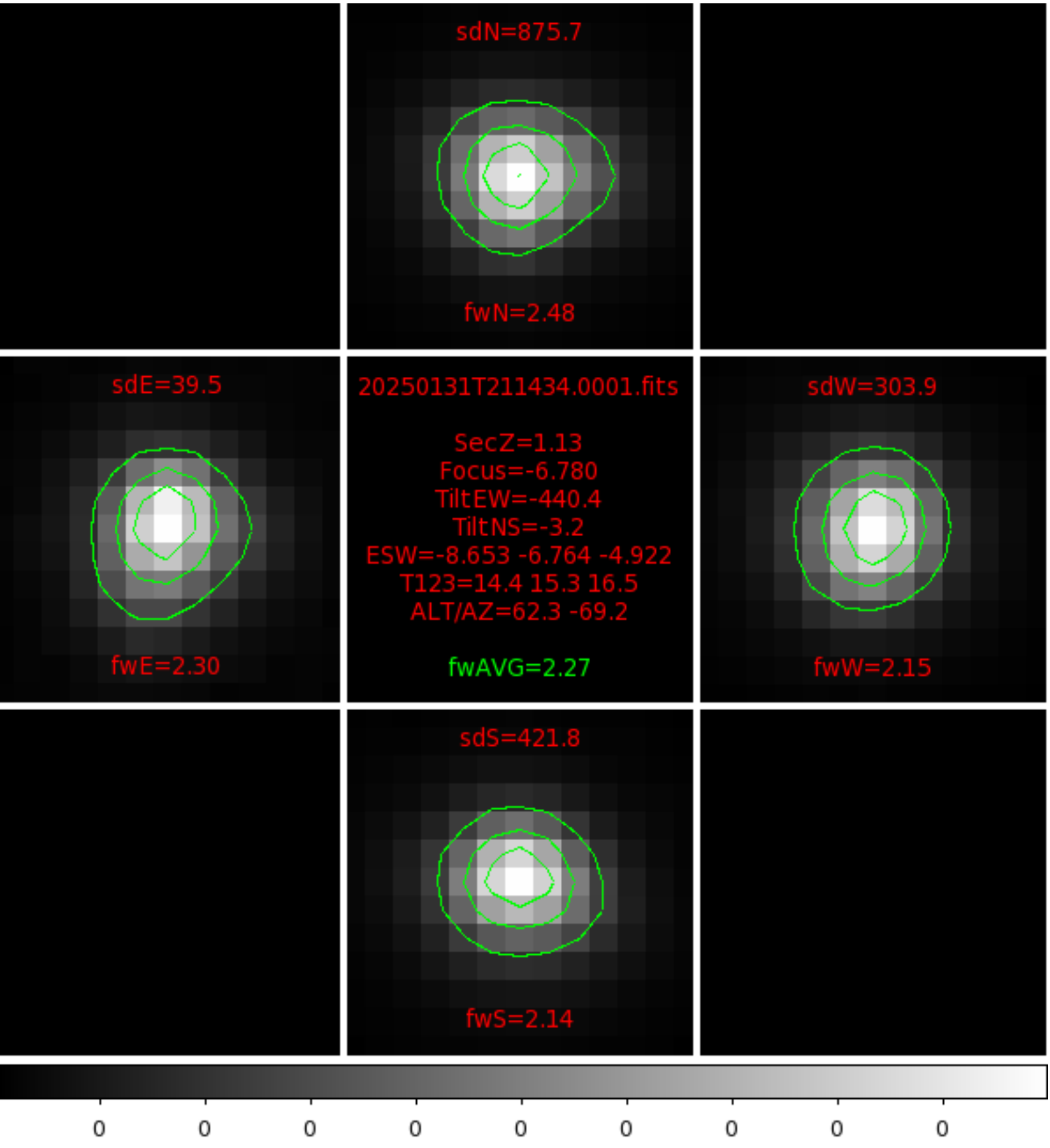
sdN=875.7
fwN=2.48
sdE=39.5
fwE=2.30
20250131T211434.0001.fits
SecZ=1.13
Focus=-6.780
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.653 -6.764 -4.922
T123=14.4 15.3 16.5
ALT/AZ=62.3 -69.2
fwAVG=2.27
sdW=303.9
fwW=2.15
sdS=421.8
fwS=2.14
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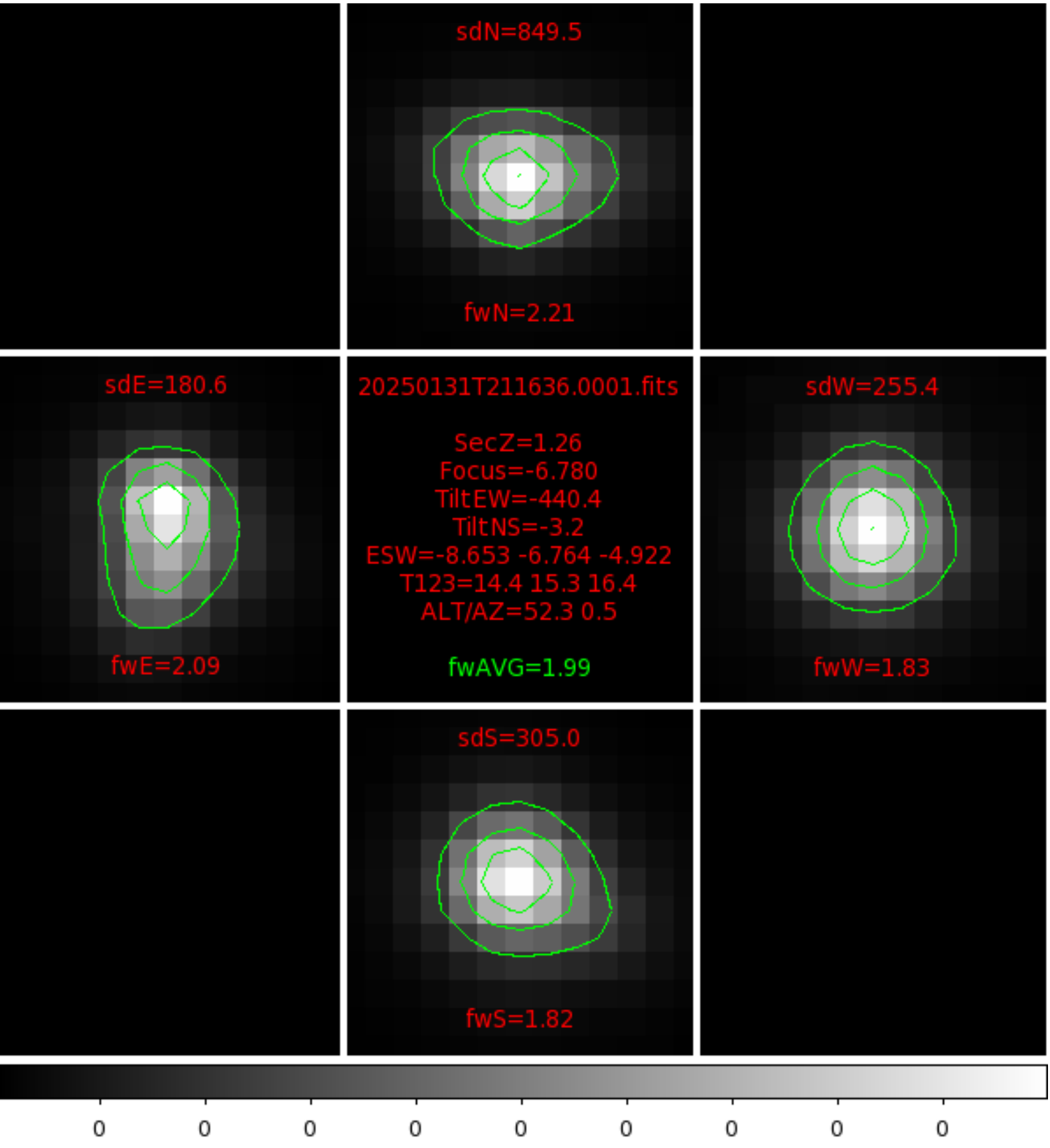
sdN=849.5
fwN=2.21
sdE=180.6
fwE=2.09
20250131T211636.0001.fits
SecZ=1.26
Focus=-6.780
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.653 -6.764 -4.922
T123=14.4 15.3 16.4
ALT/AZ=52.3 0.5
fwAVG=1.99
sdW=255.4
fwW=1.83
sdS=305.0
fwS=1.82
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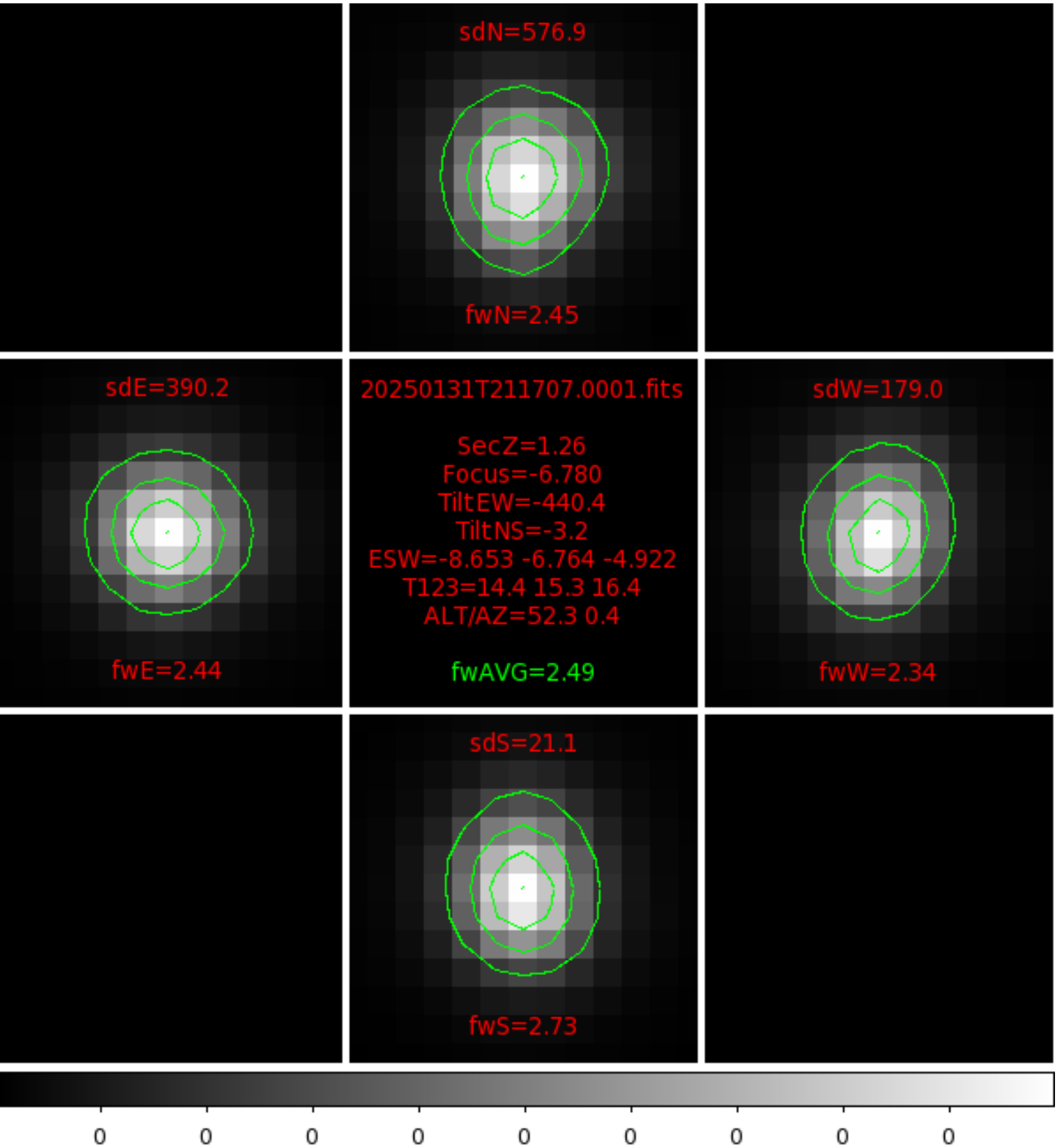
sdN=576.9
fwN=2.45
sdE=390.2
fwE=2.44
20250131T211707.0001.fits
SecZ=1.26
Focus=-6.780
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.653 -6.764 -4.922
T123=14.4 15.3 16.4
ALT/AZ=52.3 0.4
fwAVG=2.49
sdW=179.0
fwW=2.34
sdS=21.1
fwS=2.73
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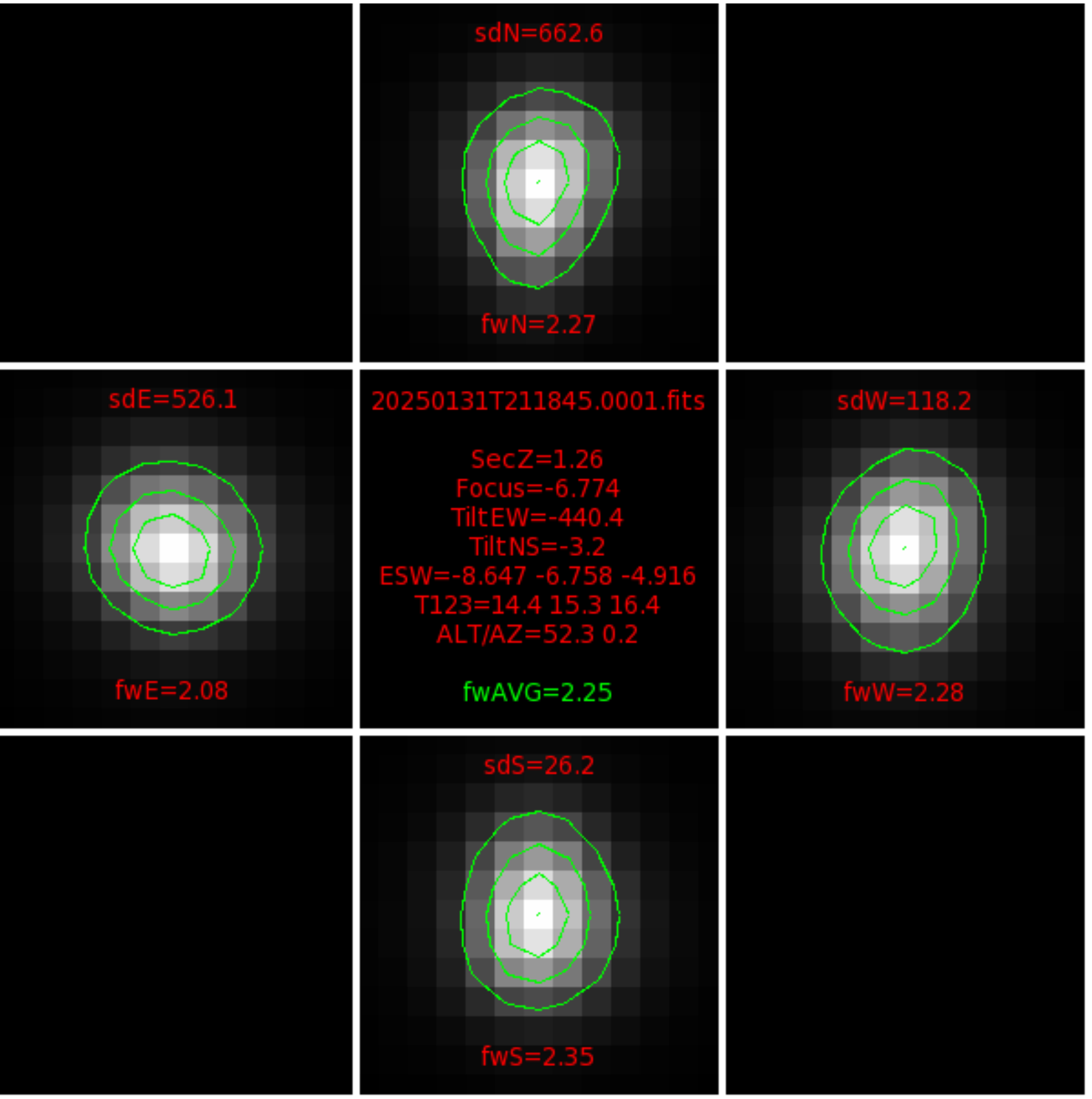
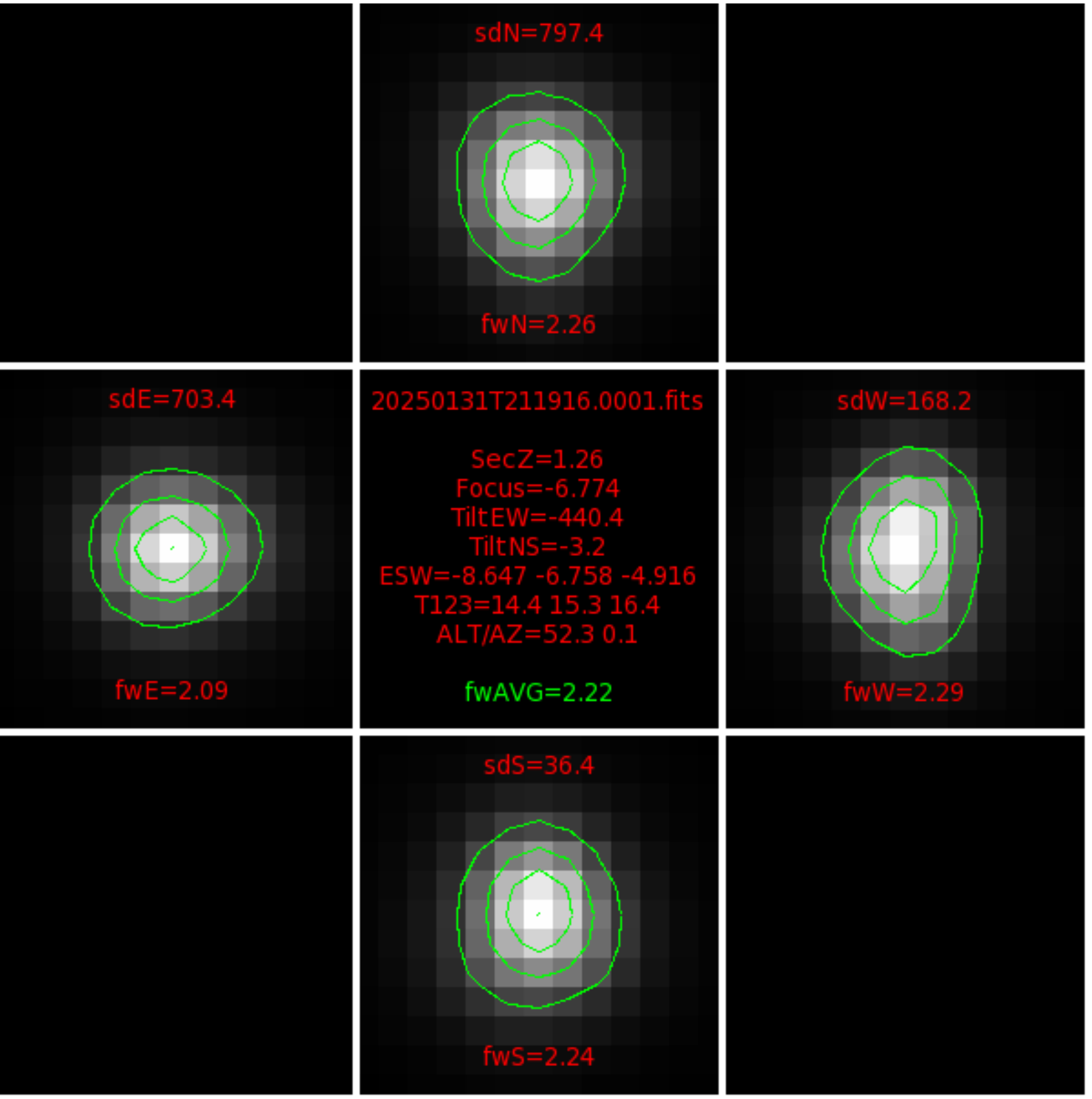

sdN=662.6
fwN=2.27
sdE=526.1
fwE=2.08
20250131T211845.0001.fits
SecZ=1.26
Focus=-6.774
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.647 -6.758 -4.916
T123=14.4 15.3 16.4
ALT/AZ=52.3 0.2
fwAVG=2.25
sdW=118.2
fwW=2.28
sdS=26.2
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=797.4
fwN=2.26
sdE=703.4
fwE=2.09
20250131T211916.0001.fits
SecZ=1.26
Focus=-6.774
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.647 -6.758 -4.916
T123=14.4 15.3 16.4
ALT/AZ=52.3 0.1
fwAVG=2.22
sdW=168.2
fwW=2.29
sdS=36.4
fwS=2.24
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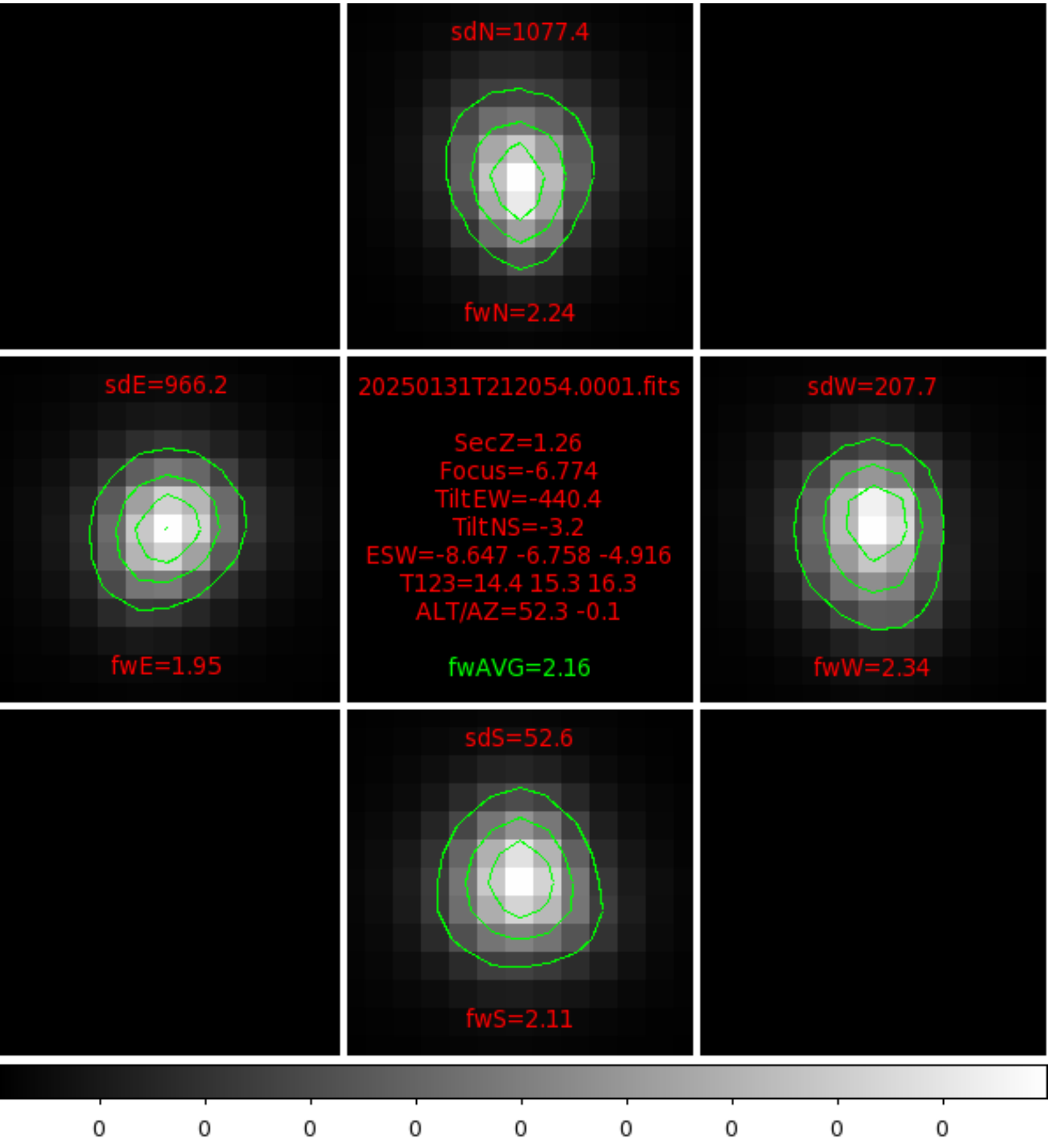
sdN=1077.4
fwN=2.24
sdE=966.2
fwE=1.95
20250131T212054.0001.fits
SecZ=1.26
Focus=-6.774
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.647 -6.758 -4.916
T123=14.4 15.3 16.3
ALT/AZ=52.3 -0.1
fwAVG=2.16
sdW=207.7
fwW=2.34
sdS=52.6
fwS=2.11
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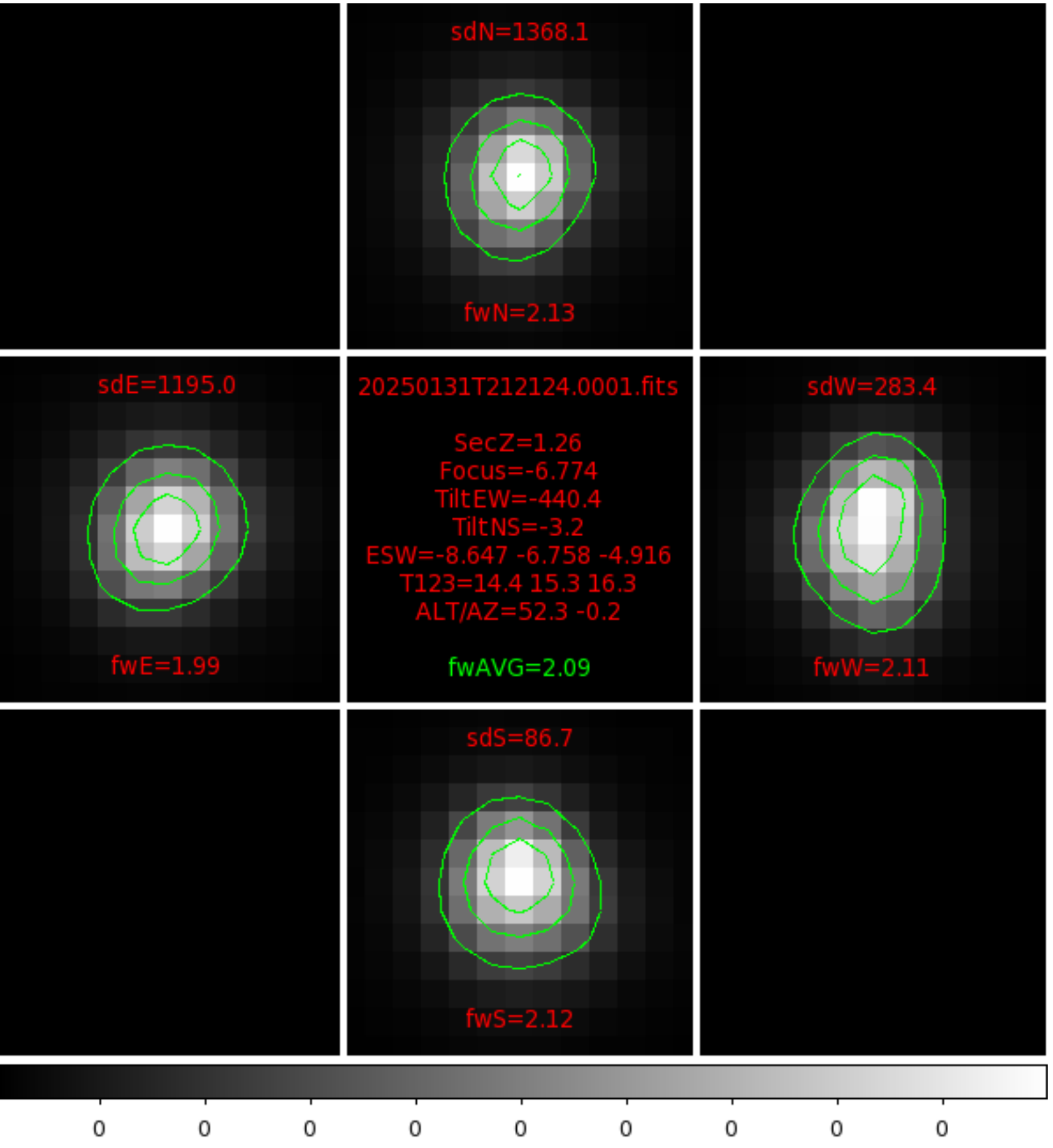
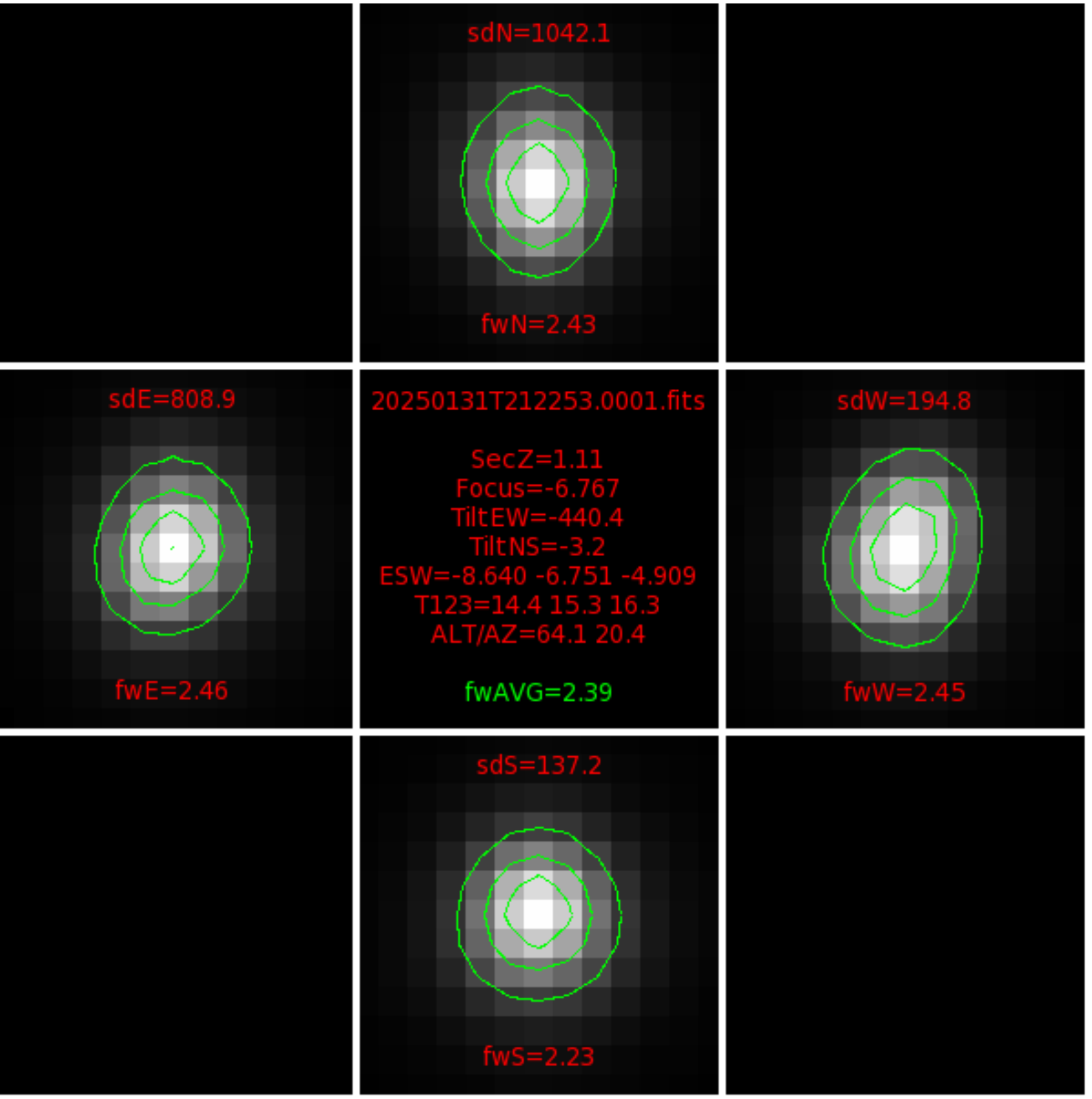
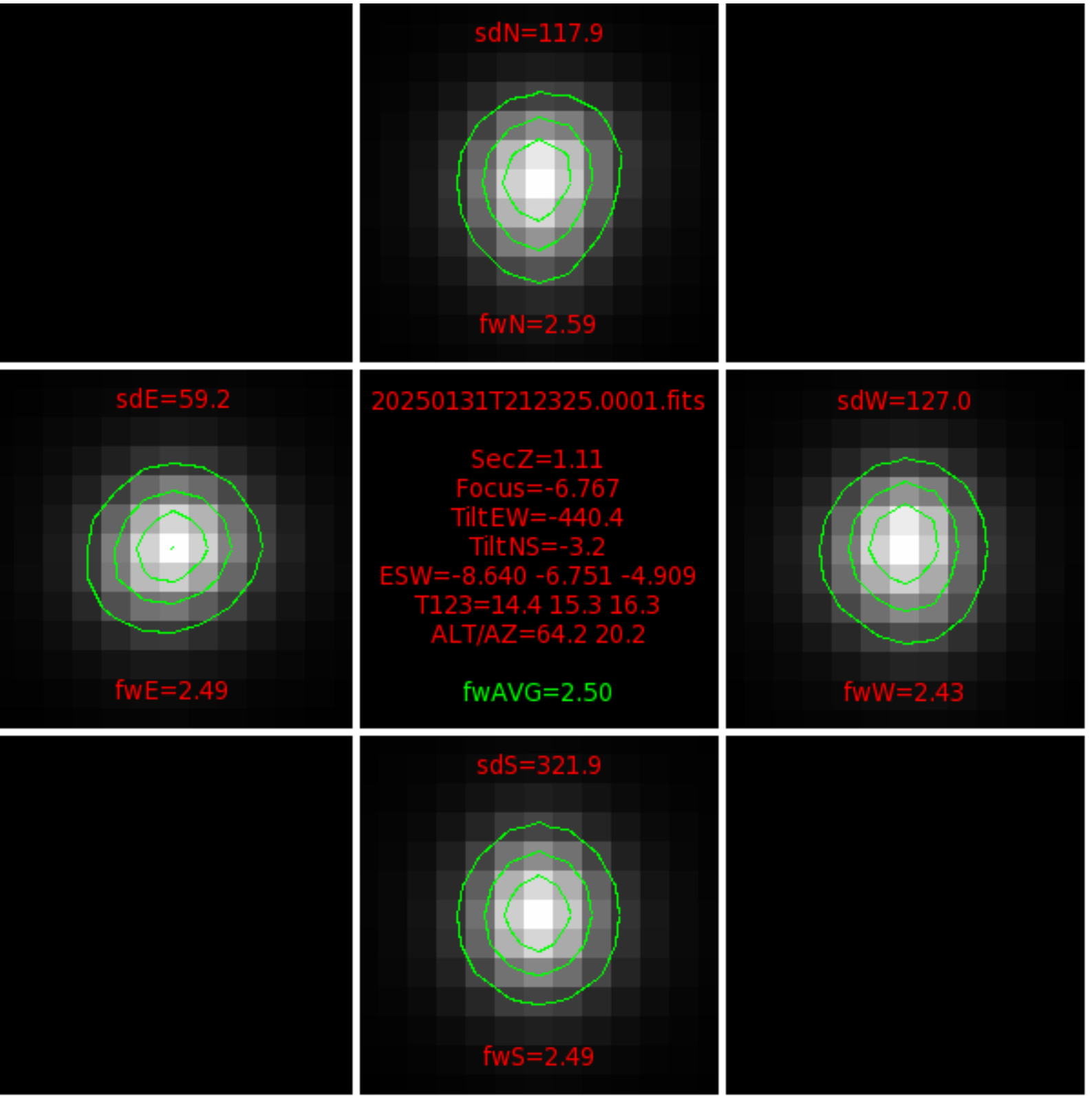

sdN=1368.1
fwN=2.13
sdE=1195.0
fwE=1.99
20250131T212124.0001.fits
SecZ=1.26
Focus=-6.774
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.647 -6.758 -4.916
T123=14.4 15.3 16.3
ALT/AZ=52.3 -0.2
fwAVG=2.09
sdW=283.4
fwW=2.11
sdS=86.7
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=1042.1
fwN=2.43
sdE=808.9
fwE=2.46
20250131T212253.0001.fits
SecZ=1.11
Focus=-6.767
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.640 -6.751 -4.909
T123=14.4 15.3 16.3
ALT/AZ=64.1 20.4
fwAVG=2.39
sdW=194.8
fwW=2.45
sdS=137.2
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=117.9
fwN=2.59
sdE=59.2
fwE=2.49
20250131T212325.0001.fits
SecZ=1.11
Focus=-6.767
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.640 -6.751 -4.909
T123=14.4 15.3 16.3
ALT/AZ=64.2 20.2
fwAVG=2.50
sdW=127.0
fwW=2.43
sdS=321.9
fwS=2.49
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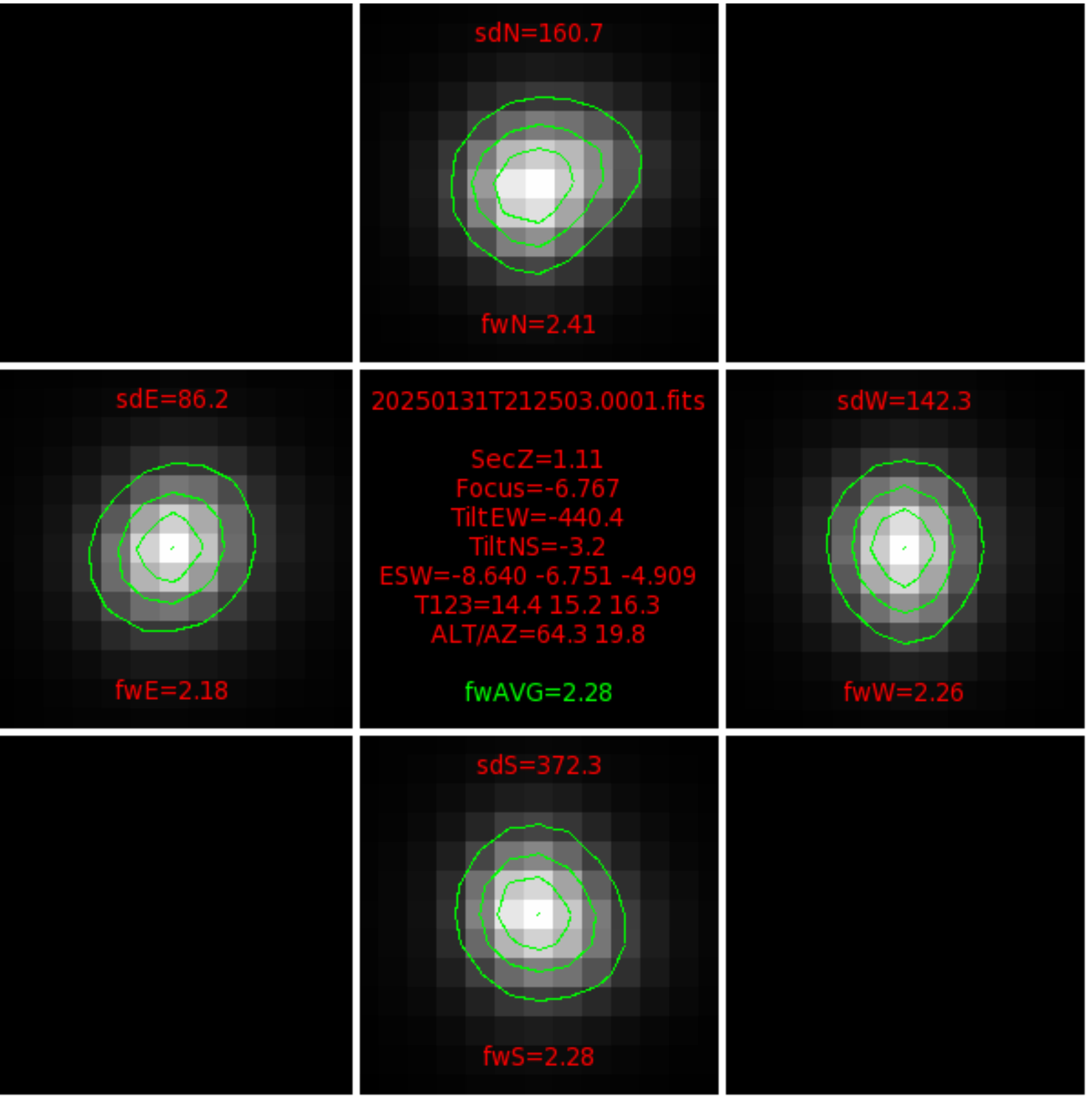
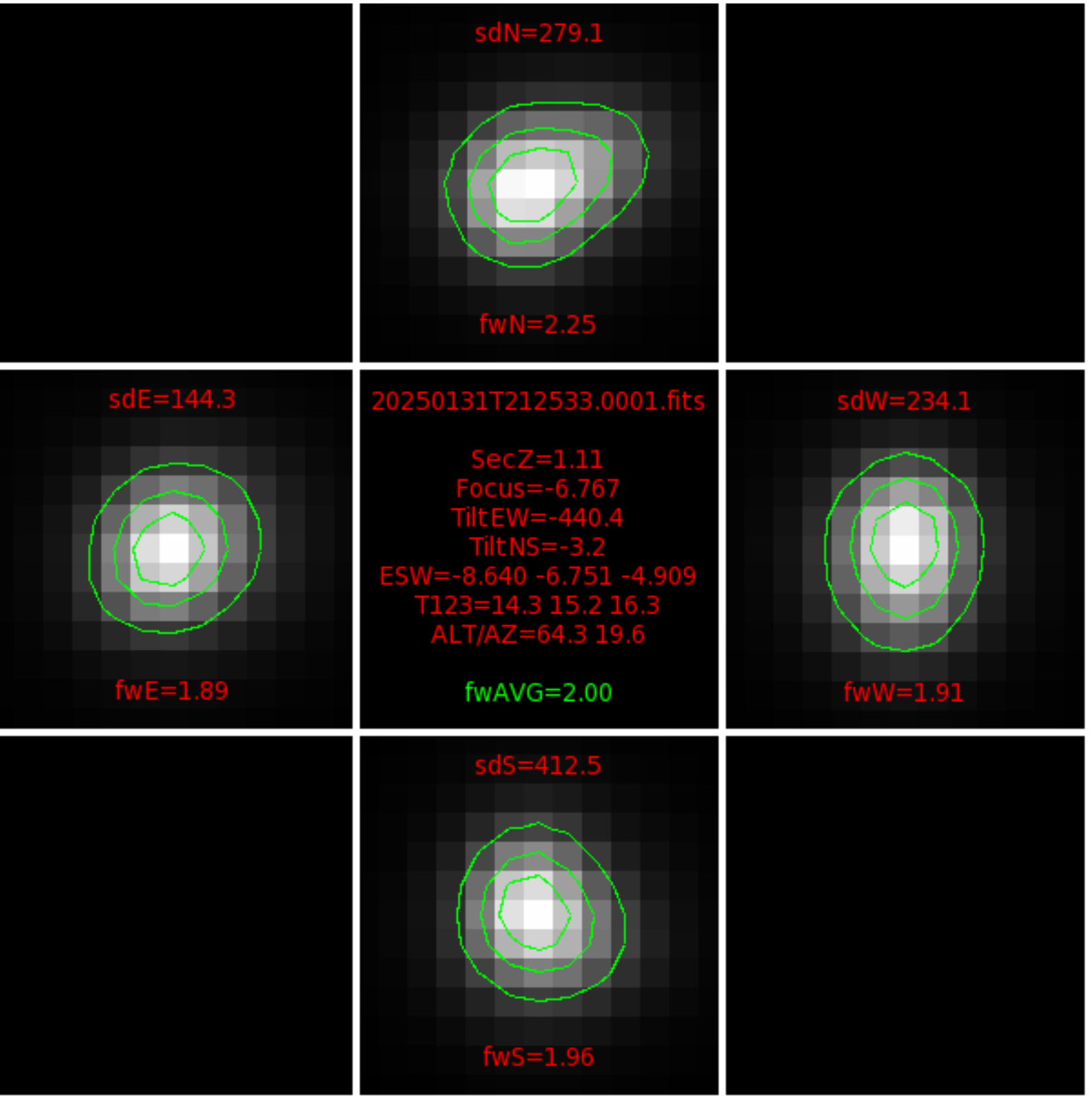
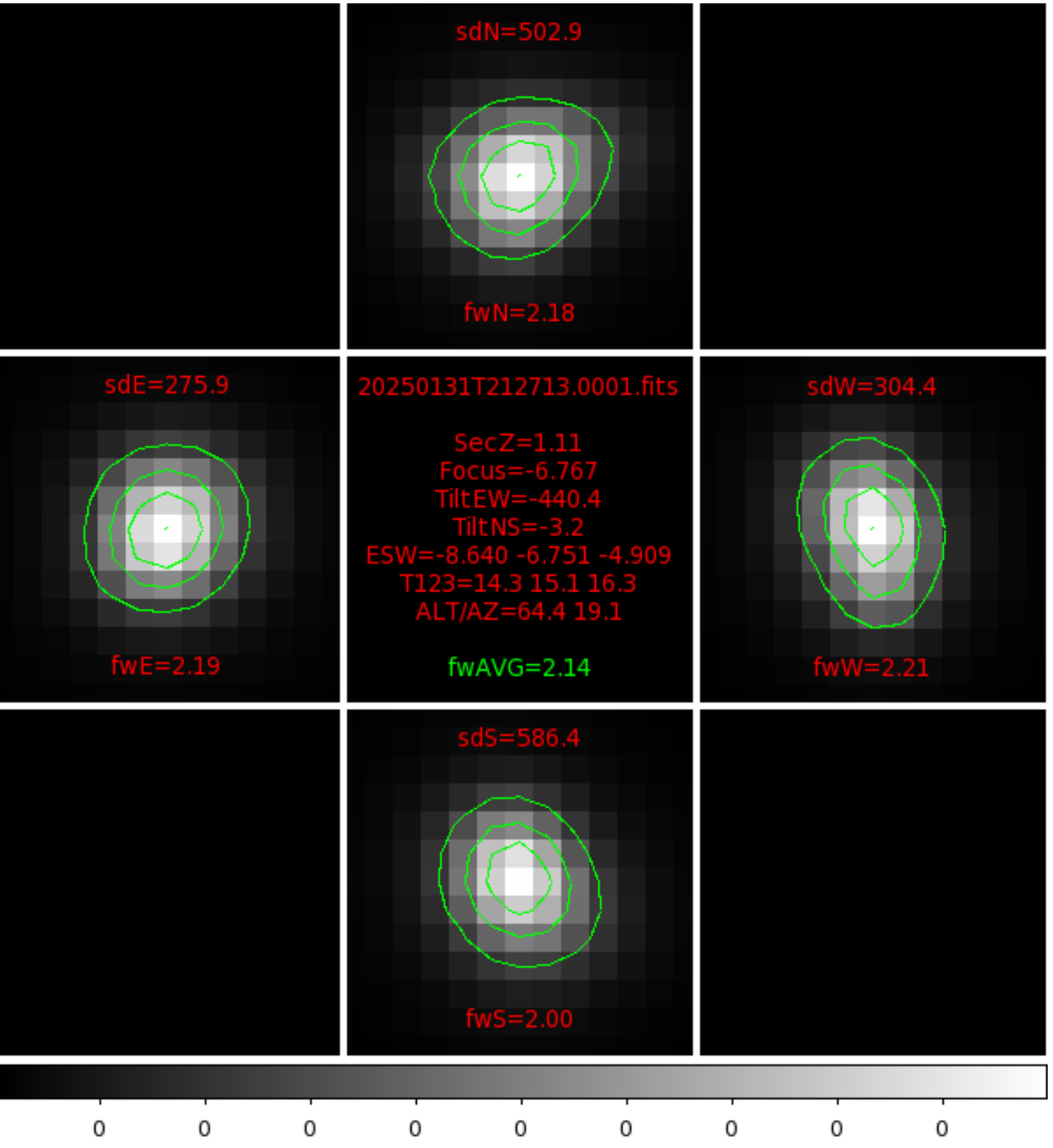

sdN=160.7
fwN=2.41
sdE=86.2
fwE=2.18
20250131T212503.0001.fits
SecZ=1.11
Focus=-6.767
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.640 -6.751 -4.909
T123=14.4 15.2 16.3
ALT/AZ=64.3 19.8
fwAVG=2.28
sdW=142.3
fwW=2.26
sdS=372.3
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=279.1
fwN=2.25
sdE=144.3
fwE=1.89
20250131T212533.0001.fits
SecZ=1.11
Focus=-6.767
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.640 -6.751 -4.909
T123=14.3 15.2 16.3
ALT/AZ=64.3 19.6
fwAVG=2.00
sdW=234.1
fwW=1.91
sdS=412.5
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=502.9
fwN=2.18
sdE=275.9
fwE=2.19
20250131T212713.0001.fits
SecZ=1.11
Focus=-6.767
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.640 -6.751 -4.909
T123=14.3 15.1 16.3
ALT/AZ=64.4 19.1
fwAVG=2.14
sdW=304.4
fwW=2.21
sdS=586.4
fwS=2.00
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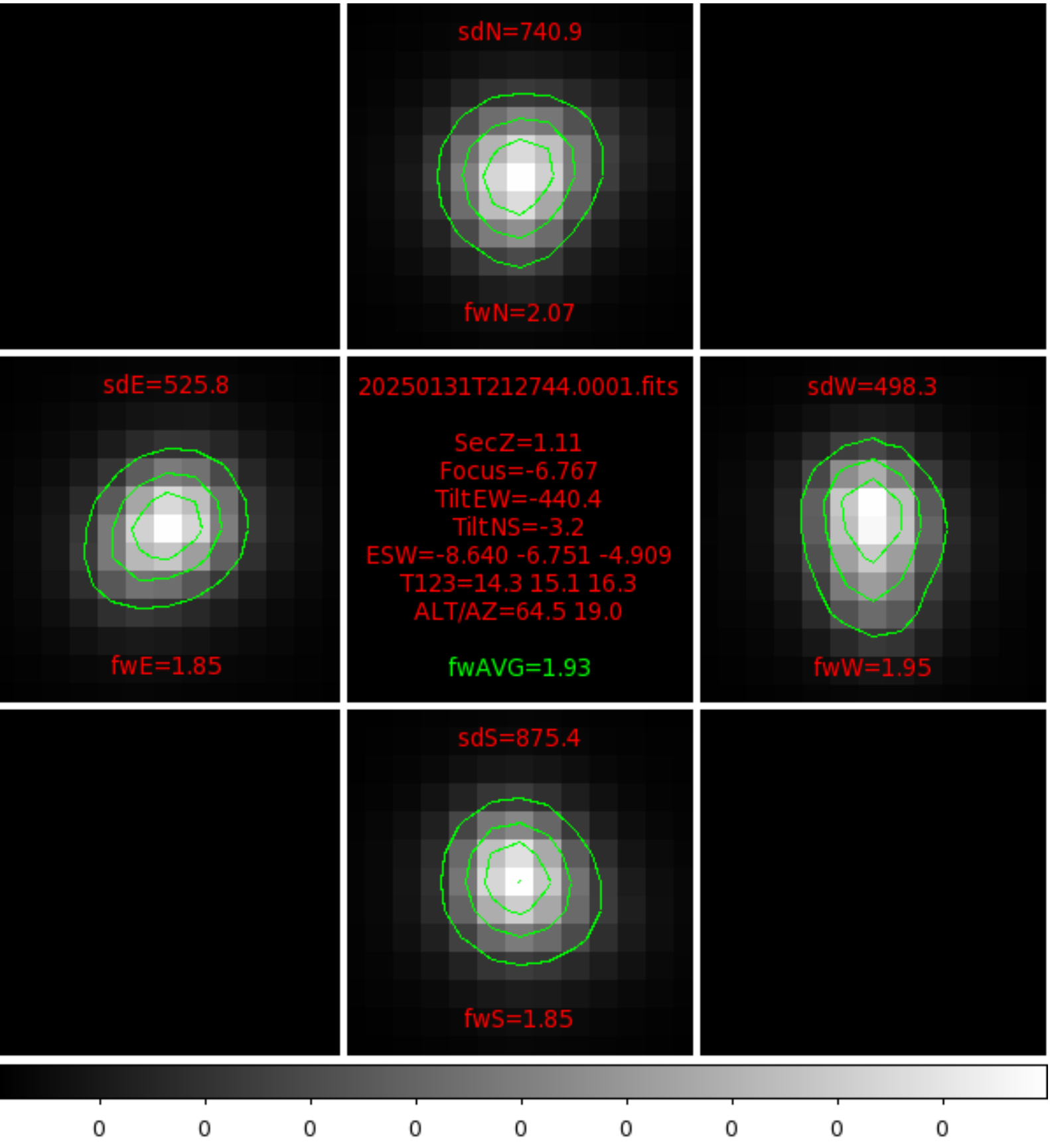
sdN=740.9
fwN=2.07
sdE=525.8
fwE=1.85
20250131T212744.0001.fits
SecZ=1.11
Focus=-6.767
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.640 -6.751 -4.909
T123=14.3 15.1 16.3
ALT/AZ=64.5 19.0
fwAVG=1.93
sdW=498.3
fwW=1.95
sdS=875.4
fwS=1.85
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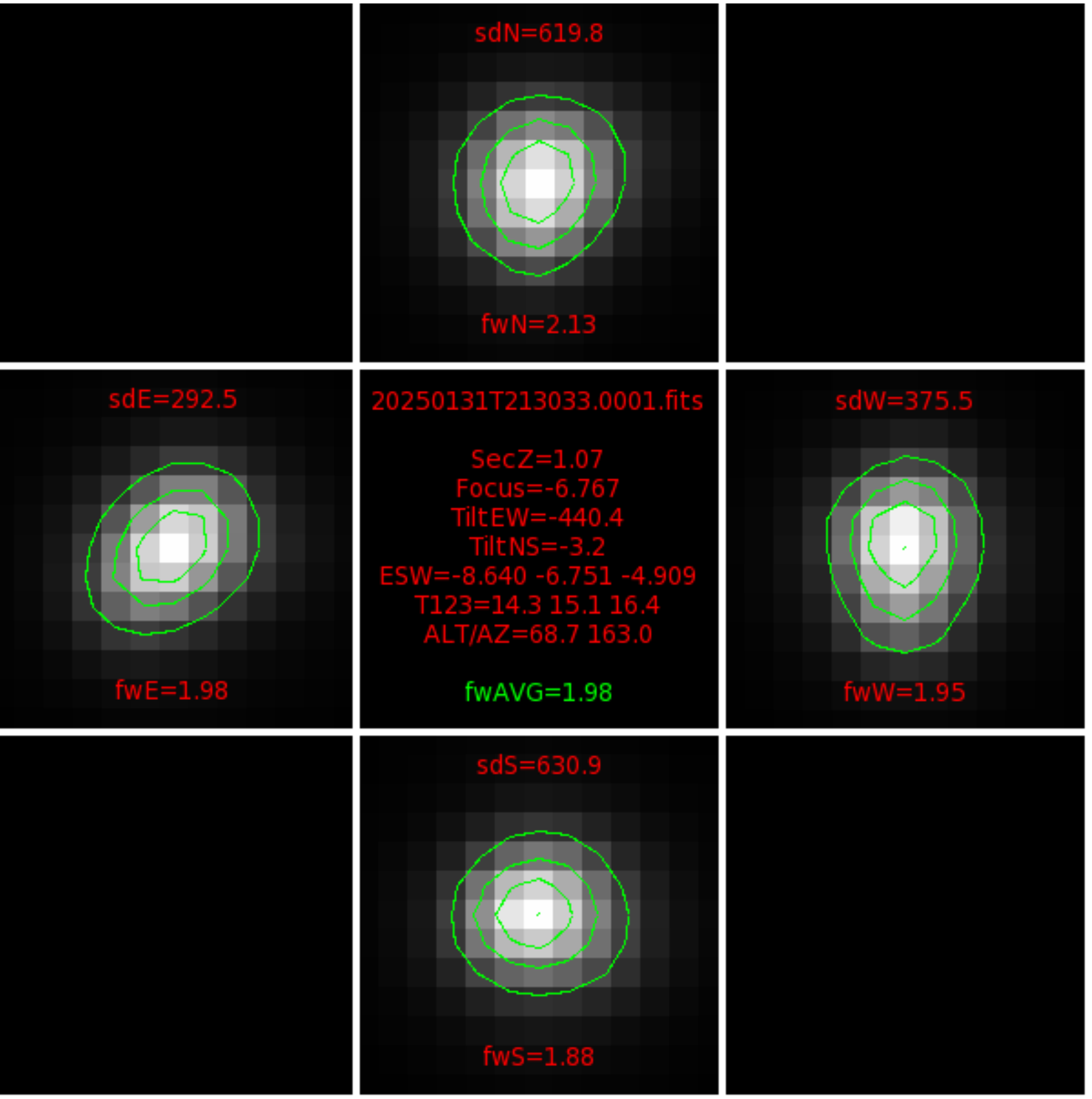
sdN=619.8
fwN=2.13
sdE=292.5
fwE=1.98
20250131T213033.0001.fits
SecZ=1.07
Focus=-6.767
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.640 -6.751 -4.909
T123=14.3 15.1 16.4
ALT/AZ=68.7 163.0
fwAVG=1.98
sdW=375.5
fwW=1.95
sdS=630.9
fwS=1.88
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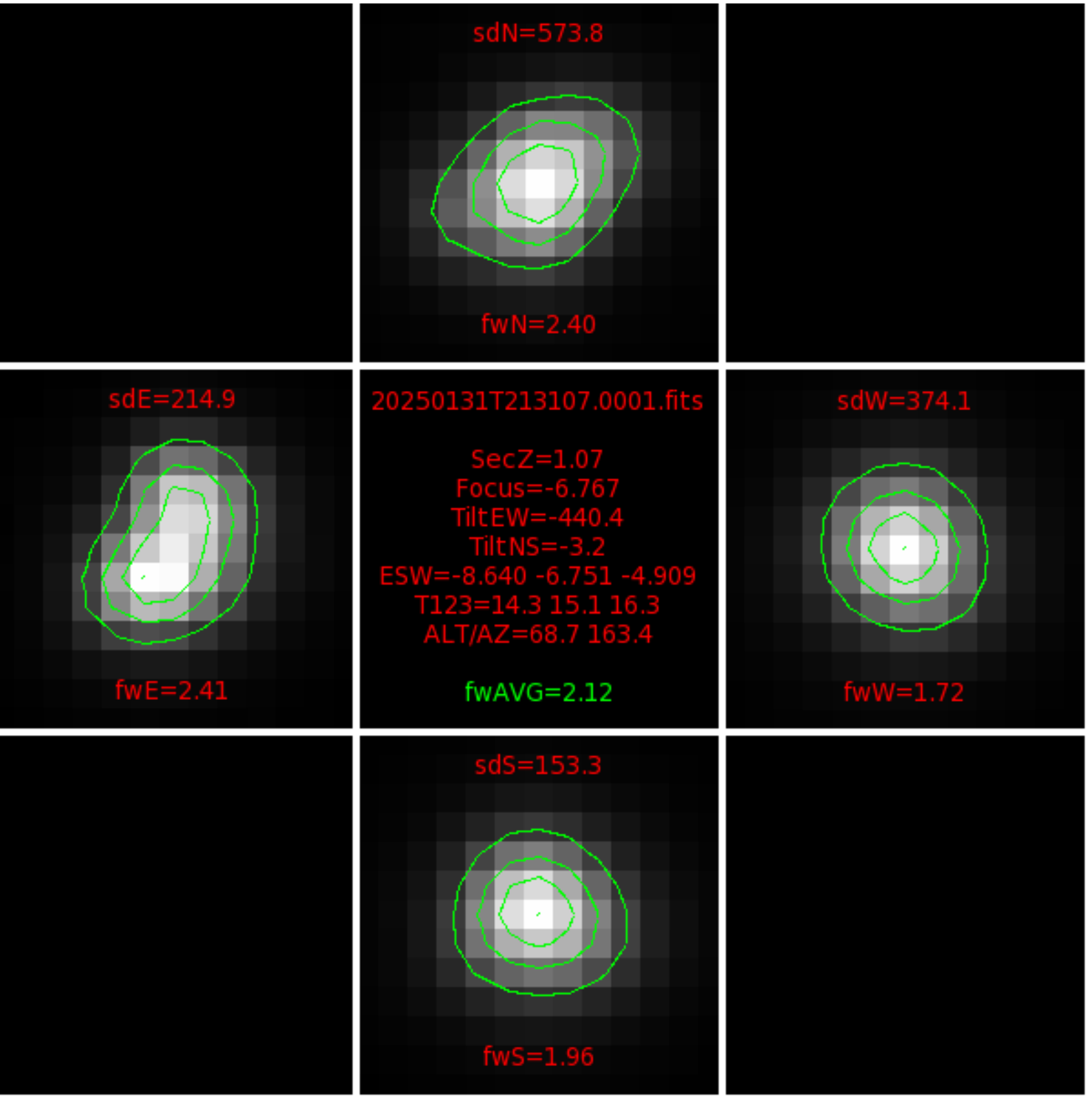
sdN=573.8
fwN=2.40
sdE=214.9
fwE=2.41
20250131T213107.0001.fits
SecZ=1.07
Focus=-6.767
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.640 -6.751 -4.909
T123=14.3 15.1 16.3
ALT/AZ=68.7 163.4
fwAVG=2.12
sdW=374.1
fwW=1.72
sdS=153.3
fwS=1.96
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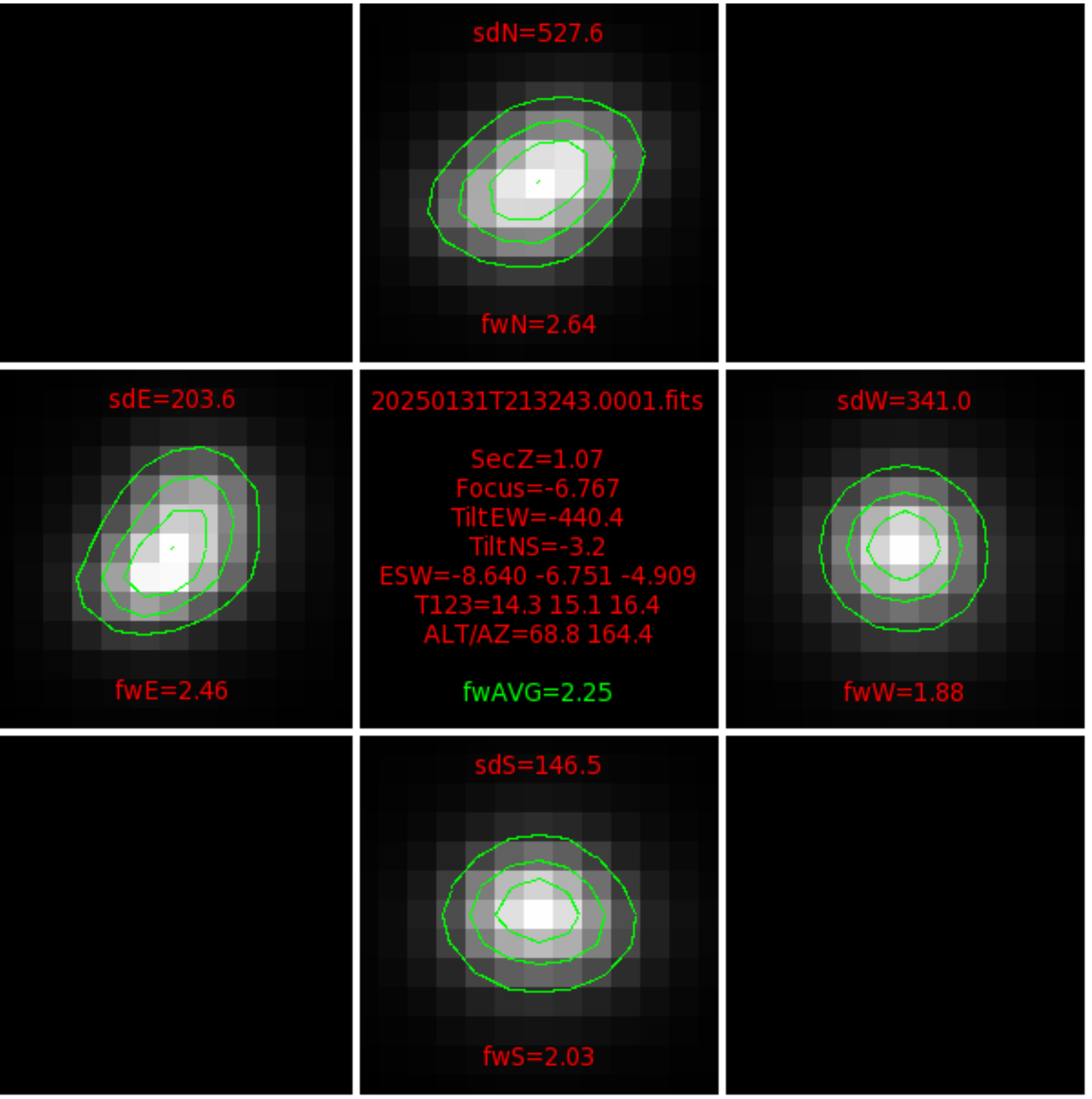
sdN=527.6
fwN=2.64
sdE=203.6
fwE=2.46
20250131T213243.0001.fits
SecZ=1.07
Focus=-6.767
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.640 -6.751 -4.909
T123=14.3 15.1 16.4
ALT/AZ=68.8 164.4
fwAVG=2.25
sdW=341.0
fwW=1.88
sdS=146.5
fwS=2.03
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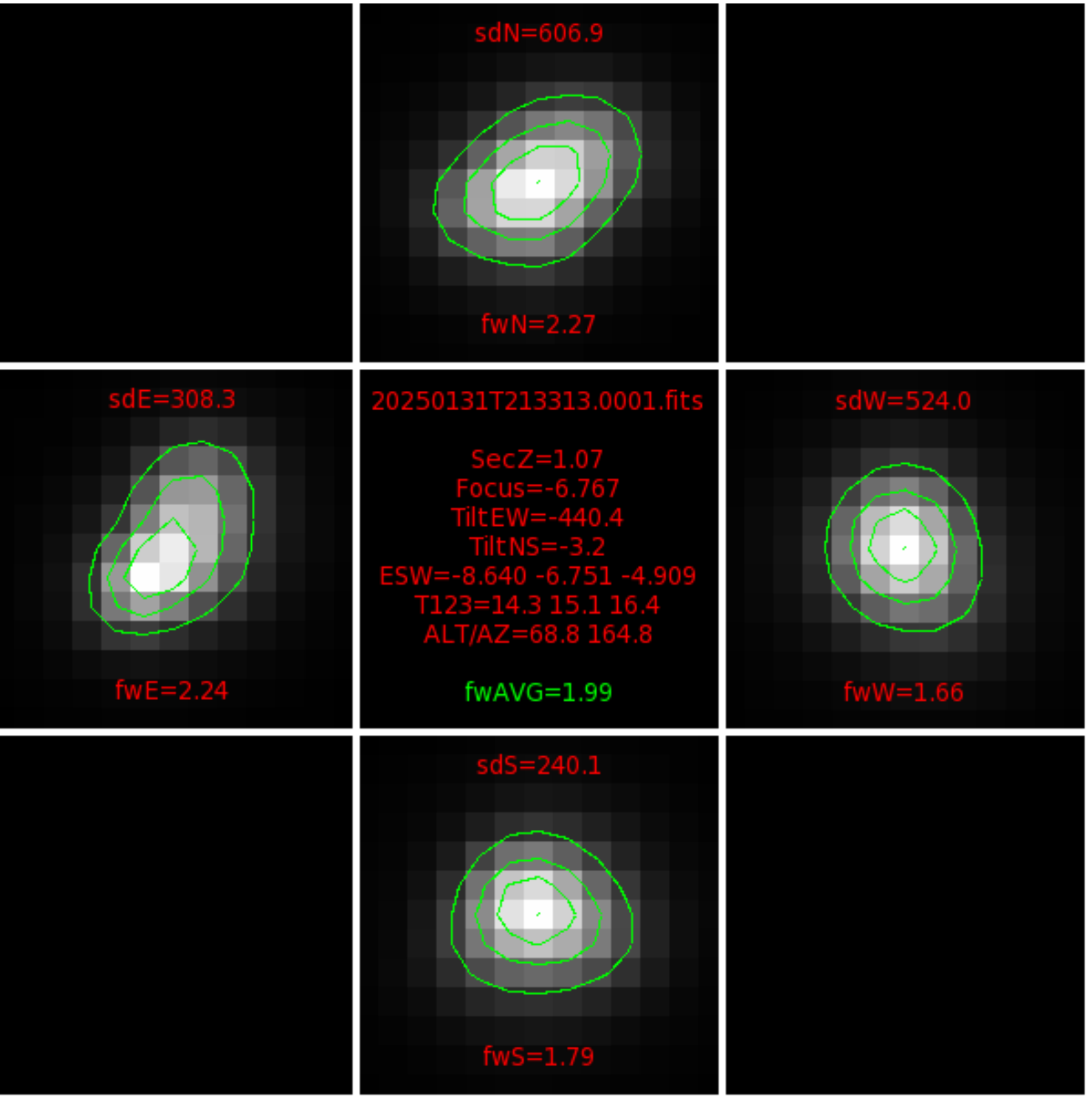
sdN=606.9
fwN=2.27
sdE=308.3
fwE=2.24
20250131T213313.0001.fits
SecZ=1.07
Focus=-6.767
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.640 -6.751 -4.909
T123=14.3 15.1 16.4
ALT/AZ=68.8 164.8
fwAVG=1.99
sdW=524.0
fwW=1.66
sdS=240.1
fwS=1.79
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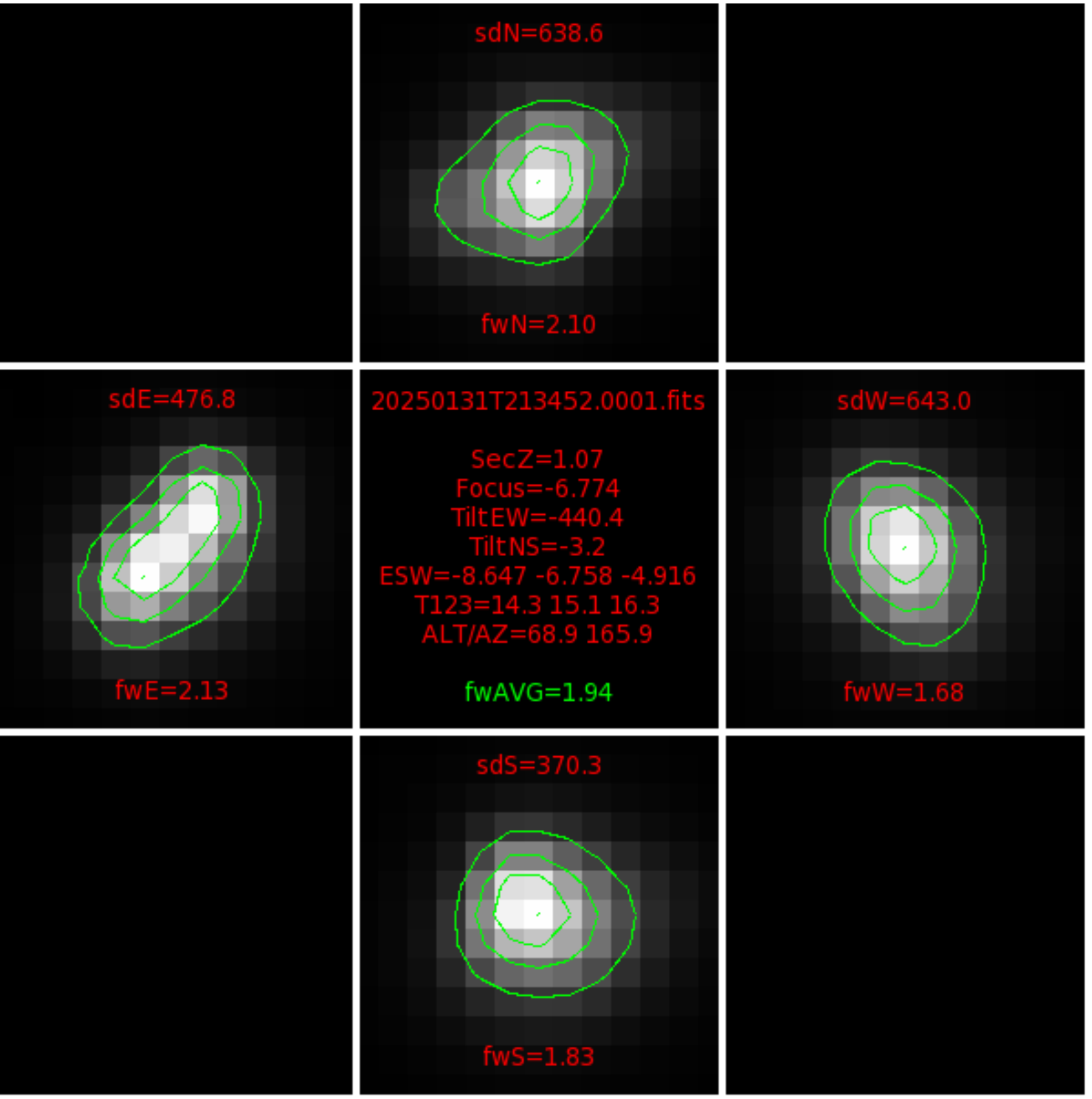
sdN=638.6
fwN=2.10
sdE=476.8
fwE=2.13
20250131T213452.0001.fits
SecZ=1.07
Focus=-6.774
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.647 -6.758 -4.916
T123=14.3 15.1 16.3
ALT/AZ=68.9 165.9
fwAVG=1.94
sdW=643.0
fwW=1.68
sdS=370.3
fwS=1.83
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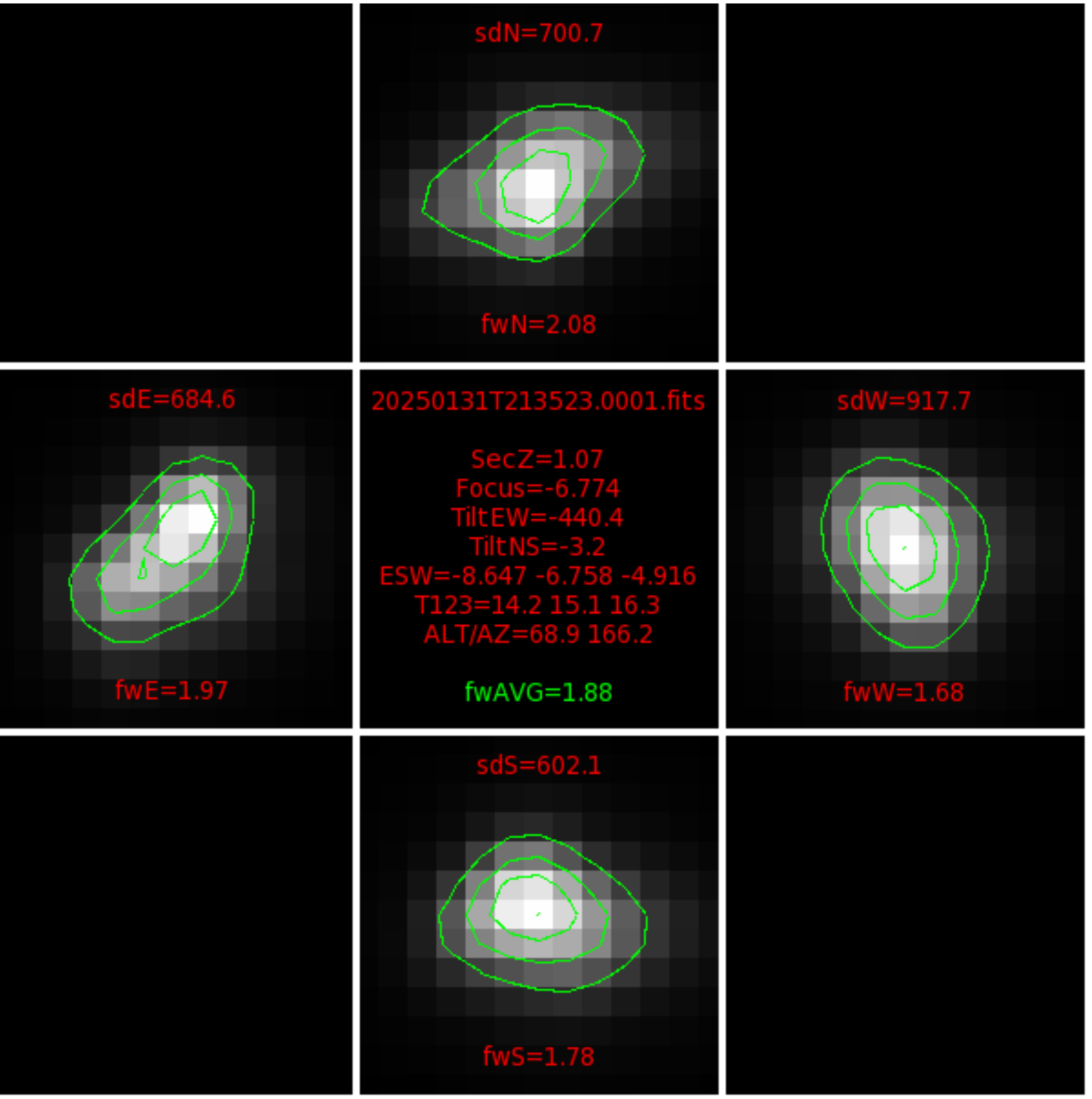
sdN=700.7
fwN=2.08
sdE=684.6
fwE=1.97
20250131T213523.0001.fits
SecZ=1.07
Focus=-6.774
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.647 -6.758 -4.916
T123=14.2 15.1 16.3
ALT/AZ=68.9 166.2
fwAVG=1.88
sdW=917.7
fwW=1.68
sdS=602.1
fwS=1.78
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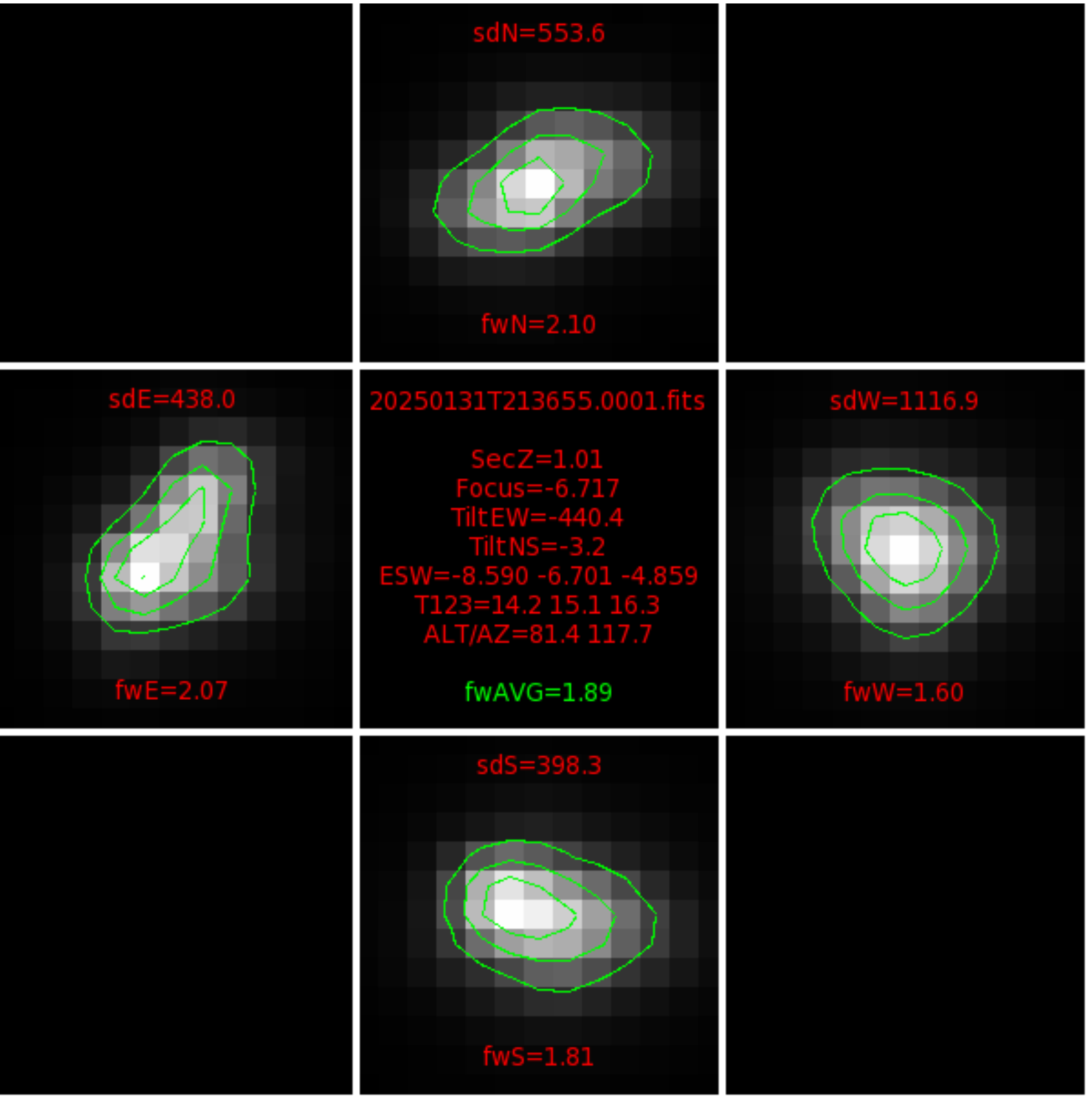
sdN=553.6
fwN=2.10
sdE=438.0
fwE=2.07
20250131T213655.0001.fits
SecZ=1.01
Focus=-6.717
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.590 -6.701 -4.859
T123=14.2 15.1 16.3
ALT/AZ=81.4 117.7
fwAVG=1.89
sdW=1116.9
fwW=1.60
sdS=398.3
fwS=1.81
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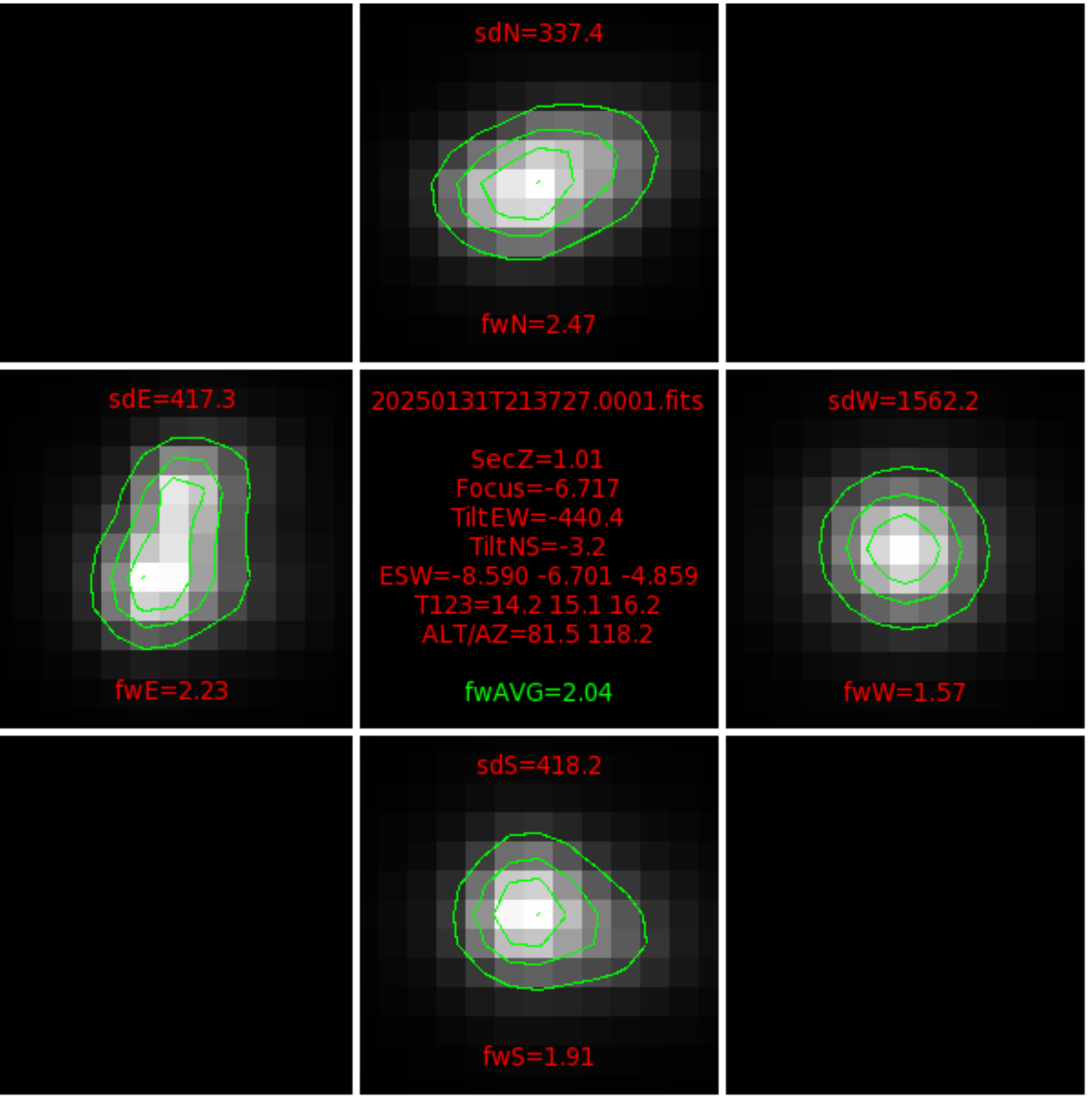
sdN=337.4
fwN=2.47
sdE=417.3
fwE=2.23
20250131T213727.0001.fits
SecZ=1.01
Focus=-6.717
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.590 -6.701 -4.859
T123=14.2 15.1 16.2
ALT/AZ=81.5 118.2
fwAVG=2.04
sdW=1562.2
fwW=1.57
sdS=418.2
fwS=1.91
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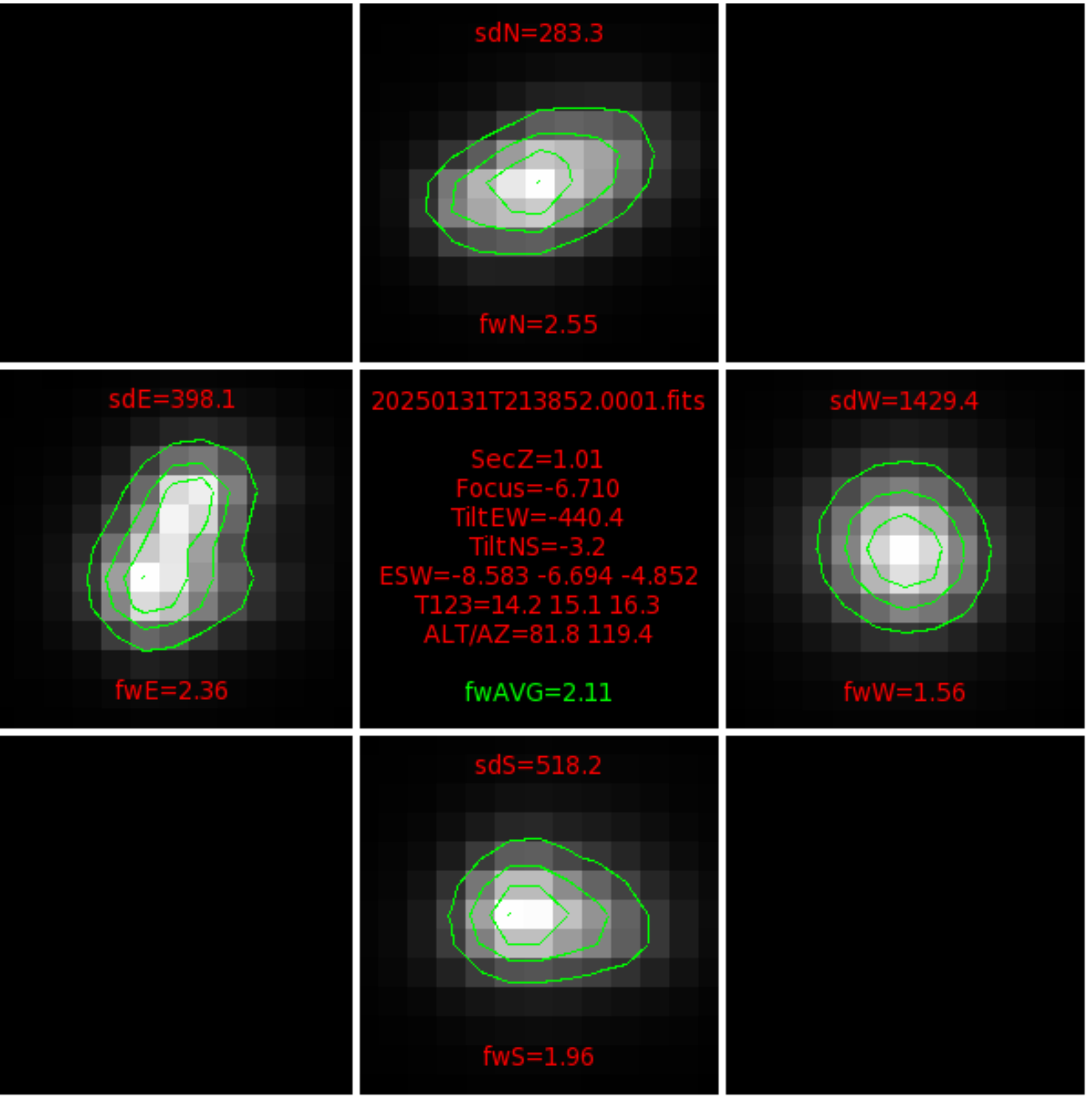
sdN=283.3
fwN=2.55
sdE=398.1
fwE=2.36
20250131T213852.0001.fits
SecZ=1.01
Focus=-6.710
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.583 -6.694 -4.852
T123=14.2 15.1 16.3
ALT/AZ=81.8 119.4
fwAVG=2.11
sdW=1429.4
fwW=1.56
sdS=518.2
fwS=1.96
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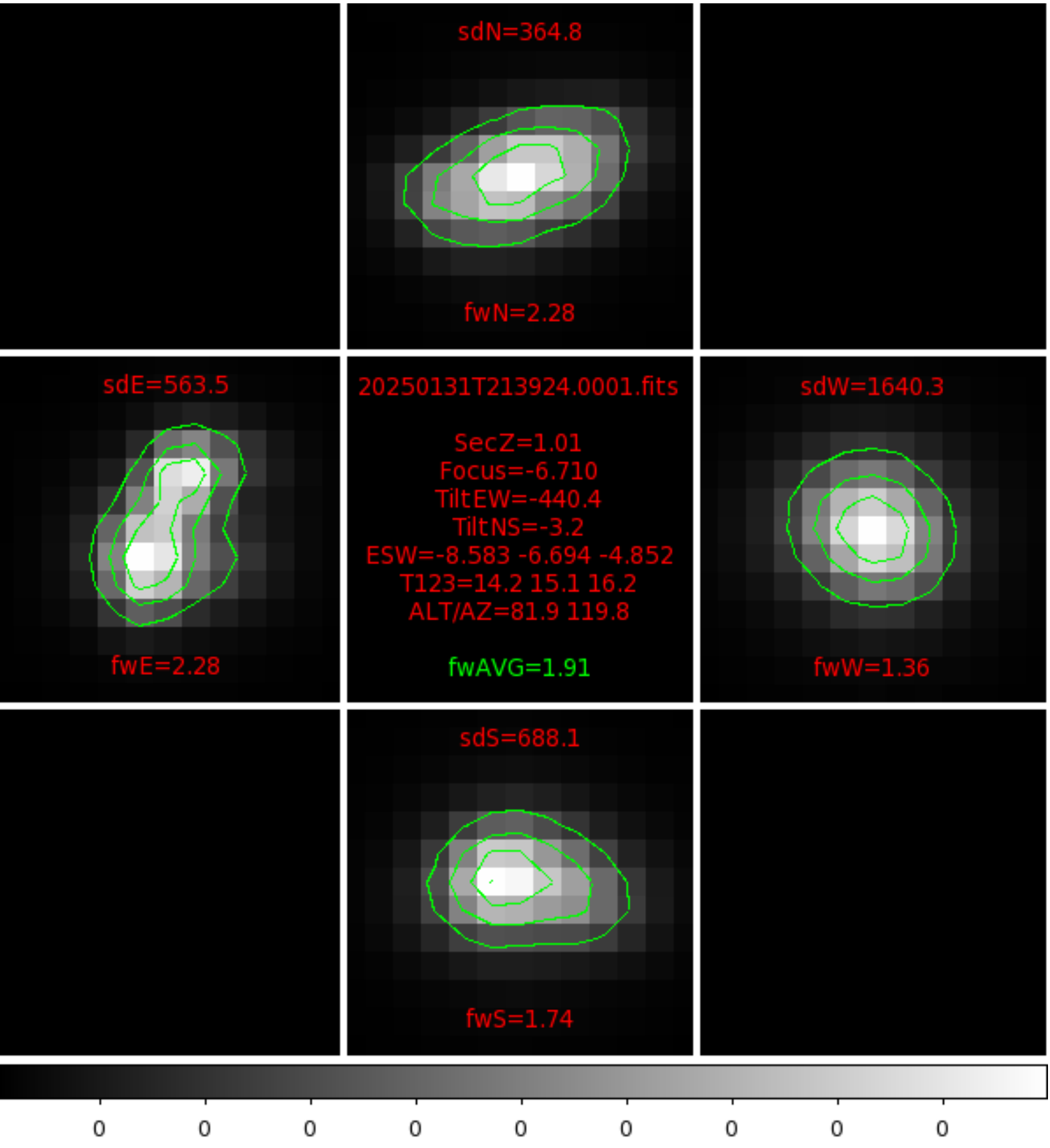
sdN=364.8
fwN=2.28
sdE=563.5
fwE=2.28
20250131T213924.0001.fits
SecZ=1.01
Focus=-6.710
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.583 -6.694 -4.852
T123=14.2 15.1 16.2
ALT/AZ=81.9 119.8
fwAVG=1.91
sdW=1640.3
fwW=1.36
sdS=688.1
fwS=1.74
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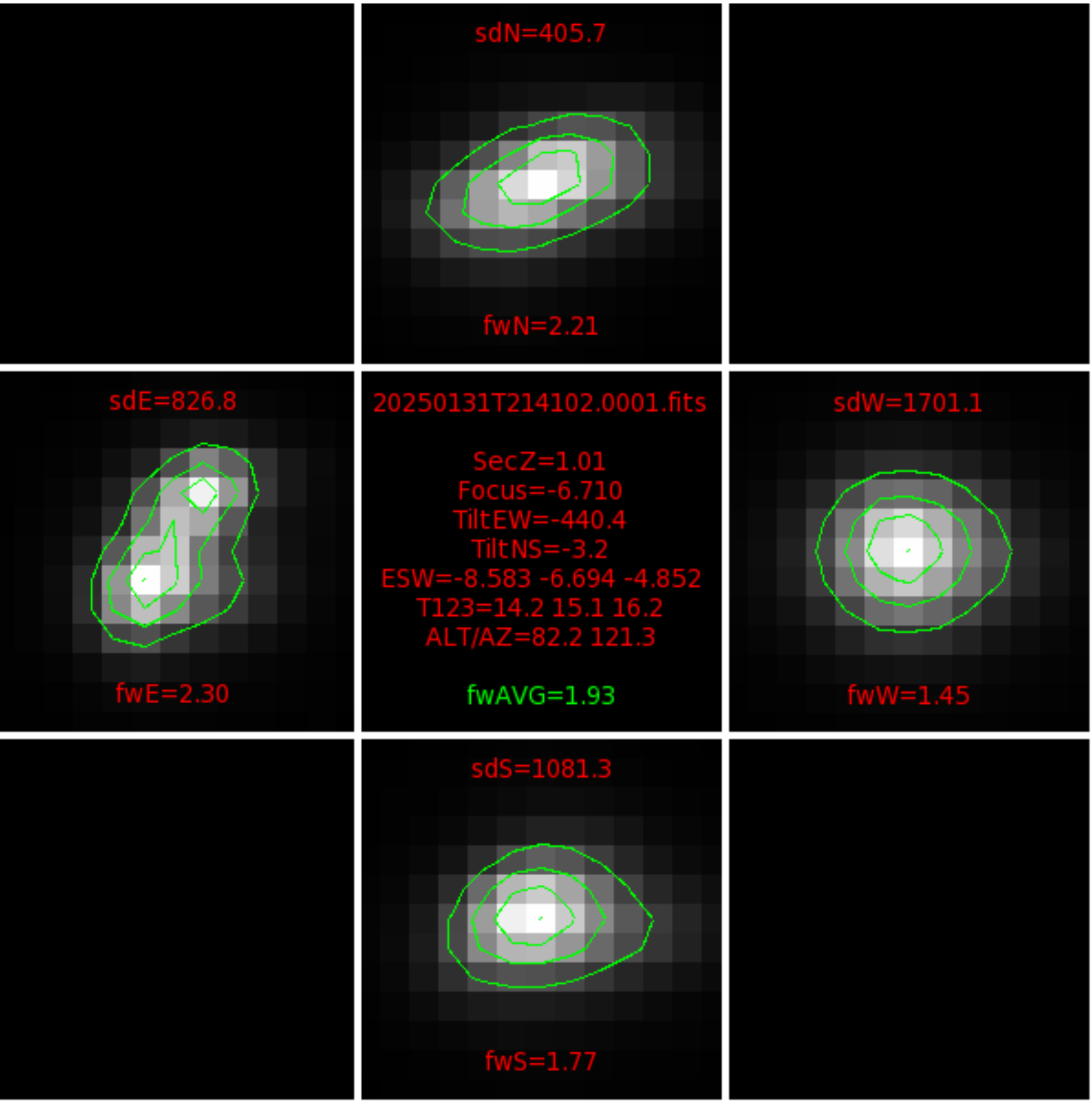
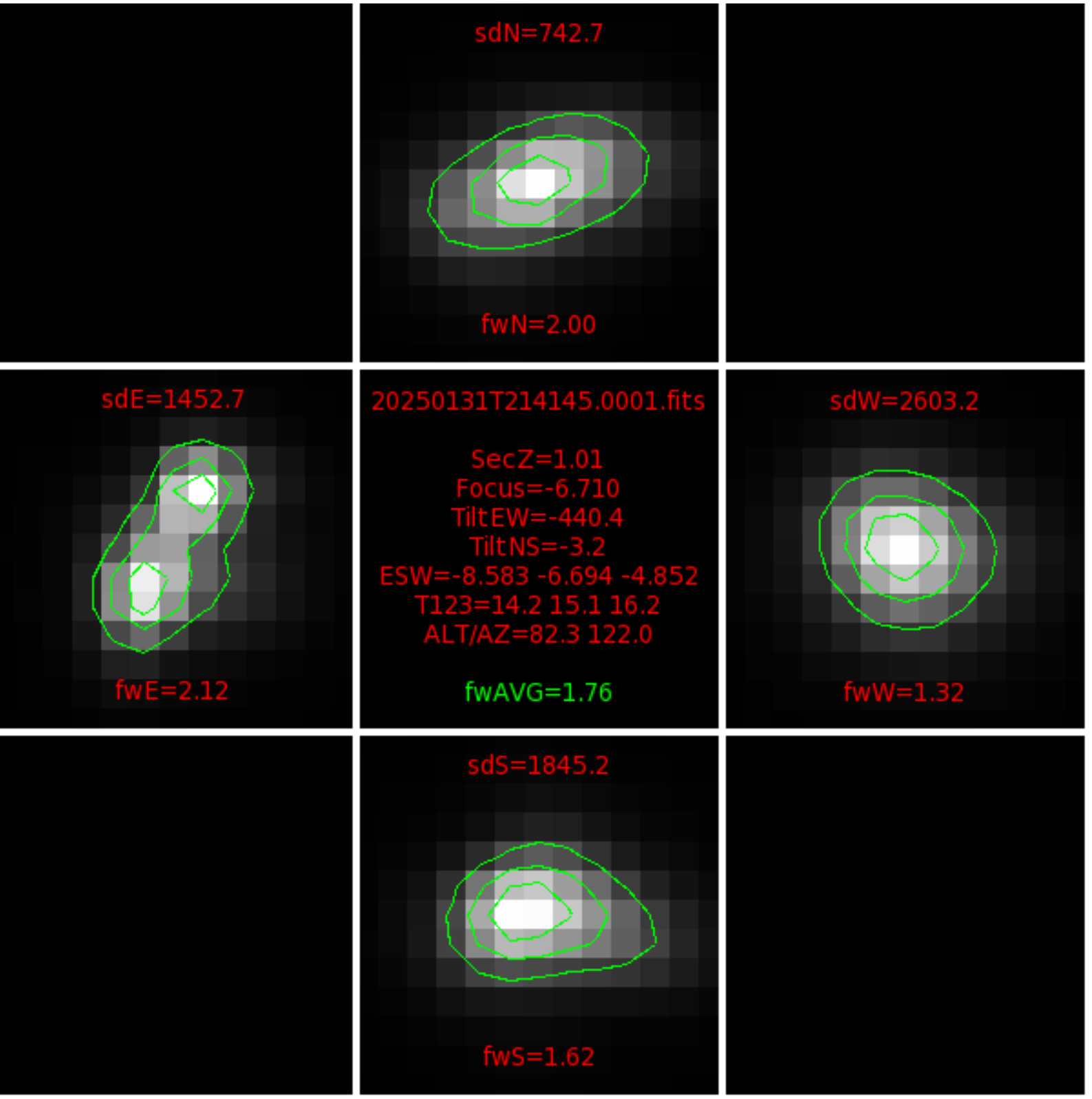

sdN=405.7
fwN=2.21
sdE=826.8
fwE=2.30
20250131T214102.0001.fits
SecZ=1.01
Focus=-6.710
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.583 -6.694 -4.852
T123=14.2 15.1 16.2
ALT/AZ=82.2 121.3
fwAVG=1.93
sdW=1701.1
fwW=1.45
sdS=1081.3
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=742.7
fwN=2.00
sdE=1452.7
fwE=2.12
20250131T214145.0001.fits
SecZ=1.01
Focus=-6.710
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.583 -6.694 -4.852
T123=14.2 15.1 16.2
ALT/AZ=82.3 122.0
fwAVG=1.76
sdW=2603.2
fwW=1.32
sdS=1845.2
fwS=1.62
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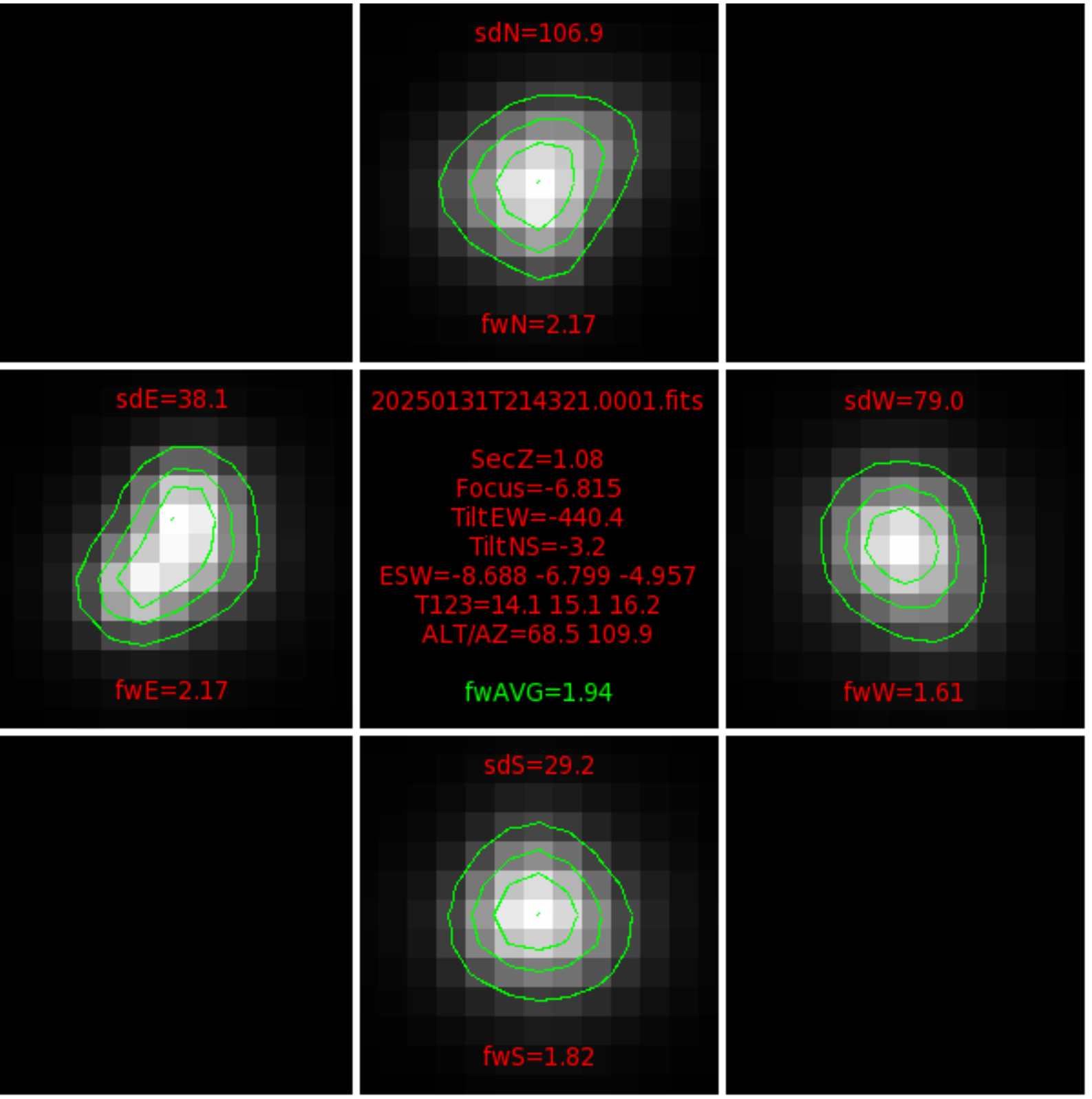
sdN=106.9
fwN=2.17
sdE=38.1
fwE=2.17
20250131T214321.0001.fits
SecZ=1.08
Focus=-6.815
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.688 -6.799 -4.957
T123=14.1 15.1 16.2
ALT/AZ=68.5 109.9
fwAVG=1.94
sdW=79.0
fwW=1.61
sdS=29.2
fwS=1.82
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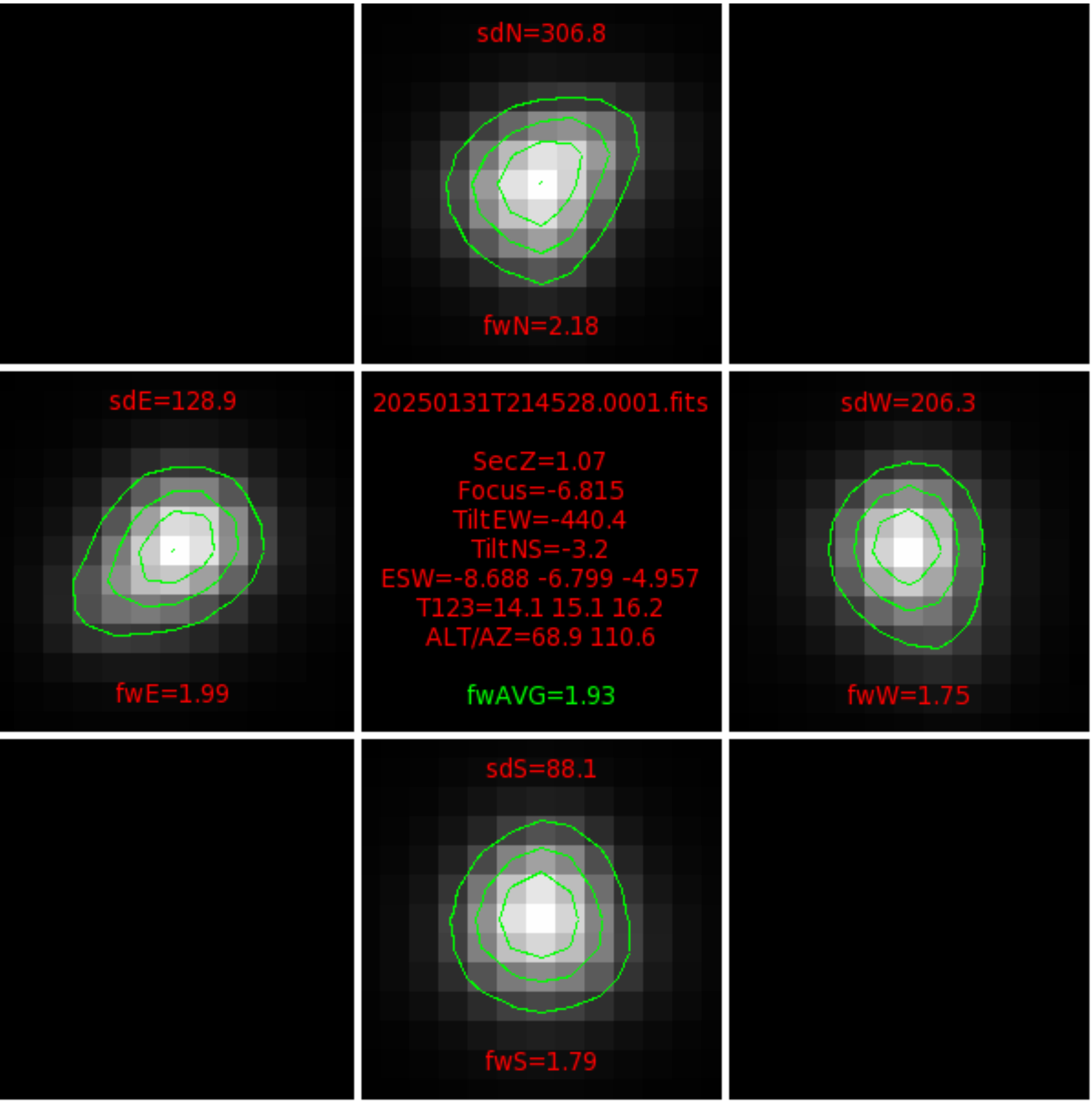
sdN=306.8
fwN=2.18
sdE=128.9
fwE=1.99
20250131T214528.0001.fits
SecZ=1.07
Focus=-6.815
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.688 -6.799 -4.957
T123=14.1 15.1 16.2
ALT/AZ=68.9 110.6
fwAVG=1.93
sdW=206.3
fwW=1.75
sdS=88.1
fwS=1.79
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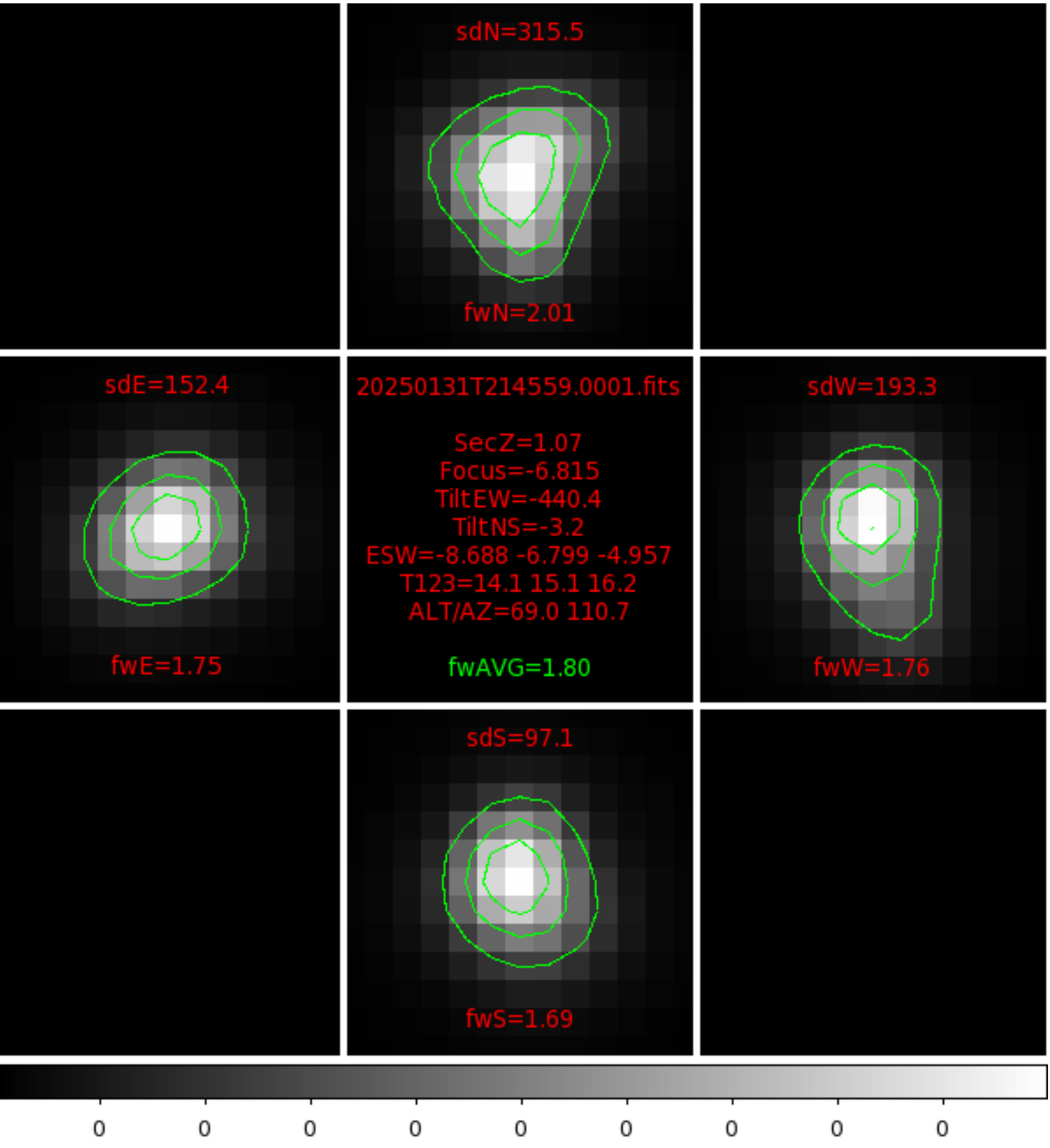
sdN=315.5
fwN=2.01
sdE=152.4
fwE=1.75
20250131T214559.0001.fits
SecZ=1.07
Focus=-6.815
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.688 -6.799 -4.957
T123=14.1 15.1 16.2
ALT/AZ=69.0 110.7
fwAVG=1.80
sdW=193.3
fwW=1.76
sdS=97.1
fwS=1.69
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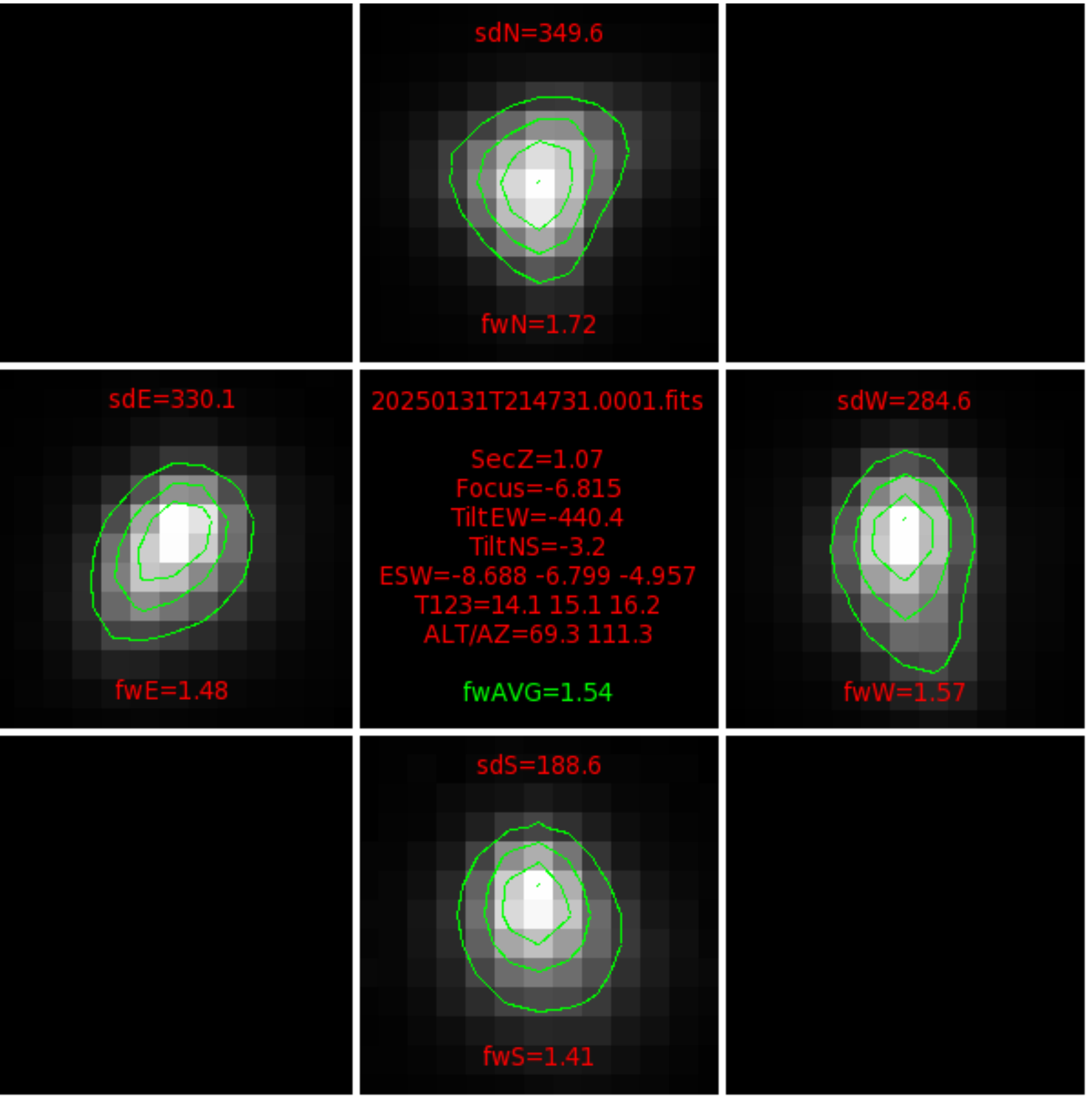
sdN=349.6
fwN=1.72
sdE=330.1
fwE=1.48
20250131T214731.0001.fits
SecZ=1.07
Focus=-6.815
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.688 -6.799 -4.957
T123=14.1 15.1 16.2
ALT/AZ=69.3 111.3
fwAVG=1.54
sdW=284.6
fwW=1.57
sdS=188.6
fwS=1.41
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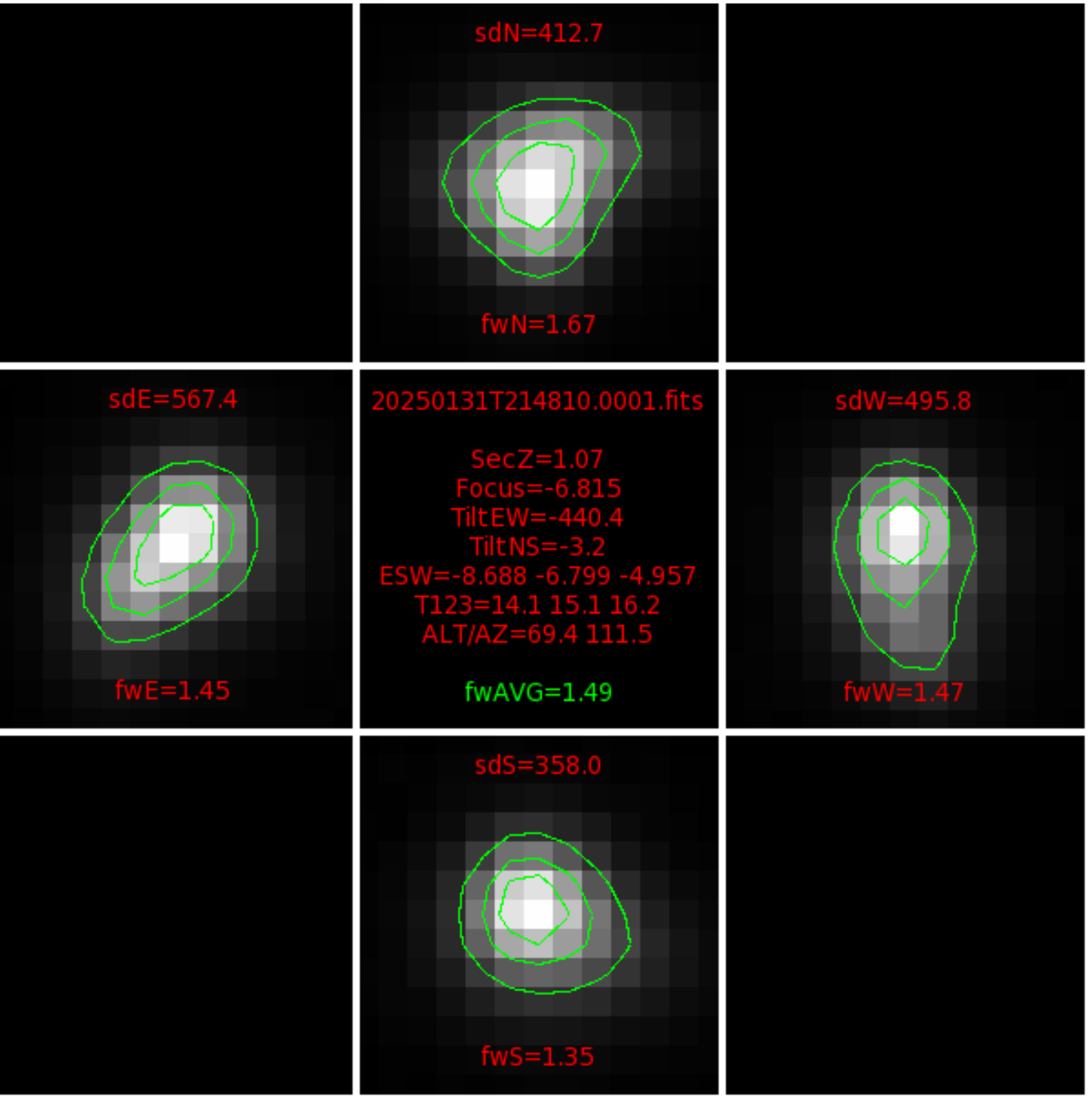
sdN=412.7
fwN=1.67
sdE=567.4
fwE=1.45
20250131T214810.0001.fits
SecZ=1.07
Focus=-6.815
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.688 -6.799 -4.957
T123=14.1 15.1 16.2
ALT/AZ=69.4 111.5
fwAVG=1.49
sdW=495.8
fwW=1.47
sdS=358.0
fwS=1.35
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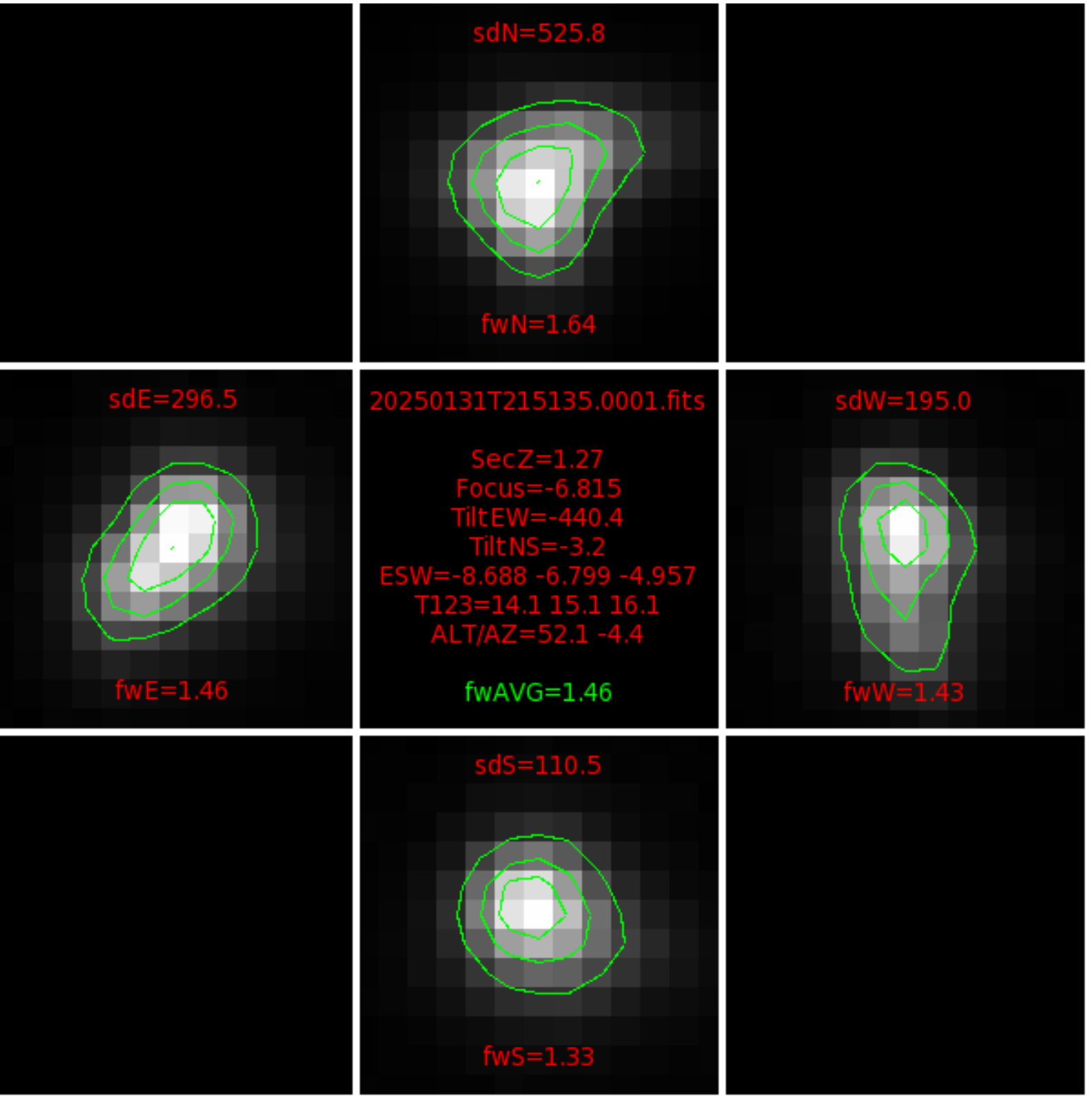
sdN=525.8
fwN=1.64
sdE=296.5
fwE=1.46
20250131T215135.0001.fits
SecZ=1.27
Focus=-6.815
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.688 -6.799 -4.957
T123=14.1 15.1 16.1
ALT/AZ=52.1 -4.4
fwAVG=1.46
sdW=195.0
fwW=1.43
sdS=110.5
fwS=1.33
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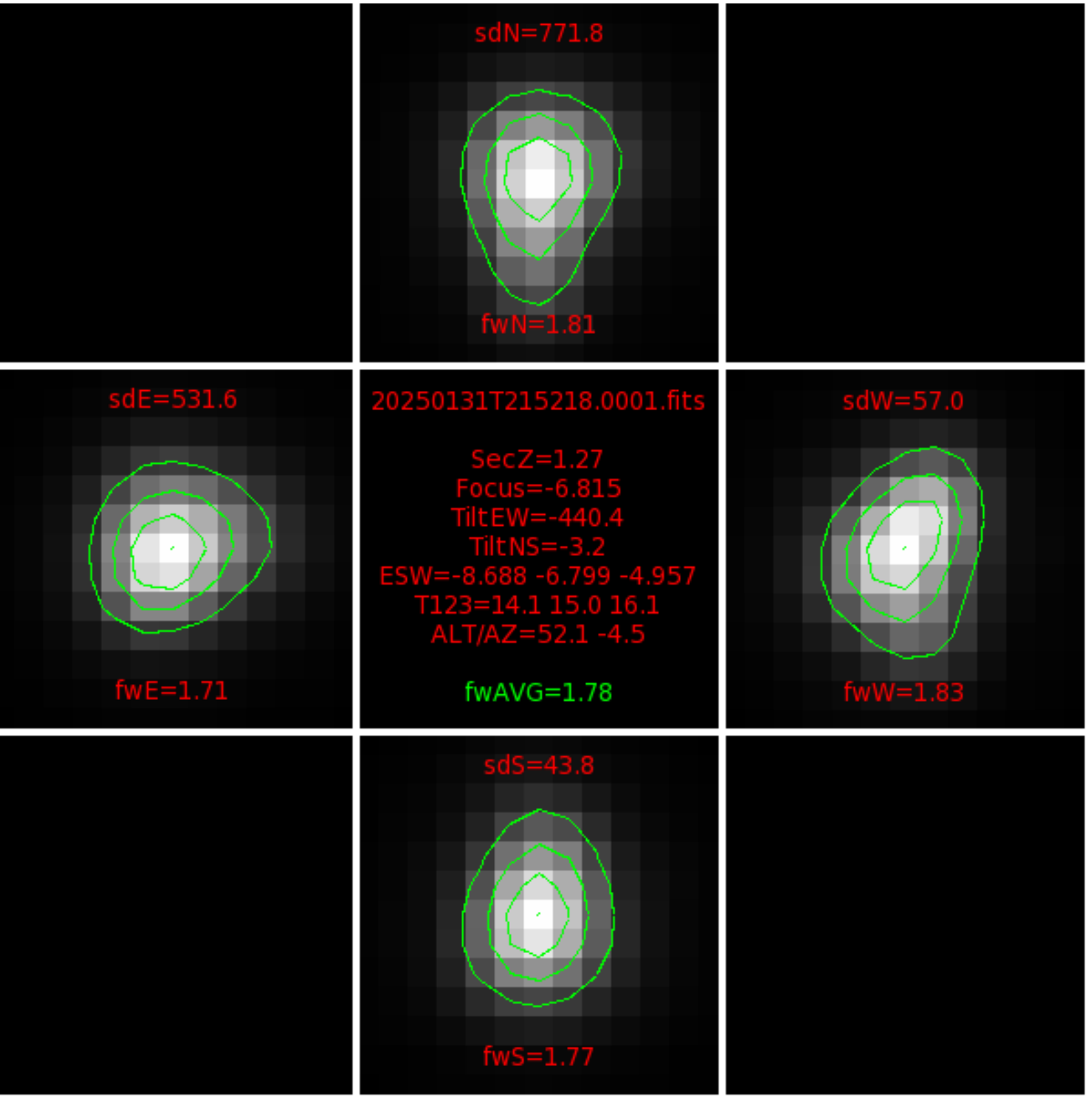
sdN=771.8
fwN=1.81
sdE=531.6
fwE=1.71
20250131T215218.0001.fits
SecZ=1.27
Focus=-6.815
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.688 -6.799 -4.957
T123=14.1 15.0 16.1
ALT/AZ=52.1 -4.5
fwAVG=1.78
sdW=57.0
fwW=1.83
sdS=43.8
fwS=1.77
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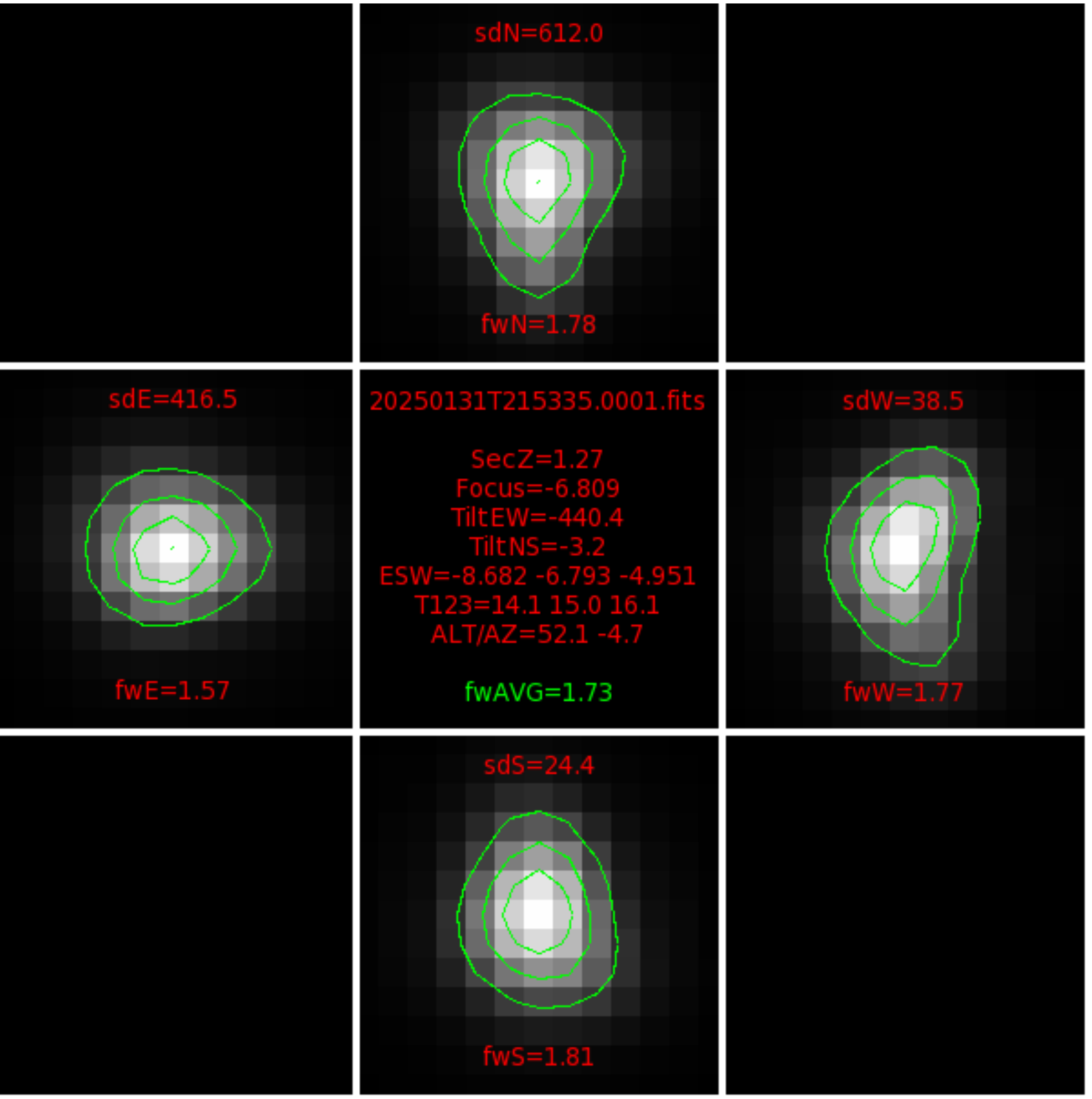
sdN=612.0
fwN=1.78
sdE=416.5
fwE=1.57
20250131T215335.0001.fits
SecZ=1.27
Focus=-6.809
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.682 -6.793 -4.951
T123=14.1 15.0 16.1
ALT/AZ=52.1 -4.7
fwAVG=1.73
sdW=38.5
fwW=1.77
sdS=24.4
fwS=1.81
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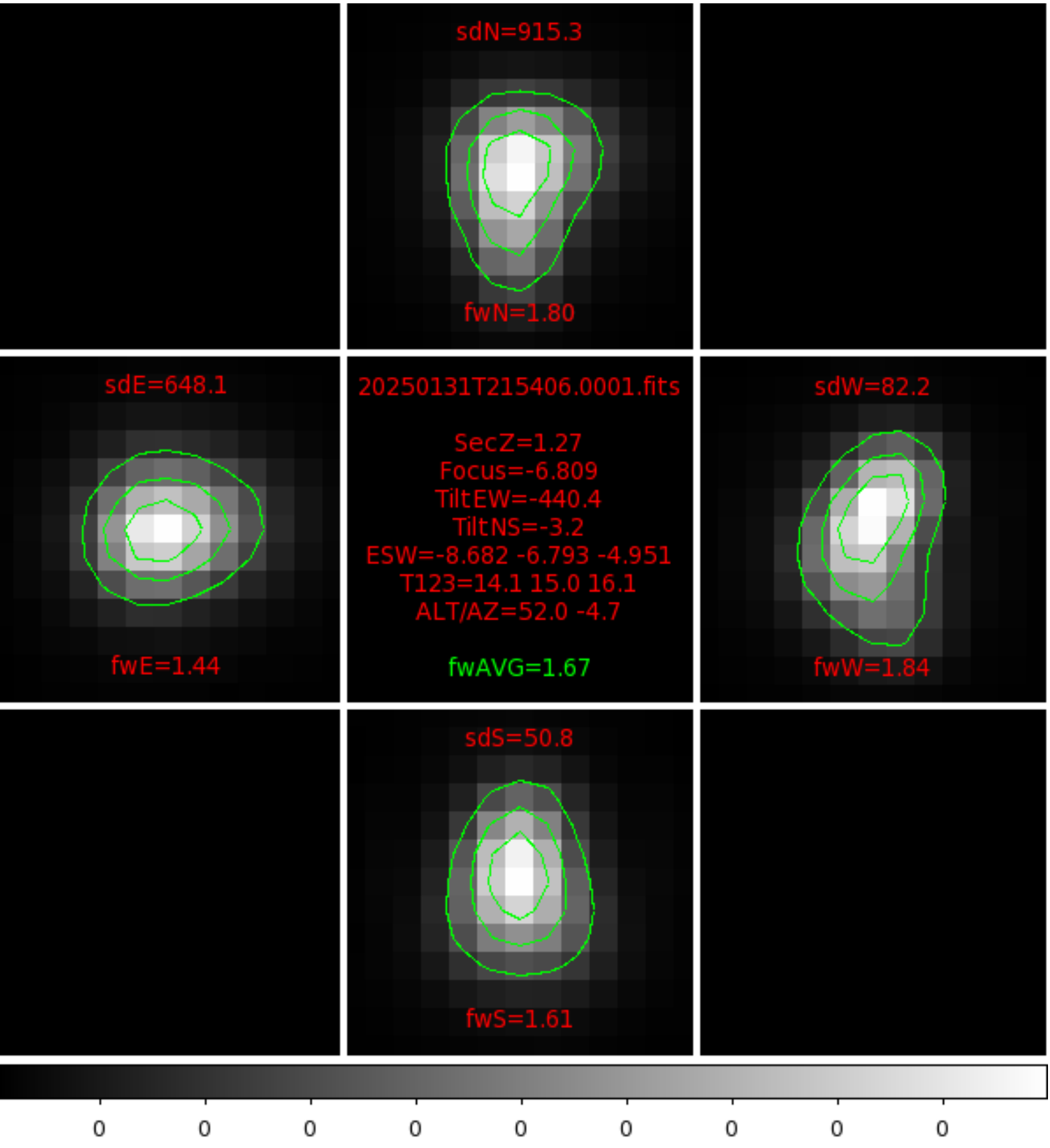
sdN=915.3
fwN=1.80
sdE=648.1
fwE=1.44
20250131T215406.0001.fits
SecZ=1.27
Focus=-6.809
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.682 -6.793 -4.951
T123=14.1 15.0 16.1
ALT/AZ=52.0 -4.7
fwAVG=1.67
sdW=82.2
fwW=1.84
sdS=50.8
fwS=1.61
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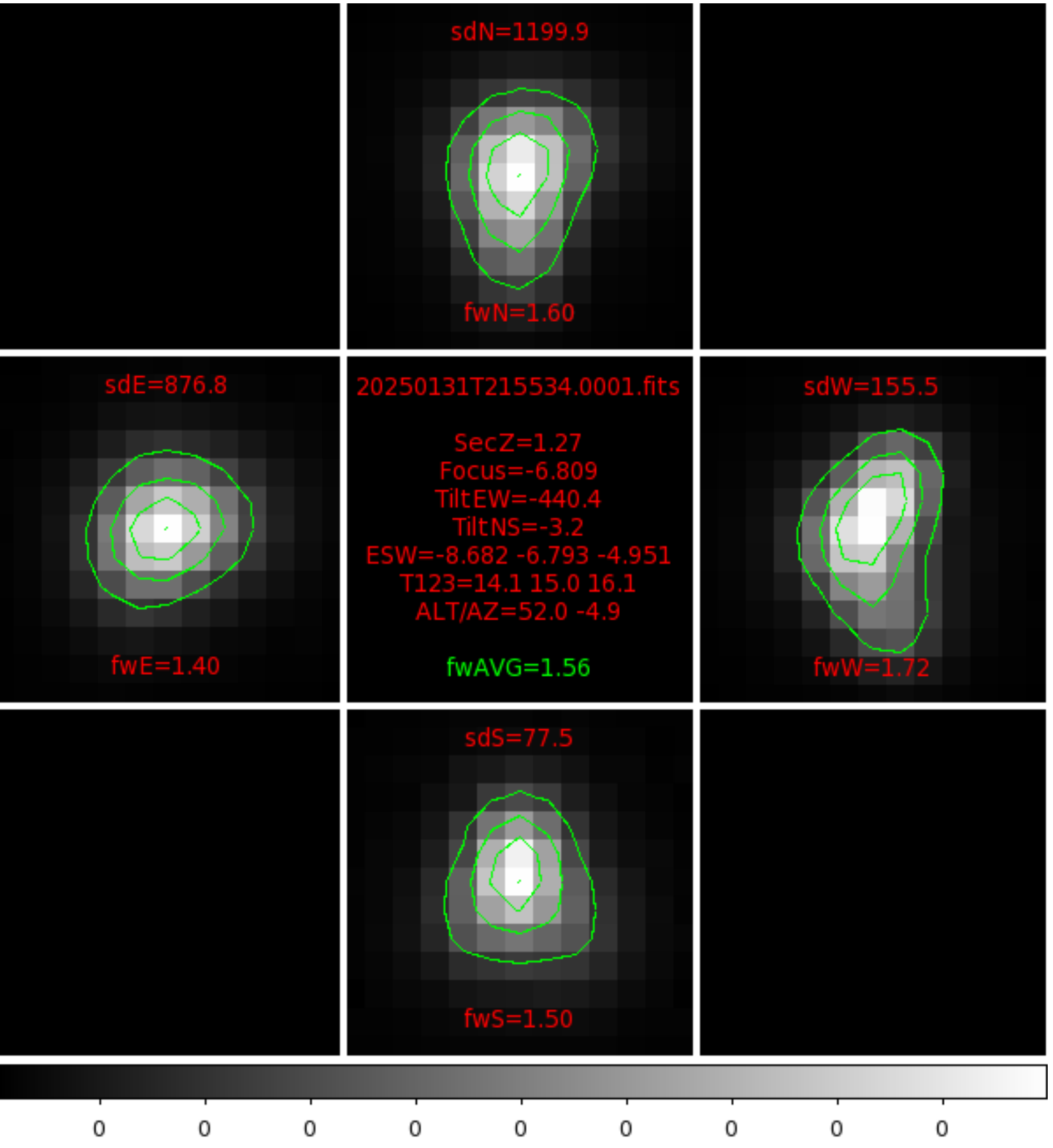
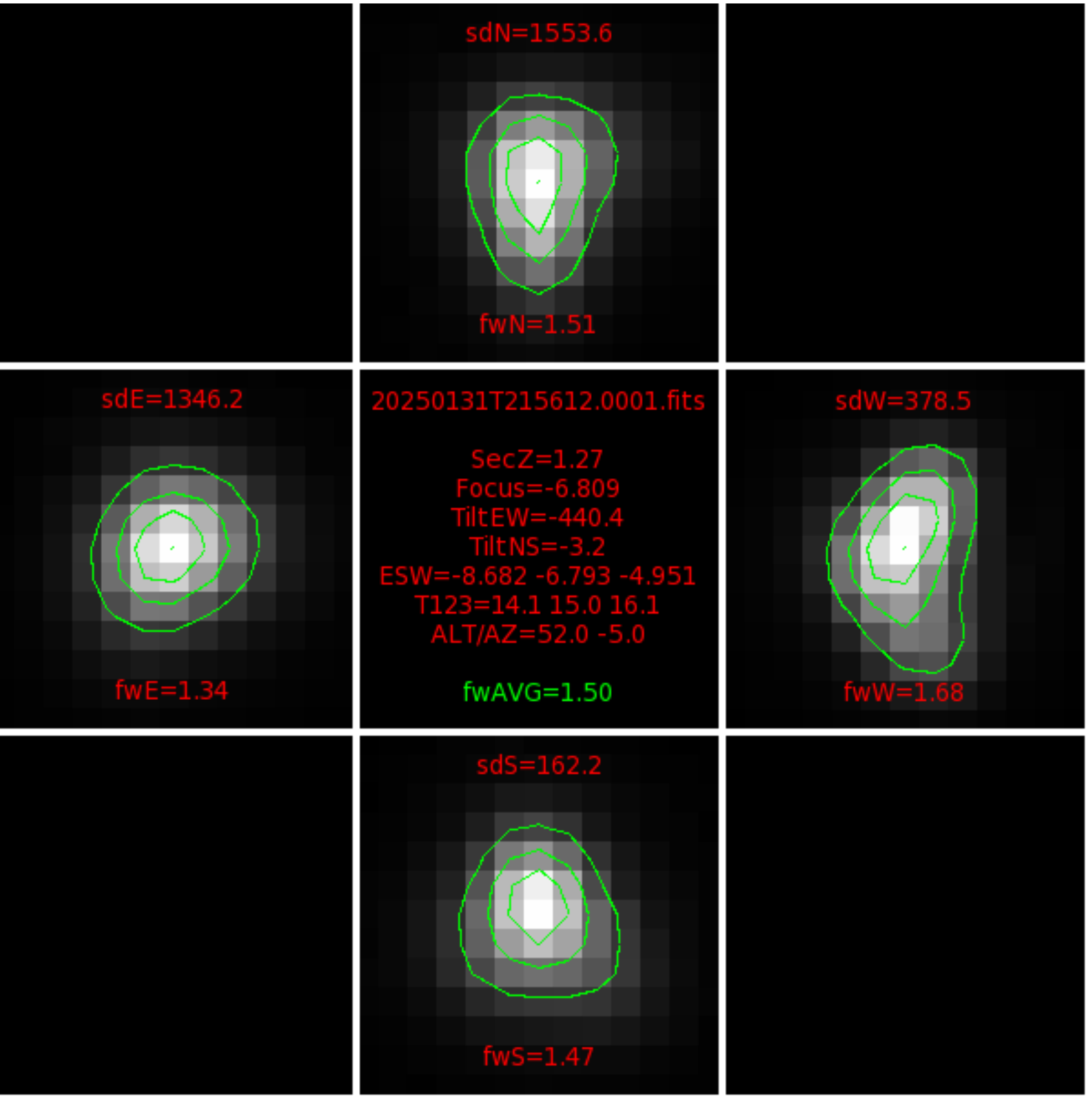

sdN=1199.9
fwN=1.60
sdE=876.8
fwE=1.40
20250131T215534.0001.fits
SecZ=1.27
Focus=-6.809
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.682 -6.793 -4.951
T123=14.1 15.0 16.1
ALT/AZ=52.0 -4.9
fwAVG=1.56
sdW=155.5
fwW=1.72
sdS=77.5
fwS=1.50
0 0 0 0 0 0 0 0 0


sdN=1553.6
fwN=1.51
sdE=1346.2
fwE=1.34
20250131T215612.0001.fits
SecZ=1.27
Focus=-6.809
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.682 -6.793 -4.951
T123=14.1 15.0 16.1
ALT/AZ=52.0 -5.0
fwAVG=1.50
sdW=378.5
fwW=1.68
sdS=162.2
fwS=1.47
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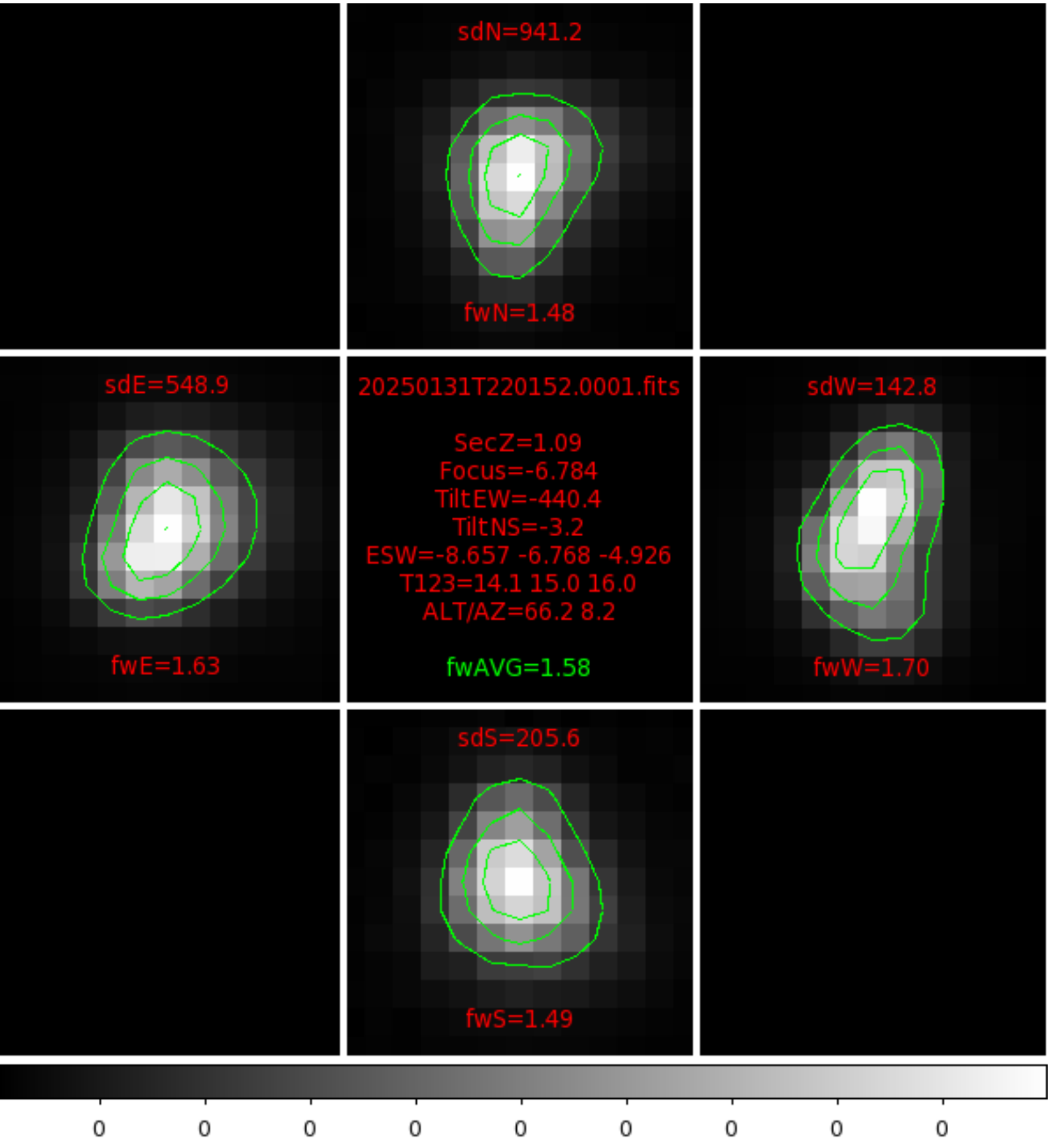
sdN=941.2
fwN=1.48
sdE=548.9
fwE=1.63
20250131T220152.0001.fits
SecZ=1.09
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=14.1 15.0 16.0
ALT/AZ=66.2 8.2
fwAVG=1.58
sdW=142.8
fwW=1.70
sdS=205.6
fwS=1.49
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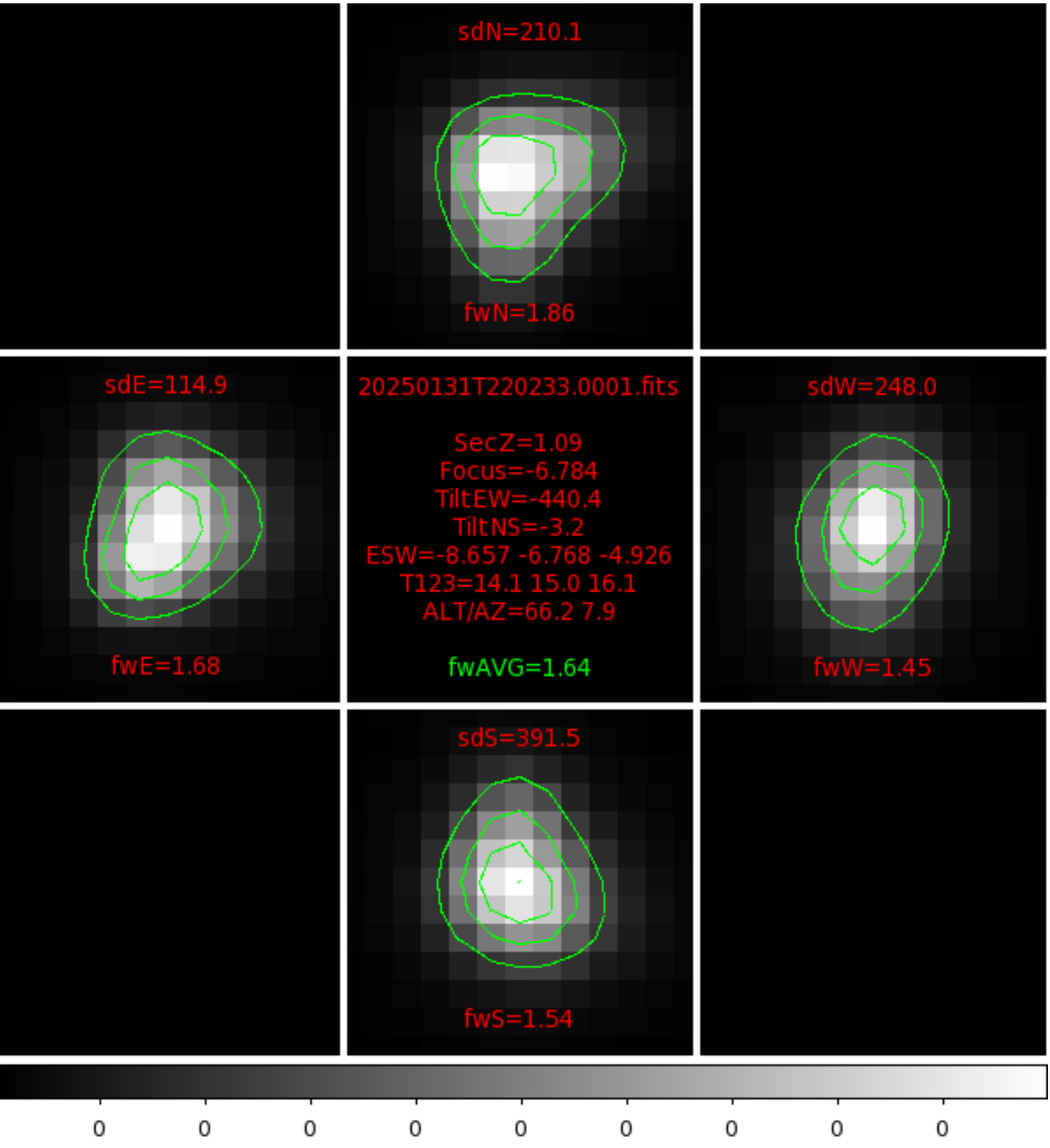
sdN=210.1
fwN=1.86
sdE=114.9
fwE=1.68
20250131T220233.0001.fits
SecZ=1.09
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=14.1 15.0 16.1
ALT/AZ=66.2 7.9
fwAVG=1.64
sdW=248.0
fwW=1.45
sdS=391.5
fwS=1.54
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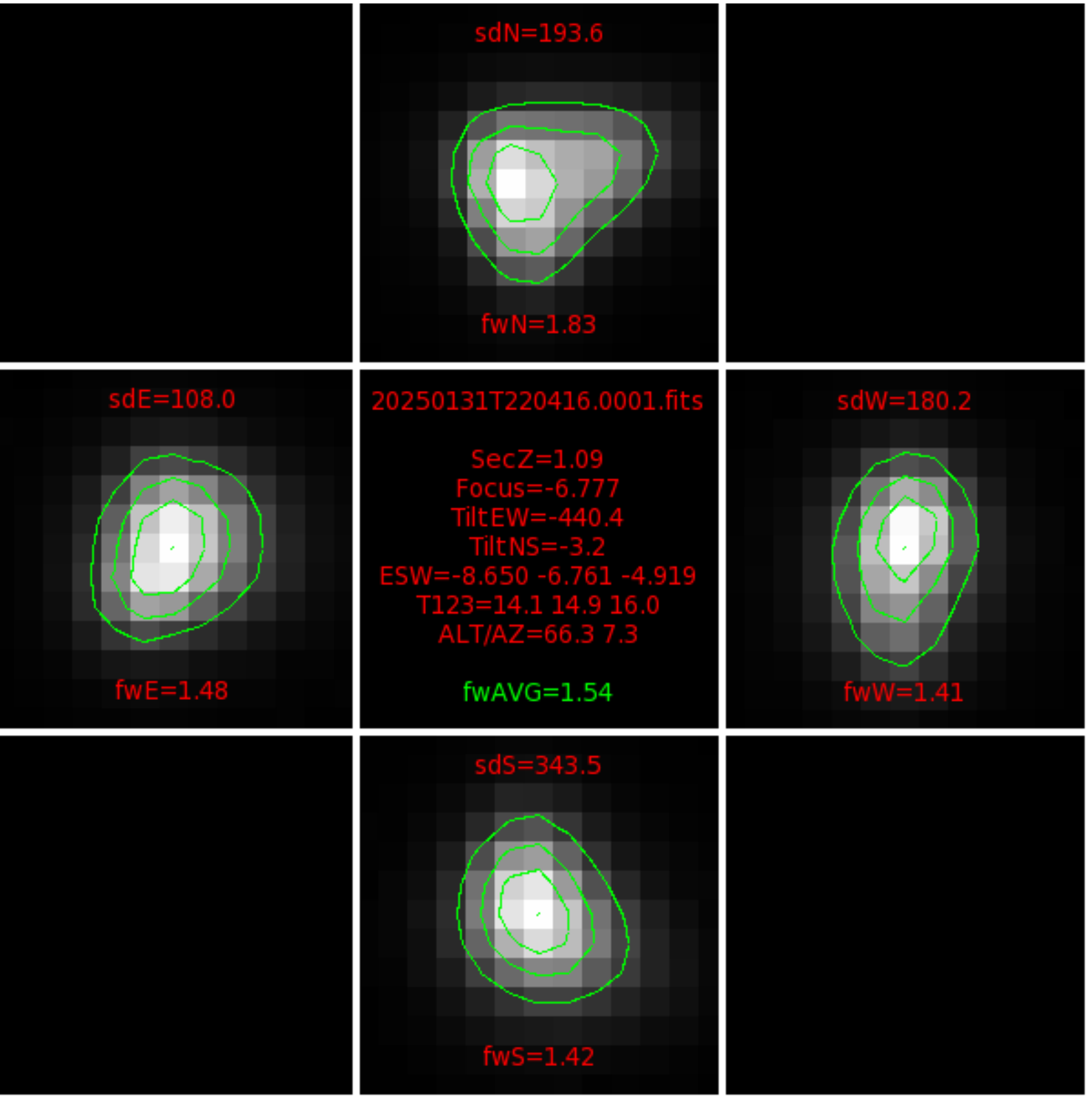
sdN=193.6
fwN=1.83
sdE=108.0
fwE=1.48
20250131T220416.0001.fits
SecZ=1.09
Focus=-6.777
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.650 -6.761 -4.919
T123=14.1 14.9 16.0
ALT/AZ=66.3 7.3
fwAVG=1.54
sdW=180.2
fwW=1.41
sdS=343.5
fwS=1.42
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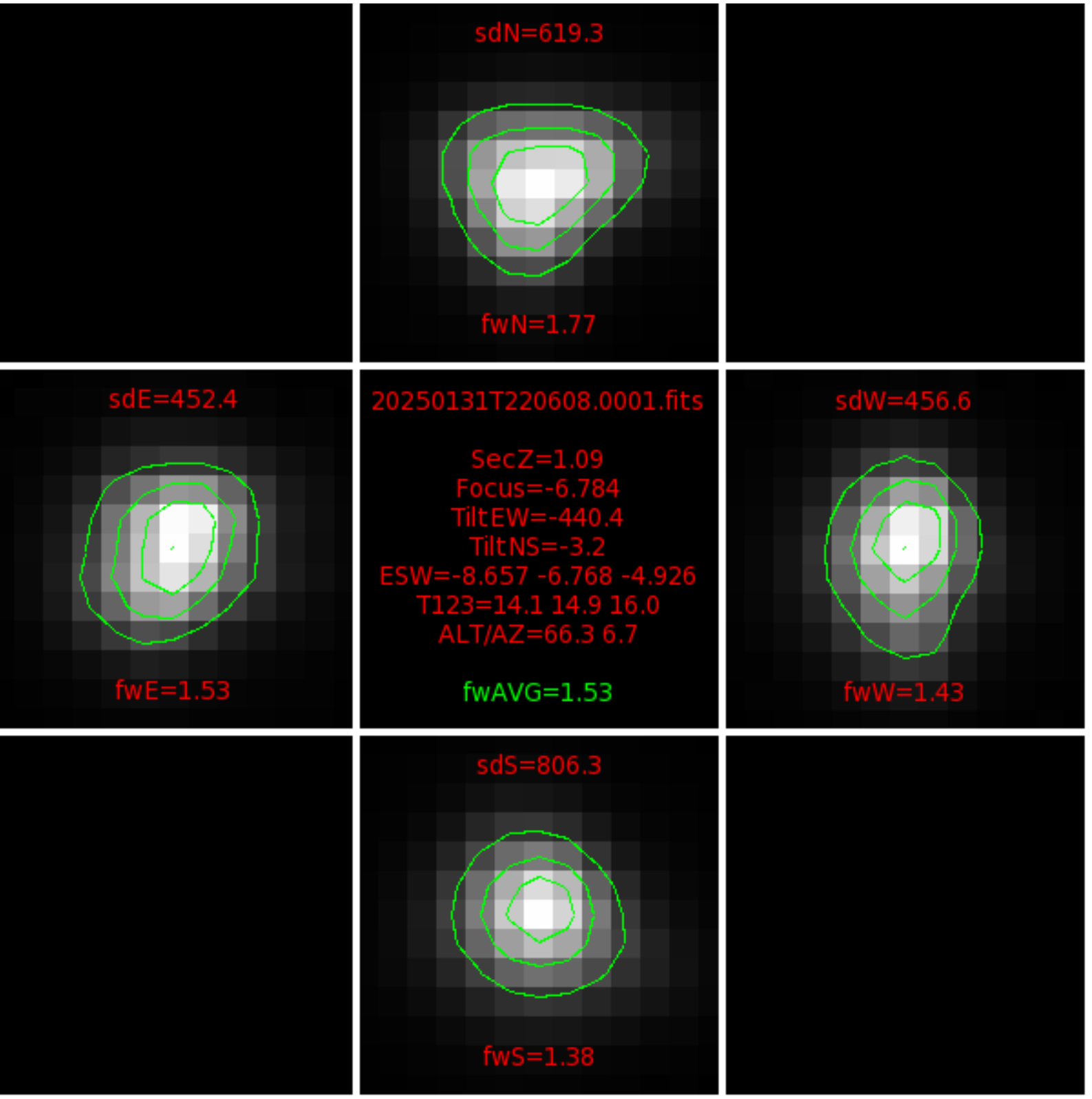
sdN=619.3
fwN=1.77
sdE=452.4
fwE=1.53
20250131T220608.0001.fits
SecZ=1.09
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=14.1 14.9 16.0
ALT/AZ=66.3 6.7
fwAVG=1.53
sdW=456.6
fwW=1.43
sdS=806.3
fwS=1.38
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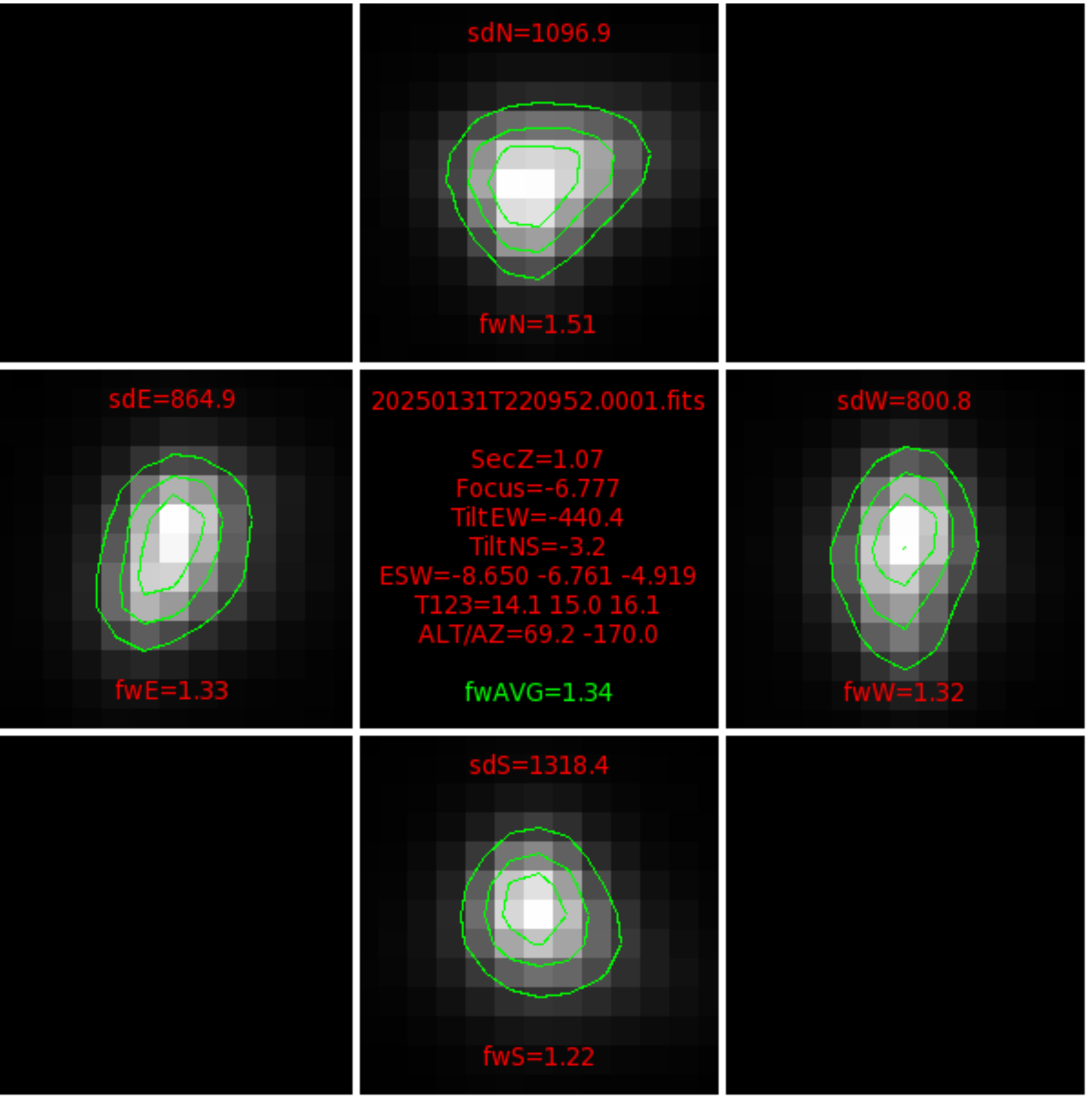
sdN=1096.9
fwN=1.51
sdE=864.9
fwE=1.33
20250131T220952.0001.fits
SecZ=1.07
Focus=-6.777
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.650 -6.761 -4.919
T123=14.1 15.0 16.1
ALT/AZ=69.2 -170.0
fwAVG=1.34
sdW=800.8
fwW=1.32
sdS=1318.4
fwS=1.22
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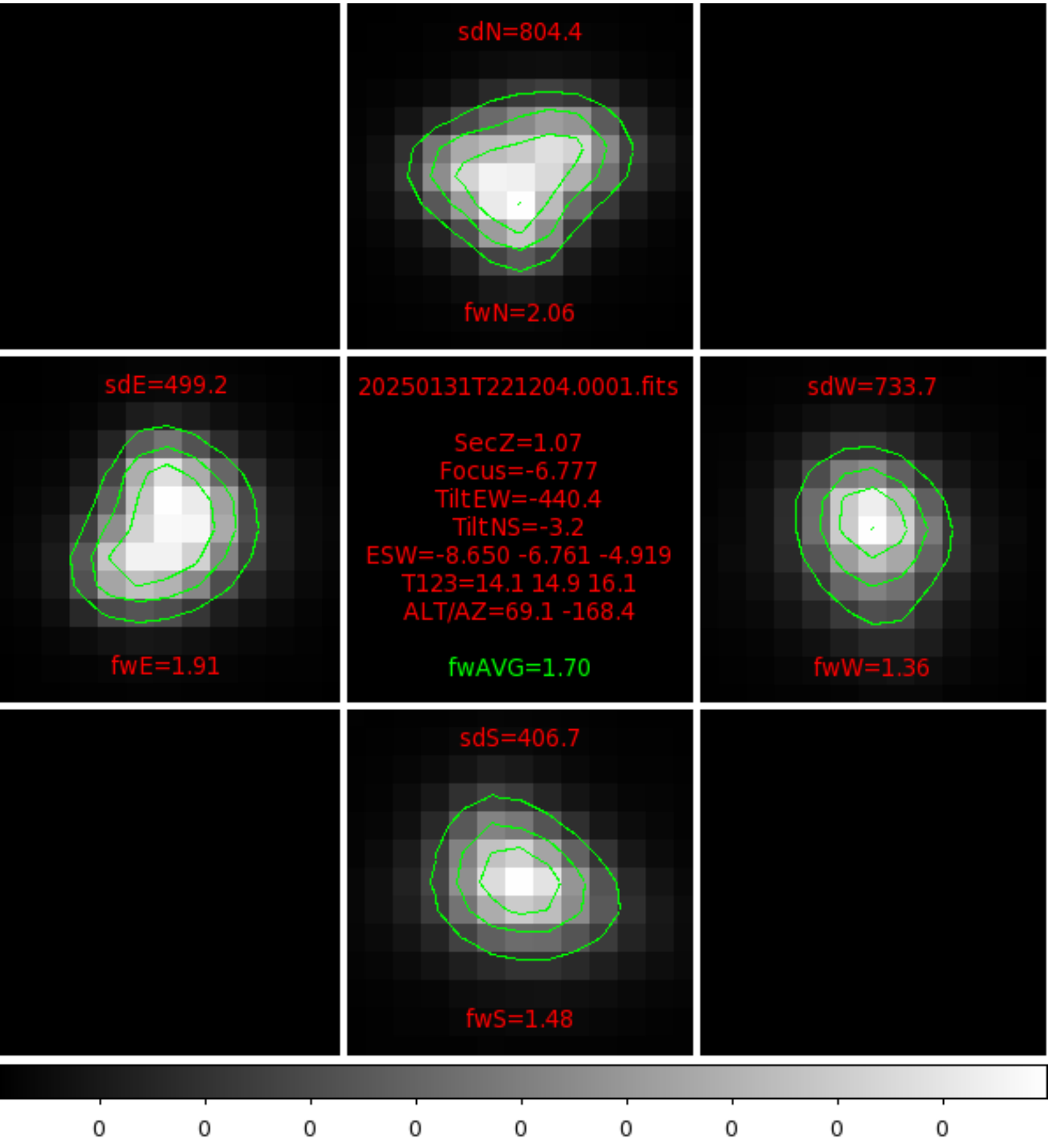
sdN=804.4
fwN=2.06
sdE=499.2
fwE=1.91
20250131T221204.0001.fits
SecZ=1.07
Focus=-6.777
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.650 -6.761 -4.919
T123=14.1 14.9 16.1
ALT/AZ=69.1 -168.4
fwAVG=1.70
sdW=733.7
fwW=1.36
sdS=406.7
fwS=1.48
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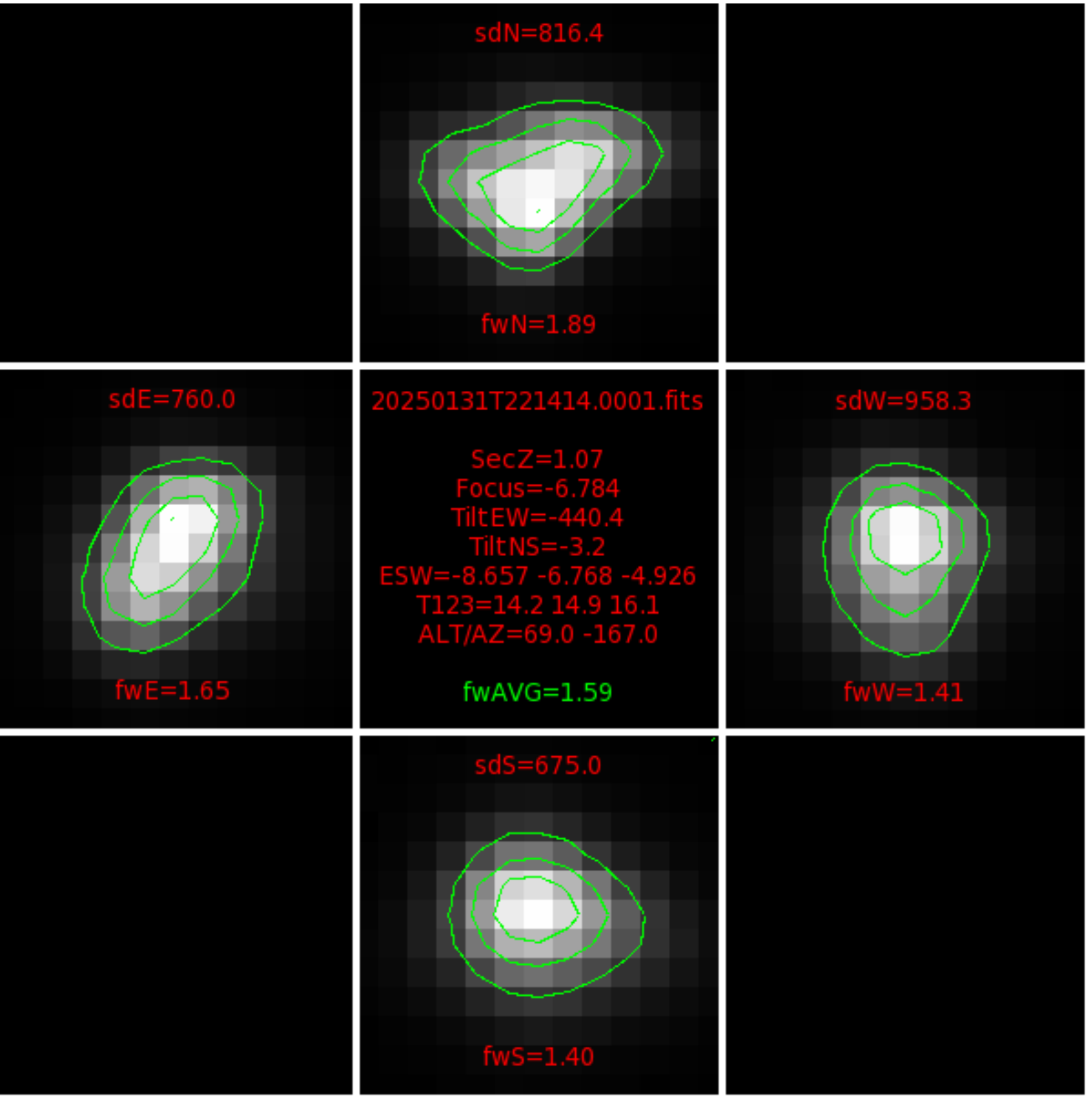
sdN=816.4
fwN=1.89
sdE=760.0
fwE=1.65
20250131T221414.0001.fits
SecZ=1.07
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=14.2 14.9 16.1
ALT/AZ=69.0 -167.0
fwAVG=1.59
sdW=958.3
fwW=1.41
sdS=675.0
fwS=1.40
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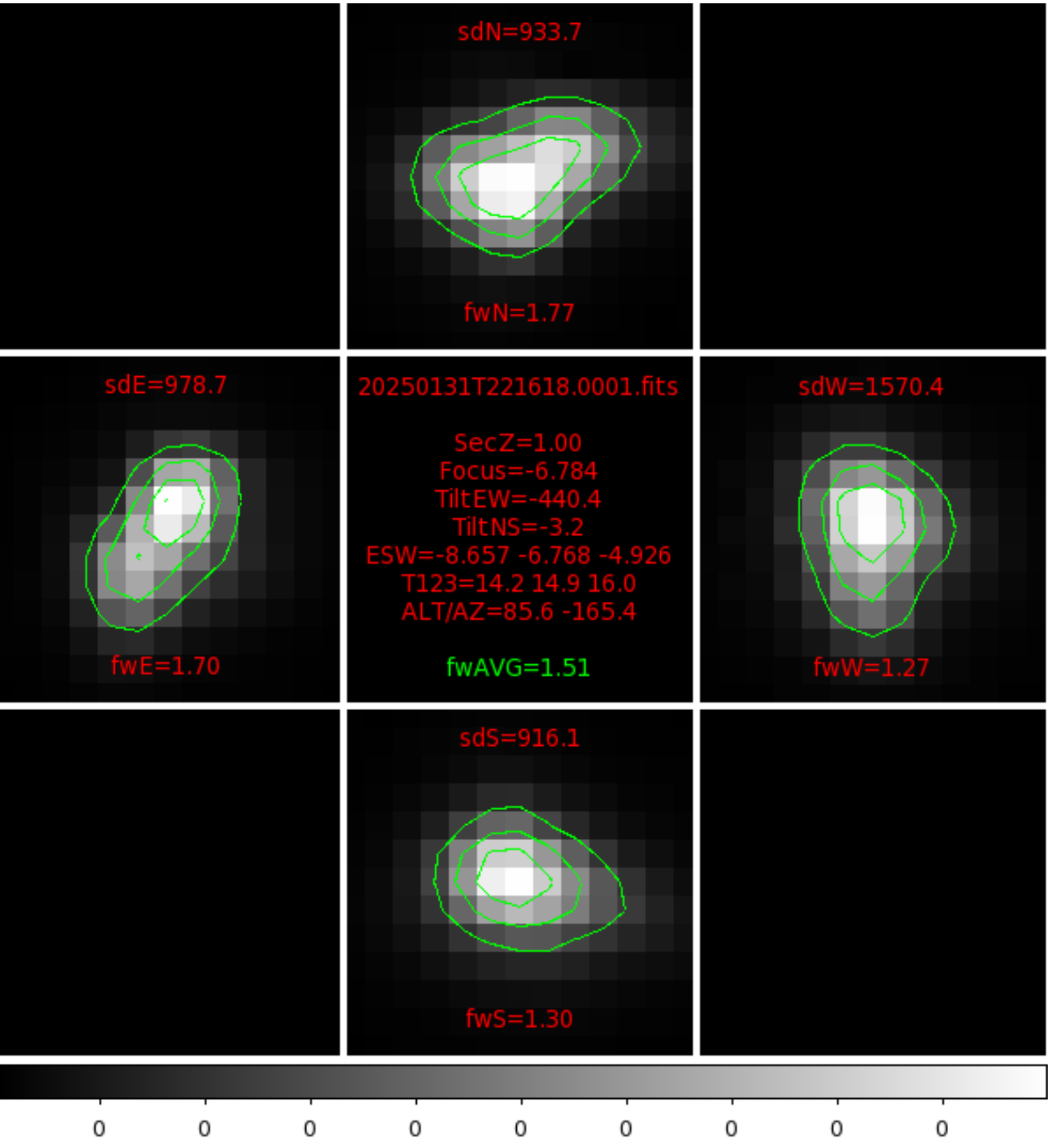
sdN=933.7
fwN=1.77
sdE=978.7
fwE=1.70
20250131T221618.0001.fits
SecZ=1.00
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=14.2 14.9 16.0
ALT/AZ=85.6 -165.4
fwAVG=1.51
sdW=1570.4
fwW=1.27
sdS=916.1
fwS=1.30
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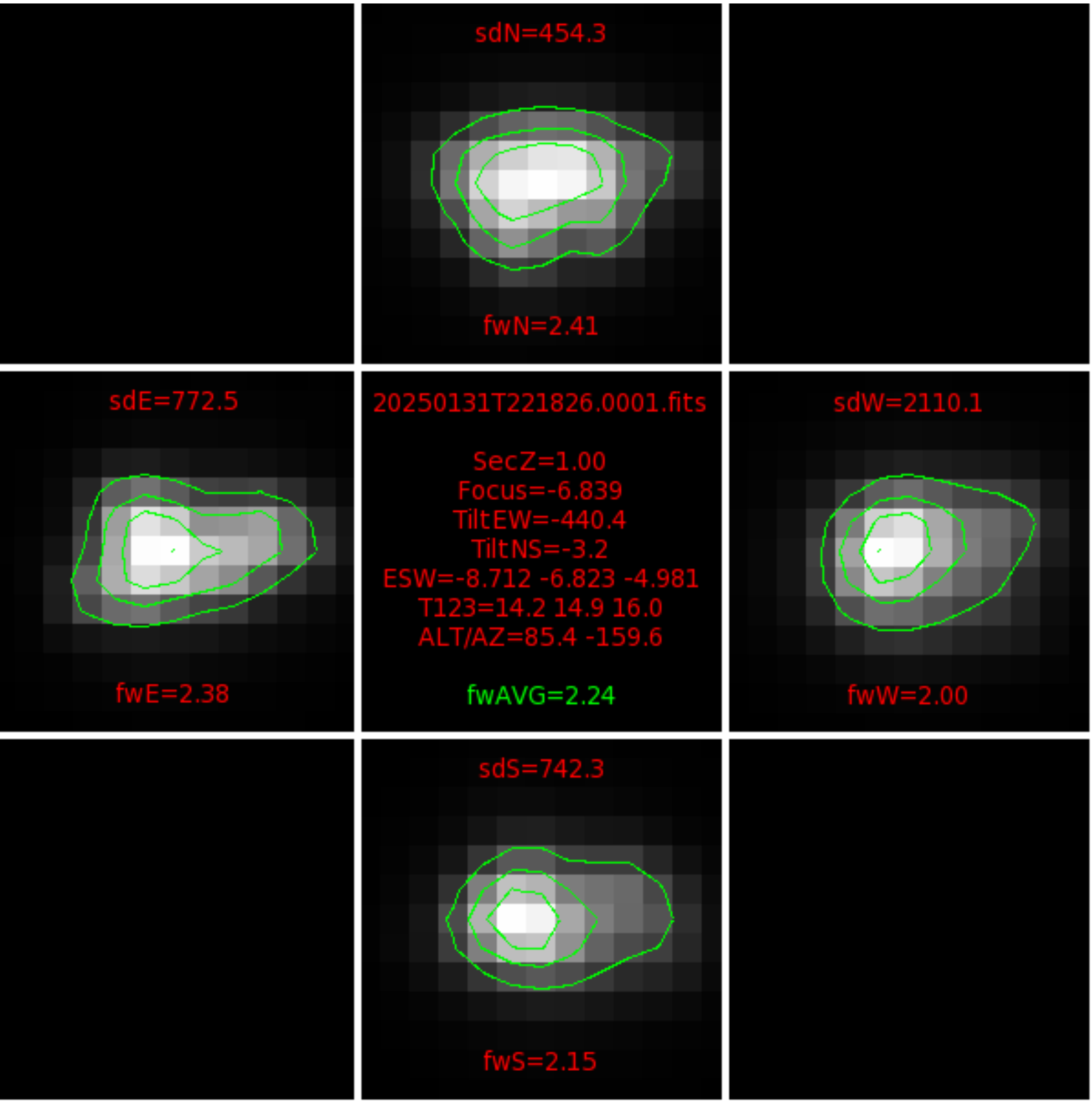
sdN=454.3
fwN=2.41
sdE=772.5
fwE=2.38
20250131T221826.0001.fits
SecZ=1.00
Focus=-6.839
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.712 -6.823 -4.981
T123=14.2 14.9 16.0
ALT/AZ=85.4 -159.6
fwAVG=2.24
sdW=2110.1
fwW=2.00
sdS=742.3
fwS=2.15
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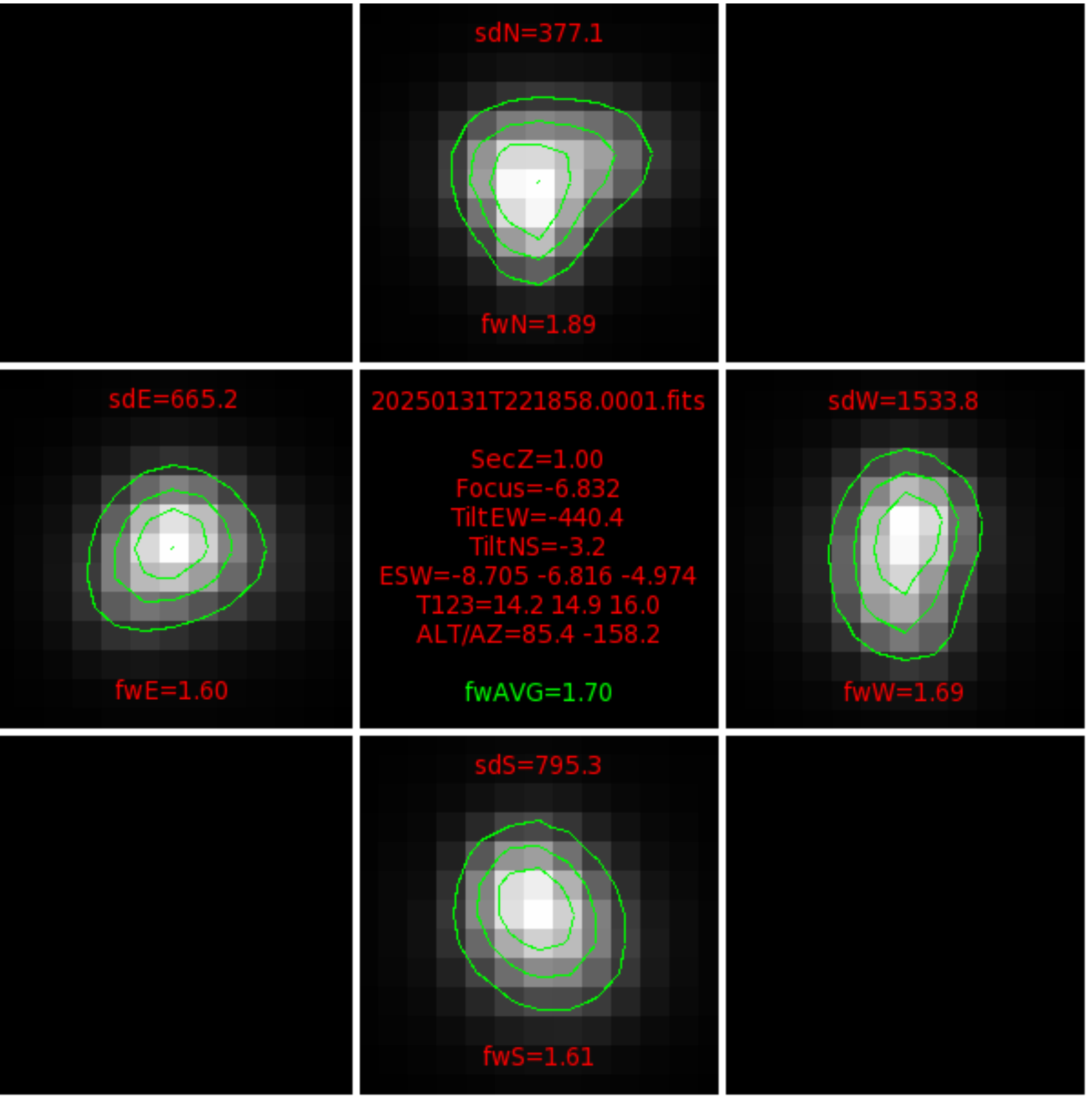
sdN=377.1
fwN=1.89
sdE=665.2
fwE=1.60
20250131T221858.0001.fits
SecZ=1.00
Focus=-6.832
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.705 -6.816 -4.974
T123=14.2 14.9 16.0
ALT/AZ=85.4 -158.2
fwAVG=1.70
sdW=1533.8
fwW=1.69
sdS=795.3
fwS=1.61
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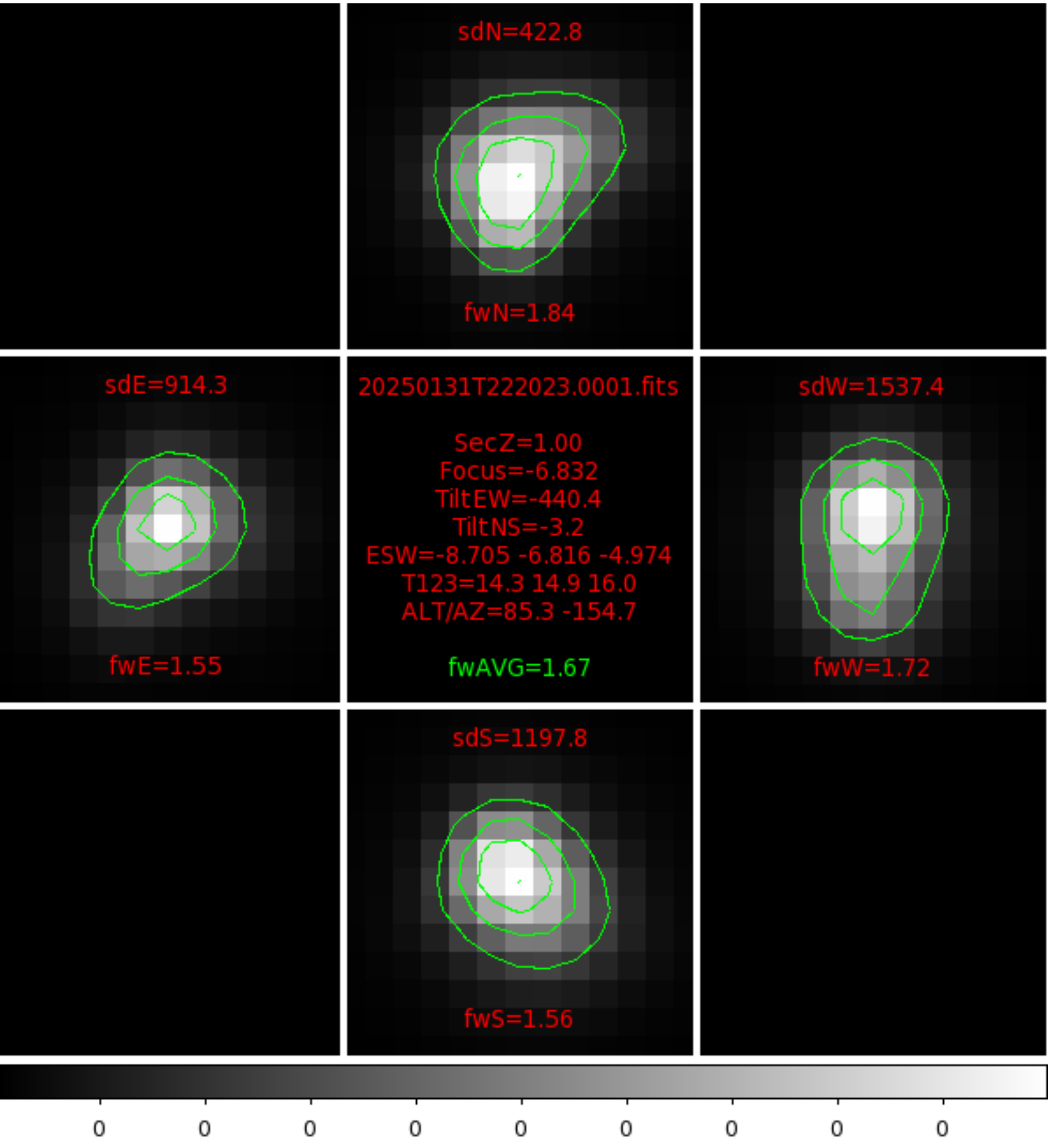
sdN=422.8
fwN=1.84
sdE=914.3
fwE=1.55
20250131T222023.0001.fits
SecZ=1.00
Focus=-6.832
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.705 -6.816 -4.974
T123=14.3 14.9 16.0
ALT/AZ=85.3 -154.7
fwAVG=1.67
sdW=1537.4
fwW=1.72
sdS=1197.8
fwS=1.56
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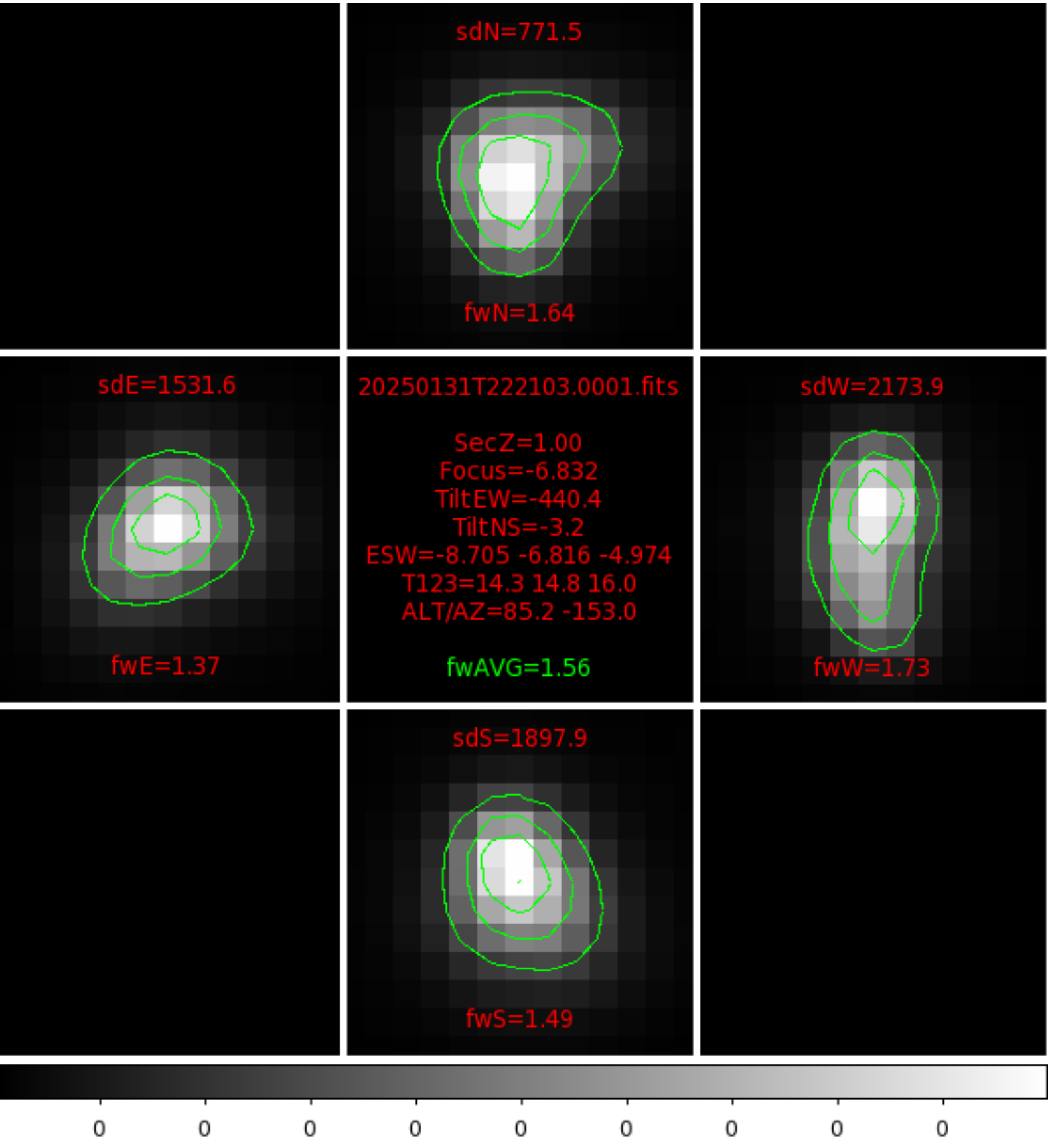
sdN=771.5
fwN=1.64
sdE=1531.6
fwE=1.37
20250131T222103.0001.fits
SecZ=1.00
Focus=-6.832
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.705 -6.816 -4.974
T123=14.3 14.8 16.0
ALT/AZ=85.2 -153.0
fwAVG=1.56
sdW=2173.9
fwW=1.73
sdS=1897.9
fwS=1.49
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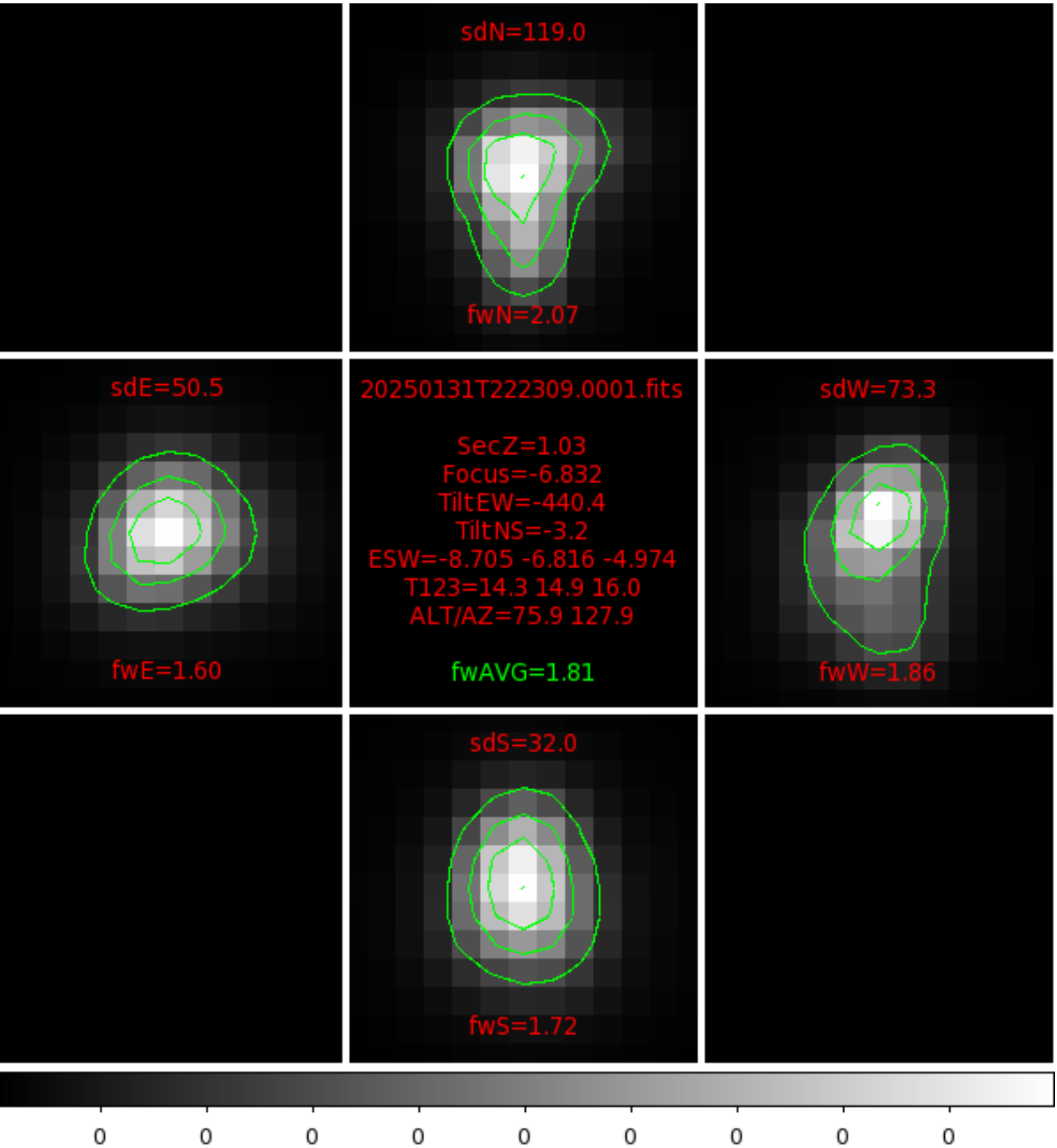
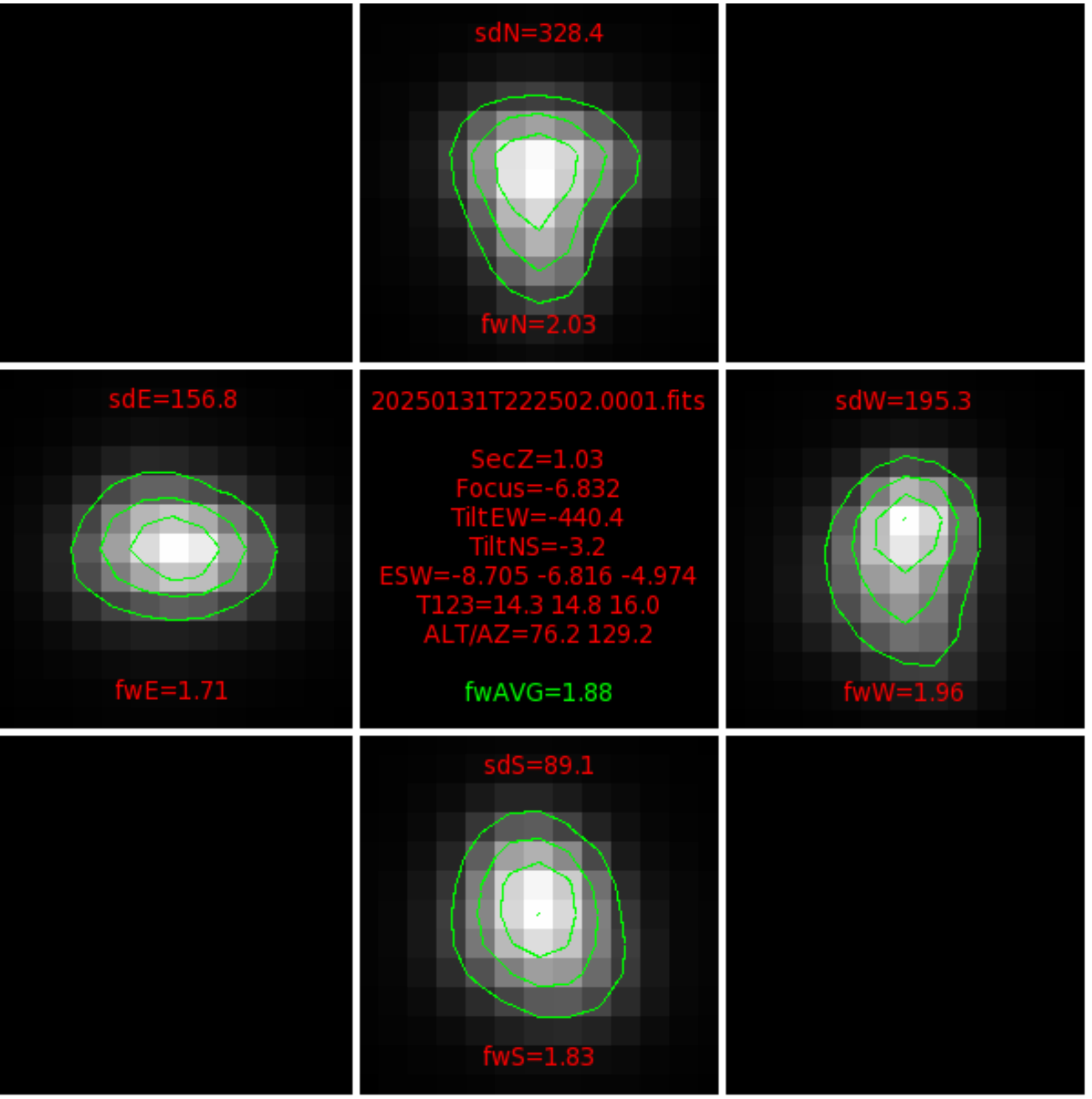

sdN=119.0
fwN=2.07
sdE=50.5
fwE=1.60
20250131T222309.0001.fits
SecZ=1.03
Focus=-6.832
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.705 -6.816 -4.974
T123=14.3 14.9 16.0
ALT/AZ=75.9 127.9
fwAVG=1.81
sdW=73.3
fwW=1.86
sdS=32.0
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=328.4
fwN=2.03
sdE=156.8
fwE=1.71
20250131T222502.0001.fits
SecZ=1.03
Focus=-6.832
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.705 -6.816 -4.974
T123=14.3 14.8 16.0
ALT/AZ=76.2 129.2
fwAVG=1.88
sdW=195.3
fwW=1.96
sdS=89.1
fwS=1.83
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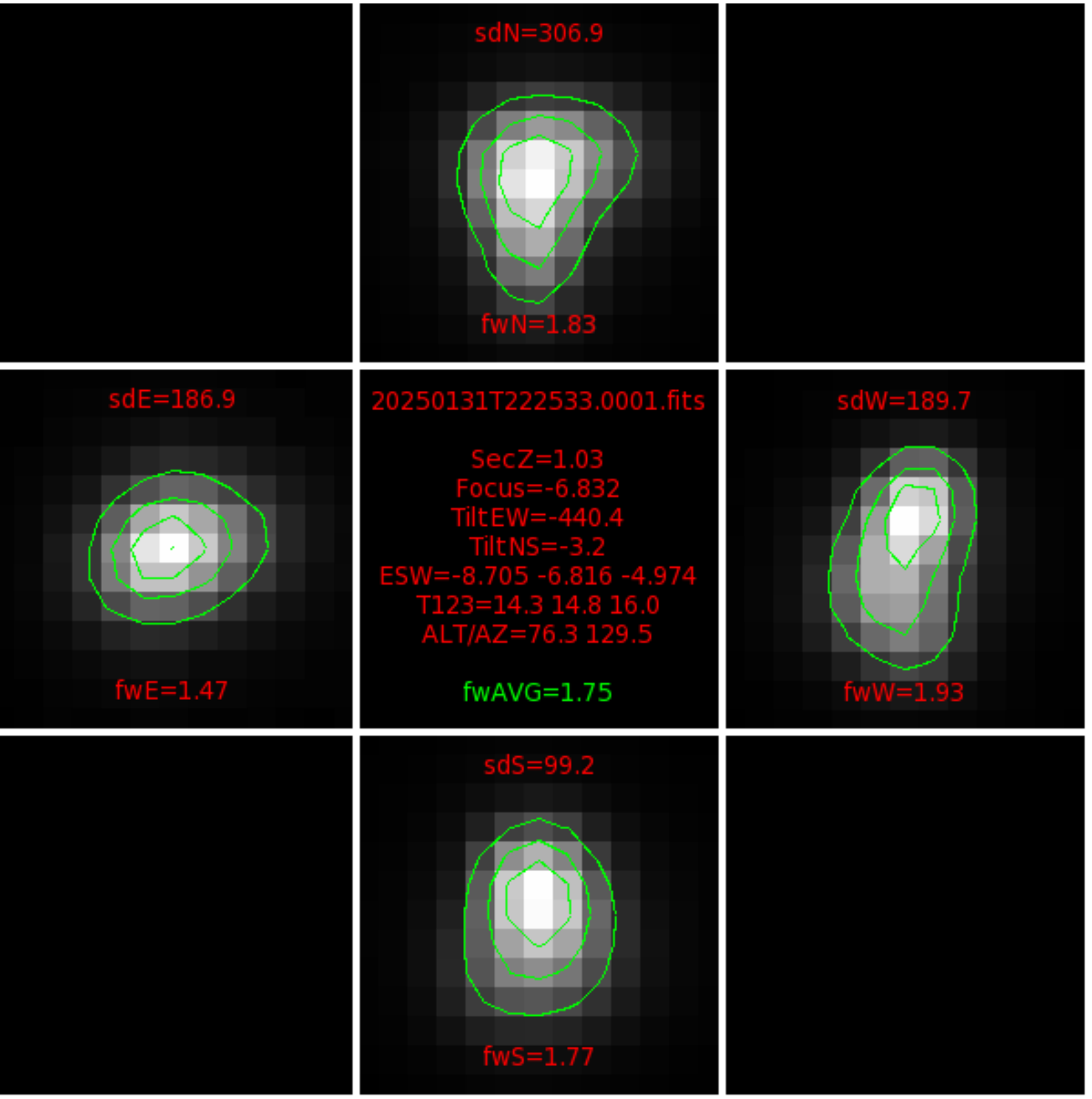
sdN=306.9
fwN=1.83
sdE=186.9
fwE=1.47
20250131T222533.0001.fits
SecZ=1.03
Focus=-6.832
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.705 -6.816 -4.974
T123=14.3 14.8 16.0
ALT/AZ=76.3 129.5
fwAVG=1.75
sdW=189.7
fwW=1.93
sdS=99.2
fwS=1.77
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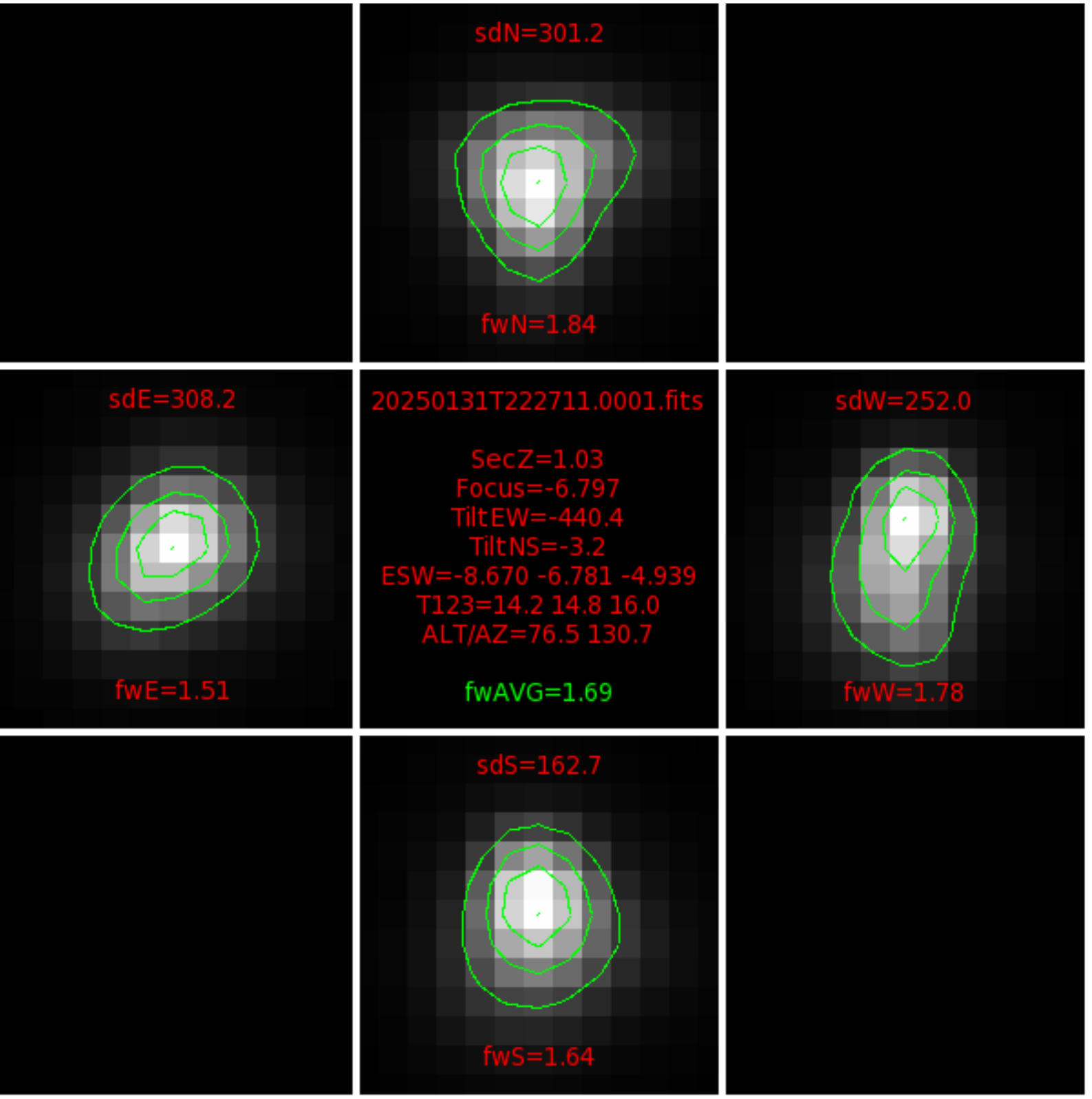
sdN=301.2
fwN=1.84
sdE=308.2
fwE=1.51
20250131T222711.0001.fits
SecZ=1.03
Focus=-6.797
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.670 -6.781 -4.939
T123=14.2 14.8 16.0
ALT/AZ=76.5 130.7
fwAVG=1.69
sdW=252.0
fwW=1.78
sdS=162.7
fwS=1.64
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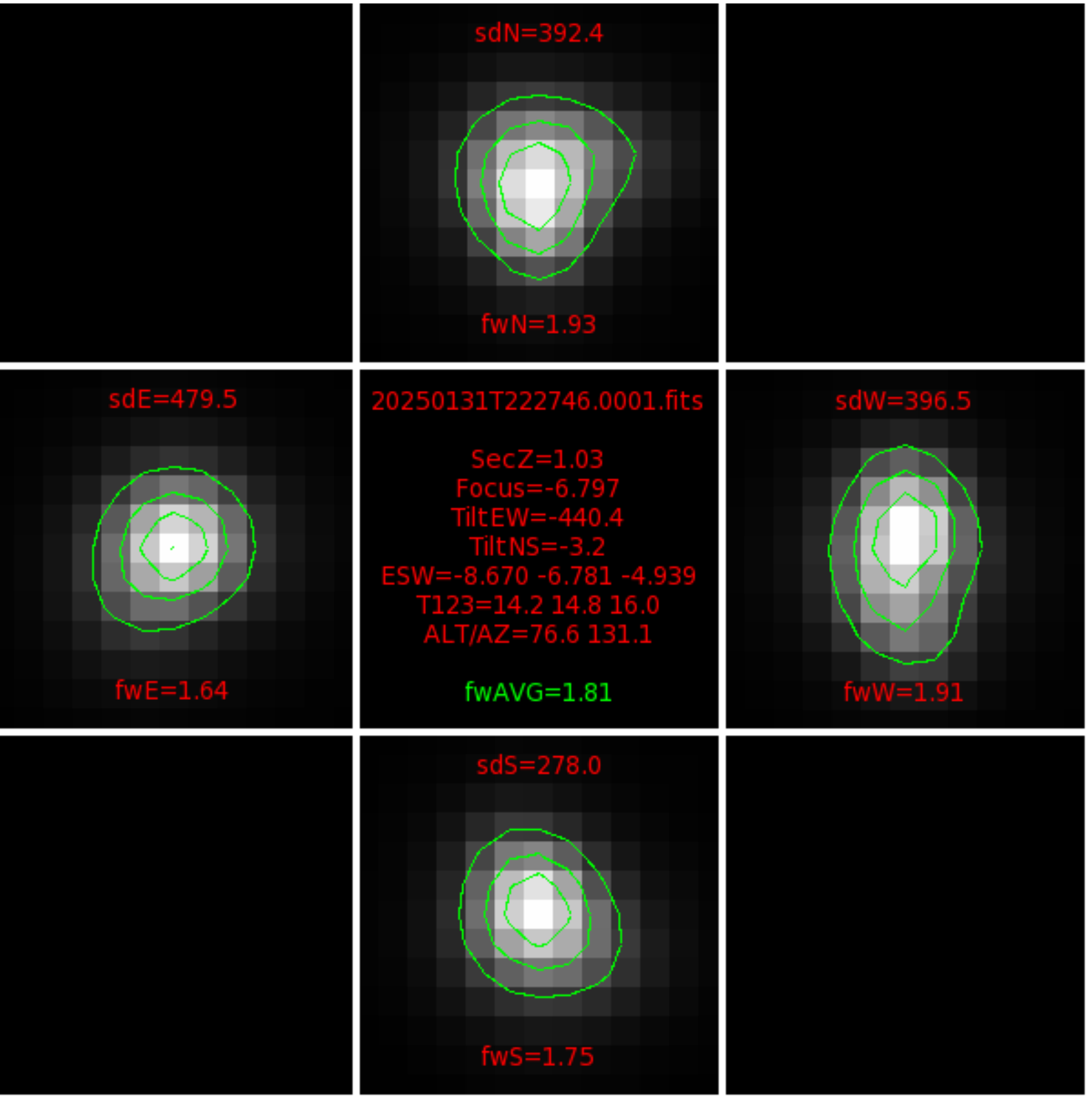
sdN=392.4
fwN=1.93
sdE=479.5
fwE=1.64
20250131T222746.0001.fits
SecZ=1.03
Focus=-6.797
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.670 -6.781 -4.939
T123=14.2 14.8 16.0
ALT/AZ=76.6 131.1
fwAVG=1.81
sdW=396.5
fwW=1.91
sdS=278.0
fwS=1.75
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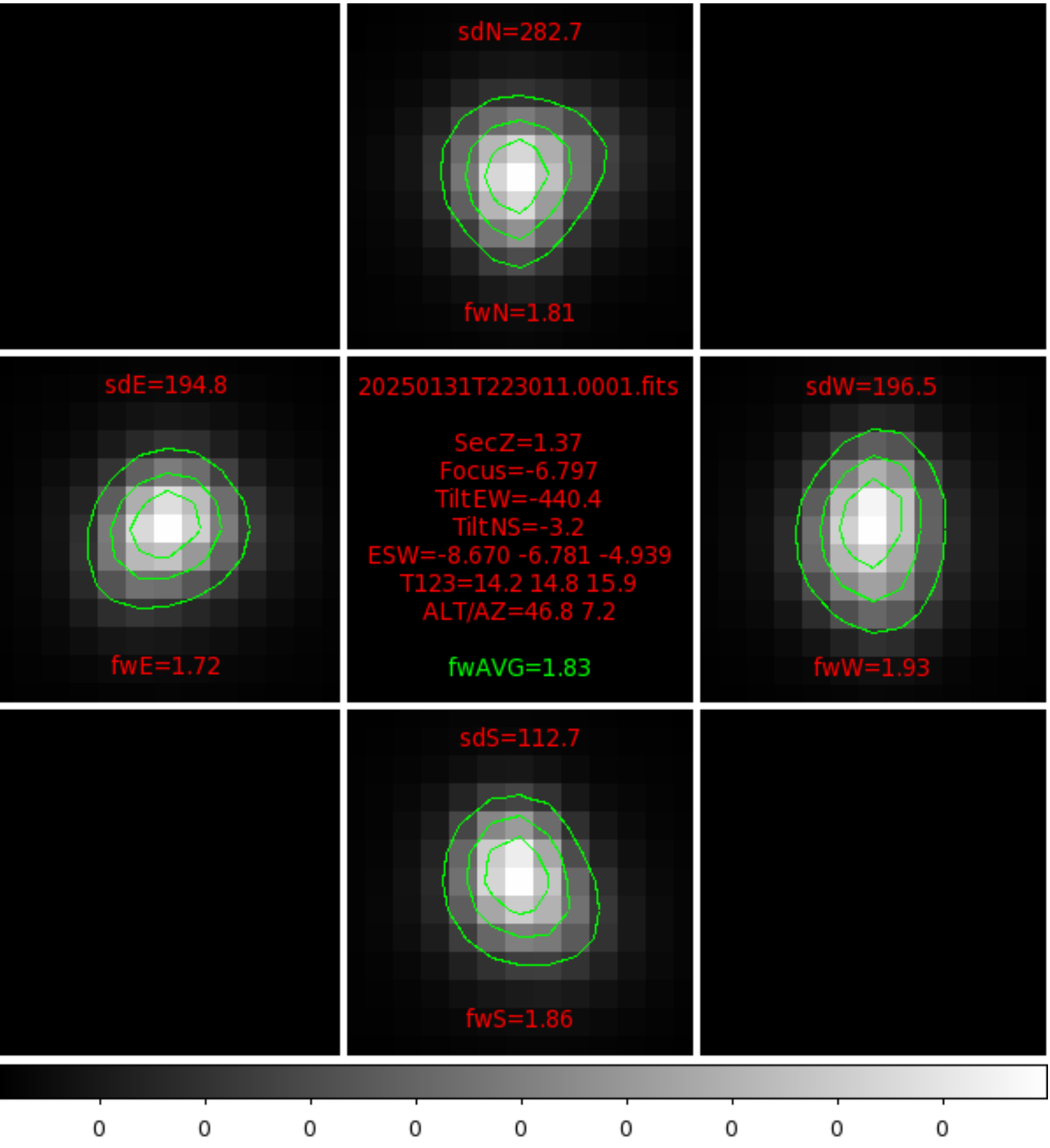
sdN=282.7
fwN=1.81
sdE=194.8
fwE=1.72
20250131T223011.0001.fits
SecZ=1.37
Focus=-6.797
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.670 -6.781 -4.939
T123=14.2 14.8 15.9
ALT/AZ=46.8 7.2
fwAVG=1.83
sdW=196.5
fwW=1.93
sdS=112.7
fwS=1.86
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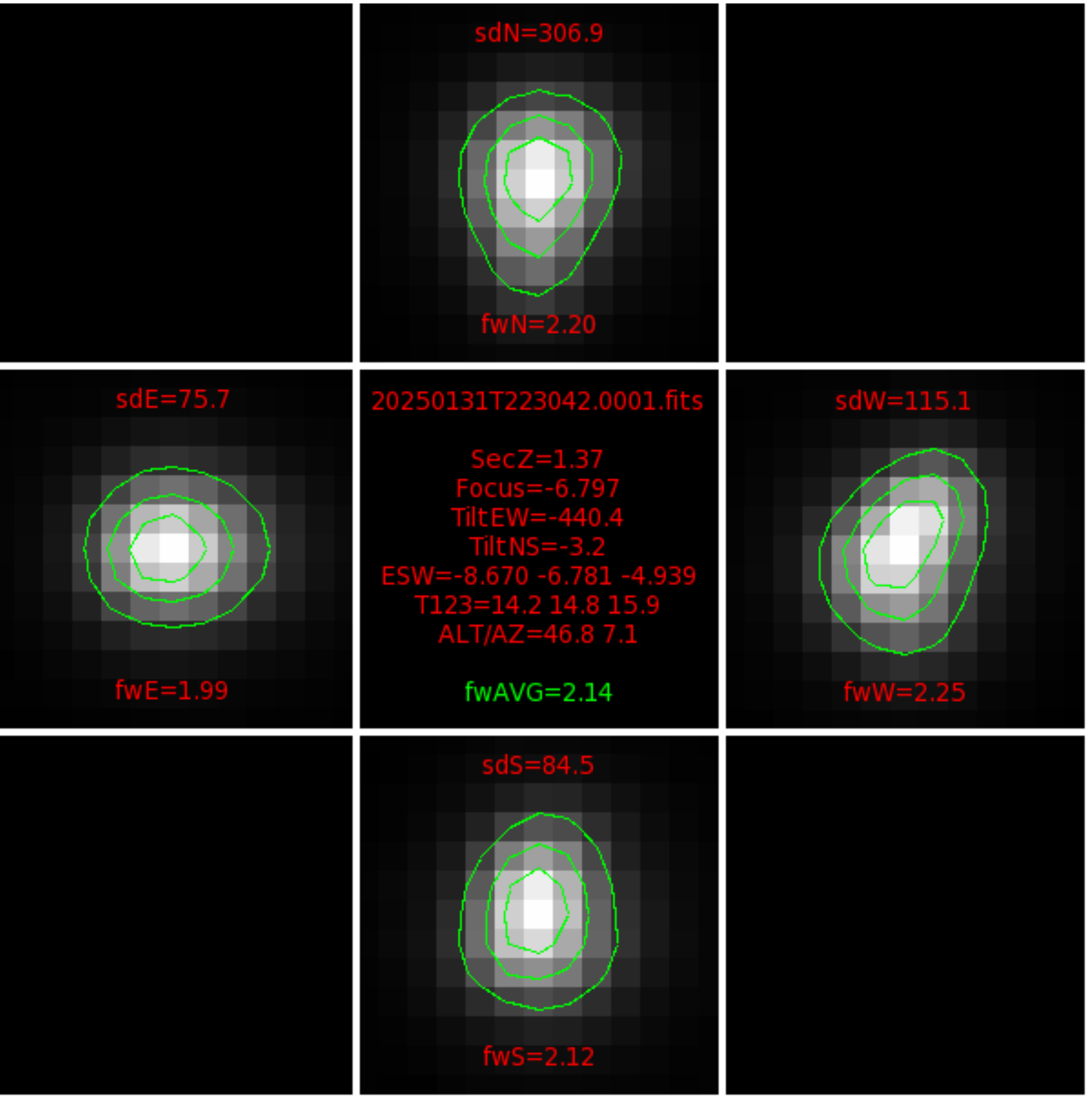
sdN=306.9
fwN=2.20
sdE=75.7
fwE=1.99
20250131T223042.0001.fits
SecZ=1.37
Focus=-6.797
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.670 -6.781 -4.939
T123=14.2 14.8 15.9
ALT/AZ=46.8 7.1
fwAVG=2.14
sdW=115.1
fwW=2.25
sdS=84.5
fwS=2.12
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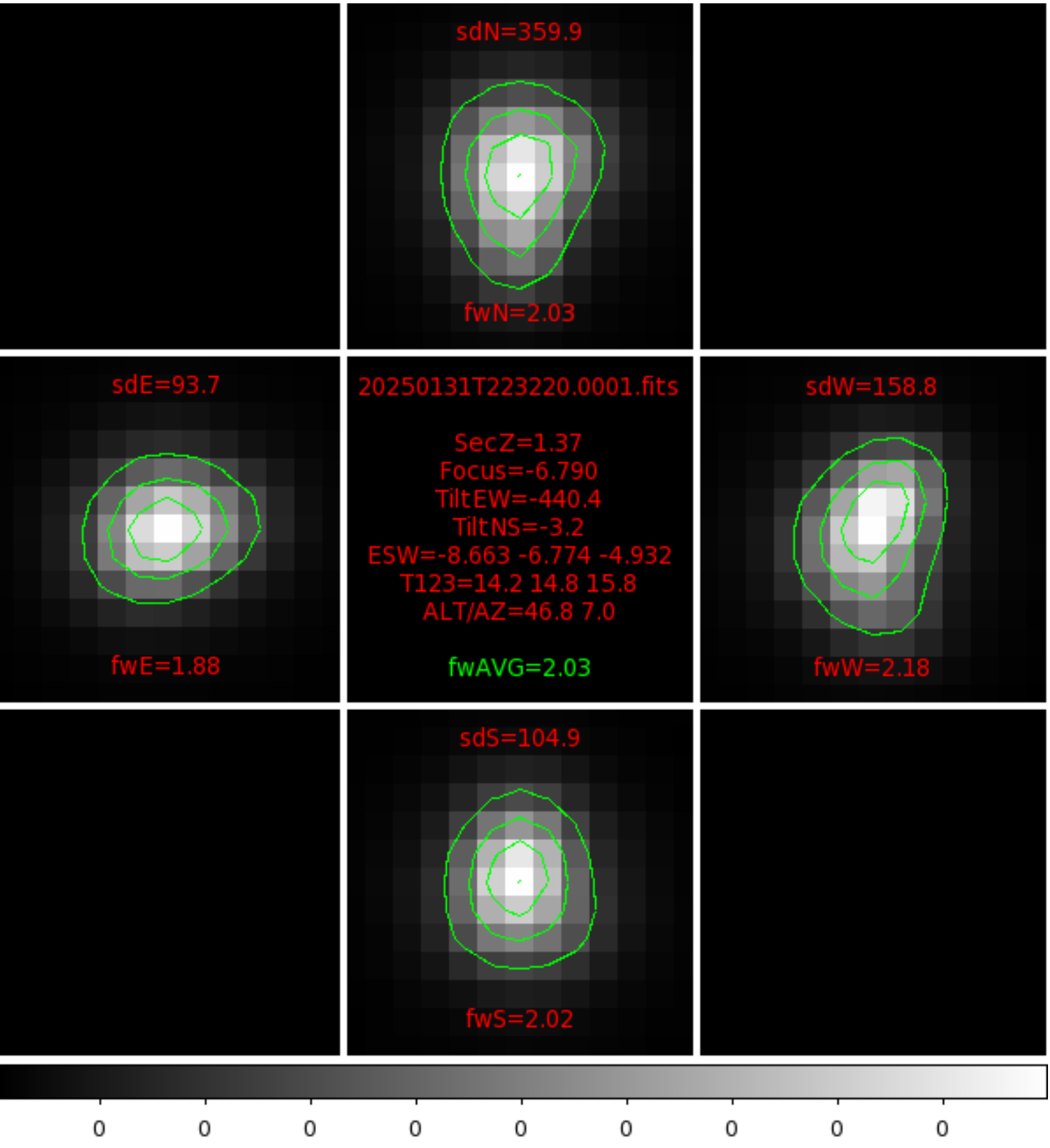
sdN=359.9
fwN=2.03
sdE=93.7
fwE=1.88
20250131T223220.0001.fits
SecZ=1.37
Focus=-6.790
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.663 -6.774 -4.932
T123=14.2 14.8 15.8
ALT/AZ=46.8 7.0
fwAVG=2.03
sdW=158.8
fwW=2.18
sdS=104.9
fwS=2.02
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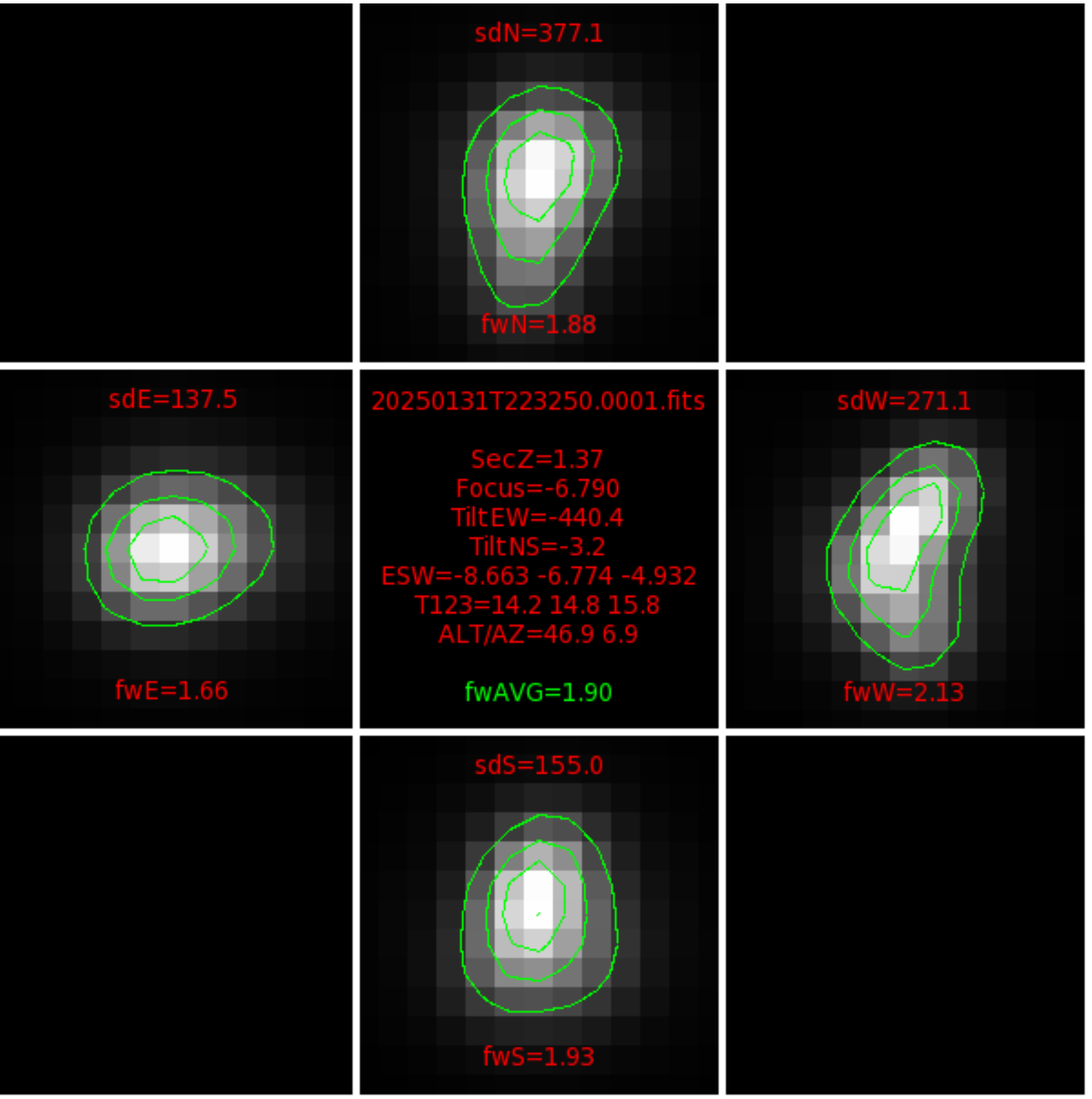
sdN=377.1
fwN=1.88
sdE=137.5
fwE=1.66
20250131T223250.0001.fits
SecZ=1.37
Focus=-6.790
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.663 -6.774 -4.932
T123=14.2 14.8 15.8
ALT/AZ=46.9 6.9
fwAVG=1.90
sdW=271.1
fwW=2.13
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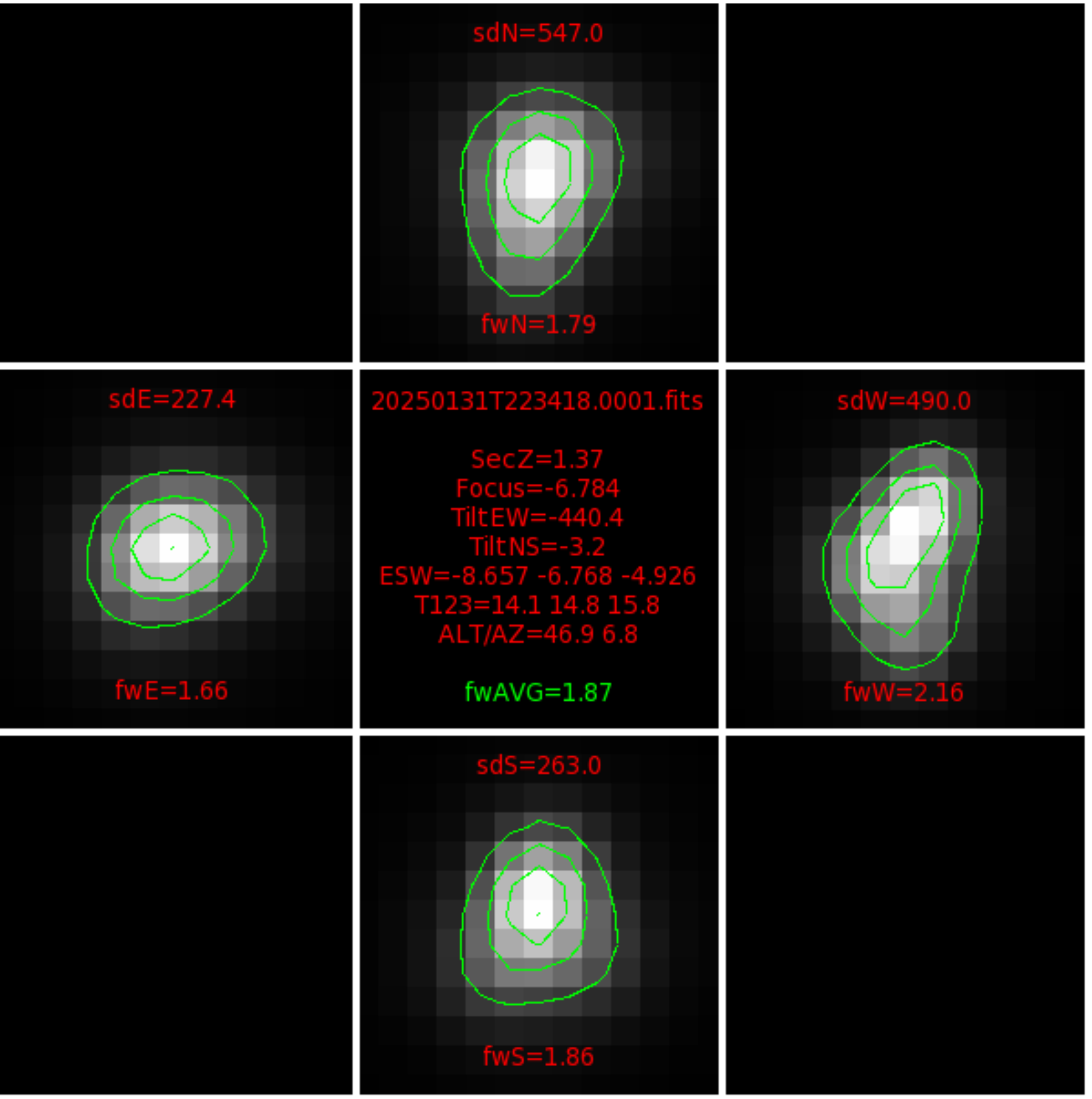
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=547.0
fwN=1.79
sdE=227.4
fwE=1.66
20250131T223418.0001.fits
SecZ=1.37
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=14.1 14.8 15.8
ALT/AZ=46.9 6.8
fwAVG=1.87
sdW=490.0
fwW=2.16
sdS=263.0
fwS=1.86
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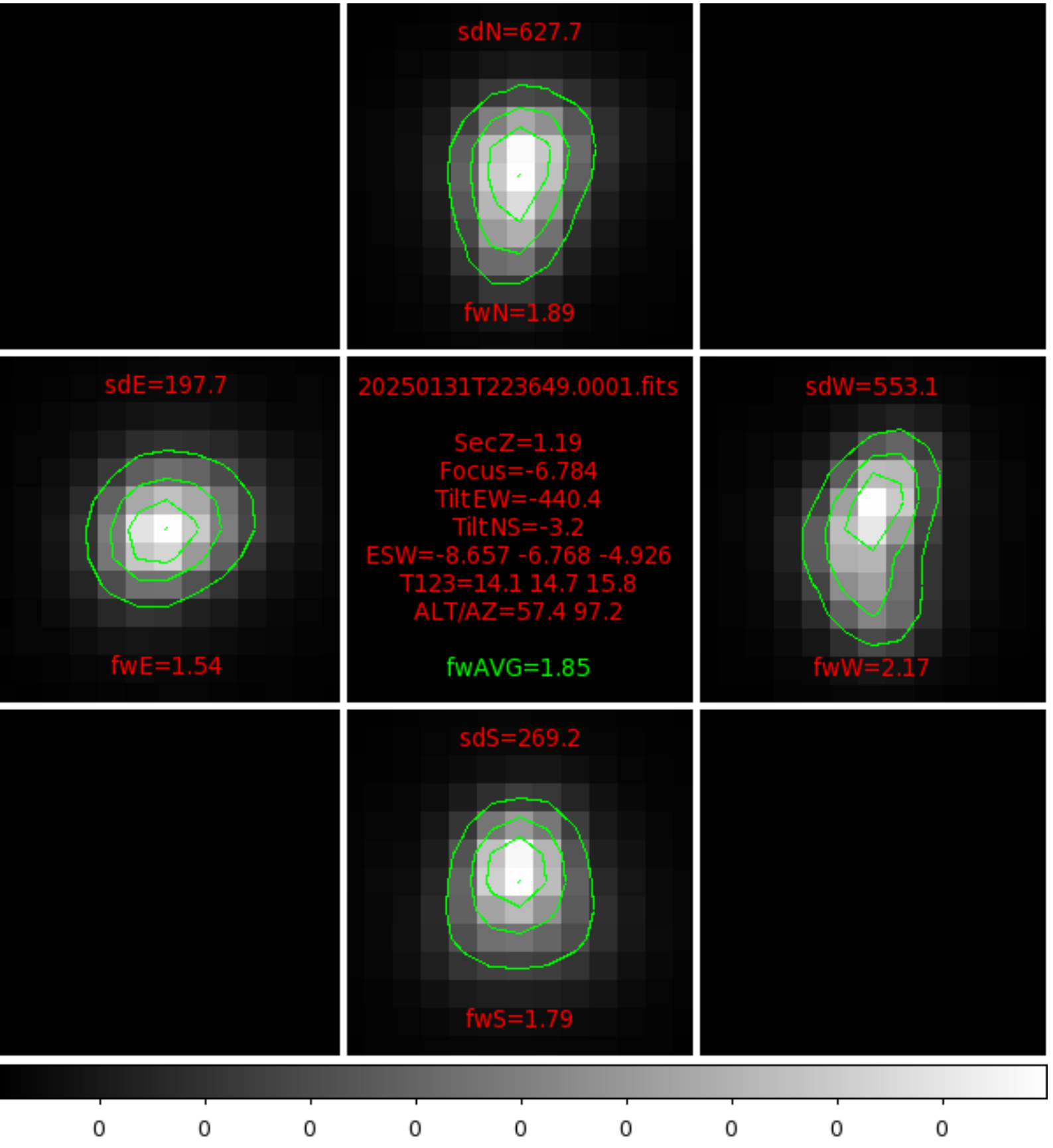
sdN=627.7
fwN=1.89
sdE=197.7
fwE=1.54
20250131T223649.0001.fits
SecZ=1.19
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=14.1 14.7 15.8
ALT/AZ=57.4 97.2
fwAVG=1.85
sdW=553.1
fwW=2.17
sdS=269.2
fwS=1.79
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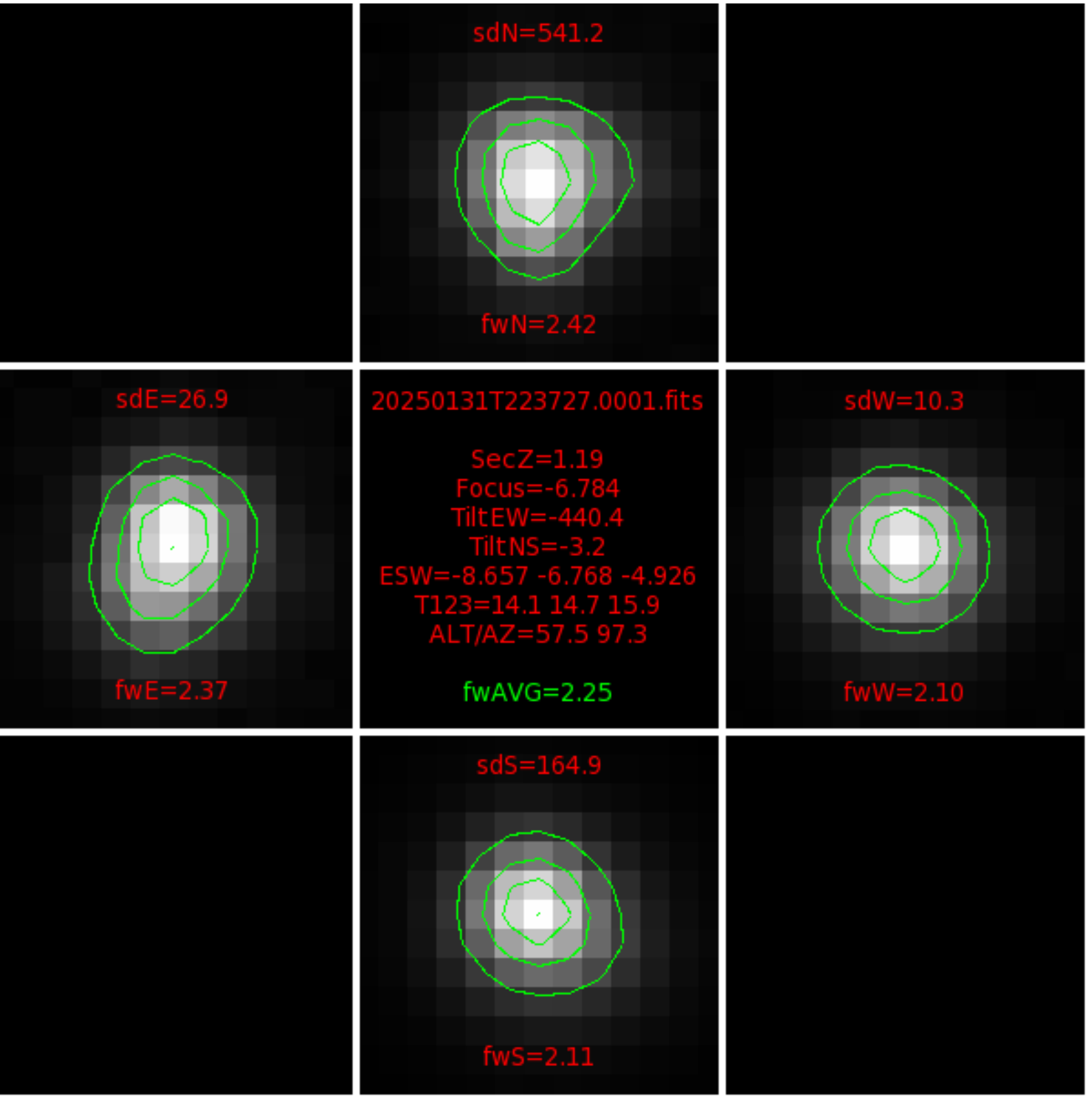
sdN=541.2
fwN=2.42
sdE=26.9
fwE=2.37
20250131T223727.0001.fits
SecZ=1.19
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=14.1 14.7 15.9
ALT/AZ=57.5 97.3
fwAVG=2.25
sdW=10.3
fwW=2.10
sdS=164.9
fwS=2.11
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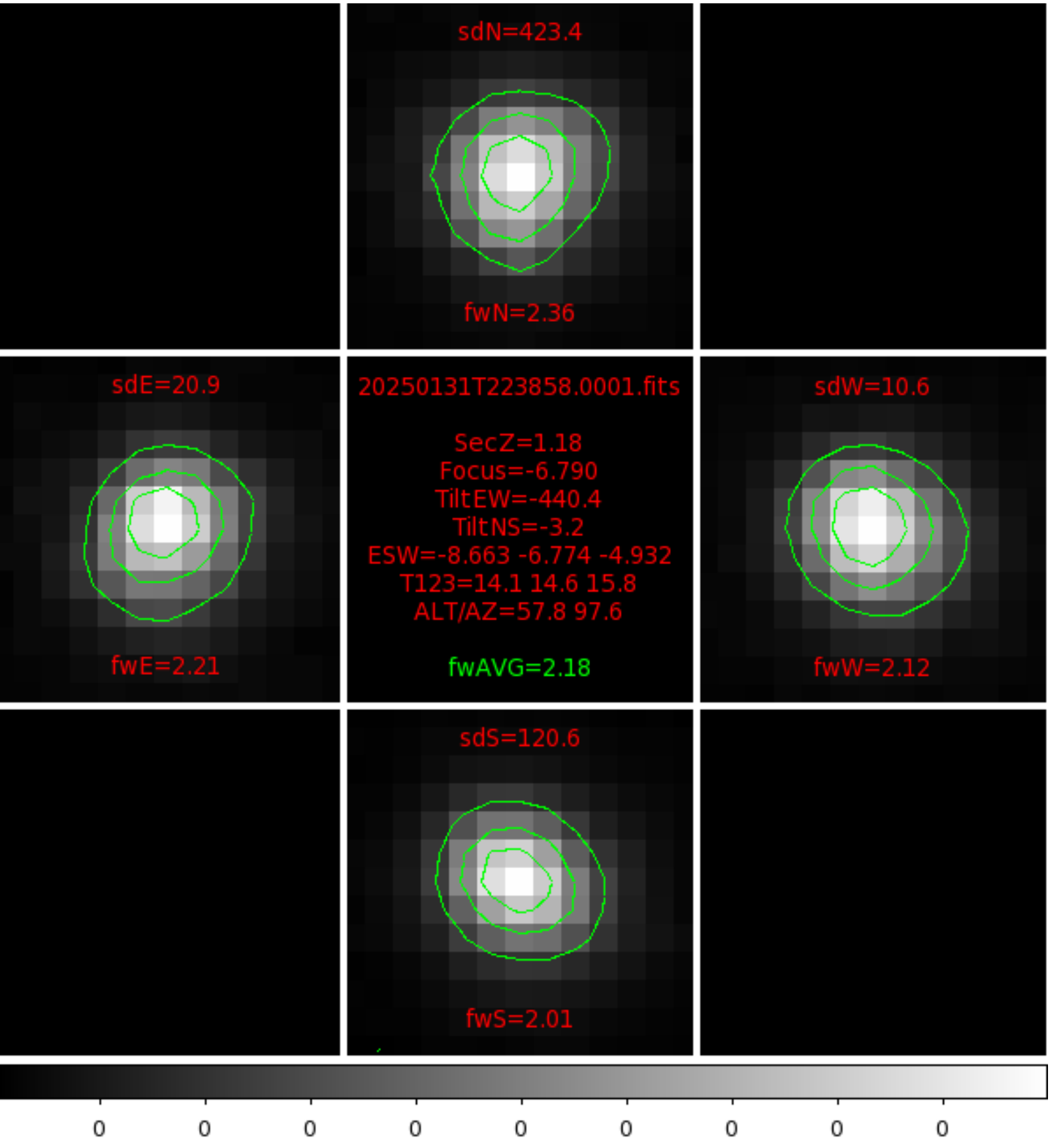
sdN=423.4
fwN=2.36
sdE=20.9
fwE=2.21
20250131T223858.0001.fits
SecZ=1.18
Focus=-6.790
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.663 -6.774 -4.932
T123=14.1 14.6 15.8
ALT/AZ=57.8 97.6
fwAVG=2.18
sdW=10.6
fwW=2.12
sdS=120.6
fwS=2.01
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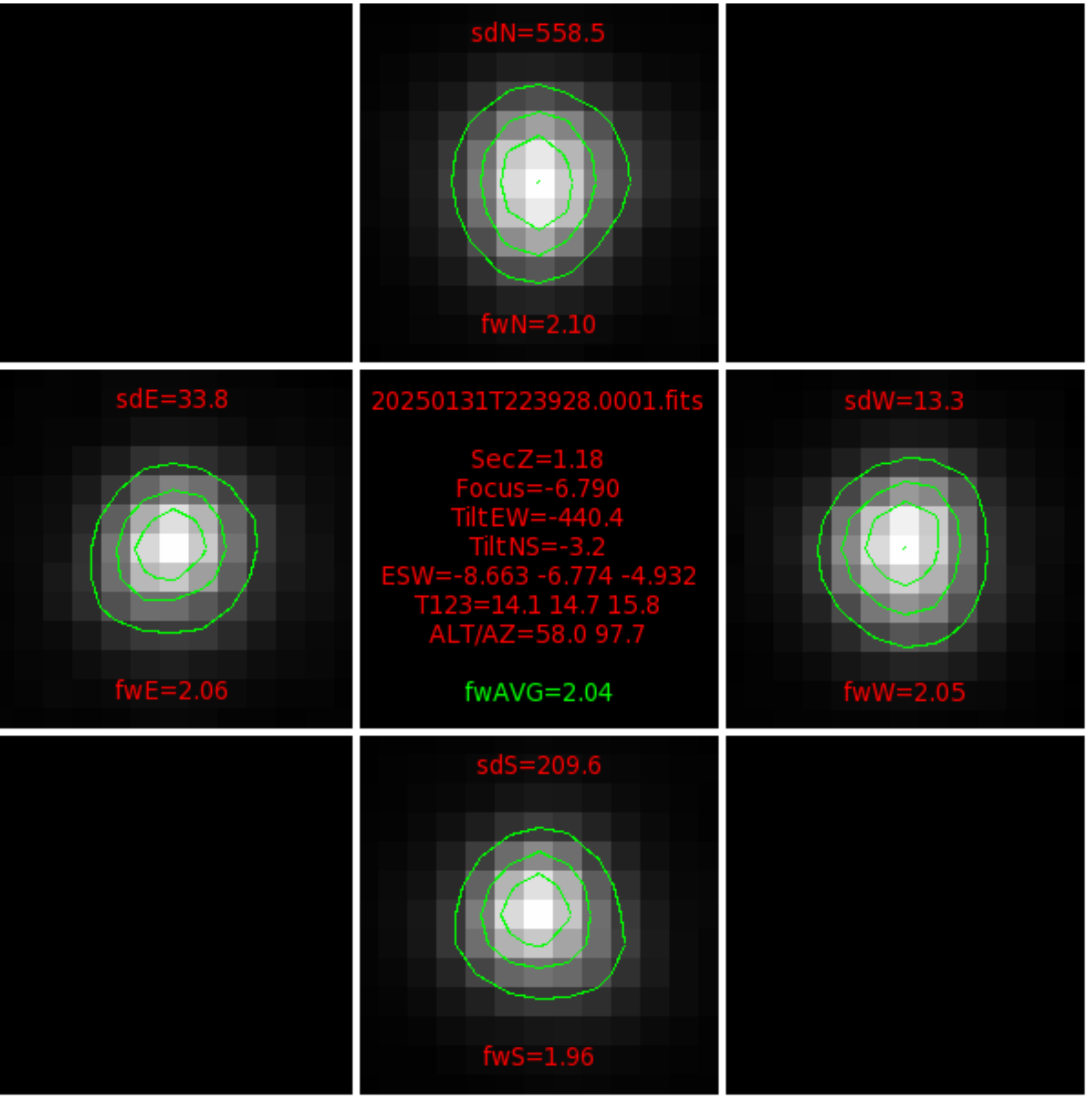
sdN=558.5
fwN=2.10
sdE=33.8
fwE=2.06
20250131T223928.0001.fits
SecZ=1.18
Focus=-6.790
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.663 -6.774 -4.932
T123=14.1 14.7 15.8
ALT/AZ=58.0 97.7
fwAVG=2.04
sdW=13.3
fwW=2.05
sdS=209.6
fwS=1.96
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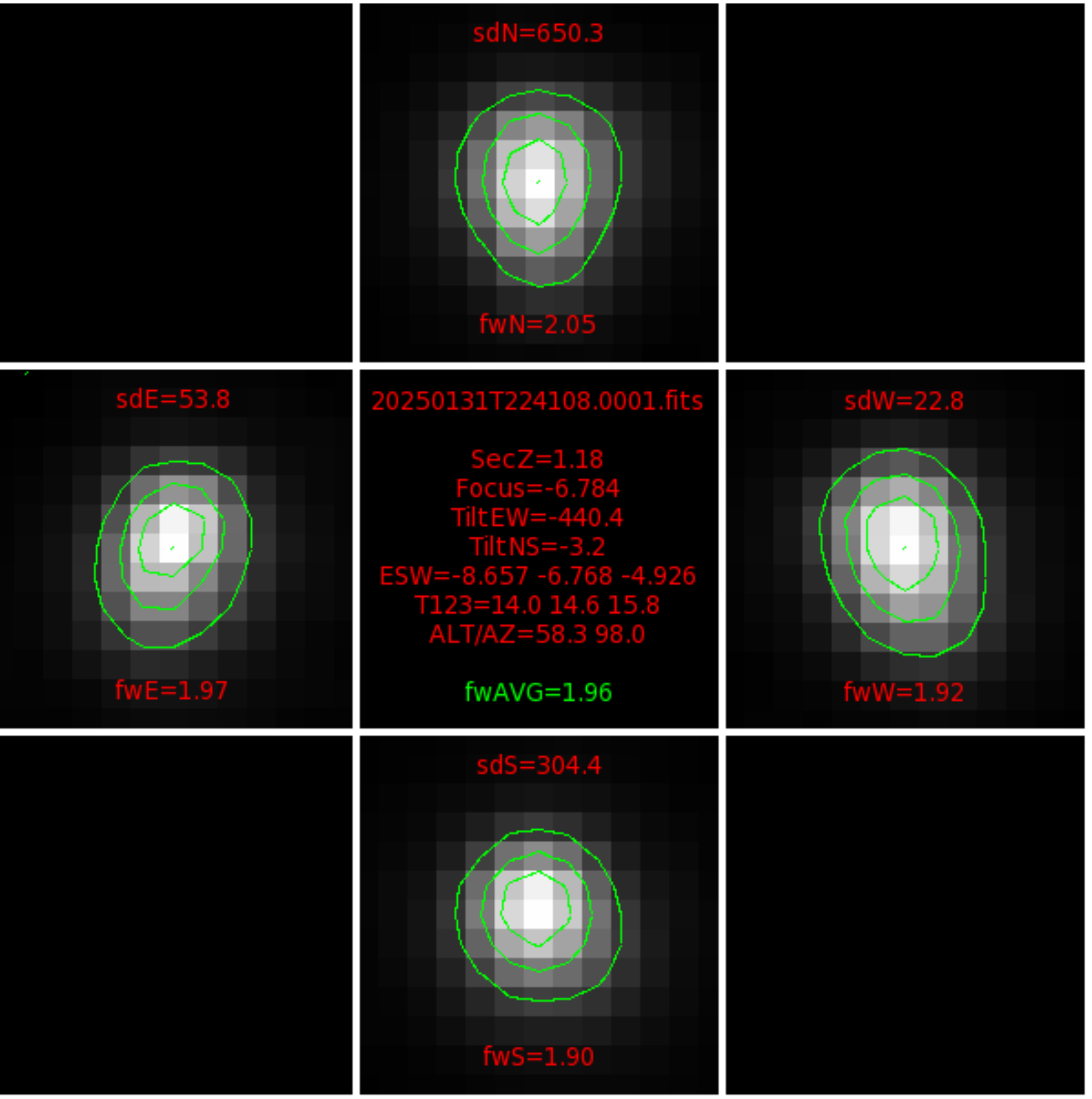
sdN=650.3
fwN=2.05
sdE=53.8
fwE=1.97
20250131T224108.0001.fits
SecZ=1.18
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=14.0 14.6 15.8
ALT/AZ=58.3 98.0
fwAVG=1.96
sdW=22.8
fwW=1.92
sdS=304.4
fwS=1.90
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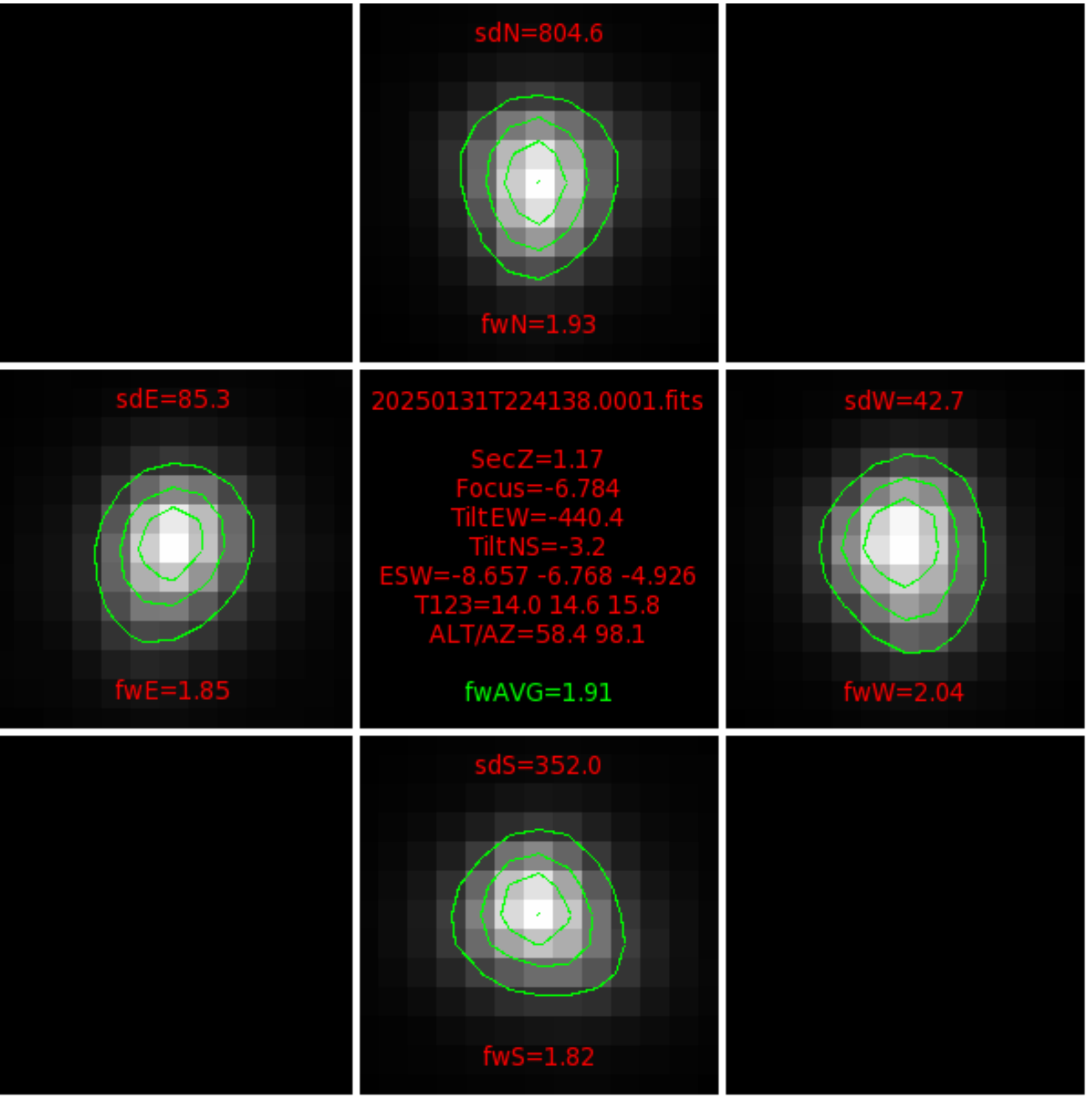
sdN=804.6
fwN=1.93
sdE=85.3
fwE=1.85
20250131T224138.0001.fits
SecZ=1.17
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=14.0 14.6 15.8
ALT/AZ=58.4 98.1
fwAVG=1.91
sdW=42.7
fwW=2.04
sdS=352.0
fwS=1.82
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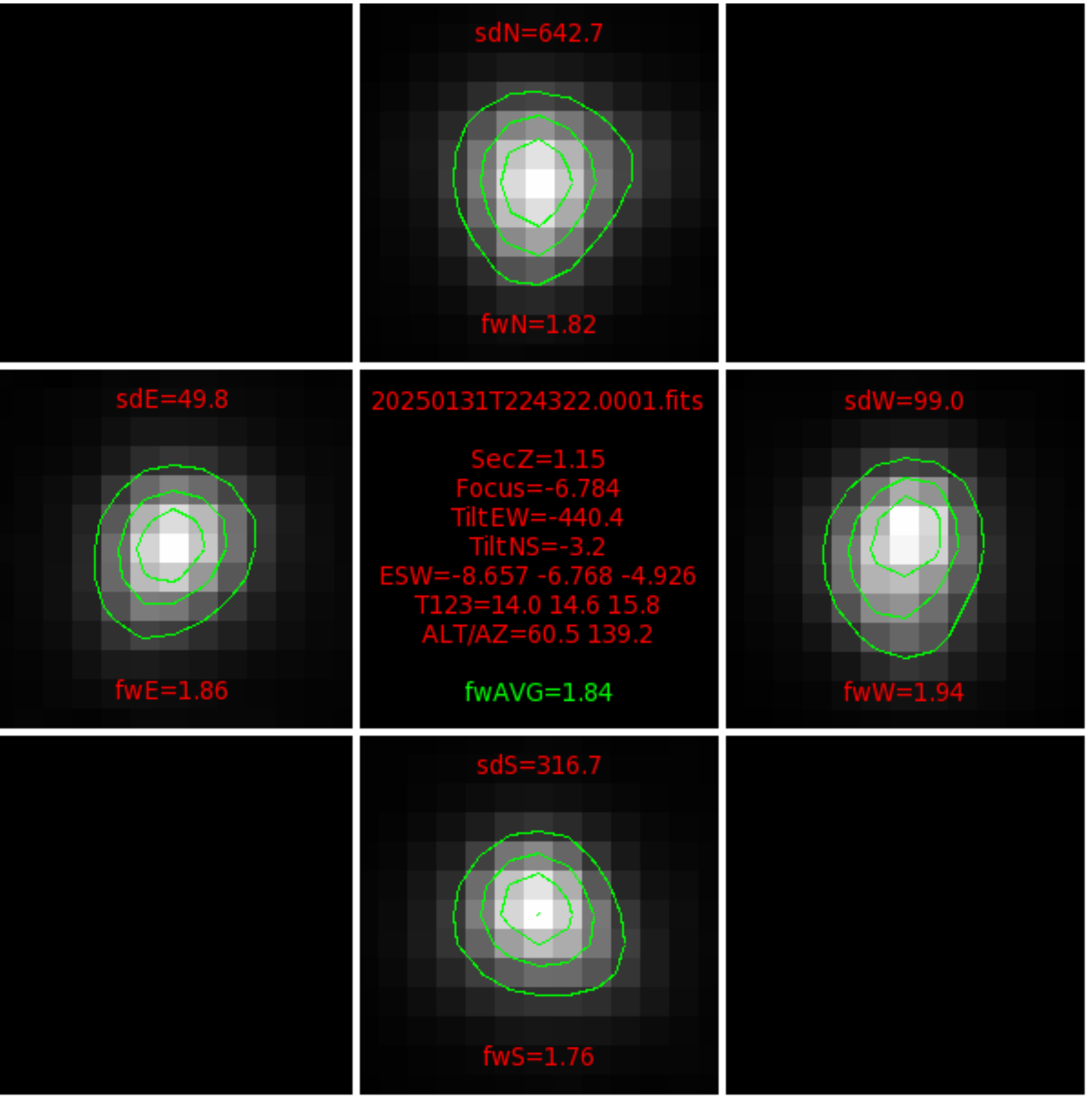
sdN=642.7
fwN=1.82
sdE=49.8
fwE=1.86
20250131T224322.0001.fits
SecZ=1.15
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=14.0 14.6 15.8
ALT/AZ=60.5 139.2
fwAVG=1.84
sdW=99.0
fwW=1.94
sdS=316.7
fwS=1.76
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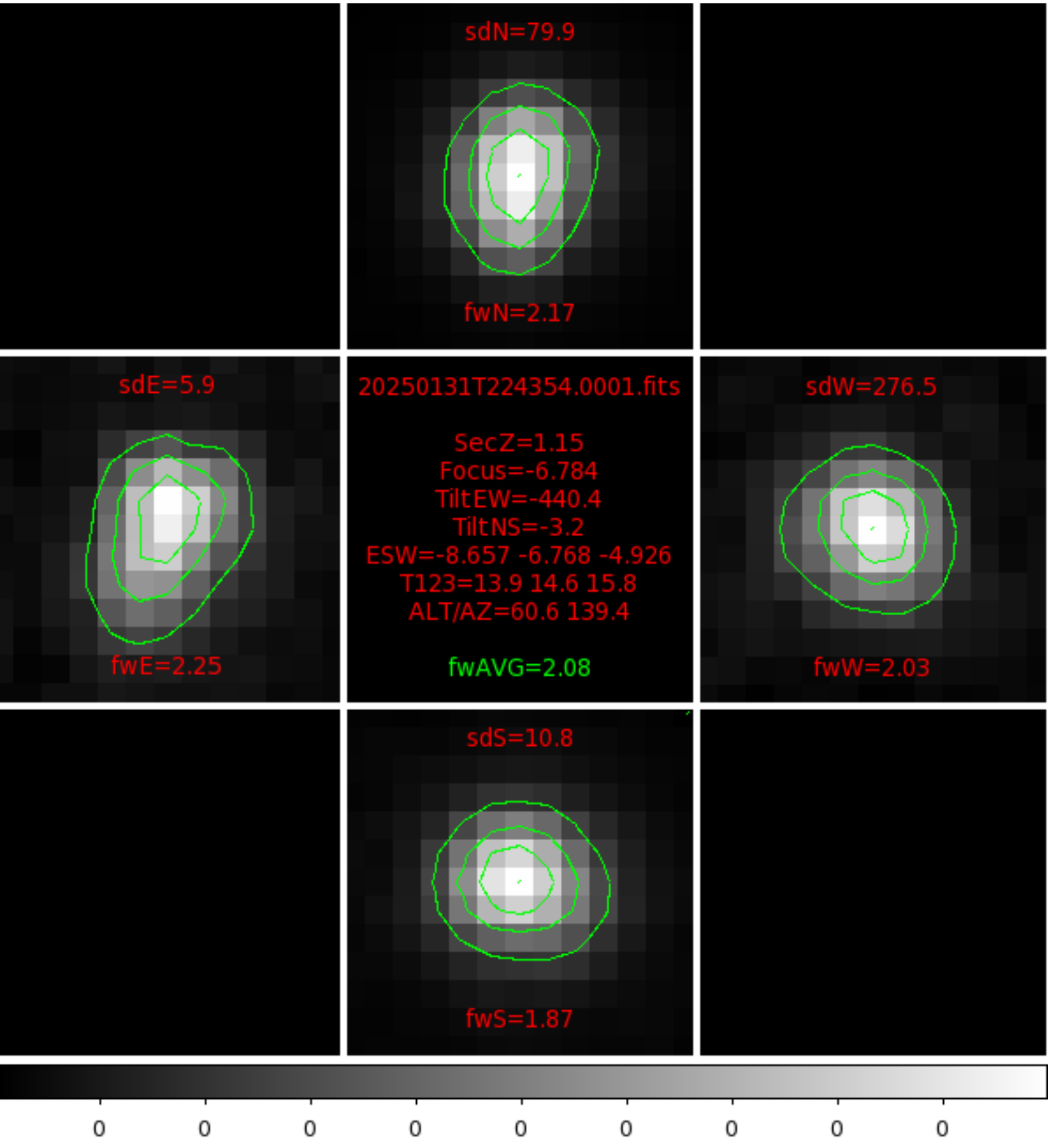
sdN=79.9
fwN=2.17
sdE=5.9
fwE=2.25
20250131T224354.0001.fits
SecZ=1.15
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=13.9 14.6 15.8
ALT/AZ=60.6 139.4
fwAVG=2.08
sdW=276.5
fwW=2.03
sdS=10.8
fwS=1.87
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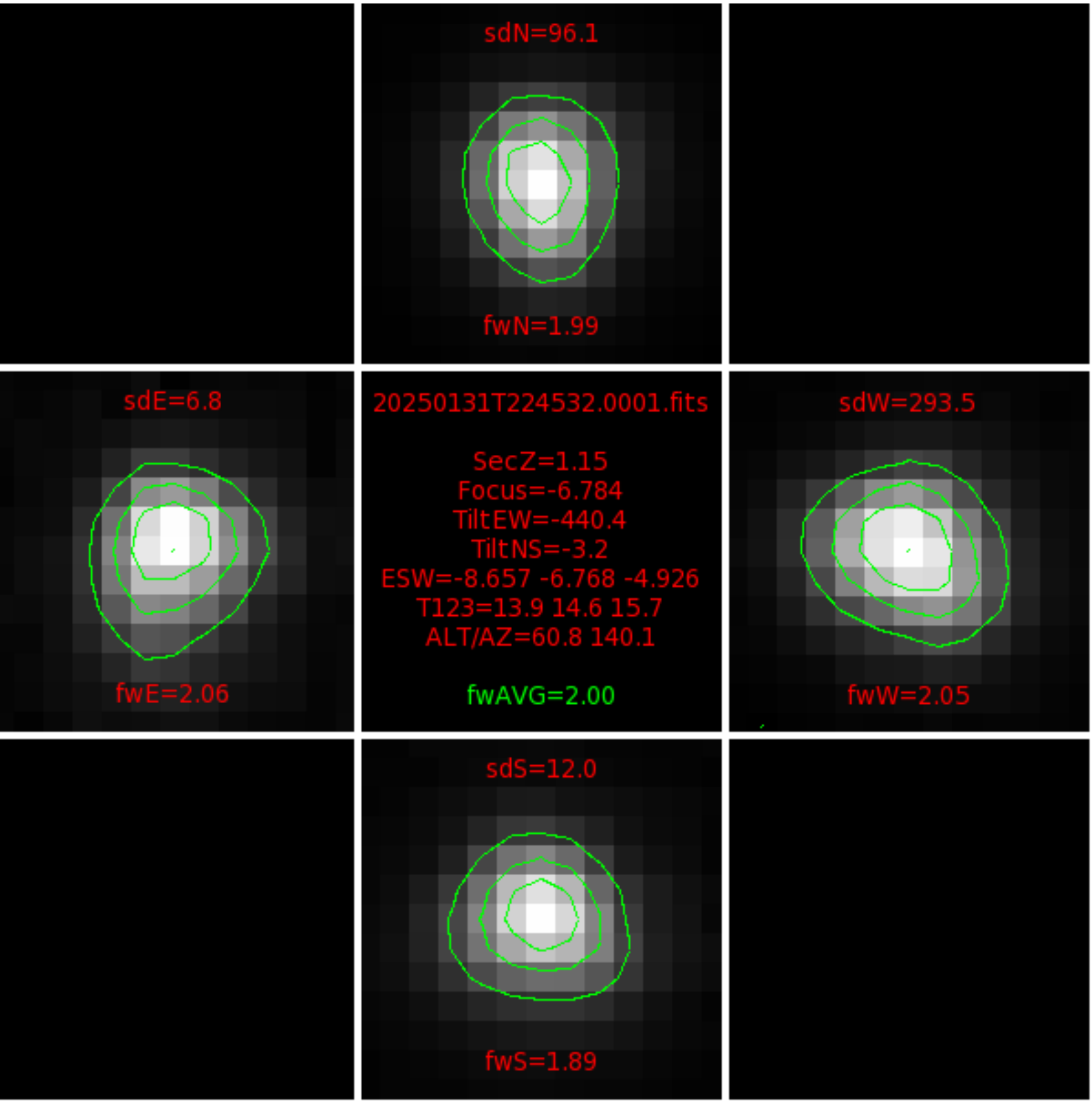
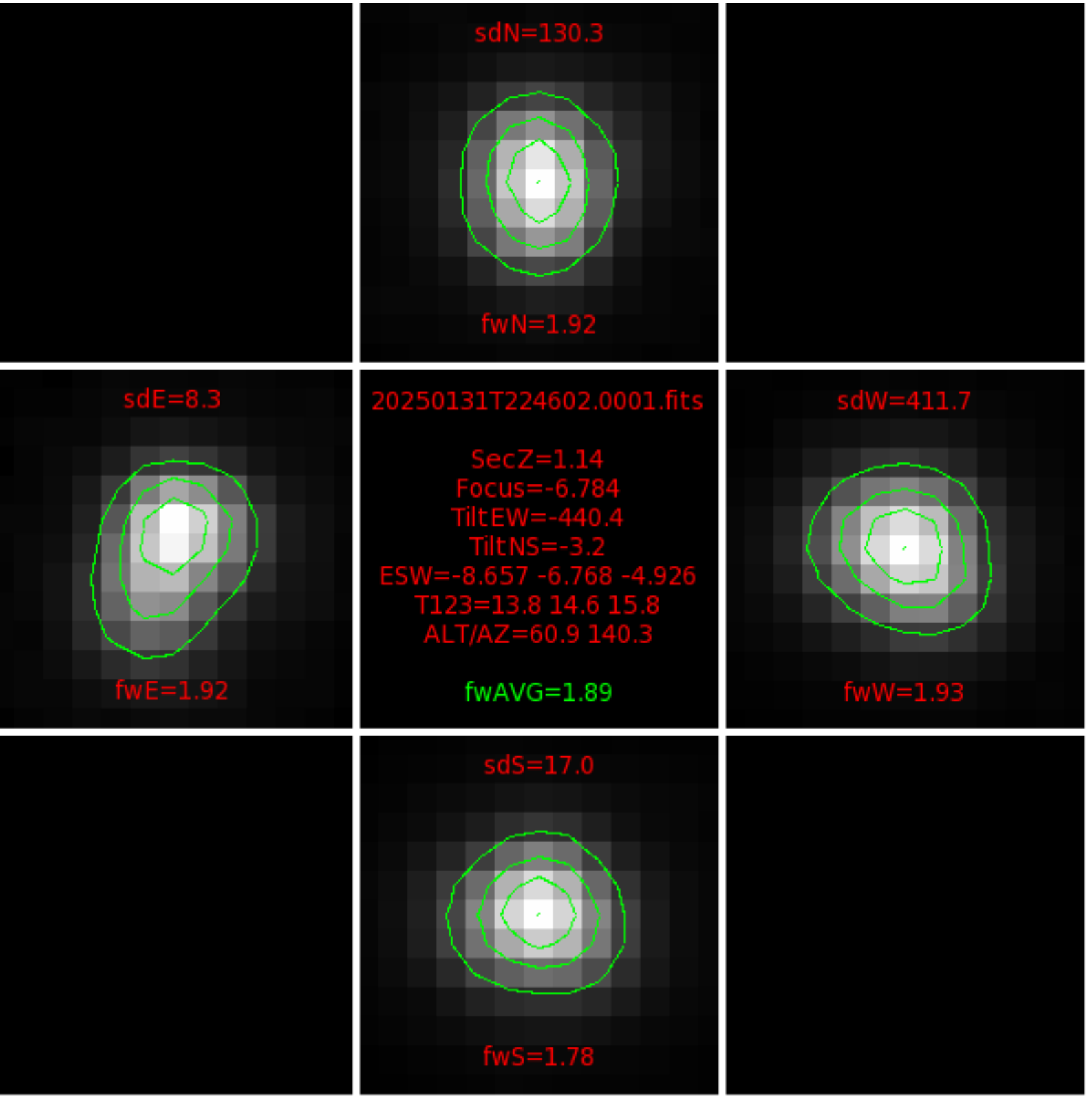
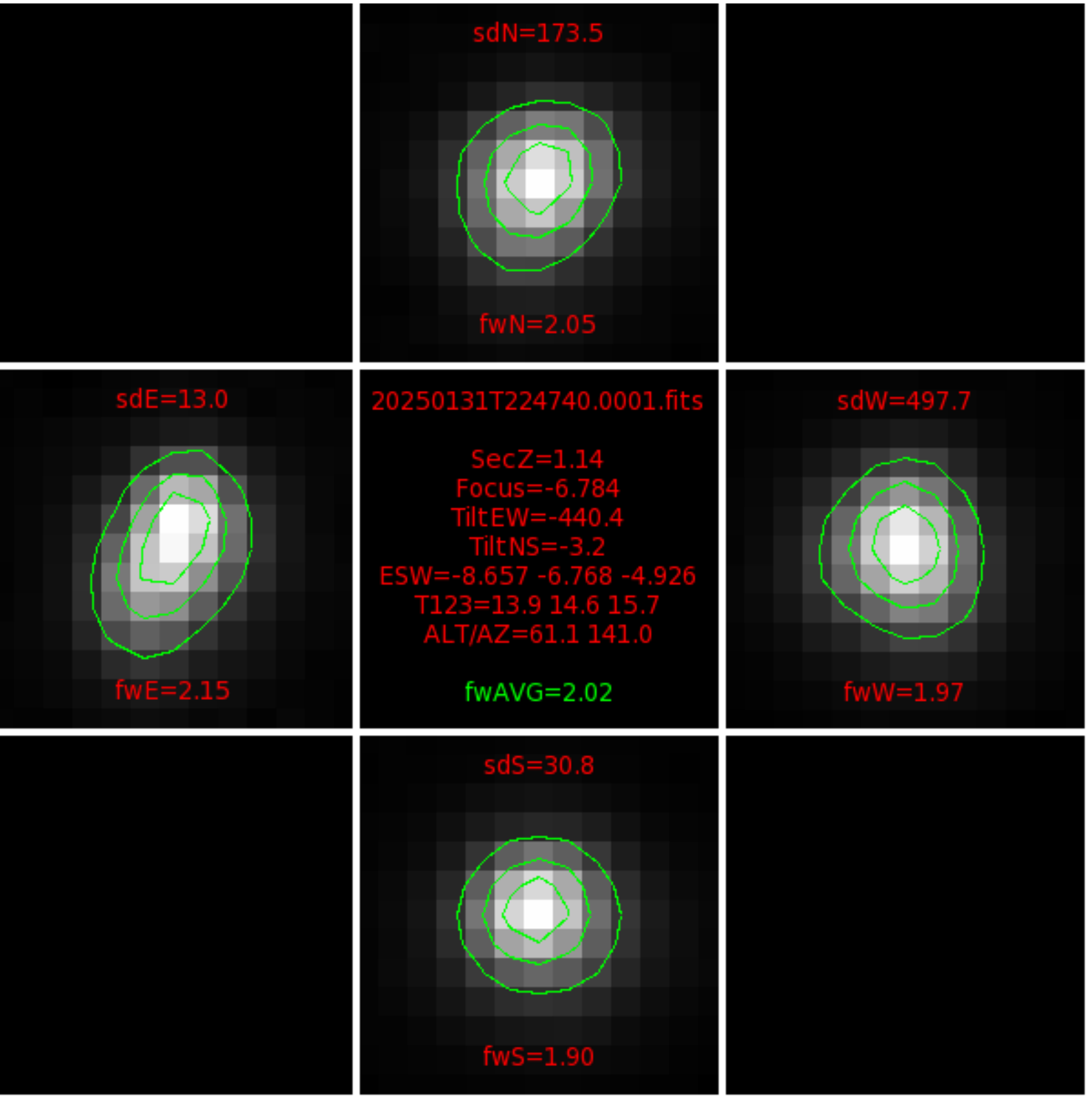
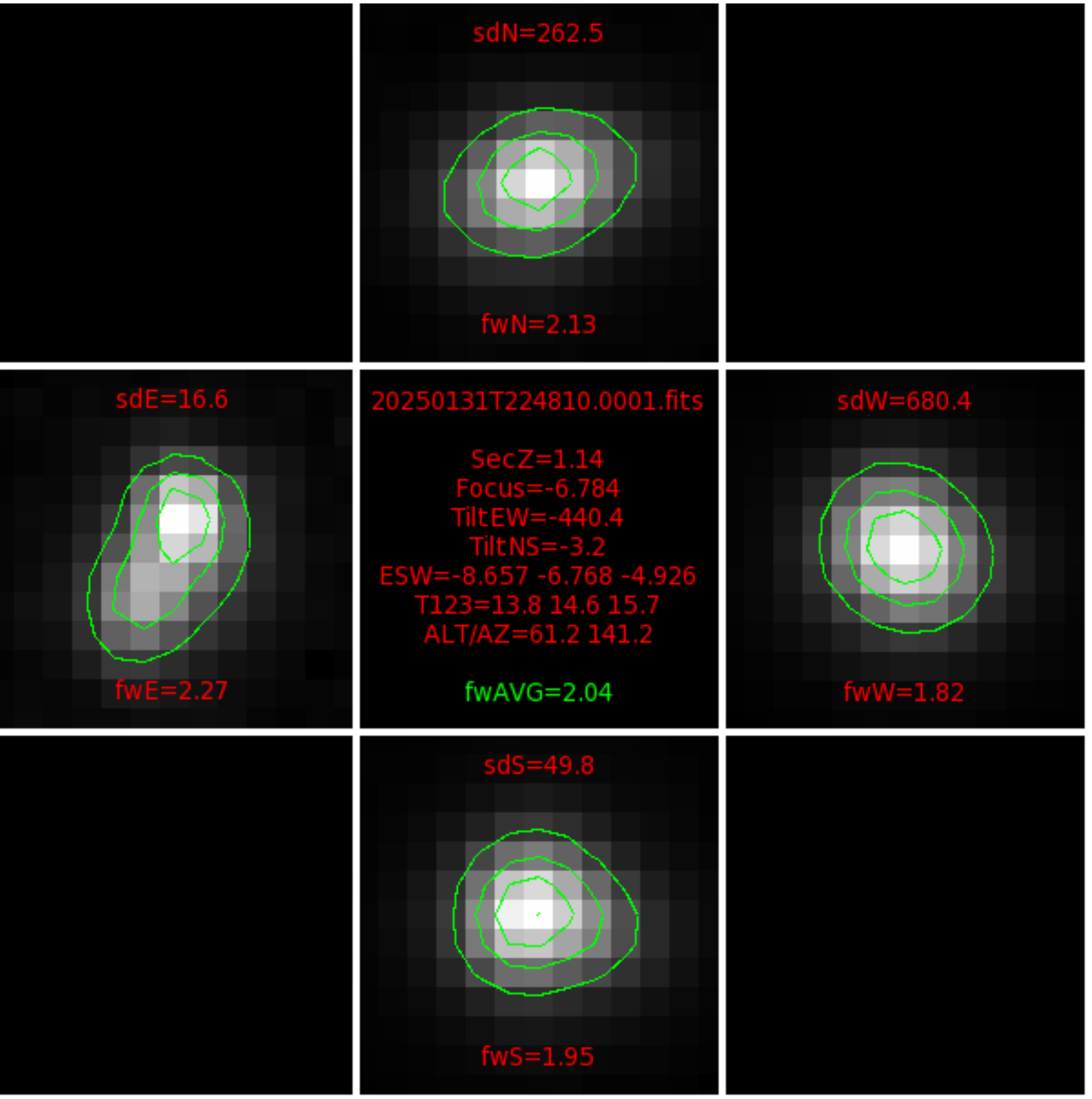
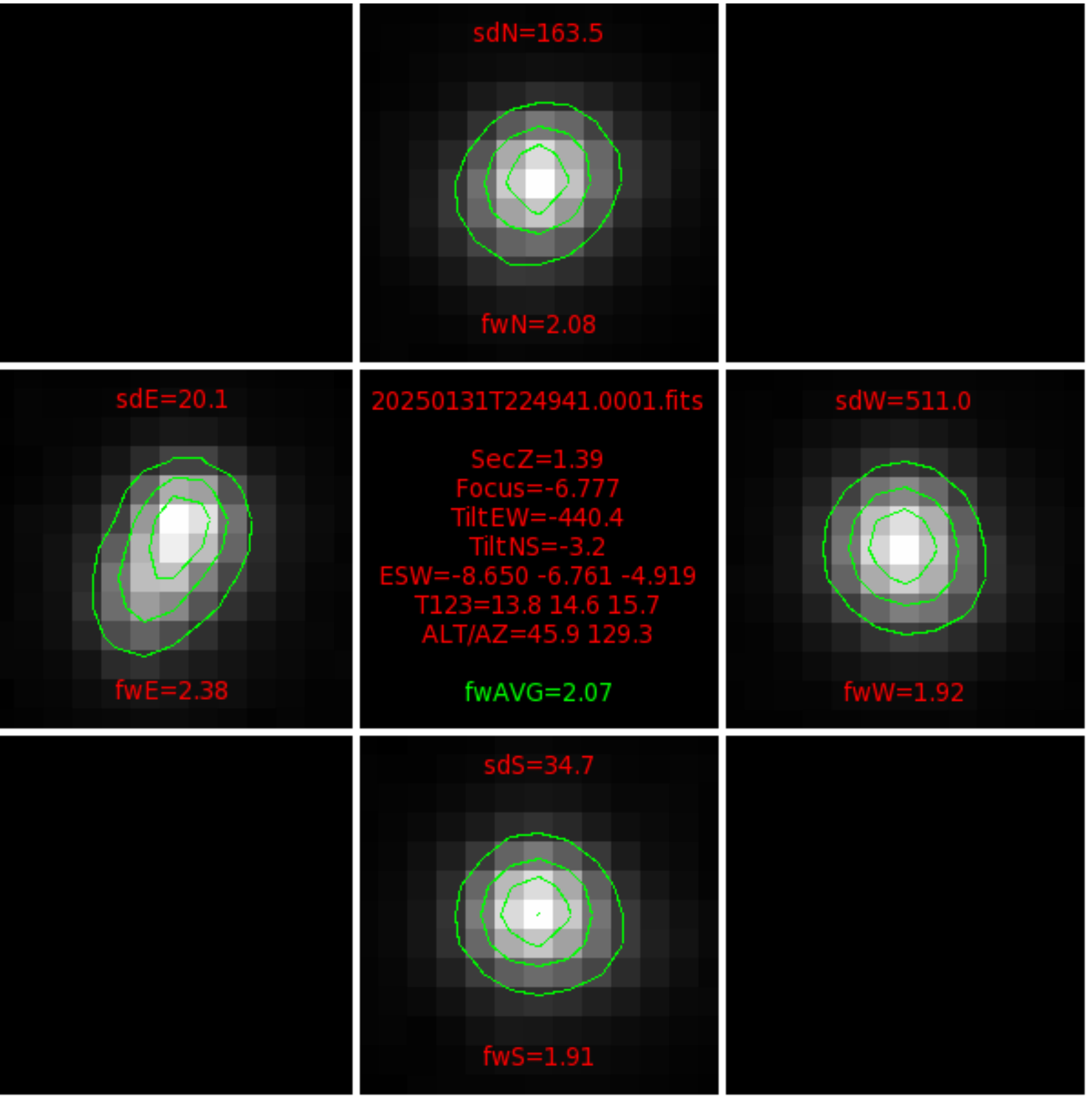
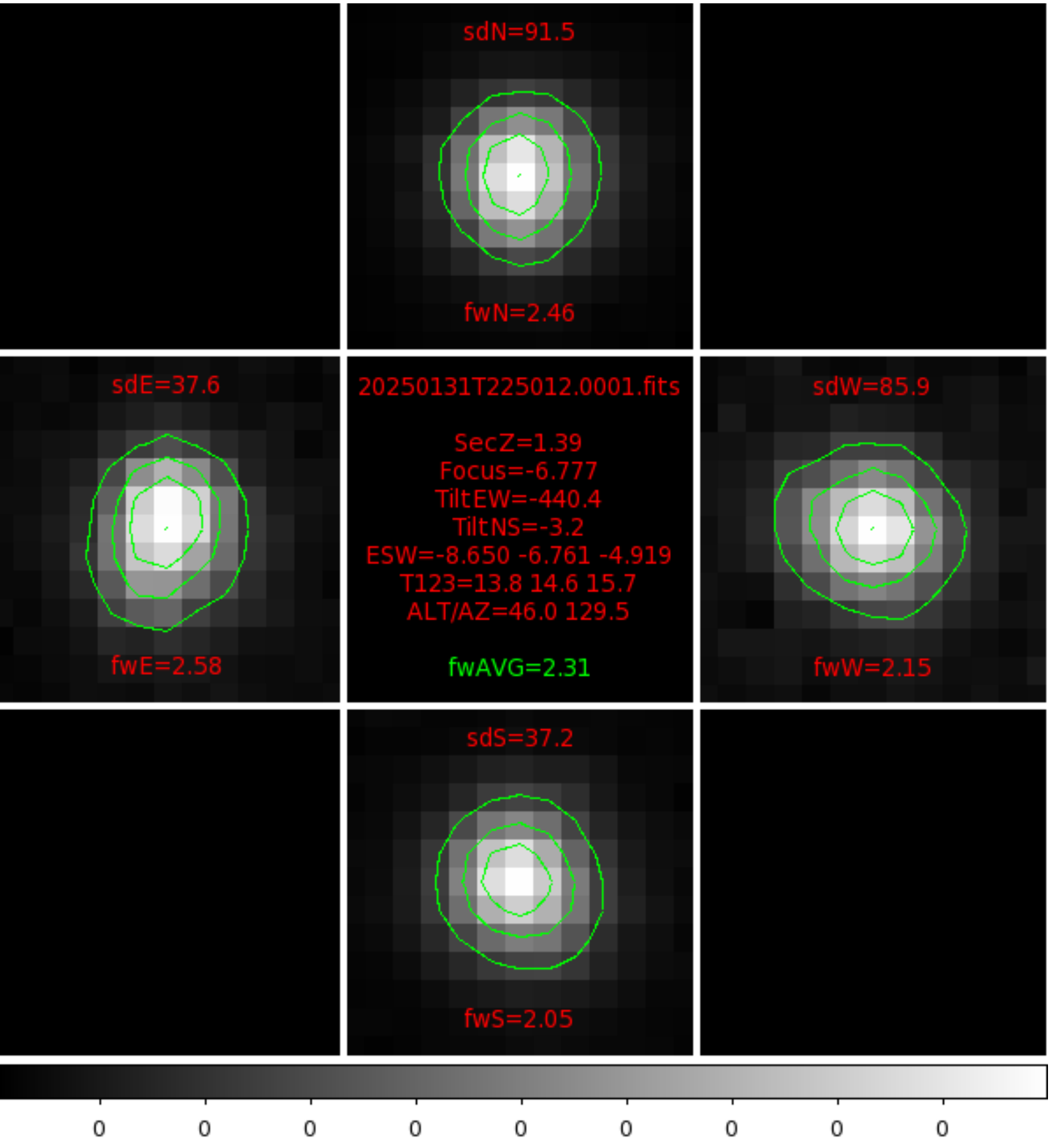

sdN=96.1
fwN=1.99
sdE=6.8
fwE=2.06
20250131T224532.0001.fits
SecZ=1.15
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=13.9 14.6 15.7
ALT/AZ=60.8 140.1
fwAVG=2.00
sdW=293.5
fwW=2.05
sdS=12.0
fwS=1.89
0 0 0 0 0 0 0 0 0

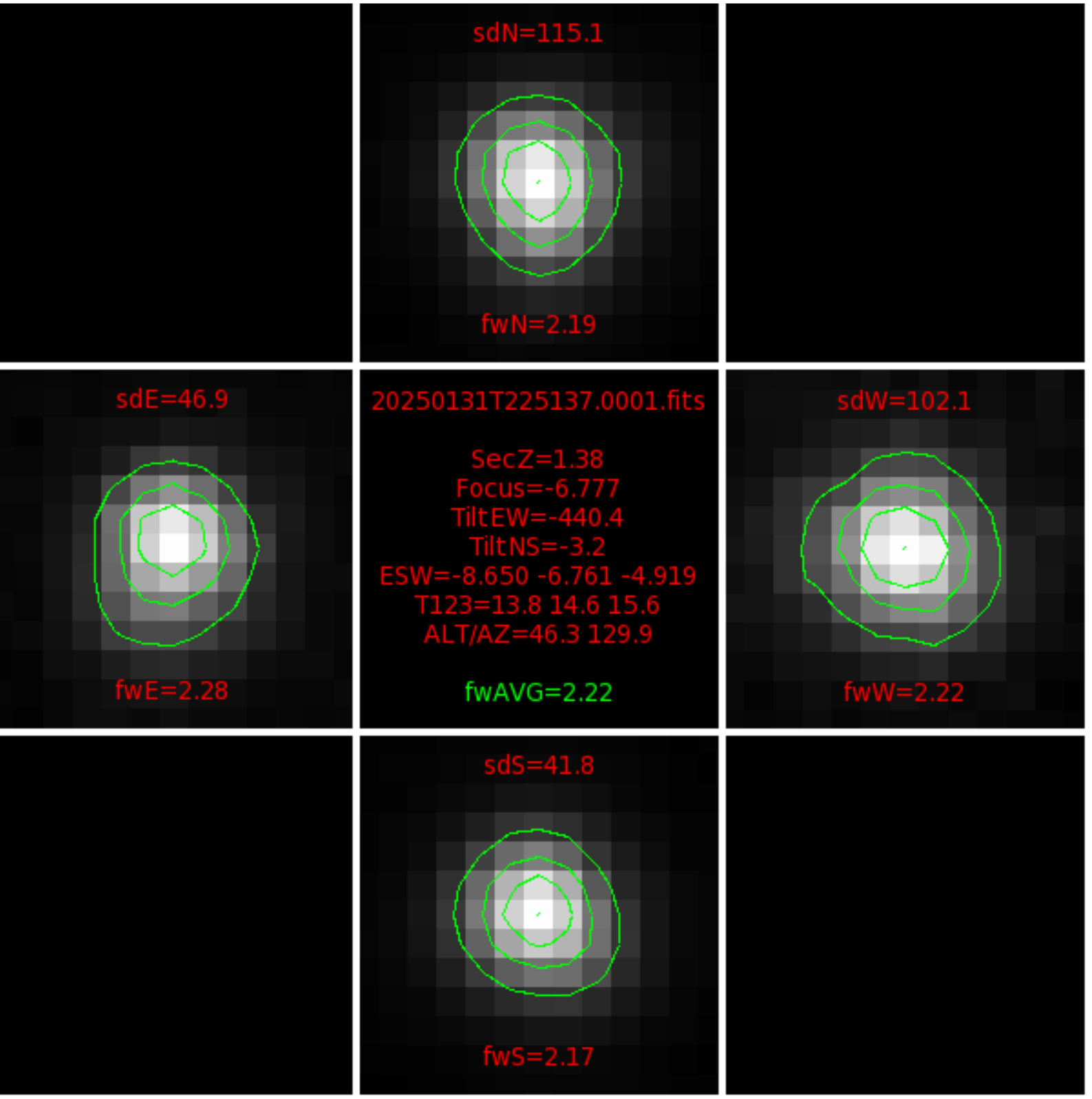

sdN=130.3
fwN=1.92
sdE=8.3
fwE=1.92
20250131T224602.0001.fits
SecZ=1.14
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=13.8 14.6 15.8
ALT/AZ=60.9 140.3
fwAVG=1.89
sdW=411.7
fwW=1.93
sdS=17.0
fwS=1.78
0 0 0 0 0 0 0 0 0

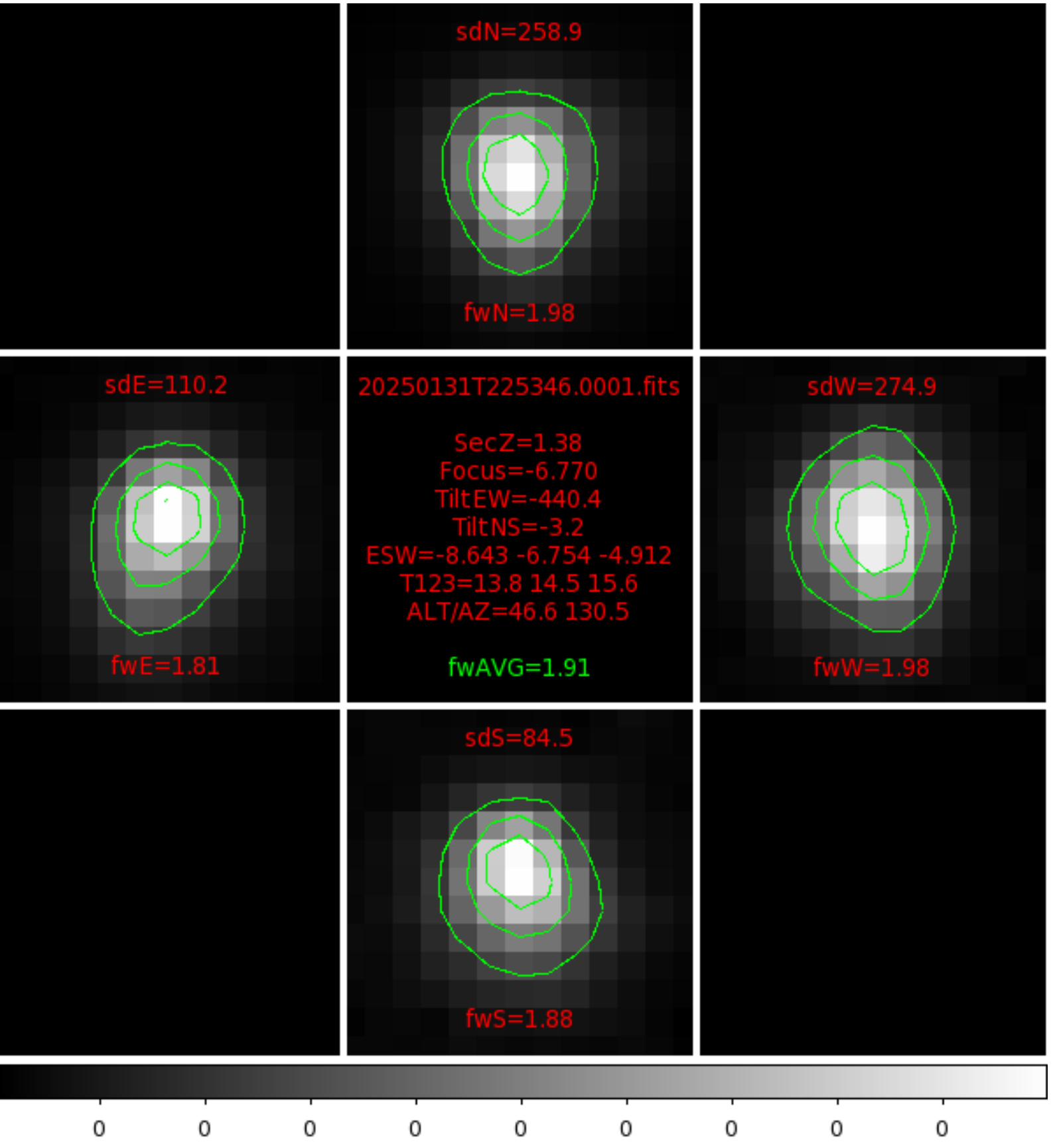

sdN=173.5
fwN=2.05
sdE=13.0
fwE=2.15
20250131T224740.0001.fits
SecZ=1.14
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=13.9 14.6 15.7
ALT/AZ=61.1 141.0
fwAVG=2.02
sdW=497.7
fwW=1.97
sdS=30.8
fwS=1.90
0 0 0 0 0 0 0 0 0

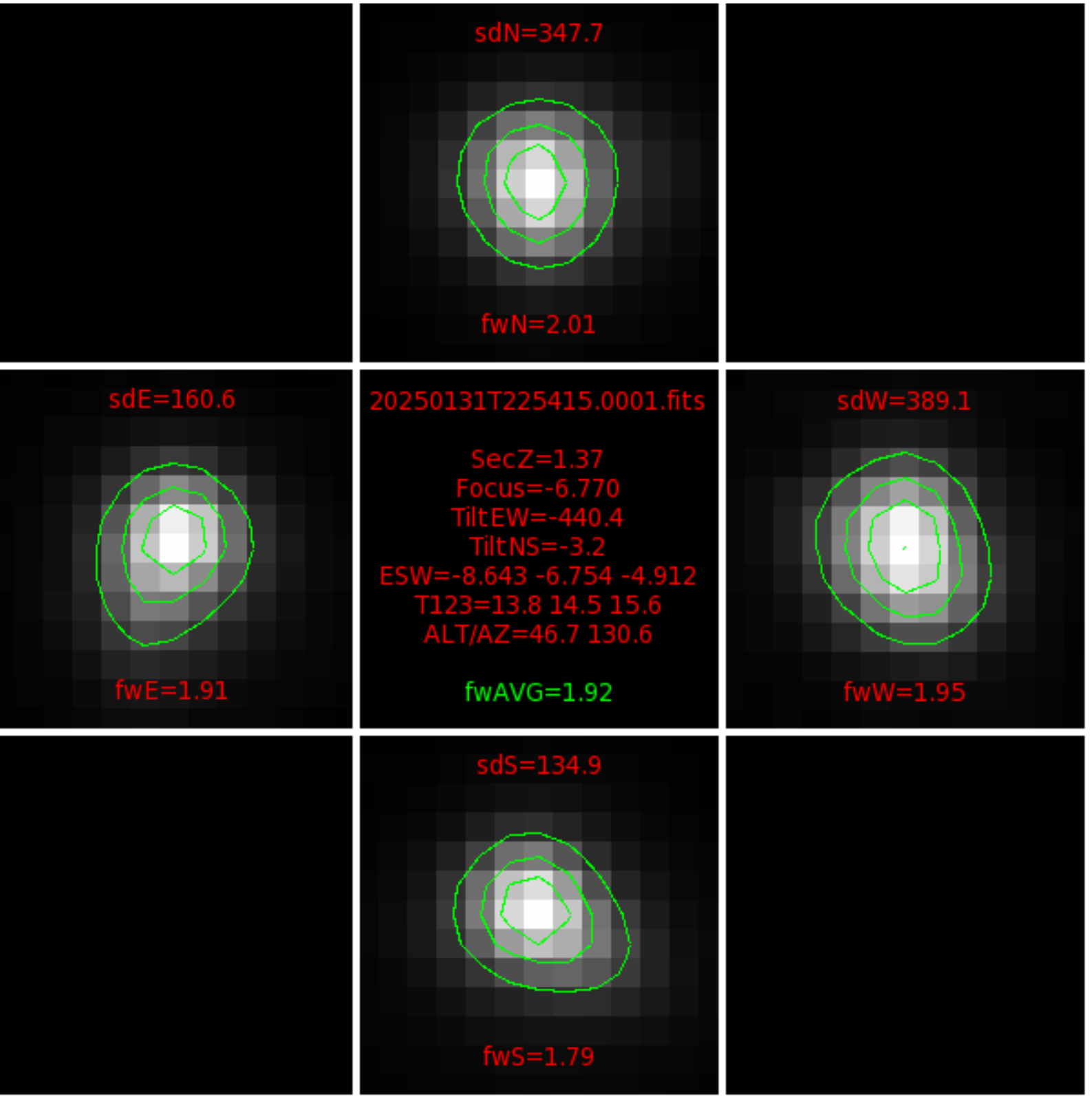

sdN=262.5
fwN=2.13
sdE=16.6
fwE=2.27
20250131T224810.0001.fits
SecZ=1.14
Focus=-6.784
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.657 -6.768 -4.926
T123=13.8 14.6 15.7
ALT/AZ=61.2 141.2
fwAVG=2.04
sdW=680.4
fwW=1.82
sdS=49.8
fwS=1.95
0 0 0 0 0 0 0 0 0

