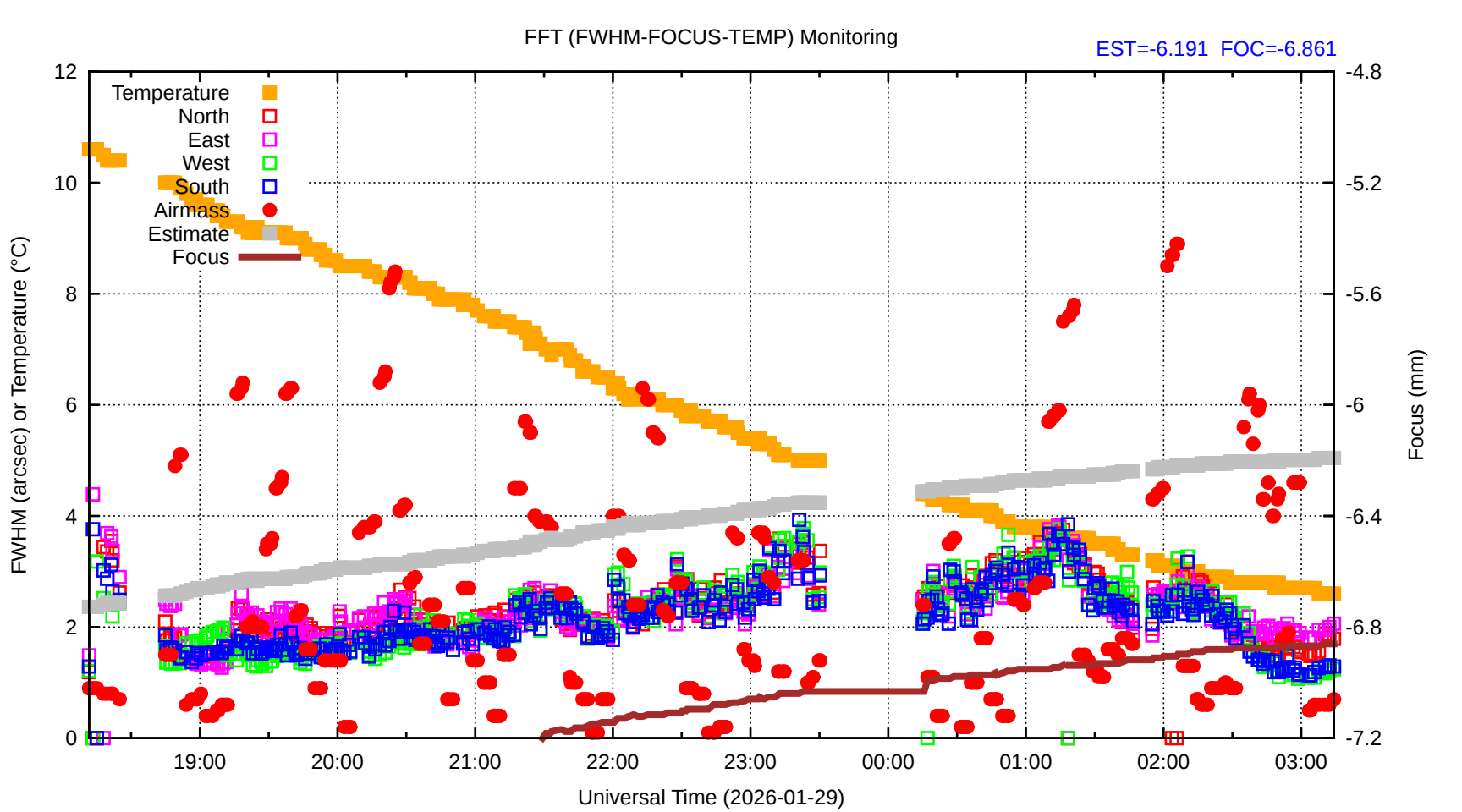
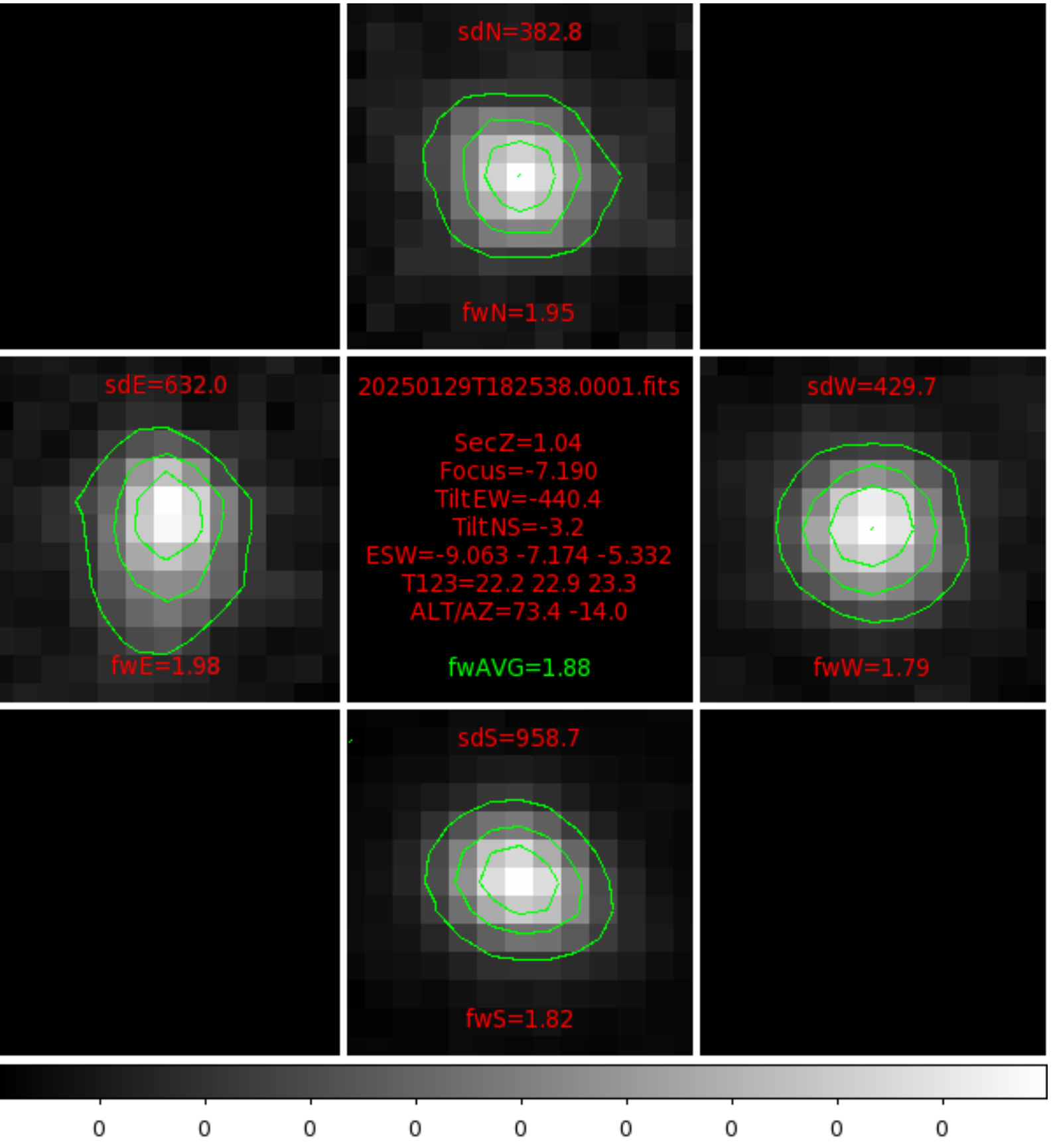
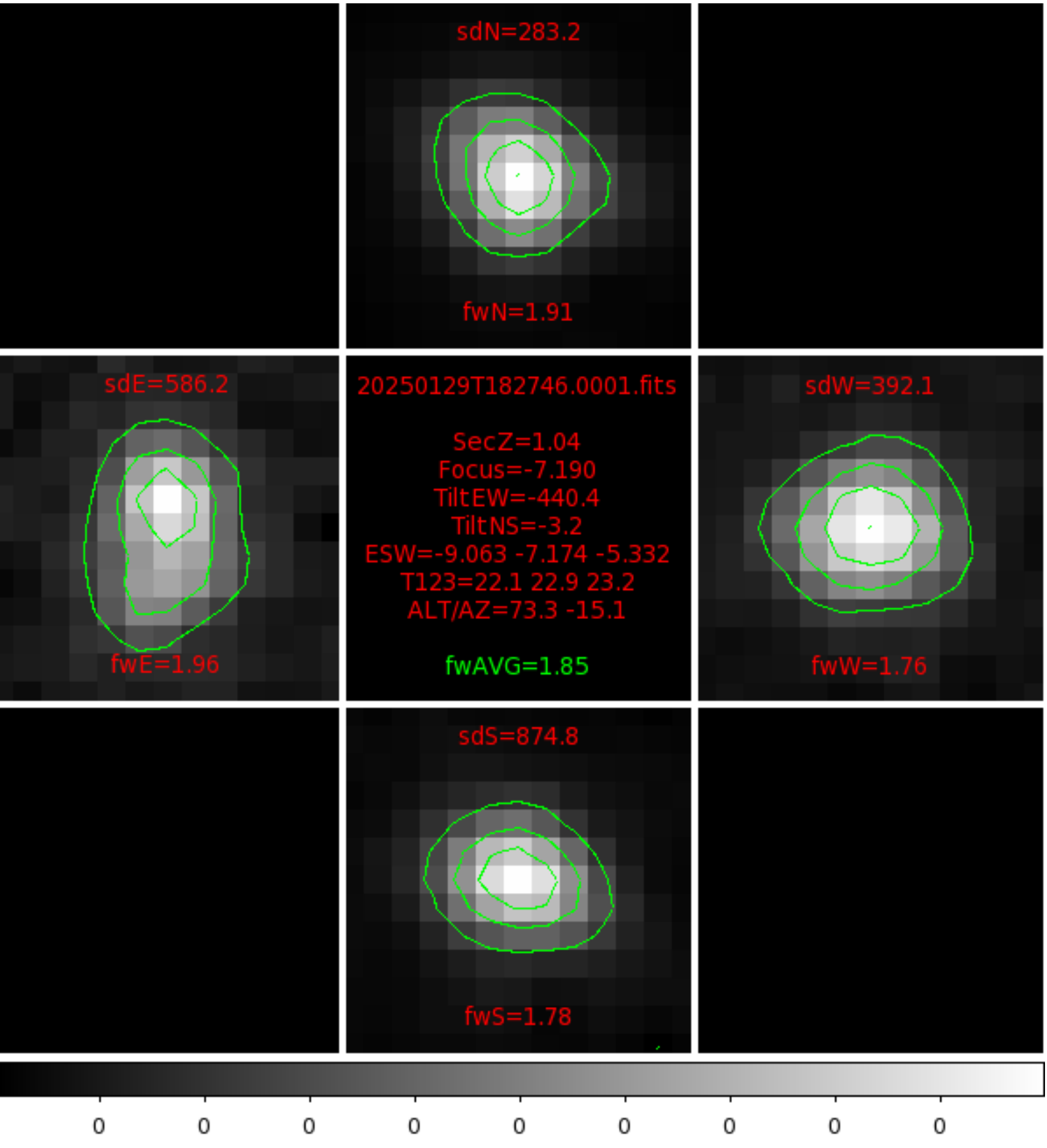
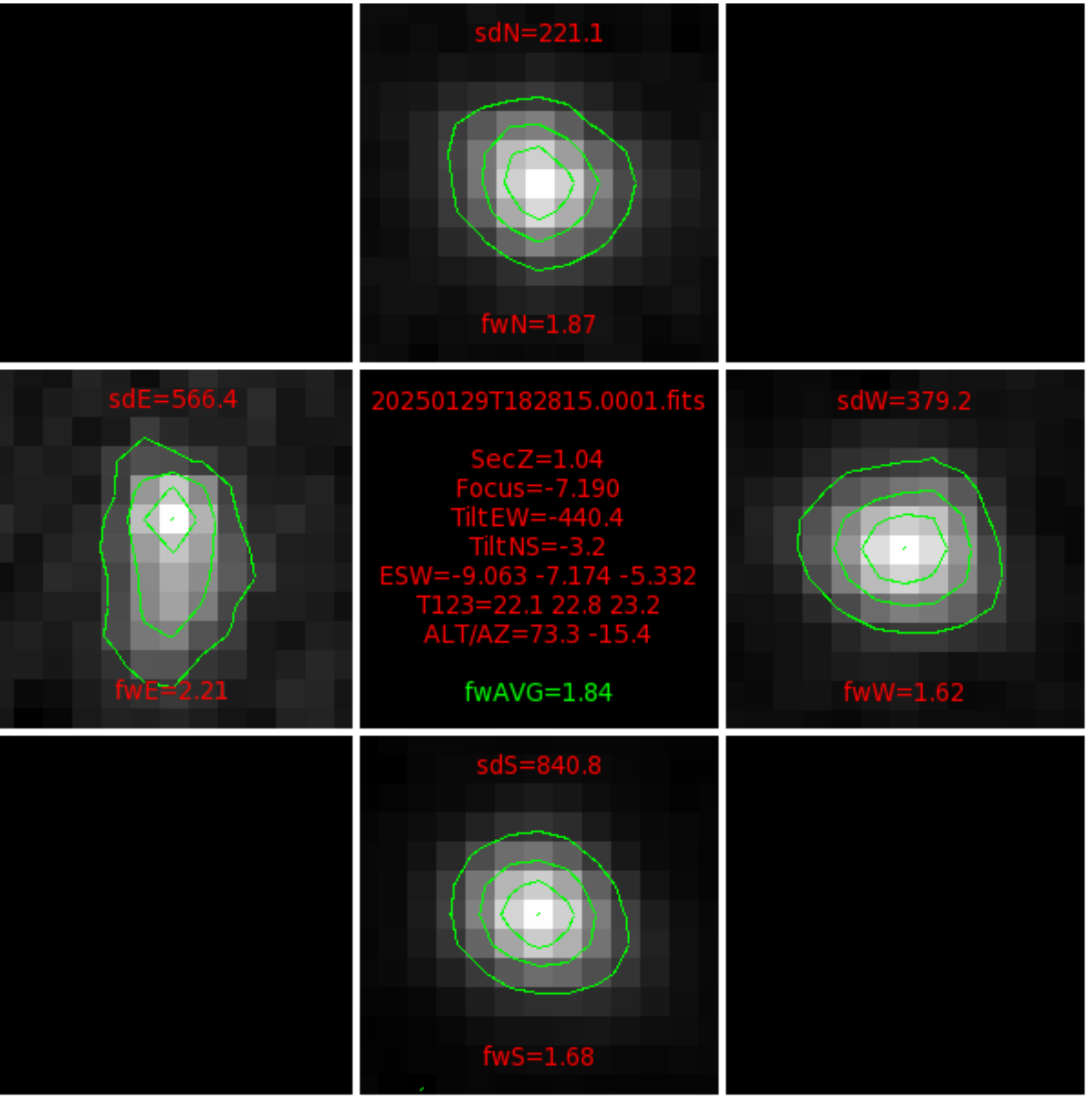

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-6.191 FOC=-6.861
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2026-01-29)
0
2
4
6
8
10
12
-4.8
-5.2
-5.6
-6
-6.4
-6.8
-7.2
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
03:00


sdN=382.8
fwN=1.95
sdE=632.0
fwE=1.98
20250129T182538.0001.fits
SecZ=1.04
Focus=-7.190
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.063 -7.174 -5.332
T123=22.2 22.9 23.3
ALT/AZ=73.4 -14.0
fwAVG=1.88
sdW=429.7
fwW=1.79
sdS=958.7
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=283.2
fwN=1.91
sdE=586.2
fwE=1.96
20250129T182746.0001.fits
SecZ=1.04
Focus=-7.190
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.063 -7.174 -5.332
T123=22.1 22.9 23.2
ALT/AZ=73.3 -15.1
fwAVG=1.85
sdW=392.1
fwW=1.76
sdS=874.8
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=221.1
fwN=1.87
sdE=566.4
fwE=2.21
20250129T182815.0001.fits
SecZ=1.04
Focus=-7.190
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.063 -7.174 -5.332
T123=22.1 22.8 23.2
ALT/AZ=73.3 -15.4
fwAVG=1.84
sdW=379.2
fwW=1.62
sdS=840.8
fwS=1.68
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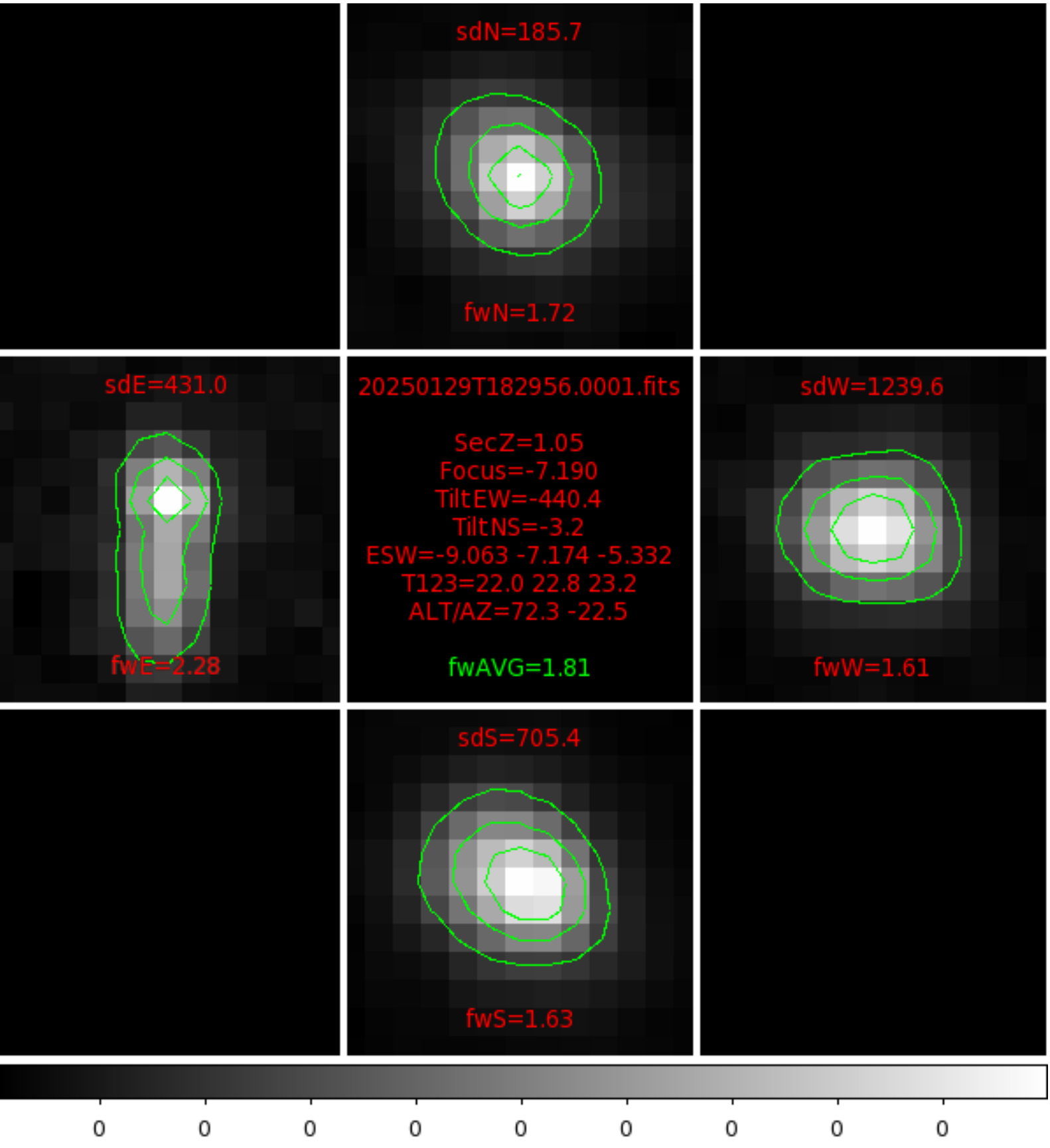
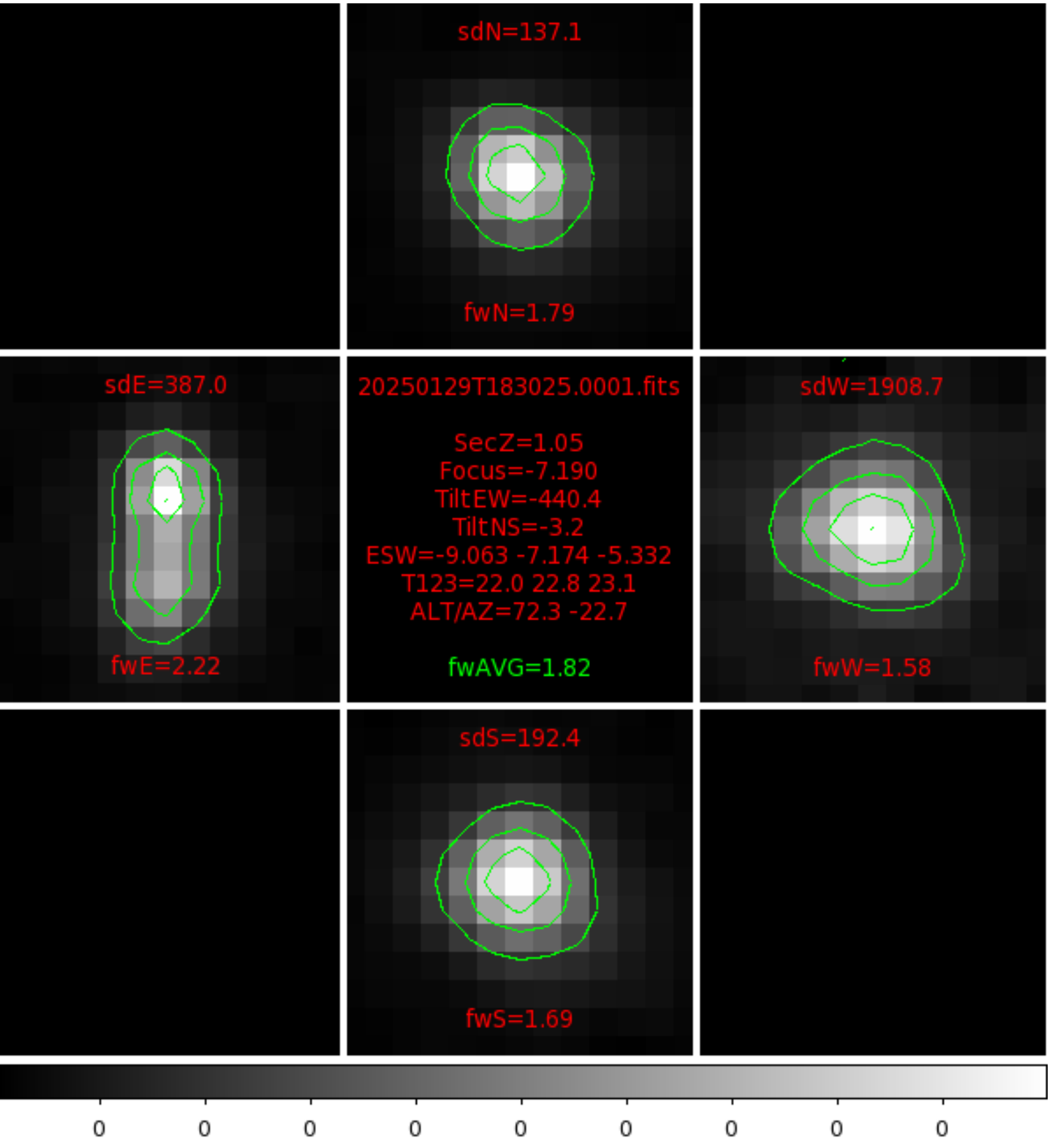

sdN=185.7
fwN=1.72
sdE=431.0
fwE=2.28
20250129T182956.0001.fits
SecZ=1.05
Focus=-7.190
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.063 -7.174 -5.332
T123=22.0 22.8 23.2
ALT/AZ=72.3 -22.5
fwAVG=1.81
sdW=1239.6
fwW=1.61
sdS=705.4
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=137.1
fwN=1.79
sdE=387.0
fwE=2.22
20250129T183025.0001.fits
SecZ=1.05
Focus=-7.190
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.063 -7.174 -5.332
T123=22.0 22.8 23.1
ALT/AZ=72.3 -22.7
fwAVG=1.82
sdW=1908.7
fwW=1.58
sdS=192.4
fwS=1.69
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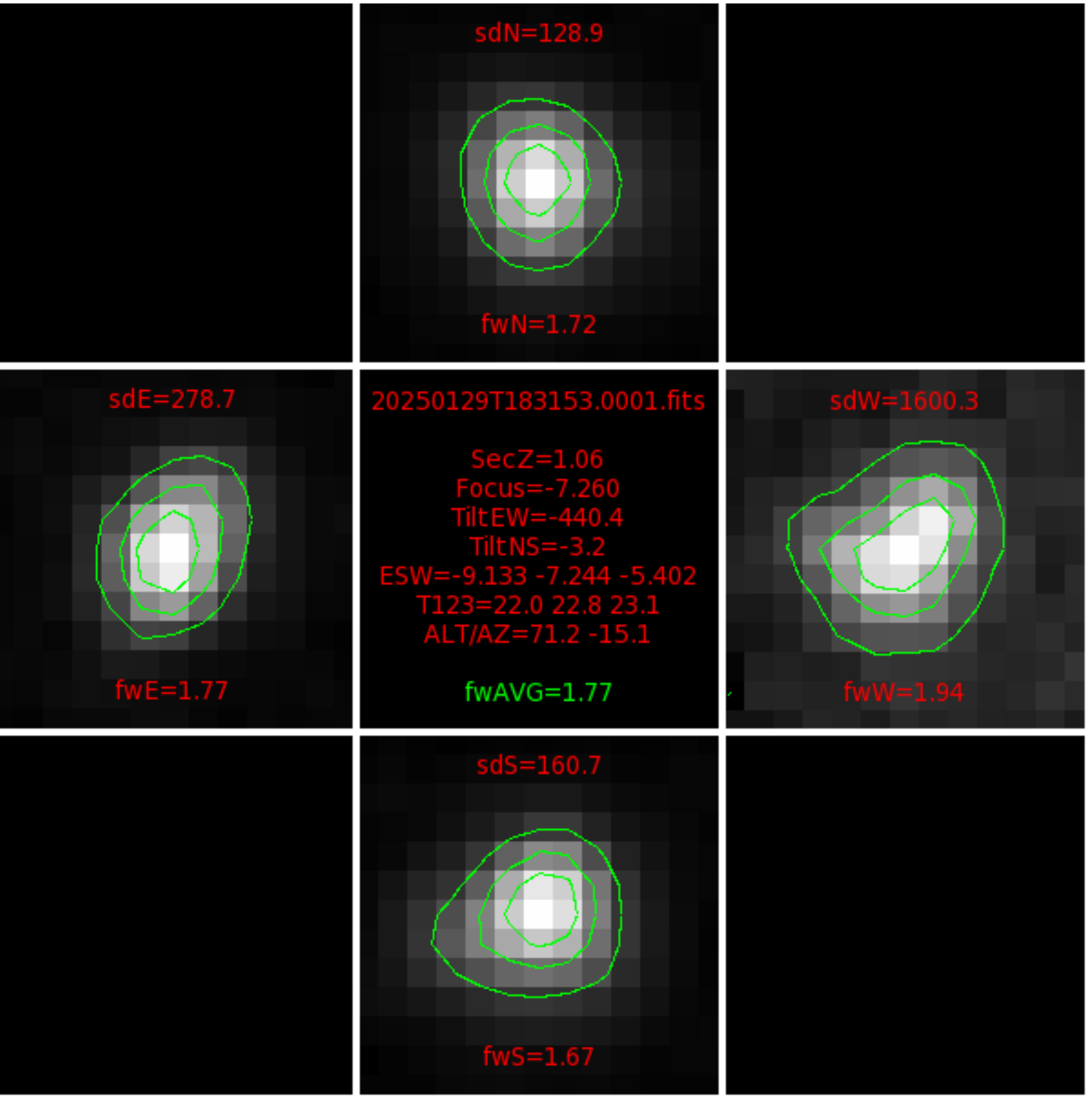
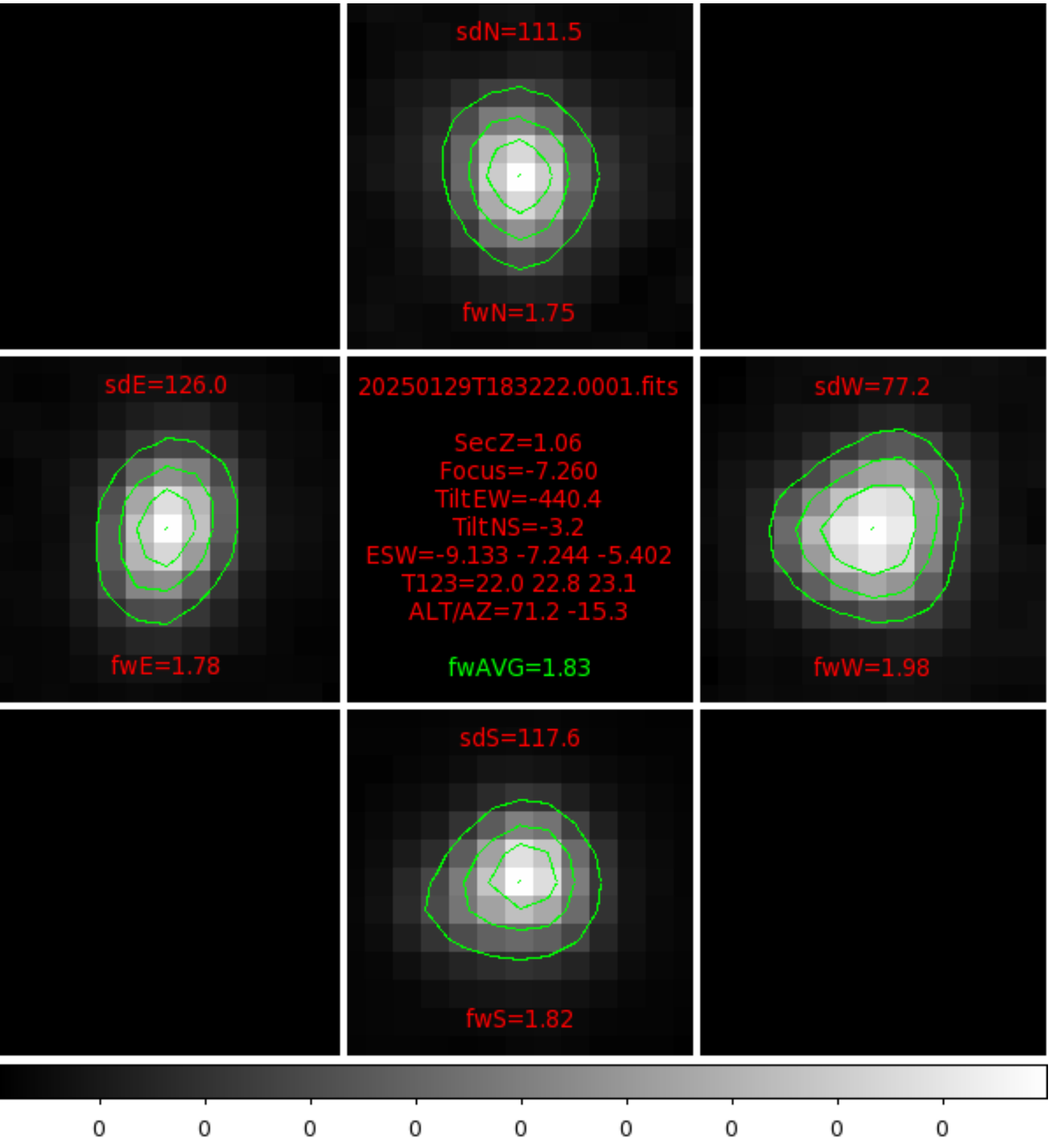
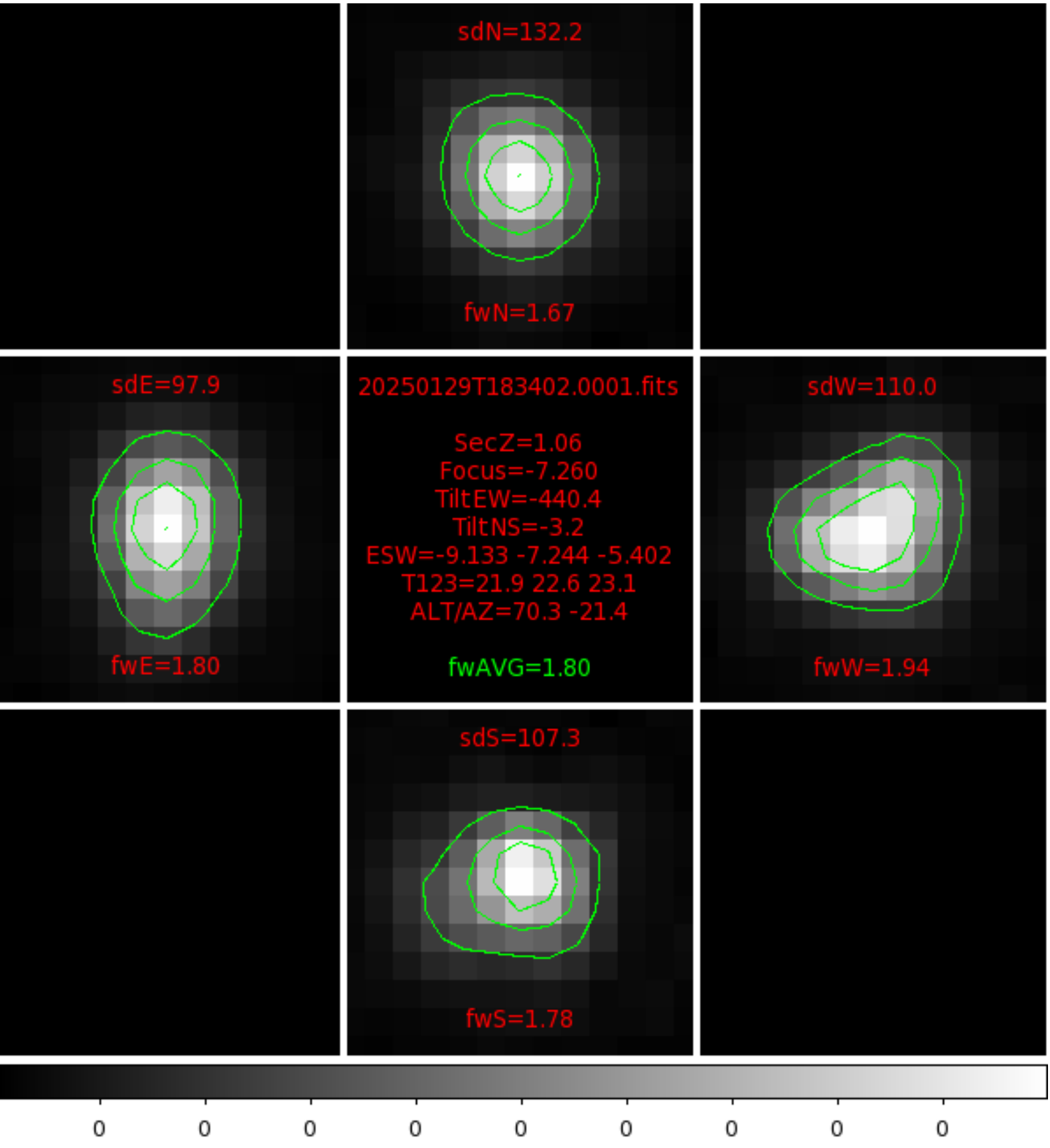
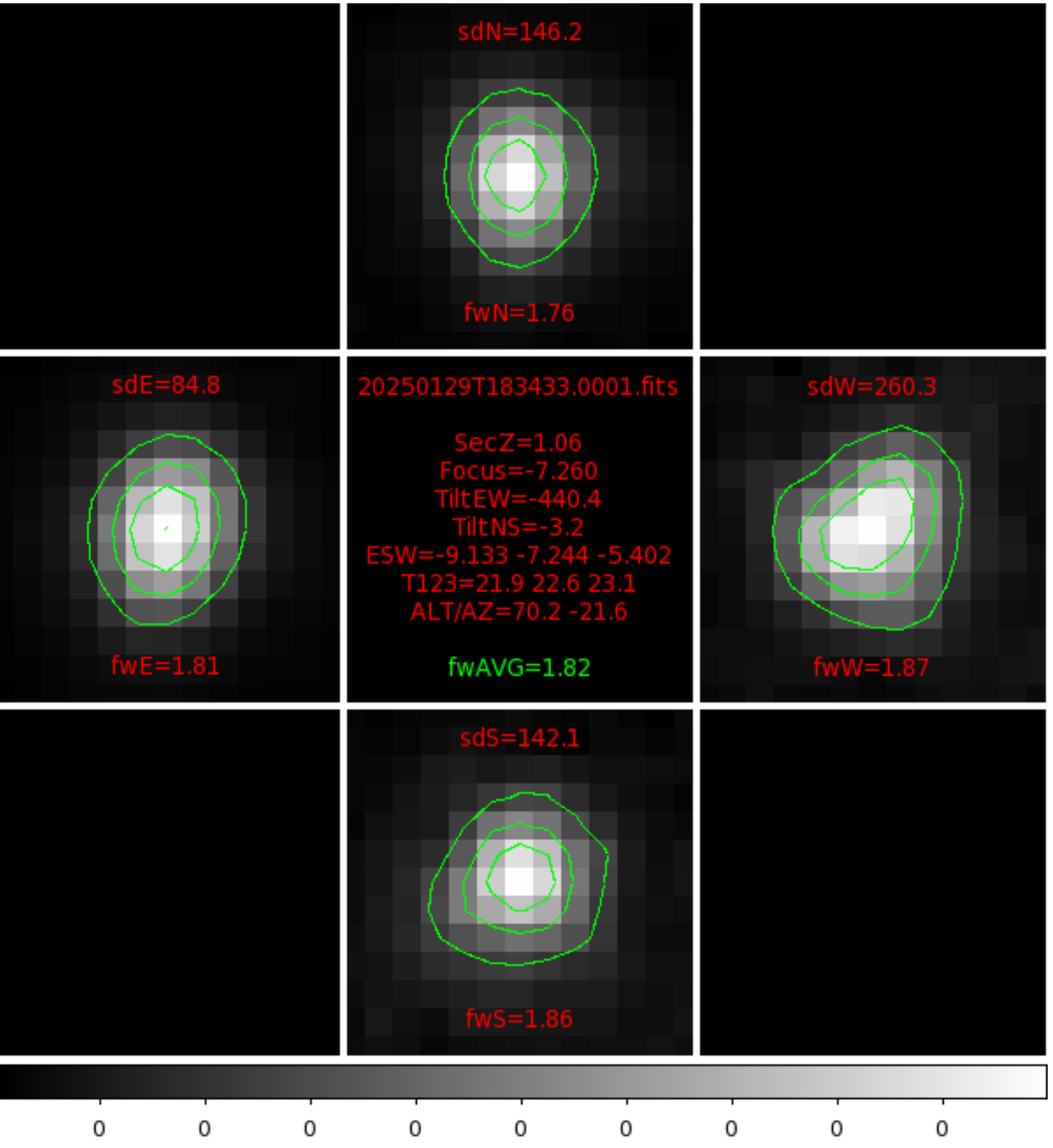
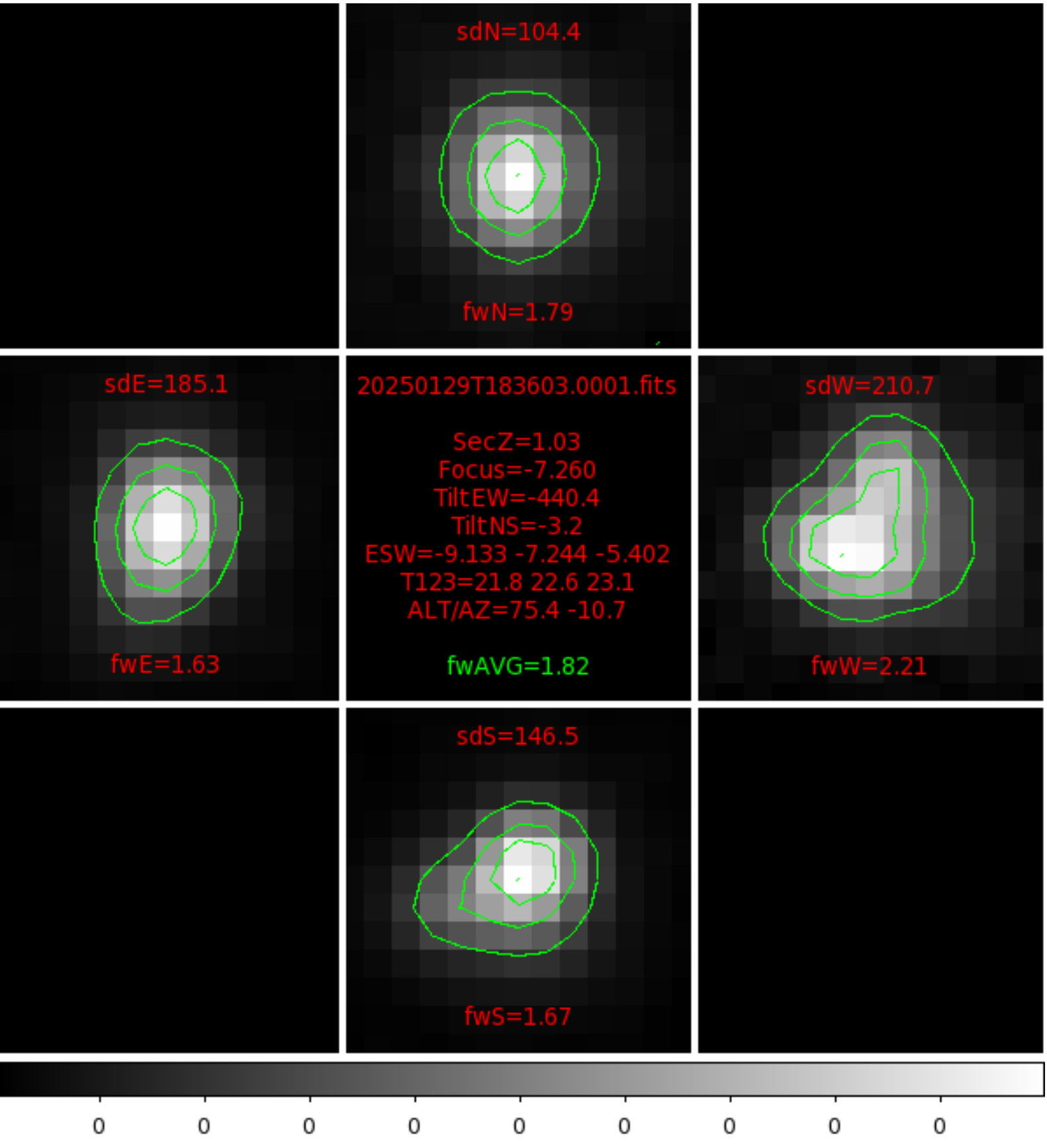
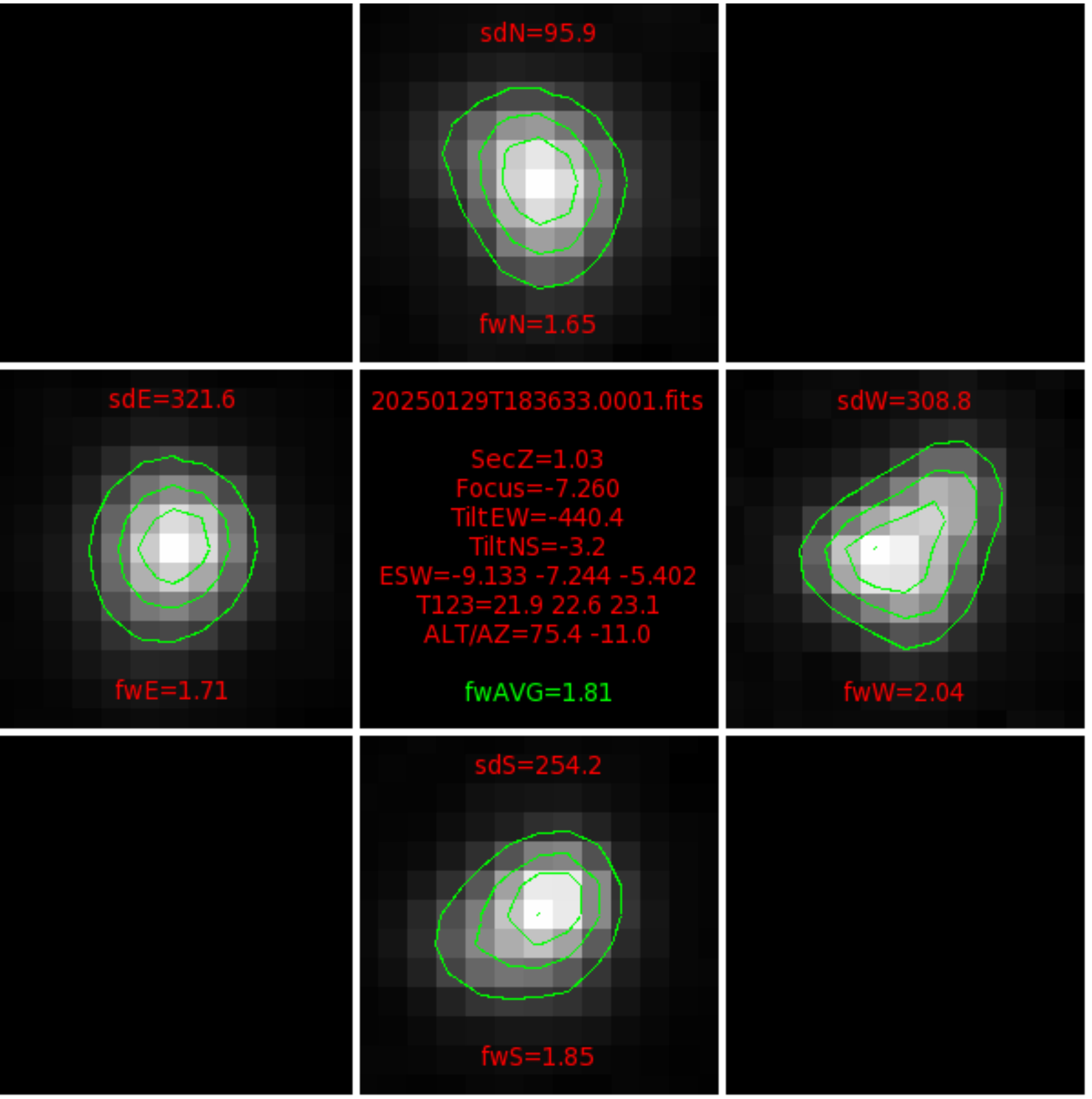

sdN=128.9
fwN=1.72
sdE=278.7
fwE=1.77
20250129T183153.0001.fits
SecZ=1.06
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=22.0 22.8 23.1
ALT/AZ=71.2 -15.1
fwAVG=1.77
sdW=1600.3
fwW=1.94
sdS=160.7
fwS=1.67
0 0 0 0 0 0 0 0 0

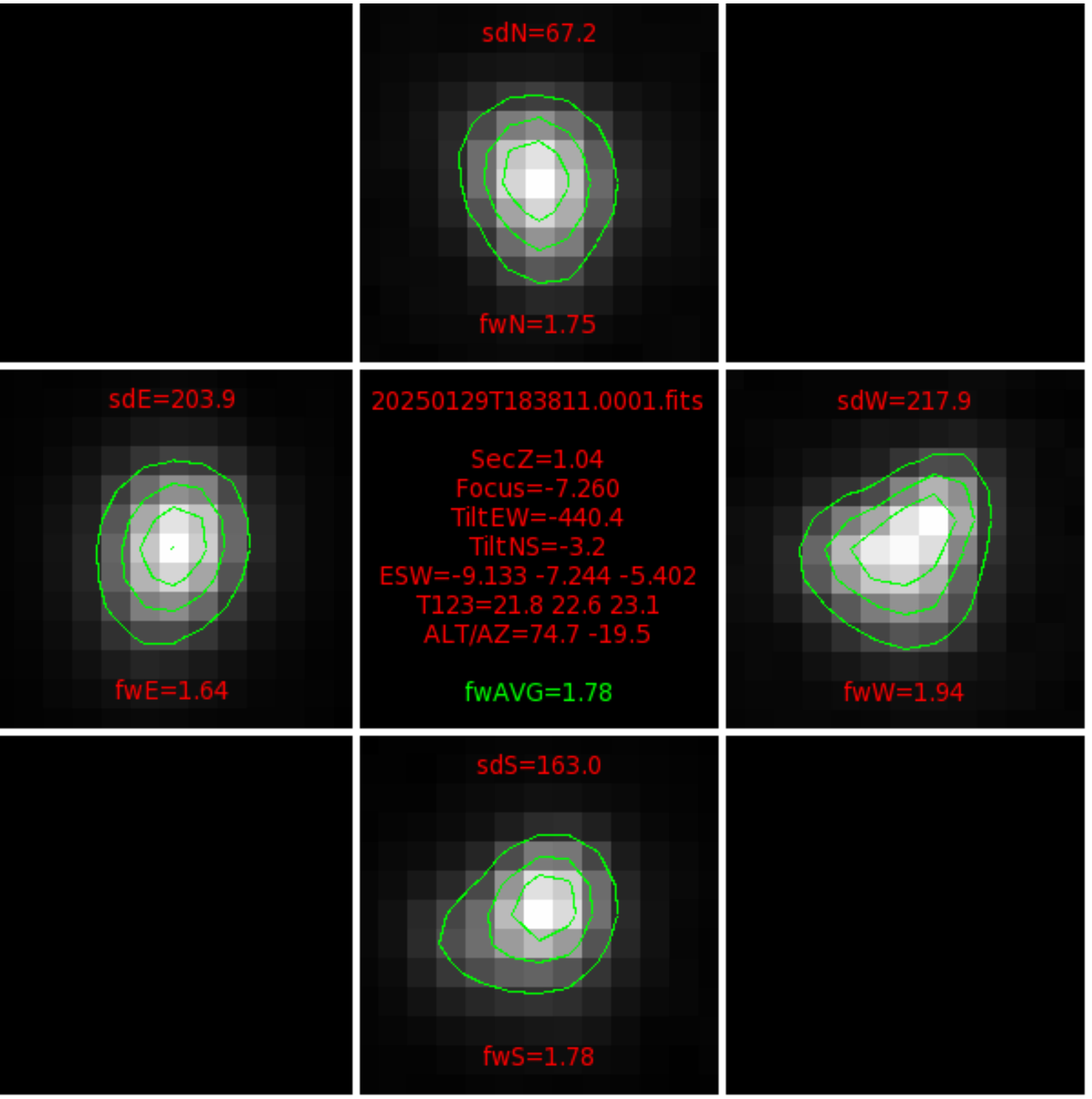

sdN=111.5
fwN=1.75
sdE=126.0
fwE=1.78
20250129T183222.0001.fits
SecZ=1.06
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=22.0 22.8 23.1
ALT/AZ=71.2 -15.3
fwAVG=1.83
sdW=77.2
fwW=1.98
sdS=117.6
fwS=1.82
0 0 0 0 0 0 0 0 0

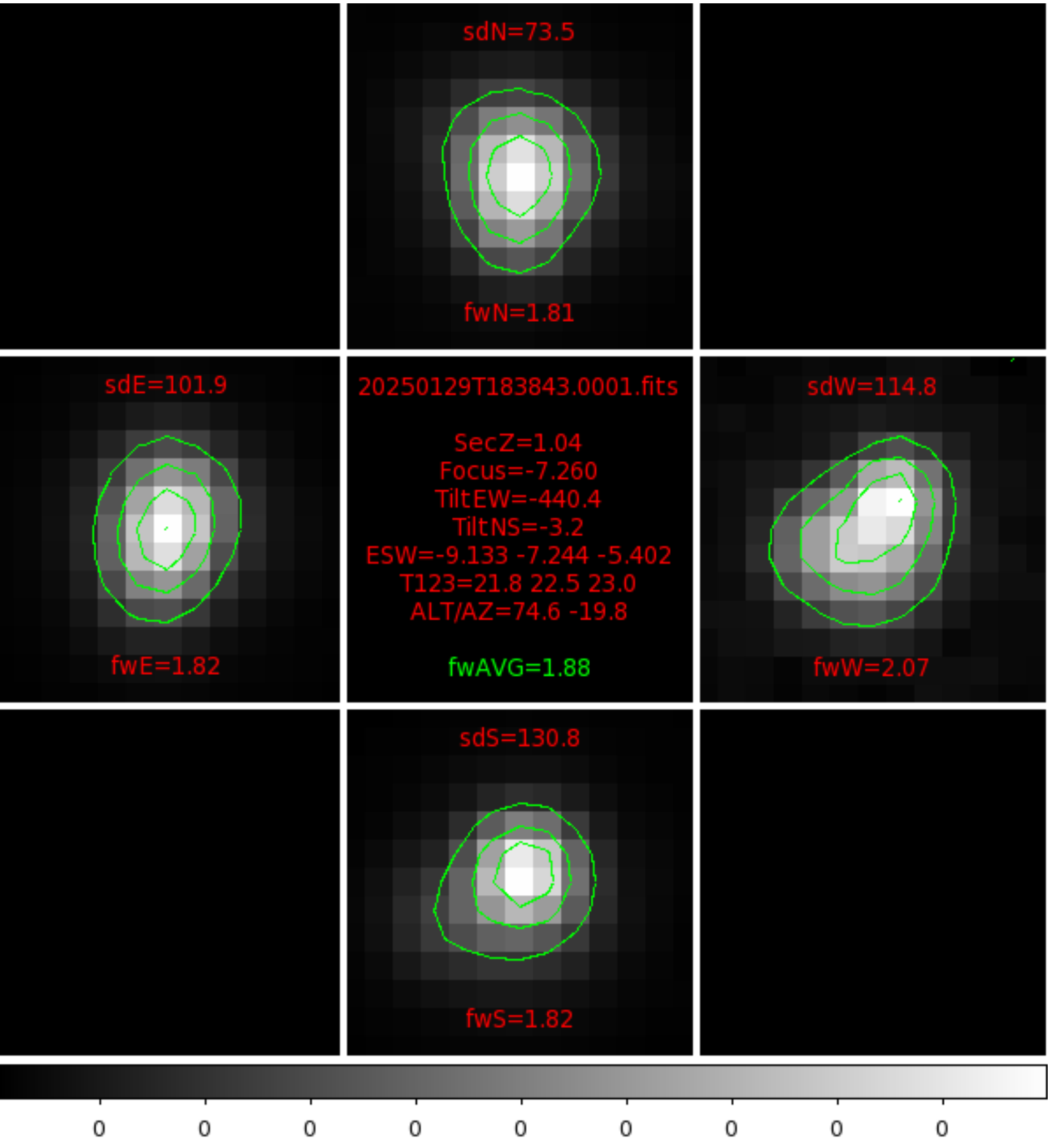

sdN=132.2
fwN=1.67
sdE=97.9
fwE=1.80
20250129T183402.0001.fits
SecZ=1.06
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=21.9 22.6 23.1
ALT/AZ=70.3 -21.4
fwAVG=1.80
sdW=110.0
fwW=1.94
sdS=107.3
fwS=1.78
0 0 0 0 0 0 0 0 0

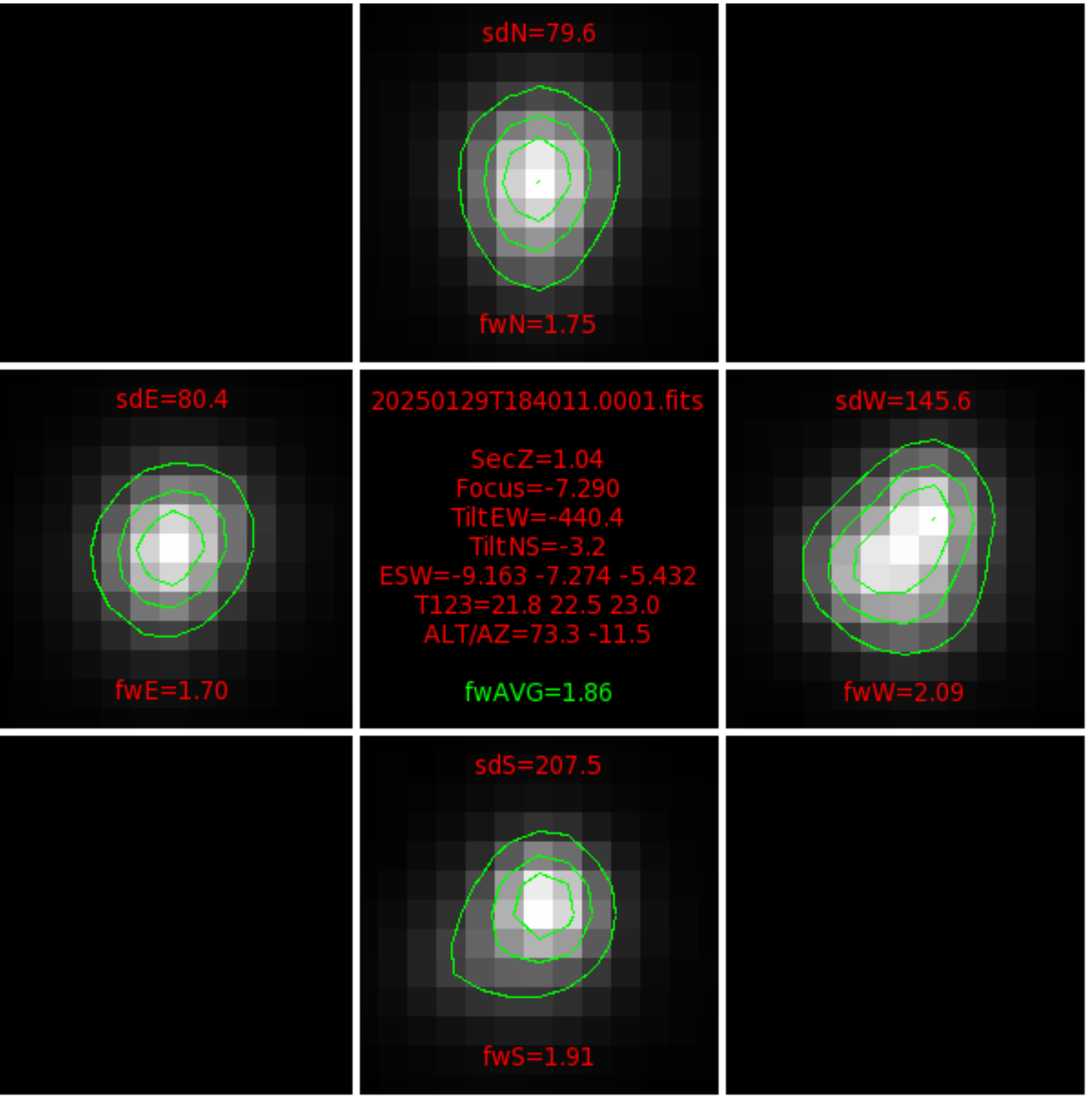

sdN=146.2
fwN=1.76
sdE=84.8
fwE=1.81
20250129T183433.0001.fits
SecZ=1.06
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=21.9 22.6 23.1
ALT/AZ=70.2 -21.6
fwAVG=1.82
sdW=260.3
fwW=1.87
sdS=142.1
fwS=1.86
0 0 0 0 0 0 0 0 0

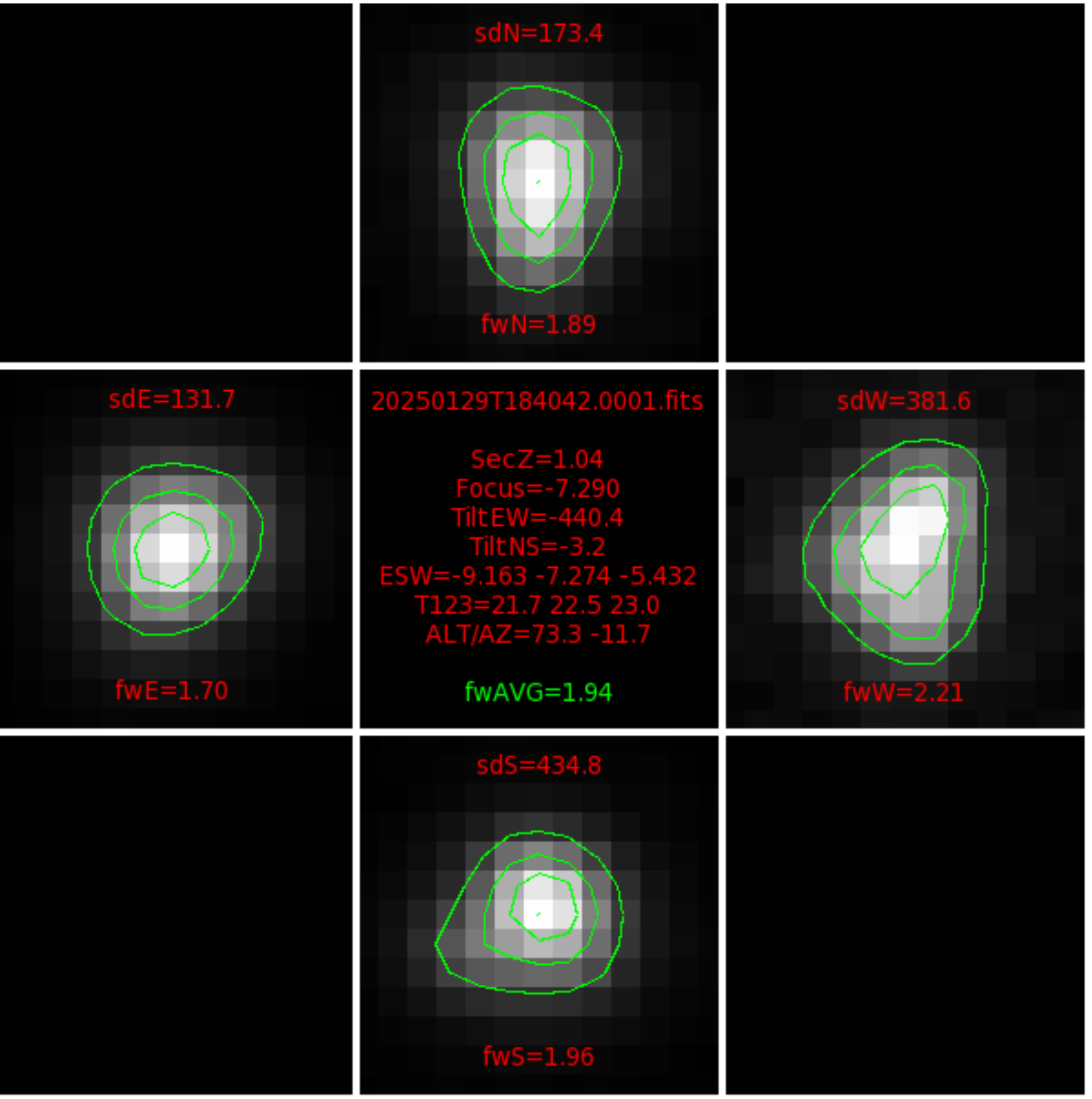

sdN=104.4
fwN=1.79
sdE=185.1
fwE=1.63
20250129T183603.0001.fits
SecZ=1.03
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=21.8 22.6 23.1
ALT/AZ=75.4 -10.7
fwAVG=1.82
sdW=210.7
fwW=2.21
sdS=146.5
fwS=1.67
0 0 0 0 0 0 0 0 0

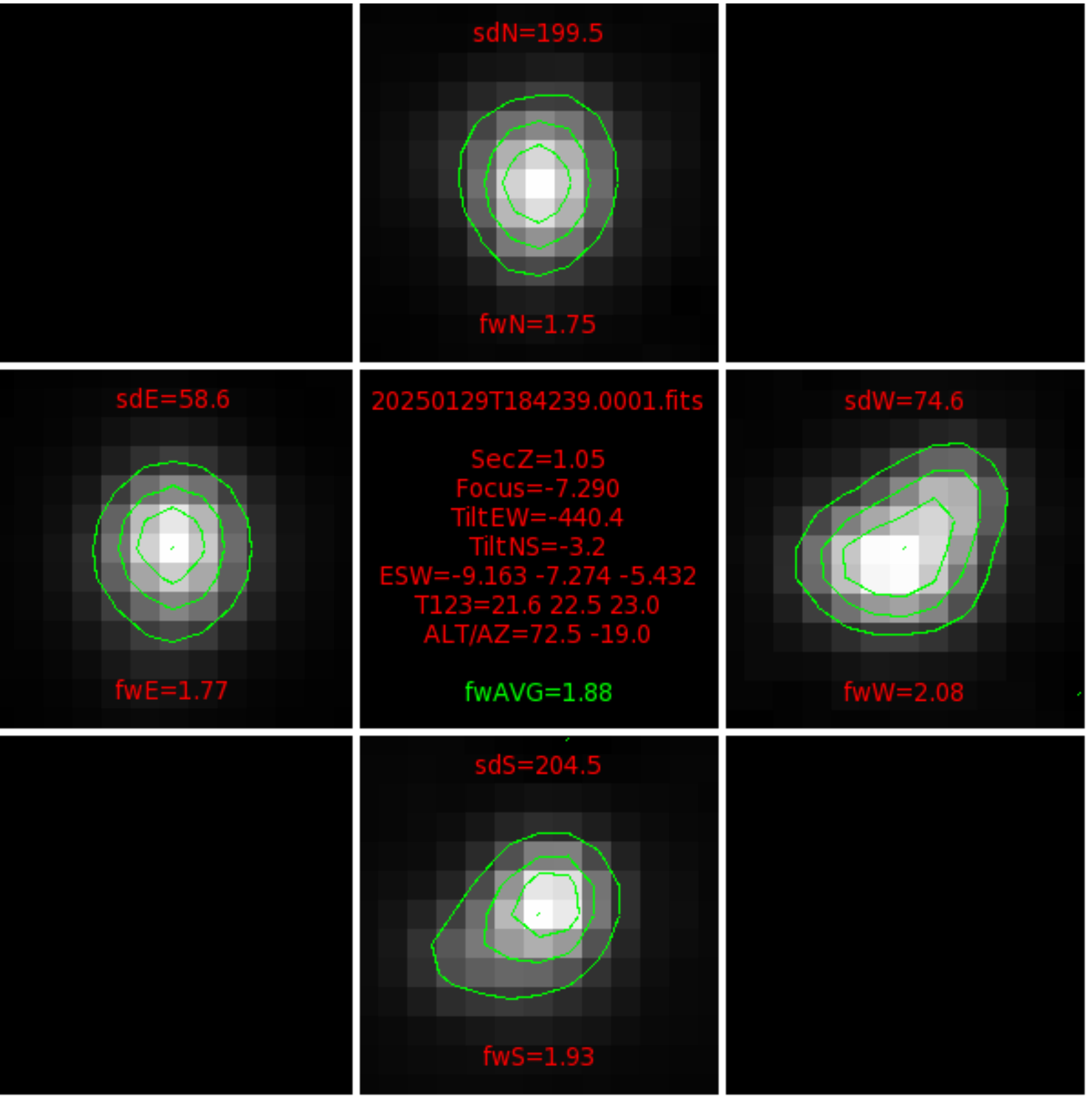

sdN=95.9
fwN=1.65
sdE=321.6
fwE=1.71
20250129T183633.0001.fits
SecZ=1.03
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=21.9 22.6 23.1
ALT/AZ=75.4 -11.0
fwAVG=1.81
sdW=308.8
fwW=2.04
sdS=254.2
fwS=1.85
0 0 0 0 0 0 0 0 0

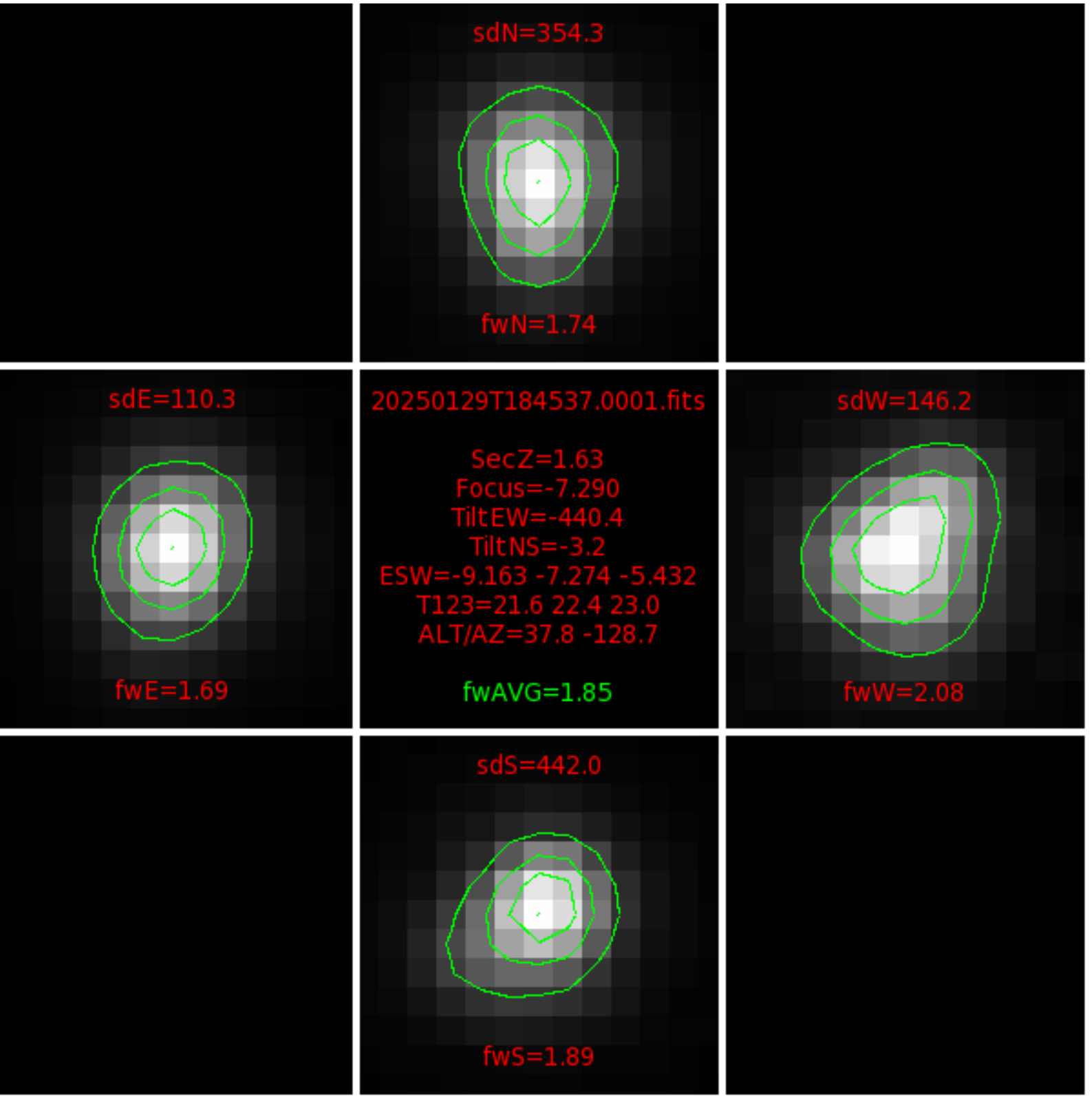

sdN=67.2
fwN=1.75
sdE=203.9
fwE=1.64
20250129T183811.0001.fits
SecZ=1.04
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=21.8 22.6 23.1
ALT/AZ=74.7 -19.5
fwAVG=1.78
sdW=217.9
fwW=1.94
sdS=163.0
fwS=1.78
0 0 0 0 0 0 0 0 0

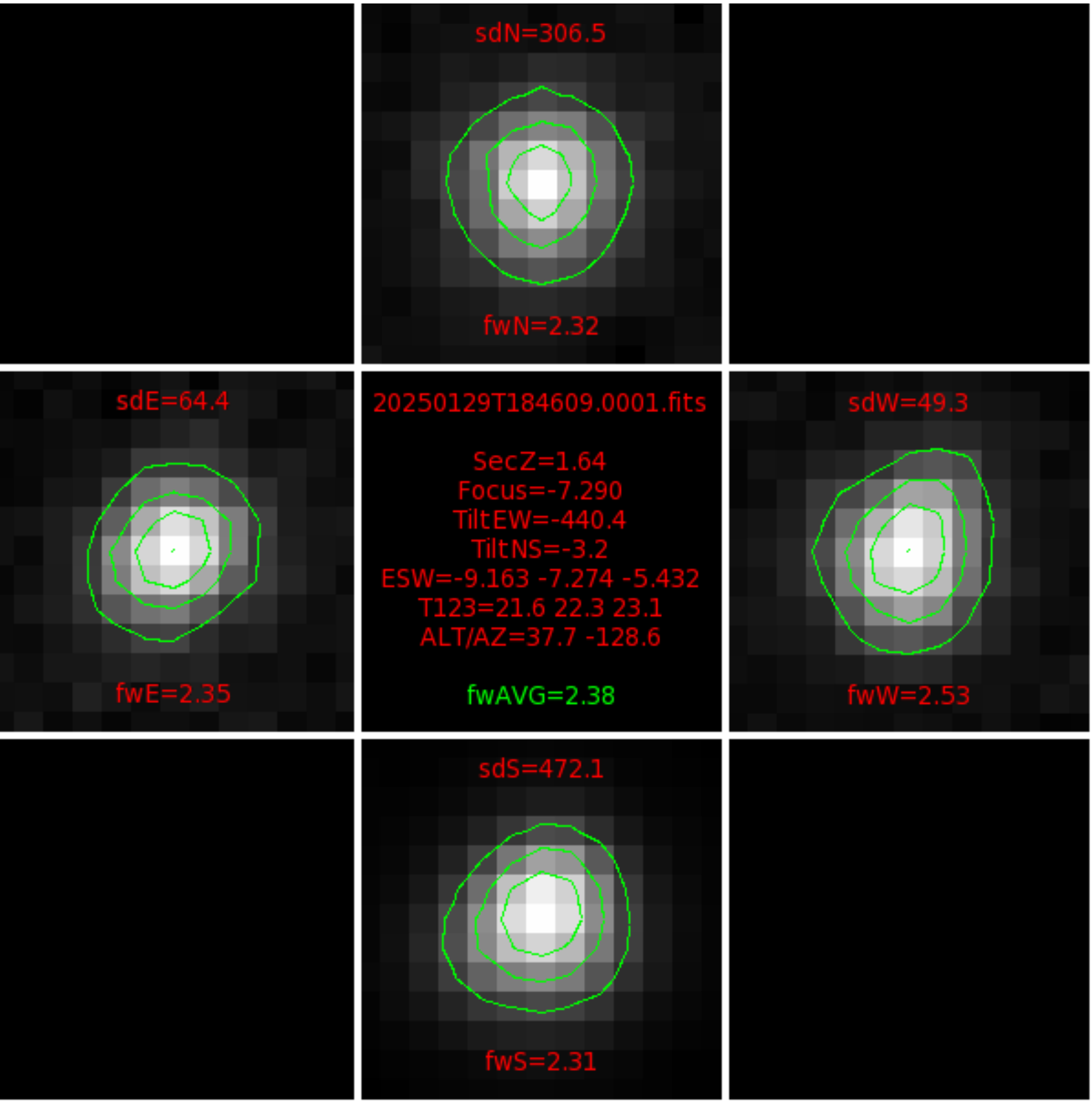

sdN=73.5
fwN=1.81
sdE=101.9
fwE=1.82
20250129T183843.0001.fits
SecZ=1.04
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=21.8 22.5 23.0
ALT/AZ=74.6 -19.8
fwAVG=1.88
sdW=114.8
fwW=2.07
sdS=130.8
fwS=1.82
0 0 0 0 0 0 0 0 0

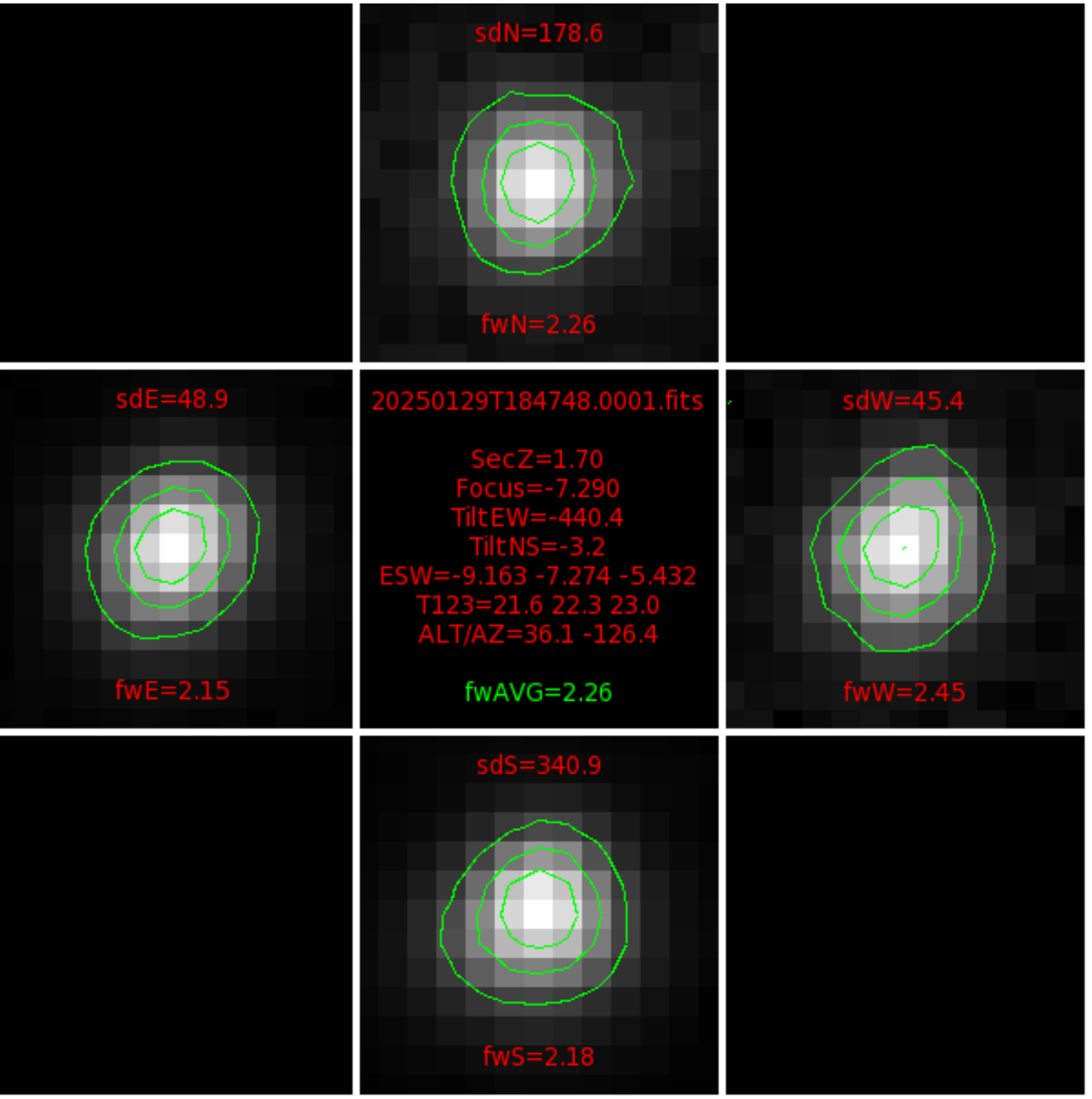

sdN=79.6
fwN=1.75
sdE=80.4
fwE=1.70
20250129T184011.0001.fits
SecZ=1.04
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.8 22.5 23.0
ALT/AZ=73.3 -11.5
fwAVG=1.86
sdW=145.6
fwW=2.09
sdS=207.5
fwS=1.91
0 0 0 0 0 0 0 0 0

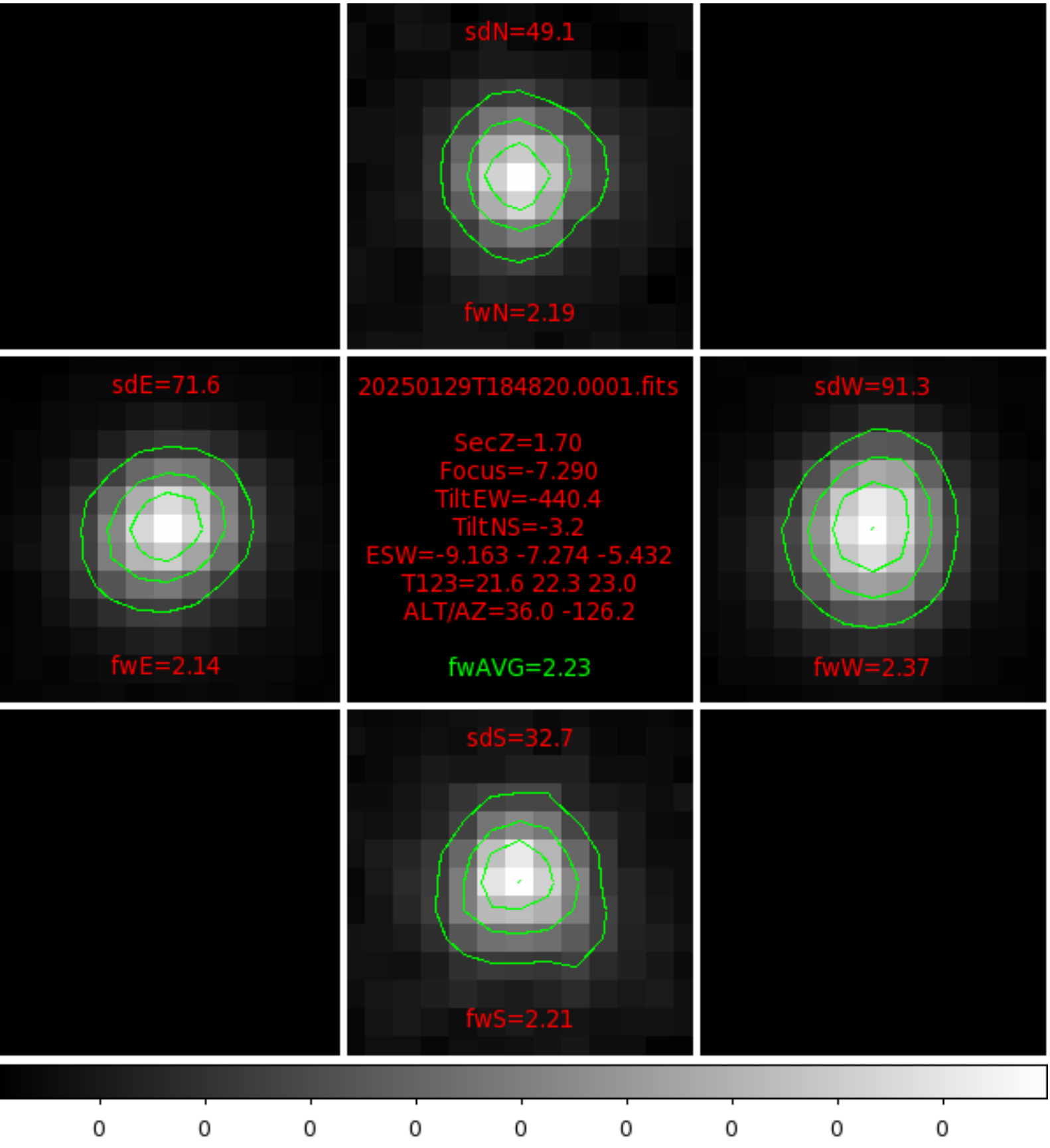

sdN=173.4
fwN=1.89
sdE=131.7
fwE=1.70
20250129T184042.0001.fits
SecZ=1.04
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.7 22.5 23.0
ALT/AZ=73.3 -11.7
fwAVG=1.94
sdW=381.6
fwW=2.21
sdS=434.8
fwS=1.96
0 0 0 0 0 0 0 0 0

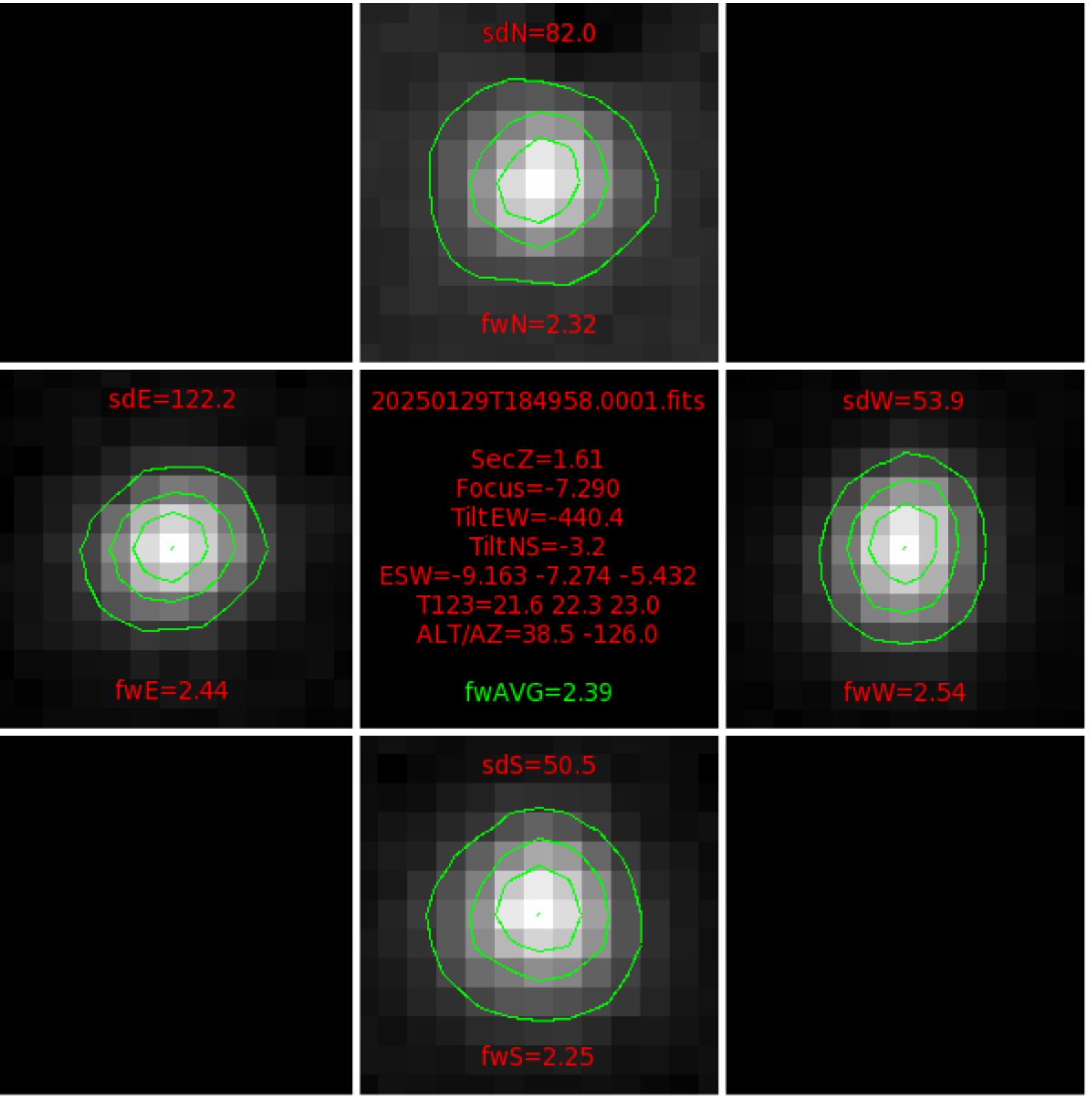

sdN=199.5
fwN=1.75
sdE=58.6
fwE=1.77
20250129T184239.0001.fits
SecZ=1.05
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.6 22.5 23.0
ALT/AZ=72.5 -19.0
fwAVG=1.88
sdW=74.6
fwW=2.08
sdS=204.5
fwS=1.93
0 0 0 0 0 0 0 0 0

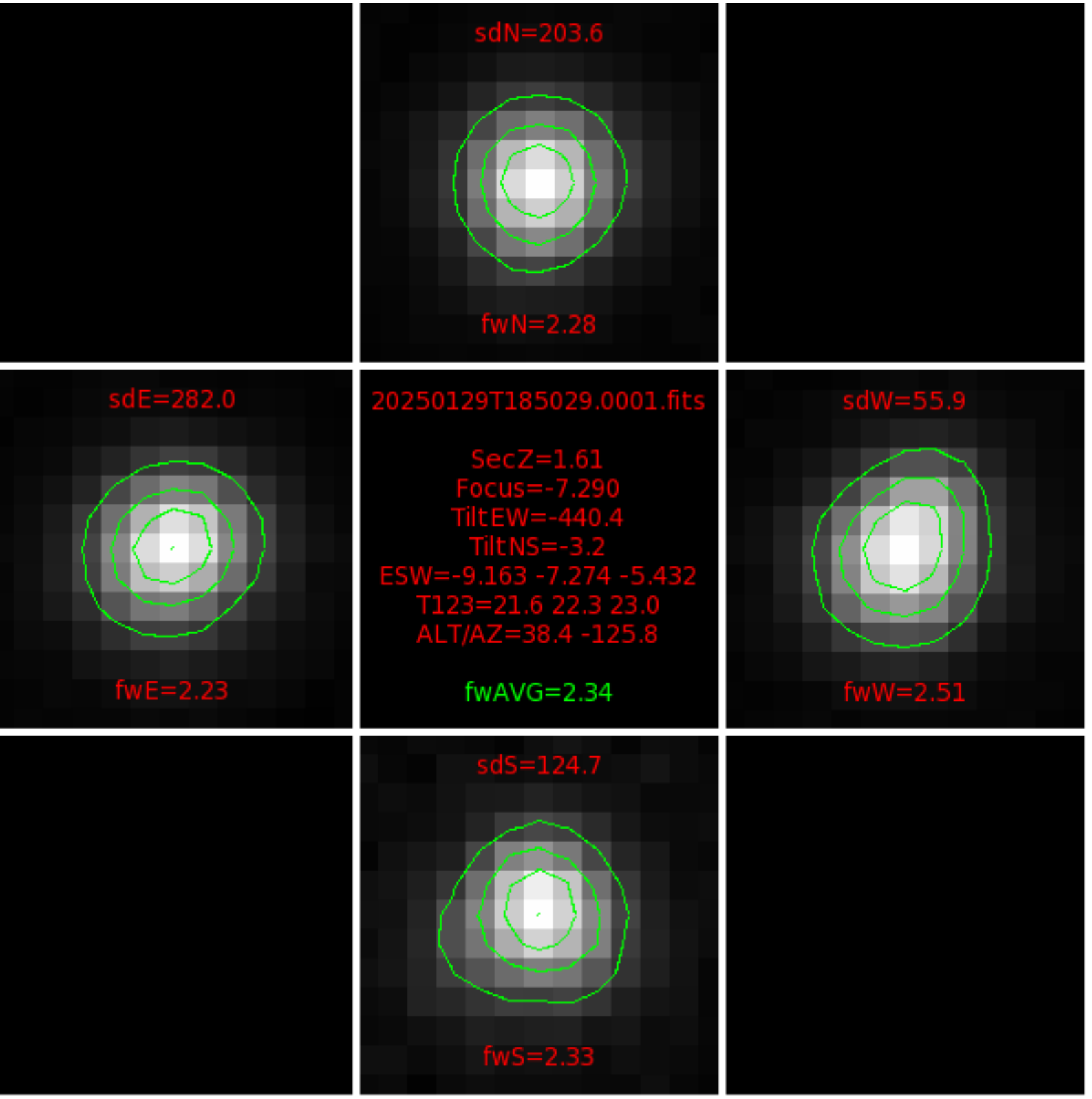

sdN=354.3
fwN=1.74
sdE=110.3
fwE=1.69
20250129T184537.0001.fits
SecZ=1.63
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.6 22.4 23.0
ALT/AZ=37.8 -128.7
fwAVG=1.85
sdW=146.2
fwW=2.08
sdS=442.0
fwS=1.89
0 0 0 0 0 0 0 0 0

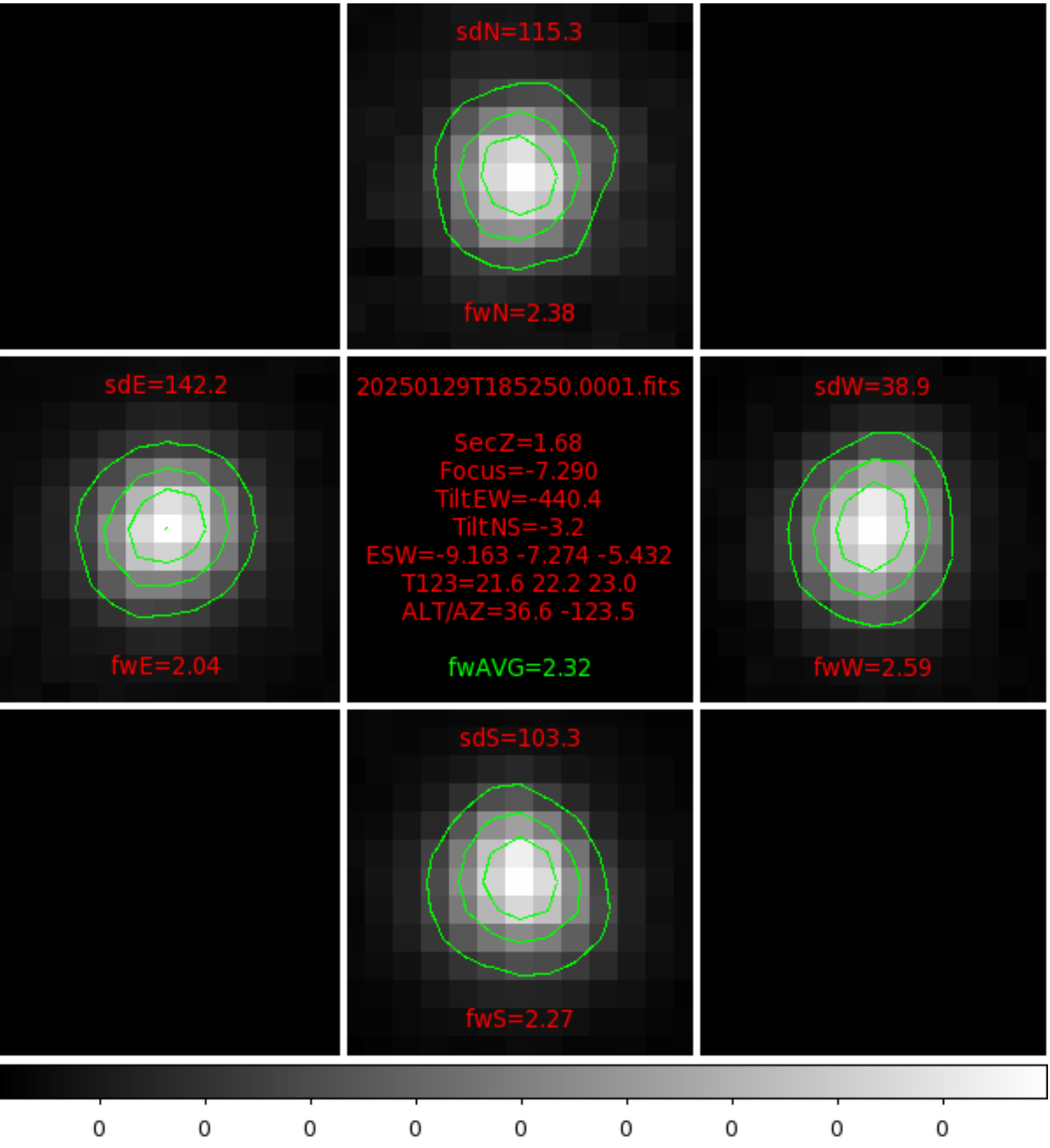

sdN=306.5
fwN=2.32
sdE=64.4
fwE=2.35
20250129T184609.0001.fits
SecZ=1.64
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.6 22.3 23.1
ALT/AZ=37.7 -128.6
fwAVG=2.38
sdW=49.3
fwW=2.53
sdS=472.1
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=178.6
fwN=2.26
sdE=48.9
fwE=2.15
20250129T184748.0001.fits
SecZ=1.70
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.6 22.3 23.0
ALT/AZ=36.1 -126.4
fwAVG=2.26
sdW=45.4
fwW=2.45
sdS=340.9
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=49.1
fwN=2.19
sdE=71.6
fwE=2.14
20250129T184820.0001.fits
SecZ=1.70
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.6 22.3 23.0
ALT/AZ=36.0 -126.2
fwAVG=2.23
sdW=91.3
fwW=2.37
sdS=32.7
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=82.0
fwN=2.32
sdE=122.2
fwE=2.44
20250129T184958.0001.fits
SecZ=1.61
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.6 22.3 23.0
ALT/AZ=38.5 -126.0
fwAVG=2.39
sdW=53.9
fwW=2.54
sdS=50.5
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=203.6
fwN=2.28
sdE=282.0
fwE=2.23
20250129T185029.0001.fits
SecZ=1.61
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.6 22.3 23.0
ALT/AZ=38.4 -125.8
fwAVG=2.34
sdW=55.9
fwW=2.51
sdS=124.7
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=115.3
fwN=2.38
sdE=142.2
fwE=2.04
20250129T185250.0001.fits
SecZ=1.68
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.6 22.2 23.0
ALT/AZ=36.6 -123.5
fwAVG=2.32
sdW=38.9
fwW=2.59
sdS=103.3
fwS=2.27
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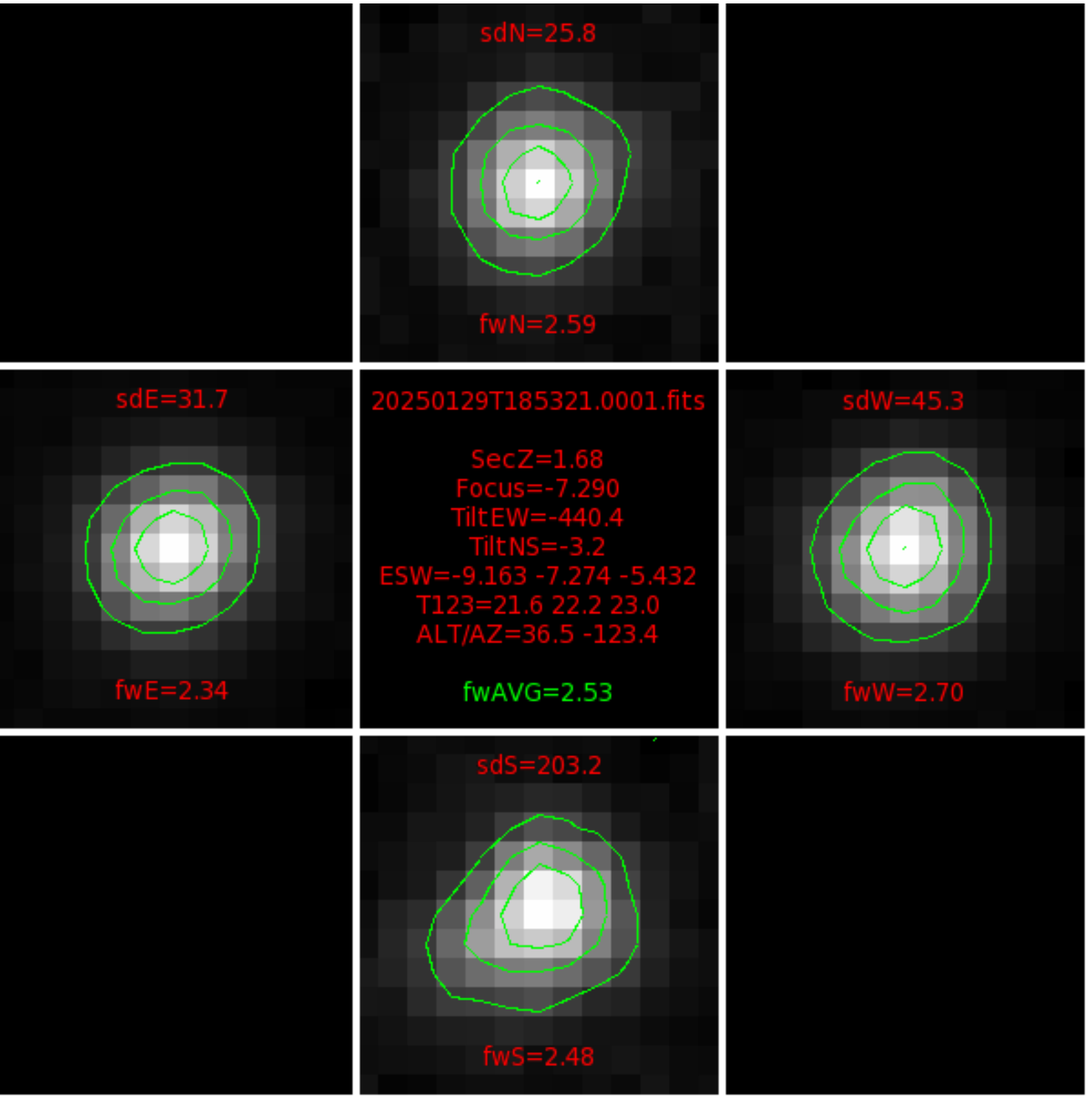
sdN=25.8
fwN=2.59
sdE=31.7
fwE=2.34
20250129T185321.0001.fits
SecZ=1.68
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.6 22.2 23.0
ALT/AZ=36.5 -123.4
fwAVG=2.53
sdW=45.3
fwW=2.70
sdS=203.2
fwS=2.48
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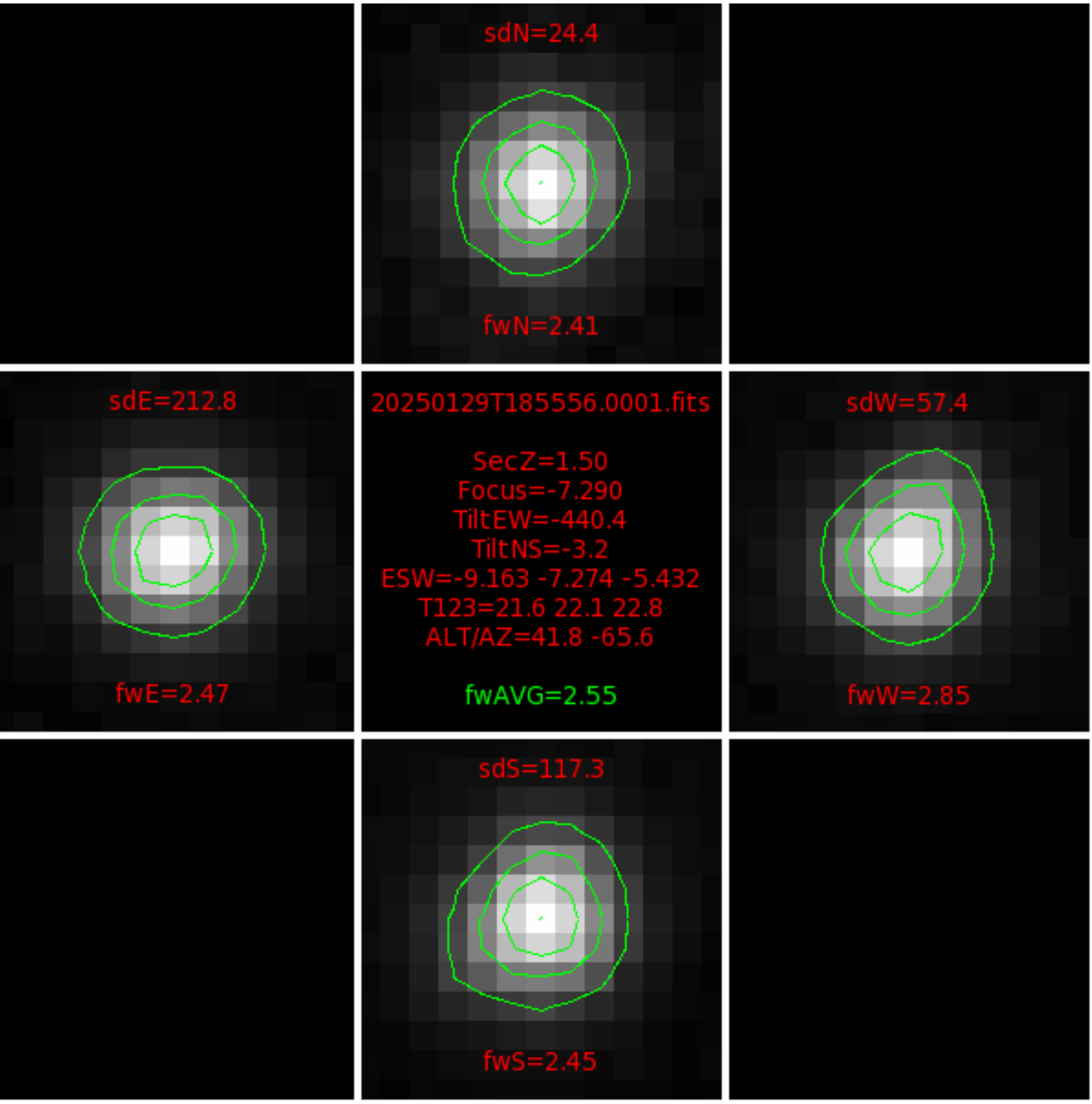
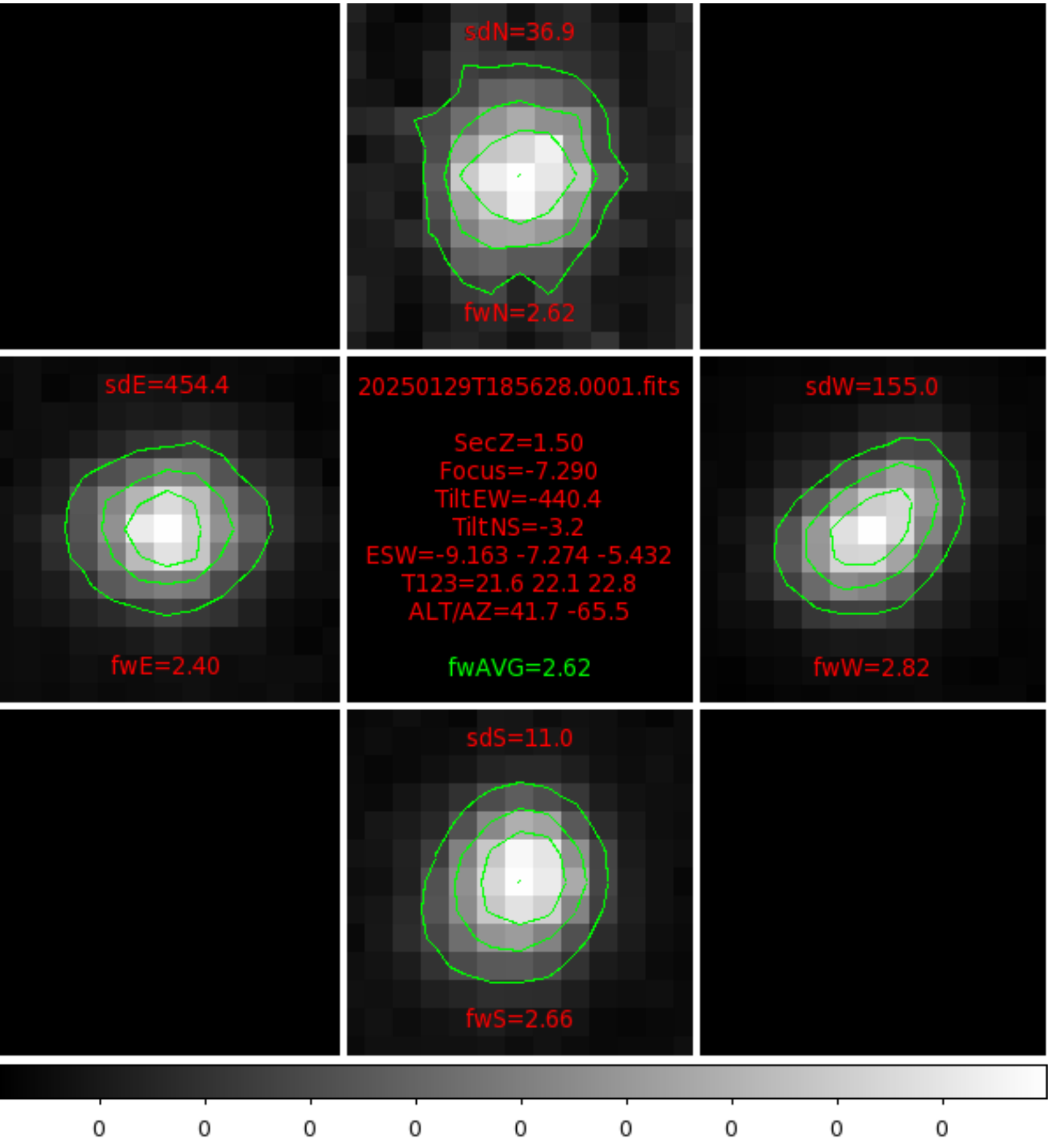

sdN=24.4
fwN=2.41
sdE=212.8
fwE=2.47
20250129T185556.0001.fits
SecZ=1.50
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.6 22.1 22.8
ALT/AZ=41.8 -65.6
fwAVG=2.55
sdW=57.4
fwW=2.85
sdS=117.3
fwS=2.45
0 0 0 0 0 0 0 0 0