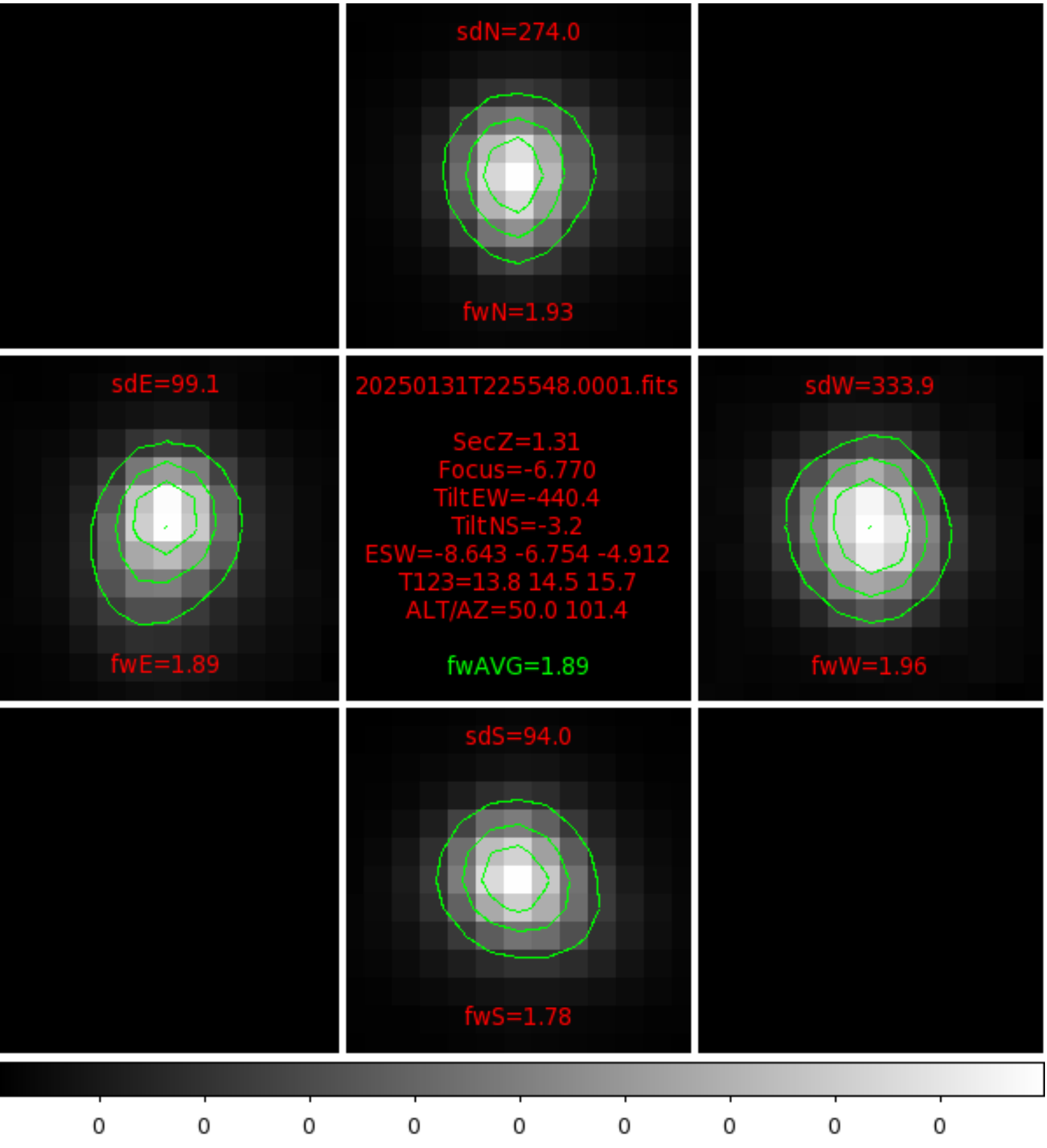

sdN=163.5
fwN=2.08
sdE=20.1
fwE=2.38
20250131T224941.0001.fits
SecZ=1.39
Focus=-6.777
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.650 -6.761 -4.919
T123=13.8 14.6 15.7
ALT/AZ=45.9 129.3
fwAVG=2.07
sdW=511.0
fwW=1.92
sdS=34.7
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=91.5
fwN=2.46
sdE=37.6
fwE=2.58
20250131T225012.0001.fits
SecZ=1.39
Focus=-6.777
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.650 -6.761 -4.919
T123=13.8 14.6 15.7
ALT/AZ=46.0 129.5
fwAVG=2.31
sdW=85.9
fwW=2.15
sdS=37.2
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=115.1
fwN=2.19
sdE=46.9
fwE=2.28
20250131T225137.0001.fits
SecZ=1.38
Focus=-6.777
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.650 -6.761 -4.919
T123=13.8 14.6 15.6
ALT/AZ=46.3 129.9
fwAVG=2.22
sdW=102.1
fwW=2.22
sdS=41.8
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=258.9
fwN=1.98
sdE=110.2
fwE=1.81
20250131T225346.0001.fits
SecZ=1.38
Focus=-6.770
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.643 -6.754 -4.912
T123=13.8 14.5 15.6
ALT/AZ=46.6 130.5
fwAVG=1.91
sdW=274.9
fwW=1.98
sdS=84.5
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=347.7
fwN=2.01
sdE=160.6
fwE=1.91
20250131T225415.0001.fits
SecZ=1.37
Focus=-6.770
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.643 -6.754 -4.912
T123=13.8 14.5 15.6
ALT/AZ=46.7 130.6
fwAVG=1.92
sdW=389.1
fwW=1.95
sdS=134.9
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=274.0
fwN=1.93
sdE=99.1
fwE=1.89
20250131T225548.0001.fits
SecZ=1.31
Focus=-6.770
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.643 -6.754 -4.912
T123=13.8 14.5 15.7
ALT/AZ=50.0 101.4
fwAVG=1.89
sdW=333.9
fwW=1.96
sdS=94.0
fwS=1.78
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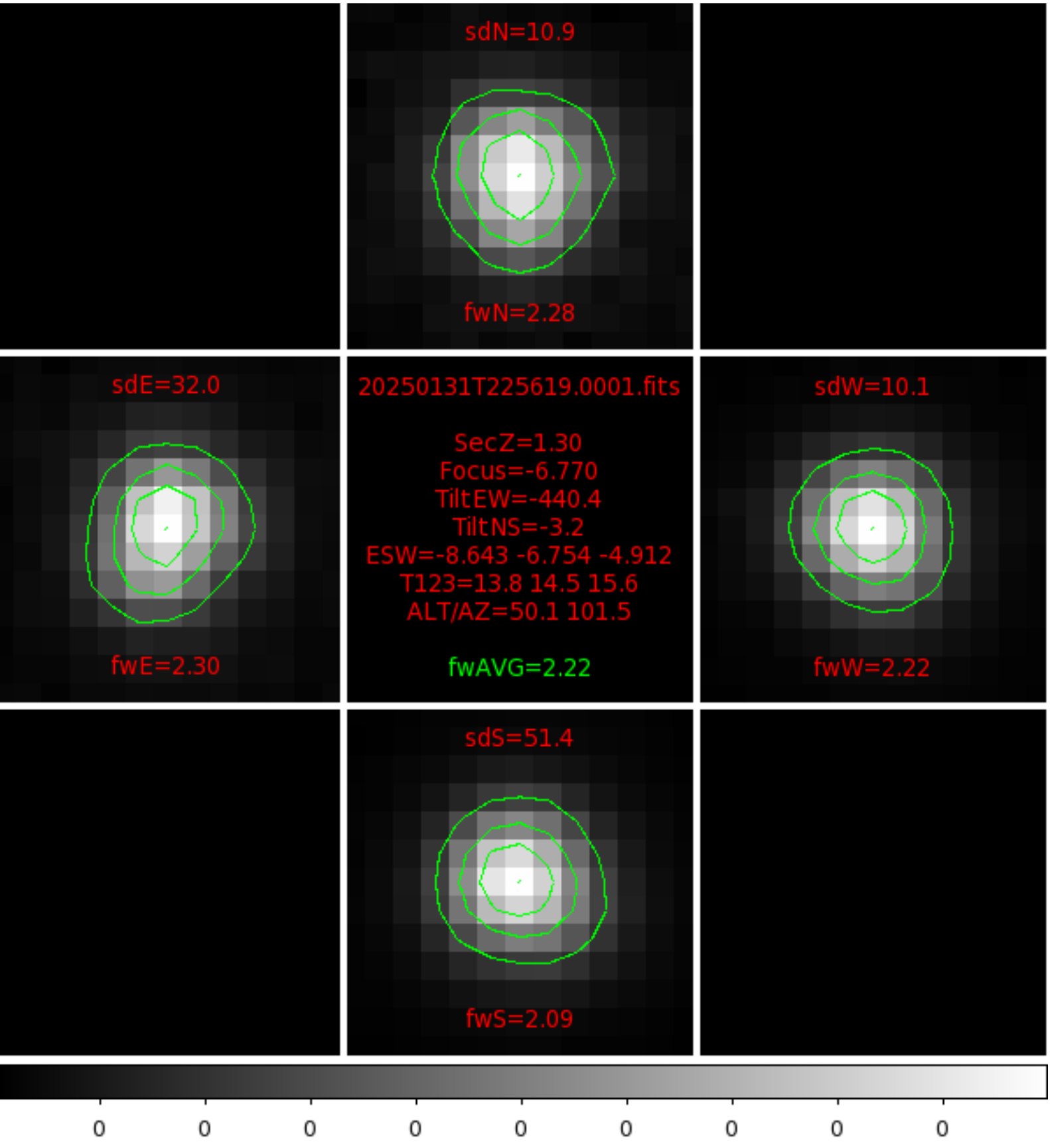
sdN=10.9
fwN=2.28
sdE=32.0
fwE=2.30
20250131T225619.0001.fits
SecZ=1.30
Focus=-6.770
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.643 -6.754 -4.912
T123=13.8 14.5 15.6
ALT/AZ=50.1 101.5
fwAVG=2.22
sdW=10.1
fwW=2.22
sdS=51.4
fwS=2.09
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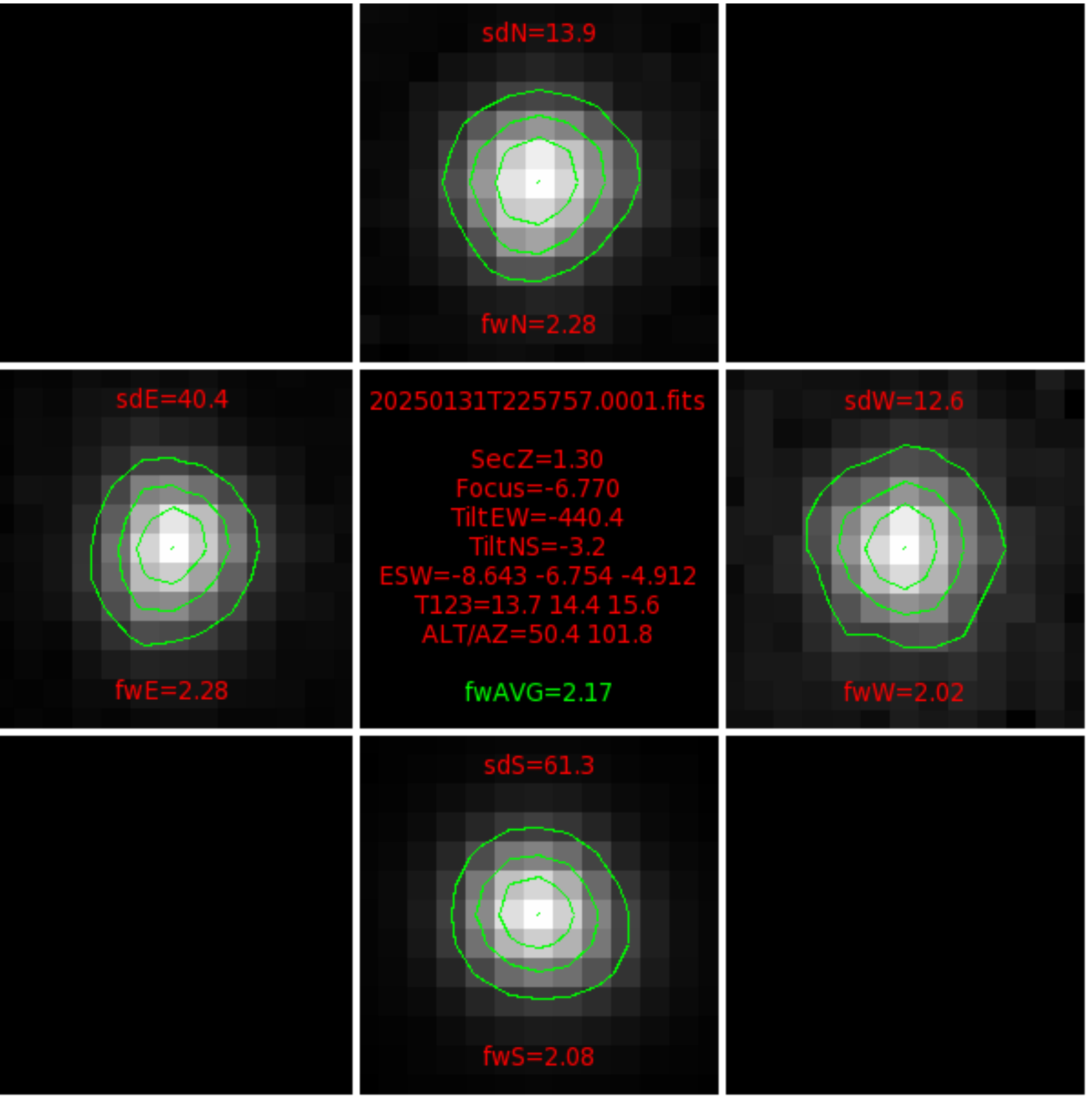
sdN=13.9
fwN=2.28
sdE=40.4
fwE=2.28
20250131T225757.0001.fits
SecZ=1.30
Focus=-6.770
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.643 -6.754 -4.912
T123=13.7 14.4 15.6
ALT/AZ=50.4 101.8
fwAVG=2.17
sdW=12.6
fwW=2.02
sdS=61.3
fwS=2.08
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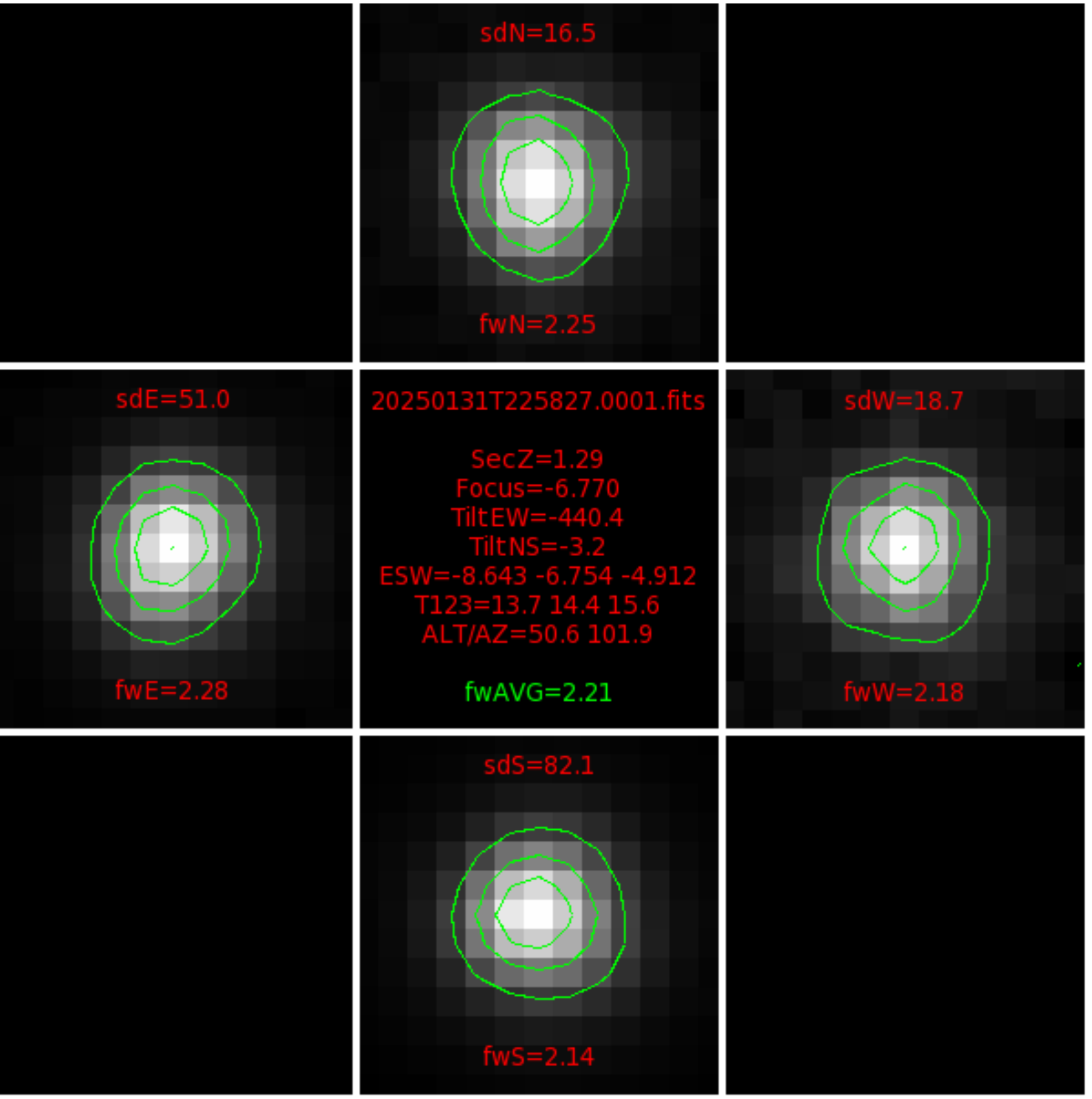
sdN=16.5
fwN=2.25
sdE=51.0
fwE=2.28
20250131T225827.0001.fits
SecZ=1.29
Focus=-6.770
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.643 -6.754 -4.912
T123=13.7 14.4 15.6
ALT/AZ=50.6 101.9
fwAVG=2.21
sdW=18.7
fwW=2.18
sdS=82.1
fwS=2.14
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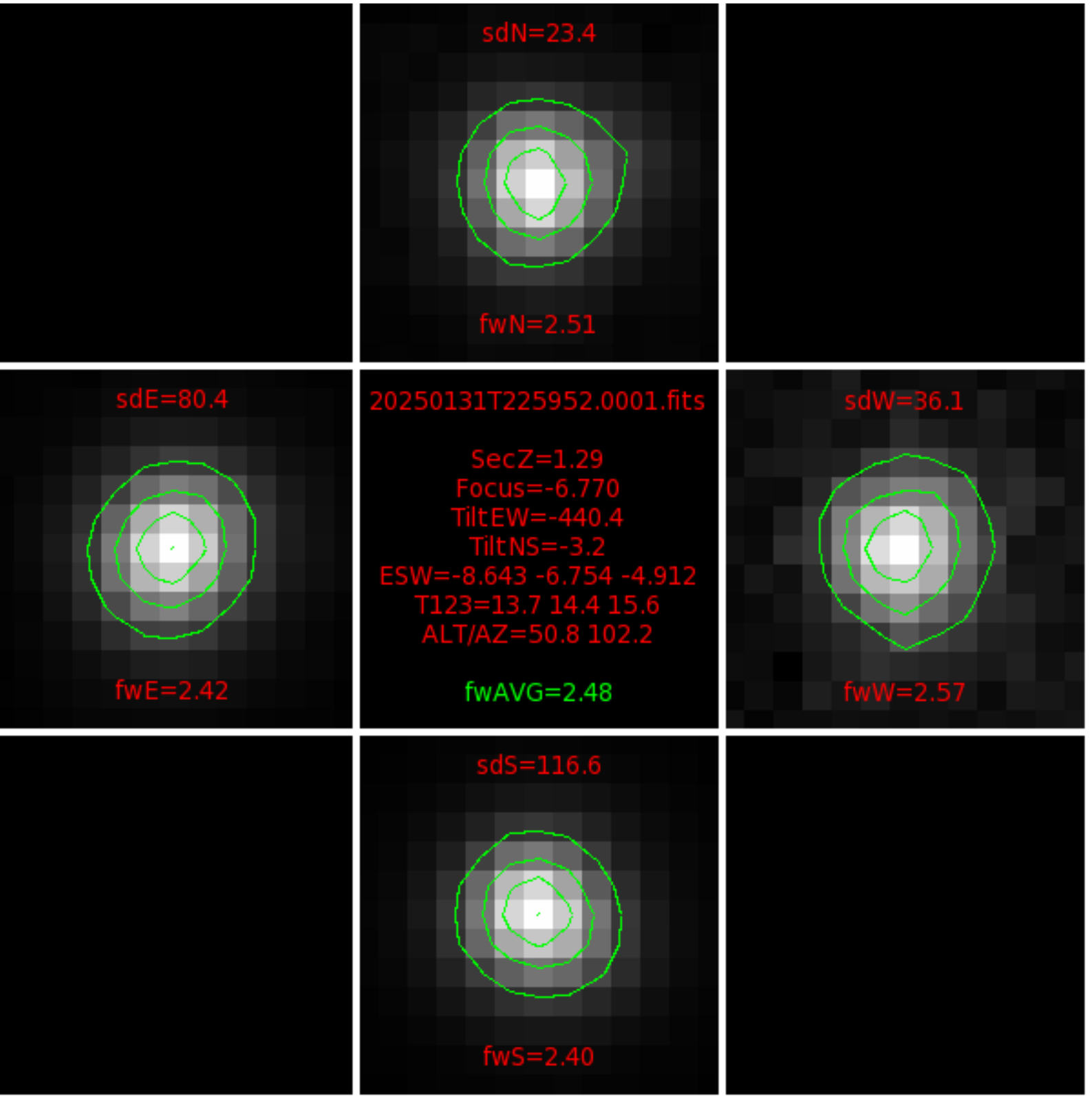
sdN=23.4
fwN=2.51
sdE=80.4
fwE=2.42
20250131T225952.0001.fits
SecZ=1.29
Focus=-6.770
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.643 -6.754 -4.912
T123=13.7 14.4 15.6
ALT/AZ=50.8 102.2
fwAVG=2.48
sdW=36.1
fwW=2.57
sdS=116.6
fwS=2.40
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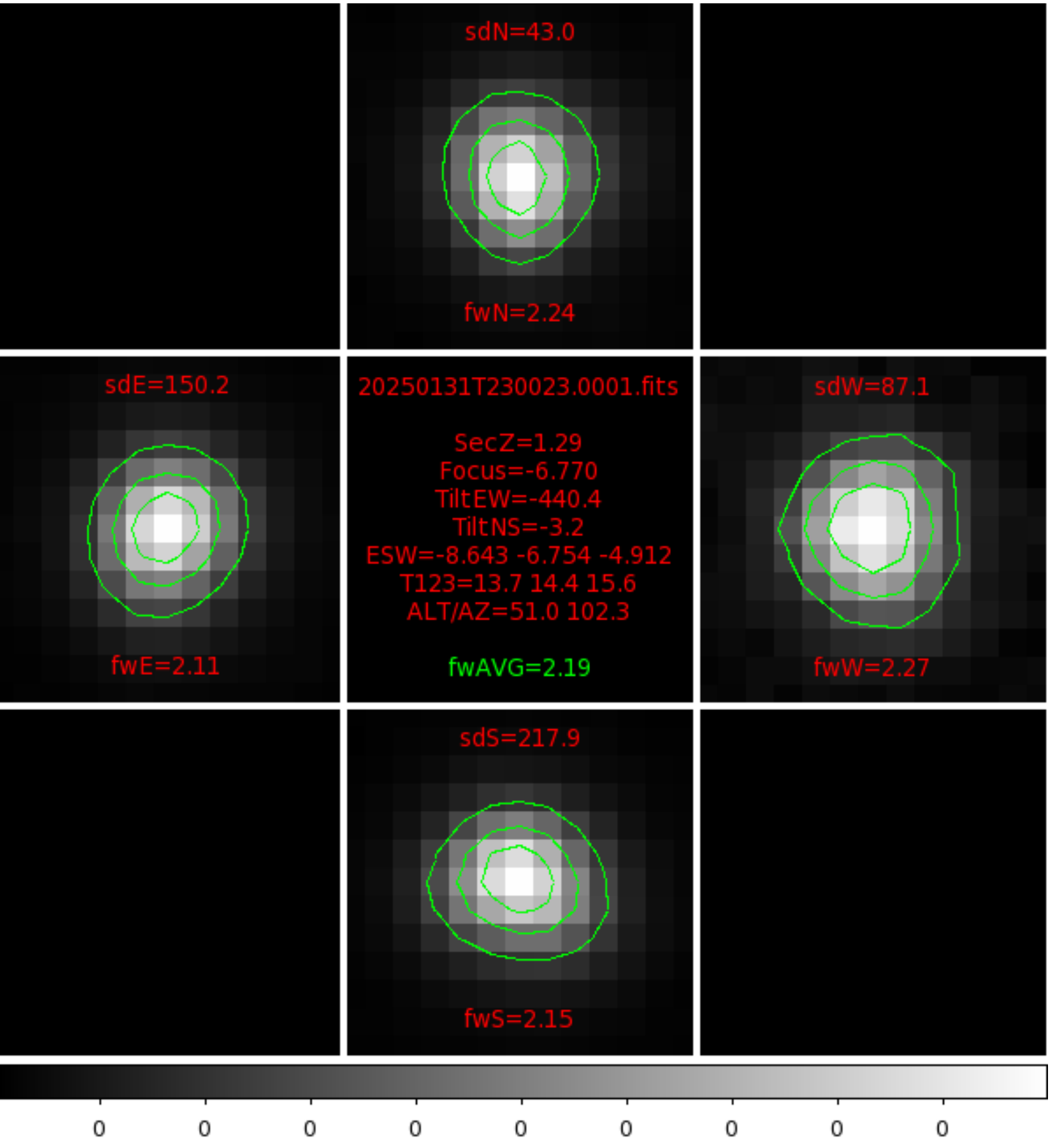
sdN=43.0
fwN=2.24
sdE=150.2
fwE=2.11
20250131T230023.0001.fits
SecZ=1.29
Focus=-6.770
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.643 -6.754 -4.912
T123=13.7 14.4 15.6
ALT/AZ=51.0 102.3
fwAVG=2.19
sdW=87.1
fwW=2.27
sdS=217.9
fwS=2.15
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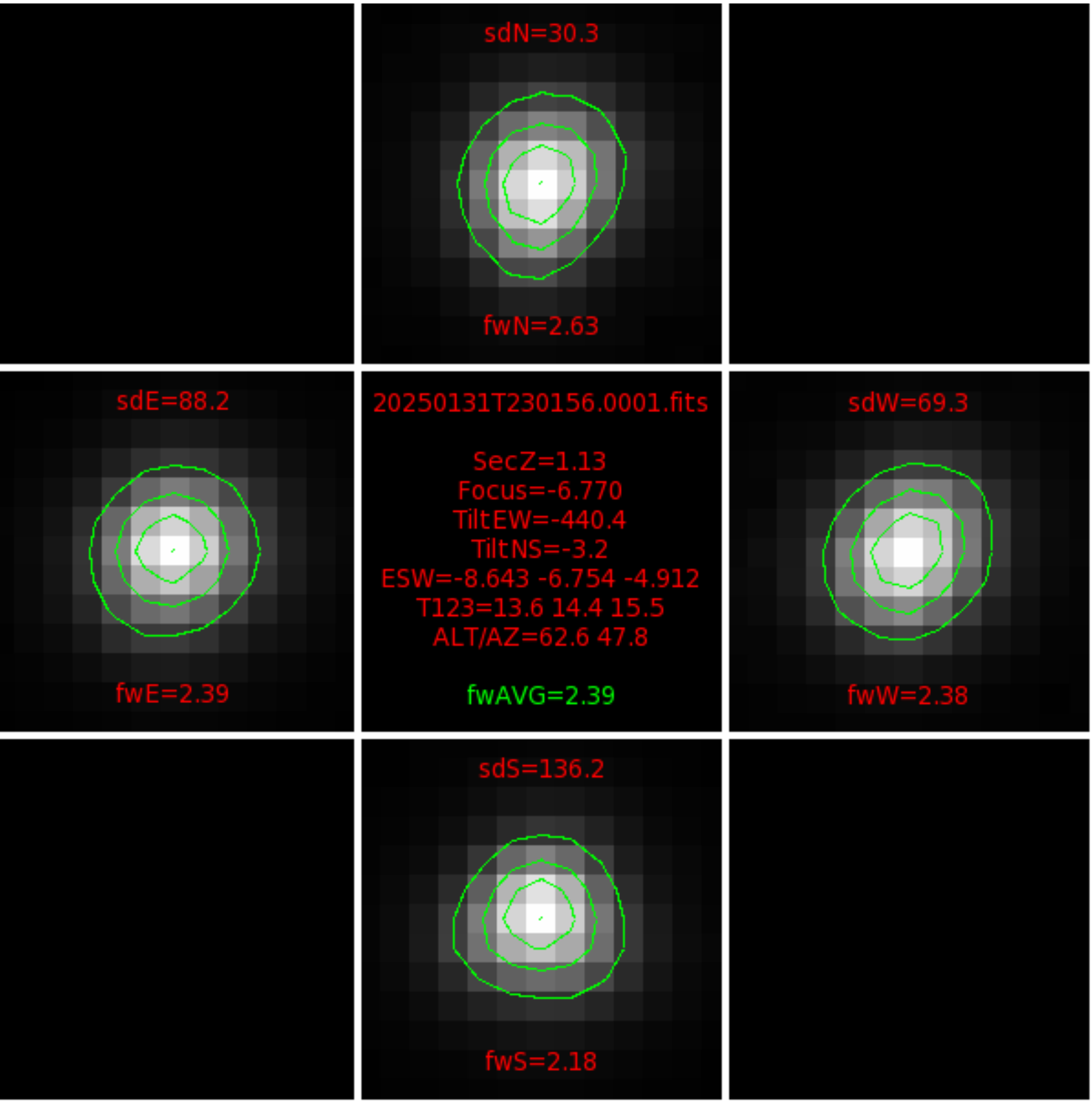
sdN=30.3
fwN=2.63
sdE=88.2
fwE=2.39
20250131T230156.0001.fits
SecZ=1.13
Focus=-6.770
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.643 -6.754 -4.912
T123=13.6 14.4 15.5
ALT/AZ=62.6 47.8
fwAVG=2.39
sdW=69.3
fwW=2.38
sdS=136.2
fwS=2.18
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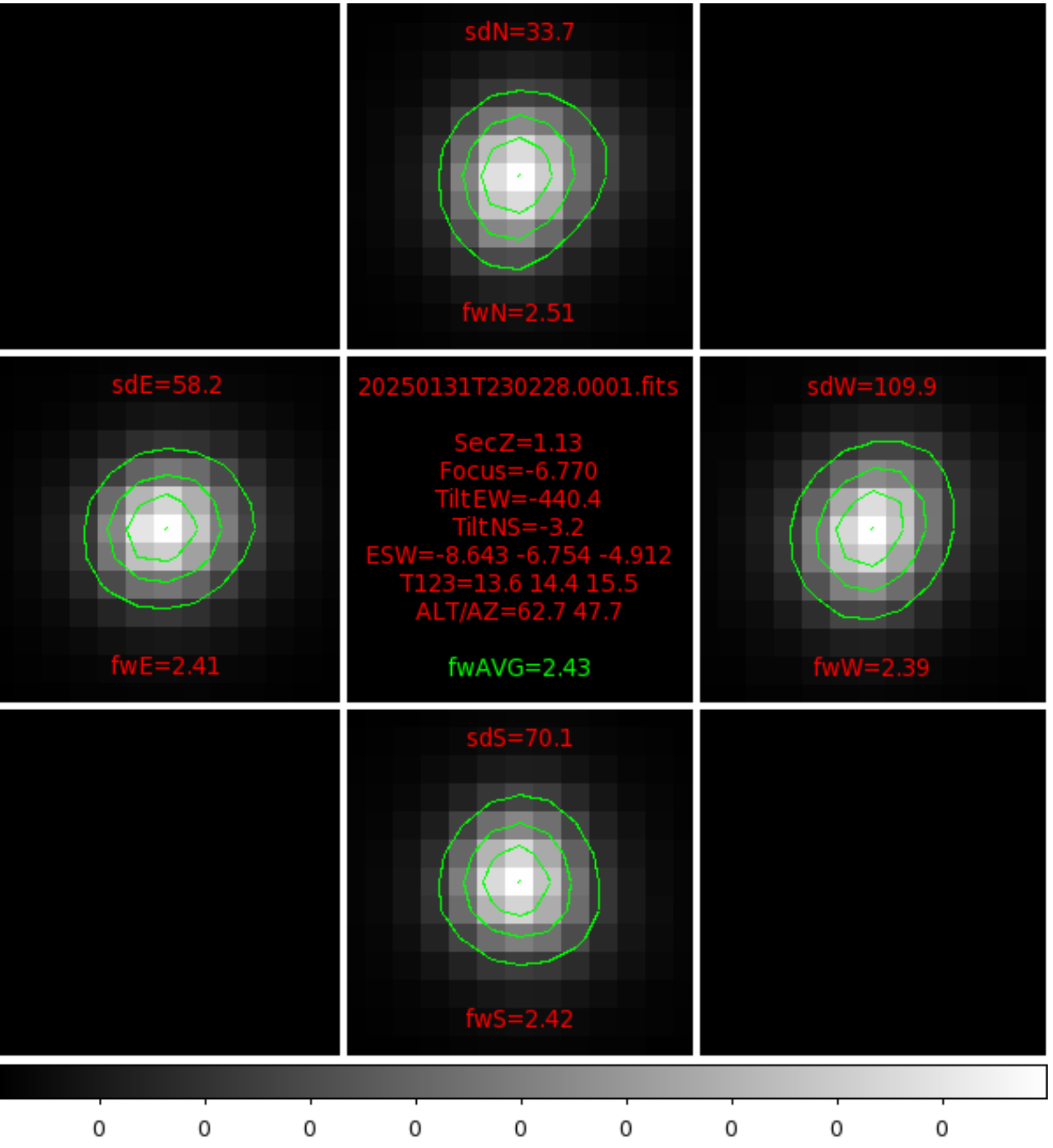
sdN=33.7
fwN=2.51
sdE=58.2
fwE=2.41
20250131T230228.0001.fits
SecZ=1.13
Focus=-6.770
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.643 -6.754 -4.912
T123=13.6 14.4 15.5
ALT/AZ=62.7 47.7
fwAVG=2.43
sdW=109.9
fwW=2.39
sdS=70.1
fwS=2.42
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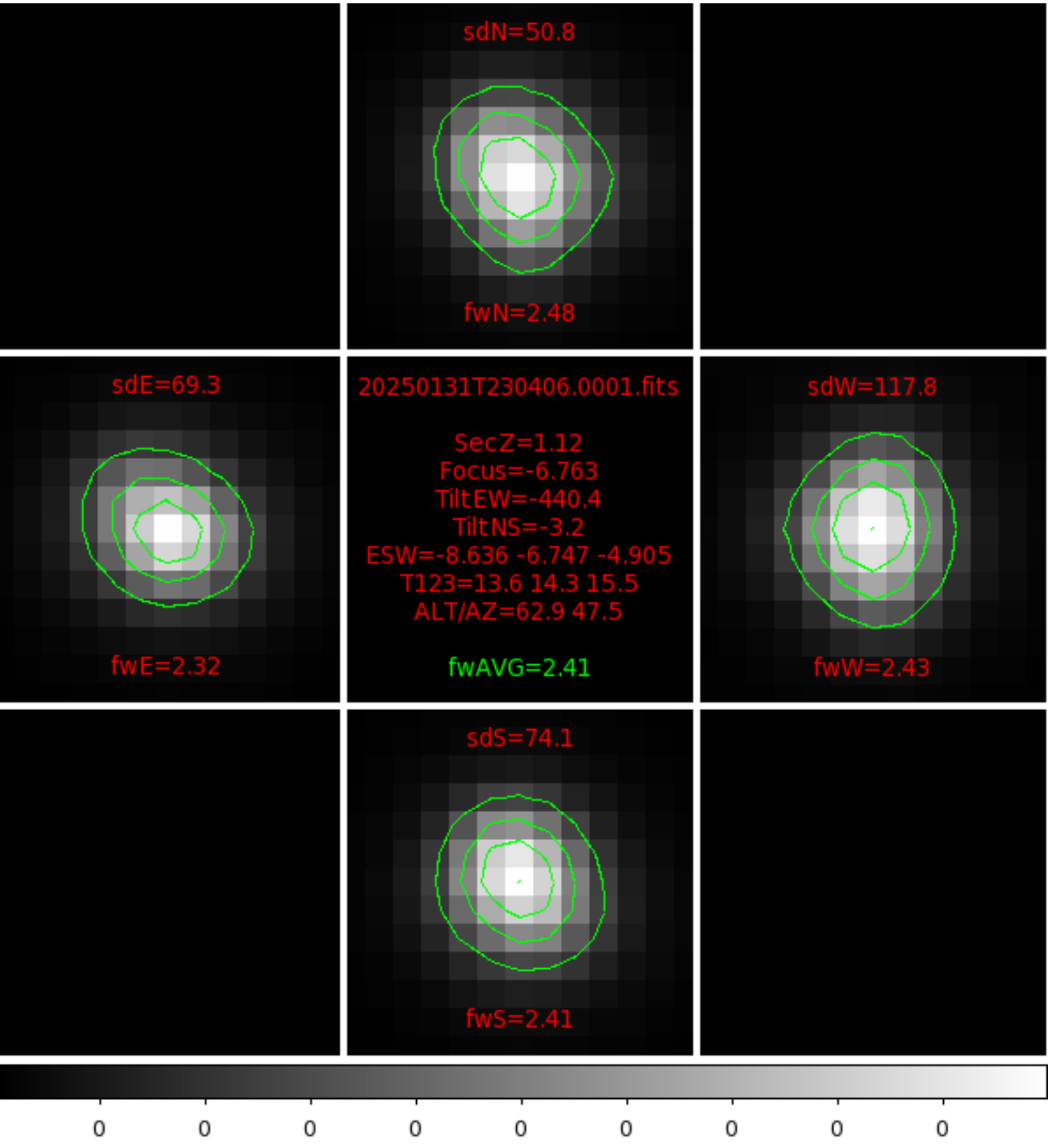
sdN=50.8
fwN=2.48
sdE=69.3
fwE=2.32
20250131T230406.0001.fits
SecZ=1.12
Focus=-6.763
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.636 -6.747 -4.905
T123=13.6 14.3 15.5
ALT/AZ=62.9 47.5
fwAVG=2.41
sdW=117.8
fwW=2.43
sdS=74.1
fwS=2.41
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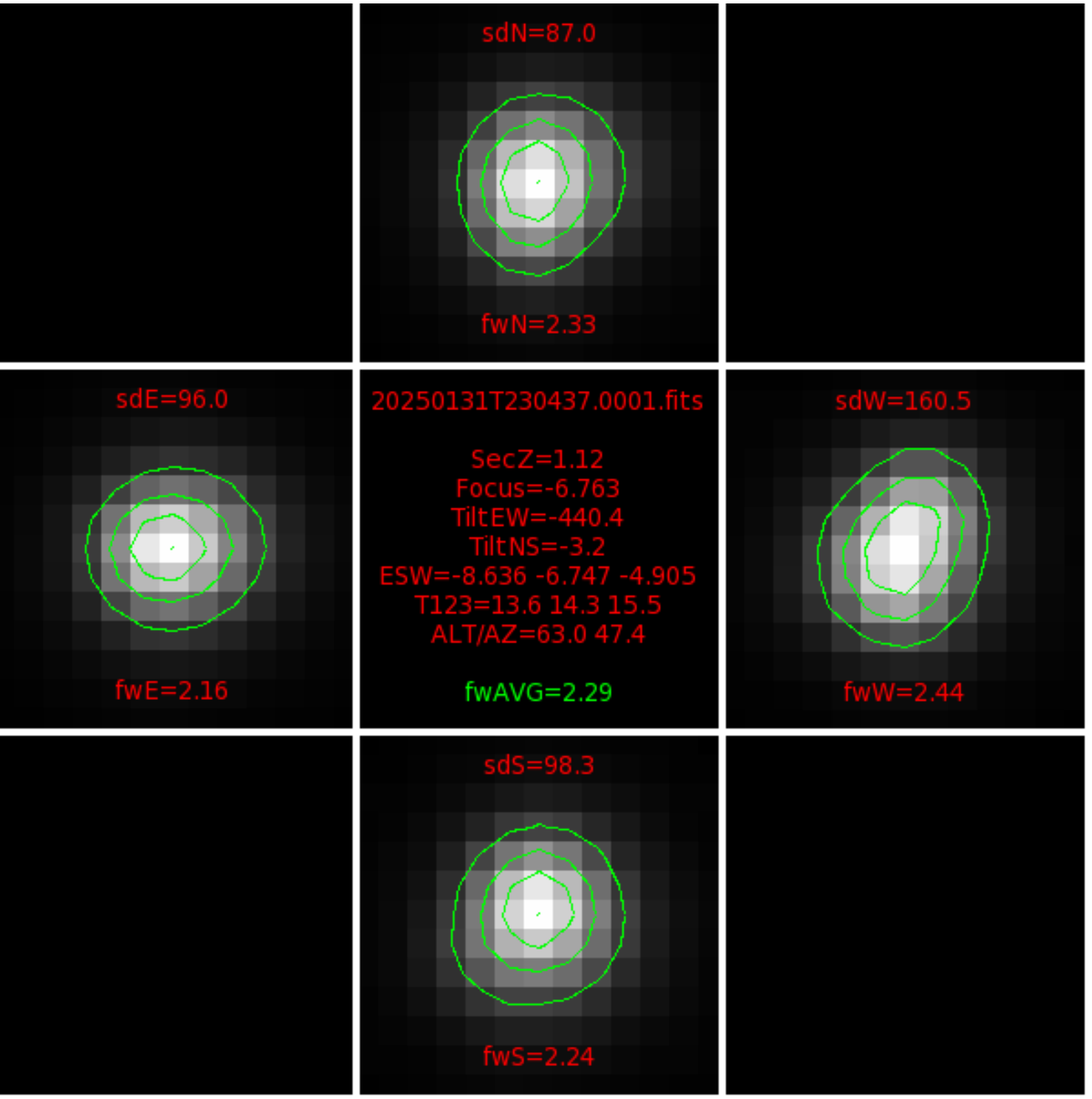
sdN=87.0
fwN=2.33
sdE=96.0
fwE=2.16
20250131T230437.0001.fits
SecZ=1.12
Focus=-6.763
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.636 -6.747 -4.905
T123=13.6 14.3 15.5
ALT/AZ=63.0 47.4
fwAVG=2.29
sdW=160.5
fwW=2.44
sdS=98.3
fwS=2.24
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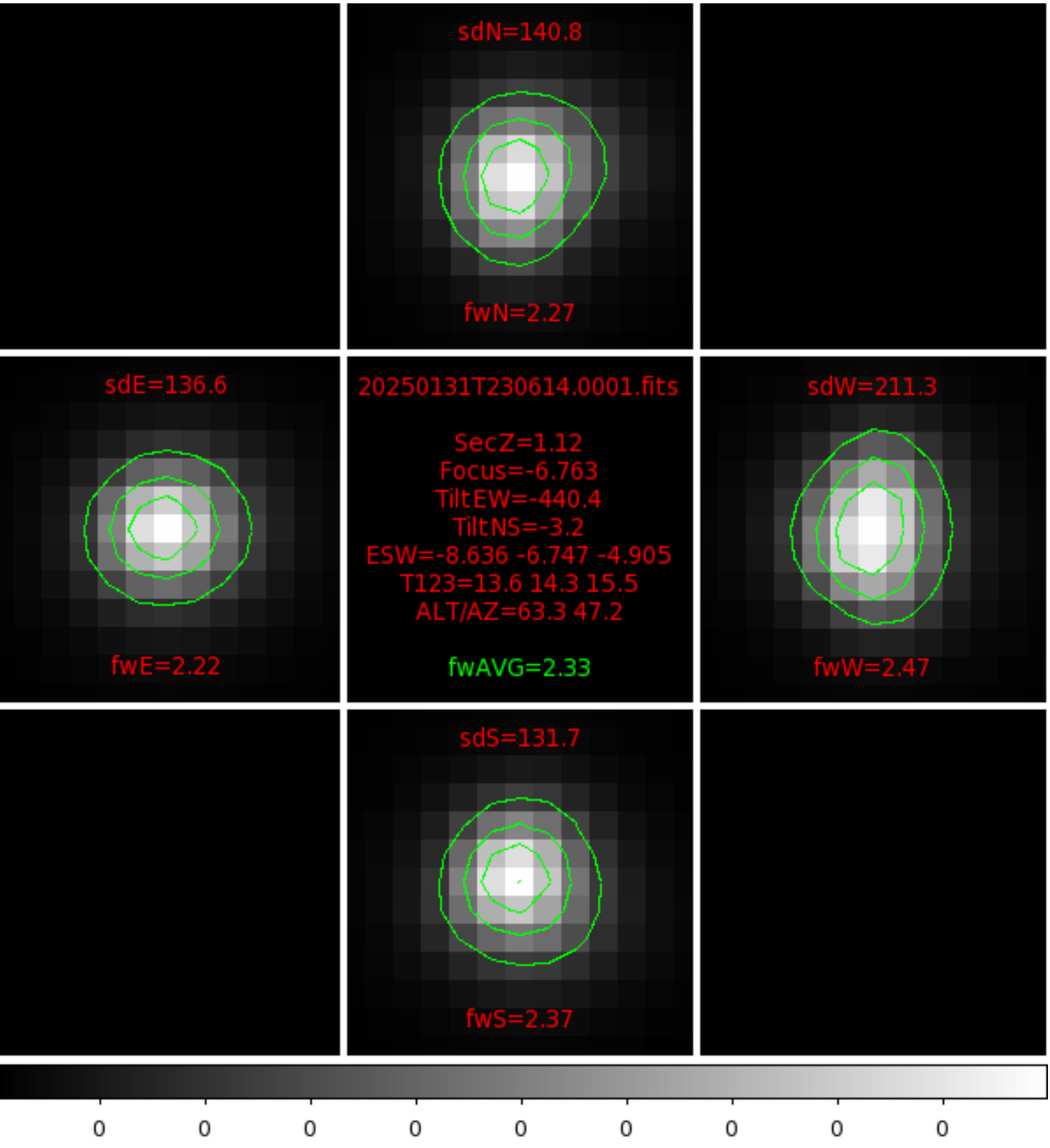
sdN=140.8
fwN=2.27
sdE=136.6
fwE=2.22
20250131T230614.0001.fits
SecZ=1.12
Focus=-6.763
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.636 -6.747 -4.905
T123=13.6 14.3 15.5
ALT/AZ=63.3 47.2
fwAVG=2.33
sdW=211.3
fwW=2.47
sdS=131.7
fwS=2.37
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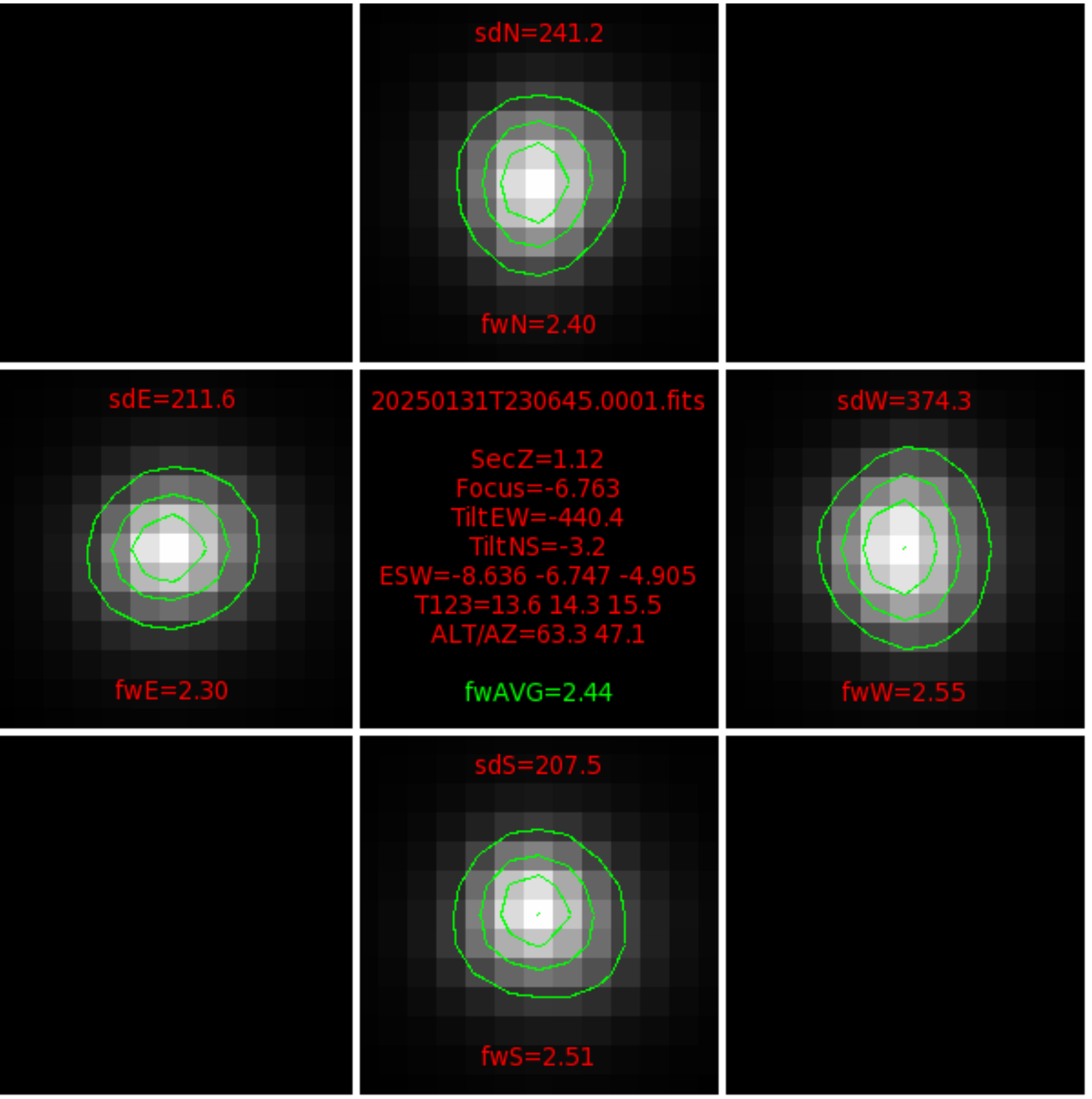
sdN=241.2
fwN=2.40
sdE=211.6
fwE=2.30
20250131T230645.0001.fits
SecZ=1.12
Focus=-6.763
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.636 -6.747 -4.905
T123=13.6 14.3 15.5
ALT/AZ=63.3 47.1
fwAVG=2.44
sdW=374.3
fwW=2.55
sdS=207.5
fwS=2.51
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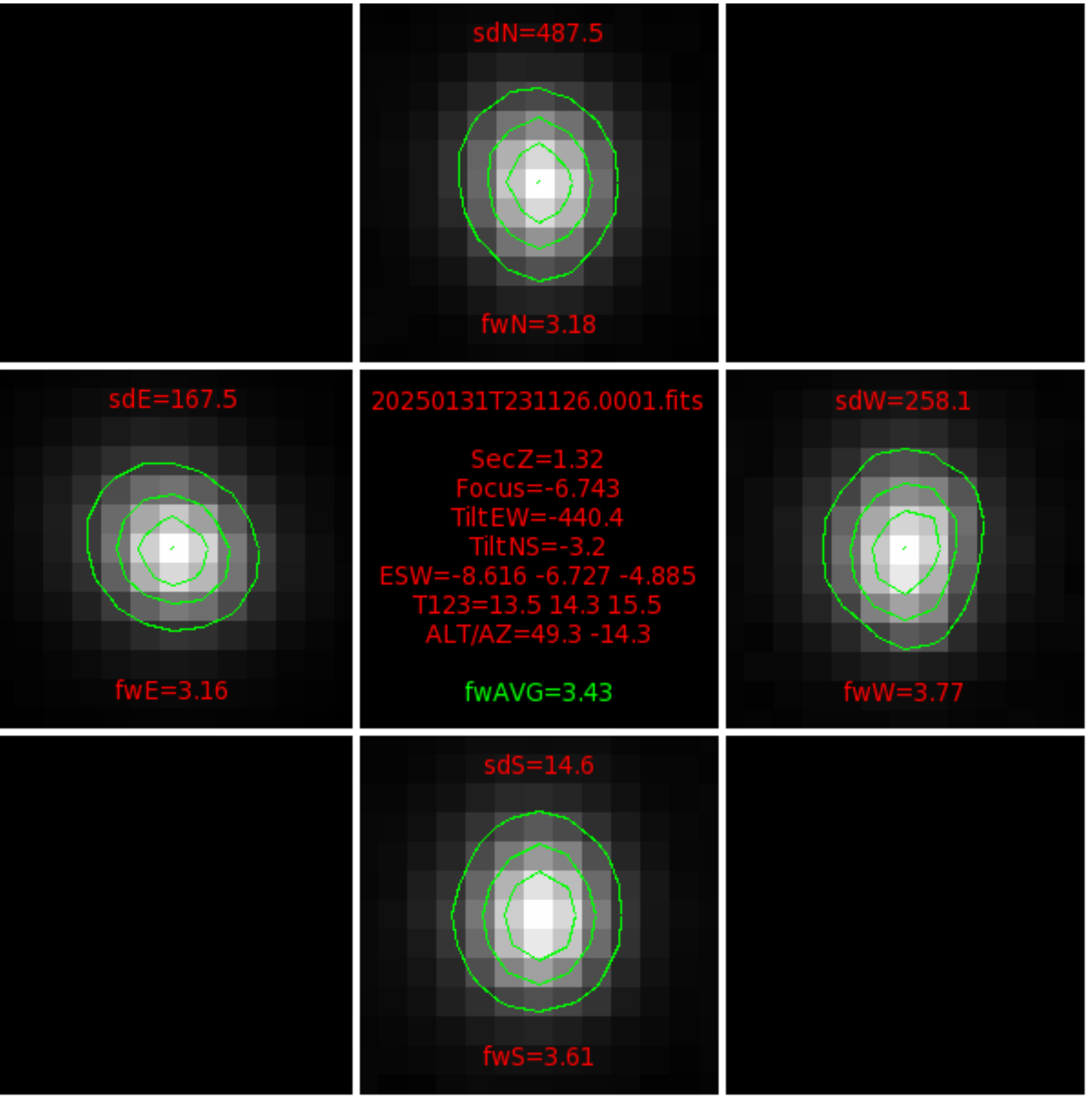
sdN=487.5
fwN=3.18
sdE=167.5
fwE=3.16
20250131T231126.0001.fits
SecZ=1.32
Focus=-6.743
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.616 -6.727 -4.885
T123=13.5 14.3 15.5
ALT/AZ=49.3 -14.3
fwAVG=3.43
sdW=258.1
fwW=3.77
sdS=14.6
fwS=3.61
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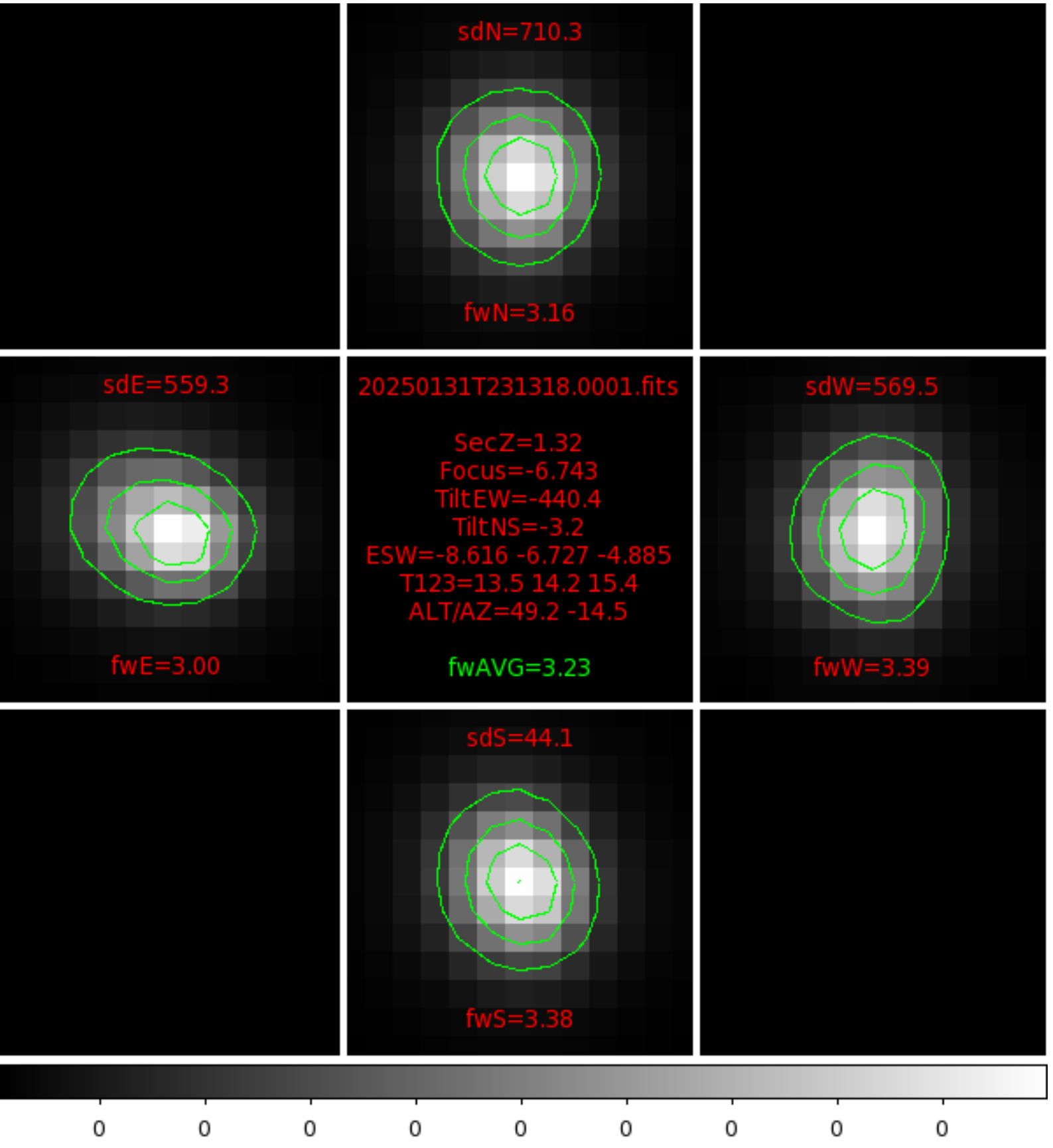
sdN=710.3
fwN=3.16
sdE=559.3
fwE=3.00
20250131T231318.0001.fits
SecZ=1.32
Focus=-6.743
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.616 -6.727 -4.885
T123=13.5 14.2 15.4
ALT/AZ=49.2 -14.5
fwAVG=3.23
sdW=569.5
fwW=3.39
sdS=44.1
fwS=3.38
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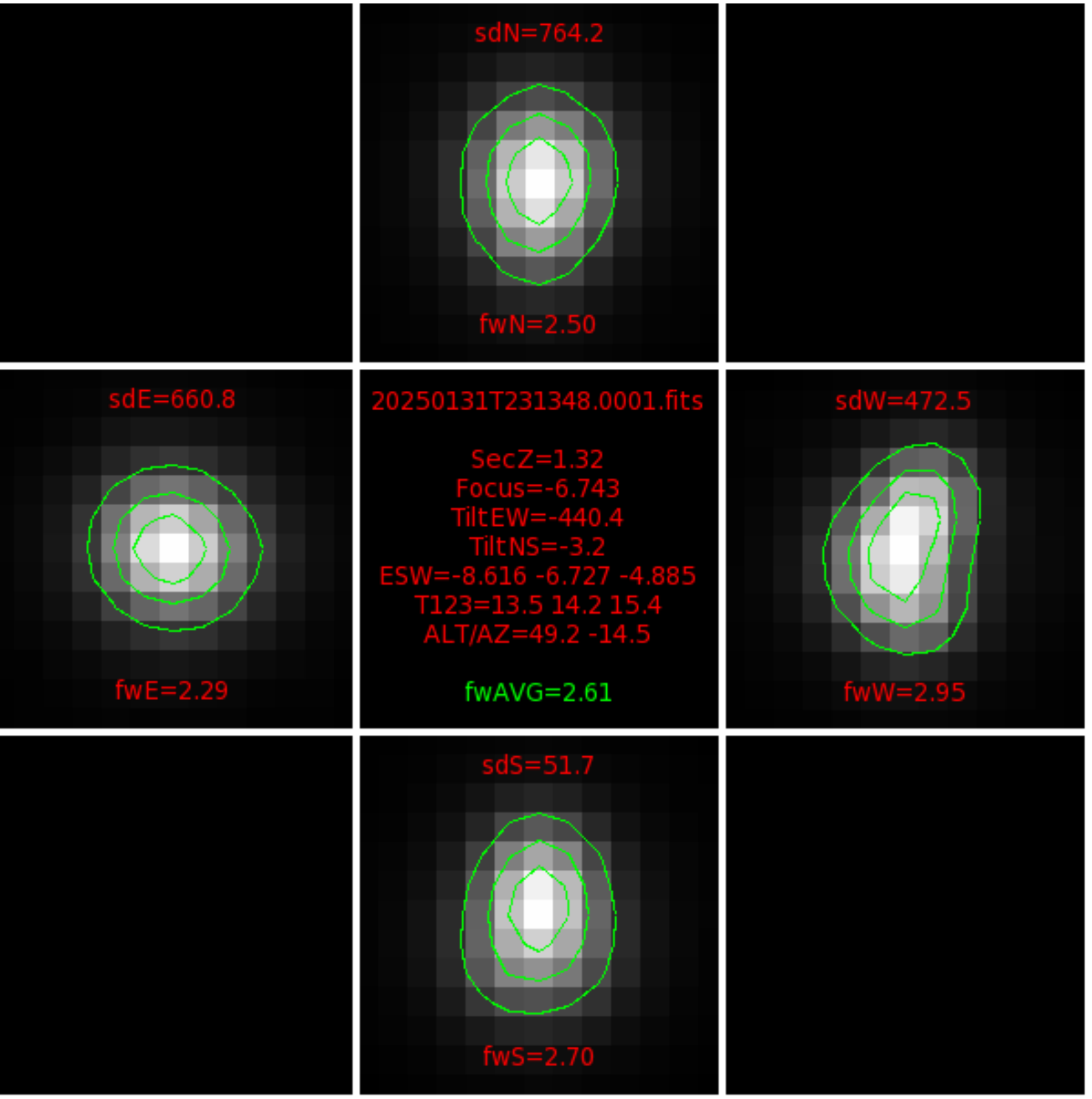
sdN=764.2
fwN=2.50
sdE=660.8
fwE=2.29
20250131T231348.0001.fits
SecZ=1.32
Focus=-6.743
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.616 -6.727 -4.885
T123=13.5 14.2 15.4
ALT/AZ=49.2 -14.5
fwAVG=2.61
sdW=472.5
fwW=2.95
sdS=51.7
fwS=2.70
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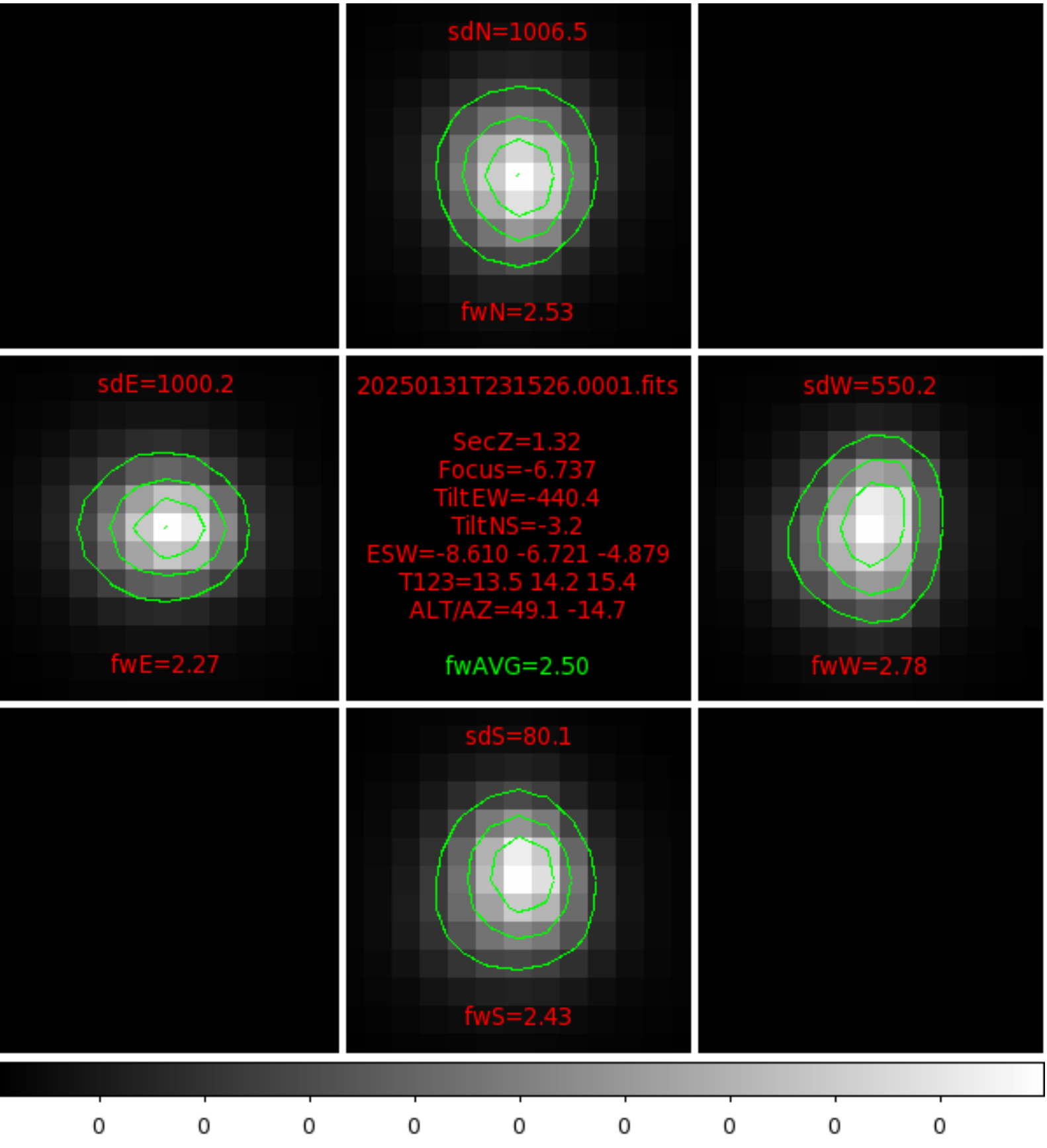
sdN=1006.5
fwN=2.53
sdE=1000.2
fwE=2.27
20250131T231526.0001.fits
SecZ=1.32
Focus=-6.737
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.610 -6.721 -4.879
T123=13.5 14.2 15.4
ALT/AZ=49.1 -14.7
fwAVG=2.50
sdW=550.2
fwW=2.78
sdS=80.1
fwS=2.43
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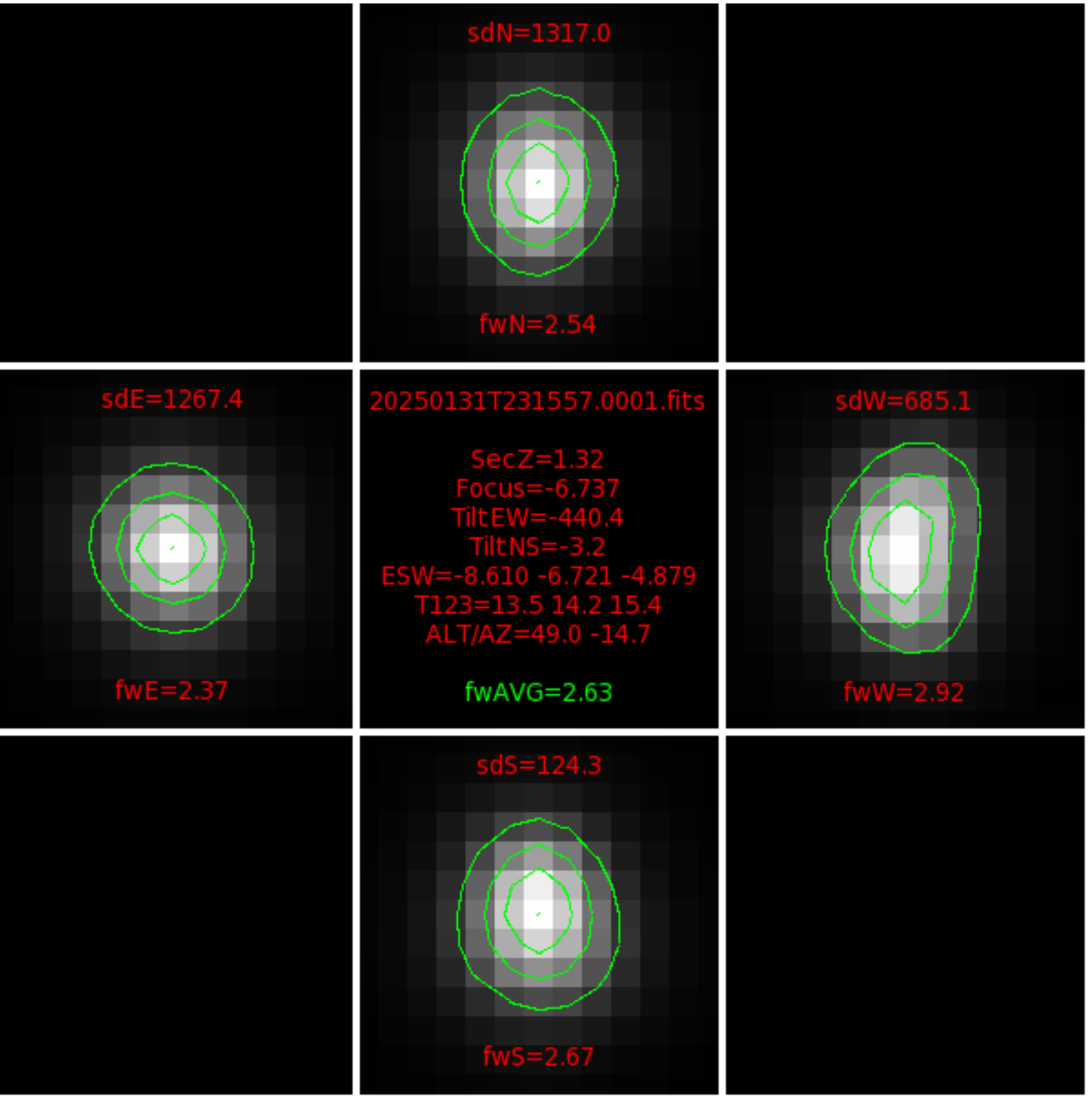
sdN=1317.0
fwN=2.54
sdE=1267.4
fwE=2.37
20250131T231557.0001.fits
SecZ=1.32
Focus=-6.737
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.610 -6.721 -4.879
T123=13.5 14.2 15.4
ALT/AZ=49.0 -14.7
fwAVG=2.63
sdW=685.1
fwW=2.92
sdS=124.3
fwS=2.67
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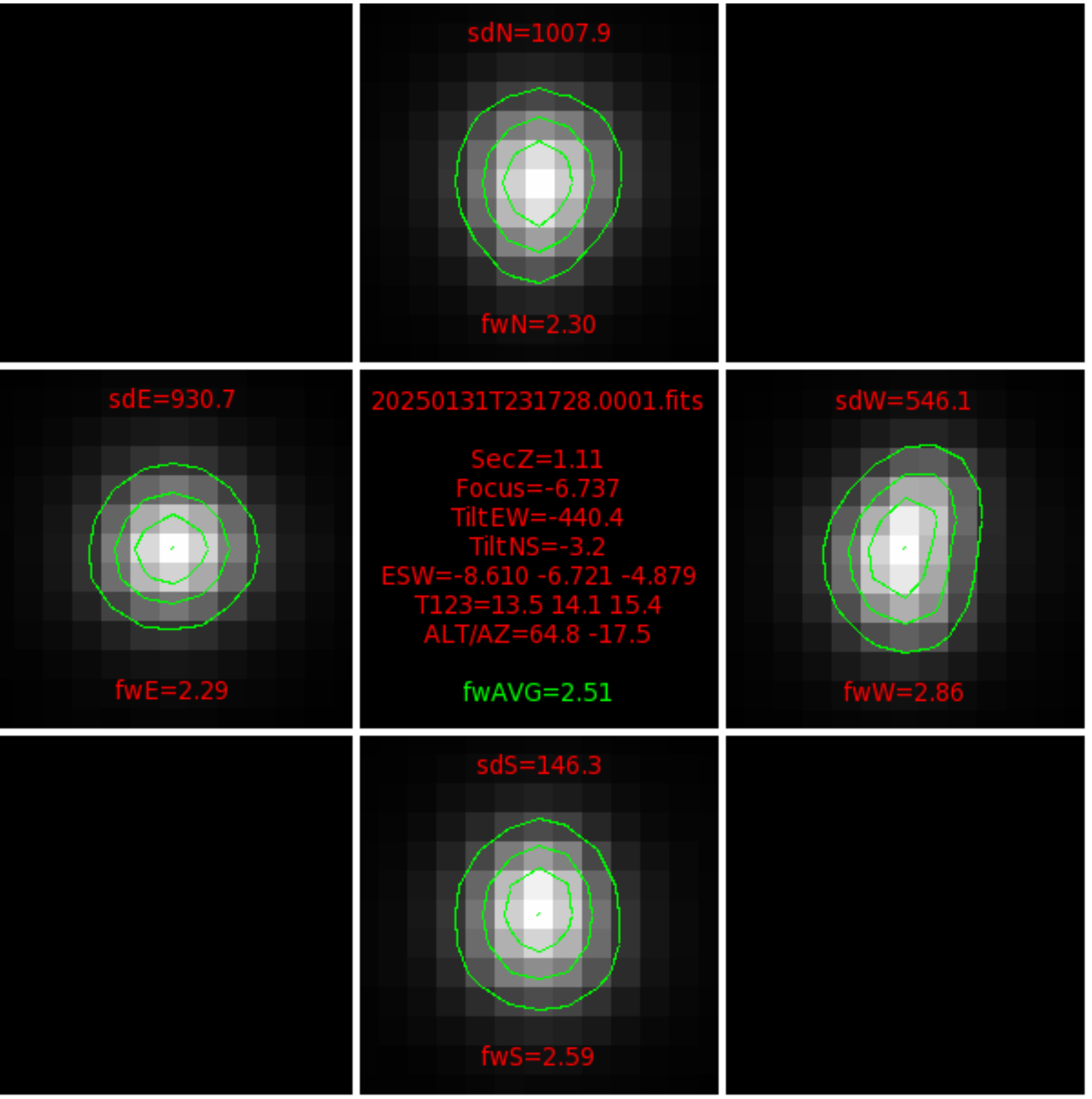
sdN=1007.9
fwN=2.30
sdE=930.7
fwE=2.29
20250131T231728.0001.fits
SecZ=1.11
Focus=-6.737
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.610 -6.721 -4.879
T123=13.5 14.1 15.4
ALT/AZ=64.8 -17.5
fwAVG=2.51
sdW=546.1
fwW=2.86
sdS=146.3
fwS=2.59
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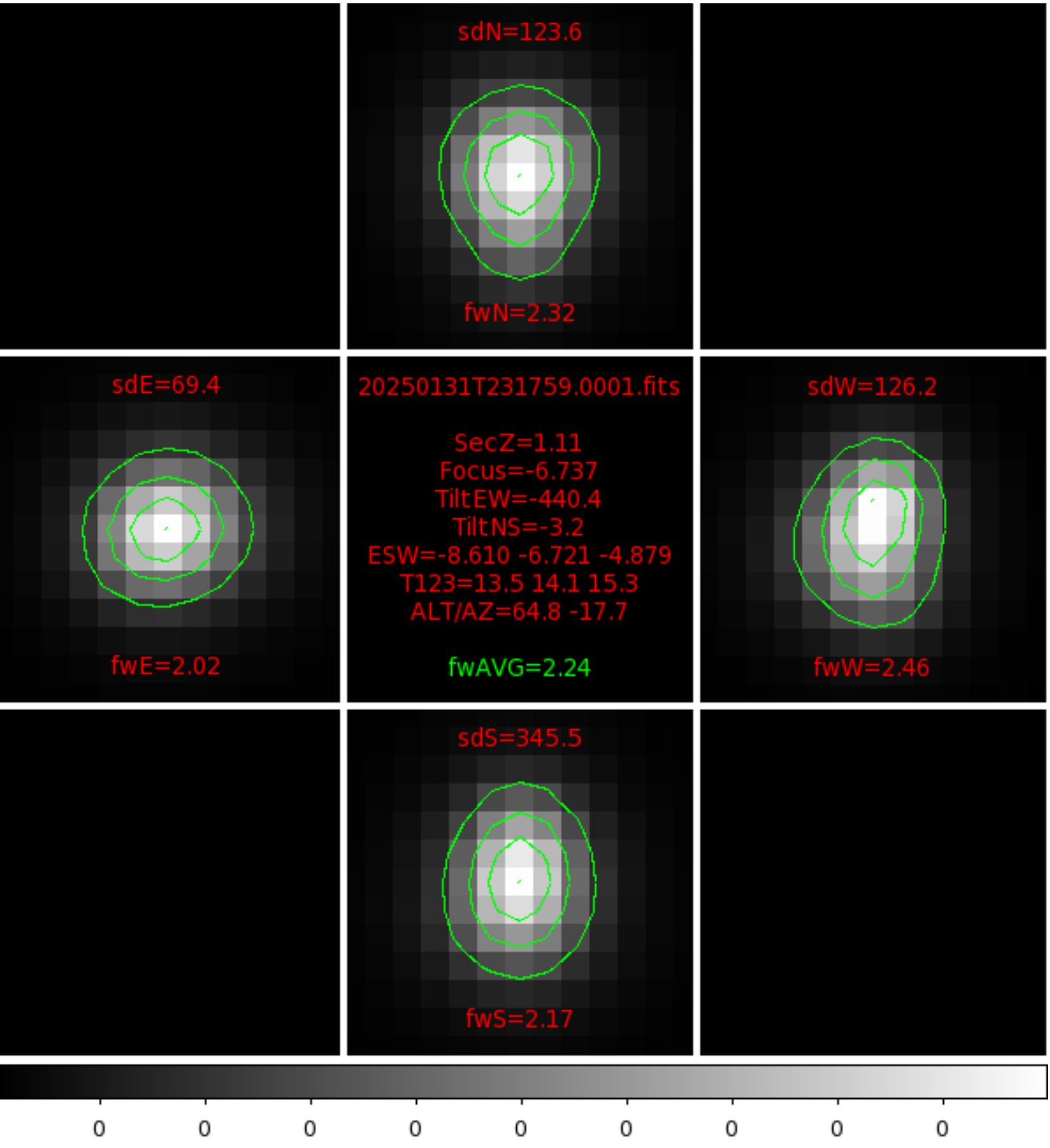
sdN=123.6
fwN=2.32
sdE=69.4
fwE=2.02
20250131T231759.0001.fits
SecZ=1.11
Focus=-6.737
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.610 -6.721 -4.879
T123=13.5 14.1 15.3
ALT/AZ=64.8 -17.7
fwAVG=2.24
sdW=126.2
fwW=2.46
sdS=345.5
fwS=2.17
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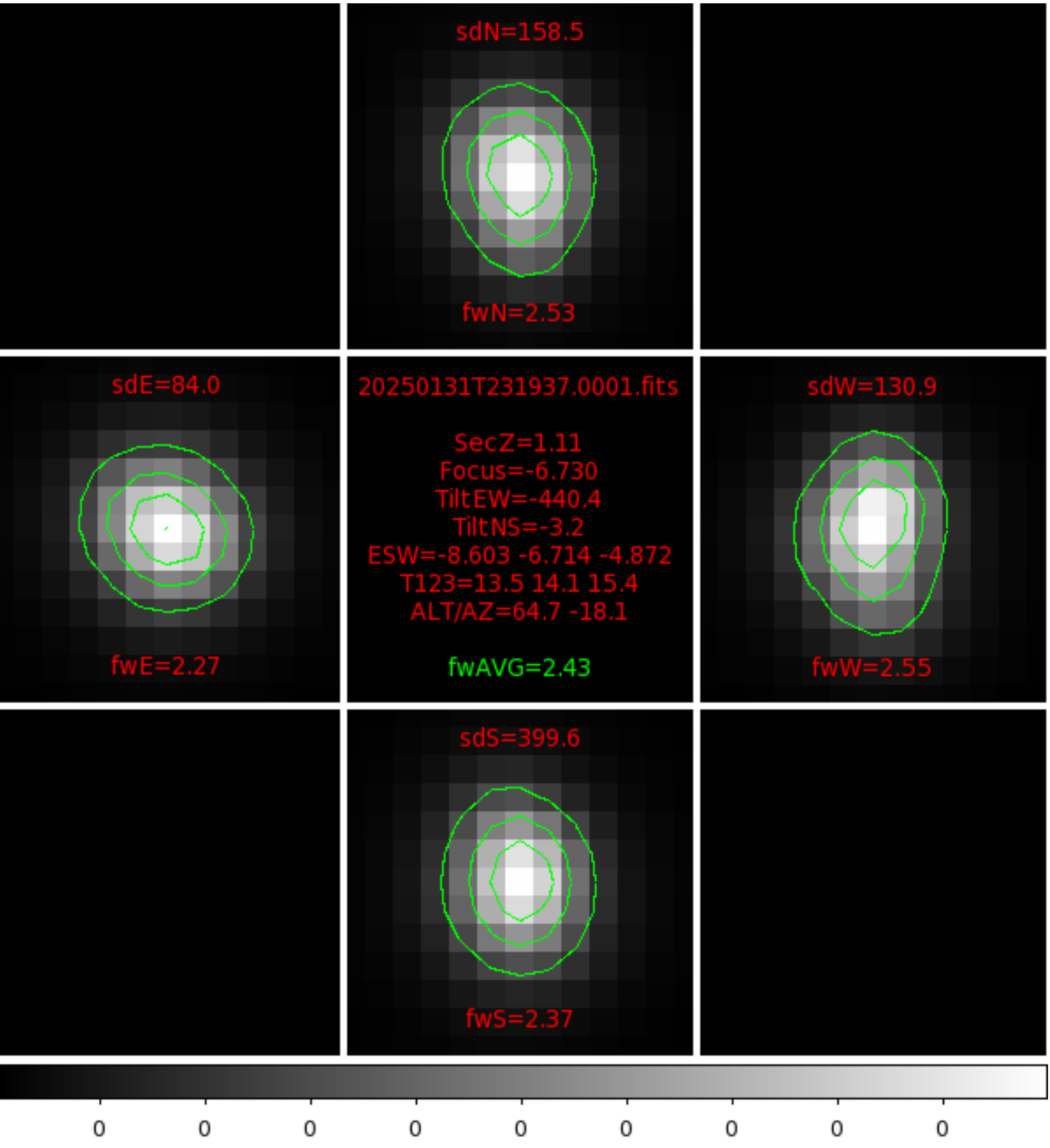
sdN=158.5
fwN=2.53
sdE=84.0
fwE=2.27
20250131T231937.0001.fits
SecZ=1.11
Focus=-6.730
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.603 -6.714 -4.872
T123=13.5 14.1 15.4
ALT/AZ=64.7 -18.1
fwAVG=2.43
sdW=130.9
fwW=2.55
sdS=399.6
fwS=2.37
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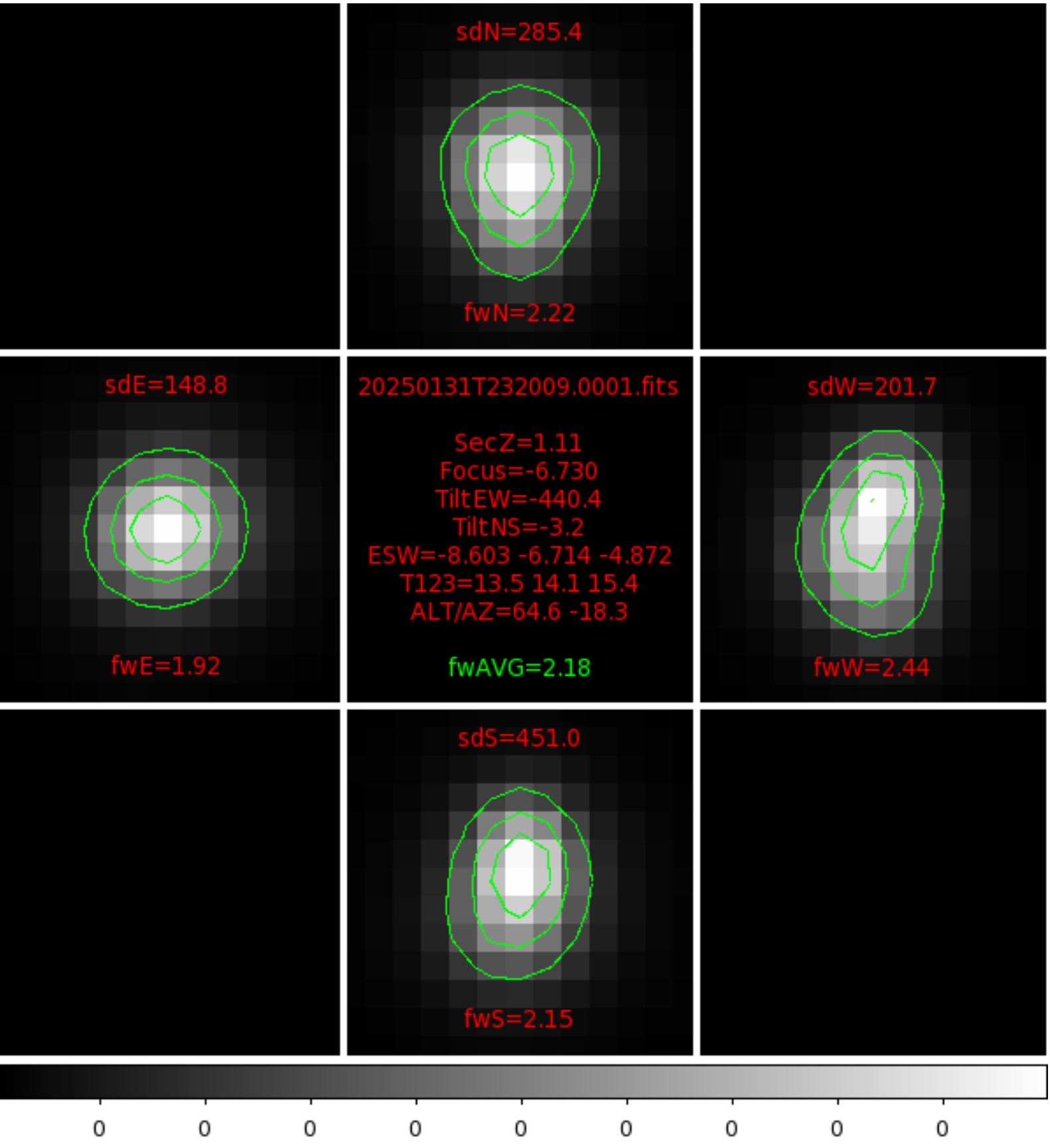
sdN=285.4
fwN=2.22
sdE=148.8
fwE=1.92
20250131T232009.0001.fits
SecZ=1.11
Focus=-6.730
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.603 -6.714 -4.872
T123=13.5 14.1 15.4
ALT/AZ=64.6 -18.3
fwAVG=2.18
sdW=201.7
fwW=2.44
sdS=451.0
fwS=2.15
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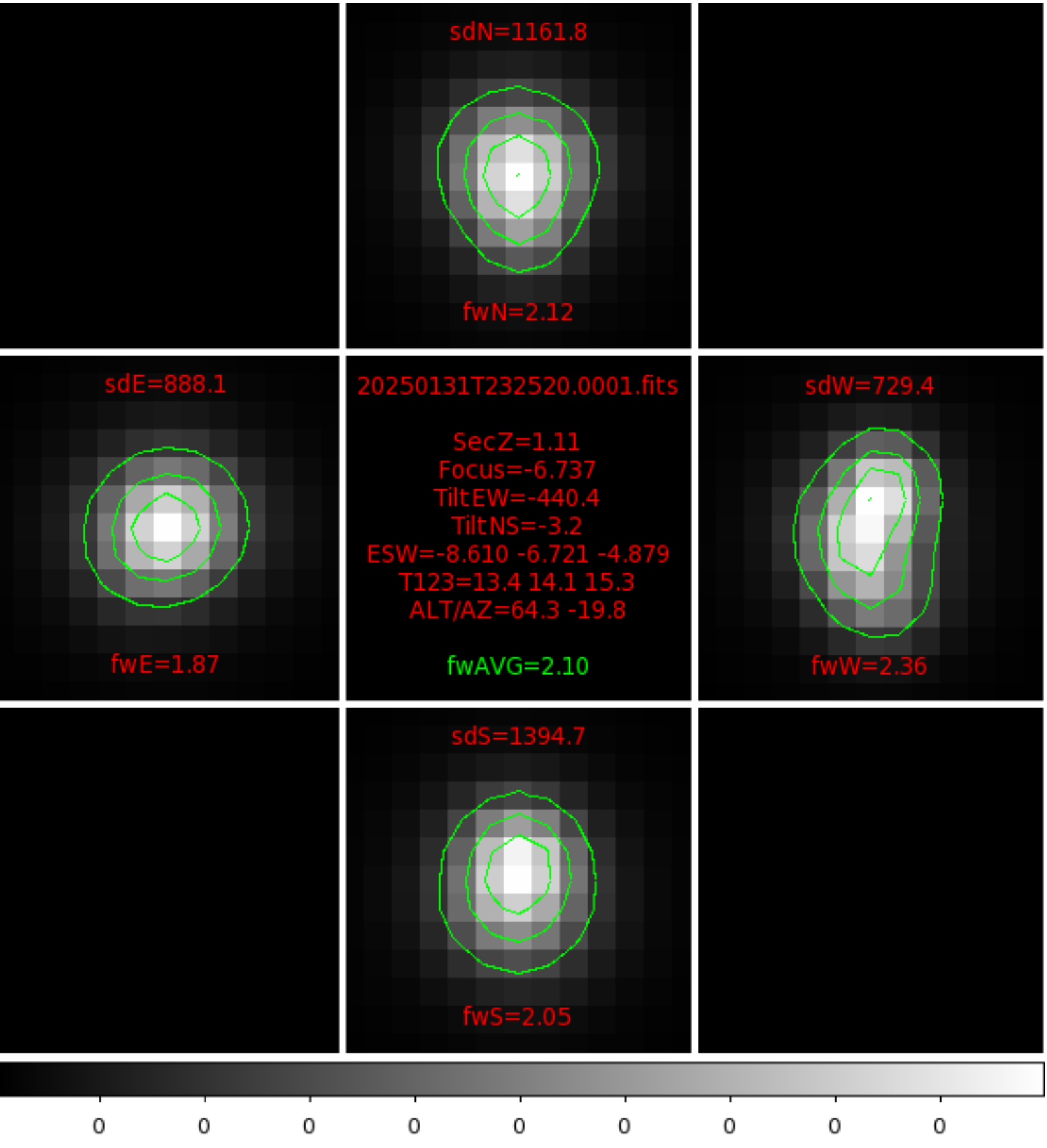
sdN=1161.8
fwN=2.12
sdE=888.1
fwE=1.87
20250131T232520.0001.fits
SecZ=1.11
Focus=-6.737
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.610 -6.721 -4.879
T123=13.4 14.1 15.3
ALT/AZ=64.3 -19.8
fwAVG=2.10
sdW=729.4
fwW=2.36
sdS=1394.7
fwS=2.05
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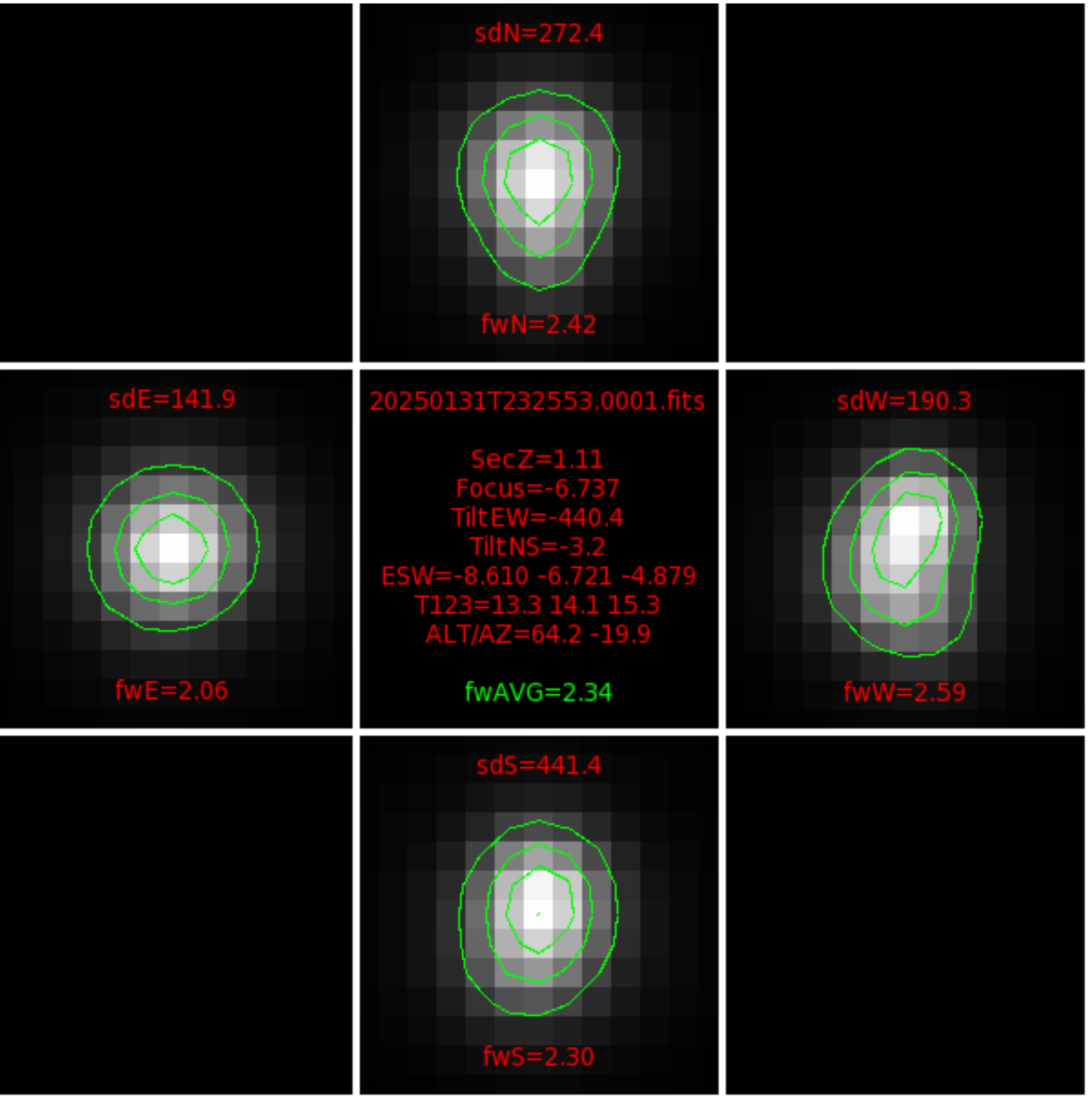
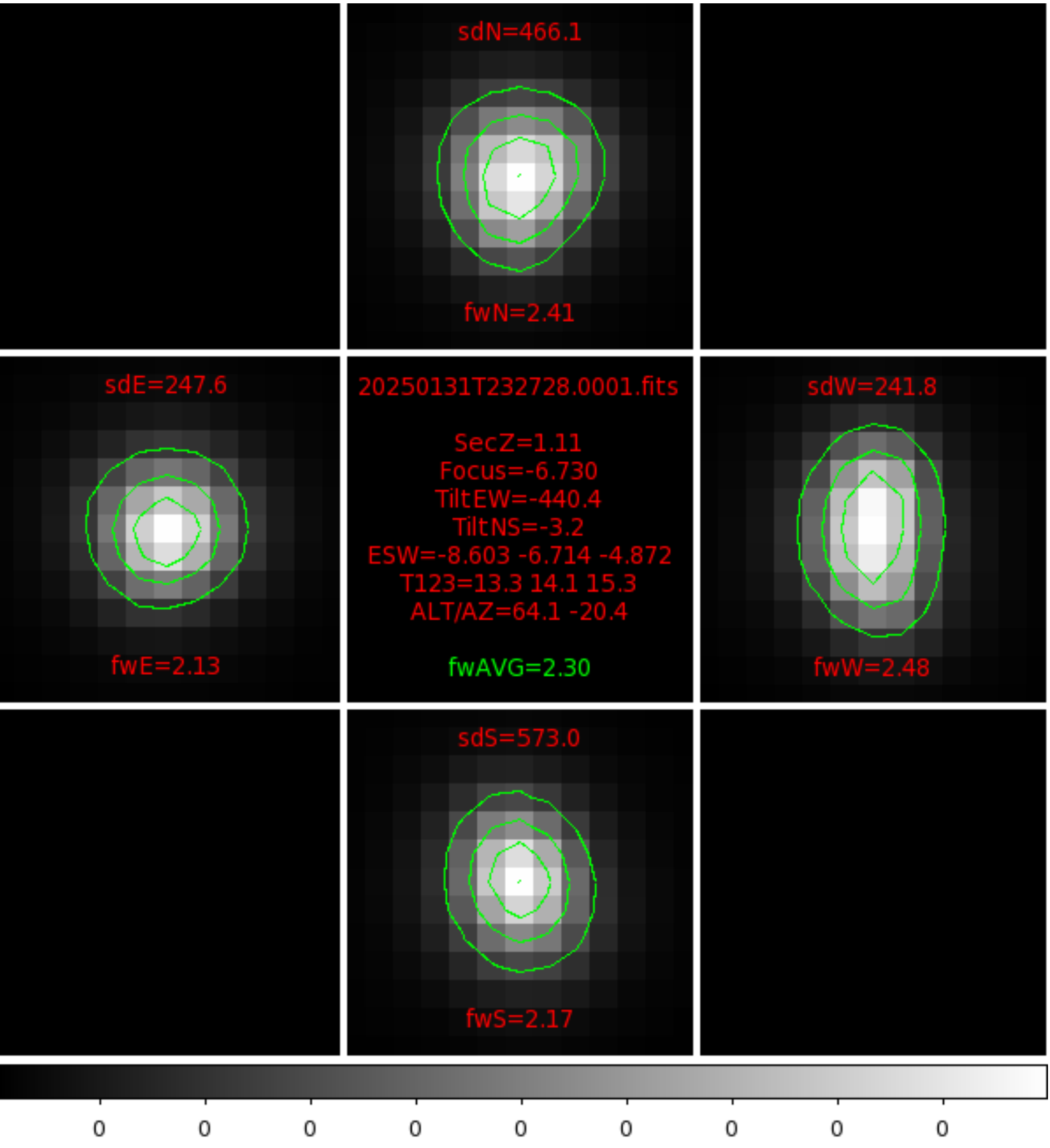

sdN=272.4
fwN=2.42
sdE=141.9
fwE=2.06
20250131T232553.0001.fits
SecZ=1.11
Focus=-6.737
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.610 -6.721 -4.879
T123=13.3 14.1 15.3
ALT/AZ=64.2 -19.9
fwAVG=2.34
sdW=190.3
fwW=2.59
sdS=441.4
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=466.1
fwN=2.41
sdE=247.6
fwE=2.13
20250131T232728.0001.fits
SecZ=1.11
Focus=-6.730
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.603 -6.714 -4.872
T123=13.3 14.1 15.3
ALT/AZ=64.1 -20.4
fwAVG=2.30
sdW=241.8
fwW=2.48
sdS=573.0
fwS=2.17
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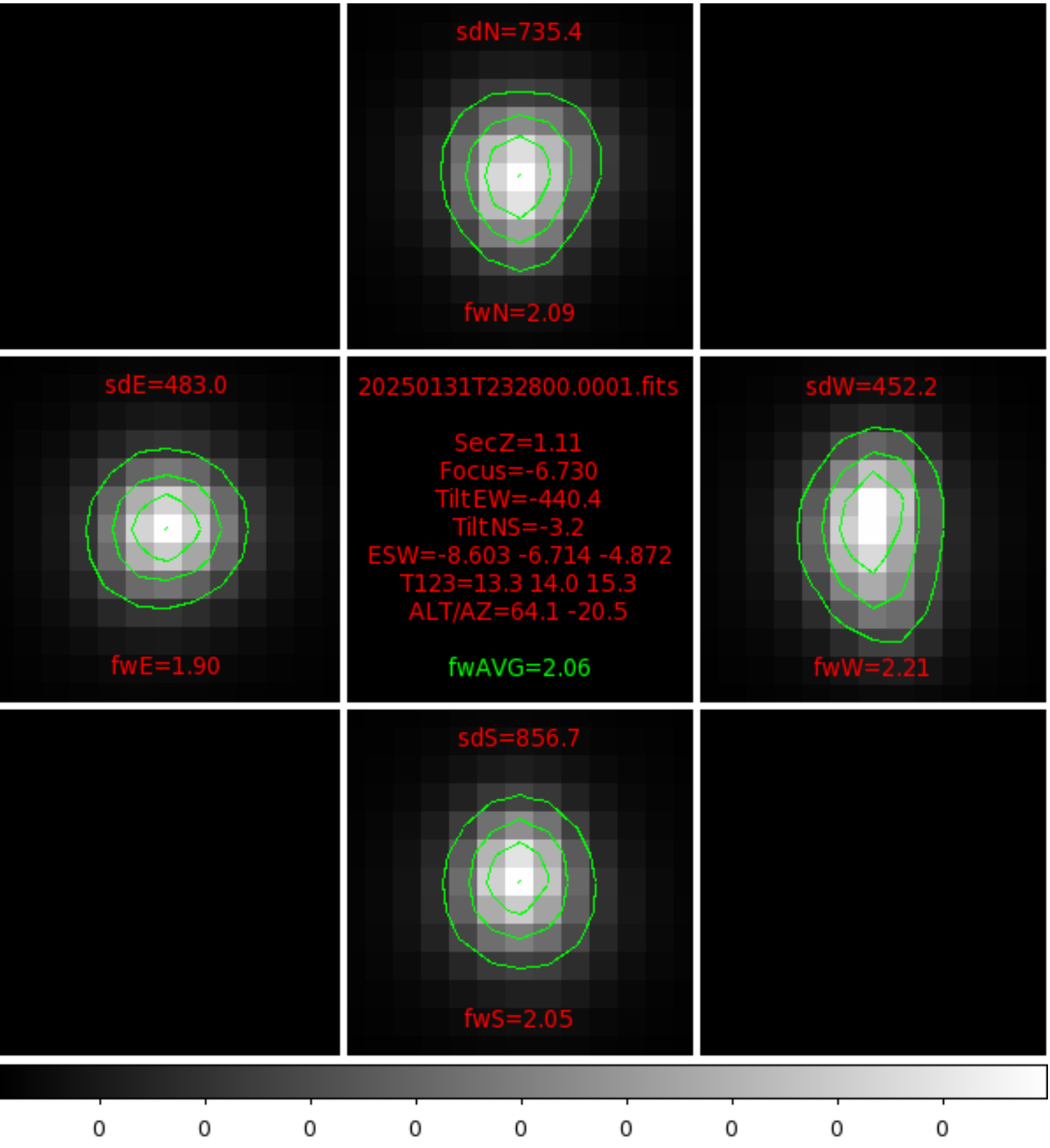
sdN=735.4
fwN=2.09
sdE=483.0
fwE=1.90
20250131T232800.0001.fits
SecZ=1.11
Focus=-6.730
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.603 -6.714 -4.872
T123=13.3 14.0 15.3
ALT/AZ=64.1 -20.5
fwAVG=2.06
sdW=452.2
fwW=2.21
sdS=856.7
fwS=2.05
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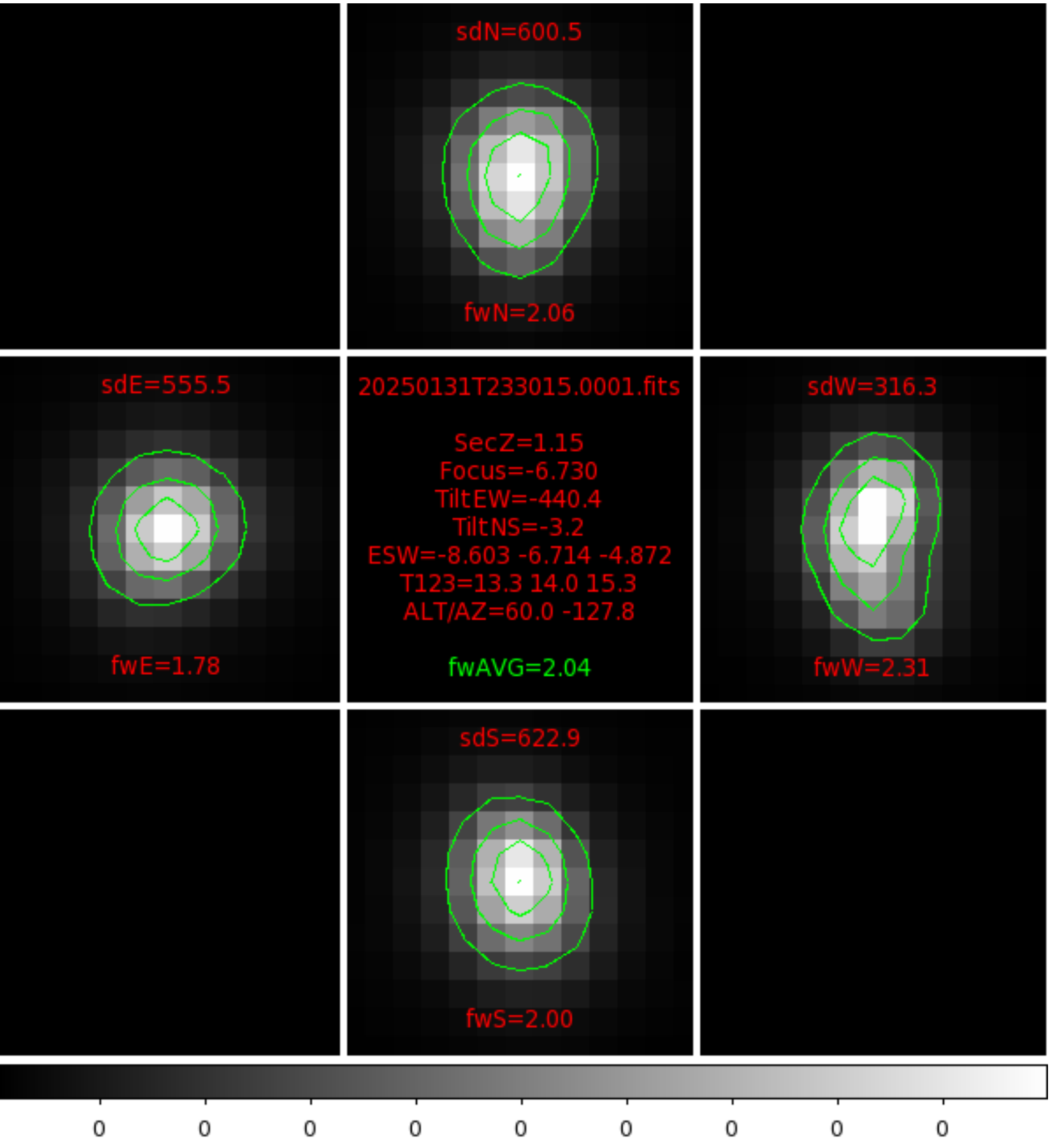
sdN=600.5
fwN=2.06
sdE=555.5
fwE=1.78
20250131T233015.0001.fits
SecZ=1.15
Focus=-6.730
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.603 -6.714 -4.872
T123=13.3 14.0 15.3
ALT/AZ=60.0 -127.8
fwAVG=2.04
sdW=316.3
fwW=2.31
sdS=622.9
fwS=2.00
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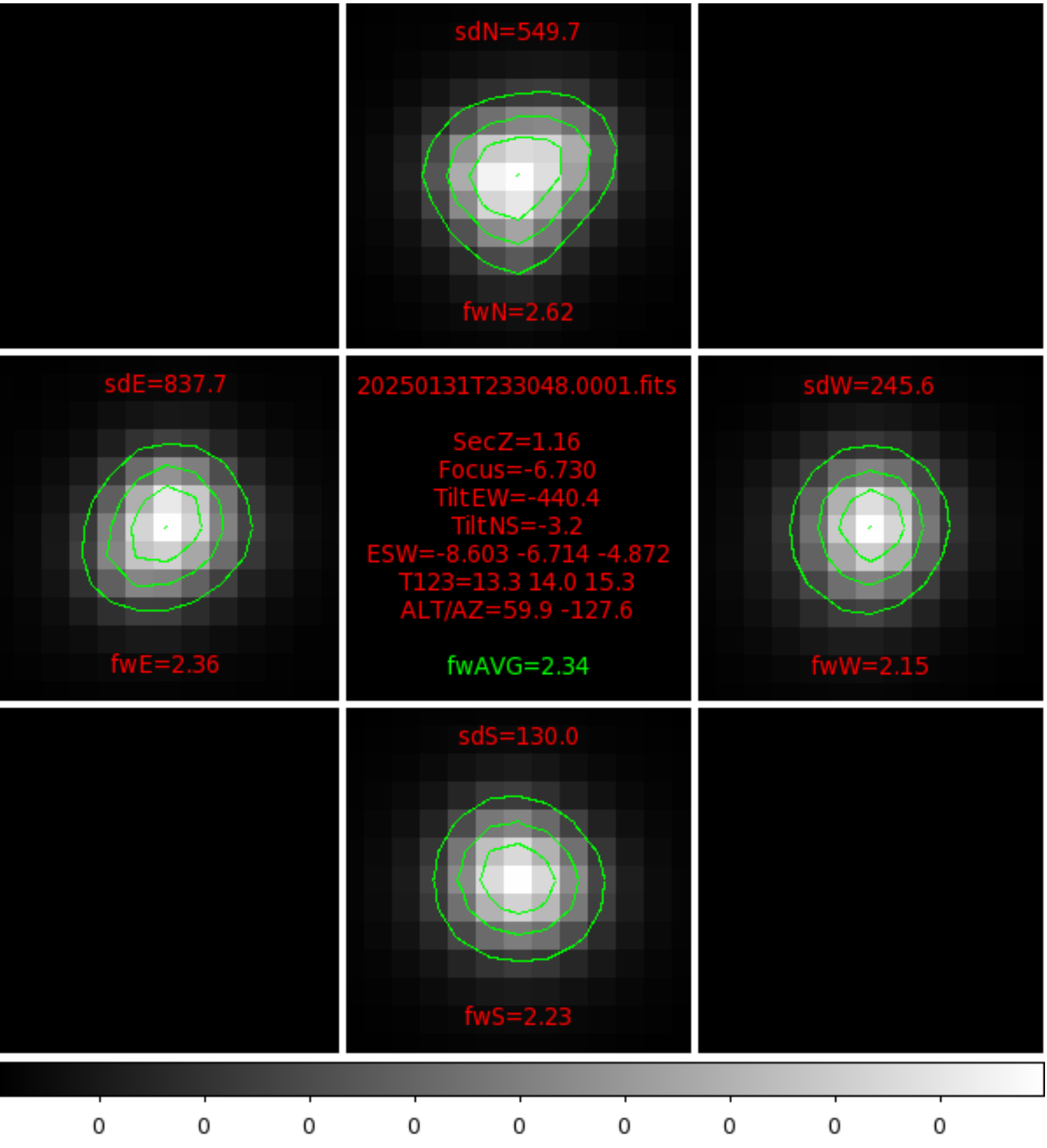
sdN=549.7
fwN=2.62
sdE=837.7
fwE=2.36
20250131T233048.0001.fits
SecZ=1.16
Focus=-6.730
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.603 -6.714 -4.872
T123=13.3 14.0 15.3
ALT/AZ=59.9 -127.6
fwAVG=2.34
sdW=245.6
fwW=2.15
sdS=130.0
fwS=2.23
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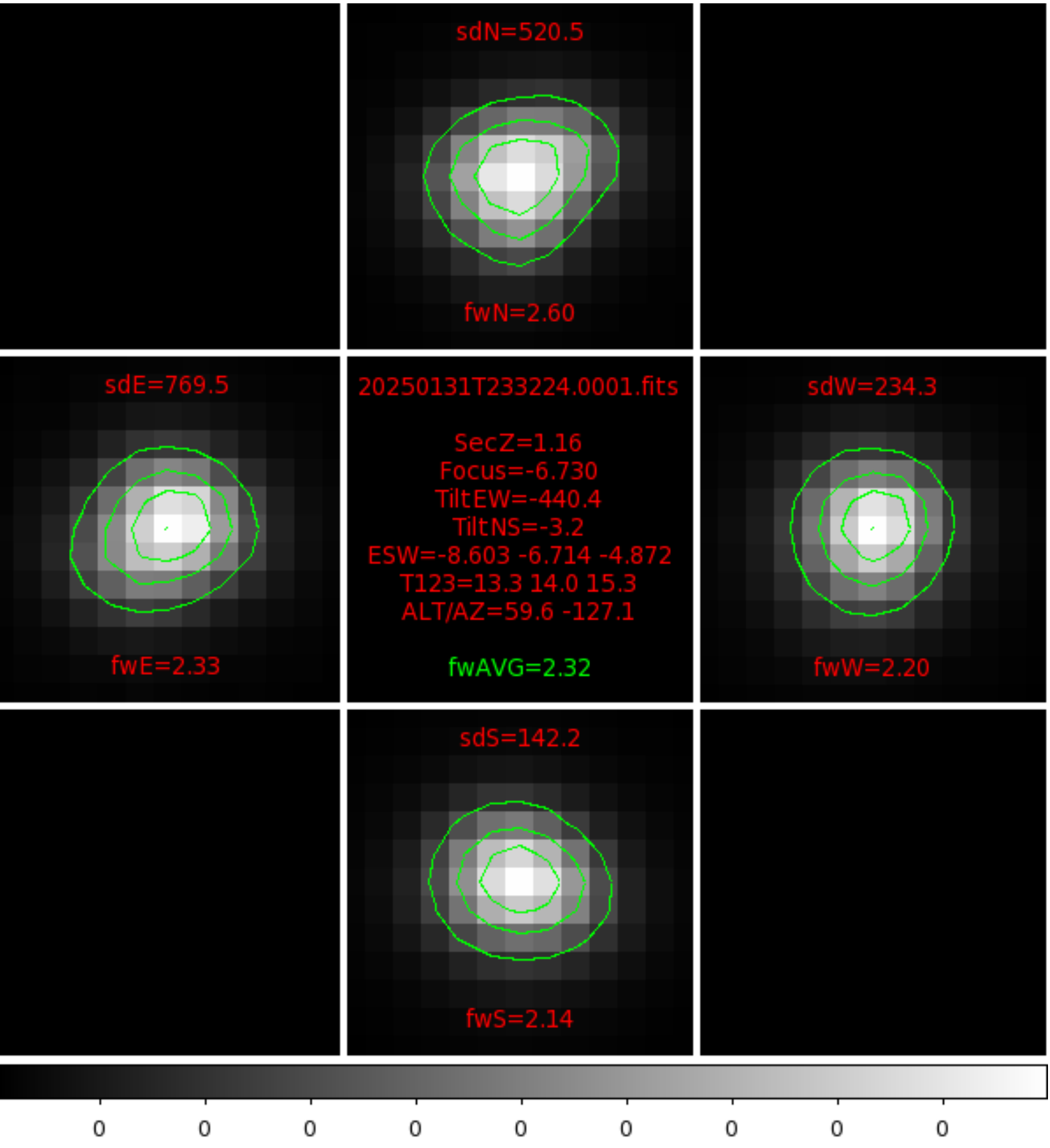
sdN=520.5
fwN=2.60
sdE=769.5
fwE=2.33
20250131T233224.0001.fits
SecZ=1.16
Focus=-6.730
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.603 -6.714 -4.872
T123=13.3 14.0 15.3
ALT/AZ=59.6 -127.1
fwAVG=2.32
sdW=234.3
fwW=2.20
sdS=142.2
fwS=2.14
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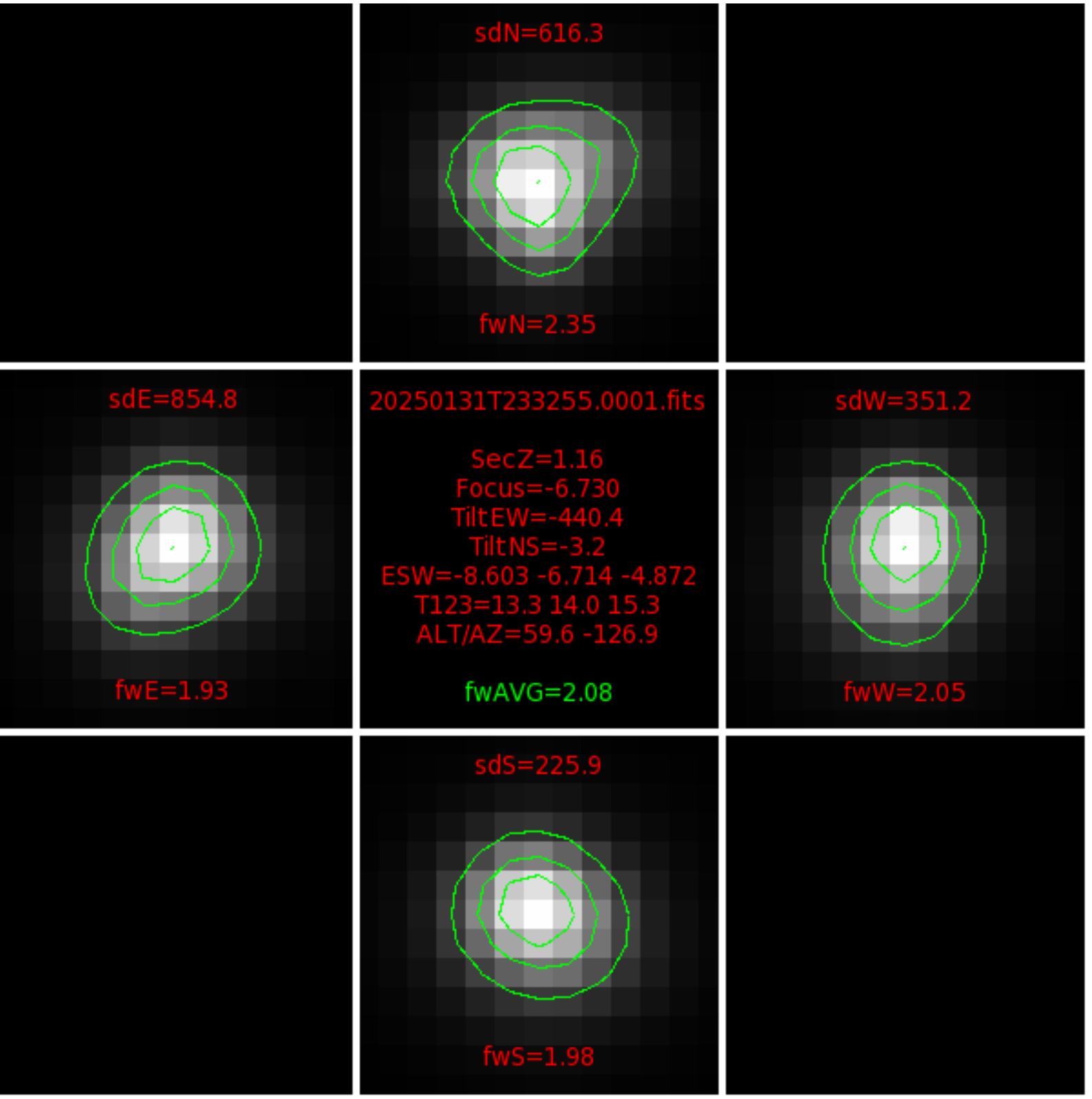
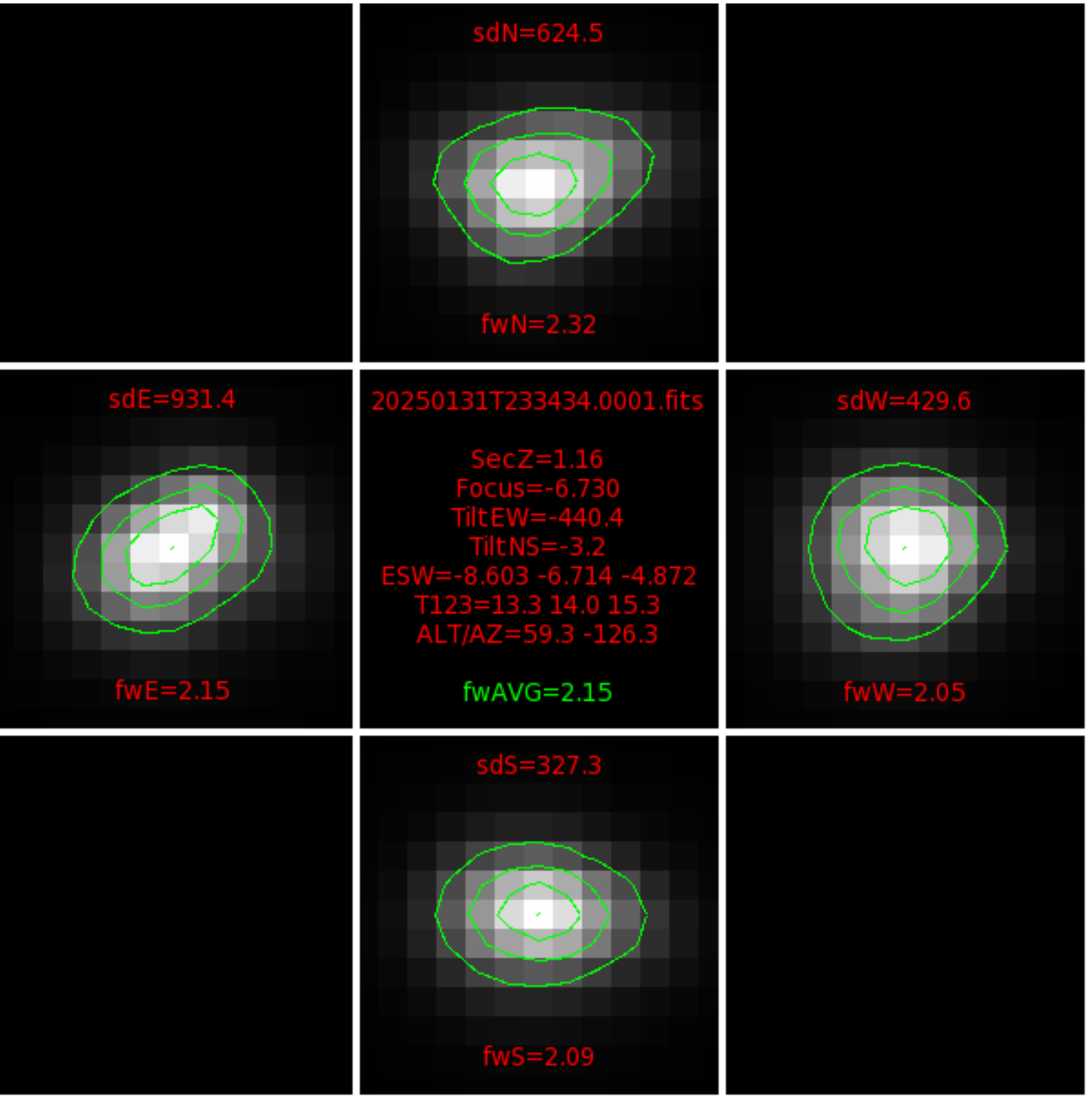

sdN=616.3
fwN=2.35
sdE=854.8
fwE=1.93
20250131T233255.0001.fits
SecZ=1.16
Focus=-6.730
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.603 -6.714 -4.872
T123=13.3 14.0 15.3
ALT/AZ=59.6 -126.9
fwAVG=2.08
sdW=351.2
fwW=2.05
sdS=225.9
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=624.5
fwN=2.32
sdE=931.4
fwE=2.15
20250131T233434.0001.fits
SecZ=1.16
Focus=-6.730
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.603 -6.714 -4.872
T123=13.3 14.0 15.3
ALT/AZ=59.3 -126.3
fwAVG=2.15
sdW=429.6
fwW=2.05
sdS=327.3
fwS=2.09
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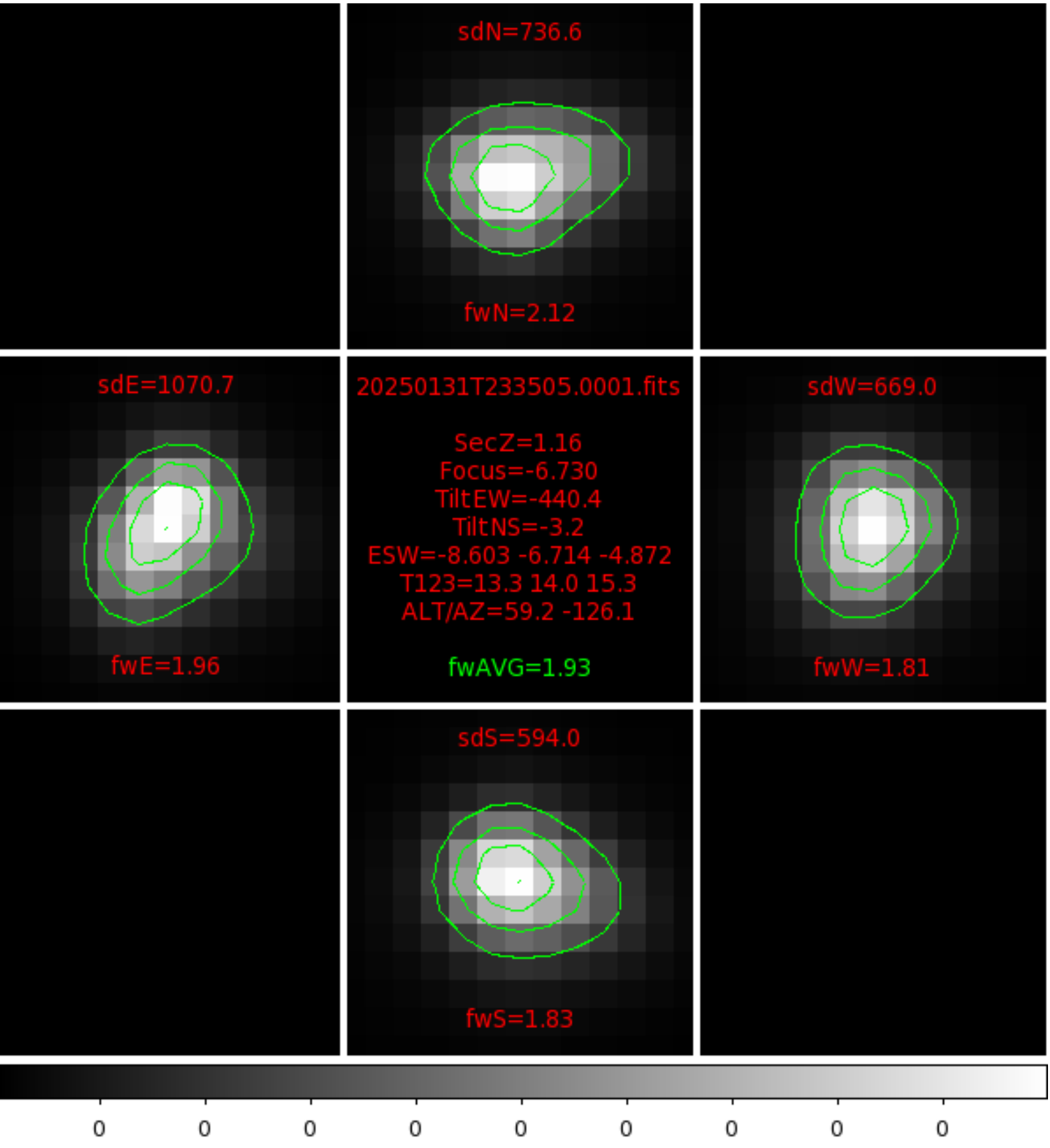
sdN=736.6
fwN=2.12
sdE=1070.7
fwE=1.96
20250131T233505.0001.fits
SecZ=1.16
Focus=-6.730
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.603 -6.714 -4.872
T123=13.3 14.0 15.3
ALT/AZ=59.2 -126.1
fwAVG=1.93
sdW=669.0
fwW=1.81
sdS=594.0
fwS=1.83
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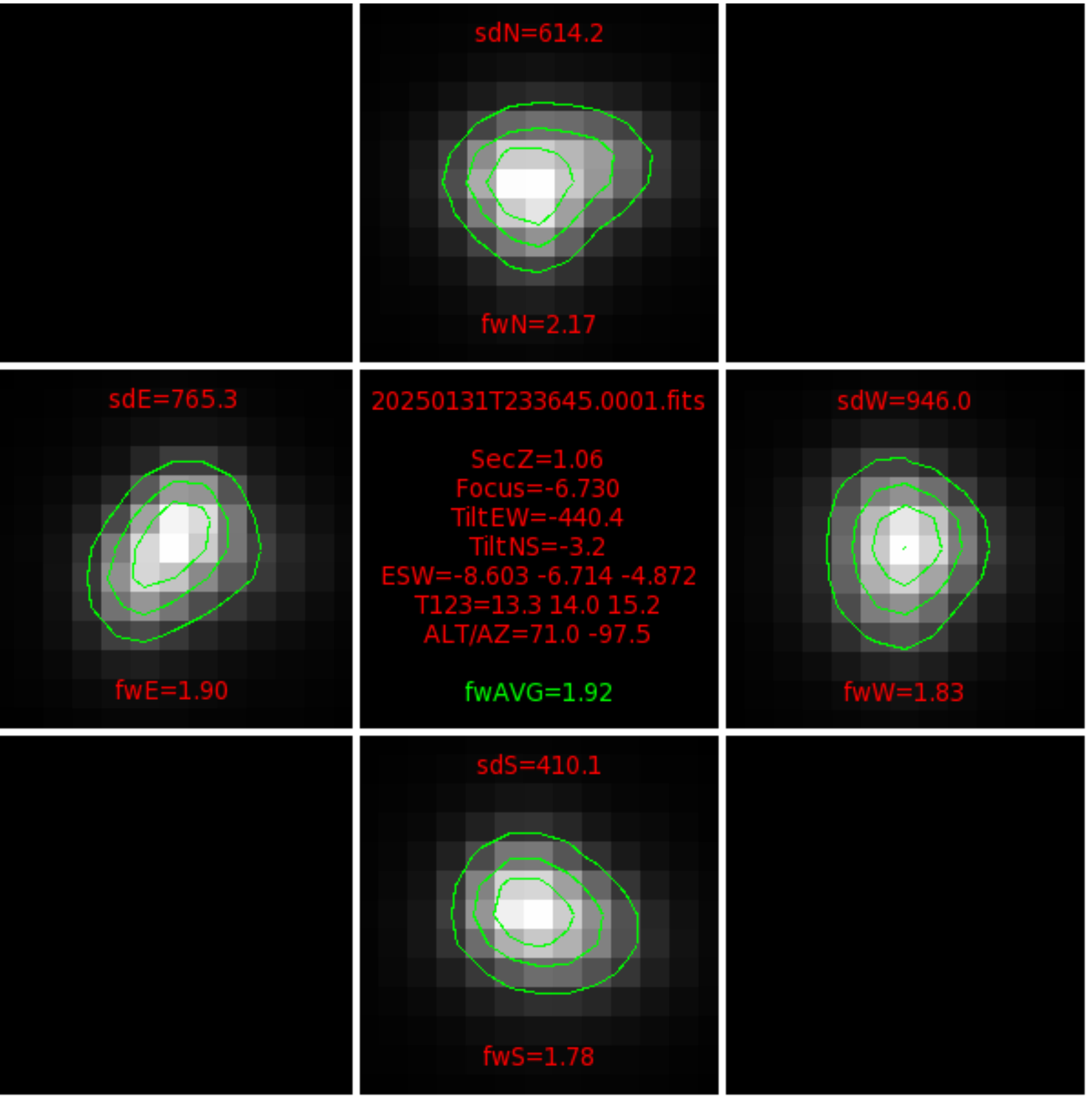
sdN=614.2
fwN=2.17
sdE=765.3
fwE=1.90
20250131T233645.0001.fits
SecZ=1.06
Focus=-6.730
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.603 -6.714 -4.872
T123=13.3 14.0 15.2
ALT/AZ=71.0 -97.5
fwAVG=1.92
sdW=946.0
fwW=1.83
sdS=410.1
fwS=1.78
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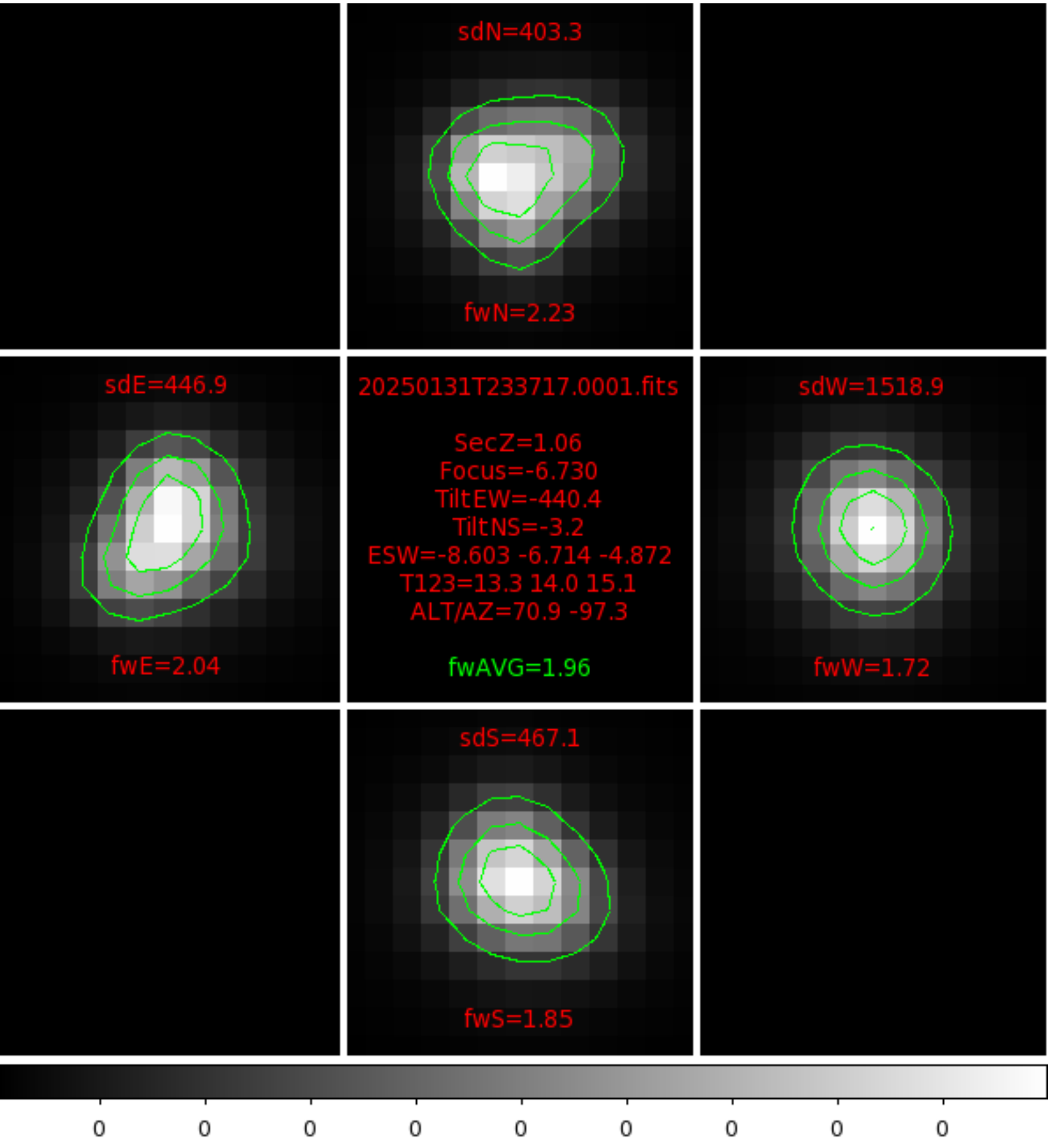
sdN=403.3
fwN=2.23
sdE=446.9
fwE=2.04
20250131T233717.0001.fits
SecZ=1.06
Focus=-6.730
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.603 -6.714 -4.872
T123=13.3 14.0 15.1
ALT/AZ=70.9 -97.3
fwAVG=1.96
sdW=1518.9
fwW=1.72
sdS=467.1
fwS=1.85
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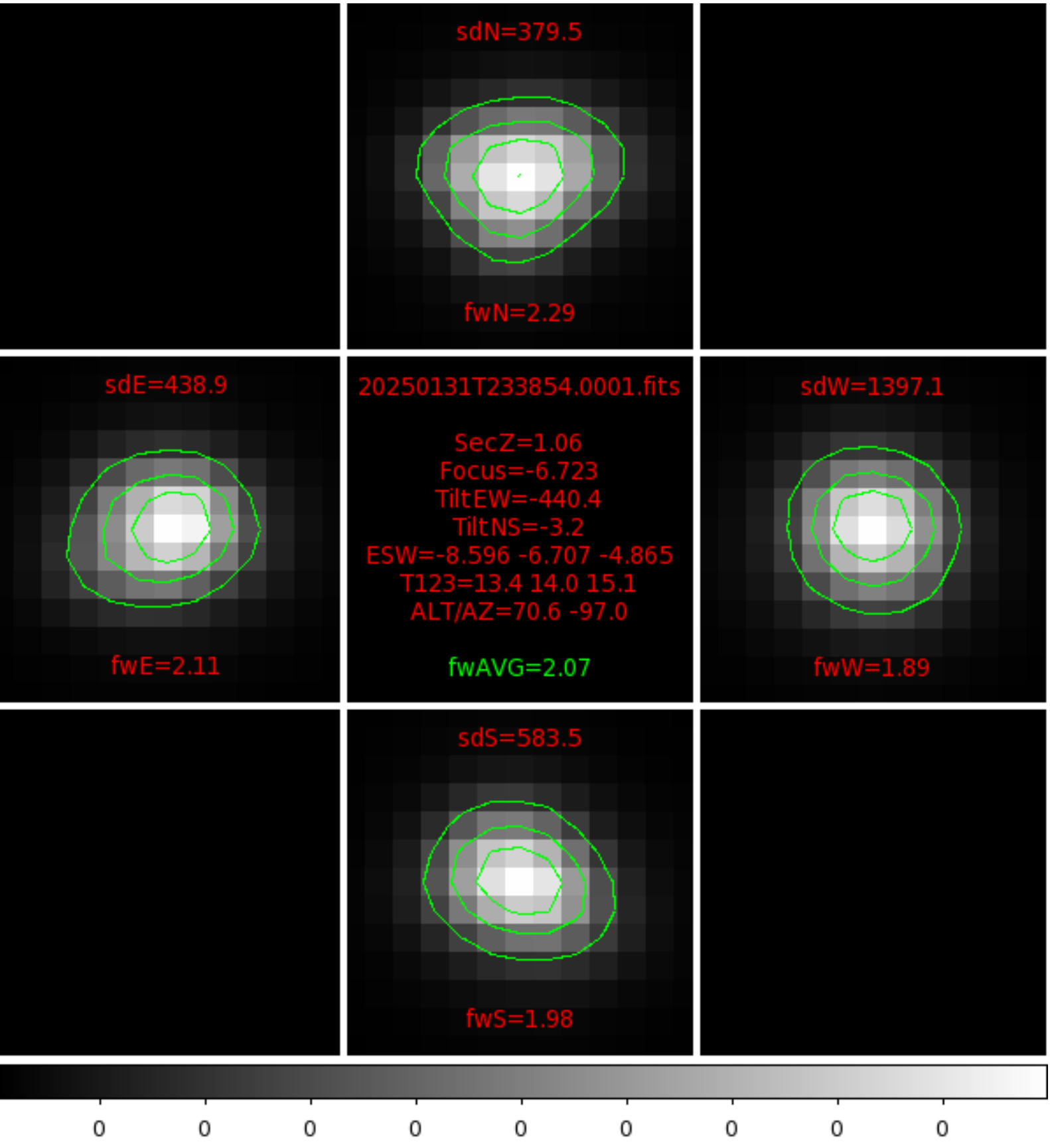
sdN=379.5
fwN=2.29
sdE=438.9
fwE=2.11
20250131T233854.0001.fits
SecZ=1.06
Focus=-6.723
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.596 -6.707 -4.865
T123=13.4 14.0 15.1
ALT/AZ=70.6 -97.0
fwAVG=2.07
sdW=1397.1
fwW=1.89
sdS=583.5
fwS=1.98
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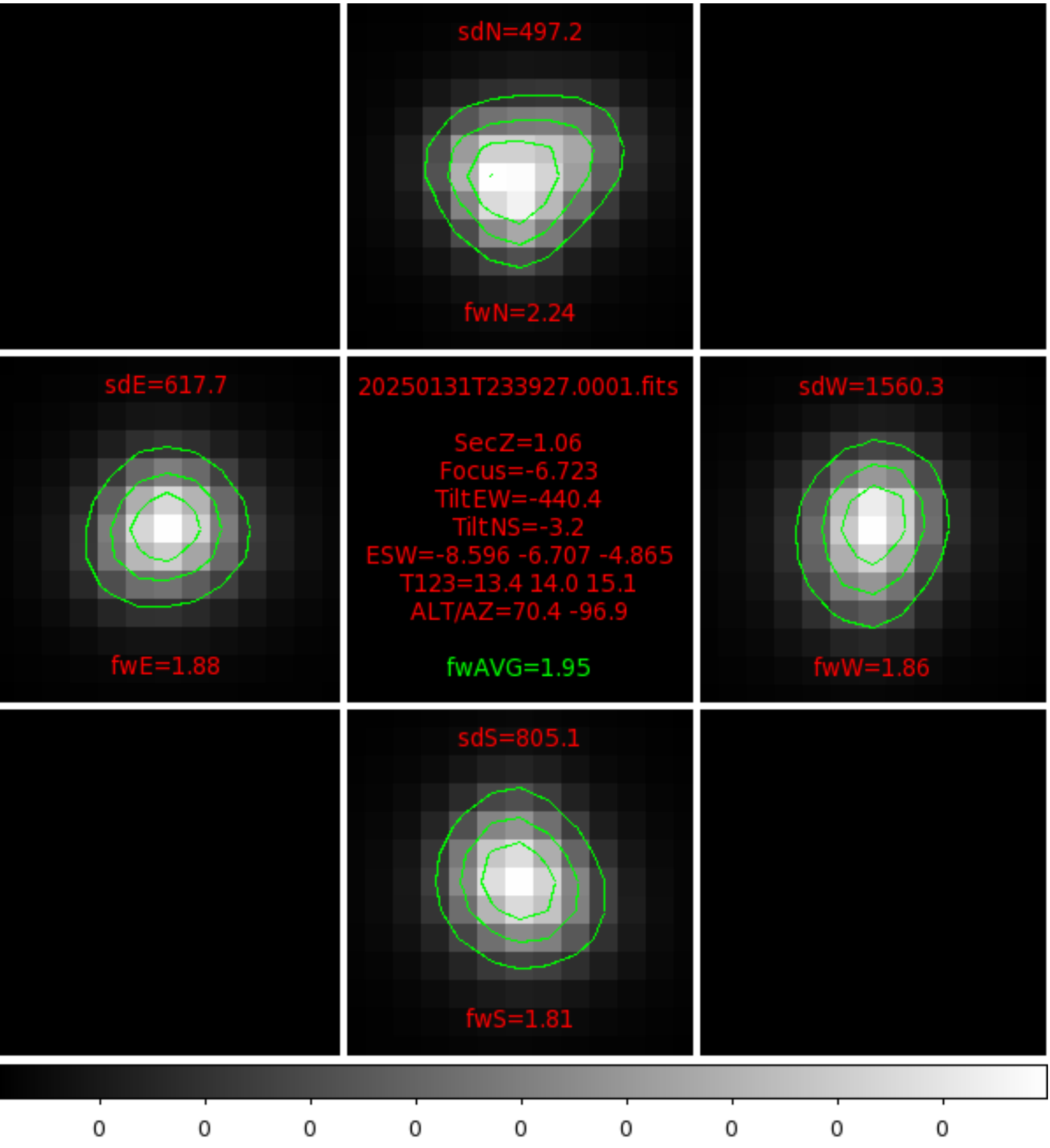
sdN=497.2
fwN=2.24
sdE=617.7
fwE=1.88
20250131T233927.0001.fits
SecZ=1.06
Focus=-6.723
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.596 -6.707 -4.865
T123=13.4 14.0 15.1
ALT/AZ=70.4 -96.9
fwAVG=1.95
sdW=1560.3
fwW=1.86
sdS=805.1
fwS=1.81
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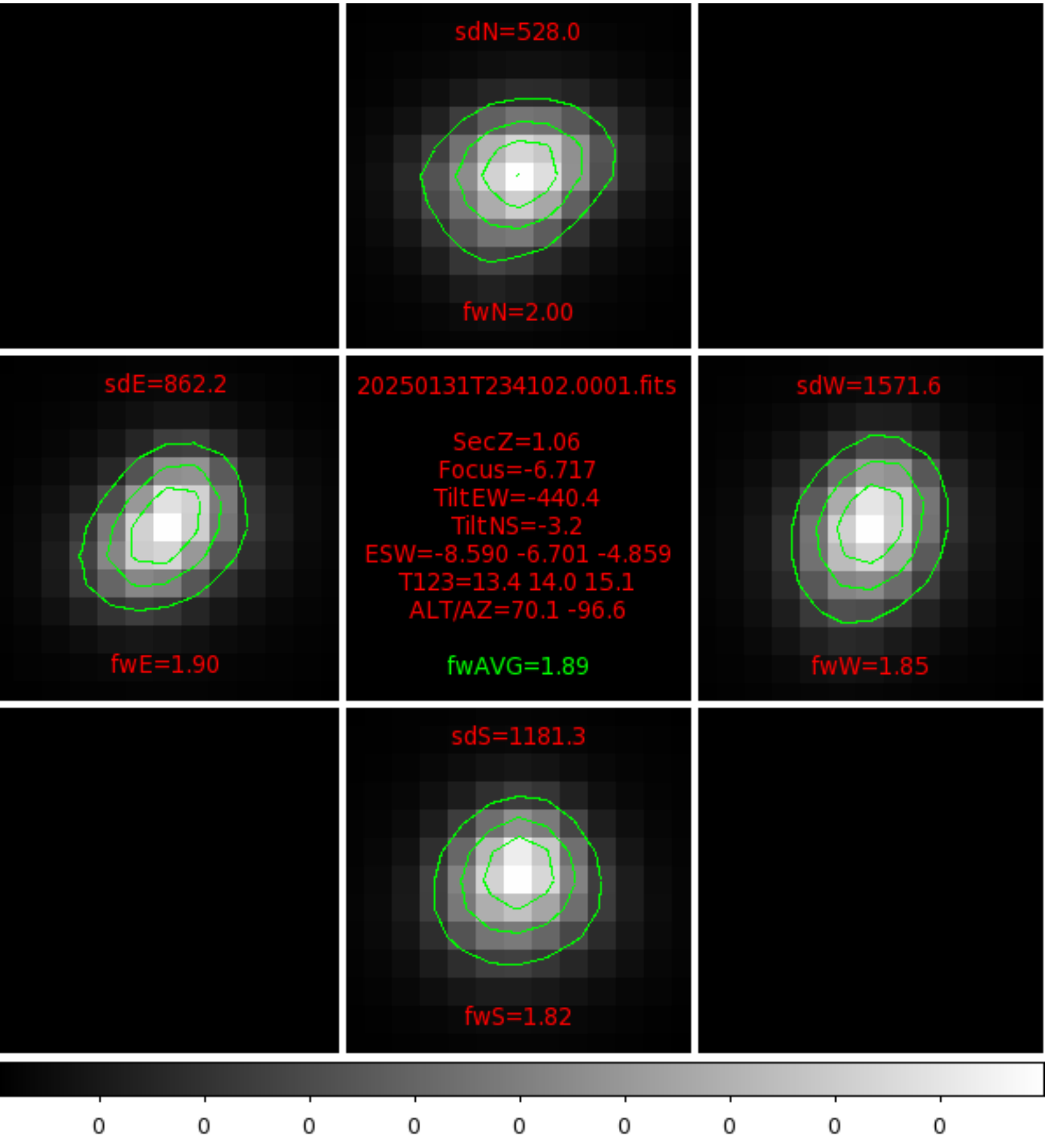
sdN=528.0
fwN=2.00
sdE=862.2
fwE=1.90
20250131T234102.0001.fits
SecZ=1.06
Focus=-6.717
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.590 -6.701 -4.859
T123=13.4 14.0 15.1
ALT/AZ=70.1 -96.6
fwAVG=1.89
sdW=1571.6
fwW=1.85
sdS=1181.3
fwS=1.82
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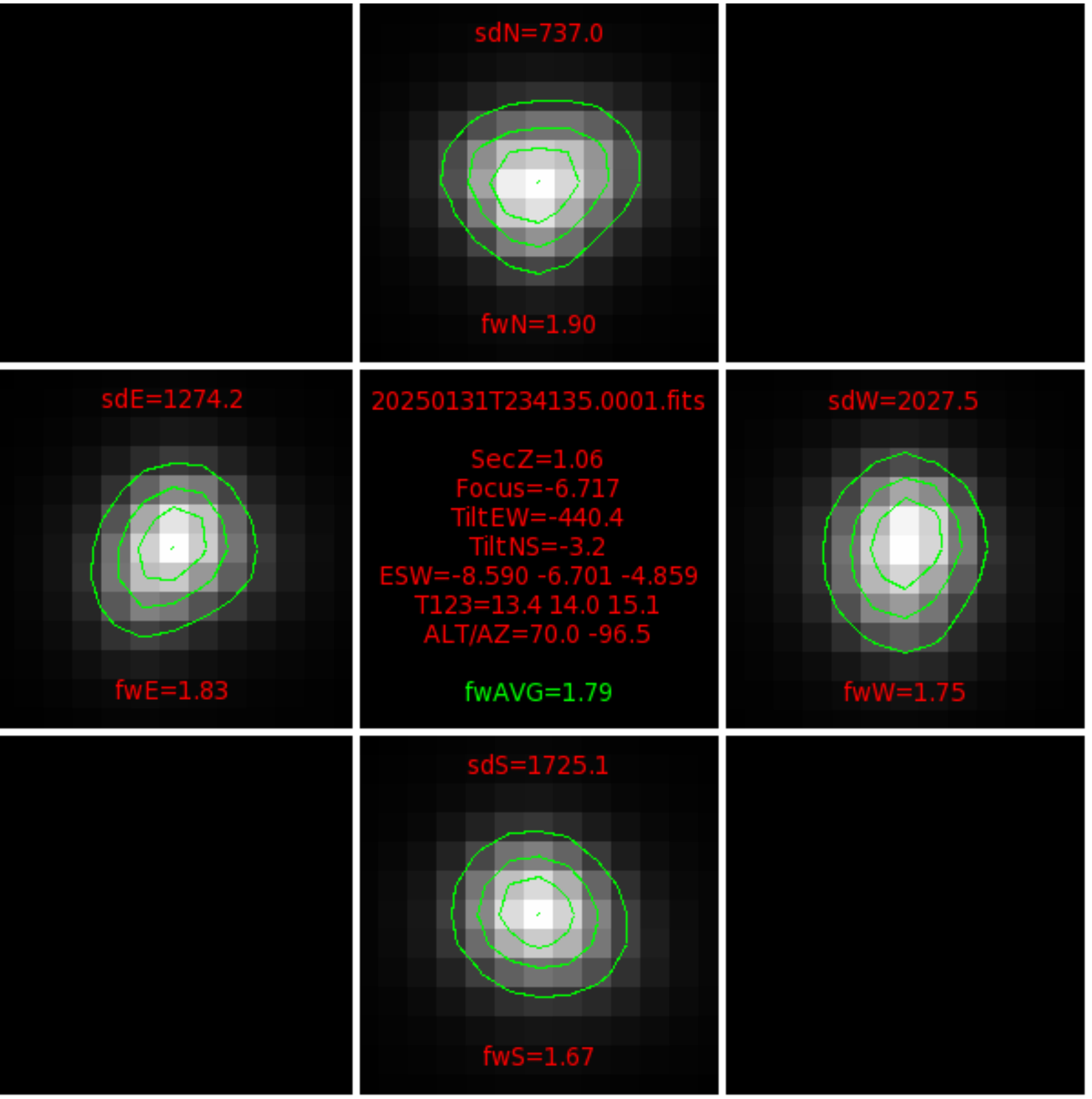
sdN=737.0
fwN=1.90
sdE=1274.2
fwE=1.83
20250131T234135.0001.fits
SecZ=1.06
Focus=-6.717
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.590 -6.701 -4.859
T123=13.4 14.0 15.1
ALT/AZ=70.0 -96.5
fwAVG=1.79
sdW=2027.5
fwW=1.75
sdS=1725.1
fwS=1.67
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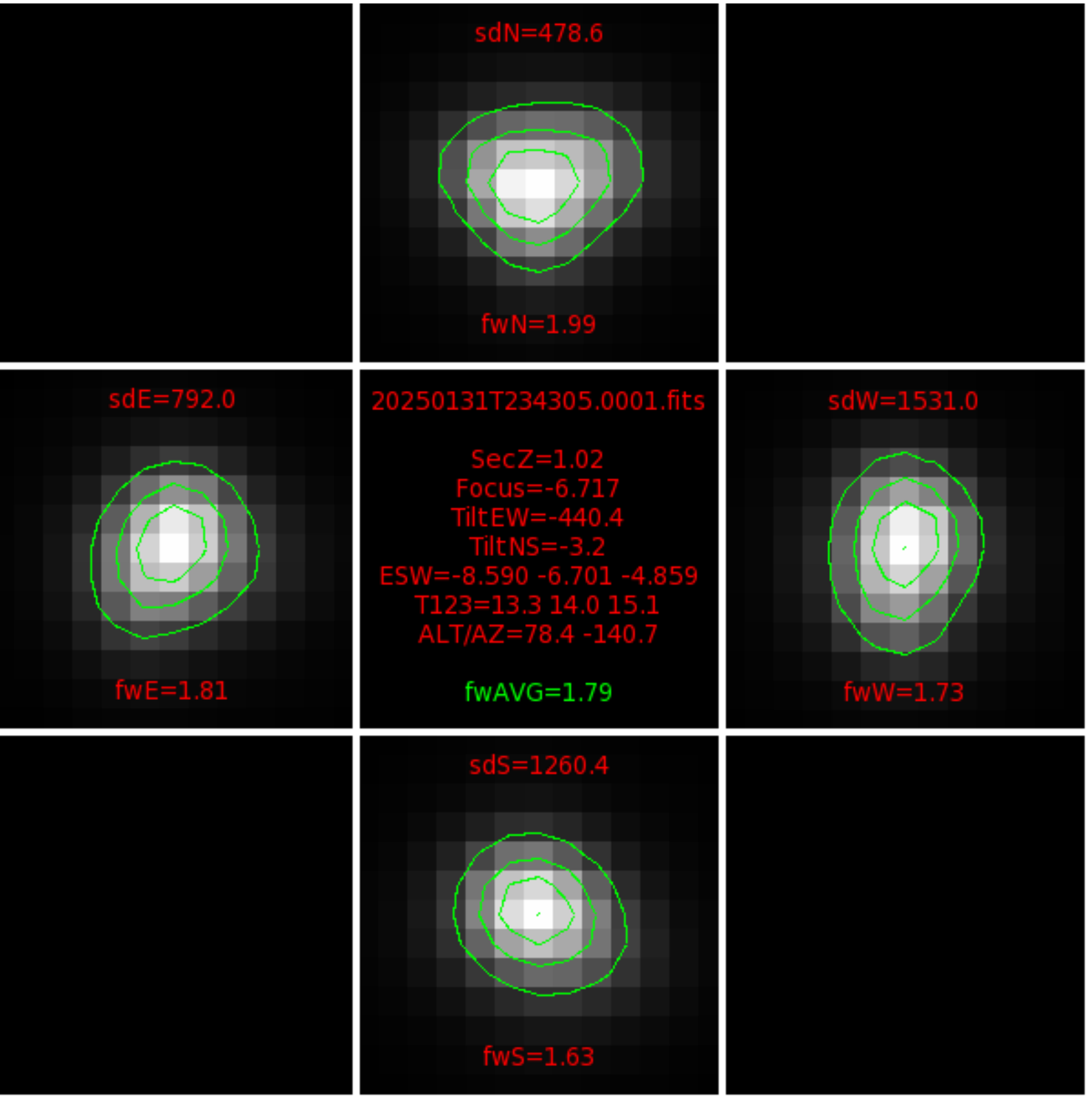
sdN=478.6
fwN=1.99
sdE=792.0
fwE=1.81
20250131T234305.0001.fits
SecZ=1.02
Focus=-6.717
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.590 -6.701 -4.859
T123=13.3 14.0 15.1
ALT/AZ=78.4 -140.7
fwAVG=1.79
sdW=1531.0
fwW=1.73
sdS=1260.4
fwS=1.63
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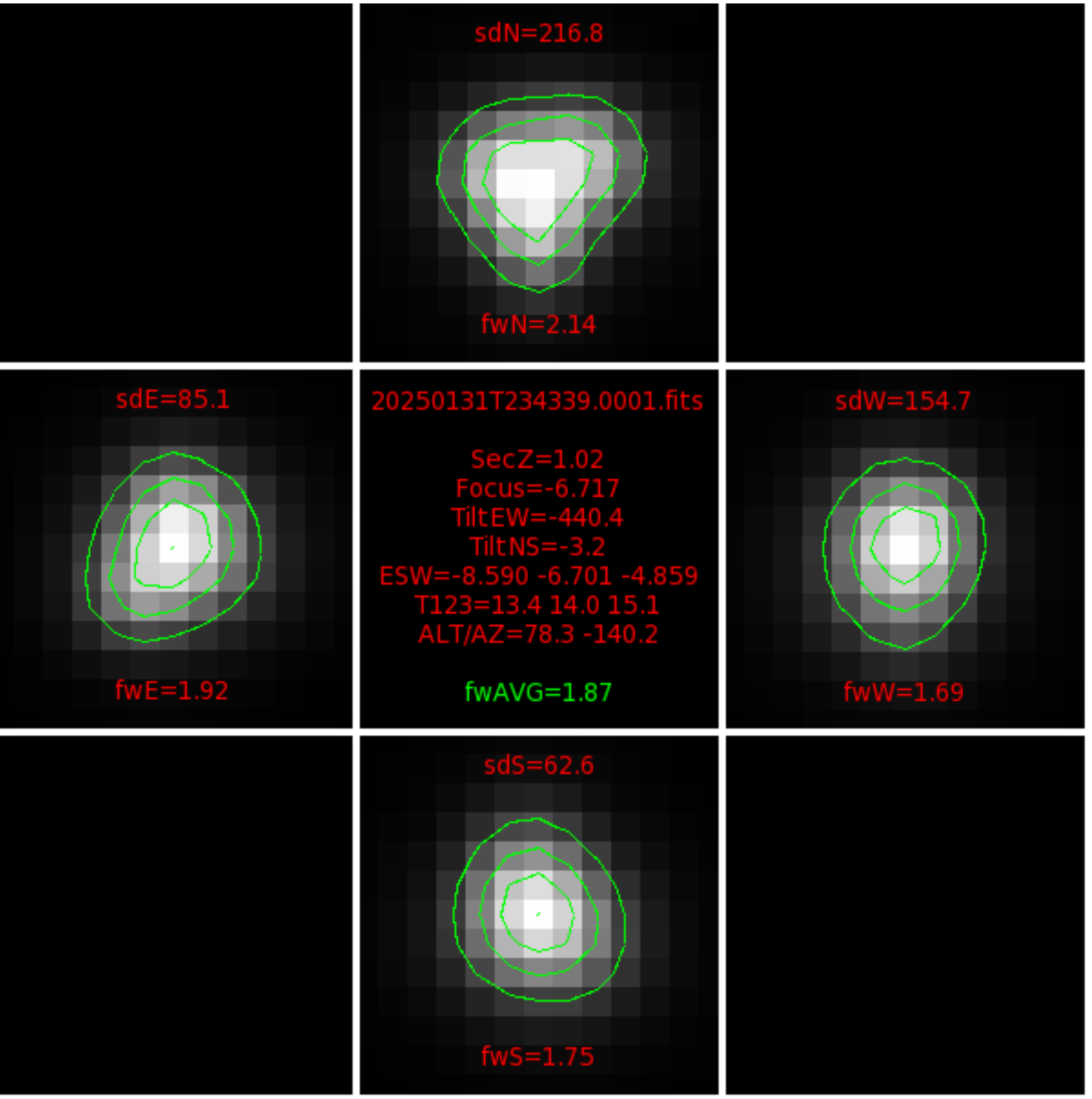
sdN=216.8
fwN=2.14
sdE=85.1
fwE=1.92
20250131T234339.0001.fits
SecZ=1.02
Focus=-6.717
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.590 -6.701 -4.859
T123=13.4 14.0 15.1
ALT/AZ=78.3 -140.2
fwAVG=1.87
sdW=154.7
fwW=1.69
sdS=62.6
fwS=1.75
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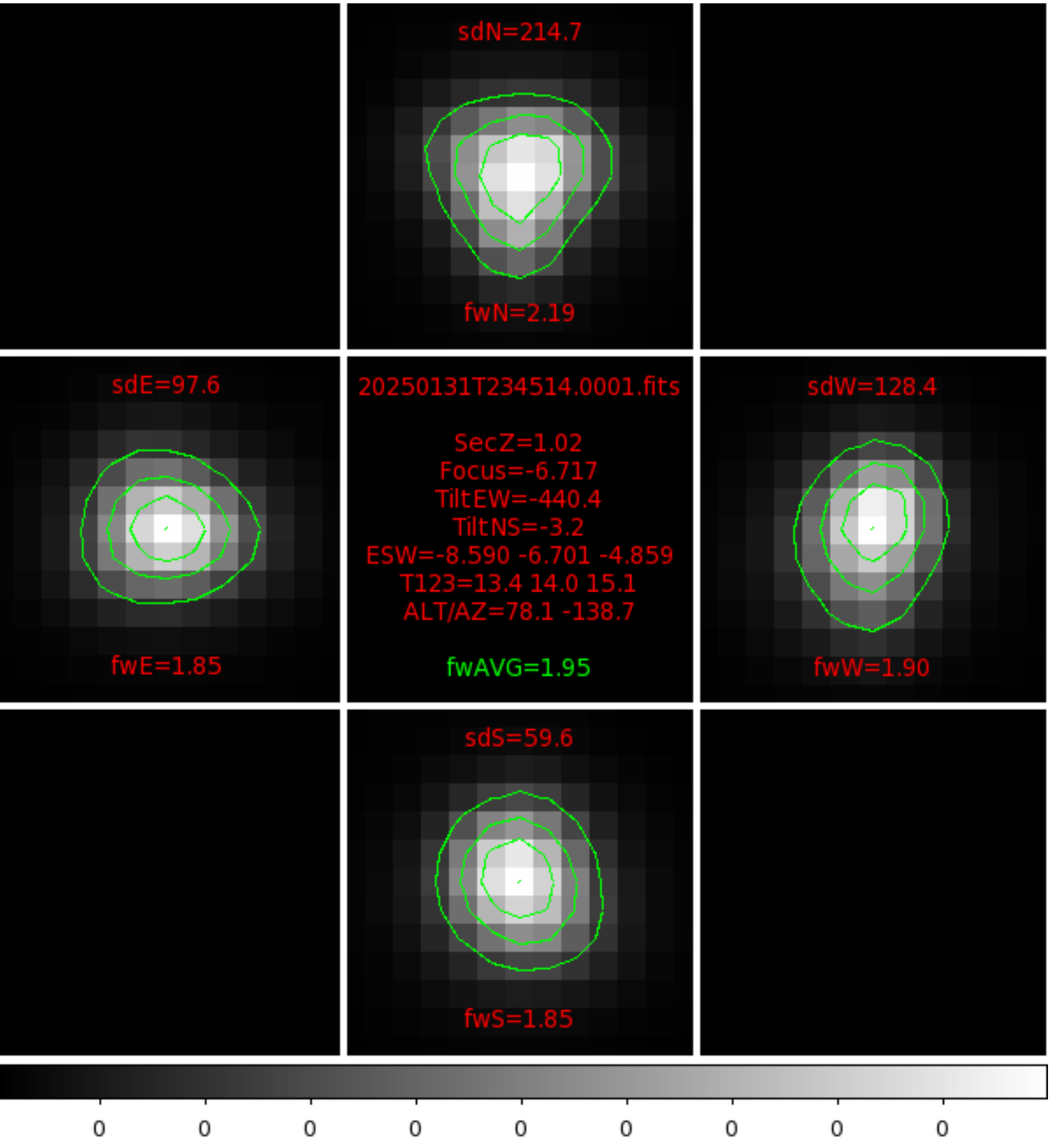
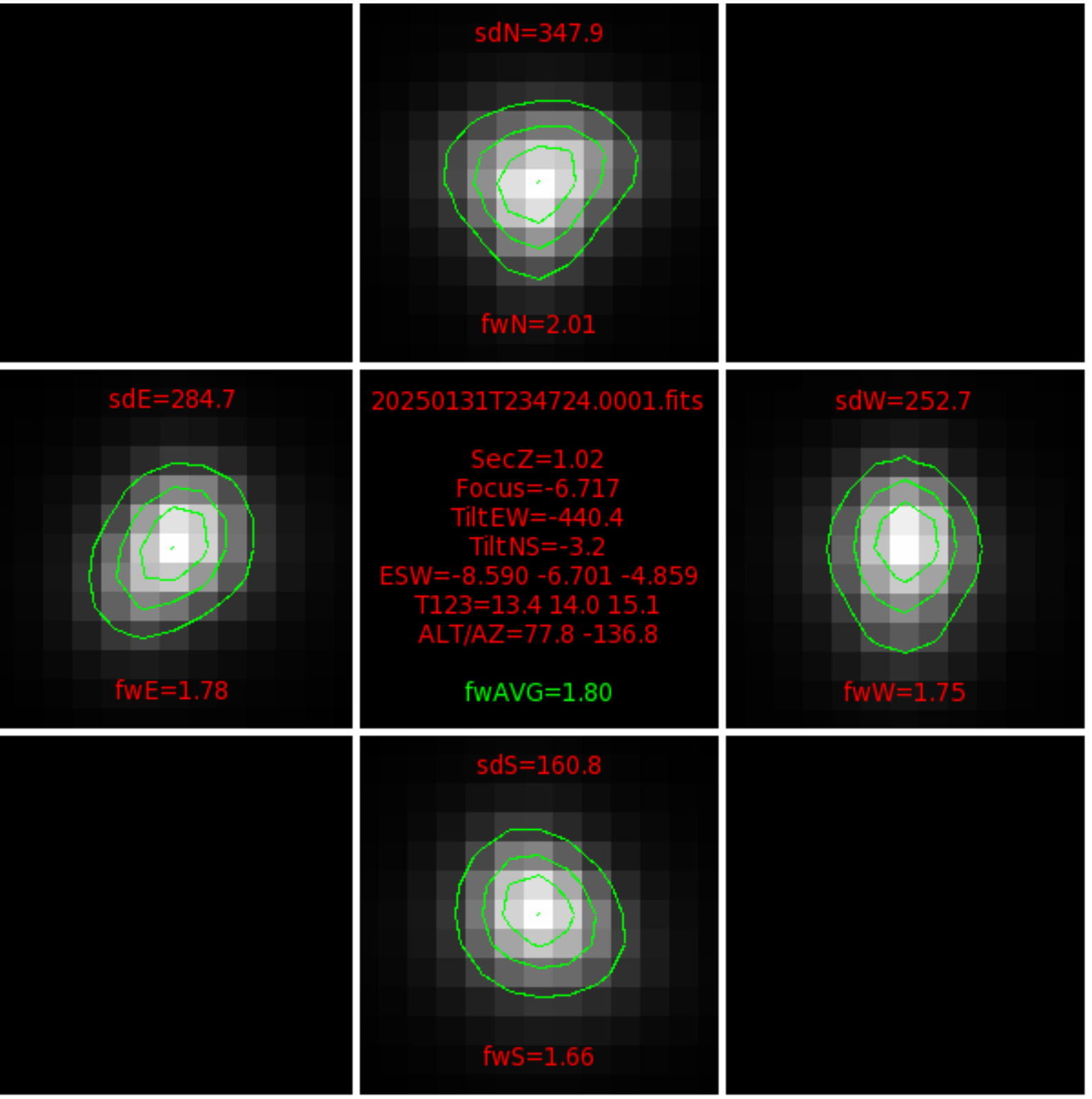

sdN=214.7
fwN=2.19
sdE=97.6
fwE=1.85
20250131T234514.0001.fits
SecZ=1.02
Focus=-6.717
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.590 -6.701 -4.859
T123=13.4 14.0 15.1
ALT/AZ=78.1 -138.7
fwAVG=1.95
sdW=128.4
fwW=1.90
sdS=59.6
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=347.9
fwN=2.01
sdE=284.7
fwE=1.78
20250131T234724.0001.fits
SecZ=1.02
Focus=-6.717
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.590 -6.701 -4.859
T123=13.4 14.0 15.1
ALT/AZ=77.8 -136.8
fwAVG=1.80
sdW=252.7
fwW=1.75
sdS=160.8
fwS=1.66
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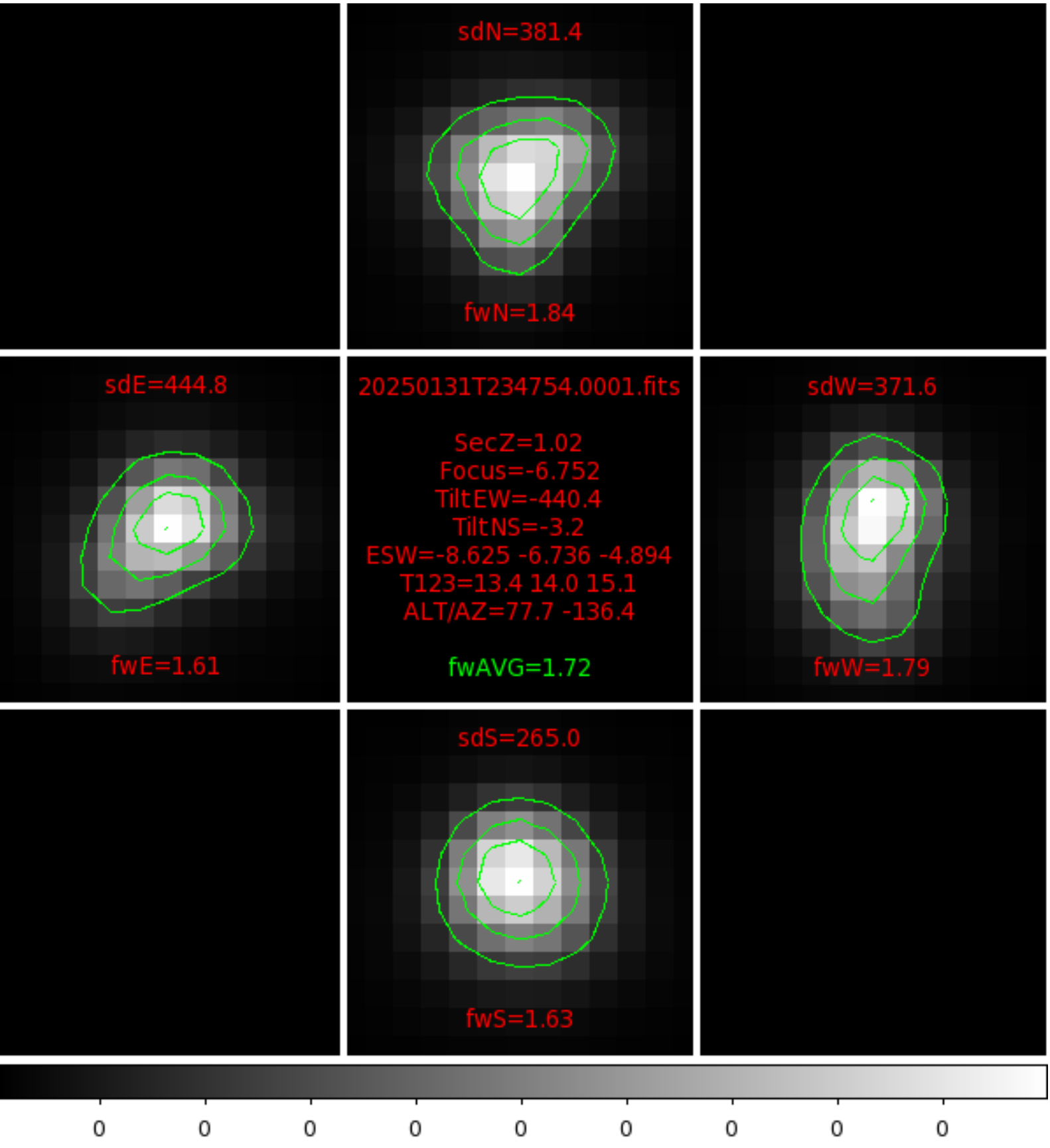
sdN=381.4
fwN=1.84
sdE=444.8
fwE=1.61
20250131T234754.0001.fits
SecZ=1.02
Focus=-6.752
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.625 -6.736 -4.894
T123=13.4 14.0 15.1
ALT/AZ=77.7 -136.4
fwAVG=1.72
sdW=371.6
fwW=1.79
sdS=265.0
fwS=1.63
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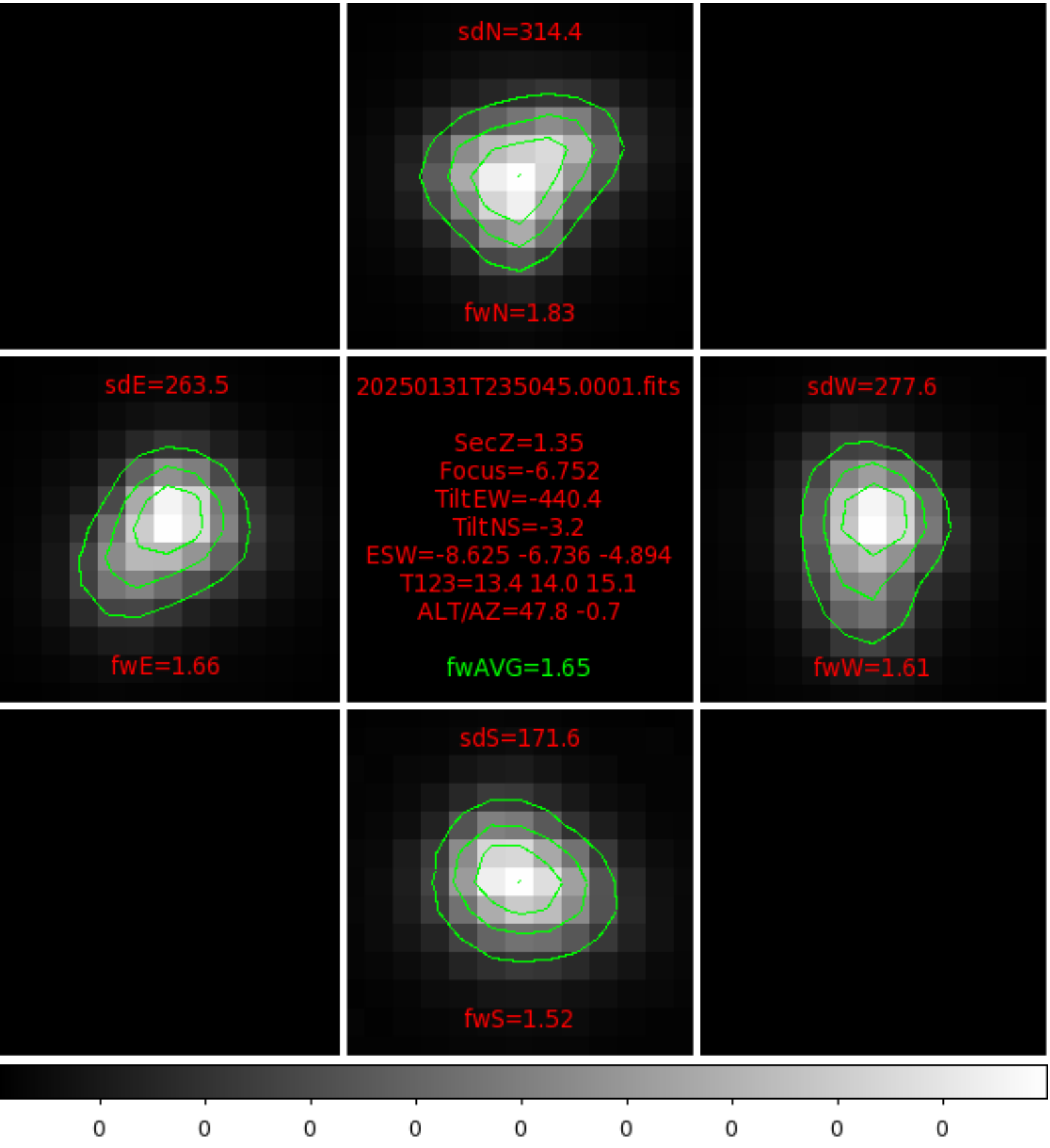
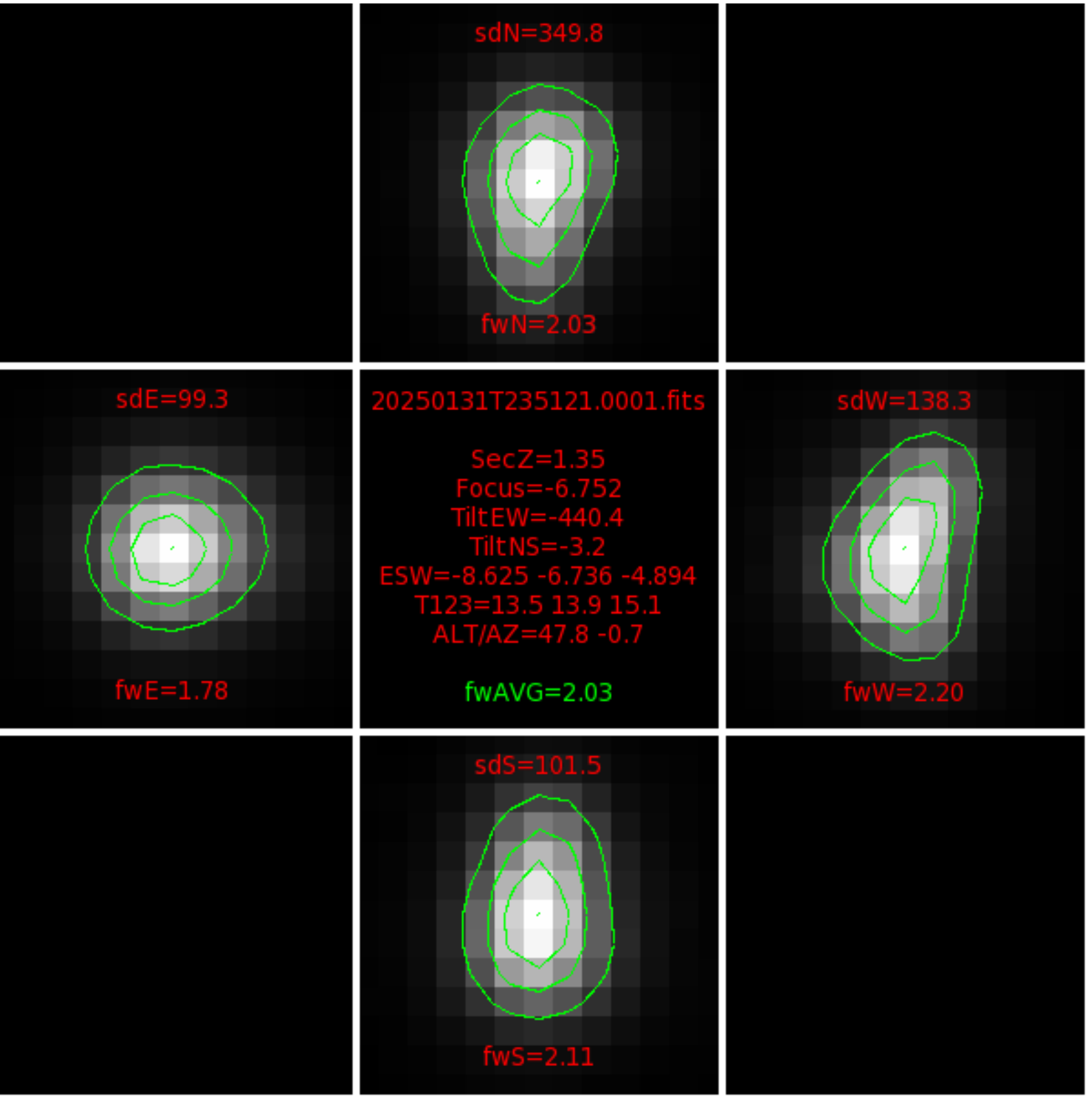

sdN=314.4
fwN=1.83
sdE=263.5
fwE=1.66
20250131T235045.0001.fits
SecZ=1.35
Focus=-6.752
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.625 -6.736 -4.894
T123=13.4 14.0 15.1
ALT/AZ=47.8 -0.7
fwAVG=1.65
sdW=277.6
fwW=1.61
sdS=171.6
fwS=1.52
0 0 0 0 0 0 0 0 0


sdN=349.8
fwN=2.03
sdE=99.3
fwE=1.78
20250131T235121.0001.fits
SecZ=1.35
Focus=-6.752
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.625 -6.736 -4.894
T123=13.5 13.9 15.1
ALT/AZ=47.8 -0.7
fwAVG=2.03
sdW=138.3
fwW=2.20
sdS=101.5
fwS=2.11
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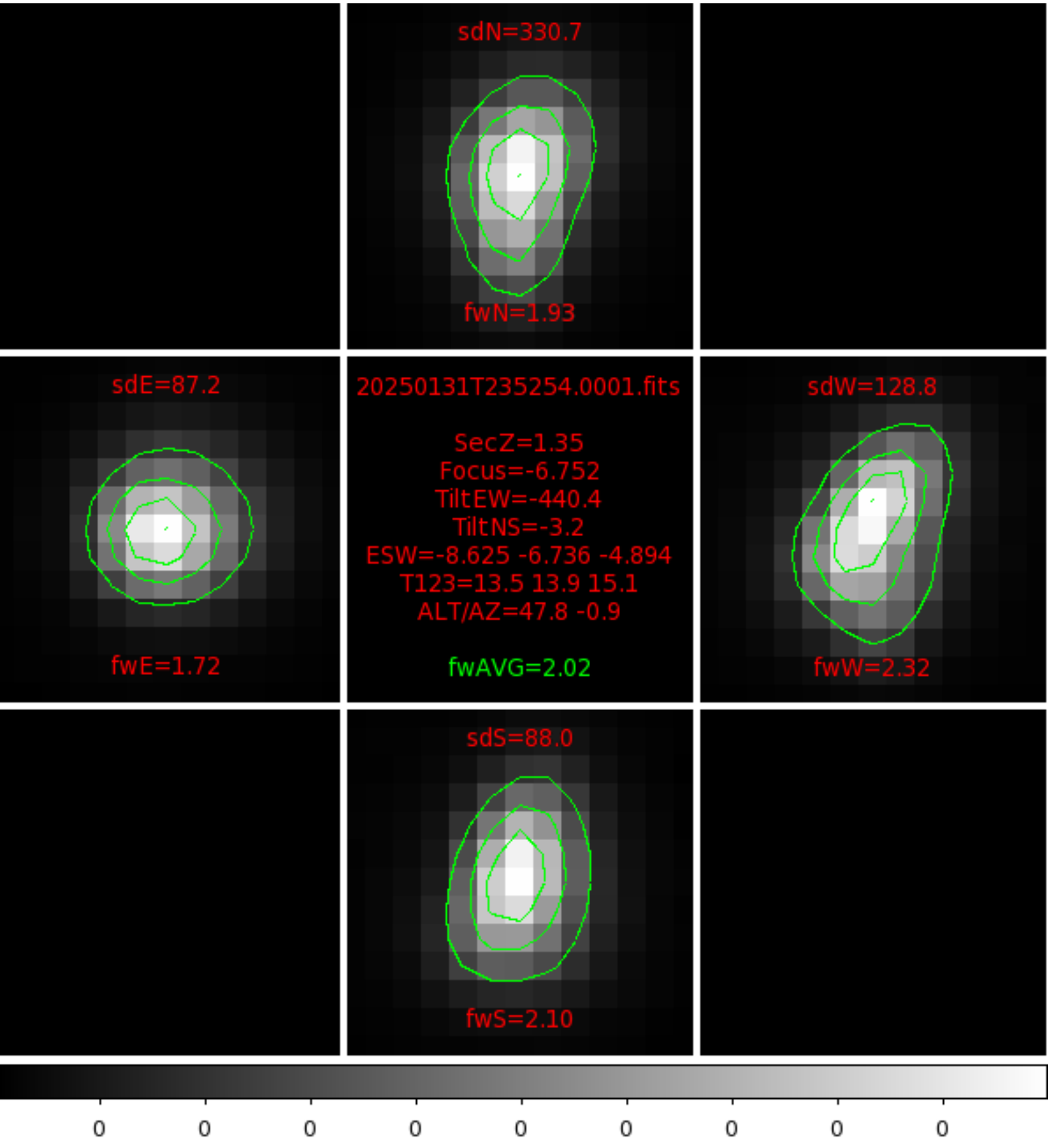
sdN=330.7
fwN=1.93
sdE=87.2
fwE=1.72
20250131T235254.0001.fits
SecZ=1.35
Focus=-6.752
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.625 -6.736 -4.894
T123=13.5 13.9 15.1
ALT/AZ=47.8 -0.9
fwAVG=2.02
sdW=128.8
fwW=2.32
sdS=88.0
fwS=2.10
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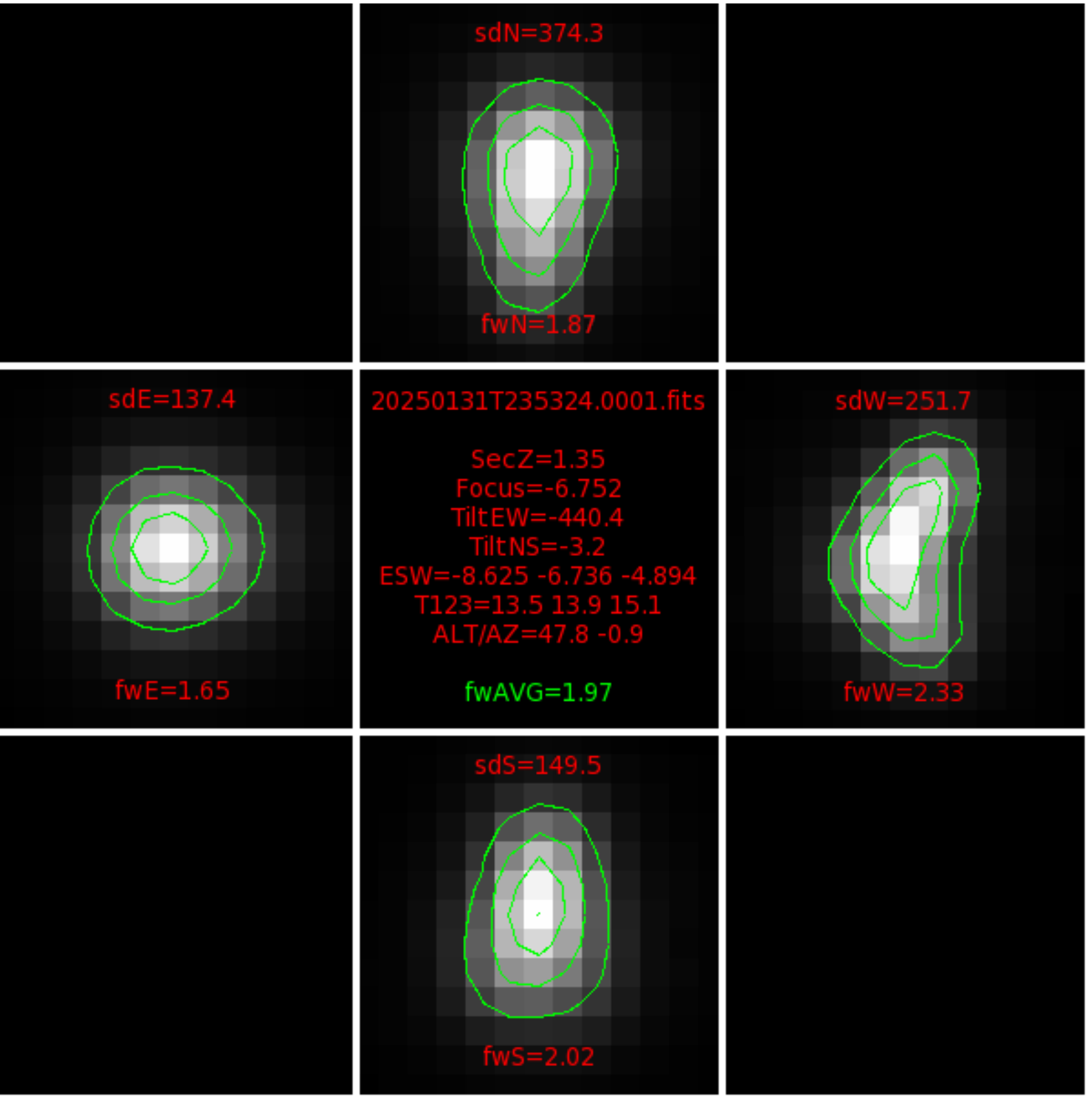
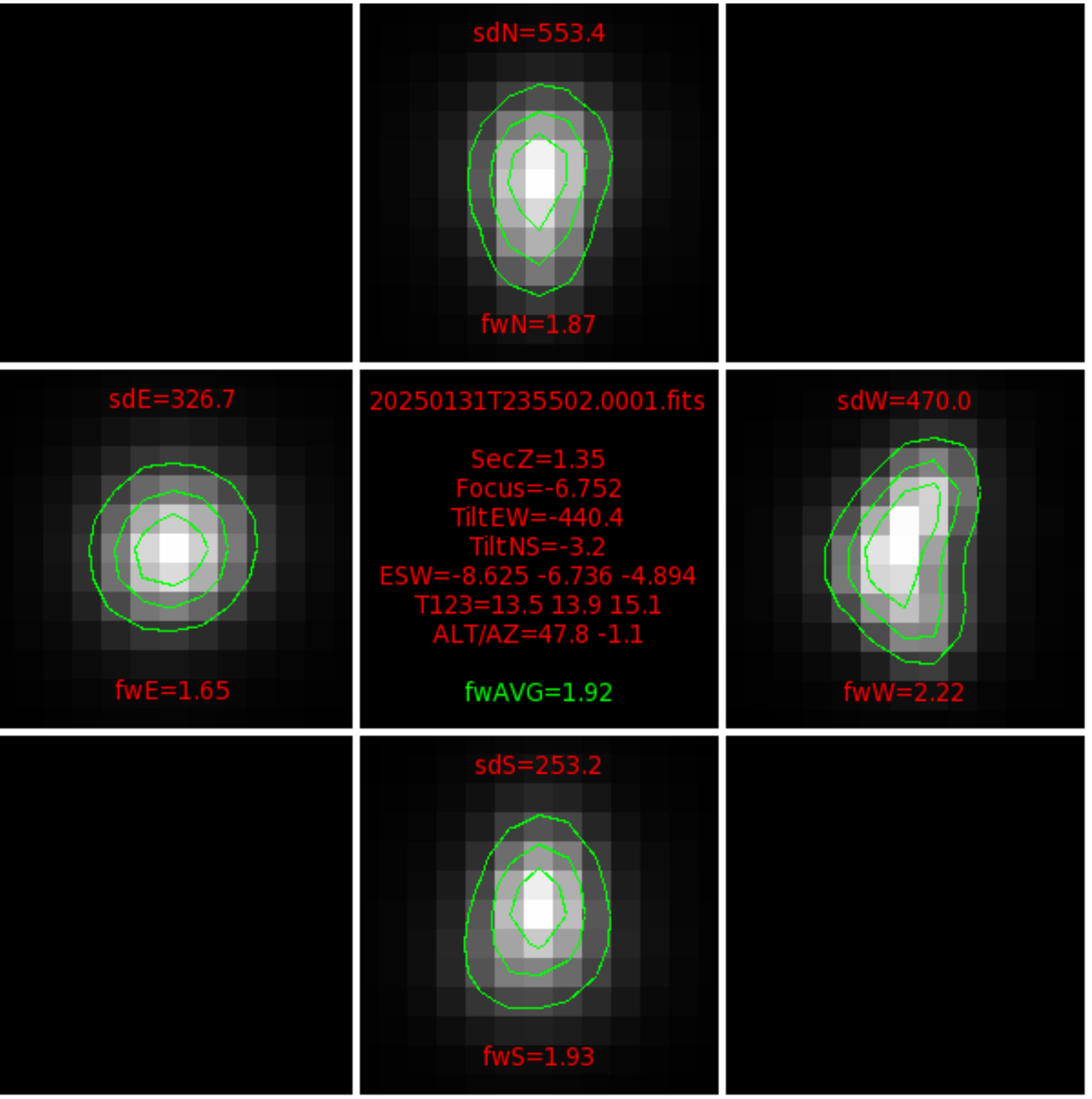
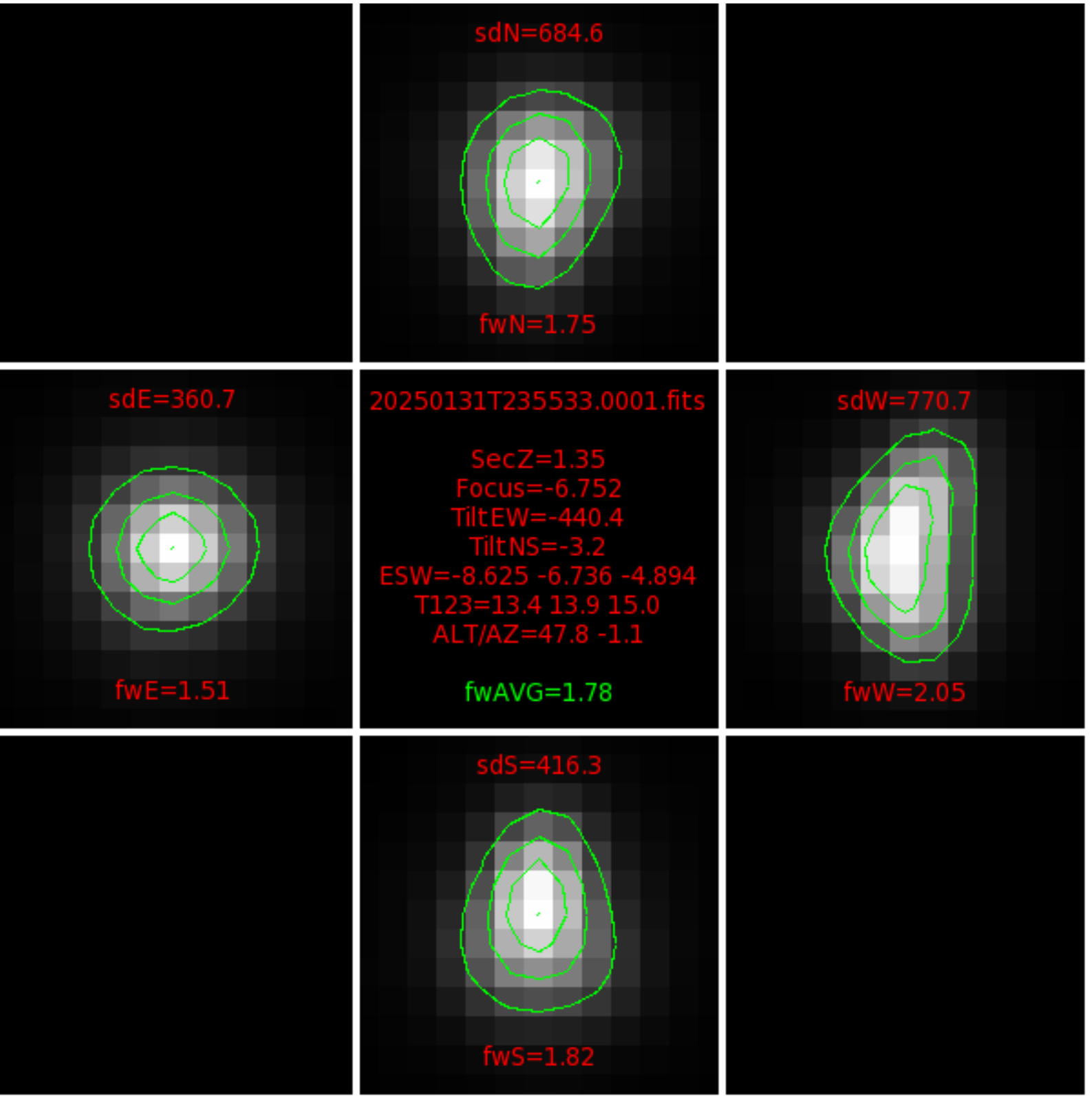

sdN=374.3
fwN=1.87
sdE=137.4
fwE=1.65
20250131T235324.0001.fits
SecZ=1.35
Focus=-6.752
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.625 -6.736 -4.894
T123=13.5 13.9 15.1
ALT/AZ=47.8 -0.9
fwAVG=1.97
sdW=251.7
fwW=2.33
sdS=149.5
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=553.4
fwN=1.87
sdE=326.7
fwE=1.65
20250131T235502.0001.fits
SecZ=1.35
Focus=-6.752
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.625 -6.736 -4.894
T123=13.5 13.9 15.1
ALT/AZ=47.8 -1.1
fwAVG=1.92
sdW=470.0
fwW=2.22
sdS=253.2
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=684.6
fwN=1.75
sdE=360.7
fwE=1.51
20250131T235533.0001.fits
SecZ=1.35
Focus=-6.752
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.625 -6.736 -4.894
T123=13.4 13.9 15.0
ALT/AZ=47.8 -1.1
fwAVG=1.78
sdW=770.7
fwW=2.05
sdS=416.3
fwS=1.82
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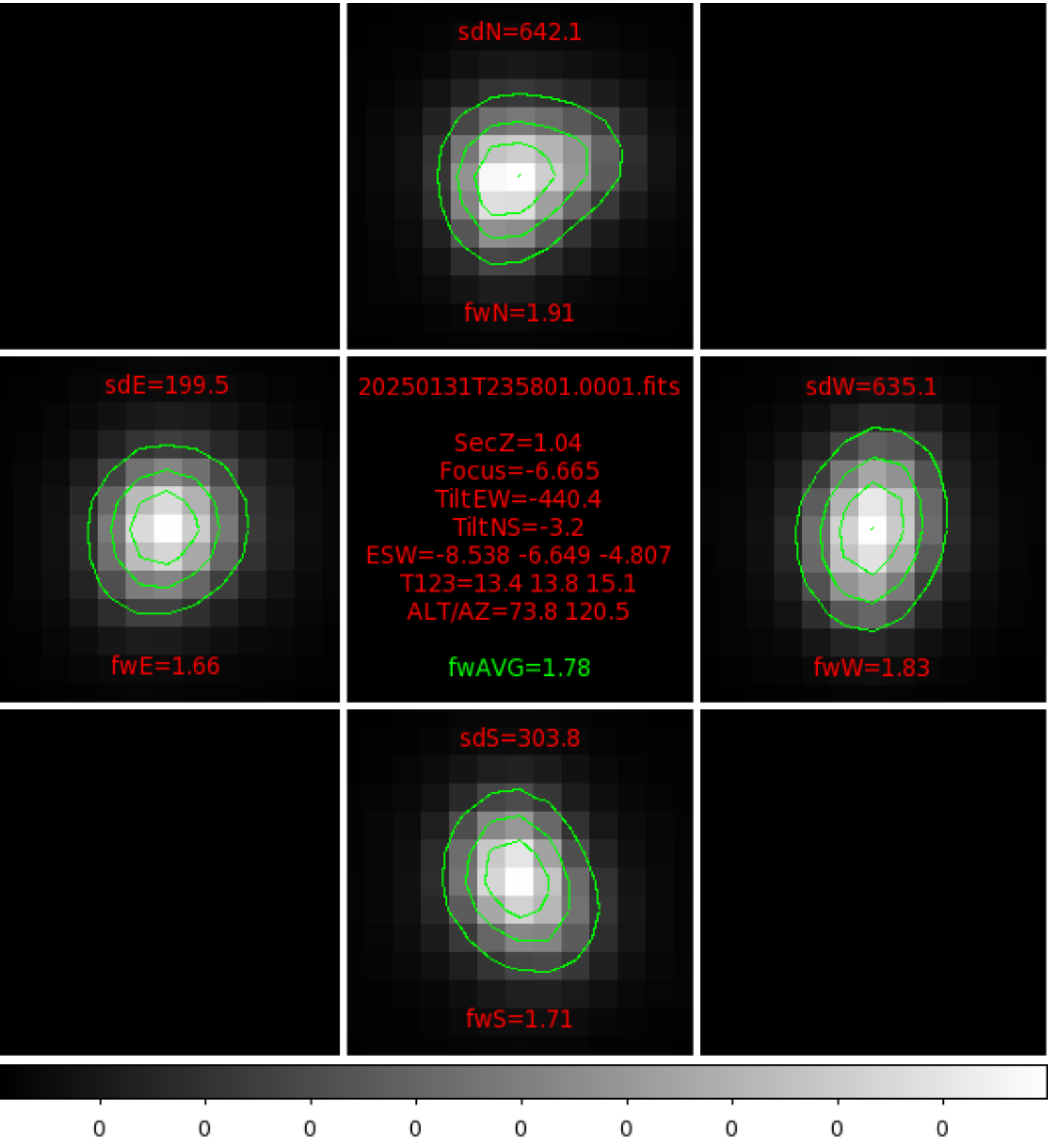
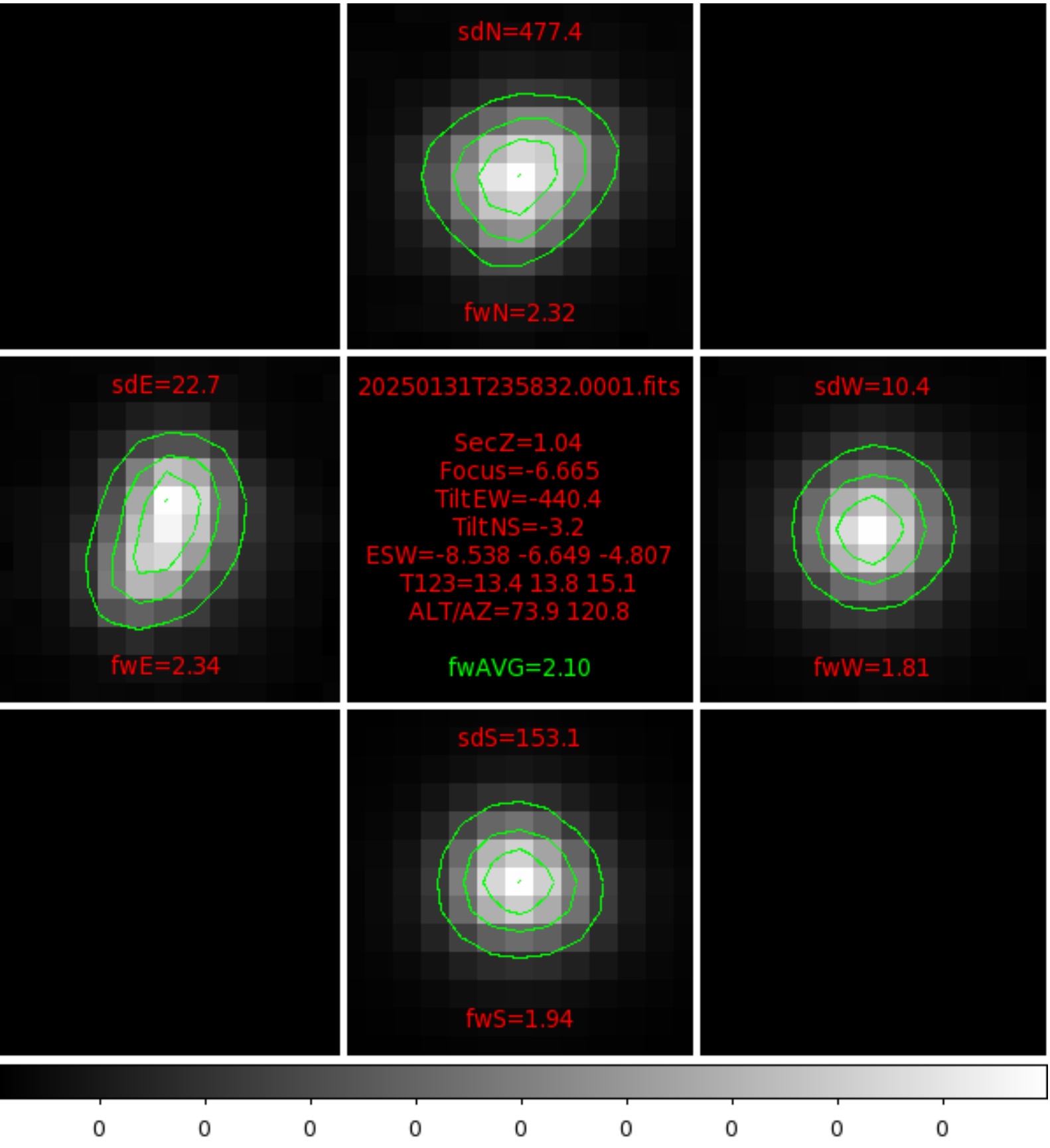

sdN=642.1
fwN=1.91
sdE=199.5
fwE=1.66
20250131T235801.0001.fits
SecZ=1.04
Focus=-6.665
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.538 -6.649 -4.807
T123=13.4 13.8 15.1
ALT/AZ=73.8 120.5
fwAVG=1.78
sdW=635.1
fwW=1.83
sdS=303.8
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=477.4
fwN=2.32
sdE=22.7
fwE=2.34
20250131T235832.0001.fits
SecZ=1.04
Focus=-6.665
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.538 -6.649 -4.807
T123=13.4 13.8 15.1
ALT/AZ=73.9 120.8
fwAVG=2.10
sdW=10.4
fwW=1.81
sdS=153.1
fwS=1.94
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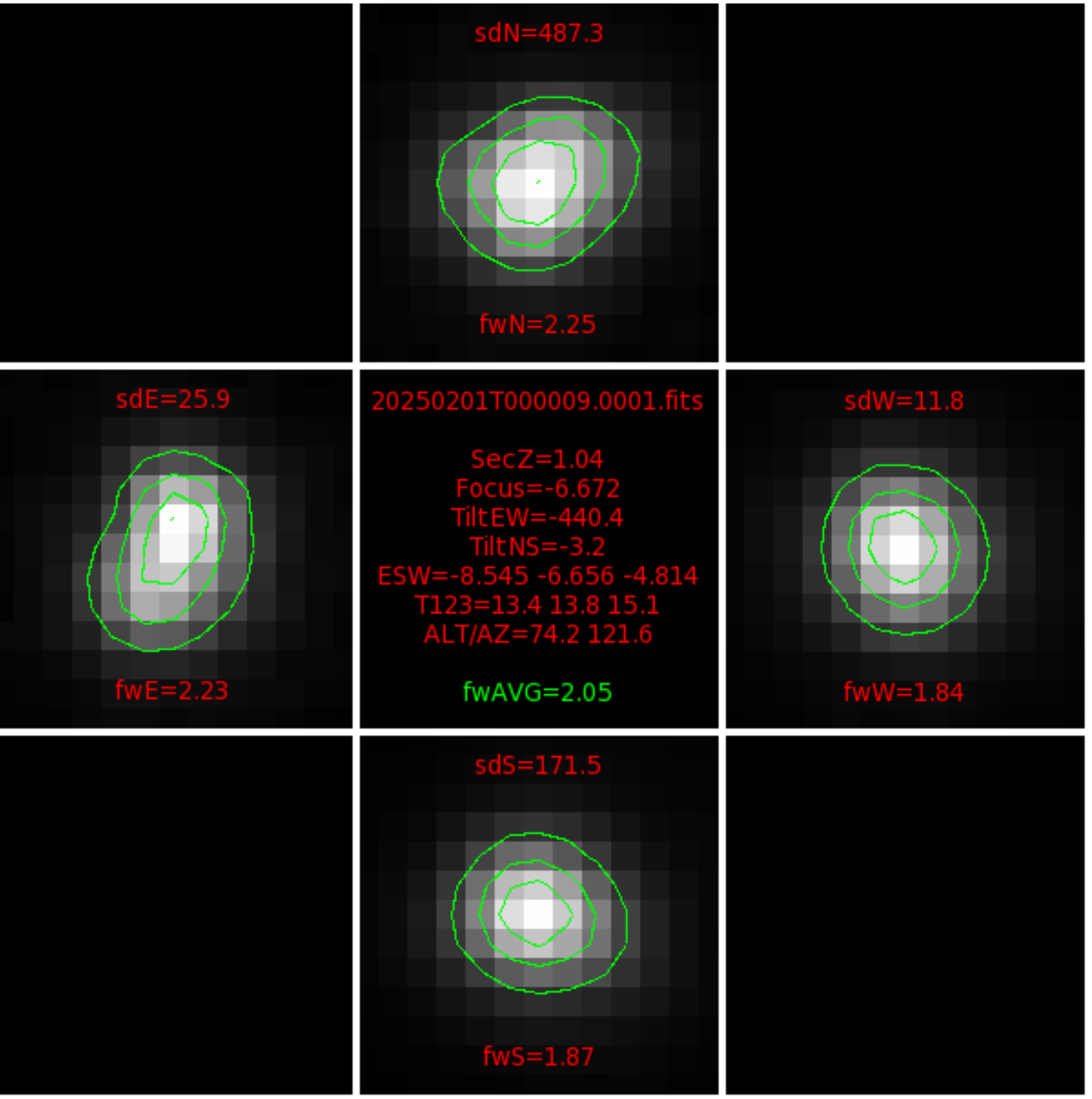
sdN=487.3
fwN=2.25
sdE=25.9
fwE=2.23
20250201T000009.0001.fits
SecZ=1.04
Focus=-6.672
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.545 -6.656 -4.814
T123=13.4 13.8 15.1
ALT/AZ=74.2 121.6
fwAVG=2.05
sdW=11.8
fwW=1.84
sdS=171.5
fwS=1.87
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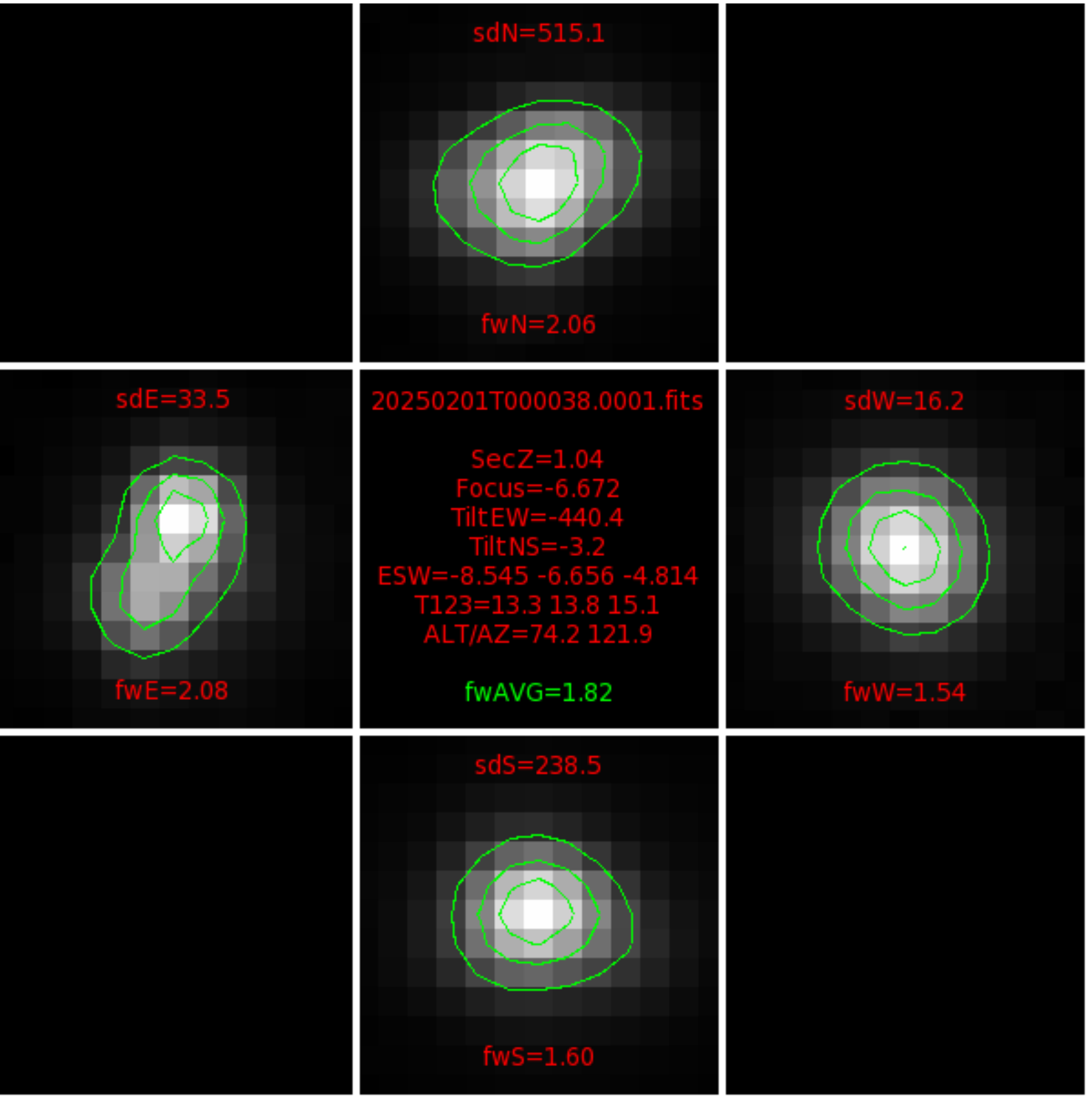
sdN=515.1
fwN=2.06
sdE=33.5
fwE=2.08
20250201T000038.0001.fits
SecZ=1.04
Focus=-6.672
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.545 -6.656 -4.814
T123=13.3 13.8 15.1
ALT/AZ=74.2 121.9
fwAVG=1.82
sdW=16.2
fwW=1.54
sdS=238.5
fwS=1.60
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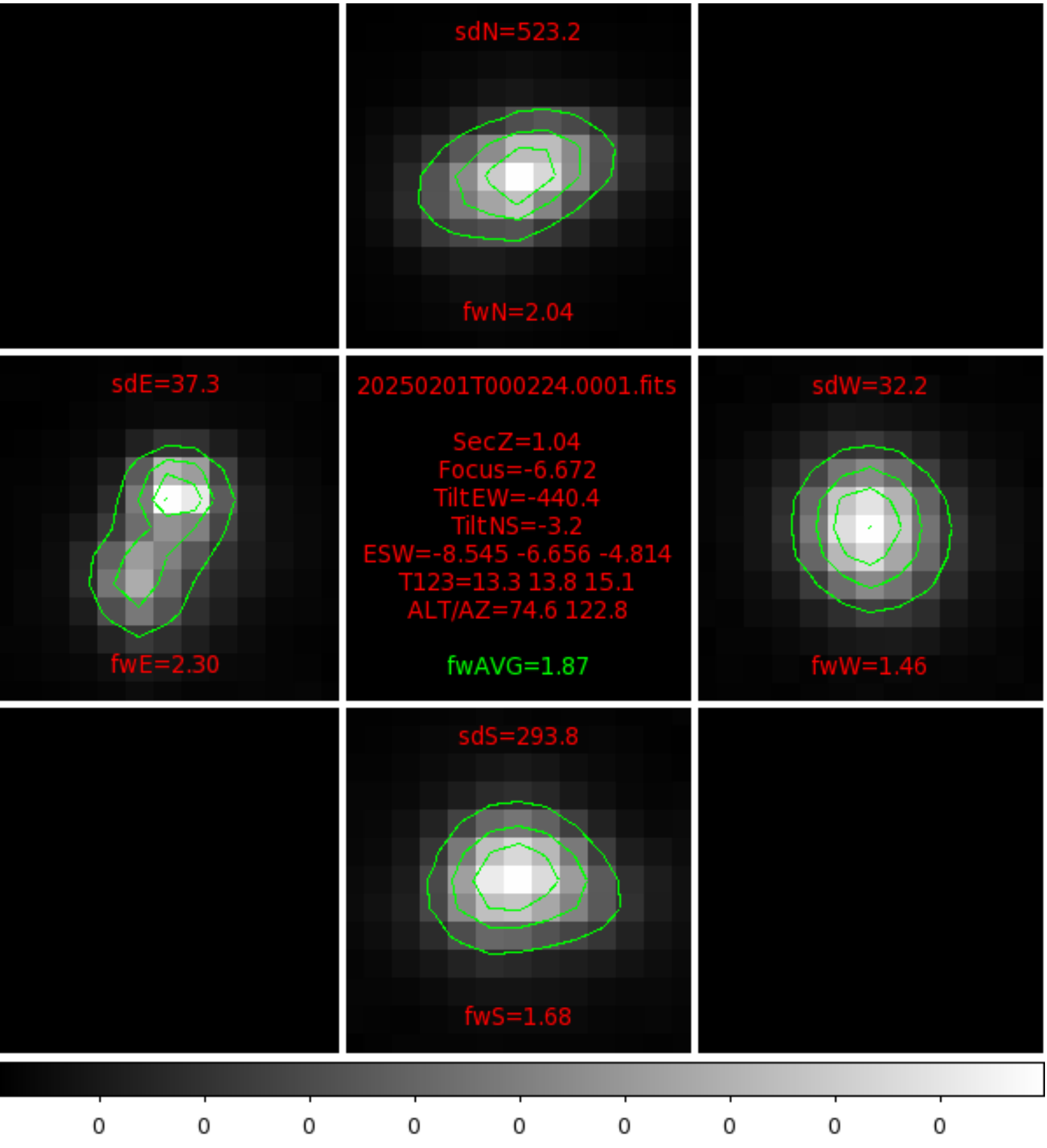
sdN=523.2
fwN=2.04
sdE=37.3
fwE=2.30
20250201T000224.0001.fits
SecZ=1.04
Focus=-6.672
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.545 -6.656 -4.814
T123=13.3 13.8 15.1
ALT/AZ=74.6 122.8
fwAVG=1.87
sdW=32.2
fwW=1.46
sdS=293.8
fwS=1.68
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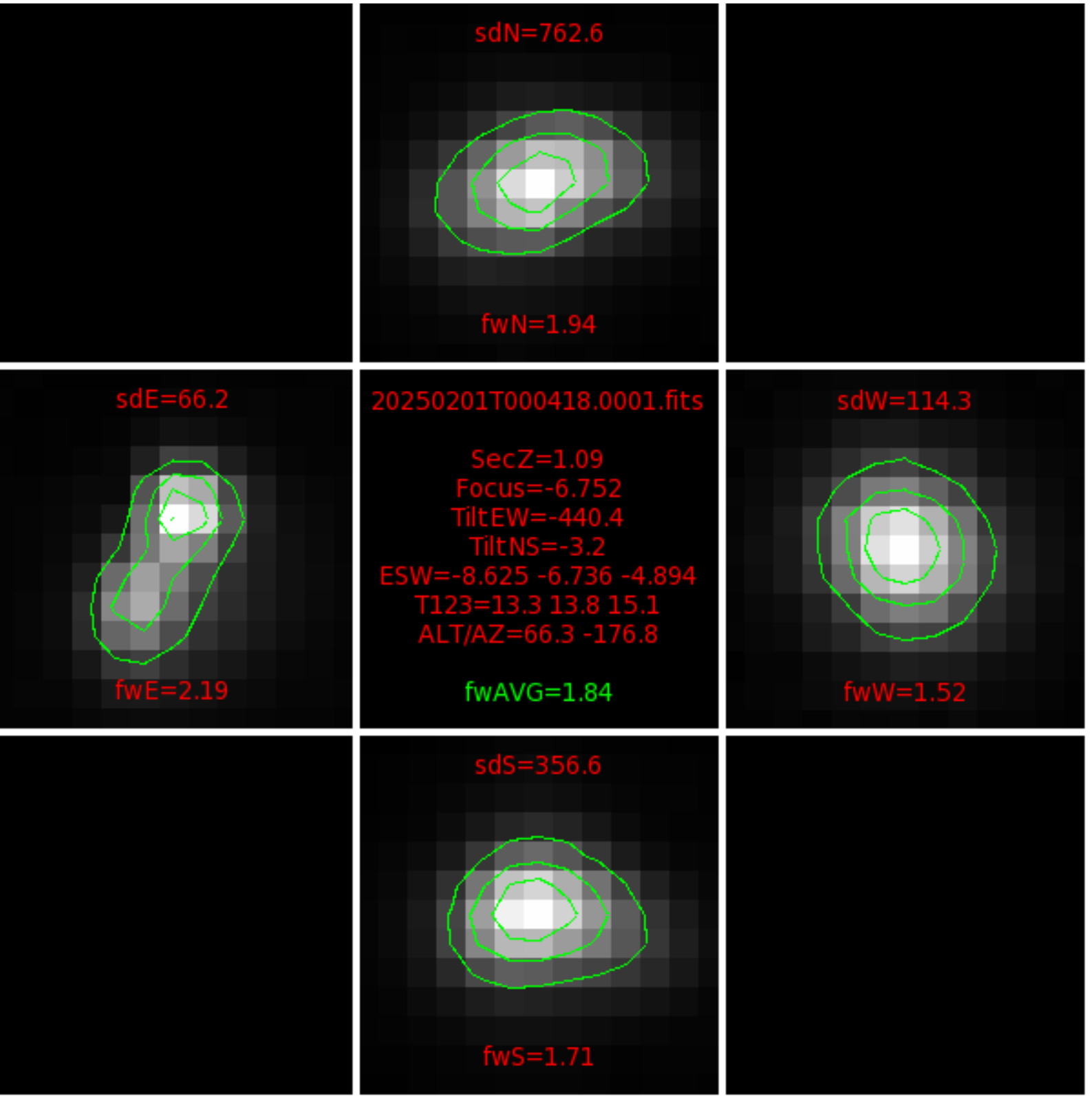
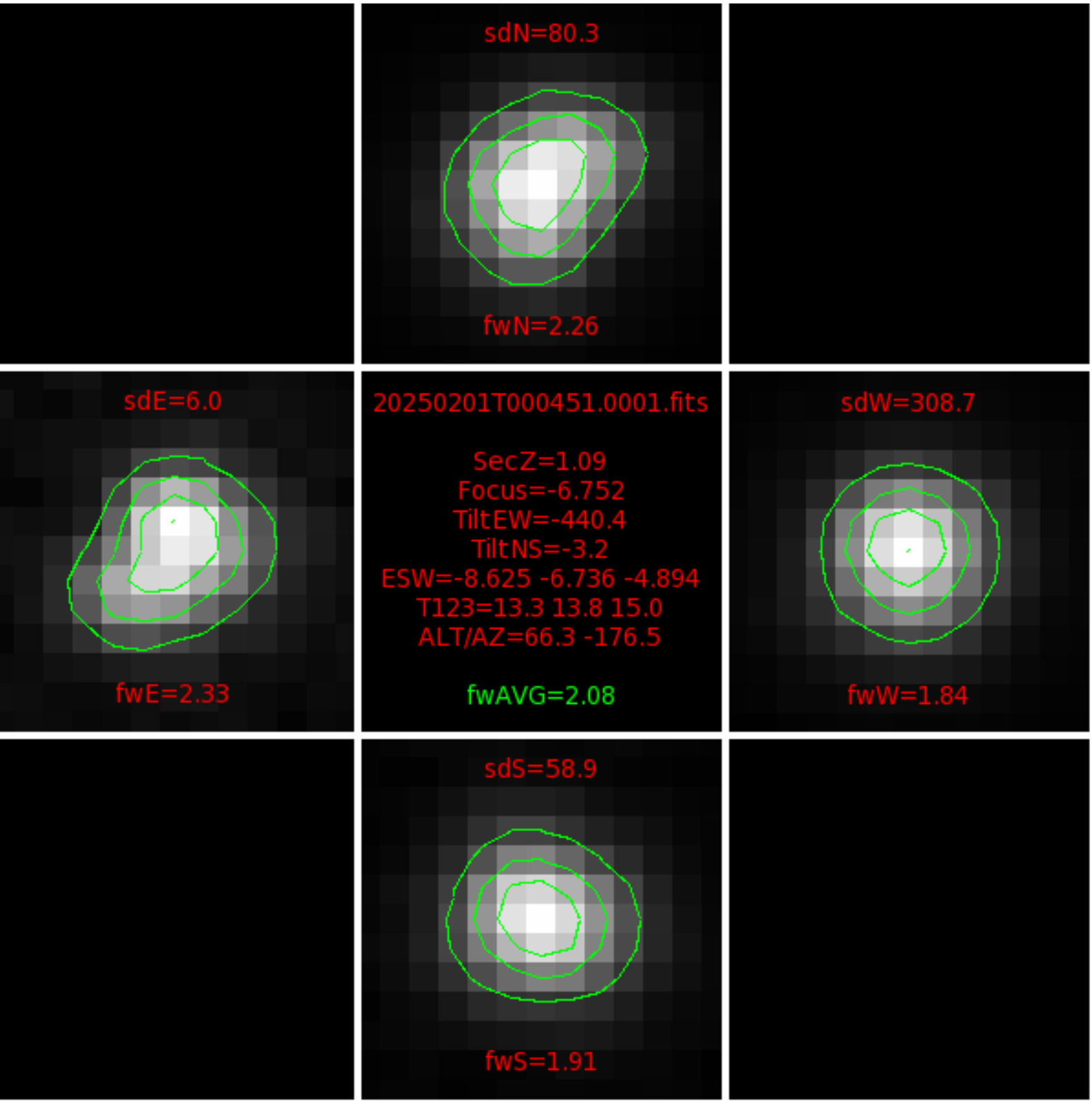

sdN=762.6
fwN=1.94
sdE=66.2
fwE=2.19
20250201T000418.0001.fits
SecZ=1.09
Focus=-6.752
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.625 -6.736 -4.894
T123=13.3 13.8 15.1
ALT/AZ=66.3 -176.8
fwAVG=1.84
sdW=114.3
fwW=1.52
sdS=356.6
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=80.3
fwN=2.26
sdE=6.0
fwE=2.33
20250201T000451.0001.fits
SecZ=1.09
Focus=-6.752
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.625 -6.736 -4.894
T123=13.3 13.8 15.0
ALT/AZ=66.3 -176.5
fwAVG=2.08
sdW=308.7
fwW=1.84
sdS=58.9
fwS=1.91
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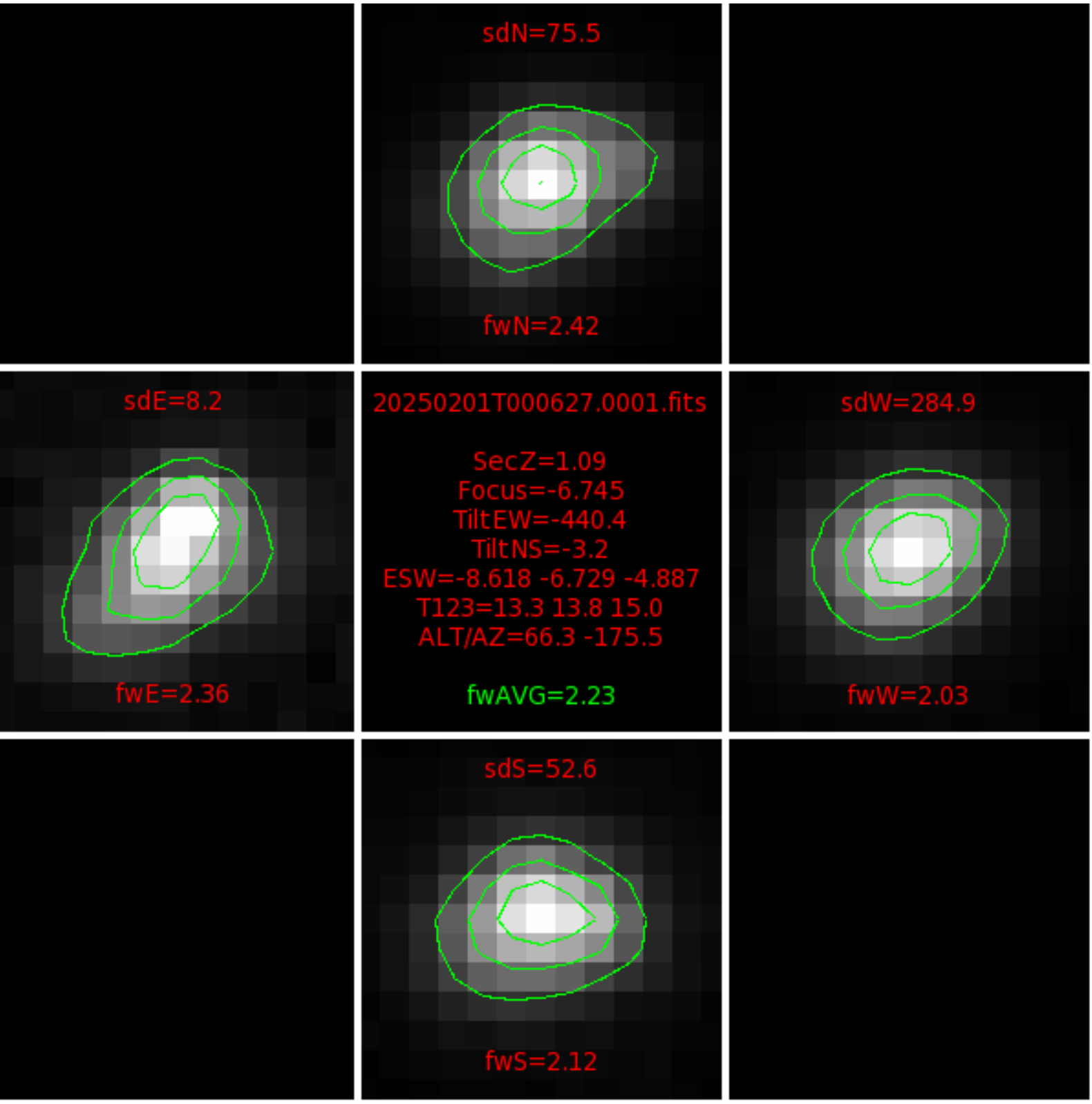
sdN=75.5
fwN=2.42
sdE=8.2
fwE=2.36
20250201T000627.0001.fits
SecZ=1.09
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.3 13.8 15.0
ALT/AZ=66.3 -175.5
fwAVG=2.23
sdW=284.9
fwW=2.03
sdS=52.6
fwS=2.12
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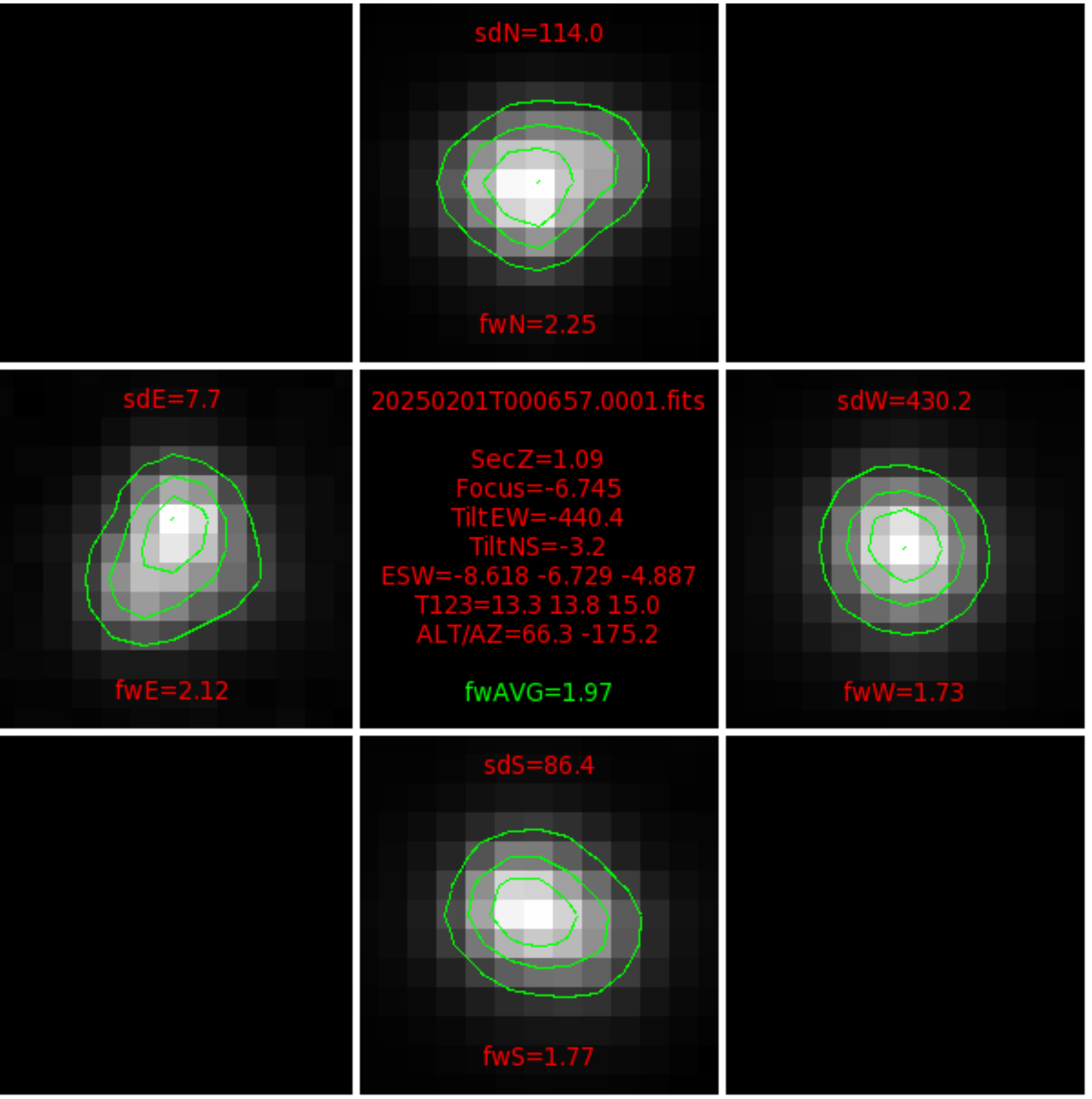
sdN=114.0
fwN=2.25
sdE=7.7
fwE=2.12
20250201T000657.0001.fits
SecZ=1.09
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.3 13.8 15.0
ALT/AZ=66.3 -175.2
fwAVG=1.97
sdW=430.2
fwW=1.73
sdS=86.4
fwS=1.77
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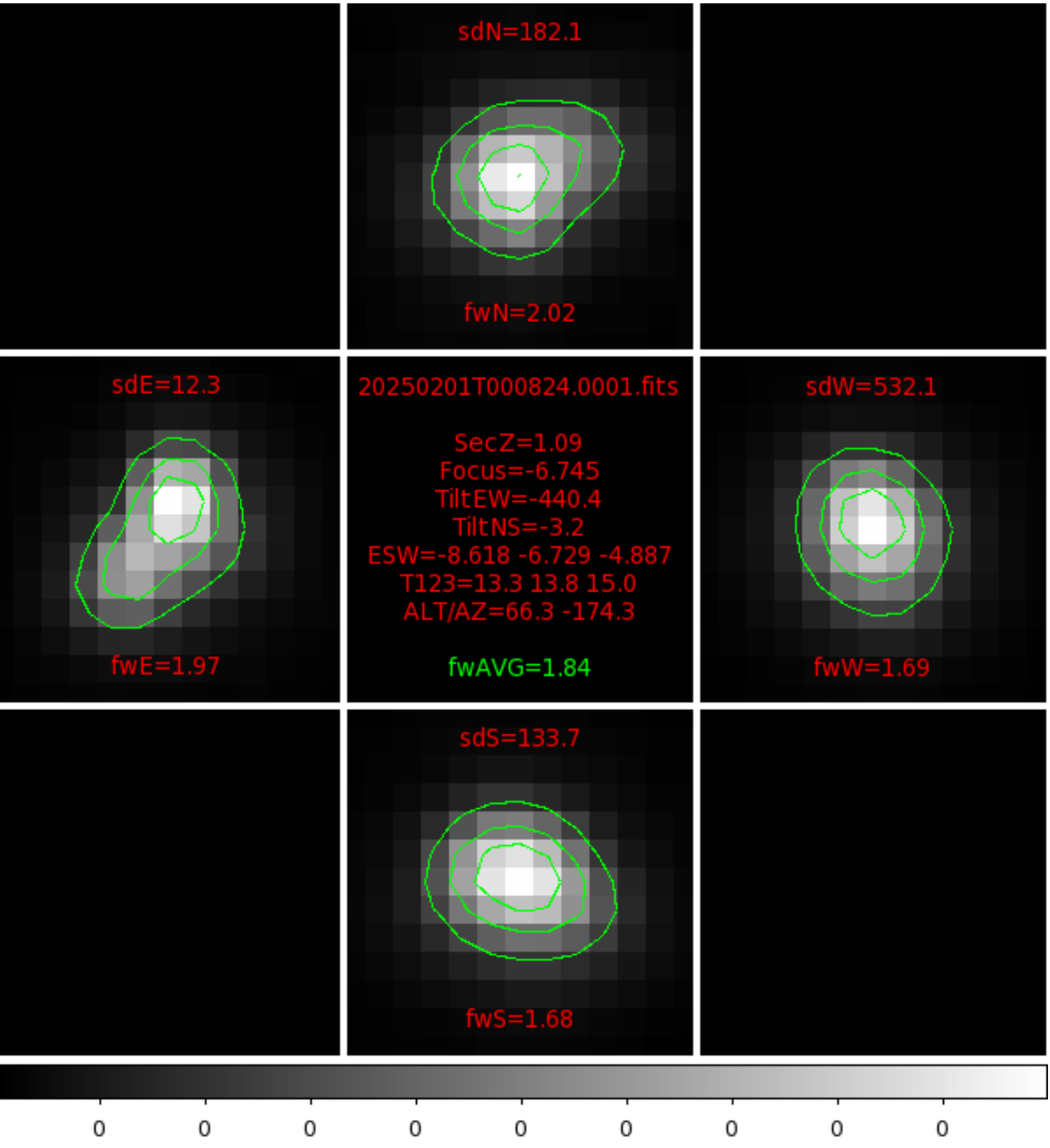
sdN=182.1
fwN=2.02
sdE=12.3
fwE=1.97
20250201T000824.0001.fits
SecZ=1.09
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.3 13.8 15.0
ALT/AZ=66.3 -174.3
fwAVG=1.84
sdW=532.1
fwW=1.69
sdS=133.7
fwS=1.68
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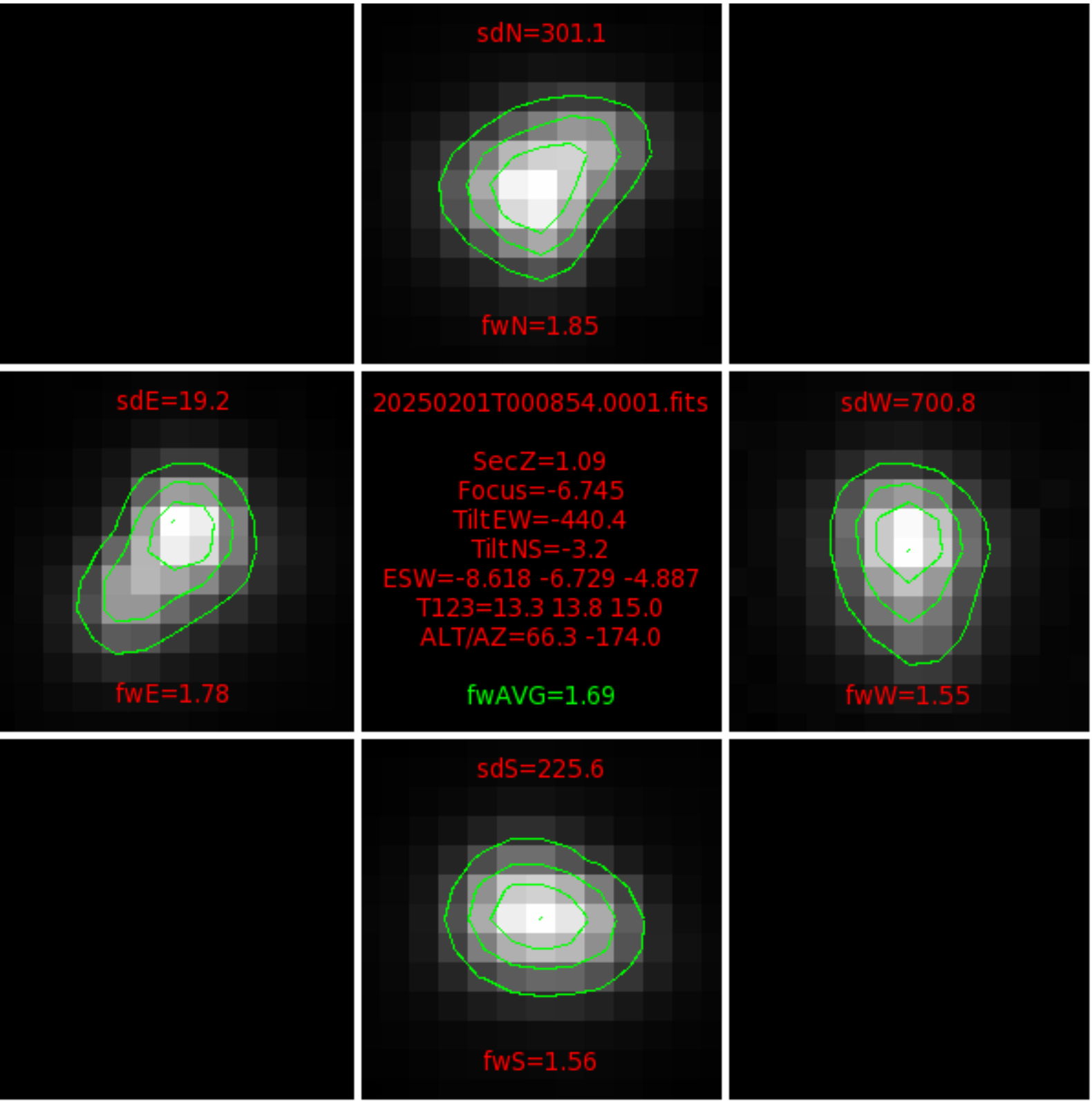
sdN=301.1
fwN=1.85
sdE=19.2
fwE=1.78
20250201T000854.0001.fits
SecZ=1.09
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.3 13.8 15.0
ALT/AZ=66.3 -174.0
fwAVG=1.69
sdW=700.8
fwW=1.55
sdS=225.6
fwS=1.56
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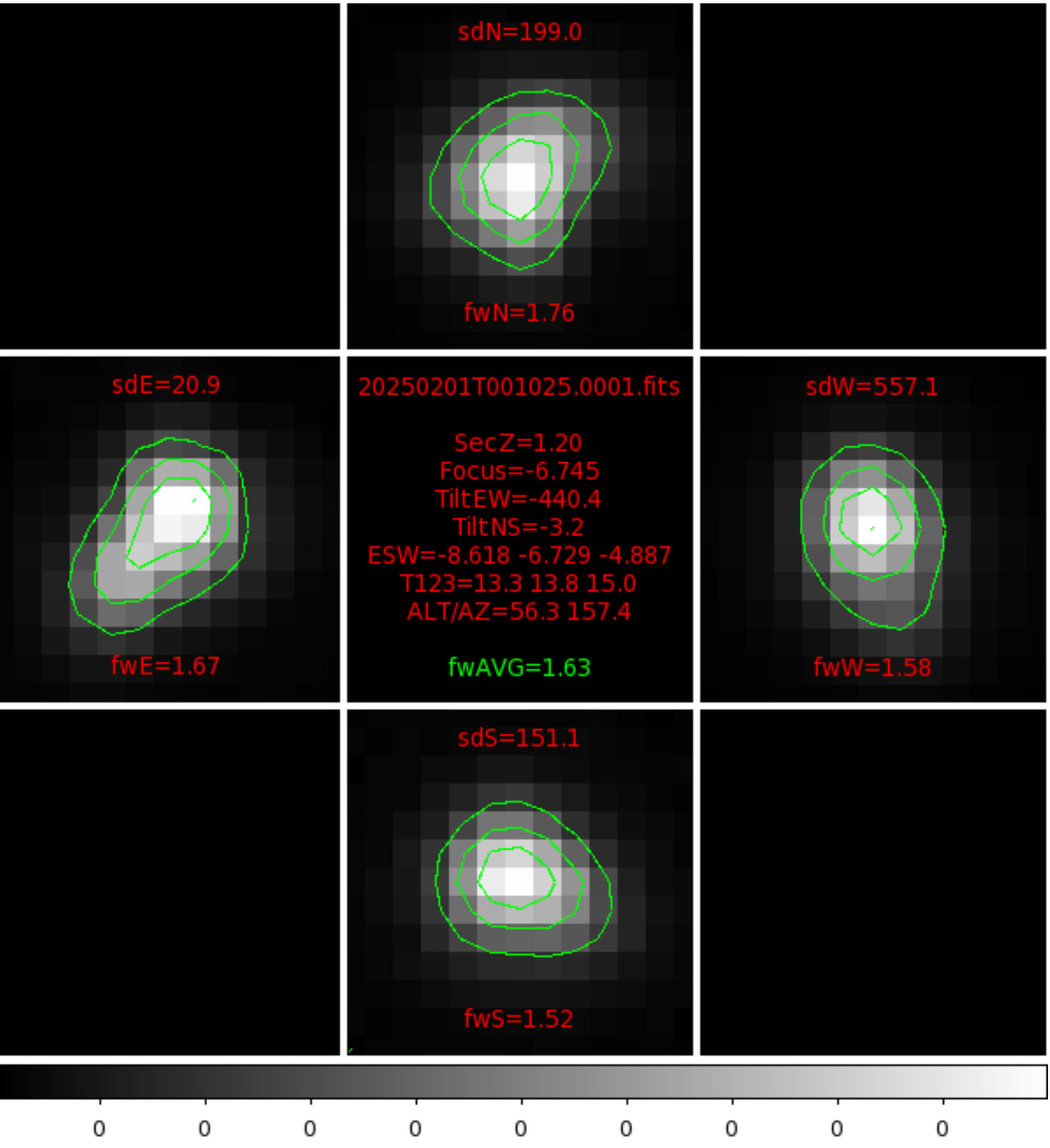
sdN=199.0
fwN=1.76
sdE=20.9
fwE=1.67
20250201T001025.0001.fits
SecZ=1.20
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.3 13.8 15.0
ALT/AZ=56.3 157.4
fwAVG=1.63
sdW=557.1
fwW=1.58
sdS=151.1
fwS=1.52
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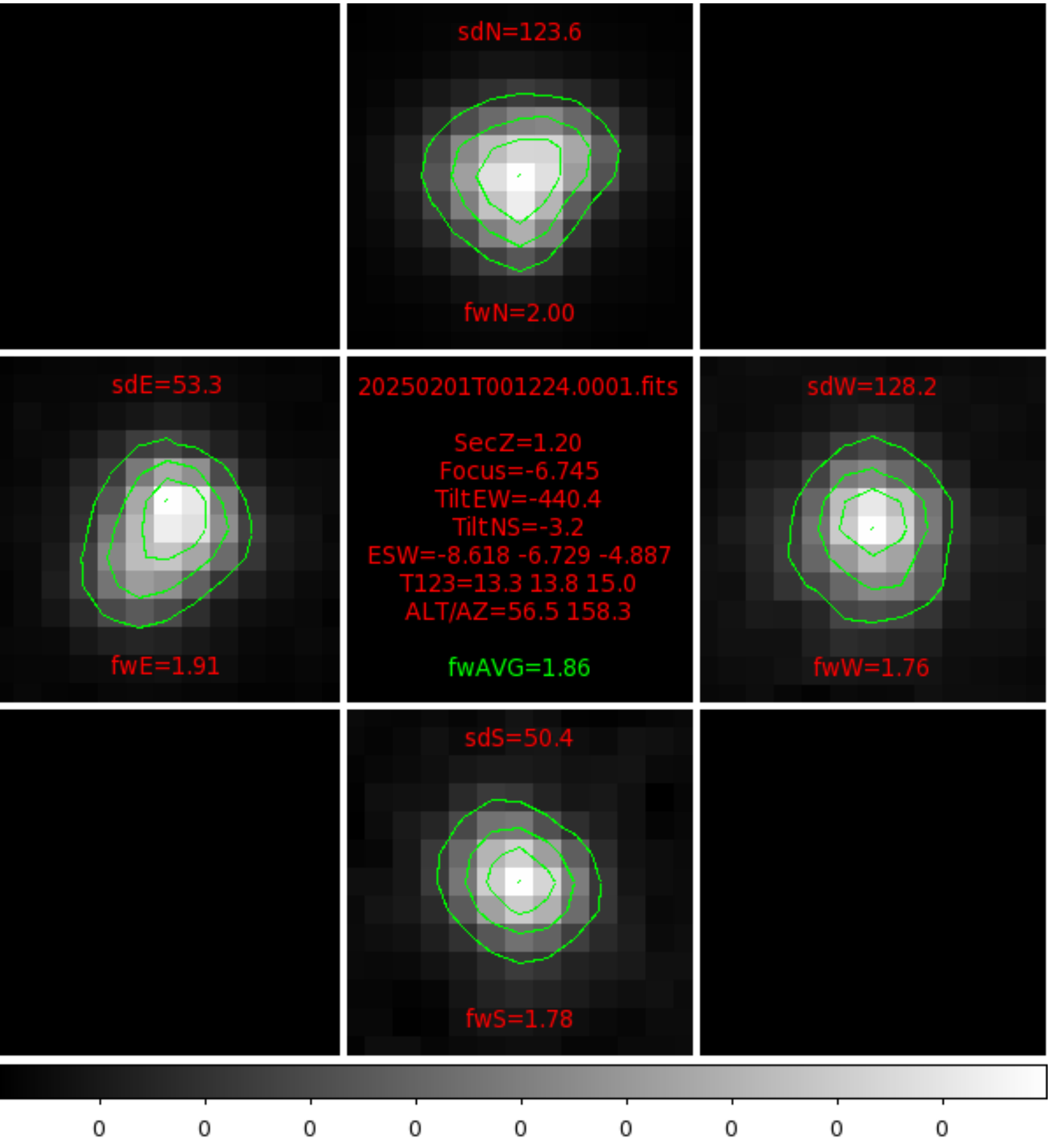
sdN=123.6
fwN=2.00
sdE=53.3
fwE=1.91
20250201T001224.0001.fits
SecZ=1.20
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.3 13.8 15.0
ALT/AZ=56.5 158.3
fwAVG=1.86
sdW=128.2
fwW=1.76
sdS=50.4
fwS=1.78
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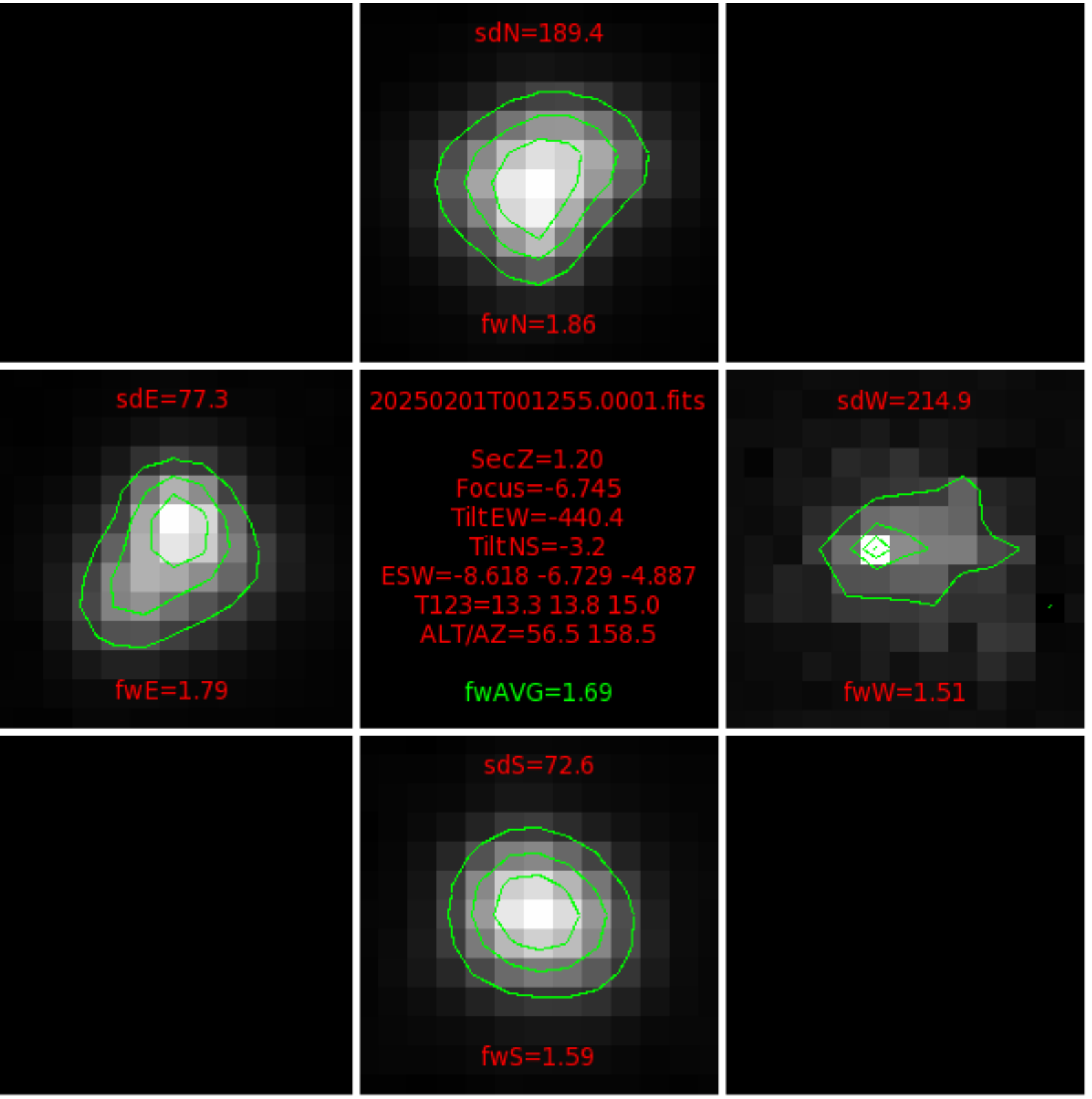
sdN=189.4
fwN=1.86
sdE=77.3
fwE=1.79
20250201T001255.0001.fits
SecZ=1.20
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.3 13.8 15.0
ALT/AZ=56.5 158.5
fwAVG=1.69
sdW=214.9
fwW=1.51
sdS=72.6
fwS=1.59
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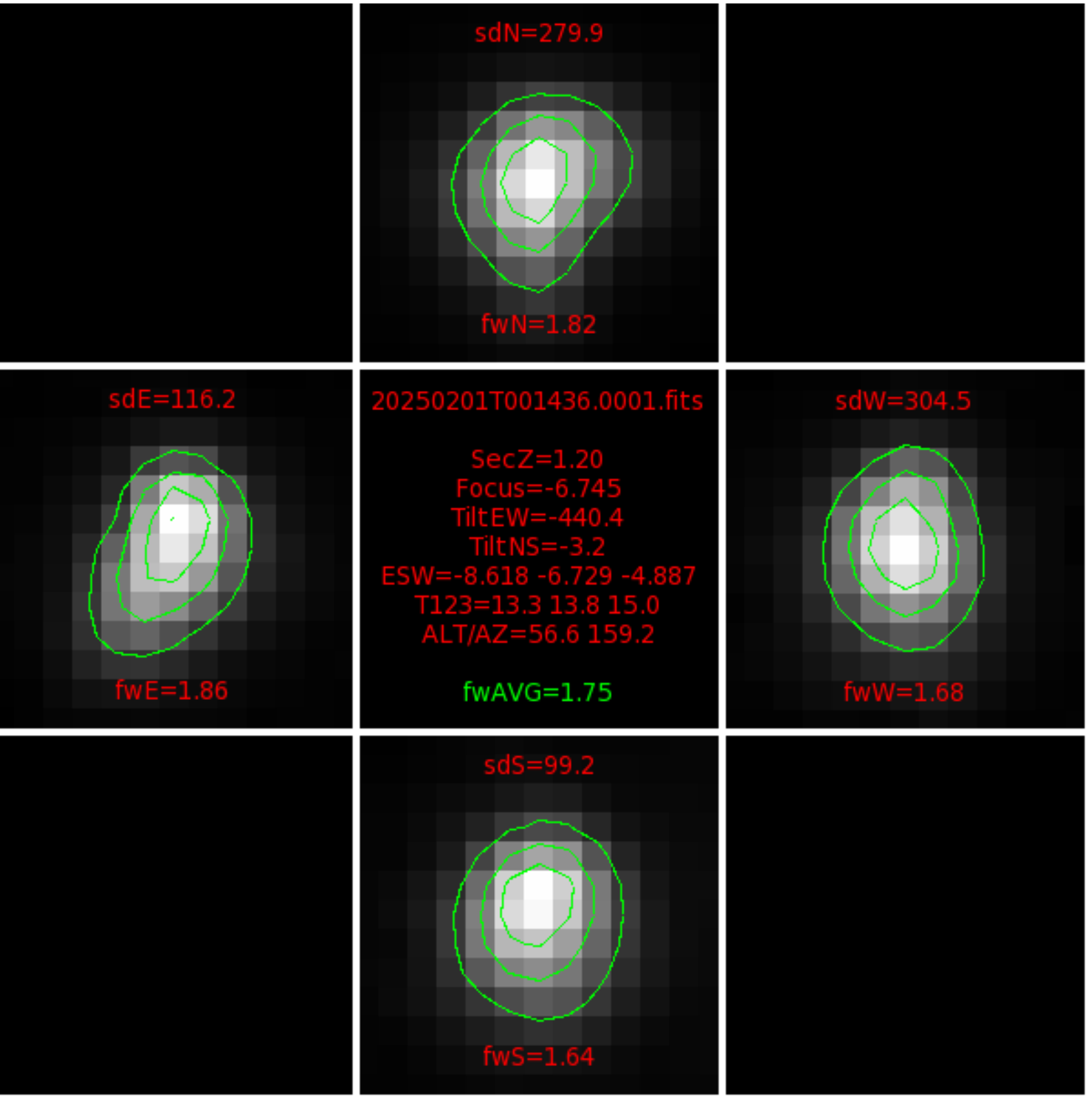
sdN=279.9
fwN=1.82
sdE=116.2
fwE=1.86
20250201T001436.0001.fits
SecZ=1.20
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.3 13.8 15.0
ALT/AZ=56.6 159.2
fwAVG=1.75
sdW=304.5
fwW=1.68
sdS=99.2
fwS=1.64
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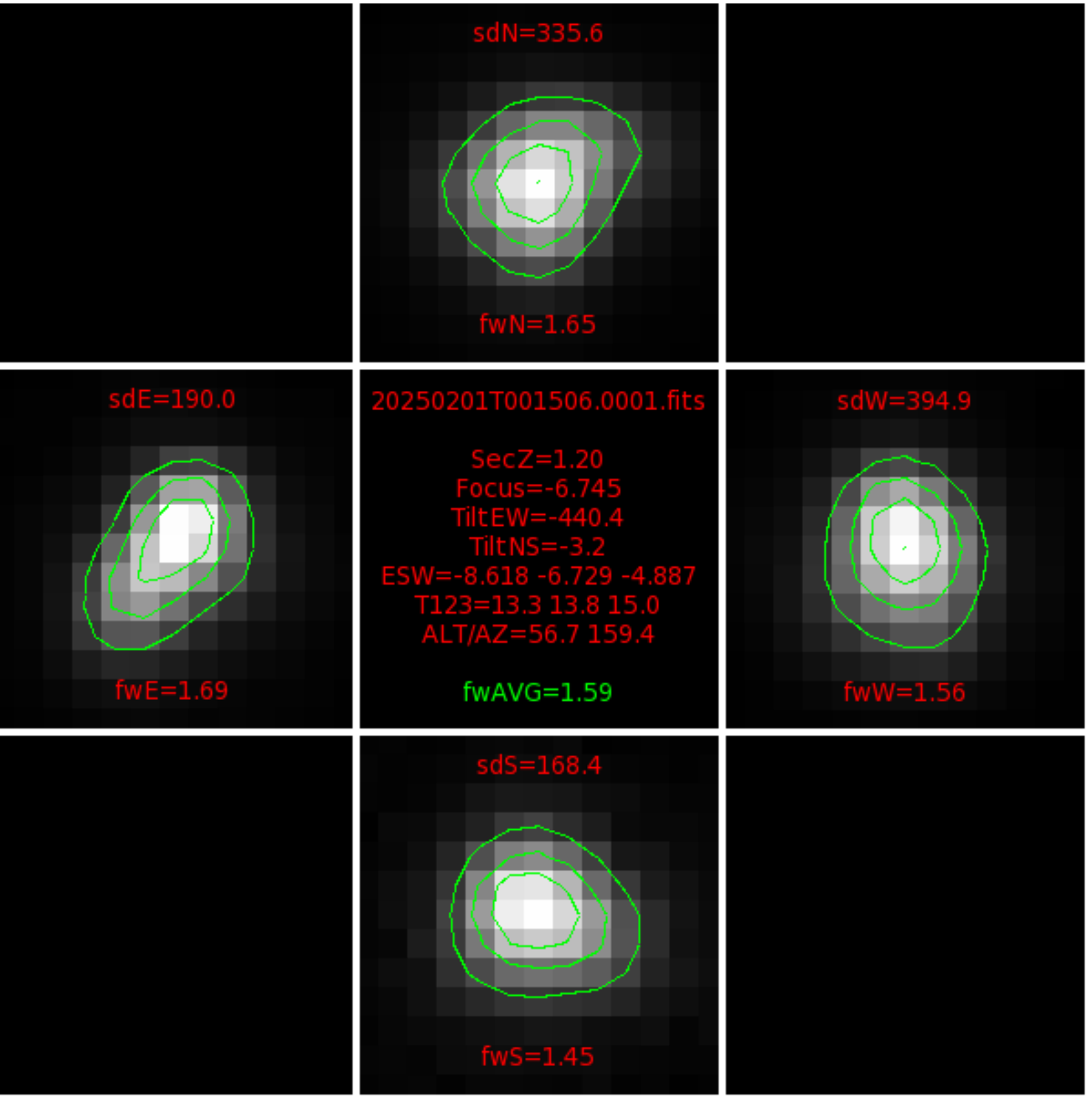
sdN=335.6
fwN=1.65
sdE=190.0
fwE=1.69
20250201T001506.0001.fits
SecZ=1.20
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.3 13.8 15.0
ALT/AZ=56.7 159.4
fwAVG=1.59
sdW=394.9
fwW=1.56
sdS=168.4
fwS=1.45
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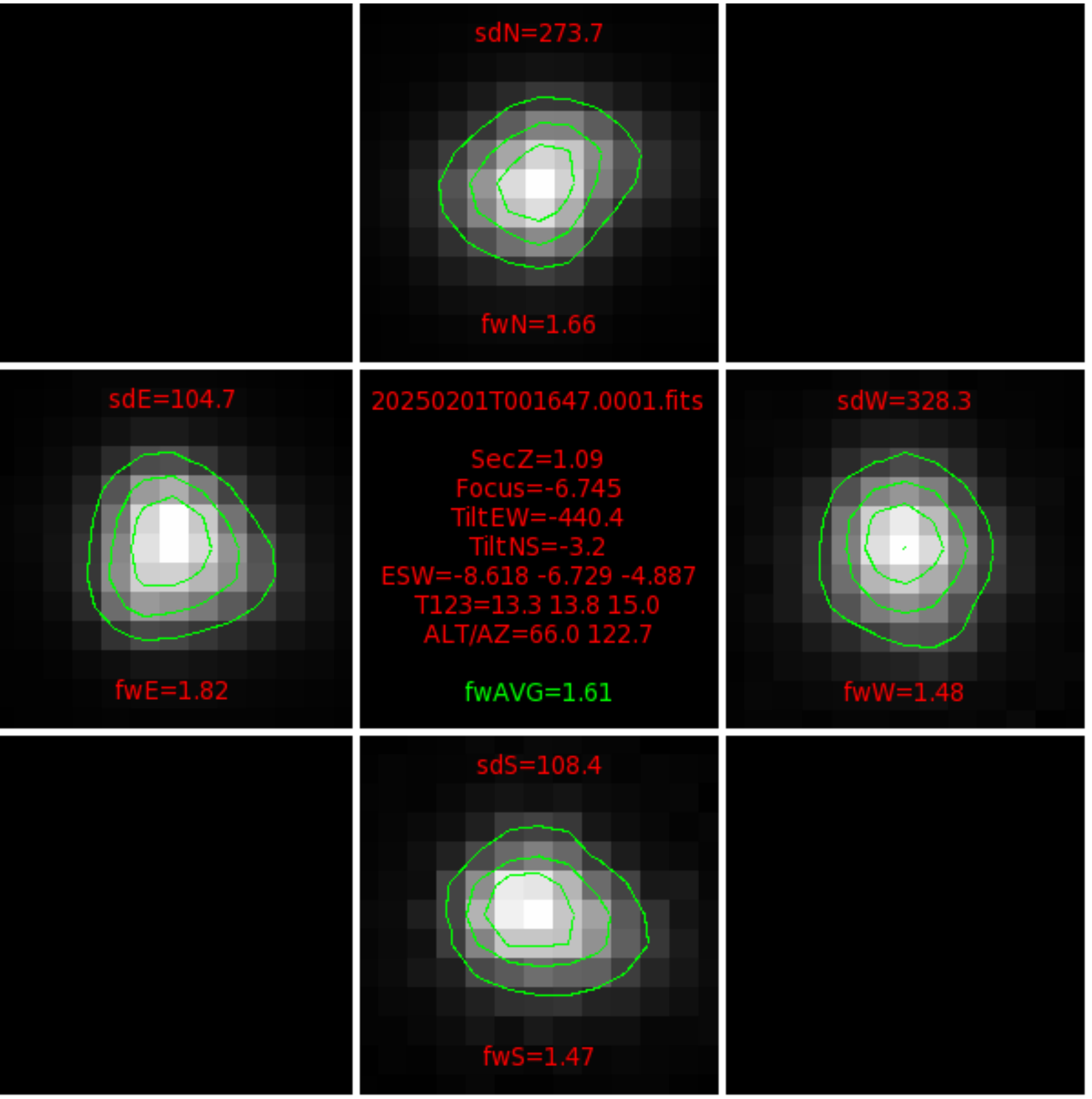
sdN=273.7
fwN=1.66
sdE=104.7
fwE=1.82
20250201T001647.0001.fits
SecZ=1.09
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.3 13.8 15.0
ALT/AZ=66.0 122.7
fwAVG=1.61
sdW=328.3
fwW=1.48
sdS=108.4
fwS=1.47
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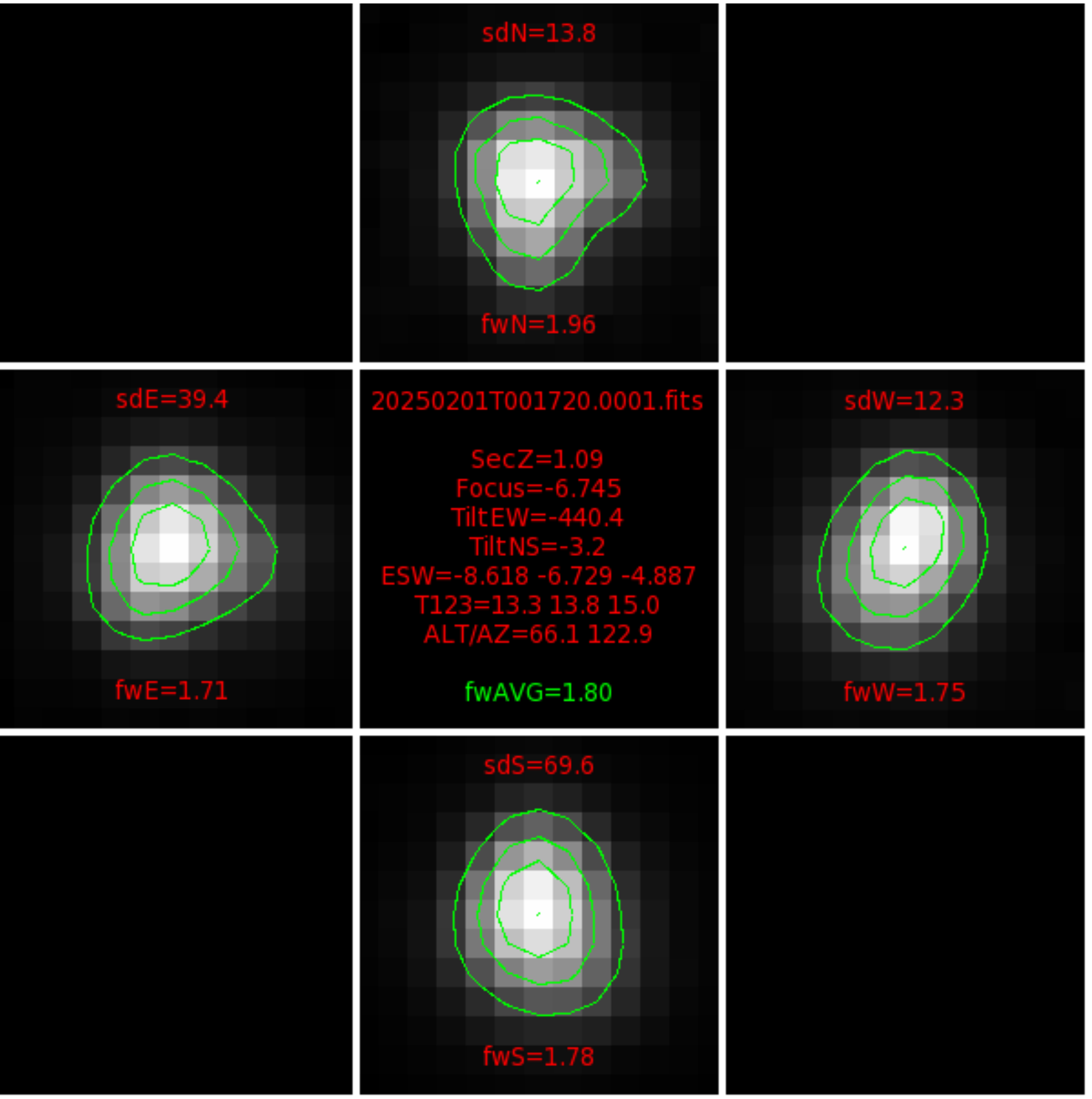
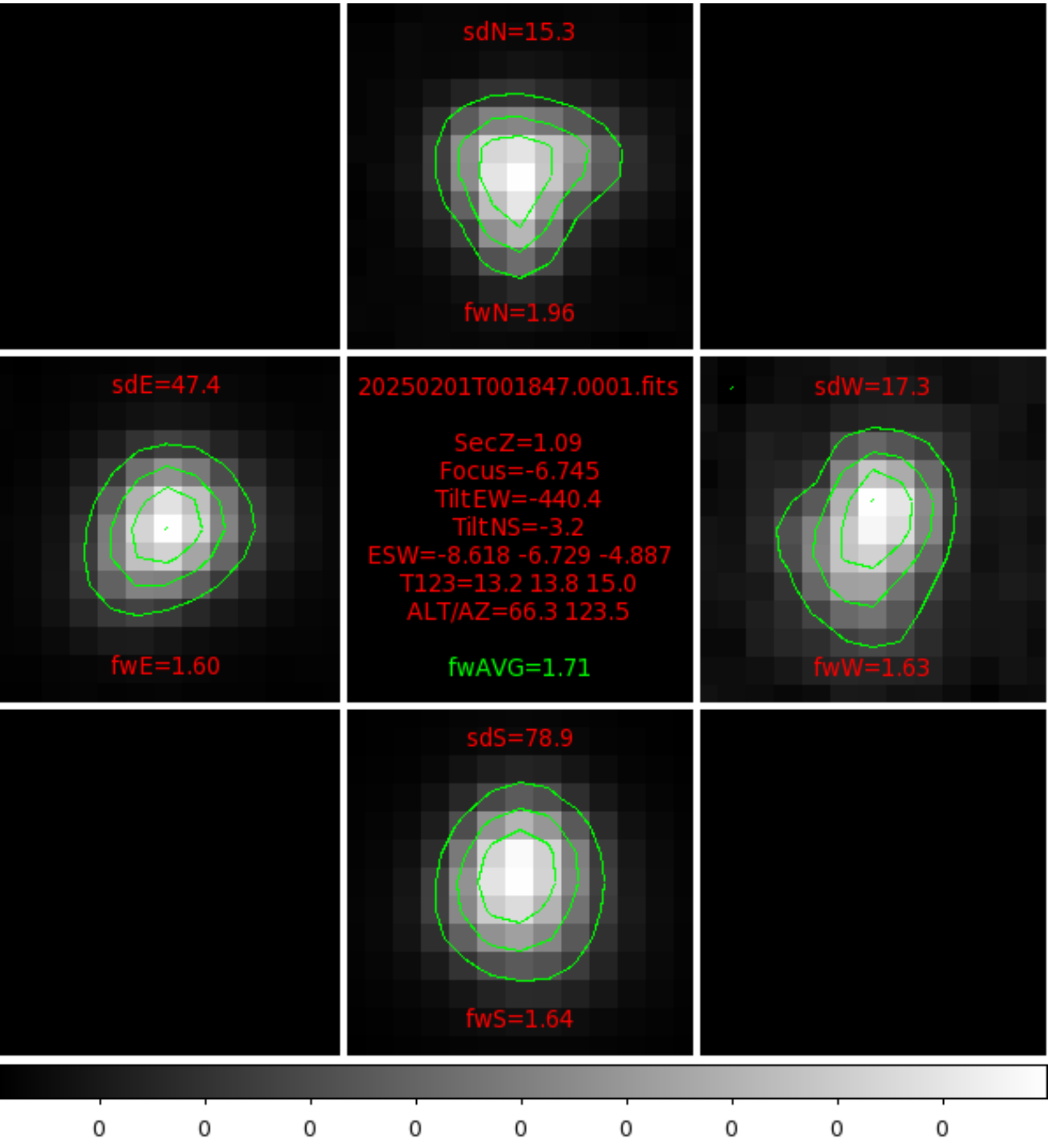

sdN=13.8
fwN=1.96
sdE=39.4
fwE=1.71
20250201T001720.0001.fits
SecZ=1.09
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.3 13.8 15.0
ALT/AZ=66.1 122.9
fwAVG=1.80
sdW=12.3
fwW=1.75
sdS=69.6
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=15.3
fwN=1.96
sdE=47.4
fwE=1.60
20250201T001847.0001.fits
SecZ=1.09
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.2 13.8 15.0
ALT/AZ=66.3 123.5
fwAVG=1.71
sdW=17.3
fwW=1.63
sdS=78.9
fwS=1.64
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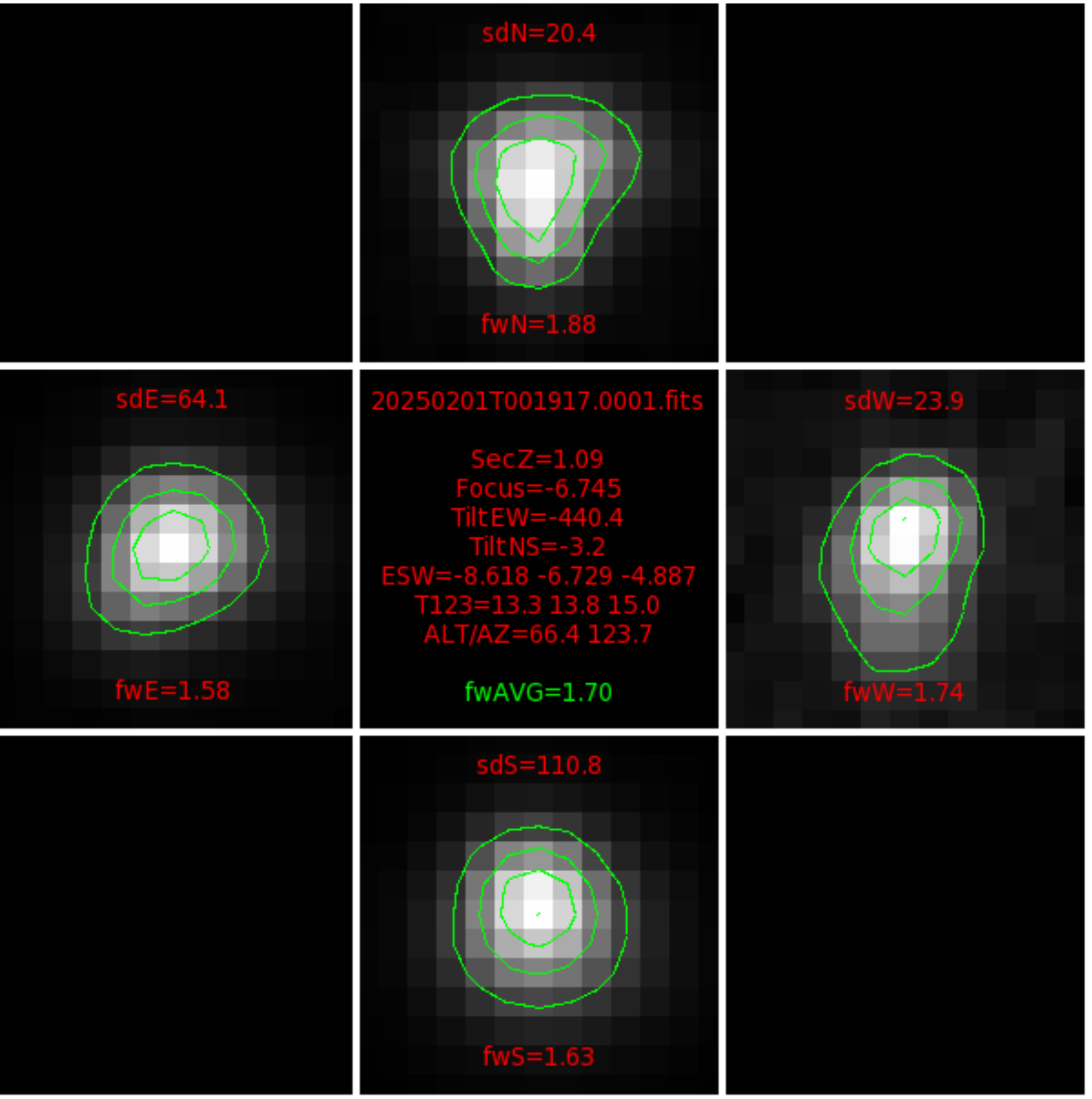
sdN=20.4
fwN=1.88
sdE=64.1
fwE=1.58
20250201T001917.0001.fits
SecZ=1.09
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.3 13.8 15.0
ALT/AZ=66.4 123.7
fwAVG=1.70
sdW=23.9
fwW=1.74
sdS=110.8
fwS=1.63
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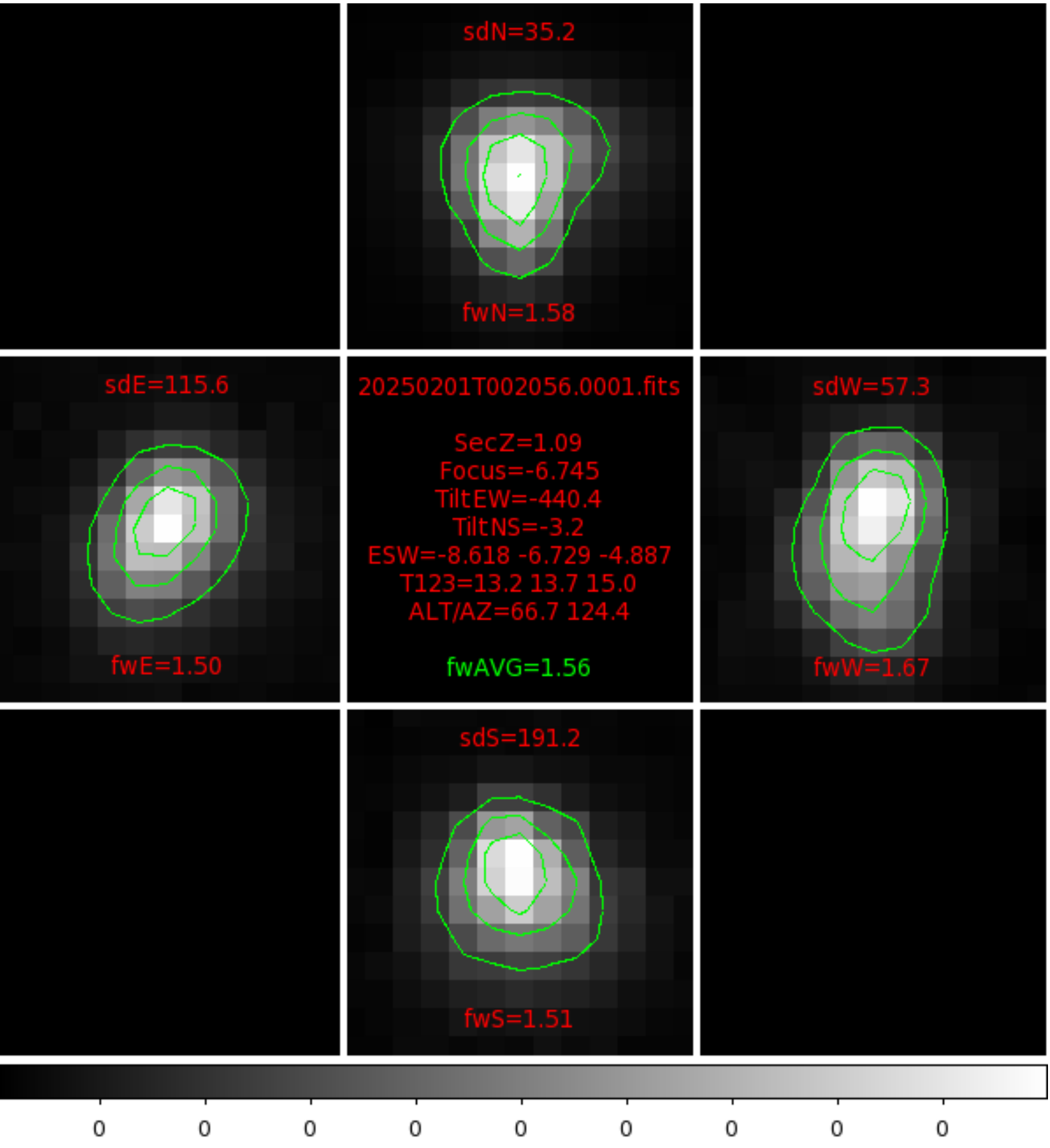
sdN=35.2
fwN=1.58
sdE=115.6
fwE=1.50
20250201T002056.0001.fits
SecZ=1.09
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.2 13.7 15.0
ALT/AZ=66.7 124.4
fwAVG=1.56
sdW=57.3
fwW=1.67
sdS=191.2
fwS=1.51
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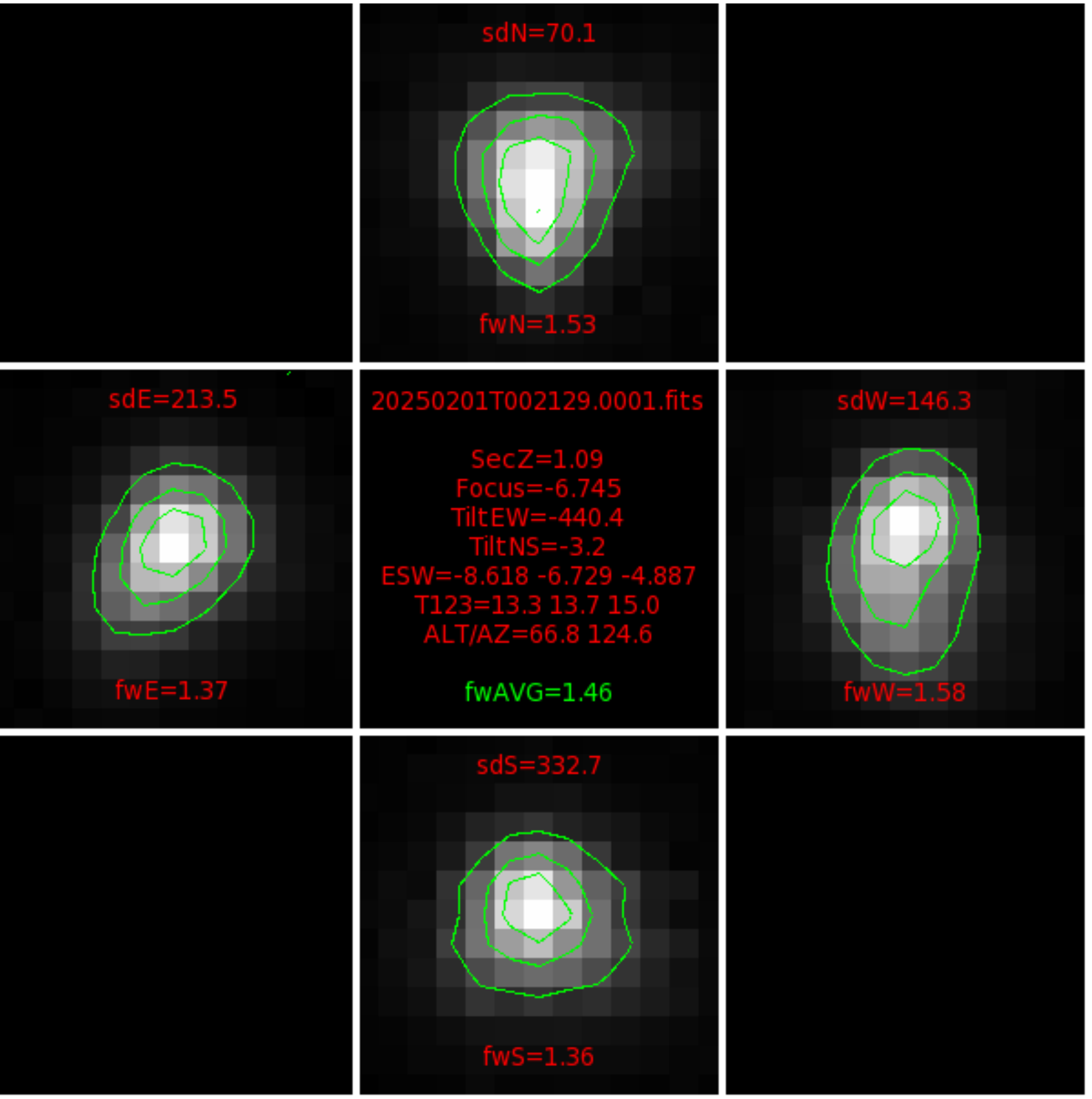
sdN=70.1
fwN=1.53
sdE=213.5
fwE=1.37
20250201T002129.0001.fits
SecZ=1.09
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.3 13.7 15.0
ALT/AZ=66.8 124.6
fwAVG=1.46
sdW=146.3
fwW=1.58
sdS=332.7
fwS=1.36
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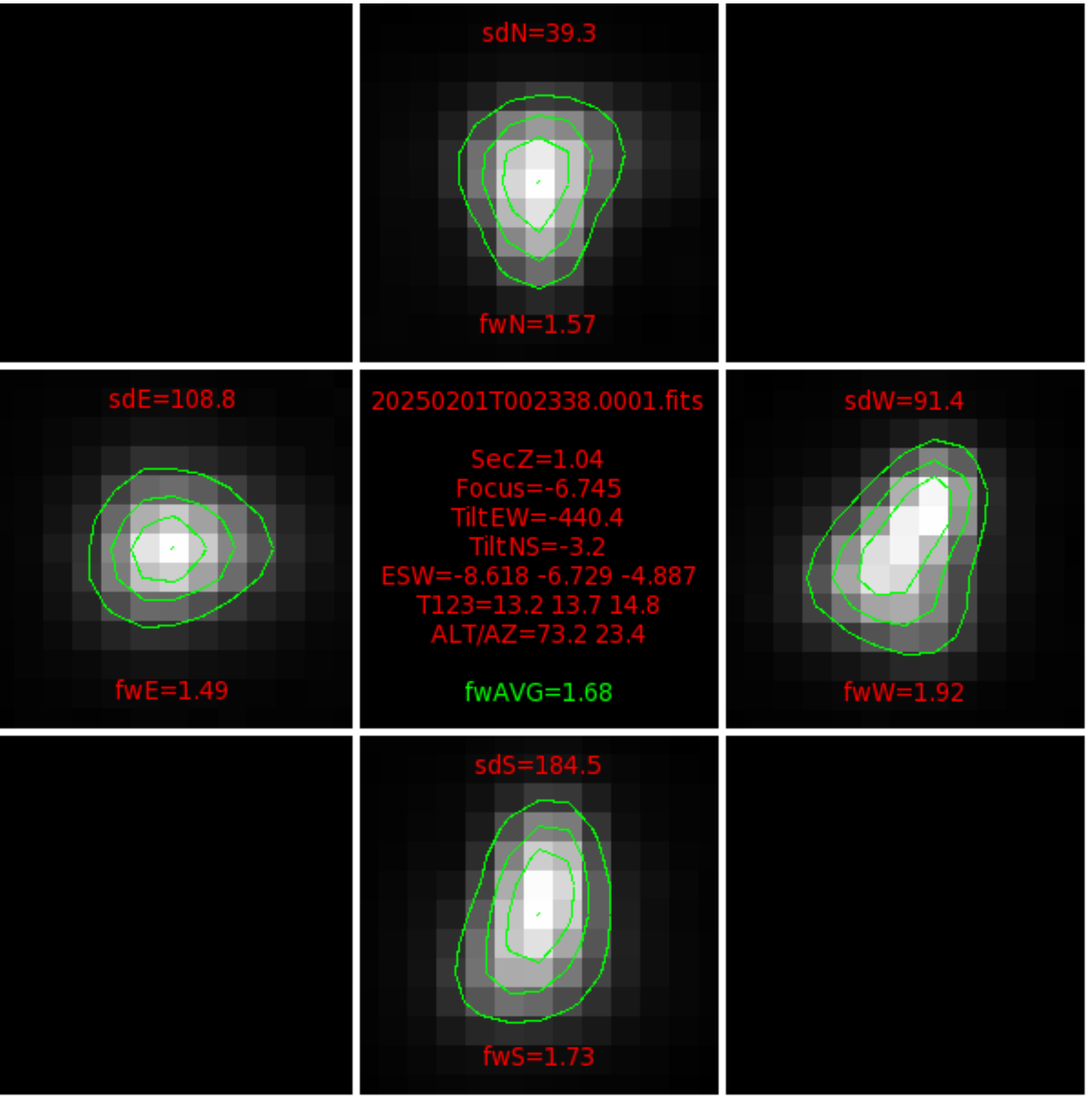
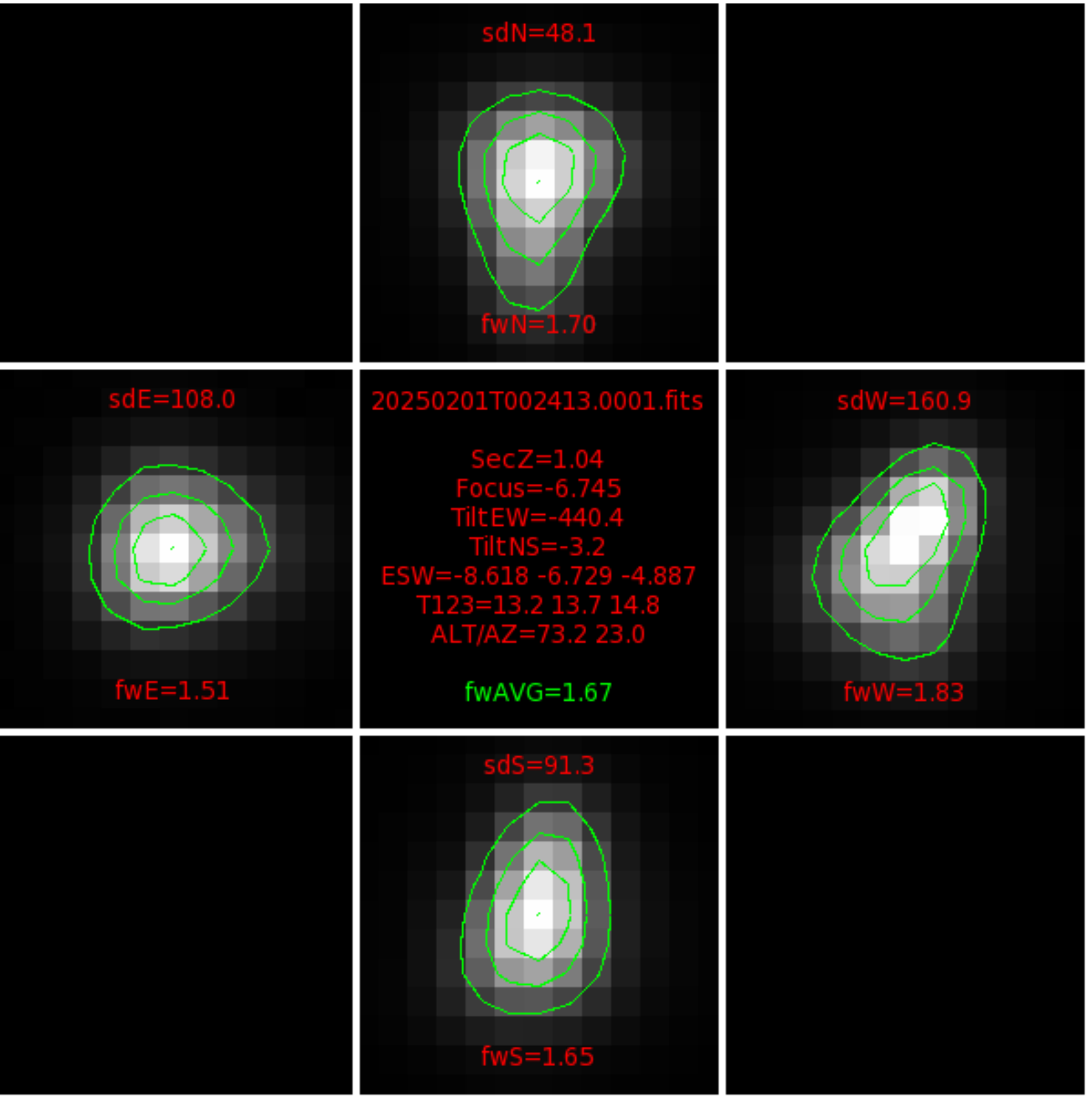
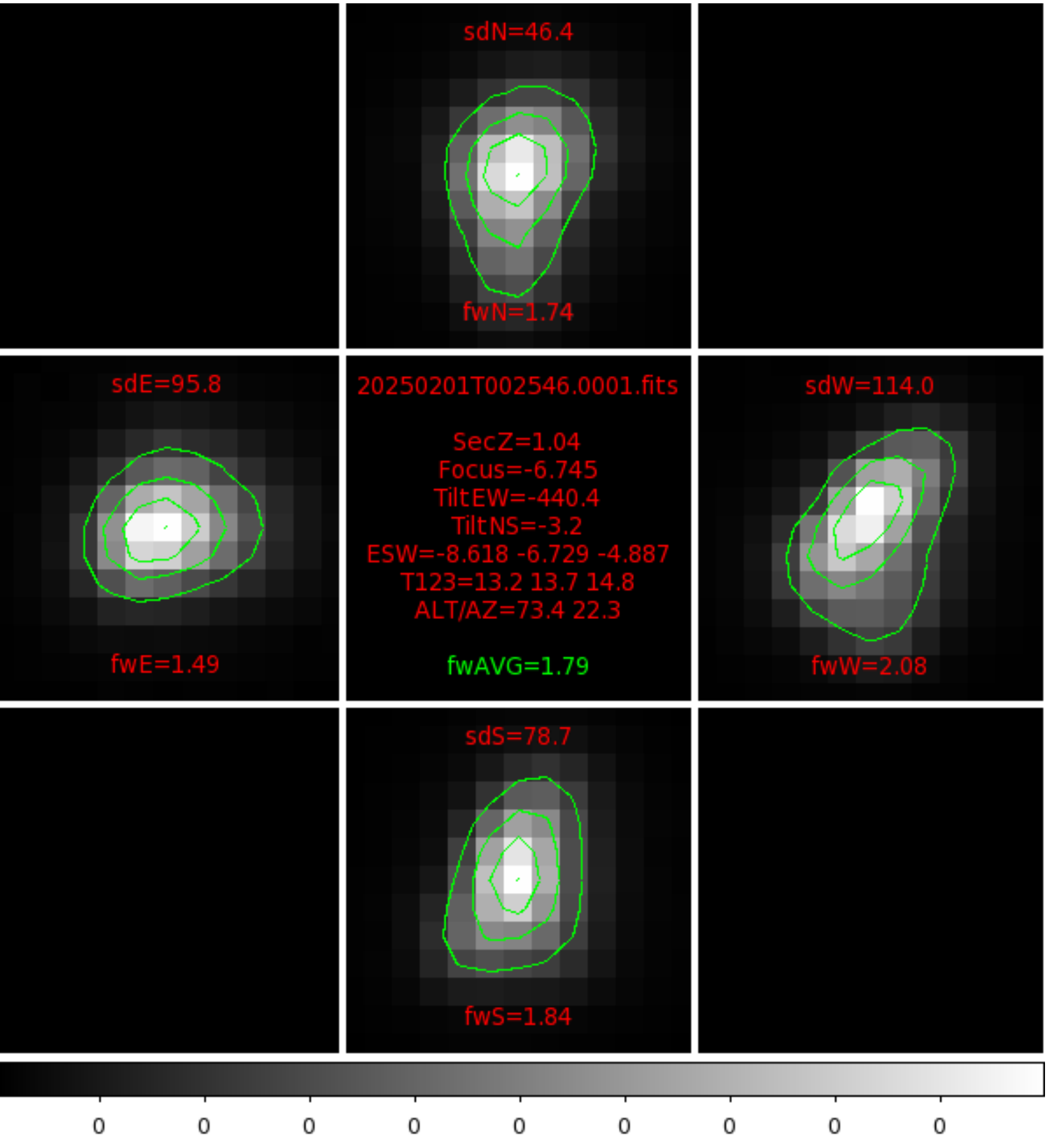
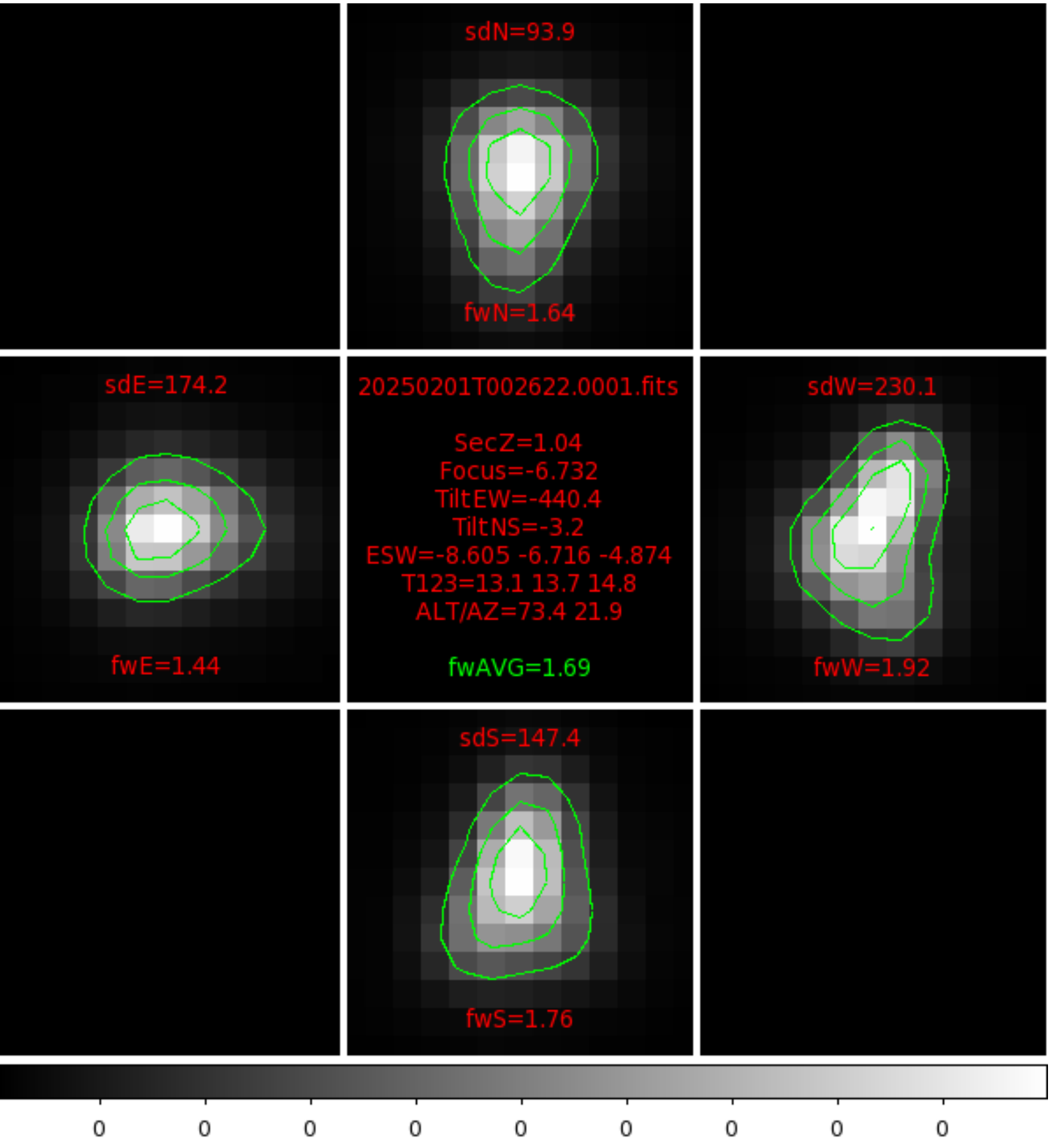
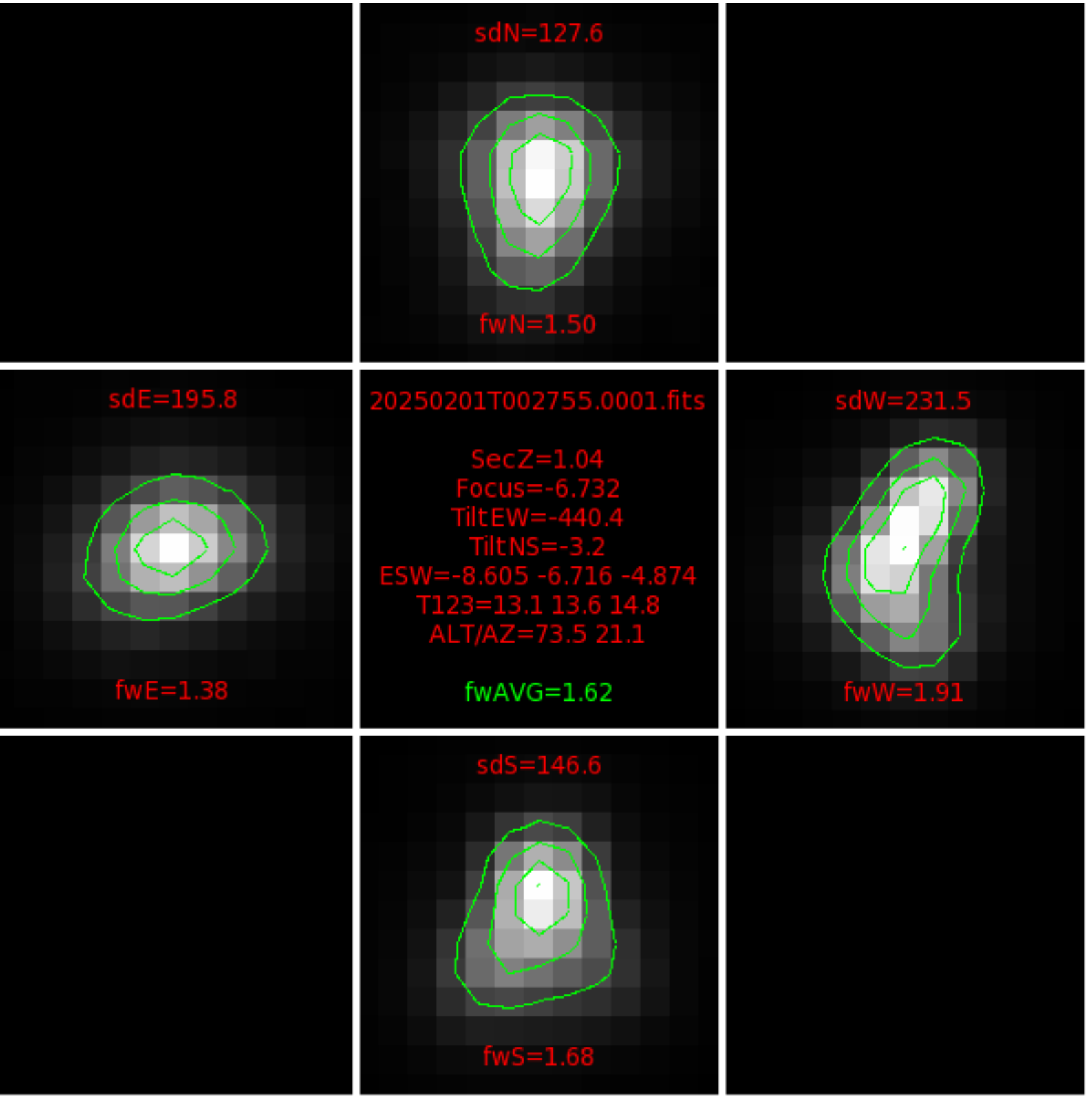
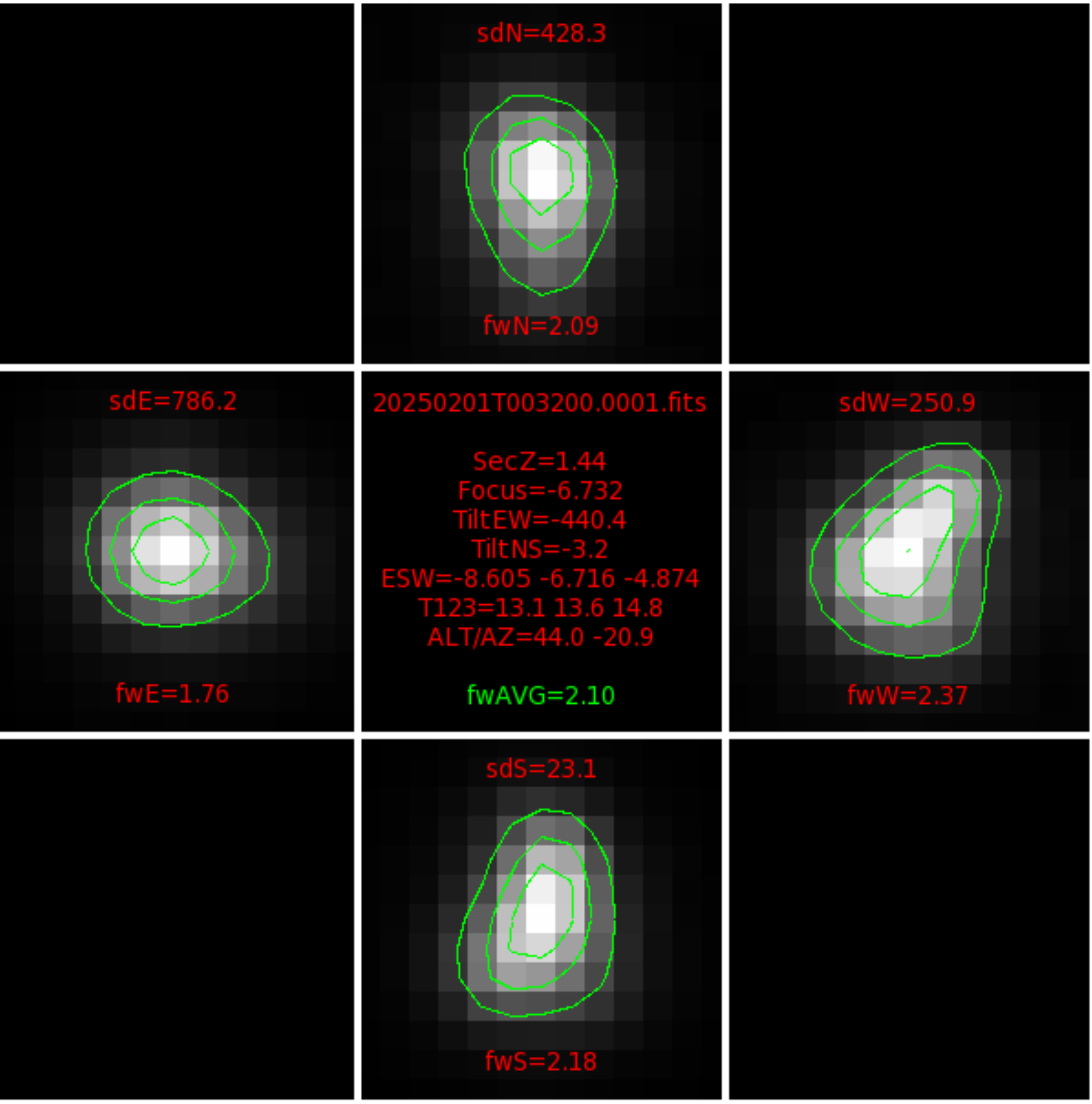

sdN=39.3
fwN=1.57
sdE=108.8
fwE=1.49
20250201T002338.0001.fits
SecZ=1.04
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.2 13.7 14.8
ALT/AZ=73.2 23.4
fwAVG=1.68
sdW=91.4
fwW=1.92
sdS=184.5
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=48.1
fwN=1.70
sdE=108.0
fwE=1.51
20250201T002413.0001.fits
SecZ=1.04
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.2 13.7 14.8
ALT/AZ=73.2 23.0
fwAVG=1.67
sdW=160.9
fwW=1.83
sdS=91.3
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=46.4
fwN=1.74
sdE=95.8
fwE=1.49
20250201T002546.0001.fits
SecZ=1.04
Focus=-6.745
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.618 -6.729 -4.887
T123=13.2 13.7 14.8
ALT/AZ=73.4 22.3
fwAVG=1.79
sdW=114.0
fwW=2.08
sdS=78.7
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=93.9
fwN=1.64
sdE=174.2
fwE=1.44
20250201T002622.0001.fits
SecZ=1.04
Focus=-6.732
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.605 -6.716 -4.874
T123=13.1 13.7 14.8
ALT/AZ=73.4 21.9
fwAVG=1.69
sdW=230.1
fwW=1.92
sdS=147.4
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=127.6
fwN=1.50
sdE=195.8
fwE=1.38
20250201T002755.0001.fits
SecZ=1.04
Focus=-6.732
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.605 -6.716 -4.874
T123=13.1 13.6 14.8
ALT/AZ=73.5 21.1
fwAVG=1.62
sdW=231.5
fwW=1.91
sdS=146.6
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=428.3
fwN=2.09
sdE=786.2
fwE=1.76
20250201T003200.0001.fits
SecZ=1.44
Focus=-6.732
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.605 -6.716 -4.874
T123=13.1 13.6 14.8
ALT/AZ=44.0 -20.9
fwAVG=2.10
sdW=250.9
fwW=2.37
sdS=23.1
fwS=2.18
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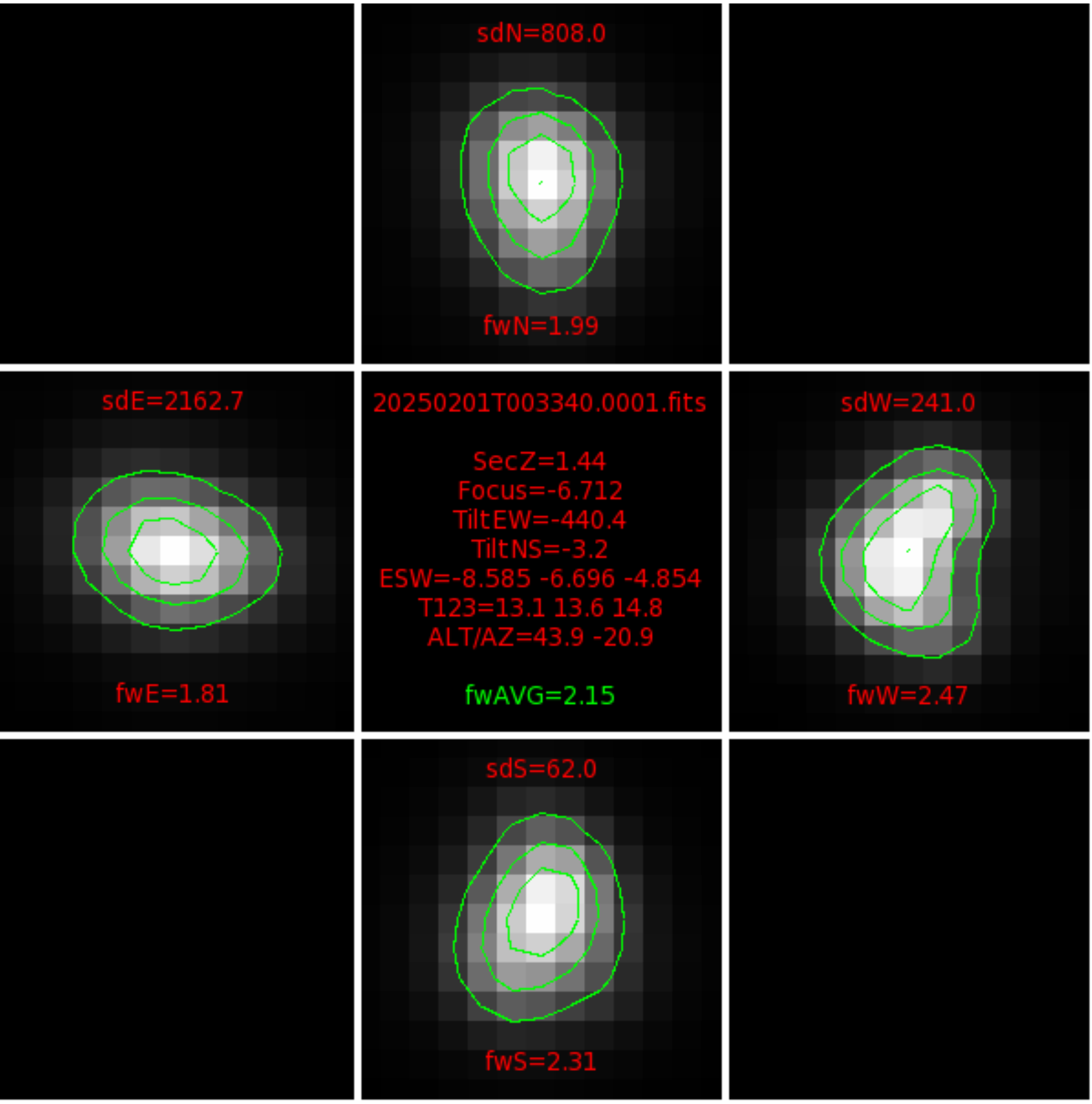
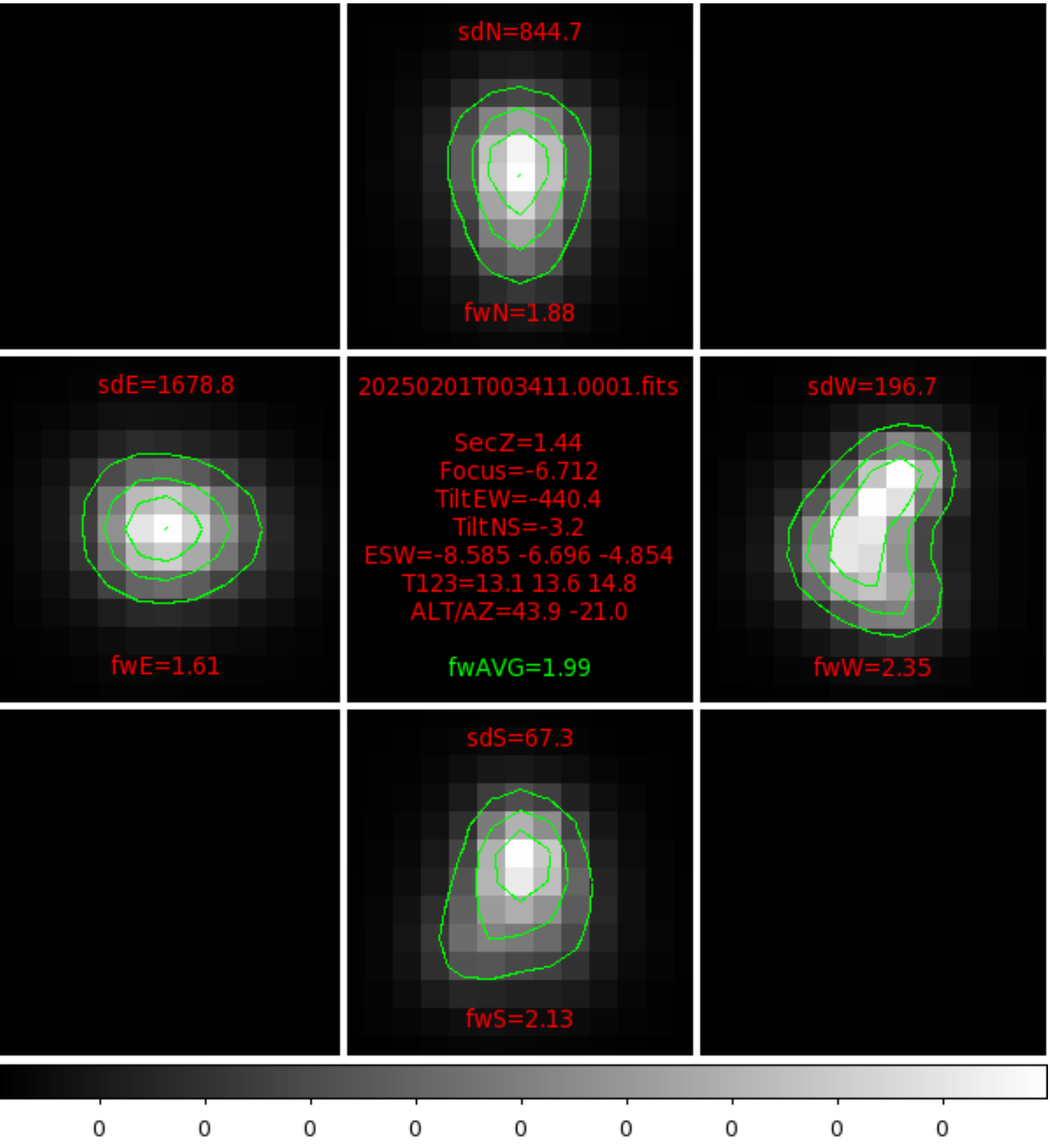
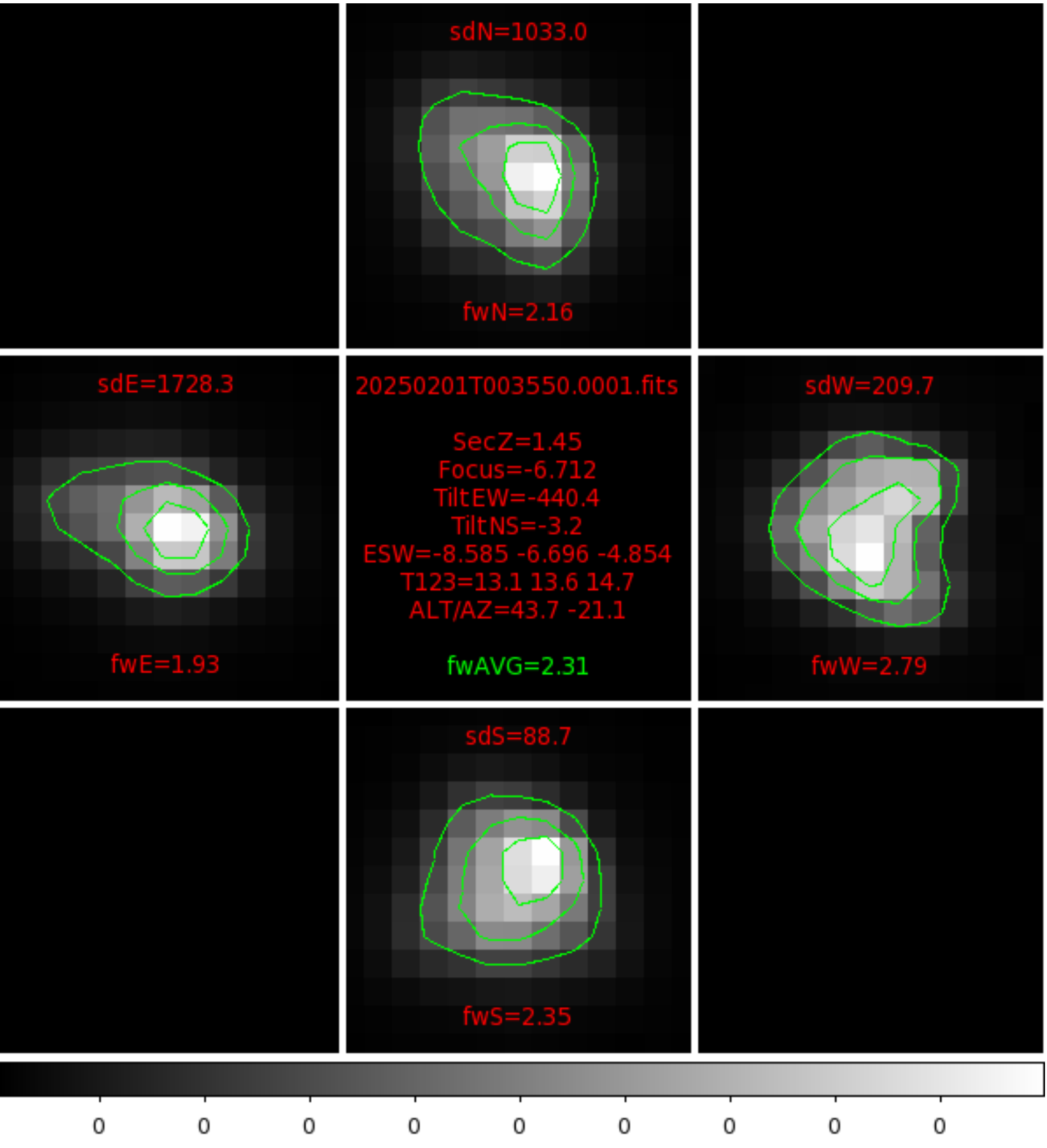
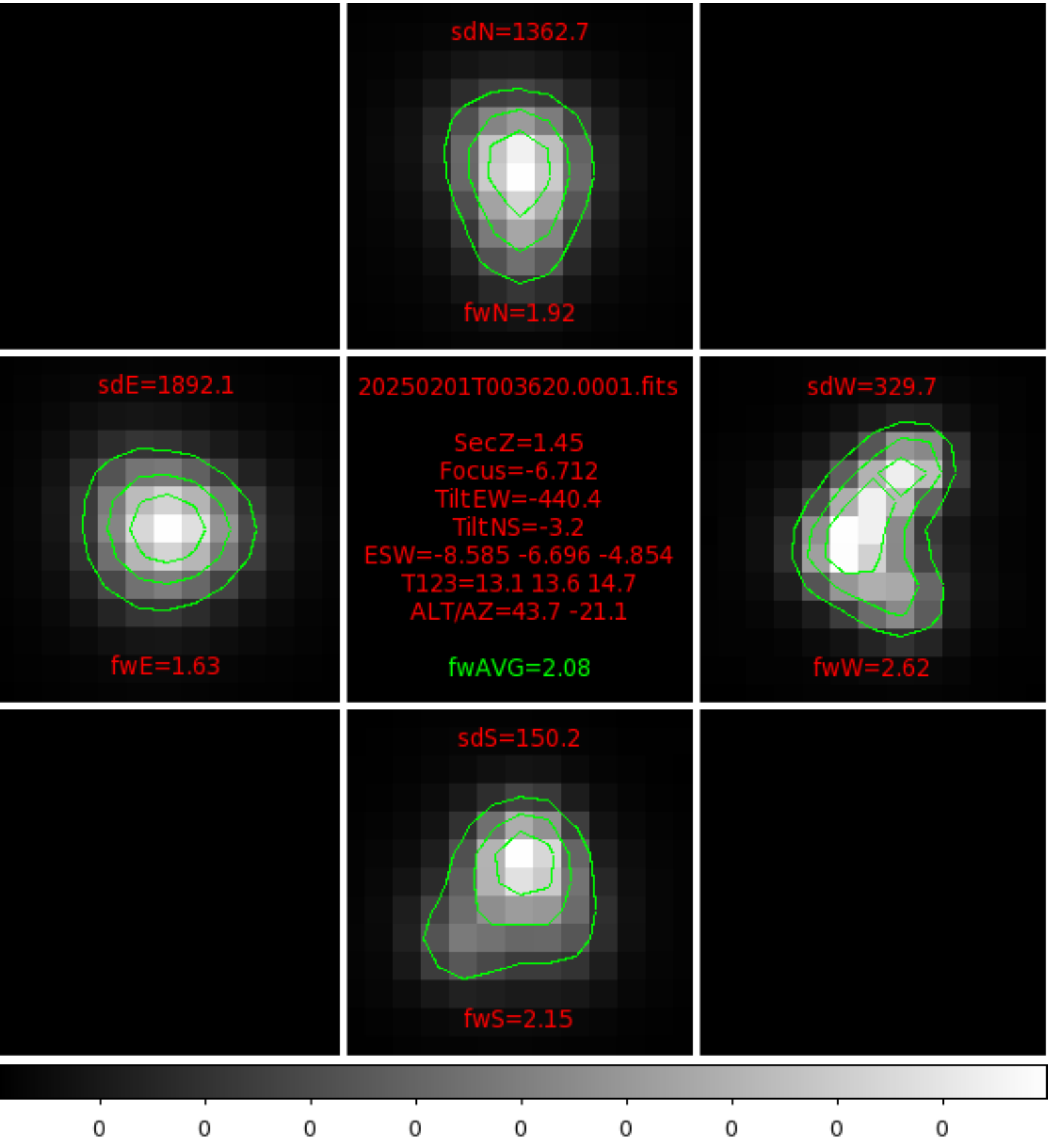

sdN=808.0
fwN=1.99
sdE=2162.7
fwE=1.81
20250201T003340.0001.fits
SecZ=1.44
Focus=-6.712
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.585 -6.696 -4.854
T123=13.1 13.6 14.8
ALT/AZ=43.9 -20.9
fwAVG=2.15
sdW=241.0
fwW=2.47
sdS=62.0
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=844.7
fwN=1.88
sdE=1678.8
fwE=1.61
20250201T003411.0001.fits
SecZ=1.44
Focus=-6.712
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.585 -6.696 -4.854
T123=13.1 13.6 14.8
ALT/AZ=43.9 -21.0
fwAVG=1.99
sdW=196.7
fwW=2.35
sdS=67.3
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=1033.0
fwN=2.16
sdE=1728.3
fwE=1.93
20250201T003550.0001.fits
SecZ=1.45
Focus=-6.712
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.585 -6.696 -4.854
T123=13.1 13.6 14.7
ALT/AZ=43.7 -21.1
fwAVG=2.31
sdW=209.7
fwW=2.79
sdS=88.7
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=1362.7
fwN=1.92
sdE=1892.1
fwE=1.63
20250201T003620.0001.fits
SecZ=1.45
Focus=-6.712
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.585 -6.696 -4.854
T123=13.1 13.6 14.7
ALT/AZ=43.7 -21.1
fwAVG=2.08
sdW=329.7
fwW=2.62
sdS=150.2
fwS=2.15
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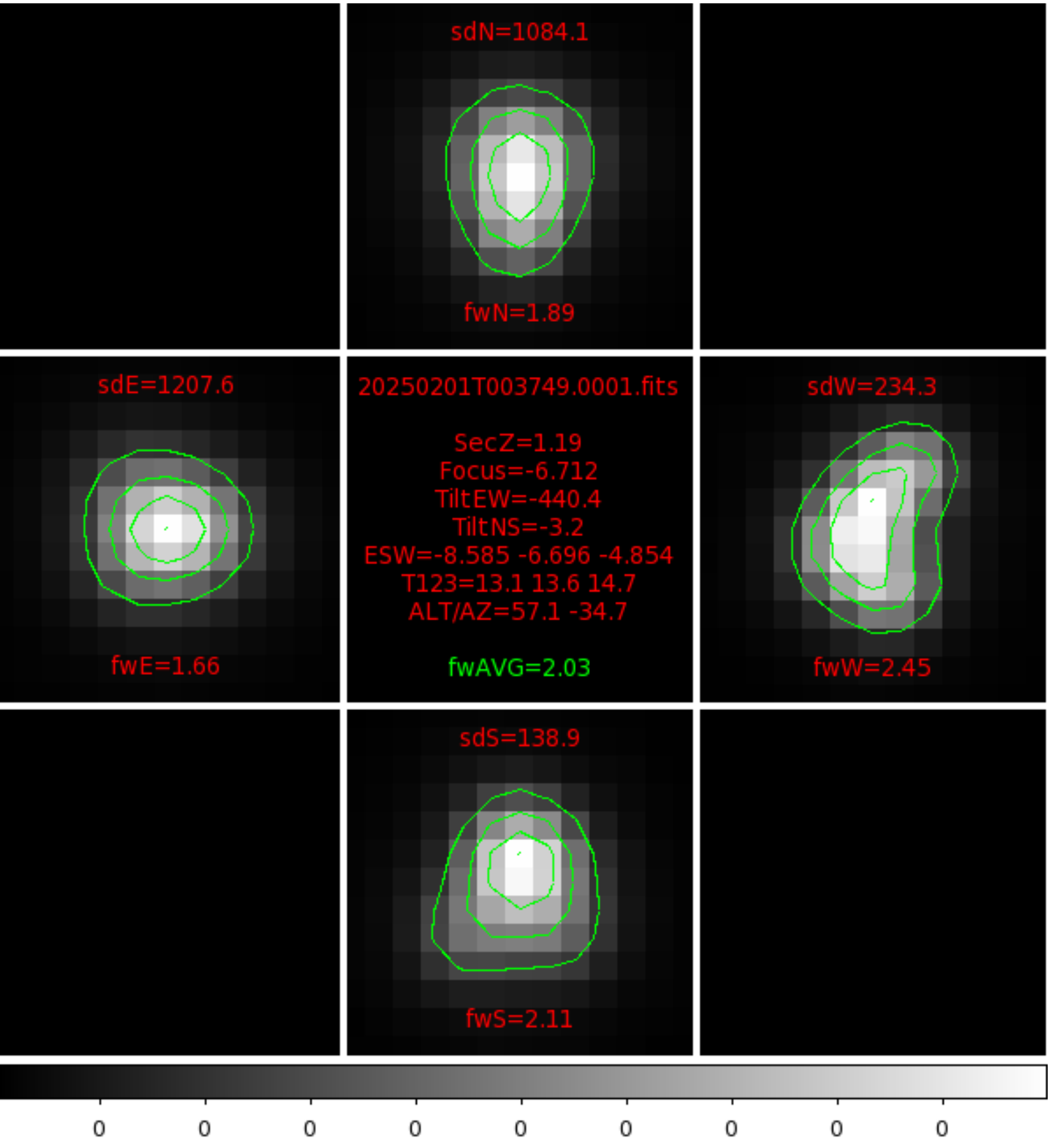
sdN=1084.1
fwN=1.89
sdE=1207.6
fwE=1.66
20250201T003749.0001.fits
SecZ=1.19
Focus=-6.712
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.585 -6.696 -4.854
T123=13.1 13.6 14.7
ALT/AZ=57.1 -34.7
fwAVG=2.03
sdW=234.3
fwW=2.45
sdS=138.9
fwS=2.11
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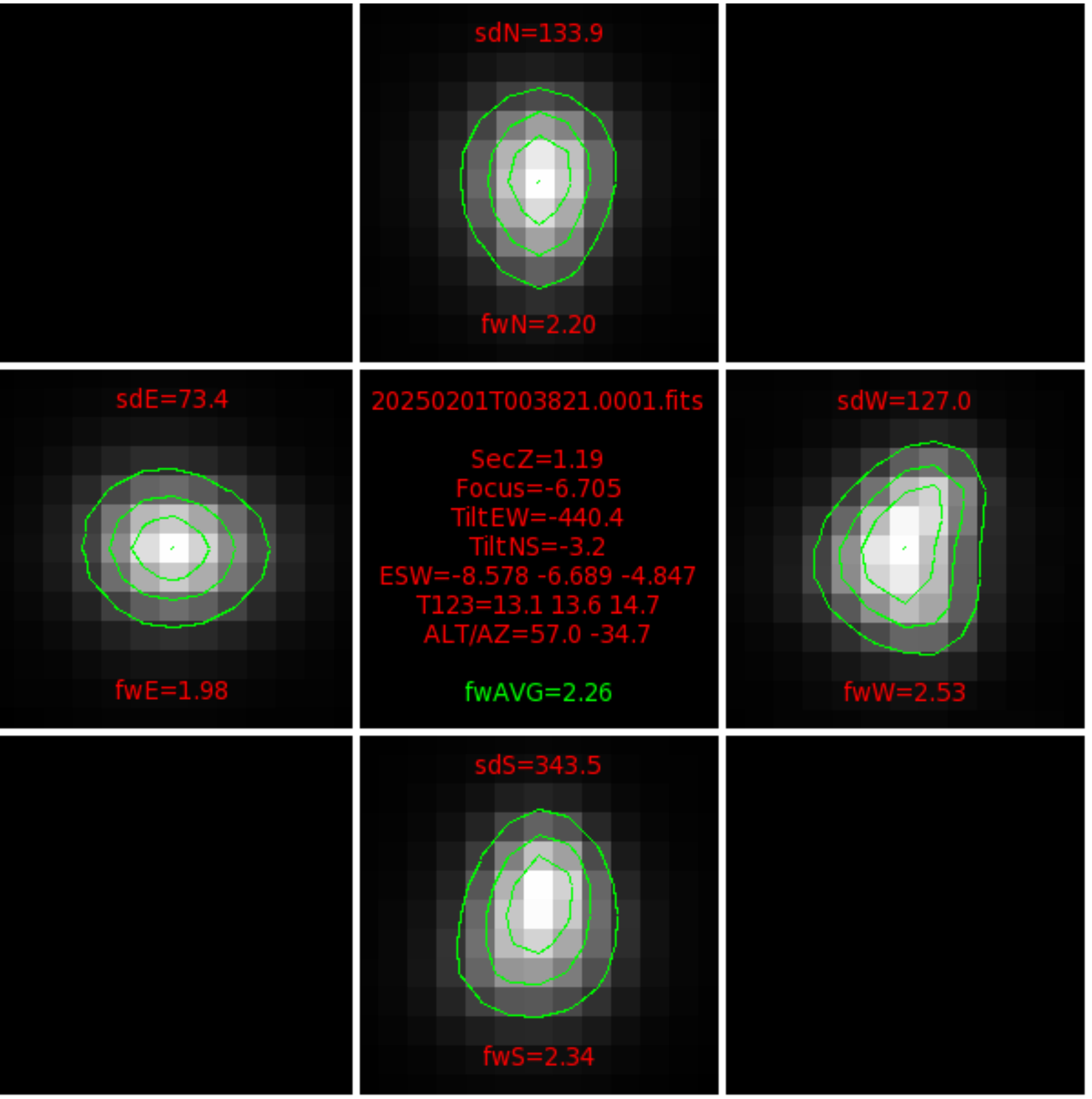
sdN=133.9
fwN=2.20
sdE=73.4
fwE=1.98
20250201T003821.0001.fits
SecZ=1.19
Focus=-6.705
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.578 -6.689 -4.847
T123=13.1 13.6 14.7
ALT/AZ=57.0 -34.7
fwAVG=2.26
sdW=127.0
fwW=2.53
sdS=343.5
fwS=2.34
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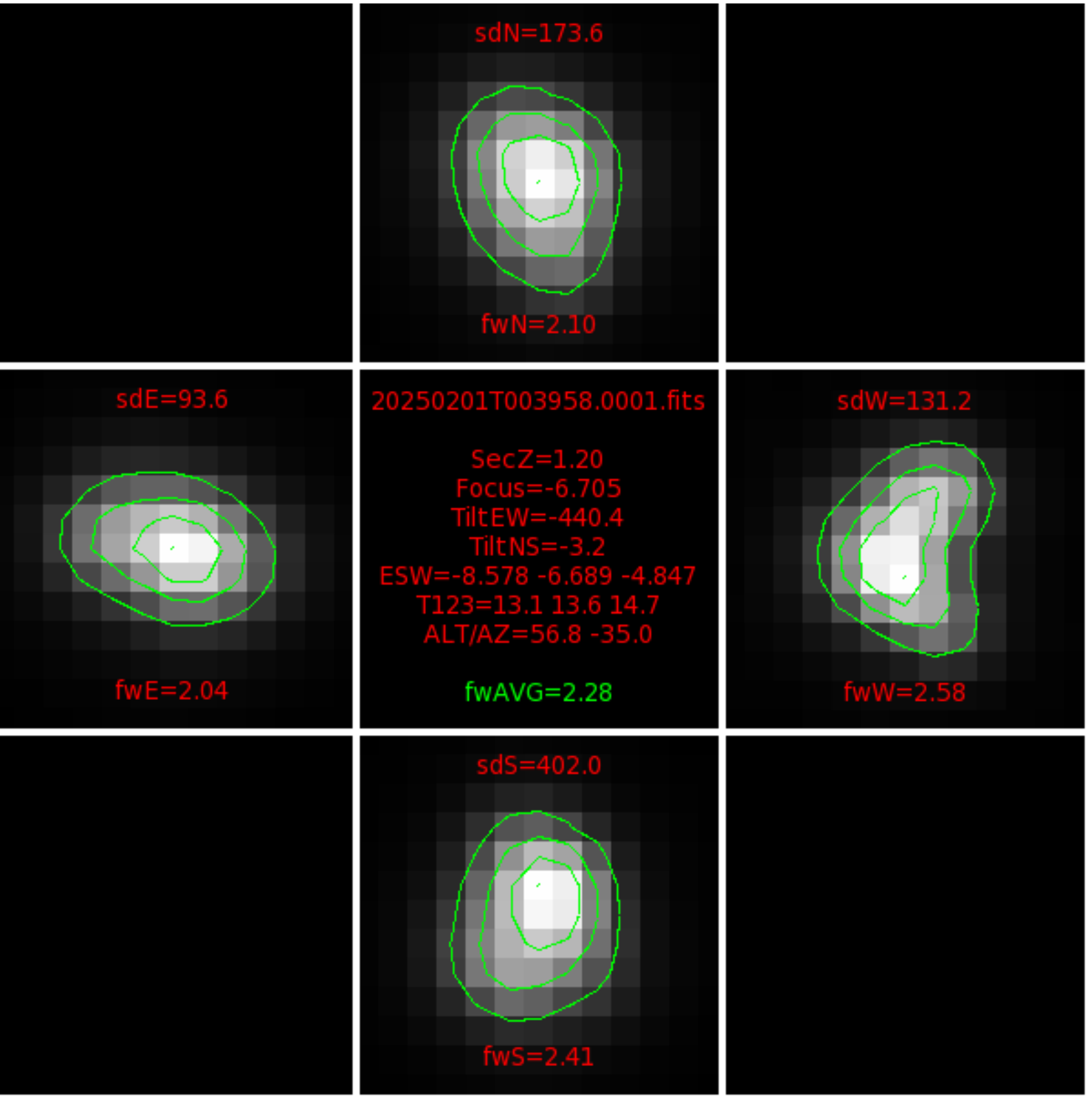
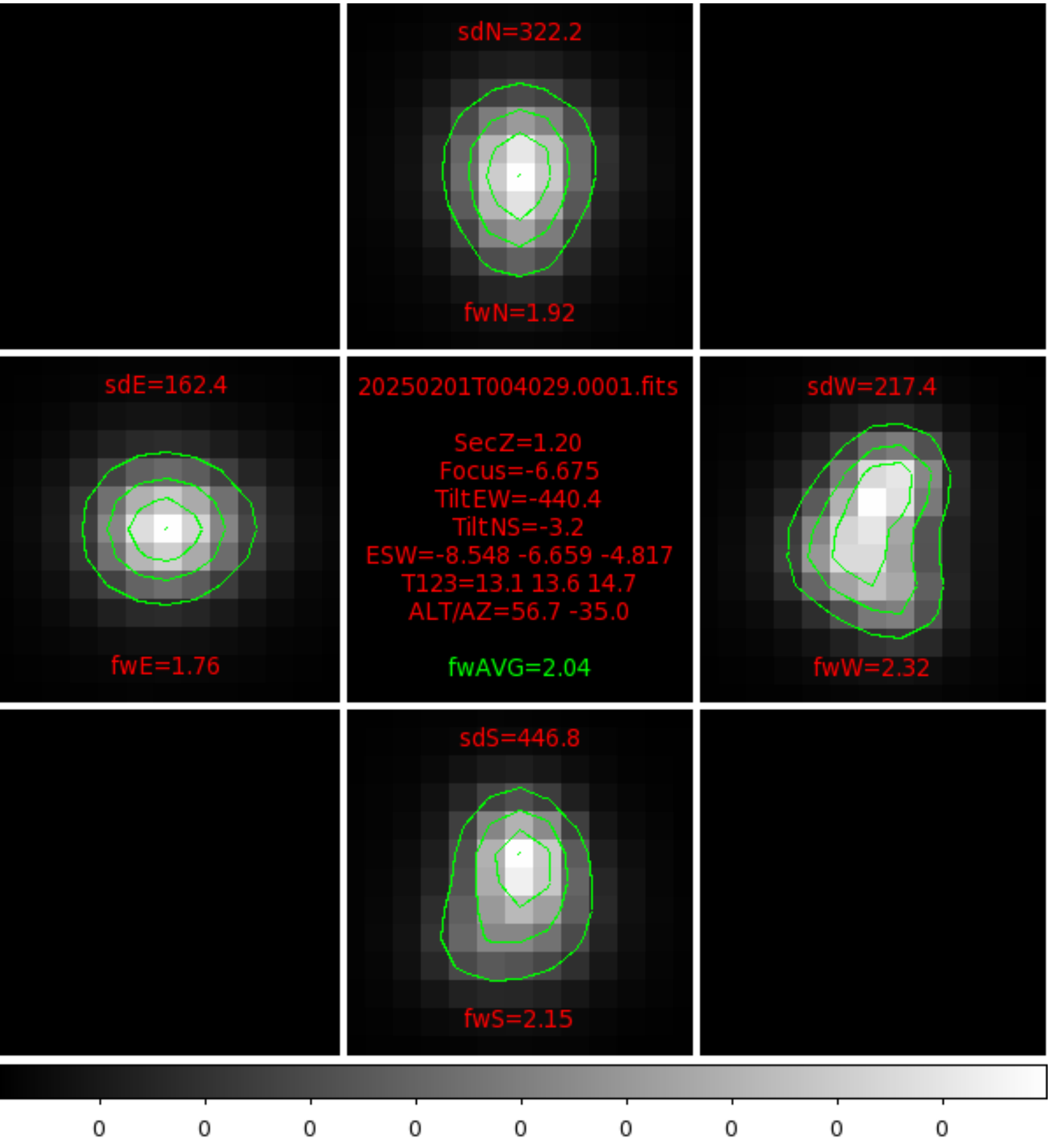

sdN=173.6
fwN=2.10
sdE=93.6
fwE=2.04
20250201T003958.0001.fits
SecZ=1.20
Focus=-6.705
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.578 -6.689 -4.847
T123=13.1 13.6 14.7
ALT/AZ=56.8 -35.0
fwAVG=2.28
sdW=131.2
fwW=2.58
sdS=402.0
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=322.2
fwN=1.92
sdE=162.4
fwE=1.76
20250201T004029.0001.fits
SecZ=1.20
Focus=-6.675
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.548 -6.659 -4.817
T123=13.1 13.6 14.7
ALT/AZ=56.7 -35.0
fwAVG=2.04
sdW=217.4
fwW=2.32
sdS=446.8
fwS=2.15
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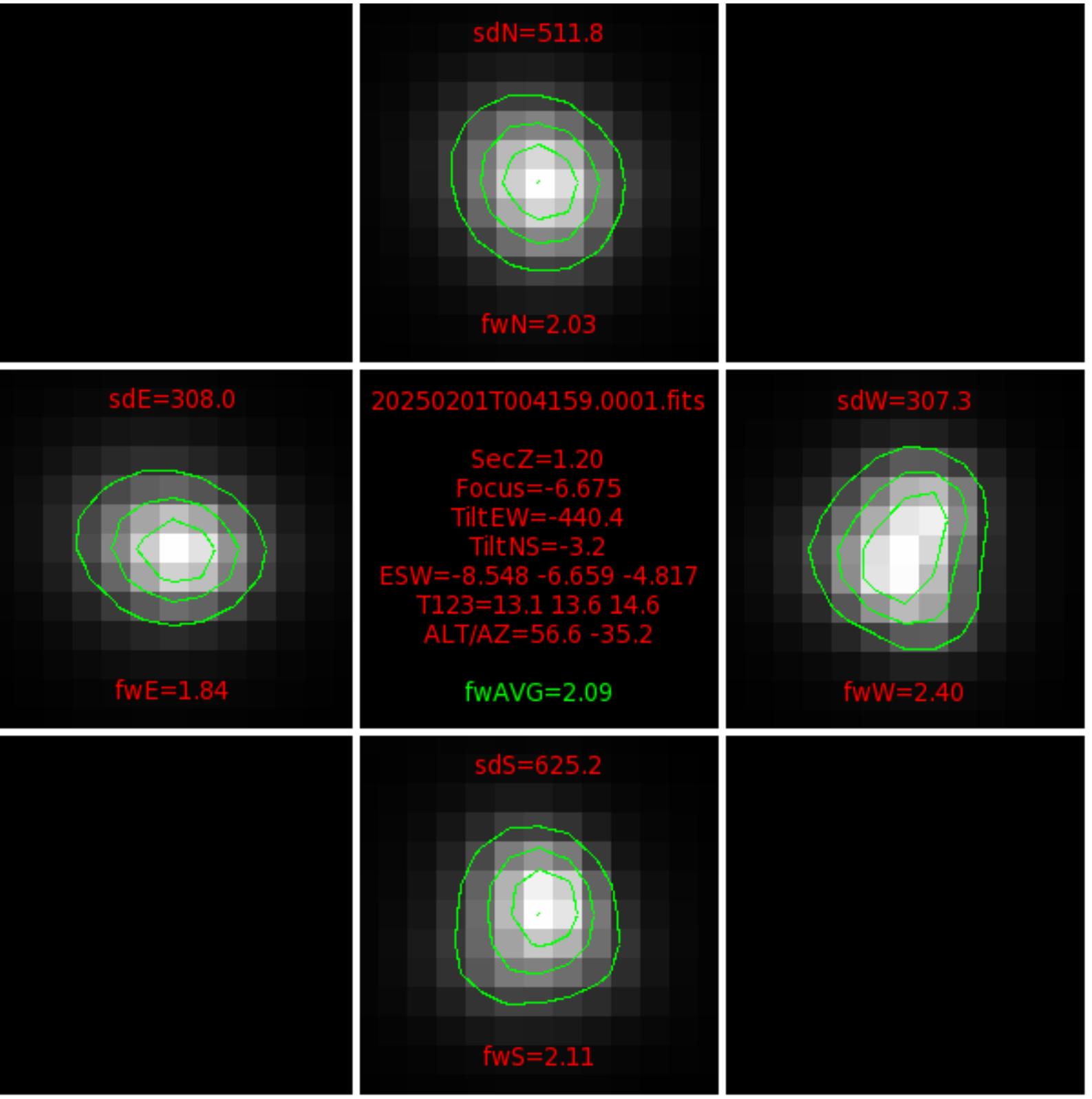
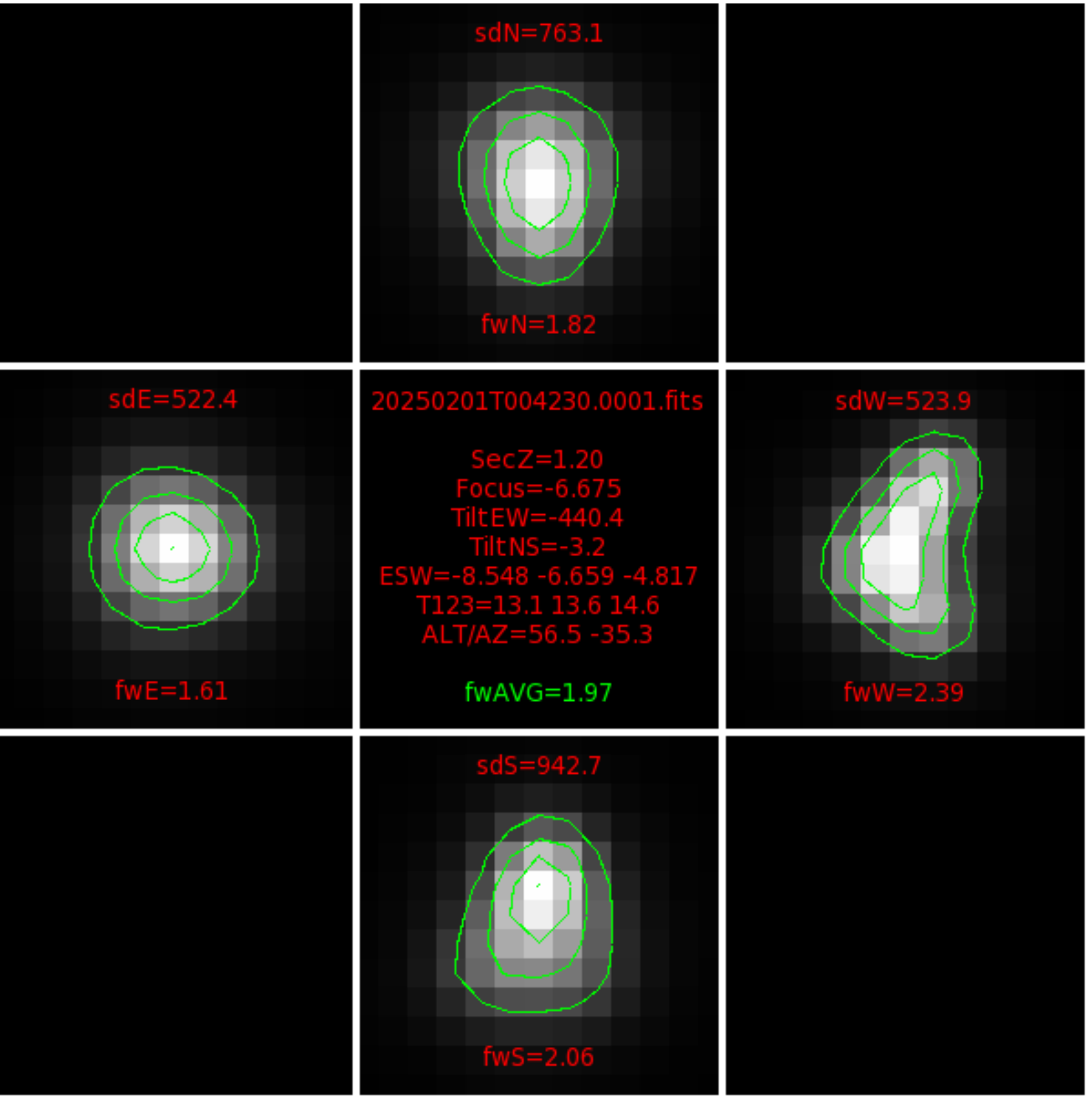

sdN=511.8
fwN=2.03
sdE=308.0
fwE=1.84
20250201T004159.0001.fits
SecZ=1.20
Focus=-6.675
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.548 -6.659 -4.817
T123=13.1 13.6 14.6
ALT/AZ=56.6 -35.2
fwAVG=2.09
sdW=307.3
fwW=2.40
sdS=625.2
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=763.1
fwN=1.82
sdE=522.4
fwE=1.61
20250201T004230.0001.fits
SecZ=1.20
Focus=-6.675
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.548 -6.659 -4.817
T123=13.1 13.6 14.6
ALT/AZ=56.5 -35.3
fwAVG=1.97
sdW=523.9
fwW=2.39
sdS=942.7
fwS=2.06
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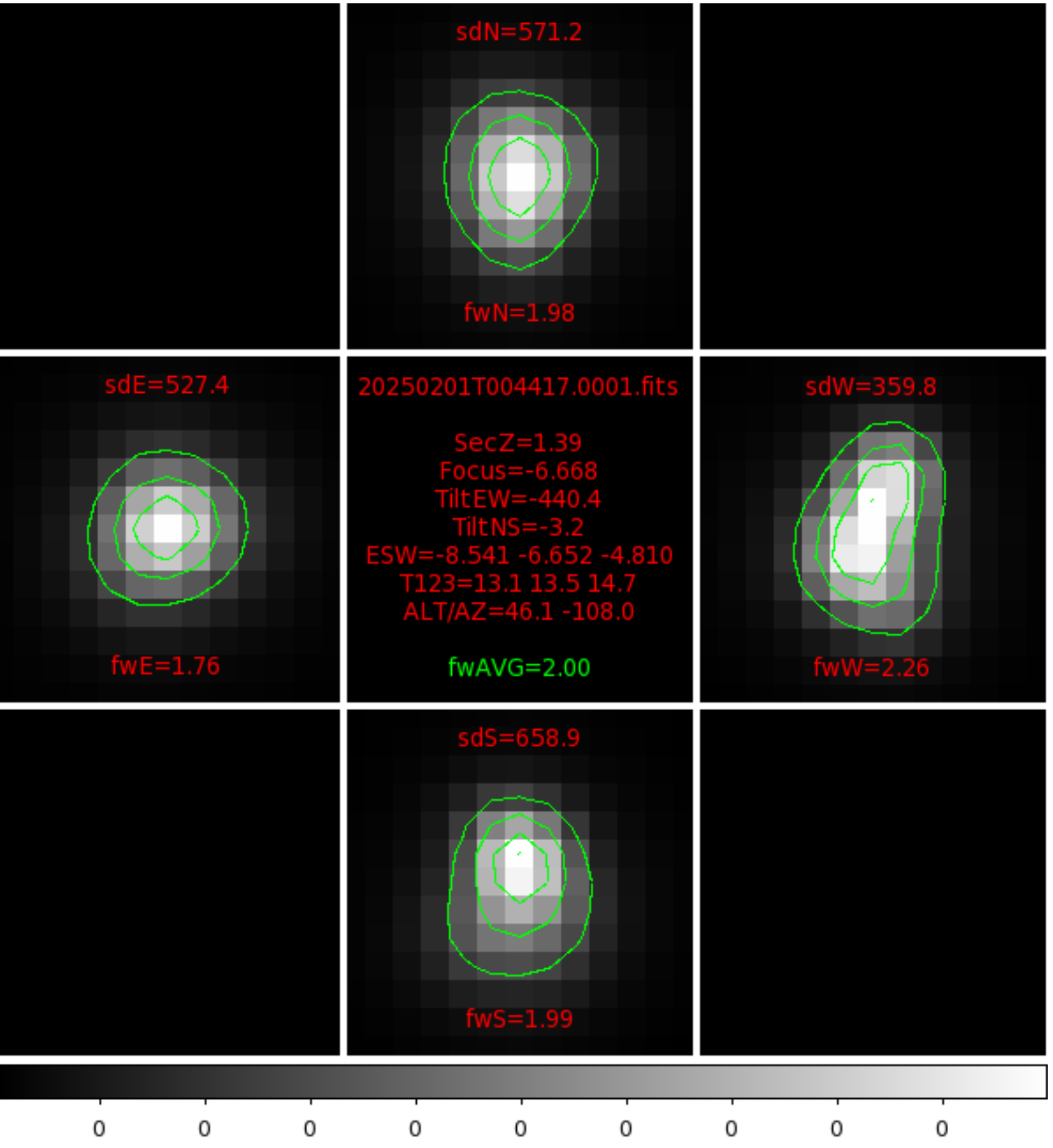
sdN=571.2
fwN=1.98
sdE=527.4
fwE=1.76
20250201T004417.0001.fits
SecZ=1.39
Focus=-6.668
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.541 -6.652 -4.810
T123=13.1 13.5 14.7
ALT/AZ=46.1 -108.0
fwAVG=2.00
sdW=359.8
fwW=2.26
sdS=658.9
fwS=1.99
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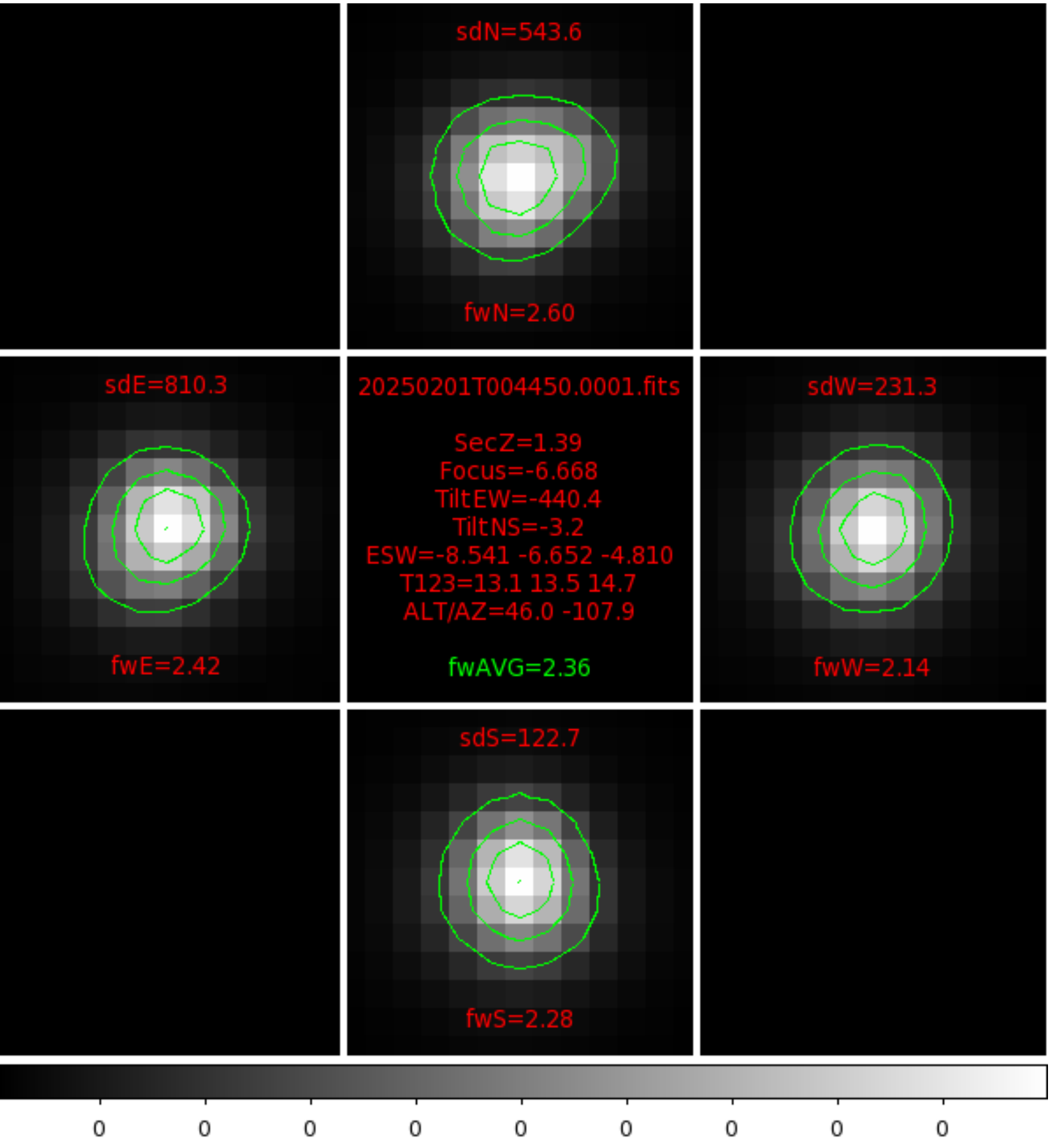
sdN=543.6
fwN=2.60
sdE=810.3
fwE=2.42
20250201T004450.0001.fits
SecZ=1.39
Focus=-6.668
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.541 -6.652 -4.810
T123=13.1 13.5 14.7
ALT/AZ=46.0 -107.9
fwAVG=2.36
sdW=231.3
fwW=2.14
sdS=122.7
fwS=2.28
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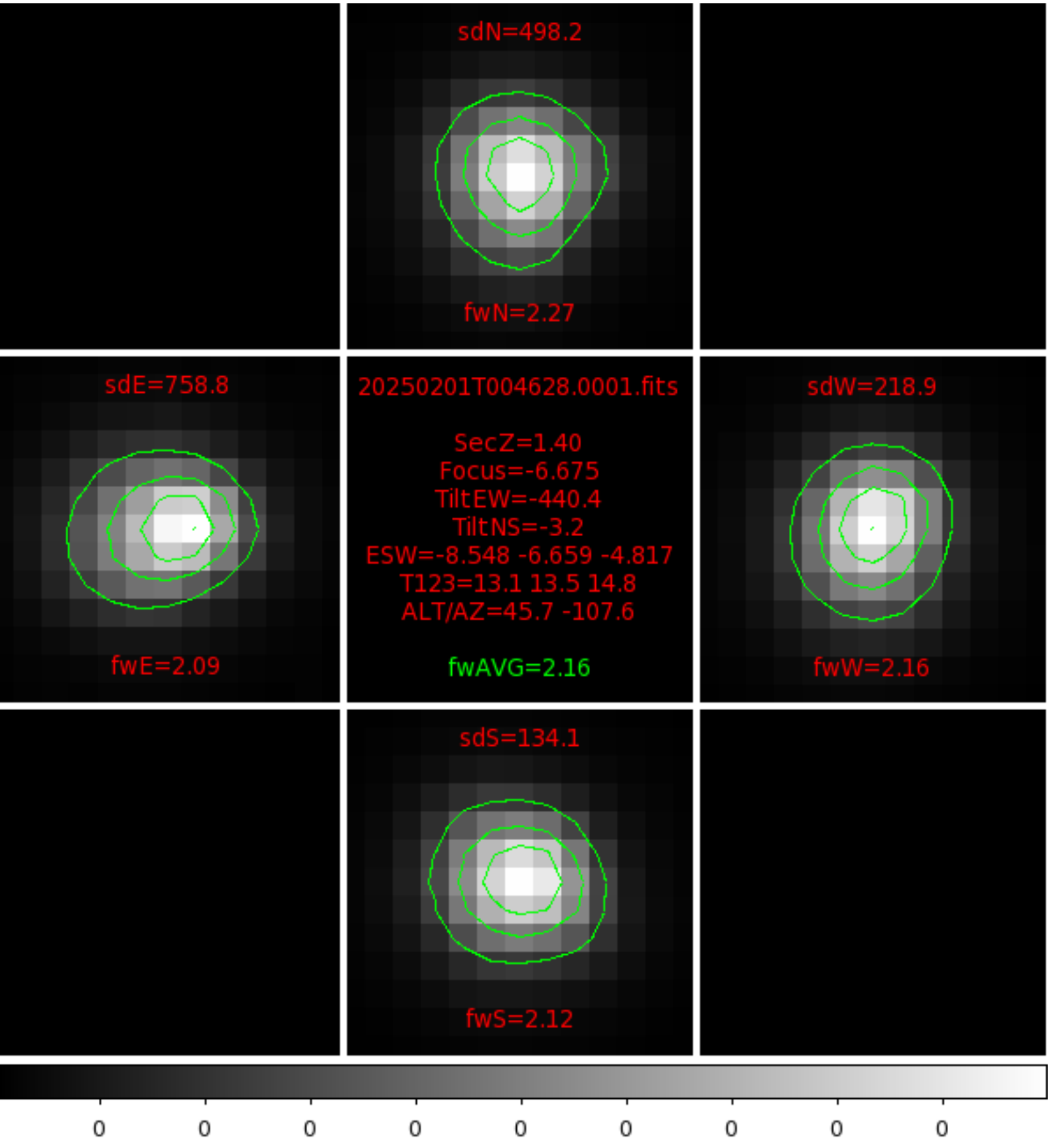
sdN=498.2
fwN=2.27
sdE=758.8
fwE=2.09
20250201T004628.0001.fits
SecZ=1.40
Focus=-6.675
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.548 -6.659 -4.817
T123=13.1 13.5 14.8
ALT/AZ=45.7 -107.6
fwAVG=2.16
sdW=218.9
fwW=2.16
sdS=134.1
fwS=2.12
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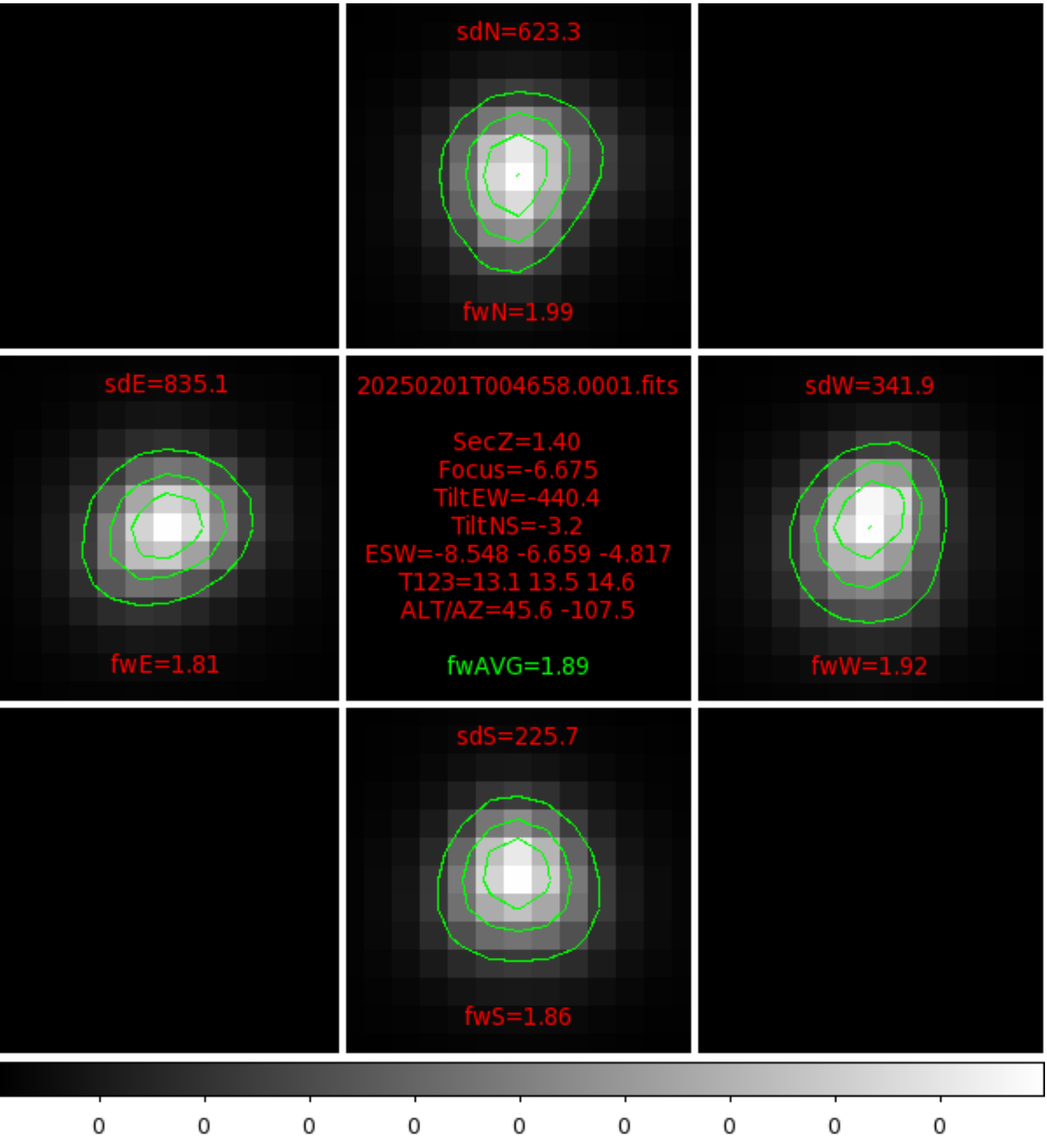
sdN=623.3
fwN=1.99
sdE=835.1
fwE=1.81
20250201T004658.0001.fits
SecZ=1.40
Focus=-6.675
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.548 -6.659 -4.817
T123=13.1 13.5 14.6
ALT/AZ=45.6 -107.5
fwAVG=1.89
sdW=341.9
fwW=1.92
sdS=225.7
fwS=1.86
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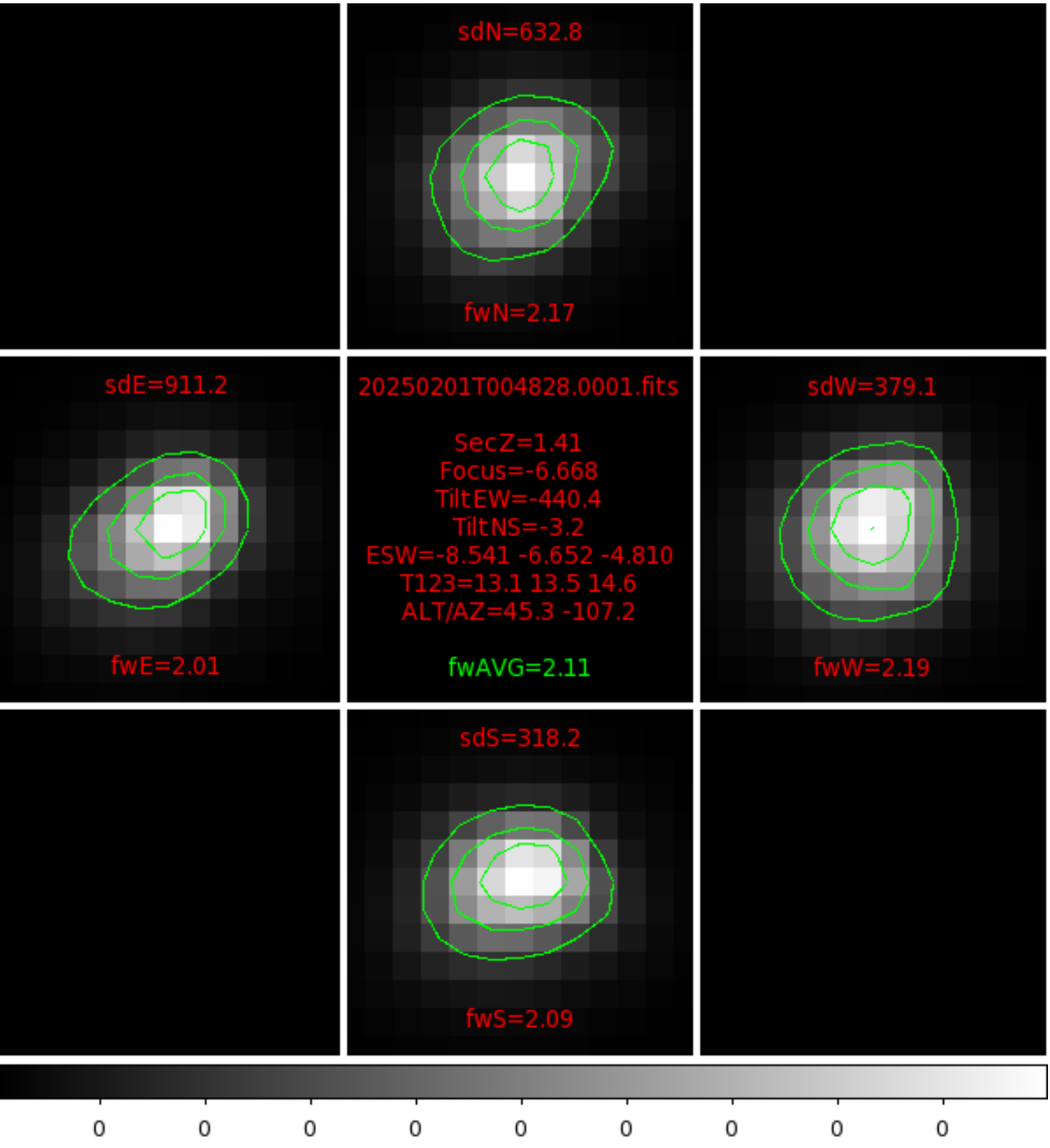
sdN=632.8
fwN=2.17
sdE=911.2
fwE=2.01
20250201T004828.0001.fits
SecZ=1.41
Focus=-6.668
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.541 -6.652 -4.810
T123=13.1 13.5 14.6
ALT/AZ=45.3 -107.2
fwAVG=2.11
sdW=379.1
fwW=2.19
sdS=318.2
fwS=2.09
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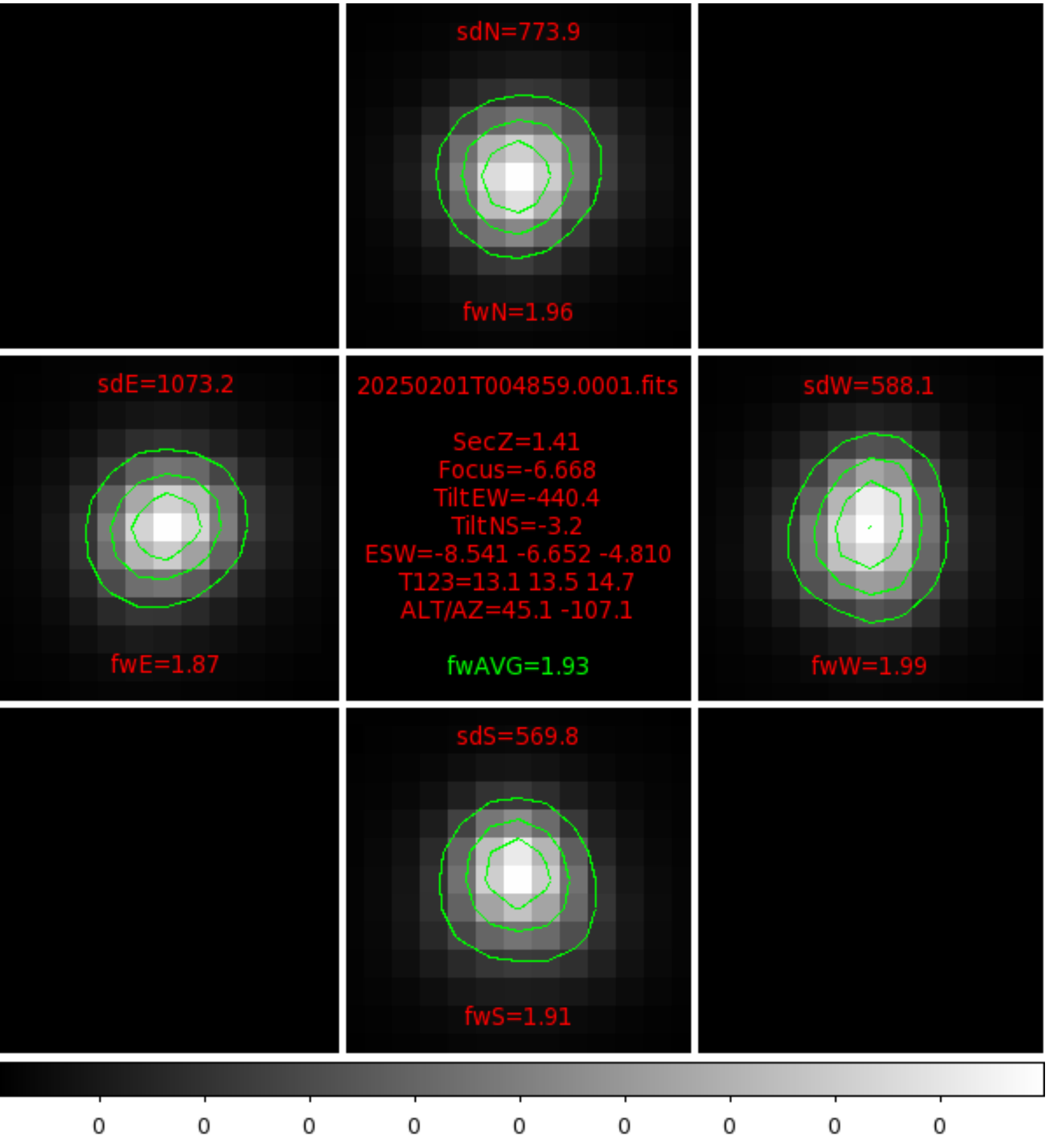
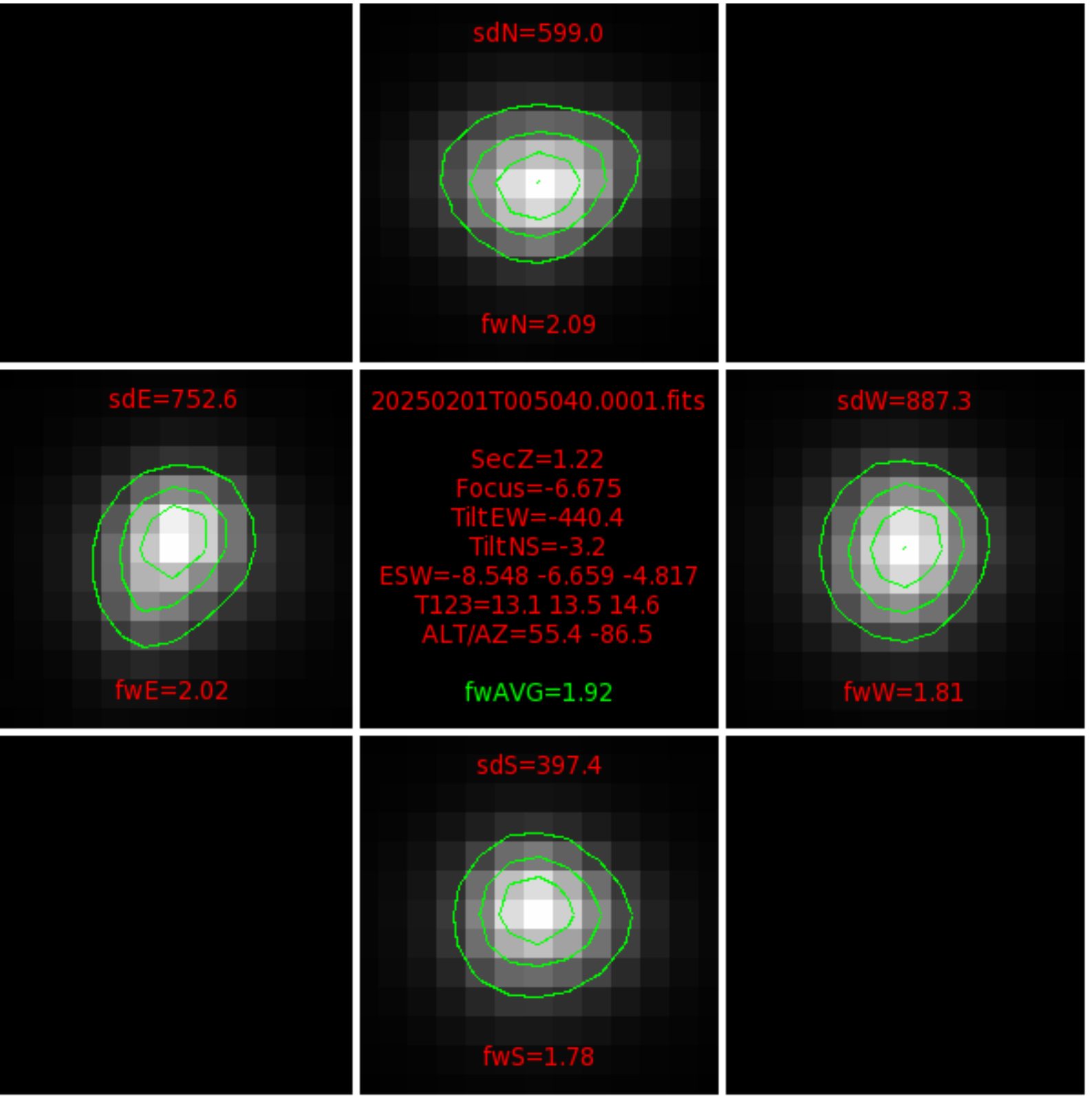

sdN=773.9
fwN=1.96
sdE=1073.2
fwE=1.87
20250201T004859.0001.fits
SecZ=1.41
Focus=-6.668
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.541 -6.652 -4.810
T123=13.1 13.5 14.7
ALT/AZ=45.1 -107.1
fwAVG=1.93
sdW=588.1
fwW=1.99
sdS=569.8
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=599.0
fwN=2.09
sdE=752.6
fwE=2.02
20250201T005040.0001.fits
SecZ=1.22
Focus=-6.675
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.548 -6.659 -4.817
T123=13.1 13.5 14.6
ALT/AZ=55.4 -86.5
fwAVG=1.92
sdW=887.3
fwW=1.81
sdS=397.4
fwS=1.78
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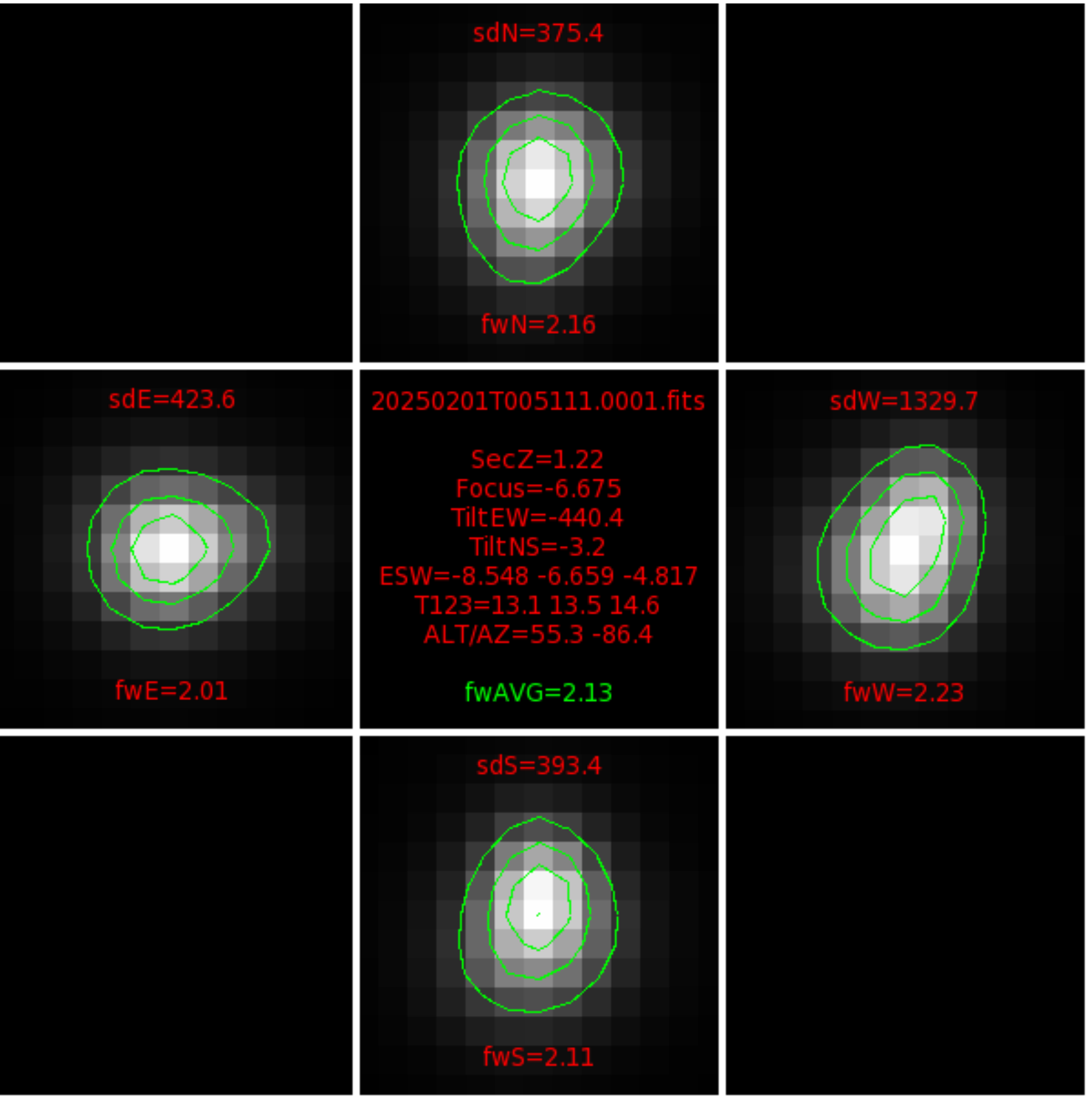
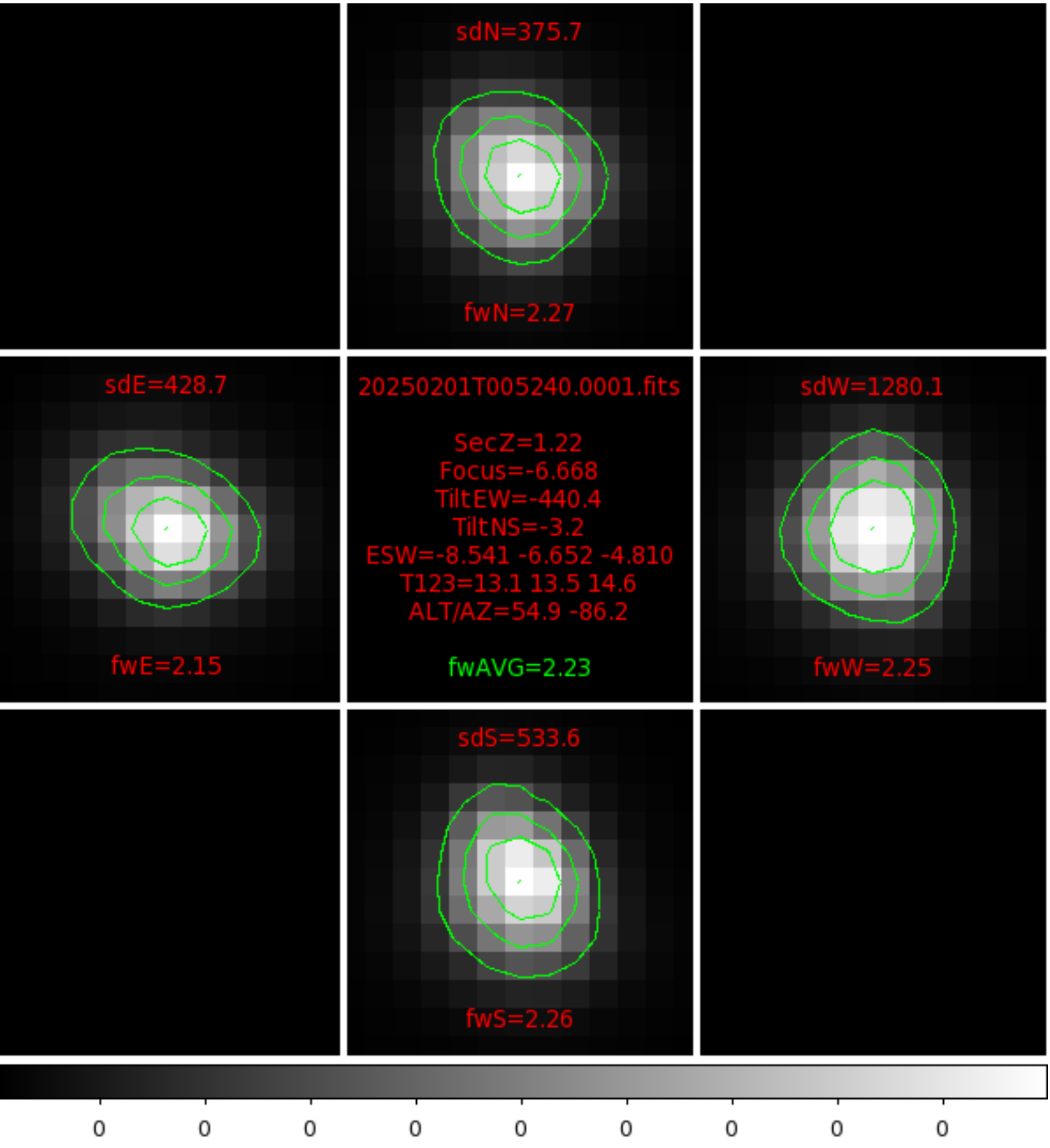

sdN=375.4
fwN=2.16
sdE=423.6
fwE=2.01
20250201T005111.0001.fits
SecZ=1.22
Focus=-6.675
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.548 -6.659 -4.817
T123=13.1 13.5 14.6
ALT/AZ=55.3 -86.4
fwAVG=2.13
sdW=1329.7
fwW=2.23
sdS=393.4
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=375.7
fwN=2.27
sdE=428.7
fwE=2.15
20250201T005240.0001.fits
SecZ=1.22
Focus=-6.668
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.541 -6.652 -4.810
T123=13.1 13.5 14.6
ALT/AZ=54.9 -86.2
fwAVG=2.23
sdW=1280.1
fwW=2.25
sdS=533.6
fwS=2.26
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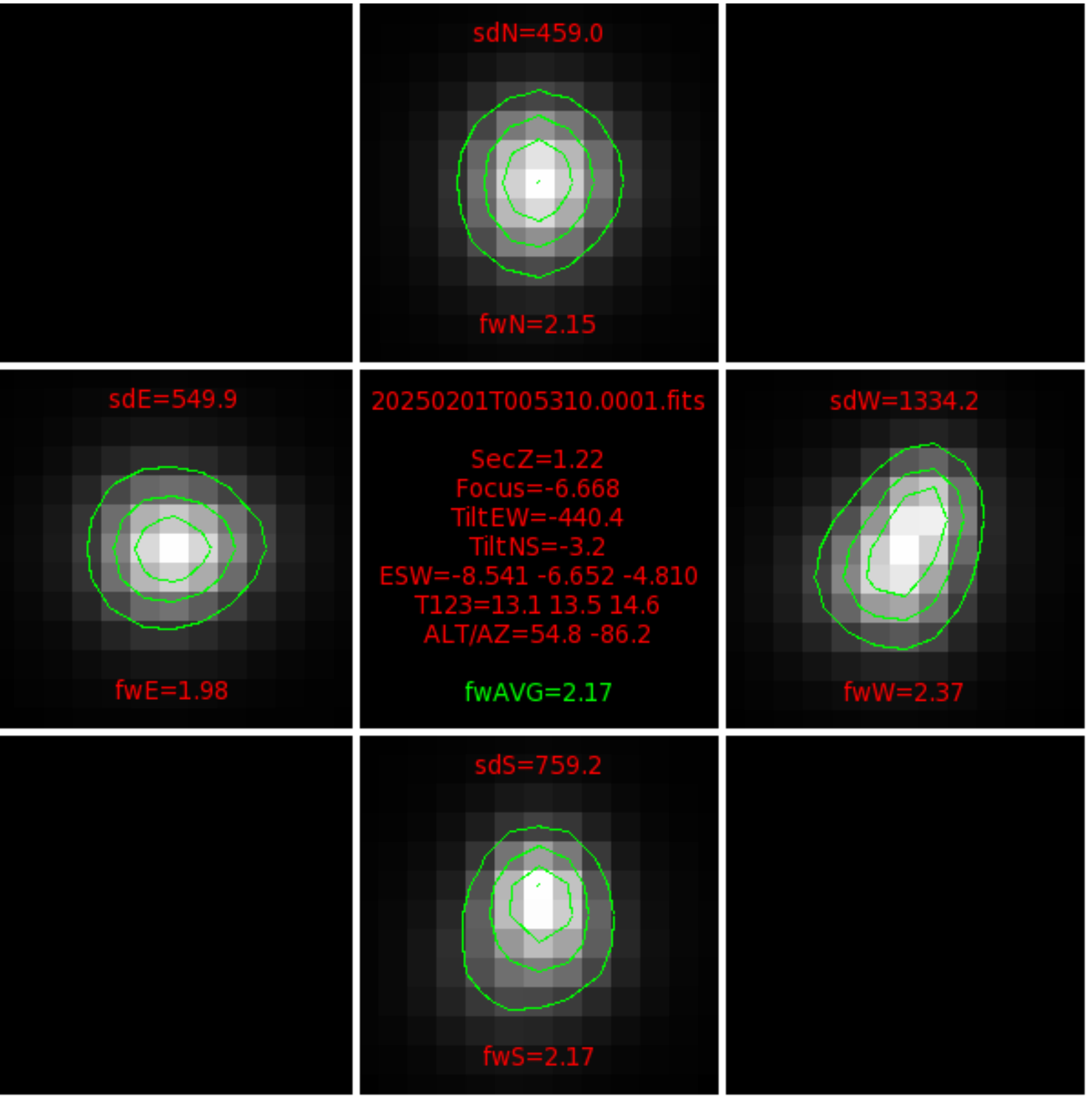
sdN=459.0
fwN=2.15
sdE=549.9
fwE=1.98
20250201T005310.0001.fits
SecZ=1.22
Focus=-6.668
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.541 -6.652 -4.810
T123=13.1 13.5 14.6
ALT/AZ=54.8 -86.2
fwAVG=2.17
sdW=1334.2
fwW=2.37
sdS=759.2
fwS=2.17
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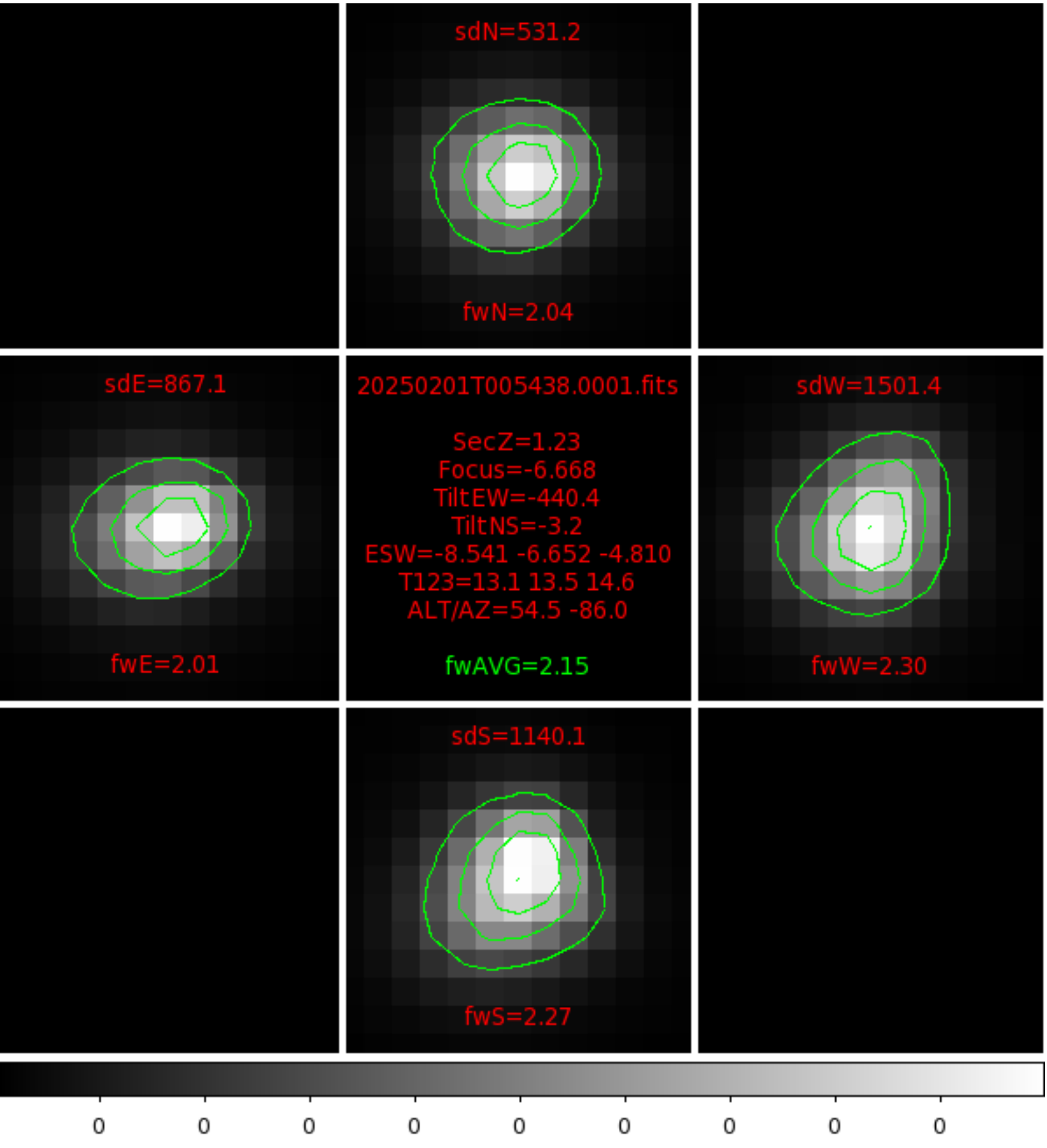
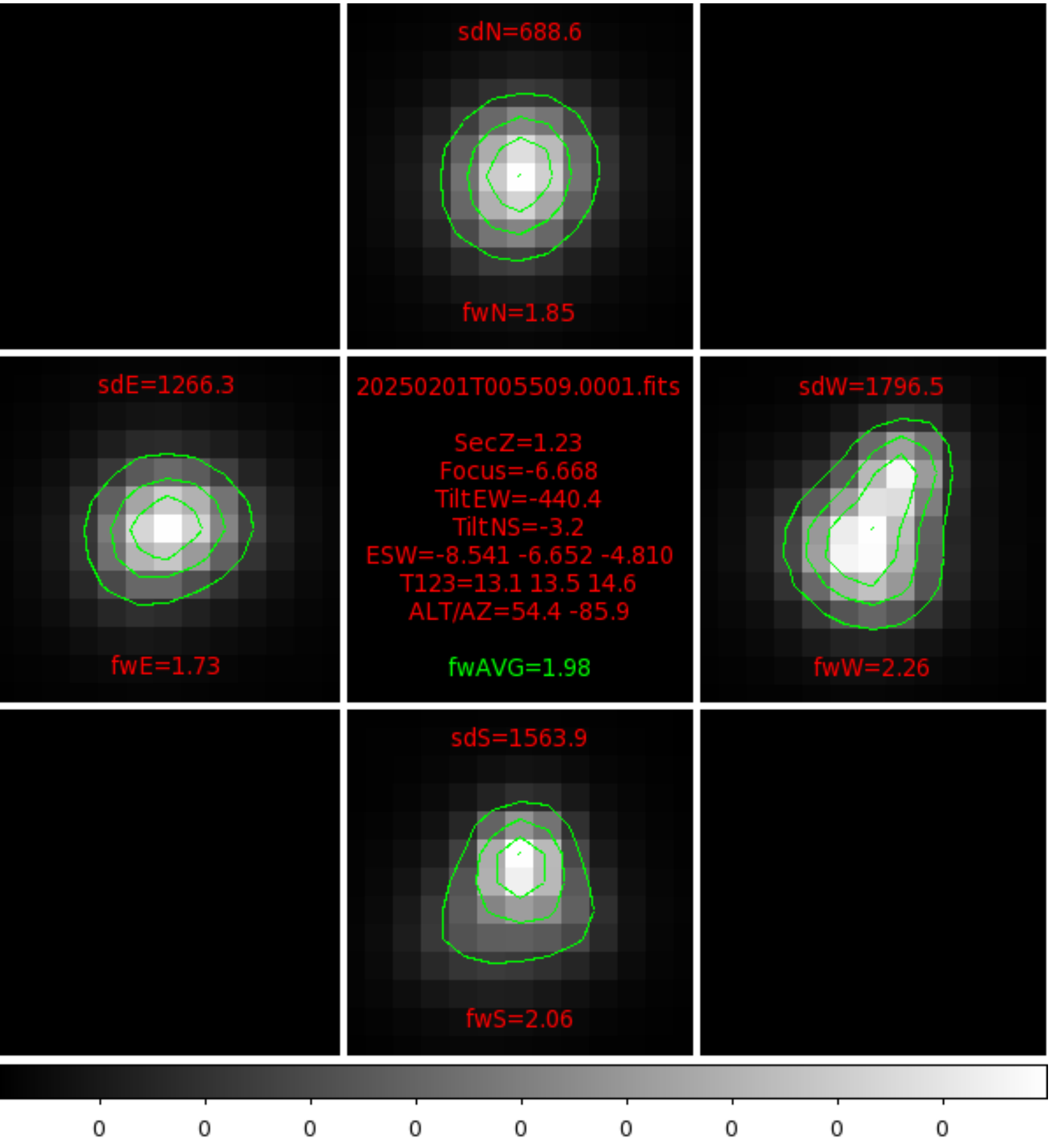

sdN=531.2
fwN=2.04
sdE=867.1
fwE=2.01
20250201T005438.0001.fits
SecZ=1.23
Focus=-6.668
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.541 -6.652 -4.810
T123=13.1 13.5 14.6
ALT/AZ=54.5 -86.0
fwAVG=2.15
sdW=1501.4
fwW=2.30
sdS=1140.1
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=688.6
fwN=1.85
sdE=1266.3
fwE=1.73
20250201T005509.0001.fits
SecZ=1.23
Focus=-6.668
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.541 -6.652 -4.810
T123=13.1 13.5 14.6
ALT/AZ=54.4 -85.9
fwAVG=1.98
sdW=1796.5
fwW=2.26
sdS=1563.9
fwS=2.06
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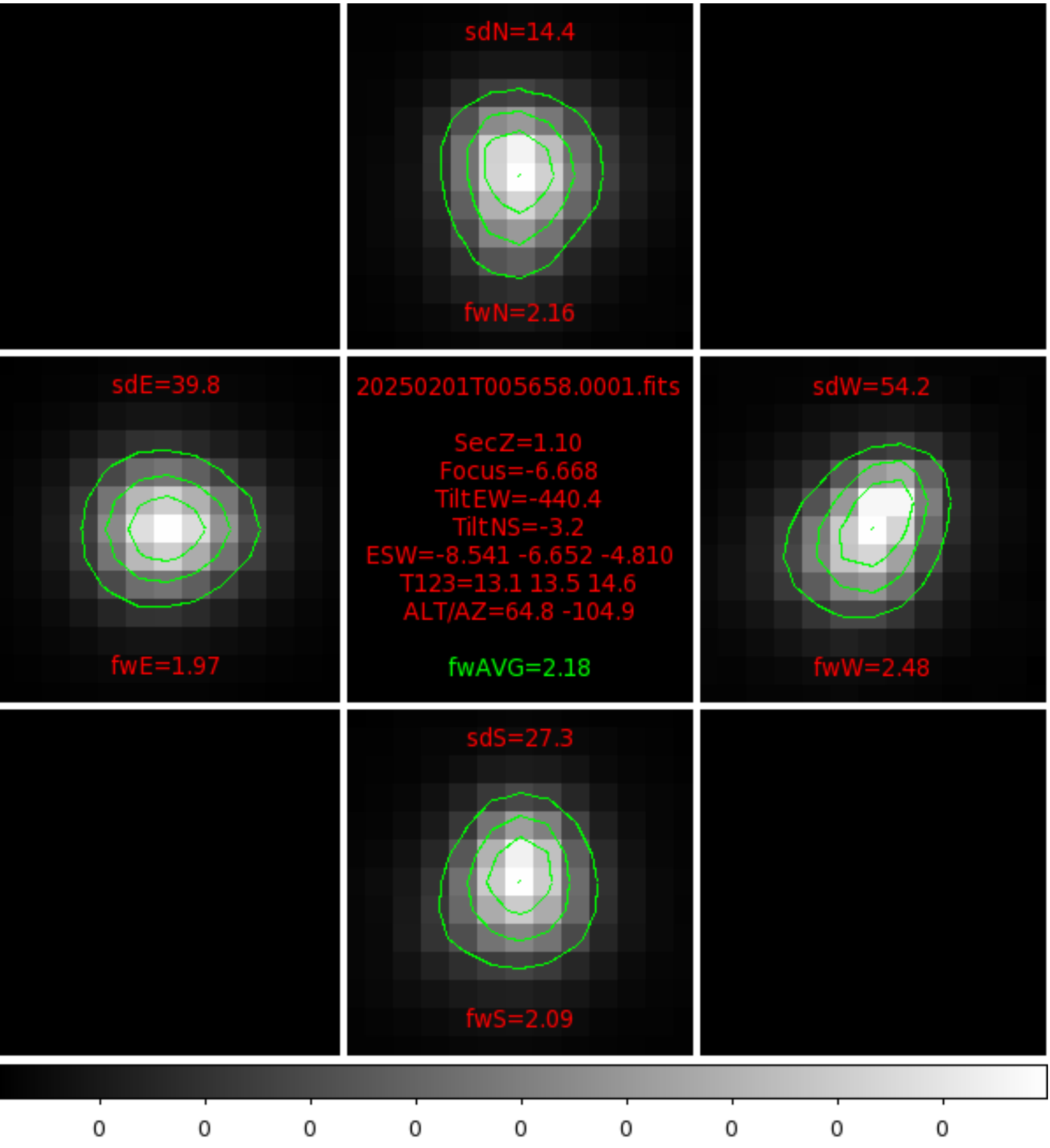
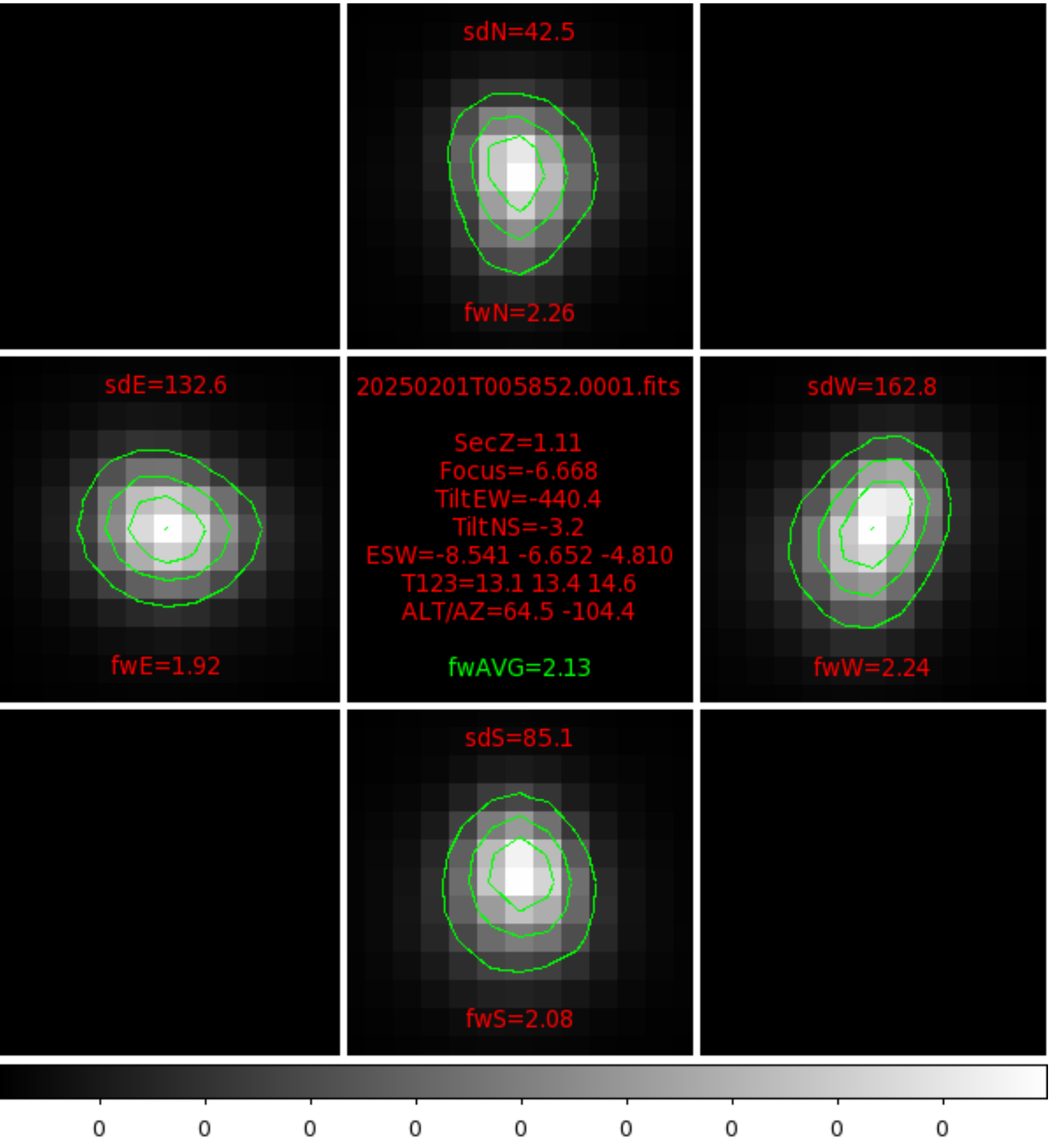
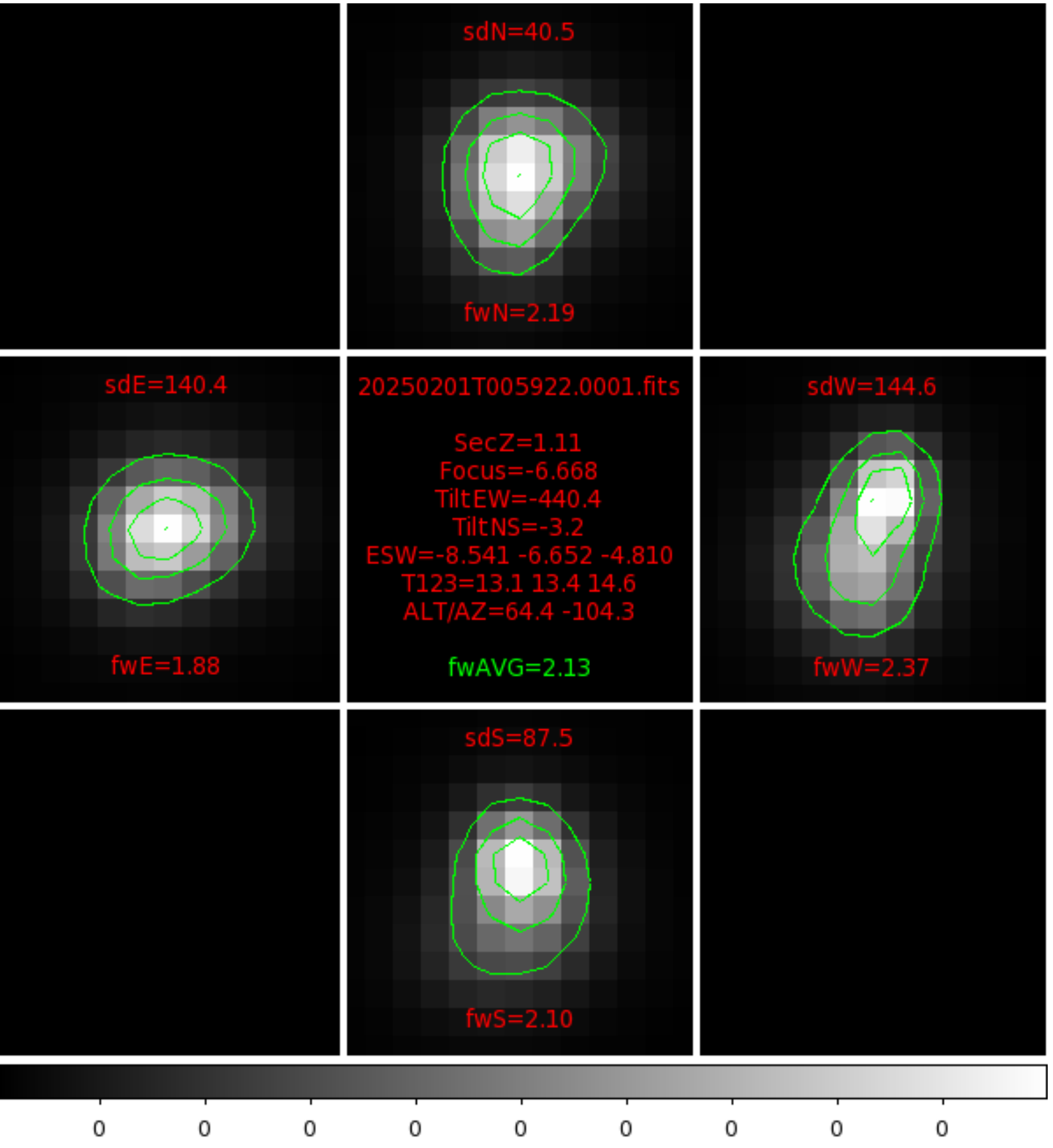
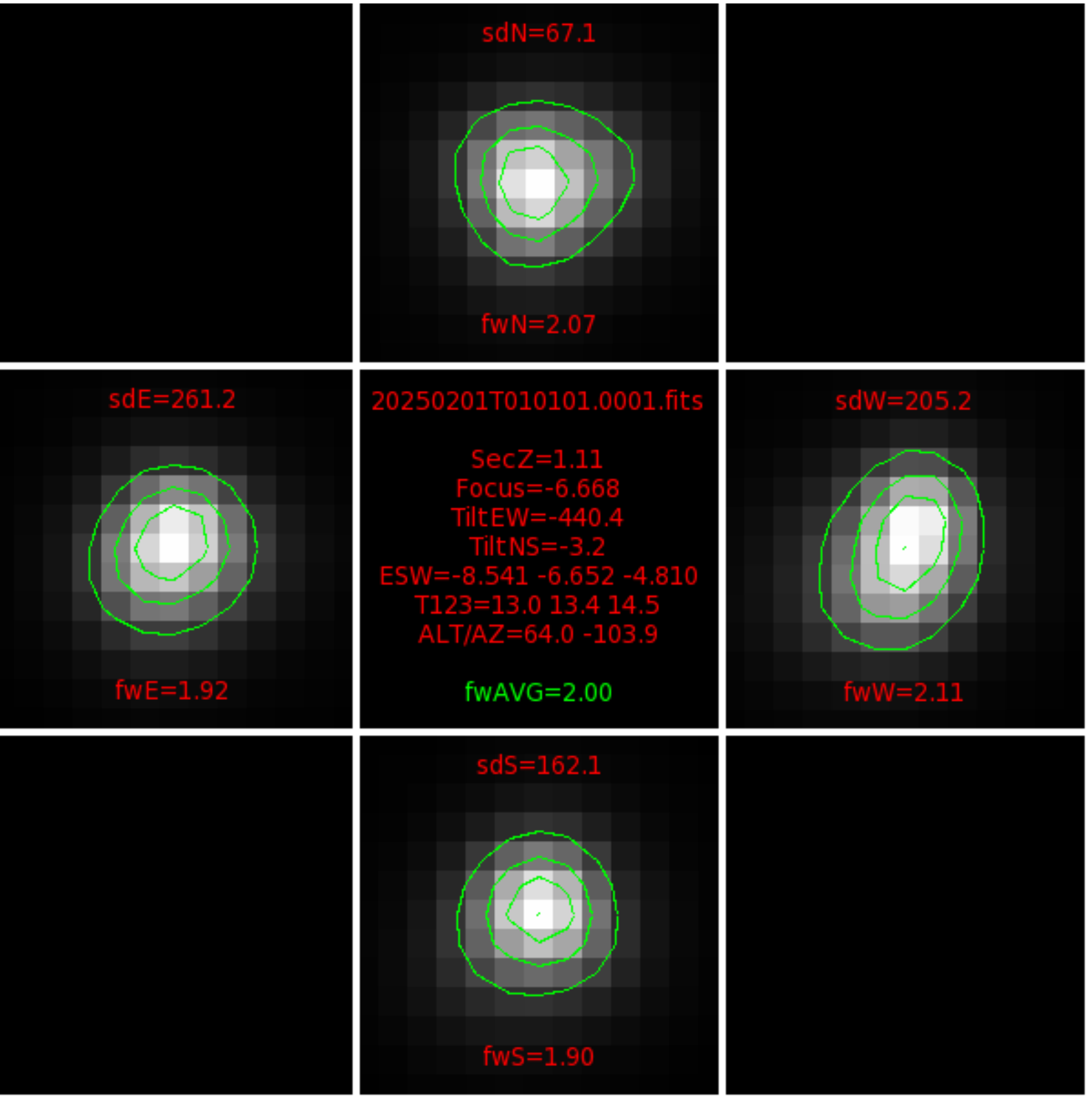
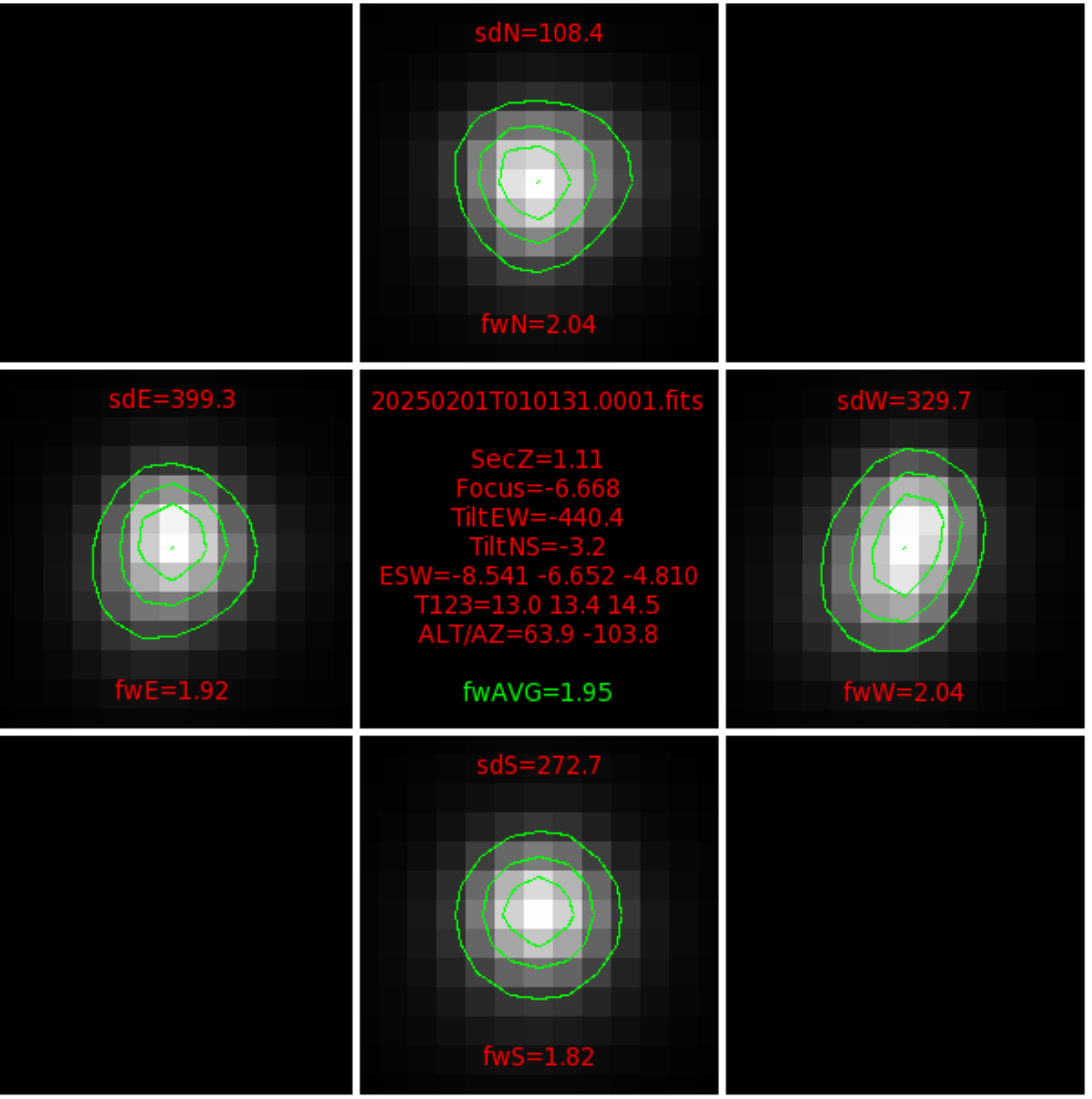
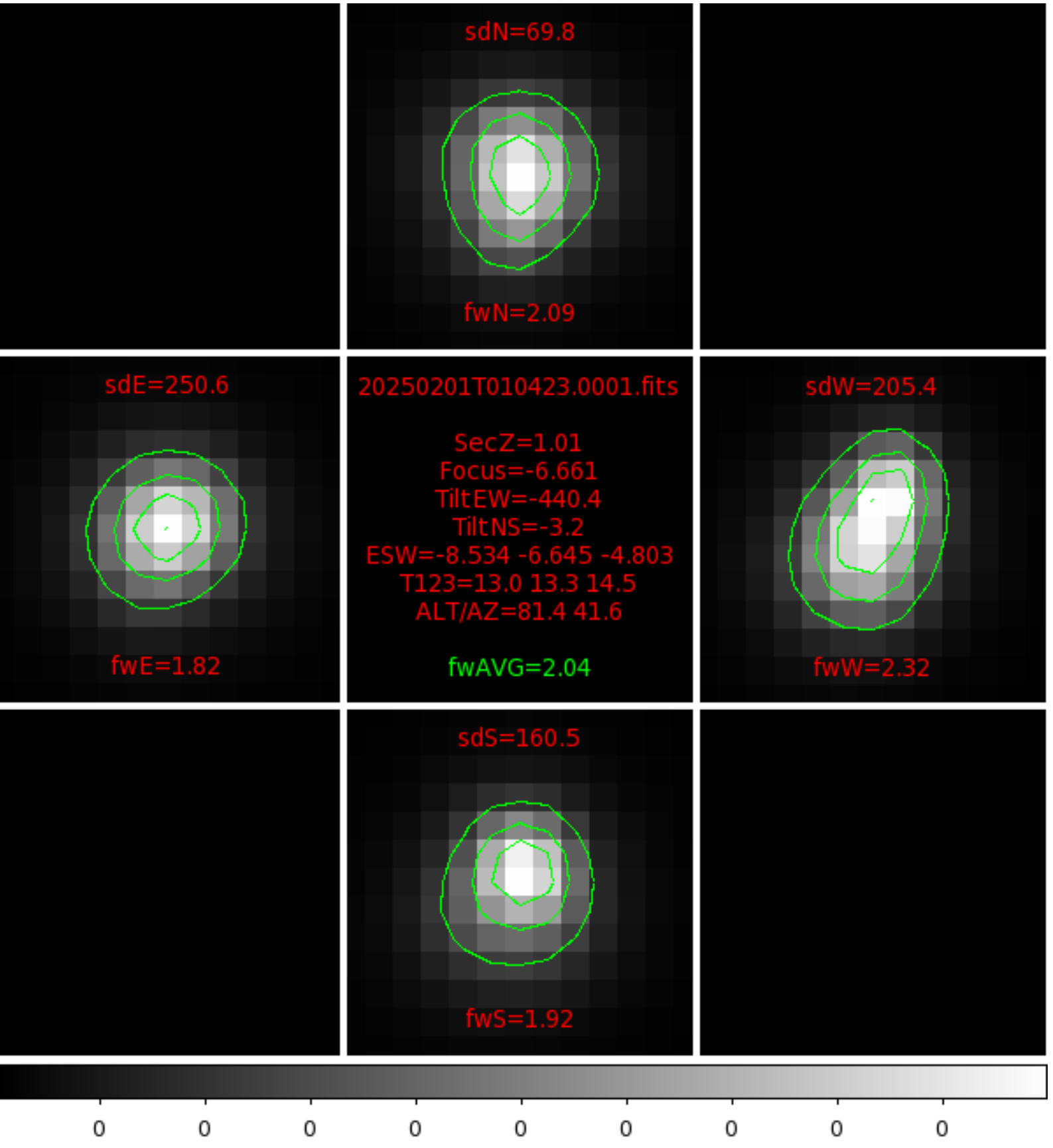

sdN=14.4
fwN=2.16
sdE=39.8
fwE=1.97
20250201T005658.0001.fits
SecZ=1.10
Focus=-6.668
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.541 -6.652 -4.810
T123=13.1 13.5 14.6
ALT/AZ=64.8 -104.9
fwAVG=2.18
sdW=54.2
fwW=2.48
sdS=27.3
fwS=2.09
0 0 0 0 0 0 0 0 0

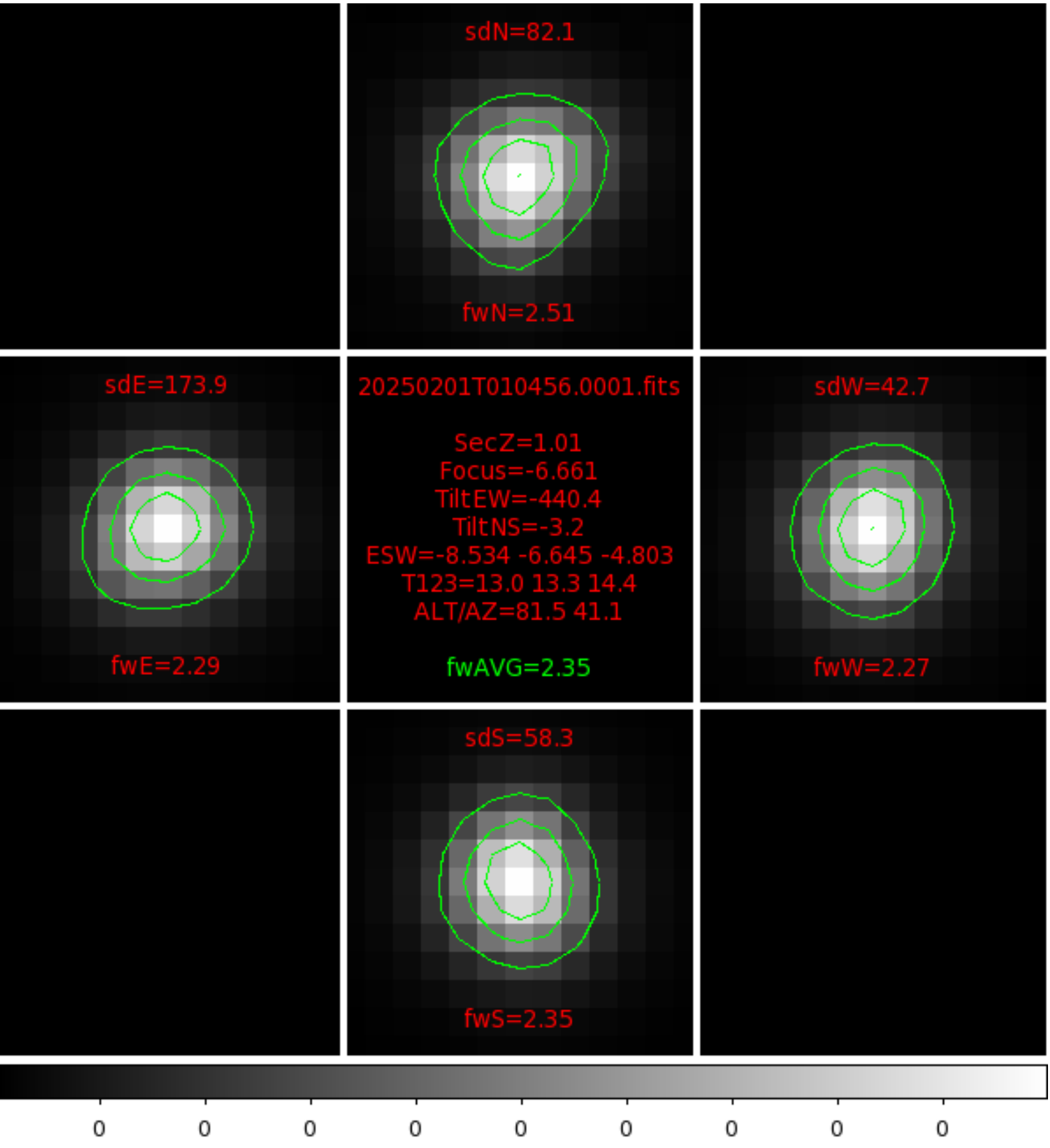

sdN=42.5
fwN=2.26
sdE=132.6
fwE=1.92
20250201T005852.0001.fits
SecZ=1.11
Focus=-6.668
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.541 -6.652 -4.810
T123=13.1 13.4 14.6
ALT/AZ=64.5 -104.4
fwAVG=2.13
sdW=162.8
fwW=2.24
sdS=85.1
fwS=2.08
0 0 0 0 0 0 0 0 0

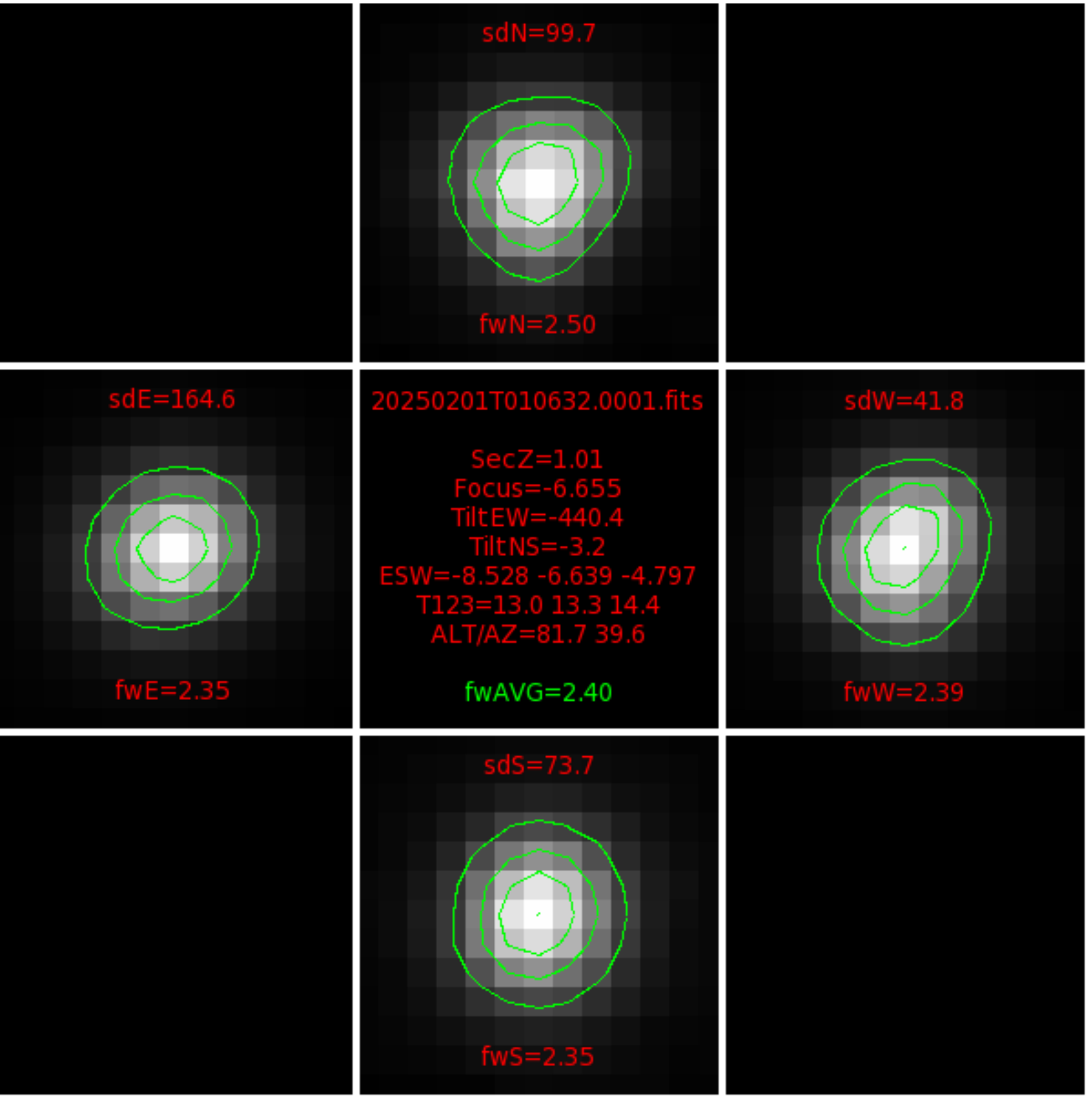

sdN=40.5
fwN=2.19
sdE=140.4
fwE=1.88
20250201T005922.0001.fits
SecZ=1.11
Focus=-6.668
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.541 -6.652 -4.810
T123=13.1 13.4 14.6
ALT/AZ=64.4 -104.3
fwAVG=2.13
sdW=144.6
fwW=2.37
sdS=87.5
fwS=2.10
0 0 0 0 0 0 0 0 0

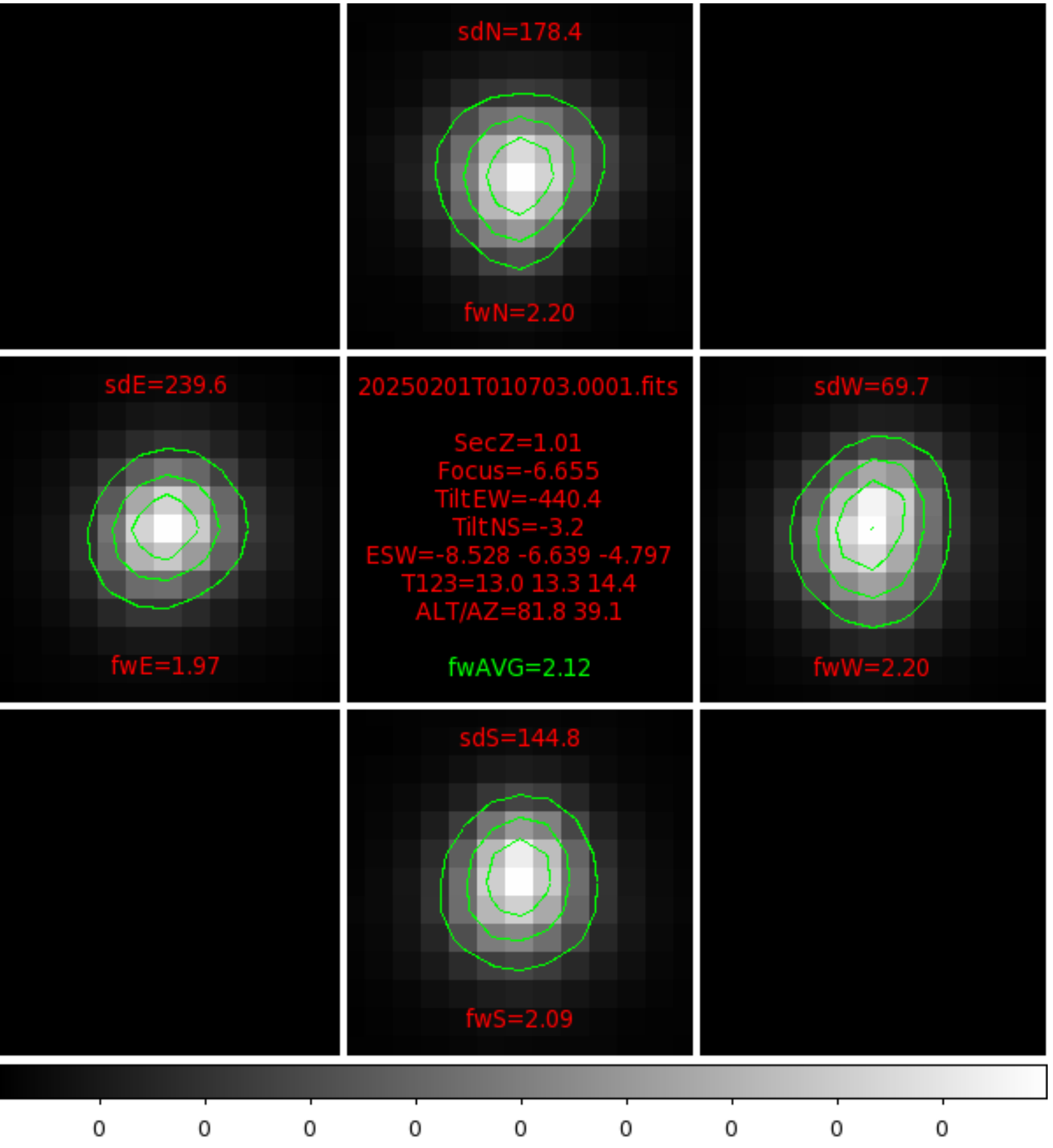

sdN=67.1
fwN=2.07
sdE=261.2
fwE=1.92
20250201T010101.0001.fits
SecZ=1.11
Focus=-6.668
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.541 -6.652 -4.810
T123=13.0 13.4 14.5
ALT/AZ=64.0 -103.9
fwAVG=2.00
sdW=205.2
fwW=2.11
sdS=162.1
fwS=1.90
0 0 0 0 0 0 0 0 0

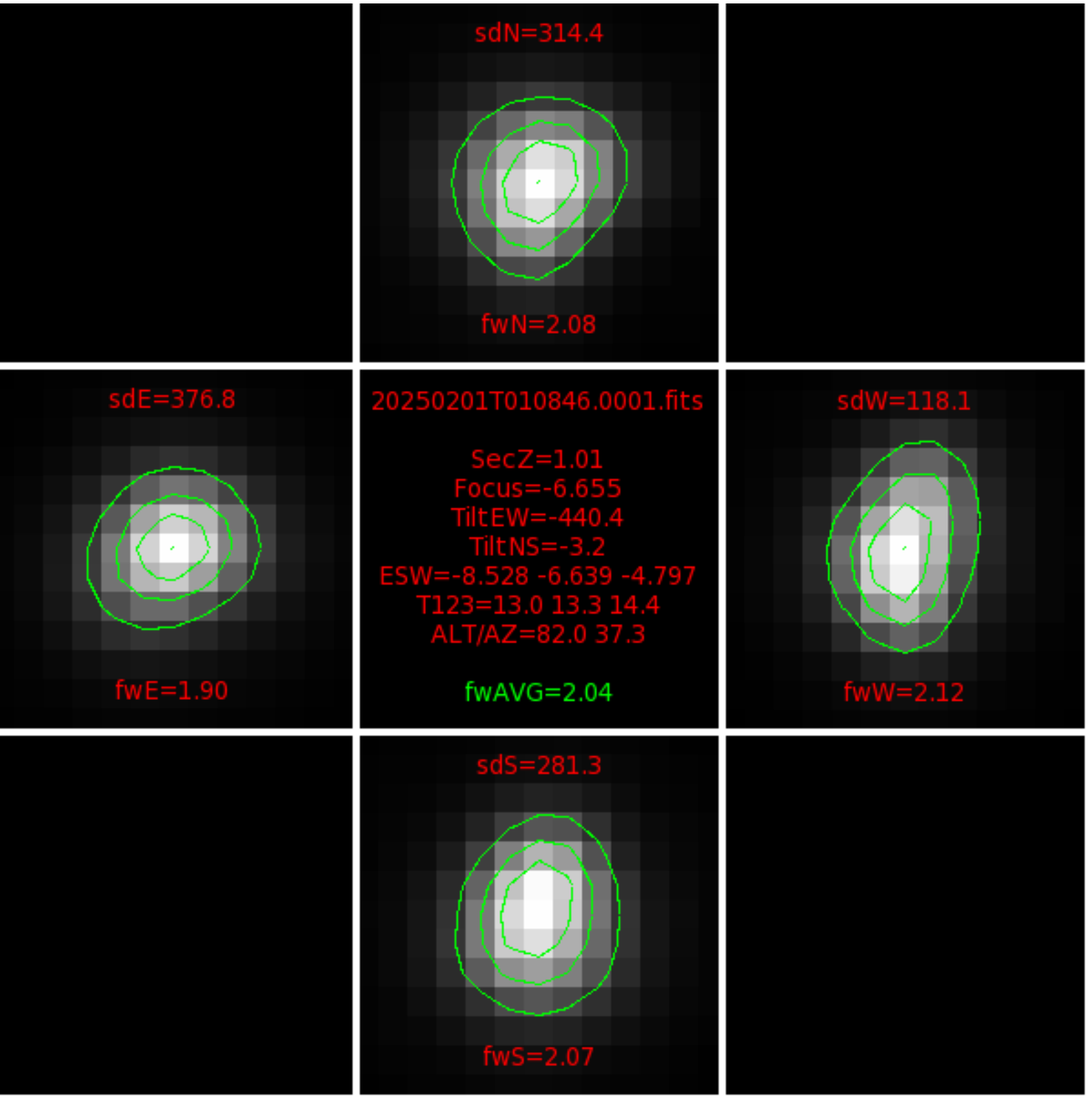

sdN=108.4
fwN=2.04
sdE=399.3
fwE=1.92
20250201T010131.0001.fits
SecZ=1.11
Focus=-6.668
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.541 -6.652 -4.810
T123=13.0 13.4 14.5
ALT/AZ=63.9 -103.8
fwAVG=1.95
sdW=329.7
fwW=2.04
sdS=272.7
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=69.8
fwN=2.09
sdE=250.6
fwE=1.82
20250201T010423.0001.fits
SecZ=1.01
Focus=-6.661
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.534 -6.645 -4.803
T123=13.0 13.3 14.5
ALT/AZ=81.4 41.6
fwAVG=2.04
sdW=205.4
fwW=2.32
sdS=160.5
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=82.1
fwN=2.51
sdE=173.9
fwE=2.29
20250201T010456.0001.fits
SecZ=1.01
Focus=-6.661
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.534 -6.645 -4.803
T123=13.0 13.3 14.4
ALT/AZ=81.5 41.1
fwAVG=2.35
sdW=42.7
fwW=2.27
sdS=58.3
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=99.7
fwN=2.50
sdE=164.6
fwE=2.35
20250201T010632.0001.fits
SecZ=1.01
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=13.0 13.3 14.4
ALT/AZ=81.7 39.6
fwAVG=2.40
sdW=41.8
fwW=2.39
sdS=73.7
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=178.4
fwN=2.20
sdE=239.6
fwE=1.97
20250201T010703.0001.fits
SecZ=1.01
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=13.0 13.3 14.4
ALT/AZ=81.8 39.1
fwAVG=2.12
sdW=69.7
fwW=2.20
sdS=144.8
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=314.4
fwN=2.08
sdE=376.8
fwE=1.90
20250201T010846.0001.fits
SecZ=1.01
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=13.0 13.3 14.4
ALT/AZ=82.0 37.3
fwAVG=2.04
sdW=118.1
fwW=2.12
sdS=281.3
fwS=2.07
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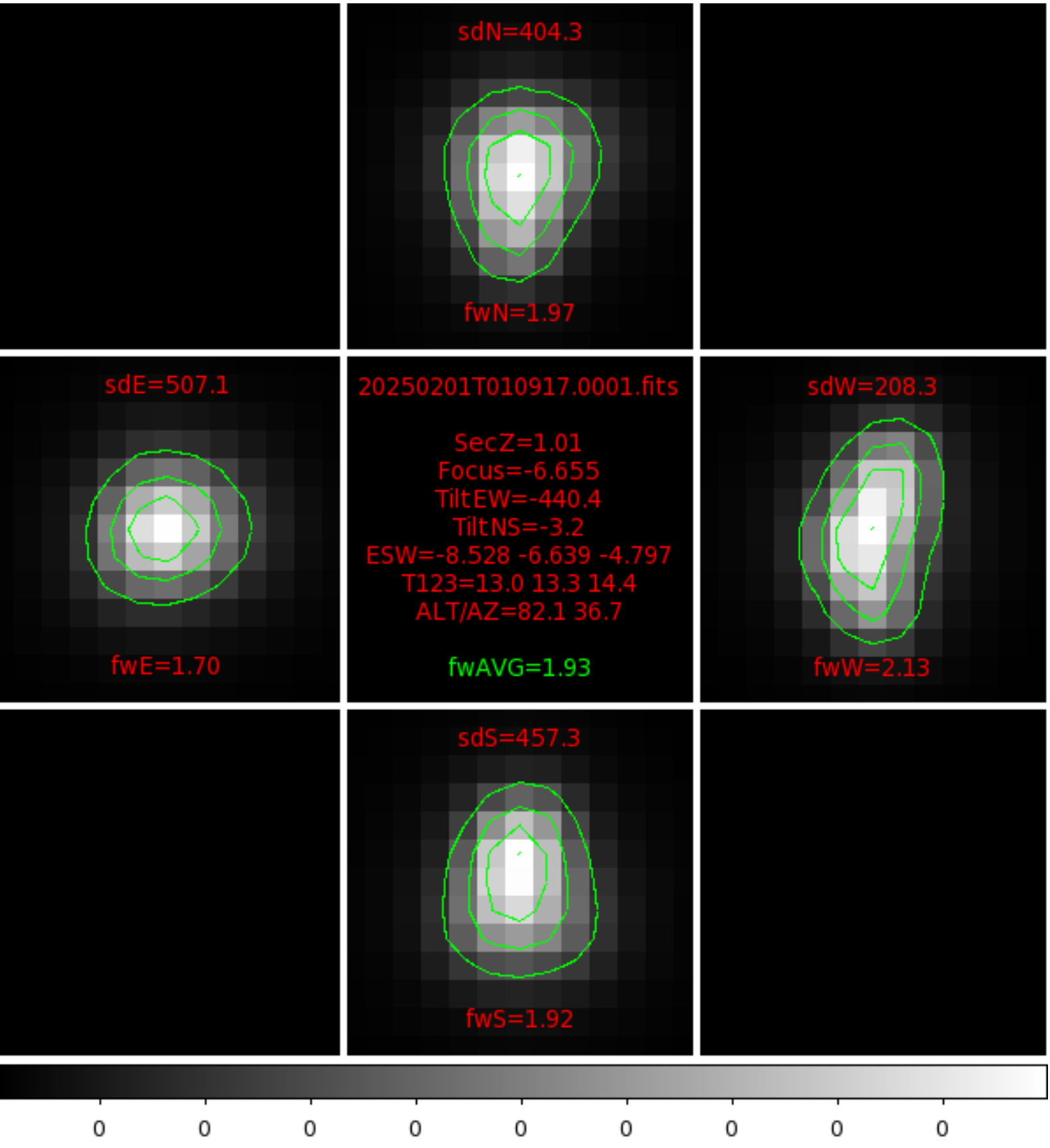
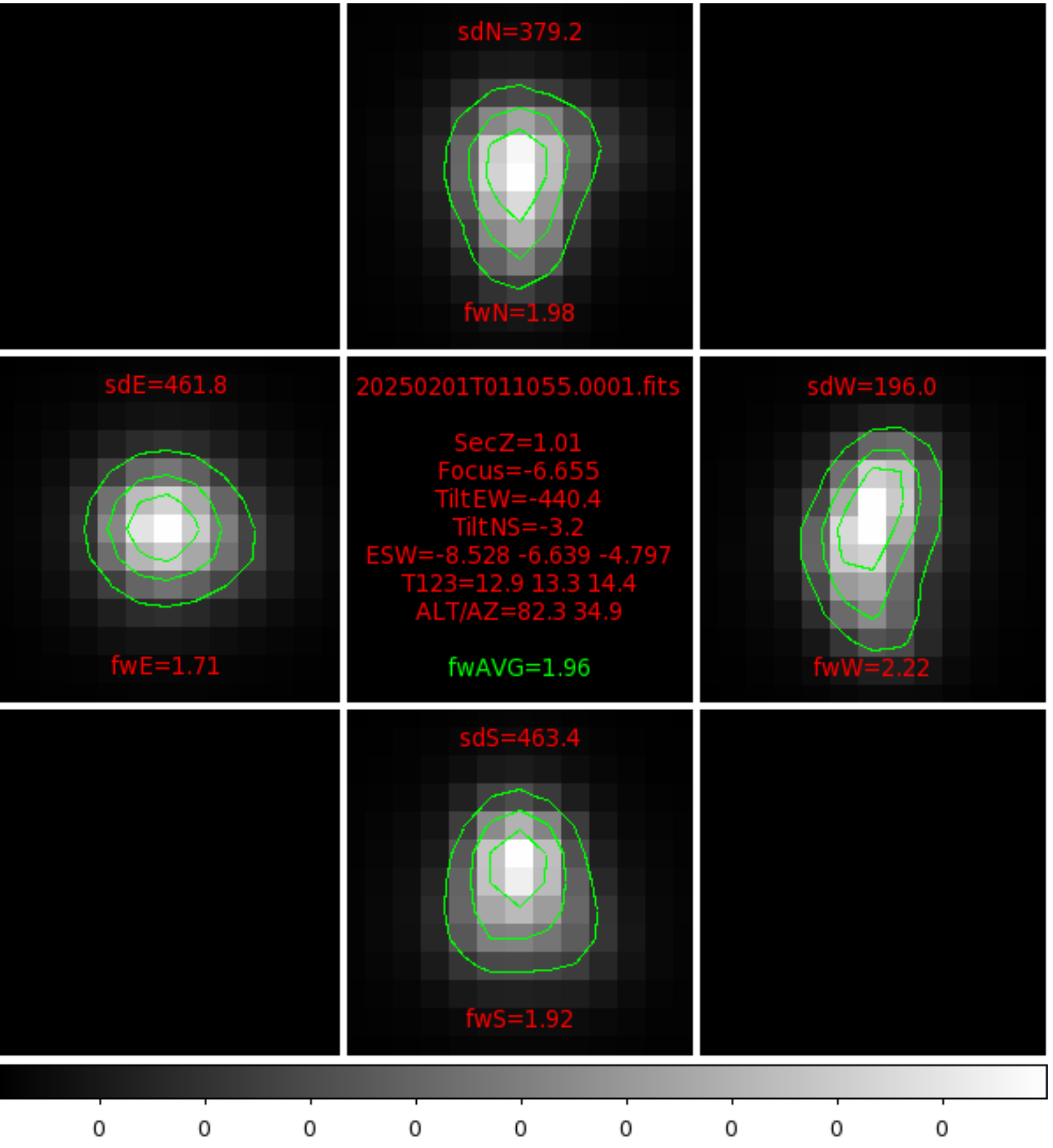
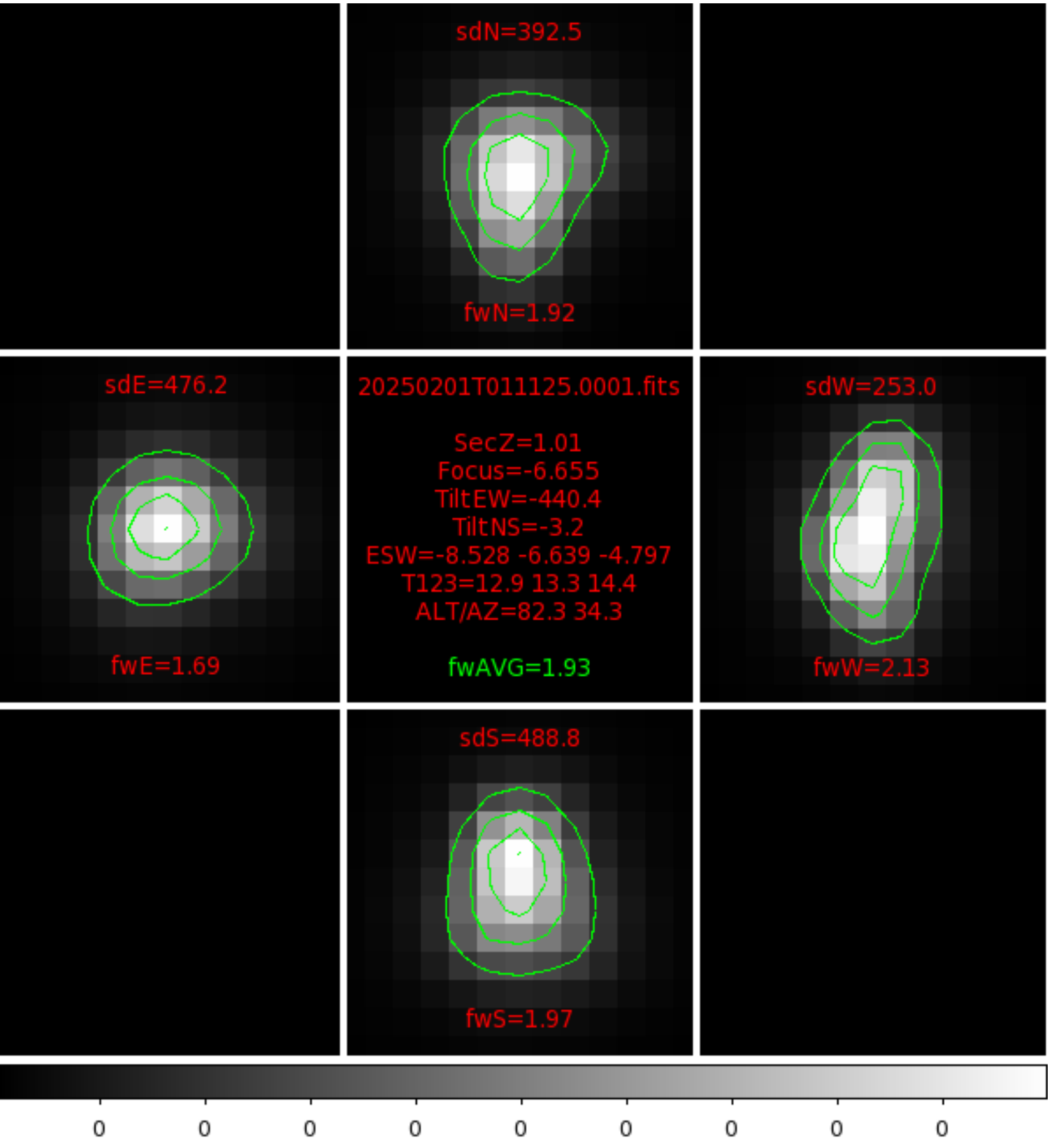

sdN=404.3
fwN=1.97
sdE=507.1
fwE=1.70
20250201T010917.0001.fits
SecZ=1.01
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=13.0 13.3 14.4
ALT/AZ=82.1 36.7
fwAVG=1.93
sdW=208.3
fwW=2.13
sdS=457.3
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=379.2
fwN=1.98
sdE=461.8
fwE=1.71
20250201T011055.0001.fits
SecZ=1.01
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.3 14.4
ALT/AZ=82.3 34.9
fwAVG=1.96
sdW=196.0
fwW=2.22
sdS=463.4
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=392.5
fwN=1.92
sdE=476.2
fwE=1.69
20250201T011125.0001.fits
SecZ=1.01
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.3 14.4
ALT/AZ=82.3 34.3
fwAVG=1.93
sdW=253.0
fwW=2.13
sdS=488.8
fwS=1.97
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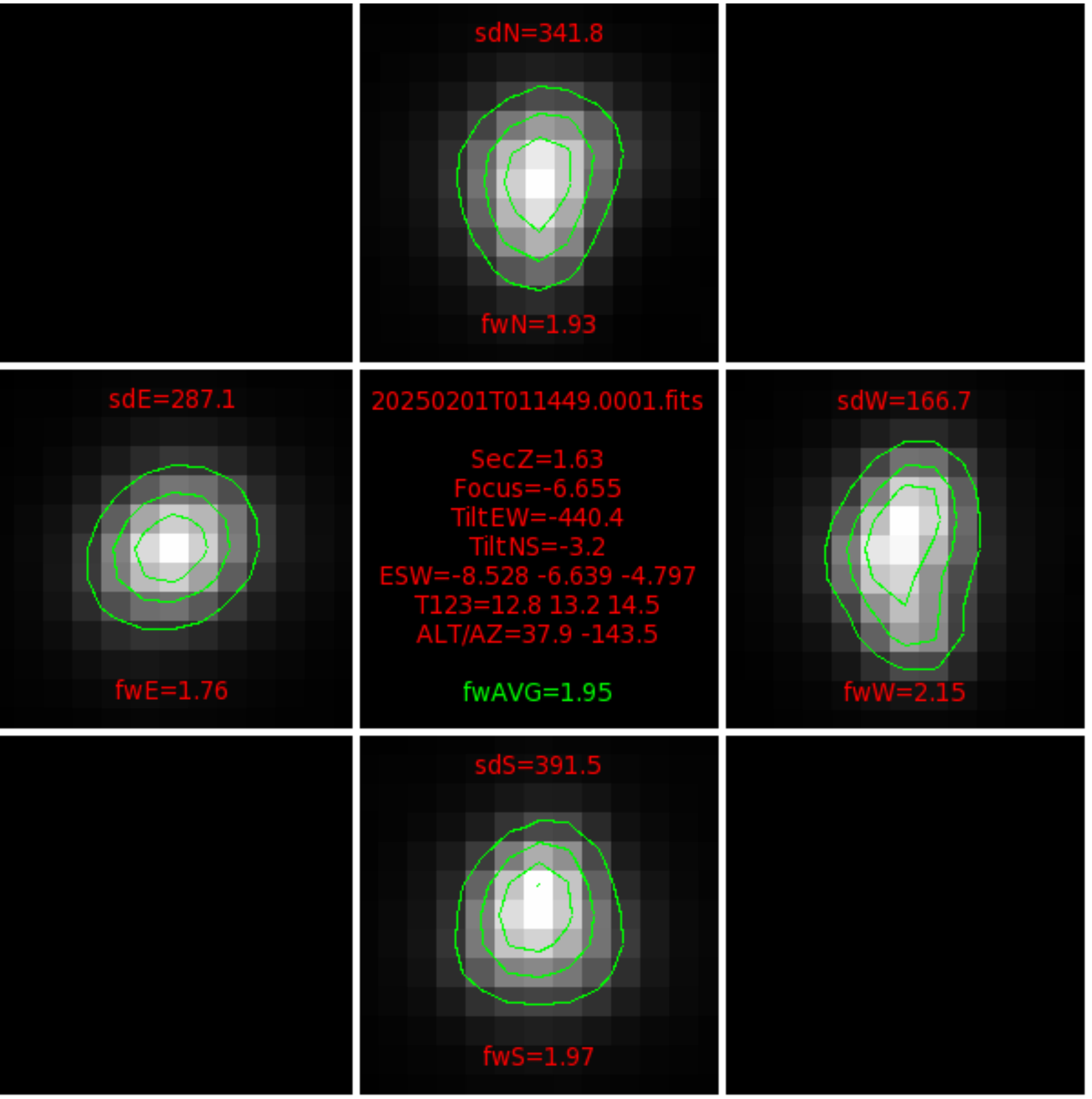
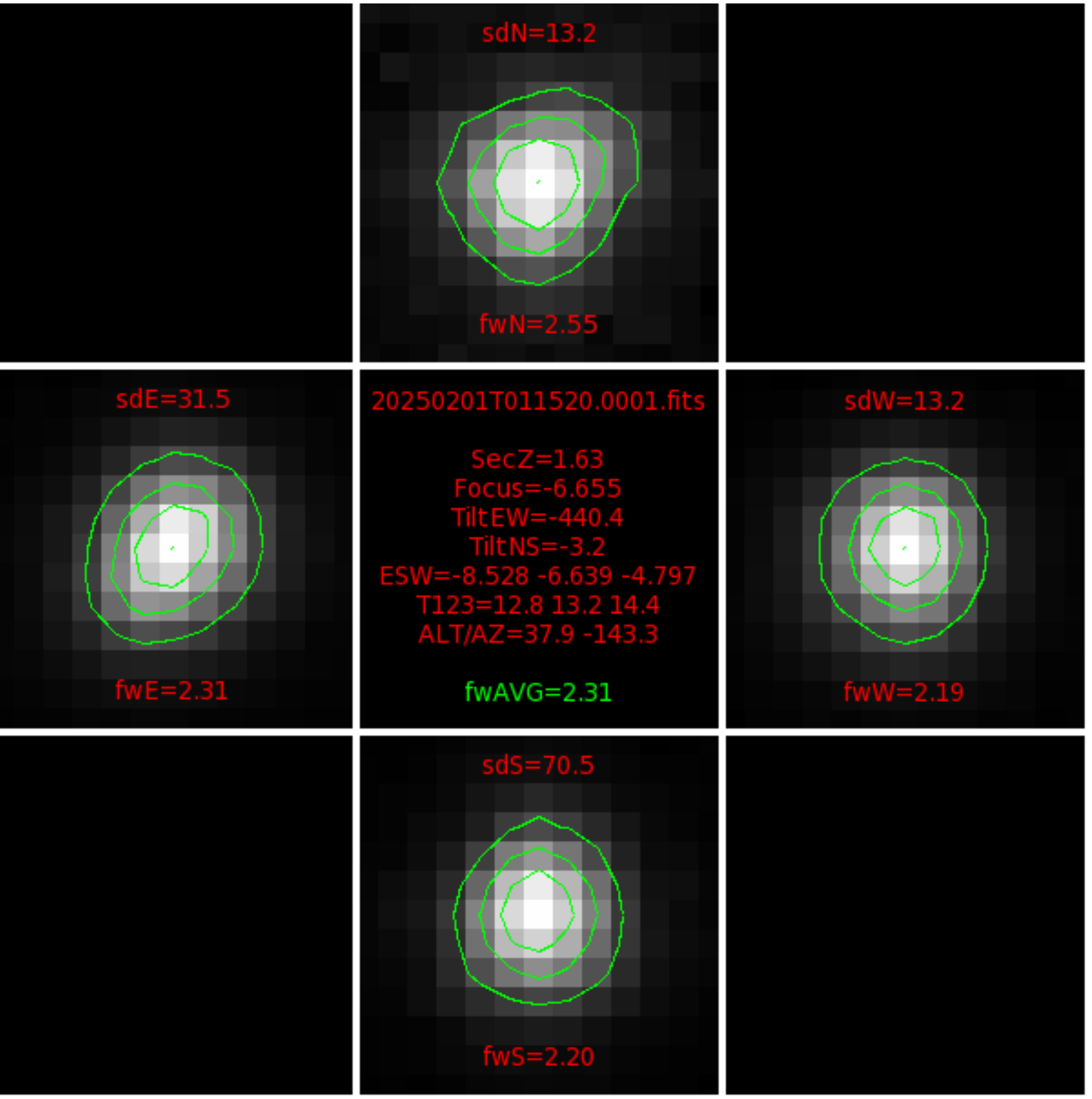
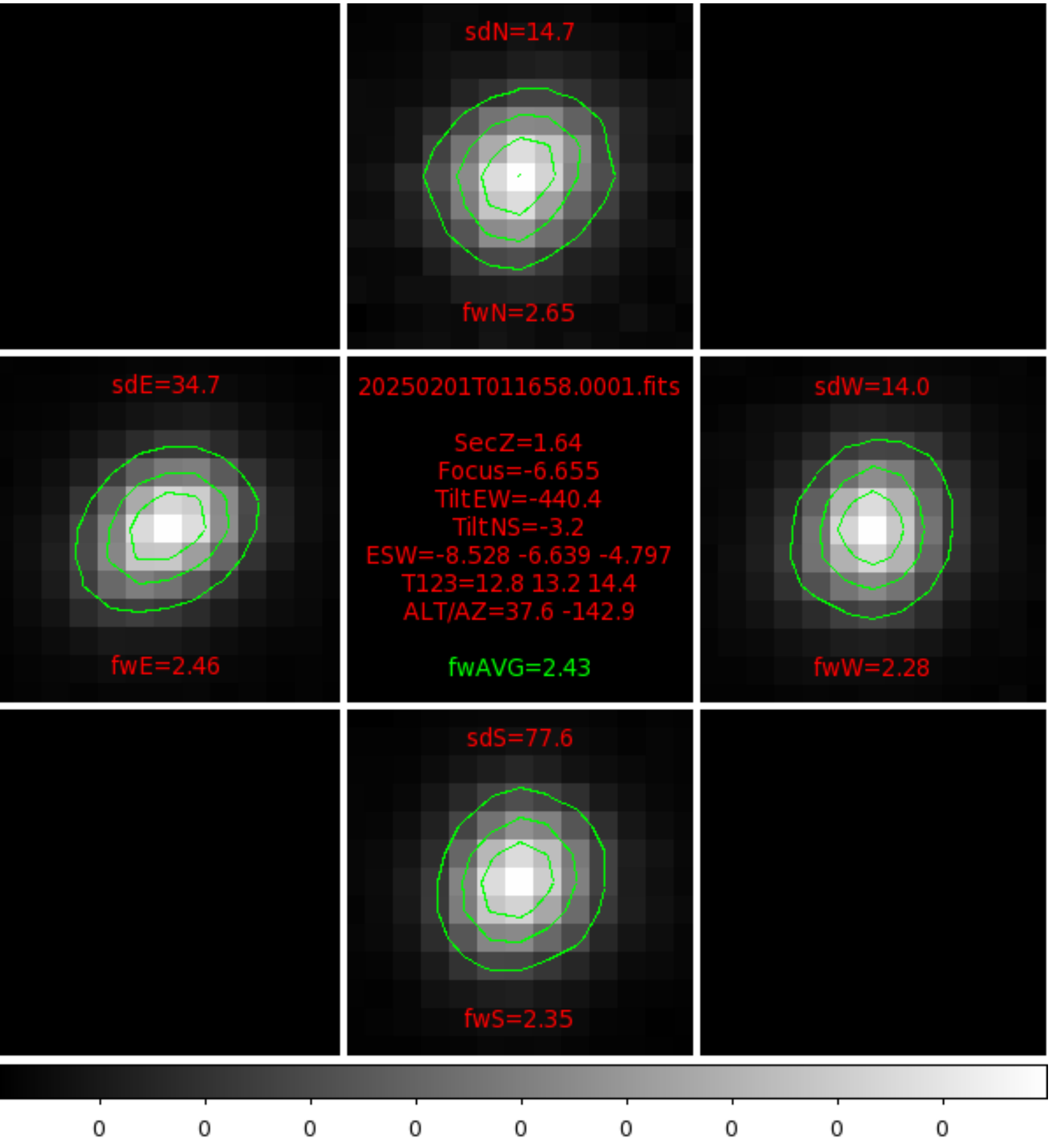

sdN=341.8
fwN=1.93
sdE=287.1
fwE=1.76
20250201T011449.0001.fits
SecZ=1.63
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.8 13.2 14.5
ALT/AZ=37.9 -143.5
fwAVG=1.95
sdW=166.7
fwW=2.15
sdS=391.5
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=13.2
fwN=2.55
sdE=31.5
fwE=2.31
20250201T011520.0001.fits
SecZ=1.63
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.8 13.2 14.4
ALT/AZ=37.9 -143.3
fwAVG=2.31
sdW=13.2
fwW=2.19
sdS=70.5
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=14.7
fwN=2.65
sdE=34.7
fwE=2.46
20250201T011658.0001.fits
SecZ=1.64
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.8 13.2 14.4
ALT/AZ=37.6 -142.9
fwAVG=2.43
sdW=14.0
fwW=2.28
sdS=77.6
fwS=2.35
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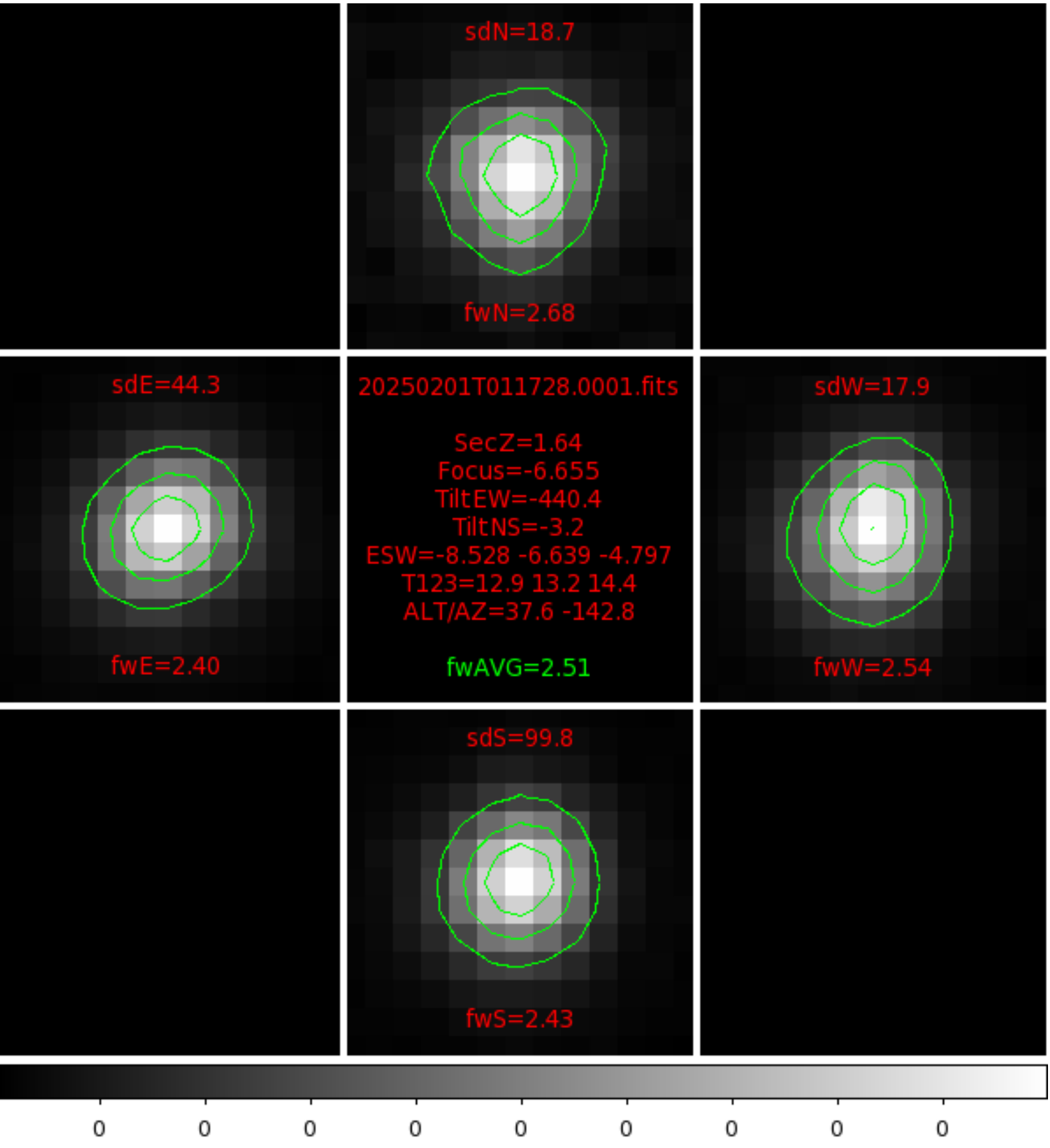
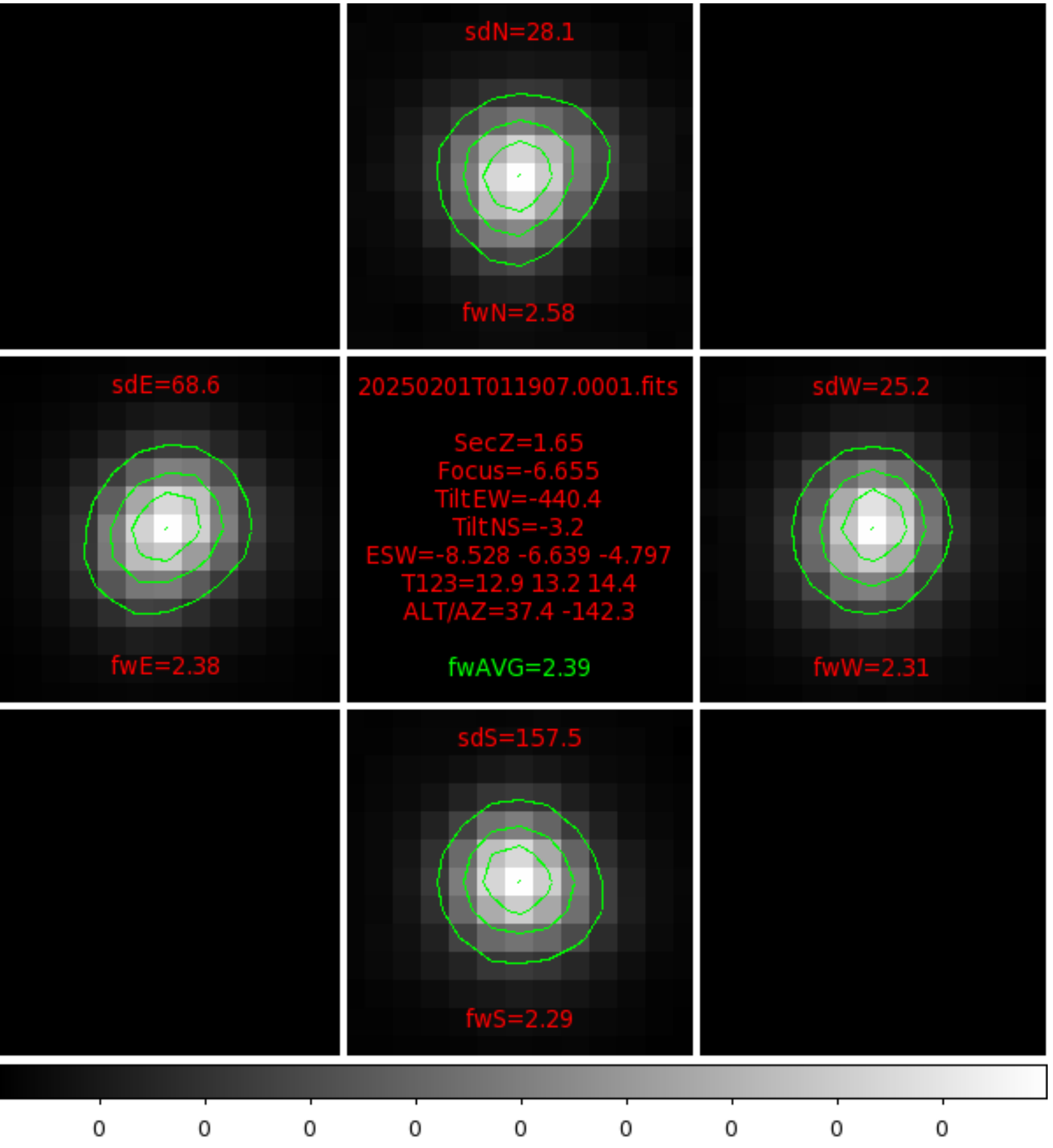
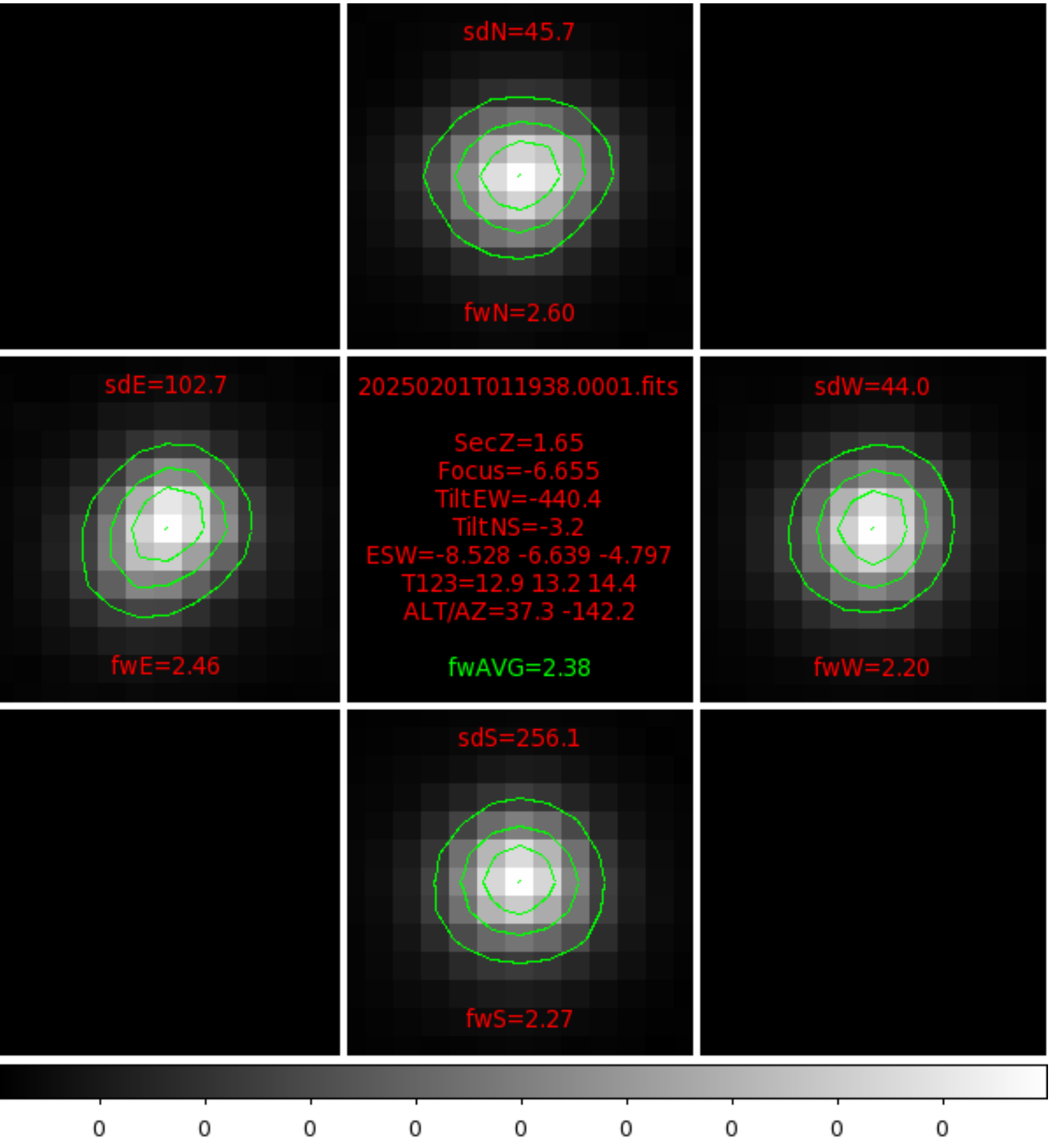
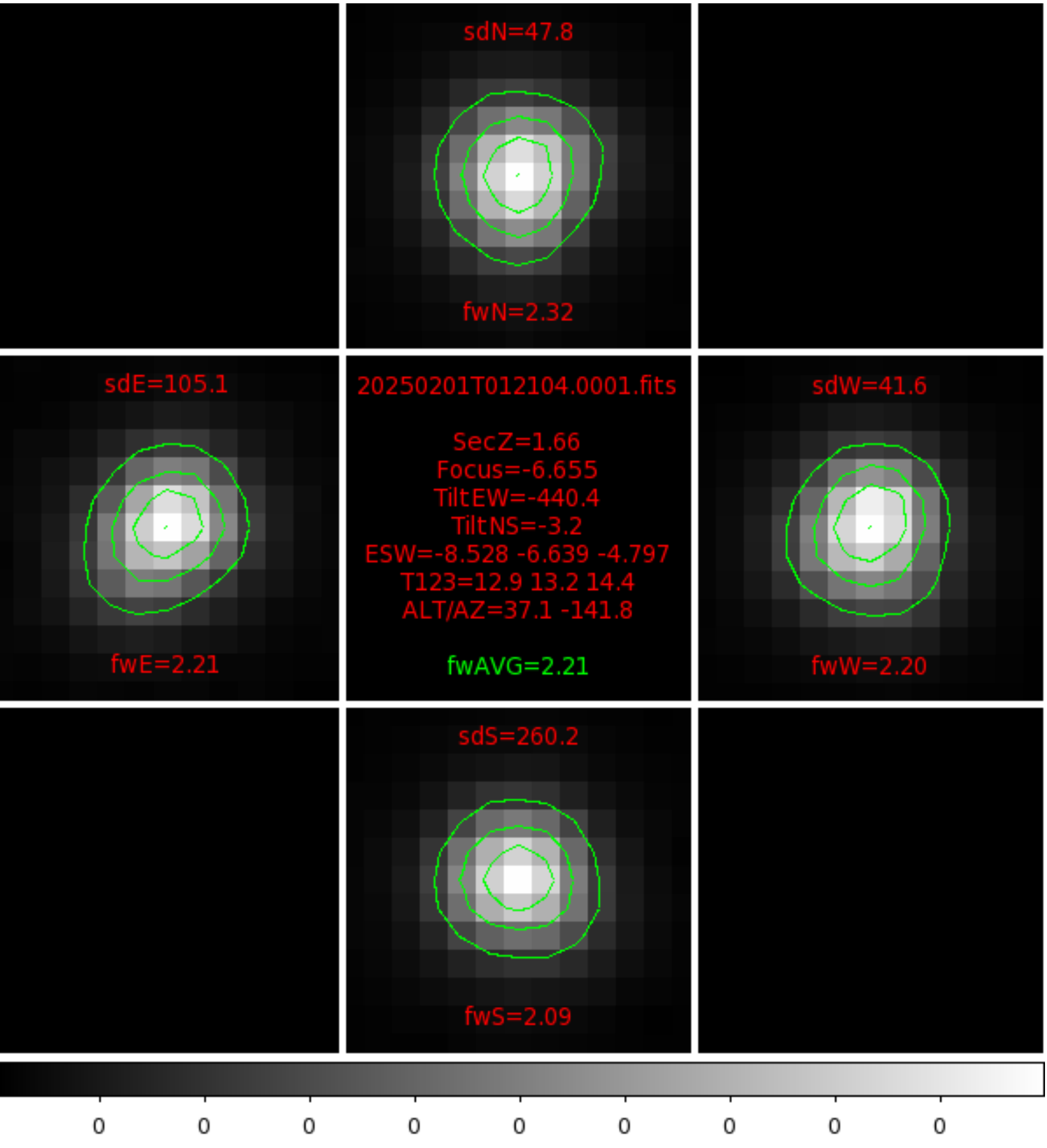
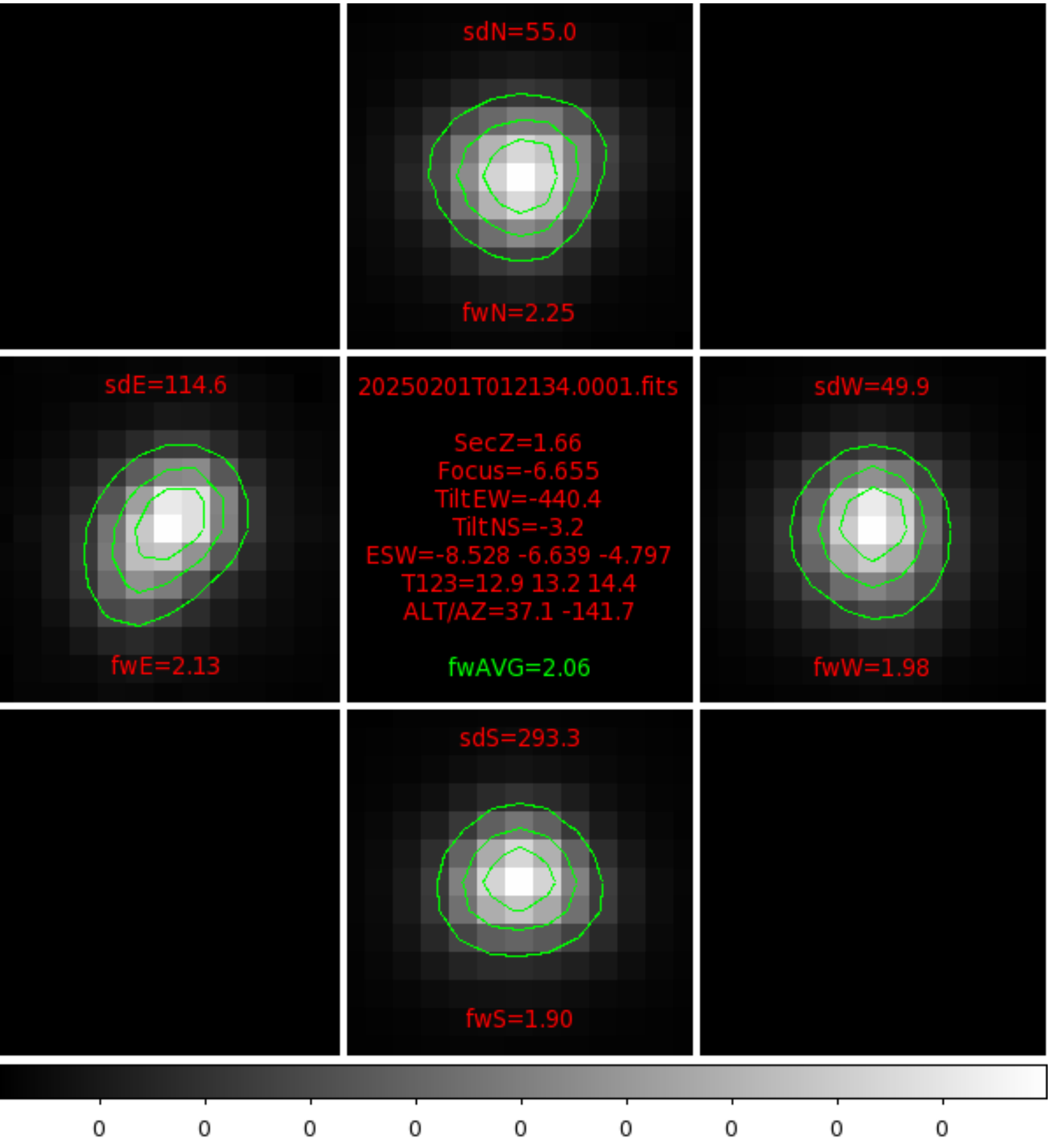

sdN=18.7
fwN=2.68
sdE=44.3
fwE=2.40
20250201T011728.0001.fits
SecZ=1.64
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.2 14.4
ALT/AZ=37.6 -142.8
fwAVG=2.51
sdW=17.9
fwW=2.54
sdS=99.8
fwS=2.43
0 0 0 0 0 0 0 0 0


sdN=28.1
fwN=2.58
sdE=68.6
fwE=2.38
20250201T011907.0001.fits
SecZ=1.65
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.2 14.4
ALT/AZ=37.4 -142.3
fwAVG=2.39
sdW=25.2
fwW=2.31
sdS=157.5
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=45.7
fwN=2.60
sdE=102.7
fwE=2.46
20250201T011938.0001.fits
SecZ=1.65
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.2 14.4
ALT/AZ=37.3 -142.2
fwAVG=2.38
sdW=44.0
fwW=2.20
sdS=256.1
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=47.8
fwN=2.32
sdE=105.1
fwE=2.21
20250201T012104.0001.fits
SecZ=1.66
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.2 14.4
ALT/AZ=37.1 -141.8
fwAVG=2.21
sdW=41.6
fwW=2.20
sdS=260.2
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=55.0
fwN=2.25
sdE=114.6
fwE=2.13
20250201T012134.0001.fits
SecZ=1.66
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.2 14.4
ALT/AZ=37.1 -141.7
fwAVG=2.06
sdW=49.9
fwW=1.98
sdS=293.3
fwS=1.90
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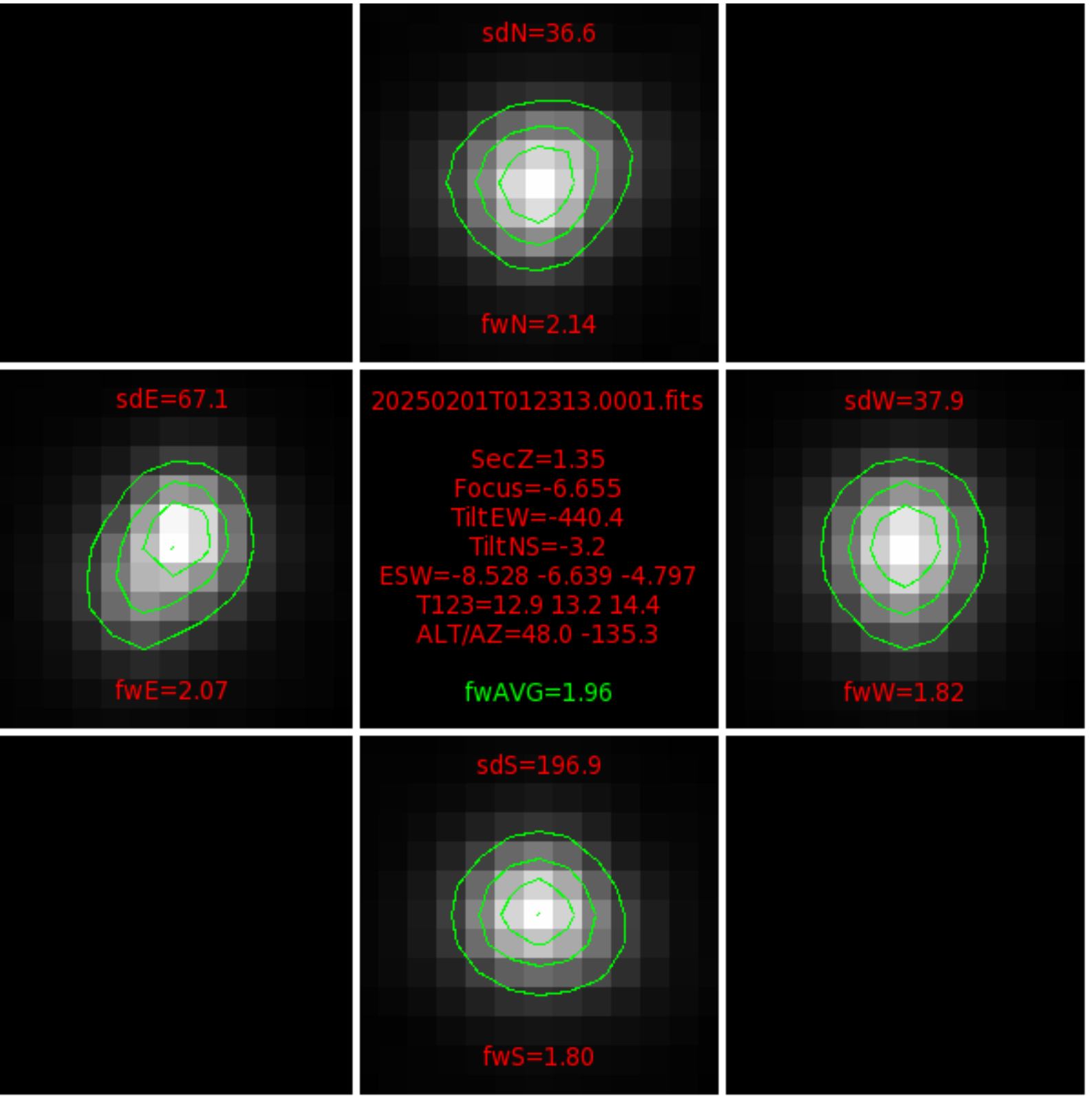
sdN=36.6
fwN=2.14
sdE=67.1
fwE=2.07
20250201T012313.0001.fits
SecZ=1.35
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.2 14.4
ALT/AZ=48.0 -135.3
fwAVG=1.96
sdW=37.9
fwW=1.82
sdS=196.9
fwS=1.80
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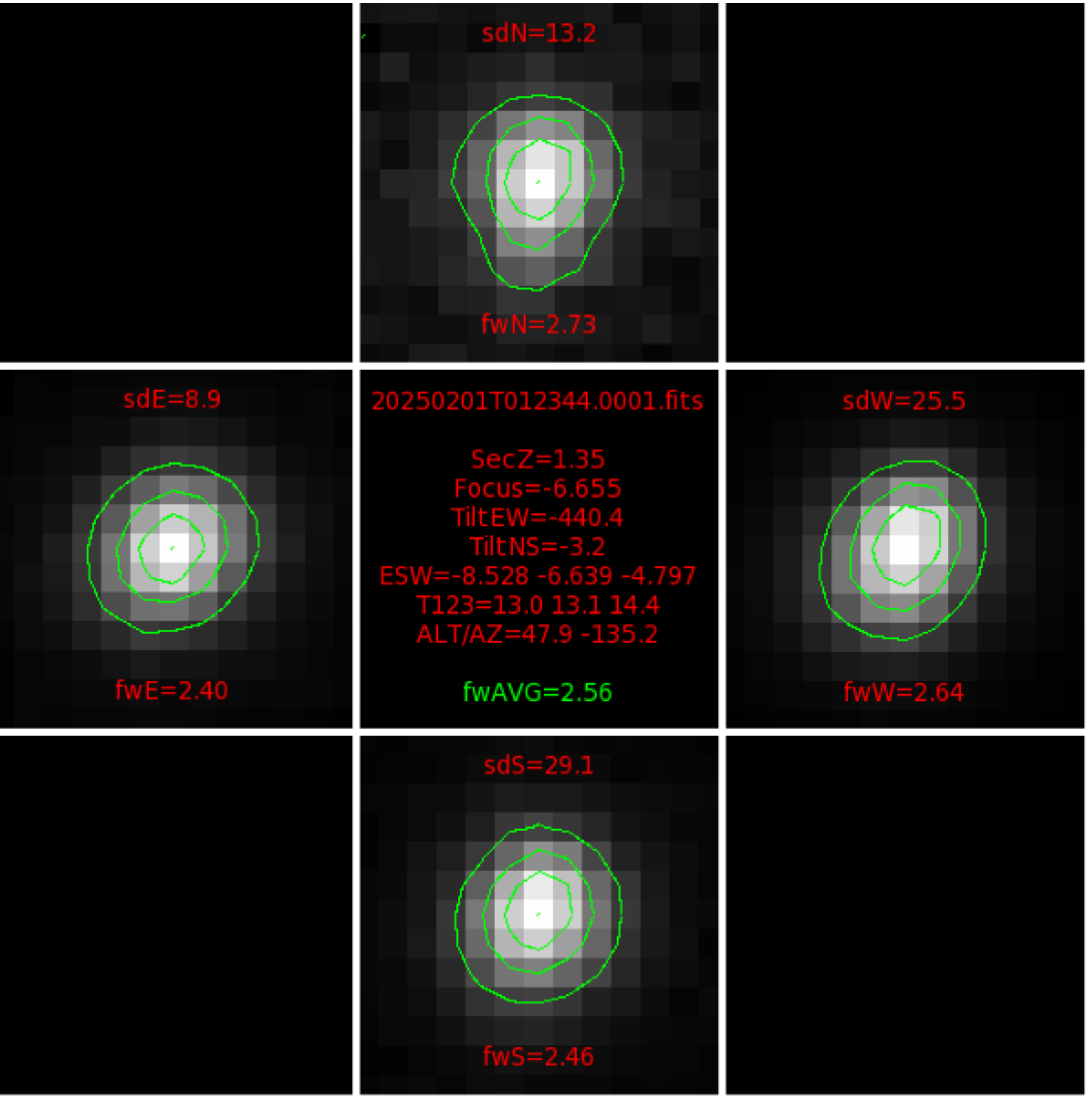
sdN=13.2
fwN=2.73
sdE=8.9
fwE=2.40
20250201T012344.0001.fits
SecZ=1.35
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=13.0 13.1 14.4
ALT/AZ=47.9 -135.2
fwAVG=2.56
sdW=25.5
fwW=2.64
sdS=29.1
fwS=2.46
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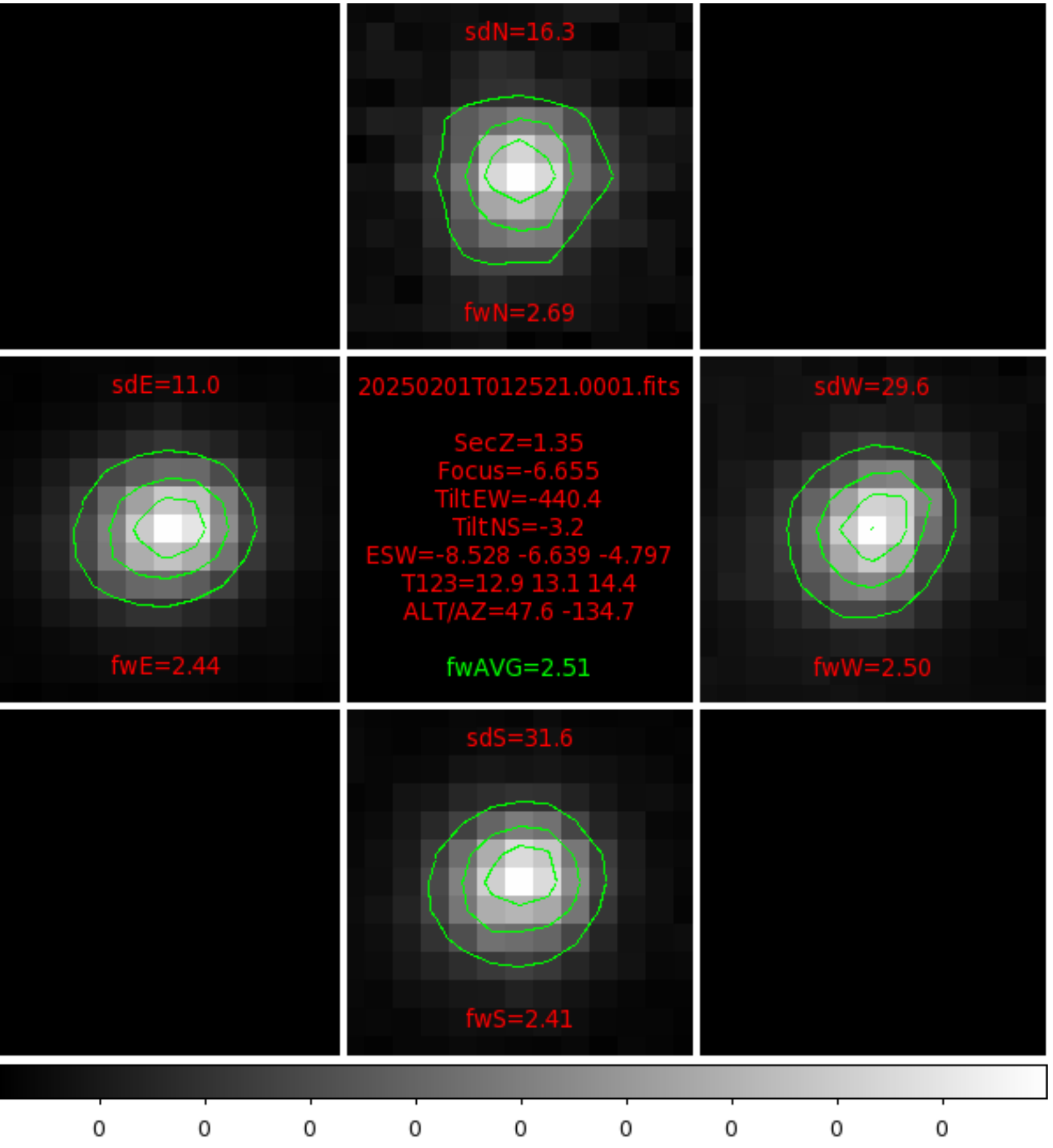
sdN=16.3
fwN=2.69
sdE=11.0
fwE=2.44
20250201T012521.0001.fits
SecZ=1.35
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.1 14.4
ALT/AZ=47.6 -134.7
fwAVG=2.51
sdW=29.6
fwW=2.50
sdS=31.6
fwS=2.41
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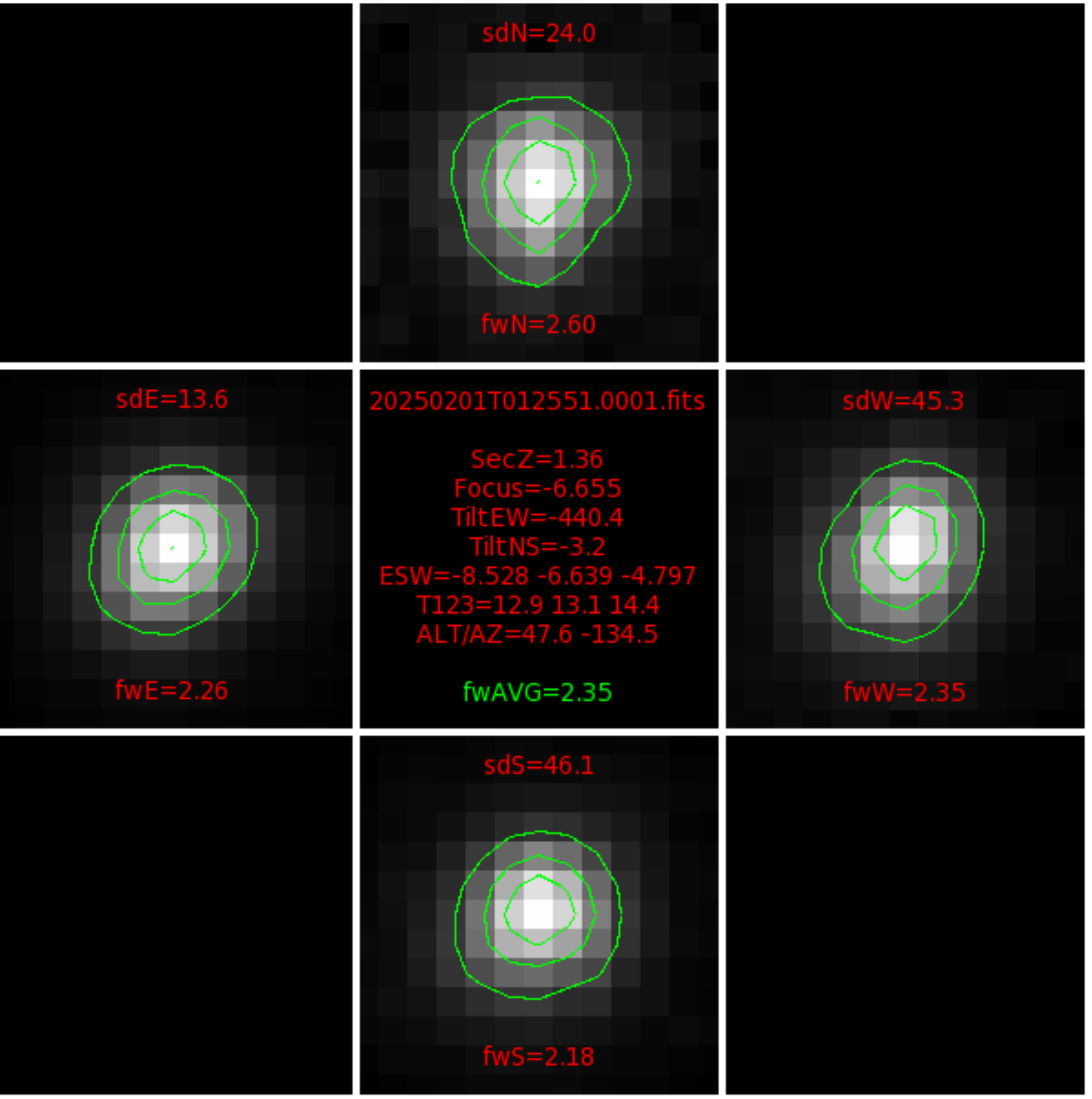
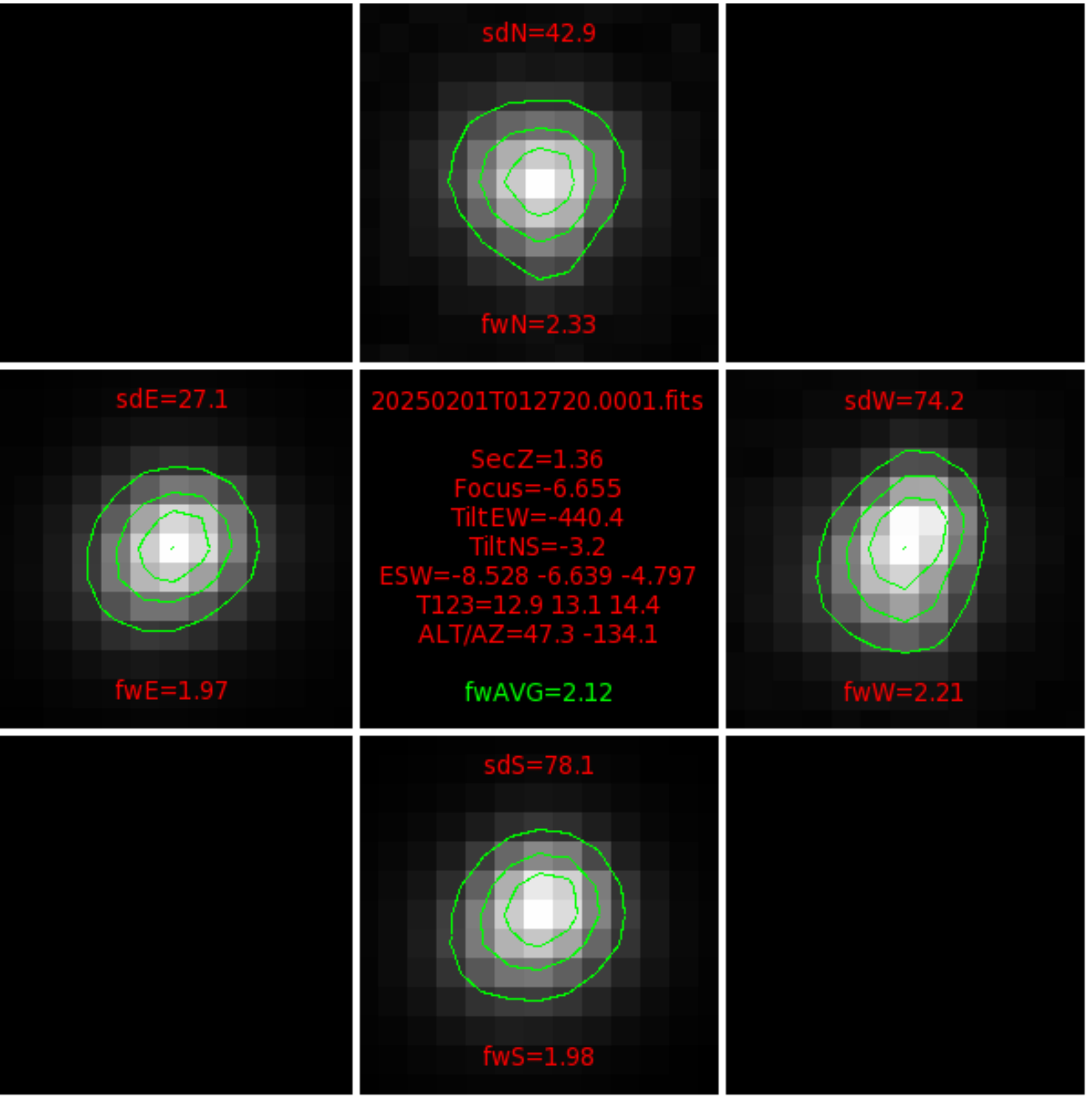
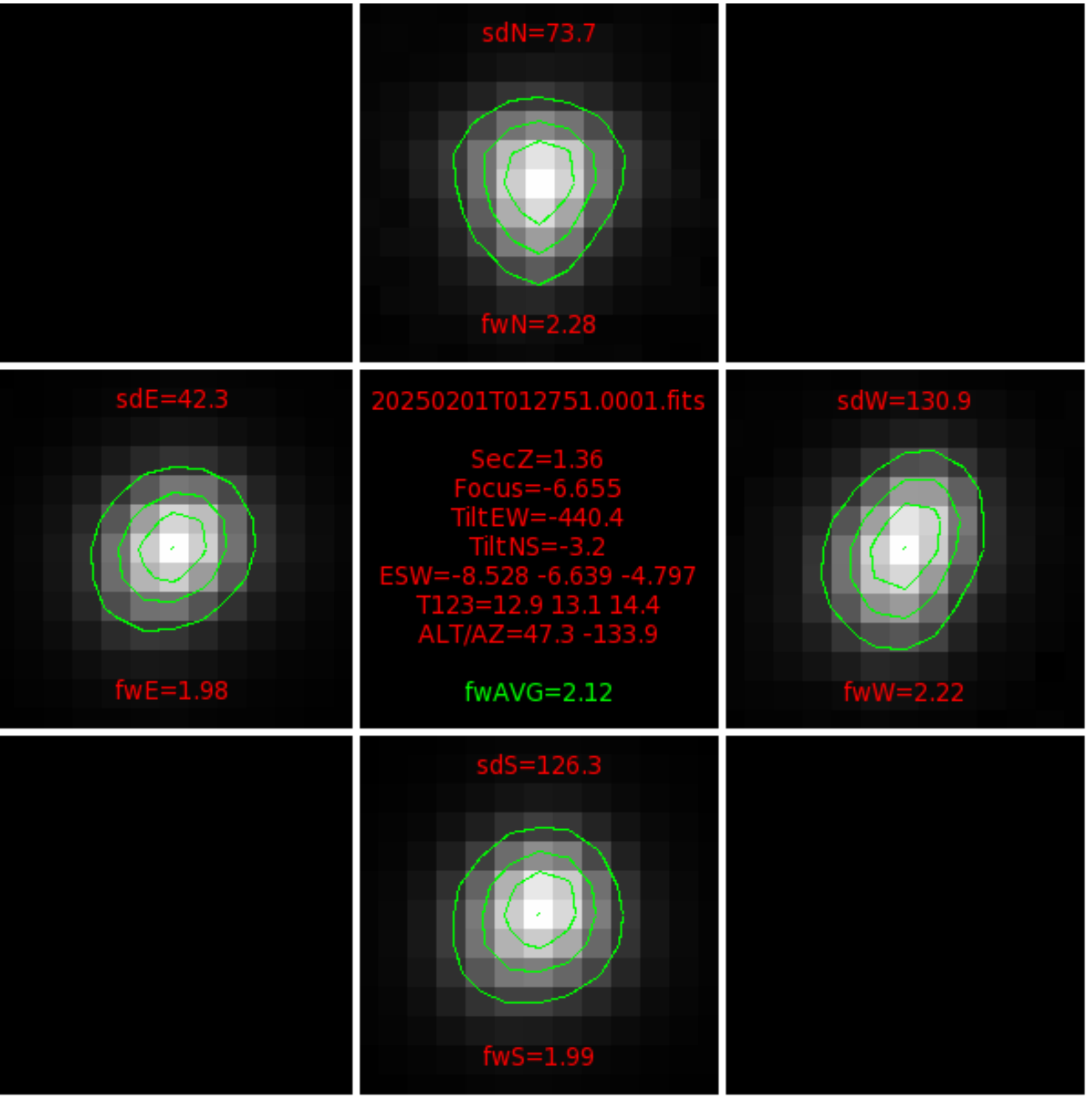
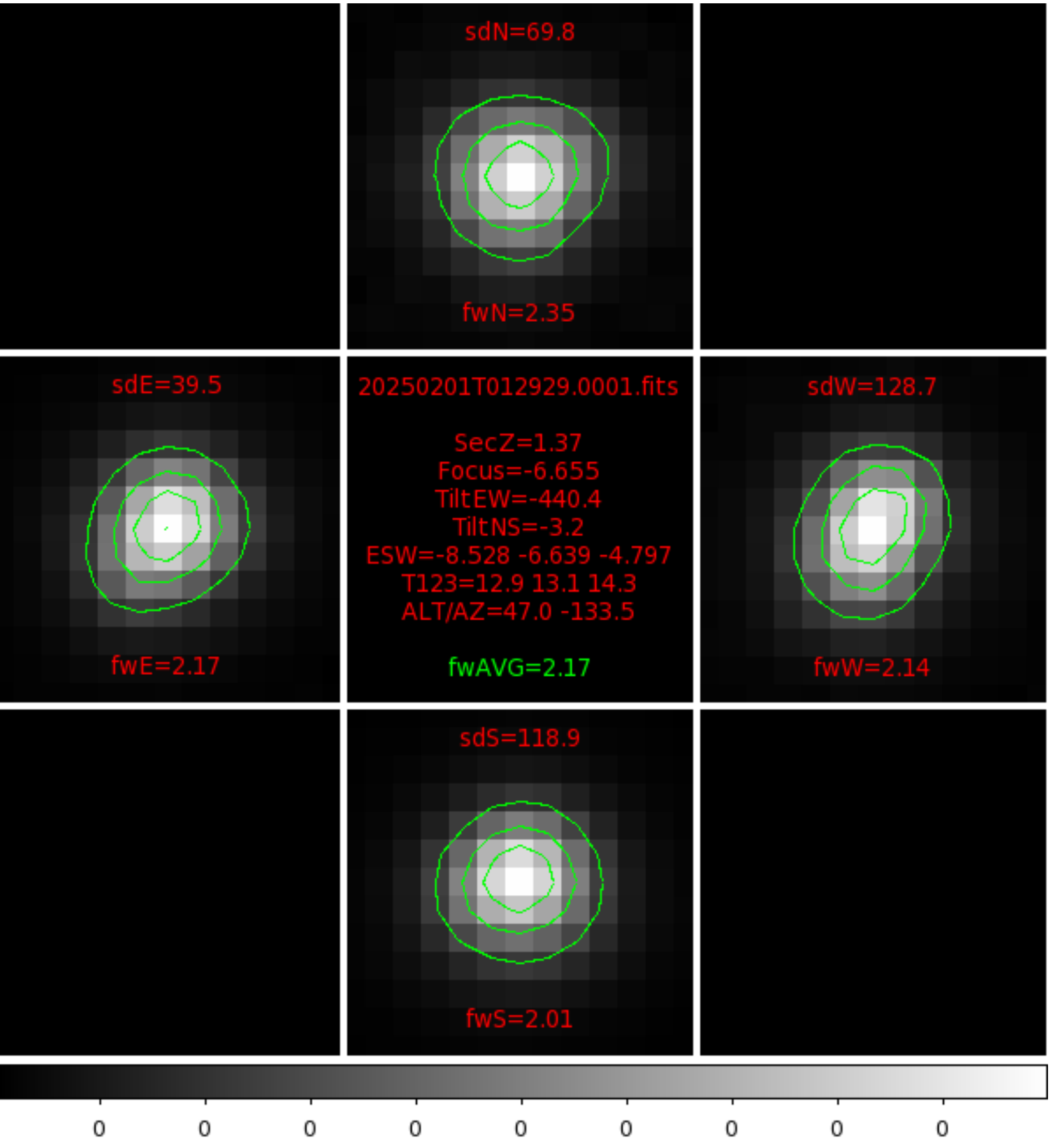
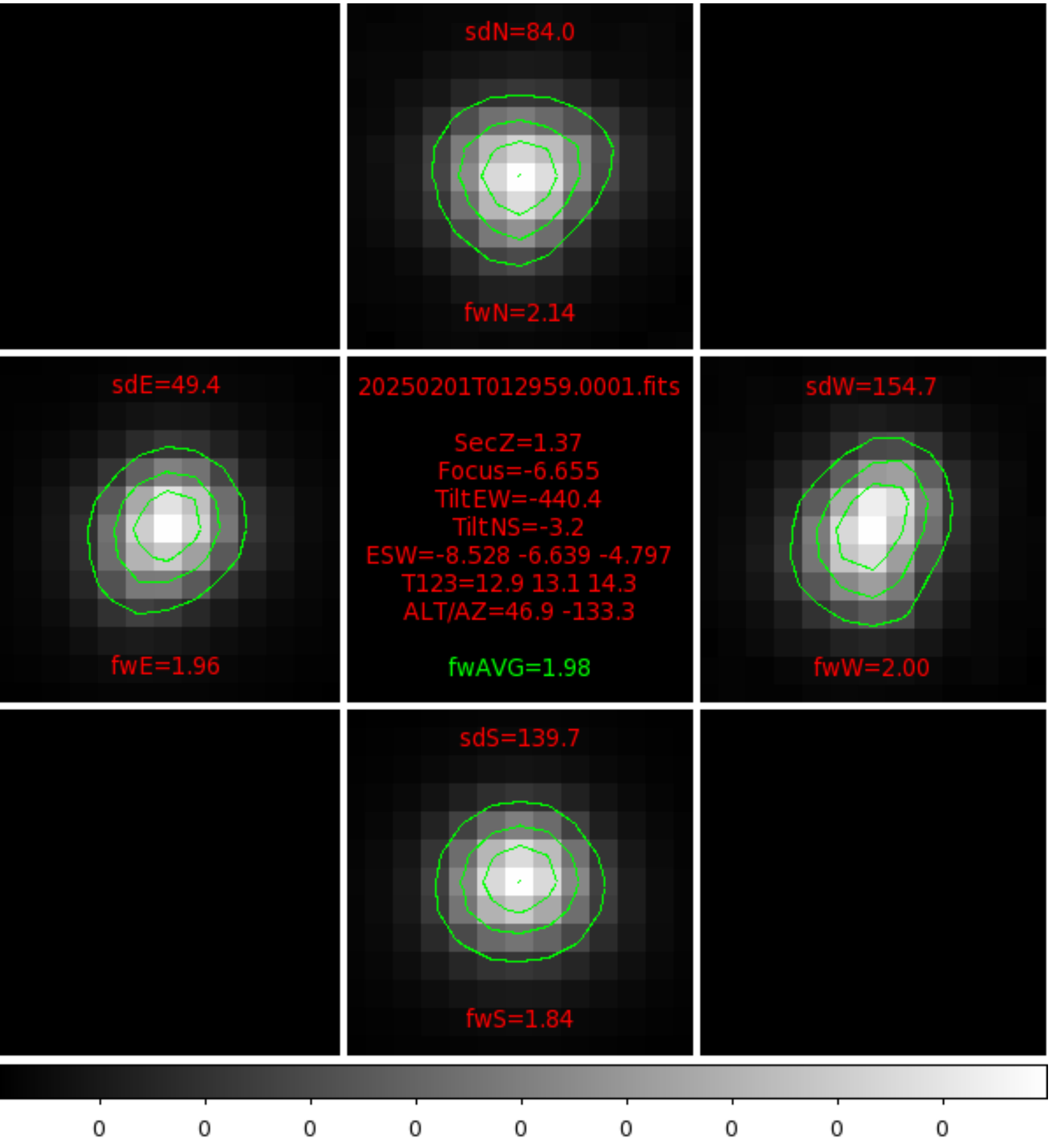
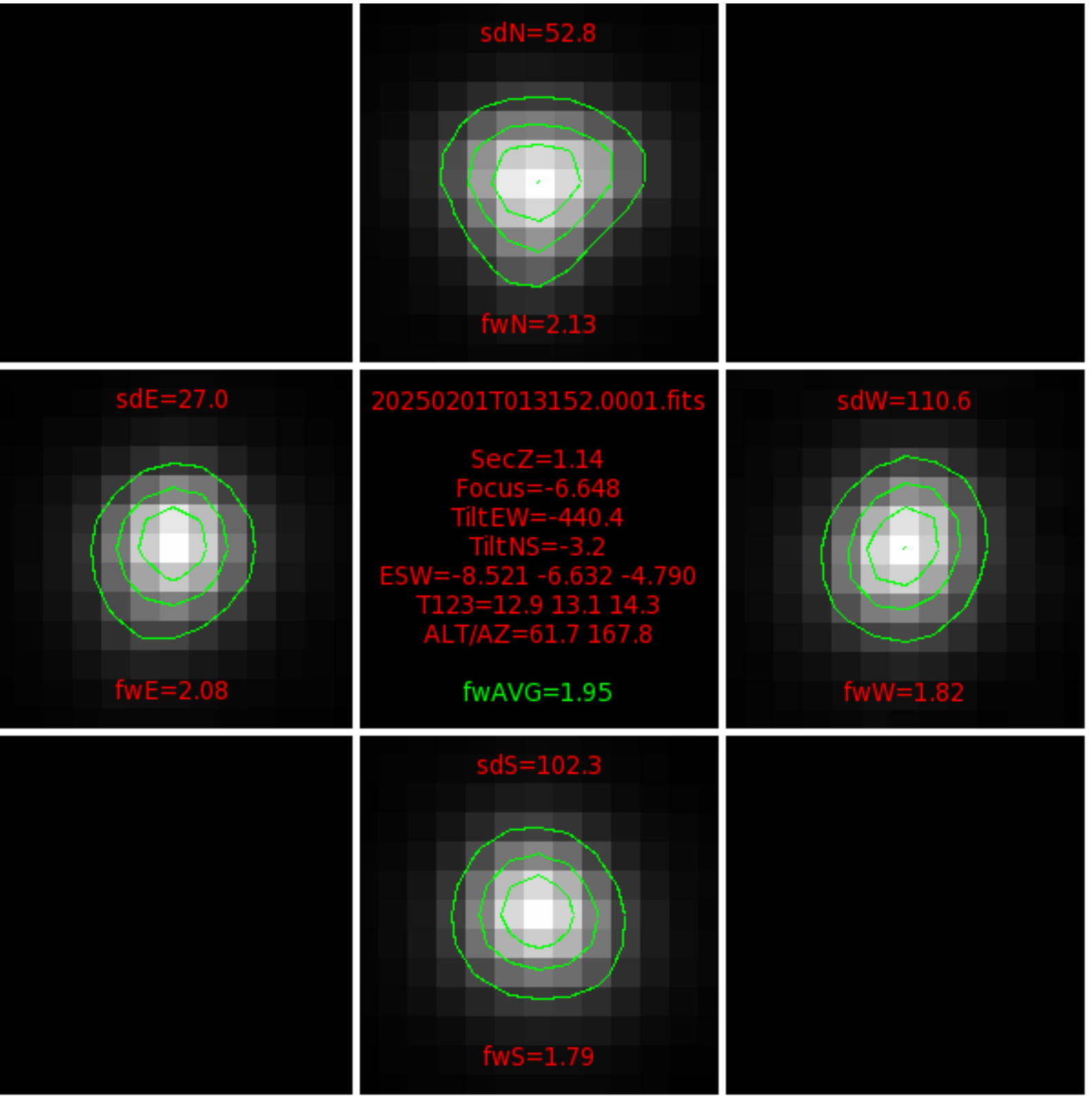

sdN=24.0
fwN=2.60
sdE=13.6
fwE=2.26
20250201T012551.0001.fits
SecZ=1.36
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.1 14.4
ALT/AZ=47.6 -134.5
fwAVG=2.35
sdW=45.3
fwW=2.35
sdS=46.1
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=42.9
fwN=2.33
sdE=27.1
fwE=1.97
20250201T012720.0001.fits
SecZ=1.36
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.1 14.4
ALT/AZ=47.3 -134.1
fwAVG=2.12
sdW=74.2
fwW=2.21
sdS=78.1
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=73.7
fwN=2.28
sdE=42.3
fwE=1.98
20250201T012751.0001.fits
SecZ=1.36
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.1 14.4
ALT/AZ=47.3 -133.9
fwAVG=2.12
sdW=130.9
fwW=2.22
sdS=126.3
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=69.8
fwN=2.35
sdE=39.5
fwE=2.17
20250201T012929.0001.fits
SecZ=1.37
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.1 14.3
ALT/AZ=47.0 -133.5
fwAVG=2.17
sdW=128.7
fwW=2.14
sdS=118.9
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=84.0
fwN=2.14
sdE=49.4
fwE=1.96
20250201T012959.0001.fits
SecZ=1.37
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=12.9 13.1 14.3
ALT/AZ=46.9 -133.3
fwAVG=1.98
sdW=154.7
fwW=2.00
sdS=139.7
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=52.8
fwN=2.13
sdE=27.0
fwE=2.08
20250201T013152.0001.fits
SecZ=1.14
Focus=-6.648
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.521 -6.632 -4.790
T123=12.9 13.1 14.3
ALT/AZ=61.7 167.8
fwAVG=1.95
sdW=110.6
fwW=1.82
sdS=102.3
fwS=1.79
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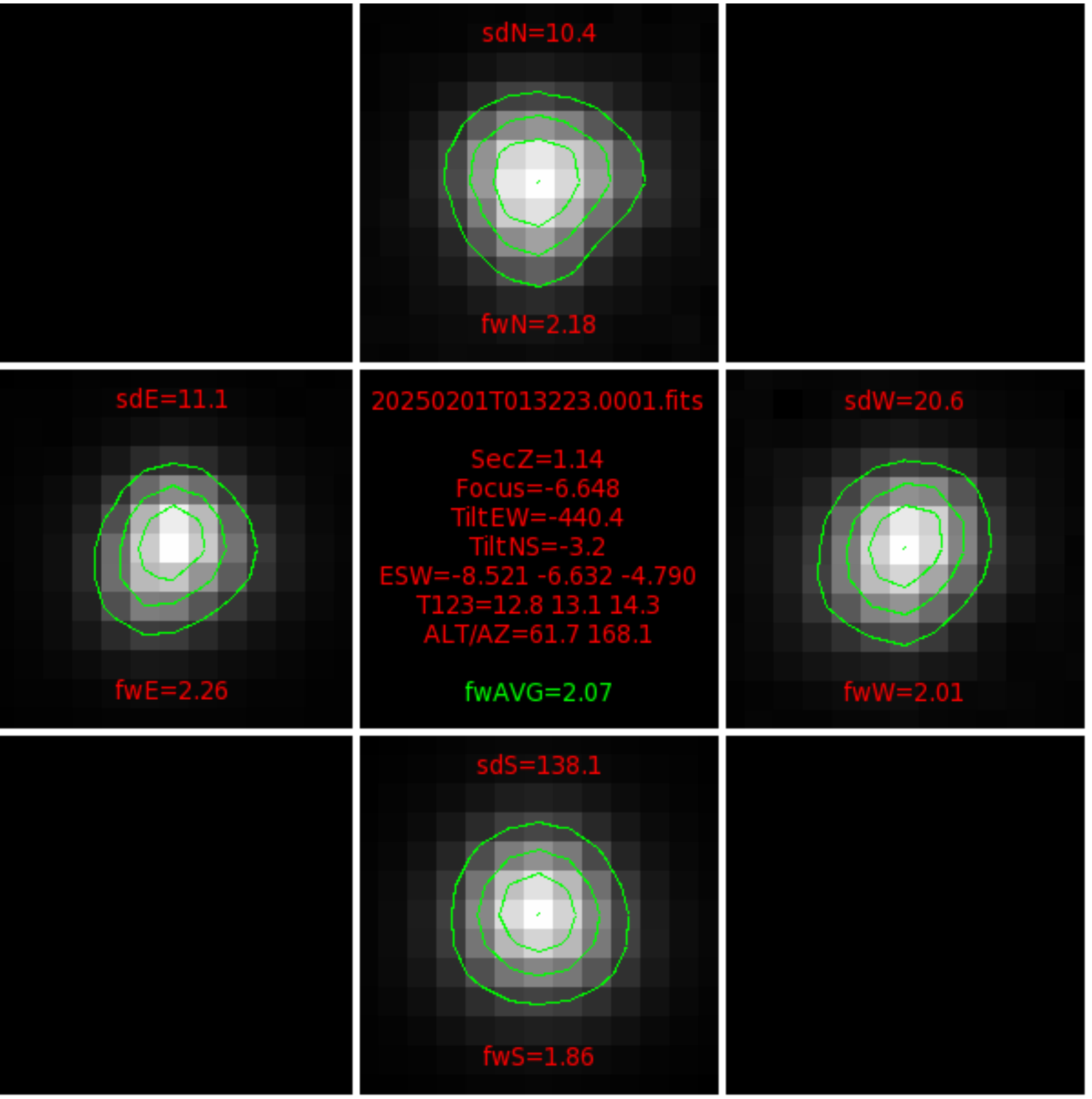
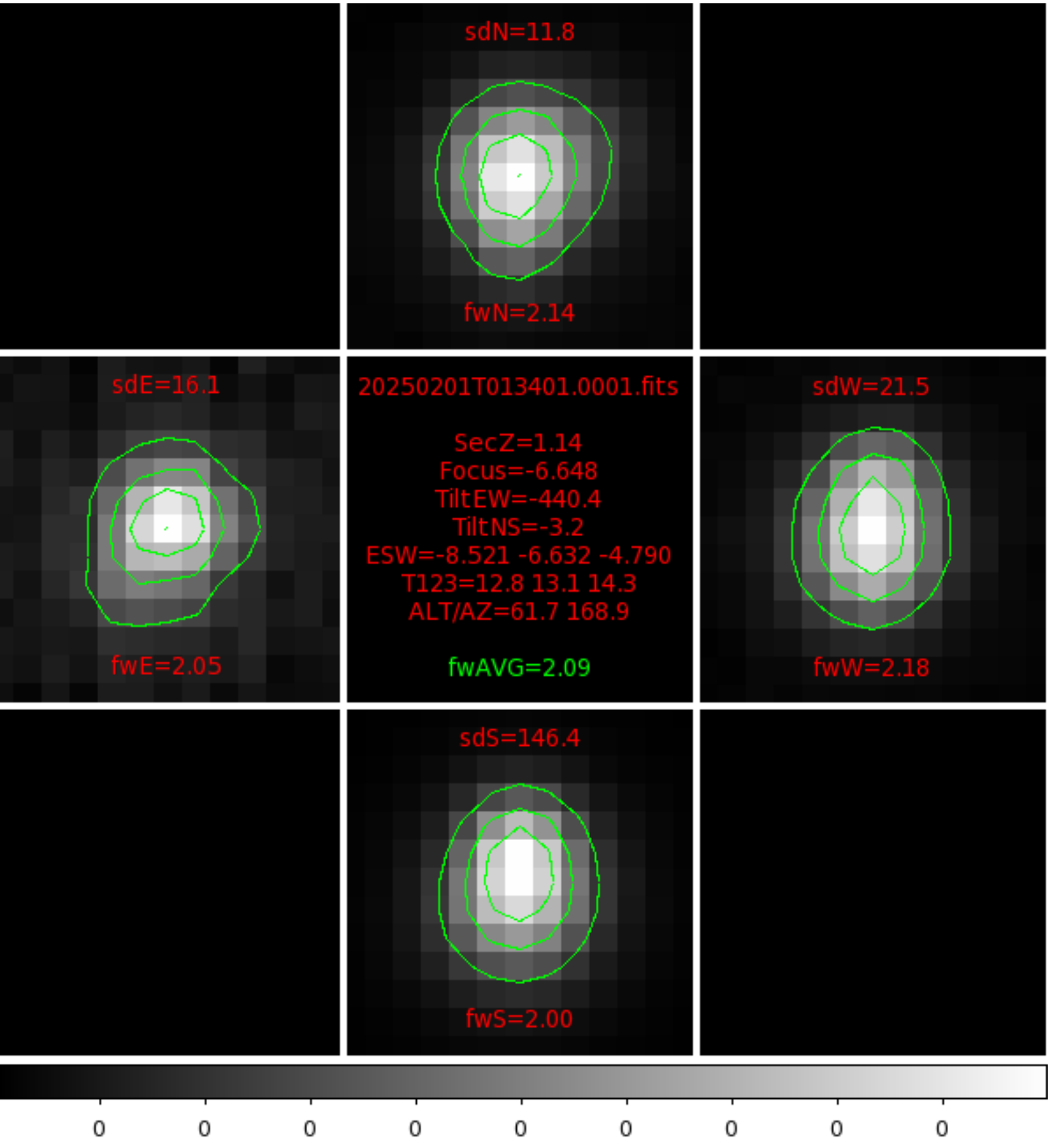
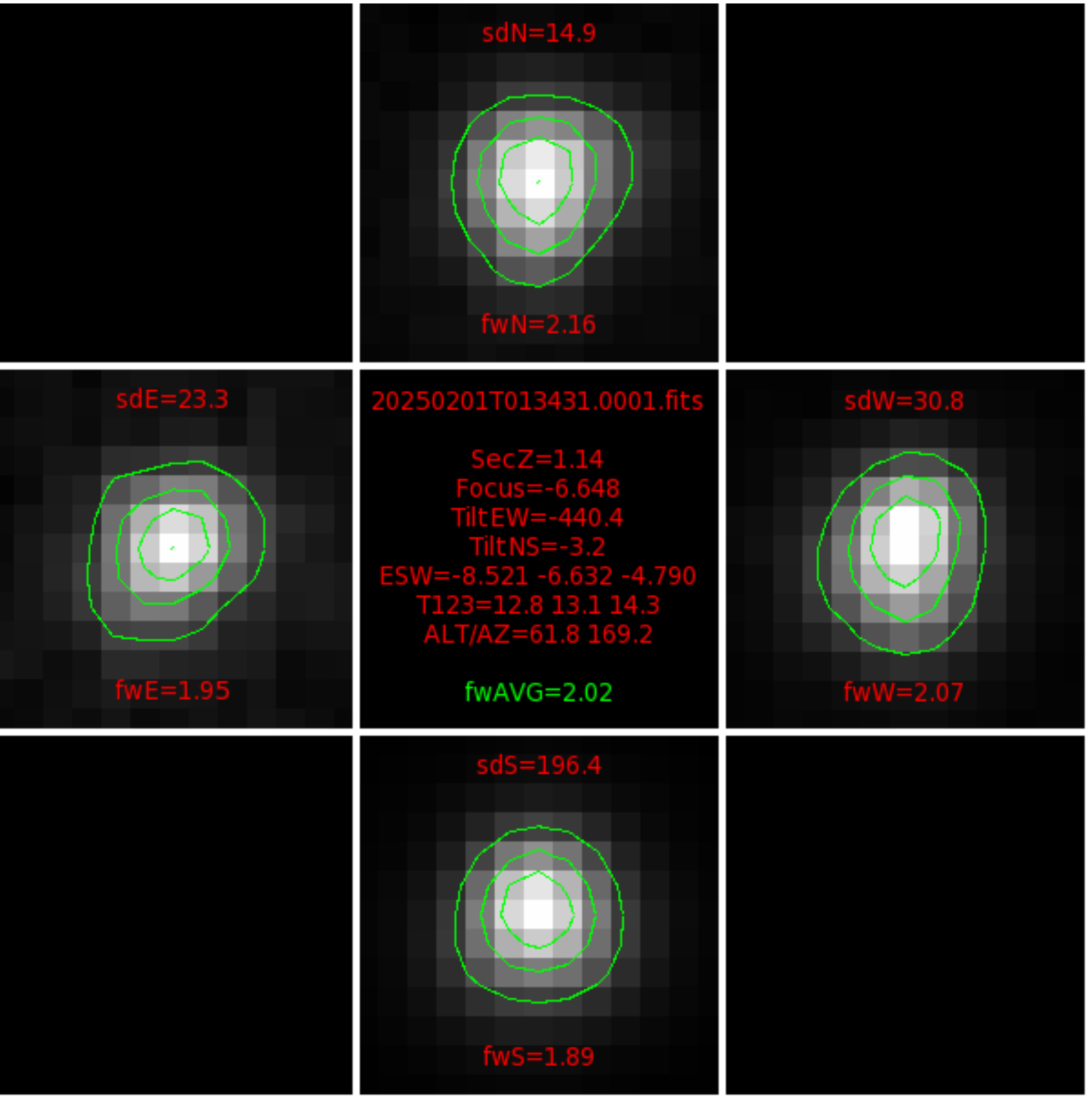
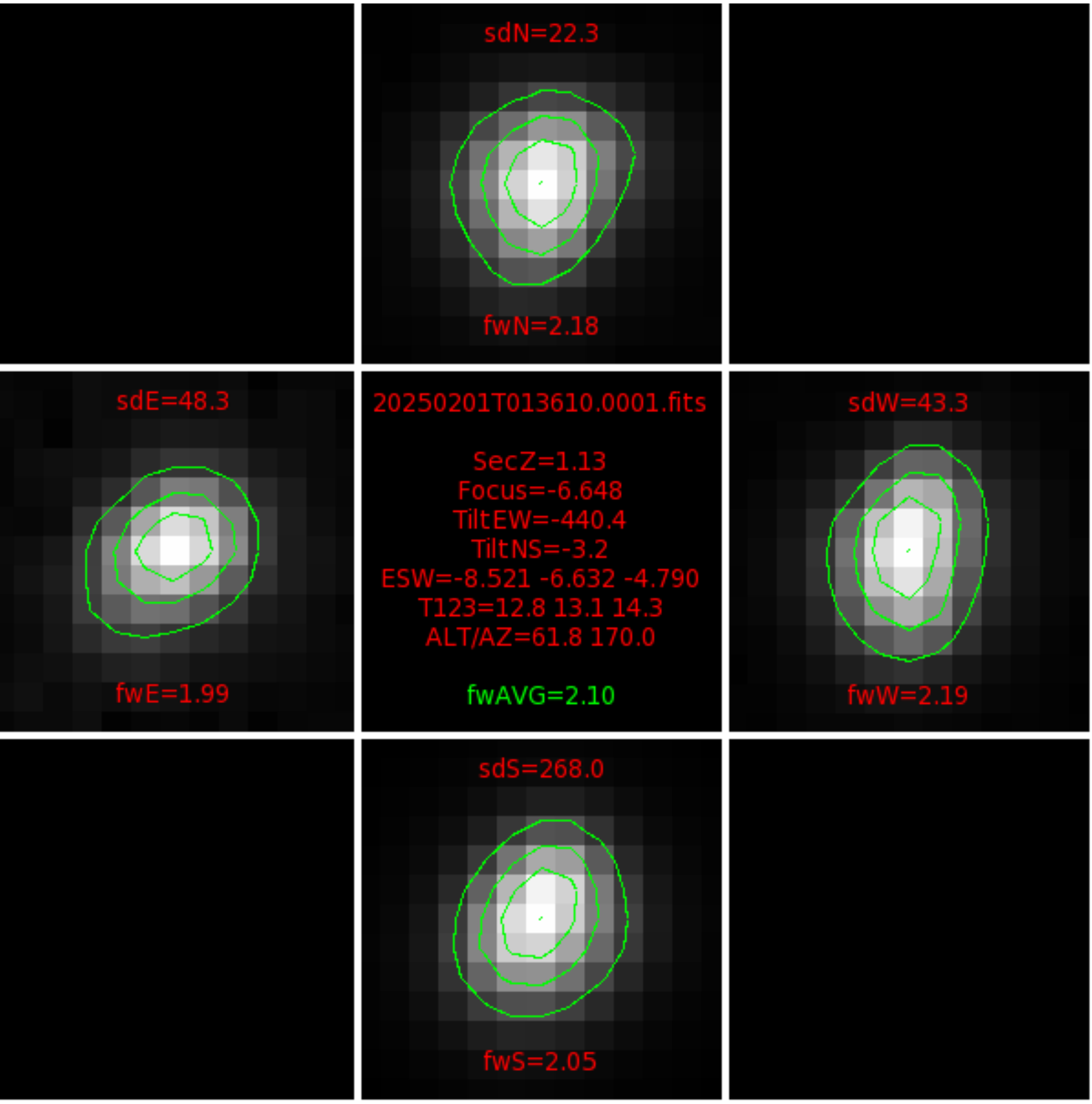
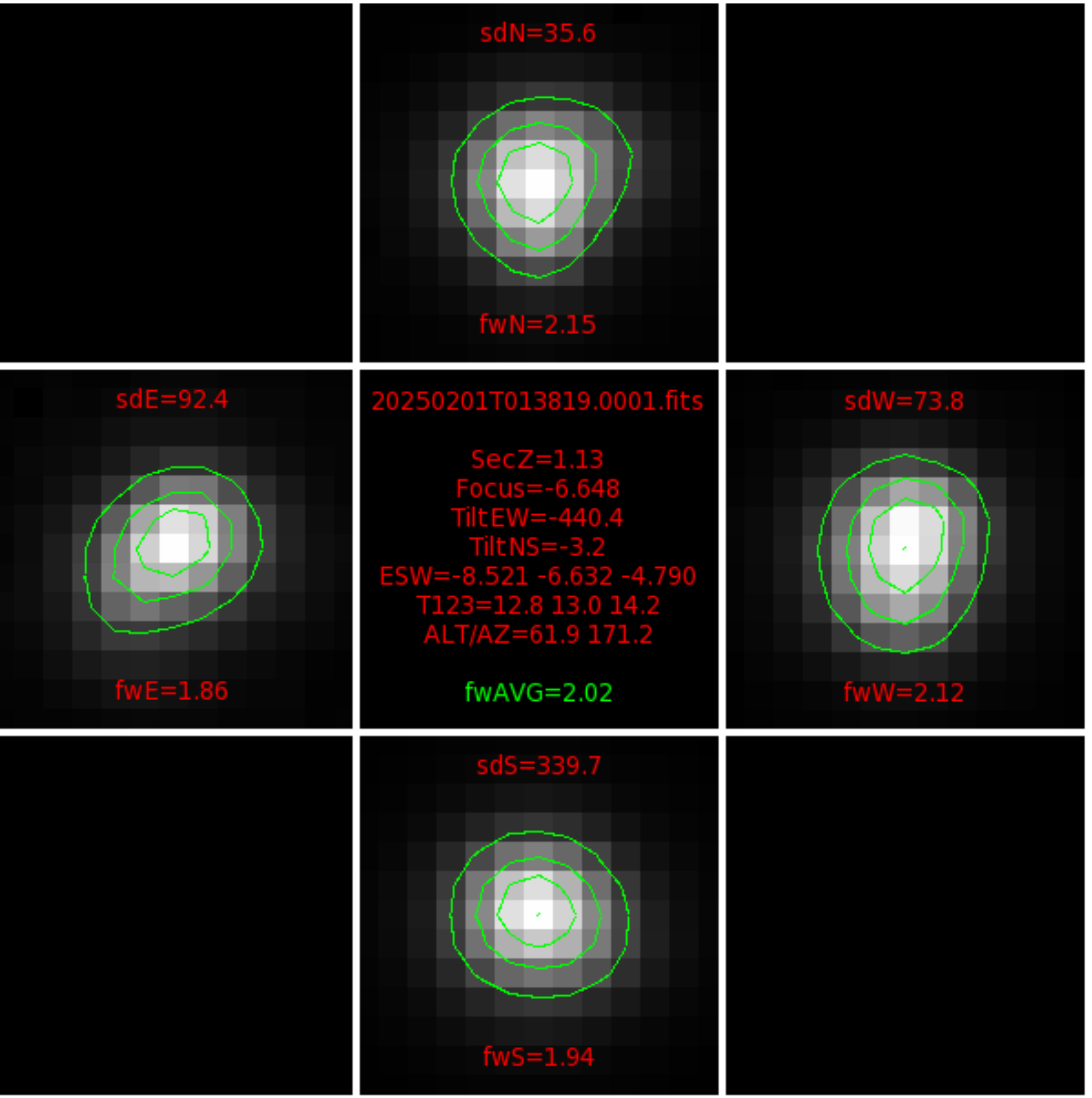

sdN=10.4
fwN=2.18
sdE=11.1
fwE=2.26
20250201T013223.0001.fits
SecZ=1.14
Focus=-6.648
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.521 -6.632 -4.790
T123=12.8 13.1 14.3
ALT/AZ=61.7 168.1
fwAVG=2.07
sdW=20.6
fwW=2.01
sdS=138.1
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=11.8
fwN=2.14
sdE=16.1
fwE=2.05
20250201T013401.0001.fits
SecZ=1.14
Focus=-6.648
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.521 -6.632 -4.790
T123=12.8 13.1 14.3
ALT/AZ=61.7 168.9
fwAVG=2.09
sdW=21.5
fwW=2.18
sdS=146.4
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=14.9
fwN=2.16
sdE=23.3
fwE=1.95
20250201T013431.0001.fits
SecZ=1.14
Focus=-6.648
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.521 -6.632 -4.790
T123=12.8 13.1 14.3
ALT/AZ=61.8 169.2
fwAVG=2.02
sdW=30.8
fwW=2.07
sdS=196.4
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=22.3
fwN=2.18
sdE=48.3
fwE=1.99
20250201T013610.0001.fits
SecZ=1.13
Focus=-6.648
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.521 -6.632 -4.790
T123=12.8 13.1 14.3
ALT/AZ=61.8 170.0
fwAVG=2.10
sdW=43.3
fwW=2.19
sdS=268.0
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=35.6
fwN=2.15
sdE=92.4
fwE=1.86
20250201T013819.0001.fits
SecZ=1.13
Focus=-6.648
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.521 -6.632 -4.790
T123=12.8 13.0 14.2
ALT/AZ=61.9 171.2
fwAVG=2.02
sdW=73.8
fwW=2.12
sdS=339.7
fwS=1.94
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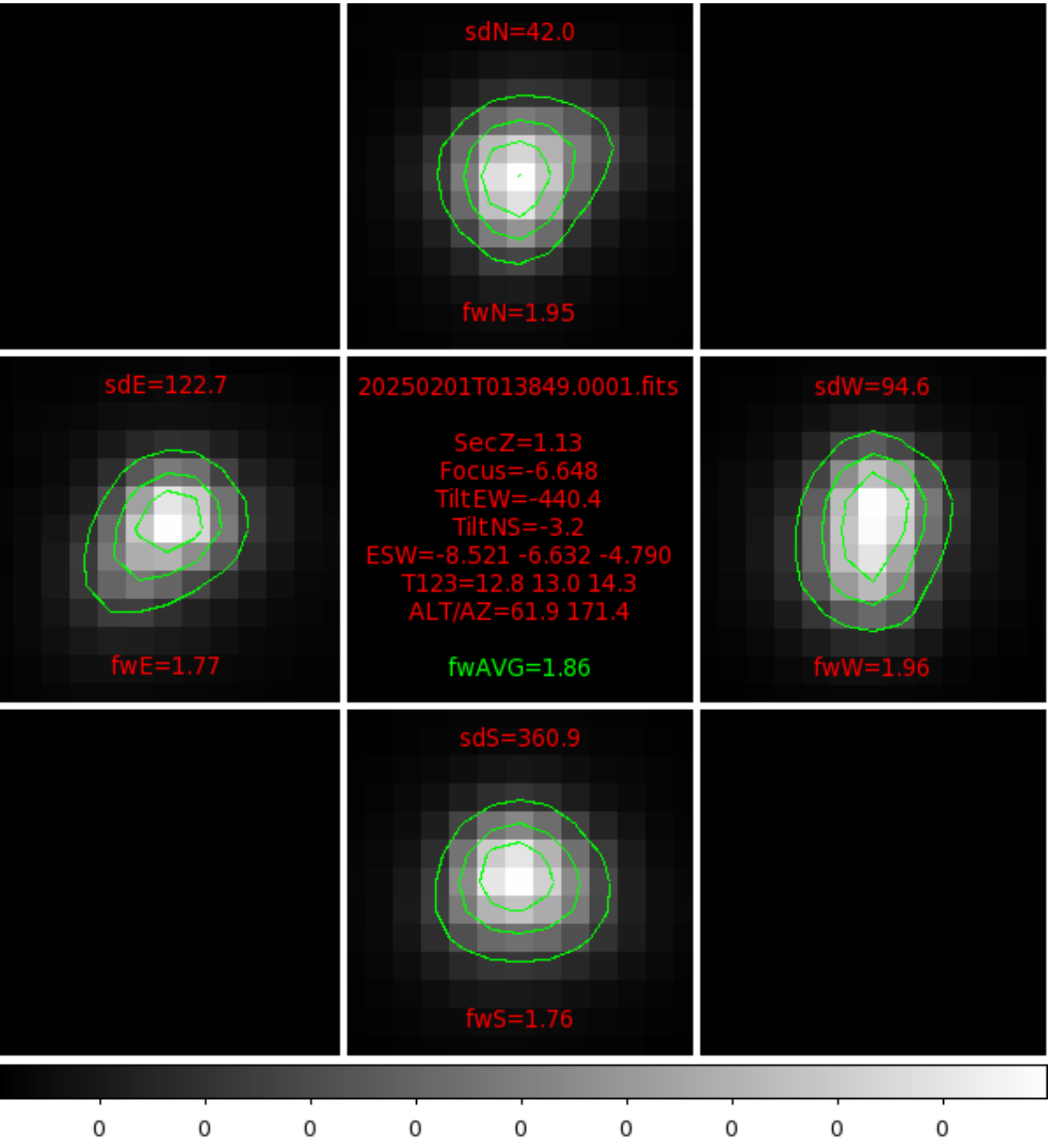
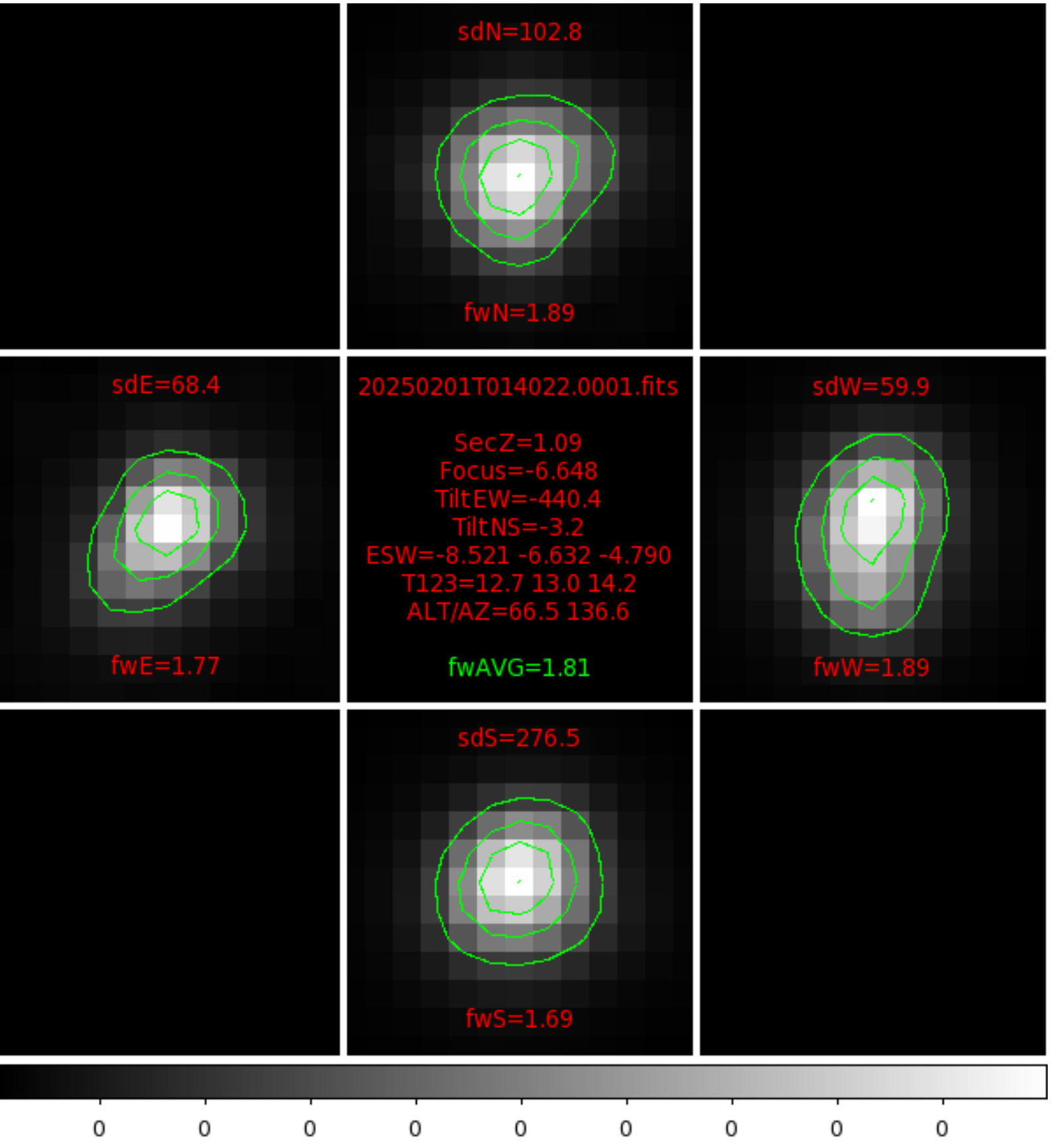
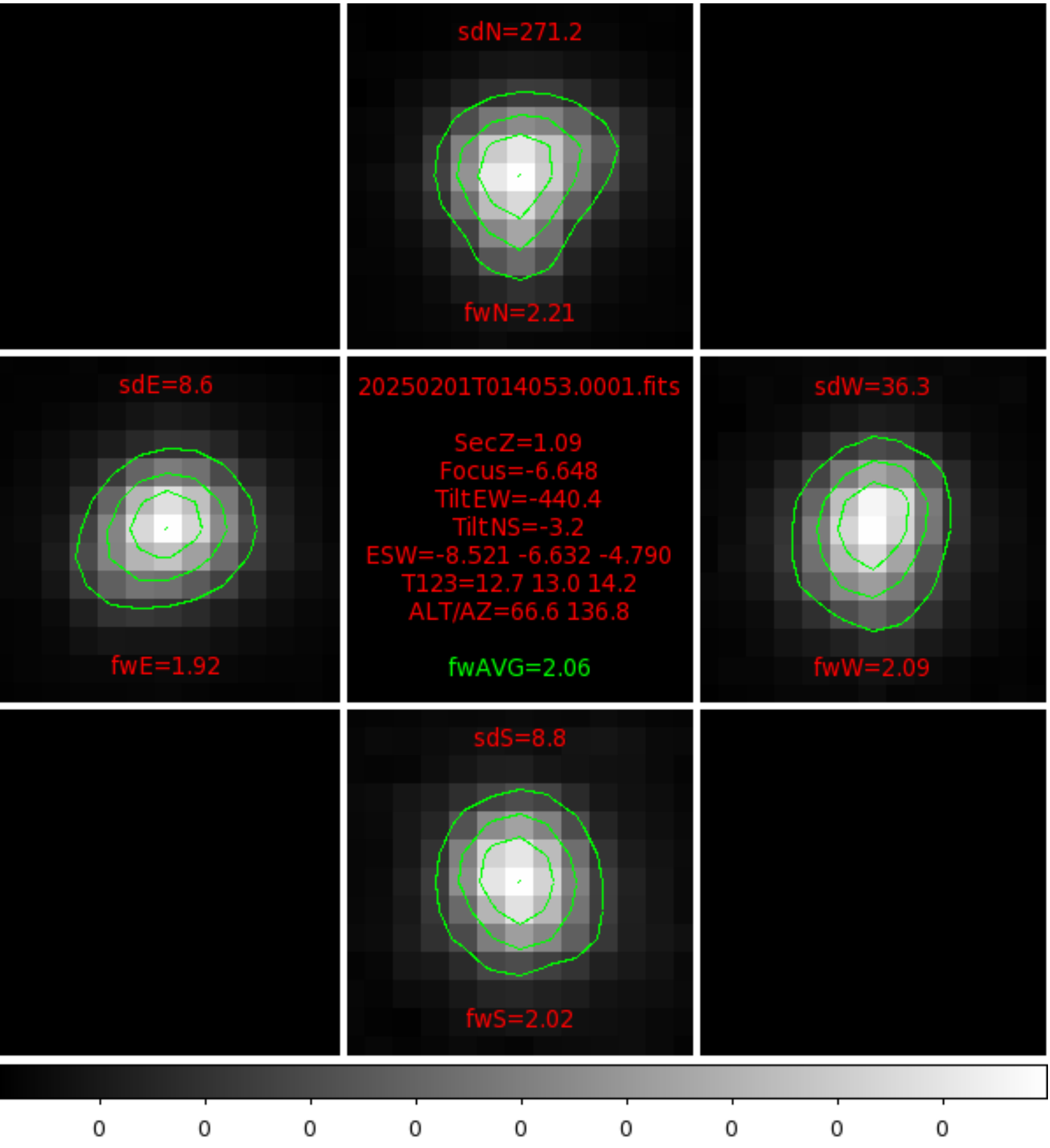
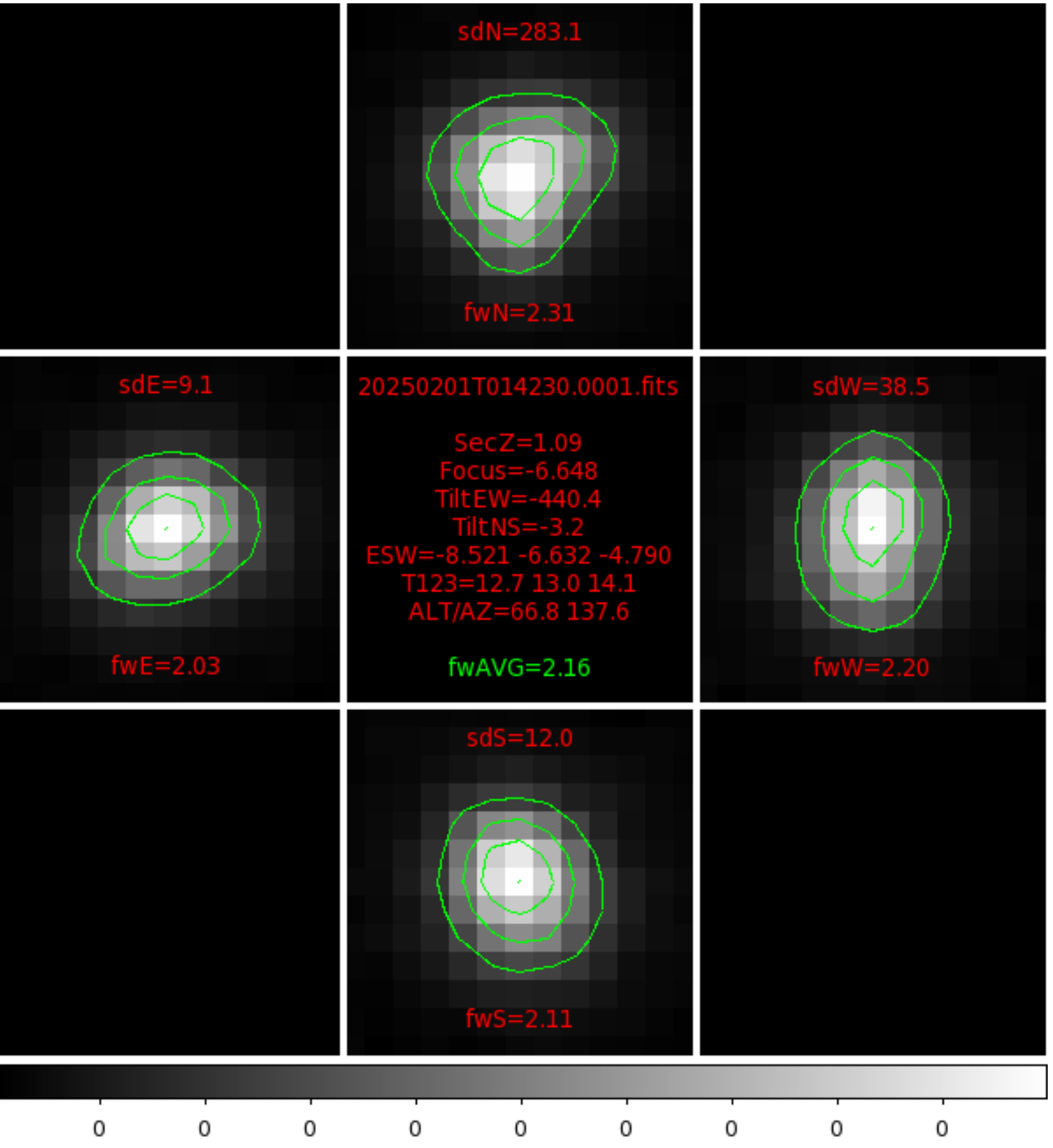
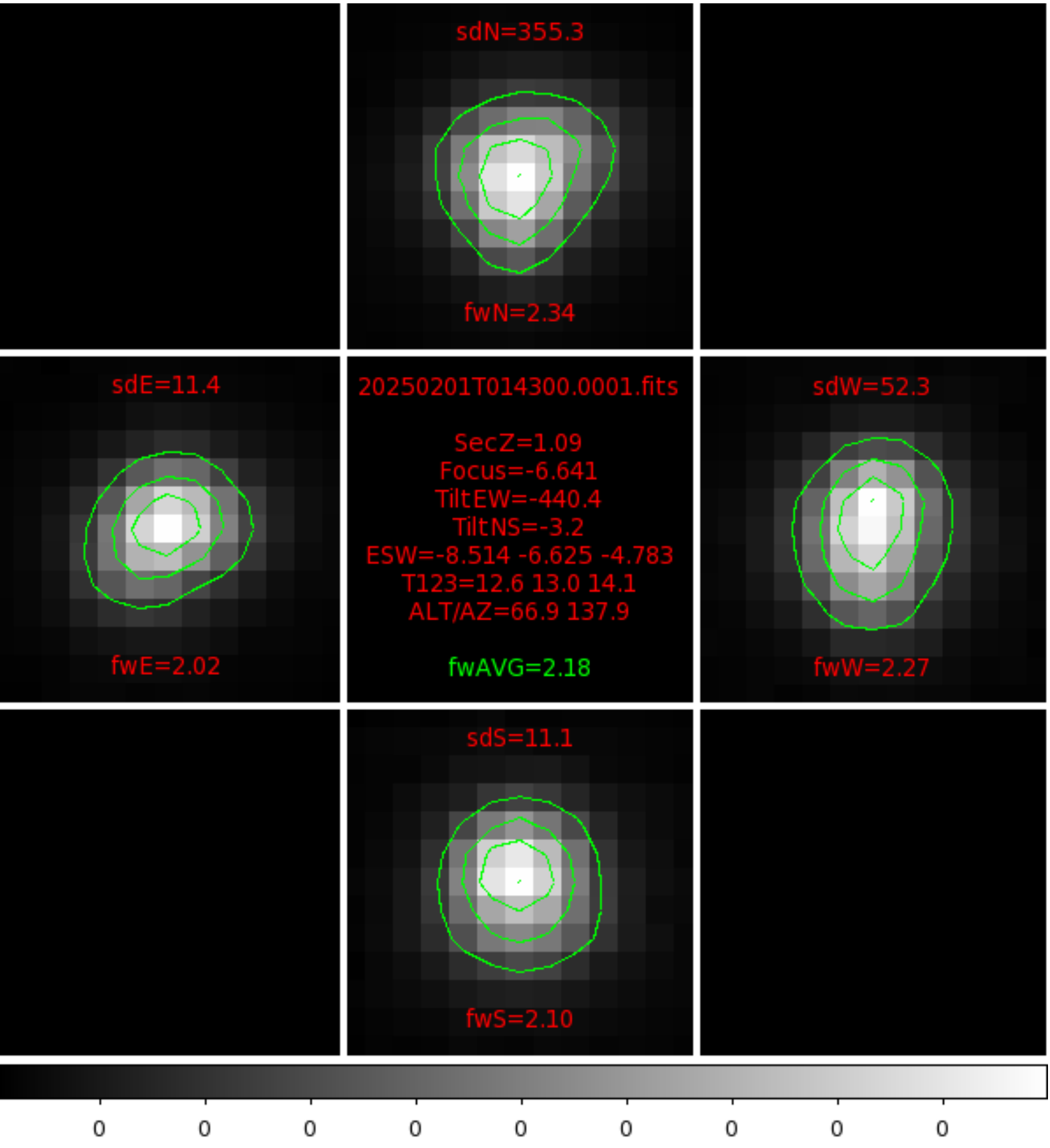
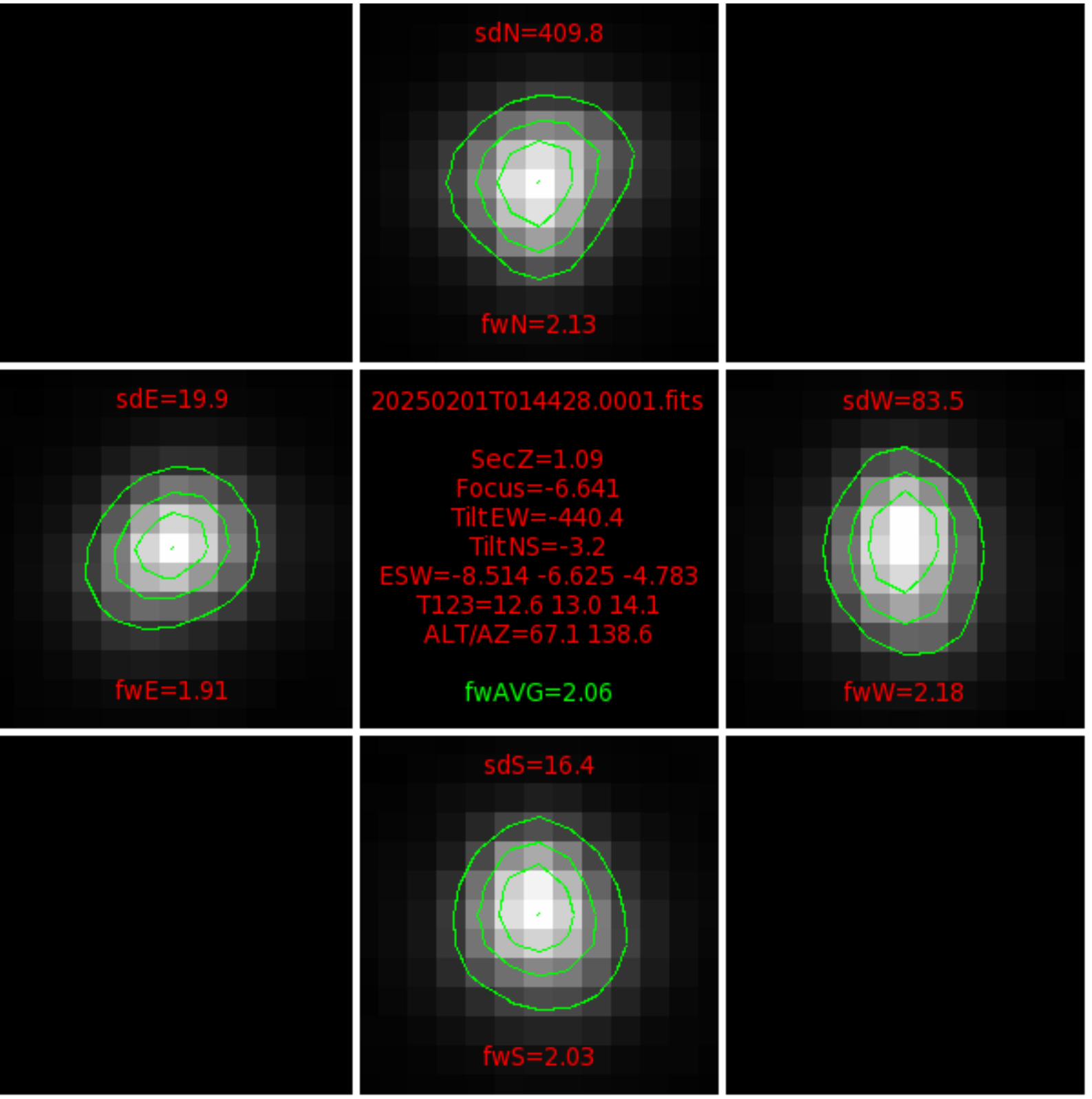

sdN=42.0
fwN=1.95
sdE=122.7
fwE=1.77
20250201T013849.0001.fits
SecZ=1.13
Focus=-6.648
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.521 -6.632 -4.790
T123=12.8 13.0 14.3
ALT/AZ=61.9 171.4
fwAVG=1.86
sdW=94.6
fwW=1.96
sdS=360.9
fwS=1.76
0 0 0 0 0 0 0 0 0

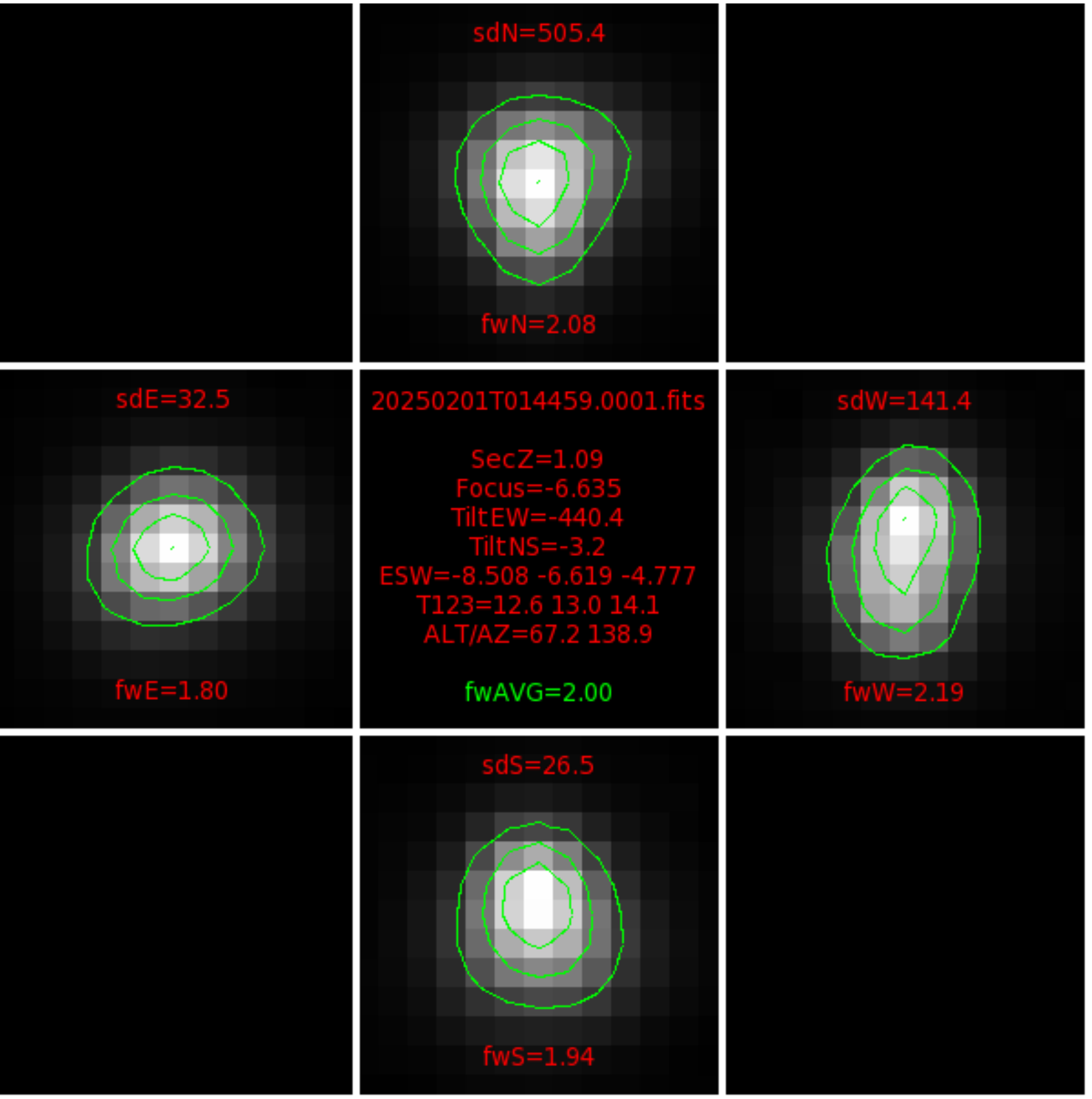

sdN=102.8
fwN=1.89
sdE=68.4
fwE=1.77
20250201T014022.0001.fits
SecZ=1.09
Focus=-6.648
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.521 -6.632 -4.790
T123=12.7 13.0 14.2
ALT/AZ=66.5 136.6
fwAVG=1.81
sdW=59.9
fwW=1.89
sdS=276.5
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=271.2
fwN=2.21
sdE=8.6
fwE=1.92
20250201T014053.0001.fits
SecZ=1.09
Focus=-6.648
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.521 -6.632 -4.790
T123=12.7 13.0 14.2
ALT/AZ=66.6 136.8
fwAVG=2.06
sdW=36.3
fwW=2.09
sdS=8.8
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=283.1
fwN=2.31
sdE=9.1
fwE=2.03
20250201T014230.0001.fits
SecZ=1.09
Focus=-6.648
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.521 -6.632 -4.790
T123=12.7 13.0 14.1
ALT/AZ=66.8 137.6
fwAVG=2.16
sdW=38.5
fwW=2.20
sdS=12.0
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=355.3
fwN=2.34
sdE=11.4
fwE=2.02
20250201T014300.0001.fits
SecZ=1.09
Focus=-6.641
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.514 -6.625 -4.783
T123=12.6 13.0 14.1
ALT/AZ=66.9 137.9
fwAVG=2.18
sdW=52.3
fwW=2.27
sdS=11.1
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=409.8
fwN=2.13
sdE=19.9
fwE=1.91
20250201T014428.0001.fits
SecZ=1.09
Focus=-6.641
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.514 -6.625 -4.783
T123=12.6 13.0 14.1
ALT/AZ=67.1 138.6
fwAVG=2.06
sdW=83.5
fwW=2.18
sdS=16.4
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=505.4
fwN=2.08
sdE=32.5
fwE=1.80
20250201T014459.0001.fits
SecZ=1.09
Focus=-6.635
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.508 -6.619 -4.777
T123=12.6 13.0 14.1
ALT/AZ=67.2 138.9
fwAVG=2.00
sdW=141.4
fwW=2.19
sdS=26.5
fwS=1.94
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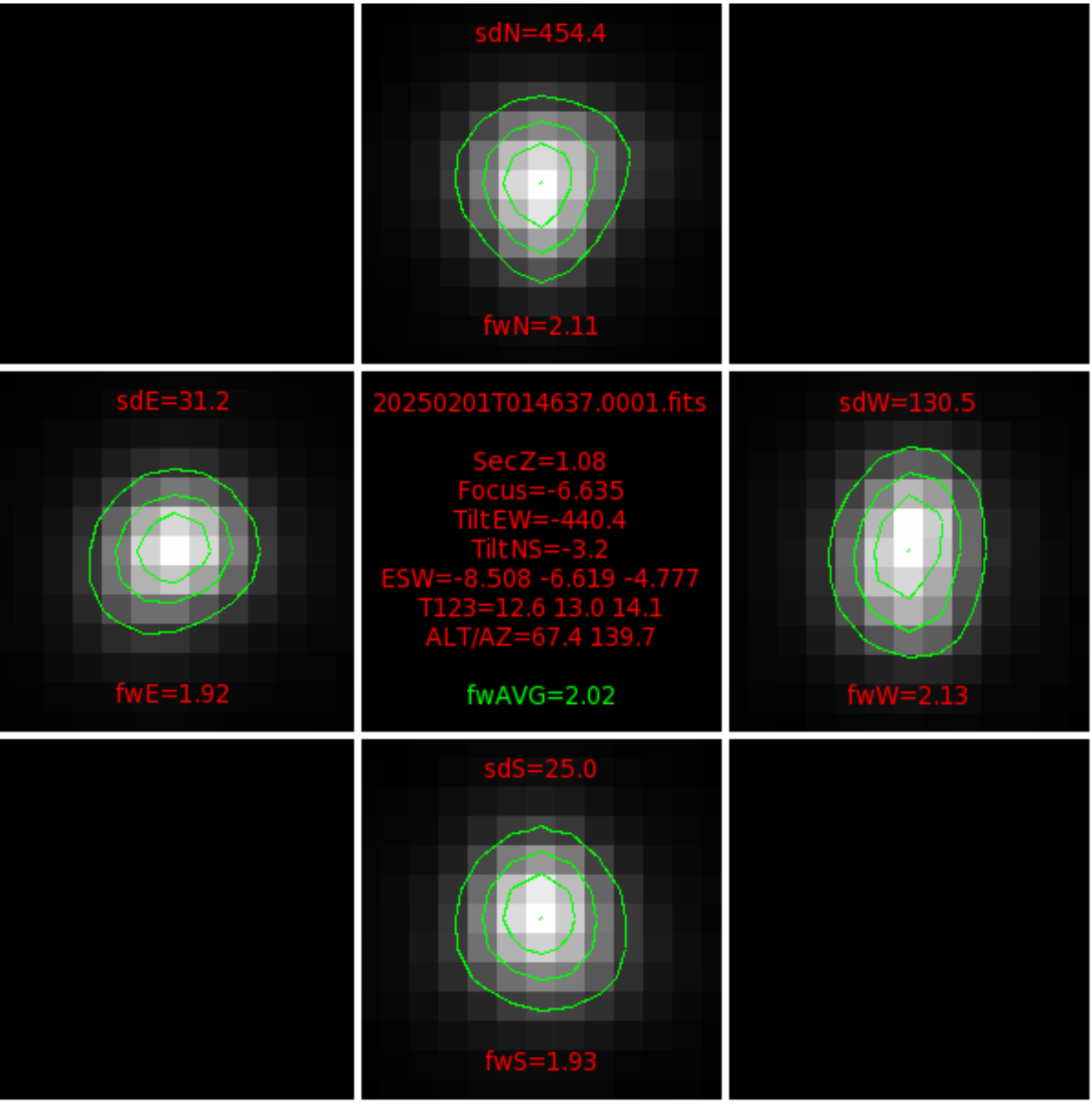
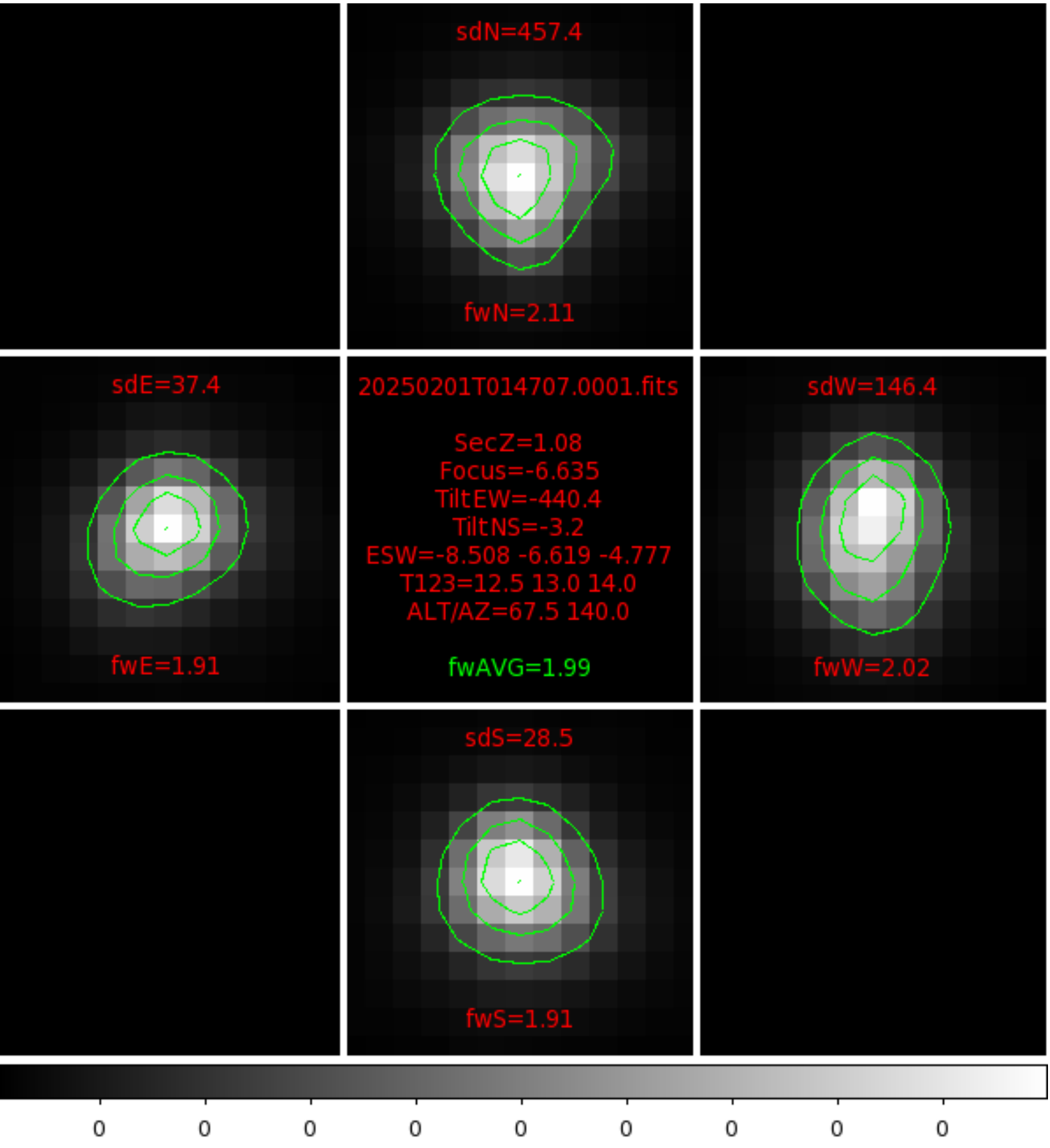

sdN=454.4
fwN=2.11
sdE=31.2
fwE=1.92
20250201T014637.0001.fits
SecZ=1.08
Focus=-6.635
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.508 -6.619 -4.777
T123=12.6 13.0 14.1
ALT/AZ=67.4 139.7
fwAVG=2.02
sdW=130.5
fwW=2.13
sdS=25.0
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=457.4
fwN=2.11
sdE=37.4
fwE=1.91
20250201T014707.0001.fits
SecZ=1.08
Focus=-6.635
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.508 -6.619 -4.777
T123=12.5 13.0 14.0
ALT/AZ=67.5 140.0
fwAVG=1.99
sdW=146.4
fwW=2.02
sdS=28.5
fwS=1.91
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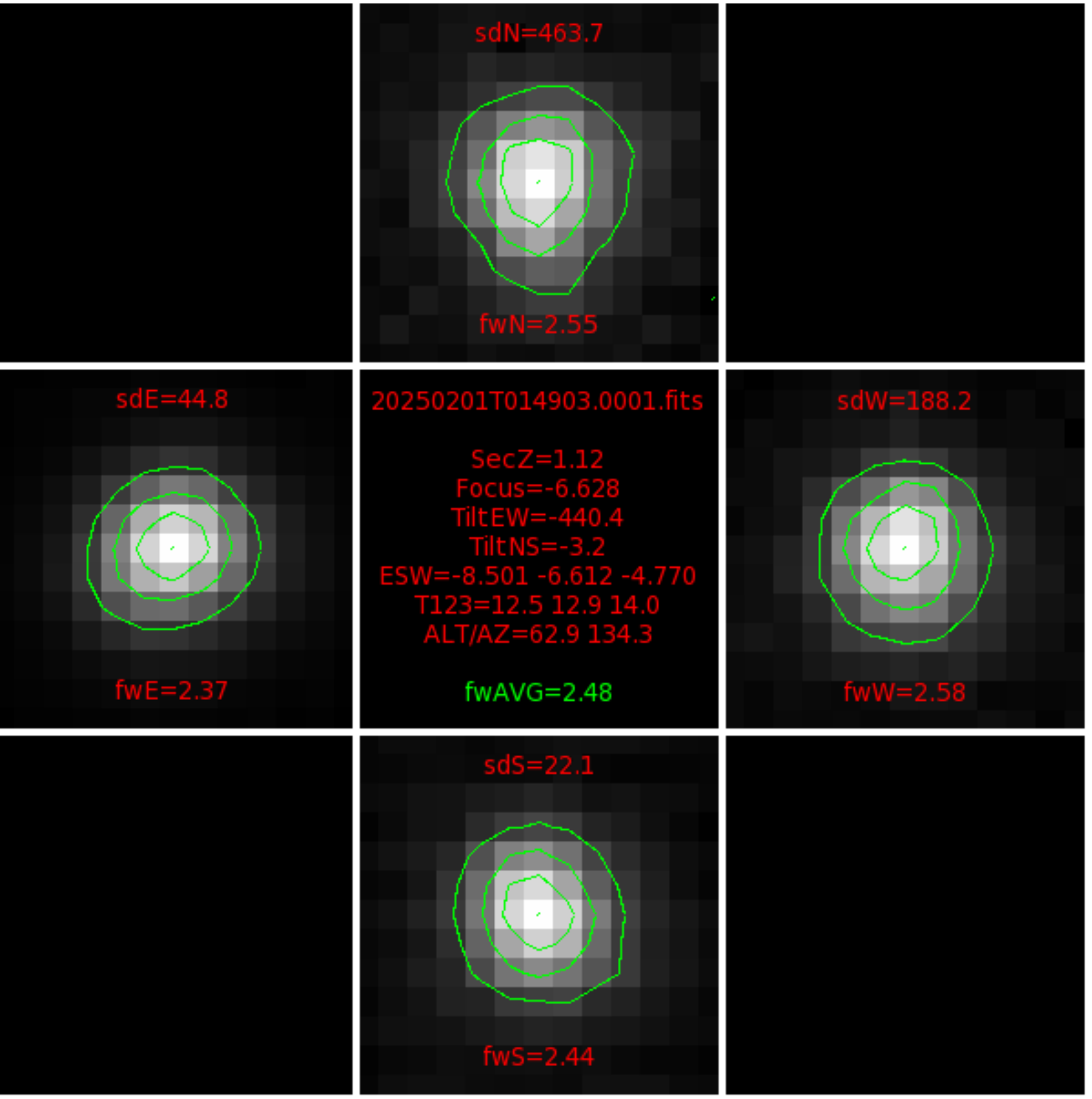
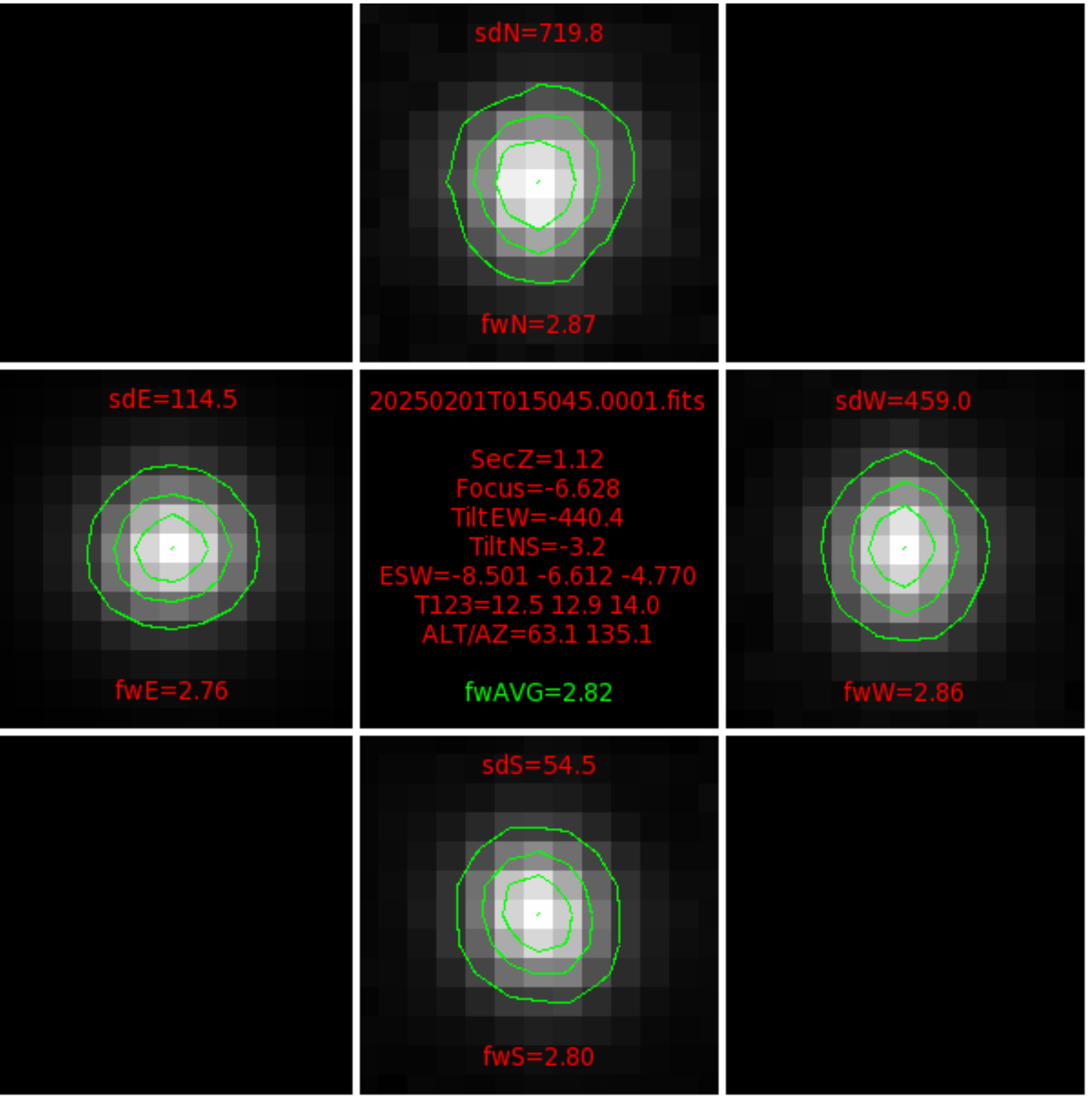
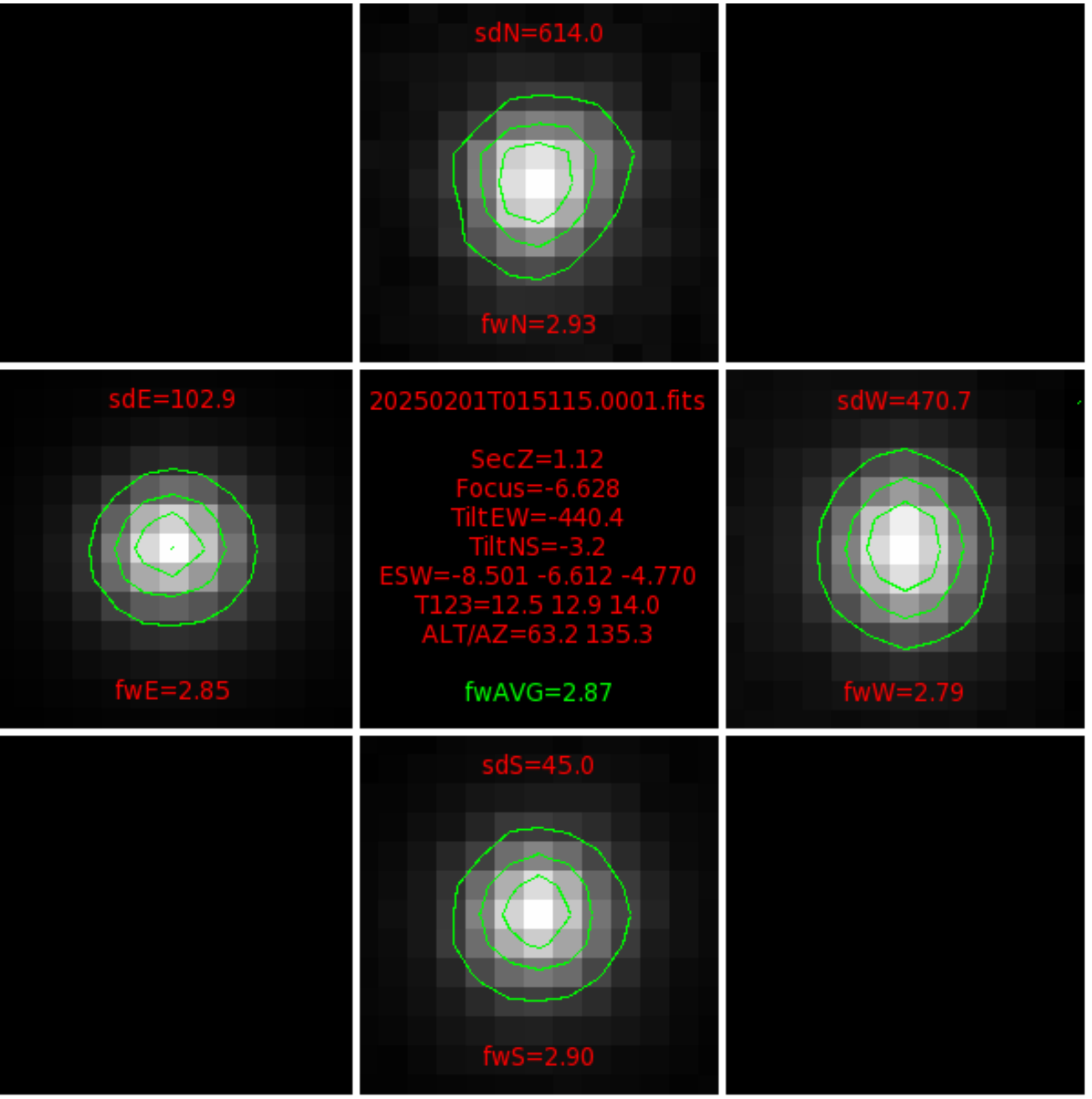
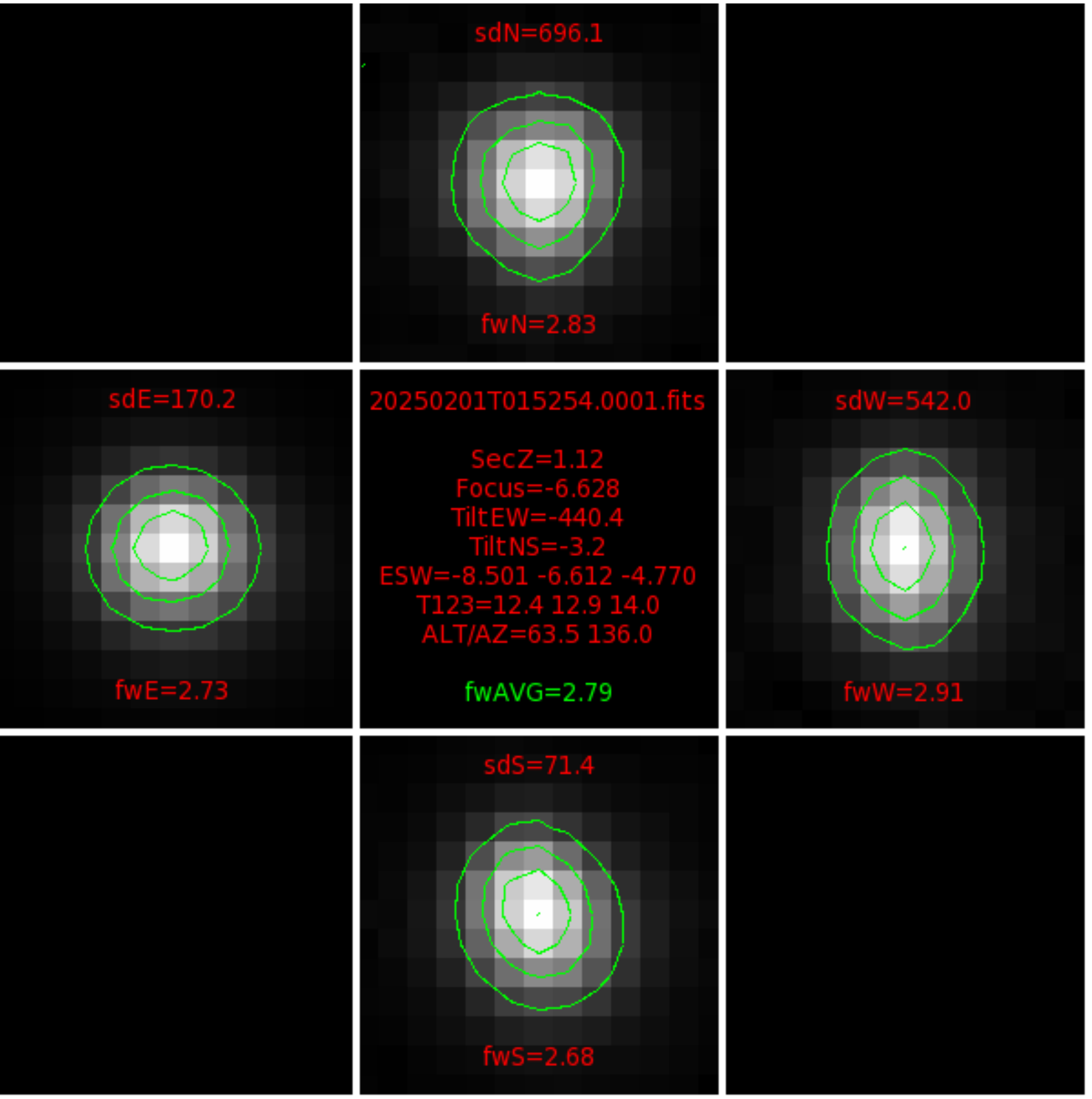

sdN=463.7
fwN=2.55
sdE=44.8
fwE=2.37
20250201T014903.0001.fits
SecZ=1.12
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.5 12.9 14.0
ALT/AZ=62.9 134.3
fwAVG=2.48
sdW=188.2
fwW=2.58
sdS=22.1
fwS=2.44
0 0 0 0 0 0 0 0 0


sdN=719.8
fwN=2.87
sdE=114.5
fwE=2.76
20250201T015045.0001.fits
SecZ=1.12
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.5 12.9 14.0
ALT/AZ=63.1 135.1
fwAVG=2.82
sdW=459.0
fwW=2.86
sdS=54.5
fwS=2.80
0 0 0 0 0 0 0 0 0


sdN=614.0
fwN=2.93
sdE=102.9
fwE=2.85
20250201T015115.0001.fits
SecZ=1.12
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.5 12.9 14.0
ALT/AZ=63.2 135.3
fwAVG=2.87
sdW=470.7
fwW=2.79
sdS=45.0
fwS=2.90
0 0 0 0 0 0 0 0 0


sdN=696.1
fwN=2.83
sdE=170.2
fwE=2.73
20250201T015254.0001.fits
SecZ=1.12
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.4 12.9 14.0
ALT/AZ=63.5 136.0
fwAVG=2.79
sdW=542.0
fwW=2.91
sdS=71.4
fwS=2.68
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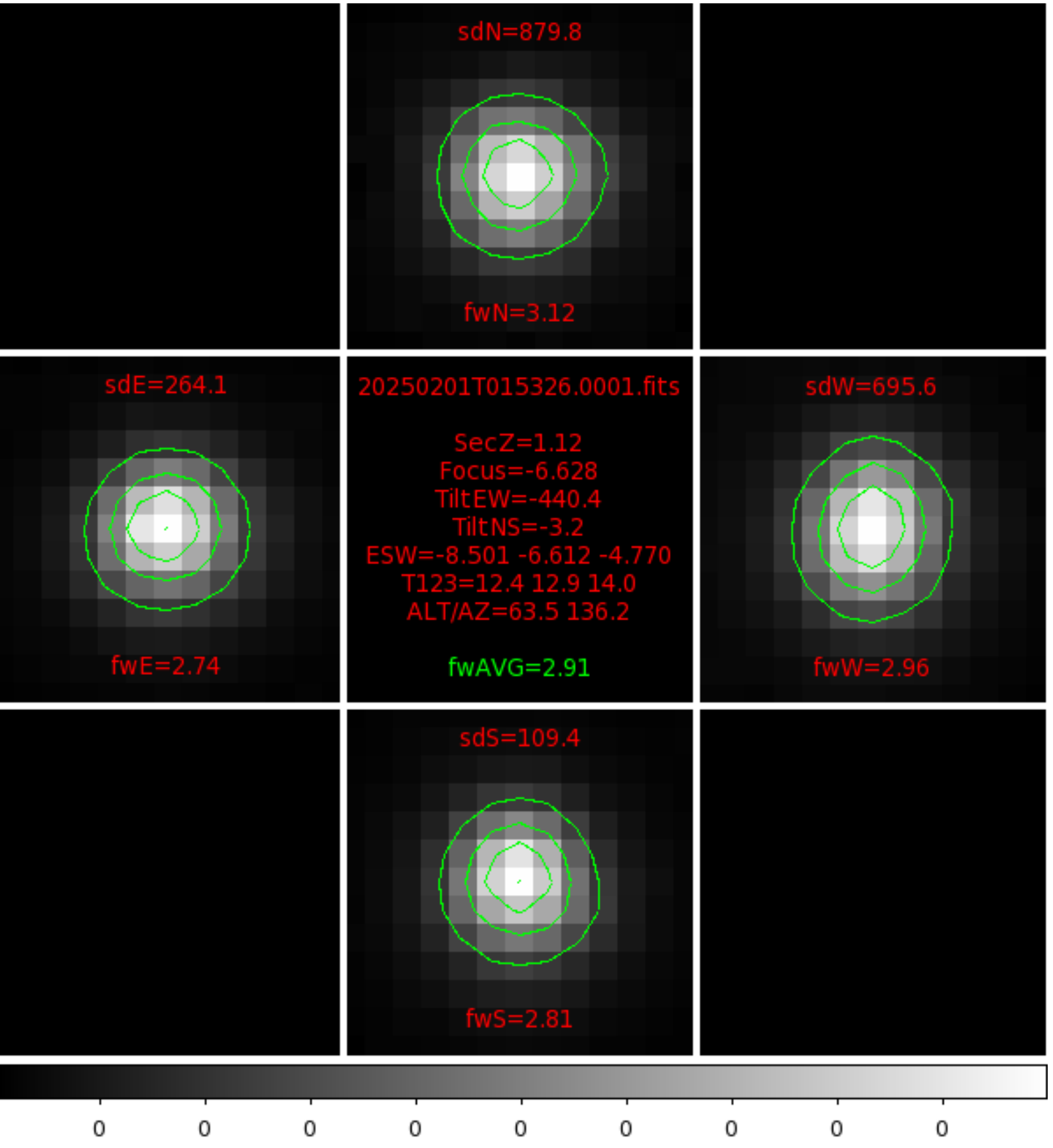
sdN=879.8
fwN=3.12
sdE=264.1
fwE=2.74
20250201T015326.0001.fits
SecZ=1.12
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.4 12.9 14.0
ALT/AZ=63.5 136.2
fwAVG=2.91
sdW=695.6
fwW=2.96
sdS=109.4
fwS=2.81
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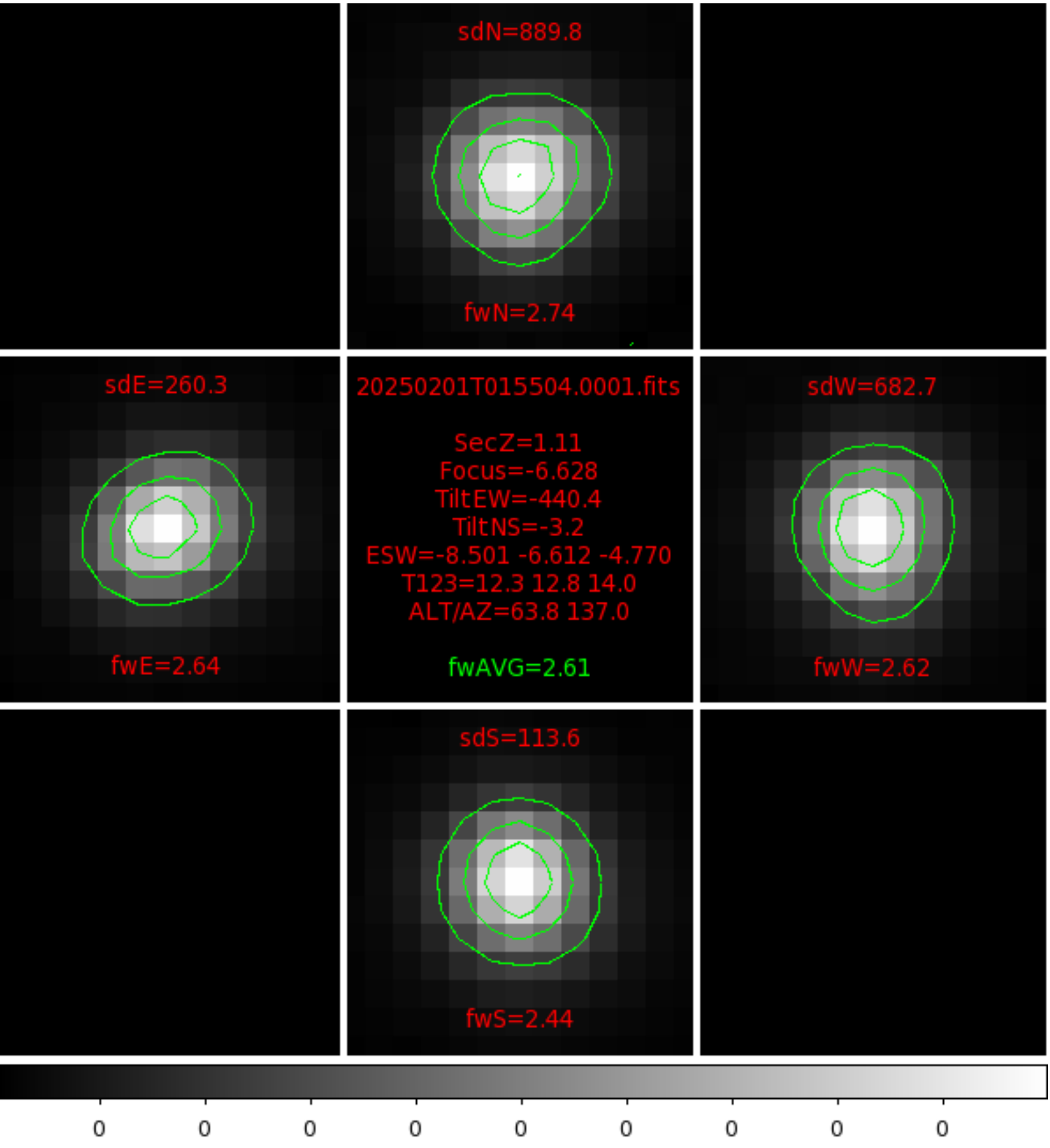
sdN=889.8
fwN=2.74
sdE=260.3
fwE=2.64
20250201T015504.0001.fits
SecZ=1.11
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.3 12.8 14.0
ALT/AZ=63.8 137.0
fwAVG=2.61
sdW=682.7
fwW=2.62
sdS=113.6
fwS=2.44
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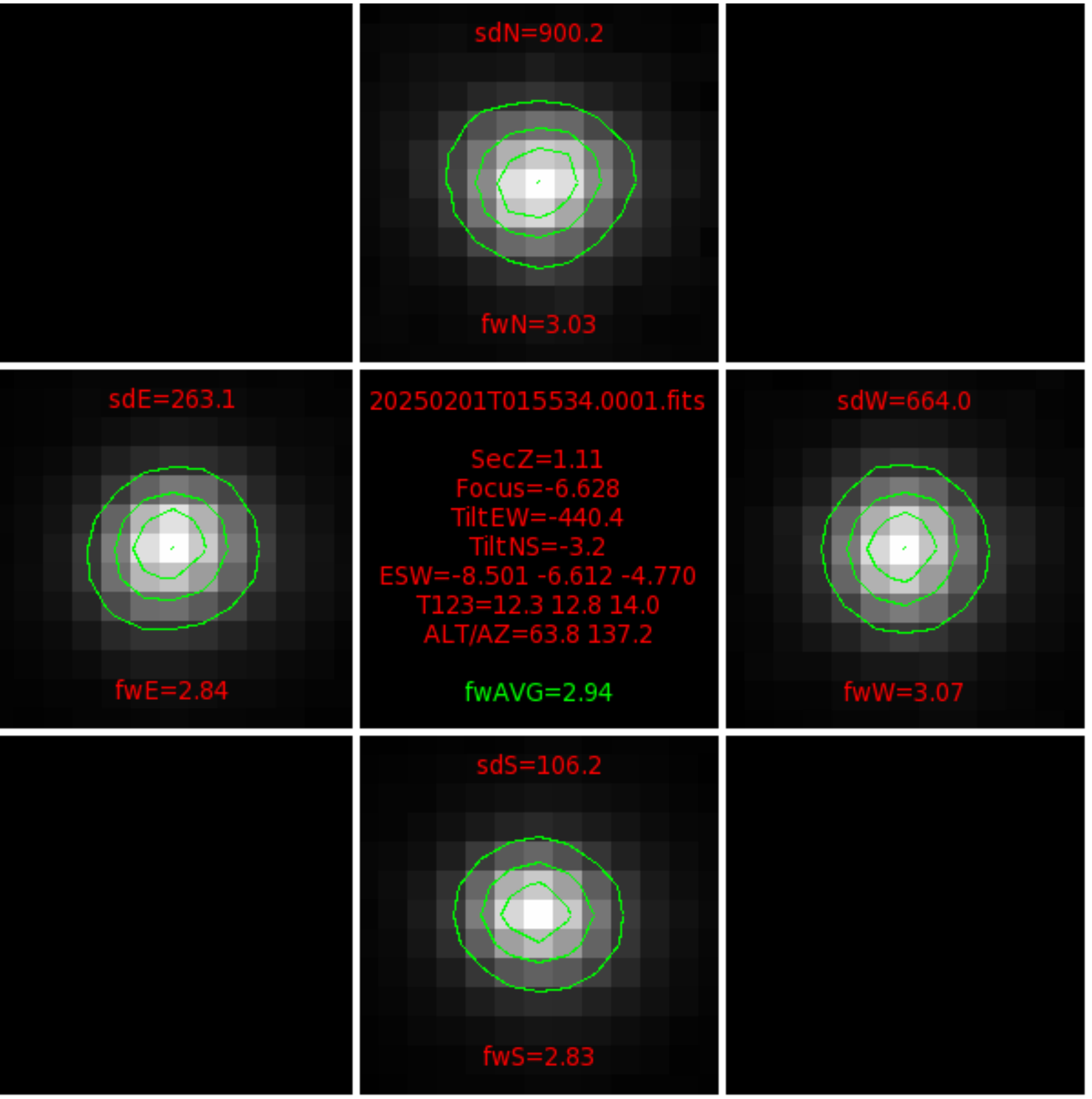
sdN=900.2
fwN=3.03
sdE=263.1
fwE=2.84
20250201T015534.0001.fits
SecZ=1.11
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.3 12.8 14.0
ALT/AZ=63.8 137.2
fwAVG=2.94
sdW=664.0
fwW=3.07
sdS=106.2
fwS=2.83
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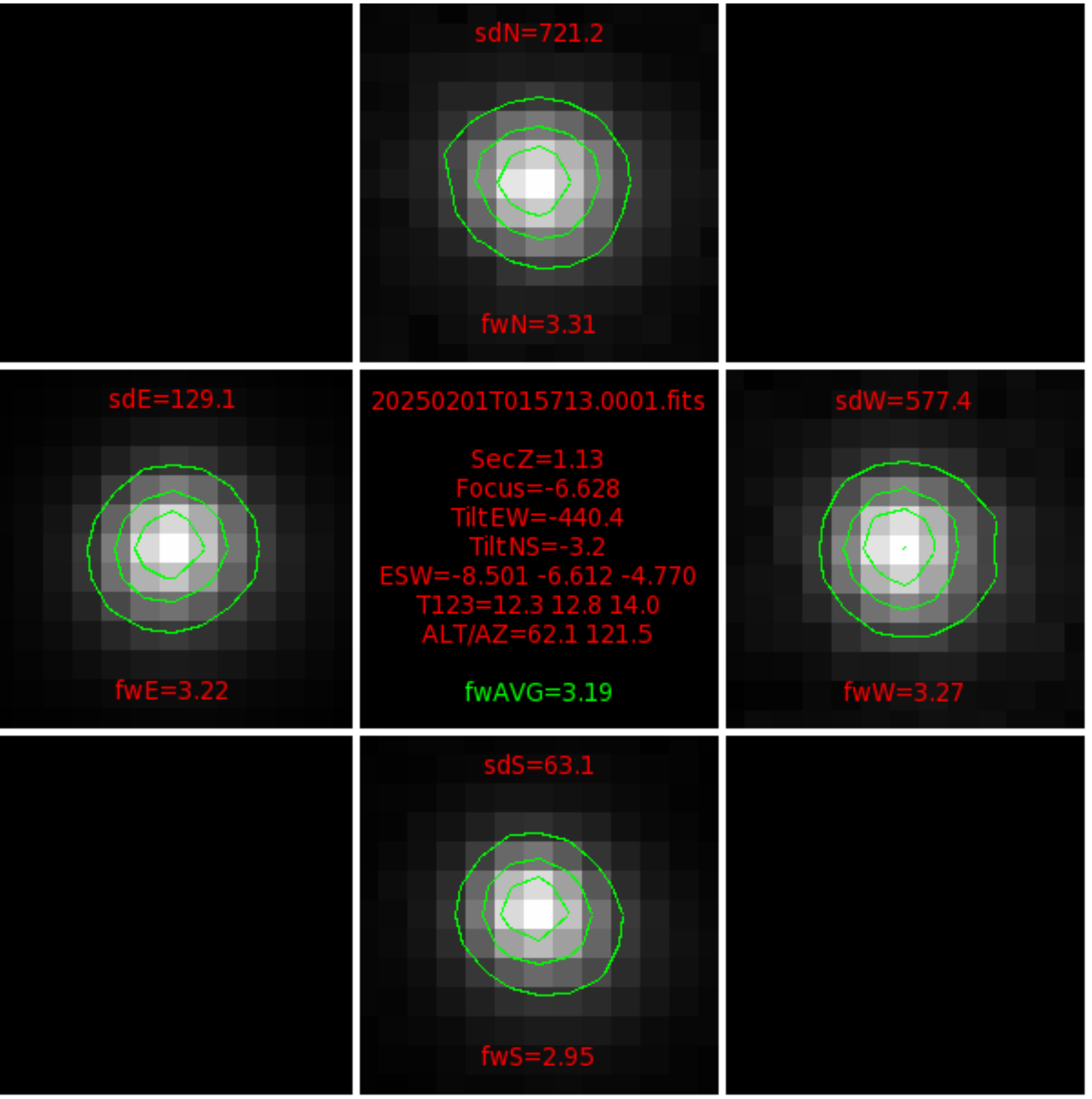
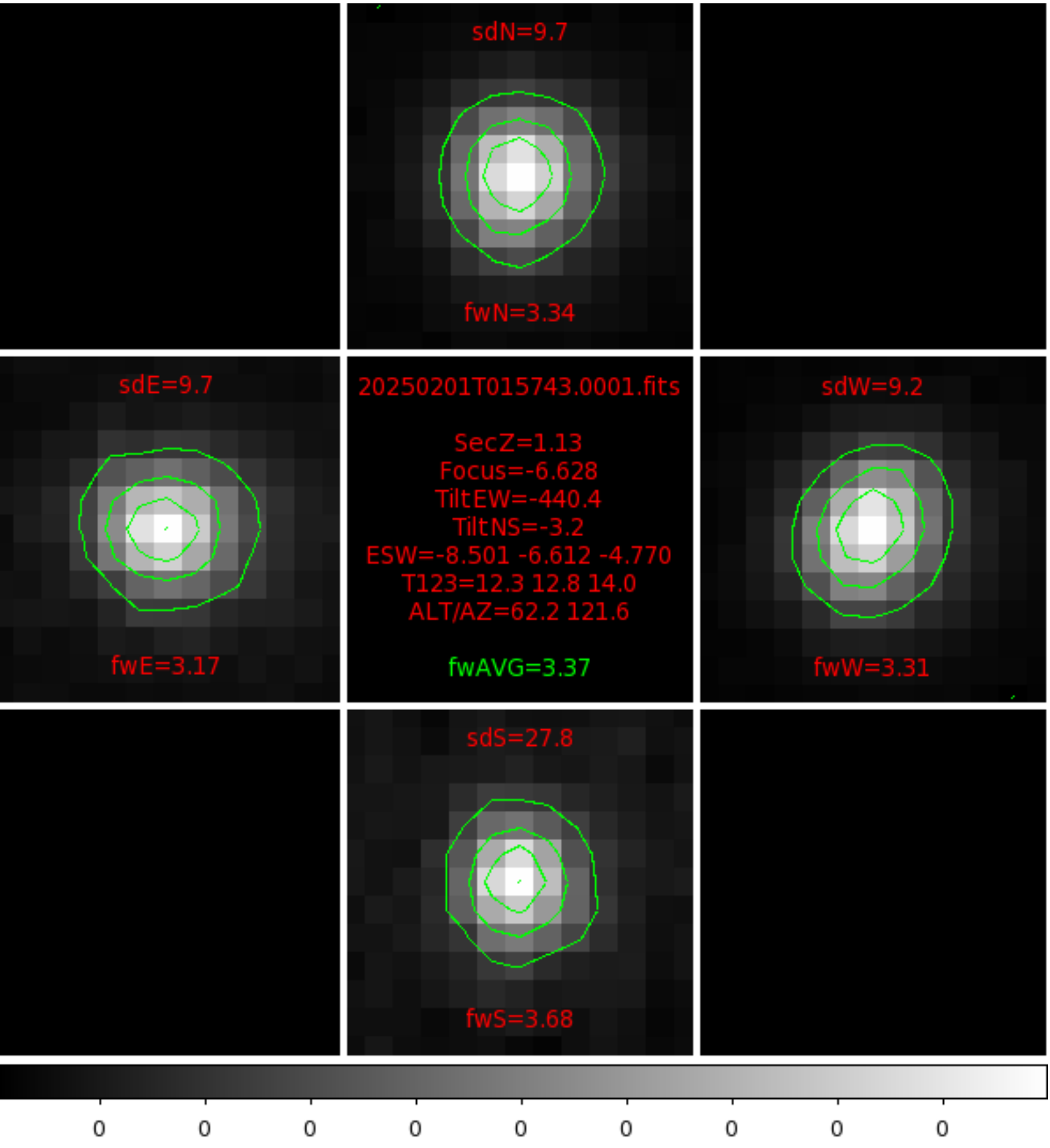
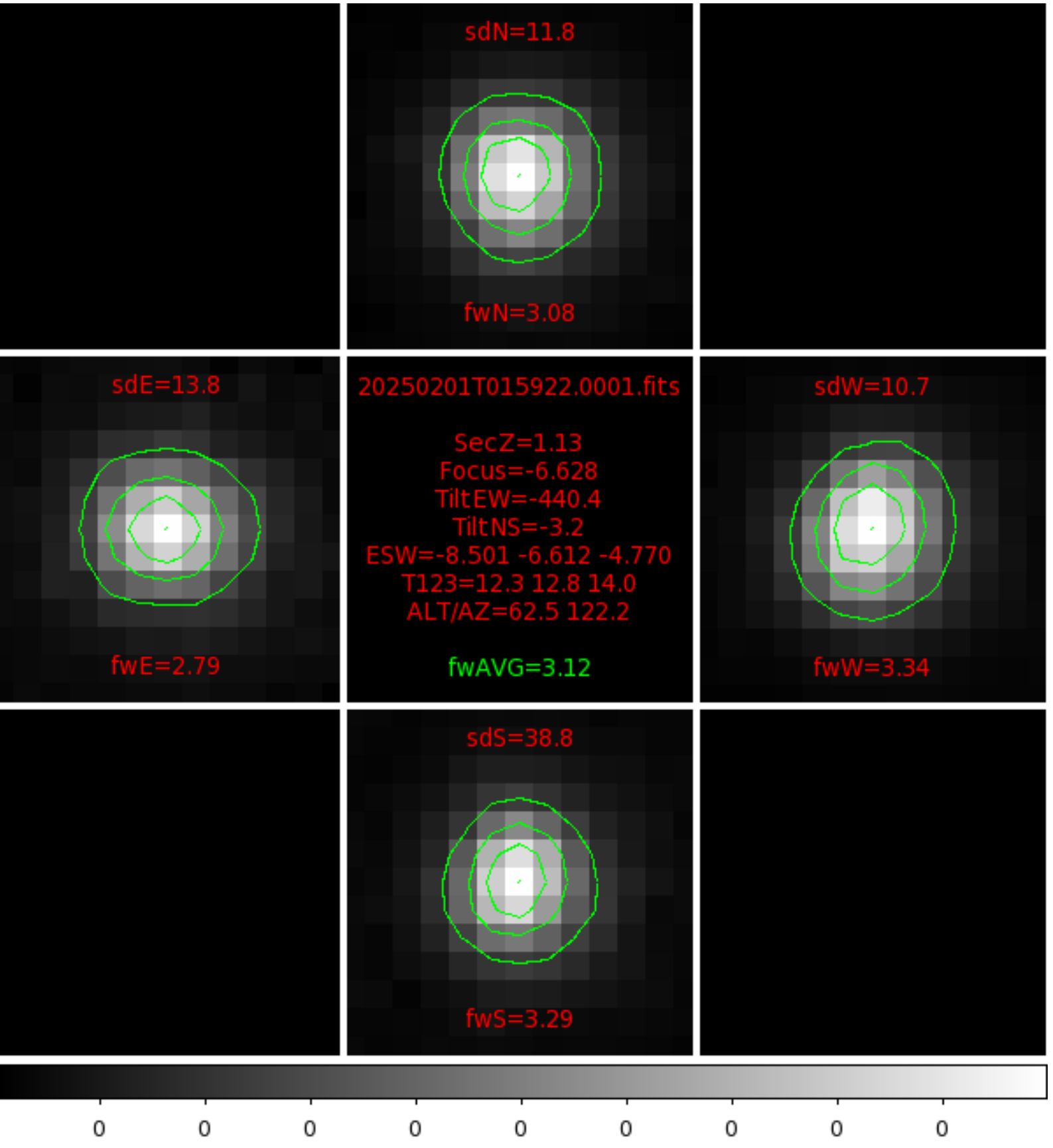
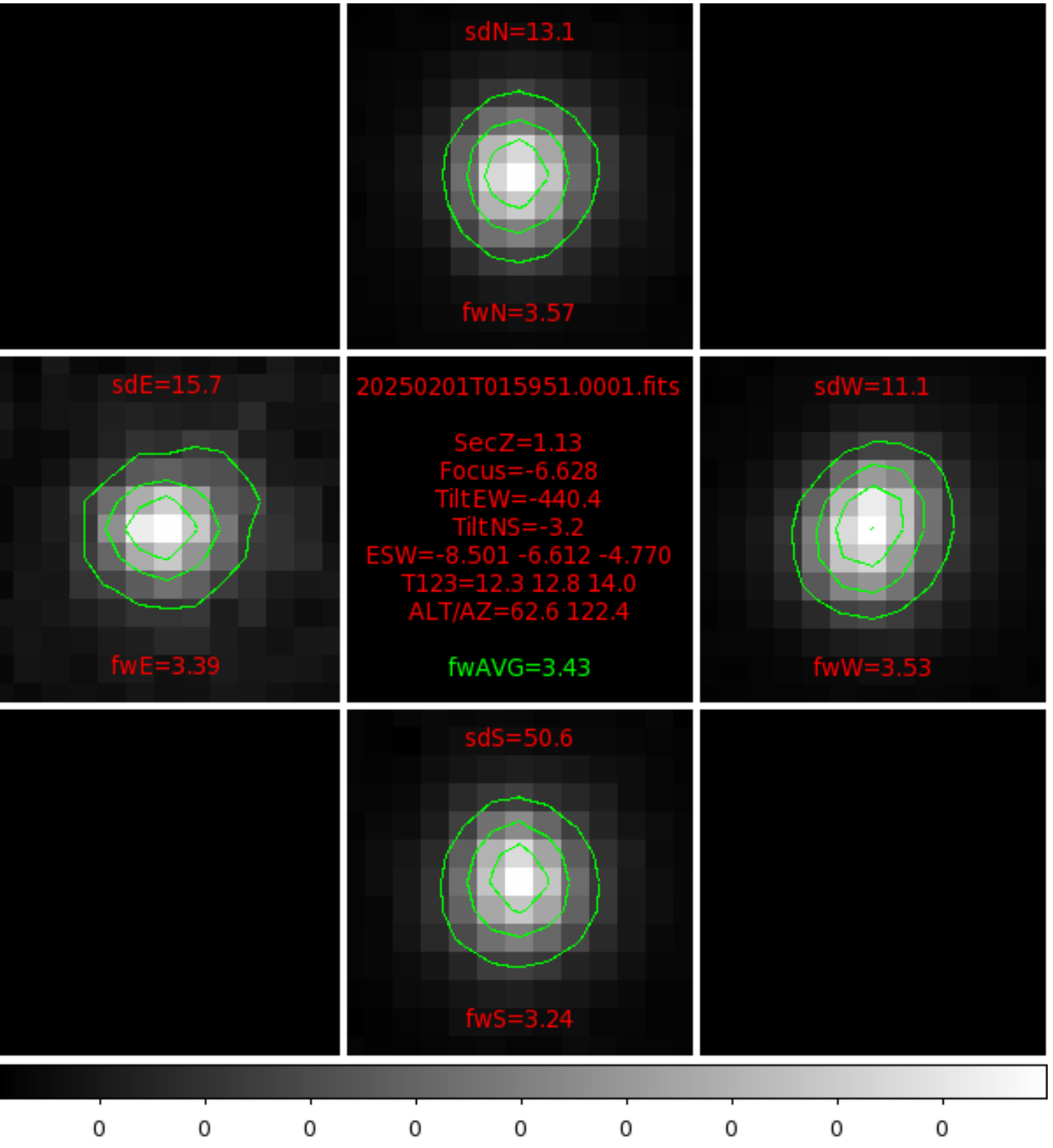
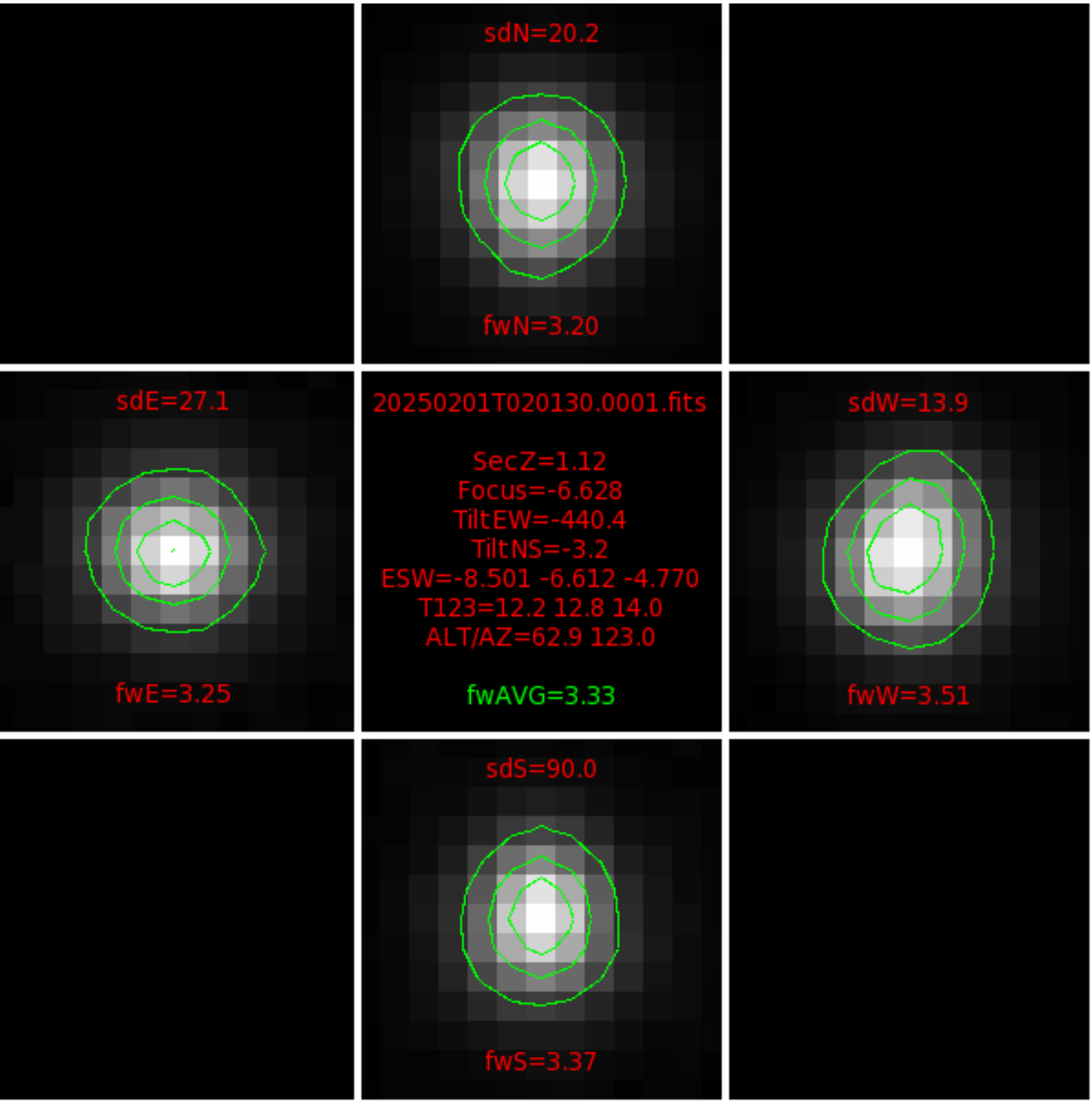

sdN=721.2
fwN=3.31
sdE=129.1
fwE=3.22
20250201T015713.0001.fits
SecZ=1.13
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.3 12.8 14.0
ALT/AZ=62.1 121.5
fwAVG=3.19
sdW=577.4
fwW=3.27
sdS=63.1
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=9.7
fwN=3.34
sdE=9.7
fwE=3.17
20250201T015743.0001.fits
SecZ=1.13
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.3 12.8 14.0
ALT/AZ=62.2 121.6
fwAVG=3.37
sdW=9.2
fwW=3.31
sdS=27.8
fwS=3.68
0 0 0 0 0 0 0 0 0


sdN=11.8
fwN=3.08
sdE=13.8
fwE=2.79
20250201T015922.0001.fits
SecZ=1.13
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.3 12.8 14.0
ALT/AZ=62.5 122.2
fwAVG=3.12
sdW=10.7
fwW=3.34
sdS=38.8
fwS=3.29
0 0 0 0 0 0 0 0 0


sdN=13.1
fwN=3.57
sdE=15.7
fwE=3.39
20250201T015951.0001.fits
SecZ=1.13
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.3 12.8 14.0
ALT/AZ=62.6 122.4
fwAVG=3.43
sdW=11.1
fwW=3.53
sdS=50.6
fwS=3.24
0 0 0 0 0 0 0 0 0


sdN=20.2
fwN=3.20
sdE=27.1
fwE=3.25
20250201T020130.0001.fits
SecZ=1.12
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.2 12.8 14.0
ALT/AZ=62.9 123.0
fwAVG=3.33
sdW=13.9
fwW=3.51
sdS=90.0
fwS=3.37
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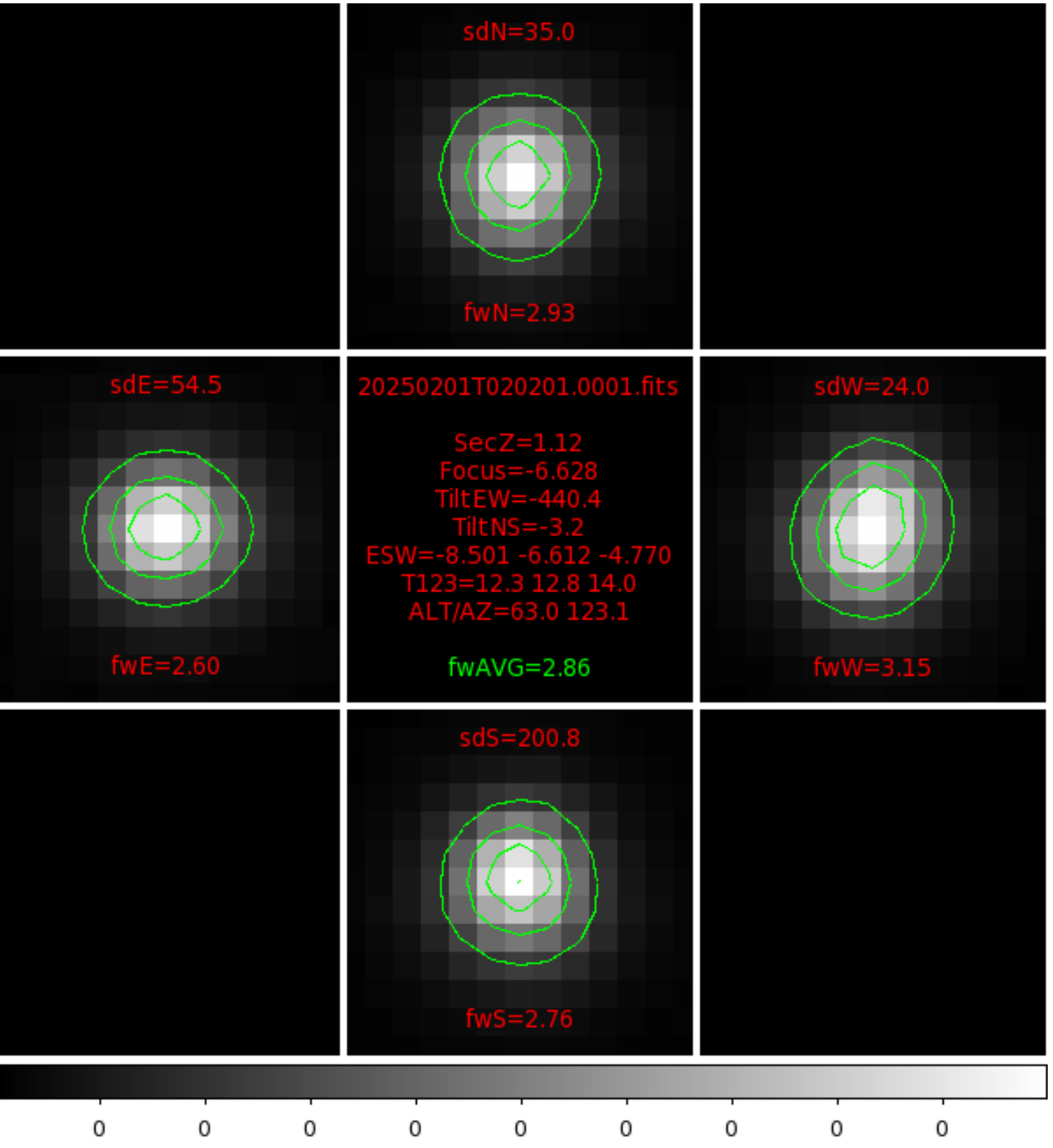
sdN=35.0
fwN=2.93
sdE=54.5
fwE=2.60
20250201T020201.0001.fits
SecZ=1.12
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.3 12.8 14.0
ALT/AZ=63.0 123.1
fwAVG=2.86
sdW=24.0
fwW=3.15
sdS=200.8
fwS=2.76
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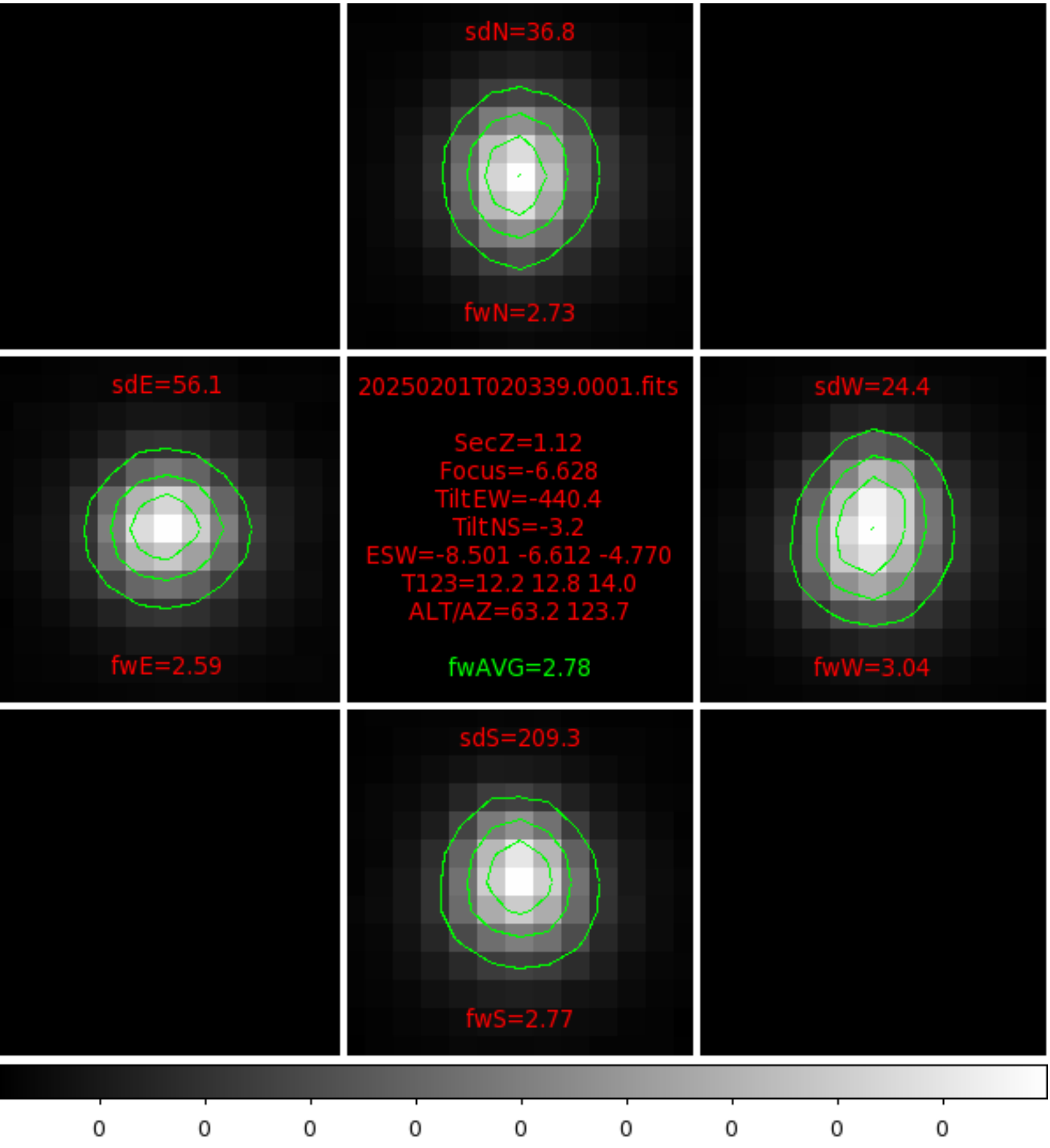
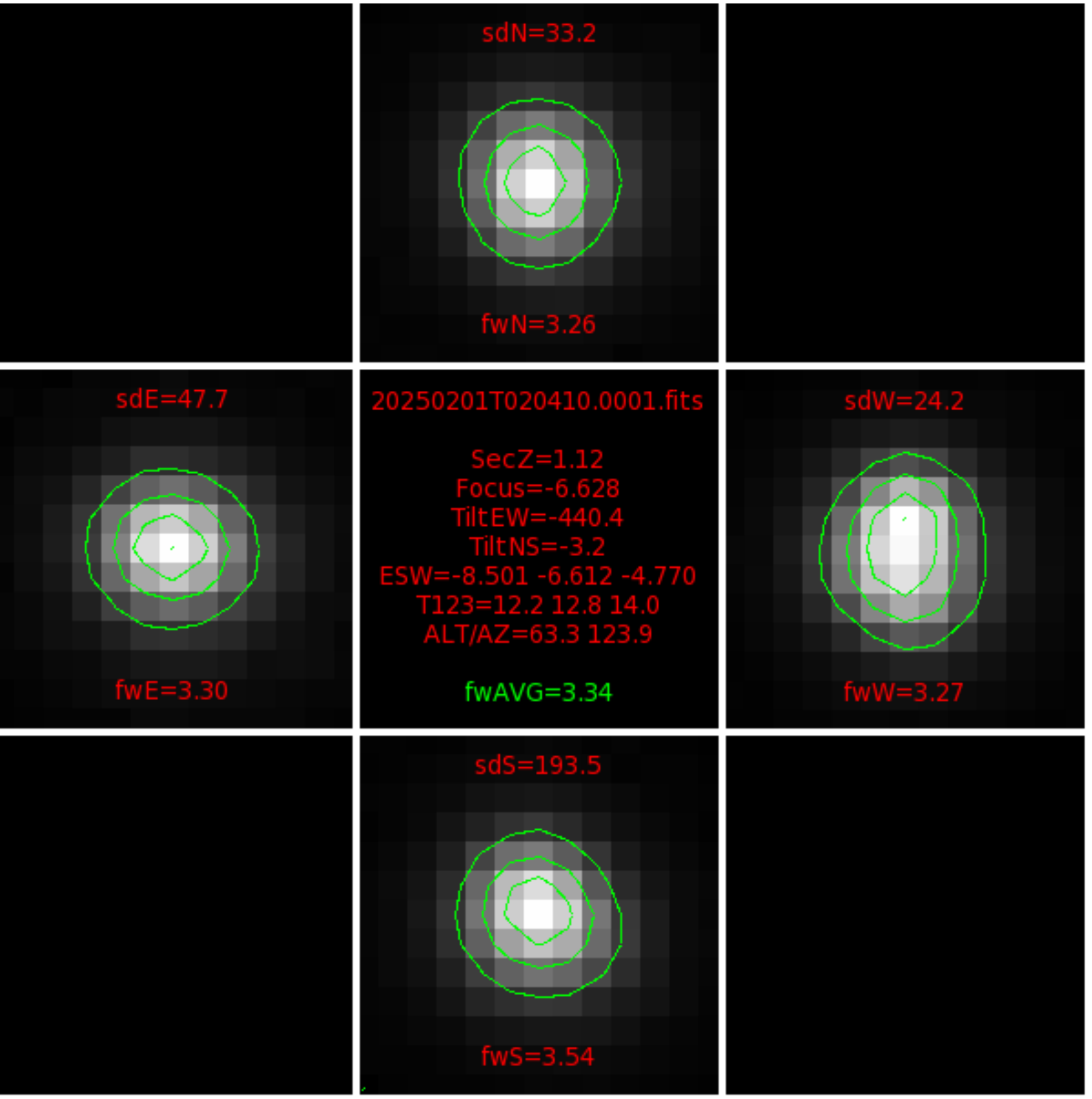
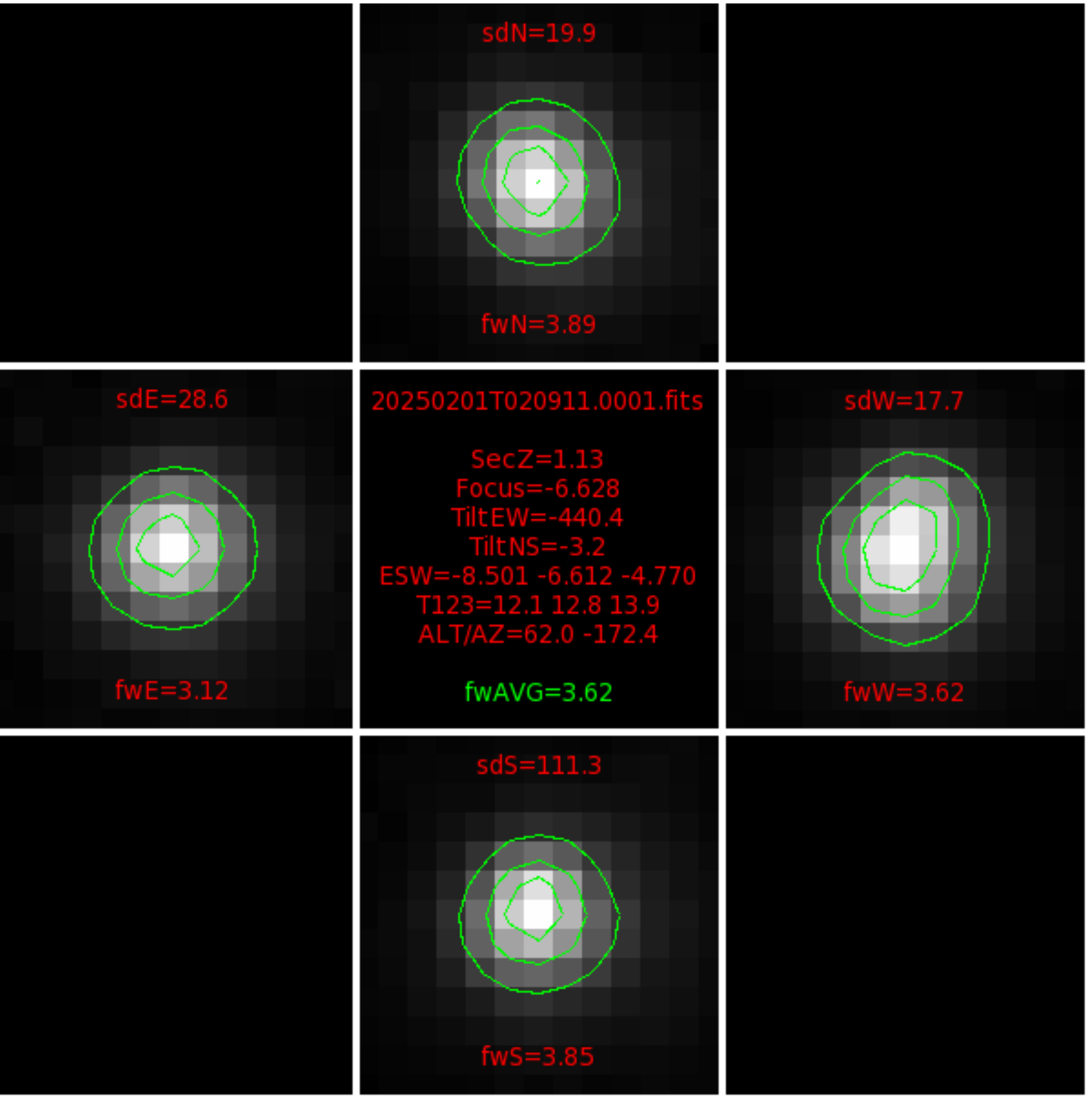

sdN=36.8
fwN=2.73
sdE=56.1
fwE=2.59
20250201T020339.0001.fits
SecZ=1.12
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.2 12.8 14.0
ALT/AZ=63.2 123.7
fwAVG=2.78
sdW=24.4
fwW=3.04
sdS=209.3
fwS=2.77
0 0 0 0 0 0 0 0 0


sdN=33.2
fwN=3.26
sdE=47.7
fwE=3.30
20250201T020410.0001.fits
SecZ=1.12
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.2 12.8 14.0
ALT/AZ=63.3 123.9
fwAVG=3.34
sdW=24.2
fwW=3.27
sdS=193.5
fwS=3.54
0 0 0 0 0 0 0 0 0


sdN=19.9
fwN=3.89
sdE=28.6
fwE=3.12
20250201T020911.0001.fits
SecZ=1.13
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.1 12.8 13.9
ALT/AZ=62.0 -172.4
fwAVG=3.62
sdW=17.7
fwW=3.62
sdS=111.3
fwS=3.85
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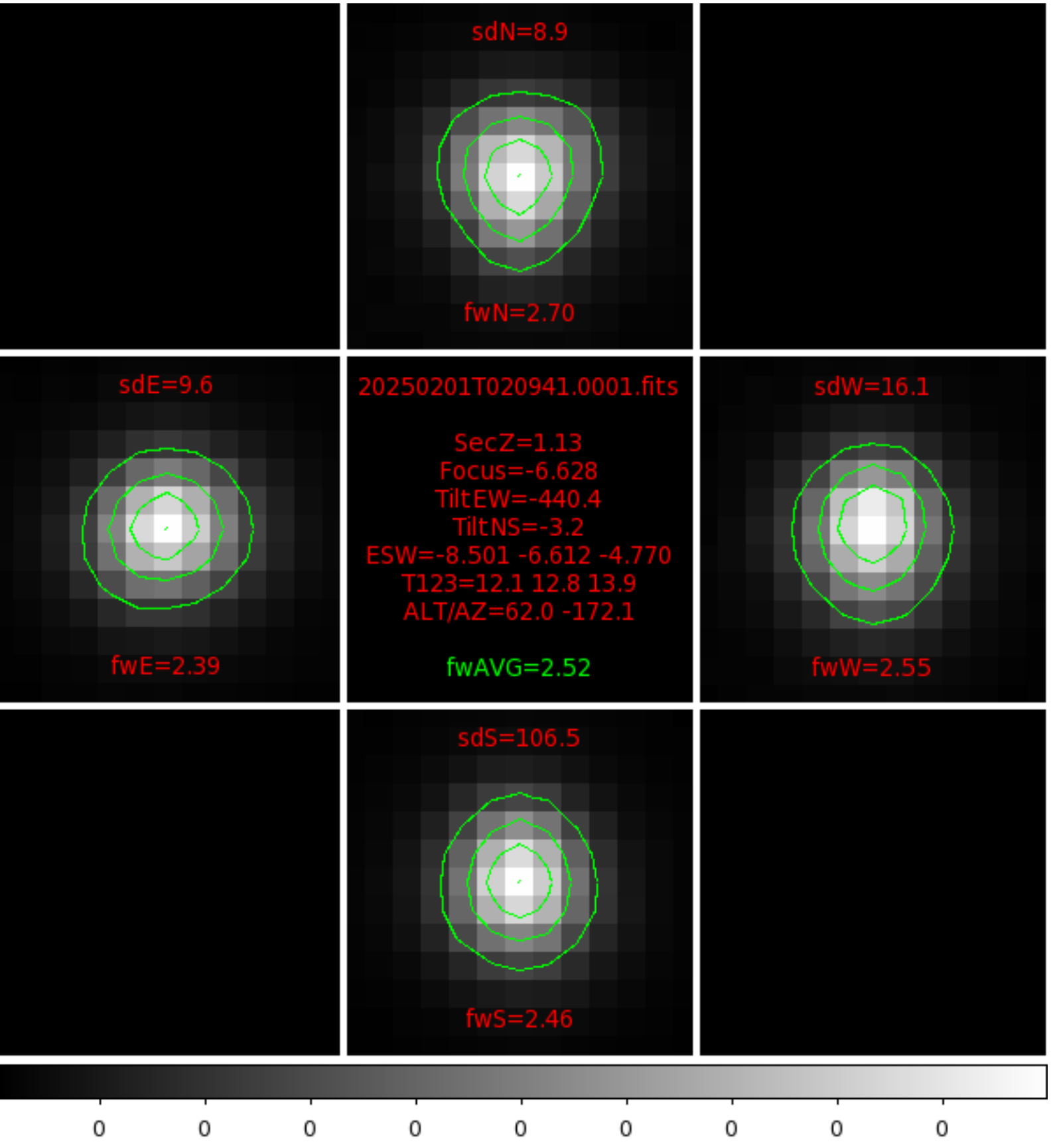
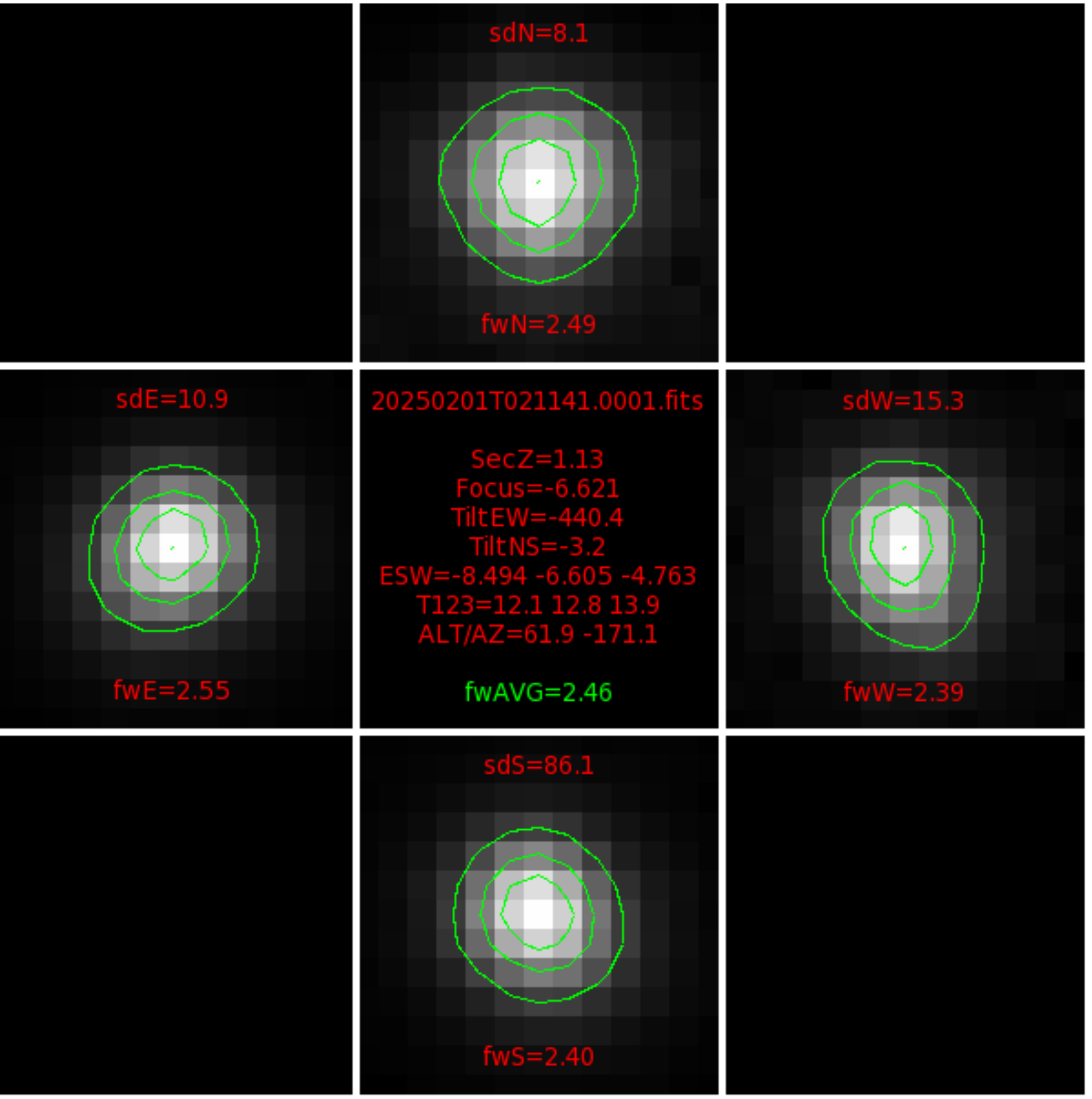
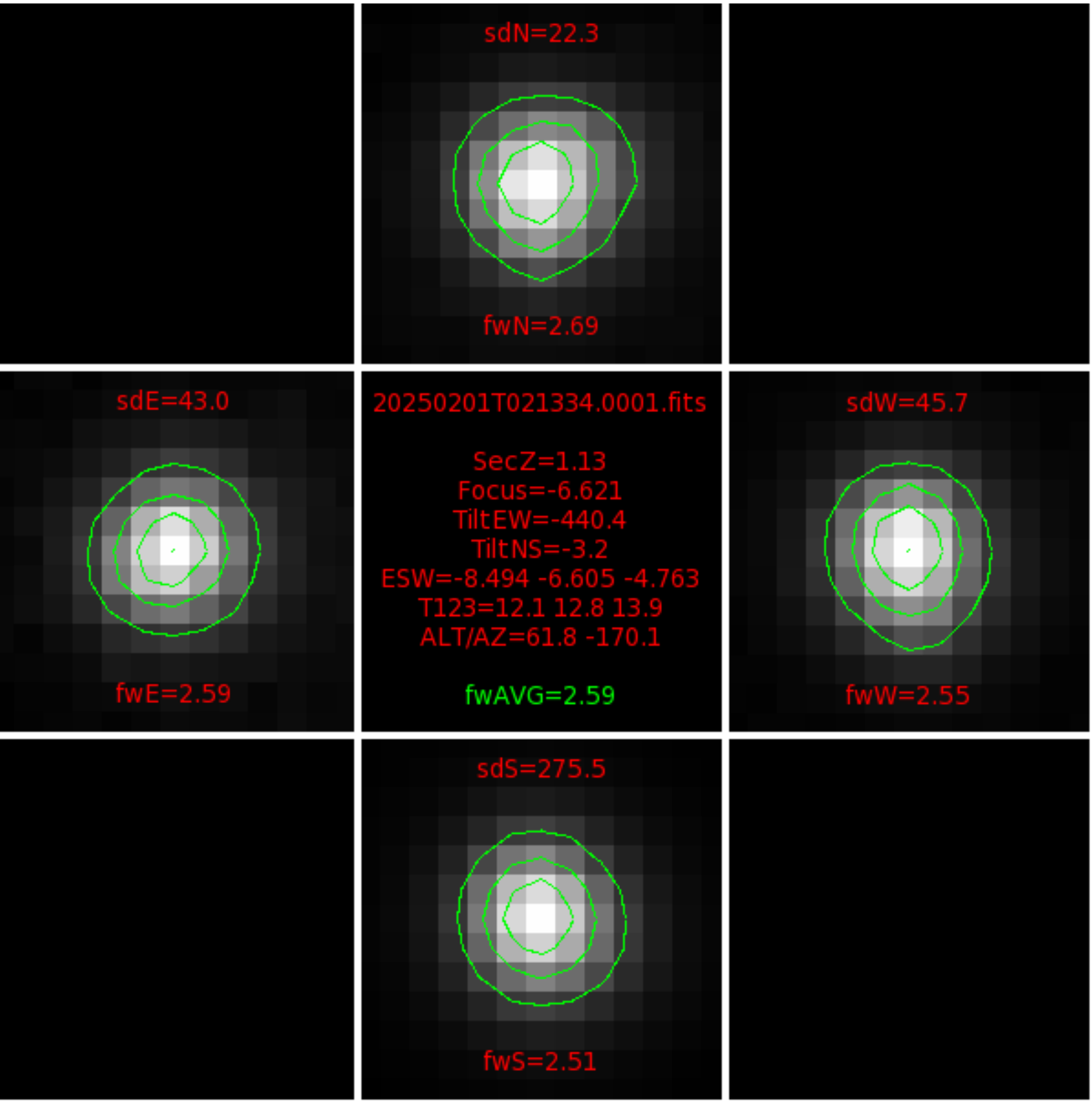
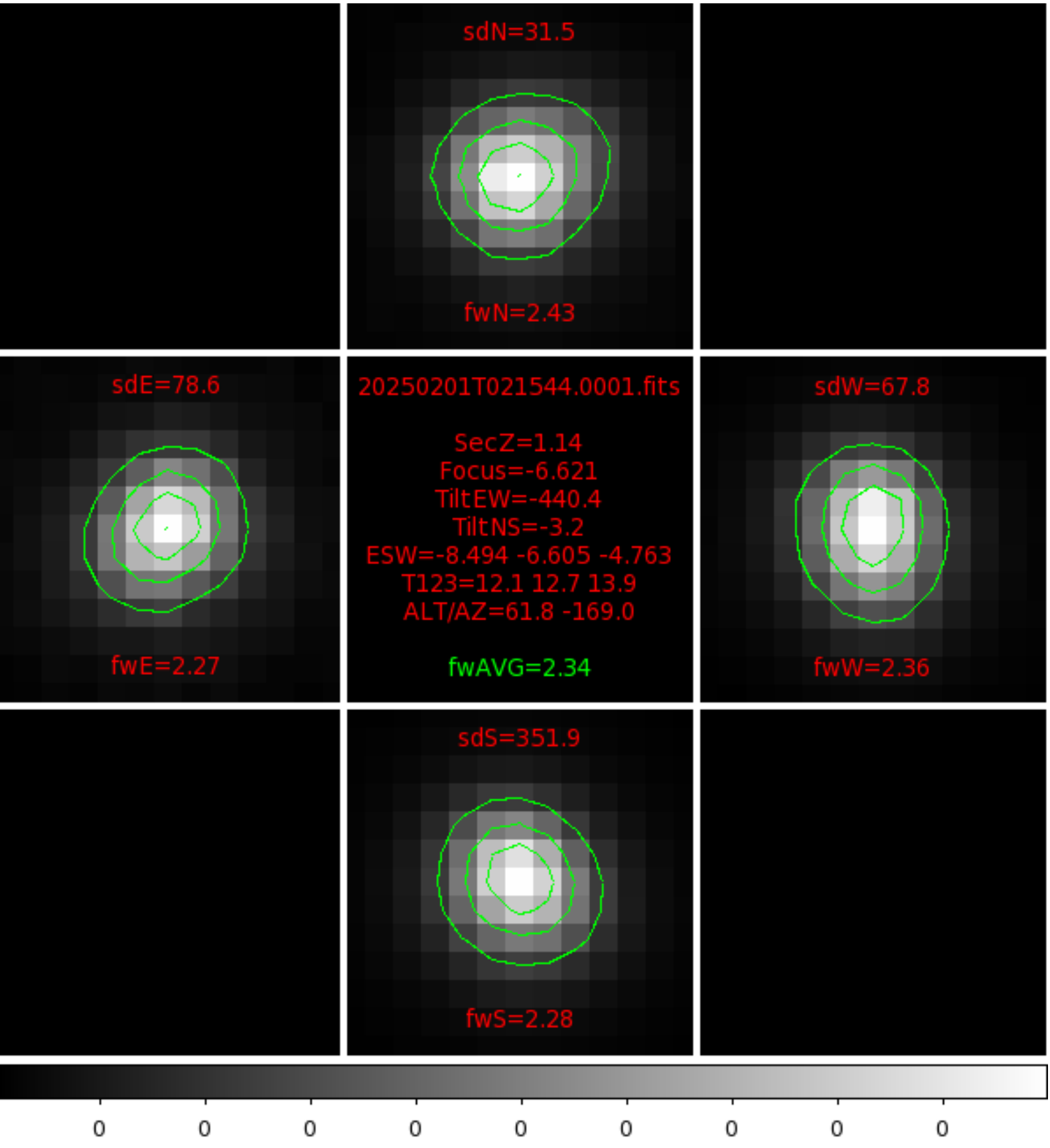
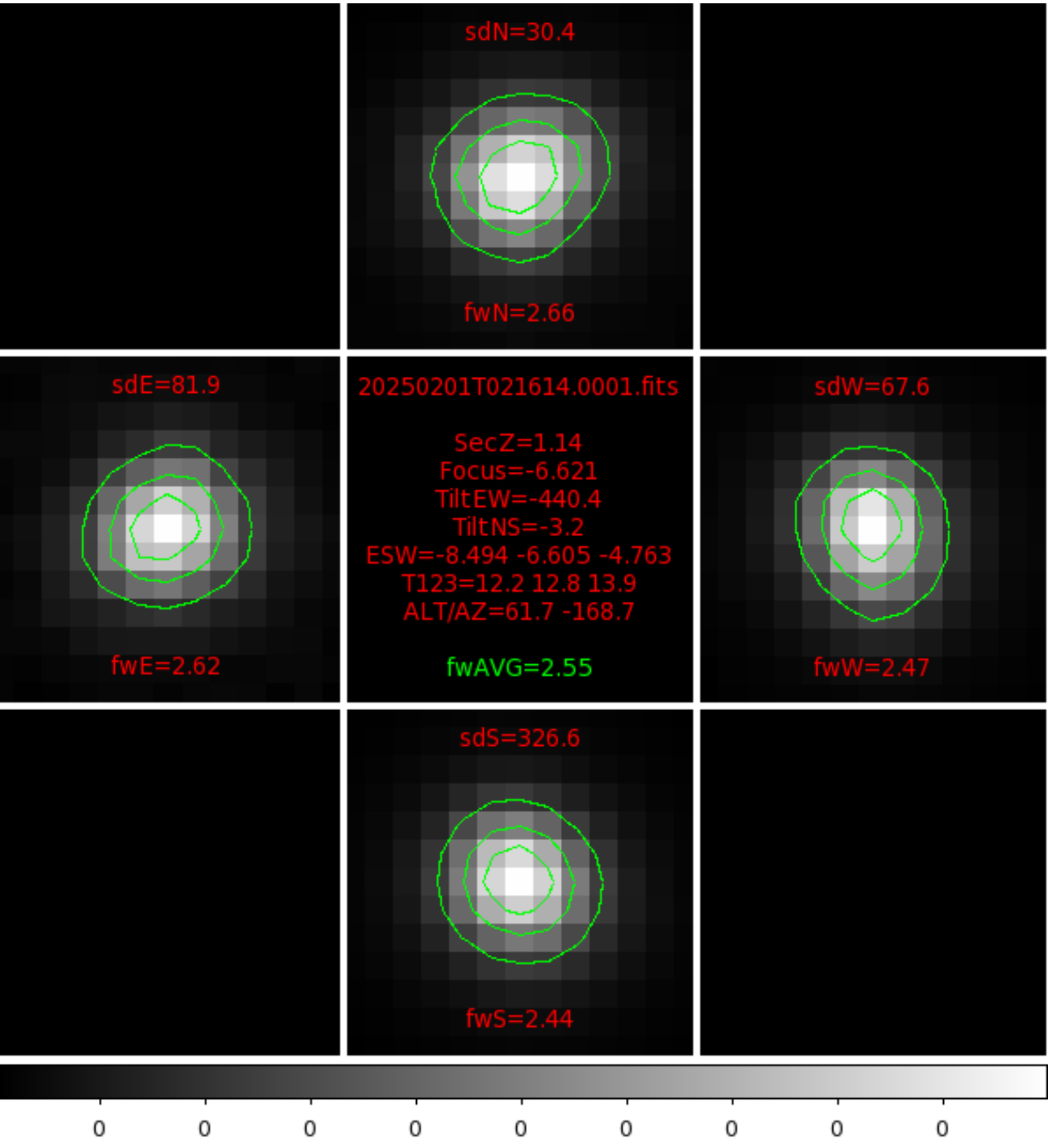
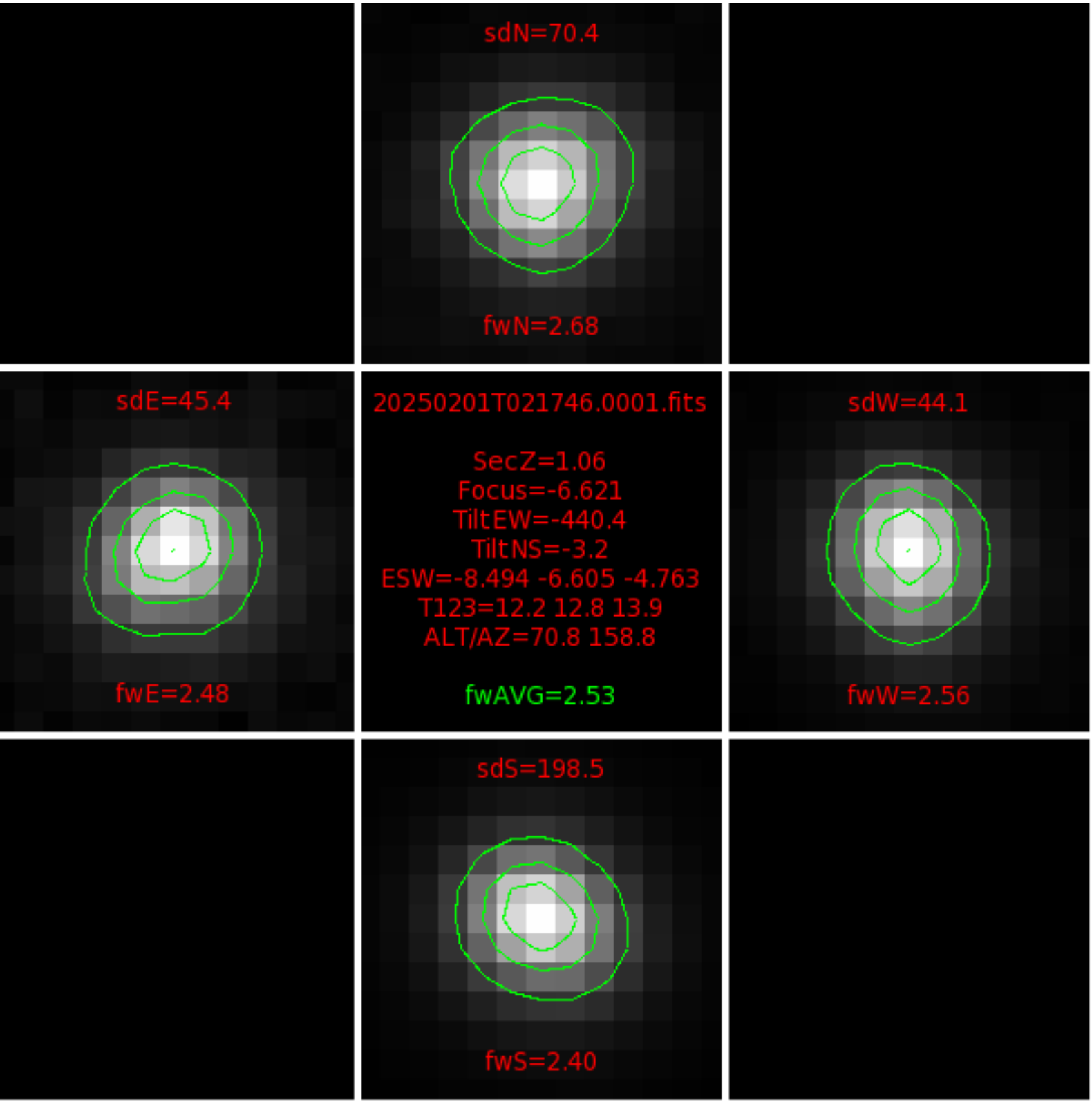

sdN=8.9
fwN=2.70
sdE=9.6
fwE=2.39
20250201T020941.0001.fits
SecZ=1.13
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=12.1 12.8 13.9
ALT/AZ=62.0 -172.1
fwAVG=2.52
sdW=16.1
fwW=2.55
sdS=106.5
fwS=2.46
0 0 0 0 0 0 0 0 0

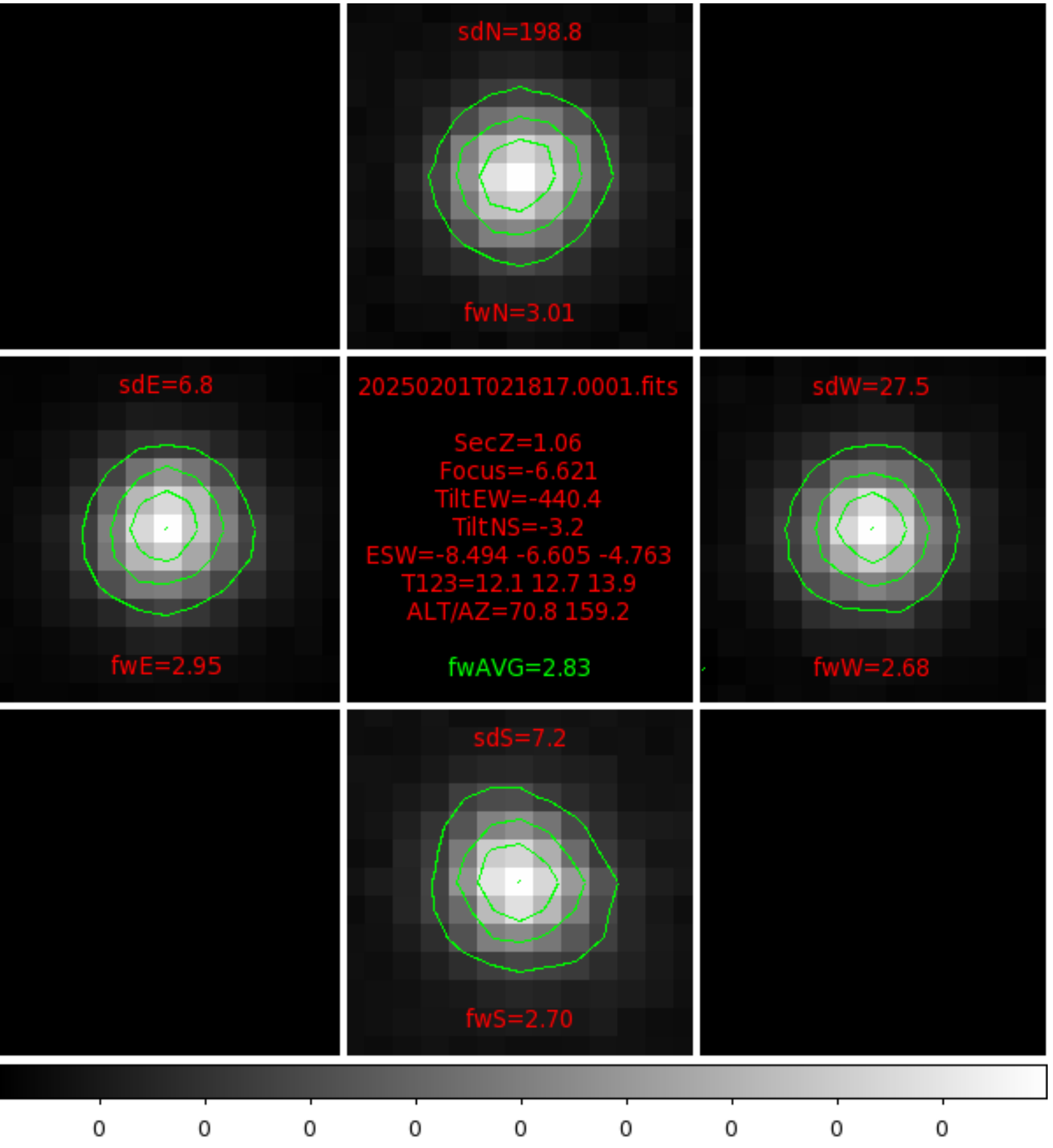

sdN=8.1
fwN=2.49
sdE=10.9
fwE=2.55
20250201T021141.0001.fits
SecZ=1.13
Focus=-6.621
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.494 -6.605 -4.763
T123=12.1 12.8 13.9
ALT/AZ=61.9 -171.1
fwAVG=2.46
sdW=15.3
fwW=2.39
sdS=86.1
fwS=2.40
0 0 0 0 0 0 0 0 0

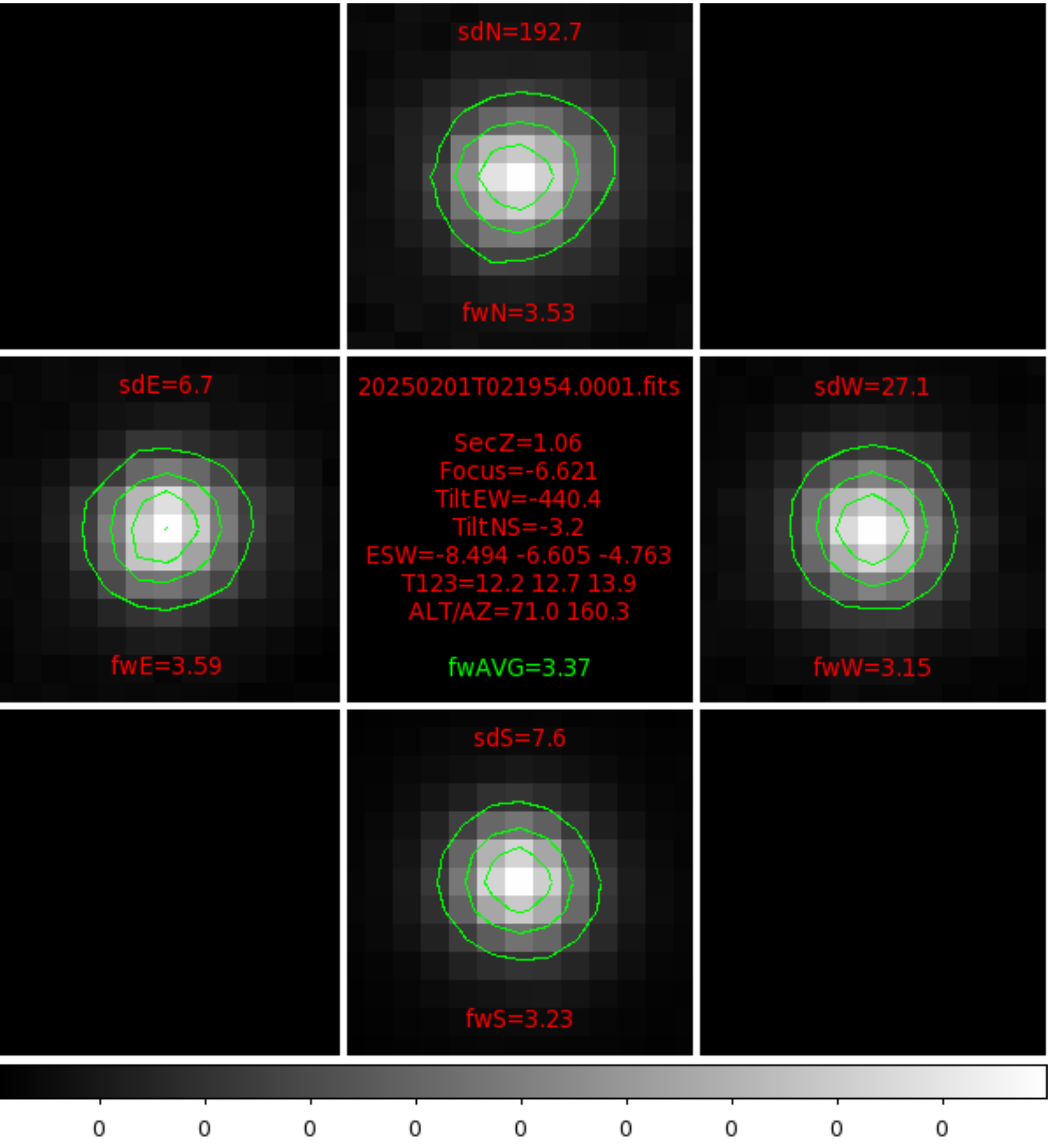

sdN=22.3
fwN=2.69
sdE=43.0
fwE=2.59
20250201T021334.0001.fits
SecZ=1.13
Focus=-6.621
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.494 -6.605 -4.763
T123=12.1 12.8 13.9
ALT/AZ=61.8 -170.1
fwAVG=2.59
sdW=45.7
fwW=2.55
sdS=275.5
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=31.5
fwN=2.43
sdE=78.6
fwE=2.27
20250201T021544.0001.fits
SecZ=1.14
Focus=-6.621
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.494 -6.605 -4.763
T123=12.1 12.7 13.9
ALT/AZ=61.8 -169.0
fwAVG=2.34
sdW=67.8
fwW=2.36
sdS=351.9
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=30.4
fwN=2.66
sdE=81.9
fwE=2.62
20250201T021614.0001.fits
SecZ=1.14
Focus=-6.621
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.494 -6.605 -4.763
T123=12.2 12.8 13.9
ALT/AZ=61.7 -168.7
fwAVG=2.55
sdW=67.6
fwW=2.47
sdS=326.6
fwS=2.44
0 0 0 0 0 0 0 0 0


sdN=70.4
fwN=2.68
sdE=45.4
fwE=2.48
20250201T021746.0001.fits
SecZ=1.06
Focus=-6.621
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.494 -6.605 -4.763
T123=12.2 12.8 13.9
ALT/AZ=70.8 158.8
fwAVG=2.53
sdW=44.1
fwW=2.56
sdS=198.5
fwS=2.40
0 0 0 0 0 0 0 0 0


sdN=198.8
fwN=3.01
sdE=6.8
fwE=2.95
20250201T021817.0001.fits
SecZ=1.06
Focus=-6.621
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.494 -6.605 -4.763
T123=12.1 12.7 13.9
ALT/AZ=70.8 159.2
fwAVG=2.83
sdW=27.5
fwW=2.68
sdS=7.2
fwS=2.70
0 0 0 0 0 0 0 0 0


sdN=192.7
fwN=3.53
sdE=6.7
fwE=3.59
20250201T021954.0001.fits
SecZ=1.06
Focus=-6.621
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.494 -6.605 -4.763
T123=12.2 12.7 13.9
ALT/AZ=71.0 160.3
fwAVG=3.37
sdW=27.1
fwW=3.15
sdS=7.6
fwS=3.23
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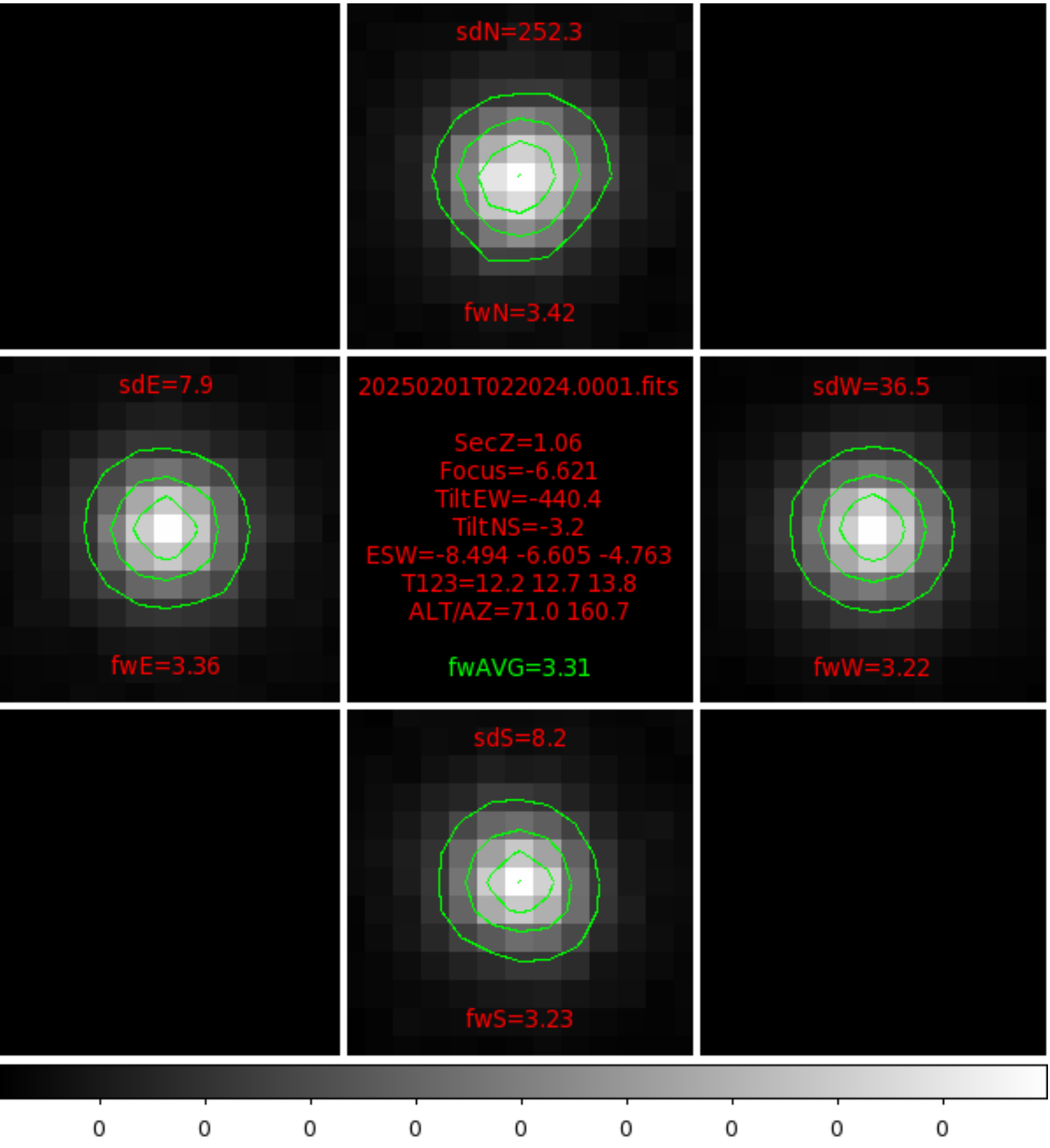
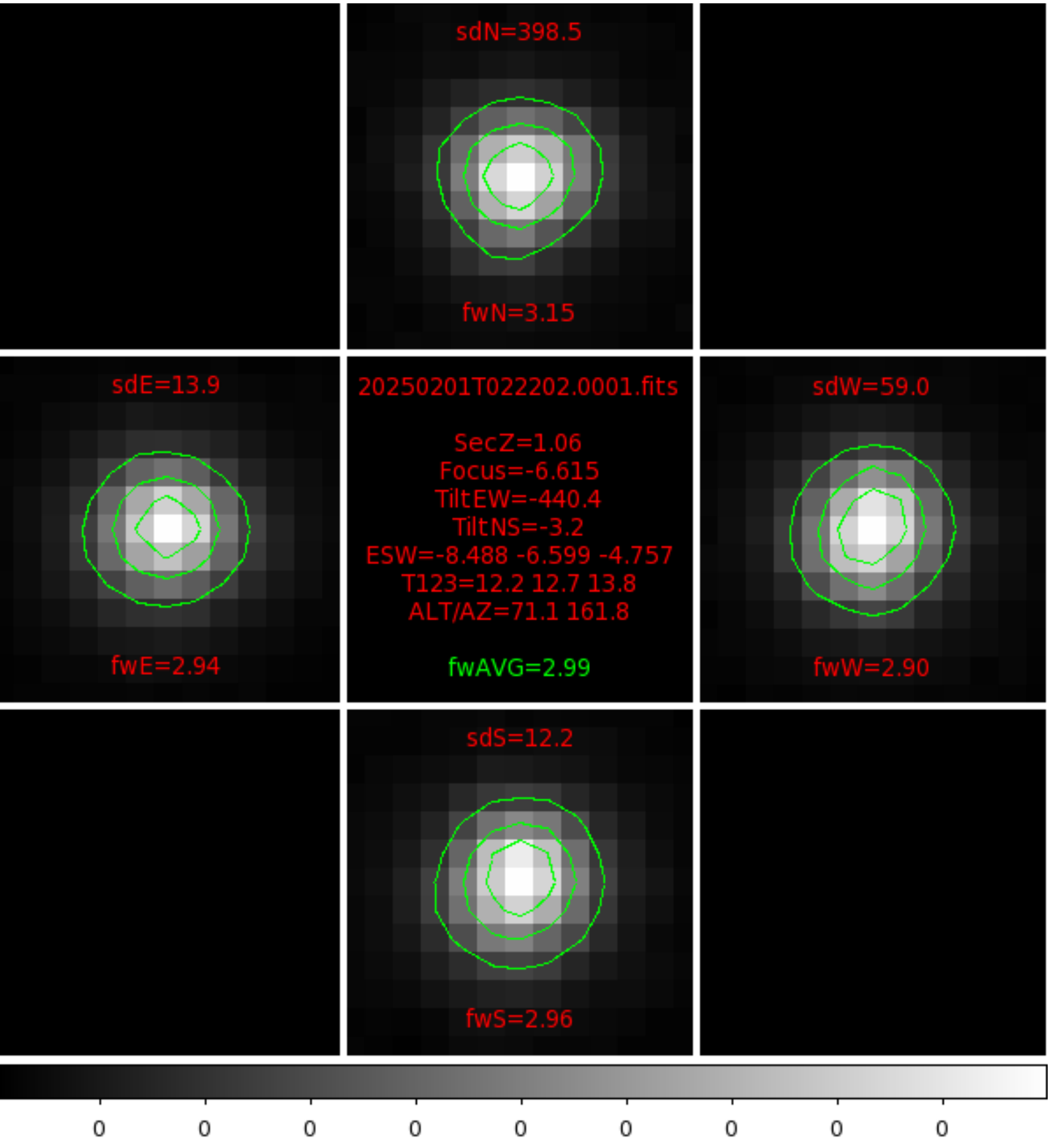
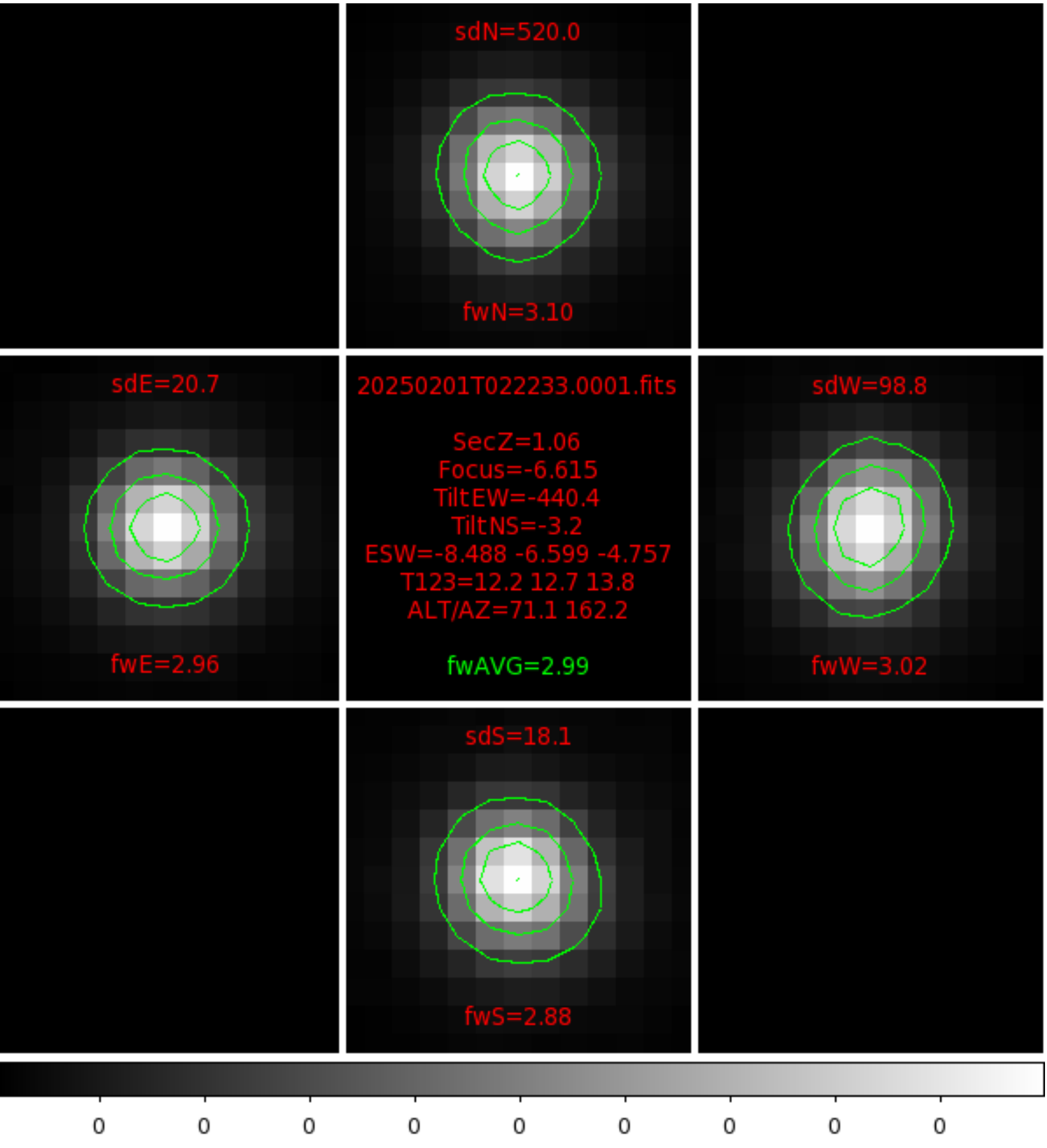

sdN=252.3
fwN=3.42
sdE=7.9
fwE=3.36
20250201T022024.0001.fits
SecZ=1.06
Focus=-6.621
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.494 -6.605 -4.763
T123=12.2 12.7 13.8
ALT/AZ=71.0 160.7
fwAVG=3.31
sdW=36.5
fwW=3.22
sdS=8.2
fwS=3.23
0 0 0 0 0 0 0 0 0


sdN=398.5
fwN=3.15
sdE=13.9
fwE=2.94
20250201T022202.0001.fits
SecZ=1.06
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.2 12.7 13.8
ALT/AZ=71.1 161.8
fwAVG=2.99
sdW=59.0
fwW=2.90
sdS=12.2
fwS=2.96
0 0 0 0 0 0 0 0 0


sdN=520.0
fwN=3.10
sdE=20.7
fwE=2.96
20250201T022233.0001.fits
SecZ=1.06
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.2 12.7 13.8
ALT/AZ=71.1 162.2
fwAVG=2.99
sdW=98.8
fwW=3.02
sdS=18.1
fwS=2.88
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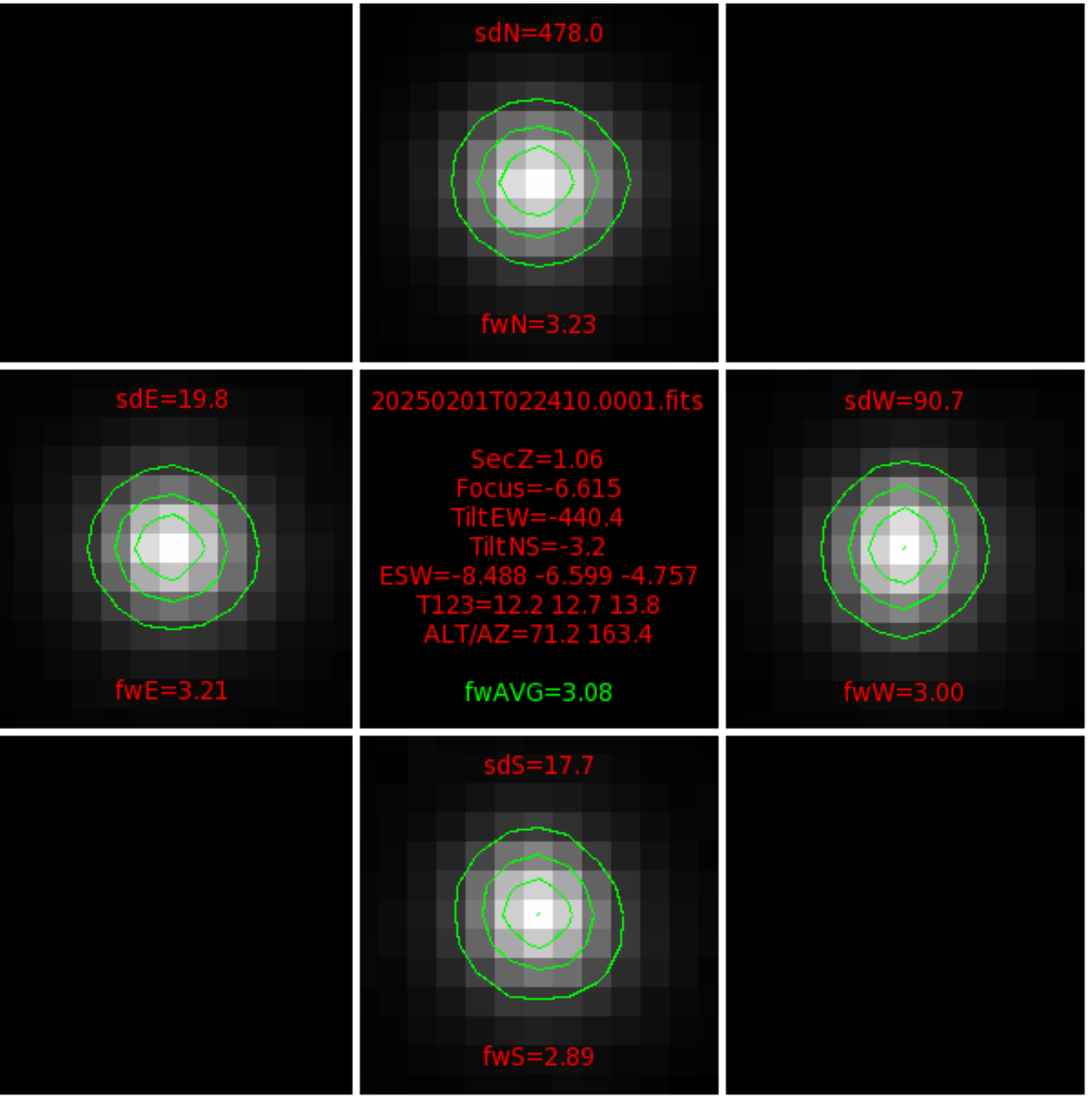
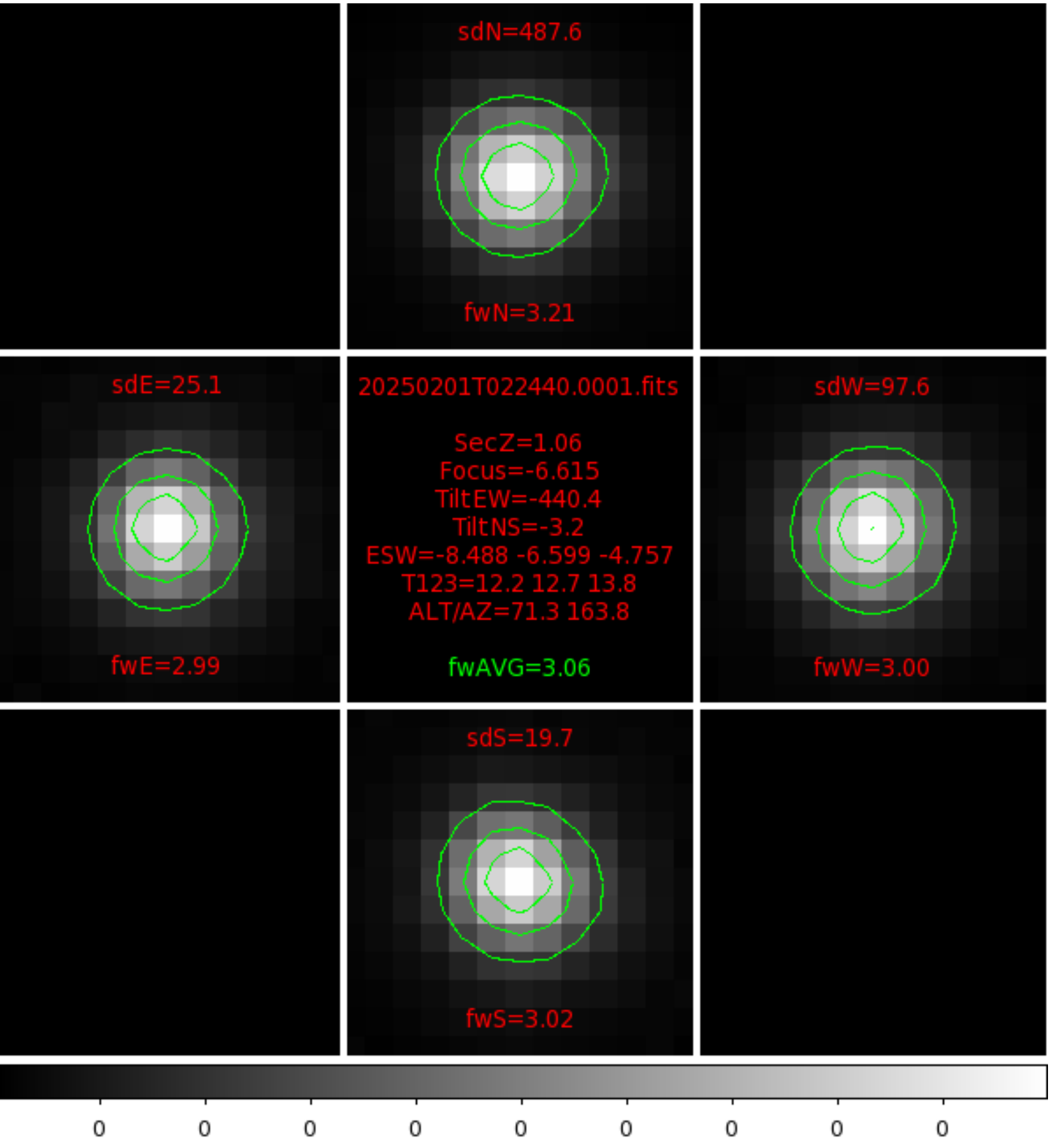

sdN=478.0
fwN=3.23
sdE=19.8
fwE=3.21
20250201T022410.0001.fits
SecZ=1.06
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.2 12.7 13.8
ALT/AZ=71.2 163.4
fwAVG=3.08
sdW=90.7
fwW=3.00
sdS=17.7
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=487.6
fwN=3.21
sdE=25.1
fwE=2.99
20250201T022440.0001.fits
SecZ=1.06
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.2 12.7 13.8
ALT/AZ=71.3 163.8
fwAVG=3.06
sdW=97.6
fwW=3.00
sdS=19.7
fwS=3.02
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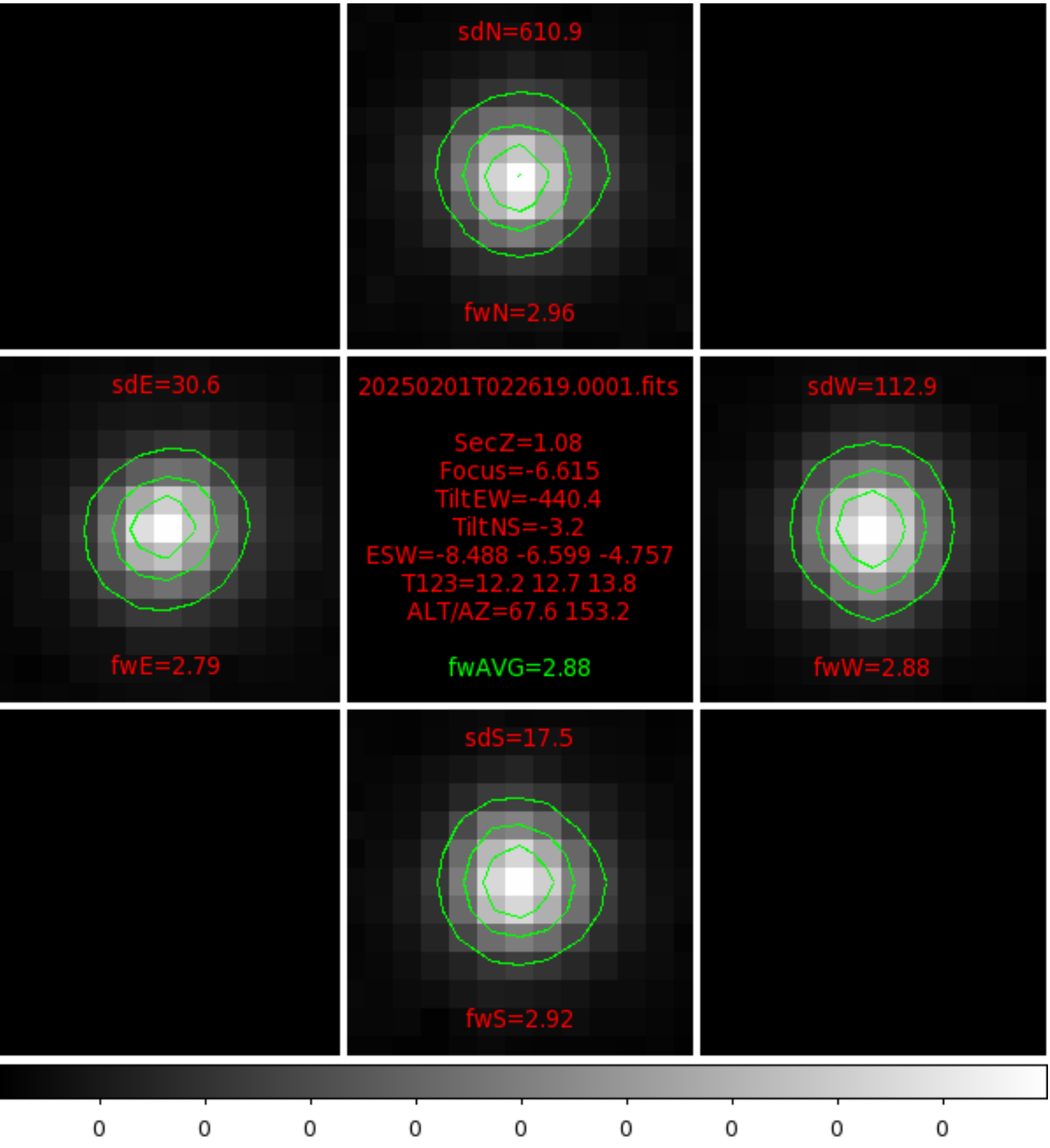
sdN=610.9
fwN=2.96
sdE=30.6
fwE=2.79
20250201T022619.0001.fits
SecZ=1.08
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.2 12.7 13.8
ALT/AZ=67.6 153.2
fwAVG=2.88
sdW=112.9
fwW=2.88
sdS=17.5
fwS=2.92
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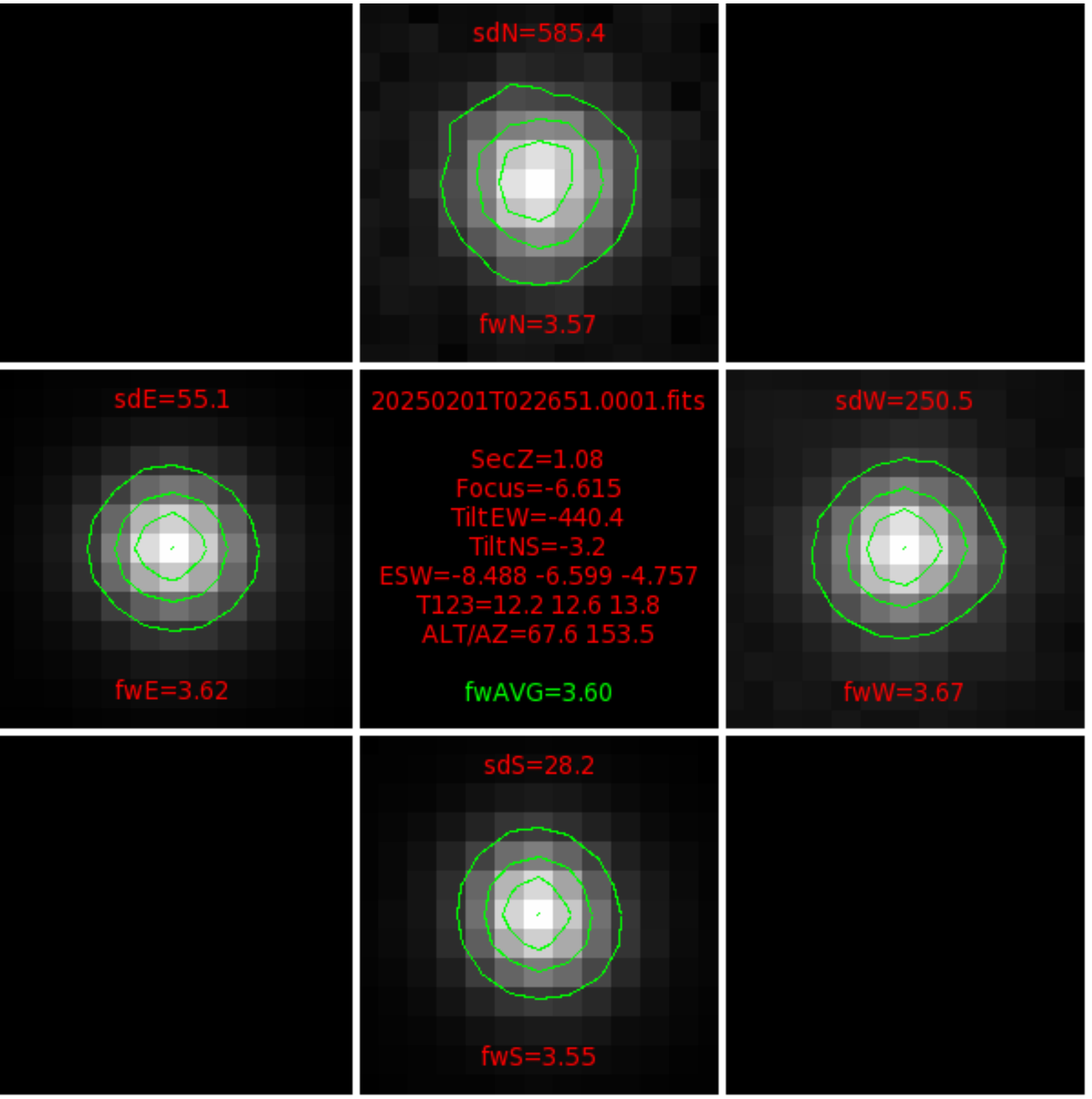
sdN=585.4
fwN=3.57
sdE=55.1
fwE=3.62
20250201T022651.0001.fits
SecZ=1.08
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.2 12.6 13.8
ALT/AZ=67.6 153.5
fwAVG=3.60
sdW=250.5
fwW=3.67
sdS=28.2
fwS=3.55
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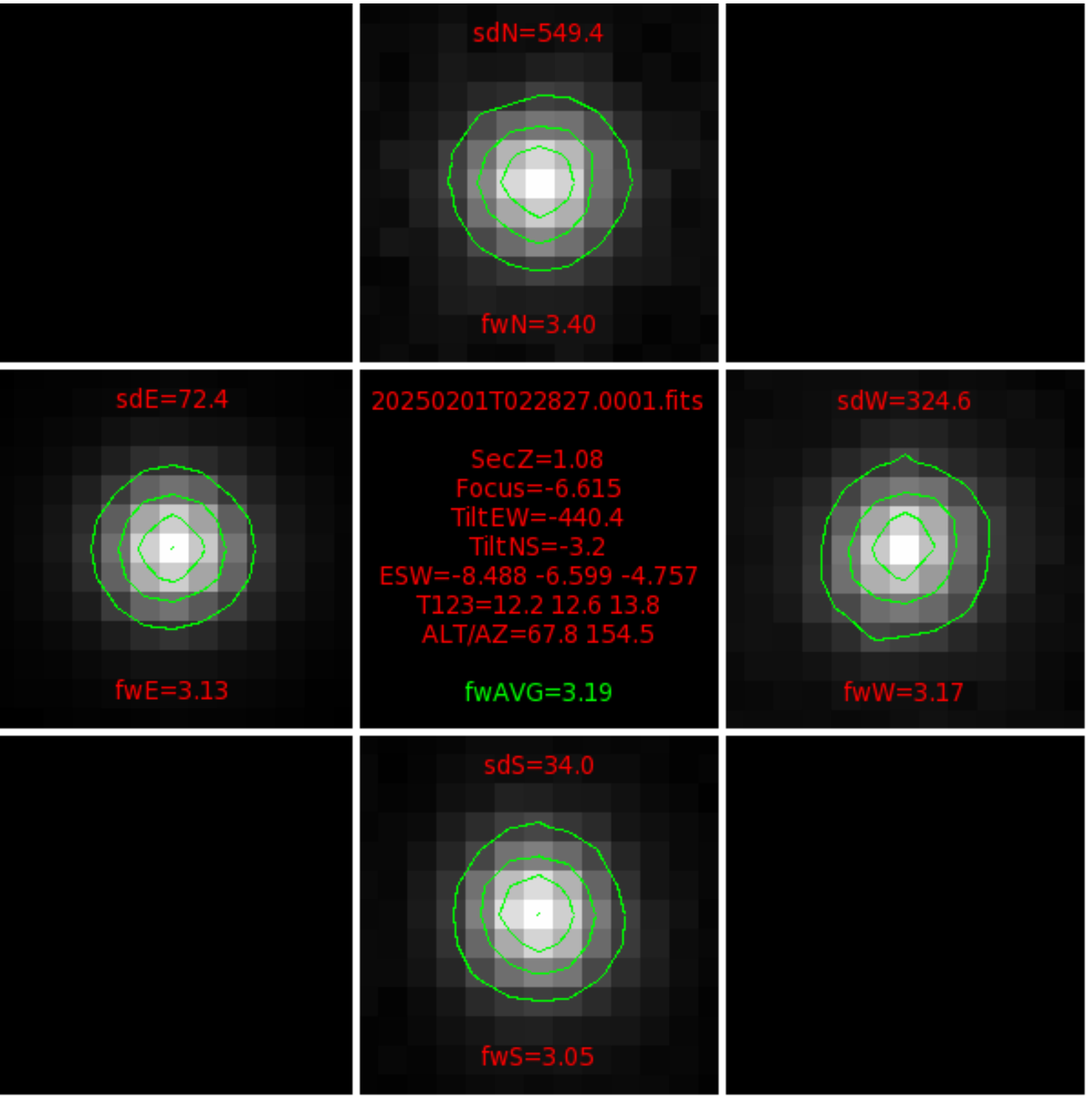
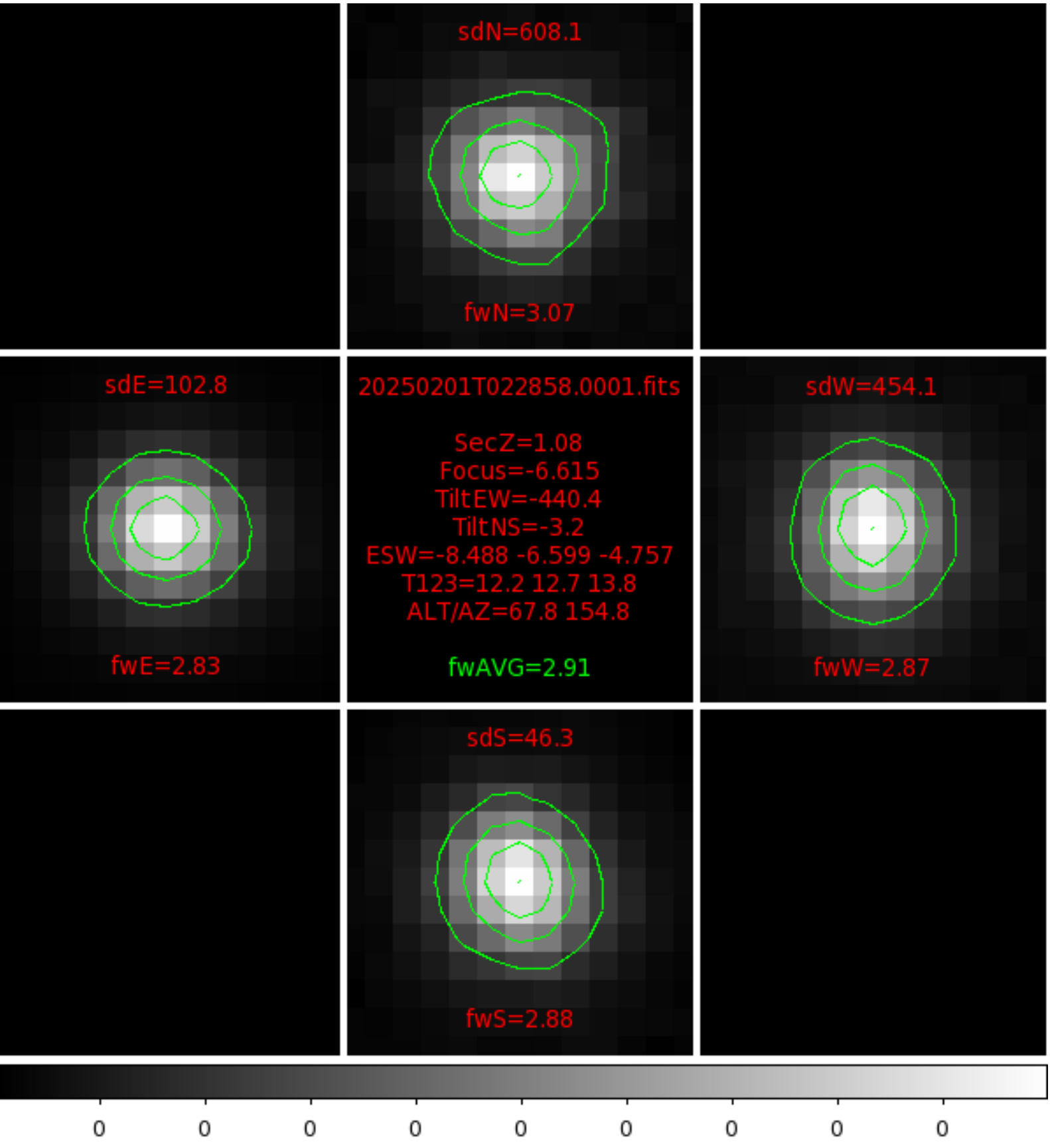
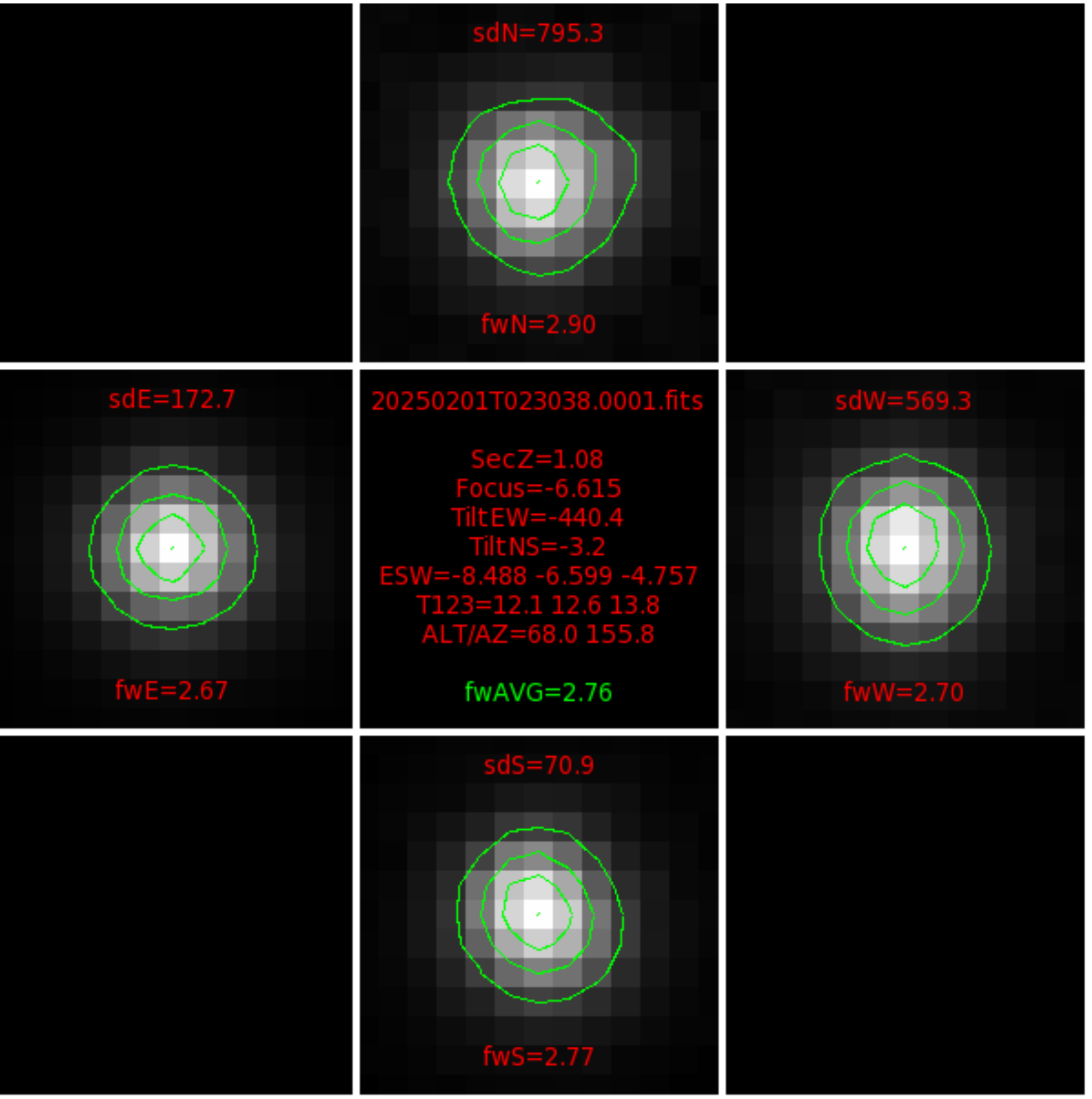
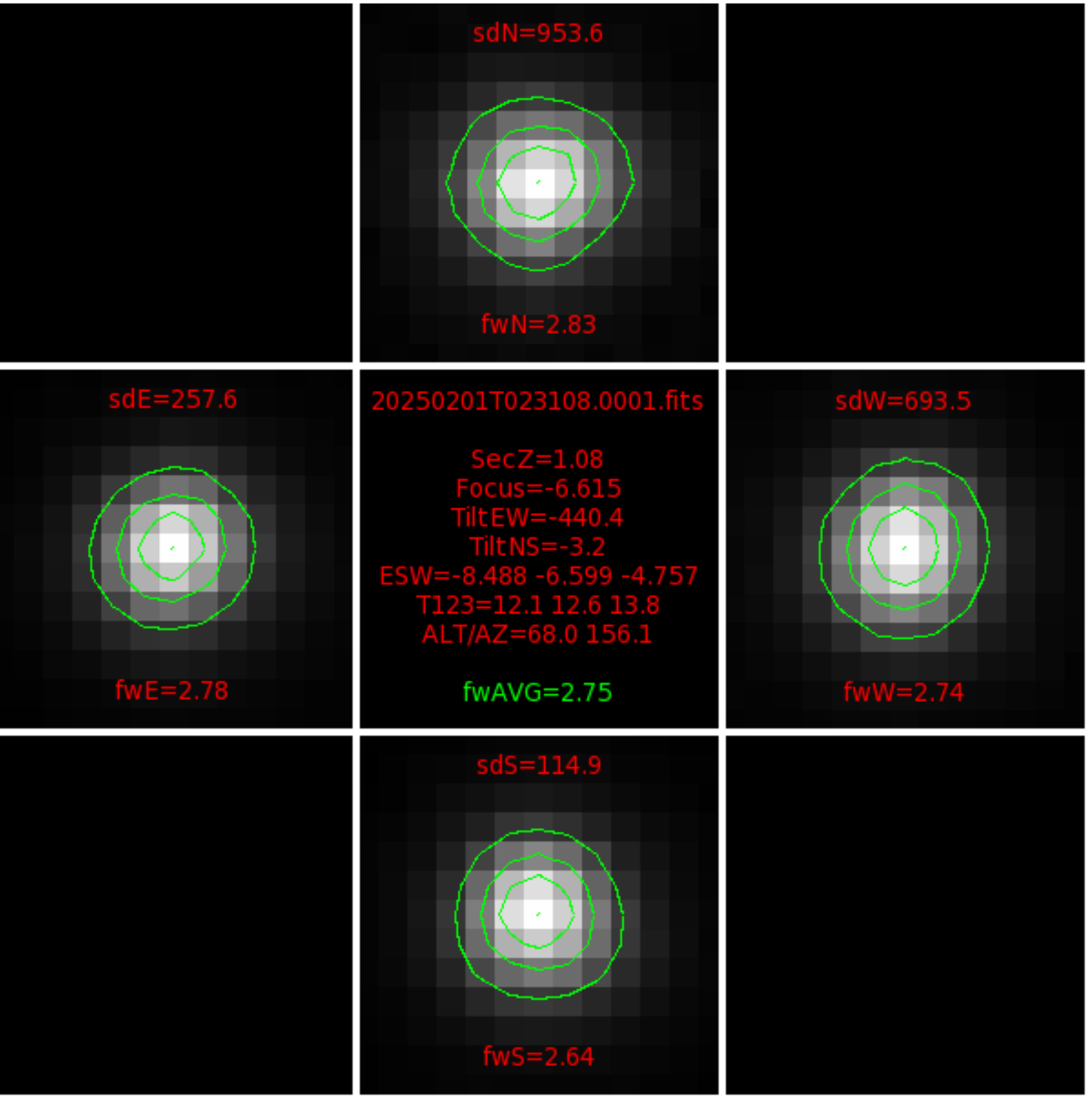
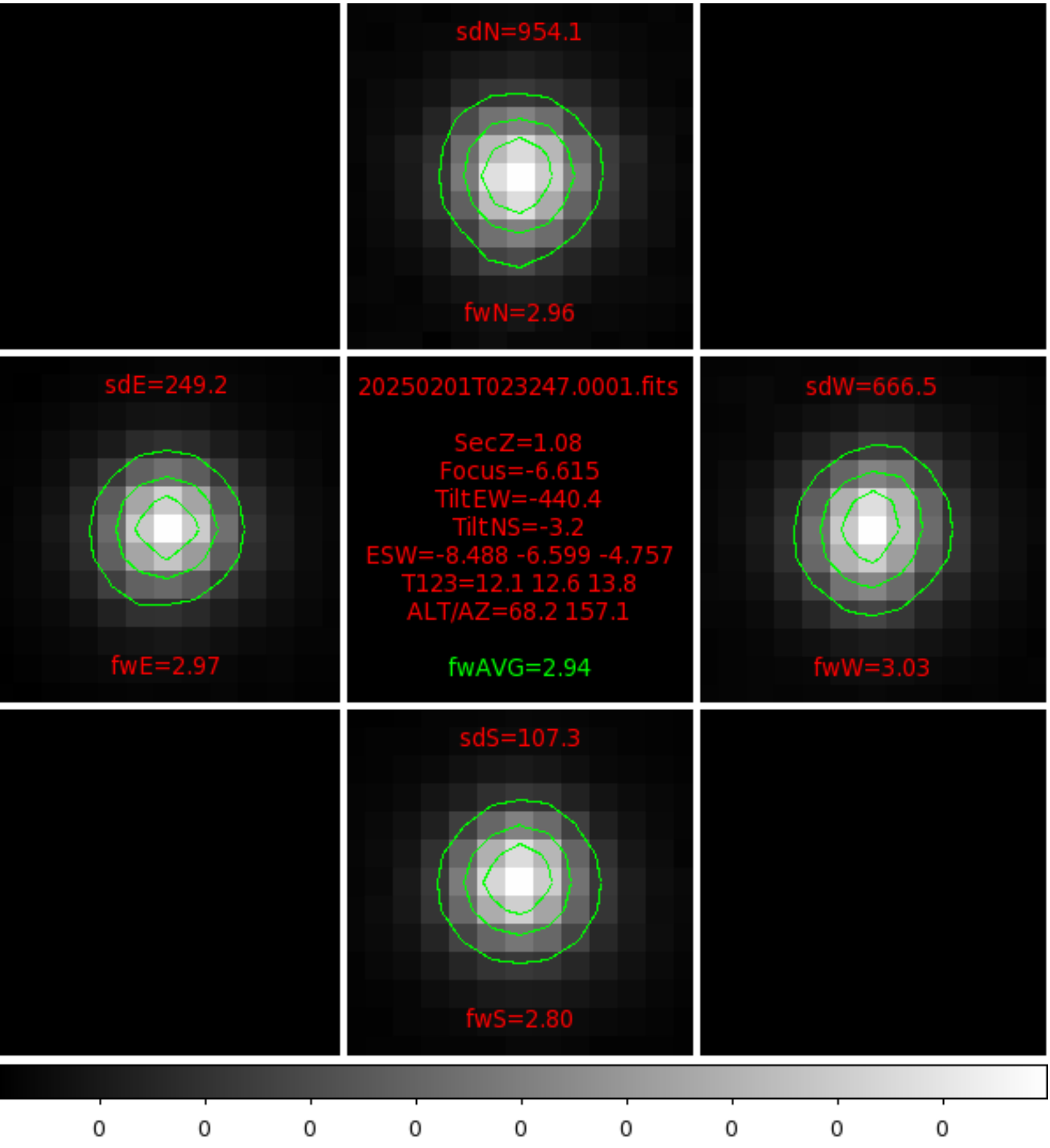
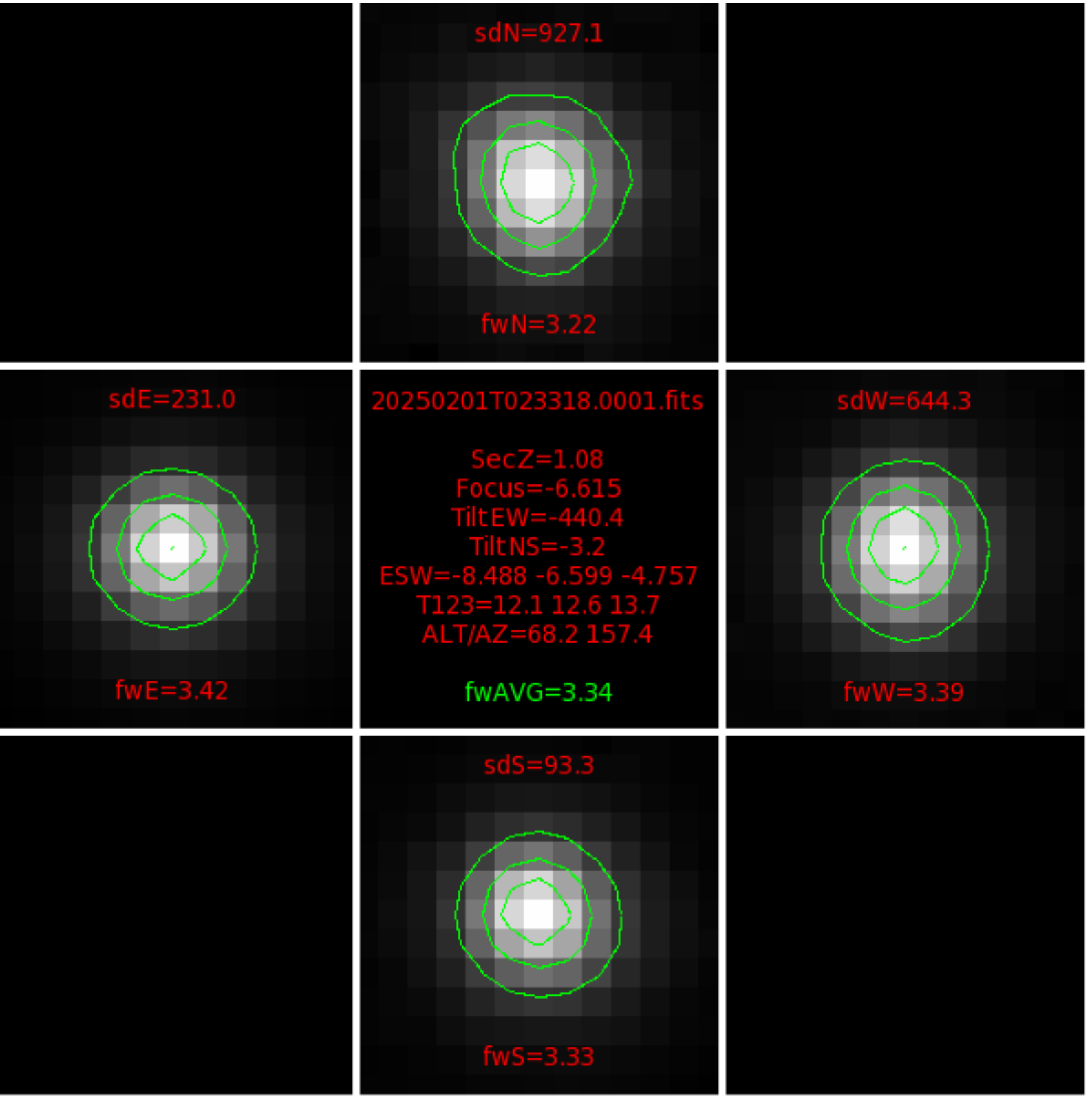

sdN=549.4
fwN=3.40
sdE=72.4
fwE=3.13
20250201T022827.0001.fits
SecZ=1.08
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.2 12.6 13.8
ALT/AZ=67.8 154.5
fwAVG=3.19
sdW=324.6
fwW=3.17
sdS=34.0
fwS=3.05
0 0 0 0 0 0 0 0 0