sdN=36.9
fwN=2.62
sdE=454.4
fwE=2.40
20250129T185628.0001.fits
SecZ=1.50
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.6 22.1 22.8
ALT/AZ=41.7 -65.5
fwAVG=2.62
sdW=155.0
fwW=2.82
sdS=11.0
fwS=2.66
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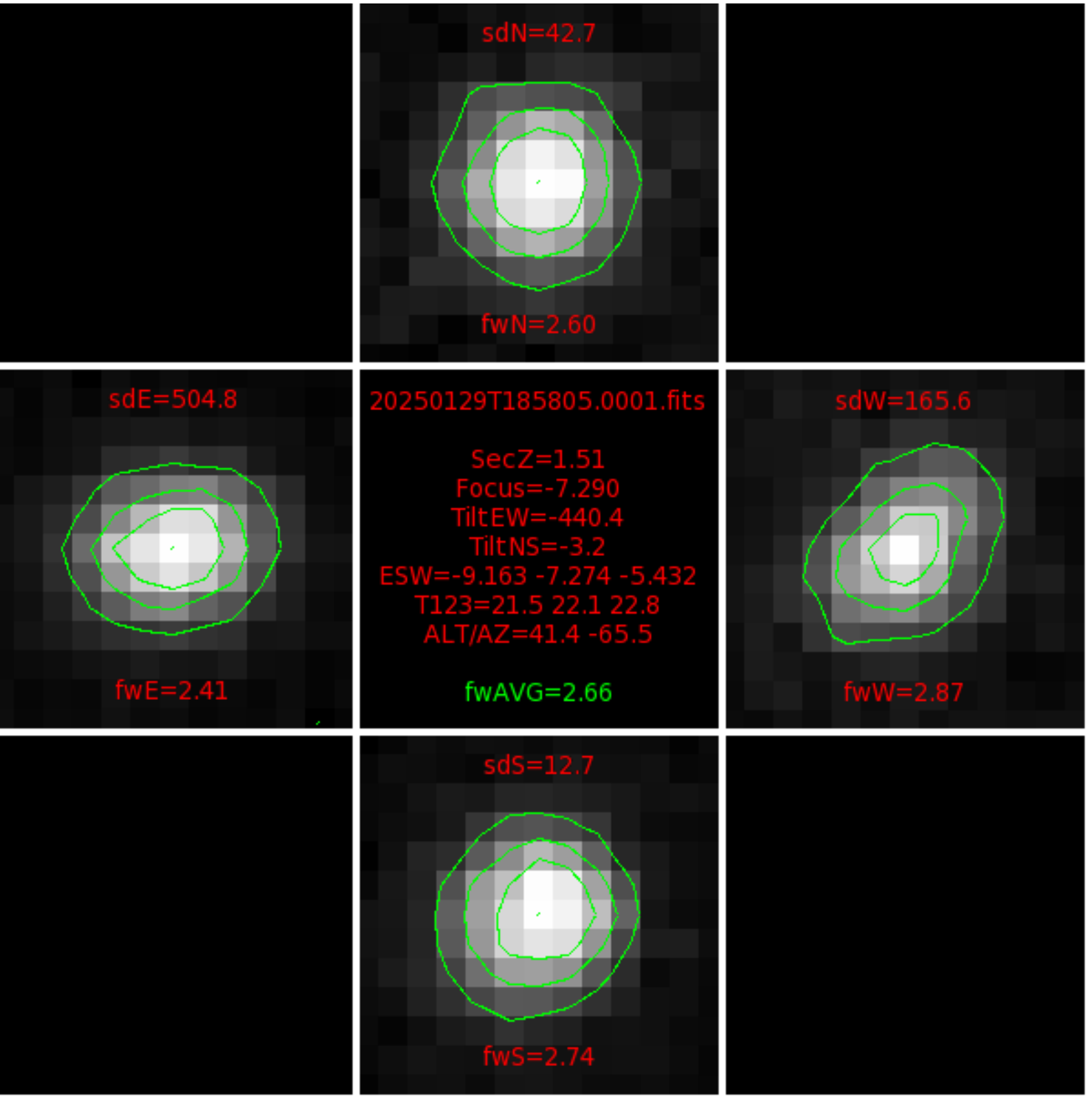
sdN=42.7
fwN=2.60
sdE=504.8
fwE=2.41
20250129T185805.0001.fits
SecZ=1.51
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.5 22.1 22.8
ALT/AZ=41.4 -65.5
fwAVG=2.66
sdW=165.6
fwW=2.87
sdS=12.7
fwS=2.74
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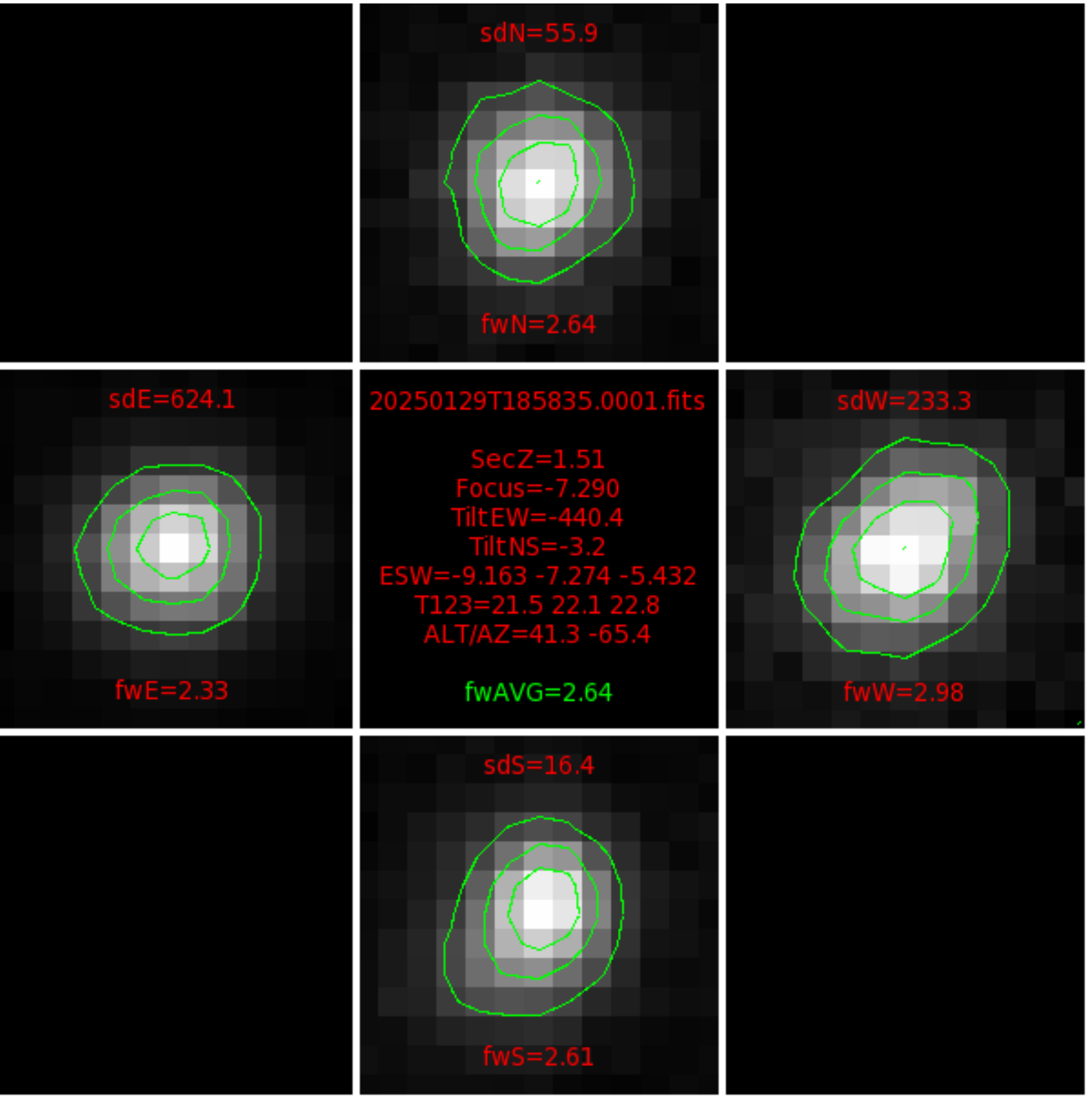
sdN=55.9
fwN=2.64
sdE=624.1
fwE=2.33
20250129T185835.0001.fits
SecZ=1.51
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.5 22.1 22.8
ALT/AZ=41.3 -65.4
fwAVG=2.64
sdW=233.3
fwW=2.98
sdS=16.4
fwS=2.61
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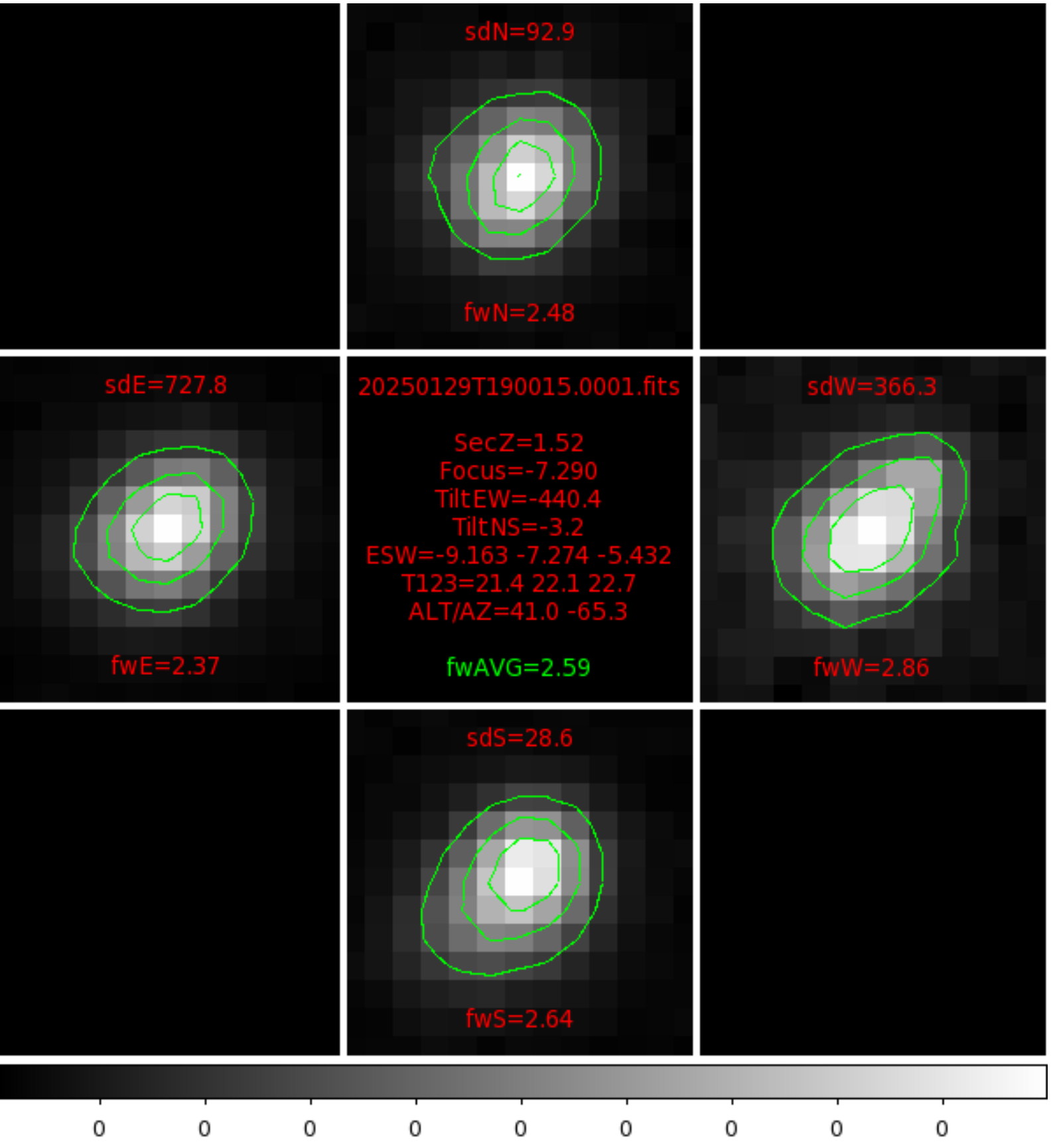
sdN=92.9
fwN=2.48
sdE=727.8
fwE=2.37
20250129T190015.0001.fits
SecZ=1.52
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.4 22.1 22.7
ALT/AZ=41.0 -65.3
fwAVG=2.59
sdW=366.3
fwW=2.86
sdS=28.6
fwS=2.64
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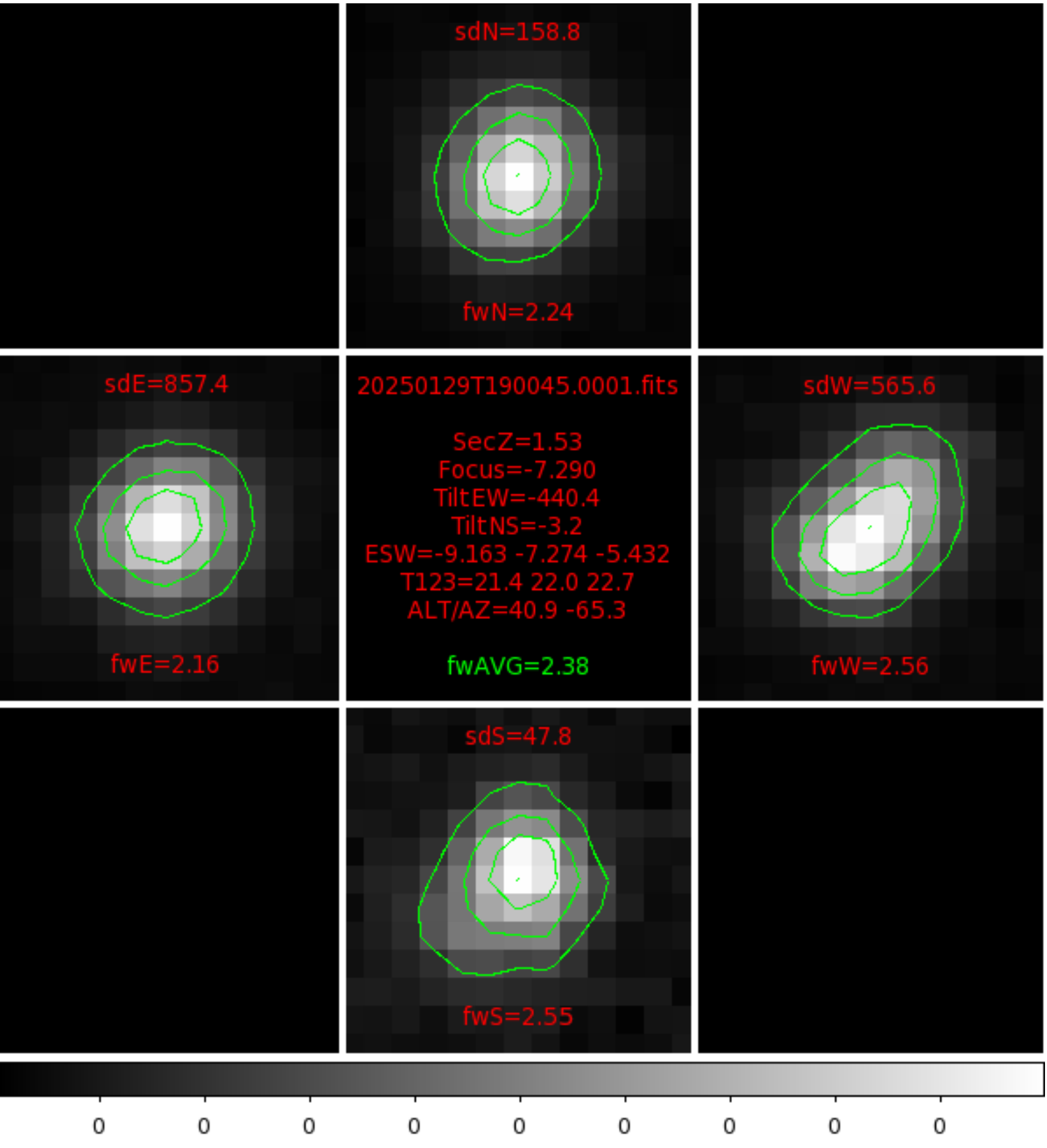
sdN=158.8
fwN=2.24
sdE=857.4
fwE=2.16
20250129T190045.0001.fits
SecZ=1.53
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.4 22.0 22.7
ALT/AZ=40.9 -65.3
fwAVG=2.38
sdW=565.6
fwW=2.56
sdS=47.8
fwS=2.55
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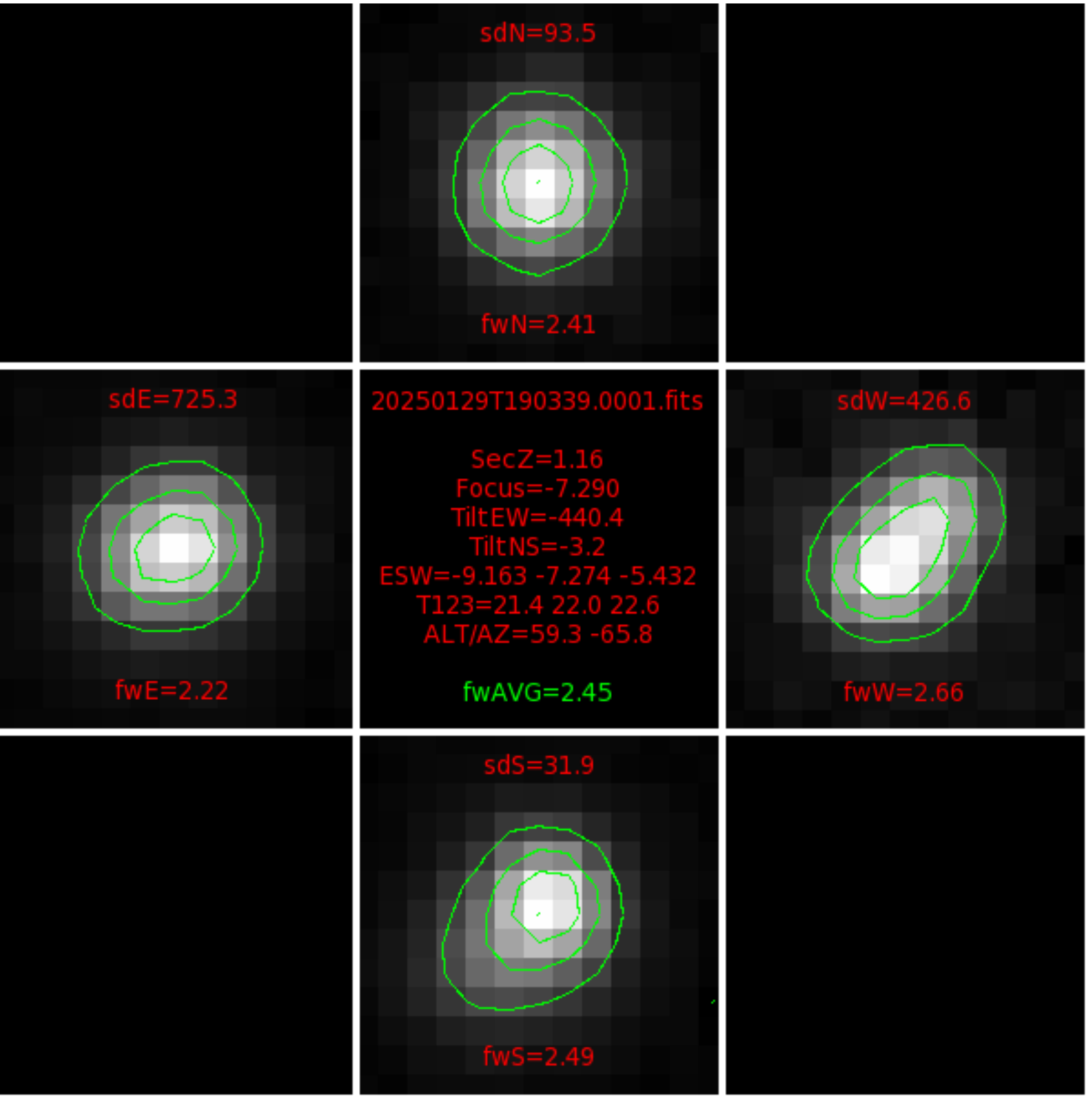
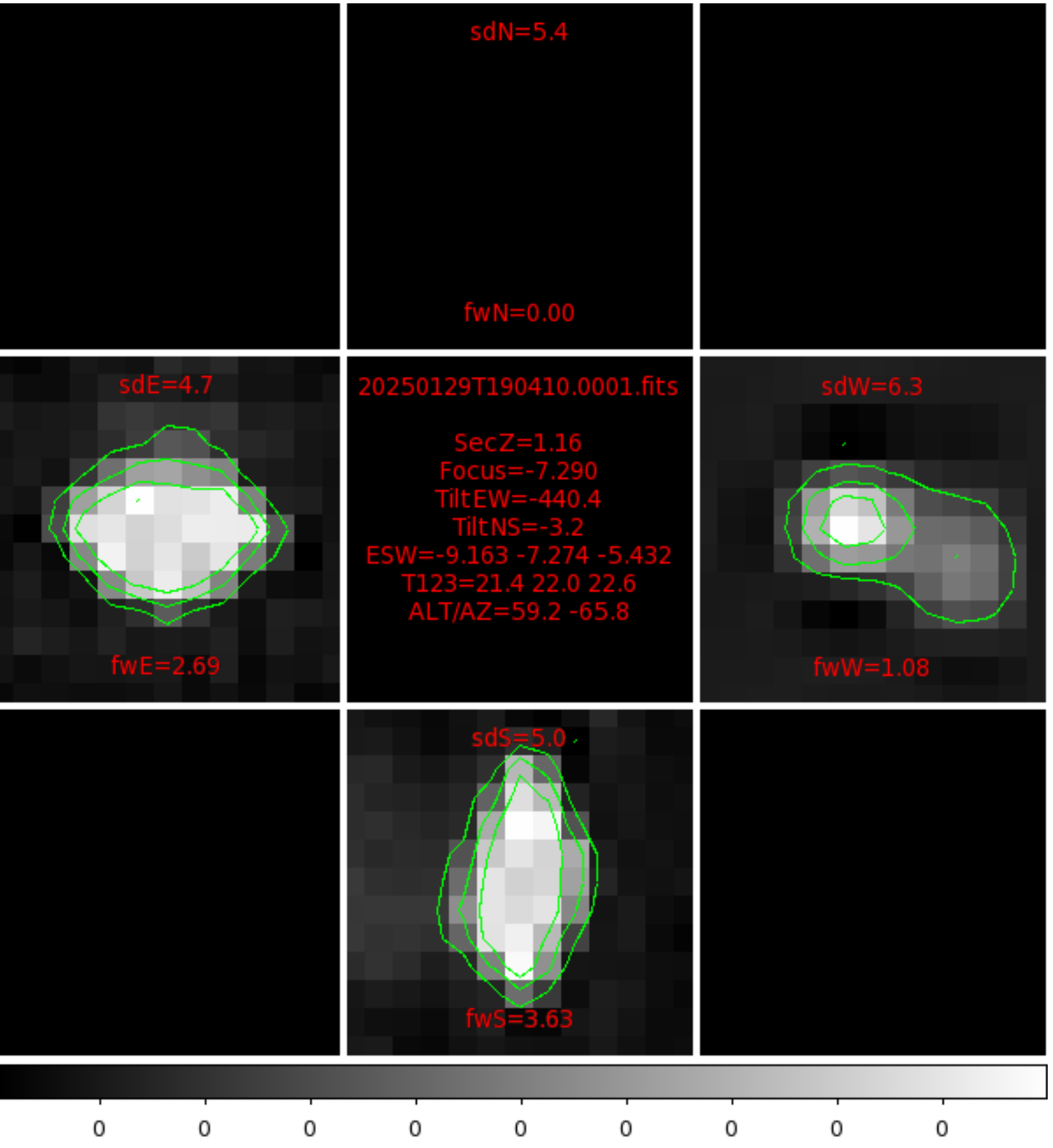
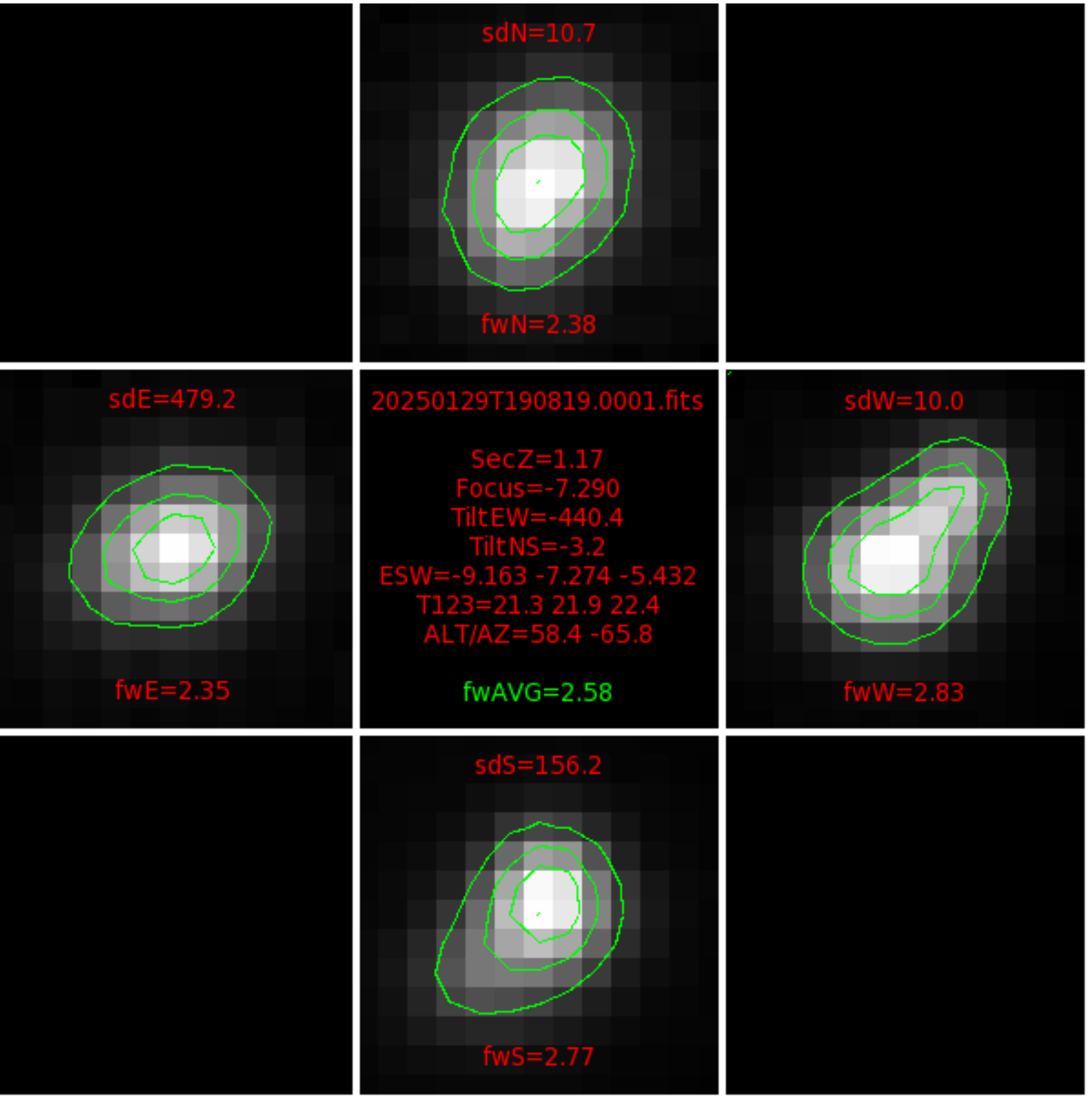

sdN=93.5
fwN=2.41
sdE=725.3
fwE=2.22
20250129T190339.0001.fits
SecZ=1.16
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.4 22.0 22.6
ALT/AZ=59.3 -65.8
fwAVG=2.45
sdW=426.6
fwW=2.66
sdS=31.9
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=5.4
fwN=0.00
sdE=4.7
fwE=2.69
20250129T190410.0001.fits
SecZ=1.16
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.4 22.0 22.6
ALT/AZ=59.2 -65.8
sdW=6.3
fwW=1.08
sdS=5.0
fwS=3.63
0 0 0 0 0 0 0 0 0


sdN=10.7
fwN=2.38
sdE=479.2
fwE=2.35
20250129T190819.0001.fits
SecZ=1.17
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.3 21.9 22.4
ALT/AZ=58.4 -65.8
fwAVG=2.58
sdW=10.0
fwW=2.83
sdS=156.2
fwS=2.77
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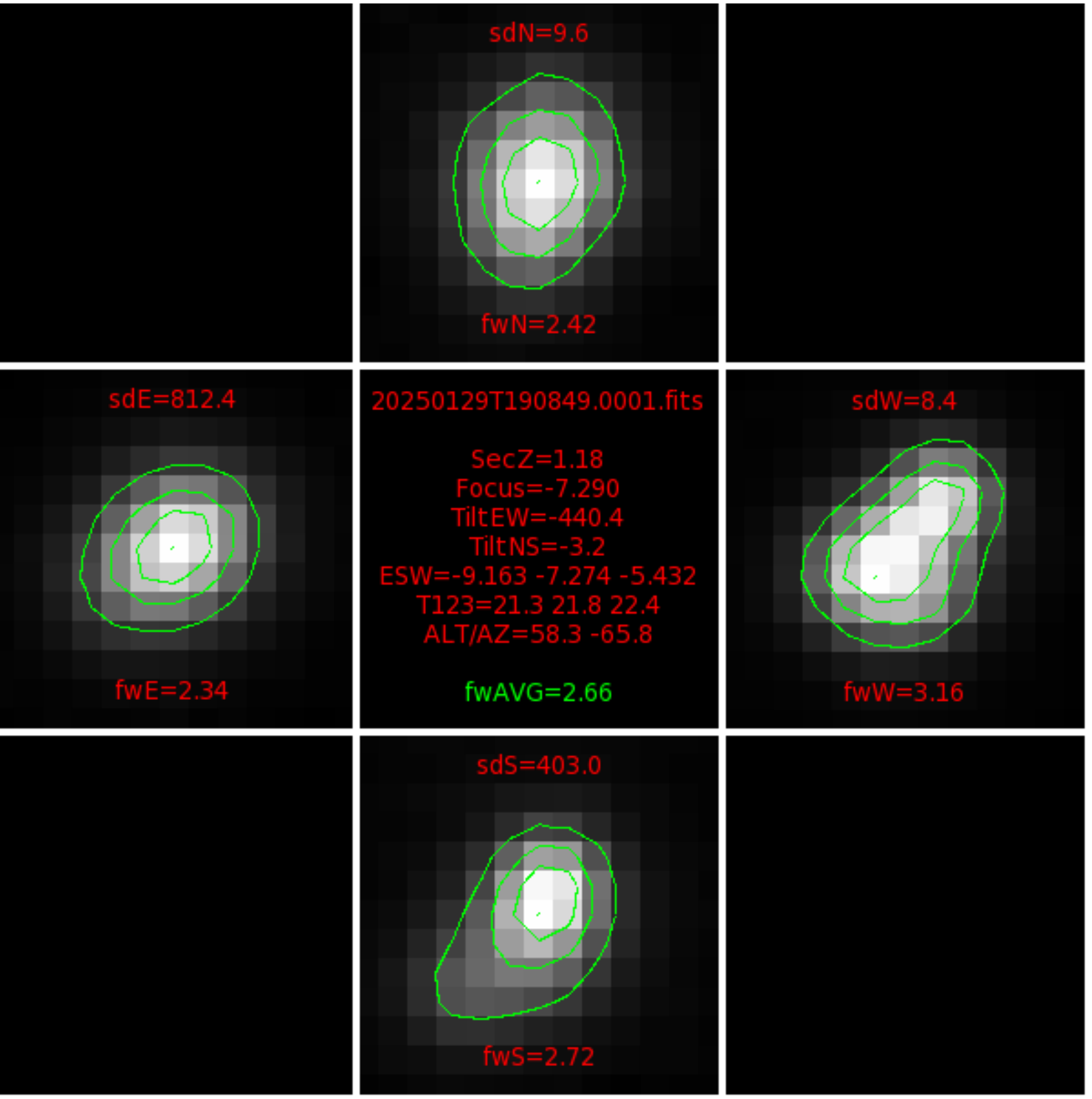
sdN=9.6
fwN=2.42
sdE=812.4
fwE=2.34
20250129T190849.0001.fits
SecZ=1.18
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.3 21.8 22.4
ALT/AZ=58.3 -65.8
fwAVG=2.66
sdW=8.4
fwW=3.16
sdS=403.0
fwS=2.72
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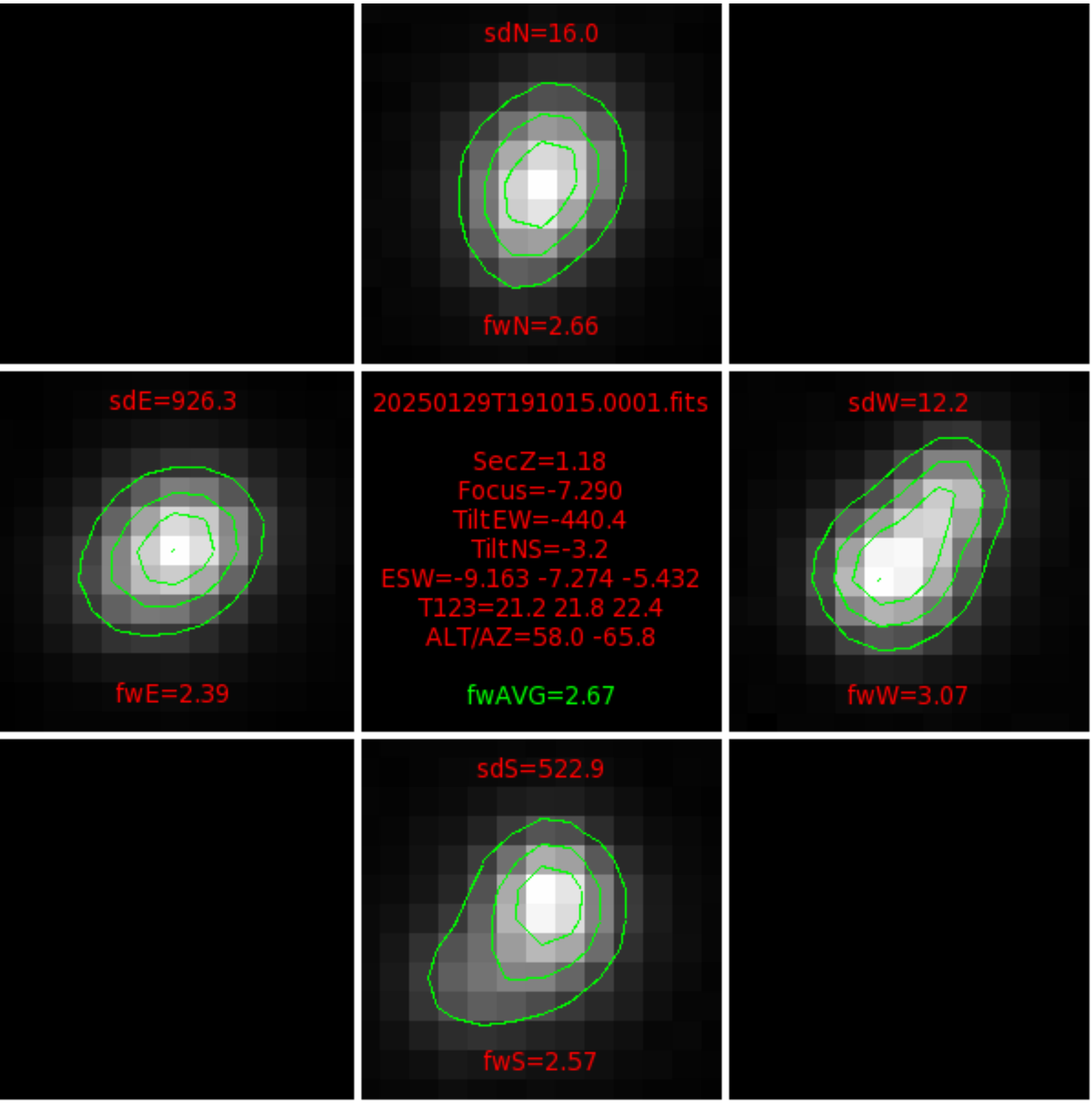
sdN=16.0
fwN=2.66
sdE=926.3
fwE=2.39
20250129T191015.0001.fits
SecZ=1.18
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.2 21.8 22.4
ALT/AZ=58.0 -65.8
fwAVG=2.67
sdW=12.2
fwW=3.07
sdS=522.9
fwS=2.57
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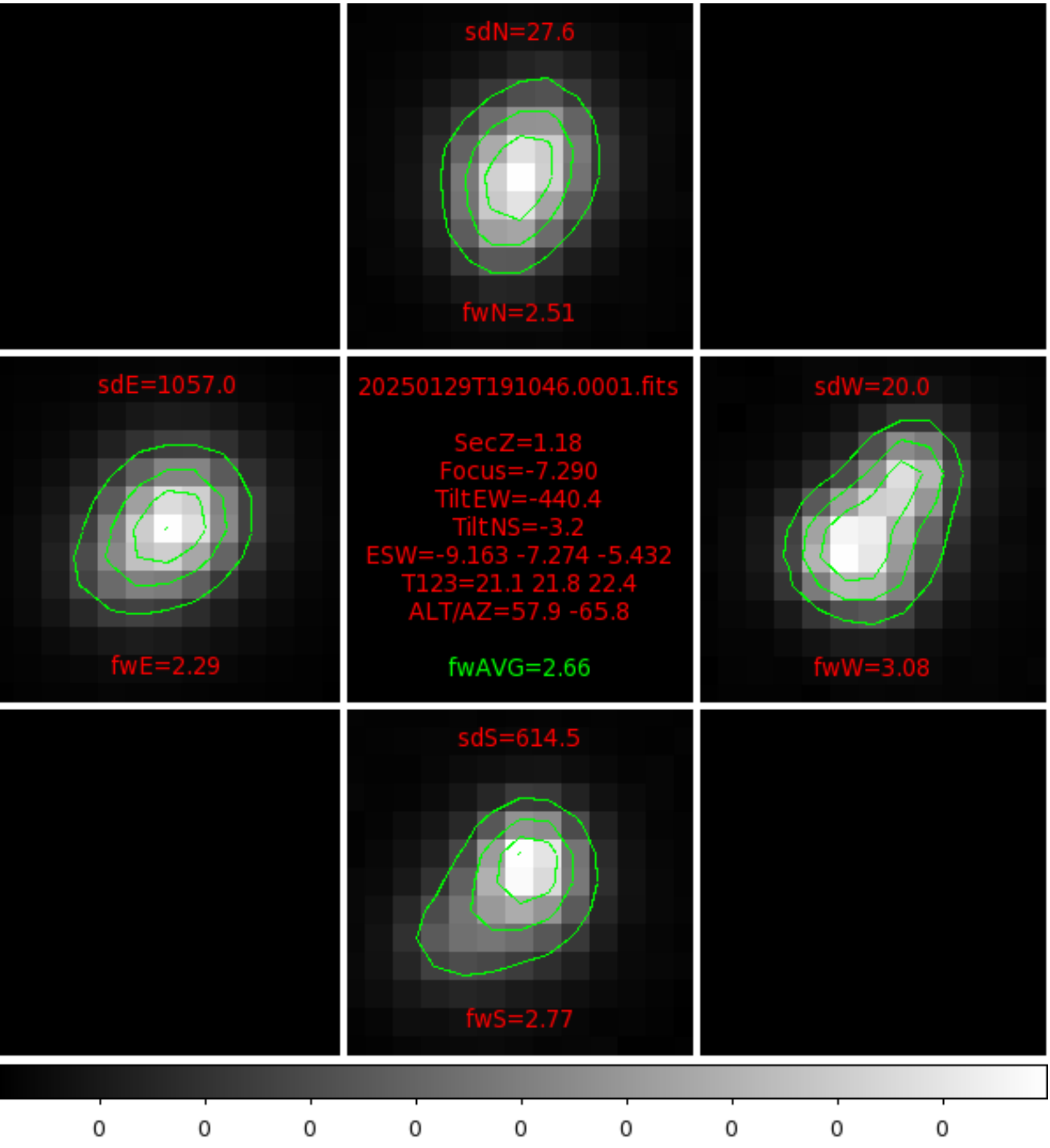
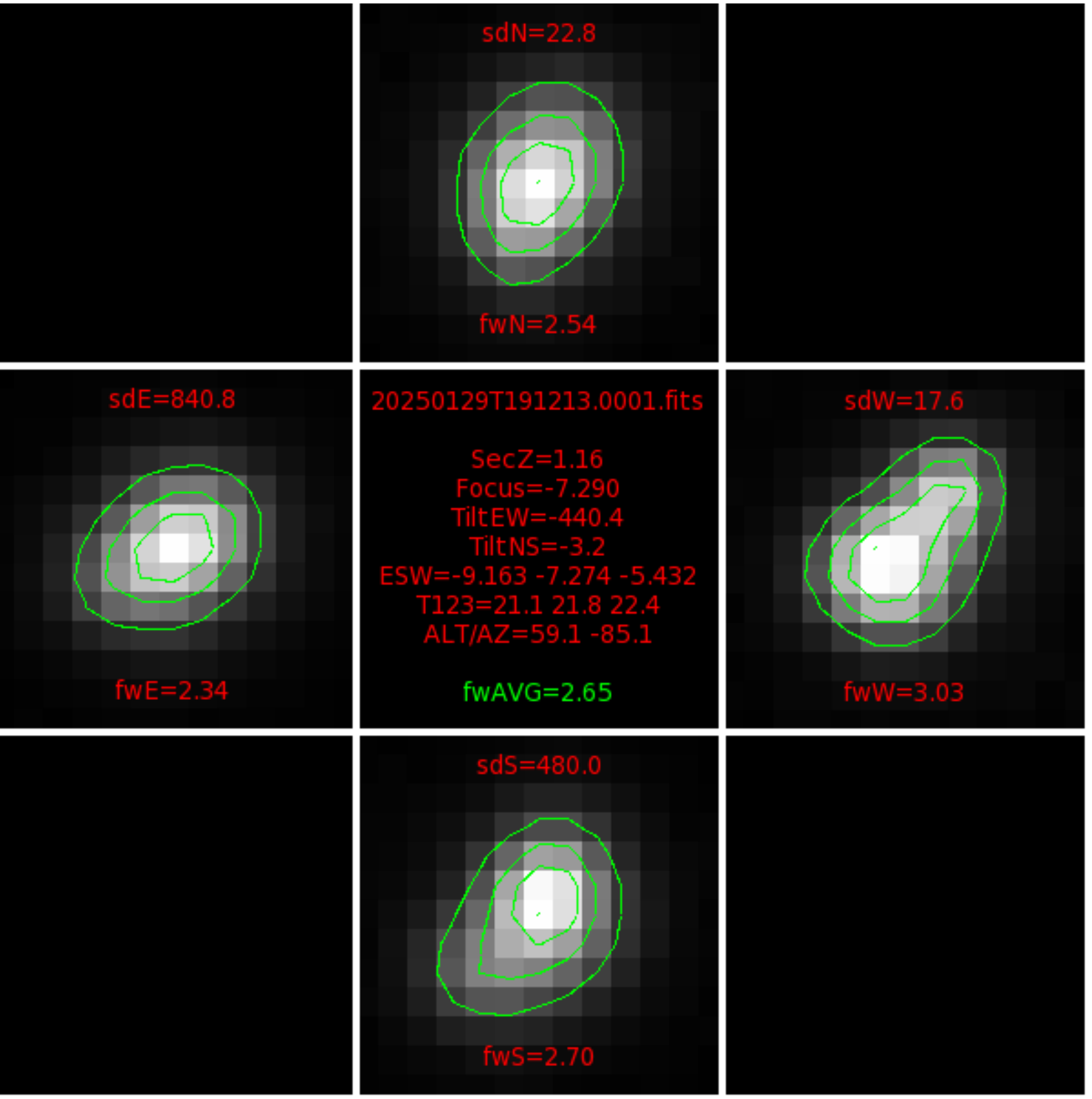
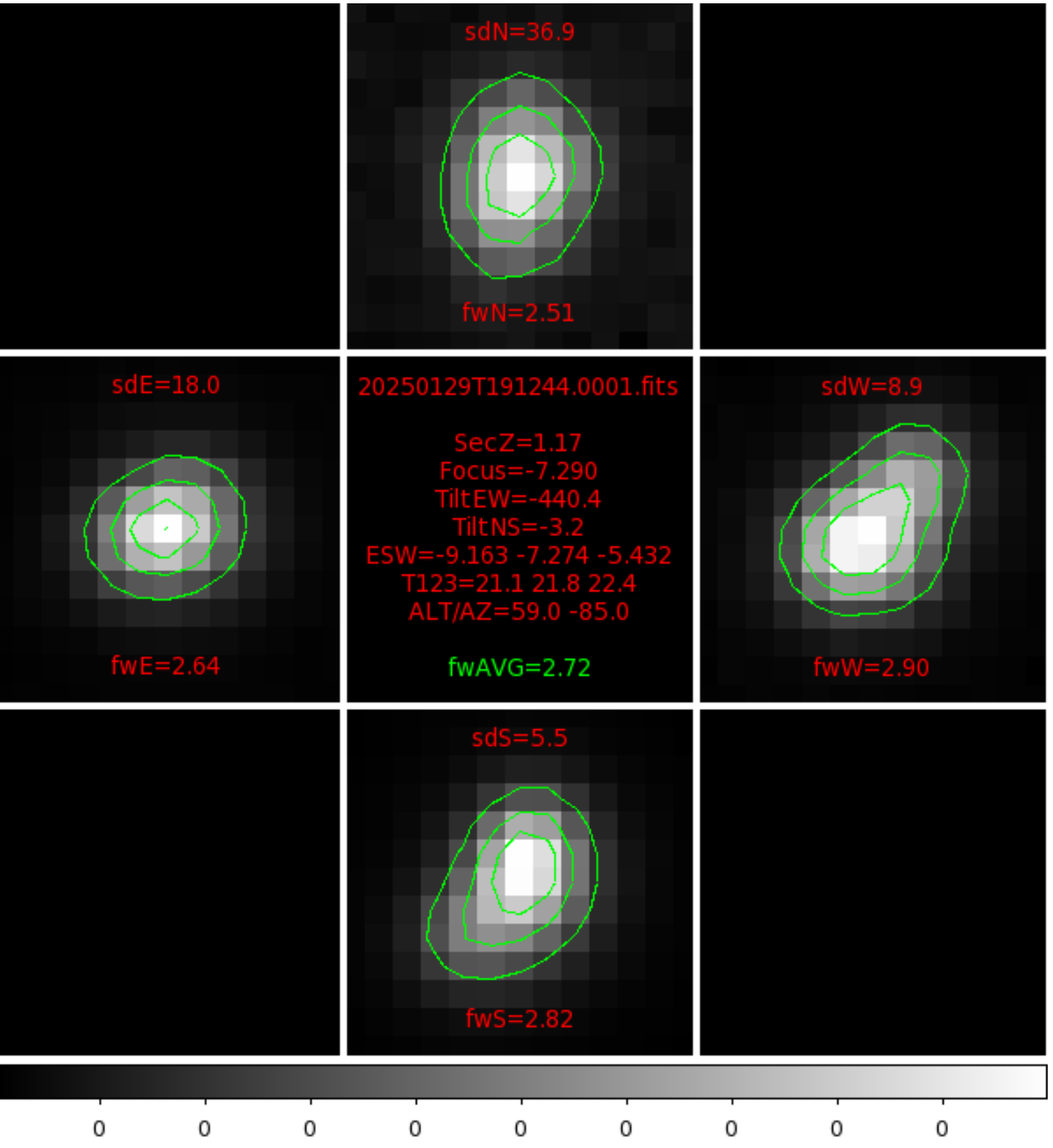

sdN=27.6
fwN=2.51
sdE=1057.0
fwE=2.29
20250129T191046.0001.fits
SecZ=1.18
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.1 21.8 22.4
ALT/AZ=57.9 -65.8
fwAVG=2.66
sdW=20.0
fwW=3.08
sdS=614.5
fwS=2.77
0 0 0 0 0 0 0 0 0


sdN=22.8
fwN=2.54
sdE=840.8
fwE=2.34
20250129T191213.0001.fits
SecZ=1.16
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.1 21.8 22.4
ALT/AZ=59.1 -85.1
fwAVG=2.65
sdW=17.6
fwW=3.03
sdS=480.0
fwS=2.70
0 0 0 0 0 0 0 0 0


sdN=36.9
fwN=2.51
sdE=18.0
fwE=2.64
20250129T191244.0001.fits
SecZ=1.17
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.1 21.8 22.4
ALT/AZ=59.0 -85.0
fwAVG=2.72
sdW=8.9
fwW=2.90
sdS=5.5
fwS=2.82
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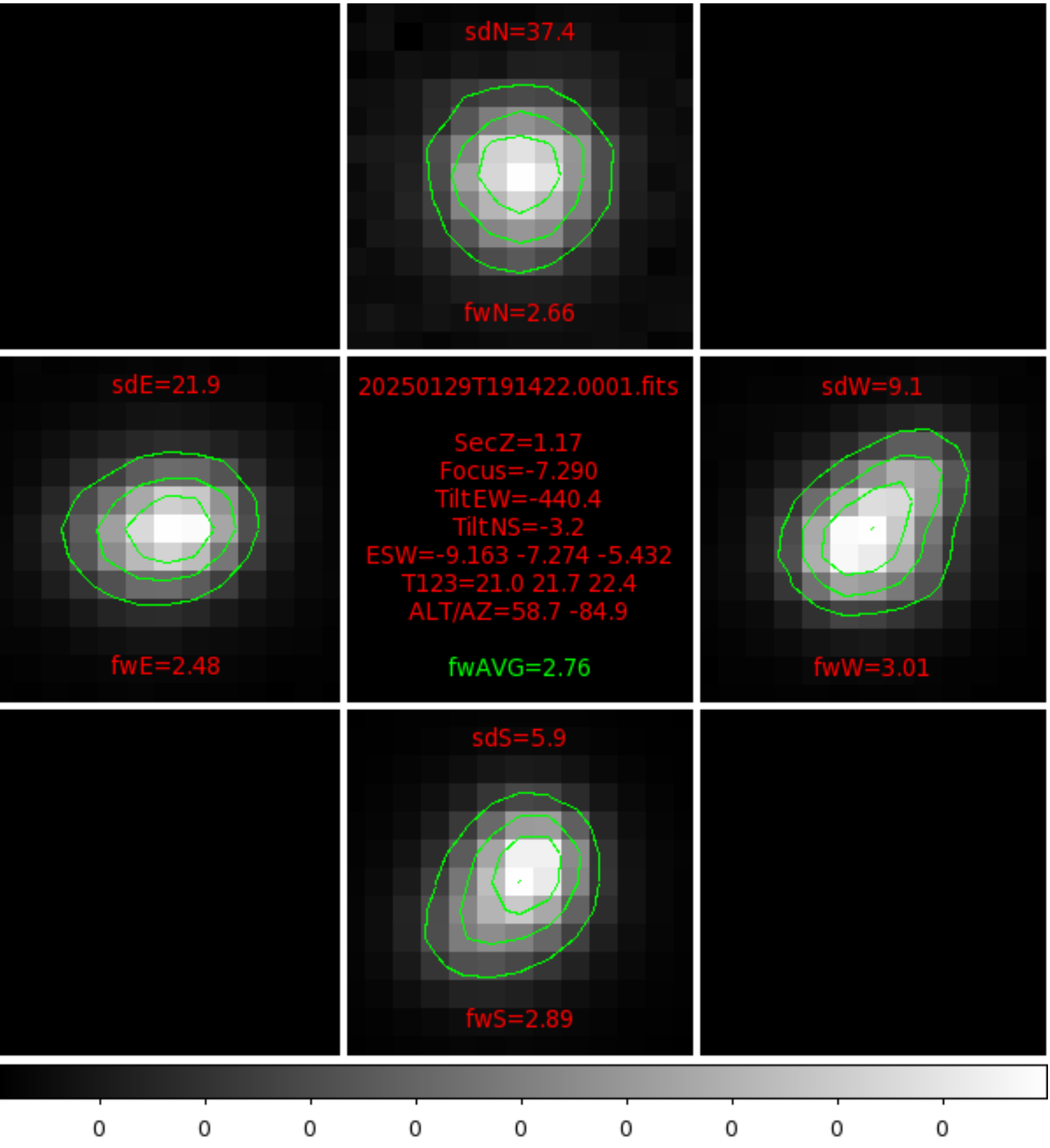
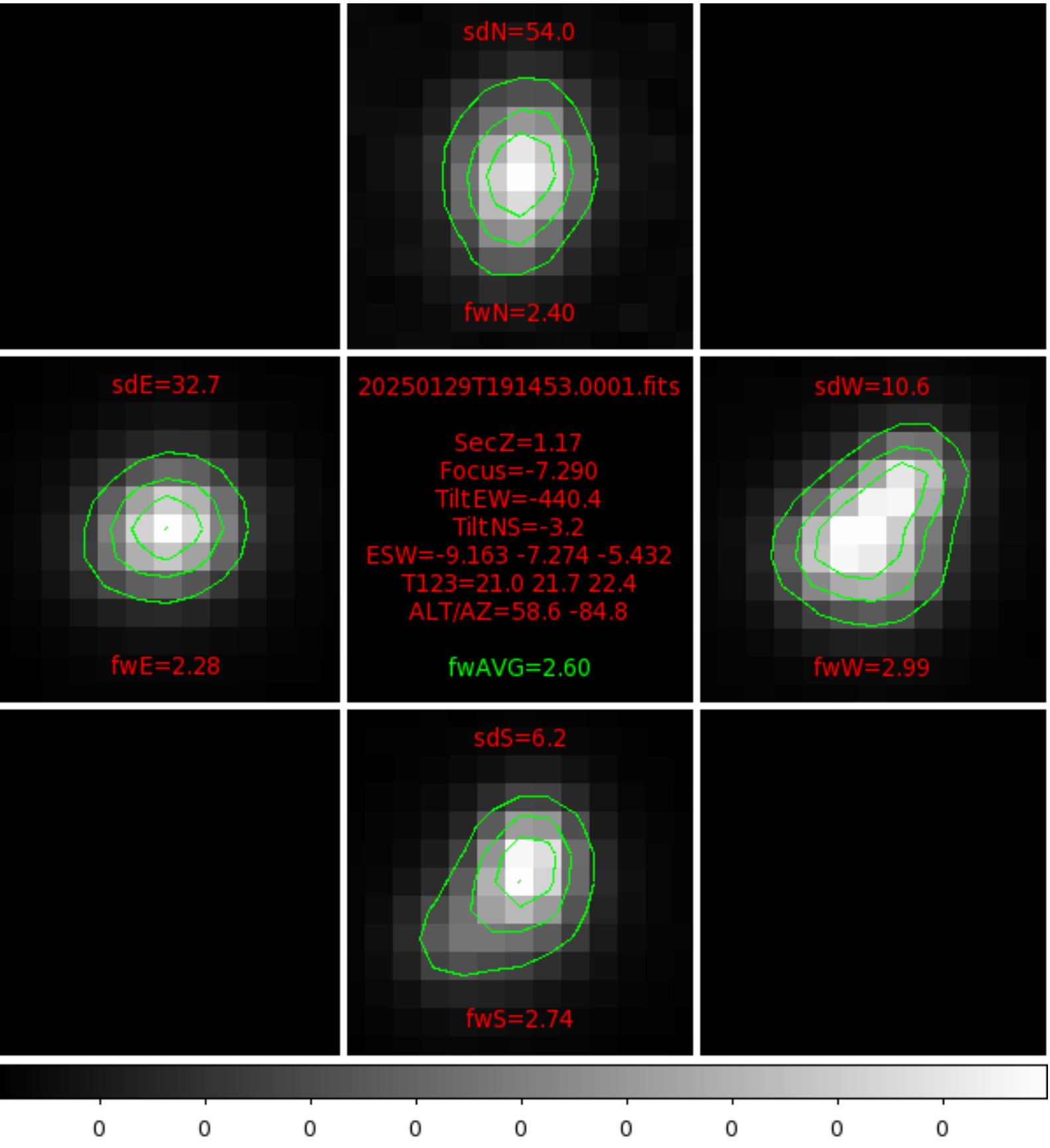
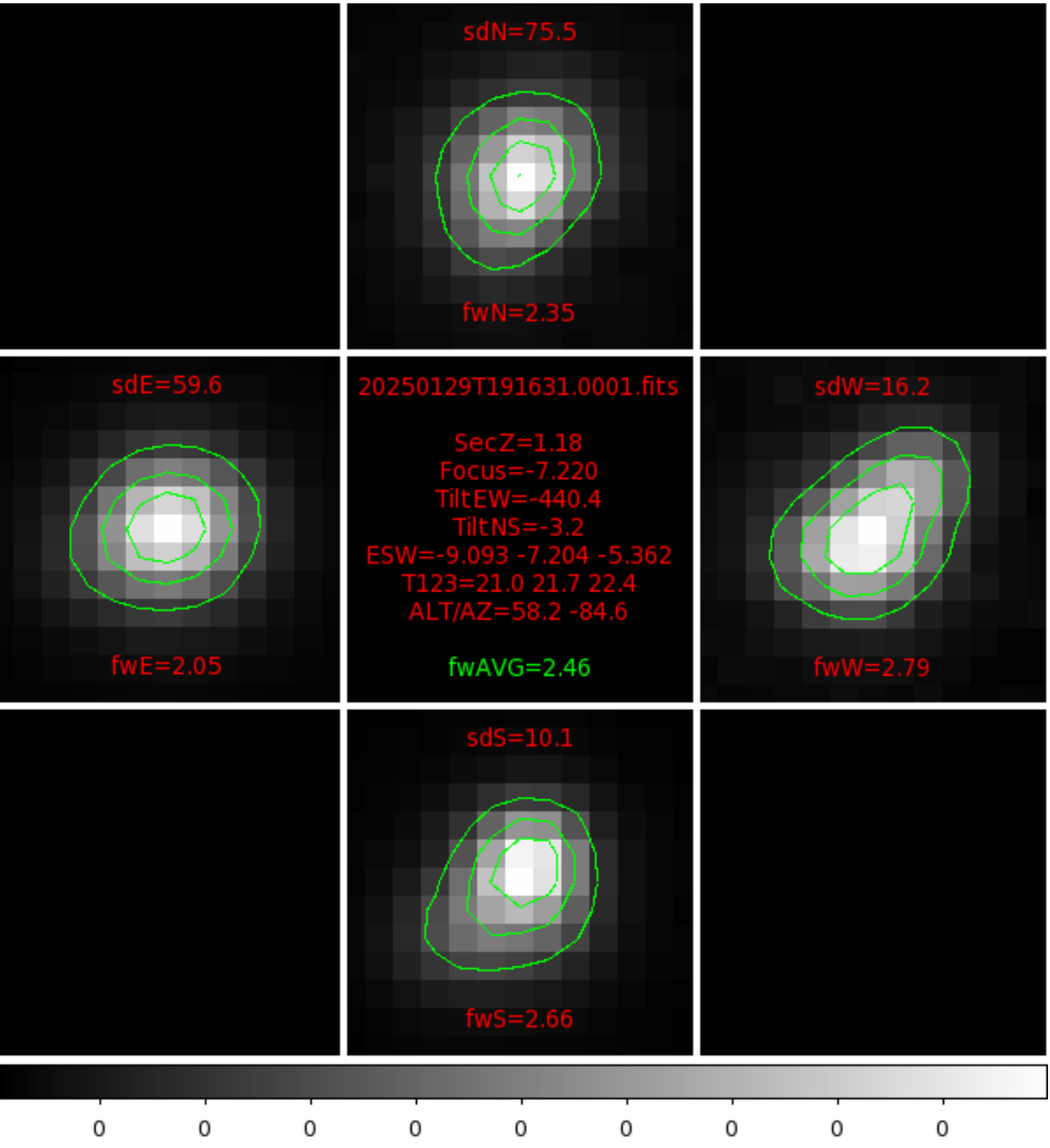
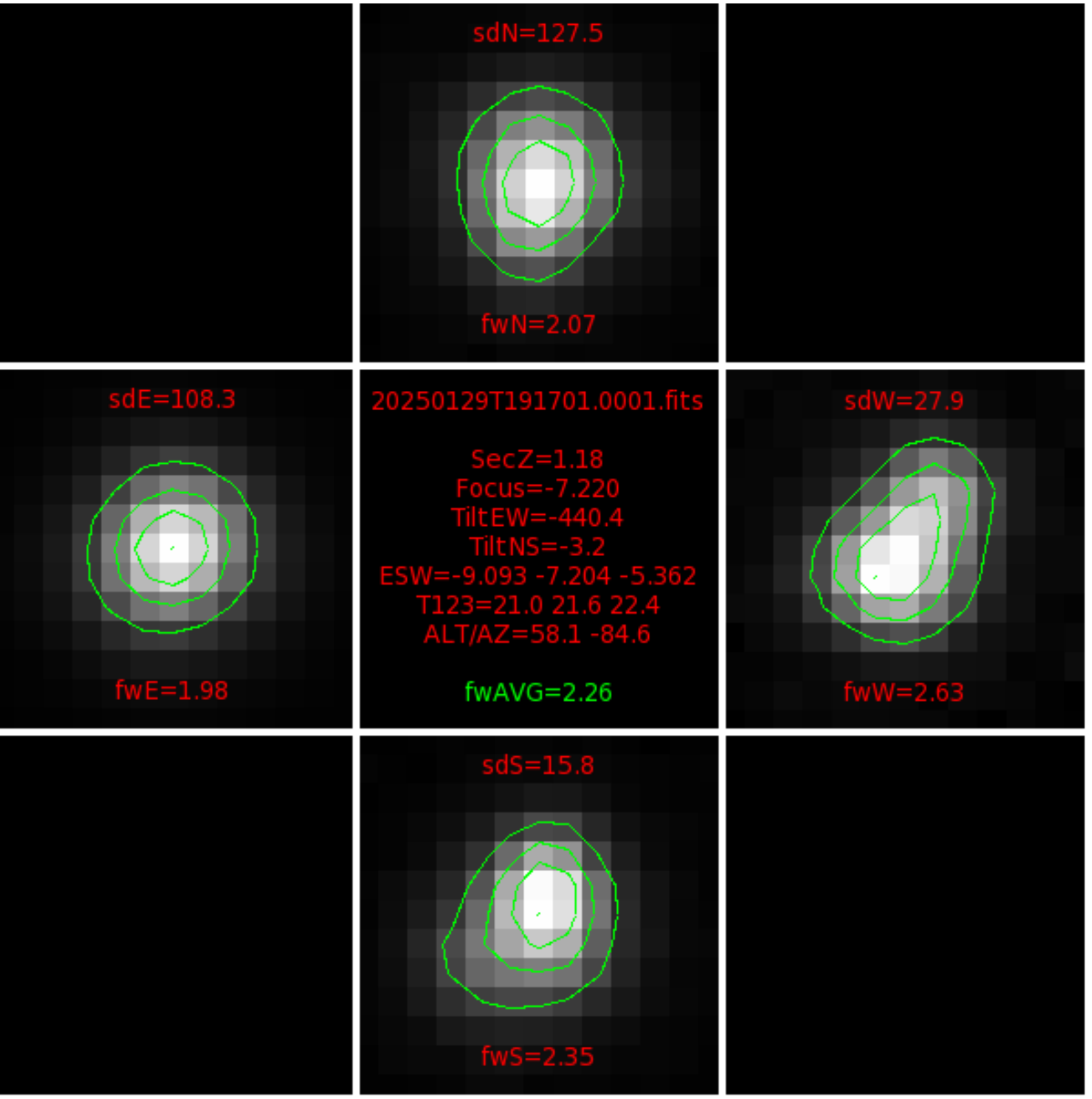
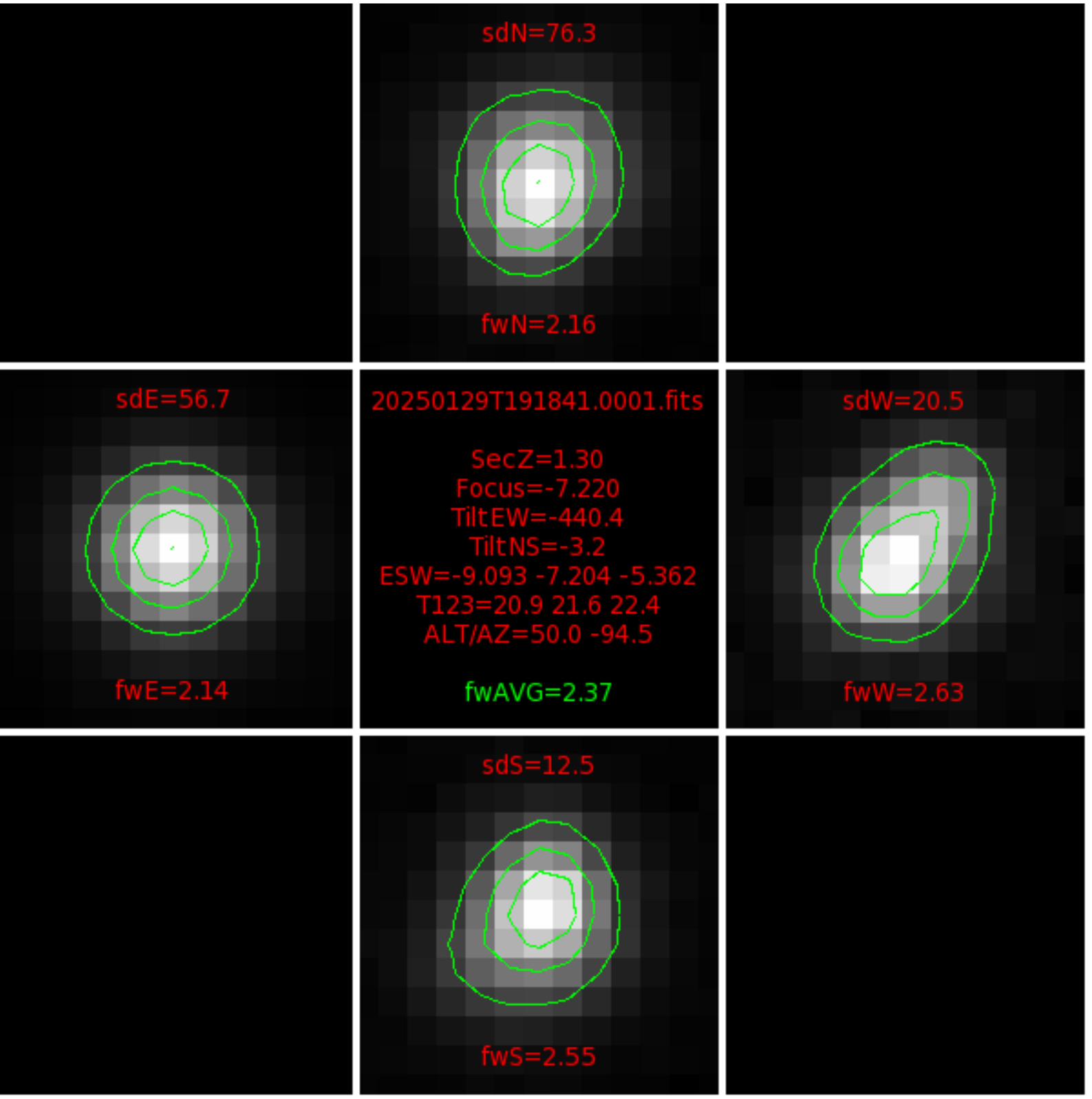
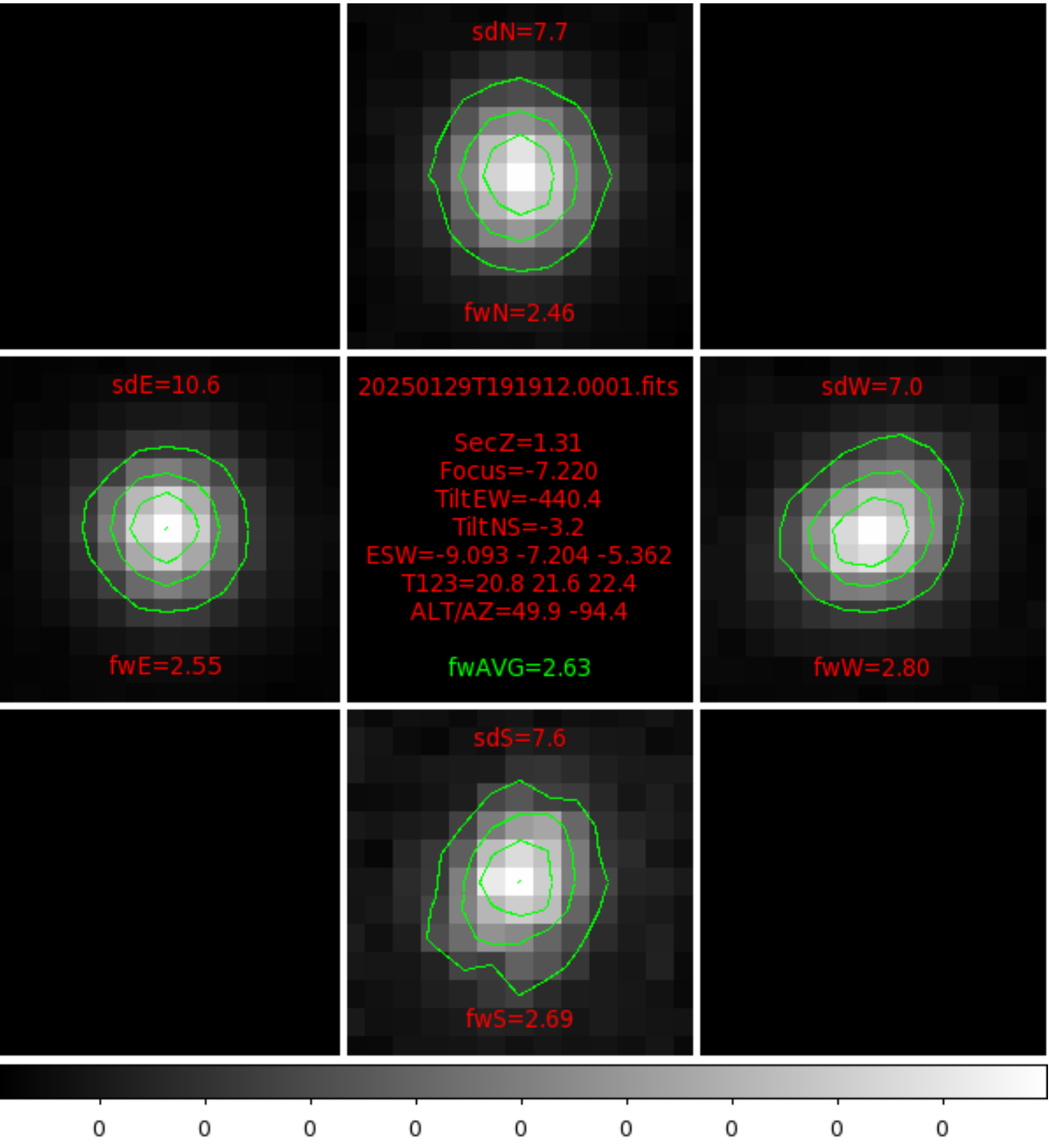

sdN=37.4
fwN=2.66
sdE=21.9
fwE=2.48
20250129T191422.0001.fits
SecZ=1.17
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.0 21.7 22.4
ALT/AZ=58.7 -84.9
fwAVG=2.76
sdW=9.1
fwW=3.01
sdS=5.9
fwS=2.89
0 0 0 0 0 0 0 0 0

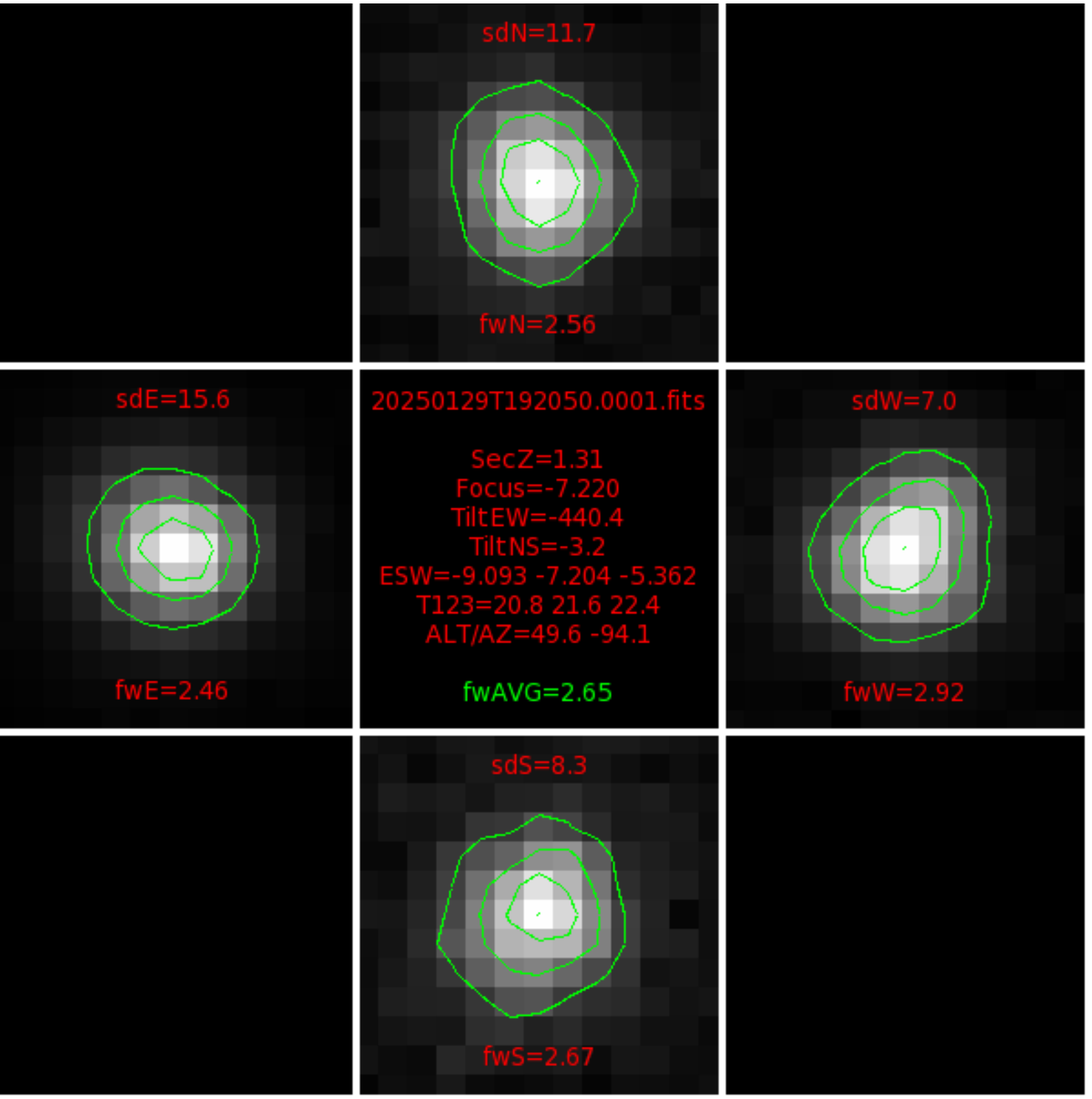

sdN=54.0
fwN=2.40
sdE=32.7
fwE=2.28
20250129T191453.0001.fits
SecZ=1.17
Focus=-7.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.163 -7.274 -5.432
T123=21.0 21.7 22.4
ALT/AZ=58.6 -84.8
fwAVG=2.60
sdW=10.6
fwW=2.99
sdS=6.2
fwS=2.74
0 0 0 0 0 0 0 0 0


sdN=75.5
fwN=2.35
sdE=59.6
fwE=2.05
20250129T191631.0001.fits
SecZ=1.18
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=21.0 21.7 22.4
ALT/AZ=58.2 -84.6
fwAVG=2.46
sdW=16.2
fwW=2.79
sdS=10.1
fwS=2.66
0 0 0 0 0 0 0 0 0


sdN=127.5
fwN=2.07
sdE=108.3
fwE=1.98
20250129T191701.0001.fits
SecZ=1.18
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=21.0 21.6 22.4
ALT/AZ=58.1 -84.6
fwAVG=2.26
sdW=27.9
fwW=2.63
sdS=15.8
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=76.3
fwN=2.16
sdE=56.7
fwE=2.14
20250129T191841.0001.fits
SecZ=1.30
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.9 21.6 22.4
ALT/AZ=50.0 -94.5
fwAVG=2.37
sdW=20.5
fwW=2.63
sdS=12.5
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=7.7
fwN=2.46
sdE=10.6
fwE=2.55
20250129T191912.0001.fits
SecZ=1.31
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.6 22.4
ALT/AZ=49.9 -94.4
fwAVG=2.63
sdW=7.0
fwW=2.80
sdS=7.6
fwS=2.69
0 0 0 0 0 0 0 0 0


sdN=11.7
fwN=2.56
sdE=15.6
fwE=2.46
20250129T192050.0001.fits
SecZ=1.31
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.6 22.4
ALT/AZ=49.6 -94.1
fwAVG=2.65
sdW=7.0
fwW=2.92
sdS=8.3
fwS=2.67
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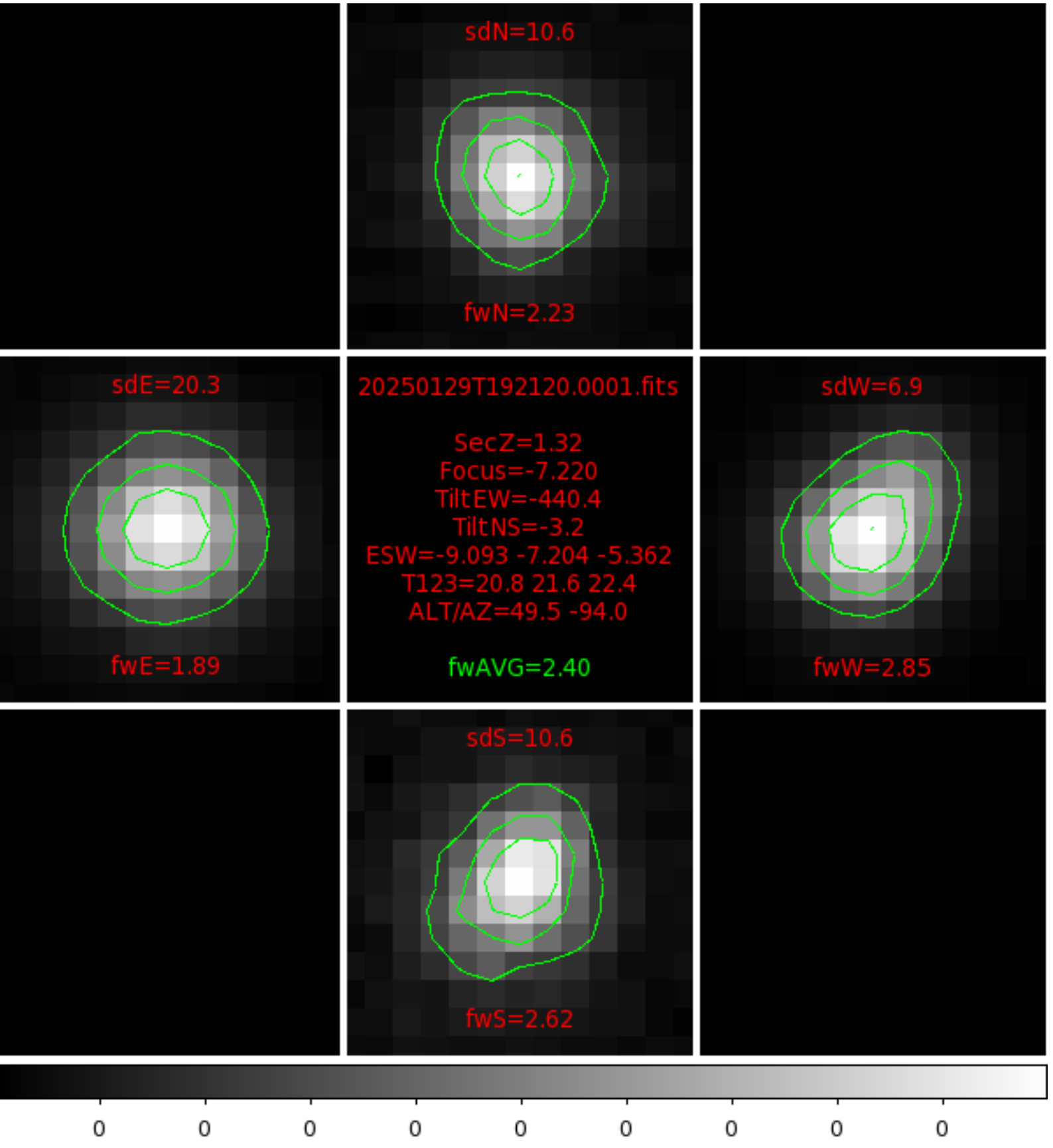
sdN=10.6
fwN=2.23
sdE=20.3
fwE=1.89
20250129T192120.0001.fits
SecZ=1.32
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.6 22.4
ALT/AZ=49.5 -94.0
fwAVG=2.40
sdW=6.9
fwW=2.85
sdS=10.6
fwS=2.62
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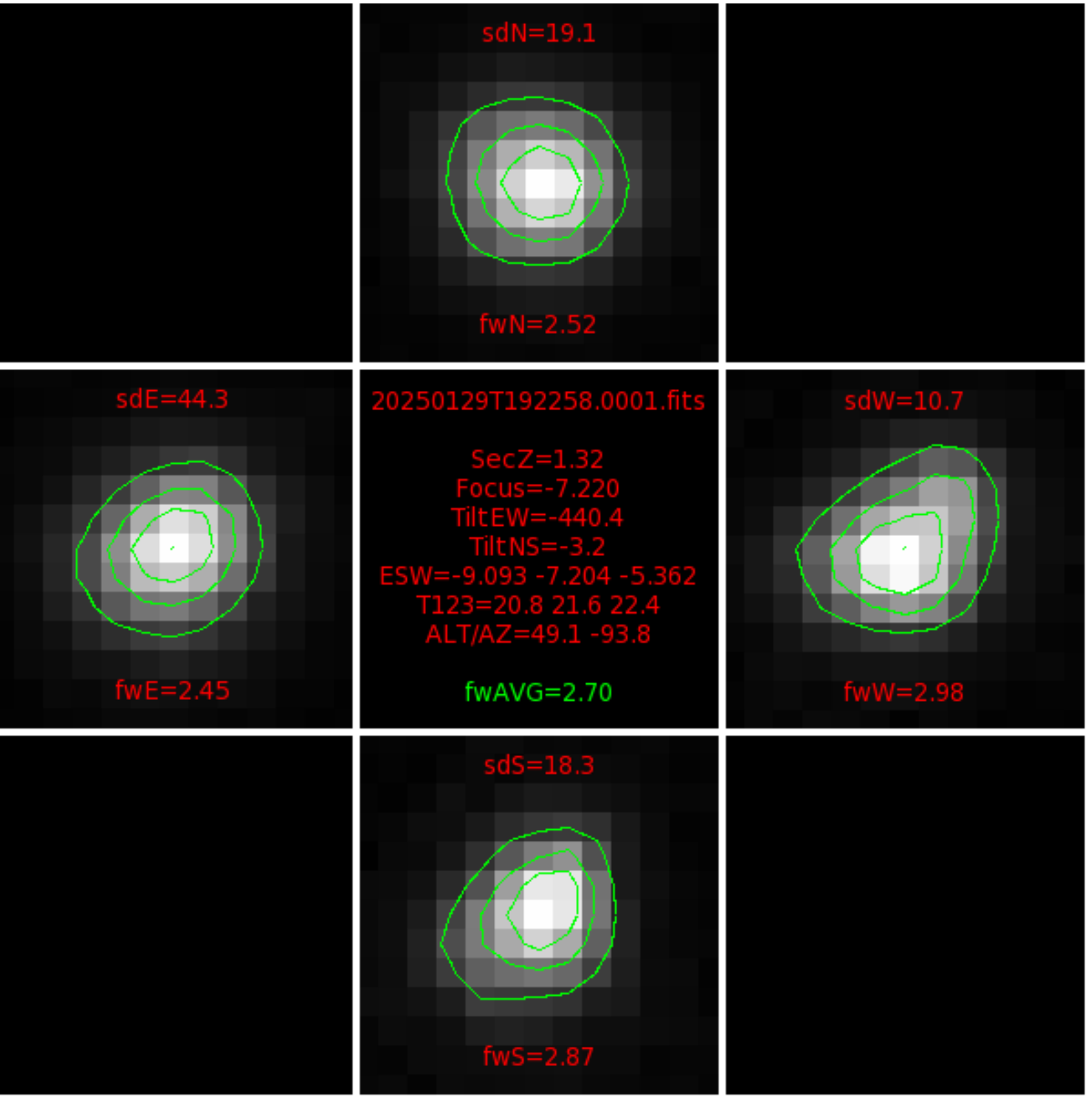
sdN=19.1
fwN=2.52
sdE=44.3
fwE=2.45
20250129T192258.0001.fits
SecZ=1.32
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.6 22.4
ALT/AZ=49.1 -93.8
fwAVG=2.70
sdW=10.7
fwW=2.98
sdS=18.3
fwS=2.87
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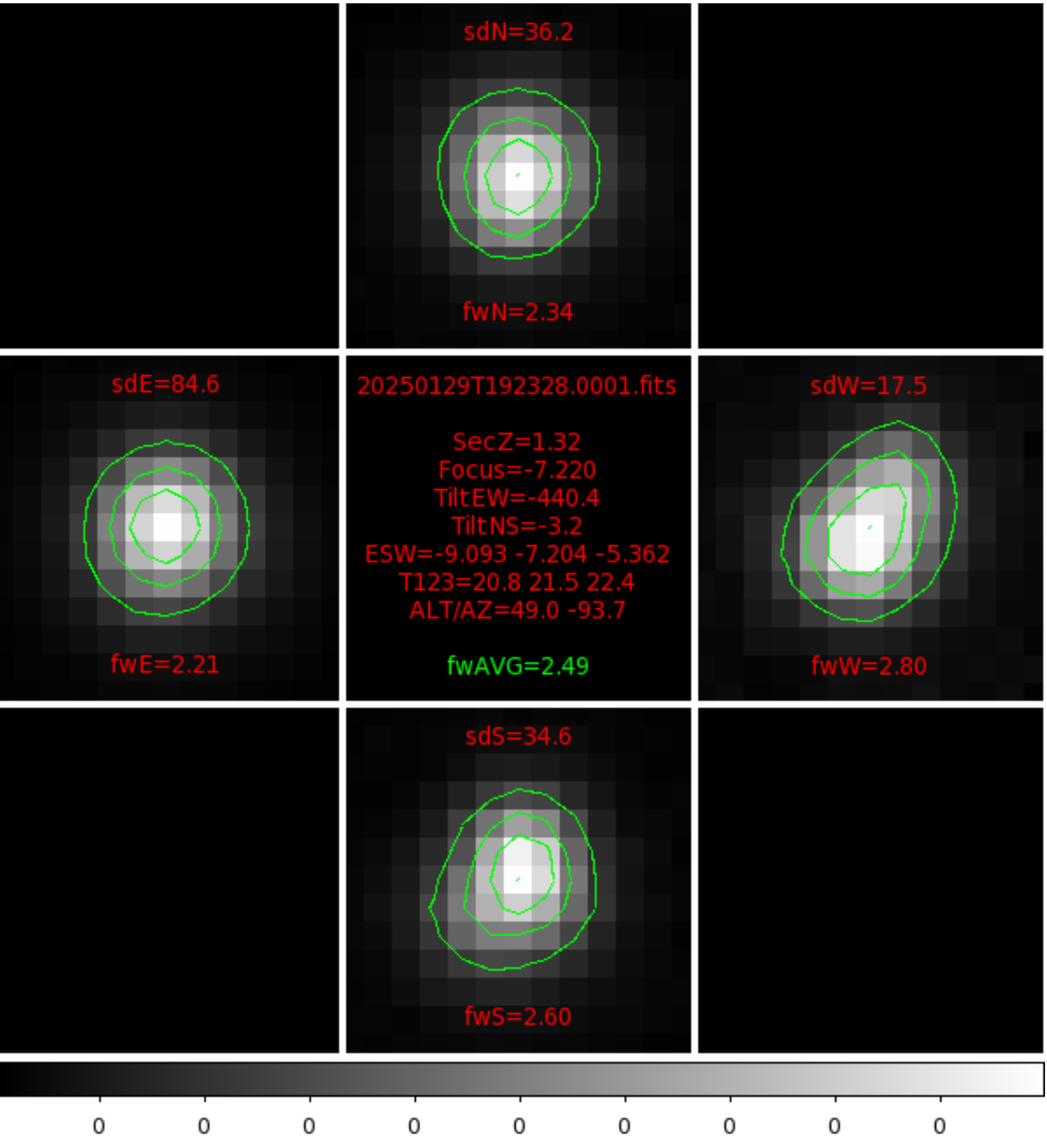
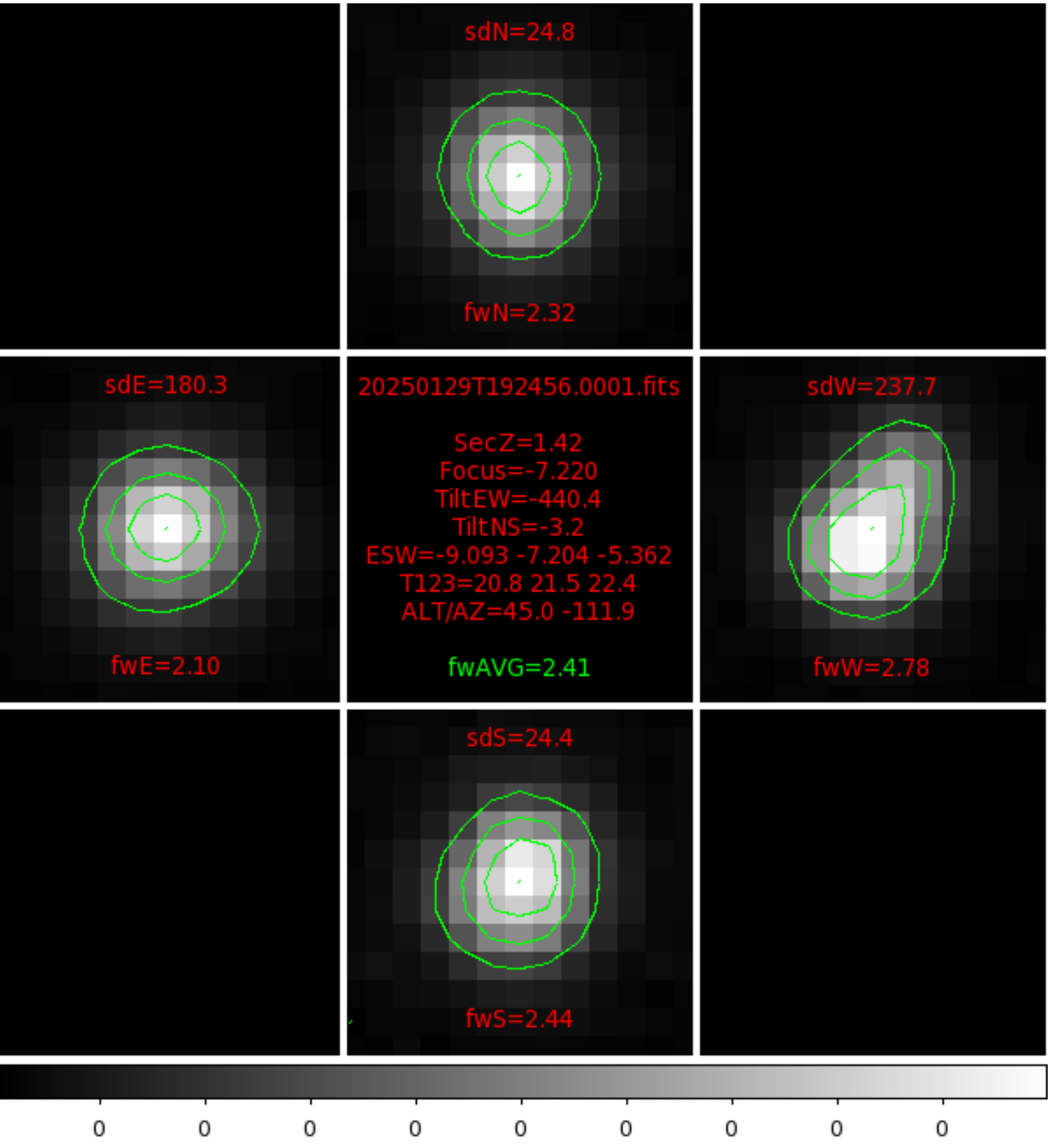

sdN=36.2
fwN=2.34
sdE=84.6
fwE=2.21
20250129T192328.0001.fits
SecZ=1.32
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.5 22.4
ALT/AZ=49.0 -93.7
fwAVG=2.49
sdW=17.5
fwW=2.80
sdS=34.6
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=24.8
fwN=2.32
sdE=180.3
fwE=2.10
20250129T192456.0001.fits
SecZ=1.42
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.5 22.4
ALT/AZ=45.0 -111.9
fwAVG=2.41
sdW=237.7
fwW=2.78
sdS=24.4
fwS=2.44
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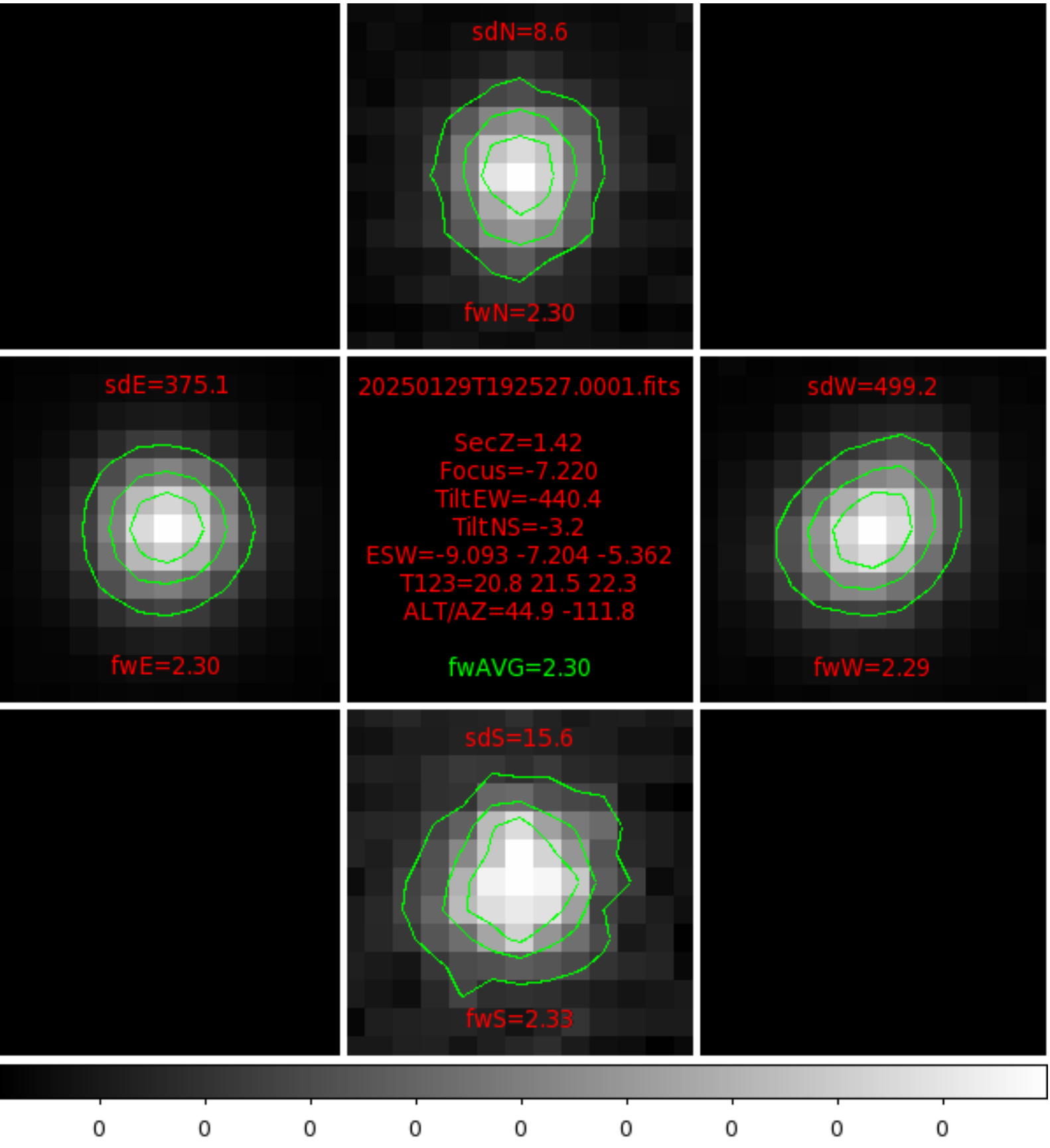
sdN=8.6
fwN=2.30
sdE=375.1
fwE=2.30
20250129T192527.0001.fits
SecZ=1.42
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.5 22.3
ALT/AZ=44.9 -111.8
fwAVG=2.30
sdW=499.2
fwW=2.29
sdS=15.6
fwS=2.33
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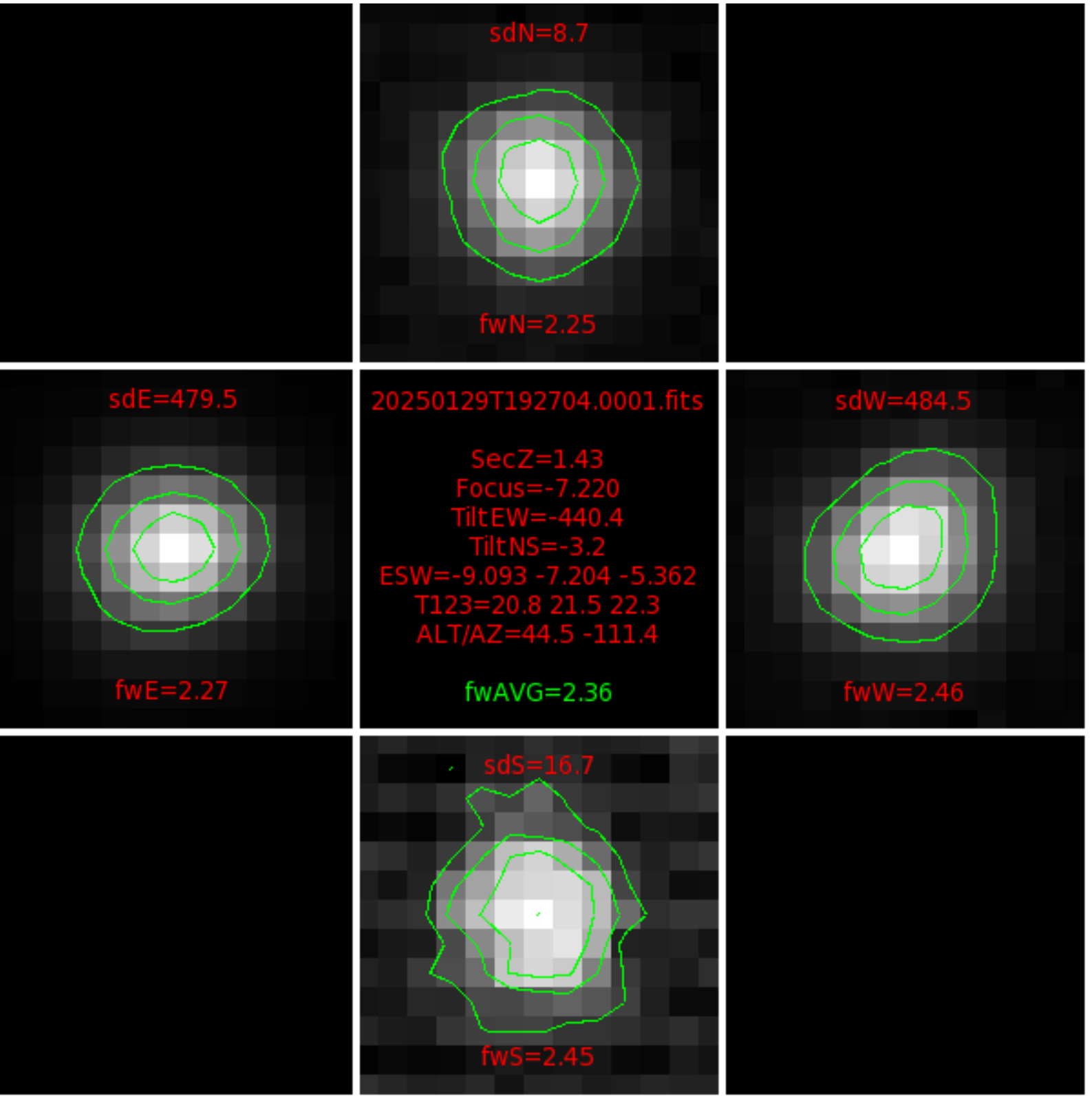
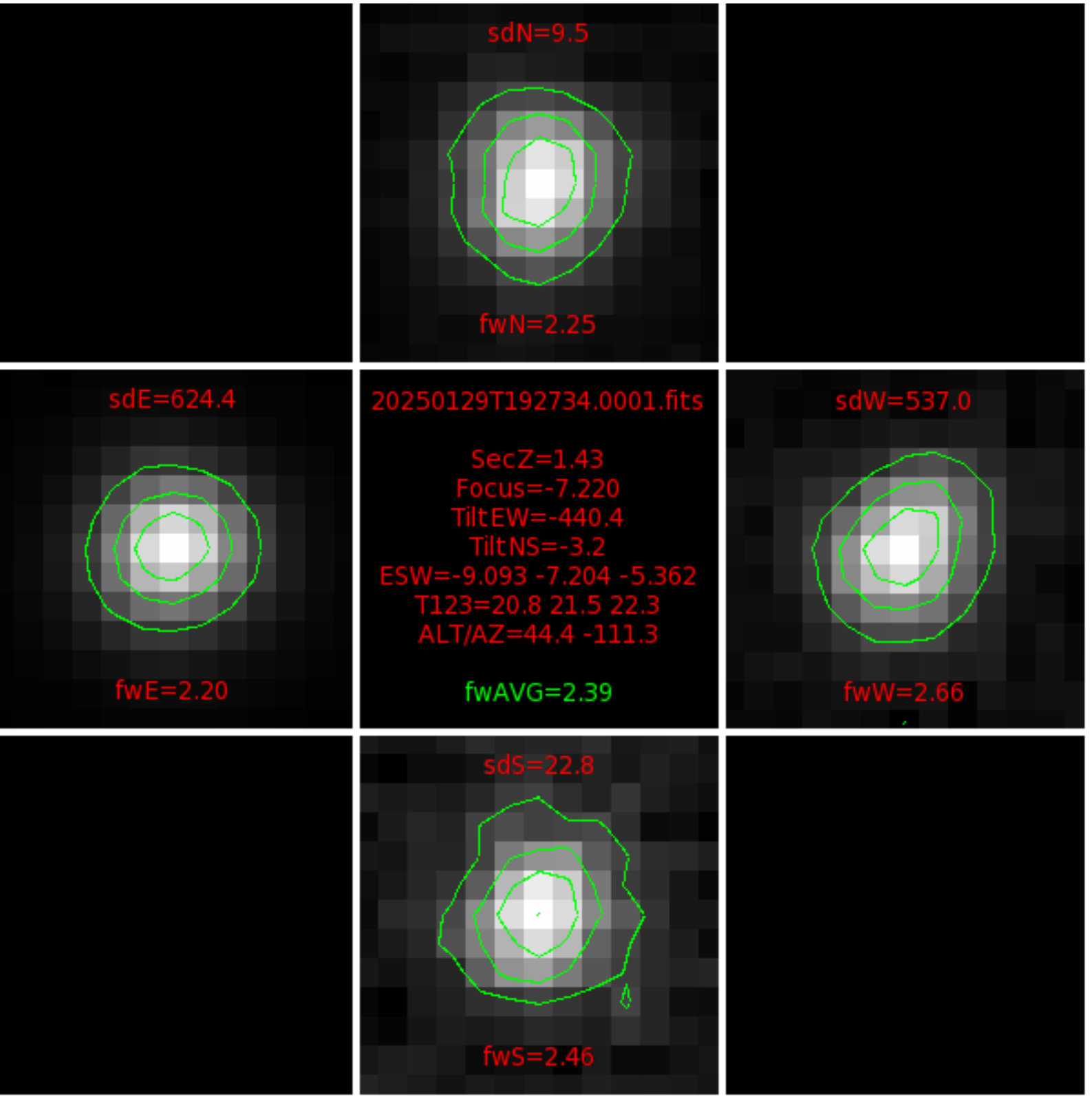
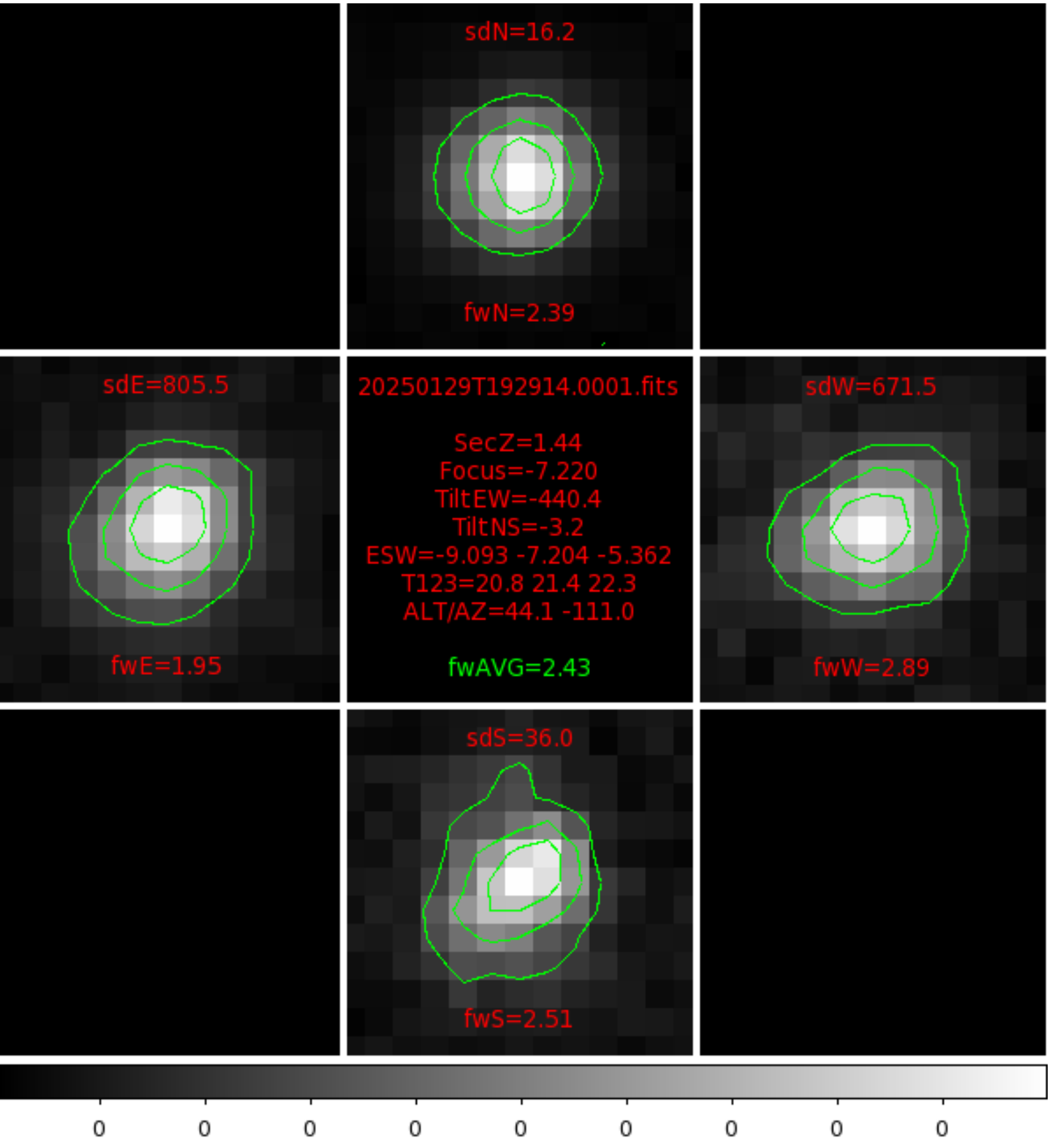

sdN=8.7
fwN=2.25
sdE=479.5
fwE=2.27
20250129T192704.0001.fits
SecZ=1.43
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.5 22.3
ALT/AZ=44.5 -111.4
fwAVG=2.36
sdW=484.5
fwW=2.46
sdS=16.7
fwS=2.45
0 0 0 0 0 0 0 0 0


sdN=9.5
fwN=2.25
sdE=624.4
fwE=2.20
20250129T192734.0001.fits
SecZ=1.43
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.5 22.3
ALT/AZ=44.4 -111.3
fwAVG=2.39
sdW=537.0
fwW=2.66
sdS=22.8
fwS=2.46
0 0 0 0 0 0 0 0 0


sdN=16.2
fwN=2.39
sdE=805.5
fwE=1.95
20250129T192914.0001.fits
SecZ=1.44
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.4 22.3
ALT/AZ=44.1 -111.0
fwAVG=2.43
sdW=671.5
fwW=2.89
sdS=36.0
fwS=2.51
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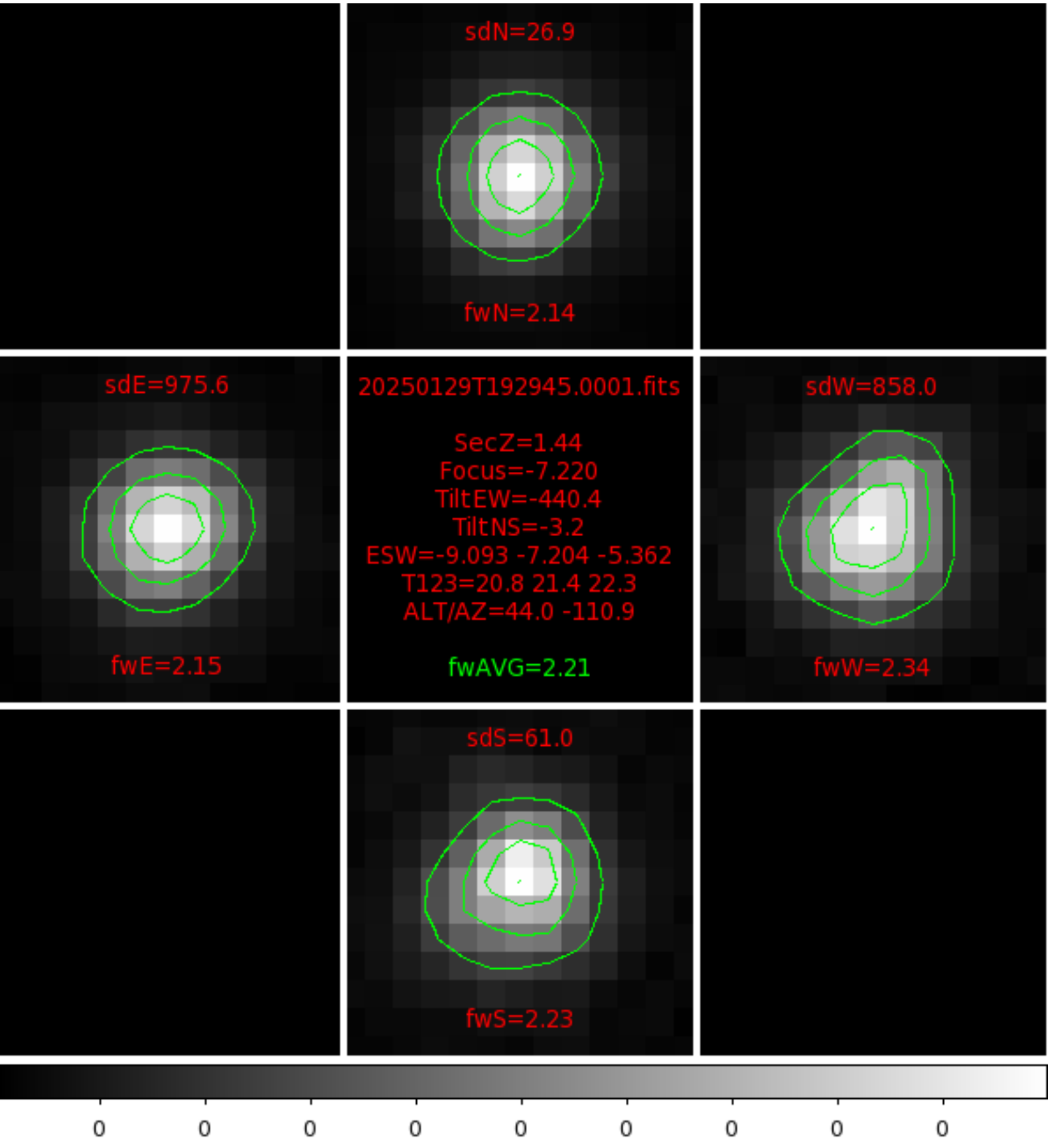
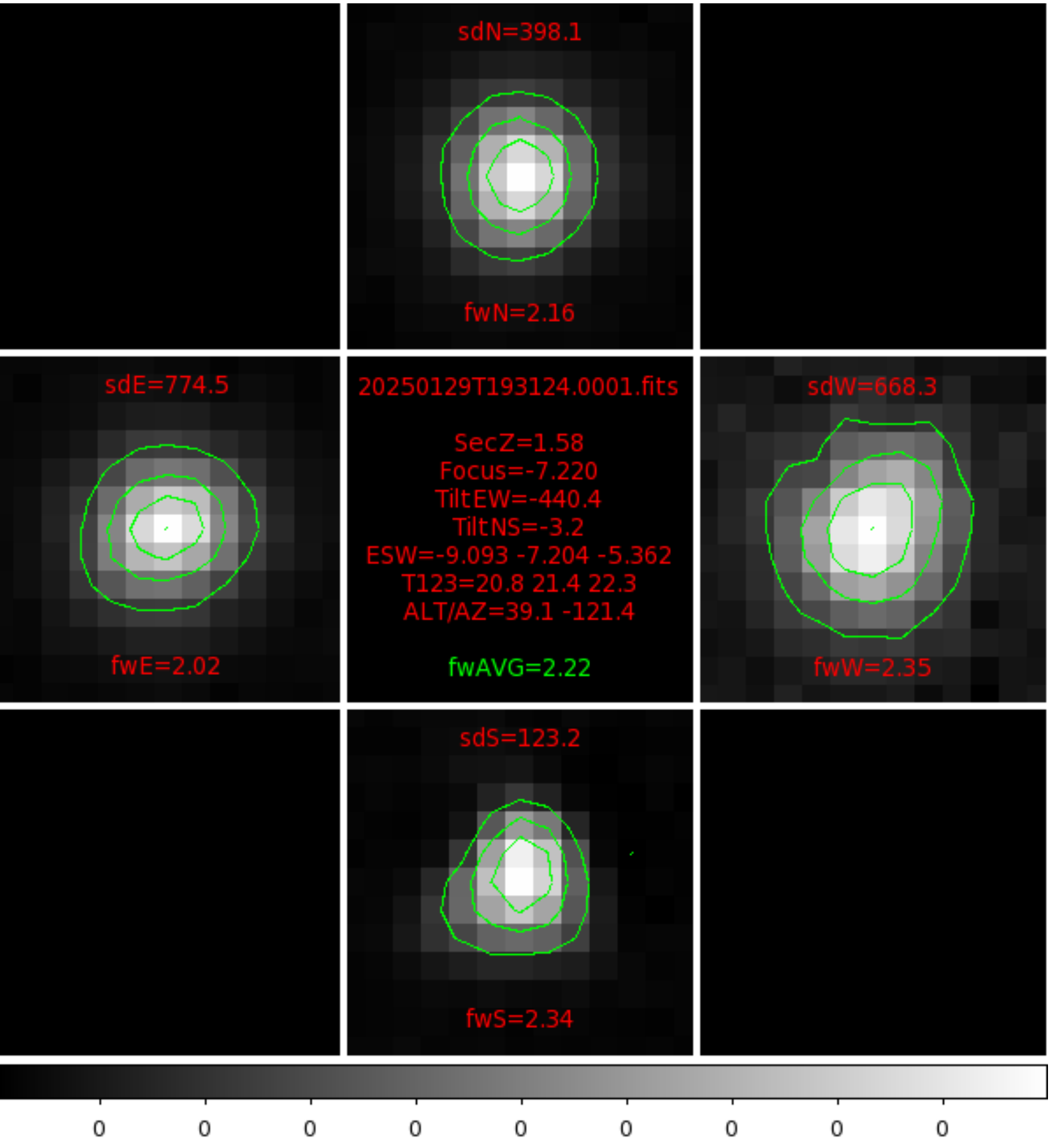
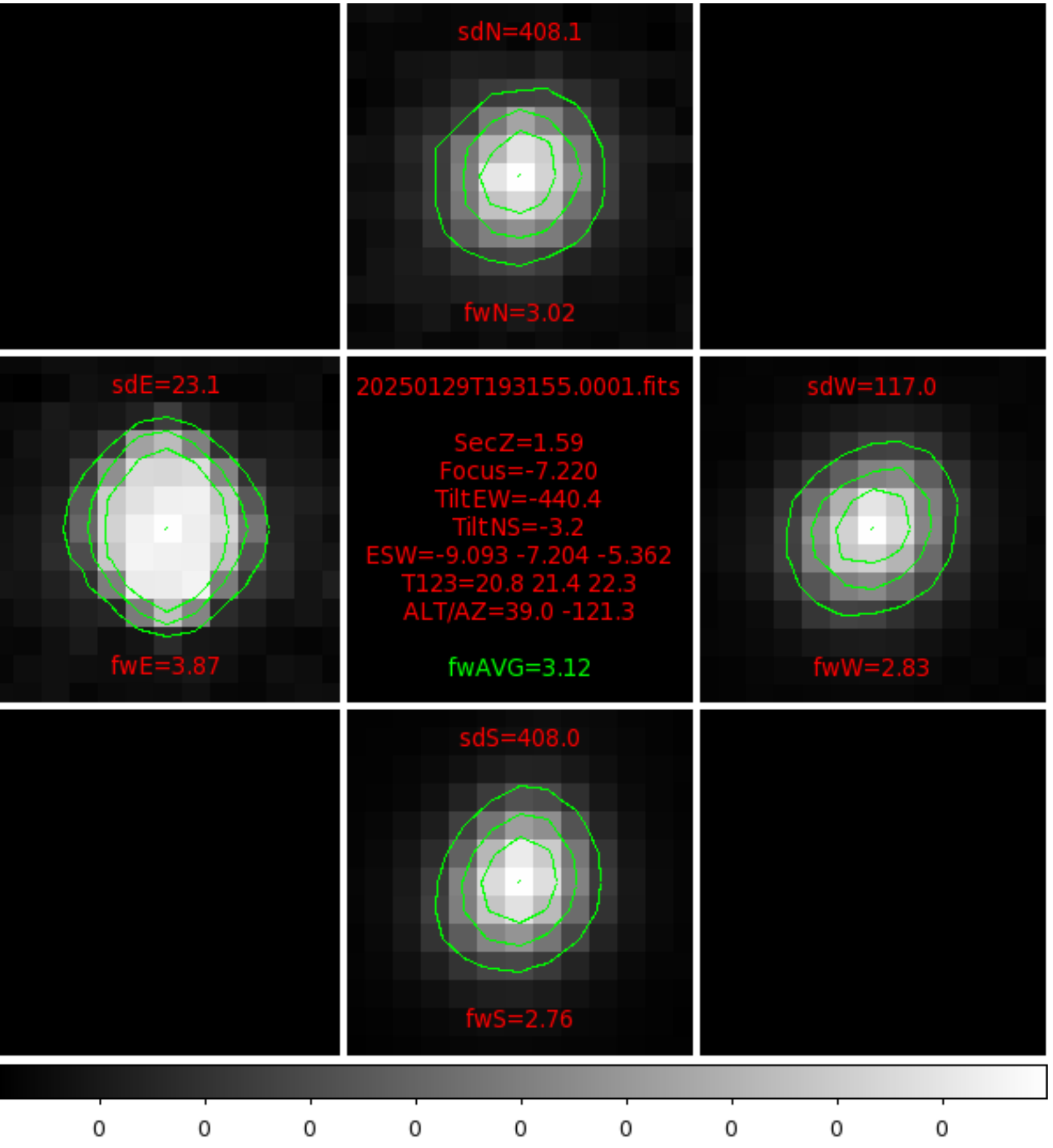
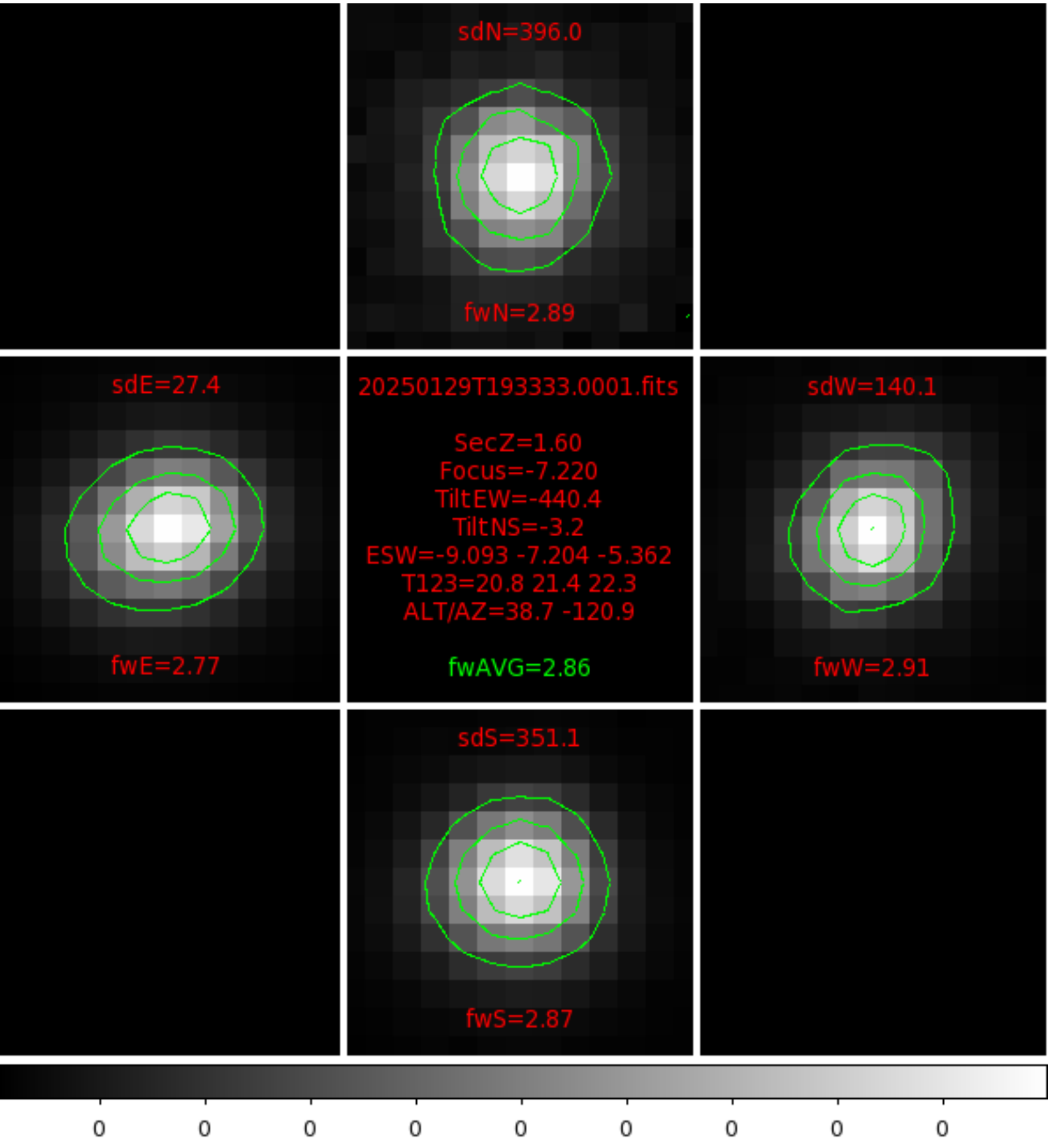
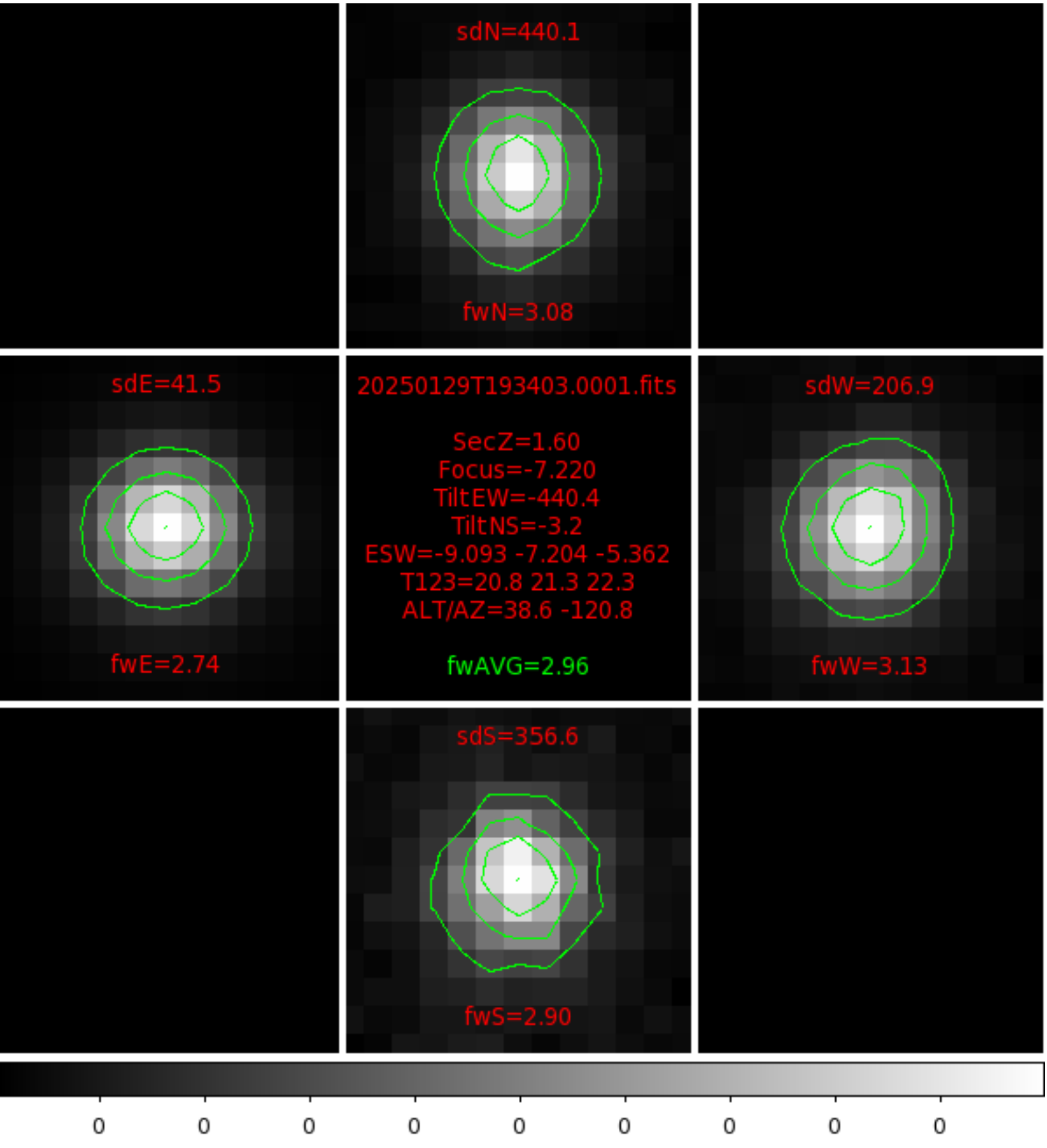
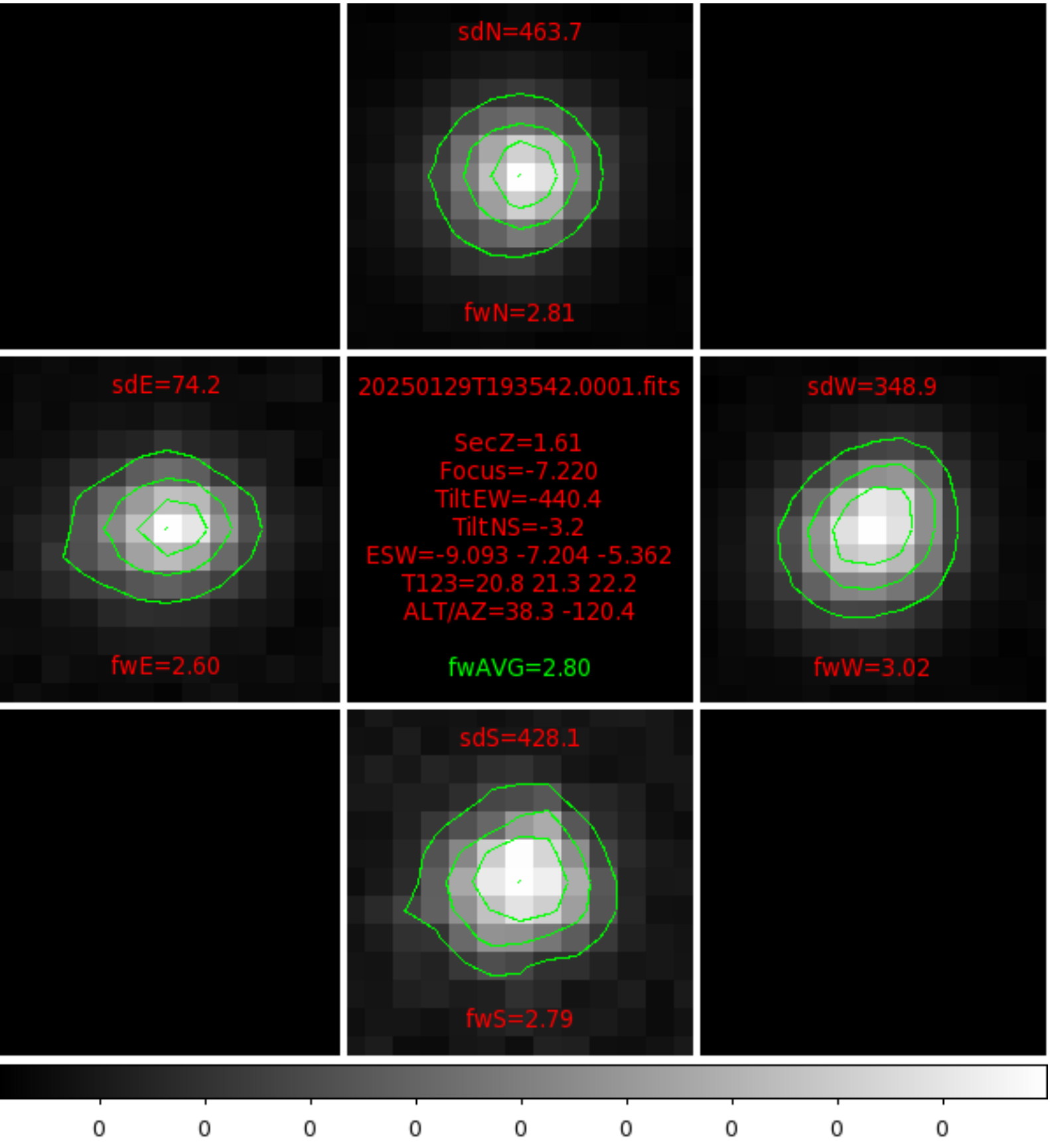

sdN=26.9
fwN=2.14
sdE=975.6
fwE=2.15
20250129T192945.0001.fits
SecZ=1.44
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.4 22.3
ALT/AZ=44.0 -110.9
fwAVG=2.21
sdW=858.0
fwW=2.34
sdS=61.0
fwS=2.23
0 0 0 0 0 0 0 0 0

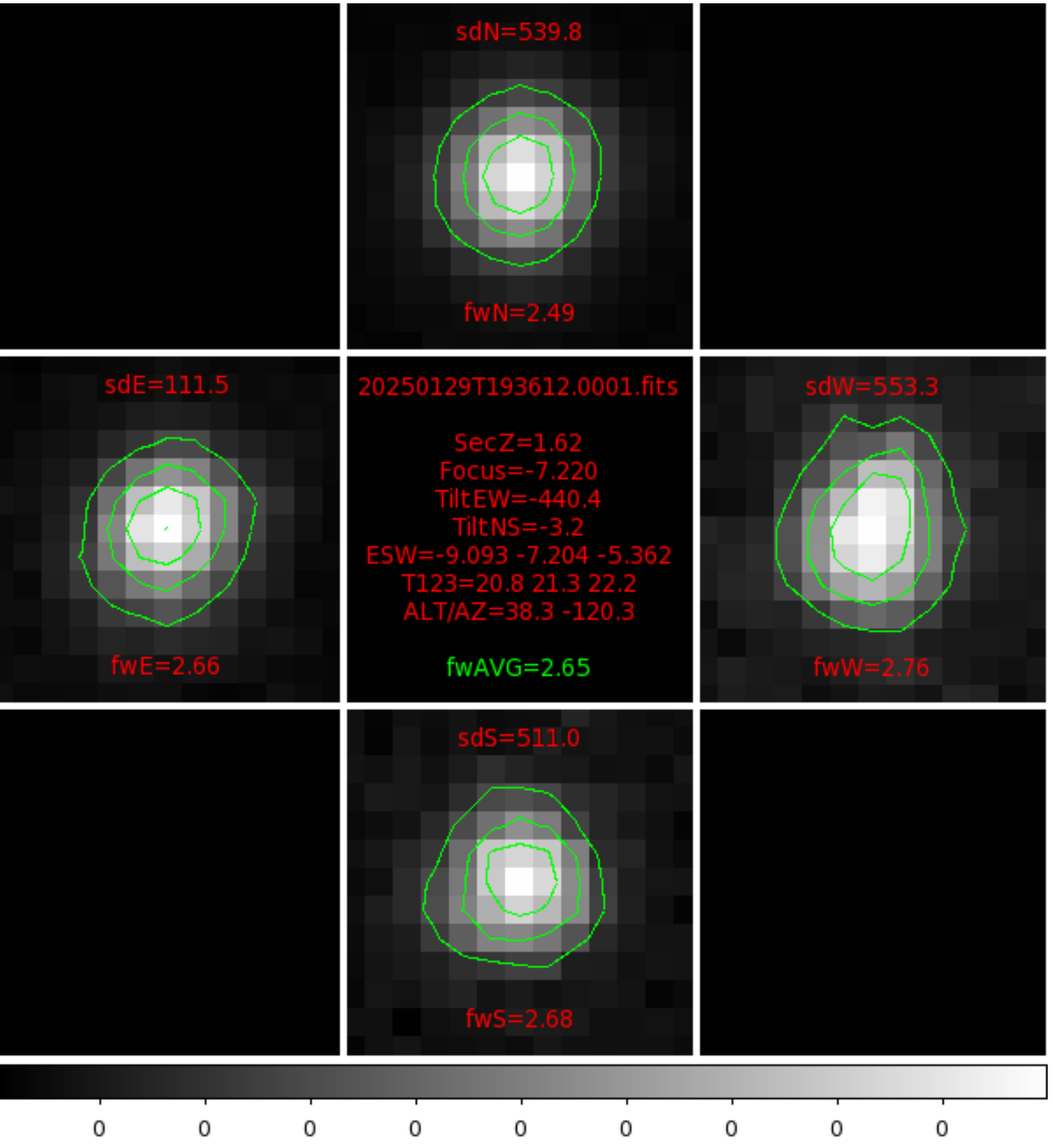

sdN=398.1
fwN=2.16
sdE=774.5
fwE=2.02
20250129T193124.0001.fits
SecZ=1.58
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.4 22.3
ALT/AZ=39.1 -121.4
fwAVG=2.22
sdW=668.3
fwW=2.35
sdS=123.2
fwS=2.34
0 0 0 0 0 0 0 0 0

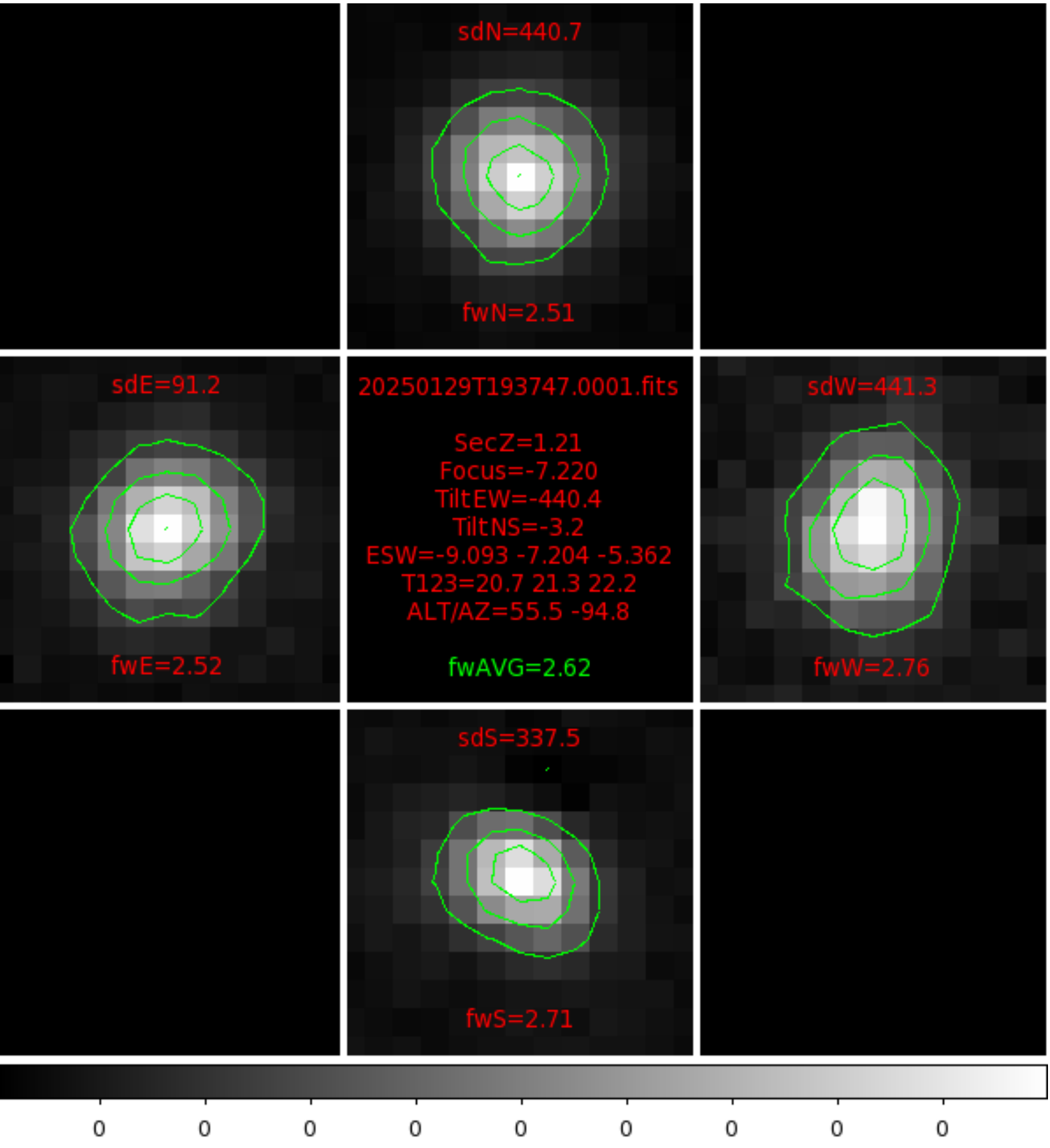

sdN=408.1
fwN=3.02
sdE=23.1
fwE=3.87
20250129T193155.0001.fits
SecZ=1.59
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.4 22.3
ALT/AZ=39.0 -121.3
fwAVG=3.12
sdW=117.0
fwW=2.83
sdS=408.0
fwS=2.76
0 0 0 0 0 0 0 0 0

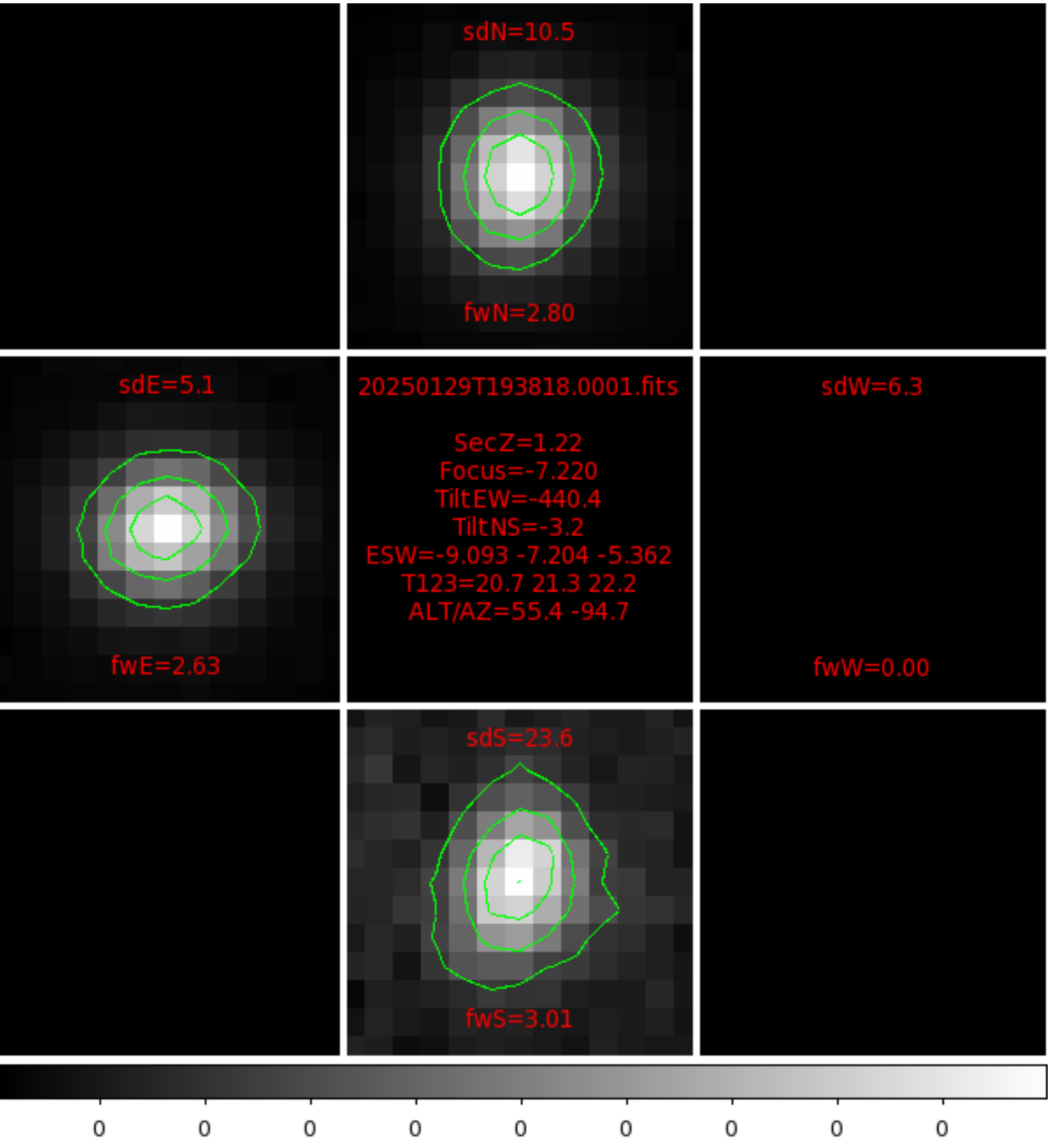

sdN=396.0
fwN=2.89
sdE=27.4
fwE=2.77
20250129T193333.0001.fits
SecZ=1.60
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.4 22.3
ALT/AZ=38.7 -120.9
fwAVG=2.86
sdW=140.1
fwW=2.91
sdS=351.1
fwS=2.87
0 0 0 0 0 0 0 0 0

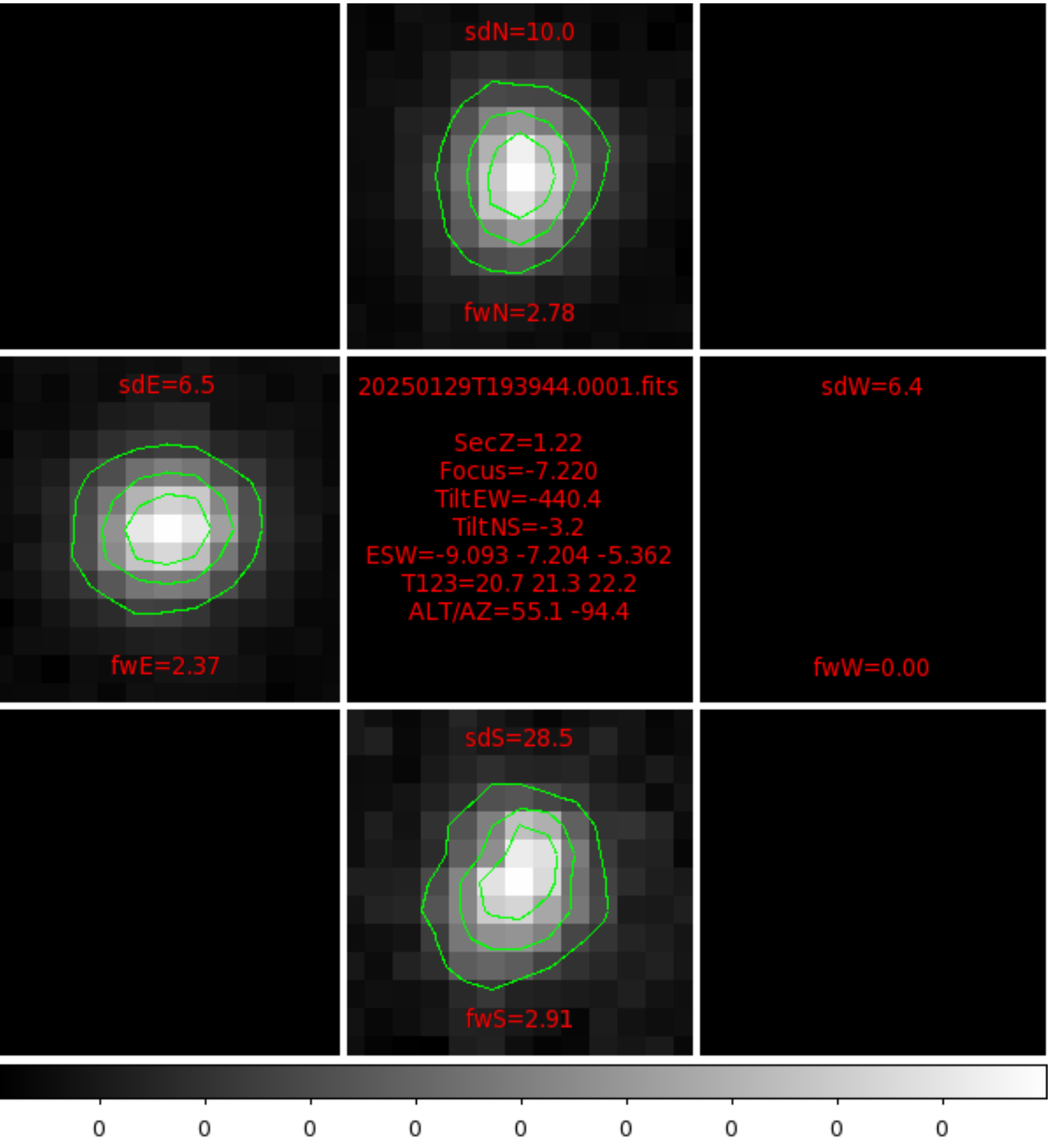

sdN=440.1
fwN=3.08
sdE=41.5
fwE=2.74
20250129T193403.0001.fits
SecZ=1.60
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.3 22.3
ALT/AZ=38.6 -120.8
fwAVG=2.96
sdW=206.9
fwW=3.13
sdS=356.6
fwS=2.90
0 0 0 0 0 0 0 0 0

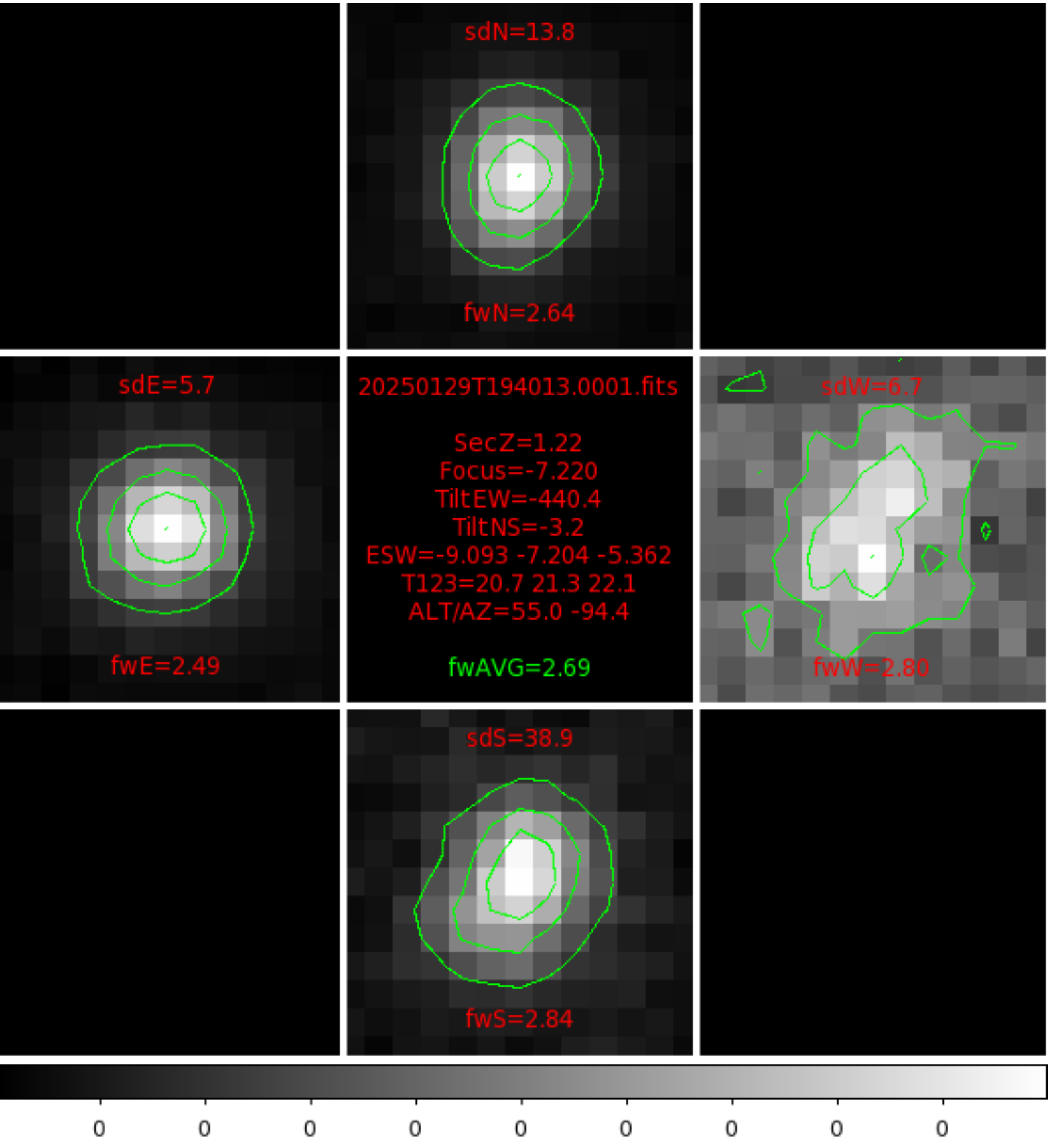

sdN=463.7
fwN=2.81
sdE=74.2
fwE=2.60
20250129T193542.0001.fits
SecZ=1.61
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.3 22.2
ALT/AZ=38.3 -120.4
fwAVG=2.80
sdW=348.9
fwW=3.02
sdS=428.1
fwS=2.79
0 0 0 0 0 0 0 0 0


sdN=539.8
fwN=2.49
sdE=111.5
fwE=2.66
20250129T193612.0001.fits
SecZ=1.62
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 21.3 22.2
ALT/AZ=38.3 -120.3
fwAVG=2.65
sdW=553.3
fwW=2.76
sdS=511.0
fwS=2.68
0 0 0 0 0 0 0 0 0


sdN=440.7
fwN=2.51
sdE=91.2
fwE=2.52
20250129T193747.0001.fits
SecZ=1.21
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.7 21.3 22.2
ALT/AZ=55.5 -94.8
fwAVG=2.62
sdW=441.3
fwW=2.76
sdS=337.5
fwS=2.71
0 0 0 0 0 0 0 0 0


sdN=10.5
fwN=2.80
sdE=5.1
fwE=2.63
20250129T193818.0001.fits
SecZ=1.22
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.7 21.3 22.2
ALT/AZ=55.4 -94.7
sdW=6.3
fwW=0.00
sdS=23.6
fwS=3.01
0 0 0 0 0 0 0 0 0


sdN=10.0
fwN=2.78
sdE=6.5
fwE=2.37
20250129T193944.0001.fits
SecZ=1.22
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.7 21.3 22.2
ALT/AZ=55.1 -94.4
sdW=6.4
fwW=0.00
sdS=28.5
fwS=2.91
0 0 0 0 0 0 0 0 0


sdN=13.8
fwN=2.64
sdE=5.7
fwE=2.49
20250129T194013.0001.fits
SecZ=1.22
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.7 21.3 22.1
ALT/AZ=55.0 -94.4
fwAVG=2.69
sdW=6.7
fwW=2.80
sdS=38.9
fwS=2.84
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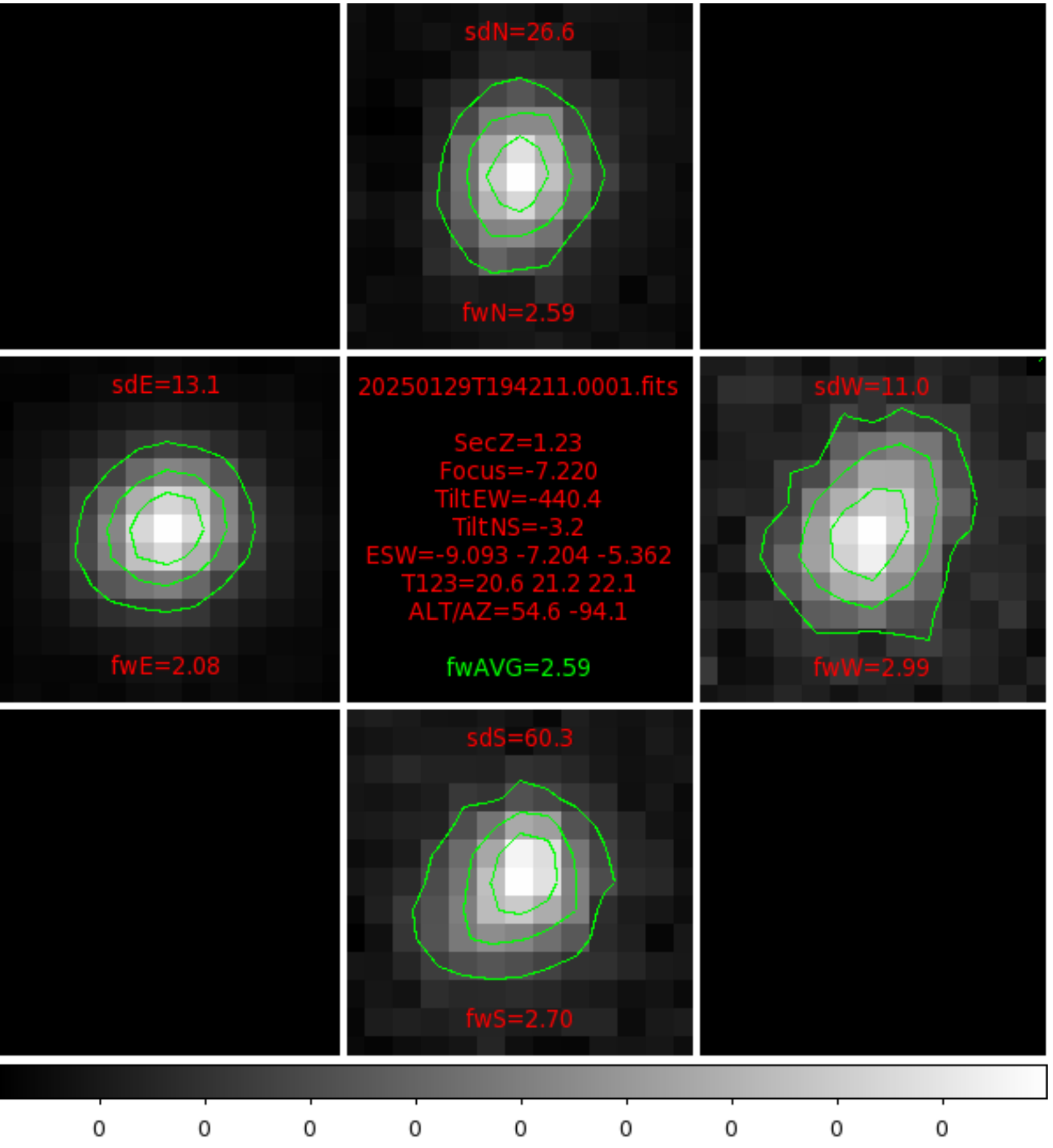
sdN=26.6
fwN=2.59
sdE=13.1
fwE=2.08
20250129T194211.0001.fits
SecZ=1.23
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.6 21.2 22.1
ALT/AZ=54.6 -94.1
fwAVG=2.59
sdW=11.0
fwW=2.99
sdS=60.3
fwS=2.70
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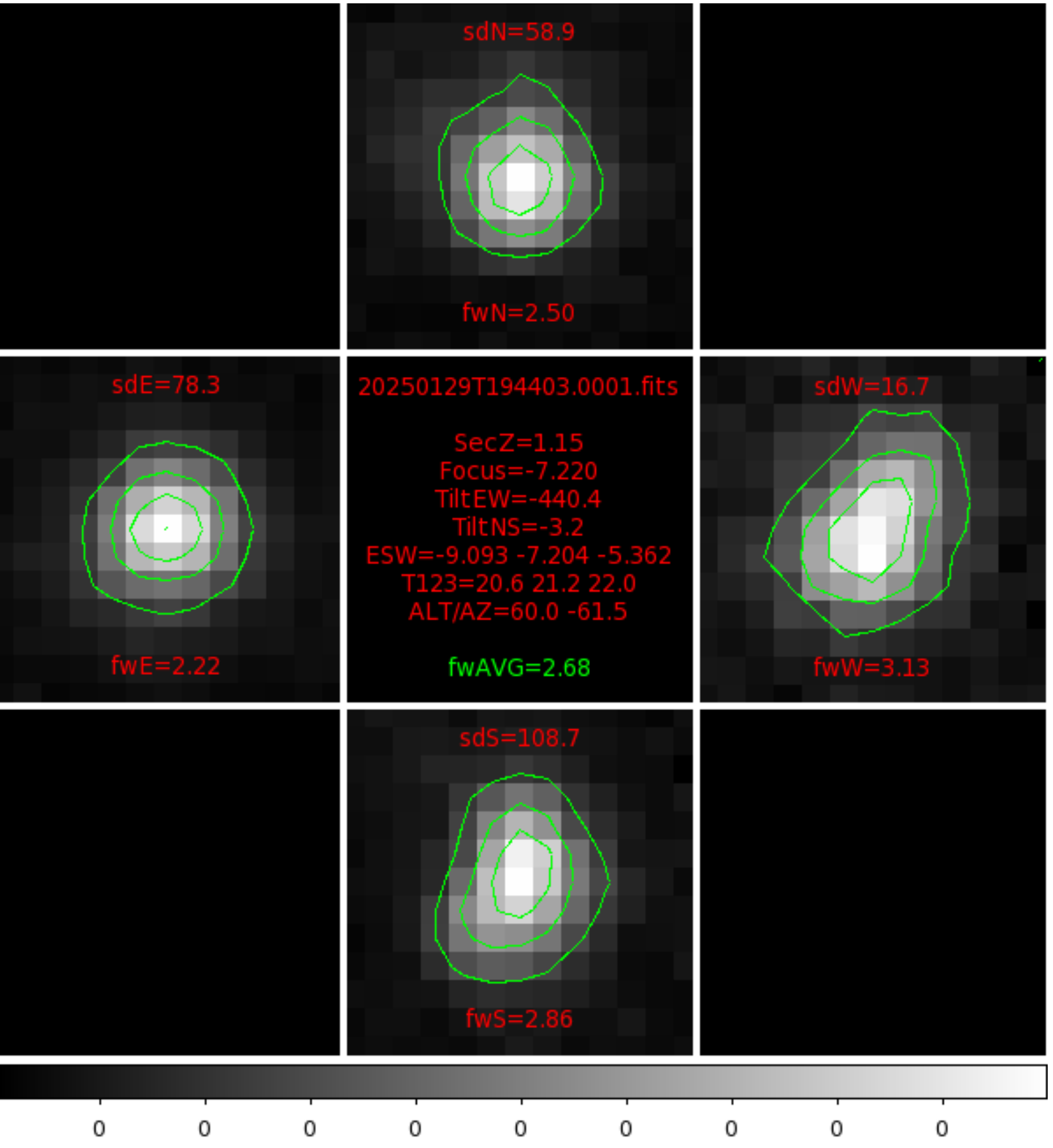
sdN=58.9
fwN=2.50
sdE=78.3
fwE=2.22
20250129T194403.0001.fits
SecZ=1.15
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.6 21.2 22.0
ALT/AZ=60.0 -61.5
fwAVG=2.68
sdW=16.7
fwW=3.13
sdS=108.7
fwS=2.86
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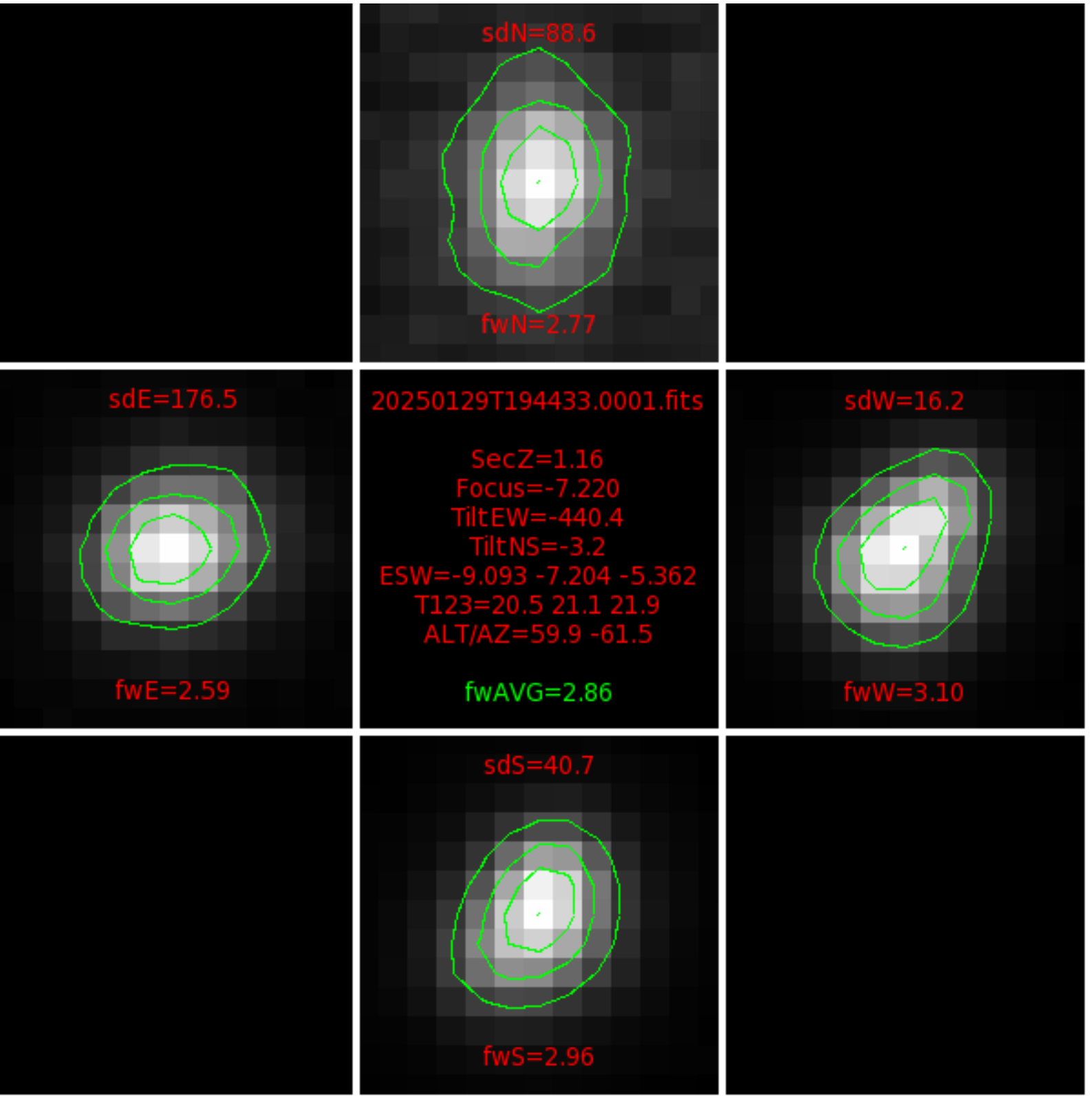
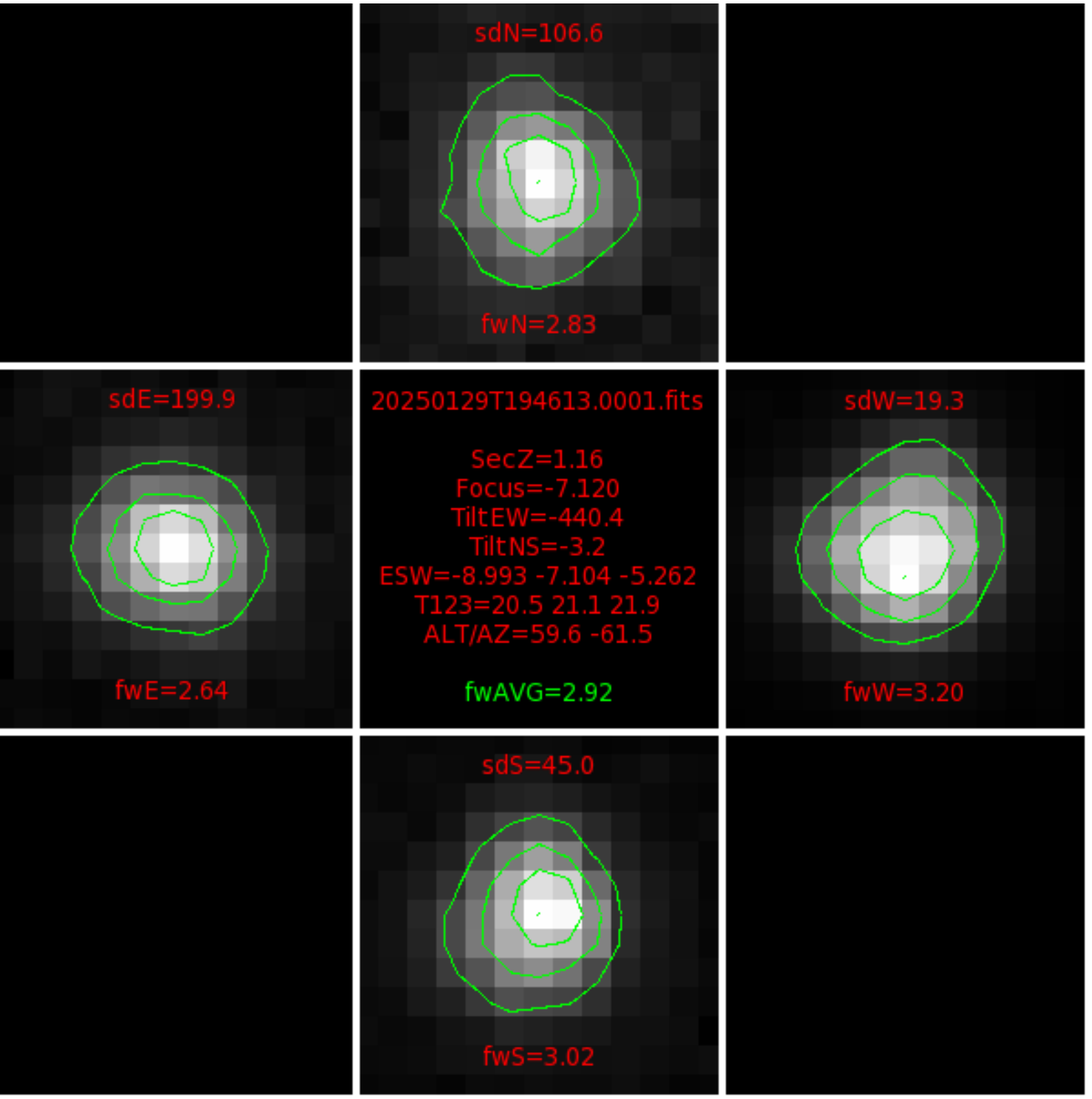
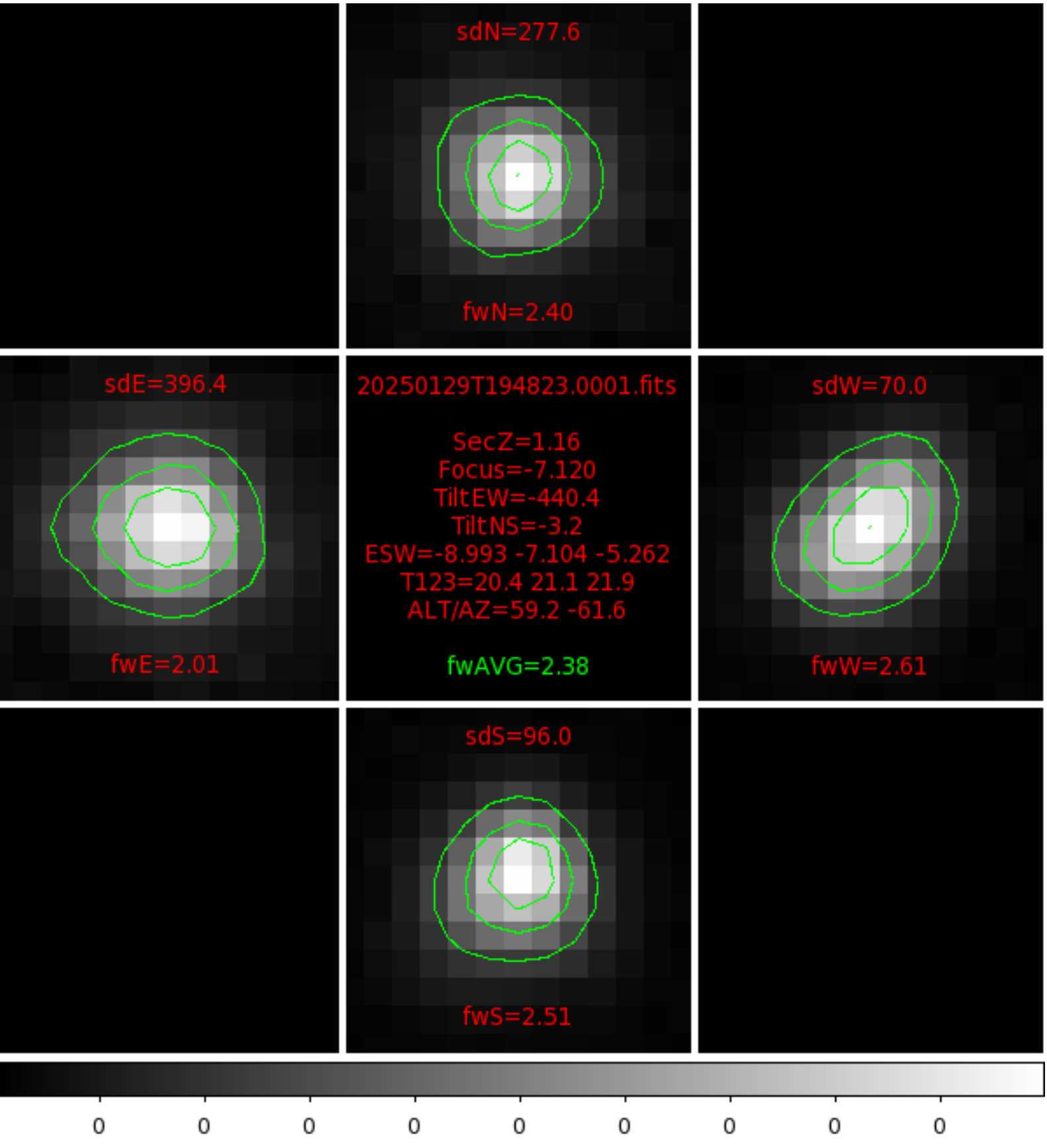
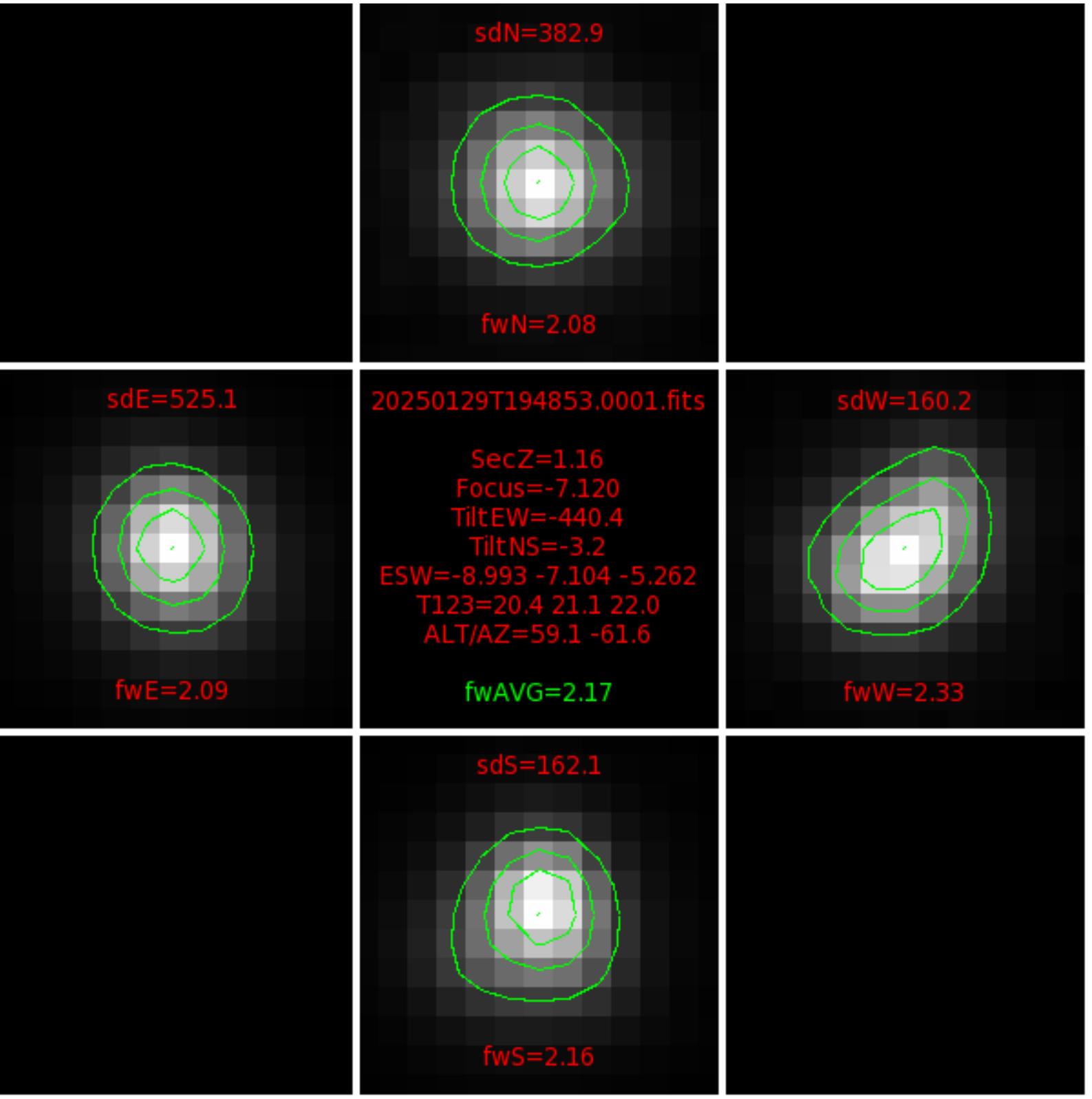
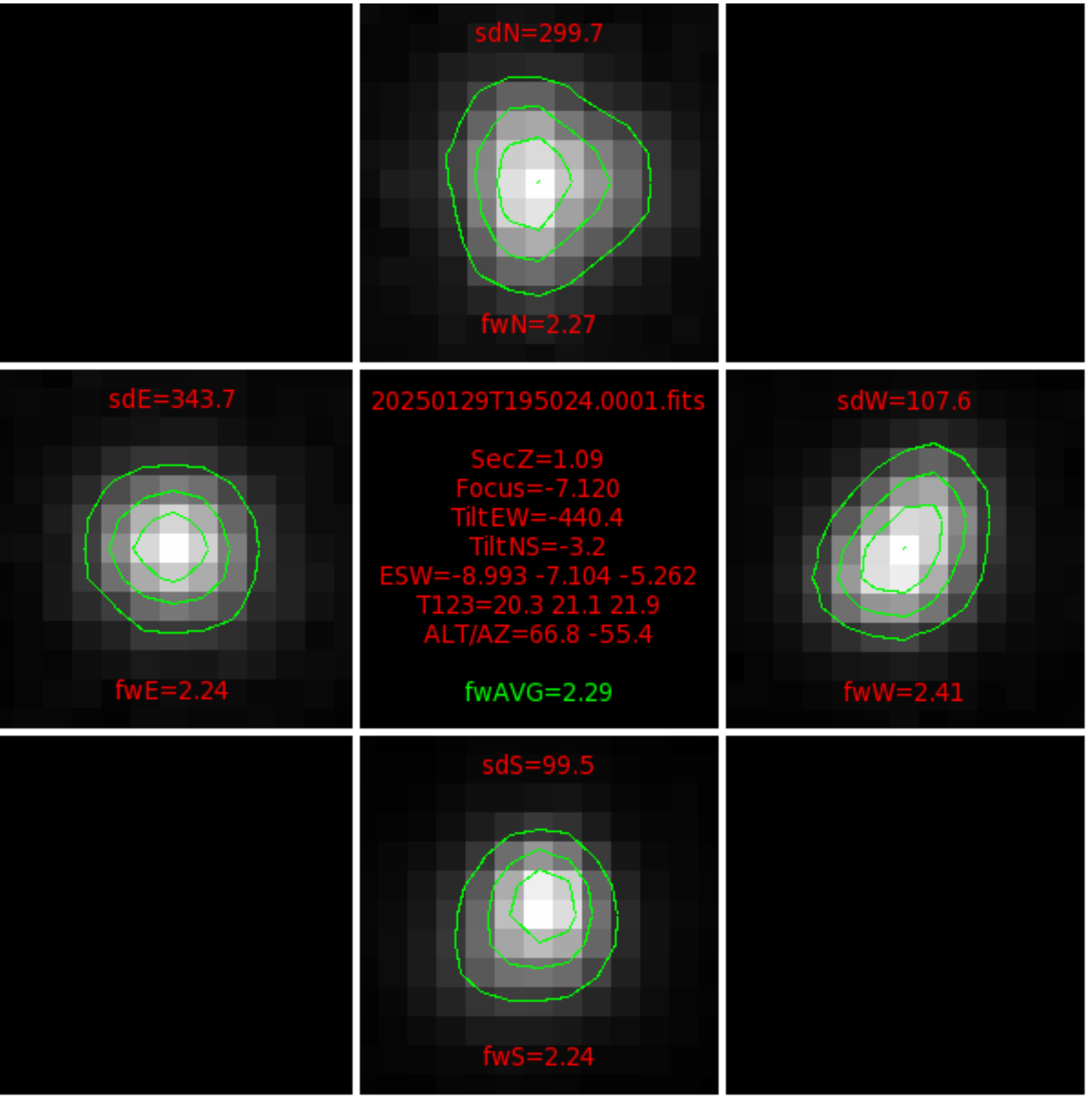
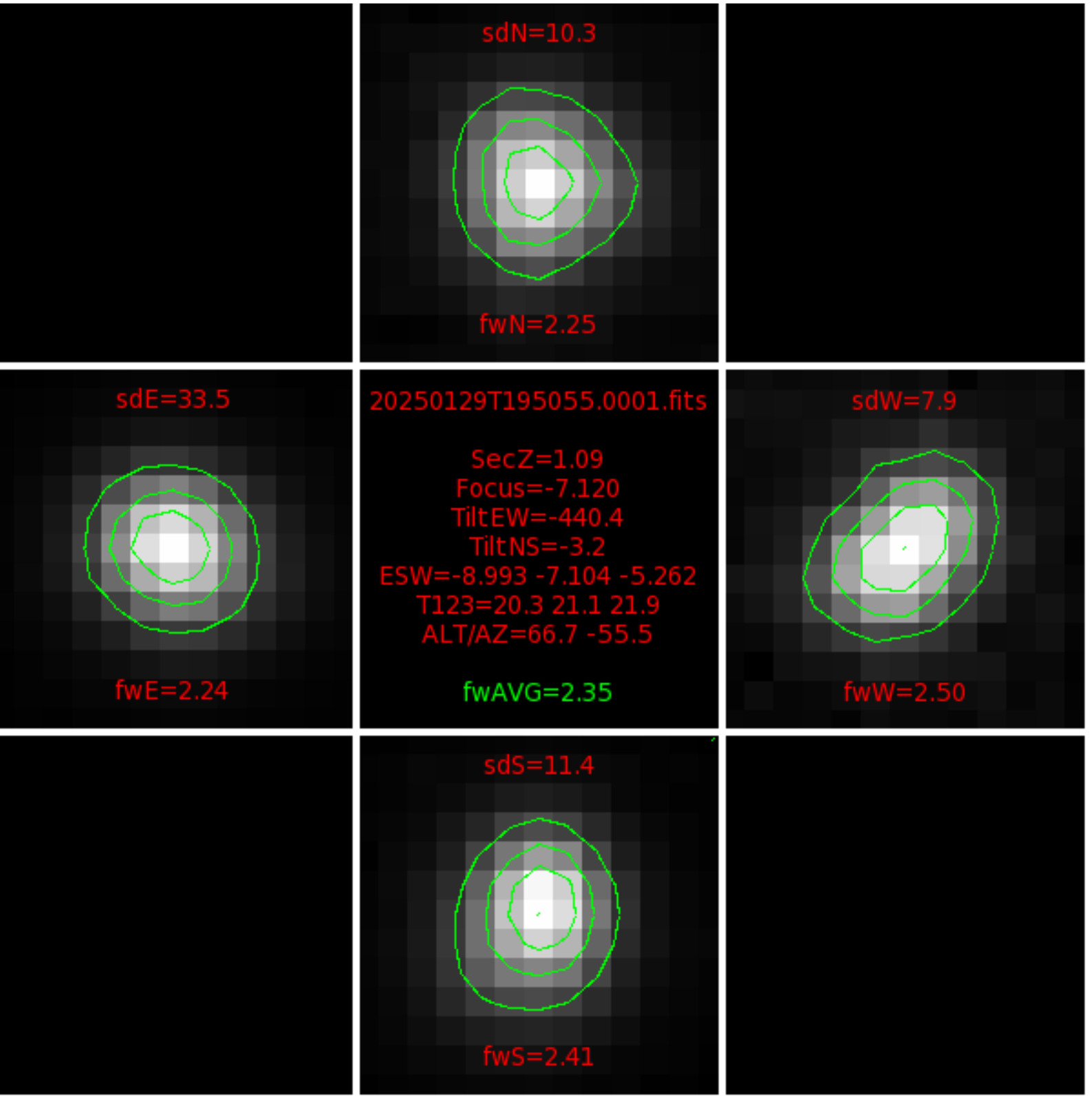

sdN=88.6
fwN=2.77
sdE=176.5
fwE=2.59
20250129T194433.0001.fits
SecZ=1.16
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.5 21.1 21.9
ALT/AZ=59.9 -61.5
fwAVG=2.86
sdW=16.2
fwW=3.10
sdS=40.7
fwS=2.96
0 0 0 0 0 0 0 0 0

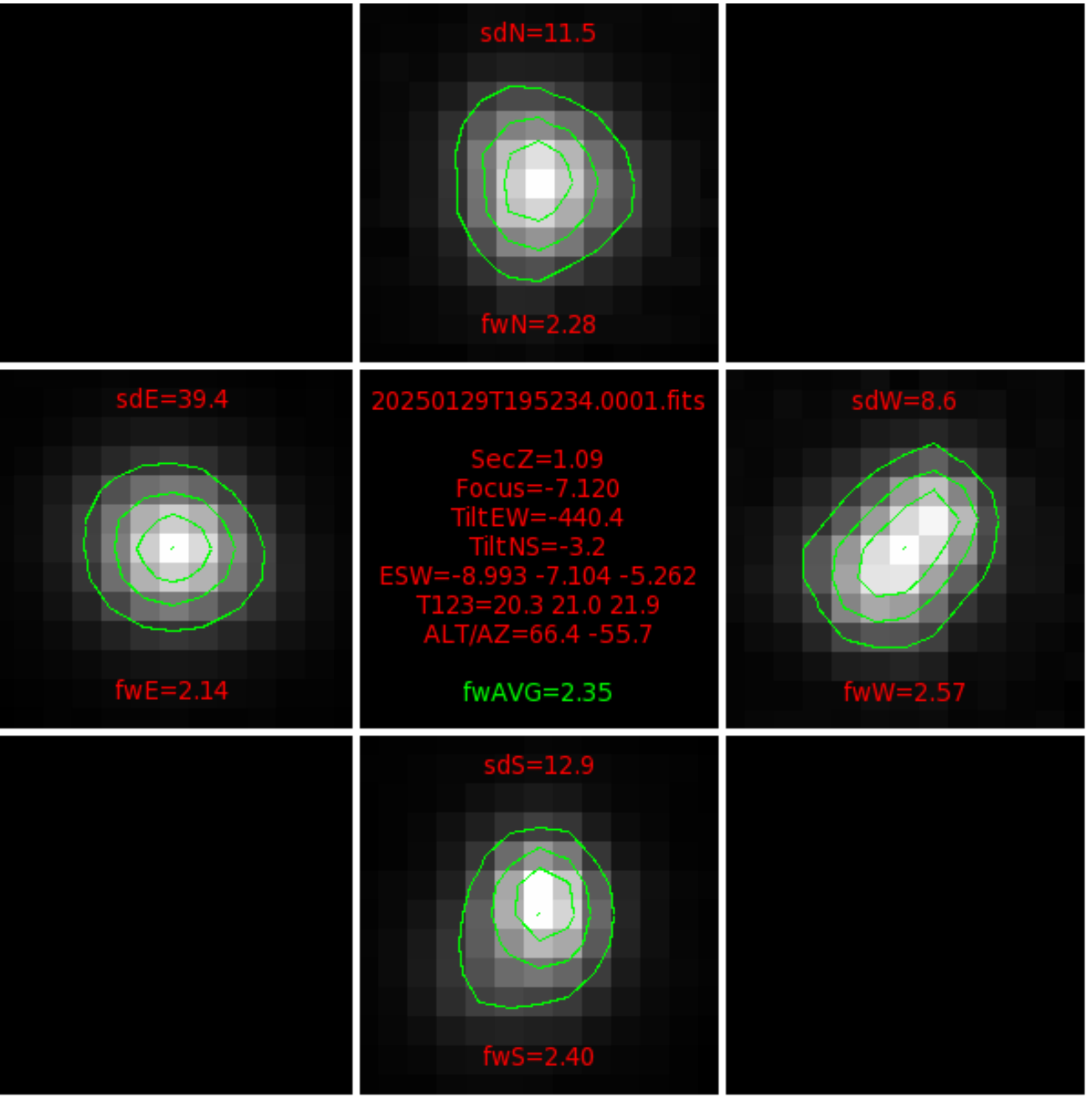

sdN=106.6
fwN=2.83
sdE=199.9
fwE=2.64
20250129T194613.0001.fits
SecZ=1.16
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.5 21.1 21.9
ALT/AZ=59.6 -61.5
fwAVG=2.92
sdW=19.3
fwW=3.20
sdS=45.0
fwS=3.02
0 0 0 0 0 0 0 0 0


sdN=277.6
fwN=2.40
sdE=396.4
fwE=2.01
20250129T194823.0001.fits
SecZ=1.16
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.4 21.1 21.9
ALT/AZ=59.2 -61.6
fwAVG=2.38
sdW=70.0
fwW=2.61
sdS=96.0
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=382.9
fwN=2.08
sdE=525.1
fwE=2.09
20250129T194853.0001.fits
SecZ=1.16
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.4 21.1 22.0
ALT/AZ=59.1 -61.6
fwAVG=2.17
sdW=160.2
fwW=2.33
sdS=162.1
fwS=2.16
0 0 0 0 0 0 0 0 0


sdN=299.7
fwN=2.27
sdE=343.7
fwE=2.24
20250129T195024.0001.fits
SecZ=1.09
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.3 21.1 21.9
ALT/AZ=66.8 -55.4
fwAVG=2.29
sdW=107.6
fwW=2.41
sdS=99.5
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=10.3
fwN=2.25
sdE=33.5
fwE=2.24
20250129T195055.0001.fits
SecZ=1.09
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.3 21.1 21.9
ALT/AZ=66.7 -55.5
fwAVG=2.35
sdW=7.9
fwW=2.50
sdS=11.4
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=11.5
fwN=2.28
sdE=39.4
fwE=2.14
20250129T195234.0001.fits
SecZ=1.09
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.3 21.0 21.9
ALT/AZ=66.4 -55.7
fwAVG=2.35
sdW=8.6
fwW=2.57
sdS=12.9
fwS=2.40
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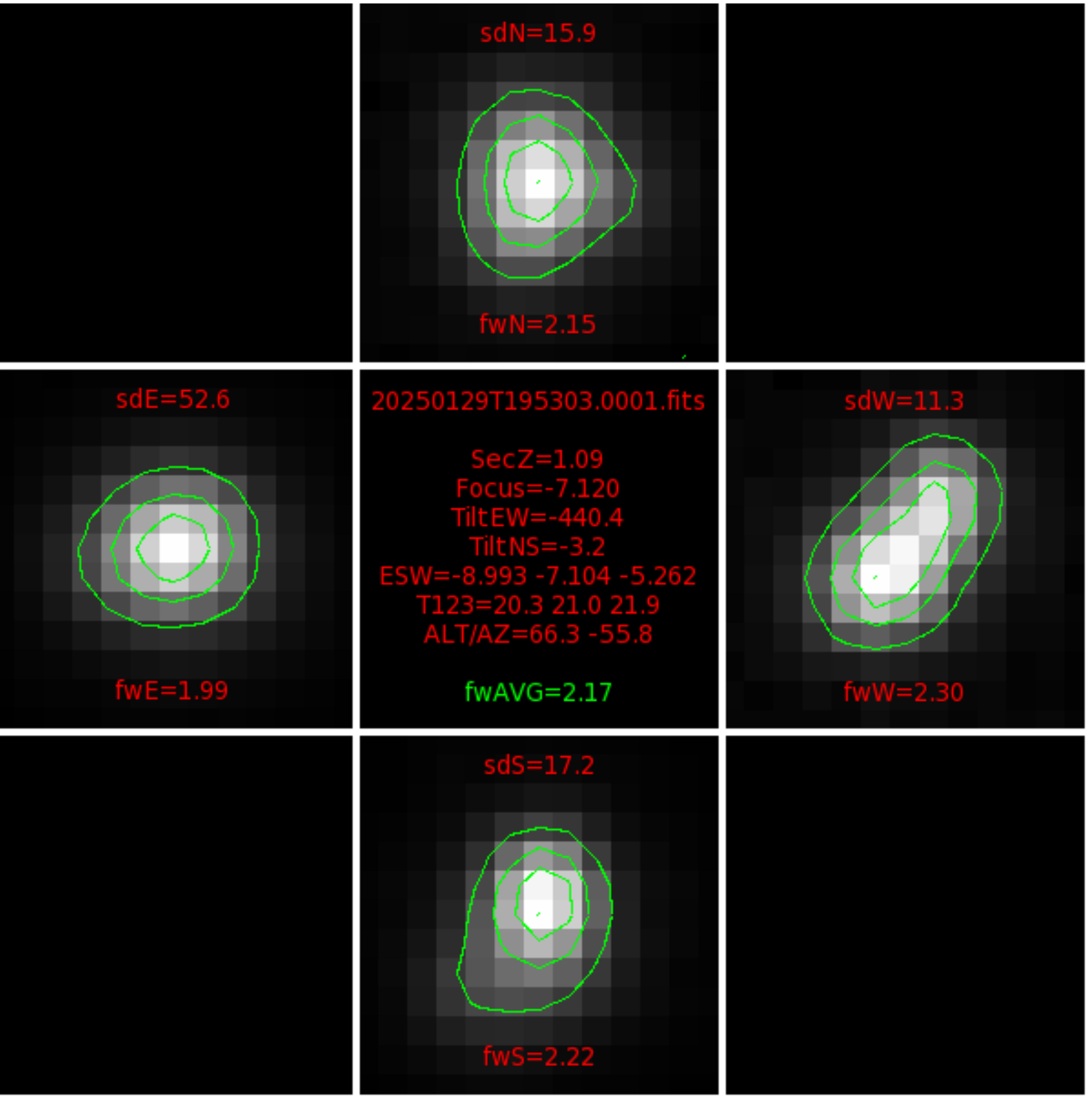
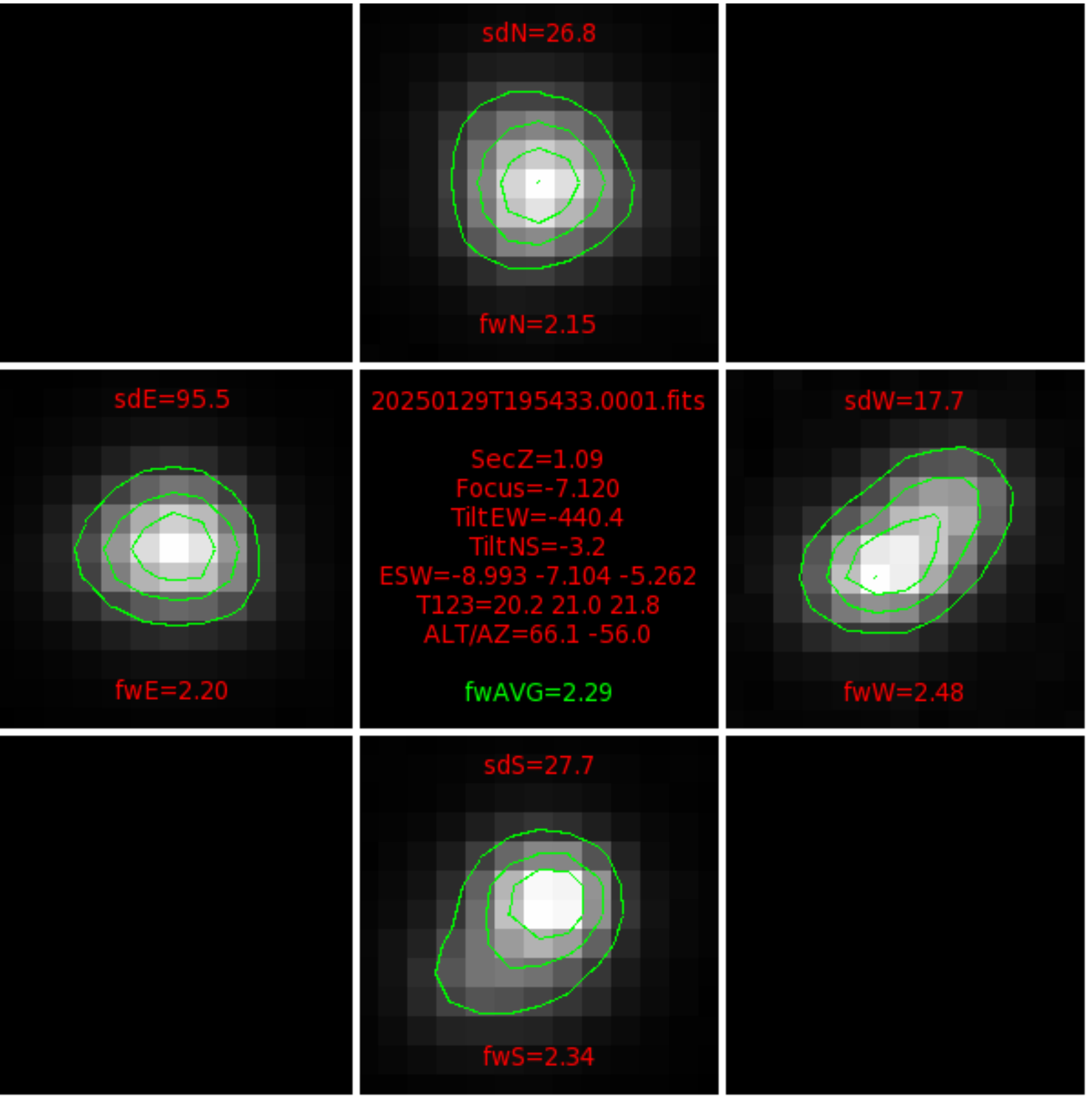
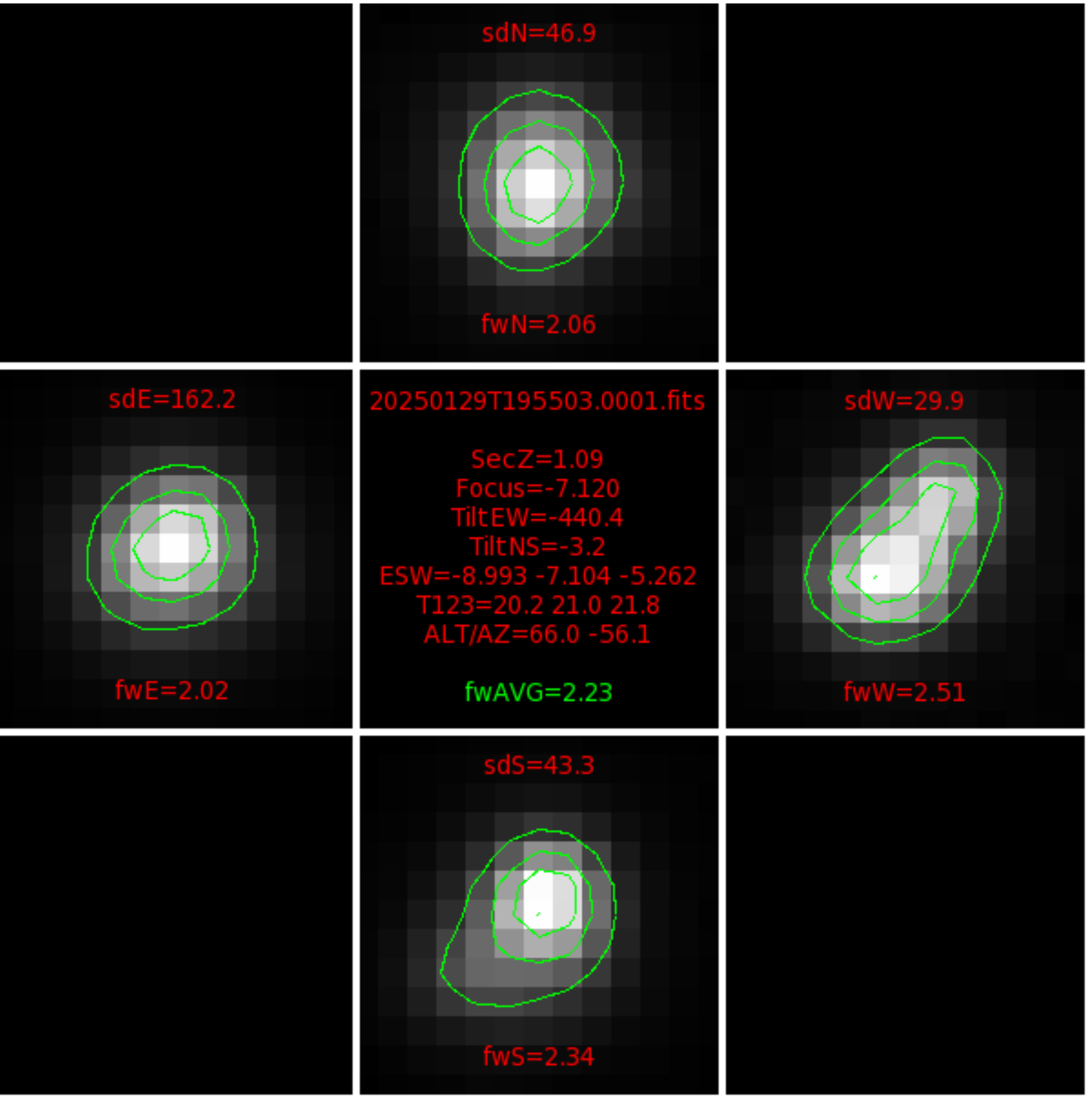
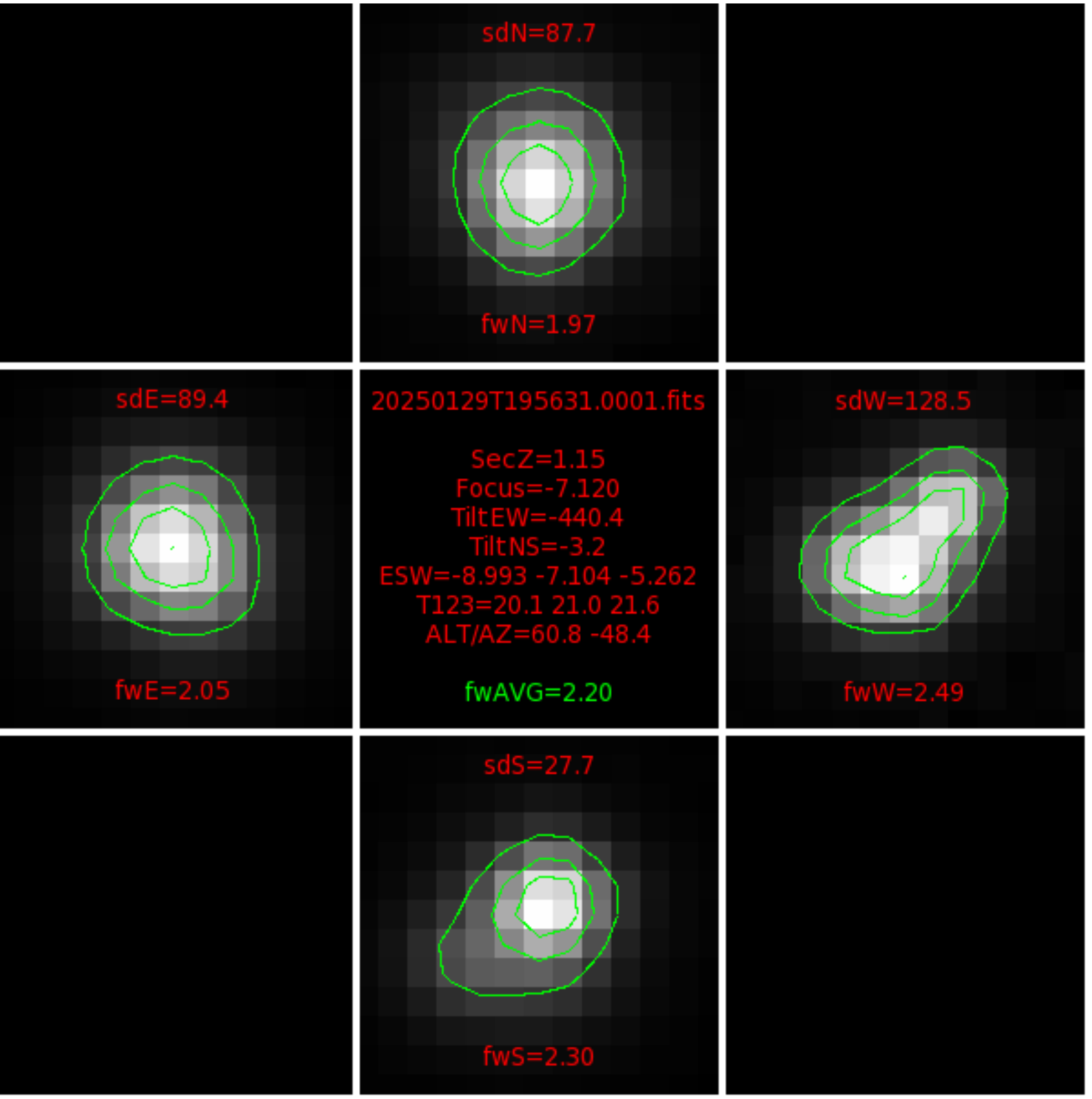
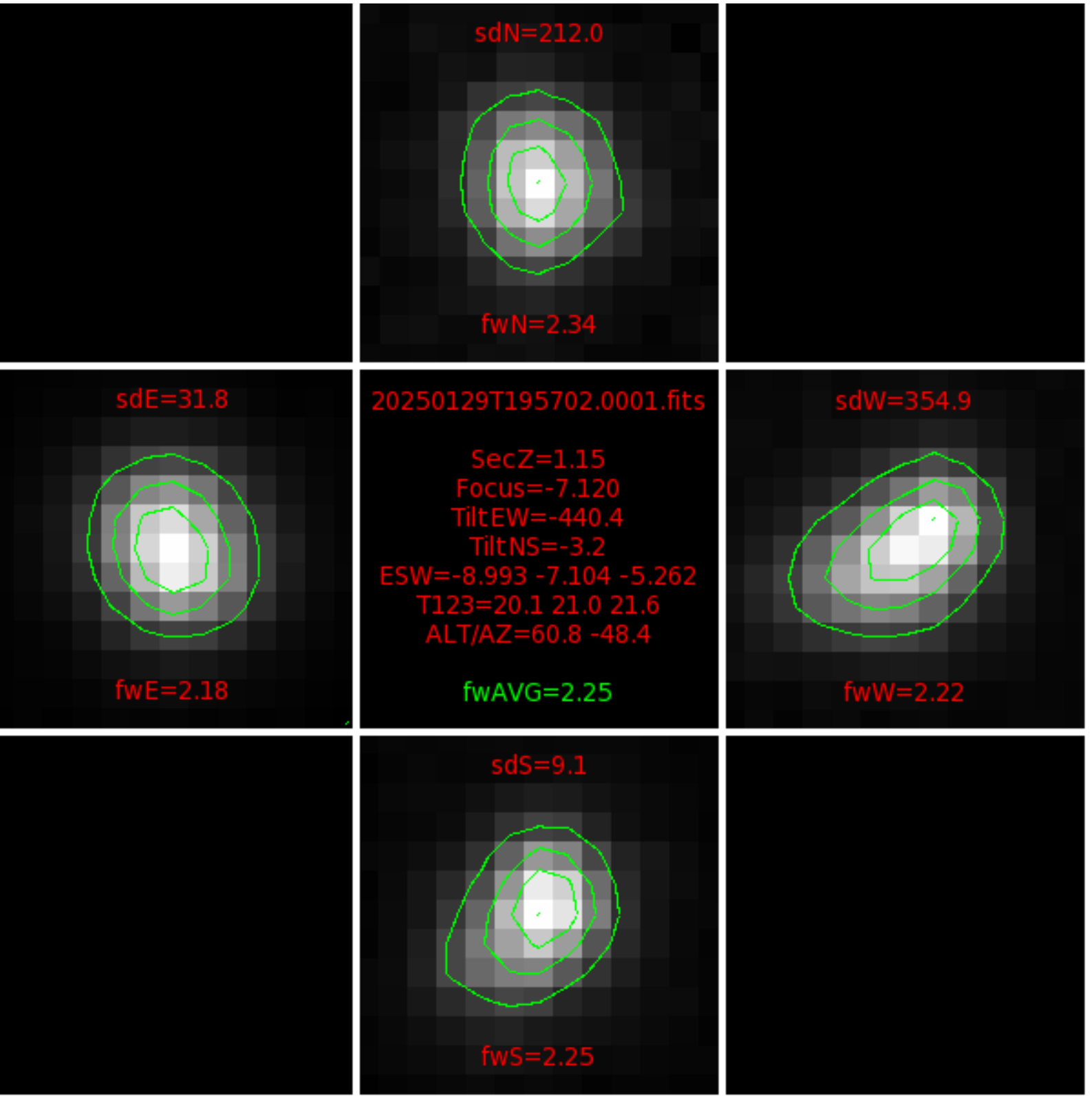

sdN=15.9
fwN=2.15
sdE=52.6
fwE=1.99
20250129T195303.0001.fits
SecZ=1.09
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.3 21.0 21.9
ALT/AZ=66.3 -55.8
fwAVG=2.17
sdW=11.3
fwW=2.30
sdS=17.2
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=26.8
fwN=2.15
sdE=95.5
fwE=2.20
20250129T195433.0001.fits
SecZ=1.09
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.2 21.0 21.8
ALT/AZ=66.1 -56.0
fwAVG=2.29
sdW=17.7
fwW=2.48
sdS=27.7
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=46.9
fwN=2.06
sdE=162.2
fwE=2.02
20250129T195503.0001.fits
SecZ=1.09
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.2 21.0 21.8
ALT/AZ=66.0 -56.1
fwAVG=2.23
sdW=29.9
fwW=2.51
sdS=43.3
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=87.7
fwN=1.97
sdE=89.4
fwE=2.05
20250129T195631.0001.fits
SecZ=1.15
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.1 21.0 21.6
ALT/AZ=60.8 -48.4
fwAVG=2.20
sdW=128.5
fwW=2.49
sdS=27.7
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=212.0
fwN=2.34
sdE=31.8
fwE=2.18
20250129T195702.0001.fits
SecZ=1.15
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.1 21.0 21.6
ALT/AZ=60.8 -48.4
fwAVG=2.25
sdW=354.9
fwW=2.22
sdS=9.1
fwS=2.25
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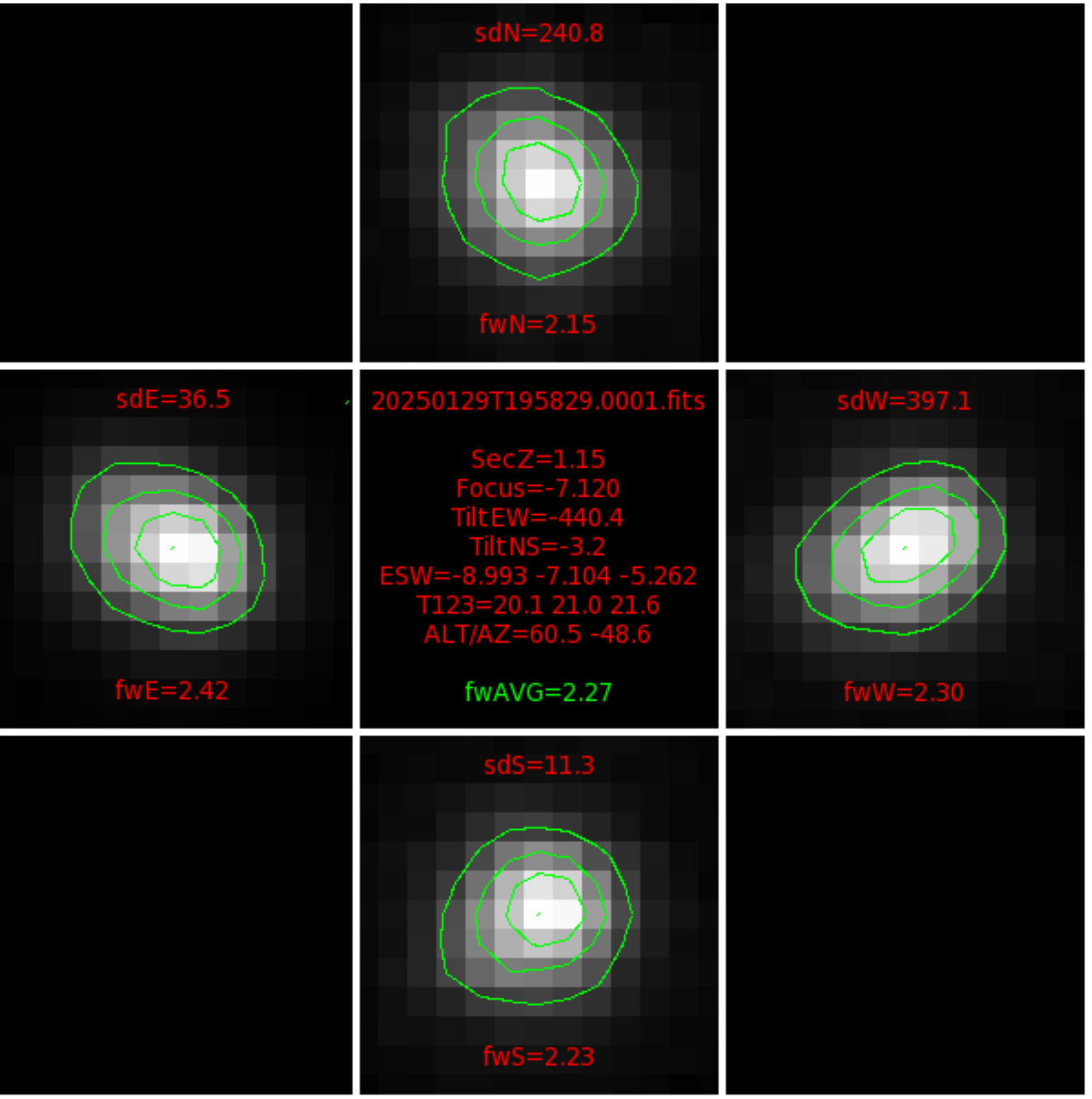
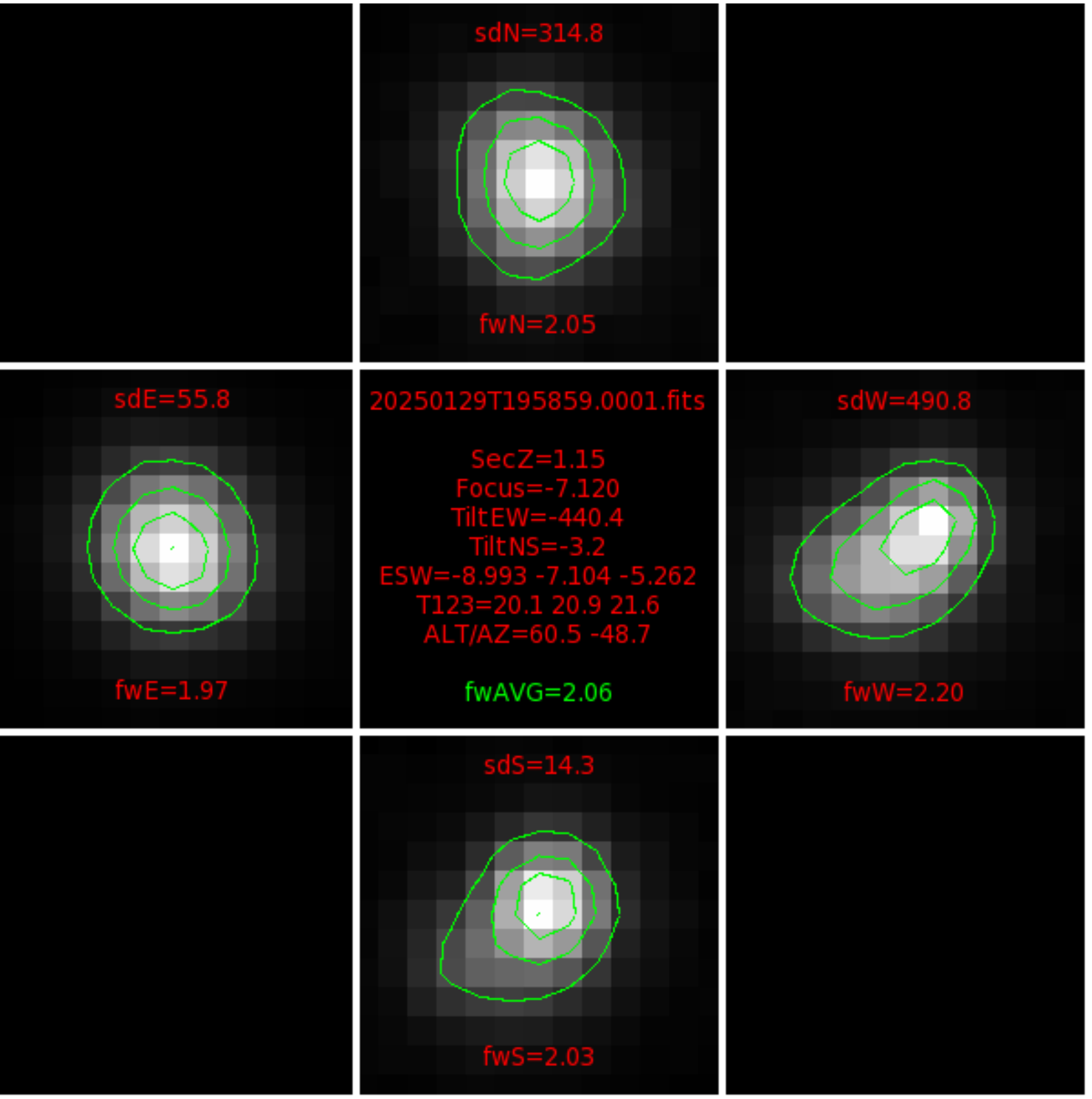
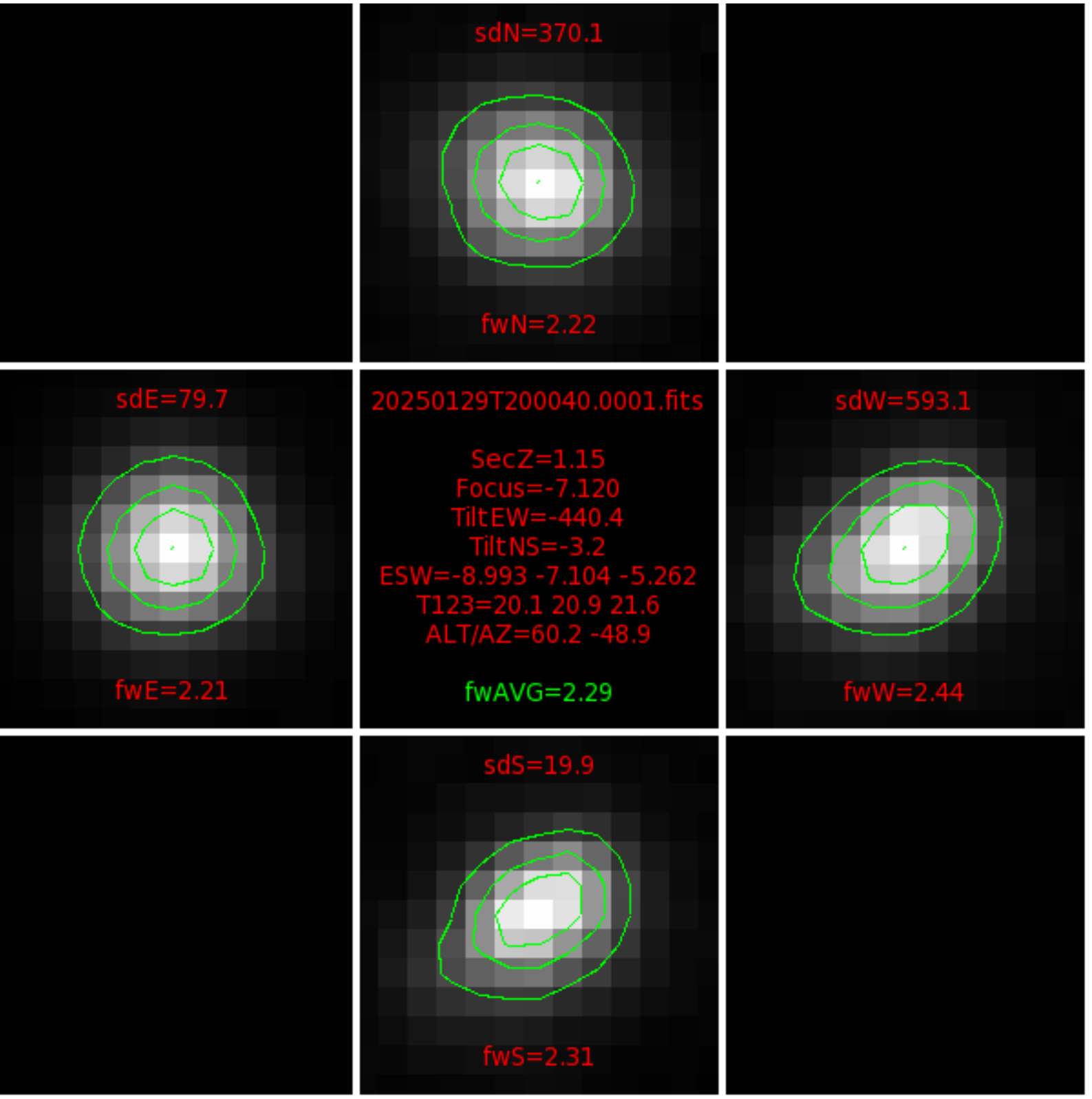
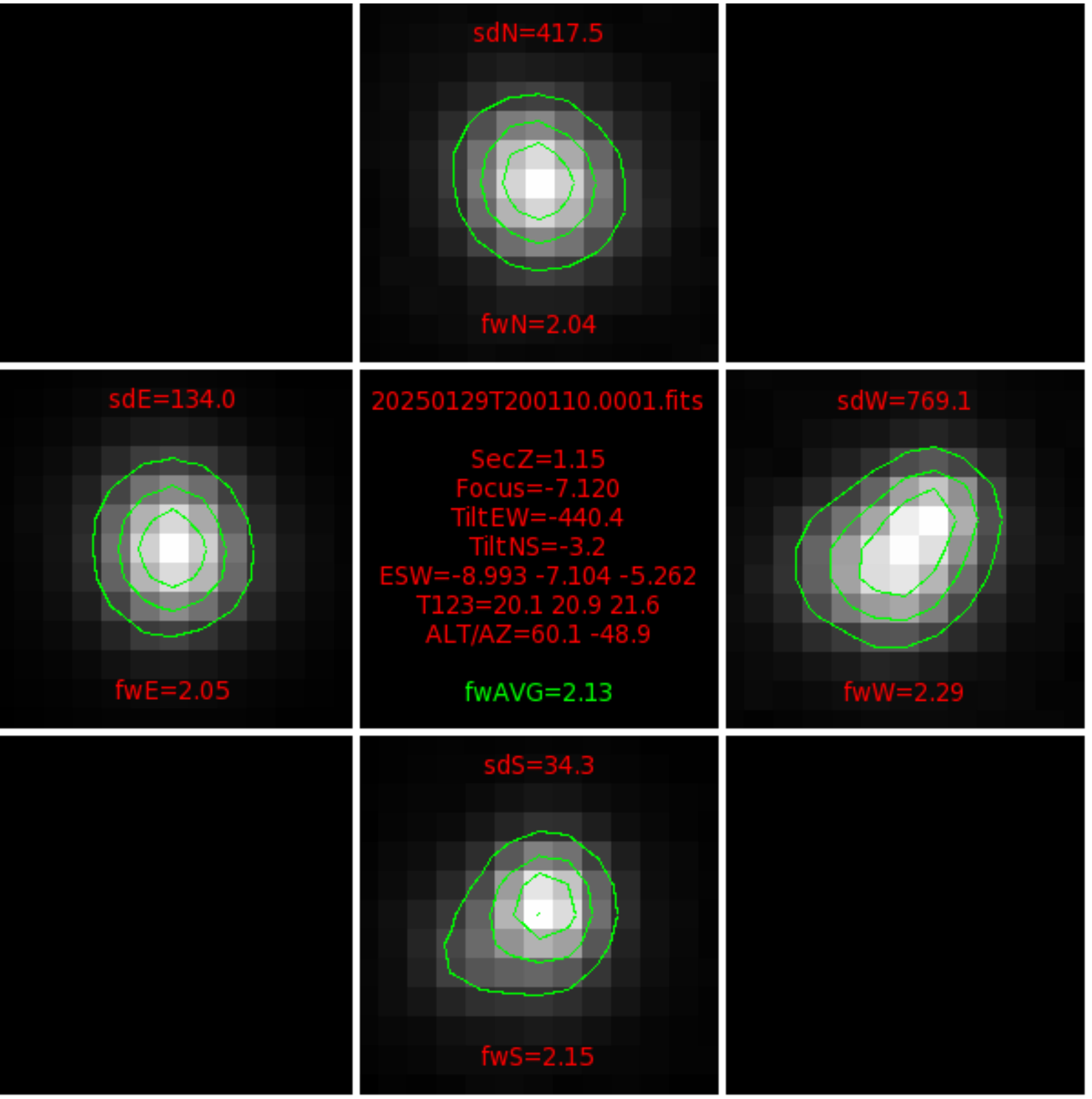
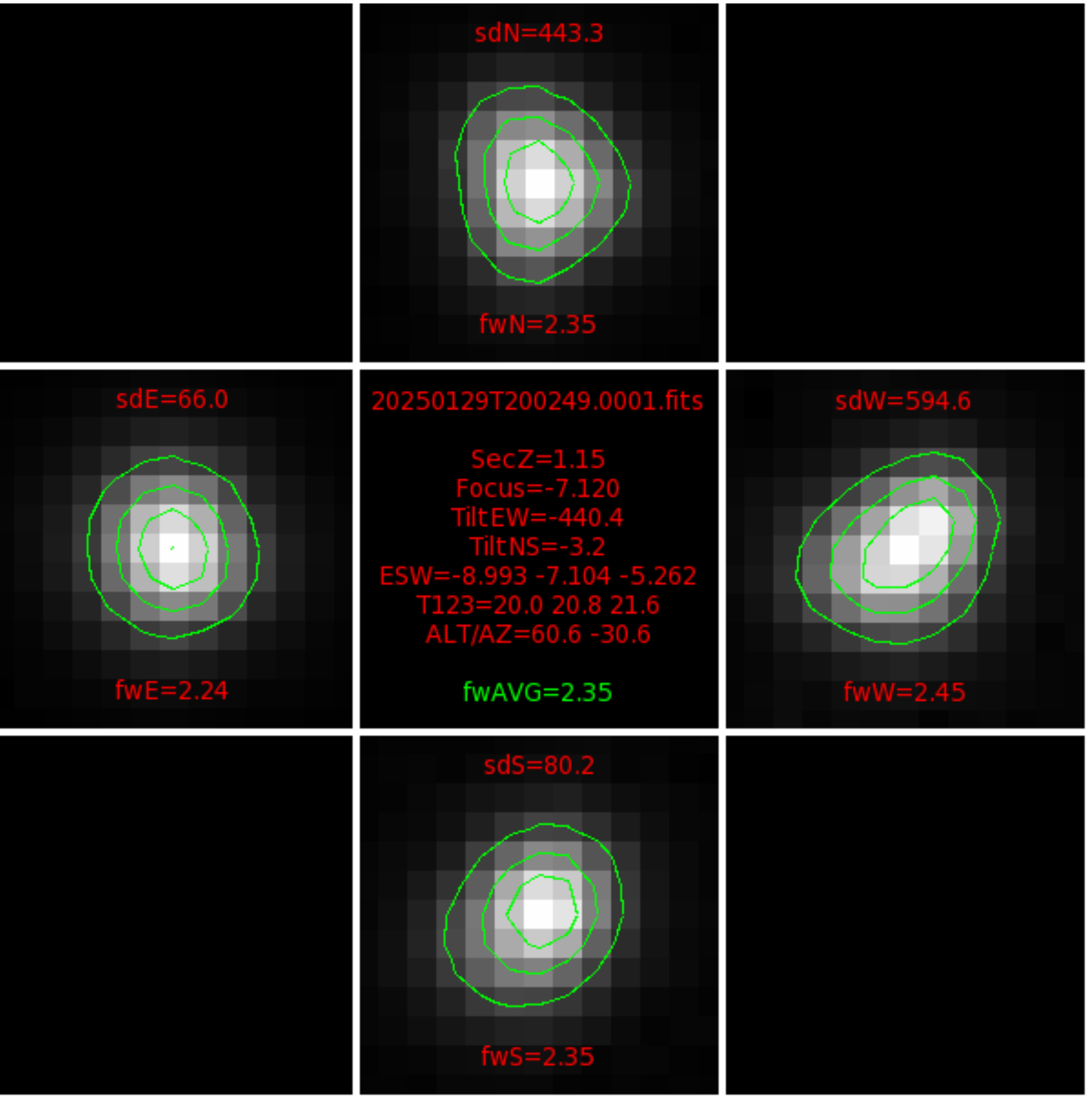
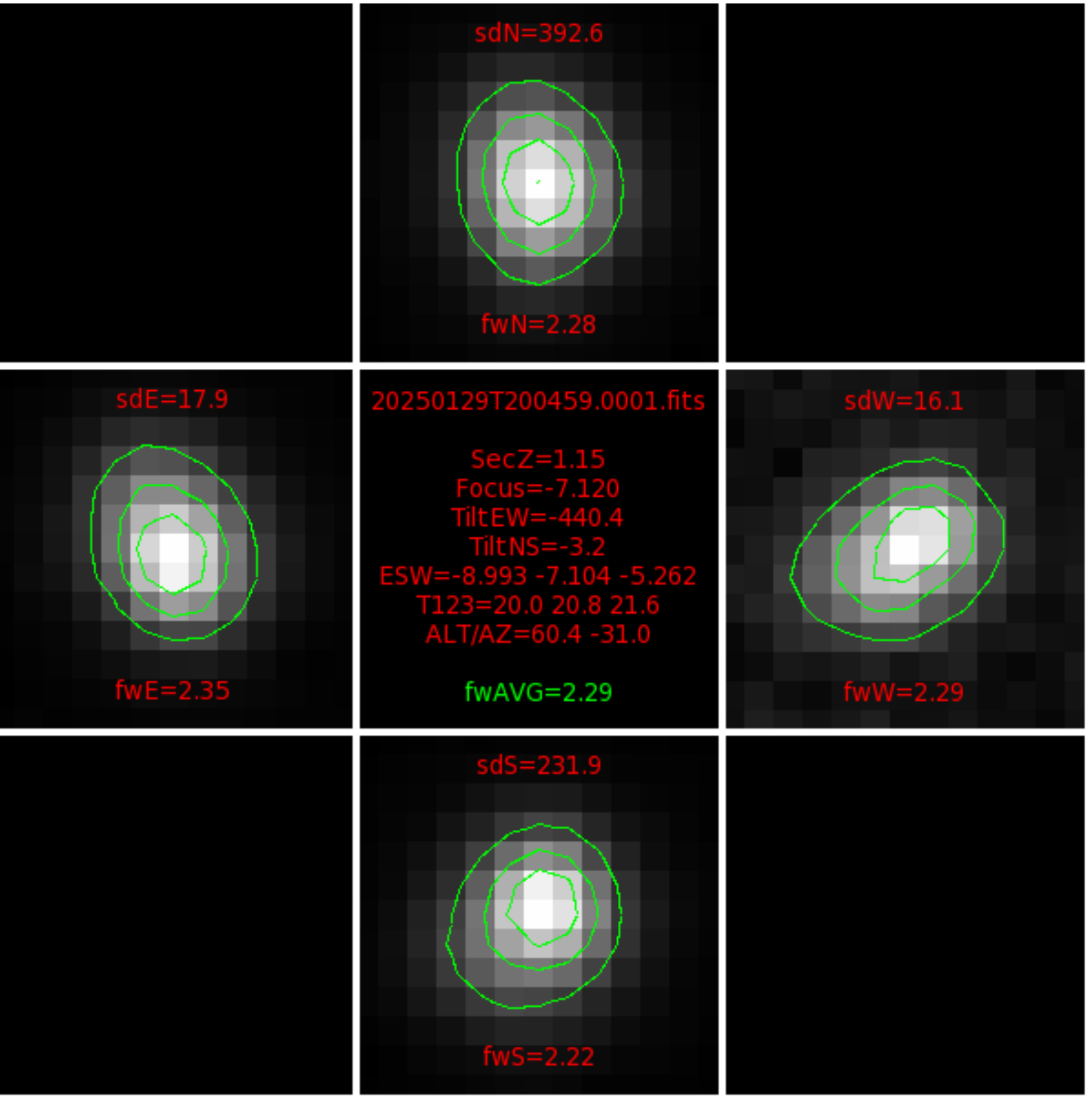

sdN=240.8
fwN=2.15
sdE=36.5
fwE=2.42
20250129T195829.0001.fits
SecZ=1.15
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.1 21.0 21.6
ALT/AZ=60.5 -48.6
fwAVG=2.27
sdW=397.1
fwW=2.30
sdS=11.3
fwS=2.23
0 0 0 0 0 0 0 0 0