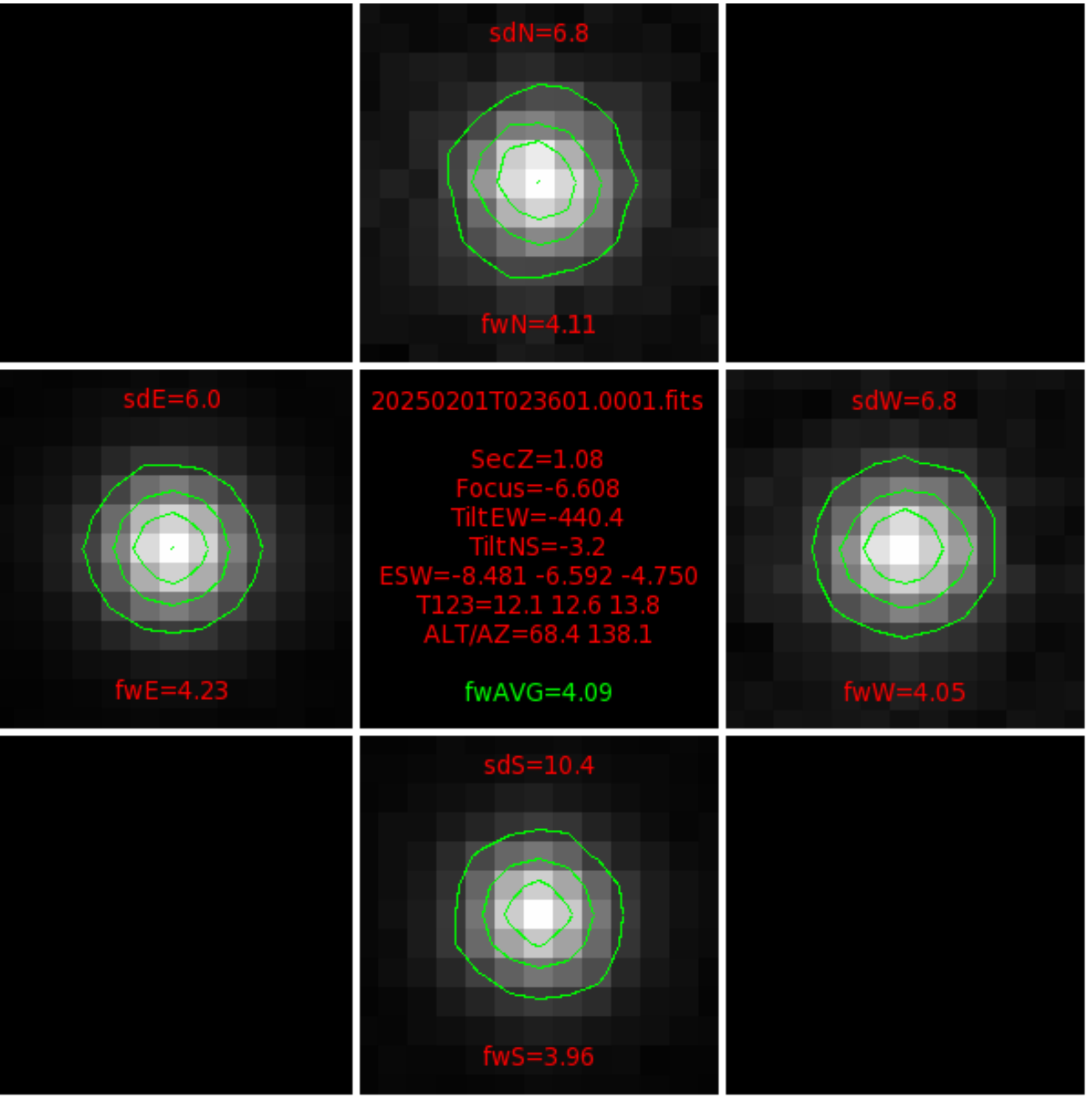

sdN=608.1
fwN=3.07
sdE=102.8
fwE=2.83
20250201T022858.0001.fits
SecZ=1.08
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.2 12.7 13.8
ALT/AZ=67.8 154.8
fwAVG=2.91
sdW=454.1
fwW=2.87
sdS=46.3
fwS=2.88
0 0 0 0 0 0 0 0 0


sdN=795.3
fwN=2.90
sdE=172.7
fwE=2.67
20250201T023038.0001.fits
SecZ=1.08
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.6 13.8
ALT/AZ=68.0 155.8
fwAVG=2.76
sdW=569.3
fwW=2.70
sdS=70.9
fwS=2.77
0 0 0 0 0 0 0 0 0


sdN=953.6
fwN=2.83
sdE=257.6
fwE=2.78
20250201T023108.0001.fits
SecZ=1.08
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.6 13.8
ALT/AZ=68.0 156.1
fwAVG=2.75
sdW=693.5
fwW=2.74
sdS=114.9
fwS=2.64
0 0 0 0 0 0 0 0 0


sdN=954.1
fwN=2.96
sdE=249.2
fwE=2.97
20250201T023247.0001.fits
SecZ=1.08
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.6 13.8
ALT/AZ=68.2 157.1
fwAVG=2.94
sdW=666.5
fwW=3.03
sdS=107.3
fwS=2.80
0 0 0 0 0 0 0 0 0


sdN=927.1
fwN=3.22
sdE=231.0
fwE=3.42
20250201T023318.0001.fits
SecZ=1.08
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.6 13.7
ALT/AZ=68.2 157.4
fwAVG=3.34
sdW=644.3
fwW=3.39
sdS=93.3
fwS=3.33
0 0 0 0 0 0 0 0 0


sdN=6.8
fwN=4.11
sdE=6.0
fwE=4.23
20250201T023601.0001.fits
SecZ=1.08
Focus=-6.608
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.481 -6.592 -4.750
T123=12.1 12.6 13.8
ALT/AZ=68.4 138.1
fwAVG=4.09
sdW=6.8
fwW=4.05
sdS=10.4
fwS=3.96
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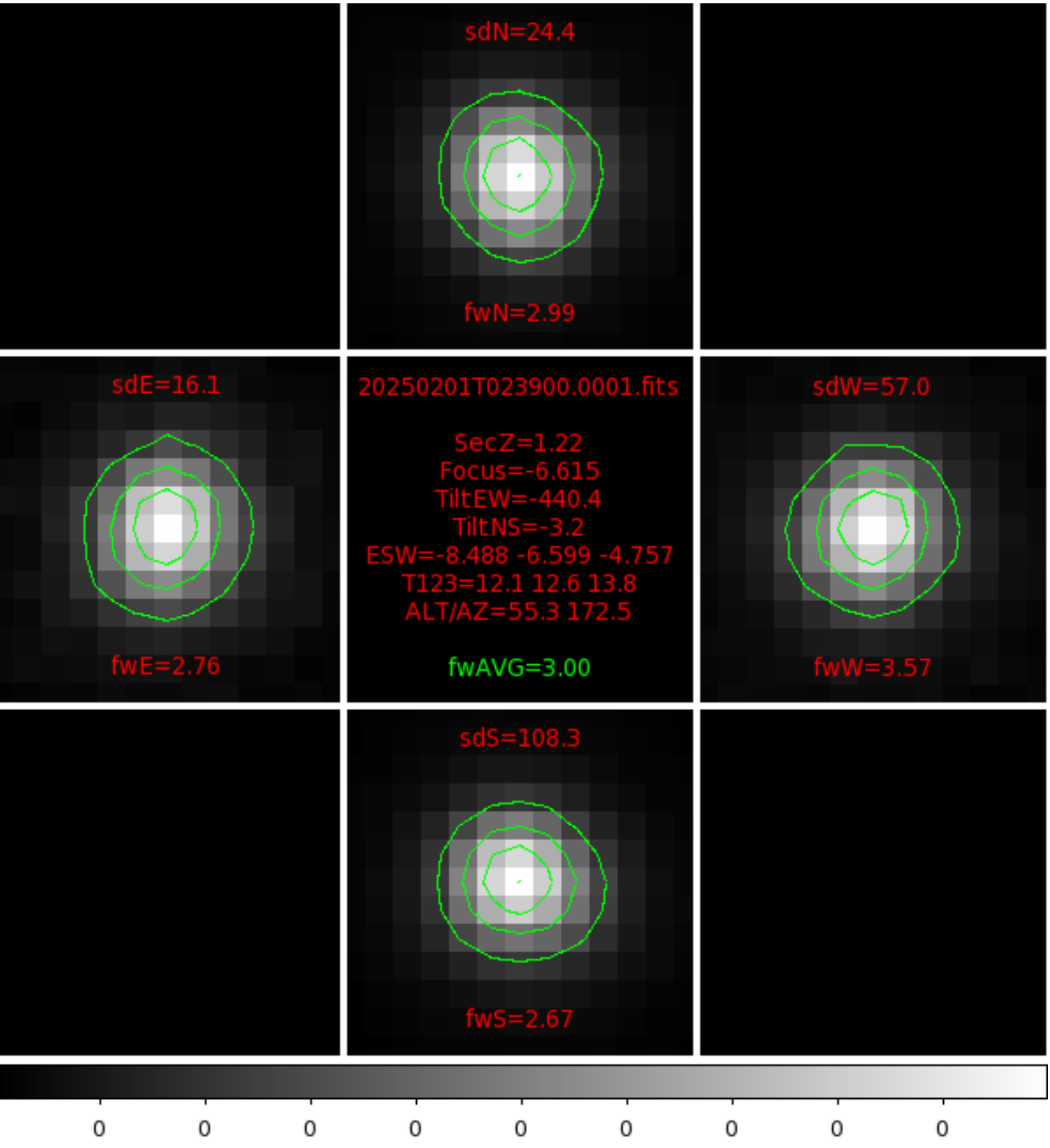
sdN=24.4
fwN=2.99
sdE=16.1
fwE=2.76
20250201T023900.0001.fits
SecZ=1.22
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.6 13.8
ALT/AZ=55.3 172.5
fwAVG=3.00
sdW=57.0
fwW=3.57
sdS=108.3
fwS=2.67
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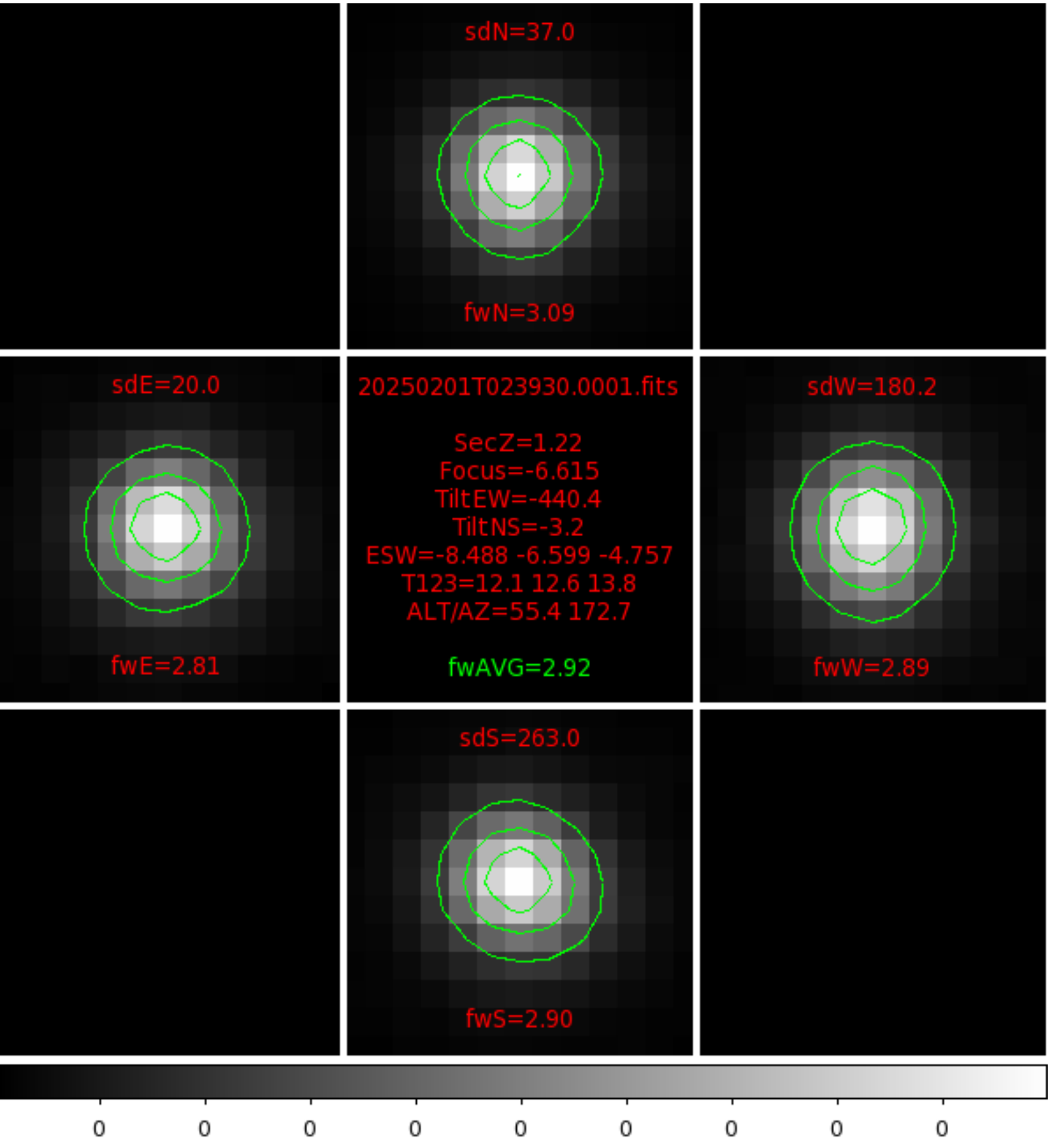
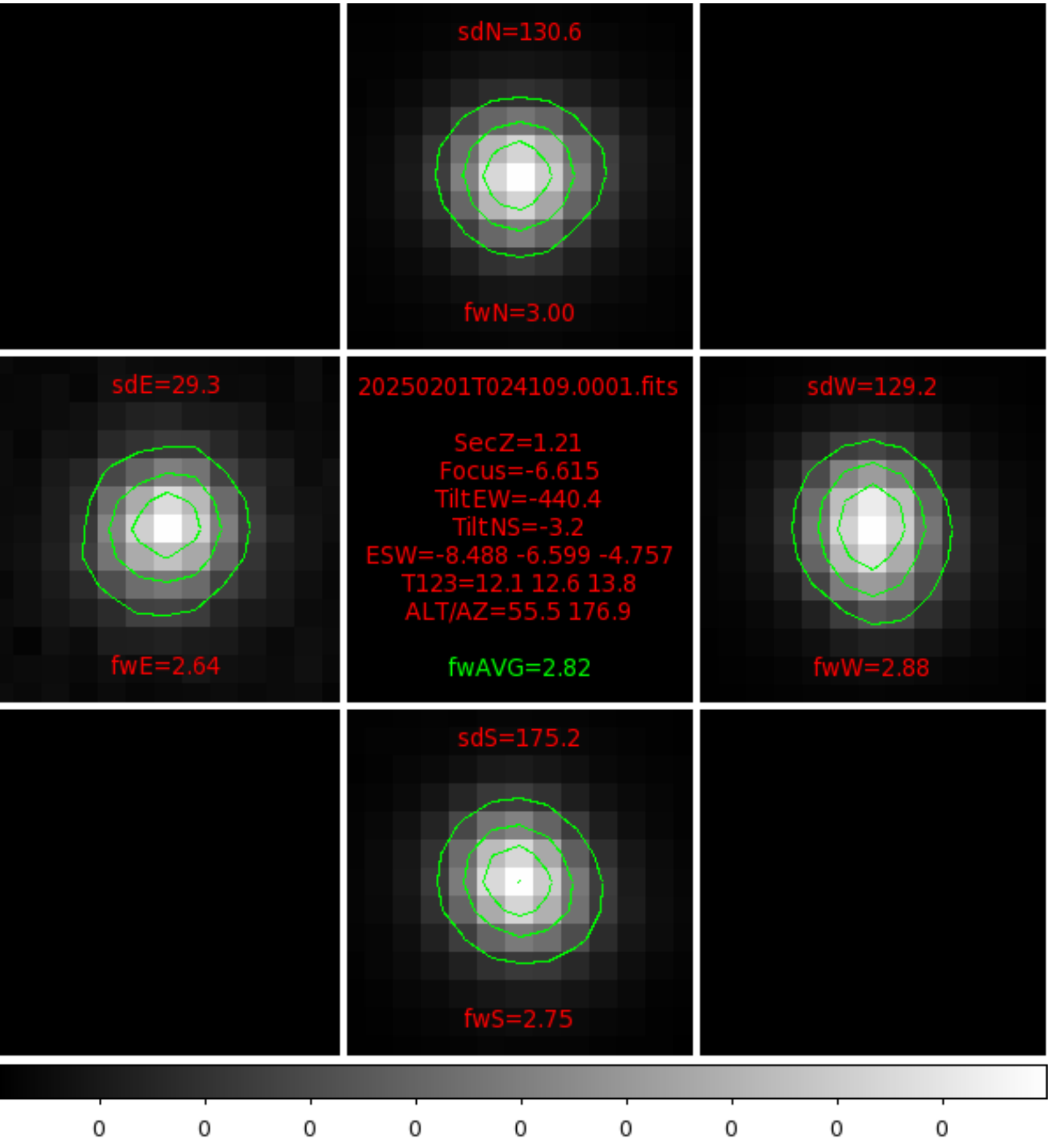
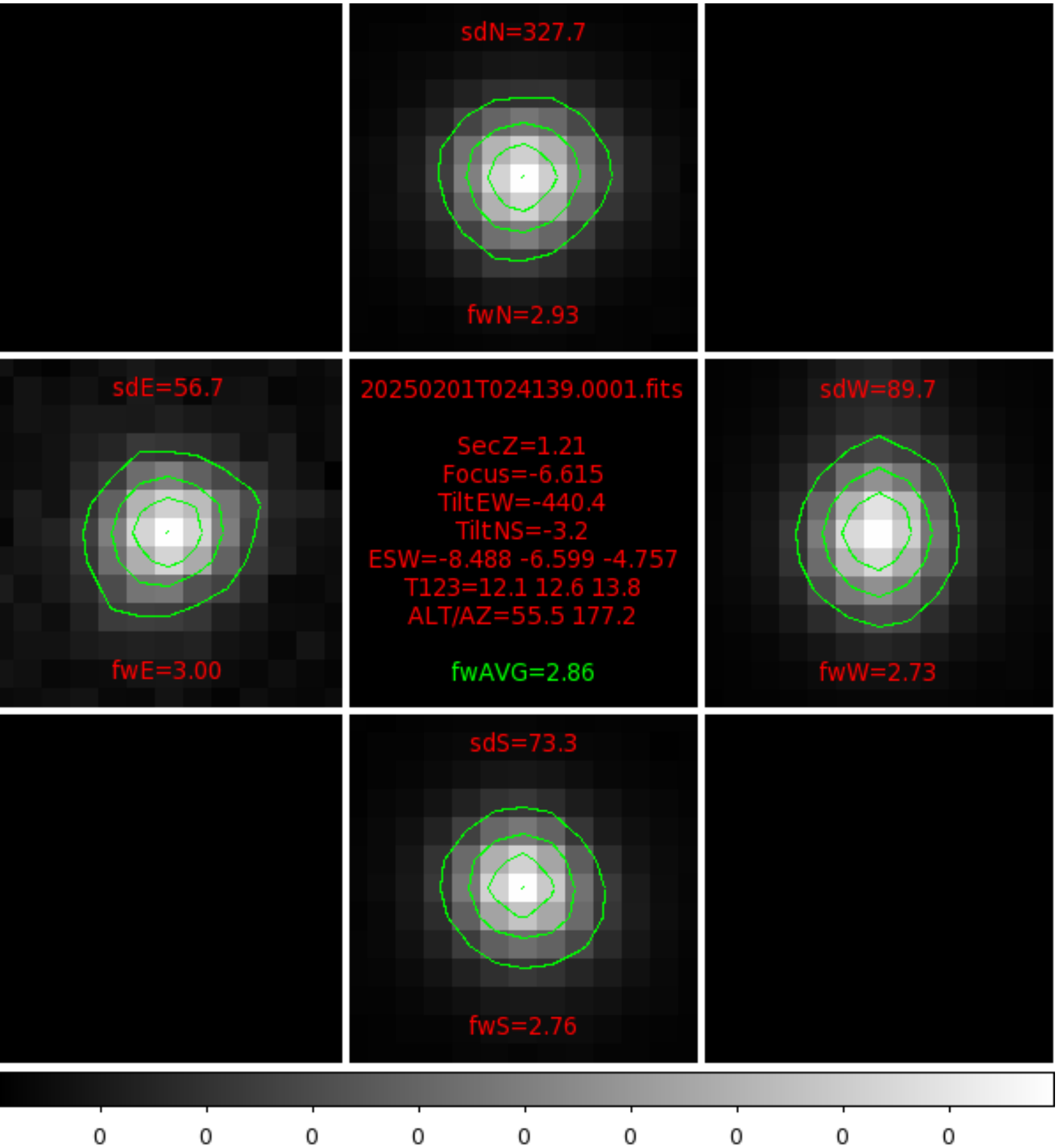

sdN=37.0
fwN=3.09
sdE=20.0
fwE=2.81
20250201T023930.0001.fits
SecZ=1.22
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.6 13.8
ALT/AZ=55.4 172.7
fwAVG=2.92
sdW=180.2
fwW=2.89
sdS=263.0
fwS=2.90
0 0 0 0 0 0 0 0 0


sdN=130.6
fwN=3.00
sdE=29.3
fwE=2.64
20250201T024109.0001.fits
SecZ=1.21
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.6 13.8
ALT/AZ=55.5 176.9
fwAVG=2.82
sdW=129.2
fwW=2.88
sdS=175.2
fwS=2.75
0 0 0 0 0 0 0 0 0


sdN=327.7
fwN=2.93
sdE=56.7
fwE=3.00
20250201T024139.0001.fits
SecZ=1.21
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.6 13.8
ALT/AZ=55.5 177.2
fwAVG=2.86
sdW=89.7
fwW=2.73
sdS=73.3
fwS=2.76
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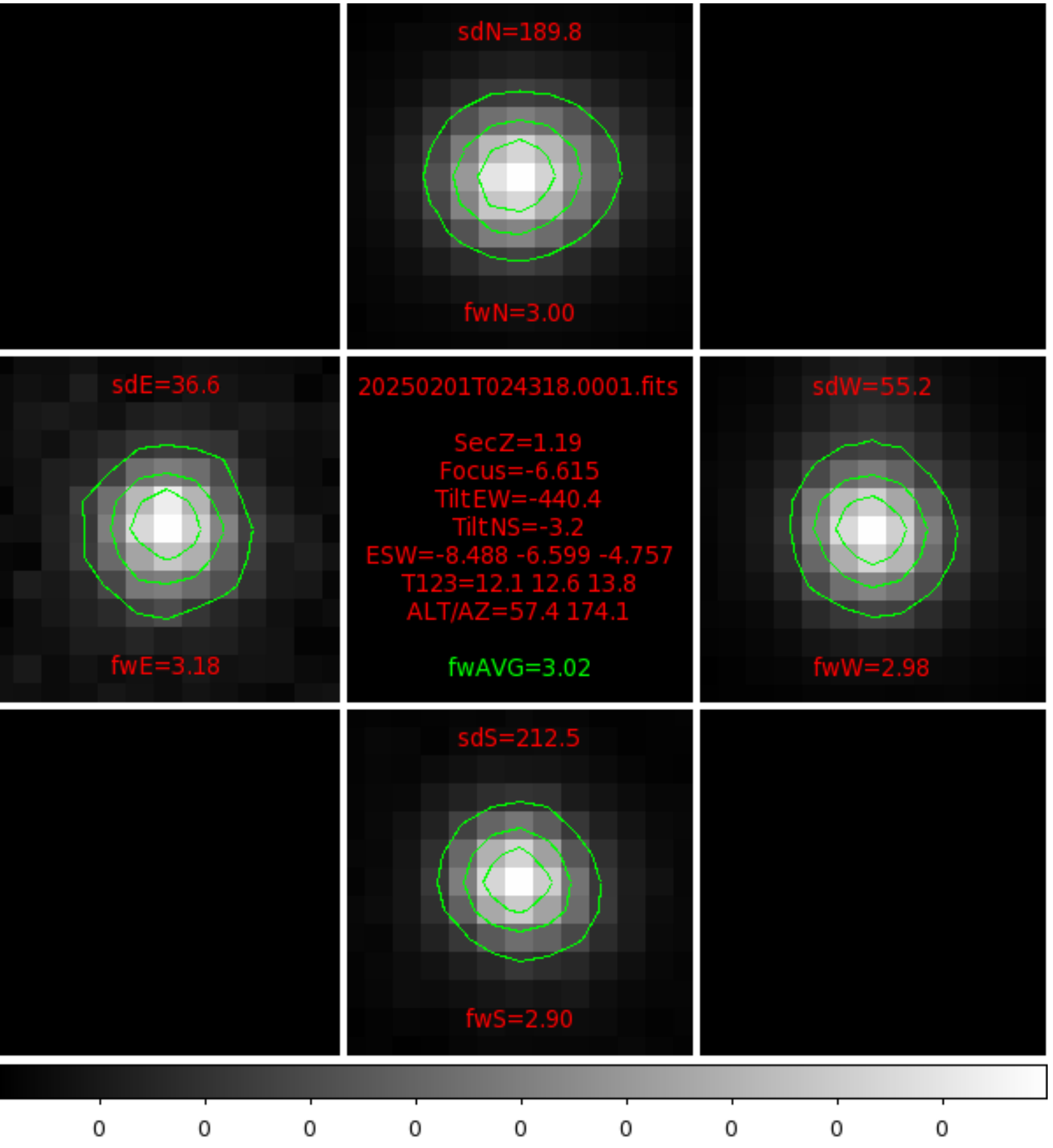
sdN=189.8
fwN=3.00
sdE=36.6
fwE=3.18
20250201T024318.0001.fits
SecZ=1.19
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.6 13.8
ALT/AZ=57.4 174.1
fwAVG=3.02
sdW=55.2
fwW=2.98
sdS=212.5
fwS=2.90
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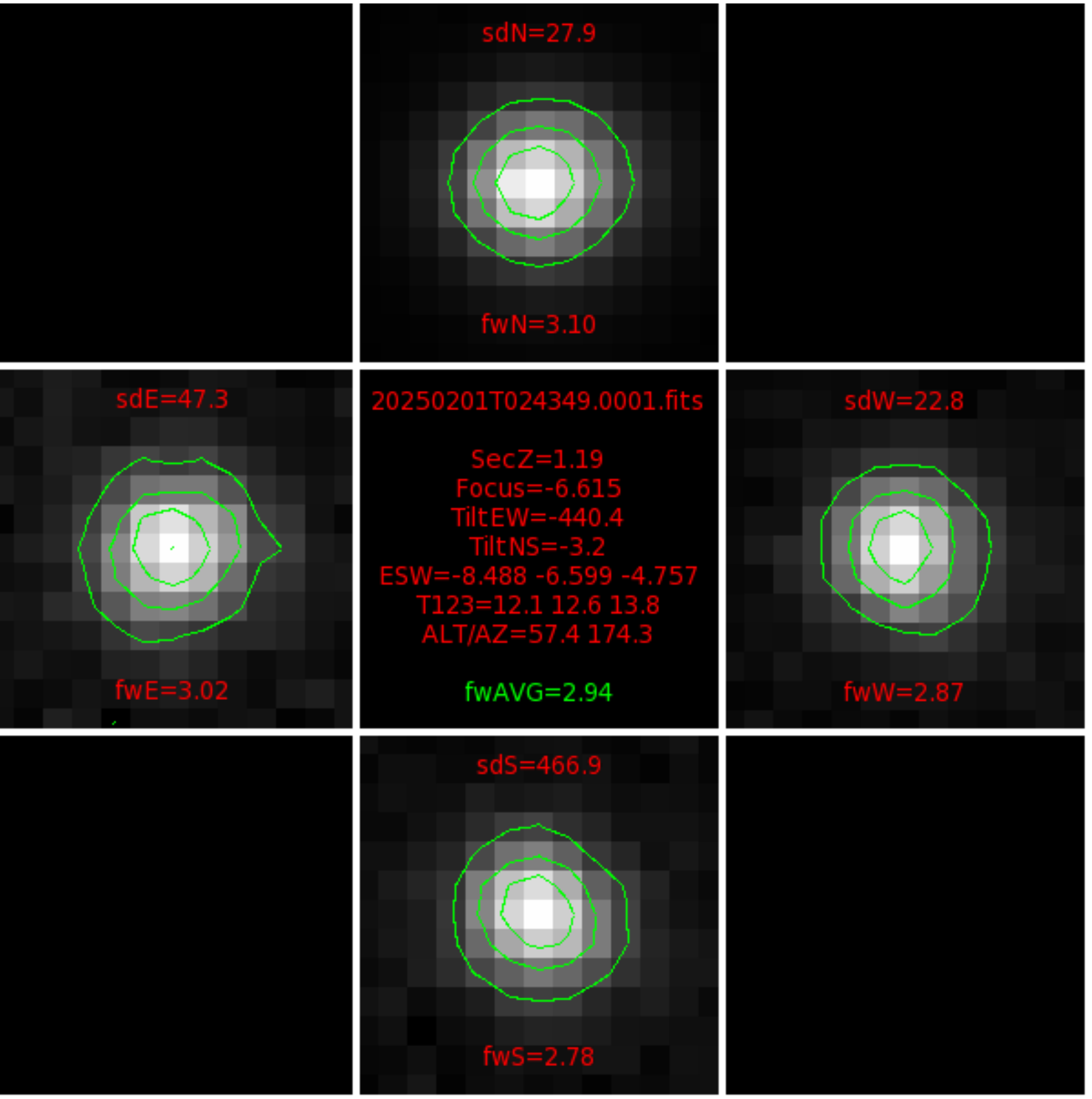
sdN=27.9
fwN=3.10
sdE=47.3
fwE=3.02
20250201T024349.0001.fits
SecZ=1.19
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.6 13.8
ALT/AZ=57.4 174.3
fwAVG=2.94
sdW=22.8
fwW=2.87
sdS=466.9
fwS=2.78
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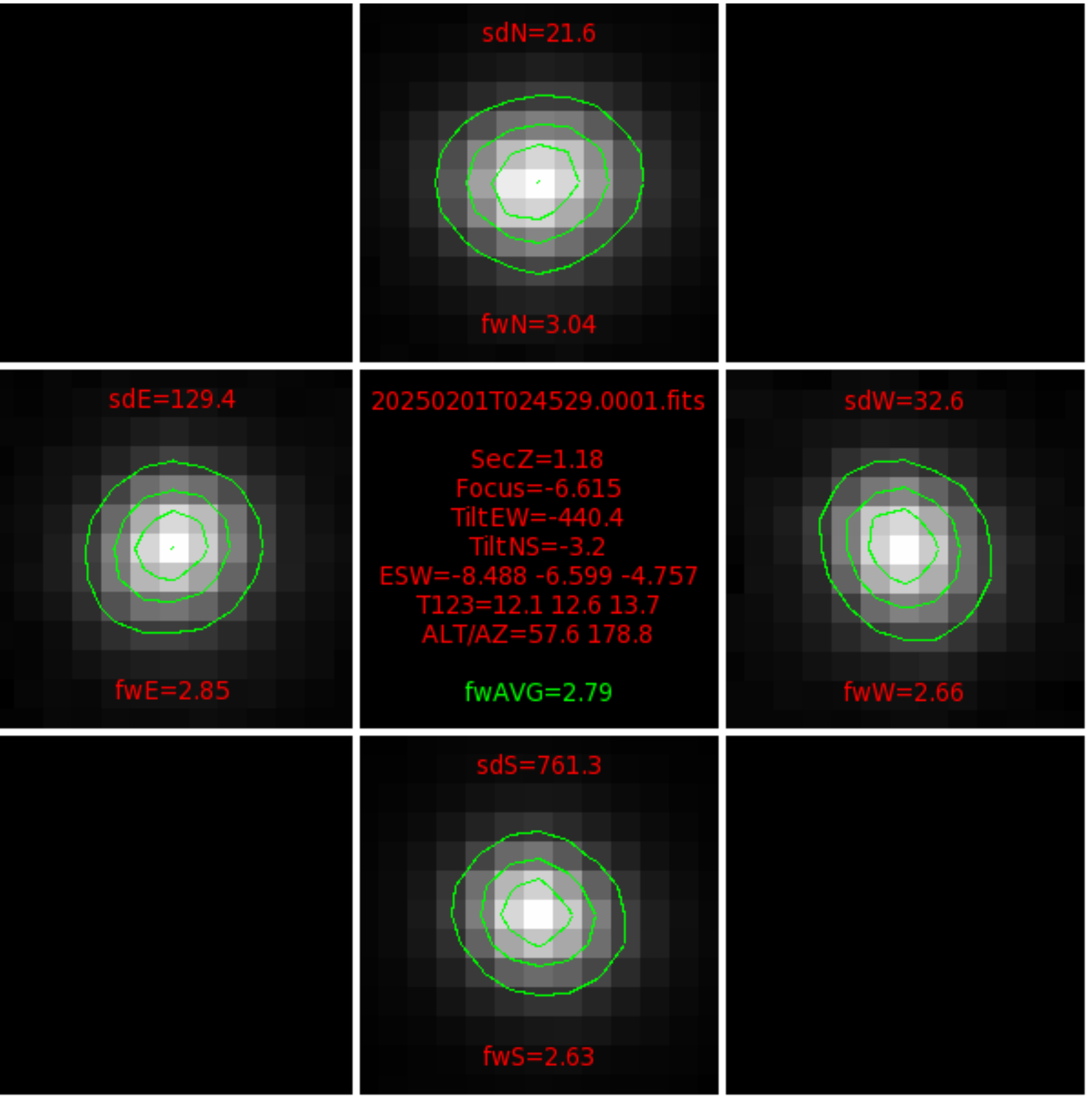
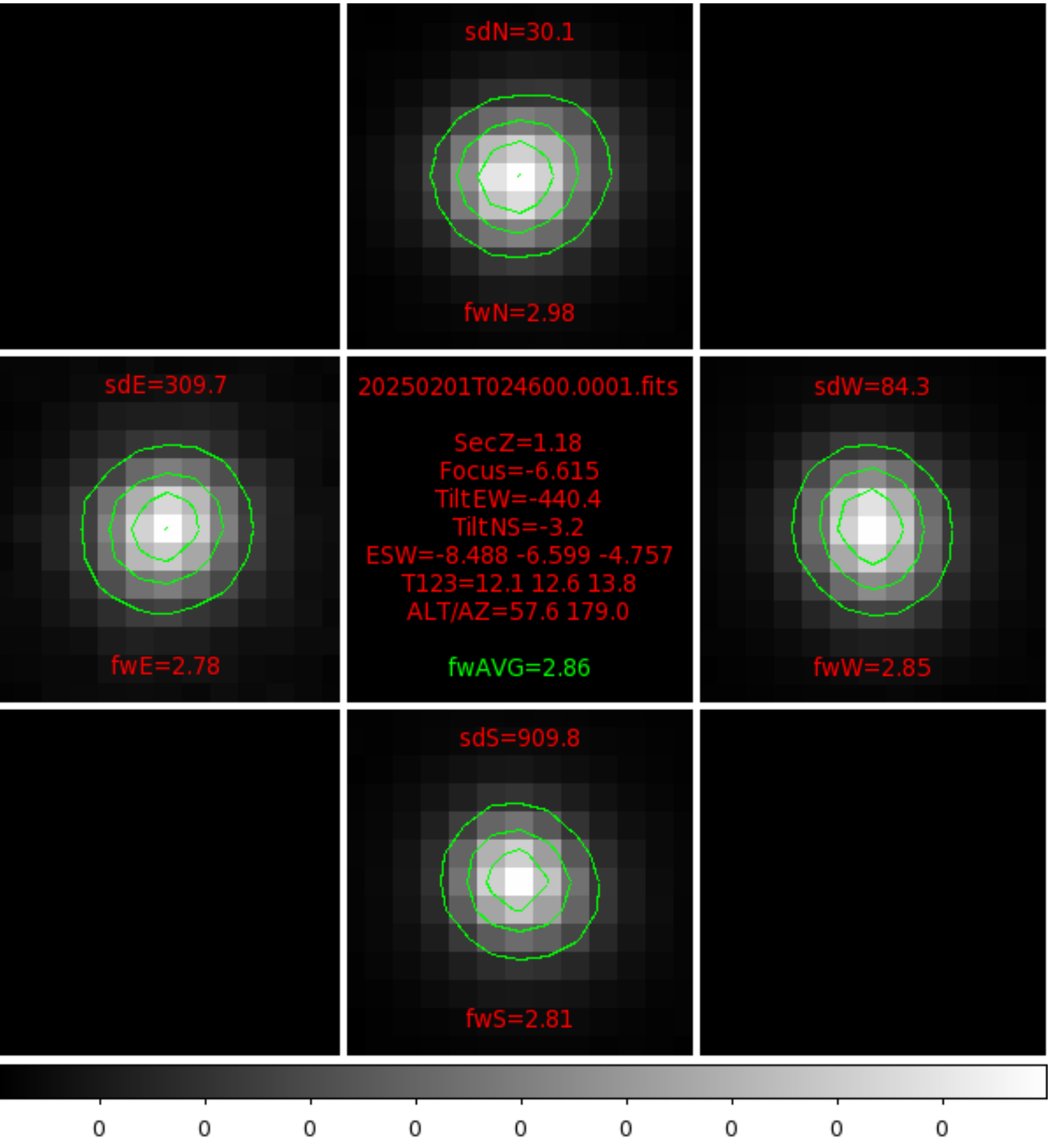

sdN=21.6
fwN=3.04
sdE=129.4
fwE=2.85
20250201T024529.0001.fits
SecZ=1.18
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.6 13.7
ALT/AZ=57.6 178.8
fwAVG=2.79
sdW=32.6
fwW=2.66
sdS=761.3
fwS=2.63
0 0 0 0 0 0 0 0 0


sdN=30.1
fwN=2.98
sdE=309.7
fwE=2.78
20250201T024600.0001.fits
SecZ=1.18
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.6 13.8
ALT/AZ=57.6 179.0
fwAVG=2.86
sdW=84.3
fwW=2.85
sdS=909.8
fwS=2.81
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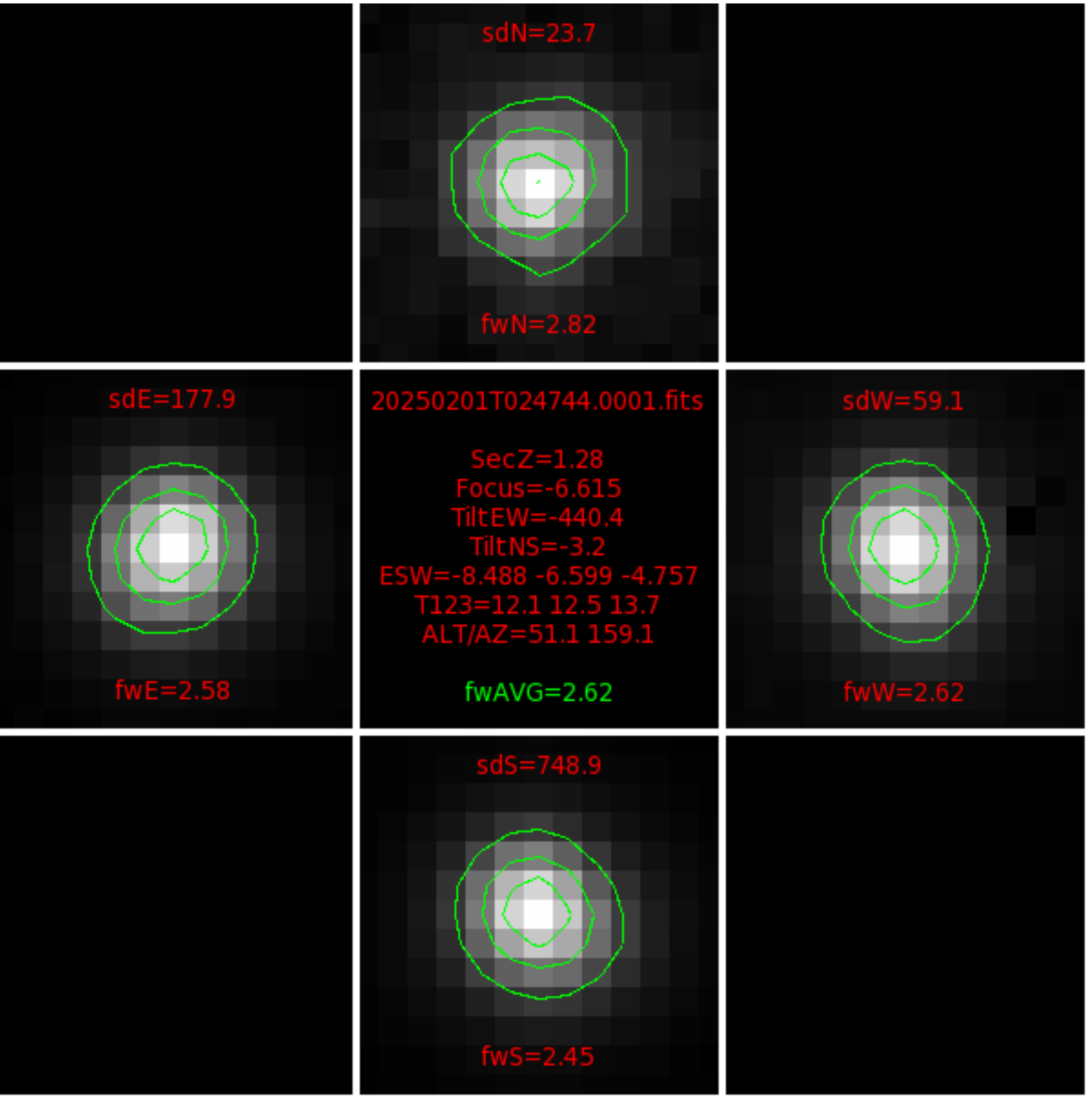
sdN=23.7
fwN=2.82
sdE=177.9
fwE=2.58
20250201T024744.0001.fits
SecZ=1.28
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.5 13.7
ALT/AZ=51.1 159.1
fwAVG=2.62
sdW=59.1
fwW=2.62
sdS=748.9
fwS=2.45
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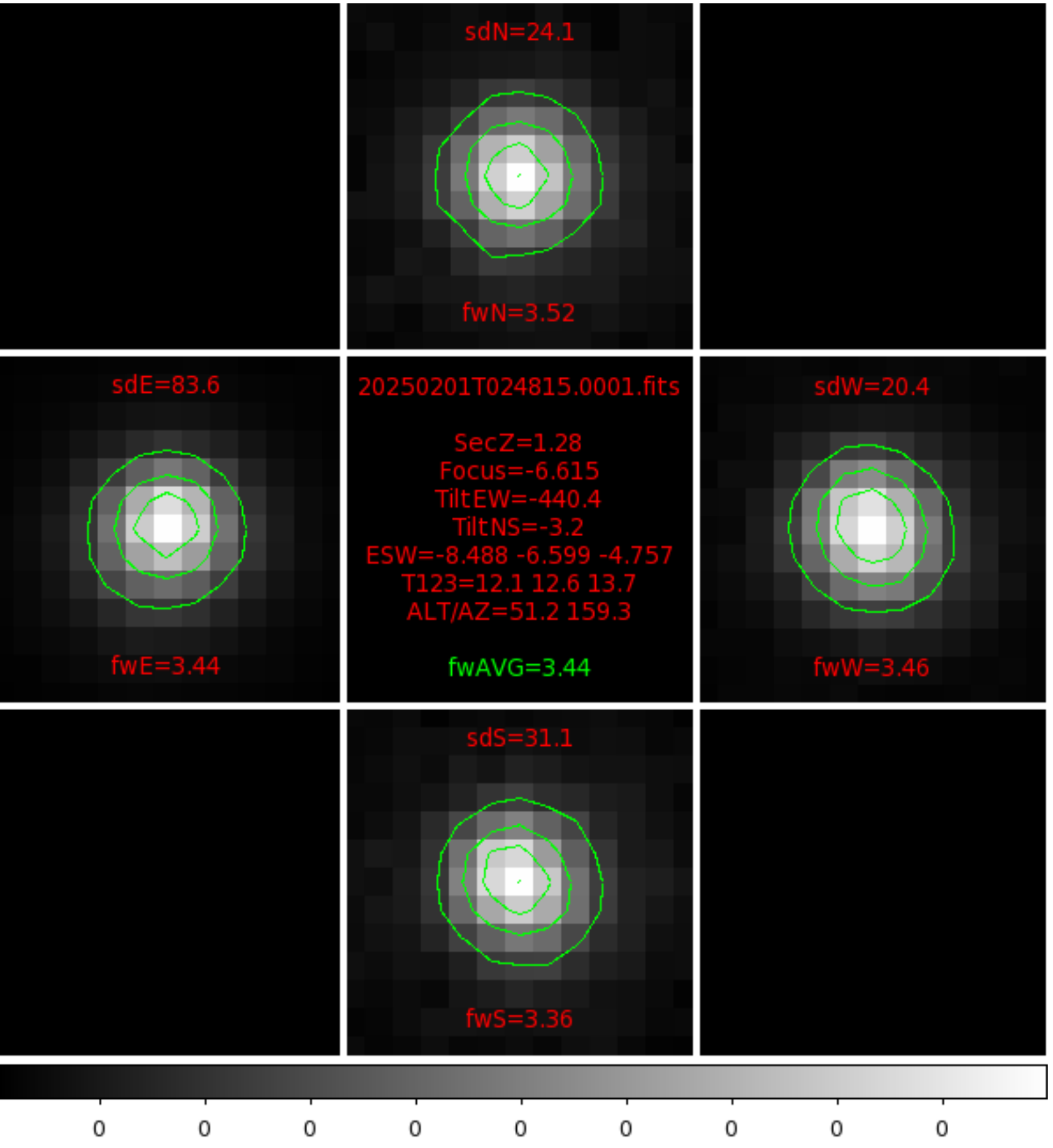
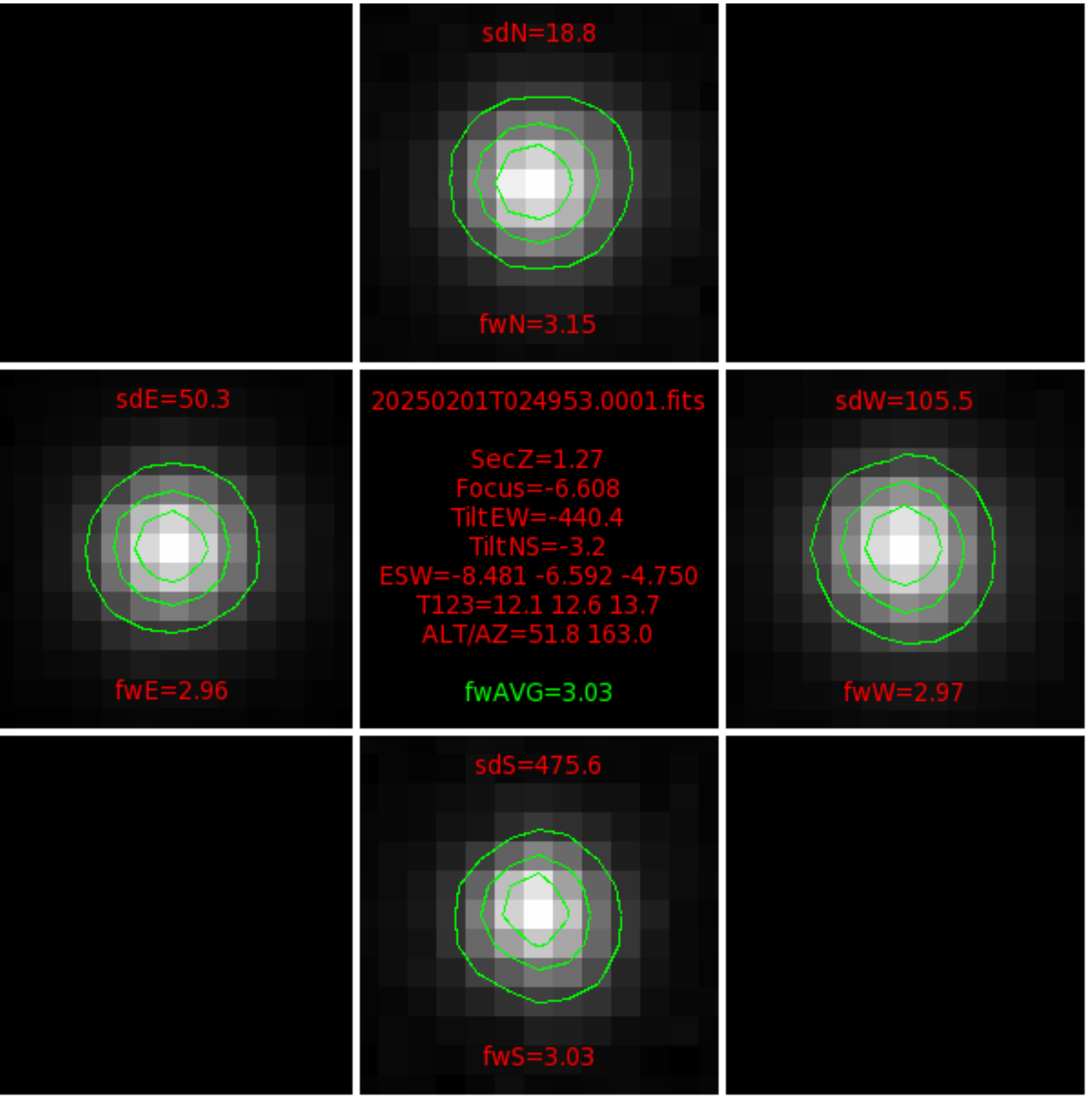

sdN=24.1
fwN=3.52
sdE=83.6
fwE=3.44
20250201T024815.0001.fits
SecZ=1.28
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=12.1 12.6 13.7
ALT/AZ=51.2 159.3
fwAVG=3.44
sdW=20.4
fwW=3.46
sdS=31.1
fwS=3.36
0 0 0 0 0 0 0 0 0


sdN=18.8
fwN=3.15
sdE=50.3
fwE=2.96
20250201T024953.0001.fits
SecZ=1.27
Focus=-6.608
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.481 -6.592 -4.750
T123=12.1 12.6 13.7
ALT/AZ=51.8 163.0
fwAVG=3.03
sdW=105.5
fwW=2.97
sdS=475.6
fwS=3.03
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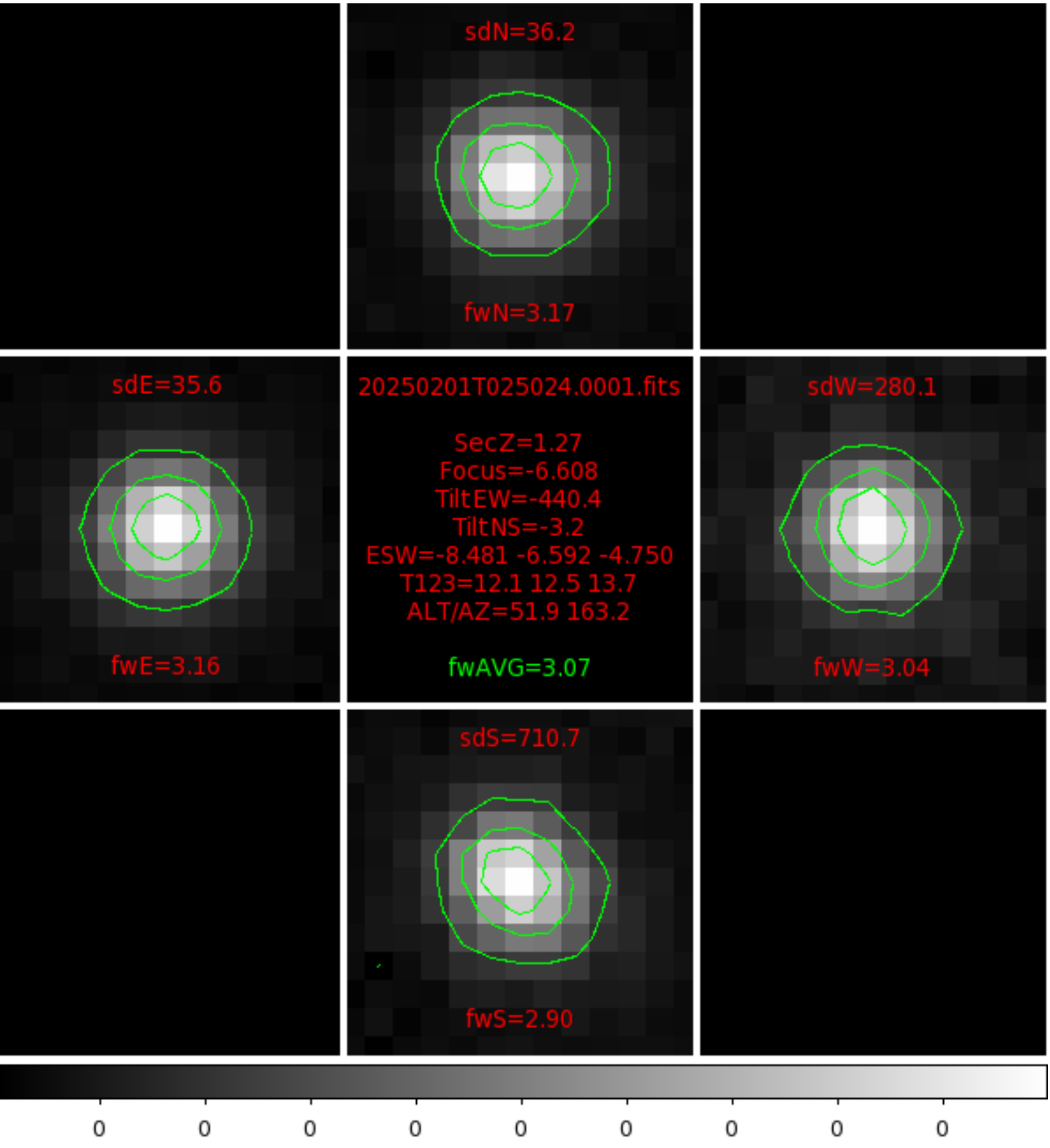
sdN=36.2
fwN=3.17
sdE=35.6
fwE=3.16
20250201T025024.0001.fits
SecZ=1.27
Focus=-6.608
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.481 -6.592 -4.750
T123=12.1 12.5 13.7
ALT/AZ=51.9 163.2
fwAVG=3.07
sdW=280.1
fwW=3.04
sdS=710.7
fwS=2.90
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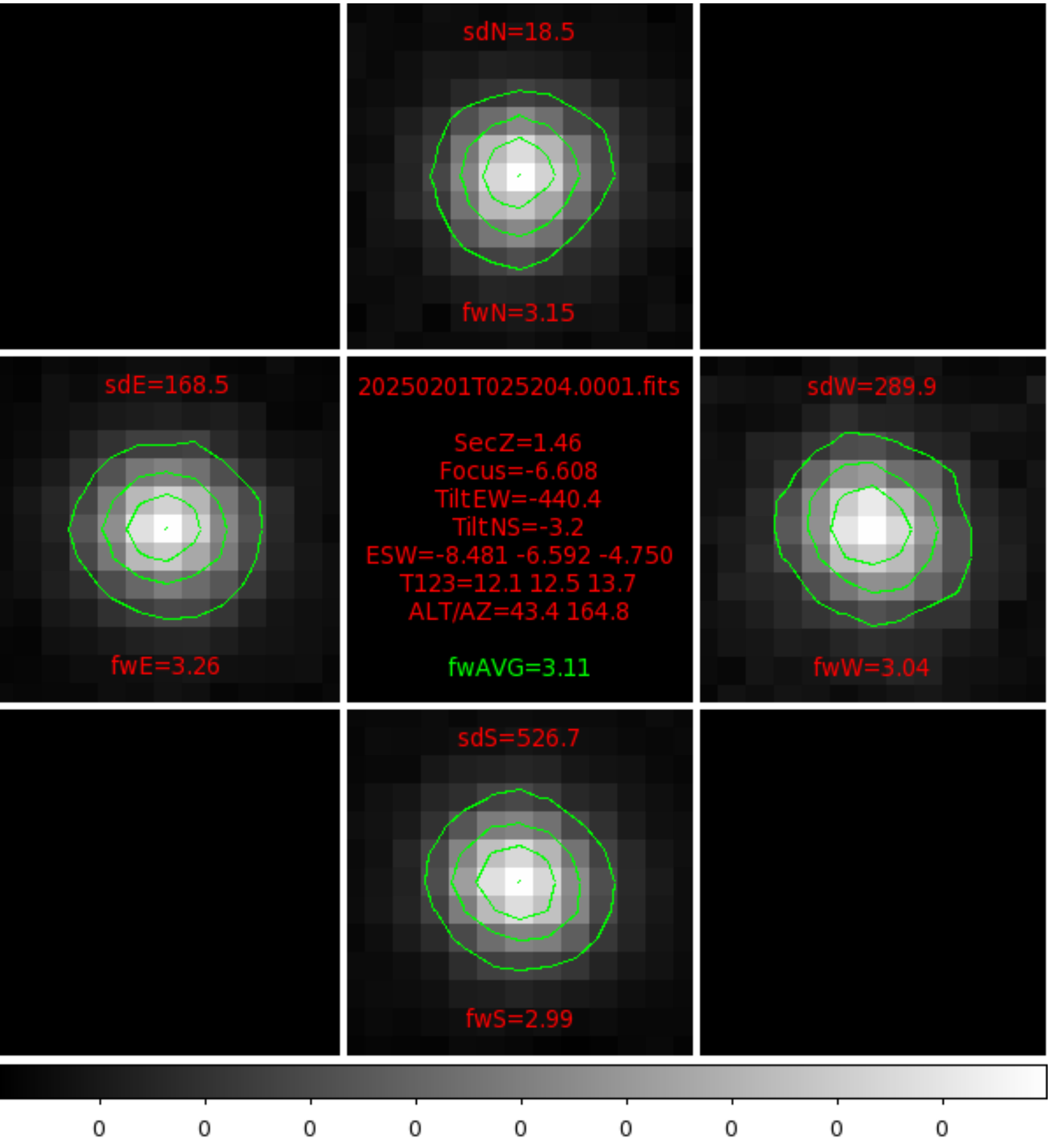
sdN=18.5
fwN=3.15
sdE=168.5
fwE=3.26
20250201T025204.0001.fits
SecZ=1.46
Focus=-6.608
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.481 -6.592 -4.750
T123=12.1 12.5 13.7
ALT/AZ=43.4 164.8
fwAVG=3.11
sdW=289.9
fwW=3.04
sdS=526.7
fwS=2.99
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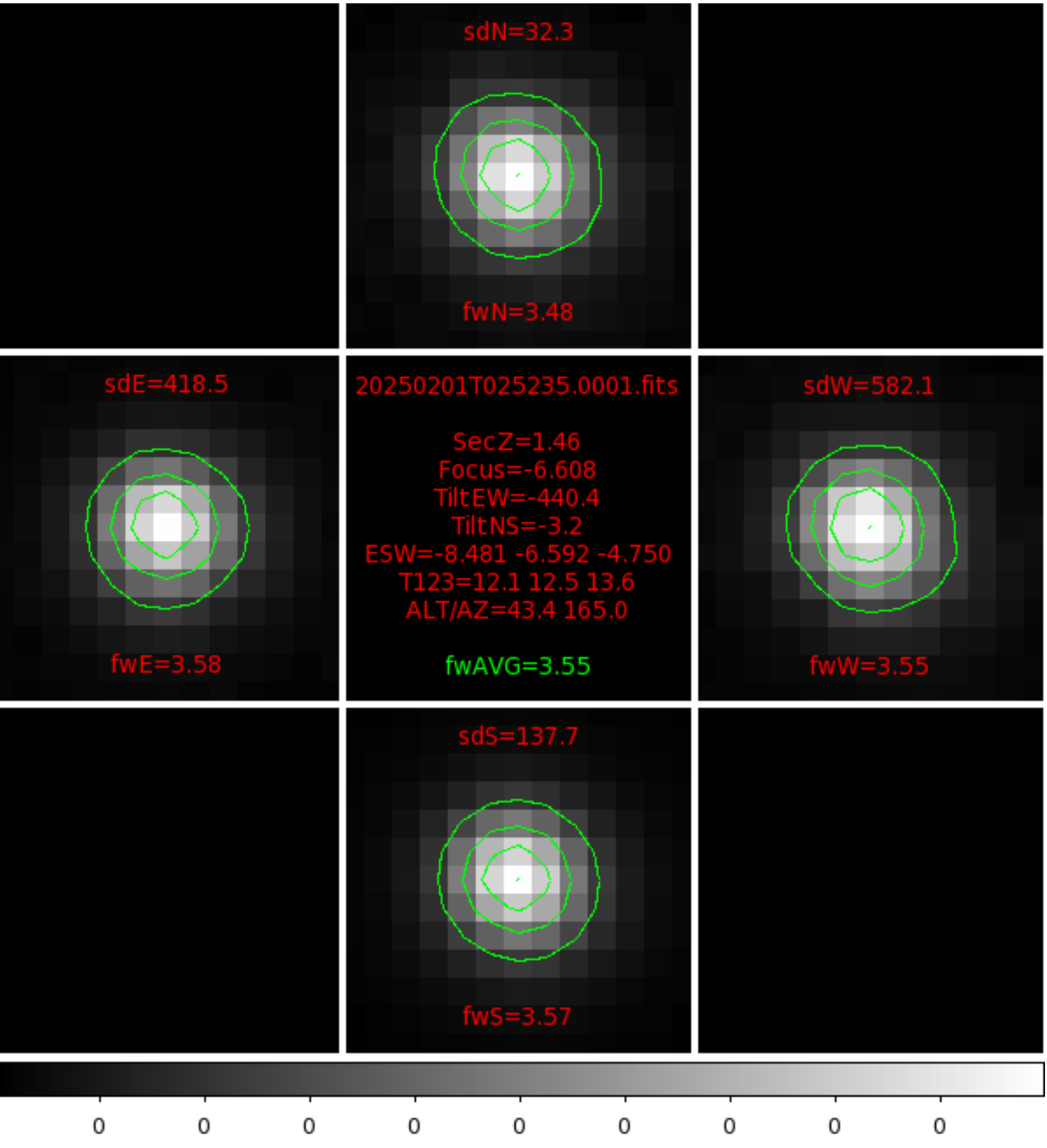
sdN=32.3
fwN=3.48
sdE=418.5
fwE=3.58
20250201T025235.0001.fits
SecZ=1.46
Focus=-6.608
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.481 -6.592 -4.750
T123=12.1 12.5 13.6
ALT/AZ=43.4 165.0
fwAVG=3.55
sdW=582.1
fwW=3.55
sdS=137.7
fwS=3.57
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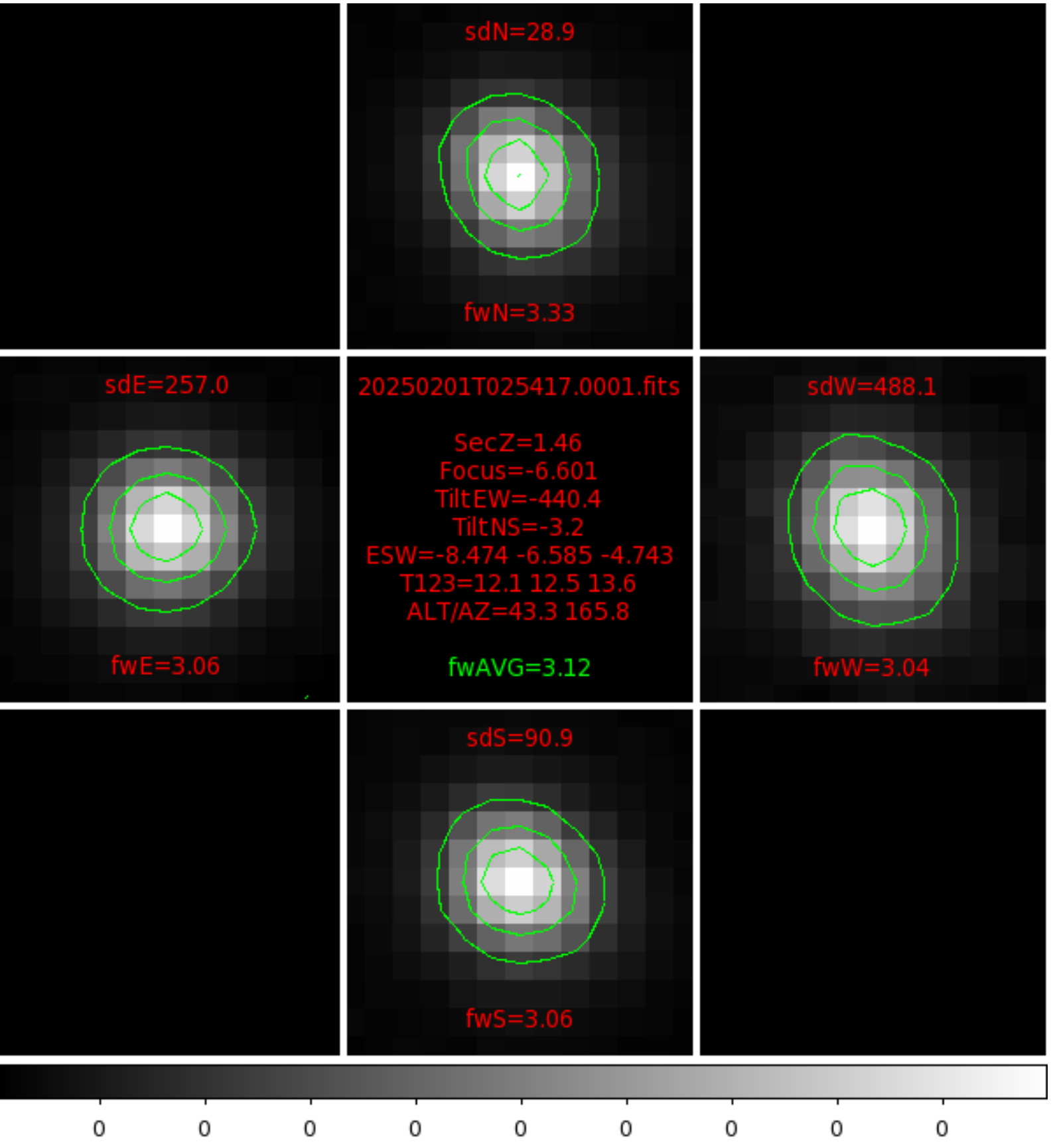
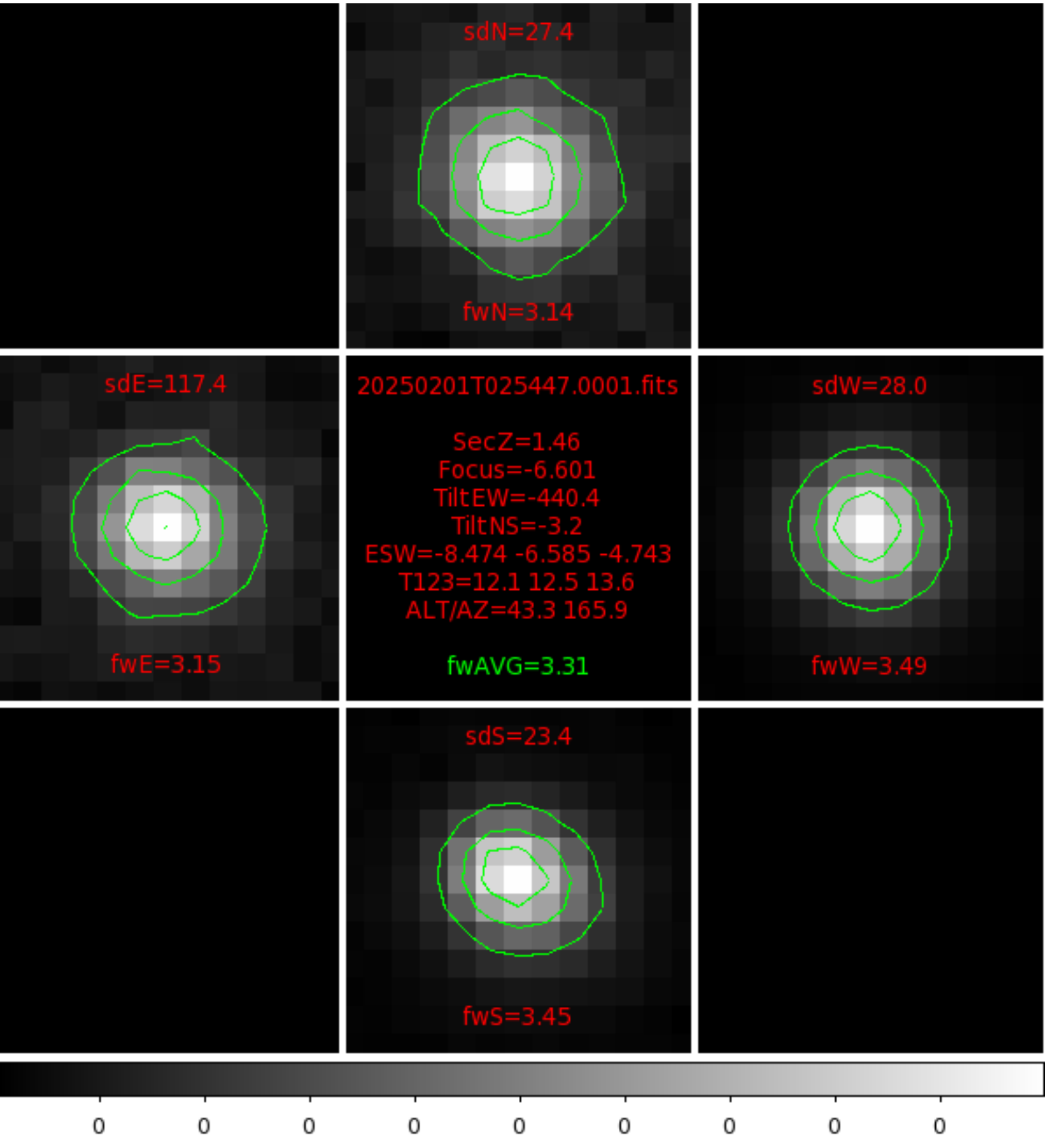
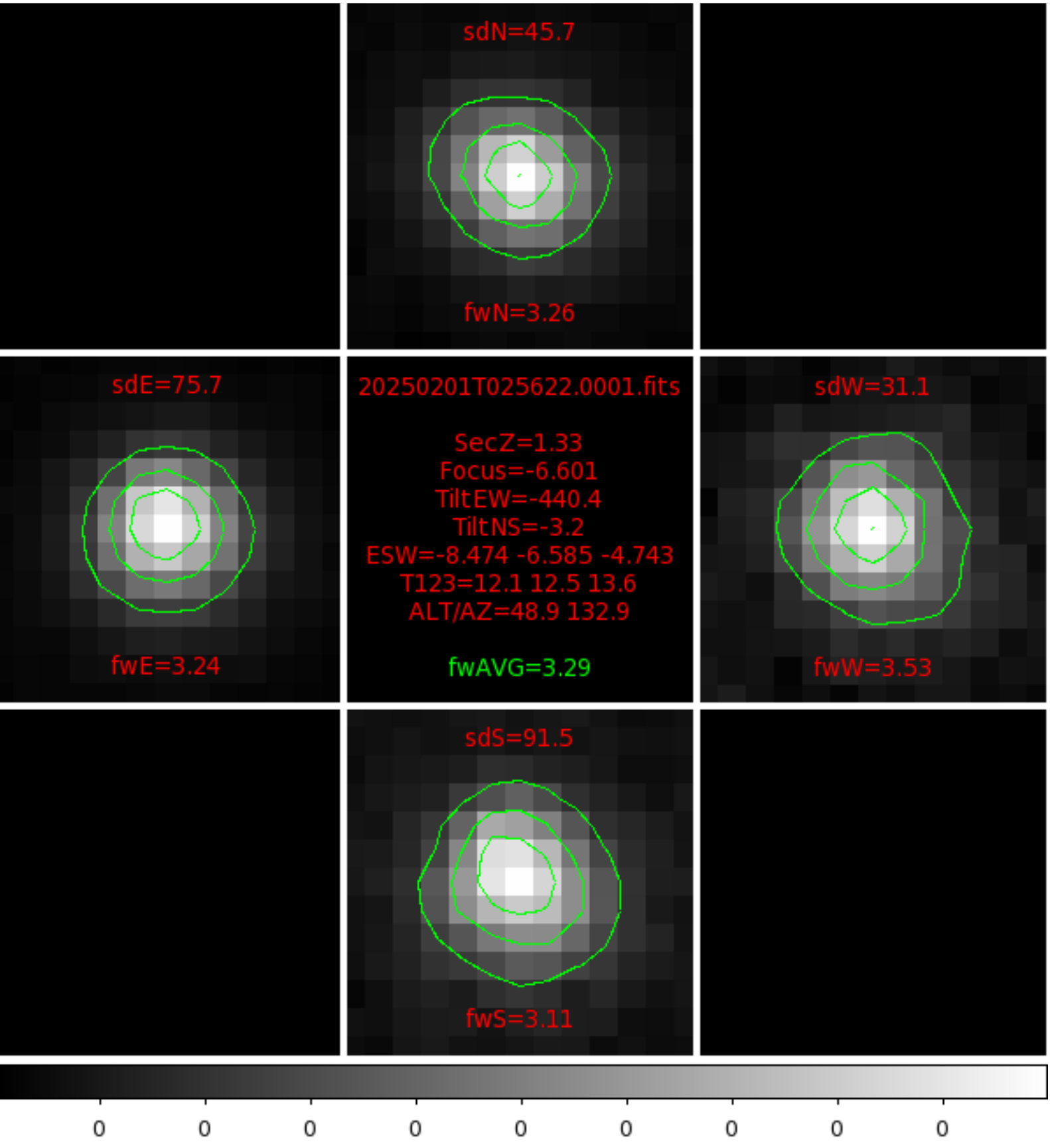
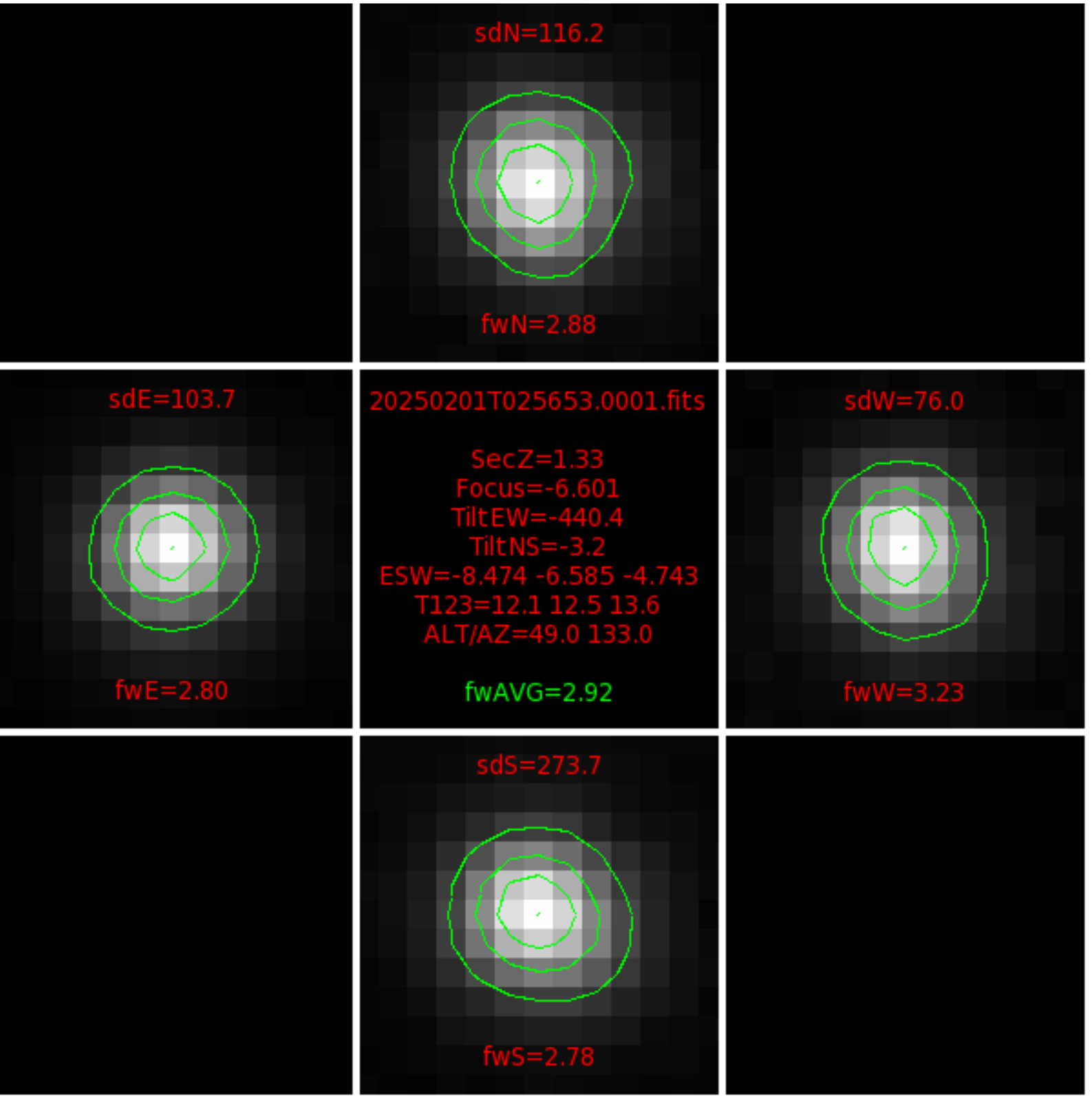

sdN=28.9
fwN=3.33
sdE=257.0
fwE=3.06
20250201T025417.0001.fits
SecZ=1.46
Focus=-6.601
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.474 -6.585 -4.743
T123=12.1 12.5 13.6
ALT/AZ=43.3 165.8
fwAVG=3.12
sdW=488.1
fwW=3.04
sdS=90.9
fwS=3.06
0 0 0 0 0 0 0 0 0


sdN=27.4
fwN=3.14
sdE=117.4
fwE=3.15
20250201T025447.0001.fits
SecZ=1.46
Focus=-6.601
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.474 -6.585 -4.743
T123=12.1 12.5 13.6
ALT/AZ=43.3 165.9
fwAVG=3.31
sdW=28.0
fwW=3.49
sdS=23.4
fwS=3.45
0 0 0 0 0 0 0 0 0


sdN=45.7
fwN=3.26
sdE=75.7
fwE=3.24
20250201T025622.0001.fits
SecZ=1.33
Focus=-6.601
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.474 -6.585 -4.743
T123=12.1 12.5 13.6
ALT/AZ=48.9 132.9
fwAVG=3.29
sdW=31.1
fwW=3.53
sdS=91.5
fwS=3.11
0 0 0 0 0 0 0 0 0


sdN=116.2
fwN=2.88
sdE=103.7
fwE=2.80
20250201T025653.0001.fits
SecZ=1.33
Focus=-6.601
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.474 -6.585 -4.743
T123=12.1 12.5 13.6
ALT/AZ=49.0 133.0
fwAVG=2.92
sdW=76.0
fwW=3.23
sdS=273.7
fwS=2.78
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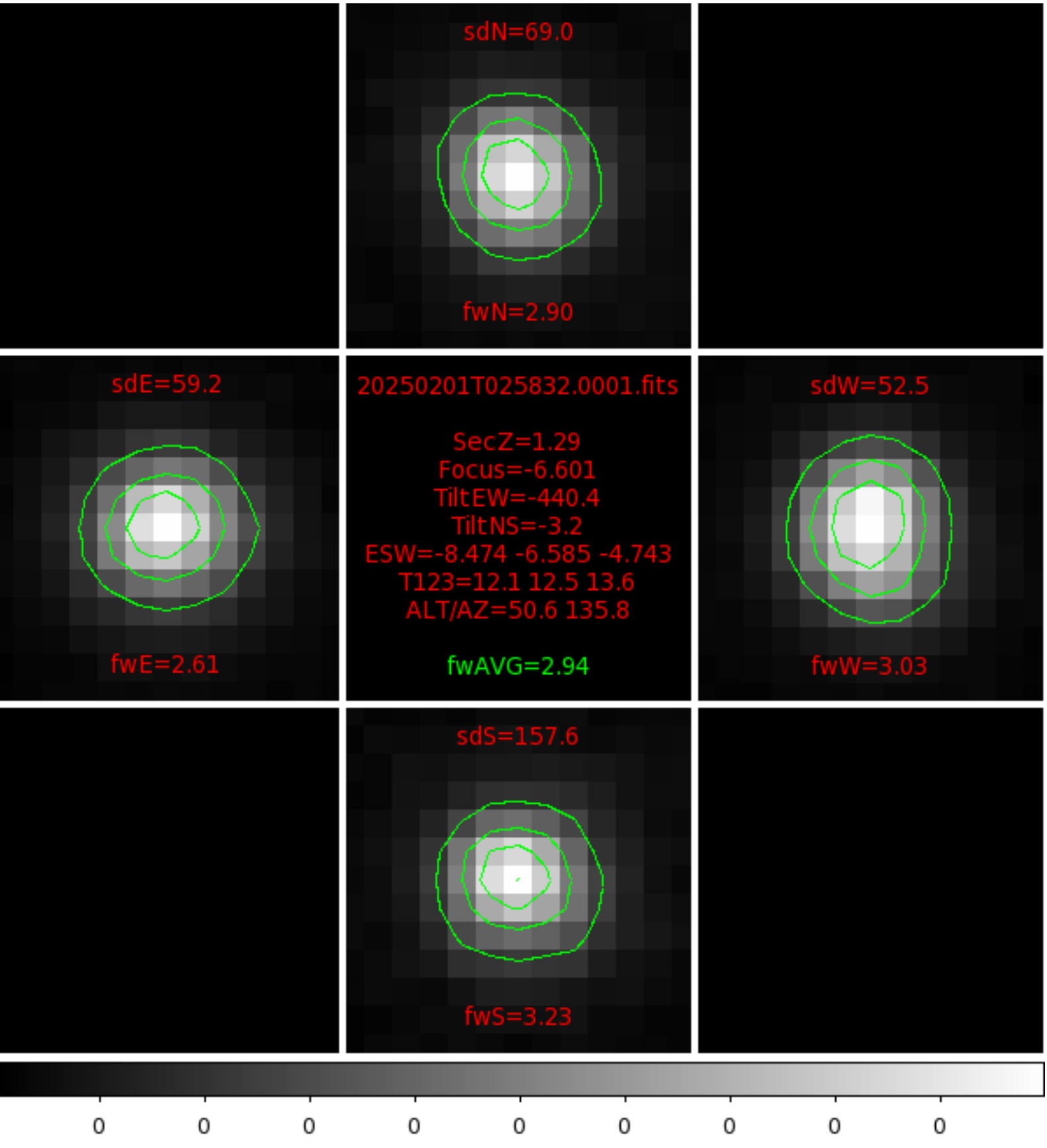
sdN=69.0
fwN=2.90
sdE=59.2
fwE=2.61
20250201T025832.0001.fits
SecZ=1.29
Focus=-6.601
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.474 -6.585 -4.743
T123=12.1 12.5 13.6
ALT/AZ=50.6 135.8
fwAVG=2.94
sdW=52.5
fwW=3.03
sdS=157.6
fwS=3.23
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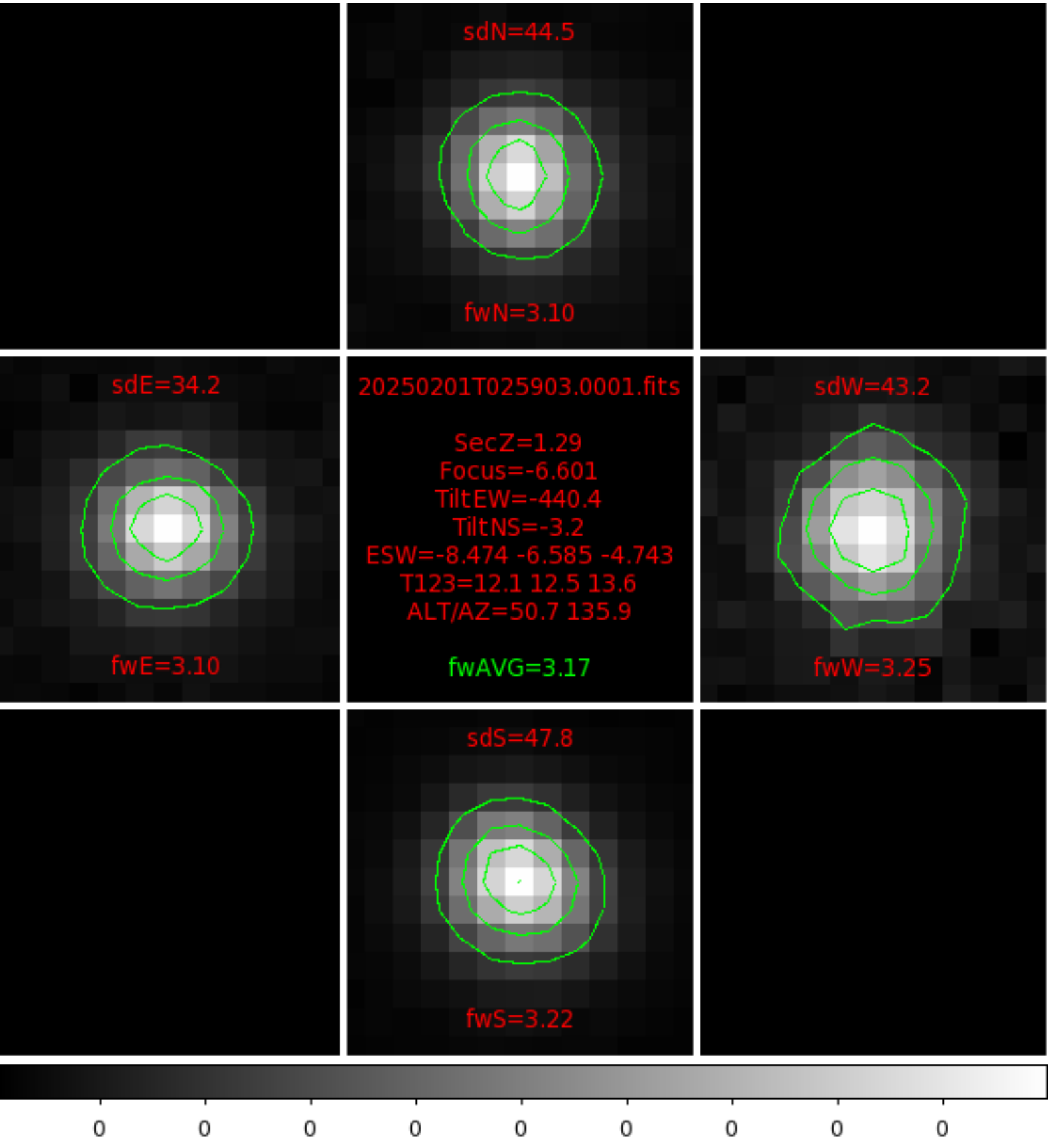
sdN=44.5
fwN=3.10
sdE=34.2
fwE=3.10
20250201T025903.0001.fits
SecZ=1.29
Focus=-6.601
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.474 -6.585 -4.743
T123=12.1 12.5 13.6
ALT/AZ=50.7 135.9
fwAVG=3.17
sdW=43.2
fwW=3.25
sdS=47.8
fwS=3.22
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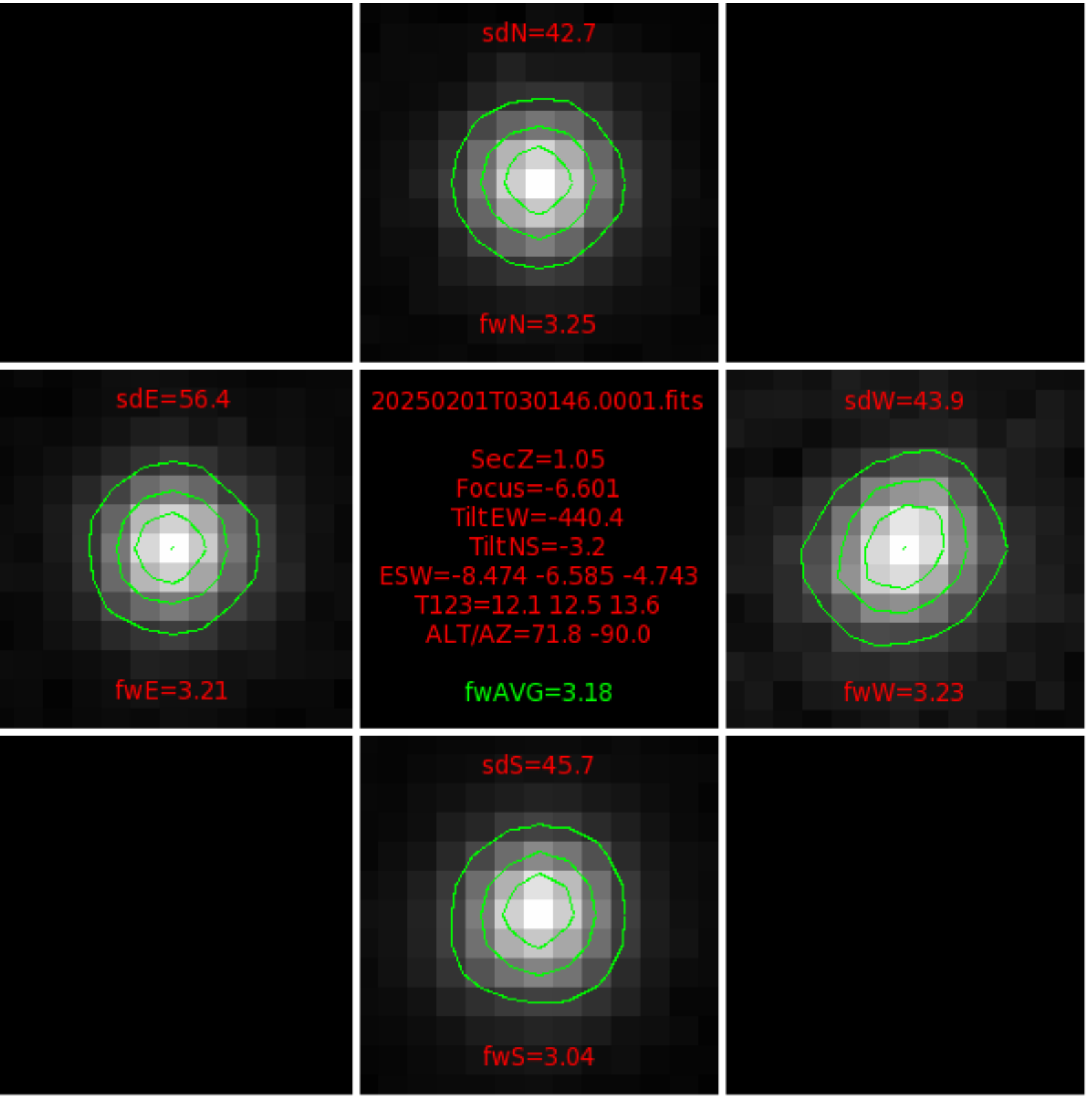
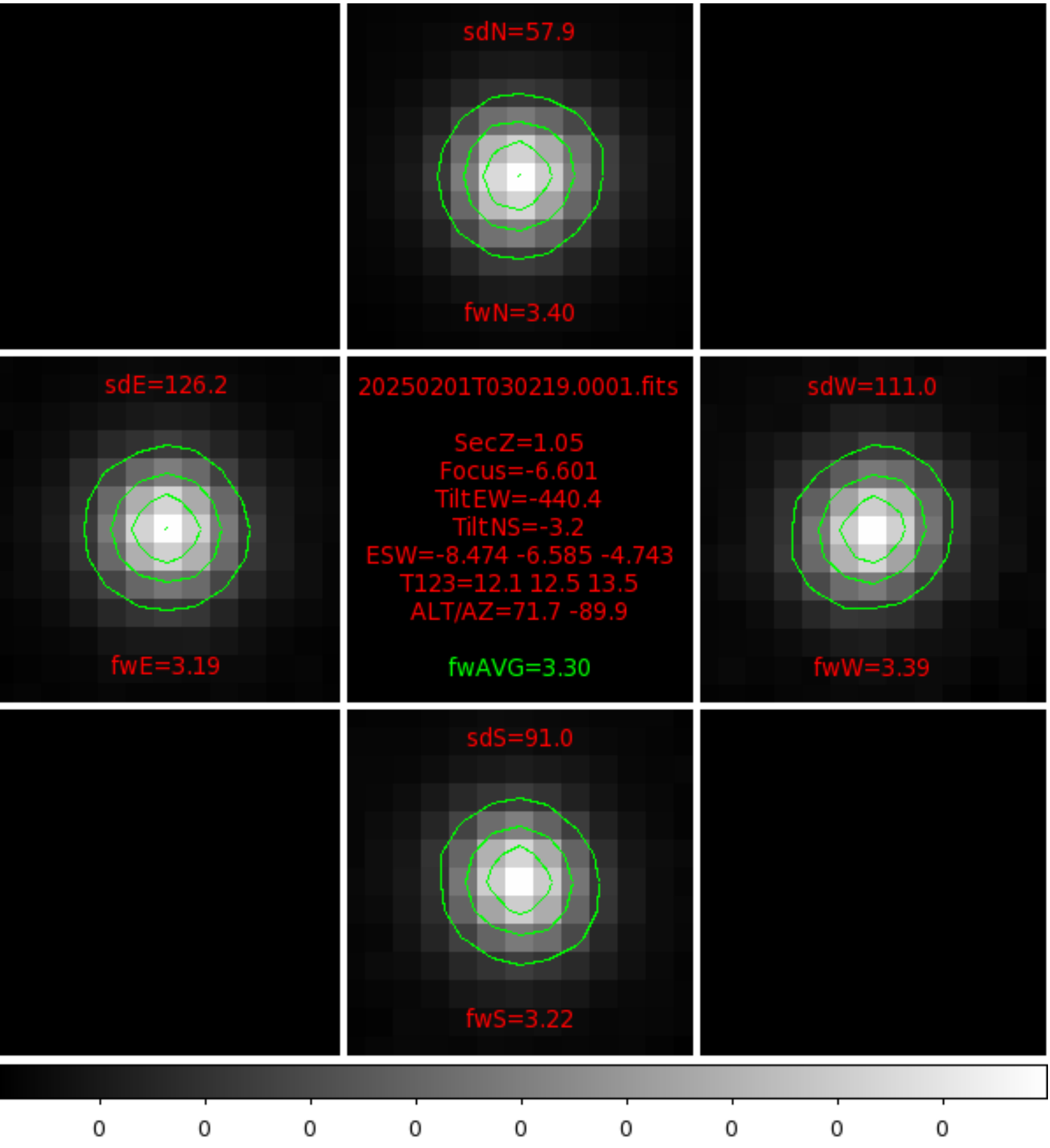
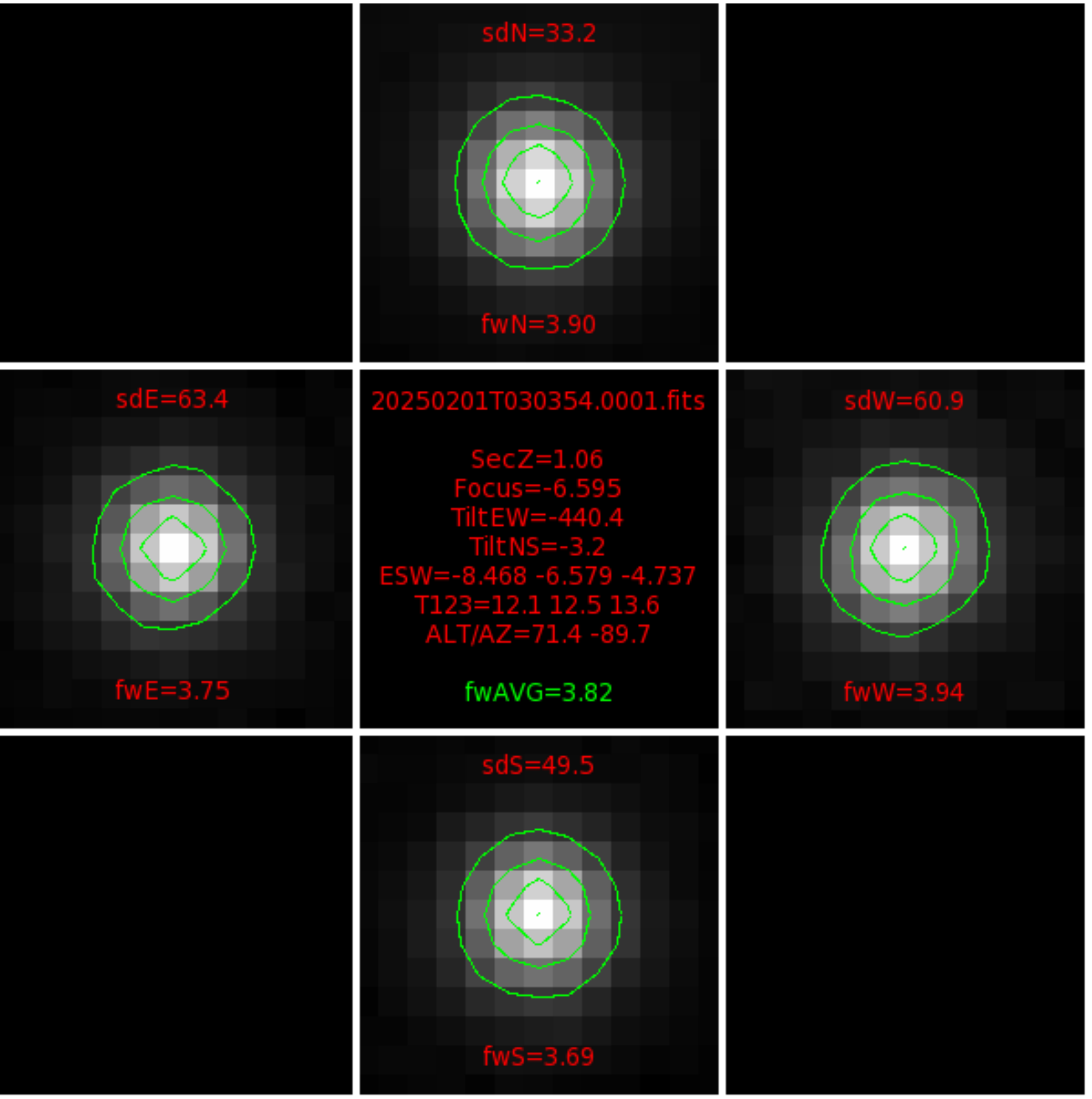

sdN=42.7
fwN=3.25
sdE=56.4
fwE=3.21
20250201T030146.0001.fits
SecZ=1.05
Focus=-6.601
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.474 -6.585 -4.743
T123=12.1 12.5 13.6
ALT/AZ=71.8 -90.0
fwAVG=3.18
sdW=43.9
fwW=3.23
sdS=45.7
fwS=3.04
0 0 0 0 0 0 0 0 0


sdN=57.9
fwN=3.40
sdE=126.2
fwE=3.19
20250201T030219.0001.fits
SecZ=1.05
Focus=-6.601
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.474 -6.585 -4.743
T123=12.1 12.5 13.5
ALT/AZ=71.7 -89.9
fwAVG=3.30
sdW=111.0
fwW=3.39
sdS=91.0
fwS=3.22
0 0 0 0 0 0 0 0 0


sdN=33.2
fwN=3.90
sdE=63.4
fwE=3.75
20250201T030354.0001.fits
SecZ=1.06
Focus=-6.595
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.468 -6.579 -4.737
T123=12.1 12.5 13.6
ALT/AZ=71.4 -89.7
fwAVG=3.82
sdW=60.9
fwW=3.94
sdS=49.5
fwS=3.69
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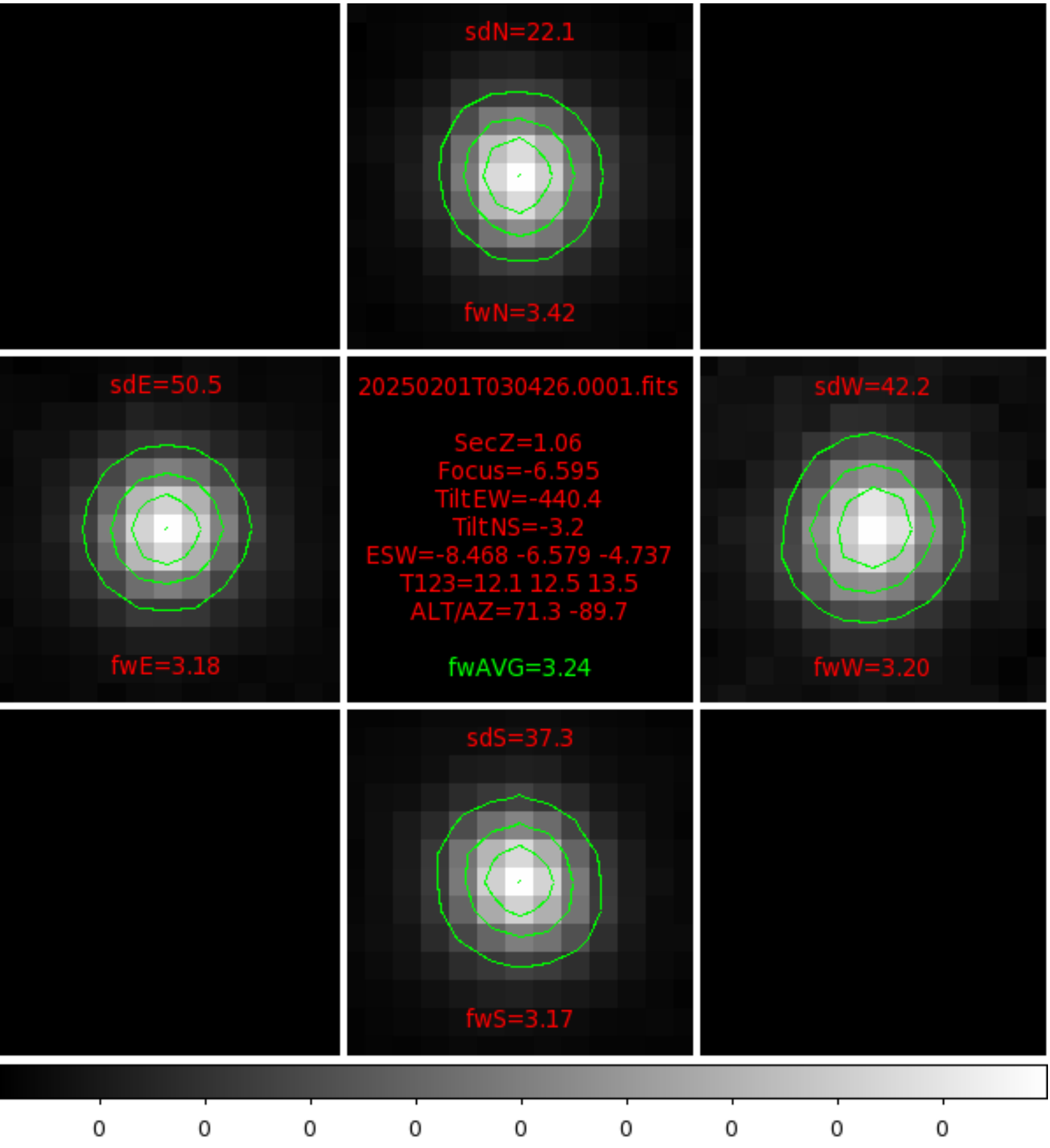
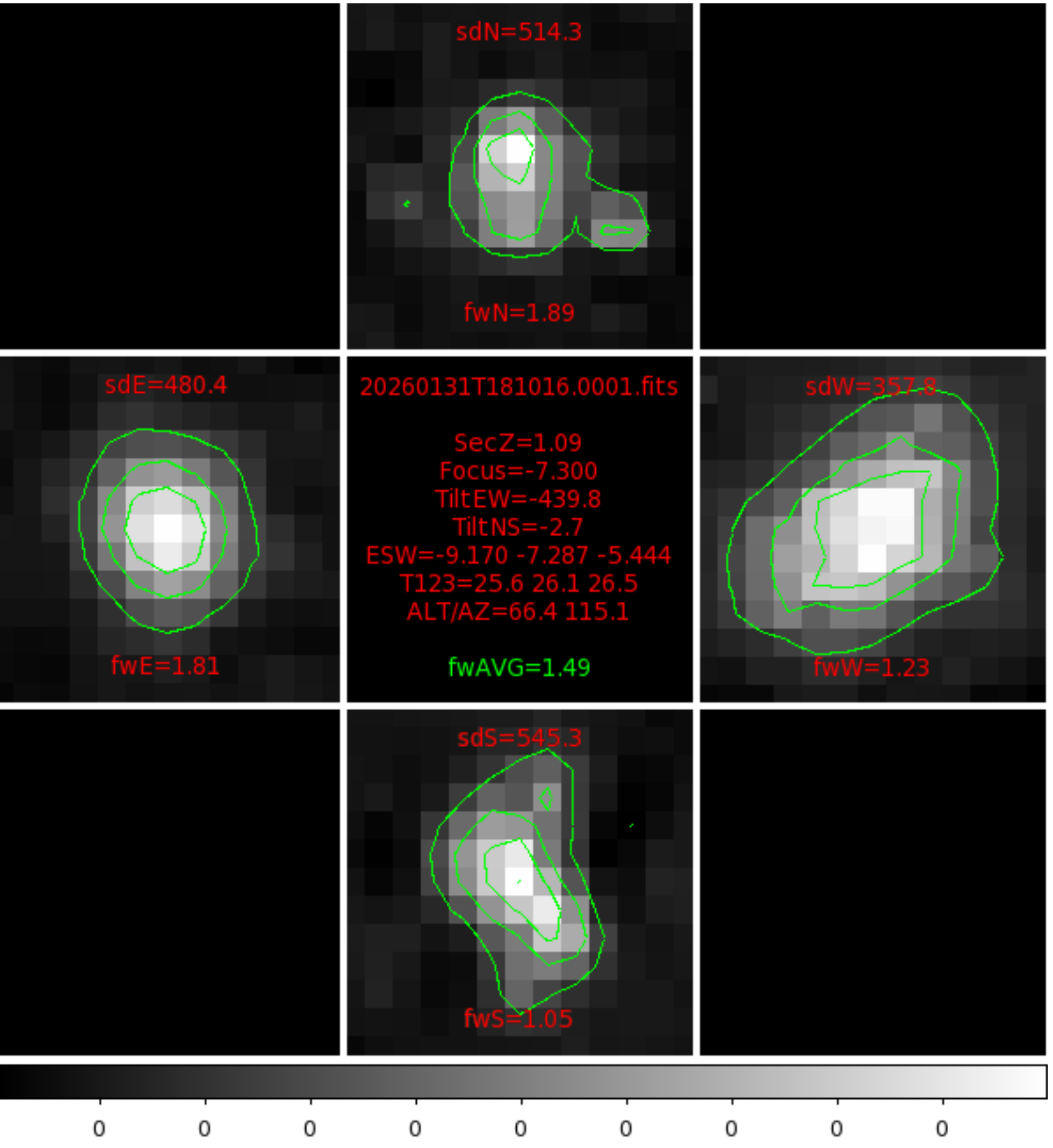
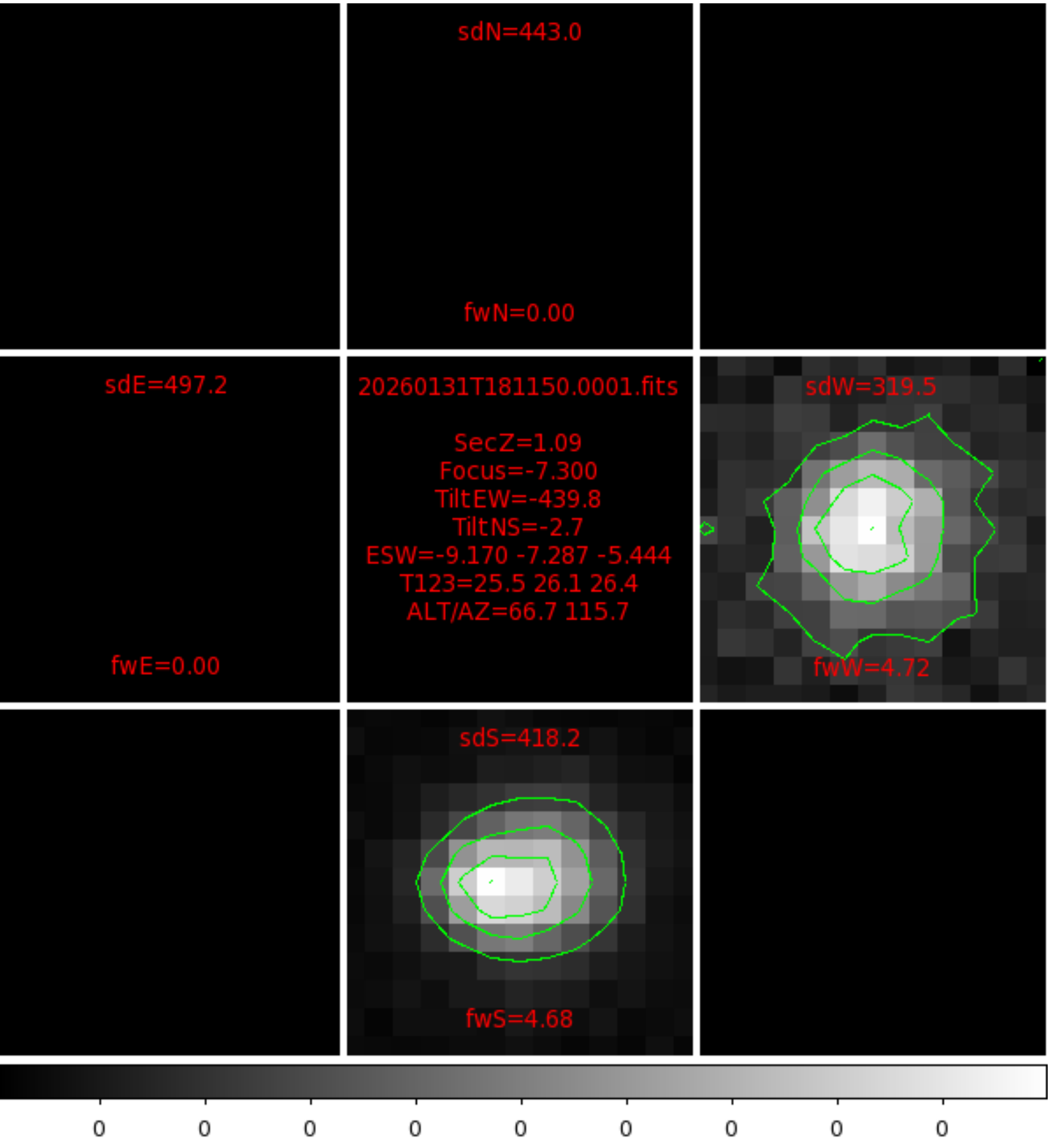
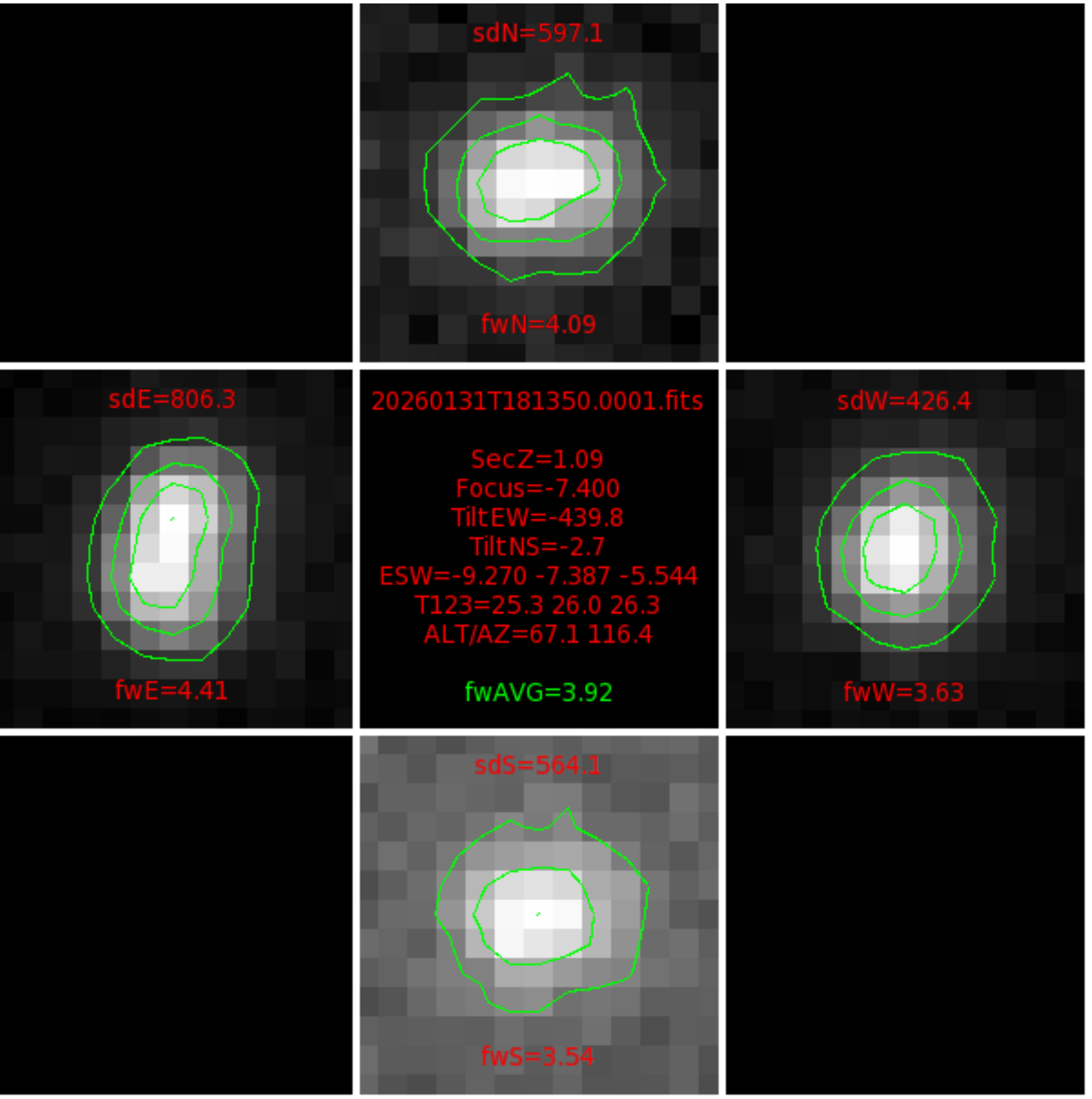

sdN=22.1
fwN=3.42
sdE=50.5
fwE=3.18
20250201T030426.0001.fits
SecZ=1.06
Focus=-6.595
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.468 -6.579 -4.737
T123=12.1 12.5 13.5
ALT/AZ=71.3 -89.7
fwAVG=3.24
sdW=42.2
fwW=3.20
sdS=37.3
fwS=3.17
0 0 0 0 0 0 0 0 0


sdN=514.3
fwN=1.89
sdE=480.4
fwE=1.81
20260131T181016.0001.fits
SecZ=1.09
Focus=-7.300
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.170 -7.287 -5.444
T123=25.6 26.1 26.5
ALT/AZ=66.4 115.1
fwAVG=1.49
sdW=357.8
fwW=1.23
sdS=545.3
fwS=1.05
0 0 0 0 0 0 0 0 0


sdN=443.0
fwN=0.00
sdE=497.2
fwE=0.00
20260131T181150.0001.fits
SecZ=1.09
Focus=-7.300
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.170 -7.287 -5.444
T123=25.5 26.1 26.4
ALT/AZ=66.7 115.7
sdW=319.5
fwW=4.72
sdS=418.2
fwS=4.68
0 0 0 0 0 0 0 0 0


sdN=597.1
fwN=4.09
sdE=806.3
fwE=4.41
20260131T181350.0001.fits
SecZ=1.09
Focus=-7.400
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.270 -7.387 -5.544
T123=25.3 26.0 26.3
ALT/AZ=67.1 116.4
fwAVG=3.92
sdW=426.4
fwW=3.63
sdS=564.1
fwS=3.54
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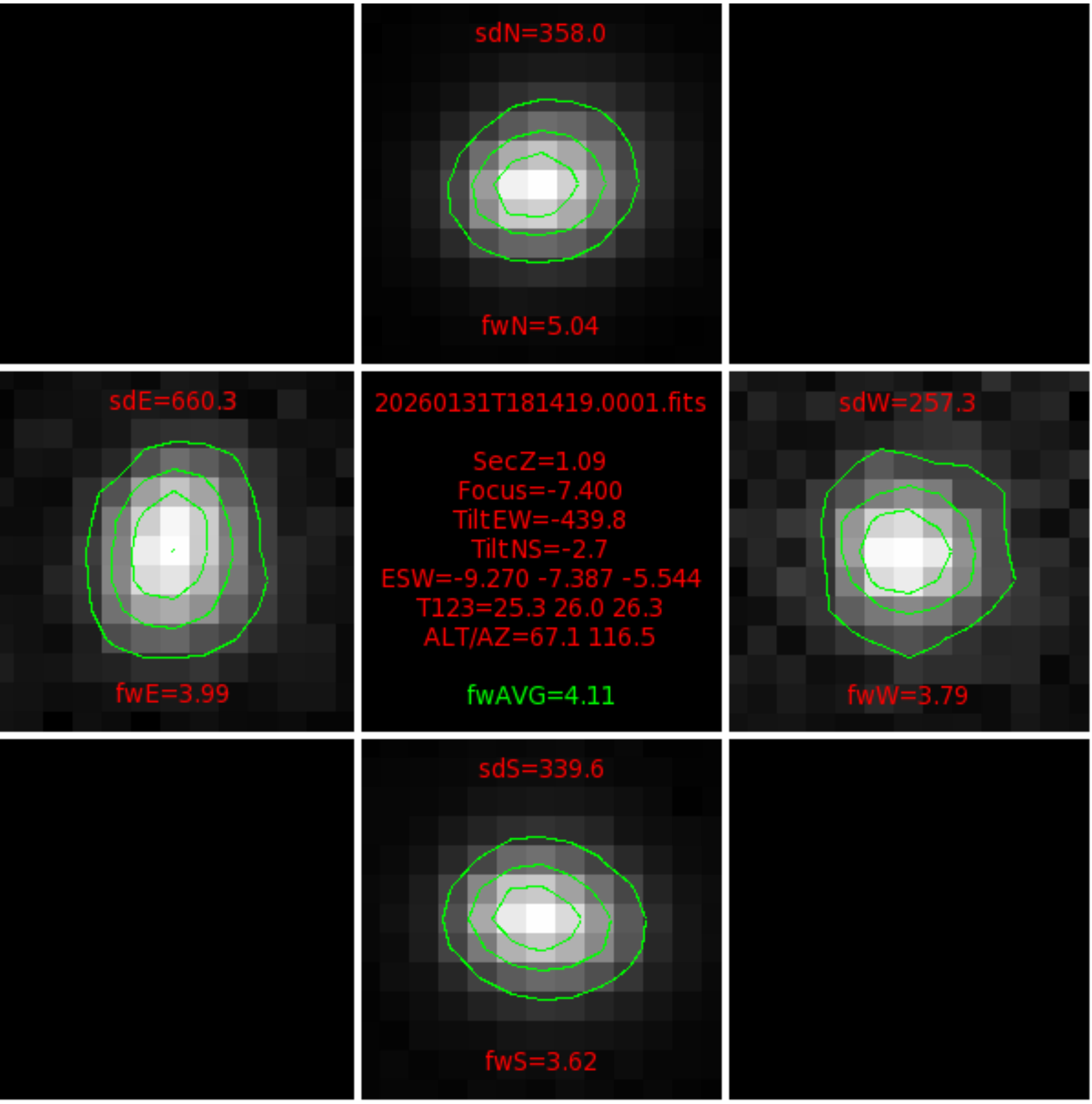
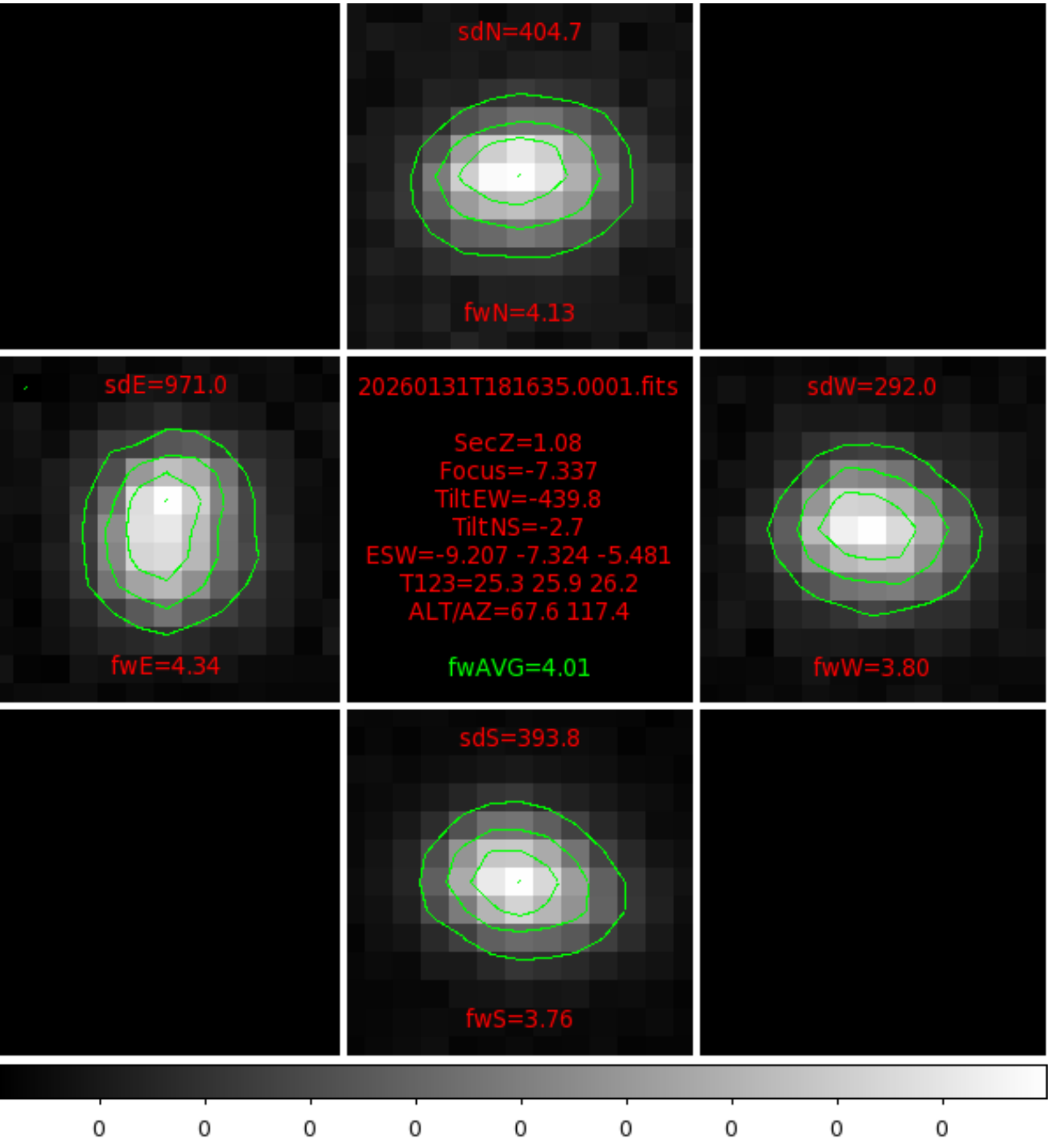

sdN=358.0
fwN=5.04
sdE=660.3
fwE=3.99
20260131T181419.0001.fits
SecZ=1.09
Focus=-7.400
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.270 -7.387 -5.544
T123=25.3 26.0 26.3
ALT/AZ=67.1 116.5
fwAVG=4.11
sdW=257.3
fwW=3.79
sdS=339.6
fwS=3.62
0 0 0 0 0 0 0 0 0


sdN=404.7
fwN=4.13
sdE=971.0
fwE=4.34
20260131T181635.0001.fits
SecZ=1.08
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=25.3 25.9 26.2
ALT/AZ=67.6 117.4
fwAVG=4.01
sdW=292.0
fwW=3.80
sdS=393.8
fwS=3.76
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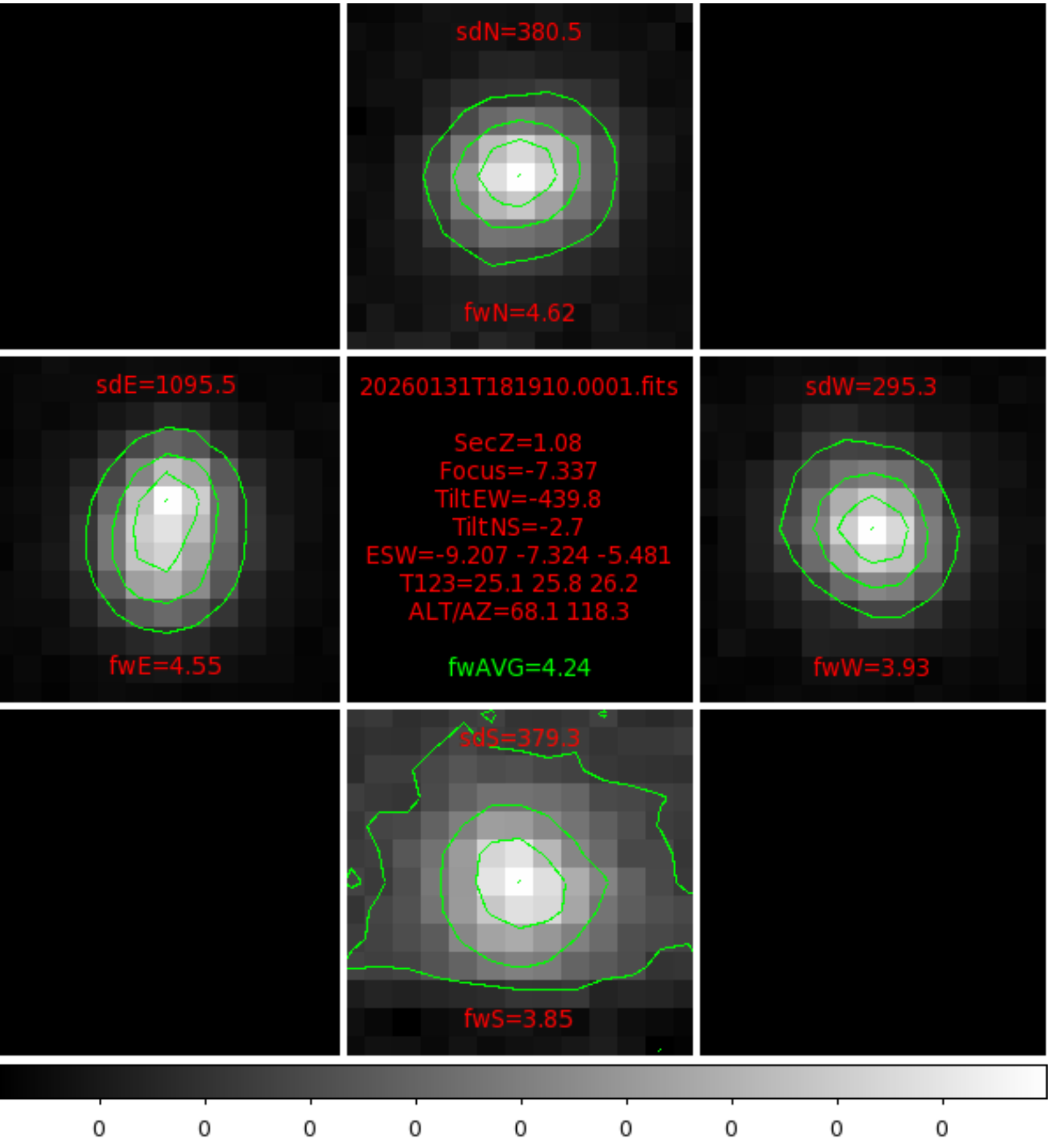
sdN=380.5
fwN=4.62
sdE=1095.5
fwE=4.55
20260131T181910.0001.fits
SecZ=1.08
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=25.1 25.8 26.2
ALT/AZ=68.1 118.3
fwAVG=4.24
sdW=295.3
fwW=3.93
sdS=379.3
fwS=3.85
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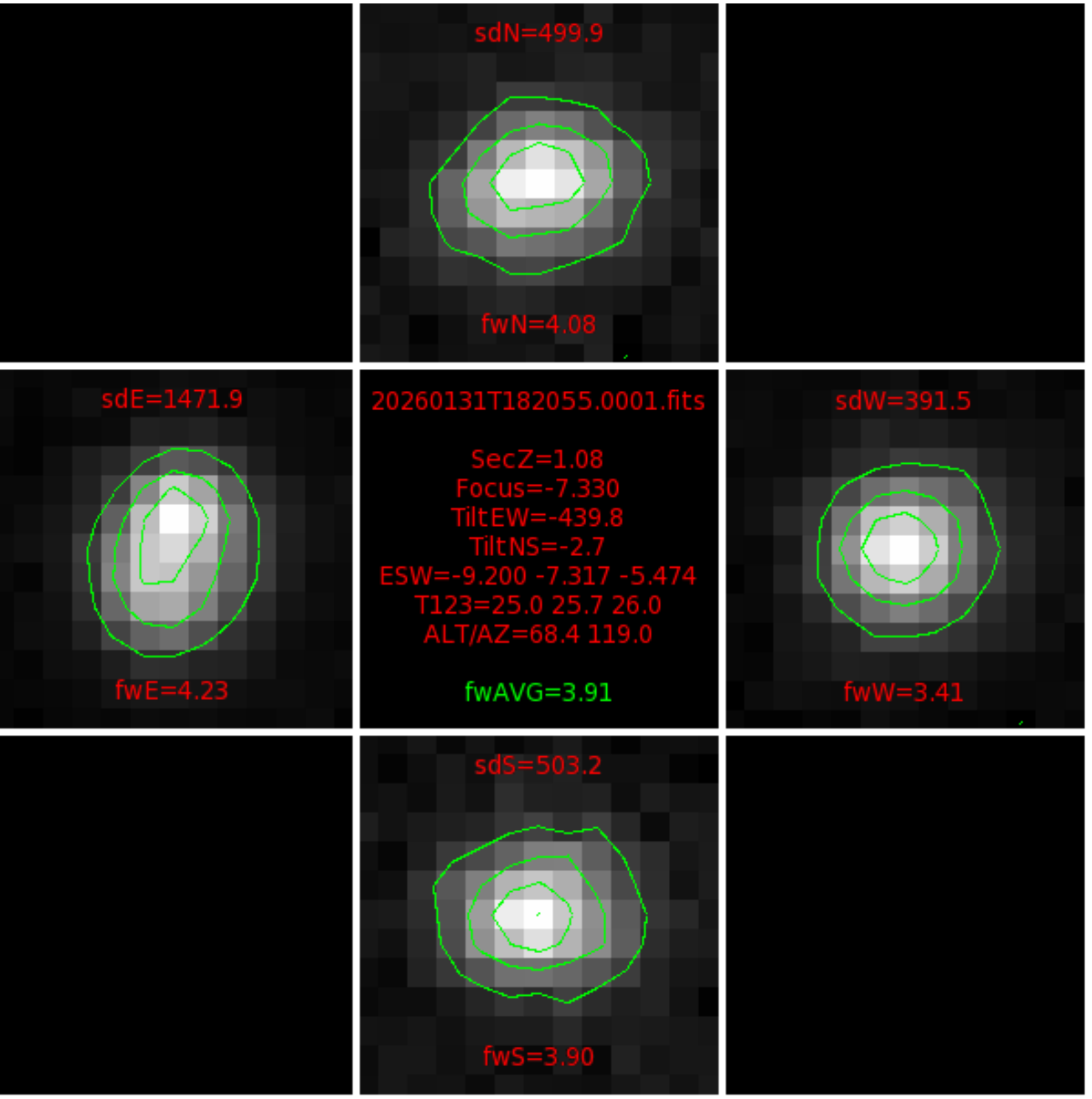
sdN=499.9
fwN=4.08
sdE=1471.9
fwE=4.23
20260131T182055.0001.fits
SecZ=1.08
Focus=-7.330
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.200 -7.317 -5.474
T123=25.0 25.7 26.0
ALT/AZ=68.4 119.0
fwAVG=3.91
sdW=391.5
fwW=3.41
sdS=503.2
fwS=3.90
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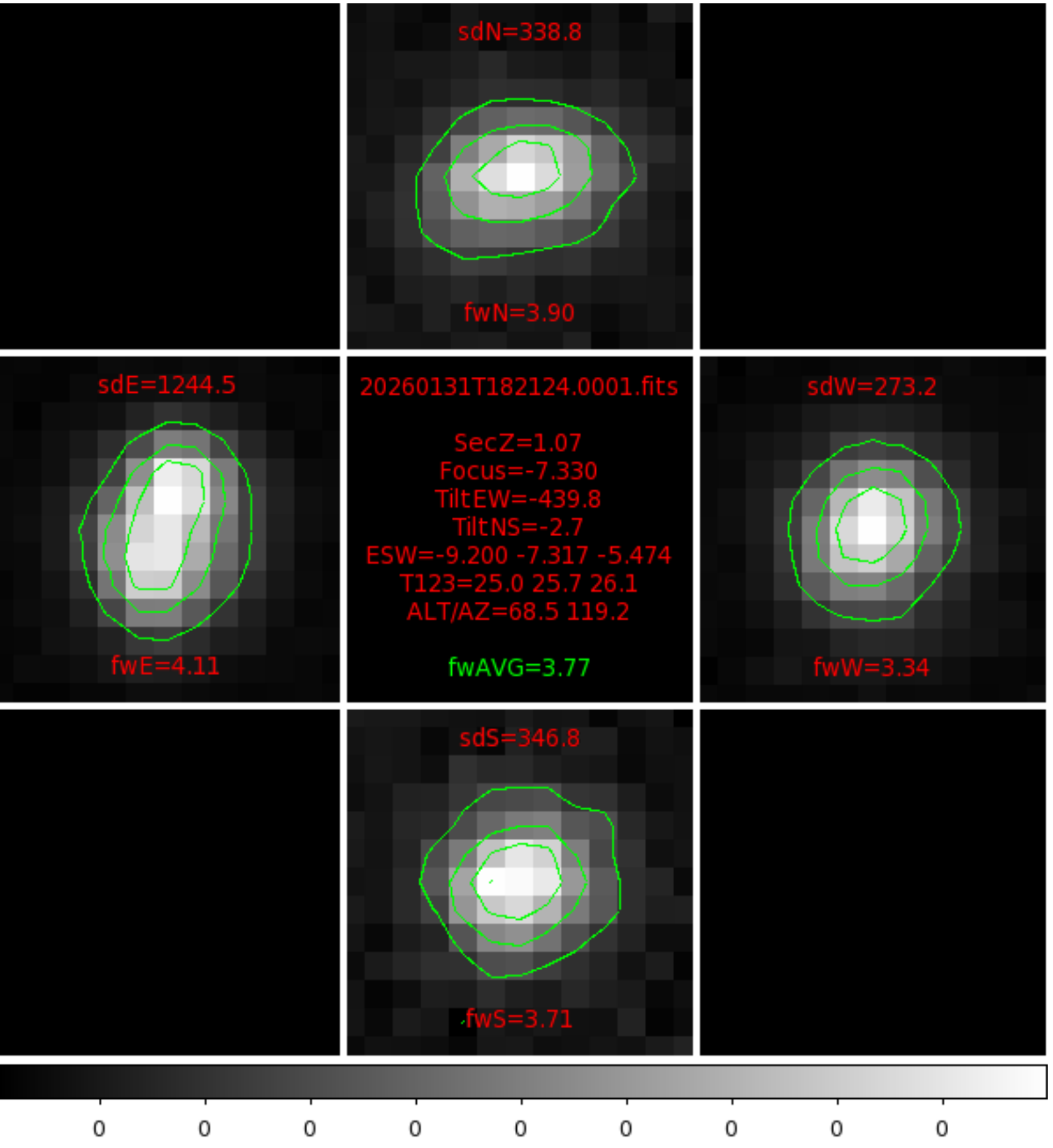
sdN=338.8
fwN=3.90
sdE=1244.5
fwE=4.11
20260131T182124.0001.fits
SecZ=1.07
Focus=-7.330
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.200 -7.317 -5.474
T123=25.0 25.7 26.1
ALT/AZ=68.5 119.2
fwAVG=3.77
sdW=273.2
fwW=3.34
sdS=346.8
fwS=3.71
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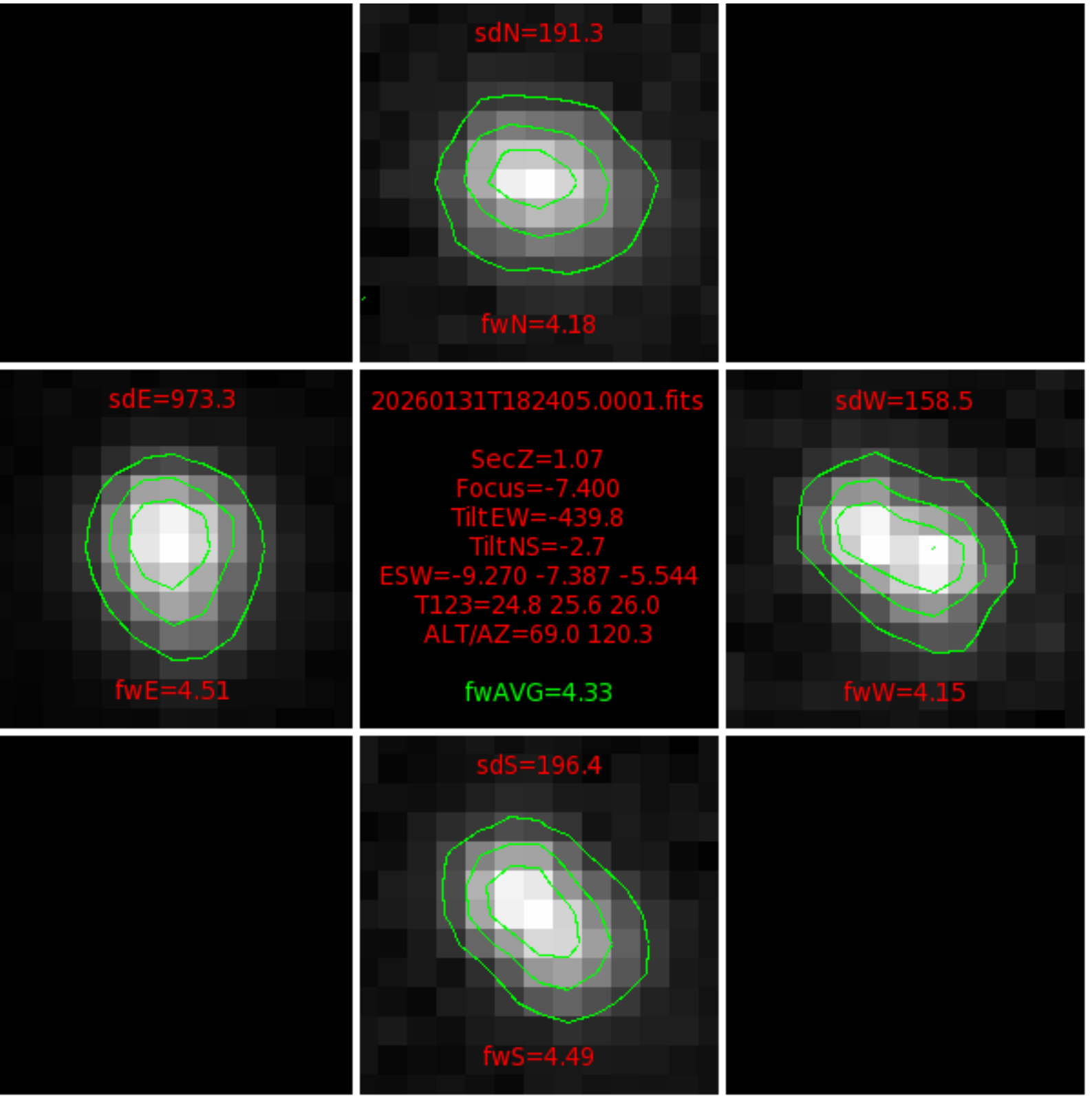
sdN=191.3
fwN=4.18
sdE=973.3
fwE=4.51
20260131T182405.0001.fits
SecZ=1.07
Focus=-7.400
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.270 -7.387 -5.544
T123=24.8 25.6 26.0
ALT/AZ=69.0 120.3
fwAVG=4.33
sdW=158.5
fwW=4.15
sdS=196.4
fwS=4.49
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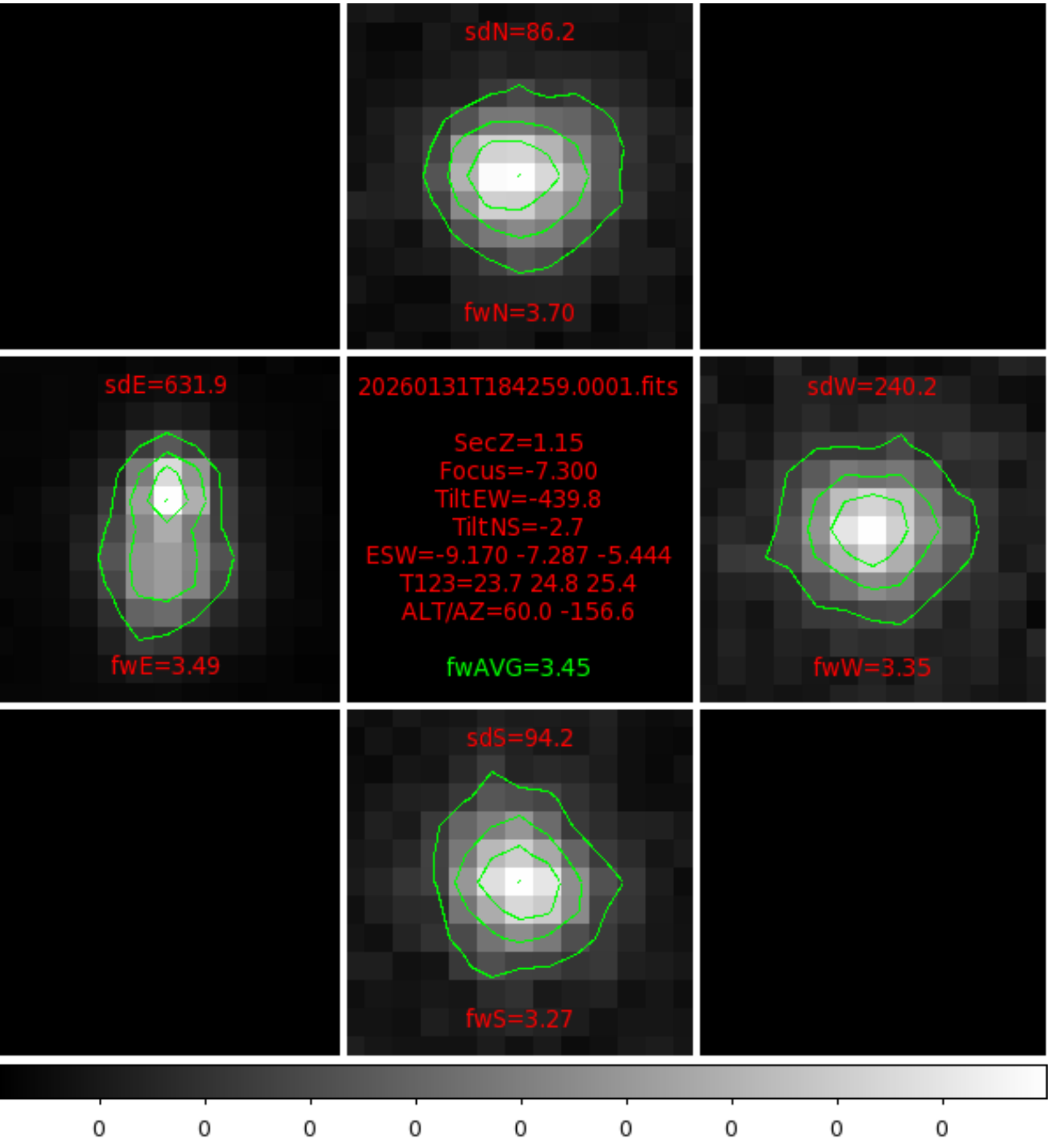
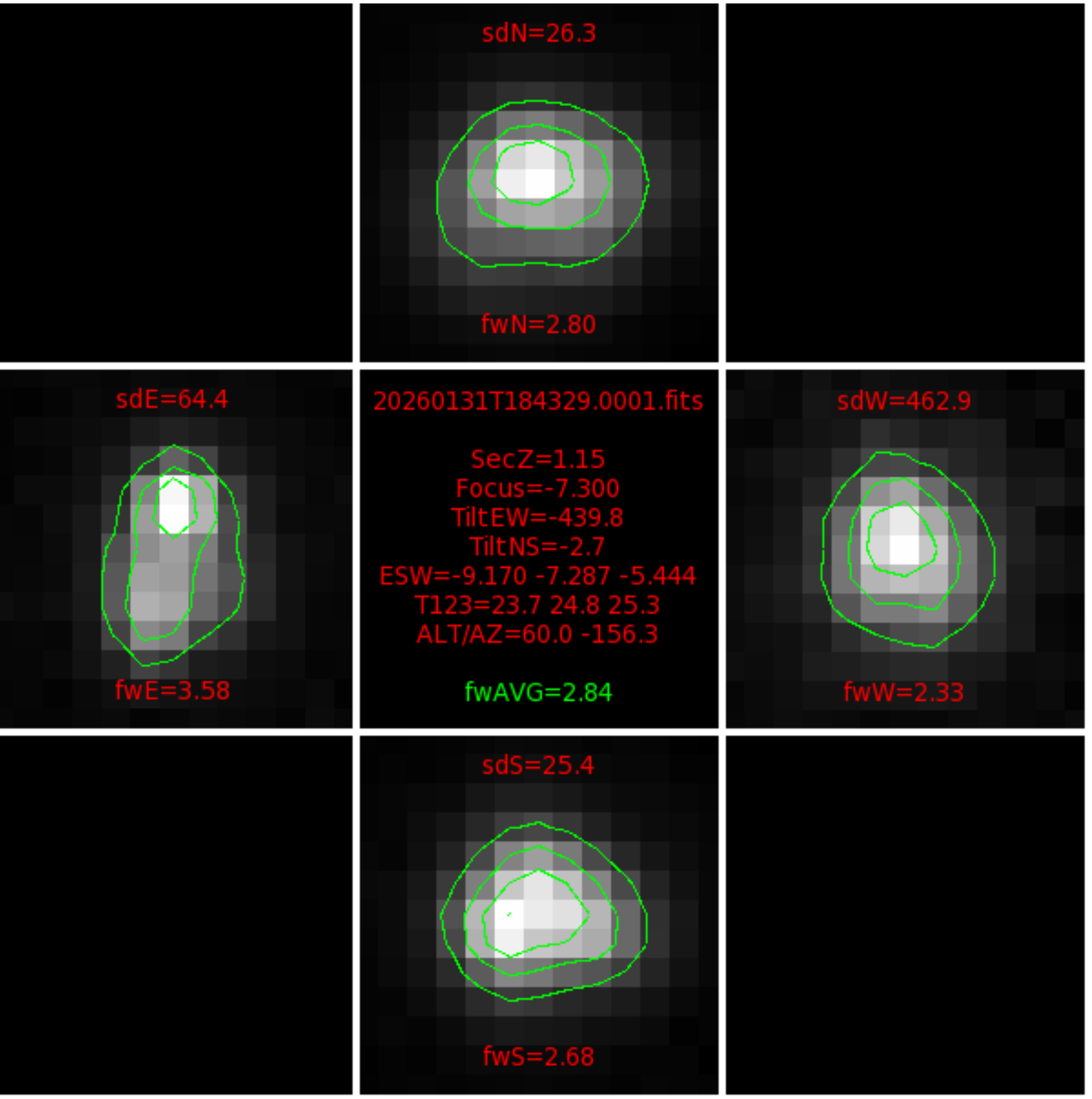

sdN=86.2
fwN=3.70
sdE=631.9
fwE=3.49
20260131T184259.0001.fits
SecZ=1.15
Focus=-7.300
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.170 -7.287 -5.444
T123=23.7 24.8 25.4
ALT/AZ=60.0 -156.6
fwAVG=3.45
sdW=240.2
fwW=3.35
sdS=94.2
fwS=3.27
0 0 0 0 0 0 0 0 0


sdN=26.3
fwN=2.80
sdE=64.4
fwE=3.58
20260131T184329.0001.fits
SecZ=1.15
Focus=-7.300
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.170 -7.287 -5.444
T123=23.7 24.8 25.3
ALT/AZ=60.0 -156.3
fwAVG=2.84
sdW=462.9
fwW=2.33
sdS=25.4
fwS=2.68
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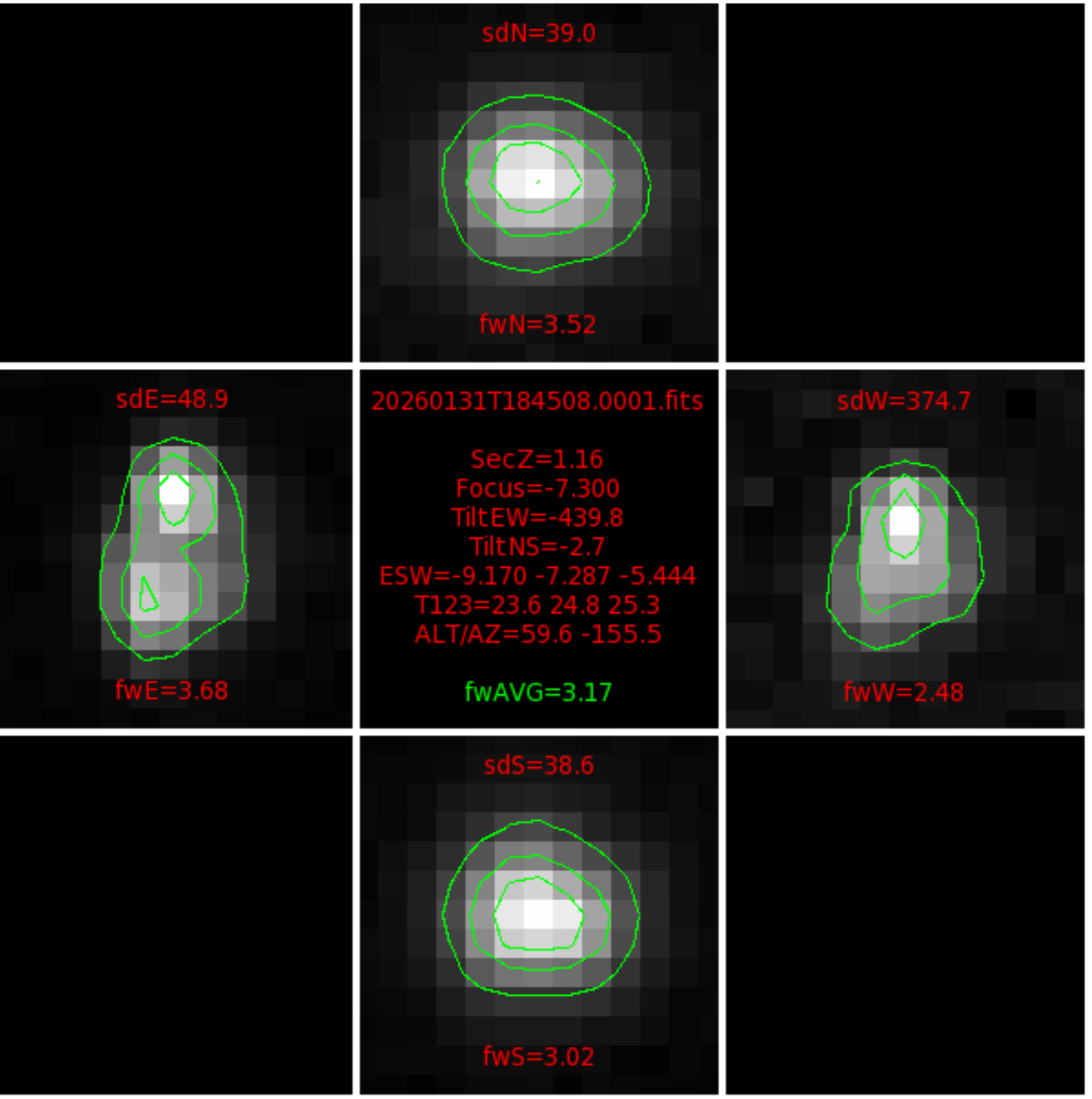
sdN=39.0
fwN=3.52
sdE=48.9
fwE=3.68
20260131T184508.0001.fits
SecZ=1.16
Focus=-7.300
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.170 -7.287 -5.444
T123=23.6 24.8 25.3
ALT/AZ=59.6 -155.5
fwAVG=3.17
sdW=374.7
fwW=2.48
sdS=38.6
fwS=3.02
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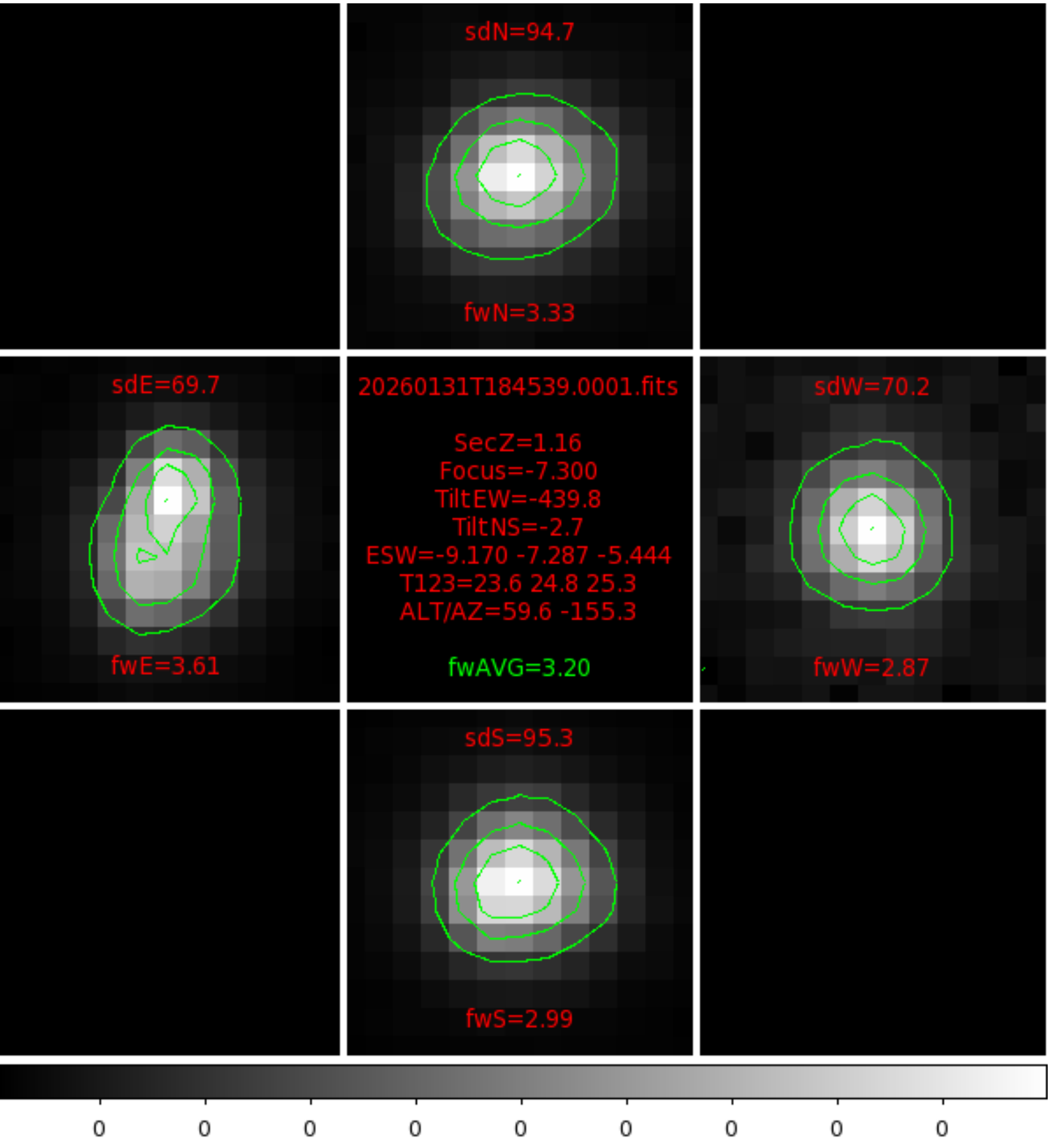
sdN=94.7
fwN=3.33
sdE=69.7
fwE=3.61
20260131T184539.0001.fits
SecZ=1.16
Focus=-7.300
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.170 -7.287 -5.444
T123=23.6 24.8 25.3
ALT/AZ=59.6 -155.3
fwAVG=3.20
sdW=70.2
fwW=2.87
sdS=95.3
fwS=2.99
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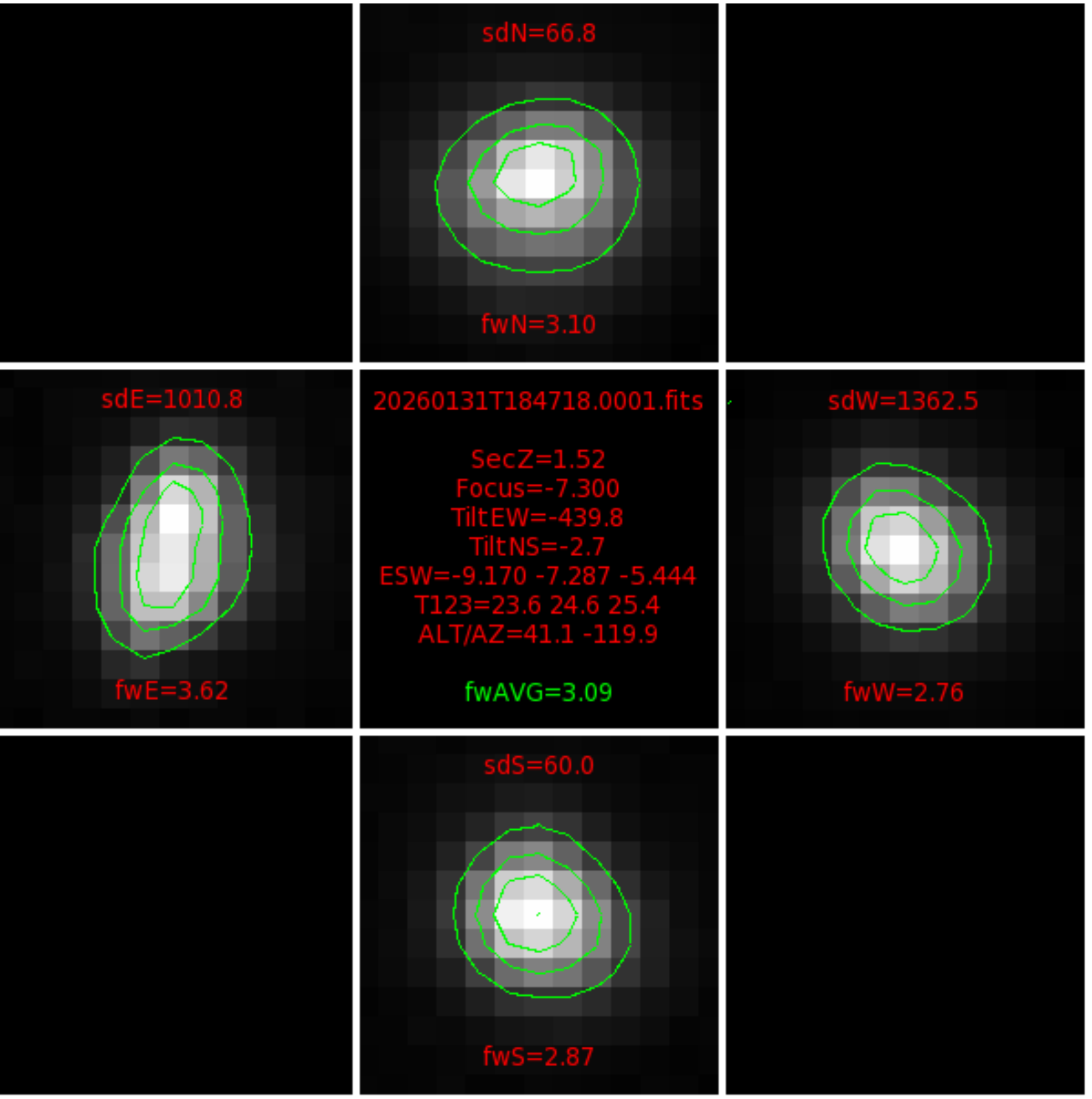
sdN=66.8
fwN=3.10
sdE=1010.8
fwE=3.62
20260131T184718.0001.fits
SecZ=1.52
Focus=-7.300
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.170 -7.287 -5.444
T123=23.6 24.6 25.4
ALT/AZ=41.1 -119.9
fwAVG=3.09
sdW=1362.5
fwW=2.76
sdS=60.0
fwS=2.87
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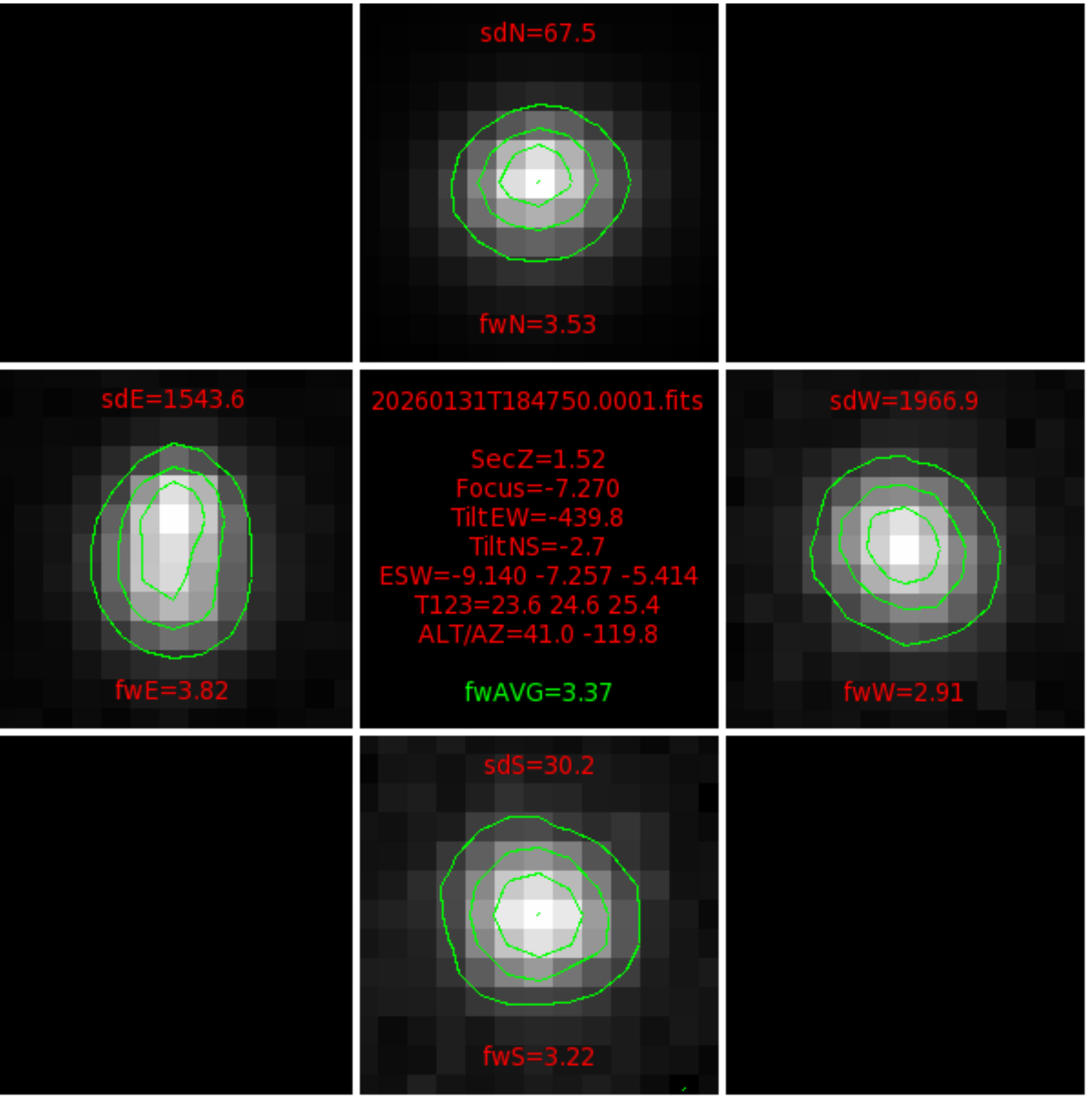
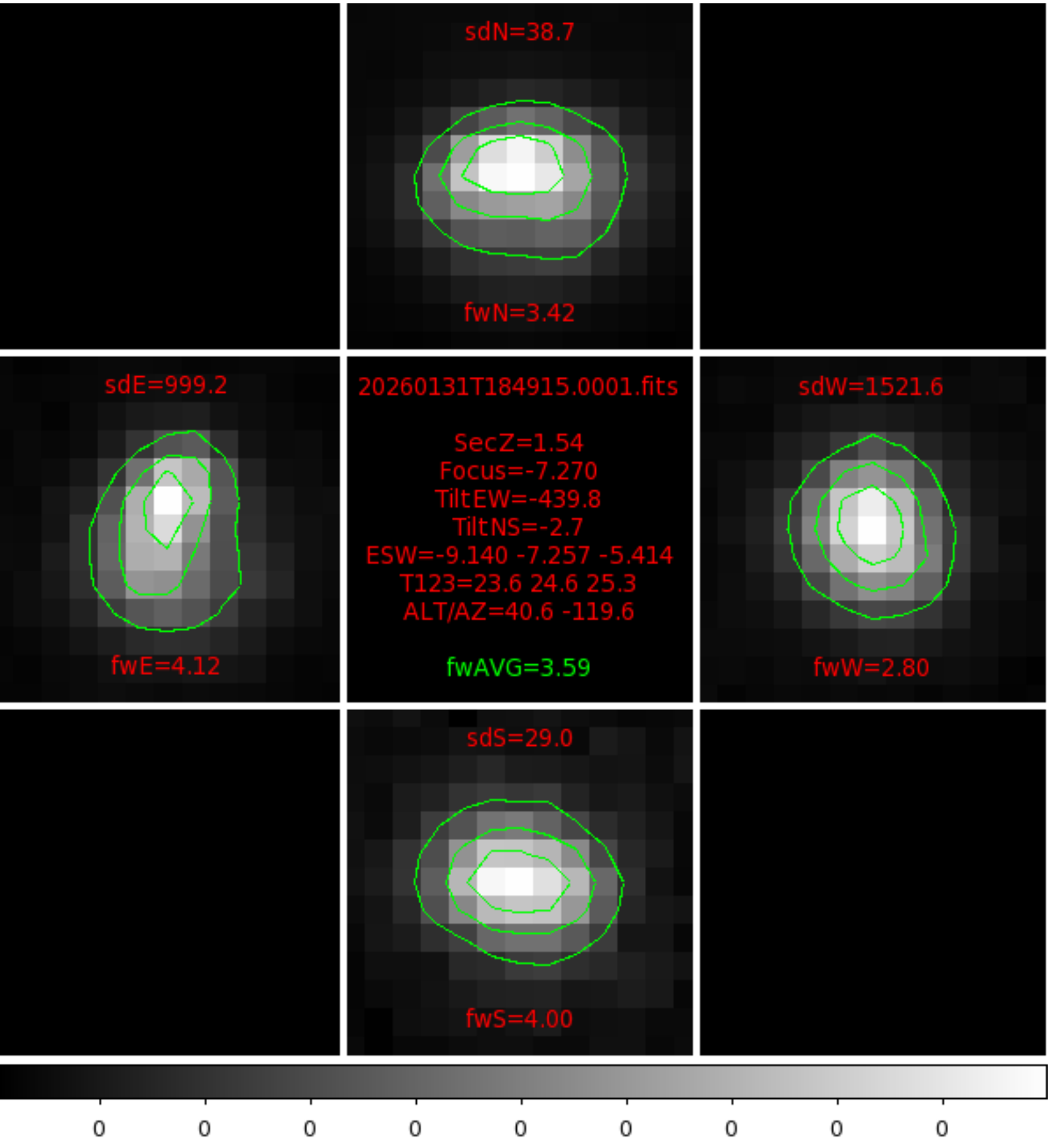
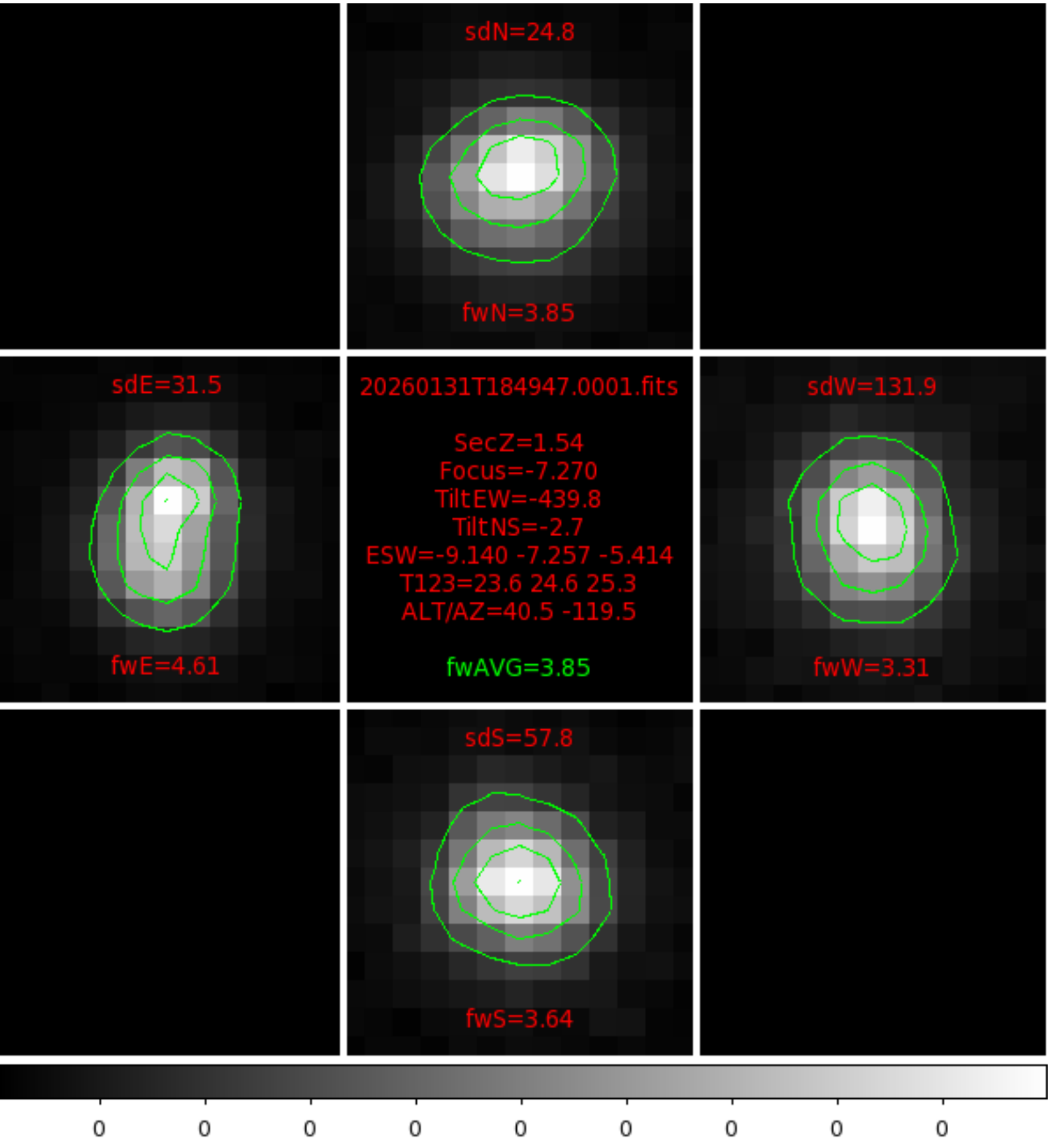

sdN=67.5
fwN=3.53
sdE=1543.6
fwE=3.82
20260131T184750.0001.fits
SecZ=1.52
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.6 24.6 25.4
ALT/AZ=41.0 -119.8
fwAVG=3.37
sdW=1966.9
fwW=2.91
sdS=30.2
fwS=3.22
0 0 0 0 0 0 0 0 0


sdN=38.7
fwN=3.42
sdE=999.2
fwE=4.12
20260131T184915.0001.fits
SecZ=1.54
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.6 24.6 25.3
ALT/AZ=40.6 -119.6
fwAVG=3.59
sdW=1521.6
fwW=2.80
sdS=29.0
fwS=4.00
0 0 0 0 0 0 0 0 0


sdN=24.8
fwN=3.85
sdE=31.5
fwE=4.61
20260131T184947.0001.fits
SecZ=1.54
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.6 24.6 25.3
ALT/AZ=40.5 -119.5
fwAVG=3.85
sdW=131.9
fwW=3.31
sdS=57.8
fwS=3.64
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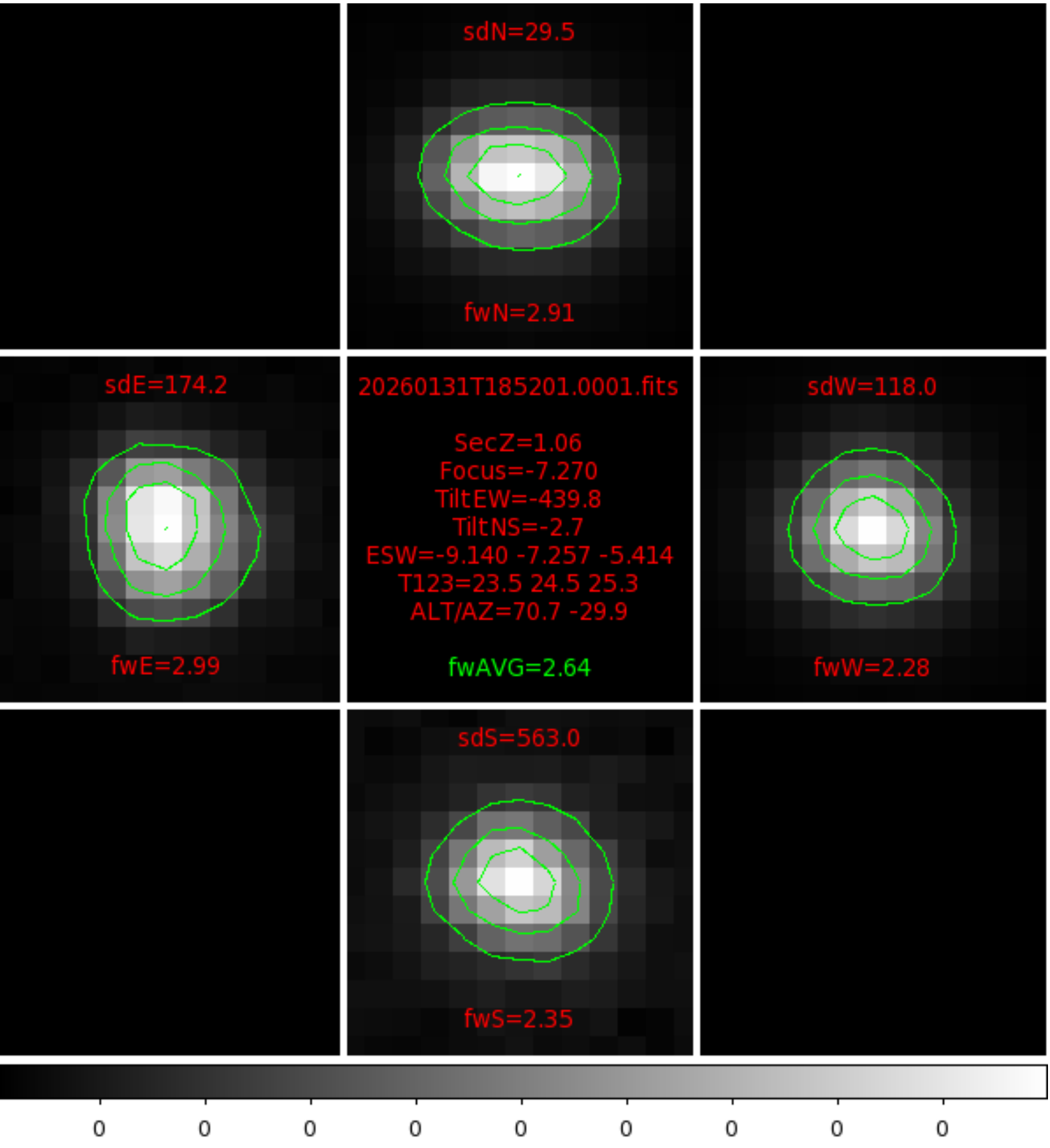
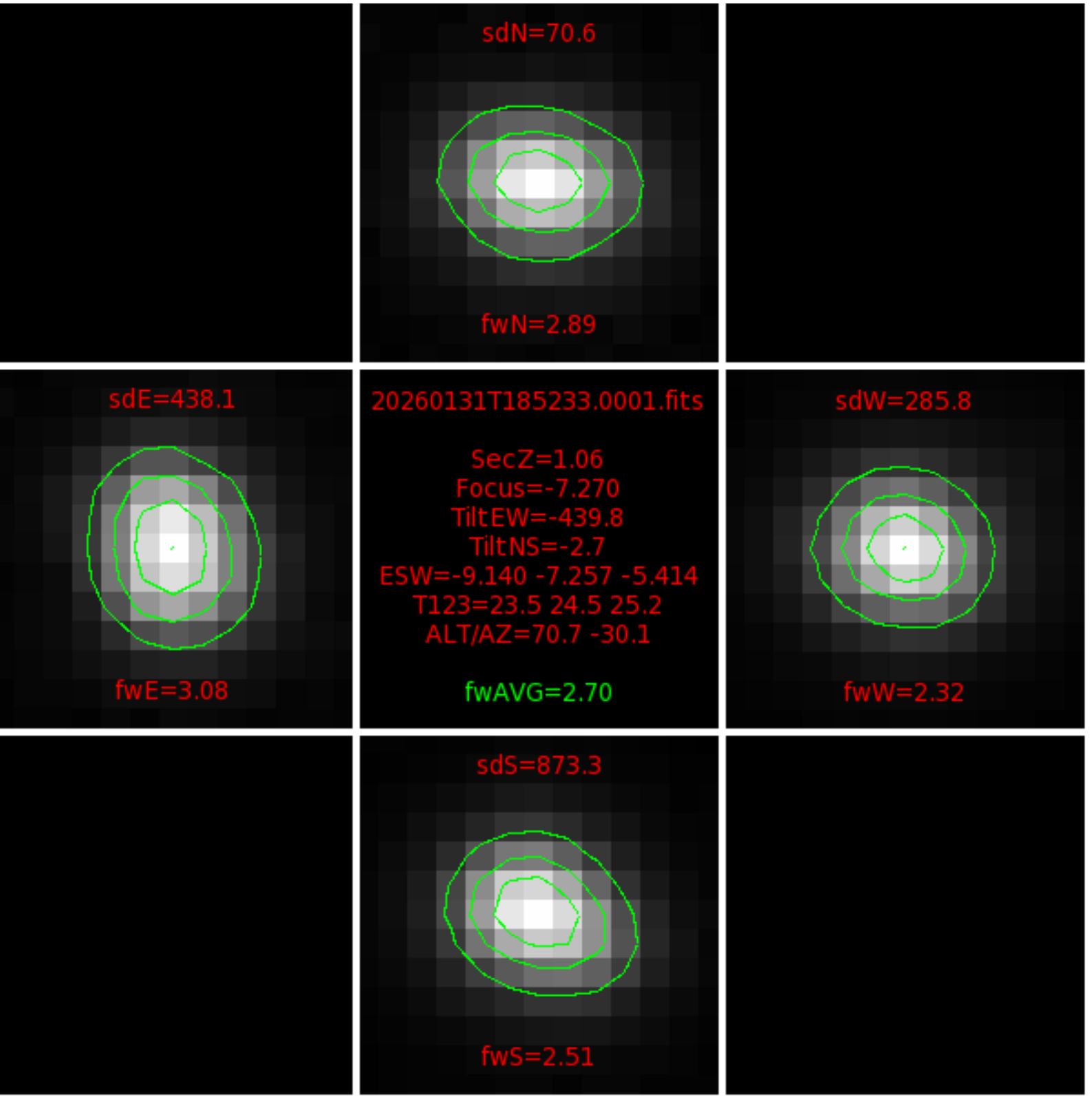

sdN=29.5
fwN=2.91
sdE=174.2
fwE=2.99
20260131T185201.0001.fits
SecZ=1.06
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.5 24.5 25.3
ALT/AZ=70.7 -29.9
fwAVG=2.64
sdW=118.0
fwW=2.28
sdS=563.0
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=70.6
fwN=2.89
sdE=438.1
fwE=3.08
20260131T185233.0001.fits
SecZ=1.06
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.5 24.5 25.2
ALT/AZ=70.7 -30.1
fwAVG=2.70
sdW=285.8
fwW=2.32
sdS=873.3
fwS=2.51
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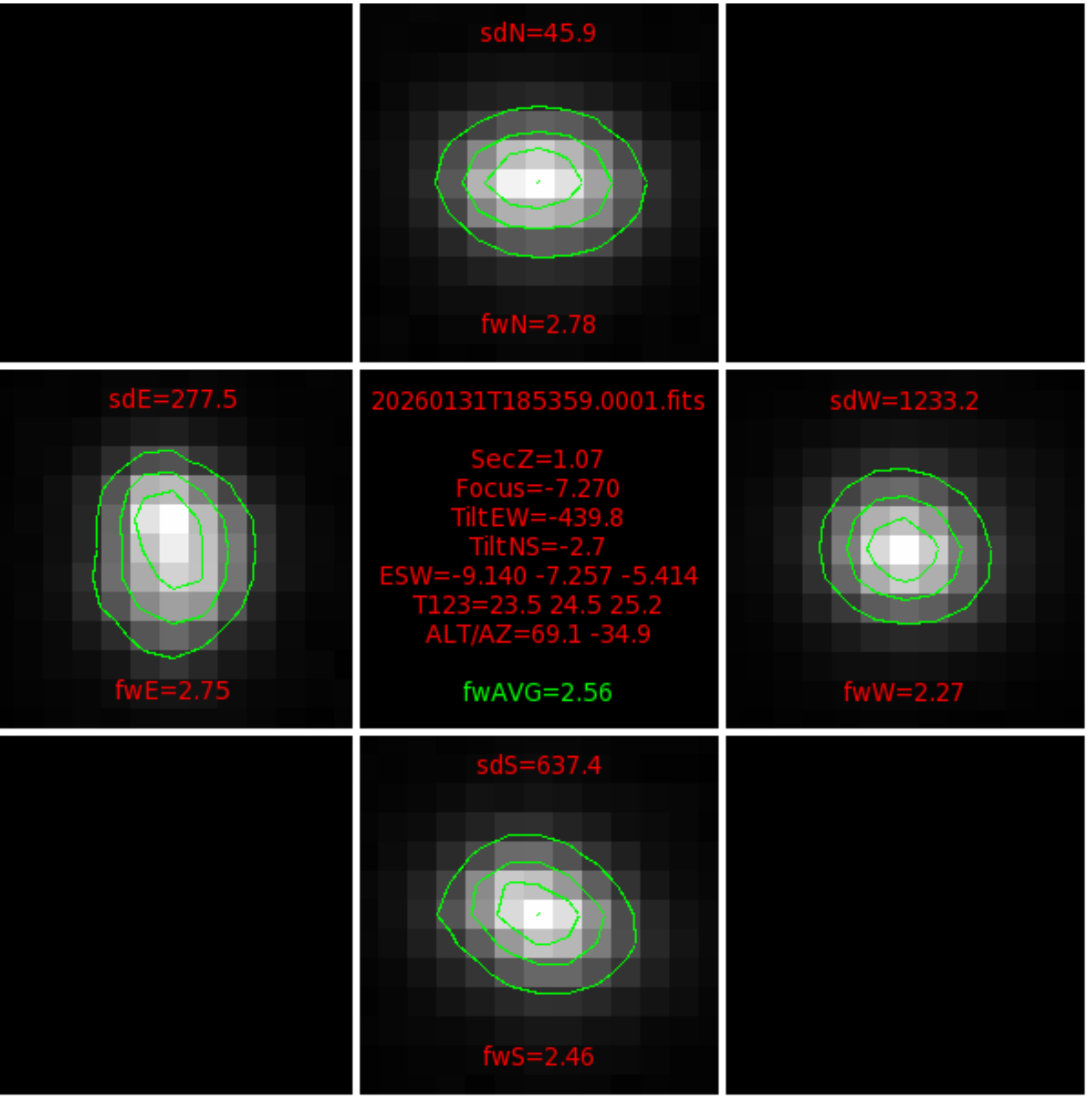
sdN=45.9
fwN=2.78
sdE=277.5
fwE=2.75
20260131T185359.0001.fits
SecZ=1.07
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.5 24.5 25.2
ALT/AZ=69.1 -34.9
fwAVG=2.56
sdW=1233.2
fwW=2.27
sdS=637.4
fwS=2.46
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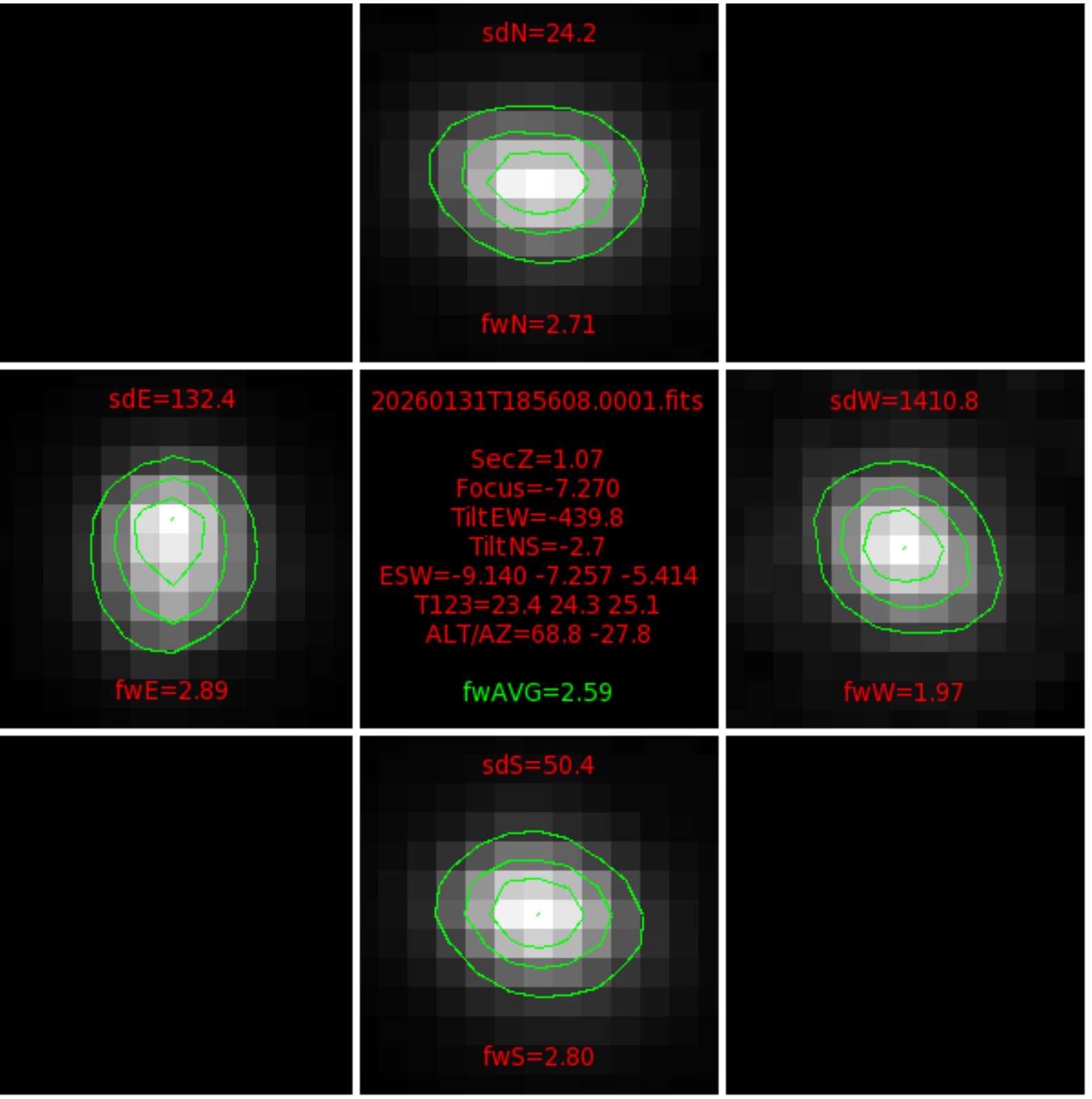
sdN=24.2
fwN=2.71
sdE=132.4
fwE=2.89
20260131T185608.0001.fits
SecZ=1.07
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.4 24.3 25.1
ALT/AZ=68.8 -27.8
fwAVG=2.59
sdW=1410.8
fwW=1.97
sdS=50.4
fwS=2.80
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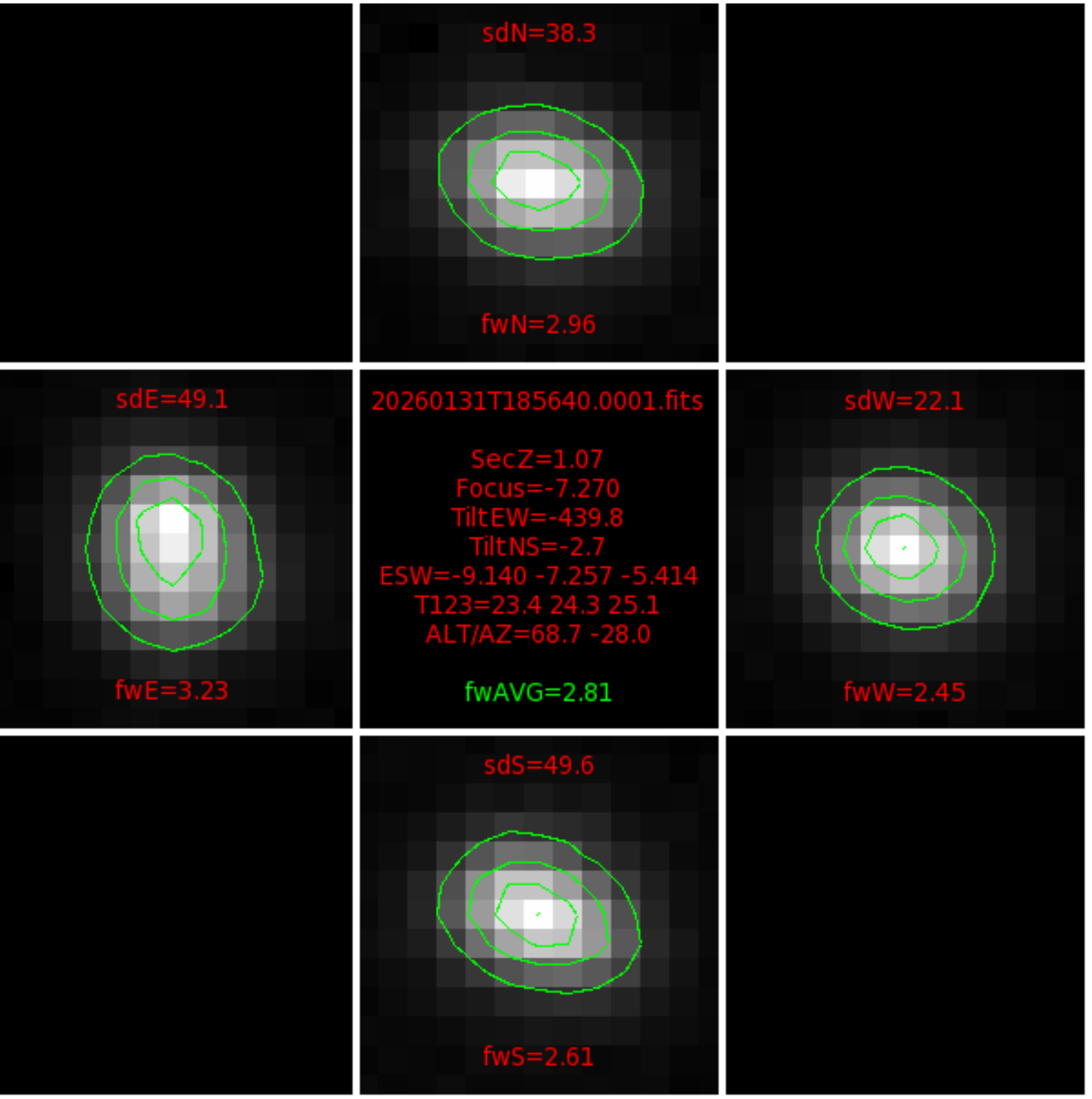
sdN=38.3
fwN=2.96
sdE=49.1
fwE=3.23
20260131T185640.0001.fits
SecZ=1.07
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.4 24.3 25.1
ALT/AZ=68.7 -28.0
fwAVG=2.81
sdW=22.1
fwW=2.45
sdS=49.6
fwS=2.61
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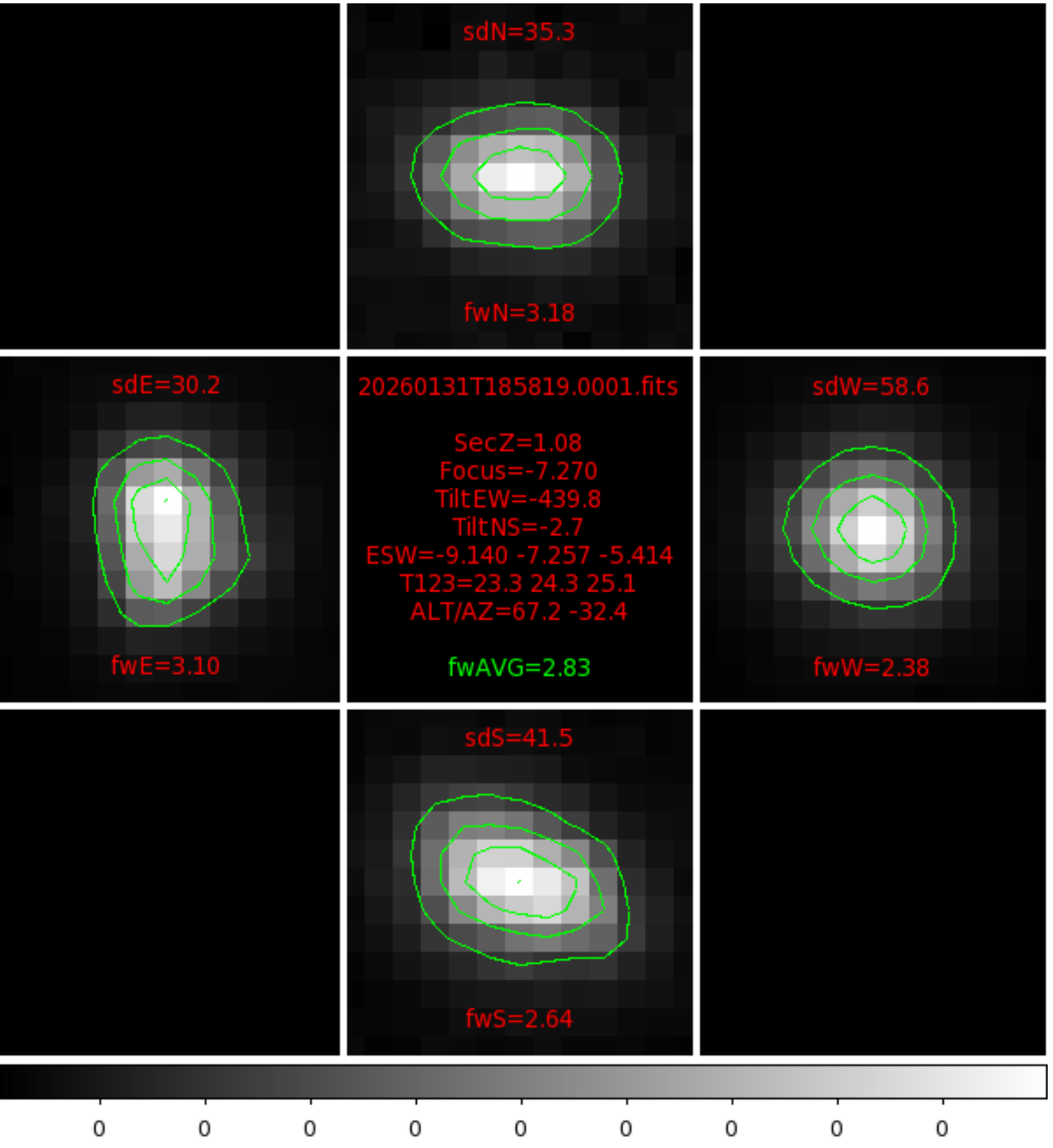
sdN=35.3
fwN=3.18
sdE=30.2
fwE=3.10
20260131T185819.0001.fits
SecZ=1.08
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.3 24.3 25.1
ALT/AZ=67.2 -32.4
fwAVG=2.83
sdW=58.6
fwW=2.38
sdS=41.5
fwS=2.64
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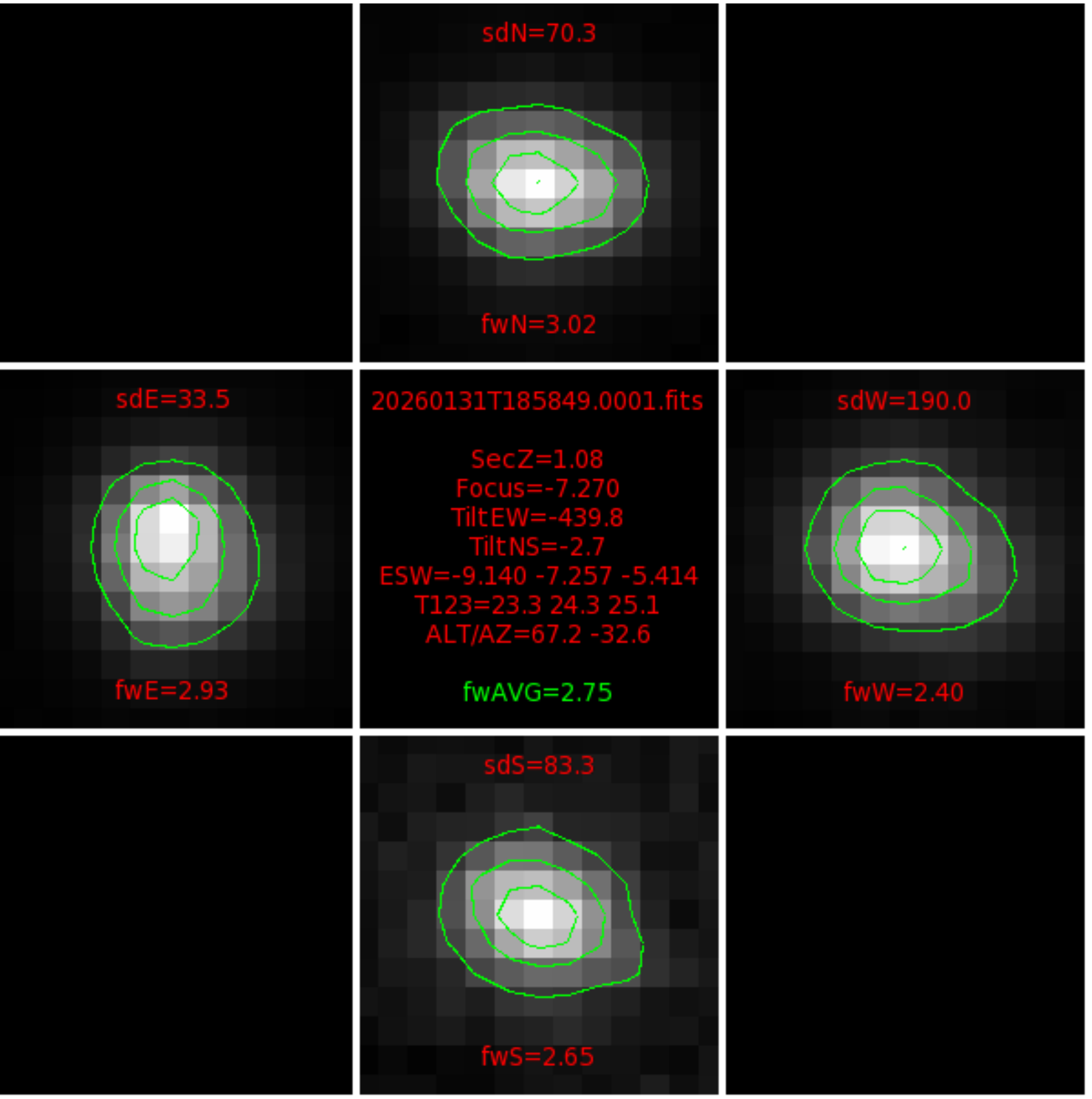
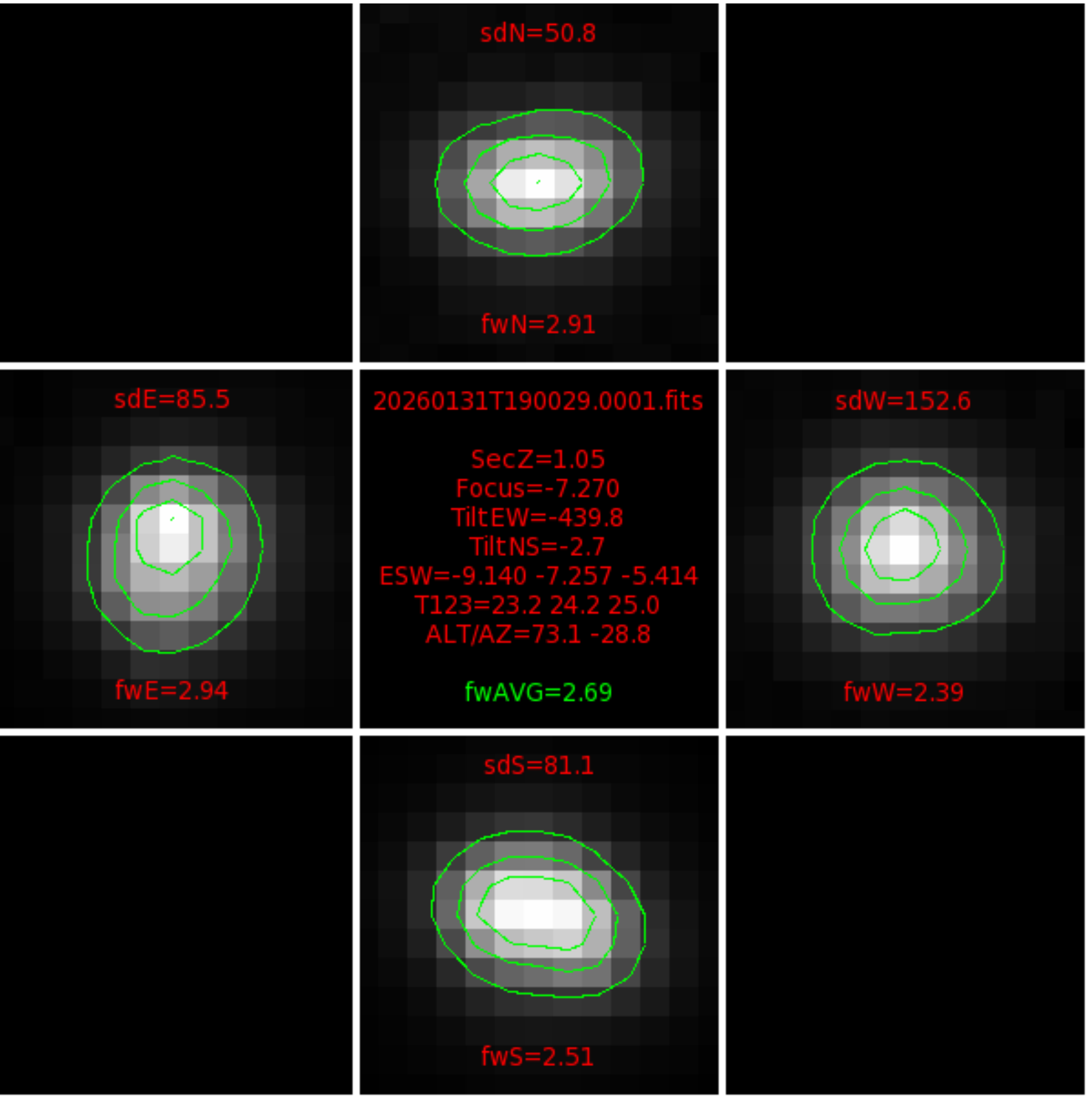

sdN=70.3
fwN=3.02
sdE=33.5
fwE=2.93
20260131T185849.0001.fits
SecZ=1.08
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.3 24.3 25.1
ALT/AZ=67.2 -32.6
fwAVG=2.75
sdW=190.0
fwW=2.40
sdS=83.3
fwS=2.65
0 0 0 0 0 0 0 0 0


sdN=50.8
fwN=2.91
sdE=85.5
fwE=2.94
20260131T190029.0001.fits
SecZ=1.05
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.2 24.2 25.0
ALT/AZ=73.1 -28.8
fwAVG=2.69
sdW=152.6
fwW=2.39
sdS=81.1
fwS=2.51
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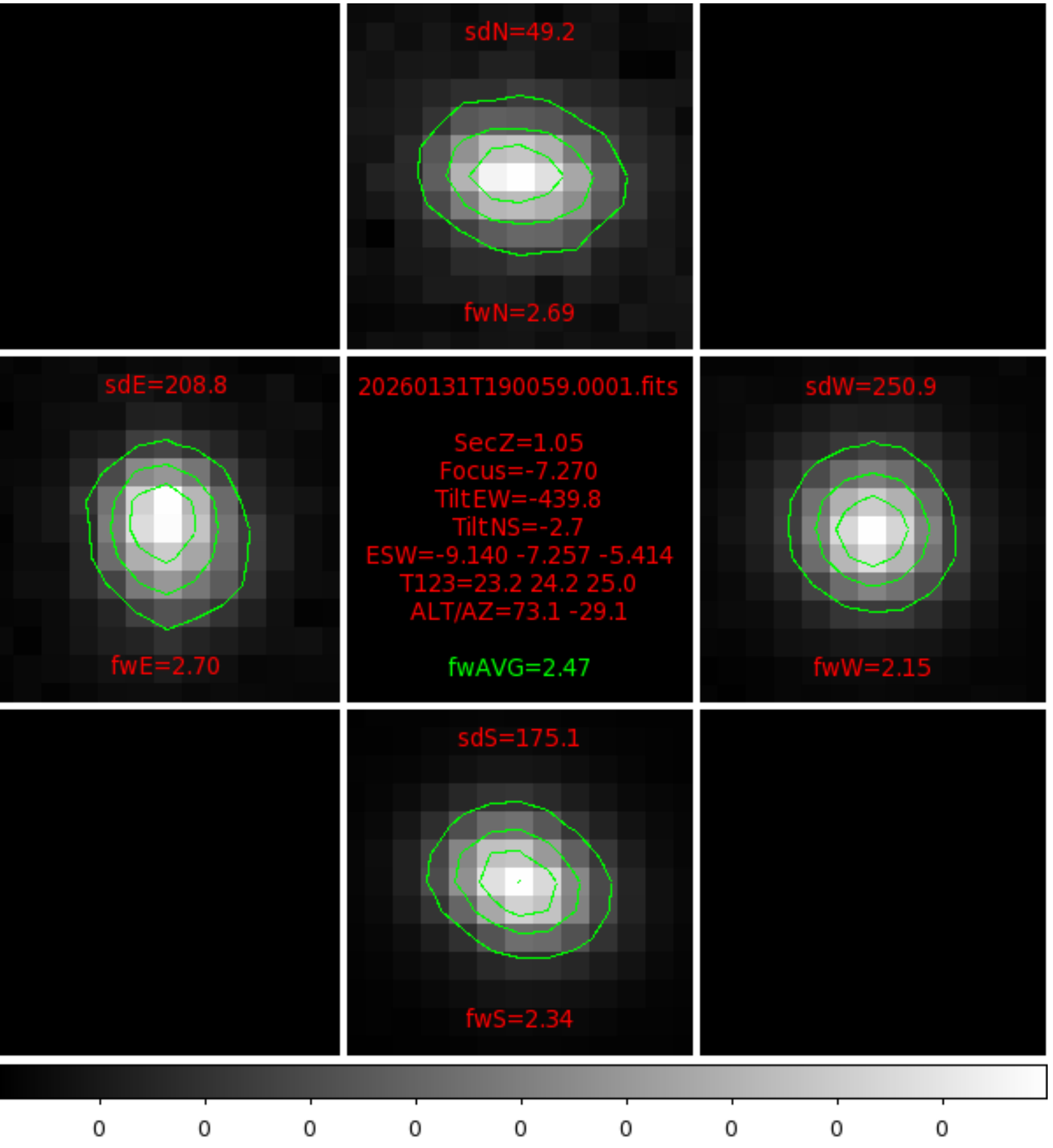
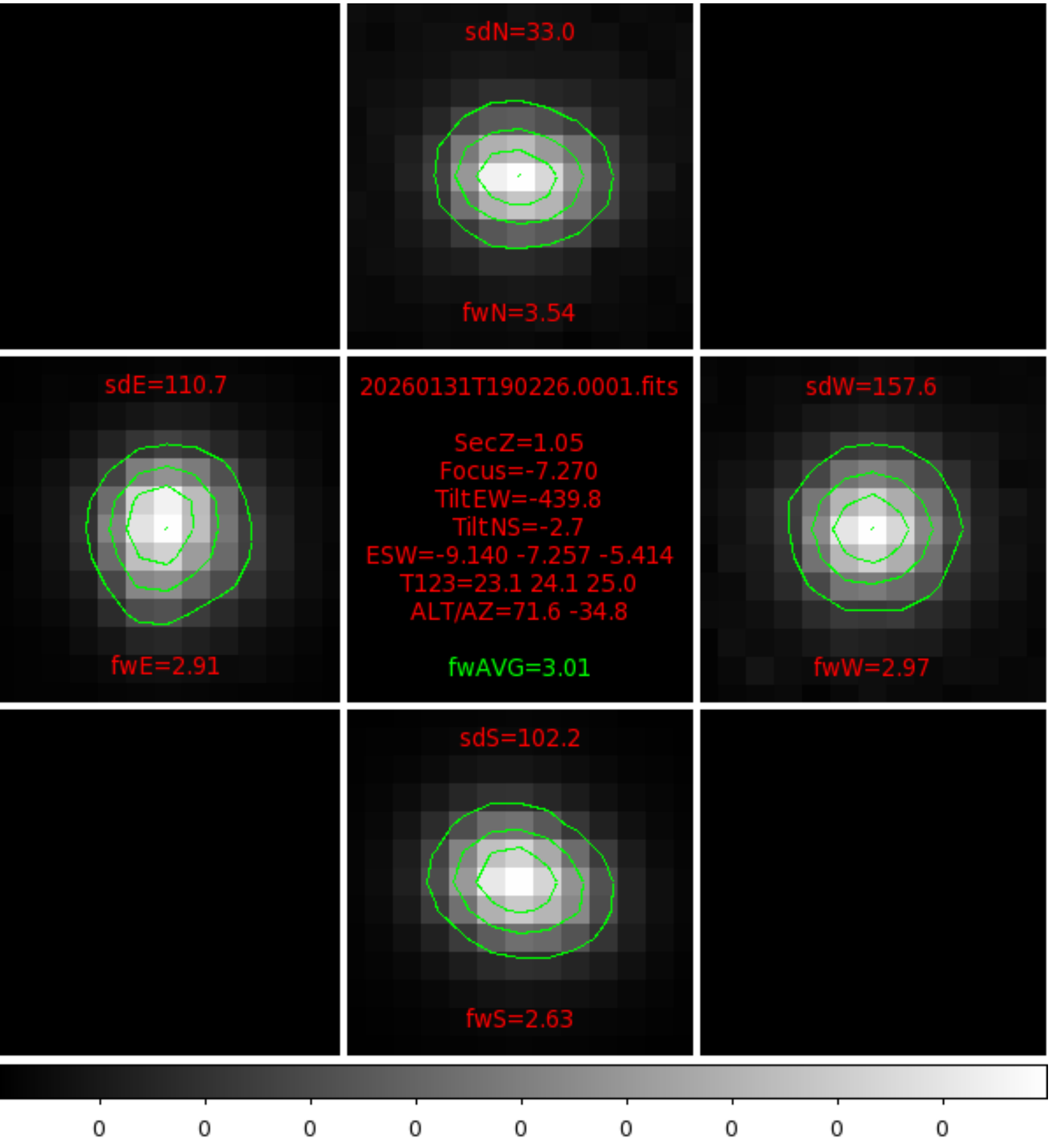
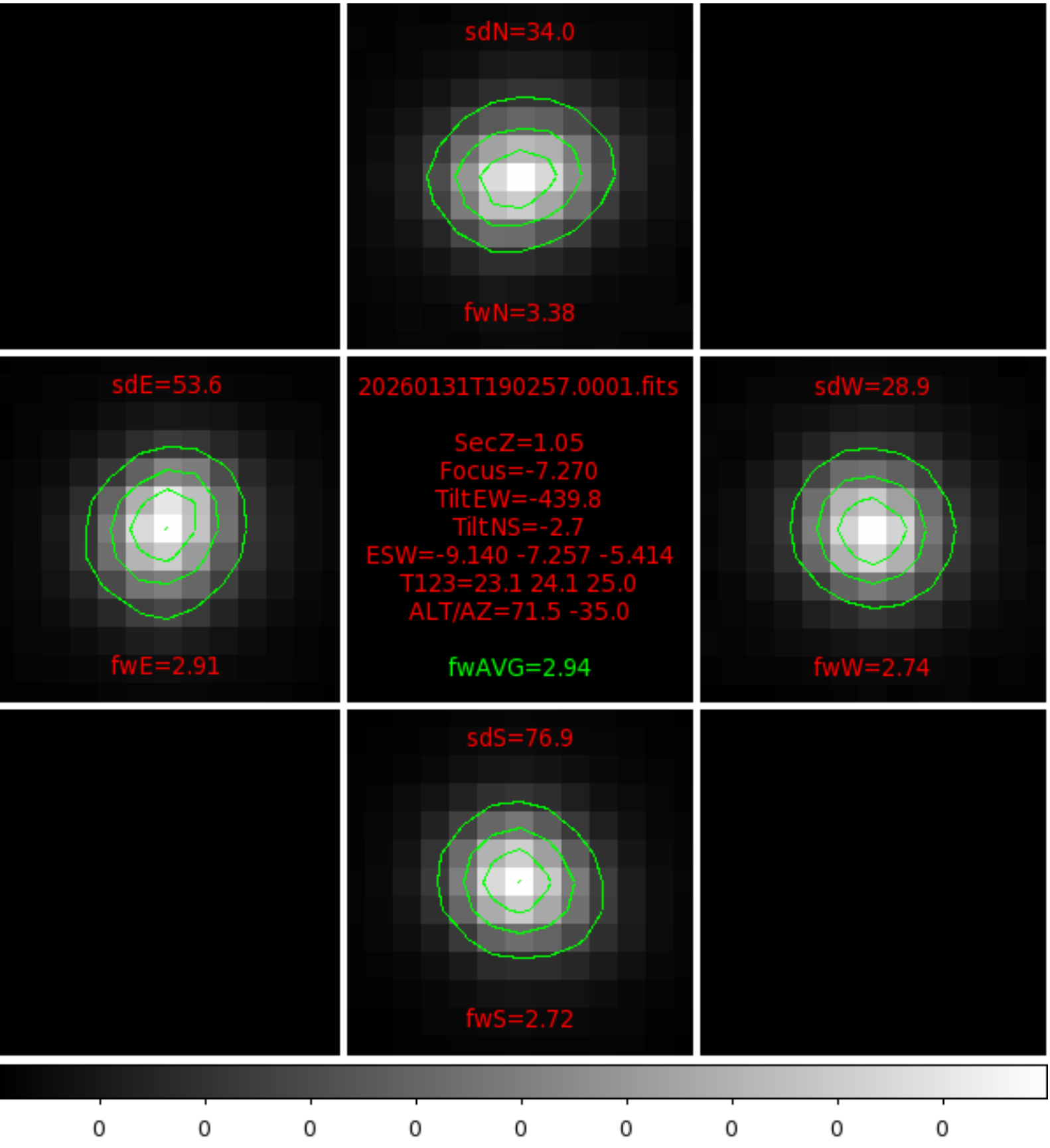

sdN=49.2
fwN=2.69
sdE=208.8
fwE=2.70
20260131T190059.0001.fits
SecZ=1.05
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.2 24.2 25.0
ALT/AZ=73.1 -29.1
fwAVG=2.47
sdW=250.9
fwW=2.15
sdS=175.1
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=33.0
fwN=3.54
sdE=110.7
fwE=2.91
20260131T190226.0001.fits
SecZ=1.05
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.1 24.1 25.0
ALT/AZ=71.6 -34.8
fwAVG=3.01
sdW=157.6
fwW=2.97
sdS=102.2
fwS=2.63
0 0 0 0 0 0 0 0 0


sdN=34.0
fwN=3.38
sdE=53.6
fwE=2.91
20260131T190257.0001.fits
SecZ=1.05
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.1 24.1 25.0
ALT/AZ=71.5 -35.0
fwAVG=2.94
sdW=28.9
fwW=2.74
sdS=76.9
fwS=2.72
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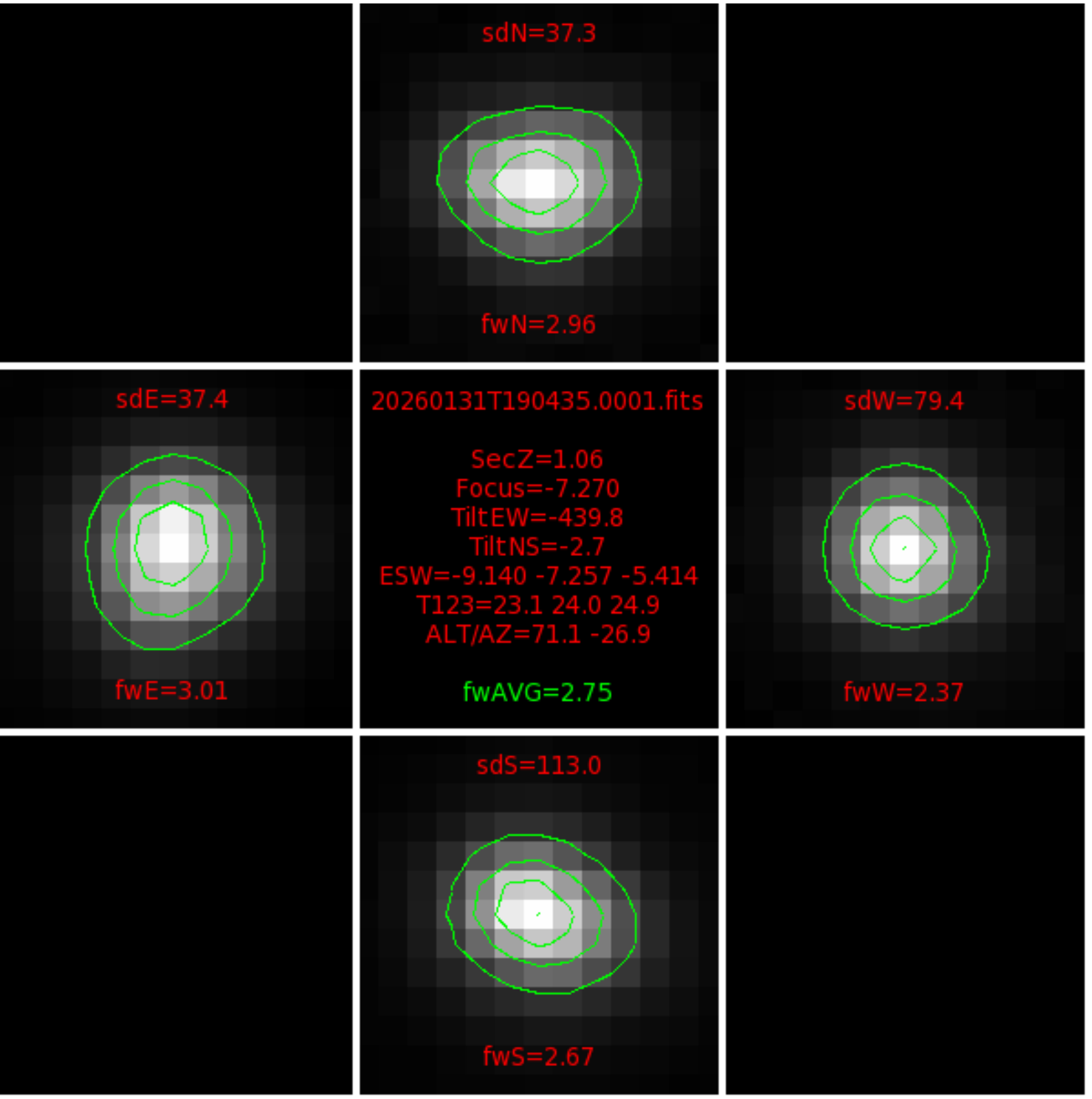
sdN=37.3
fwN=2.96
sdE=37.4
fwE=3.01
20260131T190435.0001.fits
SecZ=1.06
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.1 24.0 24.9
ALT/AZ=71.1 -26.9
fwAVG=2.75
sdW=79.4
fwW=2.37
sdS=113.0
fwS=2.67
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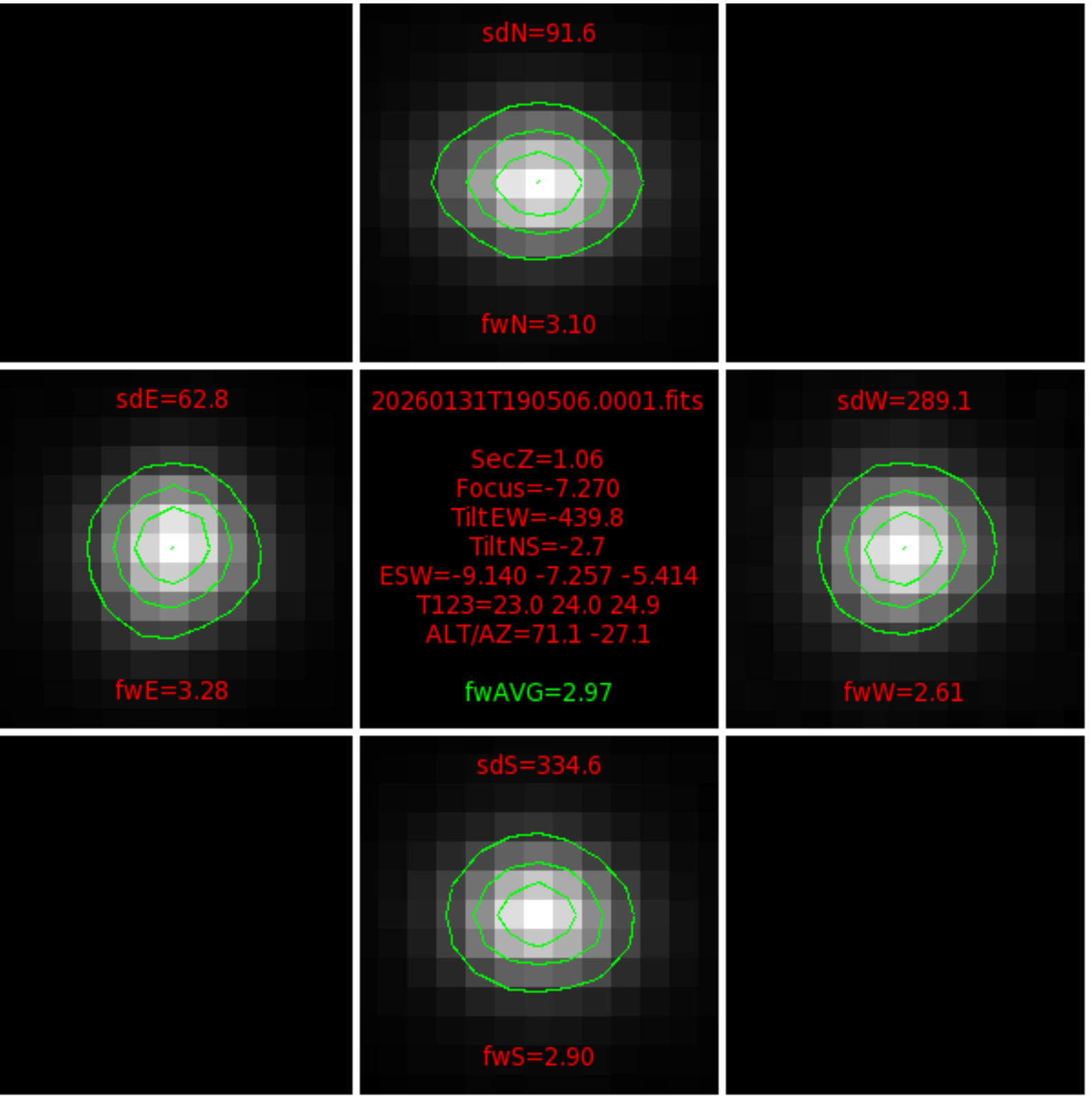
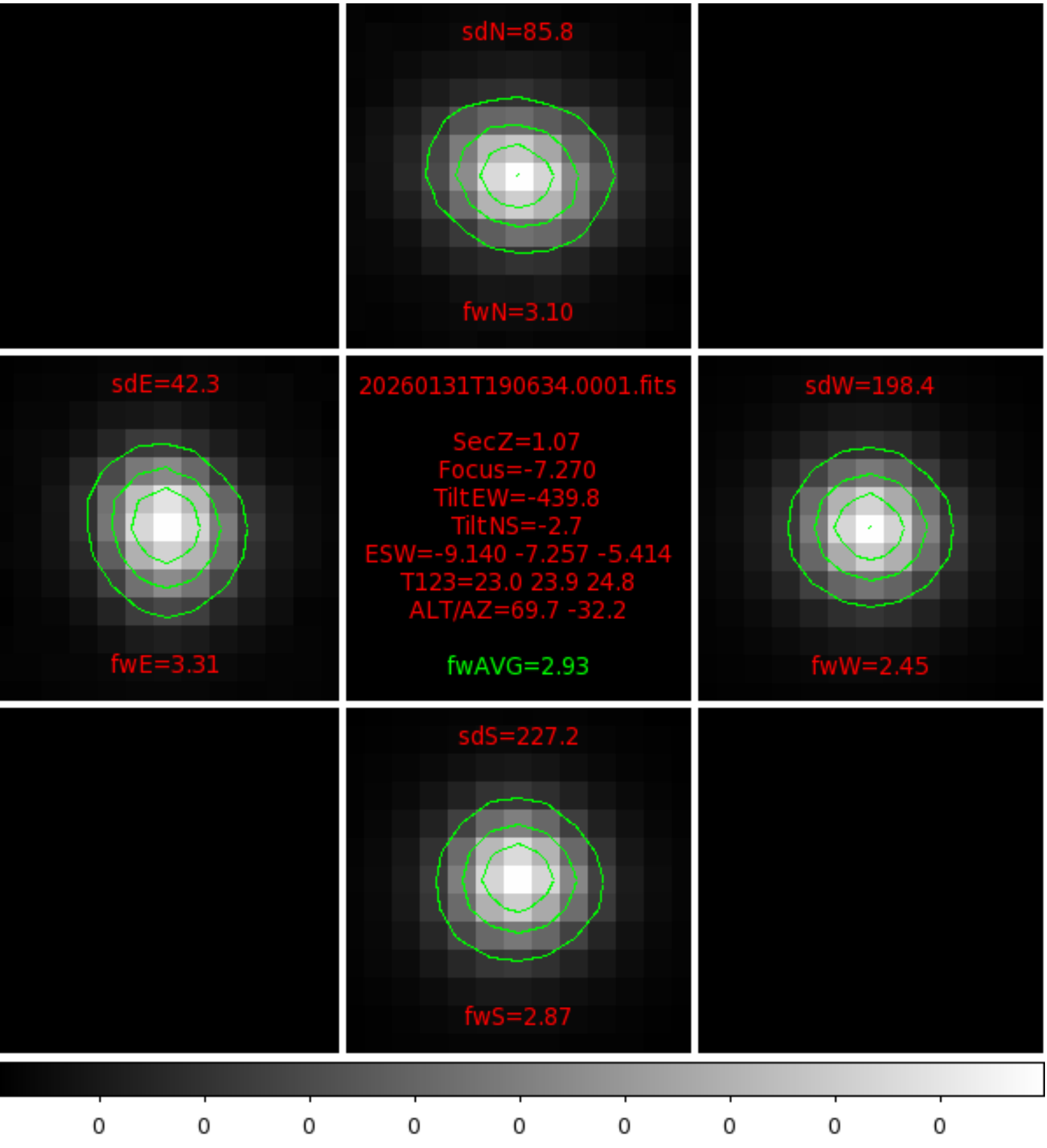

sdN=91.6
fwN=3.10
sdE=62.8
fwE=3.28
20260131T190506.0001.fits
SecZ=1.06
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.0 24.0 24.9
ALT/AZ=71.1 -27.1
fwAVG=2.97
sdW=289.1
fwW=2.61
sdS=334.6
fwS=2.90
0 0 0 0 0 0 0 0 0


sdN=85.8
fwN=3.10
sdE=42.3
fwE=3.31
20260131T190634.0001.fits
SecZ=1.07
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.0 23.9 24.8
ALT/AZ=69.7 -32.2
fwAVG=2.93
sdW=198.4
fwW=2.45
sdS=227.2
fwS=2.87
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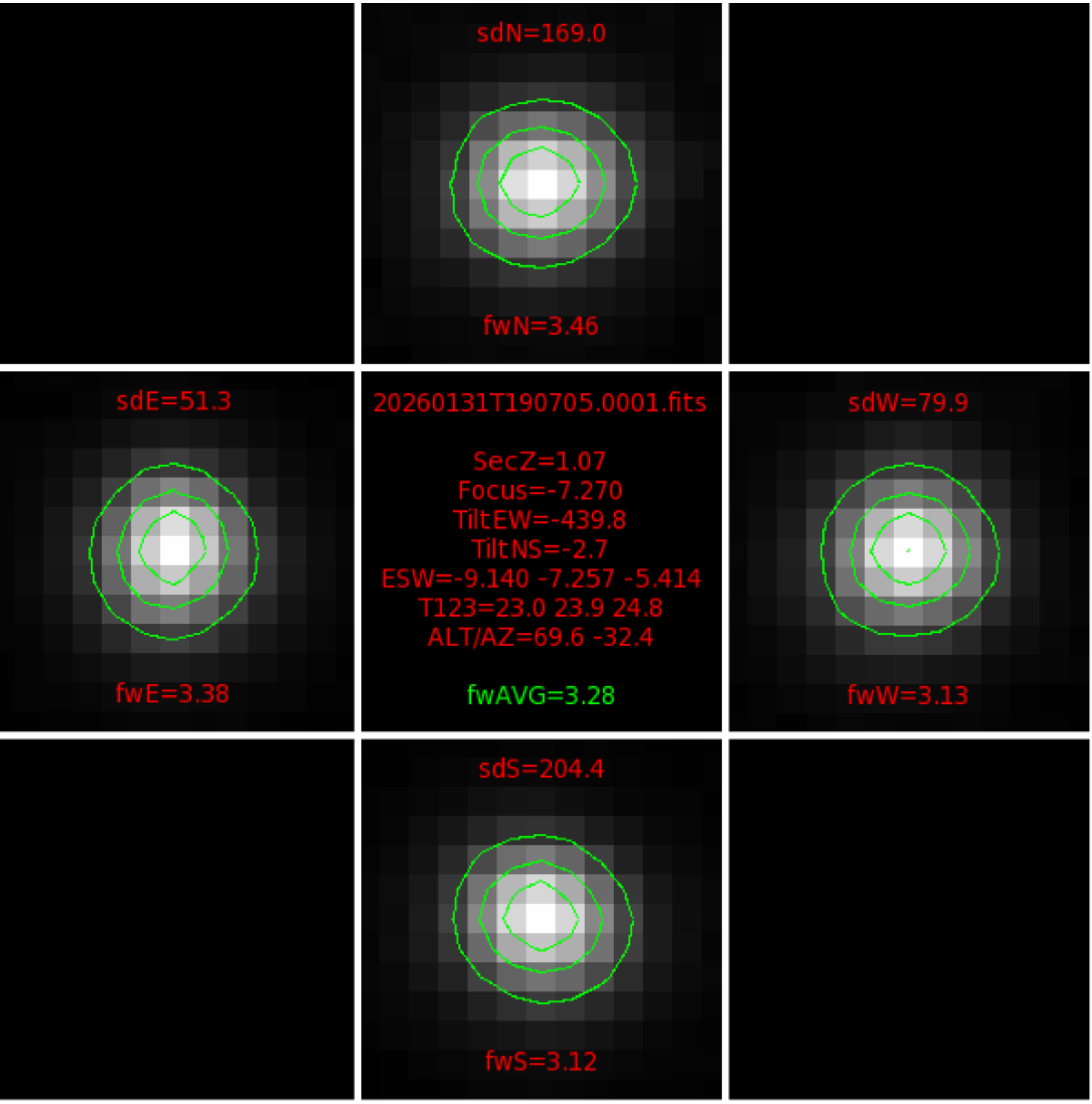
sdN=169.0
fwN=3.46
sdE=51.3
fwE=3.38
20260131T190705.0001.fits
SecZ=1.07
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=23.0 23.9 24.8
ALT/AZ=69.6 -32.4
fwAVG=3.28
sdW=79.9
fwW=3.13
sdS=204.4
fwS=3.12
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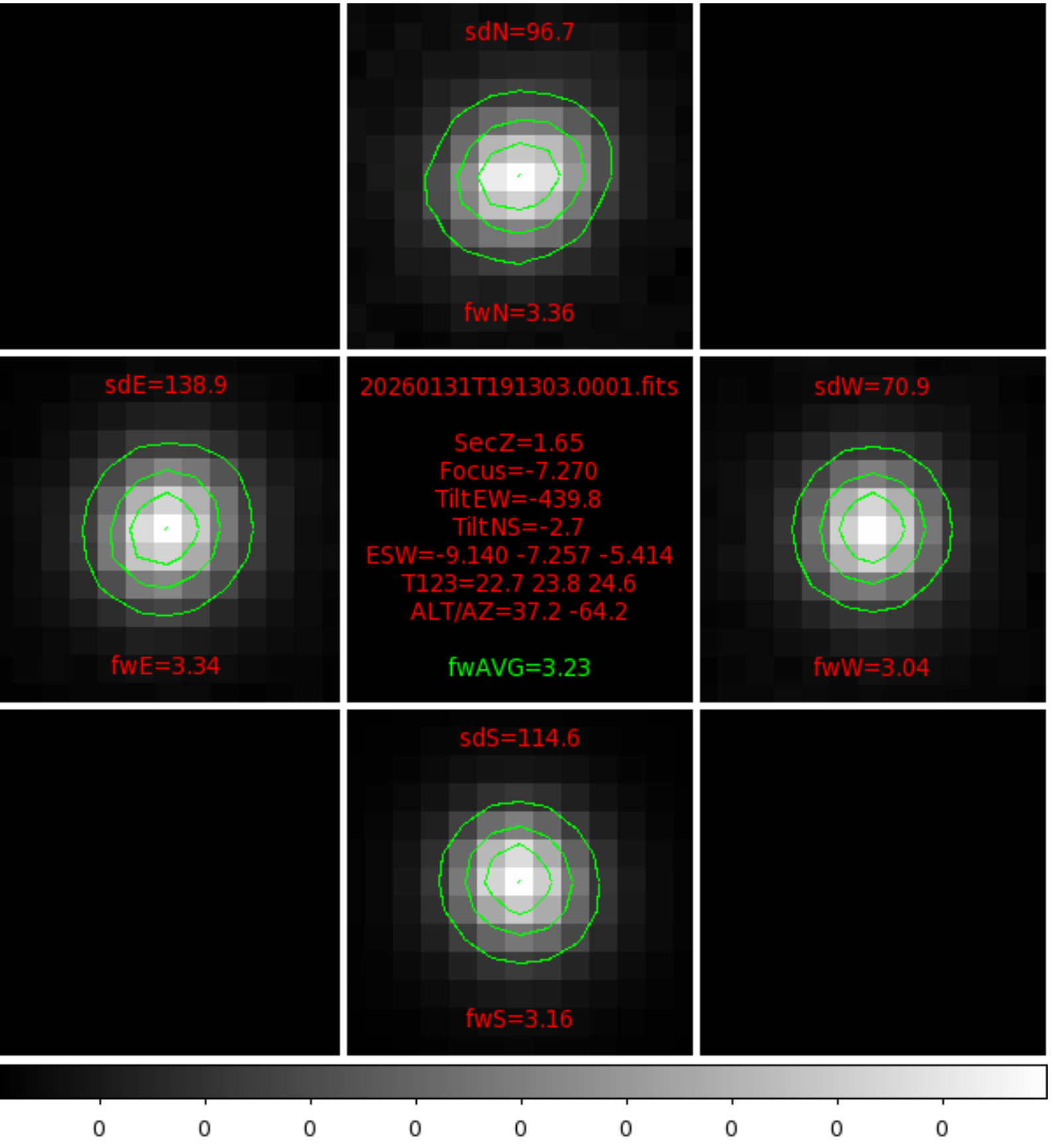
sdN=96.7
fwN=3.36
sdE=138.9
fwE=3.34
20260131T191303.0001.fits
SecZ=1.65
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.7 23.8 24.6
ALT/AZ=37.2 -64.2
fwAVG=3.23
sdW=70.9
fwW=3.04
sdS=114.6
fwS=3.16
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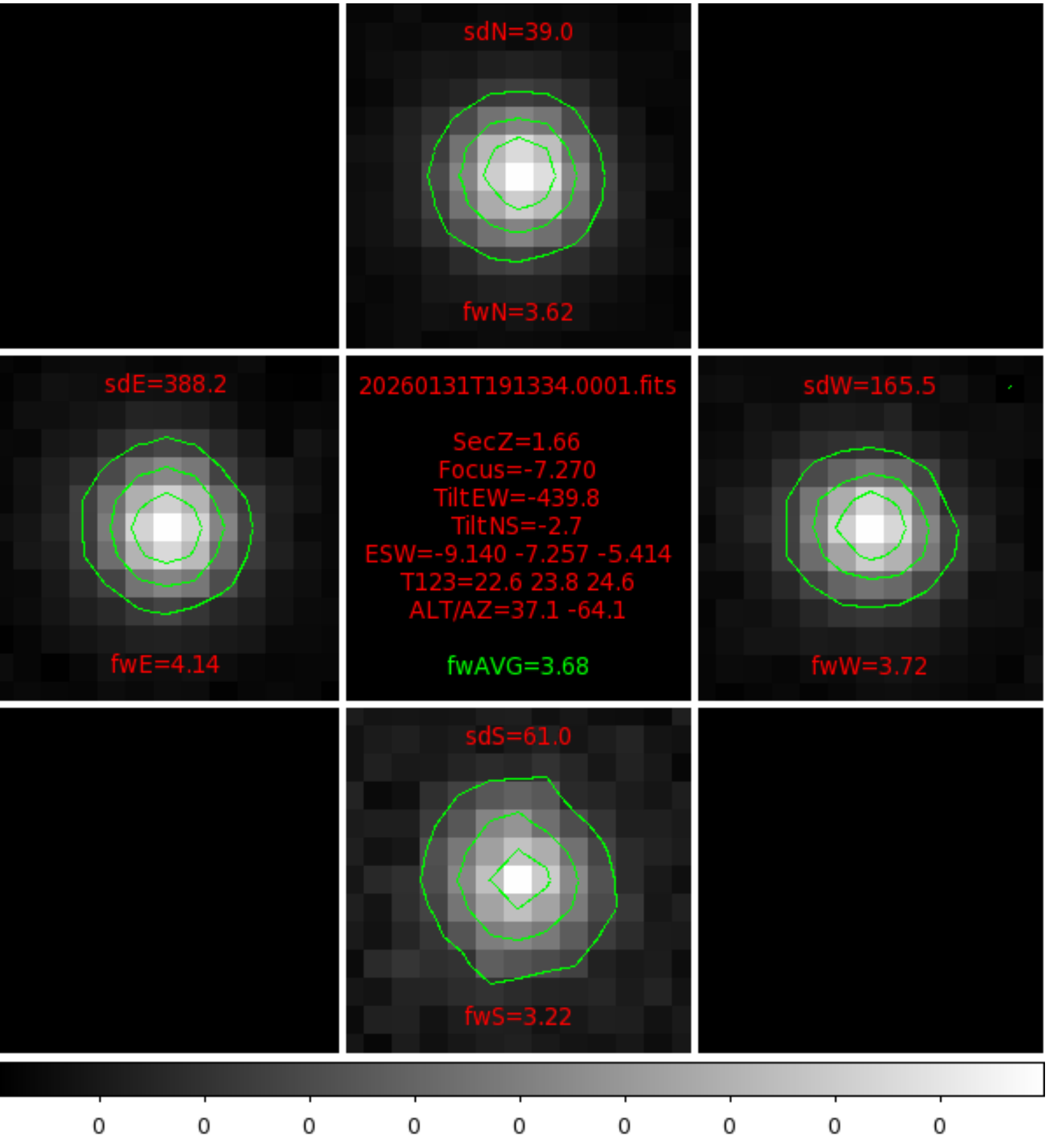
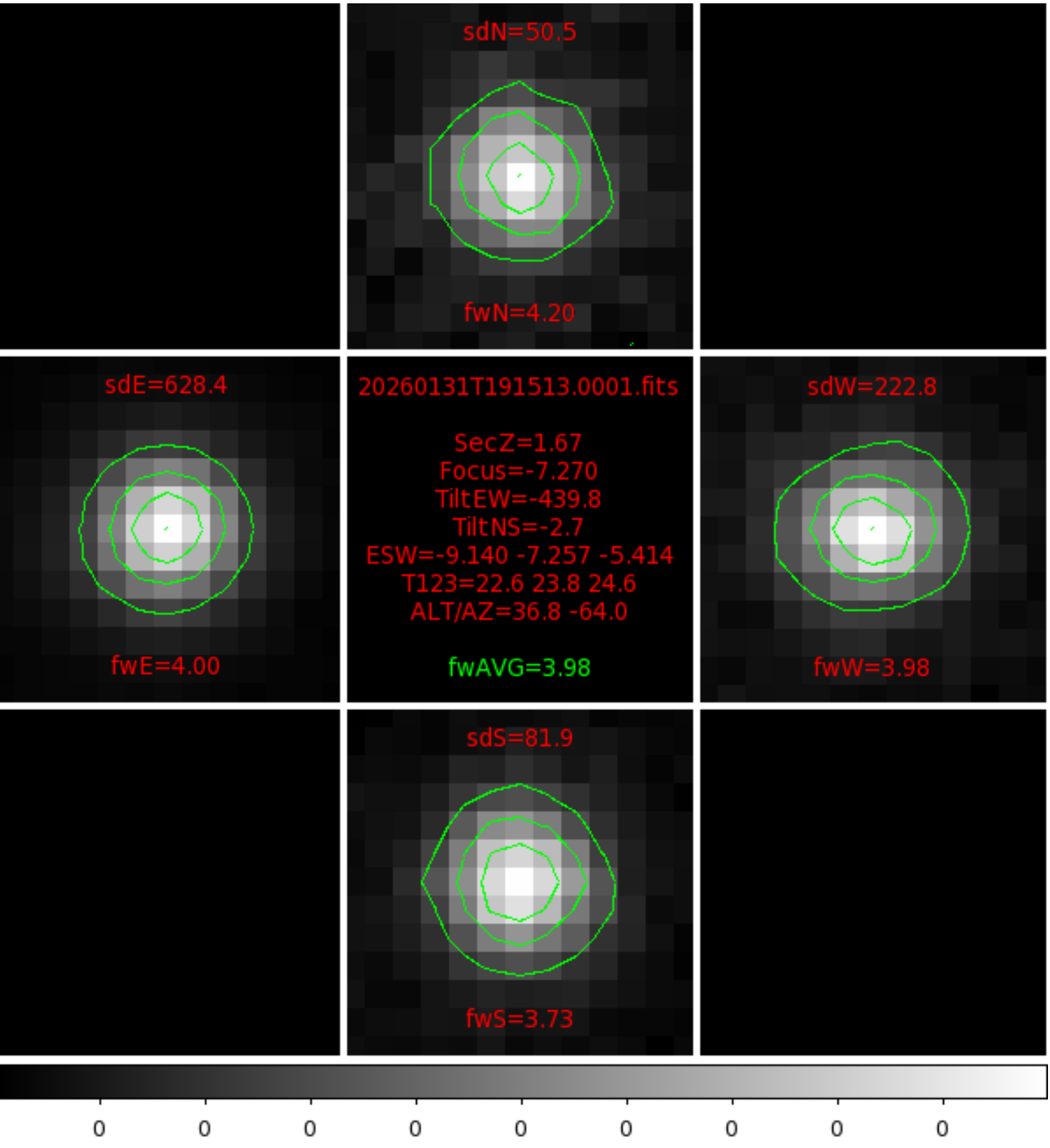

sdN=39.0
fwN=3.62
sdE=388.2
fwE=4.14
20260131T191334.0001.fits
SecZ=1.66
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.6 23.8 24.6
ALT/AZ=37.1 -64.1
fwAVG=3.68
sdW=165.5
fwW=3.72
sdS=61.0
fwS=3.22
0 0 0 0 0 0 0 0 0


sdN=50.5
fwN=4.20
sdE=628.4
fwE=4.00
20260131T191513.0001.fits
SecZ=1.67
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.6 23.8 24.6
ALT/AZ=36.8 -64.0
fwAVG=3.98
sdW=222.8
fwW=3.98
sdS=81.9
fwS=3.73
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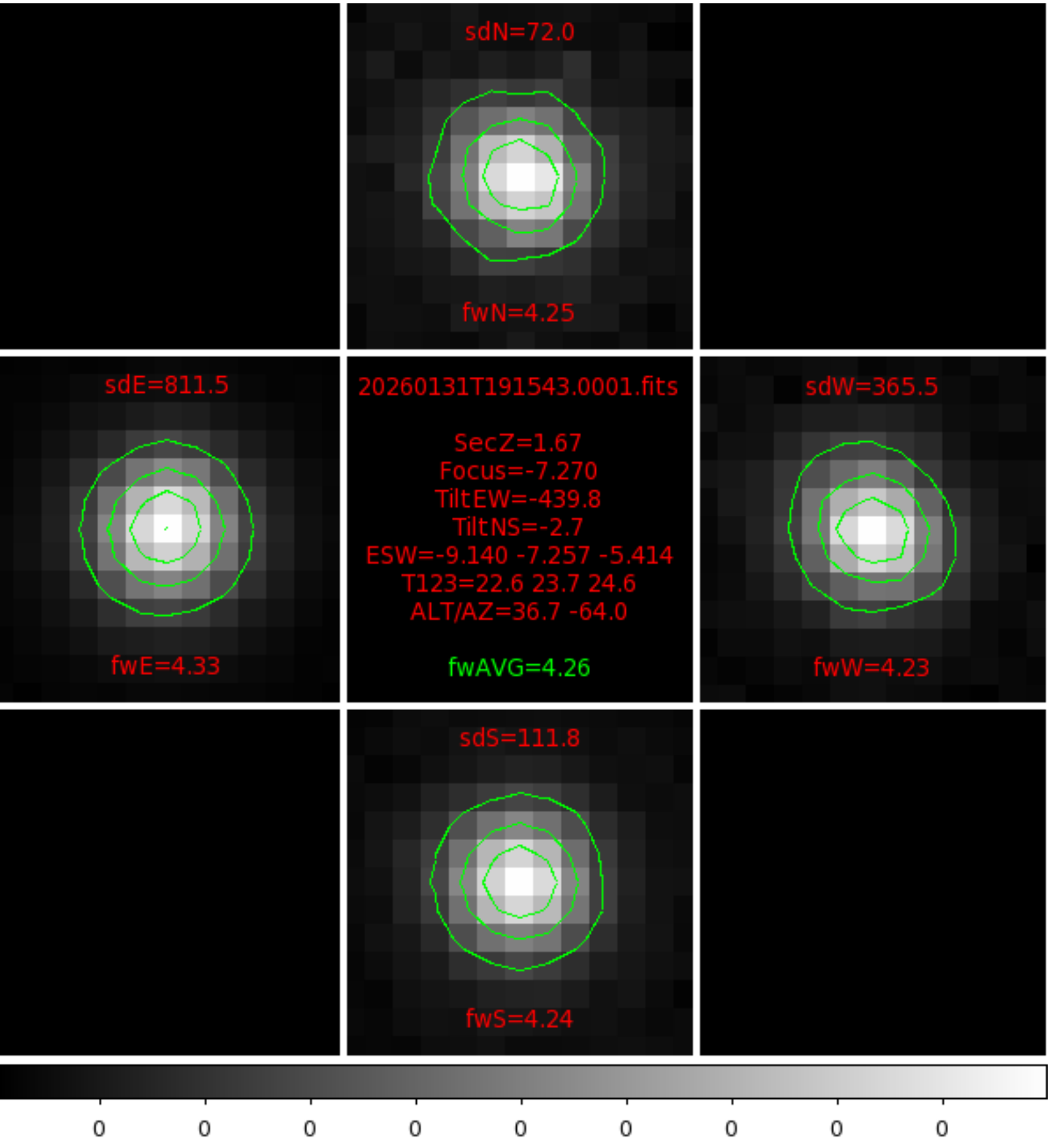
sdN=72.0
fwN=4.25
sdE=811.5
fwE=4.33
20260131T191543.0001.fits
SecZ=1.67
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.6 23.7 24.6
ALT/AZ=36.7 -64.0
fwAVG=4.26
sdW=365.5
fwW=4.23
sdS=111.8
fwS=4.24
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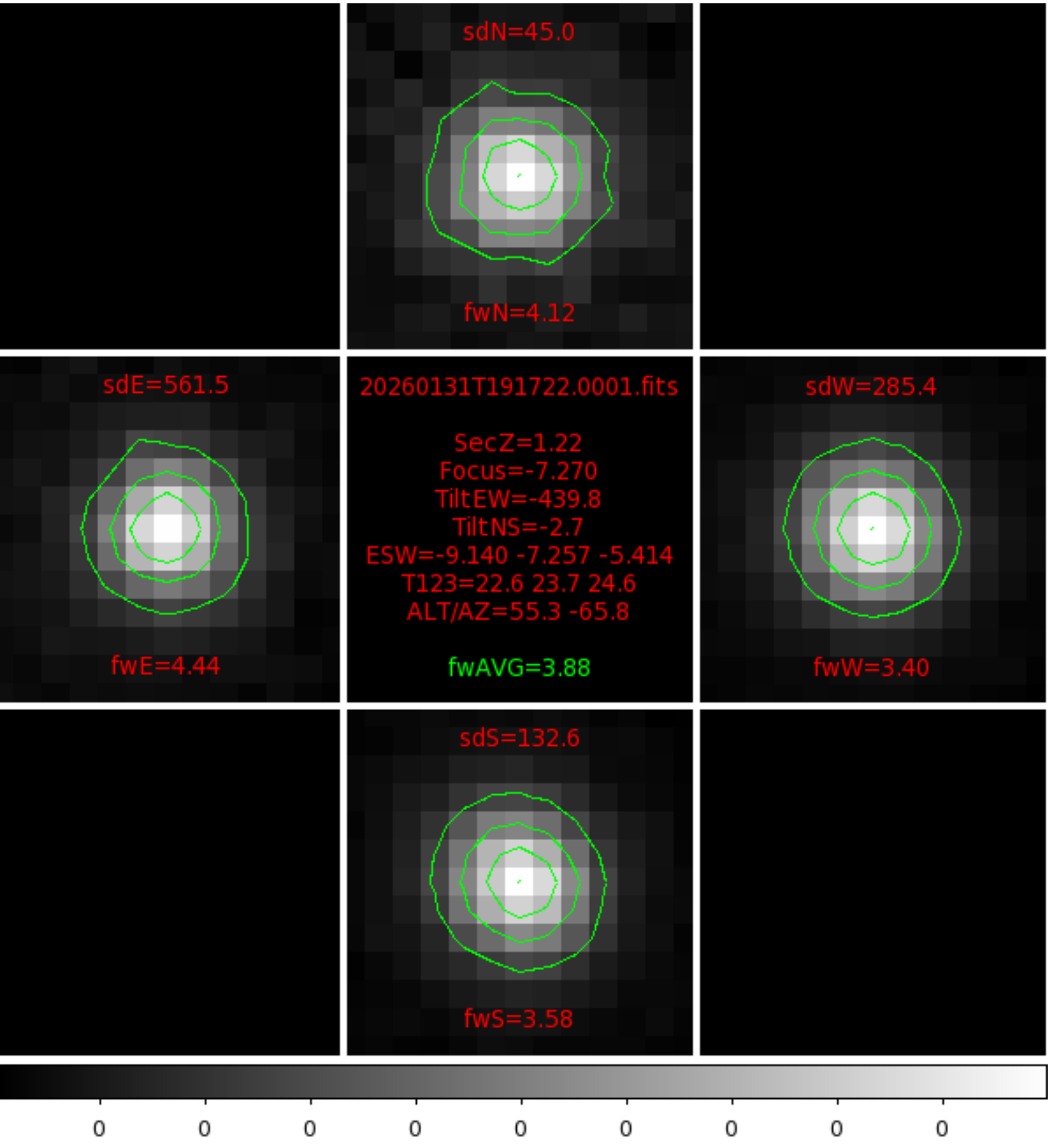
sdN=45.0
fwN=4.12
sdE=561.5
fwE=4.44
20260131T191722.0001.fits
SecZ=1.22
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.6 23.7 24.6
ALT/AZ=55.3 -65.8
fwAVG=3.88
sdW=285.4
fwW=3.40
sdS=132.6
fwS=3.58
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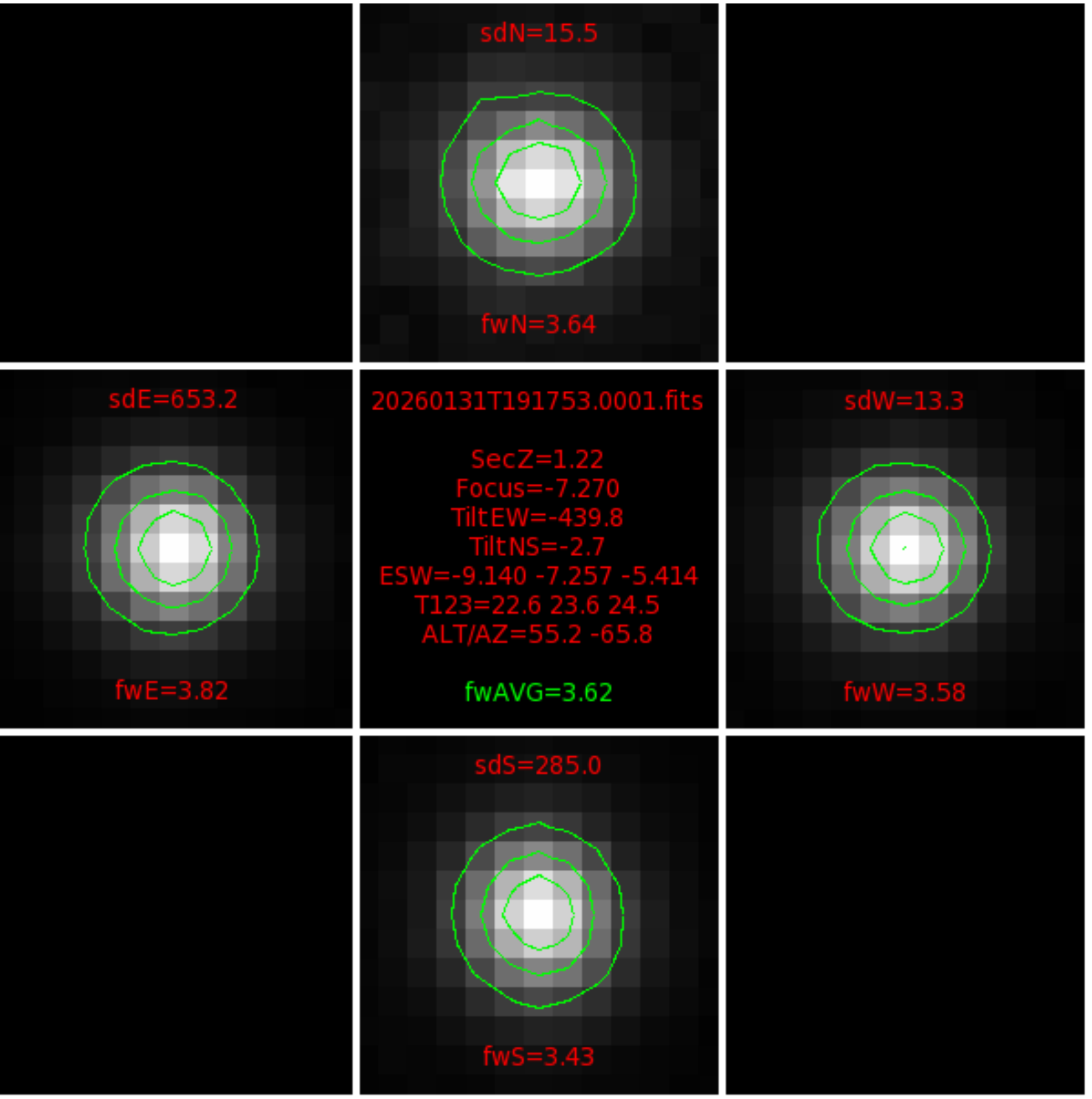
sdN=15.5
fwN=3.64
sdE=653.2
fwE=3.82
20260131T191753.0001.fits
SecZ=1.22
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.6 23.6 24.5
ALT/AZ=55.2 -65.8
fwAVG=3.62
sdW=13.3
fwW=3.58
sdS=285.0
fwS=3.43
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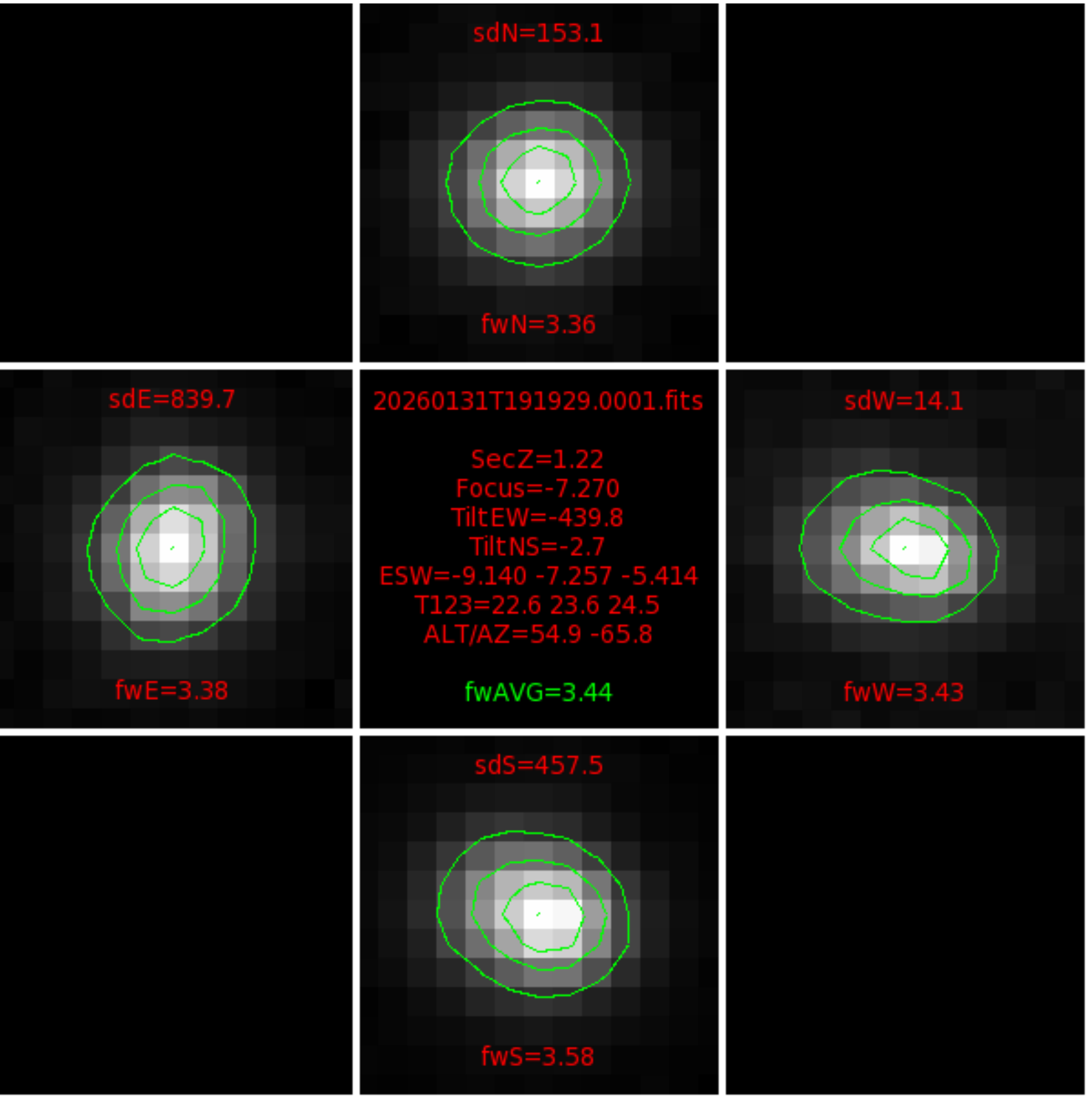
sdN=153.1
fwN=3.36
sdE=839.7
fwE=3.38
20260131T191929.0001.fits
SecZ=1.22
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.6 23.6 24.5
ALT/AZ=54.9 -65.8
fwAVG=3.44
sdW=14.1
fwW=3.43
sdS=457.5
fwS=3.58
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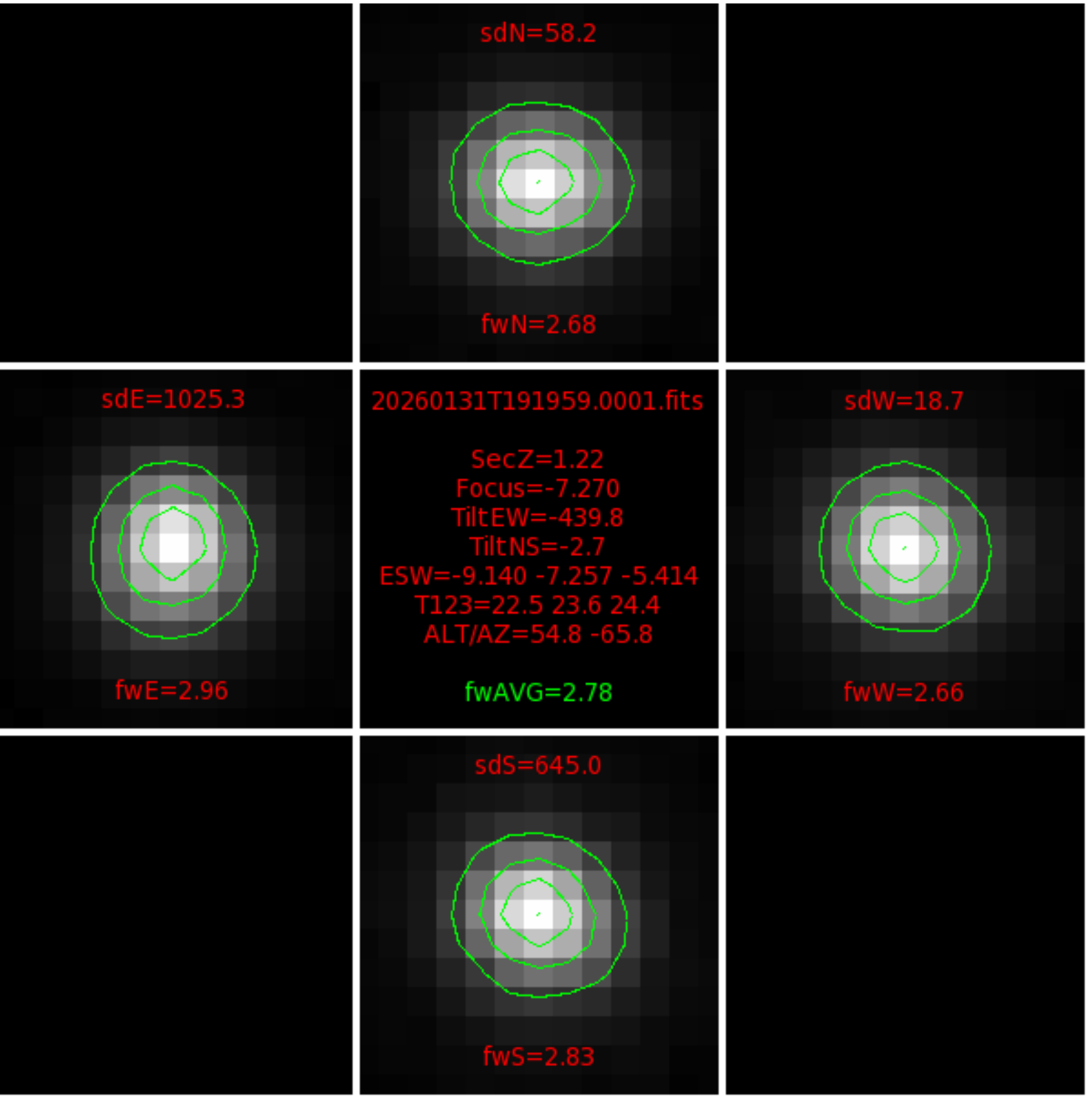
sdN=58.2
fwN=2.68
sdE=1025.3
fwE=2.96
20260131T191959.0001.fits
SecZ=1.22
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.5 23.6 24.4
ALT/AZ=54.8 -65.8
fwAVG=2.78
sdW=18.7
fwW=2.66
sdS=645.0
fwS=2.83
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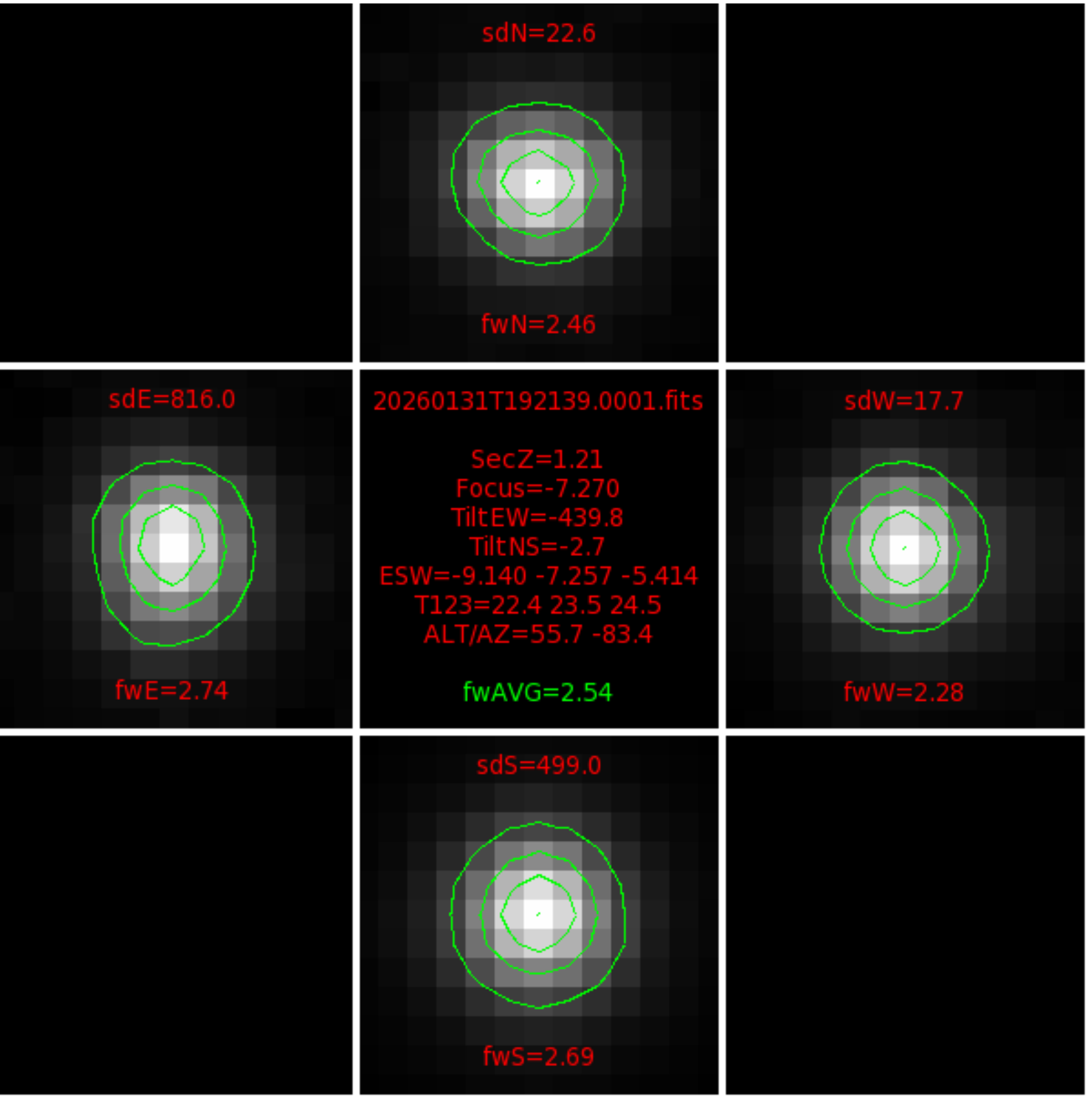
sdN=22.6
fwN=2.46
sdE=816.0
fwE=2.74
20260131T192139.0001.fits
SecZ=1.21
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.4 23.5 24.5
ALT/AZ=55.7 -83.4
fwAVG=2.54
sdW=17.7
fwW=2.28
sdS=499.0
fwS=2.69
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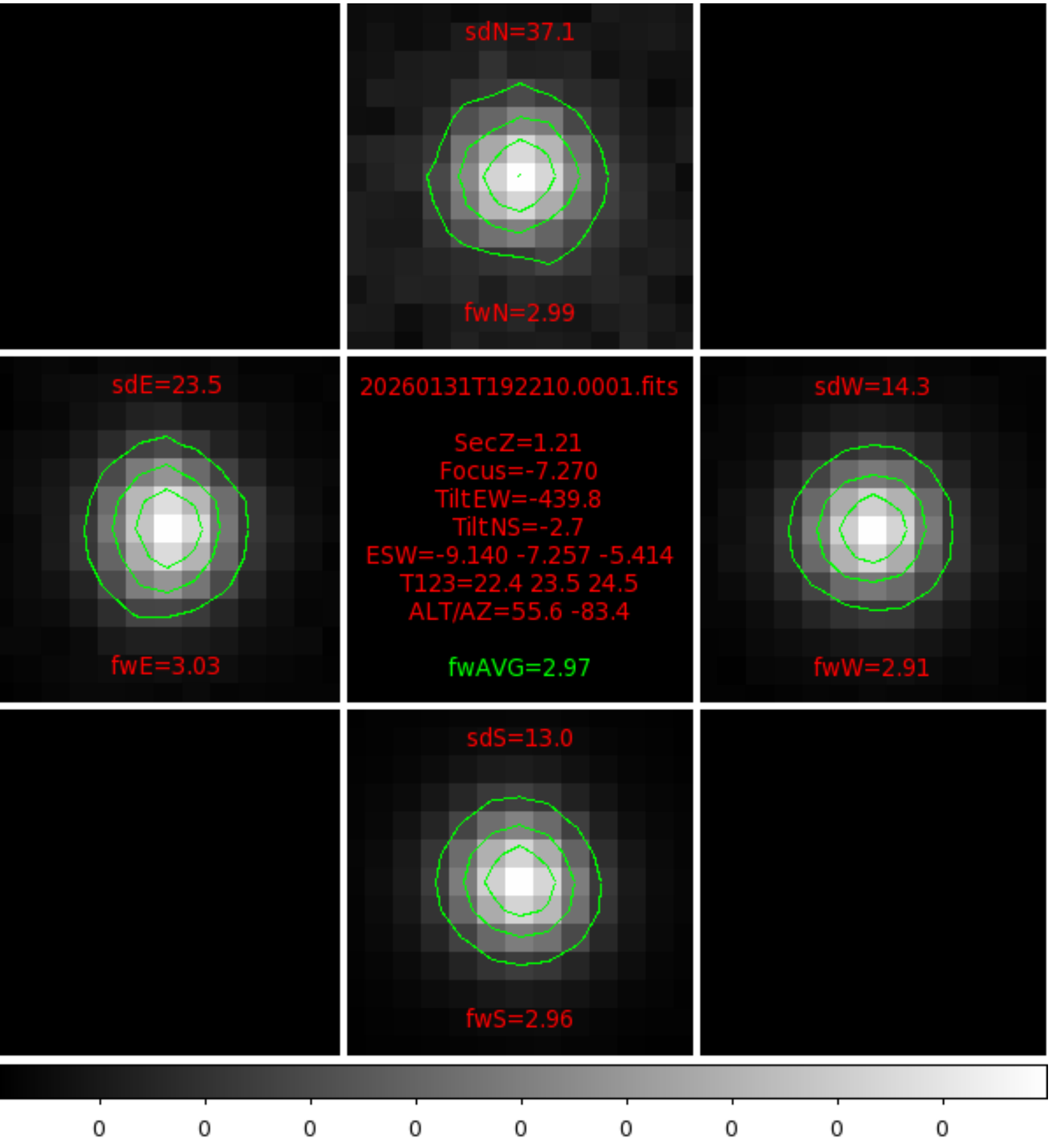
sdN=37.1
fwN=2.99
sdE=23.5
fwE=3.03
20260131T192210.0001.fits
SecZ=1.21
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.4 23.5 24.5
ALT/AZ=55.6 -83.4
fwAVG=2.97
sdW=14.3
fwW=2.91
sdS=13.0
fwS=2.96
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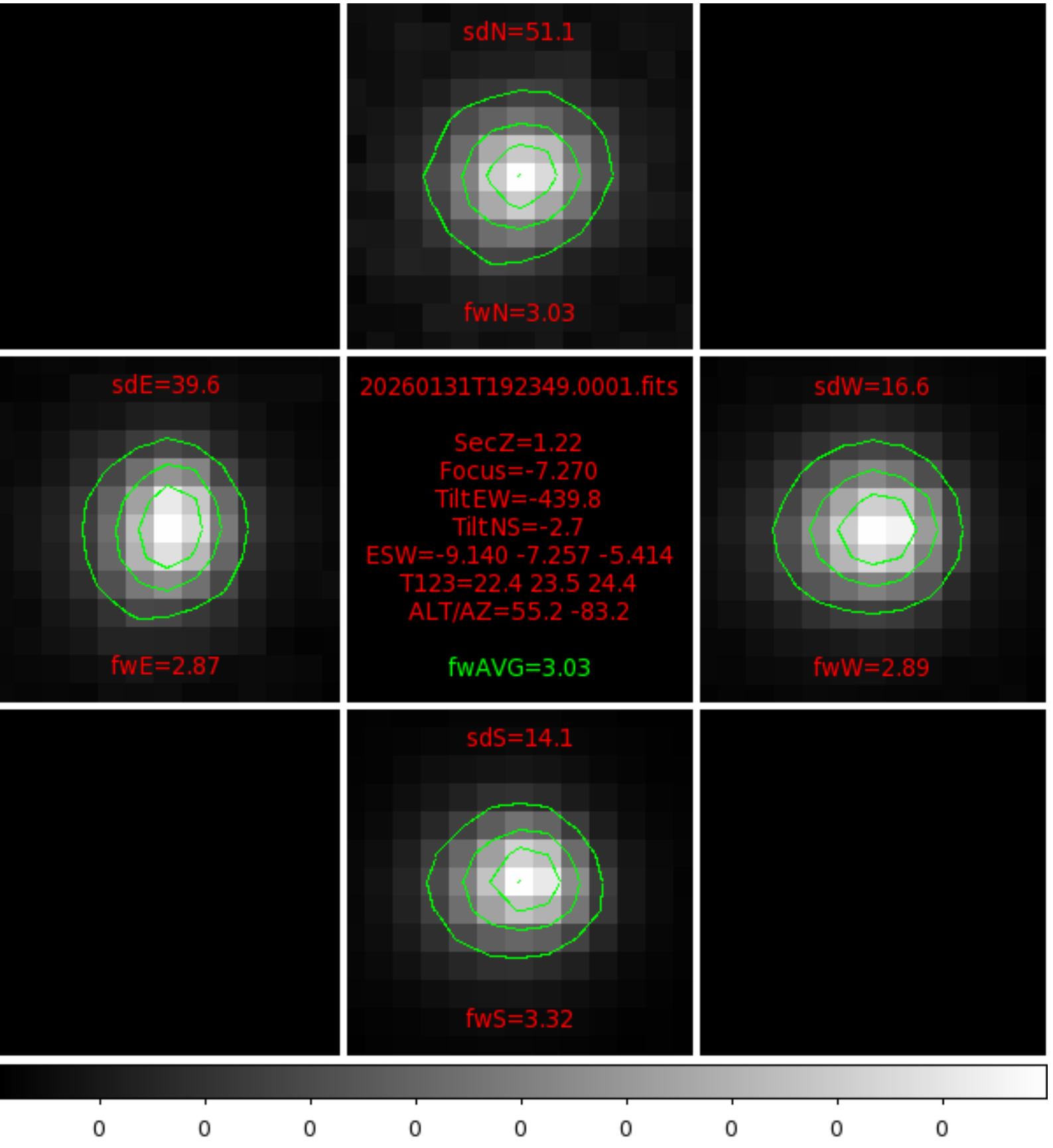
sdN=51.1
fwN=3.03
sdE=39.6
fwE=2.87
20260131T192349.0001.fits
SecZ=1.22
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.4 23.5 24.4
ALT/AZ=55.2 -83.2
fwAVG=3.03
sdW=16.6
fwW=2.89
sdS=14.1
fwS=3.32
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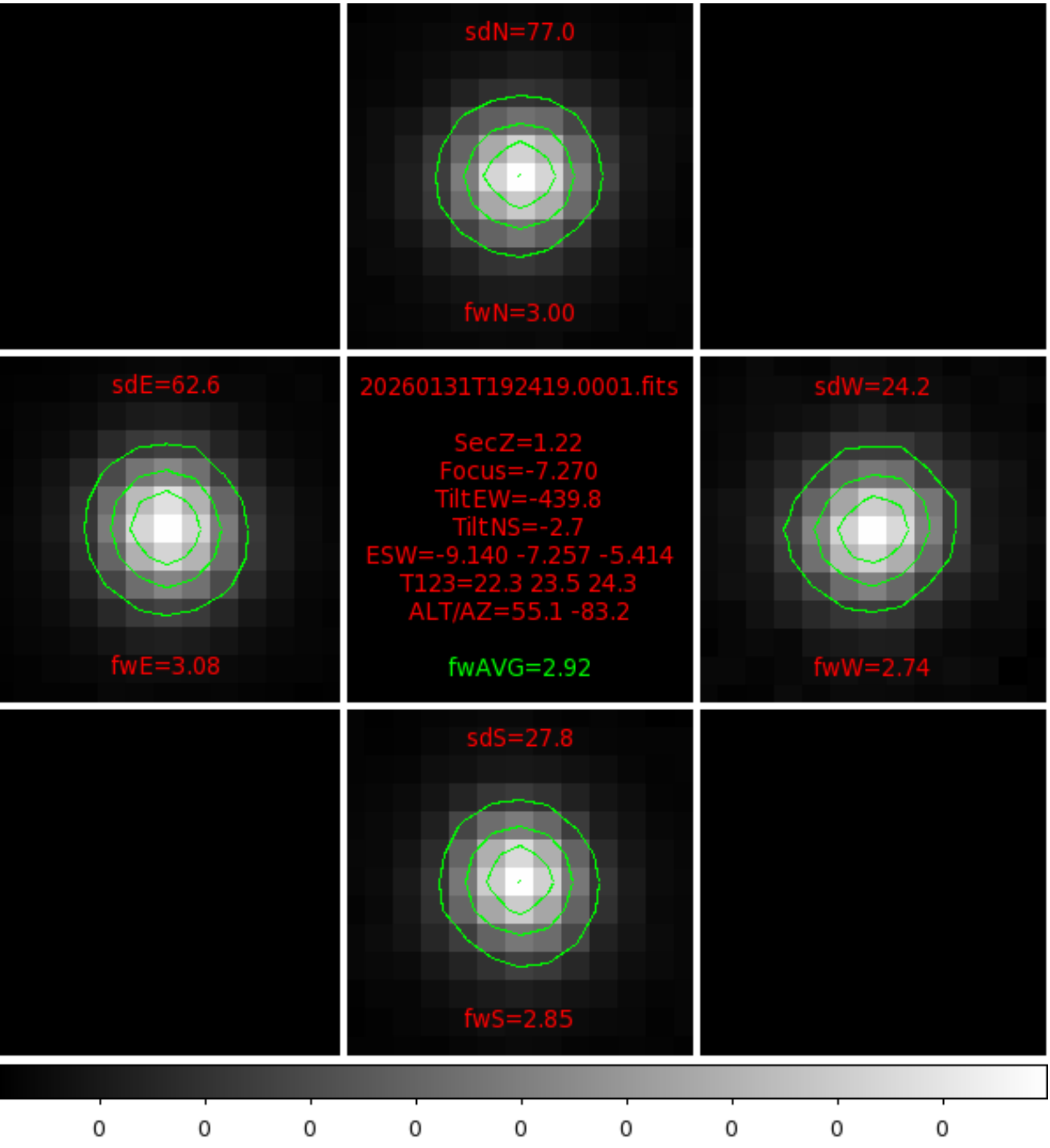
sdN=77.0
fwN=3.00
sdE=62.6
fwE=3.08
20260131T192419.0001.fits
SecZ=1.22
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.3 23.5 24.3
ALT/AZ=55.1 -83.2
fwAVG=2.92
sdW=24.2
fwW=2.74
sdS=27.8
fwS=2.85
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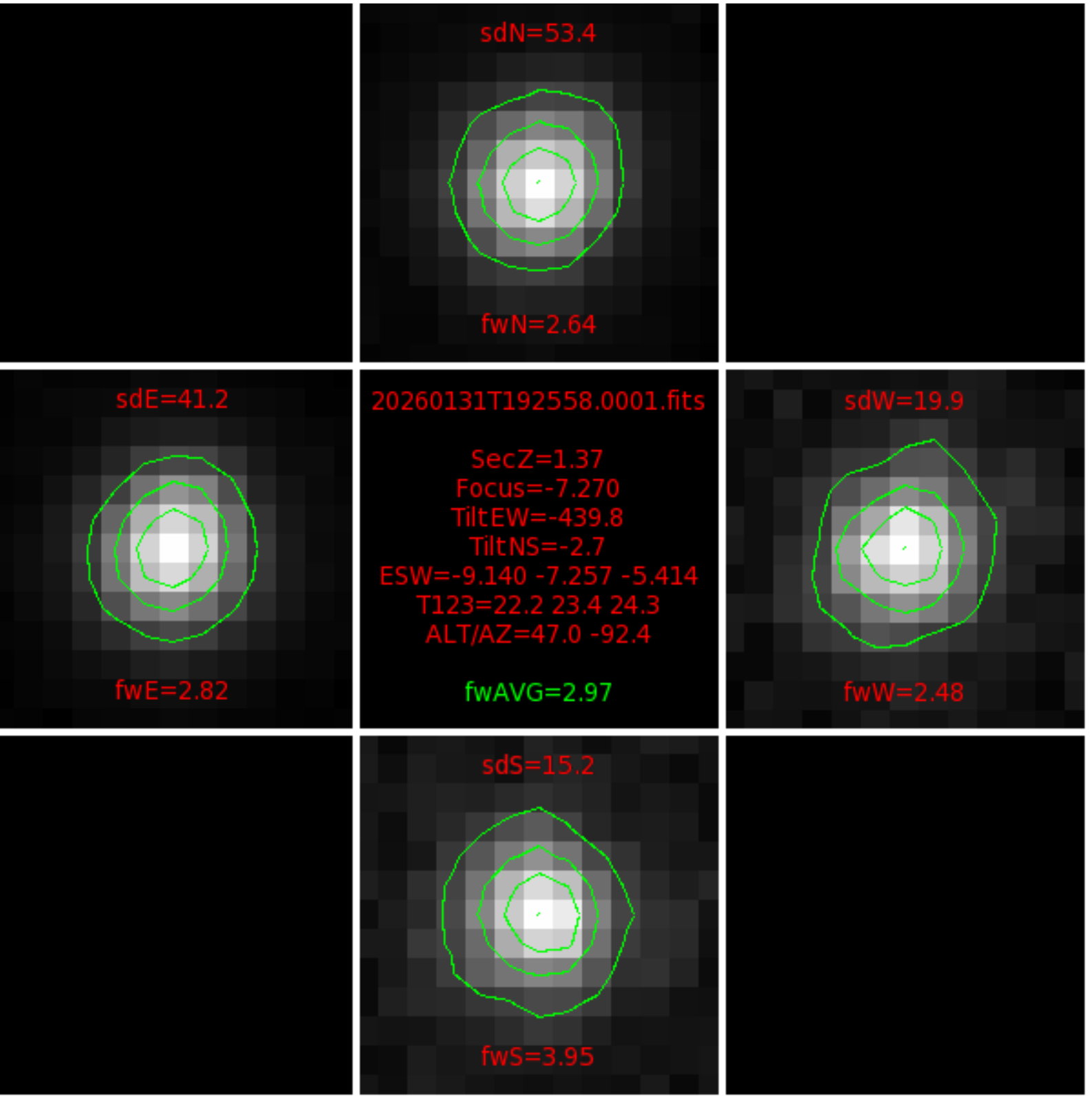
sdN=53.4
fwN=2.64
sdE=41.2
fwE=2.82
20260131T192558.0001.fits
SecZ=1.37
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.2 23.4 24.3
ALT/AZ=47.0 -92.4
fwAVG=2.97
sdW=19.9
fwW=2.48
sdS=15.2
fwS=3.95
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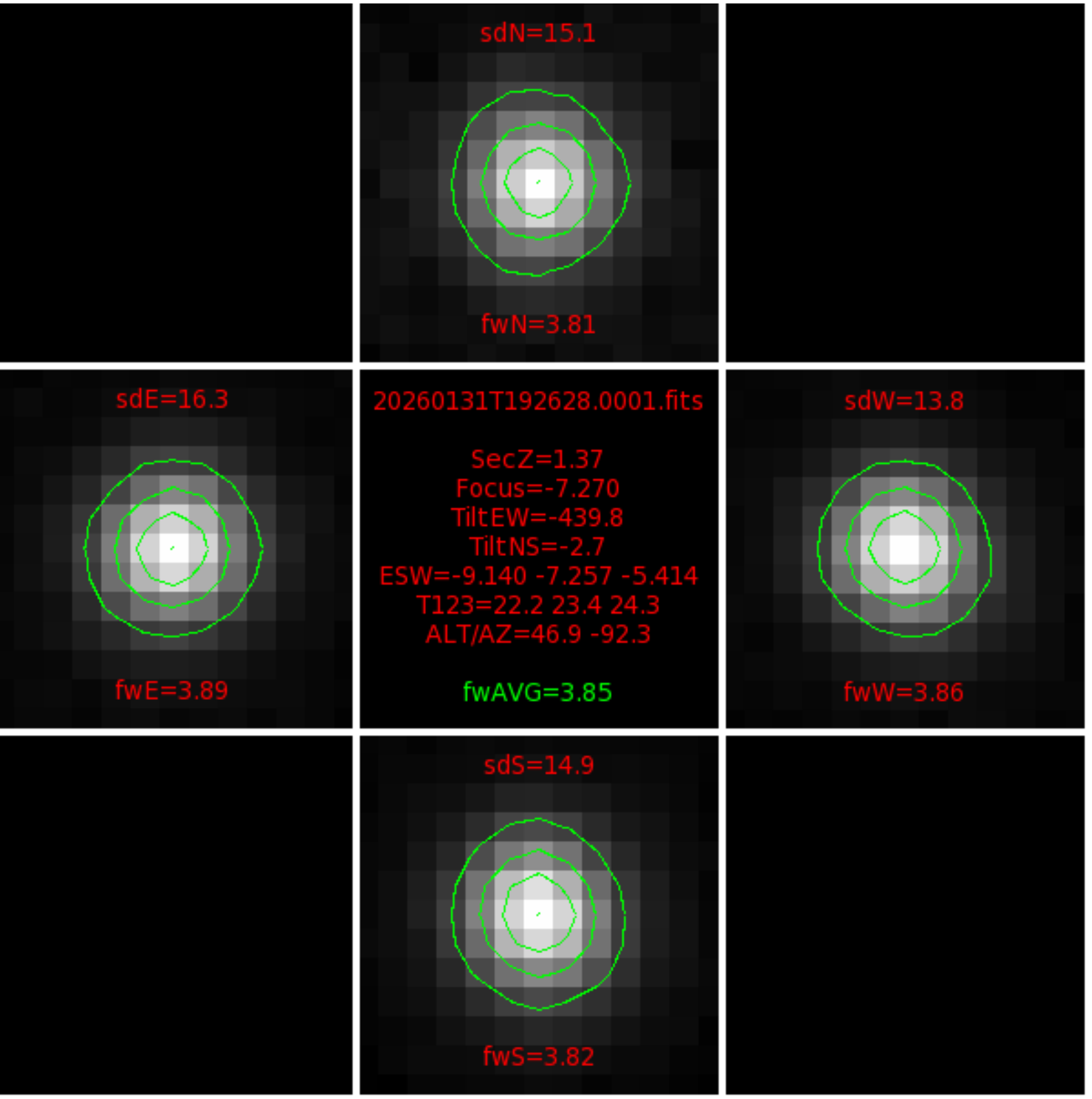
sdN=15.1
fwN=3.81
sdE=16.3
fwE=3.89
20260131T192628.0001.fits
SecZ=1.37
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.2 23.4 24.3
ALT/AZ=46.9 -92.3
fwAVG=3.85
sdW=13.8
fwW=3.86
sdS=14.9
fwS=3.82
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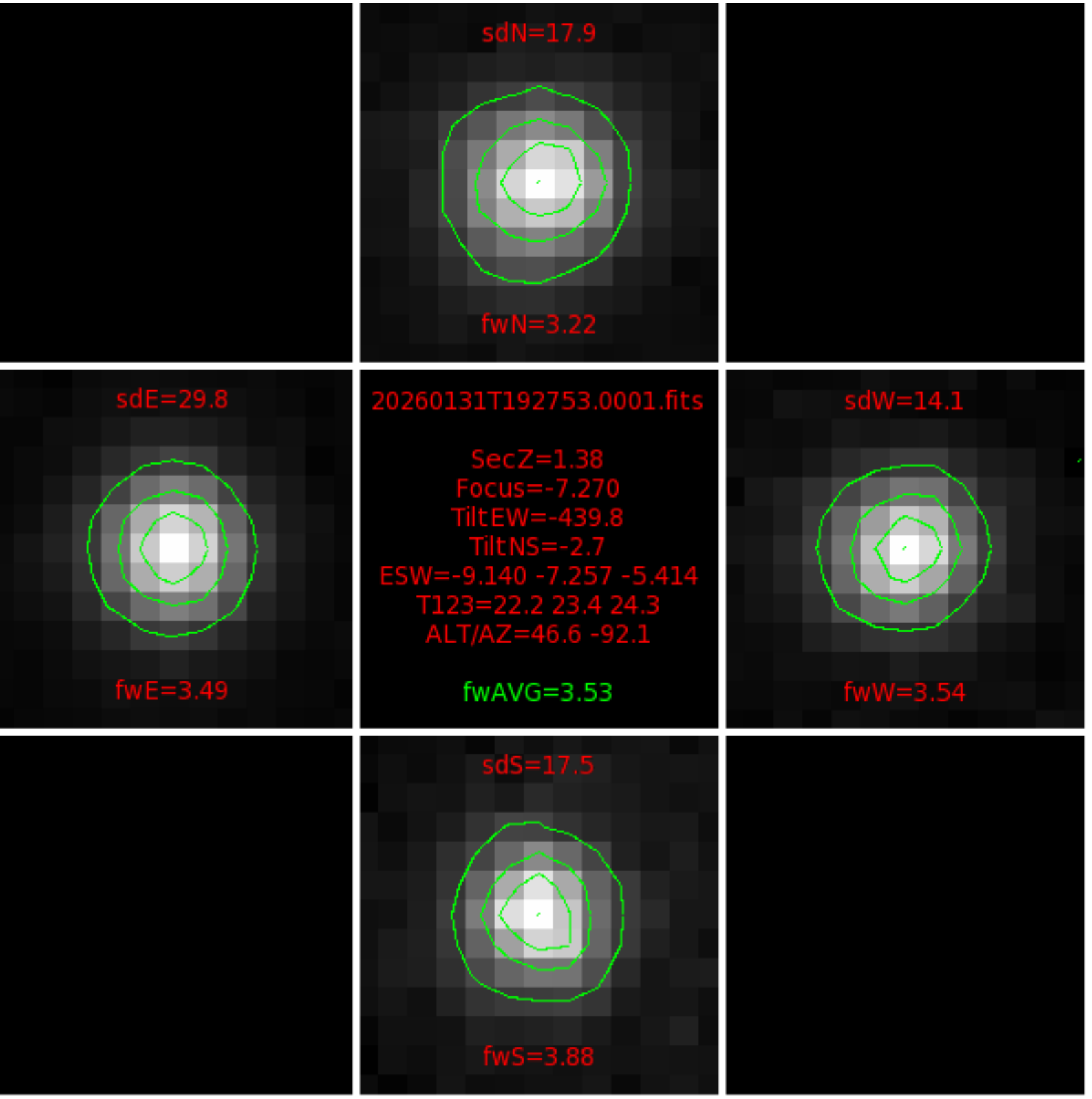
sdN=17.9
fwN=3.22
sdE=29.8
fwE=3.49
20260131T192753.0001.fits
SecZ=1.38
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.2 23.4 24.3
ALT/AZ=46.6 -92.1
fwAVG=3.53
sdW=14.1
fwW=3.54
sdS=17.5
fwS=3.88
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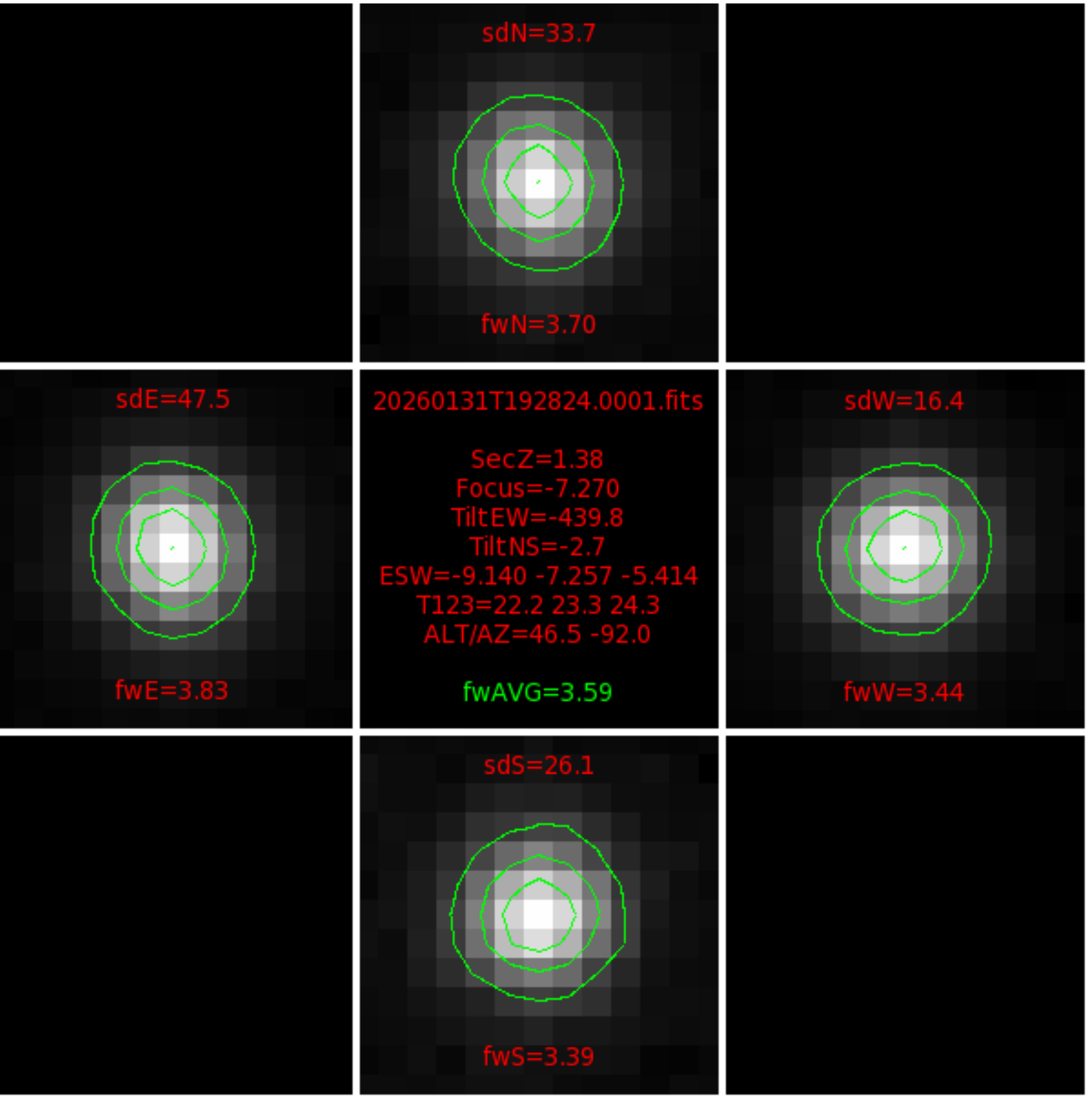
sdN=33.7
fwN=3.70
sdE=47.5
fwE=3.83
20260131T192824.0001.fits
SecZ=1.38
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.2 23.3 24.3
ALT/AZ=46.5 -92.0
fwAVG=3.59
sdW=16.4
fwW=3.44
sdS=26.1
fwS=3.39
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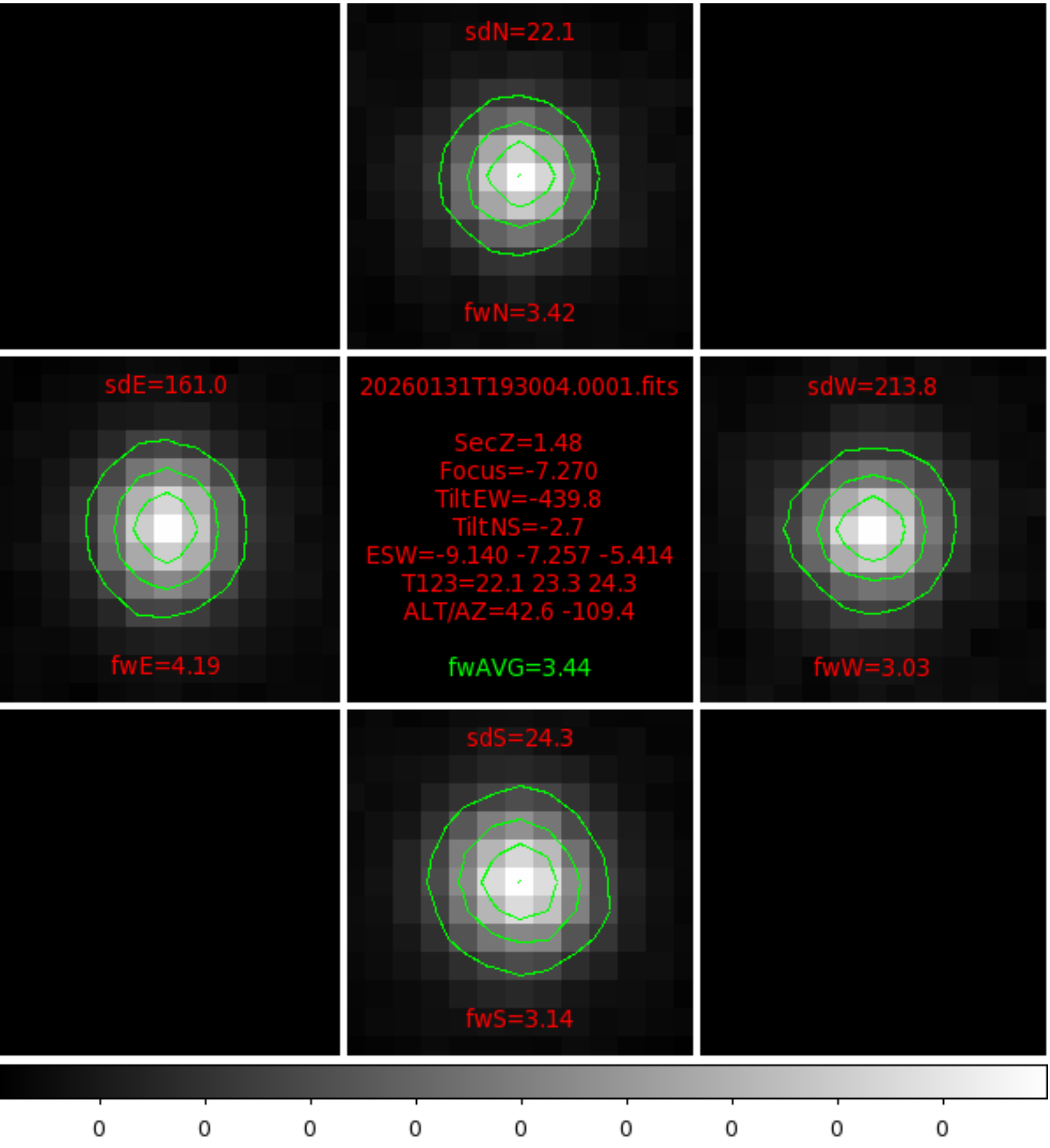
sdN=22.1
fwN=3.42
sdE=161.0
fwE=4.19
20260131T193004.0001.fits
SecZ=1.48
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.1 23.3 24.3
ALT/AZ=42.6 -109.4
fwAVG=3.44
sdW=213.8
fwW=3.03
sdS=24.3
fwS=3.14
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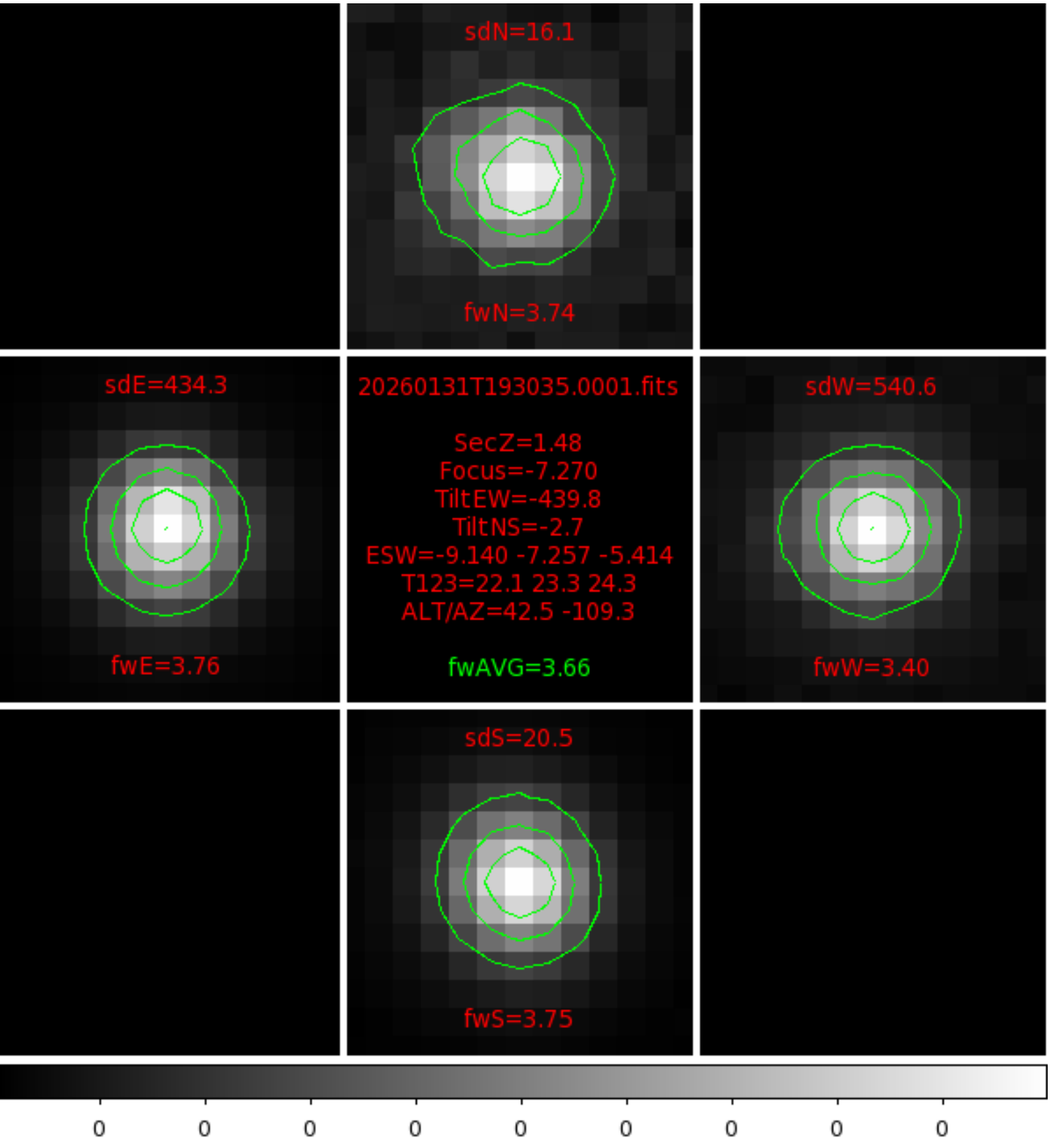
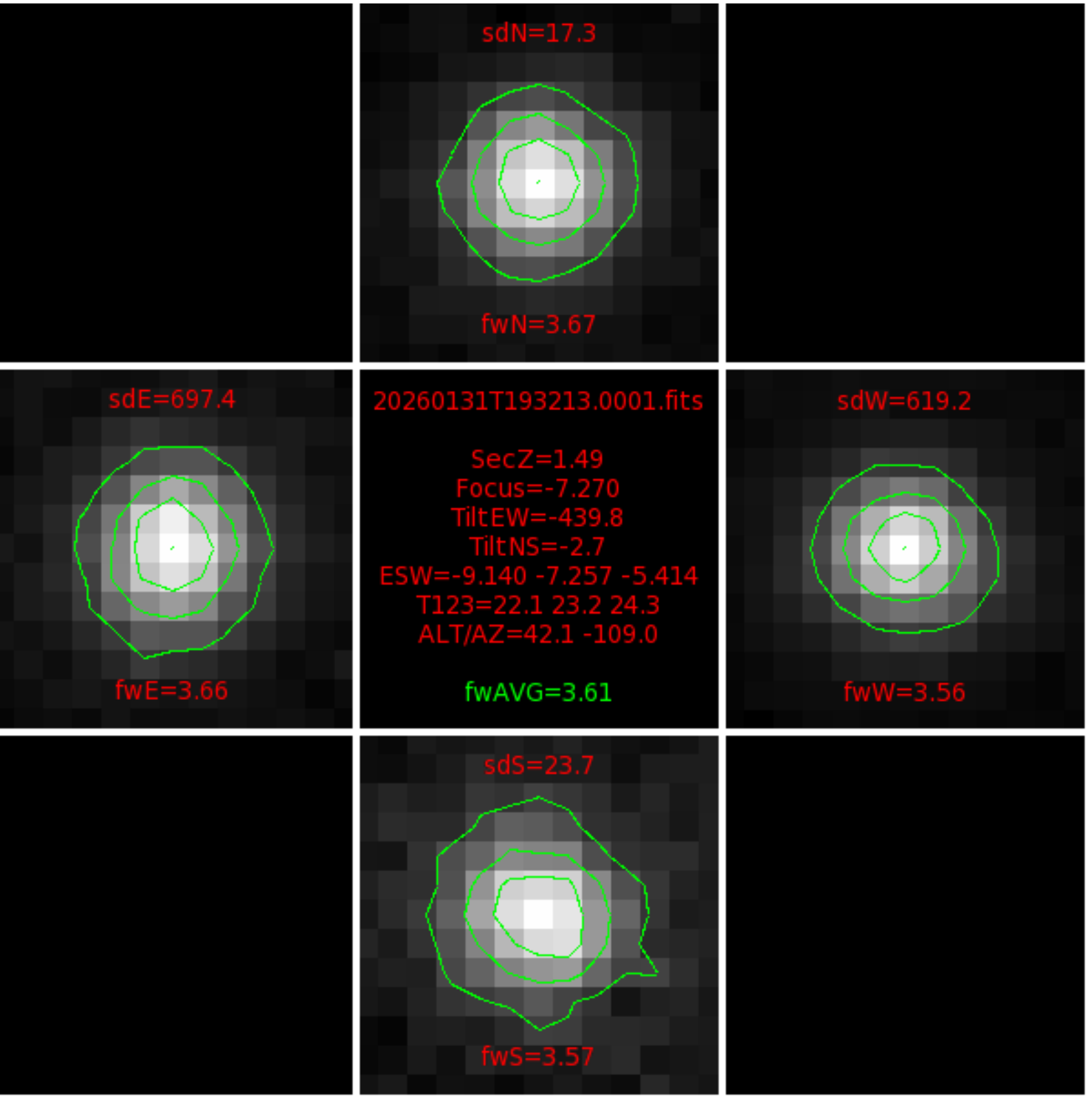
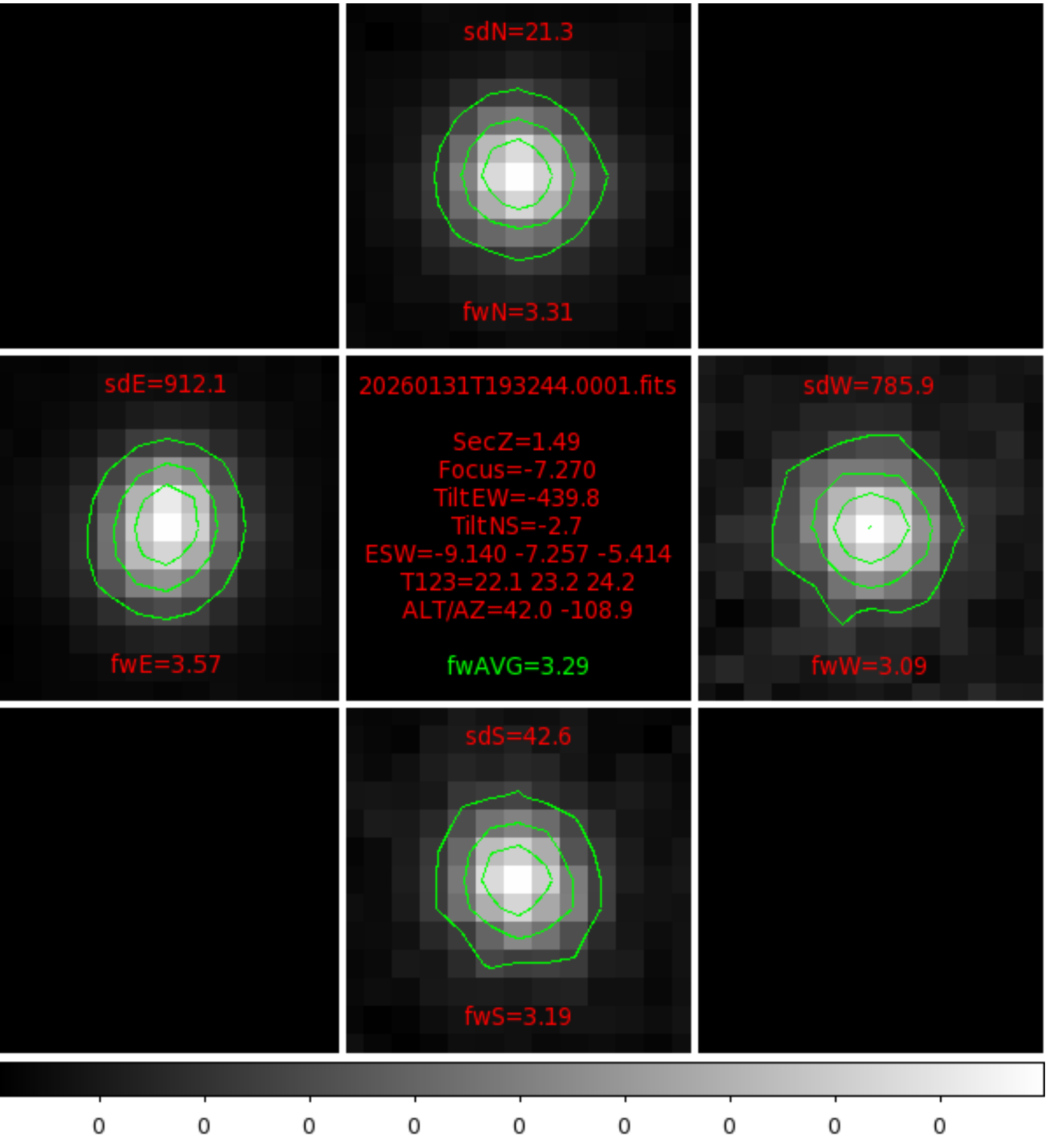

sdN=16.1
fwN=3.74
sdE=434.3
fwE=3.76
20260131T193035.0001.fits
SecZ=1.48
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.1 23.3 24.3
ALT/AZ=42.5 -109.3
fwAVG=3.66
sdW=540.6
fwW=3.40
sdS=20.5
fwS=3.75
0 0 0 0 0 0 0 0 0


sdN=17.3
fwN=3.67
sdE=697.4
fwE=3.66
20260131T193213.0001.fits
SecZ=1.49
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.1 23.2 24.3
ALT/AZ=42.1 -109.0
fwAVG=3.61
sdW=619.2
fwW=3.56
sdS=23.7
fwS=3.57
0 0 0 0 0 0 0 0 0


sdN=21.3
fwN=3.31
sdE=912.1
fwE=3.57
20260131T193244.0001.fits
SecZ=1.49
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.1 23.2 24.2
ALT/AZ=42.0 -108.9
fwAVG=3.29
sdW=785.9
fwW=3.09
sdS=42.6
fwS=3.19
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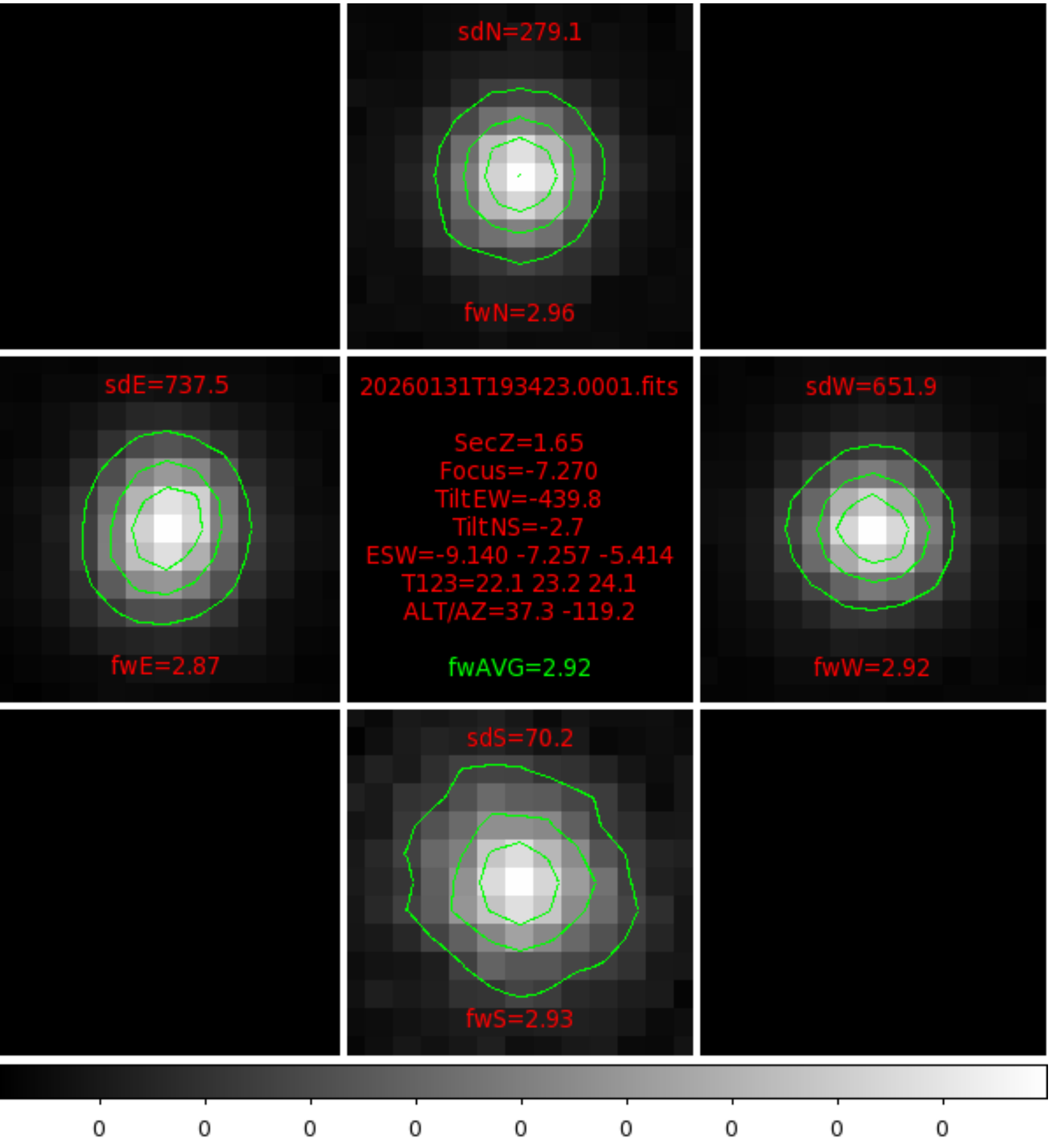
sdN=279.1
fwN=2.96
sdE=737.5
fwE=2.87
20260131T193423.0001.fits
SecZ=1.65
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.1 23.2 24.1
ALT/AZ=37.3 -119.2
fwAVG=2.92
sdW=651.9
fwW=2.92
sdS=70.2
fwS=2.93
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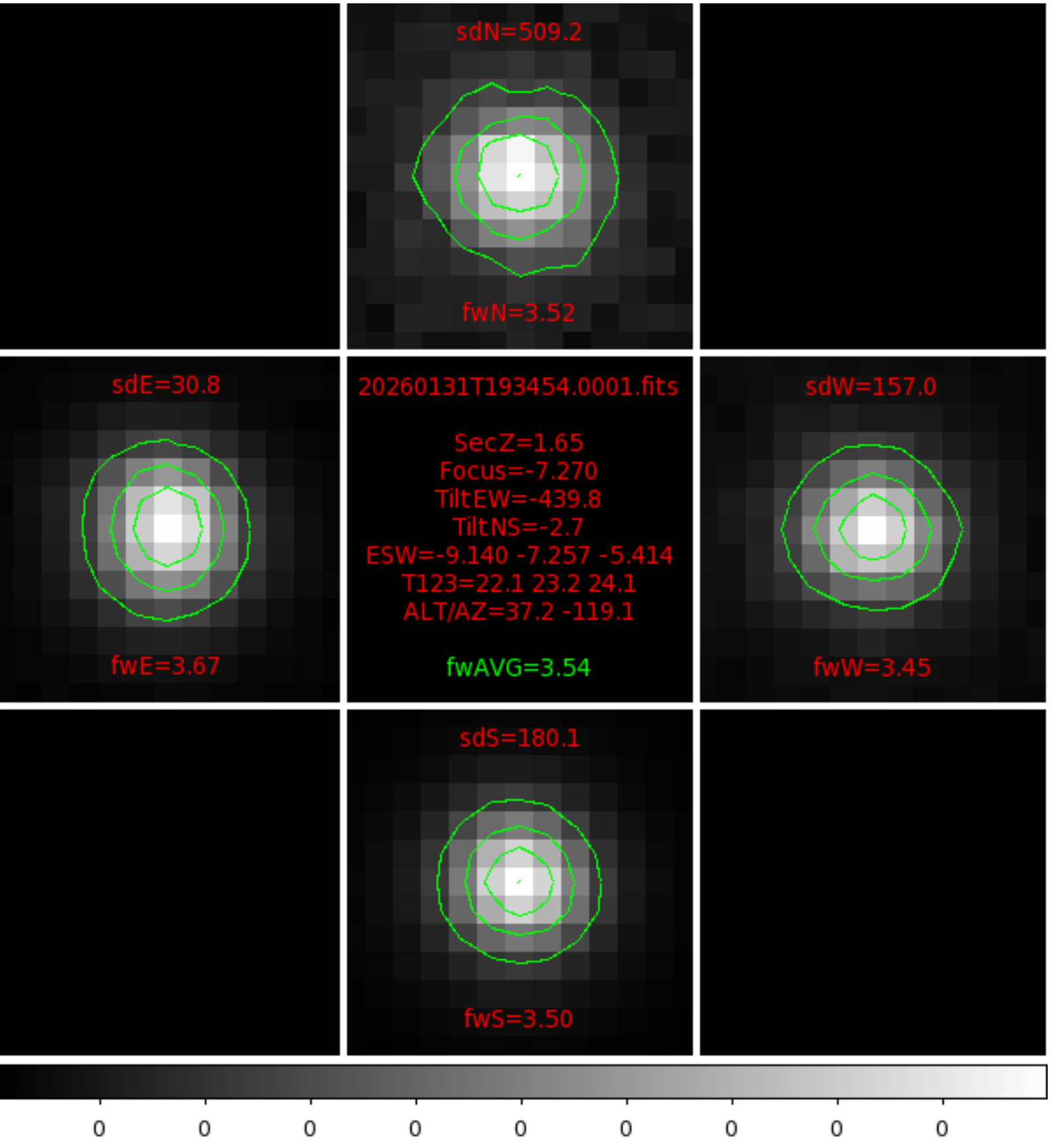
sdN=509.2
fwN=3.52
sdE=30.8
fwE=3.67
20260131T193454.0001.fits
SecZ=1.65
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.1 23.2 24.1
ALT/AZ=37.2 -119.1
fwAVG=3.54
sdW=157.0
fwW=3.45
sdS=180.1
fwS=3.50
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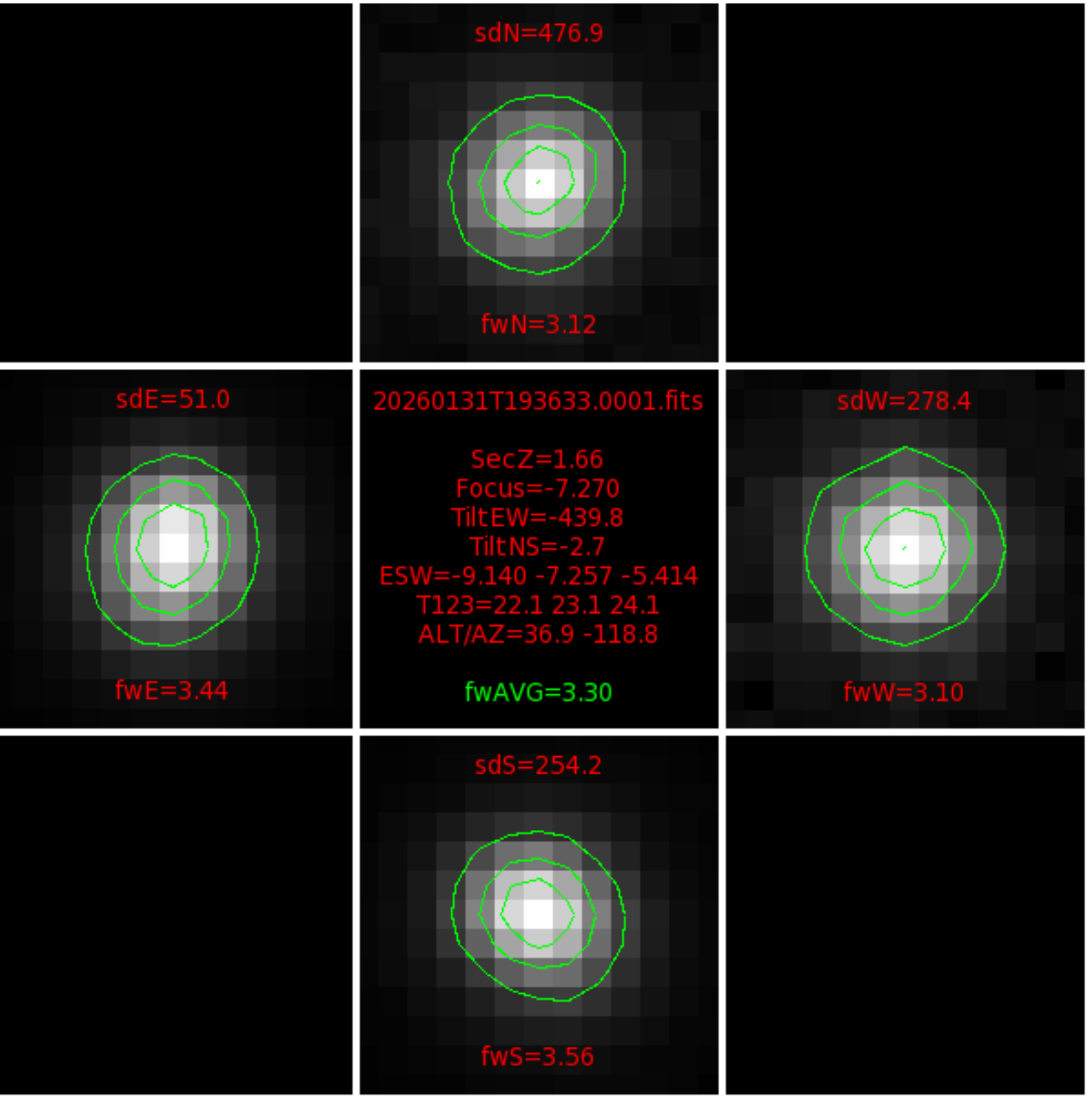
sdN=476.9
fwN=3.12
sdE=51.0
fwE=3.44
20260131T193633.0001.fits
SecZ=1.66
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.1 23.1 24.1
ALT/AZ=36.9 -118.8
fwAVG=3.30
sdW=278.4
fwW=3.10
sdS=254.2
fwS=3.56
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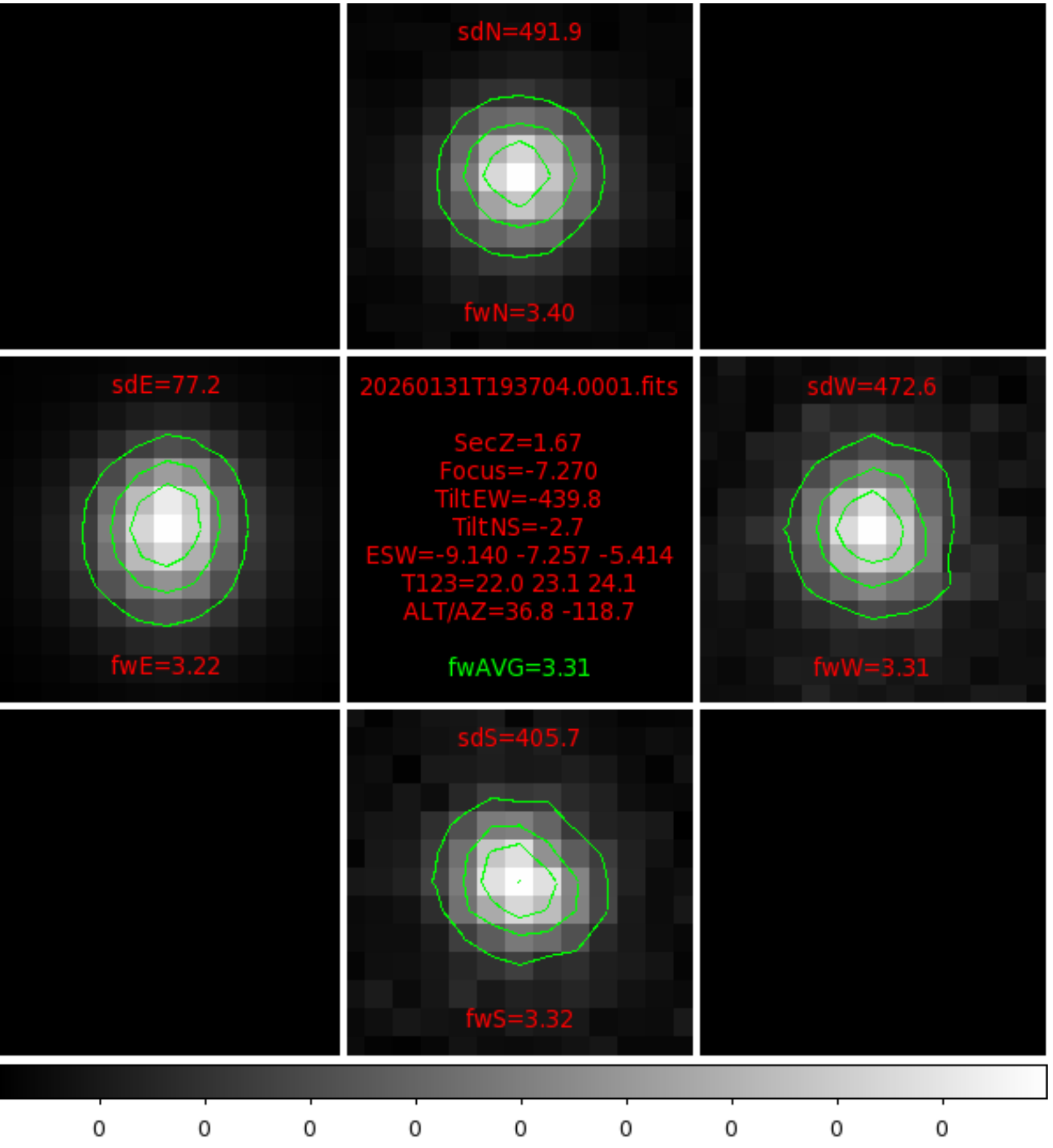
sdN=491.9
fwN=3.40
sdE=77.2
fwE=3.22
20260131T193704.0001.fits
SecZ=1.67
Focus=-7.270
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.140 -7.257 -5.414
T123=22.0 23.1 24.1
ALT/AZ=36.8 -118.7
fwAVG=3.31
sdW=472.6
fwW=3.31
sdS=405.7
fwS=3.32
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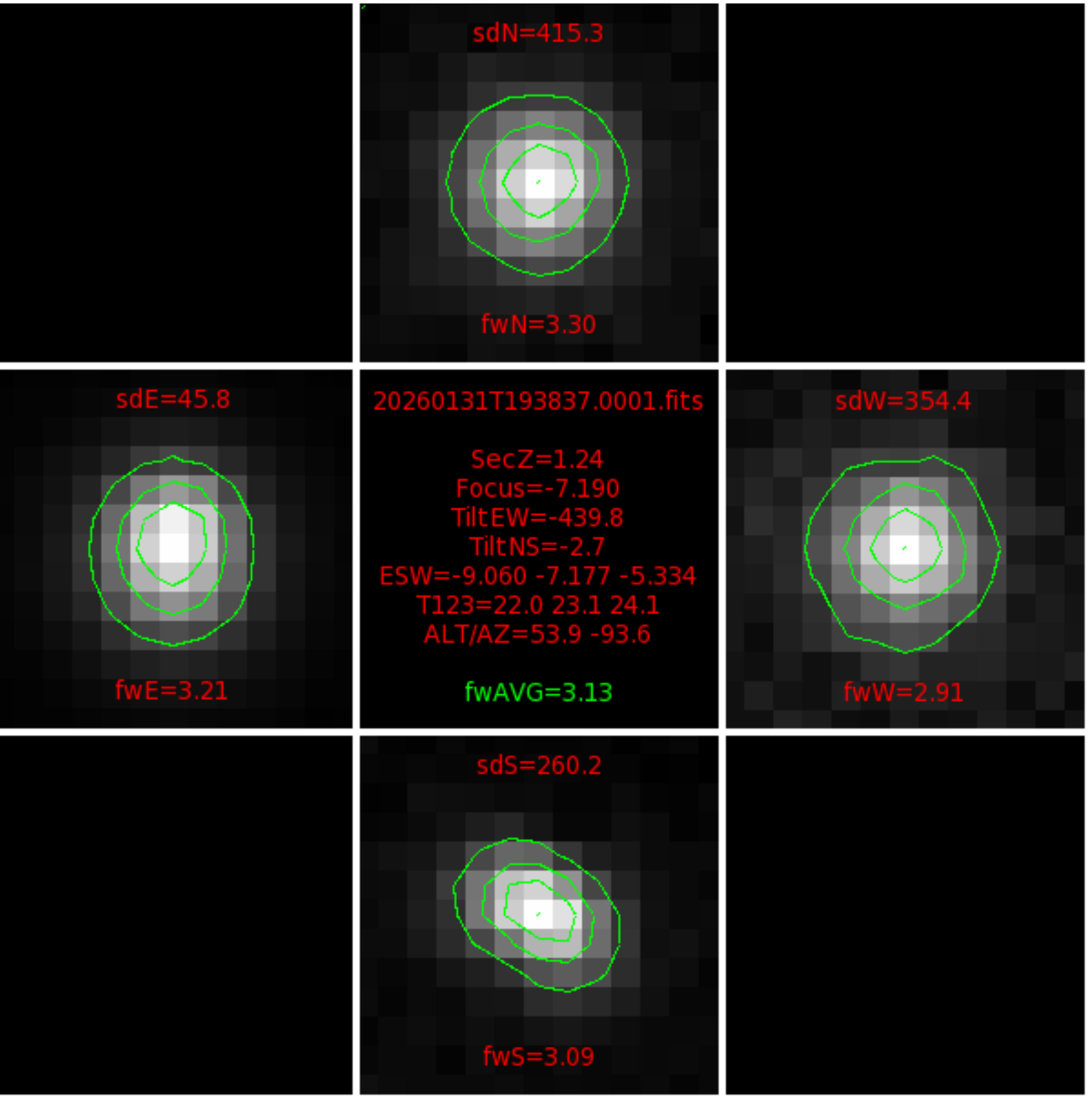
sdN=415.3
fwN=3.30
sdE=45.8
fwE=3.21
20260131T193837.0001.fits
SecZ=1.24
Focus=-7.190
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.060 -7.177 -5.334
T123=22.0 23.1 24.1
ALT/AZ=53.9 -93.6
fwAVG=3.13
sdW=354.4
fwW=2.91
sdS=260.2
fwS=3.09
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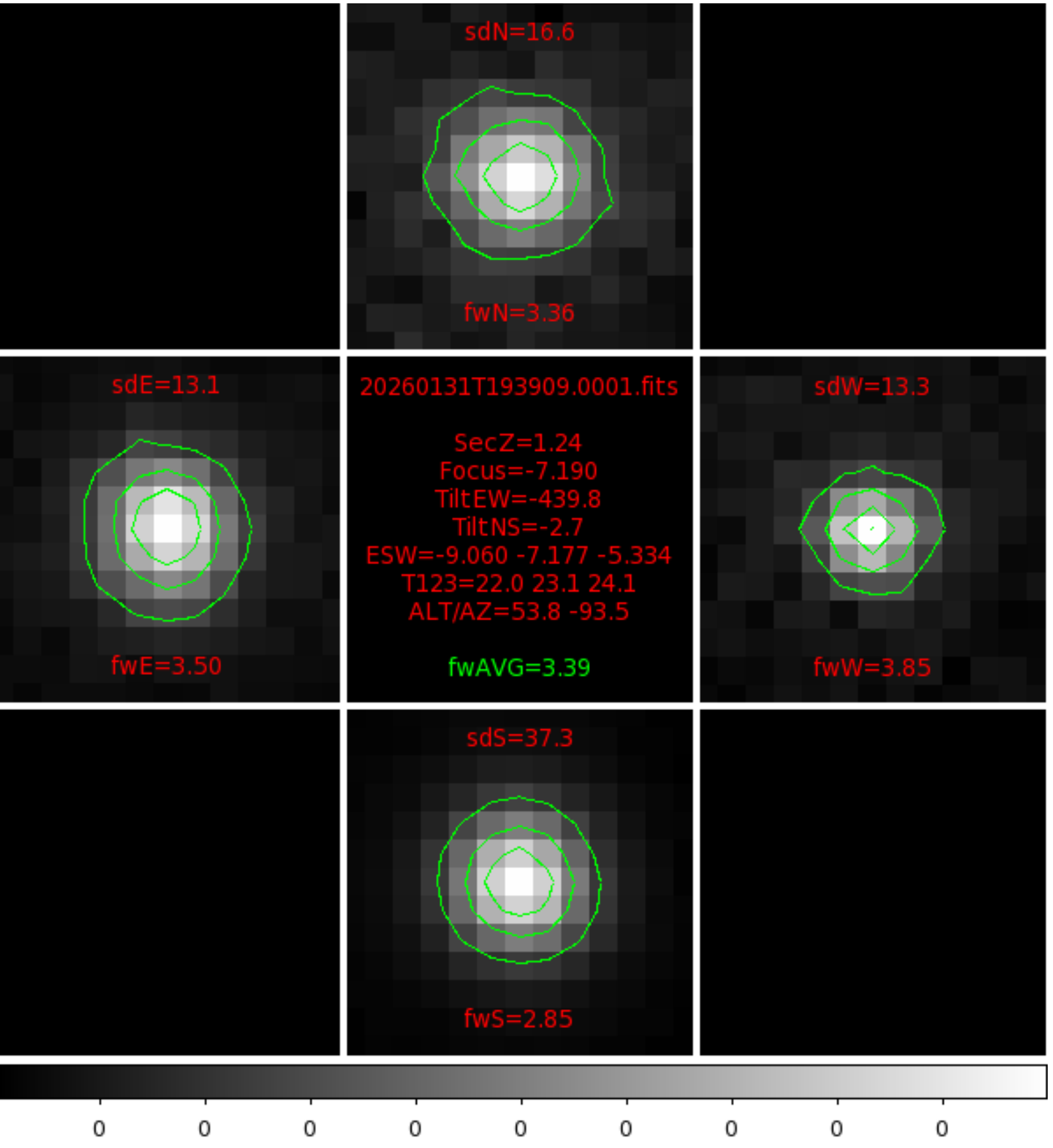
sdN=16.6
fwN=3.36
sdE=13.1
fwE=3.50
20260131T193909.0001.fits
SecZ=1.24
Focus=-7.190
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.060 -7.177 -5.334
T123=22.0 23.1 24.1
ALT/AZ=53.8 -93.5
fwAVG=3.39
sdW=13.3
fwW=3.85
sdS=37.3
fwS=2.85
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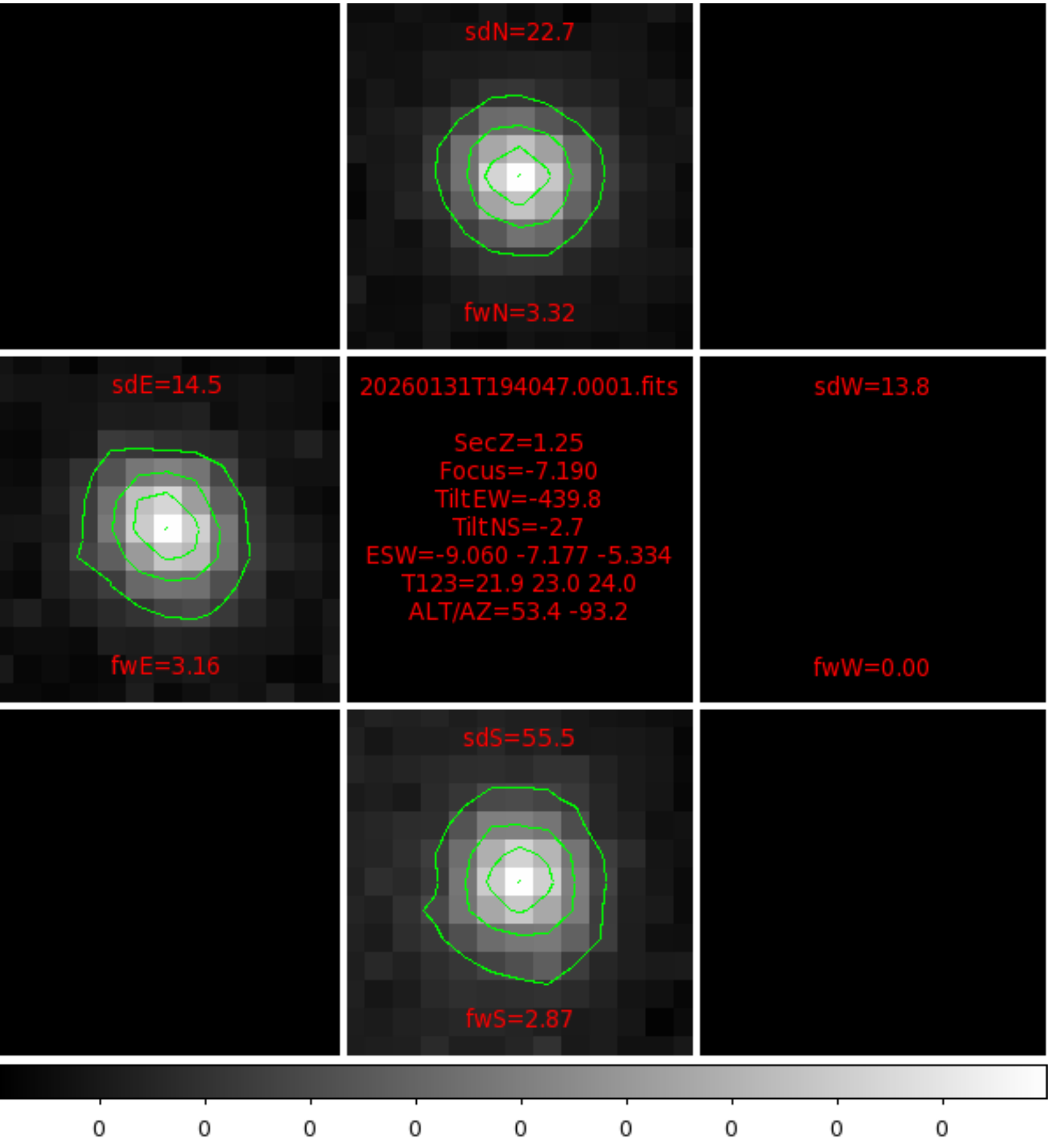
sdN=22.7
fwN=3.32
sdE=14.5
fwE=3.16
20260131T194047.0001.fits
SecZ=1.25
Focus=-7.190
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.060 -7.177 -5.334
T123=21.9 23.0 24.0
ALT/AZ=53.4 -93.2
sdW=13.8
fwW=0.00
sdS=55.5
fwS=2.87
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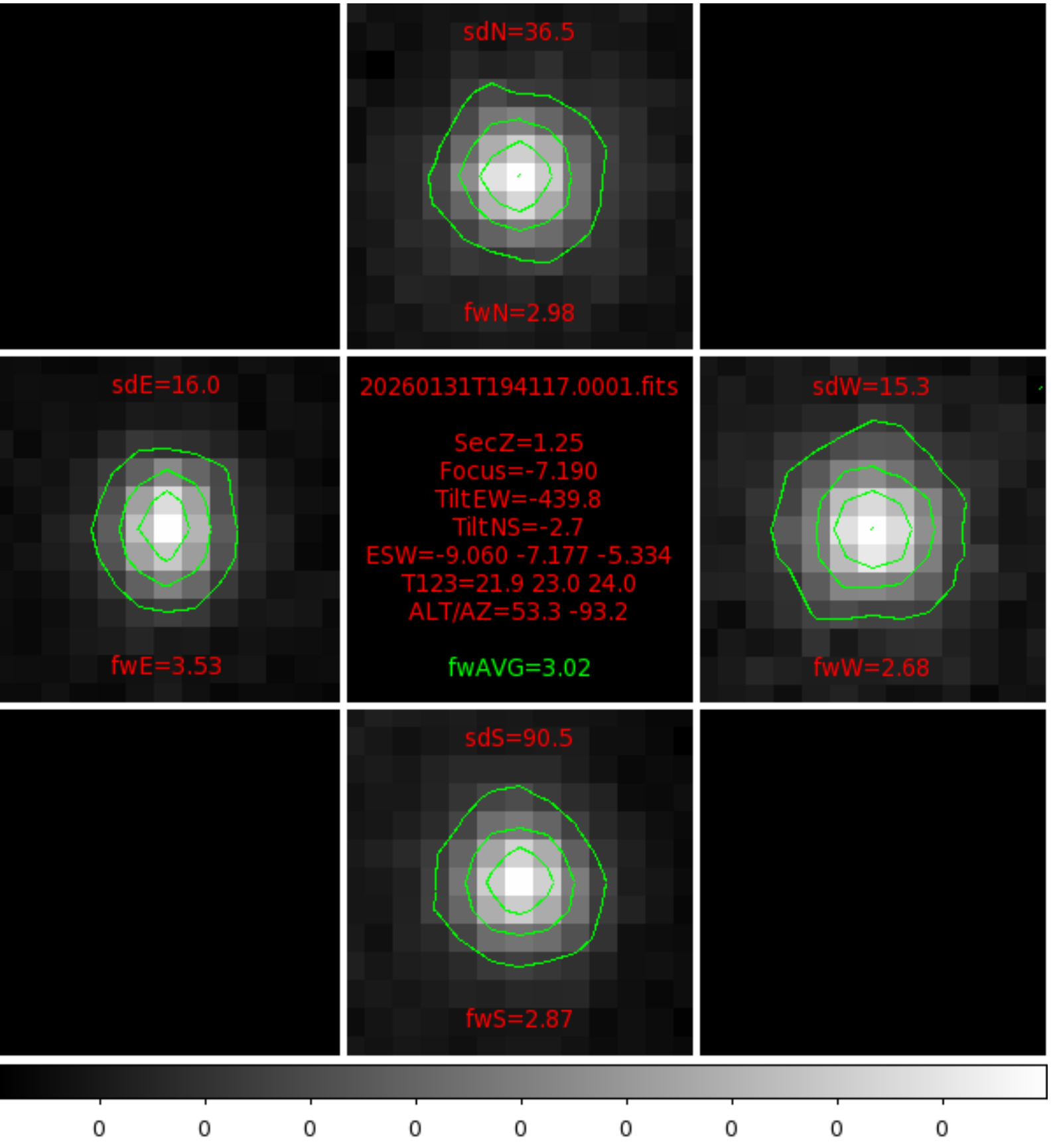
sdN=36.5
fwN=2.98
sdE=16.0
fwE=3.53
20260131T194117.0001.fits
SecZ=1.25
Focus=-7.190
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.060 -7.177 -5.334
T123=21.9 23.0 24.0
ALT/AZ=53.3 -93.2
fwAVG=3.02
sdW=15.3
fwW=2.68
sdS=90.5
fwS=2.87
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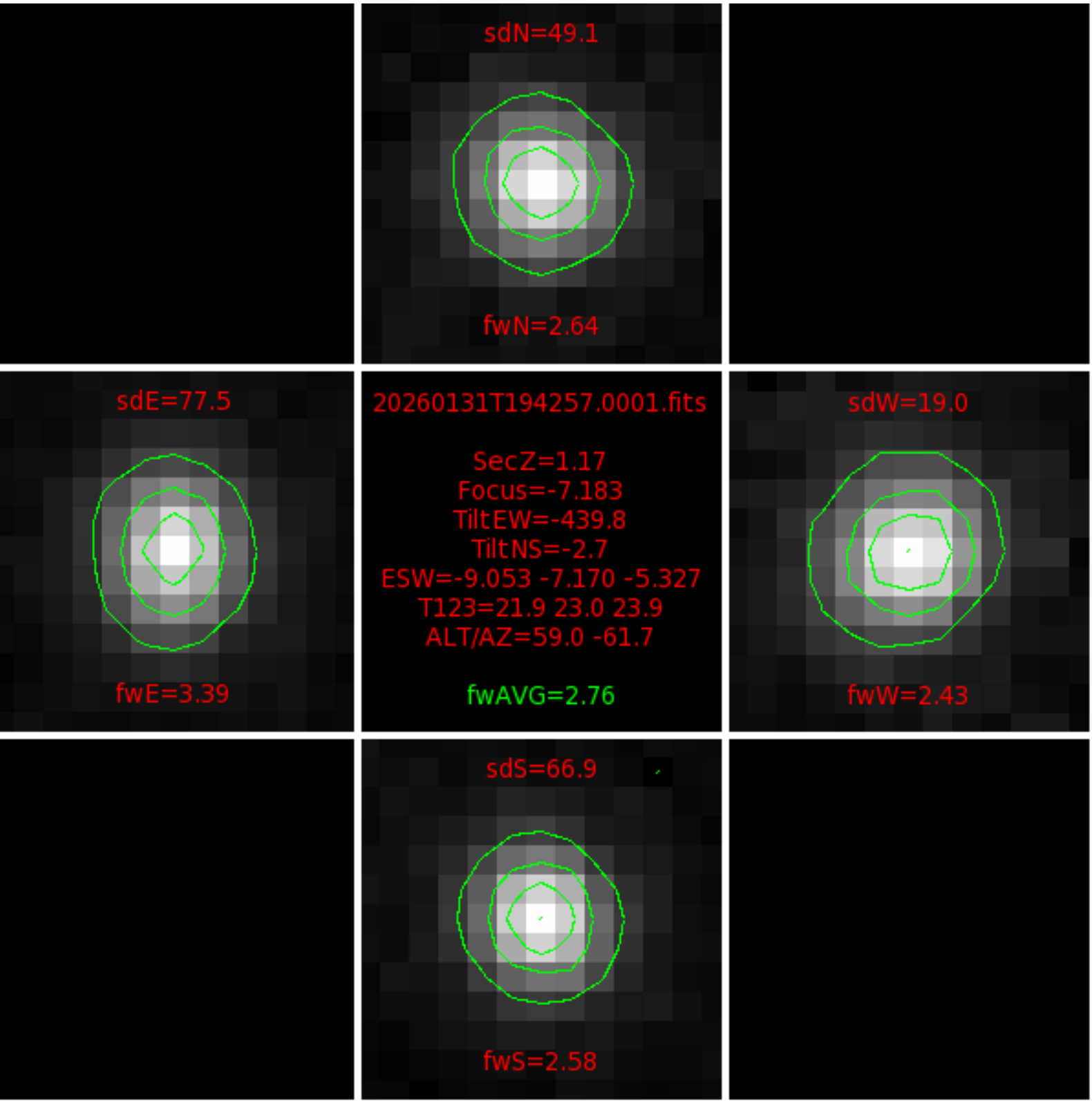
sdN=49.1
fwN=2.64
sdE=77.5
fwE=3.39
20260131T194257.0001.fits
SecZ=1.17
Focus=-7.183
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.053 -7.170 -5.327
T123=21.9 23.0 23.9
ALT/AZ=59.0 -61.7
fwAVG=2.76
sdW=19.0
fwW=2.43
sdS=66.9
fwS=2.58
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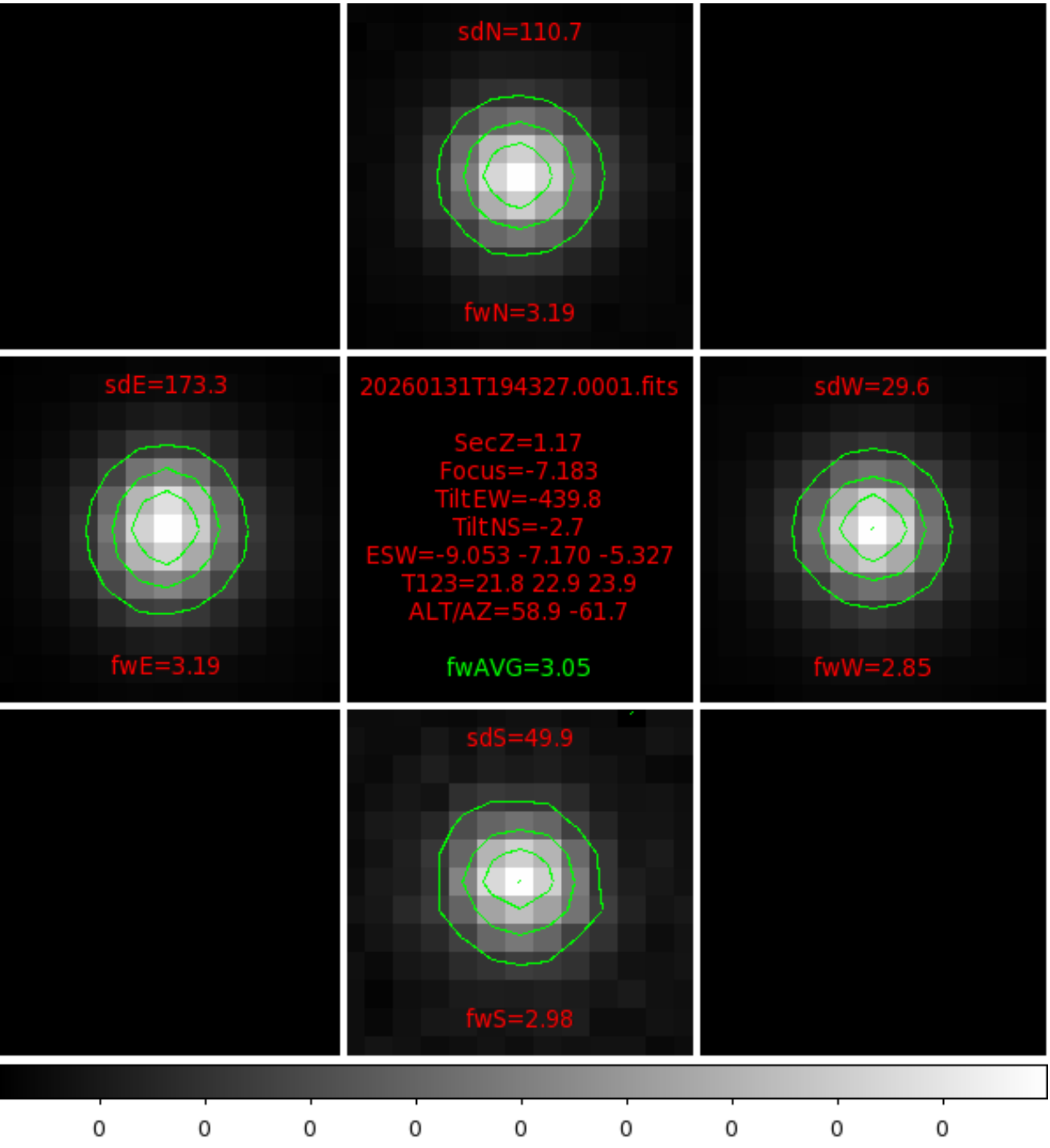
sdN=110.7
fwN=3.19
sdE=173.3
fwE=3.19
20260131T194327.0001.fits
SecZ=1.17
Focus=-7.183
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.053 -7.170 -5.327
T123=21.8 22.9 23.9
ALT/AZ=58.9 -61.7
fwAVG=3.05
sdW=29.6
fwW=2.85
sdS=49.9
fwS=2.98
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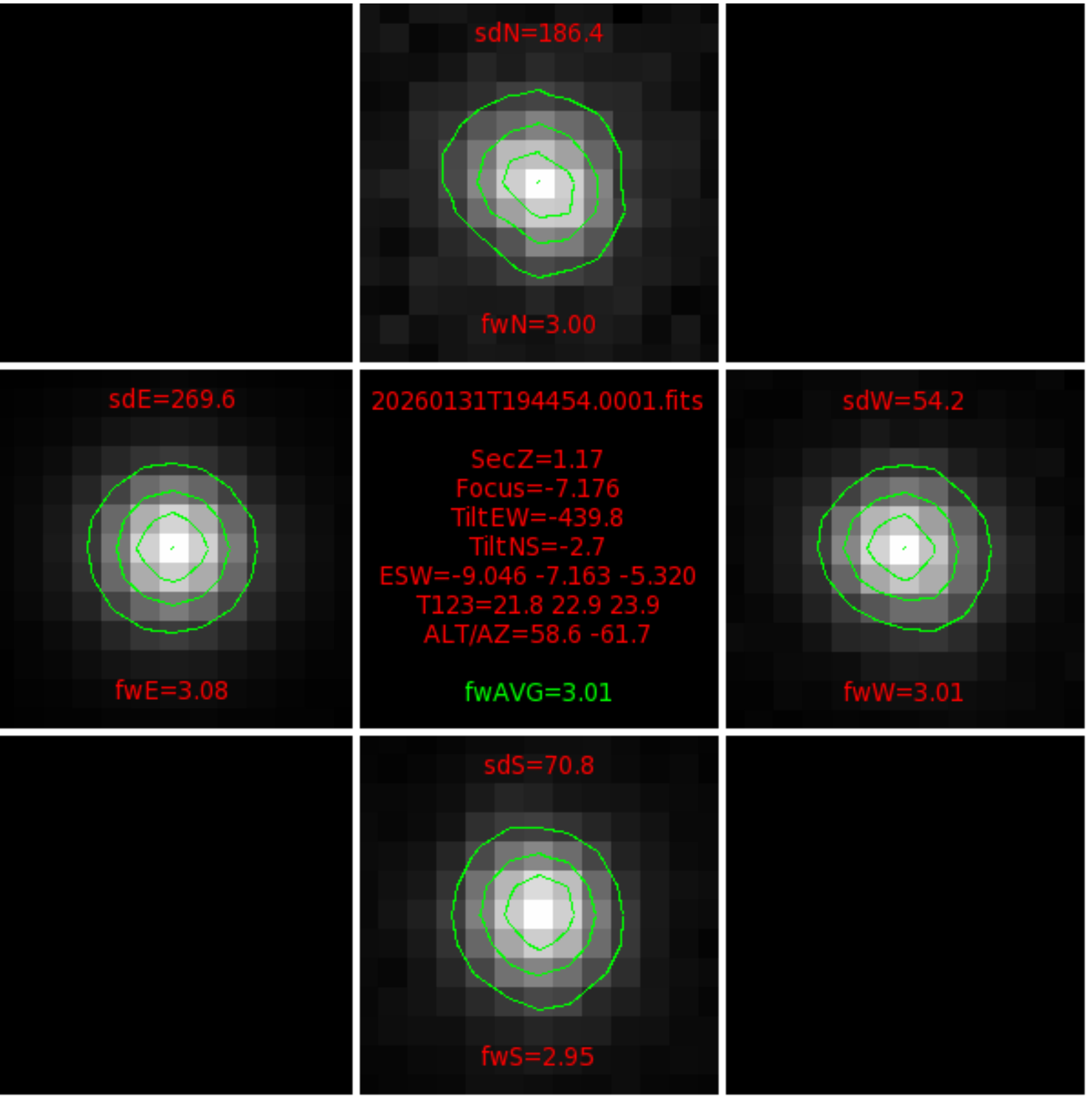
sdN=186.4
fwN=3.00
sdE=269.6
fwE=3.08
20260131T194454.0001.fits
SecZ=1.17
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.8 22.9 23.9
ALT/AZ=58.6 -61.7
fwAVG=3.01
sdW=54.2
fwW=3.01
sdS=70.8
fwS=2.95
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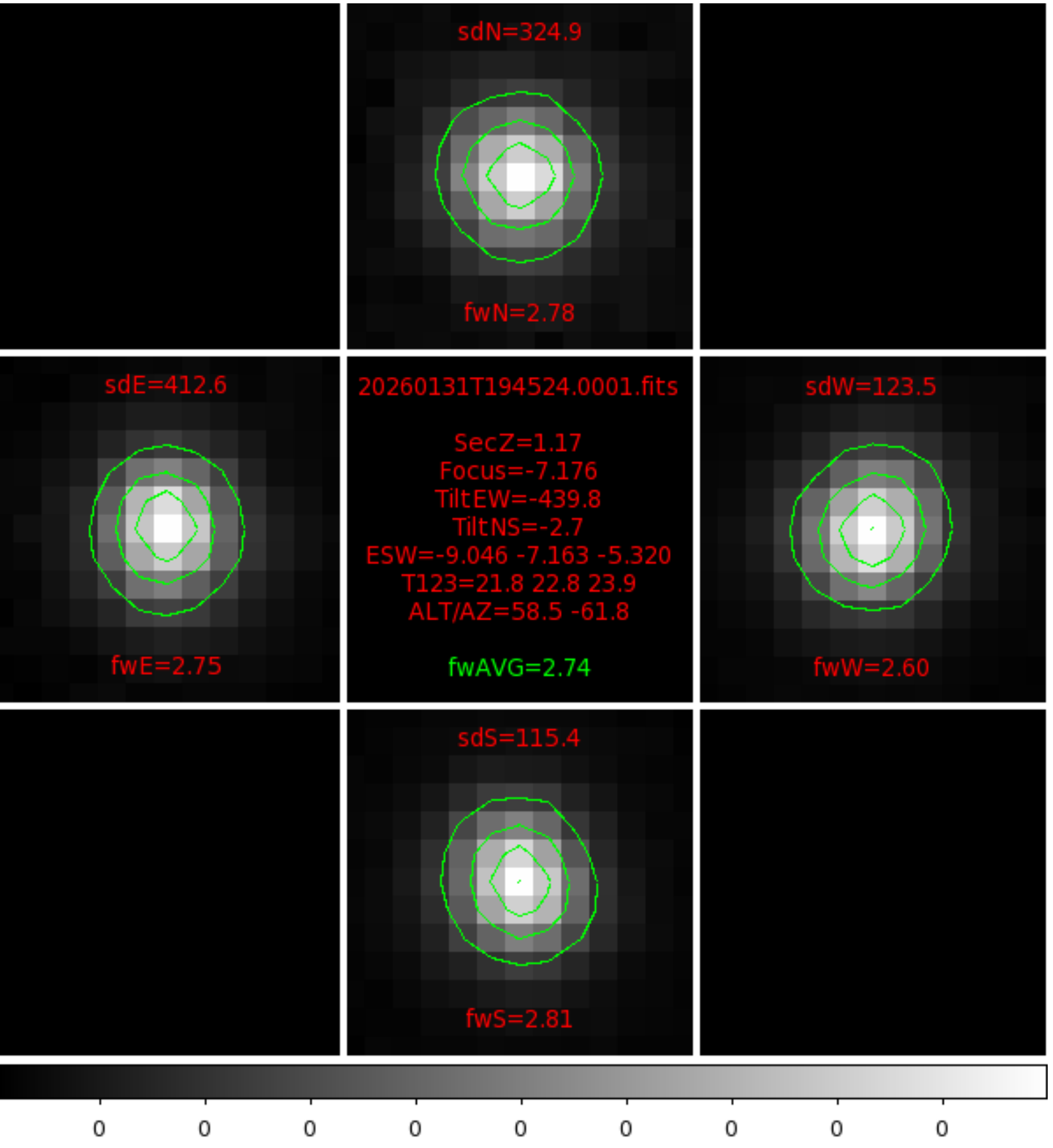
sdN=324.9
fwN=2.78
sdE=412.6
fwE=2.75
20260131T194524.0001.fits
SecZ=1.17
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.8 22.8 23.9
ALT/AZ=58.5 -61.8
fwAVG=2.74
sdW=123.5
fwW=2.60
sdS=115.4
fwS=2.81
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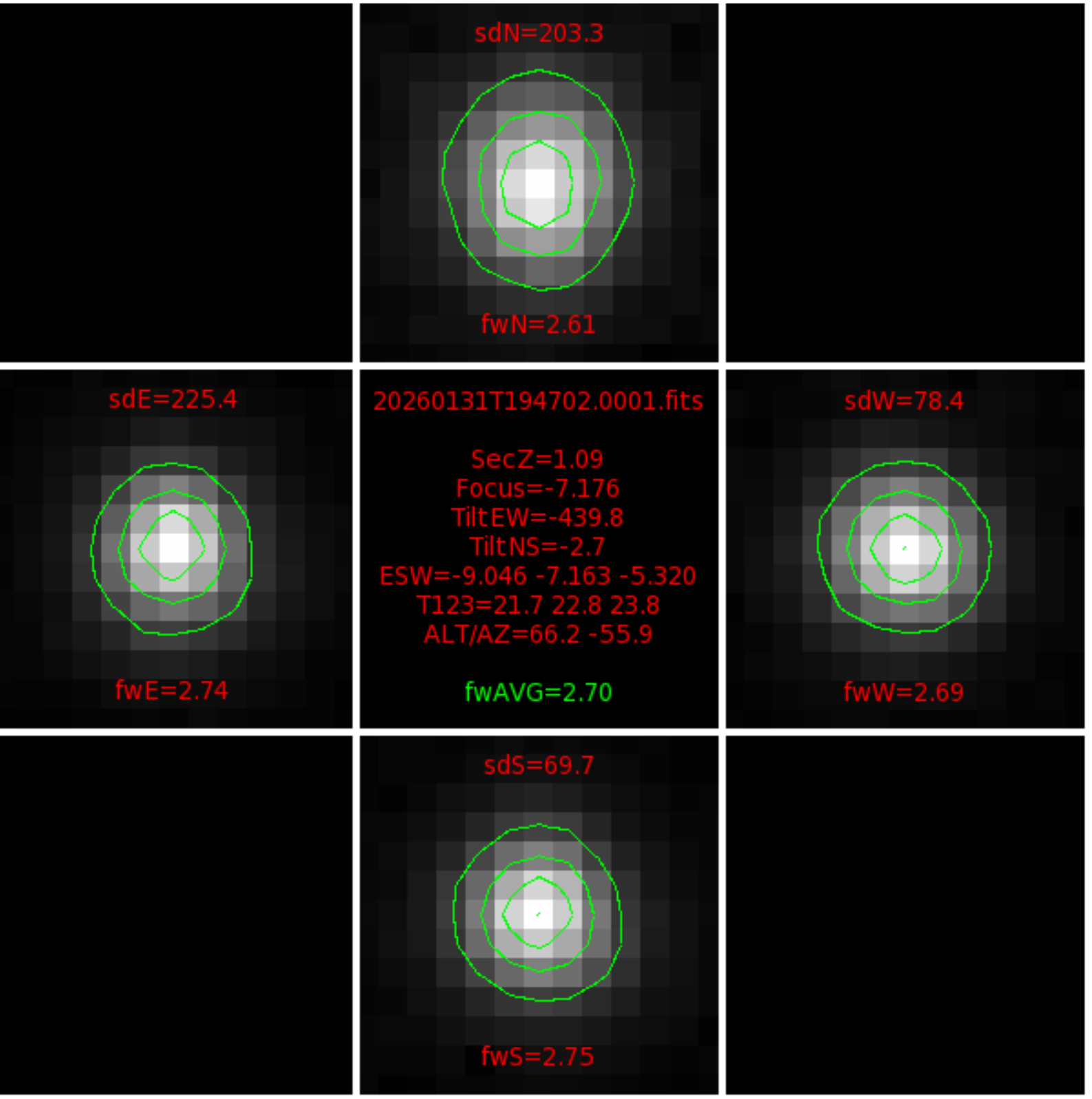
sdN=203.3
fwN=2.61
sdE=225.4
fwE=2.74
20260131T194702.0001.fits
SecZ=1.09
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.7 22.8 23.8
ALT/AZ=66.2 -55.9
fwAVG=2.70
sdW=78.4
fwW=2.69
sdS=69.7
fwS=2.75
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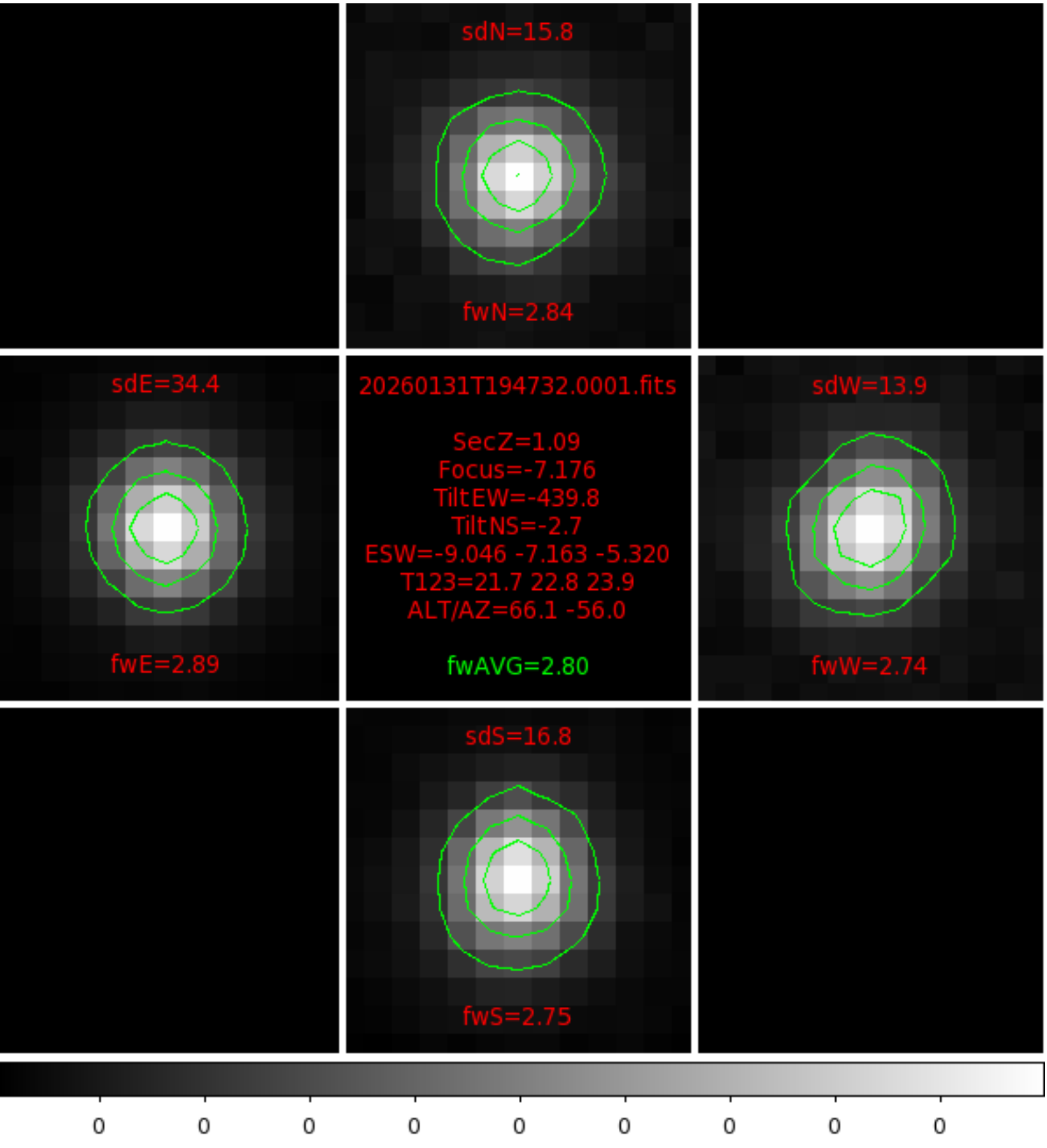
sdN=15.8
fwN=2.84
sdE=34.4
fwE=2.89
20260131T194732.0001.fits
SecZ=1.09
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.7 22.8 23.9
ALT/AZ=66.1 -56.0
fwAVG=2.80
sdW=13.9
fwW=2.74
sdS=16.8
fwS=2.75
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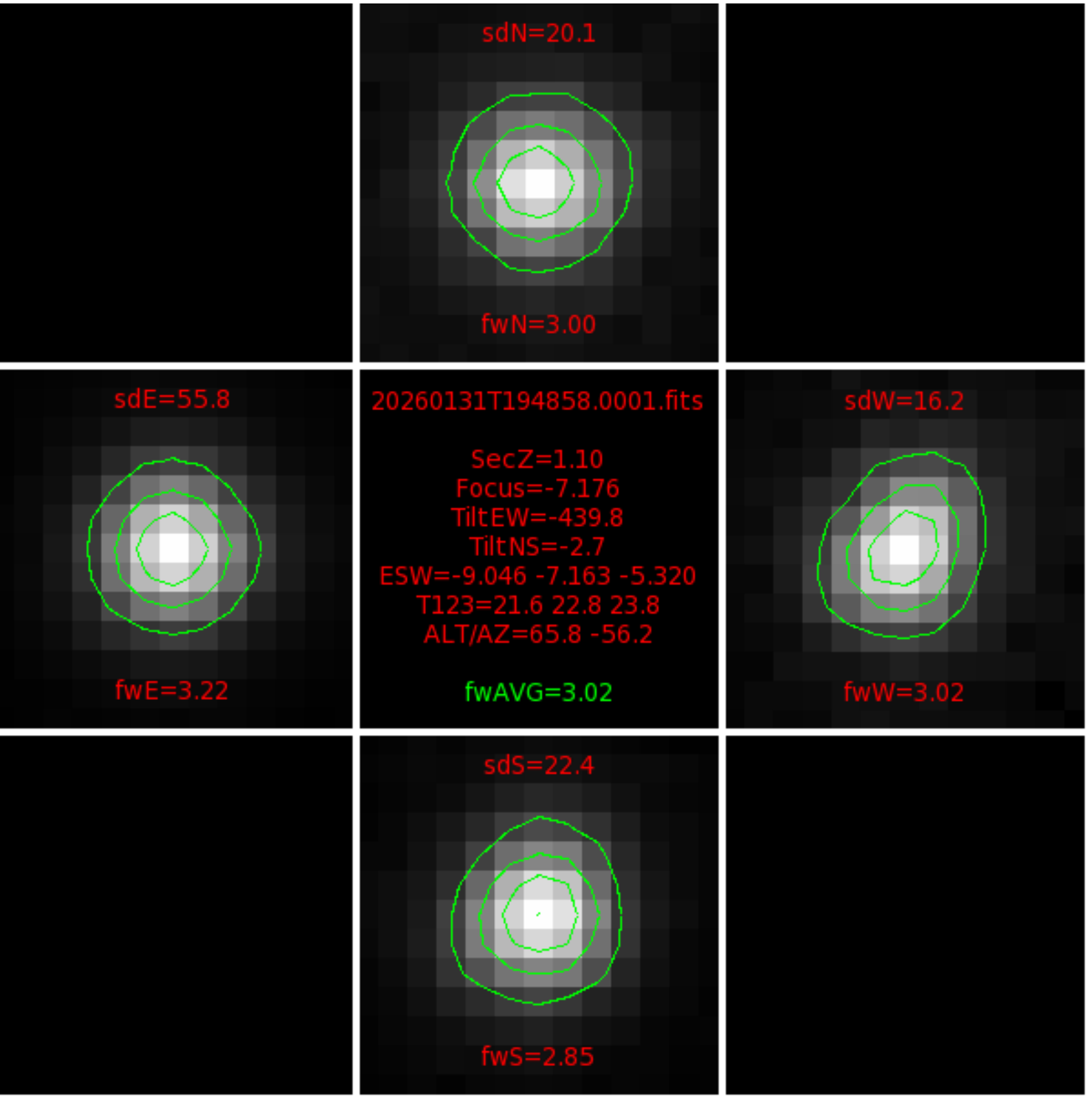
sdN=20.1
fwN=3.00
sdE=55.8
fwE=3.22
20260131T194858.0001.fits
SecZ=1.10
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.6 22.8 23.8
ALT/AZ=65.8 -56.2
fwAVG=3.02
sdW=16.2
fwW=3.02
sdS=22.4
fwS=2.85
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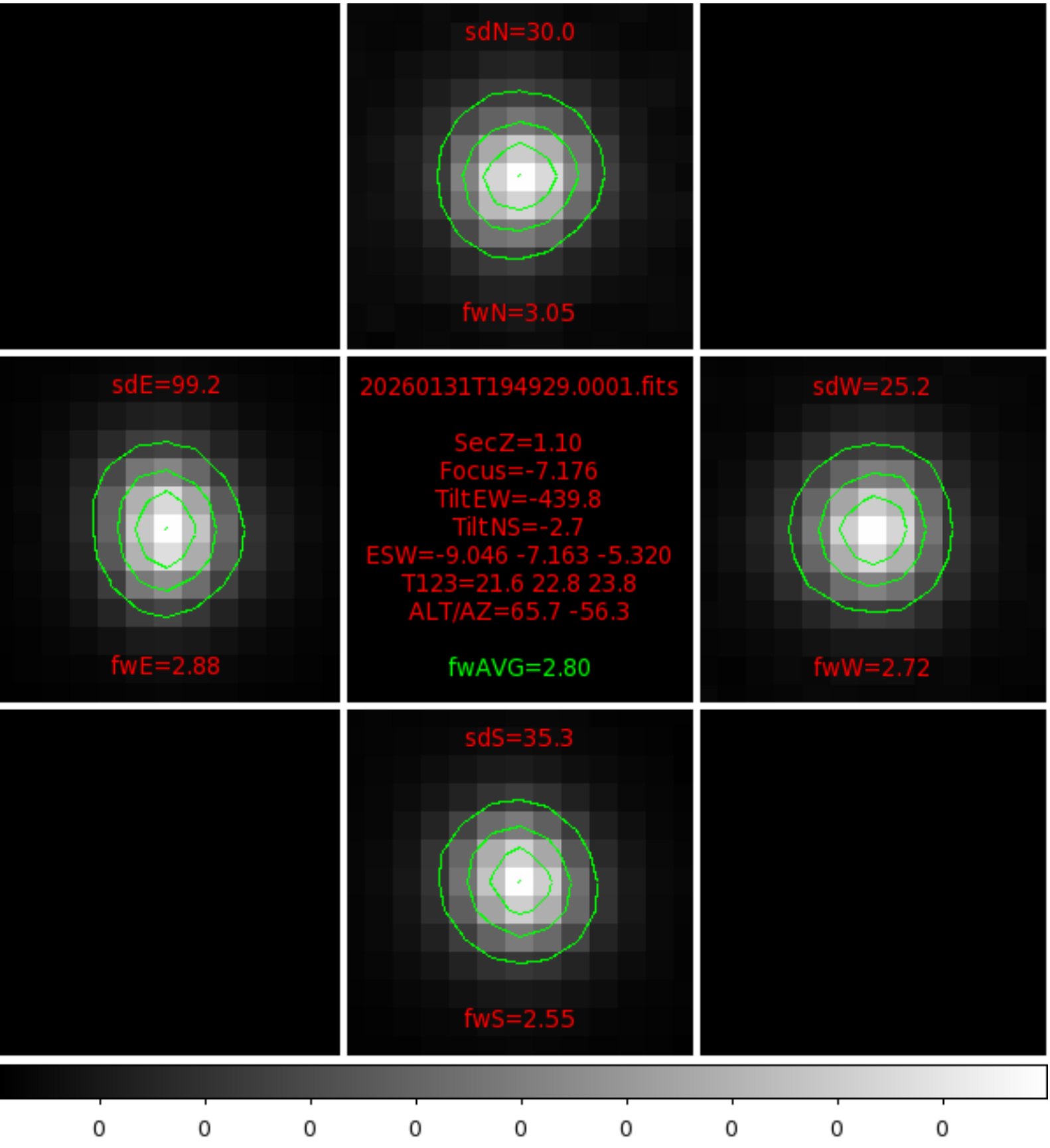
sdN=30.0
fwN=3.05
sdE=99.2
fwE=2.88
20260131T194929.0001.fits
SecZ=1.10
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.6 22.8 23.8
ALT/AZ=65.7 -56.3
fwAVG=2.80
sdW=25.2
fwW=2.72
sdS=35.3
fwS=2.55
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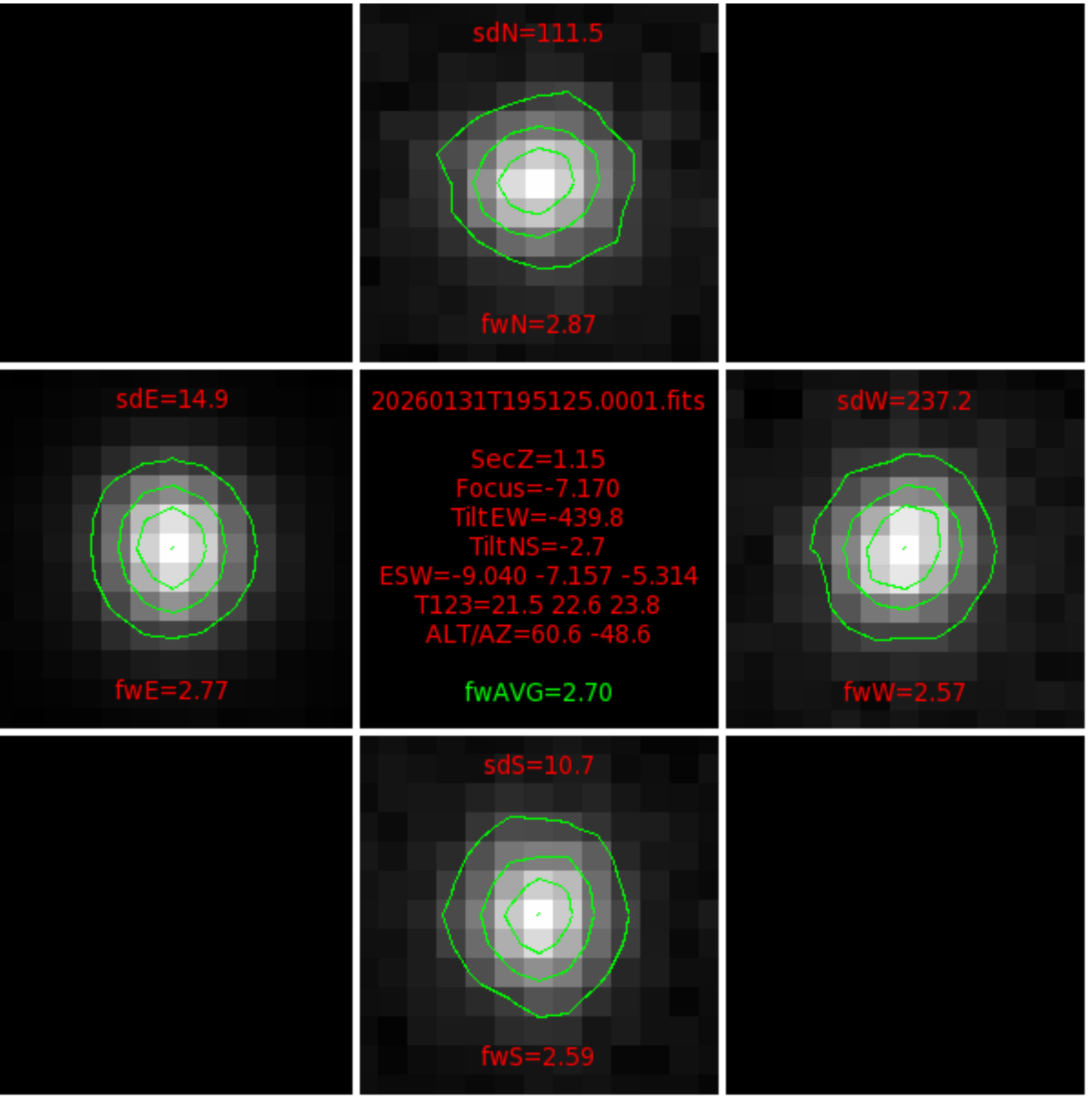
sdN=111.5
fwN=2.87
sdE=14.9
fwE=2.77
20260131T195125.0001.fits
SecZ=1.15
Focus=-7.170
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.040 -7.157 -5.314
T123=21.5 22.6 23.8
ALT/AZ=60.6 -48.6
fwAVG=2.70
sdW=237.2
fwW=2.57
sdS=10.7
fwS=2.59
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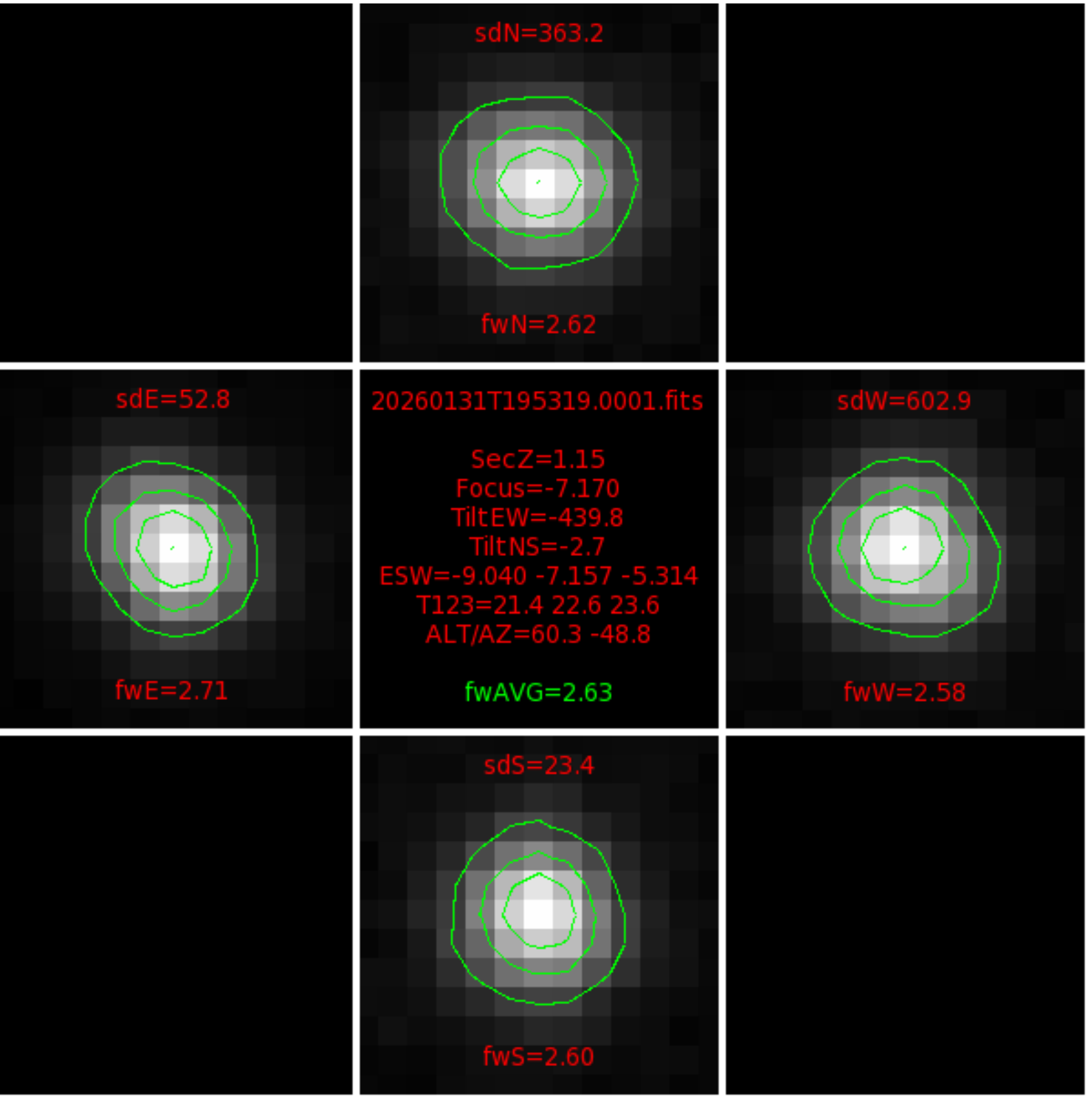
sdN=363.2
fwN=2.62
sdE=52.8
fwE=2.71
20260131T195319.0001.fits
SecZ=1.15
Focus=-7.170
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.040 -7.157 -5.314
T123=21.4 22.6 23.6
ALT/AZ=60.3 -48.8
fwAVG=2.63
sdW=602.9
fwW=2.58
sdS=23.4
fwS=2.60
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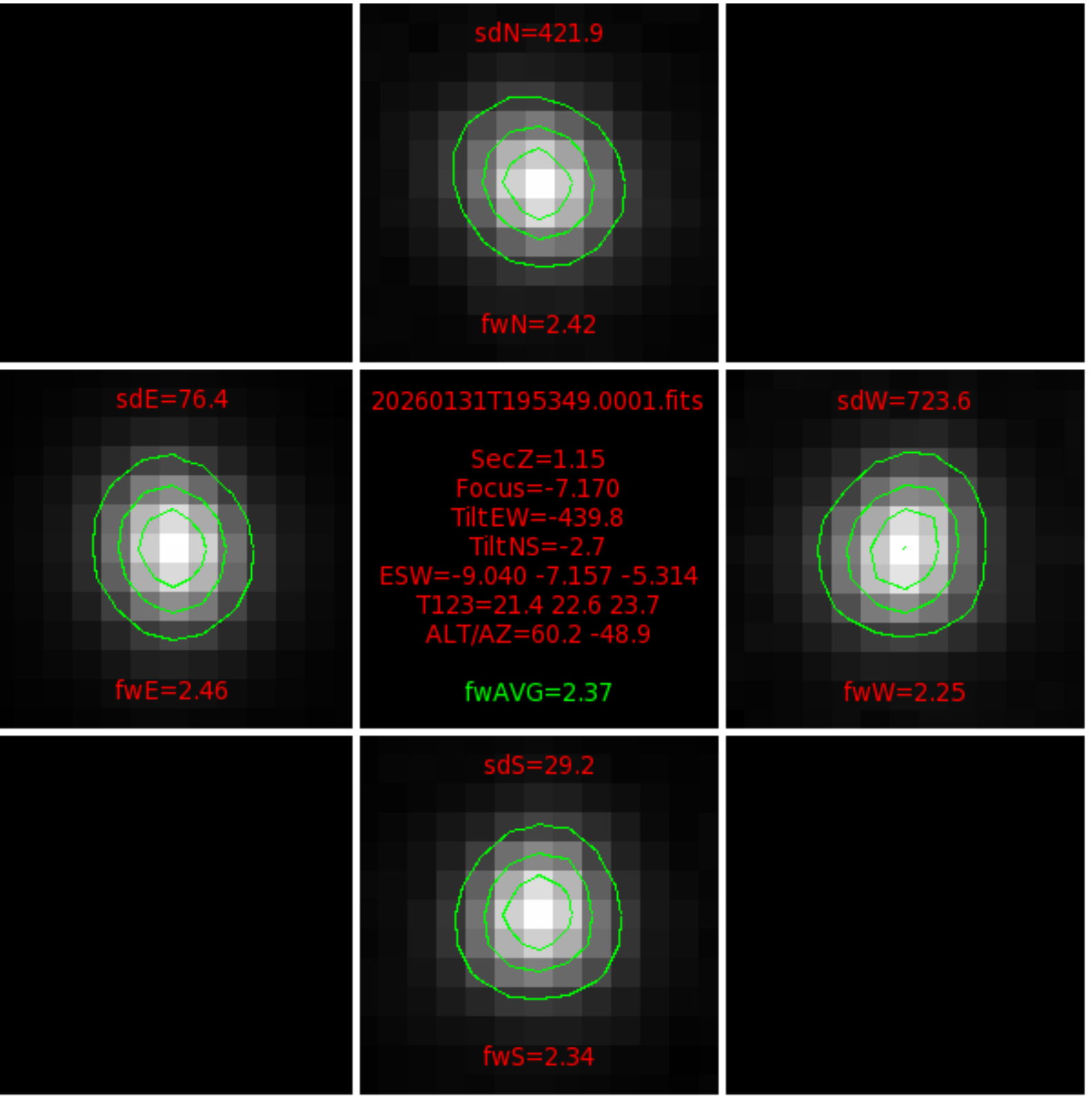
sdN=421.9
fwN=2.42
sdE=76.4
fwE=2.46
20260131T195349.0001.fits
SecZ=1.15
Focus=-7.170
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.040 -7.157 -5.314
T123=21.4 22.6 23.7
ALT/AZ=60.2 -48.9
fwAVG=2.37
sdW=723.6
fwW=2.25
sdS=29.2
fwS=2.34
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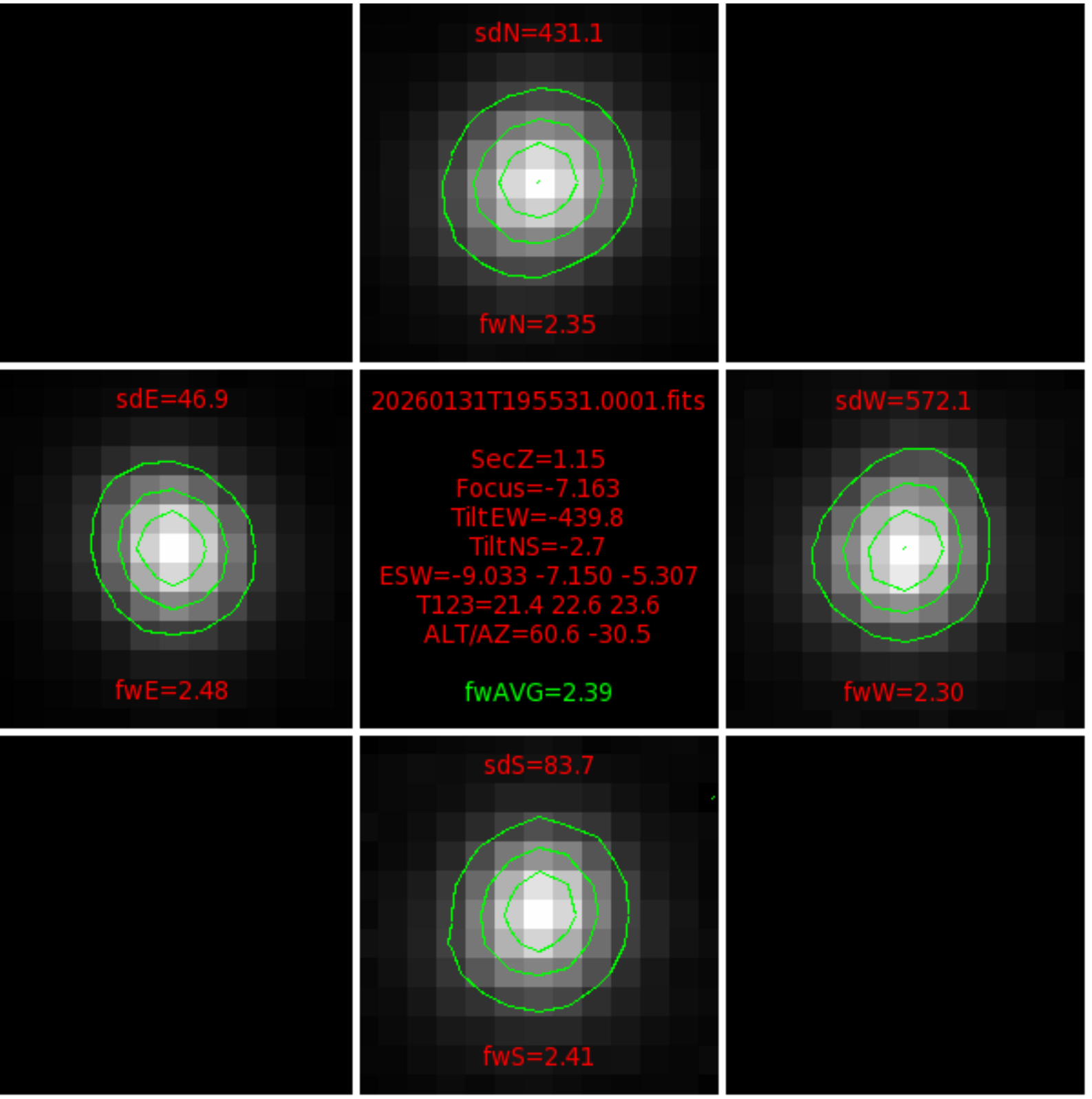
sdN=431.1
fwN=2.35
sdE=46.9
fwE=2.48
20260131T195531.0001.fits
SecZ=1.15
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=21.4 22.6 23.6
ALT/AZ=60.6 -30.5
fwAVG=2.39
sdW=572.1
fwW=2.30
sdS=83.7
fwS=2.41
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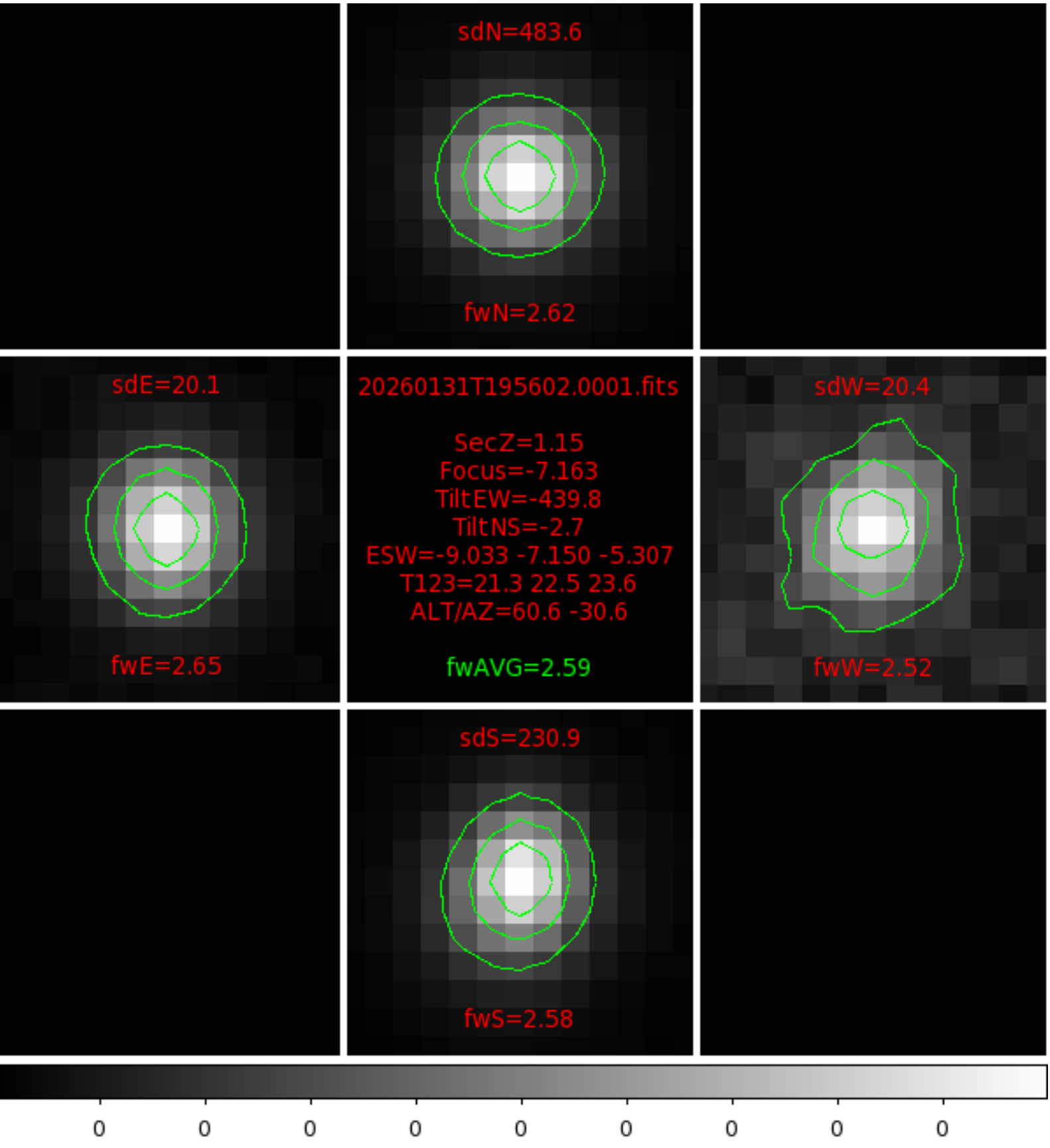
sdN=483.6
fwN=2.62
sdE=20.1
fwE=2.65
20260131T195602.0001.fits
SecZ=1.15
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=21.3 22.5 23.6
ALT/AZ=60.6 -30.6
fwAVG=2.59
sdW=20.4
fwW=2.52
sdS=230.9
fwS=2.58
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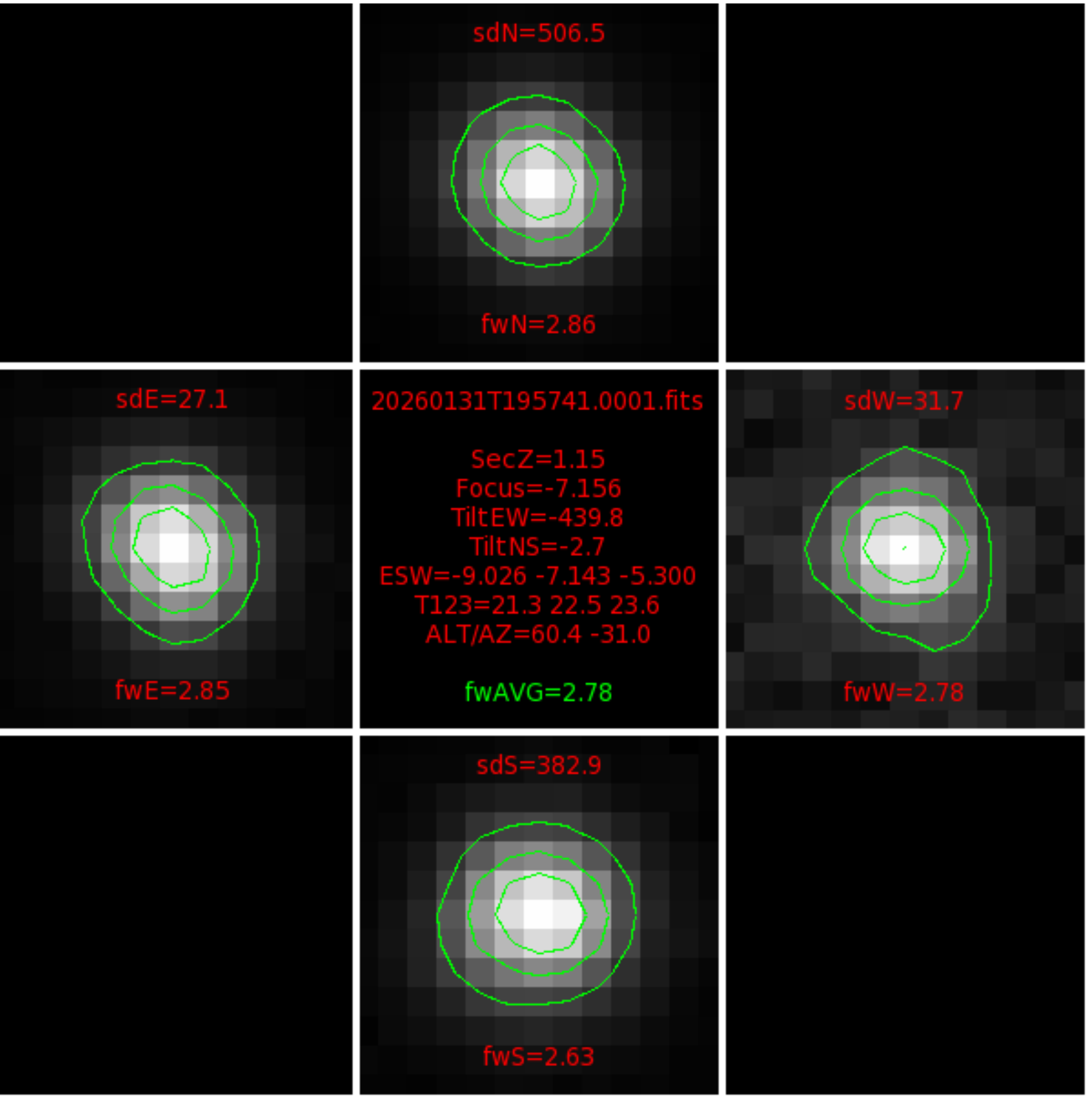
sdN=506.5
fwN=2.86
sdE=27.1
fwE=2.85
20260131T195741.0001.fits
SecZ=1.15
Focus=-7.156
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.026 -7.143 -5.300
T123=21.3 22.5 23.6
ALT/AZ=60.4 -31.0
fwAVG=2.78
sdW=31.7
fwW=2.78
sdS=382.9
fwS=2.63
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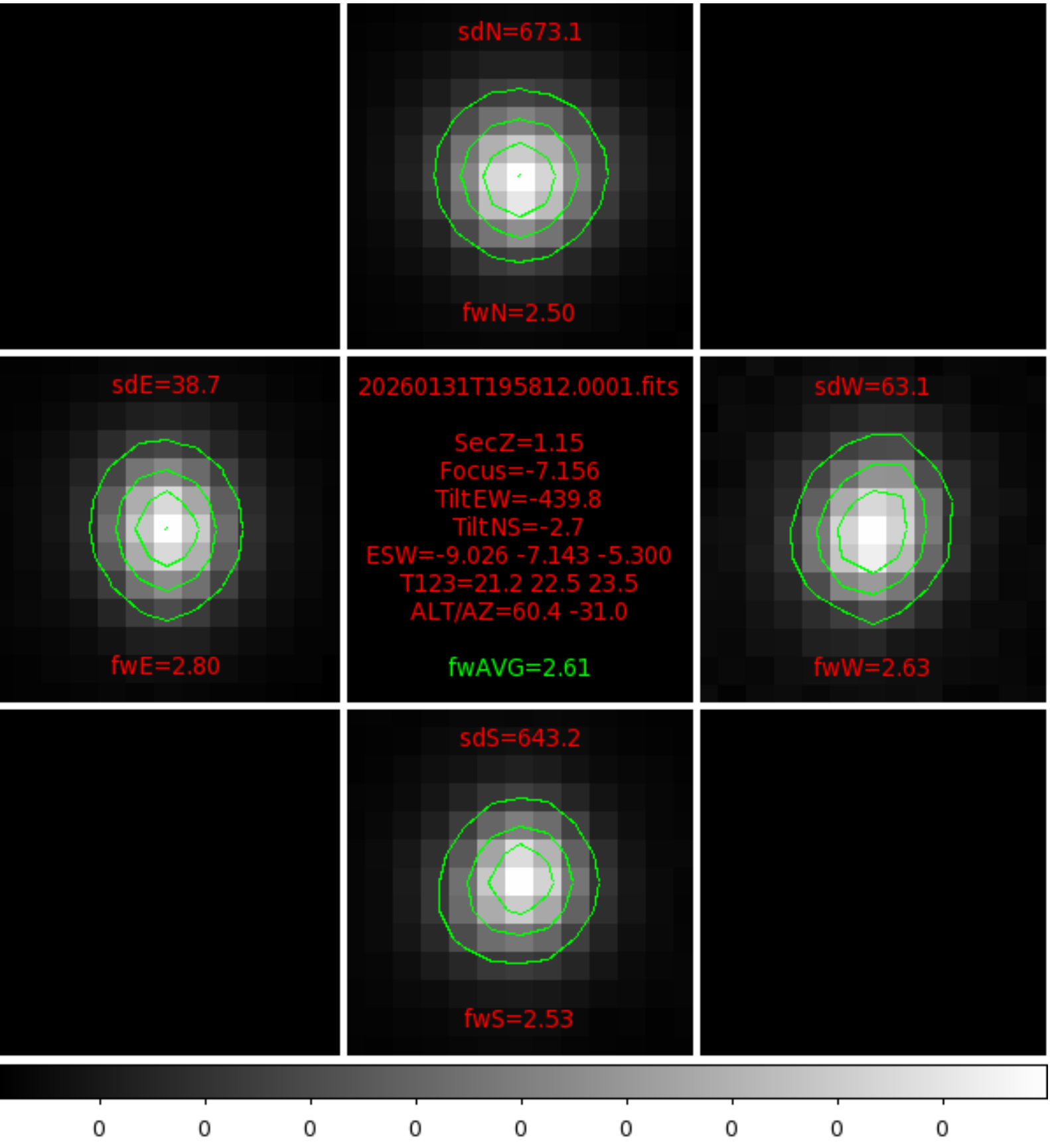
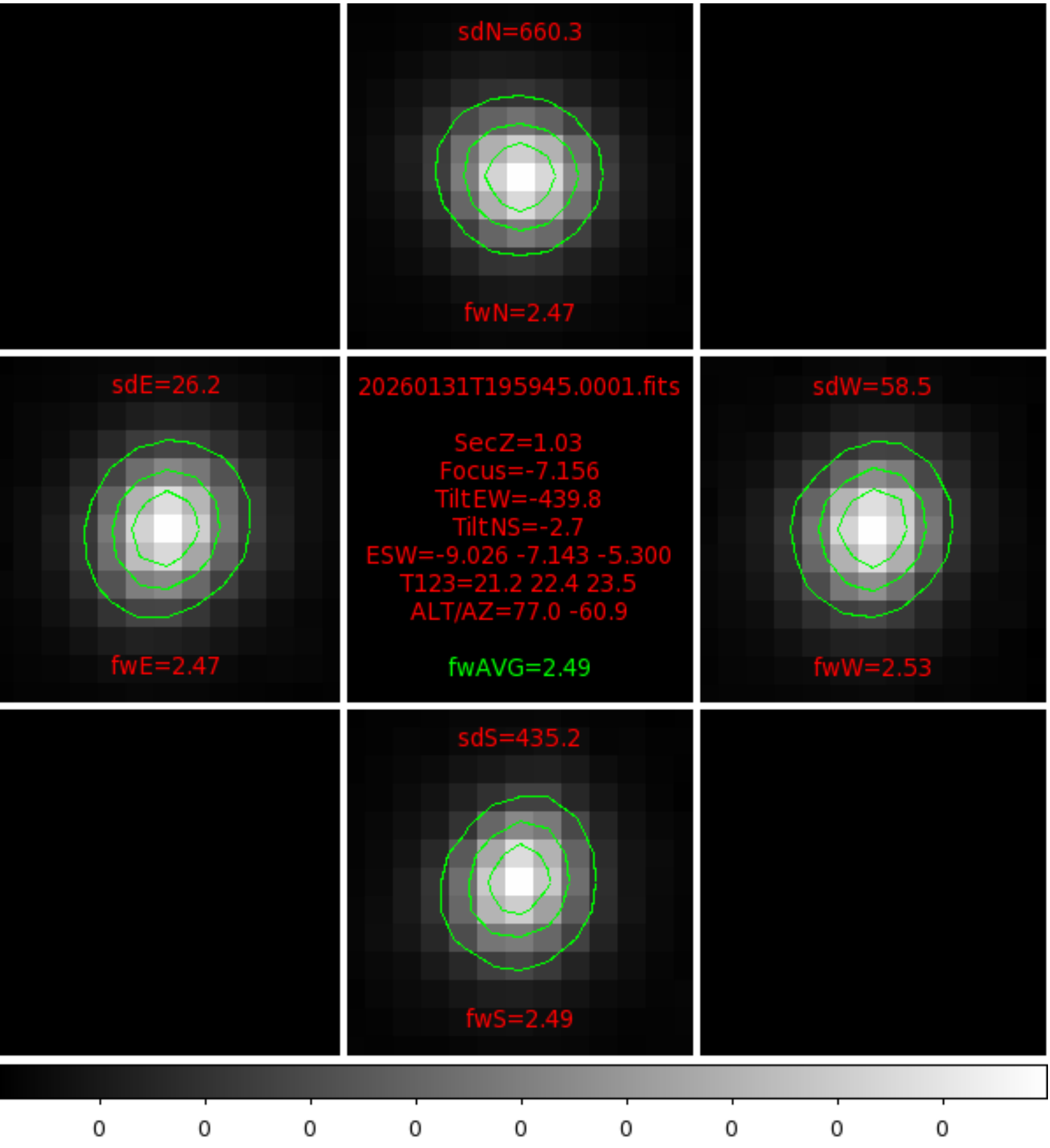

sdN=673.1
fwN=2.50
sdE=38.7
fwE=2.80
20260131T195812.0001.fits
SecZ=1.15
Focus=-7.156
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.026 -7.143 -5.300
T123=21.2 22.5 23.5
ALT/AZ=60.4 -31.0
fwAVG=2.61
sdW=63.1
fwW=2.63
sdS=643.2
fwS=2.53
0 0 0 0 0 0 0 0 0


sdN=660.3
fwN=2.47
sdE=26.2
fwE=2.47
20260131T195945.0001.fits
SecZ=1.03
Focus=-7.156
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.026 -7.143 -5.300
T123=21.2 22.4 23.5
ALT/AZ=77.0 -60.9
fwAVG=2.49
sdW=58.5
fwW=2.53
sdS=435.2
fwS=2.49
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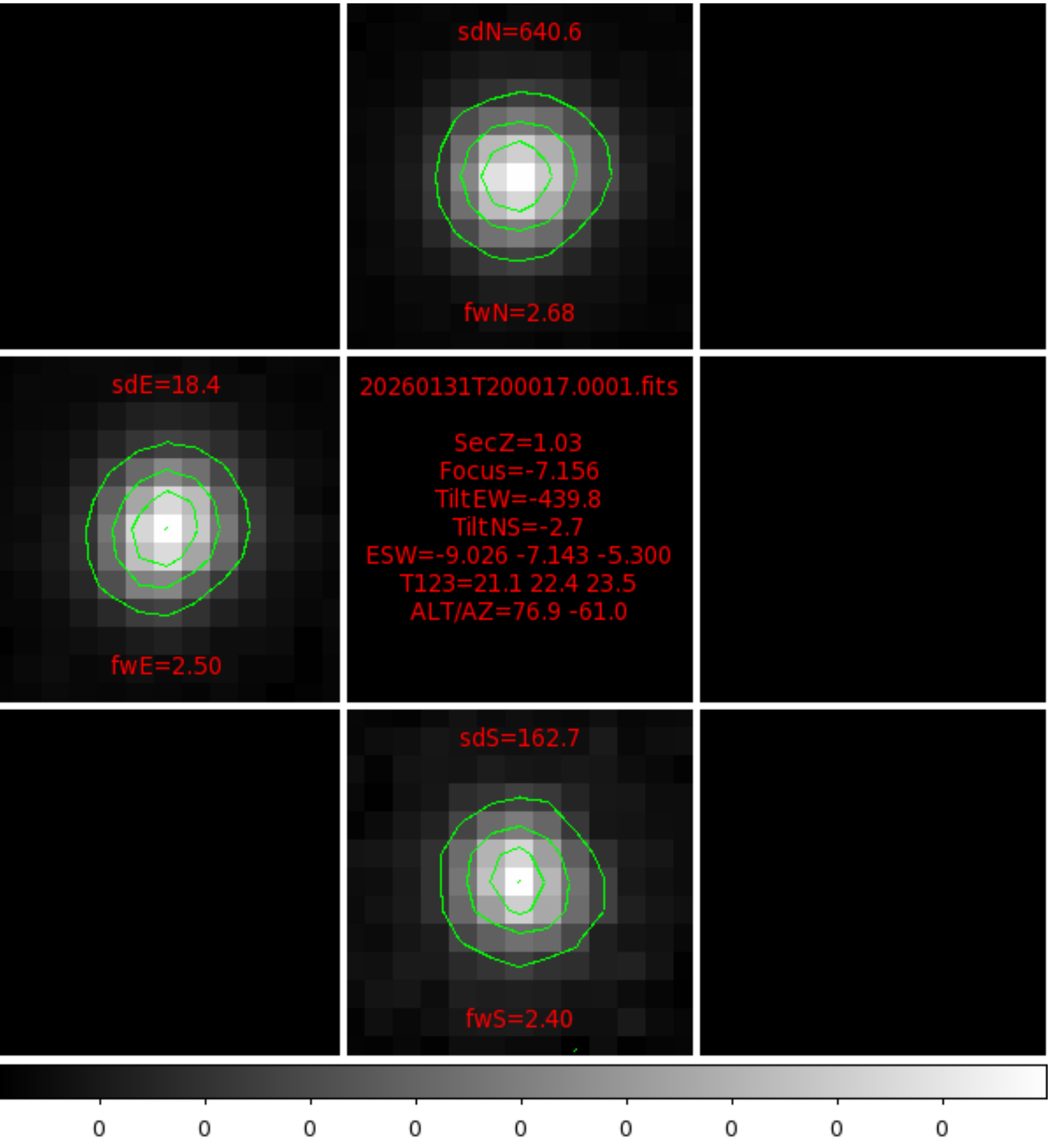
sdN=640.6
fwN=2.68
sdE=18.4
fwE=2.50
20260131T200017.0001.fits
SecZ=1.03
Focus=-7.156
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.026 -7.143 -5.300
T123=21.1 22.4 23.5
ALT/AZ=76.9 -61.0
sdS=162.7
fwS=2.40
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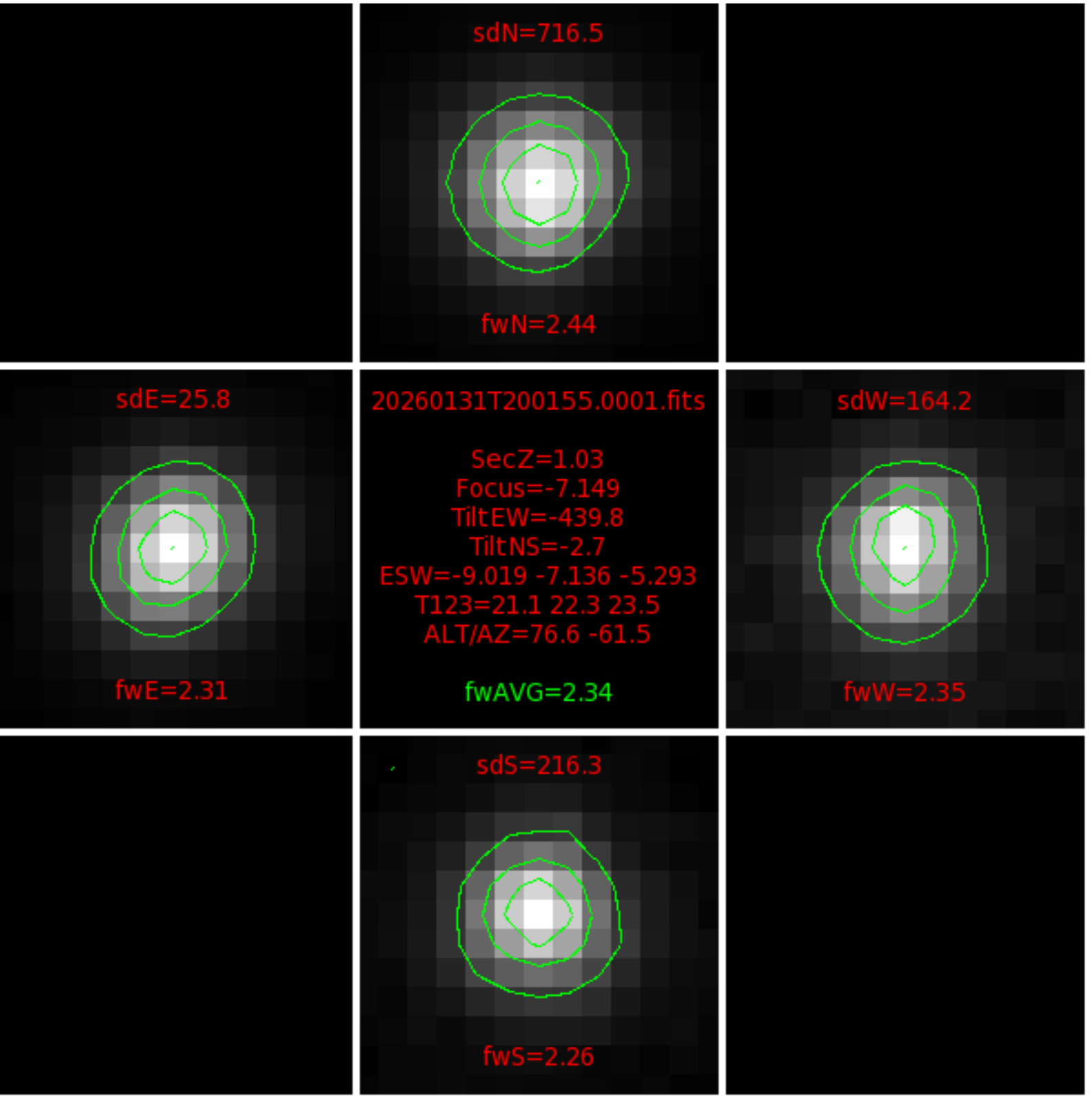
sdN=716.5
fwN=2.44
sdE=25.8
fwE=2.31
20260131T200155.0001.fits
SecZ=1.03
Focus=-7.149
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.019 -7.136 -5.293
T123=21.1 22.3 23.5
ALT/AZ=76.6 -61.5
fwAVG=2.34
sdW=164.2
fwW=2.35
sdS=216.3
fwS=2.26
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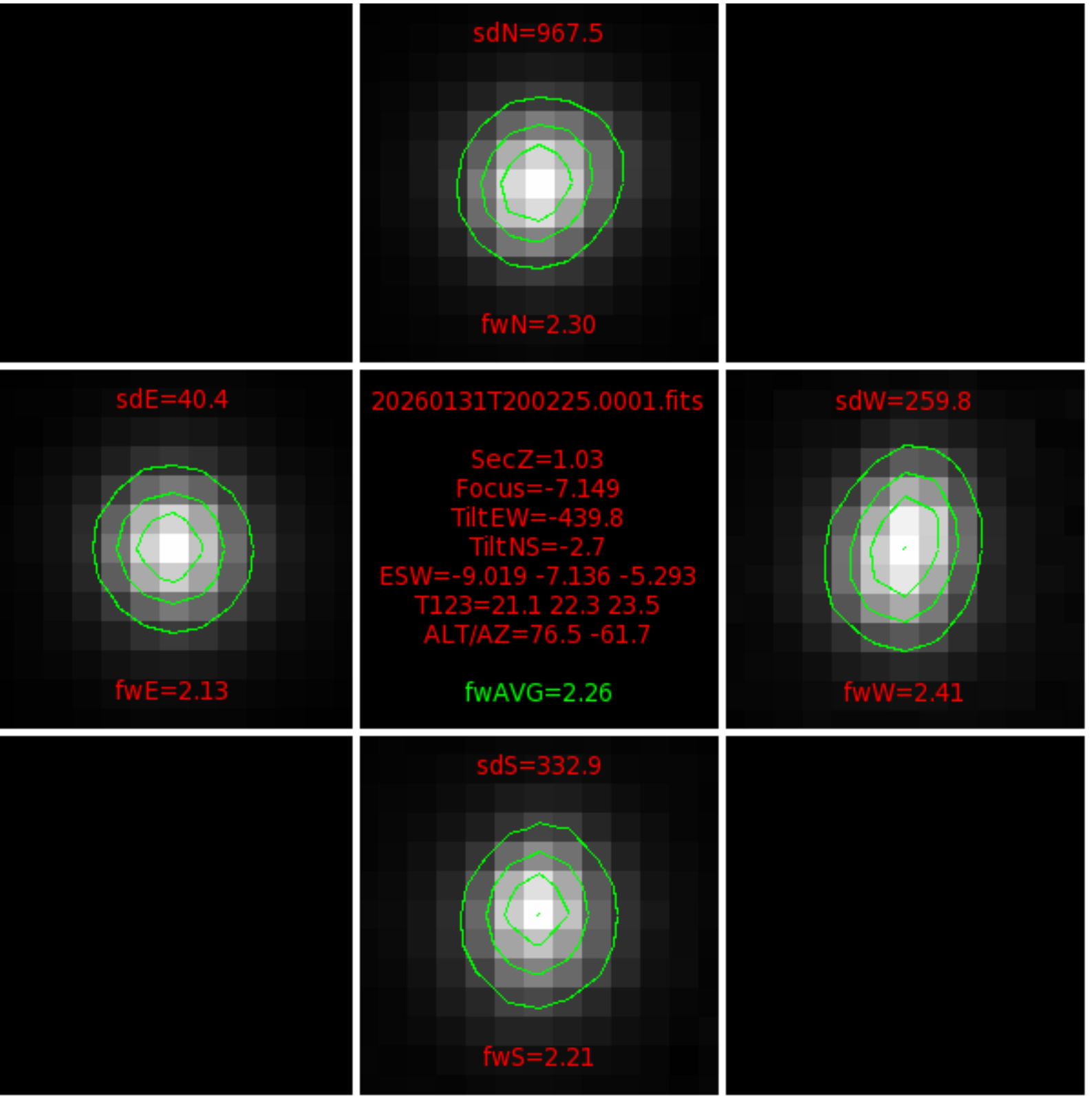
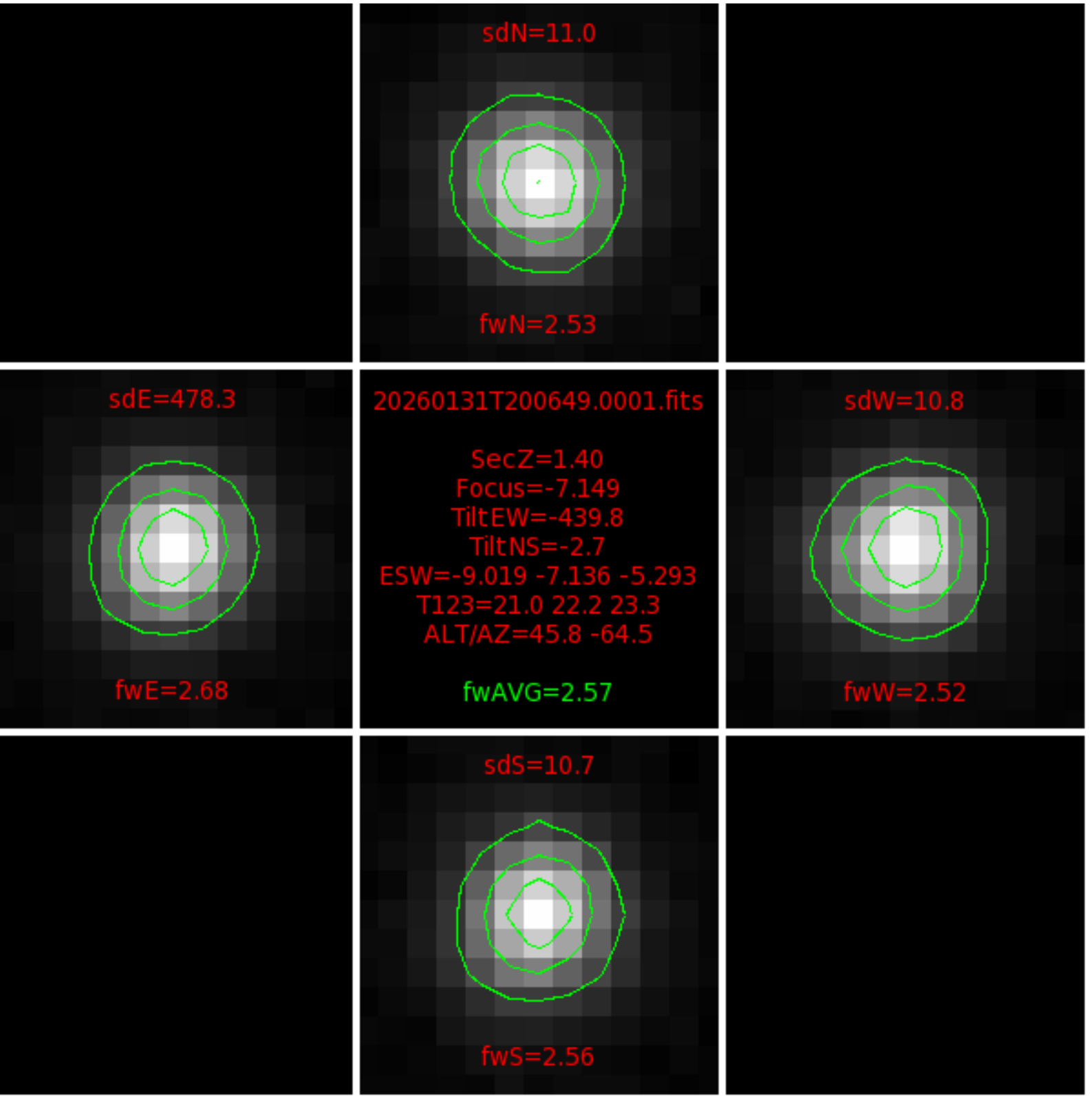

sdN=967.5
fwN=2.30
sdE=40.4
fwE=2.13
20260131T200225.0001.fits
SecZ=1.03
Focus=-7.149
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.019 -7.136 -5.293
T123=21.1 22.3 23.5
ALT/AZ=76.5 -61.7
fwAVG=2.26
sdW=259.8
fwW=2.41
sdS=332.9
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=11.0
fwN=2.53
sdE=478.3
fwE=2.68
20260131T200649.0001.fits
SecZ=1.40
Focus=-7.149
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.019 -7.136 -5.293
T123=21.0 22.2 23.3
ALT/AZ=45.8 -64.5
fwAVG=2.57
sdW=10.8
fwW=2.52
sdS=10.7
fwS=2.56
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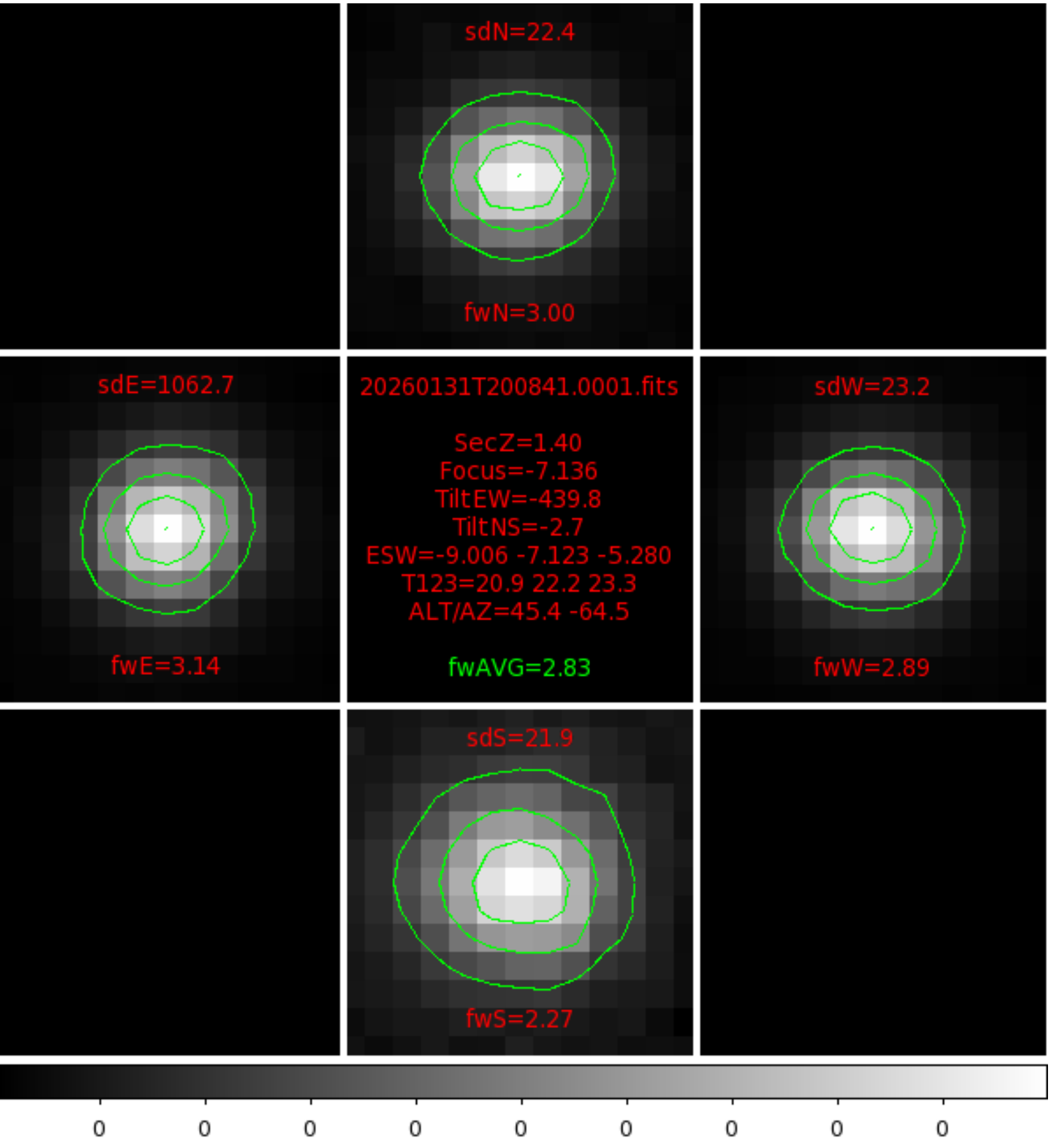
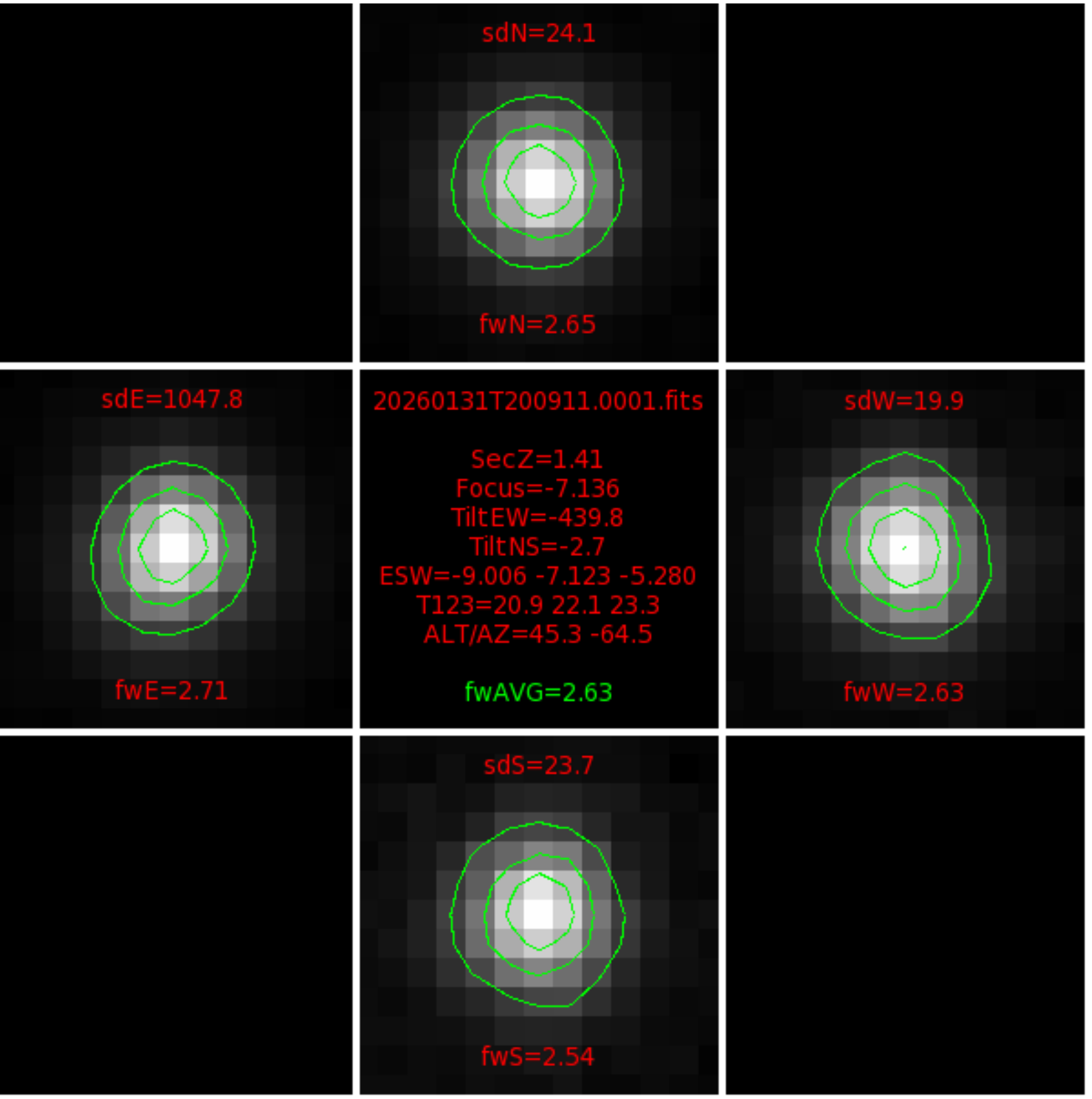
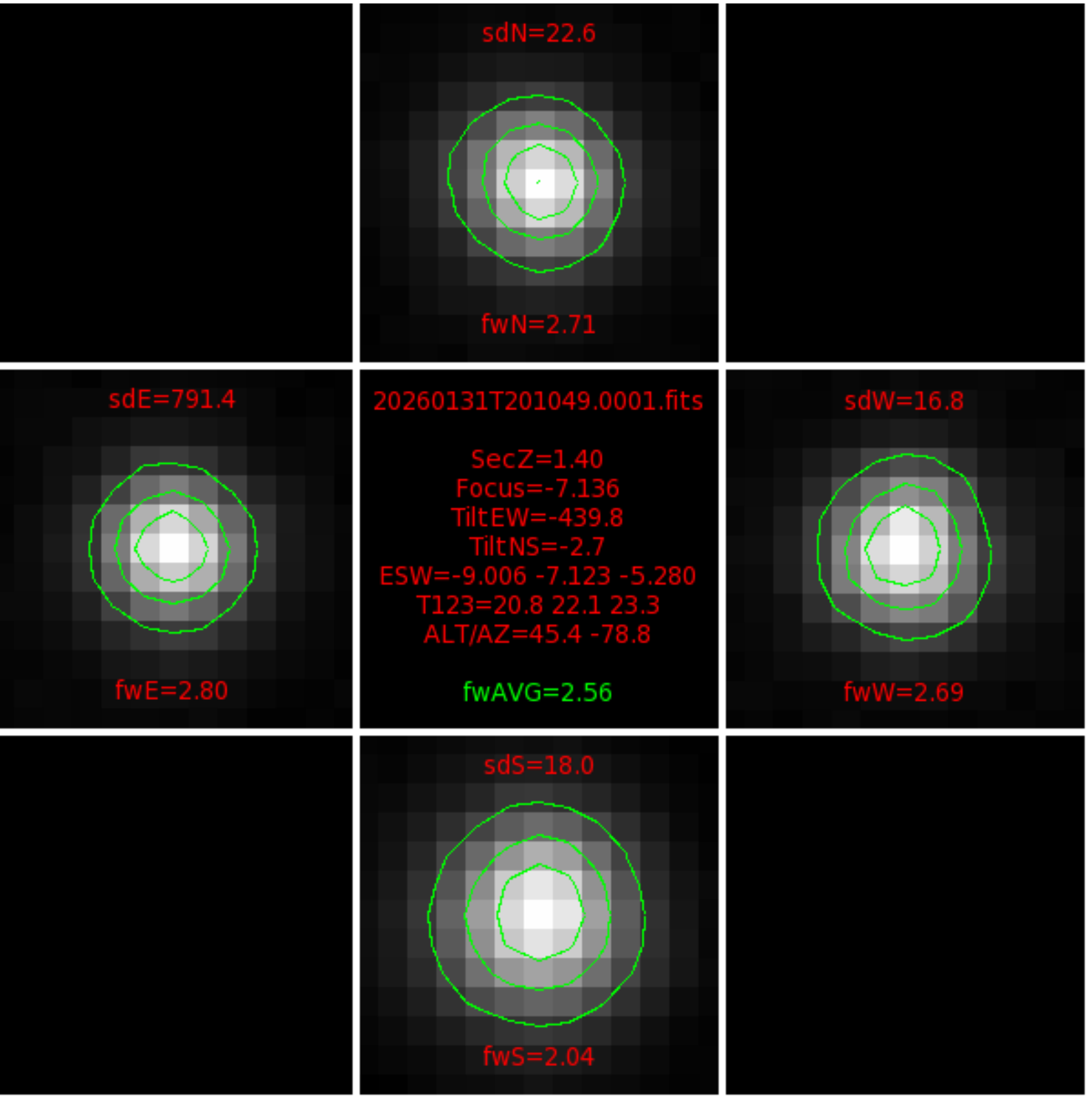
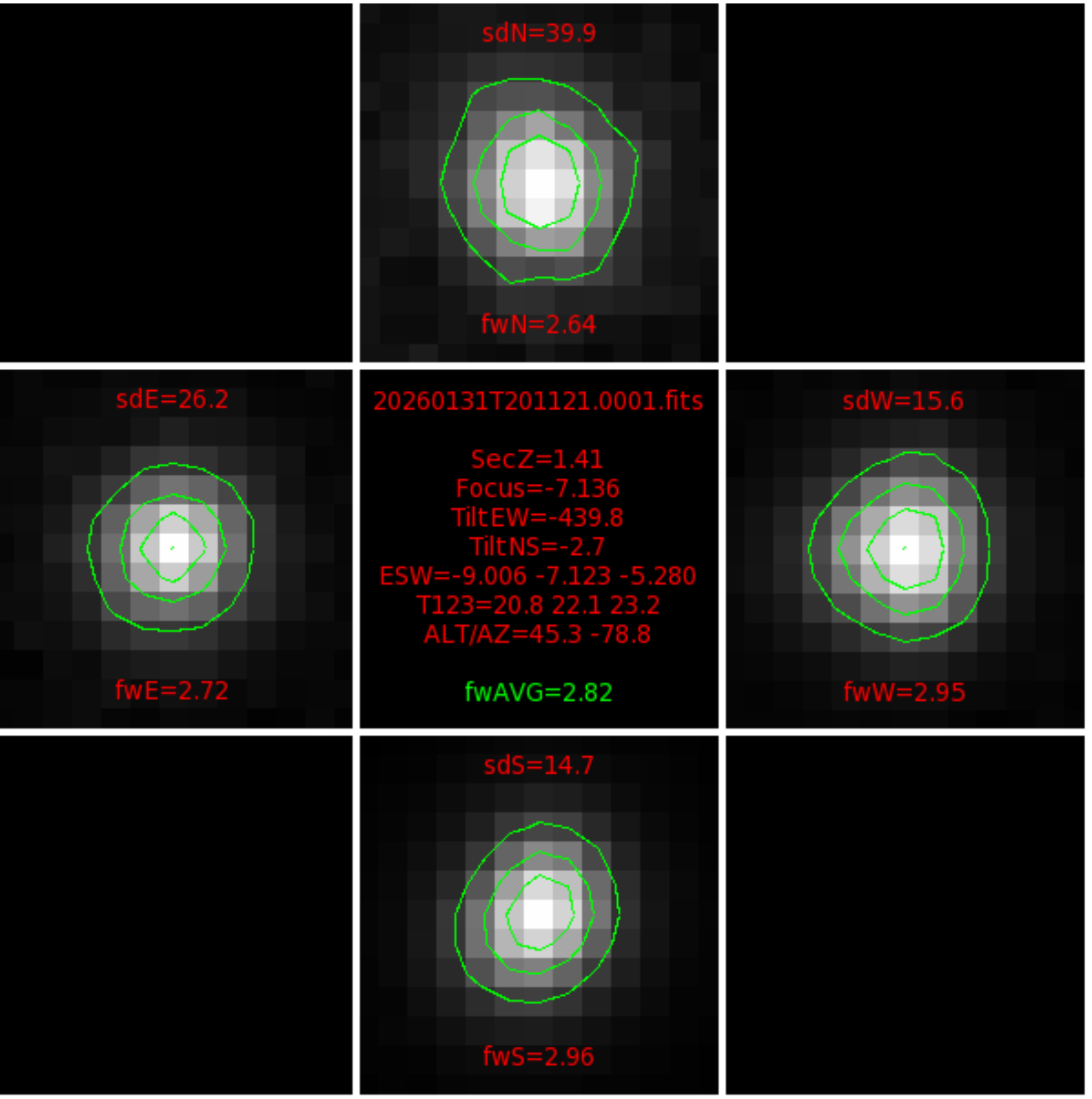
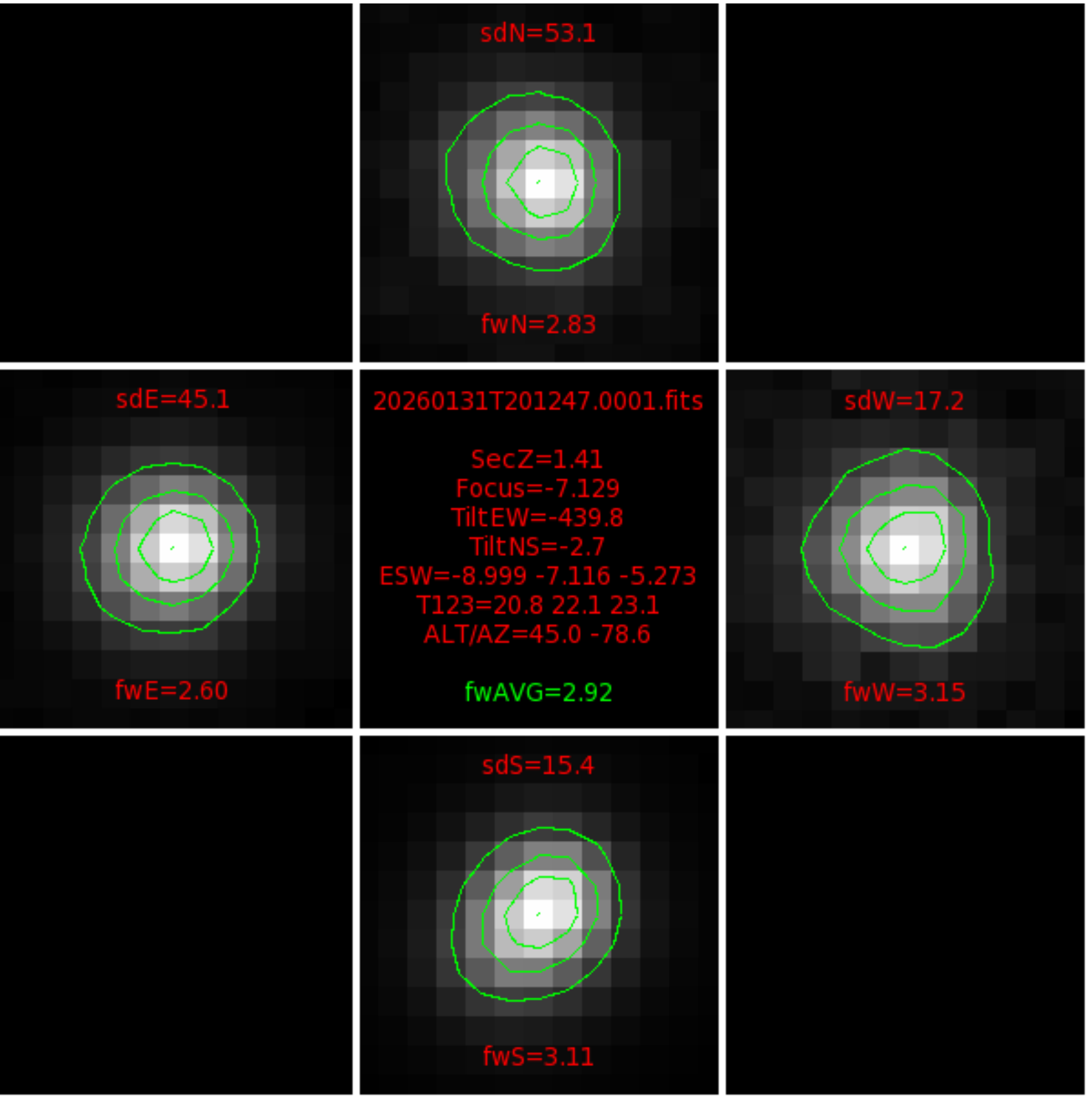
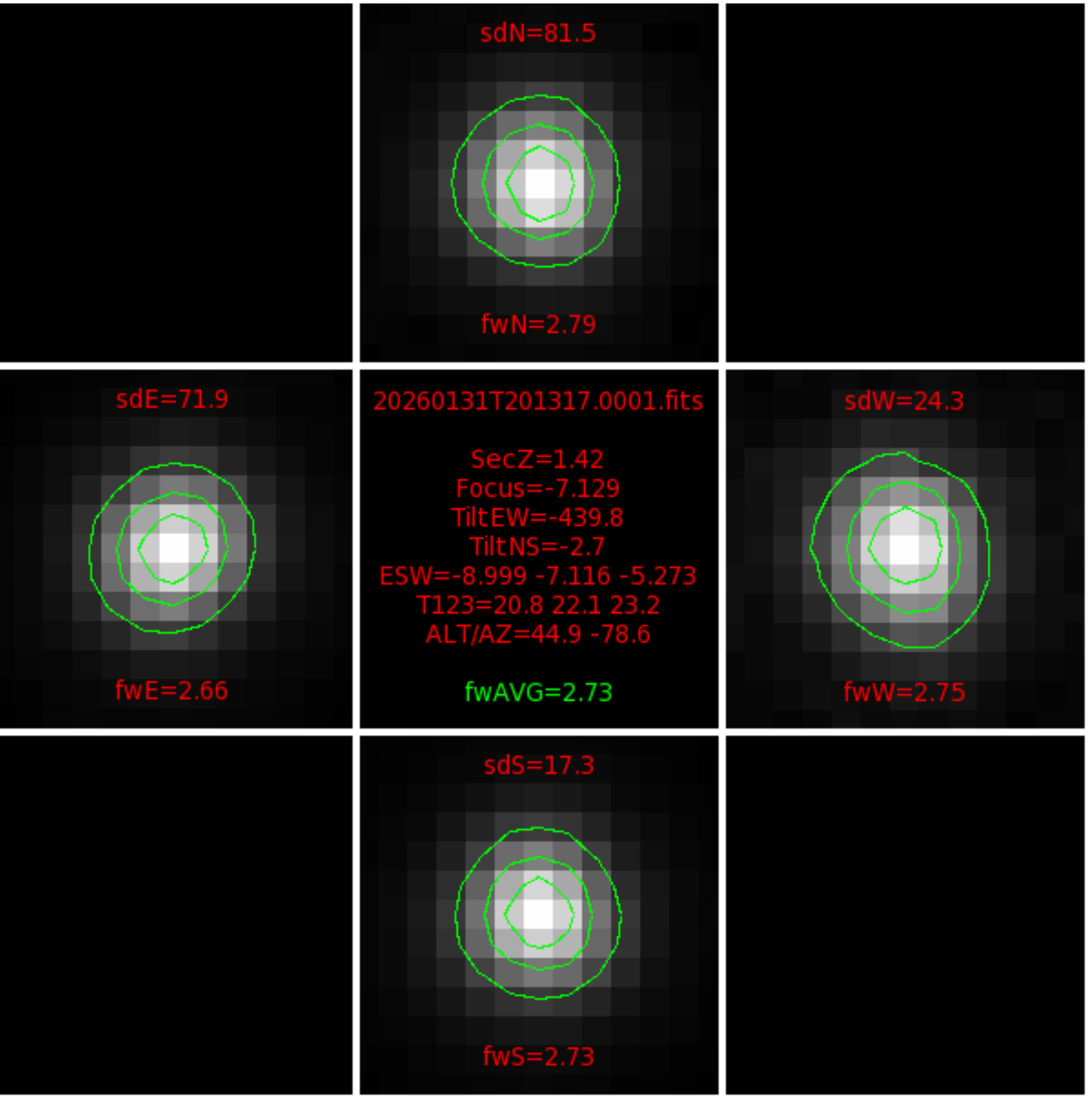

sdN=22.4
fwN=3.00
sdE=1062.7
fwE=3.14
20260131T200841.0001.fits
SecZ=1.40
Focus=-7.136
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.006 -7.123 -5.280
T123=20.9 22.2 23.3
ALT/AZ=45.4 -64.5
fwAVG=2.83
sdW=23.2
fwW=2.89
sdS=21.9
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=24.1
fwN=2.65
sdE=1047.8
fwE=2.71
20260131T200911.0001.fits
SecZ=1.41
Focus=-7.136
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.006 -7.123 -5.280
T123=20.9 22.1 23.3
ALT/AZ=45.3 -64.5
fwAVG=2.63
sdW=19.9
fwW=2.63
sdS=23.7
fwS=2.54
0 0 0 0 0 0 0 0 0


sdN=22.6
fwN=2.71
sdE=791.4
fwE=2.80
20260131T201049.0001.fits
SecZ=1.40
Focus=-7.136
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.006 -7.123 -5.280
T123=20.8 22.1 23.3
ALT/AZ=45.4 -78.8
fwAVG=2.56
sdW=16.8
fwW=2.69
sdS=18.0
fwS=2.04
0 0 0 0 0 0 0 0 0


sdN=39.9
fwN=2.64
sdE=26.2
fwE=2.72
20260131T201121.0001.fits
SecZ=1.41
Focus=-7.136
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.006 -7.123 -5.280
T123=20.8 22.1 23.2
ALT/AZ=45.3 -78.8
fwAVG=2.82
sdW=15.6
fwW=2.95
sdS=14.7
fwS=2.96
0 0 0 0 0 0 0 0 0


sdN=53.1
fwN=2.83
sdE=45.1
fwE=2.60
20260131T201247.0001.fits
SecZ=1.41
Focus=-7.129
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.999 -7.116 -5.273
T123=20.8 22.1 23.1
ALT/AZ=45.0 -78.6
fwAVG=2.92
sdW=17.2
fwW=3.15
sdS=15.4
fwS=3.11
0 0 0 0 0 0 0 0 0


sdN=81.5
fwN=2.79
sdE=71.9
fwE=2.66
20260131T201317.0001.fits
SecZ=1.42
Focus=-7.129
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.999 -7.116 -5.273
T123=20.8 22.1 23.2
ALT/AZ=44.9 -78.6
fwAVG=2.73
sdW=24.3
fwW=2.75
sdS=17.3
fwS=2.73
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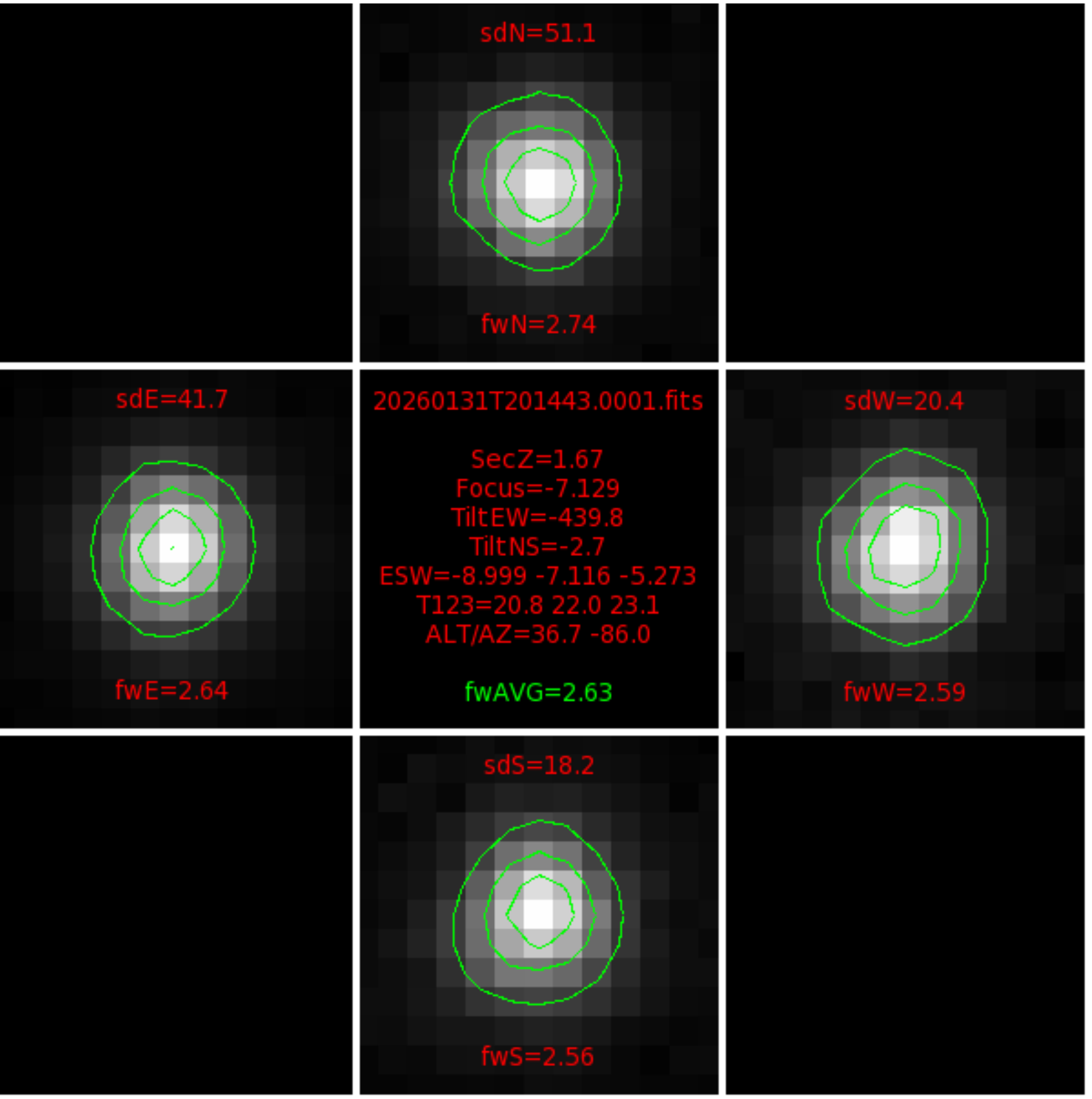
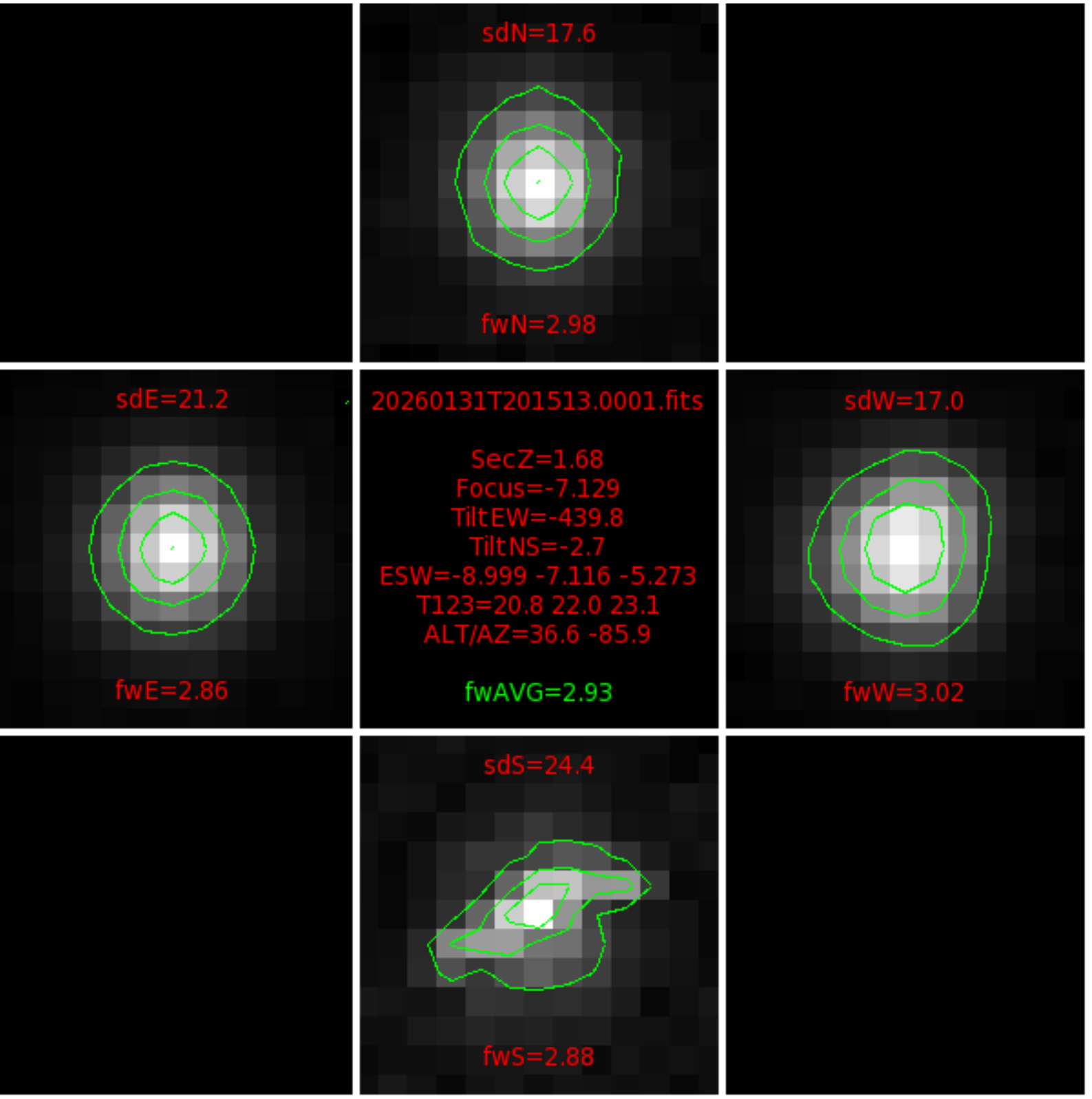
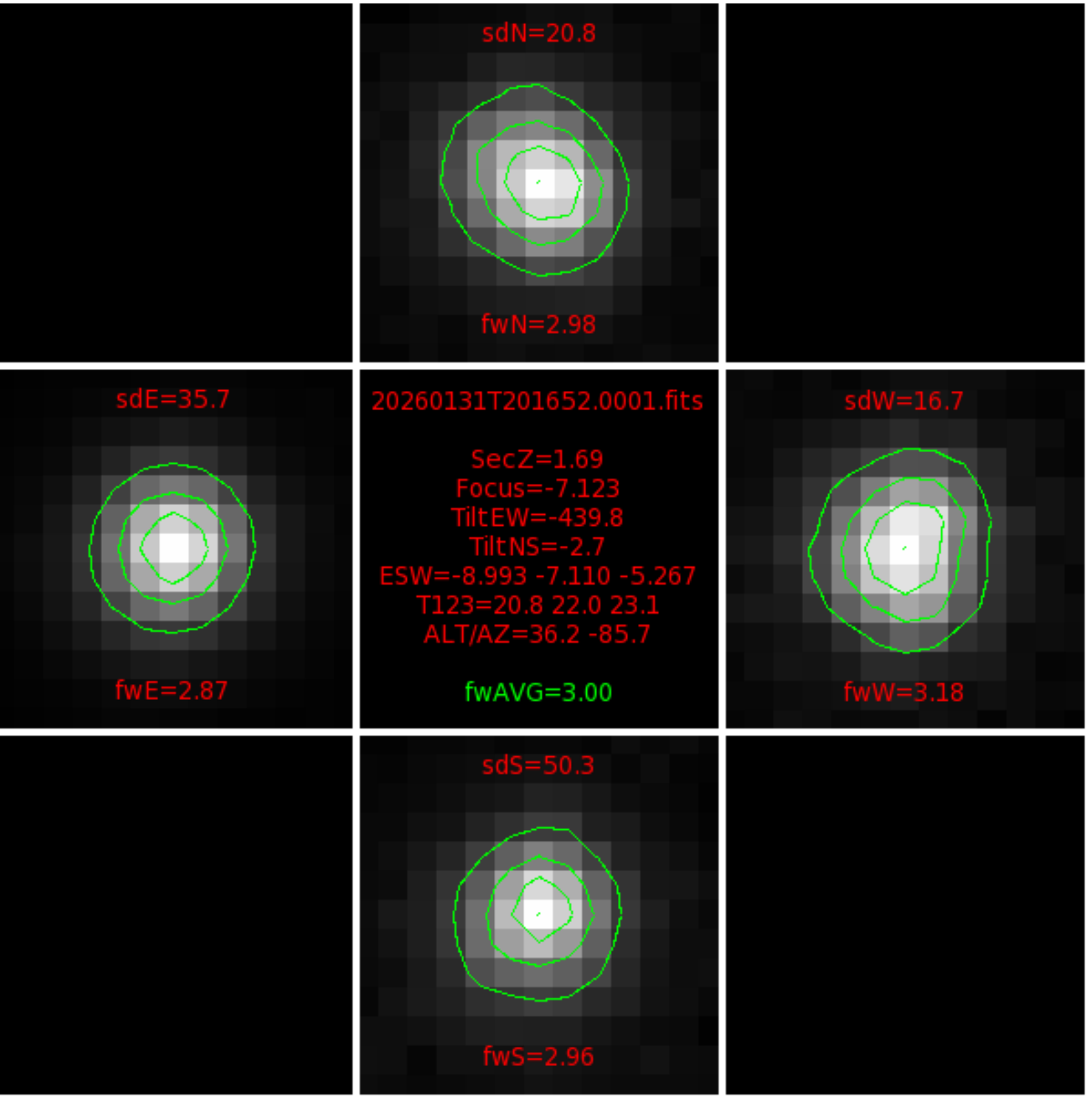

sdN=51.1
fwN=2.74
sdE=41.7
fwE=2.64
20260131T201443.0001.fits
SecZ=1.67
Focus=-7.129
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.999 -7.116 -5.273
T123=20.8 22.0 23.1
ALT/AZ=36.7 -86.0
fwAVG=2.63
sdW=20.4
fwW=2.59
sdS=18.2
fwS=2.56
0 0 0 0 0 0 0 0 0


sdN=17.6
fwN=2.98
sdE=21.2
fwE=2.86
20260131T201513.0001.fits
SecZ=1.68
Focus=-7.129
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.999 -7.116 -5.273
T123=20.8 22.0 23.1
ALT/AZ=36.6 -85.9
fwAVG=2.93
sdW=17.0
fwW=3.02
sdS=24.4
fwS=2.88
0 0 0 0 0 0 0 0 0


sdN=20.8
fwN=2.98
sdE=35.7
fwE=2.87
20260131T201652.0001.fits
SecZ=1.69
Focus=-7.123
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.993 -7.110 -5.267
T123=20.8 22.0 23.1
ALT/AZ=36.2 -85.7
fwAVG=3.00
sdW=16.7
fwW=3.18
sdS=50.3
fwS=2.96
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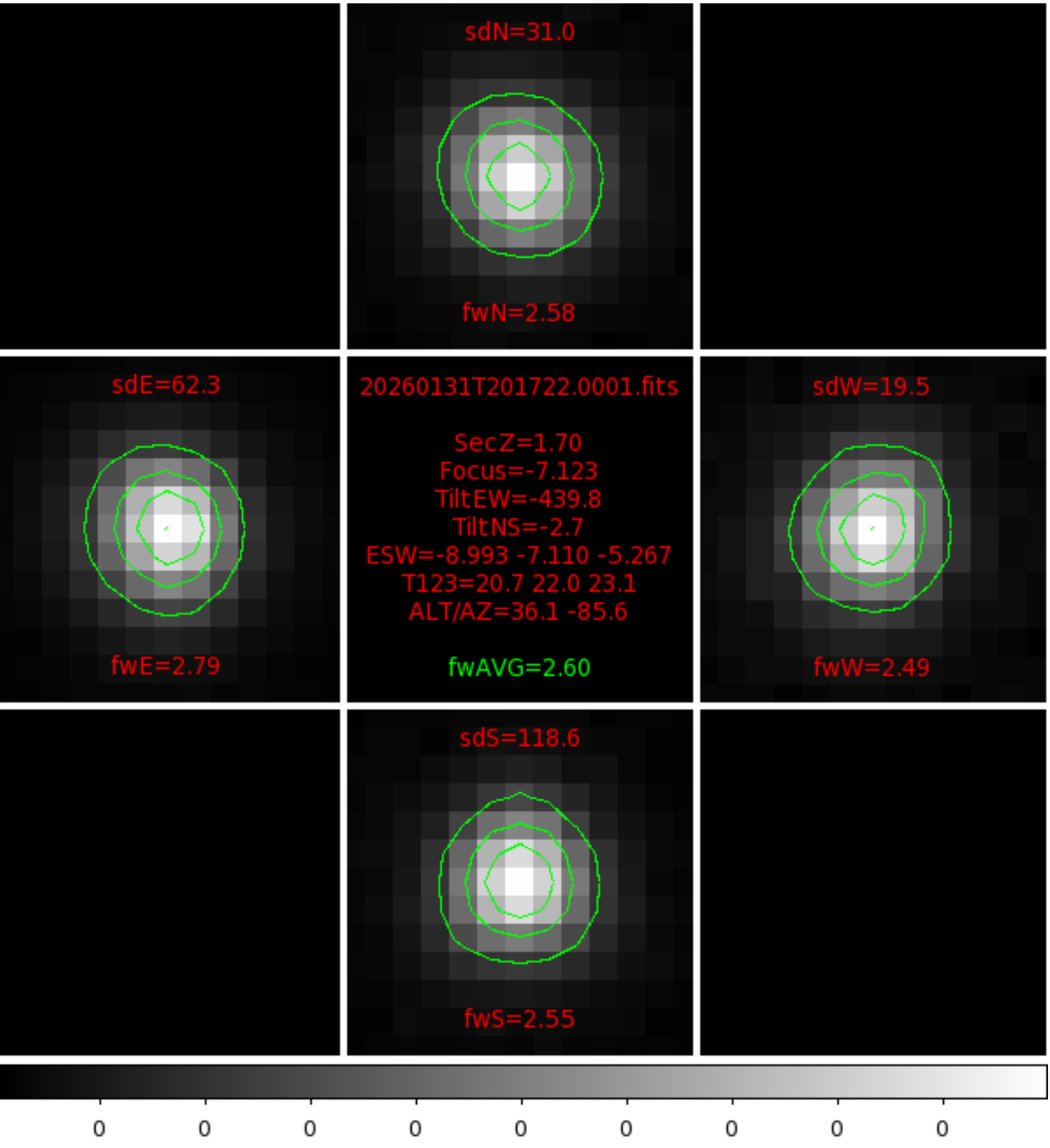
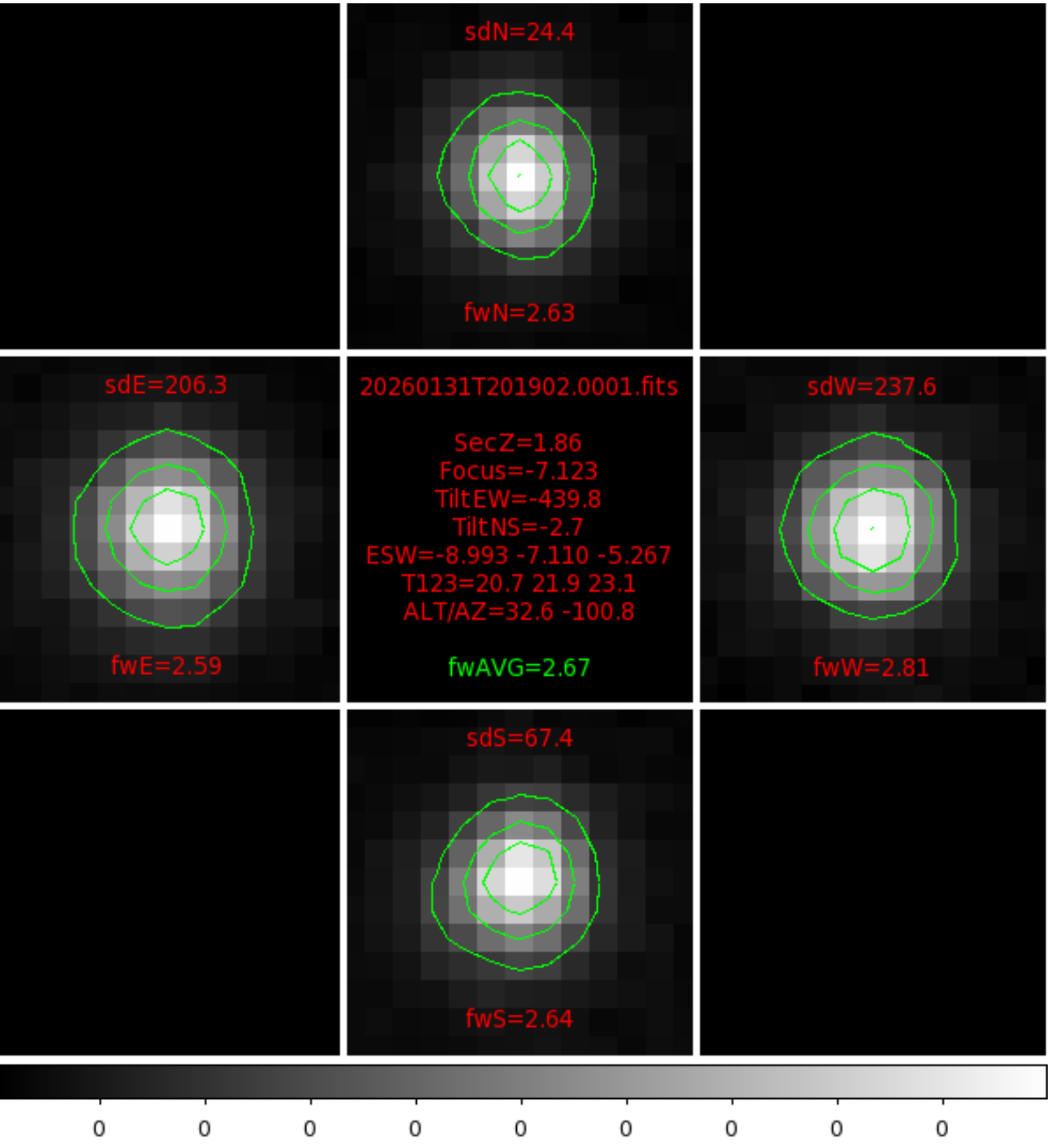

sdN=31.0
fwN=2.58
sdE=62.3
fwE=2.79
20260131T201722.0001.fits
SecZ=1.70
Focus=-7.123
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.993 -7.110 -5.267
T123=20.7 22.0 23.1
ALT/AZ=36.1 -85.6
fwAVG=2.60
sdW=19.5
fwW=2.49
sdS=118.6
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=24.4
fwN=2.63
sdE=206.3
fwE=2.59
20260131T201902.0001.fits
SecZ=1.86
Focus=-7.123
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.993 -7.110 -5.267
T123=20.7 21.9 23.1
ALT/AZ=32.6 -100.8
fwAVG=2.67
sdW=237.6
fwW=2.81
sdS=67.4
fwS=2.64
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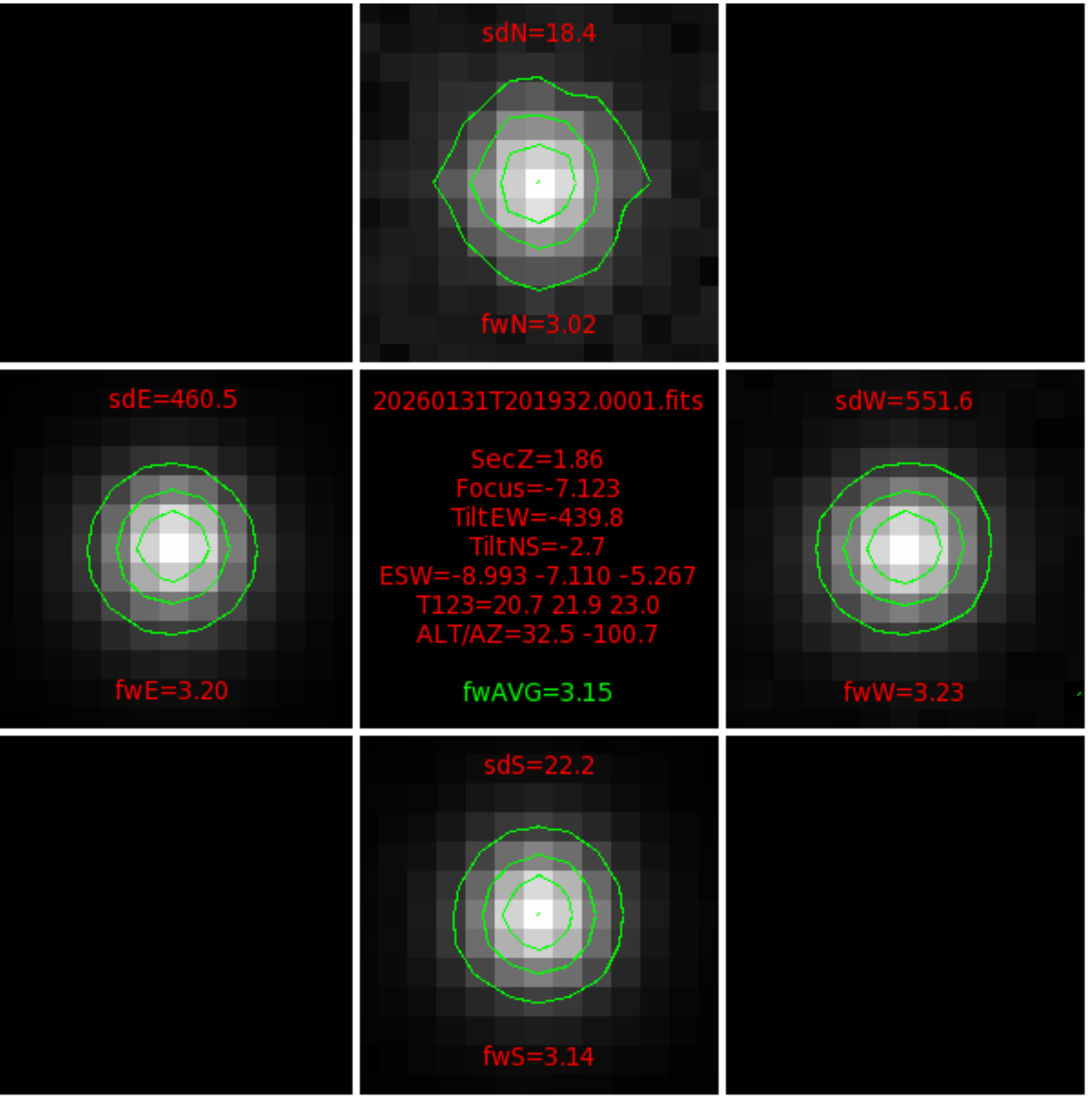
sdN=18.4
fwN=3.02
sdE=460.5
fwE=3.20
20260131T201932.0001.fits
SecZ=1.86
Focus=-7.123
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.993 -7.110 -5.267
T123=20.7 21.9 23.0
ALT/AZ=32.5 -100.7
fwAVG=3.15
sdW=551.6
fwW=3.23
sdS=22.2
fwS=3.14
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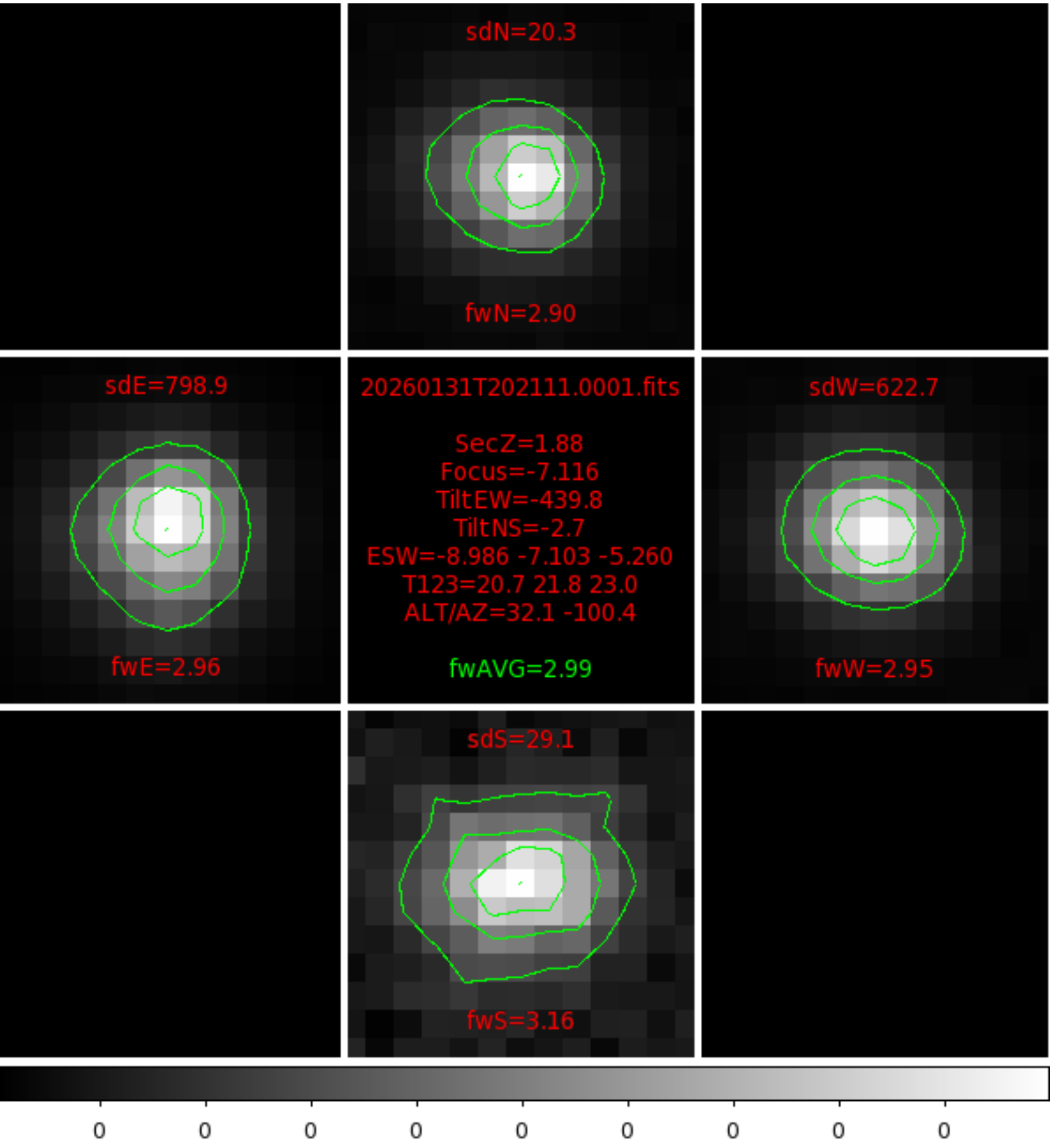
sdN=20.3
fwN=2.90
sdE=798.9
fwE=2.96
20260131T202111.0001.fits
SecZ=1.88
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.7 21.8 23.0
ALT/AZ=32.1 -100.4
fwAVG=2.99
sdW=622.7
fwW=2.95
sdS=29.1
fwS=3.16
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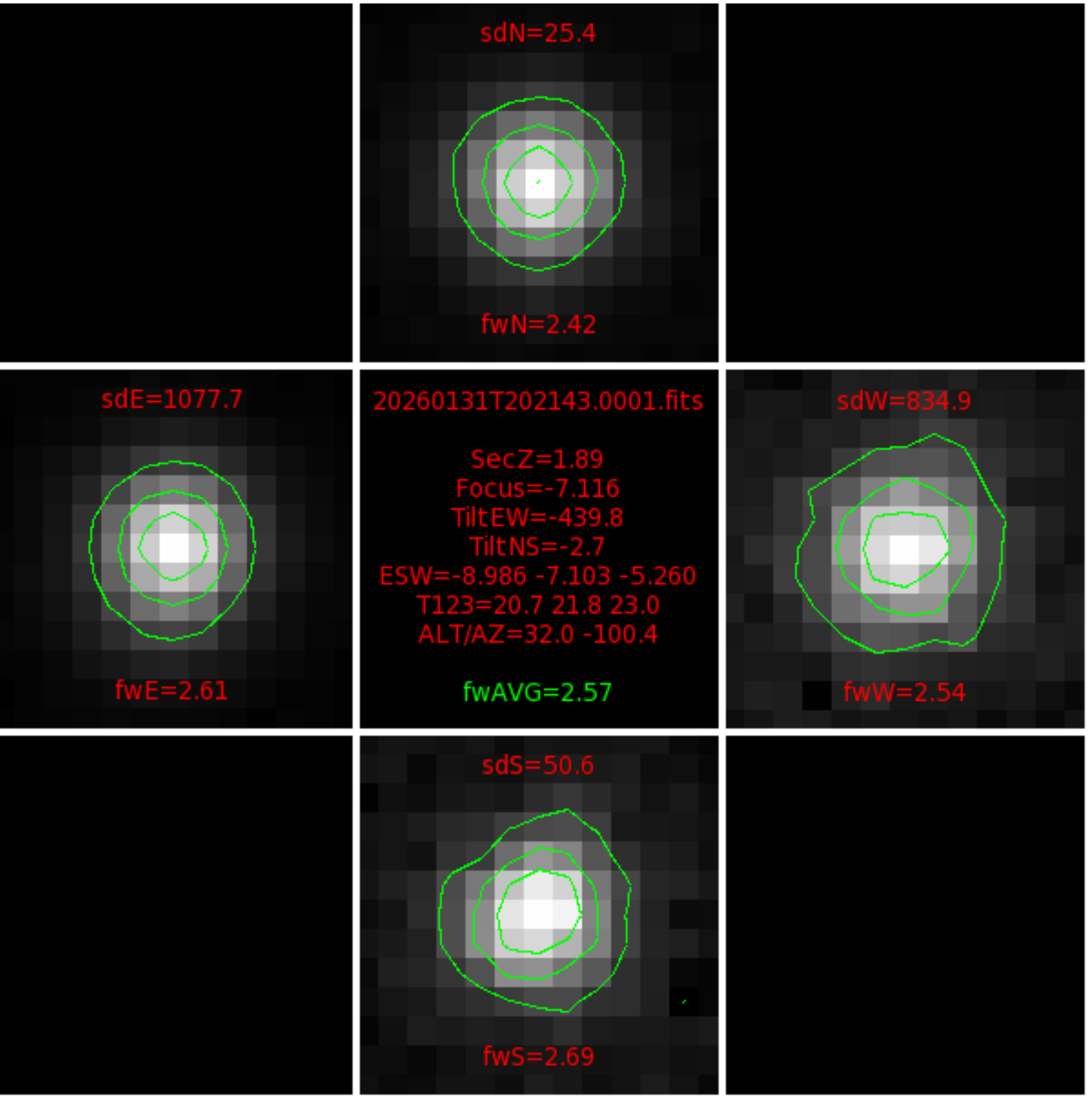
sdN=25.4
fwN=2.42
sdE=1077.7
fwE=2.61
20260131T202143.0001.fits
SecZ=1.89
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.7 21.8 23.0
ALT/AZ=32.0 -100.4
fwAVG=2.57
sdW=834.9
fwW=2.54
sdS=50.6
fwS=2.69
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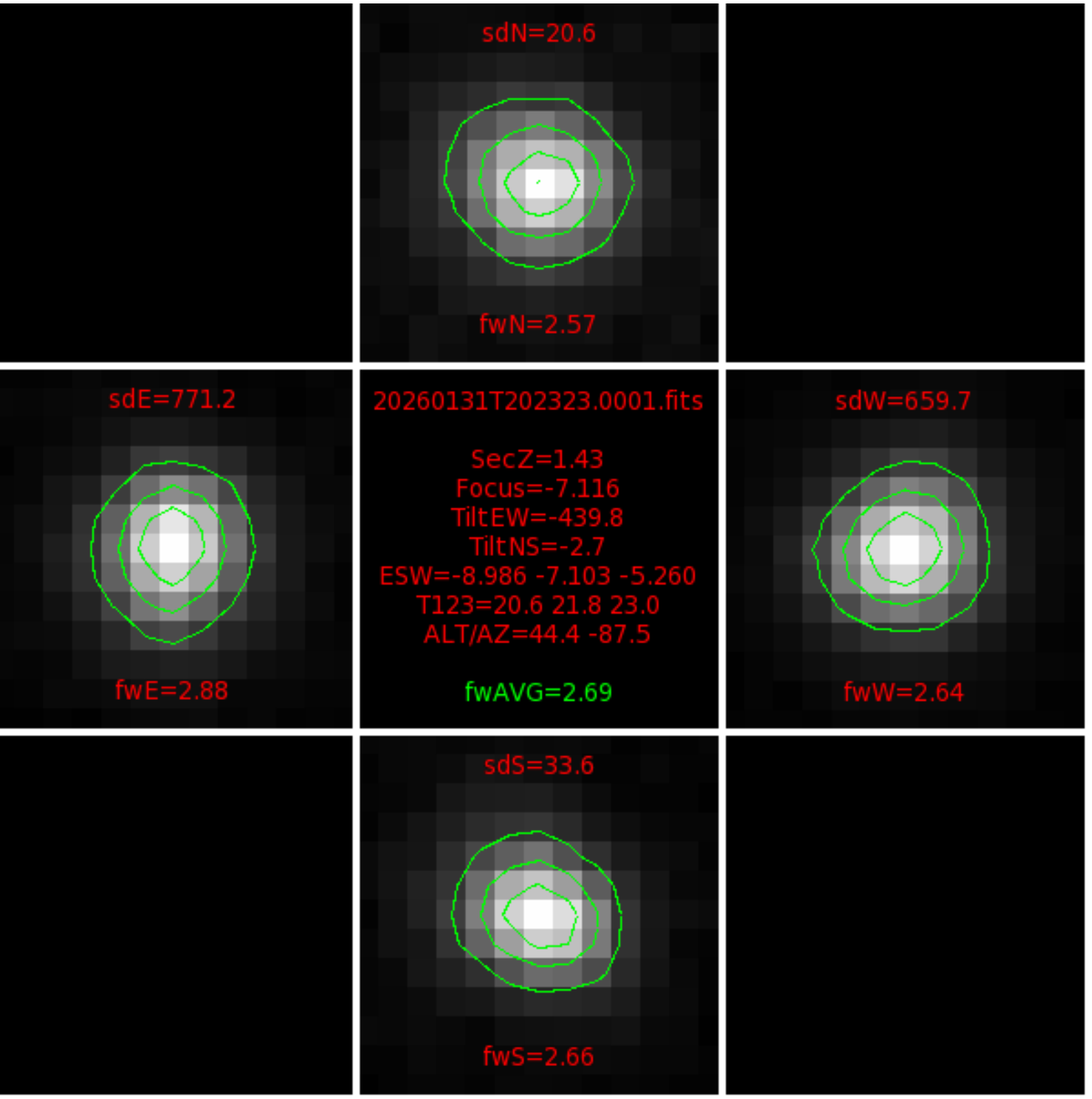
sdN=20.6
fwN=2.57
sdE=771.2
fwE=2.88
20260131T202323.0001.fits
SecZ=1.43
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.6 21.8 23.0
ALT/AZ=44.4 -87.5
fwAVG=2.69
sdW=659.7
fwW=2.64
sdS=33.6
fwS=2.66
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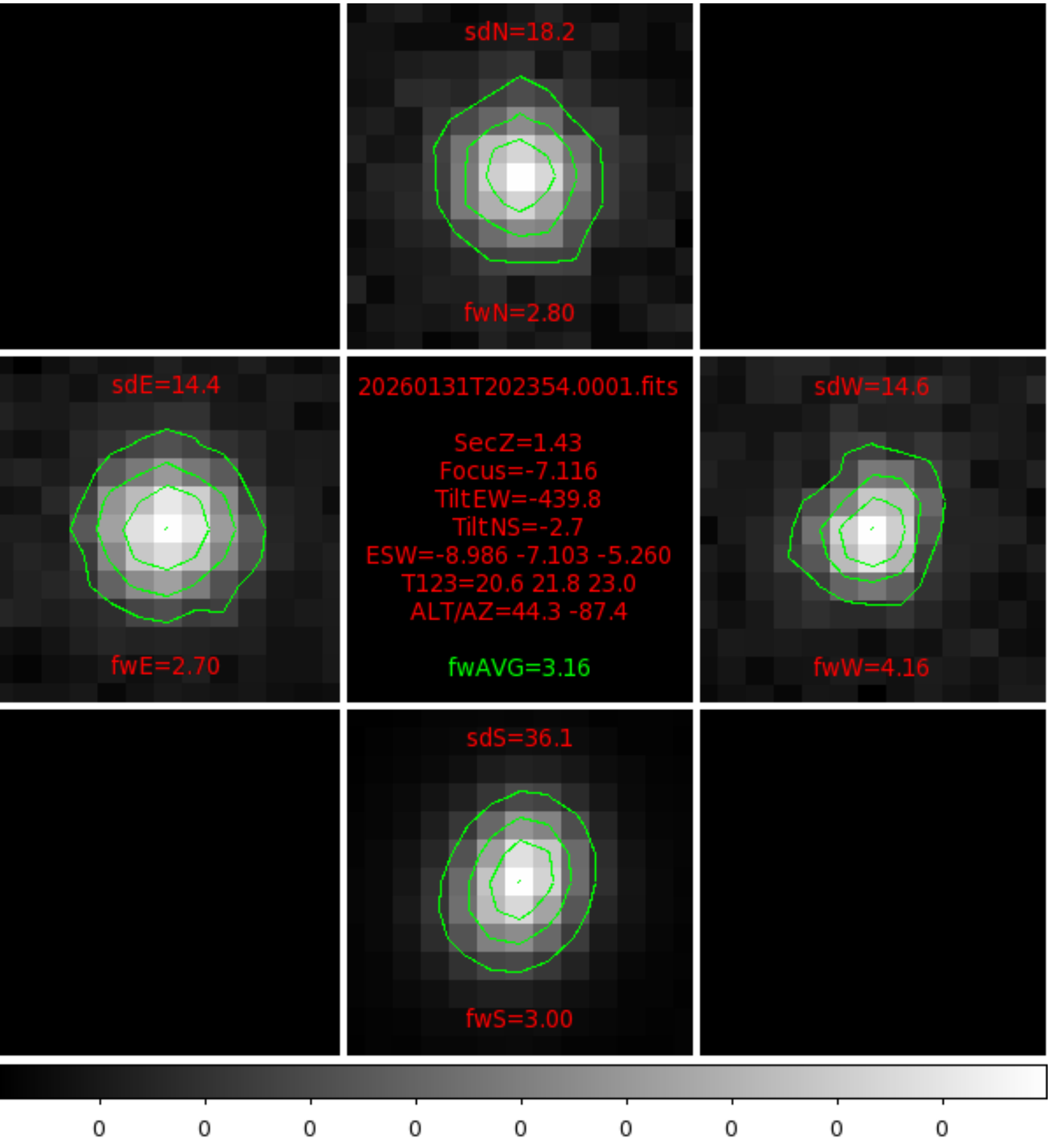
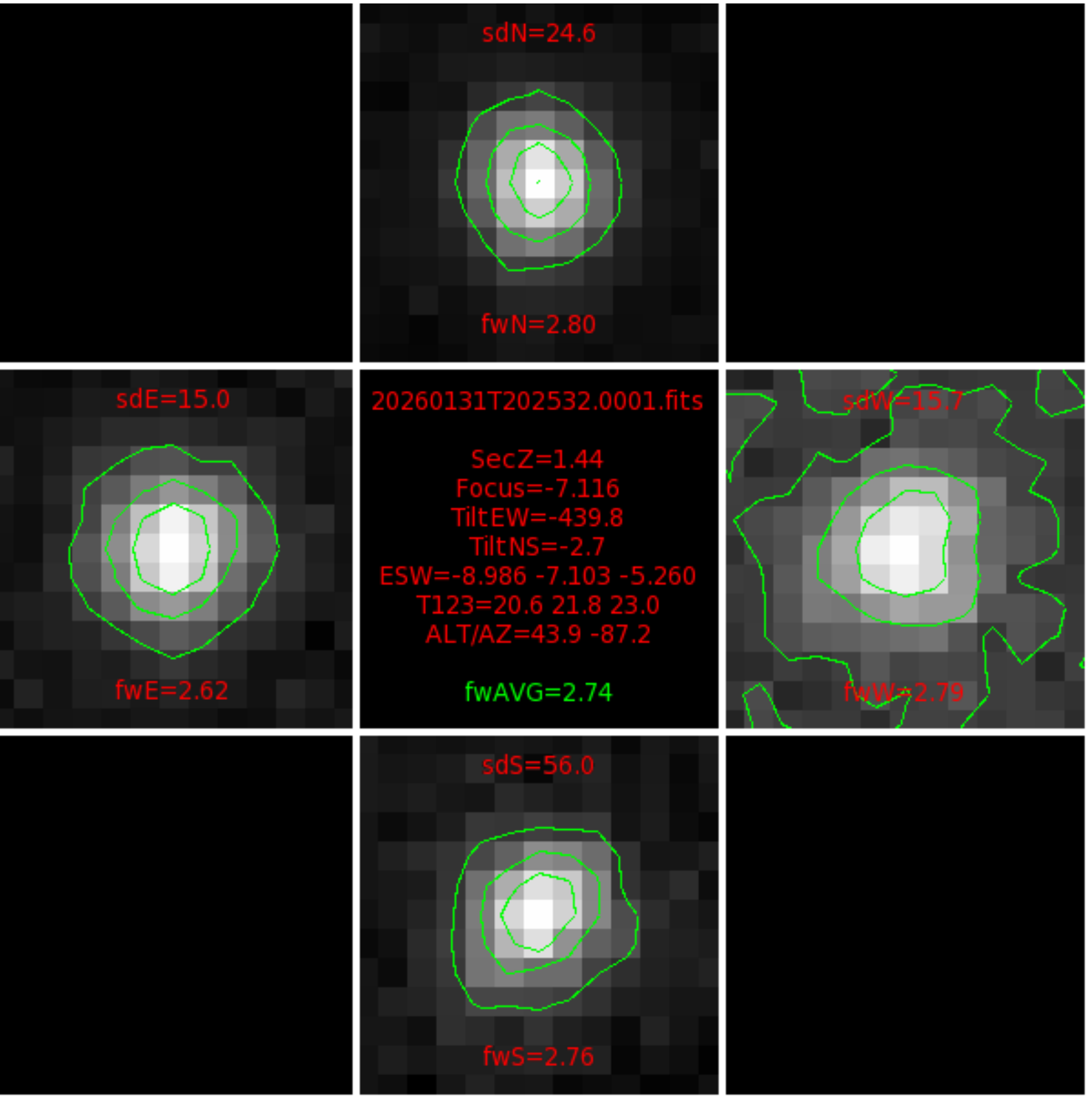

sdN=18.2
fwN=2.80
sdE=14.4
fwE=2.70
20260131T202354.0001.fits
SecZ=1.43
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.6 21.8 23.0
ALT/AZ=44.3 -87.4
fwAVG=3.16
sdW=14.6
fwW=4.16
sdS=36.1
fwS=3.00
0 0 0 0 0 0 0 0 0


sdN=24.6
fwN=2.80
sdE=15.0
fwE=2.62
20260131T202532.0001.fits
SecZ=1.44
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.6 21.8 23.0
ALT/AZ=43.9 -87.2
fwAVG=2.74
sdW=15.7
fwW=2.79
sdS=56.0
fwS=2.76
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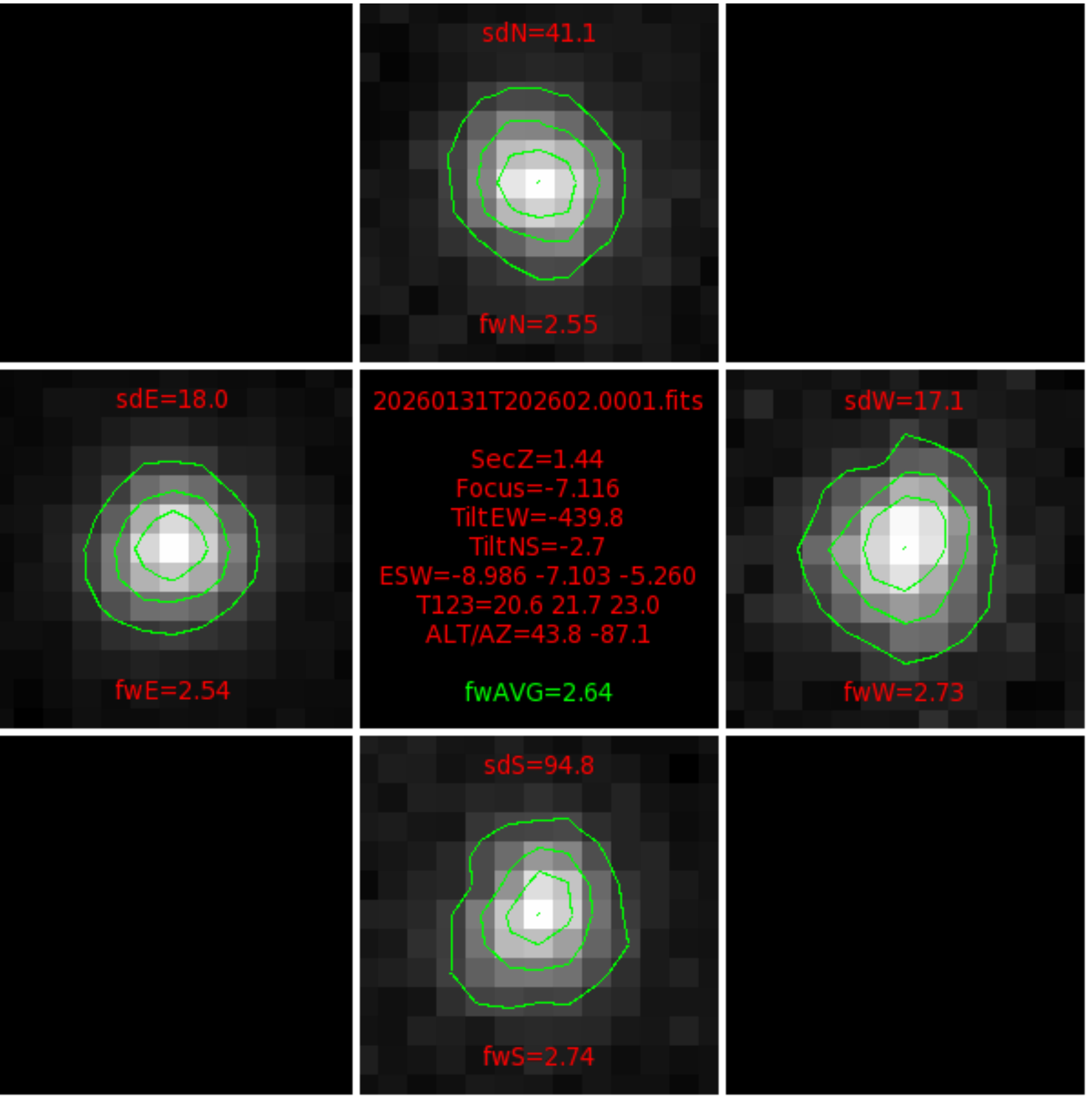
sdN=41.1
fwN=2.55
sdE=18.0
fwE=2.54
20260131T202602.0001.fits
SecZ=1.44
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.6 21.7 23.0
ALT/AZ=43.8 -87.1
fwAVG=2.64
sdW=17.1
fwW=2.73
sdS=94.8
fwS=2.74
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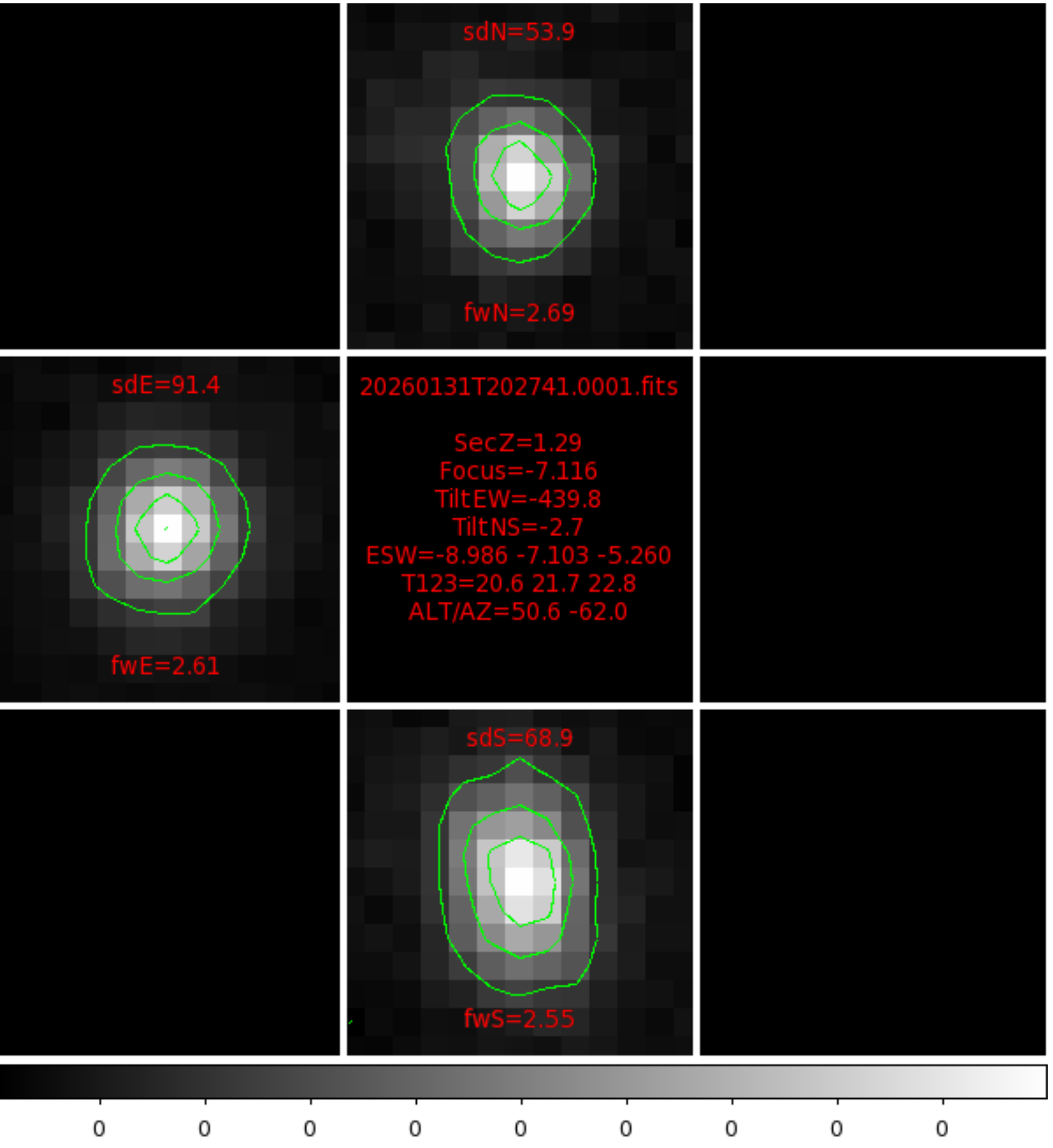
sdN=53.9
fwN=2.69
sdE=91.4
fwE=2.61
20260131T202741.0001.fits
SecZ=1.29
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.6 21.7 22.8
ALT/AZ=50.6 -62.0
sdS=68.9
fwS=2.55
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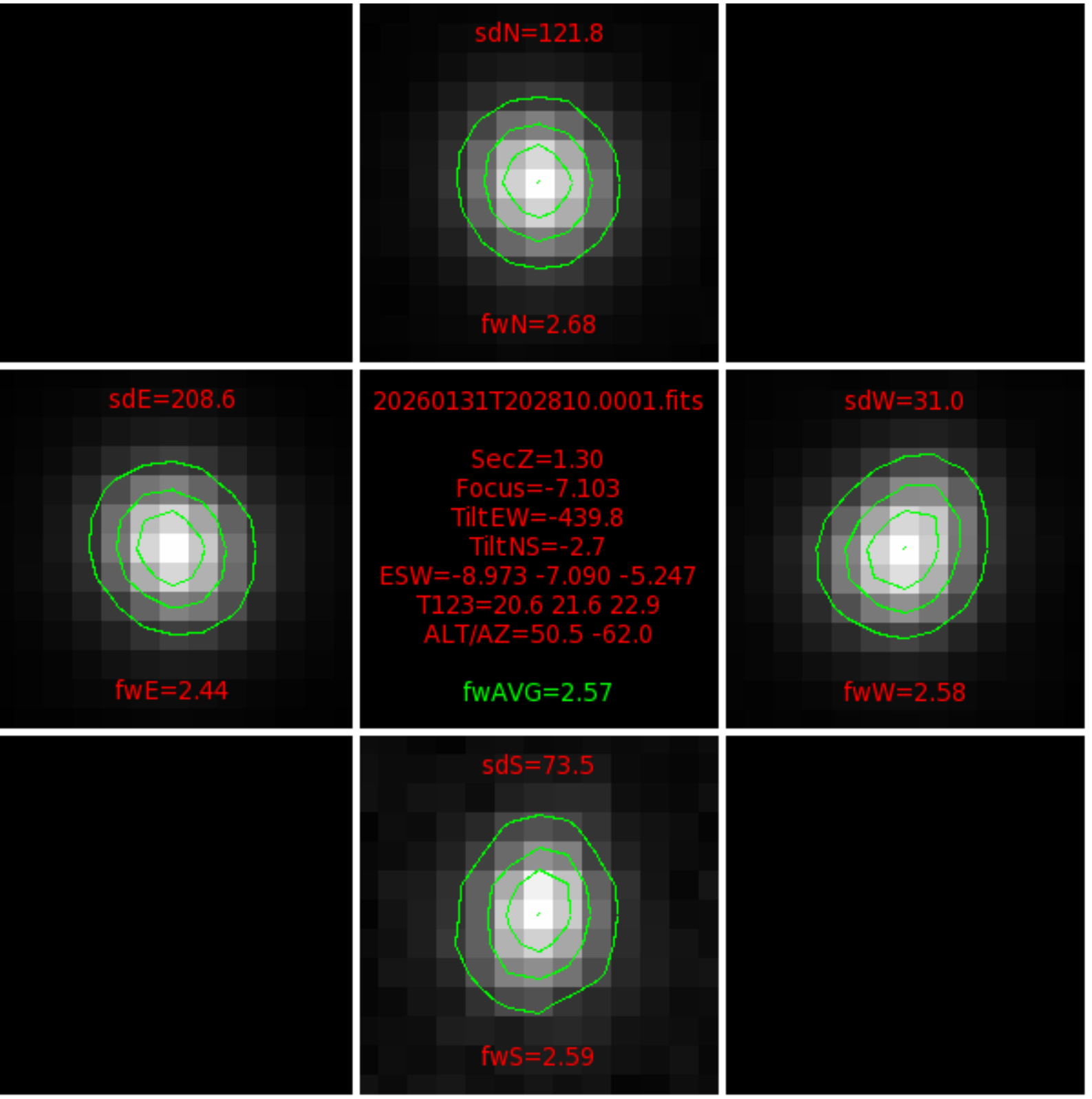
sdN=121.8
fwN=2.68
sdE=208.6
fwE=2.44
20260131T202810.0001.fits
SecZ=1.30
Focus=-7.103
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.973 -7.090 -5.247
T123=20.6 21.6 22.9
ALT/AZ=50.5 -62.0
fwAVG=2.57
sdW=31.0
fwW=2.58
sdS=73.5
fwS=2.59
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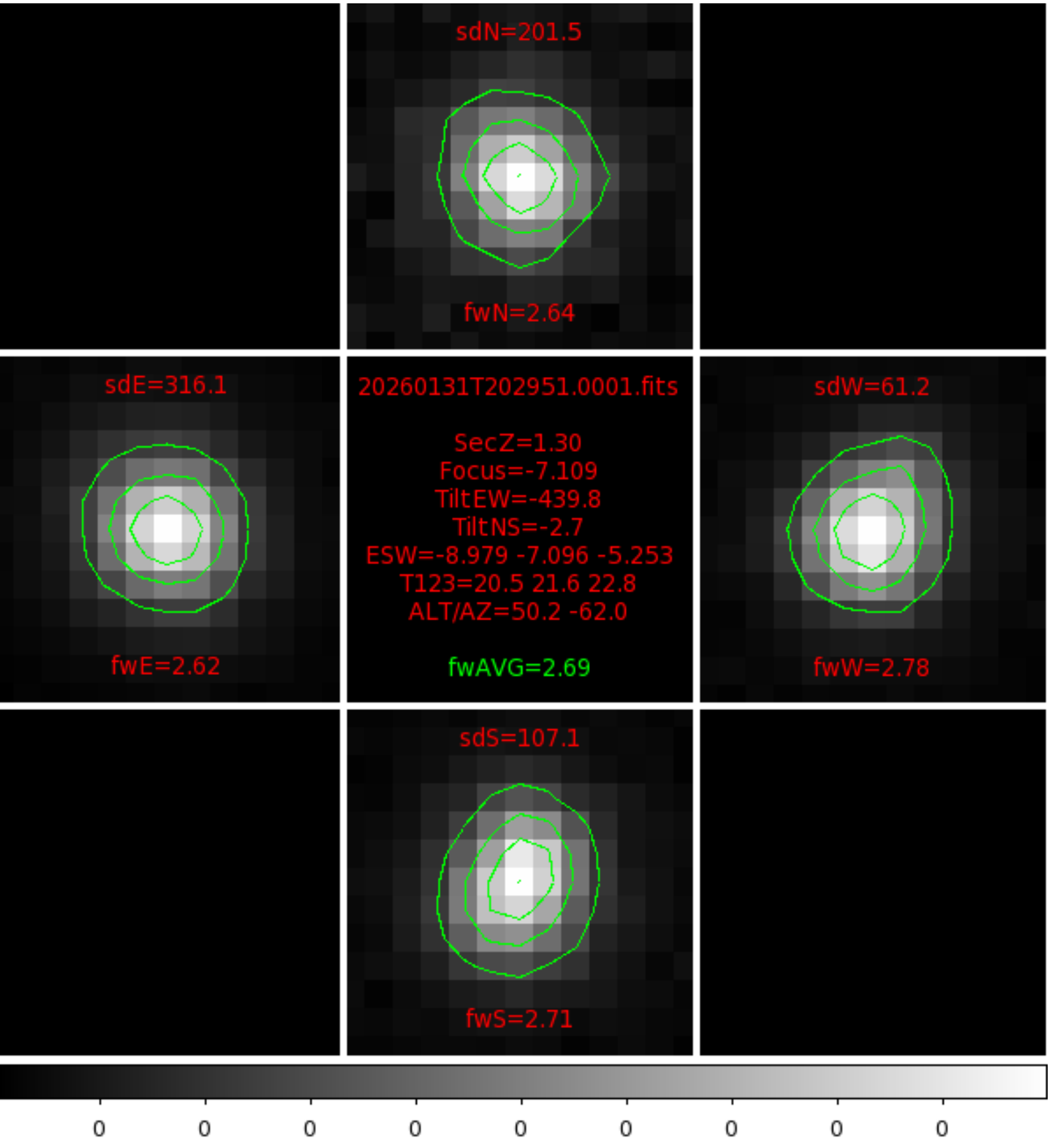
sdN=201.5
fwN=2.64
sdE=316.1
fwE=2.62
20260131T202951.0001.fits
SecZ=1.30
Focus=-7.109
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.979 -7.096 -5.253
T123=20.5 21.6 22.8
ALT/AZ=50.2 -62.0
fwAVG=2.69
sdW=61.2
fwW=2.78
sdS=107.1
fwS=2.71
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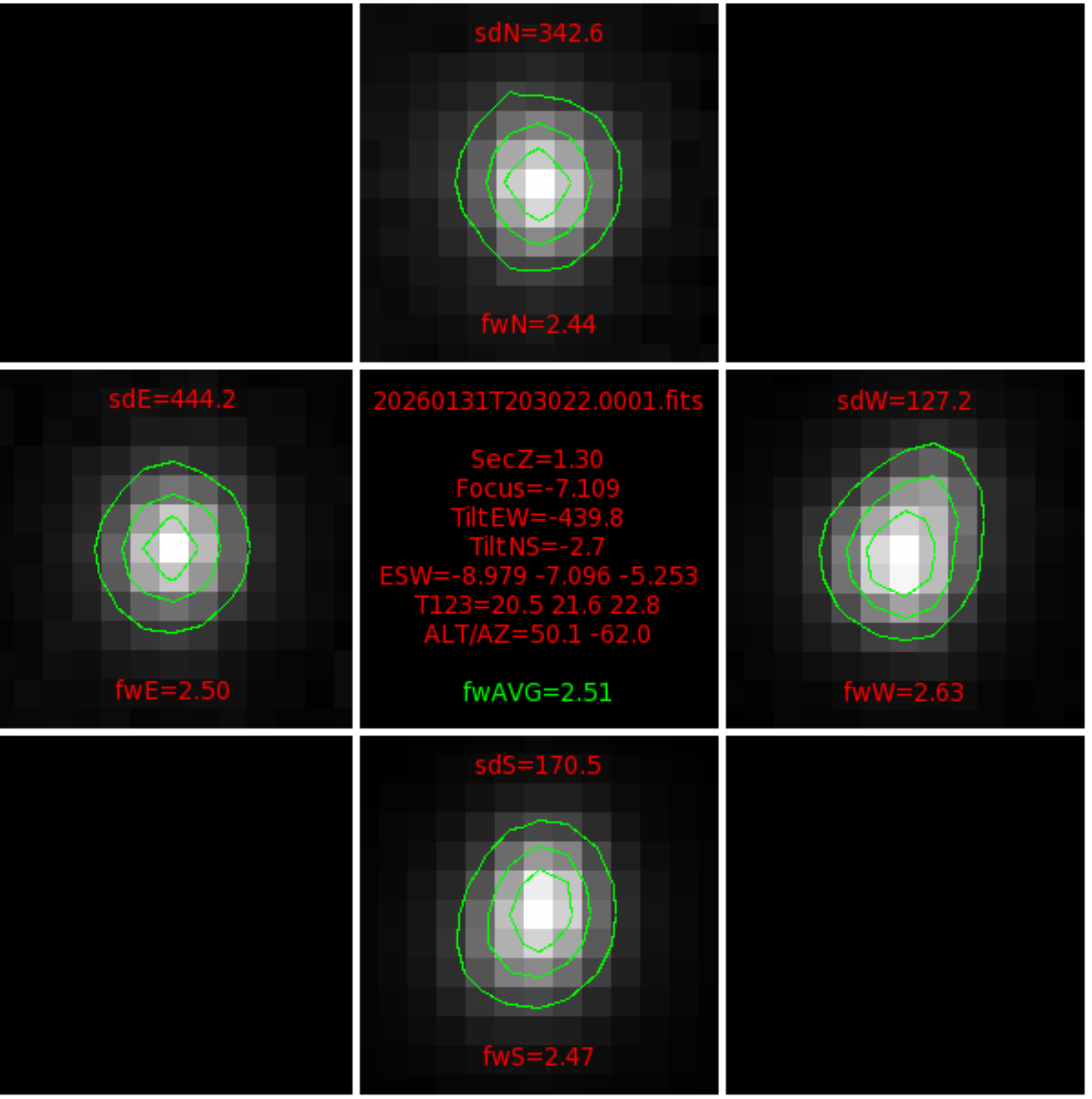
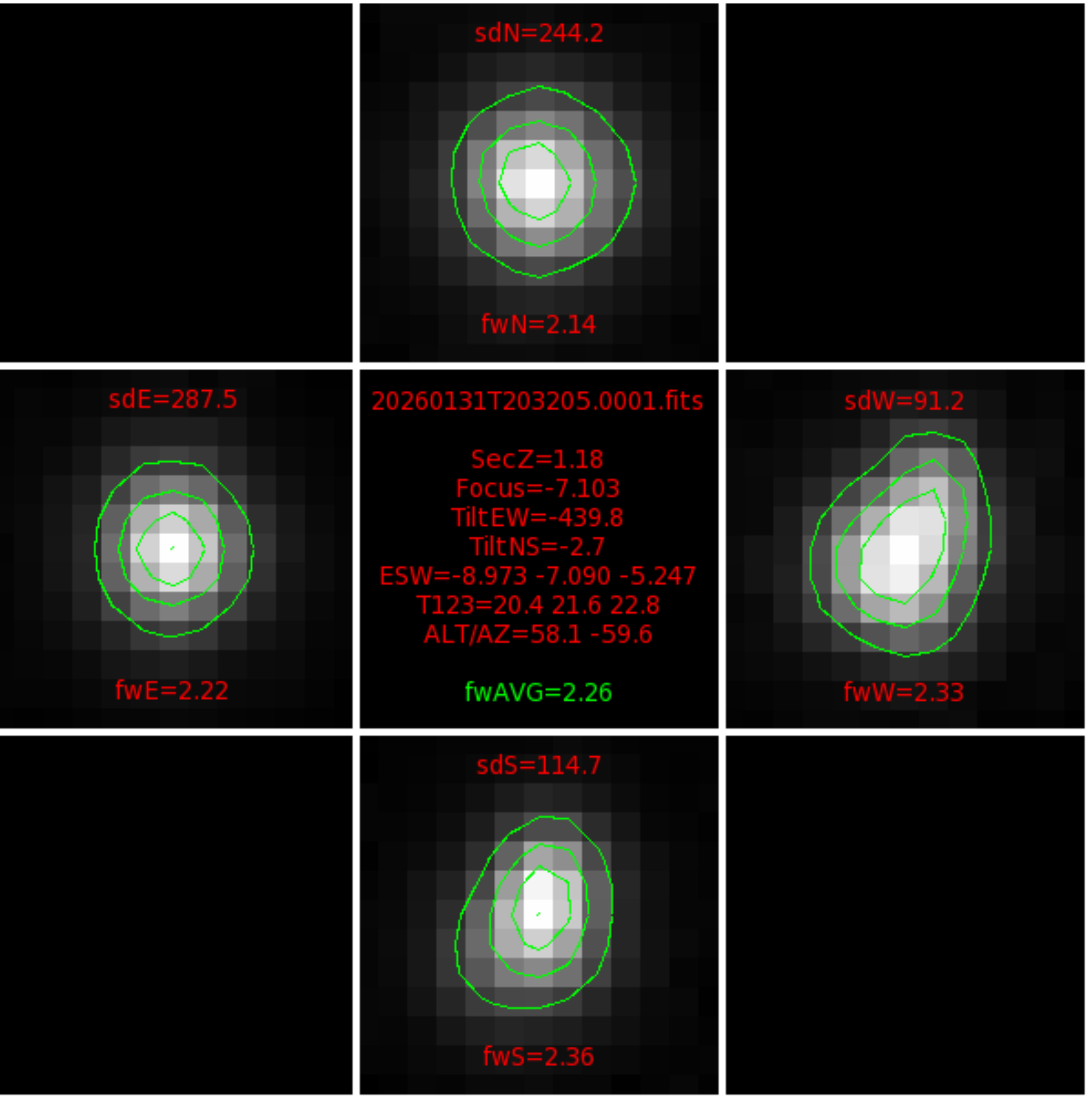

sdN=342.6
fwN=2.44
sdE=444.2
fwE=2.50
20260131T203022.0001.fits
SecZ=1.30
Focus=-7.109
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.979 -7.096 -5.253
T123=20.5 21.6 22.8
ALT/AZ=50.1 -62.0
fwAVG=2.51
sdW=127.2
fwW=2.63
sdS=170.5
fwS=2.47
0 0 0 0 0 0 0 0 0


sdN=244.2
fwN=2.14
sdE=287.5
fwE=2.22
20260131T203205.0001.fits
SecZ=1.18
Focus=-7.103
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.973 -7.090 -5.247
T123=20.4 21.6 22.8
ALT/AZ=58.1 -59.6
fwAVG=2.26
sdW=91.2
fwW=2.33
sdS=114.7
fwS=2.36
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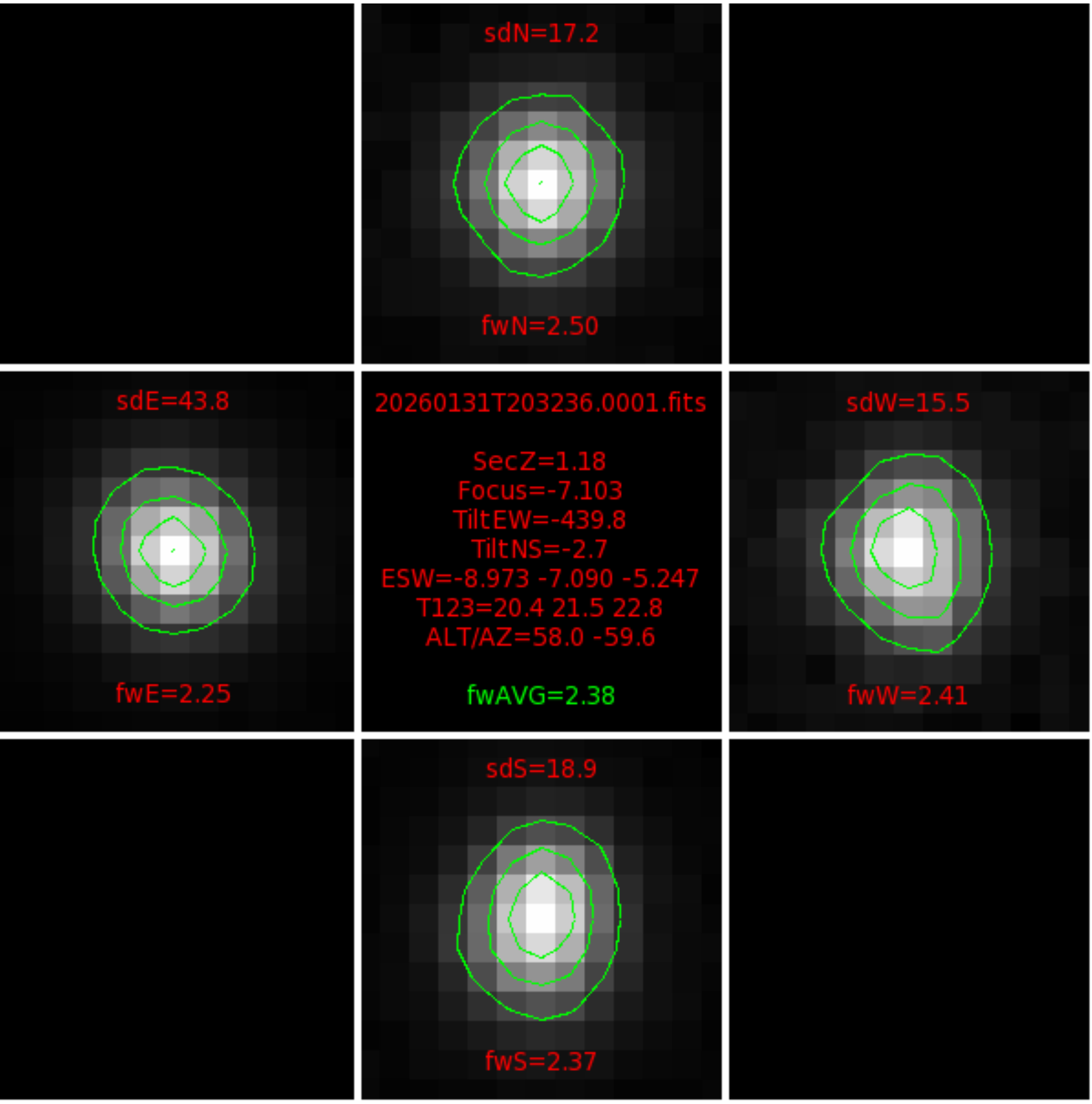
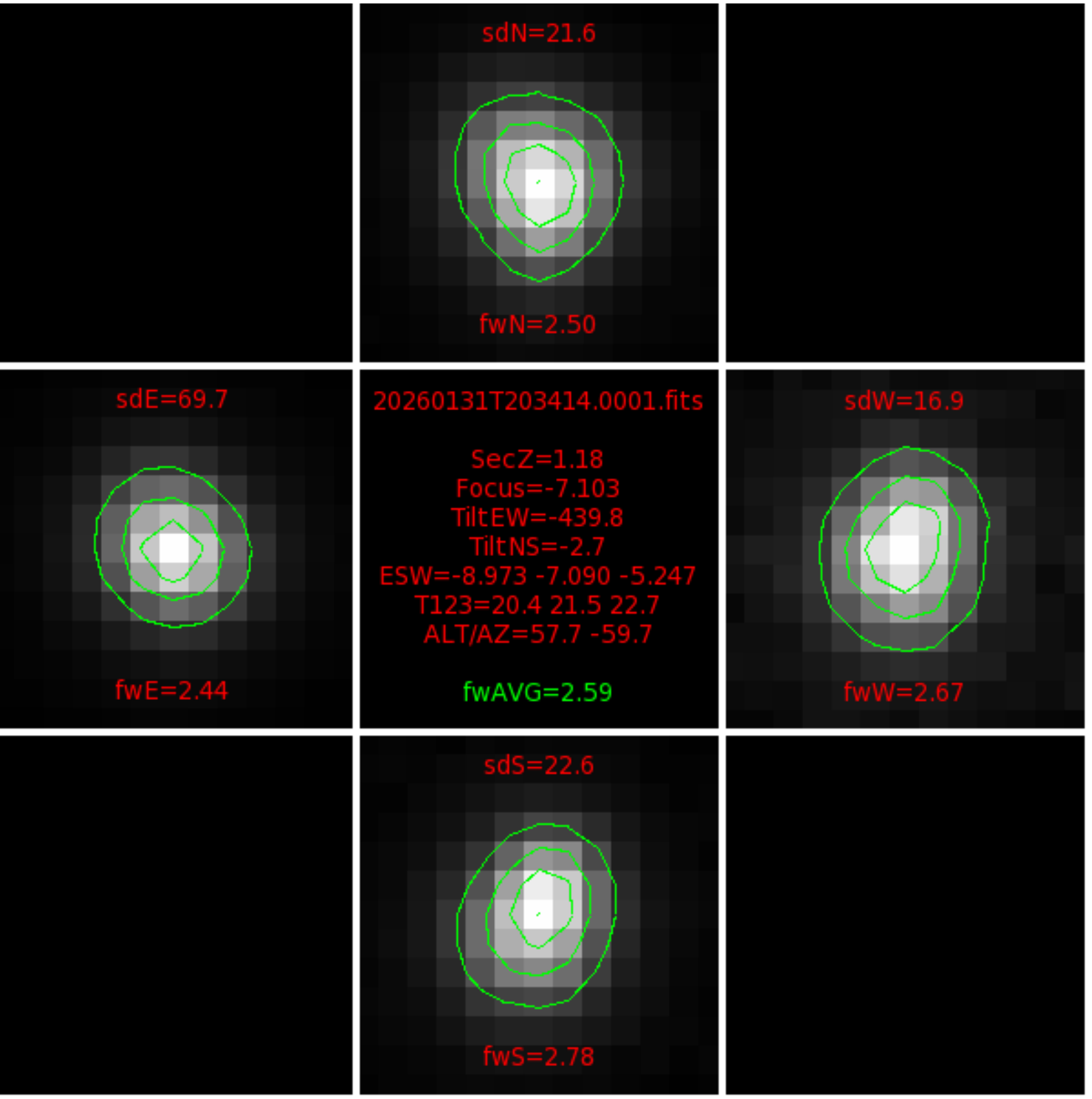
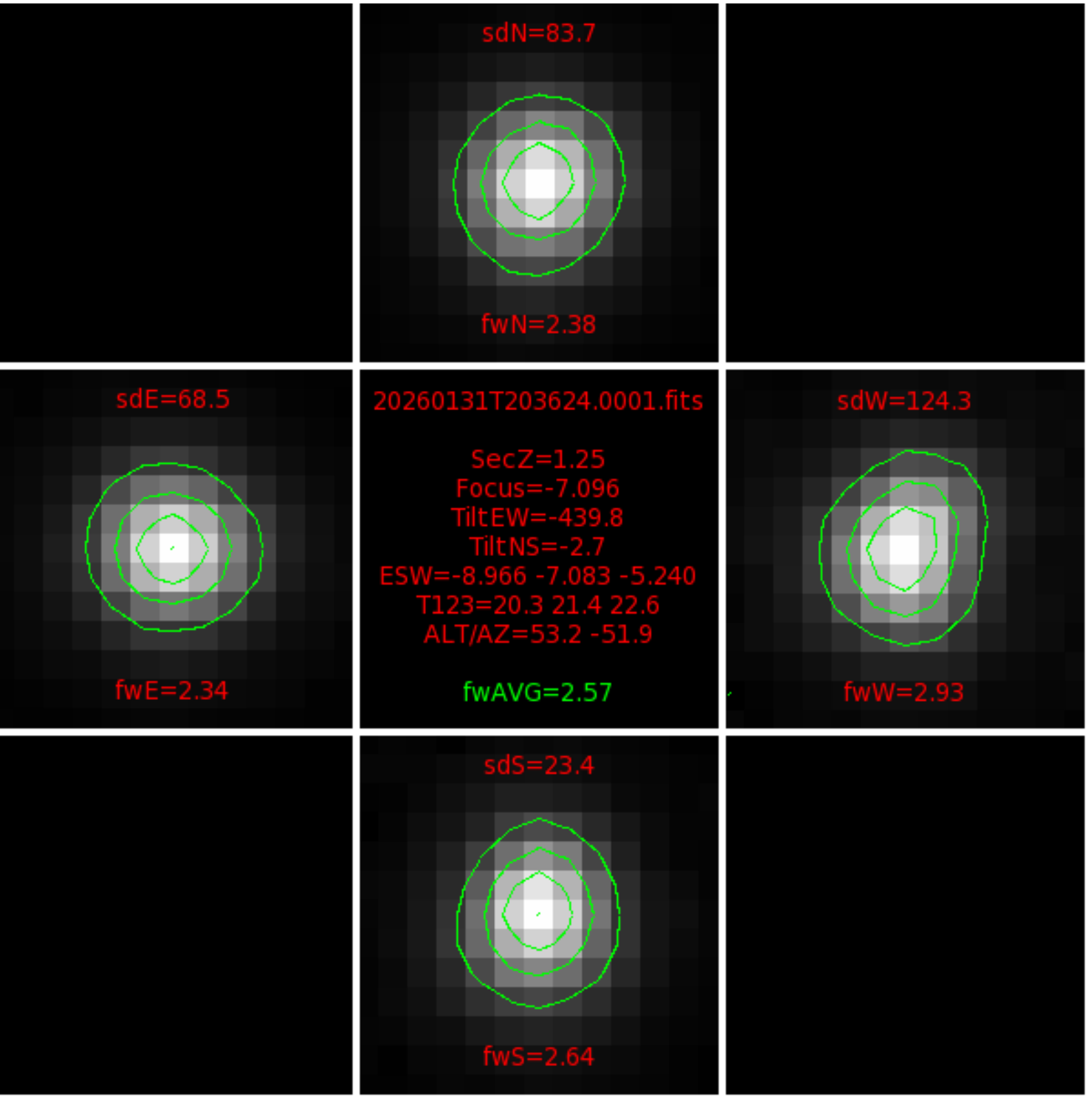

sdN=17.2
fwN=2.50
sdE=43.8
fwE=2.25
20260131T203236.0001.fits
SecZ=1.18
Focus=-7.103
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.973 -7.090 -5.247
T123=20.4 21.5 22.8
ALT/AZ=58.0 -59.6
fwAVG=2.38
sdW=15.5
fwW=2.41
sdS=18.9
fwS=2.37
0 0 0 0 0 0 0 0 0


sdN=21.6
fwN=2.50
sdE=69.7
fwE=2.44
20260131T203414.0001.fits
SecZ=1.18
Focus=-7.103
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.973 -7.090 -5.247
T123=20.4 21.5 22.7
ALT/AZ=57.7 -59.7
fwAVG=2.59
sdW=16.9
fwW=2.67
sdS=22.6
fwS=2.78
0 0 0 0 0 0 0 0 0


sdN=83.7
fwN=2.38
sdE=68.5
fwE=2.34
20260131T203624.0001.fits
SecZ=1.25
Focus=-7.096
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.966 -7.083 -5.240
T123=20.3 21.4 22.6
ALT/AZ=53.2 -51.9
fwAVG=2.57
sdW=124.3
fwW=2.93
sdS=23.4
fwS=2.64
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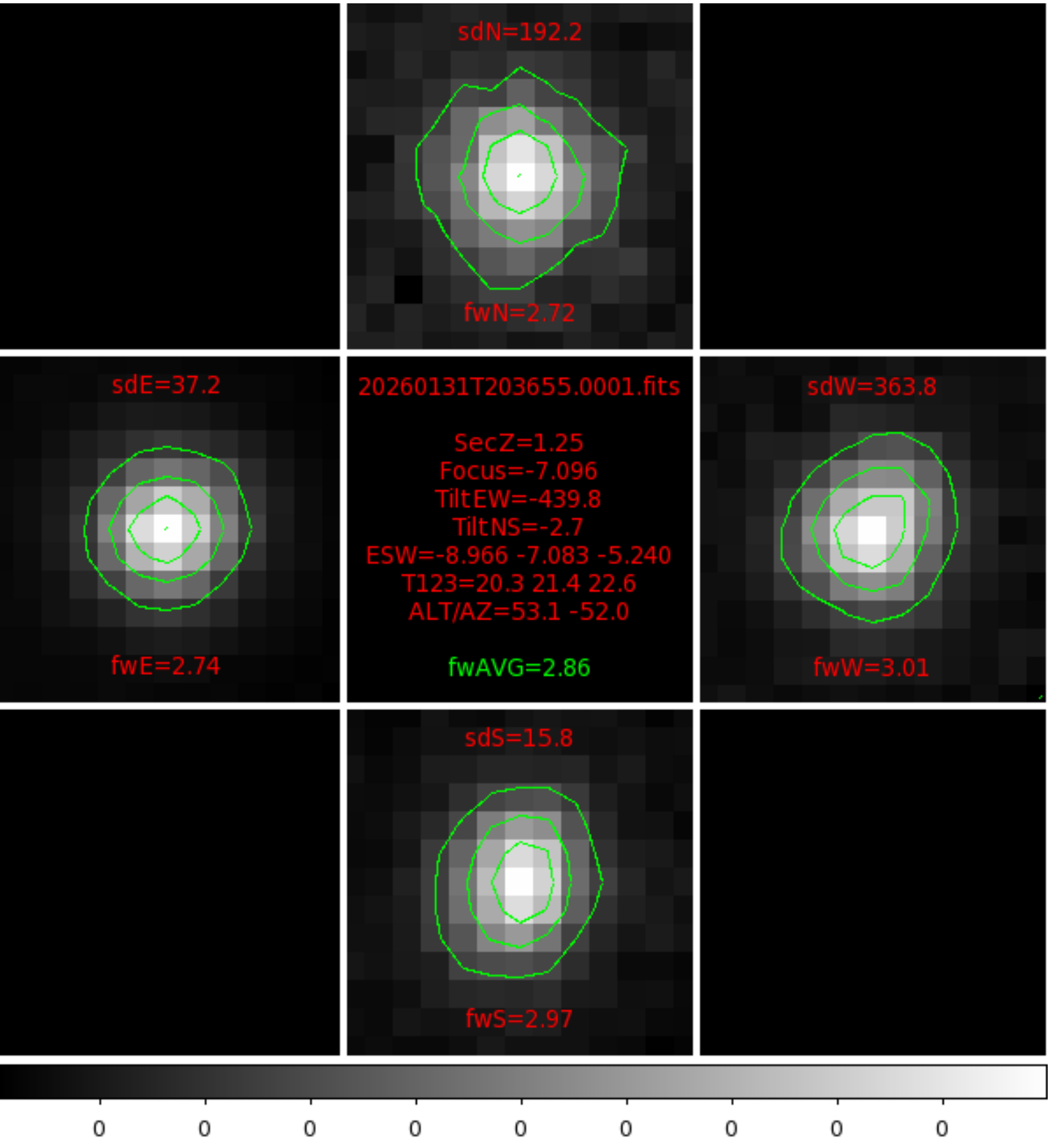
sdN=192.2
fwN=2.72
sdE=37.2
fwE=2.74
20260131T203655.0001.fits
SecZ=1.25
Focus=-7.096
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.966 -7.083 -5.240
T123=20.3 21.4 22.6
ALT/AZ=53.1 -52.0
fwAVG=2.86
sdW=363.8
fwW=3.01
sdS=15.8
fwS=2.97
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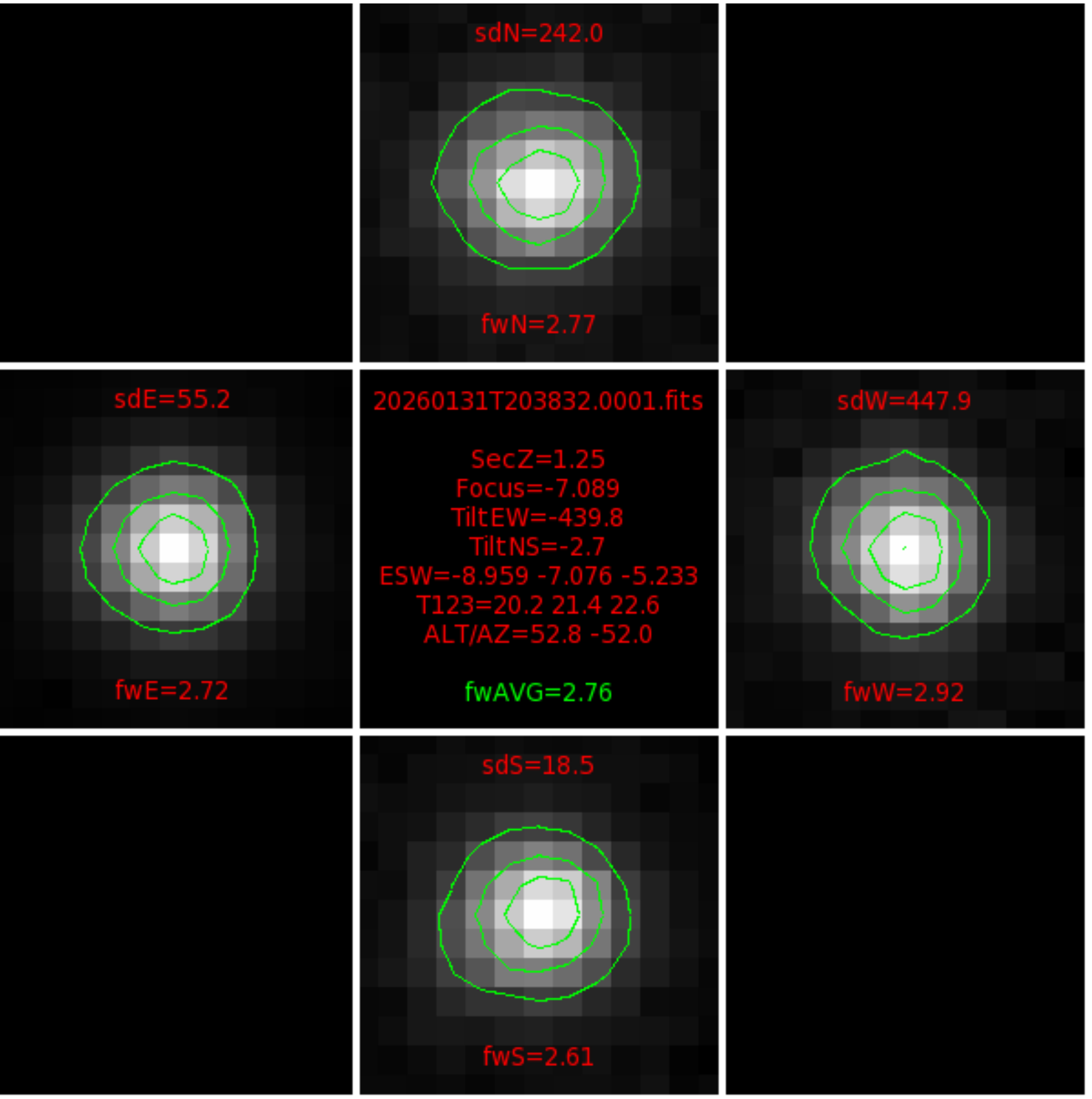
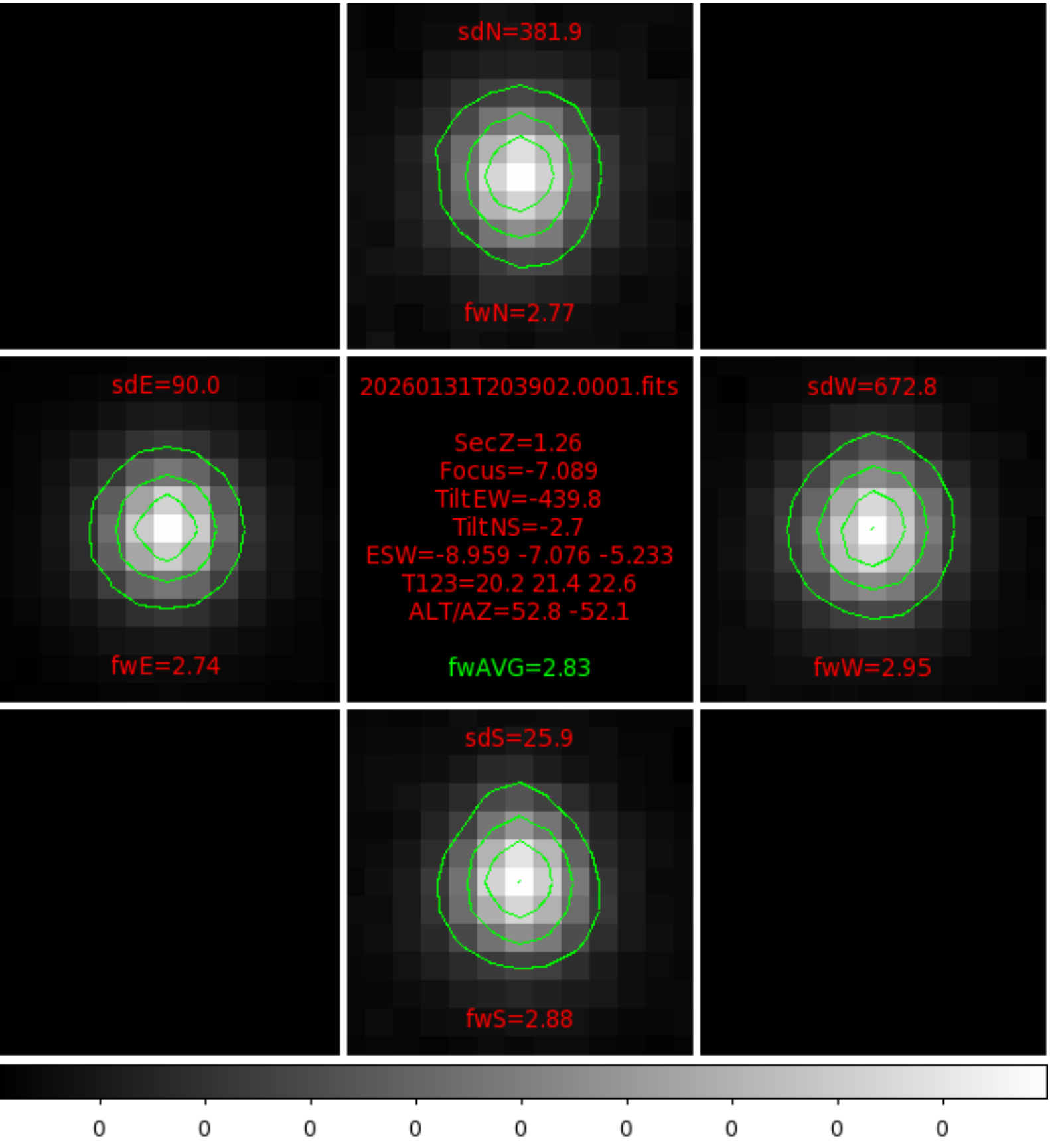
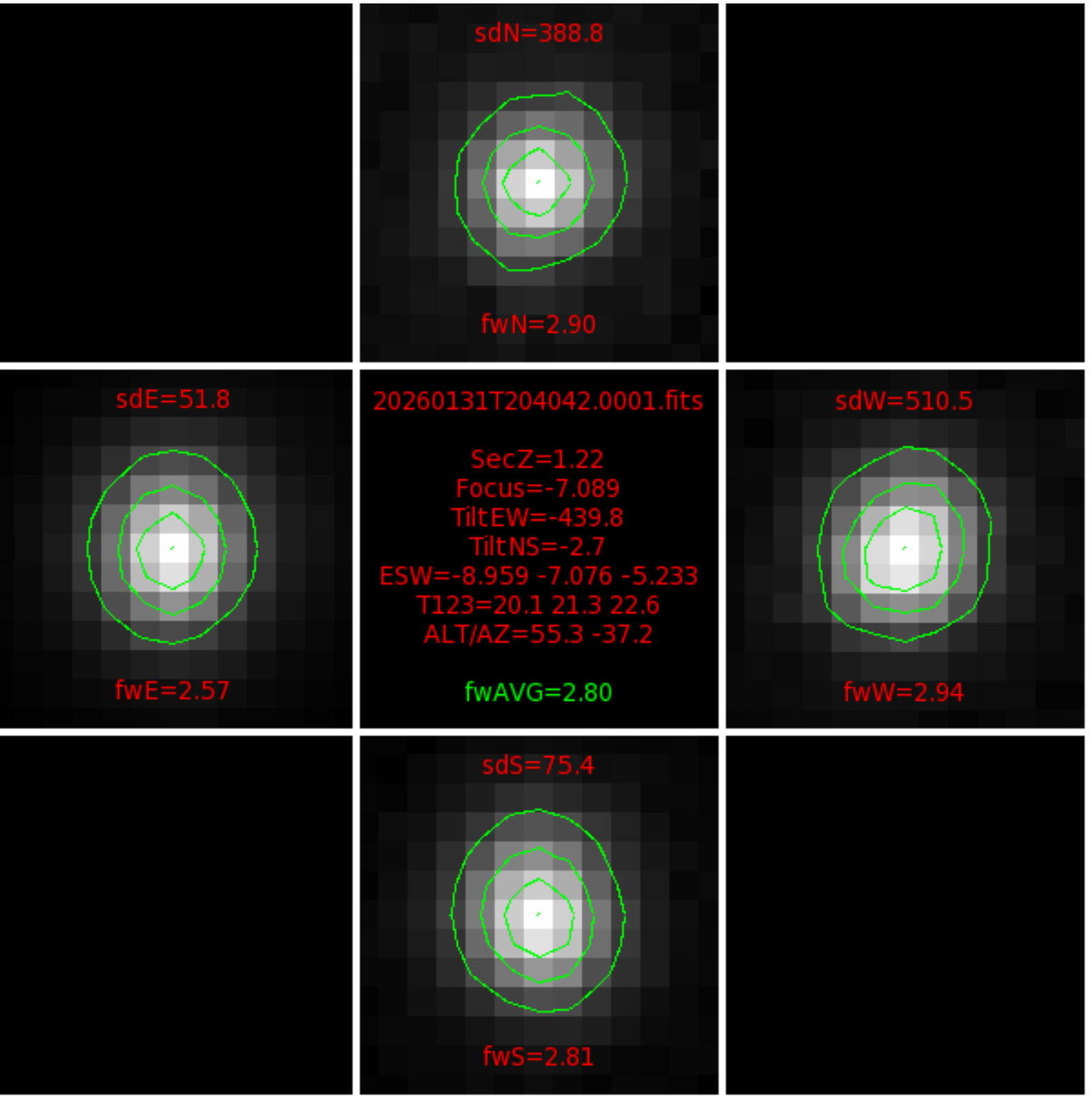
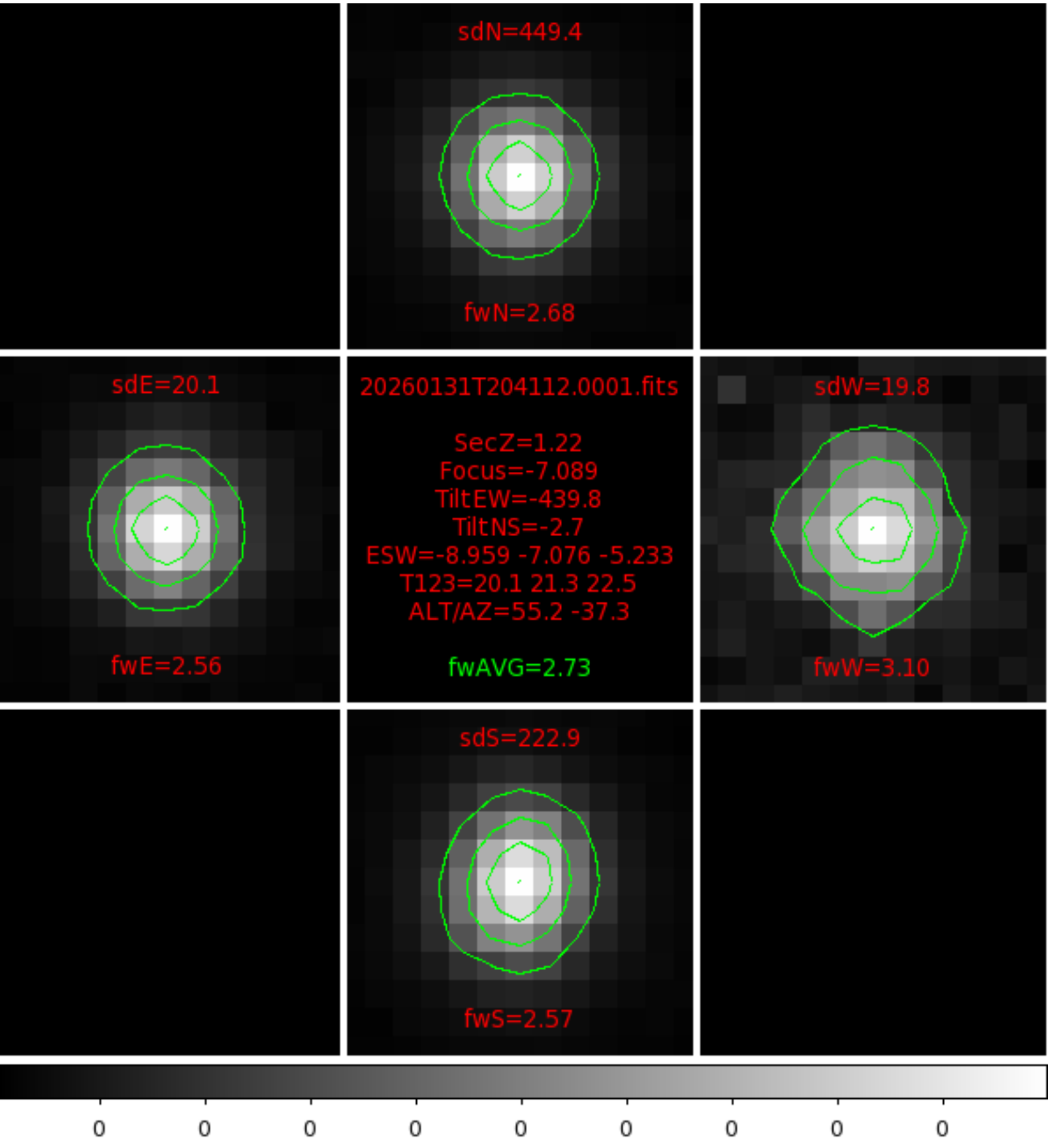
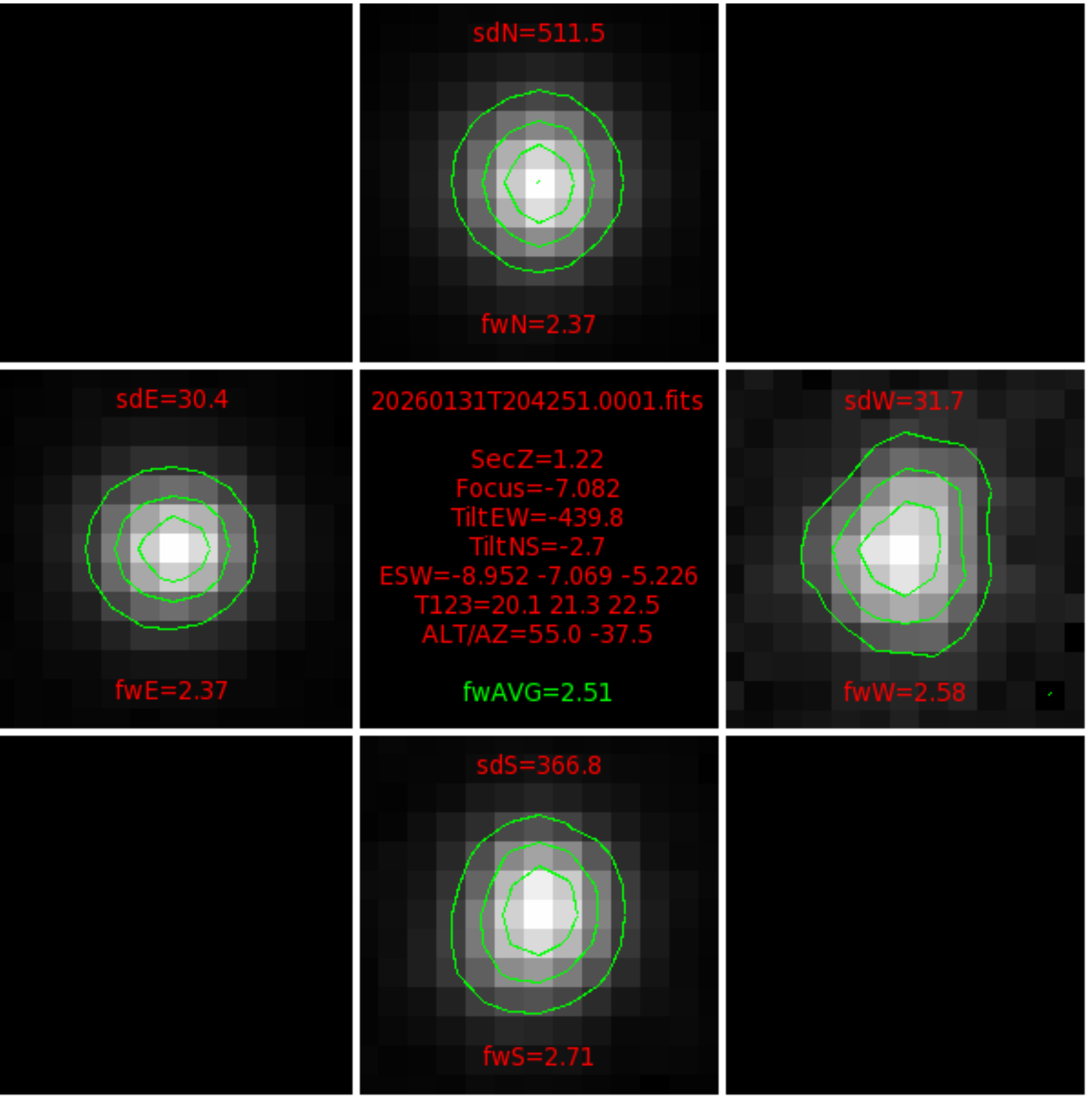
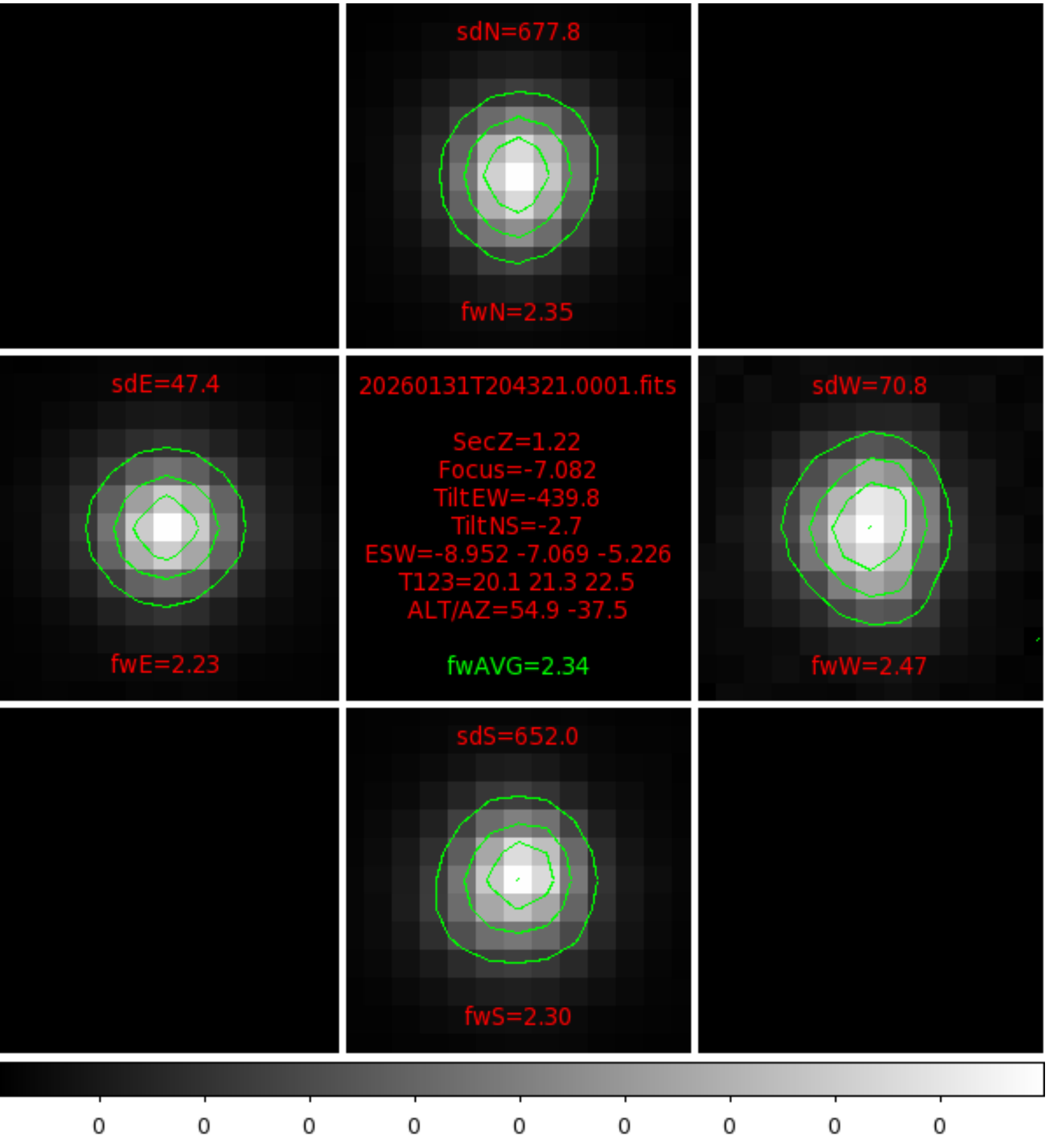

sdN=242.0
fwN=2.77
sdE=55.2
fwE=2.72
20260131T203832.0001.fits
SecZ=1.25
Focus=-7.089
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.959 -7.076 -5.233
T123=20.2 21.4 22.6
ALT/AZ=52.8 -52.0
fwAVG=2.76
sdW=447.9
fwW=2.92
sdS=18.5
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=381.9
fwN=2.77
sdE=90.0
fwE=2.74
20260131T203902.0001.fits
SecZ=1.26
Focus=-7.089
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.959 -7.076 -5.233
T123=20.2 21.4 22.6
ALT/AZ=52.8 -52.1
fwAVG=2.83
sdW=672.8
fwW=2.95
sdS=25.9
fwS=2.88
0 0 0 0 0 0 0 0 0


sdN=388.8
fwN=2.90
sdE=51.8
fwE=2.57
20260131T204042.0001.fits
SecZ=1.22
Focus=-7.089
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.959 -7.076 -5.233
T123=20.1 21.3 22.6
ALT/AZ=55.3 -37.2
fwAVG=2.80
sdW=510.5
fwW=2.94
sdS=75.4
fwS=2.81
0 0 0 0 0 0 0 0 0


sdN=449.4
fwN=2.68
sdE=20.1
fwE=2.56
20260131T204112.0001.fits
SecZ=1.22
Focus=-7.089
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.959 -7.076 -5.233
T123=20.1 21.3 22.5
ALT/AZ=55.2 -37.3
fwAVG=2.73
sdW=19.8
fwW=3.10
sdS=222.9
fwS=2.57
0 0 0 0 0 0 0 0 0


sdN=511.5
fwN=2.37
sdE=30.4
fwE=2.37
20260131T204251.0001.fits
SecZ=1.22
Focus=-7.082
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.952 -7.069 -5.226
T123=20.1 21.3 22.5
ALT/AZ=55.0 -37.5
fwAVG=2.51
sdW=31.7
fwW=2.58
sdS=366.8
fwS=2.71
0 0 0 0 0 0 0 0 0


sdN=677.8
fwN=2.35
sdE=47.4
fwE=2.23
20260131T204321.0001.fits
SecZ=1.22
Focus=-7.082
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.952 -7.069 -5.226
T123=20.1 21.3 22.5
ALT/AZ=54.9 -37.5
fwAVG=2.34
sdW=70.8
fwW=2.47
sdS=652.0
fwS=2.30
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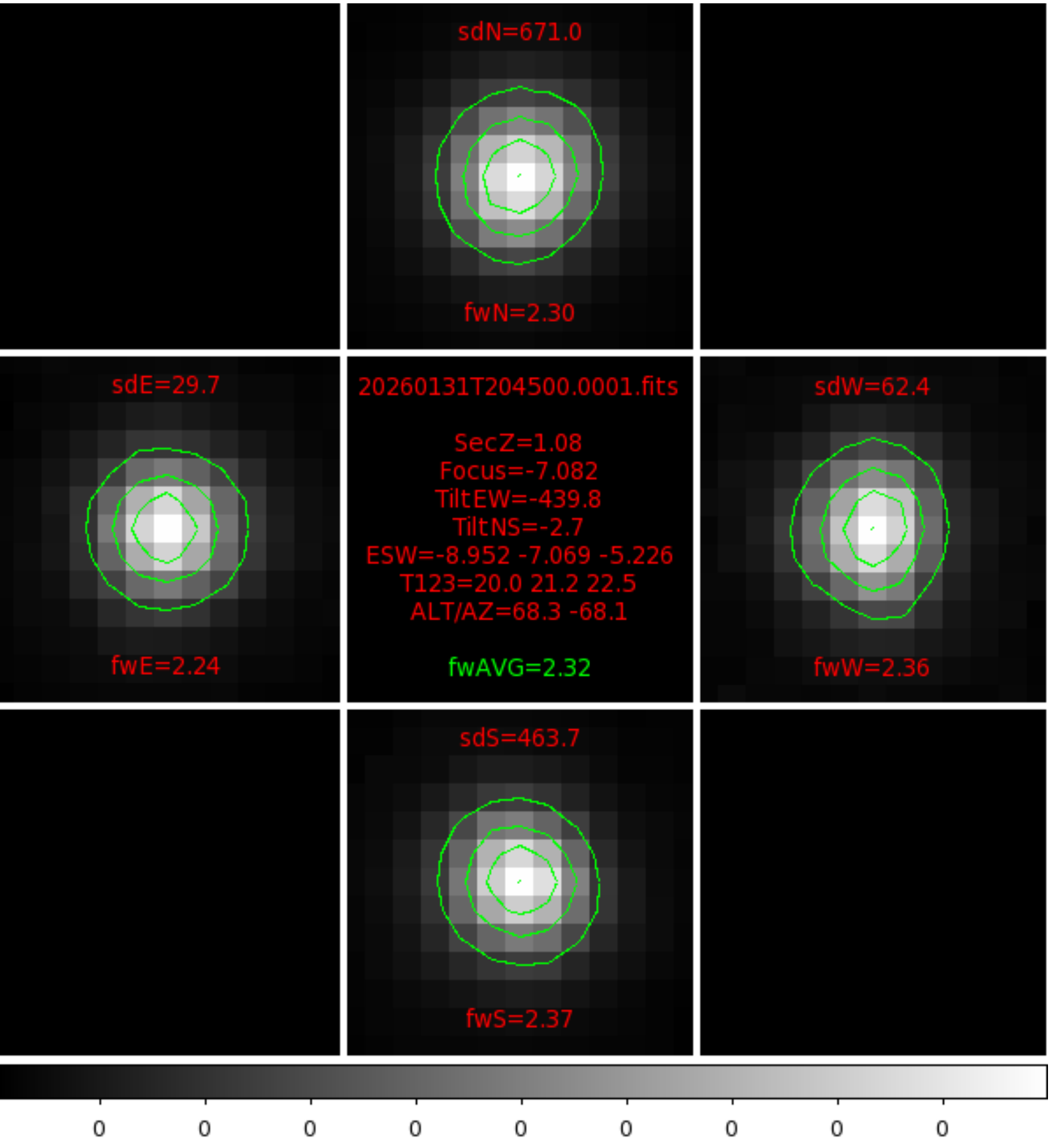
sdN=671.0
fwN=2.30
sdE=29.7
fwE=2.24
20260131T204500.0001.fits
SecZ=1.08
Focus=-7.082
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.952 -7.069 -5.226
T123=20.0 21.2 22.5
ALT/AZ=68.3 -68.1
fwAVG=2.32
sdW=62.4
fwW=2.36
sdS=463.7
fwS=2.37
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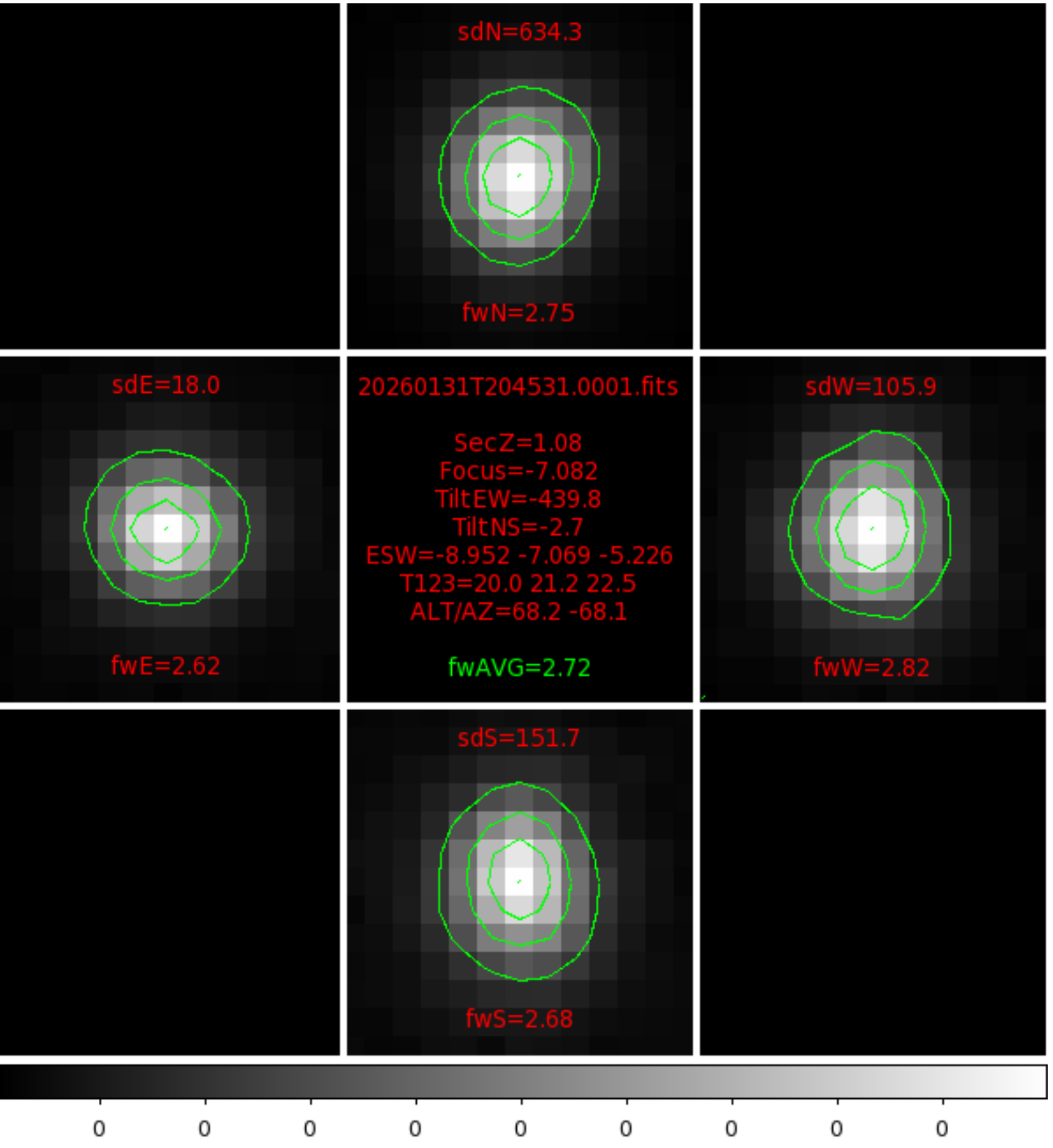
sdN=634.3
fwN=2.75
sdE=18.0
fwE=2.62
20260131T204531.0001.fits
SecZ=1.08
Focus=-7.082
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.952 -7.069 -5.226
T123=20.0 21.2 22.5
ALT/AZ=68.2 -68.1
fwAVG=2.72
sdW=105.9
fwW=2.82
sdS=151.7
fwS=2.68
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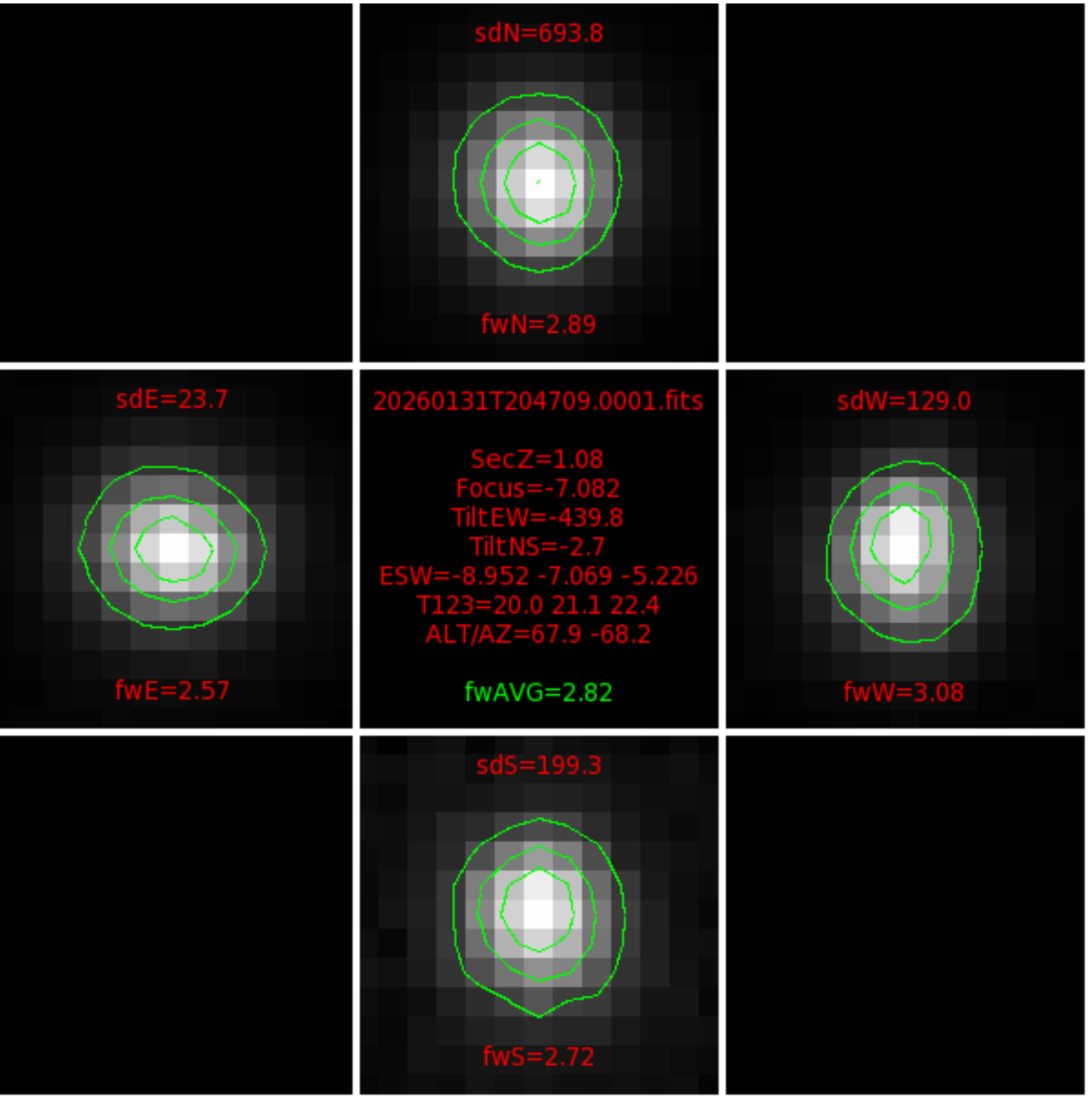
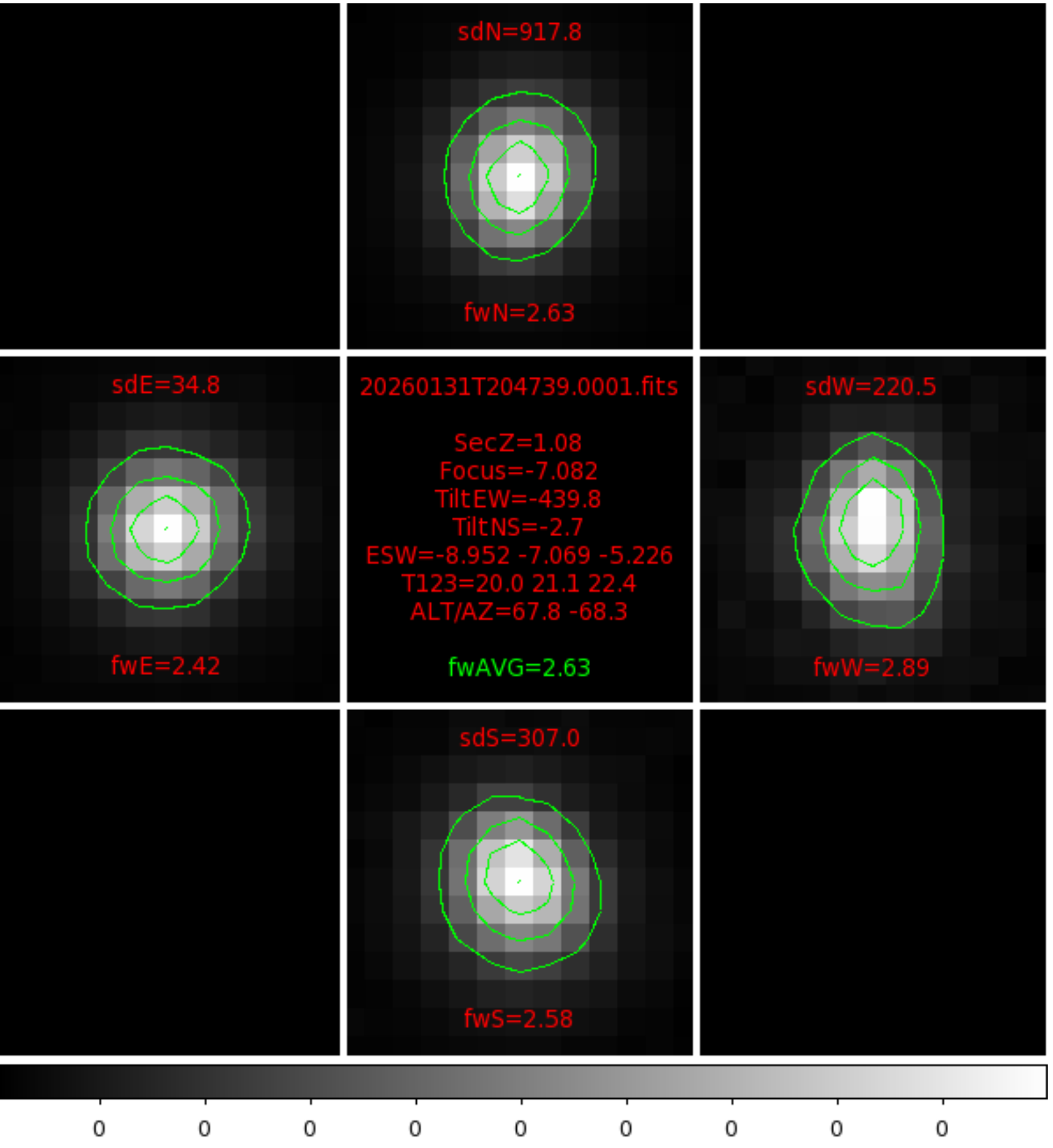

sdN=693.8
fwN=2.89
sdE=23.7
fwE=2.57
20260131T204709.0001.fits
SecZ=1.08
Focus=-7.082
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.952 -7.069 -5.226
T123=20.0 21.1 22.4
ALT/AZ=67.9 -68.2
fwAVG=2.82
sdW=129.0
fwW=3.08
sdS=199.3
fwS=2.72
0 0 0 0 0 0 0 0 0


sdN=917.8
fwN=2.63
sdE=34.8
fwE=2.42
20260131T204739.0001.fits
SecZ=1.08
Focus=-7.082
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.952 -7.069 -5.226
T123=20.0 21.1 22.4
ALT/AZ=67.8 -68.3
fwAVG=2.63
sdW=220.5
fwW=2.89
sdS=307.0
fwS=2.58
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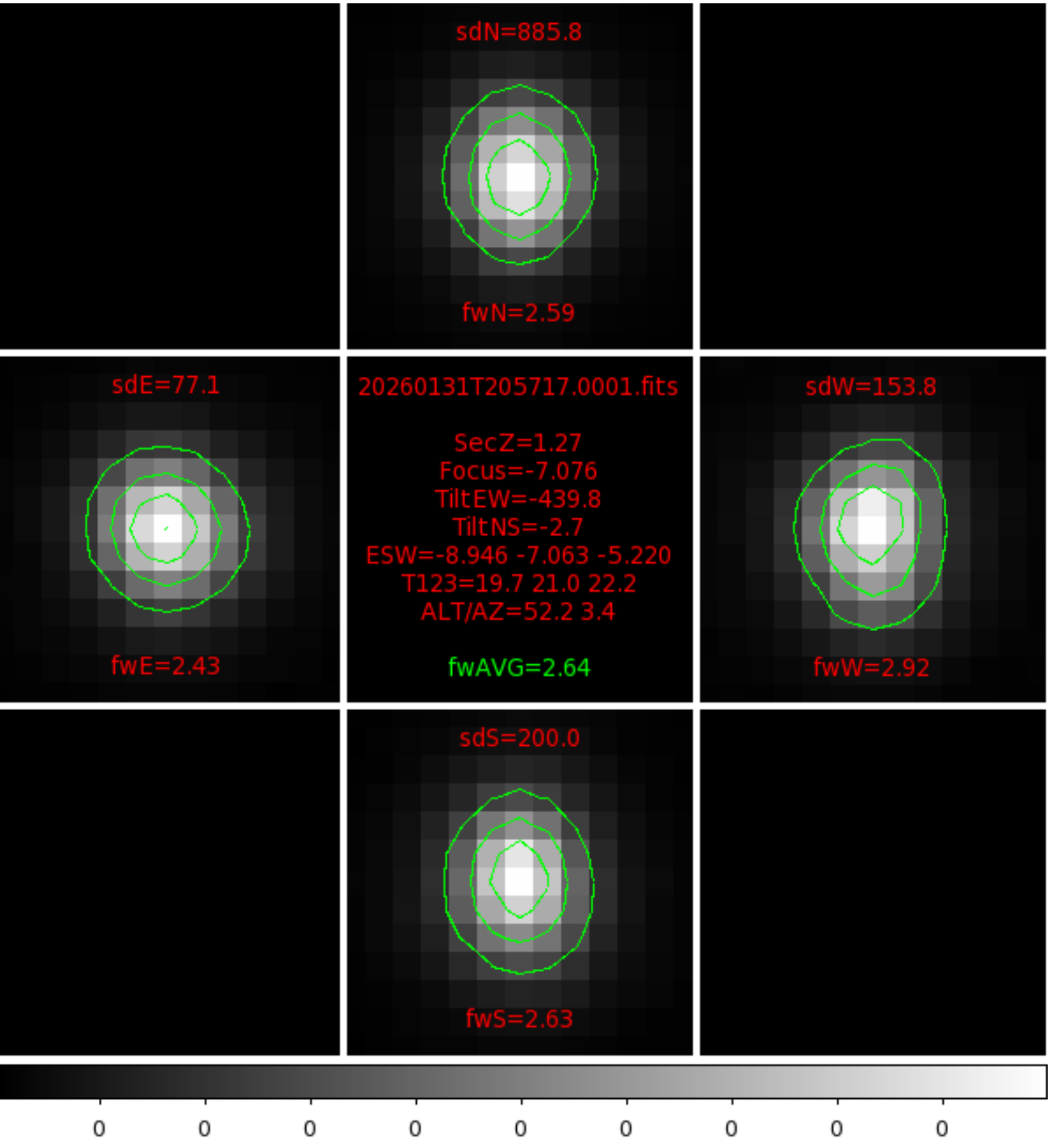
sdN=885.8
fwN=2.59
sdE=77.1
fwE=2.43
20260131T205717.0001.fits
SecZ=1.27
Focus=-7.076
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.946 -7.063 -5.220
T123=19.7 21.0 22.2
ALT/AZ=52.2 3.4
fwAVG=2.64
sdW=153.8
fwW=2.92
sdS=200.0
fwS=2.63
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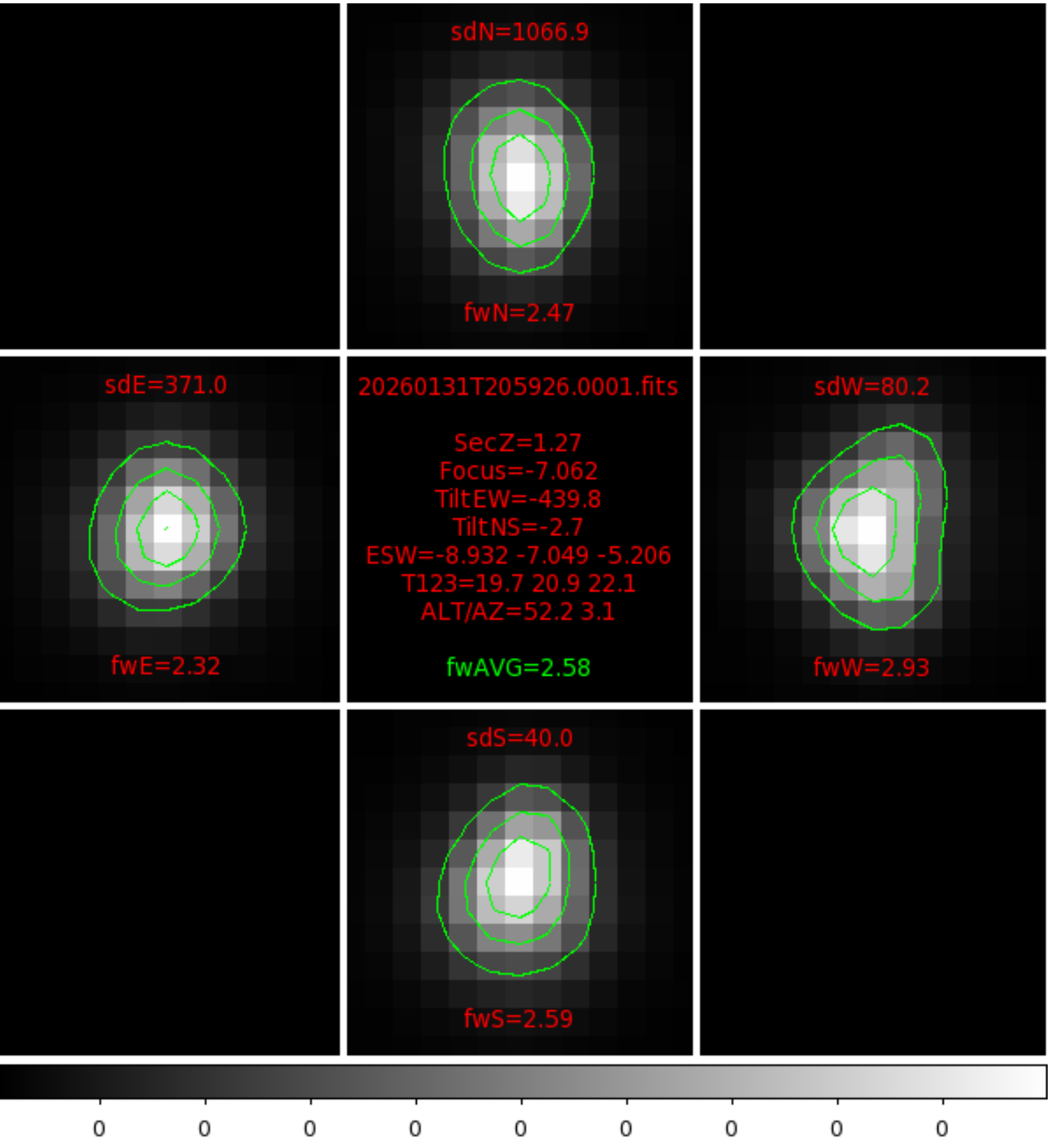
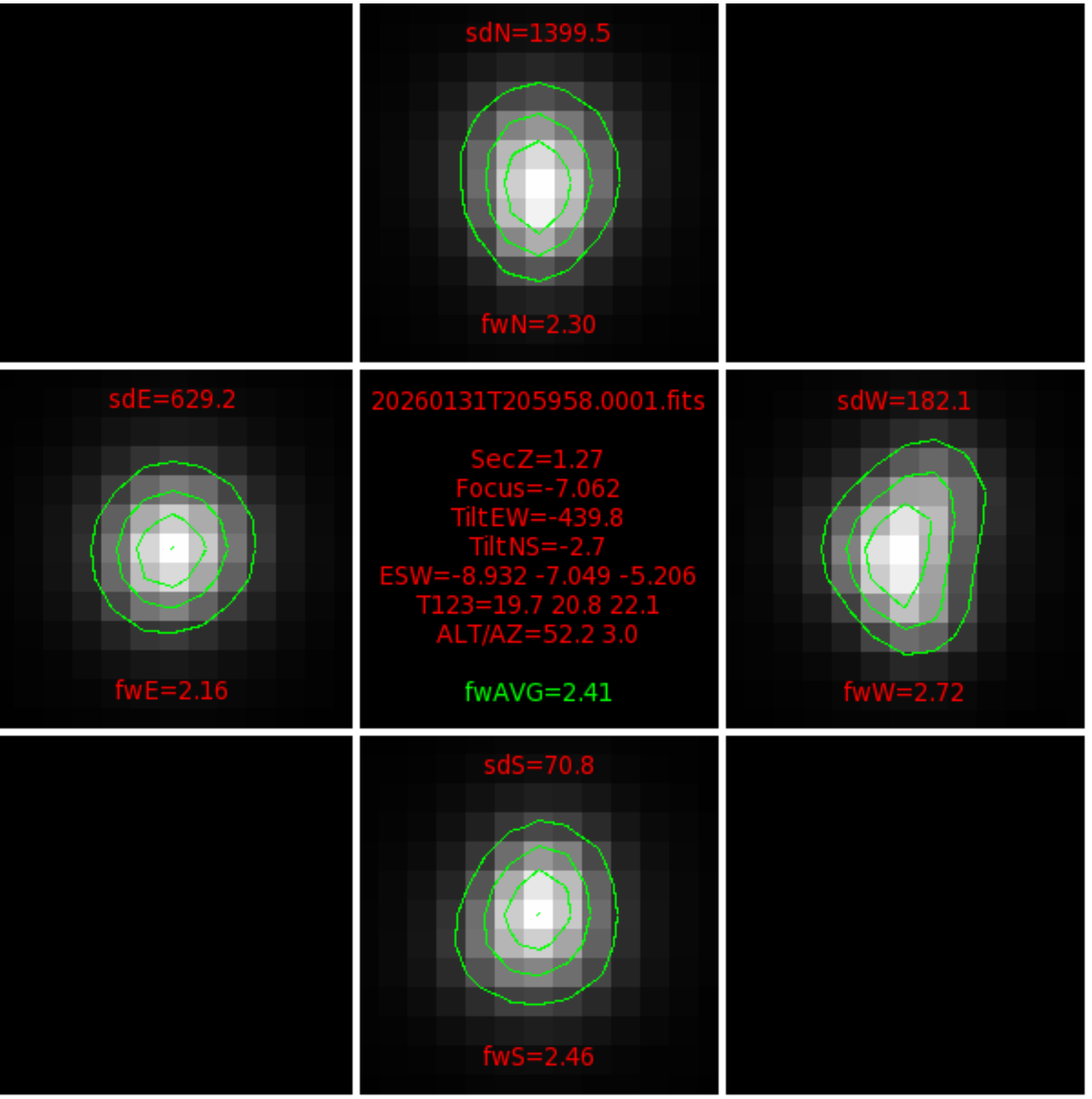

sdN=1066.9
fwN=2.47
sdE=371.0
fwE=2.32
20260131T205926.0001.fits
SecZ=1.27
Focus=-7.062
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.932 -7.049 -5.206
T123=19.7 20.9 22.1
ALT/AZ=52.2 3.1
fwAVG=2.58
sdW=80.2
fwW=2.93
sdS=40.0
fwS=2.59
0 0 0 0 0 0 0 0 0


sdN=1399.5
fwN=2.30
sdE=629.2
fwE=2.16
20260131T205958.0001.fits
SecZ=1.27
Focus=-7.062
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.932 -7.049 -5.206
T123=19.7 20.8 22.1
ALT/AZ=52.2 3.0
fwAVG=2.41
sdW=182.1
fwW=2.72
sdS=70.8
fwS=2.46
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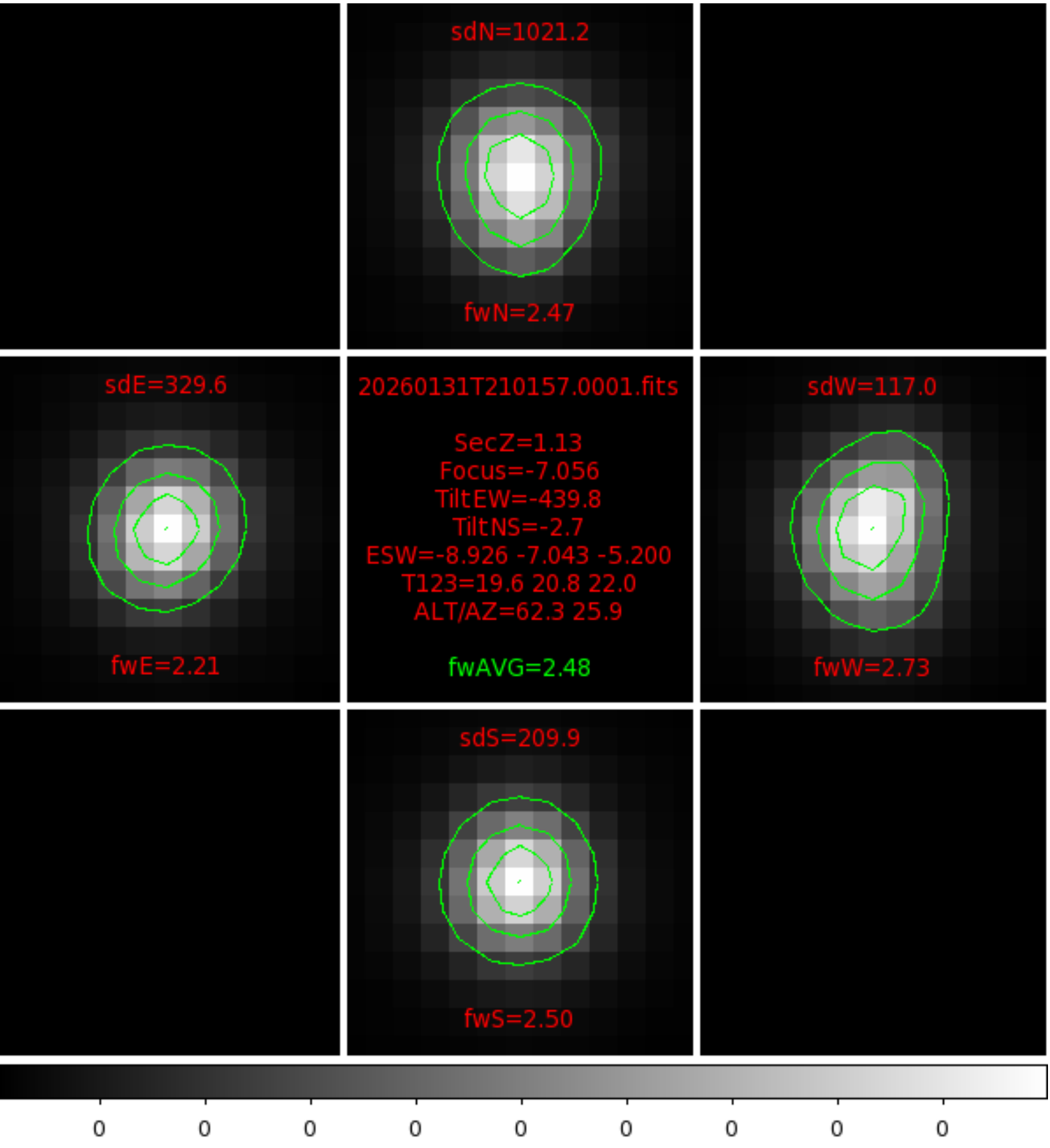
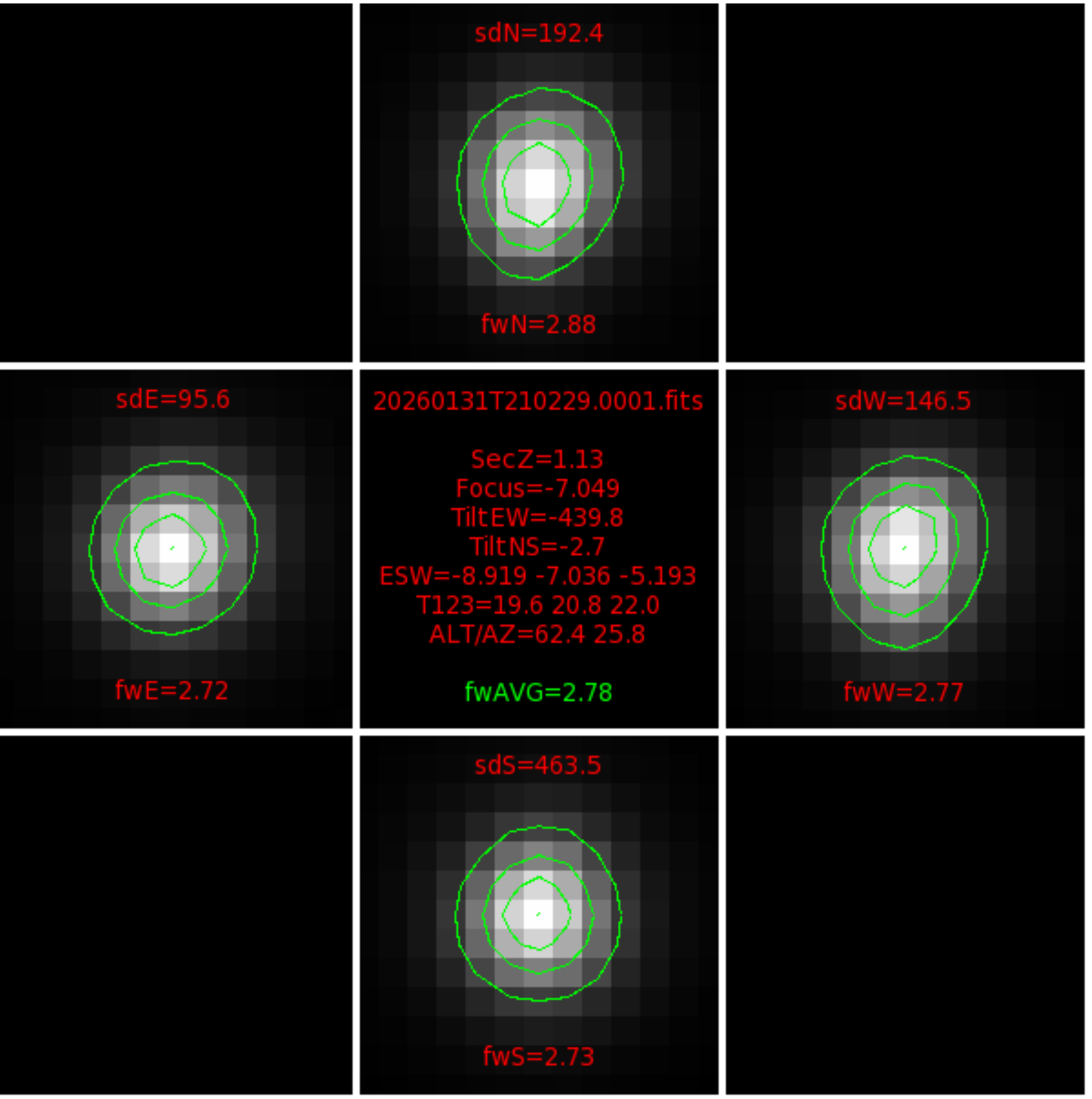
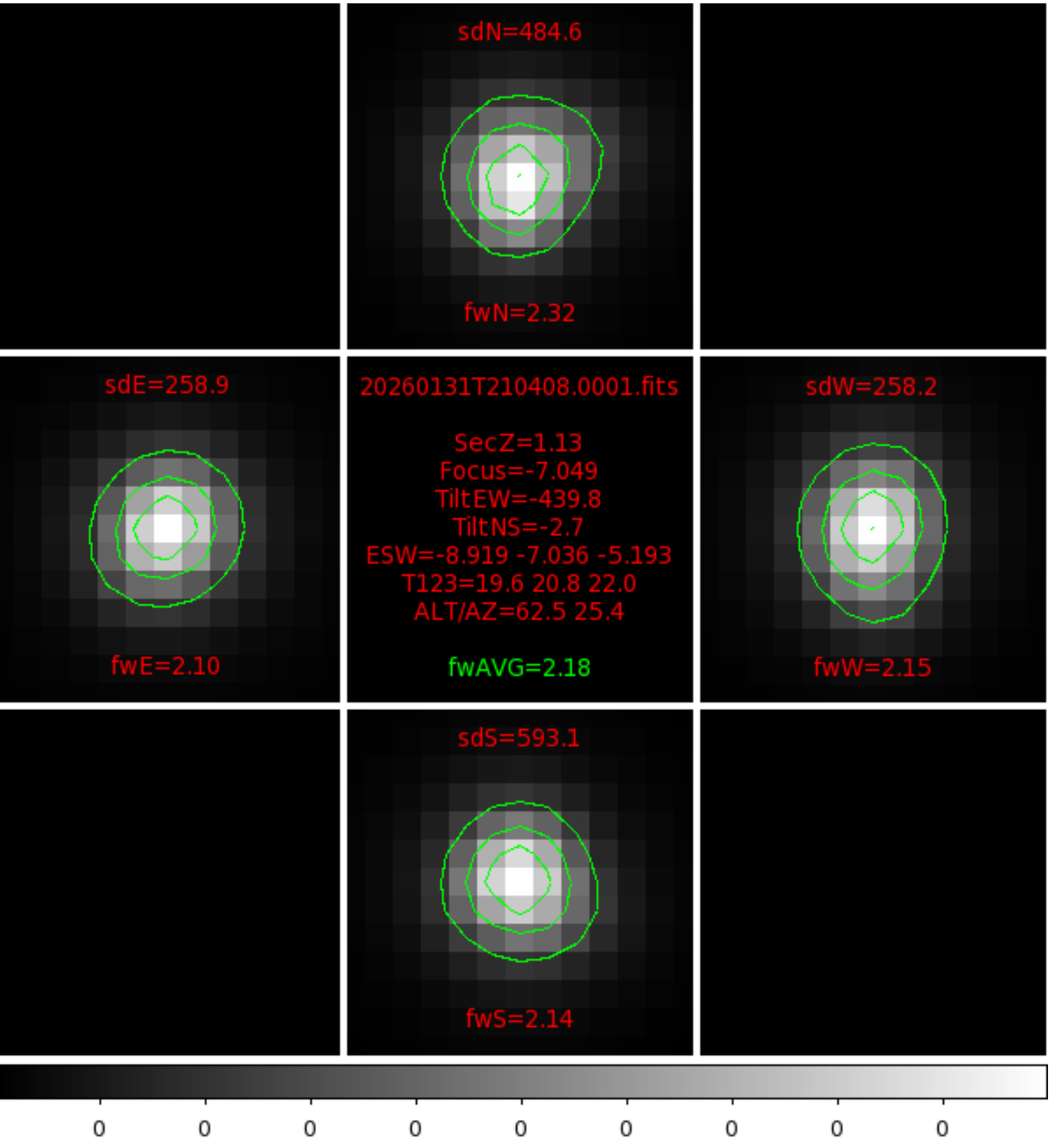

sdN=1021.2
fwN=2.47
sdE=329.6
fwE=2.21
20260131T210157.0001.fits
SecZ=1.13
Focus=-7.056
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.926 -7.043 -5.200
T123=19.6 20.8 22.0
ALT/AZ=62.3 25.9
fwAVG=2.48
sdW=117.0
fwW=2.73
sdS=209.9
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=192.4
fwN=2.88
sdE=95.6
fwE=2.72
20260131T210229.0001.fits
SecZ=1.13
Focus=-7.049
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.919 -7.036 -5.193
T123=19.6 20.8 22.0
ALT/AZ=62.4 25.8
fwAVG=2.78
sdW=146.5
fwW=2.77
sdS=463.5
fwS=2.73
0 0 0 0 0 0 0 0 0


sdN=484.6
fwN=2.32
sdE=258.9
fwE=2.10
20260131T210408.0001.fits
SecZ=1.13
Focus=-7.049
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.919 -7.036 -5.193
T123=19.6 20.8 22.0
ALT/AZ=62.5 25.4
fwAVG=2.18
sdW=258.2
fwW=2.15
sdS=593.1
fwS=2.14
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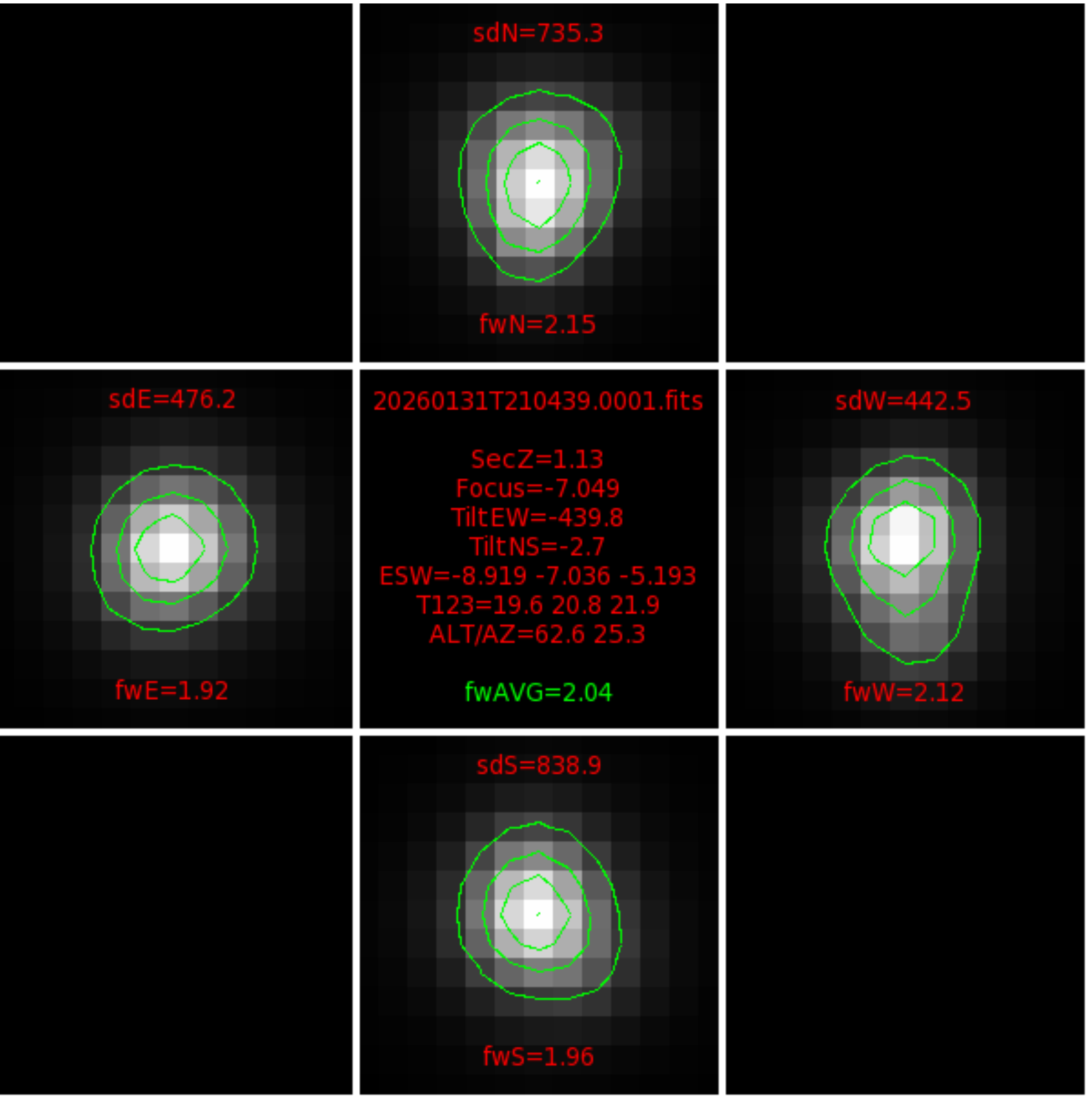
sdN=735.3
fwN=2.15
sdE=476.2
fwE=1.92
20260131T210439.0001.fits
SecZ=1.13
Focus=-7.049
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.919 -7.036 -5.193
T123=19.6 20.8 21.9
ALT/AZ=62.6 25.3
fwAVG=2.04
sdW=442.5
fwW=2.12
sdS=838.9
fwS=1.96
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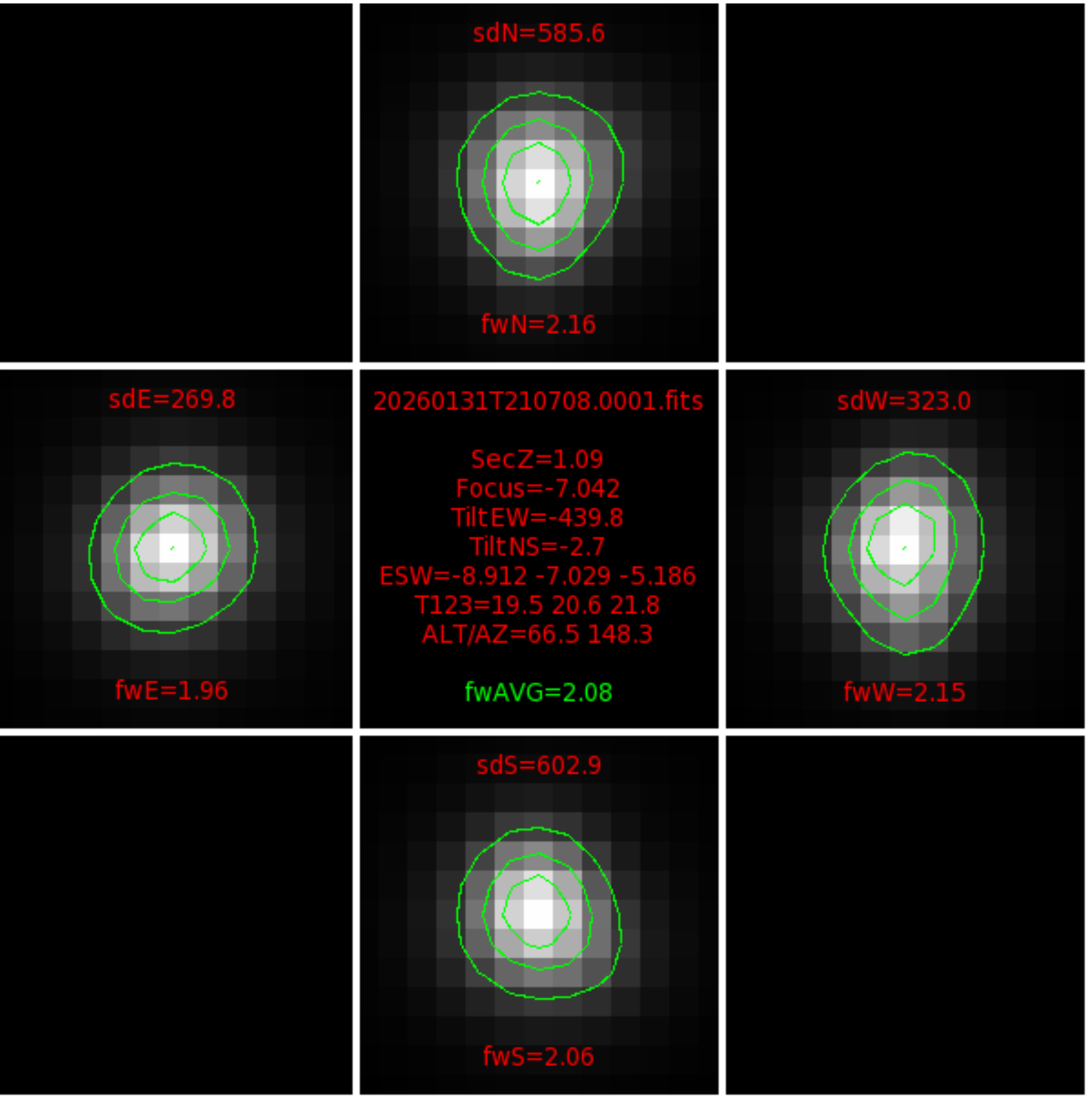
sdN=585.6
fwN=2.16
sdE=269.8
fwE=1.96
20260131T210708.0001.fits
SecZ=1.09
Focus=-7.042
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.912 -7.029 -5.186
T123=19.5 20.6 21.8
ALT/AZ=66.5 148.3
fwAVG=2.08
sdW=323.0
fwW=2.15
sdS=602.9
fwS=2.06
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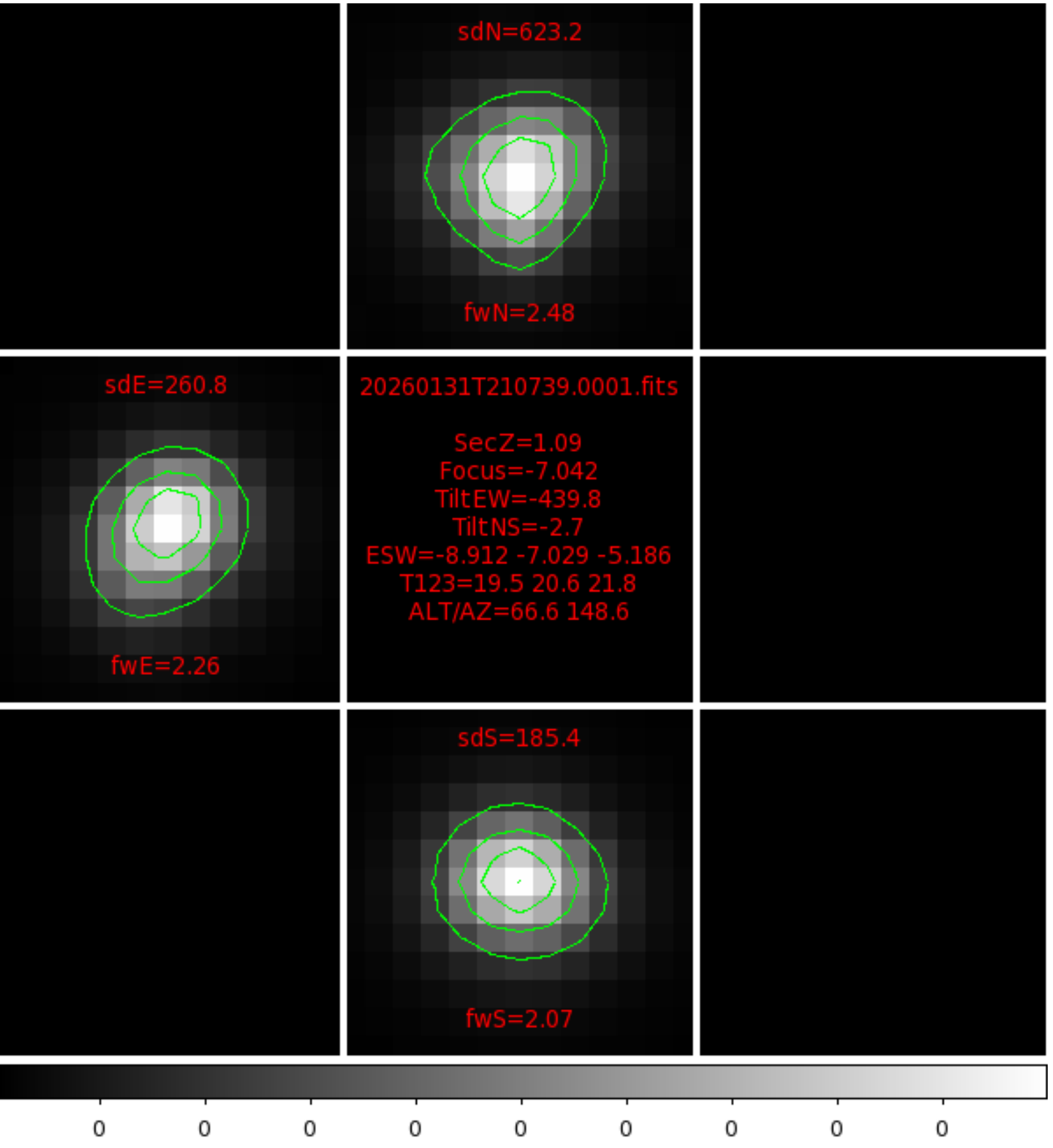
sdN=623.2
fwN=2.48
sdE=260.8
fwE=2.26
20260131T210739.0001.fits
SecZ=1.09
Focus=-7.042
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.912 -7.029 -5.186
T123=19.5 20.6 21.8
ALT/AZ=66.6 148.6
sdS=185.4
fwS=2.07
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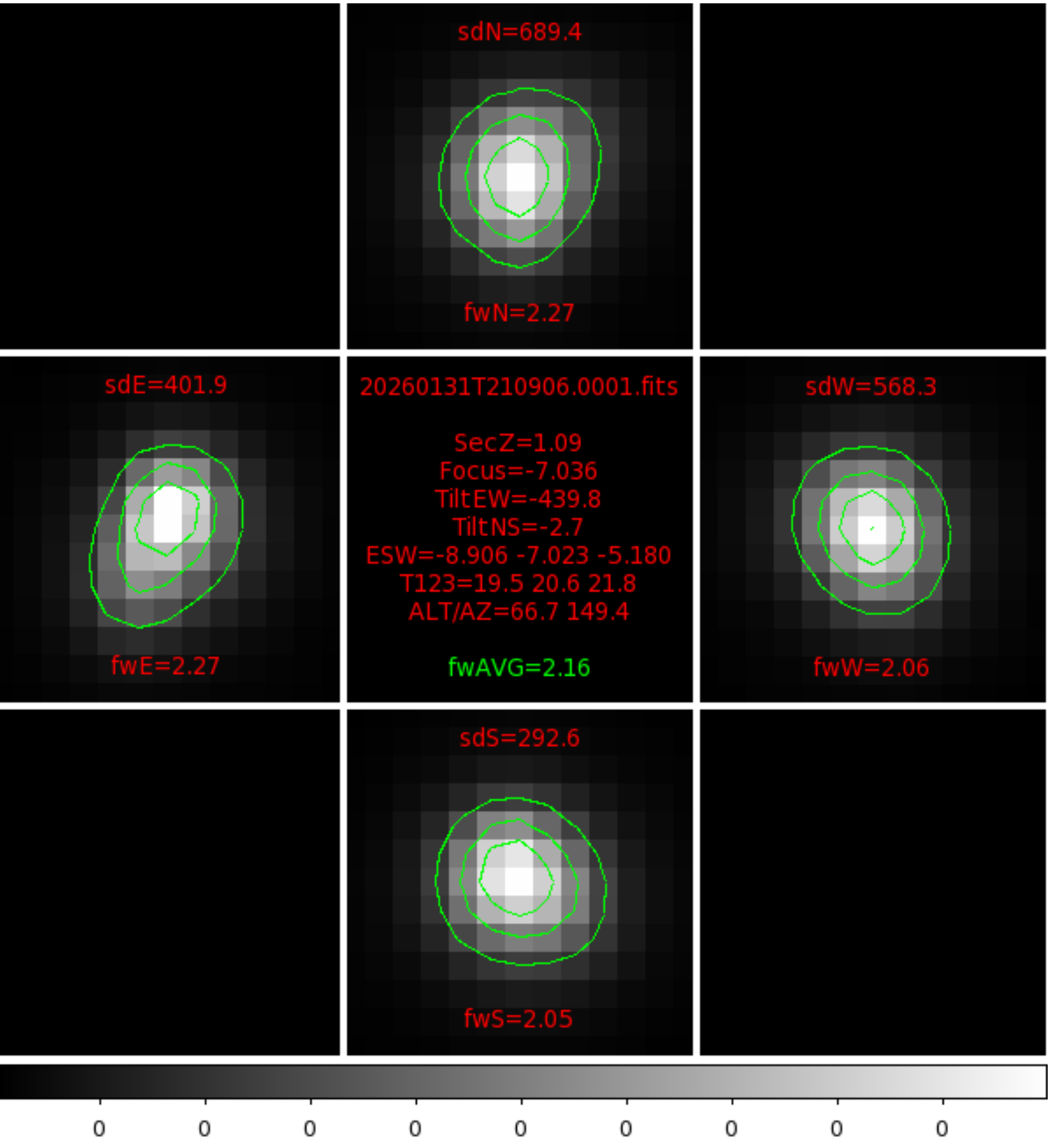
sdN=689.4
fwN=2.27
sdE=401.9
fwE=2.27
20260131T210906.0001.fits
SecZ=1.09
Focus=-7.036
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.906 -7.023 -5.180
T123=19.5 20.6 21.8
ALT/AZ=66.7 149.4
fwAVG=2.16
sdW=568.3
fwW=2.06
sdS=292.6
fwS=2.05
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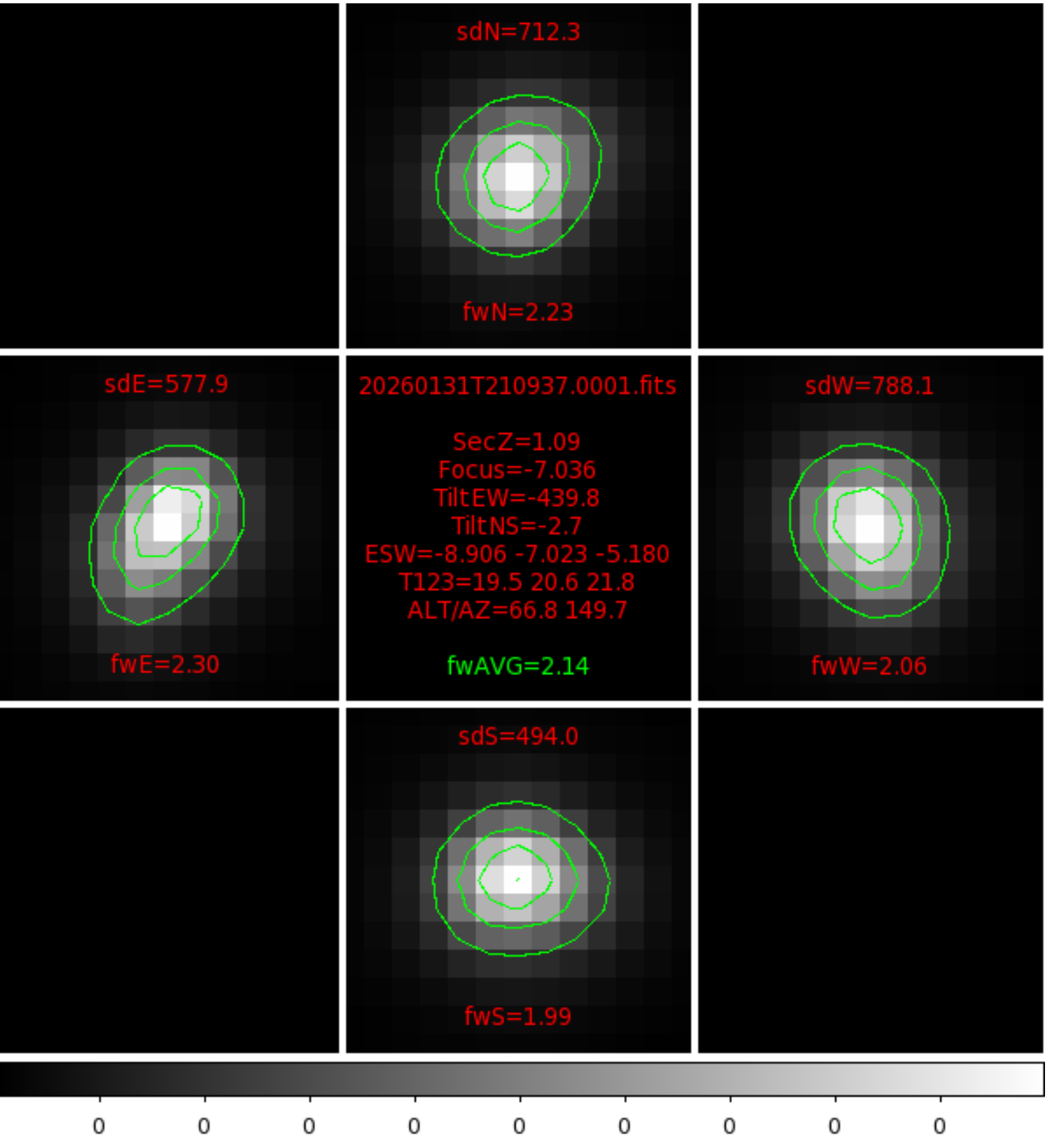
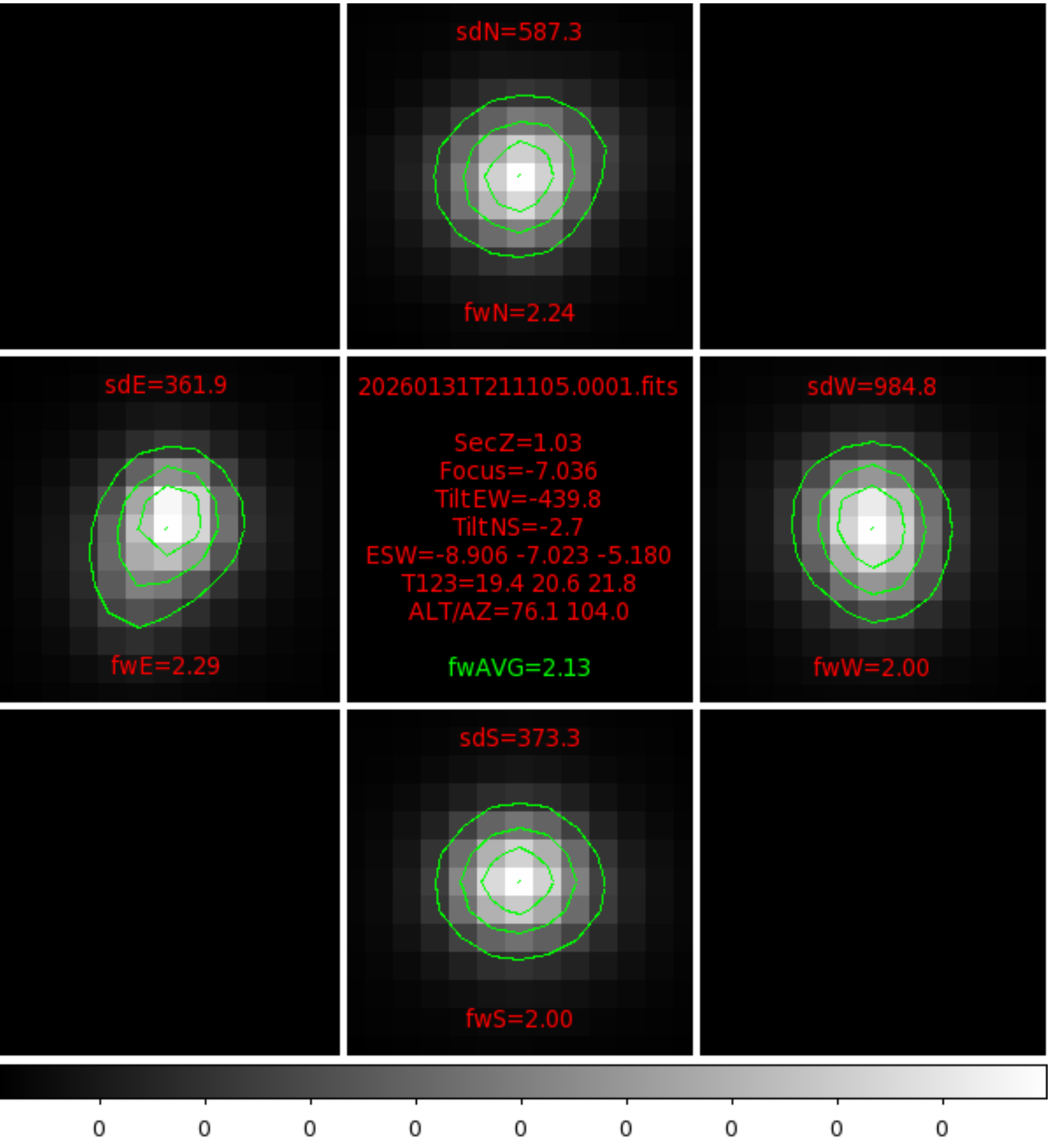
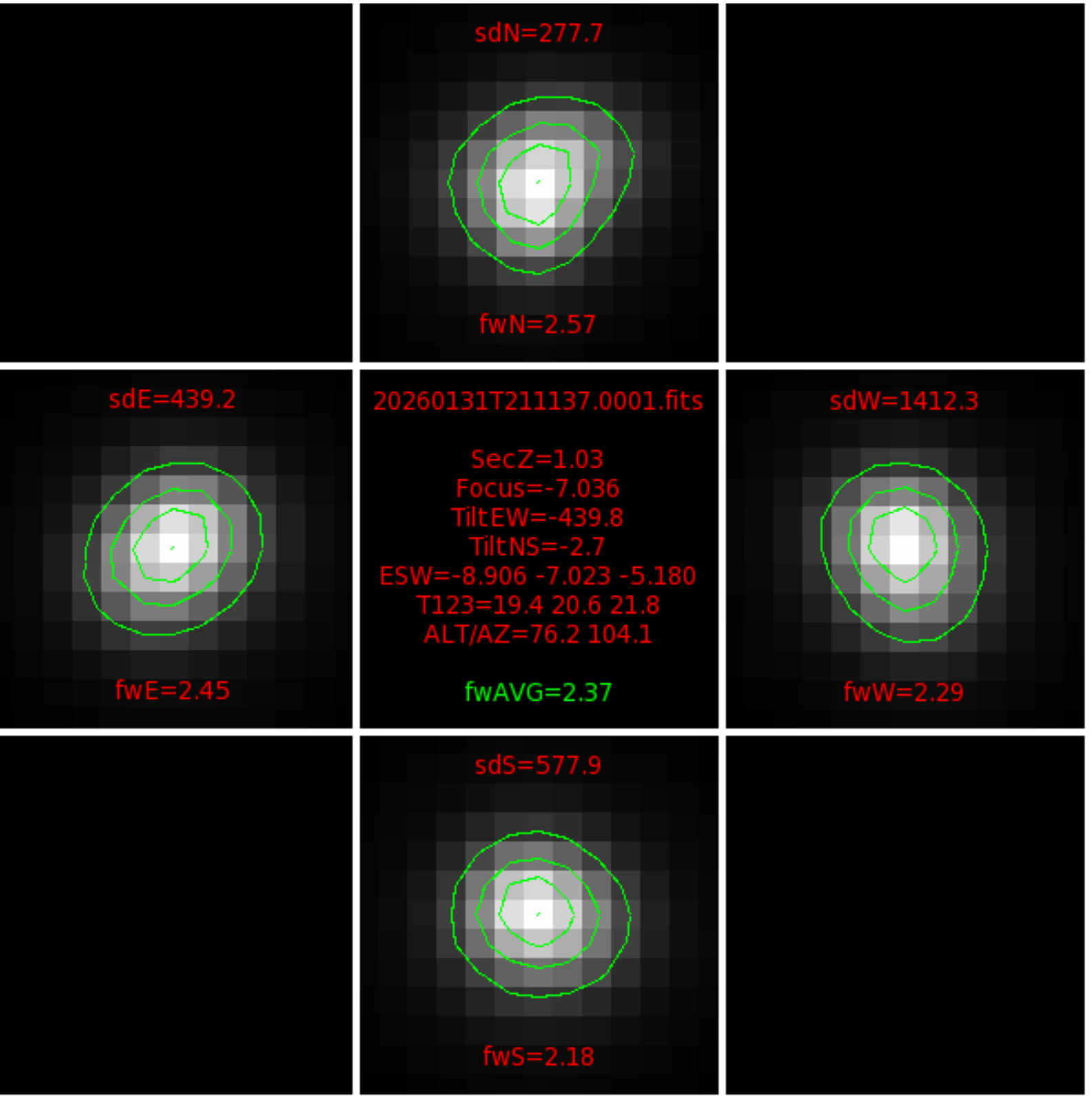
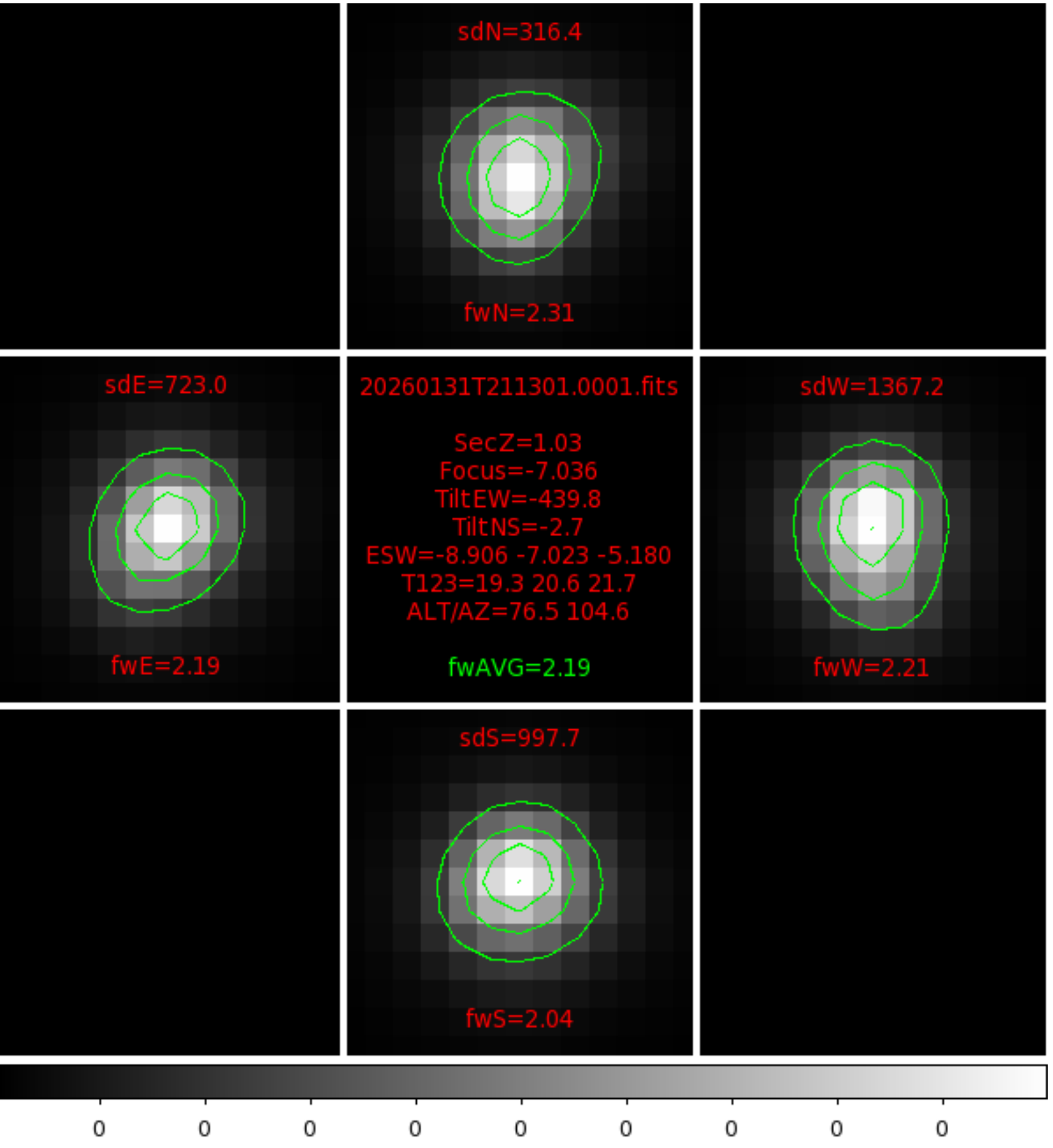
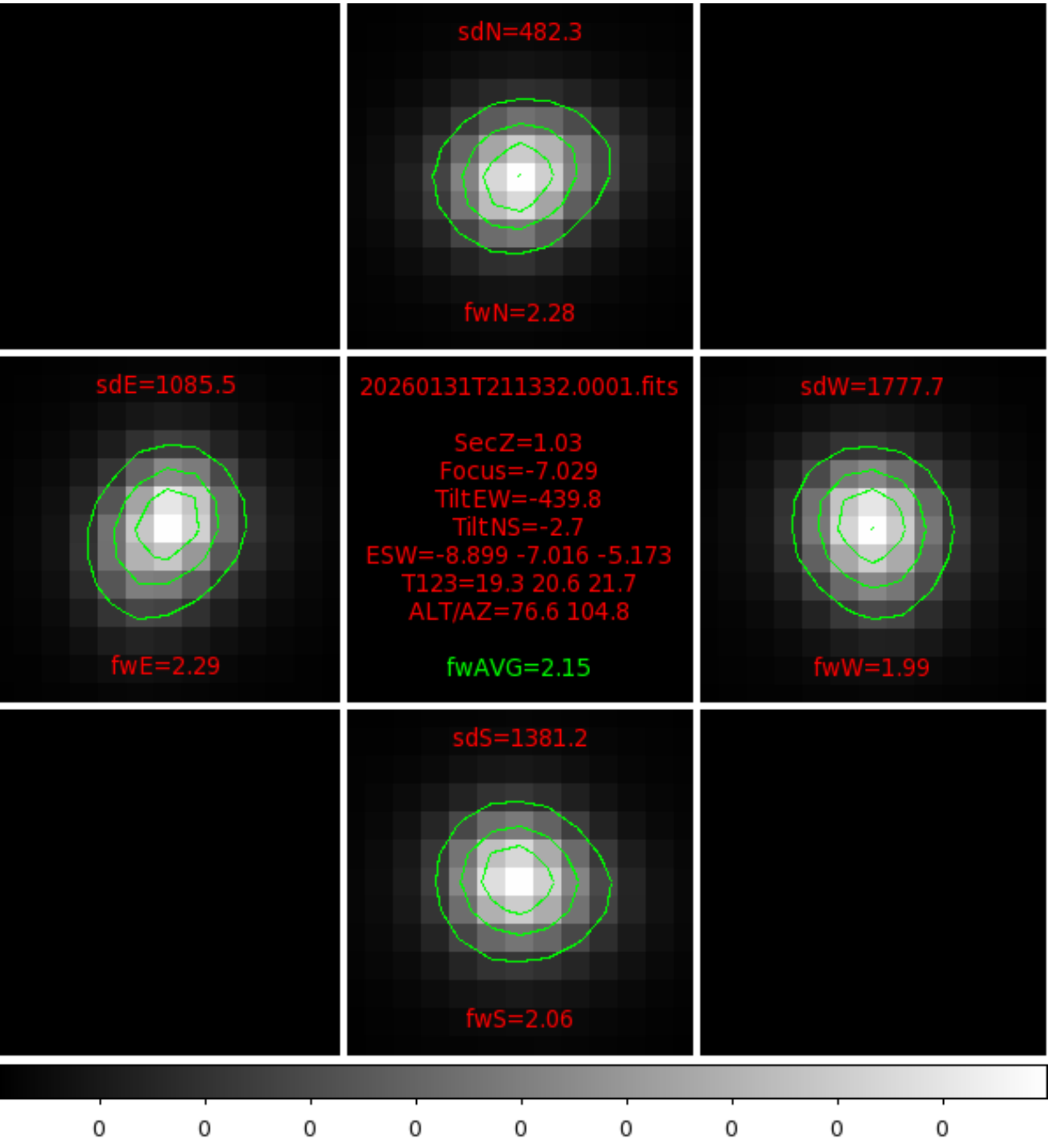
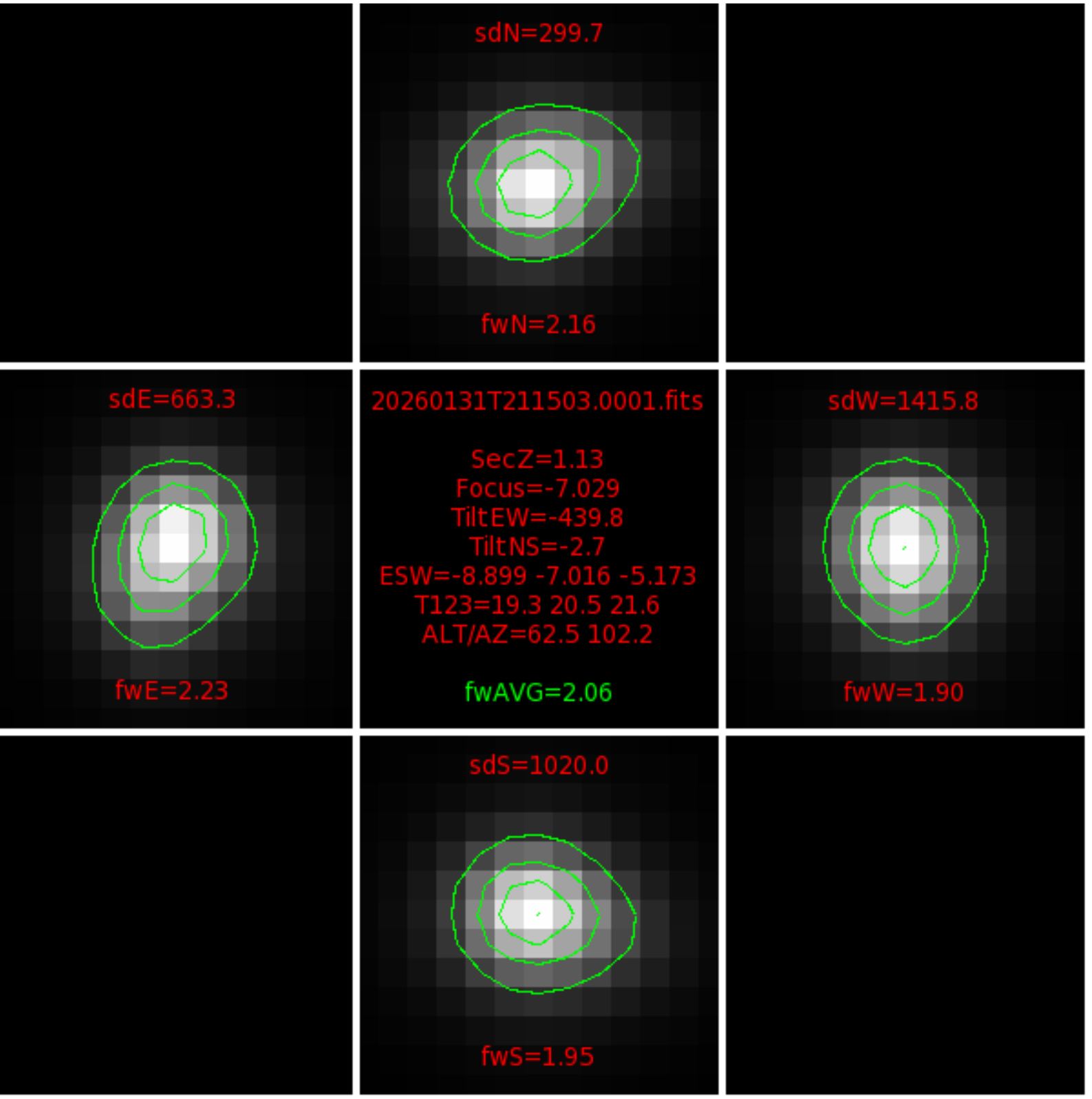

sdN=712.3
fwN=2.23
sdE=577.9
fwE=2.30
20260131T210937.0001.fits
SecZ=1.09
Focus=-7.036
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.906 -7.023 -5.180
T123=19.5 20.6 21.8
ALT/AZ=66.8 149.7
fwAVG=2.14
sdW=788.1
fwW=2.06
sdS=494.0
fwS=1.99
0 0 0 0 0 0 0 0 0

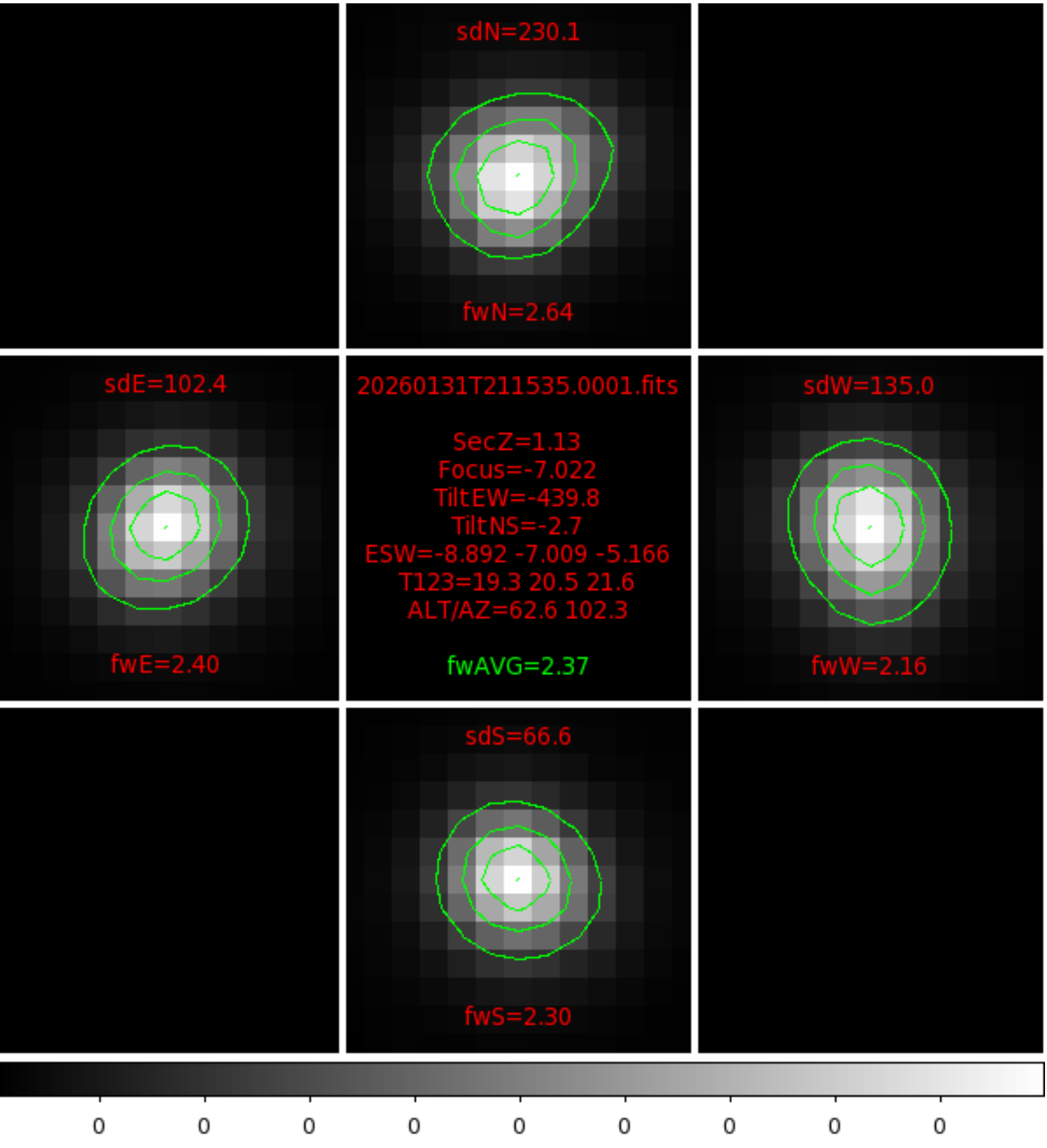

sdN=587.3
fwN=2.24
sdE=361.9
fwE=2.29
20260131T211105.0001.fits
SecZ=1.03
Focus=-7.036
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.906 -7.023 -5.180
T123=19.4 20.6 21.8
ALT/AZ=76.1 104.0
fwAVG=2.13
sdW=984.8
fwW=2.00
sdS=373.3
fwS=2.00
0 0 0 0 0 0 0 0 0

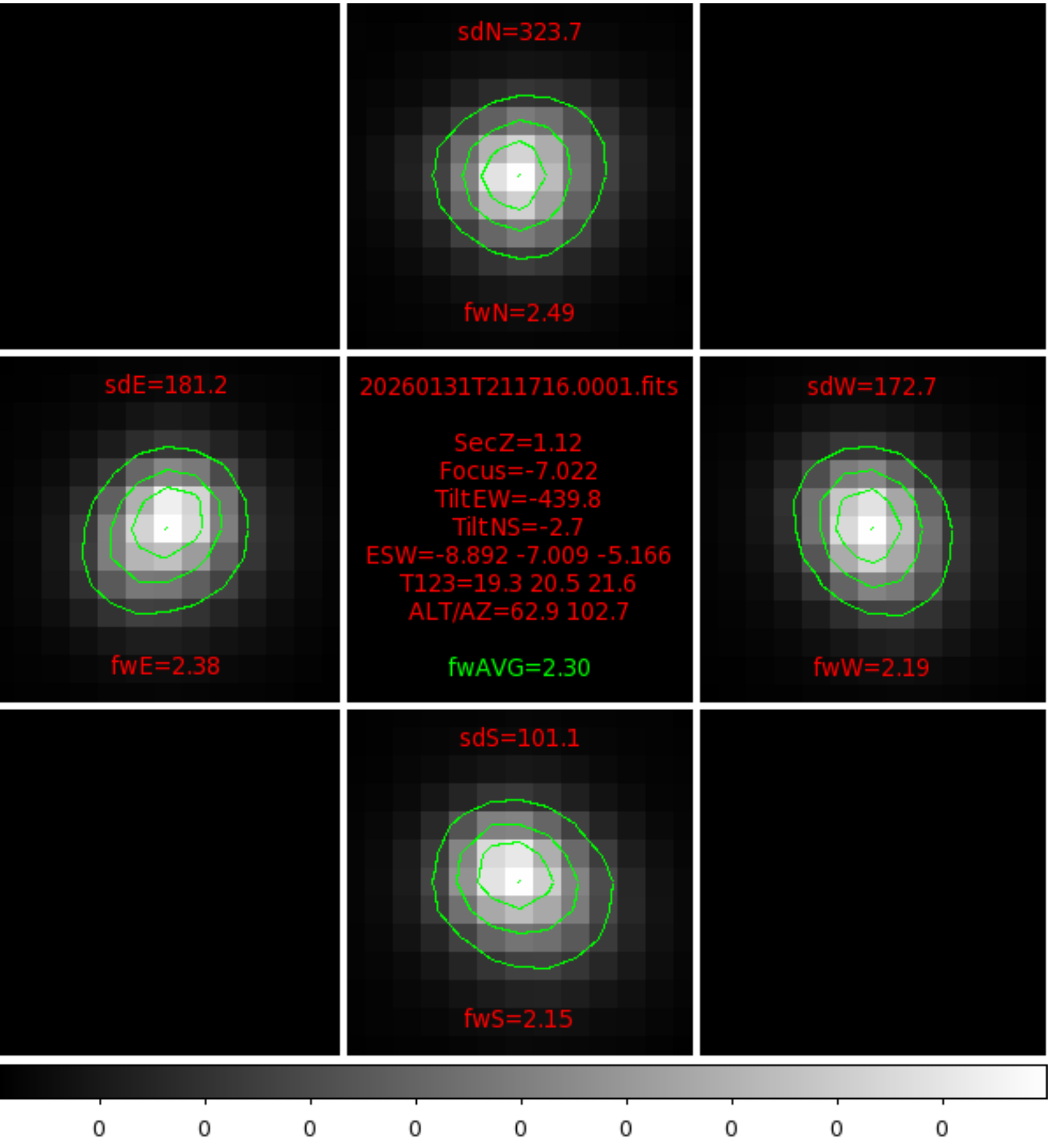

sdN=277.7
fwN=2.57
sdE=439.2
fwE=2.45
20260131T211137.0001.fits
SecZ=1.03
Focus=-7.036
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.906 -7.023 -5.180
T123=19.4 20.6 21.8
ALT/AZ=76.2 104.1
fwAVG=2.37
sdW=1412.3
fwW=2.29
sdS=577.9
fwS=2.18
0 0 0 0 0 0 0 0 0

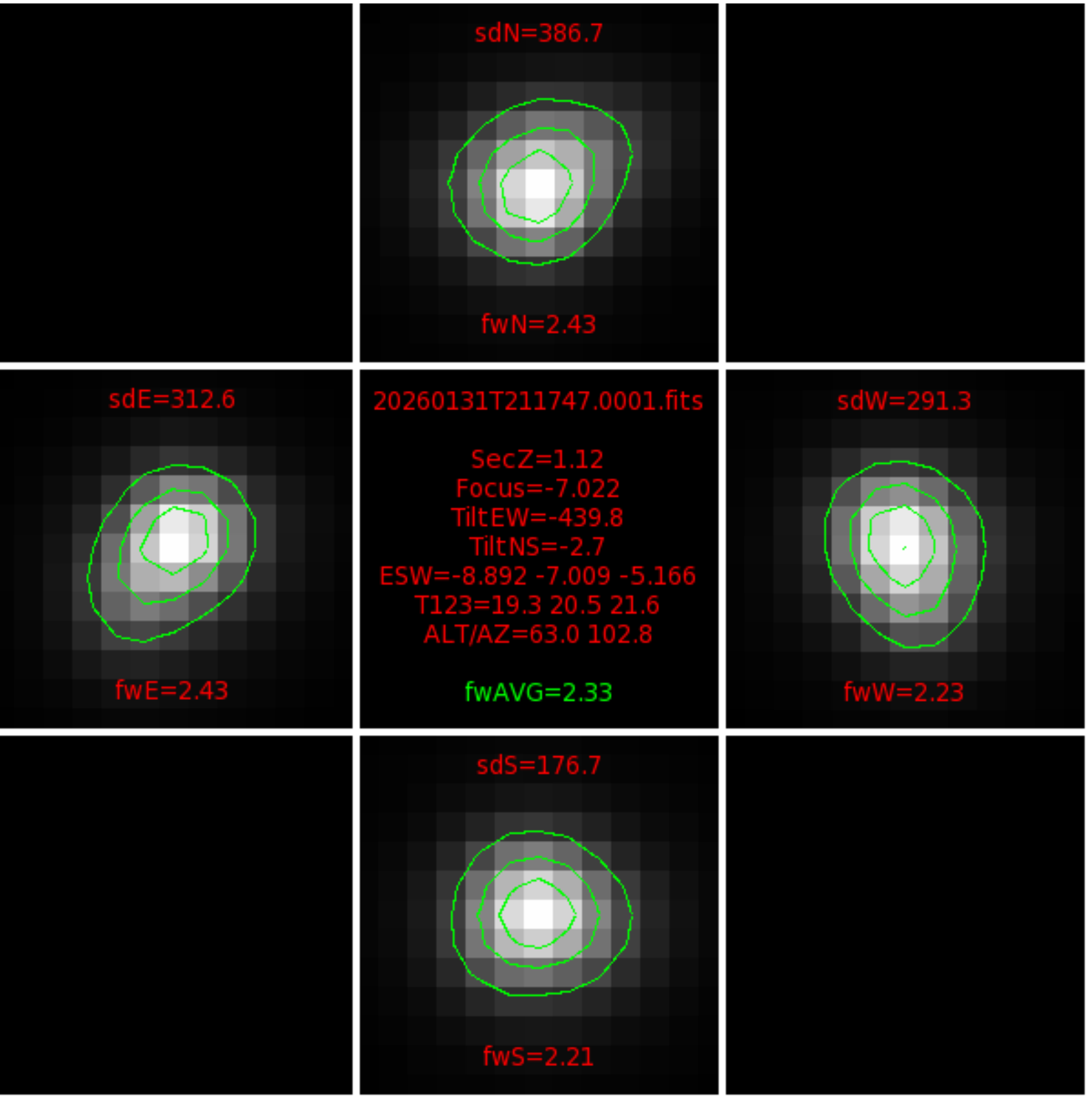

sdN=316.4
fwN=2.31
sdE=723.0
fwE=2.19
20260131T211301.0001.fits
SecZ=1.03
Focus=-7.036
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.906 -7.023 -5.180
T123=19.3 20.6 21.7
ALT/AZ=76.5 104.6
fwAVG=2.19
sdW=1367.2
fwW=2.21
sdS=997.7
fwS=2.04
0 0 0 0 0 0 0 0 0

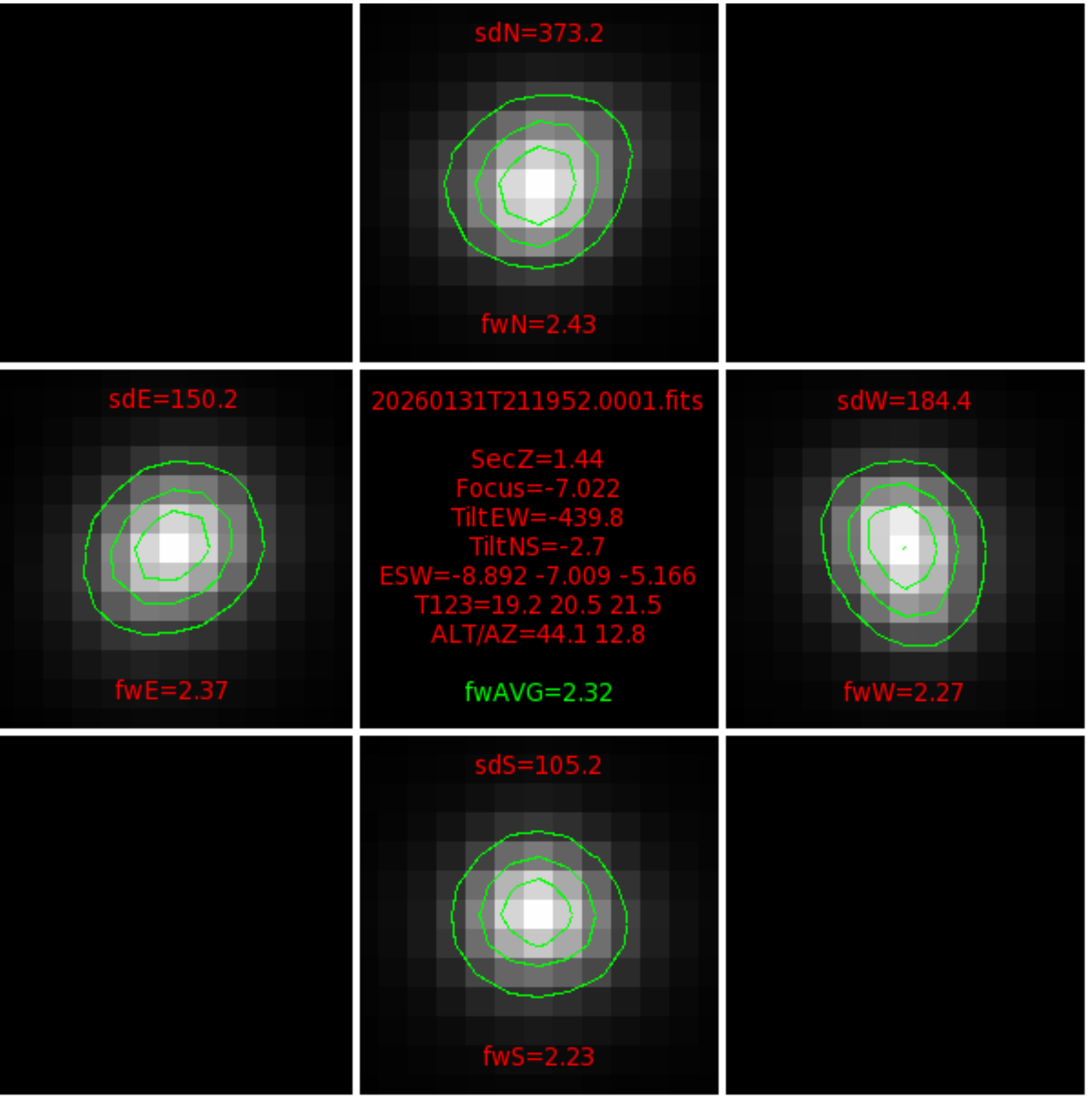

sdN=482.3
fwN=2.28
sdE=1085.5
fwE=2.29
20260131T211332.0001.fits
SecZ=1.03
Focus=-7.029
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.899 -7.016 -5.173
T123=19.3 20.6 21.7
ALT/AZ=76.6 104.8
fwAVG=2.15
sdW=1777.7
fwW=1.99
sdS=1381.2
fwS=2.06
0 0 0 0 0 0 0 0 0

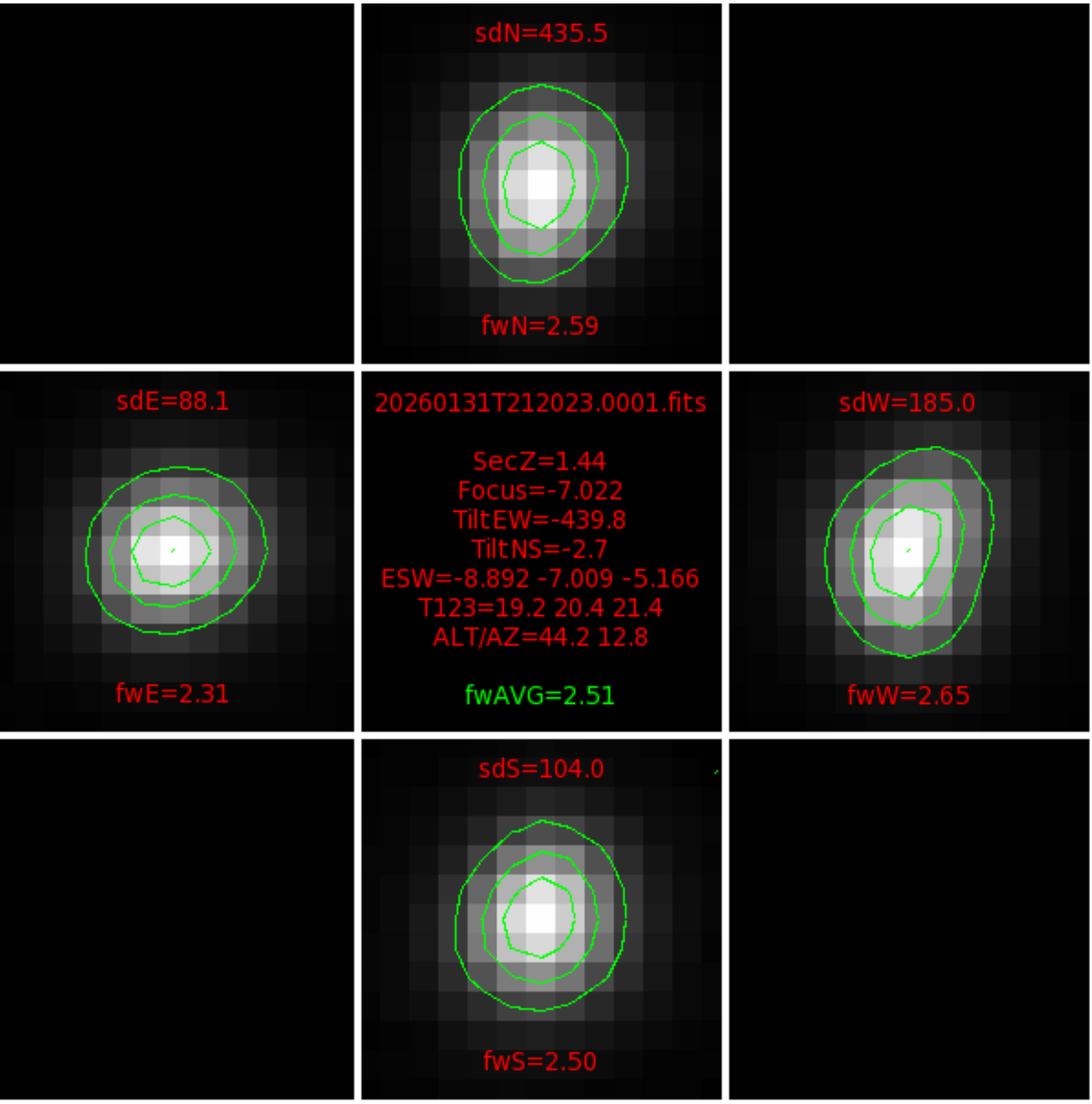

sdN=299.7
fwN=2.16
sdE=663.3
fwE=2.23
20260131T211503.0001.fits
SecZ=1.13
Focus=-7.029
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.899 -7.016 -5.173
T123=19.3 20.5 21.6
ALT/AZ=62.5 102.2
fwAVG=2.06
sdW=1415.8
fwW=1.90
sdS=1020.0
fwS=1.95
0 0 0 0 0 0 0 0 0

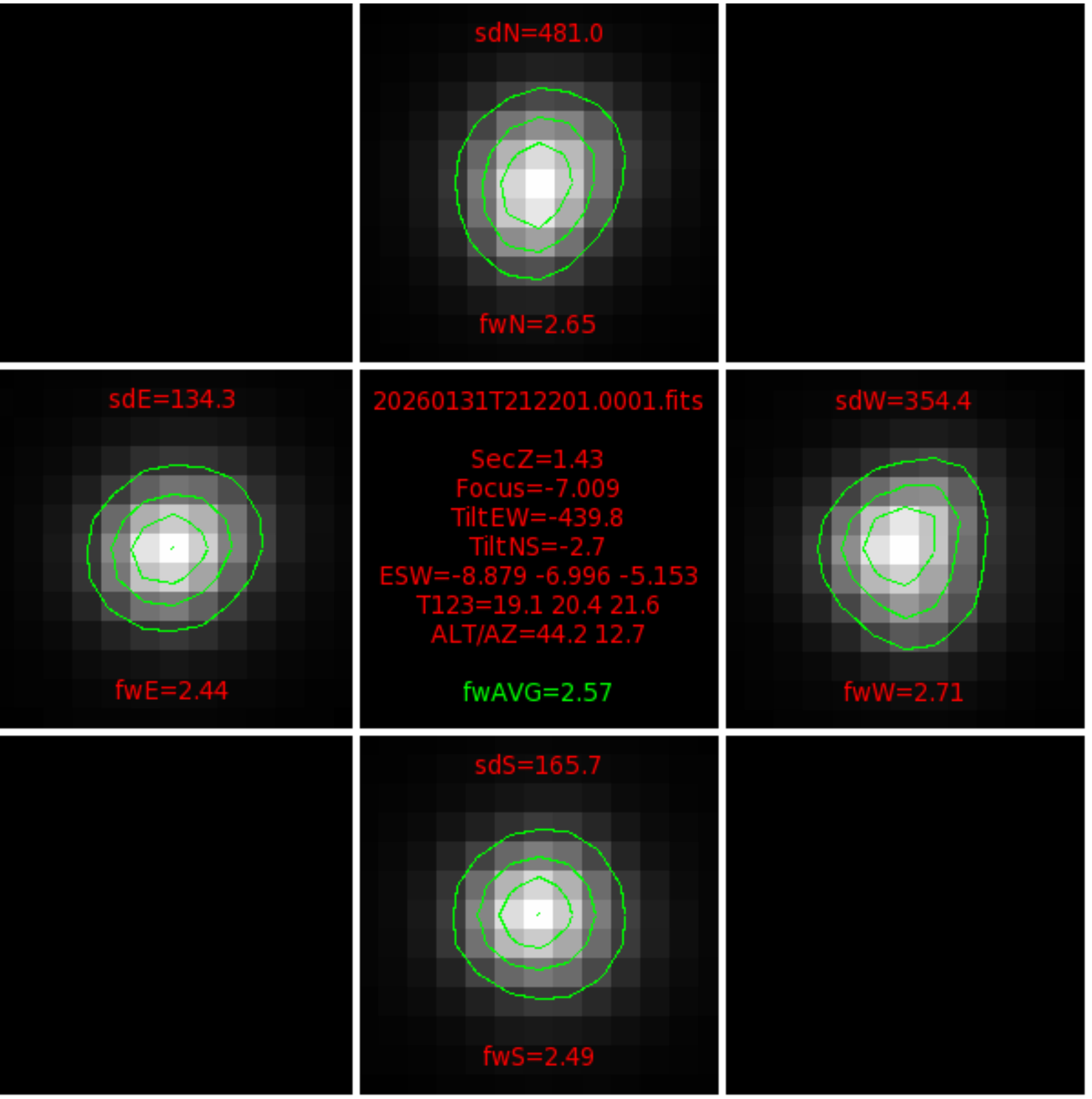

sdN=230.1
fwN=2.64
sdE=102.4
fwE=2.40
20260131T211535.0001.fits
SecZ=1.13
Focus=-7.022
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.892 -7.009 -5.166
T123=19.3 20.5 21.6
ALT/AZ=62.6 102.3
fwAVG=2.37
sdW=135.0
fwW=2.16
sdS=66.6
fwS=2.30
0 0 0 0 0 0 0 0 0