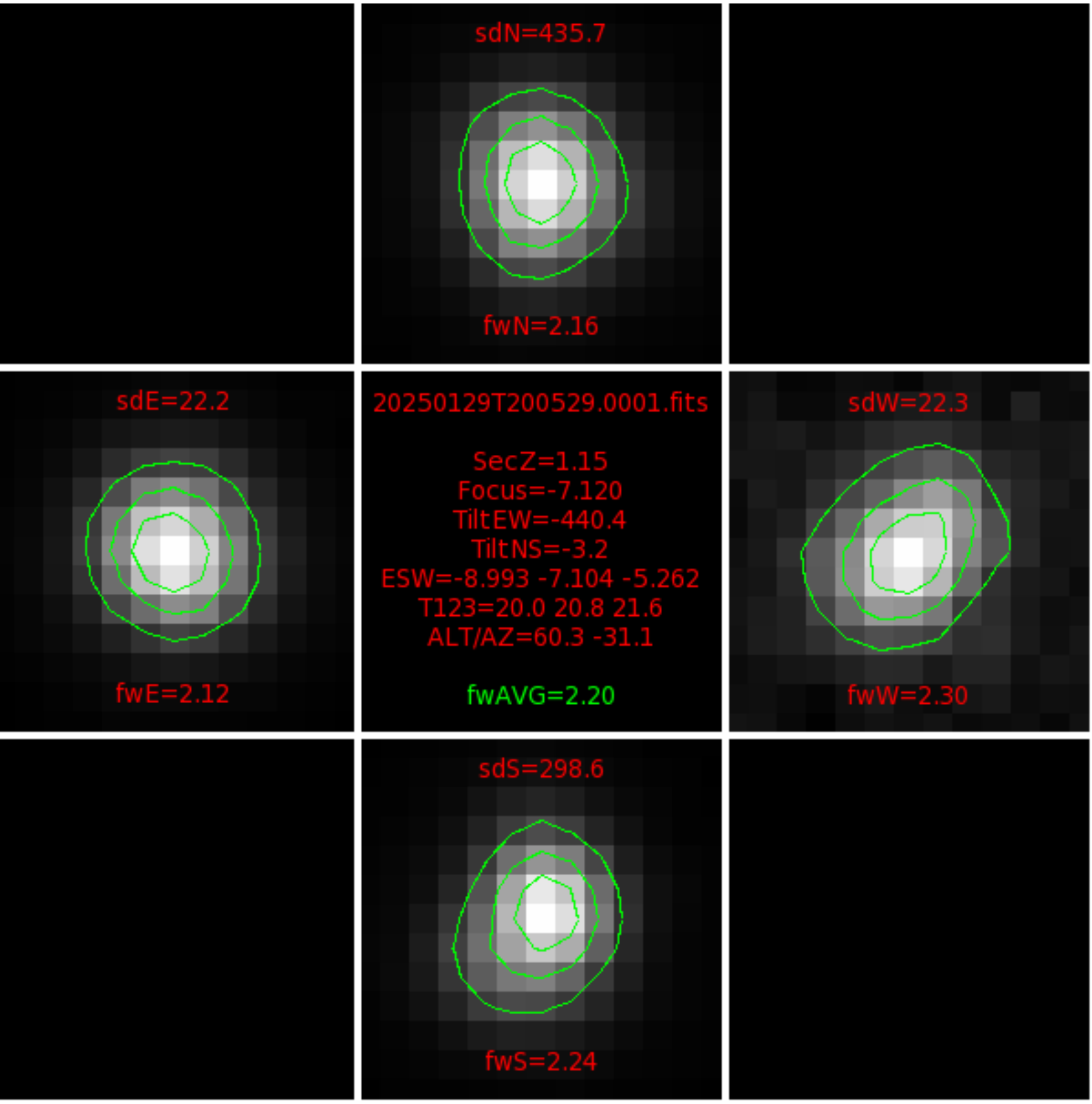

sdN=314.8
fwN=2.05
sdE=55.8
fwE=1.97
20250129T195859.0001.fits
SecZ=1.15
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.1 20.9 21.6
ALT/AZ=60.5 -48.7
fwAVG=2.06
sdW=490.8
fwW=2.20
sdS=14.3
fwS=2.03
0 0 0 0 0 0 0 0 0

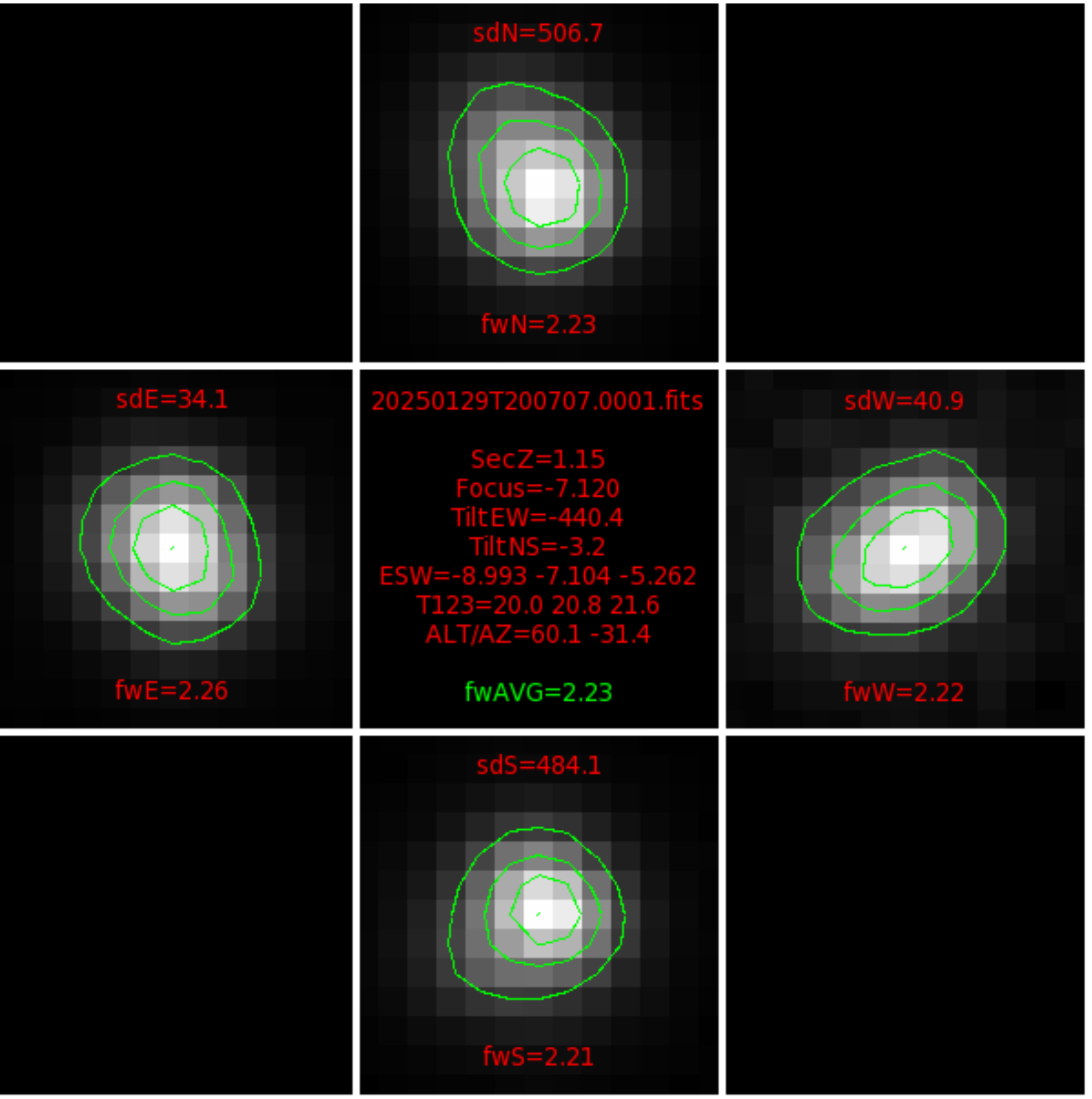

sdN=370.1
fwN=2.22
sdE=79.7
fwE=2.21
20250129T200040.0001.fits
SecZ=1.15
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.1 20.9 21.6
ALT/AZ=60.2 -48.9
fwAVG=2.29
sdW=593.1
fwW=2.44
sdS=19.9
fwS=2.31
0 0 0 0 0 0 0 0 0

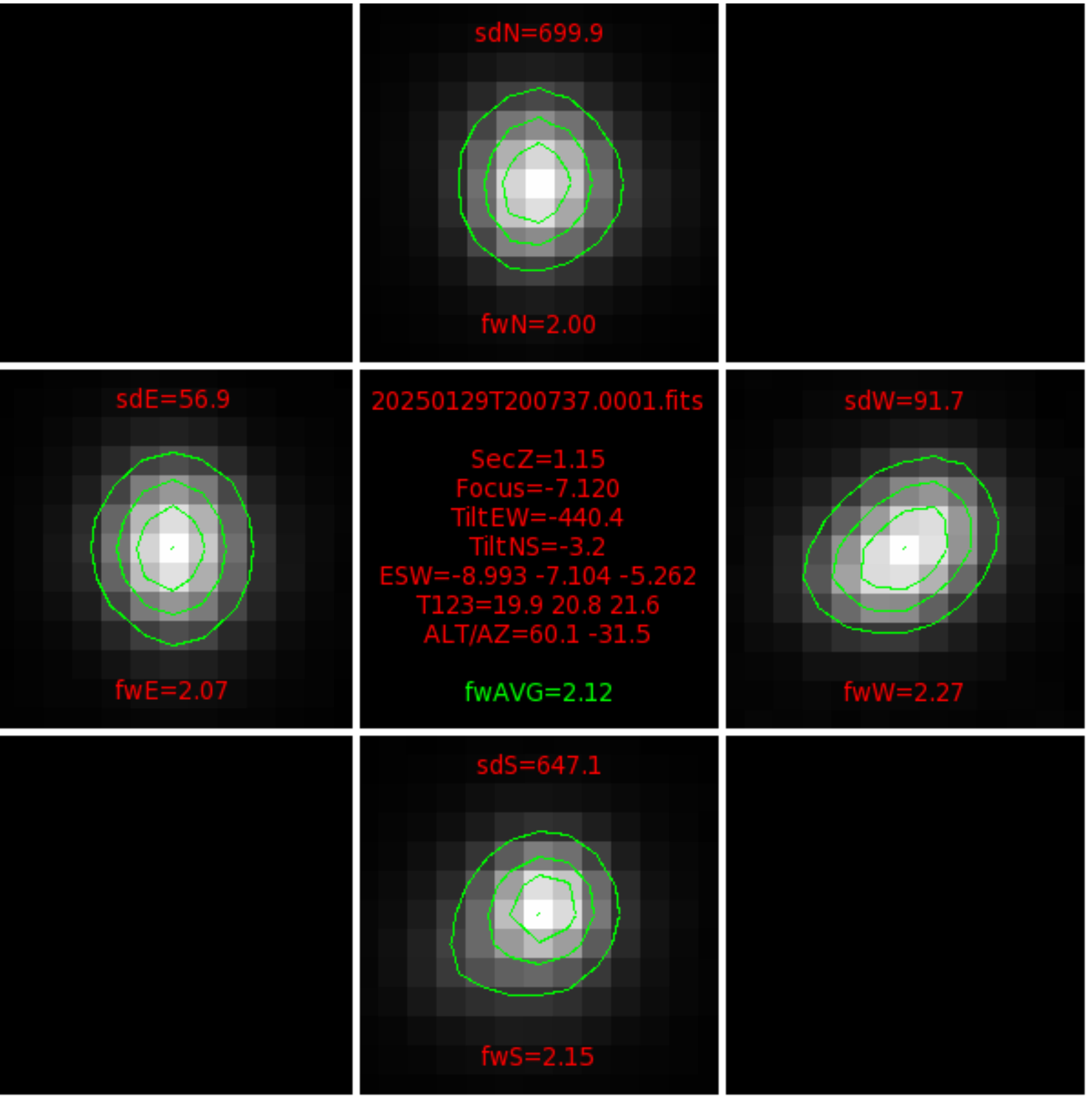

sdN=417.5
fwN=2.04
sdE=134.0
fwE=2.05
20250129T200110.0001.fits
SecZ=1.15
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.1 20.9 21.6
ALT/AZ=60.1 -48.9
fwAVG=2.13
sdW=769.1
fwW=2.29
sdS=34.3
fwS=2.15
0 0 0 0 0 0 0 0 0

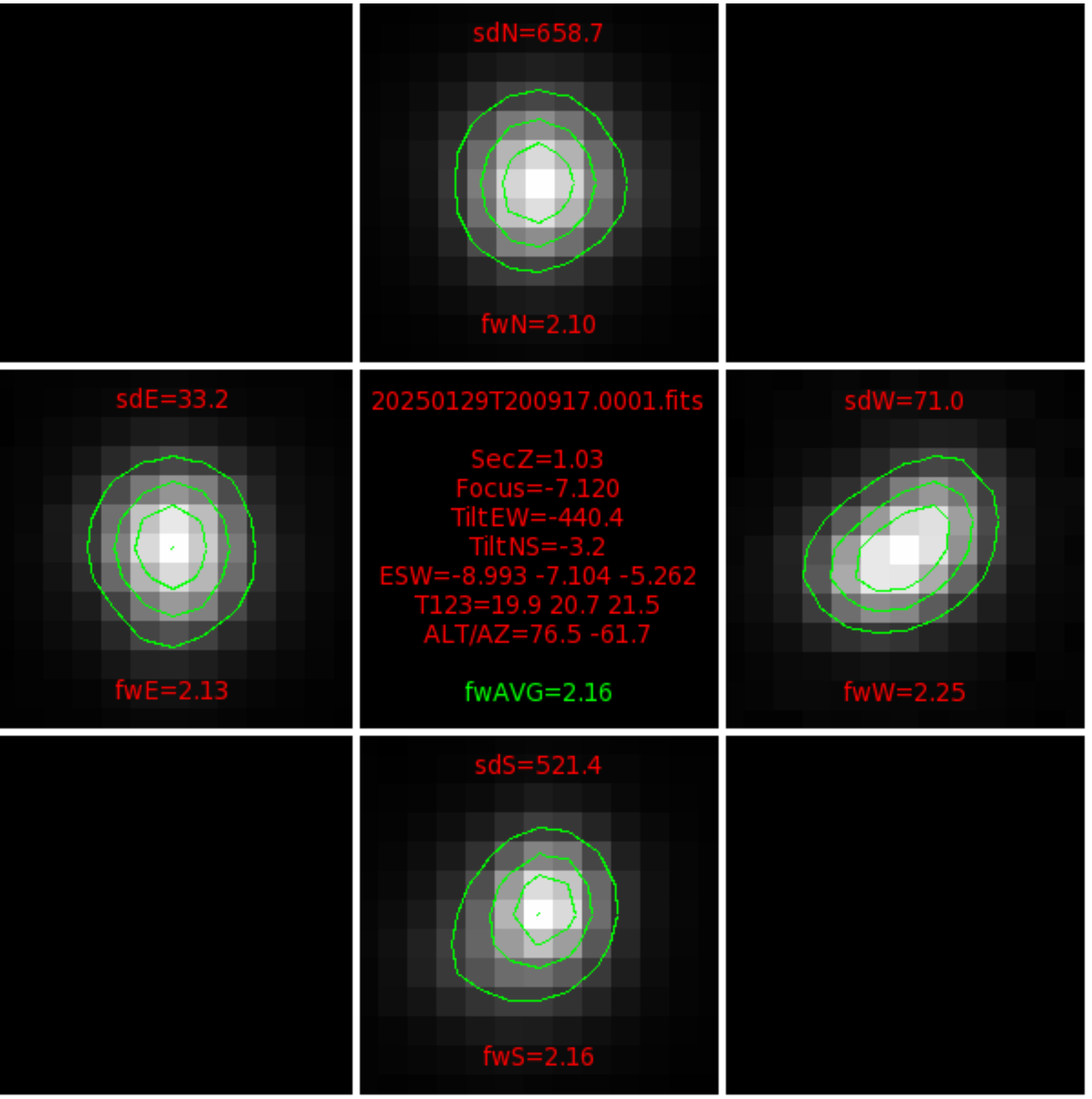

sdN=443.3
fwN=2.35
sdE=66.0
fwE=2.24
20250129T200249.0001.fits
SecZ=1.15
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.0 20.8 21.6
ALT/AZ=60.6 -30.6
fwAVG=2.35
sdW=594.6
fwW=2.45
sdS=80.2
fwS=2.35
0 0 0 0 0 0 0 0 0

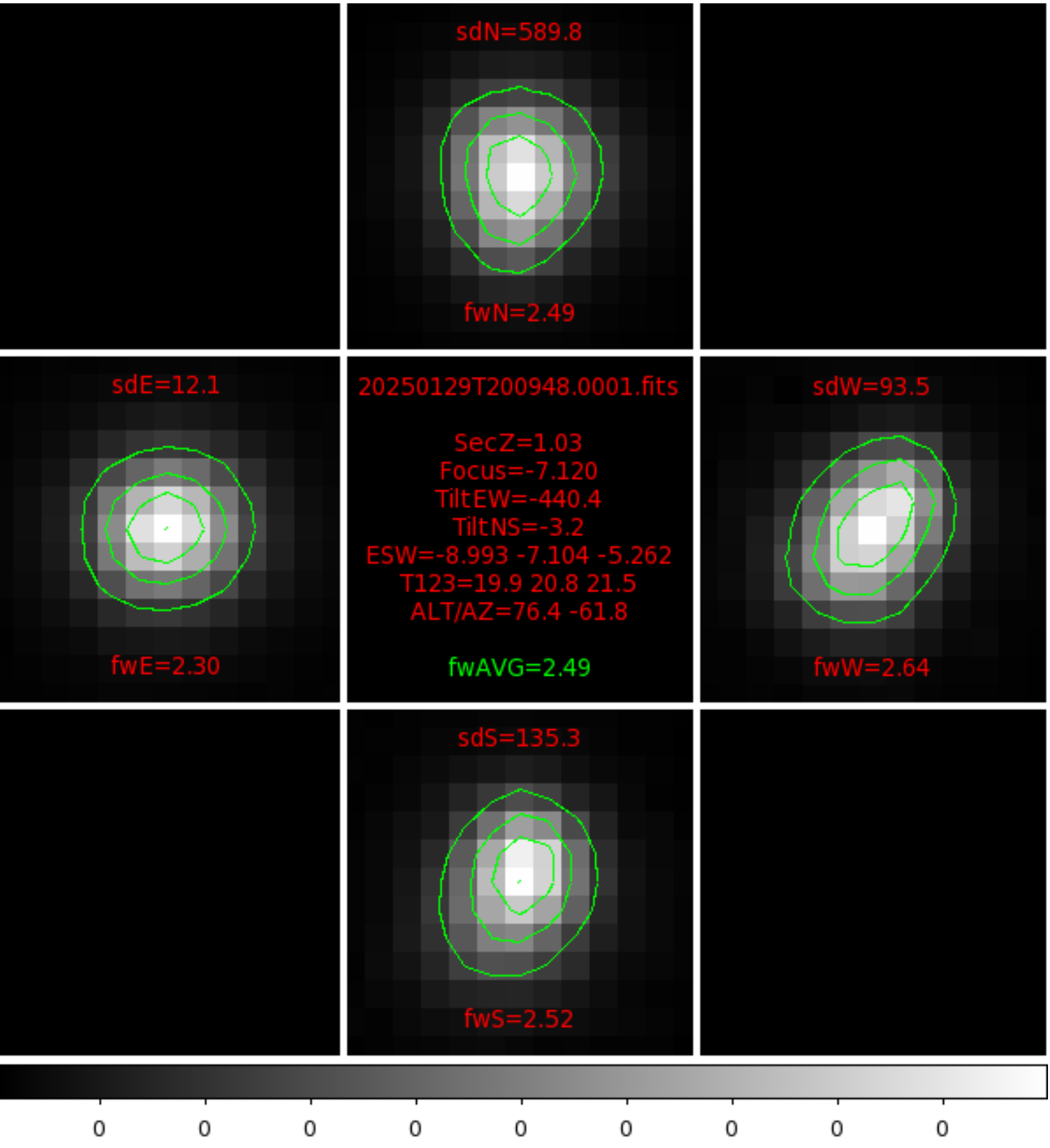

sdN=392.6
fwN=2.28
sdE=17.9
fwE=2.35
20250129T200459.0001.fits
SecZ=1.15
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.0 20.8 21.6
ALT/AZ=60.4 -31.0
fwAVG=2.29
sdW=16.1
fwW=2.29
sdS=231.9
fwS=2.22
0 0 0 0 0 0 0 0 0

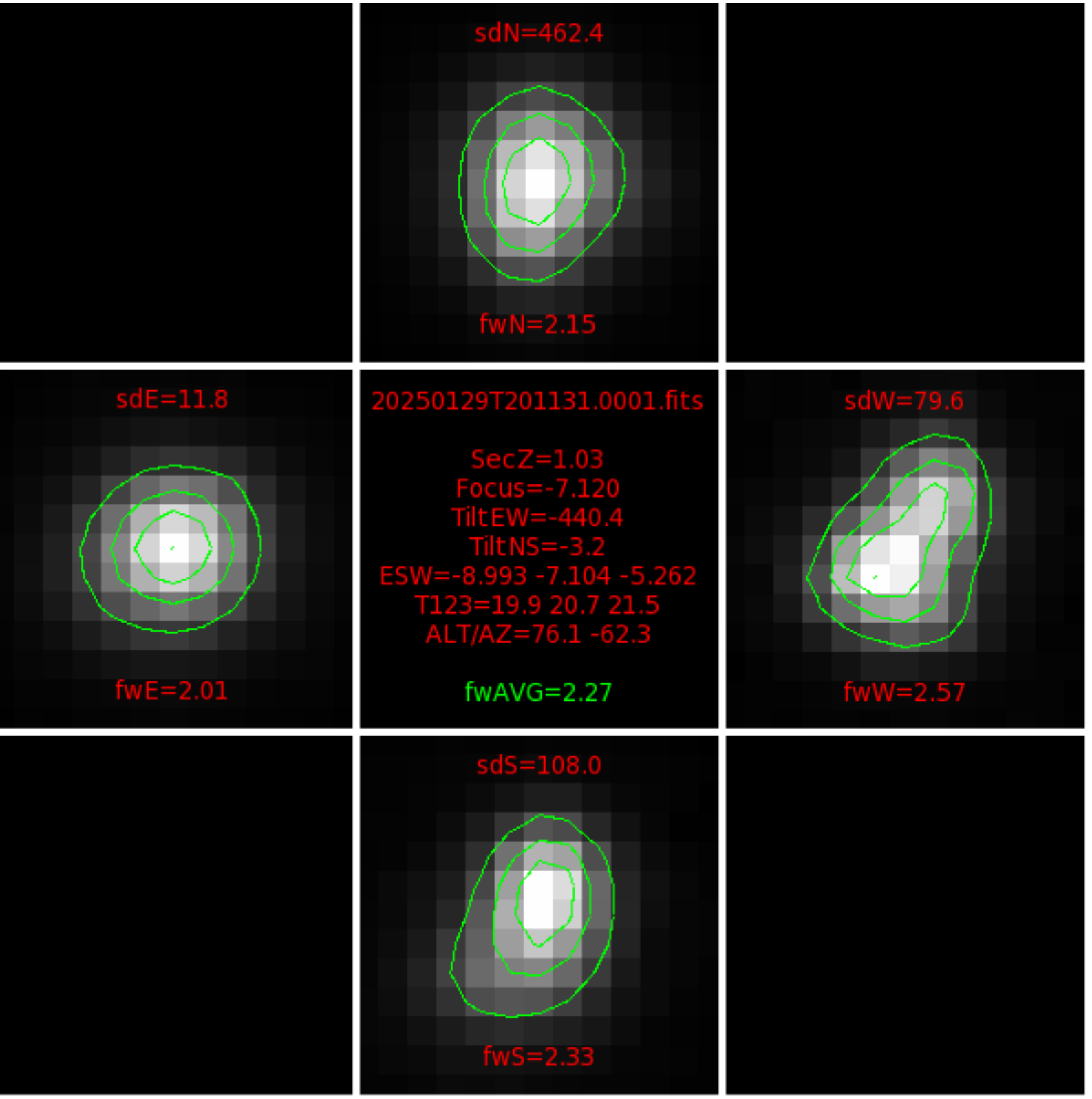

sdN=435.7
fwN=2.16
sdE=22.2
fwE=2.12
20250129T200529.0001.fits
SecZ=1.15
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.0 20.8 21.6
ALT/AZ=60.3 -31.1
fwAVG=2.20
sdW=22.3
fwW=2.30
sdS=298.6
fwS=2.24
0 0 0 0 0 0 0 0 0

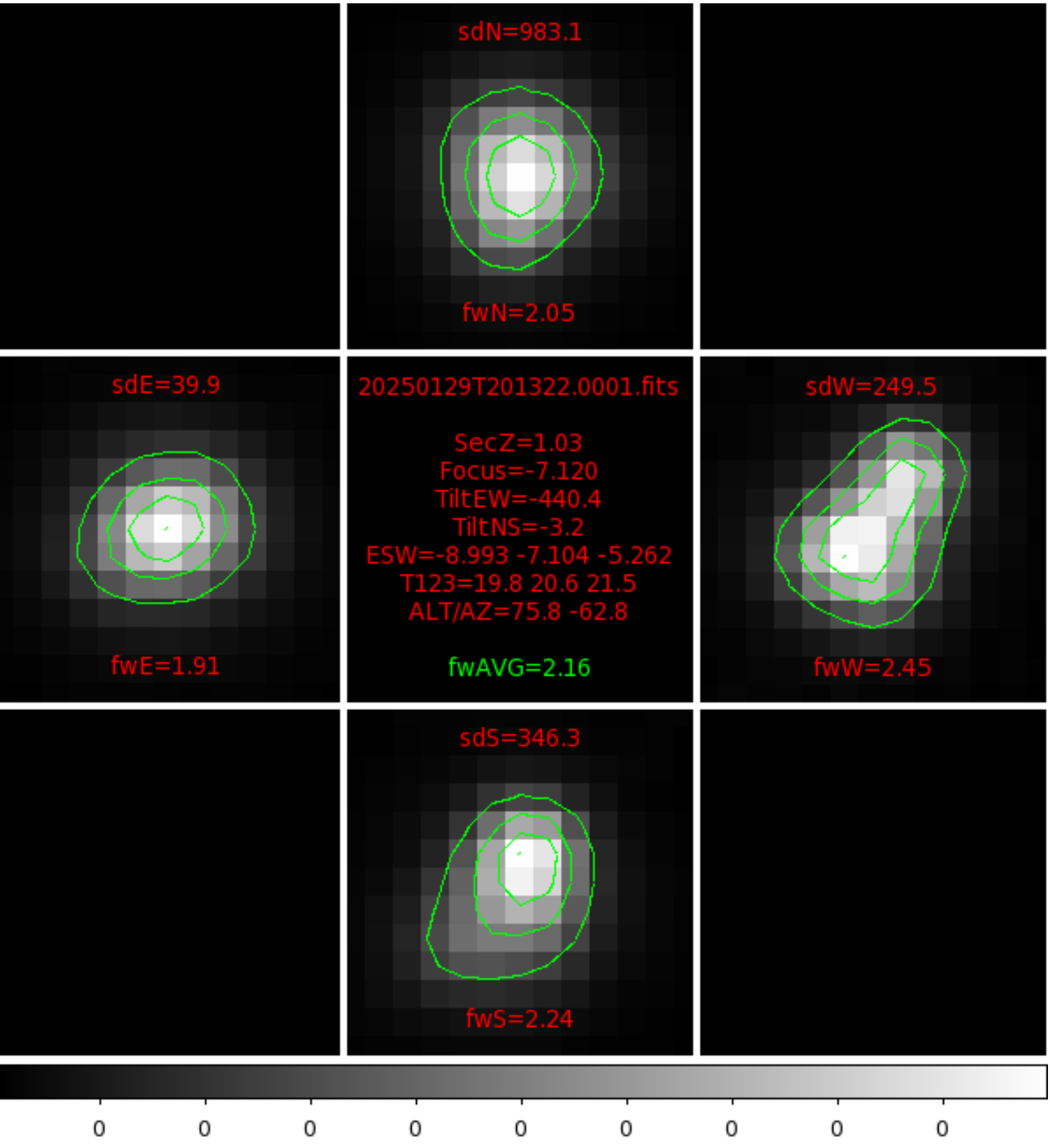

sdN=506.7
fwN=2.23
sdE=34.1
fwE=2.26
20250129T200707.0001.fits
SecZ=1.15
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=20.0 20.8 21.6
ALT/AZ=60.1 -31.4
fwAVG=2.23
sdW=40.9
fwW=2.22
sdS=484.1
fwS=2.21
0 0 0 0 0 0 0 0 0

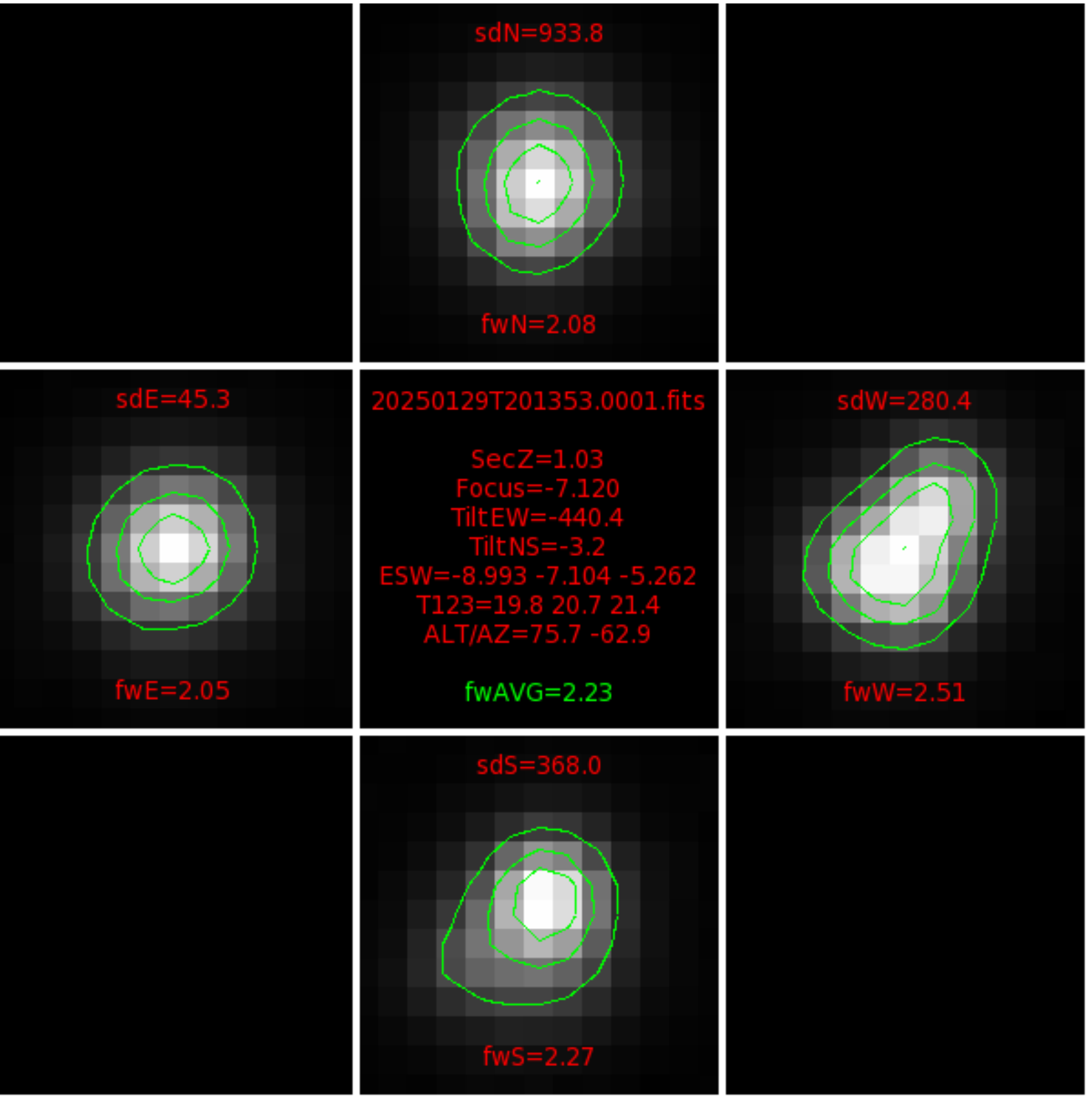

sdN=699.9
fwN=2.00
sdE=56.9
fwE=2.07
20250129T200737.0001.fits
SecZ=1.15
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=19.9 20.8 21.6
ALT/AZ=60.1 -31.5
fwAVG=2.12
sdW=91.7
fwW=2.27
sdS=647.1
fwS=2.15
0 0 0 0 0 0 0 0 0

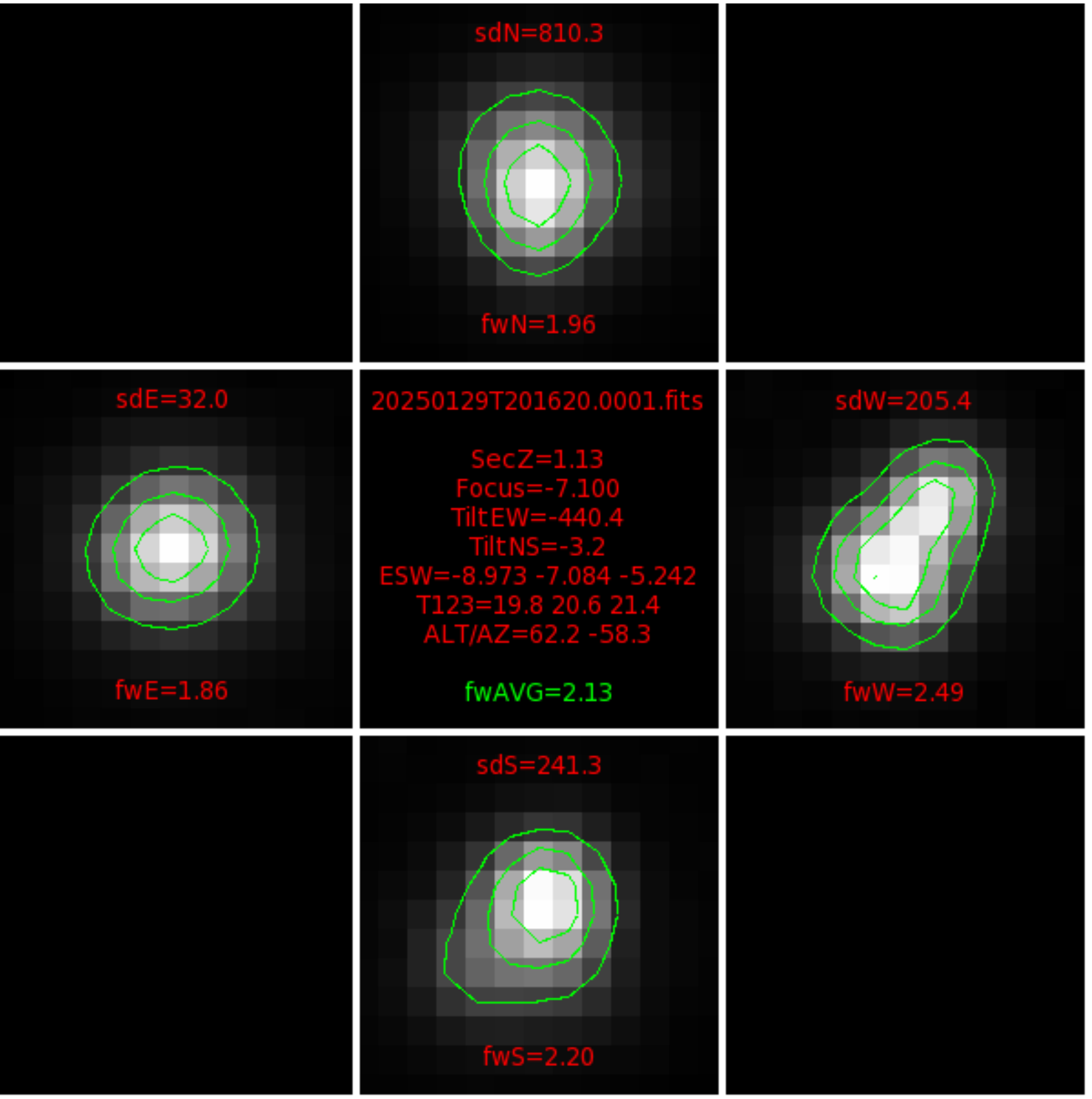

sdN=658.7
fwN=2.10
sdE=33.2
fwE=2.13
20250129T200917.0001.fits
SecZ=1.03
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=19.9 20.7 21.5
ALT/AZ=76.5 -61.7
fwAVG=2.16
sdW=71.0
fwW=2.25
sdS=521.4
fwS=2.16
0 0 0 0 0 0 0 0 0

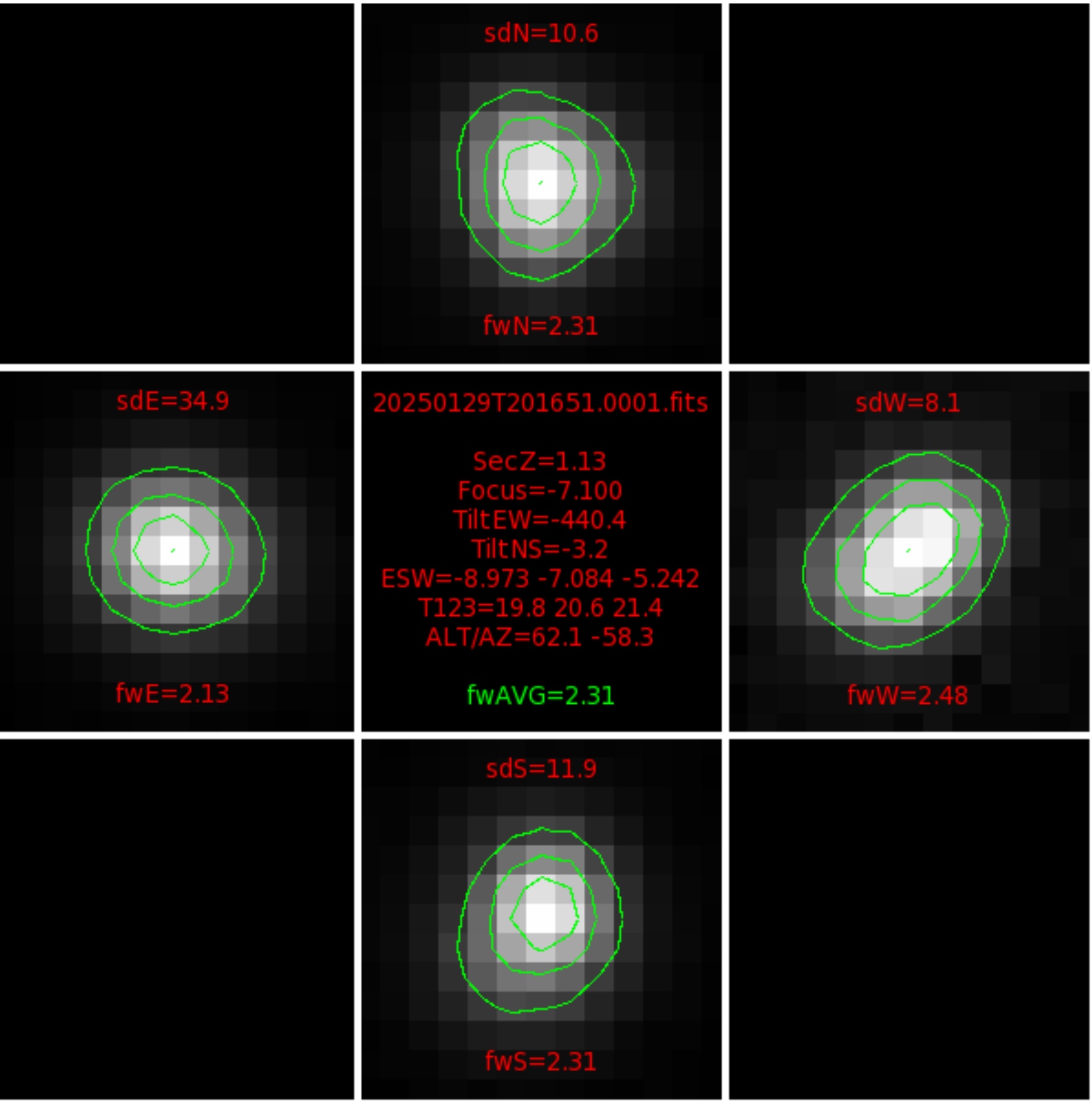

sdN=589.8
fwN=2.49
sdE=12.1
fwE=2.30
20250129T200948.0001.fits
SecZ=1.03
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=19.9 20.8 21.5
ALT/AZ=76.4 -61.8
fwAVG=2.49
sdW=93.5
fwW=2.64
sdS=135.3
fwS=2.52
0 0 0 0 0 0 0 0 0

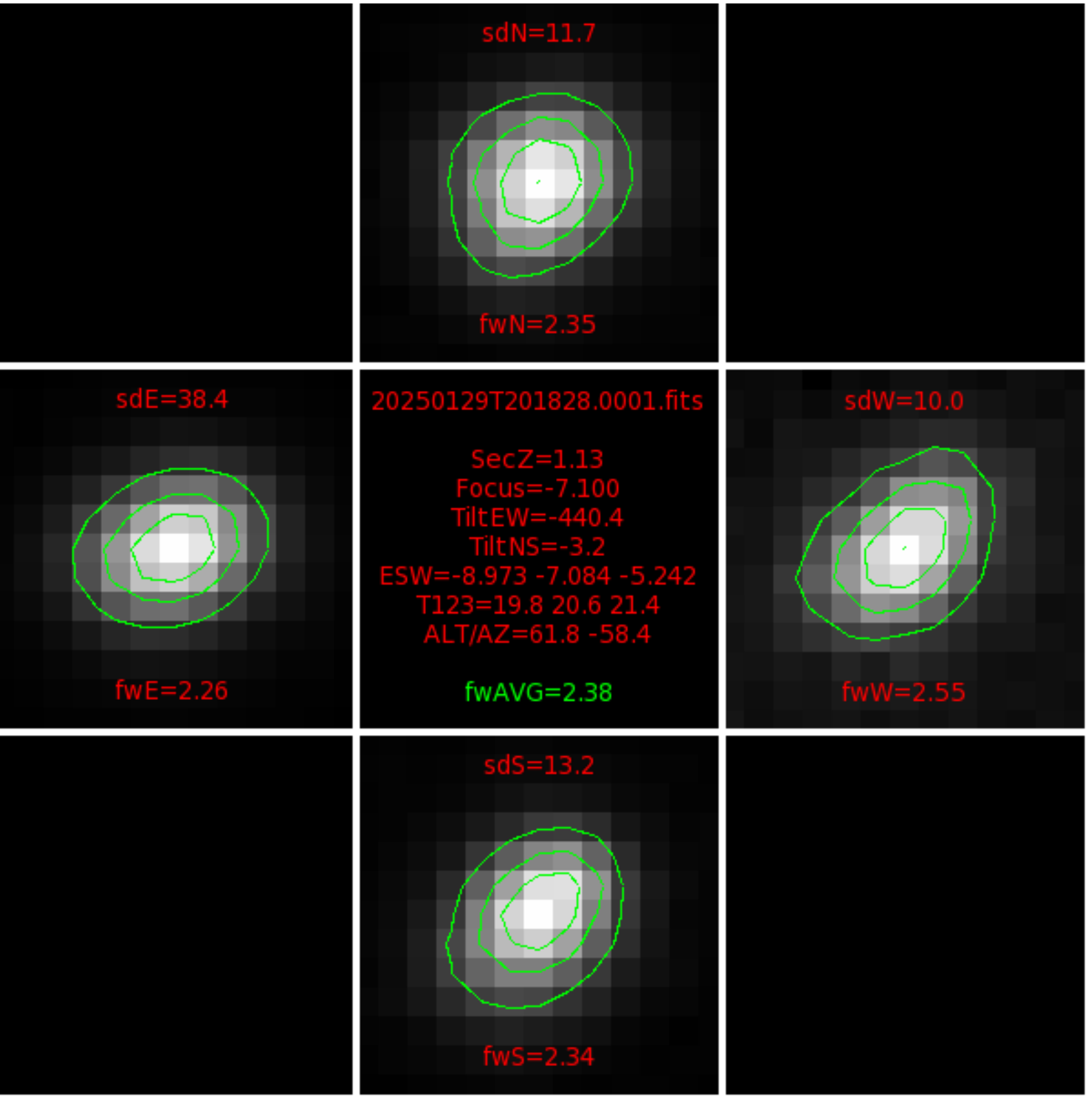

sdN=462.4
fwN=2.15
sdE=11.8
fwE=2.01
20250129T201131.0001.fits
SecZ=1.03
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=19.9 20.7 21.5
ALT/AZ=76.1 -62.3
fwAVG=2.27
sdW=79.6
fwW=2.57
sdS=108.0
fwS=2.33
0 0 0 0 0 0 0 0 0

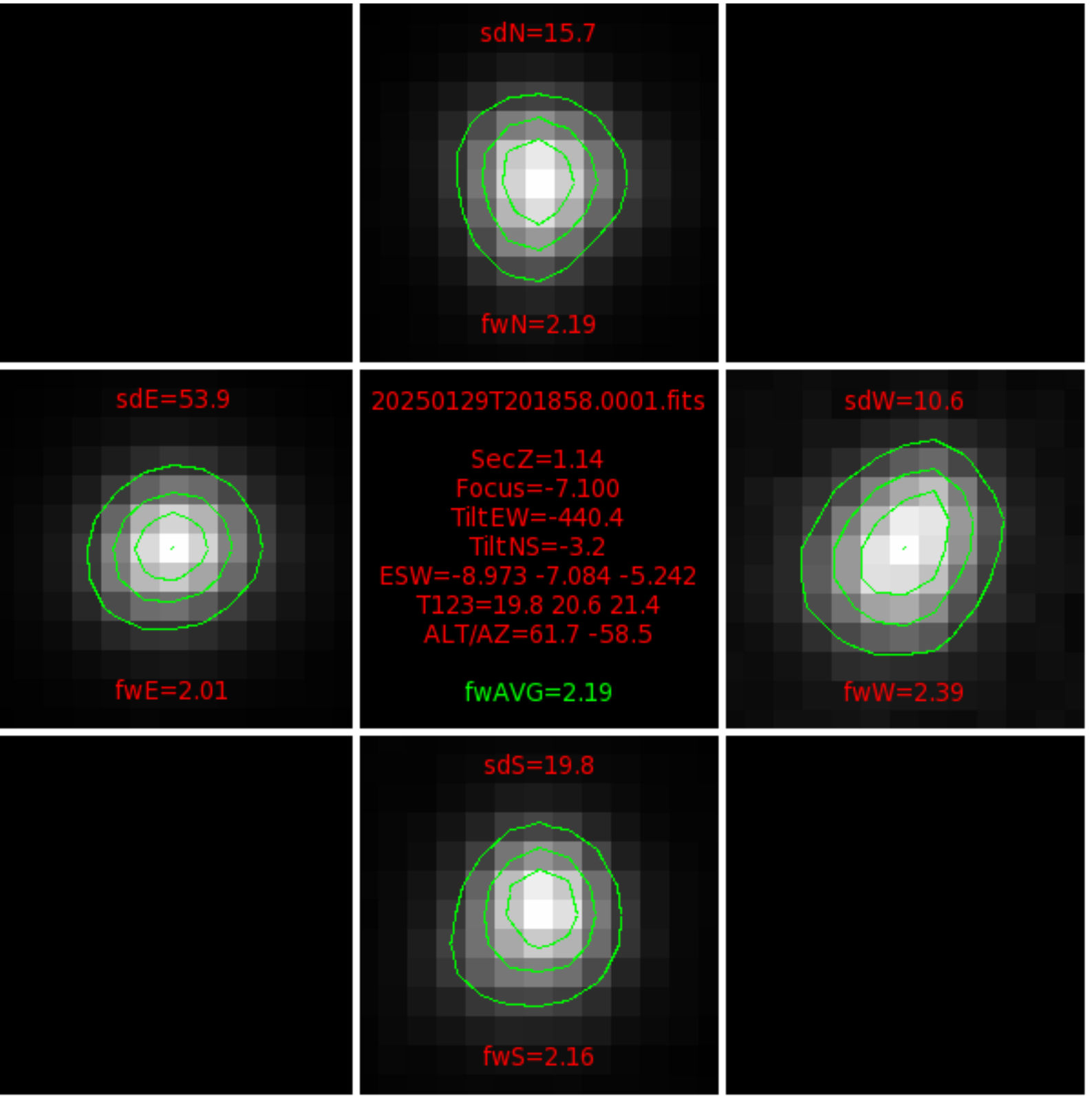

sdN=983.1
fwN=2.05
sdE=39.9
fwE=1.91
20250129T201322.0001.fits
SecZ=1.03
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=19.8 20.6 21.5
ALT/AZ=75.8 -62.8
fwAVG=2.16
sdW=249.5
fwW=2.45
sdS=346.3
fwS=2.24
0 0 0 0 0 0 0 0 0

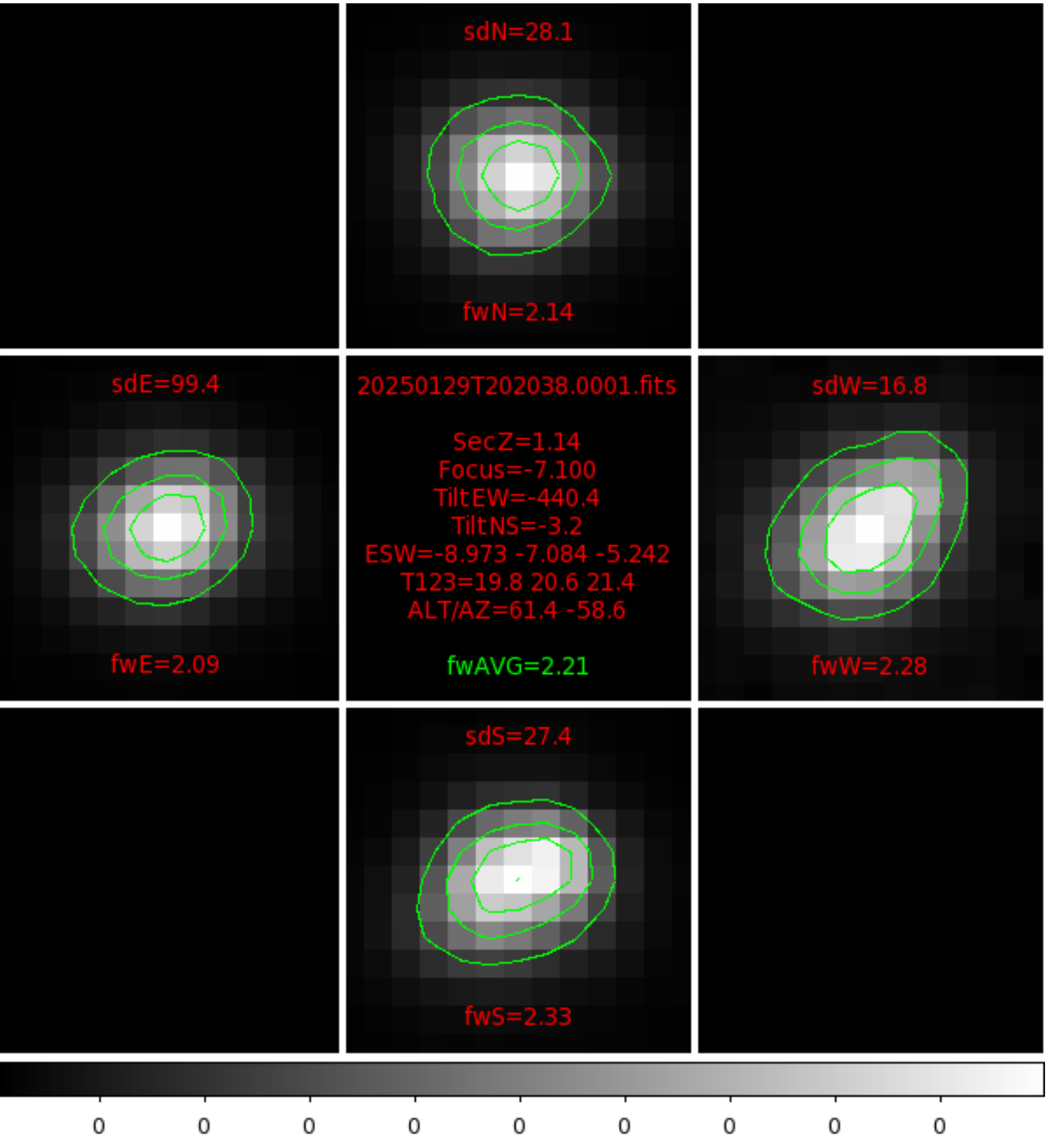

sdN=933.8
fwN=2.08
sdE=45.3
fwE=2.05
20250129T201353.0001.fits
SecZ=1.03
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=19.8 20.7 21.4
ALT/AZ=75.7 -62.9
fwAVG=2.23
sdW=280.4
fwW=2.51
sdS=368.0
fwS=2.27
0 0 0 0 0 0 0 0 0

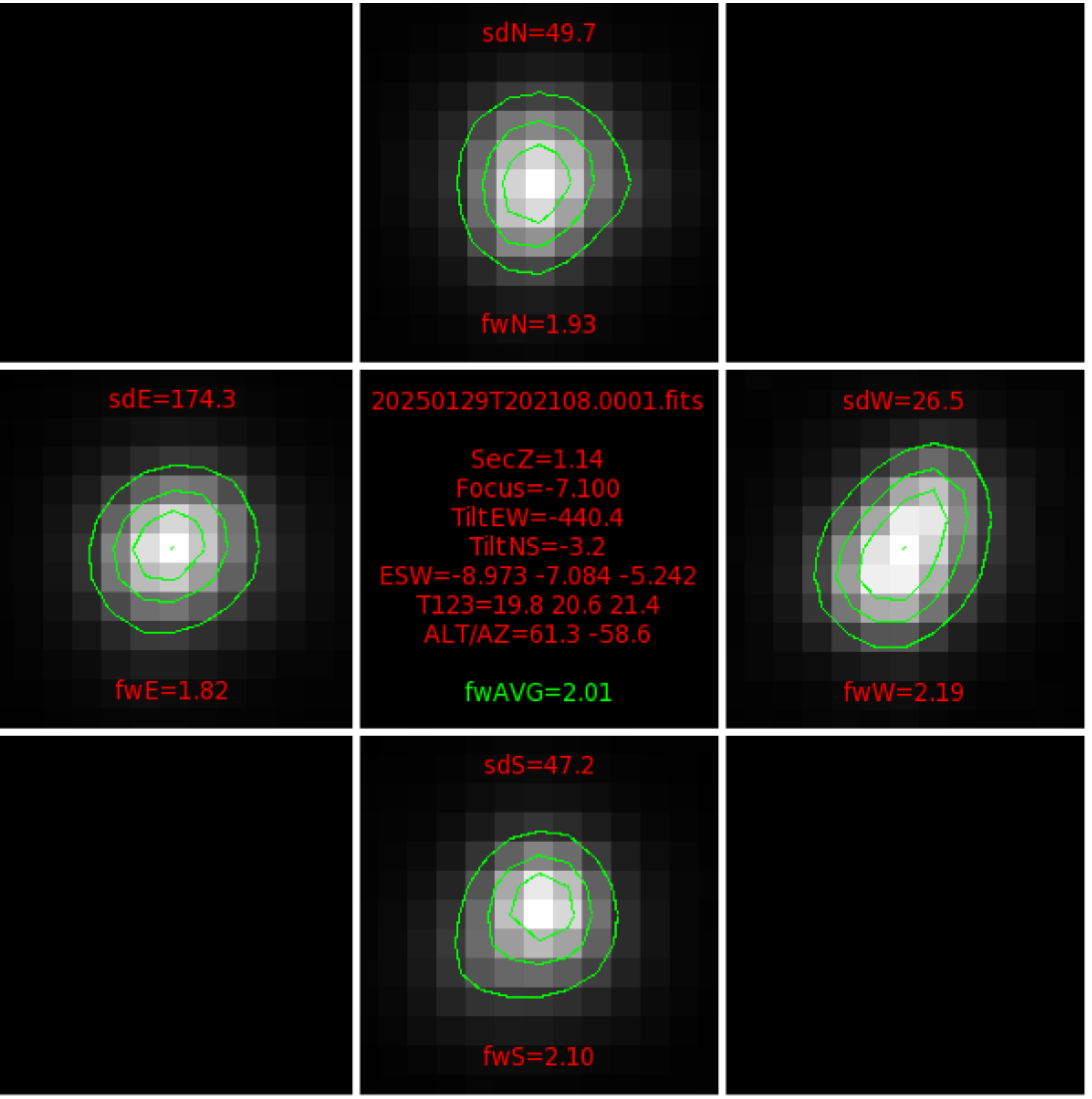

sdN=810.3
fwN=1.96
sdE=32.0
fwE=1.86
20250129T201620.0001.fits
SecZ=1.13
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.8 20.6 21.4
ALT/AZ=62.2 -58.3
fwAVG=2.13
sdW=205.4
fwW=2.49
sdS=241.3
fwS=2.20
0 0 0 0 0 0 0 0 0

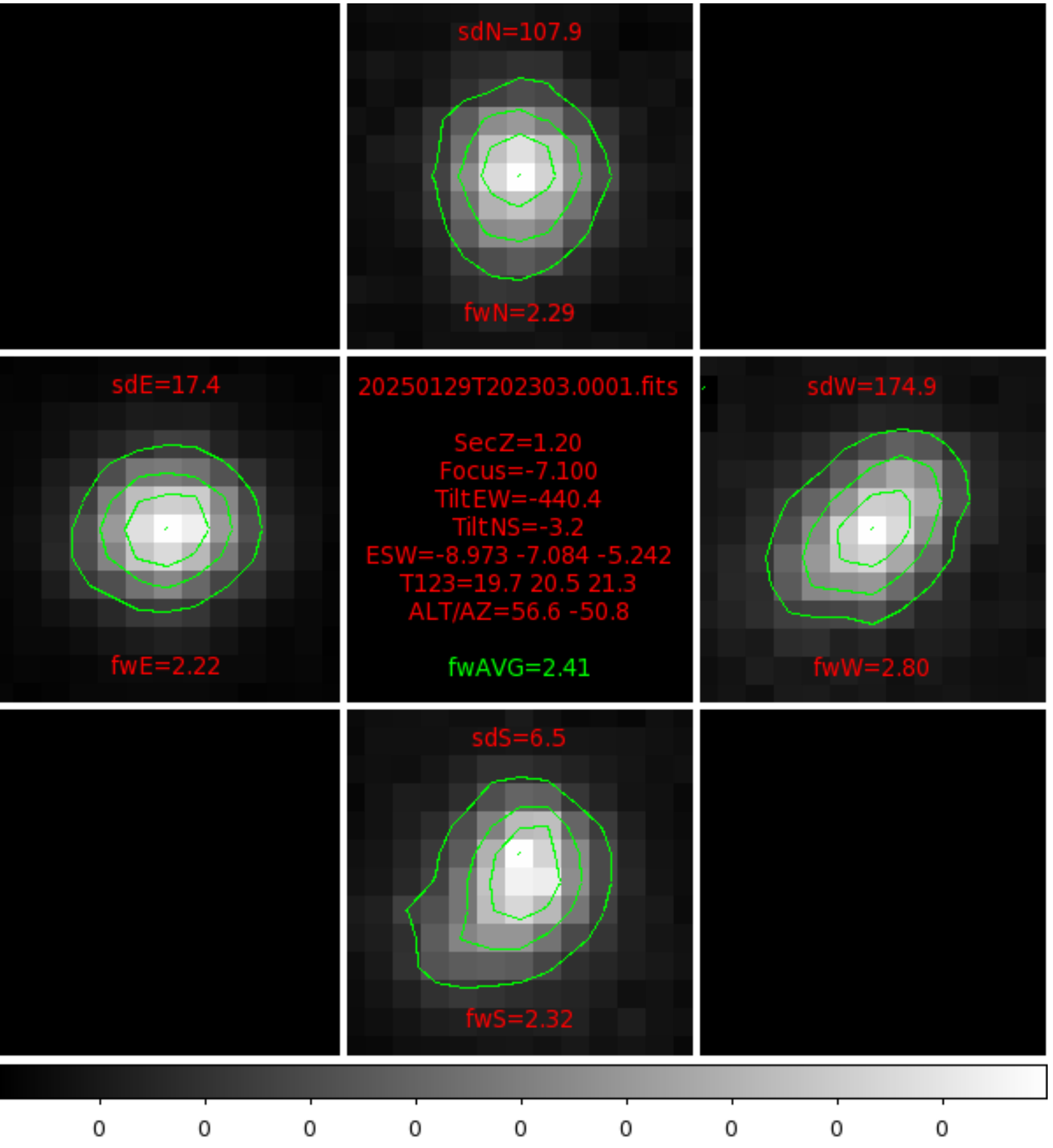

sdN=10.6
fwN=2.31
sdE=34.9
fwE=2.13
20250129T201651.0001.fits
SecZ=1.13
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.8 20.6 21.4
ALT/AZ=62.1 -58.3
fwAVG=2.31
sdW=8.1
fwW=2.48
sdS=11.9
fwS=2.31
0 0 0 0 0 0 0 0 0

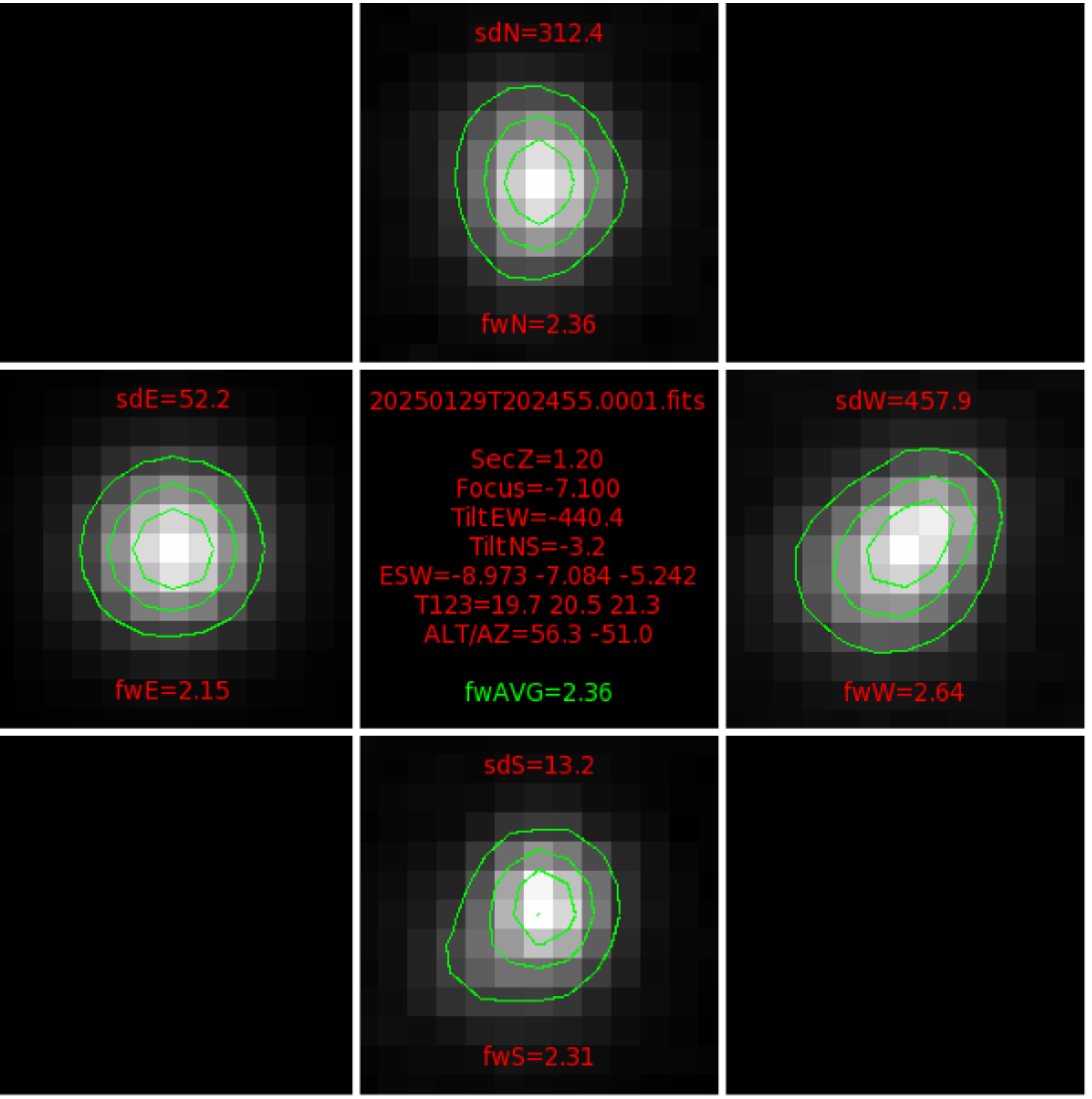

sdN=11.7
fwN=2.35
sdE=38.4
fwE=2.26
20250129T201828.0001.fits
SecZ=1.13
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.8 20.6 21.4
ALT/AZ=61.8 -58.4
fwAVG=2.38
sdW=10.0
fwW=2.55
sdS=13.2
fwS=2.34
0 0 0 0 0 0 0 0 0

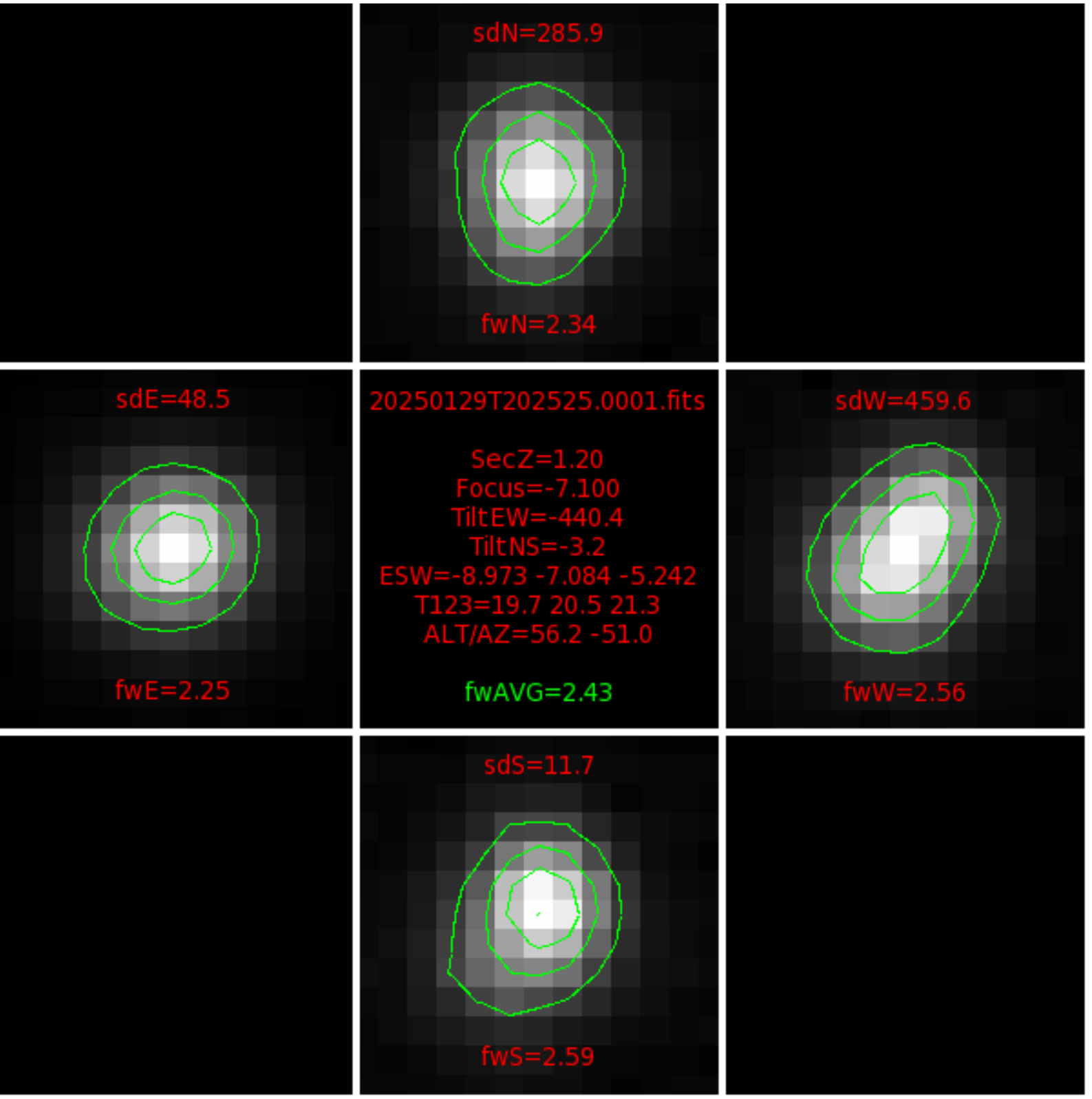

sdN=15.7
fwN=2.19
sdE=53.9
fwE=2.01
20250129T201858.0001.fits
SecZ=1.14
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.8 20.6 21.4
ALT/AZ=61.7 -58.5
fwAVG=2.19
sdW=10.6
fwW=2.39
sdS=19.8
fwS=2.16
0 0 0 0 0 0 0 0 0

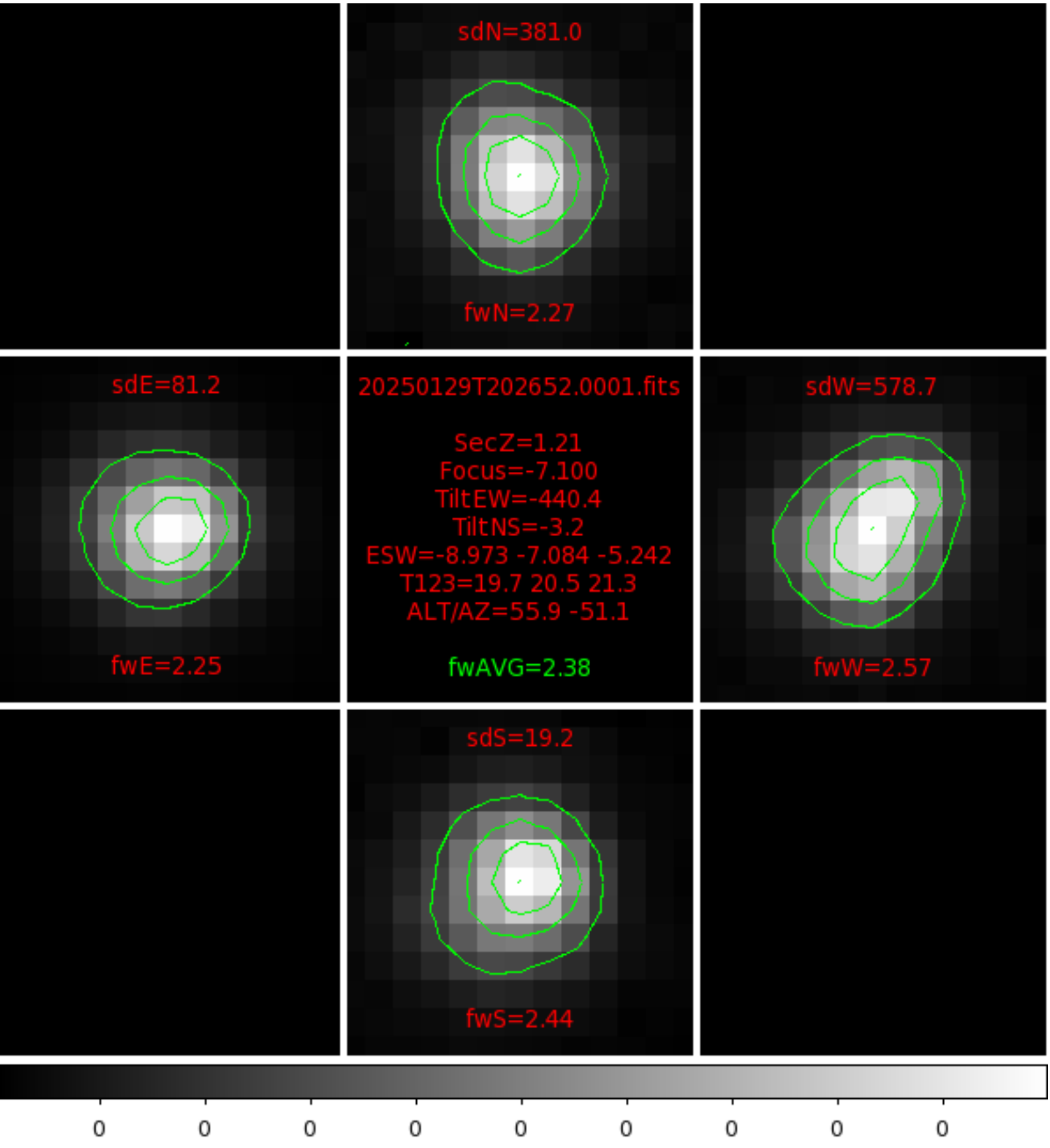

sdN=28.1
fwN=2.14
sdE=99.4
fwE=2.09
20250129T202038.0001.fits
SecZ=1.14
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.8 20.6 21.4
ALT/AZ=61.4 -58.6
fwAVG=2.21
sdW=16.8
fwW=2.28
sdS=27.4
fwS=2.33
0 0 0 0 0 0 0 0 0

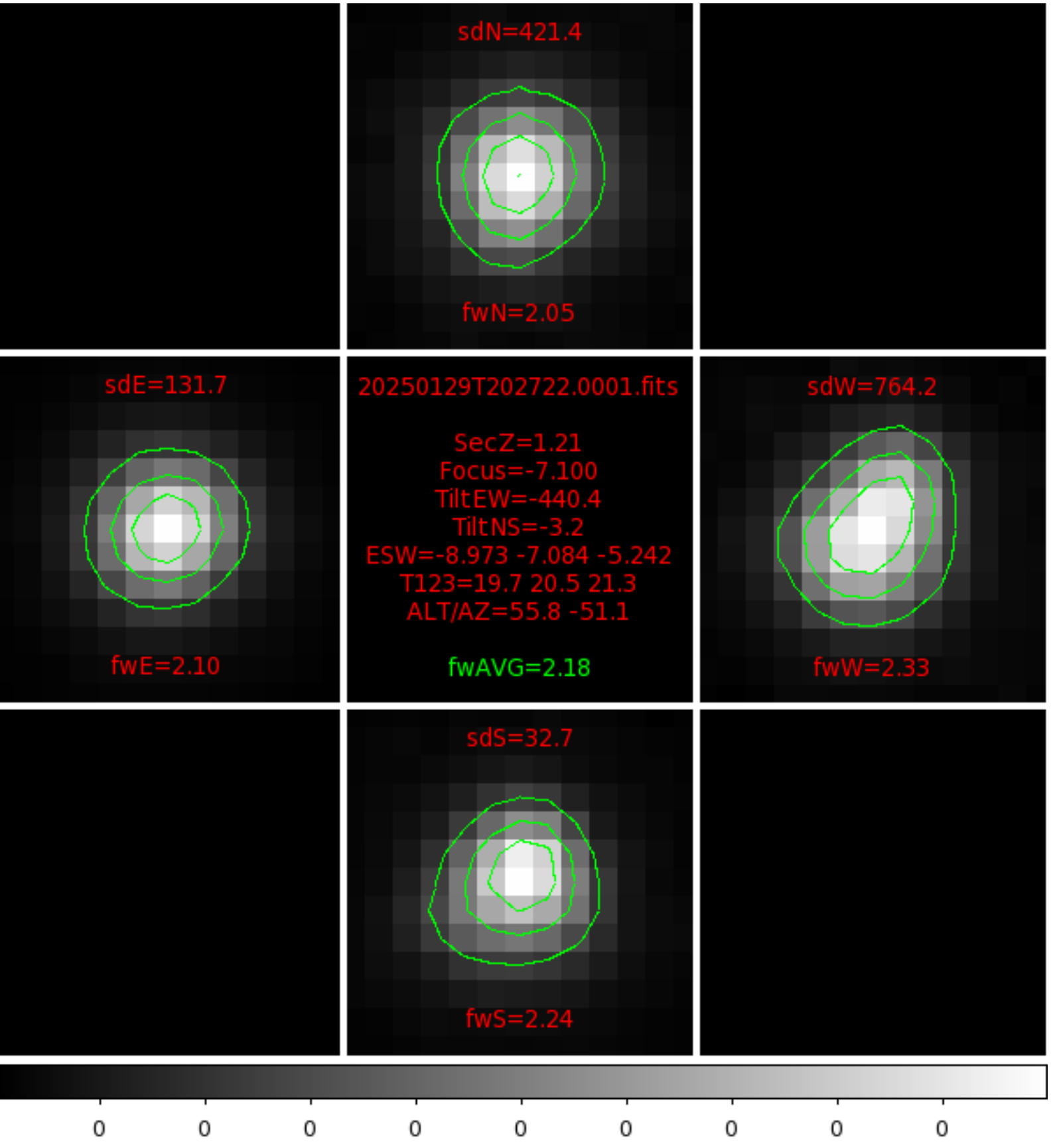

sdN=49.7
fwN=1.93
sdE=174.3
fwE=1.82
20250129T202108.0001.fits
SecZ=1.14
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.8 20.6 21.4
ALT/AZ=61.3 -58.6
fwAVG=2.01
sdW=26.5
fwW=2.19
sdS=47.2
fwS=2.10
0 0 0 0 0 0 0 0 0

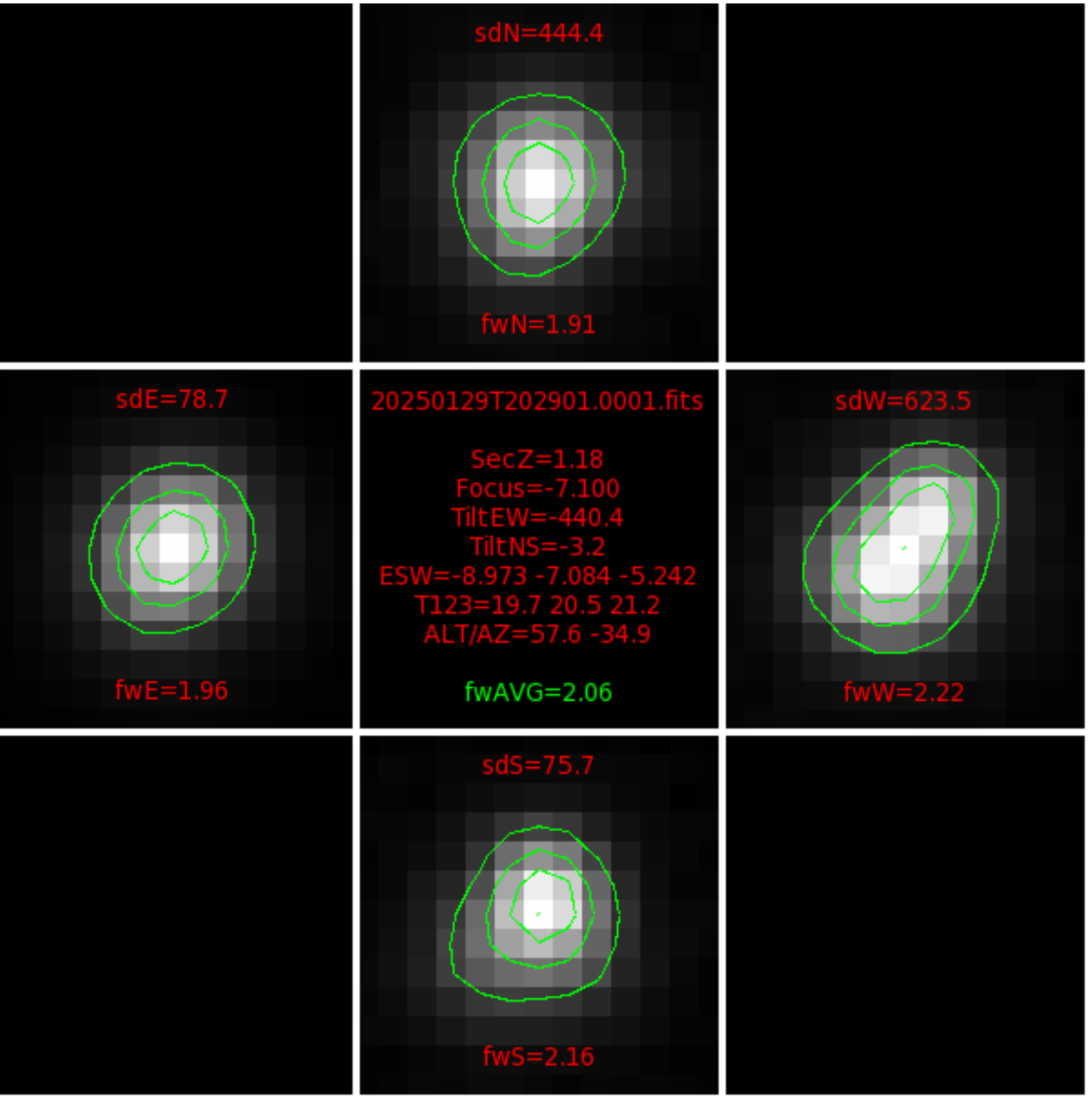

sdN=107.9
fwN=2.29
sdE=17.4
fwE=2.22
20250129T202303.0001.fits
SecZ=1.20
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.7 20.5 21.3
ALT/AZ=56.6 -50.8
fwAVG=2.41
sdW=174.9
fwW=2.80
sdS=6.5
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=312.4
fwN=2.36
sdE=52.2
fwE=2.15
20250129T202455.0001.fits
SecZ=1.20
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.7 20.5 21.3
ALT/AZ=56.3 -51.0
fwAVG=2.36
sdW=457.9
fwW=2.64
sdS=13.2
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=285.9
fwN=2.34
sdE=48.5
fwE=2.25
20250129T202525.0001.fits
SecZ=1.20
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.7 20.5 21.3
ALT/AZ=56.2 -51.0
fwAVG=2.43
sdW=459.6
fwW=2.56
sdS=11.7
fwS=2.59
0 0 0 0 0 0 0 0 0


sdN=381.0
fwN=2.27
sdE=81.2
fwE=2.25
20250129T202652.0001.fits
SecZ=1.21
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.7 20.5 21.3
ALT/AZ=55.9 -51.1
fwAVG=2.38
sdW=578.7
fwW=2.57
sdS=19.2
fwS=2.44
0 0 0 0 0 0 0 0 0


sdN=421.4
fwN=2.05
sdE=131.7
fwE=2.10
20250129T202722.0001.fits
SecZ=1.21
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.7 20.5 21.3
ALT/AZ=55.8 -51.1
fwAVG=2.18
sdW=764.2
fwW=2.33
sdS=32.7
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=444.4
fwN=1.91
sdE=78.7
fwE=1.96
20250129T202901.0001.fits
SecZ=1.18
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.7 20.5 21.2
ALT/AZ=57.6 -34.9
fwAVG=2.06
sdW=623.5
fwW=2.22
sdS=75.7
fwS=2.16
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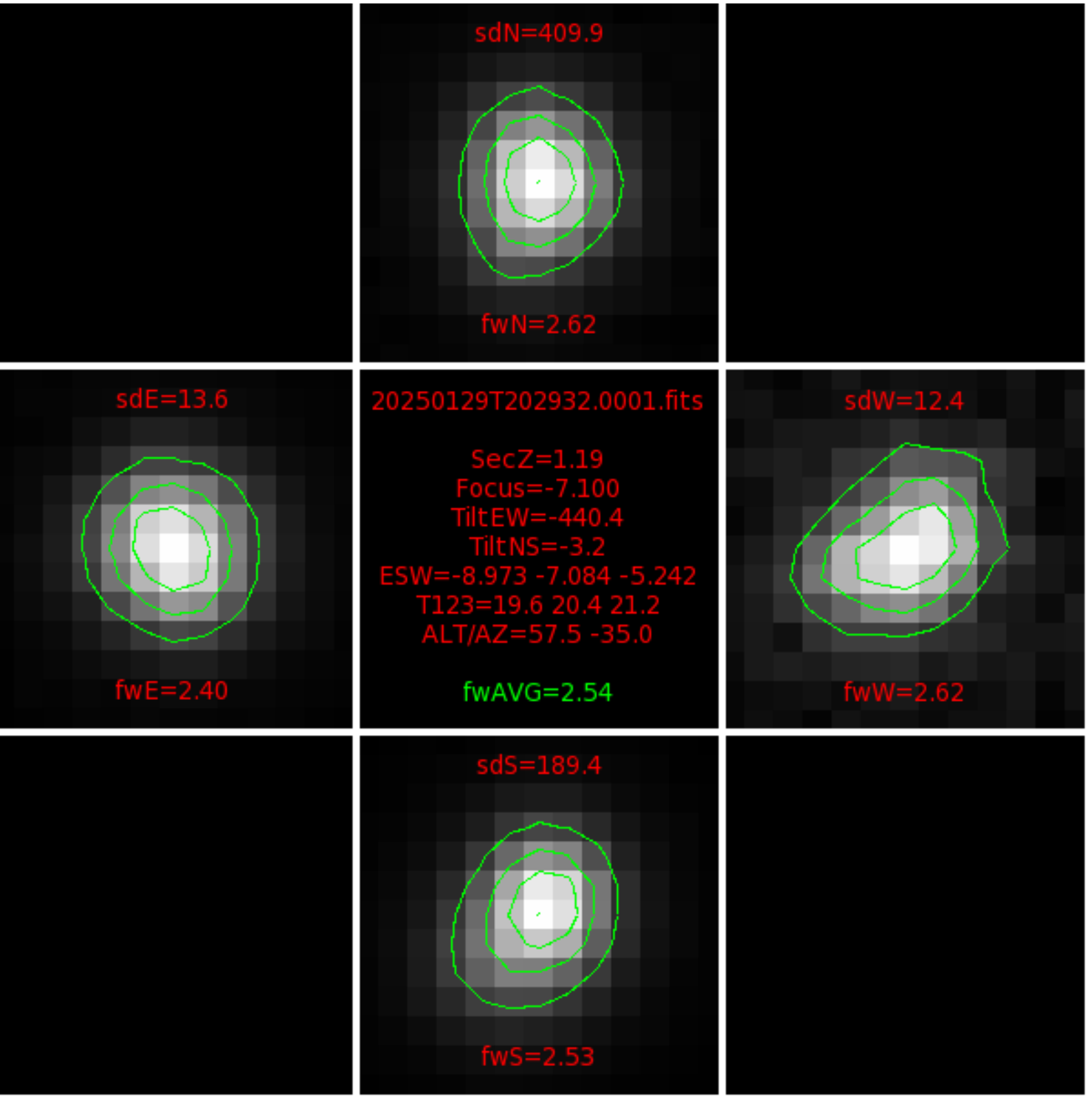
sdN=409.9
fwN=2.62
sdE=13.6
fwE=2.40
20250129T202932.0001.fits
SecZ=1.19
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.6 20.4 21.2
ALT/AZ=57.5 -35.0
fwAVG=2.54
sdW=12.4
fwW=2.62
sdS=189.4
fwS=2.53
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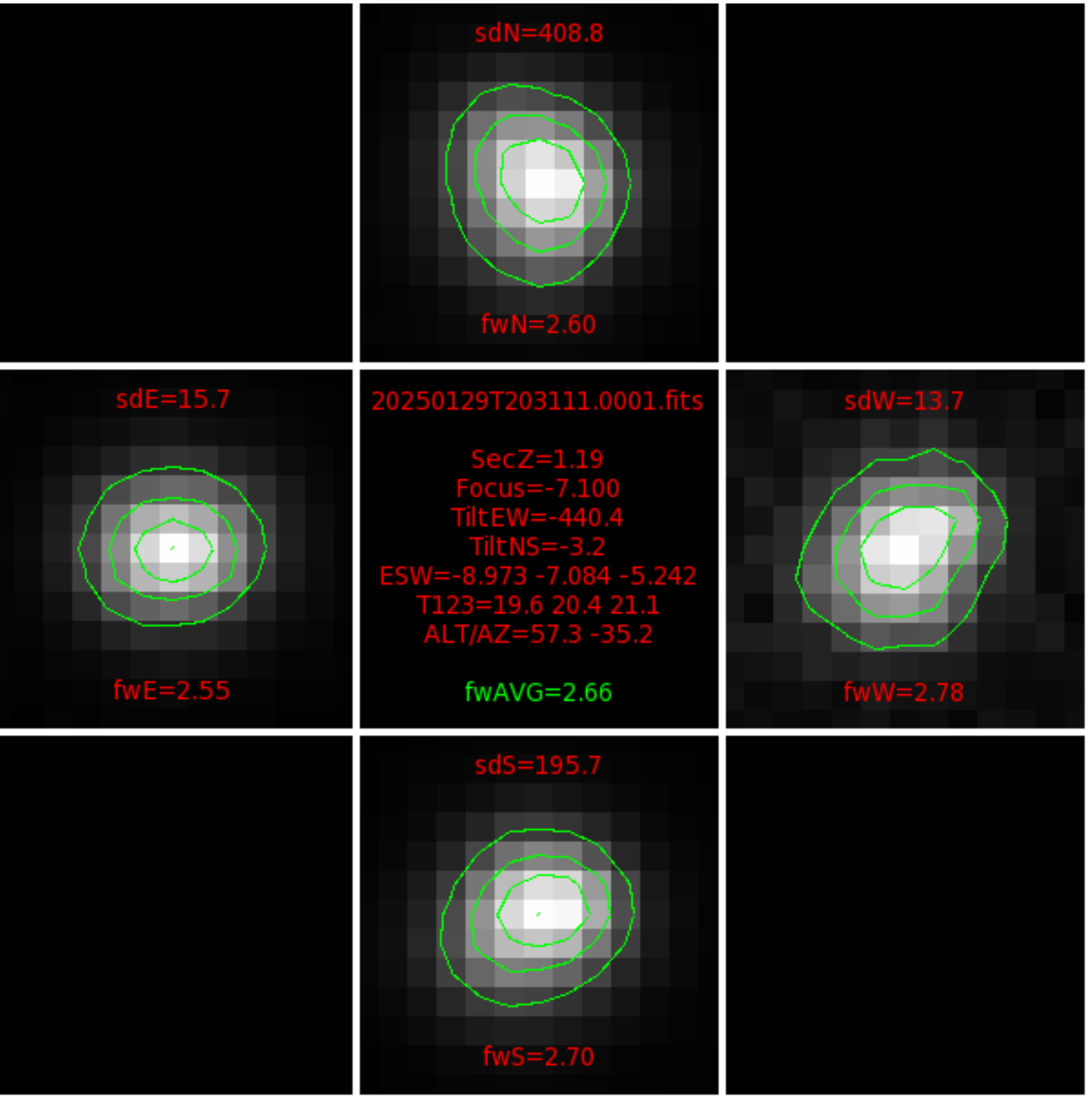
sdN=408.8
fwN=2.60
sdE=15.7
fwE=2.55
20250129T203111.0001.fits
SecZ=1.19
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.6 20.4 21.1
ALT/AZ=57.3 -35.2
fwAVG=2.66
sdW=13.7
fwW=2.78
sdS=195.7
fwS=2.70
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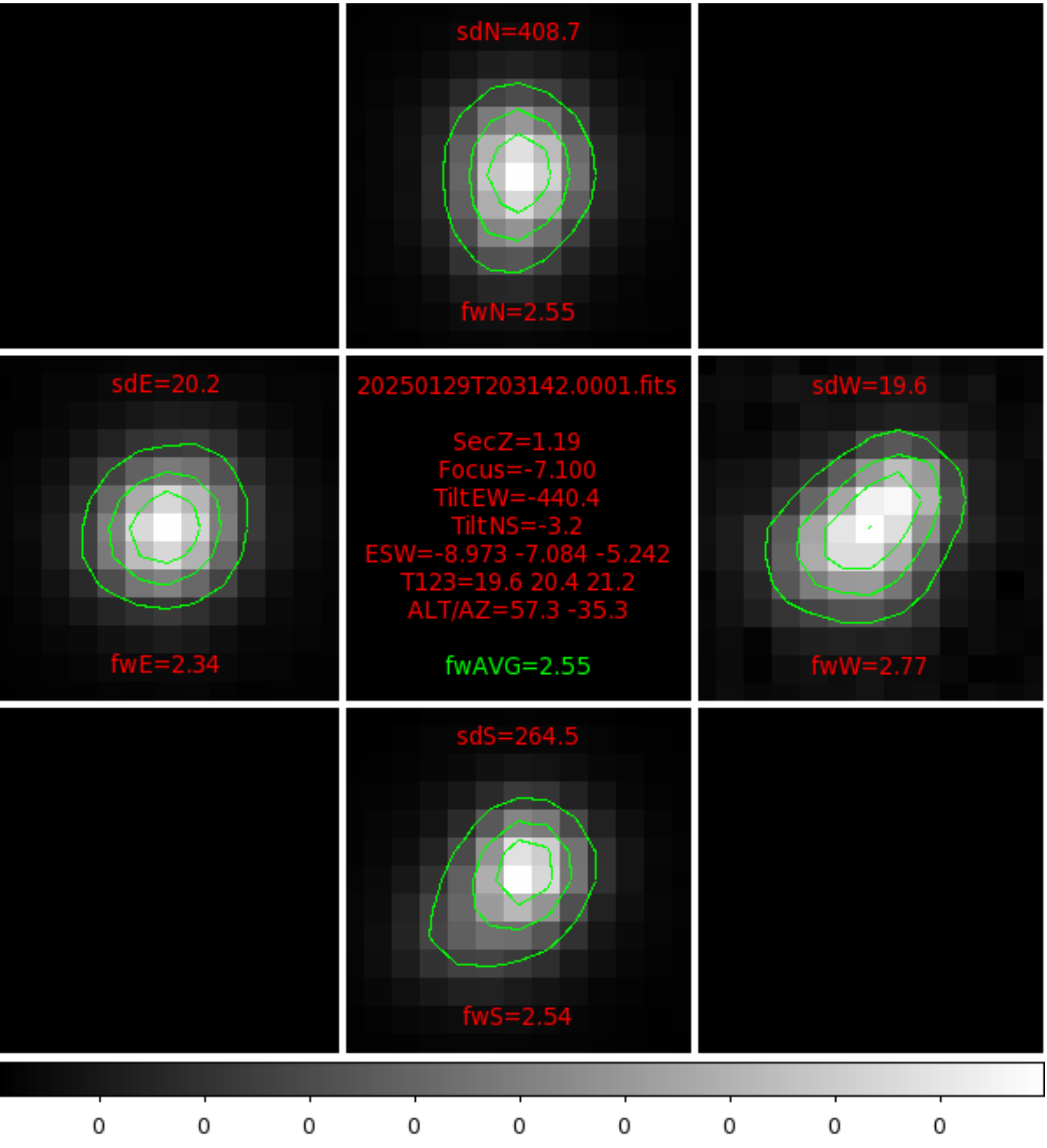
sdN=408.7
fwN=2.55
sdE=20.2
fwE=2.34
20250129T203142.0001.fits
SecZ=1.19
Focus=-7.100
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.973 -7.084 -5.242
T123=19.6 20.4 21.2
ALT/AZ=57.3 -35.3
fwAVG=2.55
sdW=19.6
fwW=2.77
sdS=264.5
fwS=2.54
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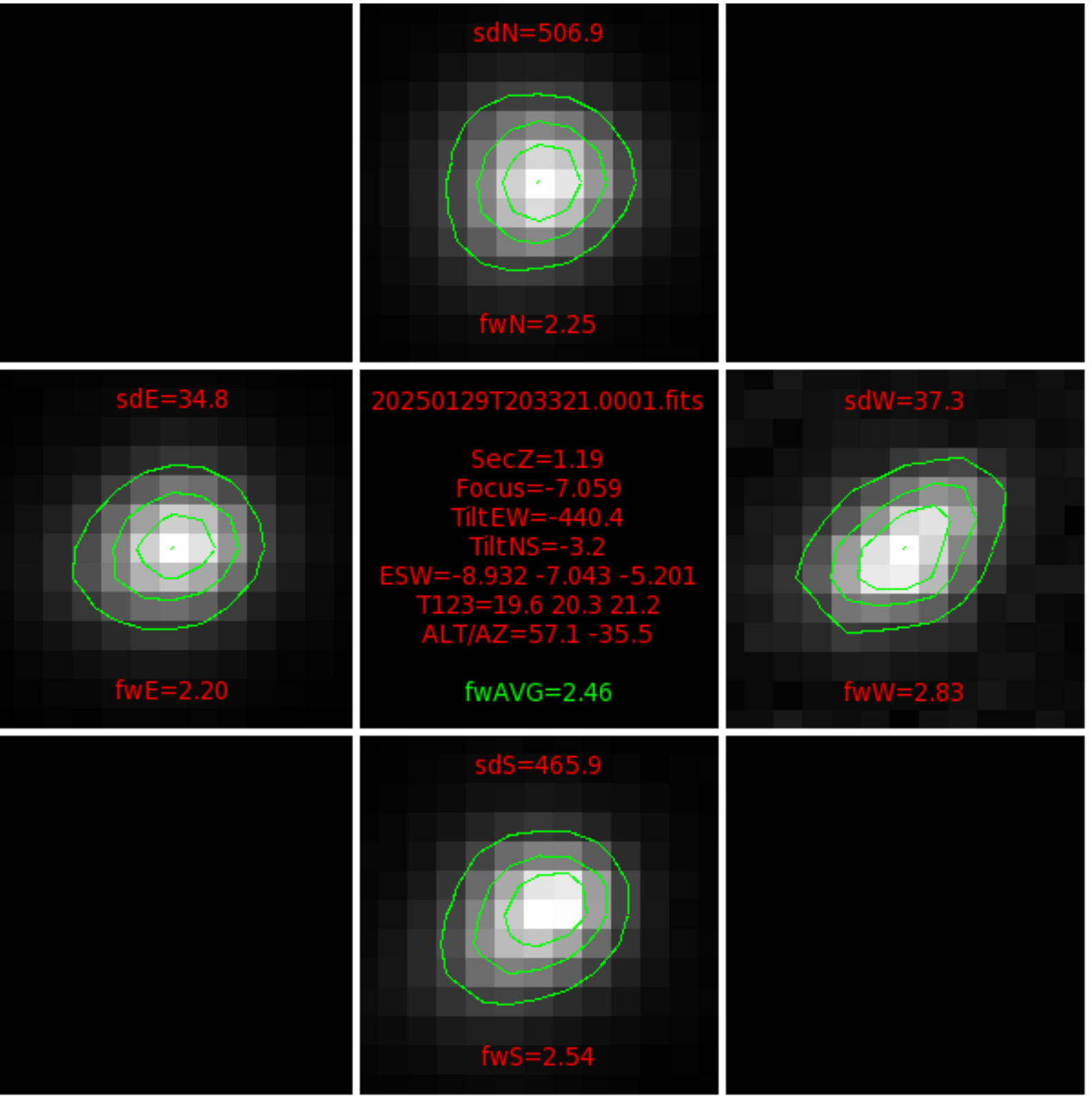
sdN=506.9
fwN=2.25
sdE=34.8
fwE=2.20
20250129T203321.0001.fits
SecZ=1.19
Focus=-7.059
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.932 -7.043 -5.201
T123=19.6 20.3 21.2
ALT/AZ=57.1 -35.5
fwAVG=2.46
sdW=37.3
fwW=2.83
sdS=465.9
fwS=2.54
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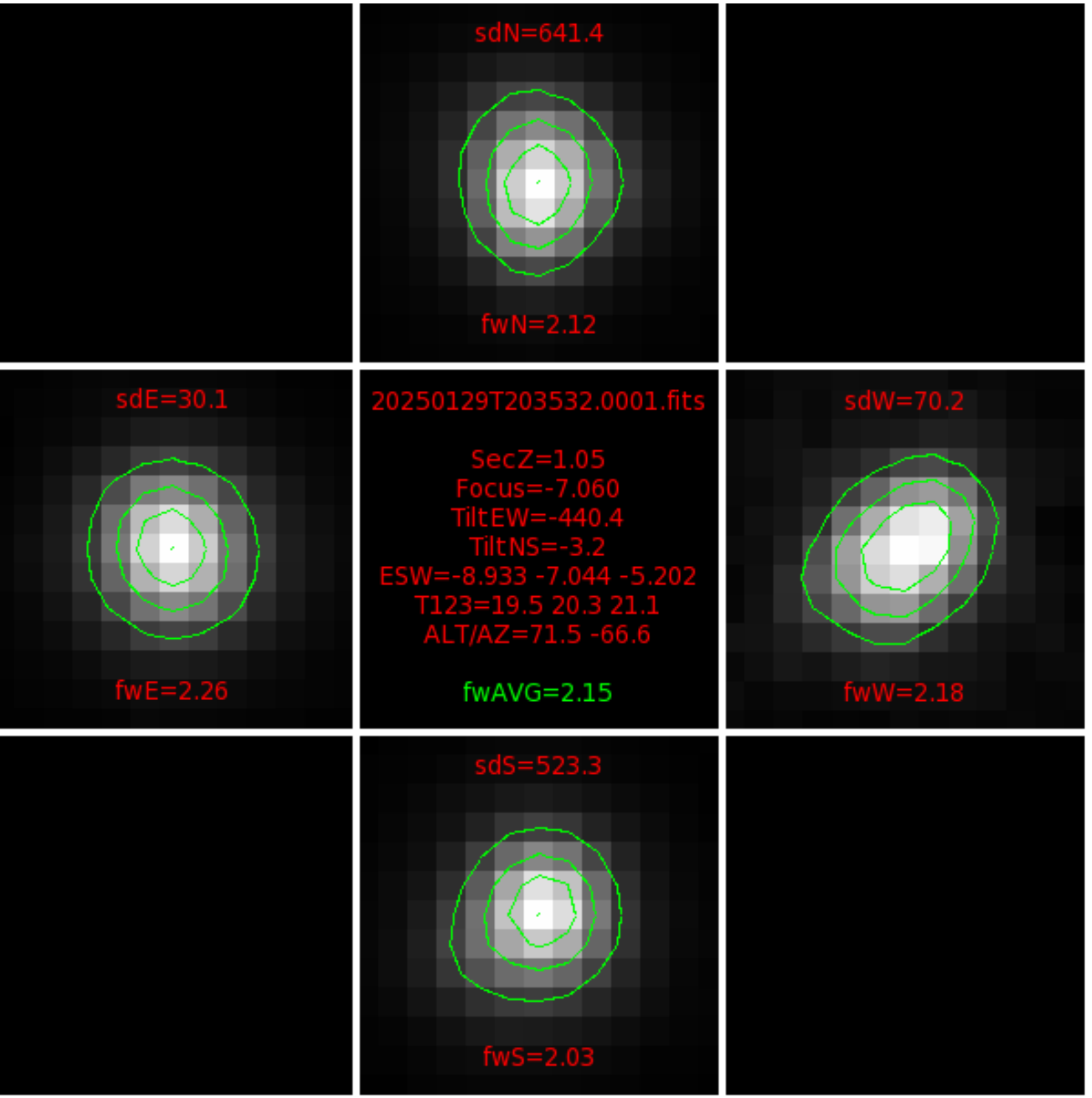
sdN=641.4
fwN=2.12
sdE=30.1
fwE=2.26
20250129T203532.0001.fits
SecZ=1.05
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.5 20.3 21.1
ALT/AZ=71.5 -66.6
fwAVG=2.15
sdW=70.2
fwW=2.18
sdS=523.3
fwS=2.03
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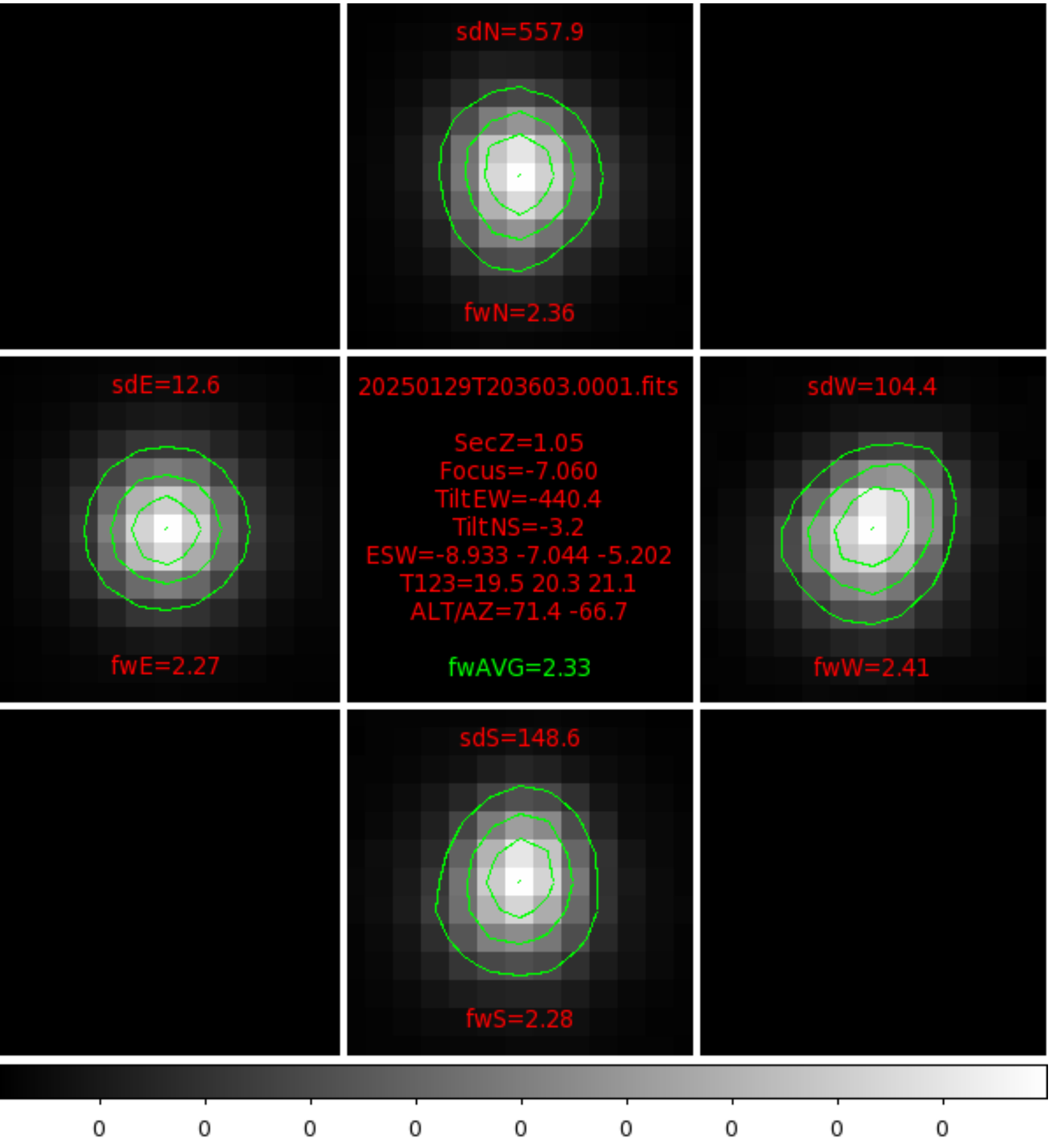
sdN=557.9
fwN=2.36
sdE=12.6
fwE=2.27
20250129T203603.0001.fits
SecZ=1.05
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.5 20.3 21.1
ALT/AZ=71.4 -66.7
fwAVG=2.33
sdW=104.4
fwW=2.41
sdS=148.6
fwS=2.28
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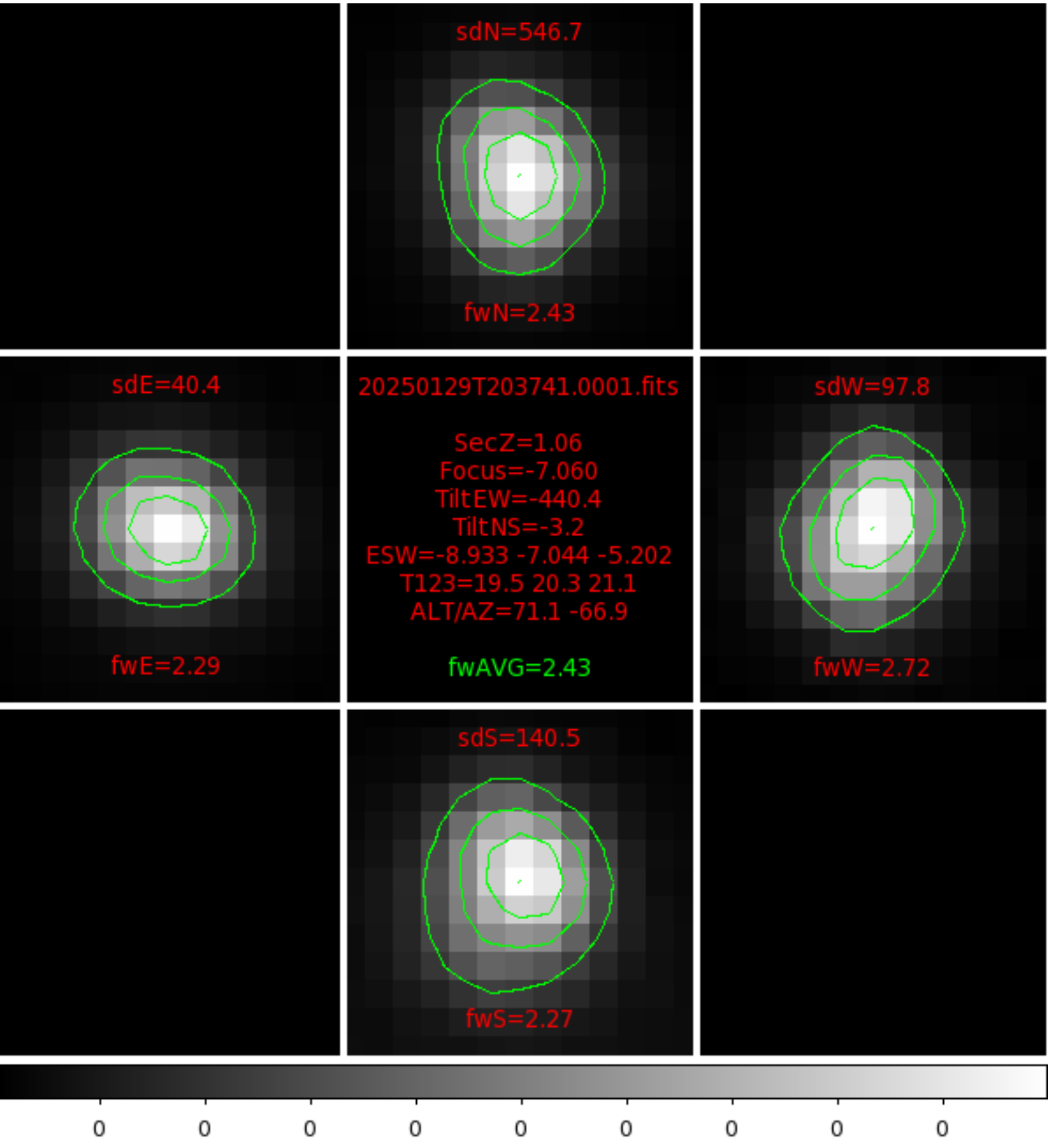
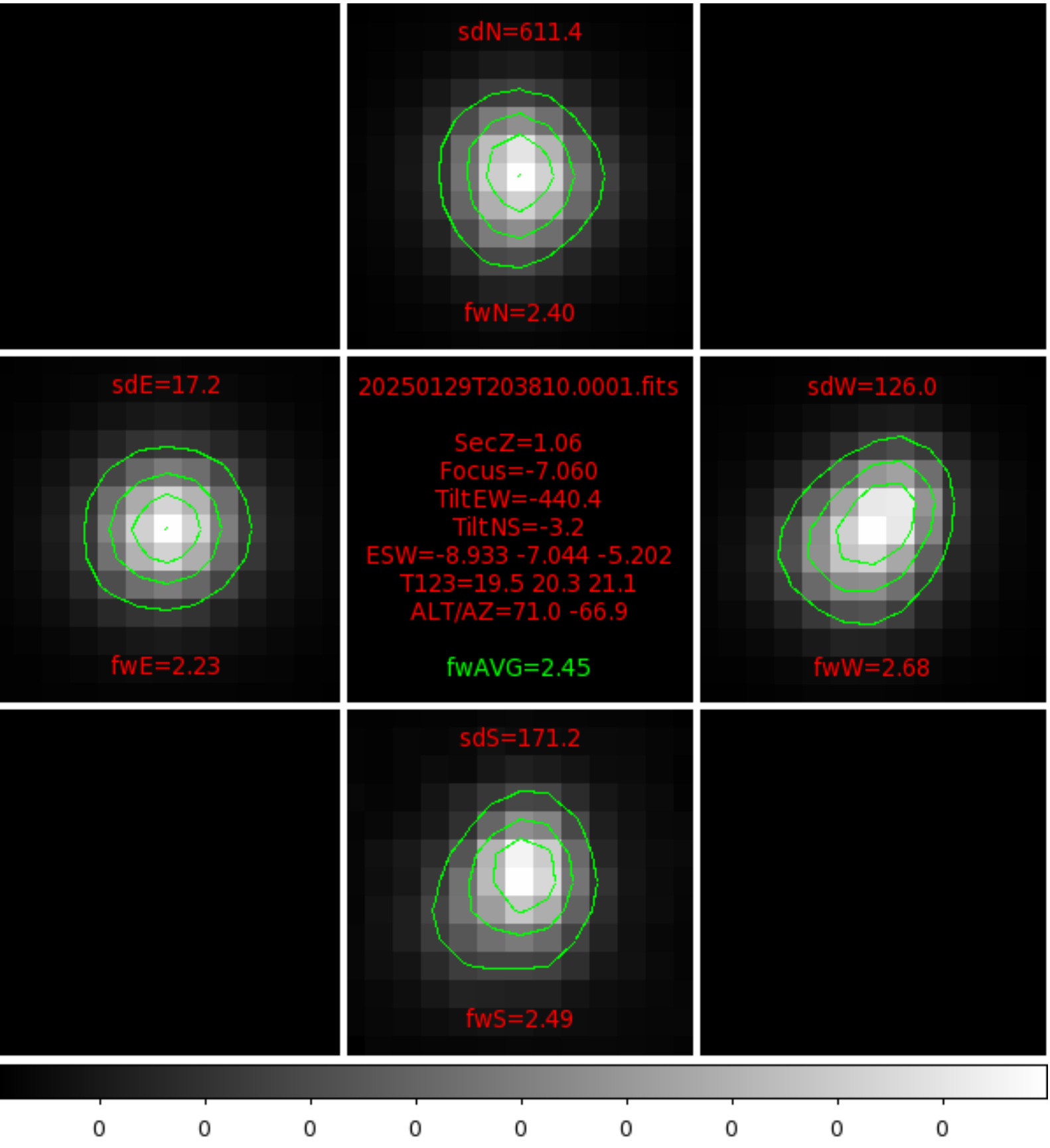
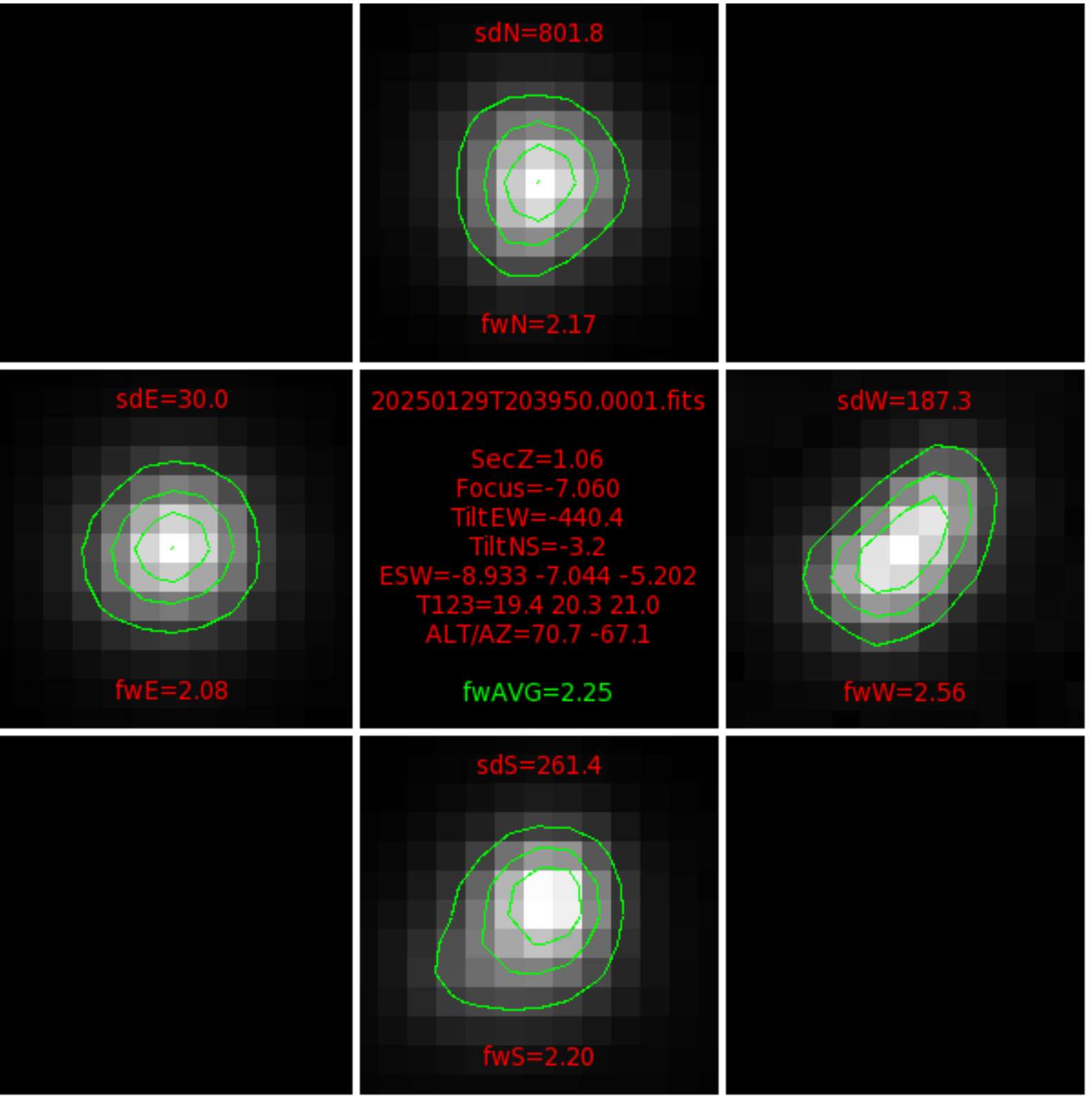
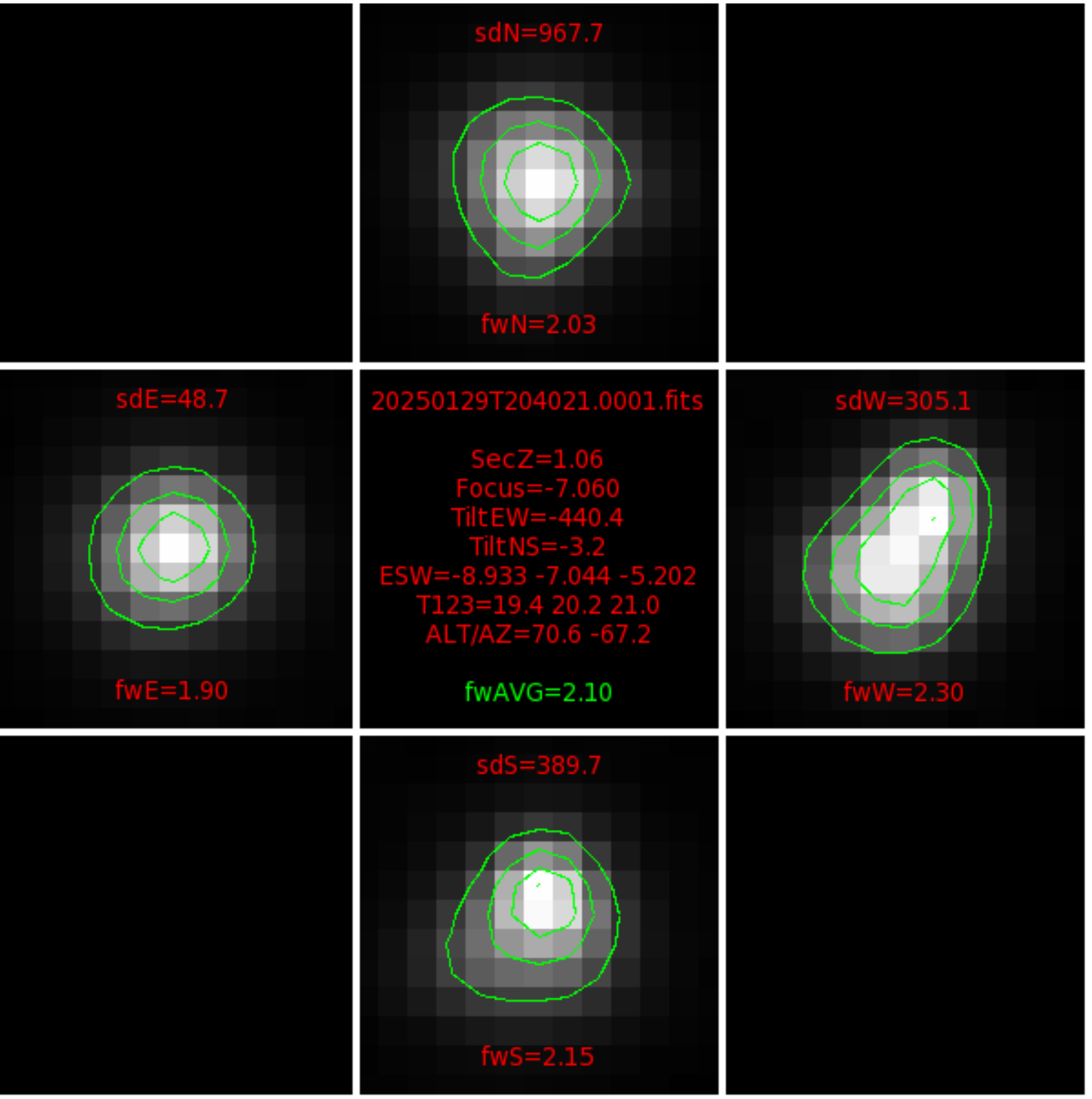
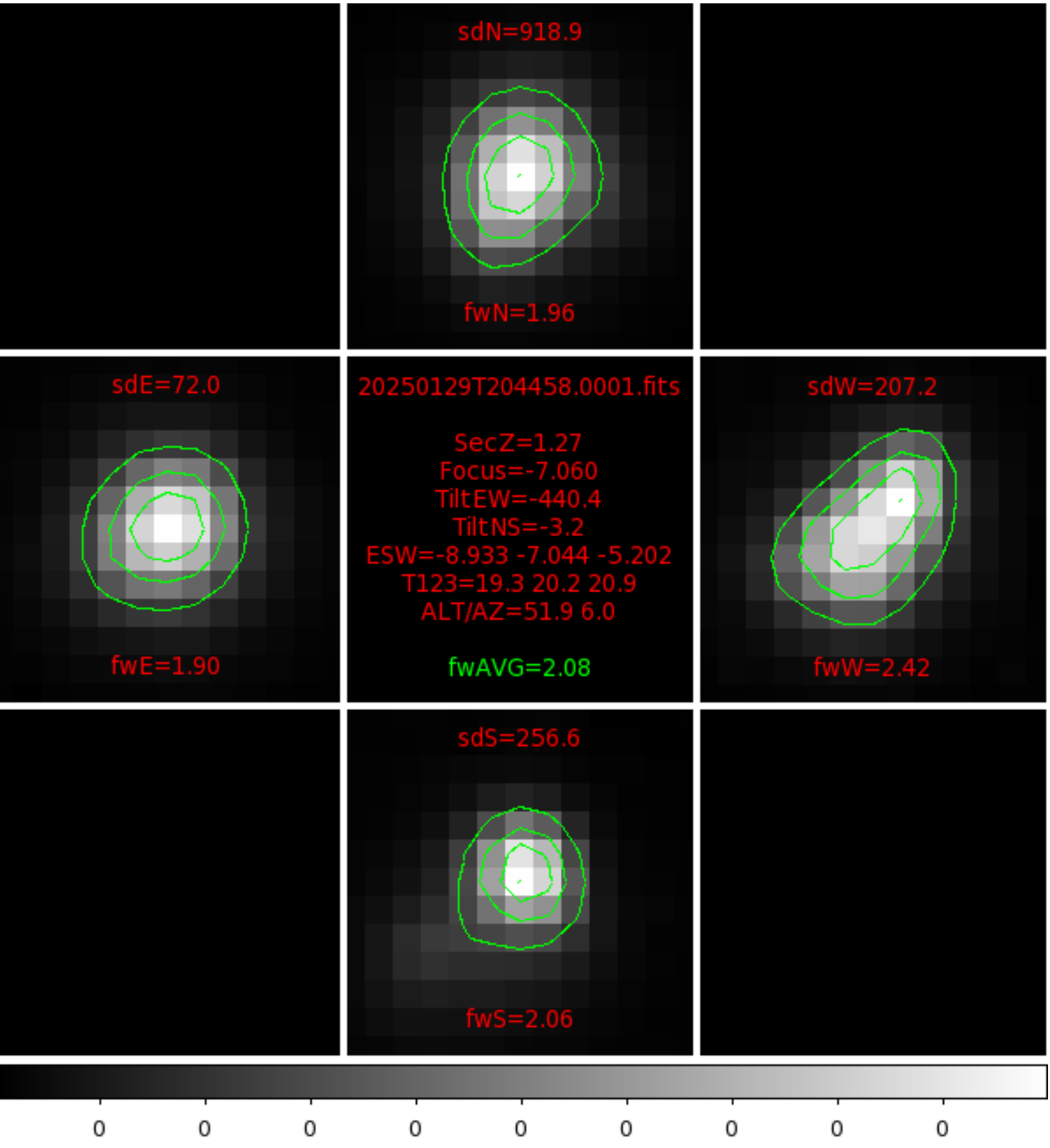
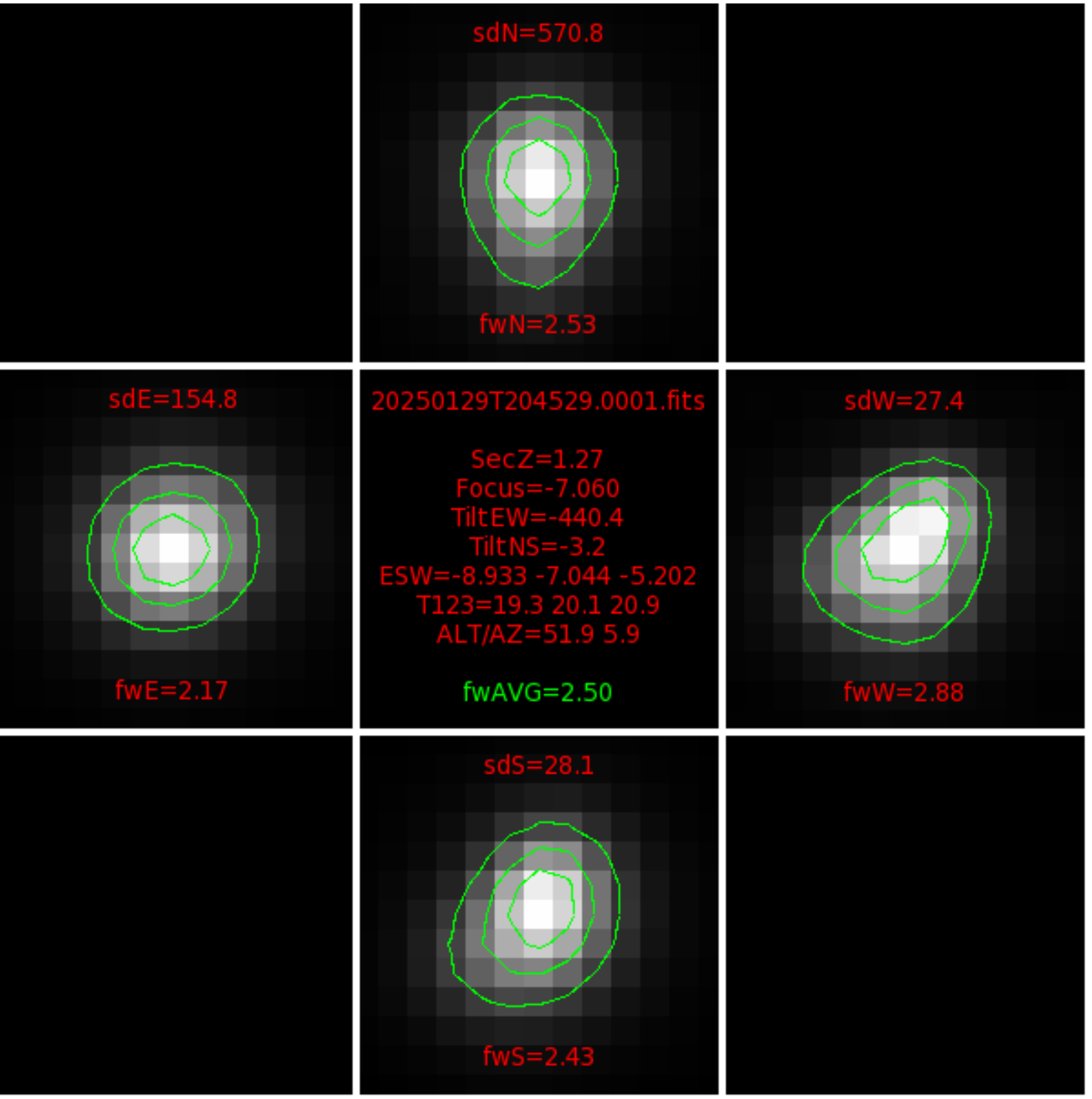