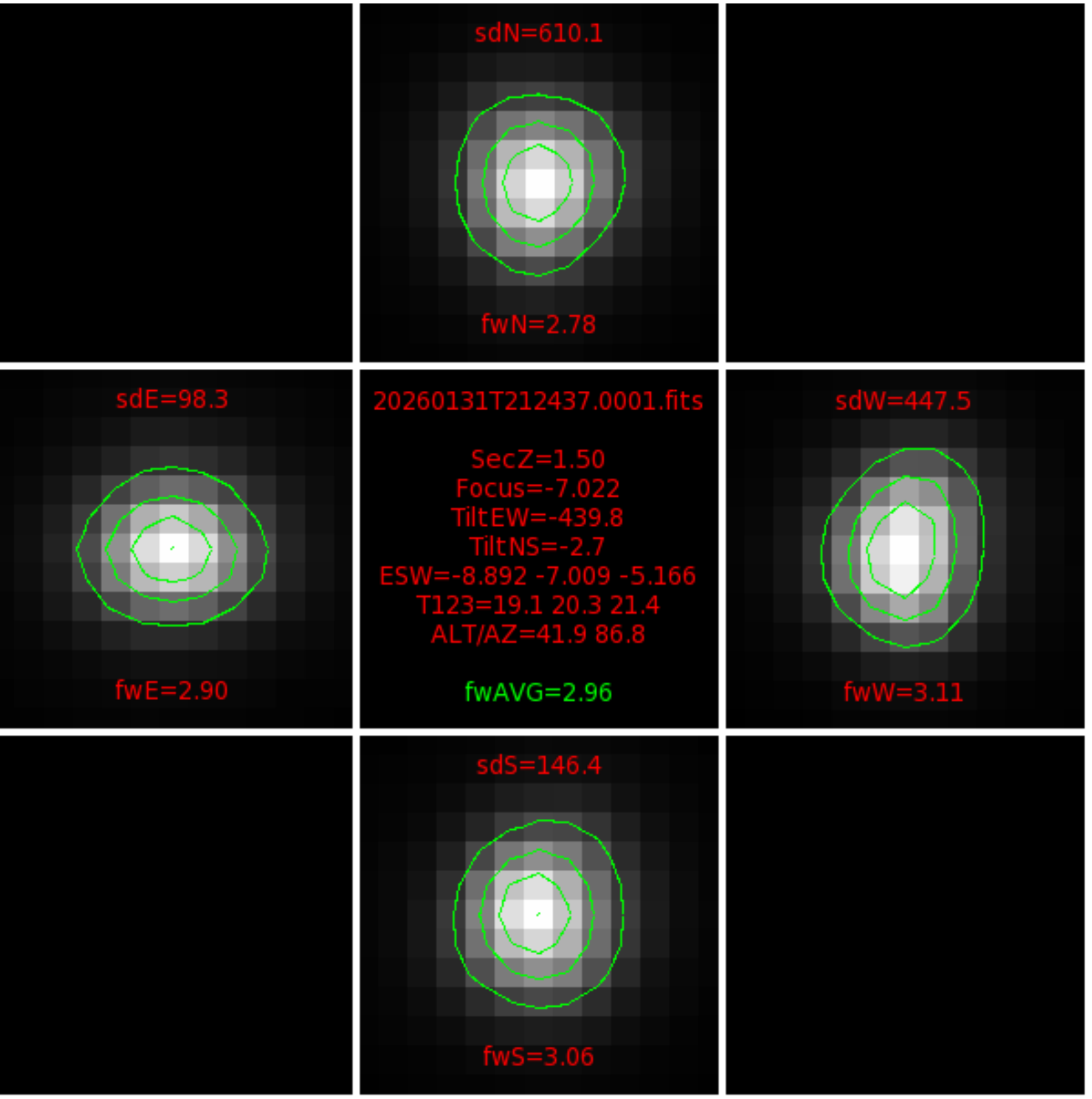

sdN=323.7
fwN=2.49
sdE=181.2
fwE=2.38
20260131T211716.0001.fits
SecZ=1.12
Focus=-7.022
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.892 -7.009 -5.166
T123=19.3 20.5 21.6
ALT/AZ=62.9 102.7
fwAVG=2.30
sdW=172.7
fwW=2.19
sdS=101.1
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=386.7
fwN=2.43
sdE=312.6
fwE=2.43
20260131T211747.0001.fits
SecZ=1.12
Focus=-7.022
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.892 -7.009 -5.166
T123=19.3 20.5 21.6
ALT/AZ=63.0 102.8
fwAVG=2.33
sdW=291.3
fwW=2.23
sdS=176.7
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=373.2
fwN=2.43
sdE=150.2
fwE=2.37
20260131T211952.0001.fits
SecZ=1.44
Focus=-7.022
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.892 -7.009 -5.166
T123=19.2 20.5 21.5
ALT/AZ=44.1 12.8
fwAVG=2.32
sdW=184.4
fwW=2.27
sdS=105.2
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=435.5
fwN=2.59
sdE=88.1
fwE=2.31
20260131T212023.0001.fits
SecZ=1.44
Focus=-7.022
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.892 -7.009 -5.166
T123=19.2 20.4 21.4
ALT/AZ=44.2 12.8
fwAVG=2.51
sdW=185.0
fwW=2.65
sdS=104.0
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=481.0
fwN=2.65
sdE=134.3
fwE=2.44
20260131T212201.0001.fits
SecZ=1.43
Focus=-7.009
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.879 -6.996 -5.153
T123=19.1 20.4 21.6
ALT/AZ=44.2 12.7
fwAVG=2.57
sdW=354.4
fwW=2.71
sdS=165.7
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=610.1
fwN=2.78
sdE=98.3
fwE=2.90
20260131T212437.0001.fits
SecZ=1.50
Focus=-7.022
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.892 -7.009 -5.166
T123=19.1 20.3 21.4
ALT/AZ=41.9 86.8
fwAVG=2.96
sdW=447.5
fwW=3.11
sdS=146.4
fwS=3.06
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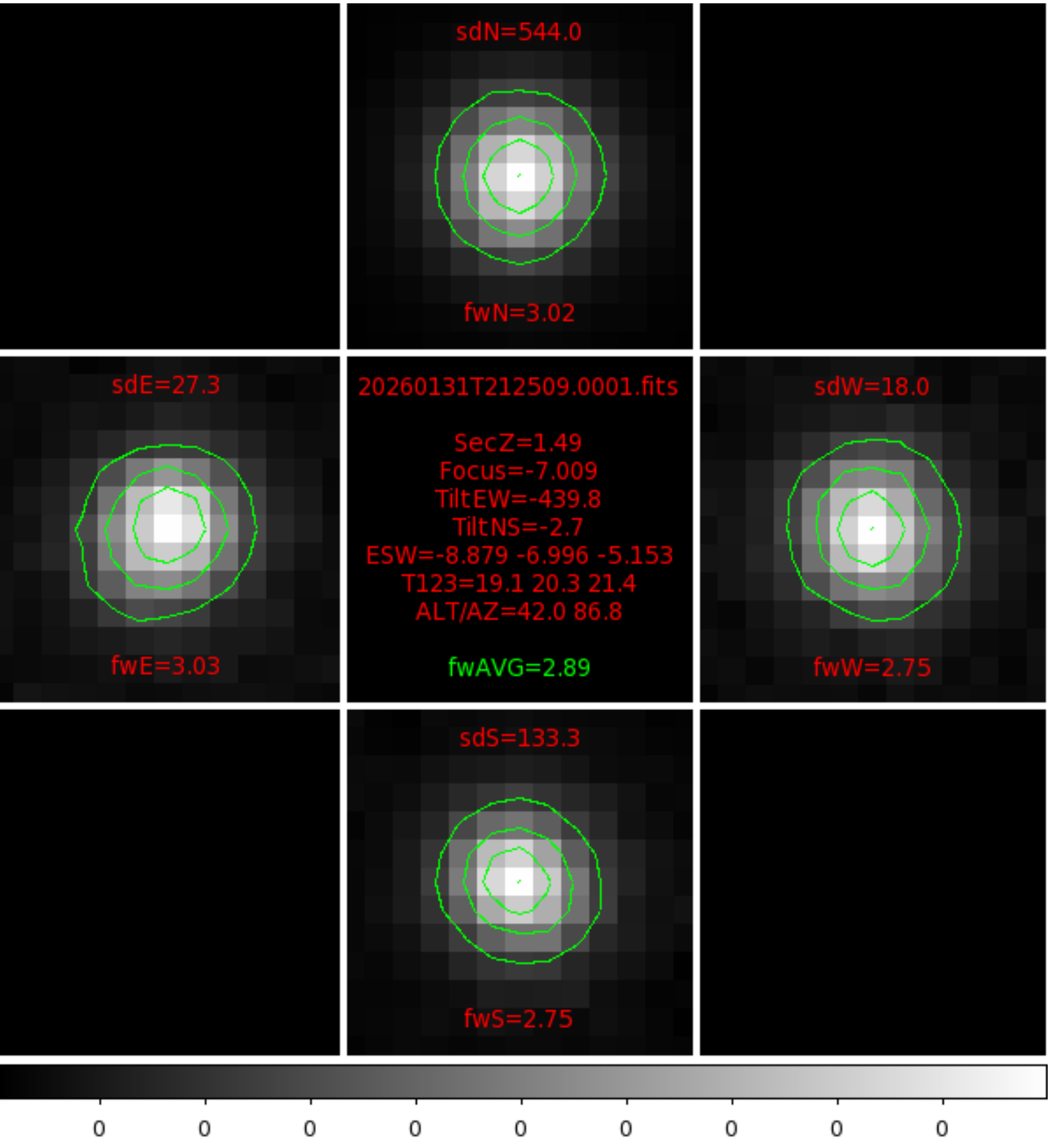
sdN=544.0
fwN=3.02
sdE=27.3
fwE=3.03
20260131T212509.0001.fits
SecZ=1.49
Focus=-7.009
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.879 -6.996 -5.153
T123=19.1 20.3 21.4
ALT/AZ=42.0 86.8
fwAVG=2.89
sdW=18.0
fwW=2.75
sdS=133.3
fwS=2.75
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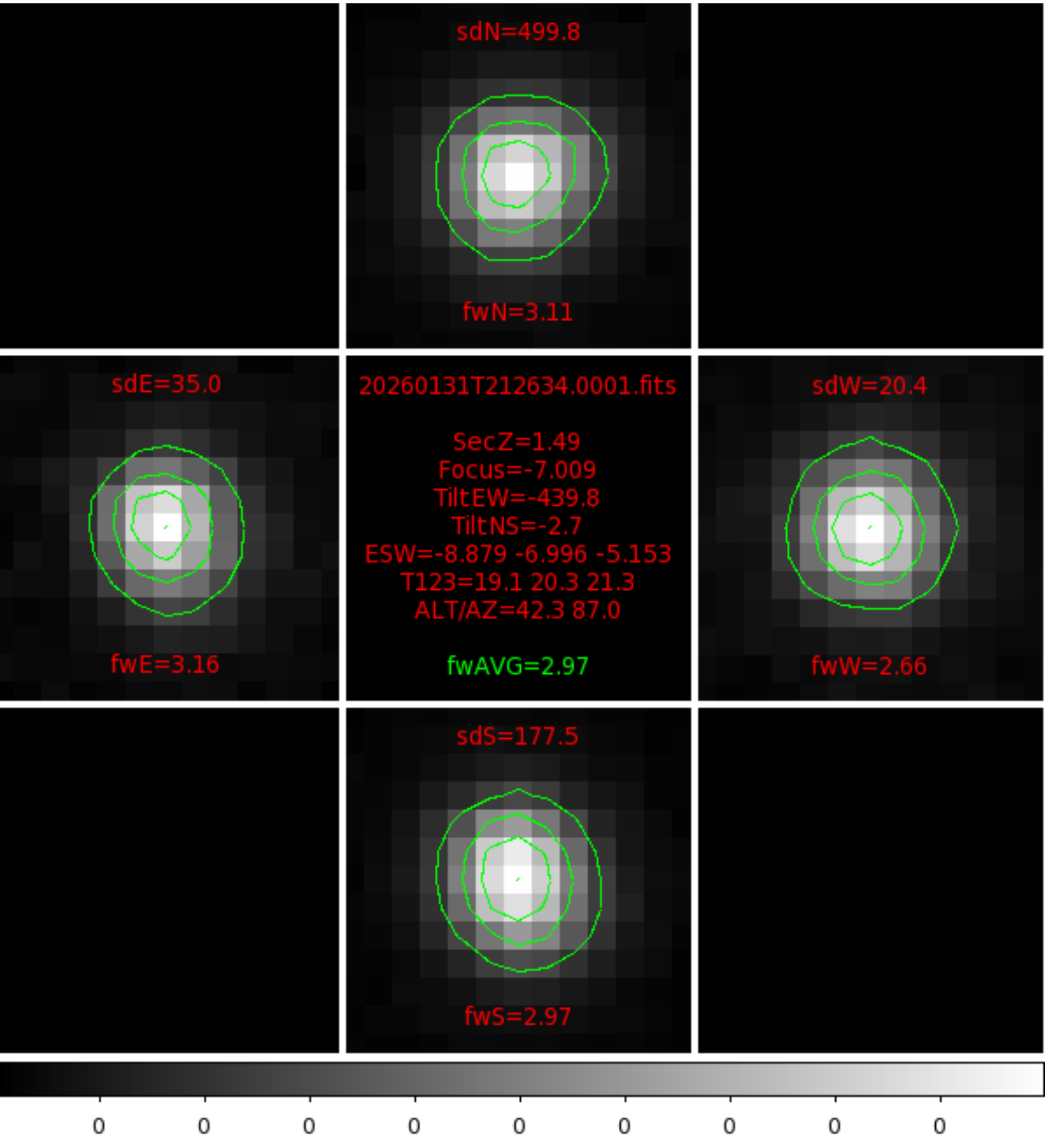
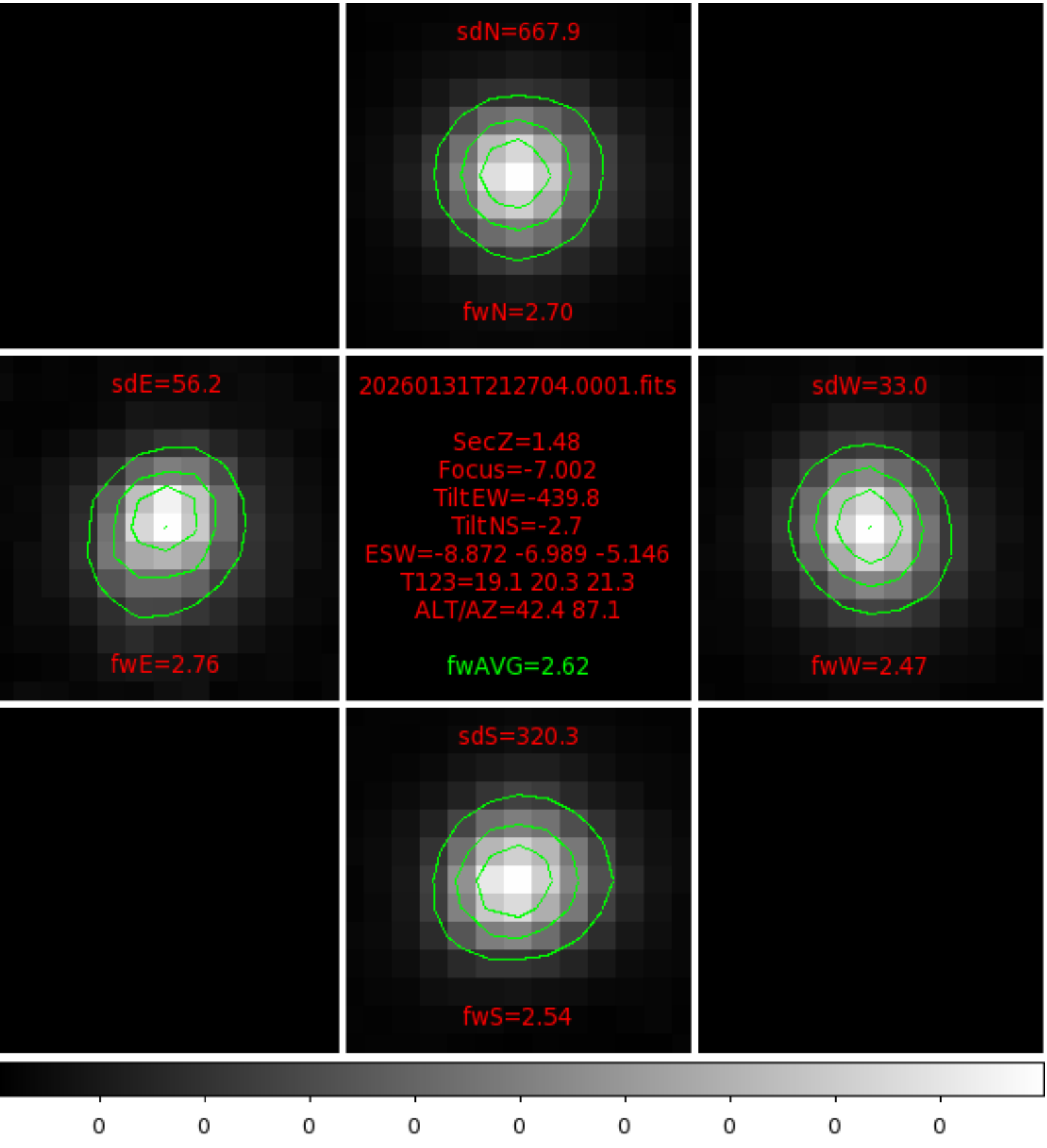

sdN=499.8
fwN=3.11
sdE=35.0
fwE=3.16
20260131T212634.0001.fits
SecZ=1.49
Focus=-7.009
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.879 -6.996 -5.153
T123=19.1 20.3 21.3
ALT/AZ=42.3 87.0
fwAVG=2.97
sdW=20.4
fwW=2.66
sdS=177.5
fwS=2.97
0 0 0 0 0 0 0 0 0


sdN=667.9
fwN=2.70
sdE=56.2
fwE=2.76
20260131T212704.0001.fits
SecZ=1.48
Focus=-7.002
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.872 -6.989 -5.146
T123=19.1 20.3 21.3
ALT/AZ=42.4 87.1
fwAVG=2.62
sdW=33.0
fwW=2.47
sdS=320.3
fwS=2.54
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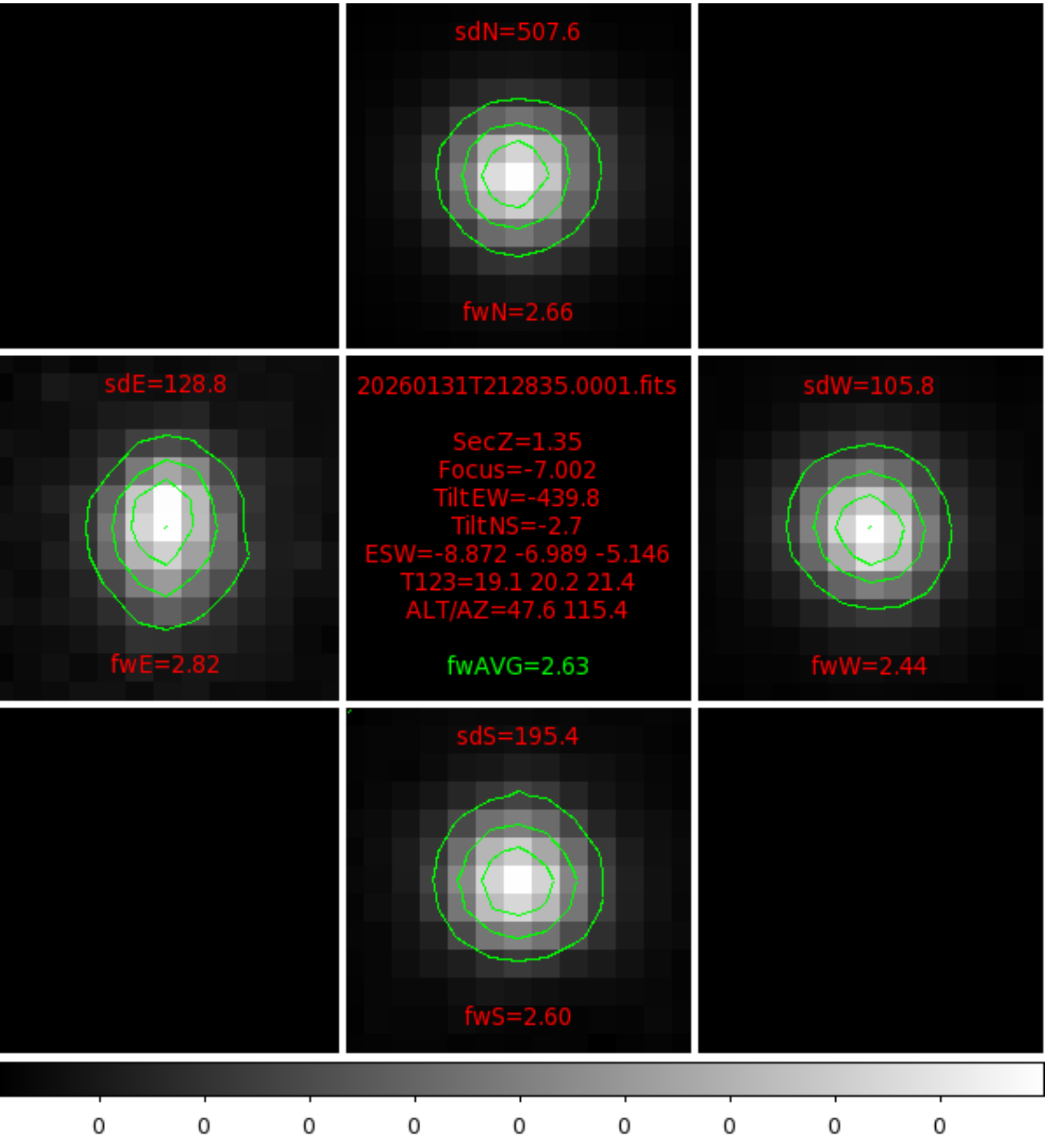
sdN=507.6
fwN=2.66
sdE=128.8
fwE=2.82
20260131T212835.0001.fits
SecZ=1.35
Focus=-7.002
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.872 -6.989 -5.146
T123=19.1 20.2 21.4
ALT/AZ=47.6 115.4
fwAVG=2.63
sdW=105.8
fwW=2.44
sdS=195.4
fwS=2.60
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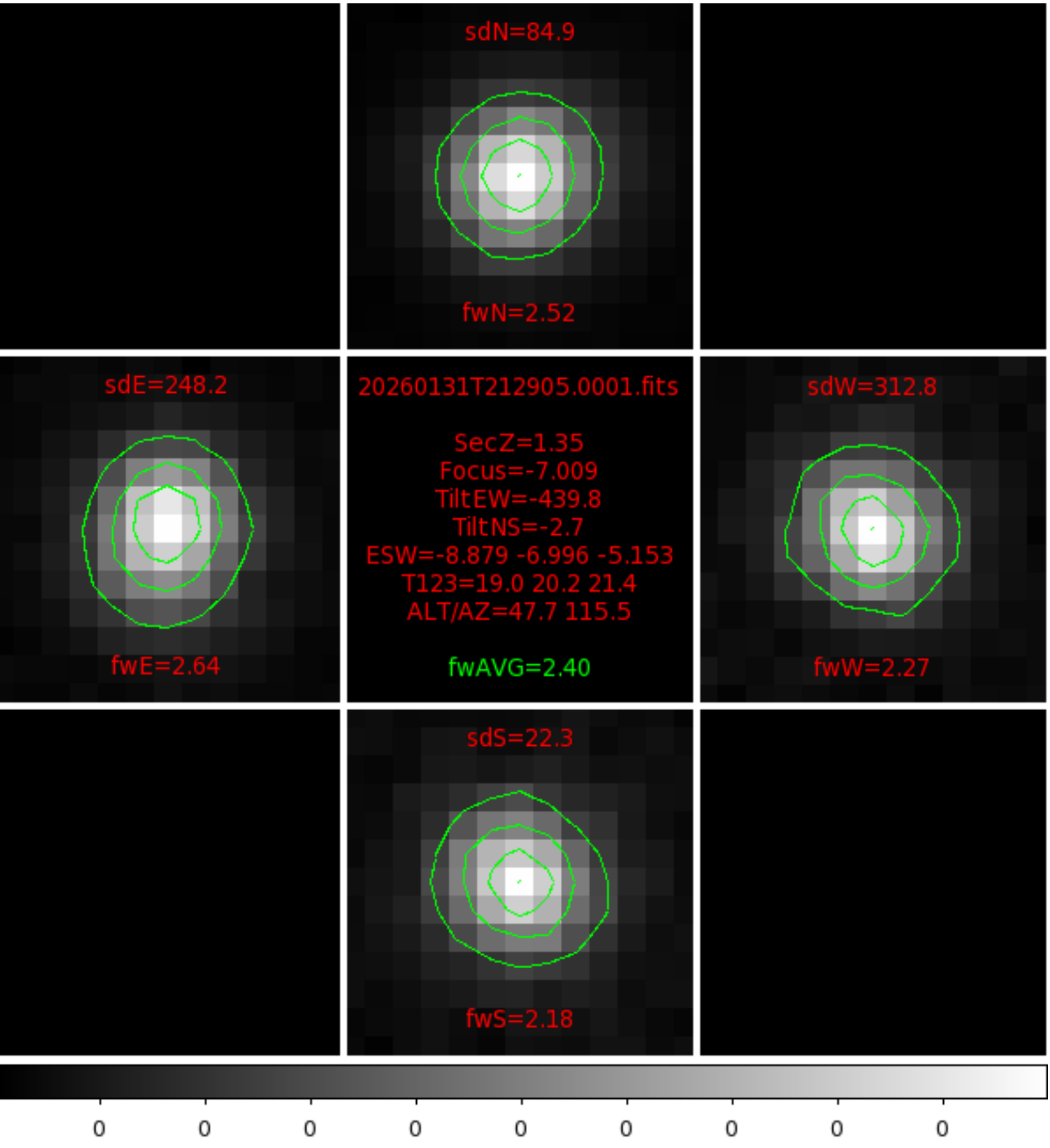
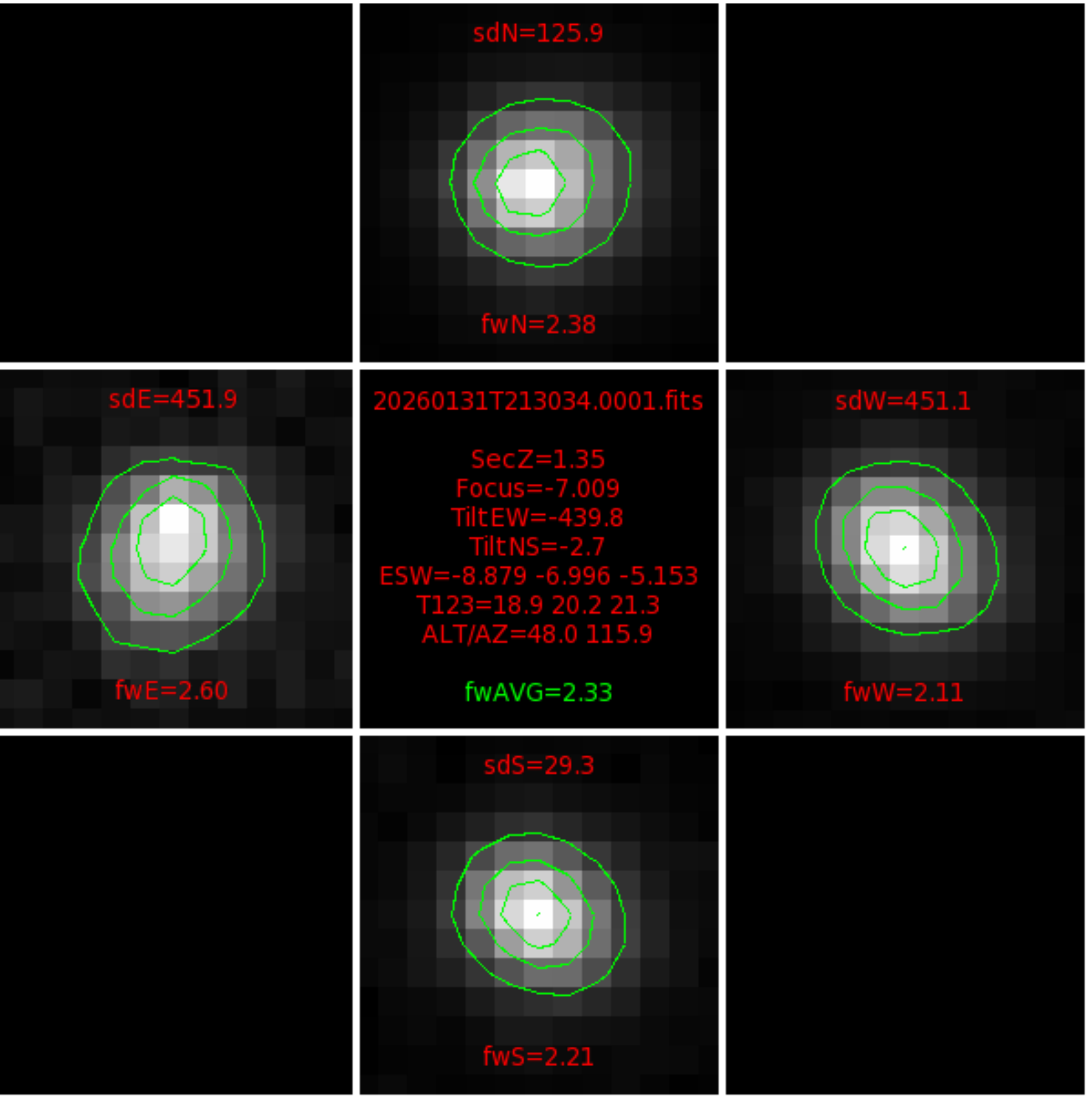

sdN=84.9
fwN=2.52
sdE=248.2
fwE=2.64
20260131T212905.0001.fits
SecZ=1.35
Focus=-7.009
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.879 -6.996 -5.153
T123=19.0 20.2 21.4
ALT/AZ=47.7 115.5
fwAVG=2.40
sdW=312.8
fwW=2.27
sdS=22.3
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=125.9
fwN=2.38
sdE=451.9
fwE=2.60
20260131T213034.0001.fits
SecZ=1.35
Focus=-7.009
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.879 -6.996 -5.153
T123=18.9 20.2 21.3
ALT/AZ=48.0 115.9
fwAVG=2.33
sdW=451.1
fwW=2.11
sdS=29.3
fwS=2.21
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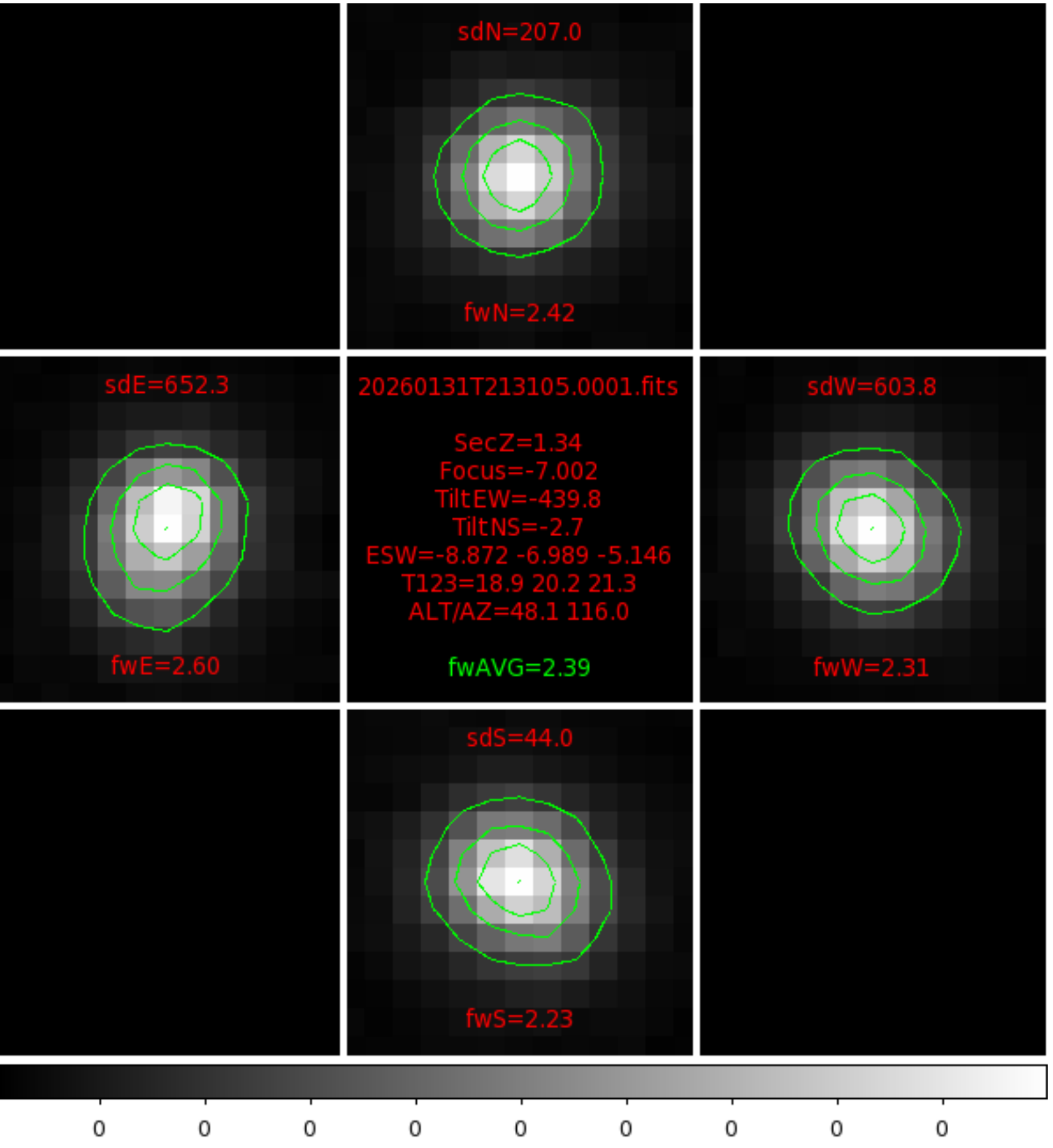
sdN=207.0
fwN=2.42
sdE=652.3
fwE=2.60
20260131T213105.0001.fits
SecZ=1.34
Focus=-7.002
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.872 -6.989 -5.146
T123=18.9 20.2 21.3
ALT/AZ=48.1 116.0
fwAVG=2.39
sdW=603.8
fwW=2.31
sdS=44.0
fwS=2.23
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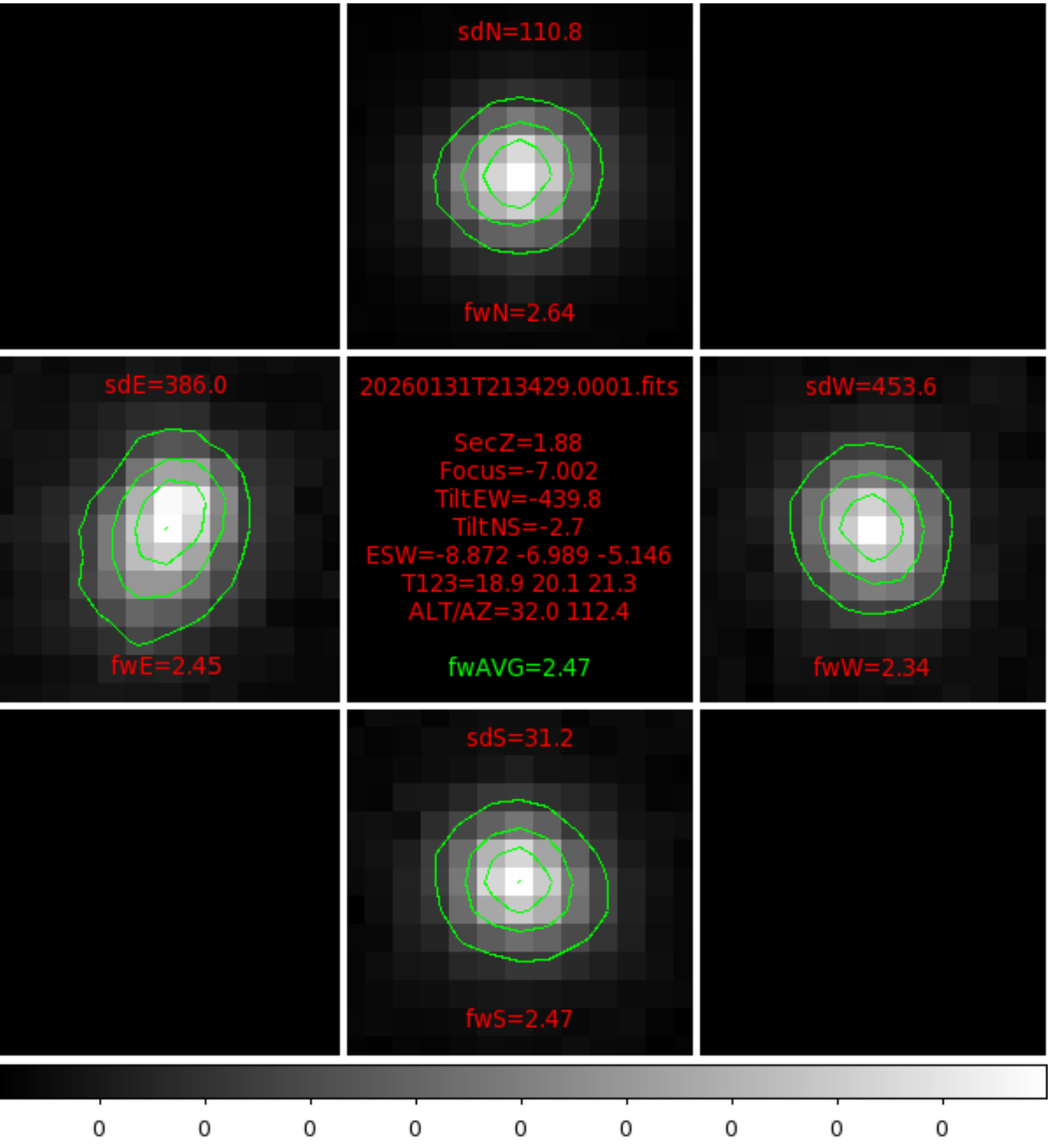
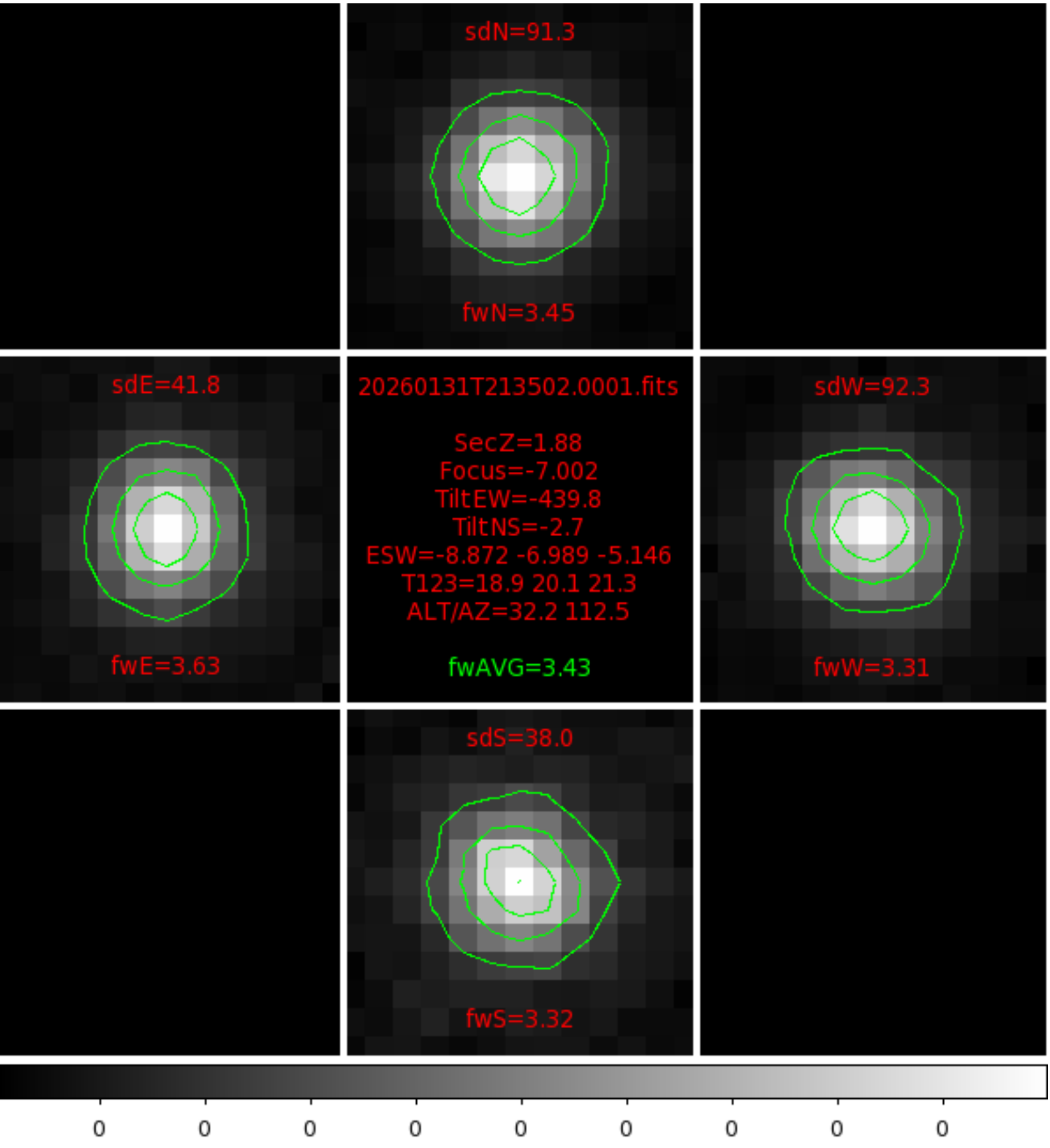

sdN=110.8
fwN=2.64
sdE=386.0
fwE=2.45
20260131T213429.0001.fits
SecZ=1.88
Focus=-7.002
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.872 -6.989 -5.146
T123=18.9 20.1 21.3
ALT/AZ=32.0 112.4
fwAVG=2.47
sdW=453.6
fwW=2.34
sdS=31.2
fwS=2.47
0 0 0 0 0 0 0 0 0


sdN=91.3
fwN=3.45
sdE=41.8
fwE=3.63
20260131T213502.0001.fits
SecZ=1.88
Focus=-7.002
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.872 -6.989 -5.146
T123=18.9 20.1 21.3
ALT/AZ=32.2 112.5
fwAVG=3.43
sdW=92.3
fwW=3.31
sdS=38.0
fwS=3.32
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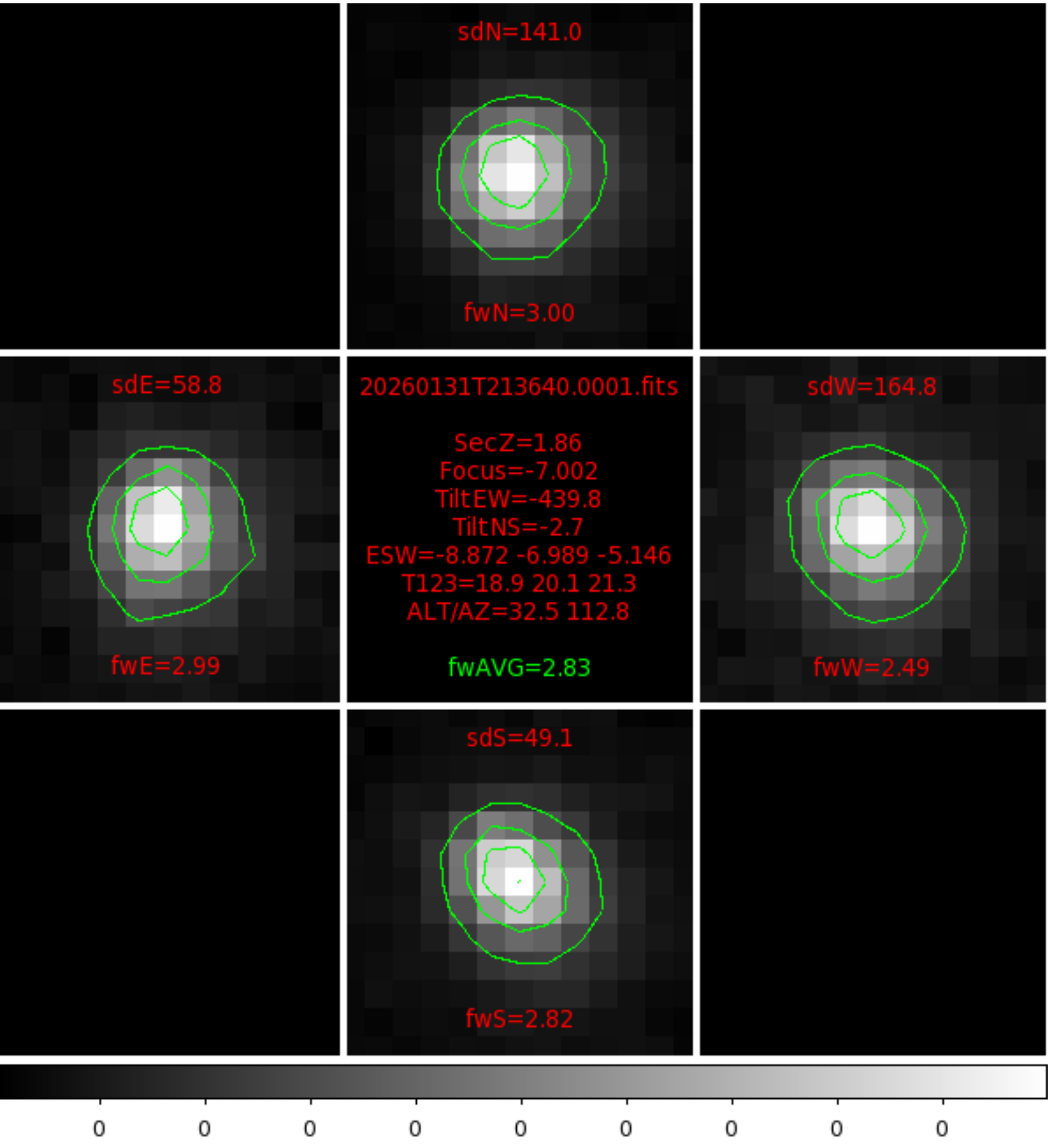
sdN=141.0
fwN=3.00
sdE=58.8
fwE=2.99
20260131T213640.0001.fits
SecZ=1.86
Focus=-7.002
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.872 -6.989 -5.146
T123=18.9 20.1 21.3
ALT/AZ=32.5 112.8
fwAVG=2.83
sdW=164.8
fwW=2.49
sdS=49.1
fwS=2.82
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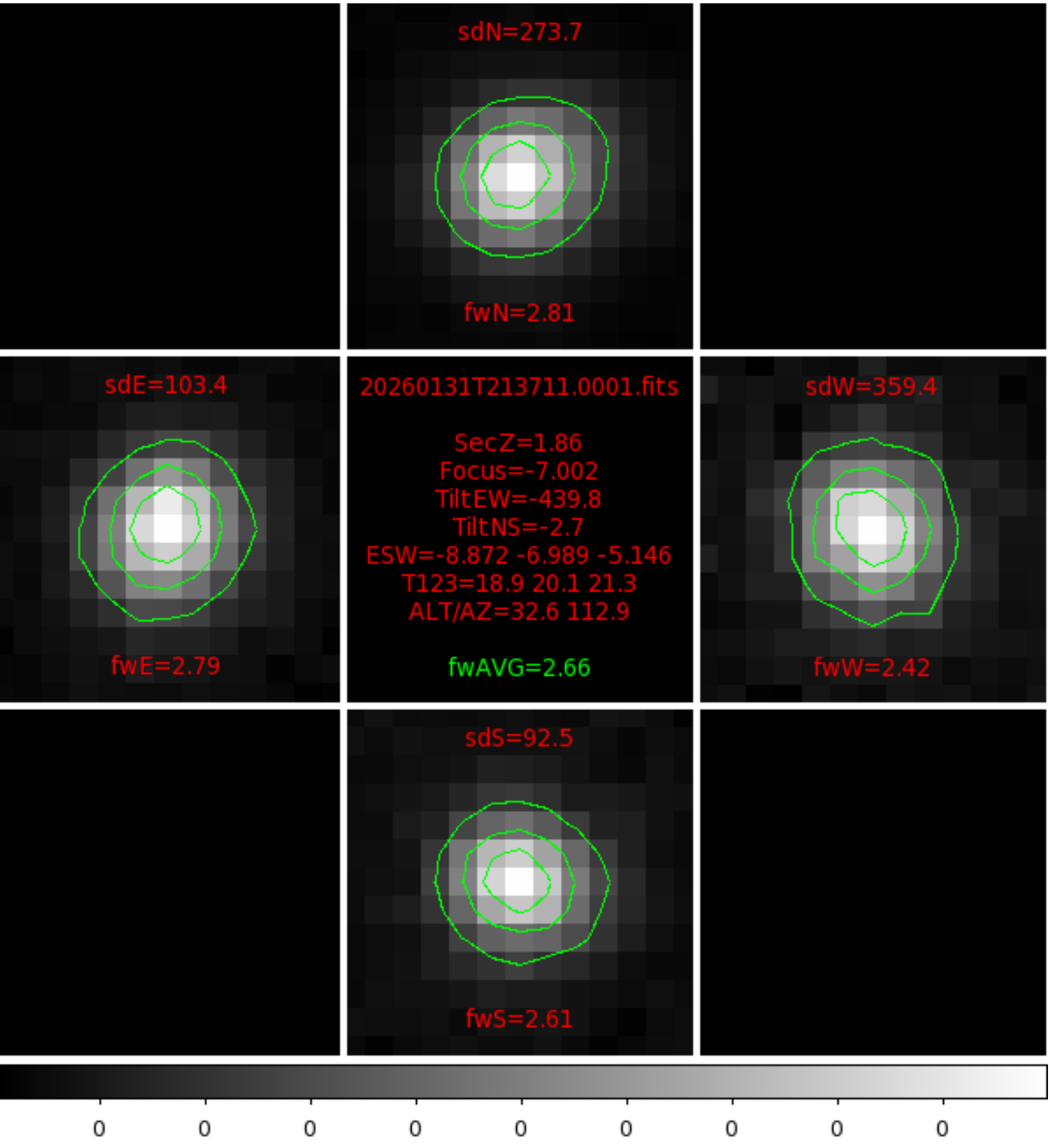
sdN=273.7
fwN=2.81
sdE=103.4
fwE=2.79
20260131T213711.0001.fits
SecZ=1.86
Focus=-7.002
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.872 -6.989 -5.146
T123=18.9 20.1 21.3
ALT/AZ=32.6 112.9
fwAVG=2.66
sdW=359.4
fwW=2.42
sdS=92.5
fwS=2.61
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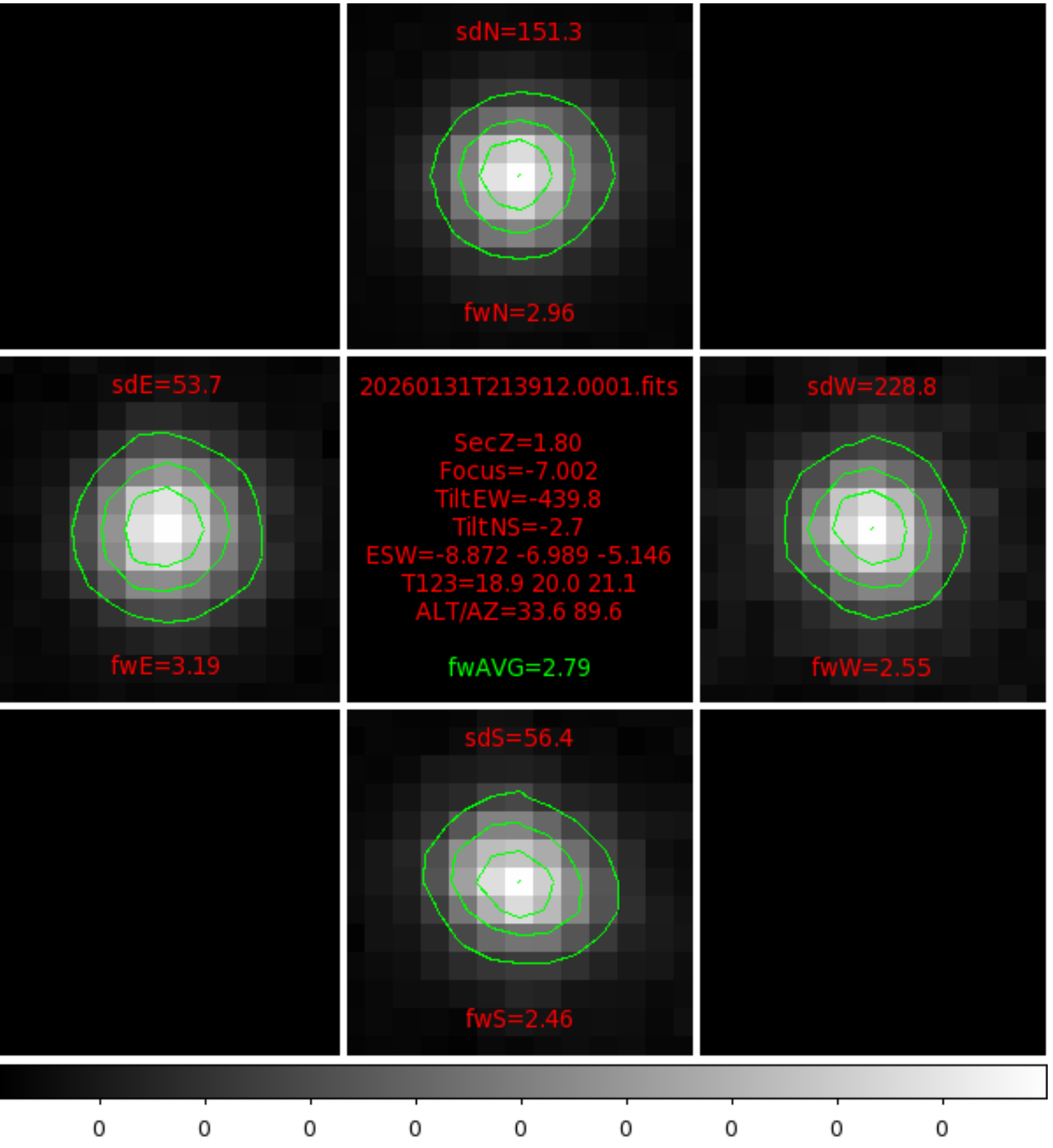
sdN=151.3
fwN=2.96
sdE=53.7
fwE=3.19
20260131T213912.0001.fits
SecZ=1.80
Focus=-7.002
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.872 -6.989 -5.146
T123=18.9 20.0 21.1
ALT/AZ=33.6 89.6
fwAVG=2.79
sdW=228.8
fwW=2.55
sdS=56.4
fwS=2.46
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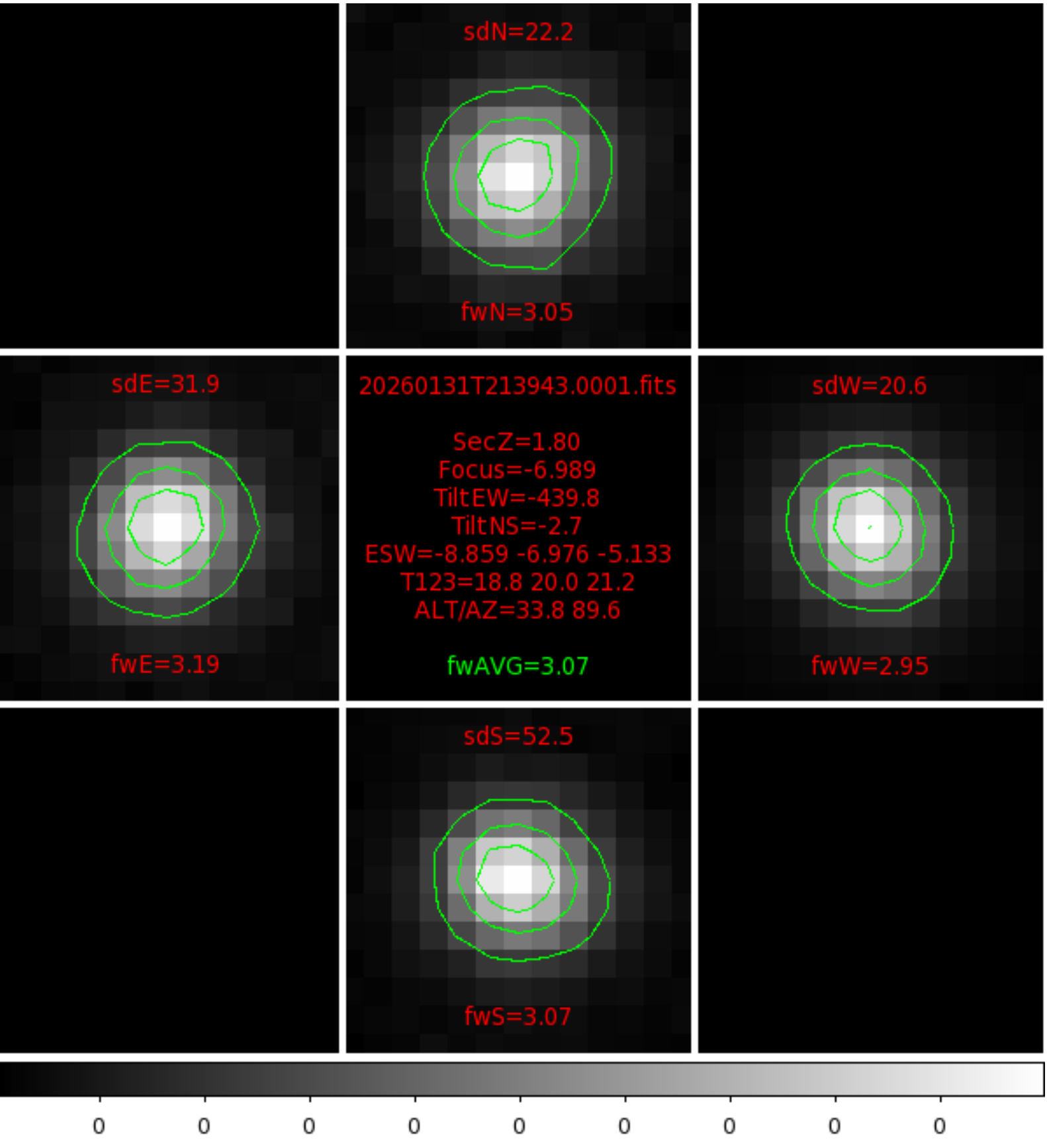
sdN=22.2
fwN=3.05
sdE=31.9
fwE=3.19
20260131T213943.0001.fits
SecZ=1.80
Focus=-6.989
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.859 -6.976 -5.133
T123=18.8 20.0 21.2
ALT/AZ=33.8 89.6
fwAVG=3.07
sdW=20.6
fwW=2.95
sdS=52.5
fwS=3.07
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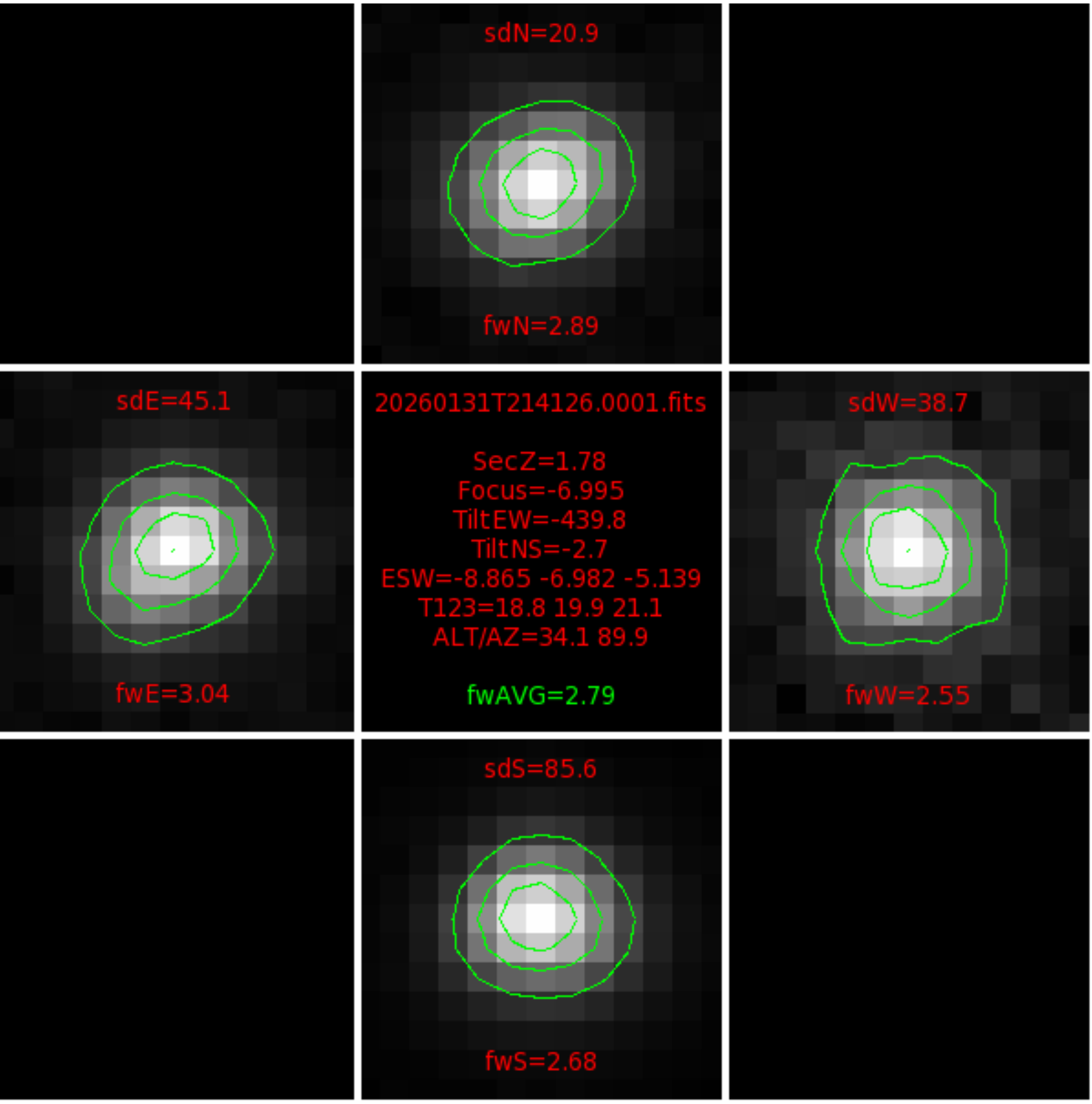
sdN=20.9
fwN=2.89
sdE=45.1
fwE=3.04
20260131T214126.0001.fits
SecZ=1.78
Focus=-6.995
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.865 -6.982 -5.139
T123=18.8 19.9 21.1
ALT/AZ=34.1 89.9
fwAVG=2.79
sdW=38.7
fwW=2.55
sdS=85.6
fwS=2.68
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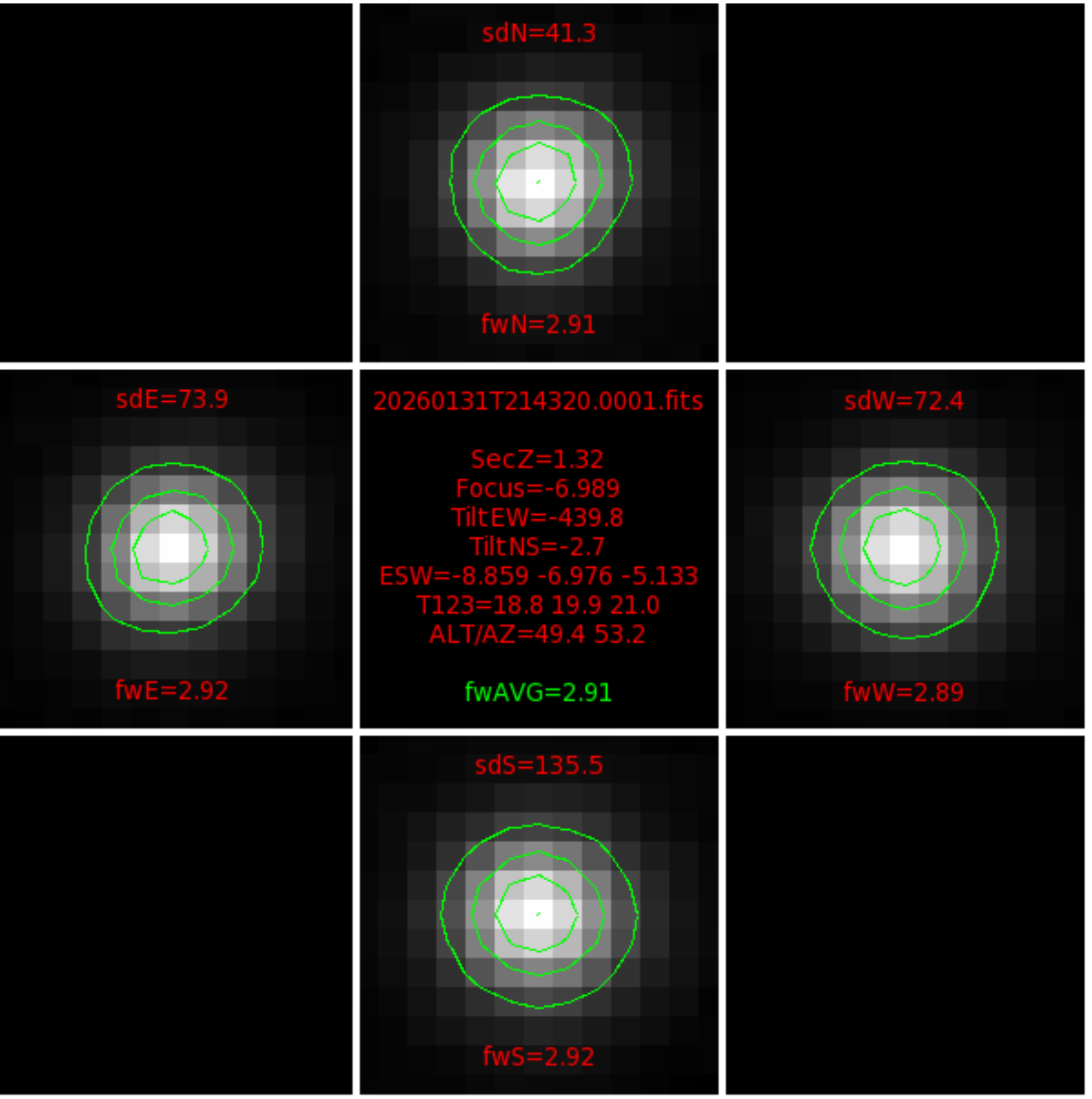
sdN=41.3
fwN=2.91
sdE=73.9
fwE=2.92
20260131T214320.0001.fits
SecZ=1.32
Focus=-6.989
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.859 -6.976 -5.133
T123=18.8 19.9 21.0
ALT/AZ=49.4 53.2
fwAVG=2.91
sdW=72.4
fwW=2.89
sdS=135.5
fwS=2.92
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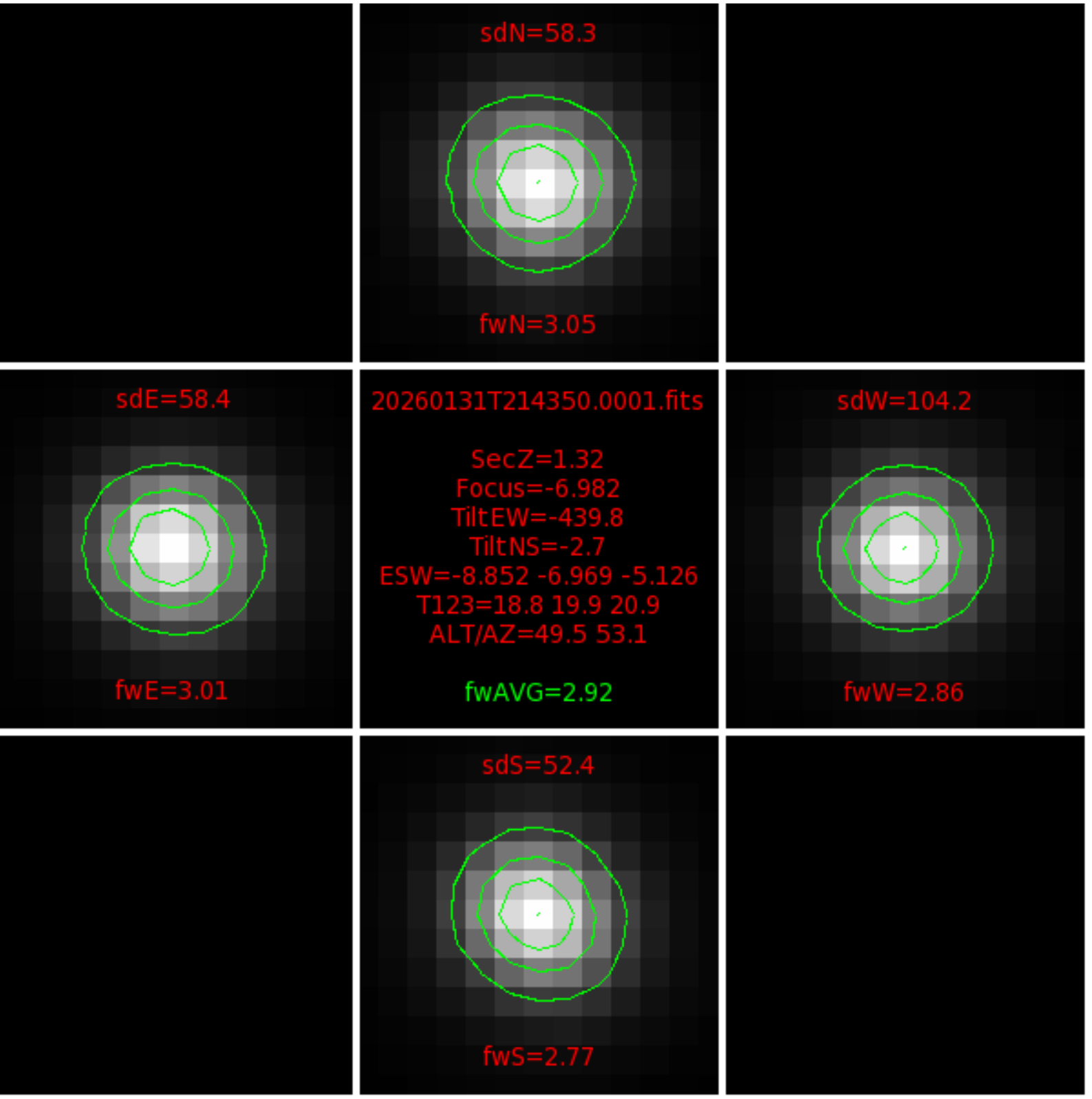
sdN=58.3
fwN=3.05
sdE=58.4
fwE=3.01
20260131T214350.0001.fits
SecZ=1.32
Focus=-6.982
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.852 -6.969 -5.126
T123=18.8 19.9 20.9
ALT/AZ=49.5 53.1
fwAVG=2.92
sdW=104.2
fwW=2.86
sdS=52.4
fwS=2.77
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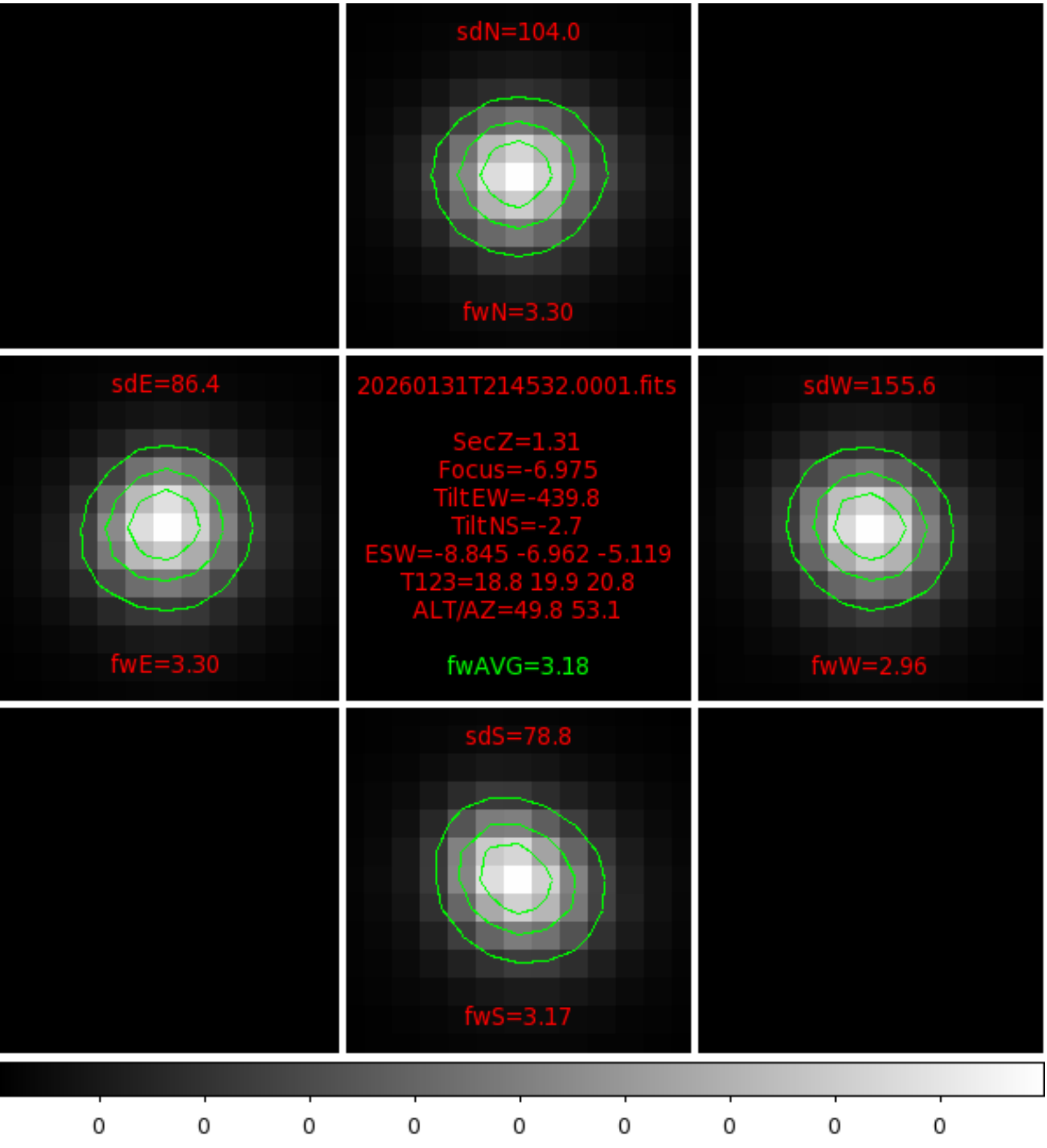
sdN=104.0
fwN=3.30
sdE=86.4
fwE=3.30
20260131T214532.0001.fits
SecZ=1.31
Focus=-6.975
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.845 -6.962 -5.119
T123=18.8 19.9 20.8
ALT/AZ=49.8 53.1
fwAVG=3.18
sdW=155.6
fwW=2.96
sdS=78.8
fwS=3.17
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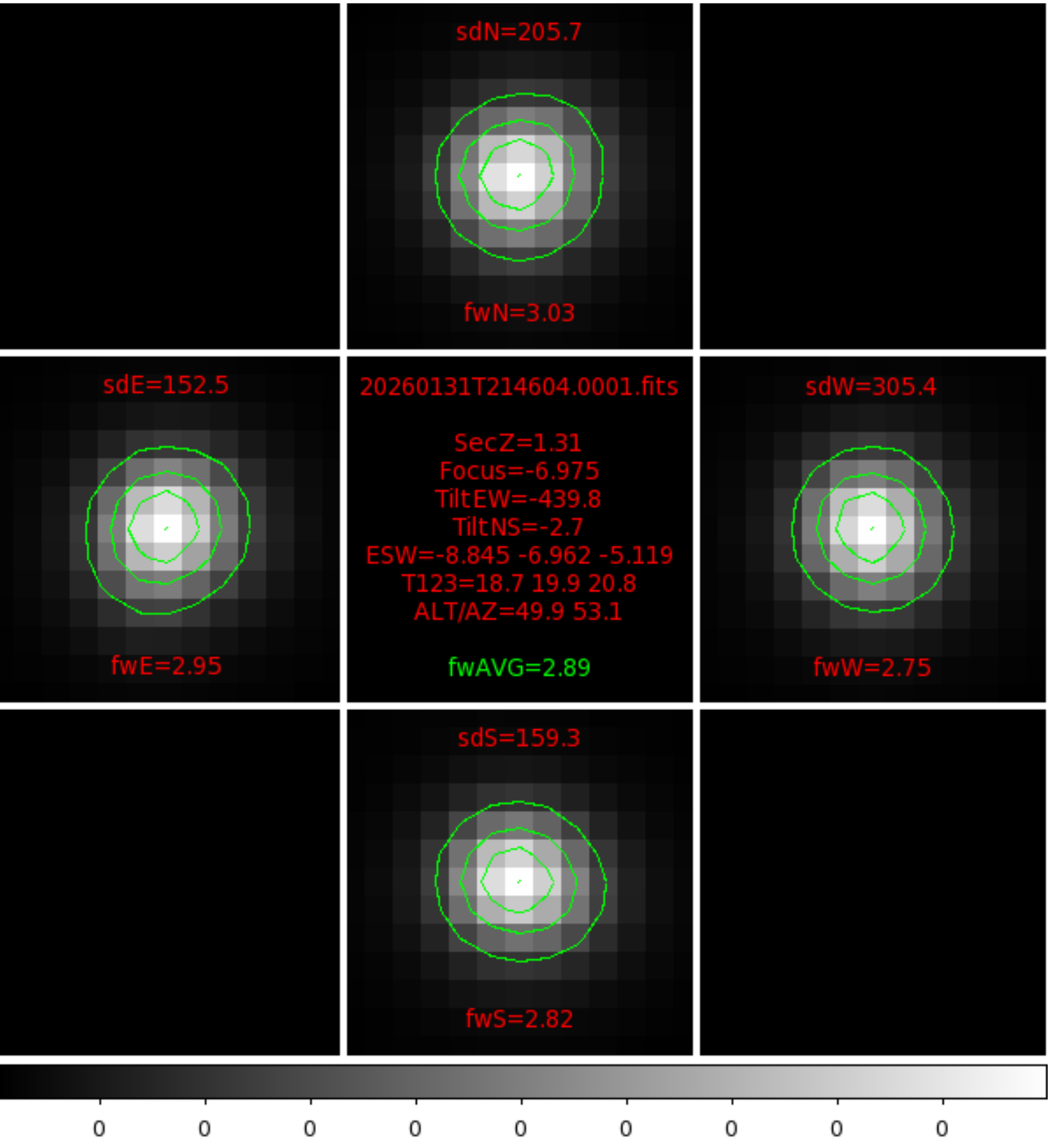
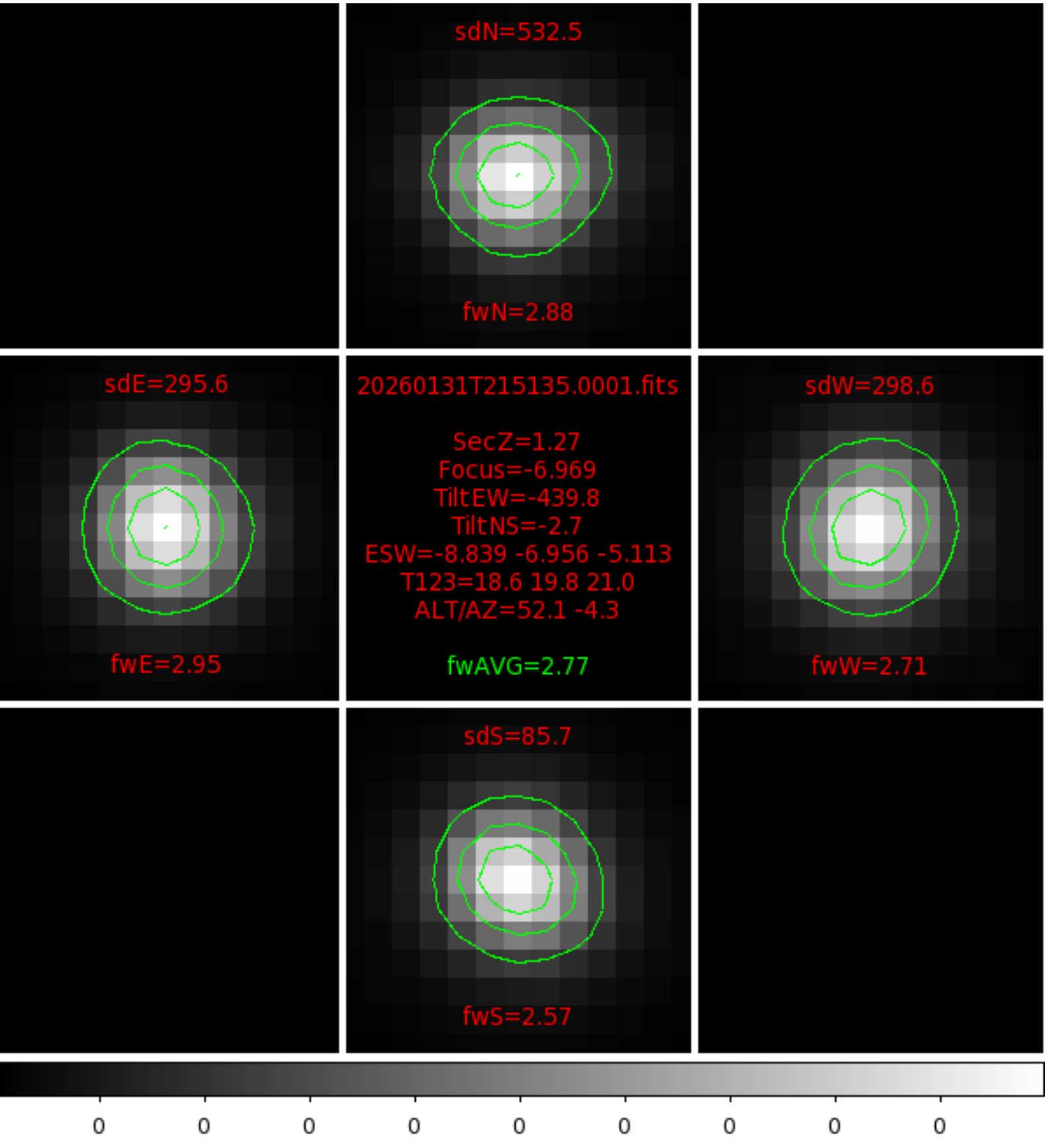

sdN=205.7
fwN=3.03
sdE=152.5
fwE=2.95
20260131T214604.0001.fits
SecZ=1.31
Focus=-6.975
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.845 -6.962 -5.119
T123=18.7 19.9 20.8
ALT/AZ=49.9 53.1
fwAVG=2.89
sdW=305.4
fwW=2.75
sdS=159.3
fwS=2.82
0 0 0 0 0 0 0 0 0


sdN=532.5
fwN=2.88
sdE=295.6
fwE=2.95
20260131T215135.0001.fits
SecZ=1.27
Focus=-6.969
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.839 -6.956 -5.113
T123=18.6 19.8 21.0
ALT/AZ=52.1 -4.3
fwAVG=2.77
sdW=298.6
fwW=2.71
sdS=85.7
fwS=2.57
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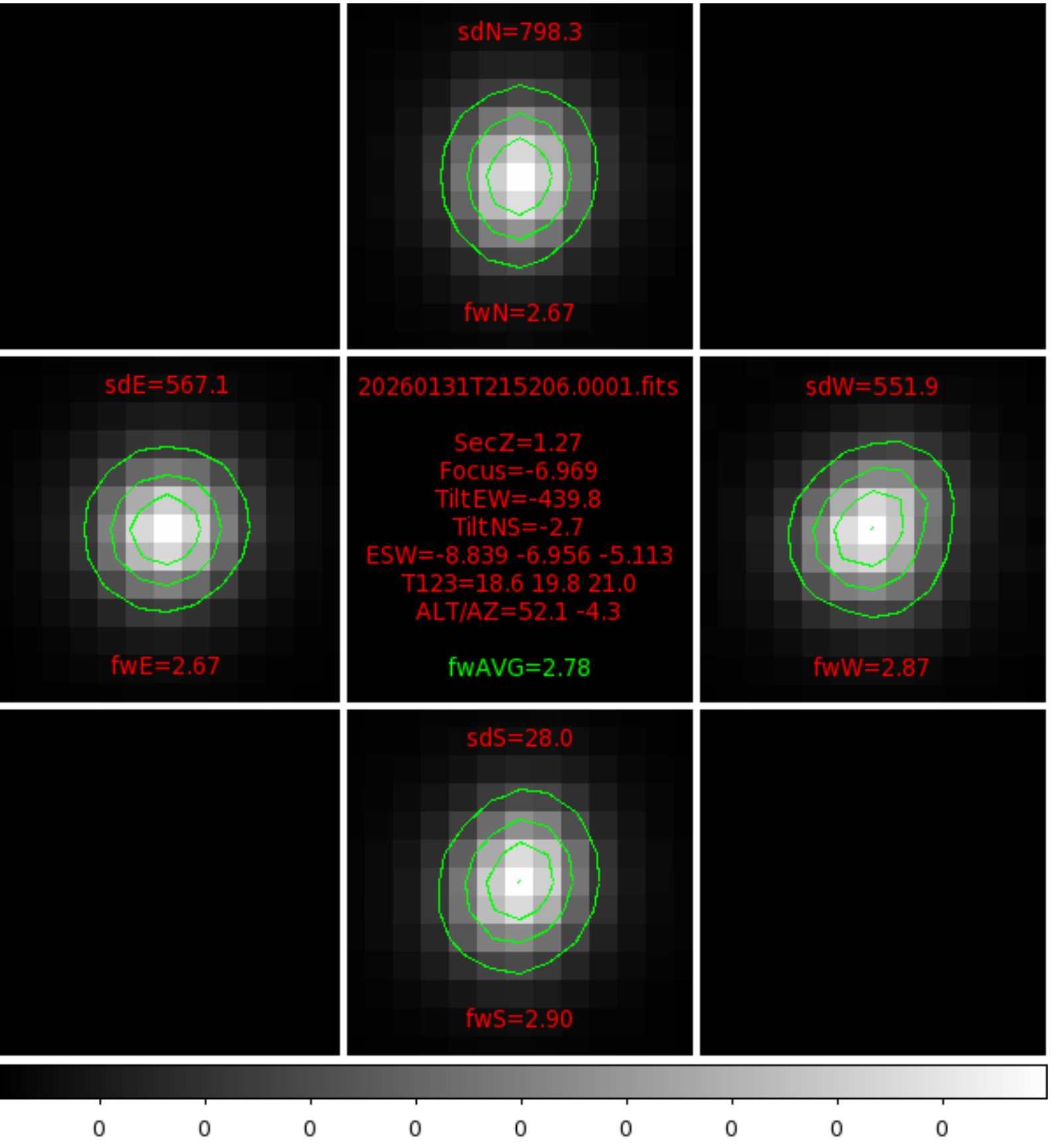
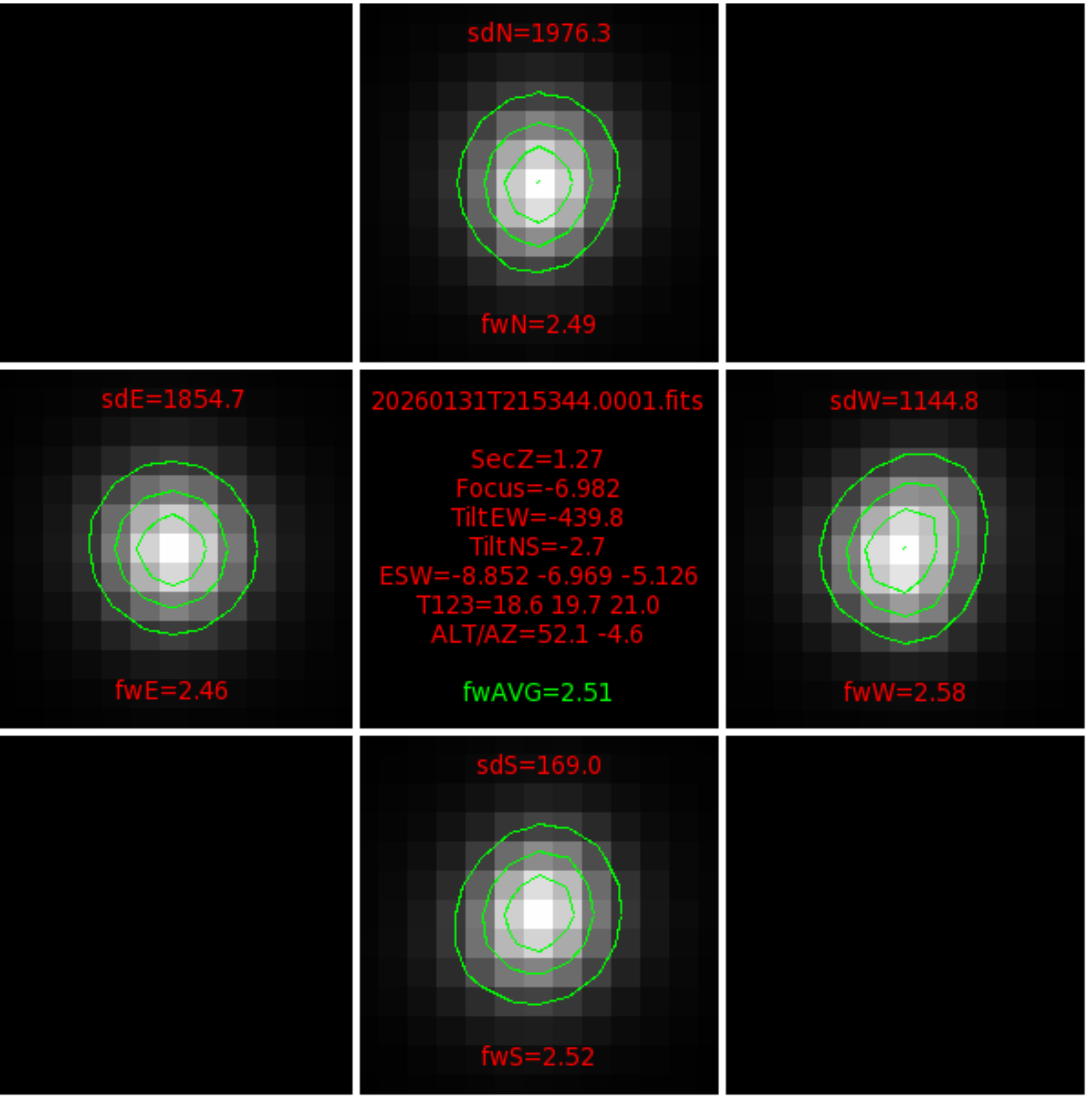

sdN=798.3
fwN=2.67
sdE=567.1
fwE=2.67
20260131T215206.0001.fits
SecZ=1.27
Focus=-6.969
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.839 -6.956 -5.113
T123=18.6 19.8 21.0
ALT/AZ=52.1 -4.3
fwAVG=2.78
sdW=551.9
fwW=2.87
sdS=28.0
fwS=2.90
0 0 0 0 0 0 0 0 0


sdN=1976.3
fwN=2.49
sdE=1854.7
fwE=2.46
20260131T215344.0001.fits
SecZ=1.27
Focus=-6.982
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.852 -6.969 -5.126
T123=18.6 19.7 21.0
ALT/AZ=52.1 -4.6
fwAVG=2.51
sdW=1144.8
fwW=2.58
sdS=169.0
fwS=2.52
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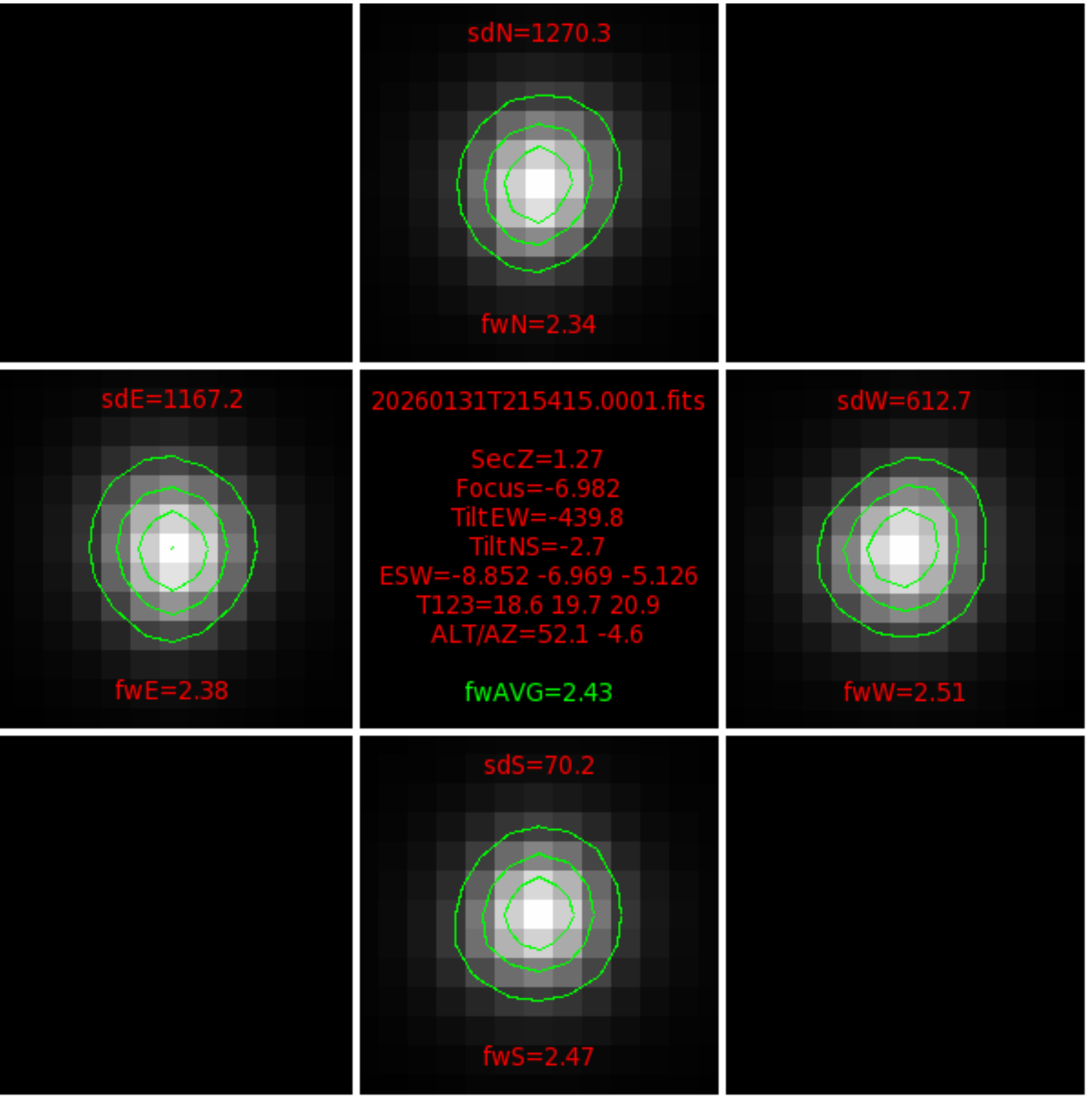
sdN=1270.3
fwN=2.34
sdE=1167.2
fwE=2.38
20260131T215415.0001.fits
SecZ=1.27
Focus=-6.982
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.852 -6.969 -5.126
T123=18.6 19.7 20.9
ALT/AZ=52.1 -4.6
fwAVG=2.43
sdW=612.7
fwW=2.51
sdS=70.2
fwS=2.47
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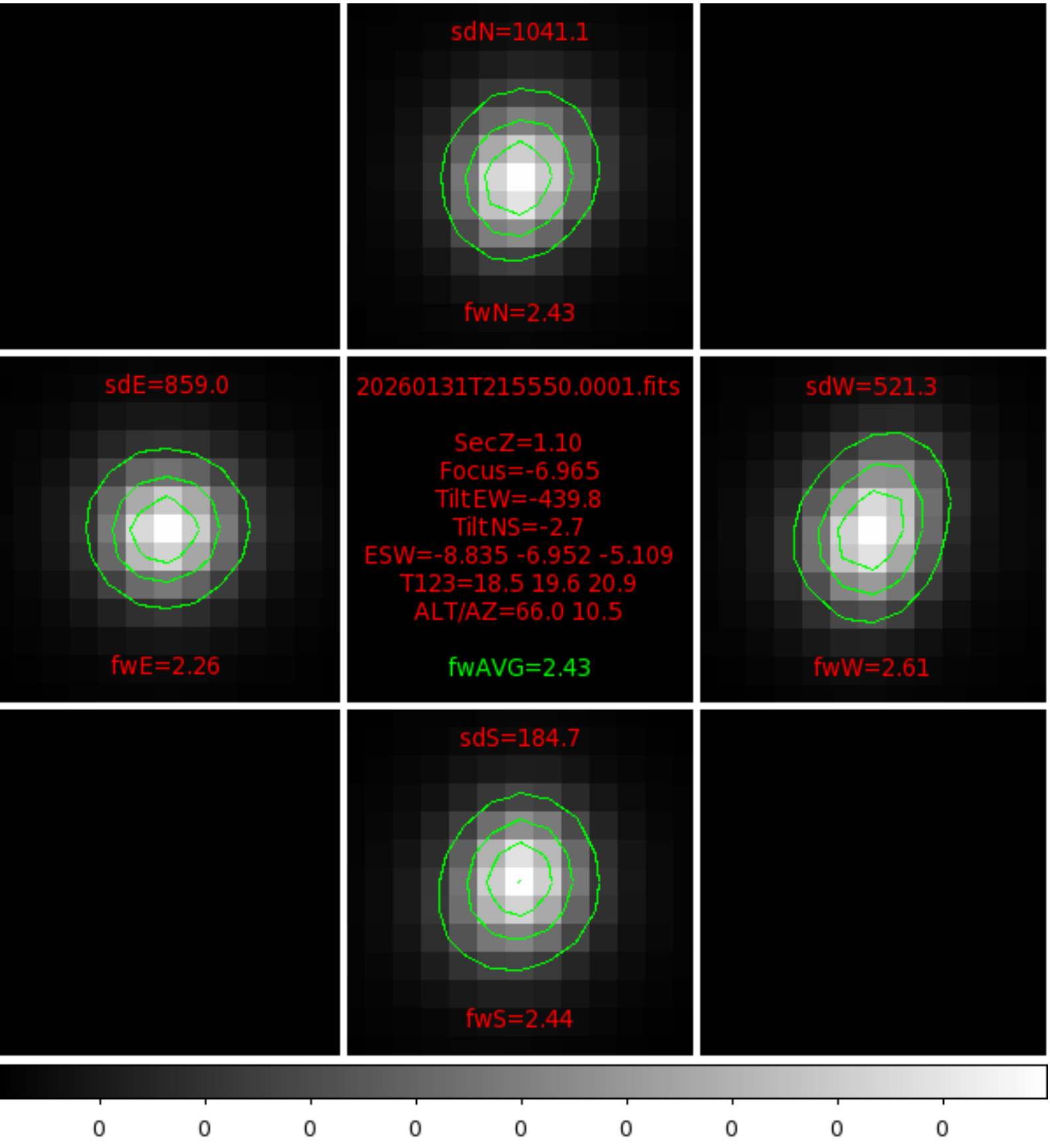
sdN=1041.1
fwN=2.43
sdE=859.0
fwE=2.26
20260131T215550.0001.fits
SecZ=1.10
Focus=-6.965
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.835 -6.952 -5.109
T123=18.5 19.6 20.9
ALT/AZ=66.0 10.5
fwAVG=2.43
sdW=521.3
fwW=2.61
sdS=184.7
fwS=2.44
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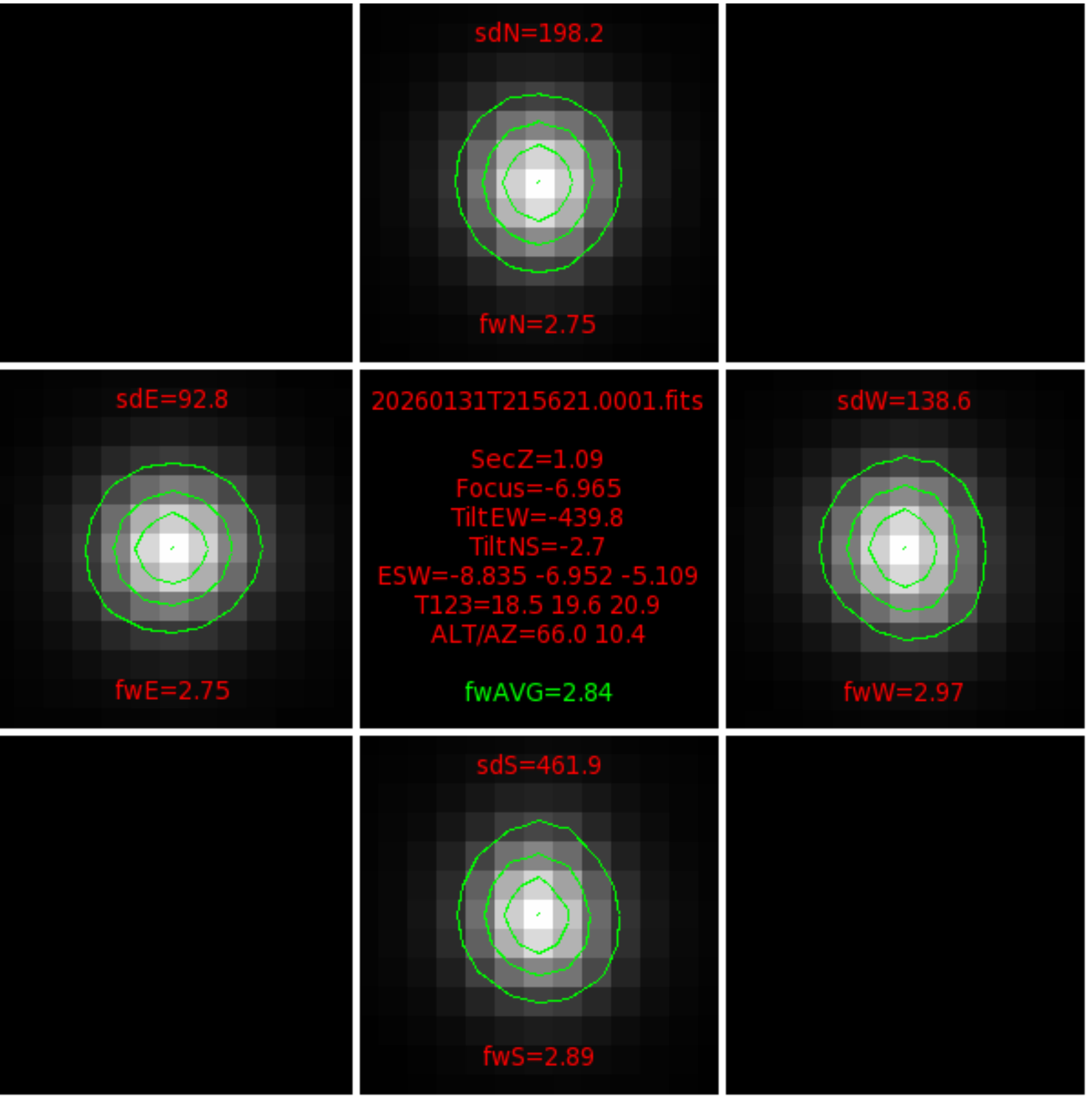
sdN=198.2
fwN=2.75
sdE=92.8
fwE=2.75
20260131T215621.0001.fits
SecZ=1.09
Focus=-6.965
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.835 -6.952 -5.109
T123=18.5 19.6 20.9
ALT/AZ=66.0 10.4
fwAVG=2.84
sdW=138.6
fwW=2.97
sdS=461.9
fwS=2.89
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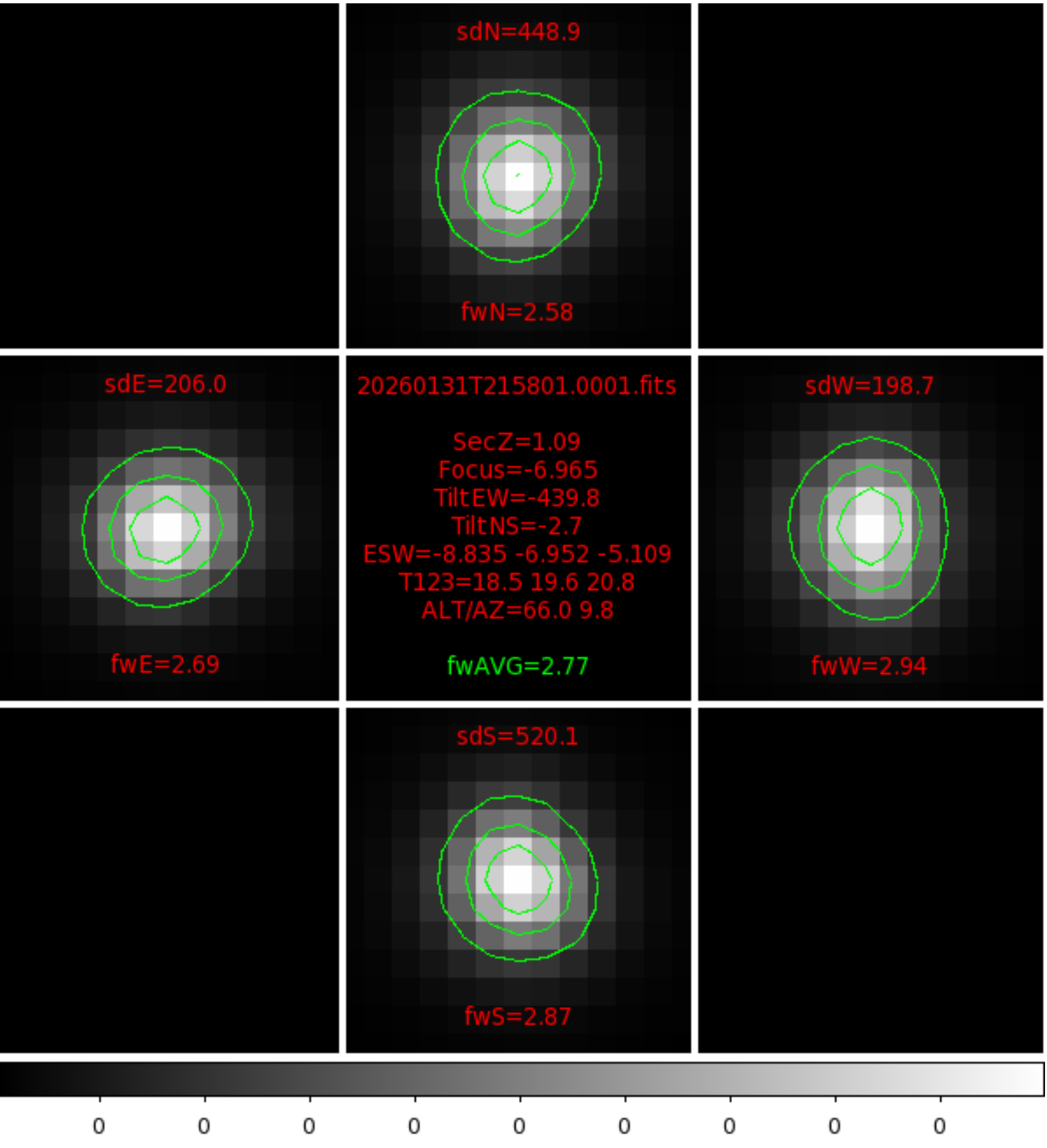
sdN=448.9
fwN=2.58
sdE=206.0
fwE=2.69
20260131T215801.0001.fits
SecZ=1.09
Focus=-6.965
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.835 -6.952 -5.109
T123=18.5 19.6 20.8
ALT/AZ=66.0 9.8
fwAVG=2.77
sdW=198.7
fwW=2.94
sdS=520.1
fwS=2.87
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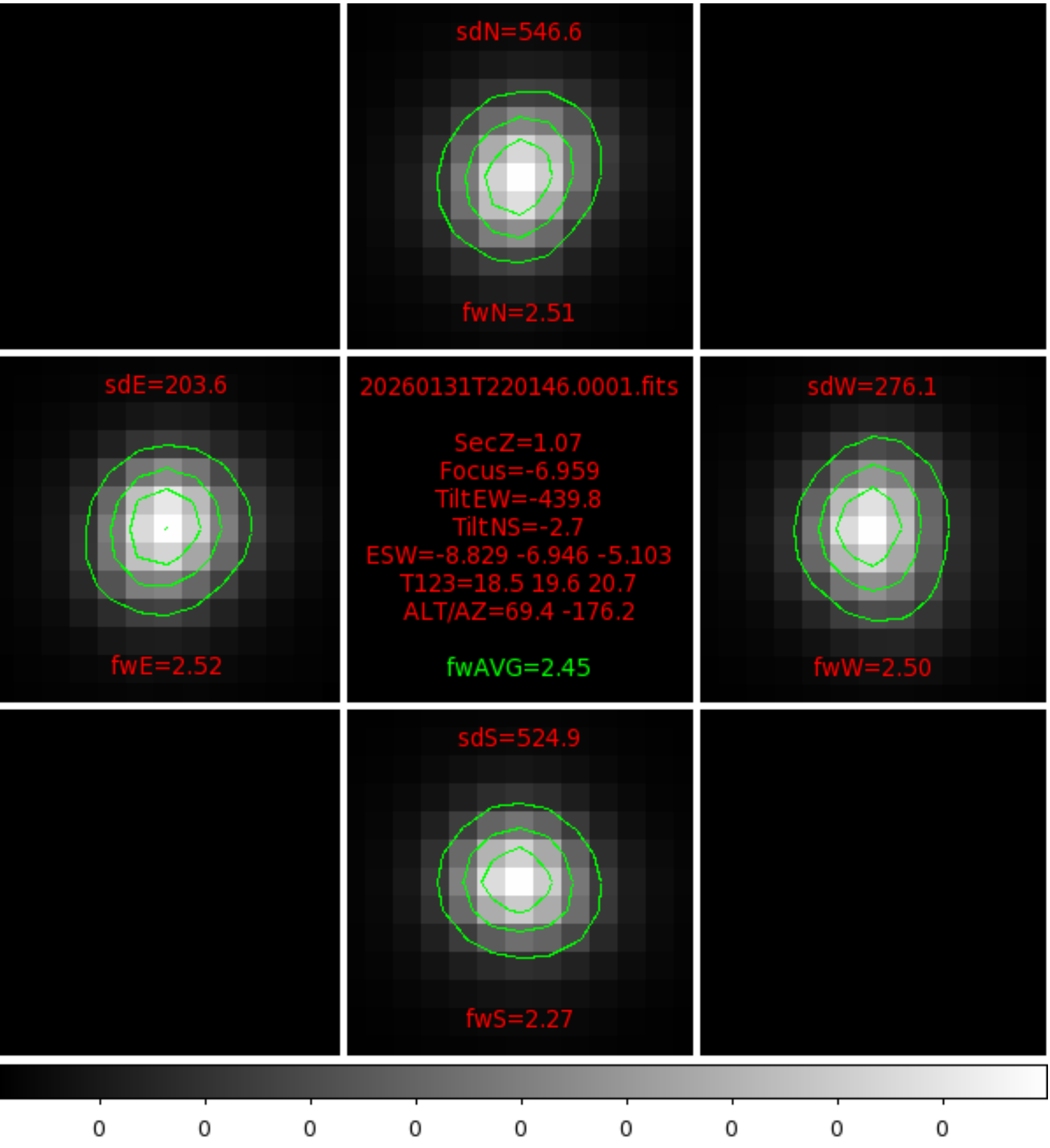
sdN=546.6
fwN=2.51
sdE=203.6
fwE=2.52
20260131T220146.0001.fits
SecZ=1.07
Focus=-6.959
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.829 -6.946 -5.103
T123=18.5 19.6 20.7
ALT/AZ=69.4 -176.2
fwAVG=2.45
sdW=276.1
fwW=2.50
sdS=524.9
fwS=2.27
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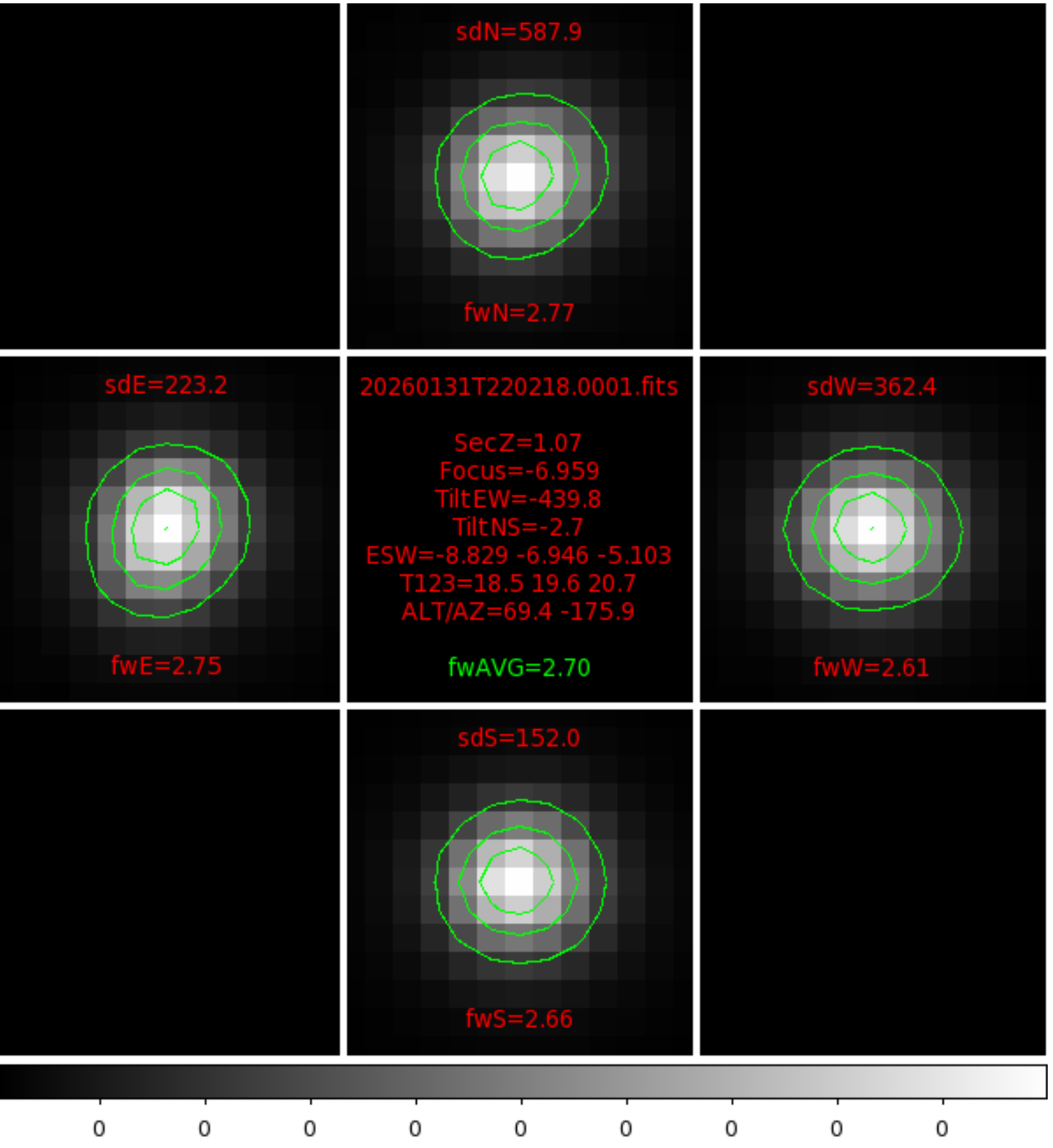
sdN=587.9
fwN=2.77
sdE=223.2
fwE=2.75
20260131T220218.0001.fits
SecZ=1.07
Focus=-6.959
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.829 -6.946 -5.103
T123=18.5 19.6 20.7
ALT/AZ=69.4 -175.9
fwAVG=2.70
sdW=362.4
fwW=2.61
sdS=152.0
fwS=2.66
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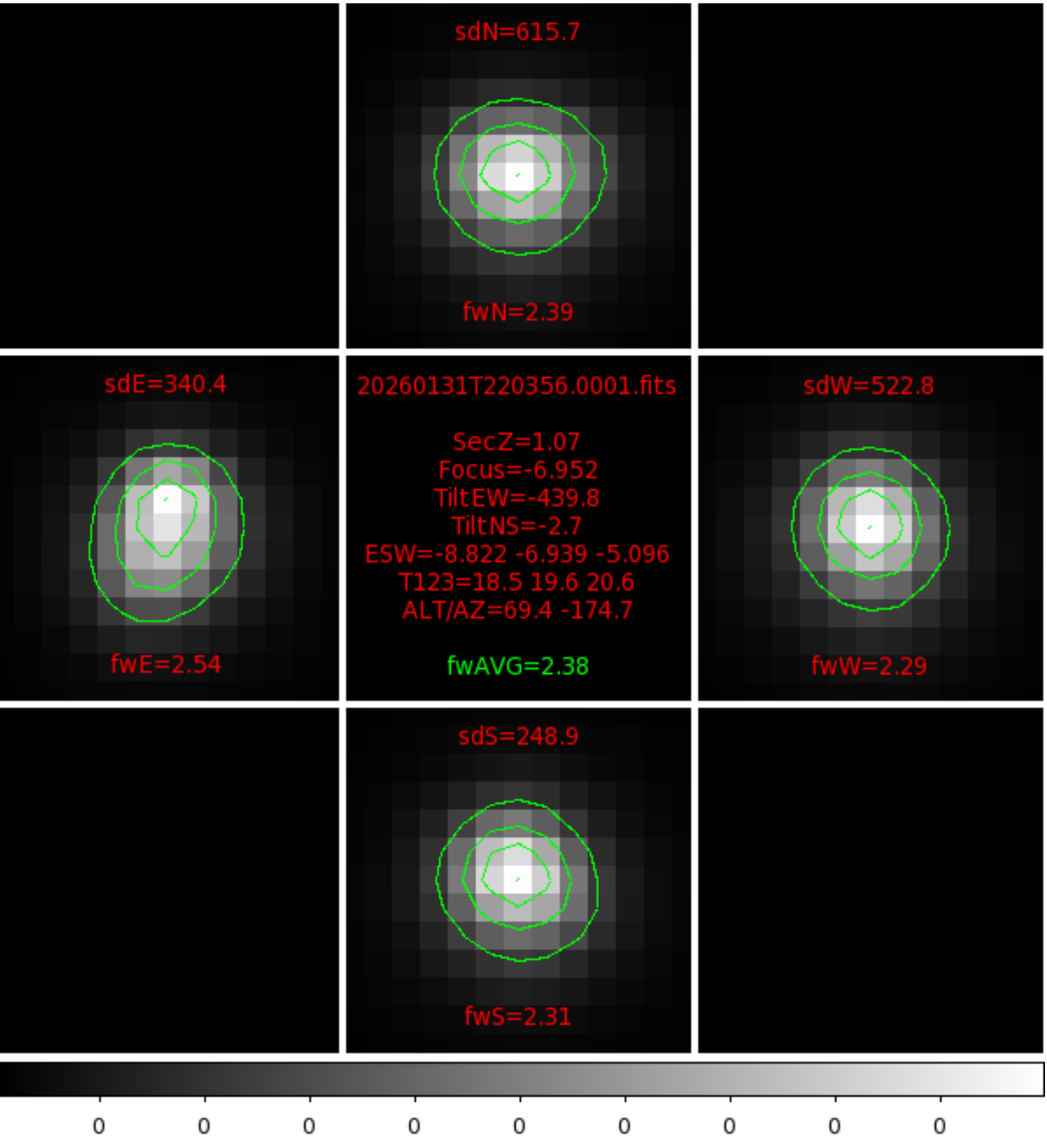
sdN=615.7
fwN=2.39
sdE=340.4
fwE=2.54
20260131T220356.0001.fits
SecZ=1.07
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=18.5 19.6 20.6
ALT/AZ=69.4 -174.7
fwAVG=2.38
sdW=522.8
fwW=2.29
sdS=248.9
fwS=2.31
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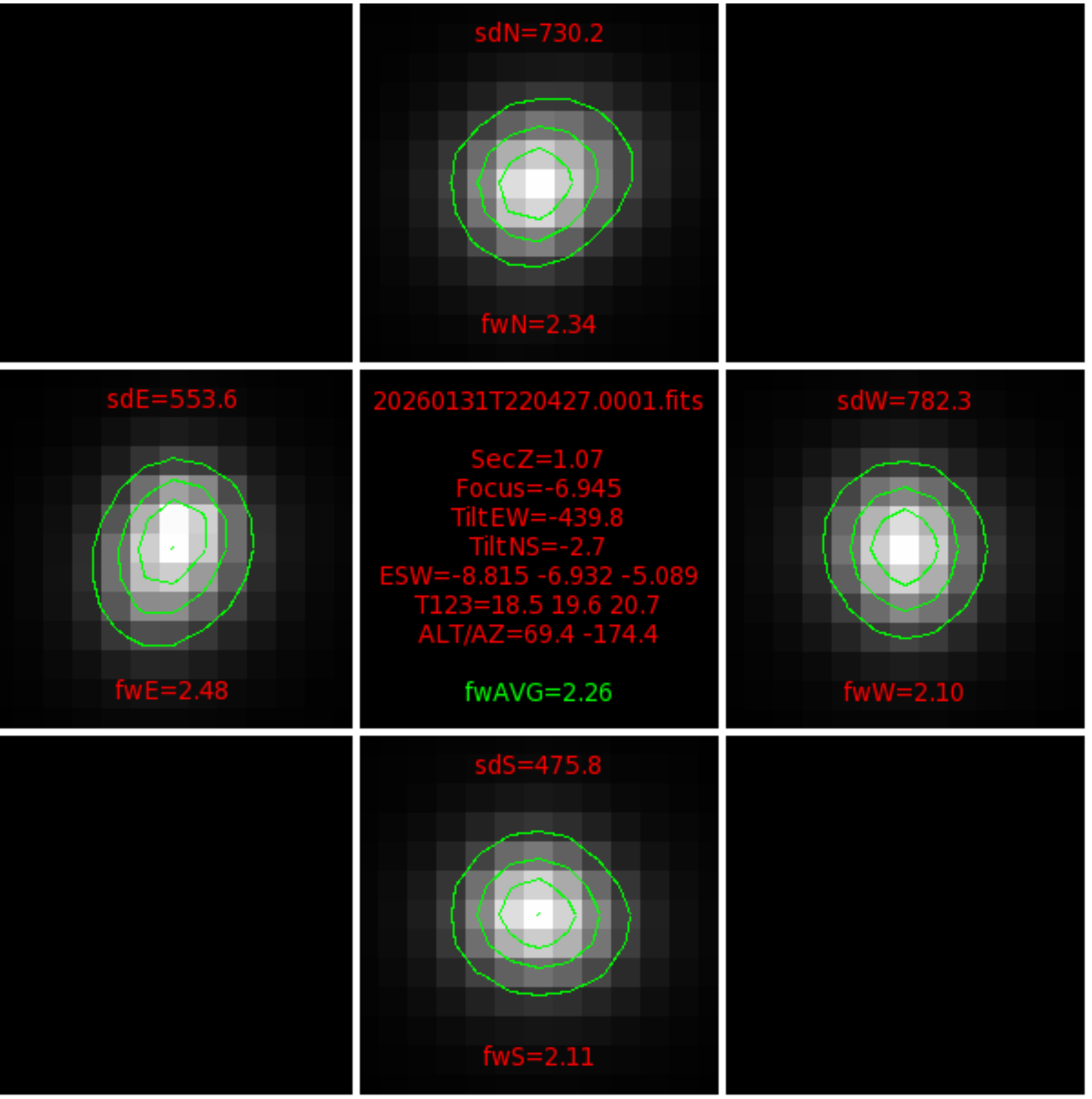
sdN=730.2
fwN=2.34
sdE=553.6
fwE=2.48
20260131T220427.0001.fits
SecZ=1.07
Focus=-6.945
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.815 -6.932 -5.089
T123=18.5 19.6 20.7
ALT/AZ=69.4 -174.4
fwAVG=2.26
sdW=782.3
fwW=2.10
sdS=475.8
fwS=2.11
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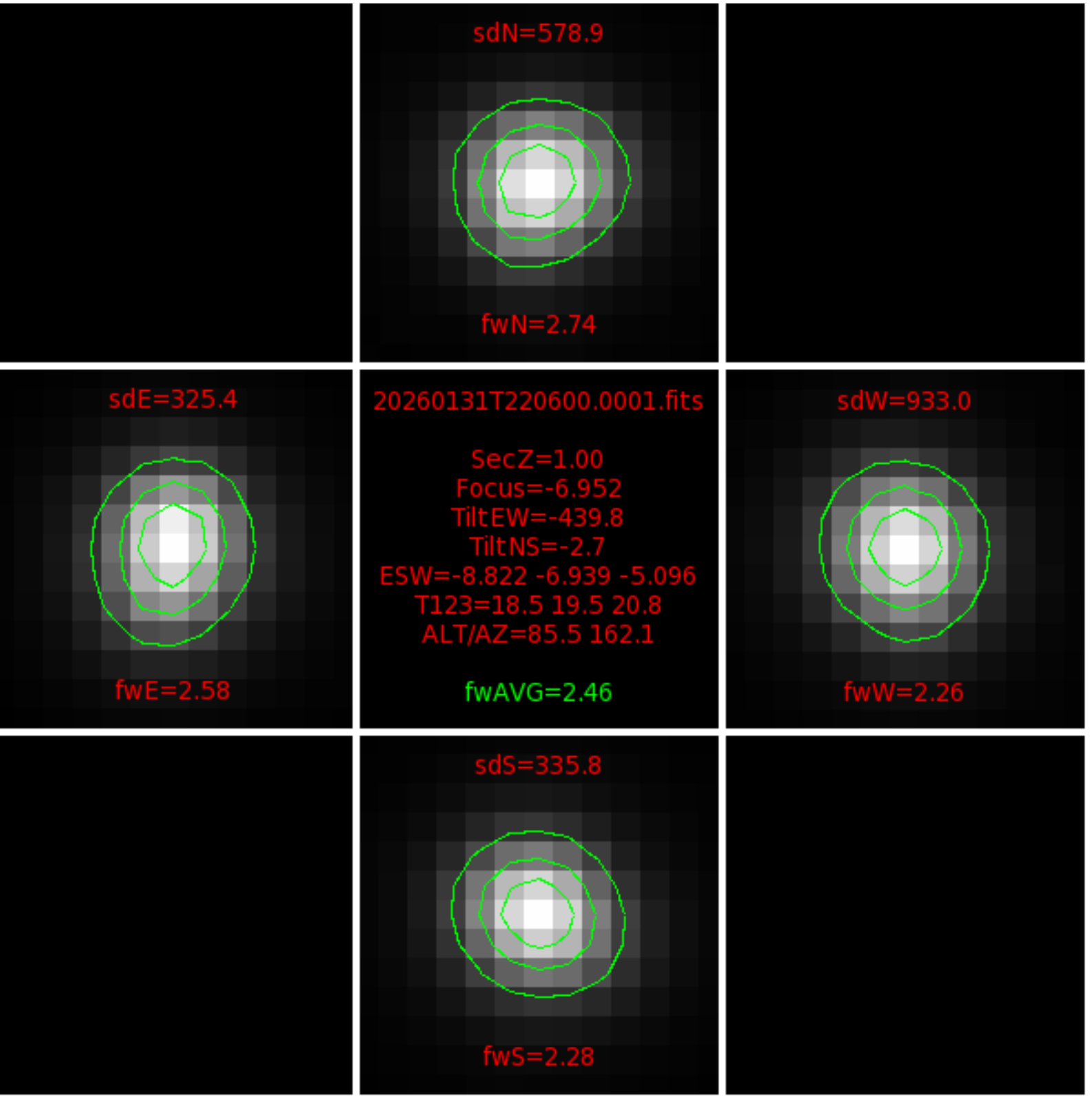
sdN=578.9
fwN=2.74
sdE=325.4
fwE=2.58
20260131T220600.0001.fits
SecZ=1.00
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=18.5 19.5 20.8
ALT/AZ=85.5 162.1
fwAVG=2.46
sdW=933.0
fwW=2.26
sdS=335.8
fwS=2.28
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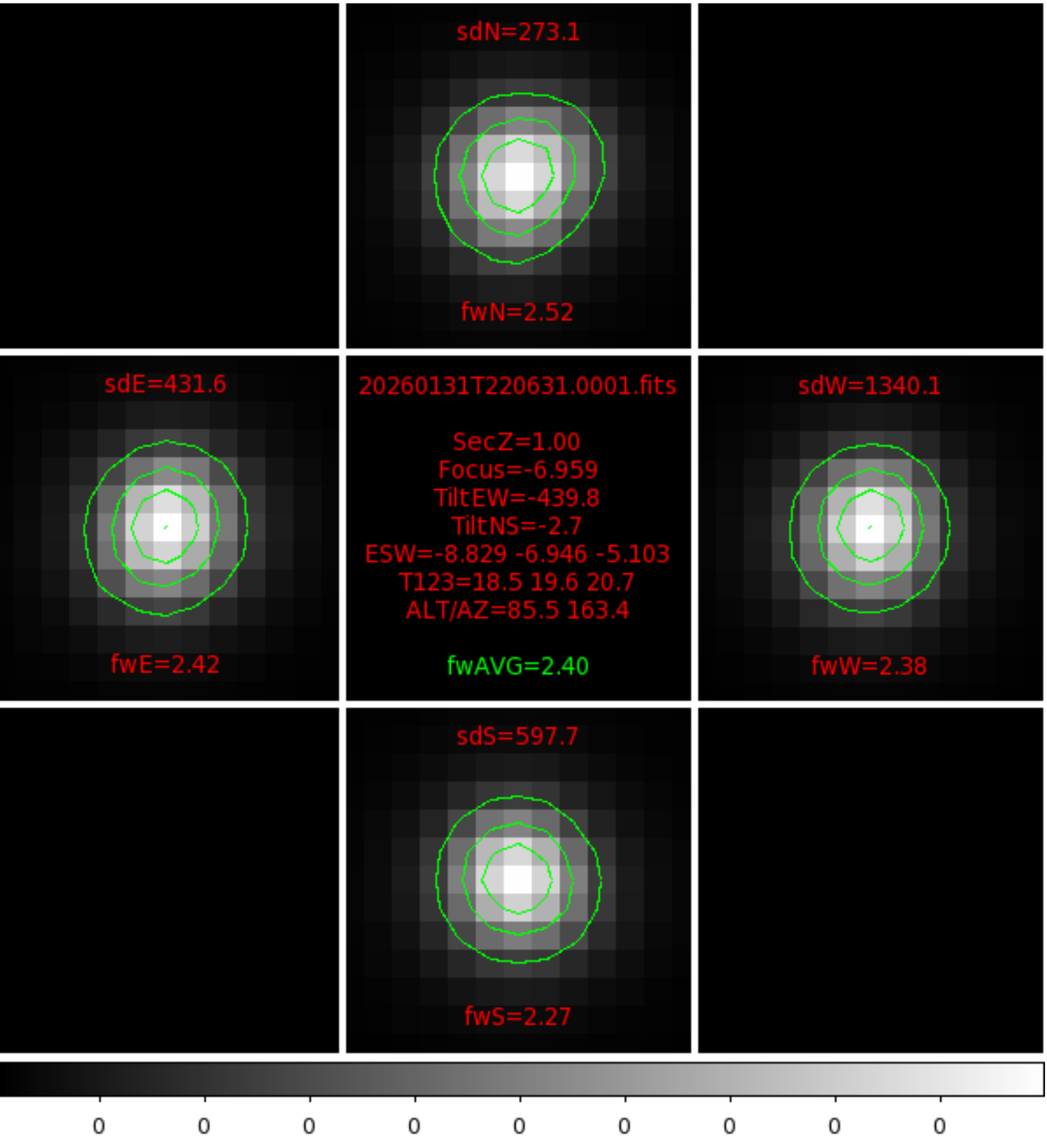
sdN=273.1
fwN=2.52
sdE=431.6
fwE=2.42
20260131T220631.0001.fits
SecZ=1.00
Focus=-6.959
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.829 -6.946 -5.103
T123=18.5 19.6 20.7
ALT/AZ=85.5 163.4
fwAVG=2.40
sdW=1340.1
fwW=2.38
sdS=597.7
fwS=2.27
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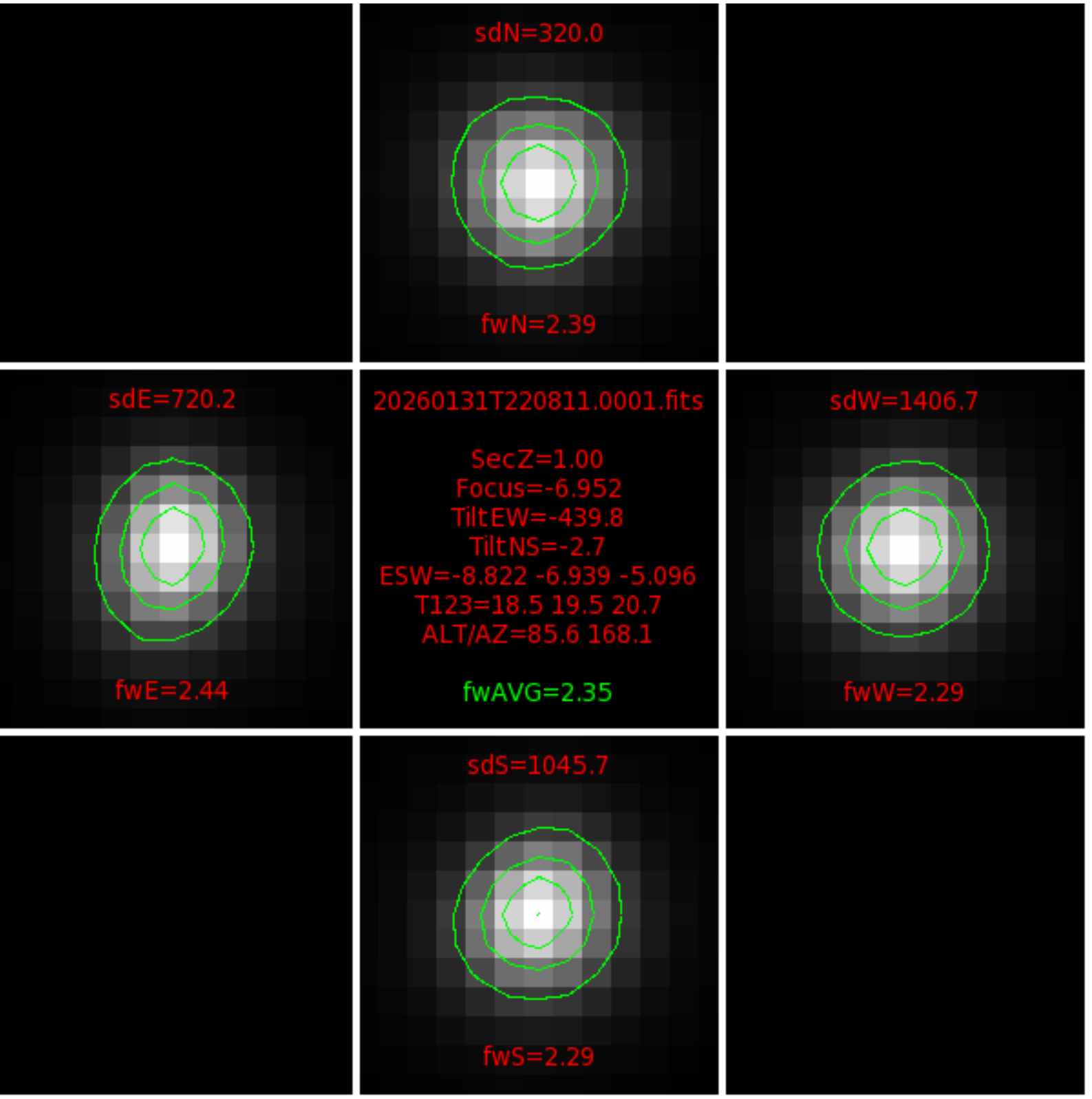
sdN=320.0
fwN=2.39
sdE=720.2
fwE=2.44
20260131T220811.0001.fits
SecZ=1.00
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=18.5 19.5 20.7
ALT/AZ=85.6 168.1
fwAVG=2.35
sdW=1406.7
fwW=2.29
sdS=1045.7
fwS=2.29
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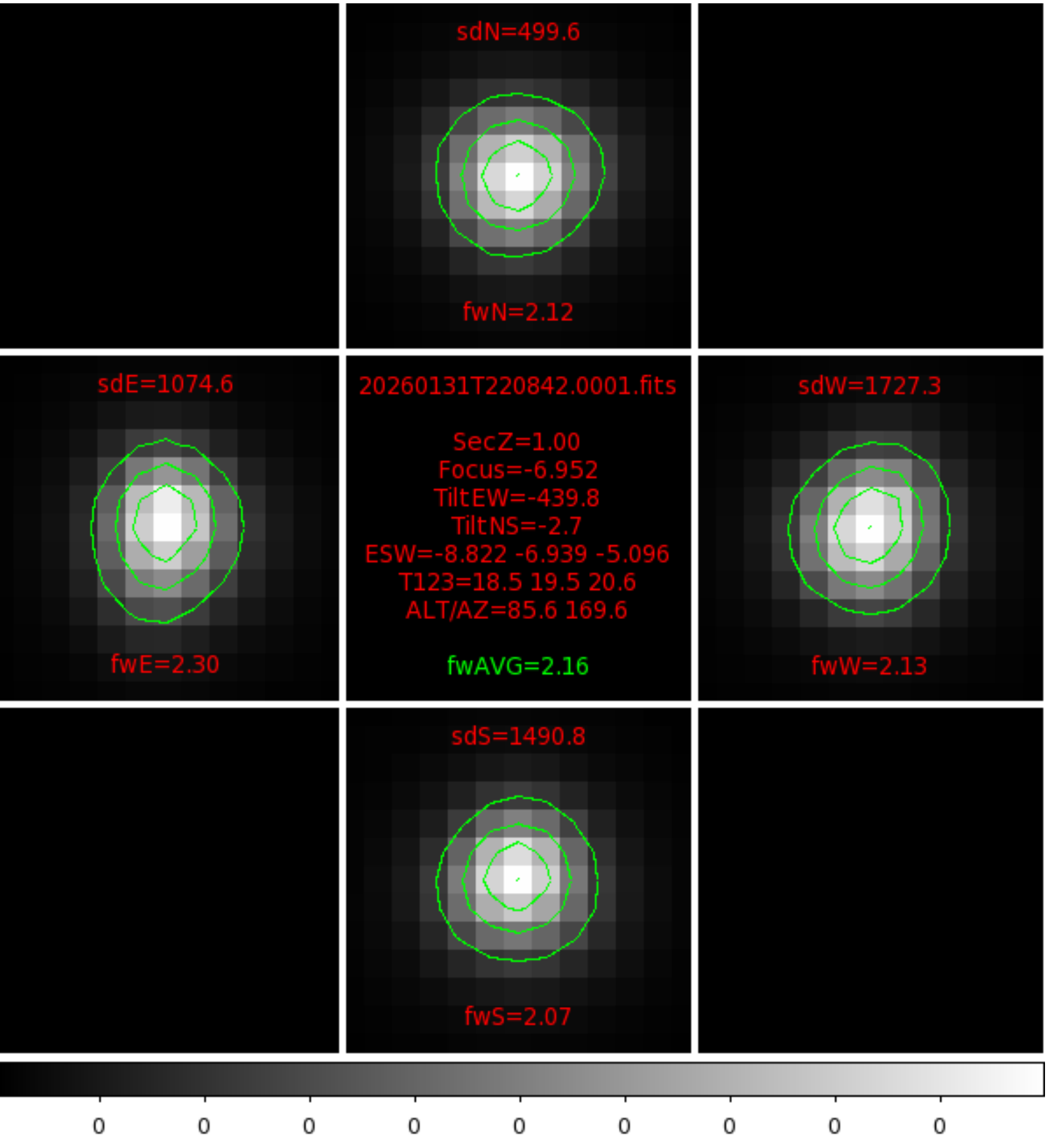
sdN=499.6
fwN=2.12
sdE=1074.6
fwE=2.30
20260131T220842.0001.fits
SecZ=1.00
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=18.5 19.5 20.6
ALT/AZ=85.6 169.6
fwAVG=2.16
sdW=1727.3
fwW=2.13
sdS=1490.8
fwS=2.07
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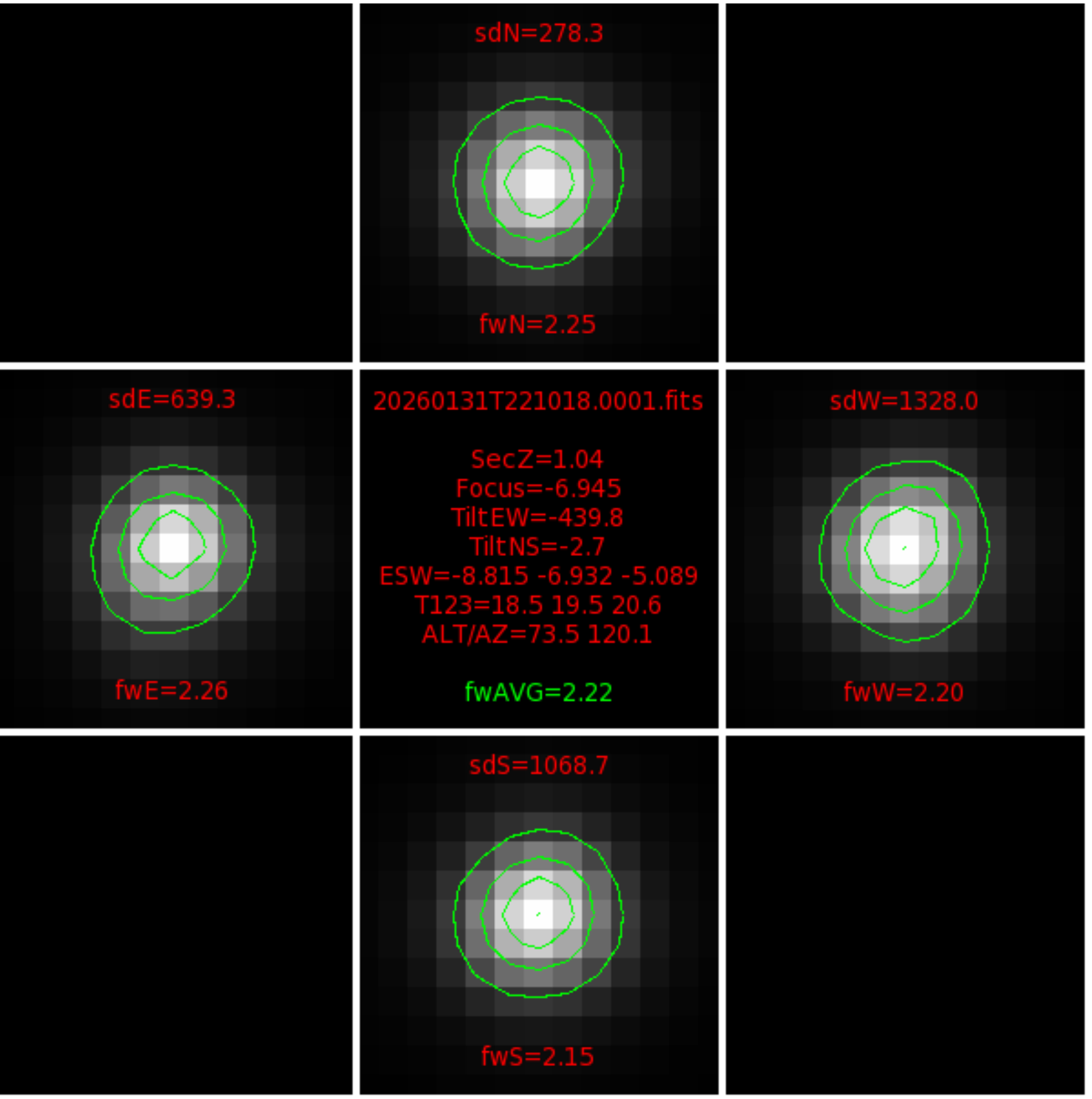
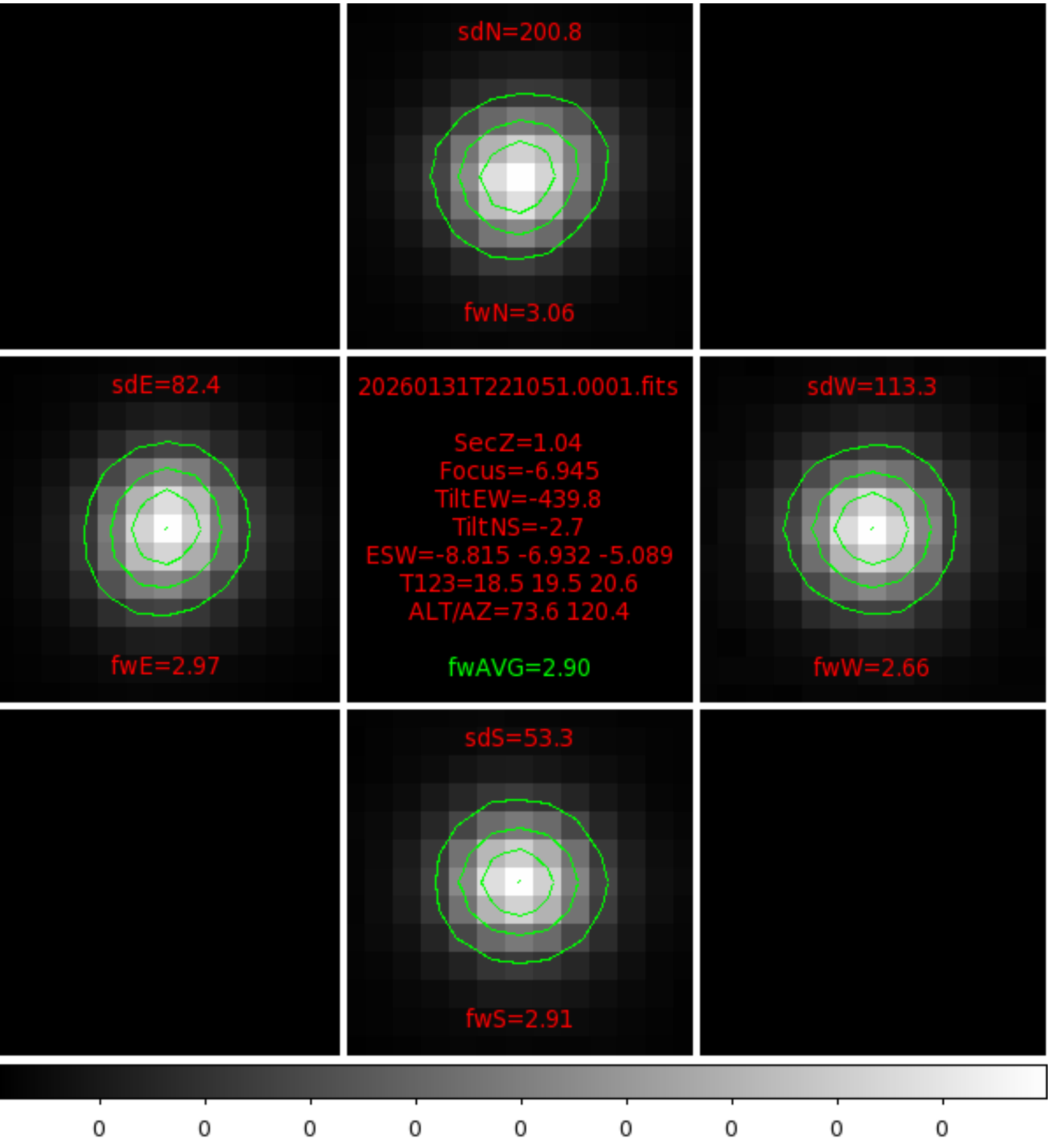

sdN=278.3
fwN=2.25
sdE=639.3
fwE=2.26
20260131T221018.0001.fits
SecZ=1.04
Focus=-6.945
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.815 -6.932 -5.089
T123=18.5 19.5 20.6
ALT/AZ=73.5 120.1
fwAVG=2.22
sdW=1328.0
fwW=2.20
sdS=1068.7
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=200.8
fwN=3.06
sdE=82.4
fwE=2.97
20260131T221051.0001.fits
SecZ=1.04
Focus=-6.945
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.815 -6.932 -5.089
T123=18.5 19.5 20.6
ALT/AZ=73.6 120.4
fwAVG=2.90
sdW=113.3
fwW=2.66
sdS=53.3
fwS=2.91
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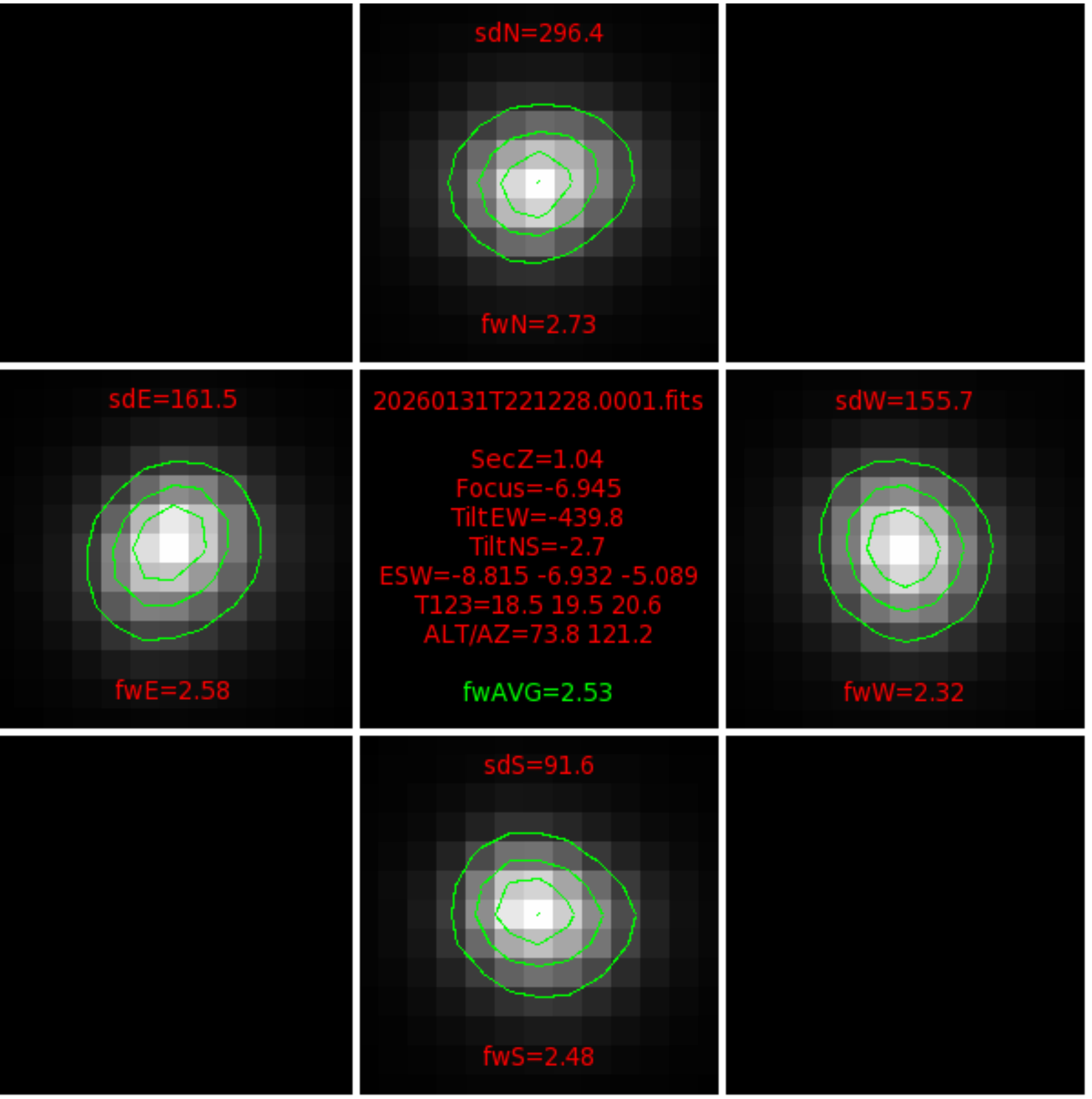
sdN=296.4
fwN=2.73
sdE=161.5
fwE=2.58
20260131T221228.0001.fits
SecZ=1.04
Focus=-6.945
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.815 -6.932 -5.089
T123=18.5 19.5 20.6
ALT/AZ=73.8 121.2
fwAVG=2.53
sdW=155.7
fwW=2.32
sdS=91.6
fwS=2.48
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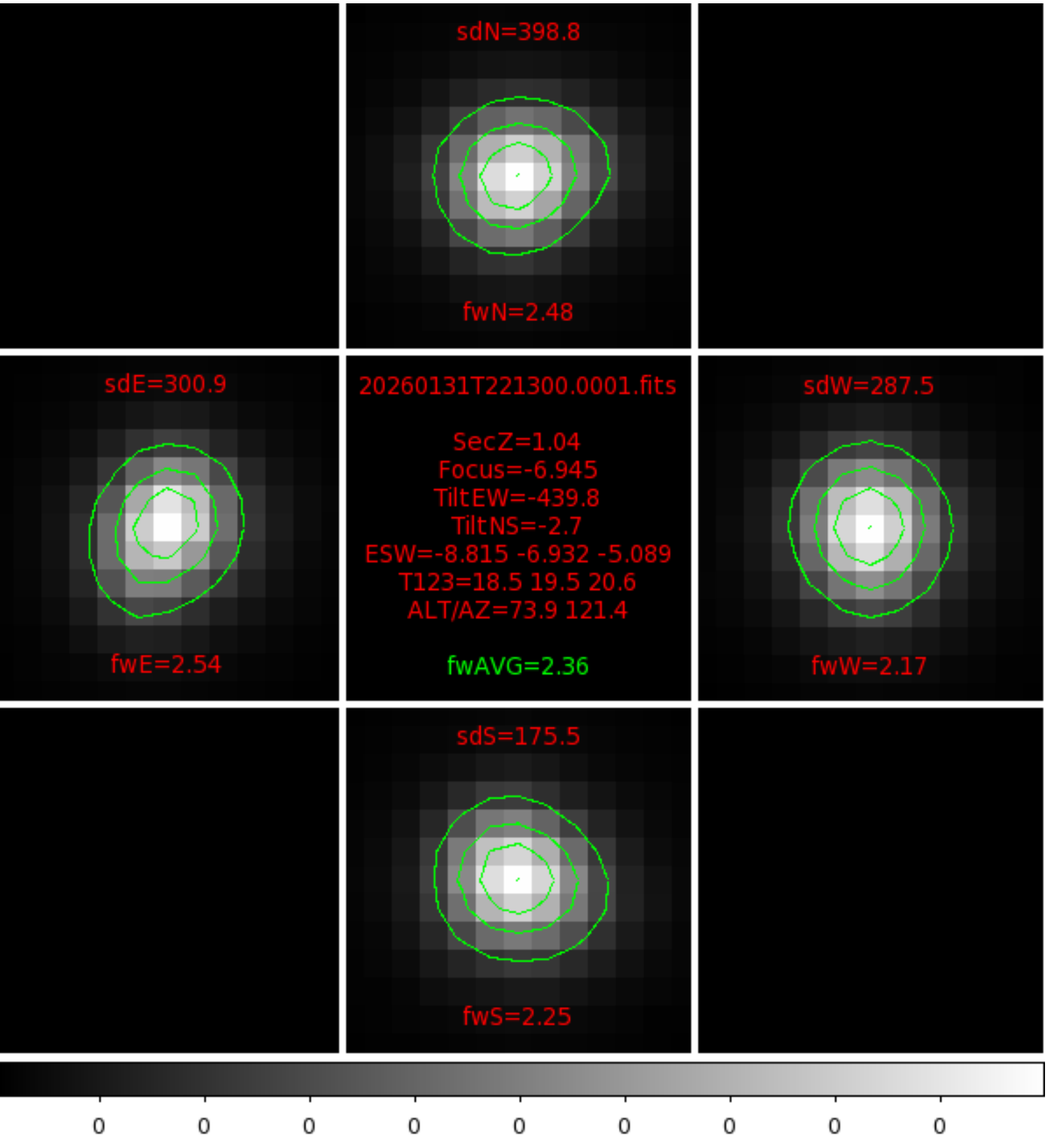
sdN=398.8
fwN=2.48
sdE=300.9
fwE=2.54
20260131T221300.0001.fits
SecZ=1.04
Focus=-6.945
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.815 -6.932 -5.089
T123=18.5 19.5 20.6
ALT/AZ=73.9 121.4
fwAVG=2.36
sdW=287.5
fwW=2.17
sdS=175.5
fwS=2.25
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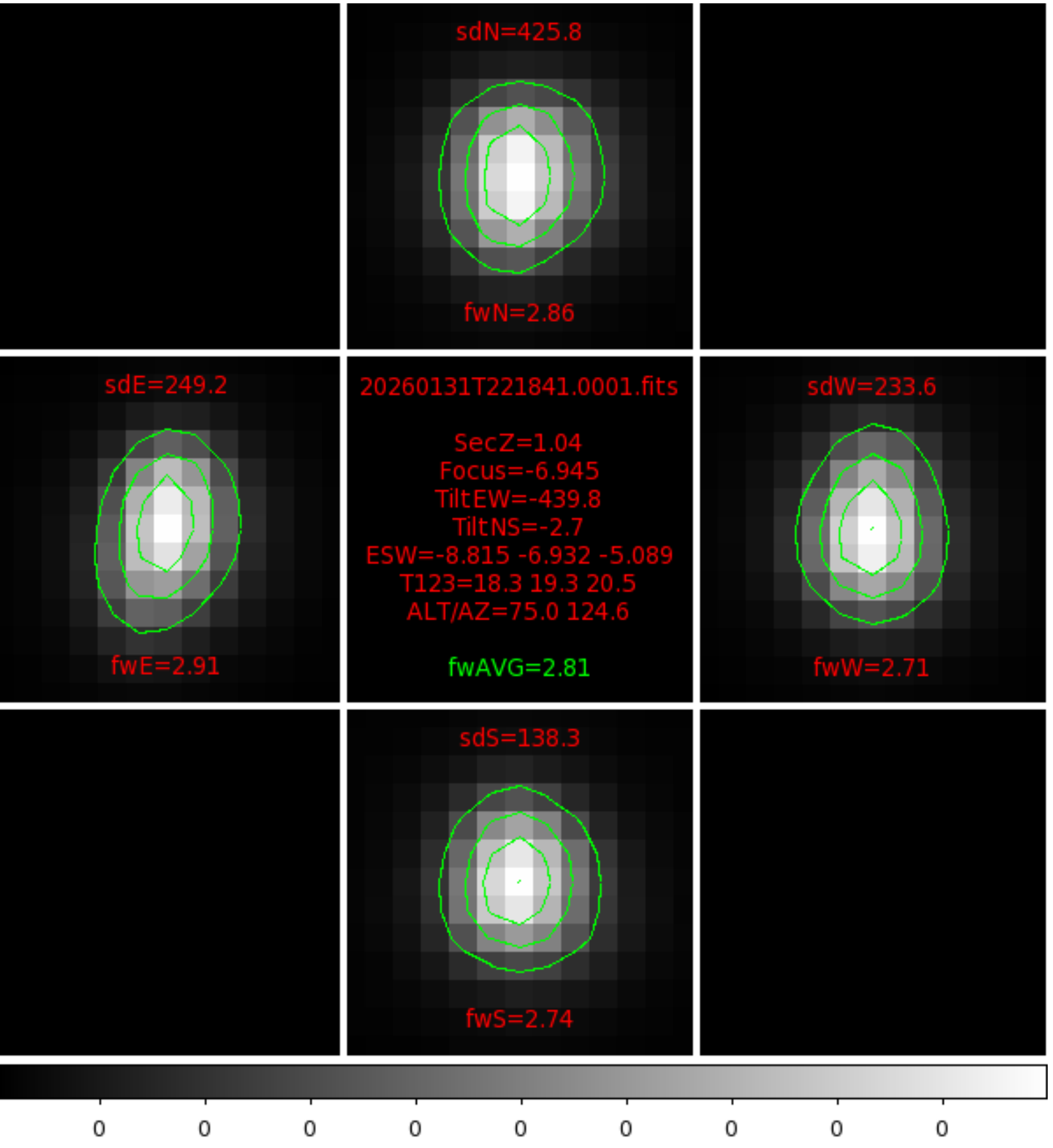
sdN=425.8
fwN=2.86
sdE=249.2
fwE=2.91
20260131T221841.0001.fits
SecZ=1.04
Focus=-6.945
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.815 -6.932 -5.089
T123=18.3 19.3 20.5
ALT/AZ=75.0 124.6
fwAVG=2.81
sdW=233.6
fwW=2.71
sdS=138.3
fwS=2.74
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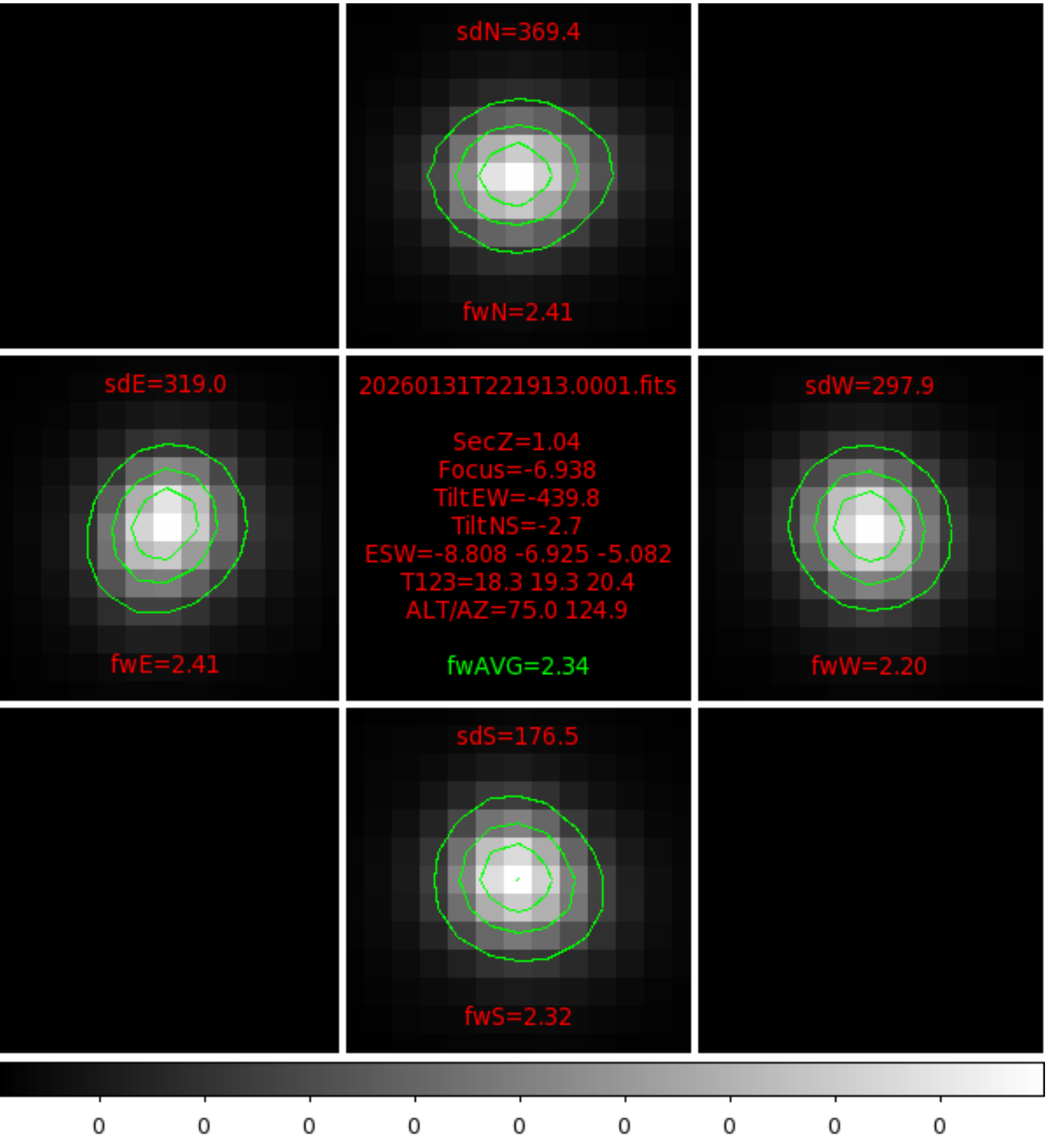
sdN=369.4
fwN=2.41
sdE=319.0
fwE=2.41
20260131T221913.0001.fits
SecZ=1.04
Focus=-6.938
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.808 -6.925 -5.082
T123=18.3 19.3 20.4
ALT/AZ=75.0 124.9
fwAVG=2.34
sdW=297.9
fwW=2.20
sdS=176.5
fwS=2.32
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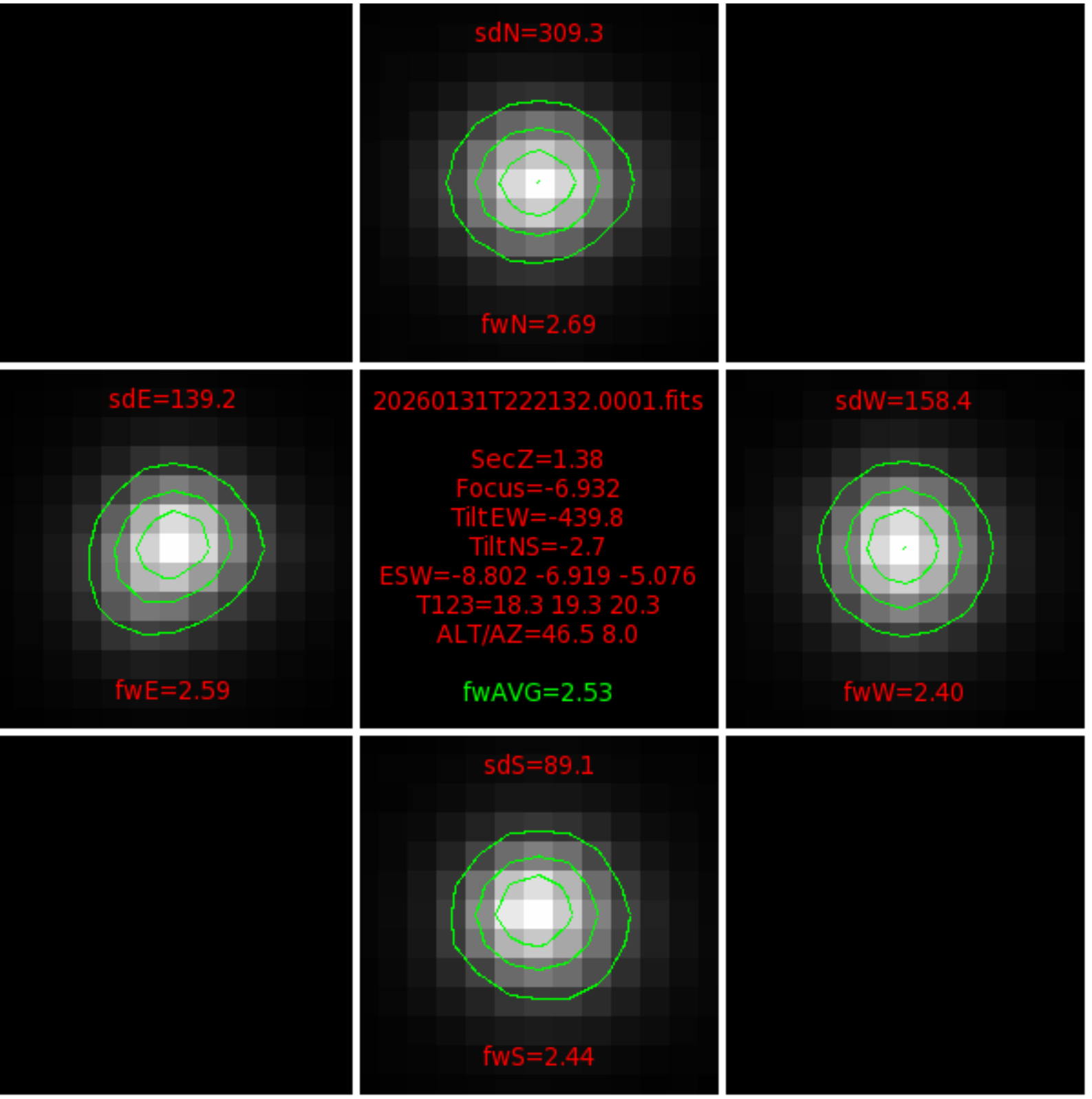
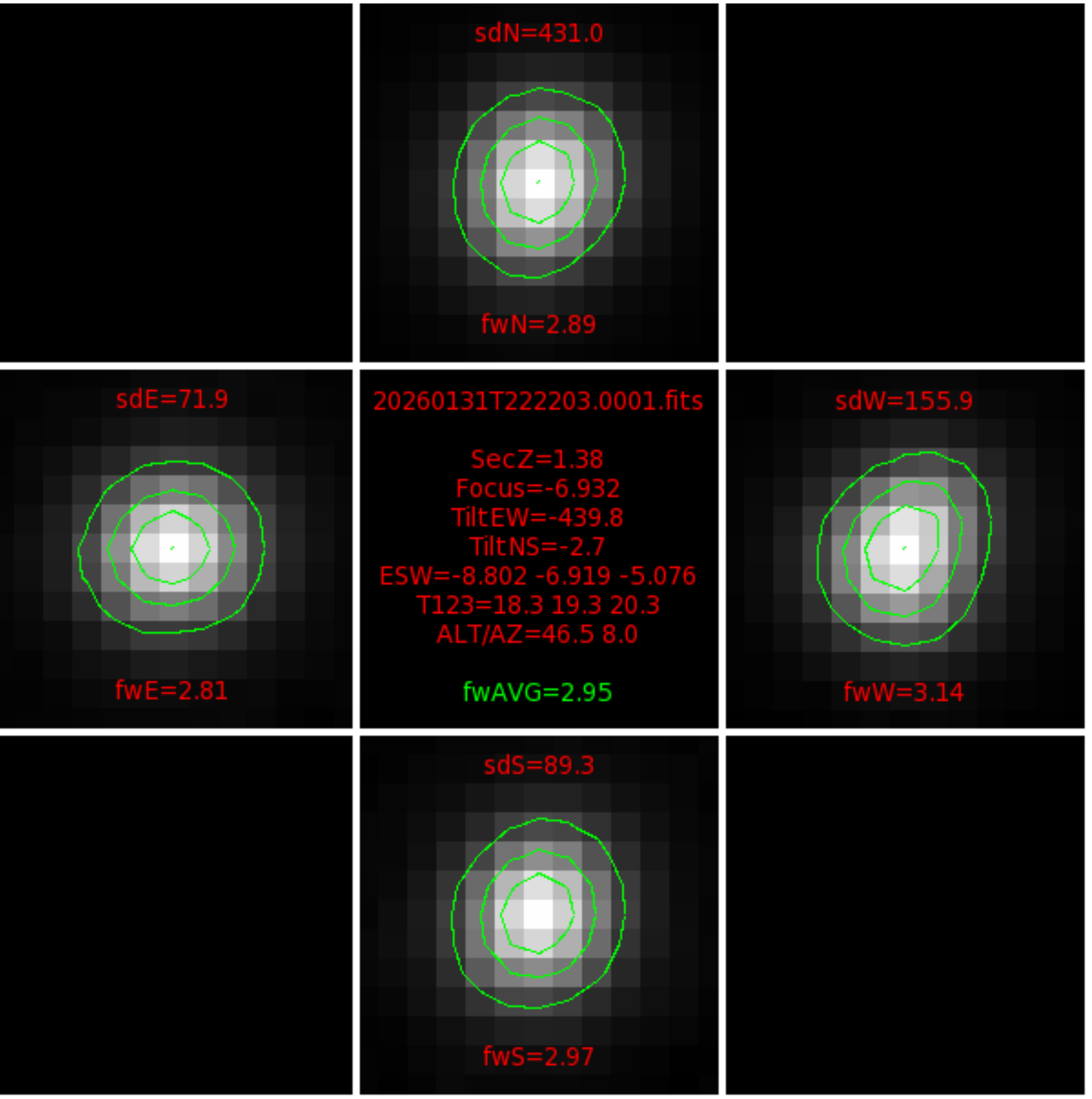
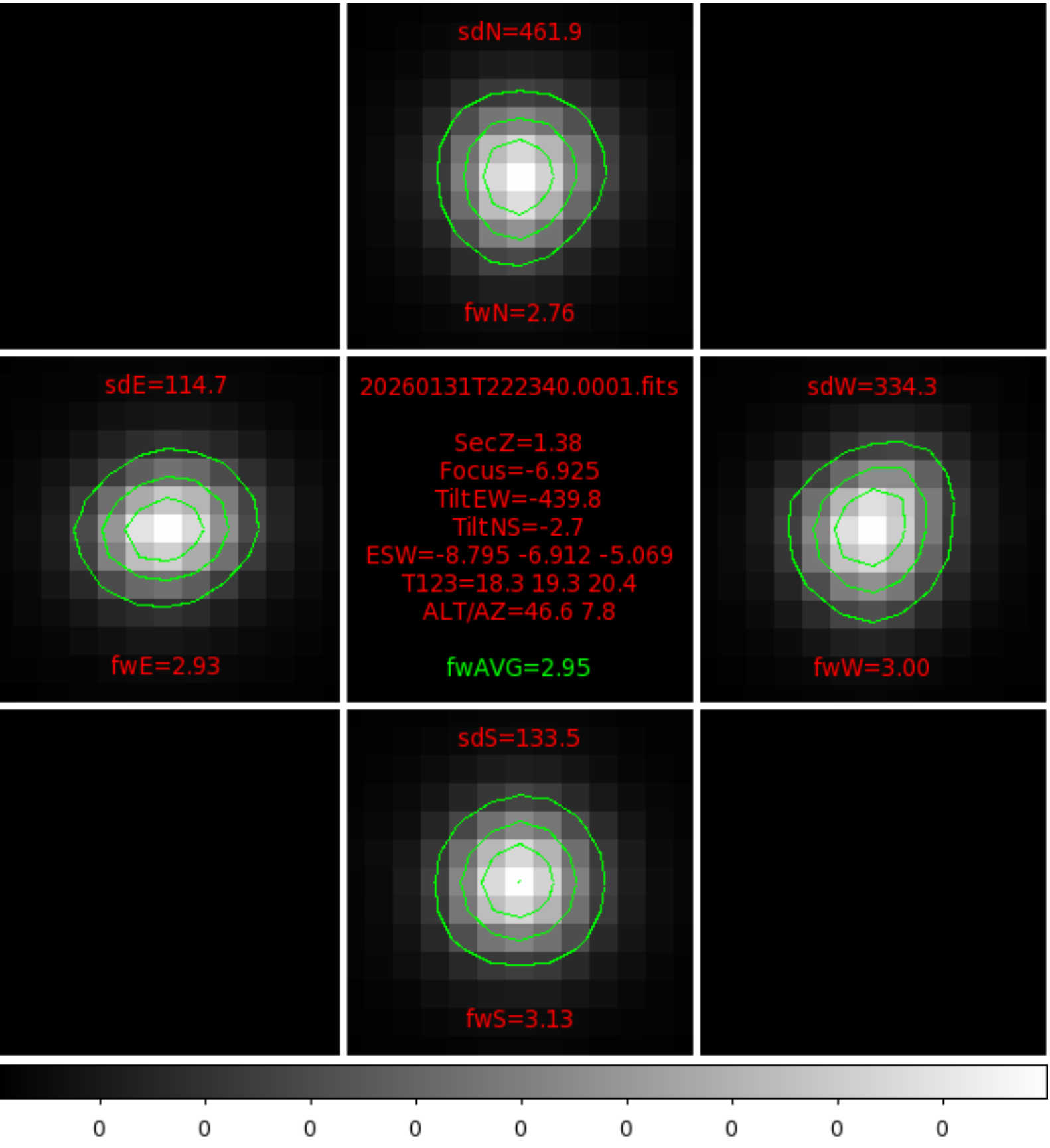
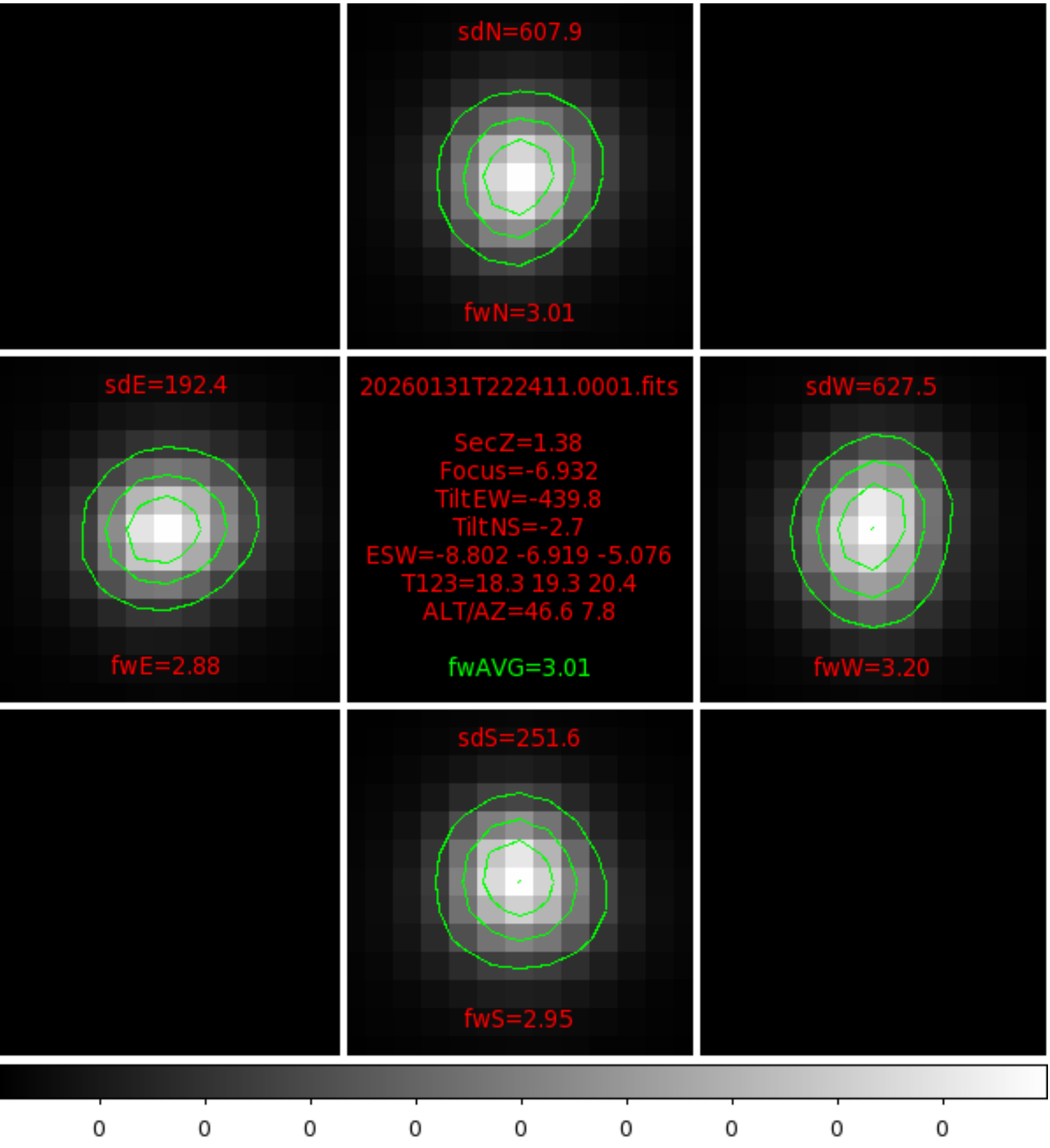
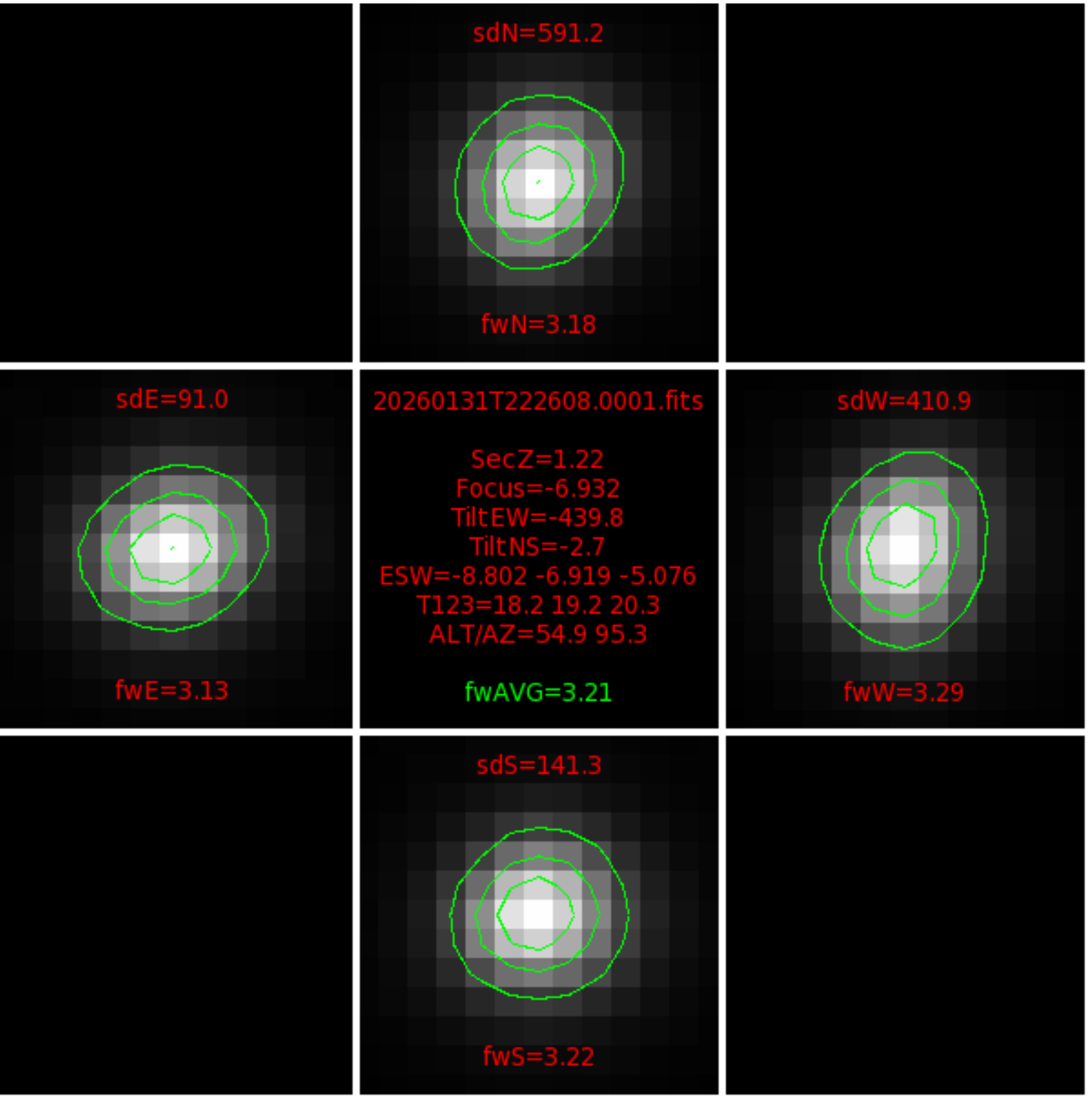

sdN=309.3
fwN=2.69
sdE=139.2
fwE=2.59
20260131T222132.0001.fits
SecZ=1.38
Focus=-6.932
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.802 -6.919 -5.076
T123=18.3 19.3 20.3
ALT/AZ=46.5 8.0
fwAVG=2.53
sdW=158.4
fwW=2.40
sdS=89.1
fwS=2.44
0 0 0 0 0 0 0 0 0


sdN=431.0
fwN=2.89
sdE=71.9
fwE=2.81
20260131T222203.0001.fits
SecZ=1.38
Focus=-6.932
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.802 -6.919 -5.076
T123=18.3 19.3 20.3
ALT/AZ=46.5 8.0
fwAVG=2.95
sdW=155.9
fwW=3.14
sdS=89.3
fwS=2.97
0 0 0 0 0 0 0 0 0


sdN=461.9
fwN=2.76
sdE=114.7
fwE=2.93
20260131T222340.0001.fits
SecZ=1.38
Focus=-6.925
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.795 -6.912 -5.069
T123=18.3 19.3 20.4
ALT/AZ=46.6 7.8
fwAVG=2.95
sdW=334.3
fwW=3.00
sdS=133.5
fwS=3.13
0 0 0 0 0 0 0 0 0


sdN=607.9
fwN=3.01
sdE=192.4
fwE=2.88
20260131T222411.0001.fits
SecZ=1.38
Focus=-6.932
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.802 -6.919 -5.076
T123=18.3 19.3 20.4
ALT/AZ=46.6 7.8
fwAVG=3.01
sdW=627.5
fwW=3.20
sdS=251.6
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=591.2
fwN=3.18
sdE=91.0
fwE=3.13
20260131T222608.0001.fits
SecZ=1.22
Focus=-6.932
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.802 -6.919 -5.076
T123=18.2 19.2 20.3
ALT/AZ=54.9 95.3
fwAVG=3.21
sdW=410.9
fwW=3.29
sdS=141.3
fwS=3.22
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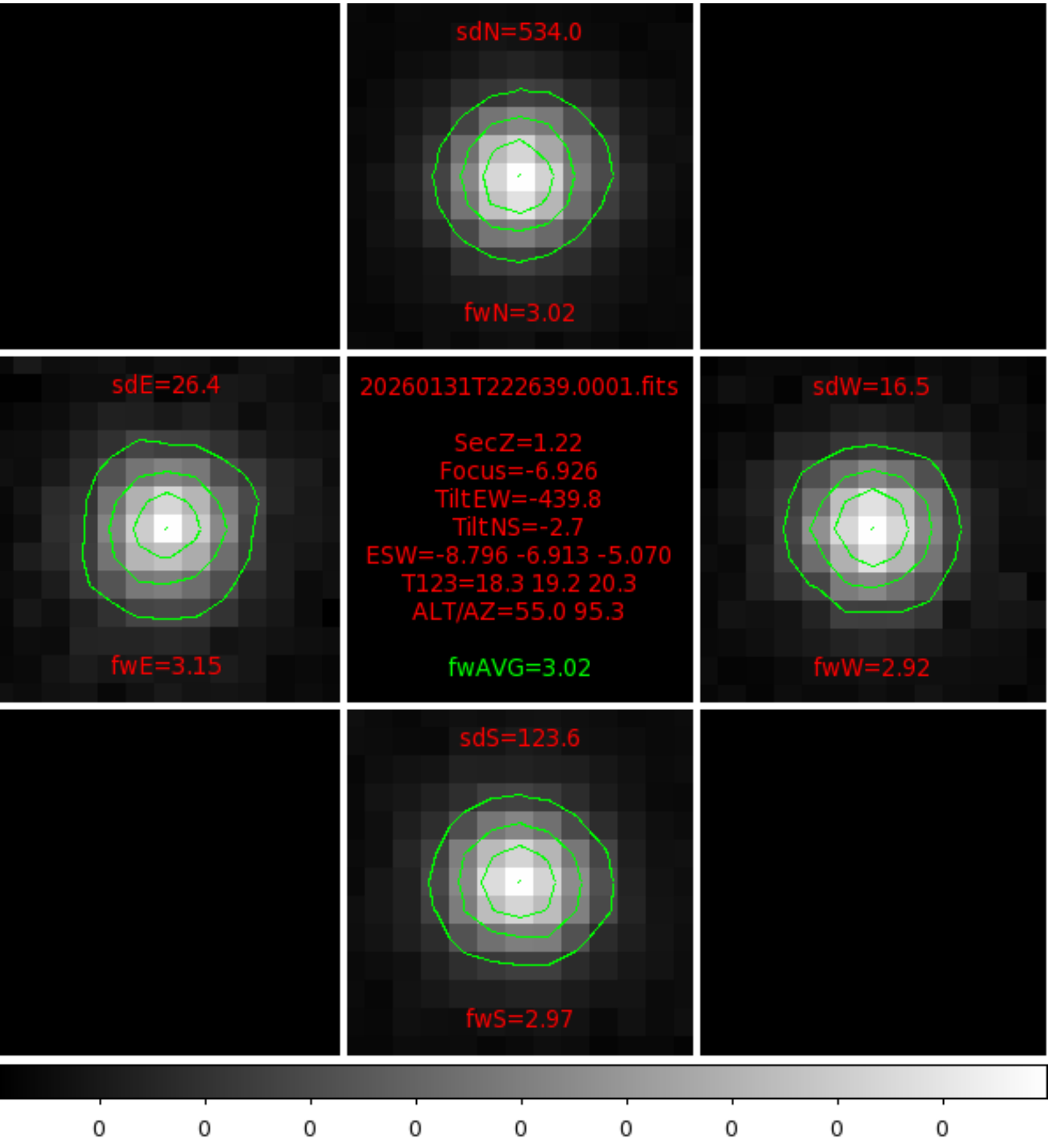
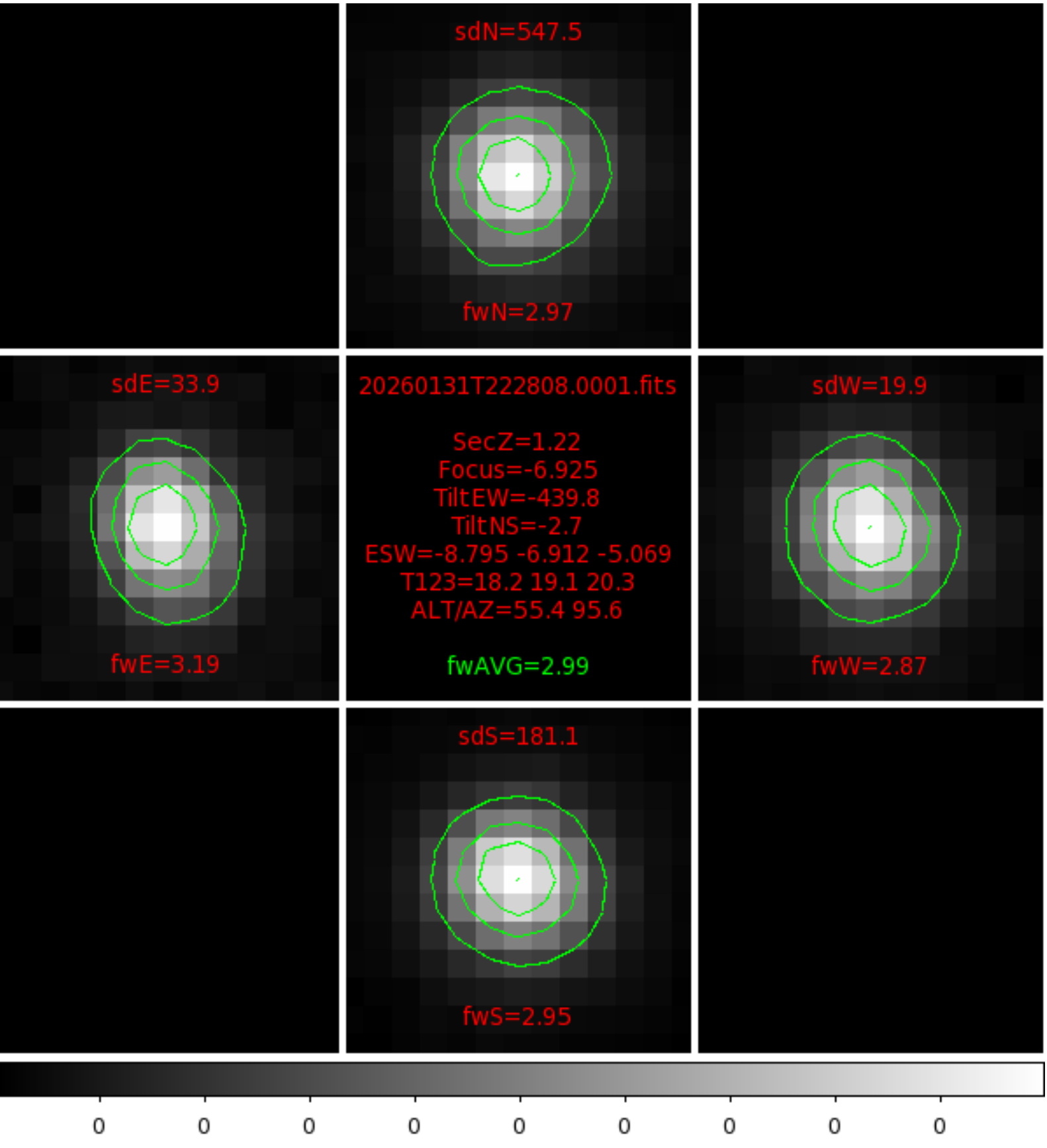
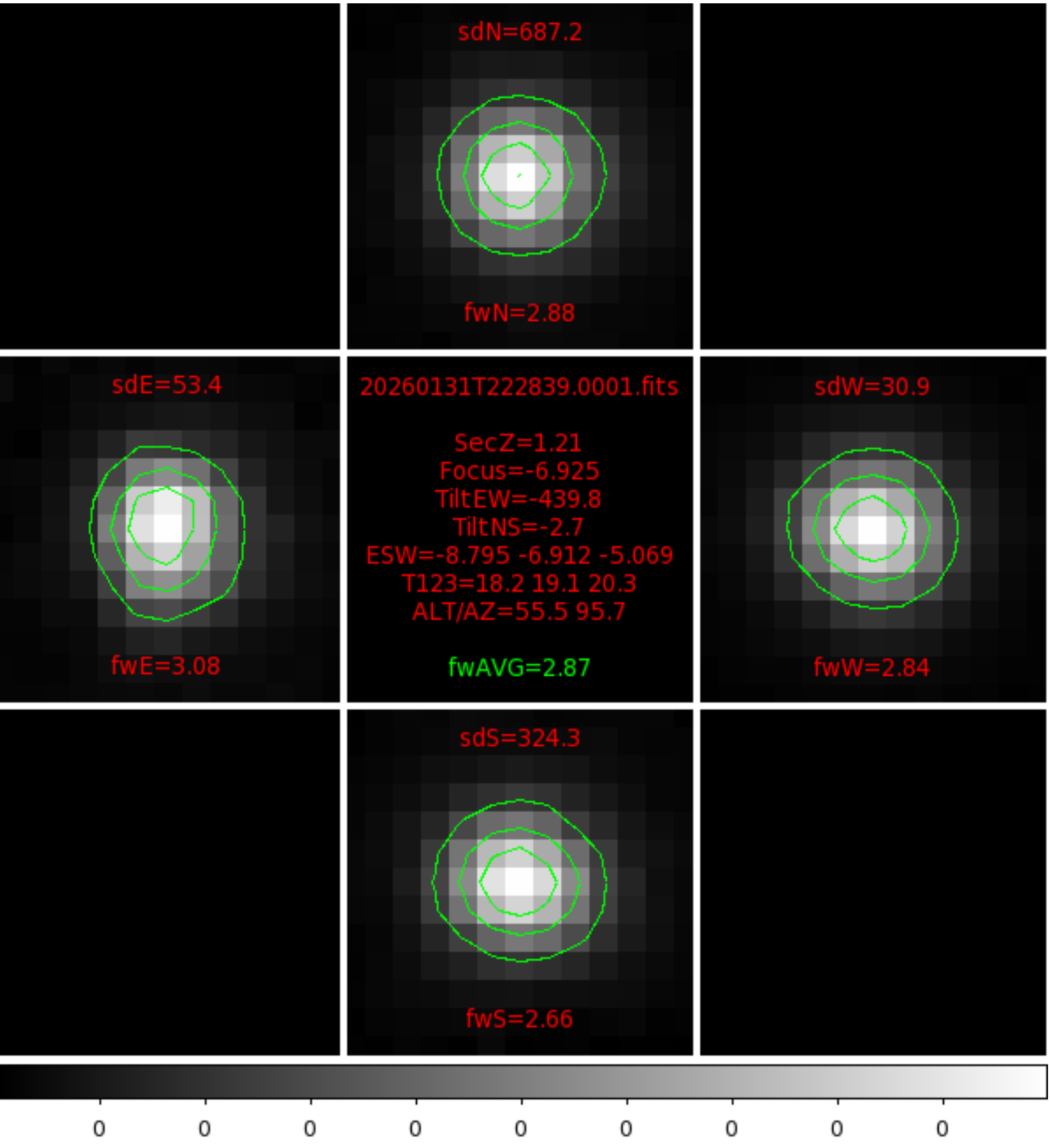

sdN=534.0
fwN=3.02
sdE=26.4
fwE=3.15
20260131T222639.0001.fits
SecZ=1.22
Focus=-6.926
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.796 -6.913 -5.070
T123=18.3 19.2 20.3
ALT/AZ=55.0 95.3
fwAVG=3.02
sdW=16.5
fwW=2.92
sdS=123.6
fwS=2.97
0 0 0 0 0 0 0 0 0


sdN=547.5
fwN=2.97
sdE=33.9
fwE=3.19
20260131T222808.0001.fits
SecZ=1.22
Focus=-6.925
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.795 -6.912 -5.069
T123=18.2 19.1 20.3
ALT/AZ=55.4 95.6
fwAVG=2.99
sdW=19.9
fwW=2.87
sdS=181.1
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=687.2
fwN=2.88
sdE=53.4
fwE=3.08
20260131T222839.0001.fits
SecZ=1.21
Focus=-6.925
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.795 -6.912 -5.069
T123=18.2 19.1 20.3
ALT/AZ=55.5 95.7
fwAVG=2.87
sdW=30.9
fwW=2.84
sdS=324.3
fwS=2.66
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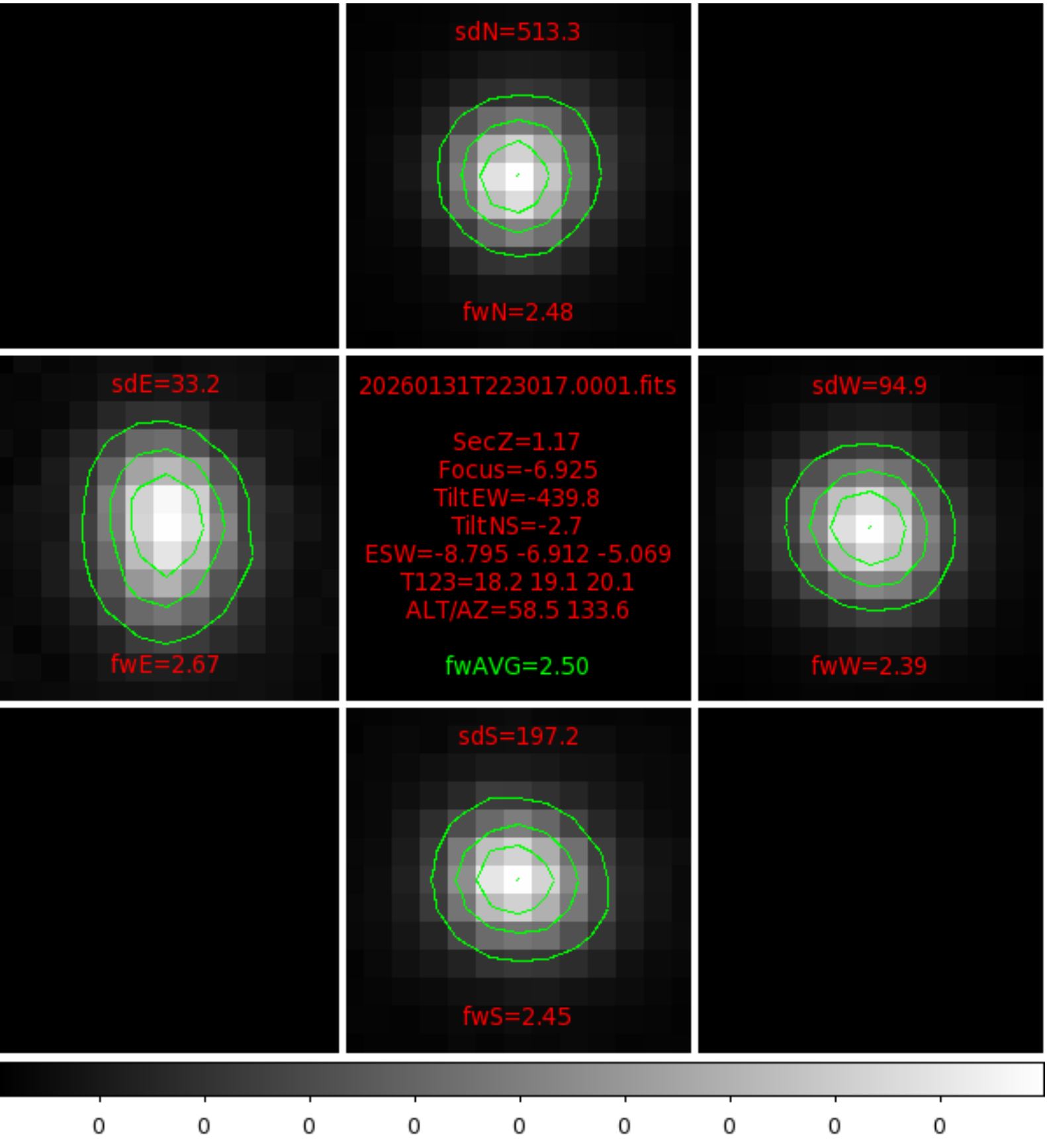
sdN=513.3
fwN=2.48
sdE=33.2
fwE=2.67
20260131T223017.0001.fits
SecZ=1.17
Focus=-6.925
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.795 -6.912 -5.069
T123=18.2 19.1 20.1
ALT/AZ=58.5 133.6
fwAVG=2.50
sdW=94.9
fwW=2.39
sdS=197.2
fwS=2.45
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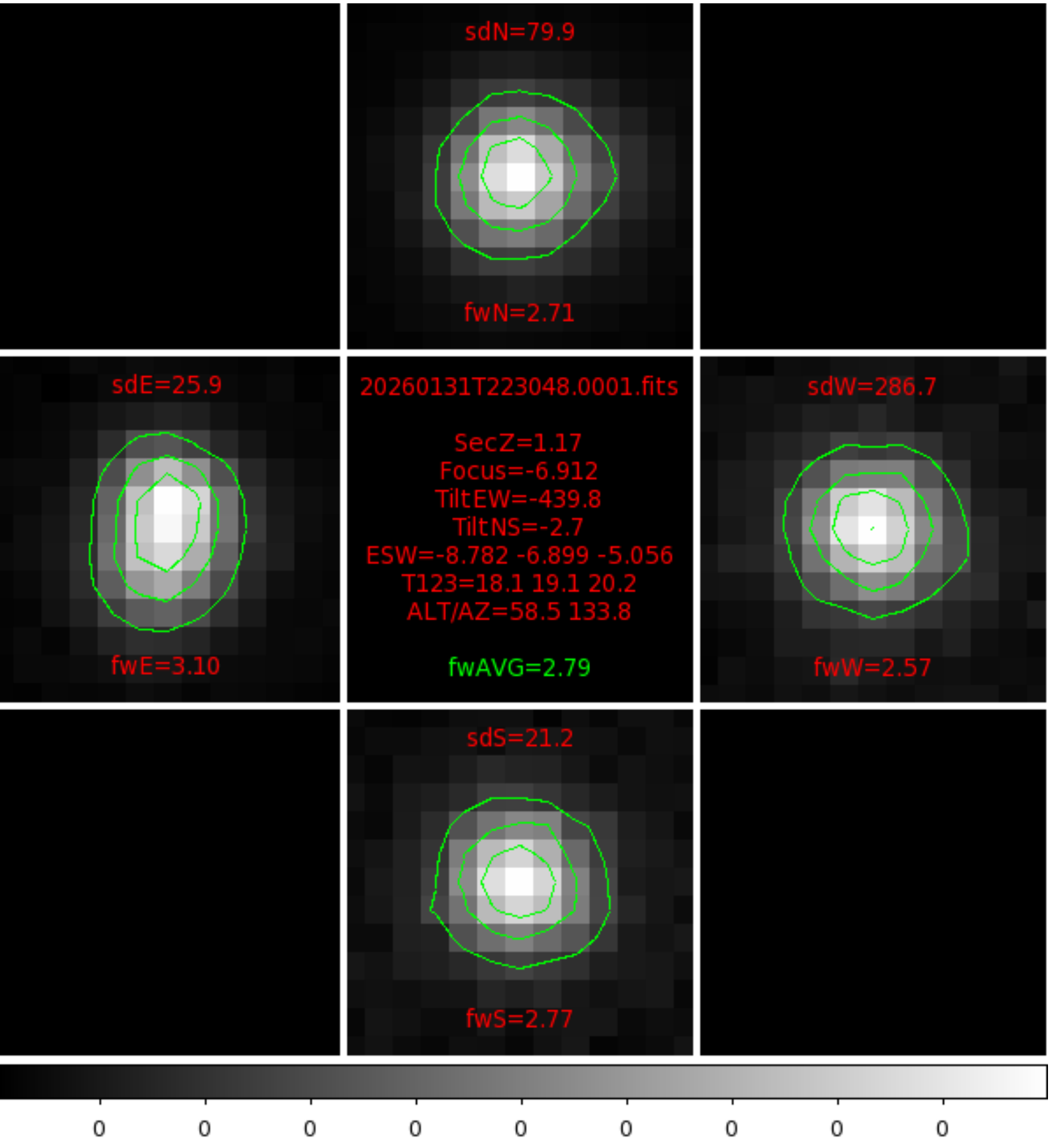
sdN=79.9
fwN=2.71
sdE=25.9
fwE=3.10
20260131T223048.0001.fits
SecZ=1.17
Focus=-6.912
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.782 -6.899 -5.056
T123=18.1 19.1 20.2
ALT/AZ=58.5 133.8
fwAVG=2.79
sdW=286.7
fwW=2.57
sdS=21.2
fwS=2.77
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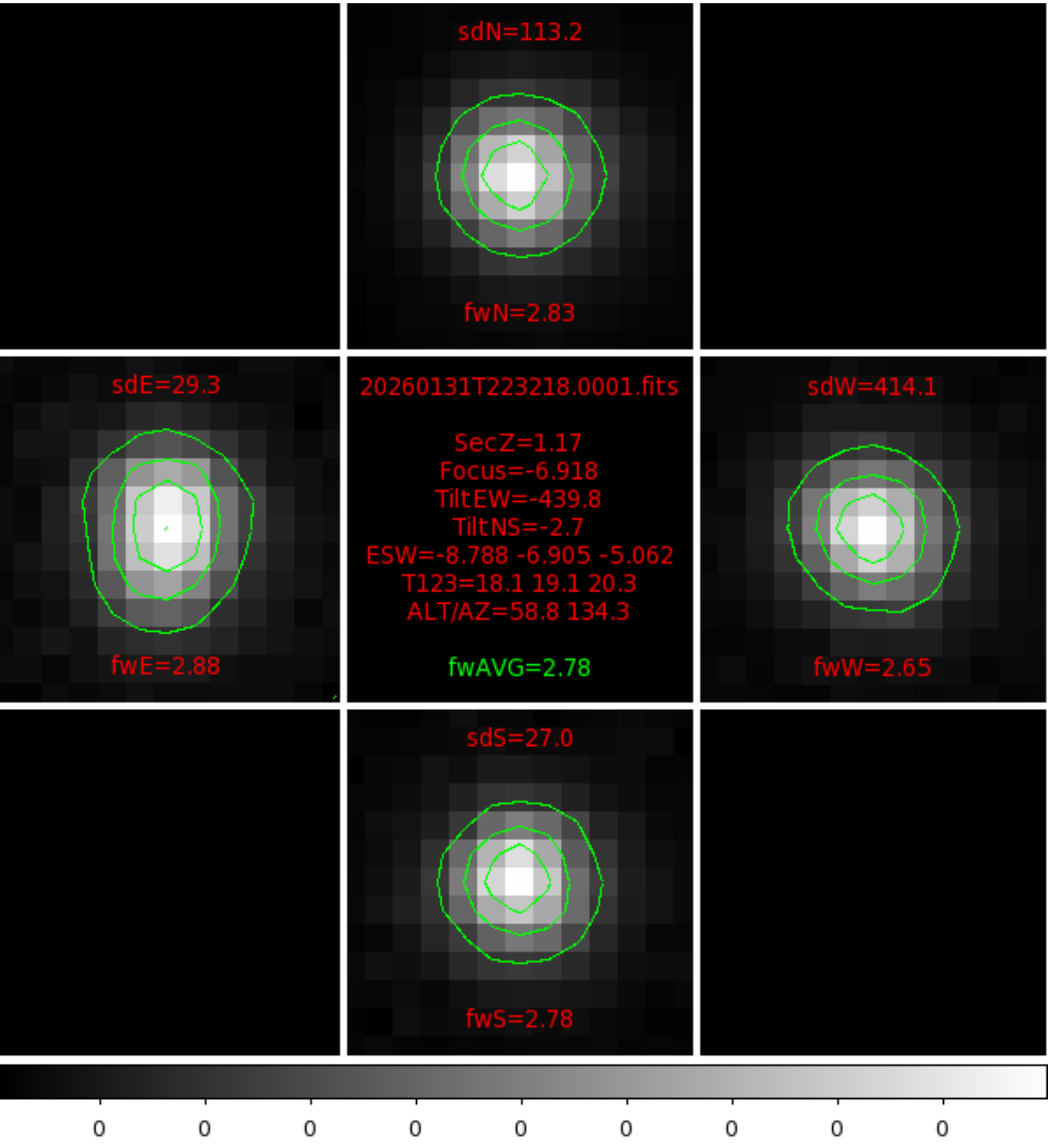
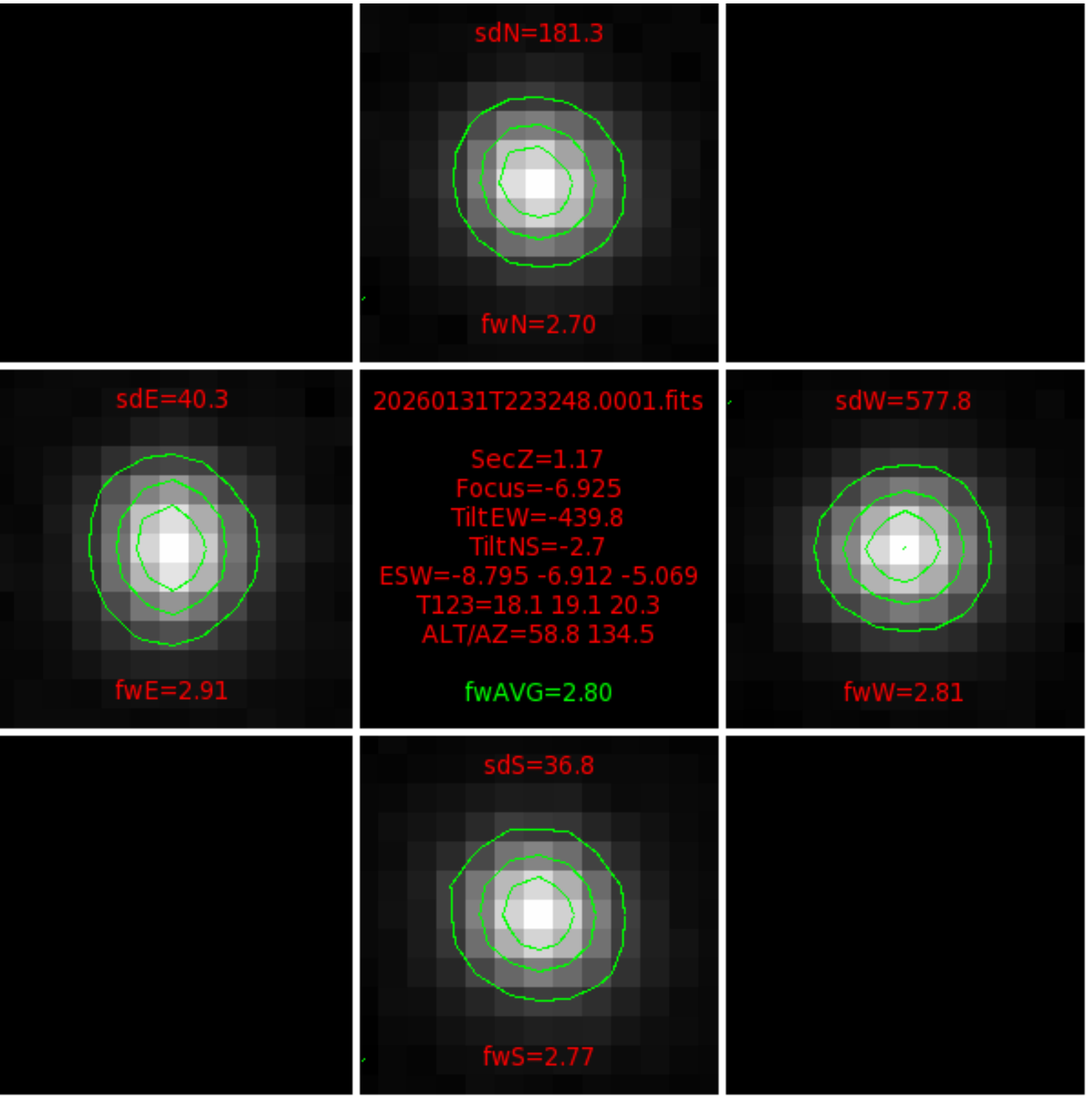

sdN=113.2
fwN=2.83
sdE=29.3
fwE=2.88
20260131T223218.0001.fits
SecZ=1.17
Focus=-6.918
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.788 -6.905 -5.062
T123=18.1 19.1 20.3
ALT/AZ=58.8 134.3
fwAVG=2.78
sdW=414.1
fwW=2.65
sdS=27.0
fwS=2.78
0 0 0 0 0 0 0 0 0


sdN=181.3
fwN=2.70
sdE=40.3
fwE=2.91
20260131T223248.0001.fits
SecZ=1.17
Focus=-6.925
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.795 -6.912 -5.069
T123=18.1 19.1 20.3
ALT/AZ=58.8 134.5
fwAVG=2.80
sdW=577.8
fwW=2.81
sdS=36.8
fwS=2.77
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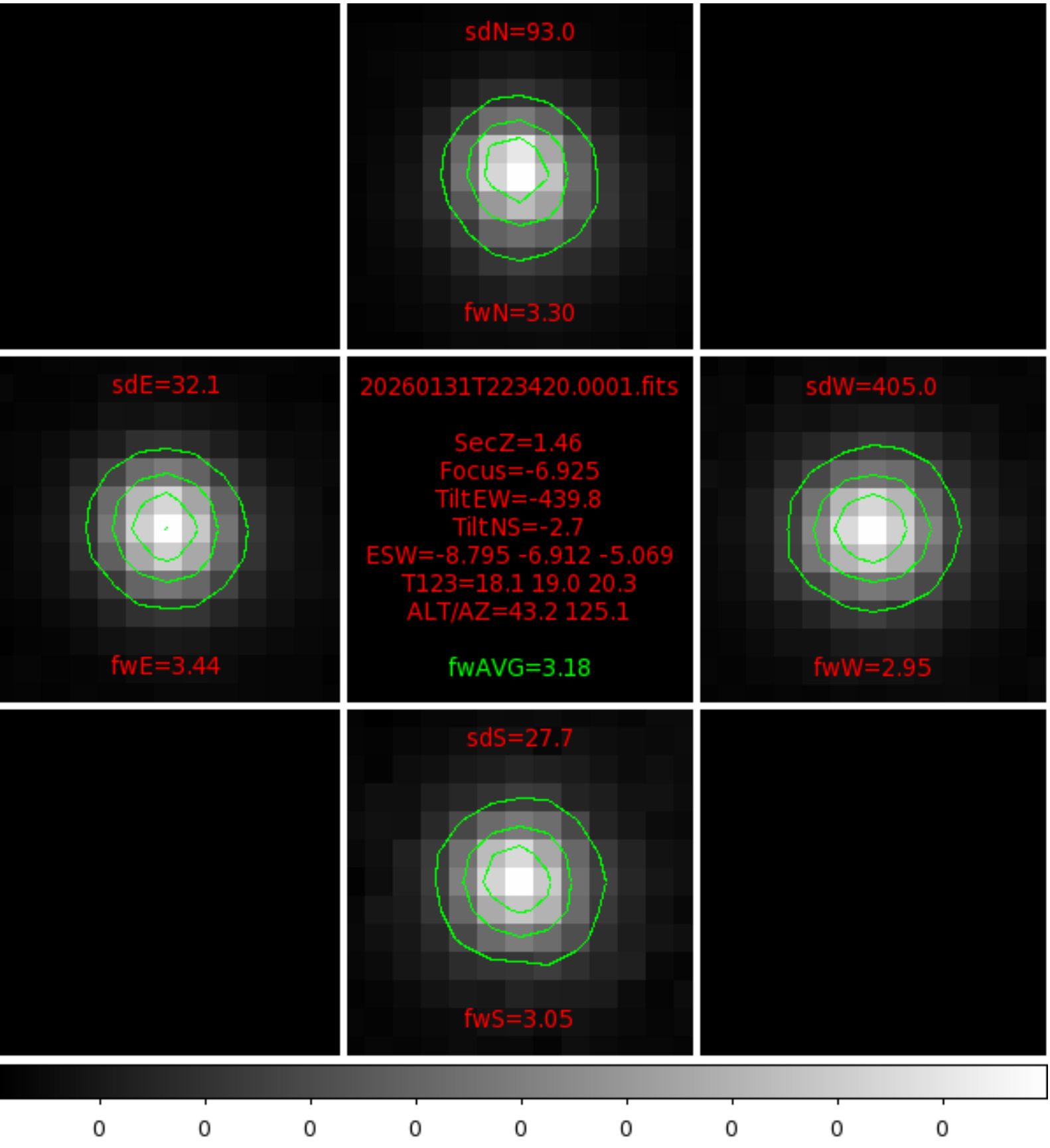
sdN=93.0
fwN=3.30
sdE=32.1
fwE=3.44
20260131T223420.0001.fits
SecZ=1.46
Focus=-6.925
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.795 -6.912 -5.069
T123=18.1 19.0 20.3
ALT/AZ=43.2 125.1
fwAVG=3.18
sdW=405.0
fwW=2.95
sdS=27.7
fwS=3.05
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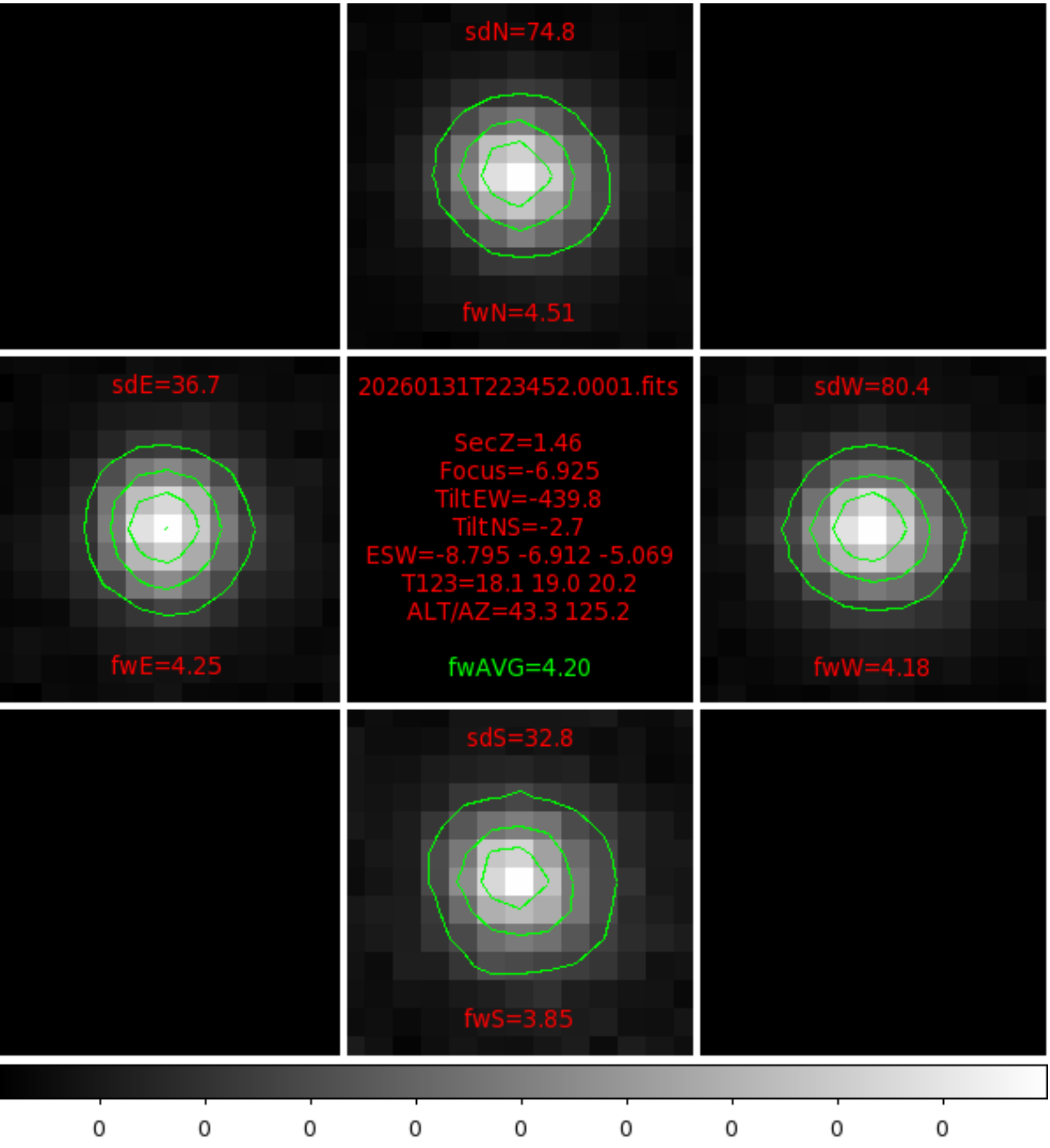
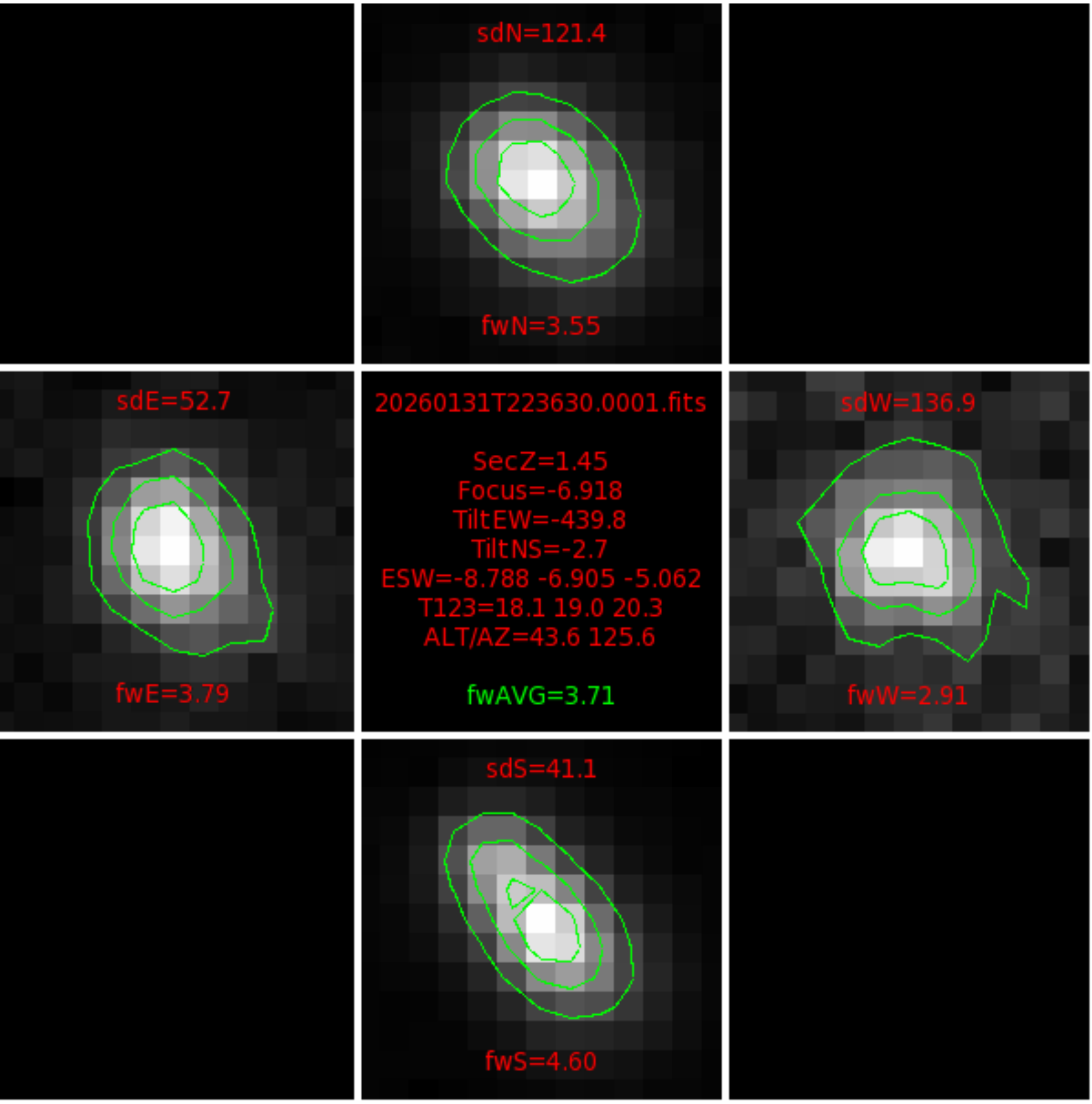

sdN=74.8
fwN=4.51
sdE=36.7
fwE=4.25
20260131T223452.0001.fits
SecZ=1.46
Focus=-6.925
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.795 -6.912 -5.069
T123=18.1 19.0 20.2
ALT/AZ=43.3 125.2
fwAVG=4.20
sdW=80.4
fwW=4.18
sdS=32.8
fwS=3.85
0 0 0 0 0 0 0 0 0


sdN=121.4
fwN=3.55
sdE=52.7
fwE=3.79
20260131T223630.0001.fits
SecZ=1.45
Focus=-6.918
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.788 -6.905 -5.062
T123=18.1 19.0 20.3
ALT/AZ=43.6 125.6
fwAVG=3.71
sdW=136.9
fwW=2.91
sdS=41.1
fwS=4.60
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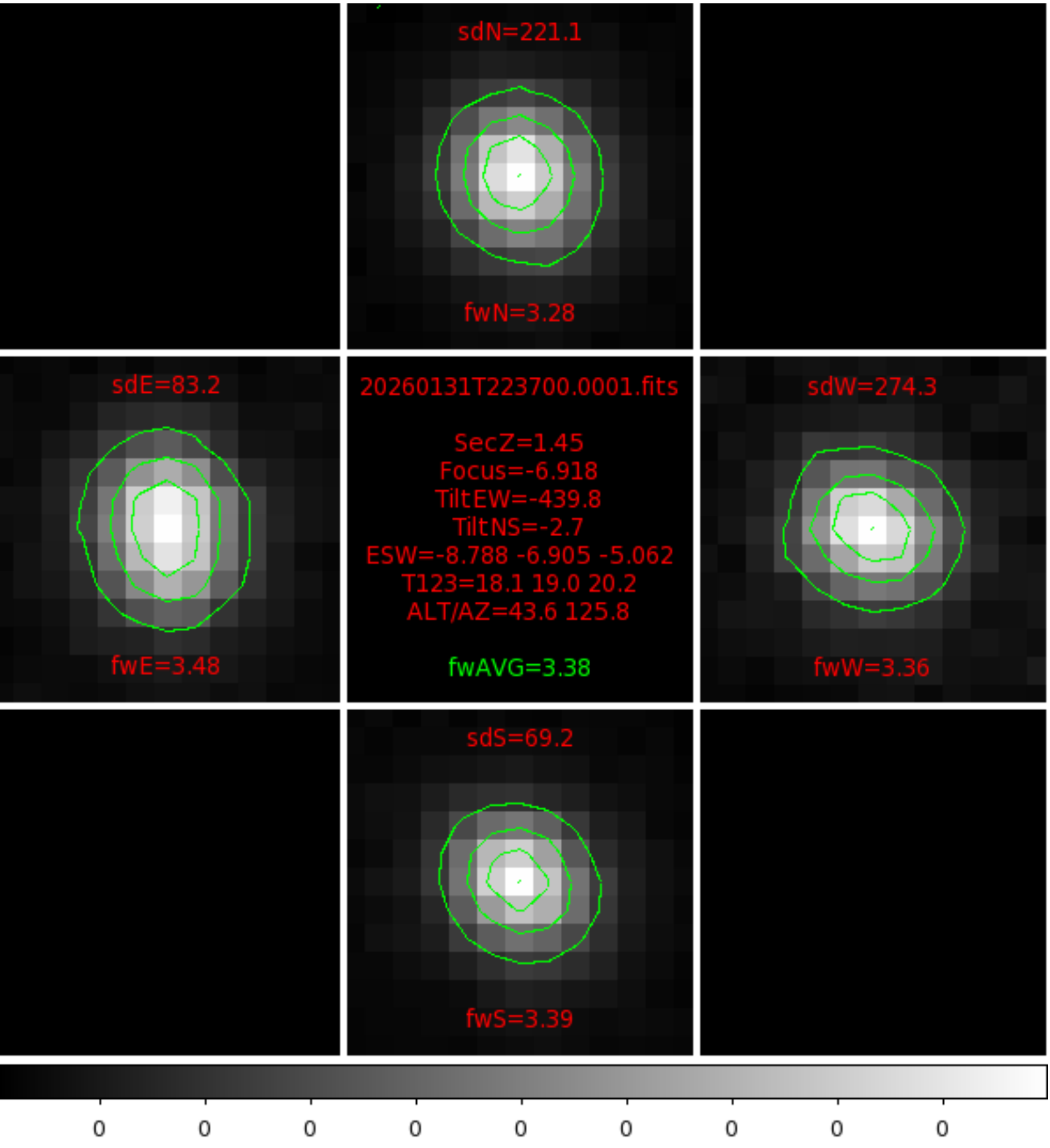
sdN=221.1
fwN=3.28
sdE=83.2
fwE=3.48
20260131T223700.0001.fits
SecZ=1.45
Focus=-6.918
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.788 -6.905 -5.062
T123=18.1 19.0 20.2
ALT/AZ=43.6 125.8
fwAVG=3.38
sdW=274.3
fwW=3.36
sdS=69.2
fwS=3.39
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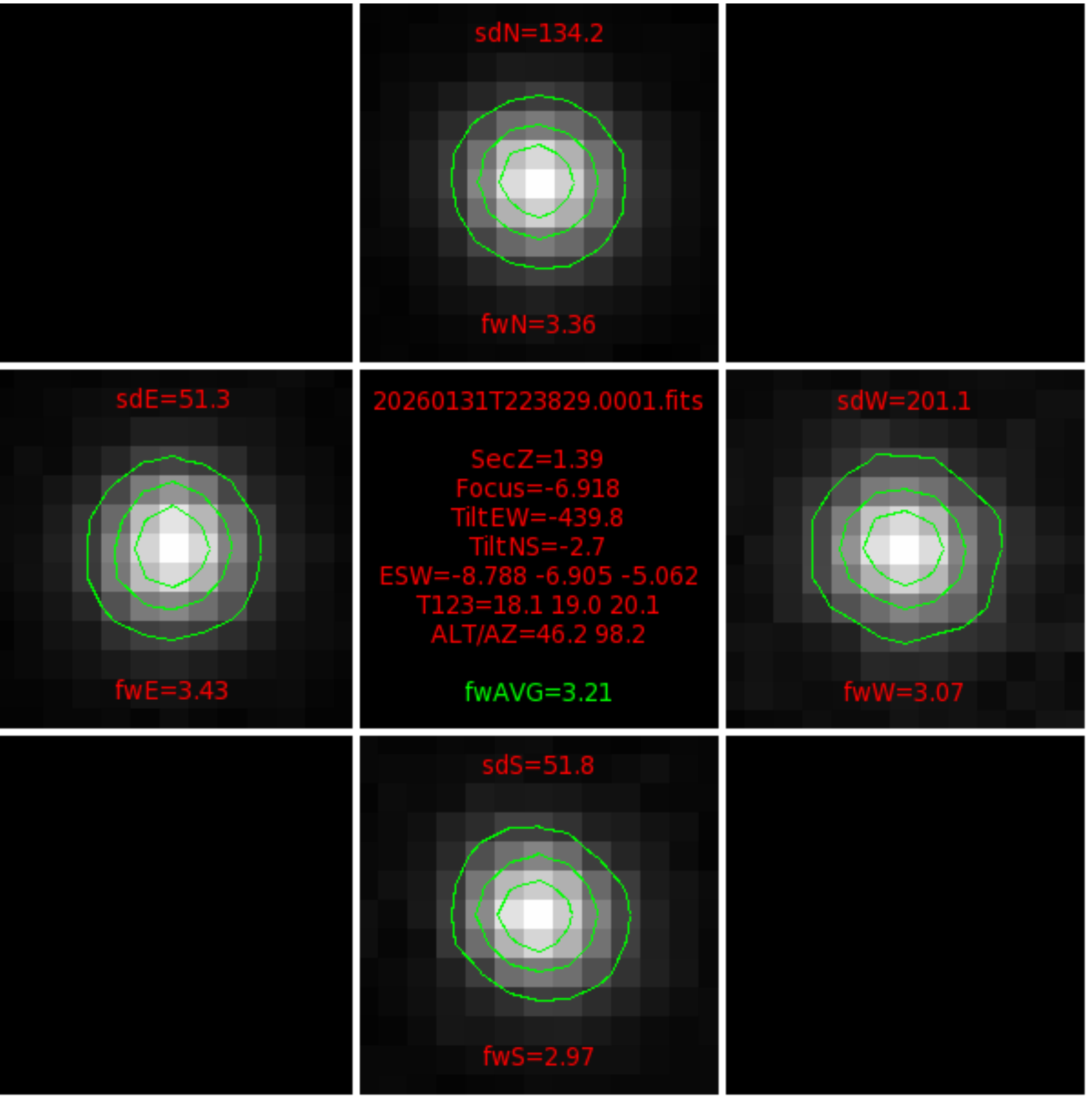
sdN=134.2
fwN=3.36
sdE=51.3
fwE=3.43
20260131T223829.0001.fits
SecZ=1.39
Focus=-6.918
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.788 -6.905 -5.062
T123=18.1 19.0 20.1
ALT/AZ=46.2 98.2
fwAVG=3.21
sdW=201.1
fwW=3.07
sdS=51.8
fwS=2.97
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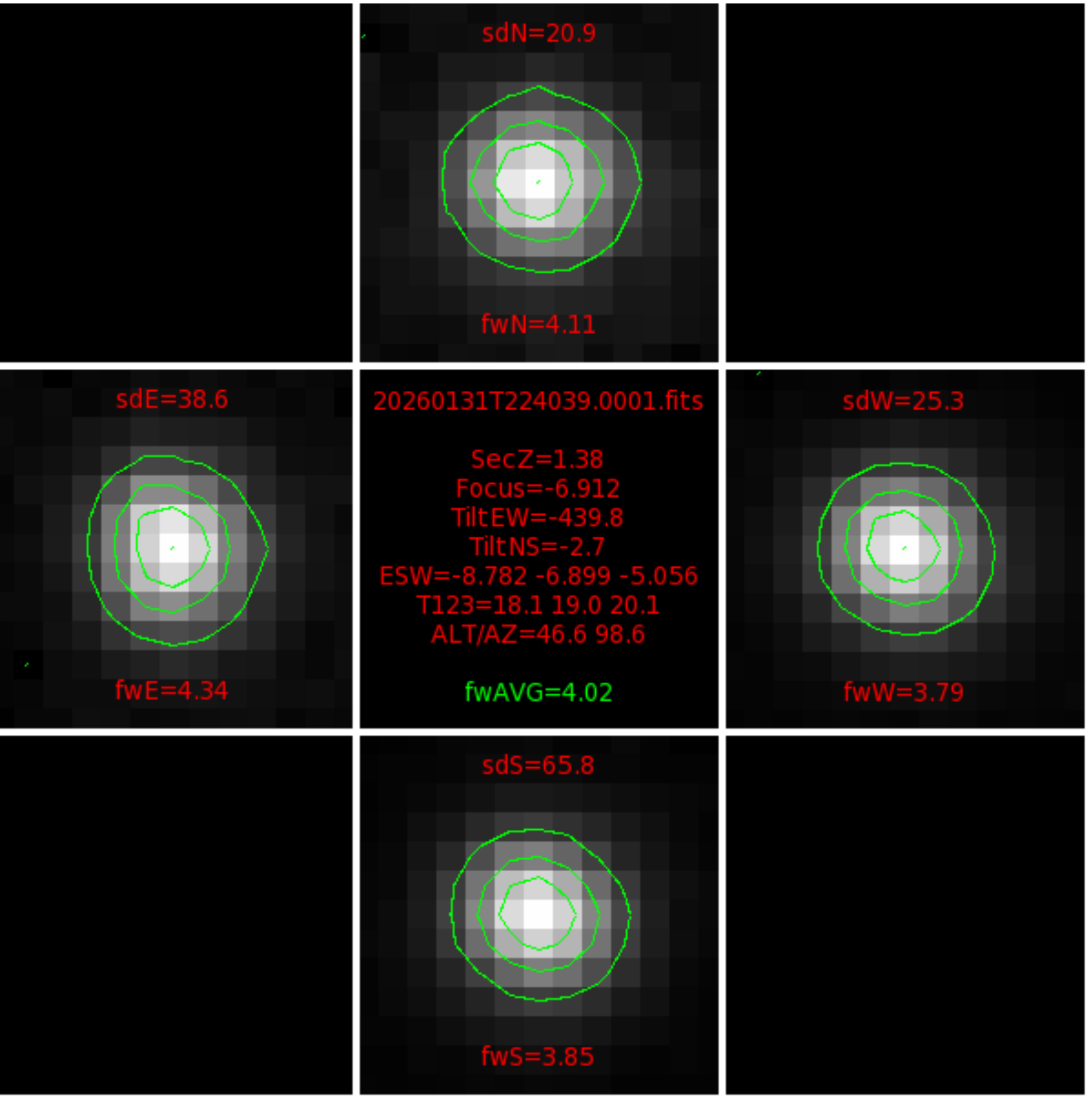
sdN=20.9
fwN=4.11
sdE=38.6
fwE=4.34
20260131T224039.0001.fits
SecZ=1.38
Focus=-6.912
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.782 -6.899 -5.056
T123=18.1 19.0 20.1
ALT/AZ=46.6 98.6
fwAVG=4.02
sdW=25.3
fwW=3.79
sdS=65.8
fwS=3.85
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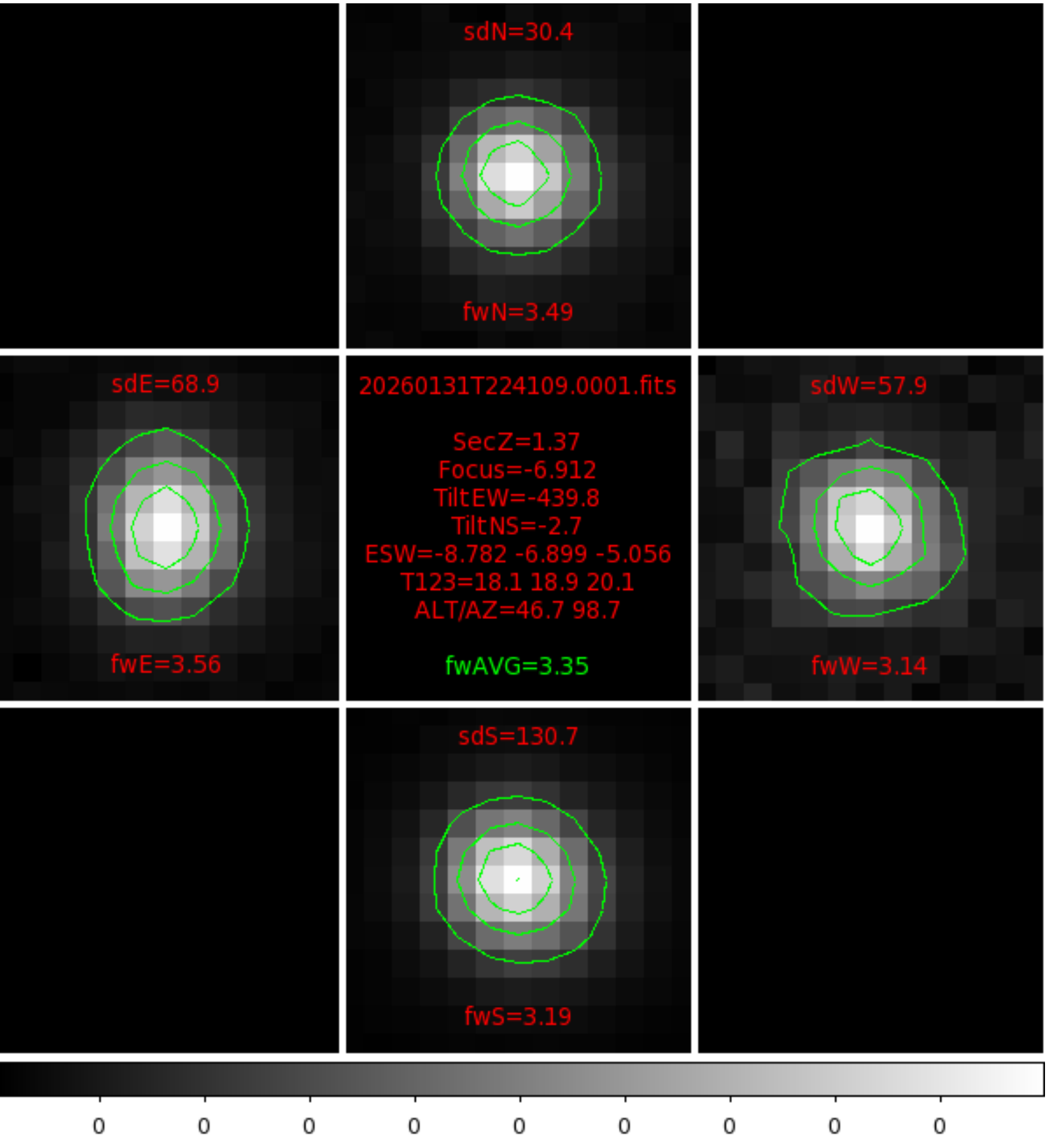
sdN=30.4
fwN=3.49
sdE=68.9
fwE=3.56
20260131T224109.0001.fits
SecZ=1.37
Focus=-6.912
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.782 -6.899 -5.056
T123=18.1 18.9 20.1
ALT/AZ=46.7 98.7
fwAVG=3.35
sdW=57.9
fwW=3.14
sdS=130.7
fwS=3.19
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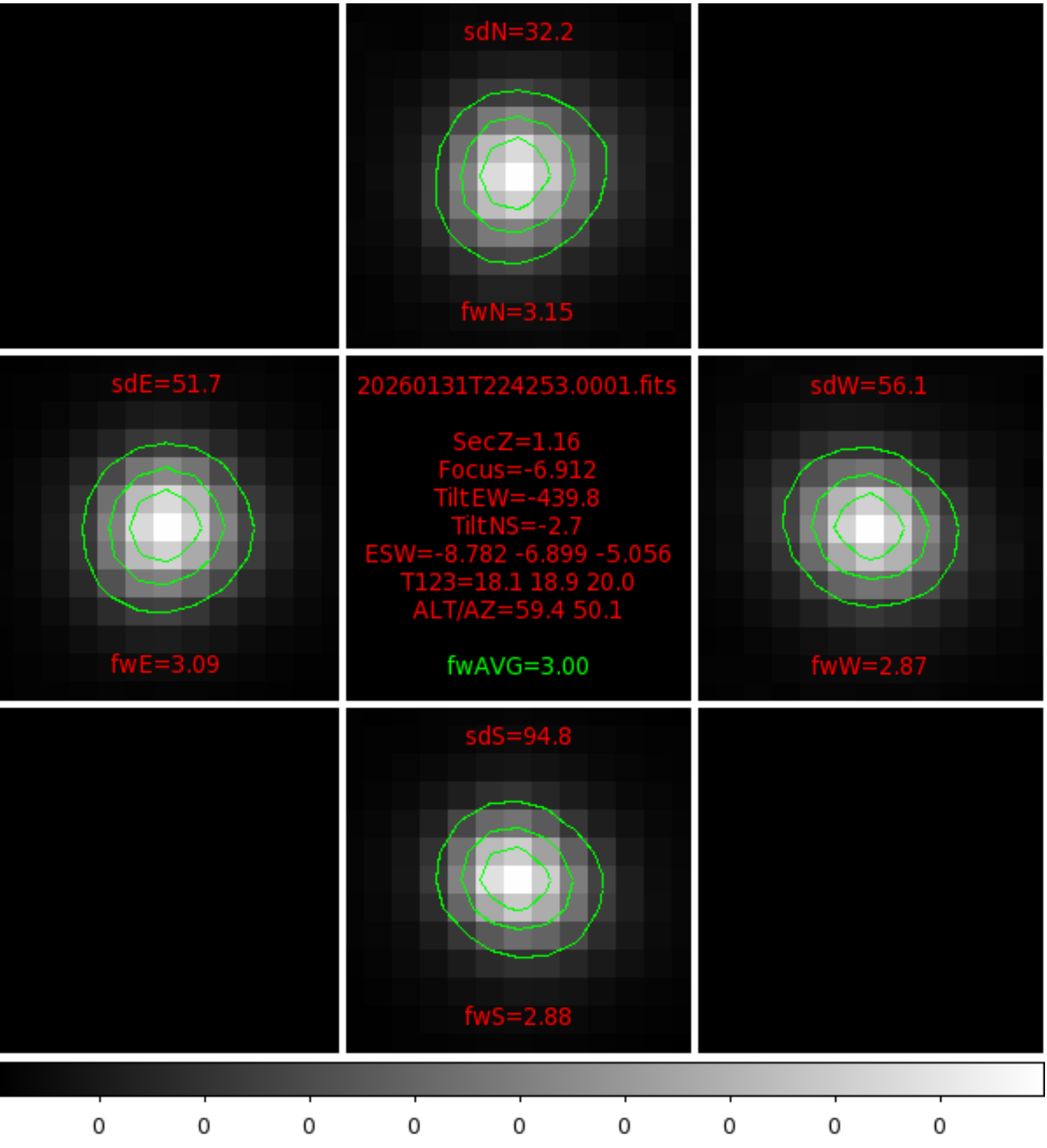
sdN=32.2
fwN=3.15
sdE=51.7
fwE=3.09
20260131T224253.0001.fits
SecZ=1.16
Focus=-6.912
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.782 -6.899 -5.056
T123=18.1 18.9 20.0
ALT/AZ=59.4 50.1
fwAVG=3.00
sdW=56.1
fwW=2.87
sdS=94.8
fwS=2.88
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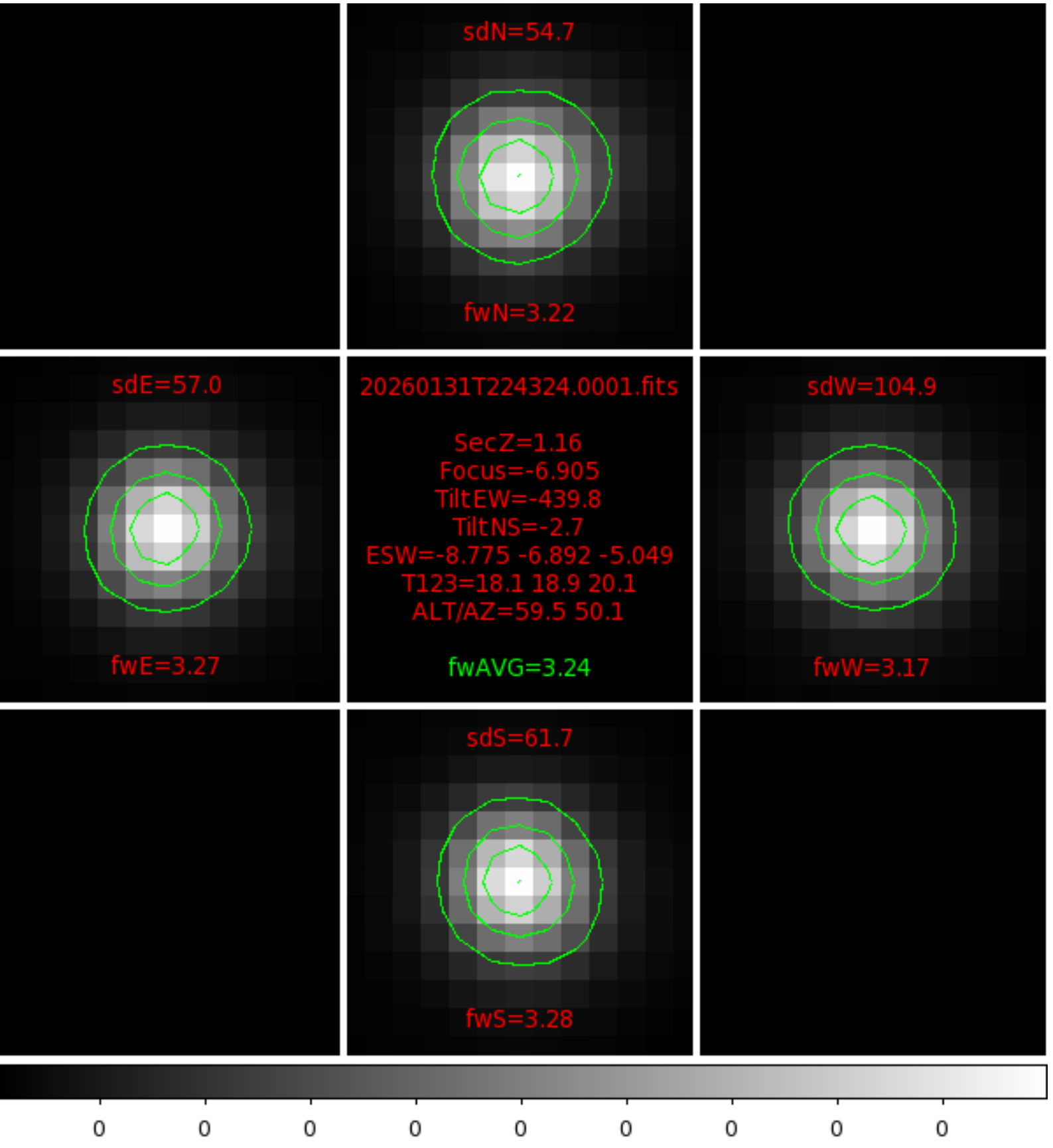
sdN=54.7
fwN=3.22
sdE=57.0
fwE=3.27
20260131T224324.0001.fits
SecZ=1.16
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=18.1 18.9 20.1
ALT/AZ=59.5 50.1
fwAVG=3.24
sdW=104.9
fwW=3.17
sdS=61.7
fwS=3.28
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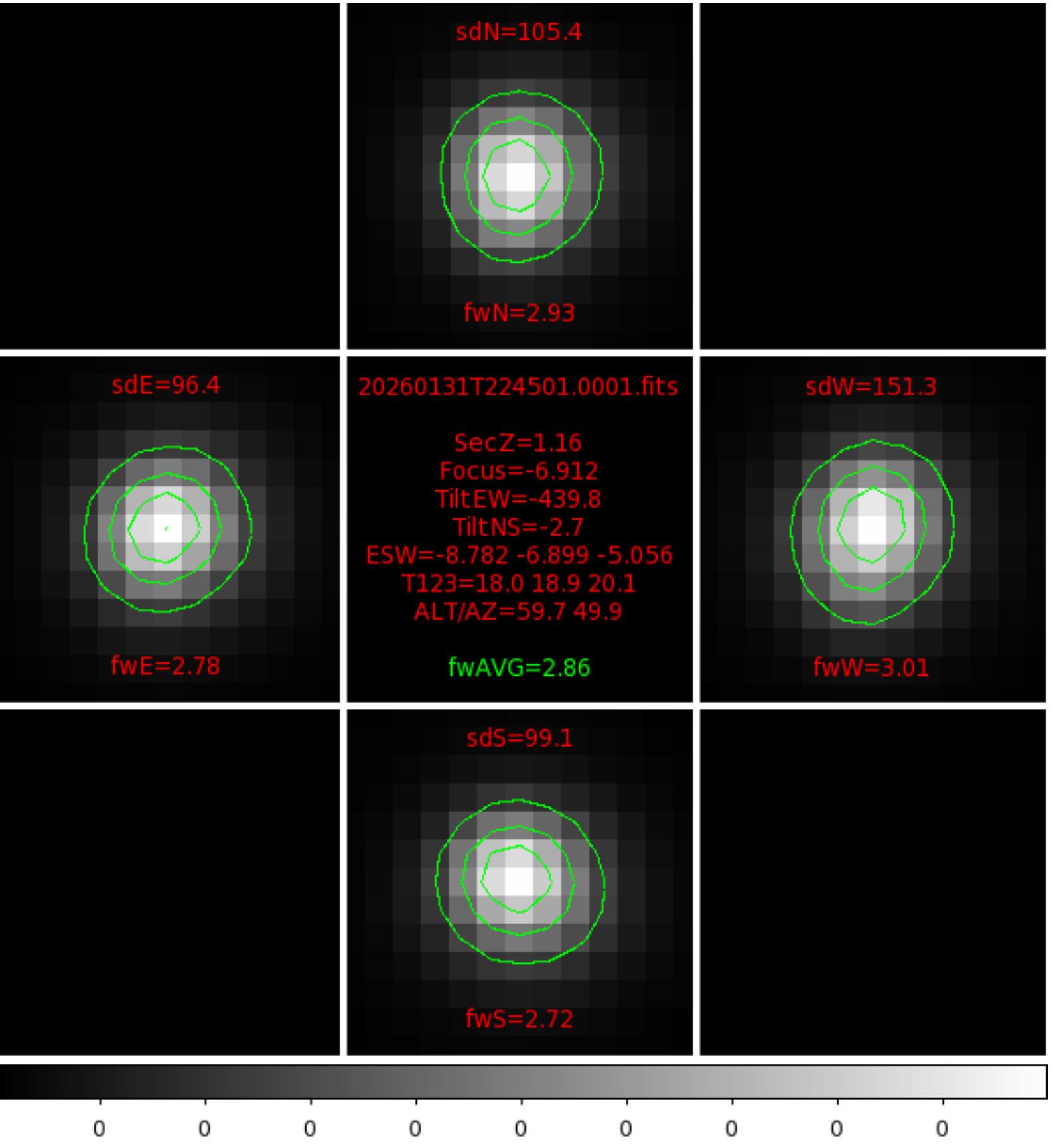
sdN=105.4
fwN=2.93
sdE=96.4
fwE=2.78
20260131T224501.0001.fits
SecZ=1.16
Focus=-6.912
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.782 -6.899 -5.056
T123=18.0 18.9 20.1
ALT/AZ=59.7 49.9
fwAVG=2.86
sdW=151.3
fwW=3.01
sdS=99.1
fwS=2.72
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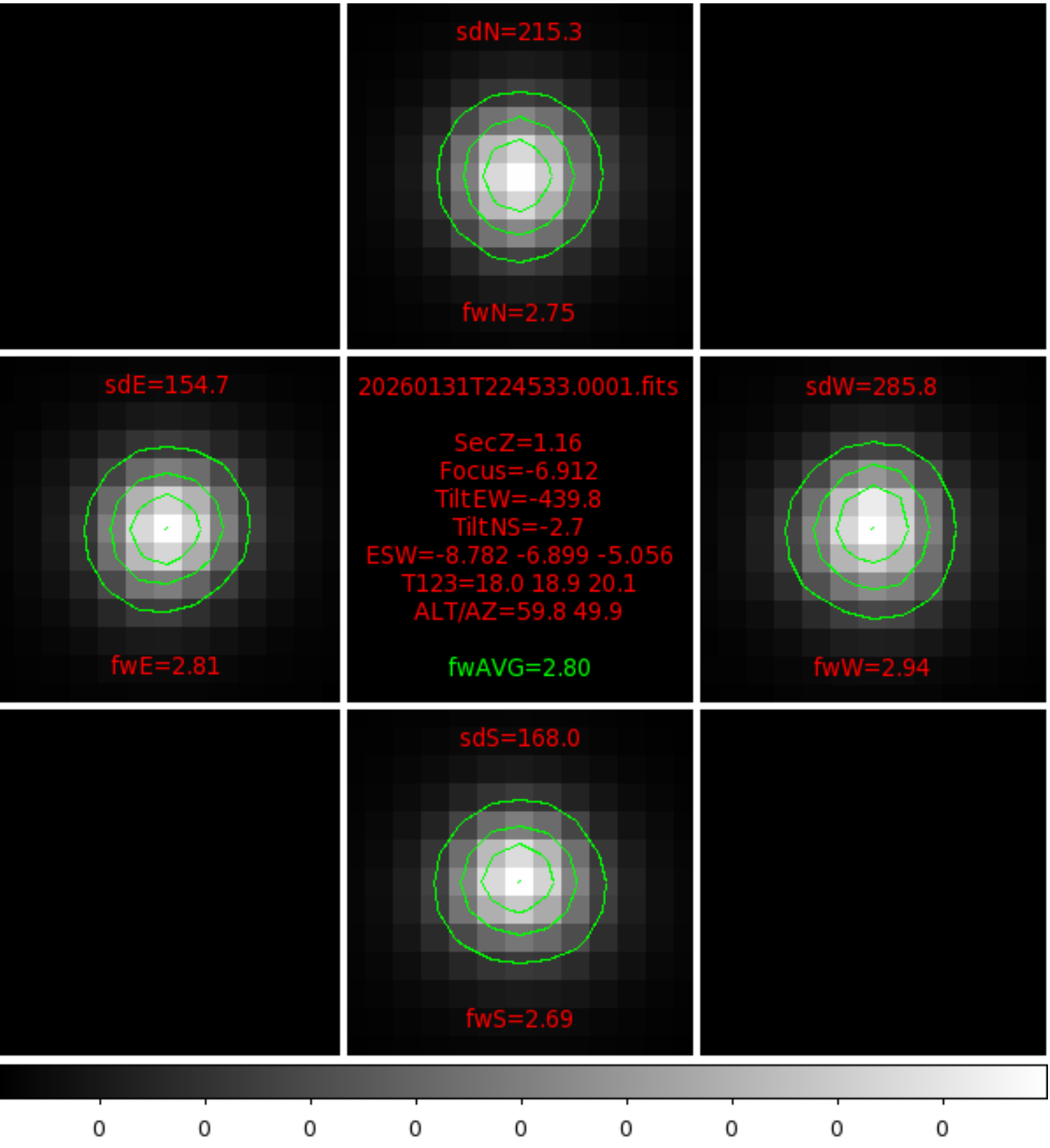
sdN=215.3
fwN=2.75
sdE=154.7
fwE=2.81
20260131T224533.0001.fits
SecZ=1.16
Focus=-6.912
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.782 -6.899 -5.056
T123=18.0 18.9 20.1
ALT/AZ=59.8 49.9
fwAVG=2.80
sdW=285.8
fwW=2.94
sdS=168.0
fwS=2.69
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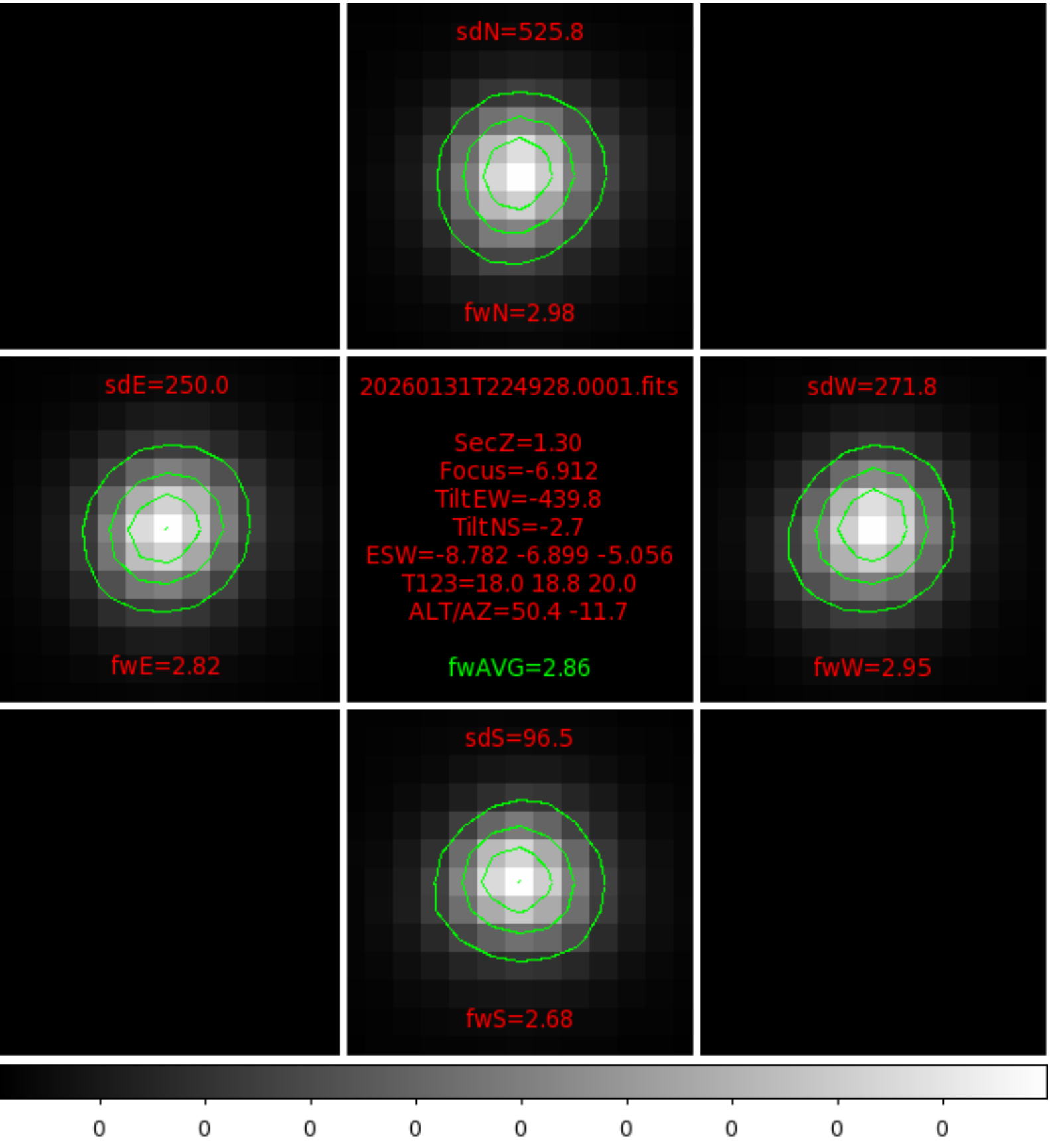
sdN=525.8
fwN=2.98
sdE=250.0
fwE=2.82
20260131T224928.0001.fits
SecZ=1.30
Focus=-6.912
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.782 -6.899 -5.056
T123=18.0 18.8 20.0
ALT/AZ=50.4 -11.7
fwAVG=2.86
sdW=271.8
fwW=2.95
sdS=96.5
fwS=2.68
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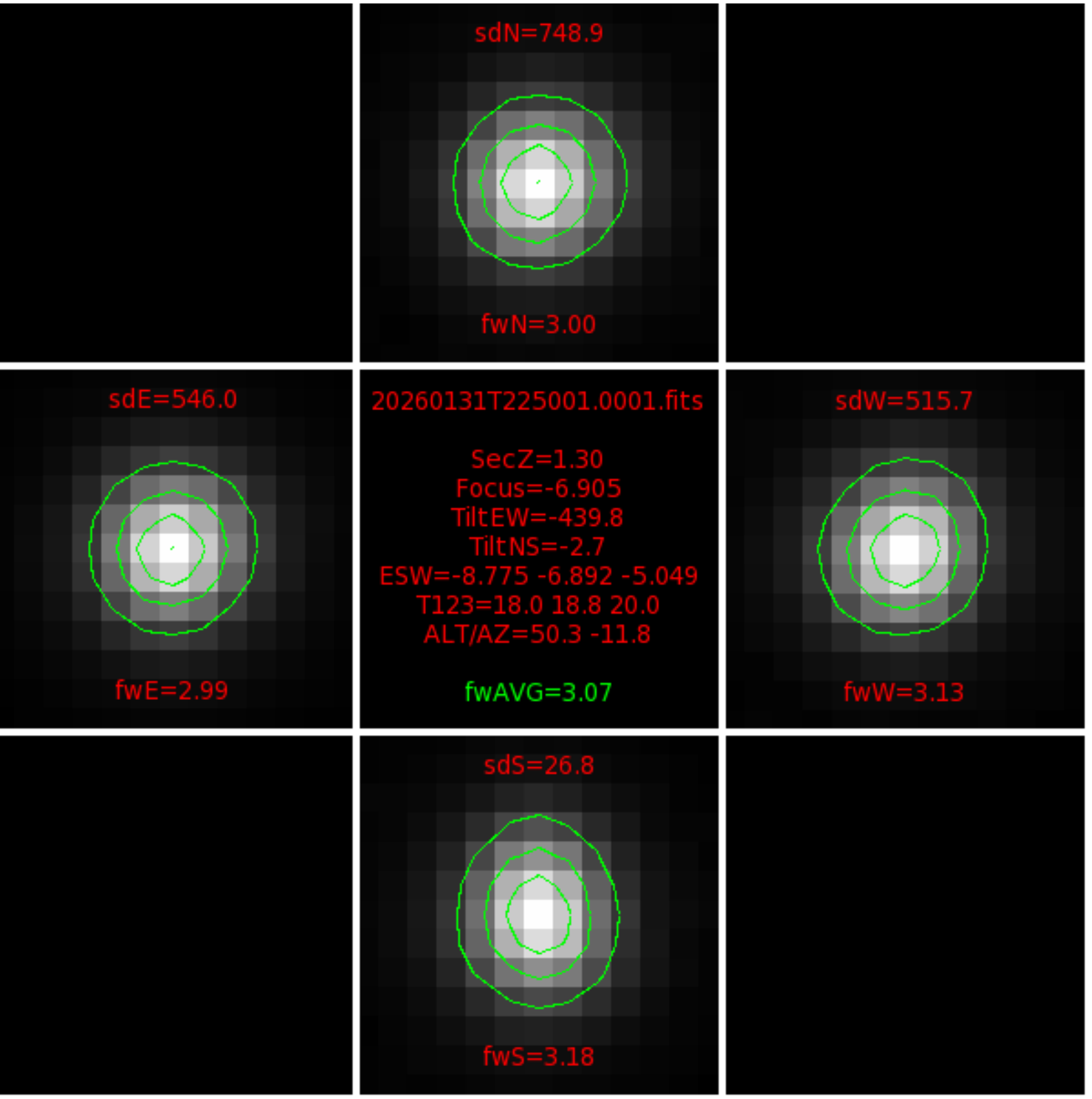
sdN=748.9
fwN=3.00
sdE=546.0
fwE=2.99
20260131T225001.0001.fits
SecZ=1.30
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=18.0 18.8 20.0
ALT/AZ=50.3 -11.8
fwAVG=3.07
sdW=515.7
fwW=3.13
sdS=26.8
fwS=3.18
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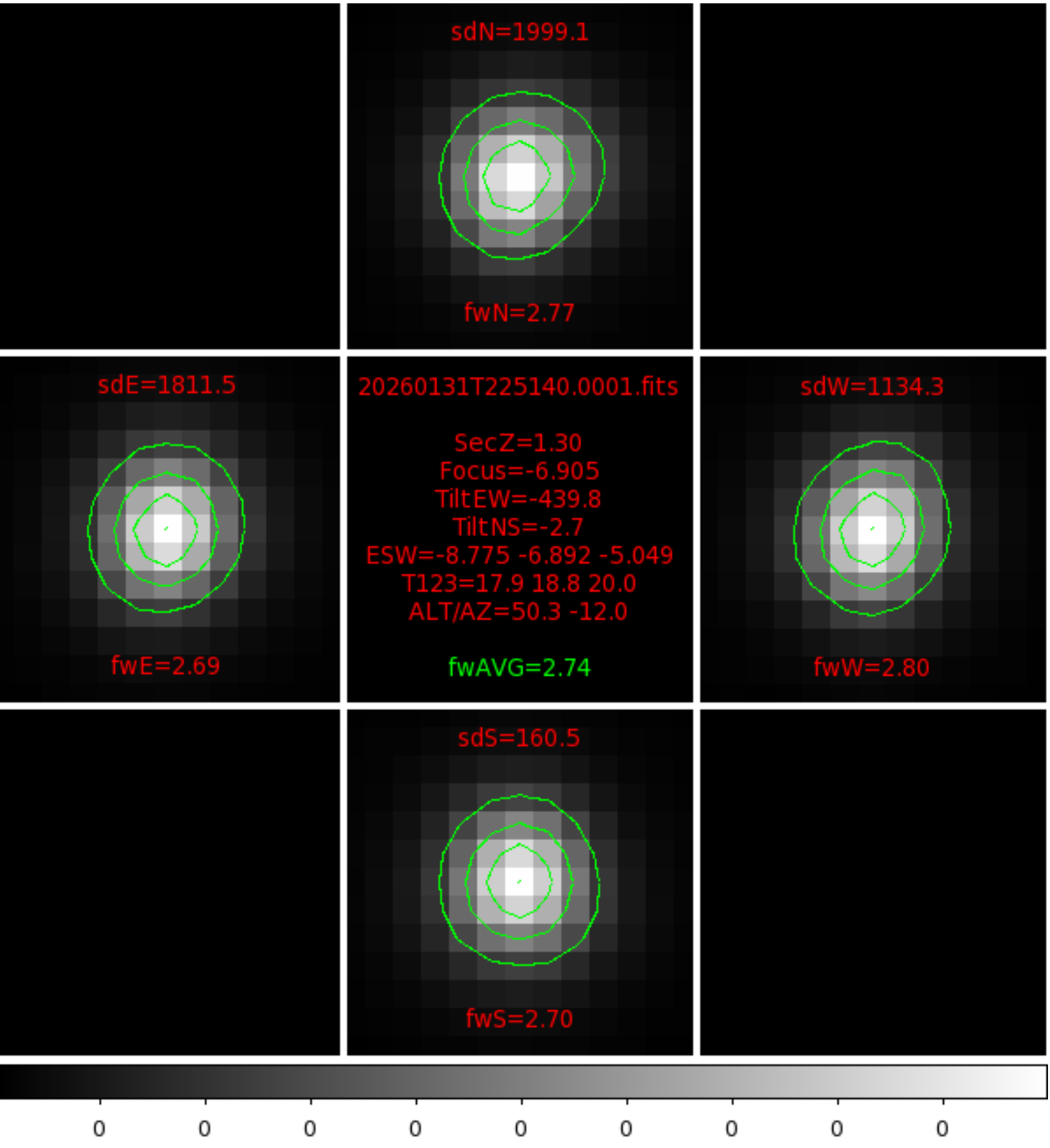
sdN=1999.1
fwN=2.77
sdE=1811.5
fwE=2.69
20260131T225140.0001.fits
SecZ=1.30
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=17.9 18.8 20.0
ALT/AZ=50.3 -12.0
fwAVG=2.74
sdW=1134.3
fwW=2.80
sdS=160.5
fwS=2.70
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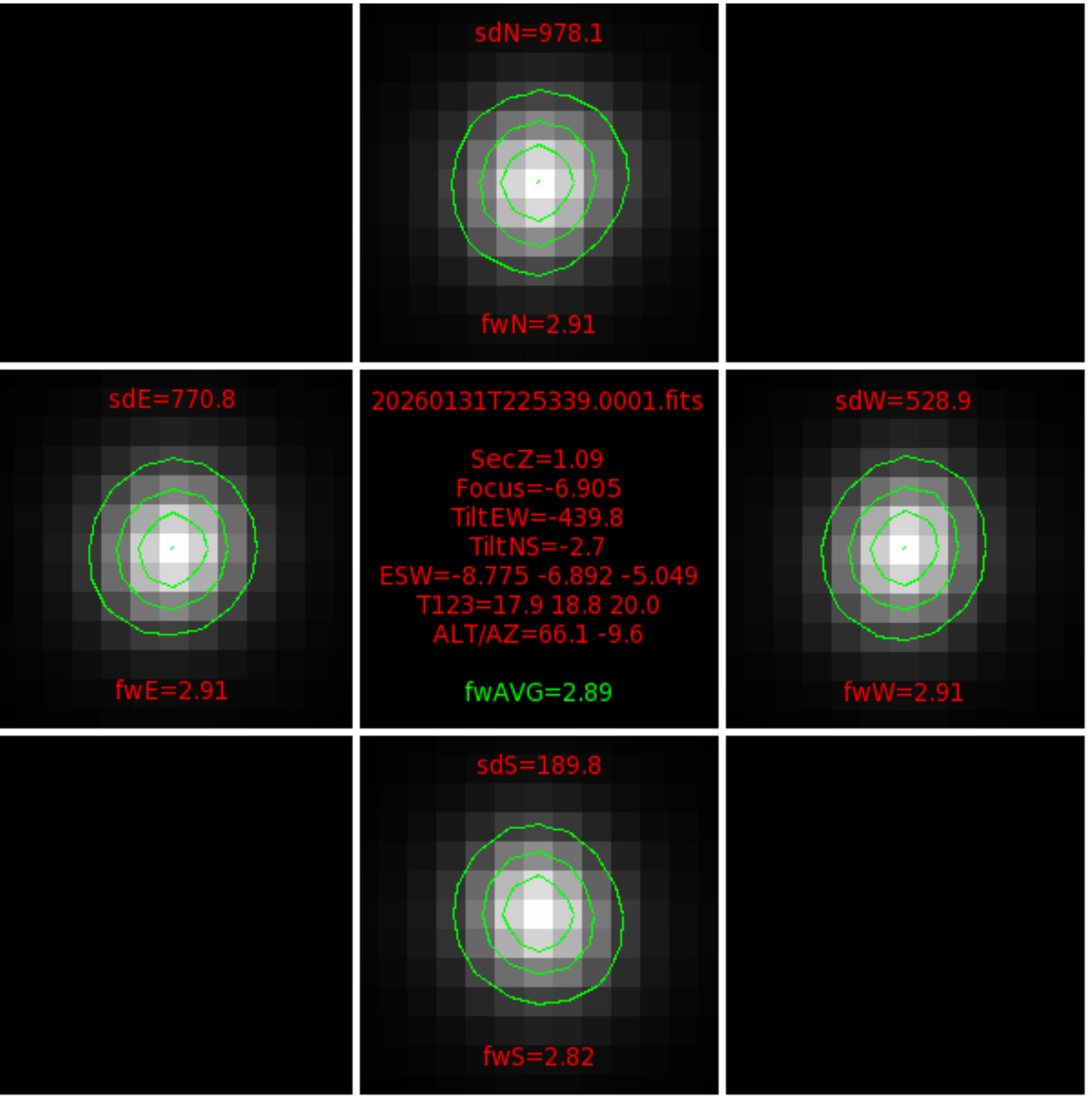
sdN=978.1
fwN=2.91
sdE=770.8
fwE=2.91
20260131T225339.0001.fits
SecZ=1.09
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=17.9 18.8 20.0
ALT/AZ=66.1 -9.6
fwAVG=2.89
sdW=528.9
fwW=2.91
sdS=189.8
fwS=2.82
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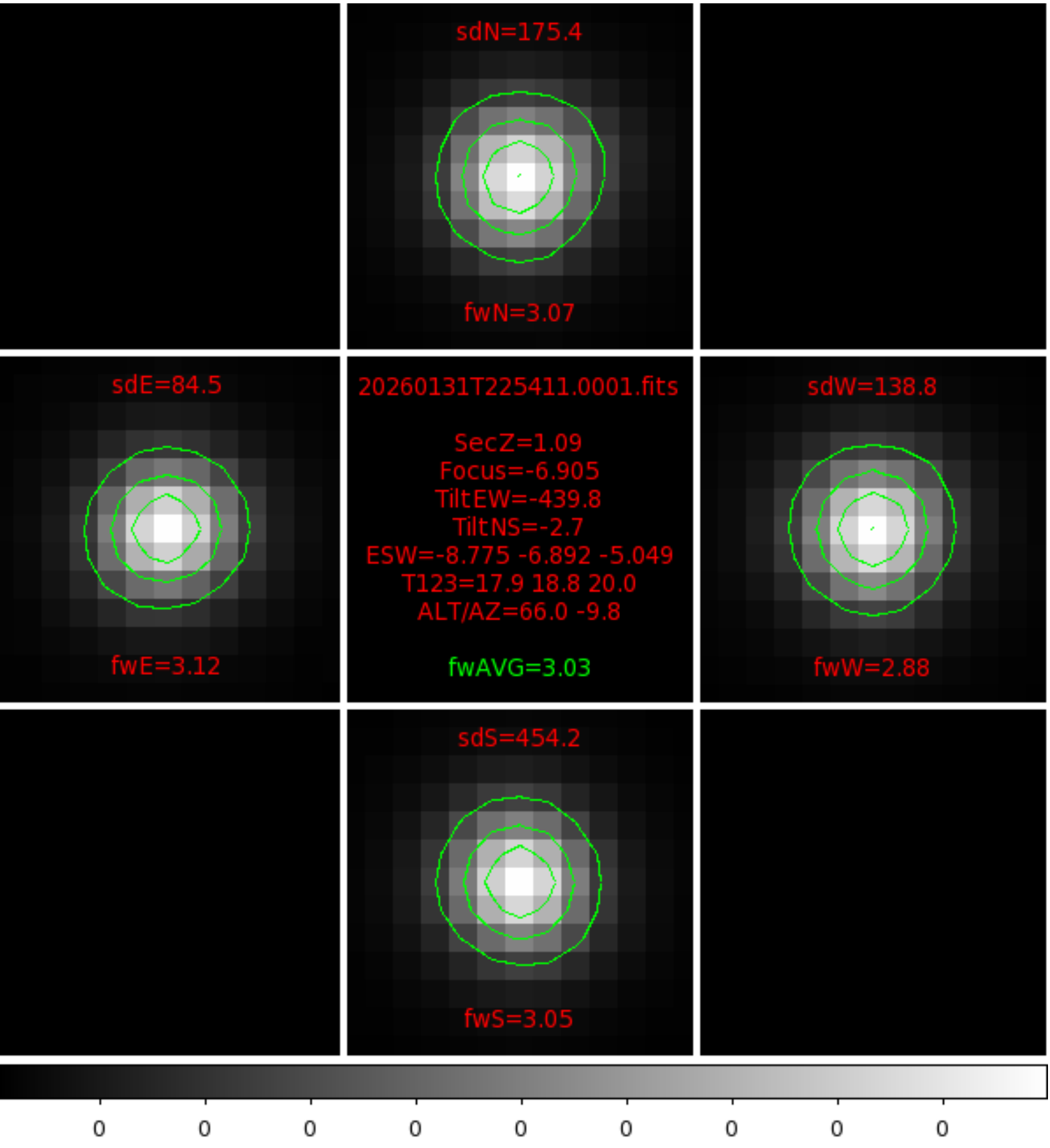
sdN=175.4
fwN=3.07
sdE=84.5
fwE=3.12
20260131T225411.0001.fits
SecZ=1.09
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=17.9 18.8 20.0
ALT/AZ=66.0 -9.8
fwAVG=3.03
sdW=138.8
fwW=2.88
sdS=454.2
fwS=3.05
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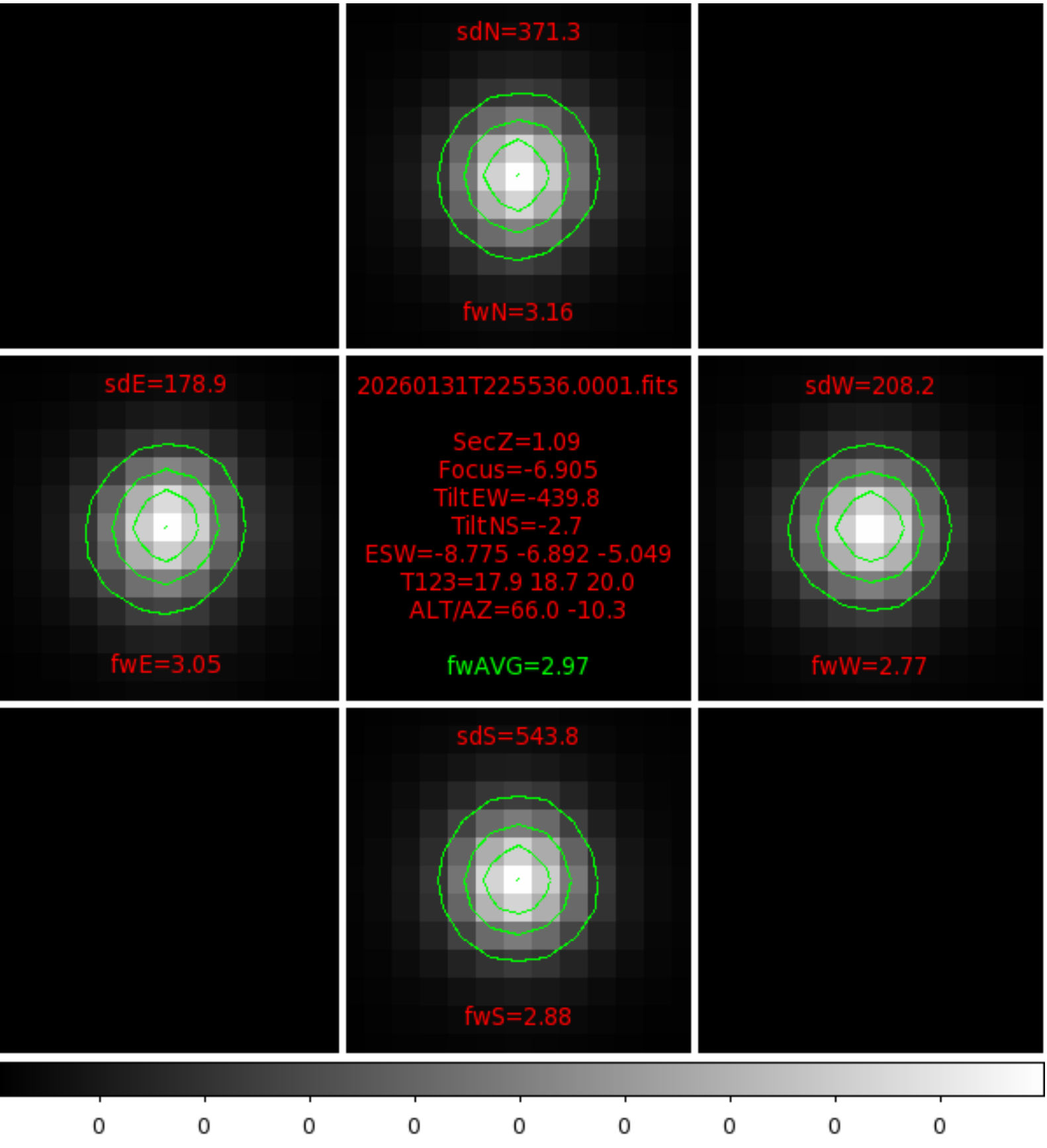
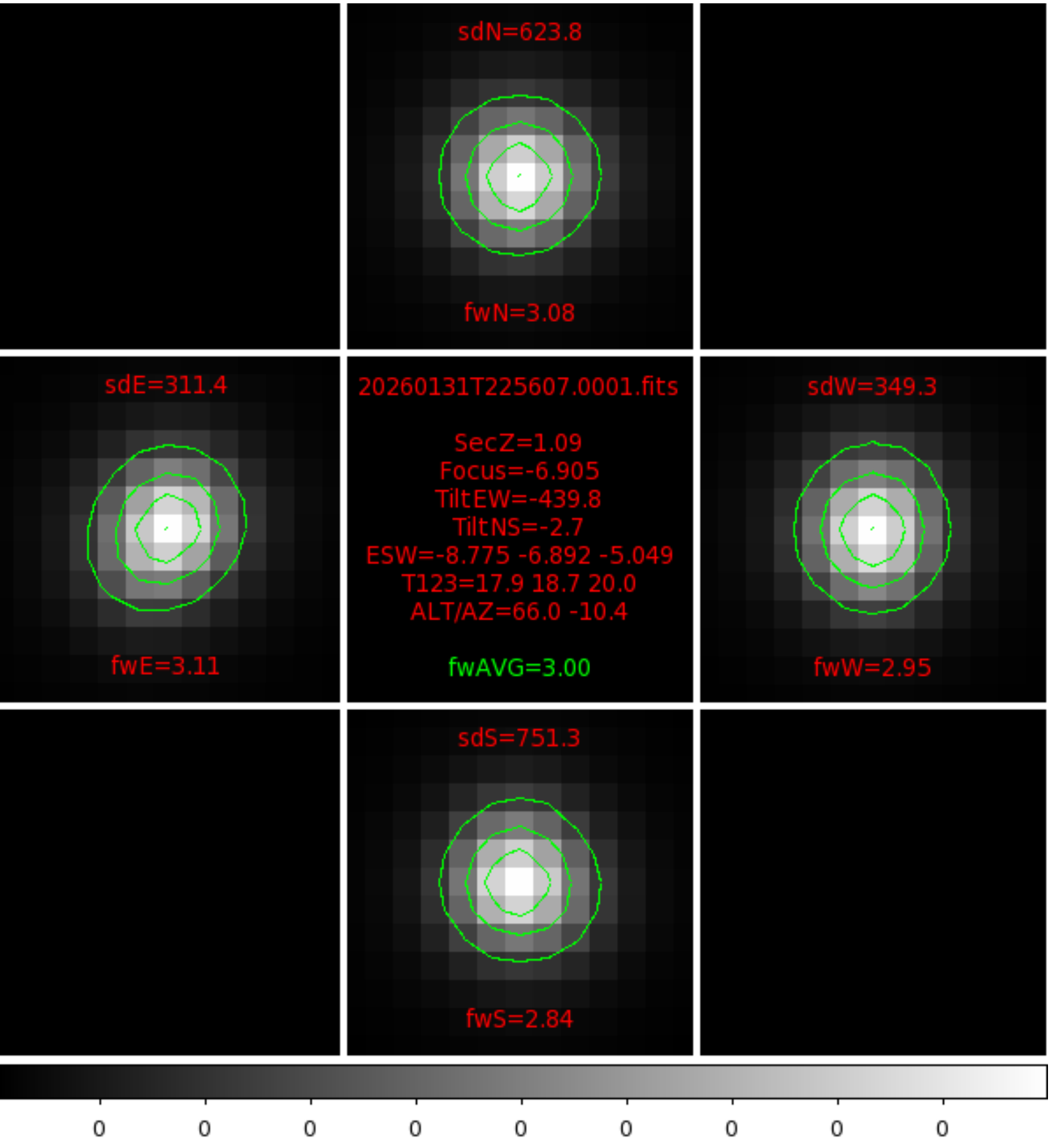

sdN=371.3
fwN=3.16
sdE=178.9
fwE=3.05
20260131T225536.0001.fits
SecZ=1.09
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=17.9 18.7 20.0
ALT/AZ=66.0 -10.3
fwAVG=2.97
sdW=208.2
fwW=2.77
sdS=543.8
fwS=2.88
0 0 0 0 0 0 0 0 0


sdN=623.8
fwN=3.08
sdE=311.4
fwE=3.11
20260131T225607.0001.fits
SecZ=1.09
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=17.9 18.7 20.0
ALT/AZ=66.0 -10.4
fwAVG=3.00
sdW=349.3
fwW=2.95
sdS=751.3
fwS=2.84
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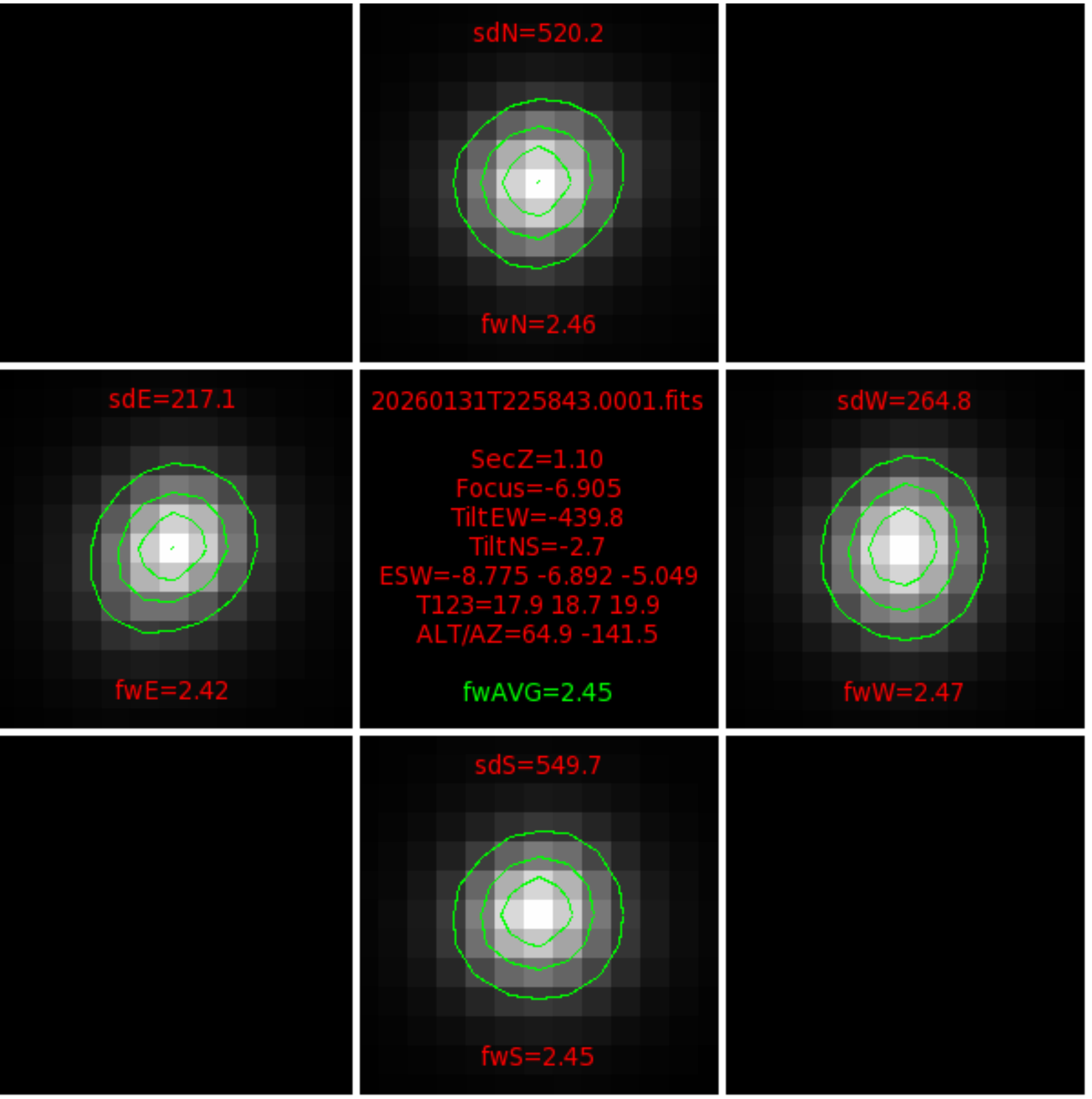
sdN=520.2
fwN=2.46
sdE=217.1
fwE=2.42
20260131T225843.0001.fits
SecZ=1.10
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=17.9 18.7 19.9
ALT/AZ=64.9 -141.5
fwAVG=2.45
sdW=264.8
fwW=2.47
sdS=549.7
fwS=2.45
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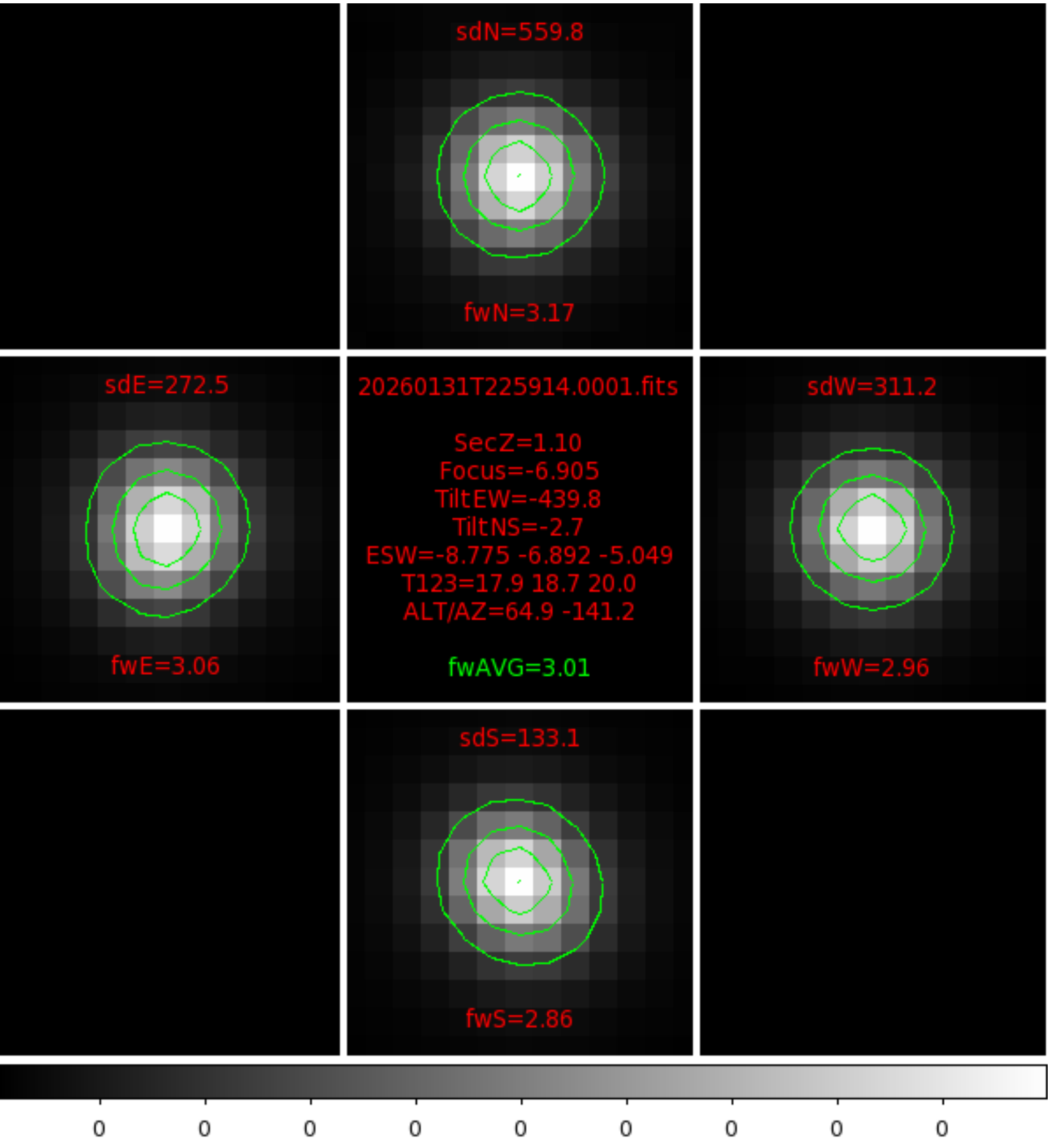
sdN=559.8
fwN=3.17
sdE=272.5
fwE=3.06
20260131T225914.0001.fits
SecZ=1.10
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=17.9 18.7 20.0
ALT/AZ=64.9 -141.2
fwAVG=3.01
sdW=311.2
fwW=2.96
sdS=133.1
fwS=2.86
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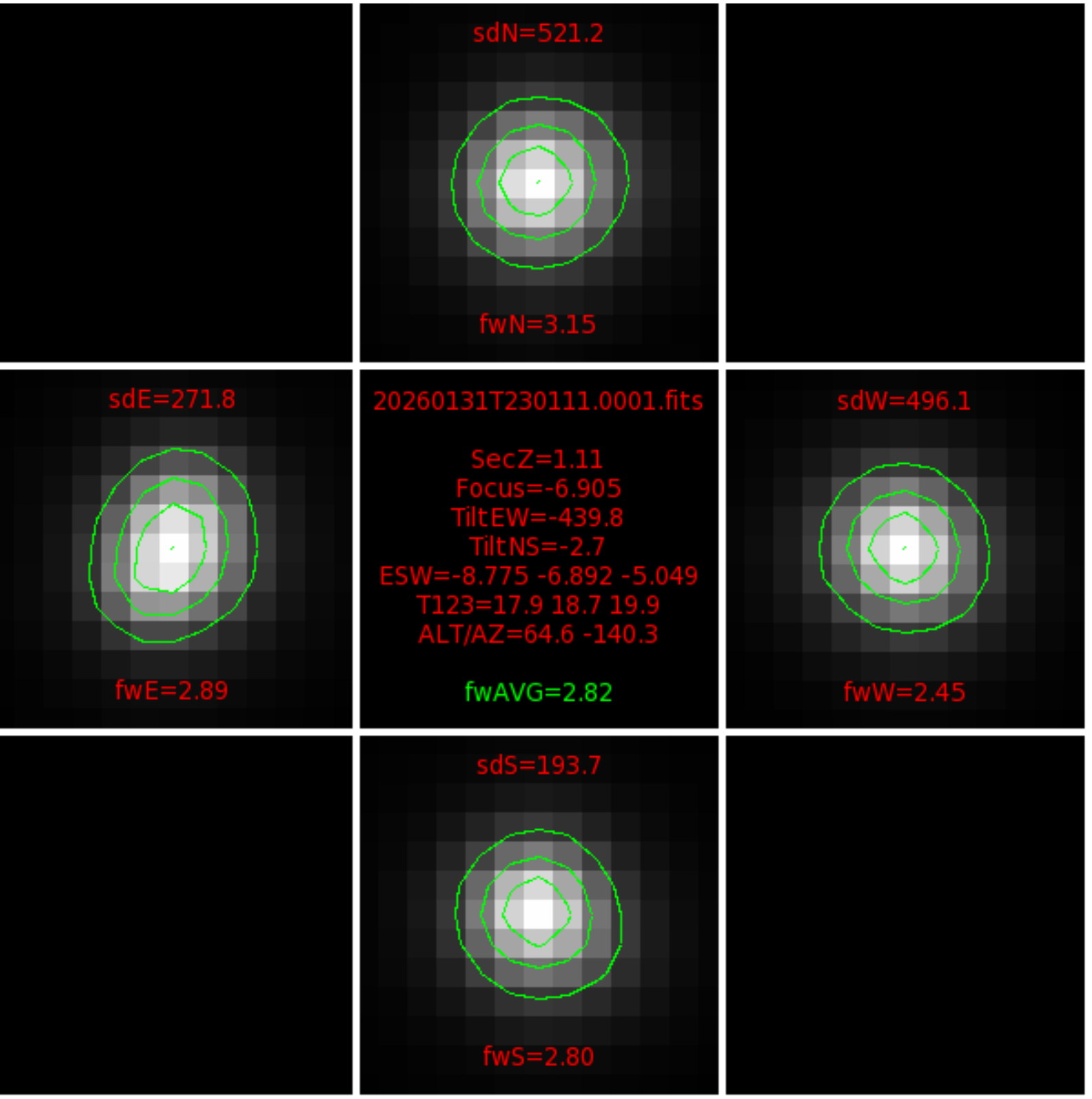
sdN=521.2
fwN=3.15
sdE=271.8
fwE=2.89
20260131T230111.0001.fits
SecZ=1.11
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=17.9 18.7 19.9
ALT/AZ=64.6 -140.3
fwAVG=2.82
sdW=496.1
fwW=2.45
sdS=193.7
fwS=2.80
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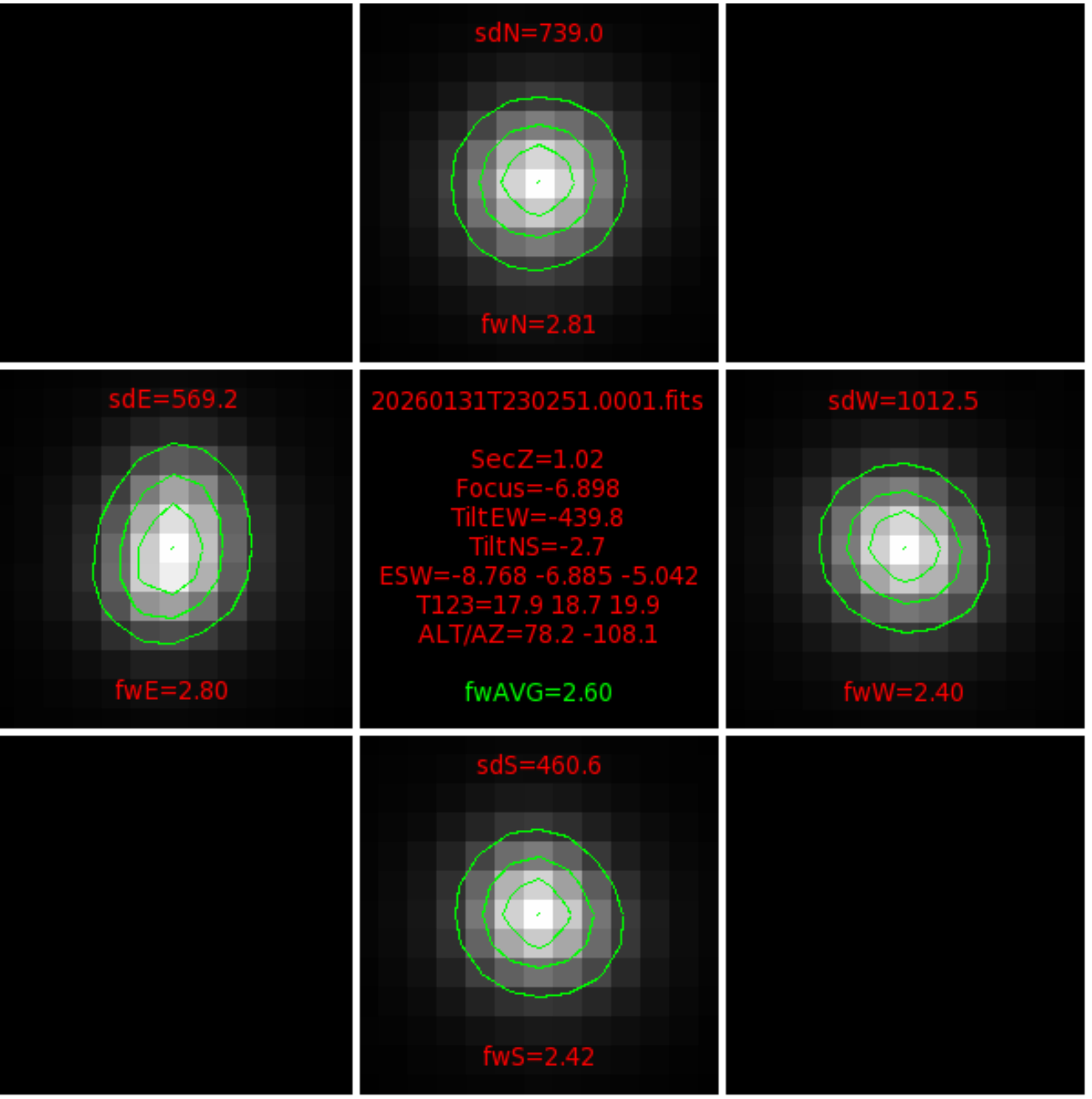
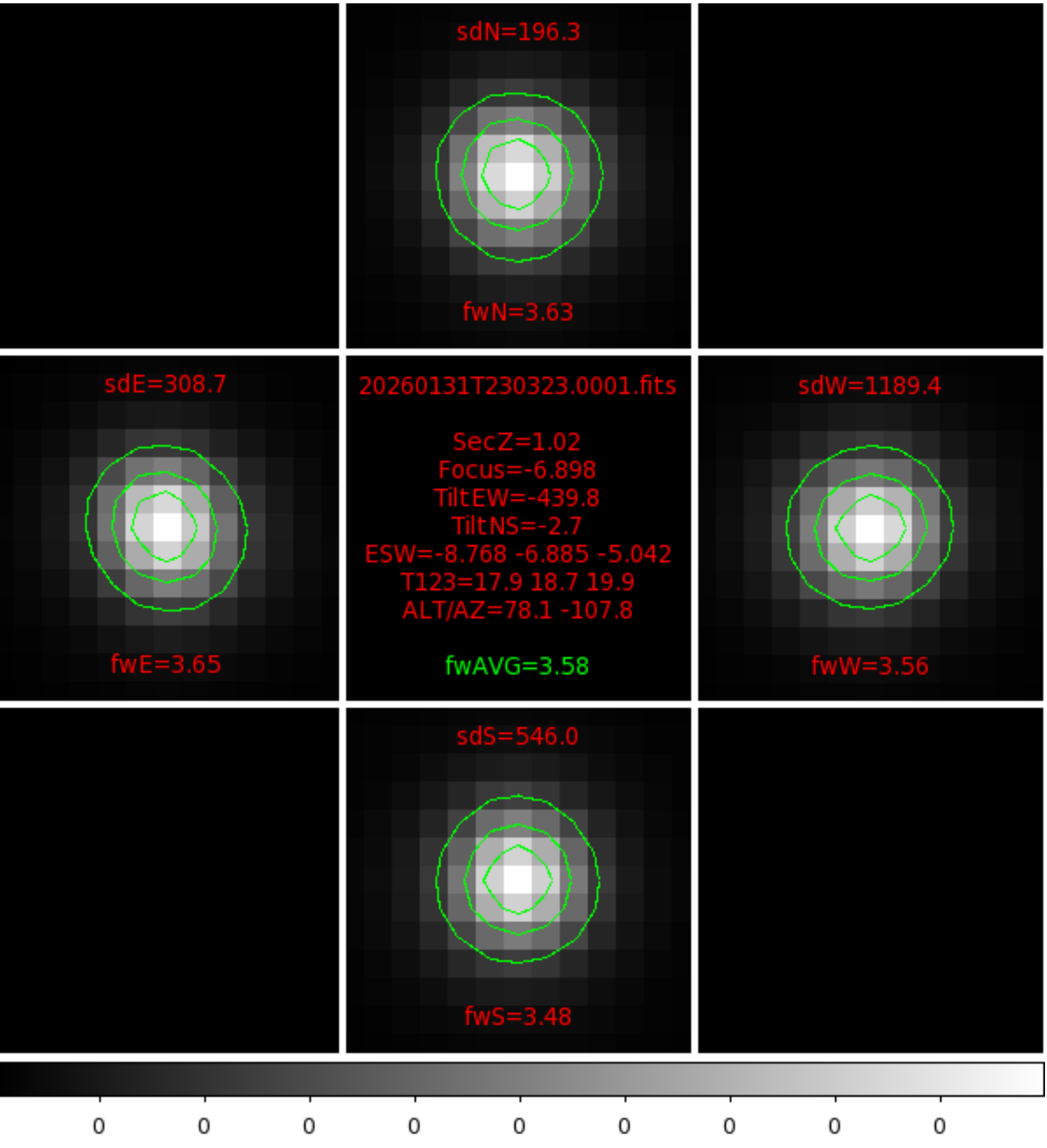

sdN=739.0
fwN=2.81
sdE=569.2
fwE=2.80
20260131T230251.0001.fits
SecZ=1.02
Focus=-6.898
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.768 -6.885 -5.042
T123=17.9 18.7 19.9
ALT/AZ=78.2 -108.1
fwAVG=2.60
sdW=1012.5
fwW=2.40
sdS=460.6
fwS=2.42
0 0 0 0 0 0 0 0 0


sdN=196.3
fwN=3.63
sdE=308.7
fwE=3.65
20260131T230323.0001.fits
SecZ=1.02
Focus=-6.898
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.768 -6.885 -5.042
T123=17.9 18.7 19.9
ALT/AZ=78.1 -107.8
fwAVG=3.58
sdW=1189.4
fwW=3.56
sdS=546.0
fwS=3.48
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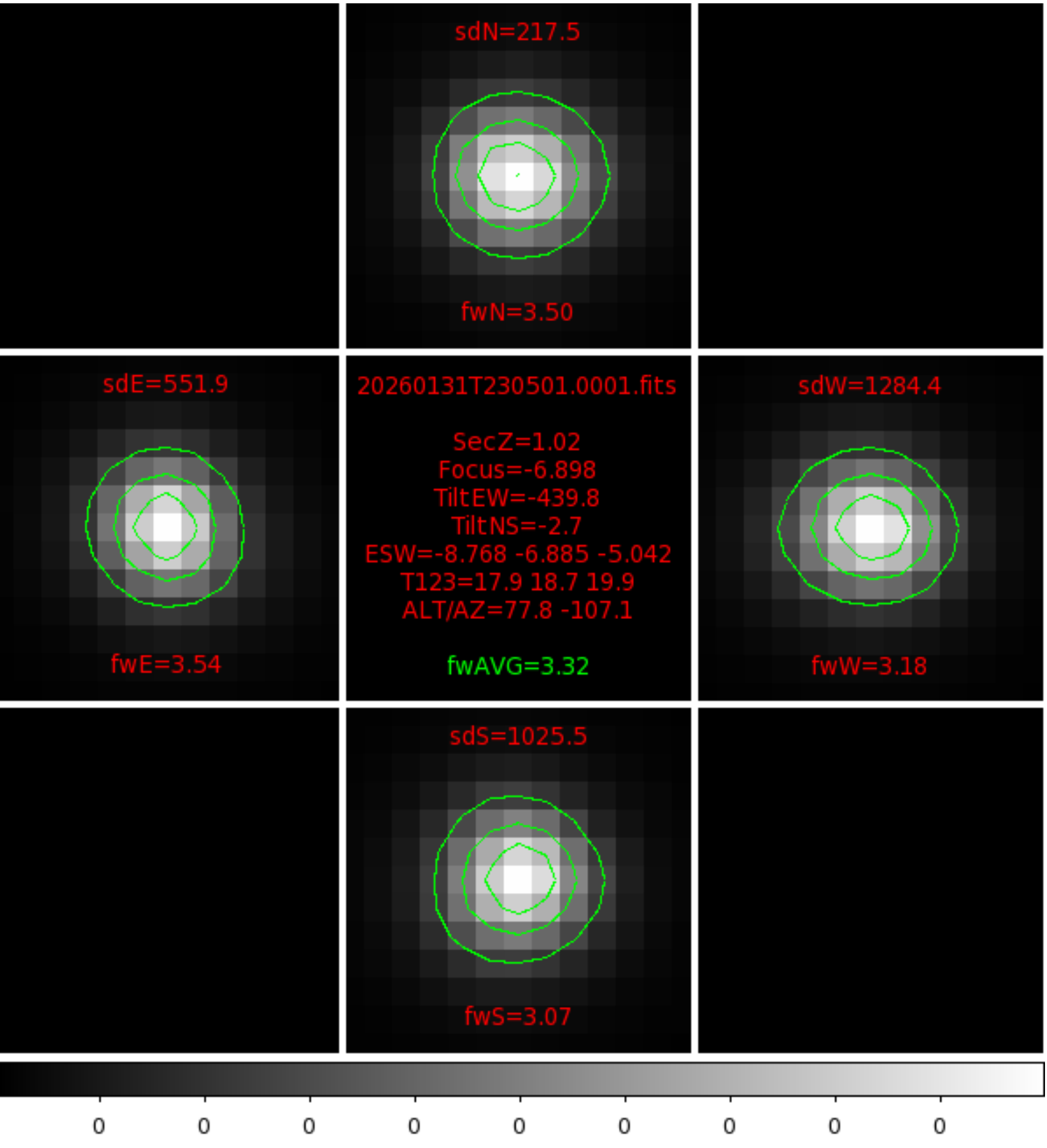
sdN=217.5
fwN=3.50
sdE=551.9
fwE=3.54
20260131T230501.0001.fits
SecZ=1.02
Focus=-6.898
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.768 -6.885 -5.042
T123=17.9 18.7 19.9
ALT/AZ=77.8 -107.1
fwAVG=3.32
sdW=1284.4
fwW=3.18
sdS=1025.5
fwS=3.07
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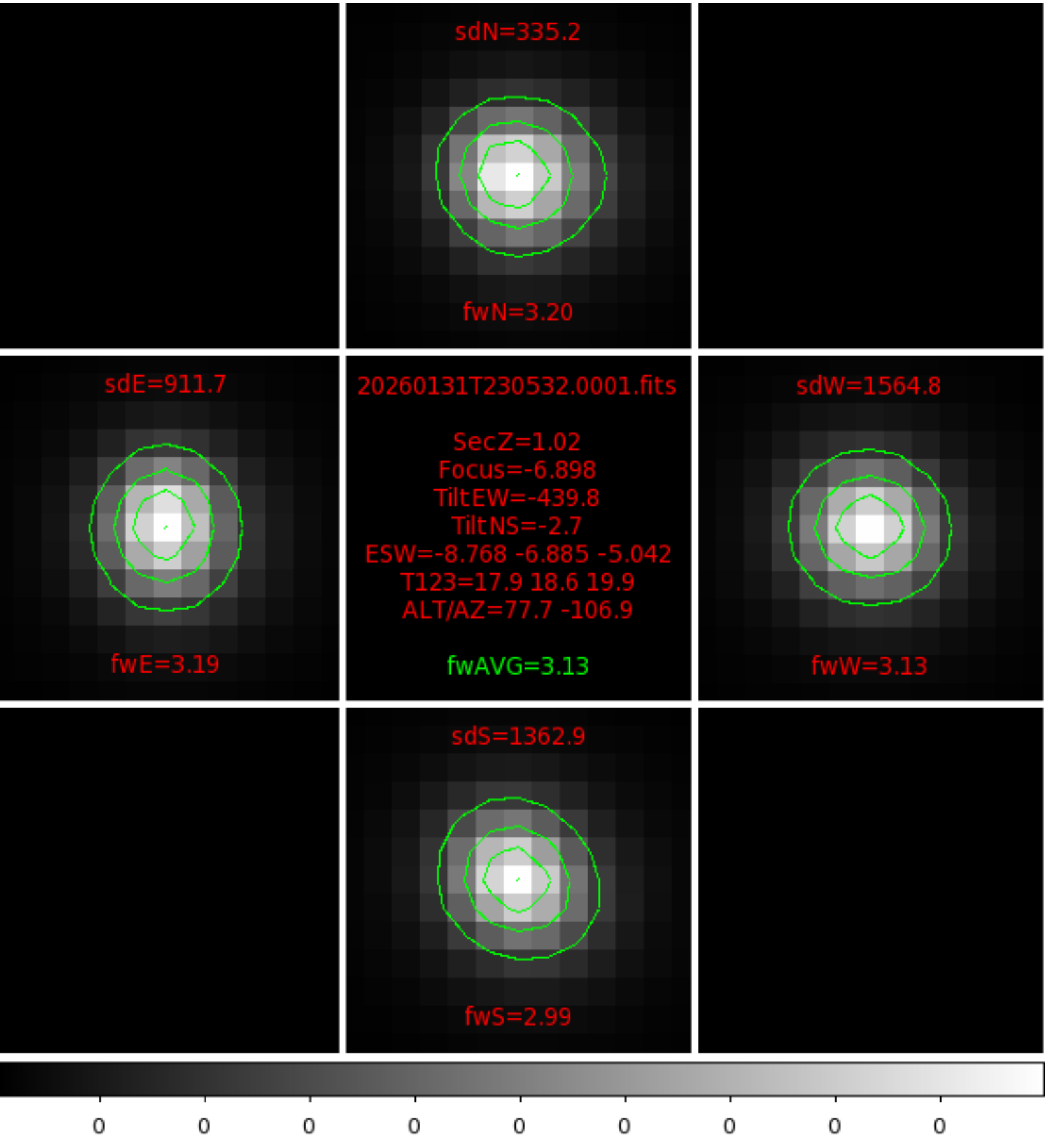
sdN=335.2
fwN=3.20
sdE=911.7
fwE=3.19
20260131T230532.0001.fits
SecZ=1.02
Focus=-6.898
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.768 -6.885 -5.042
T123=17.9 18.6 19.9
ALT/AZ=77.7 -106.9
fwAVG=3.13
sdW=1564.8
fwW=3.13
sdS=1362.9
fwS=2.99
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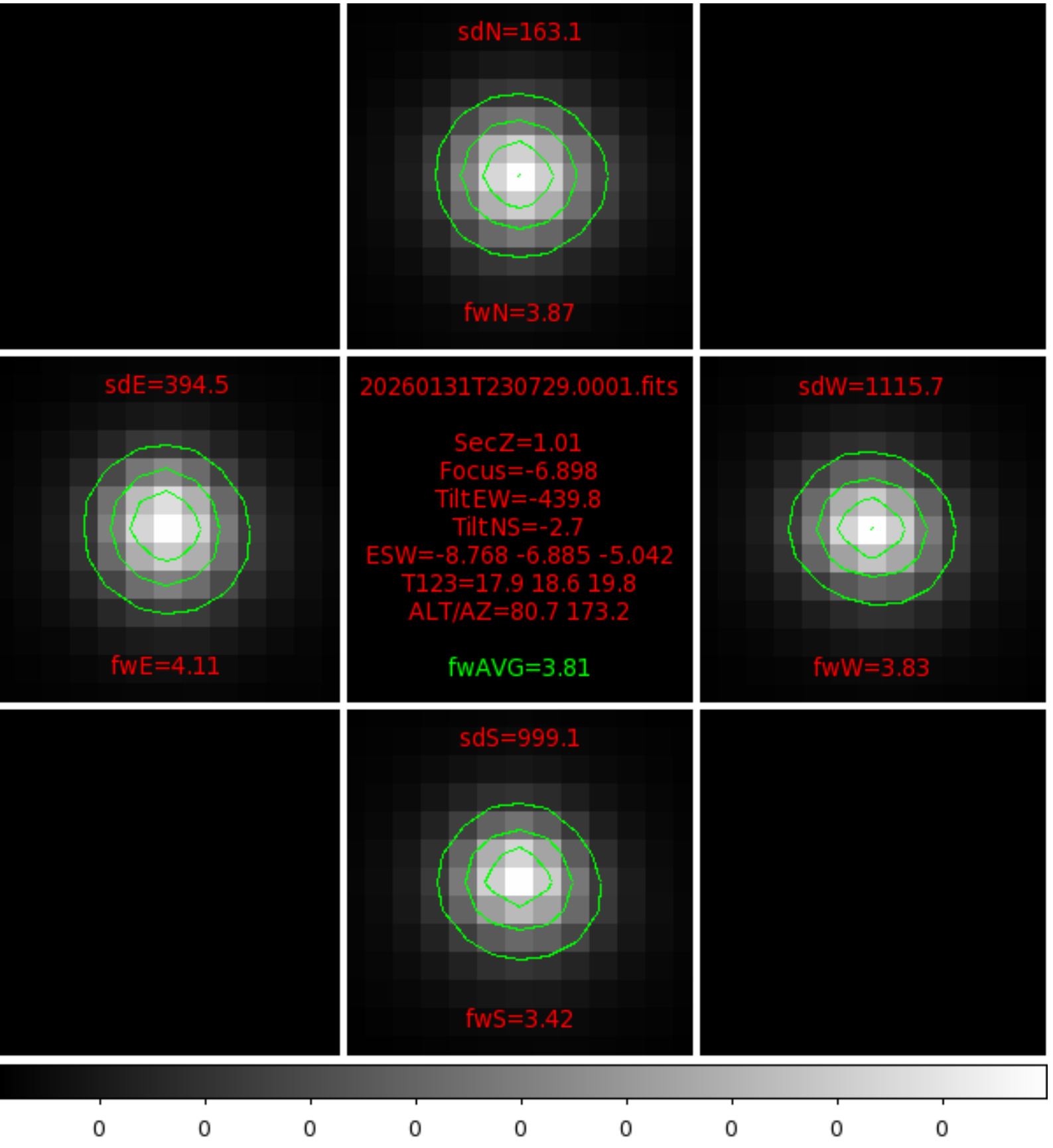
sdN=163.1
fwN=3.87
sdE=394.5
fwE=4.11
20260131T230729.0001.fits
SecZ=1.01
Focus=-6.898
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.768 -6.885 -5.042
T123=17.9 18.6 19.8
ALT/AZ=80.7 173.2
fwAVG=3.81
sdW=1115.7
fwW=3.83
sdS=999.1
fwS=3.42
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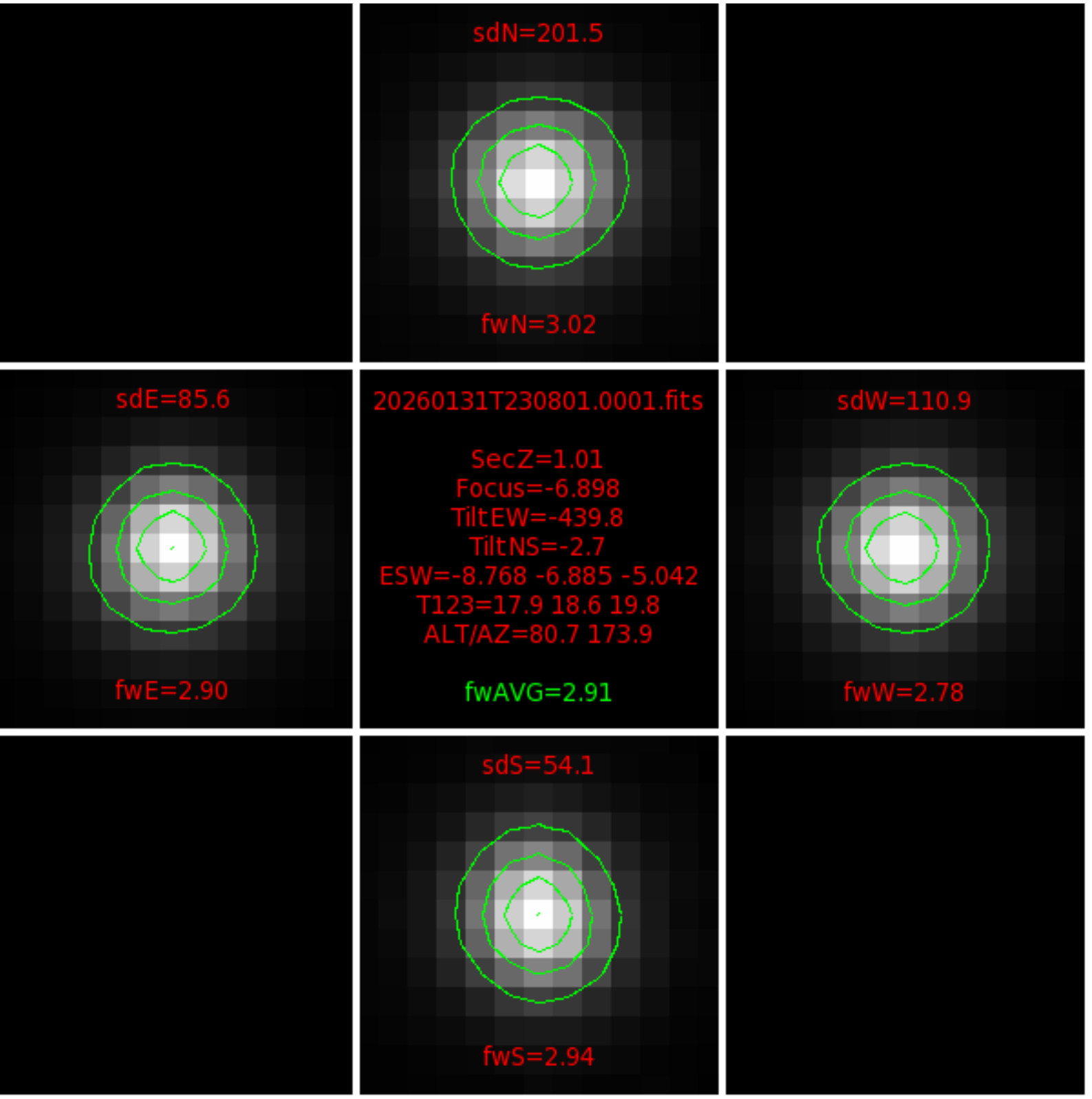
sdN=201.5
fwN=3.02
sdE=85.6
fwE=2.90
20260131T230801.0001.fits
SecZ=1.01
Focus=-6.898
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.768 -6.885 -5.042
T123=17.9 18.6 19.8
ALT/AZ=80.7 173.9
fwAVG=2.91
sdW=110.9
fwW=2.78
sdS=54.1
fwS=2.94
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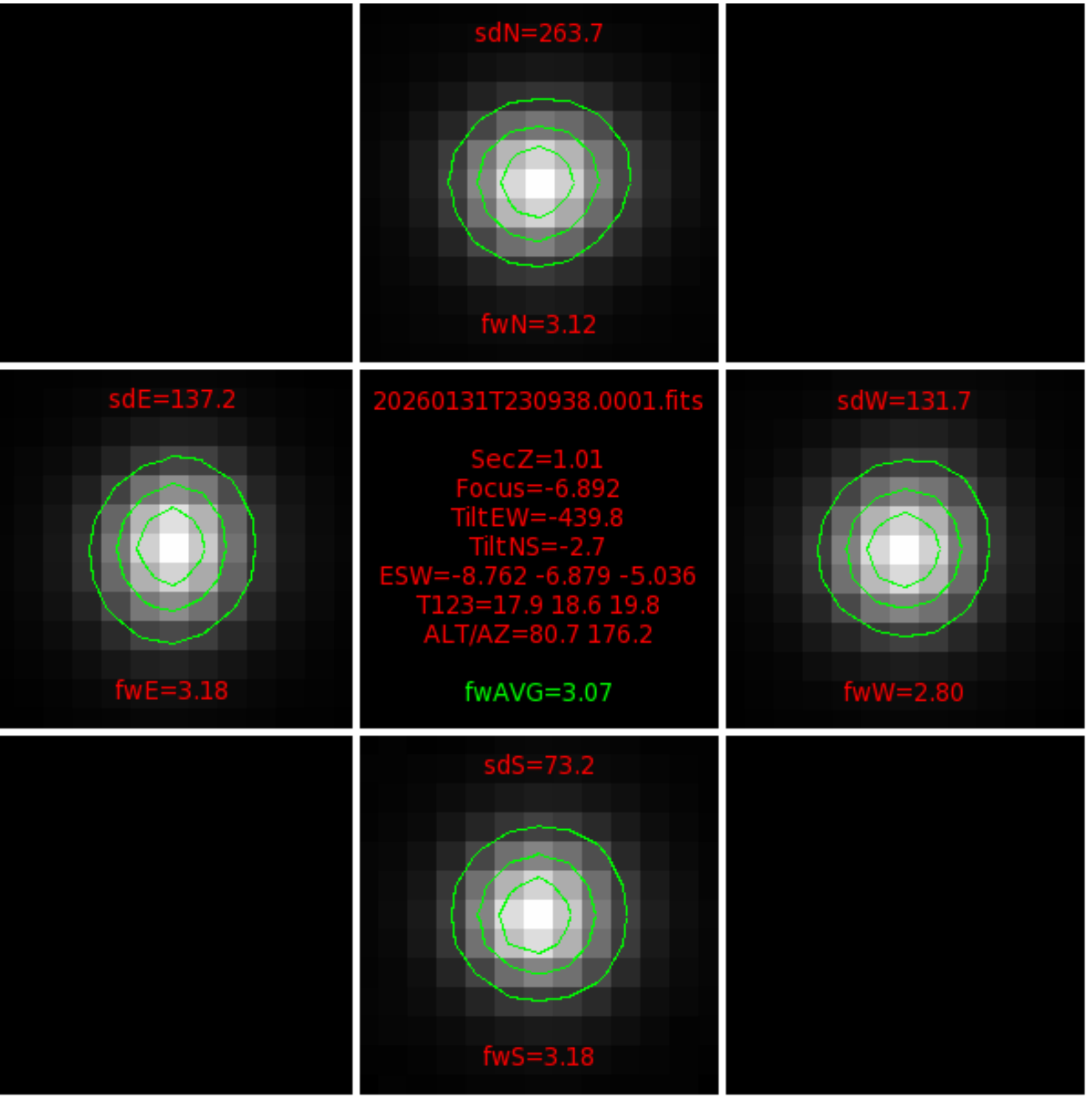
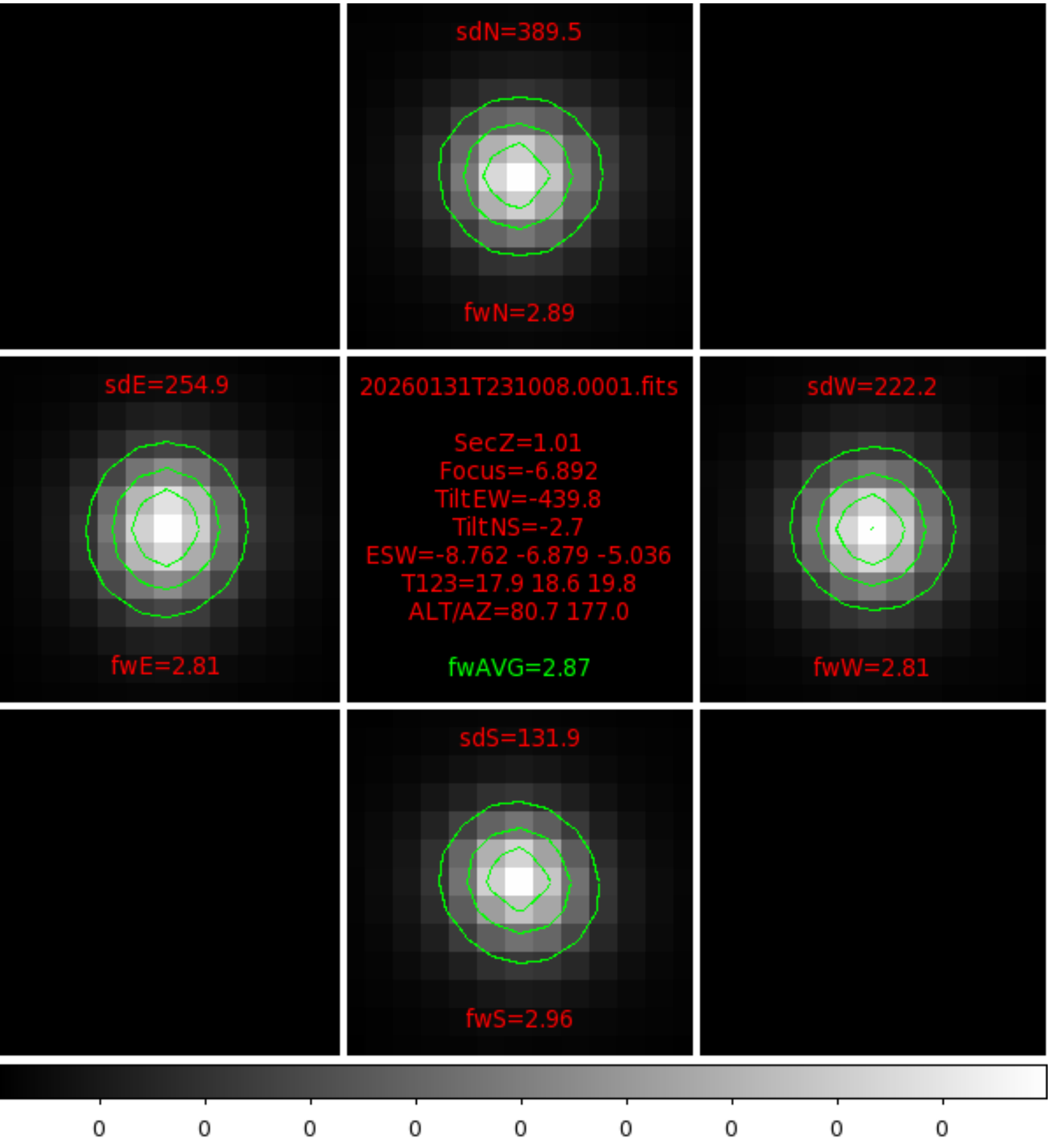

sdN=263.7
fwN=3.12
sdE=137.2
fwE=3.18
20260131T230938.0001.fits
SecZ=1.01
Focus=-6.892
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.762 -6.879 -5.036
T123=17.9 18.6 19.8
ALT/AZ=80.7 176.2
fwAVG=3.07
sdW=131.7
fwW=2.80
sdS=73.2
fwS=3.18
0 0 0 0 0 0 0 0 0


sdN=389.5
fwN=2.89
sdE=254.9
fwE=2.81
20260131T231008.0001.fits
SecZ=1.01
Focus=-6.892
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.762 -6.879 -5.036
T123=17.9 18.6 19.8
ALT/AZ=80.7 177.0
fwAVG=2.87
sdW=222.2
fwW=2.81
sdS=131.9
fwS=2.96
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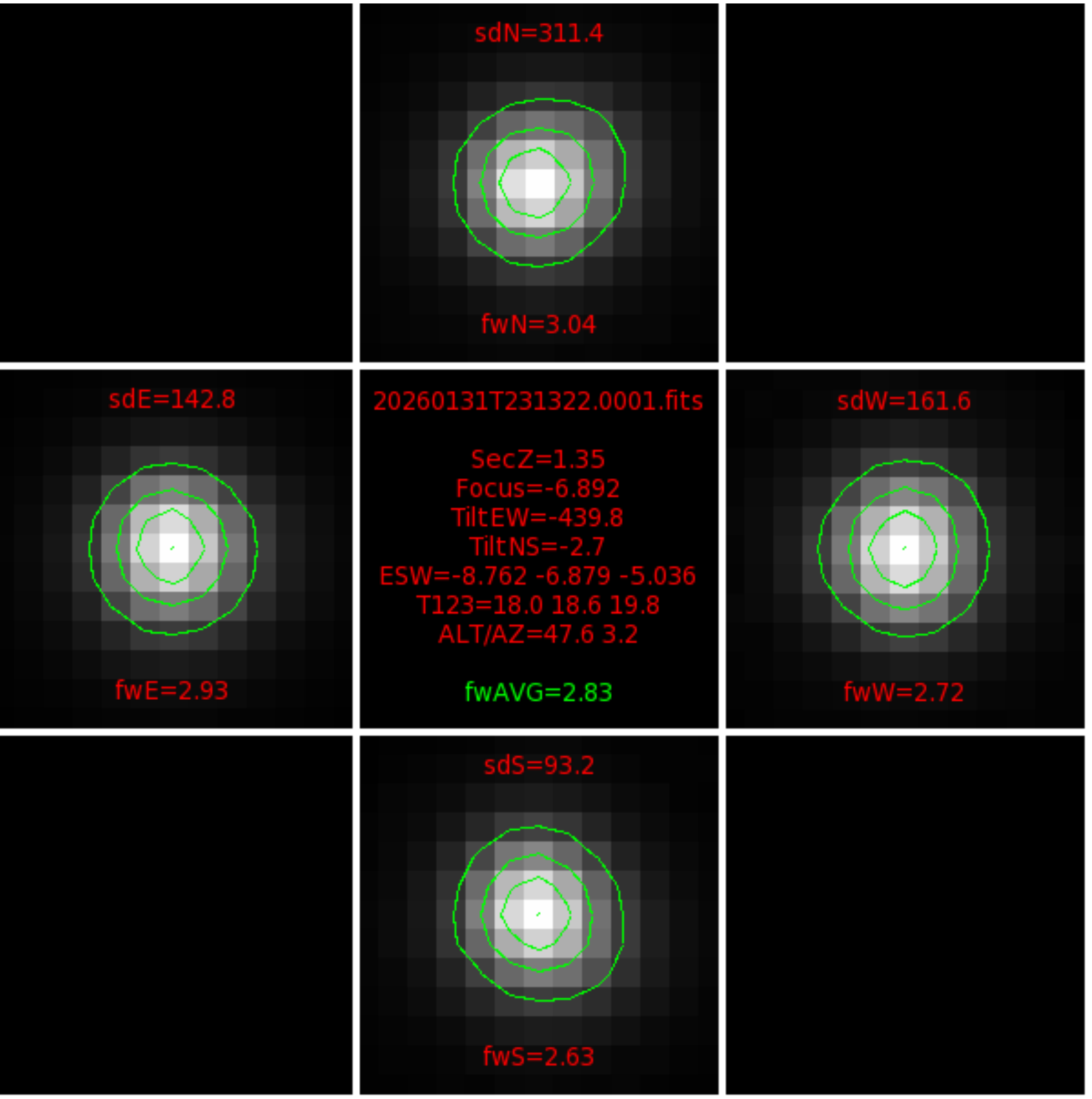
sdN=311.4
fwN=3.04
sdE=142.8
fwE=2.93
20260131T231322.0001.fits
SecZ=1.35
Focus=-6.892
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.762 -6.879 -5.036
T123=18.0 18.6 19.8
ALT/AZ=47.6 3.2
fwAVG=2.83
sdW=161.6
fwW=2.72
sdS=93.2
fwS=2.63
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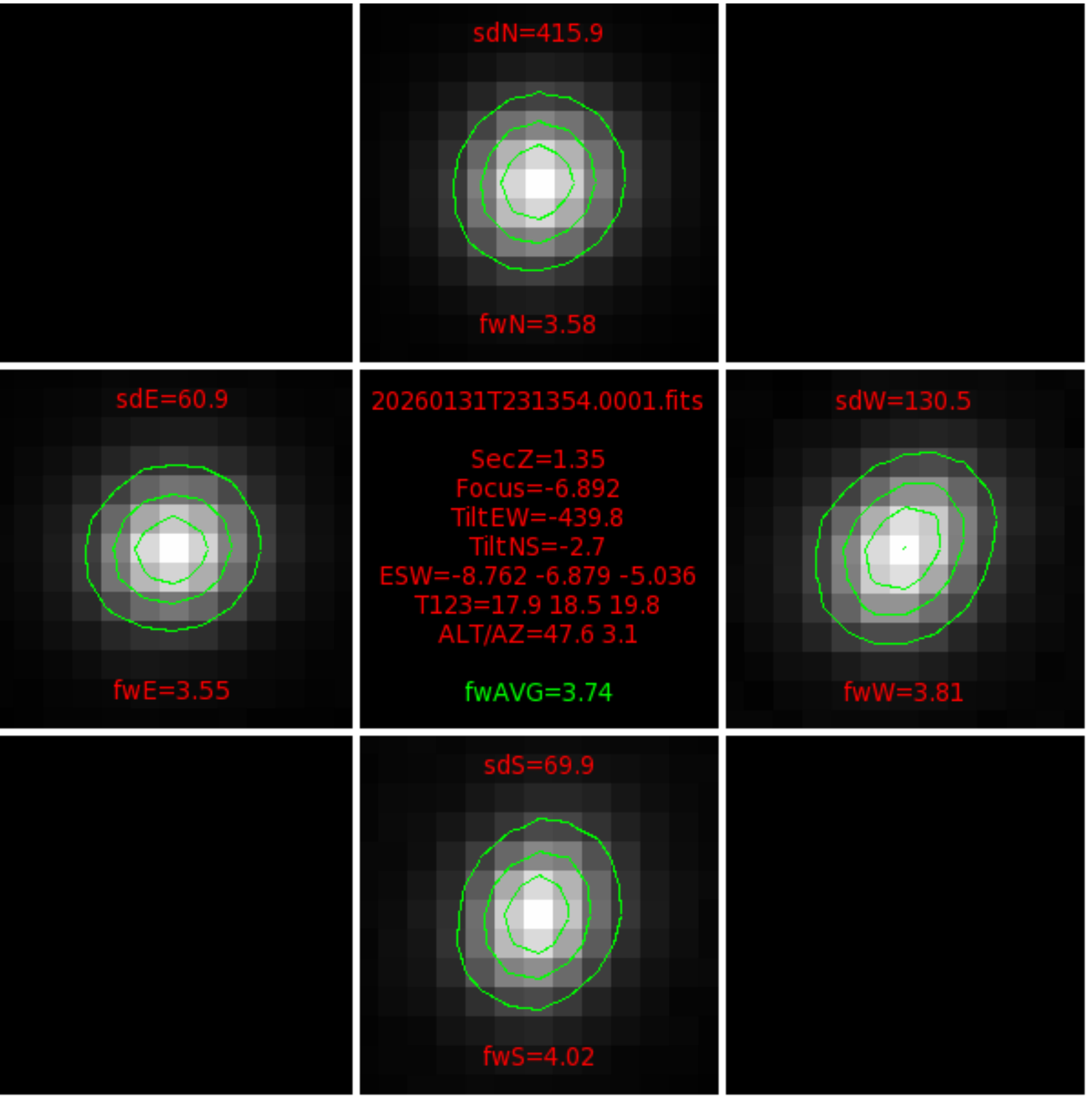
sdN=415.9
fwN=3.58
sdE=60.9
fwE=3.55
20260131T231354.0001.fits
SecZ=1.35
Focus=-6.892
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.762 -6.879 -5.036
T123=17.9 18.5 19.8
ALT/AZ=47.6 3.1
fwAVG=3.74
sdW=130.5
fwW=3.81
sdS=69.9
fwS=4.02
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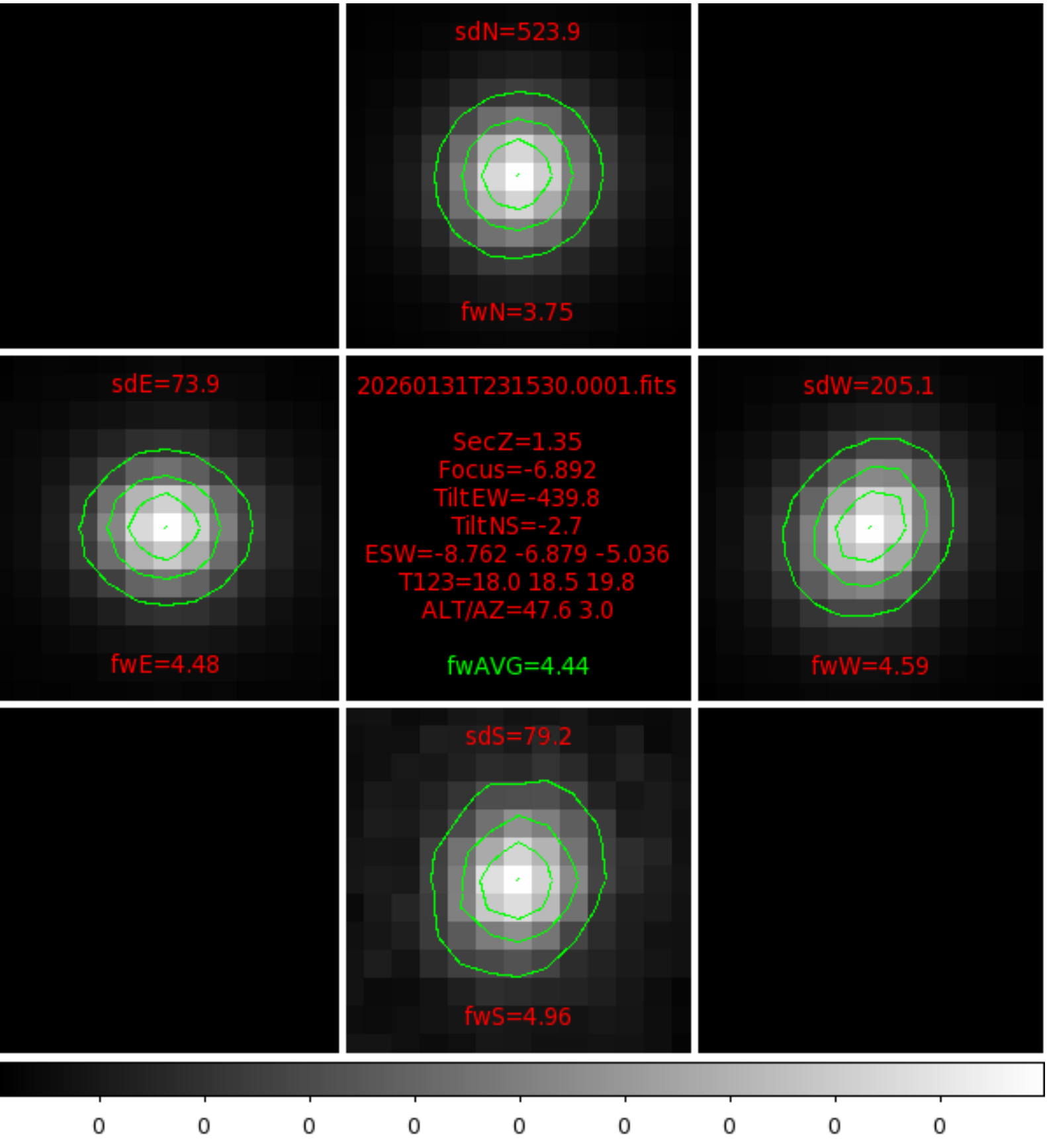
sdN=523.9
fwN=3.75
sdE=73.9
fwE=4.48
20260131T231530.0001.fits
SecZ=1.35
Focus=-6.892
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.762 -6.879 -5.036
T123=18.0 18.5 19.8
ALT/AZ=47.6 3.0
fwAVG=4.44
sdW=205.1
fwW=4.59
sdS=79.2
fwS=4.96
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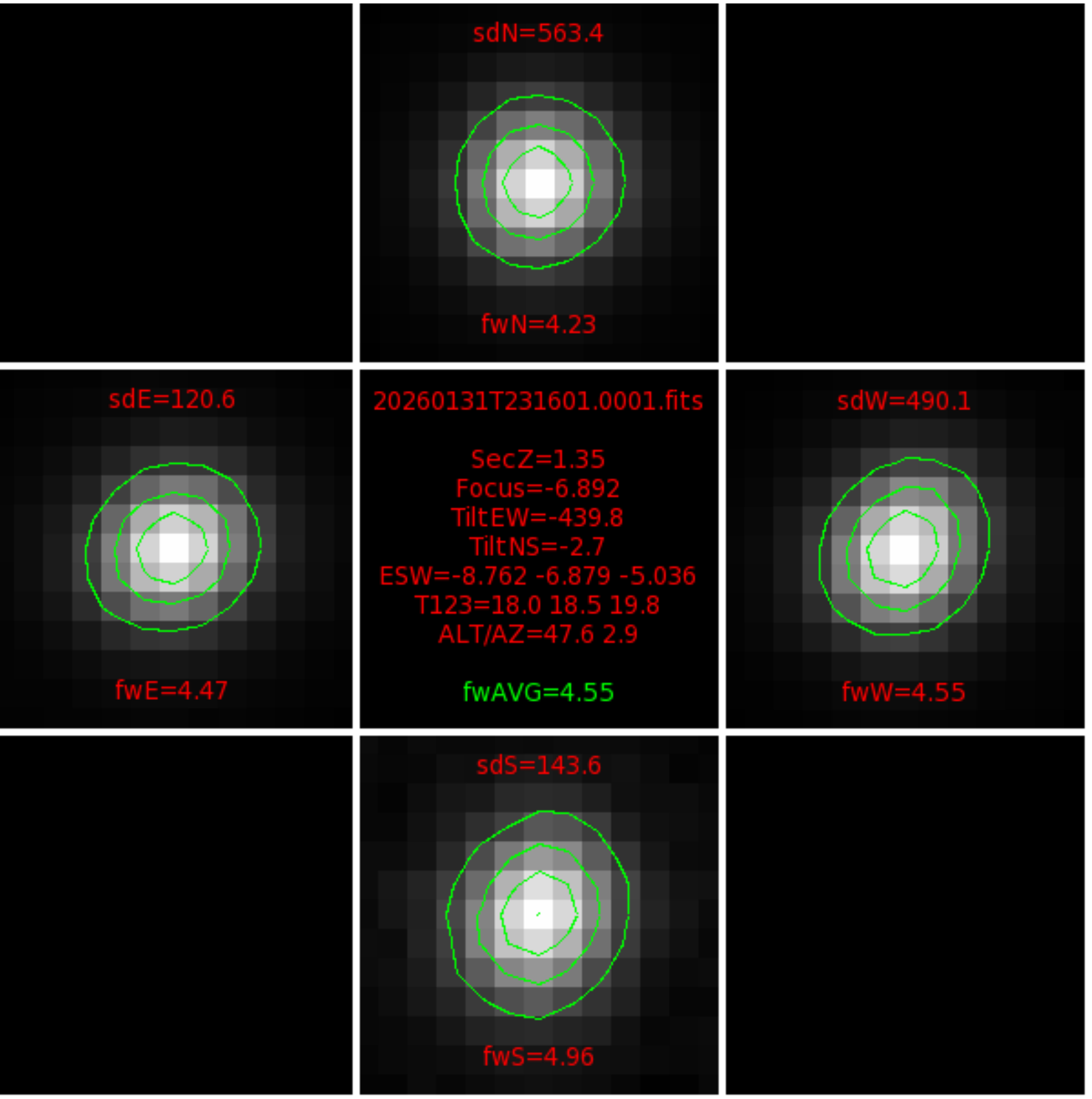
sdN=563.4
fwN=4.23
sdE=120.6
fwE=4.47
20260131T231601.0001.fits
SecZ=1.35
Focus=-6.892
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.762 -6.879 -5.036
T123=18.0 18.5 19.8
ALT/AZ=47.6 2.9
fwAVG=4.55
sdW=490.1
fwW=4.55
sdS=143.6
fwS=4.96
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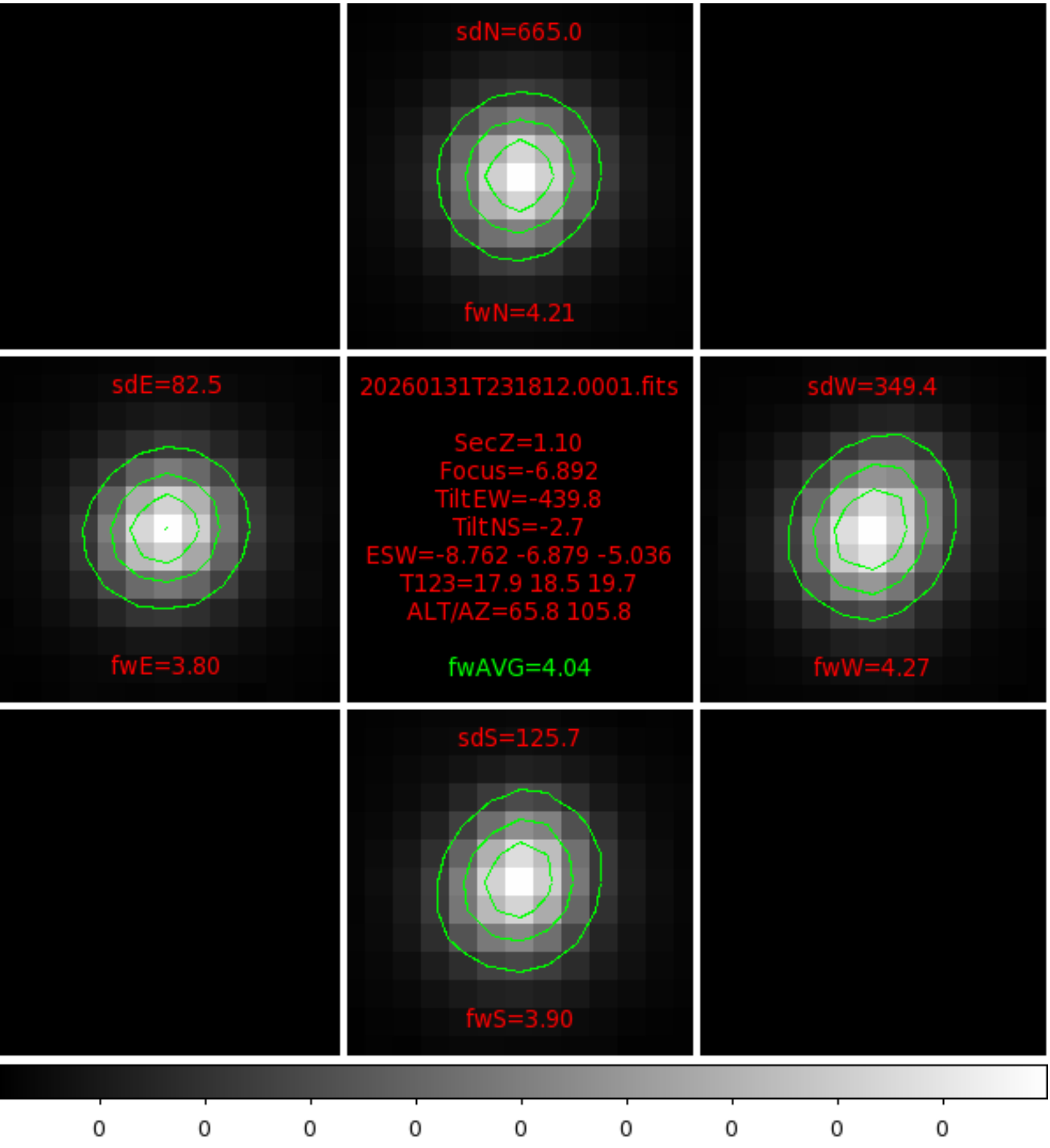
sdN=665.0
fwN=4.21
sdE=82.5
fwE=3.80
20260131T231812.0001.fits
SecZ=1.10
Focus=-6.892
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.762 -6.879 -5.036
T123=17.9 18.5 19.7
ALT/AZ=65.8 105.8
fwAVG=4.04
sdW=349.4
fwW=4.27
sdS=125.7
fwS=3.90
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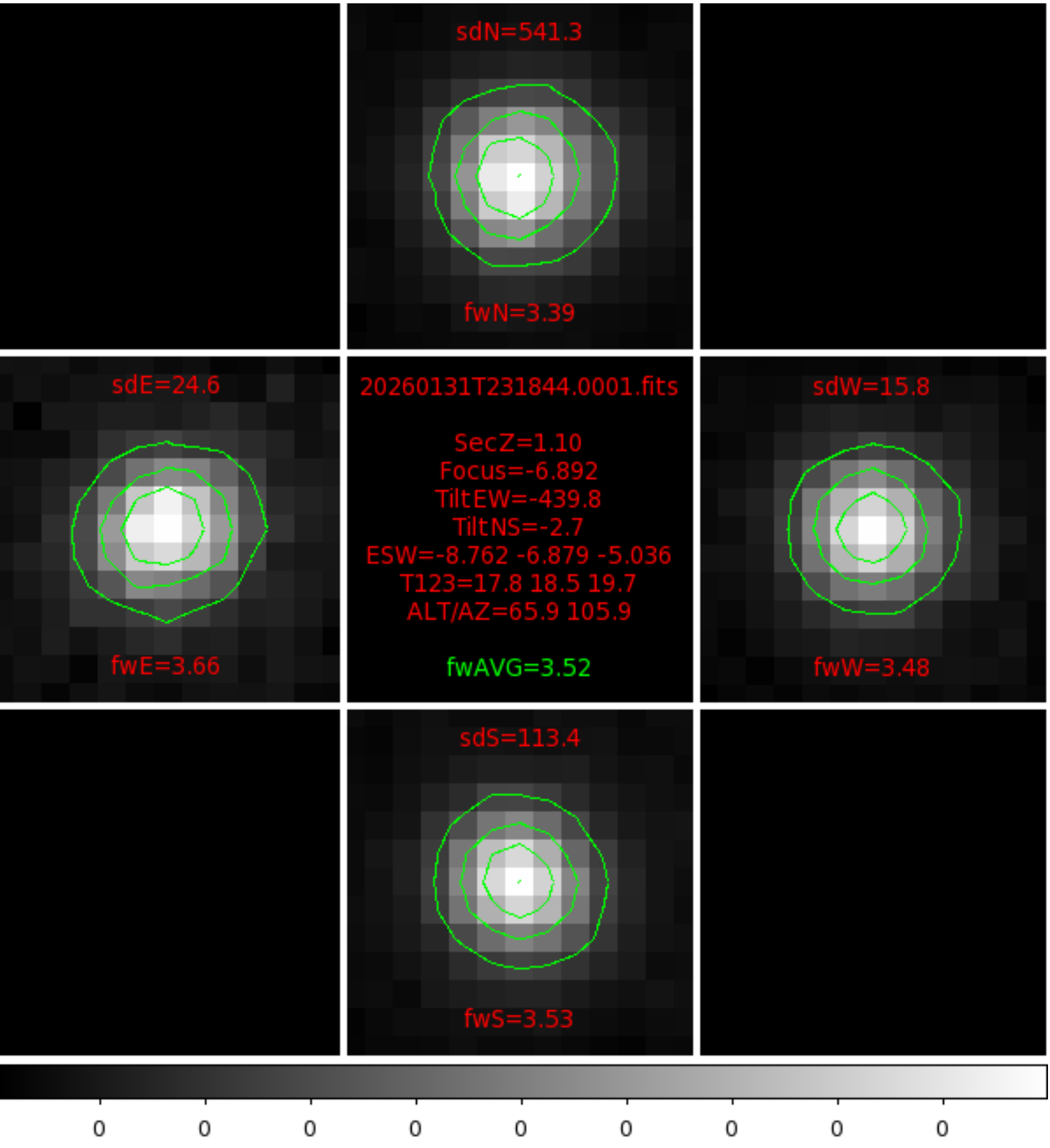
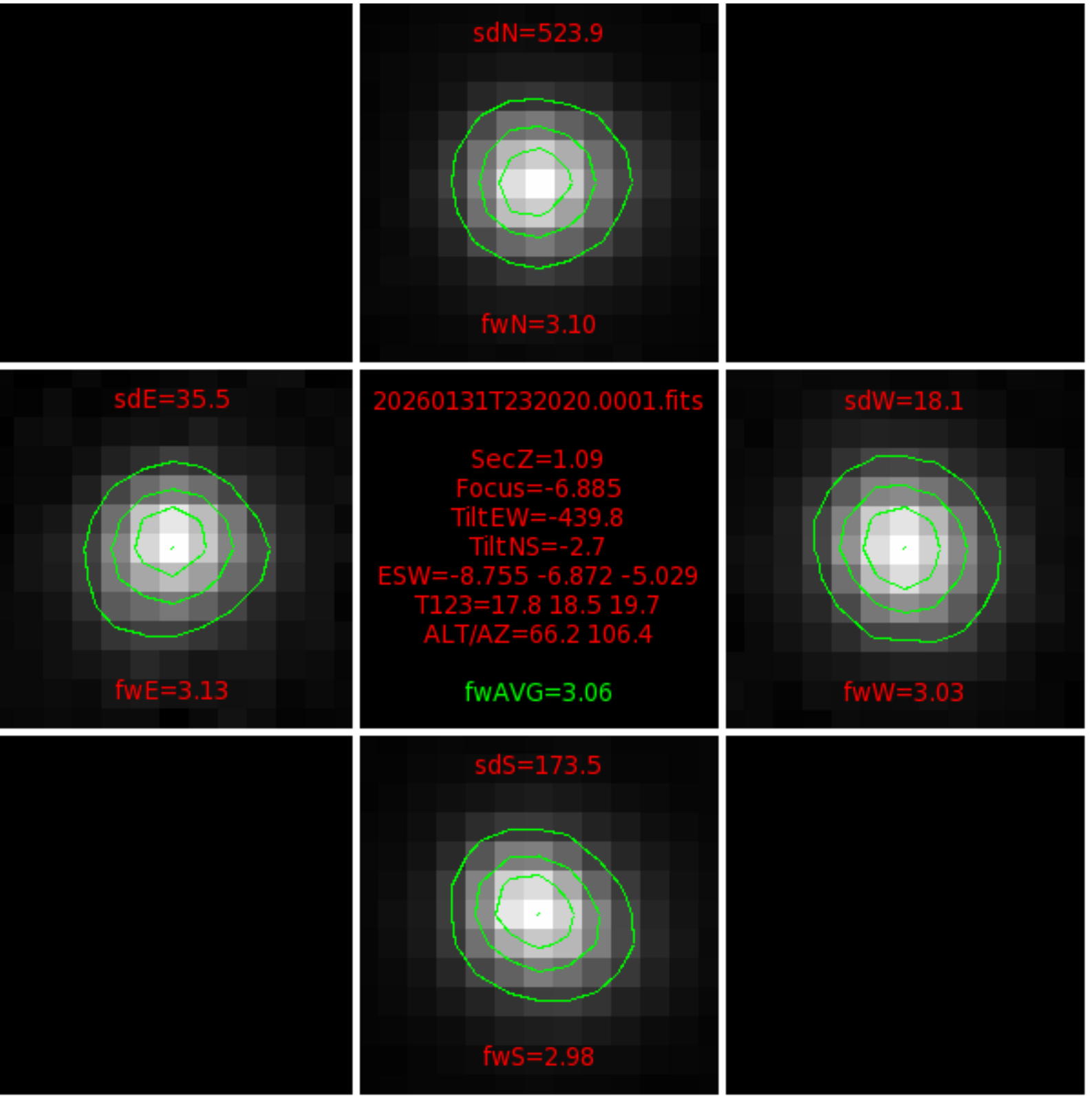

sdN=541.3
fwN=3.39
sdE=24.6
fwE=3.66
20260131T231844.0001.fits
SecZ=1.10
Focus=-6.892
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.762 -6.879 -5.036
T123=17.8 18.5 19.7
ALT/AZ=65.9 105.9
fwAVG=3.52
sdW=15.8
fwW=3.48
sdS=113.4
fwS=3.53
0 0 0 0 0 0 0 0 0


sdN=523.9
fwN=3.10
sdE=35.5
fwE=3.13
20260131T232020.0001.fits
SecZ=1.09
Focus=-6.885
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.755 -6.872 -5.029
T123=17.8 18.5 19.7
ALT/AZ=66.2 106.4
fwAVG=3.06
sdW=18.1
fwW=3.03
sdS=173.5
fwS=2.98
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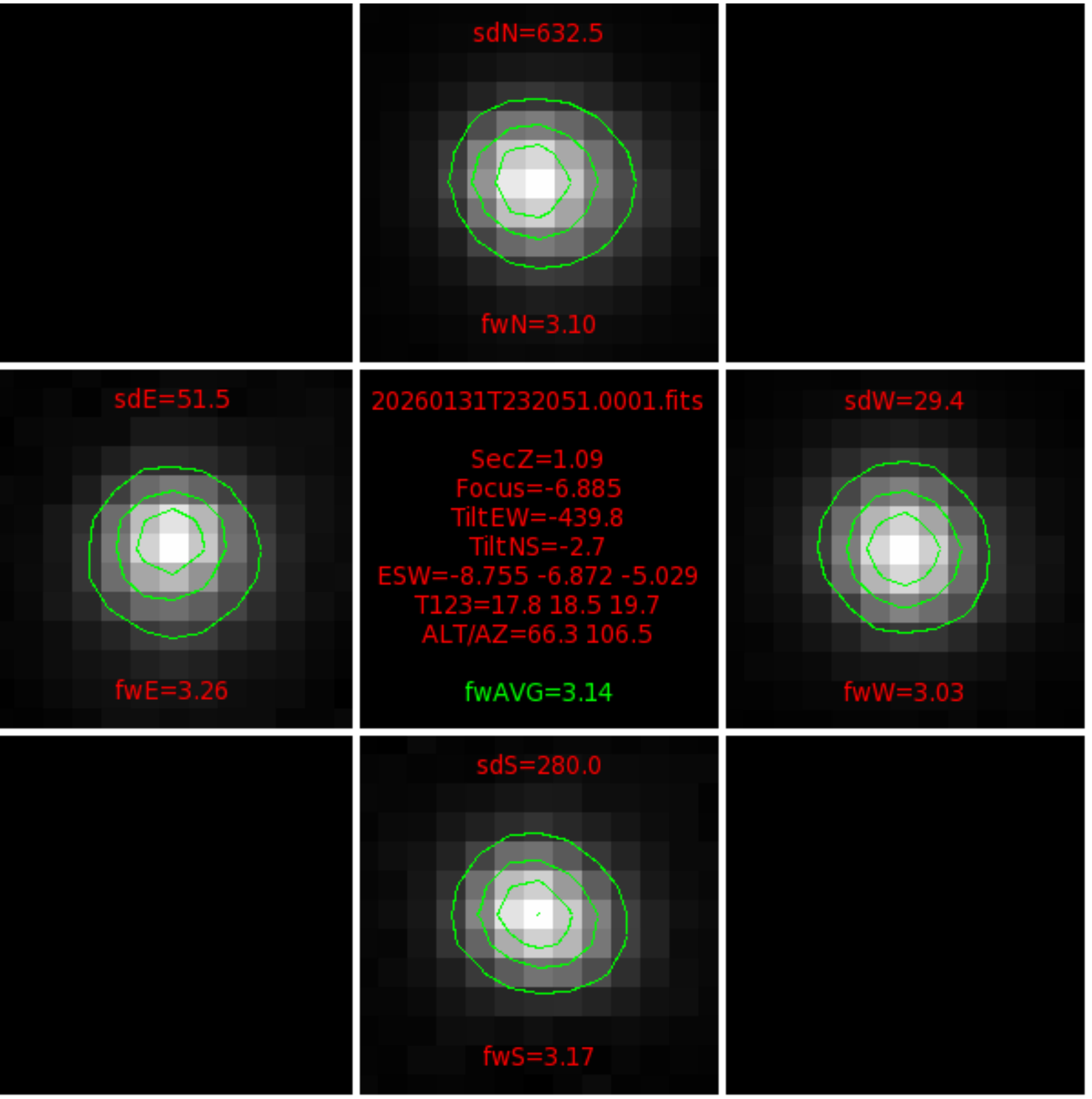
sdN=632.5
fwN=3.10
sdE=51.5
fwE=3.26
20260131T232051.0001.fits
SecZ=1.09
Focus=-6.885
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.755 -6.872 -5.029
T123=17.8 18.5 19.7
ALT/AZ=66.3 106.5
fwAVG=3.14
sdW=29.4
fwW=3.03
sdS=280.0
fwS=3.17
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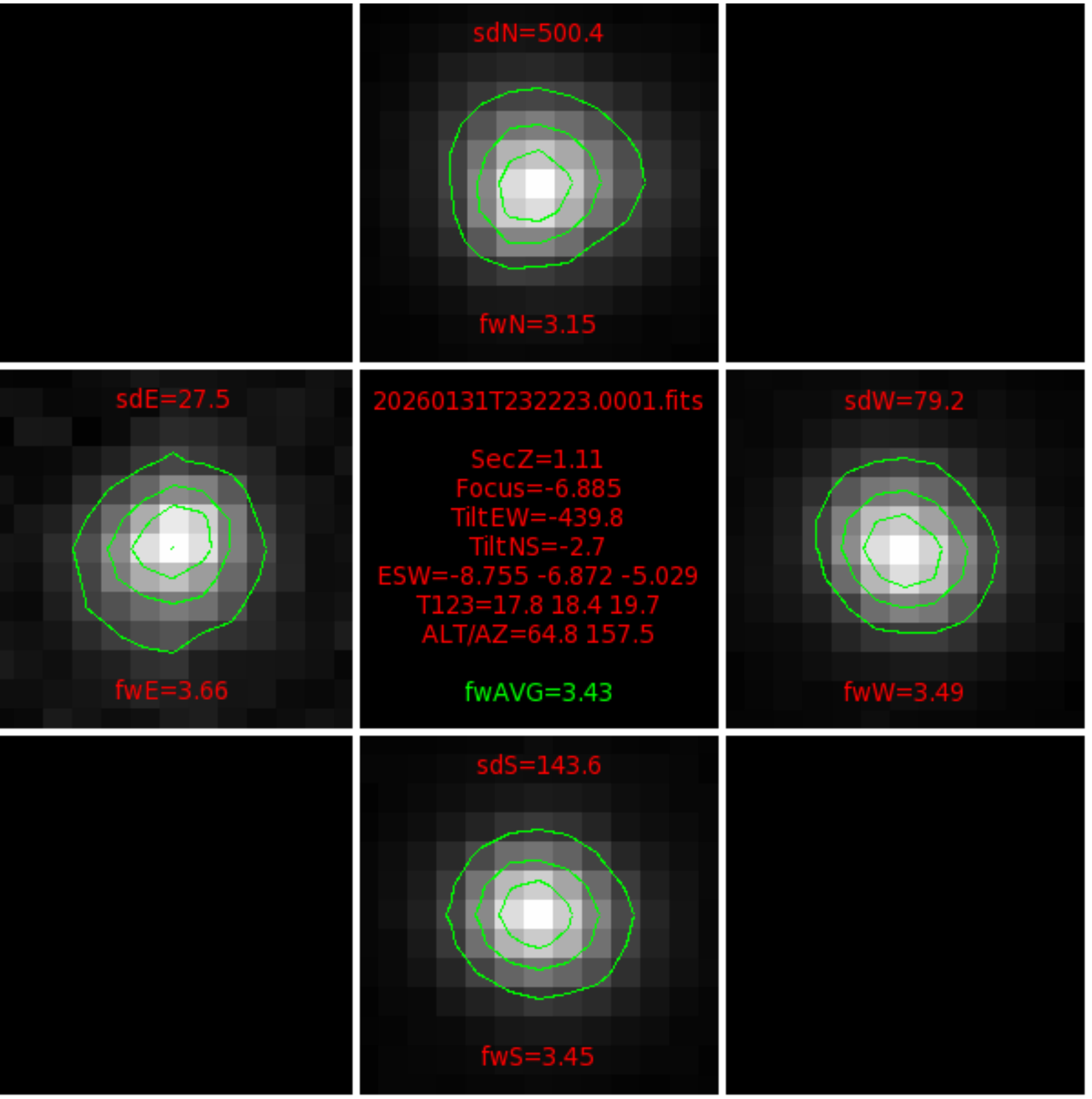
sdN=500.4
fwN=3.15
sdE=27.5
fwE=3.66
20260131T232223.0001.fits
SecZ=1.11
Focus=-6.885
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.755 -6.872 -5.029
T123=17.8 18.4 19.7
ALT/AZ=64.8 157.5
fwAVG=3.43
sdW=79.2
fwW=3.49
sdS=143.6
fwS=3.45
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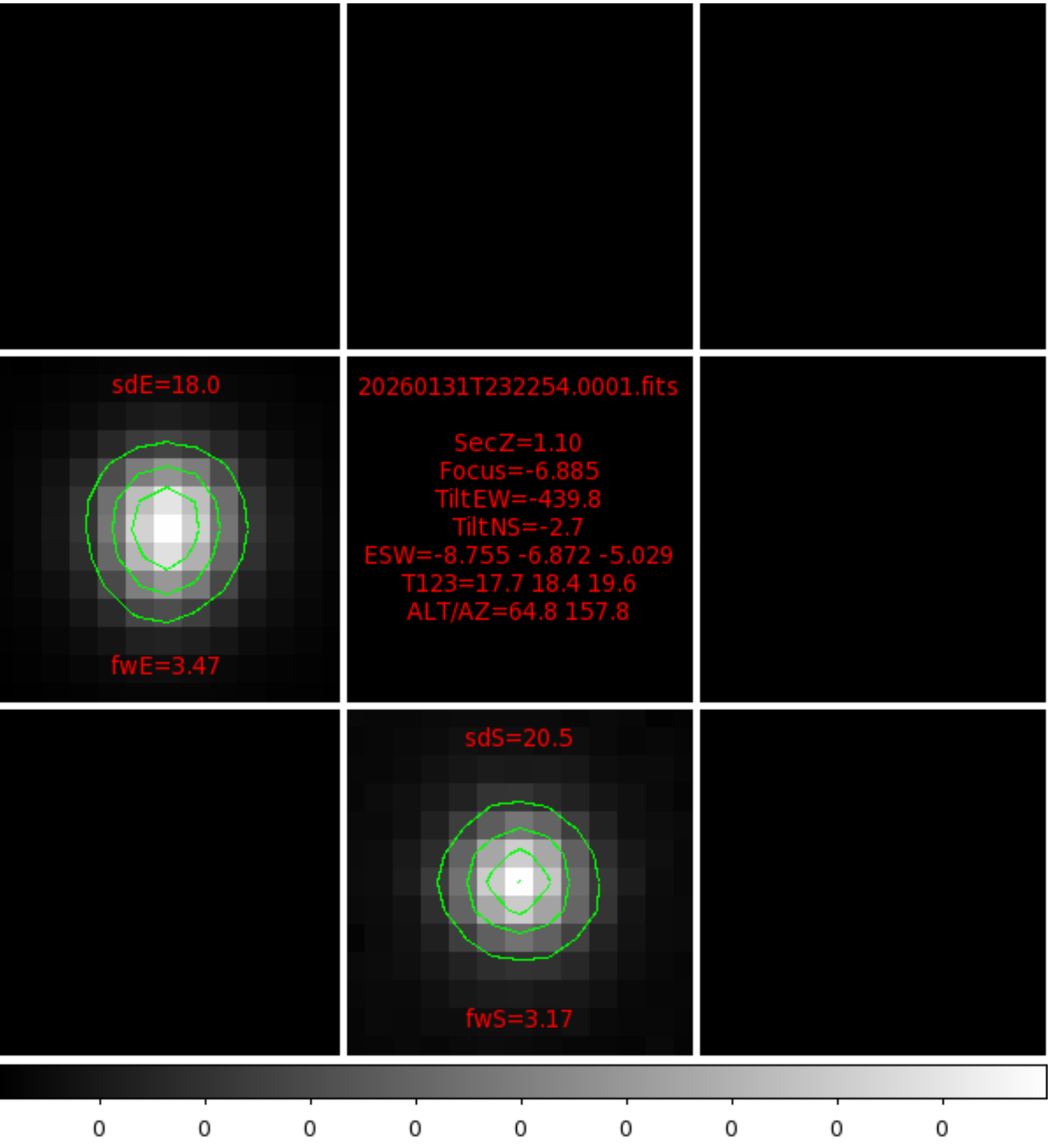
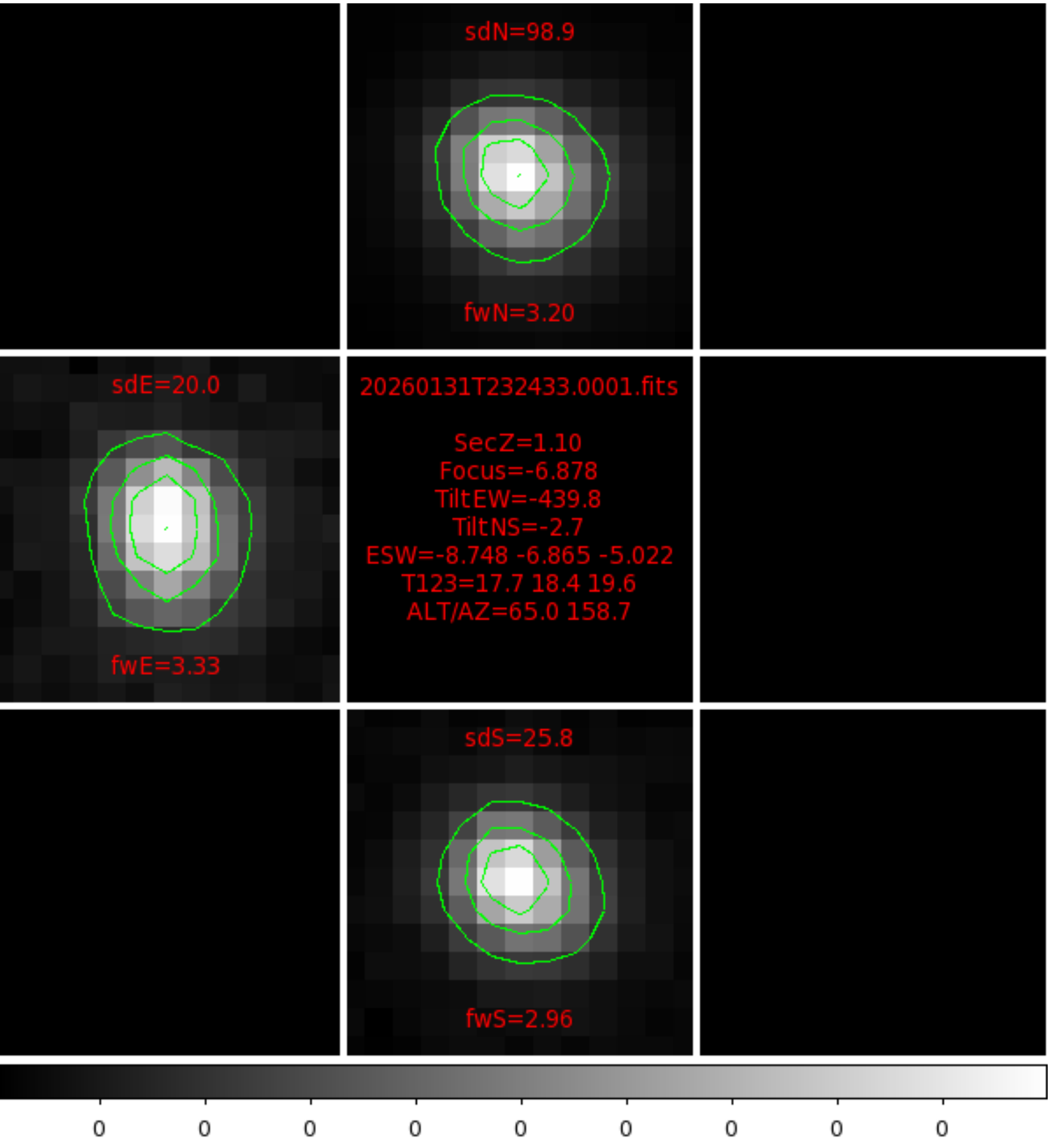