sdN=546.7
fwN=2.43
sdE=40.4
fwE=2.29
20250129T203741.0001.fits
SecZ=1.06
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.5 20.3 21.1
ALT/AZ=71.1 -66.9
fwAVG=2.43
sdW=97.8
fwW=2.72
sdS=140.5
fwS=2.27
0 0 0 0 0 0 0 0 0

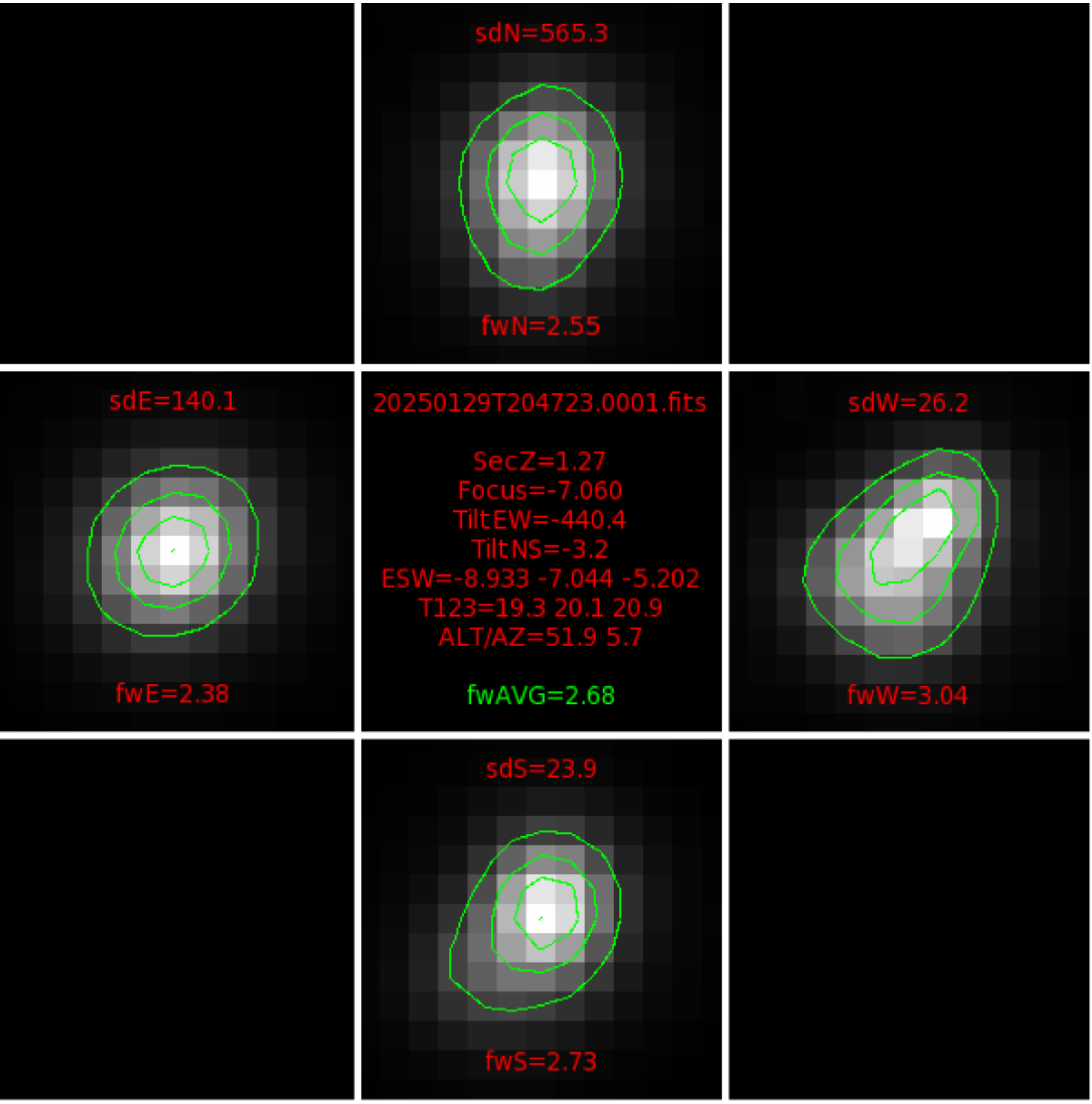

sdN=611.4
fwN=2.40
sdE=17.2
fwE=2.23
20250129T203810.0001.fits
SecZ=1.06
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.5 20.3 21.1
ALT/AZ=71.0 -66.9
fwAVG=2.45
sdW=126.0
fwW=2.68
sdS=171.2
fwS=2.49
0 0 0 0 0 0 0 0 0

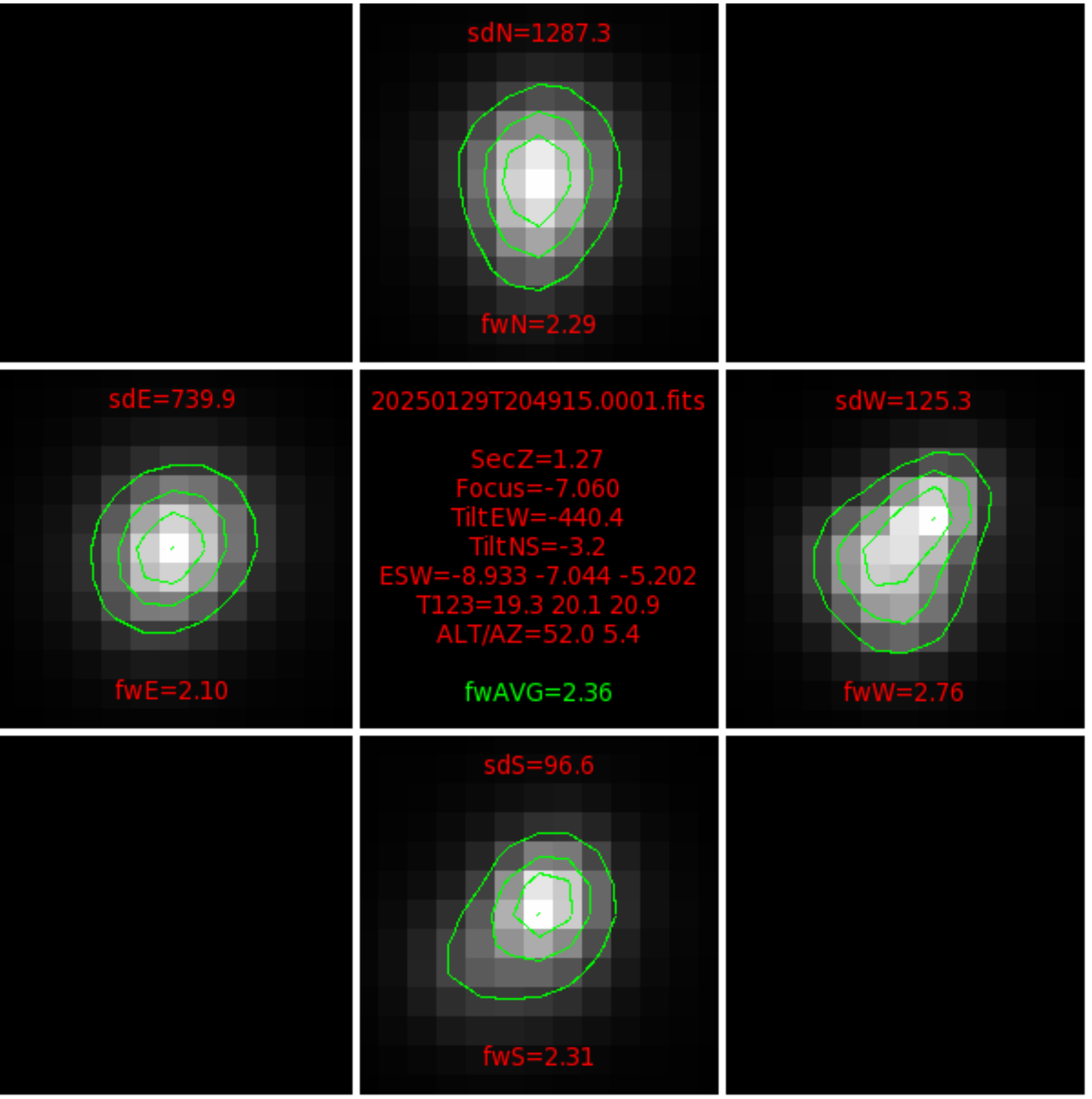

sdN=801.8
fwN=2.17
sdE=30.0
fwE=2.08
20250129T203950.0001.fits
SecZ=1.06
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.4 20.3 21.0
ALT/AZ=70.7 -67.1
fwAVG=2.25
sdW=187.3
fwW=2.56
sdS=261.4
fwS=2.20
0 0 0 0 0 0 0 0 0

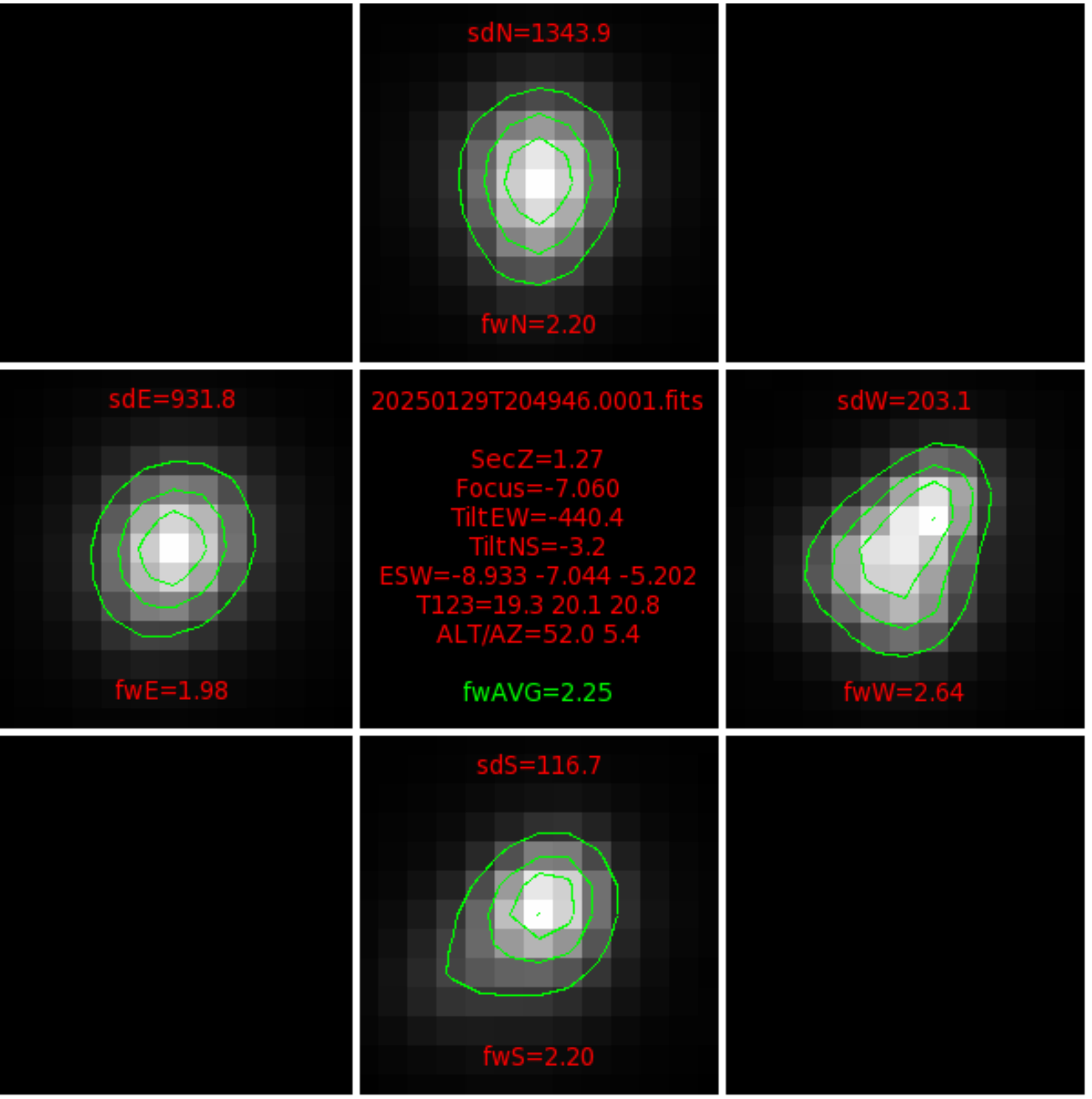

sdN=967.7
fwN=2.03
sdE=48.7
fwE=1.90
20250129T204021.0001.fits
SecZ=1.06
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.4 20.2 21.0
ALT/AZ=70.6 -67.2
fwAVG=2.10
sdW=305.1
fwW=2.30
sdS=389.7
fwS=2.15
0 0 0 0 0 0 0 0 0

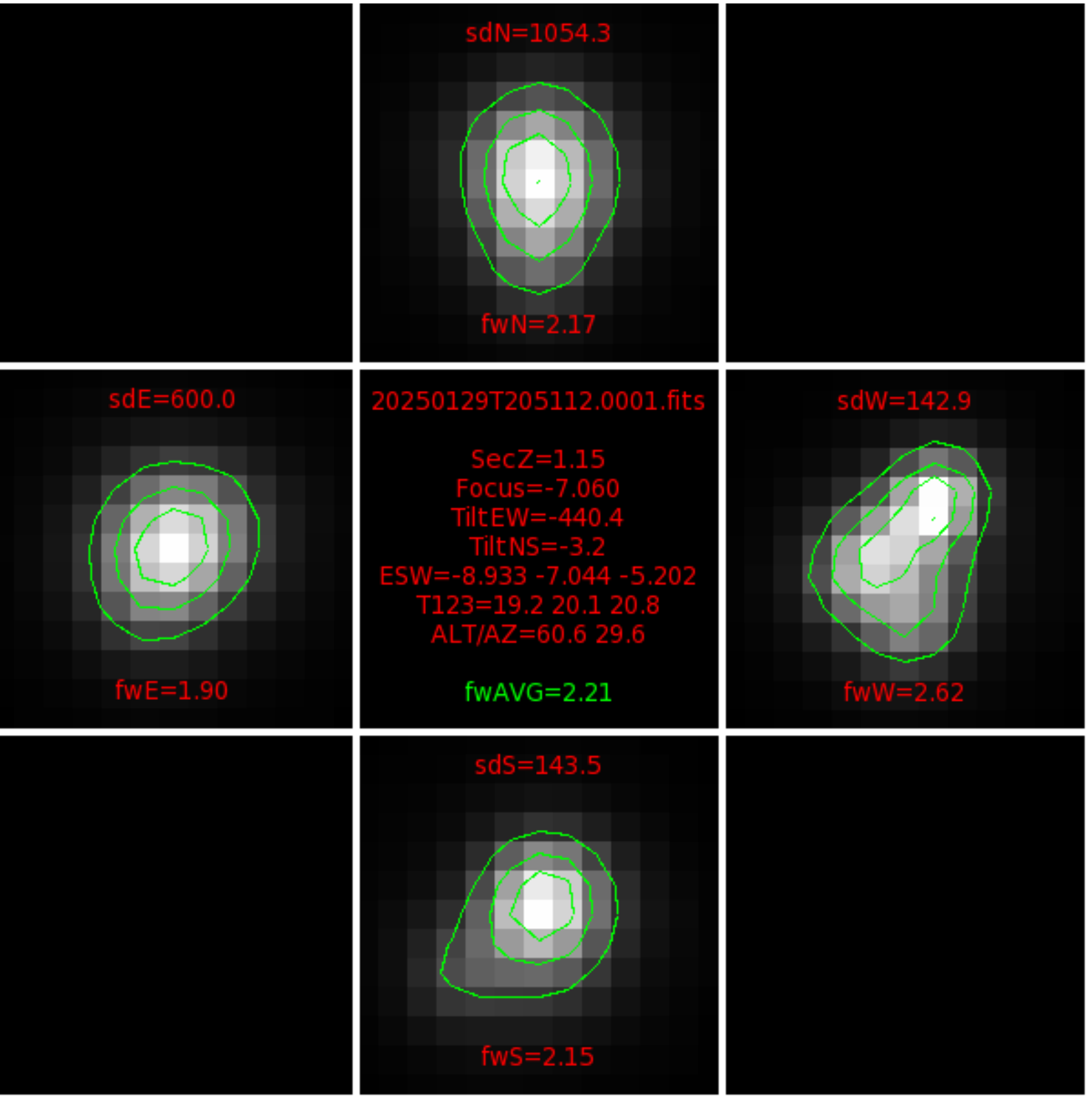

sdN=918.9
fwN=1.96
sdE=72.0
fwE=1.90
20250129T204458.0001.fits
SecZ=1.27
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.3 20.2 20.9
ALT/AZ=51.9 6.0
fwAVG=2.08
sdW=207.2
fwW=2.42
sdS=256.6
fwS=2.06
0 0 0 0 0 0 0 0 0

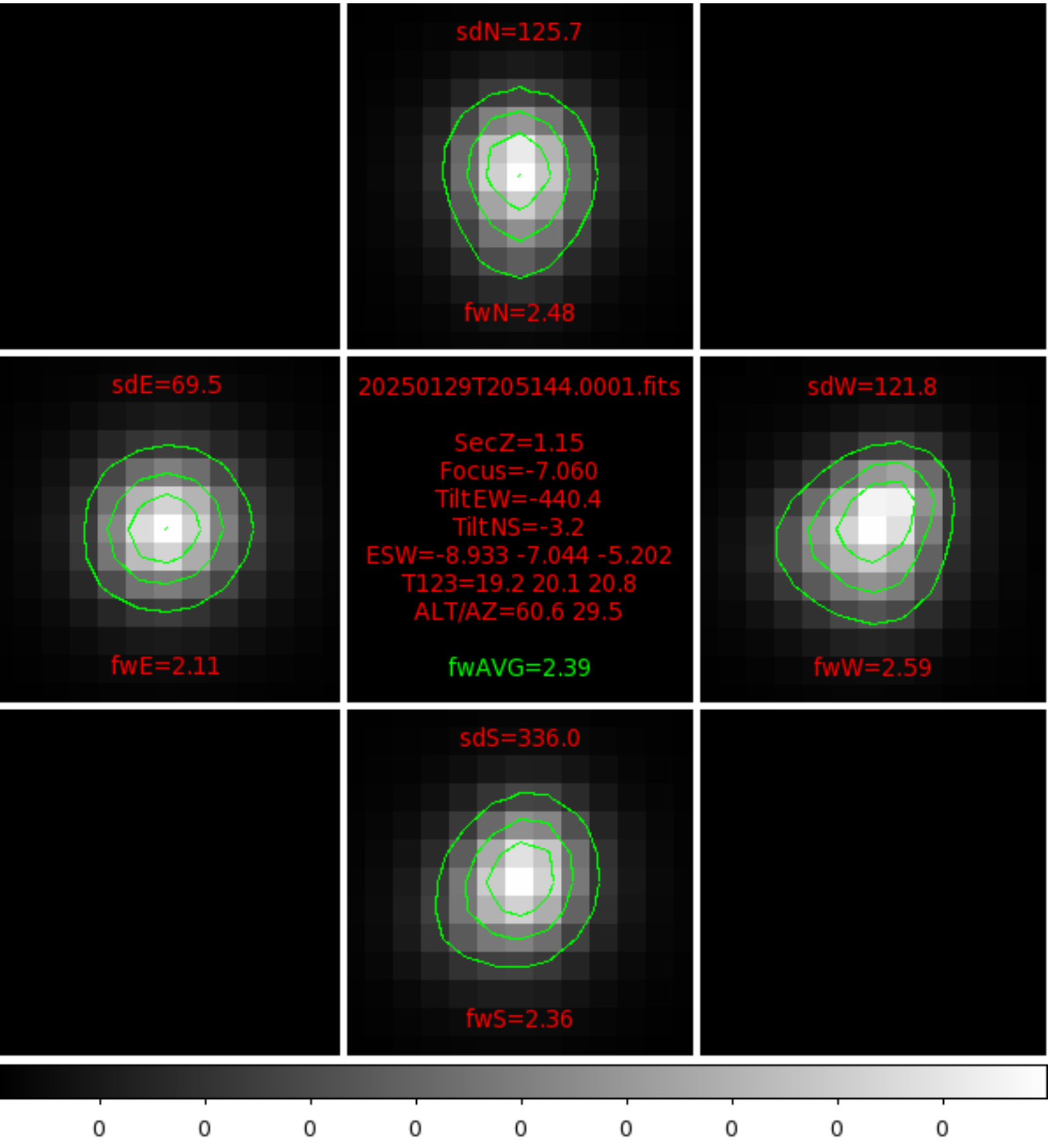

sdN=570.8
fwN=2.53
sdE=154.8
fwE=2.17
20250129T204529.0001.fits
SecZ=1.27
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.3 20.1 20.9
ALT/AZ=51.9 5.9
fwAVG=2.50
sdW=27.4
fwW=2.88
sdS=28.1
fwS=2.43
0 0 0 0 0 0 0 0 0

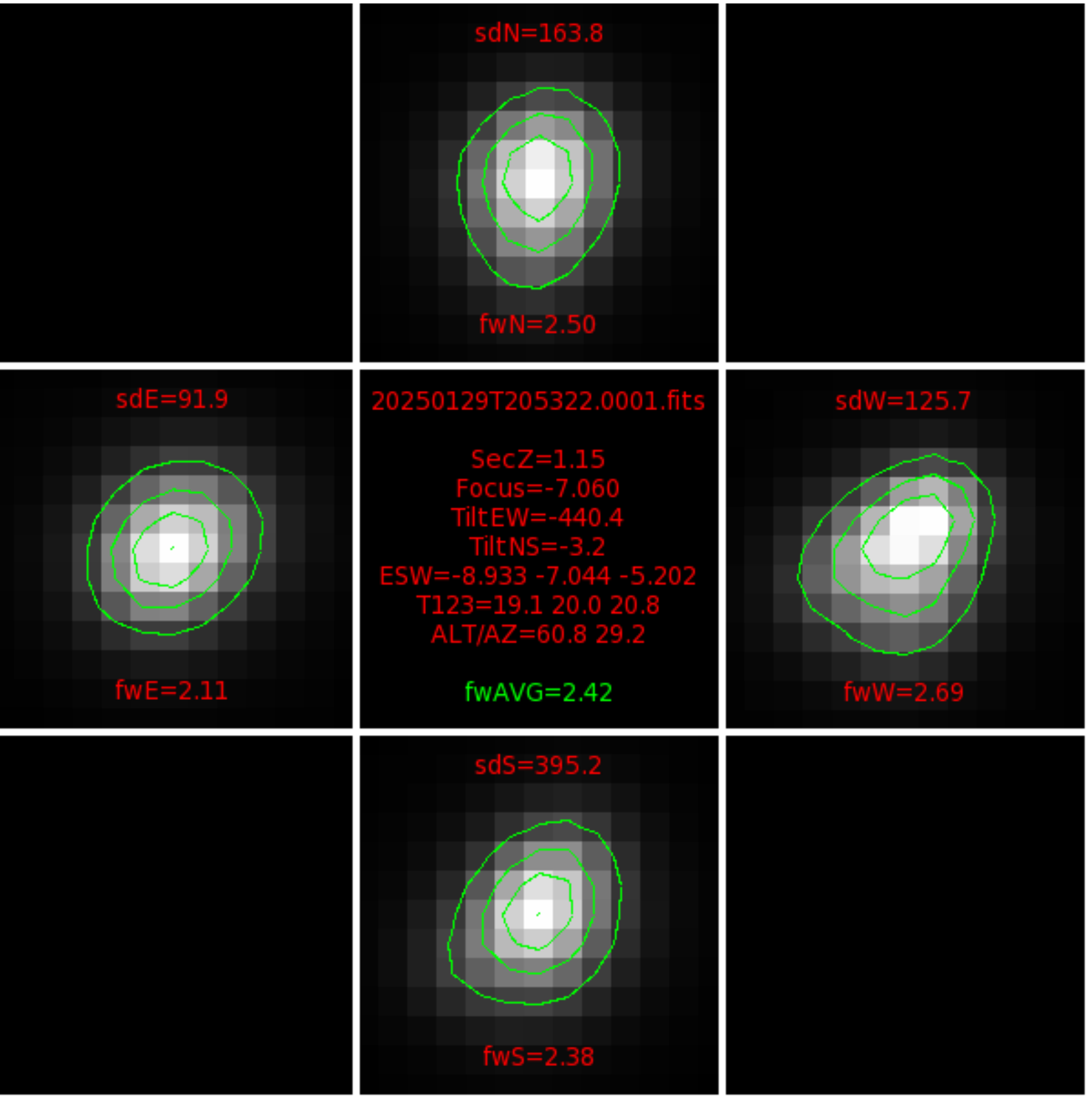

sdN=565.3
fwN=2.55
sdE=140.1
fwE=2.38
20250129T204723.0001.fits
SecZ=1.27
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.3 20.1 20.9
ALT/AZ=51.9 5.7
fwAVG=2.68
sdW=26.2
fwW=3.04
sdS=23.9
fwS=2.73
0 0 0 0 0 0 0 0 0

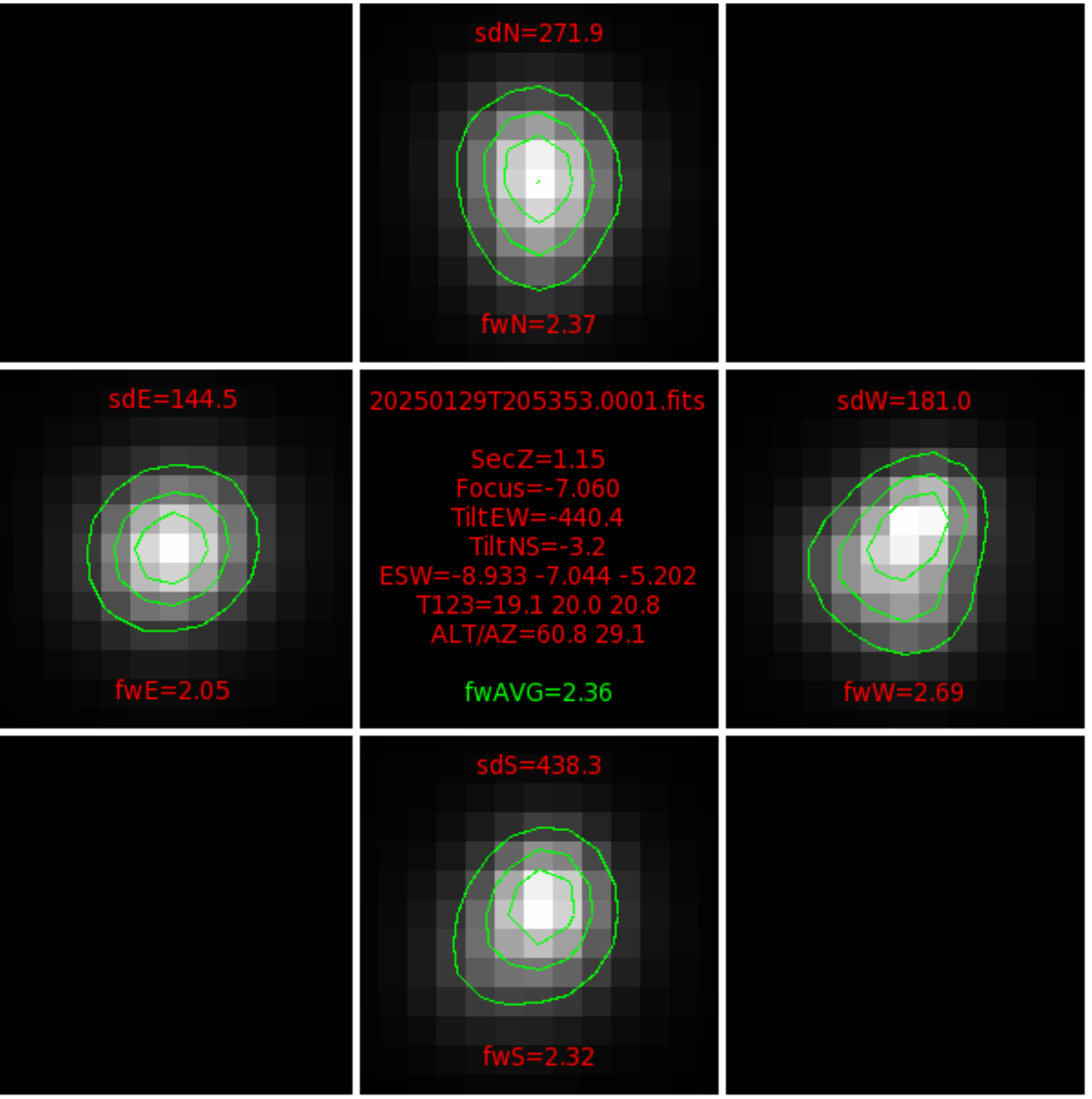

sdN=1287.3
fwN=2.29
sdE=739.9
fwE=2.10
20250129T204915.0001.fits
SecZ=1.27
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.3 20.1 20.9
ALT/AZ=52.0 5.4
fwAVG=2.36
sdW=125.3
fwW=2.76
sdS=96.6
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=1343.9
fwN=2.20
sdE=931.8
fwE=1.98
20250129T204946.0001.fits
SecZ=1.27
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.3 20.1 20.8
ALT/AZ=52.0 5.4
fwAVG=2.25
sdW=203.1
fwW=2.64
sdS=116.7
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=1054.3
fwN=2.17
sdE=600.0
fwE=1.90
20250129T205112.0001.fits
SecZ=1.15
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.2 20.1 20.8
ALT/AZ=60.6 29.6
fwAVG=2.21
sdW=142.9
fwW=2.62
sdS=143.5
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=125.7
fwN=2.48
sdE=69.5
fwE=2.11
20250129T205144.0001.fits
SecZ=1.15
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.2 20.1 20.8
ALT/AZ=60.6 29.5
fwAVG=2.39
sdW=121.8
fwW=2.59
sdS=336.0
fwS=2.36
0 0 0 0 0 0 0 0 0


sdN=163.8
fwN=2.50
sdE=91.9
fwE=2.11
20250129T205322.0001.fits
SecZ=1.15
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.1 20.0 20.8
ALT/AZ=60.8 29.2
fwAVG=2.42
sdW=125.7
fwW=2.69
sdS=395.2
fwS=2.38
0 0 0 0 0 0 0 0 0


sdN=271.9
fwN=2.37
sdE=144.5
fwE=2.05
20250129T205353.0001.fits
SecZ=1.15
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.1 20.0 20.8
ALT/AZ=60.8 29.1
fwAVG=2.36
sdW=181.0
fwW=2.69
sdS=438.3
fwS=2.32
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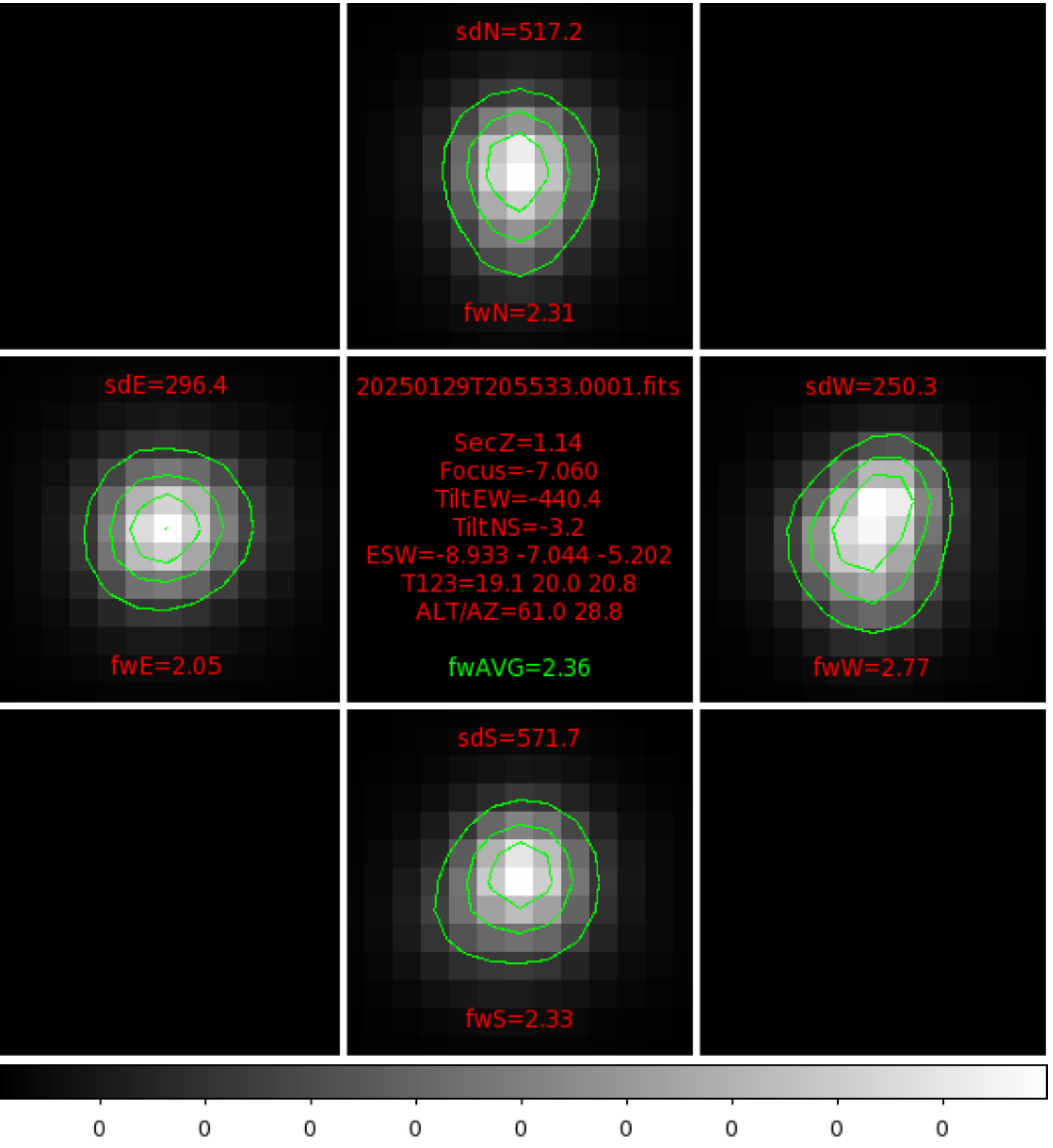
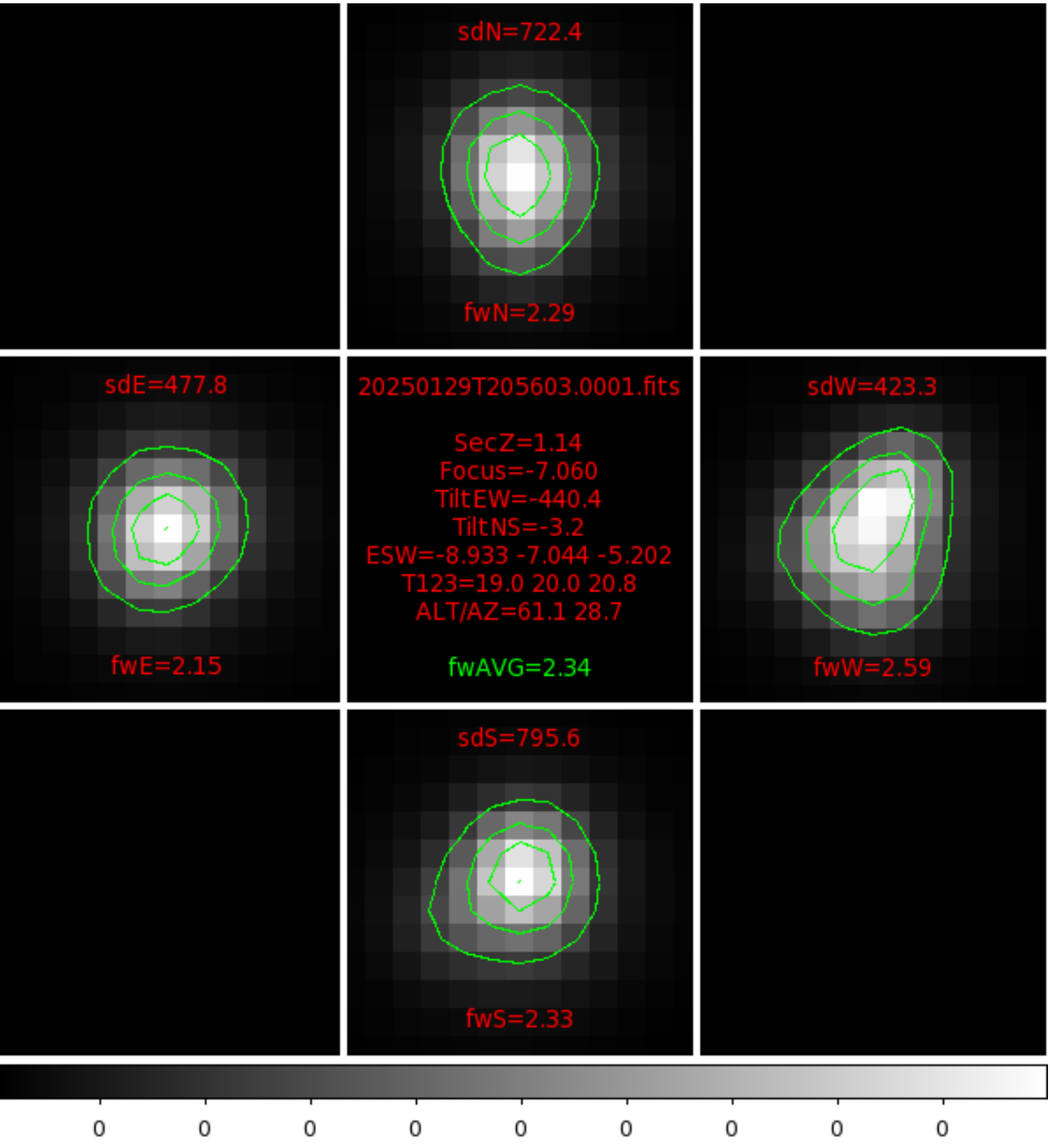
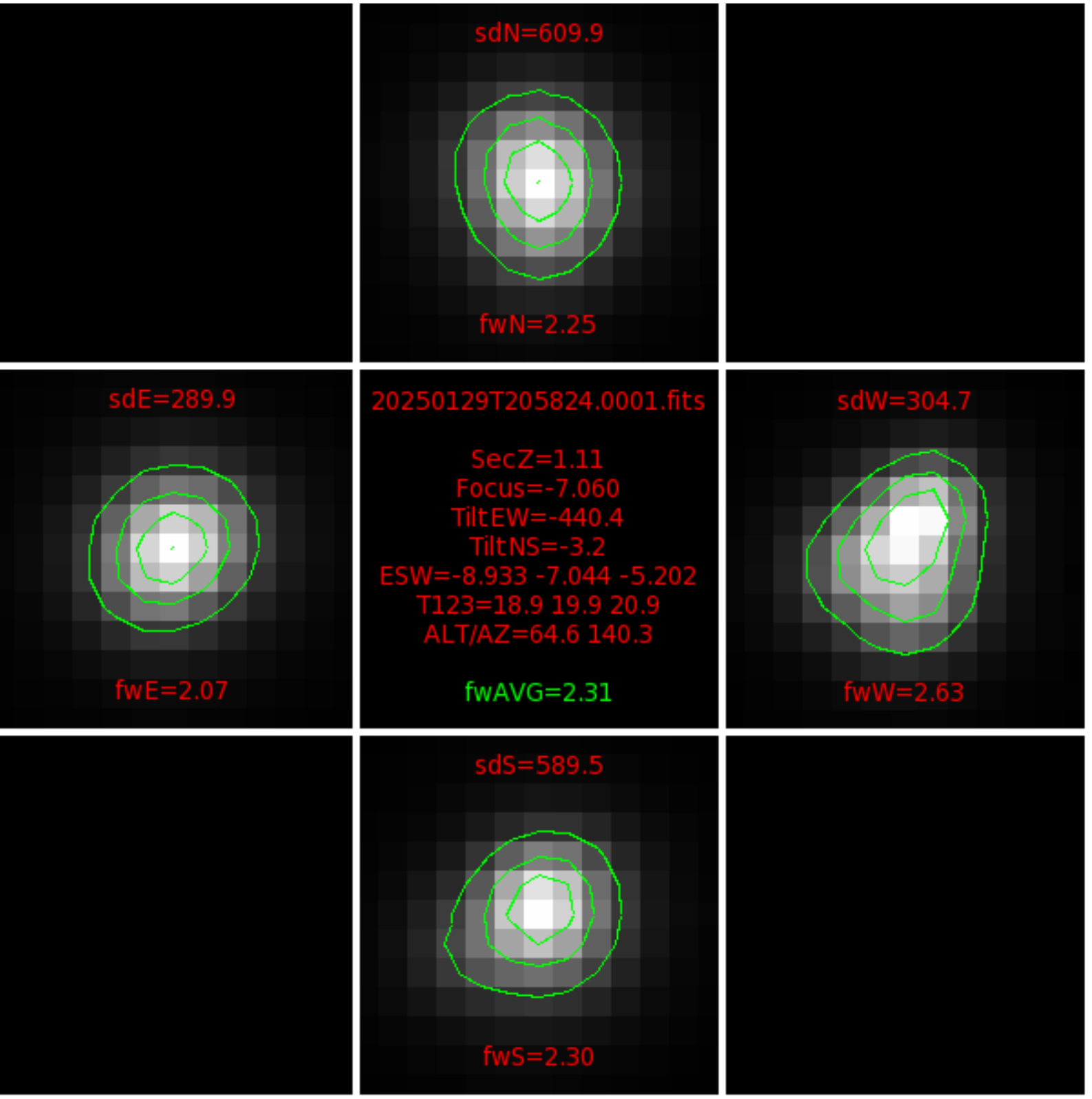
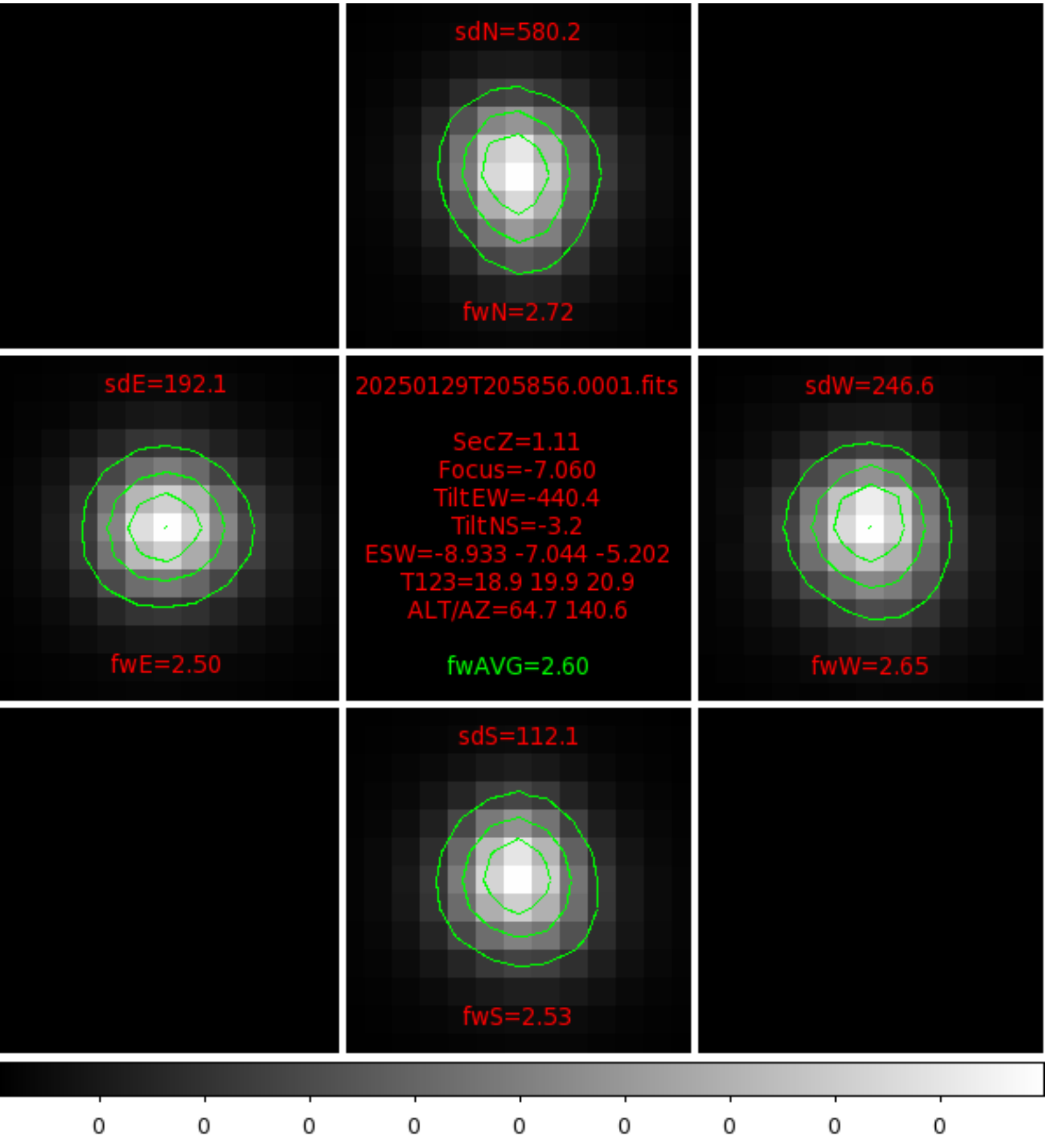

sdN=517.2
fwN=2.31
sdE=296.4
fwE=2.05
20250129T205533.0001.fits
SecZ=1.14
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.1 20.0 20.8
ALT/AZ=61.0 28.8
fwAVG=2.36
sdW=250.3
fwW=2.77
sdS=571.7
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=722.4
fwN=2.29
sdE=477.8
fwE=2.15
20250129T205603.0001.fits
SecZ=1.14
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=19.0 20.0 20.8
ALT/AZ=61.1 28.7
fwAVG=2.34
sdW=423.3
fwW=2.59
sdS=795.6
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=609.9
fwN=2.25
sdE=289.9
fwE=2.07
20250129T205824.0001.fits
SecZ=1.11
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.9 19.9 20.9
ALT/AZ=64.6 140.3
fwAVG=2.31
sdW=304.7
fwW=2.63
sdS=589.5
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=580.2
fwN=2.72
sdE=192.1
fwE=2.50
20250129T205856.0001.fits
SecZ=1.11
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.9 19.9 20.9
ALT/AZ=64.7 140.6
fwAVG=2.60
sdW=246.6
fwW=2.65
sdS=112.1
fwS=2.53
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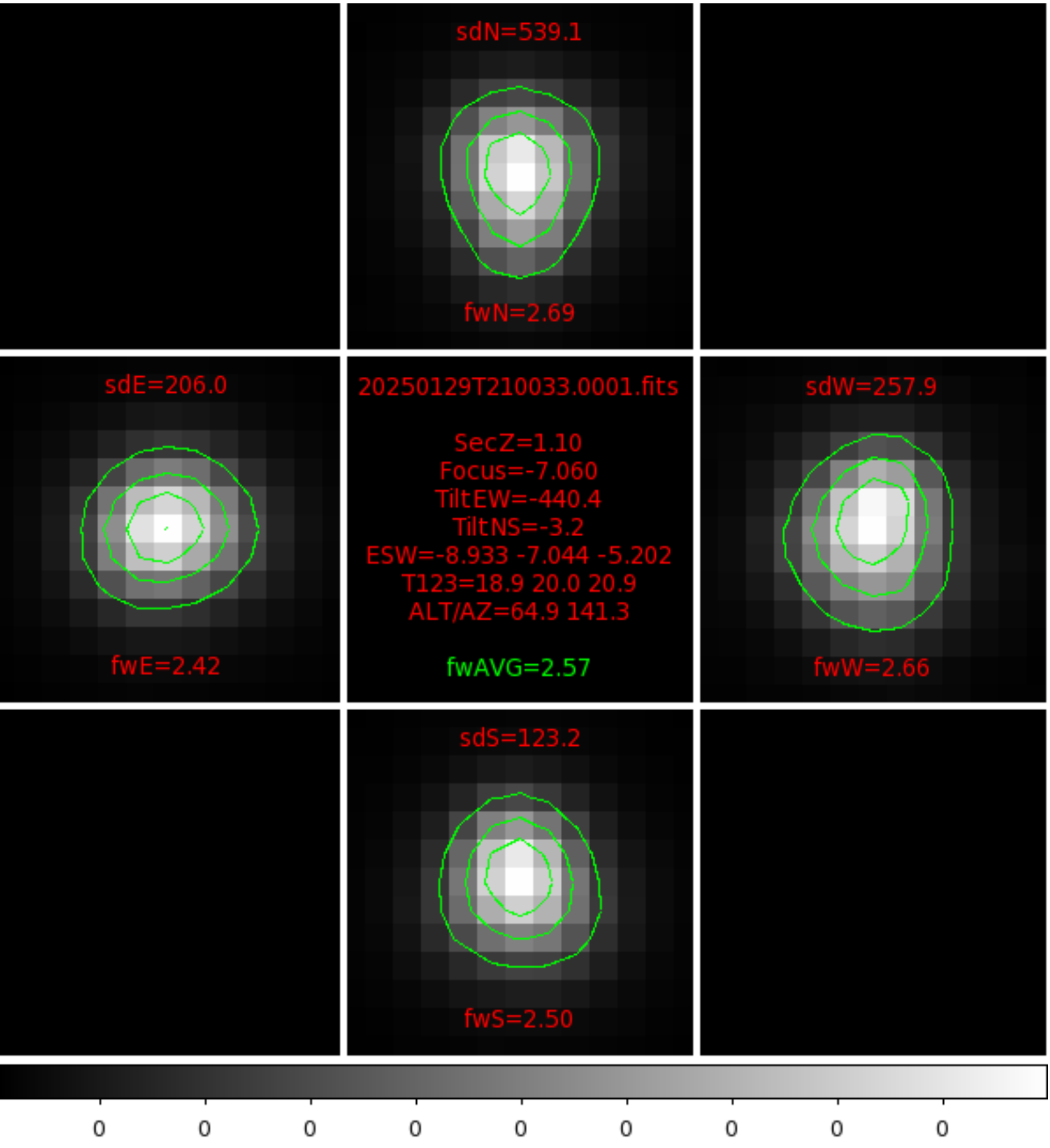
sdN=539.1
fwN=2.69
sdE=206.0
fwE=2.42
20250129T210033.0001.fits
SecZ=1.10
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.9 20.0 20.9
ALT/AZ=64.9 141.3
fwAVG=2.57
sdW=257.9
fwW=2.66
sdS=123.2
fwS=2.50
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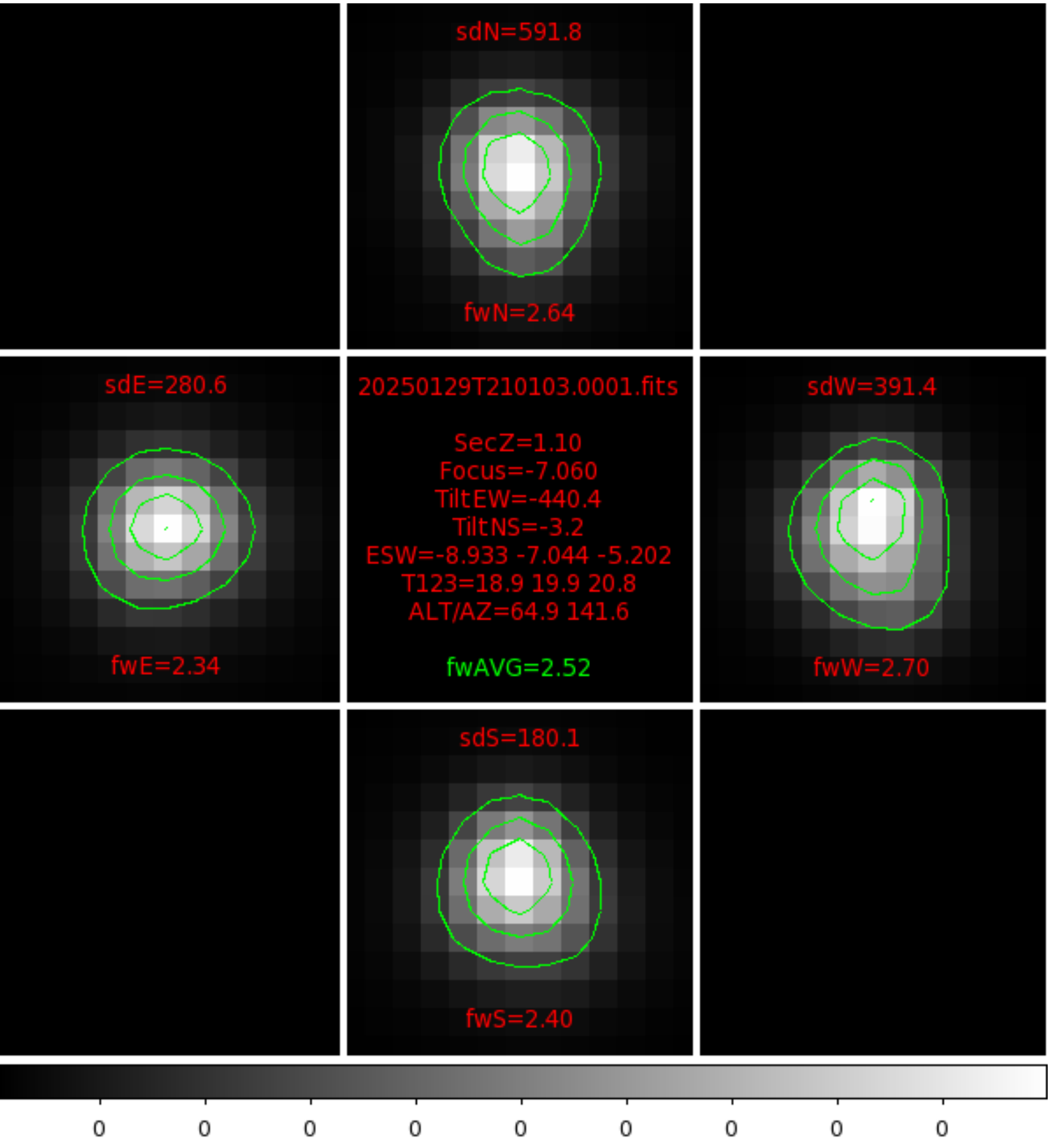
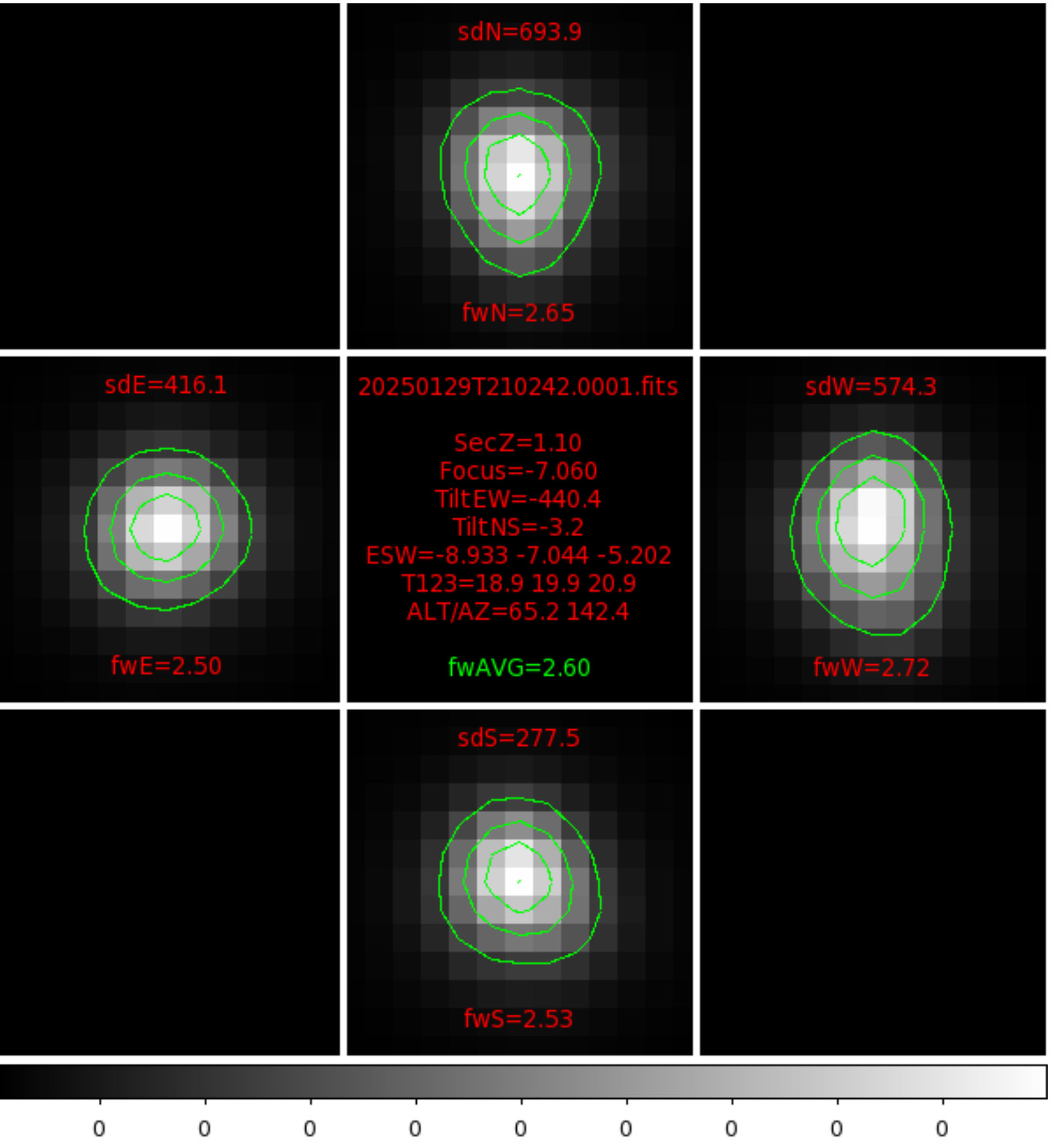

sdN=591.8
fwN=2.64
sdE=280.6
fwE=2.34
20250129T210103.0001.fits
SecZ=1.10
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.9 19.9 20.8
ALT/AZ=64.9 141.6
fwAVG=2.52
sdW=391.4
fwW=2.70
sdS=180.1
fwS=2.40
0 0 0 0 0 0 0 0 0


sdN=693.9
fwN=2.65
sdE=416.1
fwE=2.50
20250129T210242.0001.fits
SecZ=1.10
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.9 19.9 20.9
ALT/AZ=65.2 142.4
fwAVG=2.60
sdW=574.3
fwW=2.72
sdS=277.5
fwS=2.53
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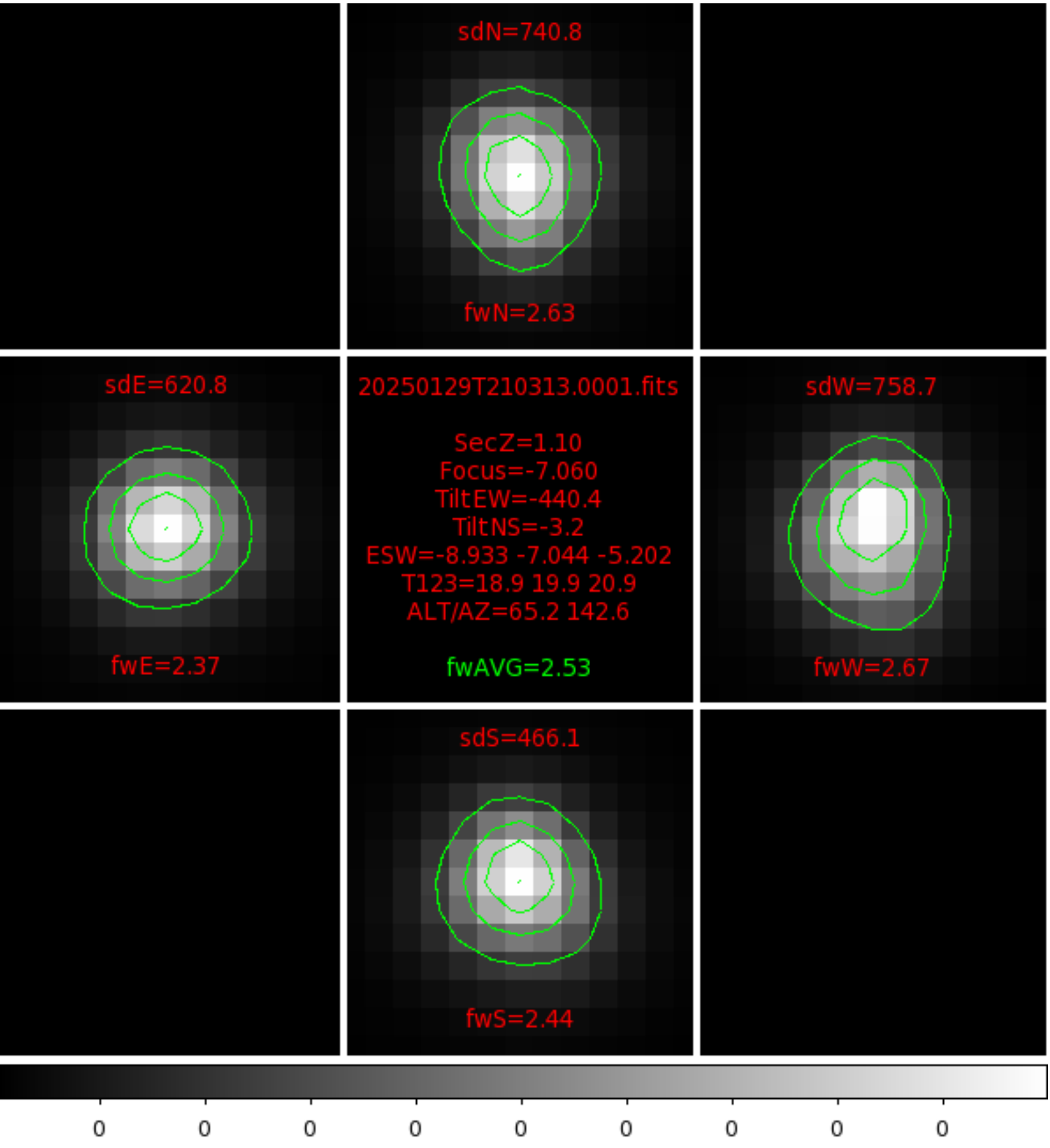
sdN=740.8
fwN=2.63
sdE=620.8
fwE=2.37
20250129T210313.0001.fits
SecZ=1.10
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.9 19.9 20.9
ALT/AZ=65.2 142.6
fwAVG=2.53
sdW=758.7
fwW=2.67
sdS=466.1
fwS=2.44
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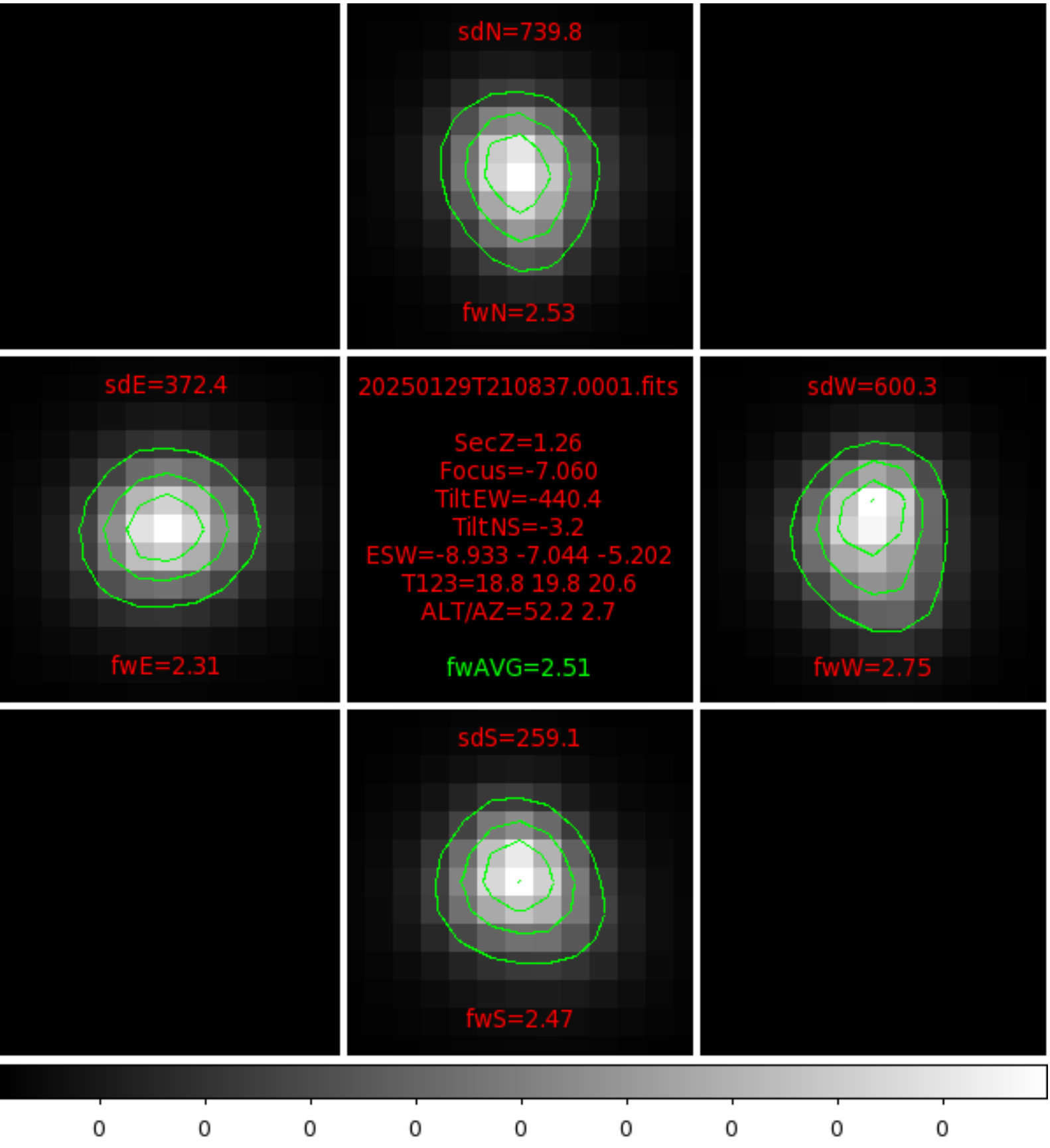
sdN=739.8
fwN=2.53
sdE=372.4
fwE=2.31
20250129T210837.0001.fits
SecZ=1.26
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.8 19.8 20.6
ALT/AZ=52.2 2.7
fwAVG=2.51
sdW=600.3
fwW=2.75
sdS=259.1
fwS=2.47
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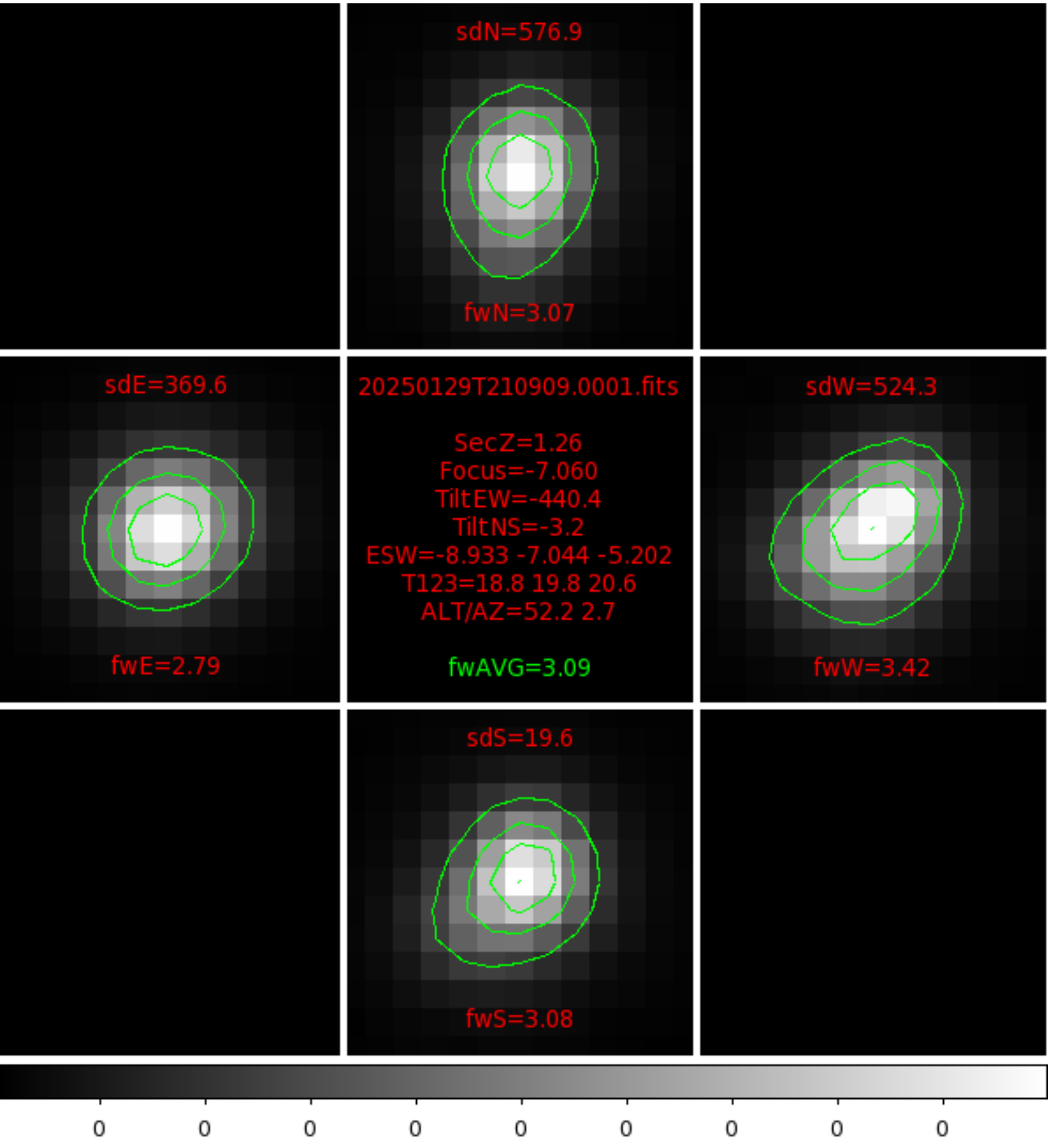
sdN=576.9
fwN=3.07
sdE=369.6
fwE=2.79
20250129T210909.0001.fits
SecZ=1.26
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.8 19.8 20.6
ALT/AZ=52.2 2.7
fwAVG=3.09
sdW=524.3
fwW=3.42
sdS=19.6
fwS=3.08
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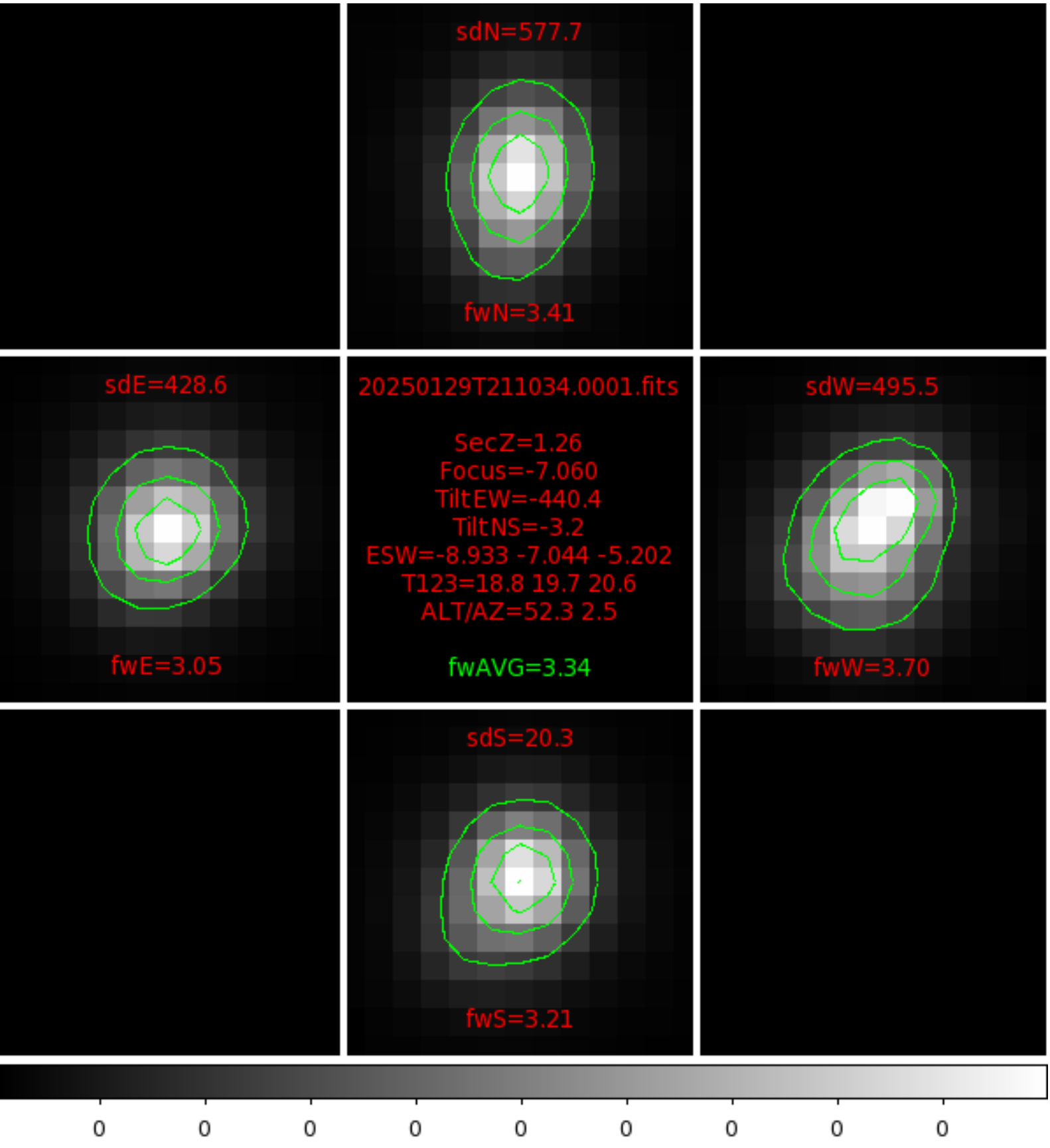
sdN=577.7
fwN=3.41
sdE=428.6
fwE=3.05
20250129T211034.0001.fits
SecZ=1.26
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.8 19.7 20.6
ALT/AZ=52.3 2.5
fwAVG=3.34
sdW=495.5
fwW=3.70
sdS=20.3
fwS=3.21
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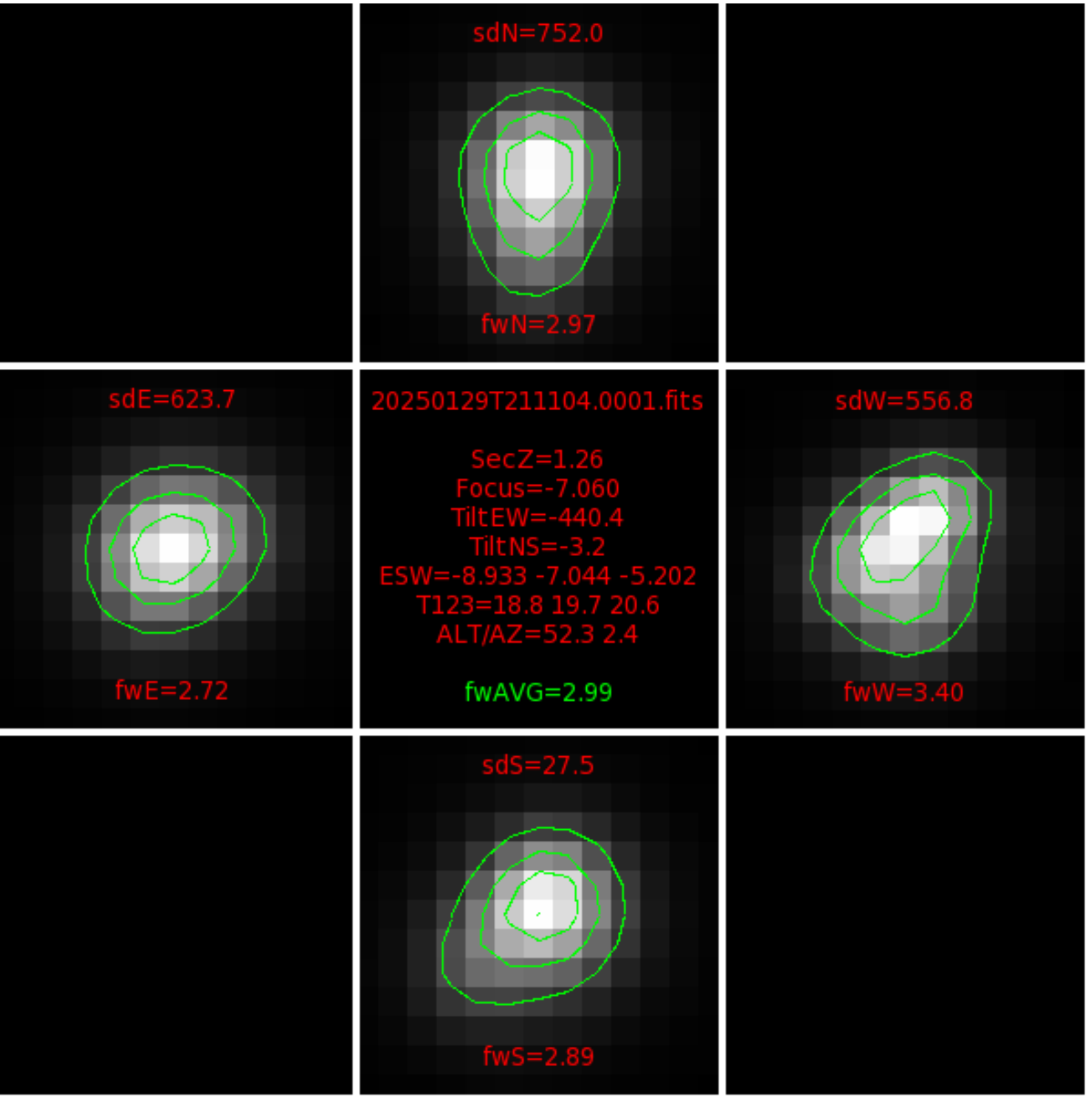
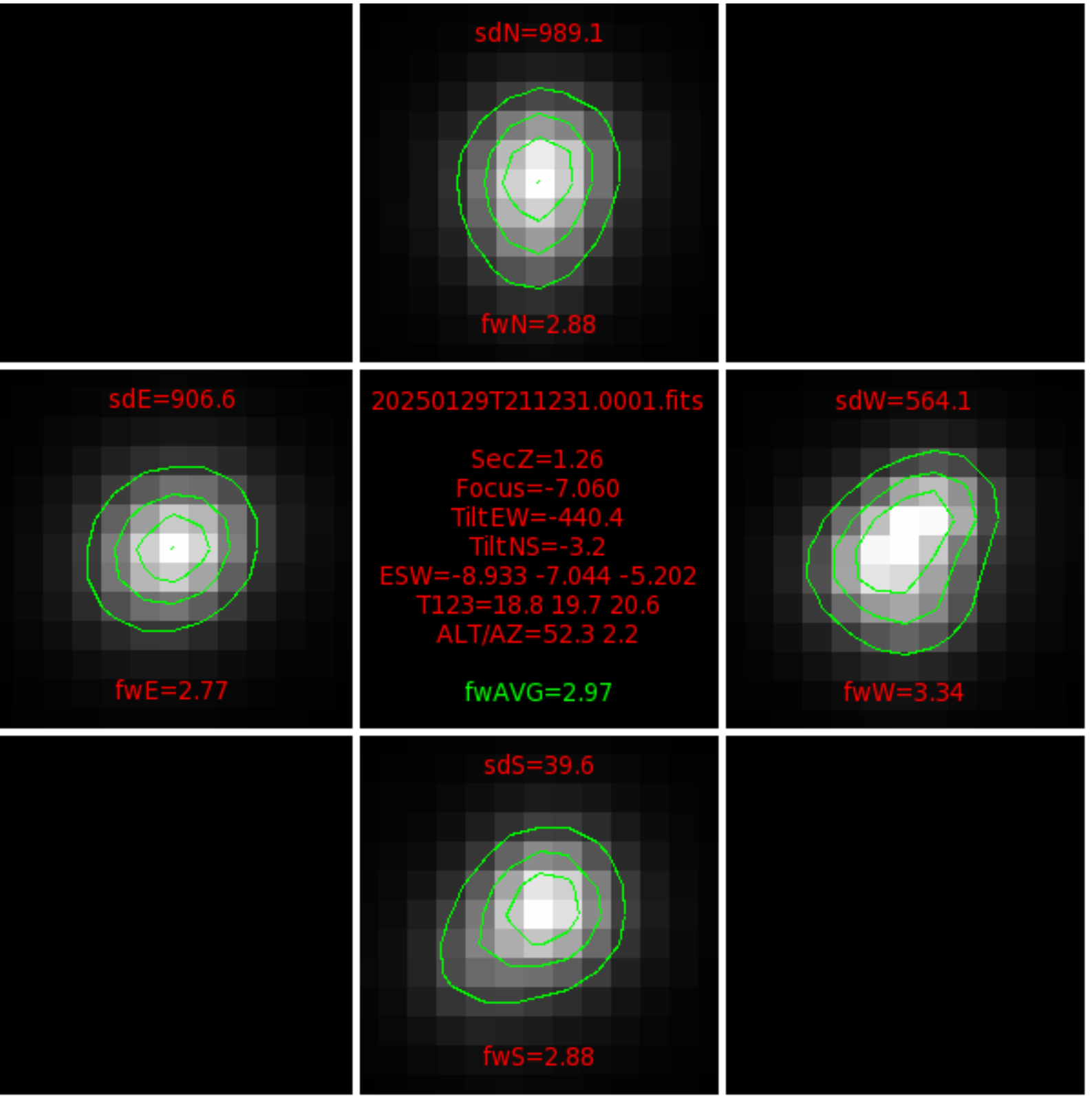