sdE=18.0
20260131T232254.0001.fits
SecZ=1.10
Focus=-6.885
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.755 -6.872 -5.029
T123=17.7 18.4 19.6
ALT/AZ=64.8 157.8
fwE=3.47
sdS=20.5
fwS=3.17
0 0 0 0 0 0 0 0 0


sdN=98.9
fwN=3.20
sdE=20.0
fwE=3.33
20260131T232433.0001.fits
SecZ=1.10
Focus=-6.878
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.748 -6.865 -5.022
T123=17.7 18.4 19.6
ALT/AZ=65.0 158.7
sdS=25.8
fwS=2.96
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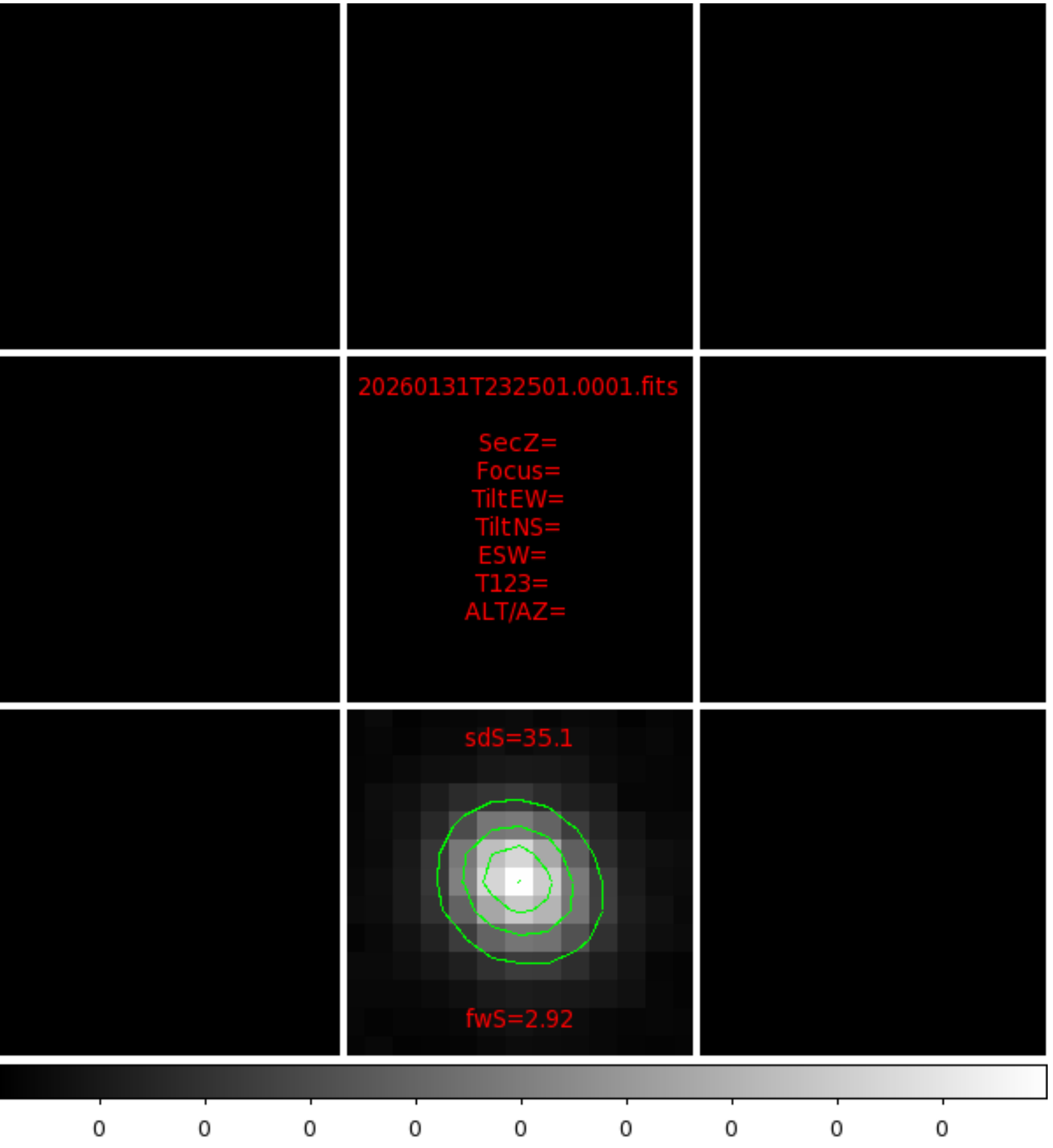
20260131T232501.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=35.1
fwS=2.92
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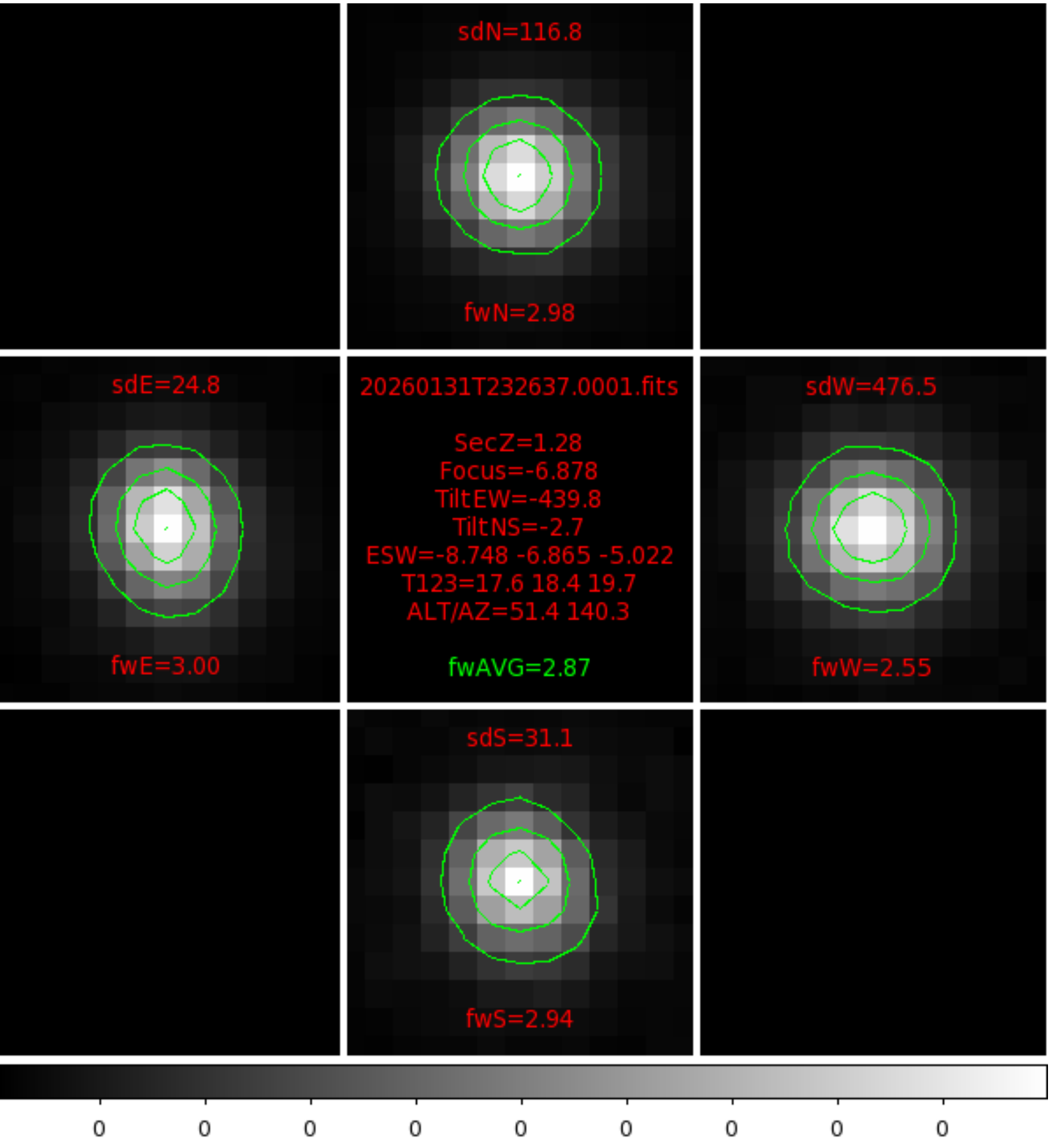
0
0
0
0
0
0


sdN=116.8
fwN=2.98
sdE=24.8
fwE=3.00
20260131T232637.0001.fits
SecZ=1.28
Focus=-6.878
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.748 -6.865 -5.022
T123=17.6 18.4 19.7
ALT/AZ=51.4 140.3
fwAVG=2.87
sdW=476.5
fwW=2.55
sdS=31.1
fwS=2.94
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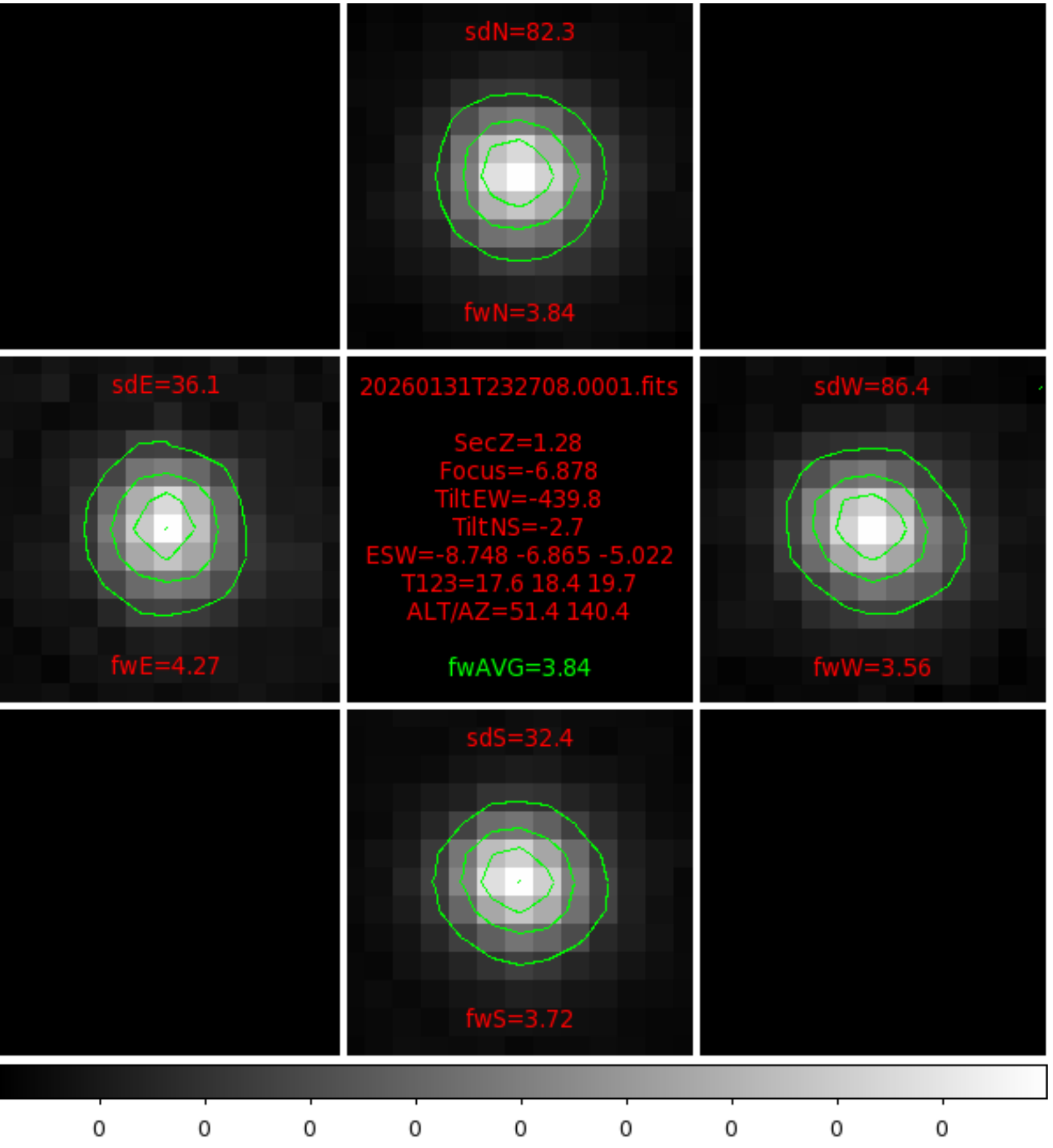
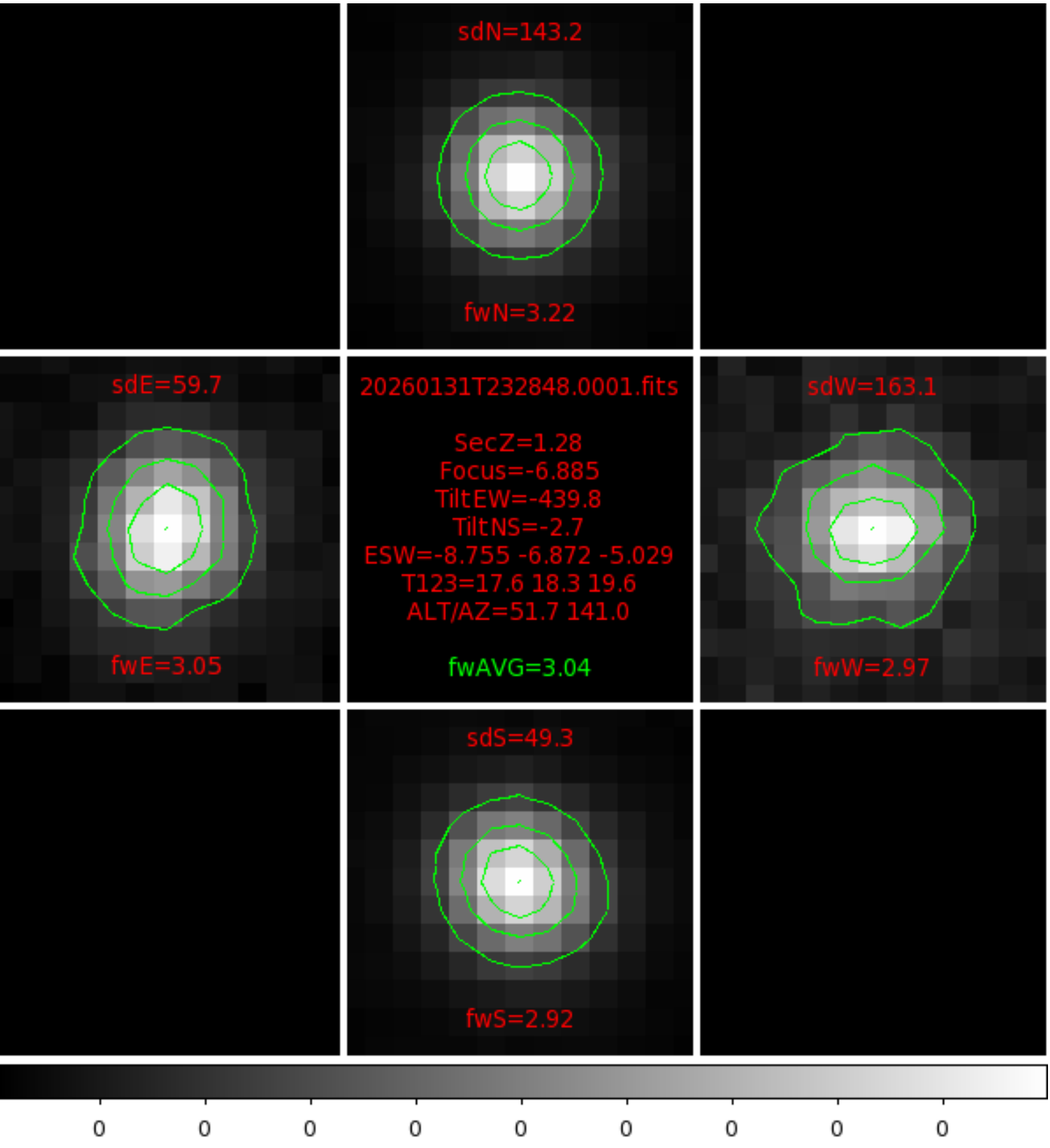
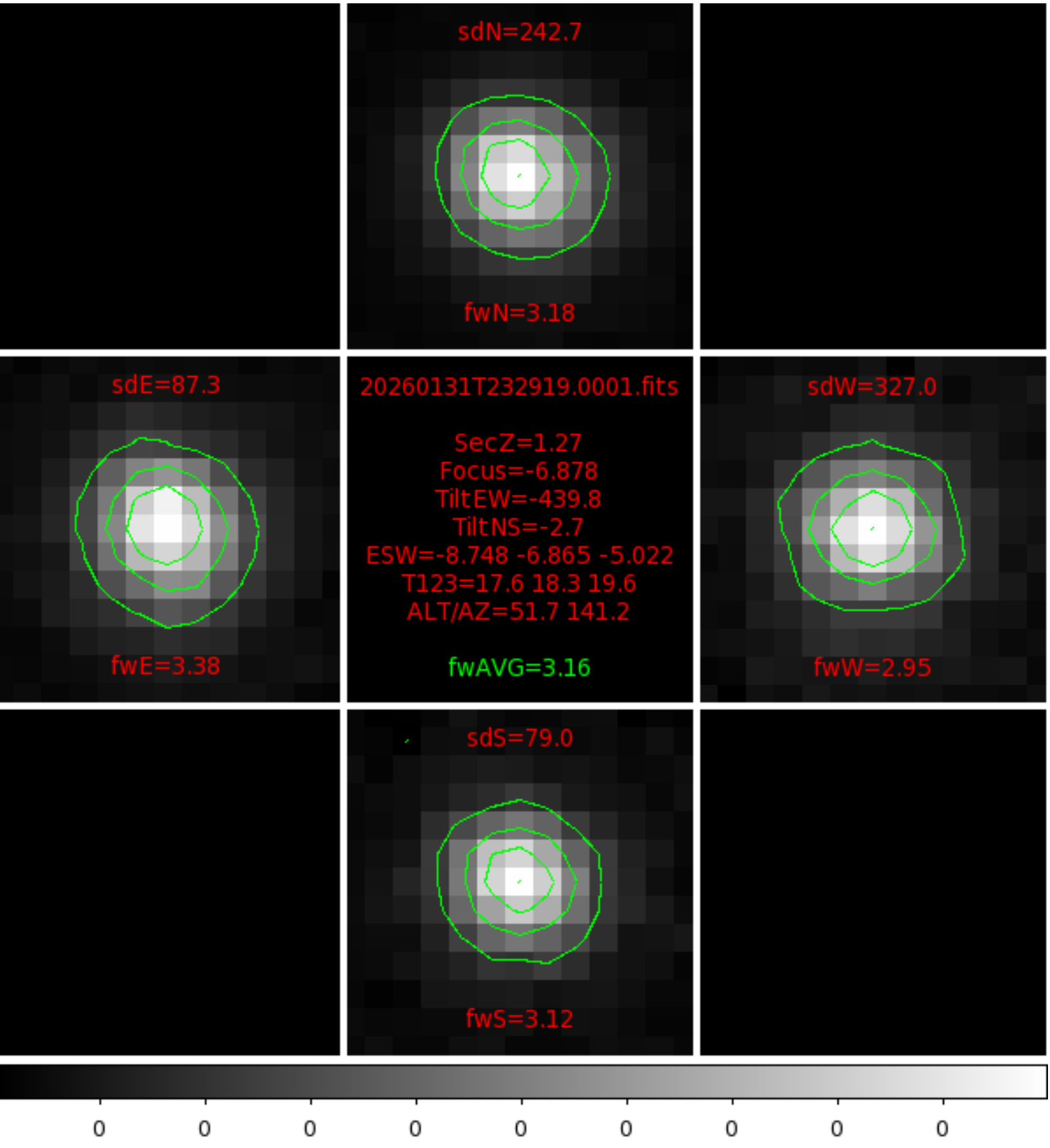
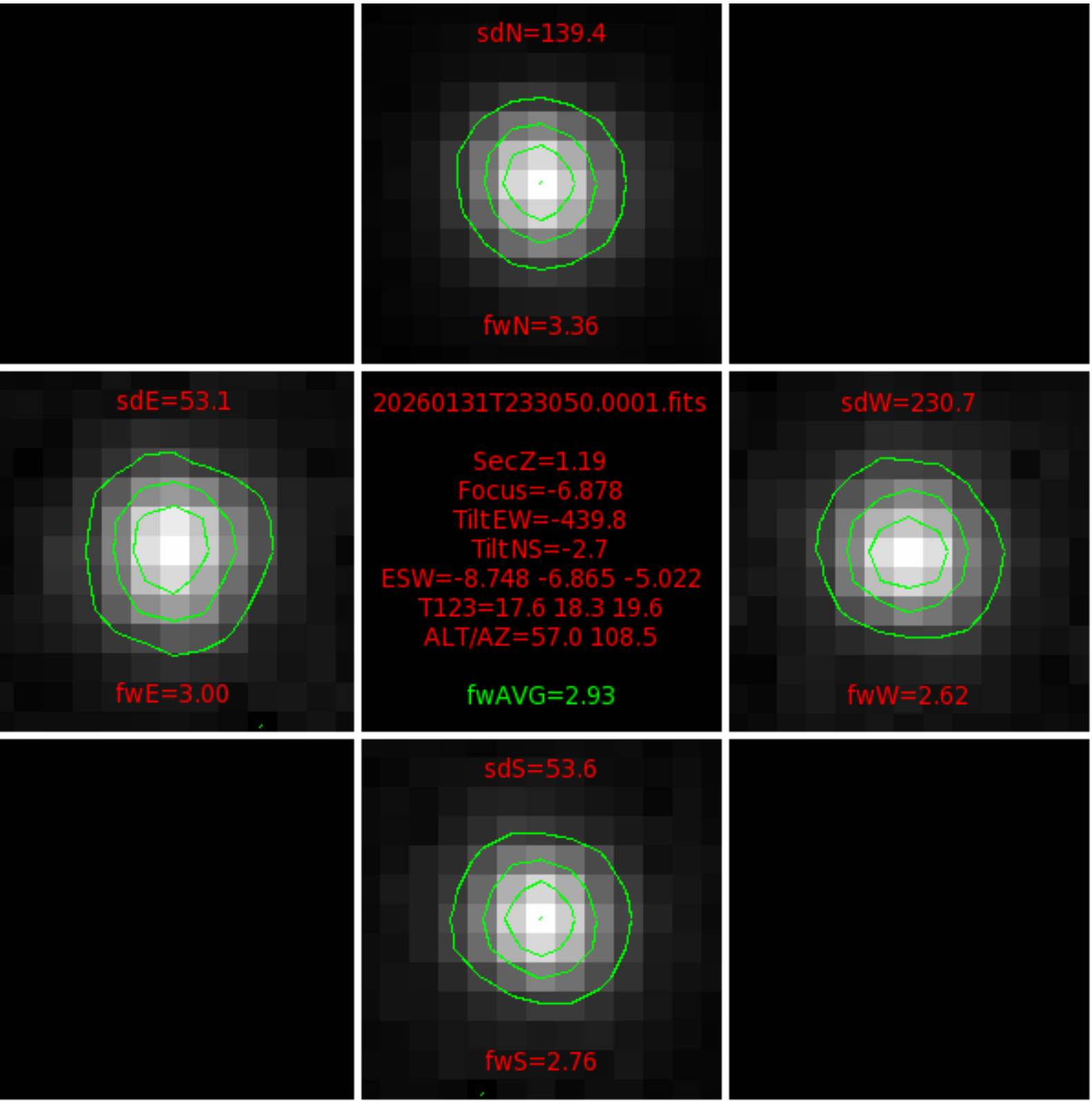

sdN=82.3
fwN=3.84
sdE=36.1
fwE=4.27
20260131T232708.0001.fits
SecZ=1.28
Focus=-6.878
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.748 -6.865 -5.022
T123=17.6 18.4 19.7
ALT/AZ=51.4 140.4
fwAVG=3.84
sdW=86.4
fwW=3.56
sdS=32.4
fwS=3.72
0 0 0 0 0 0 0 0 0


sdN=143.2
fwN=3.22
sdE=59.7
fwE=3.05
20260131T232848.0001.fits
SecZ=1.28
Focus=-6.885
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.755 -6.872 -5.029
T123=17.6 18.3 19.6
ALT/AZ=51.7 141.0
fwAVG=3.04
sdW=163.1
fwW=2.97
sdS=49.3
fwS=2.92
0 0 0 0 0 0 0 0 0


sdN=242.7
fwN=3.18
sdE=87.3
fwE=3.38
20260131T232919.0001.fits
SecZ=1.27
Focus=-6.878
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.748 -6.865 -5.022
T123=17.6 18.3 19.6
ALT/AZ=51.7 141.2
fwAVG=3.16
sdW=327.0
fwW=2.95
sdS=79.0
fwS=3.12
0 0 0 0 0 0 0 0 0


sdN=139.4
fwN=3.36
sdE=53.1
fwE=3.00
20260131T233050.0001.fits
SecZ=1.19
Focus=-6.878
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.748 -6.865 -5.022
T123=17.6 18.3 19.6
ALT/AZ=57.0 108.5
fwAVG=2.93
sdW=230.7
fwW=2.62
sdS=53.6
fwS=2.76
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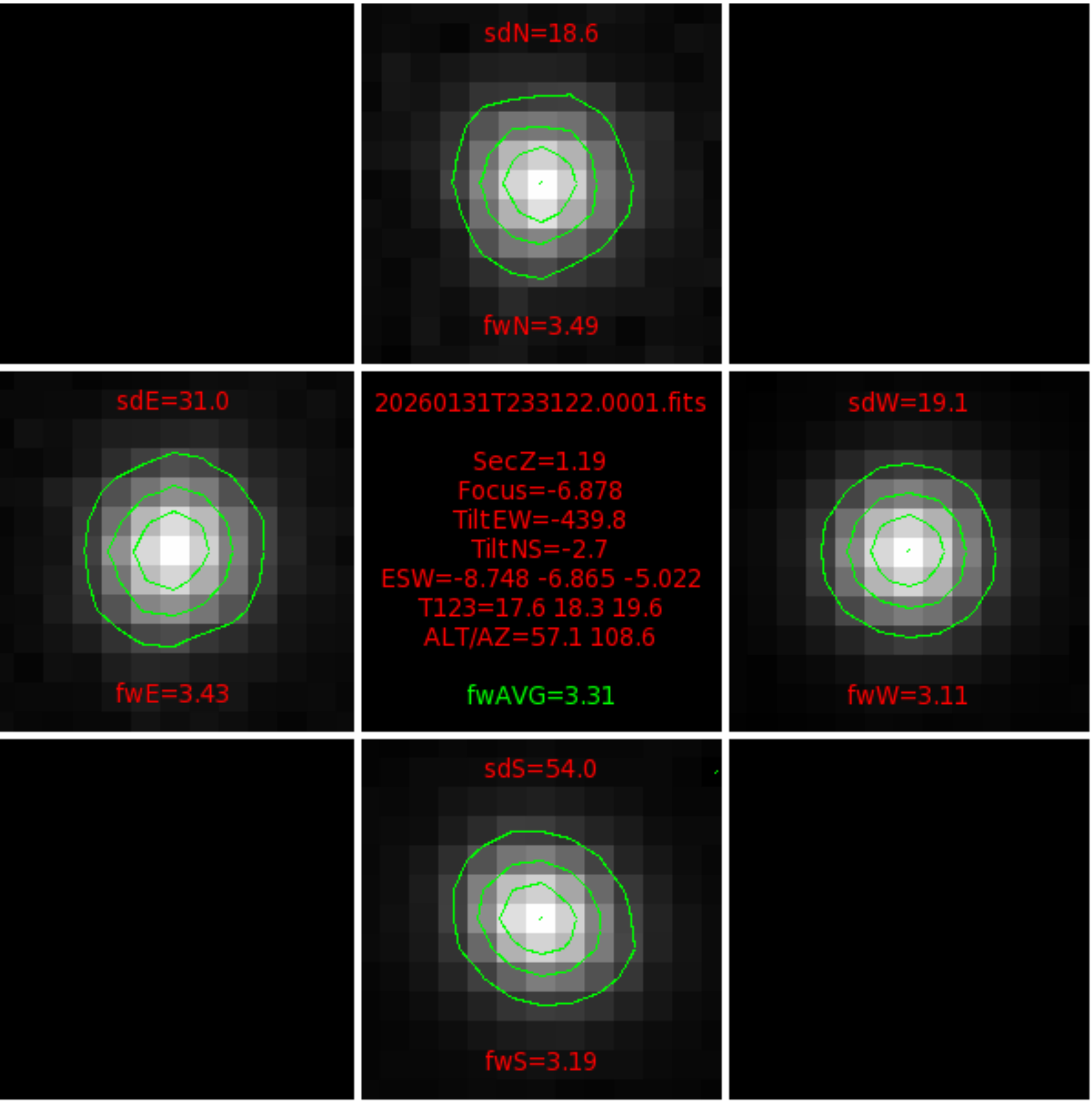
sdN=18.6
fwN=3.49
sdE=31.0
fwE=3.43
20260131T233122.0001.fits
SecZ=1.19
Focus=-6.878
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.748 -6.865 -5.022
T123=17.6 18.3 19.6
ALT/AZ=57.1 108.6
fwAVG=3.31
sdW=19.1
fwW=3.11
sdS=54.0
fwS=3.19
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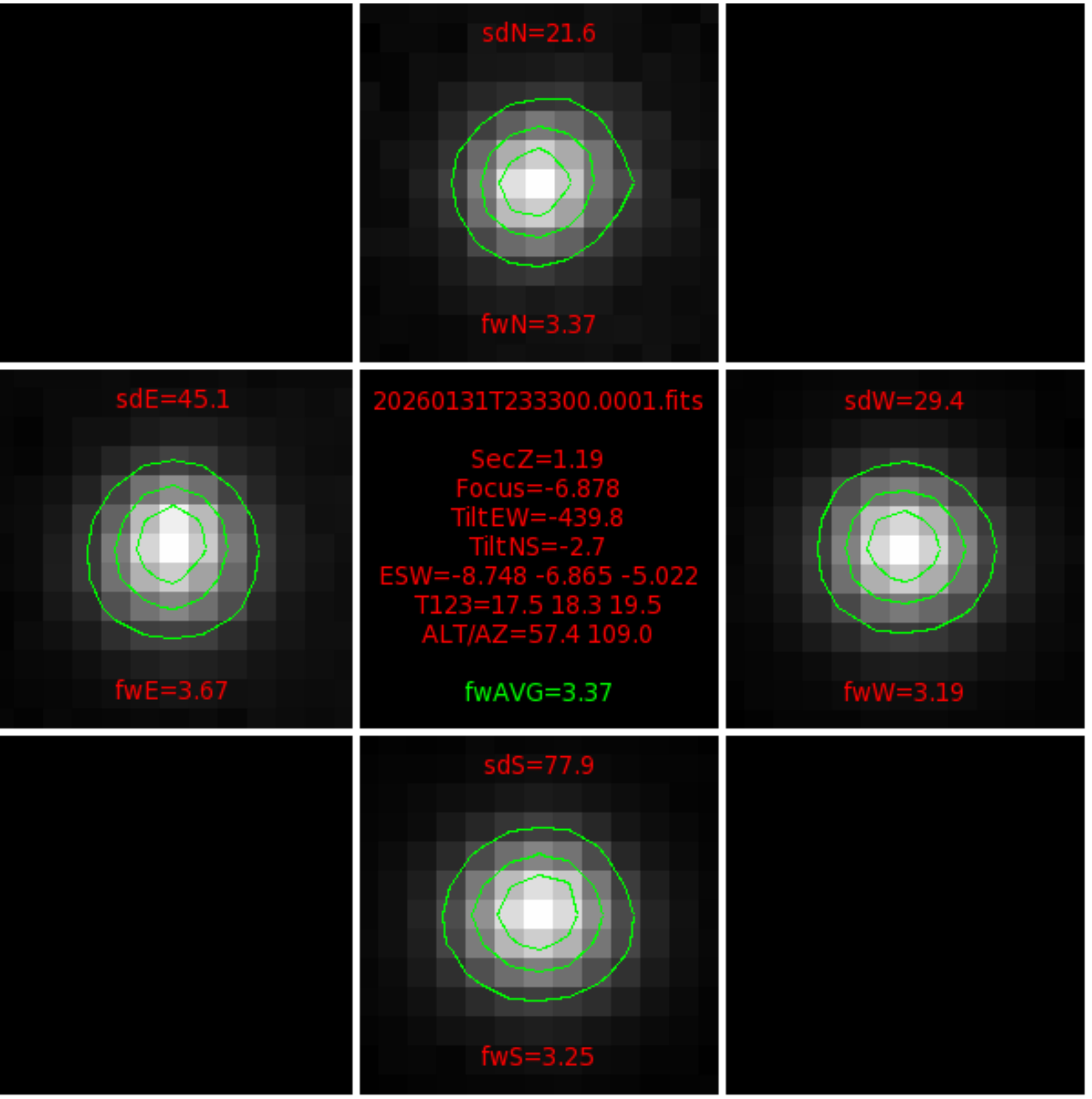
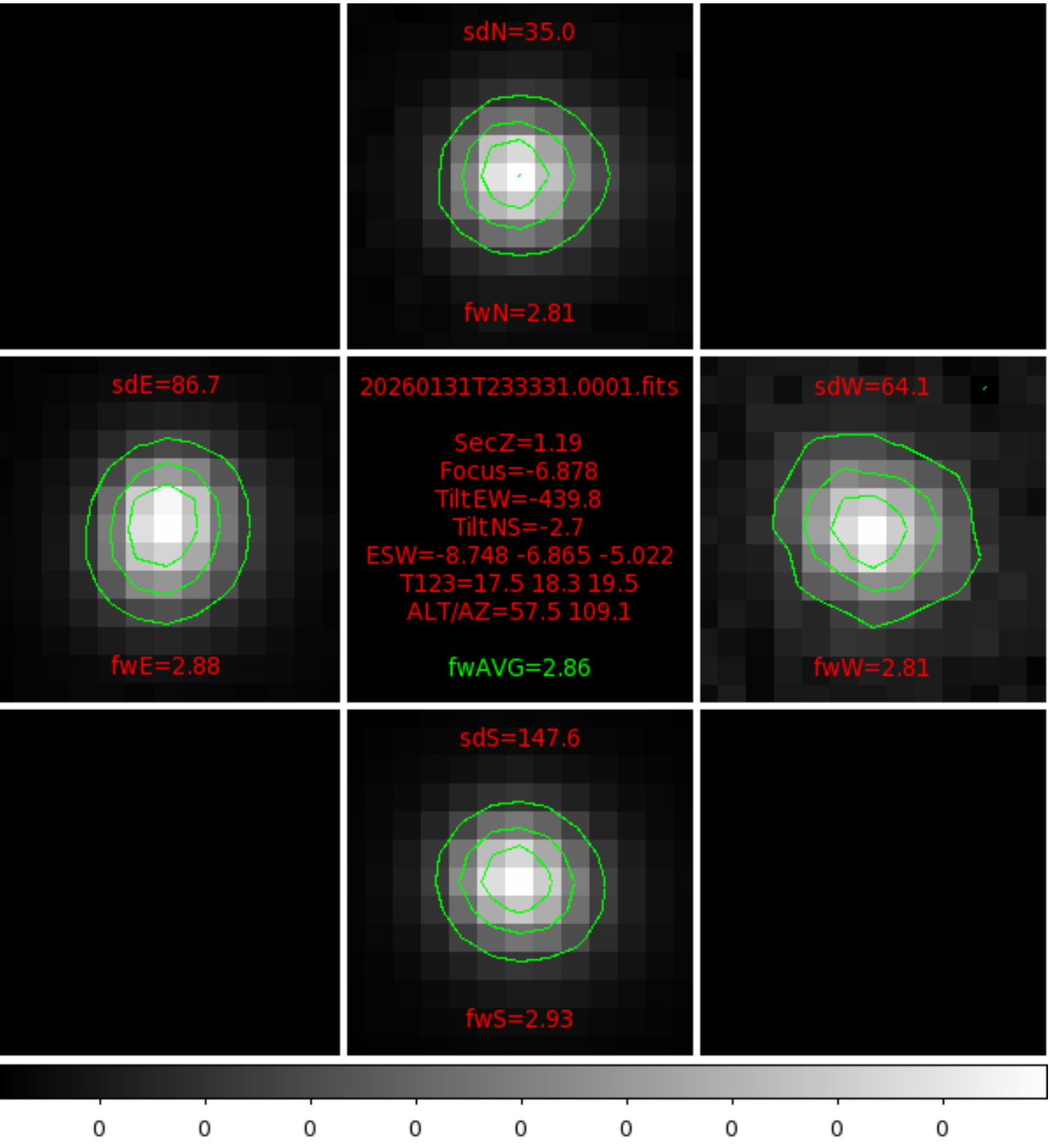

sdN=21.6
fwN=3.37
sdE=45.1
fwE=3.67
20260131T233300.0001.fits
SecZ=1.19
Focus=-6.878
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.748 -6.865 -5.022
T123=17.5 18.3 19.5
ALT/AZ=57.4 109.0
fwAVG=3.37
sdW=29.4
fwW=3.19
sdS=77.9
fwS=3.25
0 0 0 0 0 0 0 0 0


sdN=35.0
fwN=2.81
sdE=86.7
fwE=2.88
20260131T233331.0001.fits
SecZ=1.19
Focus=-6.878
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.748 -6.865 -5.022
T123=17.5 18.3 19.5
ALT/AZ=57.5 109.1
fwAVG=2.86
sdW=64.1
fwW=2.81
sdS=147.6
fwS=2.93
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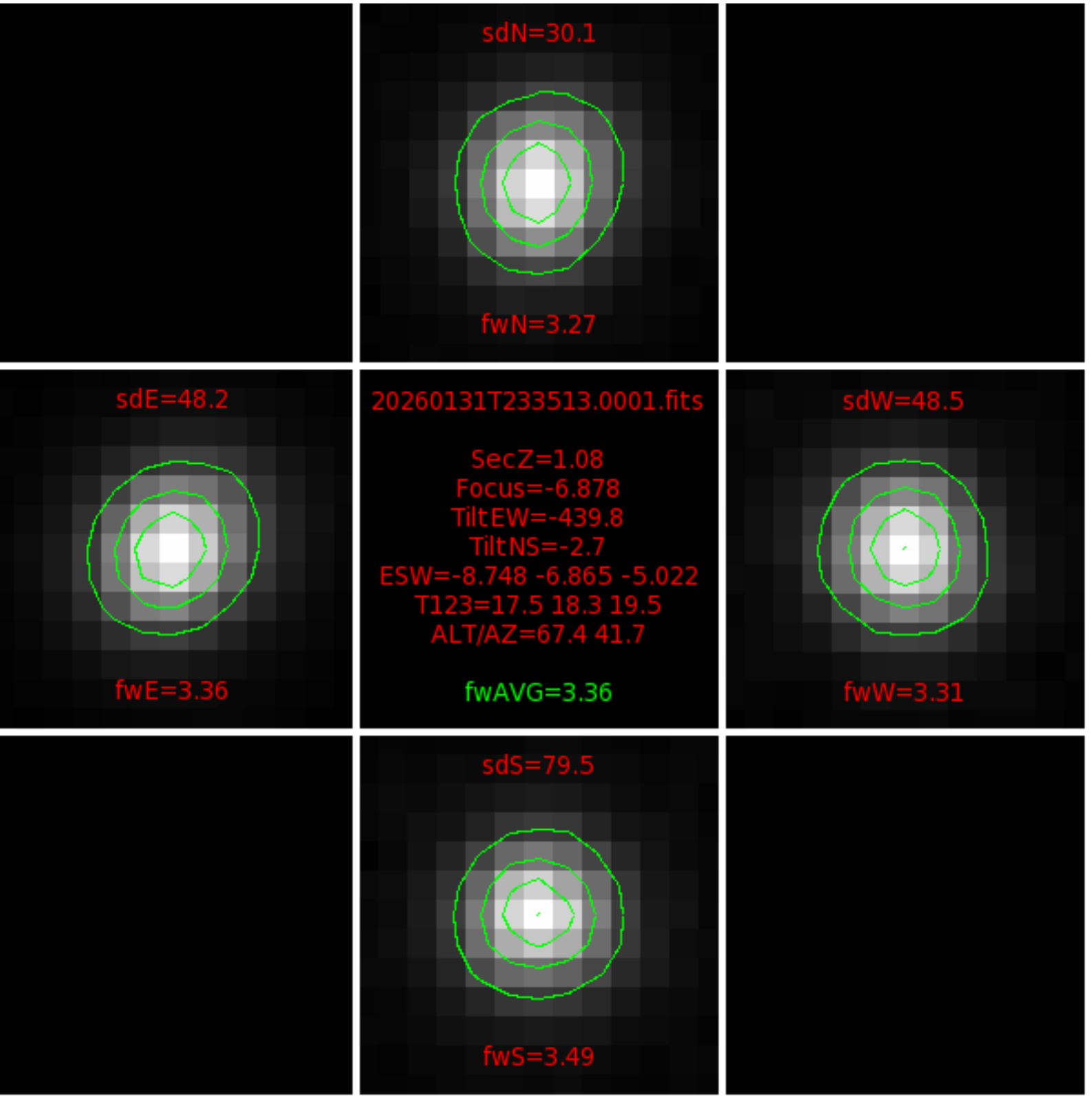
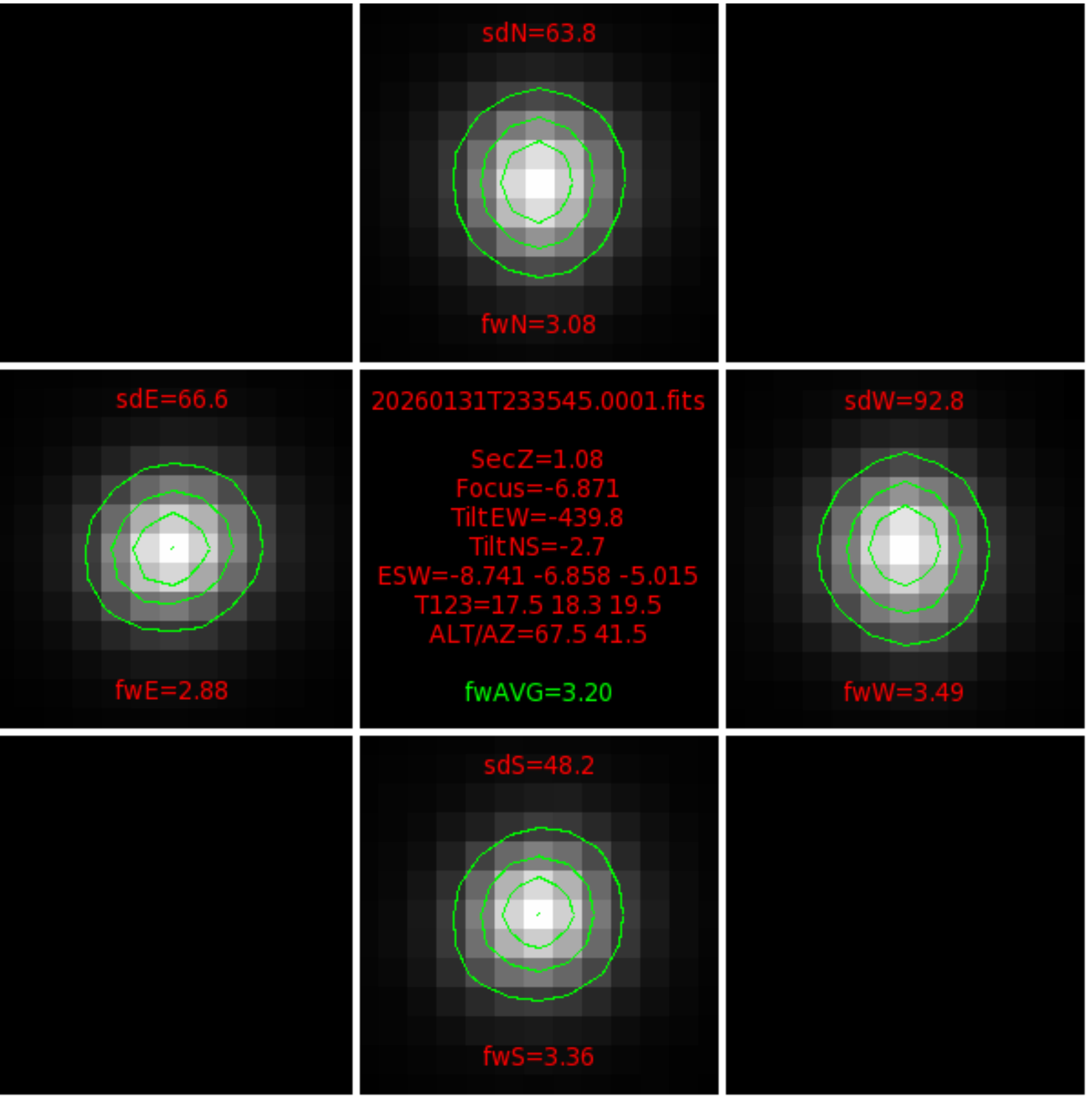

sdN=30.1
fwN=3.27
sdE=48.2
fwE=3.36
20260131T233513.0001.fits
SecZ=1.08
Focus=-6.878
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.748 -6.865 -5.022
T123=17.5 18.3 19.5
ALT/AZ=67.4 41.7
fwAVG=3.36
sdW=48.5
fwW=3.31
sdS=79.5
fwS=3.49
0 0 0 0 0 0 0 0 0


sdN=63.8
fwN=3.08
sdE=66.6
fwE=2.88
20260131T233545.0001.fits
SecZ=1.08
Focus=-6.871
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.741 -6.858 -5.015
T123=17.5 18.3 19.5
ALT/AZ=67.5 41.5
fwAVG=3.20
sdW=92.8
fwW=3.49
sdS=48.2
fwS=3.36
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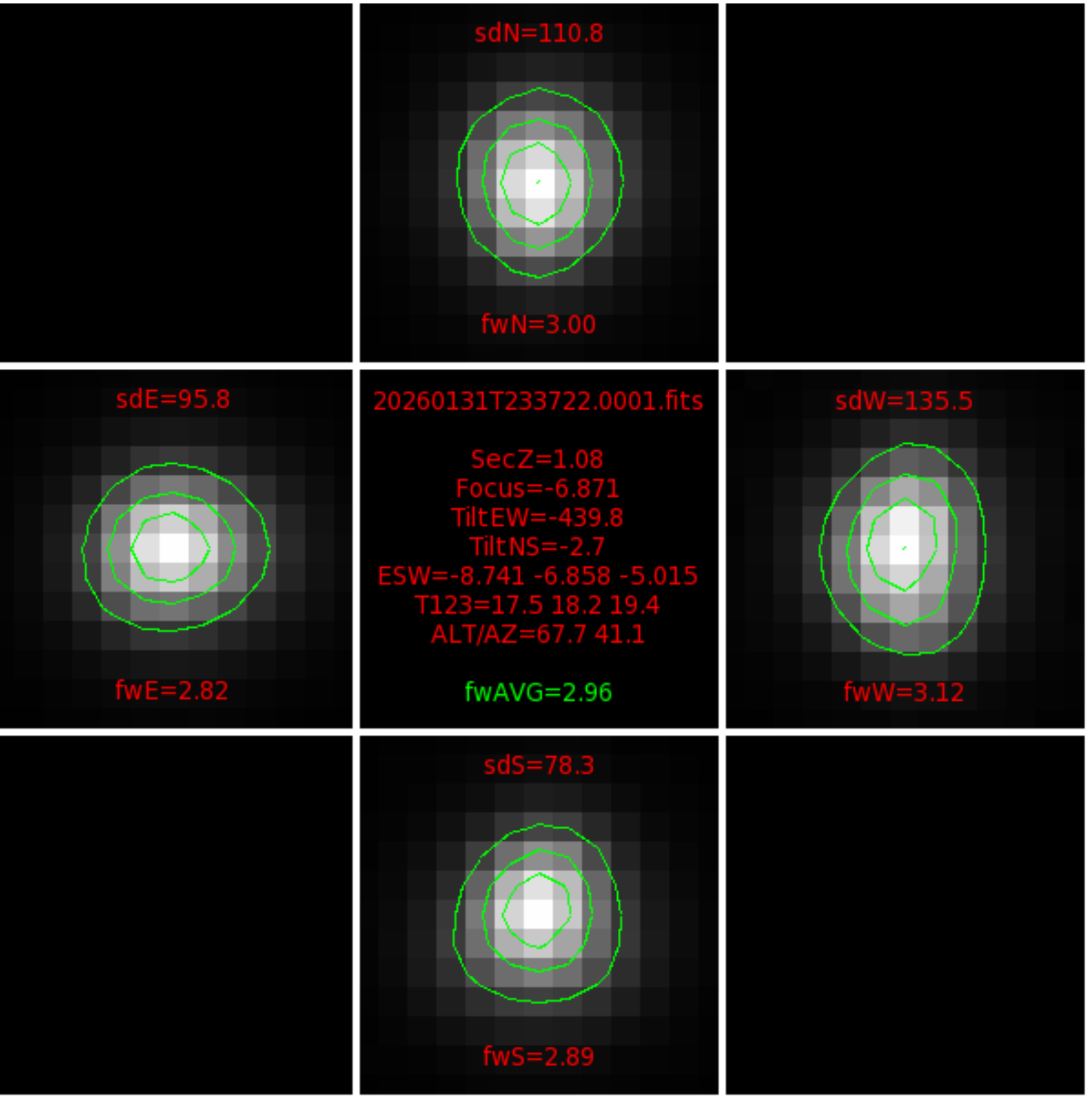
sdN=110.8
fwN=3.00
sdE=95.8
fwE=2.82
20260131T233722.0001.fits
SecZ=1.08
Focus=-6.871
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.741 -6.858 -5.015
T123=17.5 18.2 19.4
ALT/AZ=67.7 41.1
fwAVG=2.96
sdW=135.5
fwW=3.12
sdS=78.3
fwS=2.89
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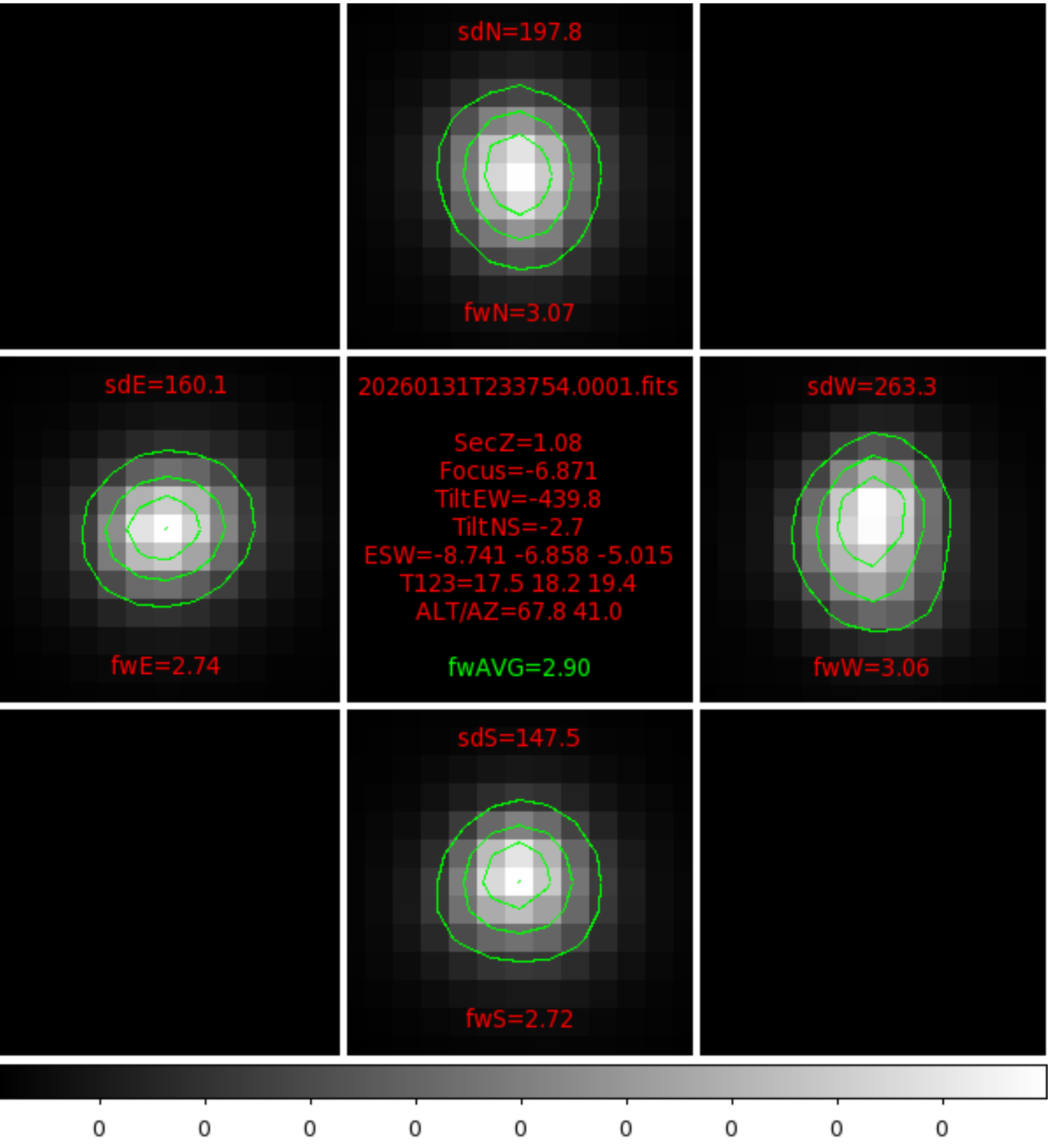
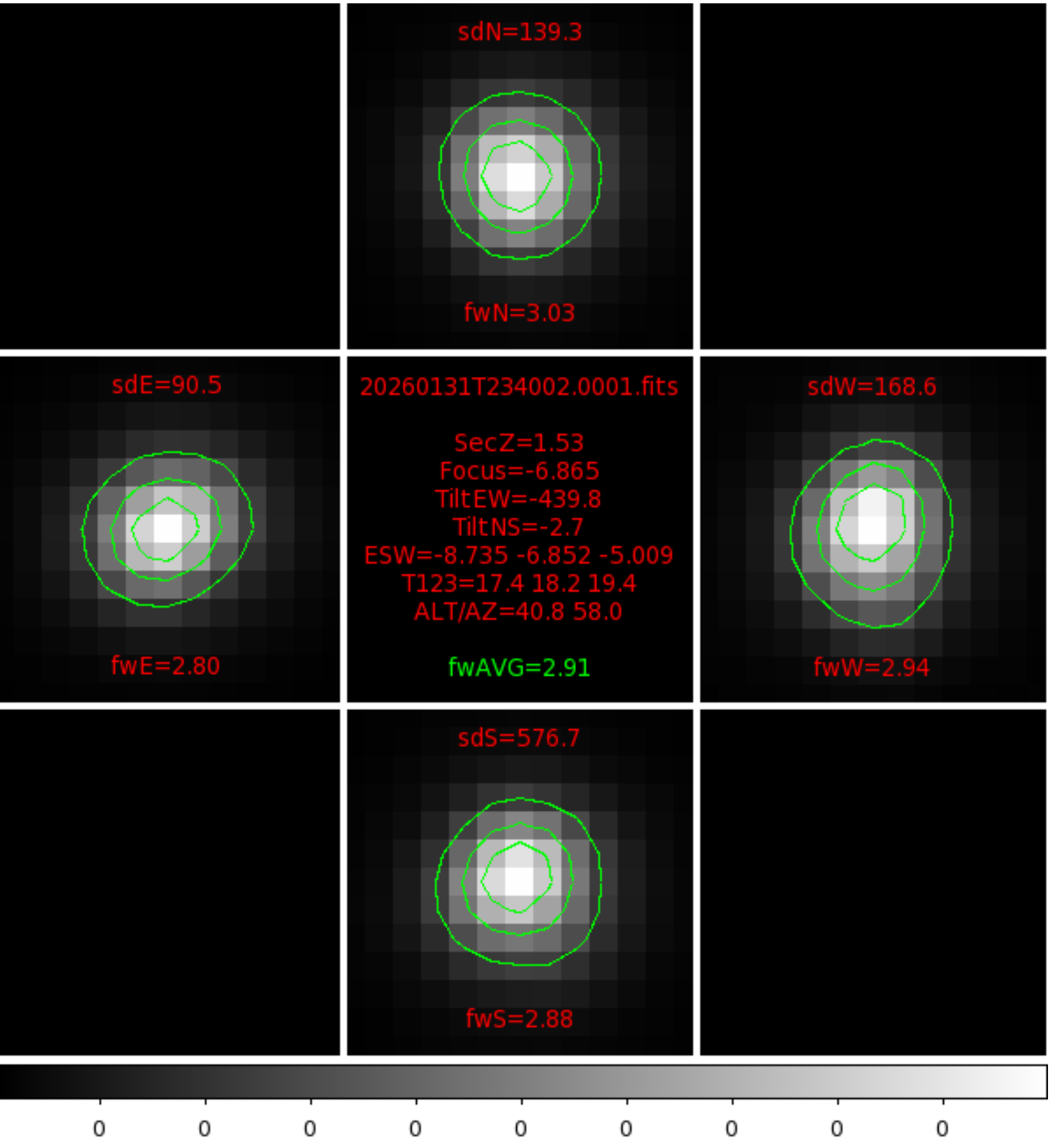

sdN=197.8
fwN=3.07
sdE=160.1
fwE=2.74
20260131T233754.0001.fits
SecZ=1.08
Focus=-6.871
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.741 -6.858 -5.015
T123=17.5 18.2 19.4
ALT/AZ=67.8 41.0
fwAVG=2.90
sdW=263.3
fwW=3.06
sdS=147.5
fwS=2.72
0 0 0 0 0 0 0 0 0


sdN=139.3
fwN=3.03
sdE=90.5
fwE=2.80
20260131T234002.0001.fits
SecZ=1.53
Focus=-6.865
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.735 -6.852 -5.009
T123=17.4 18.2 19.4
ALT/AZ=40.8 58.0
fwAVG=2.91
sdW=168.6
fwW=2.94
sdS=576.7
fwS=2.88
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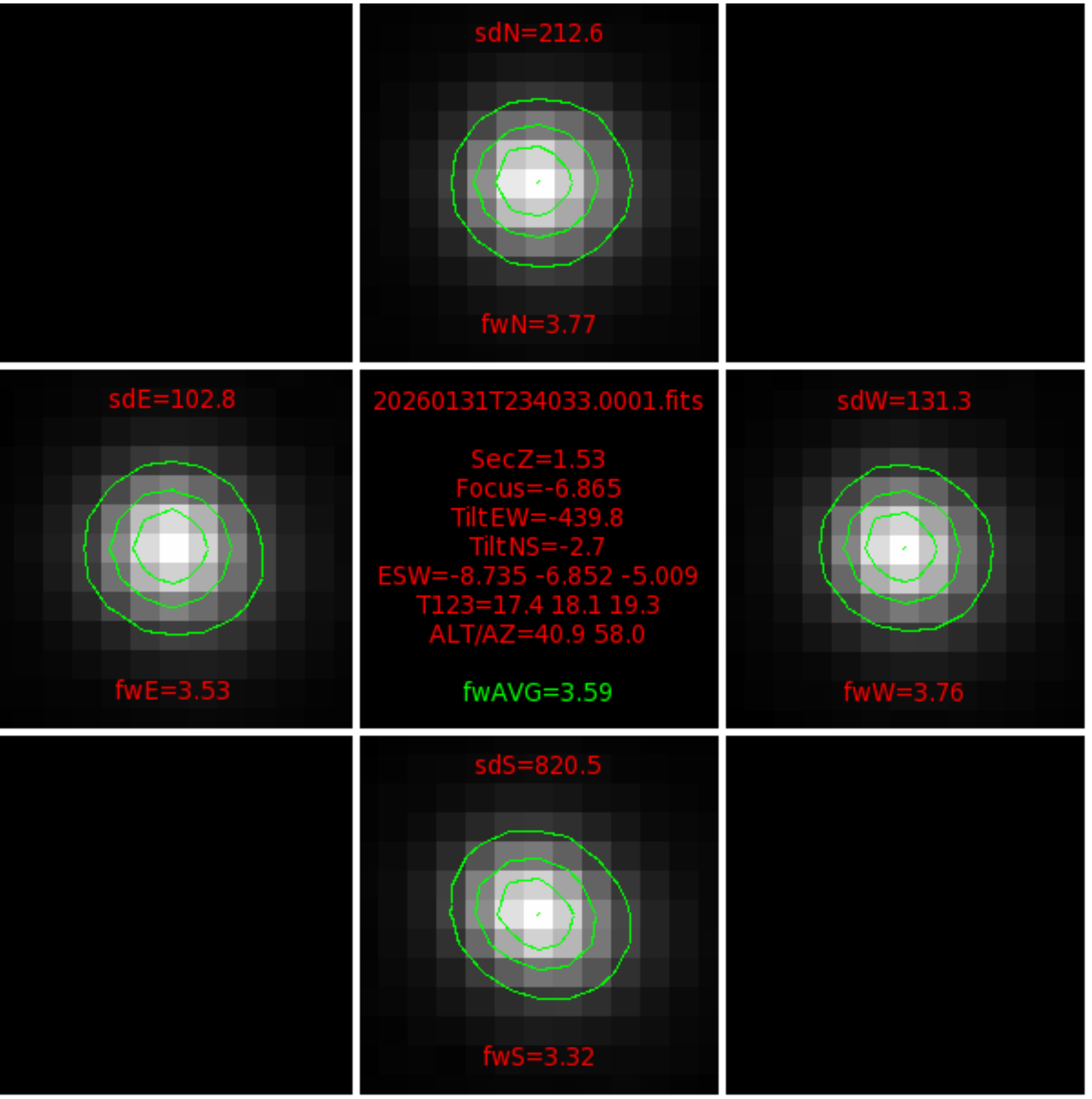
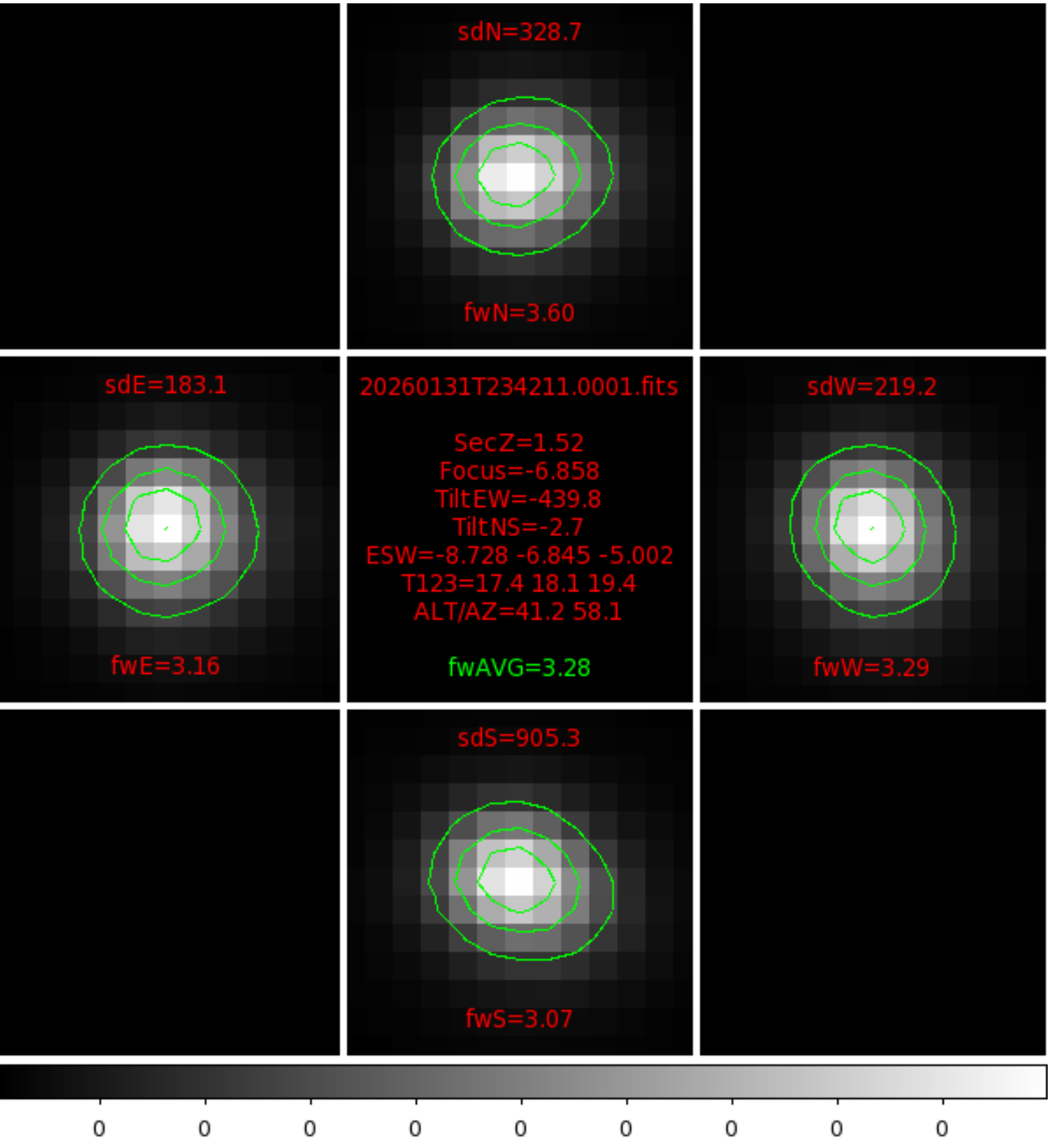

sdN=212.6
fwN=3.77
sdE=102.8
fwE=3.53
20260131T234033.0001.fits
SecZ=1.53
Focus=-6.865
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.735 -6.852 -5.009
T123=17.4 18.1 19.3
ALT/AZ=40.9 58.0
fwAVG=3.59
sdW=131.3
fwW=3.76
sdS=820.5
fwS=3.32
0 0 0 0 0 0 0 0 0


sdN=328.7
fwN=3.60
sdE=183.1
fwE=3.16
20260131T234211.0001.fits
SecZ=1.52
Focus=-6.858
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.728 -6.845 -5.002
T123=17.4 18.1 19.4
ALT/AZ=41.2 58.1
fwAVG=3.28
sdW=219.2
fwW=3.29
sdS=905.3
fwS=3.07
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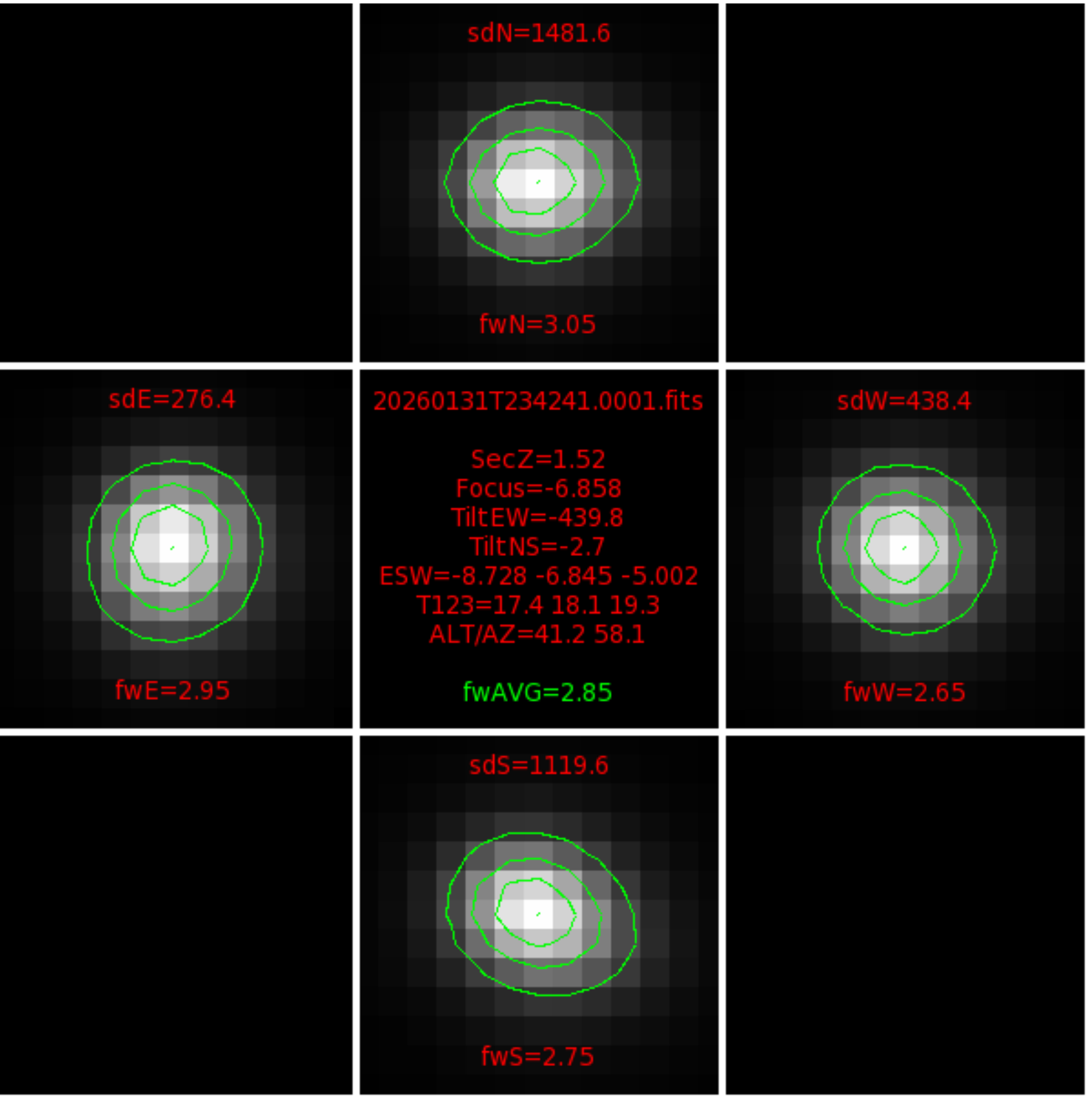
sdN=1481.6
fwN=3.05
sdE=276.4
fwE=2.95
20260131T234241.0001.fits
SecZ=1.52
Focus=-6.858
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.728 -6.845 -5.002
T123=17.4 18.1 19.3
ALT/AZ=41.2 58.1
fwAVG=2.85
sdW=438.4
fwW=2.65
sdS=1119.6
fwS=2.75
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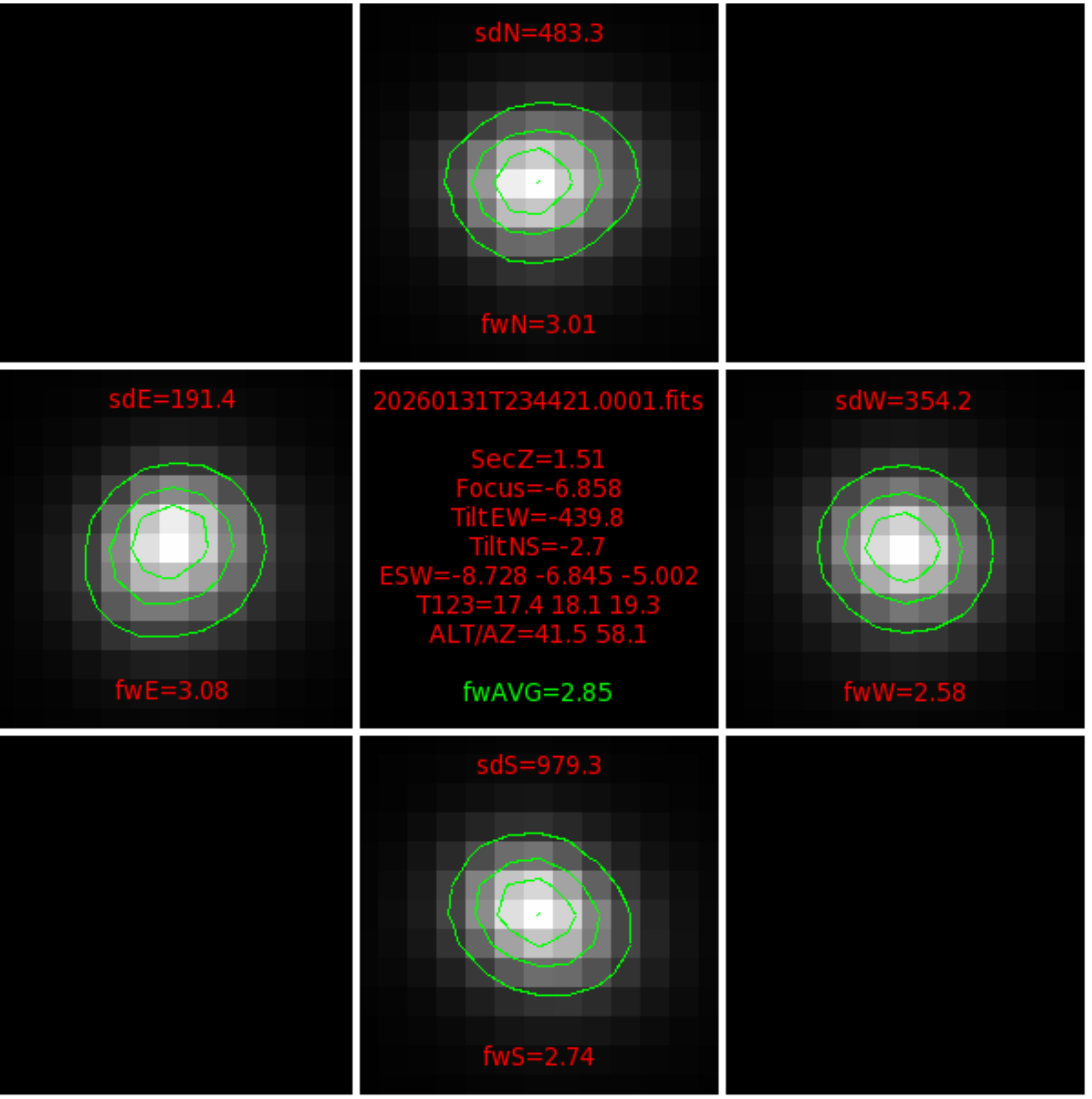
sdN=483.3
fwN=3.01
sdE=191.4
fwE=3.08
20260131T234421.0001.fits
SecZ=1.51
Focus=-6.858
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.728 -6.845 -5.002
T123=17.4 18.1 19.3
ALT/AZ=41.5 58.1
fwAVG=2.85
sdW=354.2
fwW=2.58
sdS=979.3
fwS=2.74
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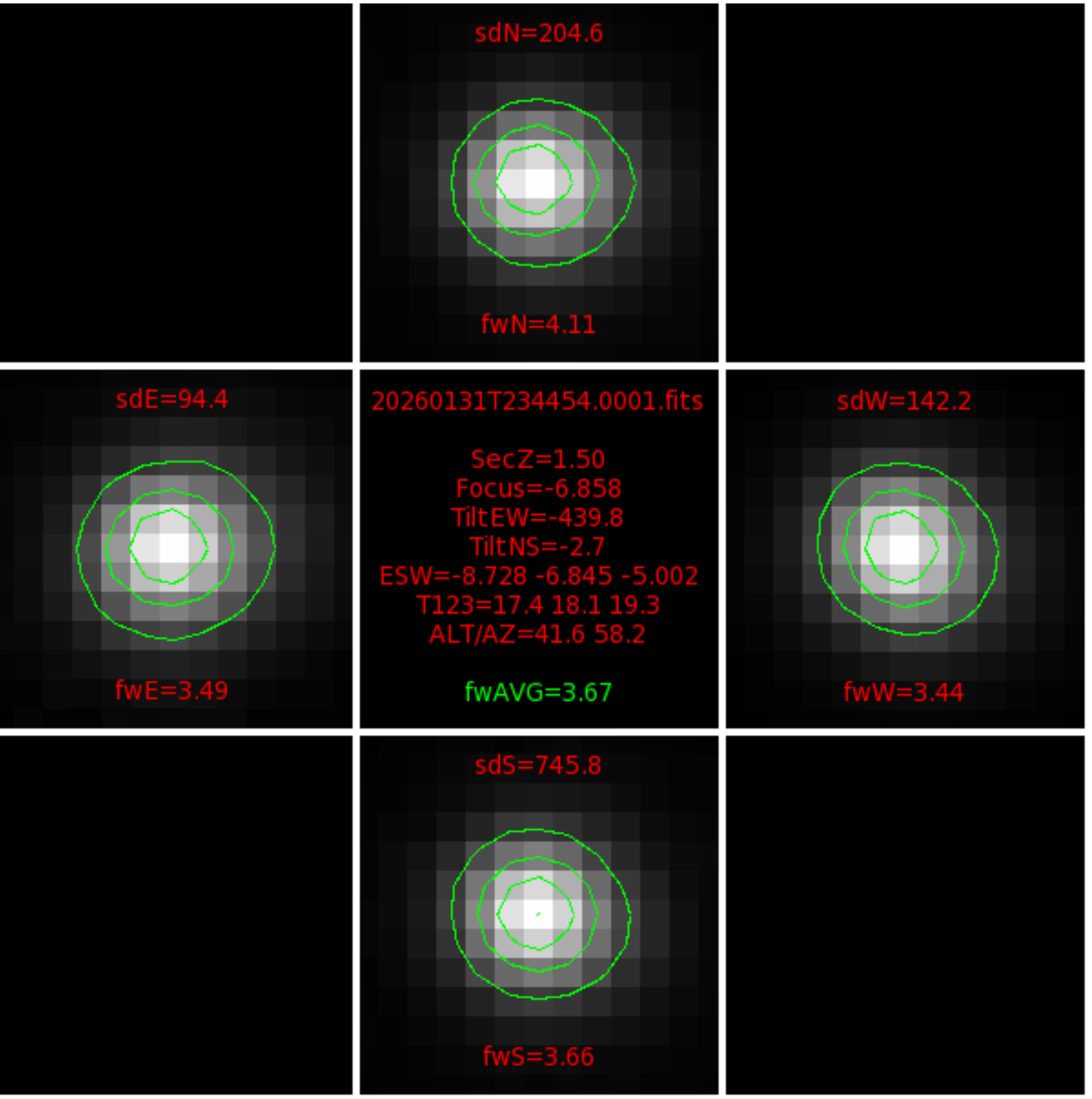
sdN=204.6
fwN=4.11
sdE=94.4
fwE=3.49
20260131T234454.0001.fits
SecZ=1.50
Focus=-6.858
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.728 -6.845 -5.002
T123=17.4 18.1 19.3
ALT/AZ=41.6 58.2
fwAVG=3.67
sdW=142.2
fwW=3.44
sdS=745.8
fwS=3.66
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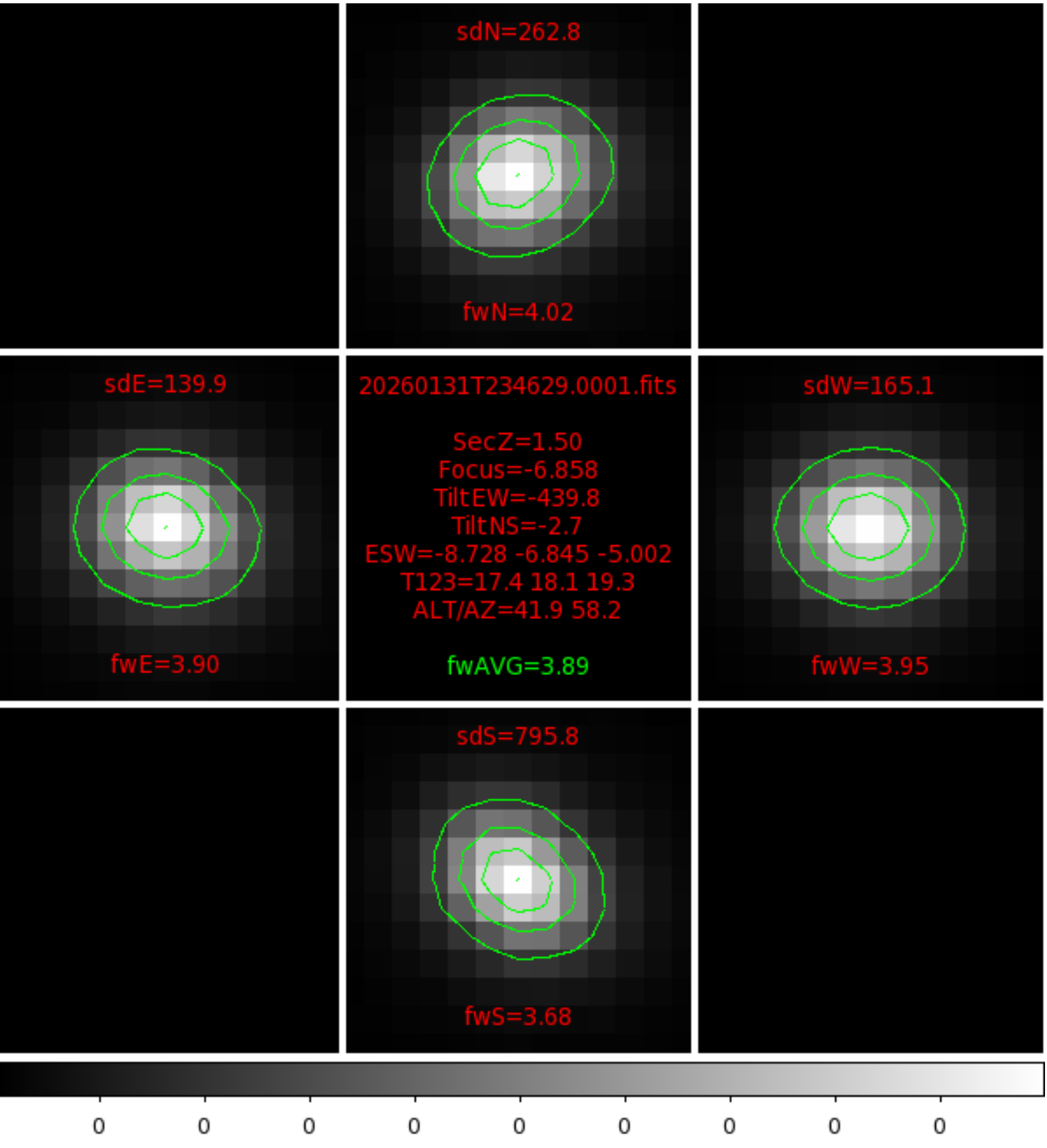
sdN=262.8
fwN=4.02
sdE=139.9
fwE=3.90
20260131T234629.0001.fits
SecZ=1.50
Focus=-6.858
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.728 -6.845 -5.002
T123=17.4 18.1 19.3
ALT/AZ=41.9 58.2
fwAVG=3.89
sdW=165.1
fwW=3.95
sdS=795.8
fwS=3.68
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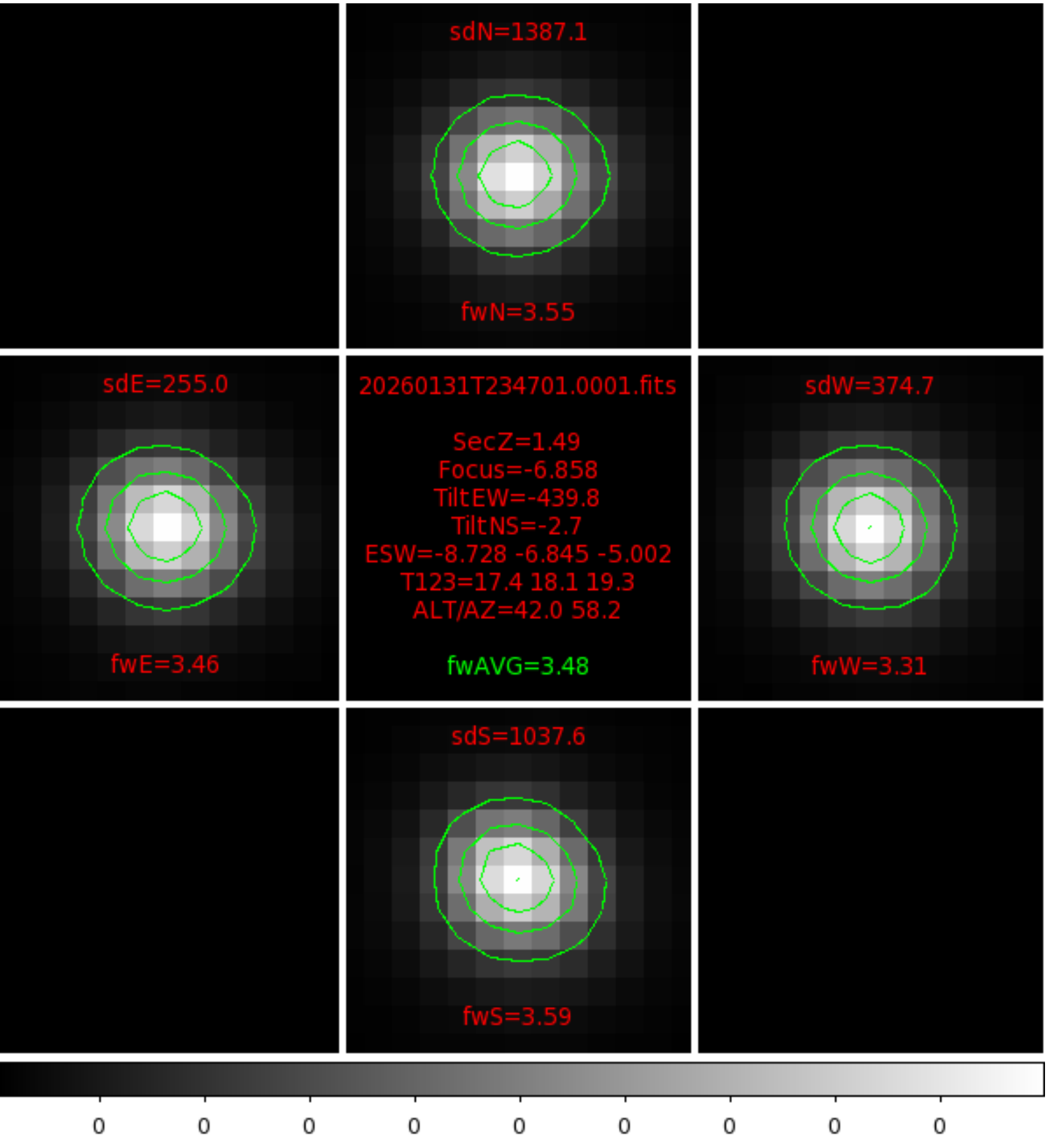
sdN=1387.1
fwN=3.55
sdE=255.0
fwE=3.46
20260131T234701.0001.fits
SecZ=1.49
Focus=-6.858
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.728 -6.845 -5.002
T123=17.4 18.1 19.3
ALT/AZ=42.0 58.2
fwAVG=3.48
sdW=374.7
fwW=3.31
sdS=1037.6
fwS=3.59
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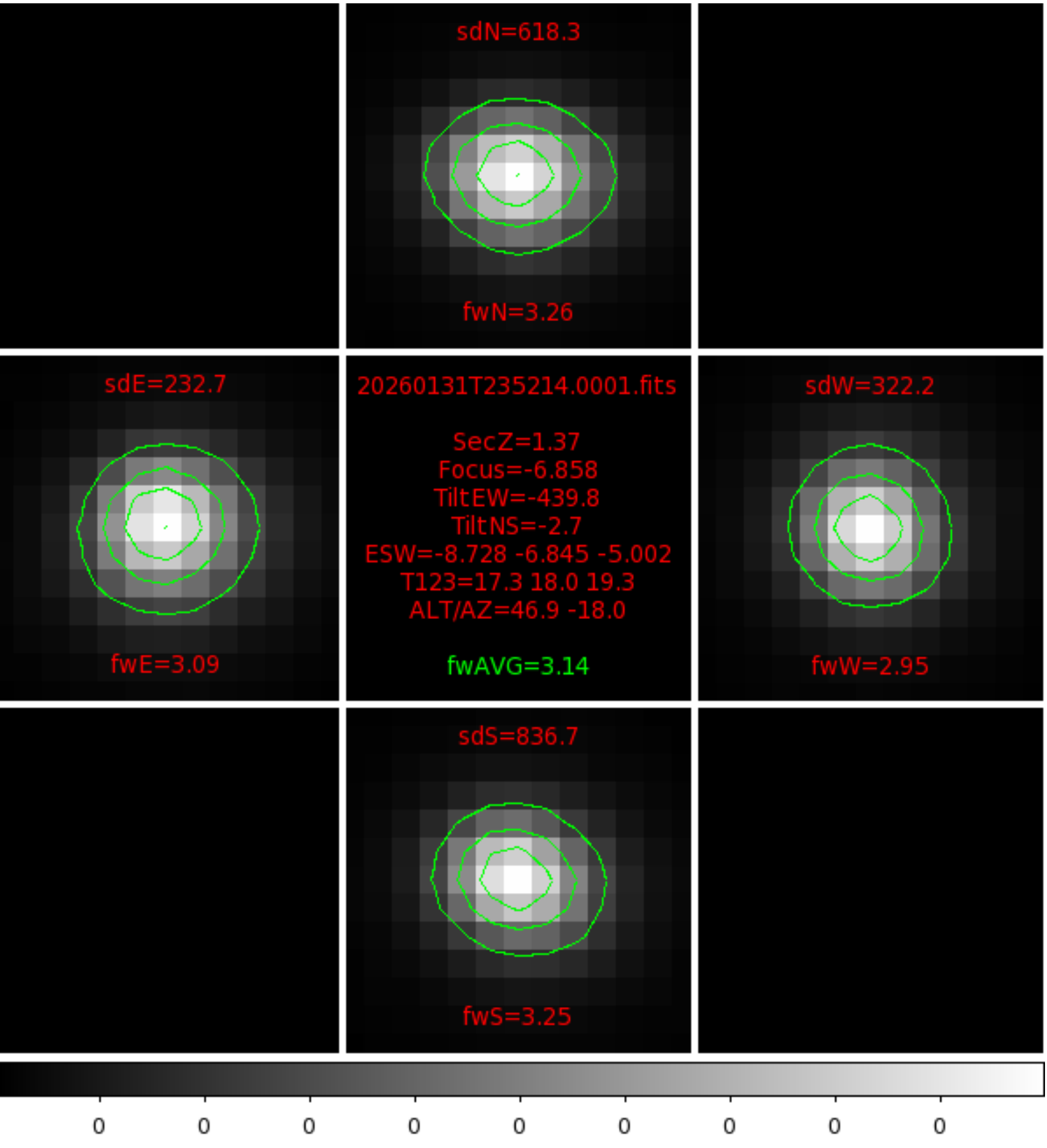
sdN=618.3
fwN=3.26
sdE=232.7
fwE=3.09
20260131T235214.0001.fits
SecZ=1.37
Focus=-6.858
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.728 -6.845 -5.002
T123=17.3 18.0 19.3
ALT/AZ=46.9 -18.0
fwAVG=3.14
sdW=322.2
fwW=2.95
sdS=836.7
fwS=3.25
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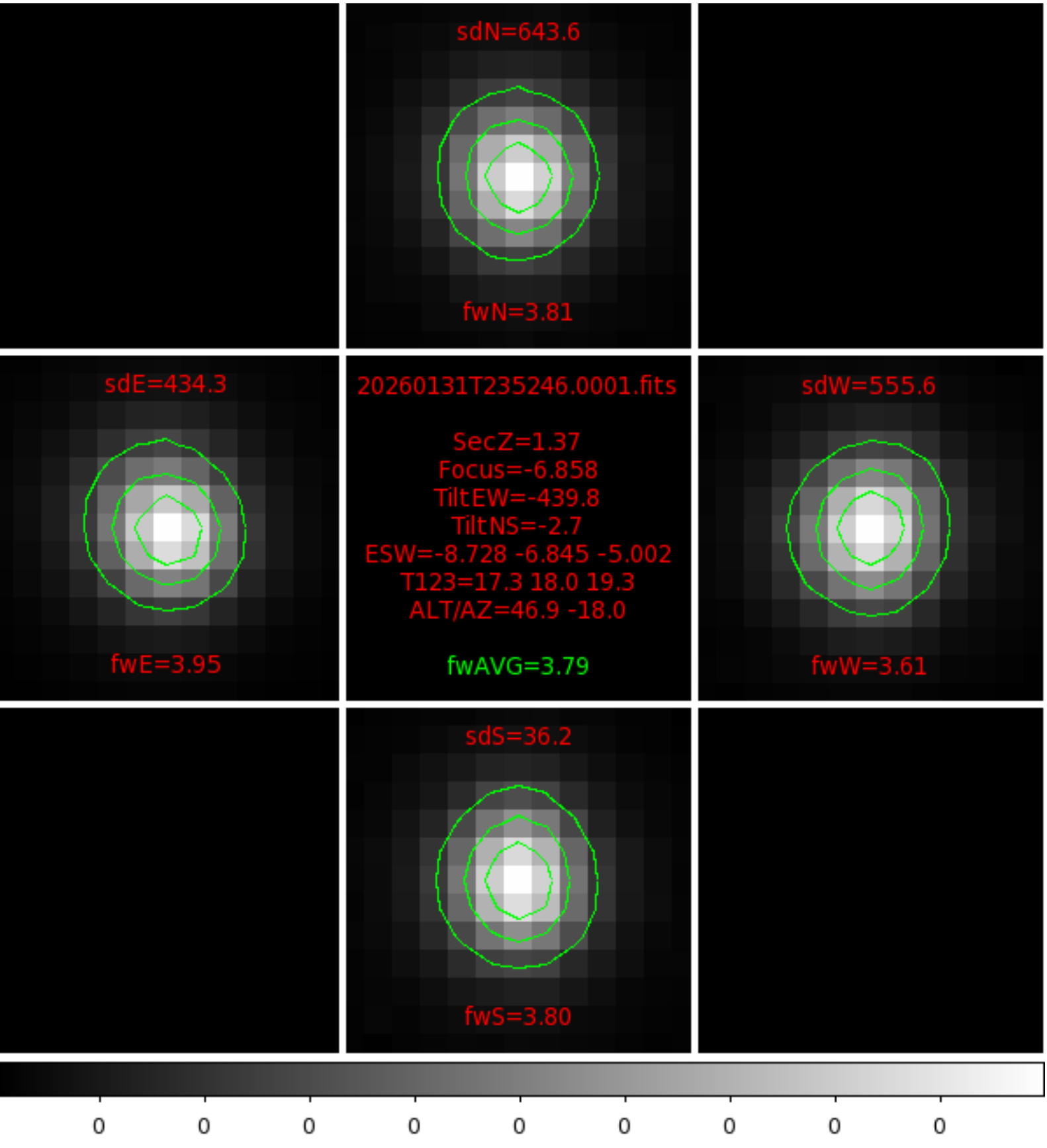
sdN=643.6
fwN=3.81
sdE=434.3
fwE=3.95
20260131T235246.0001.fits
SecZ=1.37
Focus=-6.858
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.728 -6.845 -5.002
T123=17.3 18.0 19.3
ALT/AZ=46.9 -18.0
fwAVG=3.79
sdW=555.6
fwW=3.61
sdS=36.2
fwS=3.80
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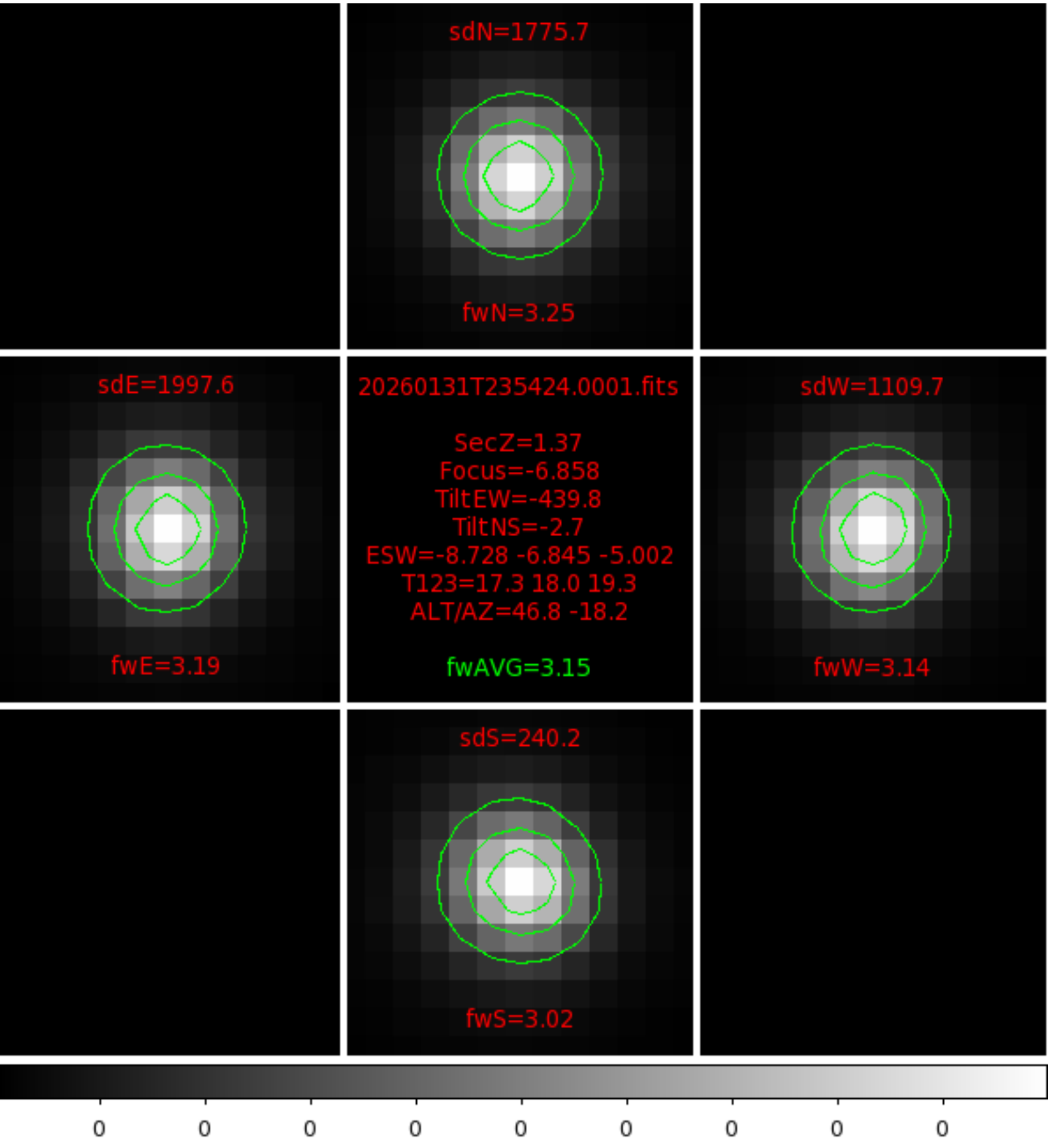
sdN=1775.7
fwN=3.25
sdE=1997.6
fwE=3.19
20260131T235424.0001.fits
SecZ=1.37
Focus=-6.858
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.728 -6.845 -5.002
T123=17.3 18.0 19.3
ALT/AZ=46.8 -18.2
fwAVG=3.15
sdW=1109.7
fwW=3.14
sdS=240.2
fwS=3.02
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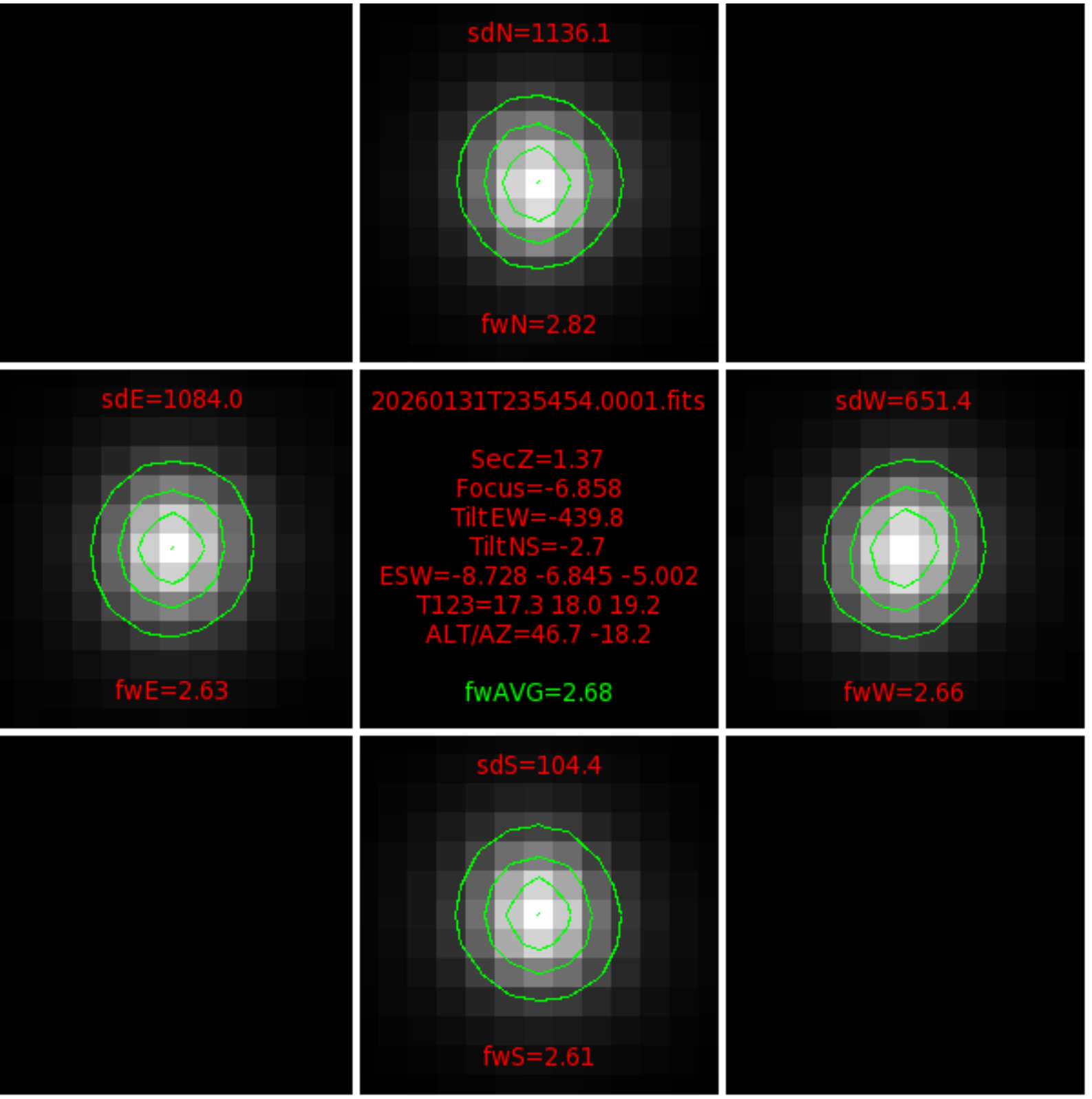
sdN=1136.1
fwN=2.82
sdE=1084.0
fwE=2.63
20260131T235454.0001.fits
SecZ=1.37
Focus=-6.858
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.728 -6.845 -5.002
T123=17.3 18.0 19.2
ALT/AZ=46.7 -18.2
fwAVG=2.68
sdW=651.4
fwW=2.66
sdS=104.4
fwS=2.61
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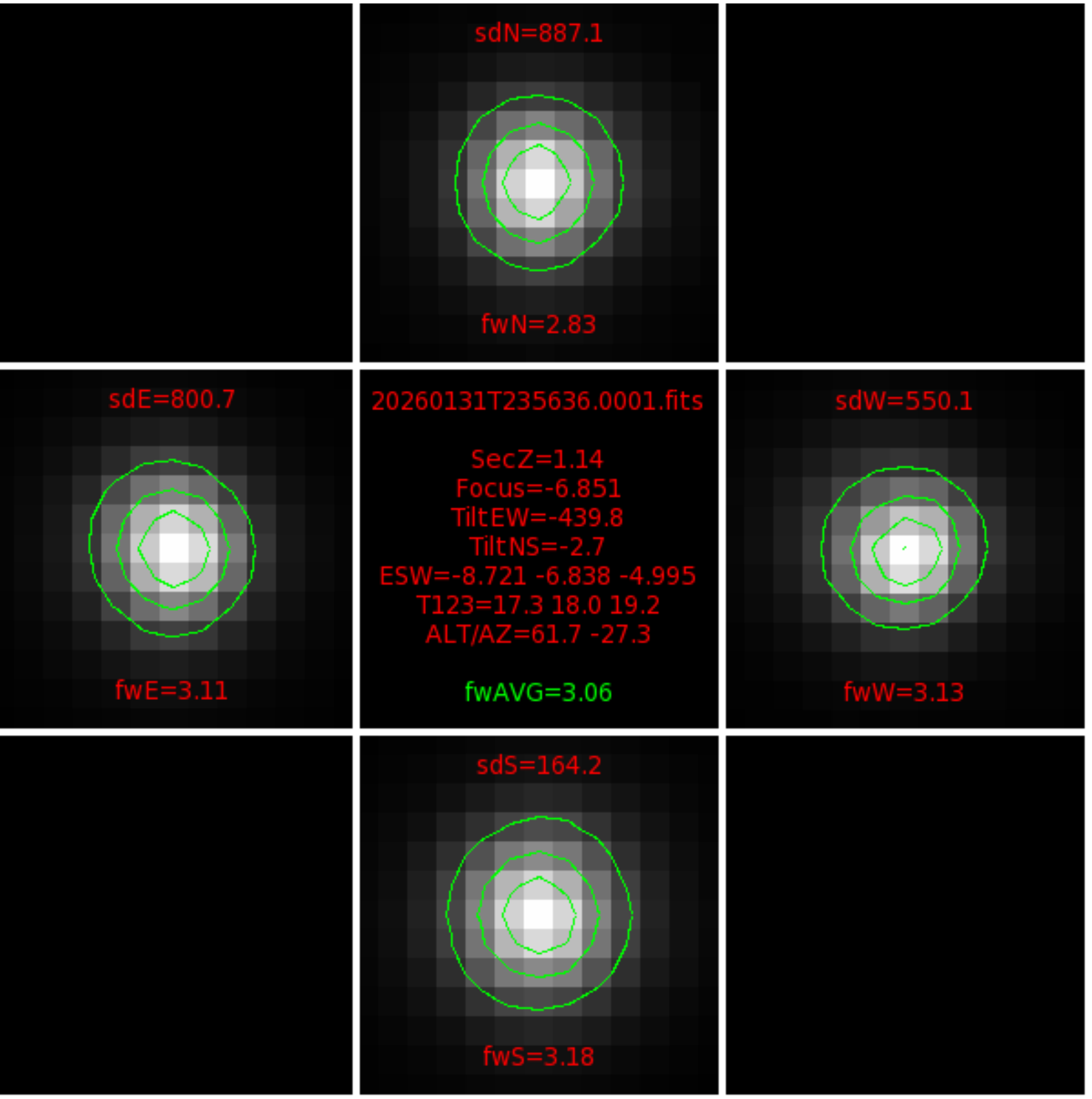
sdN=887.1
fwN=2.83
sdE=800.7
fwE=3.11
20260131T235636.0001.fits
SecZ=1.14
Focus=-6.851
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.721 -6.838 -4.995
T123=17.3 18.0 19.2
ALT/AZ=61.7 -27.3
fwAVG=3.06
sdW=550.1
fwW=3.13
sdS=164.2
fwS=3.18
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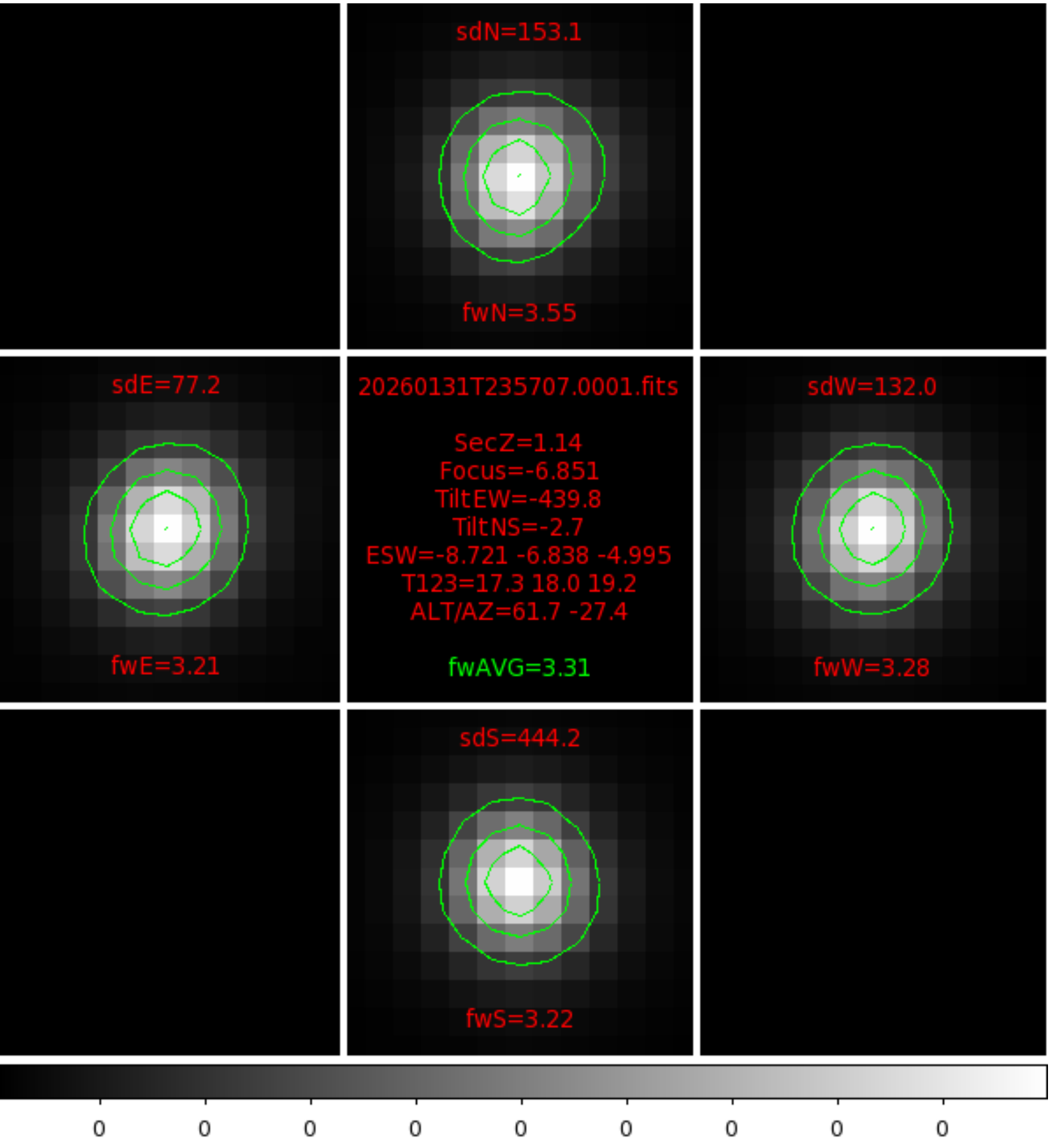
sdN=153.1
fwN=3.55
sdE=77.2
fwE=3.21
20260131T235707.0001.fits
SecZ=1.14
Focus=-6.851
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.721 -6.838 -4.995
T123=17.3 18.0 19.2
ALT/AZ=61.7 -27.4
fwAVG=3.31
sdW=132.0
fwW=3.28
sdS=444.2
fwS=3.22
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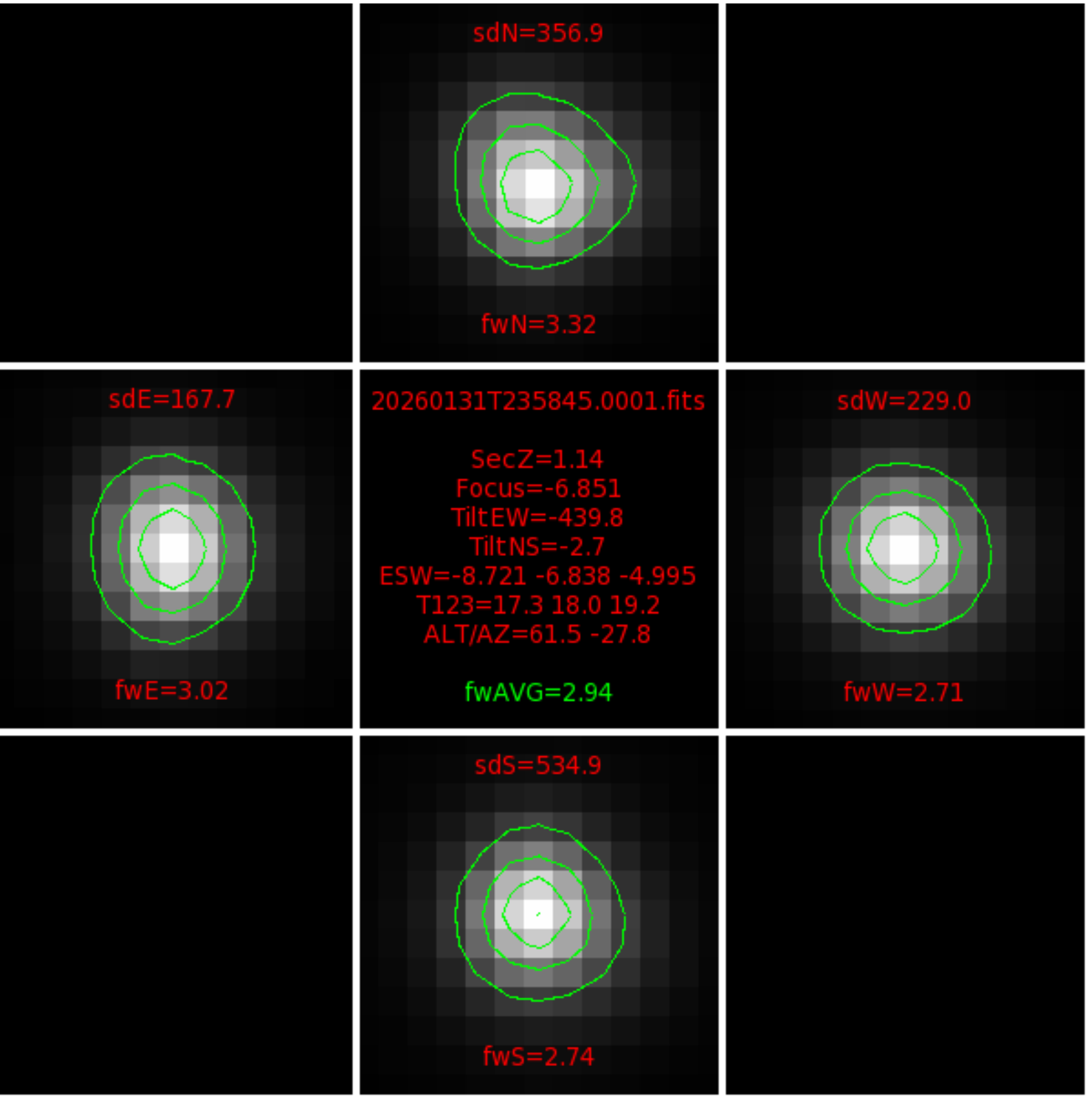
sdN=356.9
fwN=3.32
sdE=167.7
fwE=3.02
20260131T235845.0001.fits
SecZ=1.14
Focus=-6.851
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.721 -6.838 -4.995
T123=17.3 18.0 19.2
ALT/AZ=61.5 -27.8
fwAVG=2.94
sdW=229.0
fwW=2.71
sdS=534.9
fwS=2.74
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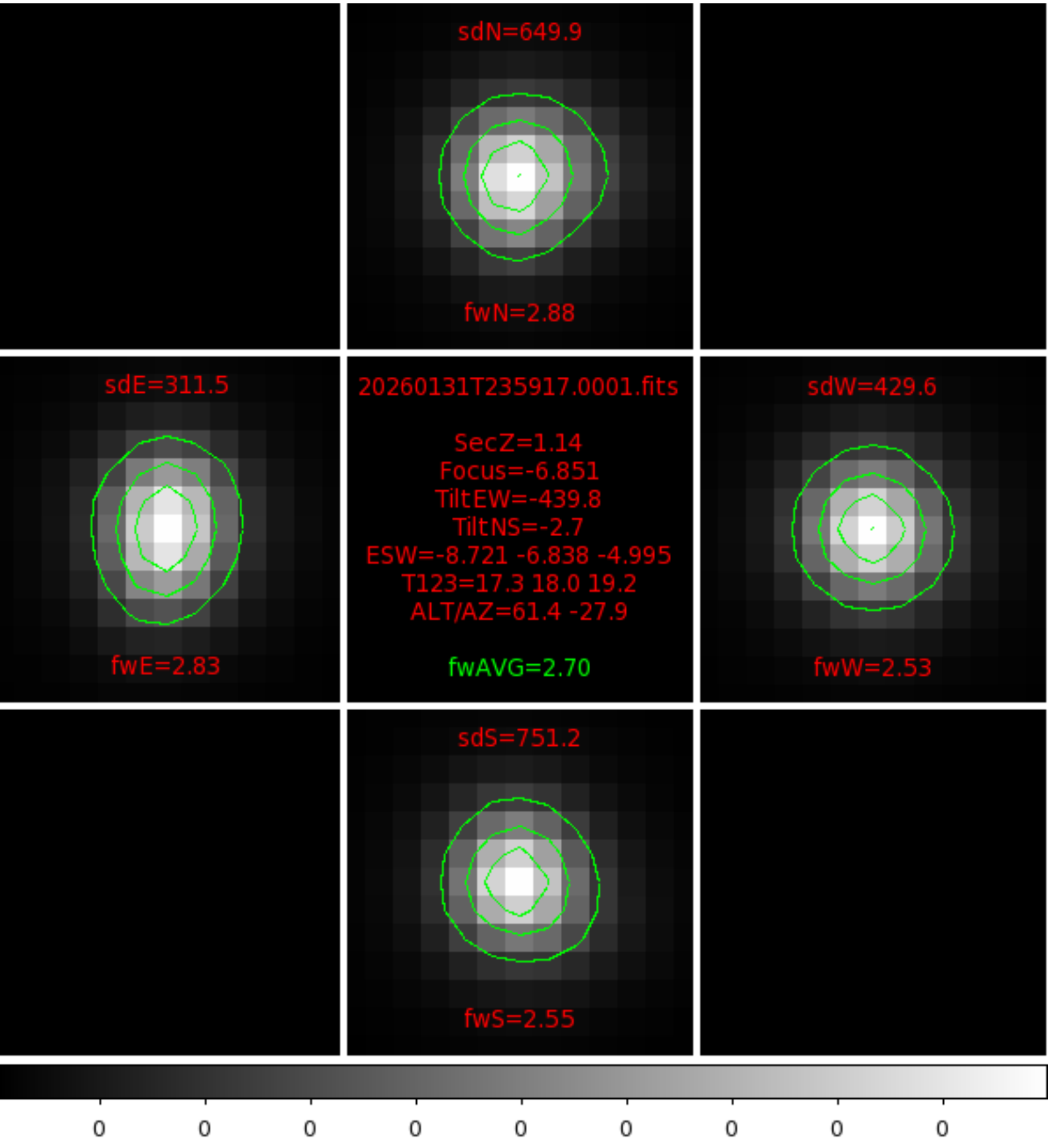
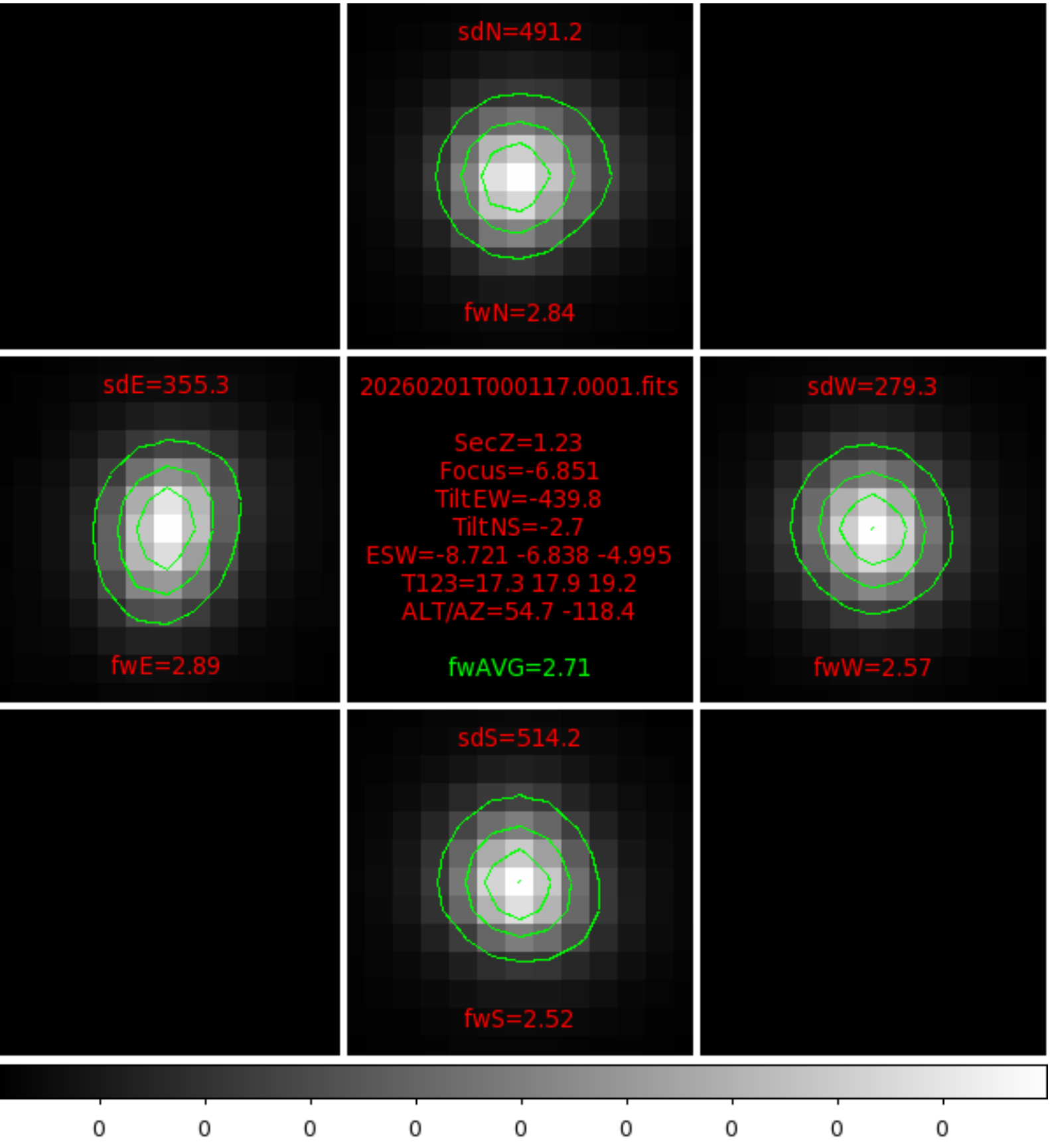
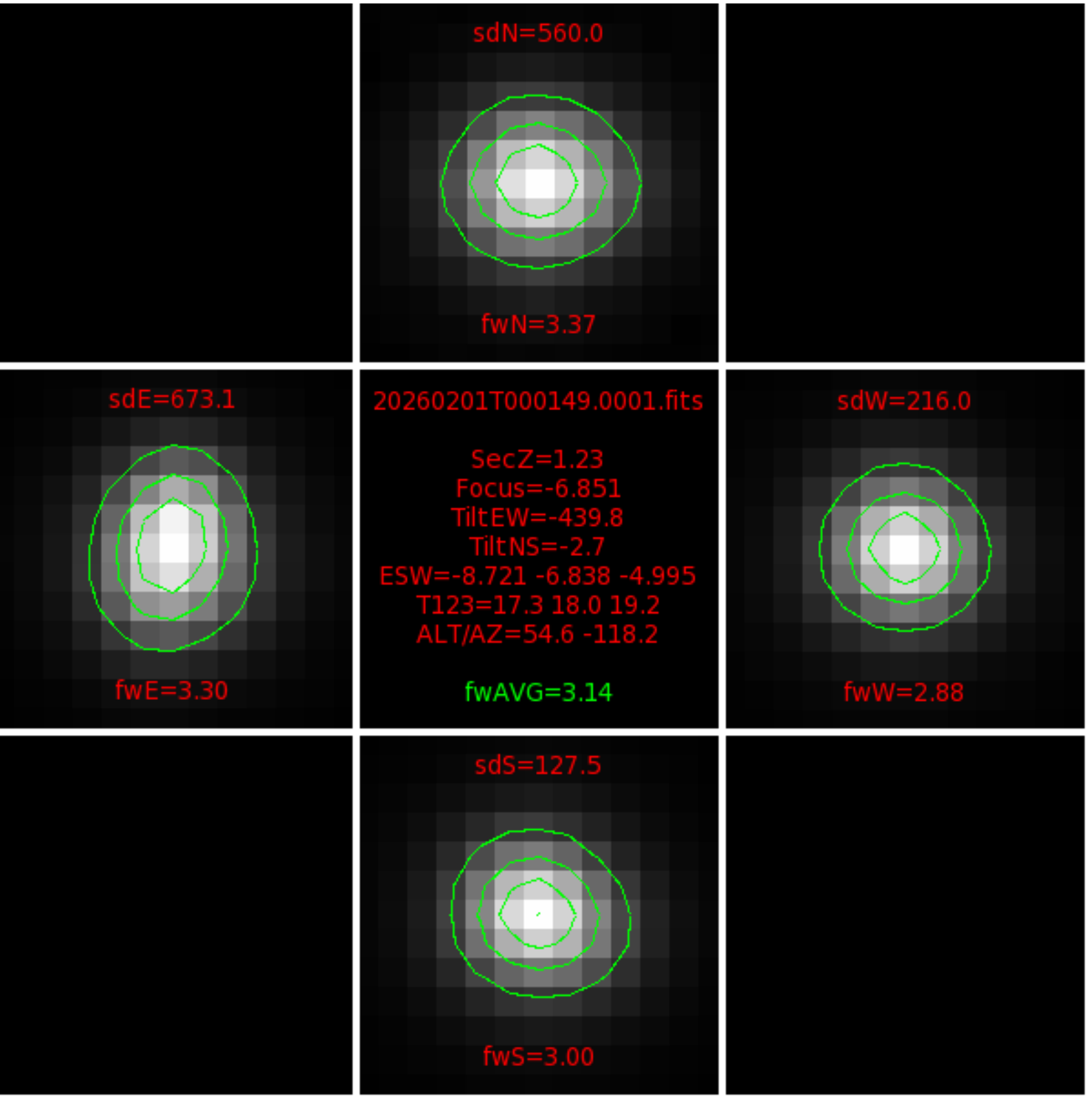

sdN=649.9
fwN=2.88
sdE=311.5
fwE=2.83
20260131T235917.0001.fits
SecZ=1.14
Focus=-6.851
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.721 -6.838 -4.995
T123=17.3 18.0 19.2
ALT/AZ=61.4 -27.9
fwAVG=2.70
sdW=429.6
fwW=2.53
sdS=751.2
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=491.2
fwN=2.84
sdE=355.3
fwE=2.89
20260201T000117.0001.fits
SecZ=1.23
Focus=-6.851
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.721 -6.838 -4.995
T123=17.3 17.9 19.2
ALT/AZ=54.7 -118.4
fwAVG=2.71
sdW=279.3
fwW=2.57
sdS=514.2
fwS=2.52
0 0 0 0 0 0 0 0 0


sdN=560.0
fwN=3.37
sdE=673.1
fwE=3.30
20260201T000149.0001.fits
SecZ=1.23
Focus=-6.851
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.721 -6.838 -4.995
T123=17.3 18.0 19.2
ALT/AZ=54.6 -118.2
fwAVG=3.14
sdW=216.0
fwW=2.88
sdS=127.5
fwS=3.00
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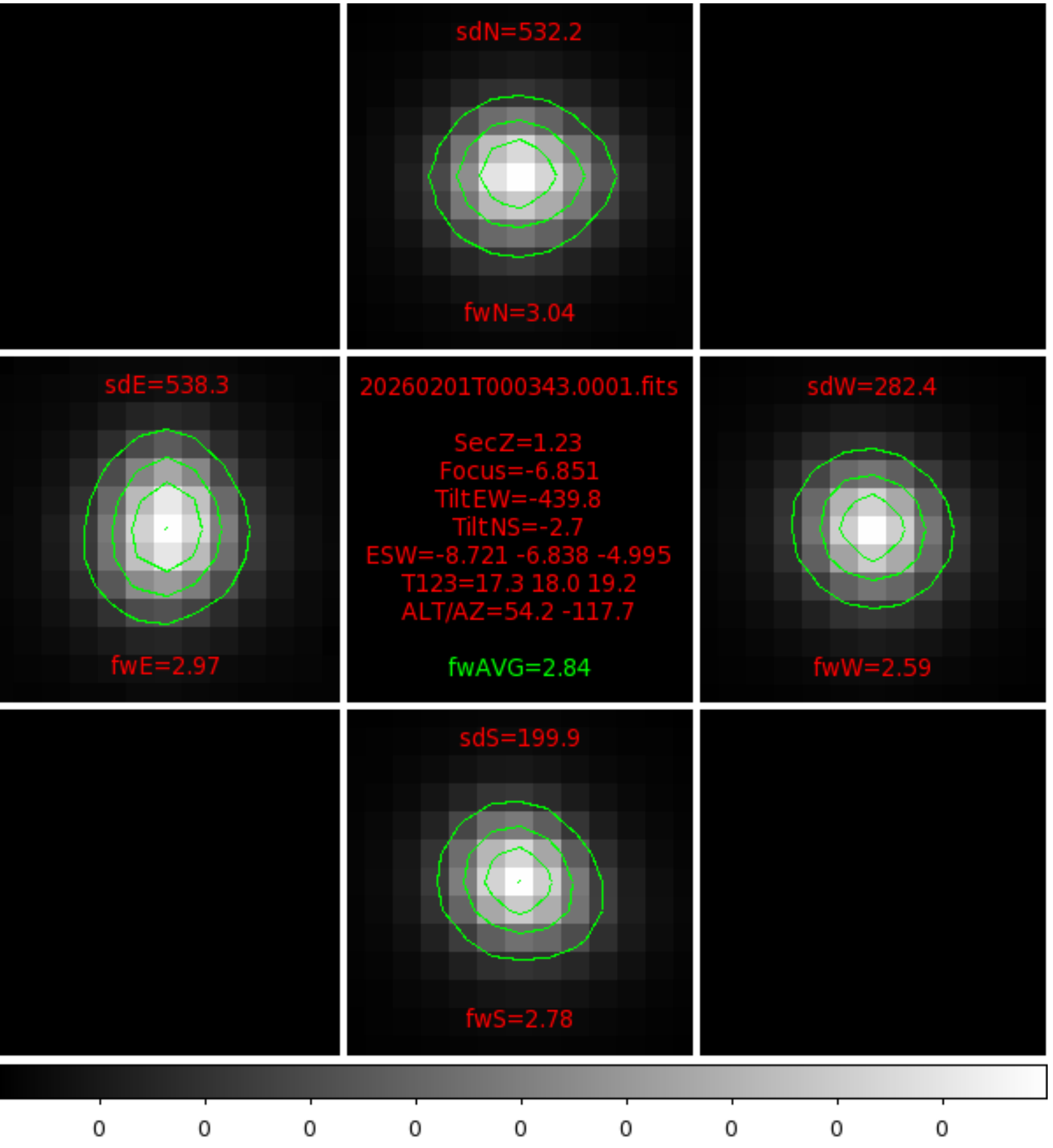
sdN=532.2
fwN=3.04
sdE=538.3
fwE=2.97
20260201T000343.0001.fits
SecZ=1.23
Focus=-6.851
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.721 -6.838 -4.995
T123=17.3 18.0 19.2
ALT/AZ=54.2 -117.7
fwAVG=2.84
sdW=282.4
fwW=2.59
sdS=199.9
fwS=2.78
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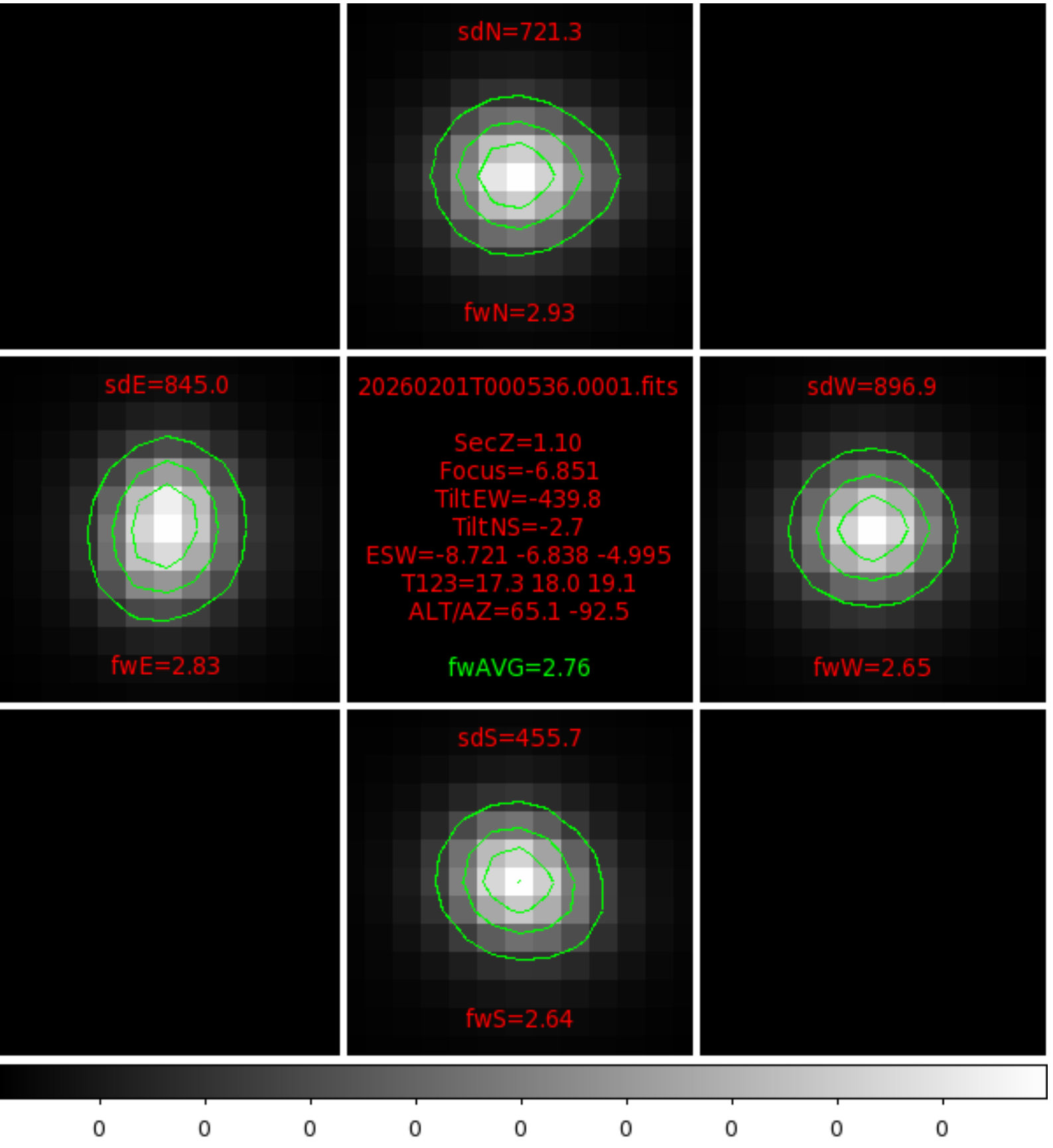
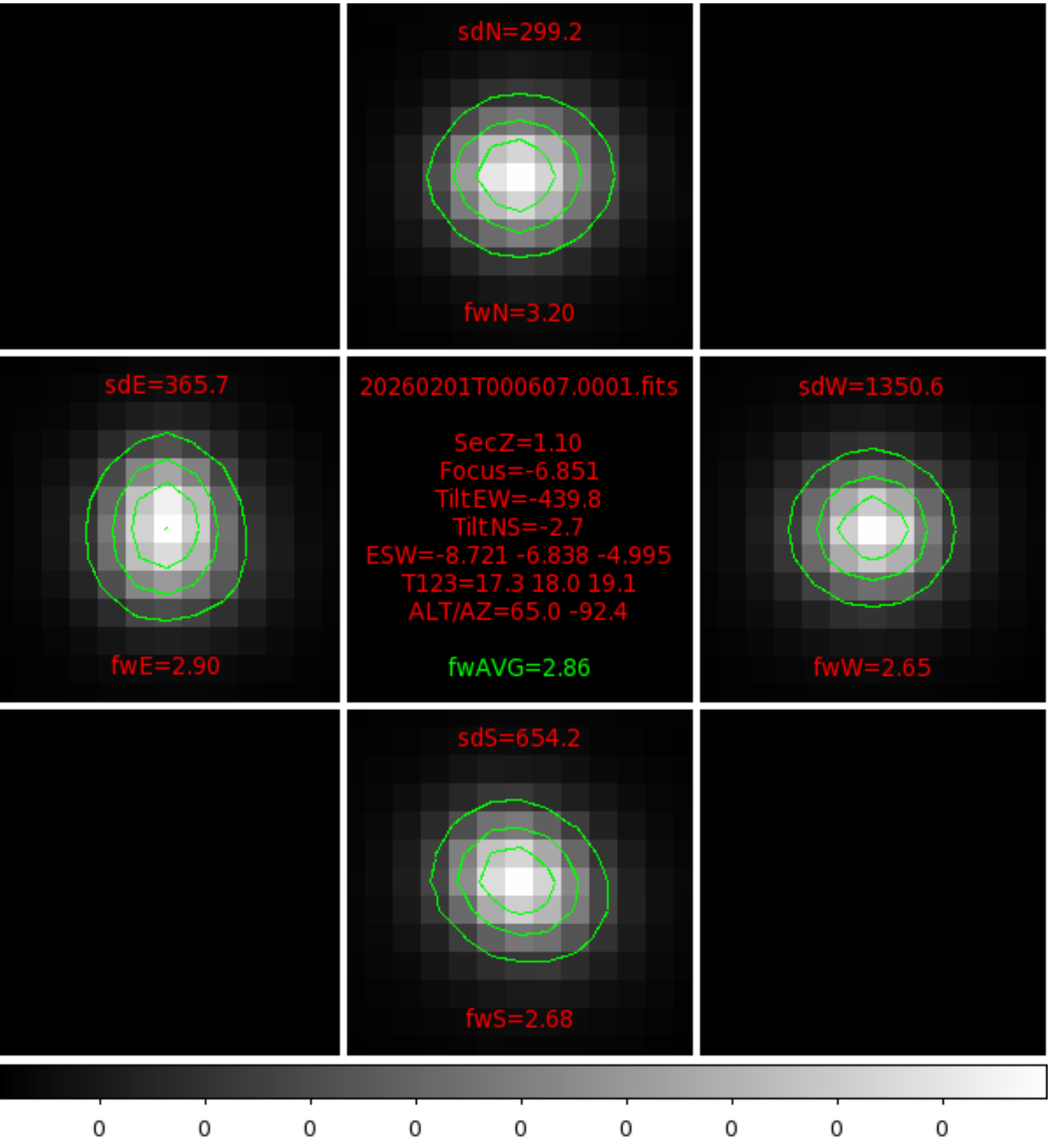

sdN=721.3
fwN=2.93
sdE=845.0
fwE=2.83
20260201T000536.0001.fits
SecZ=1.10
Focus=-6.851
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.721 -6.838 -4.995
T123=17.3 18.0 19.1
ALT/AZ=65.1 -92.5
fwAVG=2.76
sdW=896.9
fwW=2.65
sdS=455.7
fwS=2.64
0 0 0 0 0 0 0 0 0


sdN=299.2
fwN=3.20
sdE=365.7
fwE=2.90
20260201T000607.0001.fits
SecZ=1.10
Focus=-6.851
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.721 -6.838 -4.995
T123=17.3 18.0 19.1
ALT/AZ=65.0 -92.4
fwAVG=2.86
sdW=1350.6
fwW=2.65
sdS=654.2
fwS=2.68
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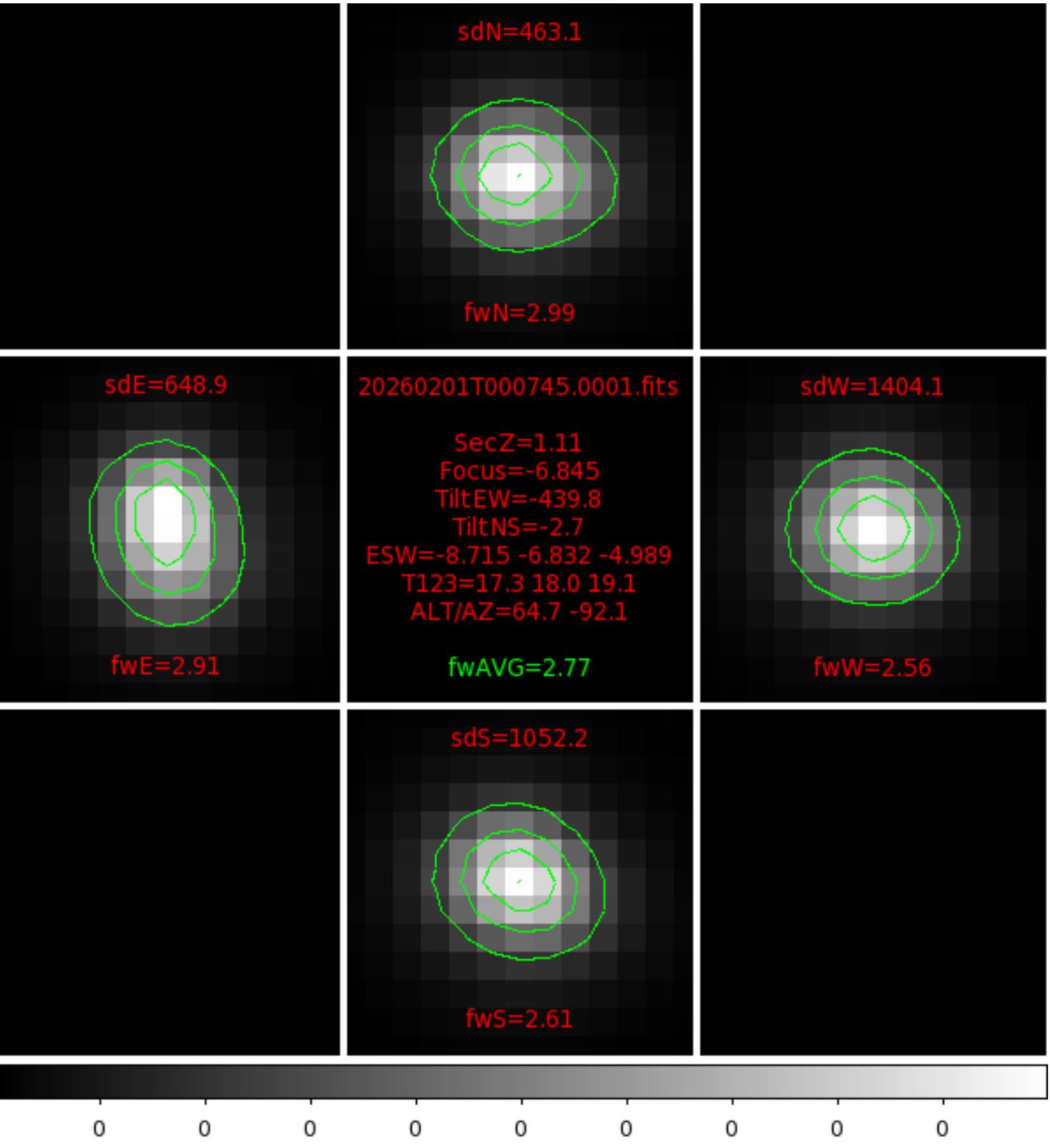
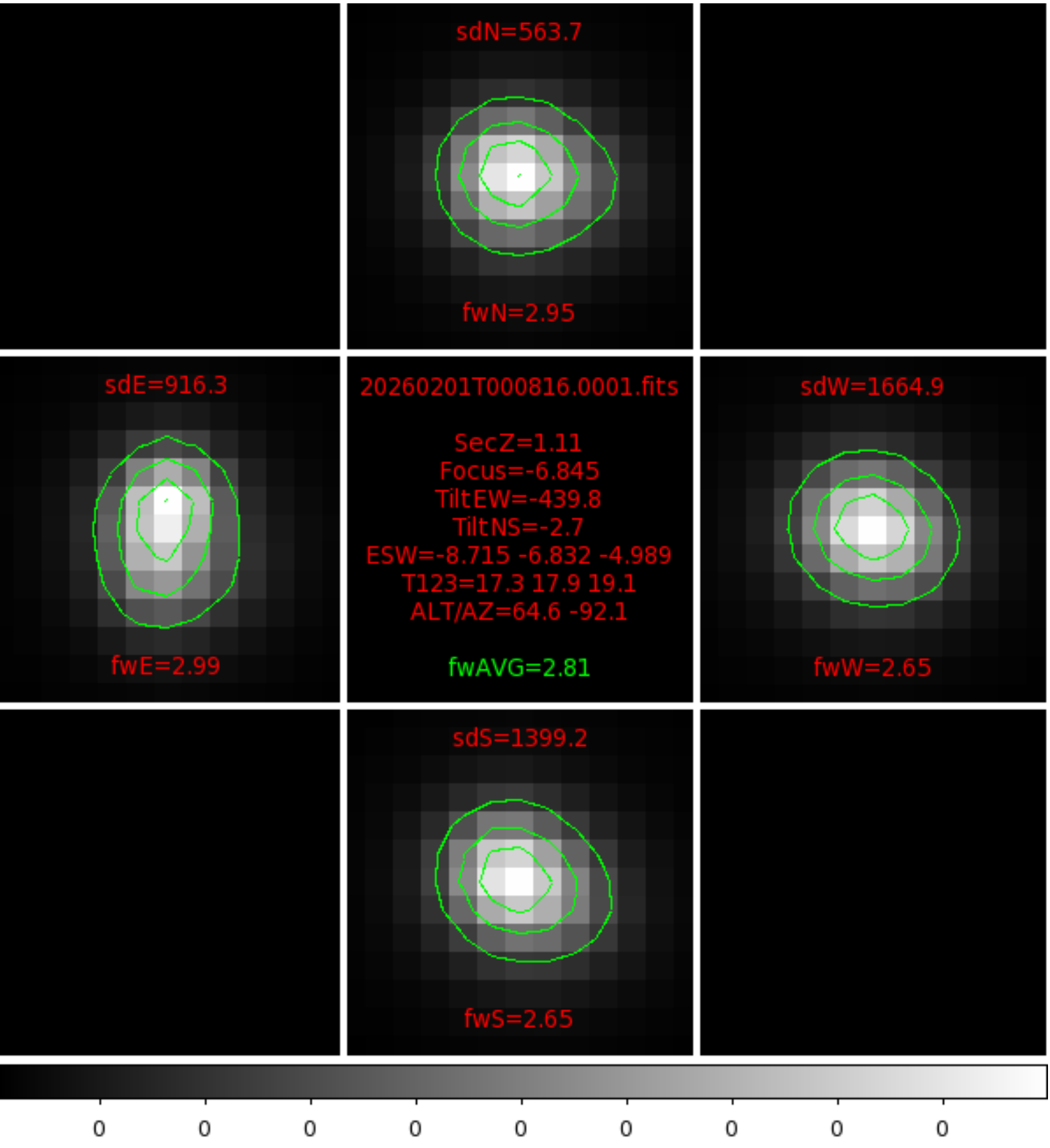

sdN=463.1
fwN=2.99
sdE=648.9
fwE=2.91
20260201T000745.0001.fits
SecZ=1.11
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.3 18.0 19.1
ALT/AZ=64.7 -92.1
fwAVG=2.77
sdW=1404.1
fwW=2.56
sdS=1052.2
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=563.7
fwN=2.95
sdE=916.3
fwE=2.99
20260201T000816.0001.fits
SecZ=1.11
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.3 17.9 19.1
ALT/AZ=64.6 -92.1
fwAVG=2.81
sdW=1664.9
fwW=2.65
sdS=1399.2
fwS=2.65
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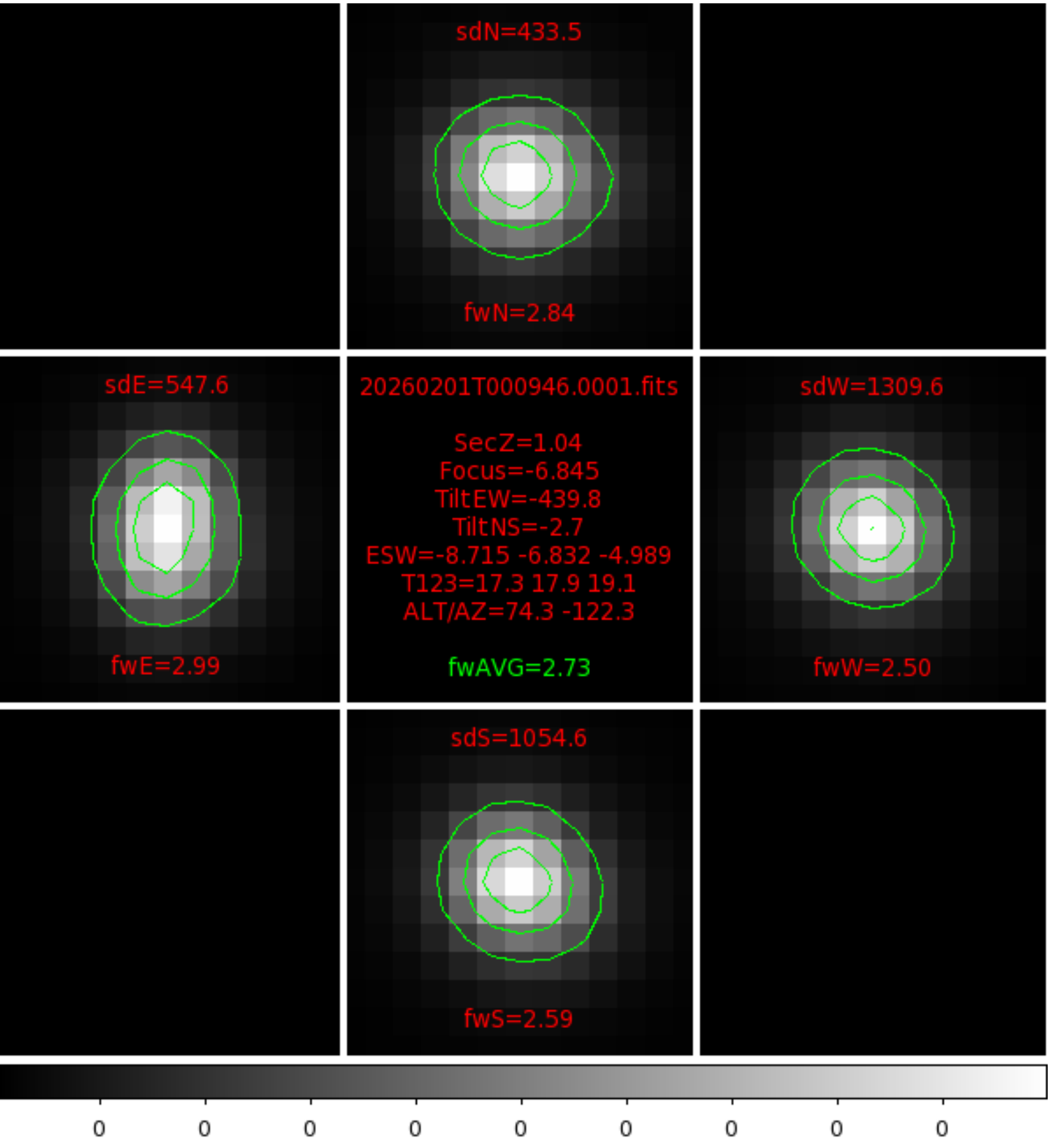
sdN=433.5
fwN=2.84
sdE=547.6
fwE=2.99
20260201T000946.0001.fits
SecZ=1.04
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.3 17.9 19.1
ALT/AZ=74.3 -122.3
fwAVG=2.73
sdW=1309.6
fwW=2.50
sdS=1054.6
fwS=2.59
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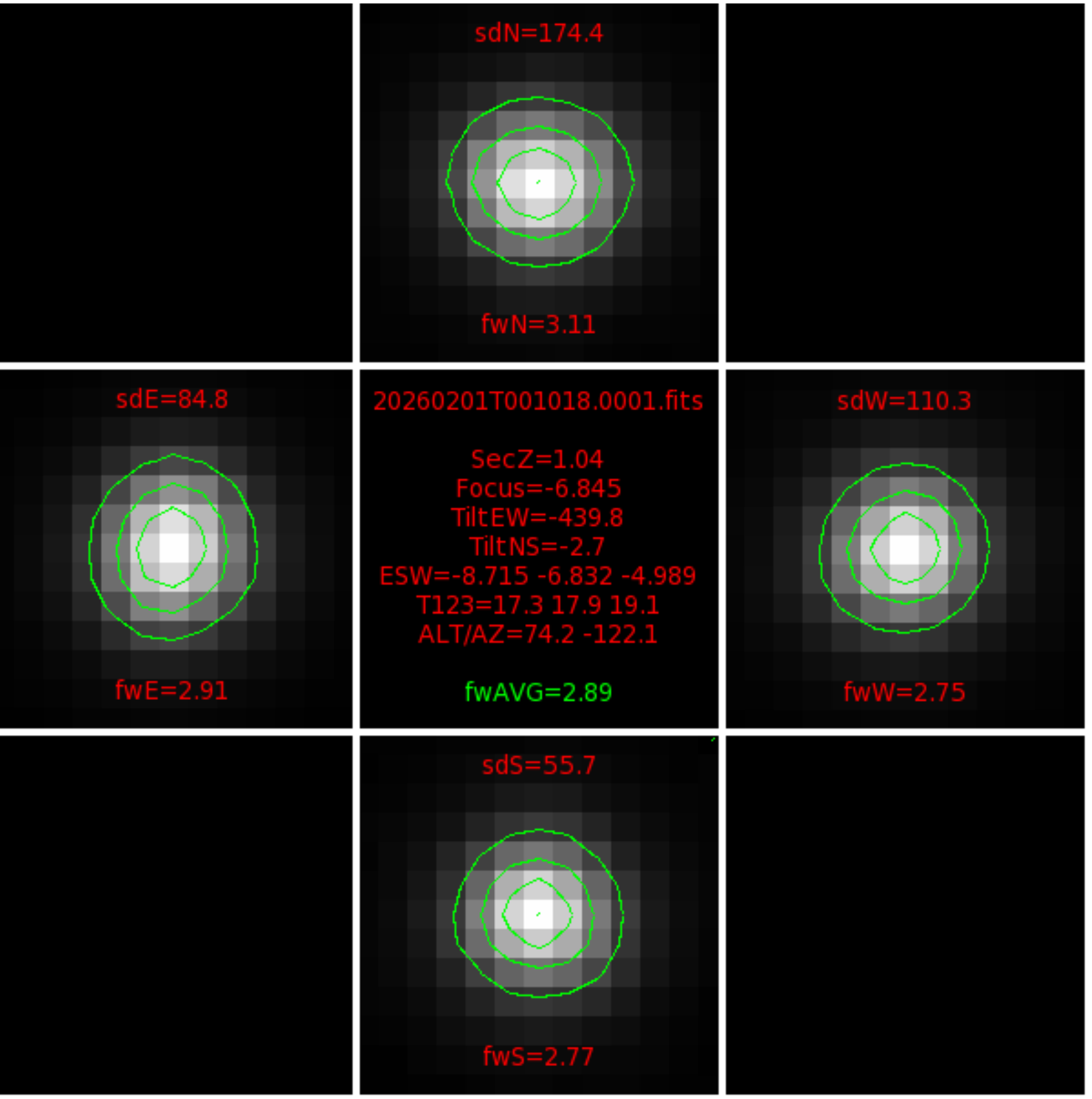
sdN=174.4
fwN=3.11
sdE=84.8
fwE=2.91
20260201T001018.0001.fits
SecZ=1.04
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.3 17.9 19.1
ALT/AZ=74.2 -122.1
fwAVG=2.89
sdW=110.3
fwW=2.75
sdS=55.7
fwS=2.77
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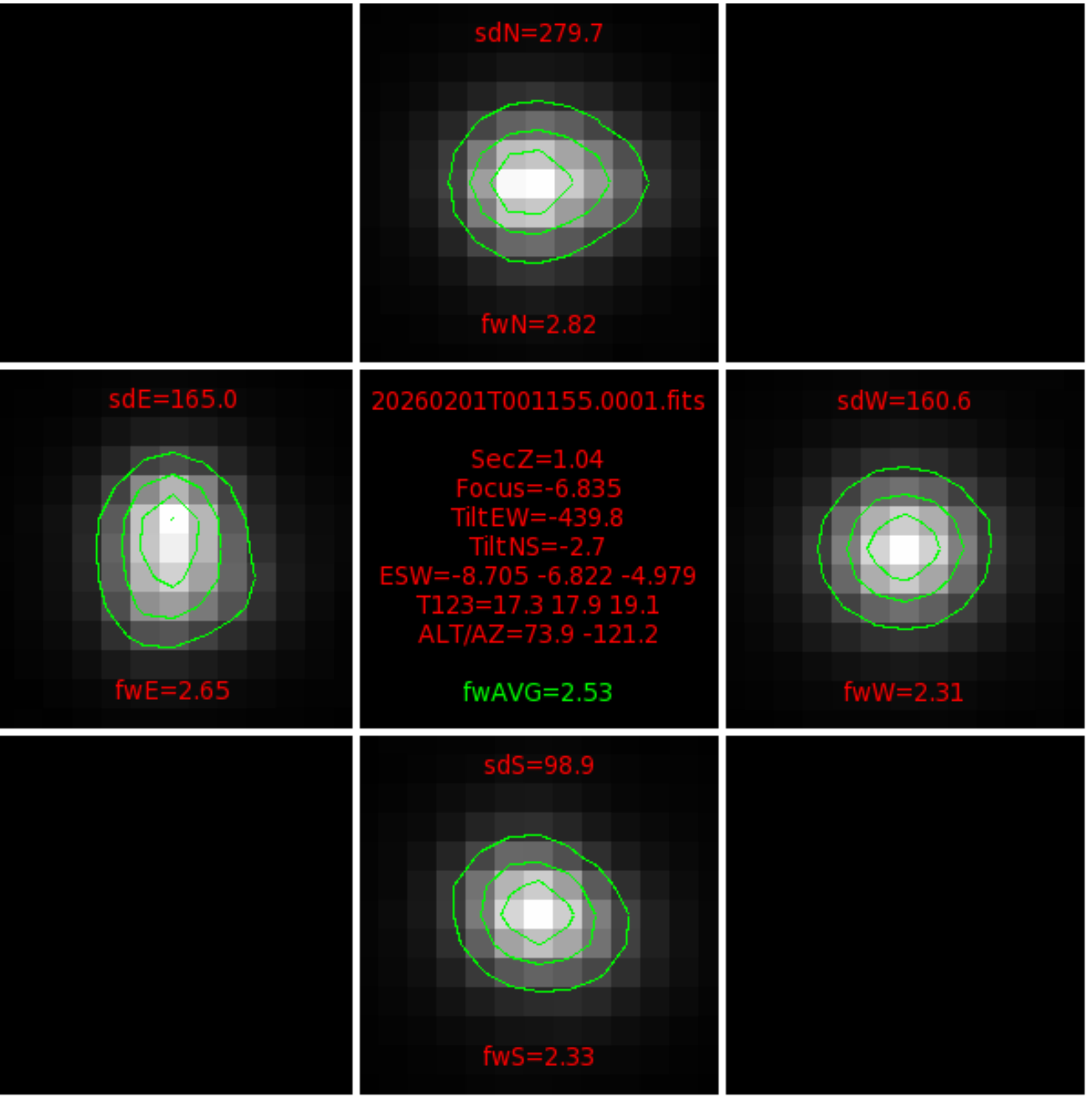
sdN=279.7
fwN=2.82
sdE=165.0
fwE=2.65
20260201T001155.0001.fits
SecZ=1.04
Focus=-6.835
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.705 -6.822 -4.979
T123=17.3 17.9 19.1
ALT/AZ=73.9 -121.2
fwAVG=2.53
sdW=160.6
fwW=2.31
sdS=98.9
fwS=2.33
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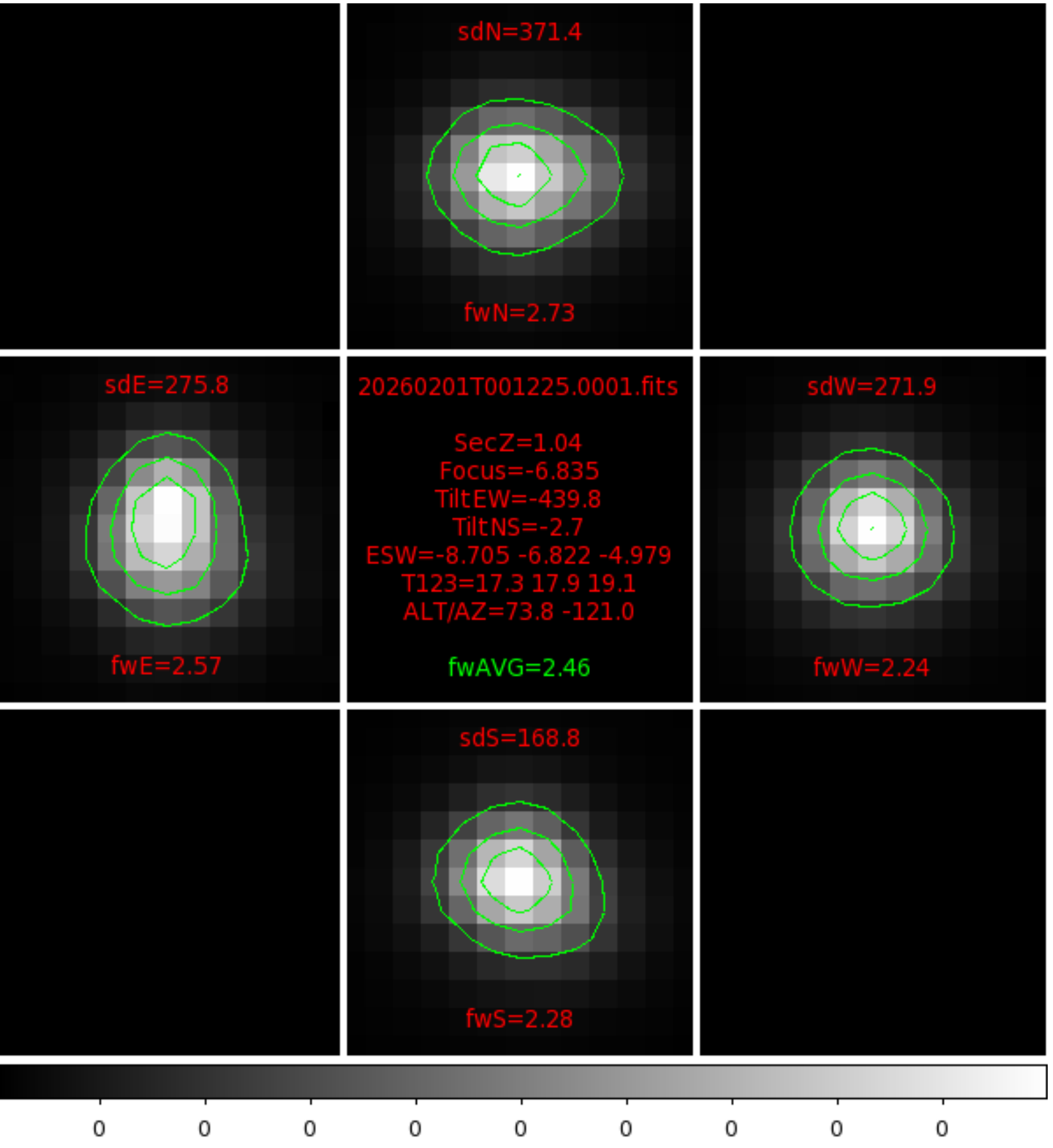
sdN=371.4
fwN=2.73
sdE=275.8
fwE=2.57
20260201T001225.0001.fits
SecZ=1.04
Focus=-6.835
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.705 -6.822 -4.979
T123=17.3 17.9 19.1
ALT/AZ=73.8 -121.0
fwAVG=2.46
sdW=271.9
fwW=2.24
sdS=168.8
fwS=2.28
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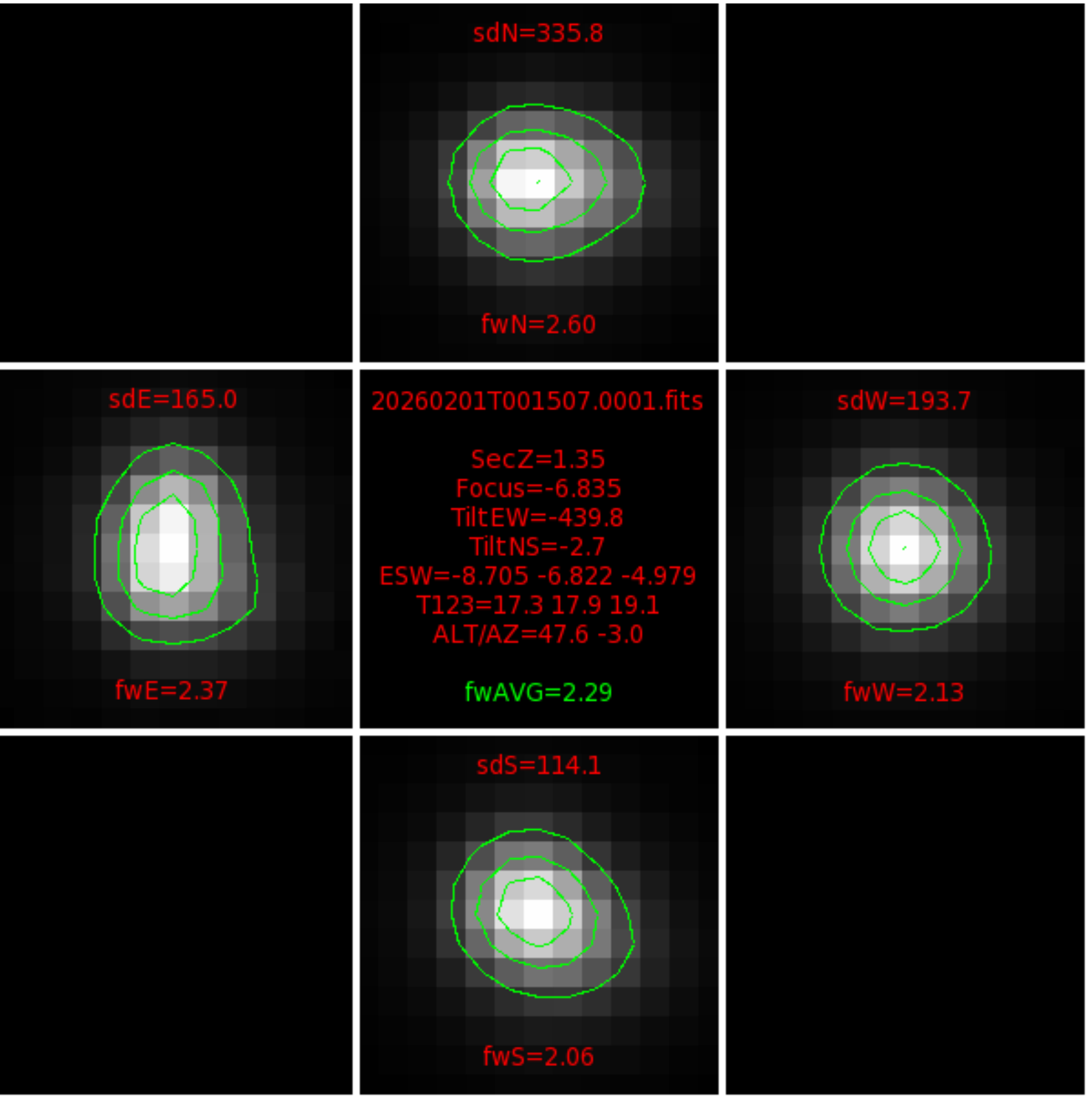
sdN=335.8
fwN=2.60
sdE=165.0
fwE=2.37
20260201T001507.0001.fits
SecZ=1.35
Focus=-6.835
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.705 -6.822 -4.979
T123=17.3 17.9 19.1
ALT/AZ=47.6 -3.0
fwAVG=2.29
sdW=193.7
fwW=2.13
sdS=114.1
fwS=2.06
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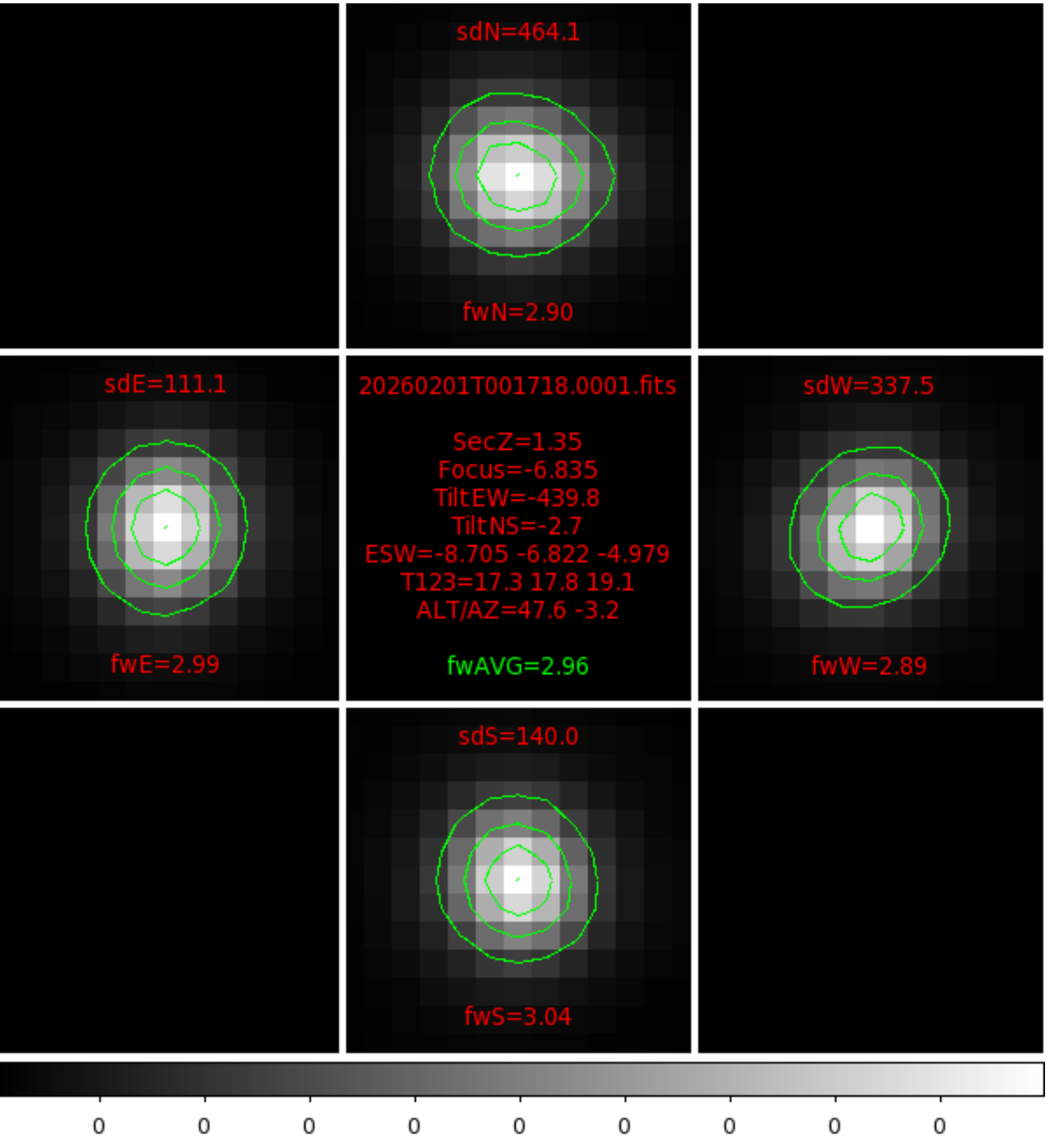
sdN=464.1
fwN=2.90
sdE=111.1
fwE=2.99
20260201T001718.0001.fits
SecZ=1.35
Focus=-6.835
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.705 -6.822 -4.979
T123=17.3 17.8 19.1
ALT/AZ=47.6 -3.2
fwAVG=2.96
sdW=337.5
fwW=2.89
sdS=140.0
fwS=3.04
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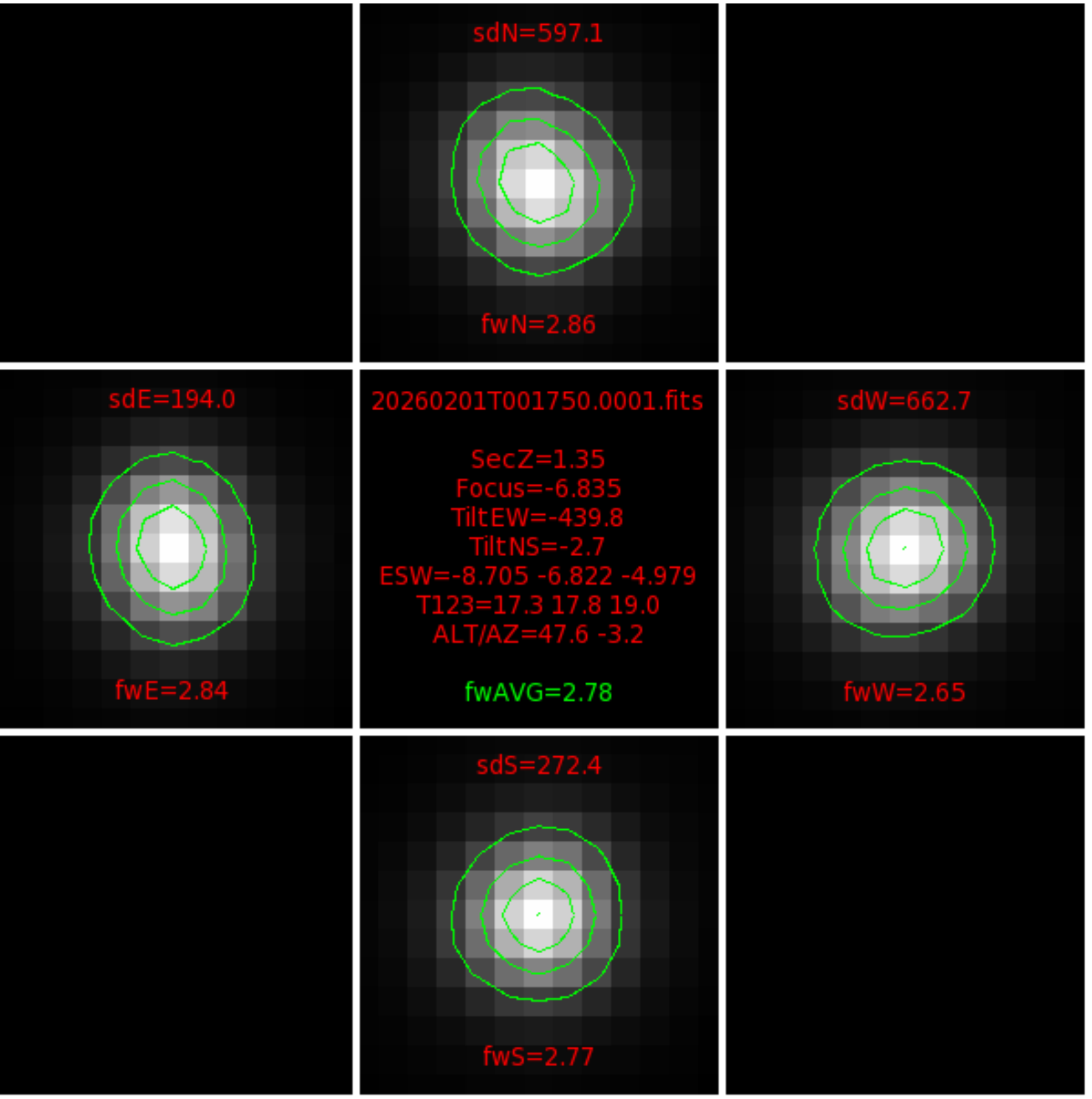
sdN=597.1
fwN=2.86
sdE=194.0
fwE=2.84
20260201T001750.0001.fits
SecZ=1.35
Focus=-6.835
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.705 -6.822 -4.979
T123=17.3 17.8 19.0
ALT/AZ=47.6 -3.2
fwAVG=2.78
sdW=662.7
fwW=2.65
sdS=272.4
fwS=2.77
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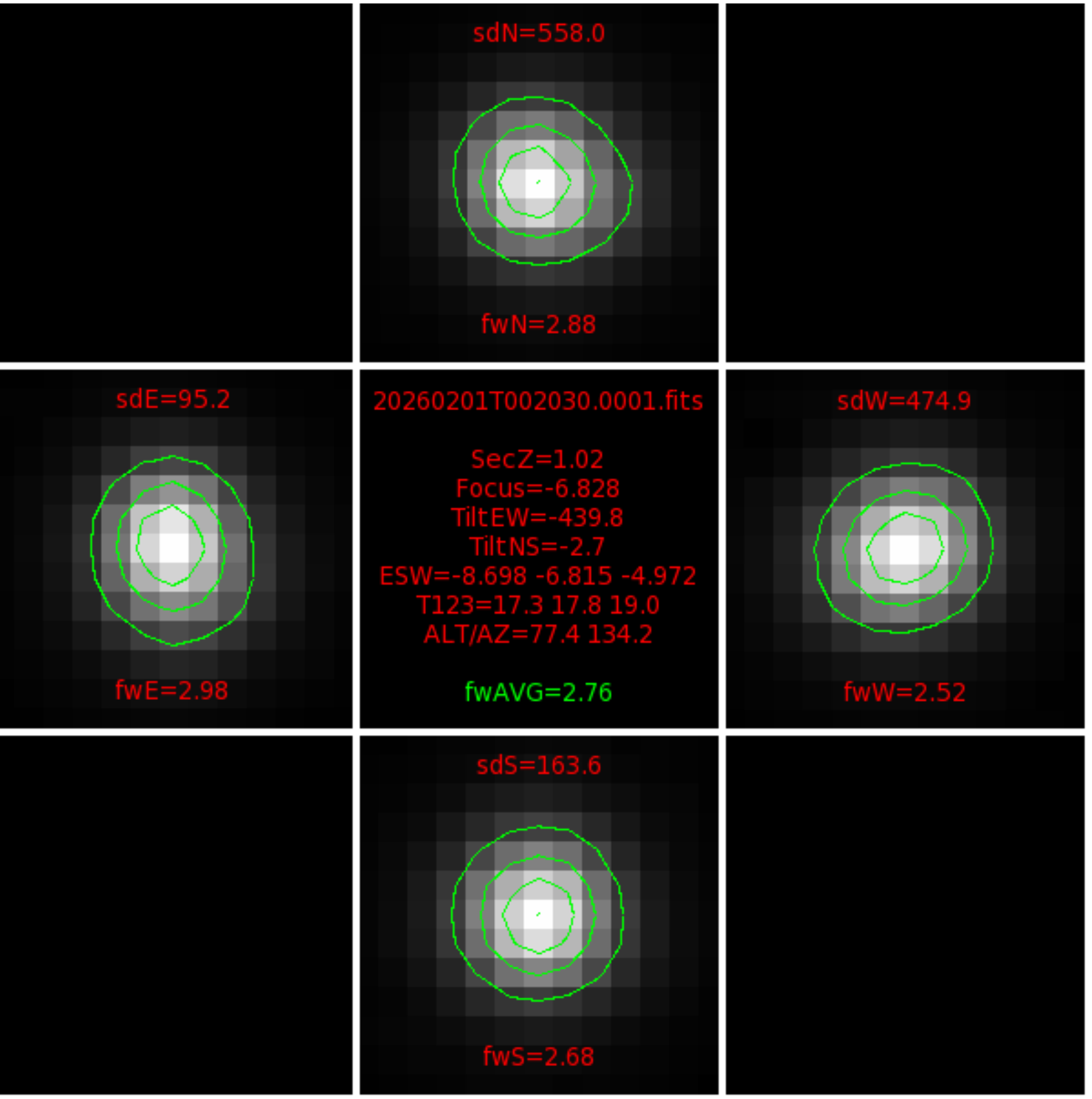
sdN=558.0
fwN=2.88
sdE=95.2
fwE=2.98
20260201T002030.0001.fits
SecZ=1.02
Focus=-6.828
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.698 -6.815 -4.972
T123=17.3 17.8 19.0
ALT/AZ=77.4 134.2
fwAVG=2.76
sdW=474.9
fwW=2.52
sdS=163.6
fwS=2.68
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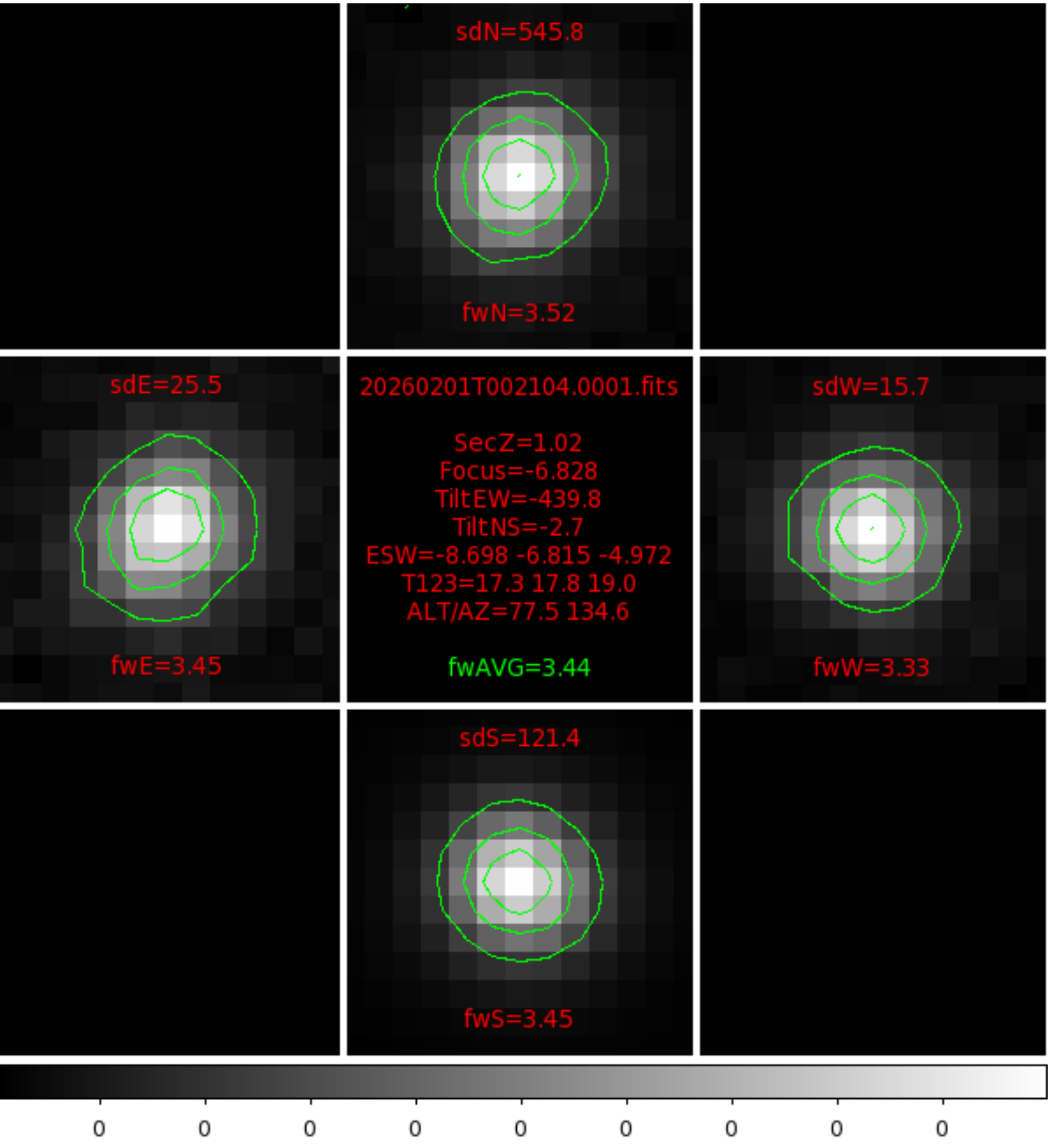
sdN=545.8
fwN=3.52
sdE=25.5
fwE=3.45
20260201T002104.0001.fits
SecZ=1.02
Focus=-6.828
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.698 -6.815 -4.972
T123=17.3 17.8 19.0
ALT/AZ=77.5 134.6
fwAVG=3.44
sdW=15.7
fwW=3.33
sdS=121.4
fwS=3.45
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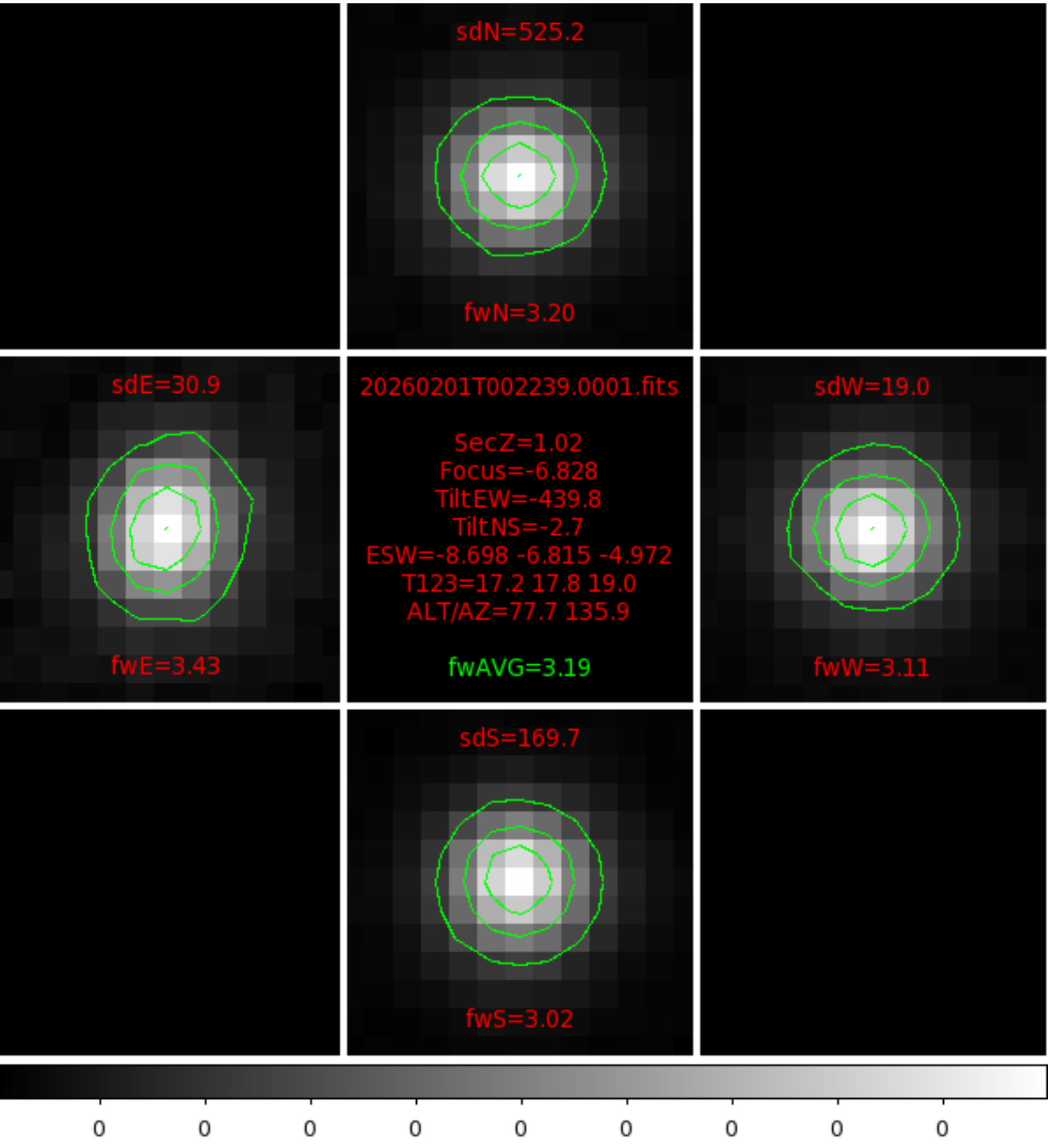
sdN=525.2
fwN=3.20
sdE=30.9
fwE=3.43
20260201T002239.0001.fits
SecZ=1.02
Focus=-6.828
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.698 -6.815 -4.972
T123=17.2 17.8 19.0
ALT/AZ=77.7 135.9
fwAVG=3.19
sdW=19.0
fwW=3.11
sdS=169.7
fwS=3.02
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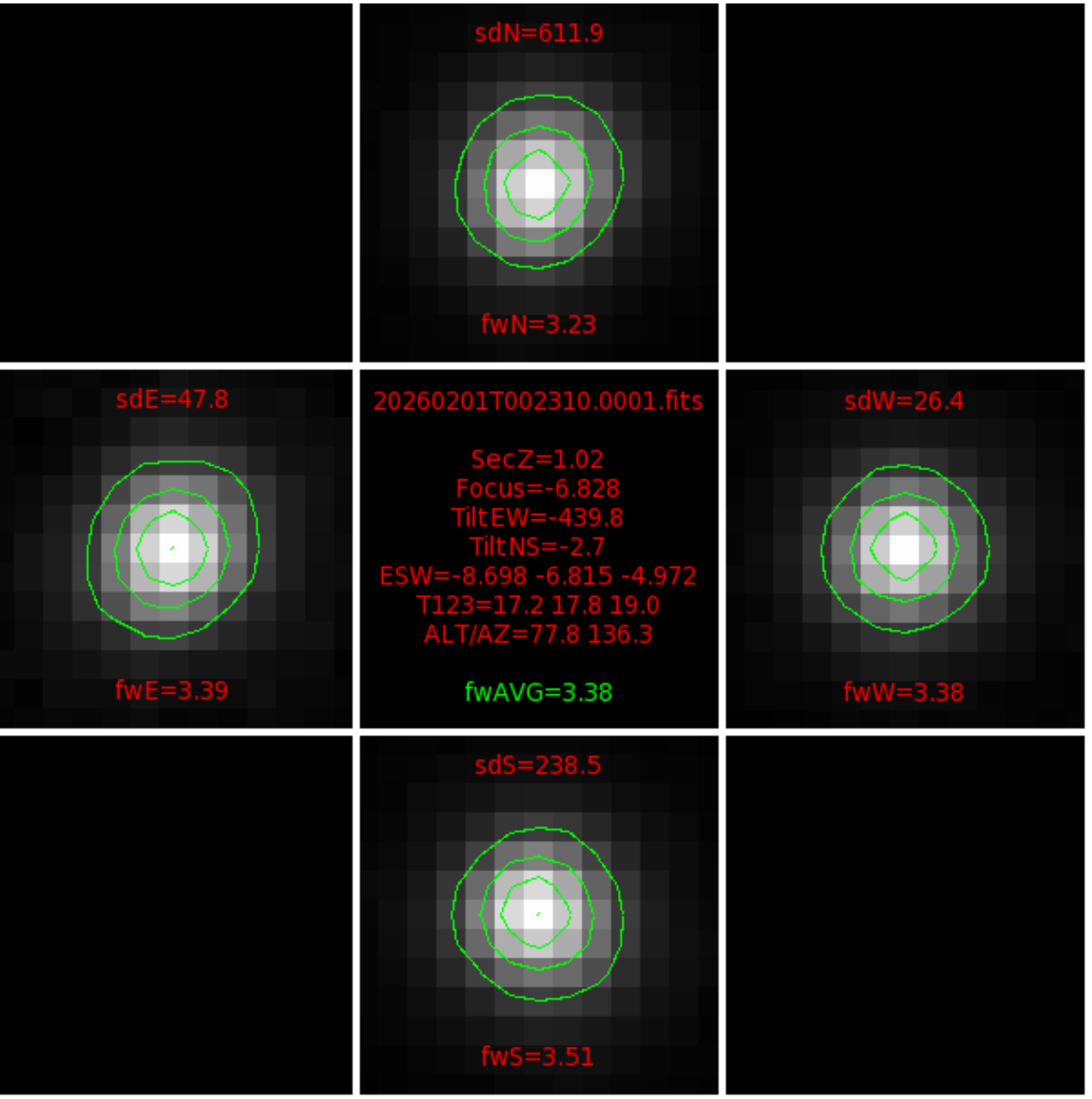
sdN=611.9
fwN=3.23
sdE=47.8
fwE=3.39
20260201T002310.0001.fits
SecZ=1.02
Focus=-6.828
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.698 -6.815 -4.972
T123=17.2 17.8 19.0
ALT/AZ=77.8 136.3
fwAVG=3.38
sdW=26.4
fwW=3.38
sdS=238.5
fwS=3.51
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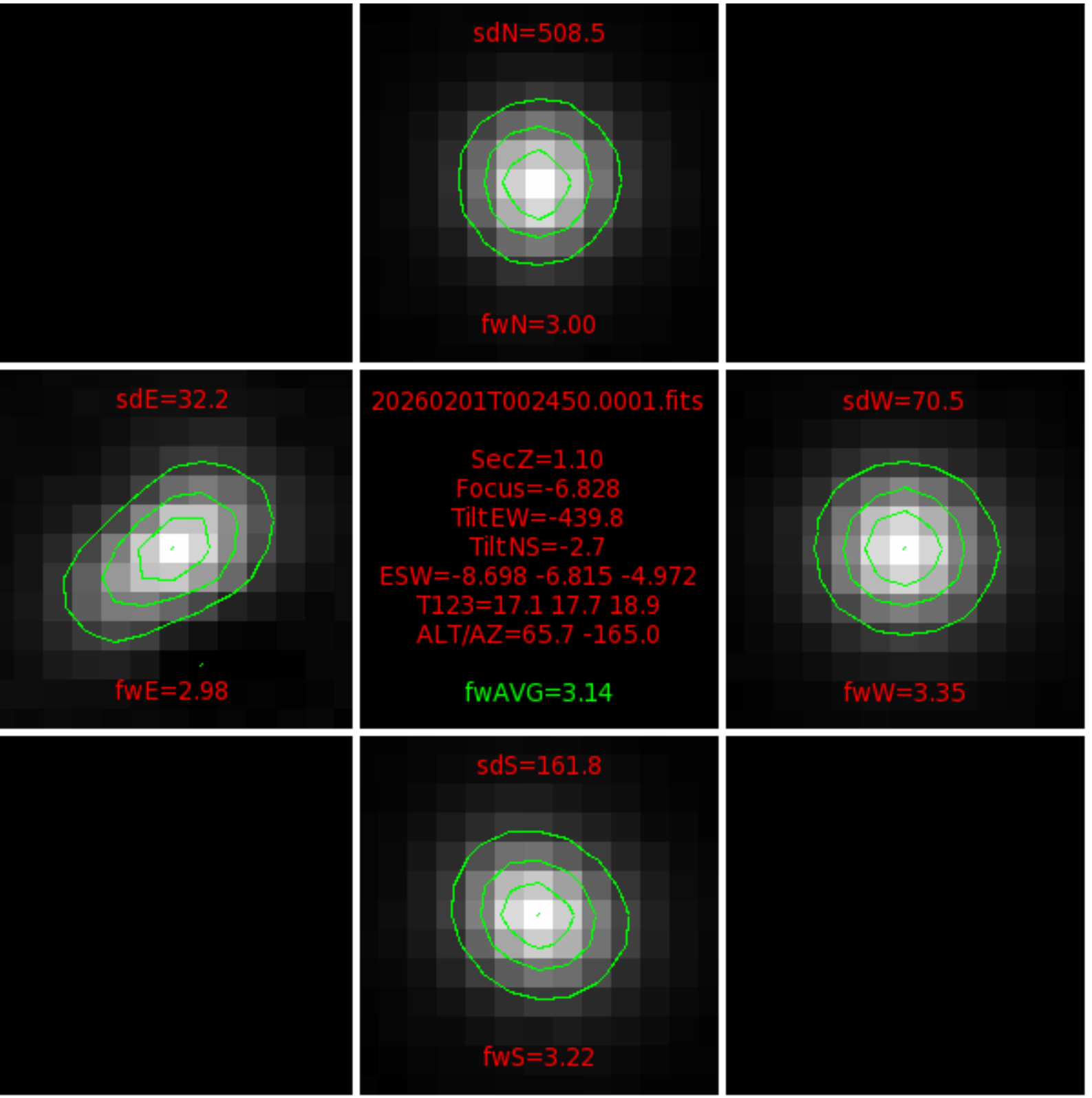
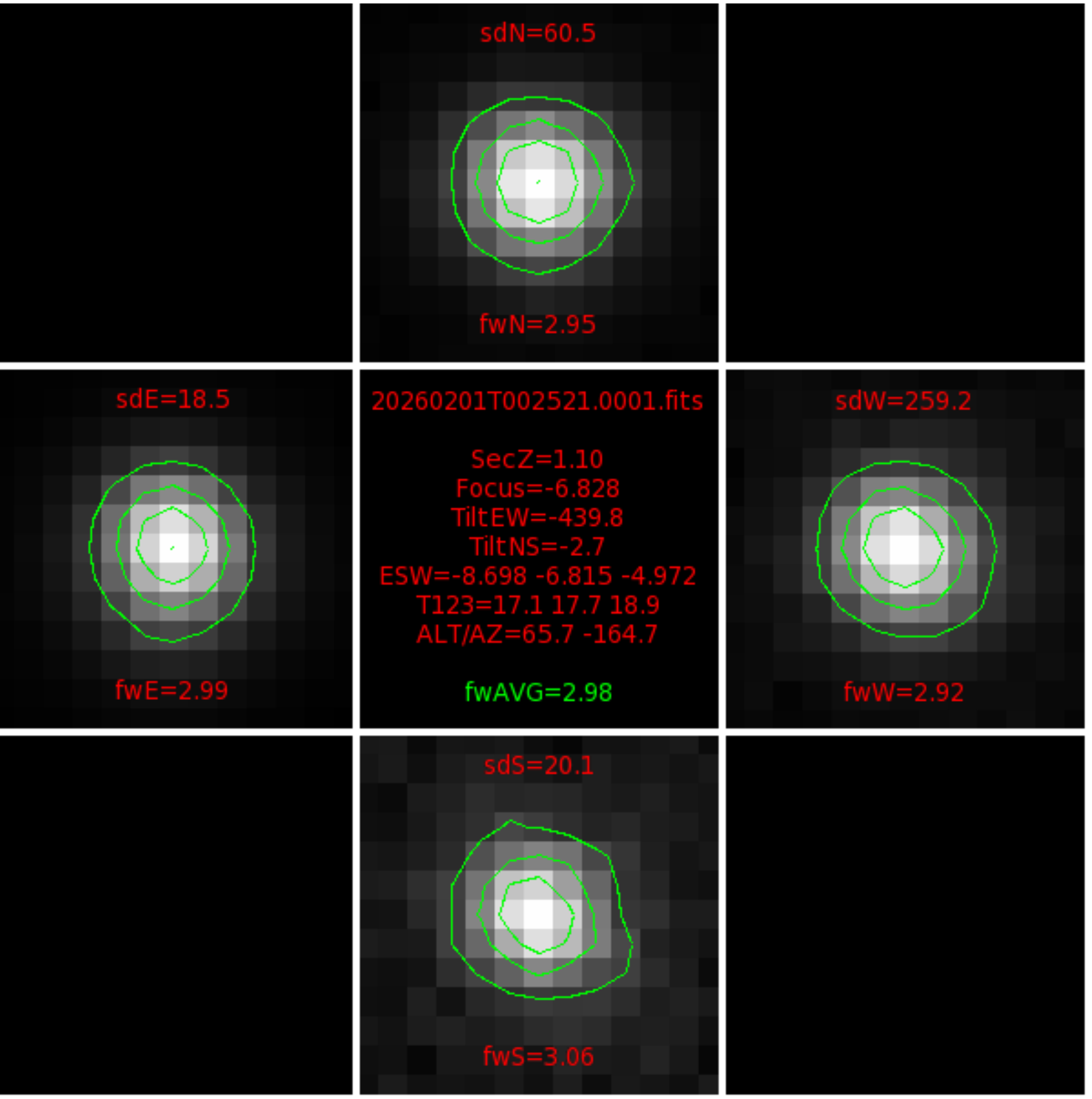

sdN=508.5
fwN=3.00
sdE=32.2
fwE=2.98
20260201T002450.0001.fits
SecZ=1.10
Focus=-6.828
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.698 -6.815 -4.972
T123=17.1 17.7 18.9
ALT/AZ=65.7 -165.0
fwAVG=3.14
sdW=70.5
fwW=3.35
sdS=161.8
fwS=3.22
0 0 0 0 0 0 0 0 0


sdN=60.5
fwN=2.95
sdE=18.5
fwE=2.99
20260201T002521.0001.fits
SecZ=1.10
Focus=-6.828
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.698 -6.815 -4.972
T123=17.1 17.7 18.9
ALT/AZ=65.7 -164.7
fwAVG=2.98
sdW=259.2
fwW=2.92
sdS=20.1
fwS=3.06
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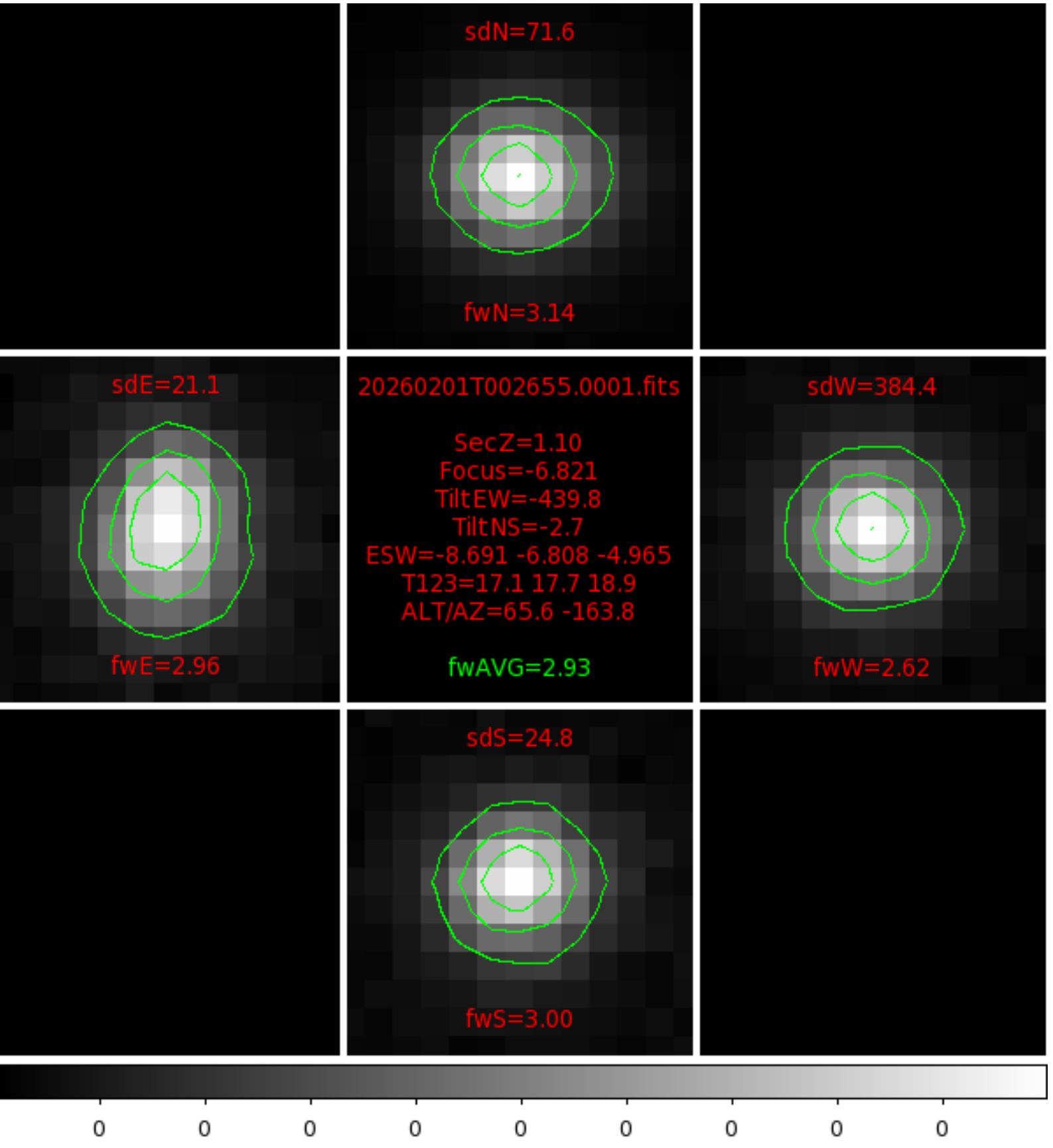
sdN=71.6
fwN=3.14
sdE=21.1
fwE=2.96
20260201T002655.0001.fits
SecZ=1.10
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=17.1 17.7 18.9
ALT/AZ=65.6 -163.8
fwAVG=2.93
sdW=384.4
fwW=2.62
sdS=24.8
fwS=3.00
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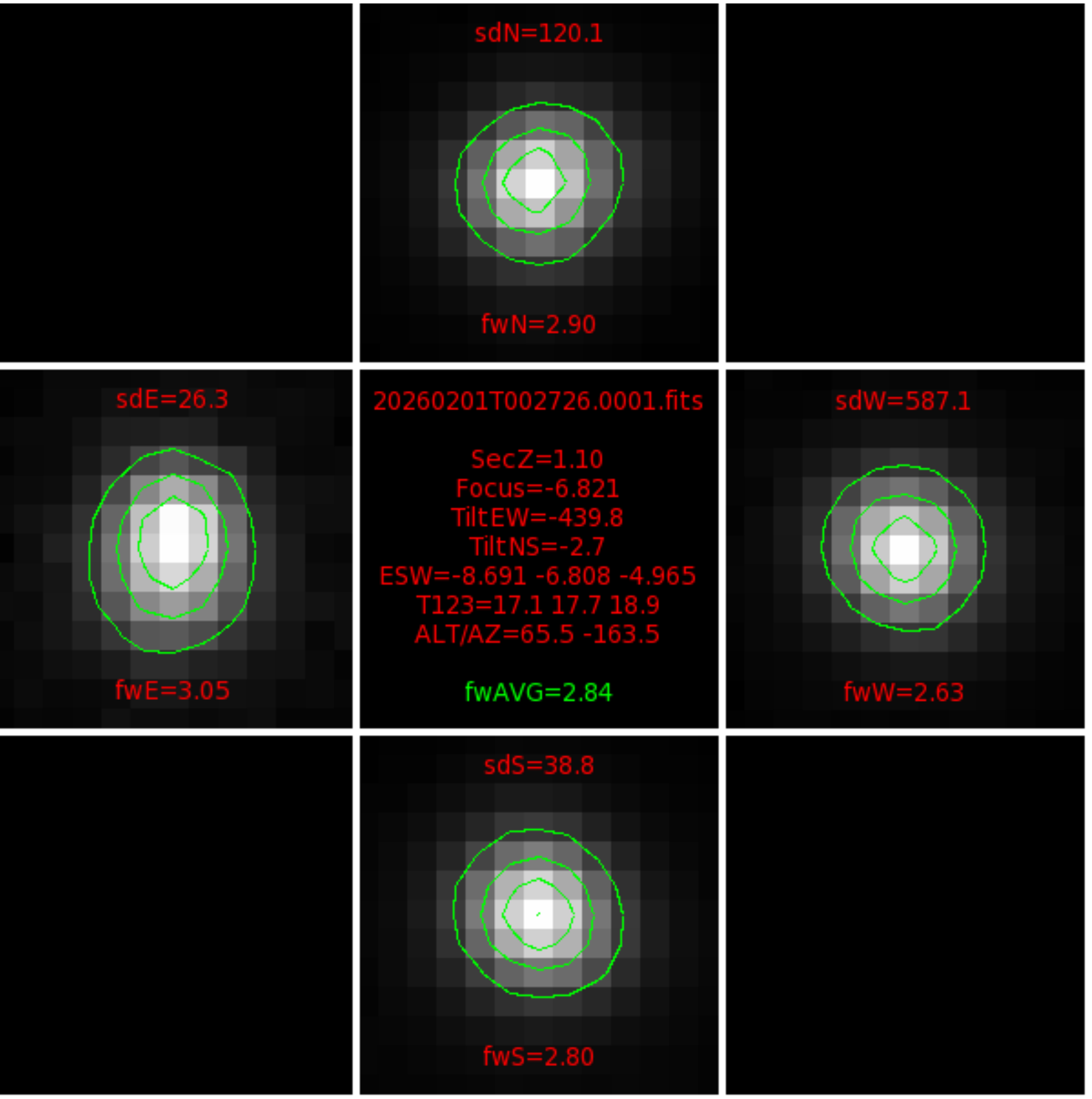
sdN=120.1
fwN=2.90
sdE=26.3
fwE=3.05
20260201T002726.0001.fits
SecZ=1.10
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=17.1 17.7 18.9
ALT/AZ=65.5 -163.5
fwAVG=2.84
sdW=587.1
fwW=2.63
sdS=38.8
fwS=2.80
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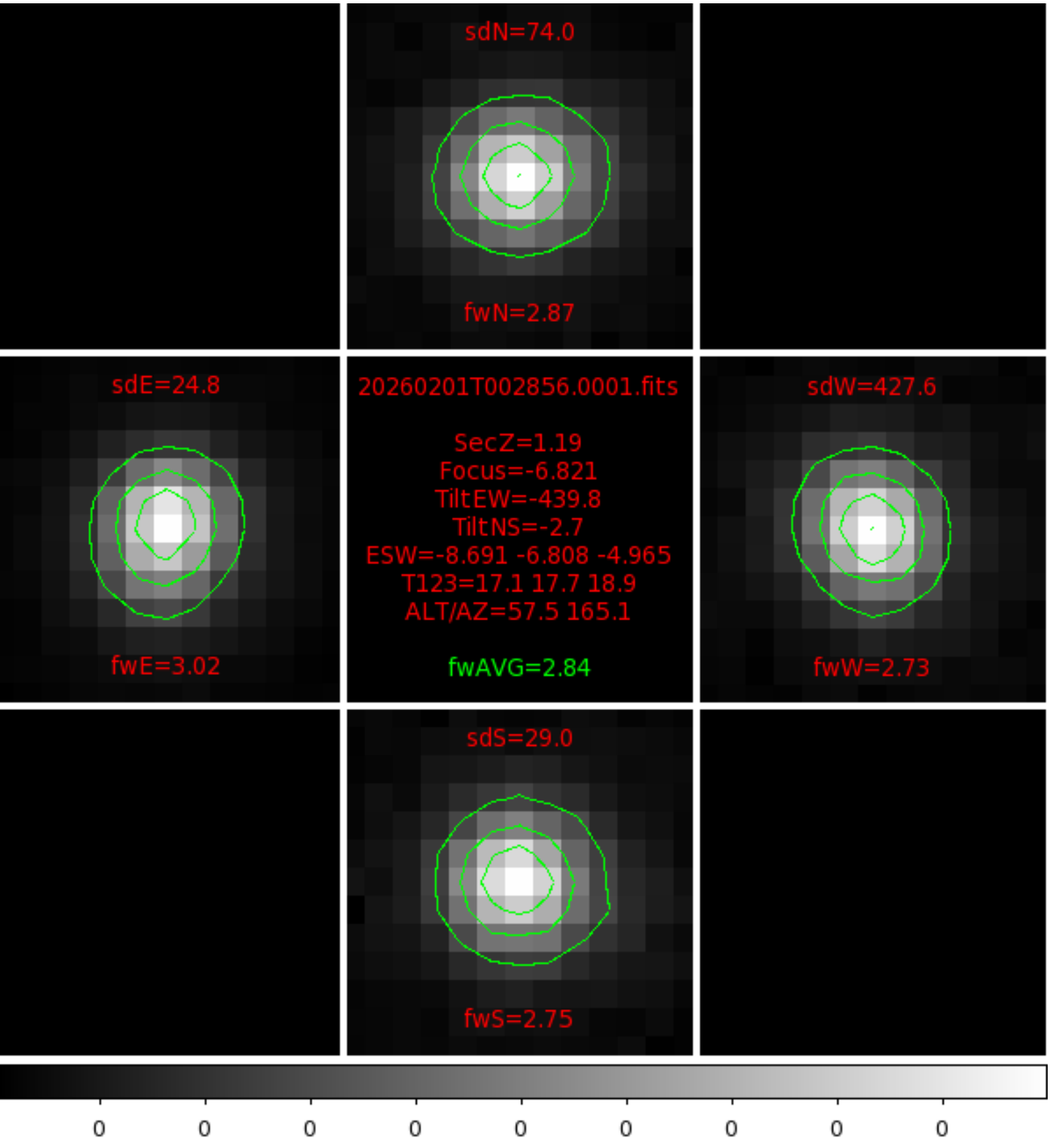
sdN=74.0
fwN=2.87
sdE=24.8
fwE=3.02
20260201T002856.0001.fits
SecZ=1.19
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=17.1 17.7 18.9
ALT/AZ=57.5 165.1
fwAVG=2.84
sdW=427.6
fwW=2.73
sdS=29.0
fwS=2.75
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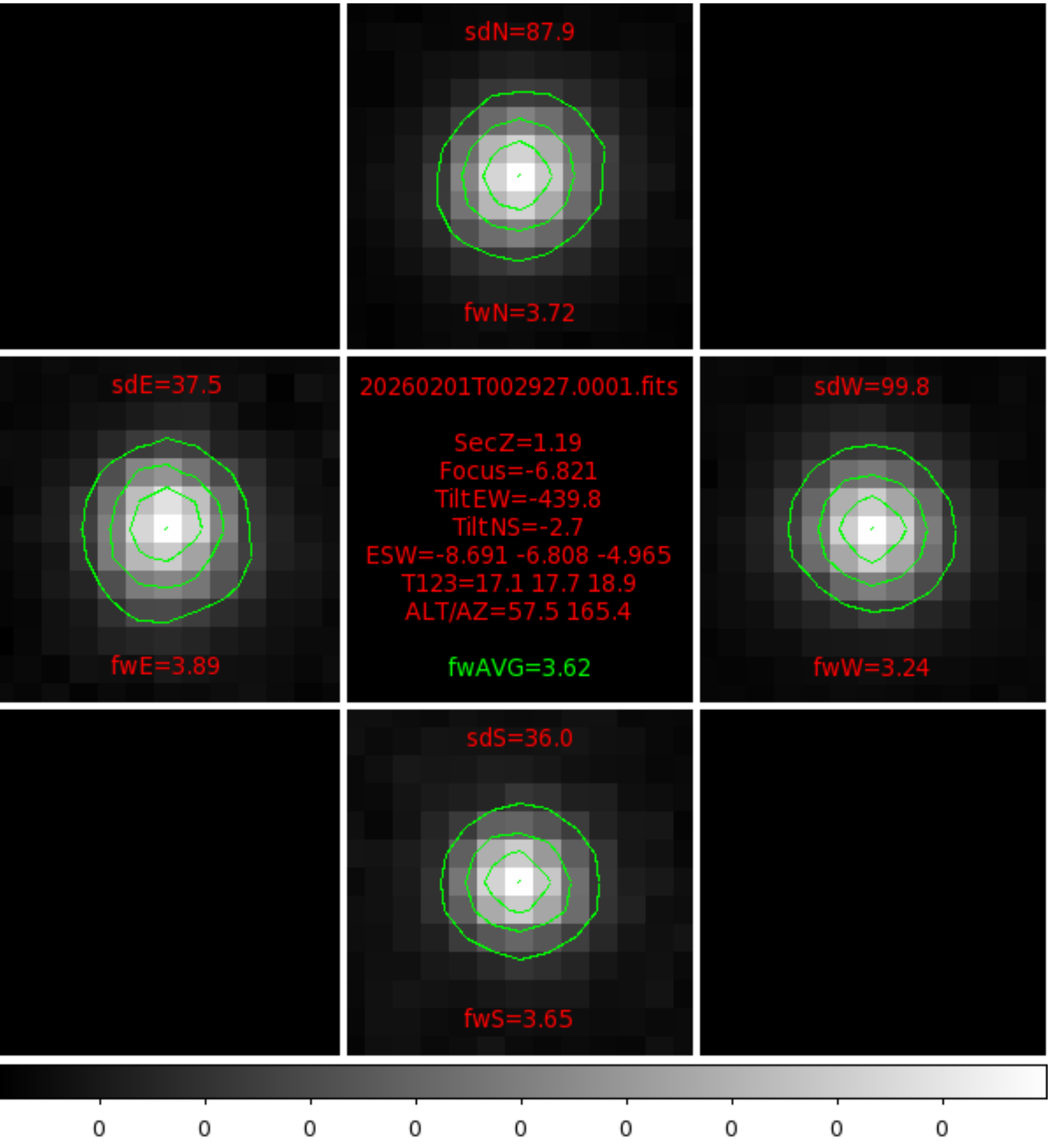
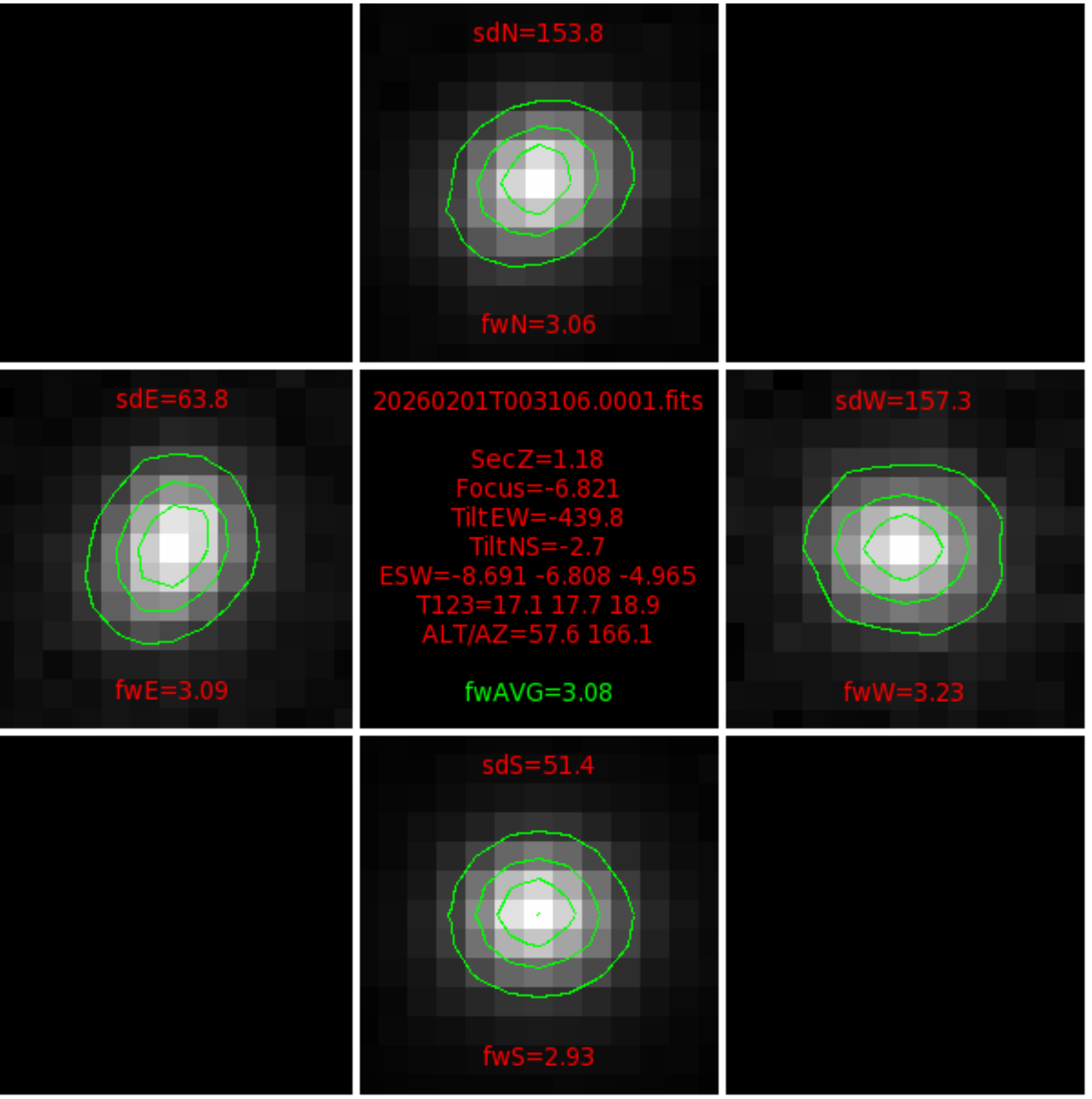
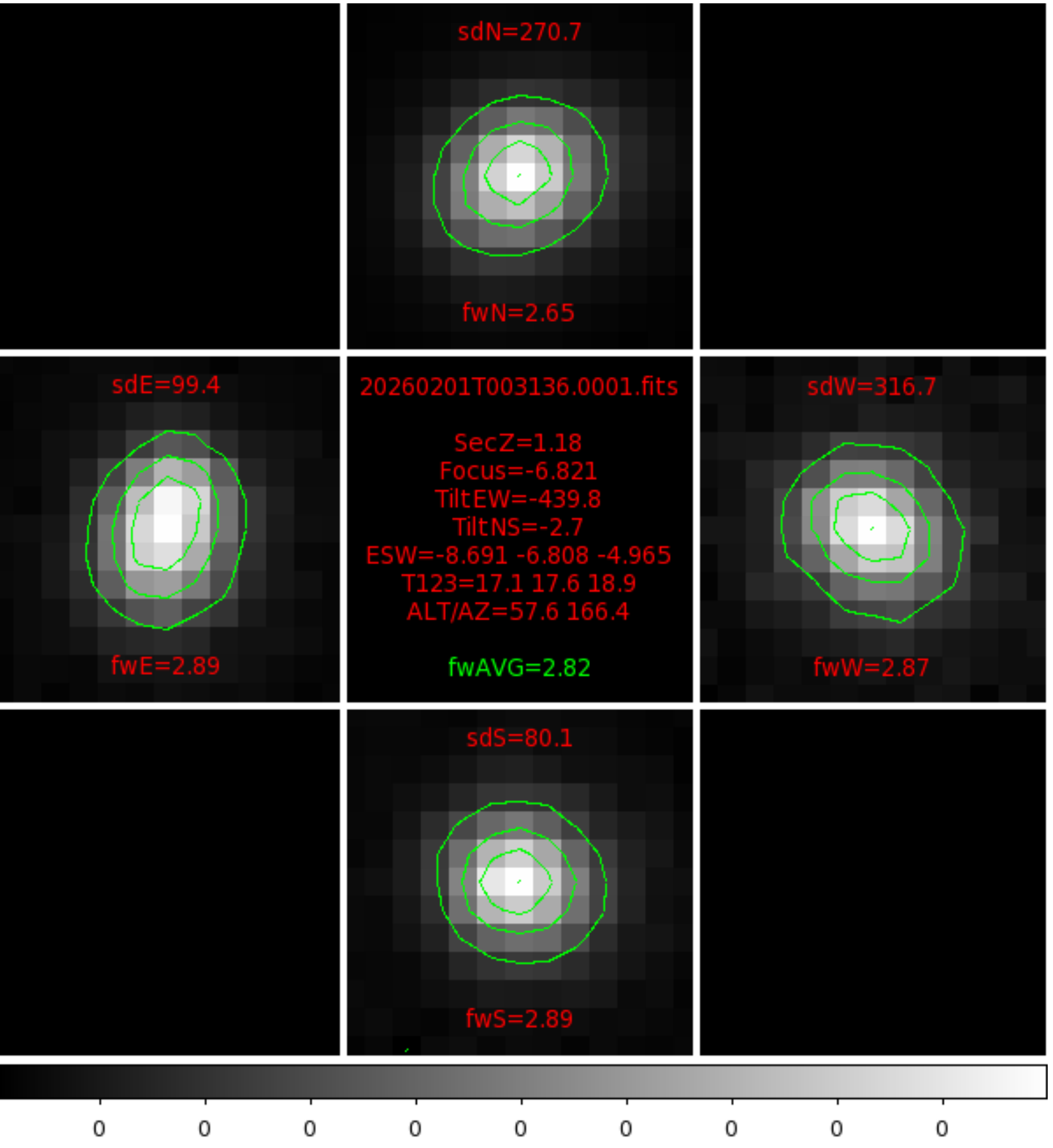
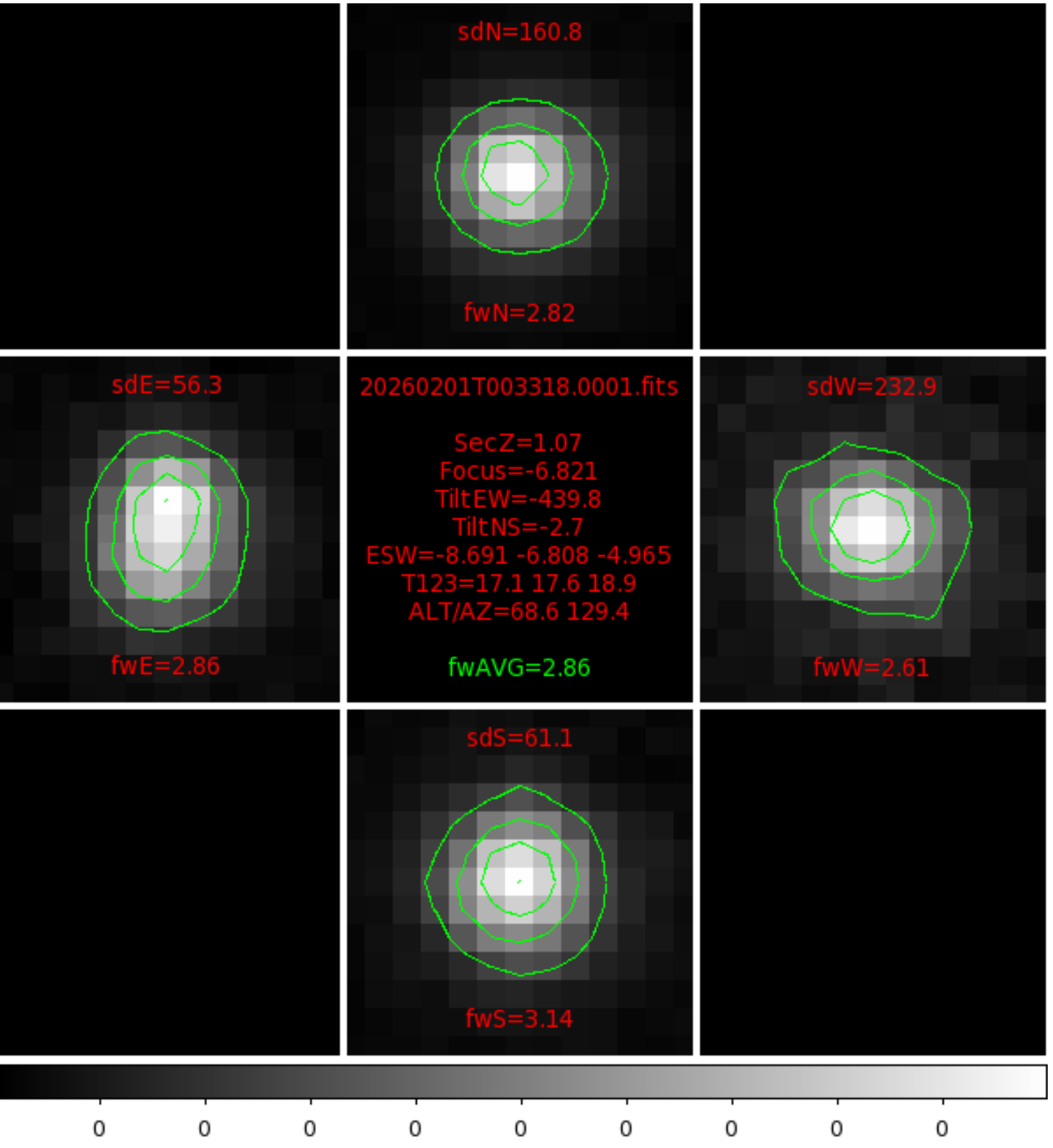
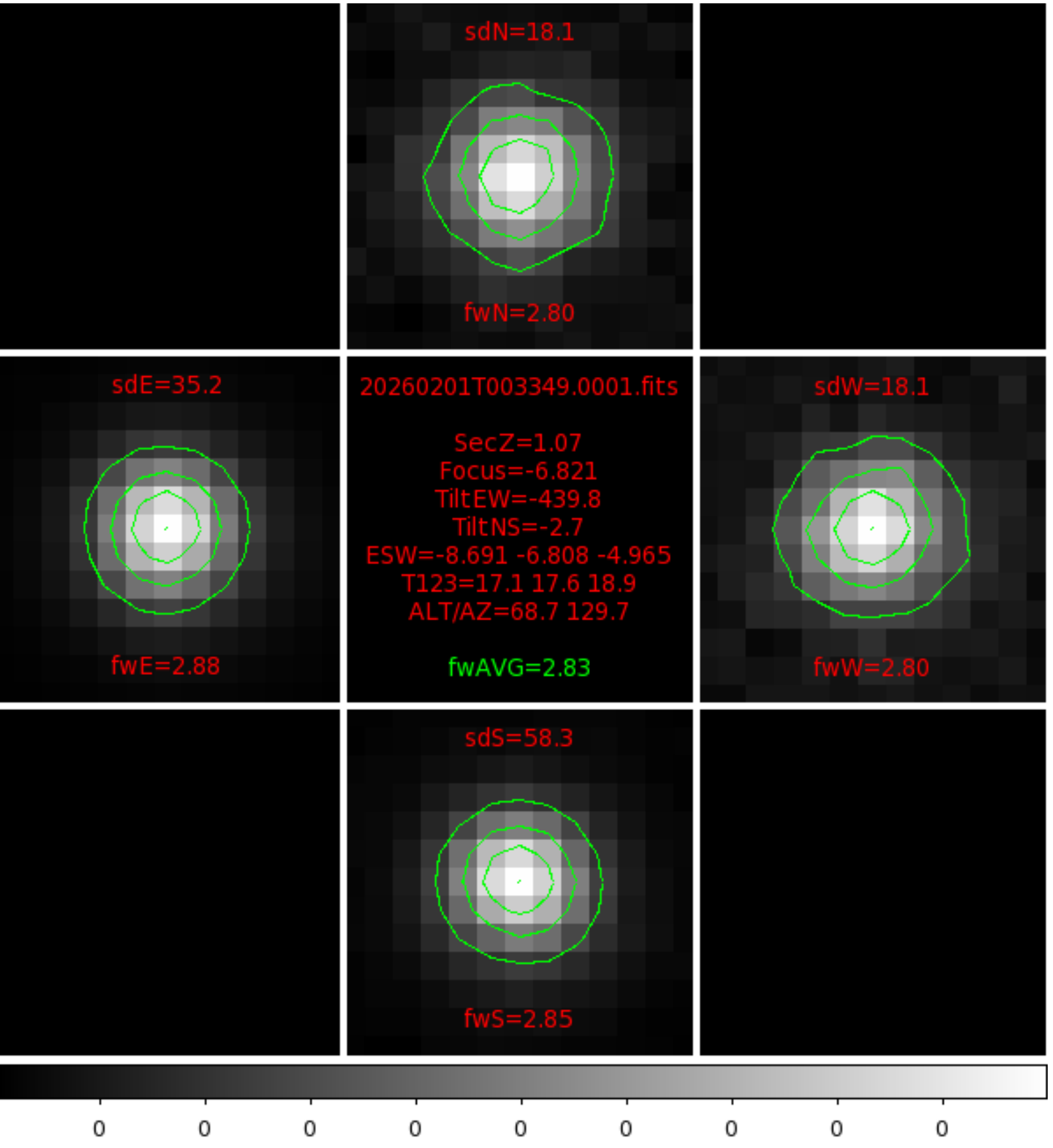
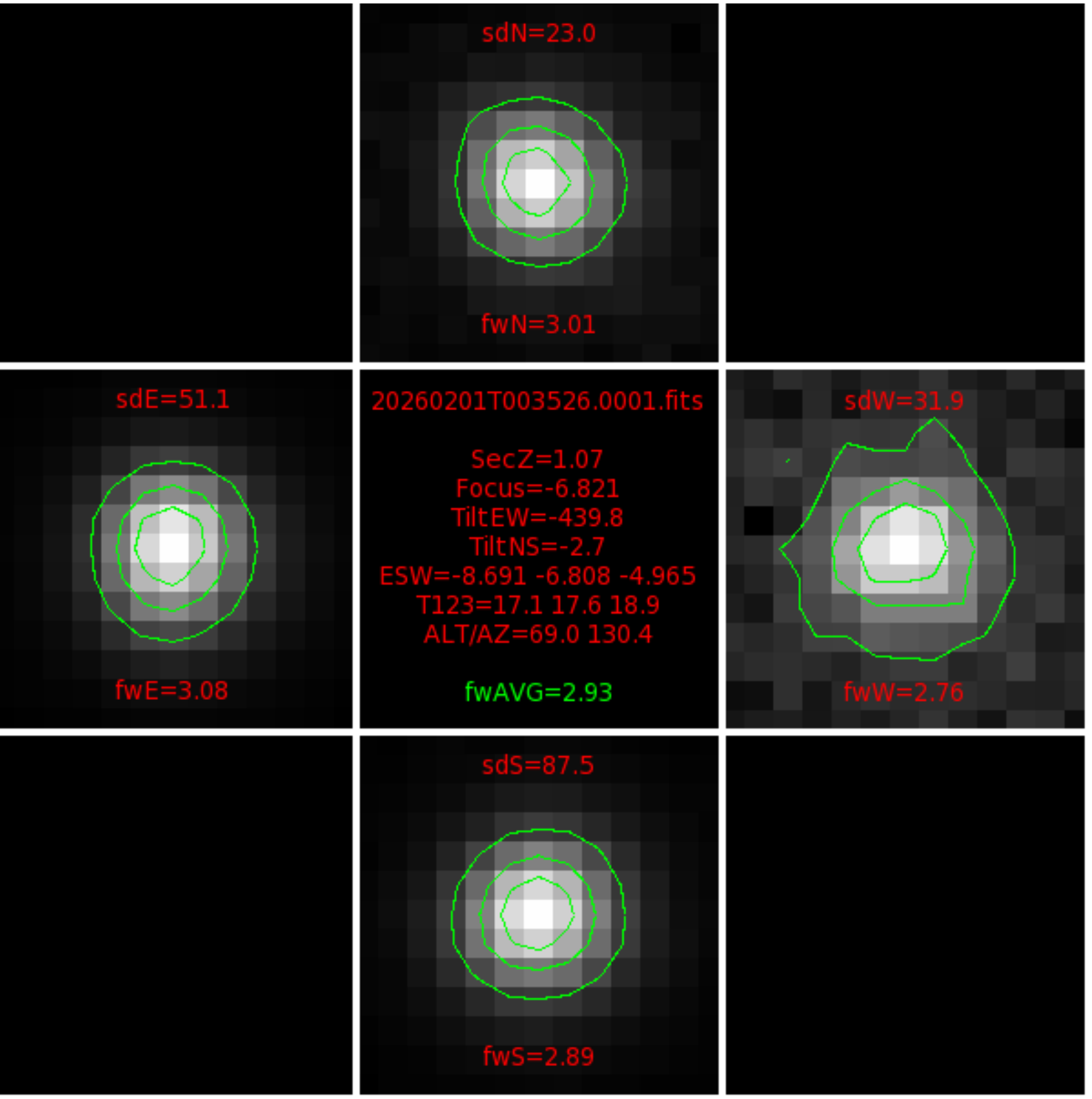

sdN=87.9
fwN=3.72
sdE=37.5
fwE=3.89
20260201T002927.0001.fits
SecZ=1.19
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=17.1 17.7 18.9
ALT/AZ=57.5 165.4
fwAVG=3.62
sdW=99.8
fwW=3.24
sdS=36.0
fwS=3.65
0 0 0 0 0 0 0 0 0

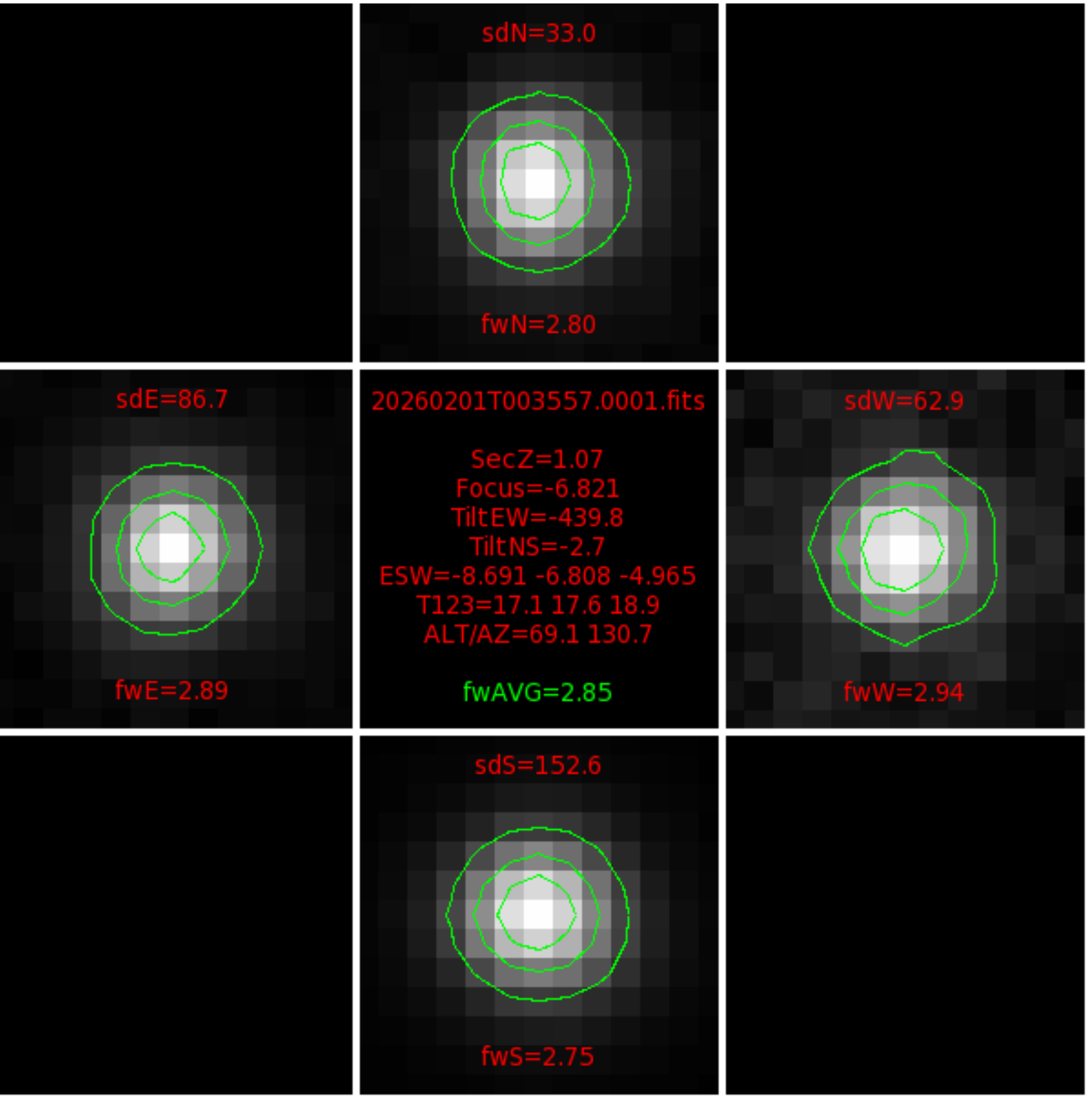

sdN=153.8
fwN=3.06
sdE=63.8
fwE=3.09
20260201T003106.0001.fits
SecZ=1.18
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=17.1 17.7 18.9
ALT/AZ=57.6 166.1
fwAVG=3.08
sdW=157.3
fwW=3.23
sdS=51.4
fwS=2.93
0 0 0 0 0 0 0 0 0

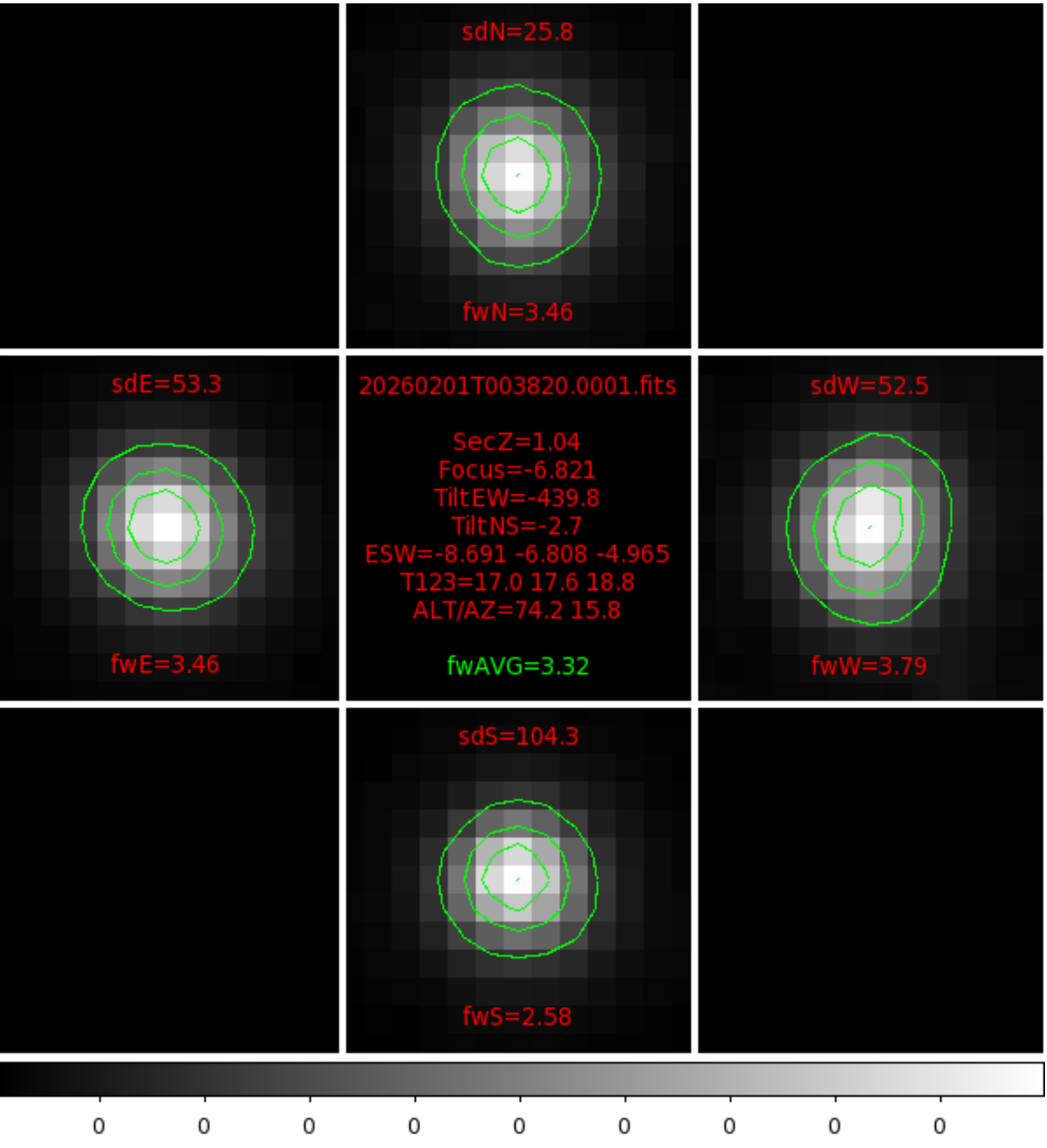

sdN=270.7
fwN=2.65
sdE=99.4
fwE=2.89
20260201T003136.0001.fits
SecZ=1.18
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=17.1 17.6 18.9
ALT/AZ=57.6 166.4
fwAVG=2.82
sdW=316.7
fwW=2.87
sdS=80.1
fwS=2.89
0 0 0 0 0 0 0 0 0

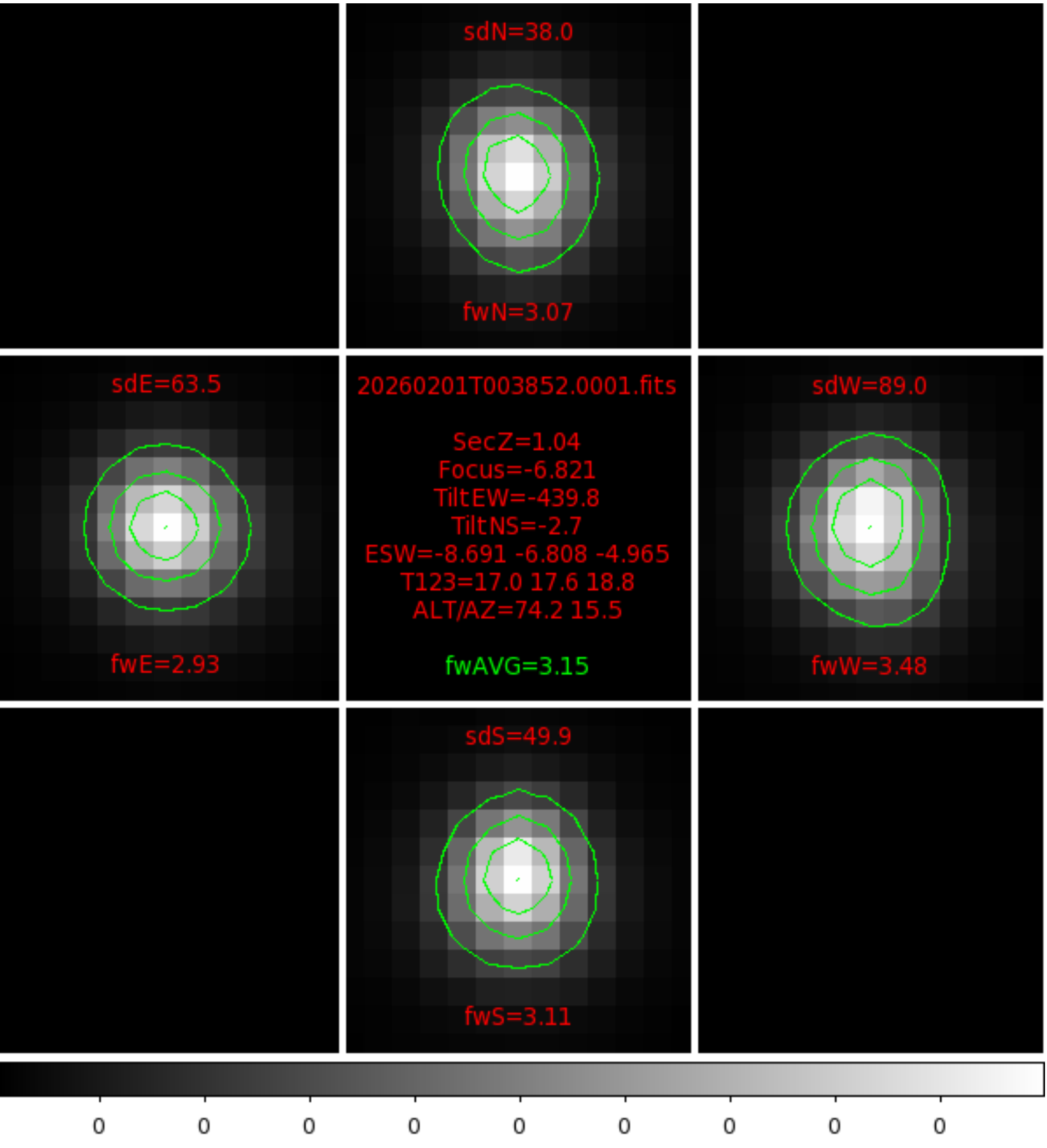

sdN=160.8
fwN=2.82
sdE=56.3
fwE=2.86
20260201T003318.0001.fits
SecZ=1.07
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=17.1 17.6 18.9
ALT/AZ=68.6 129.4
fwAVG=2.86
sdW=232.9
fwW=2.61
sdS=61.1
fwS=3.14
0 0 0 0 0 0 0 0 0

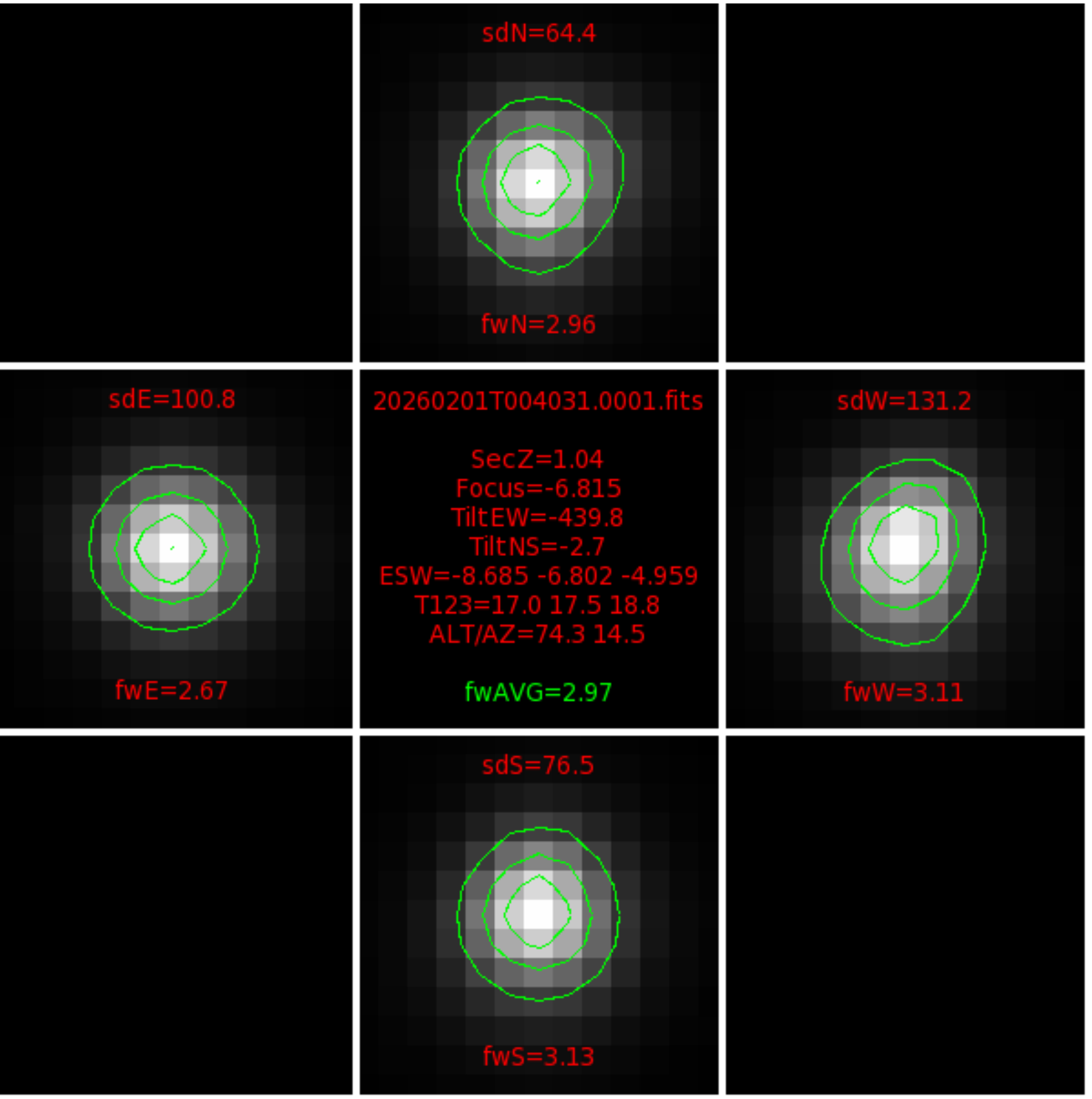

sdN=18.1
fwN=2.80
sdE=35.2
fwE=2.88
20260201T003349.0001.fits
SecZ=1.07
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=17.1 17.6 18.9
ALT/AZ=68.7 129.7
fwAVG=2.83
sdW=18.1
fwW=2.80
sdS=58.3
fwS=2.85
0 0 0 0 0 0 0 0 0


sdN=23.0
fwN=3.01
sdE=51.1
fwE=3.08
20260201T003526.0001.fits
SecZ=1.07
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=17.1 17.6 18.9
ALT/AZ=69.0 130.4
fwAVG=2.93
sdW=31.9
fwW=2.76
sdS=87.5
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=33.0
fwN=2.80
sdE=86.7
fwE=2.89
20260201T003557.0001.fits
SecZ=1.07
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=17.1 17.6 18.9
ALT/AZ=69.1 130.7
fwAVG=2.85
sdW=62.9
fwW=2.94
sdS=152.6
fwS=2.75
0 0 0 0 0 0 0 0 0


sdN=25.8
fwN=3.46
sdE=53.3
fwE=3.46
20260201T003820.0001.fits
SecZ=1.04
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=17.0 17.6 18.8
ALT/AZ=74.2 15.8
fwAVG=3.32
sdW=52.5
fwW=3.79
sdS=104.3
fwS=2.58
0 0 0 0 0 0 0 0 0


sdN=38.0
fwN=3.07
sdE=63.5
fwE=2.93
20260201T003852.0001.fits
SecZ=1.04
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=17.0 17.6 18.8
ALT/AZ=74.2 15.5
fwAVG=3.15
sdW=89.0
fwW=3.48
sdS=49.9
fwS=3.11
0 0 0 0 0 0 0 0 0


sdN=64.4
fwN=2.96
sdE=100.8
fwE=2.67
20260201T004031.0001.fits
SecZ=1.04
Focus=-6.815
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.685 -6.802 -4.959
T123=17.0 17.5 18.8
ALT/AZ=74.3 14.5
fwAVG=2.97
sdW=131.2
fwW=3.11
sdS=76.5
fwS=3.13
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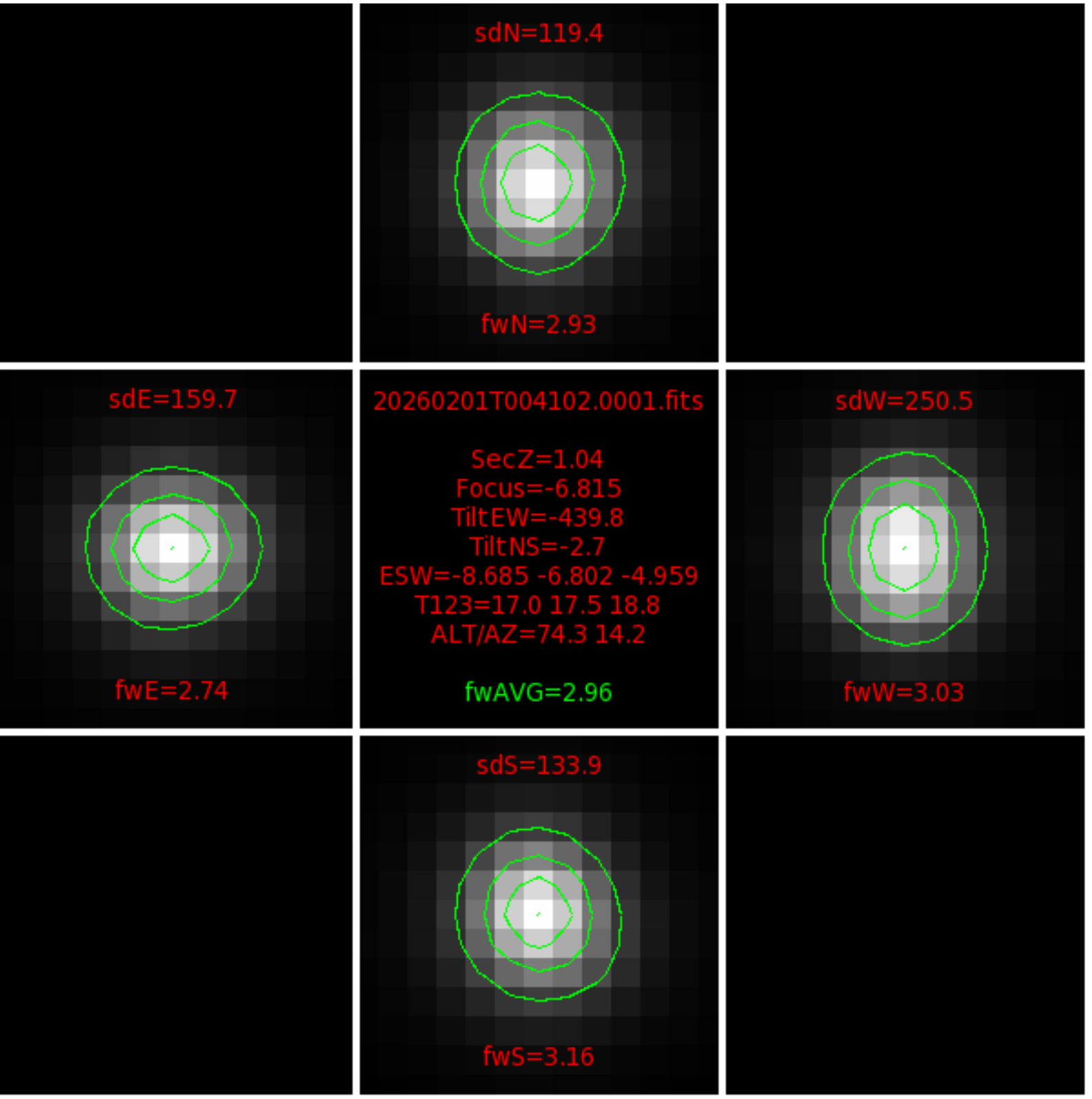
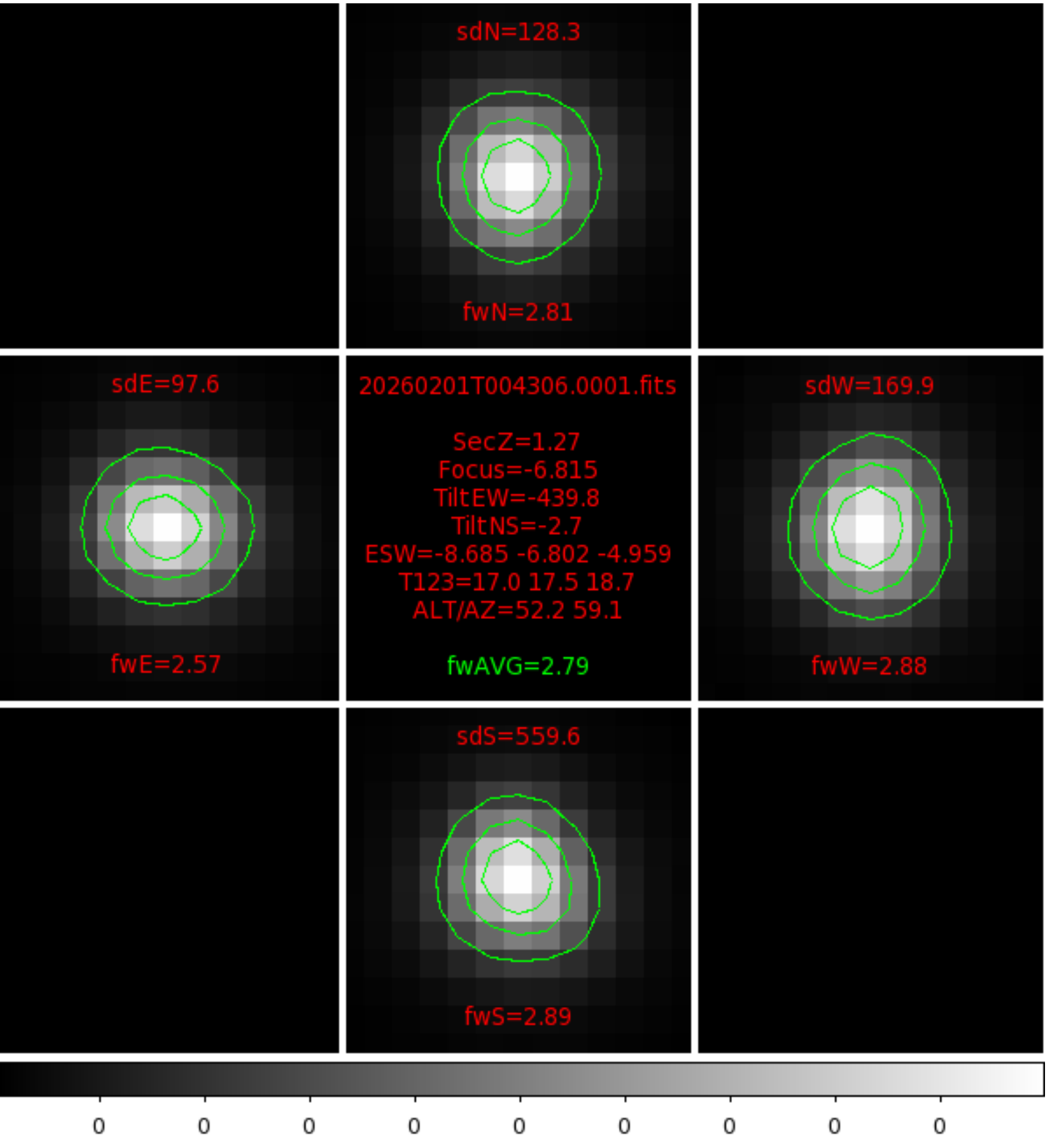
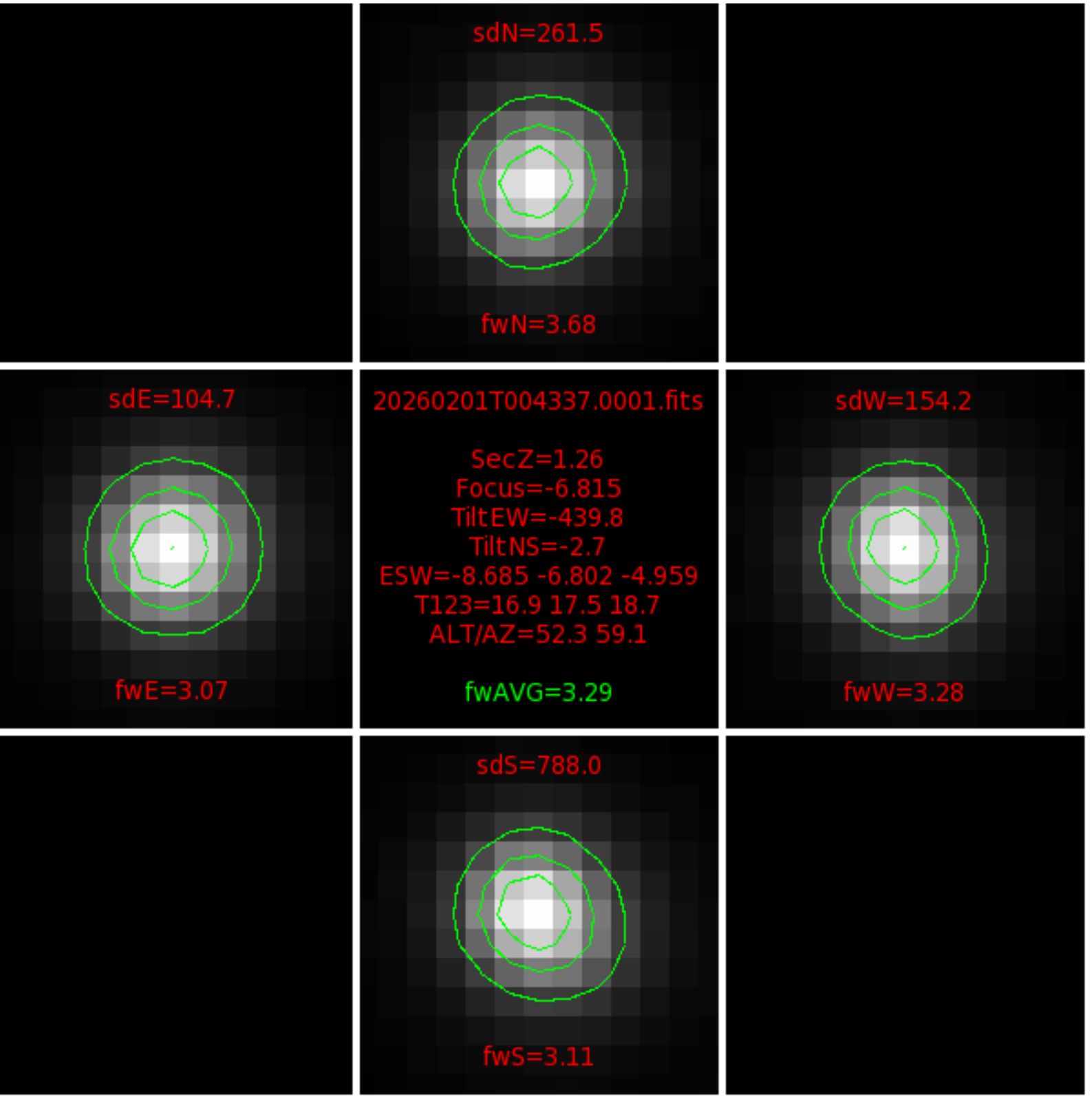

sdN=119.4
fwN=2.93
sdE=159.7
fwE=2.74
20260201T004102.0001.fits
SecZ=1.04
Focus=-6.815
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.685 -6.802 -4.959
T123=17.0 17.5 18.8
ALT/AZ=74.3 14.2
fwAVG=2.96
sdW=250.5
fwW=3.03
sdS=133.9
fwS=3.16
0 0 0 0 0 0 0 0 0


sdN=128.3
fwN=2.81
sdE=97.6
fwE=2.57
20260201T004306.0001.fits
SecZ=1.27
Focus=-6.815
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.685 -6.802 -4.959
T123=17.0 17.5 18.7
ALT/AZ=52.2 59.1
fwAVG=2.79
sdW=169.9
fwW=2.88
sdS=559.6
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=261.5
fwN=3.68
sdE=104.7
fwE=3.07
20260201T004337.0001.fits
SecZ=1.26
Focus=-6.815
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.685 -6.802 -4.959
T123=16.9 17.5 18.7
ALT/AZ=52.3 59.1
fwAVG=3.29
sdW=154.2
fwW=3.28
sdS=788.0
fwS=3.11
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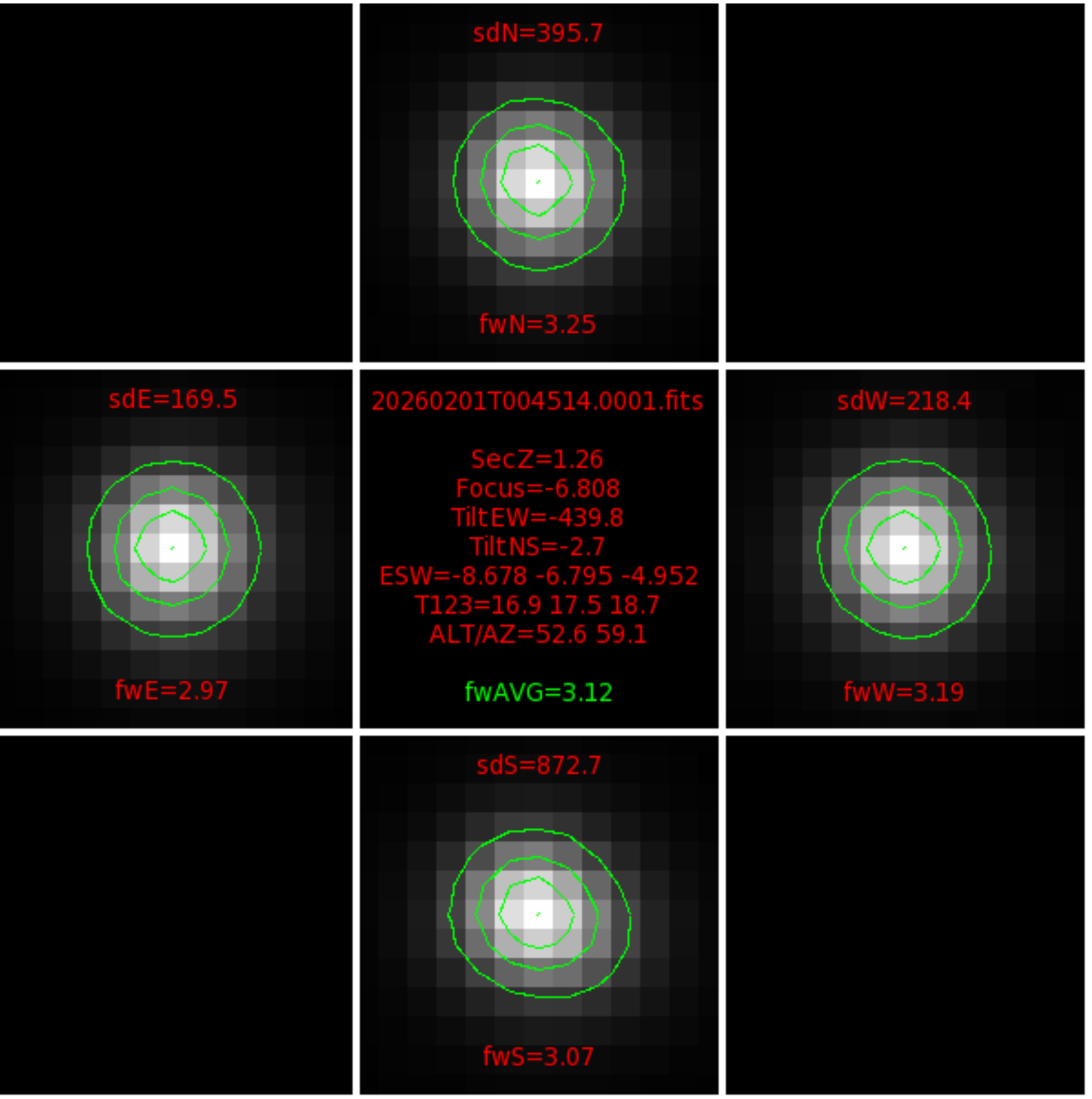
sdN=395.7
fwN=3.25
sdE=169.5
fwE=2.97
20260201T004514.0001.fits
SecZ=1.26
Focus=-6.808
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.678 -6.795 -4.952
T123=16.9 17.5 18.7
ALT/AZ=52.6 59.1
fwAVG=3.12
sdW=218.4
fwW=3.19
sdS=872.7
fwS=3.07
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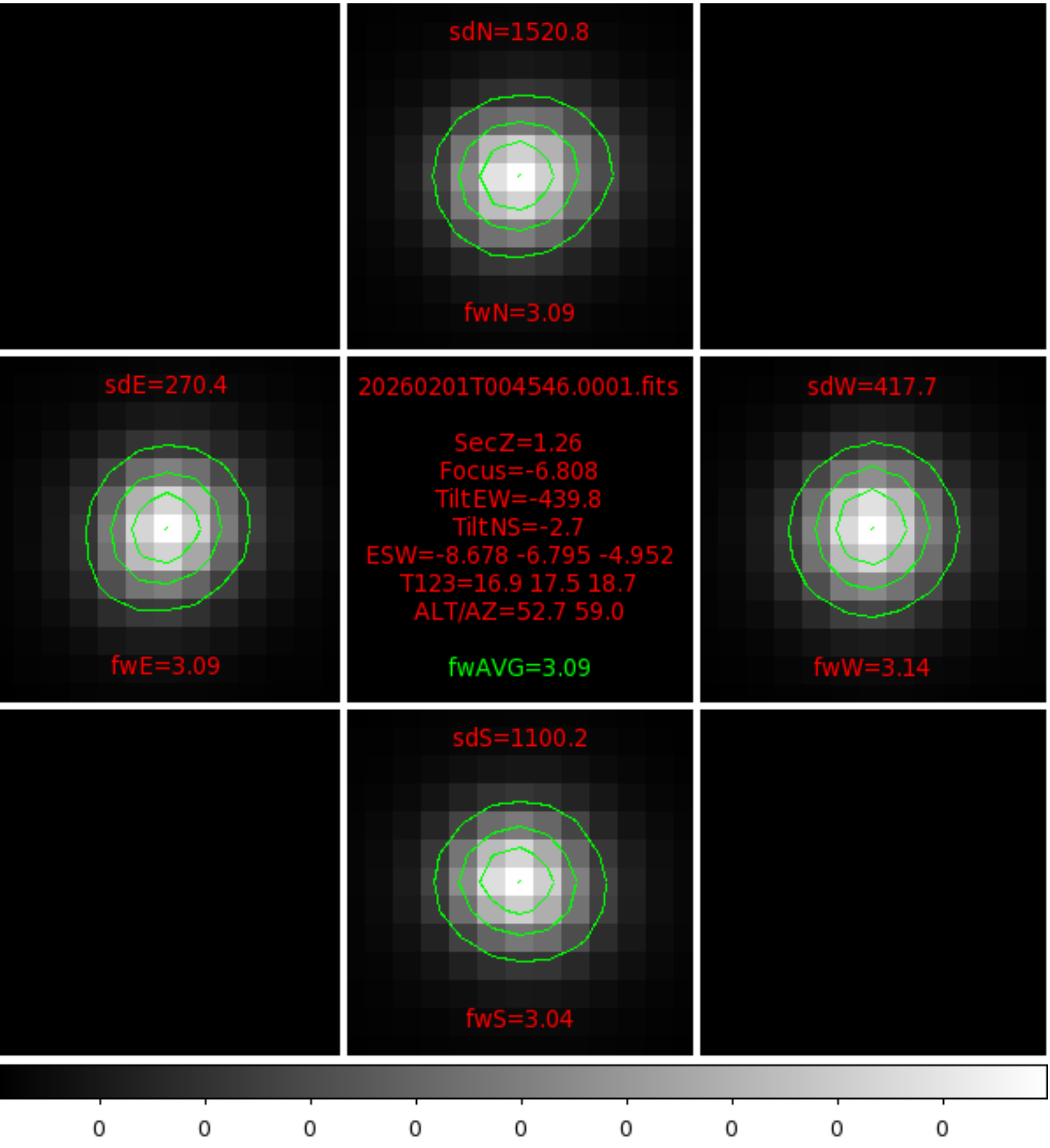
sdN=1520.8
fwN=3.09
sdE=270.4
fwE=3.09
20260201T004546.0001.fits
SecZ=1.26
Focus=-6.808
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.678 -6.795 -4.952
T123=16.9 17.5 18.7
ALT/AZ=52.7 59.0
fwAVG=3.09
sdW=417.7
fwW=3.14
sdS=1100.2
fwS=3.04
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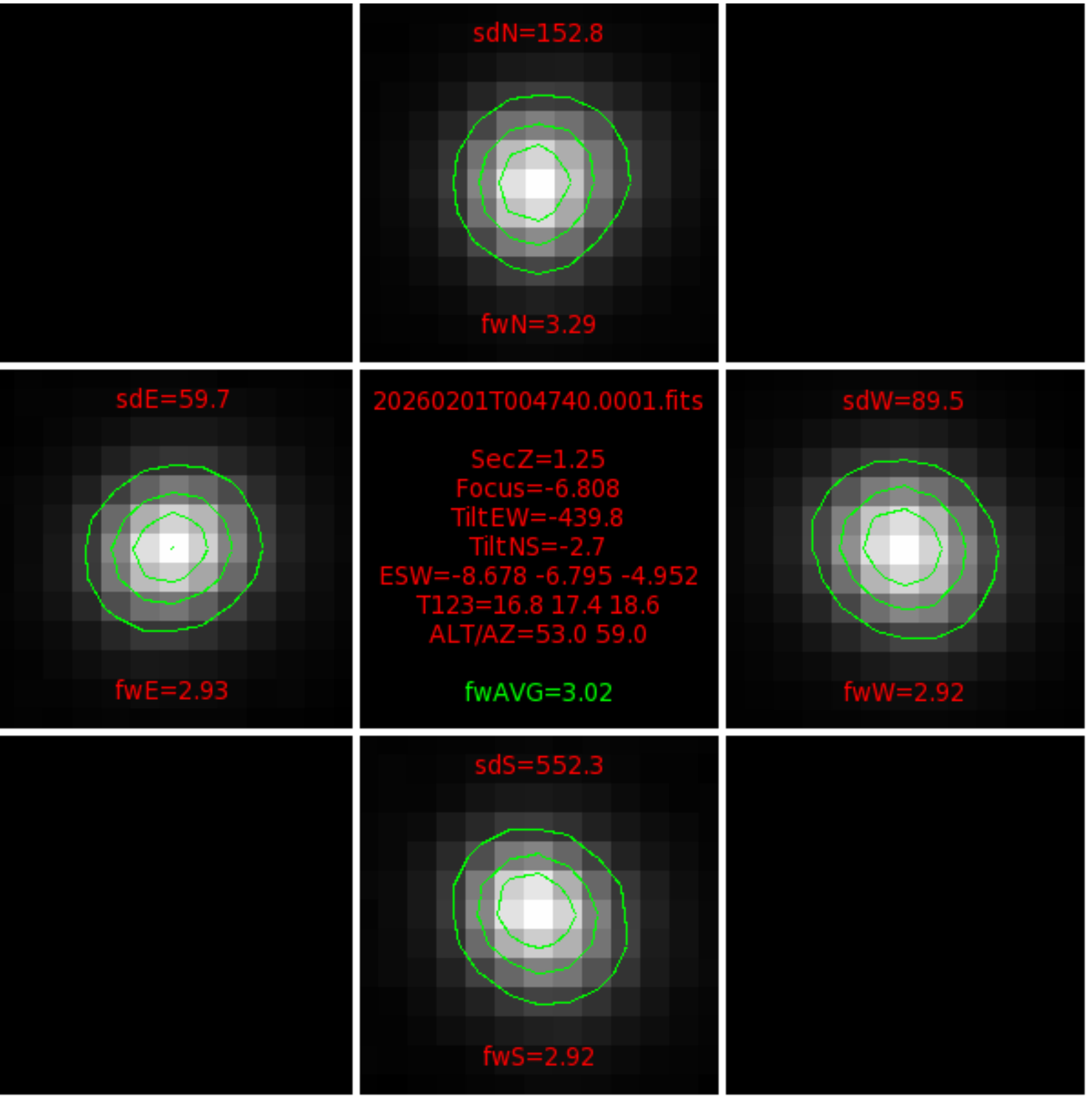
sdN=152.8
fwN=3.29
sdE=59.7
fwE=2.93
20260201T004740.0001.fits
SecZ=1.25
Focus=-6.808
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.678 -6.795 -4.952
T123=16.8 17.4 18.6
ALT/AZ=53.0 59.0
fwAVG=3.02
sdW=89.5
fwW=2.92
sdS=552.3
fwS=2.92
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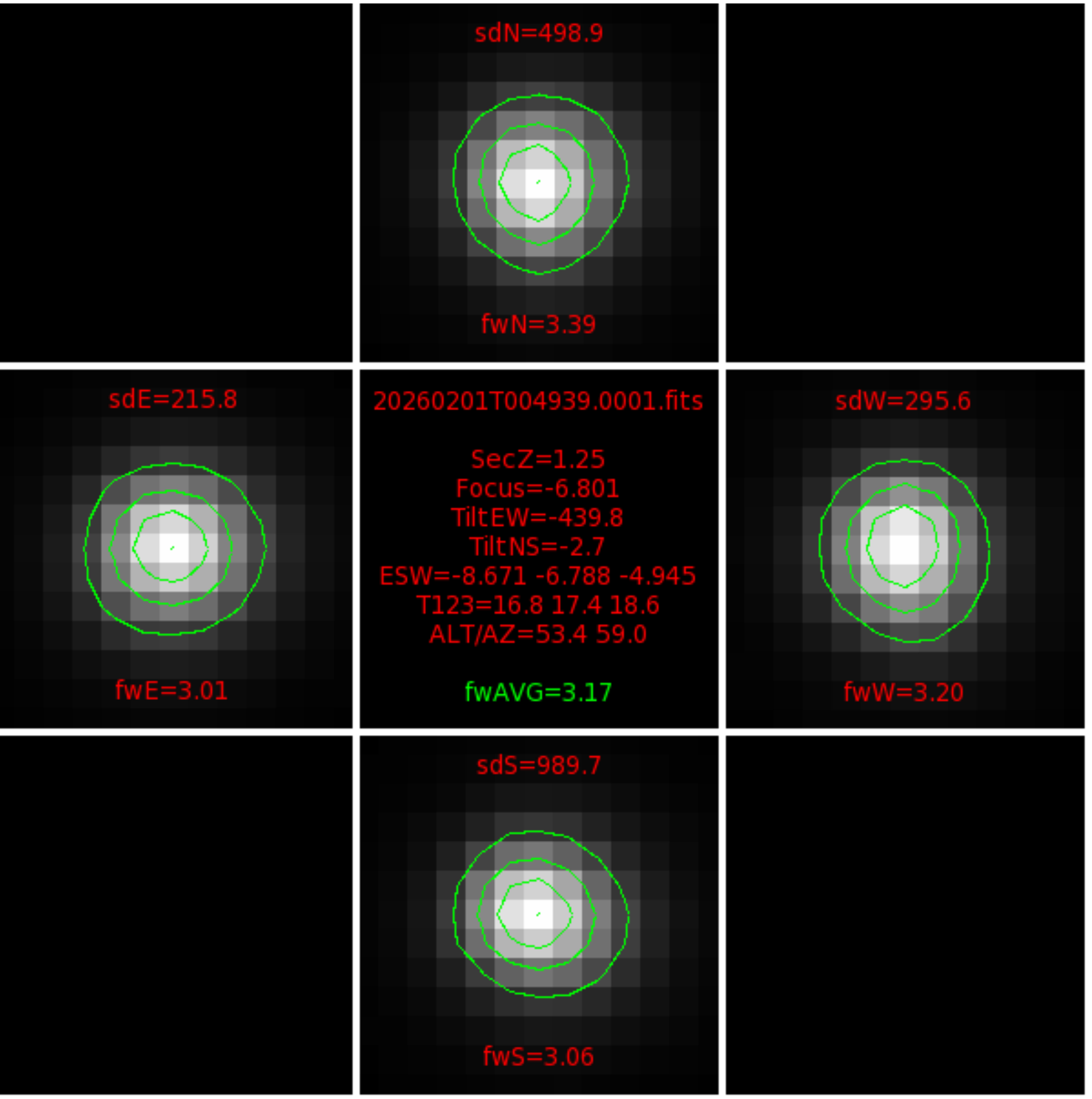
sdN=498.9
fwN=3.39
sdE=215.8
fwE=3.01
20260201T004939.0001.fits
SecZ=1.25
Focus=-6.801
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.671 -6.788 -4.945
T123=16.8 17.4 18.6
ALT/AZ=53.4 59.0
fwAVG=3.17
sdW=295.6
fwW=3.20
sdS=989.7
fwS=3.06
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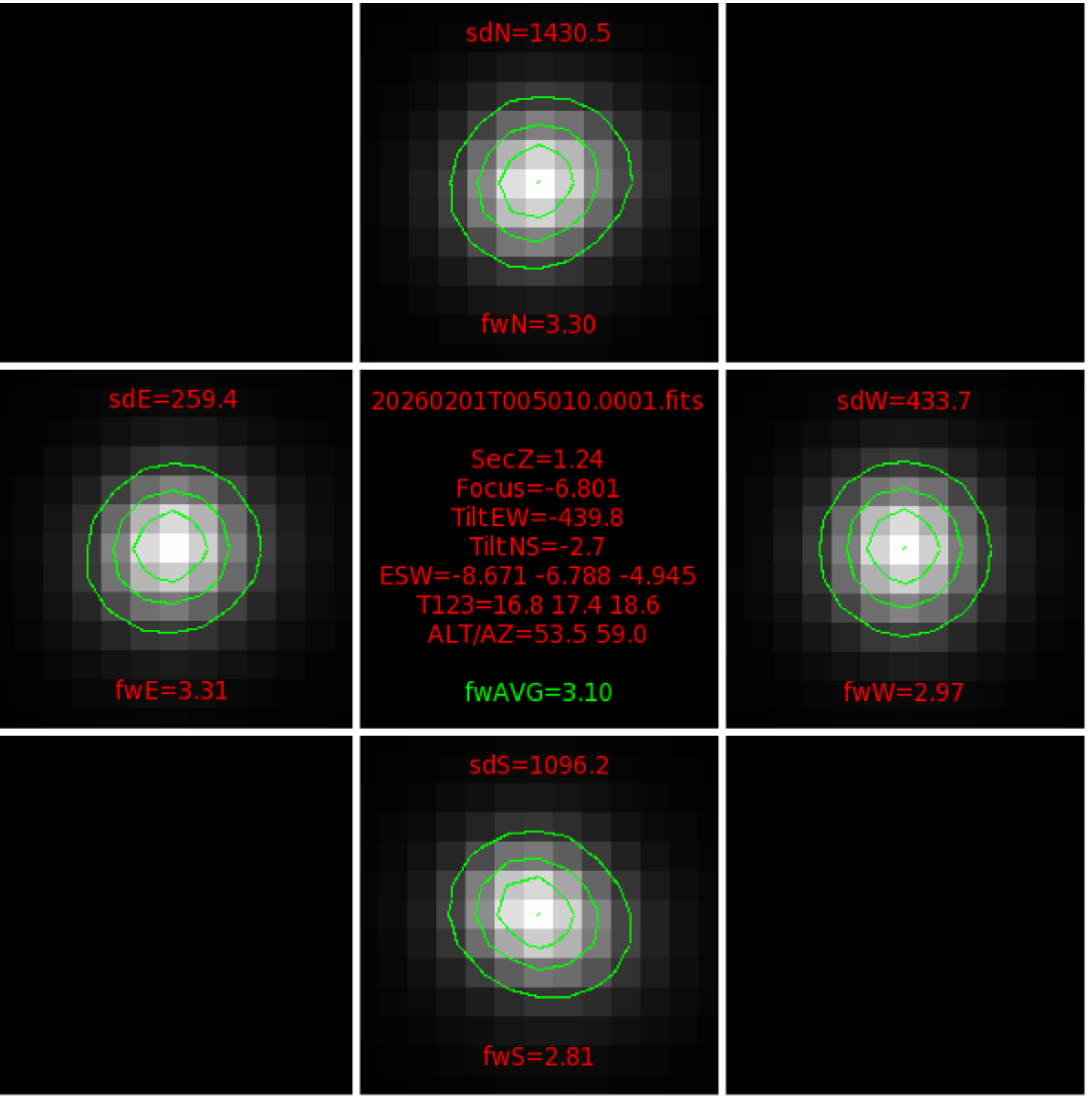
sdN=1430.5
fwN=3.30
sdE=259.4
fwE=3.31
20260201T005010.0001.fits
SecZ=1.24
Focus=-6.801
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.671 -6.788 -4.945
T123=16.8 17.4 18.6
ALT/AZ=53.5 59.0
fwAVG=3.10
sdW=433.7
fwW=2.97
sdS=1096.2
fwS=2.81
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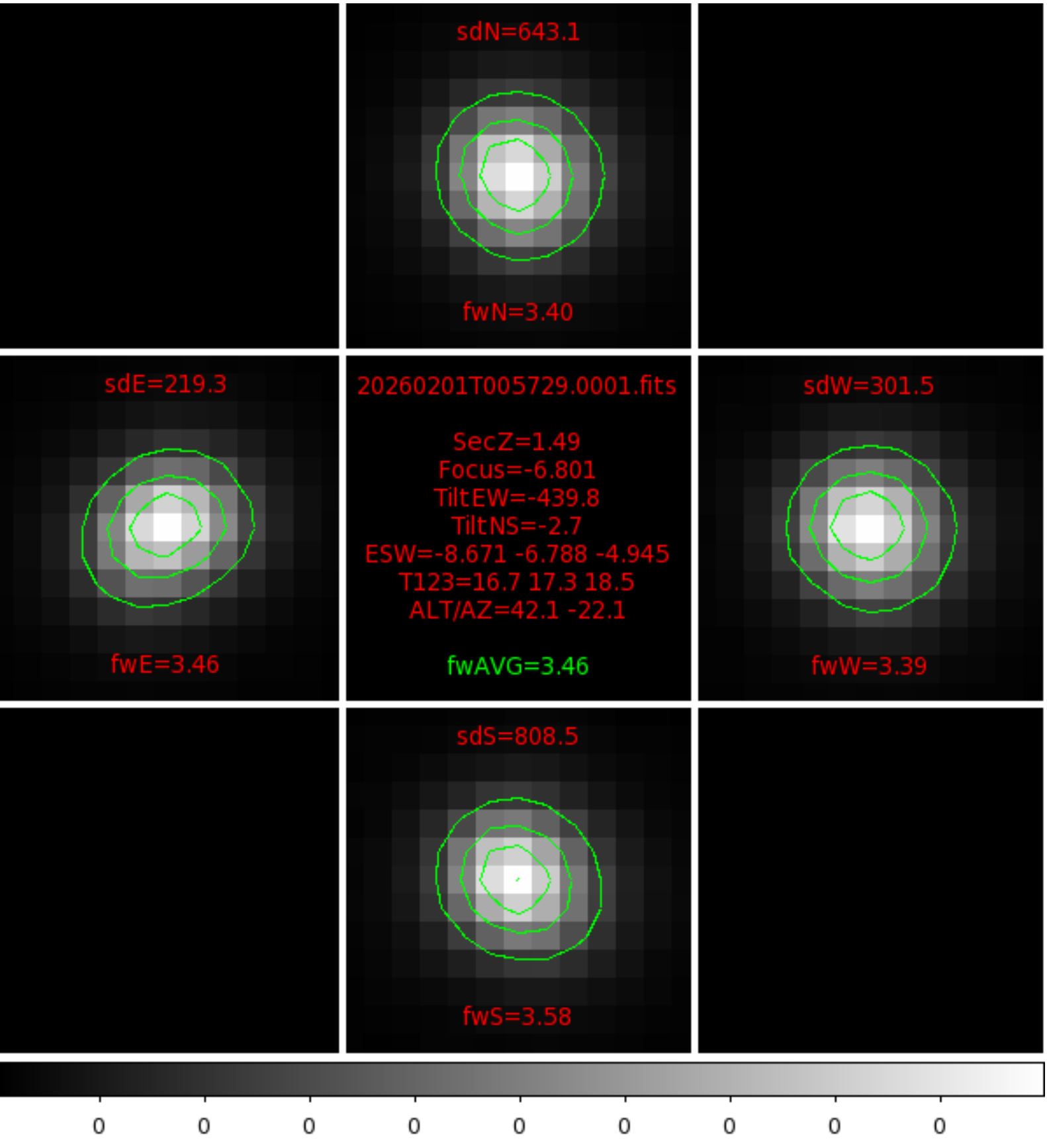
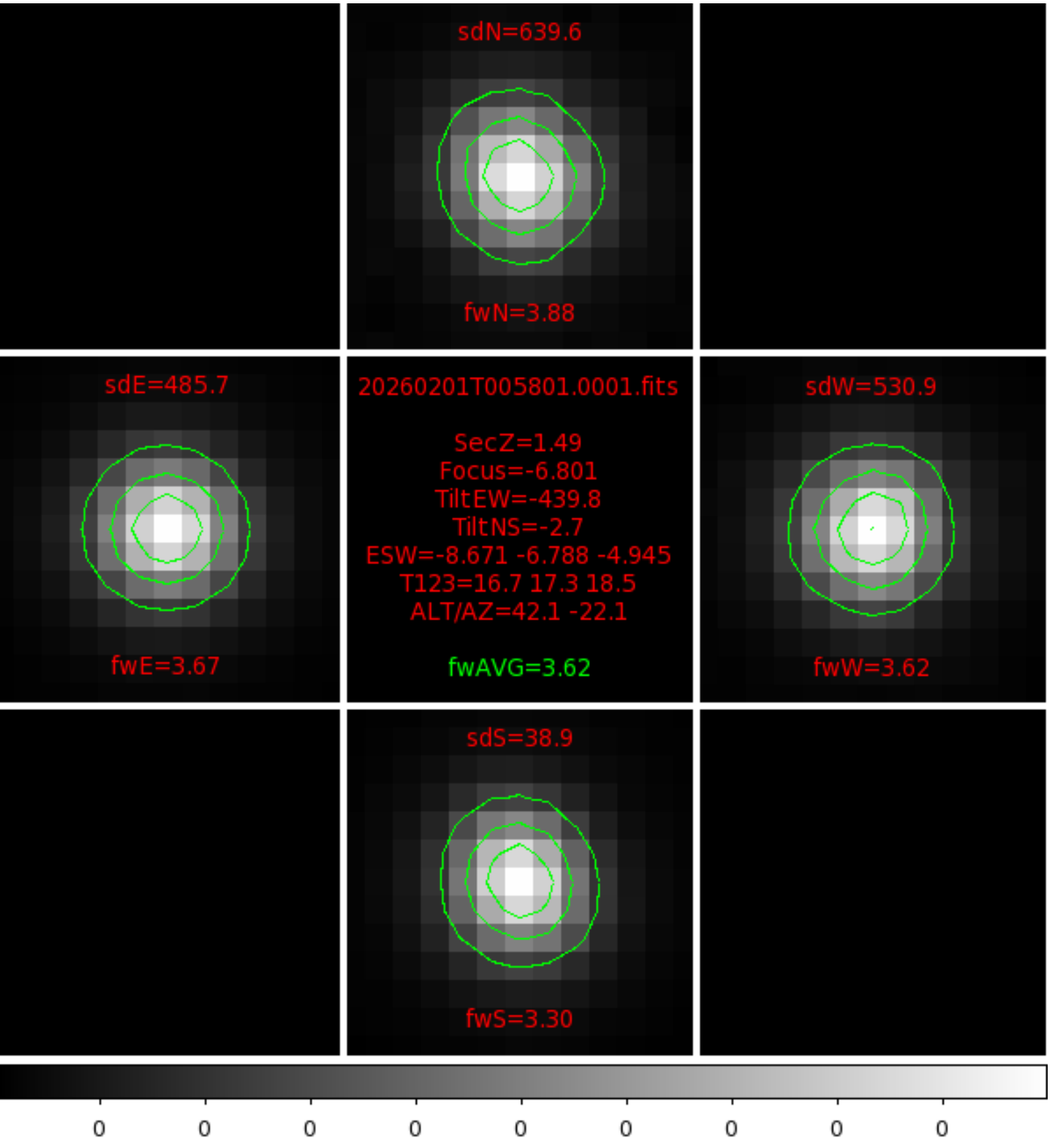

sdN=643.1
fwN=3.40
sdE=219.3
fwE=3.46
20260201T005729.0001.fits
SecZ=1.49
Focus=-6.801
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.671 -6.788 -4.945
T123=16.7 17.3 18.5
ALT/AZ=42.1 -22.1
fwAVG=3.46
sdW=301.5
fwW=3.39
sdS=808.5
fwS=3.58
0 0 0 0 0 0 0 0 0


sdN=639.6
fwN=3.88
sdE=485.7
fwE=3.67
20260201T005801.0001.fits
SecZ=1.49
Focus=-6.801
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.671 -6.788 -4.945
T123=16.7 17.3 18.5
ALT/AZ=42.1 -22.1
fwAVG=3.62
sdW=530.9
fwW=3.62
sdS=38.9
fwS=3.30
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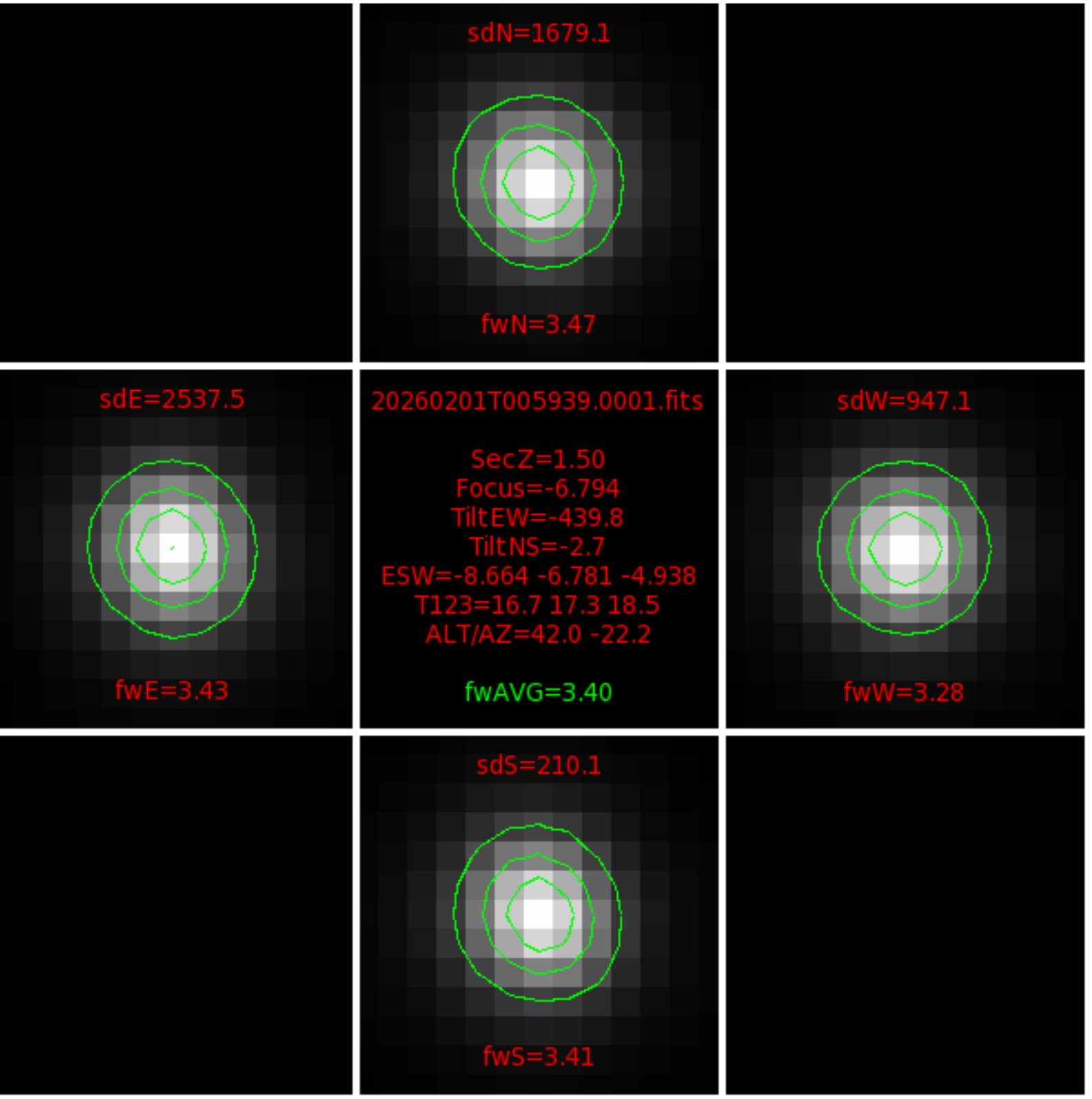
sdN=1679.1
fwN=3.47
sdE=2537.5
fwE=3.43
20260201T005939.0001.fits
SecZ=1.50
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.7 17.3 18.5
ALT/AZ=42.0 -22.2
fwAVG=3.40
sdW=947.1
fwW=3.28
sdS=210.1
fwS=3.41
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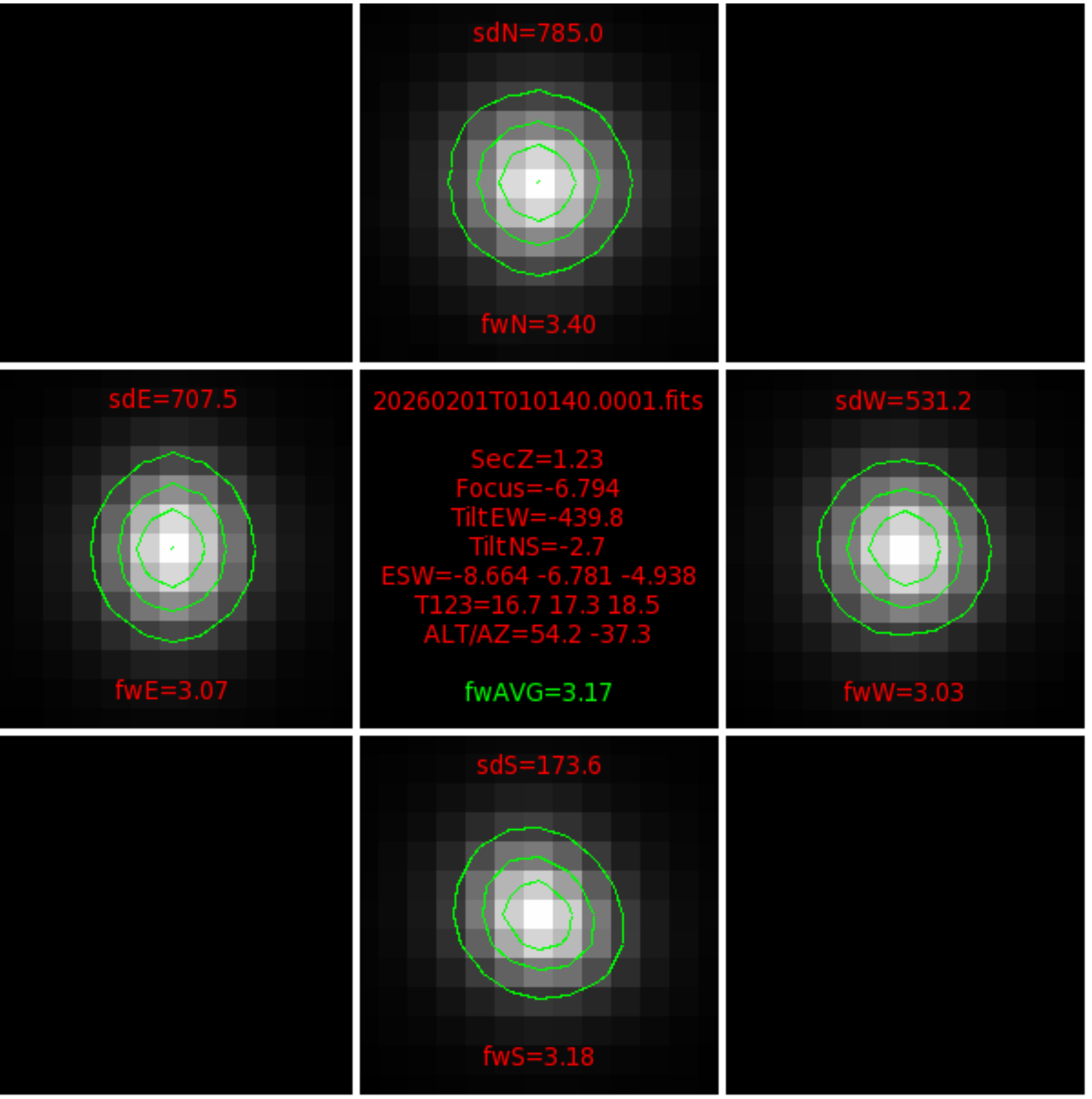
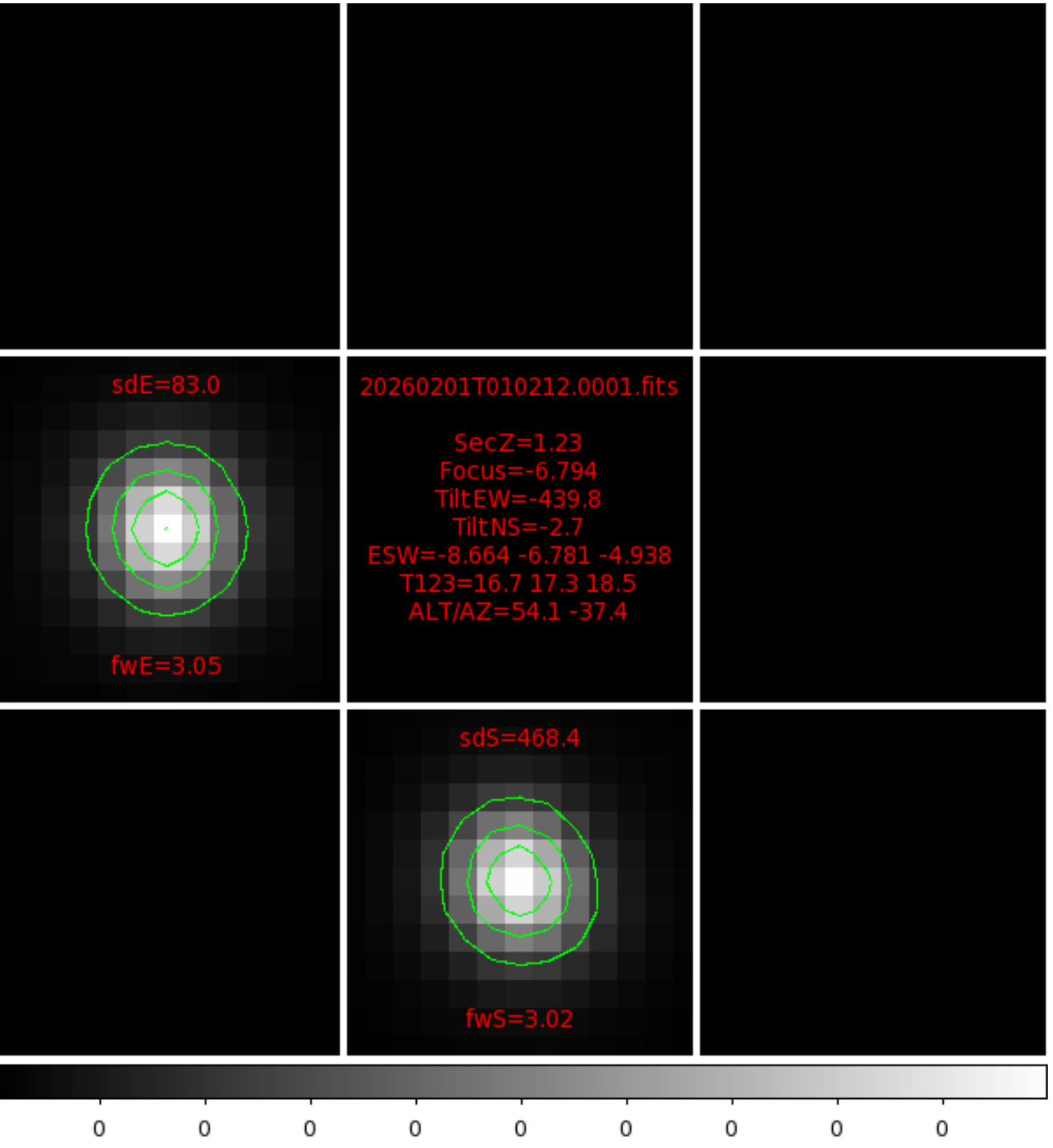
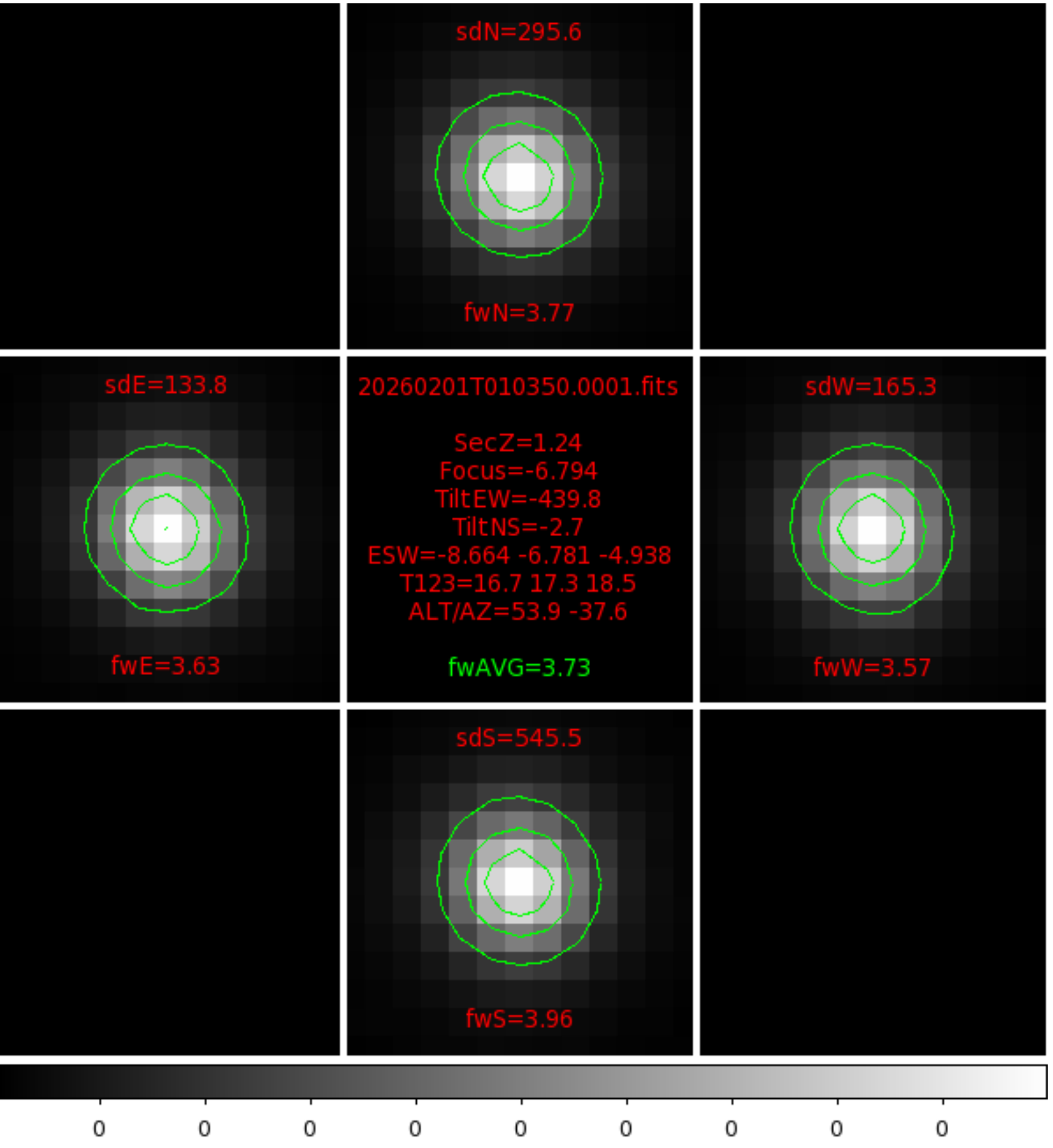

sdN=785.0
fwN=3.40
sdE=707.5
fwE=3.07
20260201T010140.0001.fits
SecZ=1.23
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.7 17.3 18.5
ALT/AZ=54.2 -37.3
fwAVG=3.17
sdW=531.2
fwW=3.03
sdS=173.6
fwS=3.18
0 0 0 0 0 0 0 0 0


sdE=83.0
20260201T010212.0001.fits
SecZ=1.23
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.7 17.3 18.5
ALT/AZ=54.1 -37.4
fwE=3.05
sdS=468.4
fwS=3.02
0 0 0 0 0 0 0 0 0


sdN=295.6
fwN=3.77
sdE=133.8
fwE=3.63
20260201T010350.0001.fits
SecZ=1.24
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.7 17.3 18.5
ALT/AZ=53.9 -37.6
fwAVG=3.73
sdW=165.3
fwW=3.57
sdS=545.5
fwS=3.96
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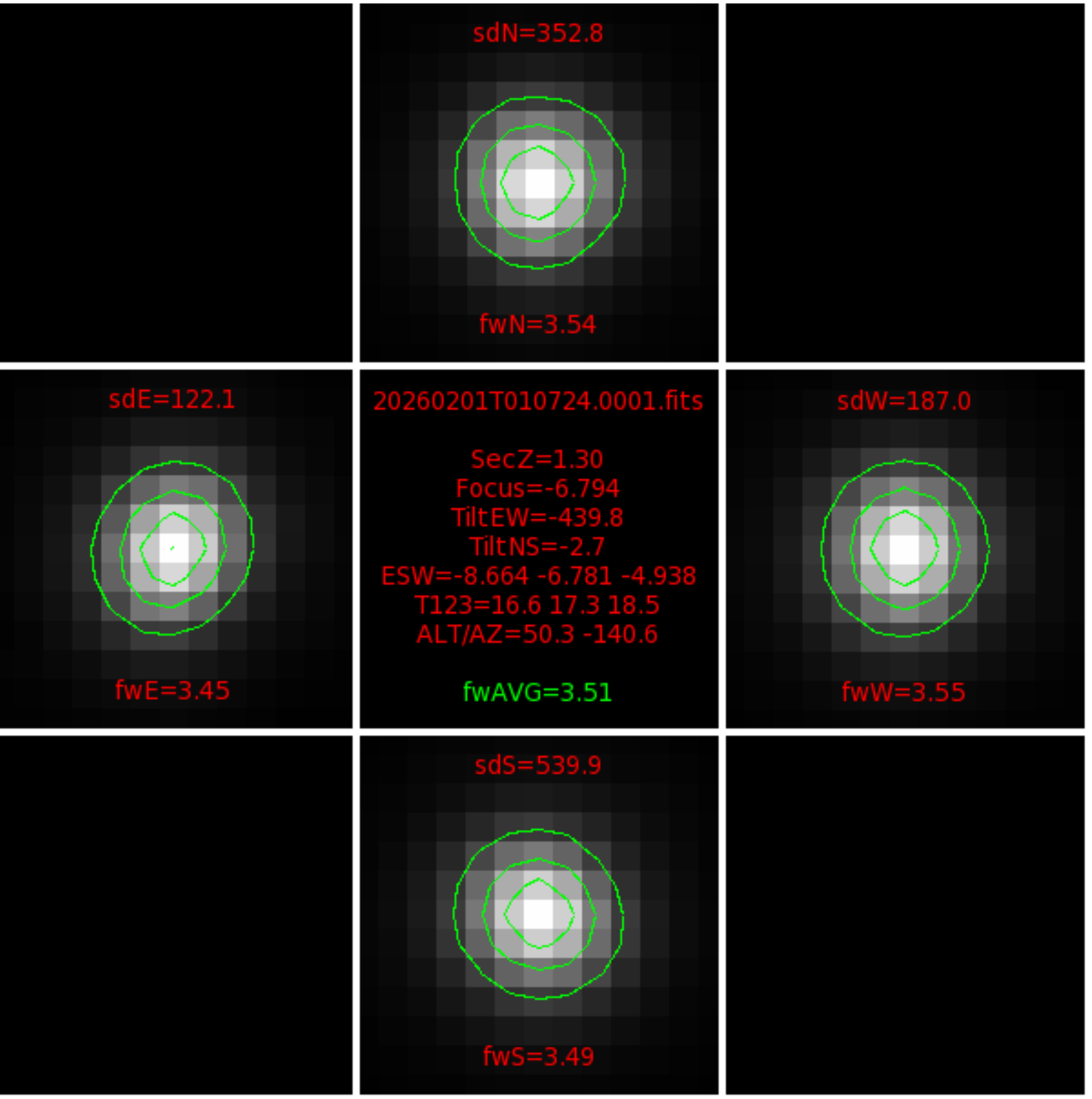
sdN=352.8
fwN=3.54
sdE=122.1
fwE=3.45
20260201T010724.0001.fits
SecZ=1.30
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.6 17.3 18.5
ALT/AZ=50.3 -140.6
fwAVG=3.51
sdW=187.0
fwW=3.55
sdS=539.9
fwS=3.49
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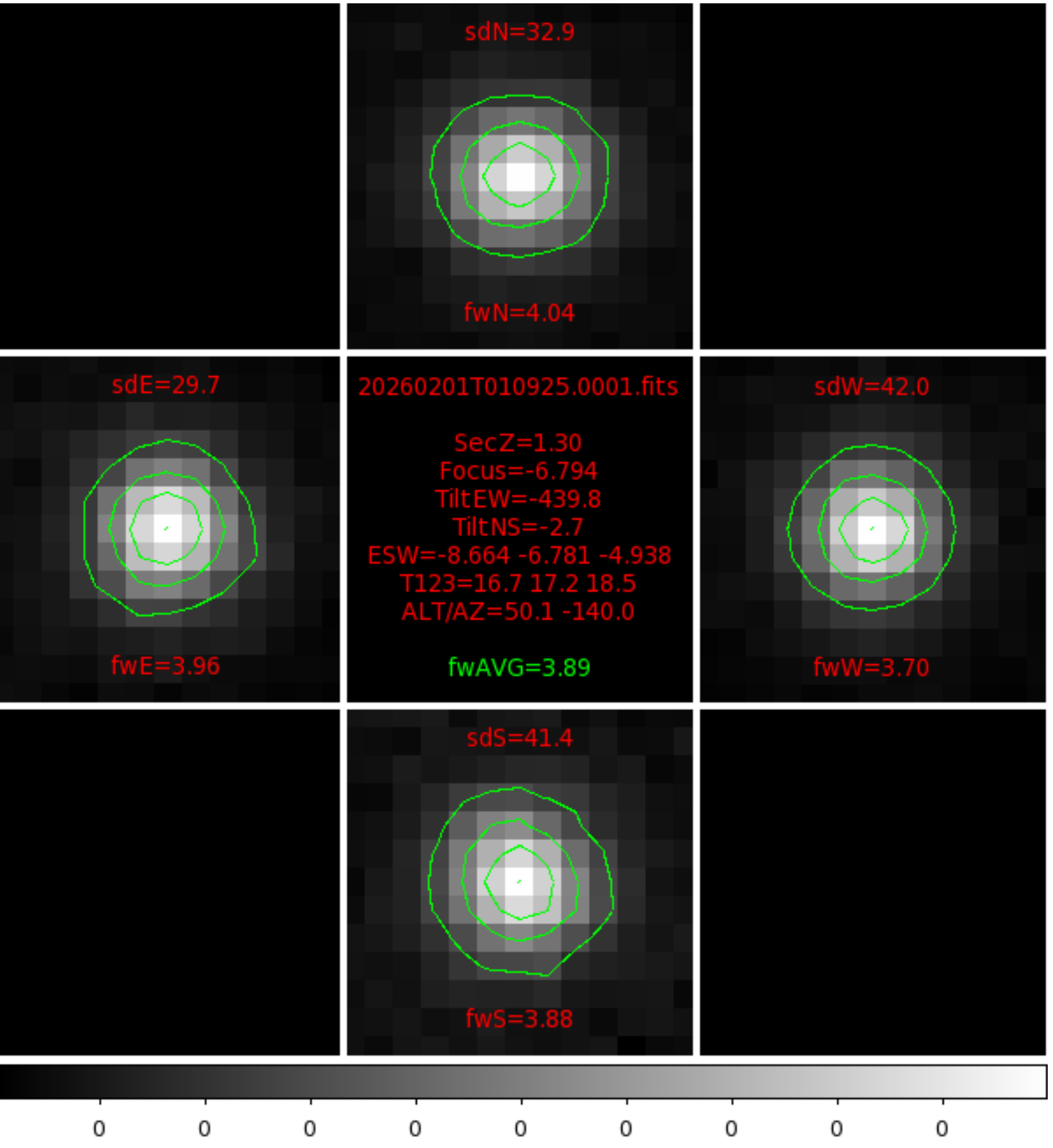
sdN=32.9
fwN=4.04
sdE=29.7
fwE=3.96
20260201T010925.0001.fits
SecZ=1.30
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.7 17.2 18.5
ALT/AZ=50.1 -140.0
fwAVG=3.89
sdW=42.0
fwW=3.70
sdS=41.4
fwS=3.88
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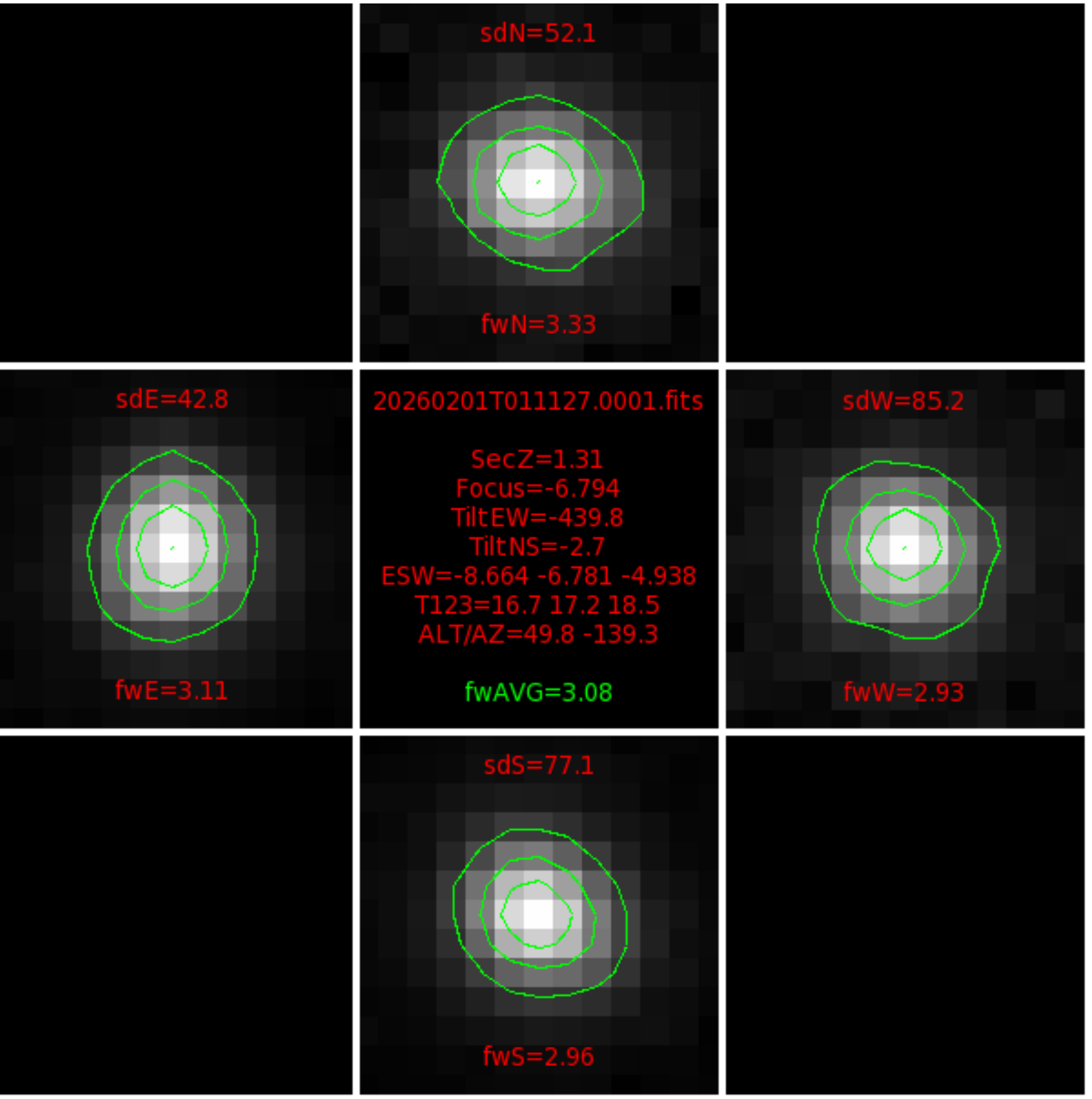
sdN=52.1
fwN=3.33
sdE=42.8
fwE=3.11
20260201T011127.0001.fits
SecZ=1.31
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.7 17.2 18.5
ALT/AZ=49.8 -139.3
fwAVG=3.08
sdW=85.2
fwW=2.93
sdS=77.1
fwS=2.96
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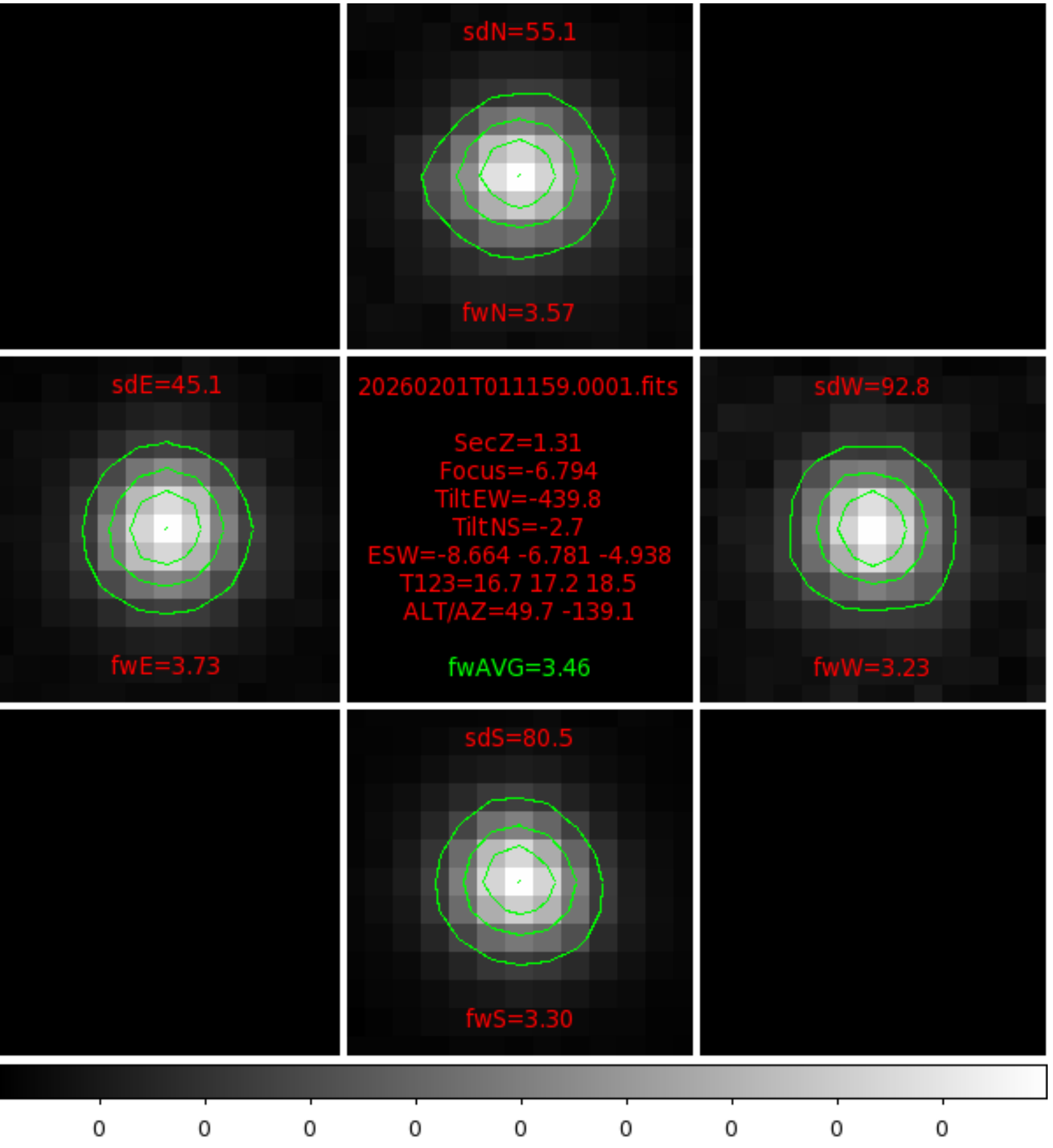
sdN=55.1
fwN=3.57
sdE=45.1
fwE=3.73
20260201T011159.0001.fits
SecZ=1.31
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.7 17.2 18.5
ALT/AZ=49.7 -139.1
fwAVG=3.46
sdW=92.8
fwW=3.23
sdS=80.5
fwS=3.30
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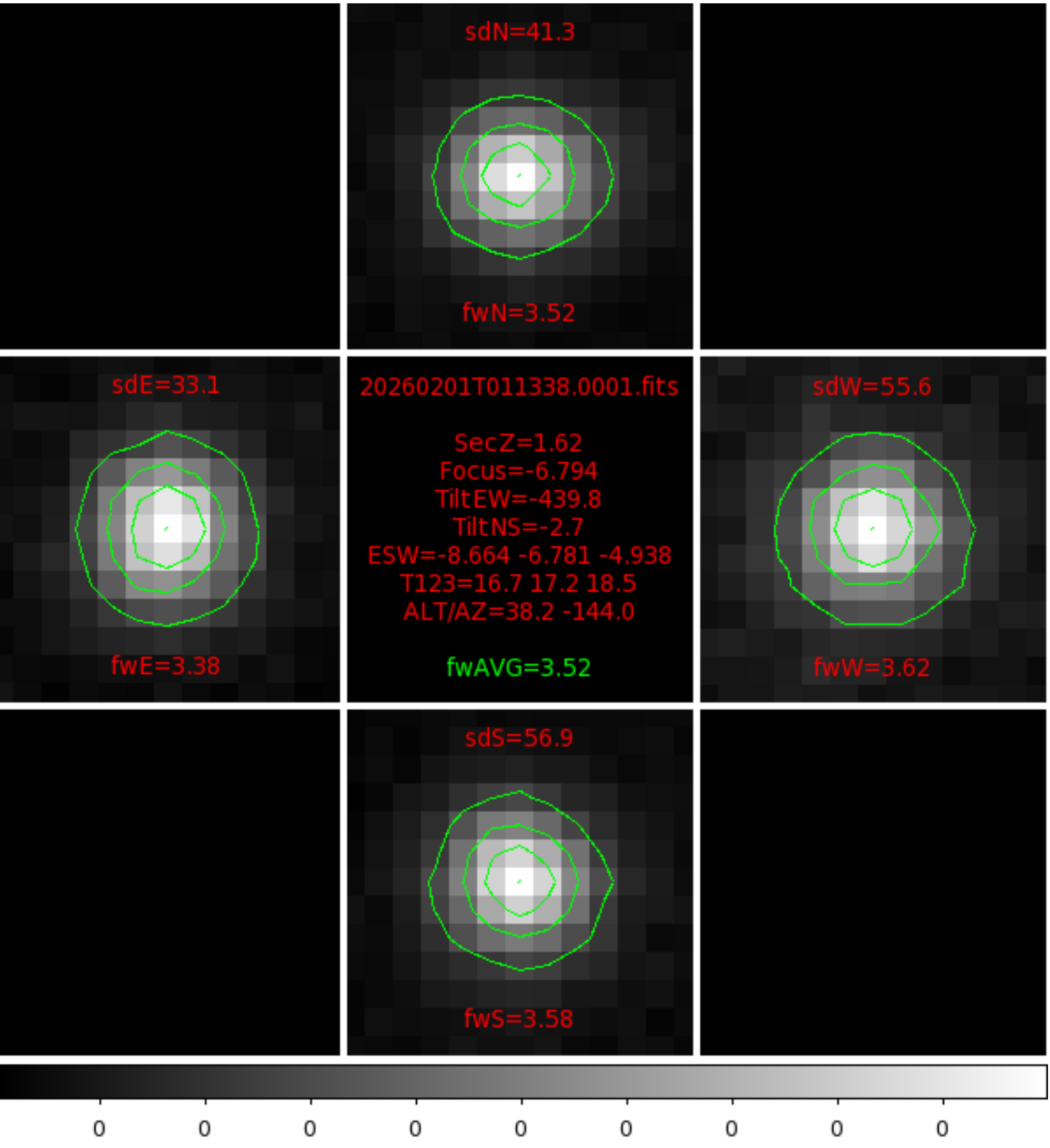
sdN=41.3
fwN=3.52
sdE=33.1
fwE=3.38
20260201T011338.0001.fits
SecZ=1.62
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.7 17.2 18.5
ALT/AZ=38.2 -144.0
fwAVG=3.52
sdW=55.6
fwW=3.62
sdS=56.9
fwS=3.58
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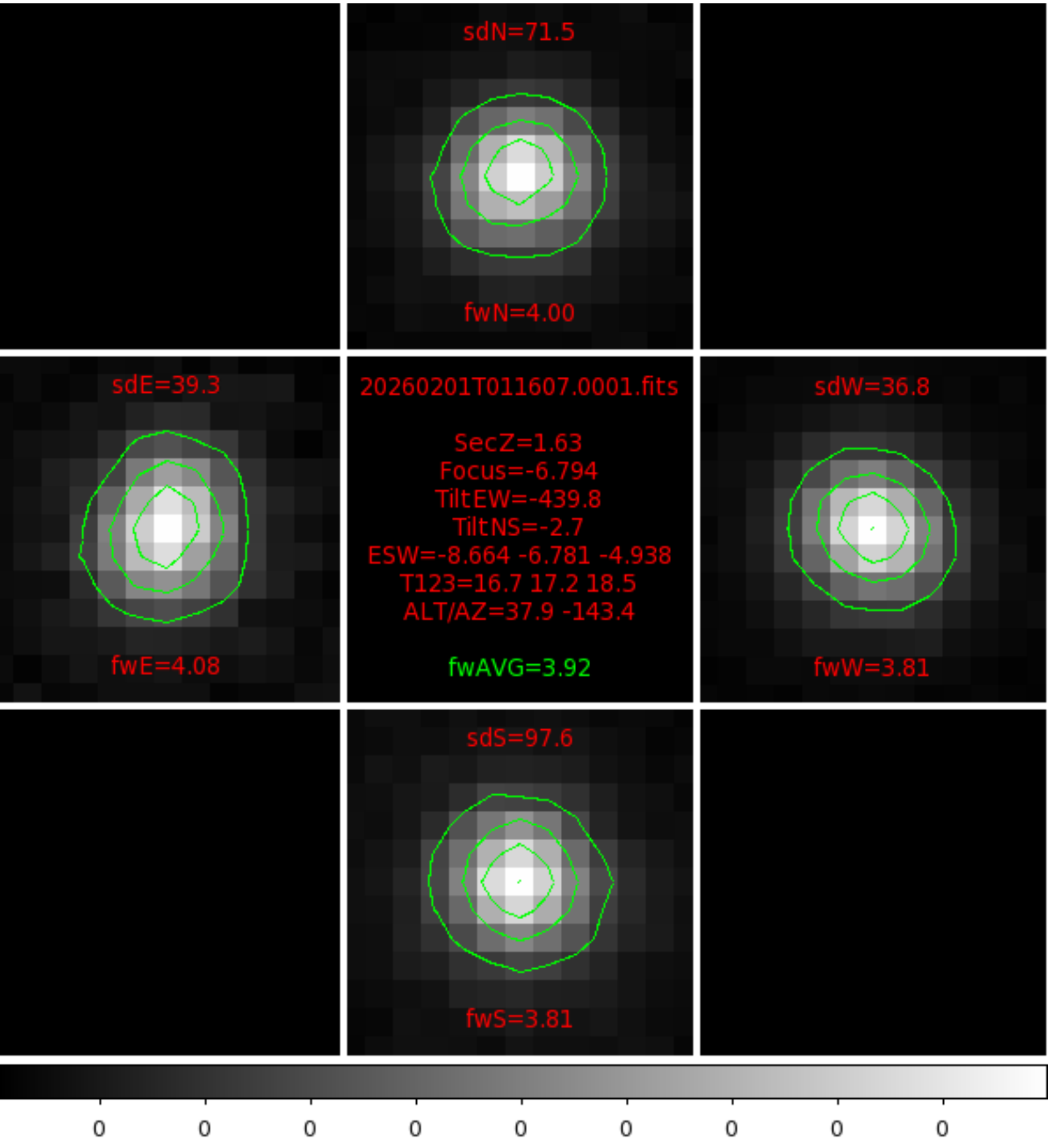
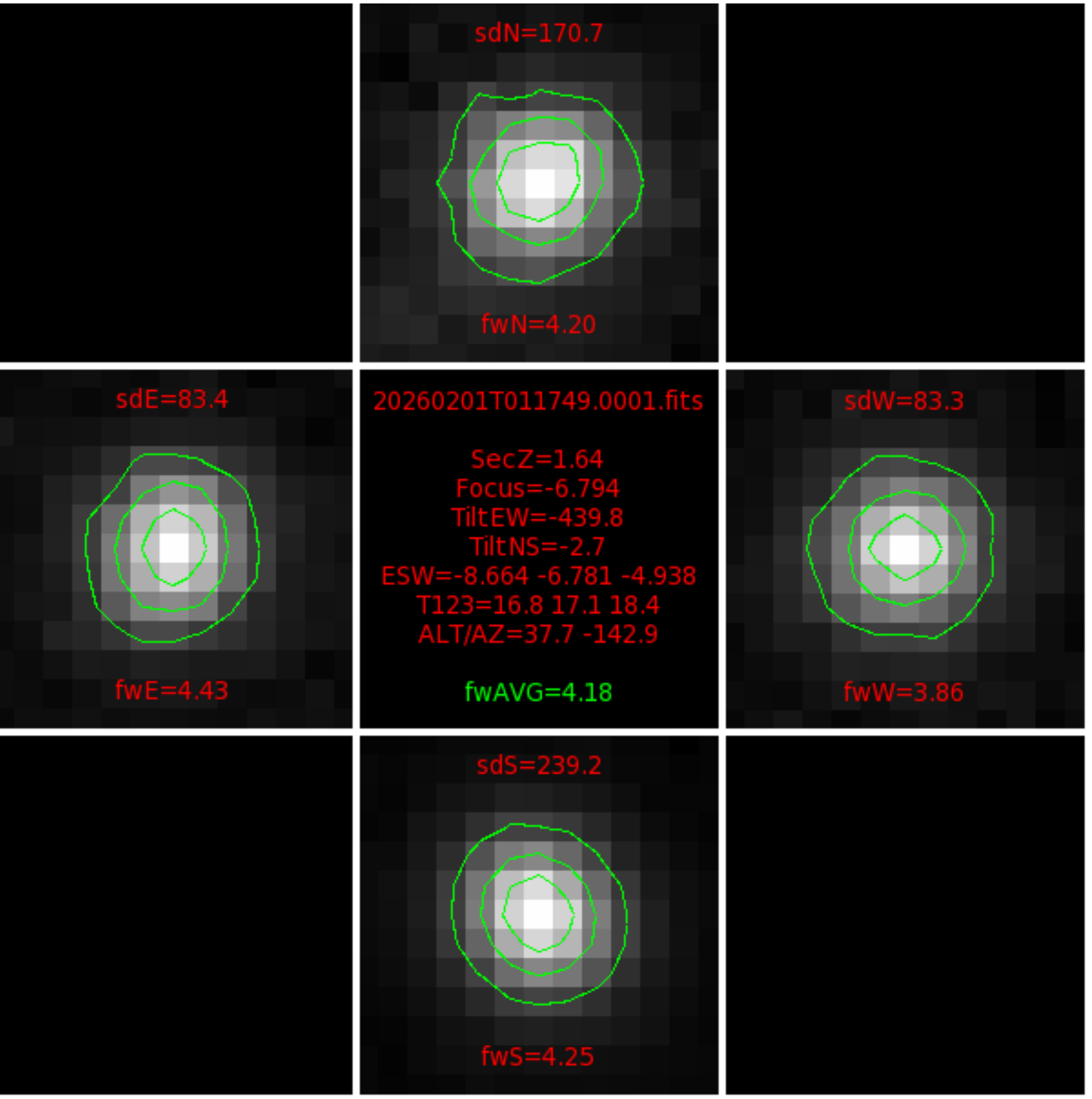
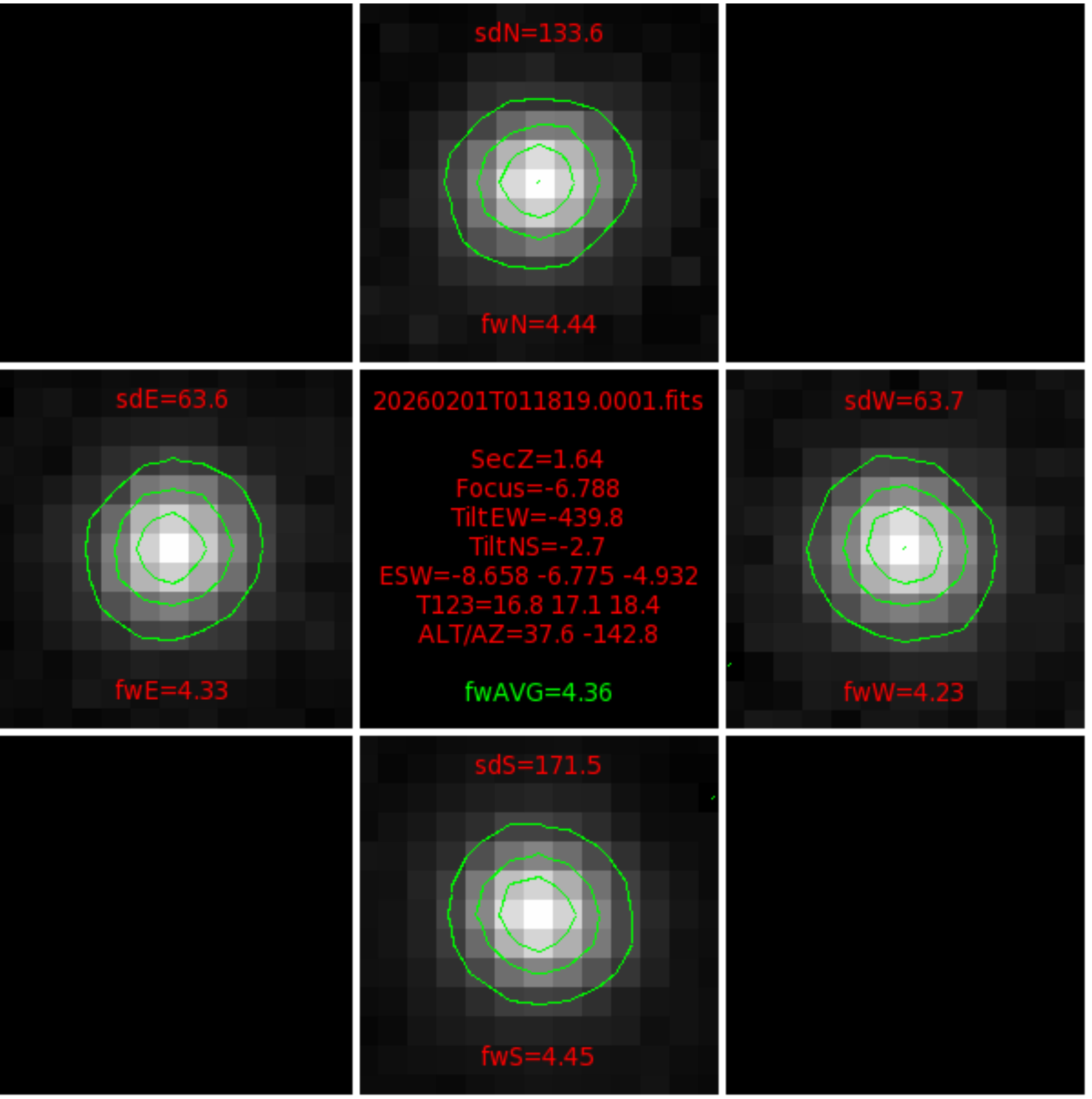
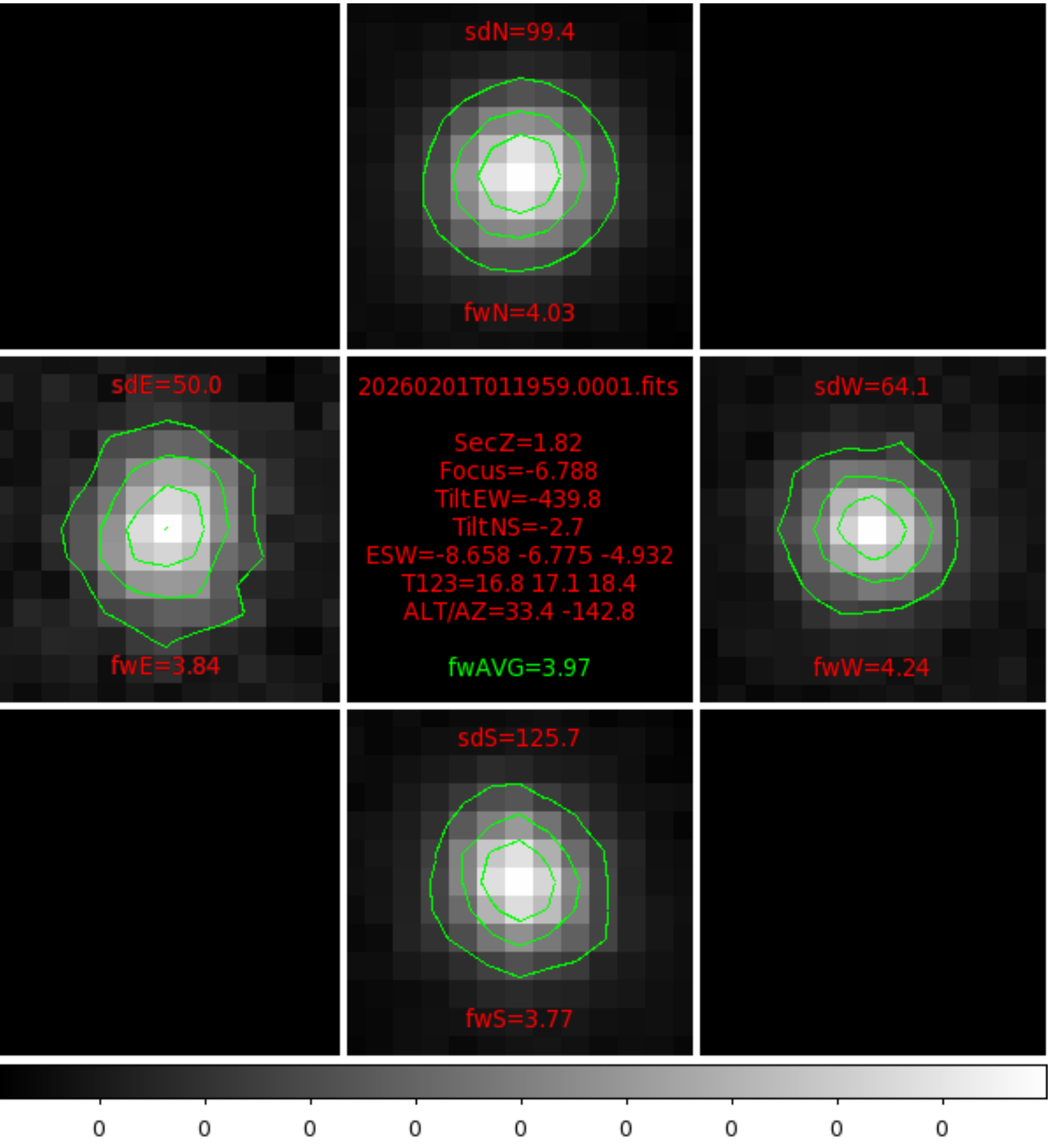
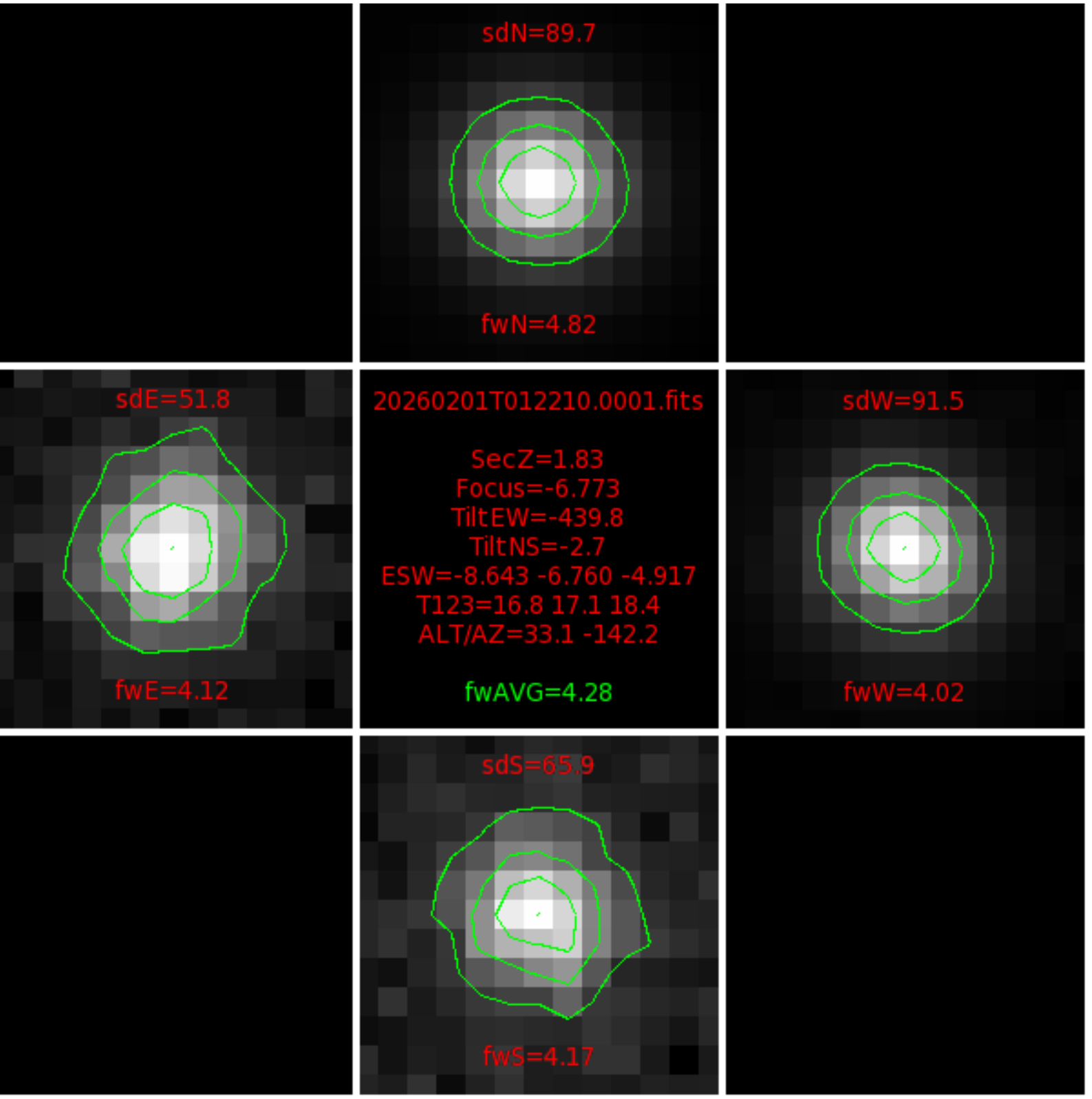

sdN=71.5
fwN=4.00
sdE=39.3
fwE=4.08
20260201T011607.0001.fits
SecZ=1.63
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.7 17.2 18.5
ALT/AZ=37.9 -143.4
fwAVG=3.92
sdW=36.8
fwW=3.81
sdS=97.6
fwS=3.81
0 0 0 0 0 0 0 0 0