sdN=752.0
fwN=2.97
sdE=623.7
fwE=2.72
20250129T211104.0001.fits
SecZ=1.26
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.8 19.7 20.6
ALT/AZ=52.3 2.4
fwAVG=2.99
sdW=556.8
fwW=3.40
sdS=27.5
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=989.1
fwN=2.88
sdE=906.6
fwE=2.77
20250129T211231.0001.fits
SecZ=1.26
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.8 19.7 20.6
ALT/AZ=52.3 2.2
fwAVG=2.97
sdW=564.1
fwW=3.34
sdS=39.6
fwS=2.88
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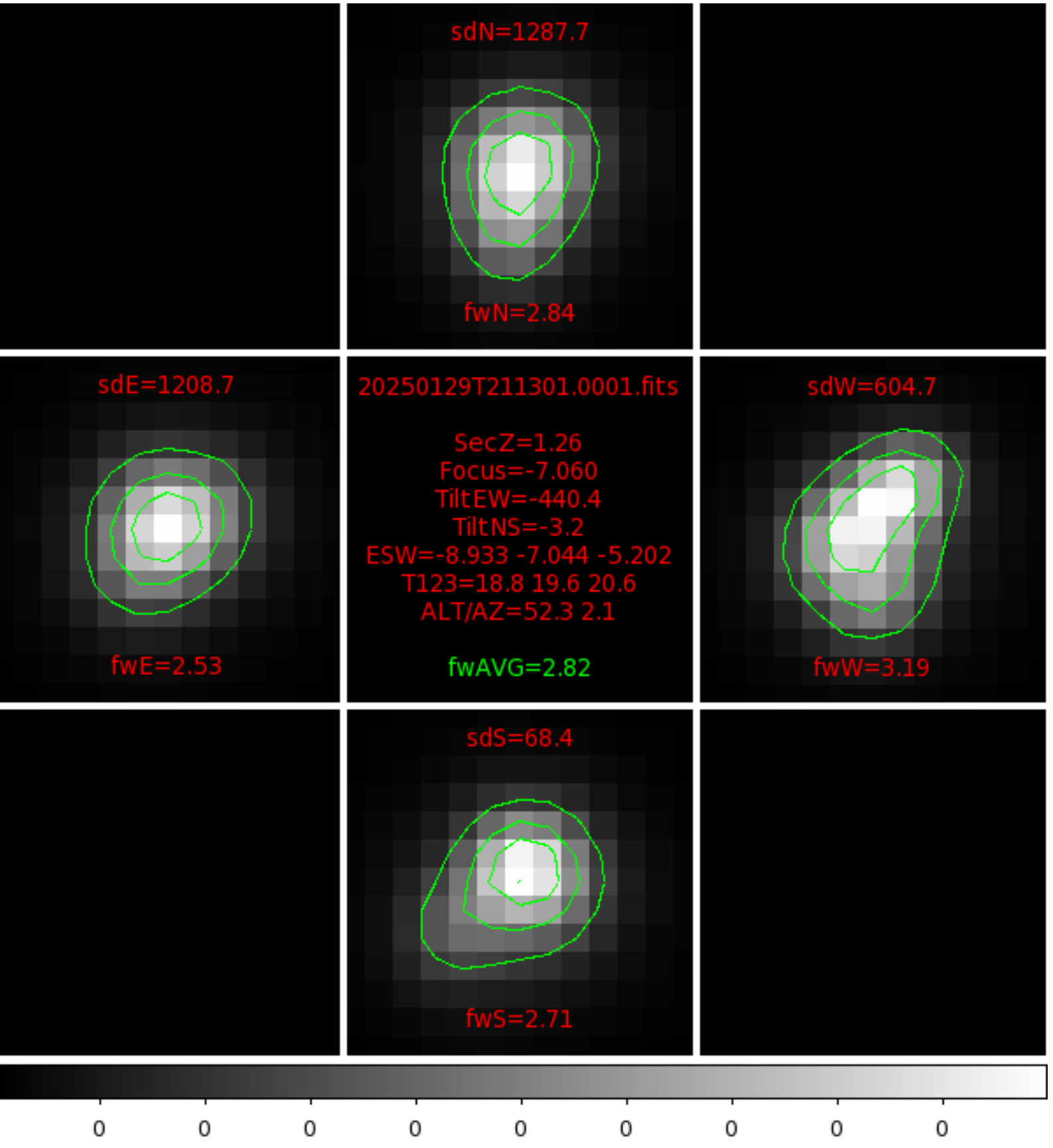
sdN=1287.7
fwN=2.84
sdE=1208.7
fwE=2.53
20250129T211301.0001.fits
SecZ=1.26
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.8 19.6 20.6
ALT/AZ=52.3 2.1
fwAVG=2.82
sdW=604.7
fwW=3.19
sdS=68.4
fwS=2.71
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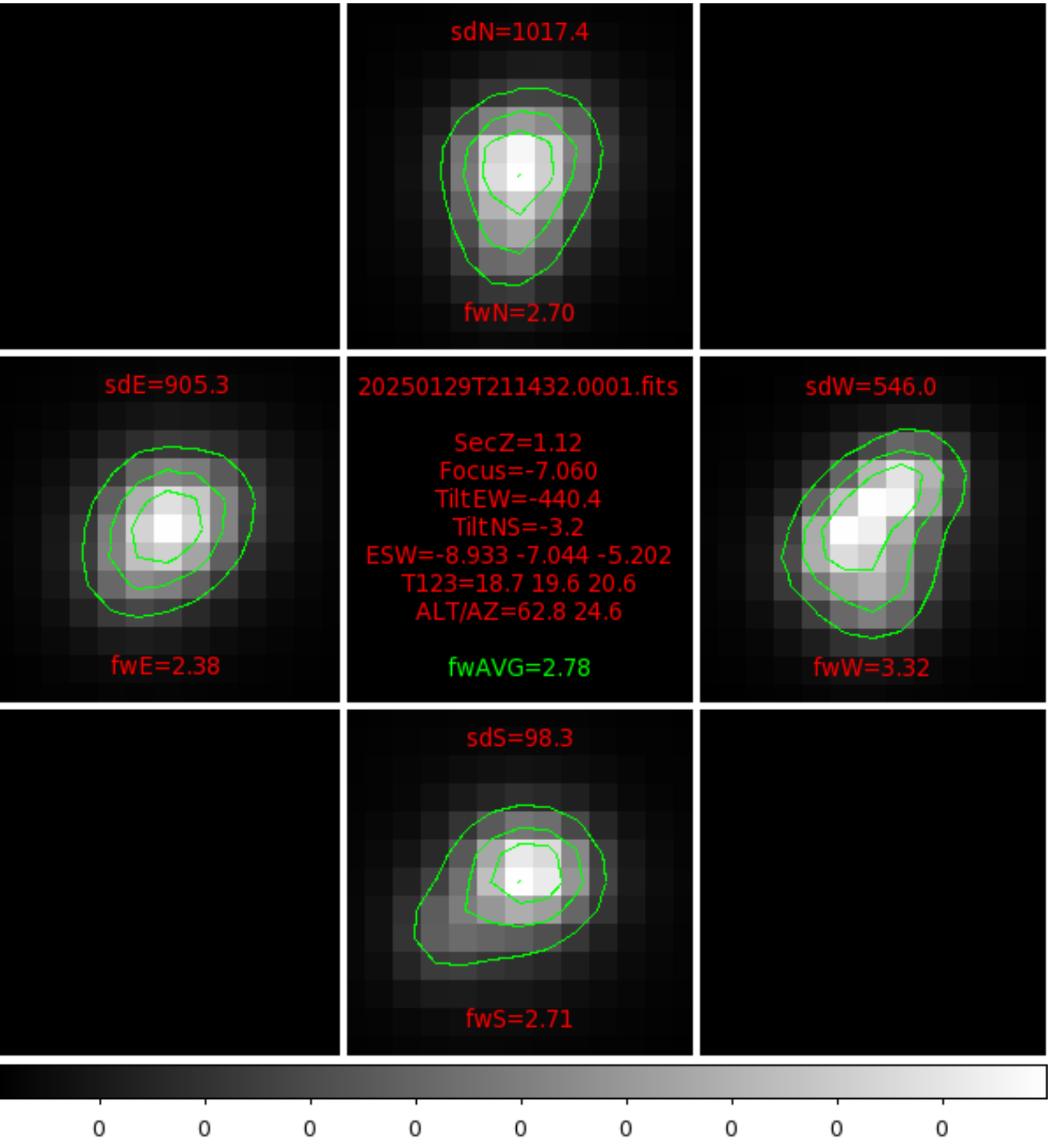
sdN=1017.4
fwN=2.70
sdE=905.3
fwE=2.38
20250129T211432.0001.fits
SecZ=1.12
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.7 19.6 20.6
ALT/AZ=62.8 24.6
fwAVG=2.78
sdW=546.0
fwW=3.32
sdS=98.3
fwS=2.71
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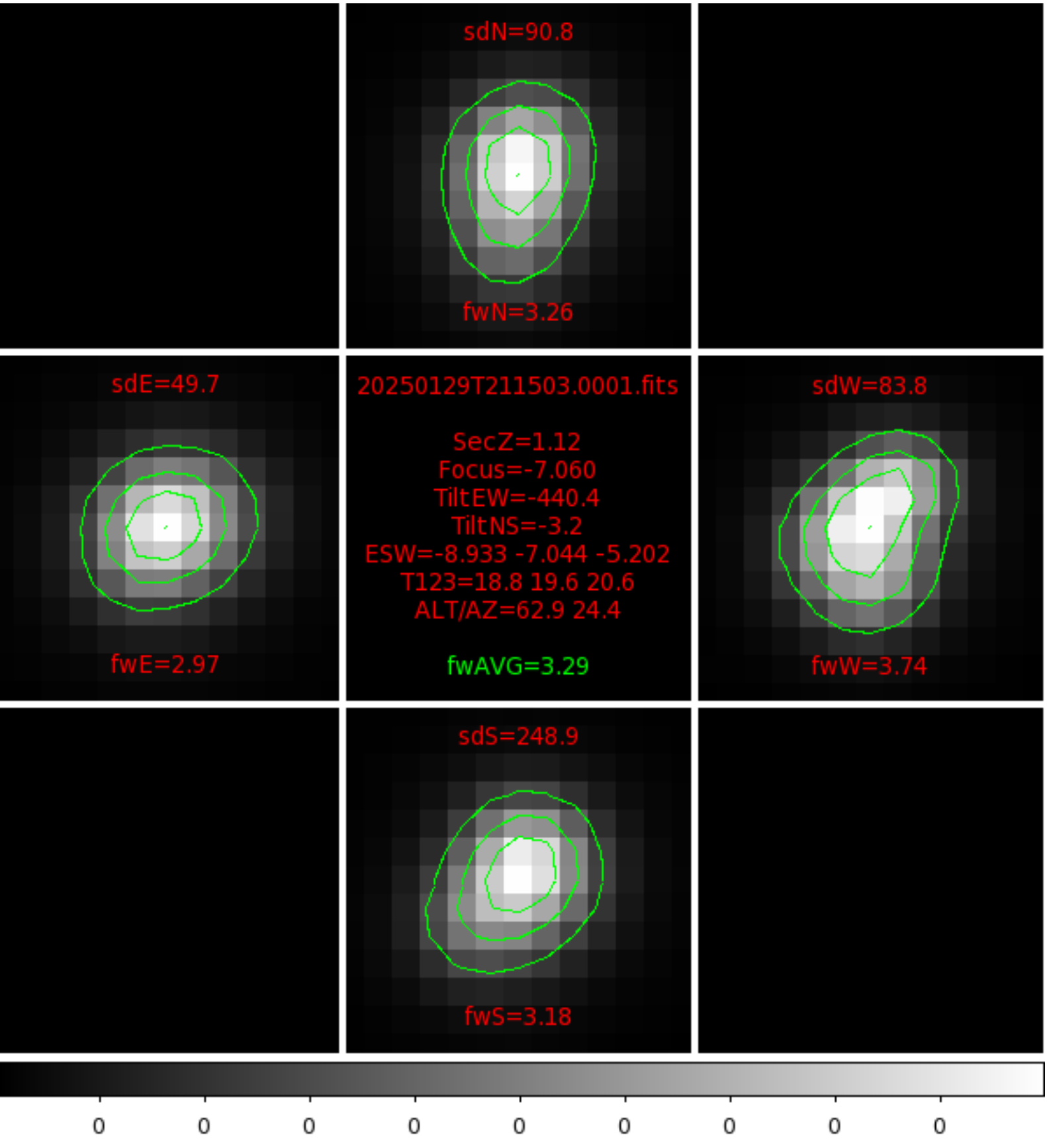
sdN=90.8
fwN=3.26
sdE=49.7
fwE=2.97
20250129T211503.0001.fits
SecZ=1.12
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.8 19.6 20.6
ALT/AZ=62.9 24.4
fwAVG=3.29
sdW=83.8
fwW=3.74
sdS=248.9
fwS=3.18
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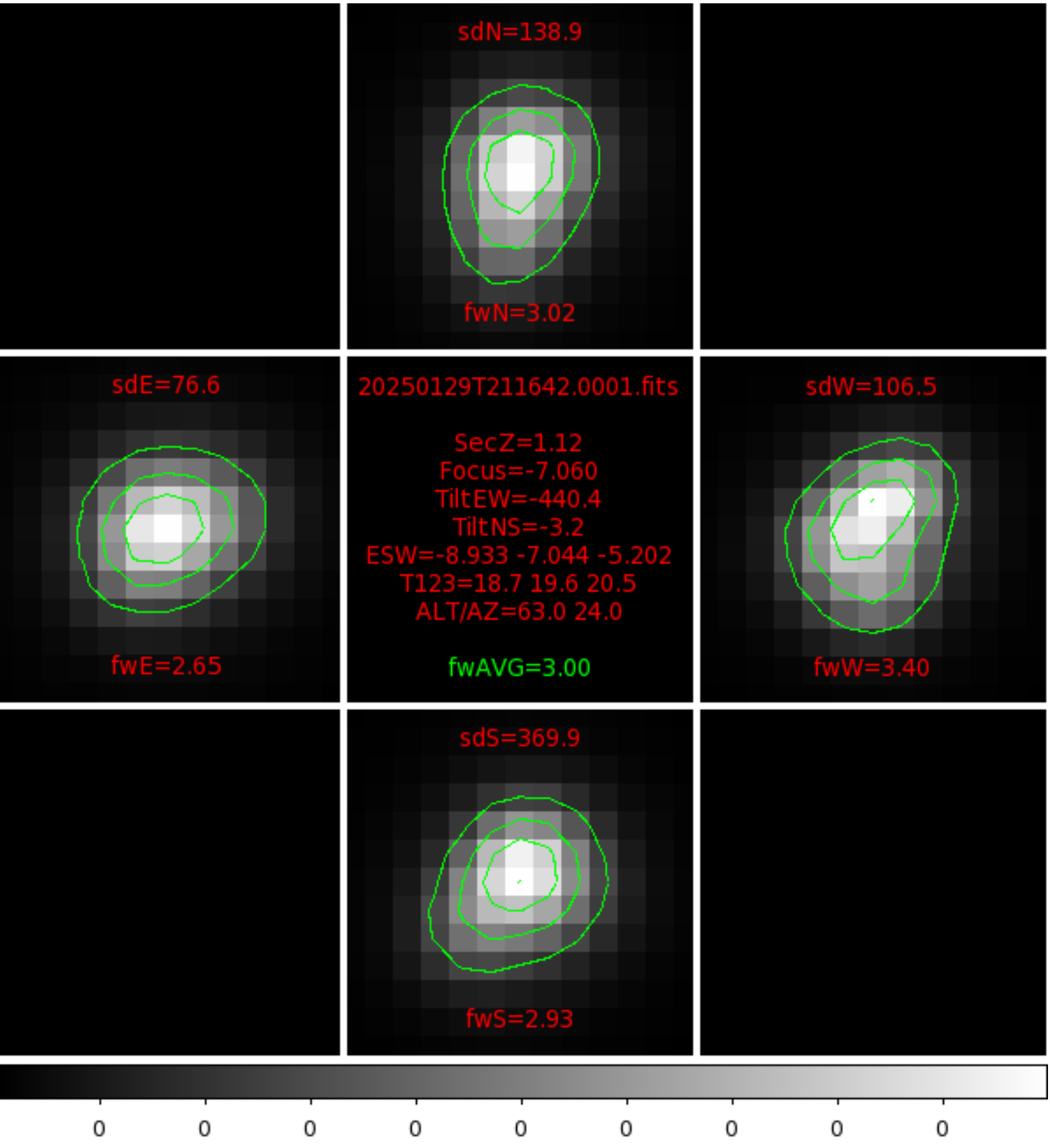
sdN=138.9
fwN=3.02
sdE=76.6
fwE=2.65
20250129T211642.0001.fits
SecZ=1.12
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.7 19.6 20.5
ALT/AZ=63.0 24.0
fwAVG=3.00
sdW=106.5
fwW=3.40
sdS=369.9
fwS=2.93
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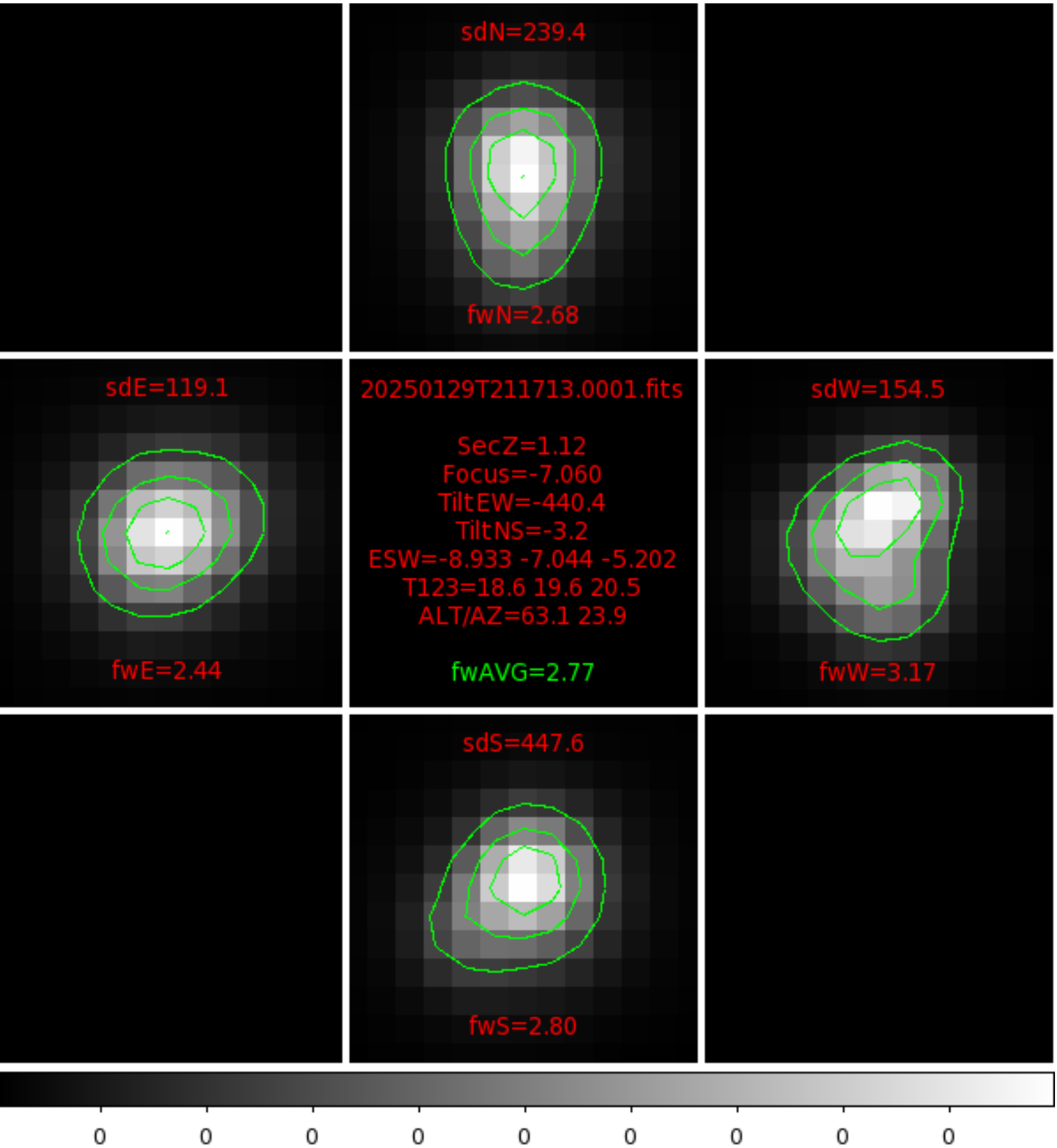
sdN=239.4
fwN=2.68
sdE=119.1
fwE=2.44
20250129T211713.0001.fits
SecZ=1.12
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.6 19.6 20.5
ALT/AZ=63.1 23.9
fwAVG=2.77
sdW=154.5
fwW=3.17
sdS=447.6
fwS=2.80
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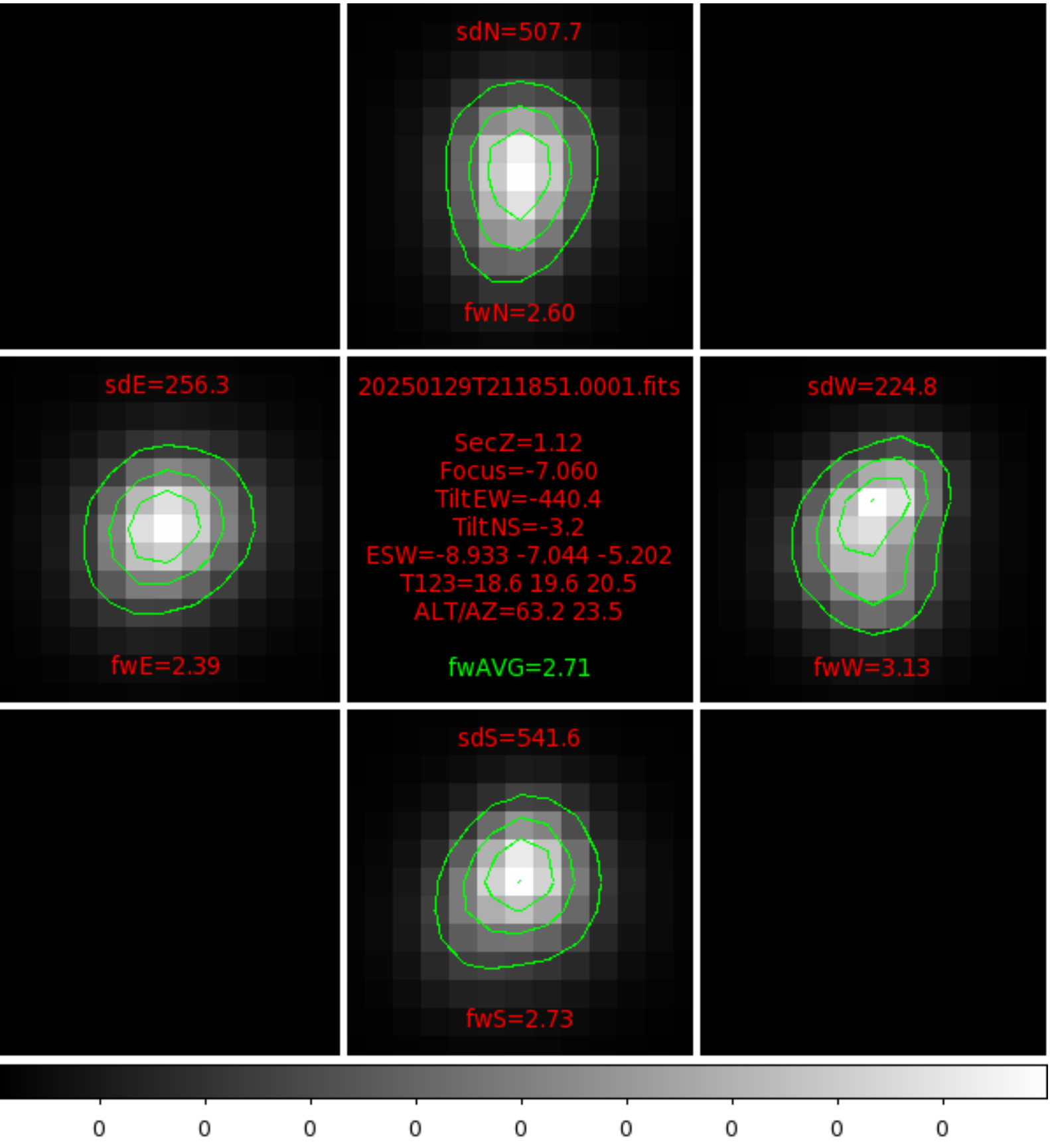
sdN=507.7
fwN=2.60
sdE=256.3
fwE=2.39
20250129T211851.0001.fits
SecZ=1.12
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.6 19.6 20.5
ALT/AZ=63.2 23.5
fwAVG=2.71
sdW=224.8
fwW=3.13
sdS=541.6
fwS=2.73
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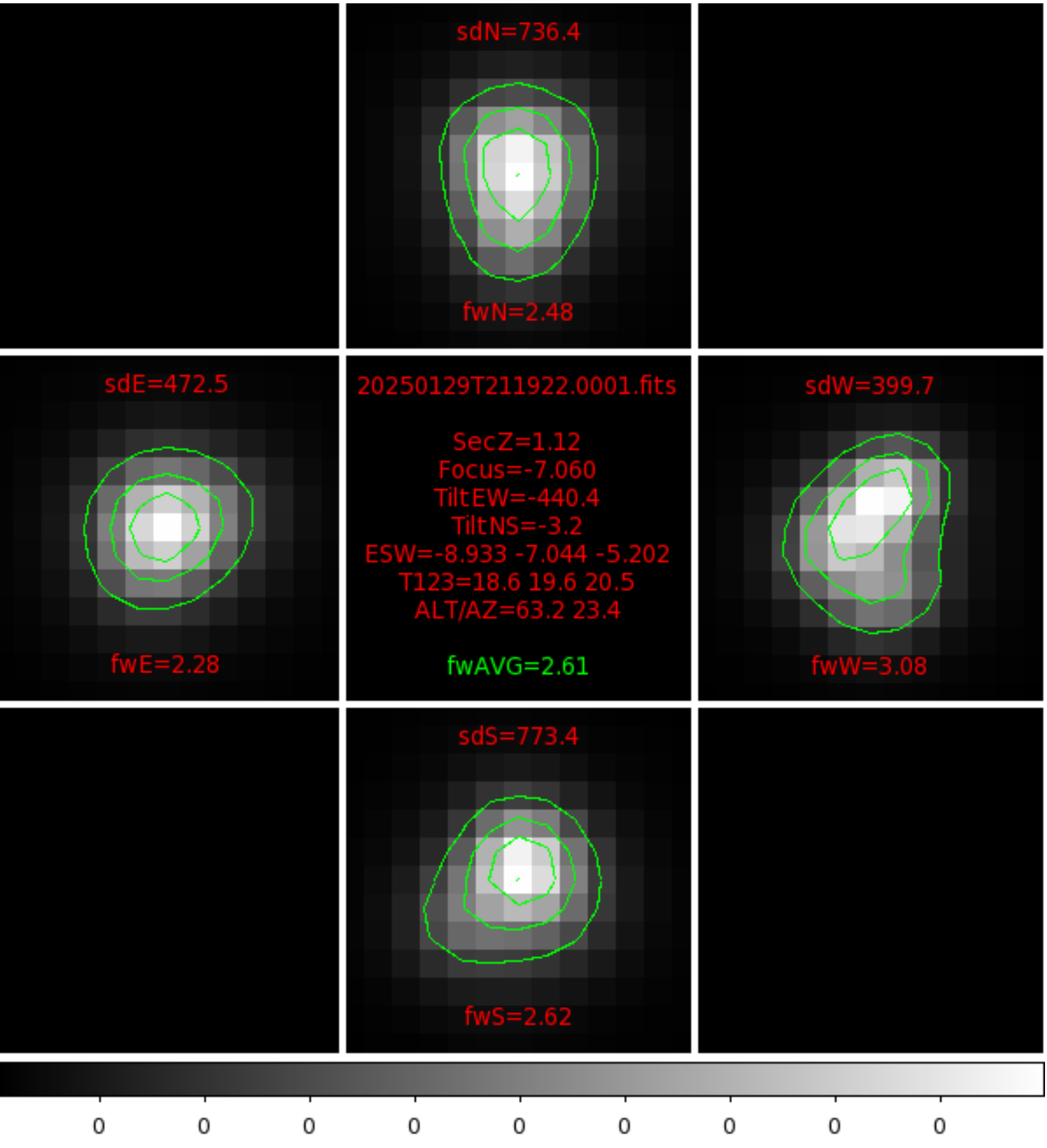
sdN=736.4
fwN=2.48
sdE=472.5
fwE=2.28
20250129T211922.0001.fits
SecZ=1.12
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.6 19.6 20.5
ALT/AZ=63.2 23.4
fwAVG=2.61
sdW=399.7
fwW=3.08
sdS=773.4
fwS=2.62
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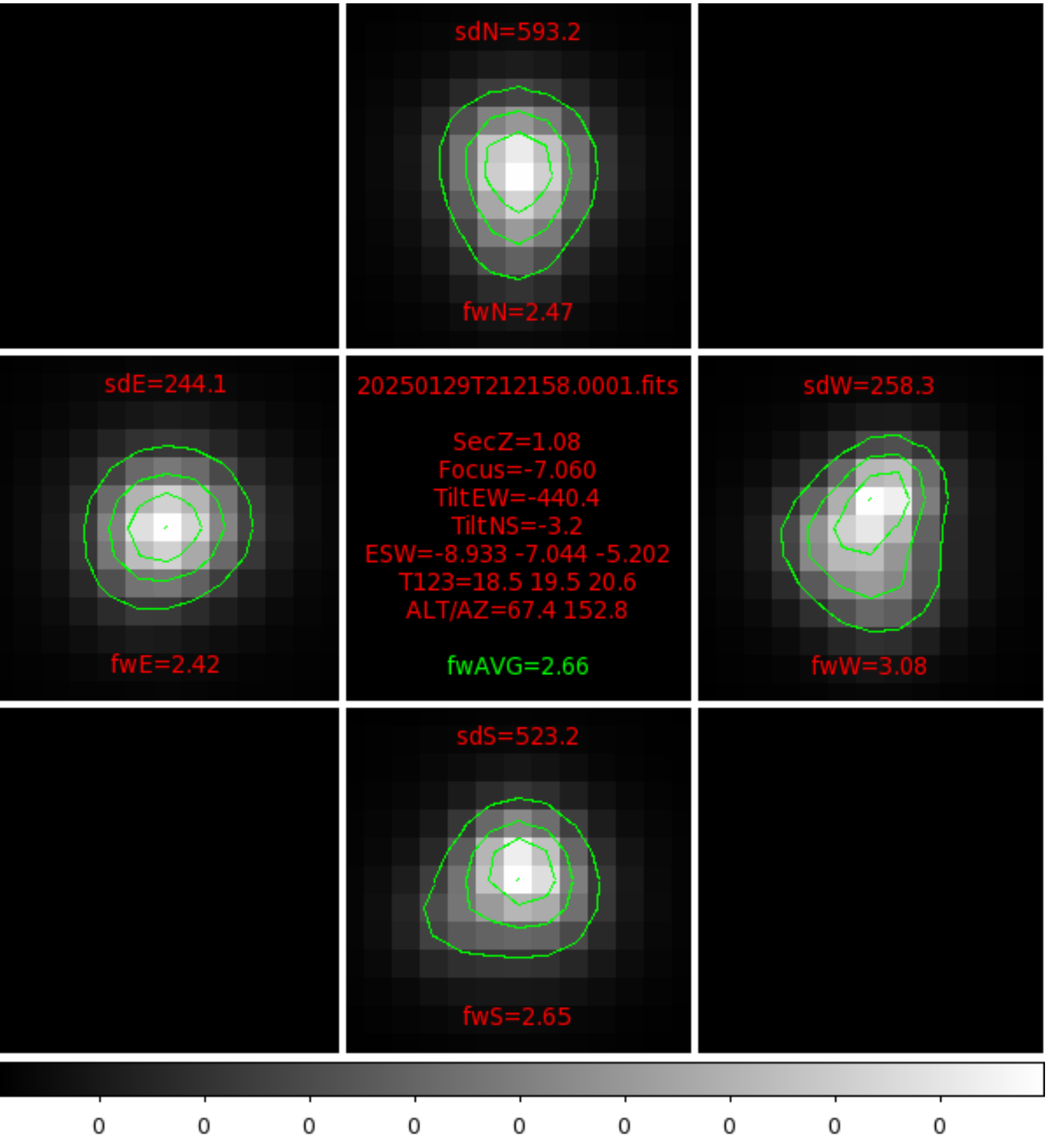
sdN=593.2
fwN=2.47
sdE=244.1
fwE=2.42
20250129T212158.0001.fits
SecZ=1.08
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.5 19.5 20.6
ALT/AZ=67.4 152.8
fwAVG=2.66
sdW=258.3
fwW=3.08
sdS=523.2
fwS=2.65
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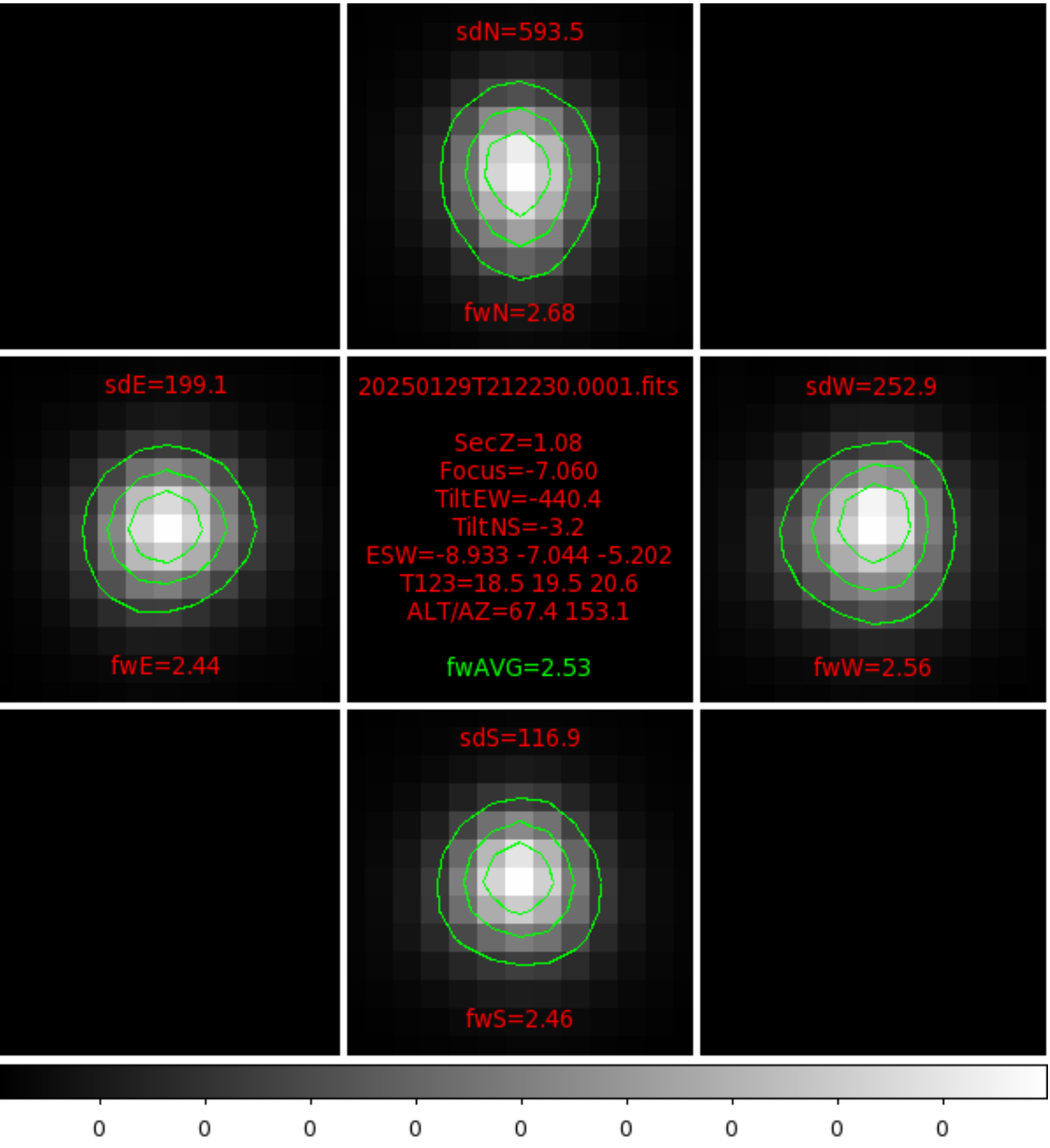
sdN=593.5
fwN=2.68
sdE=199.1
fwE=2.44
20250129T212230.0001.fits
SecZ=1.08
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.5 19.5 20.6
ALT/AZ=67.4 153.1
fwAVG=2.53
sdW=252.9
fwW=2.56
sdS=116.9
fwS=2.46
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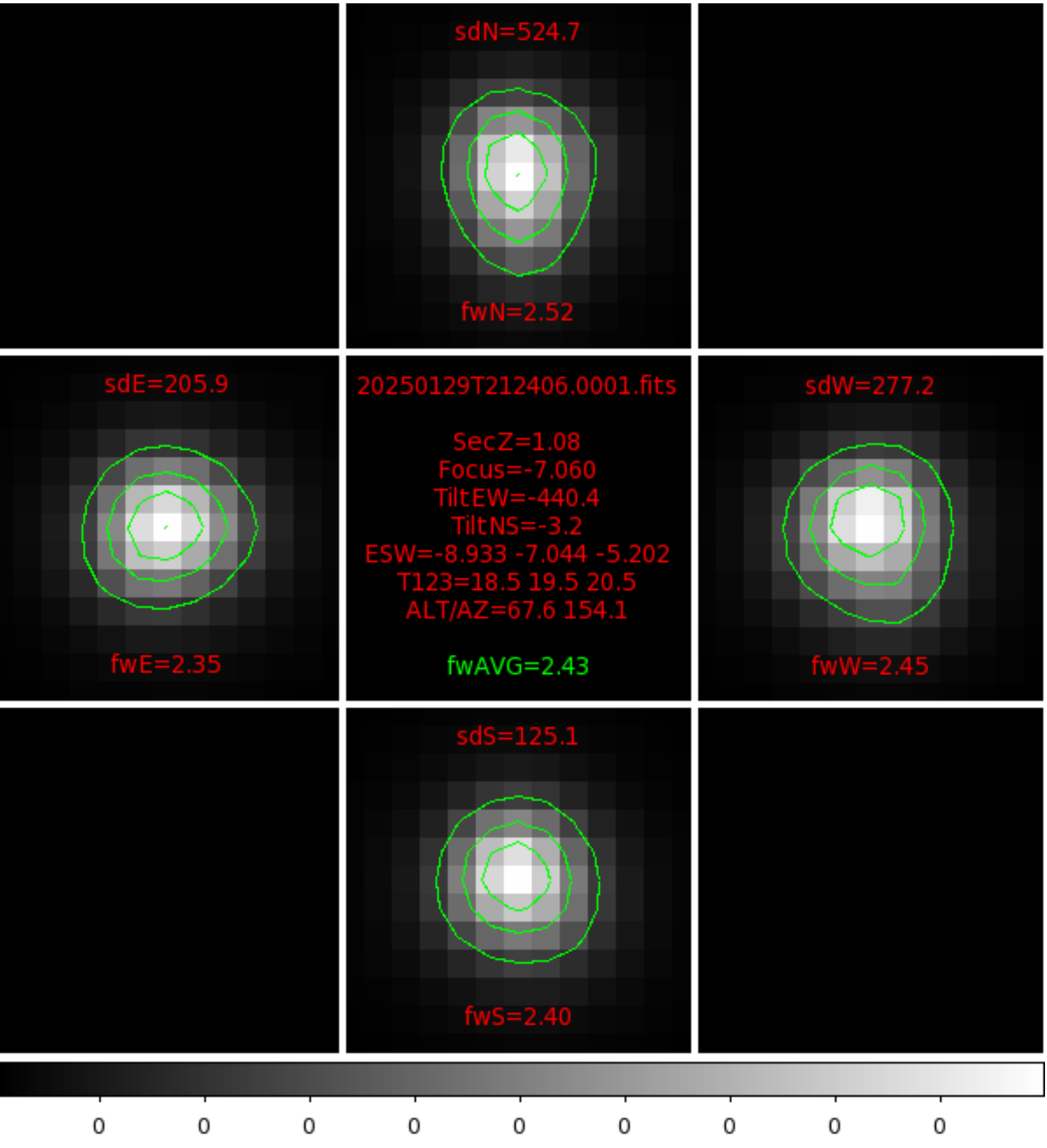
sdN=524.7
fwN=2.52
sdE=205.9
fwE=2.35
20250129T212406.0001.fits
SecZ=1.08
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.5 19.5 20.5
ALT/AZ=67.6 154.1
fwAVG=2.43
sdW=277.2
fwW=2.45
sdS=125.1
fwS=2.40
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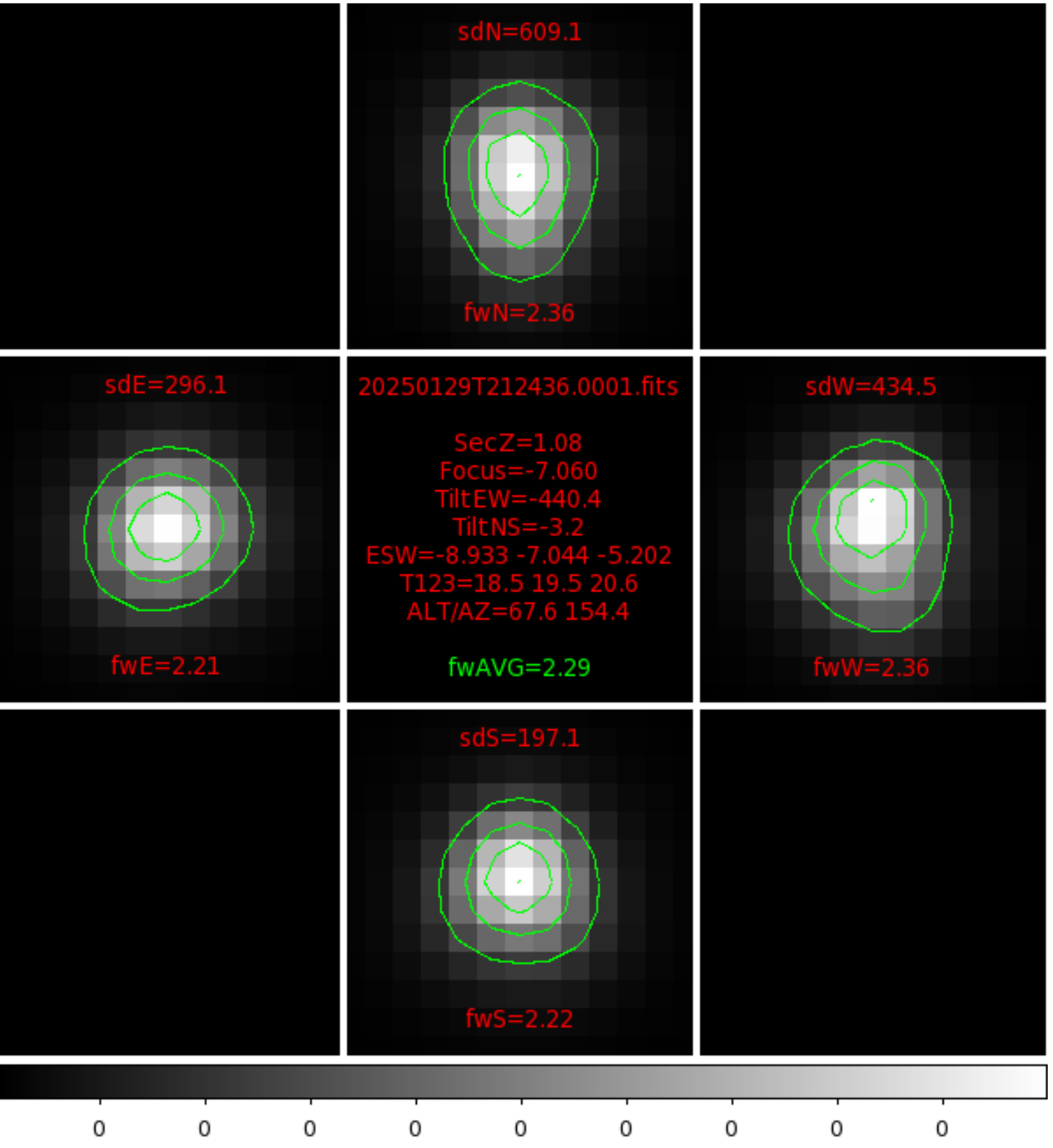
sdN=609.1
fwN=2.36
sdE=296.1
fwE=2.21
20250129T212436.0001.fits
SecZ=1.08
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.5 19.5 20.6
ALT/AZ=67.6 154.4
fwAVG=2.29
sdW=434.5
fwW=2.36
sdS=197.1
fwS=2.22
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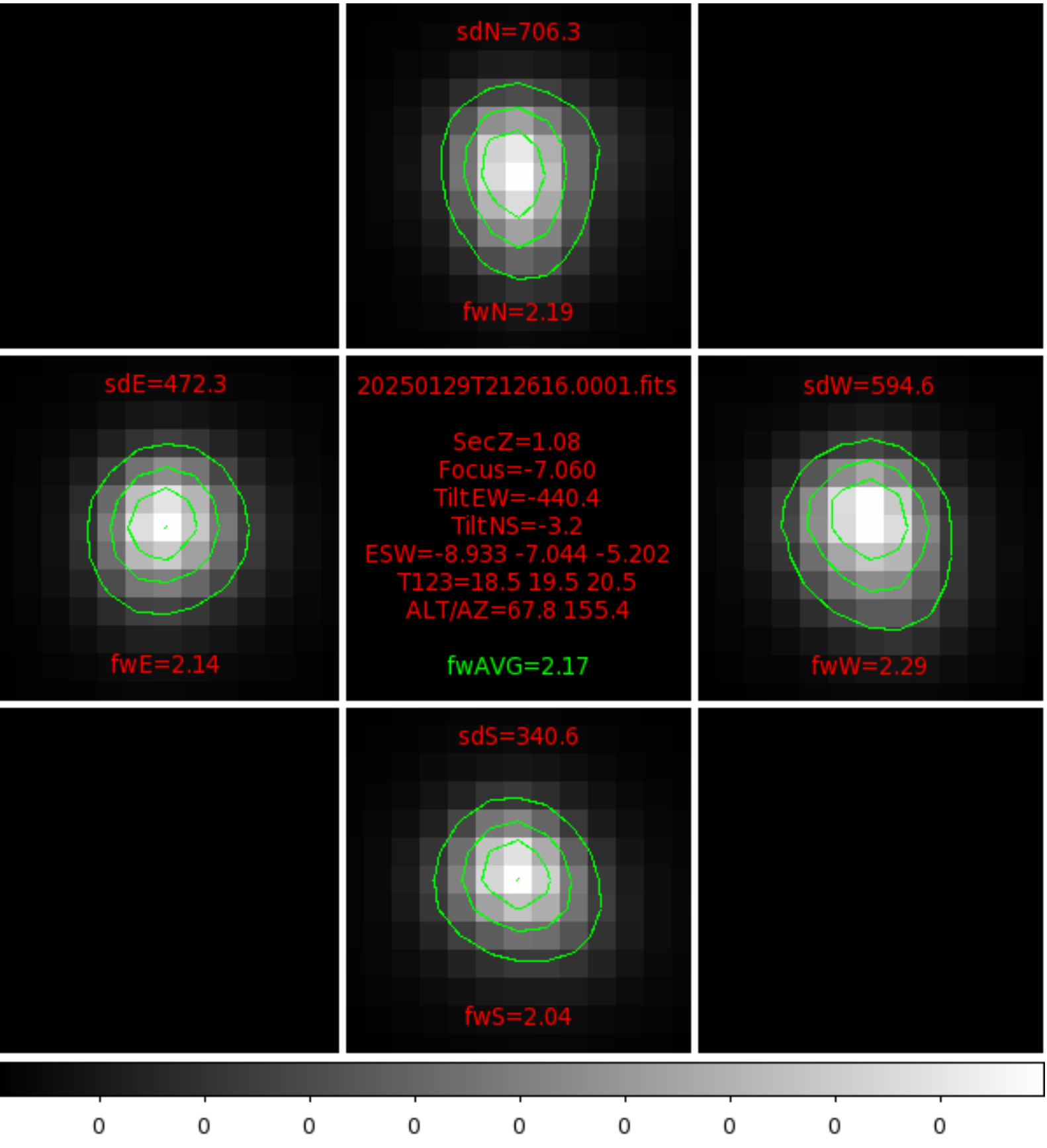
sdN=706.3
fwN=2.19
sdE=472.3
fwE=2.14
20250129T212616.0001.fits
SecZ=1.08
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.5 19.5 20.5
ALT/AZ=67.8 155.4
fwAVG=2.17
sdW=594.6
fwW=2.29
sdS=340.6
fwS=2.04
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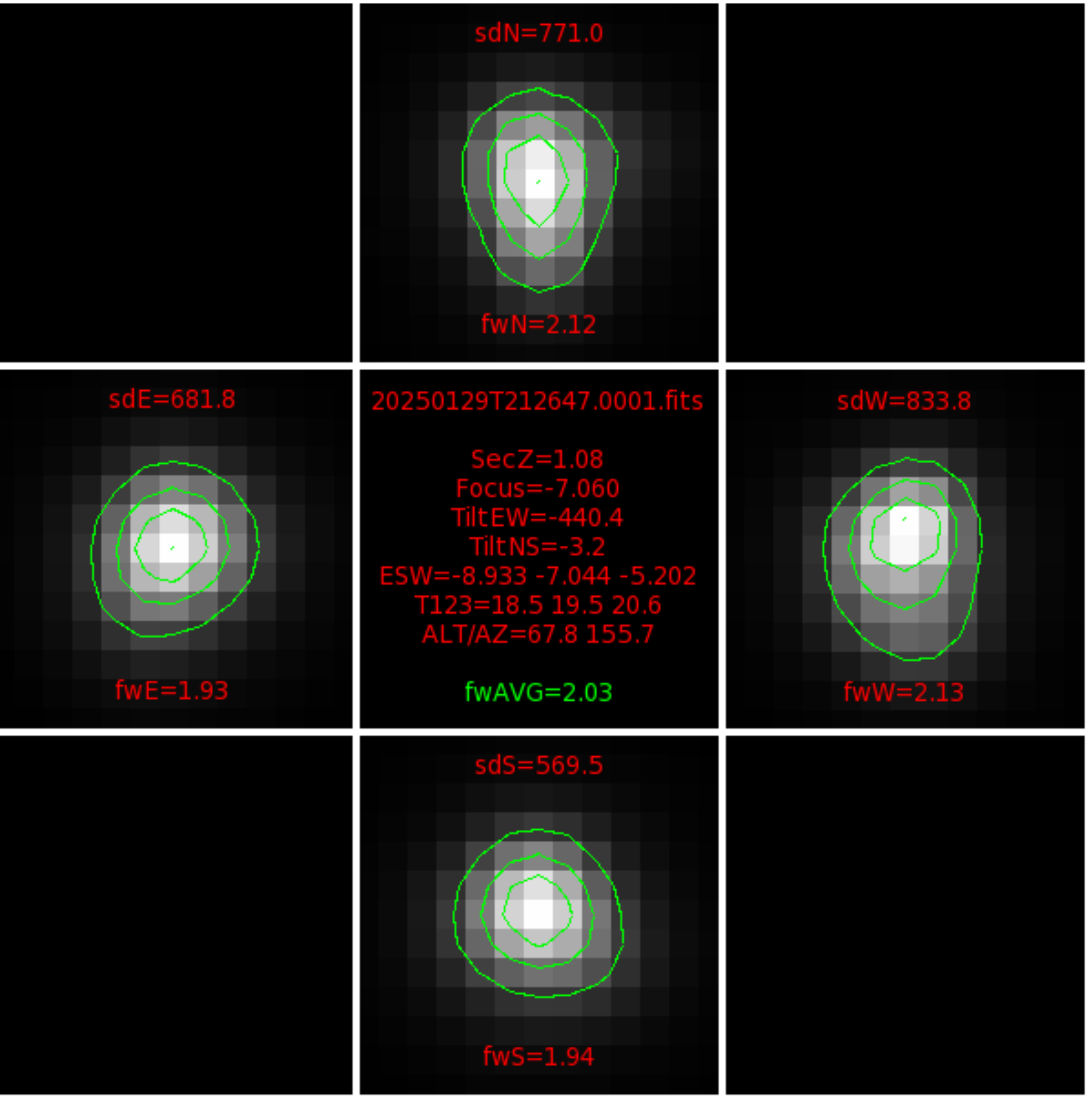
sdN=771.0
fwN=2.12
sdE=681.8
fwE=1.93
20250129T212647.0001.fits
SecZ=1.08
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.5 19.5 20.6
ALT/AZ=67.8 155.7
fwAVG=2.03
sdW=833.8
fwW=2.13
sdS=569.5
fwS=1.94
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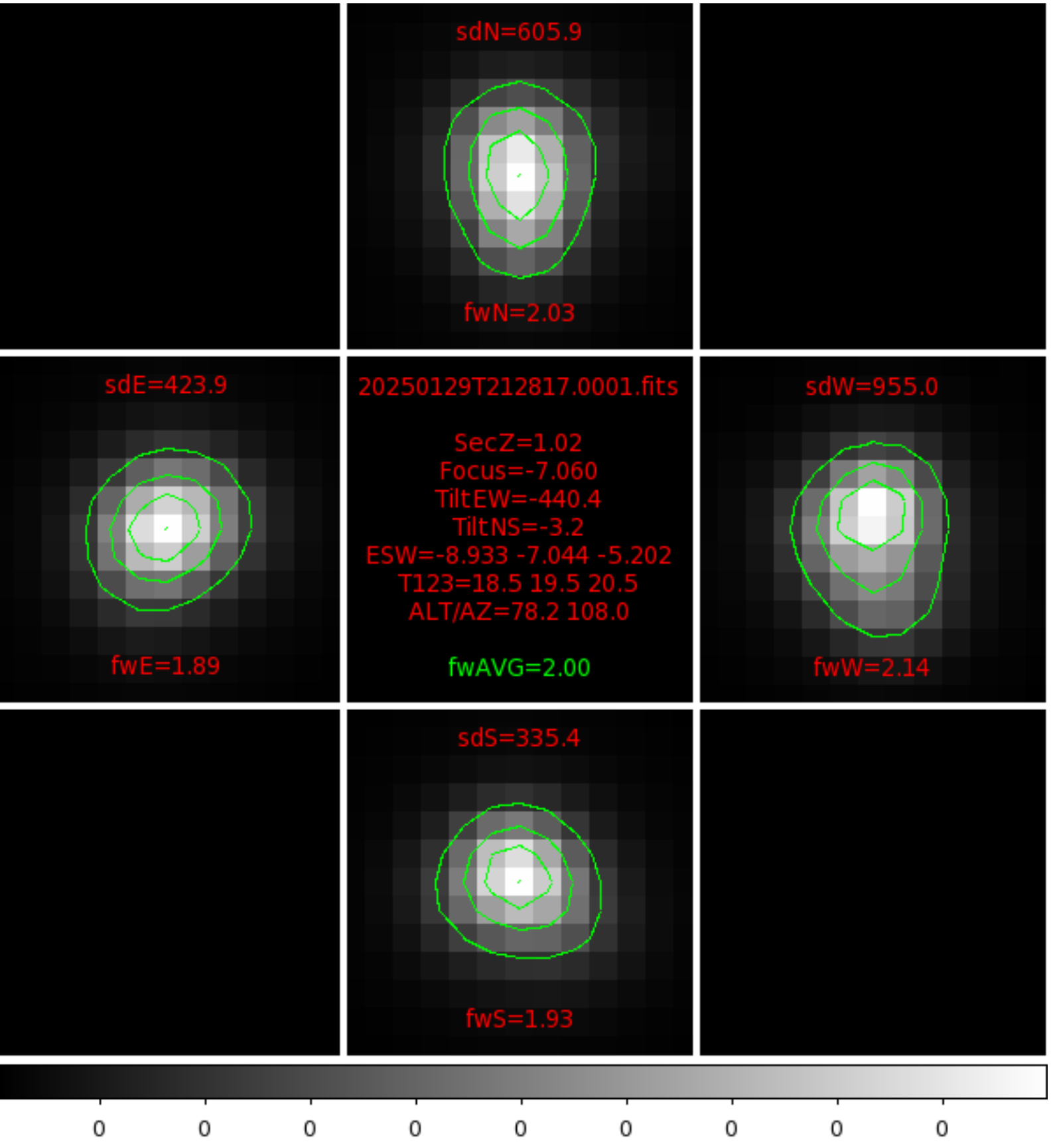
sdN=605.9
fwN=2.03
sdE=423.9
fwE=1.89
20250129T212817.0001.fits
SecZ=1.02
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.5 19.5 20.5
ALT/AZ=78.2 108.0
fwAVG=2.00
sdW=955.0
fwW=2.14
sdS=335.4
fwS=1.93
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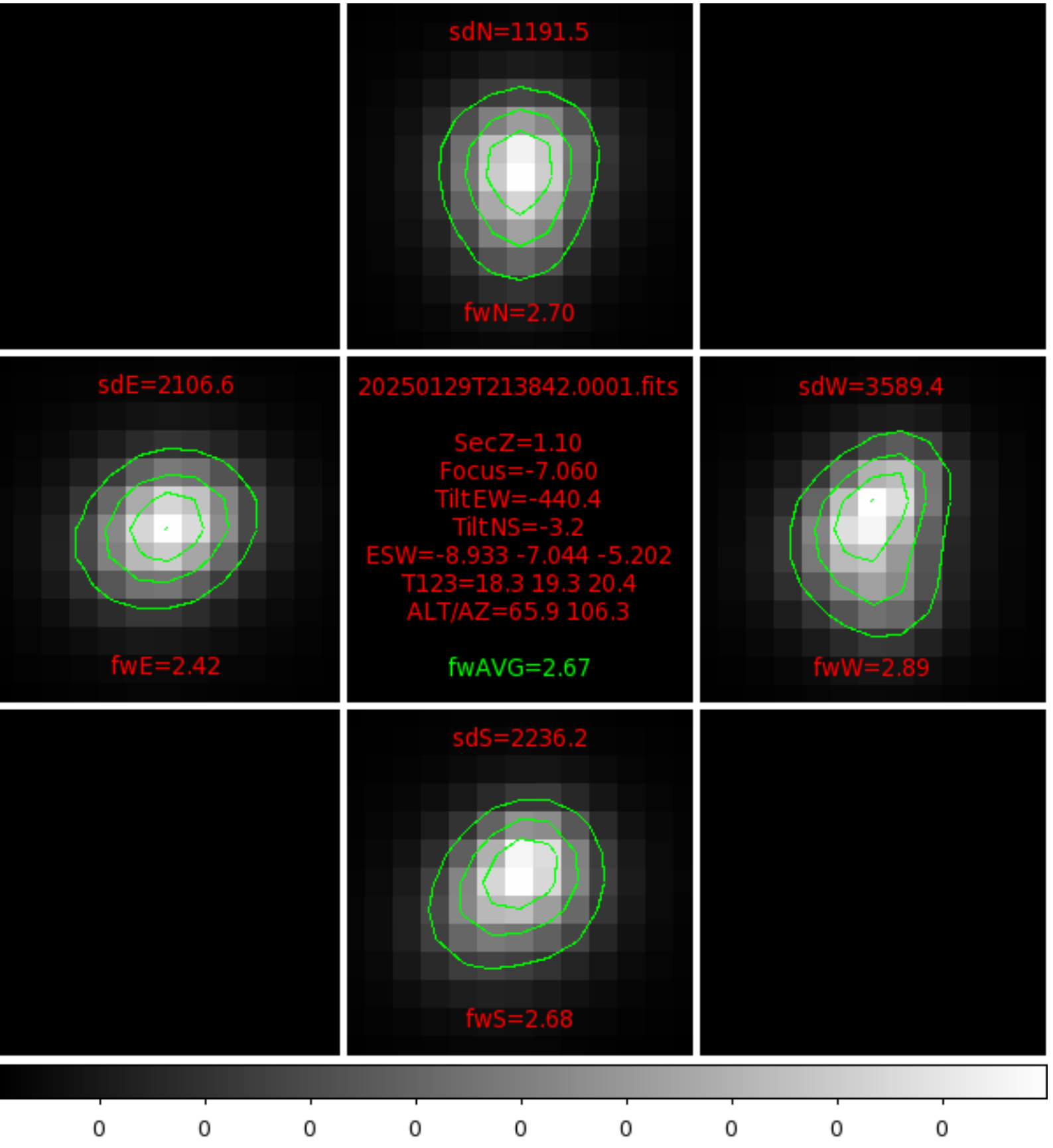
sdN=1191.5
fwN=2.70
sdE=2106.6
fwE=2.42
20250129T213842.0001.fits
SecZ=1.10
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.3 19.3 20.4
ALT/AZ=65.9 106.3
fwAVG=2.67
sdW=3589.4
fwW=2.89
sdS=2236.2
fwS=2.68
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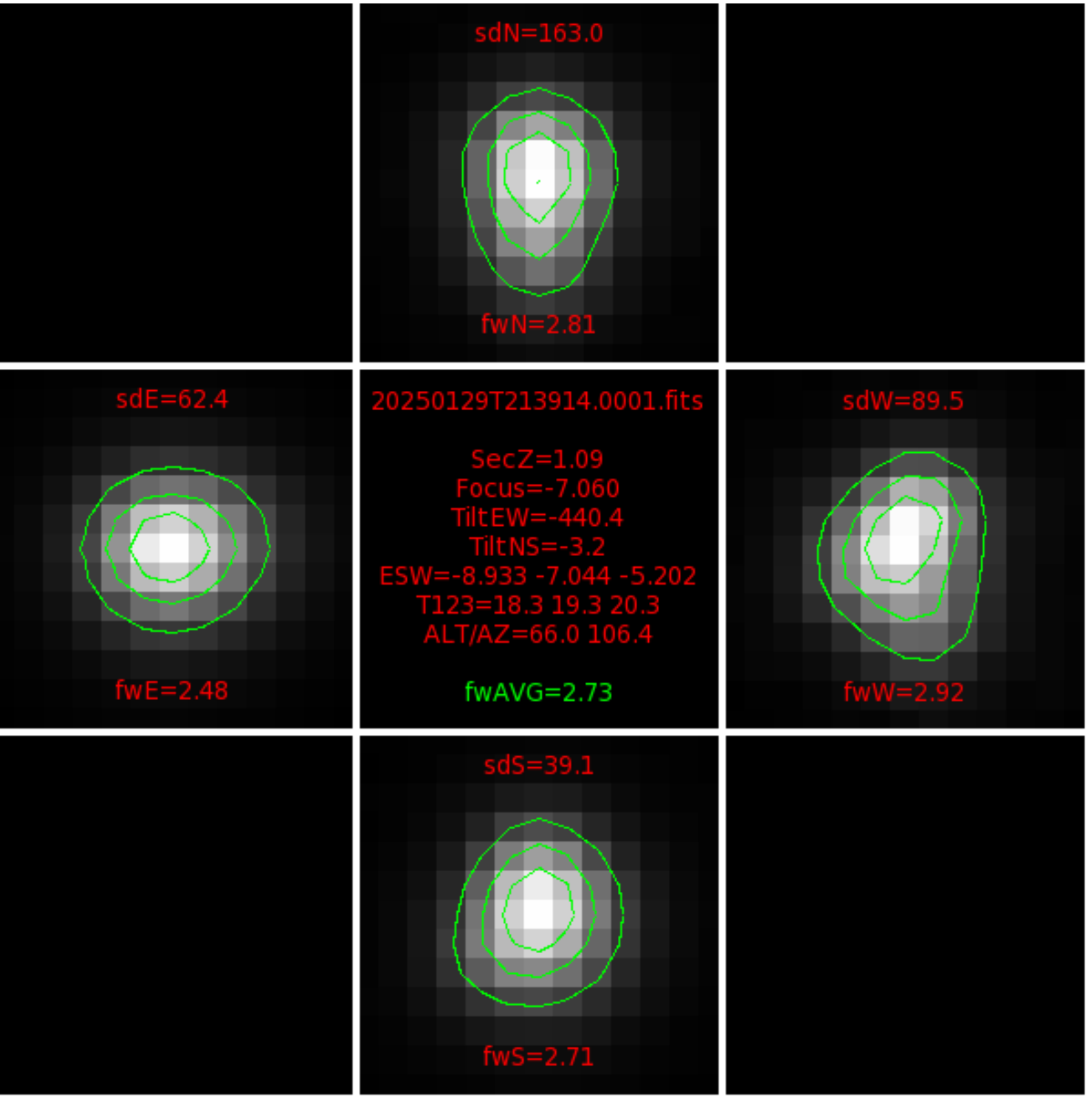
sdN=163.0
fwN=2.81
sdE=62.4
fwE=2.48
20250129T213914.0001.fits
SecZ=1.09
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.3 19.3 20.3
ALT/AZ=66.0 106.4
fwAVG=2.73
sdW=89.5
fwW=2.92
sdS=39.1
fwS=2.71
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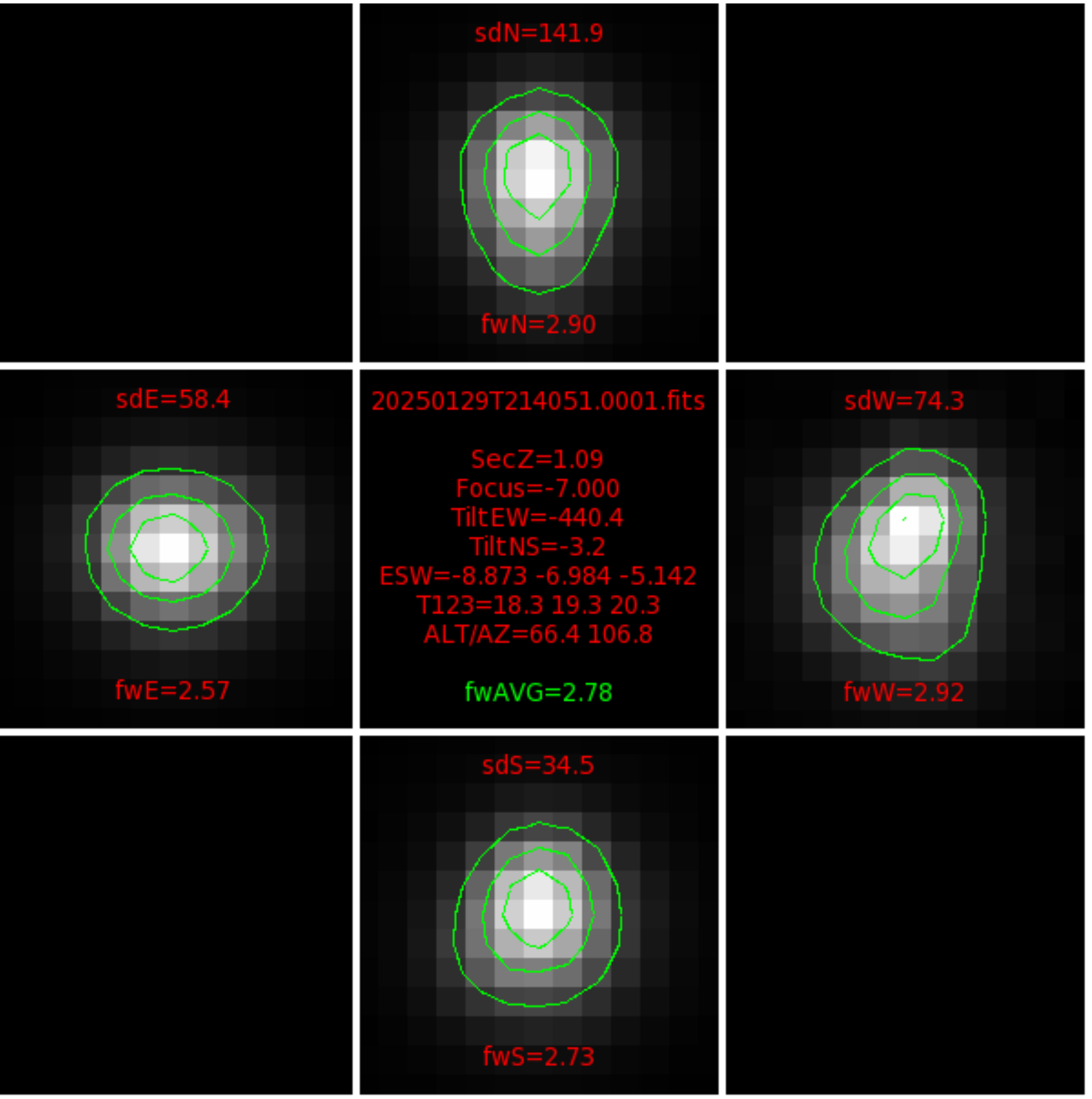
sdN=141.9
fwN=2.90
sdE=58.4
fwE=2.57
20250129T214051.0001.fits
SecZ=1.09
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.3 19.3 20.3
ALT/AZ=66.4 106.8
fwAVG=2.78
sdW=74.3
fwW=2.92
sdS=34.5
fwS=2.73
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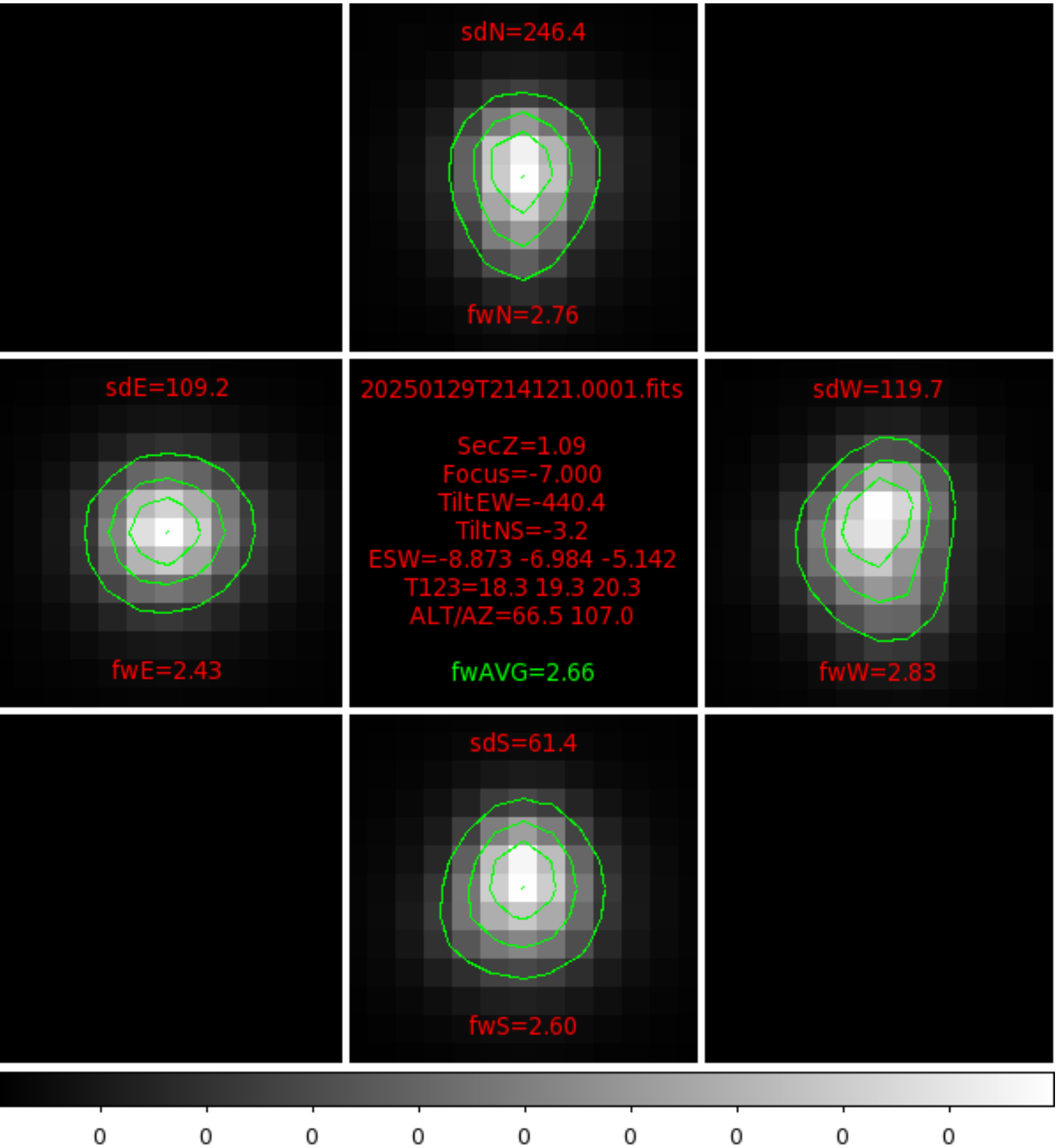
sdN=246.4
fwN=2.76
sdE=109.2
fwE=2.43
20250129T214121.0001.fits
SecZ=1.09
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.3 19.3 20.3
ALT/AZ=66.5 107.0
fwAVG=2.66
sdW=119.7
fwW=2.83
sdS=61.4
fwS=2.60
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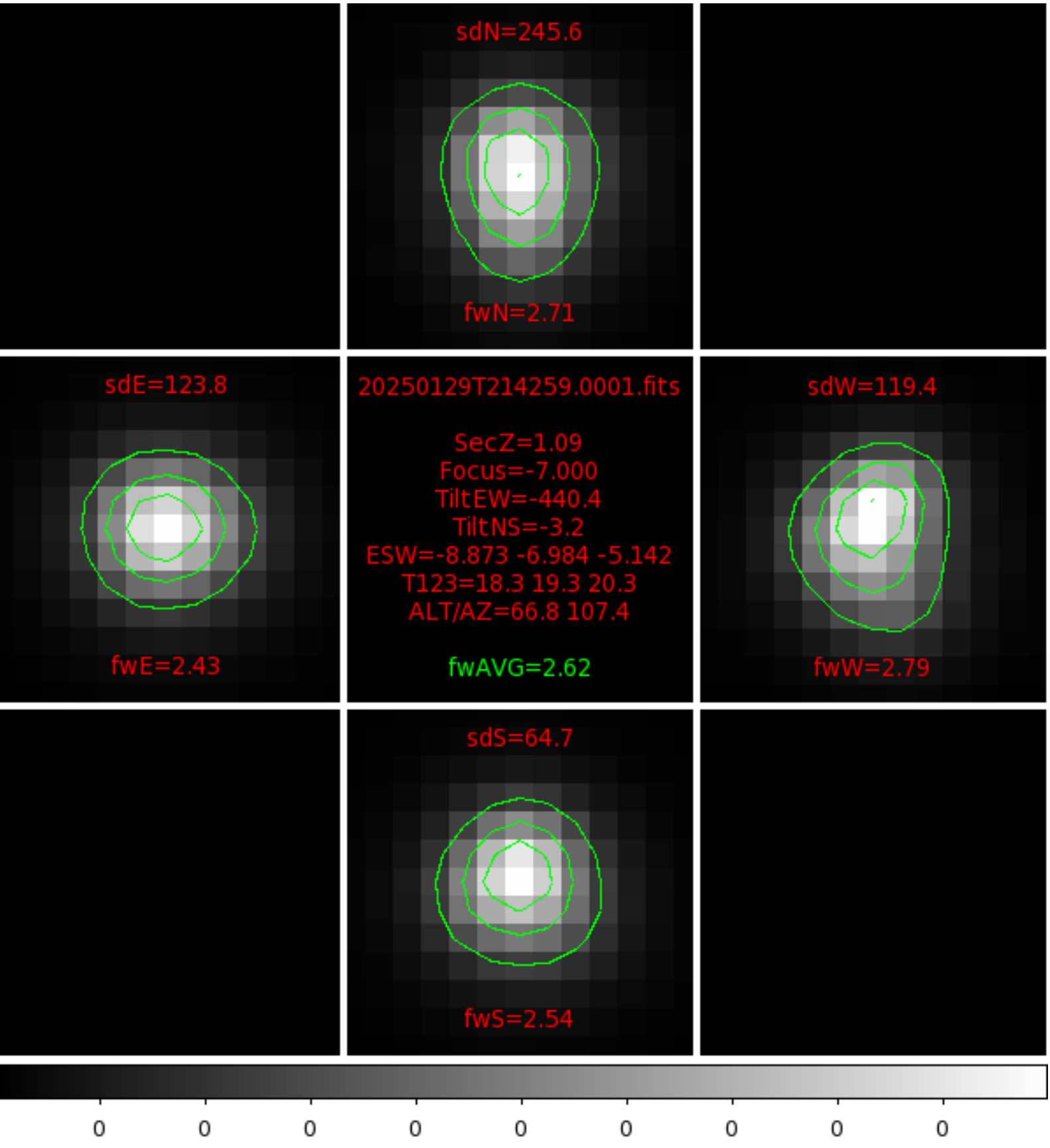
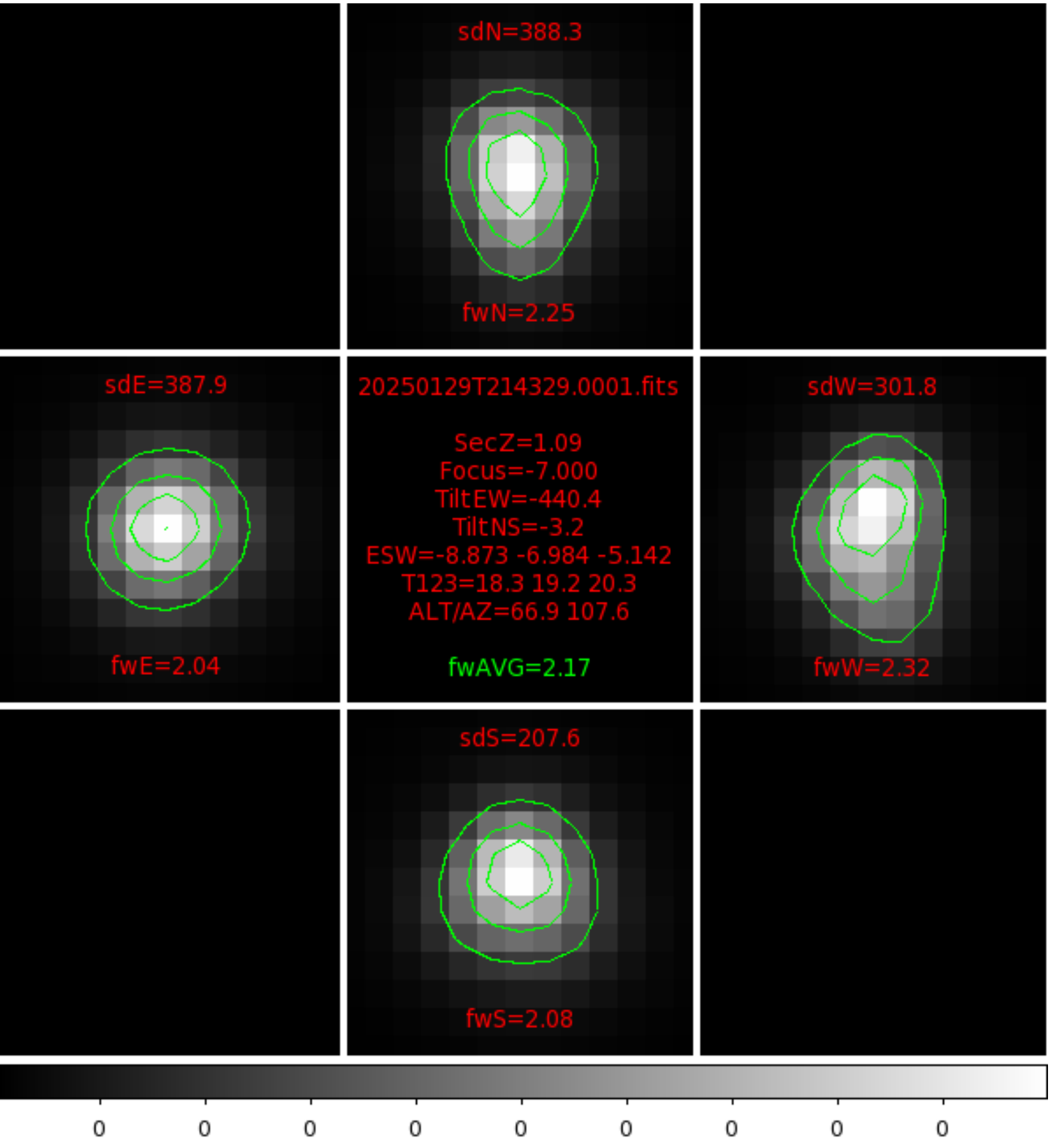
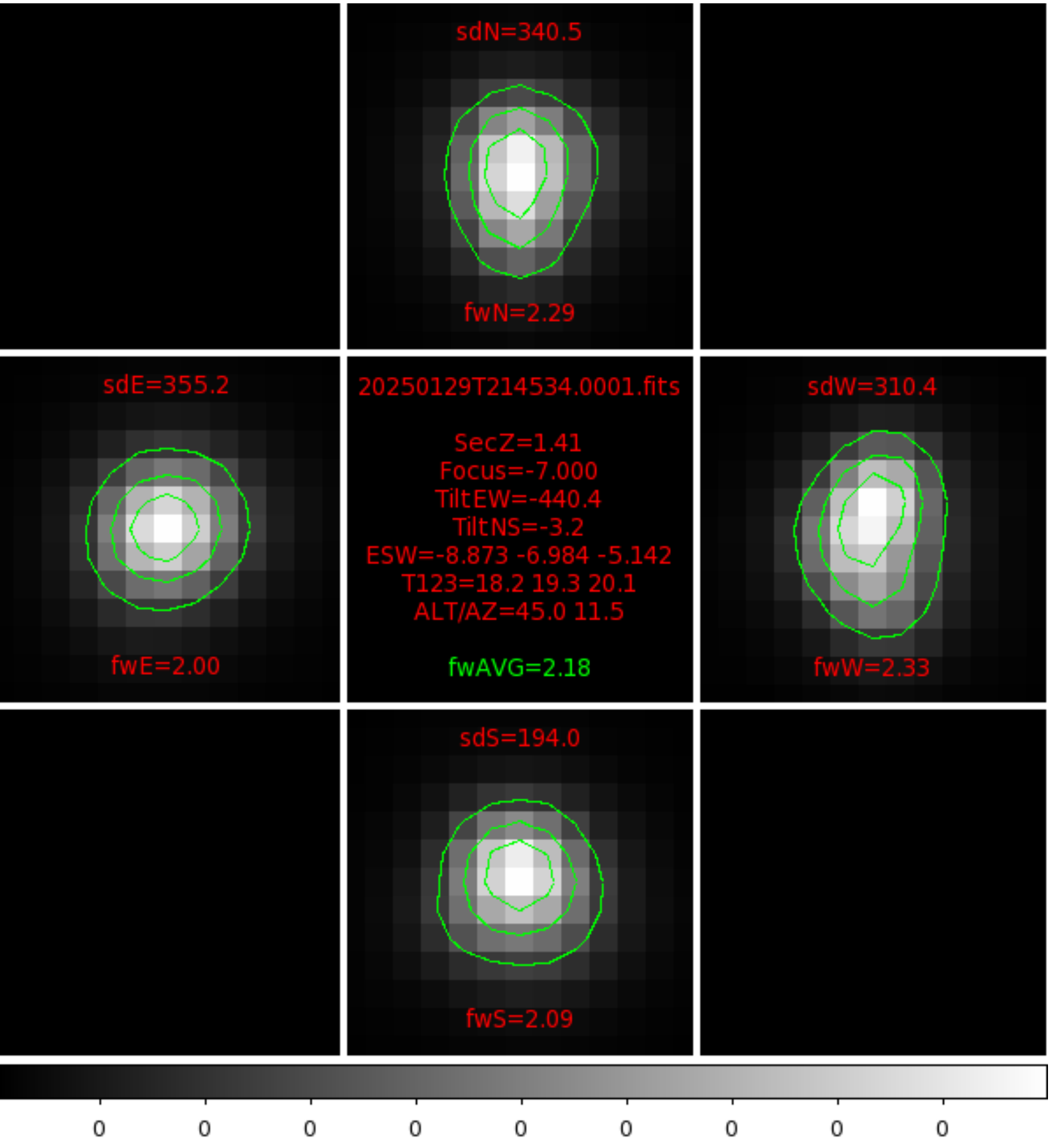
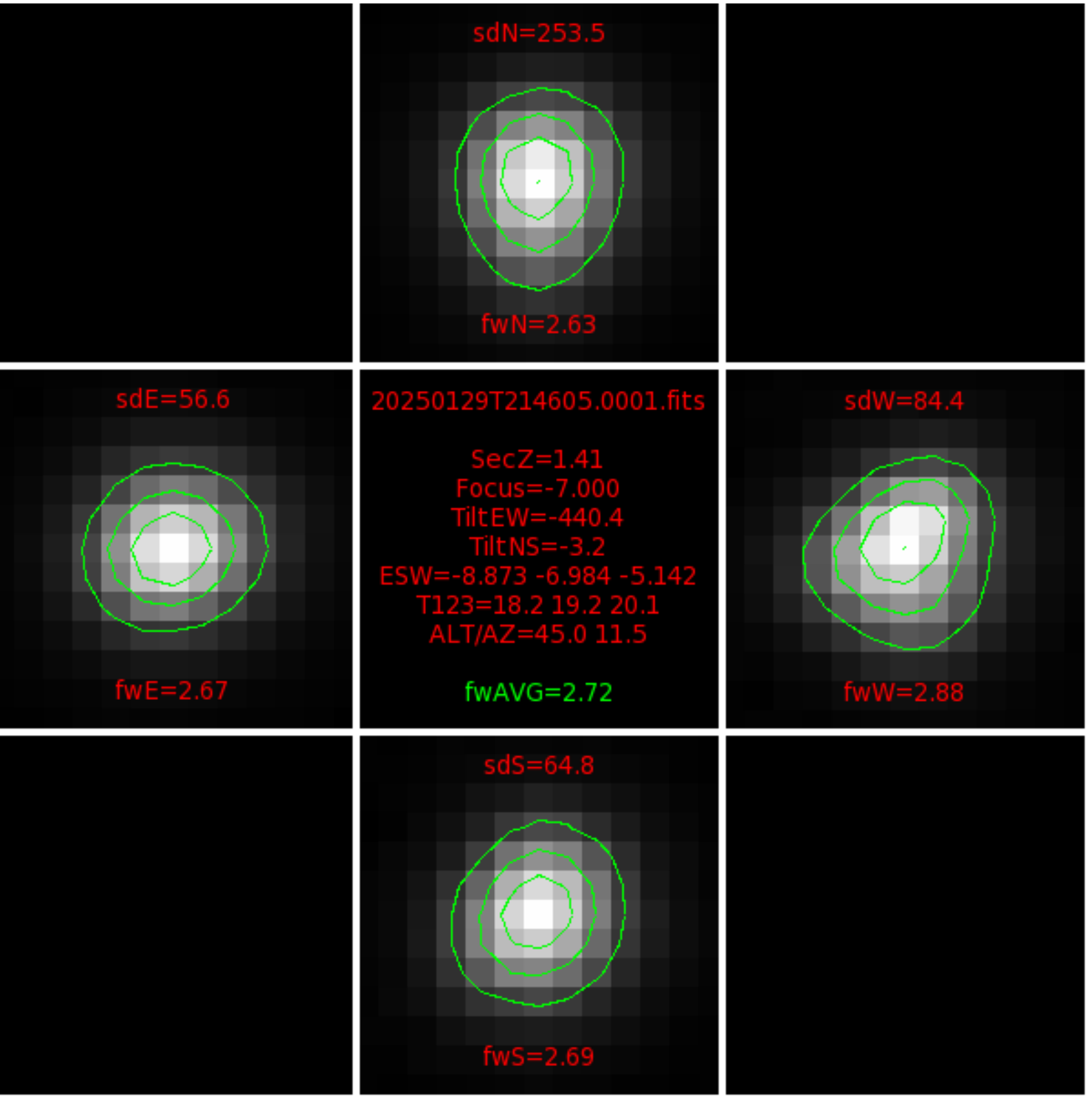

sdN=245.6
fwN=2.71
sdE=123.8
fwE=2.43
20250129T214259.0001.fits
SecZ=1.09
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.3 19.3 20.3
ALT/AZ=66.8 107.4
fwAVG=2.62
sdW=119.4
fwW=2.79
sdS=64.7
fwS=2.54
0 0 0 0 0 0 0 0 0


sdN=388.3
fwN=2.25
sdE=387.9
fwE=2.04
20250129T214329.0001.fits
SecZ=1.09
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.3 19.2 20.3
ALT/AZ=66.9 107.6
fwAVG=2.17
sdW=301.8
fwW=2.32
sdS=207.6
fwS=2.08
0 0 0 0 0 0 0 0 0


sdN=340.5
fwN=2.29
sdE=355.2
fwE=2.00
20250129T214534.0001.fits
SecZ=1.41
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.2 19.3 20.1
ALT/AZ=45.0 11.5
fwAVG=2.18
sdW=310.4
fwW=2.33
sdS=194.0
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=253.5
fwN=2.63
sdE=56.6
fwE=2.67
20250129T214605.0001.fits
SecZ=1.41
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.2 19.2 20.1
ALT/AZ=45.0 11.5
fwAVG=2.72
sdW=84.4
fwW=2.88
sdS=64.8
fwS=2.69
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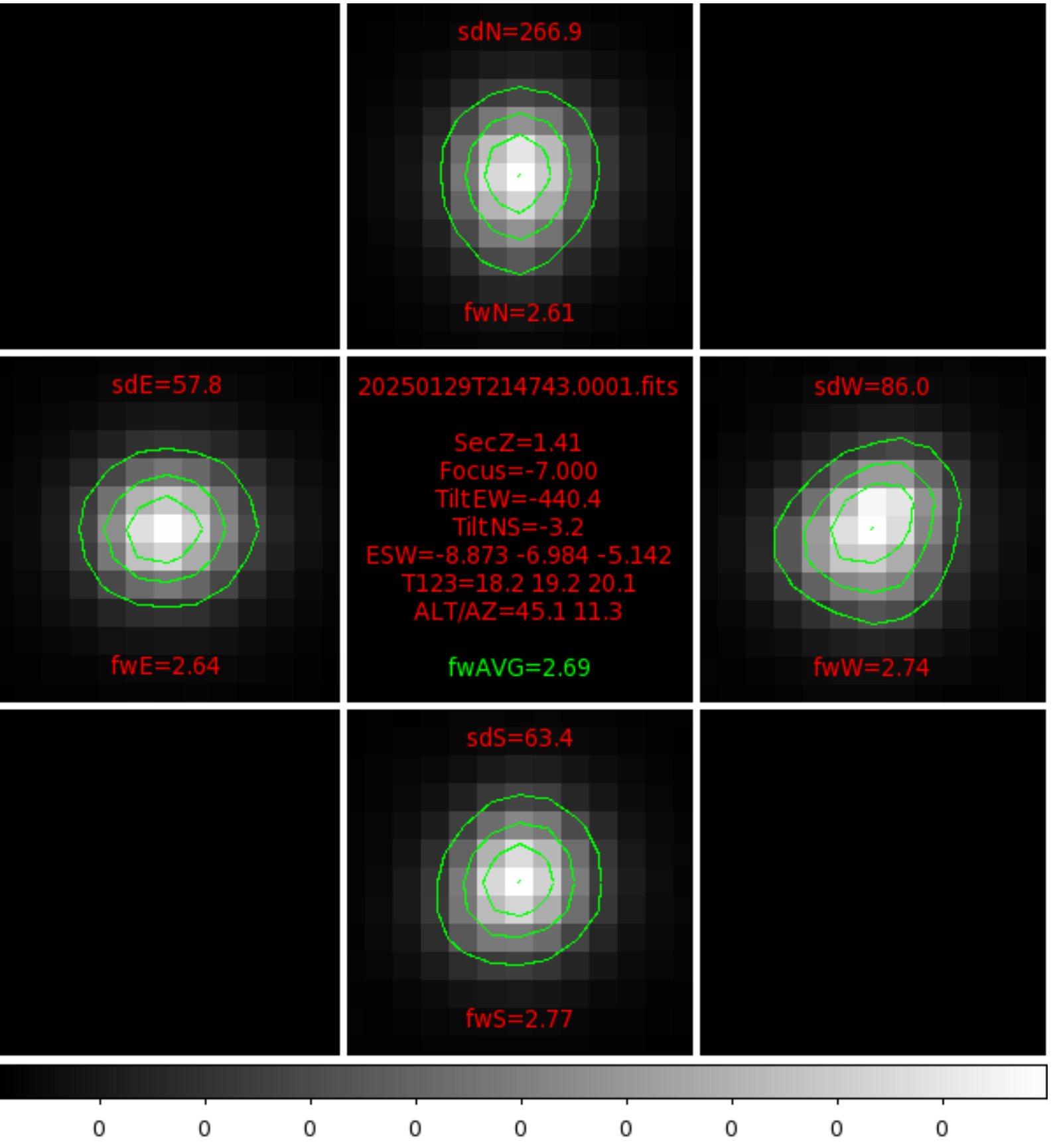
sdN=266.9
fwN=2.61
sdE=57.8
fwE=2.64
20250129T214743.0001.fits
SecZ=1.41
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.2 19.2 20.1
ALT/AZ=45.1 11.3
fwAVG=2.69
sdW=86.0
fwW=2.74
sdS=63.4
fwS=2.77
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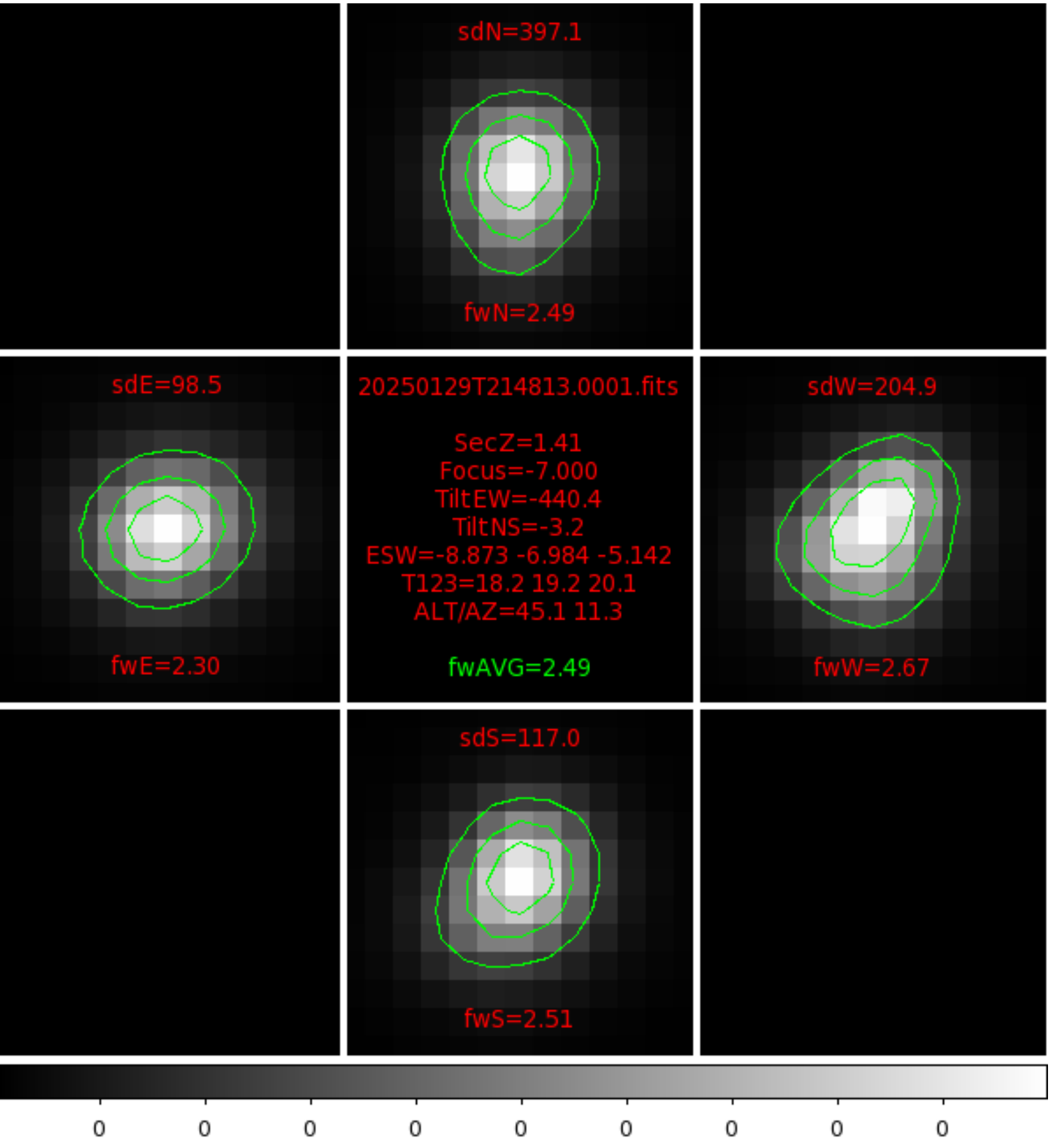
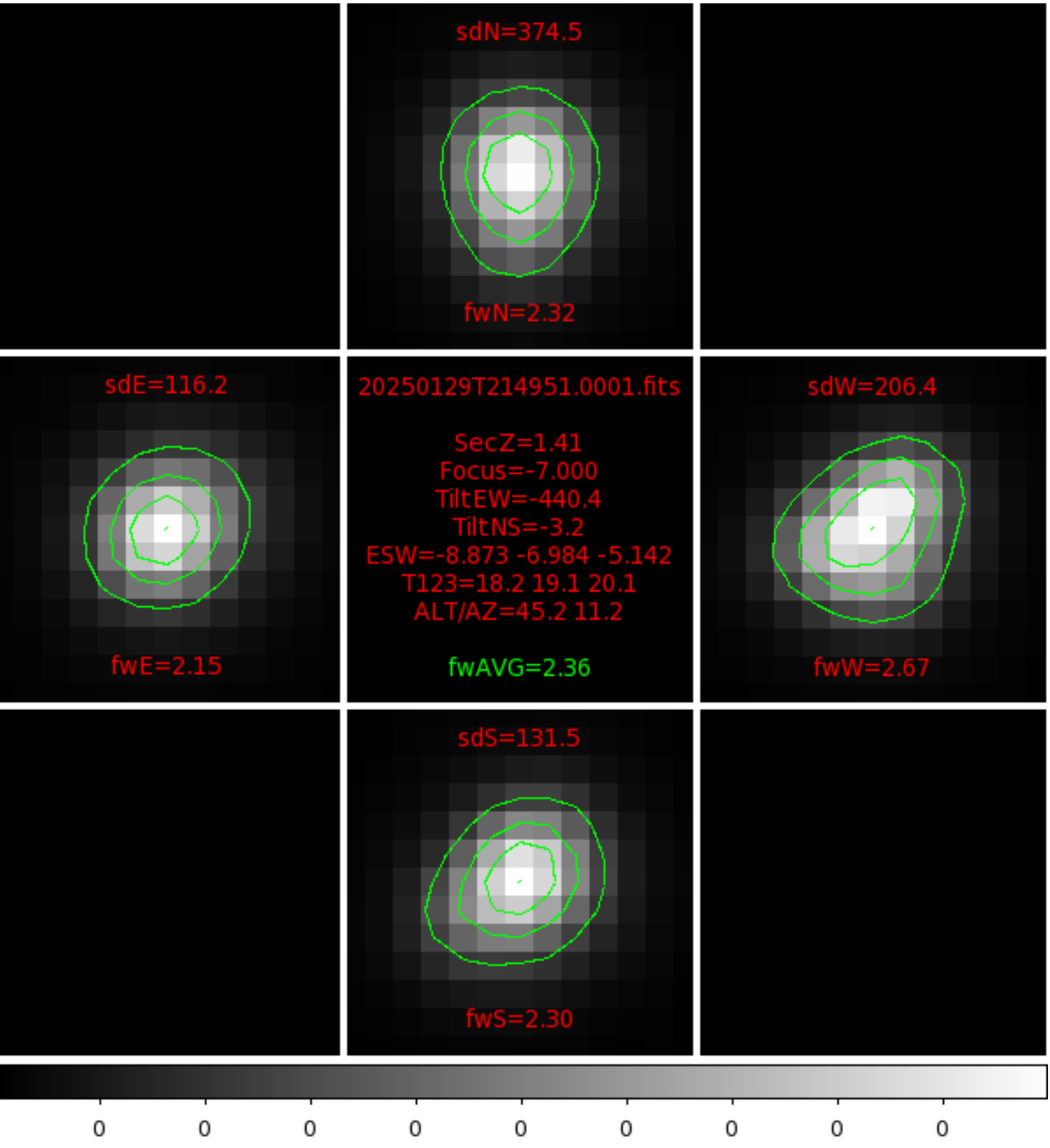
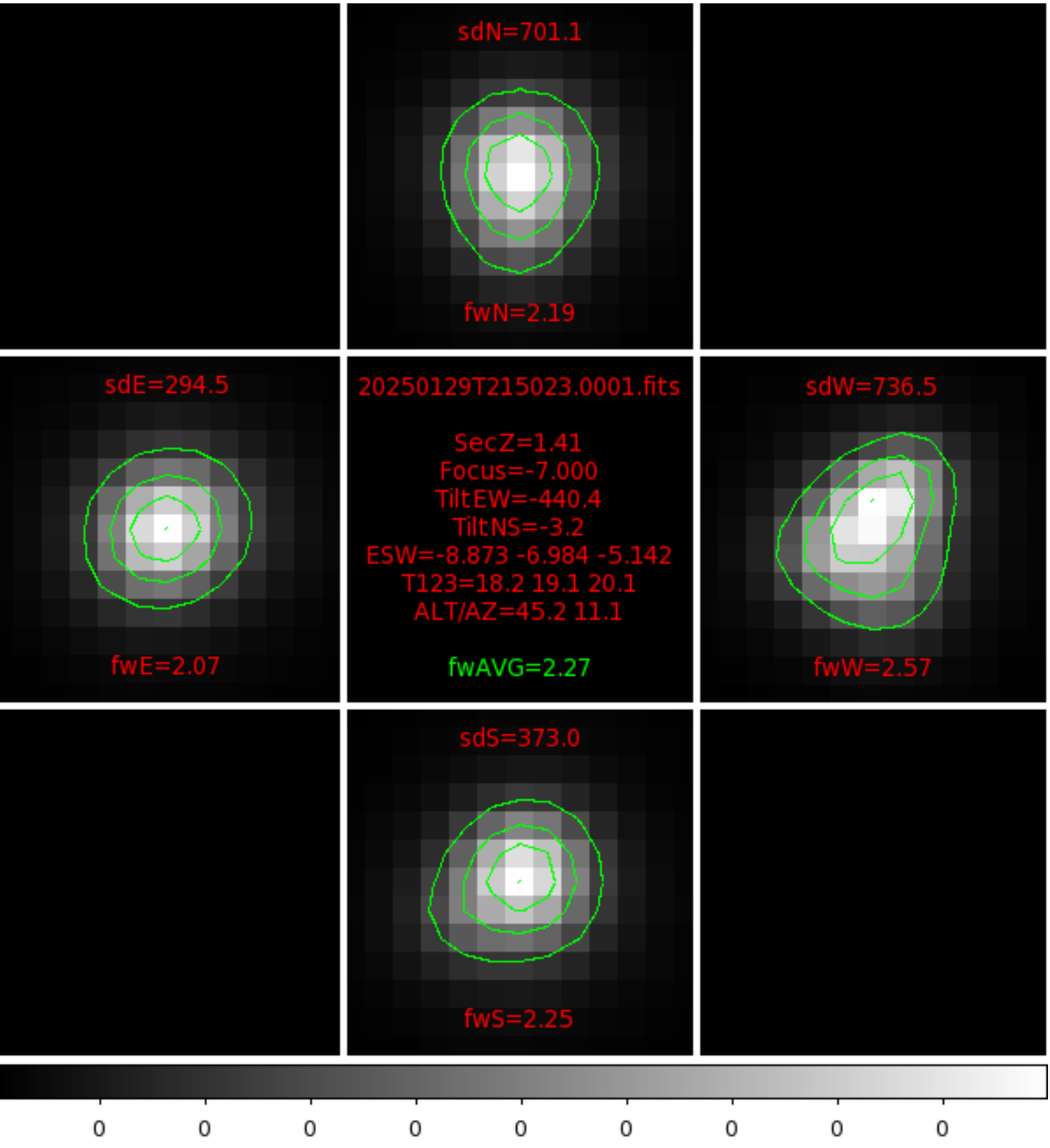
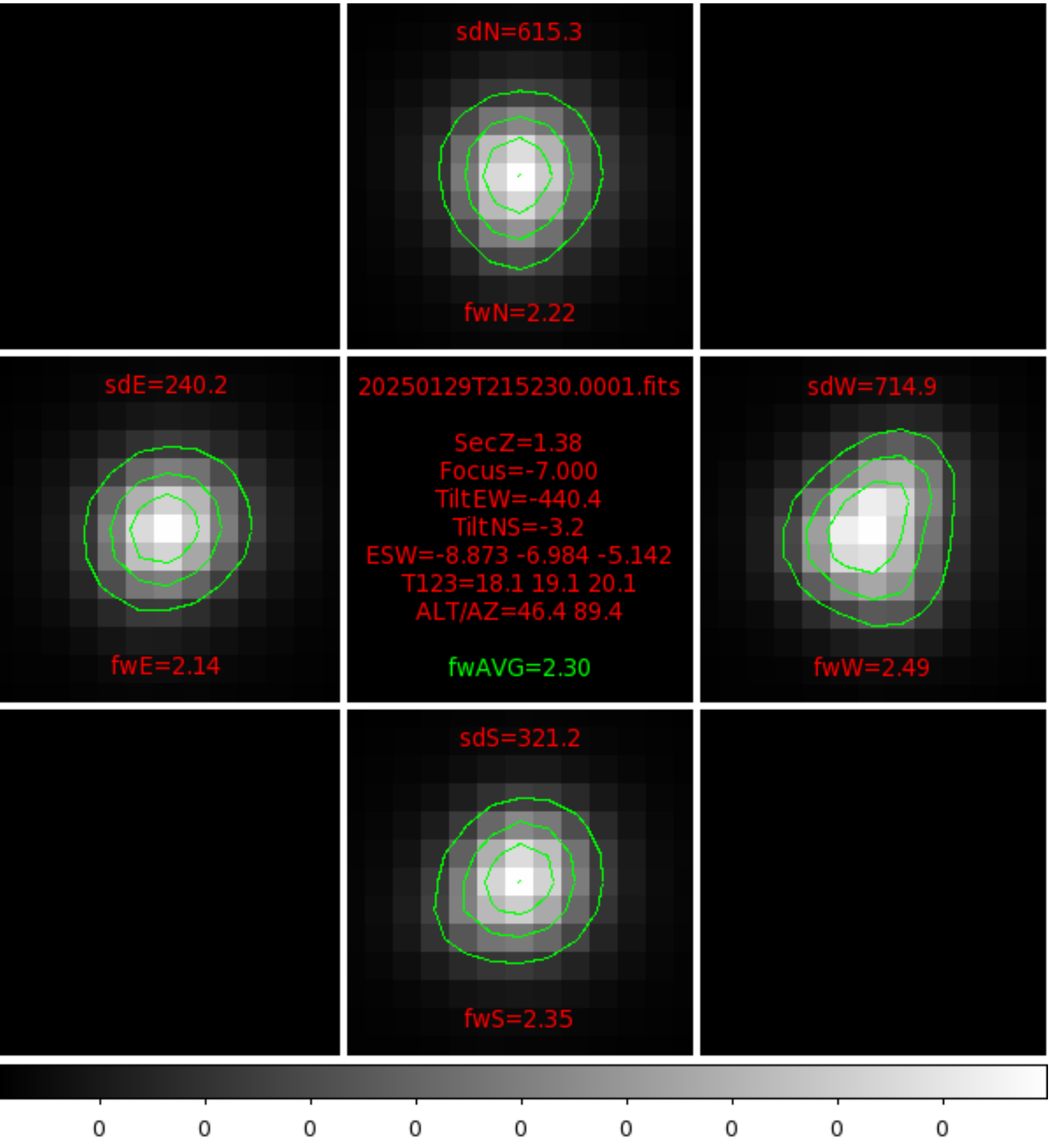
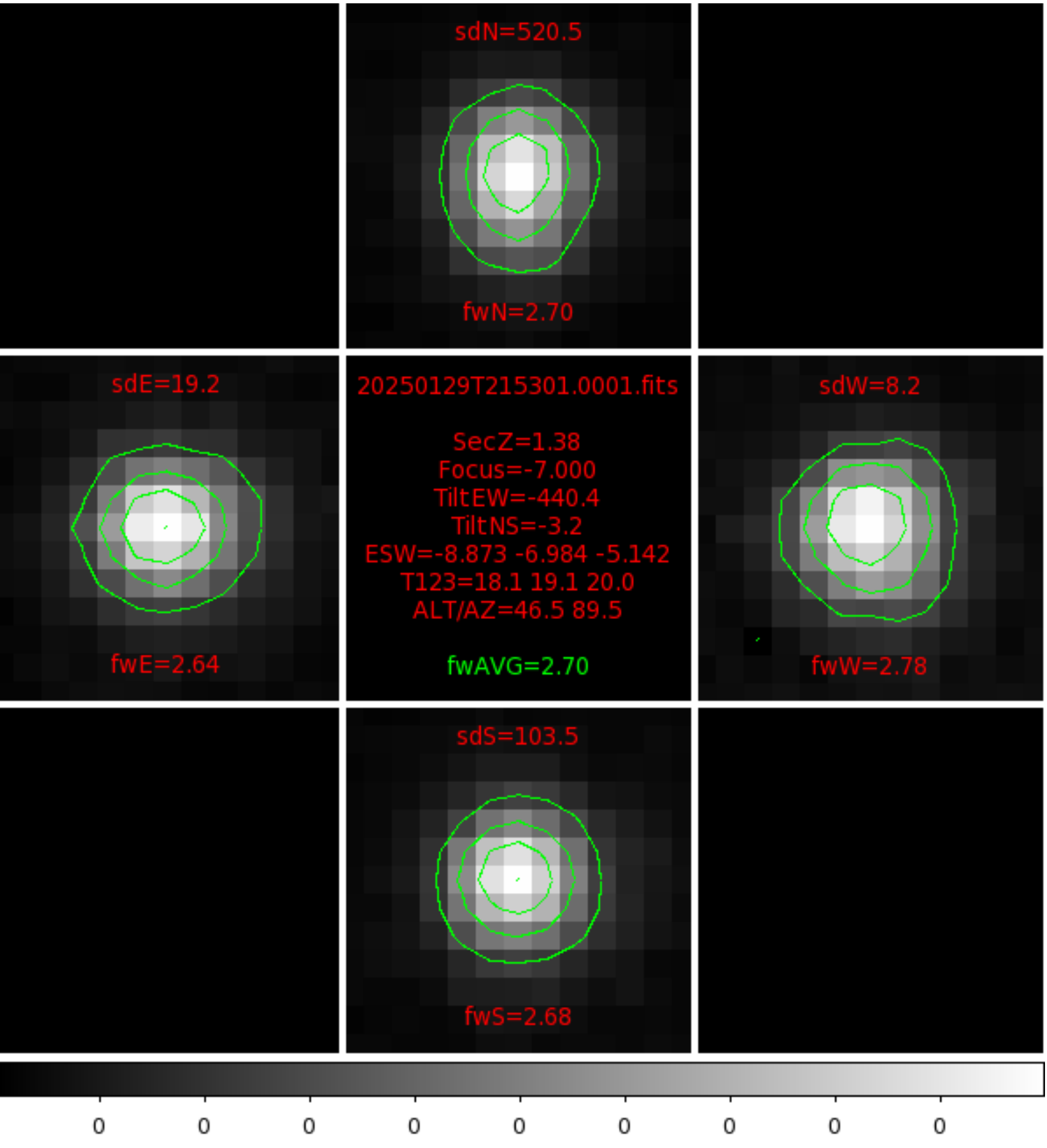
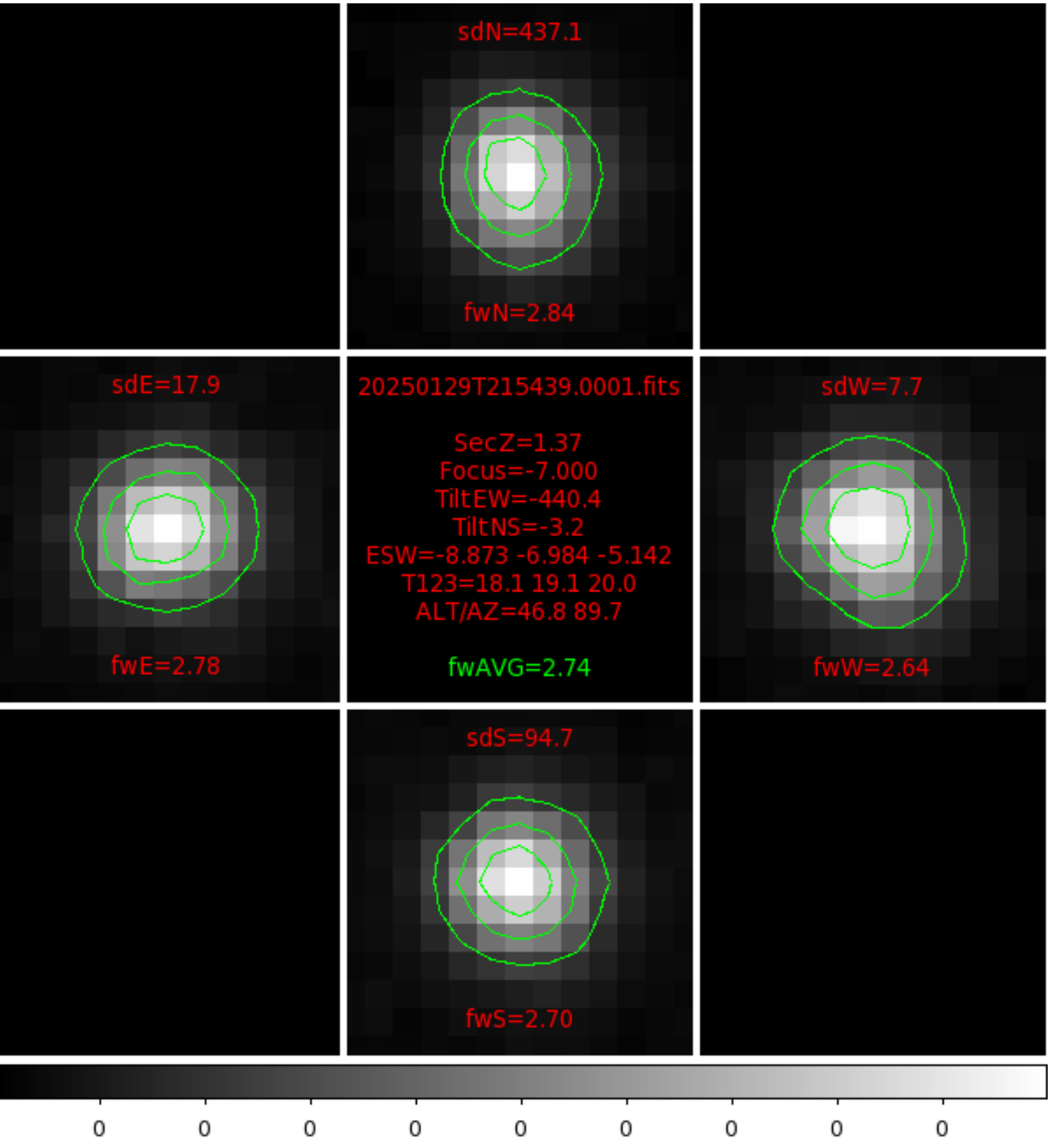

sdN=397.1
fwN=2.49
sdE=98.5
fwE=2.30
20250129T214813.0001.fits
SecZ=1.41
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.2 19.2 20.1
ALT/AZ=45.1 11.3
fwAVG=2.49
sdW=204.9
fwW=2.67
sdS=117.0
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=374.5
fwN=2.32
sdE=116.2
fwE=2.15
20250129T214951.0001.fits
SecZ=1.41
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.2 19.1 20.1
ALT/AZ=45.2 11.2
fwAVG=2.36
sdW=206.4
fwW=2.67
sdS=131.5
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=701.1
fwN=2.19
sdE=294.5
fwE=2.07
20250129T215023.0001.fits
SecZ=1.41
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.2 19.1 20.1
ALT/AZ=45.2 11.1
fwAVG=2.27
sdW=736.5
fwW=2.57
sdS=373.0
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=615.3
fwN=2.22
sdE=240.2
fwE=2.14
20250129T215230.0001.fits
SecZ=1.38
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.1 19.1 20.1
ALT/AZ=46.4 89.4
fwAVG=2.30
sdW=714.9
fwW=2.49
sdS=321.2
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=520.5
fwN=2.70
sdE=19.2
fwE=2.64
20250129T215301.0001.fits
SecZ=1.38
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.1 19.1 20.0
ALT/AZ=46.5 89.5
fwAVG=2.70
sdW=8.2
fwW=2.78
sdS=103.5
fwS=2.68
0 0 0 0 0 0 0 0 0


sdN=437.1
fwN=2.84
sdE=17.9
fwE=2.78
20250129T215439.0001.fits
SecZ=1.37
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.1 19.1 20.0
ALT/AZ=46.8 89.7
fwAVG=2.74
sdW=7.7
fwW=2.64
sdS=94.7
fwS=2.70
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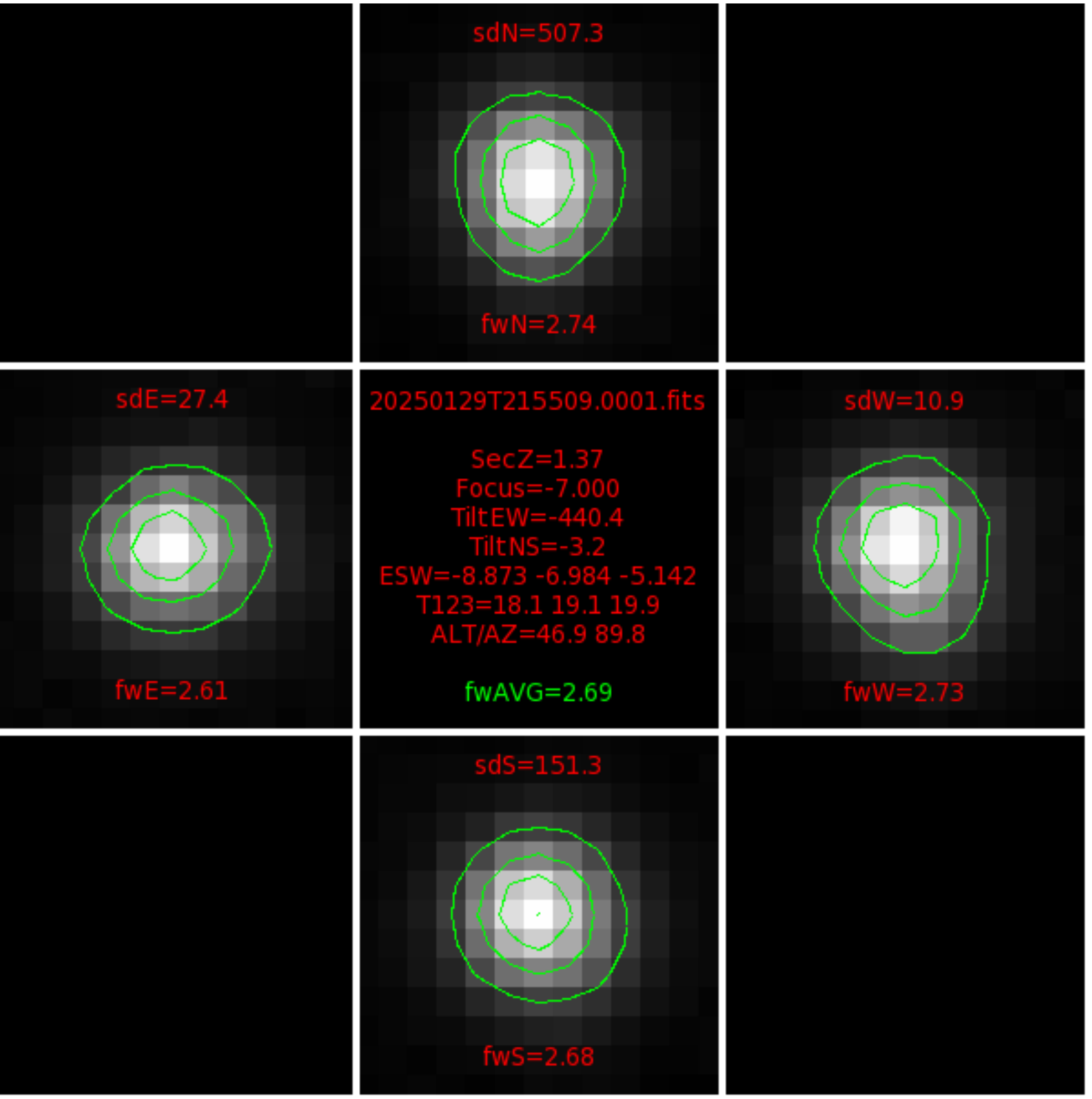
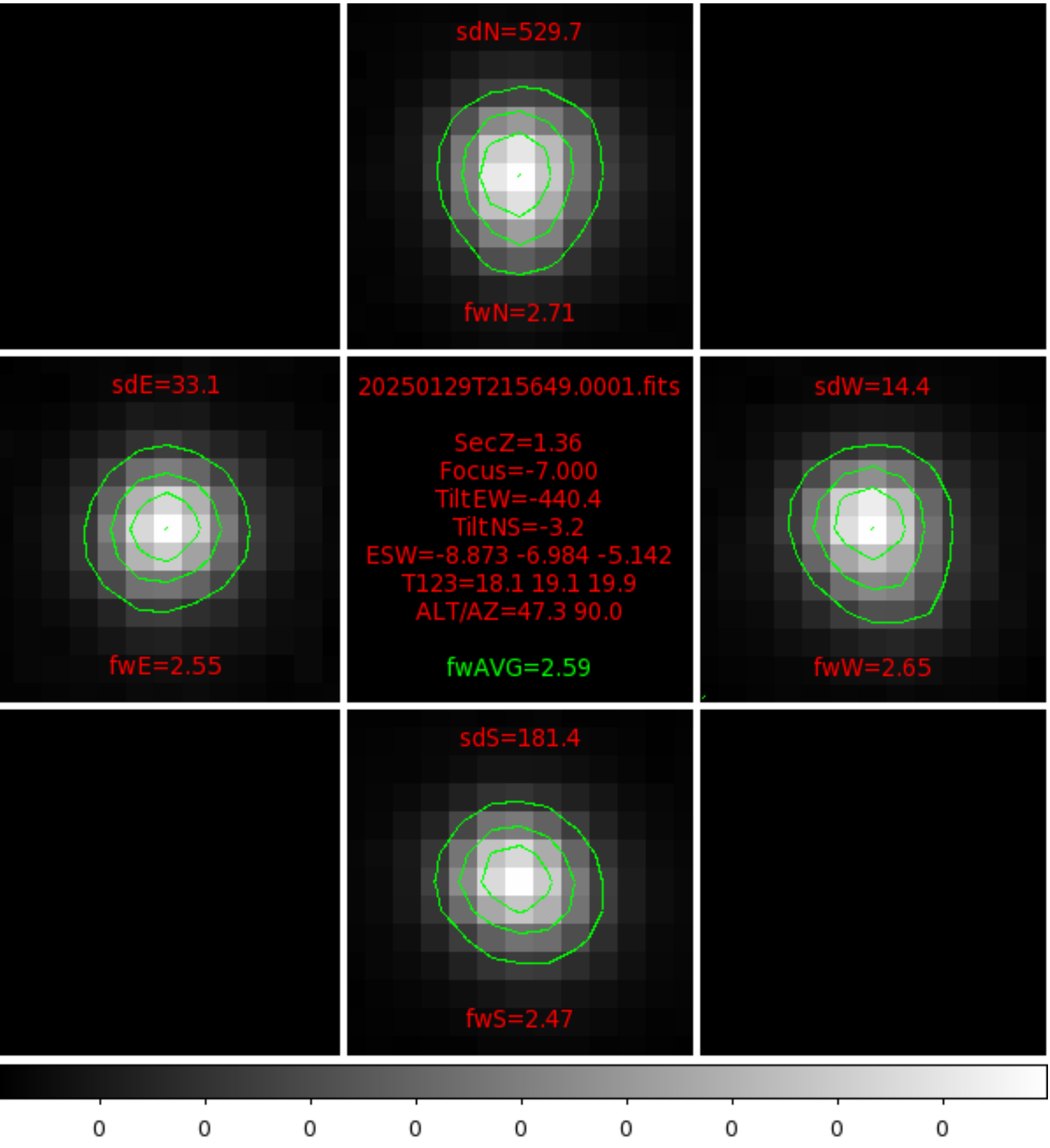
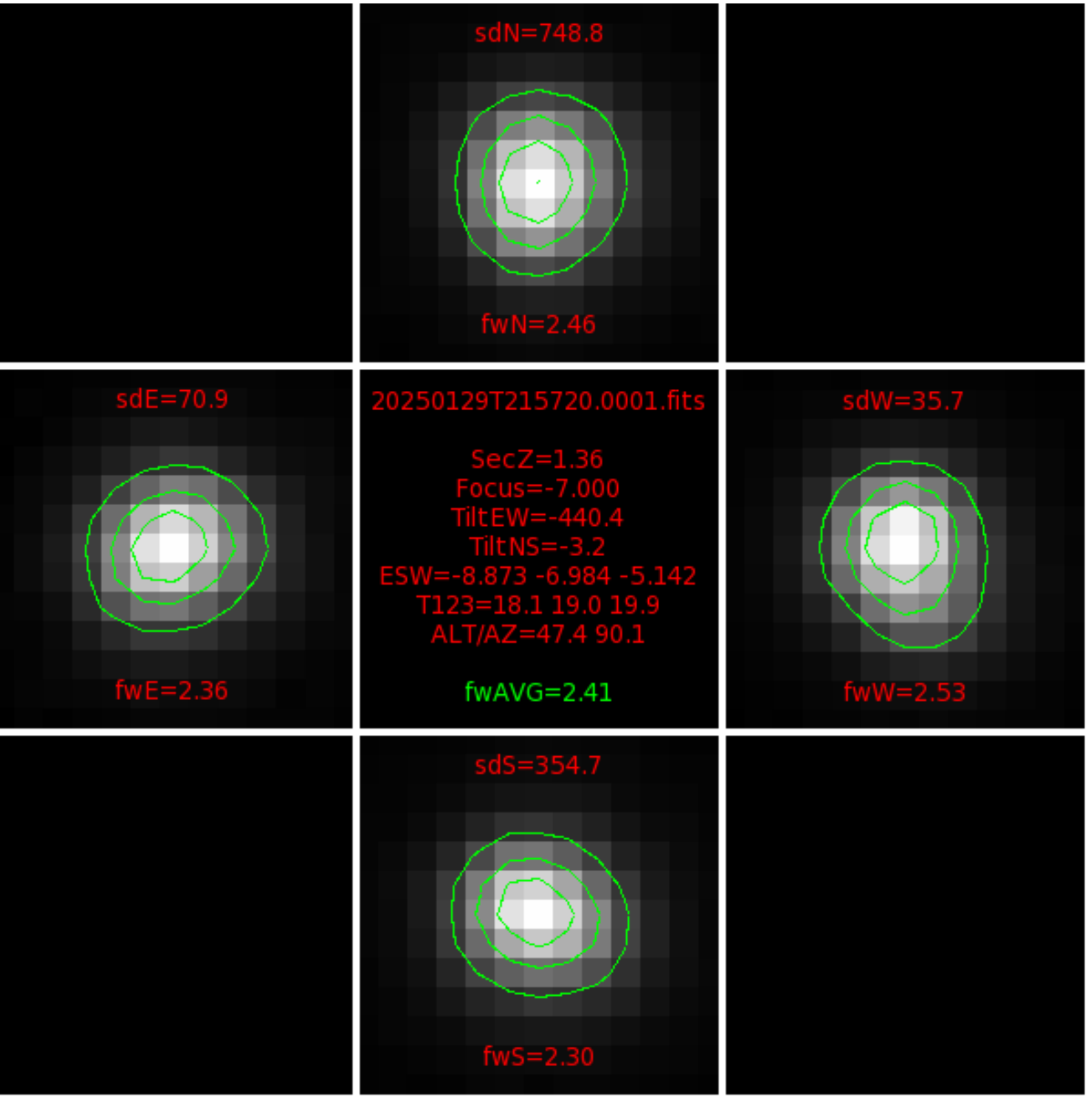
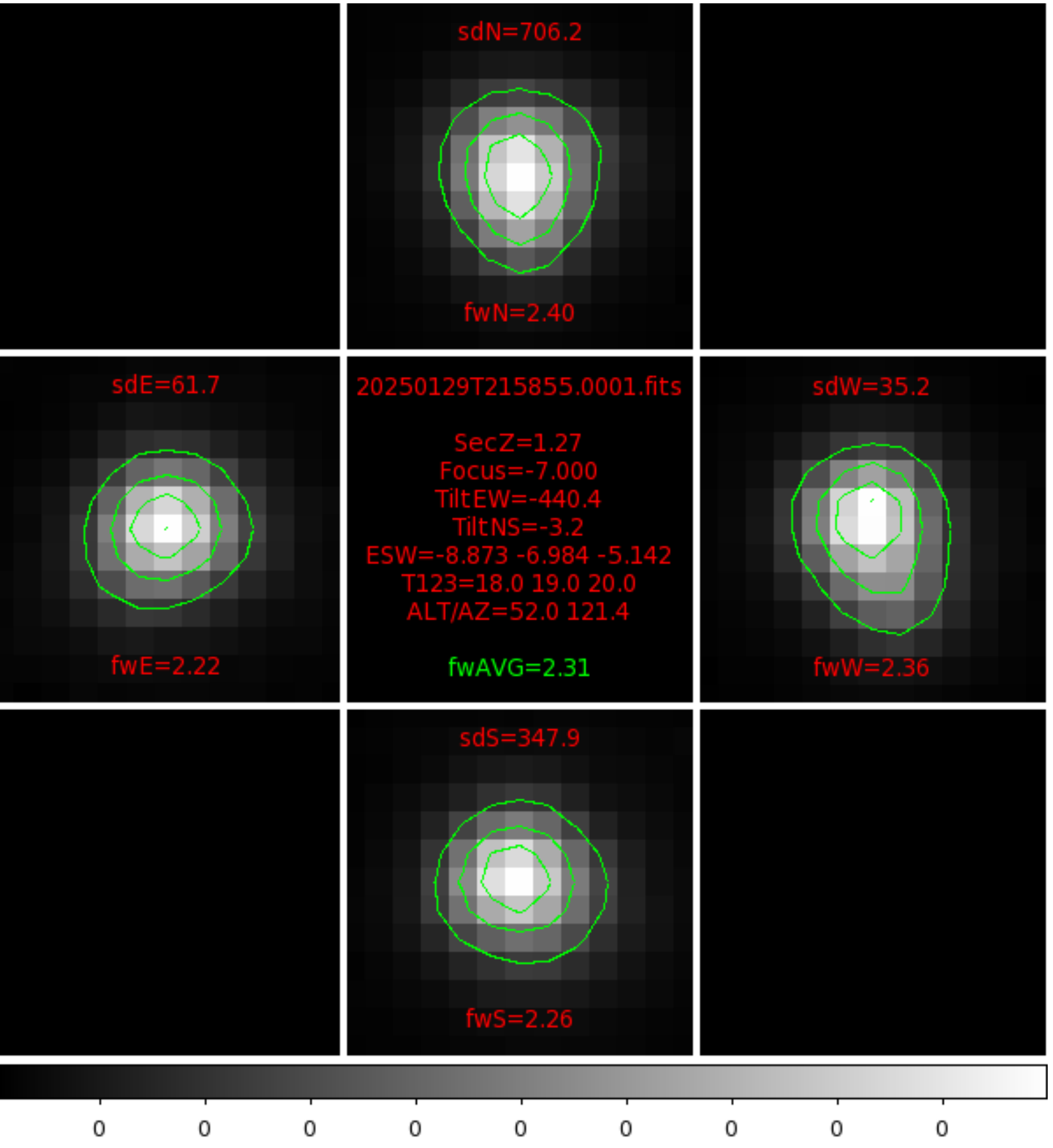
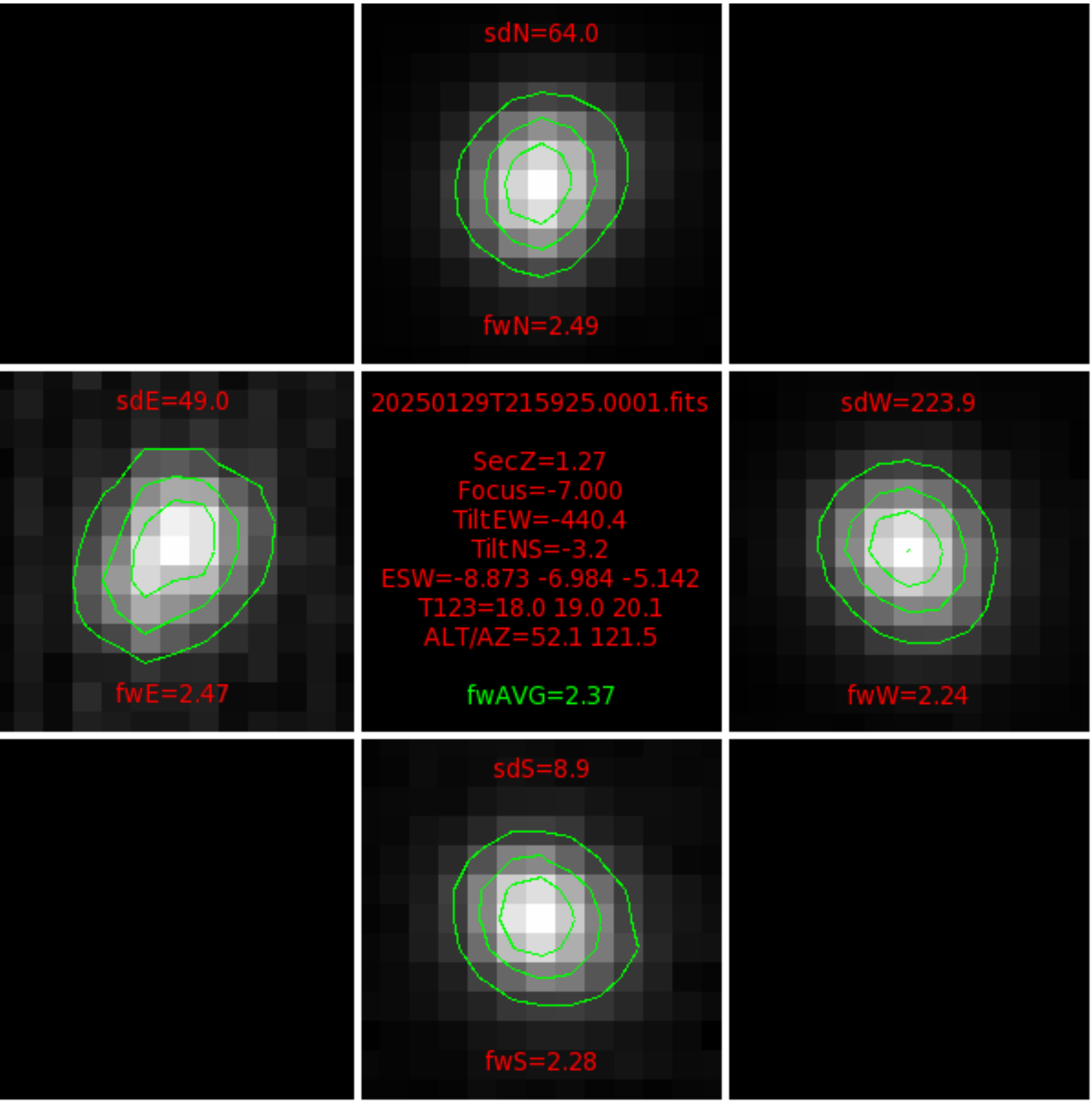
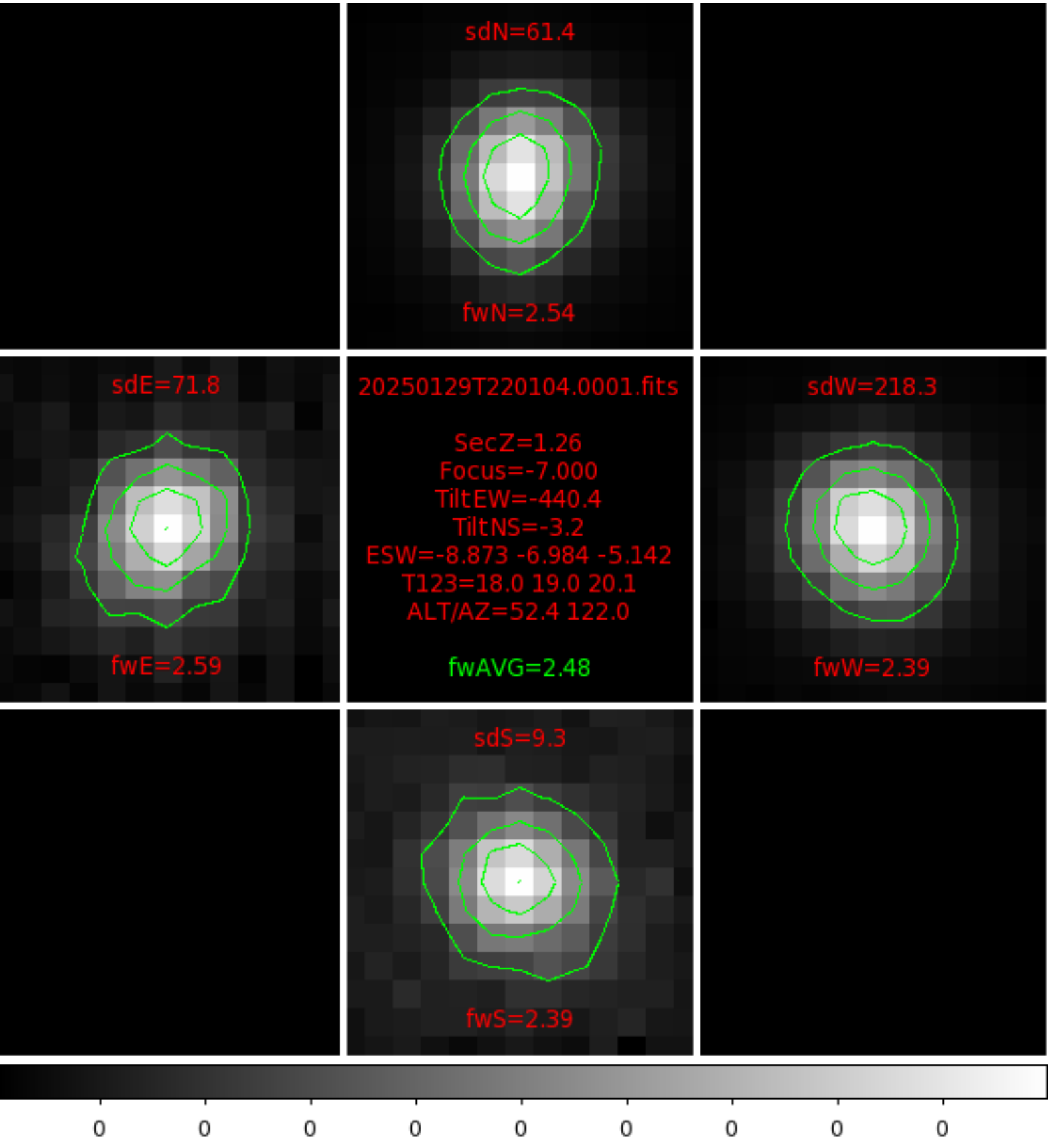

sdN=507.3
fwN=2.74
sdE=27.4
fwE=2.61
20250129T215509.0001.fits
SecZ=1.37
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.1 19.1 19.9
ALT/AZ=46.9 89.8
fwAVG=2.69
sdW=10.9
fwW=2.73
sdS=151.3
fwS=2.68
0 0 0 0 0 0 0 0 0

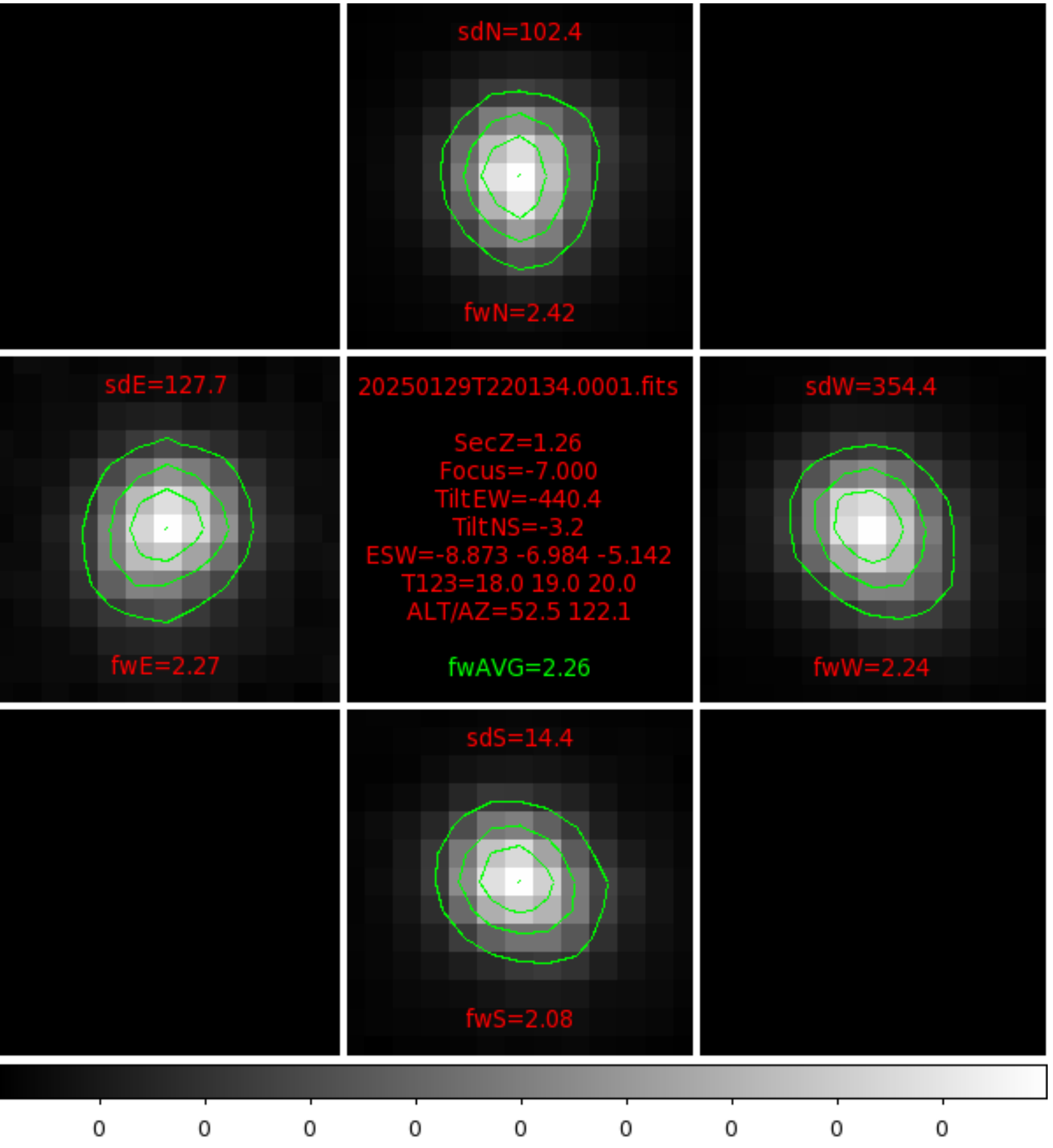

sdN=529.7
fwN=2.71
sdE=33.1
fwE=2.55
20250129T215649.0001.fits
SecZ=1.36
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.1 19.1 19.9
ALT/AZ=47.3 90.0
fwAVG=2.59
sdW=14.4
fwW=2.65
sdS=181.4
fwS=2.47
0 0 0 0 0 0 0 0 0

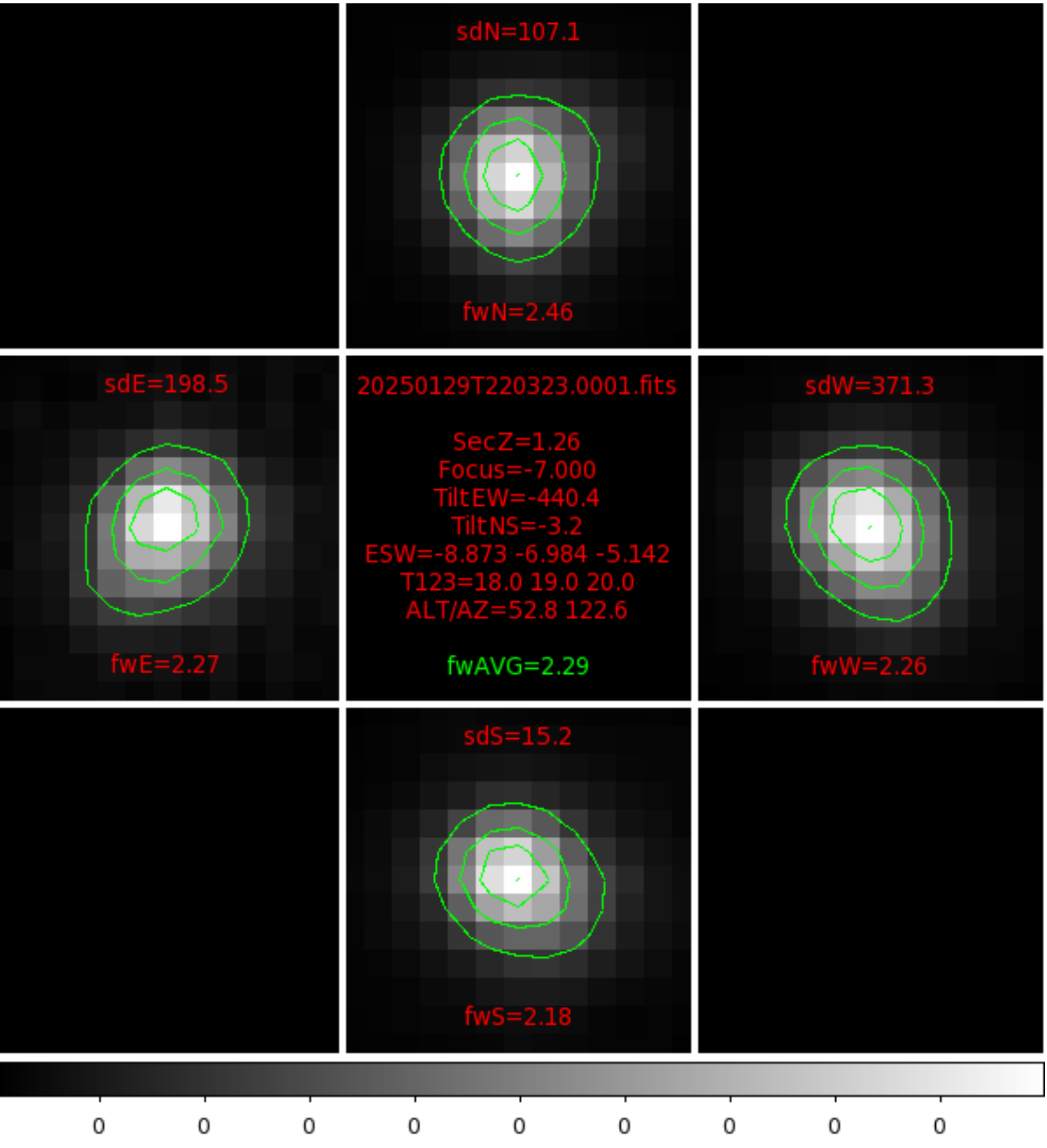

sdN=748.8
fwN=2.46
sdE=70.9
fwE=2.36
20250129T215720.0001.fits
SecZ=1.36
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.1 19.0 19.9
ALT/AZ=47.4 90.1
fwAVG=2.41
sdW=35.7
fwW=2.53
sdS=354.7
fwS=2.30
0 0 0 0 0 0 0 0 0

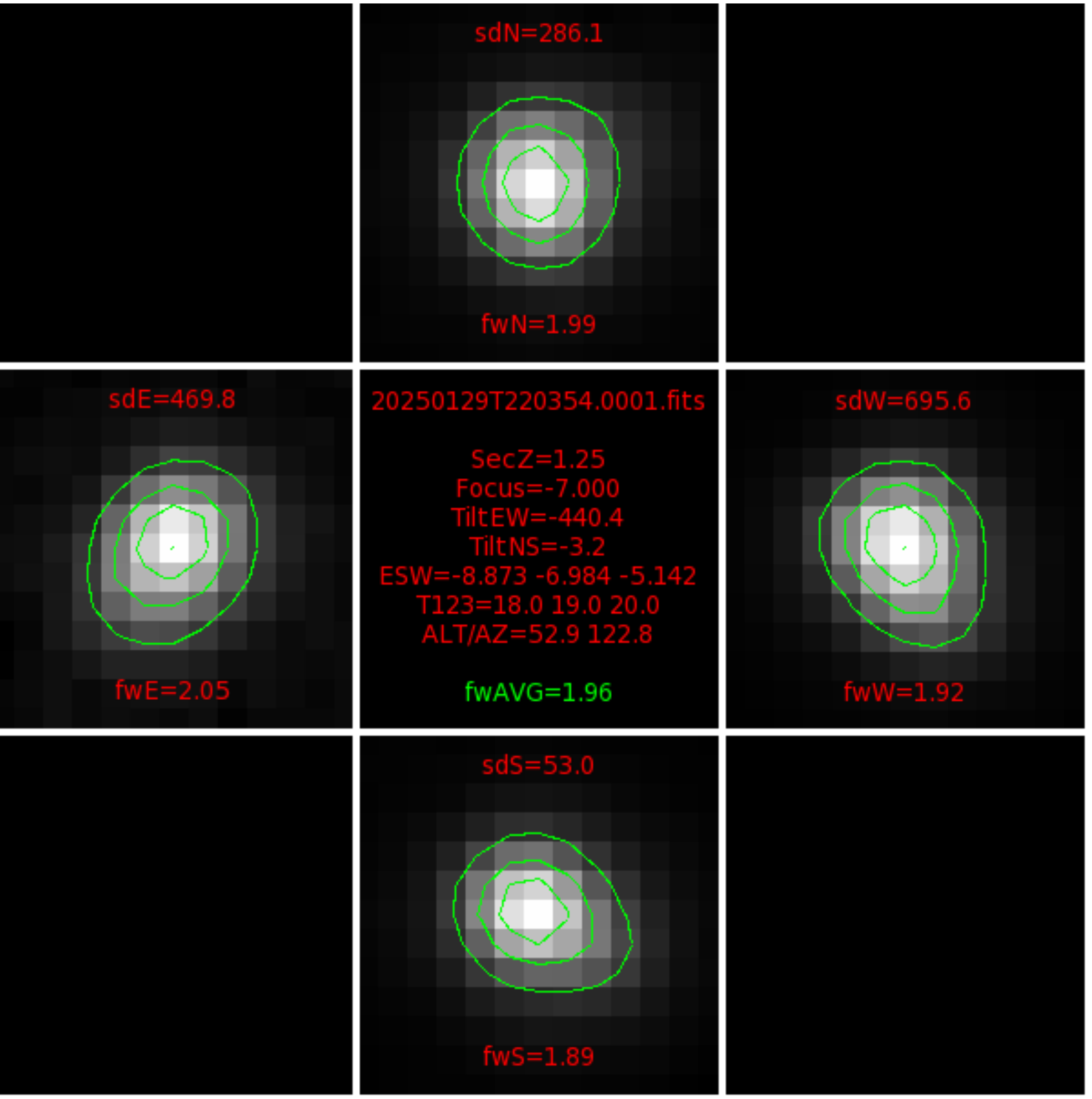

sdN=706.2
fwN=2.40
sdE=61.7
fwE=2.22
20250129T215855.0001.fits
SecZ=1.27
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.0 19.0 20.0
ALT/AZ=52.0 121.4
fwAVG=2.31
sdW=35.2
fwW=2.36
sdS=347.9
fwS=2.26
0 0 0 0 0 0 0 0 0

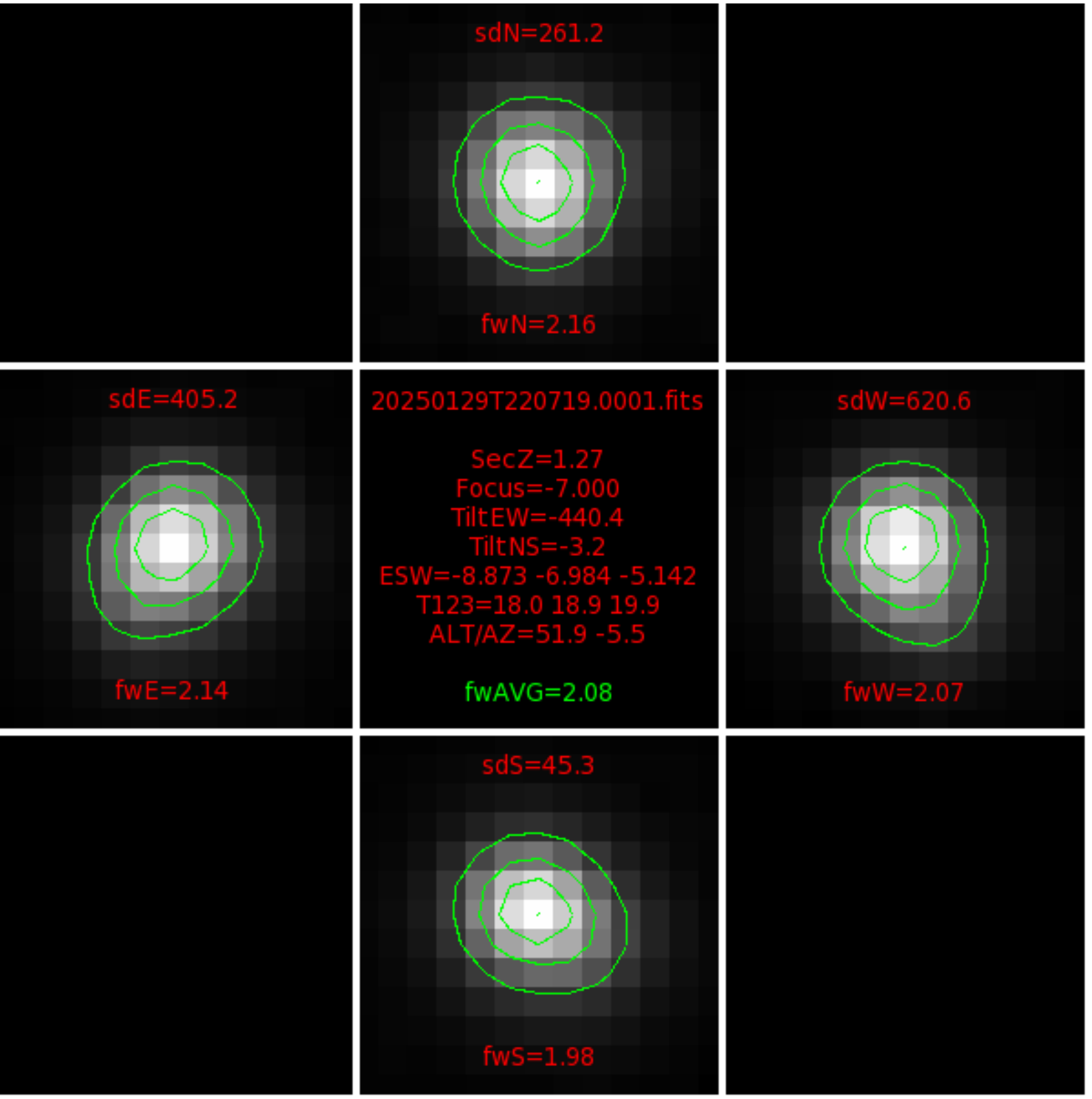

sdN=64.0
fwN=2.49
sdE=49.0
fwE=2.47
20250129T215925.0001.fits
SecZ=1.27
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.0 19.0 20.1
ALT/AZ=52.1 121.5
fwAVG=2.37
sdW=223.9
fwW=2.24
sdS=8.9
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=61.4
fwN=2.54
sdE=71.8
fwE=2.59
20250129T220104.0001.fits
SecZ=1.26
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.0 19.0 20.1
ALT/AZ=52.4 122.0
fwAVG=2.48
sdW=218.3
fwW=2.39
sdS=9.3
fwS=2.39
0 0 0 0 0 0 0 0 0


sdN=102.4
fwN=2.42
sdE=127.7
fwE=2.27
20250129T220134.0001.fits
SecZ=1.26
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.0 19.0 20.0
ALT/AZ=52.5 122.1
fwAVG=2.26
sdW=354.4
fwW=2.24
sdS=14.4
fwS=2.08
0 0 0 0 0 0 0 0 0


sdN=107.1
fwN=2.46
sdE=198.5
fwE=2.27
20250129T220323.0001.fits
SecZ=1.26
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.0 19.0 20.0
ALT/AZ=52.8 122.6
fwAVG=2.29
sdW=371.3
fwW=2.26
sdS=15.2
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=286.1
fwN=1.99
sdE=469.8
fwE=2.05
20250129T220354.0001.fits
SecZ=1.25
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.0 19.0 20.0
ALT/AZ=52.9 122.8
fwAVG=1.96
sdW=695.6
fwW=1.92
sdS=53.0
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=261.2
fwN=2.16
sdE=405.2
fwE=2.14
20250129T220719.0001.fits
SecZ=1.27
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.0 18.9 19.9
ALT/AZ=51.9 -5.5
fwAVG=2.08
sdW=620.6
fwW=2.07
sdS=45.3
fwS=1.98
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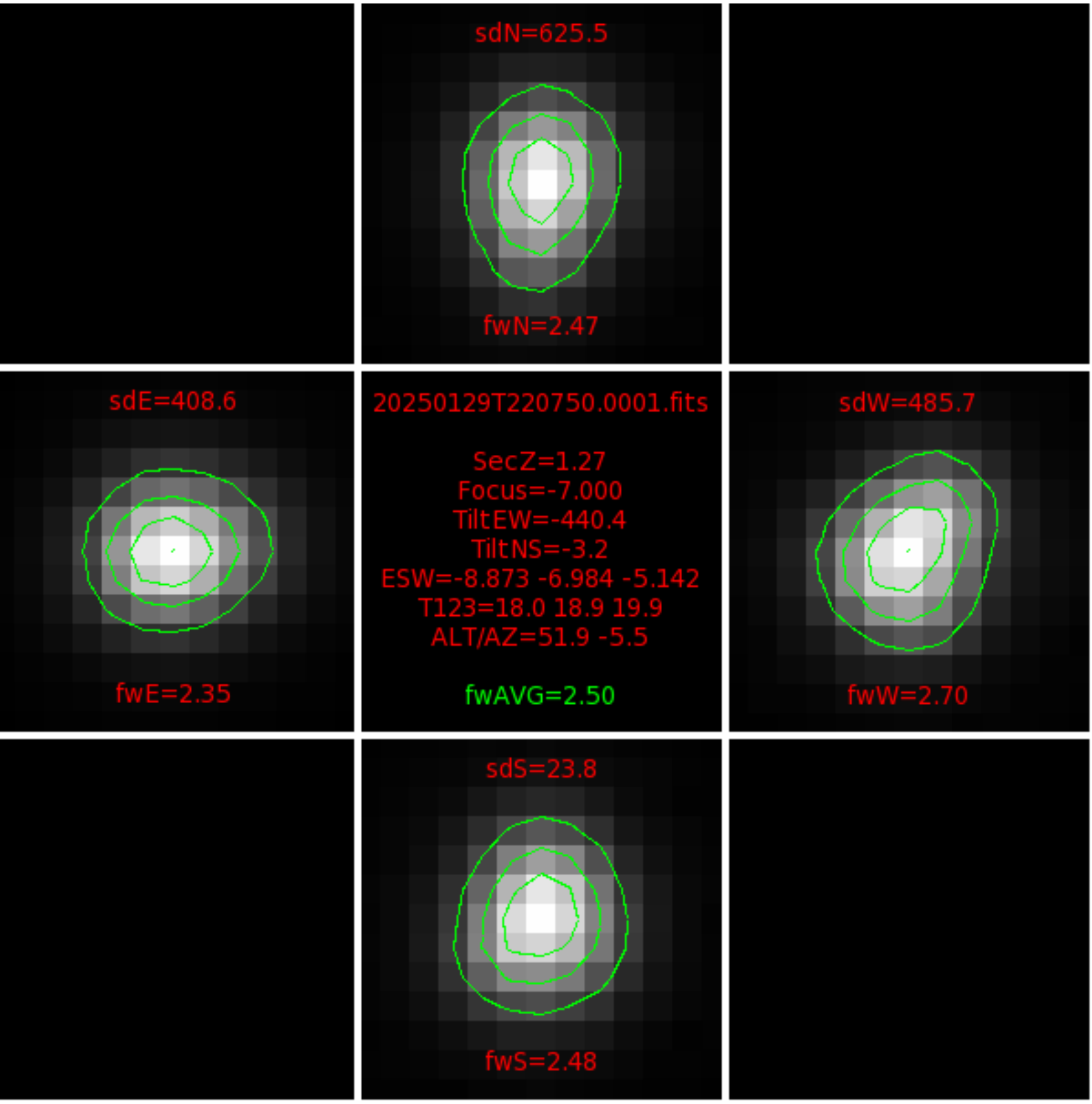
sdN=625.5
fwN=2.47
sdE=408.6
fwE=2.35
20250129T220750.0001.fits
SecZ=1.27
Focus=-7.000
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.873 -6.984 -5.142
T123=18.0 18.9 19.9
ALT/AZ=51.9 -5.5
fwAVG=2.50
sdW=485.7
fwW=2.70
sdS=23.8
fwS=2.48
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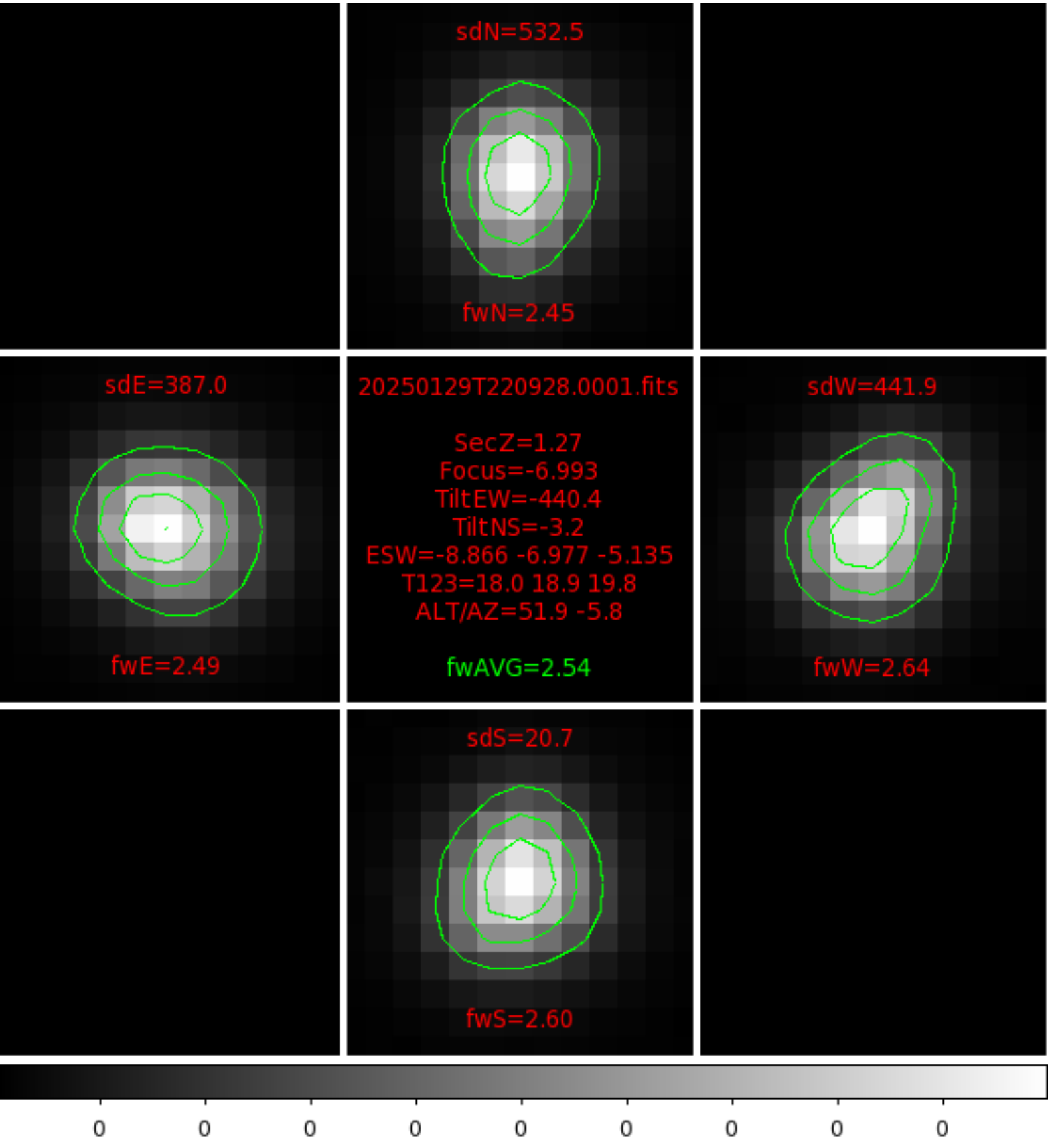
sdN=532.5
fwN=2.45
sdE=387.0
fwE=2.49
20250129T220928.0001.fits
SecZ=1.27
Focus=-6.993
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.866 -6.977 -5.135
T123=18.0 18.9 19.8
ALT/AZ=51.9 -5.8
fwAVG=2.54
sdW=441.9
fwW=2.64
sdS=20.7
fwS=2.60
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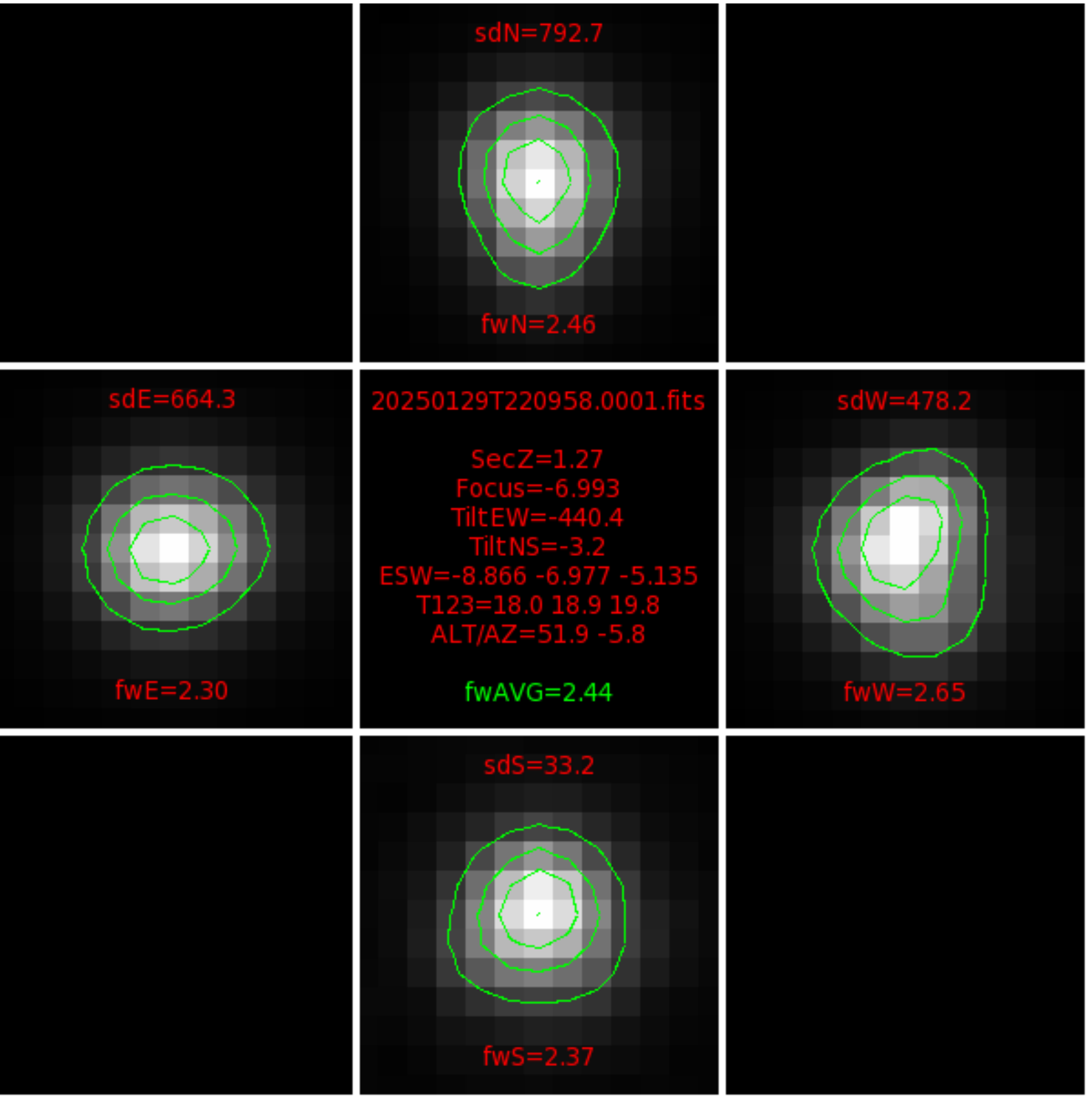
sdN=792.7
fwN=2.46
sdE=664.3
fwE=2.30
20250129T220958.0001.fits
SecZ=1.27
Focus=-6.993
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.866 -6.977 -5.135
T123=18.0 18.9 19.8
ALT/AZ=51.9 -5.8
fwAVG=2.44
sdW=478.2
fwW=2.65
sdS=33.2
fwS=2.37
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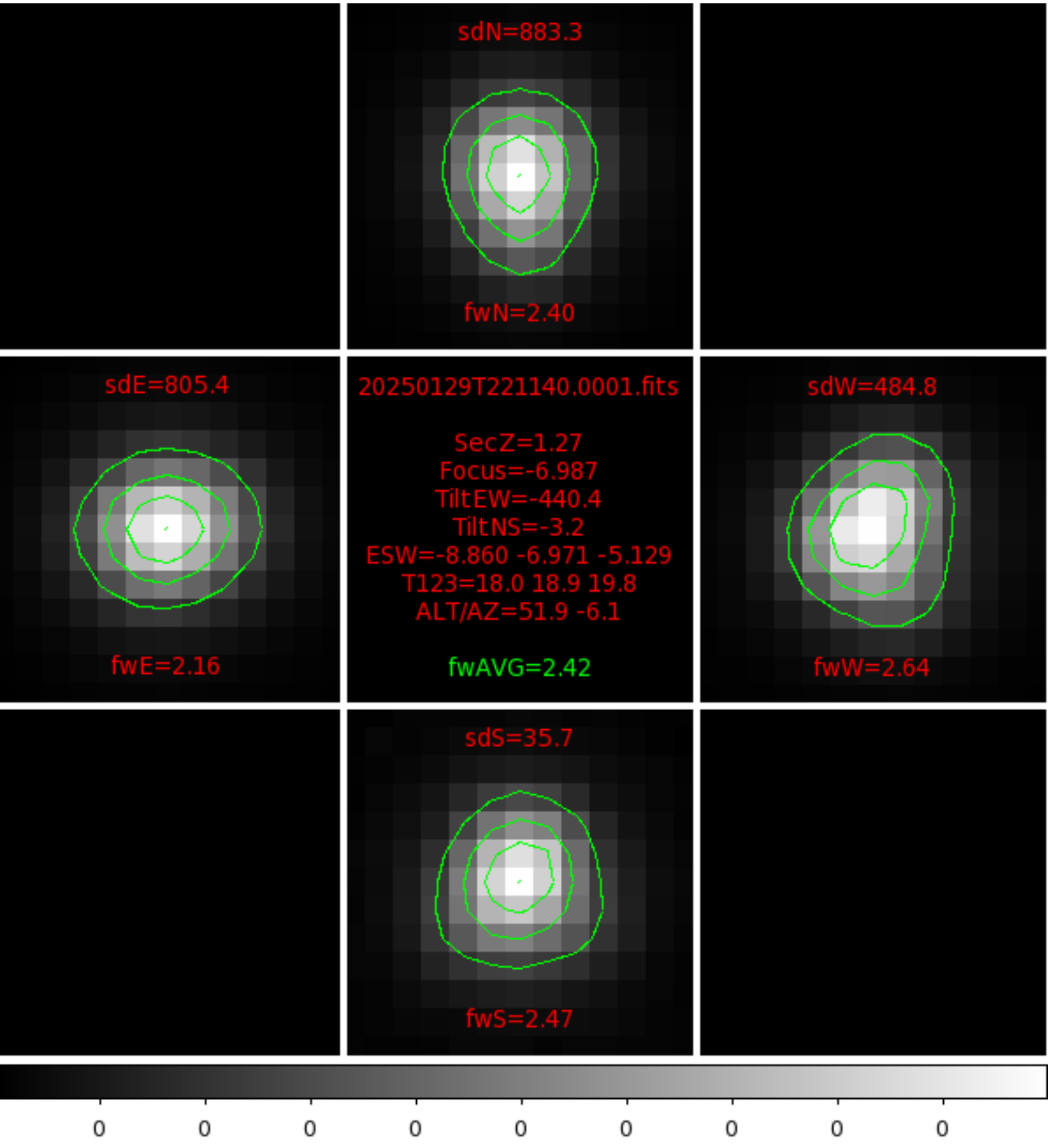
sdN=883.3
fwN=2.40
sdE=805.4
fwE=2.16
20250129T221140.0001.fits
SecZ=1.27
Focus=-6.987
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.860 -6.971 -5.129
T123=18.0 18.9 19.8
ALT/AZ=51.9 -6.1
fwAVG=2.42
sdW=484.8
fwW=2.64
sdS=35.7
fwS=2.47
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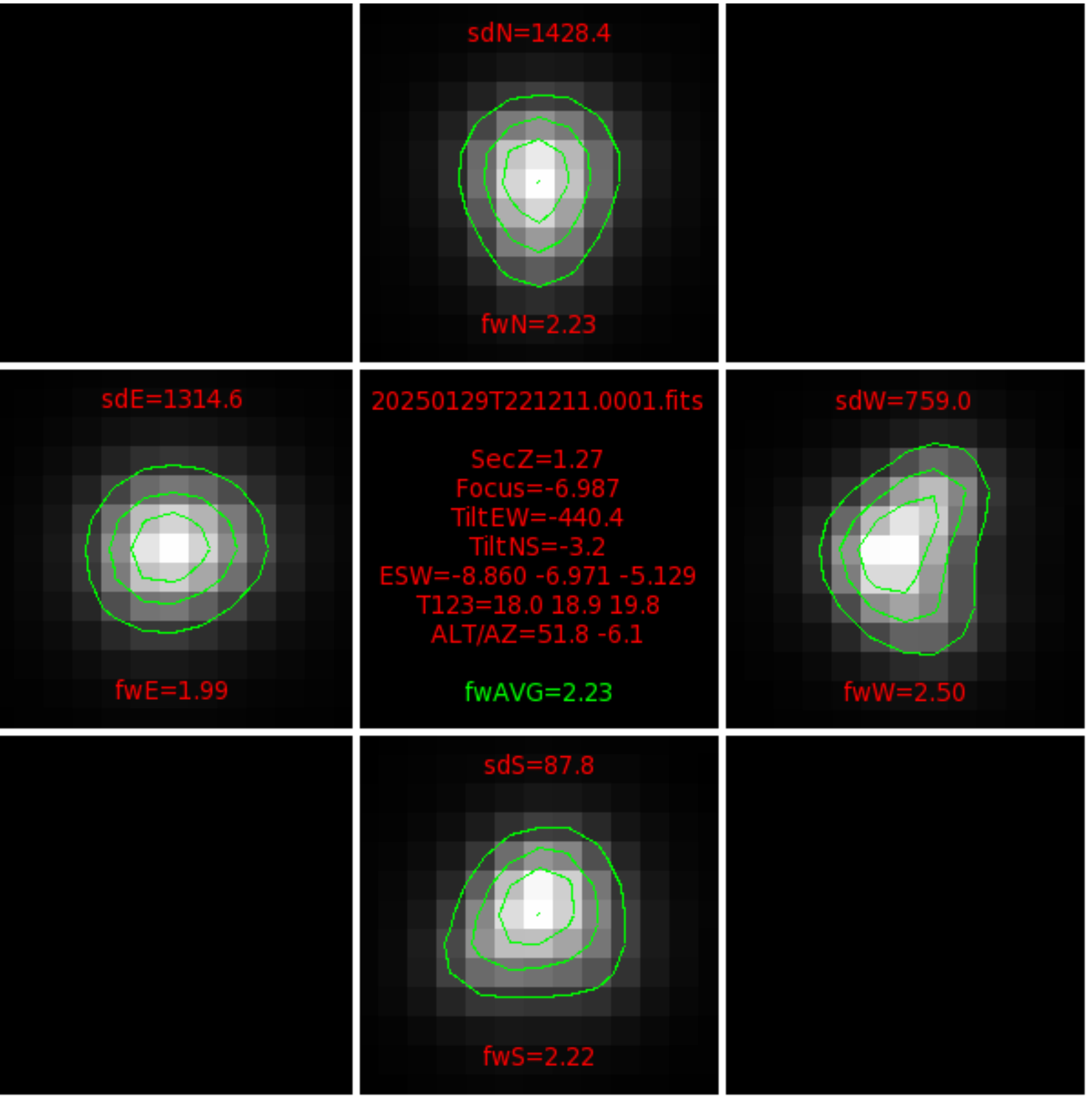
sdN=1428.4
fwN=2.23
sdE=1314.6
fwE=1.99
20250129T221211.0001.fits
SecZ=1.27
Focus=-6.987
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.860 -6.971 -5.129
T123=18.0 18.9 19.8
ALT/AZ=51.8 -6.1
fwAVG=2.23
sdW=759.0
fwW=2.50
sdS=87.8
fwS=2.22
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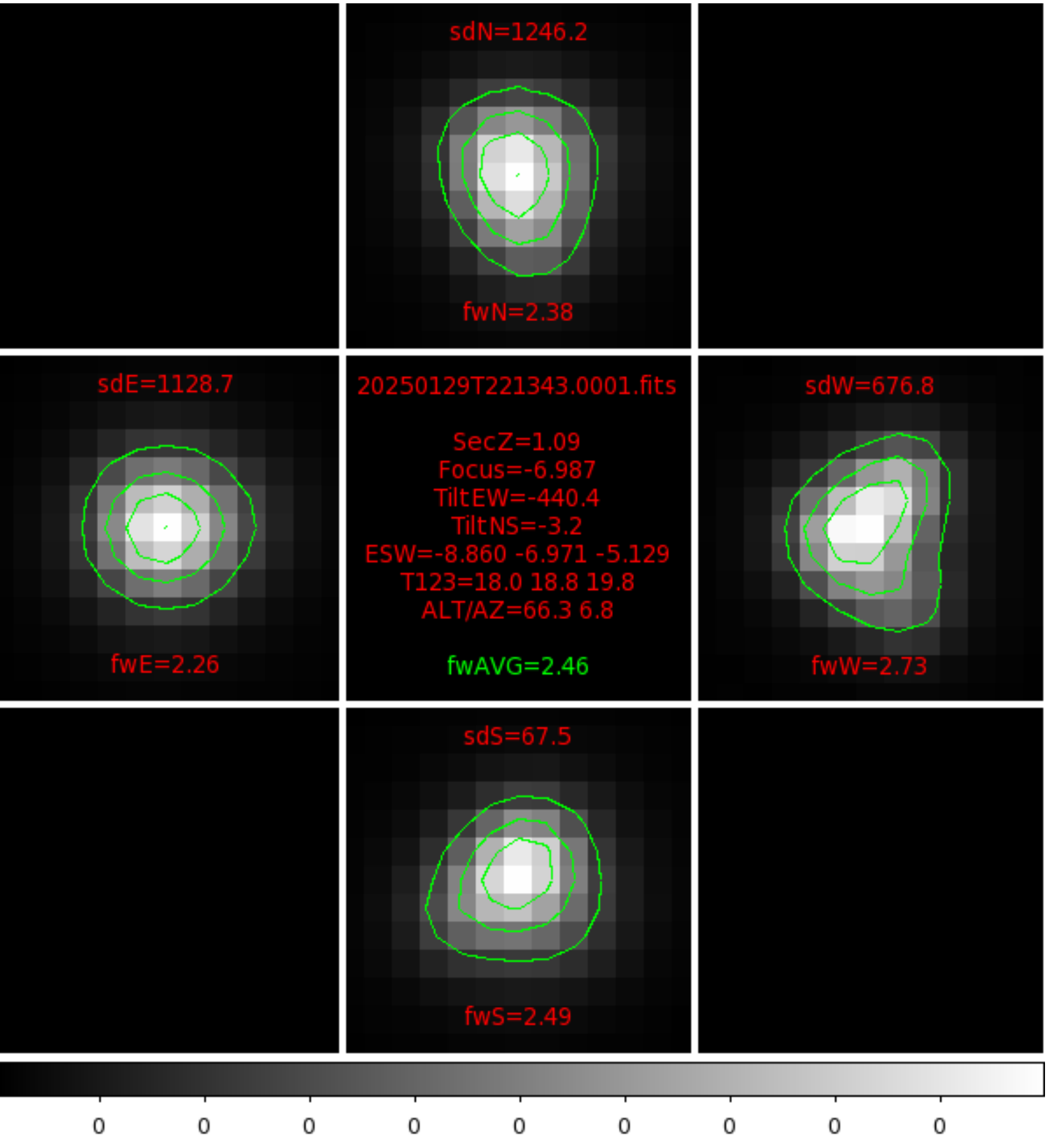
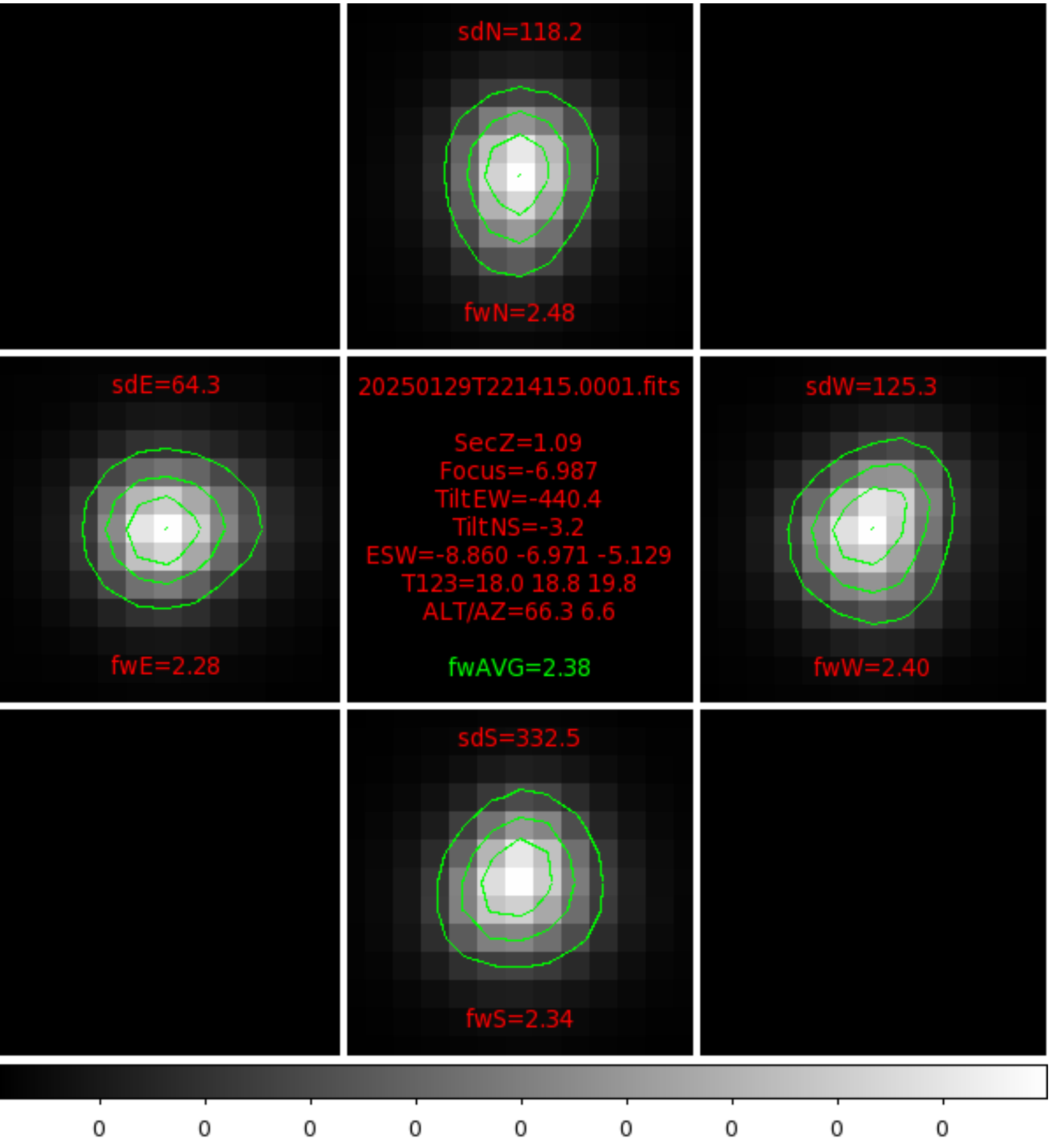

sdN=1246.2
fwN=2.38
sdE=1128.7
fwE=2.26
20250129T221343.0001.fits
SecZ=1.09
Focus=-6.987
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.860 -6.971 -5.129
T123=18.0 18.8 19.8
ALT/AZ=66.3 6.8
fwAVG=2.46
sdW=676.8
fwW=2.73
sdS=67.5
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=118.2
fwN=2.48
sdE=64.3
fwE=2.28
20250129T221415.0001.fits
SecZ=1.09
Focus=-6.987
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.860 -6.971 -5.129
T123=18.0 18.8 19.8
ALT/AZ=66.3 6.6
fwAVG=2.38
sdW=125.3
fwW=2.40
sdS=332.5
fwS=2.34
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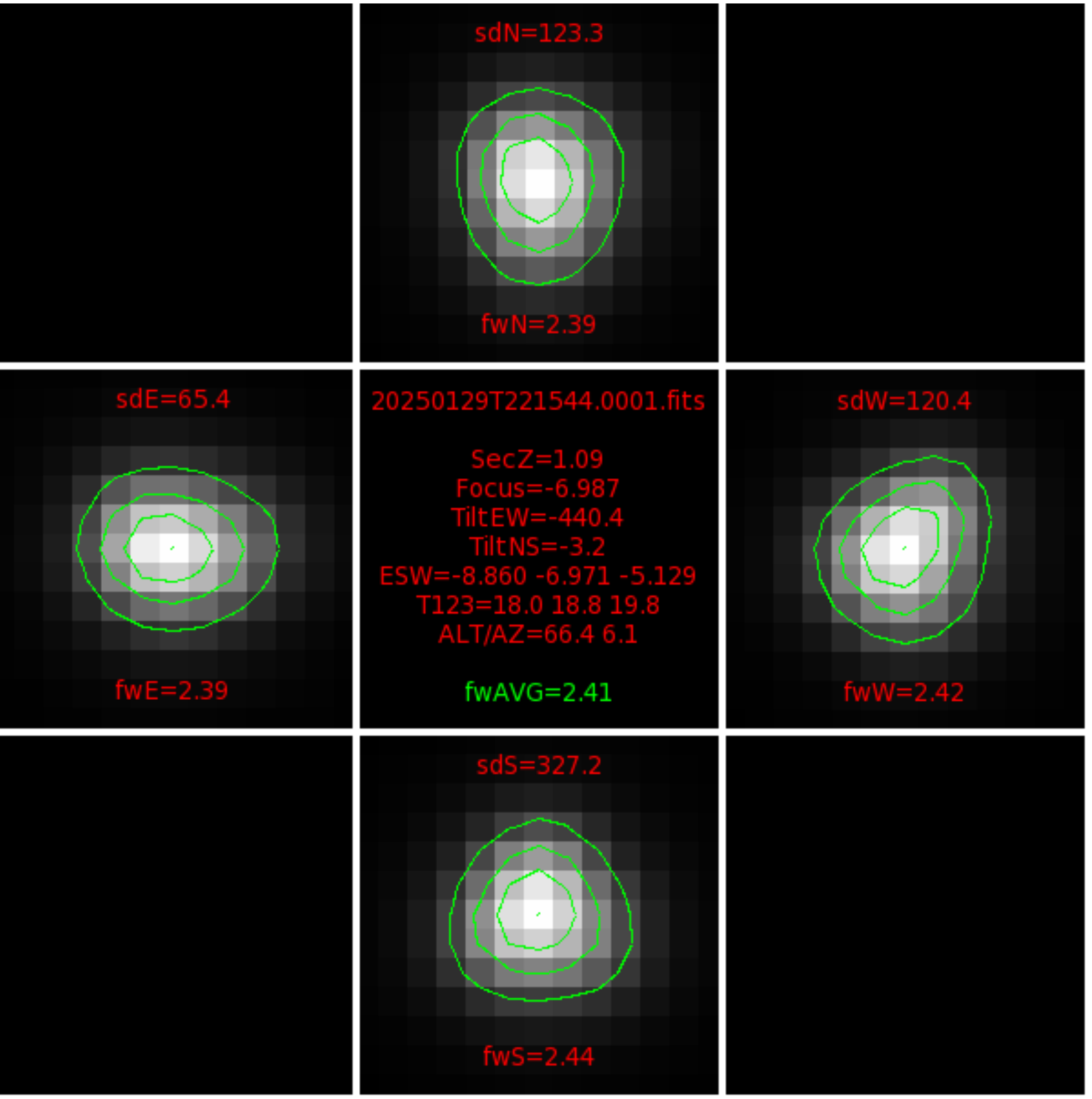
sdN=123.3
fwN=2.39
sdE=65.4
fwE=2.39
20250129T221544.0001.fits
SecZ=1.09
Focus=-6.987
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.860 -6.971 -5.129
T123=18.0 18.8 19.8
ALT/AZ=66.4 6.1
fwAVG=2.41
sdW=120.4
fwW=2.42
sdS=327.2
fwS=2.44
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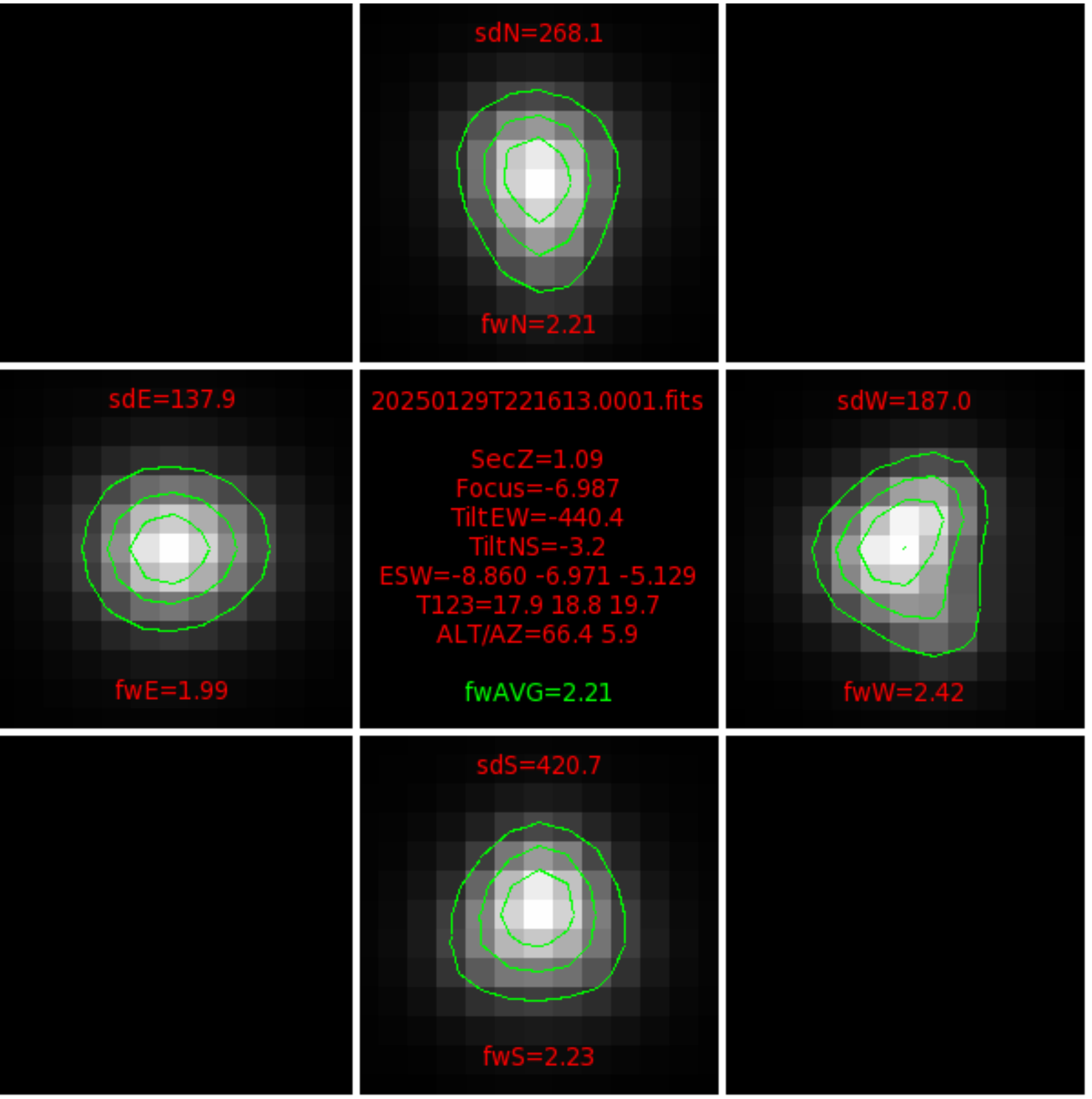
sdN=268.1
fwN=2.21
sdE=137.9
fwE=1.99
20250129T221613.0001.fits
SecZ=1.09
Focus=-6.987
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.860 -6.971 -5.129
T123=17.9 18.8 19.7
ALT/AZ=66.4 5.9
fwAVG=2.21
sdW=187.0
fwW=2.42
sdS=420.7
fwS=2.23
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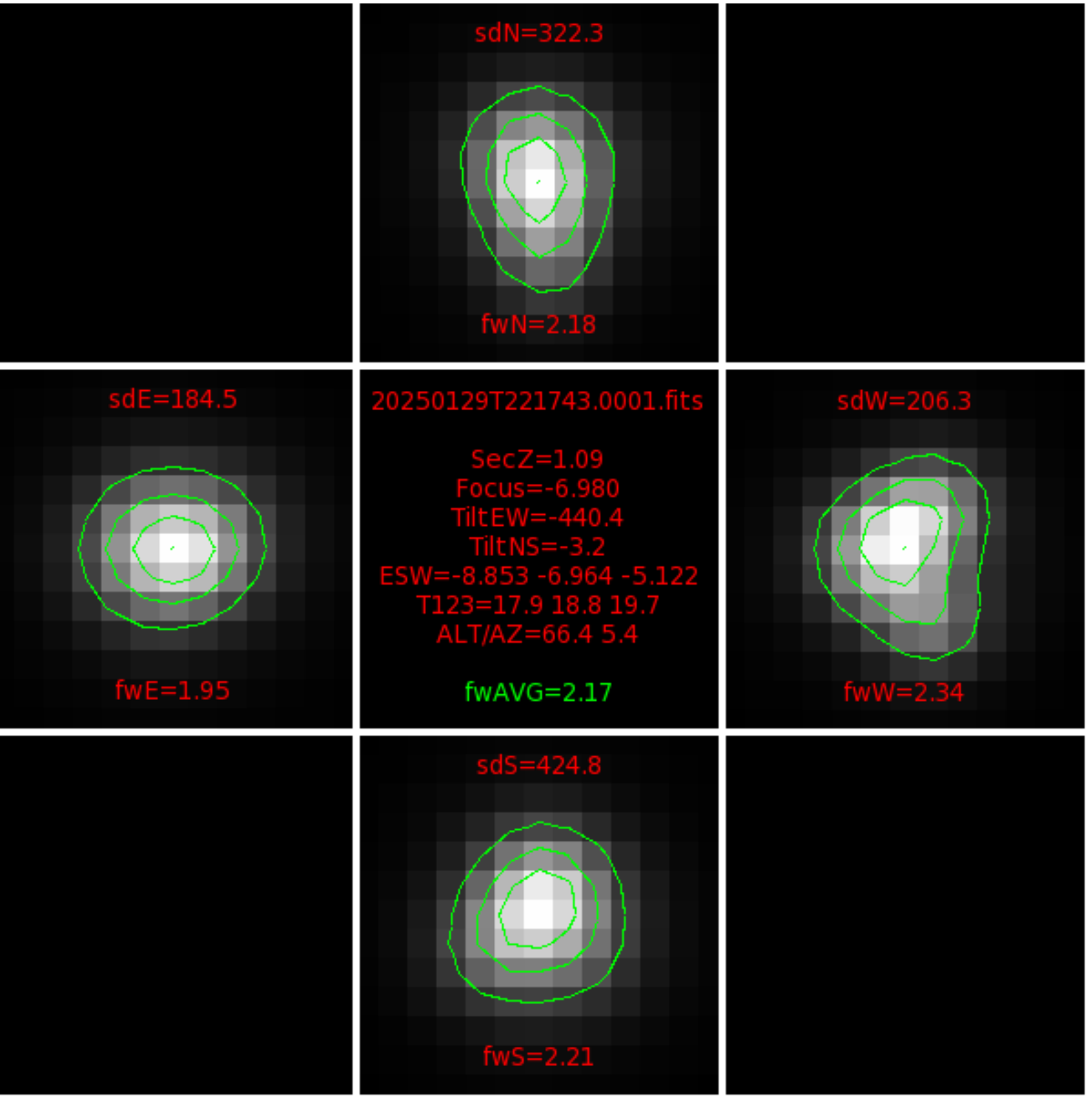
sdN=322.3
fwN=2.18
sdE=184.5
fwE=1.95
20250129T221743.0001.fits
SecZ=1.09
Focus=-6.980
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.853 -6.964 -5.122
T123=17.9 18.8 19.7
ALT/AZ=66.4 5.4
fwAVG=2.17
sdW=206.3
fwW=2.34
sdS=424.8
fwS=2.21
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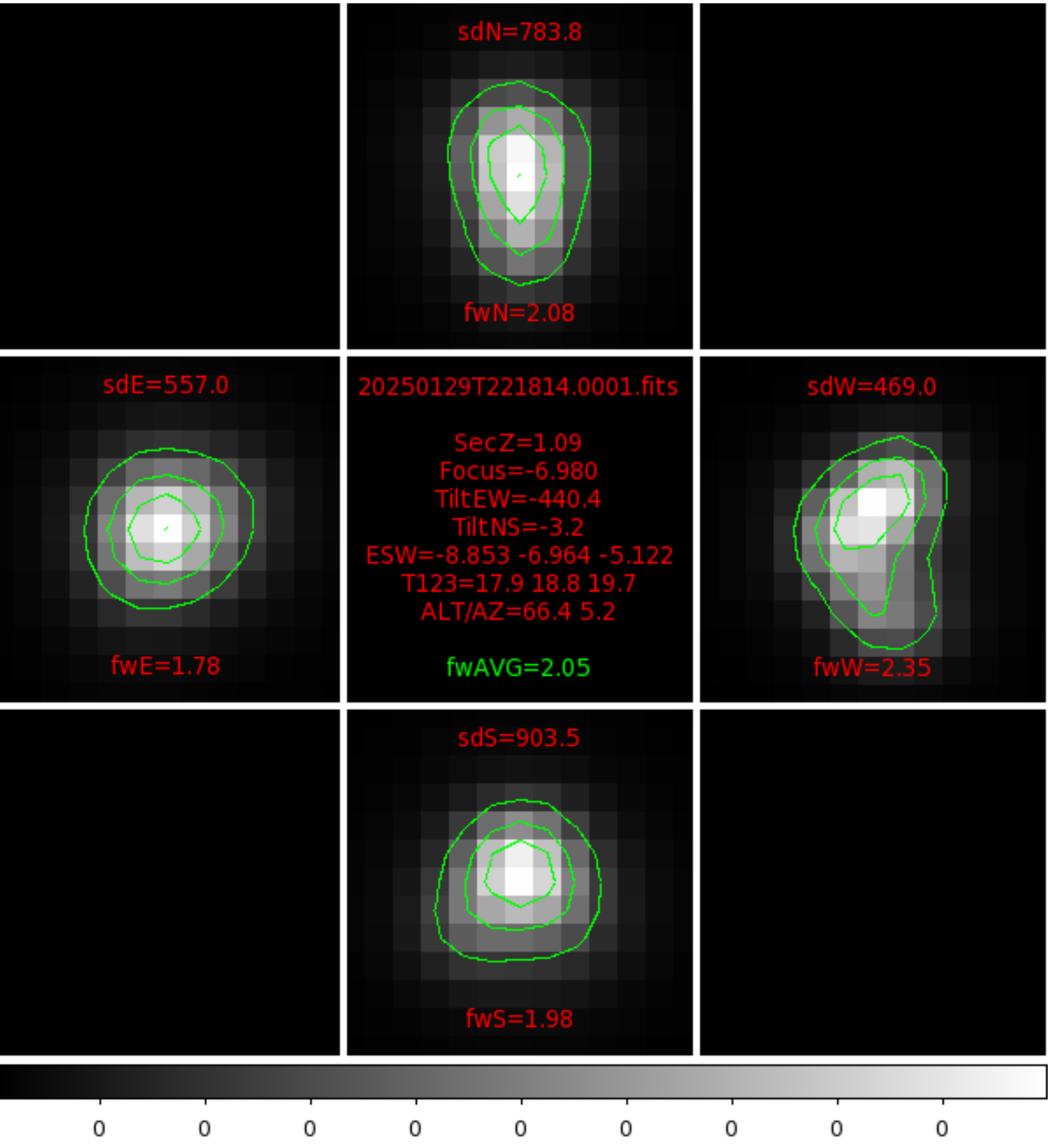
sdN=783.8
fwN=2.08
sdE=557.0
fwE=1.78
20250129T221814.0001.fits
SecZ=1.09
Focus=-6.980
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.853 -6.964 -5.122
T123=17.9 18.8 19.7
ALT/AZ=66.4 5.2
fwAVG=2.05
sdW=469.0
fwW=2.35
sdS=903.5
fwS=1.98
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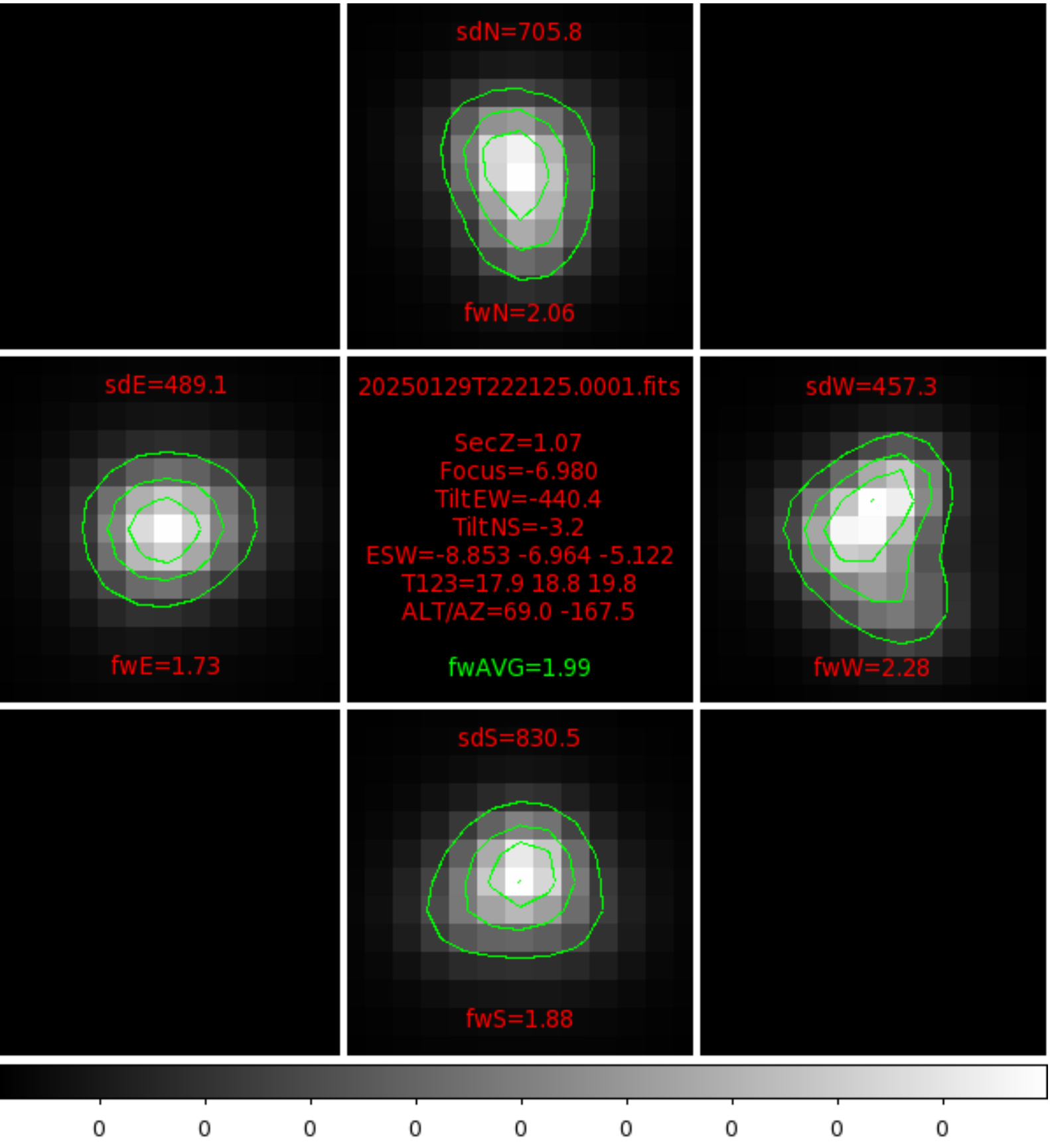
sdN=705.8
fwN=2.06
sdE=489.1
fwE=1.73
20250129T222125.0001.fits
SecZ=1.07
Focus=-6.980
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.853 -6.964 -5.122
T123=17.9 18.8 19.8
ALT/AZ=69.0 -167.5
fwAVG=1.99
sdW=457.3
fwW=2.28
sdS=830.5
fwS=1.88
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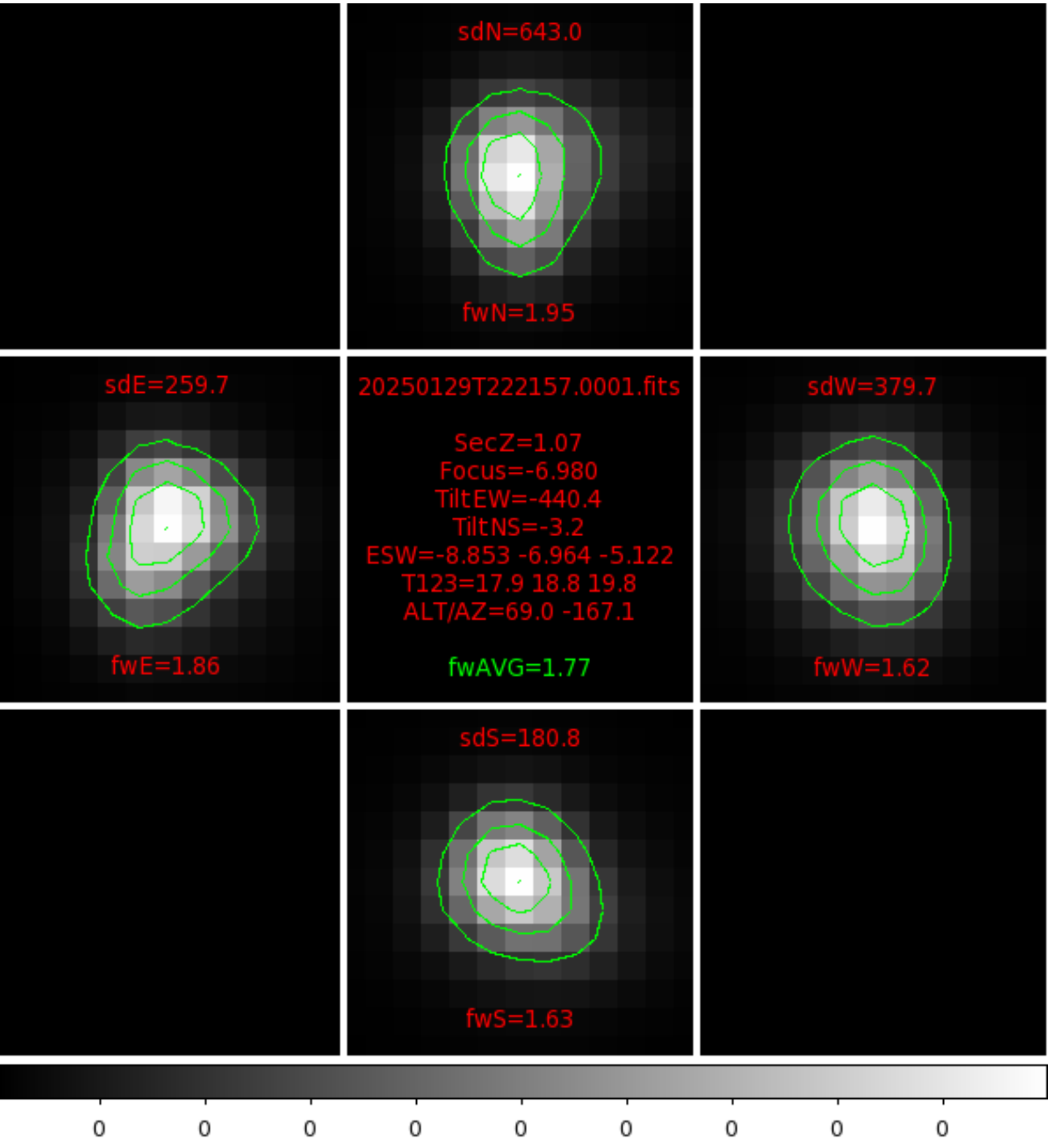
sdN=643.0
fwN=1.95
sdE=259.7
fwE=1.86
20250129T222157.0001.fits
SecZ=1.07
Focus=-6.980
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.853 -6.964 -5.122
T123=17.9 18.8 19.8
ALT/AZ=69.0 -167.1
fwAVG=1.77
sdW=379.7
fwW=1.62
sdS=180.8
fwS=1.63
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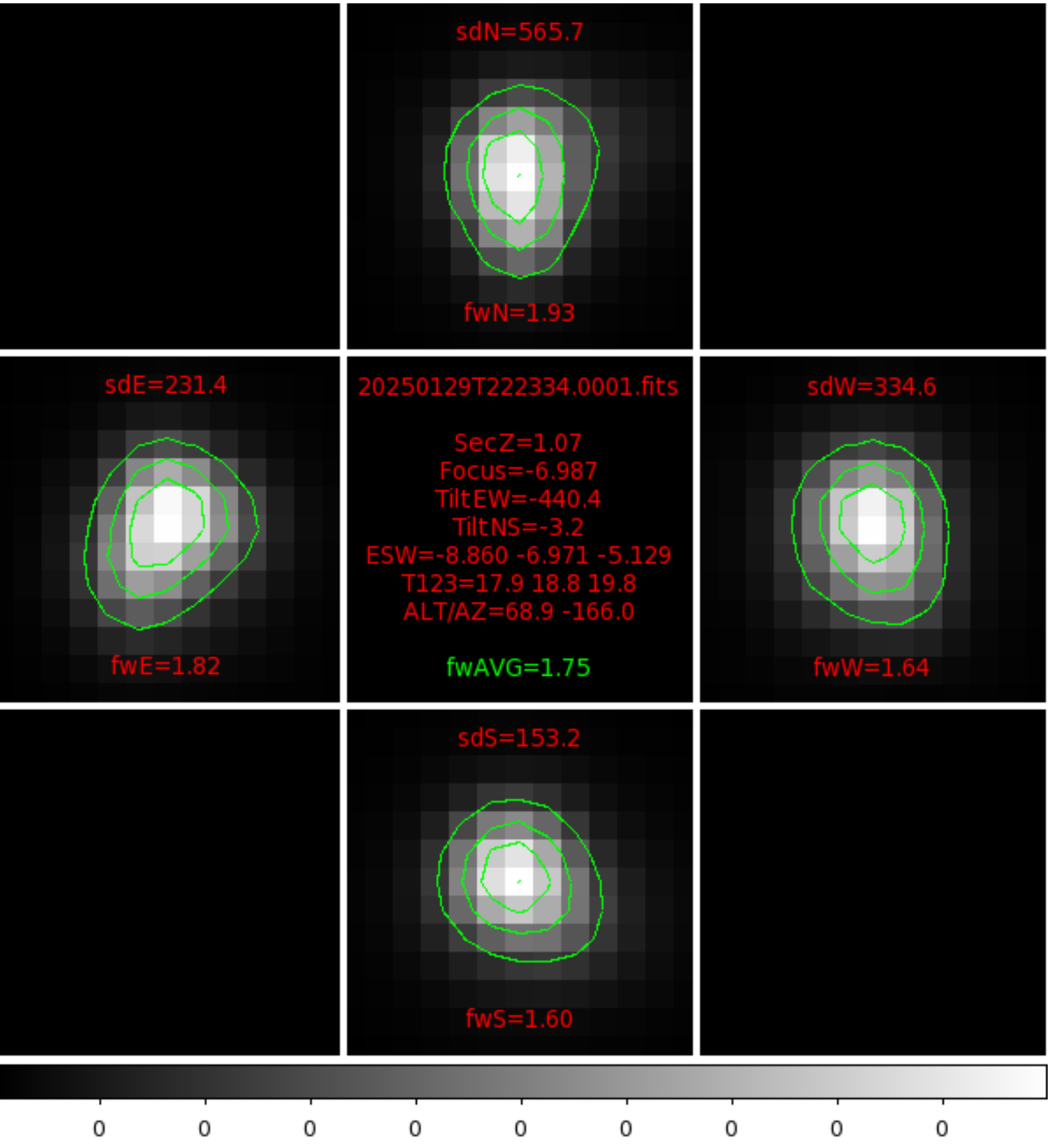
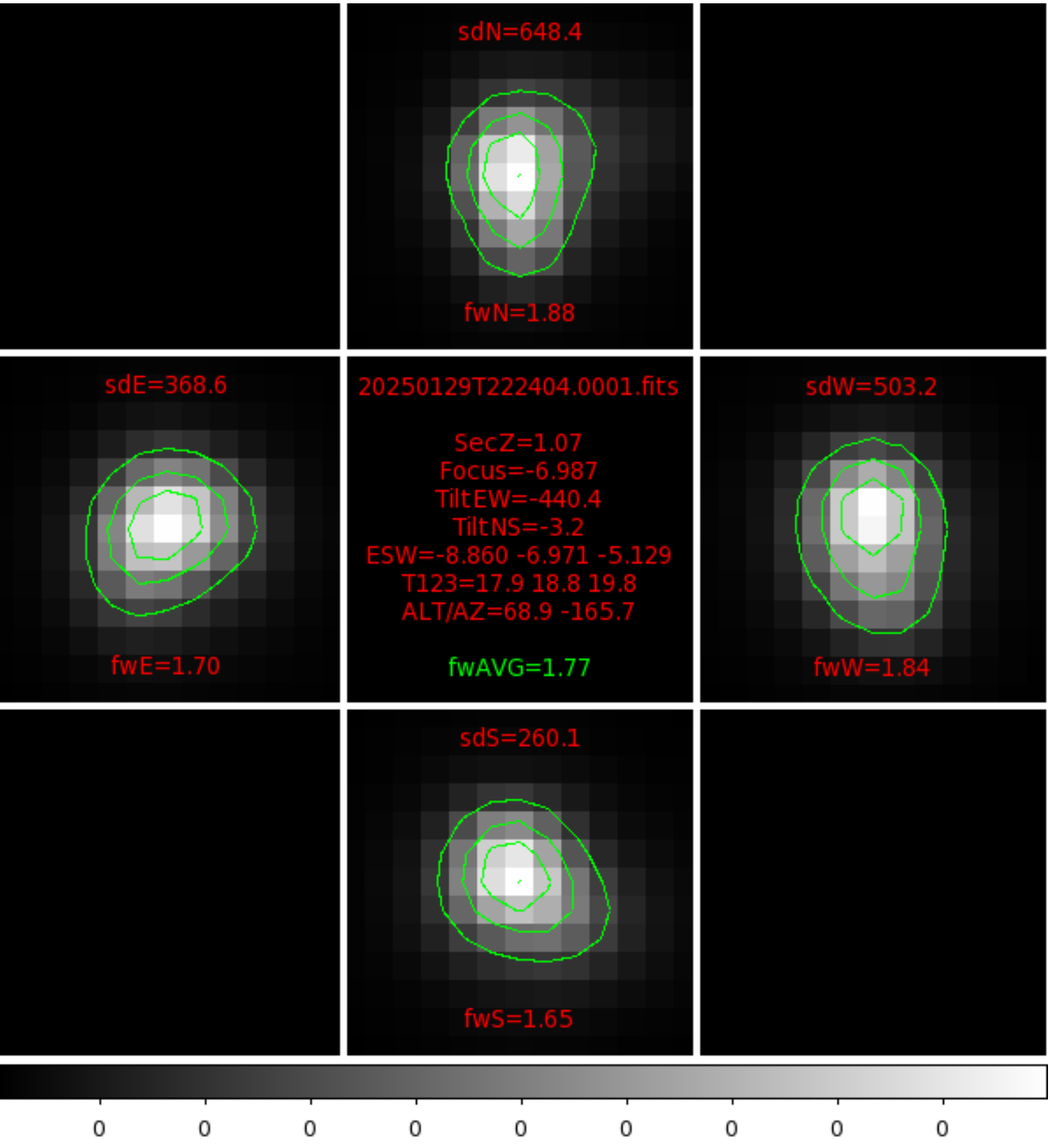
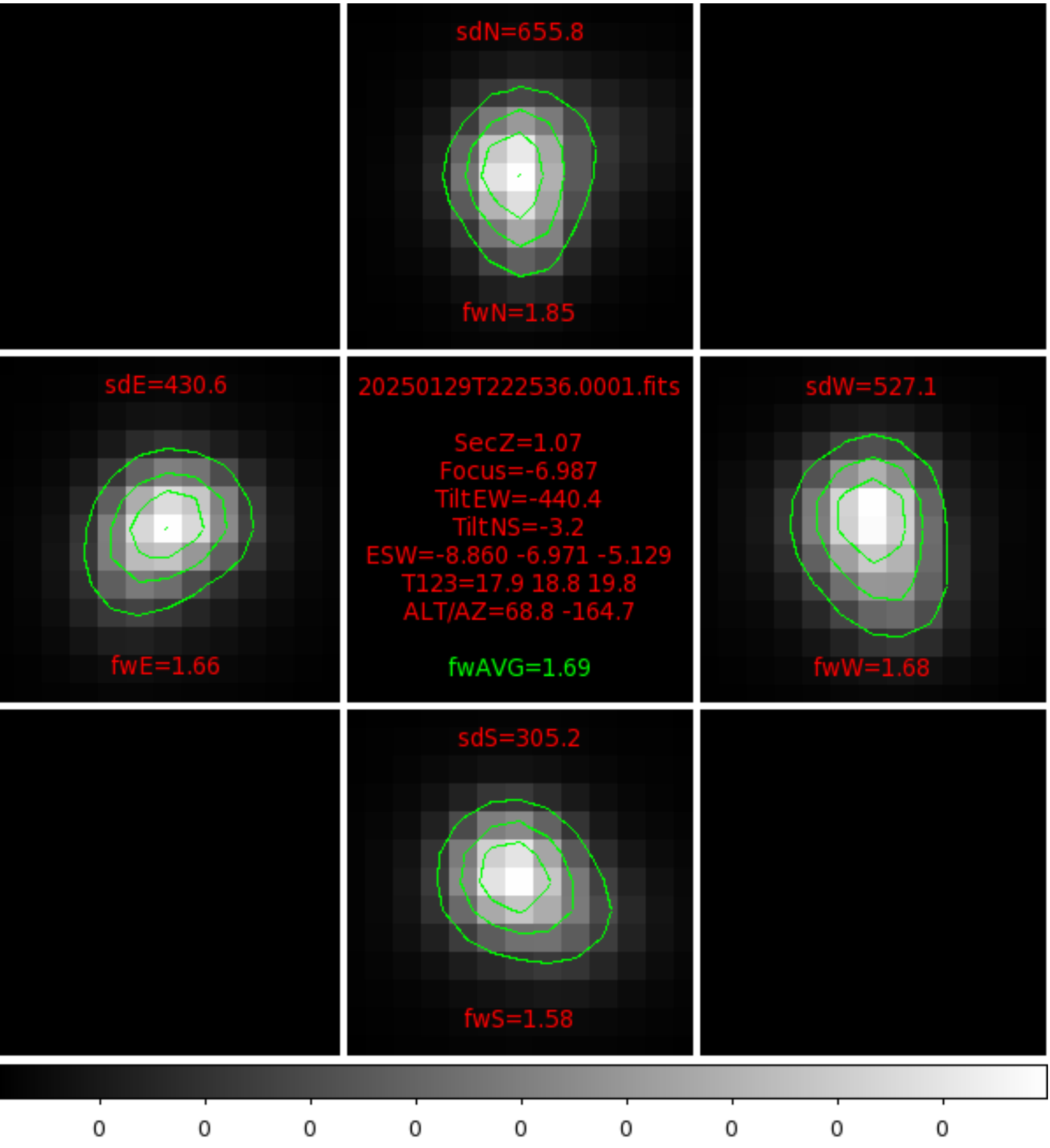
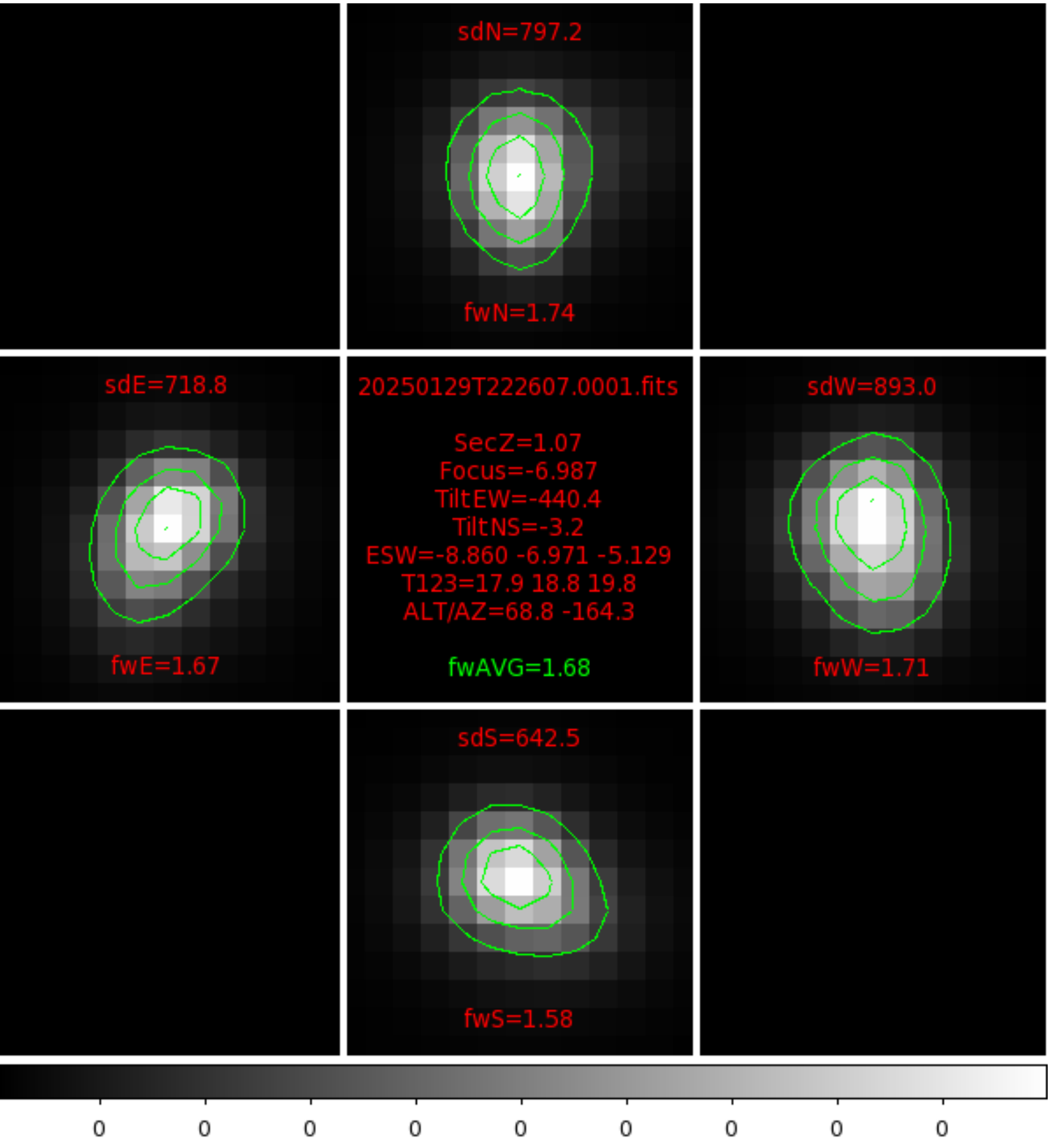