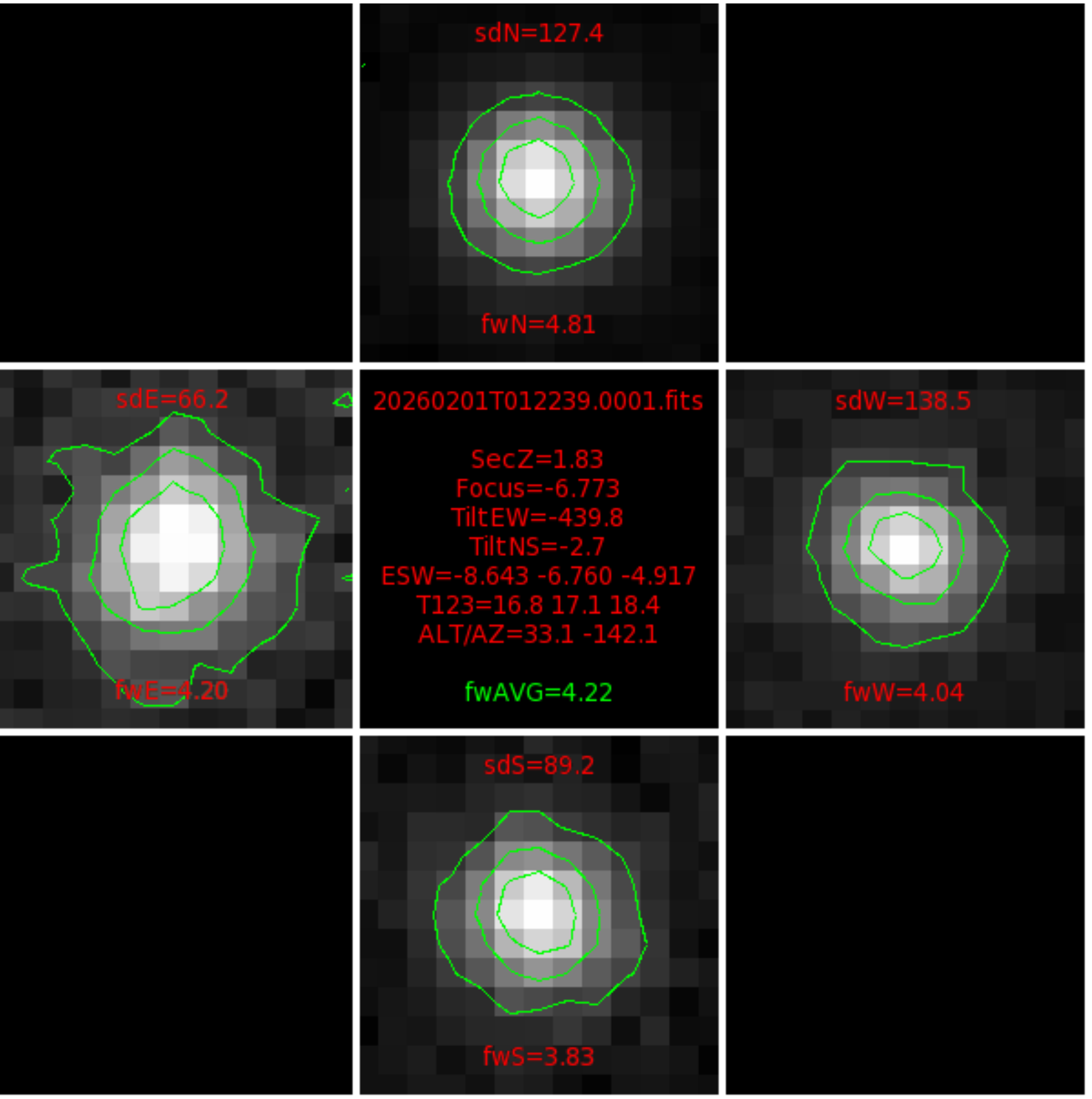

sdN=170.7
fwN=4.20
sdE=83.4
fwE=4.43
20260201T011749.0001.fits
SecZ=1.64
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.8 17.1 18.4
ALT/AZ=37.7 -142.9
fwAVG=4.18
sdW=83.3
fwW=3.86
sdS=239.2
fwS=4.25
0 0 0 0 0 0 0 0 0

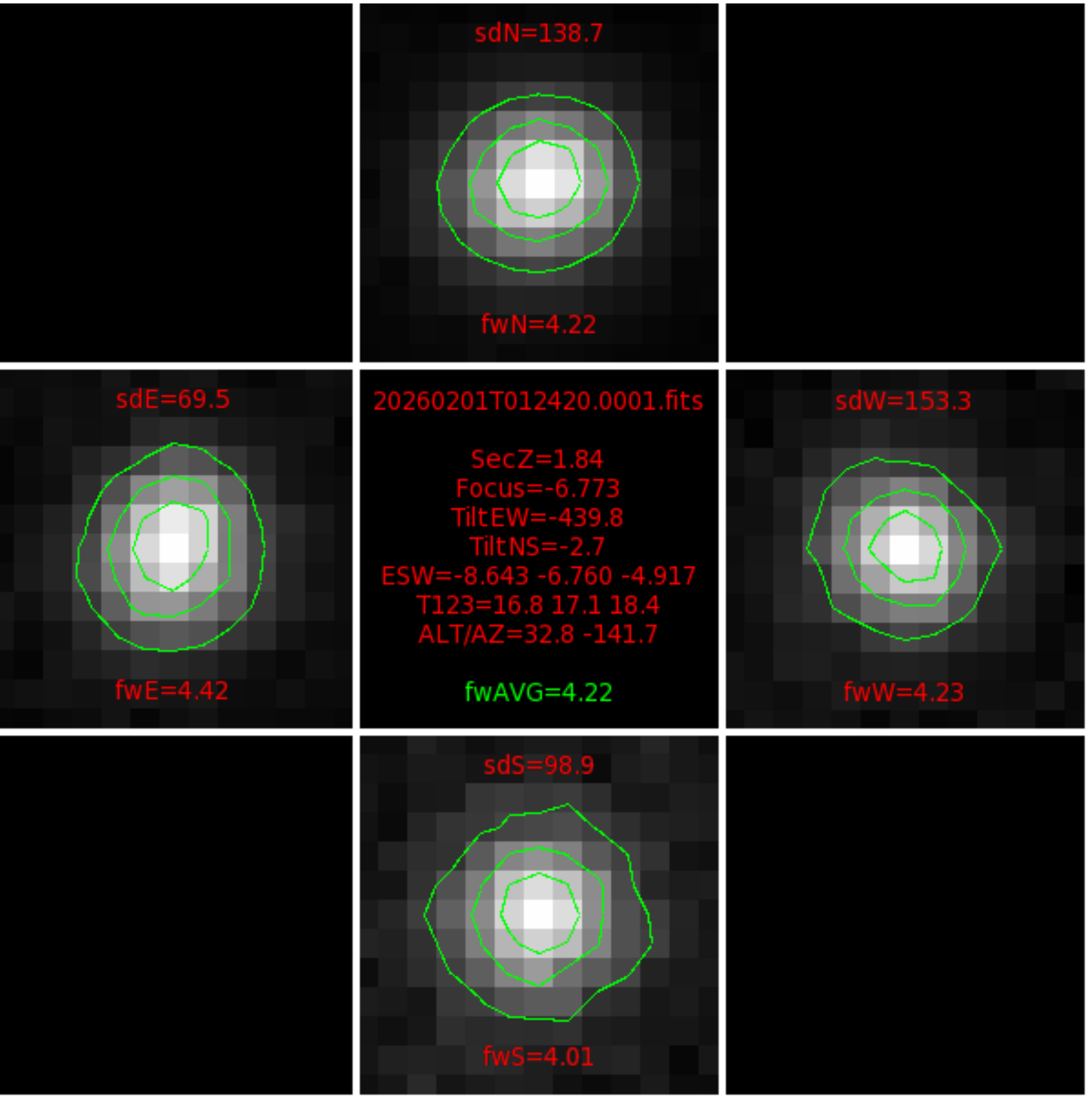

sdN=133.6
fwN=4.44
sdE=63.6
fwE=4.33
20260201T011819.0001.fits
SecZ=1.64
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.8 17.1 18.4
ALT/AZ=37.6 -142.8
fwAVG=4.36
sdW=63.7
fwW=4.23
sdS=171.5
fwS=4.45
0 0 0 0 0 0 0 0 0


sdN=99.4
fwN=4.03
sdE=50.0
fwE=3.84
20260201T011959.0001.fits
SecZ=1.82
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.8 17.1 18.4
ALT/AZ=33.4 -142.8
fwAVG=3.97
sdW=64.1
fwW=4.24
sdS=125.7
fwS=3.77
0 0 0 0 0 0 0 0 0


20260201T012030.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
0 0 0 0 0 0 0 0 0


sdN=89.7
fwN=4.82
sdE=51.8
fwE=4.12
20260201T012210.0001.fits
SecZ=1.83
Focus=-6.773
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.643 -6.760 -4.917
T123=16.8 17.1 18.4
ALT/AZ=33.1 -142.2
fwAVG=4.28
sdW=91.5
fwW=4.02
sdS=65.9
fwS=4.17
0 0 0 0 0 0 0 0 0


sdN=127.4
fwN=4.81
sdE=66.2
fwE=4.20
20260201T012239.0001.fits
SecZ=1.83
Focus=-6.773
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.643 -6.760 -4.917
T123=16.8 17.1 18.4
ALT/AZ=33.1 -142.1
fwAVG=4.22
sdW=138.5
fwW=4.04
sdS=89.2
fwS=3.83
0 0 0 0 0 0 0 0 0


sdN=138.7
fwN=4.22
sdE=69.5
fwE=4.42
20260201T012420.0001.fits
SecZ=1.84
Focus=-6.773
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.643 -6.760 -4.917
T123=16.8 17.1 18.4
ALT/AZ=32.8 -141.7
fwAVG=4.22
sdW=153.3
fwW=4.23
sdS=98.9
fwS=4.01
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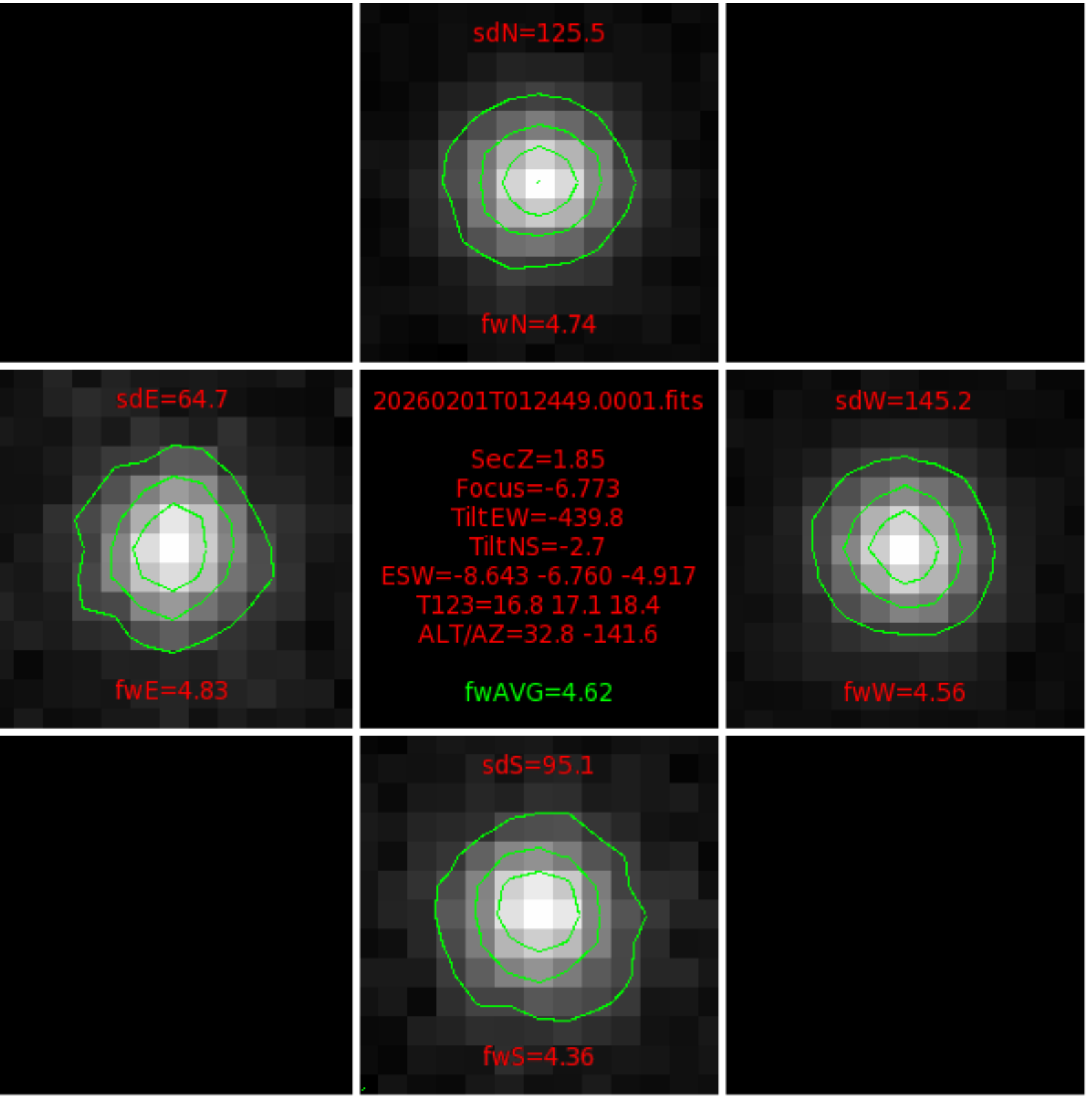
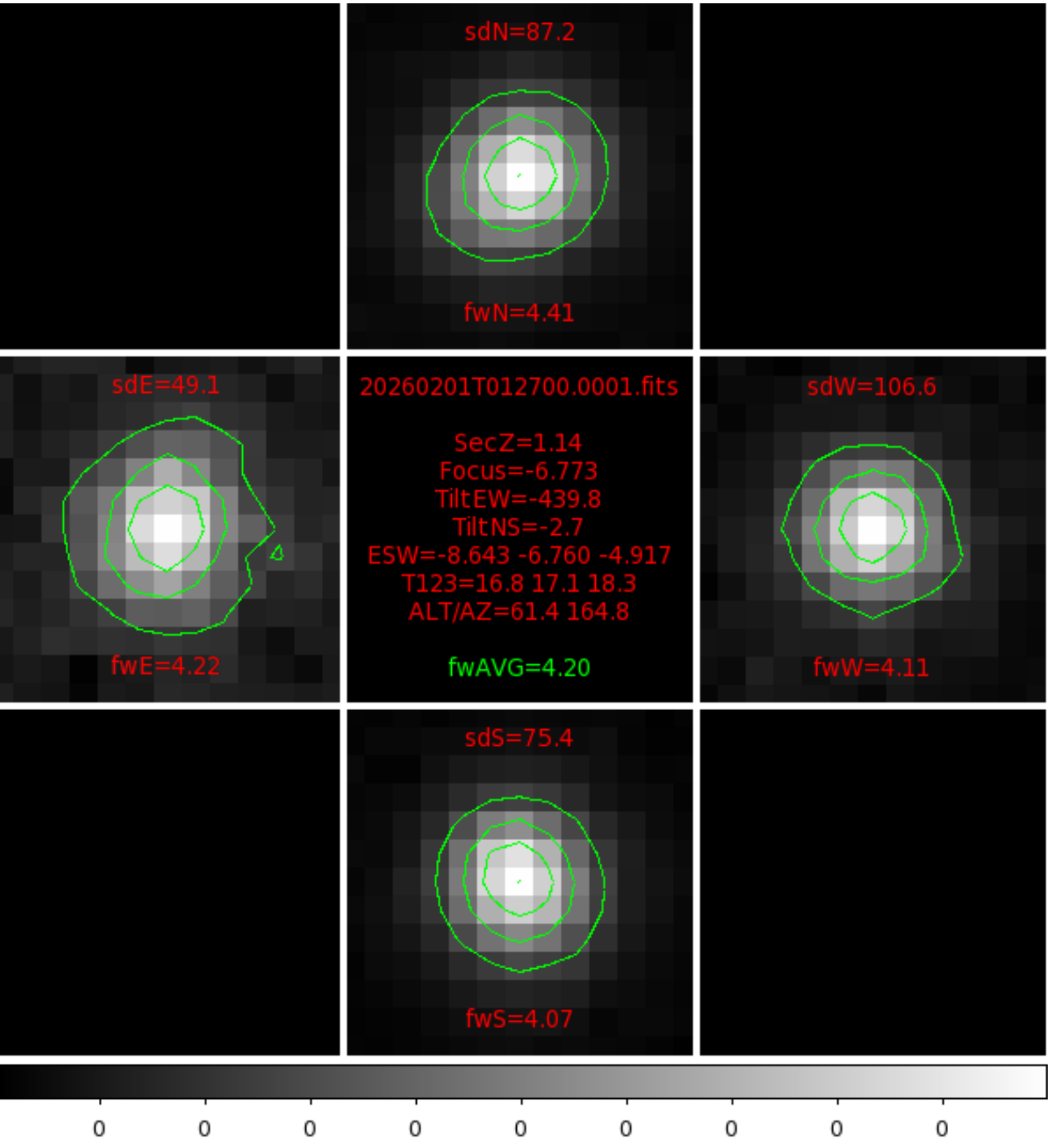
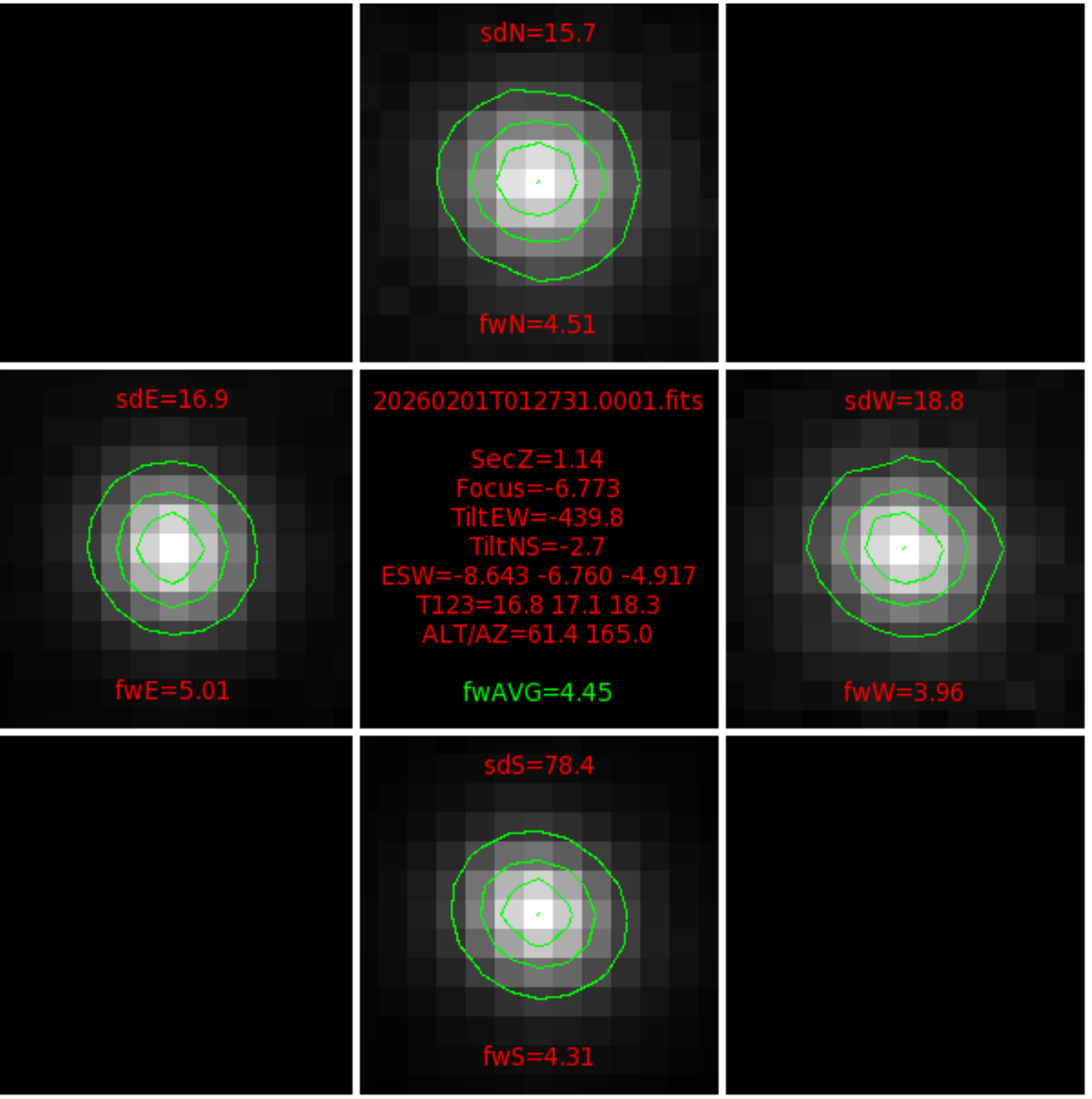
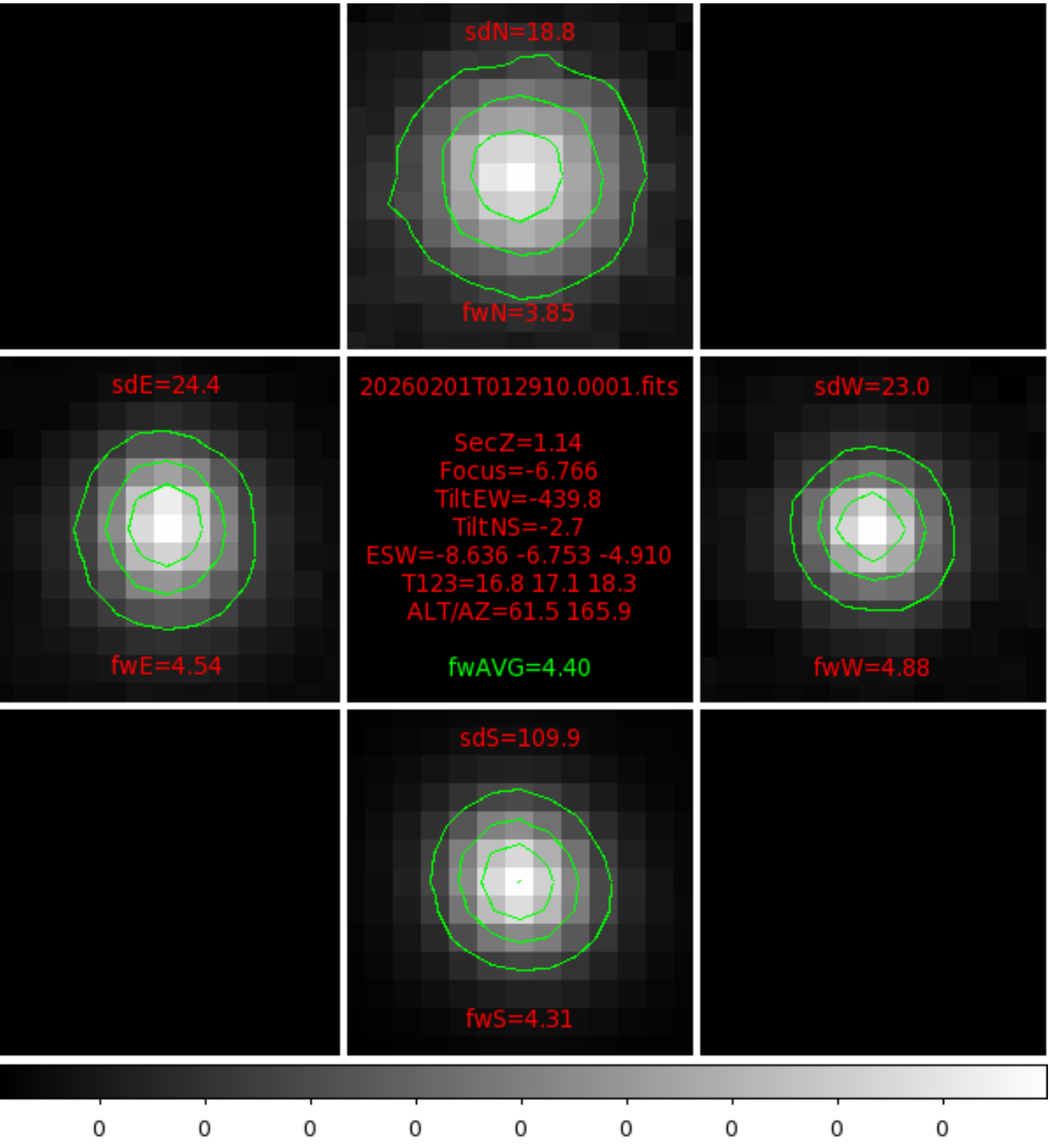
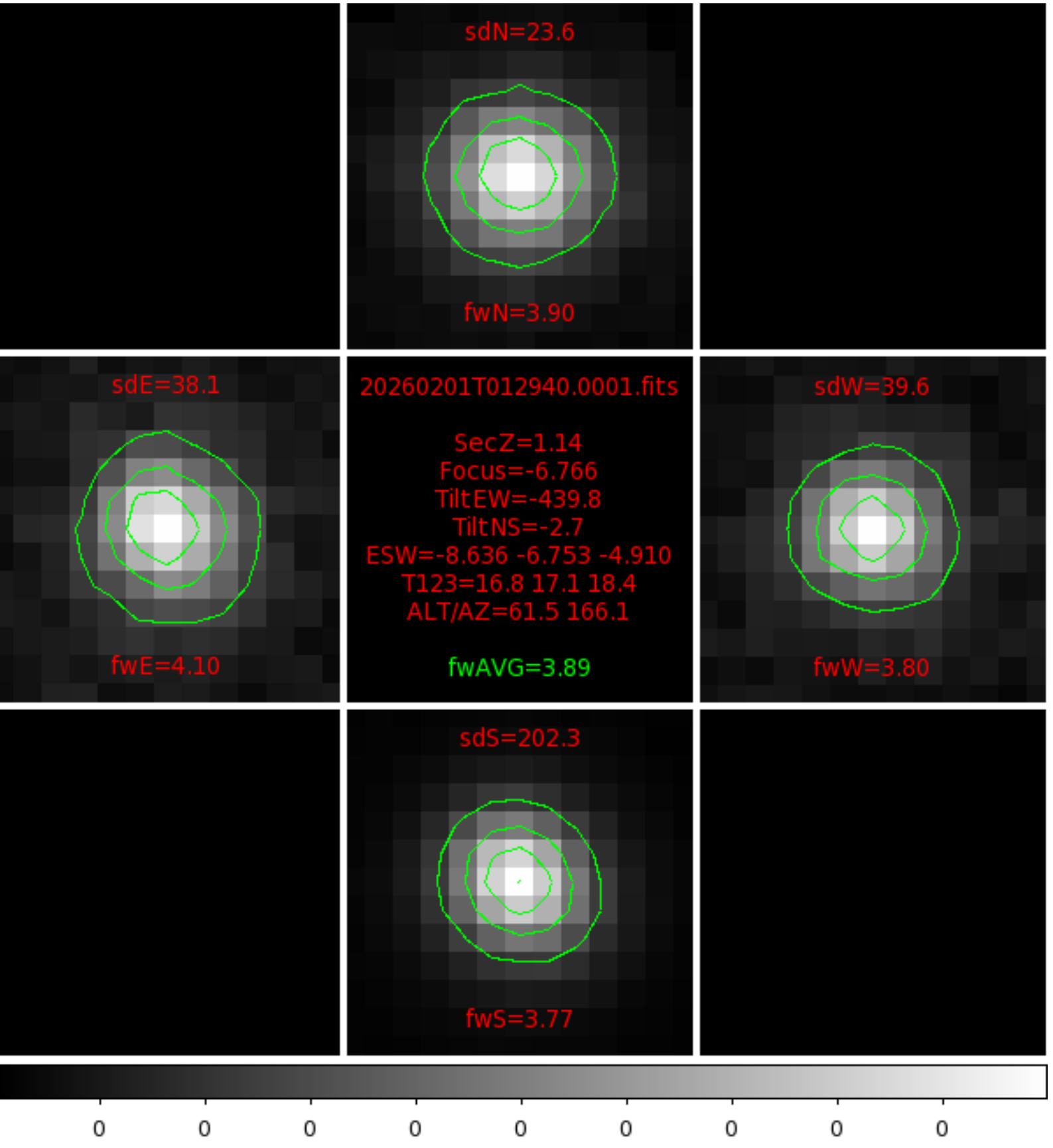
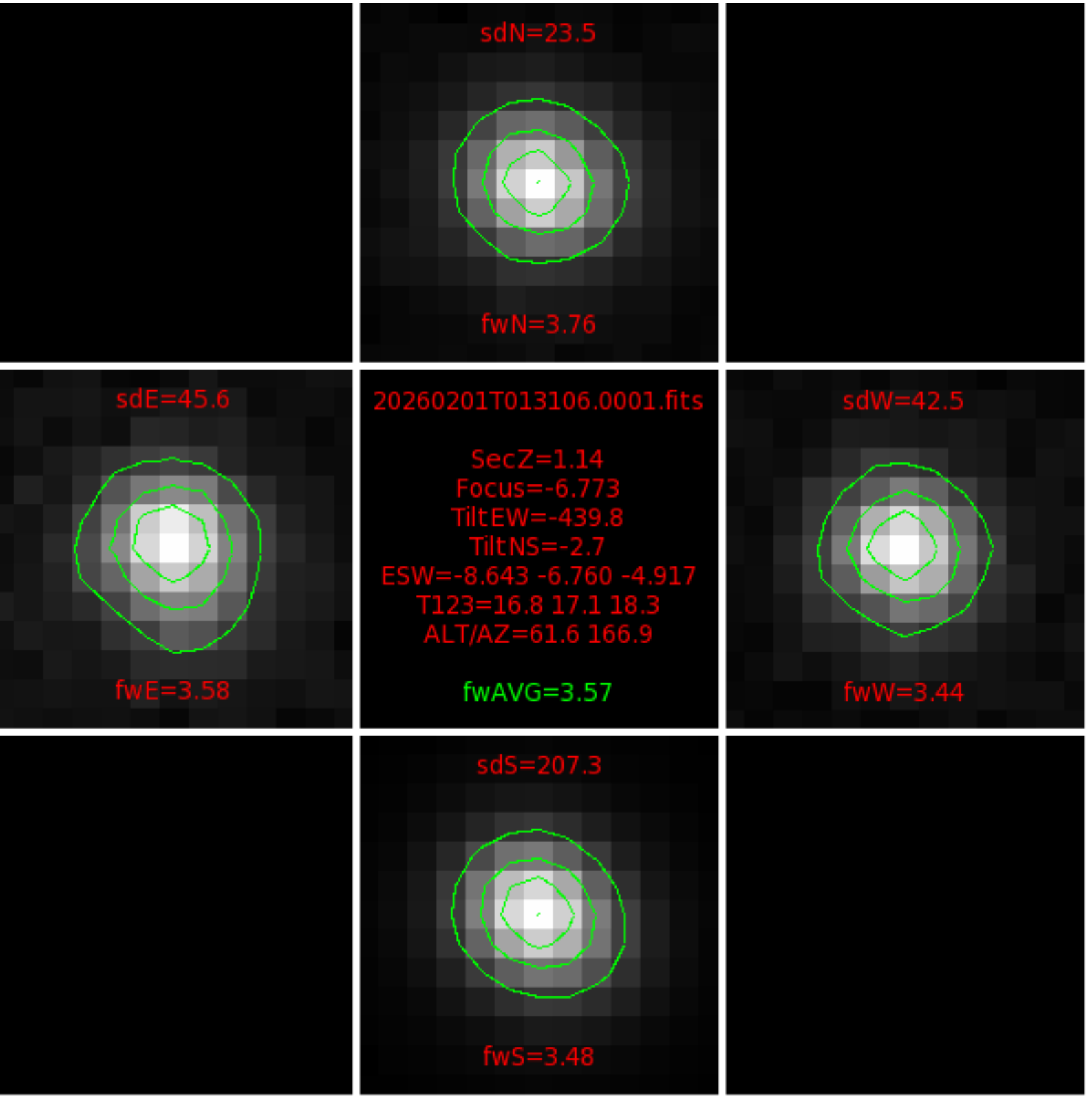

sdN=125.5
fwN=4.74
sdE=64.7
fwE=4.83
20260201T012449.0001.fits
SecZ=1.85
Focus=-6.773
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.643 -6.760 -4.917
T123=16.8 17.1 18.4
ALT/AZ=32.8 -141.6
fwAVG=4.62
sdW=145.2
fwW=4.56
sdS=95.1
fwS=4.36
0 0 0 0 0 0 0 0 0


sdN=87.2
fwN=4.41
sdE=49.1
fwE=4.22
20260201T012700.0001.fits
SecZ=1.14
Focus=-6.773
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.643 -6.760 -4.917
T123=16.8 17.1 18.3
ALT/AZ=61.4 164.8
fwAVG=4.20
sdW=106.6
fwW=4.11
sdS=75.4
fwS=4.07
0 0 0 0 0 0 0 0 0


sdN=15.7
fwN=4.51
sdE=16.9
fwE=5.01
20260201T012731.0001.fits
SecZ=1.14
Focus=-6.773
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.643 -6.760 -4.917
T123=16.8 17.1 18.3
ALT/AZ=61.4 165.0
fwAVG=4.45
sdW=18.8
fwW=3.96
sdS=78.4
fwS=4.31
0 0 0 0 0 0 0 0 0


sdN=18.8
fwN=3.85
sdE=24.4
fwE=4.54
20260201T012910.0001.fits
SecZ=1.14
Focus=-6.766
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.636 -6.753 -4.910
T123=16.8 17.1 18.3
ALT/AZ=61.5 165.9
fwAVG=4.40
sdW=23.0
fwW=4.88
sdS=109.9
fwS=4.31
0 0 0 0 0 0 0 0 0


sdN=23.6
fwN=3.90
sdE=38.1
fwE=4.10
20260201T012940.0001.fits
SecZ=1.14
Focus=-6.766
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.636 -6.753 -4.910
T123=16.8 17.1 18.4
ALT/AZ=61.5 166.1
fwAVG=3.89
sdW=39.6
fwW=3.80
sdS=202.3
fwS=3.77
0 0 0 0 0 0 0 0 0


sdN=23.5
fwN=3.76
sdE=45.6
fwE=3.58
20260201T013106.0001.fits
SecZ=1.14
Focus=-6.773
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.643 -6.760 -4.917
T123=16.8 17.1 18.3
ALT/AZ=61.6 166.9
fwAVG=3.57
sdW=42.5
fwW=3.44
sdS=207.3
fwS=3.48
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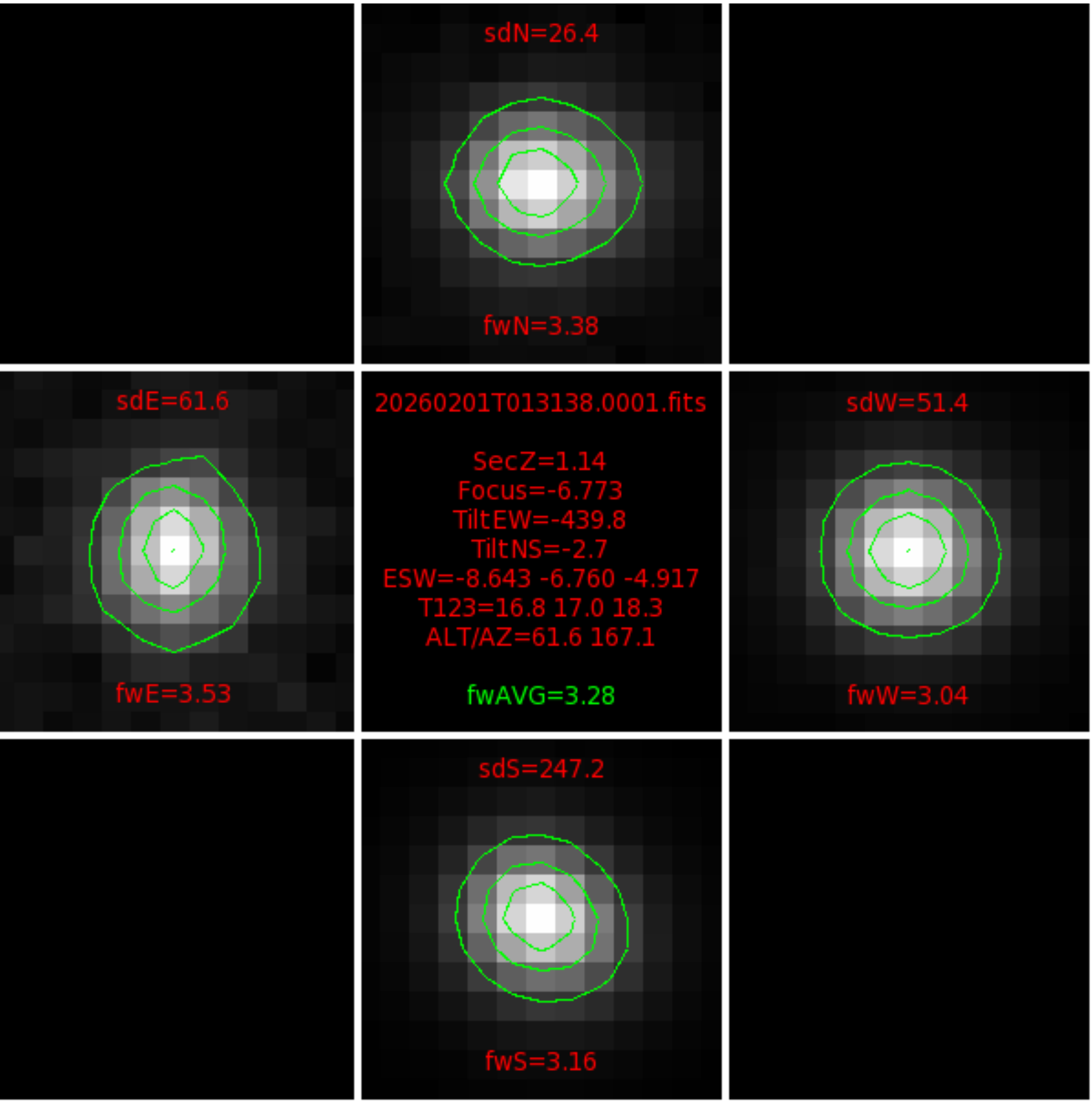
sdN=26.4
fwN=3.38
sdE=61.6
fwE=3.53
20260201T013138.0001.fits
SecZ=1.14
Focus=-6.773
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.643 -6.760 -4.917
T123=16.8 17.0 18.3
ALT/AZ=61.6 167.1
fwAVG=3.28
sdW=51.4
fwW=3.04
sdS=247.2
fwS=3.16
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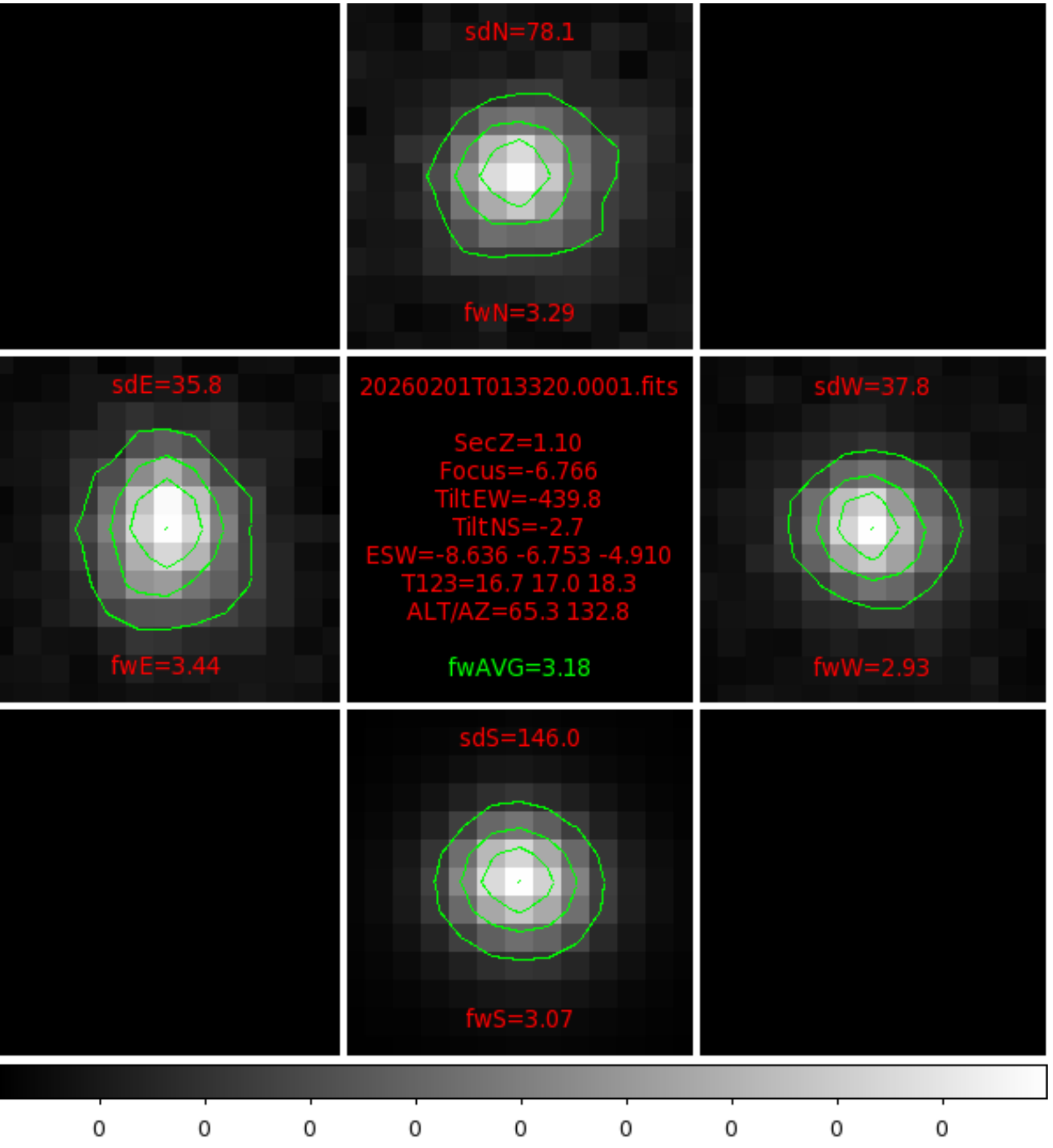
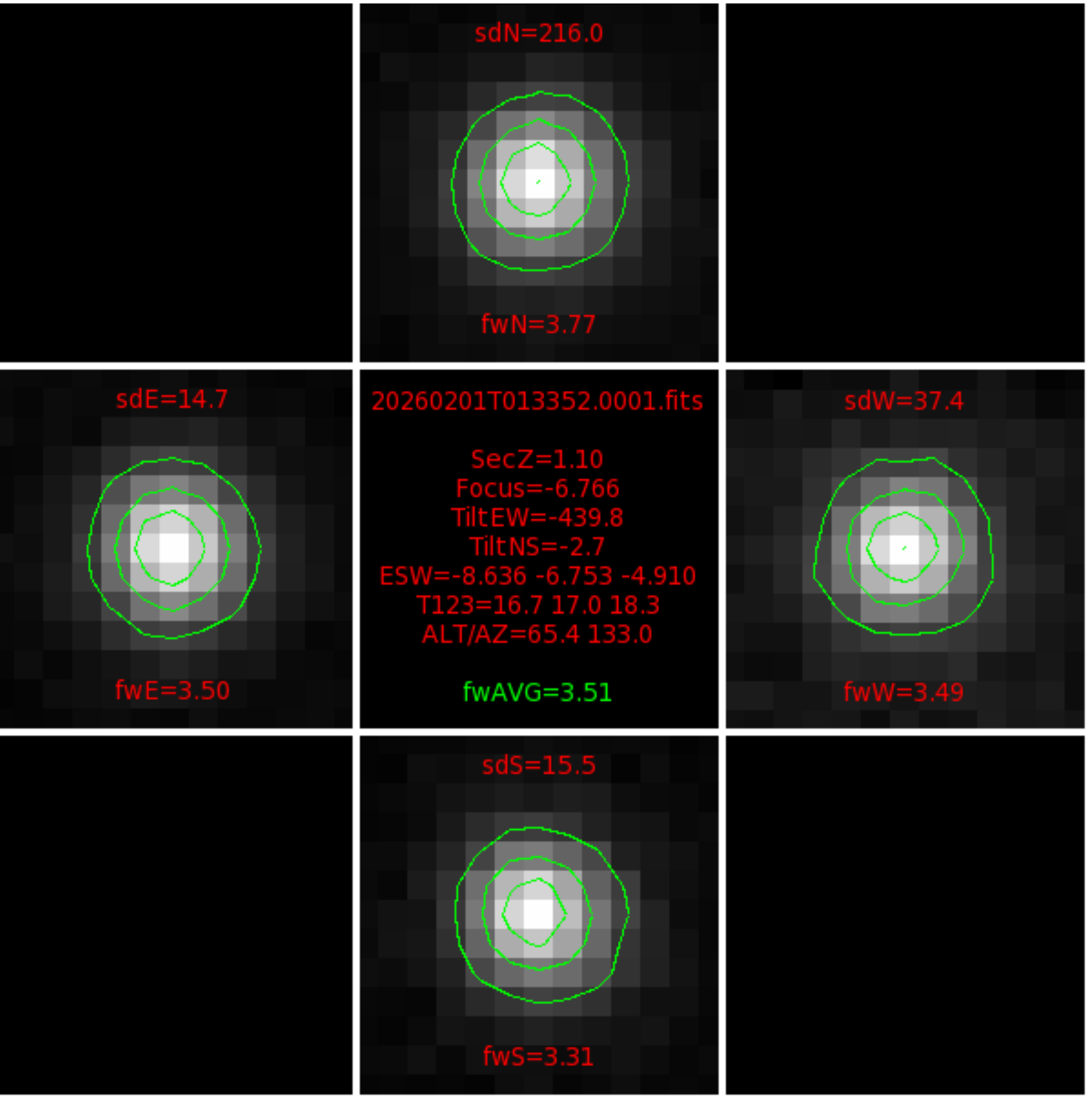
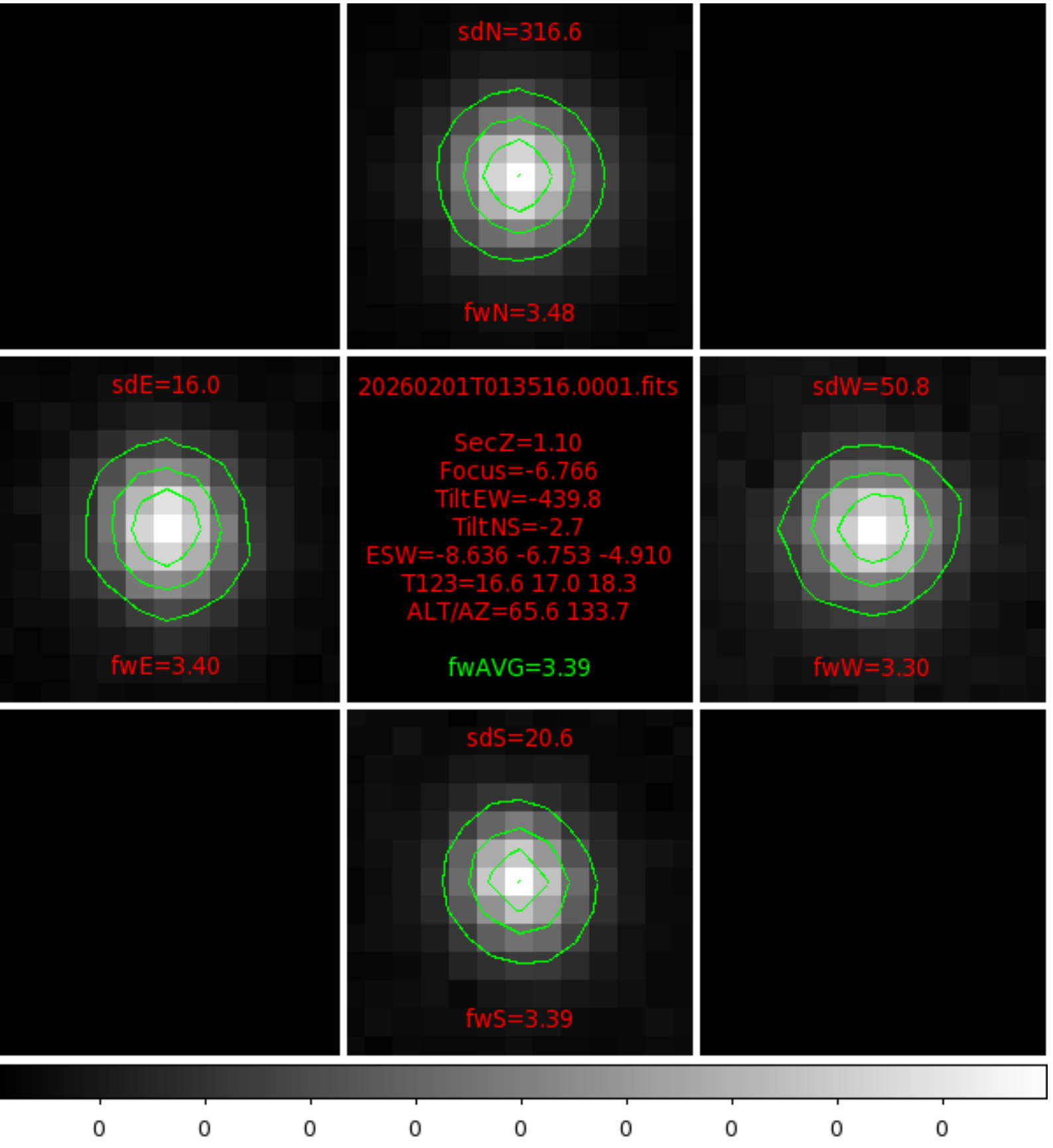
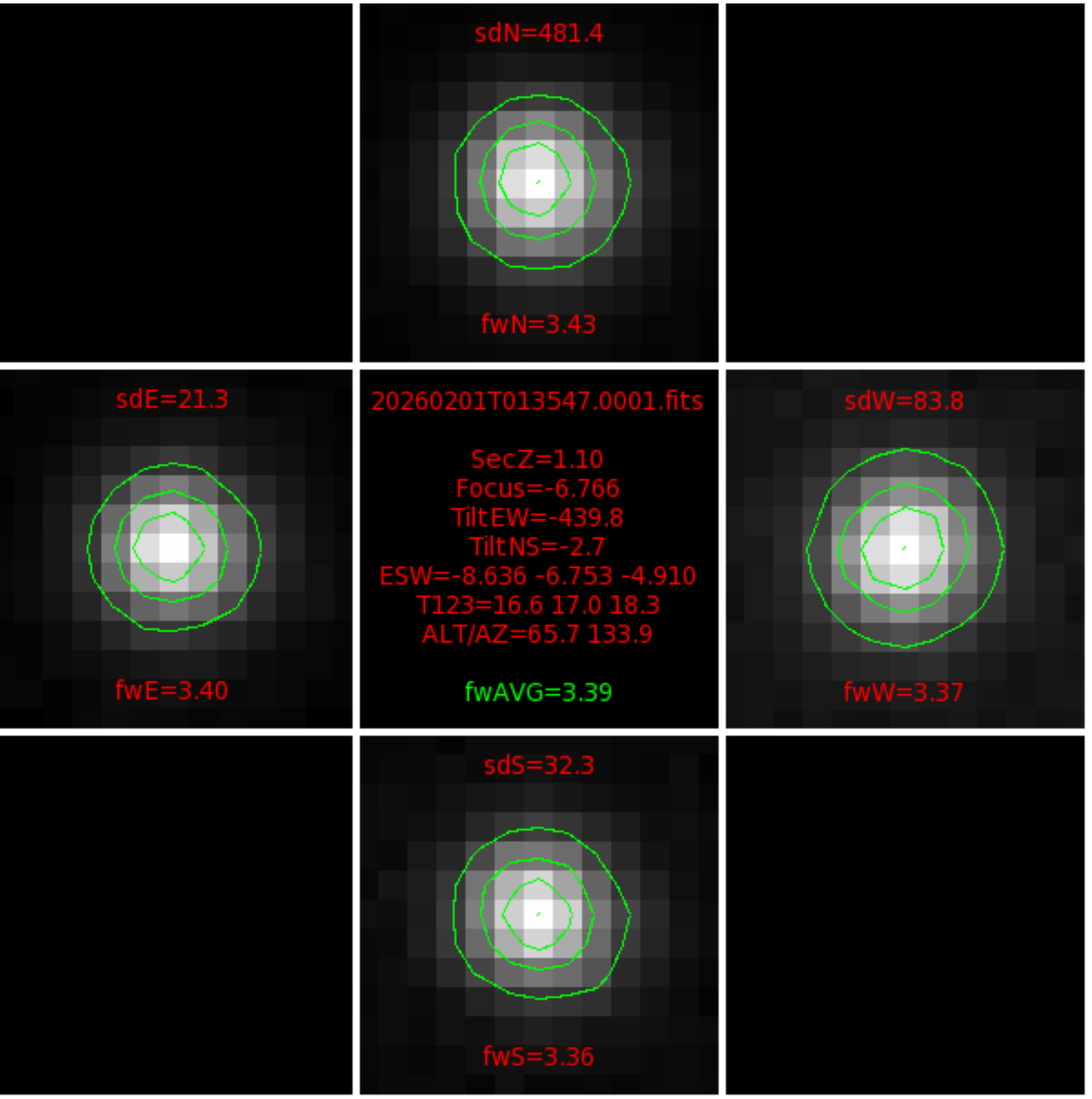

sdN=78.1
fwN=3.29
sdE=35.8
fwE=3.44
20260201T013320.0001.fits
SecZ=1.10
Focus=-6.766
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.636 -6.753 -4.910
T123=16.7 17.0 18.3
ALT/AZ=65.3 132.8
fwAVG=3.18
sdW=37.8
fwW=2.93
sdS=146.0
fwS=3.07
0 0 0 0 0 0 0 0 0


sdN=216.0
fwN=3.77
sdE=14.7
fwE=3.50
20260201T013352.0001.fits
SecZ=1.10
Focus=-6.766
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.636 -6.753 -4.910
T123=16.7 17.0 18.3
ALT/AZ=65.4 133.0
fwAVG=3.51
sdW=37.4
fwW=3.49
sdS=15.5
fwS=3.31
0 0 0 0 0 0 0 0 0


sdN=316.6
fwN=3.48
sdE=16.0
fwE=3.40
20260201T013516.0001.fits
SecZ=1.10
Focus=-6.766
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.636 -6.753 -4.910
T123=16.6 17.0 18.3
ALT/AZ=65.6 133.7
fwAVG=3.39
sdW=50.8
fwW=3.30
sdS=20.6
fwS=3.39
0 0 0 0 0 0 0 0 0


sdN=481.4
fwN=3.43
sdE=21.3
fwE=3.40
20260201T013547.0001.fits
SecZ=1.10
Focus=-6.766
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.636 -6.753 -4.910
T123=16.6 17.0 18.3
ALT/AZ=65.7 133.9
fwAVG=3.39
sdW=83.8
fwW=3.37
sdS=32.3
fwS=3.36
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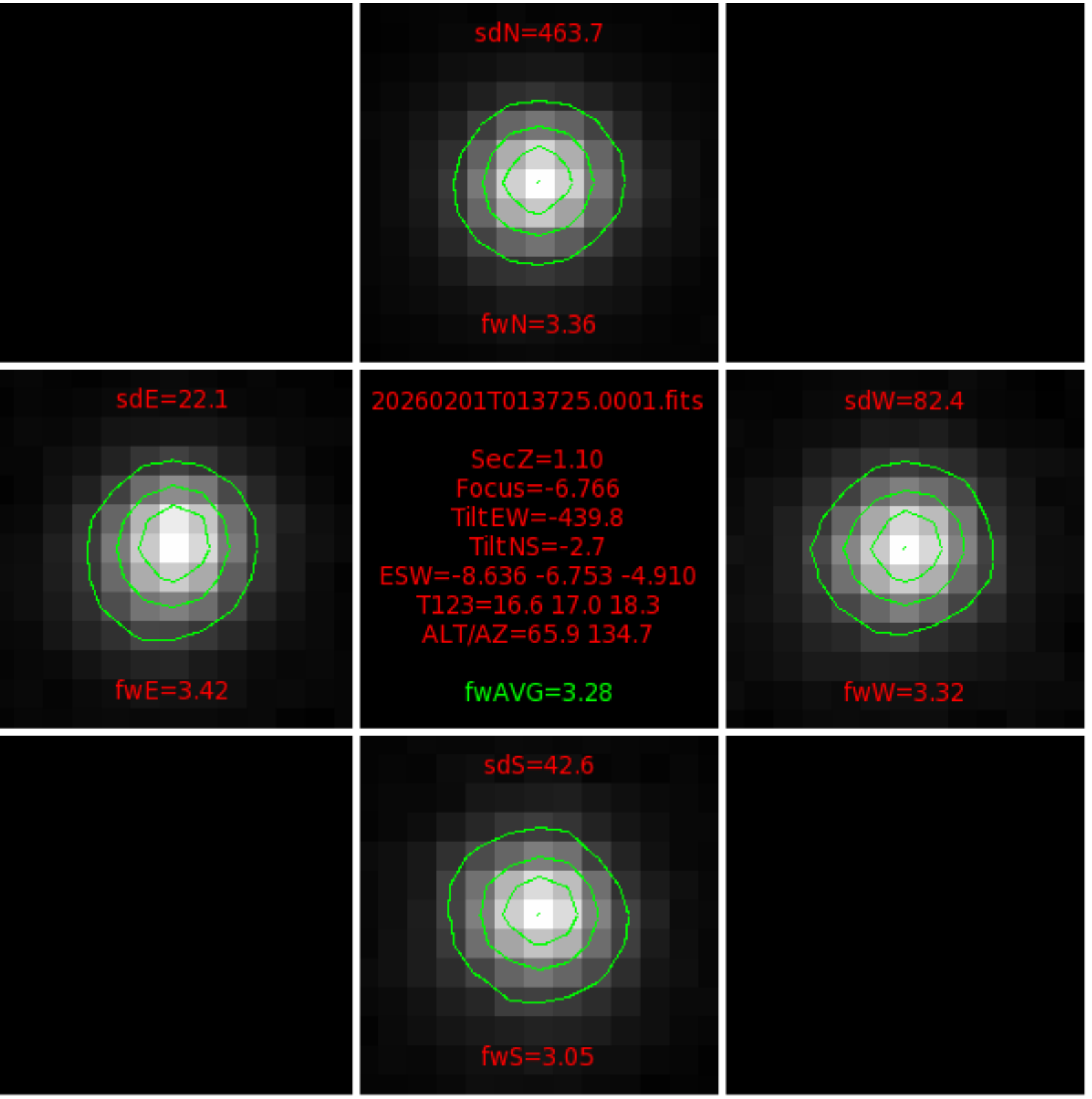
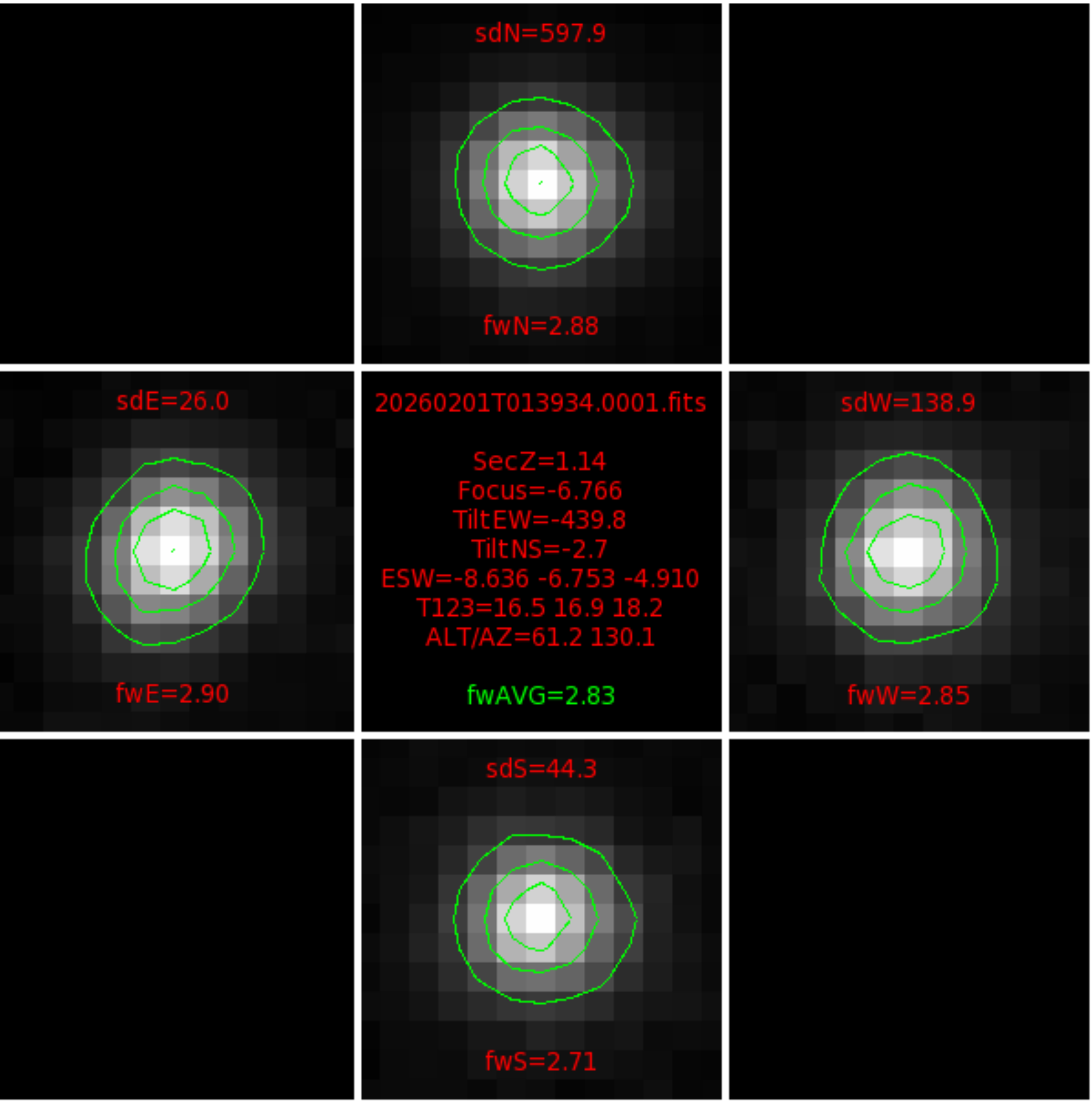

sdN=463.7
fwN=3.36
sdE=22.1
fwE=3.42
20260201T013725.0001.fits
SecZ=1.10
Focus=-6.766
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.636 -6.753 -4.910
T123=16.6 17.0 18.3
ALT/AZ=65.9 134.7
fwAVG=3.28
sdW=82.4
fwW=3.32
sdS=42.6
fwS=3.05
0 0 0 0 0 0 0 0 0


sdN=597.9
fwN=2.88
sdE=26.0
fwE=2.90
20260201T013934.0001.fits
SecZ=1.14
Focus=-6.766
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.636 -6.753 -4.910
T123=16.5 16.9 18.2
ALT/AZ=61.2 130.1
fwAVG=2.83
sdW=138.9
fwW=2.85
sdS=44.3
fwS=2.71
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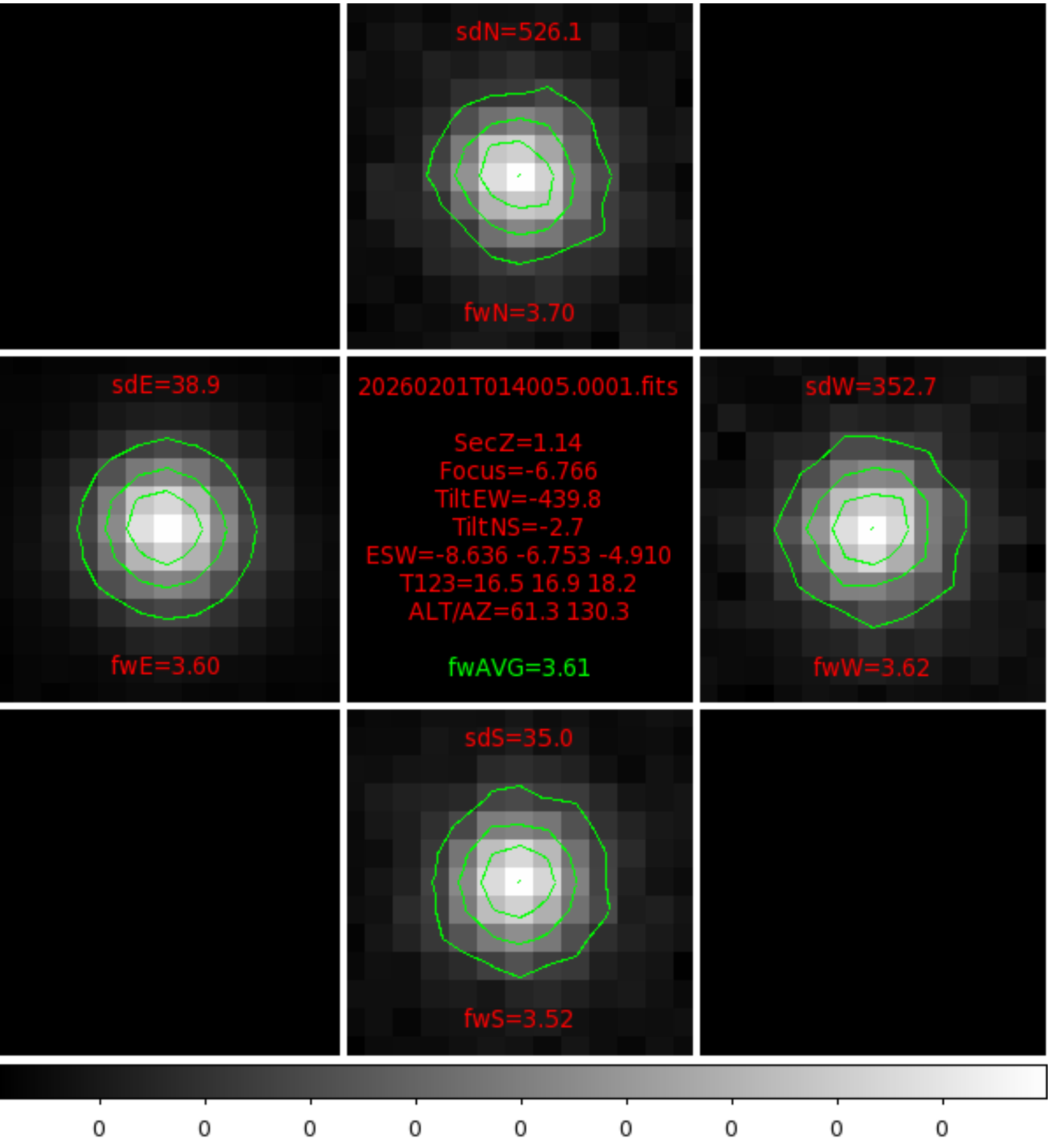
sdN=526.1
fwN=3.70
sdE=38.9
fwE=3.60
20260201T014005.0001.fits
SecZ=1.14
Focus=-6.766
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.636 -6.753 -4.910
T123=16.5 16.9 18.2
ALT/AZ=61.3 130.3
fwAVG=3.61
sdW=352.7
fwW=3.62
sdS=35.0
fwS=3.52
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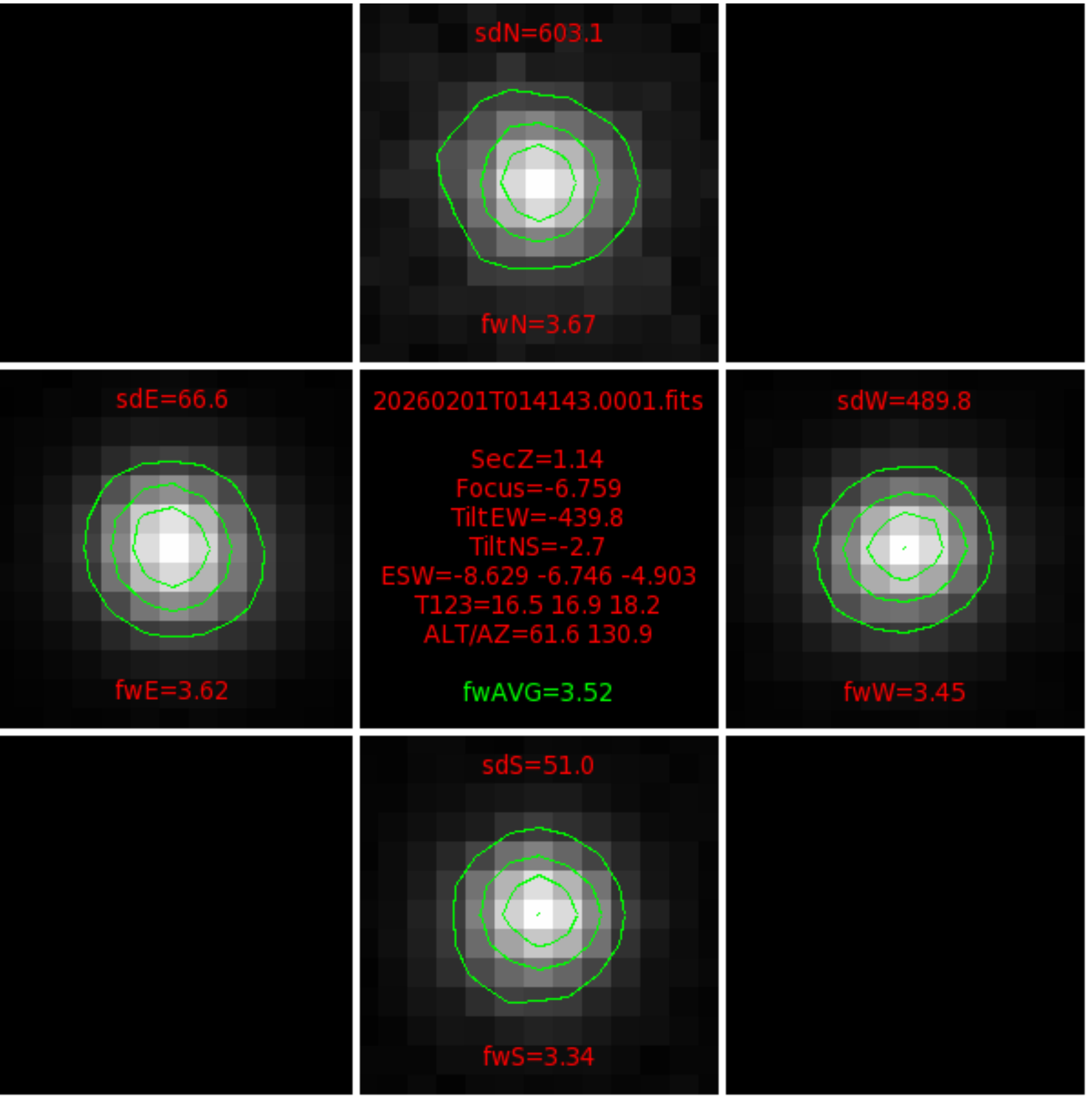
sdN=603.1
fwN=3.67
sdE=66.6
fwE=3.62
20260201T014143.0001.fits
SecZ=1.14
Focus=-6.759
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.629 -6.746 -4.903
T123=16.5 16.9 18.2
ALT/AZ=61.6 130.9
fwAVG=3.52
sdW=489.8
fwW=3.45
sdS=51.0
fwS=3.34
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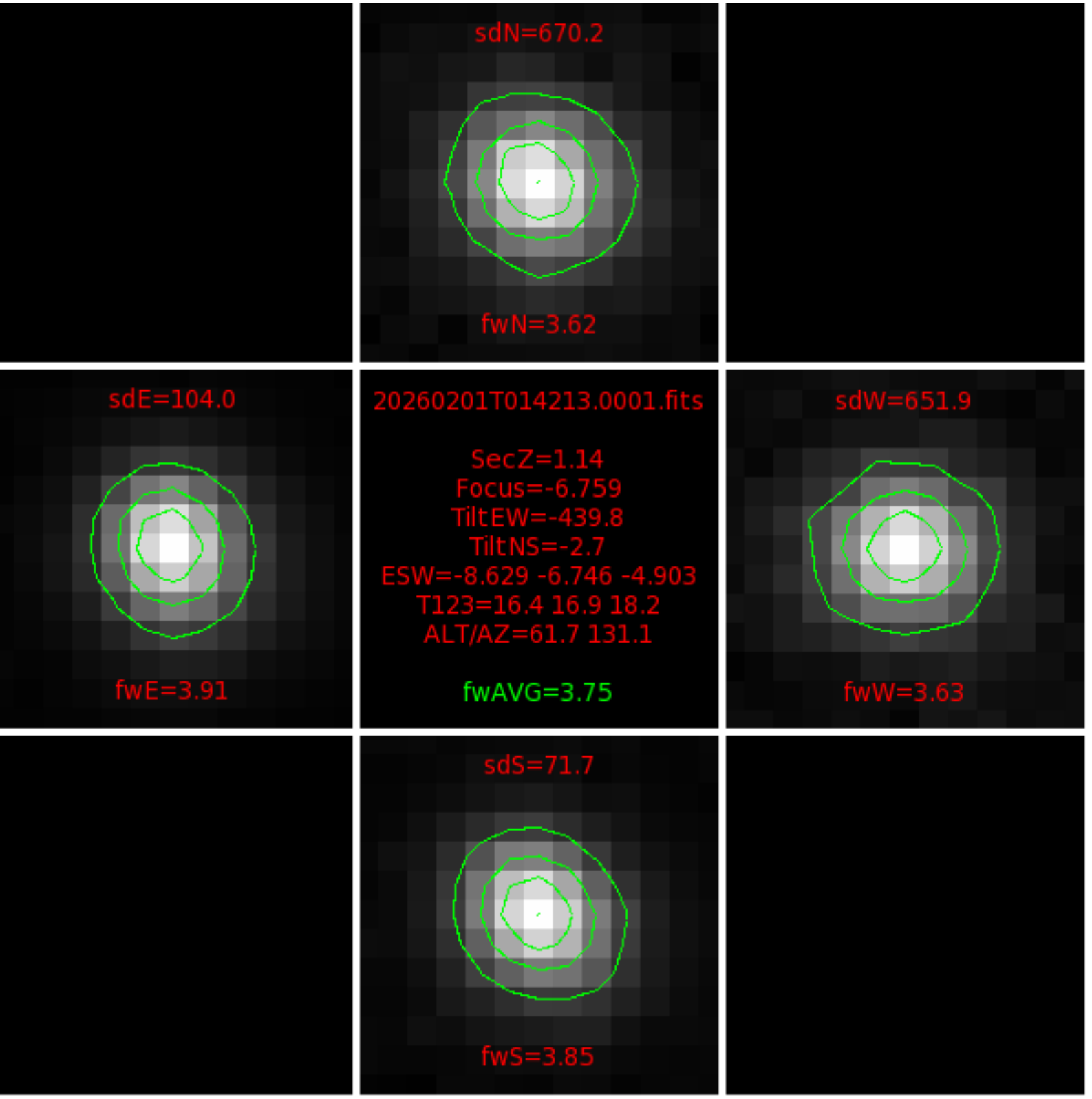
sdN=670.2
fwN=3.62
sdE=104.0
fwE=3.91
20260201T014213.0001.fits
SecZ=1.14
Focus=-6.759
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.629 -6.746 -4.903
T123=16.4 16.9 18.2
ALT/AZ=61.7 131.1
fwAVG=3.75
sdW=651.9
fwW=3.63
sdS=71.7
fwS=3.85
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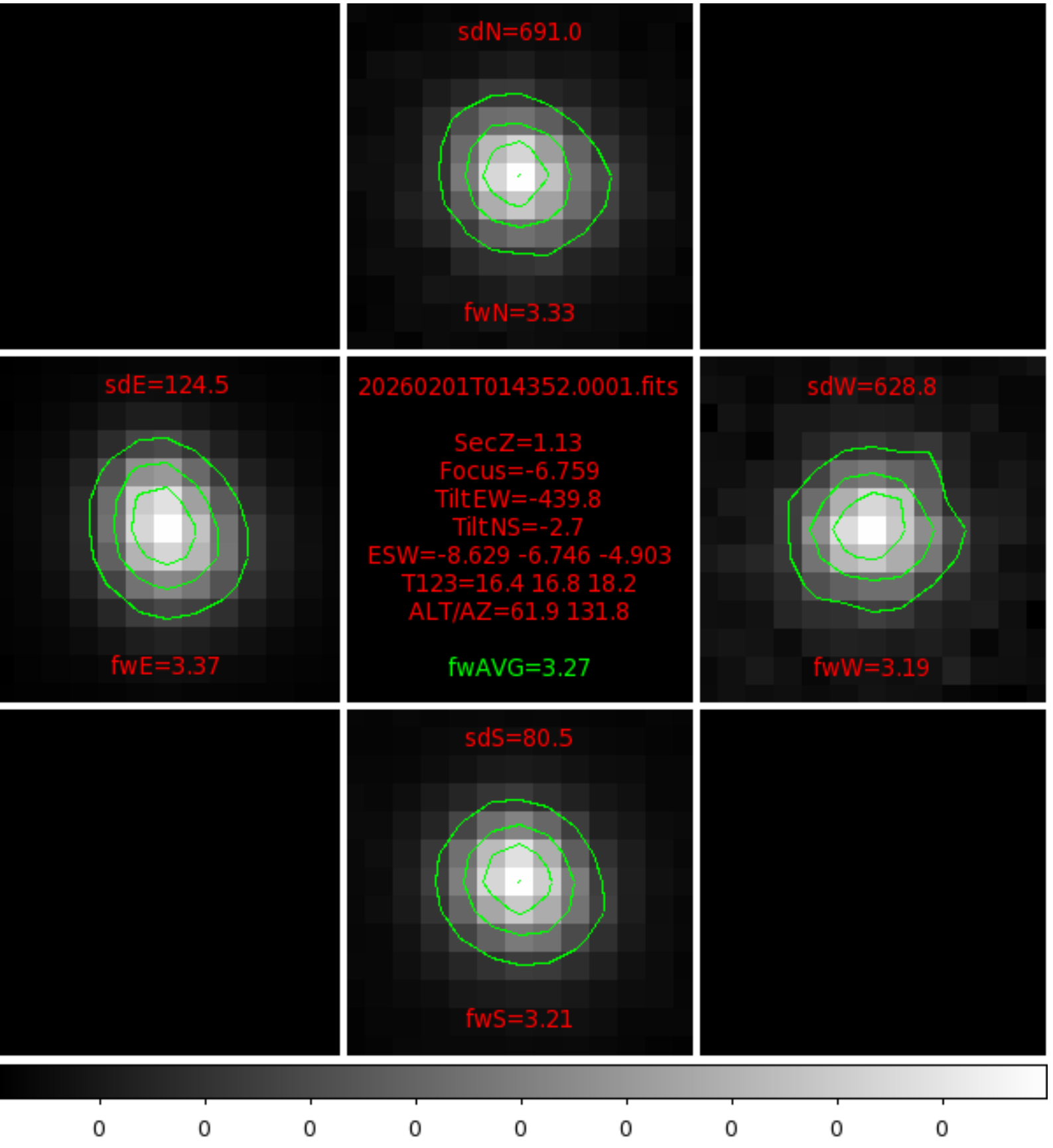
sdN=691.0
fwN=3.33
sdE=124.5
fwE=3.37
20260201T014352.0001.fits
SecZ=1.13
Focus=-6.759
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.629 -6.746 -4.903
T123=16.4 16.8 18.2
ALT/AZ=61.9 131.8
fwAVG=3.27
sdW=628.8
fwW=3.19
sdS=80.5
fwS=3.21
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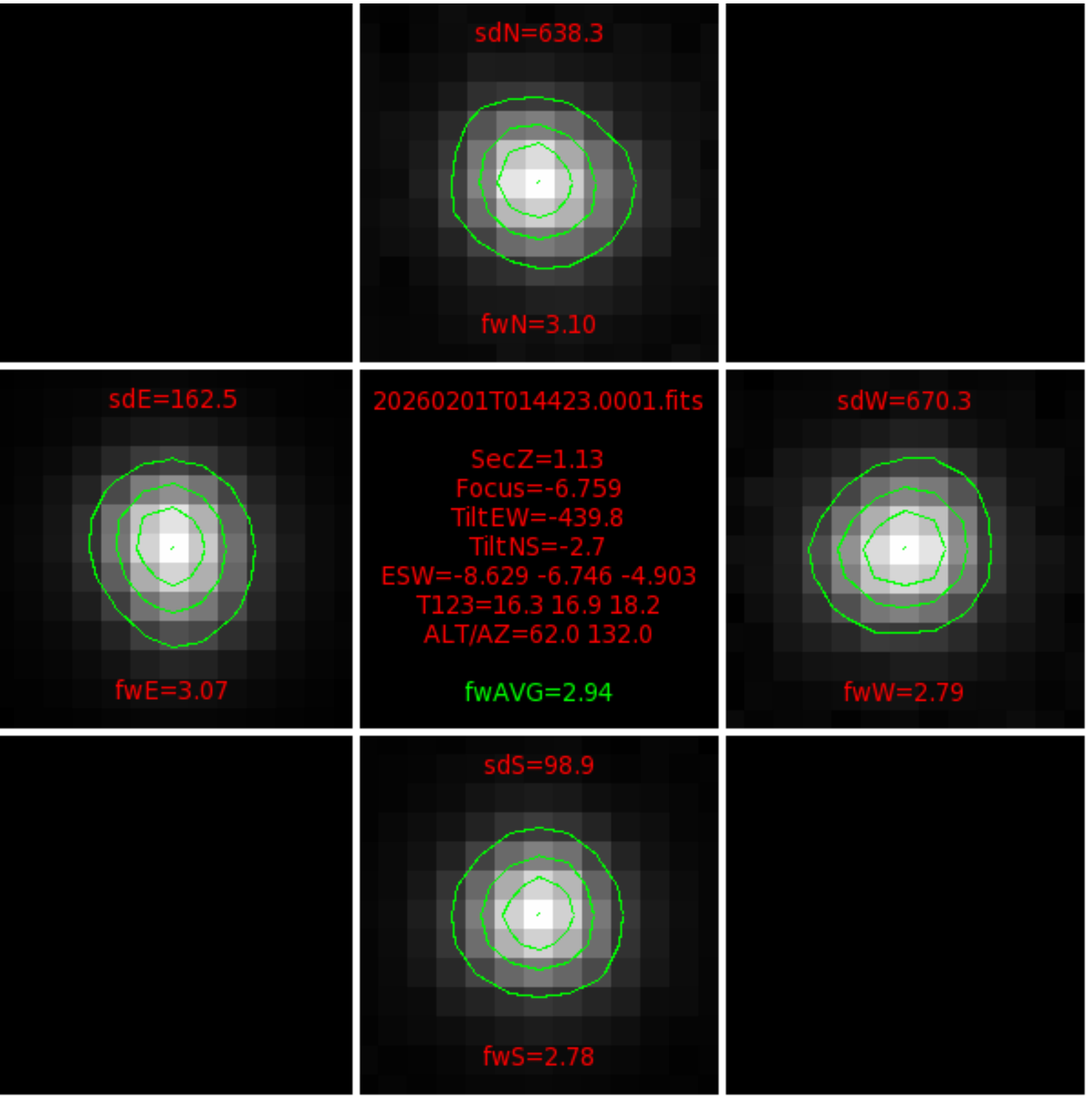
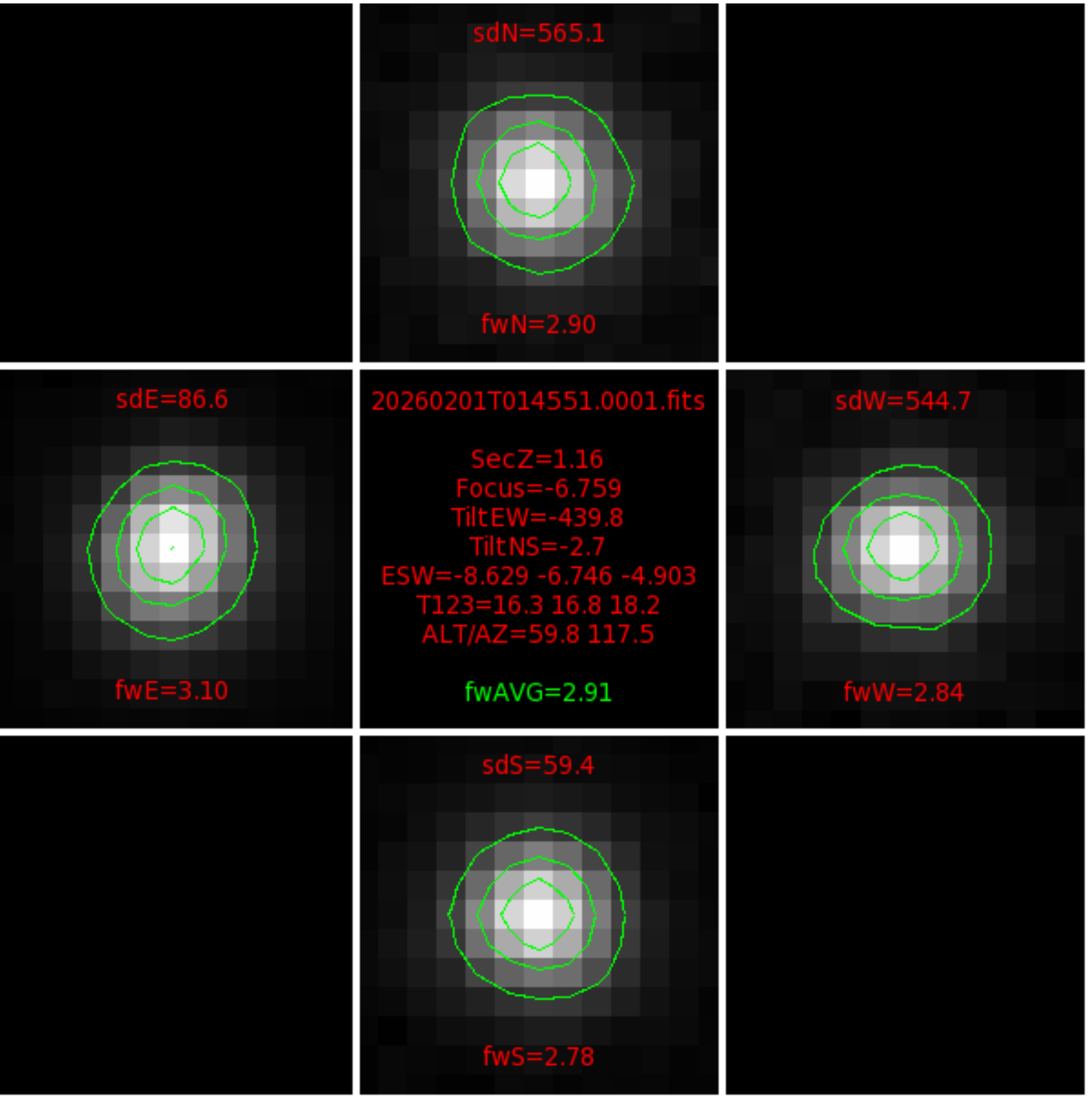
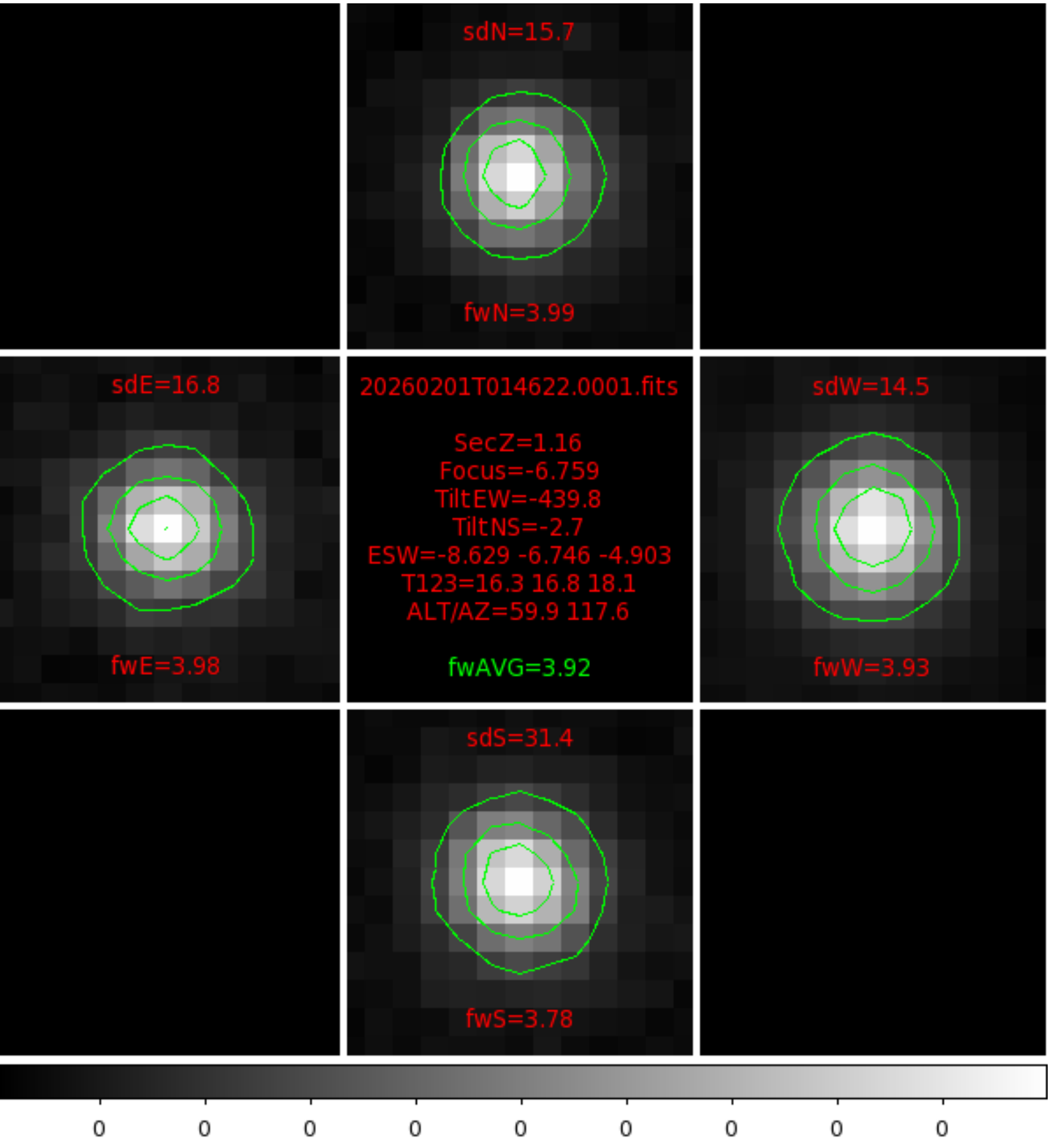
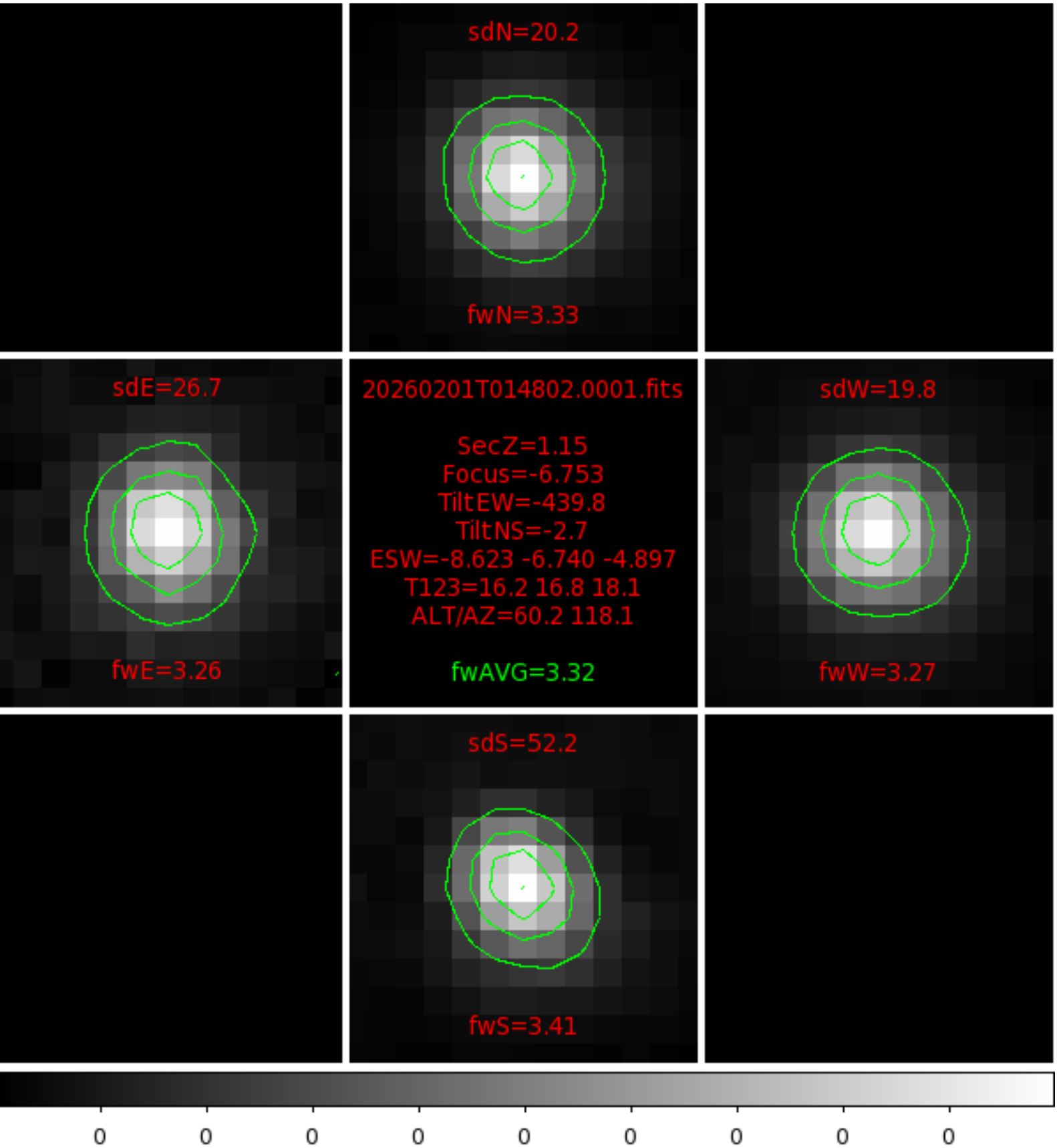
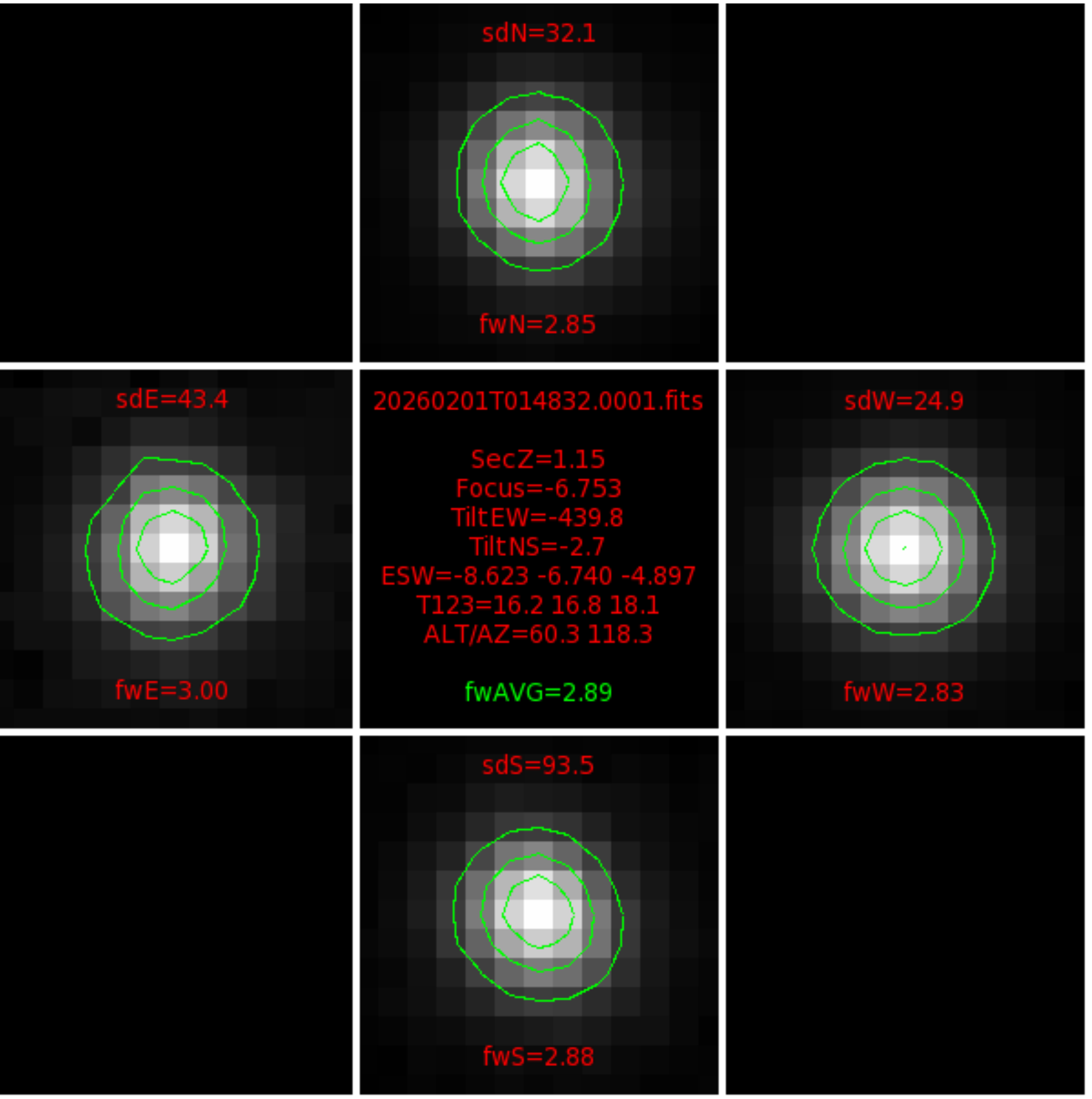
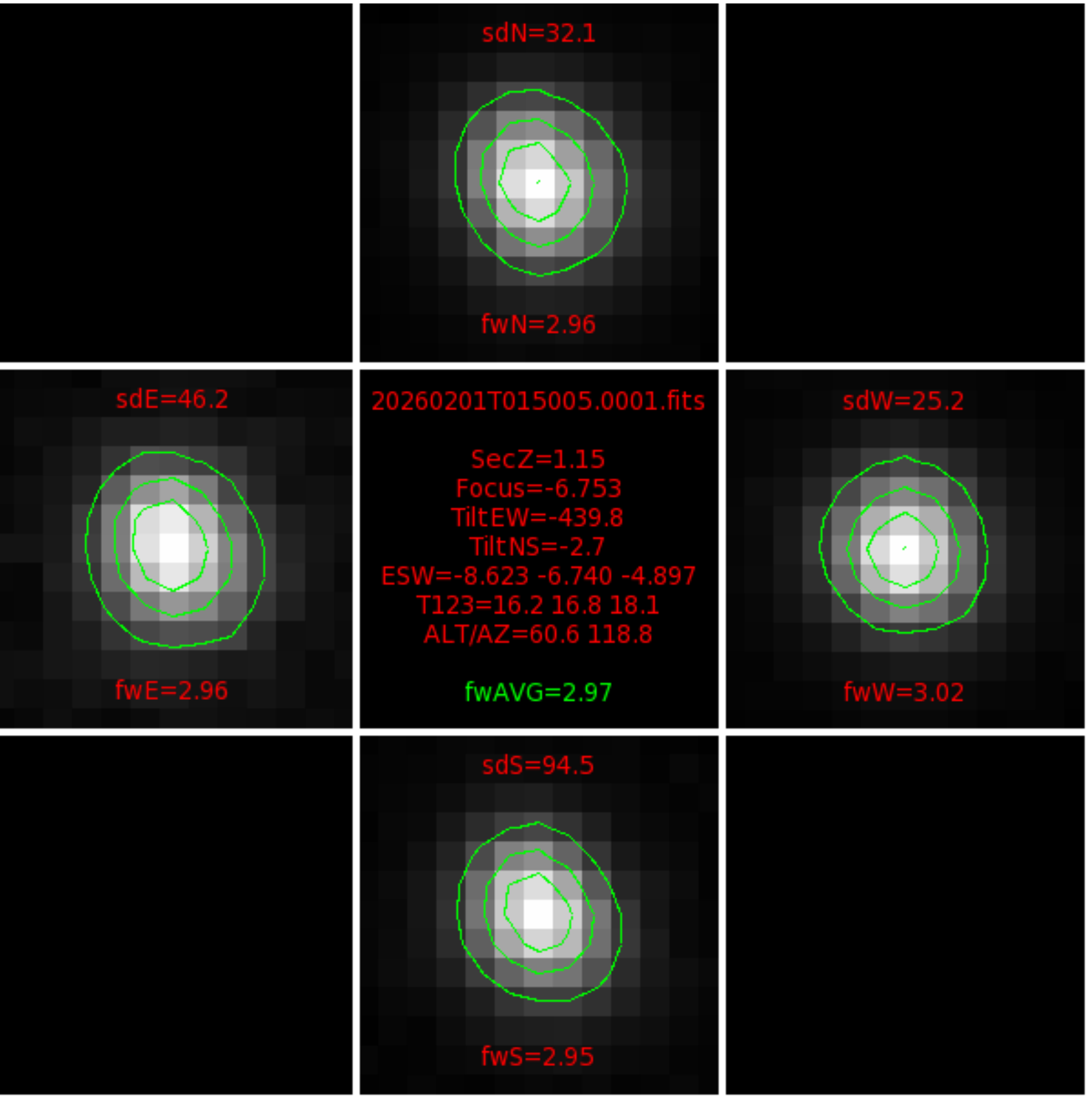

sdN=638.3
fwN=3.10
sdE=162.5
fwE=3.07
20260201T014423.0001.fits
SecZ=1.13
Focus=-6.759
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.629 -6.746 -4.903
T123=16.3 16.9 18.2
ALT/AZ=62.0 132.0
fwAVG=2.94
sdW=670.3
fwW=2.79
sdS=98.9
fwS=2.78
0 0 0 0 0 0 0 0 0

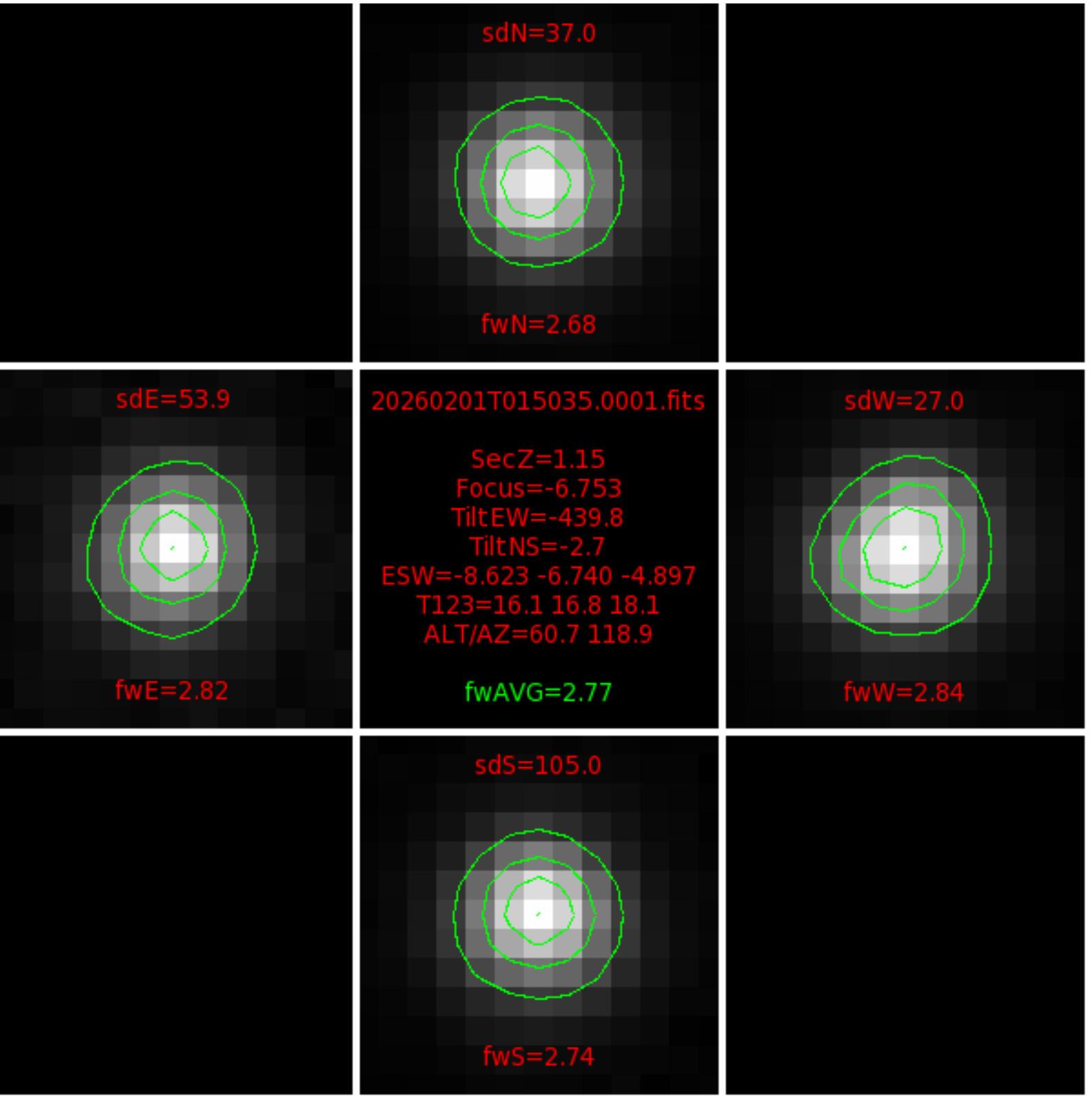

sdN=565.1
fwN=2.90
sdE=86.6
fwE=3.10
20260201T014551.0001.fits
SecZ=1.16
Focus=-6.759
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.629 -6.746 -4.903
T123=16.3 16.8 18.2
ALT/AZ=59.8 117.5
fwAVG=2.91
sdW=544.7
fwW=2.84
sdS=59.4
fwS=2.78
0 0 0 0 0 0 0 0 0

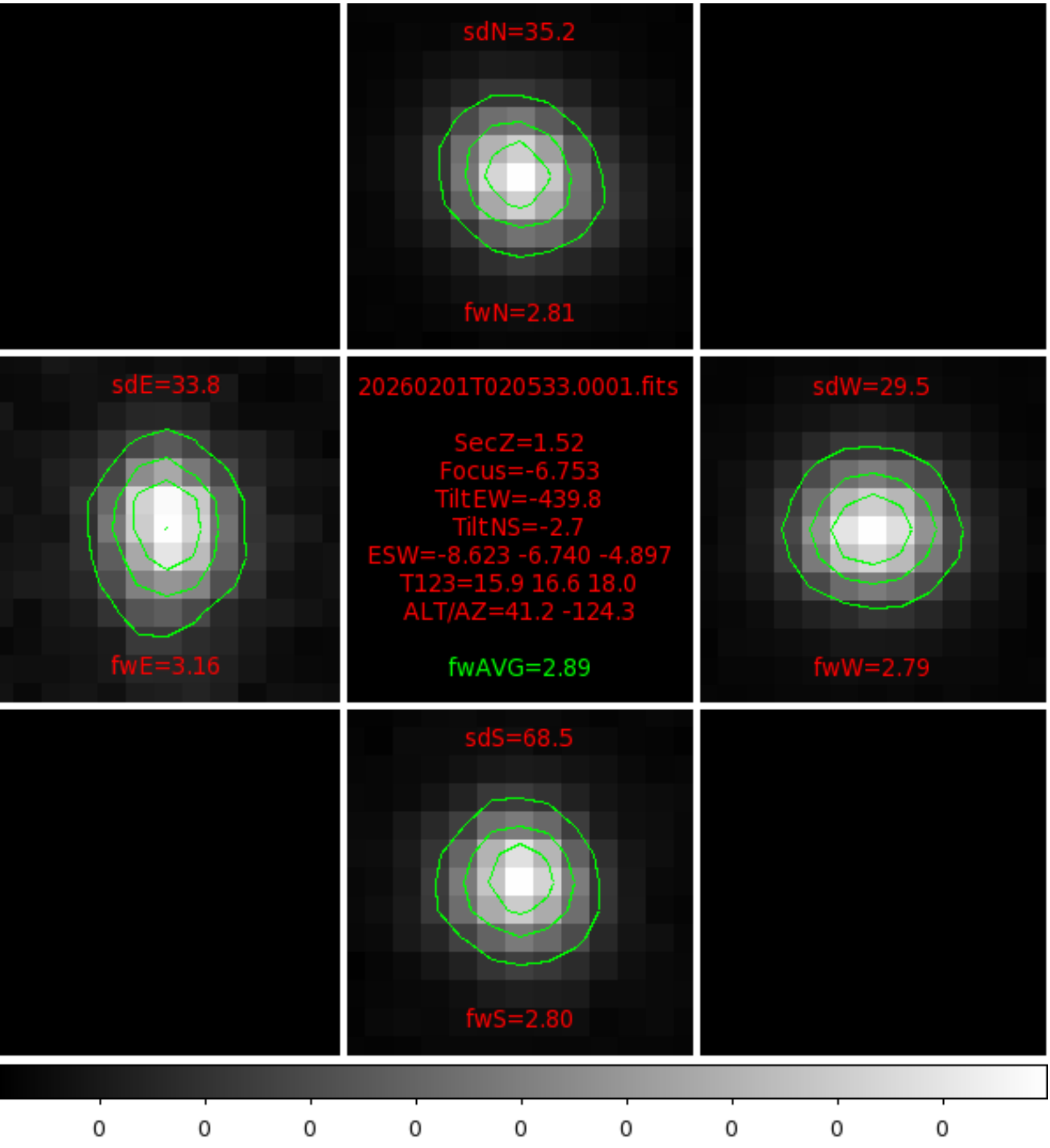

sdN=15.7
fwN=3.99
sdE=16.8
fwE=3.98
20260201T014622.0001.fits
SecZ=1.16
Focus=-6.759
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.629 -6.746 -4.903
T123=16.3 16.8 18.1
ALT/AZ=59.9 117.6
fwAVG=3.92
sdW=14.5
fwW=3.93
sdS=31.4
fwS=3.78
0 0 0 0 0 0 0 0 0

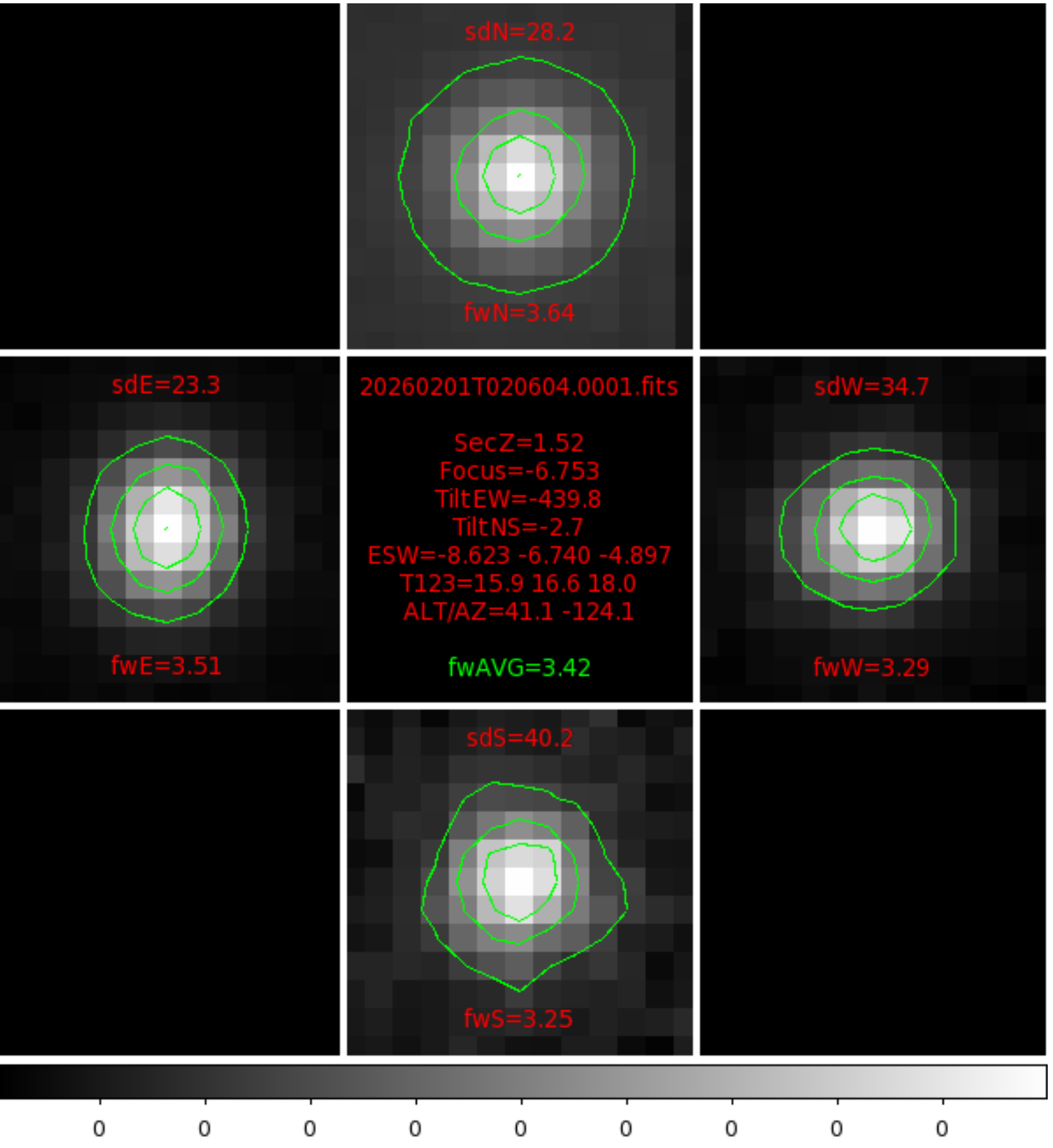

sdN=20.2
fwN=3.33
sdE=26.7
fwE=3.26
20260201T014802.0001.fits
SecZ=1.15
Focus=-6.753
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.623 -6.740 -4.897
T123=16.2 16.8 18.1
ALT/AZ=60.2 118.1
fwAVG=3.32
sdW=19.8
fwW=3.27
sdS=52.2
fwS=3.41
0 0 0 0 0 0 0 0 0

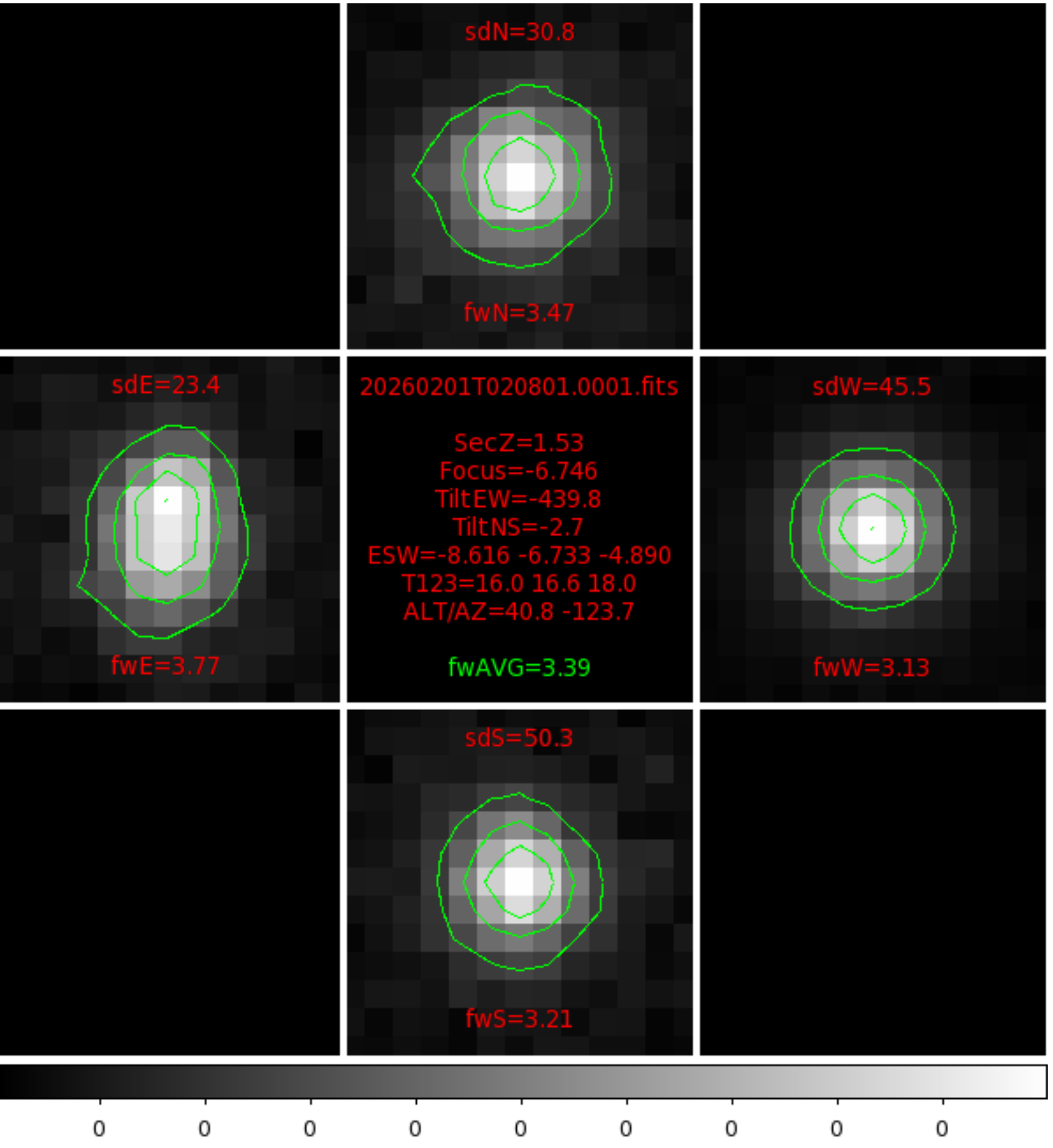

sdN=32.1
fwN=2.85
sdE=43.4
fwE=3.00
20260201T014832.0001.fits
SecZ=1.15
Focus=-6.753
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.623 -6.740 -4.897
T123=16.2 16.8 18.1
ALT/AZ=60.3 118.3
fwAVG=2.89
sdW=24.9
fwW=2.83
sdS=93.5
fwS=2.88
0 0 0 0 0 0 0 0 0


sdN=32.1
fwN=2.96
sdE=46.2
fwE=2.96
20260201T015005.0001.fits
SecZ=1.15
Focus=-6.753
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.623 -6.740 -4.897
T123=16.2 16.8 18.1
ALT/AZ=60.6 118.8
fwAVG=2.97
sdW=25.2
fwW=3.02
sdS=94.5
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=37.0
fwN=2.68
sdE=53.9
fwE=2.82
20260201T015035.0001.fits
SecZ=1.15
Focus=-6.753
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.623 -6.740 -4.897
T123=16.1 16.8 18.1
ALT/AZ=60.7 118.9
fwAVG=2.77
sdW=27.0
fwW=2.84
sdS=105.0
fwS=2.74
0 0 0 0 0 0 0 0 0


sdN=35.2
fwN=2.81
sdE=33.8
fwE=3.16
20260201T020533.0001.fits
SecZ=1.52
Focus=-6.753
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.623 -6.740 -4.897
T123=15.9 16.6 18.0
ALT/AZ=41.2 -124.3
fwAVG=2.89
sdW=29.5
fwW=2.79
sdS=68.5
fwS=2.80
0 0 0 0 0 0 0 0 0


sdN=28.2
fwN=3.64
sdE=23.3
fwE=3.51
20260201T020604.0001.fits
SecZ=1.52
Focus=-6.753
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.623 -6.740 -4.897
T123=15.9 16.6 18.0
ALT/AZ=41.1 -124.1
fwAVG=3.42
sdW=34.7
fwW=3.29
sdS=40.2
fwS=3.25
0 0 0 0 0 0 0 0 0


sdN=30.8
fwN=3.47
sdE=23.4
fwE=3.77
20260201T020801.0001.fits
SecZ=1.53
Focus=-6.746
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.616 -6.733 -4.890
T123=16.0 16.6 18.0
ALT/AZ=40.8 -123.7
fwAVG=3.39
sdW=45.5
fwW=3.13
sdS=50.3
fwS=3.21
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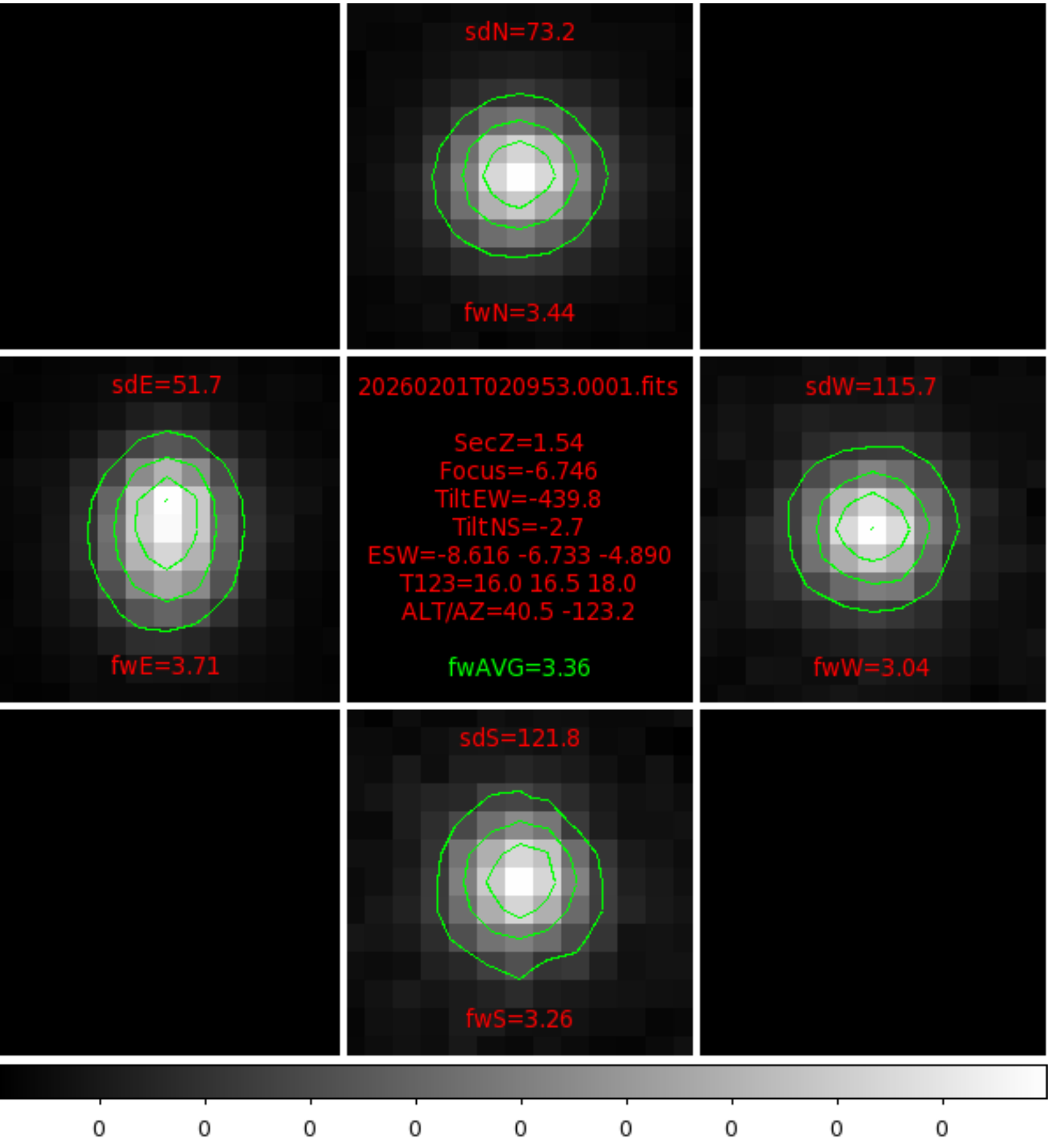
sdN=73.2
fwN=3.44
sdE=51.7
fwE=3.71
20260201T020953.0001.fits
SecZ=1.54
Focus=-6.746
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.616 -6.733 -4.890
T123=16.0 16.5 18.0
ALT/AZ=40.5 -123.2
fwAVG=3.36
sdW=115.7
fwW=3.04
sdS=121.8
fwS=3.26
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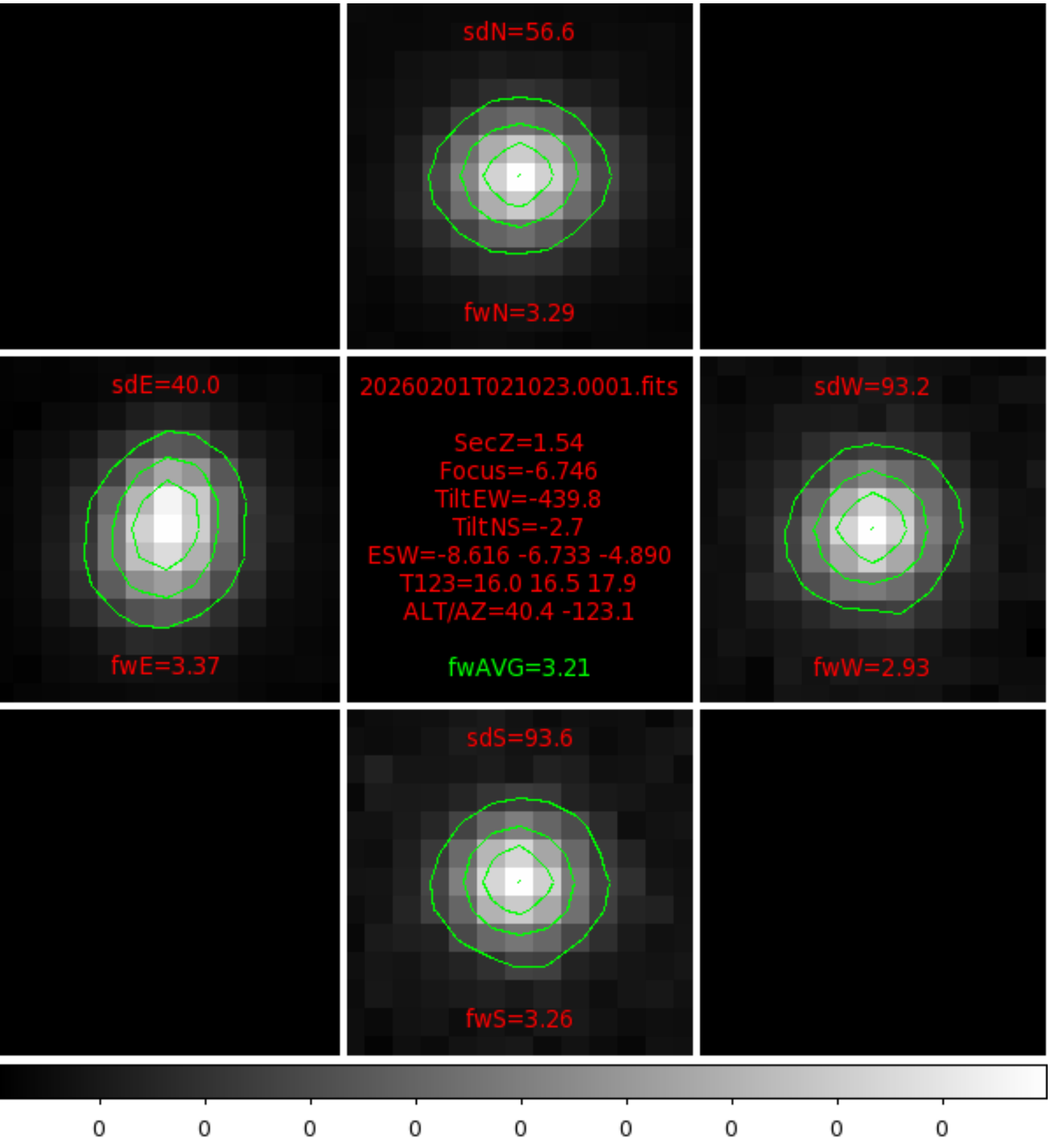
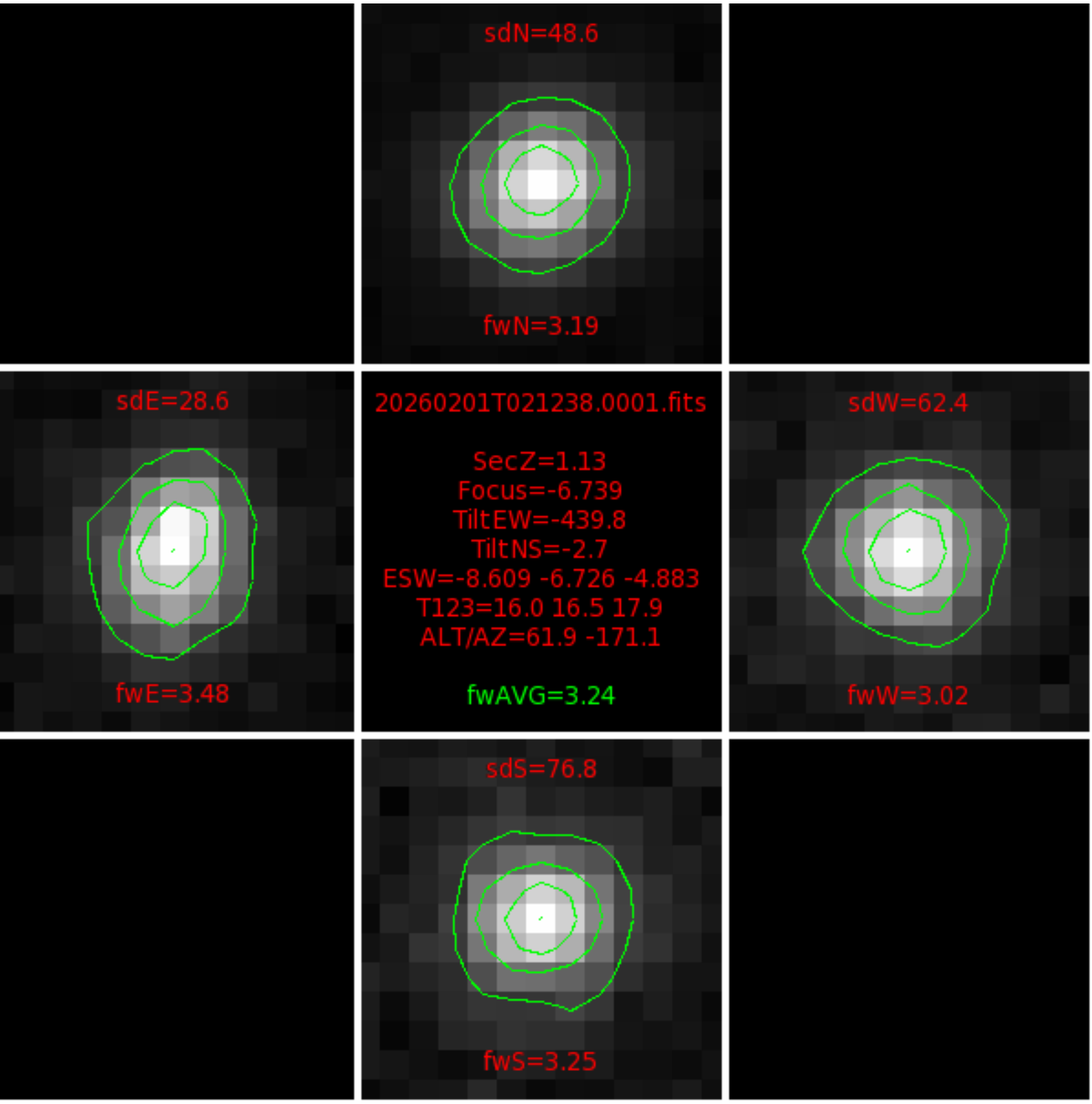
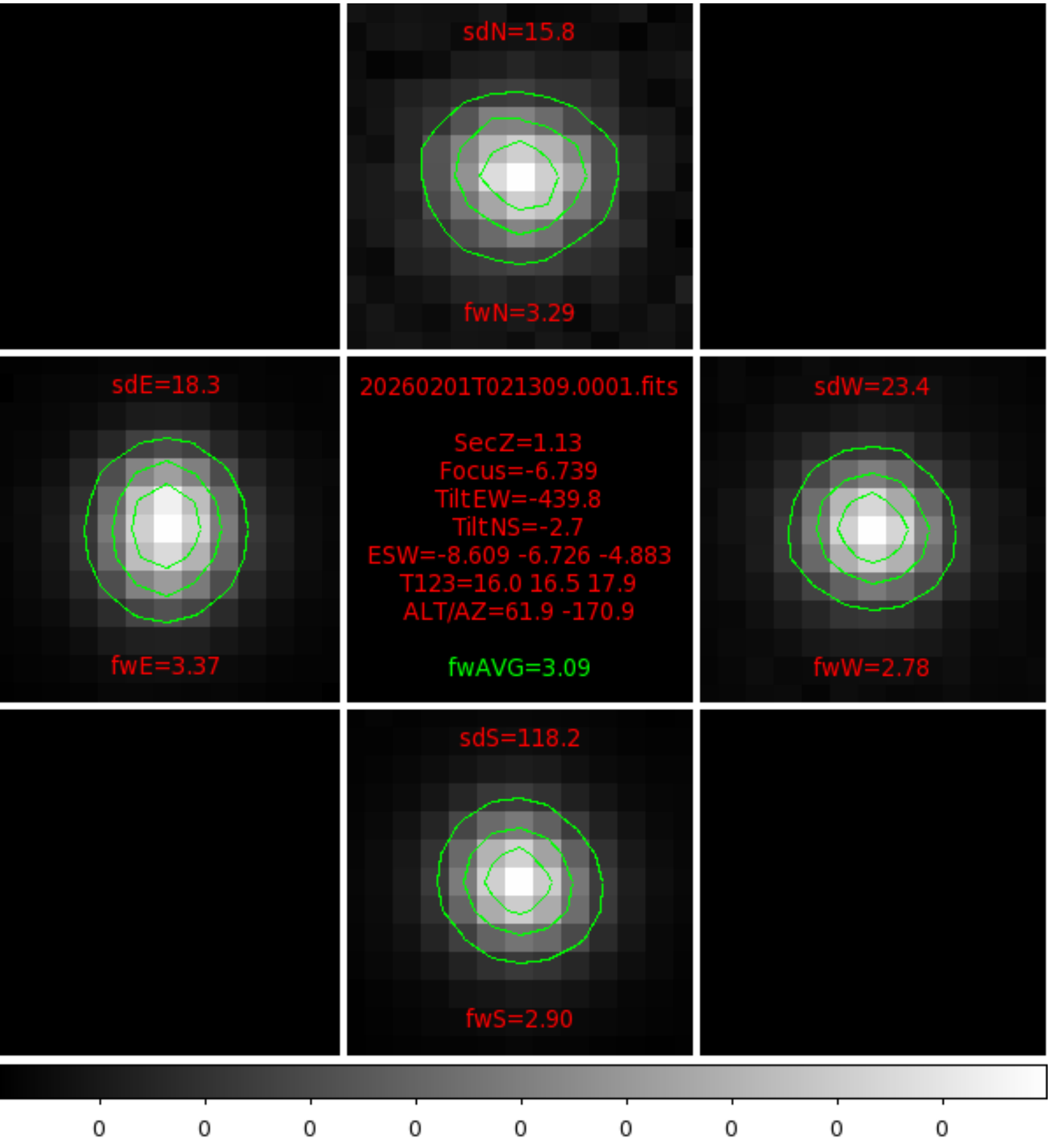
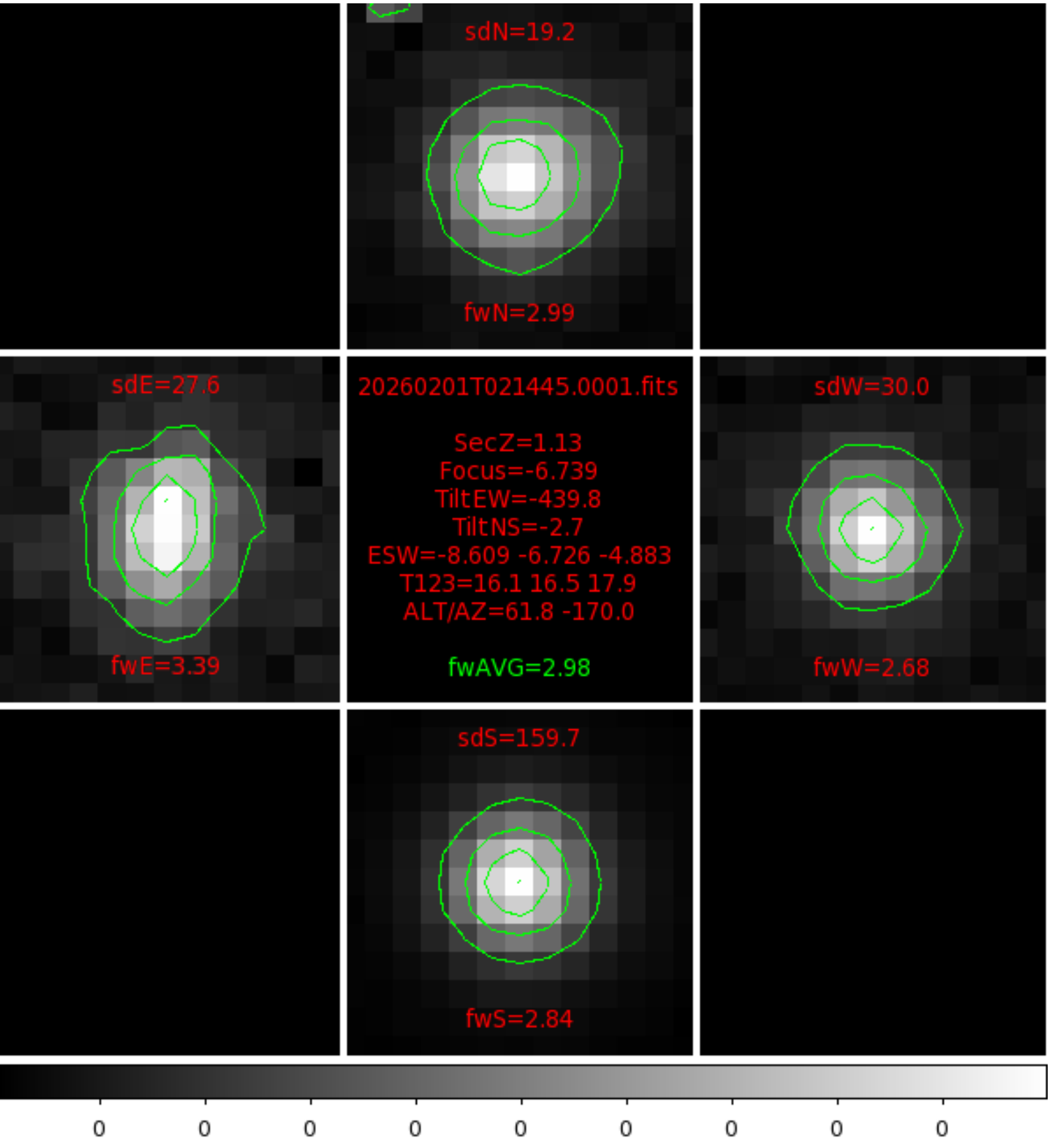

sdN=56.6
fwN=3.29
sdE=40.0
fwE=3.37
20260201T021023.0001.fits
SecZ=1.54
Focus=-6.746
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.616 -6.733 -4.890
T123=16.0 16.5 17.9
ALT/AZ=40.4 -123.1
fwAVG=3.21
sdW=93.2
fwW=2.93
sdS=93.6
fwS=3.26
0 0 0 0 0 0 0 0 0


sdN=48.6
fwN=3.19
sdE=28.6
fwE=3.48
20260201T021238.0001.fits
SecZ=1.13
Focus=-6.739
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.609 -6.726 -4.883
T123=16.0 16.5 17.9
ALT/AZ=61.9 -171.1
fwAVG=3.24
sdW=62.4
fwW=3.02
sdS=76.8
fwS=3.25
0 0 0 0 0 0 0 0 0


sdN=15.8
fwN=3.29
sdE=18.3
fwE=3.37
20260201T021309.0001.fits
SecZ=1.13
Focus=-6.739
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.609 -6.726 -4.883
T123=16.0 16.5 17.9
ALT/AZ=61.9 -170.9
fwAVG=3.09
sdW=23.4
fwW=2.78
sdS=118.2
fwS=2.90
0 0 0 0 0 0 0 0 0


sdN=19.2
fwN=2.99
sdE=27.6
fwE=3.39
20260201T021445.0001.fits
SecZ=1.13
Focus=-6.739
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.609 -6.726 -4.883
T123=16.1 16.5 17.9
ALT/AZ=61.8 -170.0
fwAVG=2.98
sdW=30.0
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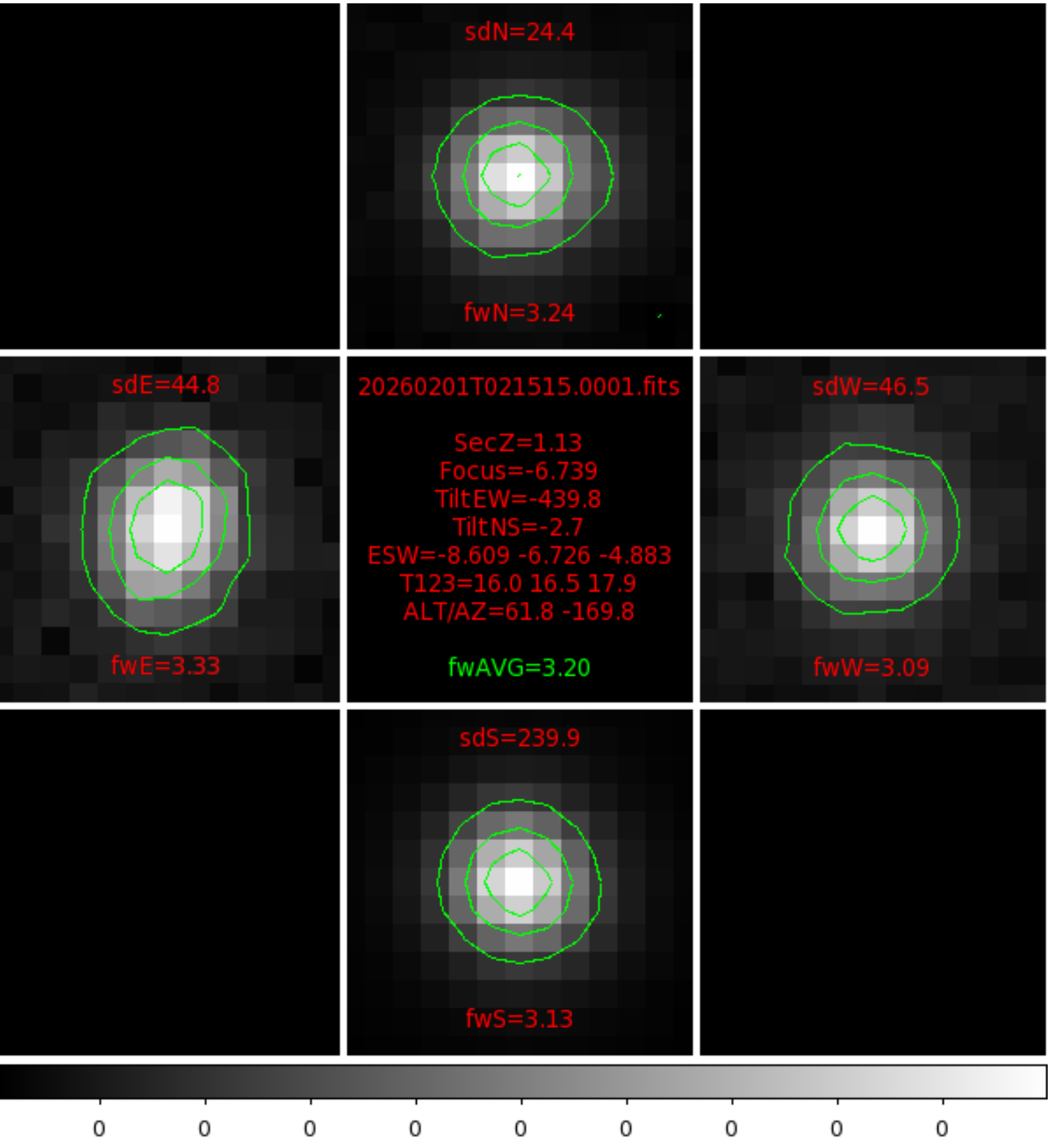
sdS=159.7
fwS=2.84
0 0 0 0 0 0 0 0 0


sdN=24.4
fwN=3.24
sdE=44.8
fwE=3.33
20260201T021515.0001.fits
SecZ=1.13
Focus=-6.739
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.609 -6.726 -4.883
T123=16.0 16.5 17.9
ALT/AZ=61.8 -169.8
fwAVG=3.20
sdW=46.5
fwW=3.09
sdS=239.9
fwS=3.13
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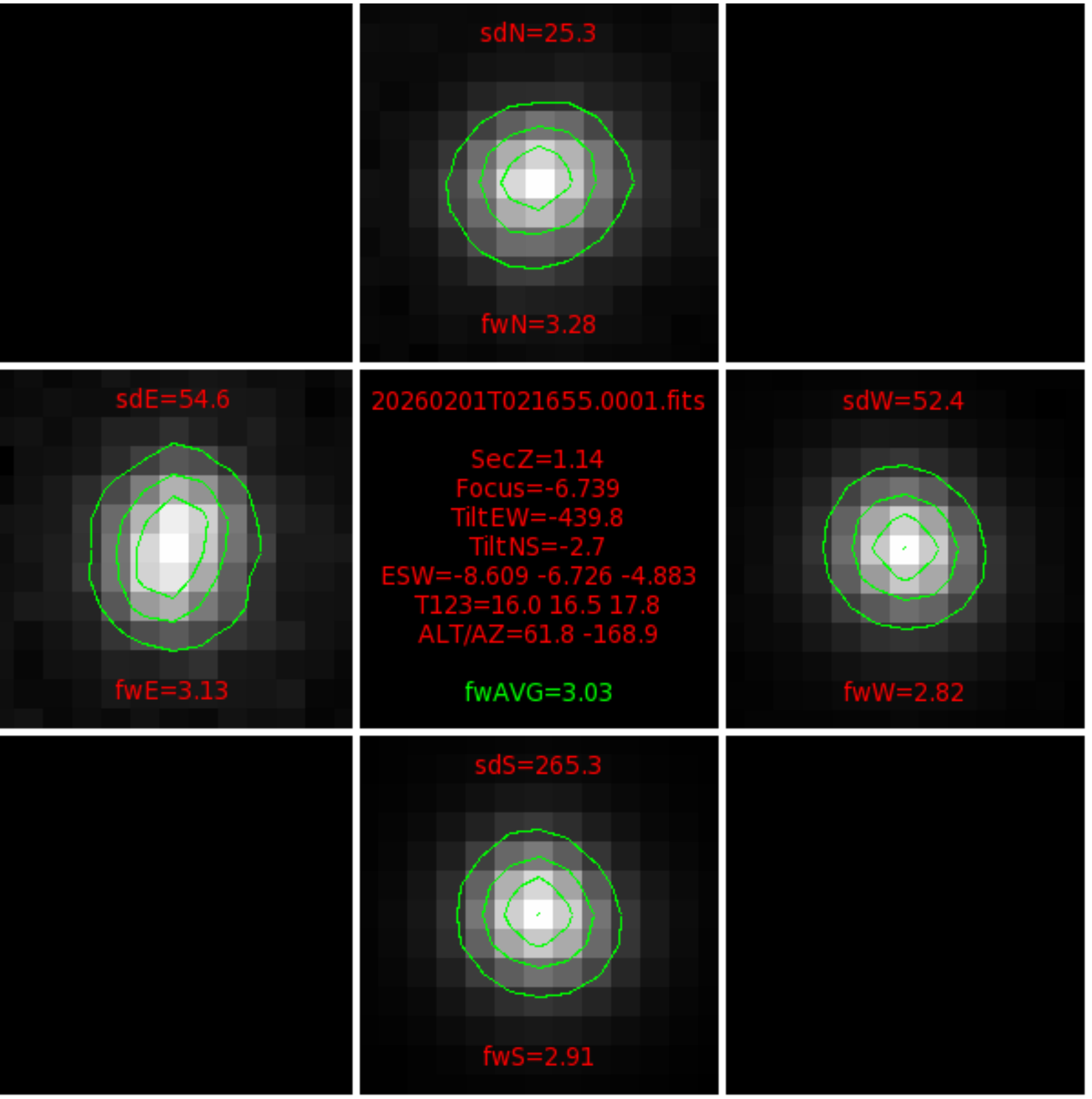
sdN=25.3
fwN=3.28
sdE=54.6
fwE=3.13
20260201T021655.0001.fits
SecZ=1.14
Focus=-6.739
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.609 -6.726 -4.883
T123=16.0 16.5 17.8
ALT/AZ=61.8 -168.9
fwAVG=3.03
sdW=52.4
fwW=2.82
sdS=265.3
fwS=2.91
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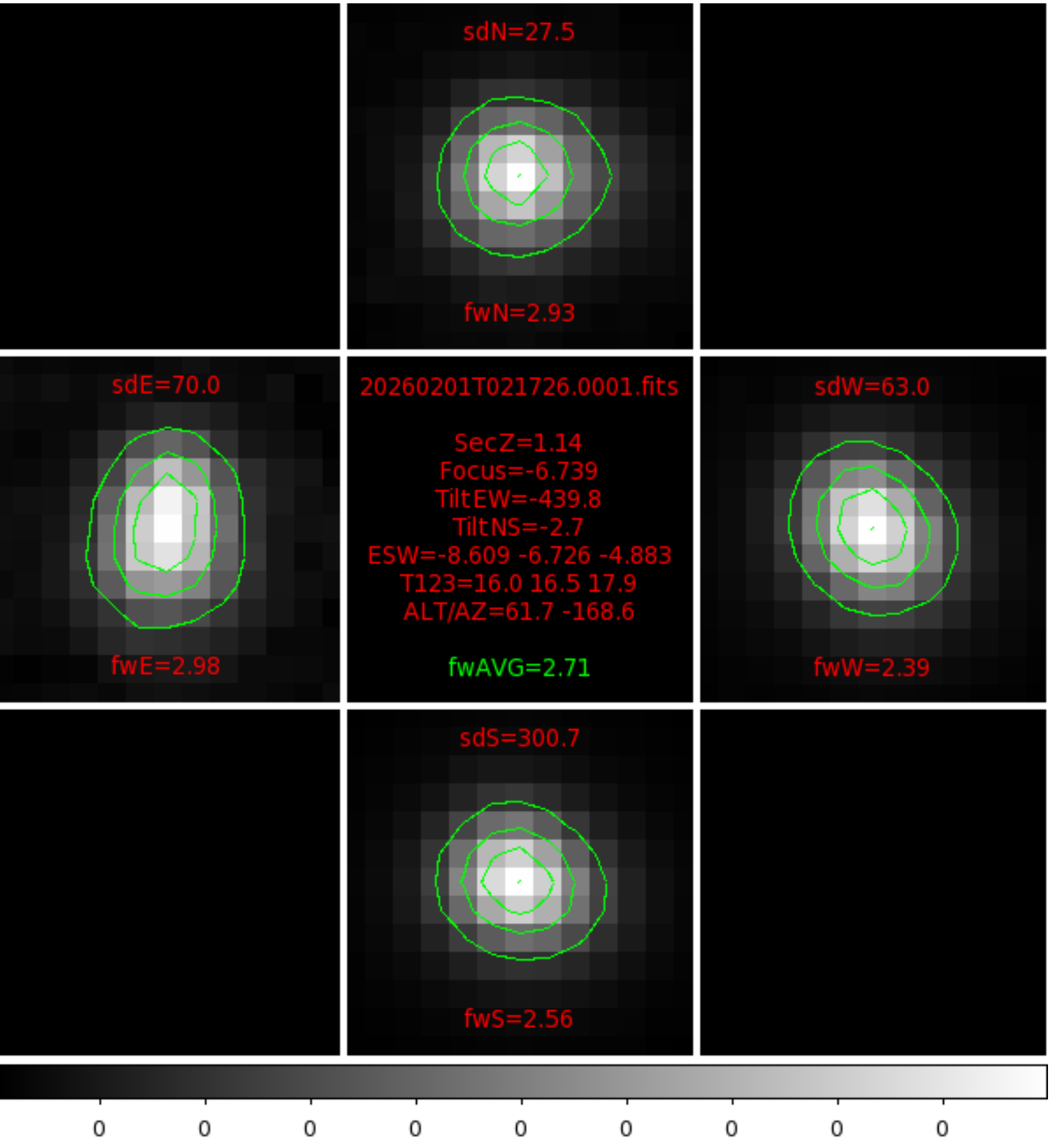
sdN=27.5
fwN=2.93
sdE=70.0
fwE=2.98
20260201T021726.0001.fits
SecZ=1.14
Focus=-6.739
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.609 -6.726 -4.883
T123=16.0 16.5 17.9
ALT/AZ=61.7 -168.6
fwAVG=2.71
sdW=63.0
fwW=2.39
sdS=300.7
fwS=2.56
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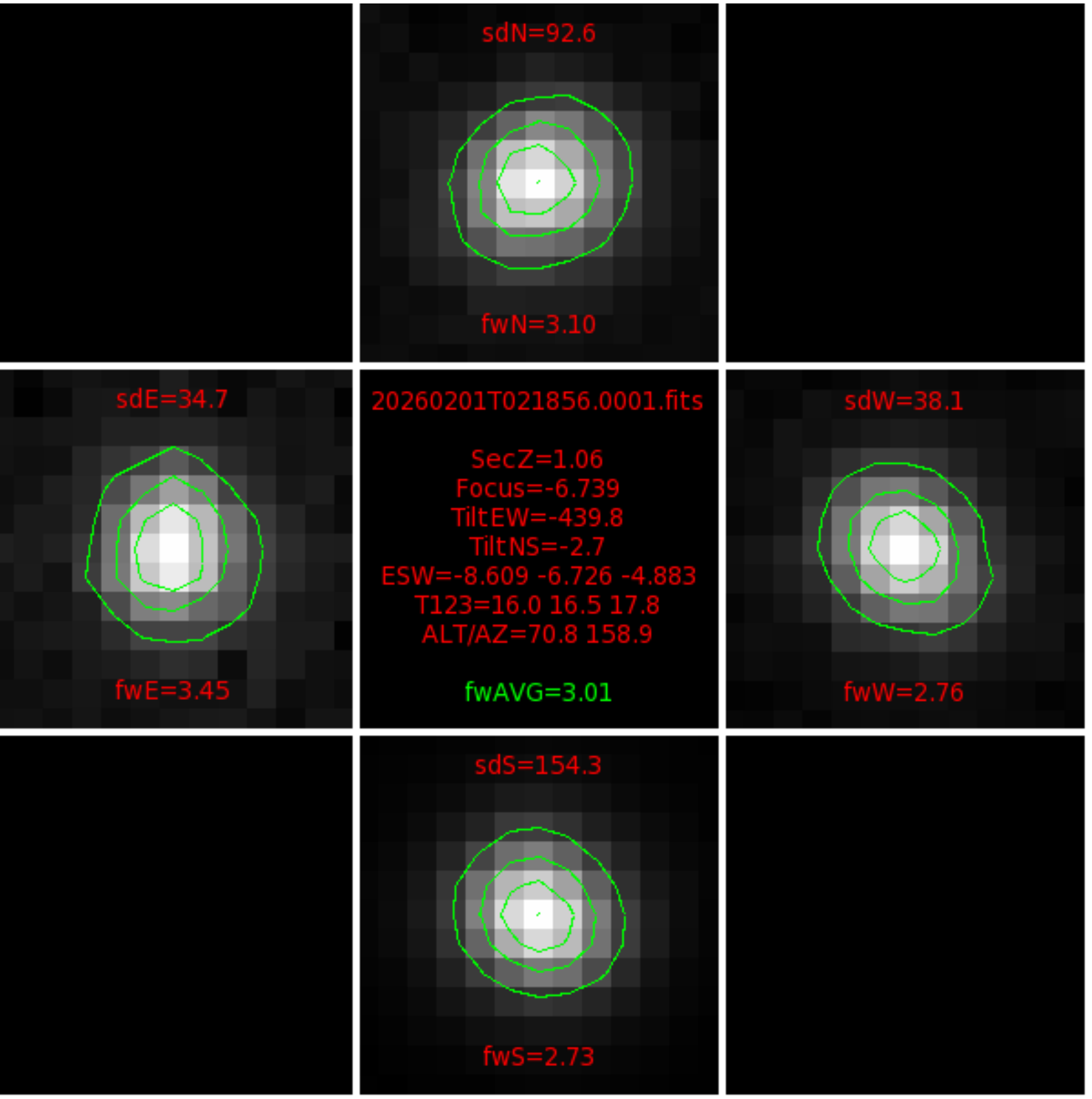
sdN=92.6
fwN=3.10
sdE=34.7
fwE=3.45
20260201T021856.0001.fits
SecZ=1.06
Focus=-6.739
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.609 -6.726 -4.883
T123=16.0 16.5 17.8
ALT/AZ=70.8 158.9
fwAVG=3.01
sdW=38.1
fwW=2.76
sdS=154.3
fwS=2.73
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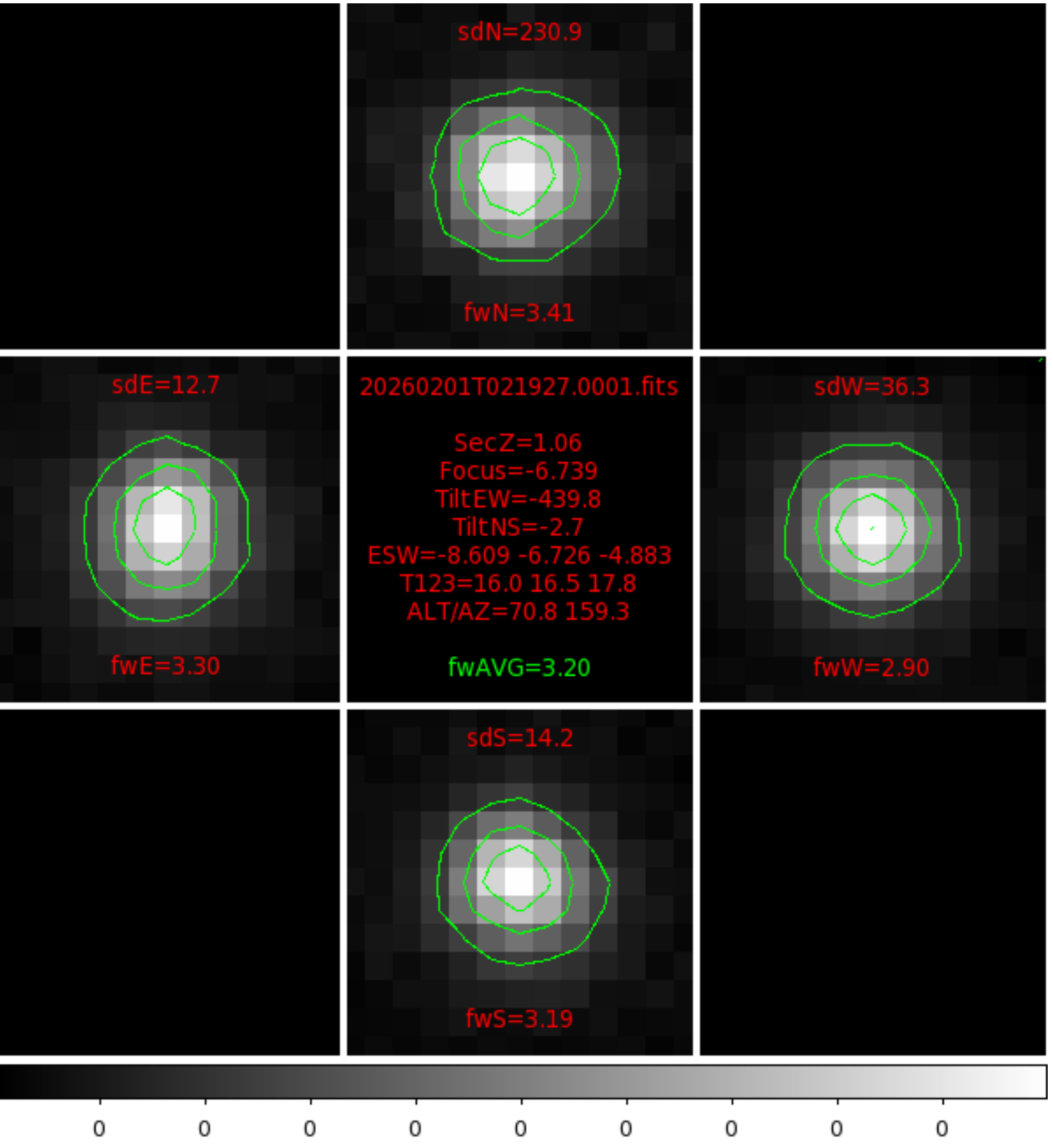
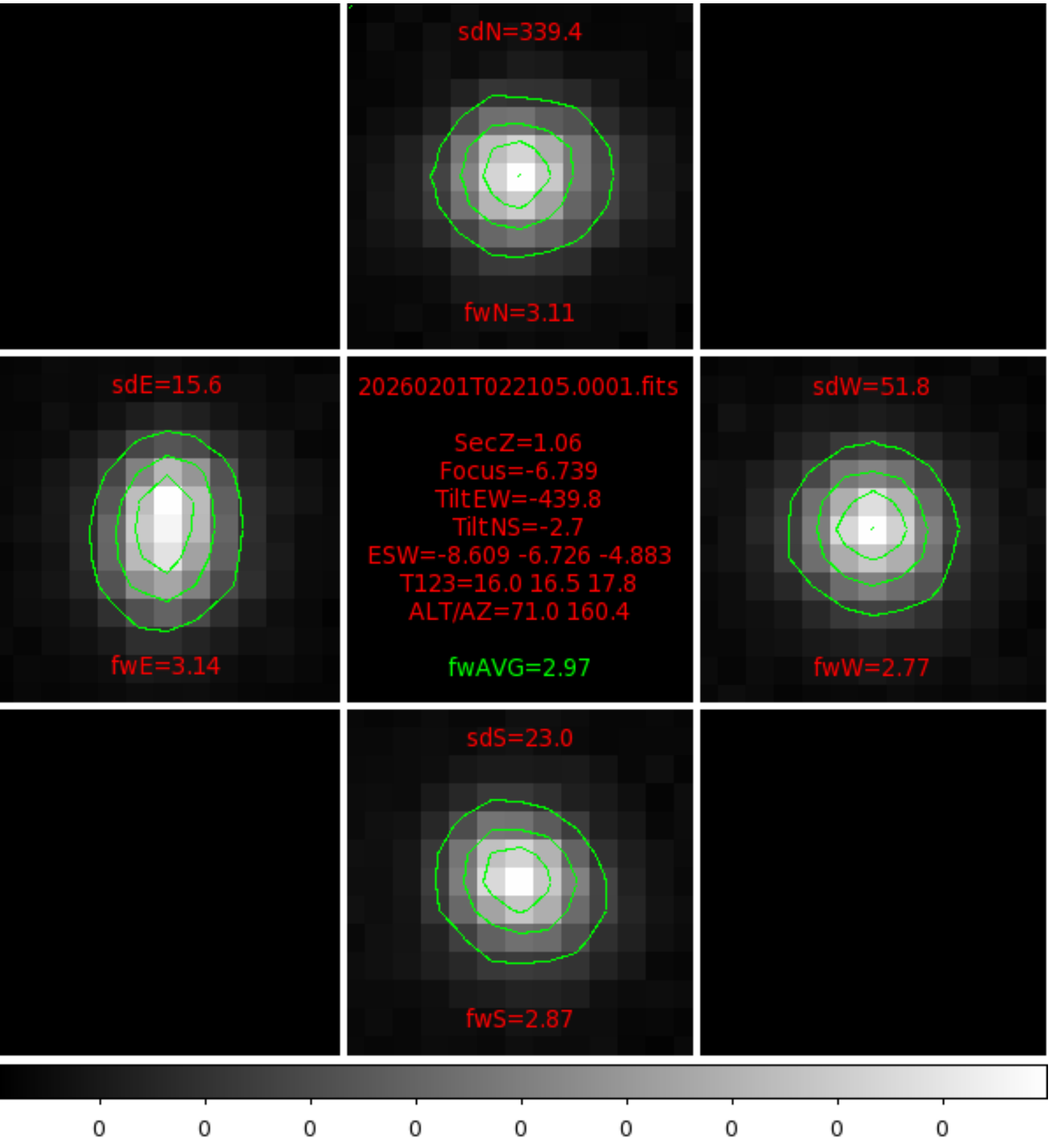
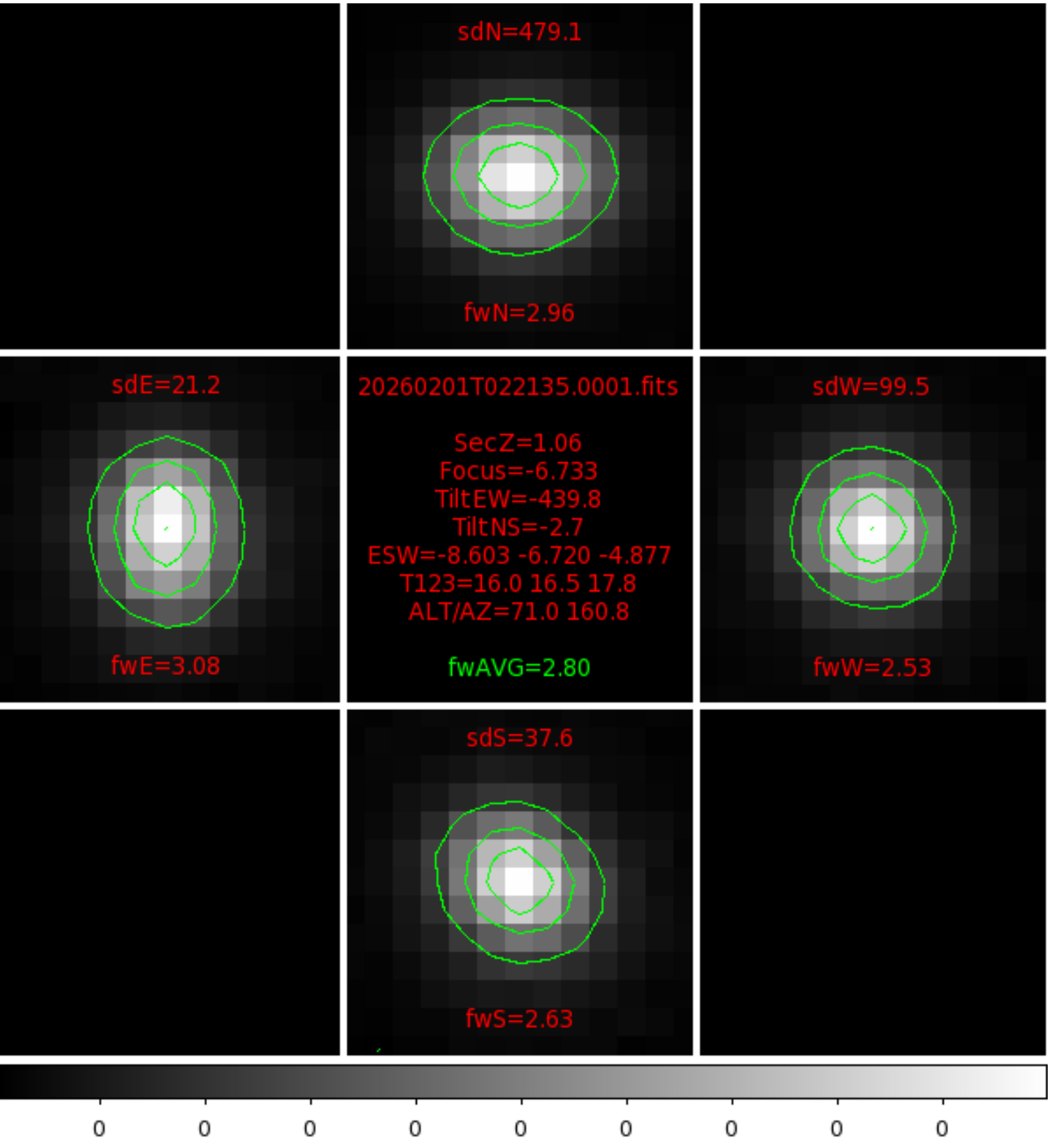

sdN=230.9
fwN=3.41
sdE=12.7
fwE=3.30
20260201T021927.0001.fits
SecZ=1.06
Focus=-6.739
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.609 -6.726 -4.883
T123=16.0 16.5 17.8
ALT/AZ=70.8 159.3
fwAVG=3.20
sdW=36.3
fwW=2.90
sdS=14.2
fwS=3.19
0 0 0 0 0 0 0 0 0


sdN=339.4
fwN=3.11
sdE=15.6
fwE=3.14
20260201T022105.0001.fits
SecZ=1.06
Focus=-6.739
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.609 -6.726 -4.883
T123=16.0 16.5 17.8
ALT/AZ=71.0 160.4
fwAVG=2.97
sdW=51.8
fwW=2.77
sdS=23.0
fwS=2.87
0 0 0 0 0 0 0 0 0


sdN=479.1
fwN=2.96
sdE=21.2
fwE=3.08
20260201T022135.0001.fits
SecZ=1.06
Focus=-6.733
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.603 -6.720 -4.877
T123=16.0 16.5 17.8
ALT/AZ=71.0 160.8
fwAVG=2.80
sdW=99.5
fwW=2.53
sdS=37.6
fwS=2.63
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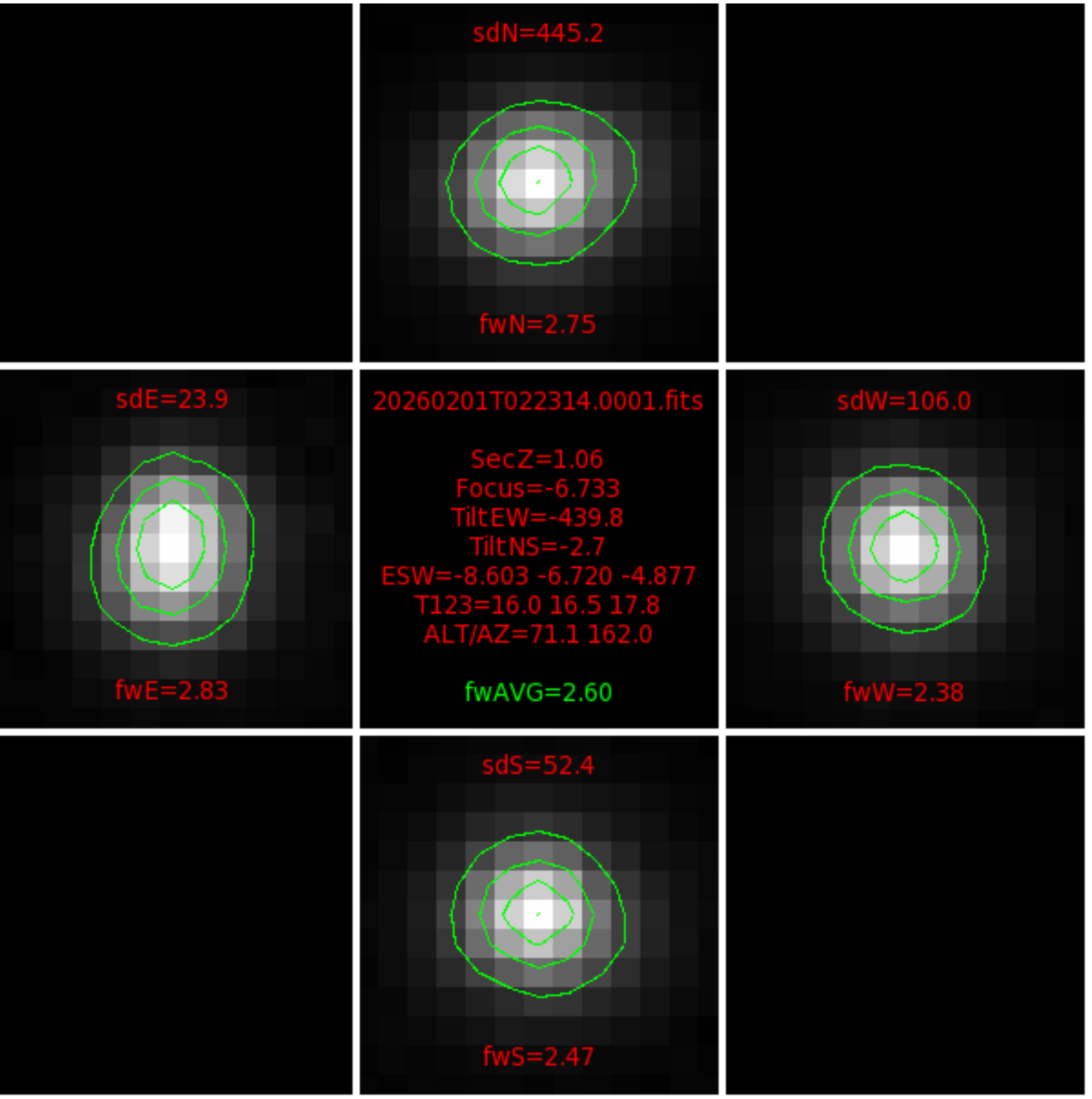
sdN=445.2
fwN=2.75
sdE=23.9
fwE=2.83
20260201T022314.0001.fits
SecZ=1.06
Focus=-6.733
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.603 -6.720 -4.877
T123=16.0 16.5 17.8
ALT/AZ=71.1 162.0
fwAVG=2.60
sdW=106.0
fwW=2.38
sdS=52.4
fwS=2.47
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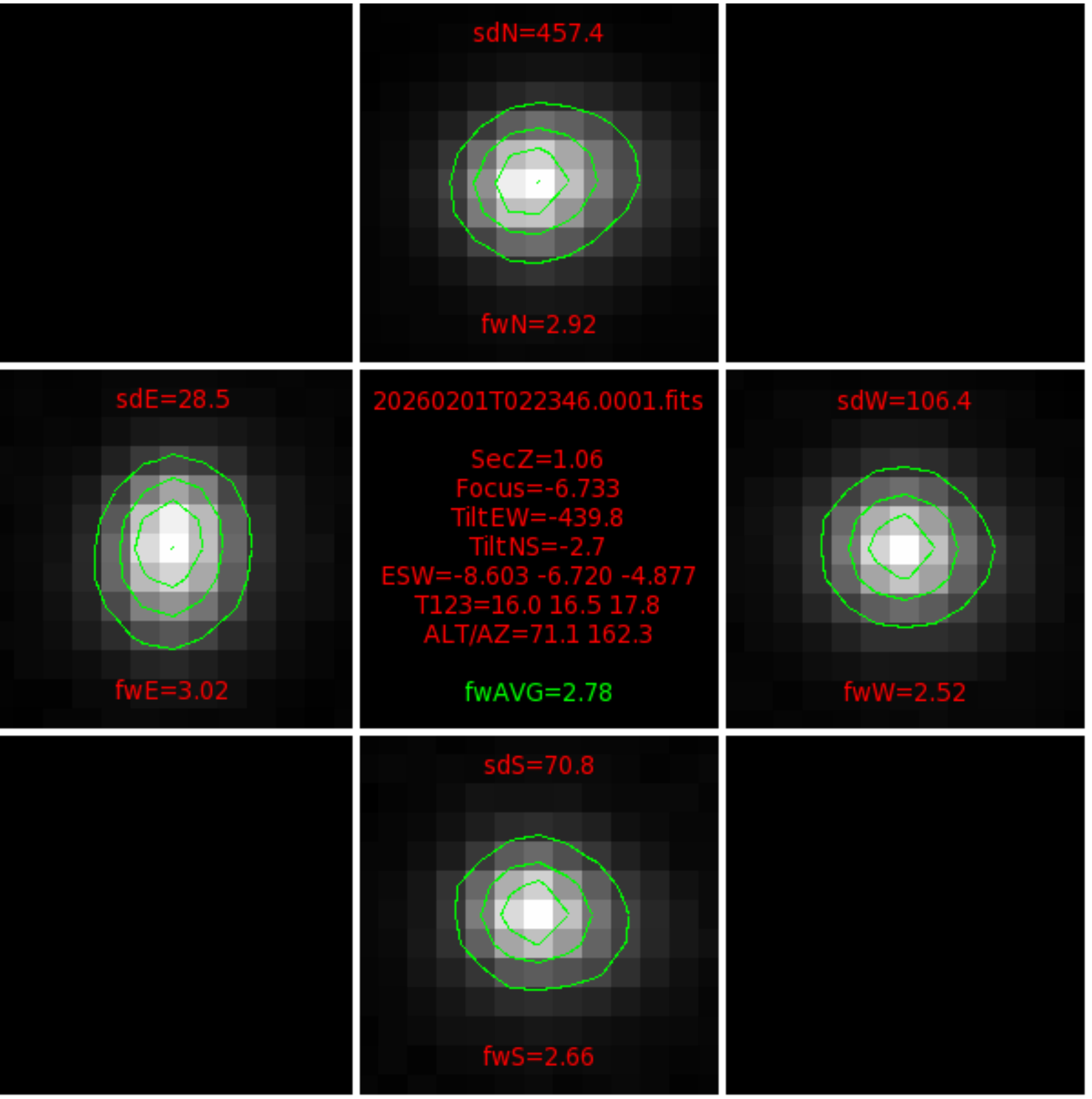
sdN=457.4
fwN=2.92
sdE=28.5
fwE=3.02
20260201T022346.0001.fits
SecZ=1.06
Focus=-6.733
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.603 -6.720 -4.877
T123=16.0 16.5 17.8
ALT/AZ=71.1 162.3
fwAVG=2.78
sdW=106.4
fwW=2.52
sdS=70.8
fwS=2.66
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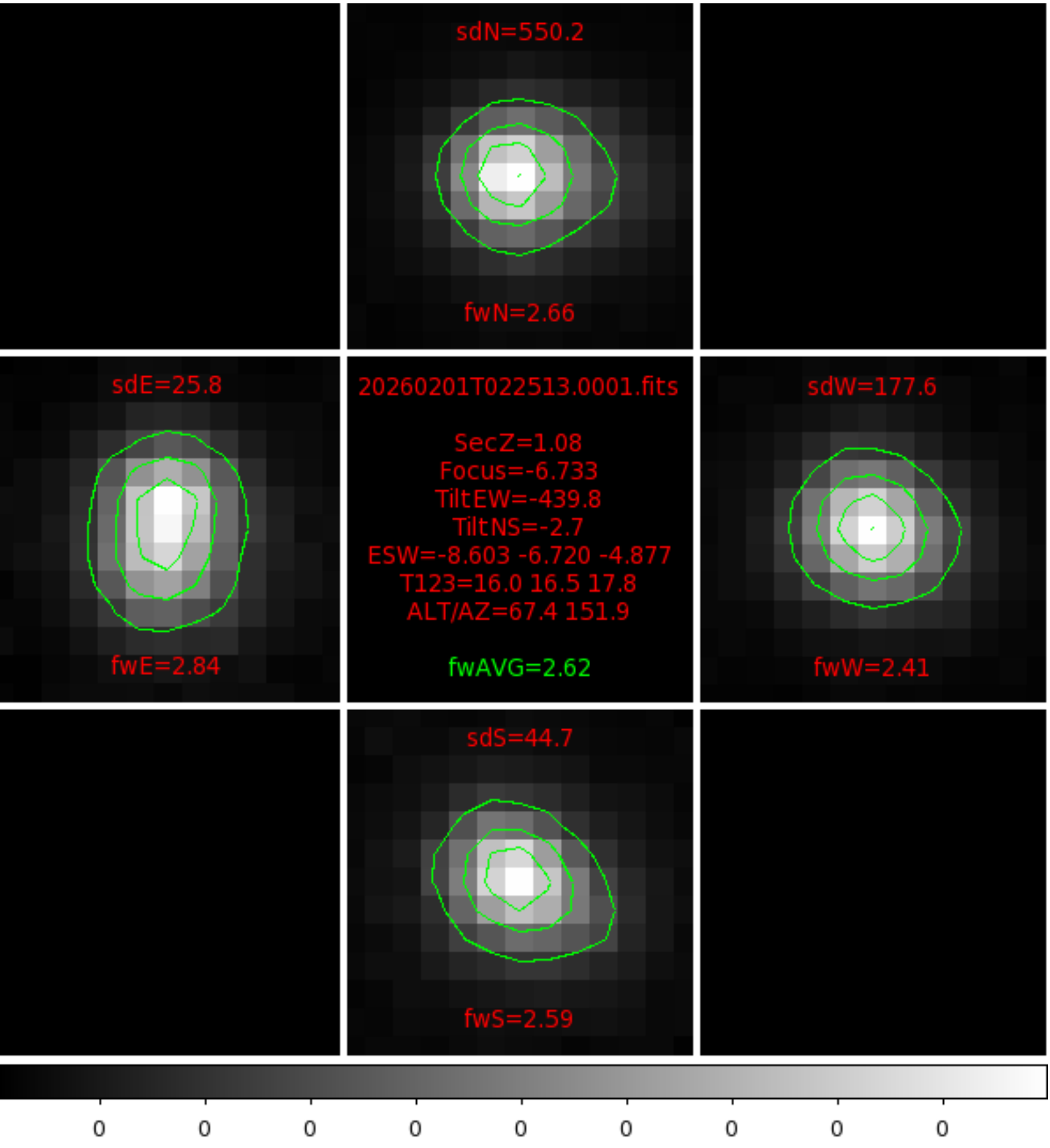
sdN=550.2
fwN=2.66
sdE=25.8
fwE=2.84
20260201T022513.0001.fits
SecZ=1.08
Focus=-6.733
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.603 -6.720 -4.877
T123=16.0 16.5 17.8
ALT/AZ=67.4 151.9
fwAVG=2.62
sdW=177.6
fwW=2.41
sdS=44.7
fwS=2.59
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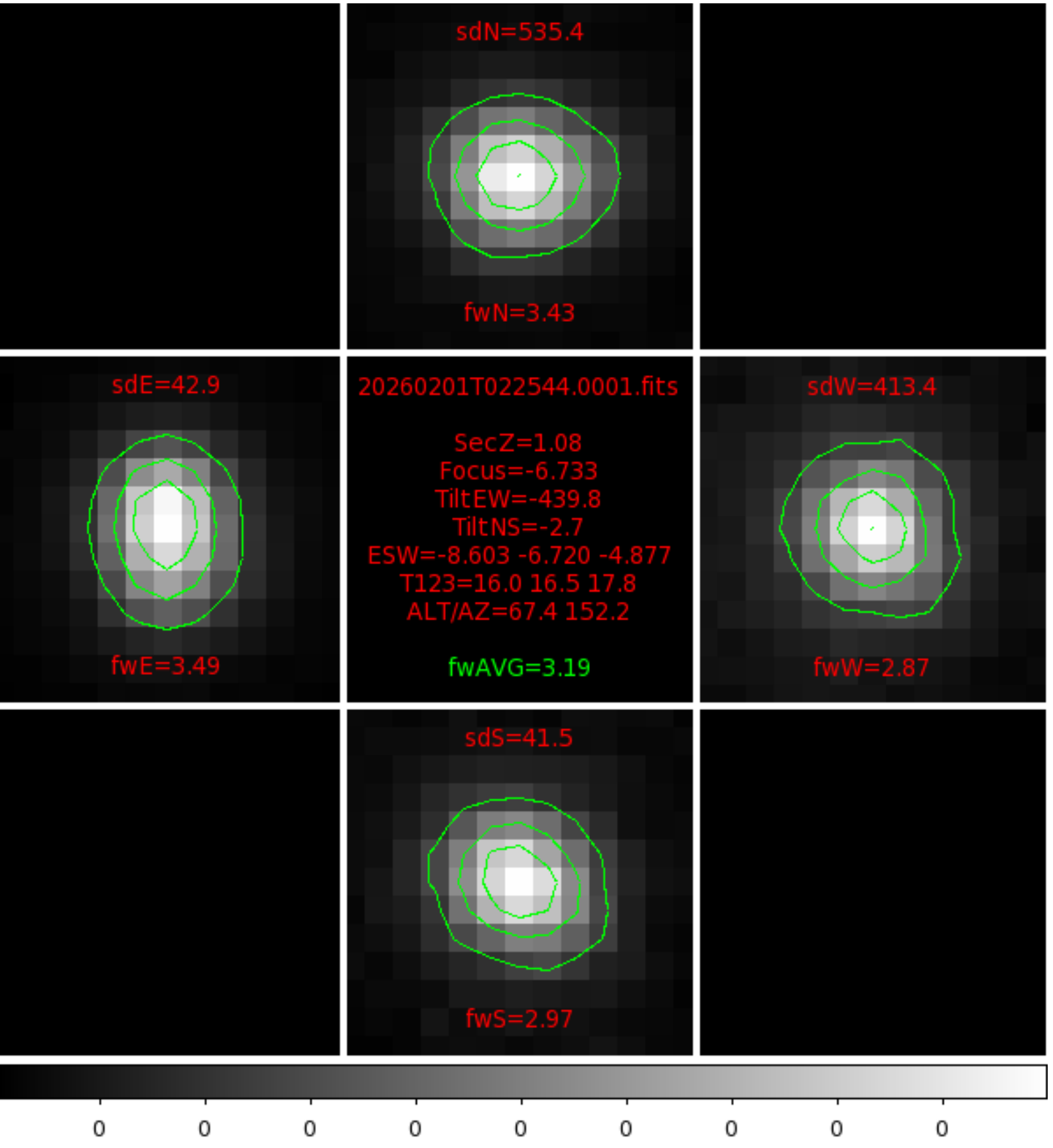
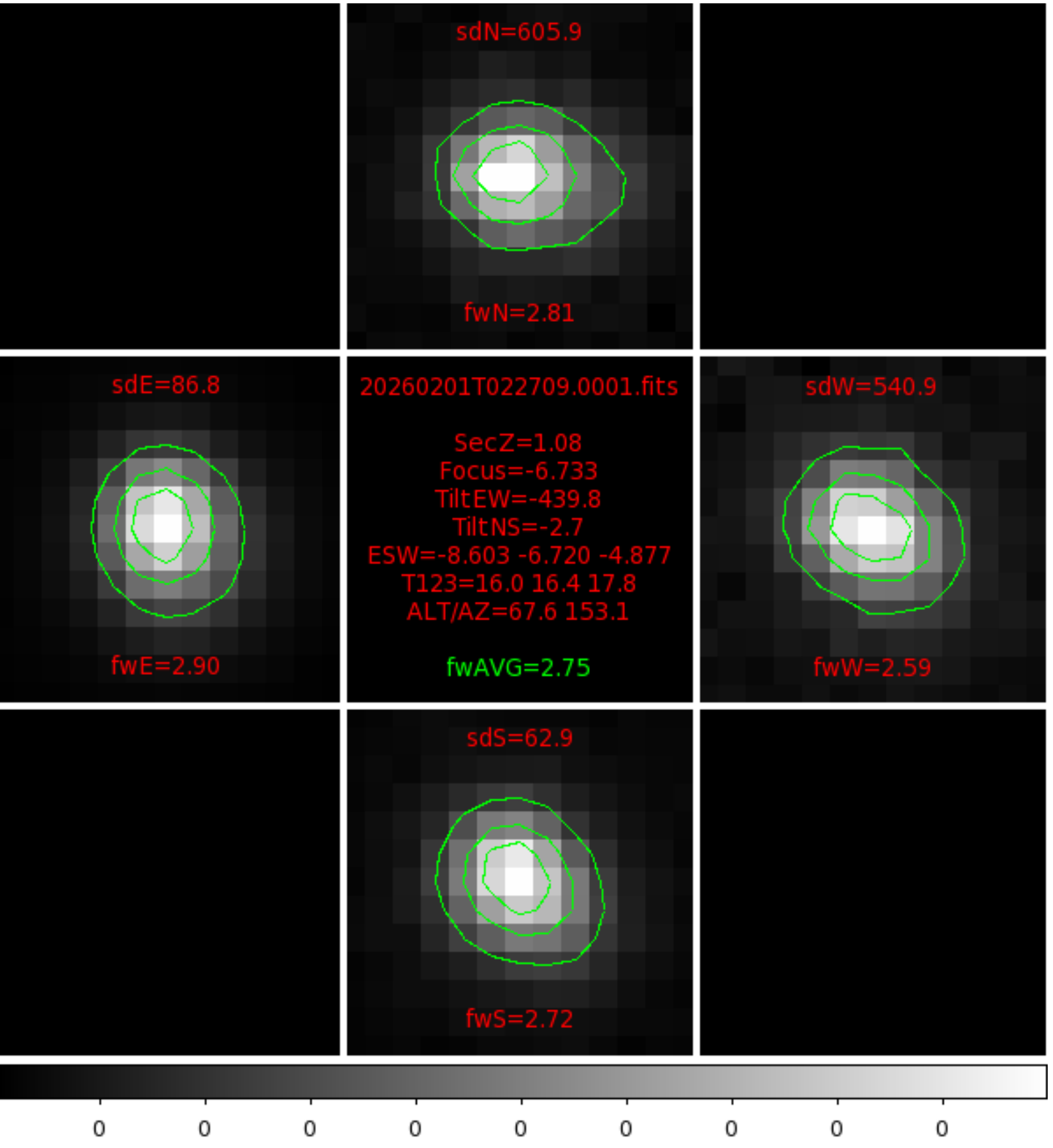

sdN=535.4
fwN=3.43
sdE=42.9
fwE=3.49
20260201T022544.0001.fits
SecZ=1.08
Focus=-6.733
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.603 -6.720 -4.877
T123=16.0 16.5 17.8
ALT/AZ=67.4 152.2
fwAVG=3.19
sdW=413.4
fwW=2.87
sdS=41.5
fwS=2.97
0 0 0 0 0 0 0 0 0


sdN=605.9
fwN=2.81
sdE=86.8
fwE=2.90
20260201T022709.0001.fits
SecZ=1.08
Focus=-6.733
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.603 -6.720 -4.877
T123=16.0 16.4 17.8
ALT/AZ=67.6 153.1
fwAVG=2.75
sdW=540.9
fwW=2.59
sdS=62.9
fwS=2.72
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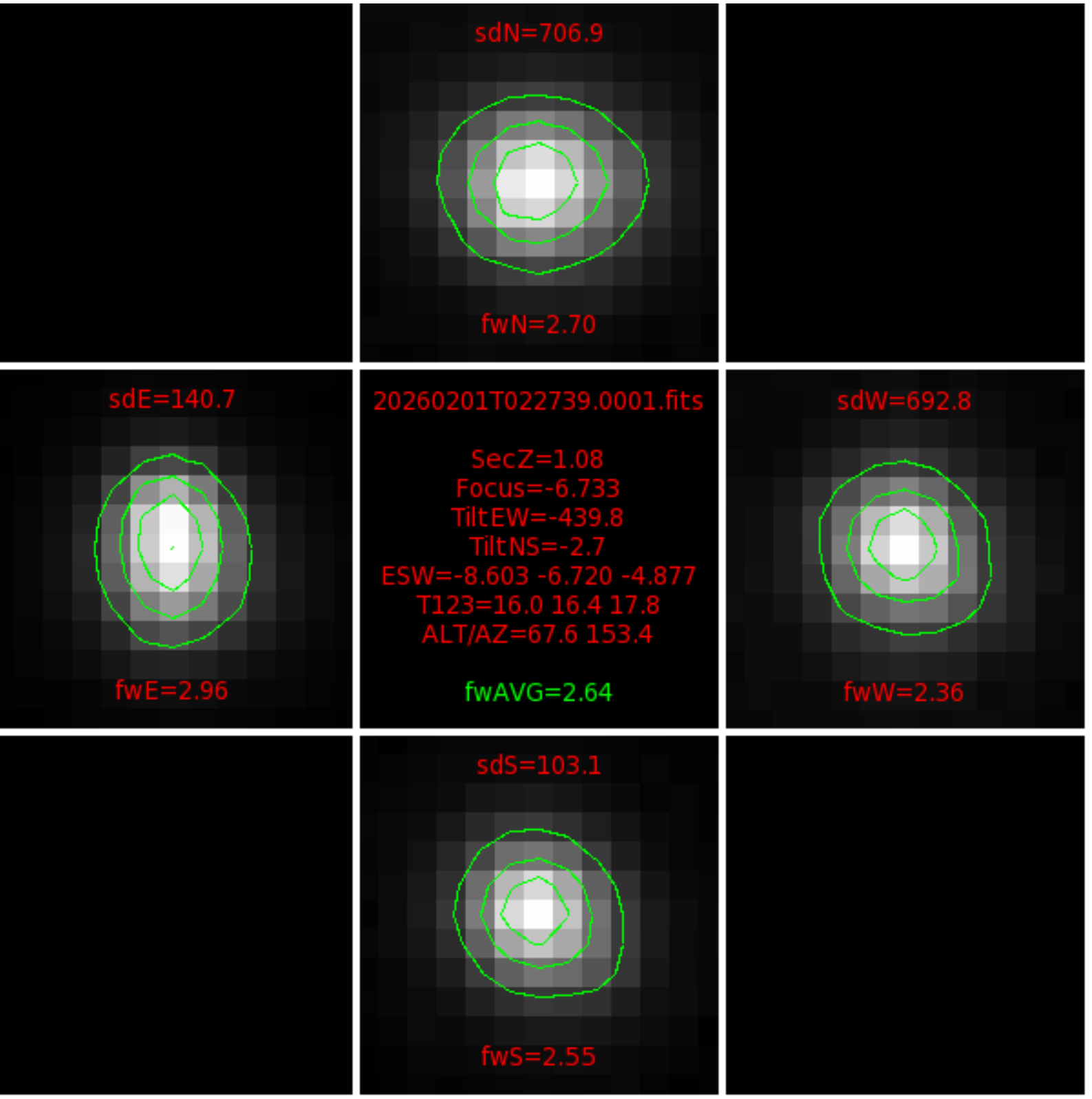
sdN=706.9
fwN=2.70
sdE=140.7
fwE=2.96
20260201T022739.0001.fits
SecZ=1.08
Focus=-6.733
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.603 -6.720 -4.877
T123=16.0 16.4 17.8
ALT/AZ=67.6 153.4
fwAVG=2.64
sdW=692.8
fwW=2.36
sdS=103.1
fwS=2.55
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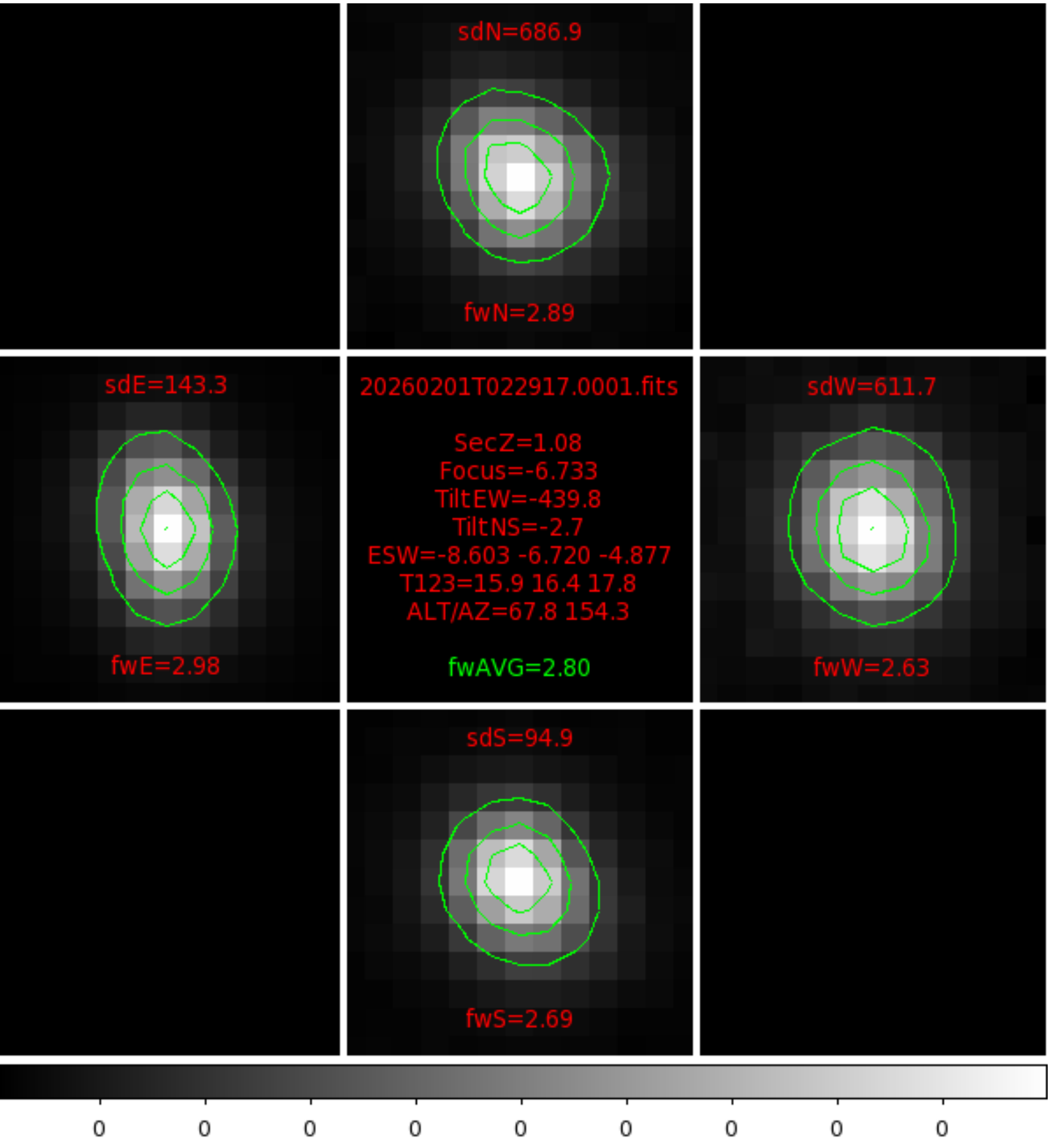
sdN=686.9
fwN=2.89
sdE=143.3
fwE=2.98
20260201T022917.0001.fits
SecZ=1.08
Focus=-6.733
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.603 -6.720 -4.877
T123=15.9 16.4 17.8
ALT/AZ=67.8 154.3
fwAVG=2.80
sdW=611.7
fwW=2.63
sdS=94.9
fwS=2.69
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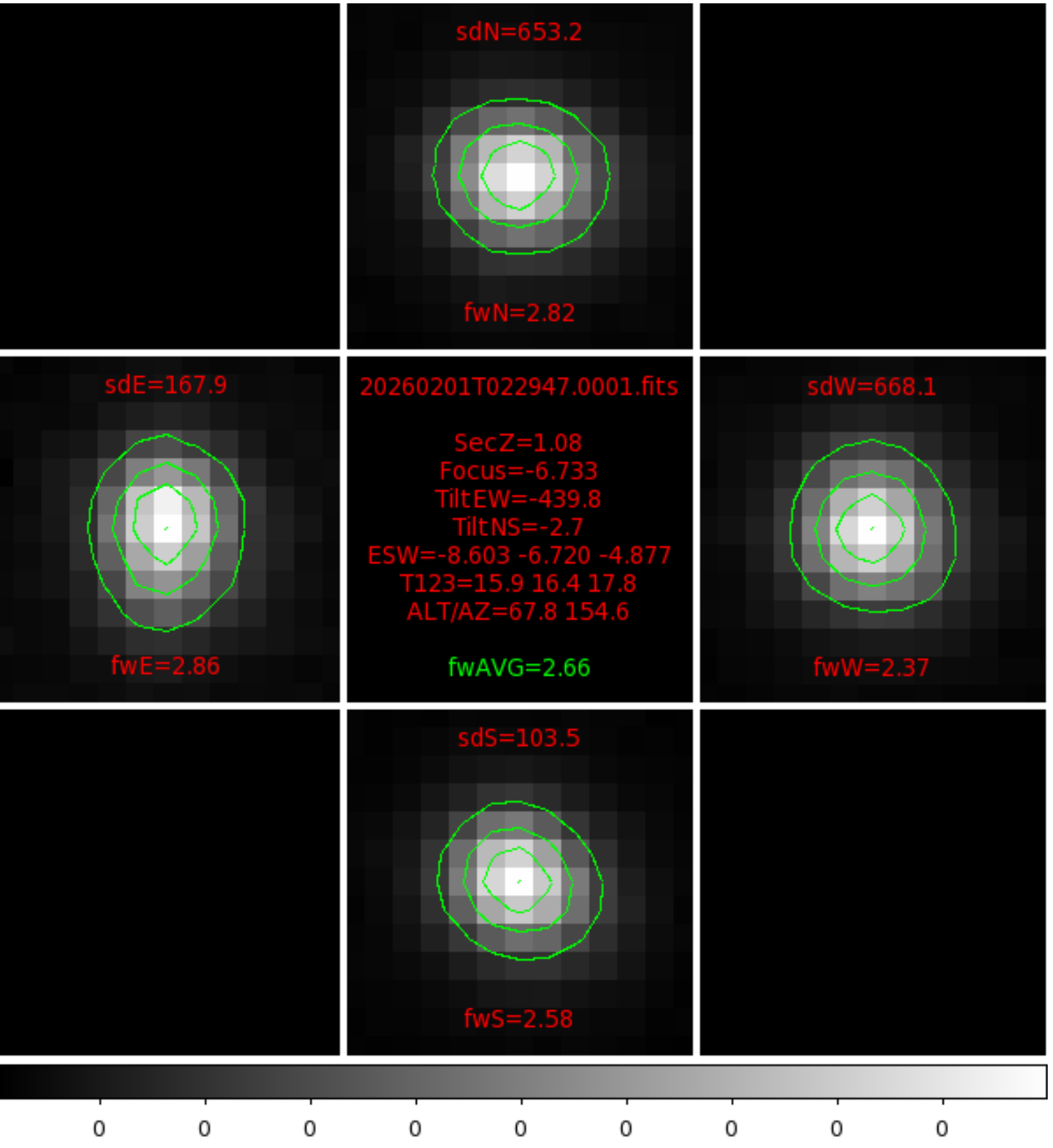
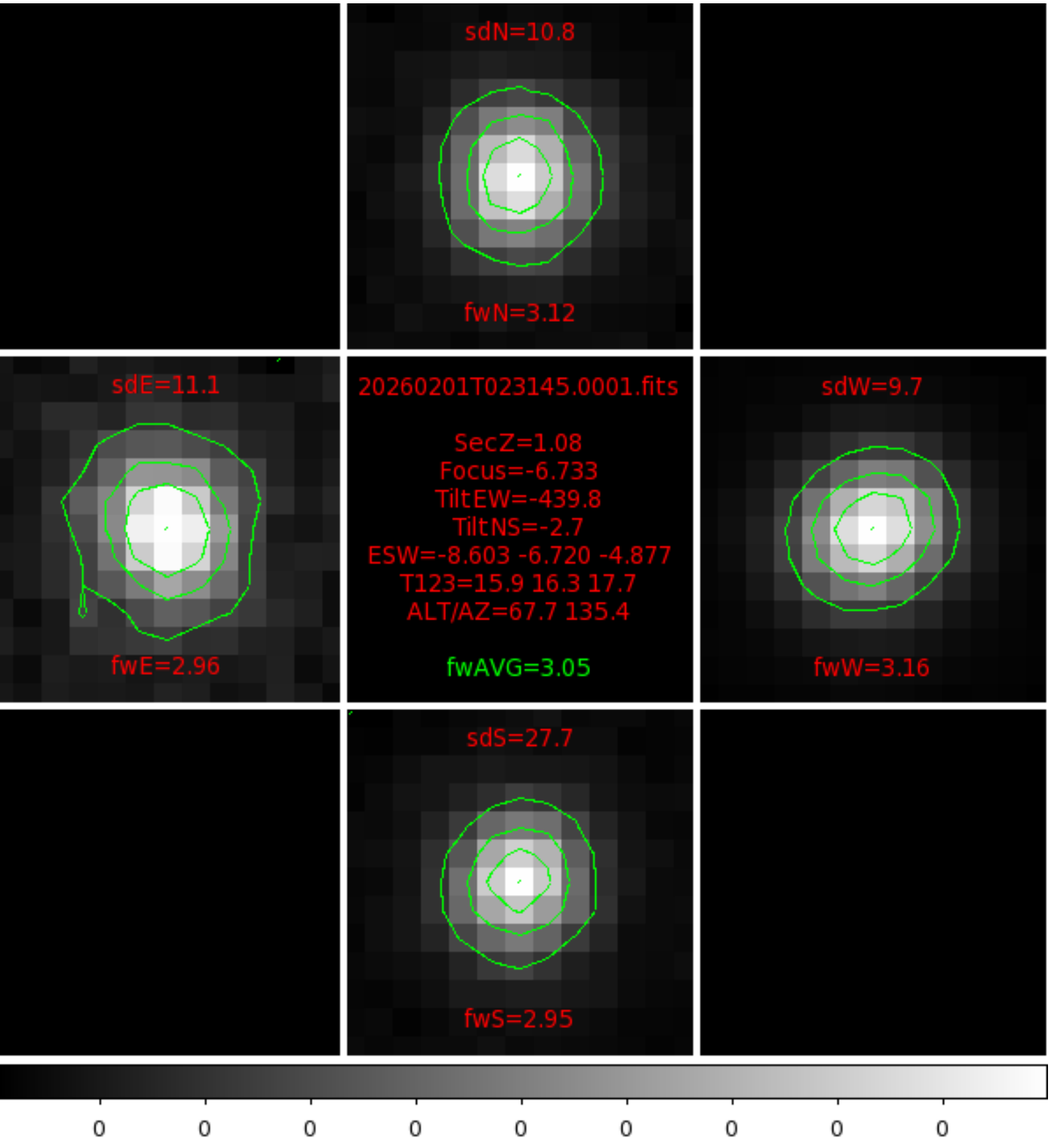
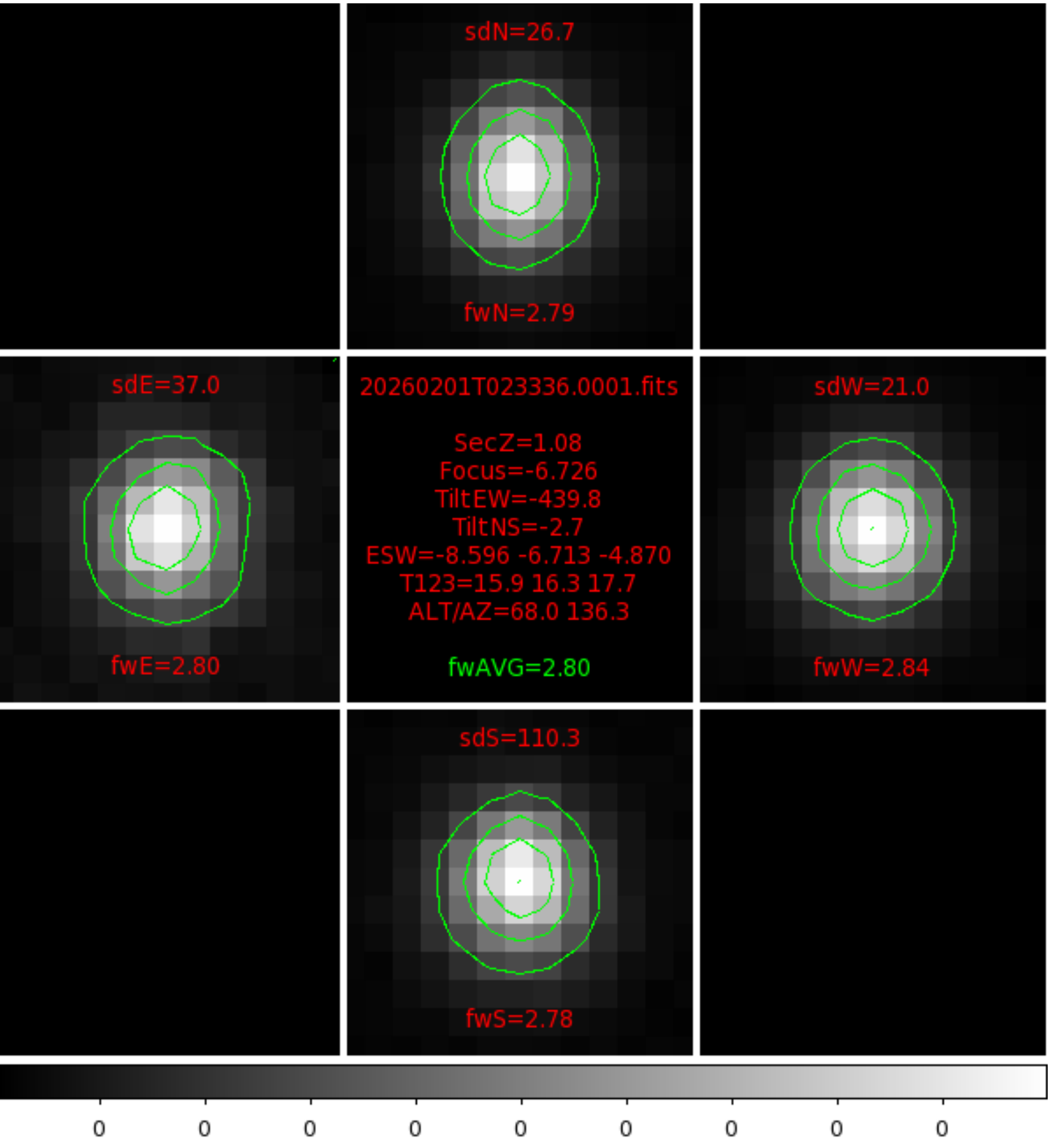

sdN=653.2
fwN=2.82
sdE=167.9
fwE=2.86
20260201T022947.0001.fits
SecZ=1.08
Focus=-6.733
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.603 -6.720 -4.877
T123=15.9 16.4 17.8
ALT/AZ=67.8 154.6
fwAVG=2.66
sdW=668.1
fwW=2.37
sdS=103.5
fwS=2.58
0 0 0 0 0 0 0 0 0


sdN=10.8
fwN=3.12
sdE=11.1
fwE=2.96
20260201T023145.0001.fits
SecZ=1.08
Focus=-6.733
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.603 -6.720 -4.877
T123=15.9 16.3 17.7
ALT/AZ=67.7 135.4
fwAVG=3.05
sdW=9.7
fwW=3.16
sdS=27.7
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=26.7
fwN=2.79
sdE=37.0
fwE=2.80
20260201T023336.0001.fits
SecZ=1.08
Focus=-6.726
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.596 -6.713 -4.870
T123=15.9 16.3 17.7
ALT/AZ=68.0 136.3
fwAVG=2.80
sdW=21.0
fwW=2.84
sdS=110.3
fwS=2.78
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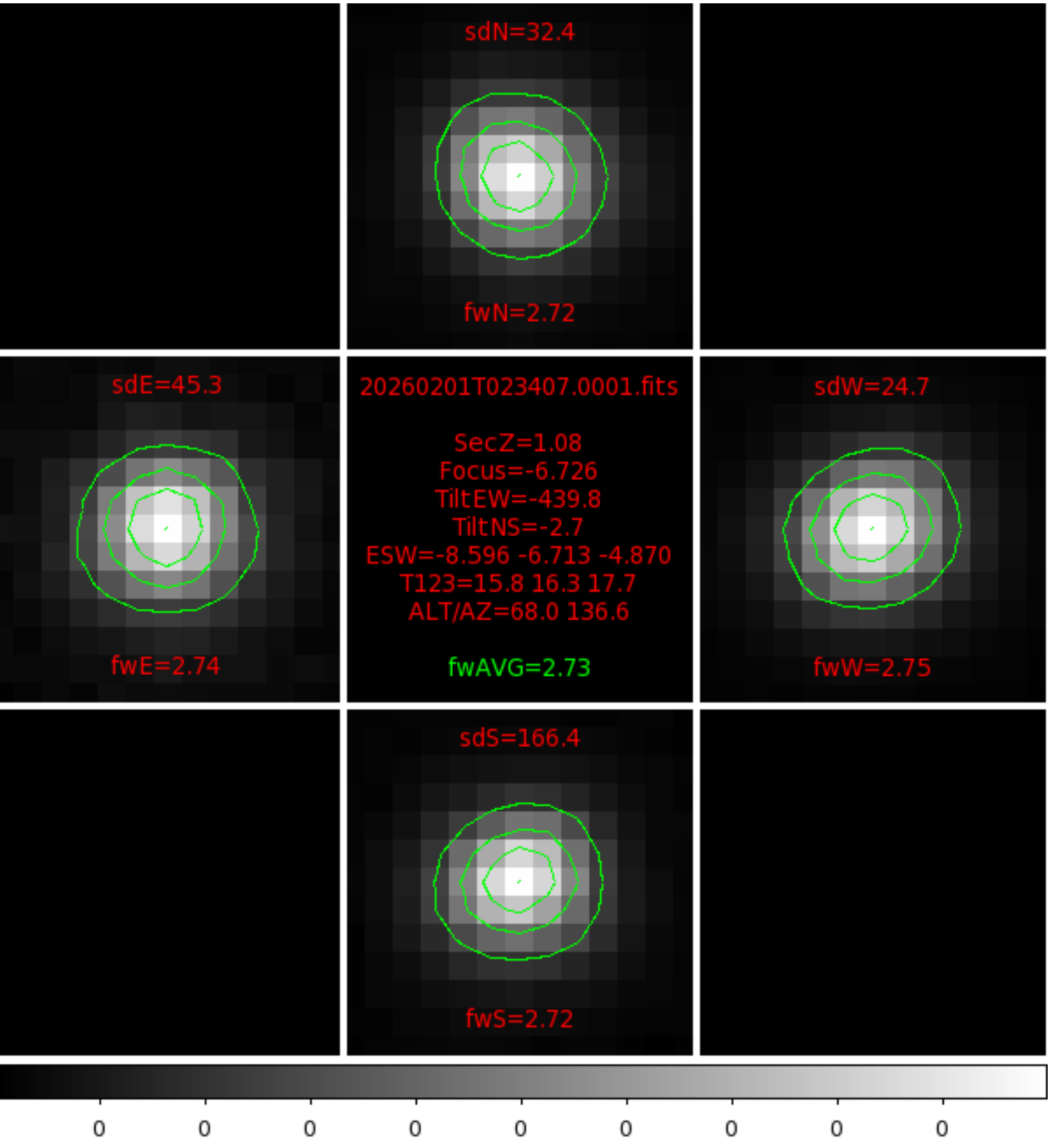
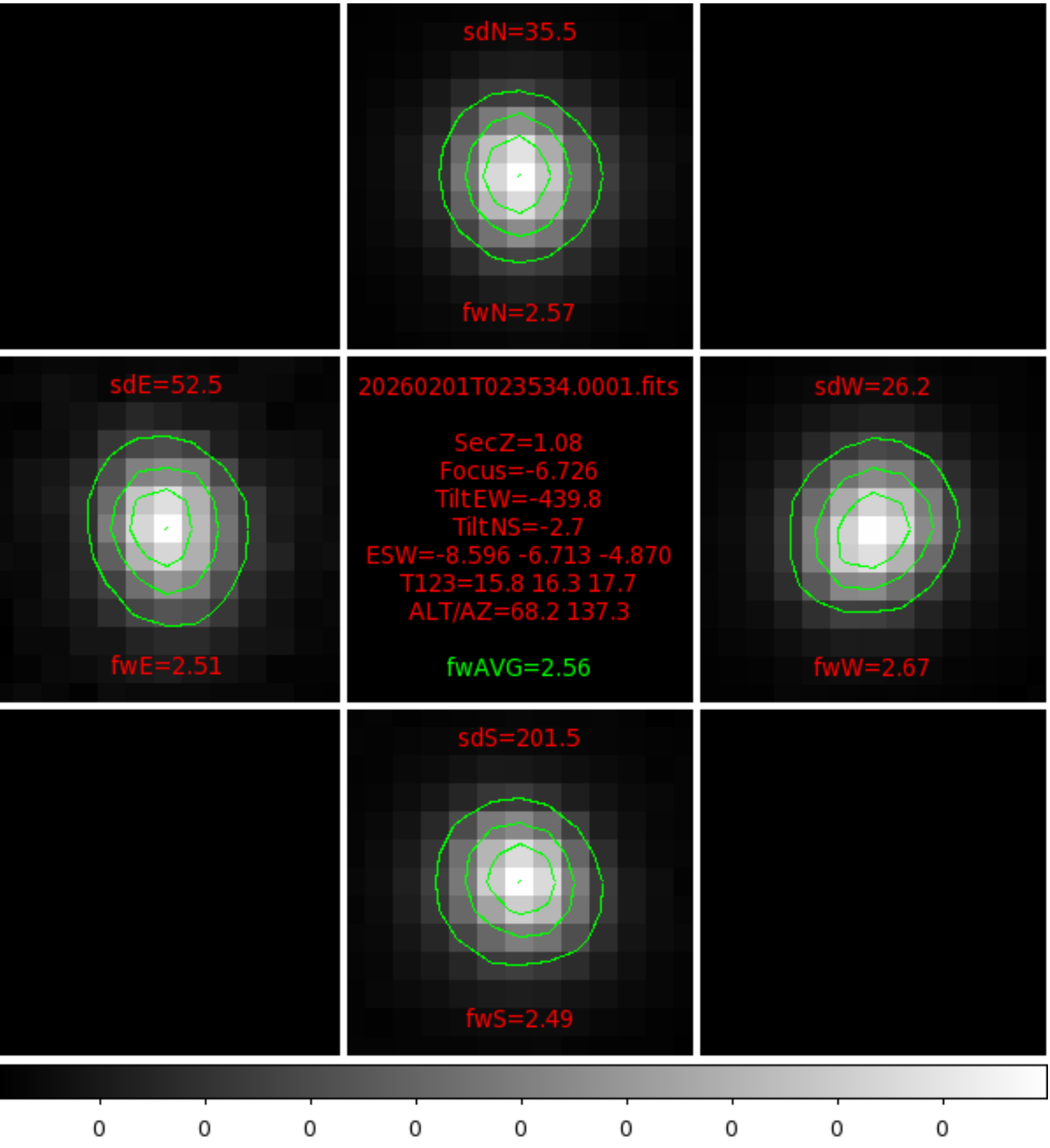

sdN=32.4
fwN=2.72
sdE=45.3
fwE=2.74
20260201T023407.0001.fits
SecZ=1.08
Focus=-6.726
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.596 -6.713 -4.870
T123=15.8 16.3 17.7
ALT/AZ=68.0 136.6
fwAVG=2.73
sdW=24.7
fwW=2.75
sdS=166.4
fwS=2.72
0 0 0 0 0 0 0 0 0


sdN=35.5
fwN=2.57
sdE=52.5
fwE=2.51
20260201T023534.0001.fits
SecZ=1.08
Focus=-6.726
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.596 -6.713 -4.870
T123=15.8 16.3 17.7
ALT/AZ=68.2 137.3
fwAVG=2.56
sdW=26.2
fwW=2.67
sdS=201.5
fwS=2.49
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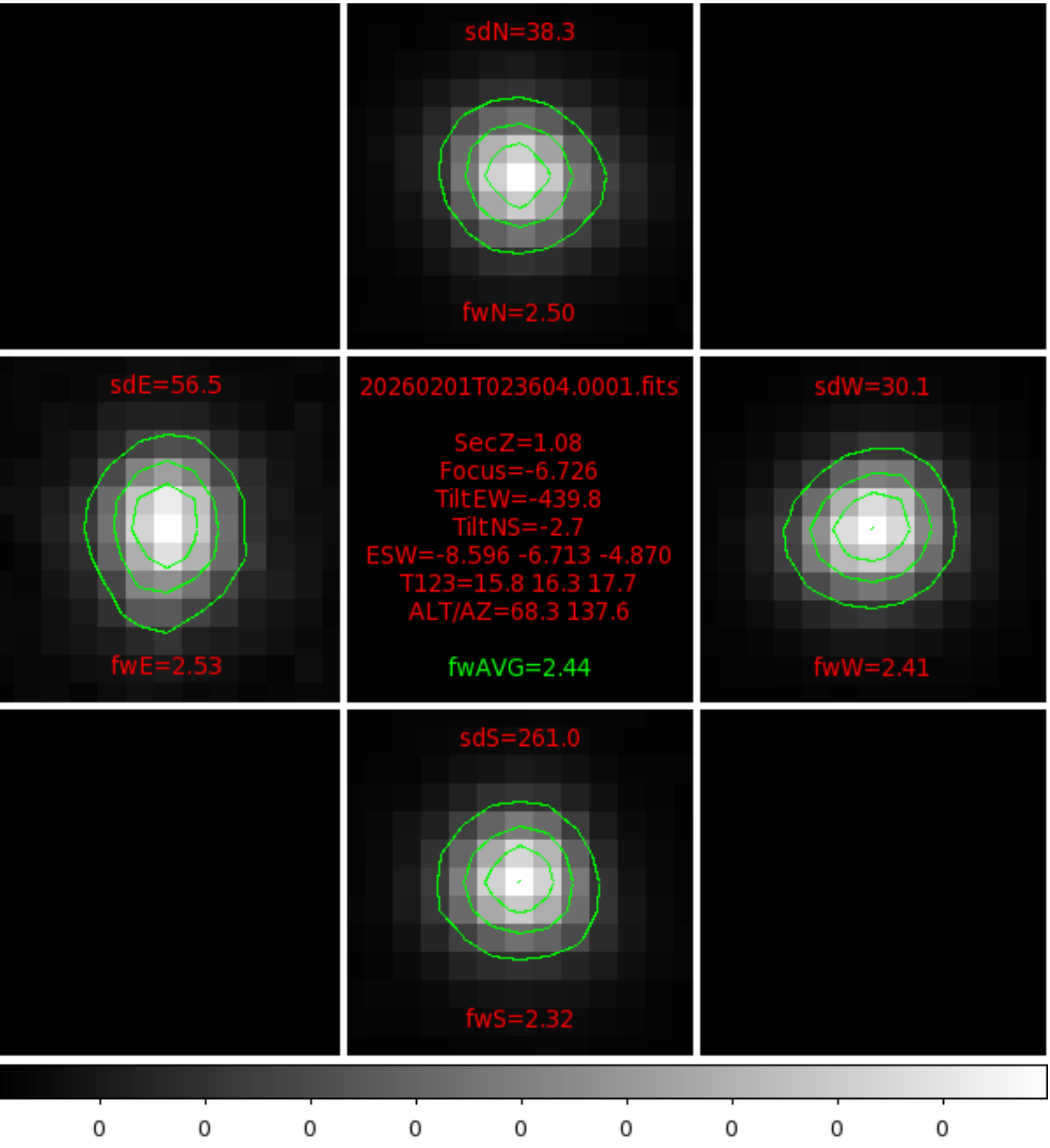
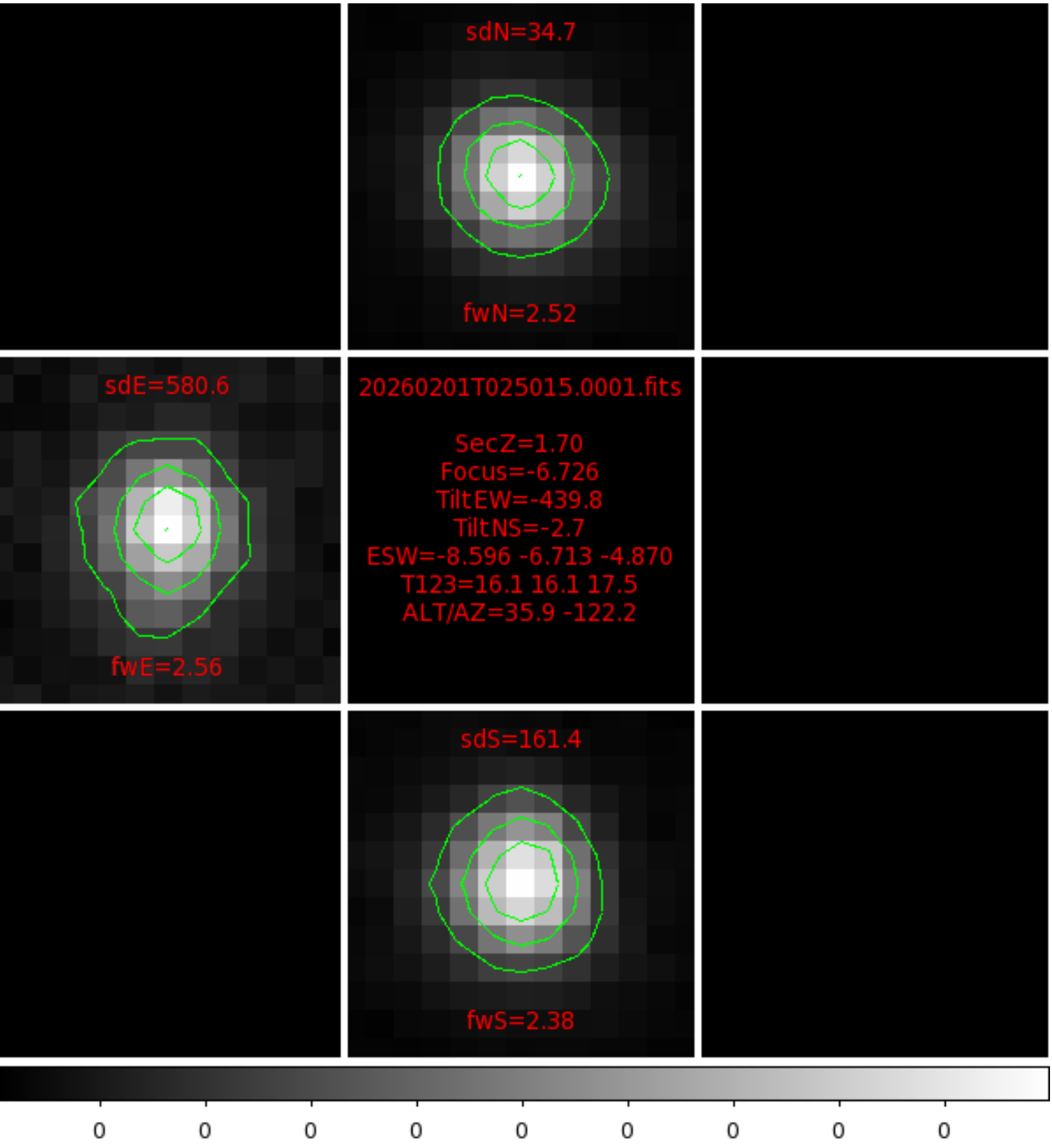

sdN=38.3
fwN=2.50
sdE=56.5
fwE=2.53
20260201T023604.0001.fits
SecZ=1.08
Focus=-6.726
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.596 -6.713 -4.870
T123=15.8 16.3 17.7
ALT/AZ=68.3 137.6
fwAVG=2.44
sdW=30.1
fwW=2.41
sdS=261.0
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=34.7
fwN=2.52
sdE=580.6
fwE=2.56
20260201T025015.0001.fits
SecZ=1.70
Focus=-6.726
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.596 -6.713 -4.870
T123=16.1 16.1 17.5
ALT/AZ=35.9 -122.2
sdS=161.4
fwS=2.38
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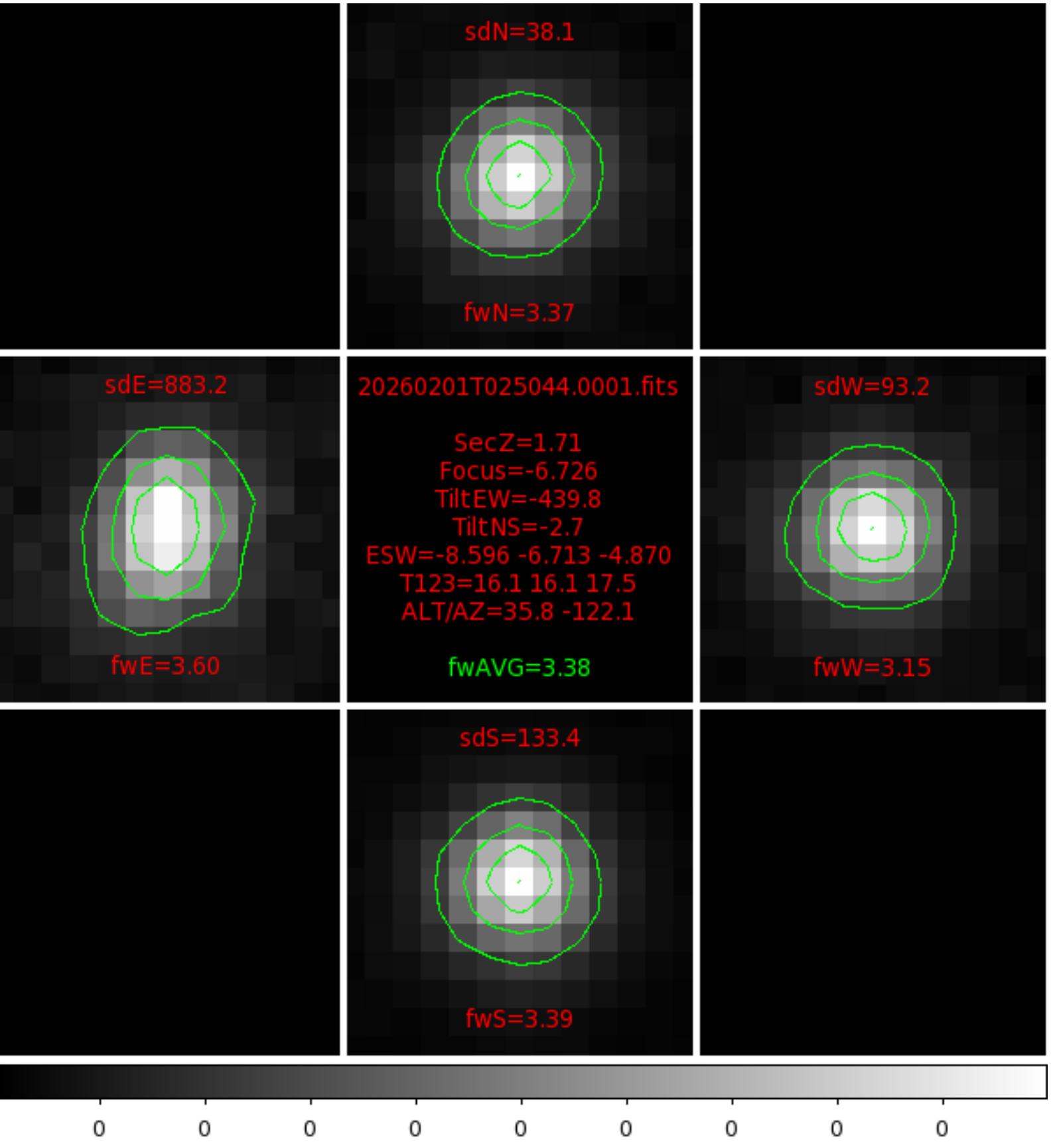
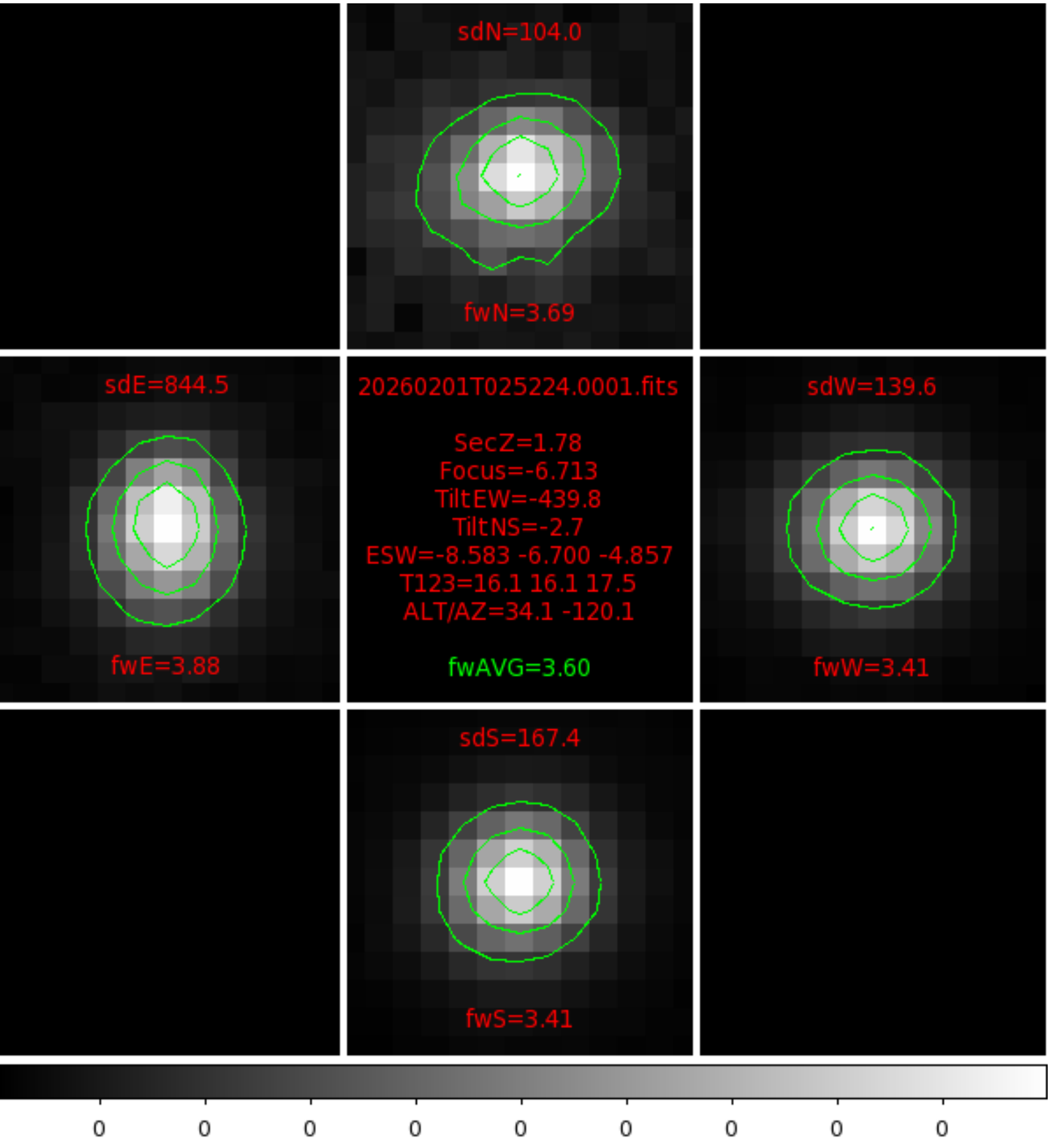

sdN=38.1
fwN=3.37
sdE=883.2
fwE=3.60
20260201T025044.0001.fits
SecZ=1.71
Focus=-6.726
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.596 -6.713 -4.870
T123=16.1 16.1 17.5
ALT/AZ=35.8 -122.1
fwAVG=3.38
sdW=93.2
fwW=3.15
sdS=133.4
fwS=3.39
0 0 0 0 0 0 0 0 0


sdN=104.0
fwN=3.69
sdE=844.5
fwE=3.88
20260201T025224.0001.fits
SecZ=1.78
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=16.1 16.1 17.5
ALT/AZ=34.1 -120.1
fwAVG=3.60
sdW=139.6
fwW=3.41
sdS=167.4
fwS=3.41
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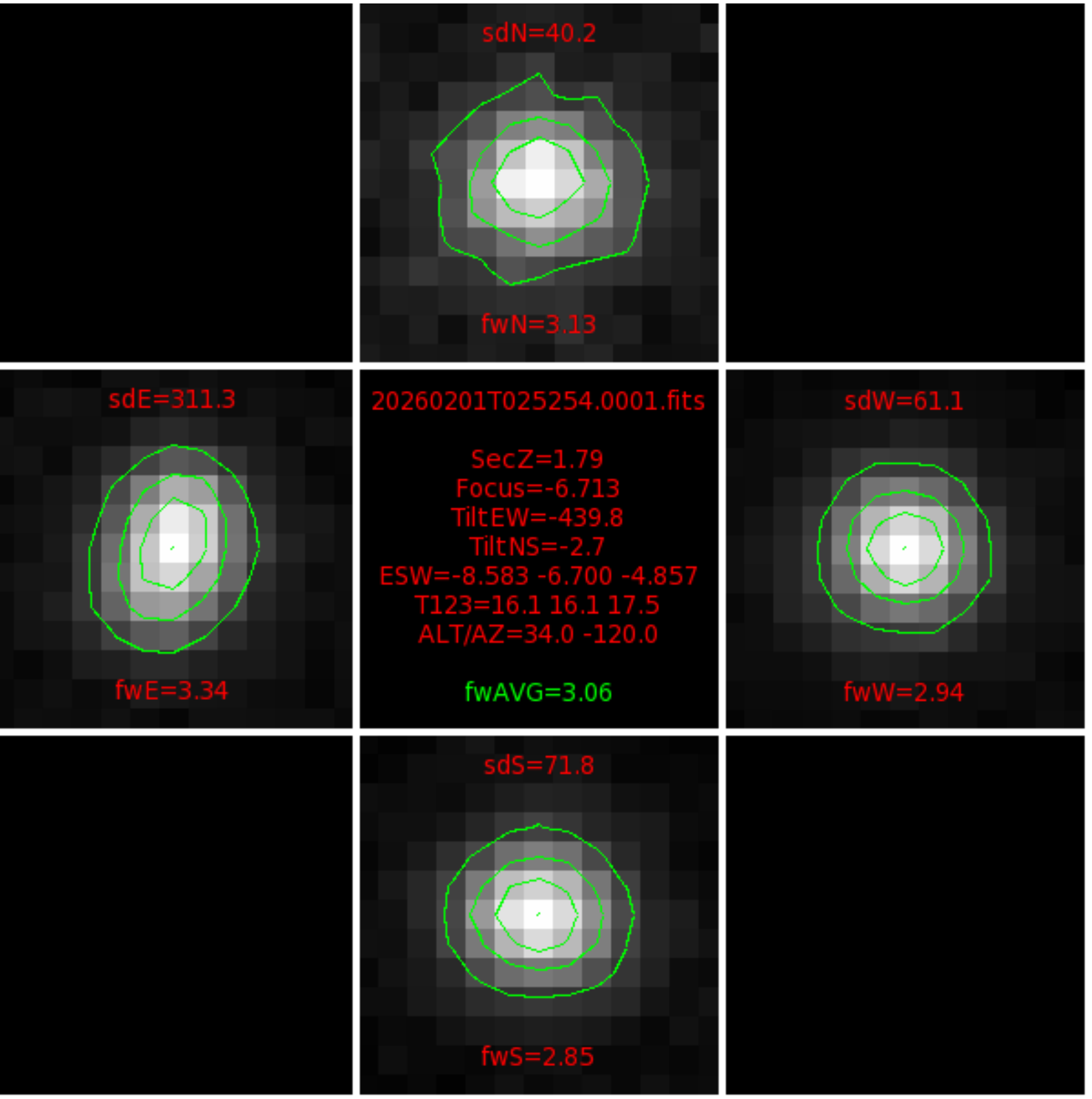
sdN=40.2
fwN=3.13
sdE=311.3
fwE=3.34
20260201T025254.0001.fits
SecZ=1.79
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=16.1 16.1 17.5
ALT/AZ=34.0 -120.0
fwAVG=3.06
sdW=61.1
fwW=2.94
sdS=71.8
fwS=2.85
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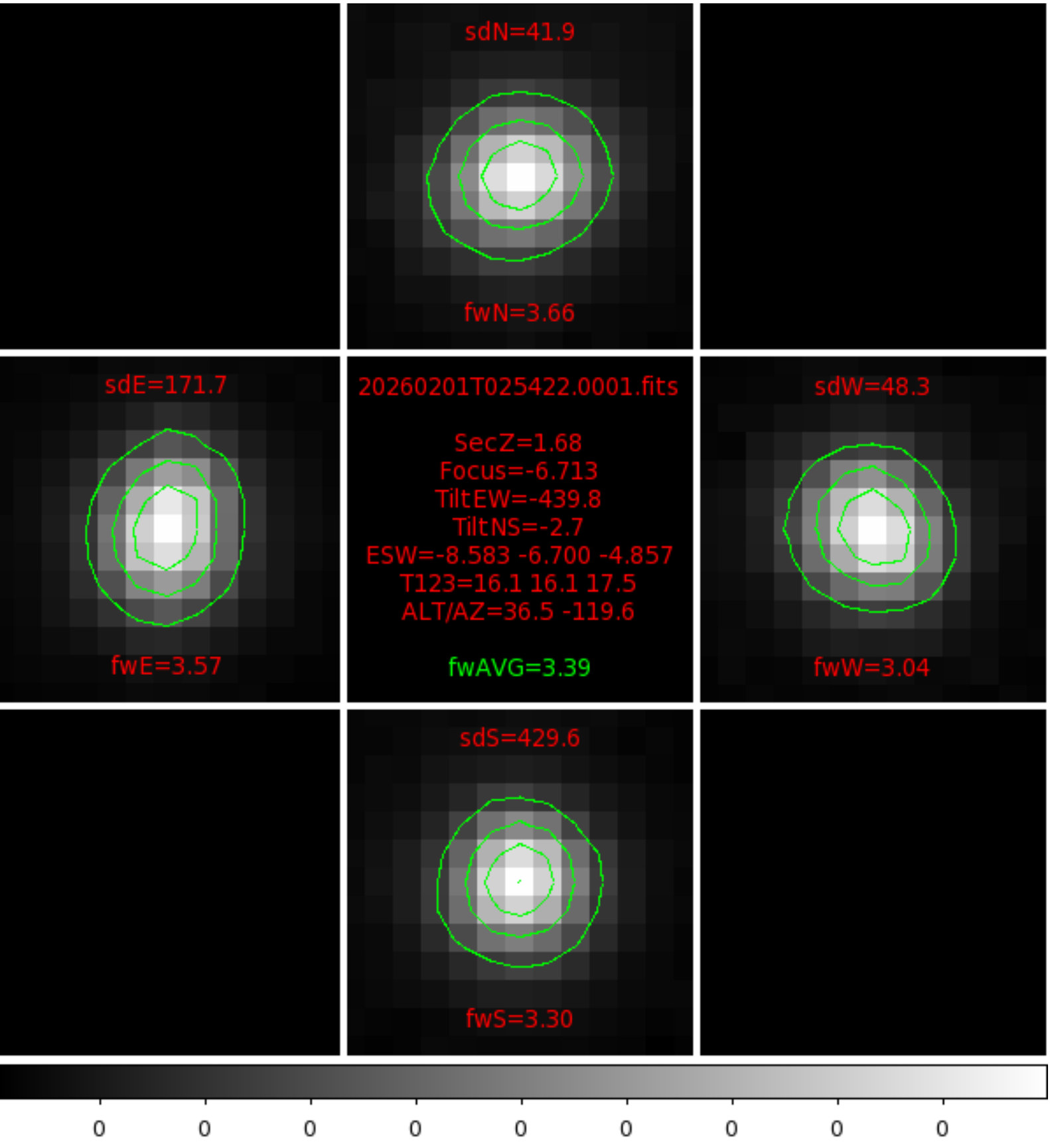
sdN=41.9
fwN=3.66
sdE=171.7
fwE=3.57
20260201T025422.0001.fits
SecZ=1.68
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=16.1 16.1 17.5
ALT/AZ=36.5 -119.6
fwAVG=3.39
sdW=48.3
fwW=3.04
sdS=429.6
fwS=3.30
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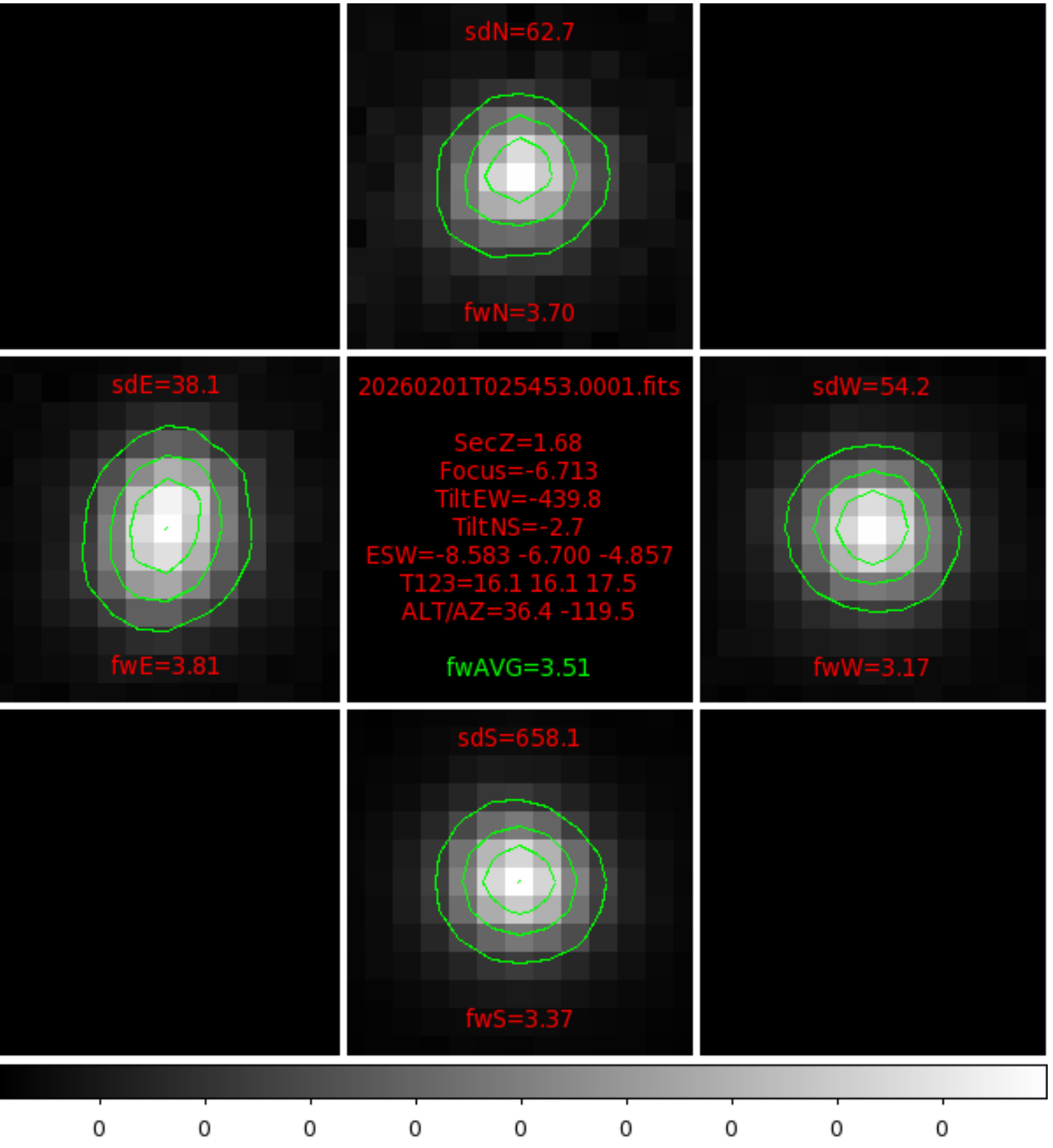
sdN=62.7
fwN=3.70
sdE=38.1
fwE=3.81
20260201T025453.0001.fits
SecZ=1.68
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=16.1 16.1 17.5
ALT/AZ=36.4 -119.5
fwAVG=3.51
sdW=54.2
fwW=3.17
sdS=658.1
fwS=3.37
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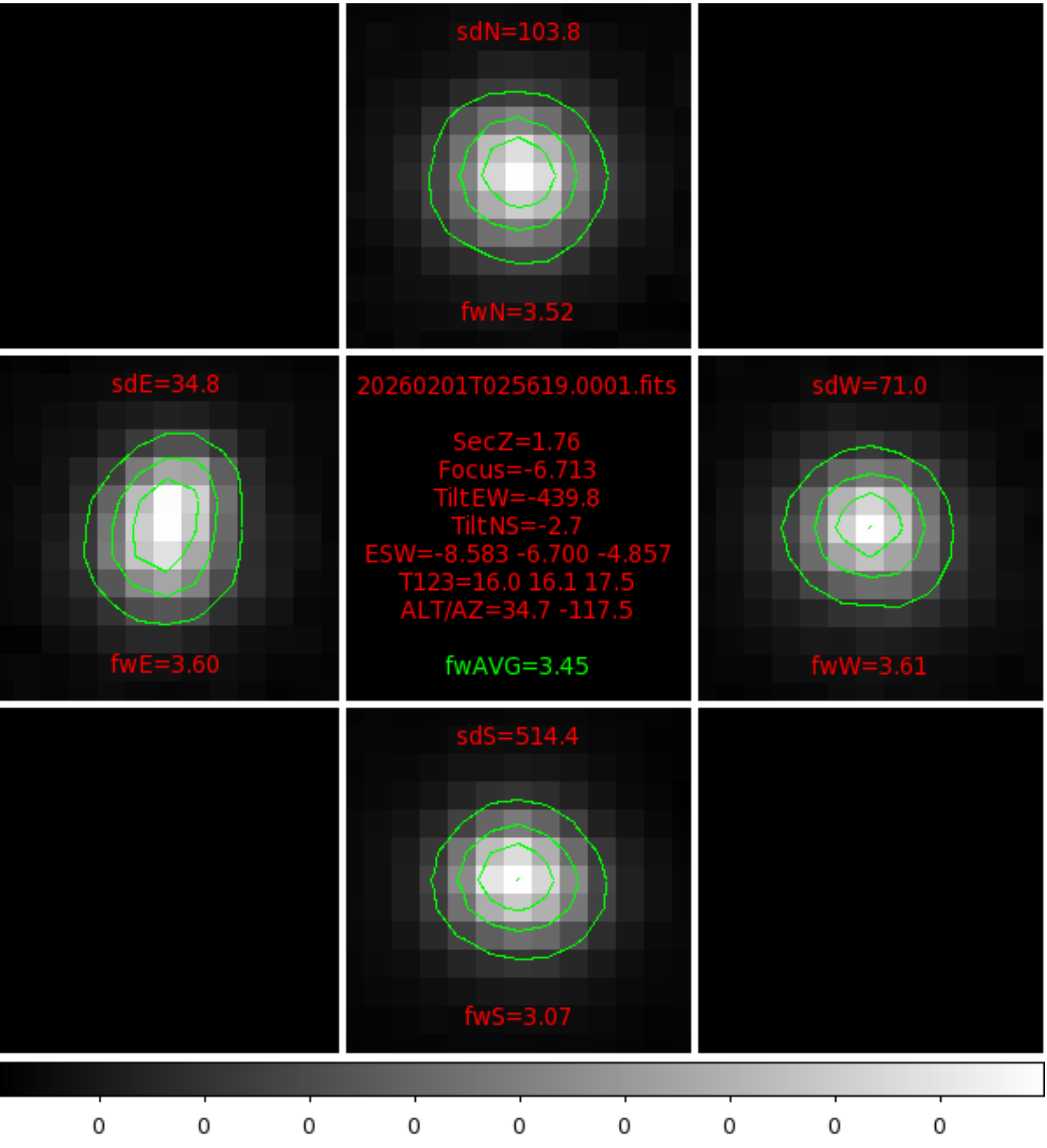
sdN=103.8
fwN=3.52
sdE=34.8
fwE=3.60
20260201T025619.0001.fits
SecZ=1.76
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=16.0 16.1 17.5
ALT/AZ=34.7 -117.5
fwAVG=3.45
sdW=71.0
fwW=3.61
sdS=514.4
fwS=3.07
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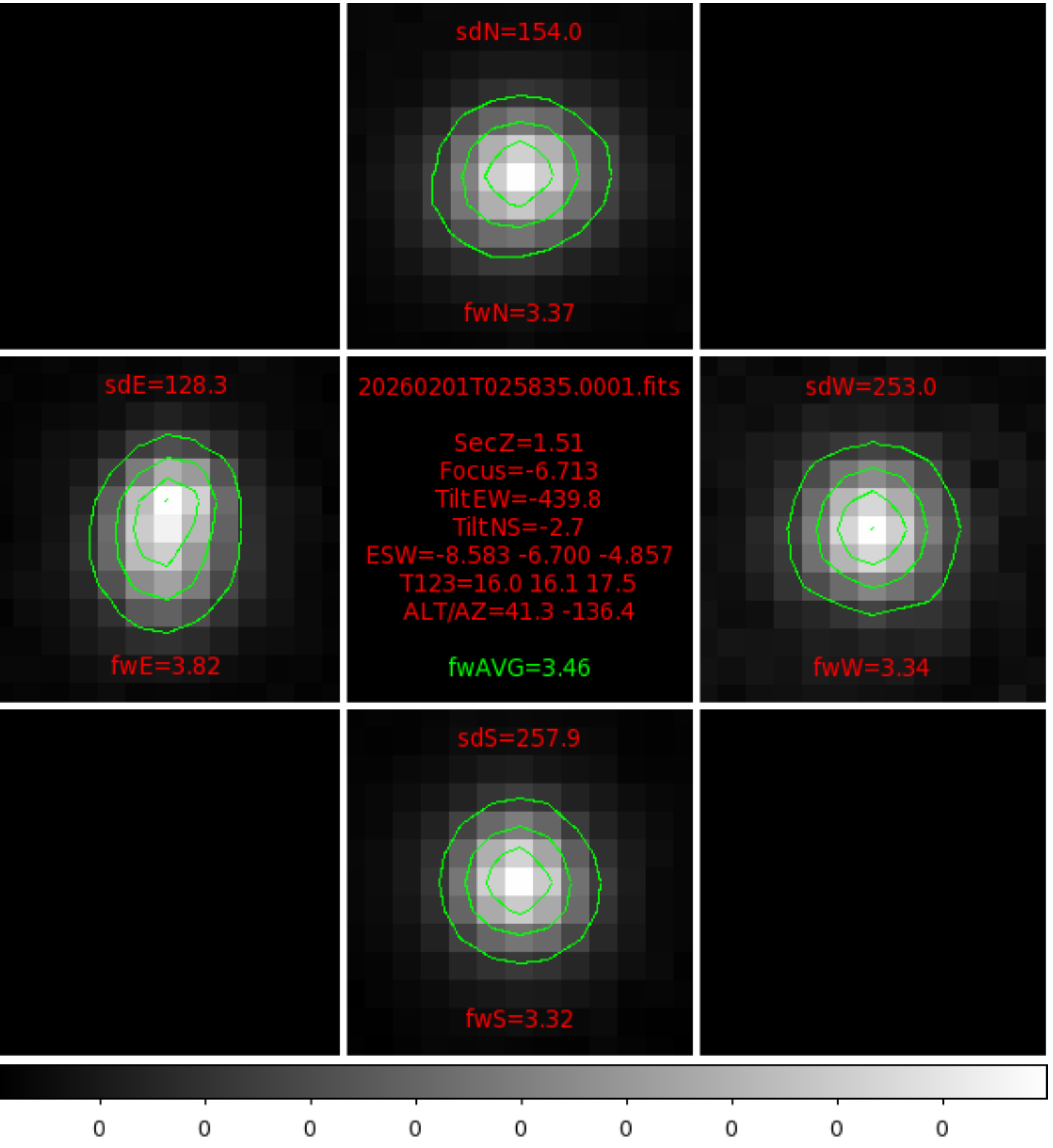
sdN=154.0
fwN=3.37
sdE=128.3
fwE=3.82
20260201T025835.0001.fits
SecZ=1.51
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=16.0 16.1 17.5
ALT/AZ=41.3 -136.4
fwAVG=3.46
sdW=253.0
fwW=3.34
sdS=257.9
fwS=3.32
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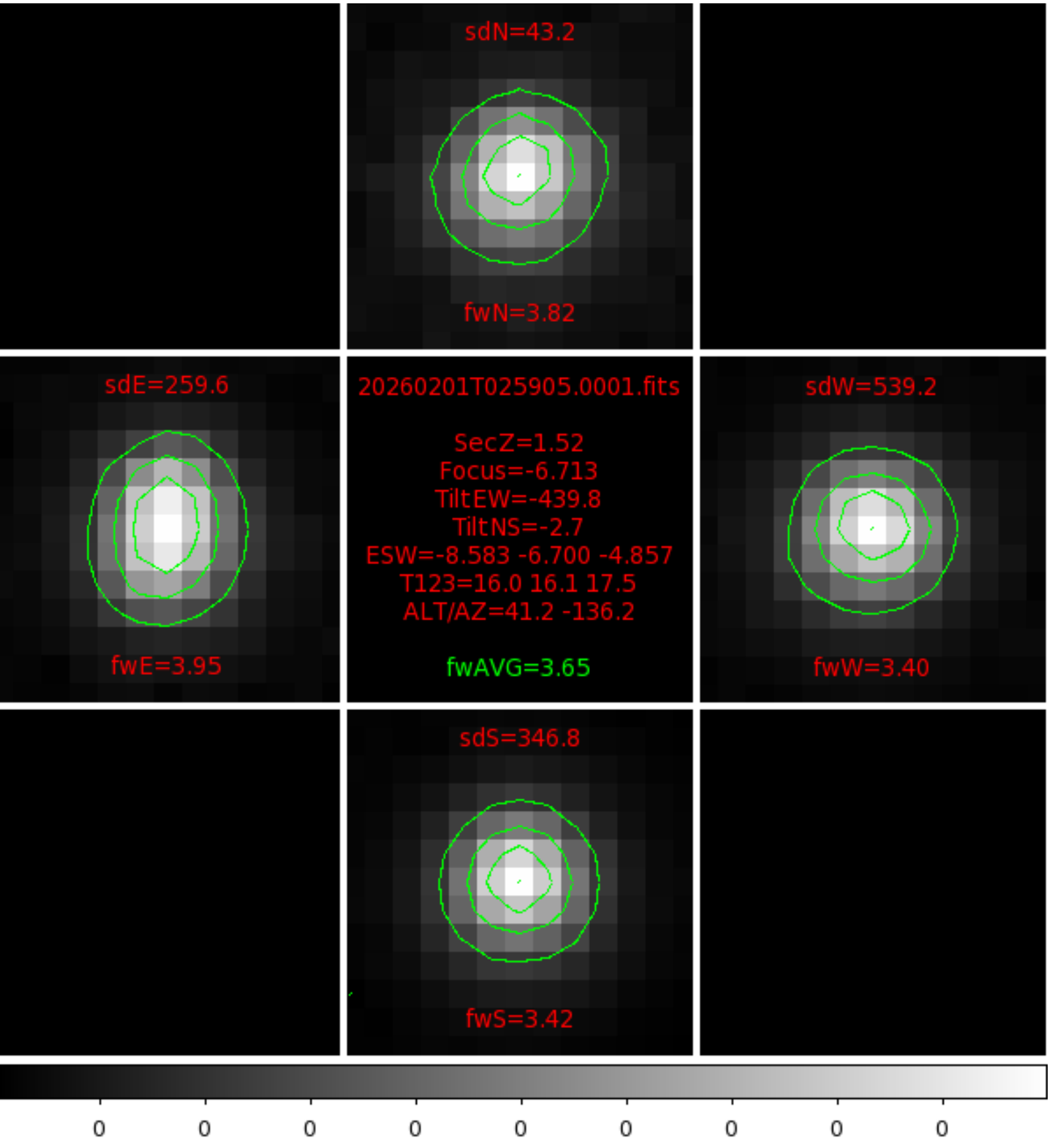
sdN=43.2
fwN=3.82
sdE=259.6
fwE=3.95
20260201T025905.0001.fits
SecZ=1.52
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=16.0 16.1 17.5
ALT/AZ=41.2 -136.2
fwAVG=3.65
sdW=539.2
fwW=3.40
sdS=346.8
fwS=3.42
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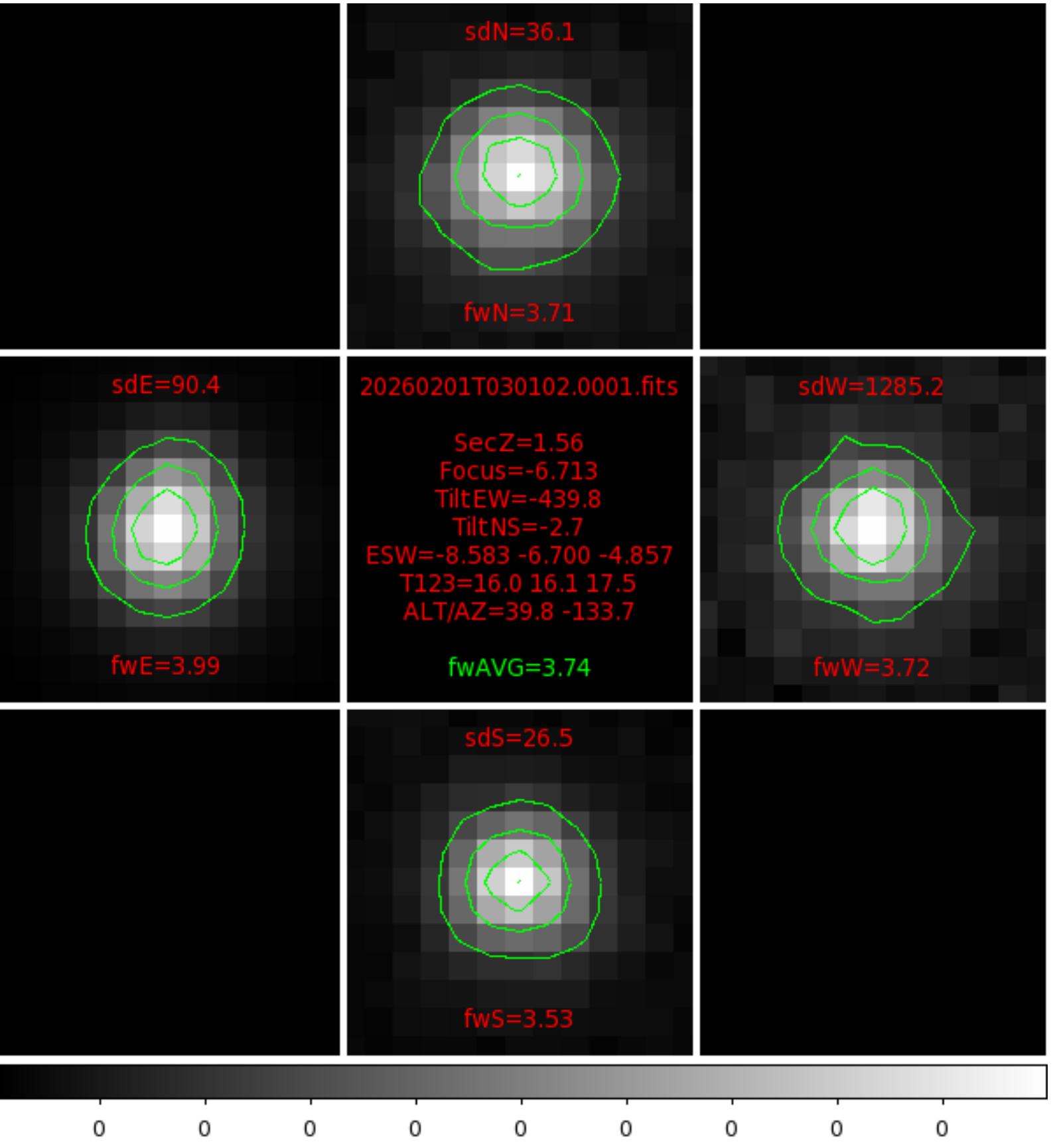
sdN=36.1
fwN=3.71
sdE=90.4
fwE=3.99
20260201T030102.0001.fits
SecZ=1.56
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=16.0 16.1 17.5
ALT/AZ=39.8 -133.7
fwAVG=3.74
sdW=1285.2
fwW=3.72
sdS=26.5
fwS=3.53
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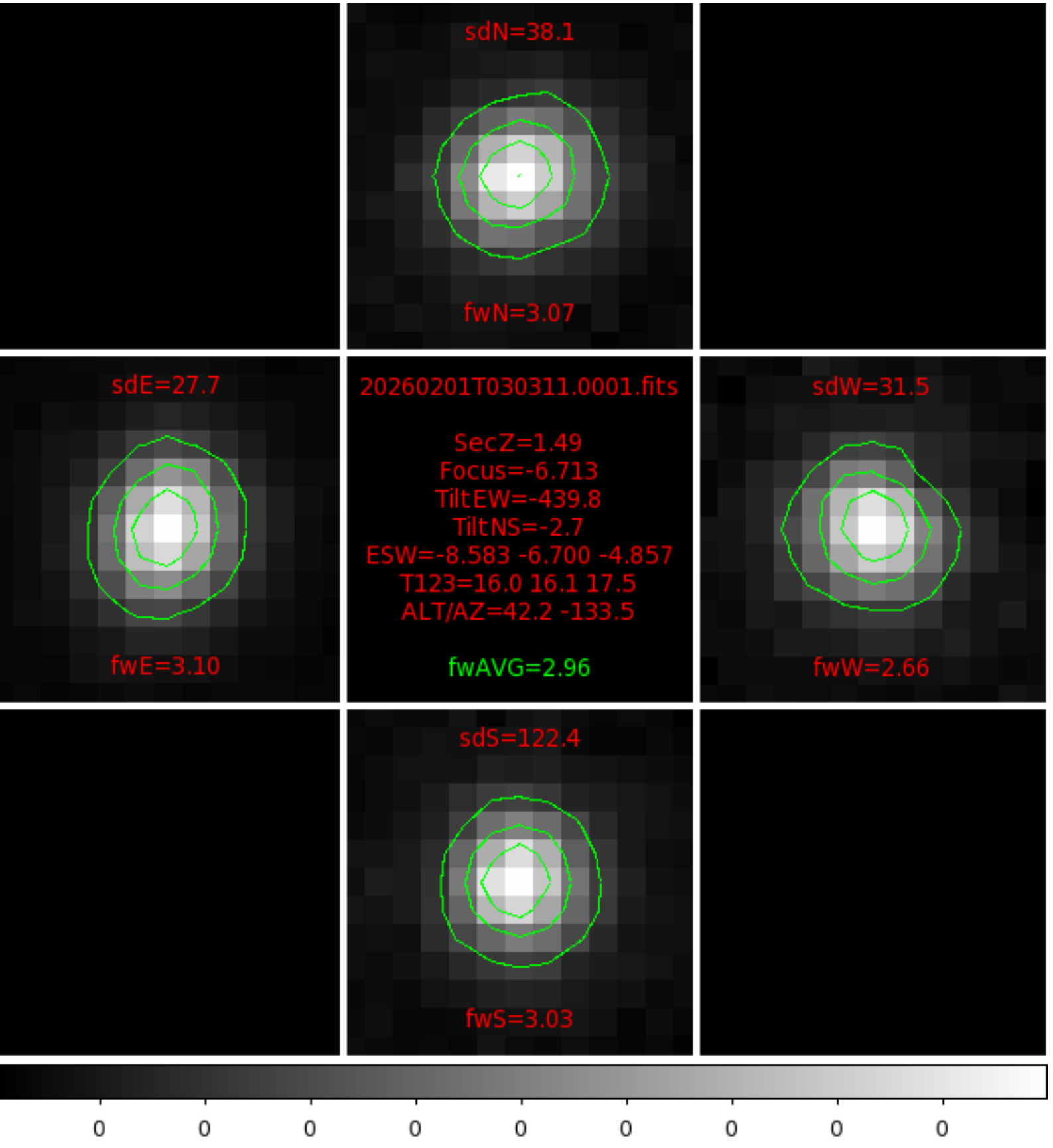
sdN=38.1
fwN=3.07
sdE=27.7
fwE=3.10
20260201T030311.0001.fits
SecZ=1.49
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=16.0 16.1 17.5
ALT/AZ=42.2 -133.5
fwAVG=2.96
sdW=31.5
fwW=2.66
sdS=122.4
fwS=3.03
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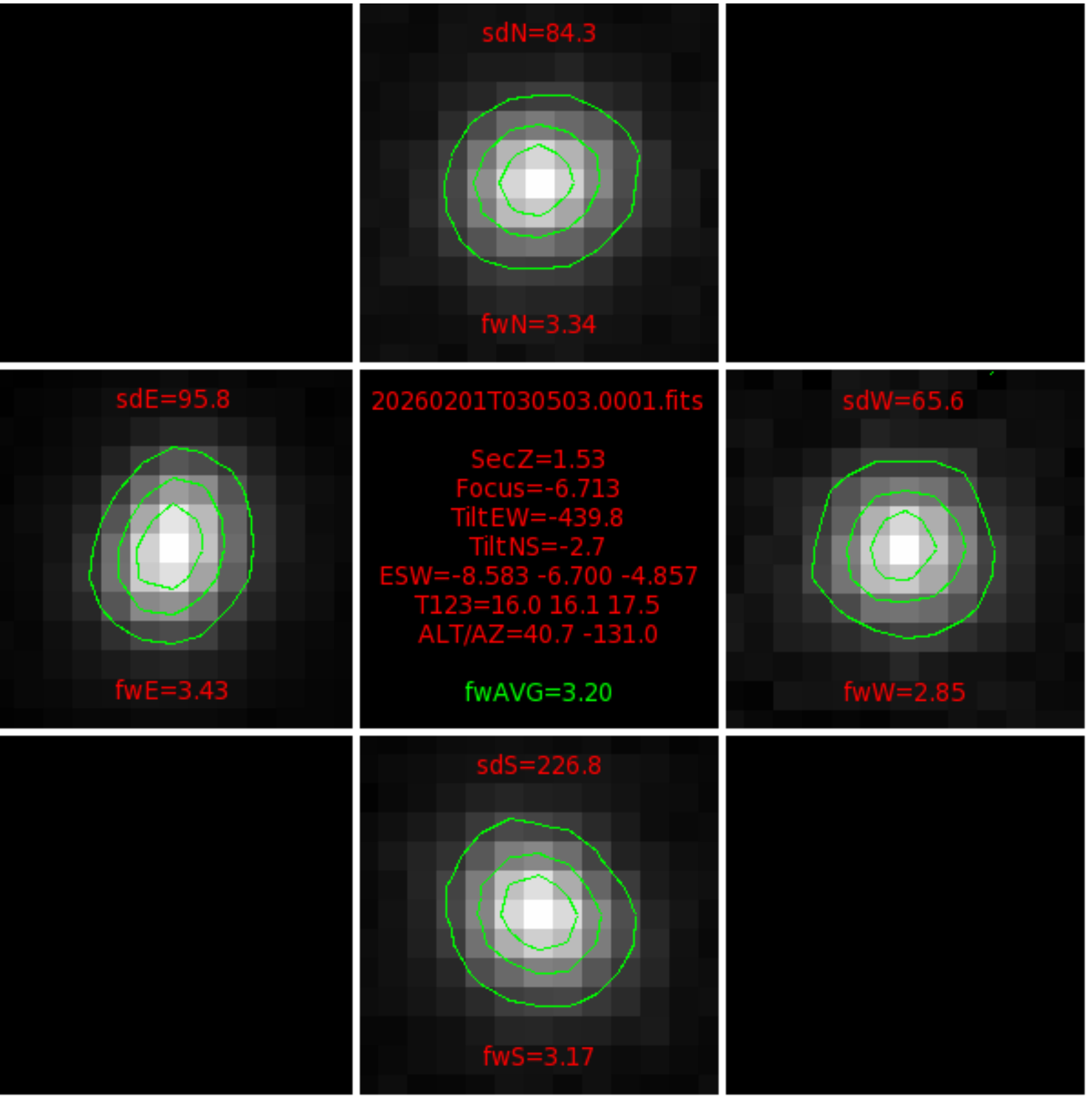
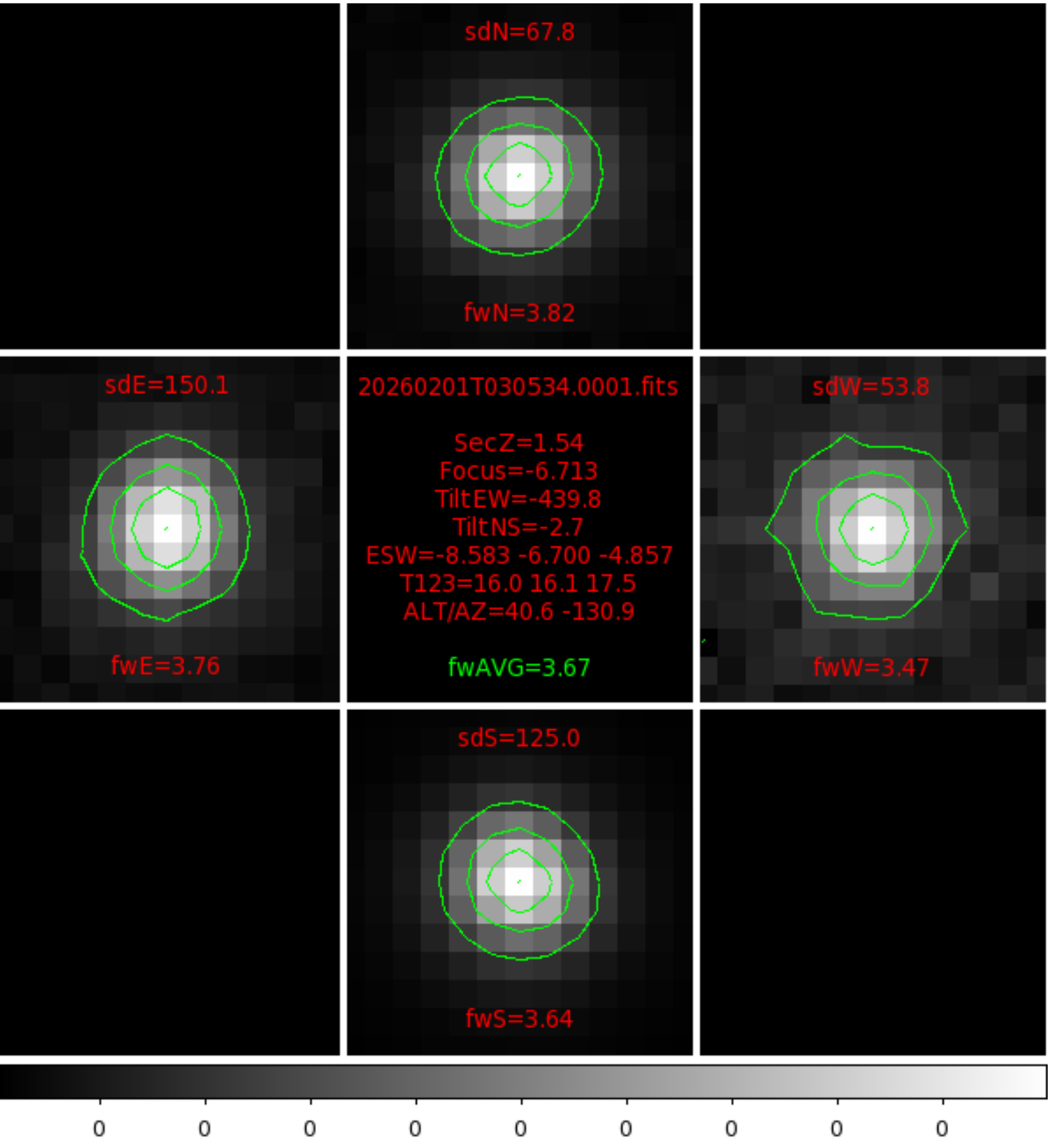

sdN=84.3
fwN=3.34
sdE=95.8
fwE=3.43
20260201T030503.0001.fits
SecZ=1.53
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=16.0 16.1 17.5
ALT/AZ=40.7 -131.0
fwAVG=3.20
sdW=65.6
fwW=2.85
sdS=226.8
fwS=3.17
0 0 0 0 0 0 0 0 0


sdN=67.8
fwN=3.82
sdE=150.1
fwE=3.76
20260201T030534.0001.fits
SecZ=1.54
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=16.0 16.1 17.5
ALT/AZ=40.6 -130.9
fwAVG=3.67
sdW=53.8
fwW=3.47
sdS=125.0
fwS=3.64
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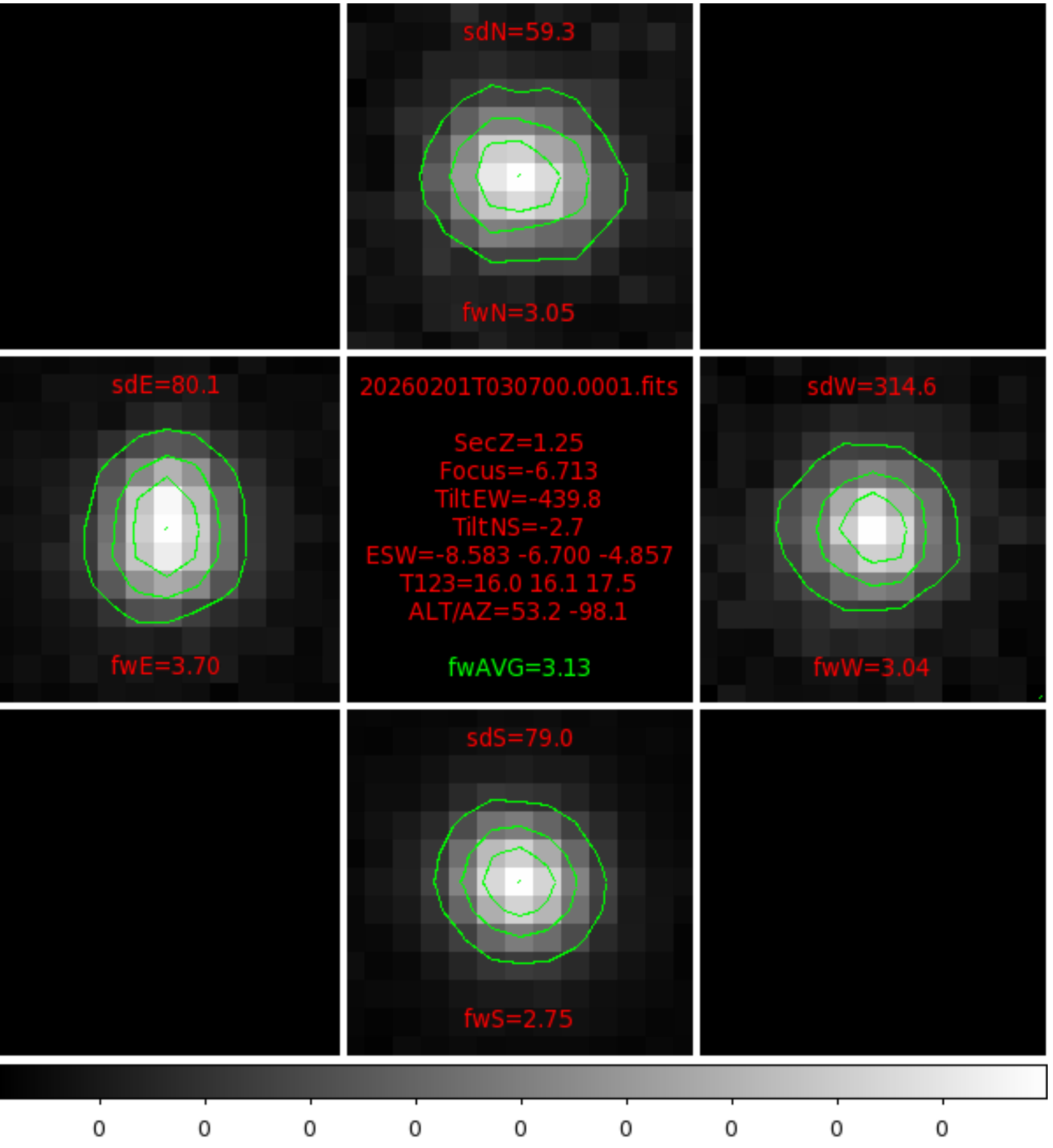
sdN=59.3
fwN=3.05
sdE=80.1
fwE=3.70
20260201T030700.0001.fits
SecZ=1.25
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=16.0 16.1 17.5
ALT/AZ=53.2 -98.1
fwAVG=3.13
sdW=314.6
fwW=3.04
sdS=79.0
fwS=2.75
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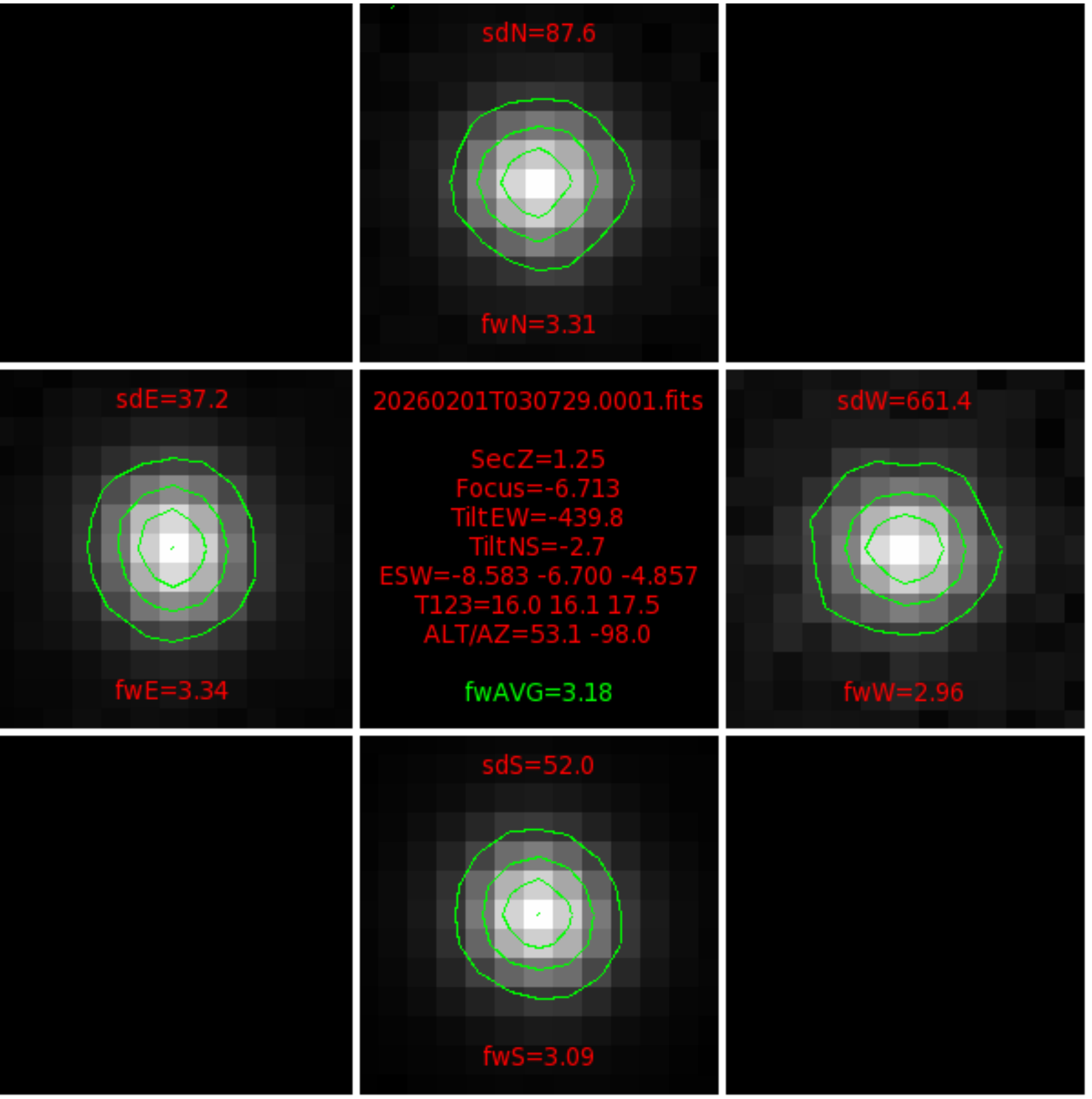
sdN=87.6
fwN=3.31
sdE=37.2
fwE=3.34
20260201T030729.0001.fits
SecZ=1.25
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=16.0 16.1 17.5
ALT/AZ=53.1 -98.0
fwAVG=3.18
sdW=661.4
fwW=2.96
sdS=52.0
fwS=3.09
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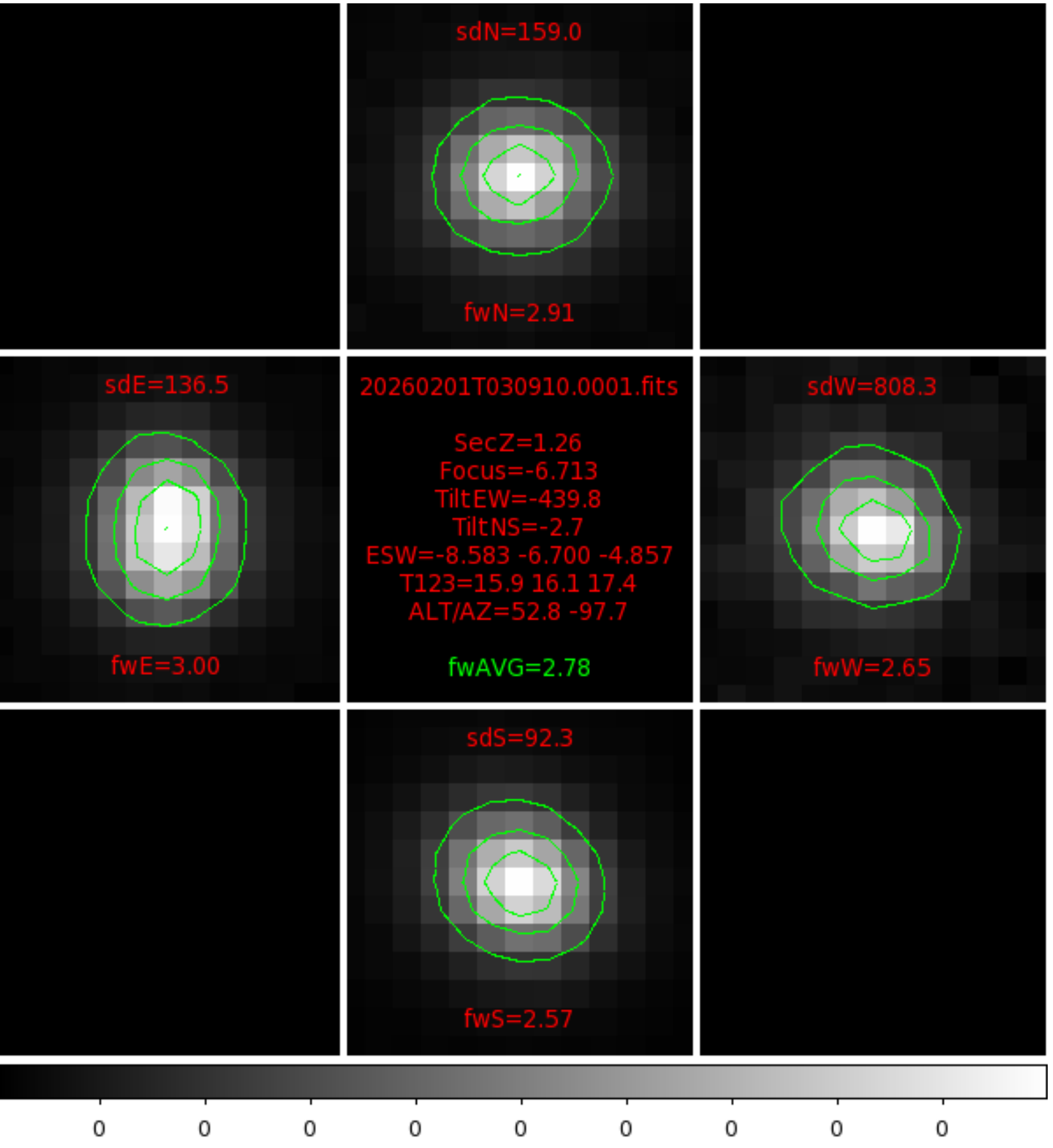
sdN=159.0
fwN=2.91
sdE=136.5
fwE=3.00
20260201T030910.0001.fits
SecZ=1.26
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=15.9 16.1 17.4
ALT/AZ=52.8 -97.7
fwAVG=2.78
sdW=808.3
fwW=2.65
sdS=92.3
fwS=2.57
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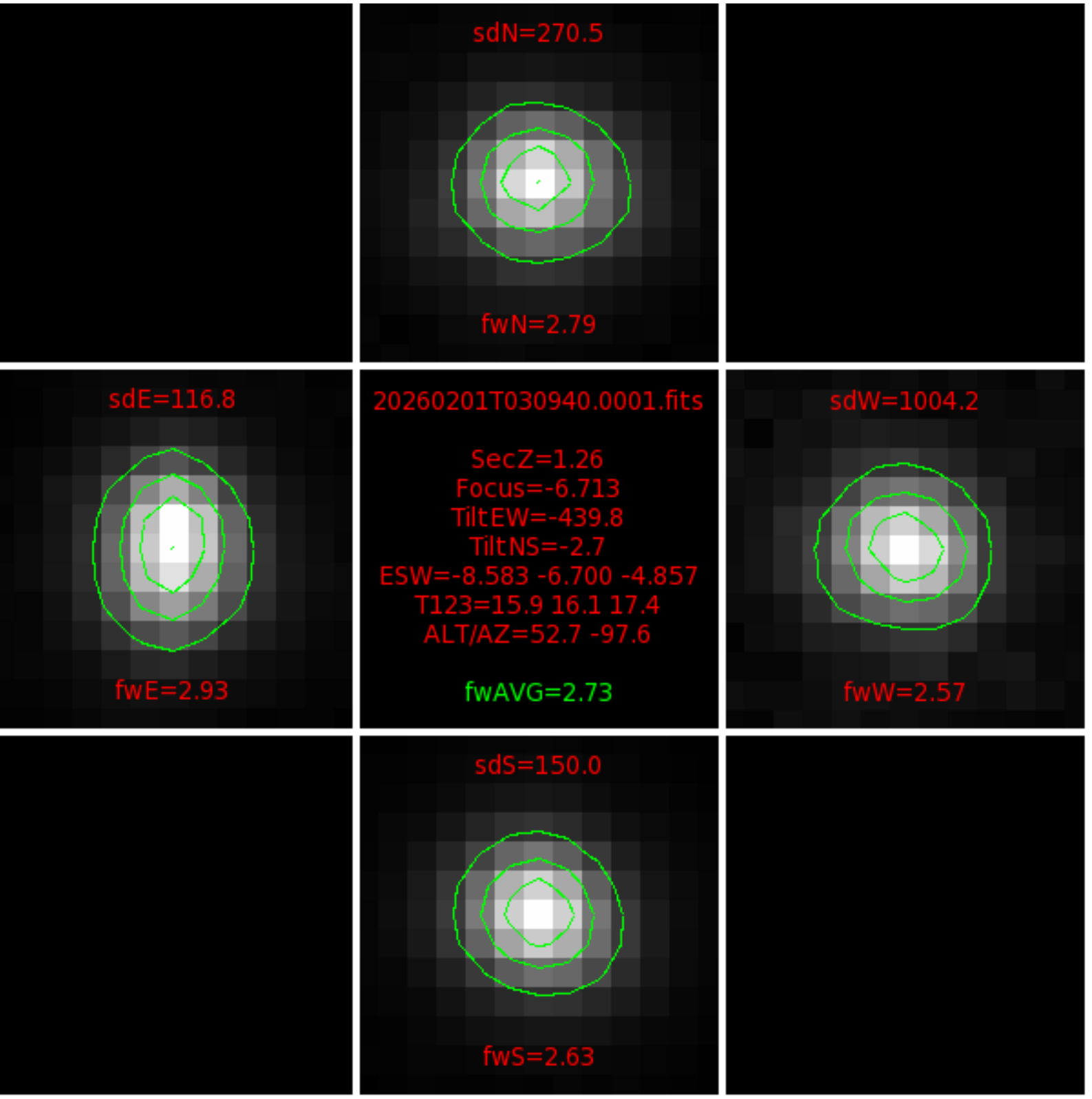
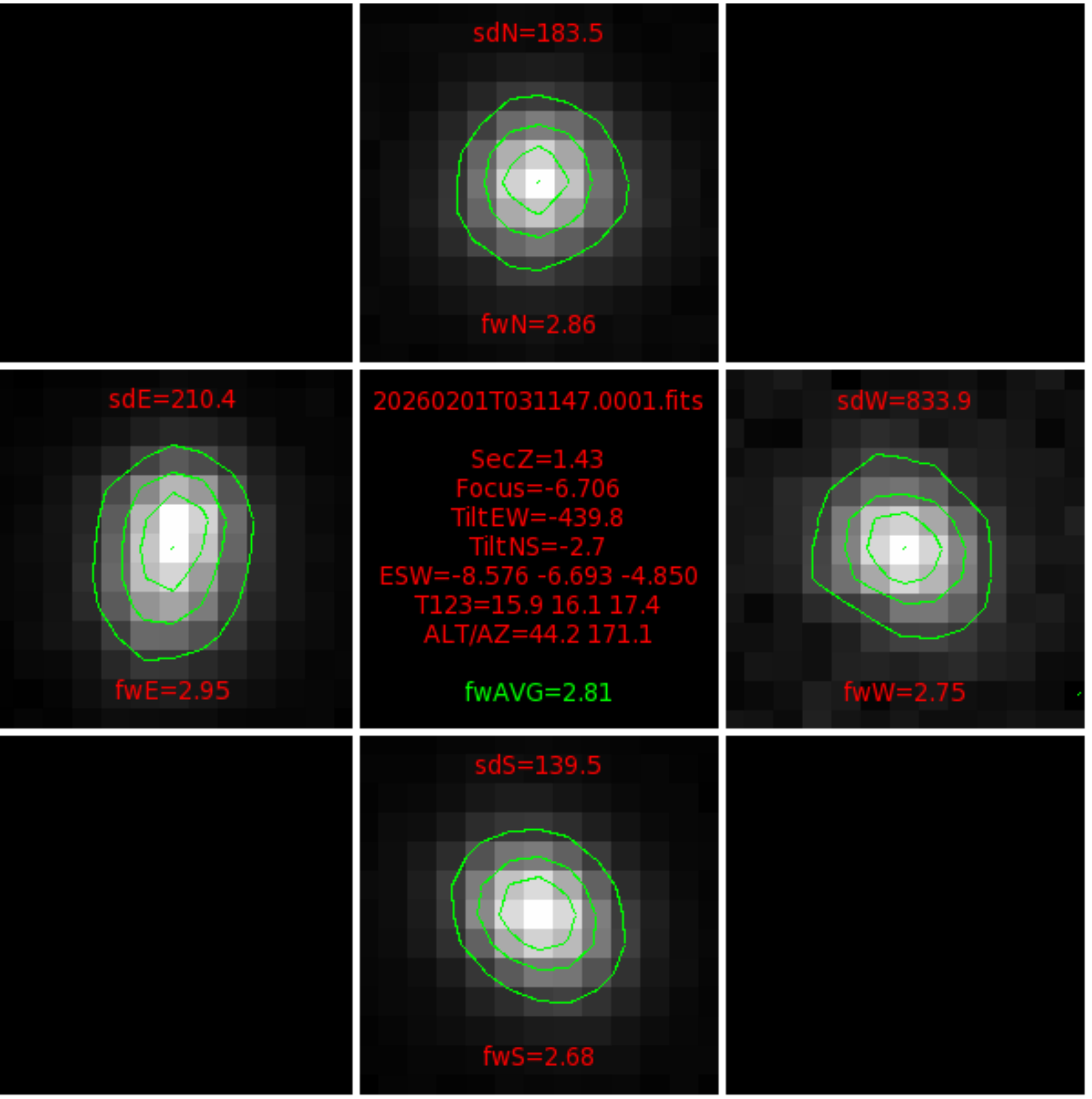

sdN=270.5
fwN=2.79
sdE=116.8
fwE=2.93
20260201T030940.0001.fits
SecZ=1.26
Focus=-6.713
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.583 -6.700 -4.857
T123=15.9 16.1 17.4
ALT/AZ=52.7 -97.6
fwAVG=2.73
sdW=1004.2
fwW=2.57
sdS=150.0
fwS=2.63
0 0 0 0 0 0 0 0 0


sdN=183.5
fwN=2.86
sdE=210.4
fwE=2.95
20260201T031147.0001.fits
SecZ=1.43
Focus=-6.706
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.576 -6.693 -4.850
T123=15.9 16.1 17.4
ALT/AZ=44.2 171.1
fwAVG=2.81
sdW=833.9
fwW=2.75
sdS=139.5
fwS=2.68
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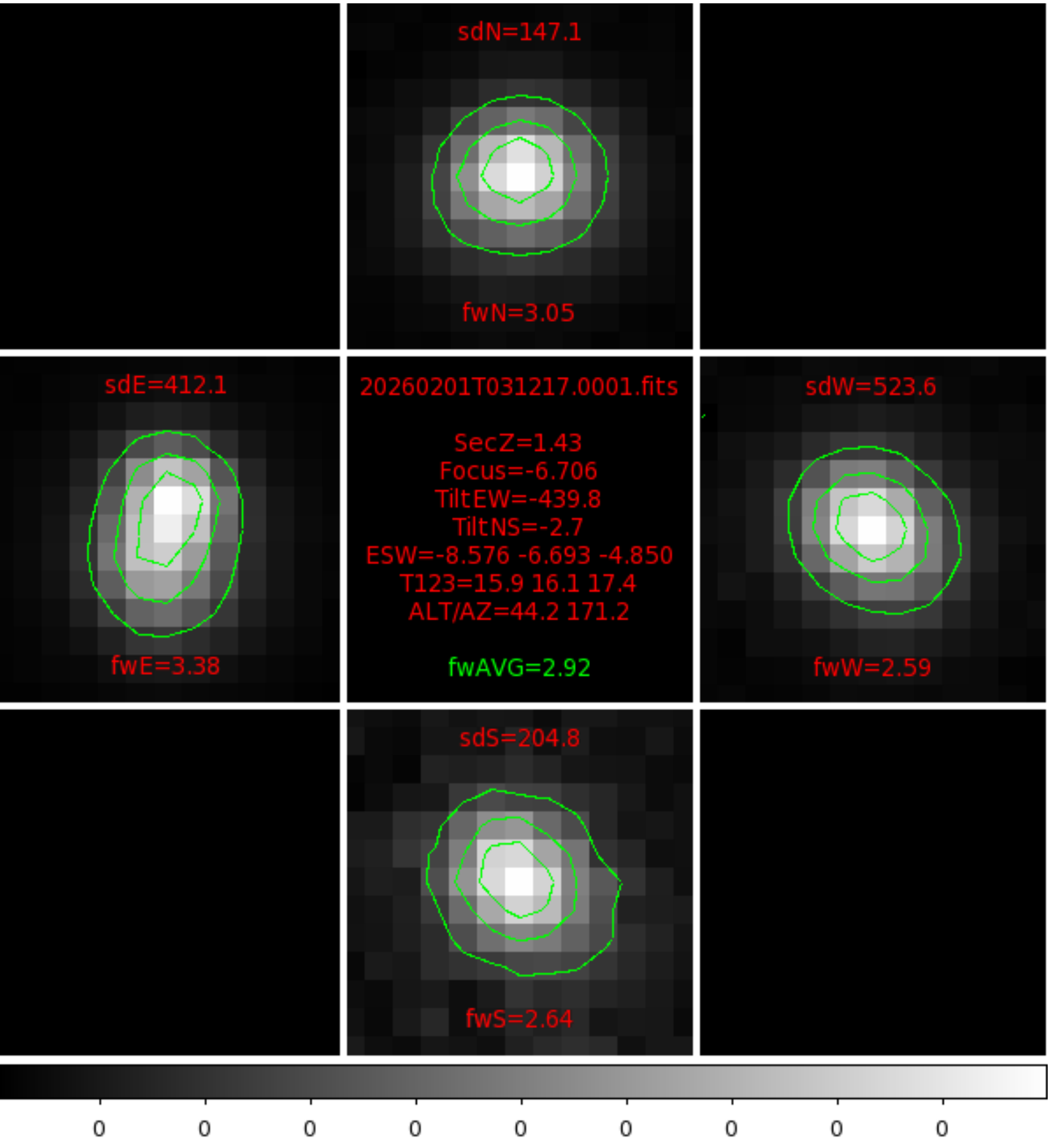
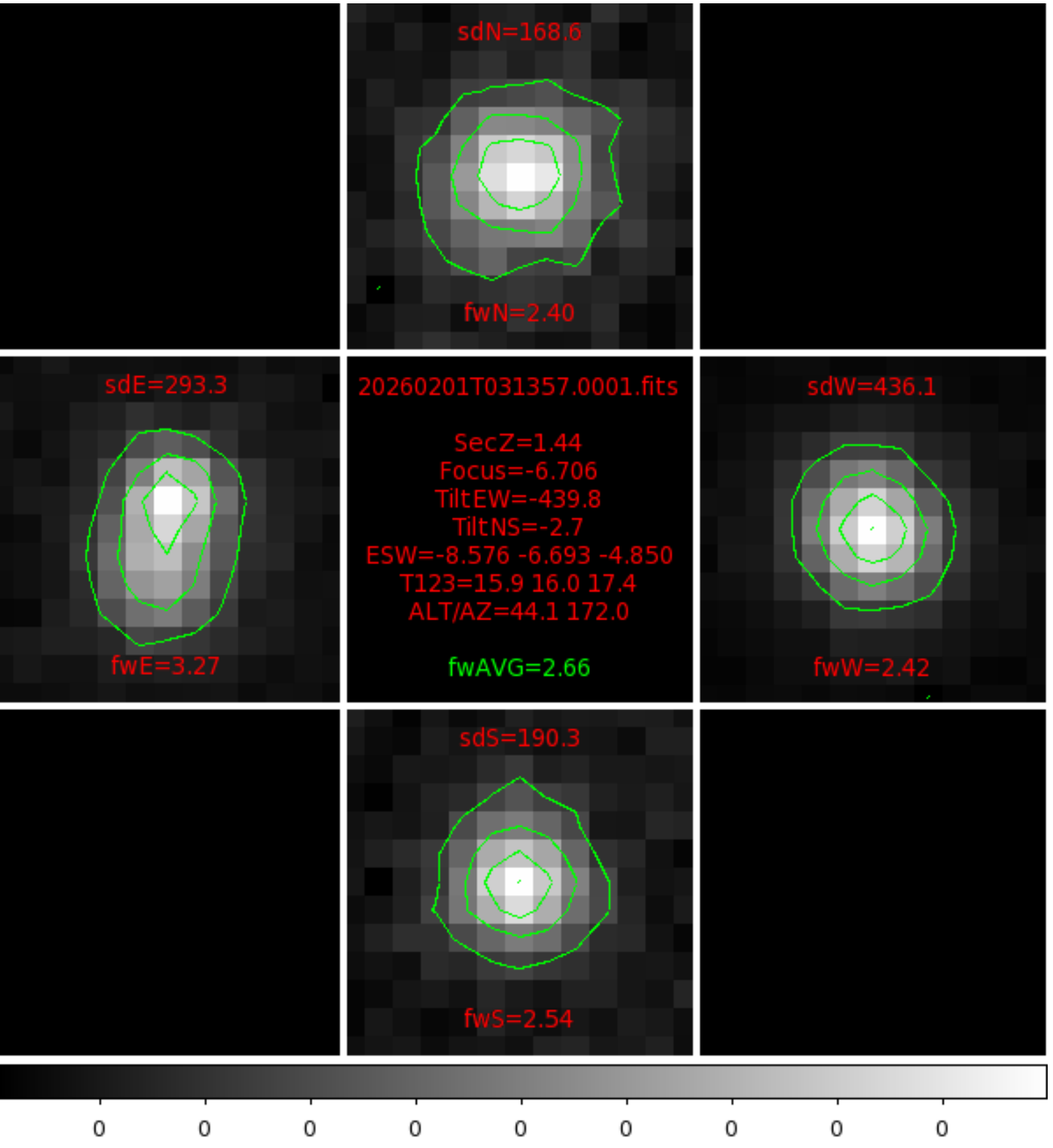
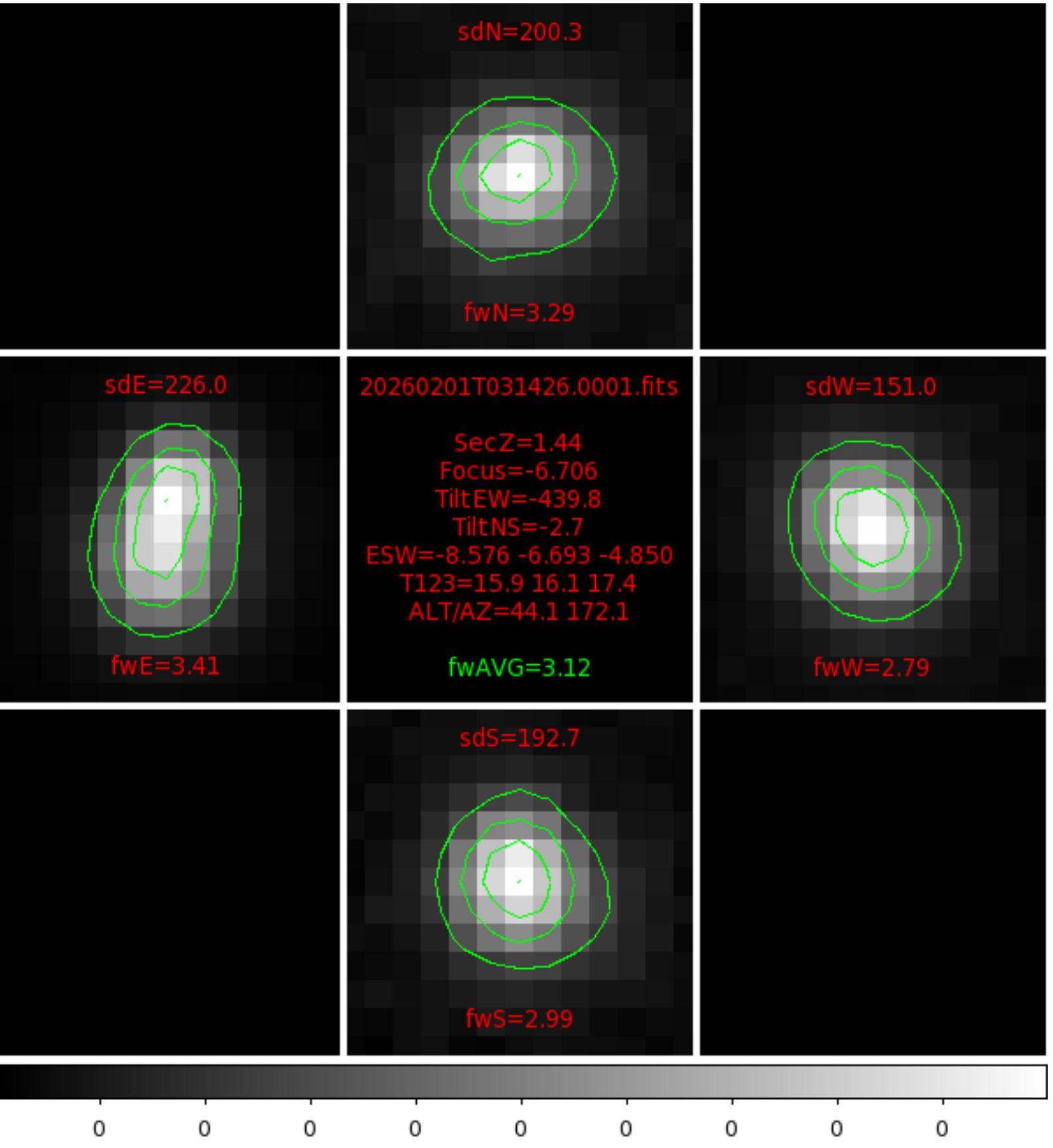
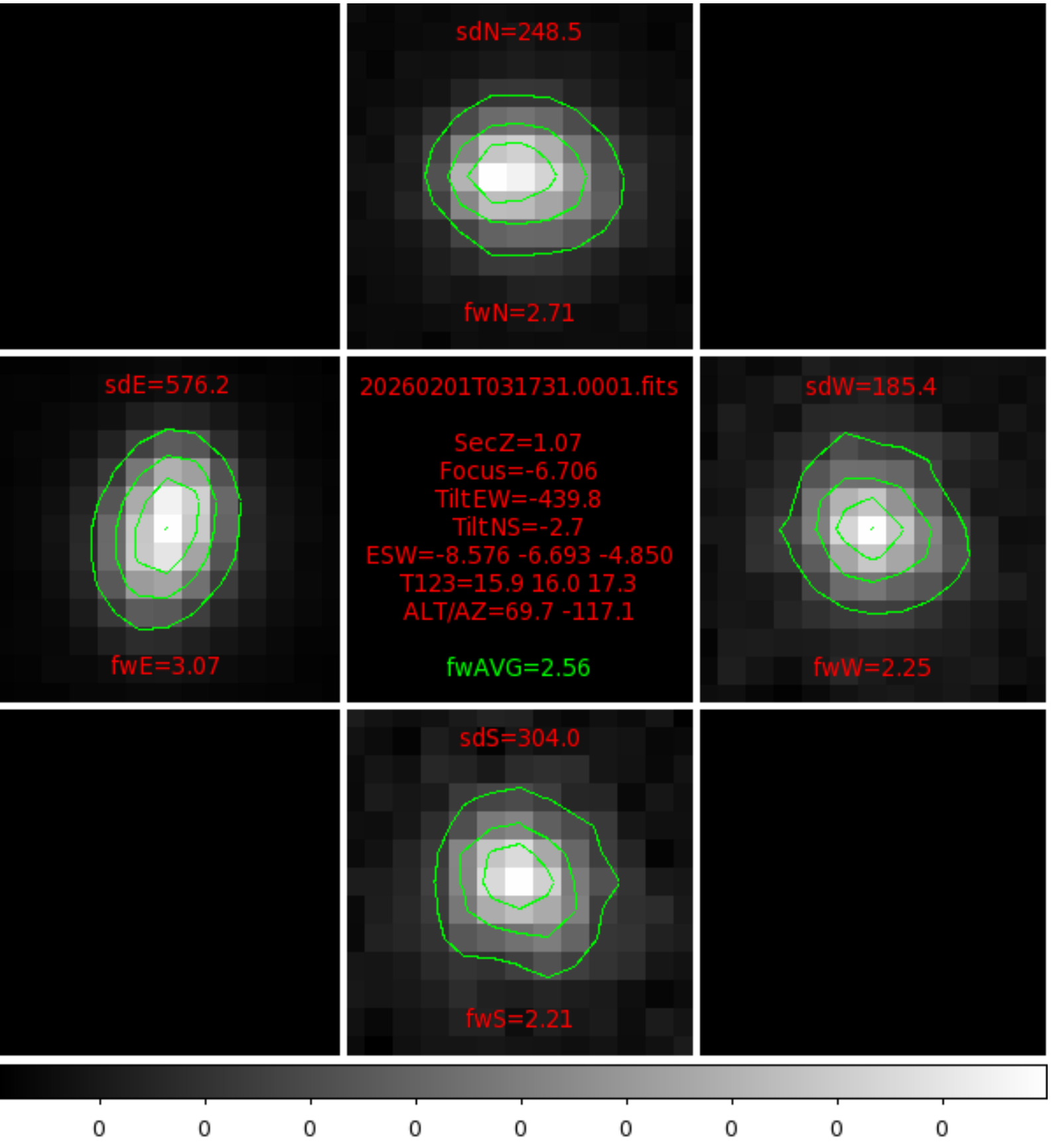

sdN=147.1
fwN=3.05
sdE=412.1
fwE=3.38
20260201T031217.0001.fits
SecZ=1.43
Focus=-6.706
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.576 -6.693 -4.850
T123=15.9 16.1 17.4
ALT/AZ=44.2 171.2
fwAVG=2.92
sdW=523.6
fwW=2.59
sdS=204.8
fwS=2.64
0 0 0 0 0 0 0 0 0


sdN=168.6
fwN=2.40
sdE=293.3
fwE=3.27
20260201T031357.0001.fits
SecZ=1.44
Focus=-6.706
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.576 -6.693 -4.850
T123=15.9 16.0 17.4
ALT/AZ=44.1 172.0
fwAVG=2.66
sdW=436.1
fwW=2.42
sdS=190.3
fwS=2.54
0 0 0 0 0 0 0 0 0


sdN=200.3
fwN=3.29
sdE=226.0
fwE=3.41
20260201T031426.0001.fits
SecZ=1.44
Focus=-6.706
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.576 -6.693 -4.850
T123=15.9 16.1 17.4
ALT/AZ=44.1 172.1
fwAVG=3.12
sdW=151.0
fwW=2.79
sdS=192.7
fwS=2.99
0 0 0 0 0 0 0 0 0


sdN=248.5
fwN=2.71
sdE=576.2
fwE=3.07
20260201T031731.0001.fits
SecZ=1.07
Focus=-6.706
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.576 -6.693 -4.850
T123=15.9 16.0 17.3
ALT/AZ=69.7 -117.1
fwAVG=2.56
sdW=185.4
fwW=2.25
sdS=304.0
fwS=2.21
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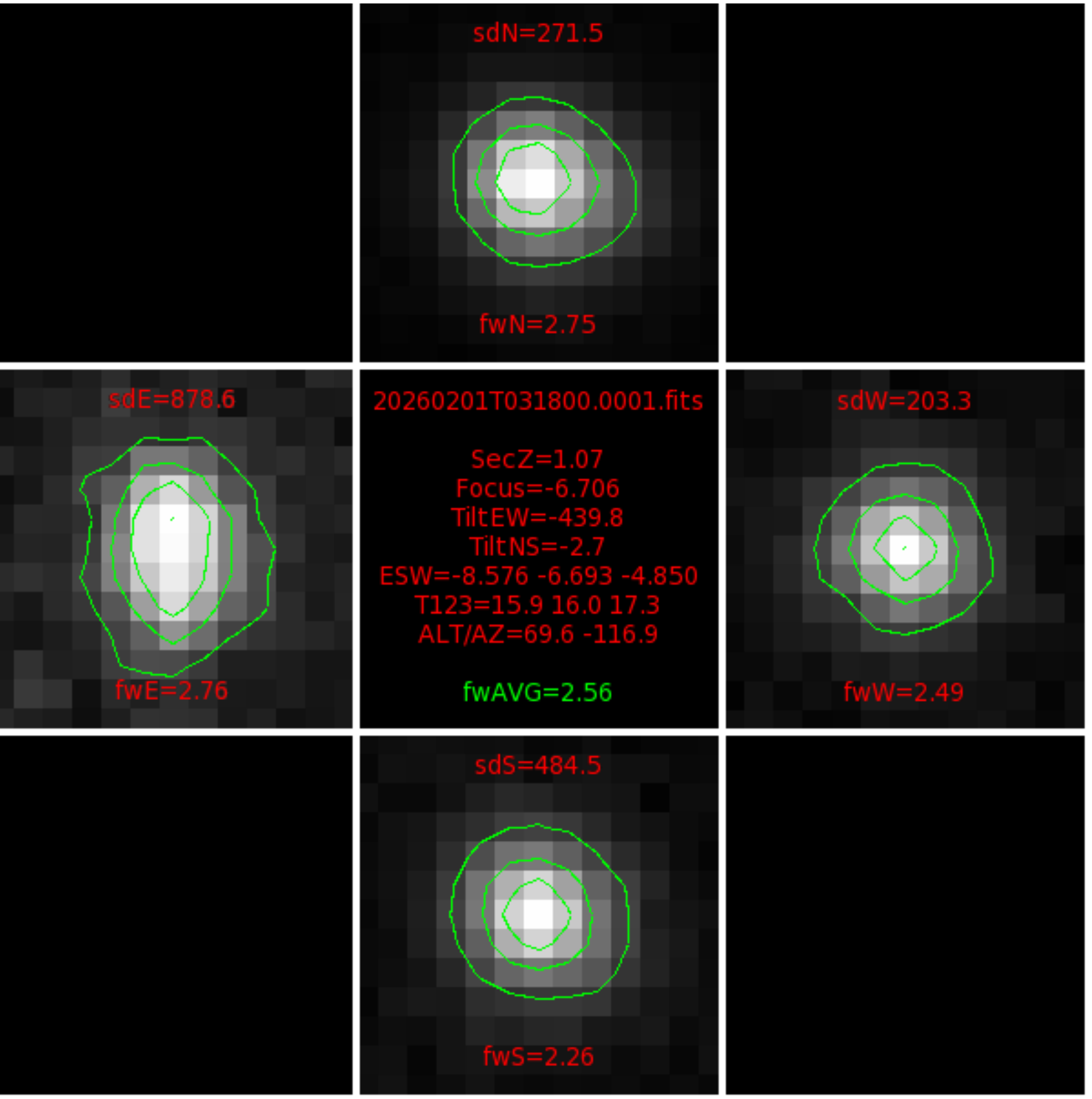
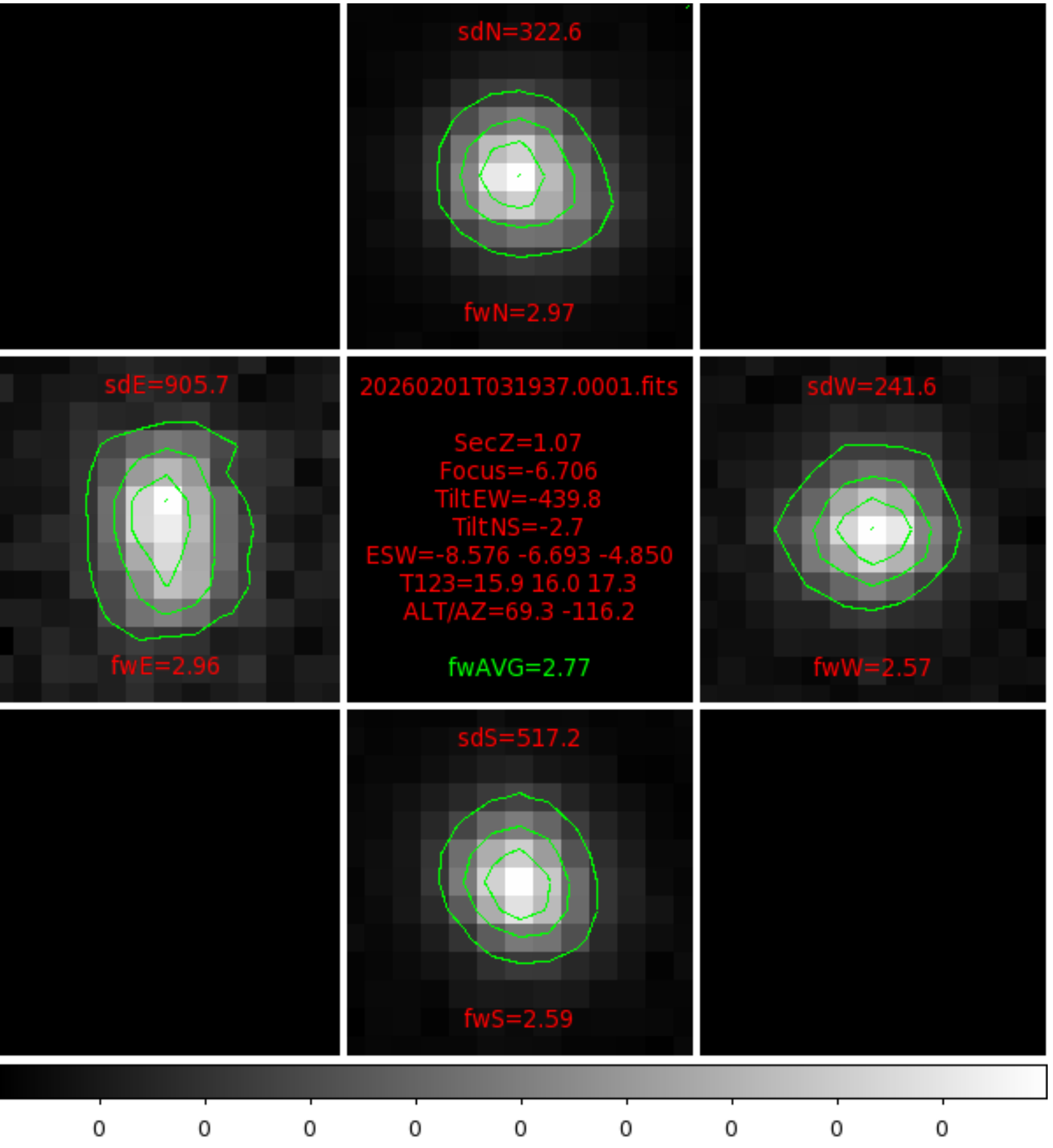

sdN=271.5
fwN=2.75
sdE=878.6
fwE=2.76
20260201T031800.0001.fits
SecZ=1.07
Focus=-6.706
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.576 -6.693 -4.850
T123=15.9 16.0 17.3
ALT/AZ=69.6 -116.9
fwAVG=2.56
sdW=203.3
fwW=2.49
sdS=484.5
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=322.6
fwN=2.97
sdE=905.7
fwE=2.96
20260201T031937.0001.fits
SecZ=1.07
Focus=-6.706
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.576 -6.693 -4.850
T123=15.9 16.0 17.3
ALT/AZ=69.3 -116.2
fwAVG=2.77
sdW=241.6
fwW=2.57
sdS=517.2
fwS=2.59
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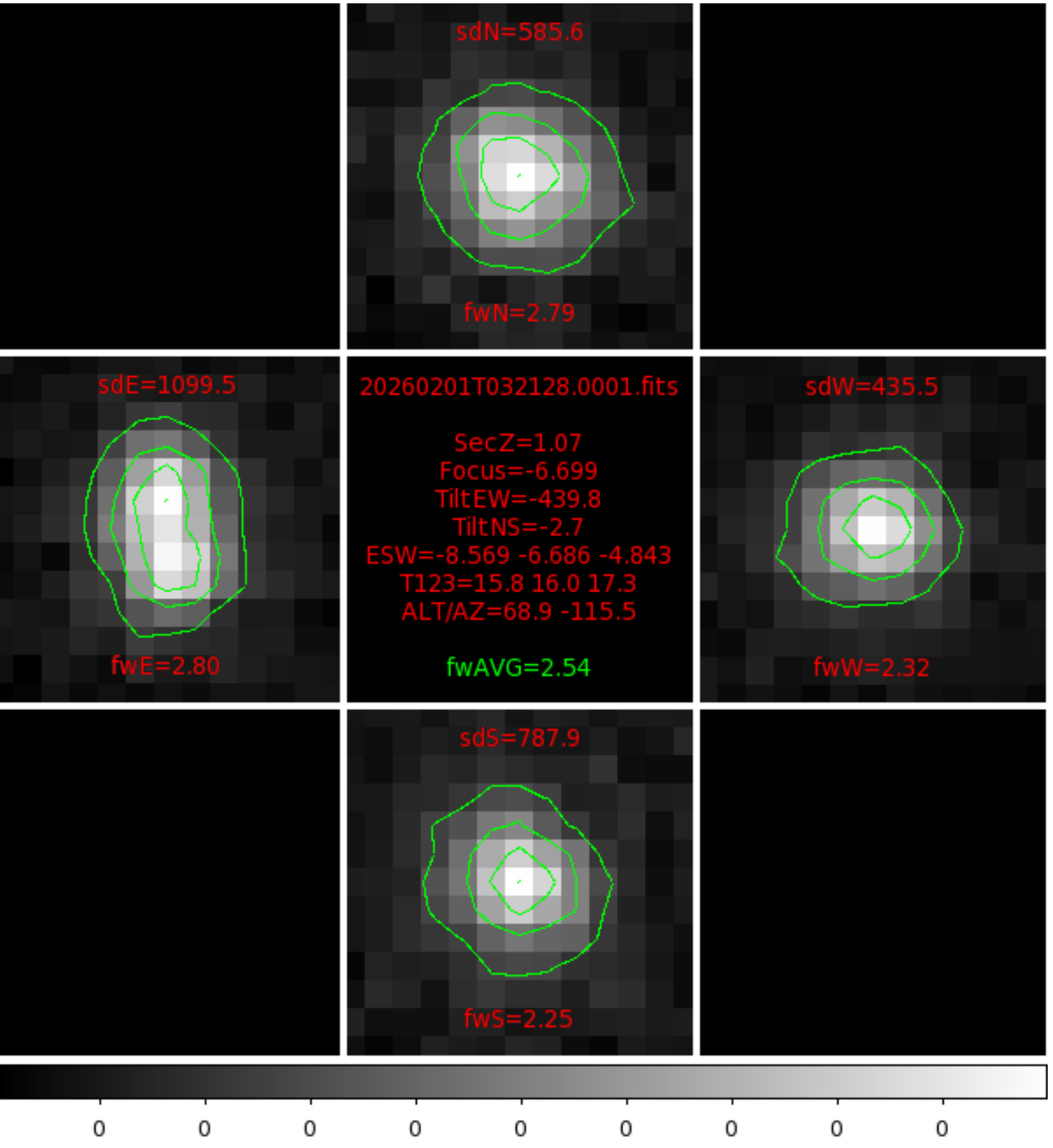
sdN=585.6
fwN=2.79
sdE=1099.5
fwE=2.80
20260201T032128.0001.fits
SecZ=1.07
Focus=-6.699
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.569 -6.686 -4.843
T123=15.8 16.0 17.3
ALT/AZ=68.9 -115.5
fwAVG=2.54
sdW=435.5
fwW=2.32
sdS=787.9
fwS=2.25
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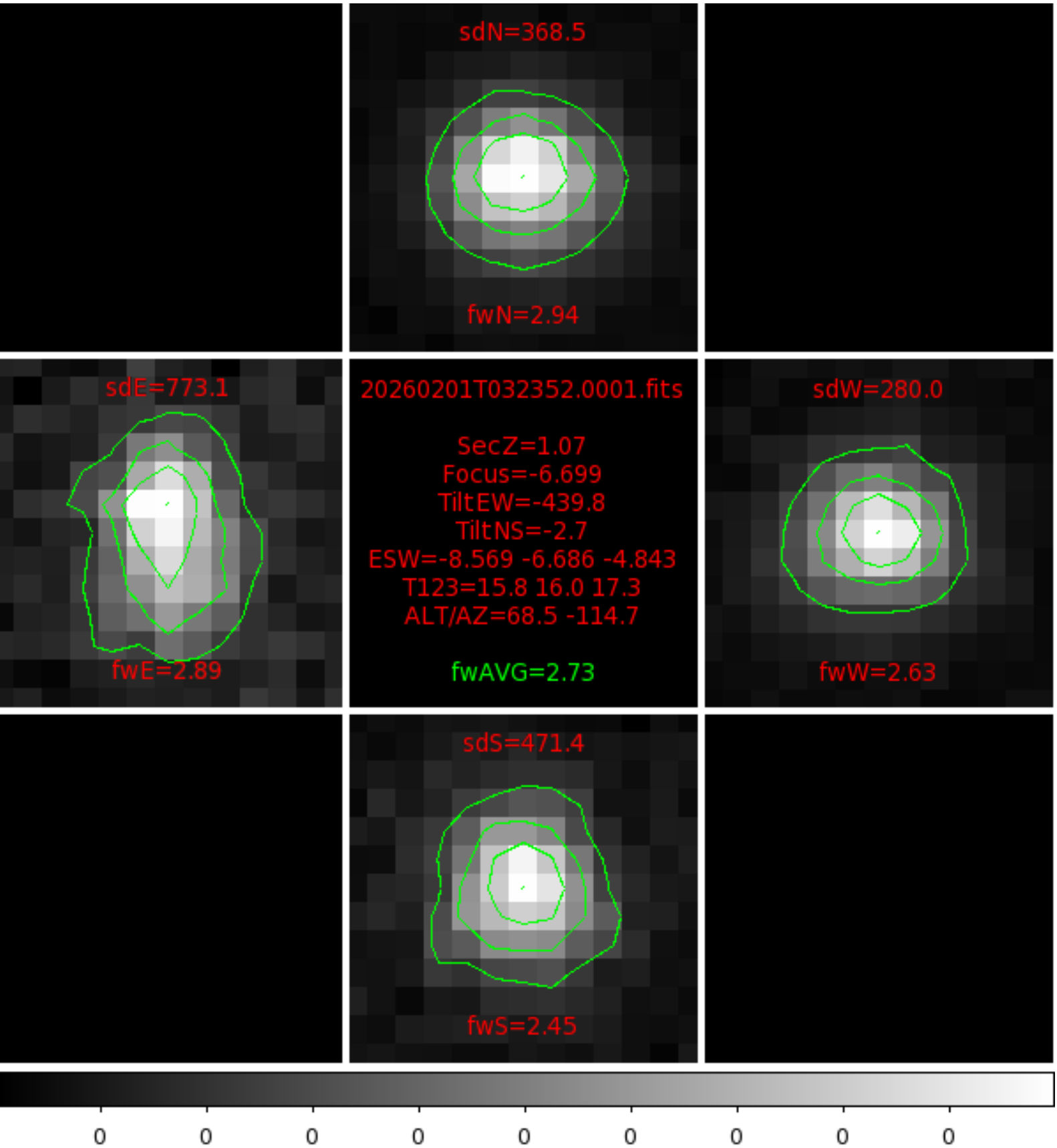
sdN=368.5
fwN=2.94
sdE=773.1
fwE=2.89
20260201T032352.0001.fits
SecZ=1.07
Focus=-6.699
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.569 -6.686 -4.843
T123=15.8 16.0 17.3
ALT/AZ=68.5 -114.7
fwAVG=2.73
sdW=280.0
fwW=2.63
sdS=471.4
fwS=2.45
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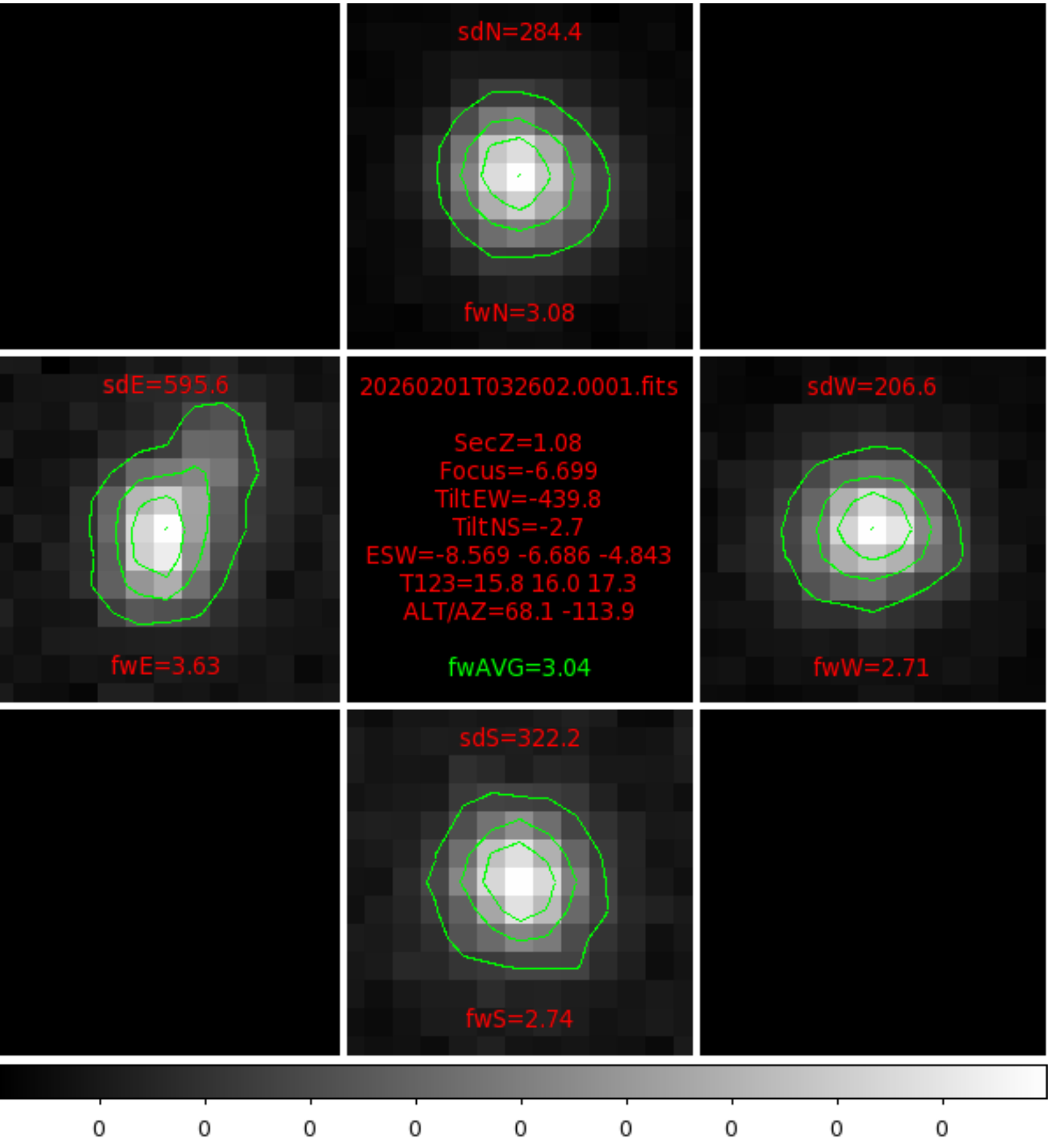
sdN=284.4
fwN=3.08
sdE=595.6
fwE=3.63
20260201T032602.0001.fits
SecZ=1.08
Focus=-6.699
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.569 -6.686 -4.843
T123=15.8 16.0 17.3
ALT/AZ=68.1 -113.9
fwAVG=3.04
sdW=206.6
fwW=2.71
sdS=322.2
fwS=2.74
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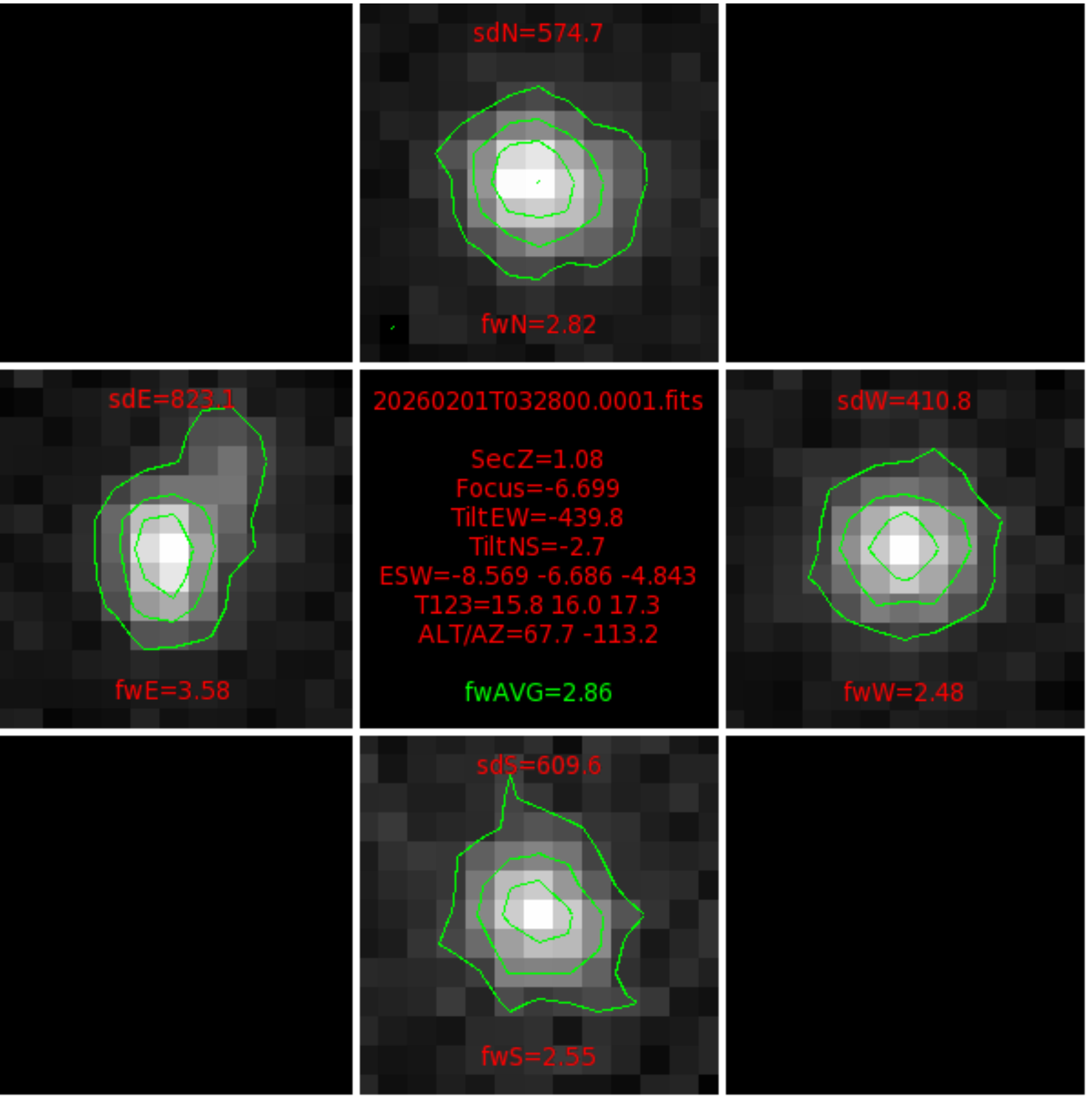
sdN=574.7
fwN=2.82
sdE=823.1
fwE=3.58
20260201T032800.0001.fits
SecZ=1.08
Focus=-6.699
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.569 -6.686 -4.843
T123=15.8 16.0 17.3
ALT/AZ=67.7 -113.2
fwAVG=2.86
sdW=410.8
fwW=2.48
sdS=609.6
fwS=2.55
0 0 0 0 0 0 0 0 0