sdN=565.7
fwN=1.93
sdE=231.4
fwE=1.82
20250129T222334.0001.fits
SecZ=1.07
Focus=-6.987
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.860 -6.971 -5.129
T123=17.9 18.8 19.8
ALT/AZ=68.9 -166.0
fwAVG=1.75
sdW=334.6
fwW=1.64
sdS=153.2
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=648.4
fwN=1.88
sdE=368.6
fwE=1.70
20250129T222404.0001.fits
SecZ=1.07
Focus=-6.987
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.860 -6.971 -5.129
T123=17.9 18.8 19.8
ALT/AZ=68.9 -165.7
fwAVG=1.77
sdW=503.2
fwW=1.84
sdS=260.1
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=655.8
fwN=1.85
sdE=430.6
fwE=1.66
20250129T222536.0001.fits
SecZ=1.07
Focus=-6.987
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.860 -6.971 -5.129
T123=17.9 18.8 19.8
ALT/AZ=68.8 -164.7
fwAVG=1.69
sdW=527.1
fwW=1.68
sdS=305.2
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=797.2
fwN=1.74
sdE=718.8
fwE=1.67
20250129T222607.0001.fits
SecZ=1.07
Focus=-6.987
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.860 -6.971 -5.129
T123=17.9 18.8 19.8
ALT/AZ=68.8 -164.3
fwAVG=1.68
sdW=893.0
fwW=1.71
sdS=642.5
fwS=1.58
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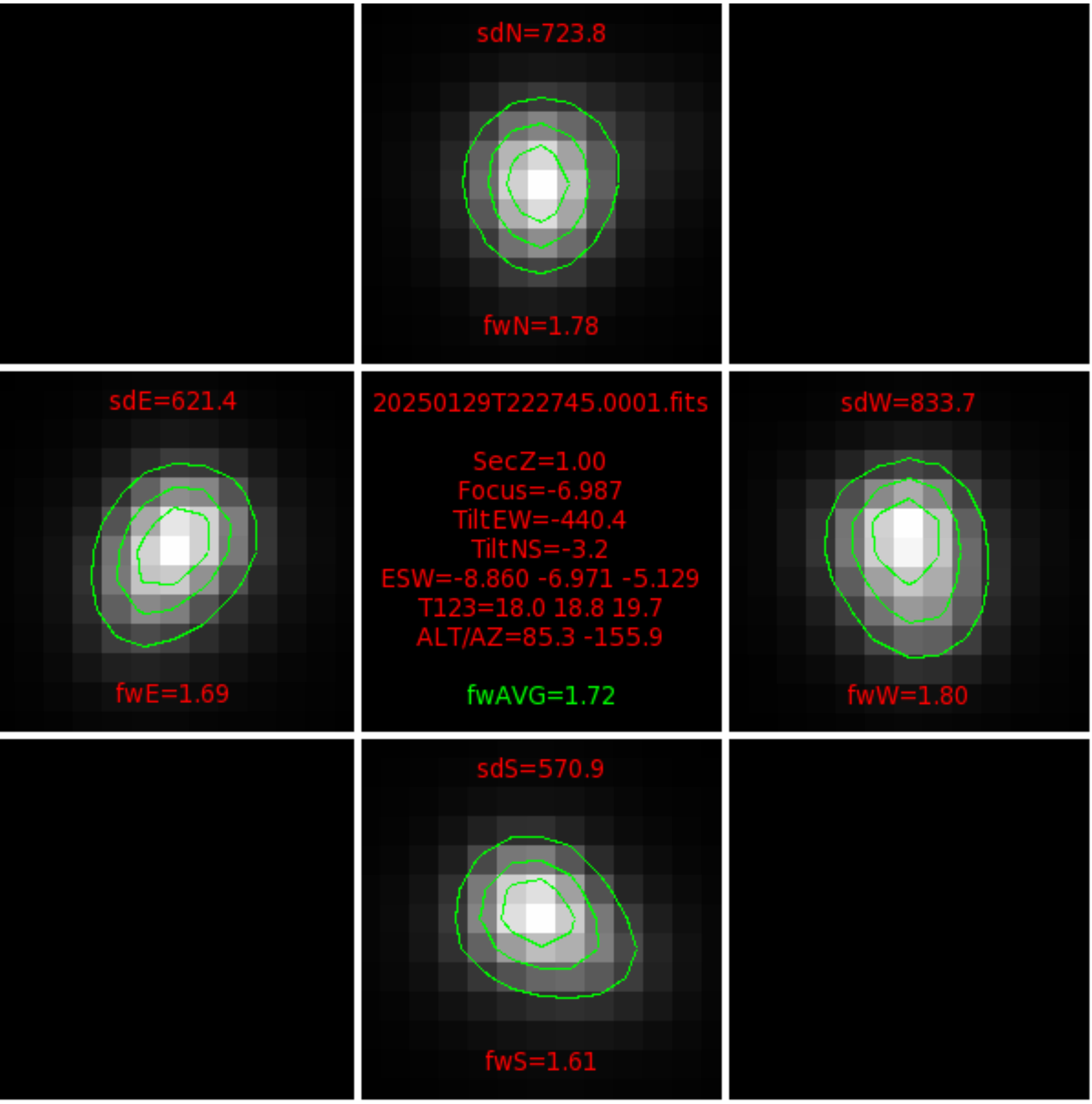
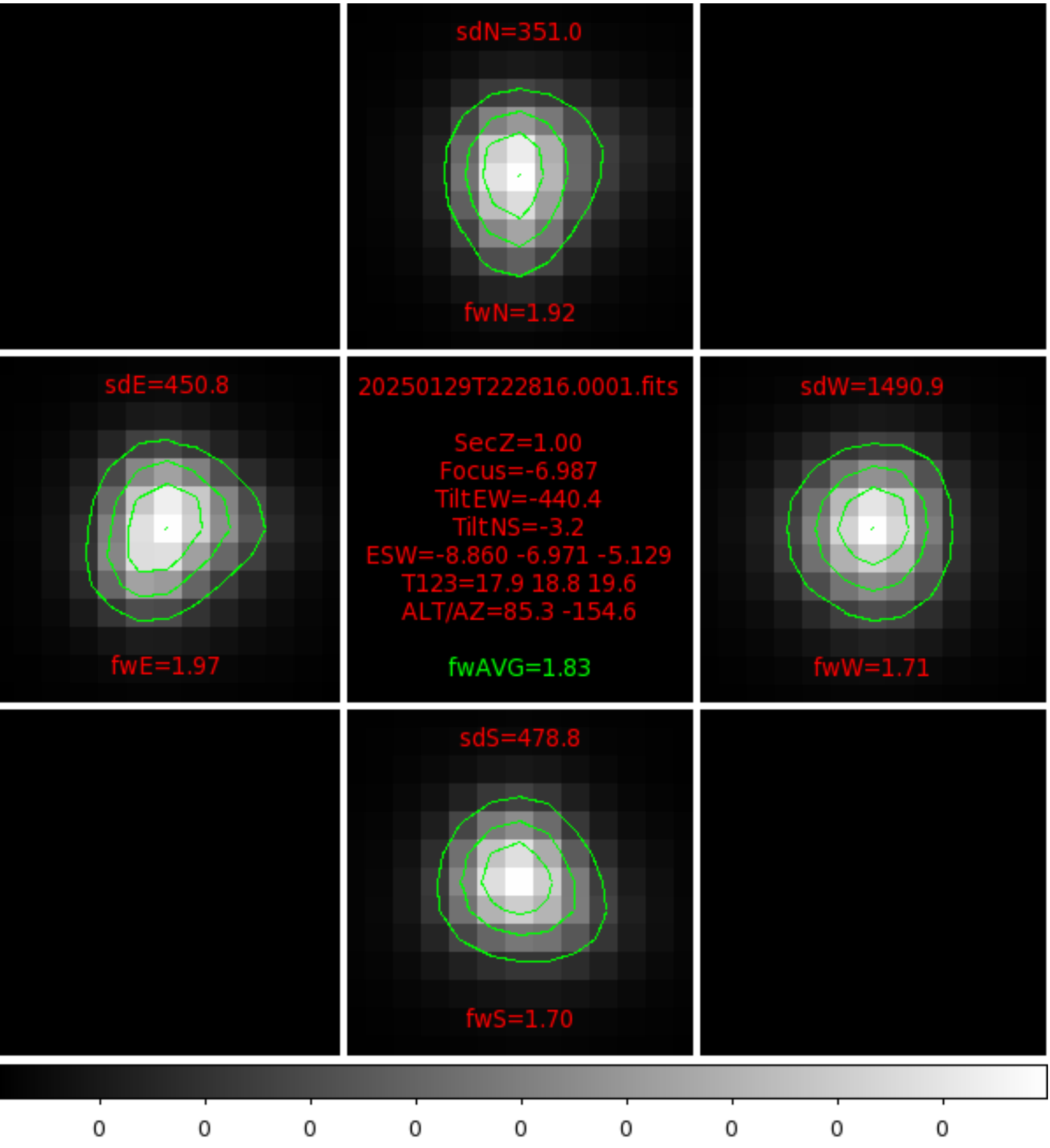
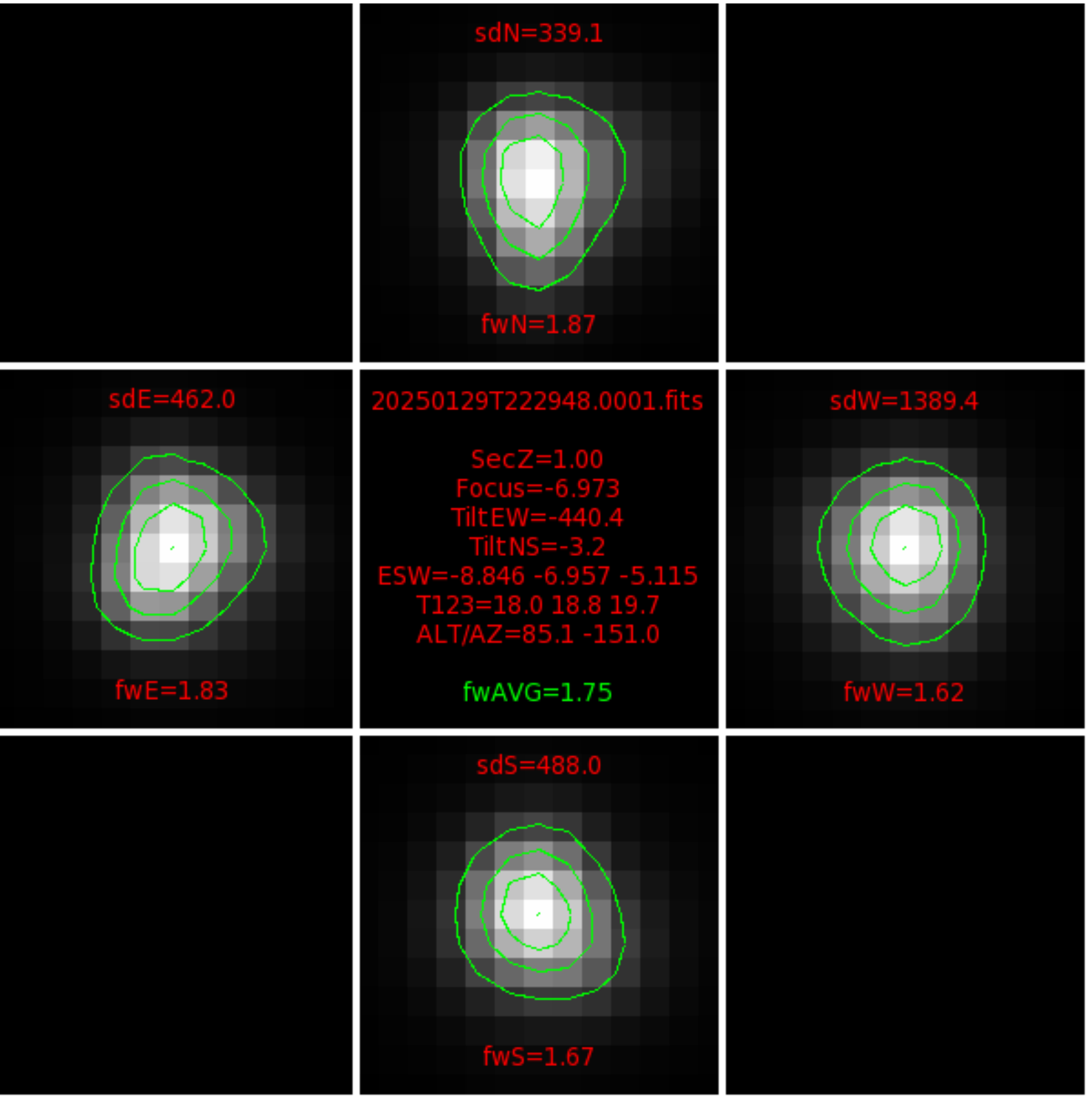

sdN=723.8
fwN=1.78
sdE=621.4
fwE=1.69
20250129T222745.0001.fits
SecZ=1.00
Focus=-6.987
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.860 -6.971 -5.129
T123=18.0 18.8 19.7
ALT/AZ=85.3 -155.9
fwAVG=1.72
sdW=833.7
fwW=1.80
sdS=570.9
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=351.0
fwN=1.92
sdE=450.8
fwE=1.97
20250129T222816.0001.fits
SecZ=1.00
Focus=-6.987
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.860 -6.971 -5.129
T123=17.9 18.8 19.6
ALT/AZ=85.3 -154.6
fwAVG=1.83
sdW=1490.9
fwW=1.71
sdS=478.8
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=339.1
fwN=1.87
sdE=462.0
fwE=1.83
20250129T222948.0001.fits
SecZ=1.00
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=18.0 18.8 19.7
ALT/AZ=85.1 -151.0
fwAVG=1.75
sdW=1389.4
fwW=1.62
sdS=488.0
fwS=1.67
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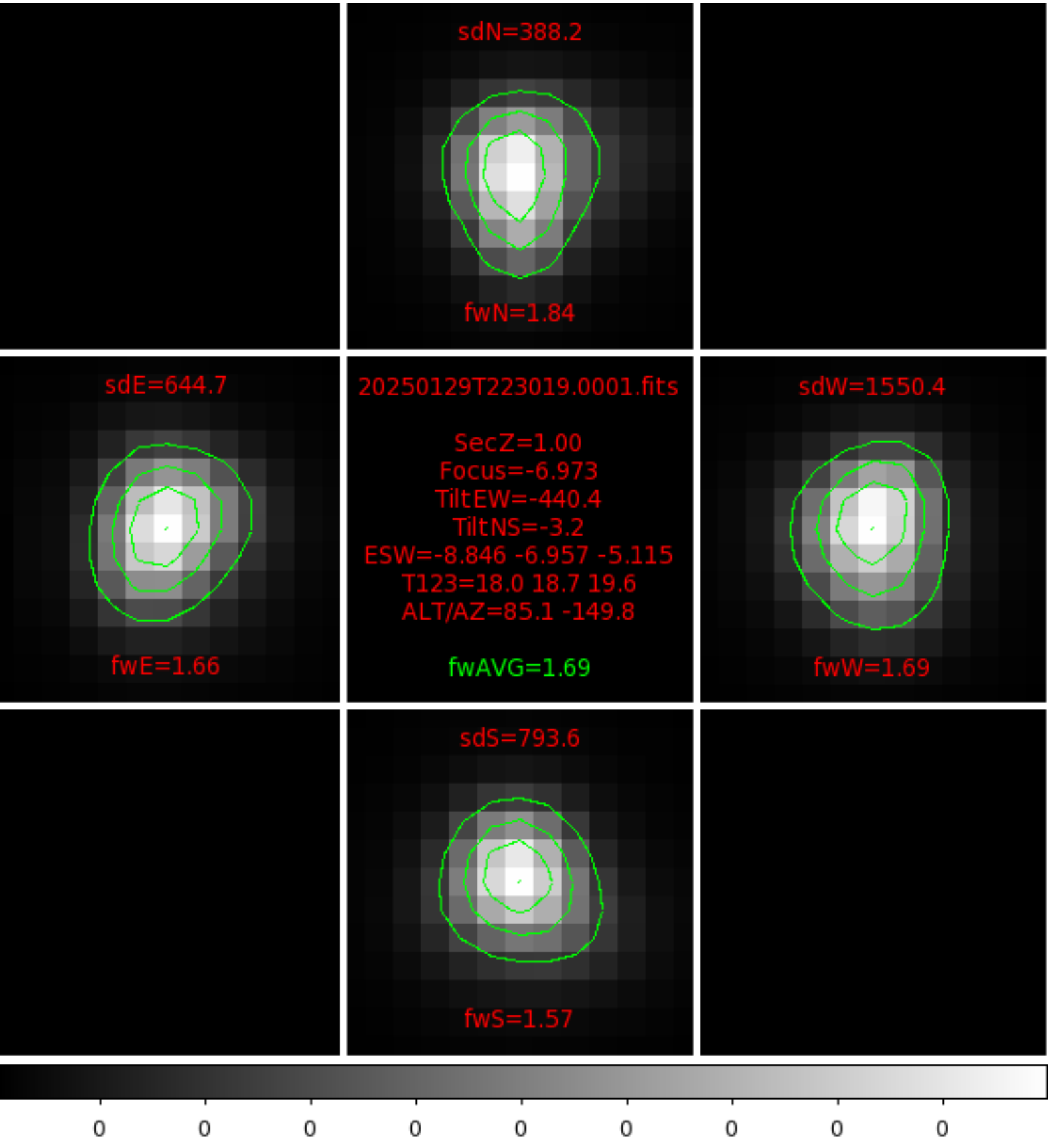
sdN=388.2
fwN=1.84
sdE=644.7
fwE=1.66
20250129T223019.0001.fits
SecZ=1.00
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=18.0 18.7 19.6
ALT/AZ=85.1 -149.8
fwAVG=1.69
sdW=1550.4
fwW=1.69
sdS=793.6
fwS=1.57
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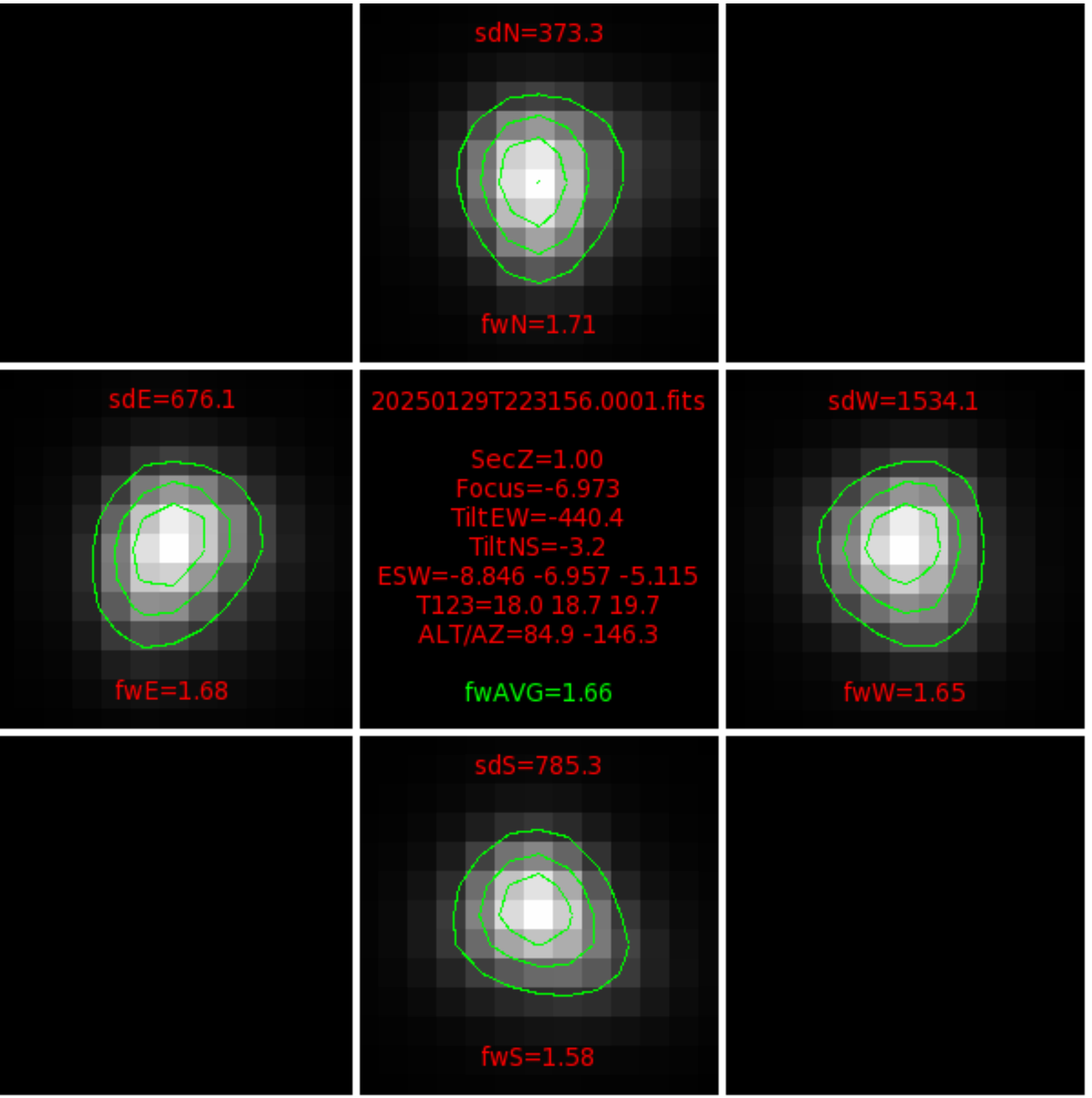
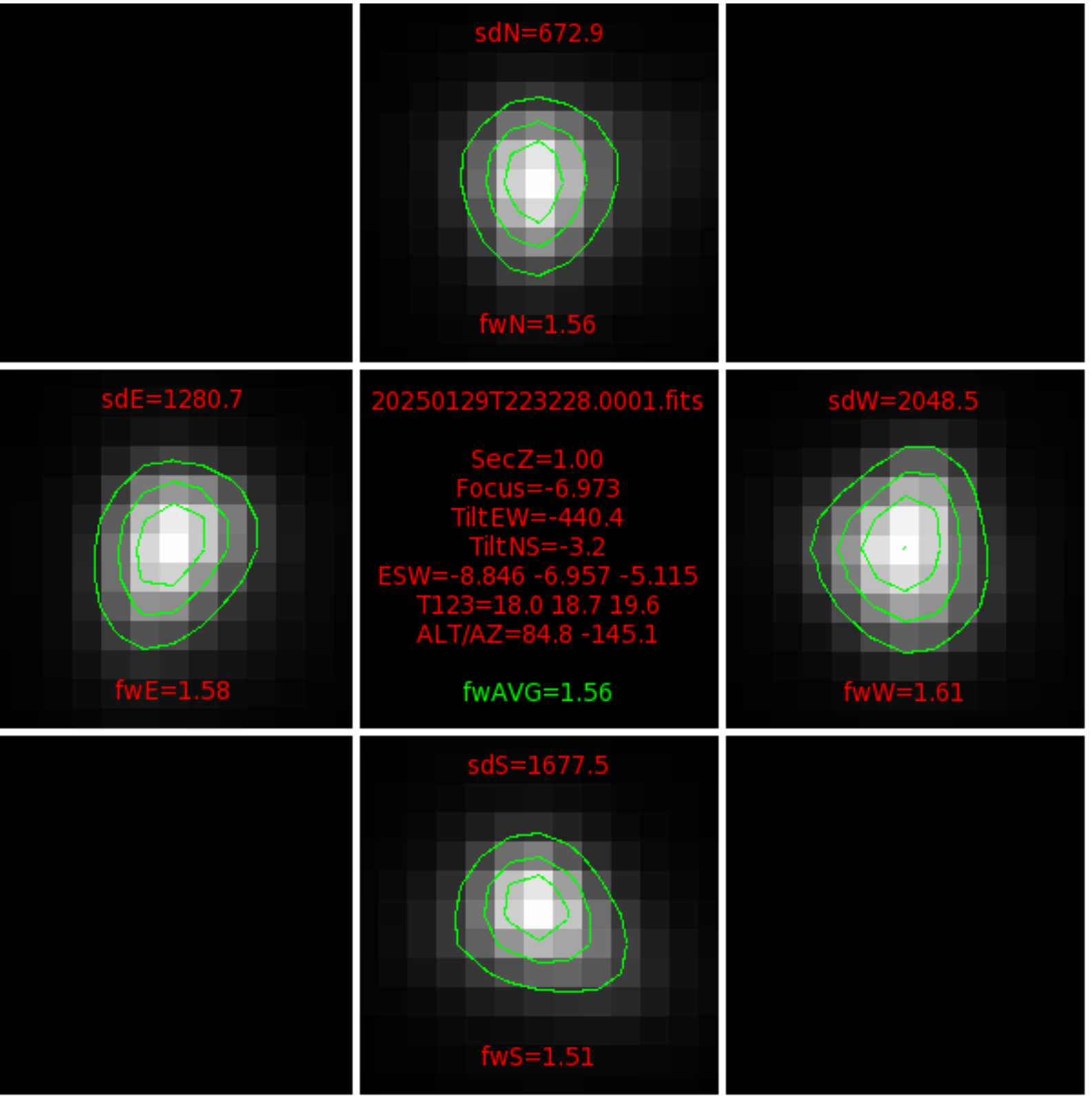

sdN=373.3
fwN=1.71
sdE=676.1
fwE=1.68
20250129T223156.0001.fits
SecZ=1.00
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=18.0 18.7 19.7
ALT/AZ=84.9 -146.3
fwAVG=1.66
sdW=1534.1
fwW=1.65
sdS=785.3
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=672.9
fwN=1.56
sdE=1280.7
fwE=1.58
20250129T223228.0001.fits
SecZ=1.00
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=18.0 18.7 19.6
ALT/AZ=84.8 -145.1
fwAVG=1.56
sdW=2048.5
fwW=1.61
sdS=1677.5
fwS=1.51
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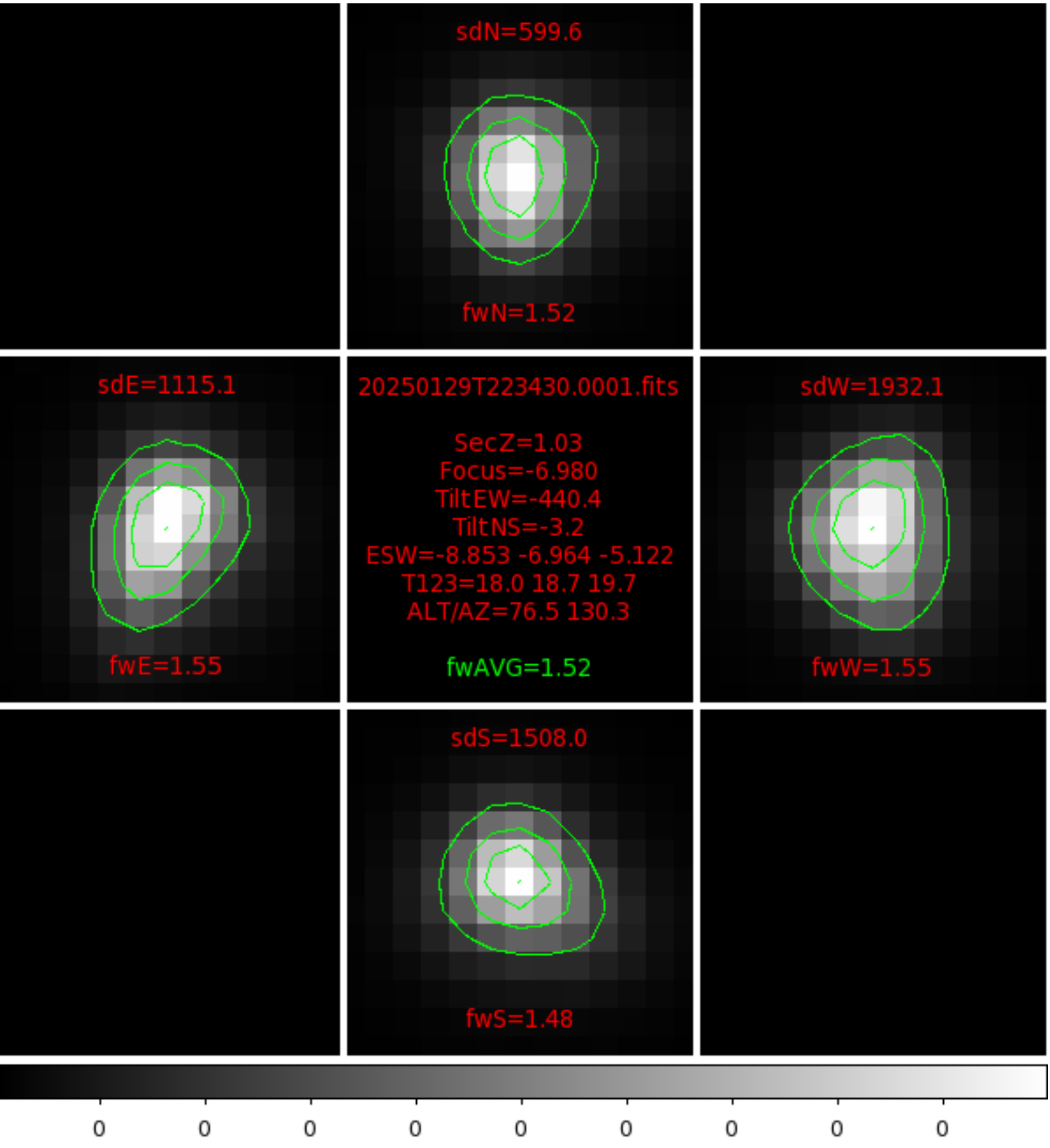
sdN=599.6
fwN=1.52
sdE=1115.1
fwE=1.55
20250129T223430.0001.fits
SecZ=1.03
Focus=-6.980
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.853 -6.964 -5.122
T123=18.0 18.7 19.7
ALT/AZ=76.5 130.3
fwAVG=1.52
sdW=1932.1
fwW=1.55
sdS=1508.0
fwS=1.48
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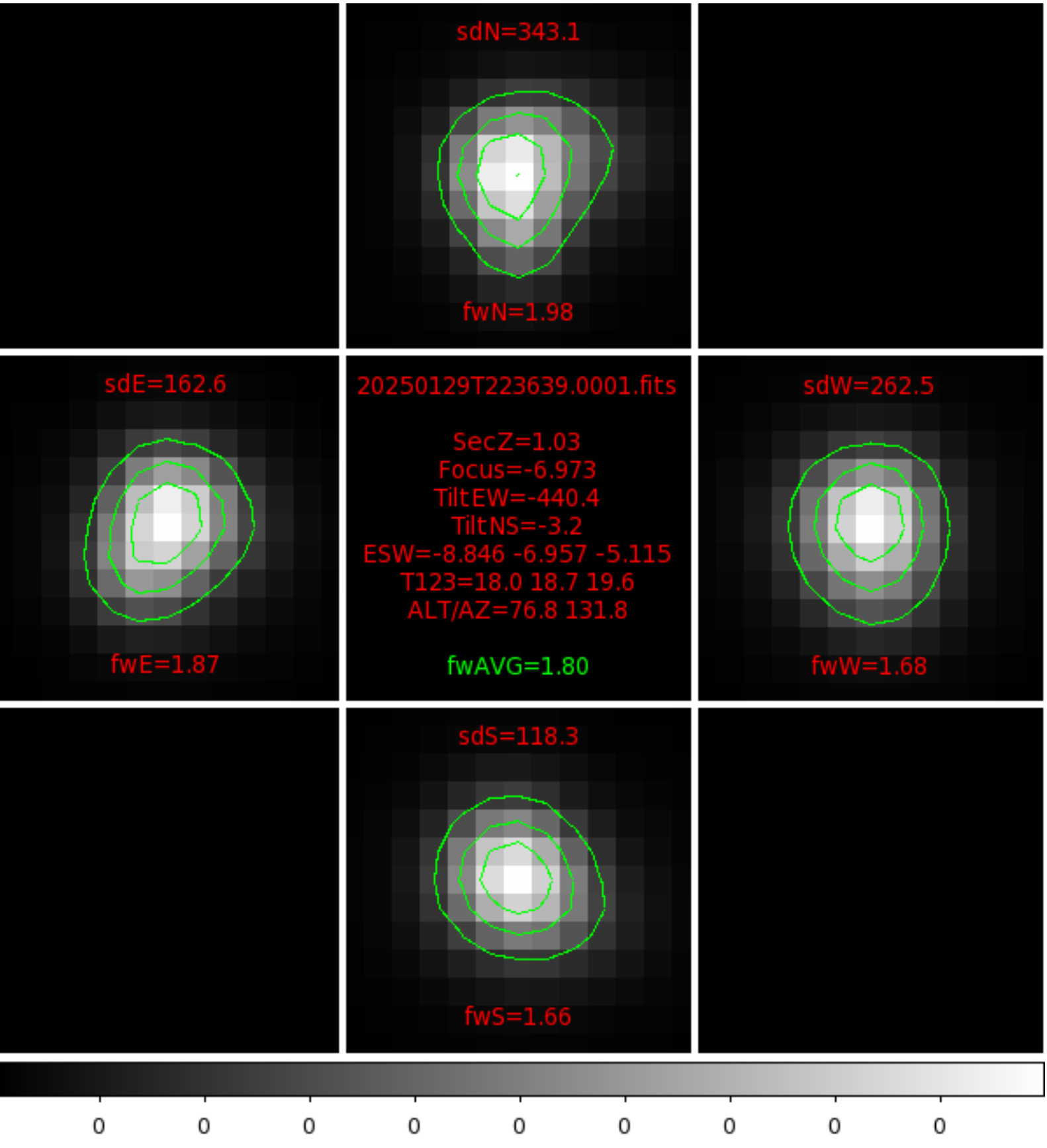
sdN=343.1
fwN=1.98
sdE=162.6
fwE=1.87
20250129T223639.0001.fits
SecZ=1.03
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=18.0 18.7 19.6
ALT/AZ=76.8 131.8
fwAVG=1.80
sdW=262.5
fwW=1.68
sdS=118.3
fwS=1.66
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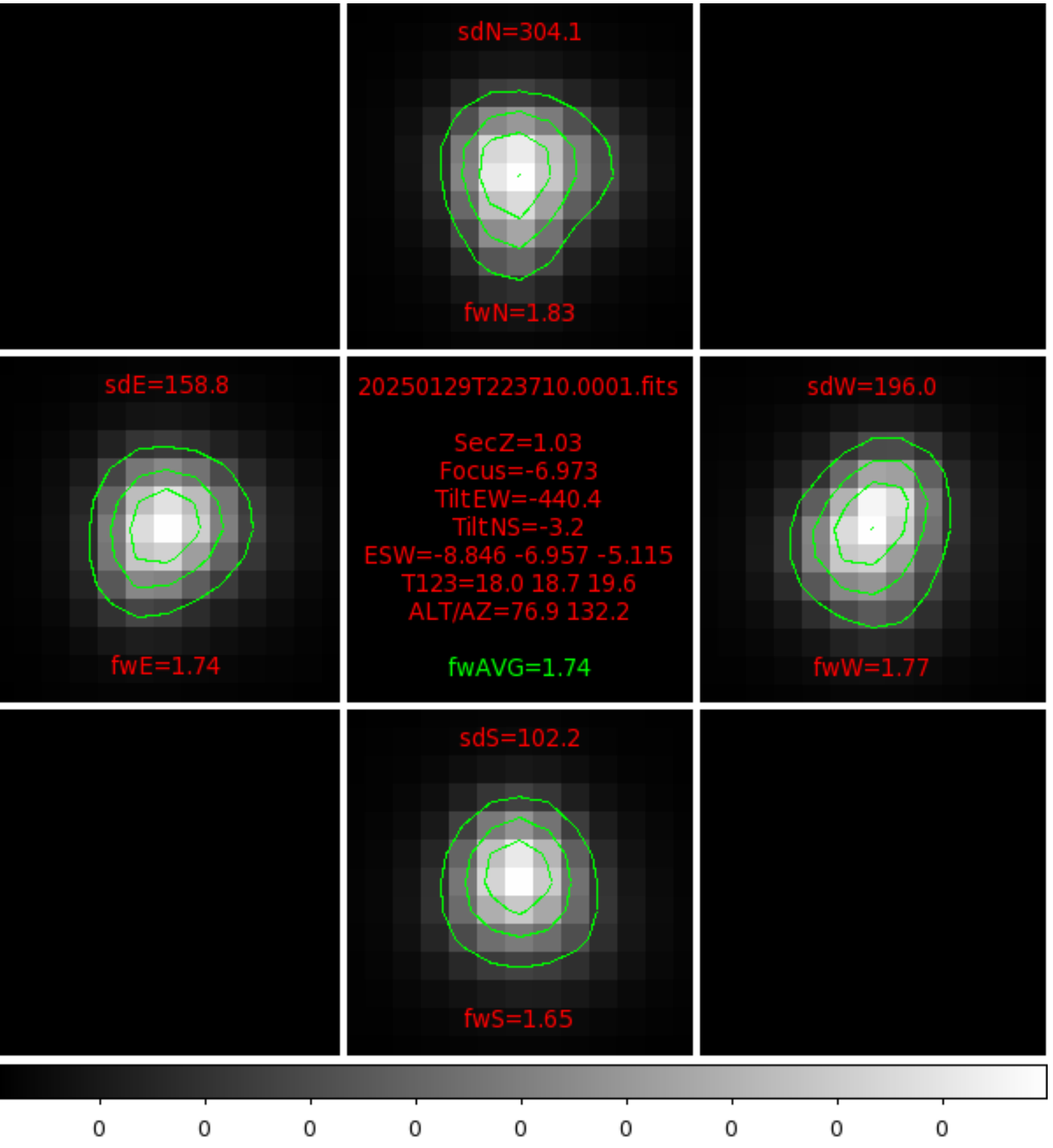
sdN=304.1
fwN=1.83
sdE=158.8
fwE=1.74
20250129T223710.0001.fits
SecZ=1.03
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=18.0 18.7 19.6
ALT/AZ=76.9 132.2
fwAVG=1.74
sdW=196.0
fwW=1.77
sdS=102.2
fwS=1.65
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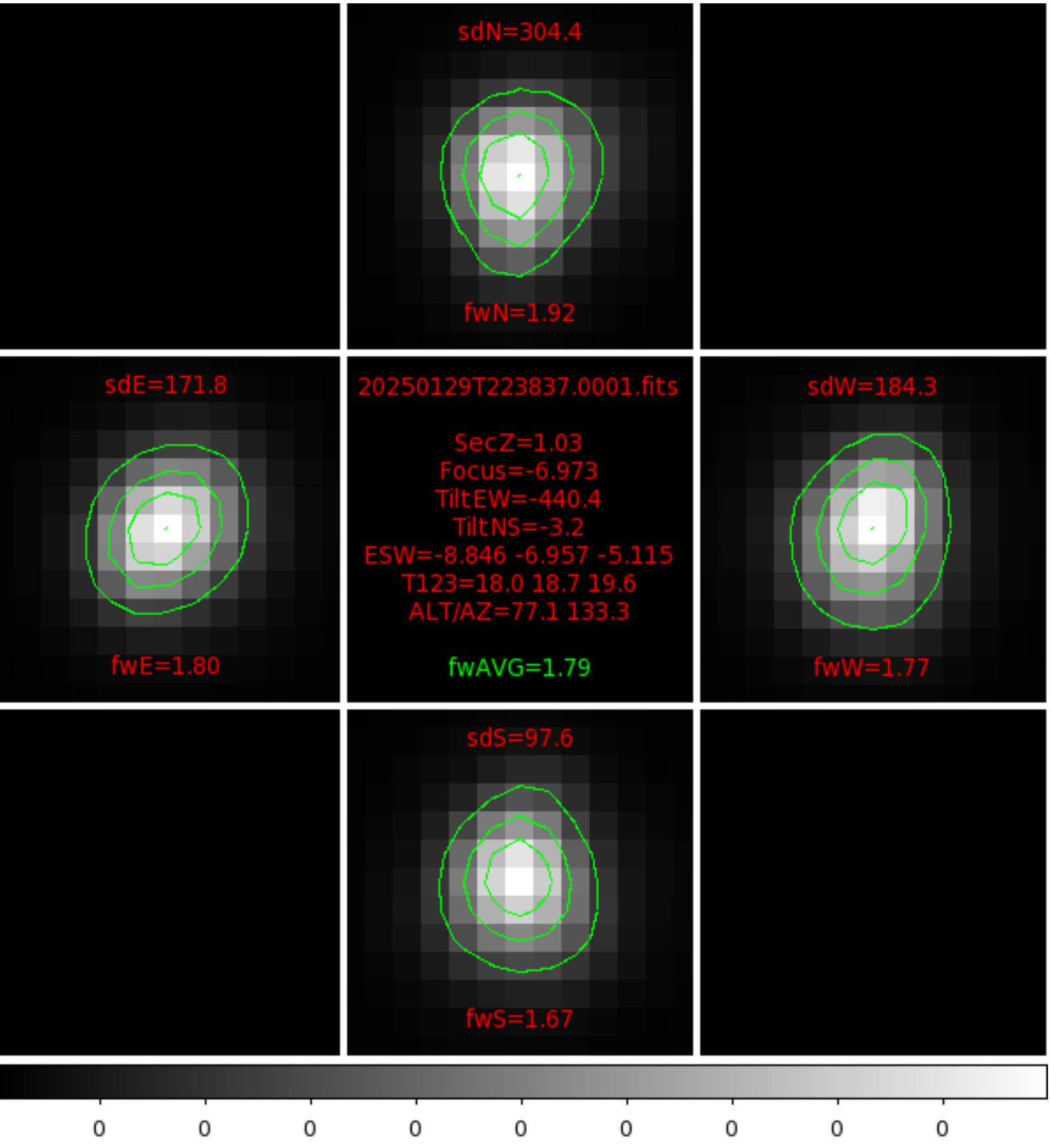
sdN=304.4
fwN=1.92
sdE=171.8
fwE=1.80
20250129T223837.0001.fits
SecZ=1.03
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=18.0 18.7 19.6
ALT/AZ=77.1 133.3
fwAVG=1.79
sdW=184.3
fwW=1.77
sdS=97.6
fwS=1.67
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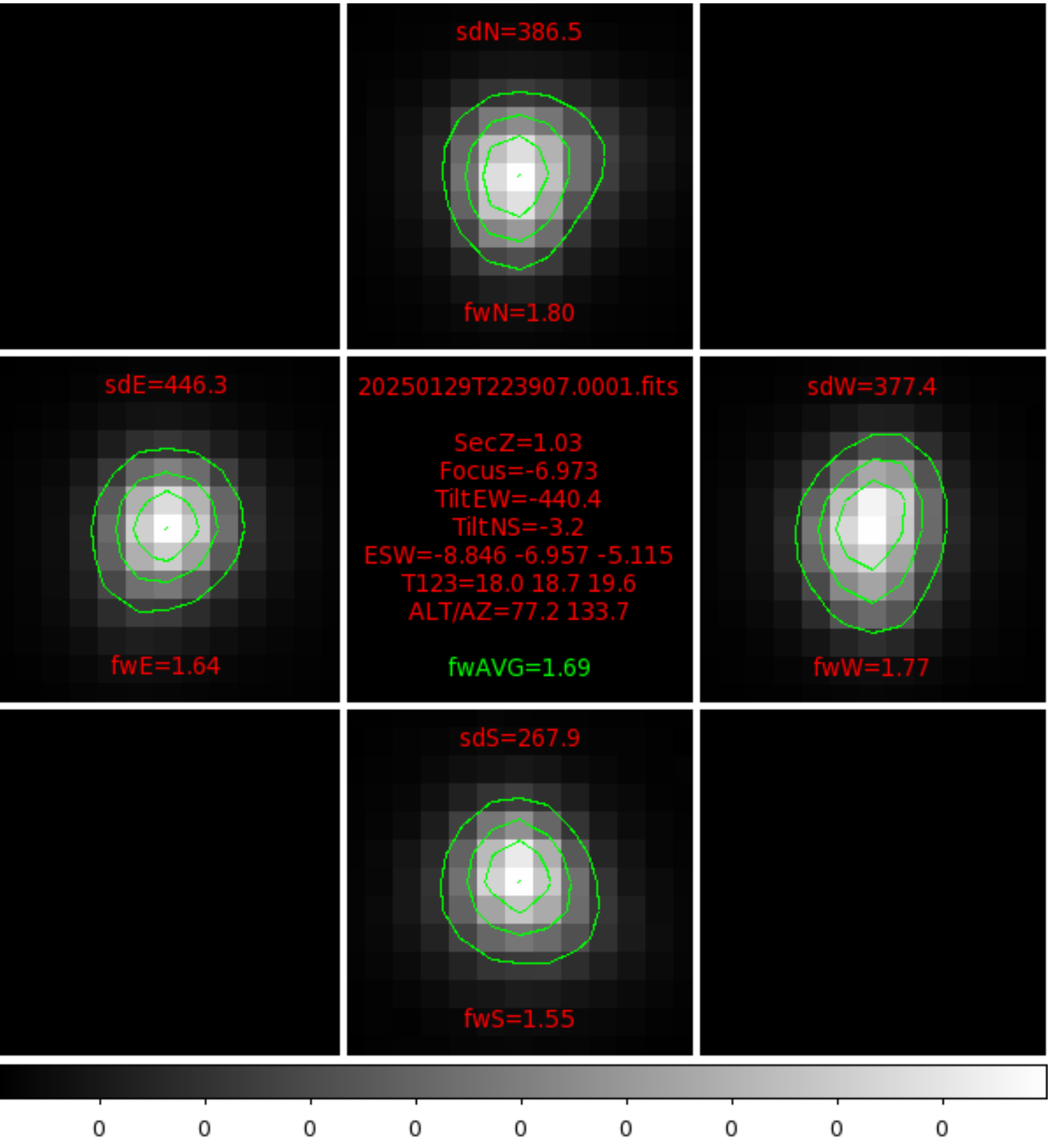
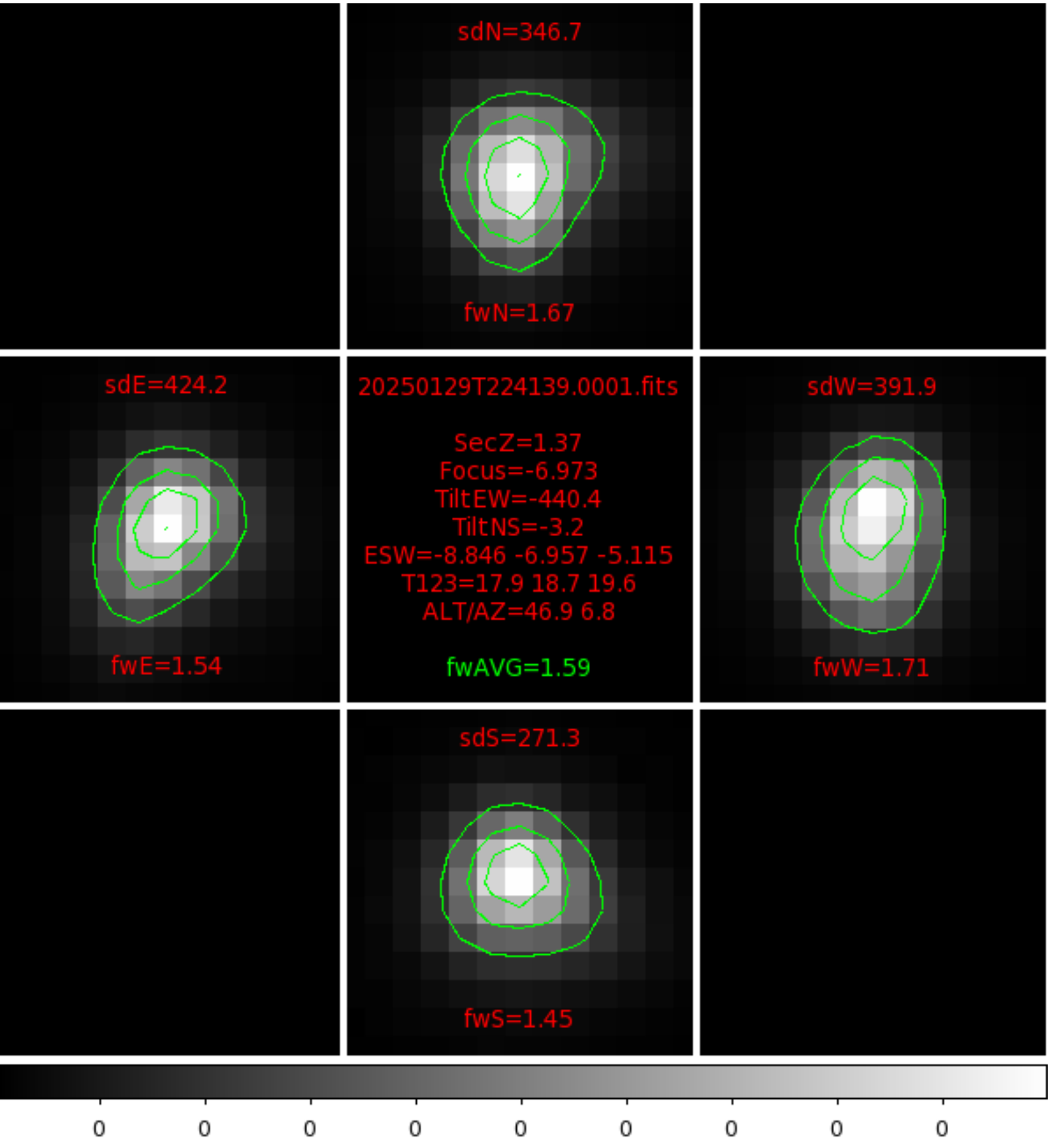

sdN=386.5
fwN=1.80
sdE=446.3
fwE=1.64
20250129T223907.0001.fits
SecZ=1.03
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=18.0 18.7 19.6
ALT/AZ=77.2 133.7
fwAVG=1.69
sdW=377.4
fwW=1.77
sdS=267.9
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=346.7
fwN=1.67
sdE=424.2
fwE=1.54
20250129T224139.0001.fits
SecZ=1.37
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=17.9 18.7 19.6
ALT/AZ=46.9 6.8
fwAVG=1.59
sdW=391.9
fwW=1.71
sdS=271.3
fwS=1.45
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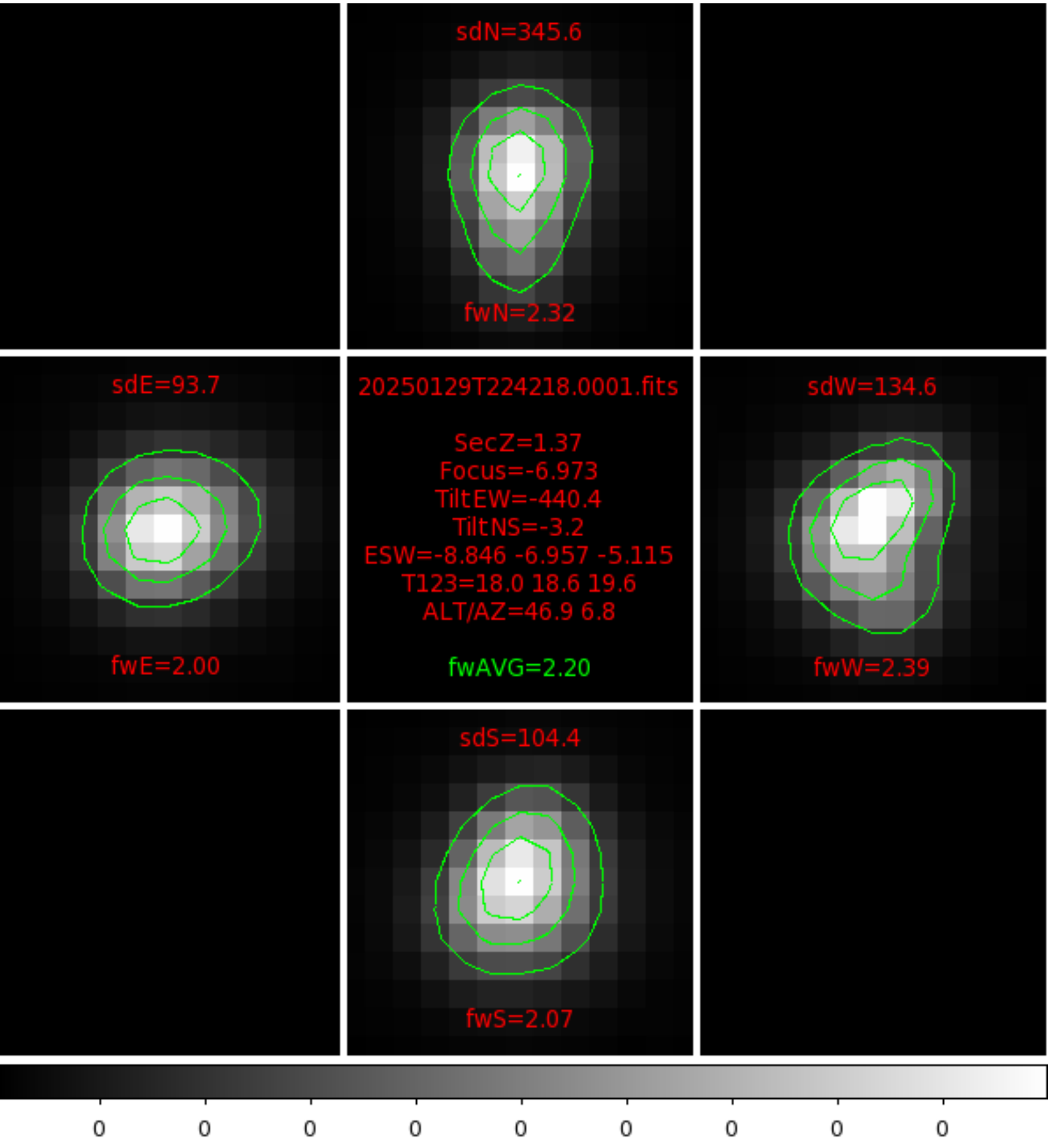
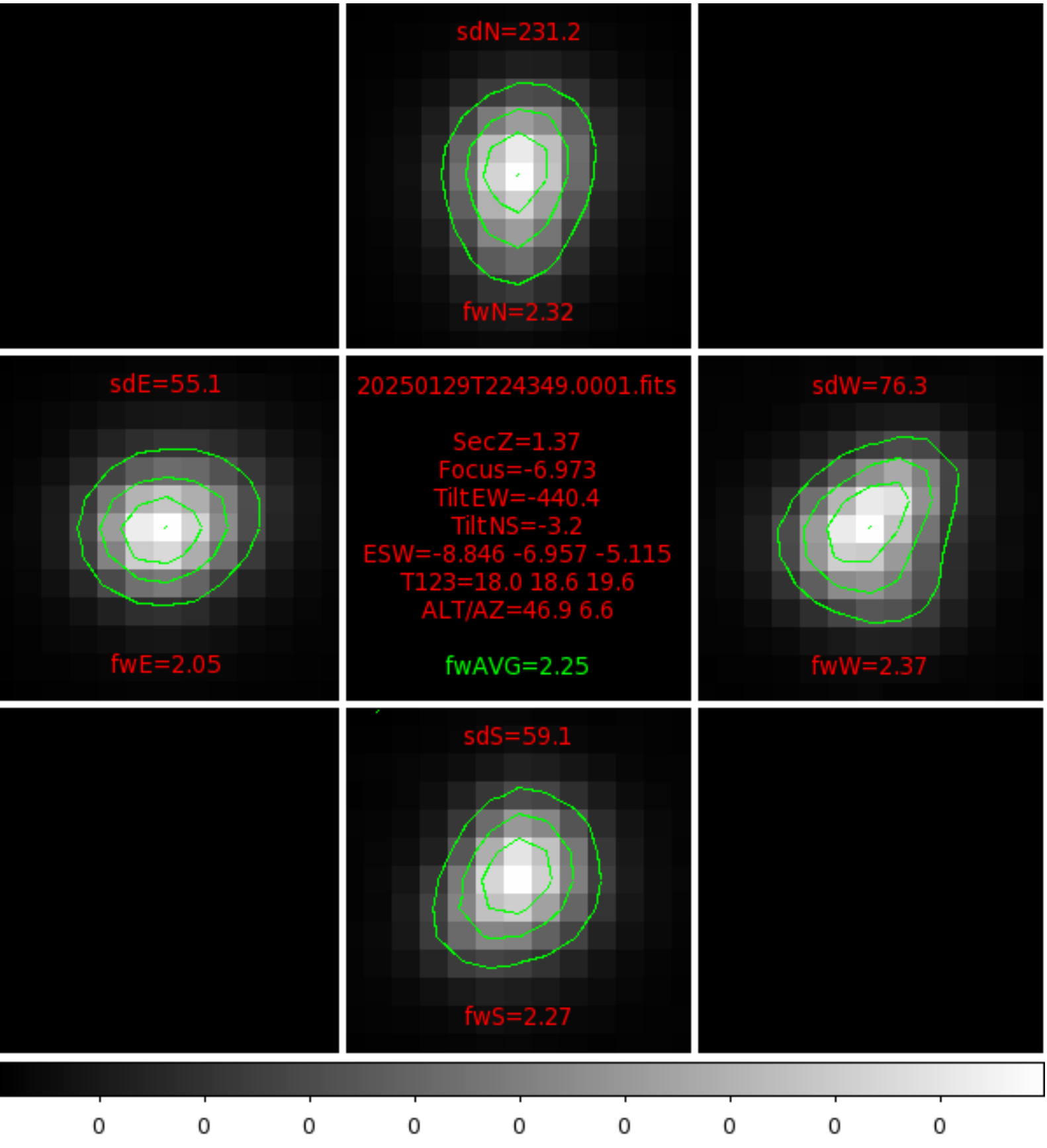

sdN=345.6
fwN=2.32
sdE=93.7
fwE=2.00
20250129T224218.0001.fits
SecZ=1.37
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=18.0 18.6 19.6
ALT/AZ=46.9 6.8
fwAVG=2.20
sdW=134.6
fwW=2.39
sdS=104.4
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=231.2
fwN=2.32
sdE=55.1
fwE=2.05
20250129T224349.0001.fits
SecZ=1.37
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=18.0 18.6 19.6
ALT/AZ=46.9 6.6
fwAVG=2.25
sdW=76.3
fwW=2.37
sdS=59.1
fwS=2.27
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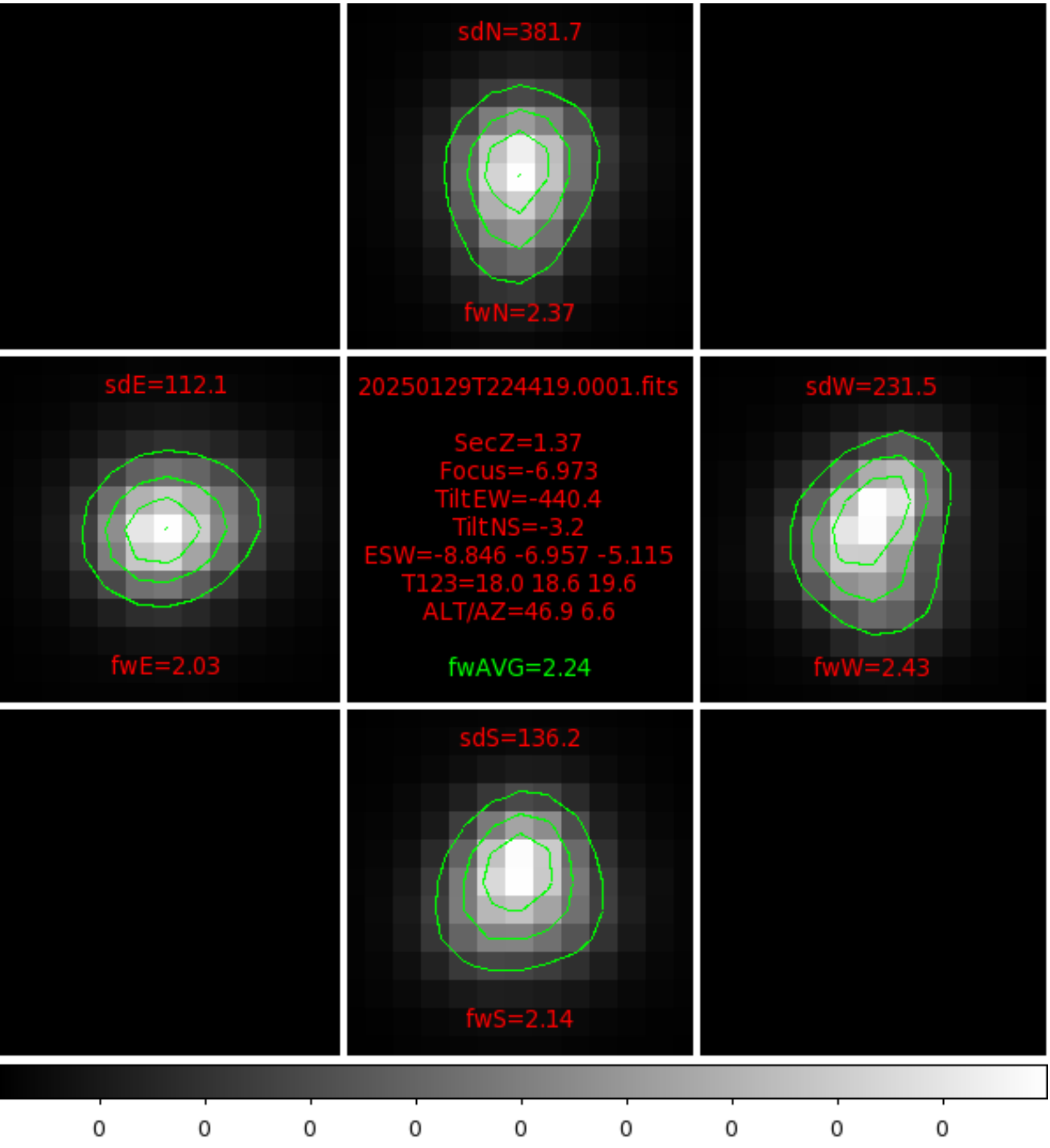
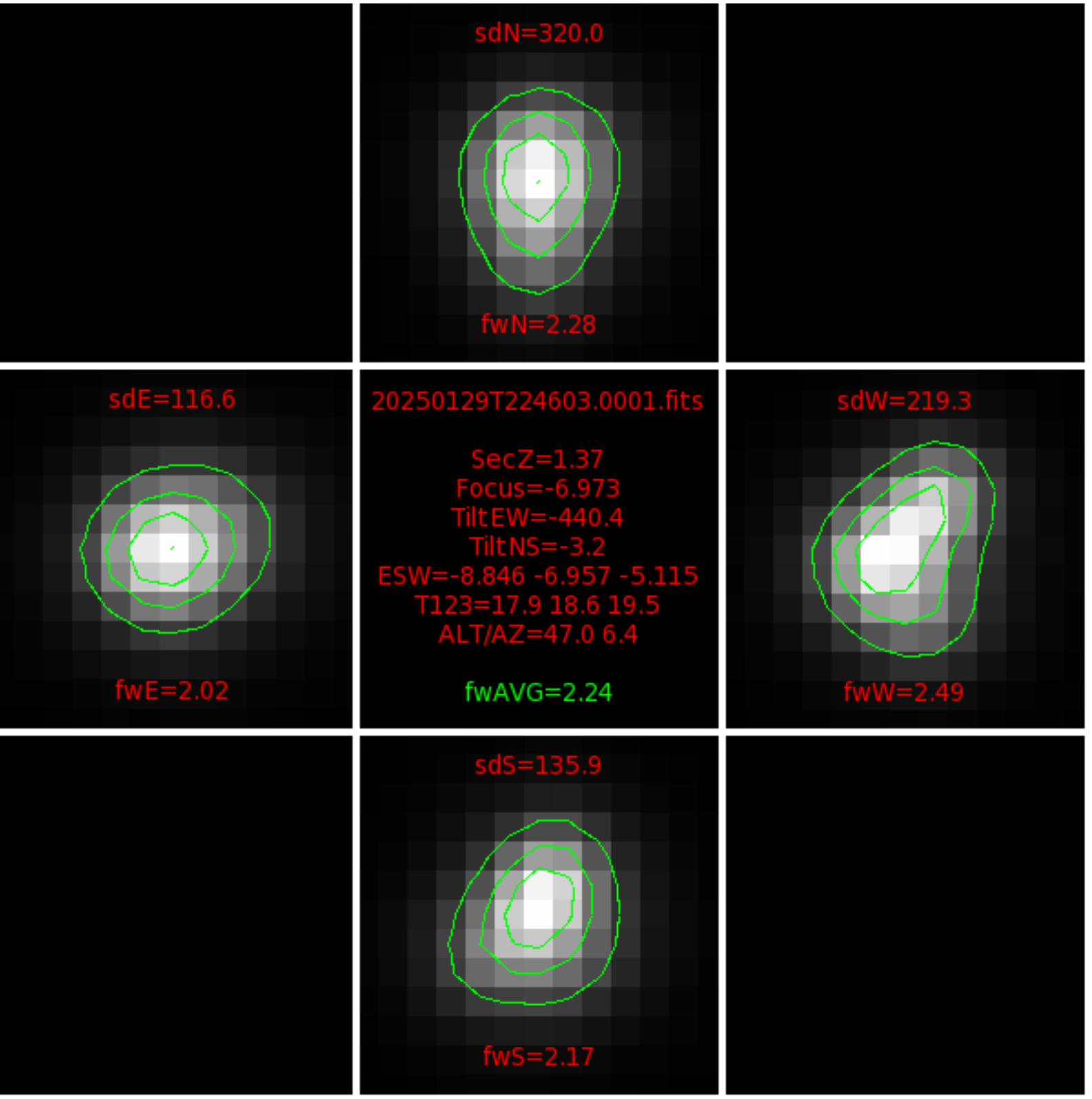

sdN=381.7
fwN=2.37
sdE=112.1
fwE=2.03
20250129T224419.0001.fits
SecZ=1.37
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=18.0 18.6 19.6
ALT/AZ=46.9 6.6
fwAVG=2.24
sdW=231.5
fwW=2.43
sdS=136.2
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=320.0
fwN=2.28
sdE=116.6
fwE=2.02
20250129T224603.0001.fits
SecZ=1.37
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=17.9 18.6 19.5
ALT/AZ=47.0 6.4
fwAVG=2.24
sdW=219.3
fwW=2.49
sdS=135.9
fwS=2.17
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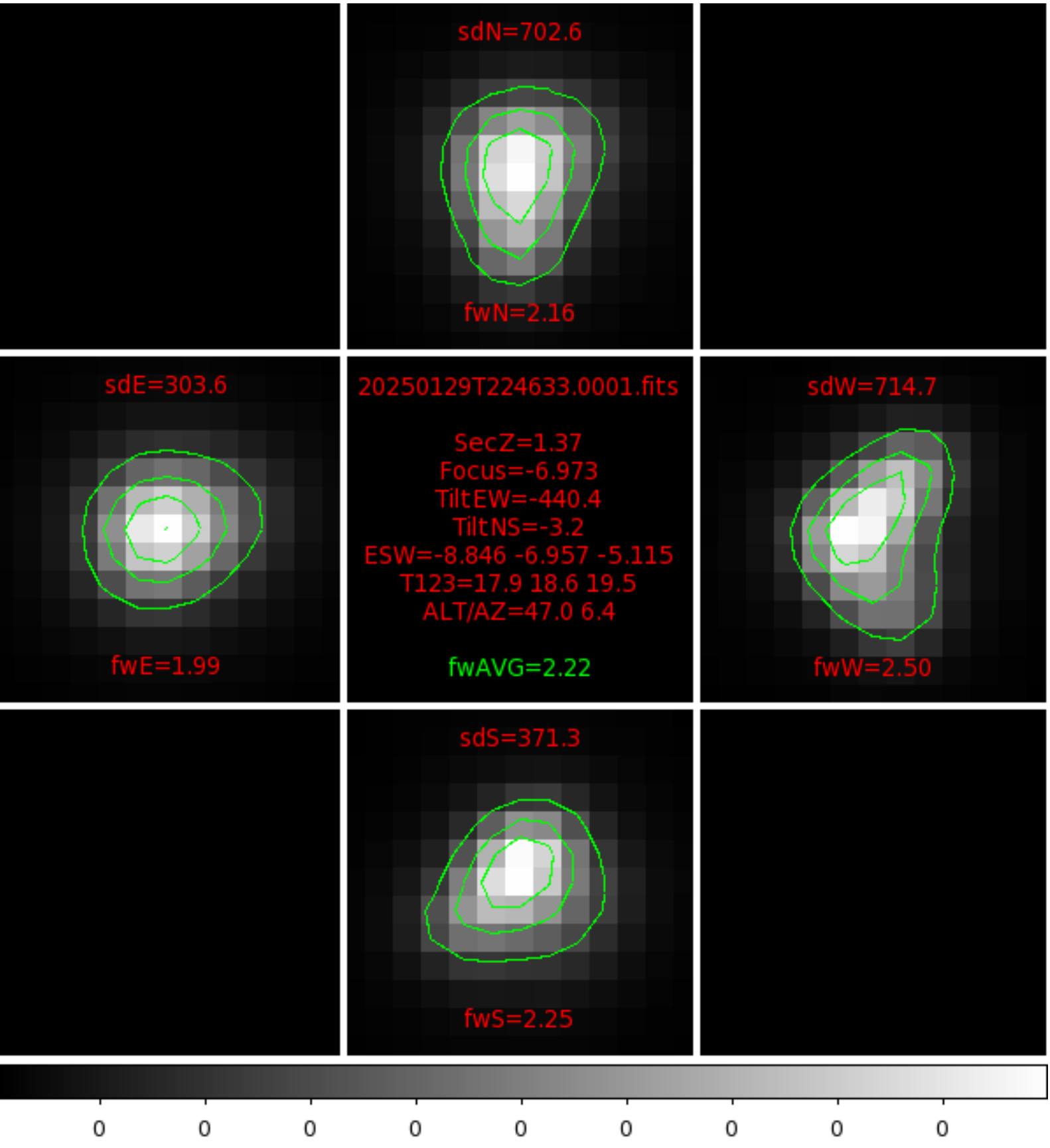
sdN=702.6
fwN=2.16
sdE=303.6
fwE=1.99
20250129T224633.0001.fits
SecZ=1.37
Focus=-6.973
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.846 -6.957 -5.115
T123=17.9 18.6 19.5
ALT/AZ=47.0 6.4
fwAVG=2.22
sdW=714.7
fwW=2.50
sdS=371.3
fwS=2.25
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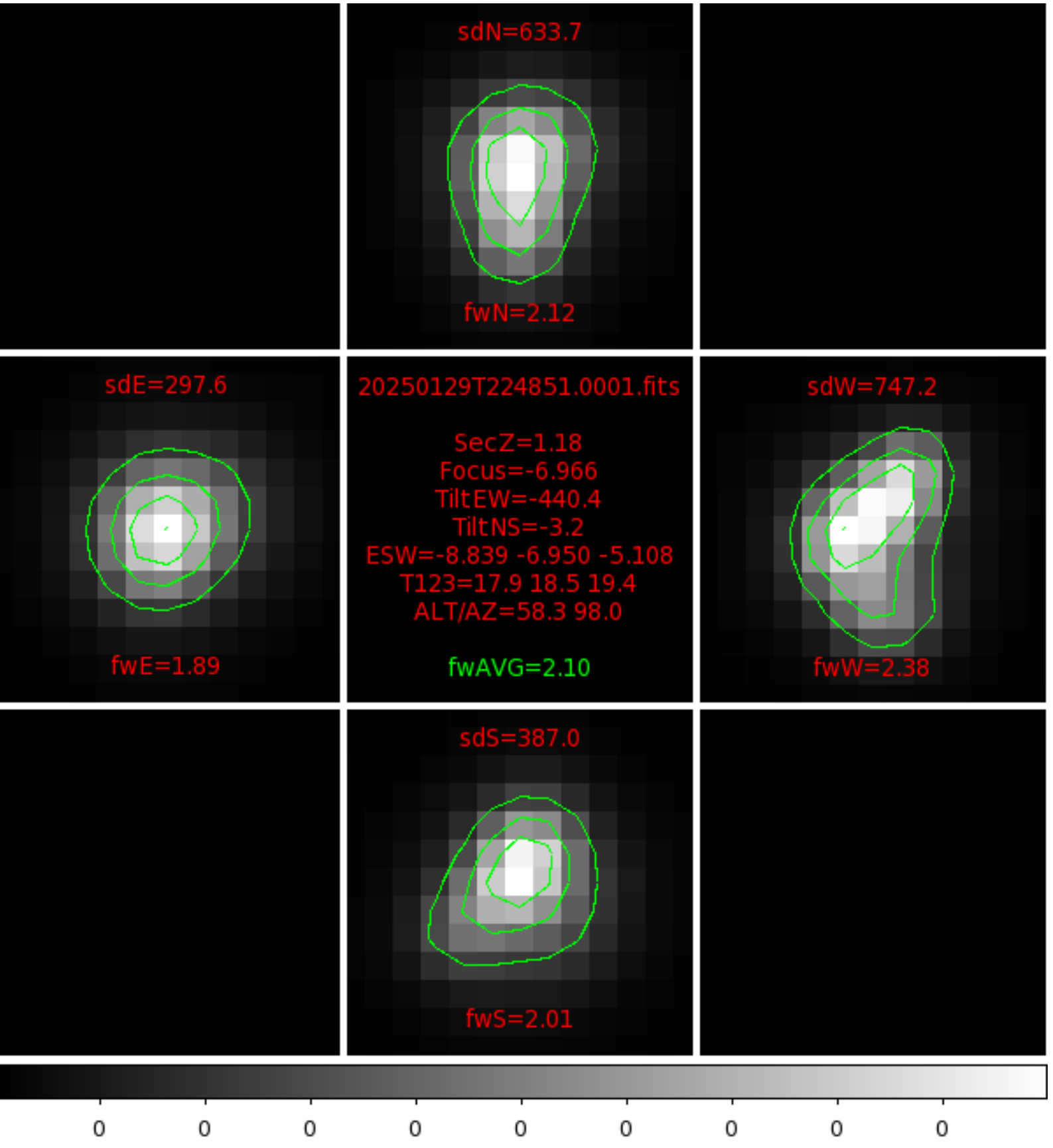
sdN=633.7
fwN=2.12
sdE=297.6
fwE=1.89
20250129T224851.0001.fits
SecZ=1.18
Focus=-6.966
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.839 -6.950 -5.108
T123=17.9 18.5 19.4
ALT/AZ=58.3 98.0
fwAVG=2.10
sdW=747.2
fwW=2.38
sdS=387.0
fwS=2.01
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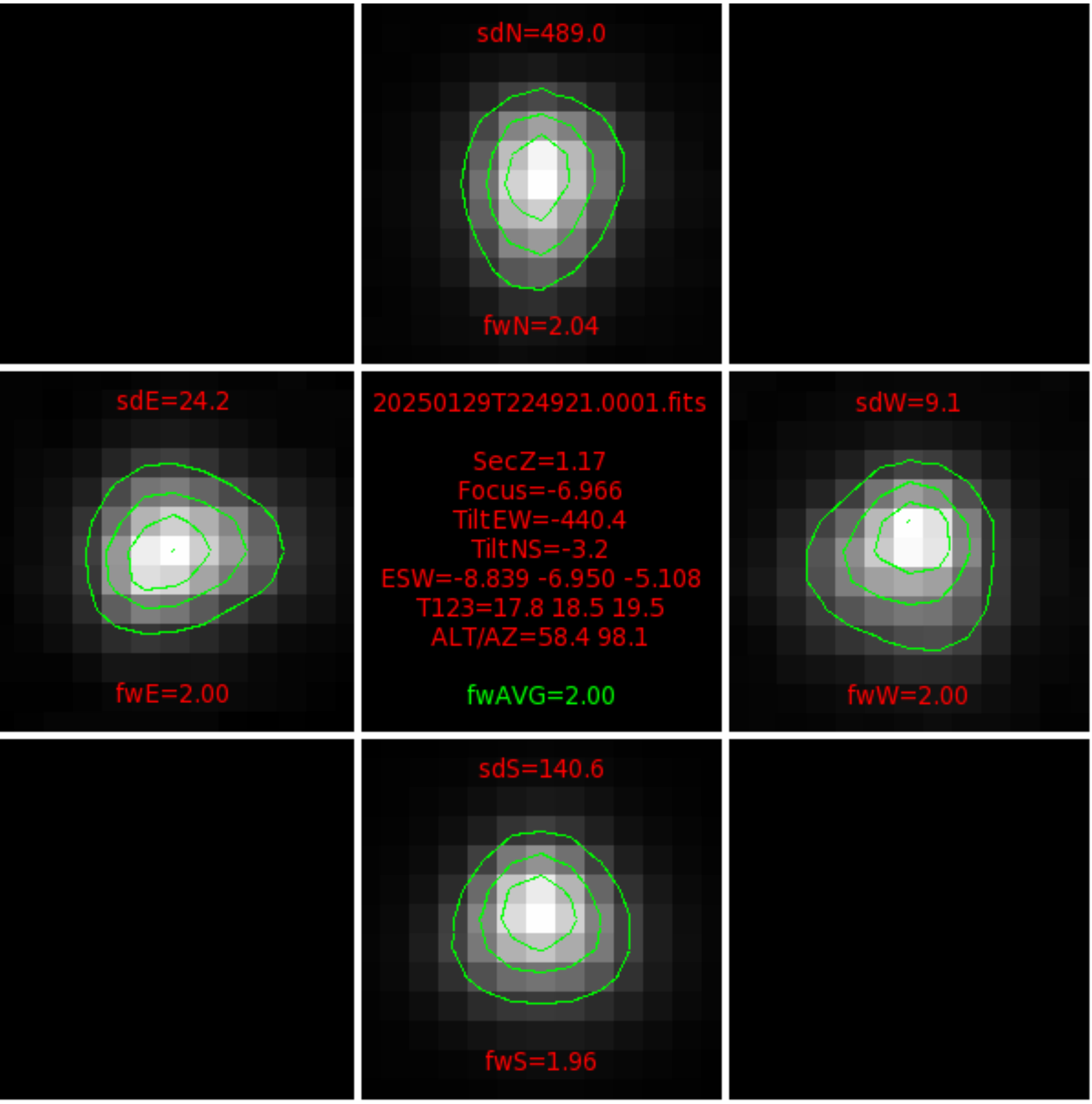
sdN=489.0
fwN=2.04
sdE=24.2
fwE=2.00
20250129T224921.0001.fits
SecZ=1.17
Focus=-6.966
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.839 -6.950 -5.108
T123=17.8 18.5 19.5
ALT/AZ=58.4 98.1
fwAVG=2.00
sdW=9.1
fwW=2.00
sdS=140.6
fwS=1.96
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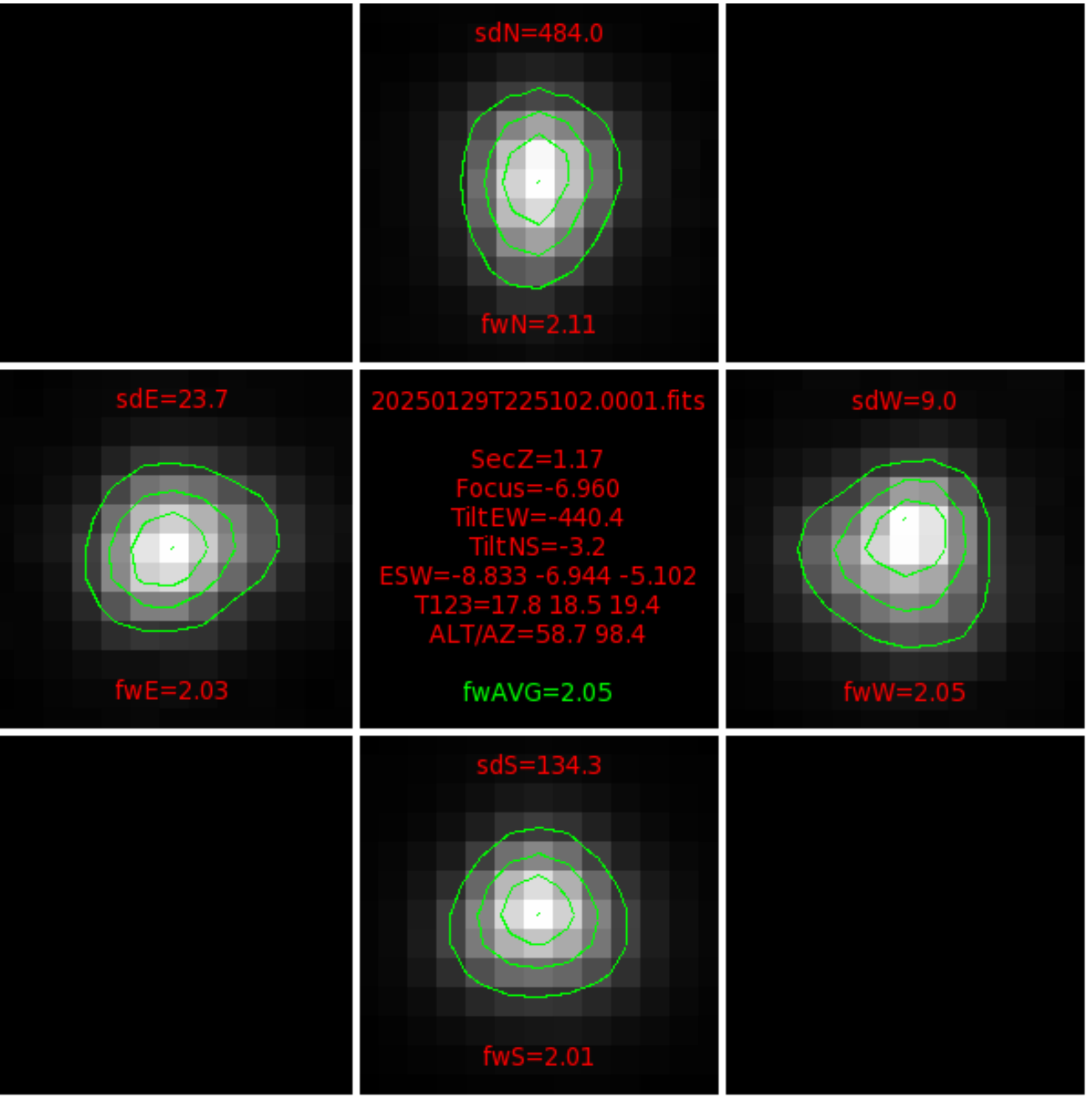
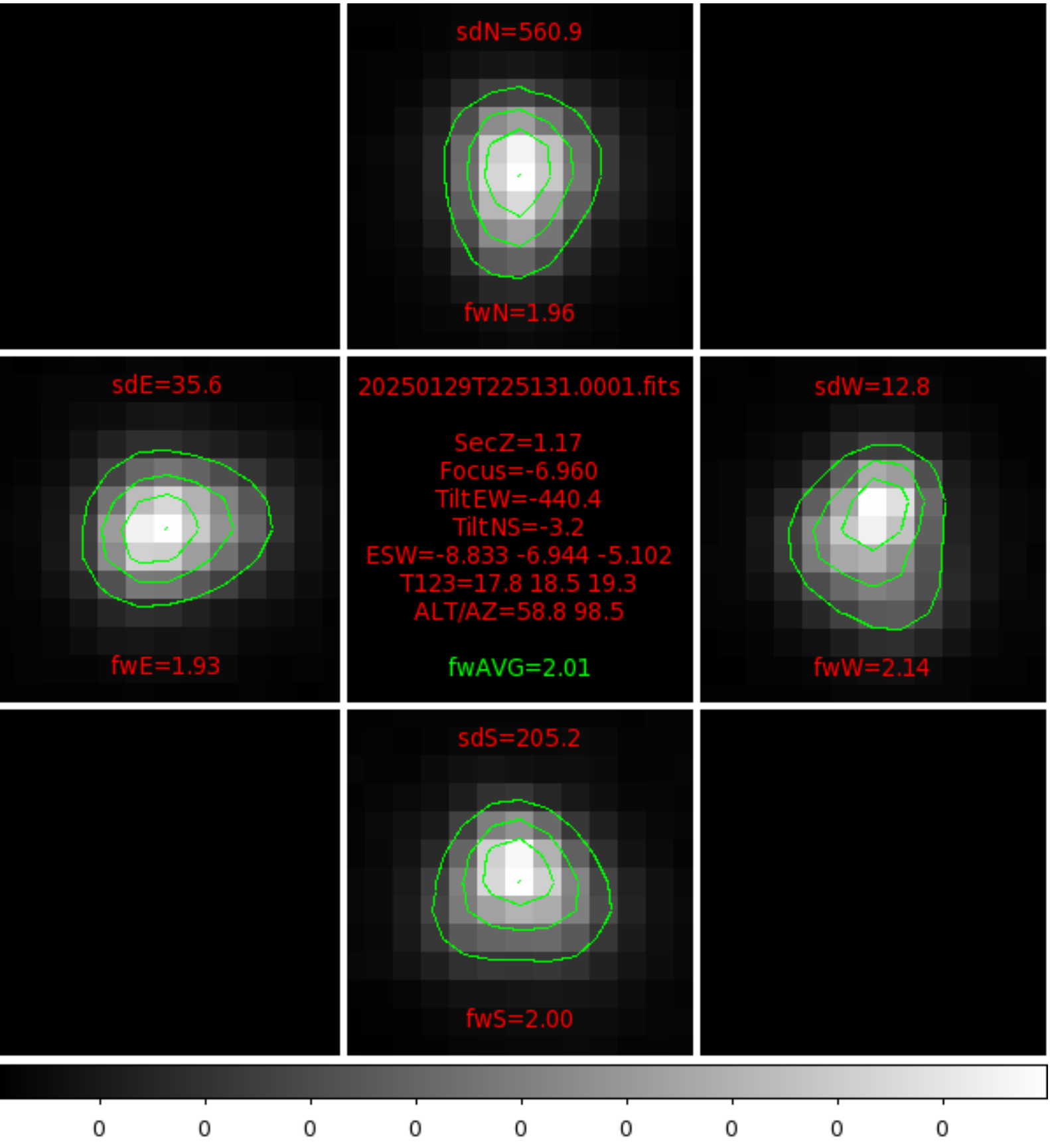
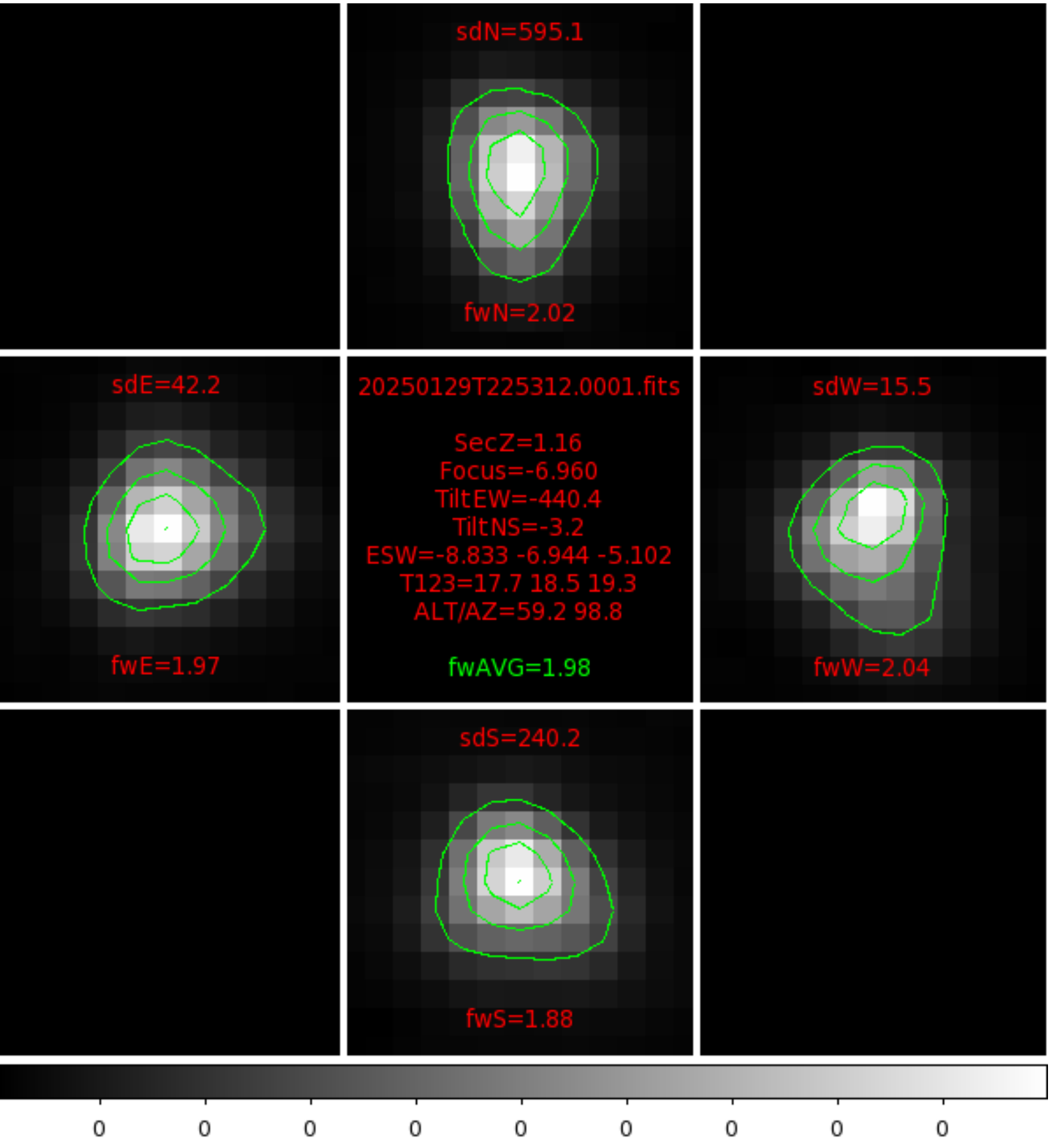

sdN=484.0
fwN=2.11
sdE=23.7
fwE=2.03
20250129T225102.0001.fits
SecZ=1.17
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.8 18.5 19.4
ALT/AZ=58.7 98.4
fwAVG=2.05
sdW=9.0
fwW=2.05
sdS=134.3
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=560.9
fwN=1.96
sdE=35.6
fwE=1.93
20250129T225131.0001.fits
SecZ=1.17
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.8 18.5 19.3
ALT/AZ=58.8 98.5
fwAVG=2.01
sdW=12.8
fwW=2.14
sdS=205.2
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=595.1
fwN=2.02
sdE=42.2
fwE=1.97
20250129T225312.0001.fits
SecZ=1.16
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.7 18.5 19.3
ALT/AZ=59.2 98.8
fwAVG=1.98
sdW=15.5
fwW=2.04
sdS=240.2
fwS=1.88
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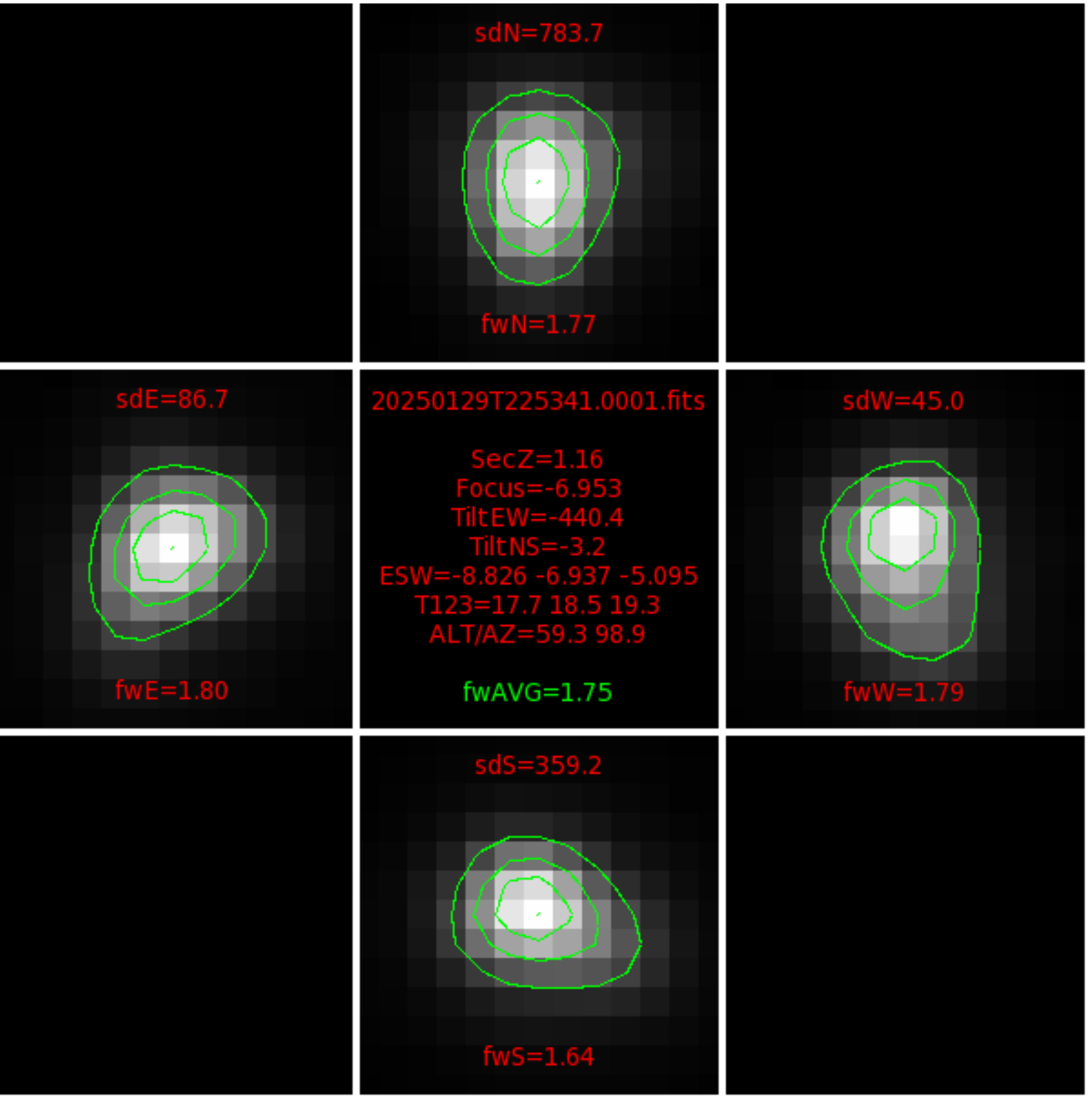
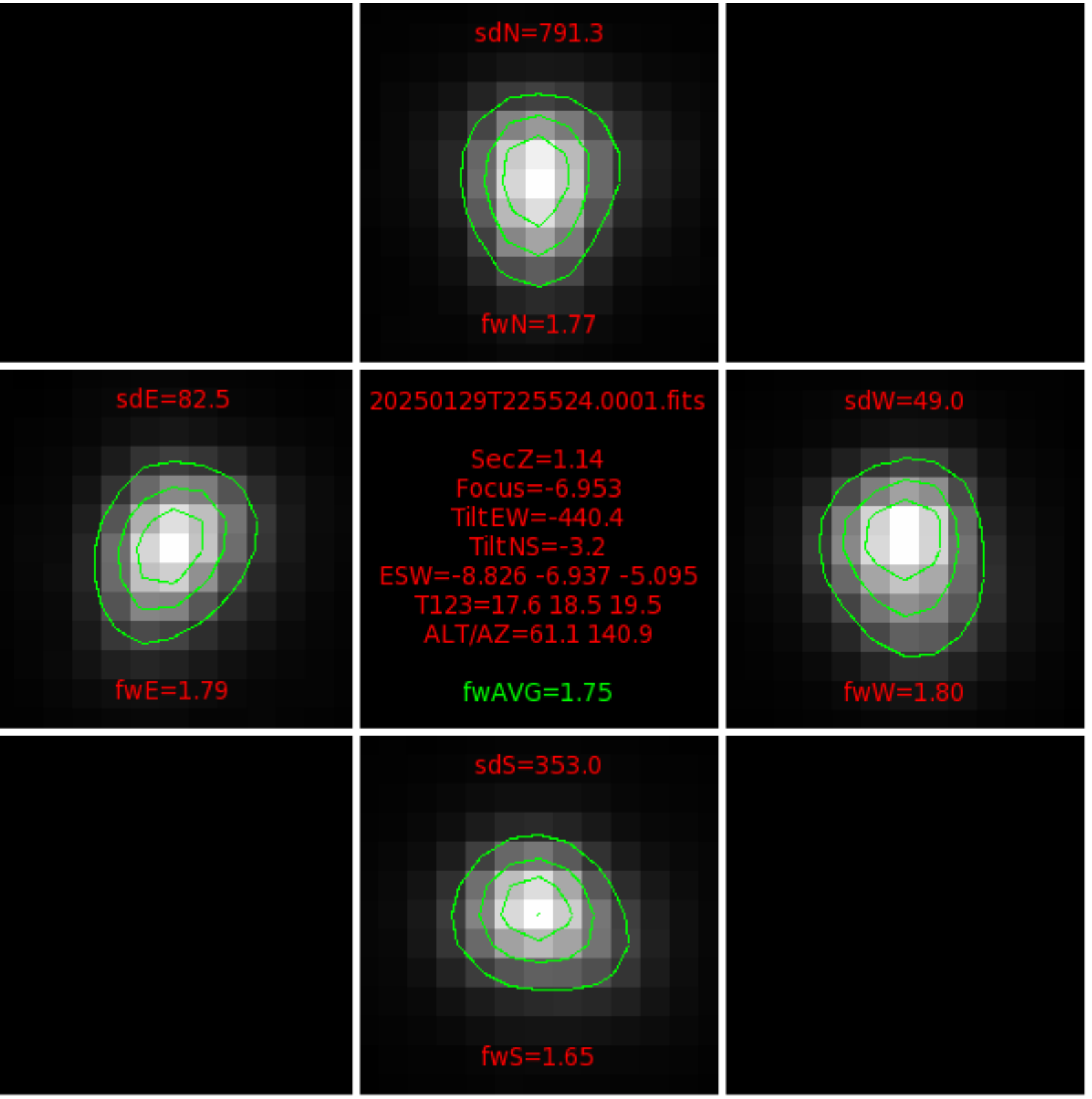
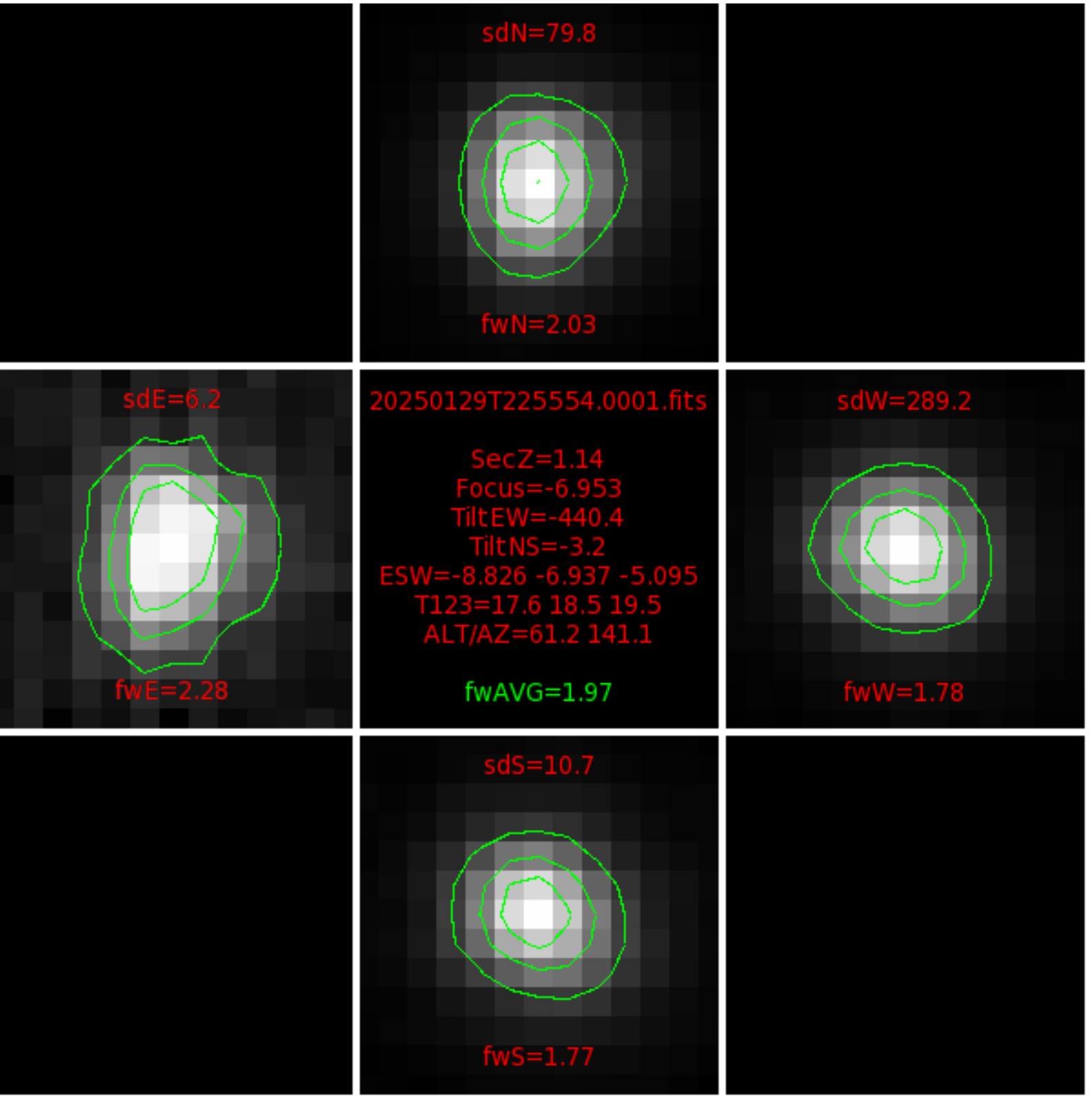
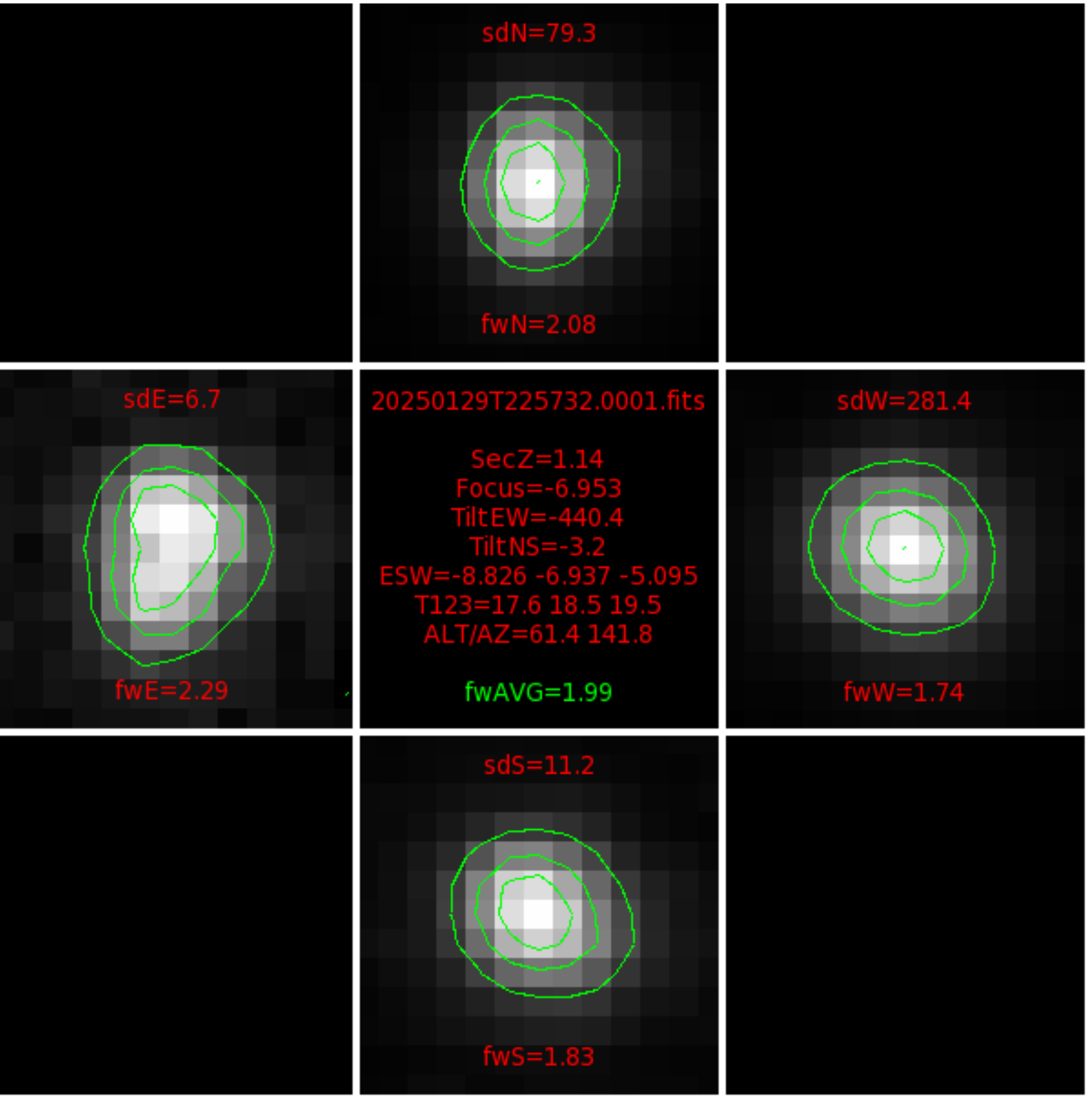

sdN=783.7
fwN=1.77
sdE=86.7
fwE=1.80
20250129T225341.0001.fits
SecZ=1.16
Focus=-6.953
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.826 -6.937 -5.095
T123=17.7 18.5 19.3
ALT/AZ=59.3 98.9
fwAVG=1.75
sdW=45.0
fwW=1.79
sdS=359.2
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=791.3
fwN=1.77
sdE=82.5
fwE=1.79
20250129T225524.0001.fits
SecZ=1.14
Focus=-6.953
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.826 -6.937 -5.095
T123=17.6 18.5 19.5
ALT/AZ=61.1 140.9
fwAVG=1.75
sdW=49.0
fwW=1.80
sdS=353.0
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=79.8
fwN=2.03
sdE=6.2
fwE=2.28
20250129T225554.0001.fits
SecZ=1.14
Focus=-6.953
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.826 -6.937 -5.095
T123=17.6 18.5 19.5
ALT/AZ=61.2 141.1
fwAVG=1.97
sdW=289.2
fwW=1.78
sdS=10.7
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=79.3
fwN=2.08
sdE=6.7
fwE=2.29
20250129T225732.0001.fits
SecZ=1.14
Focus=-6.953
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.826 -6.937 -5.095
T123=17.6 18.5 19.5
ALT/AZ=61.4 141.8
fwAVG=1.99
sdW=281.4
fwW=1.74
sdS=11.2
fwS=1.83
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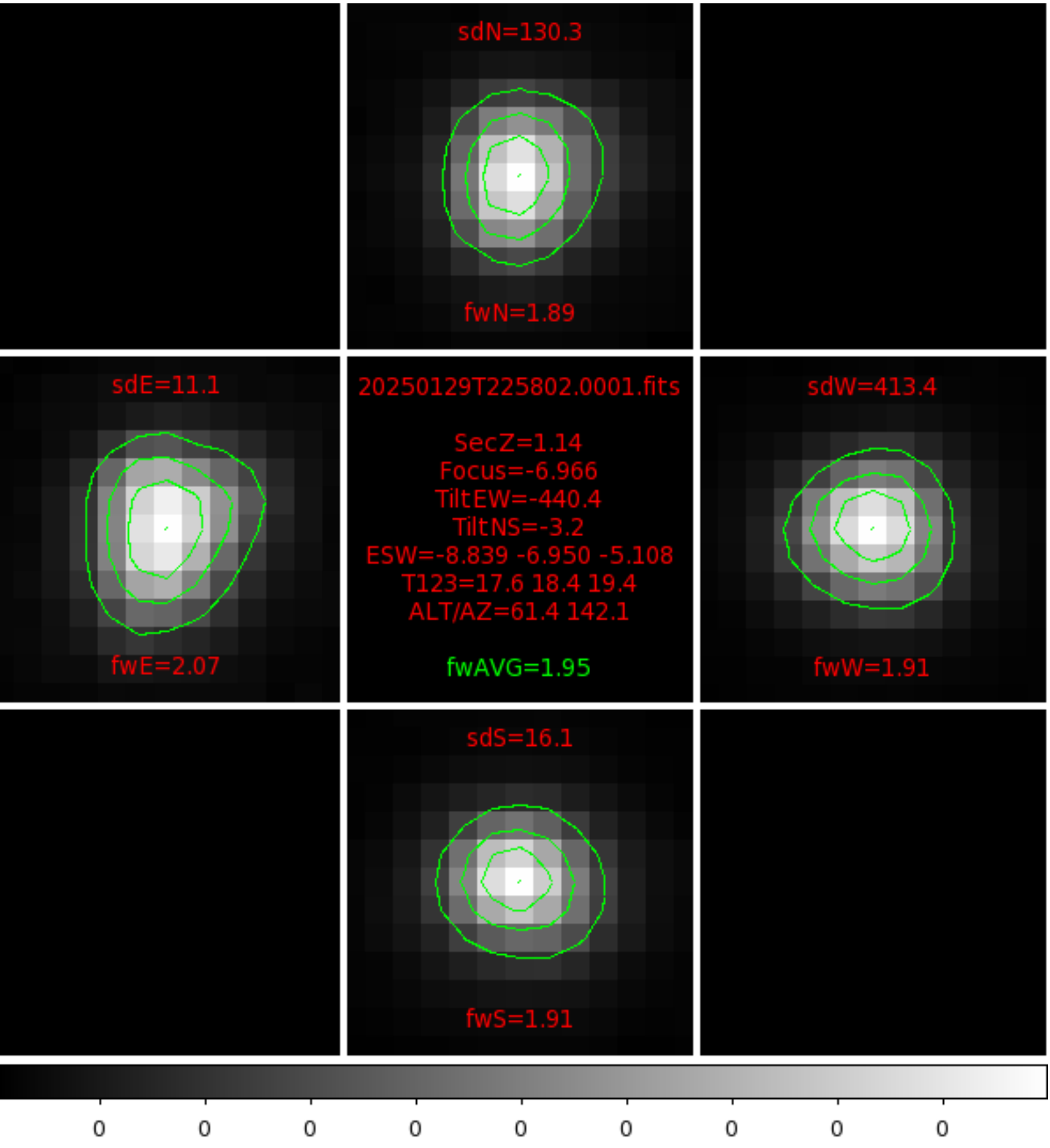
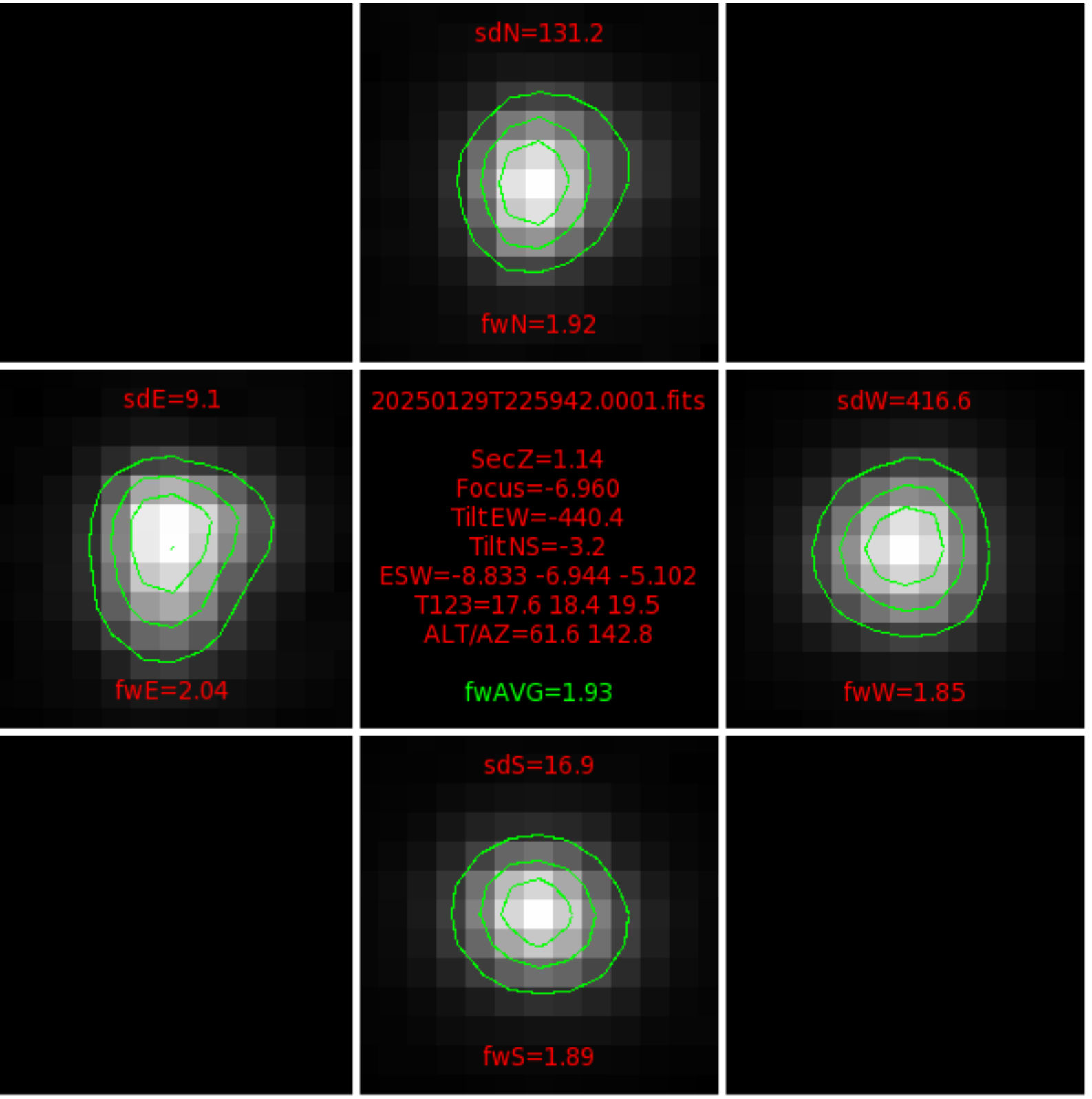
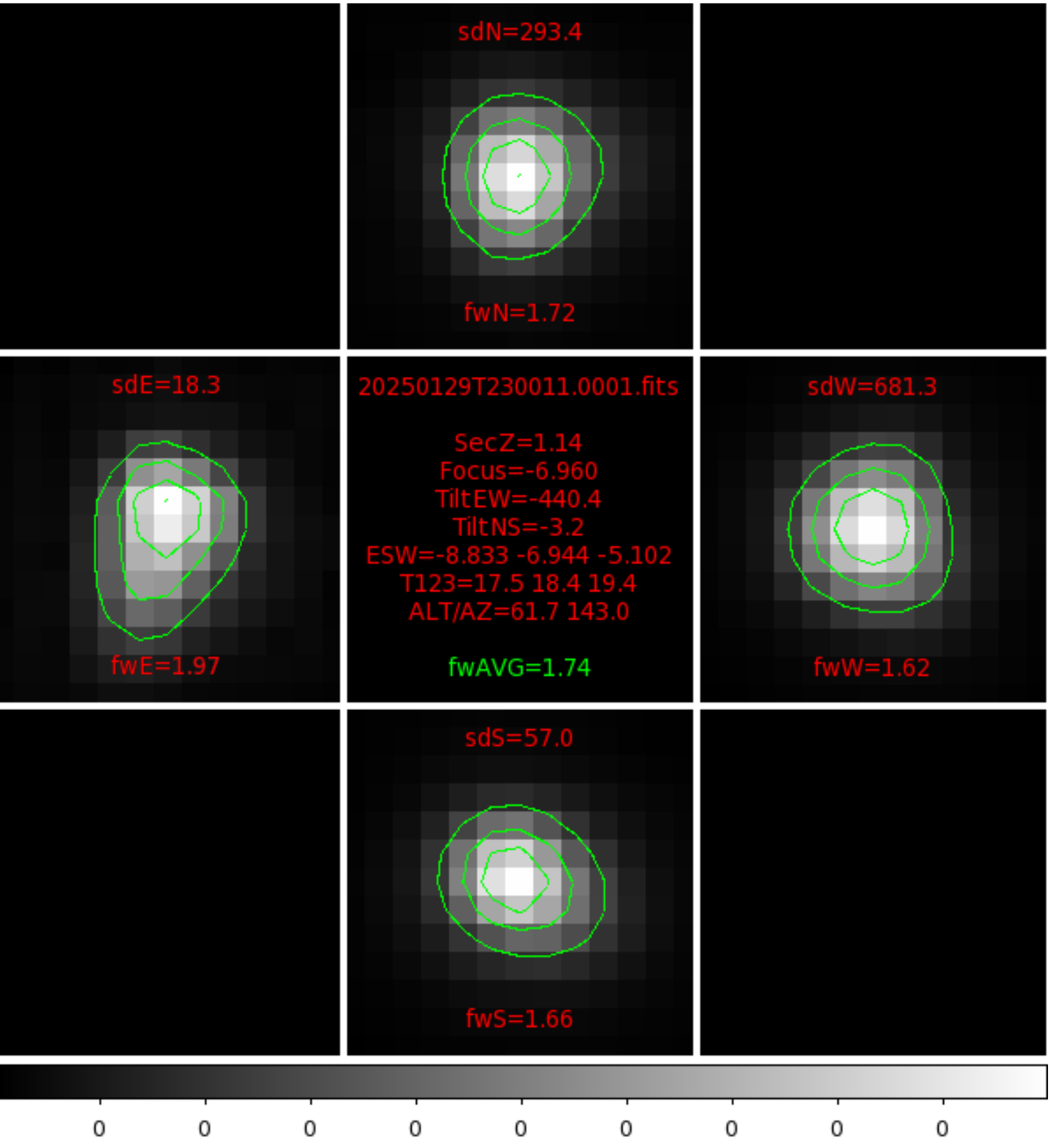
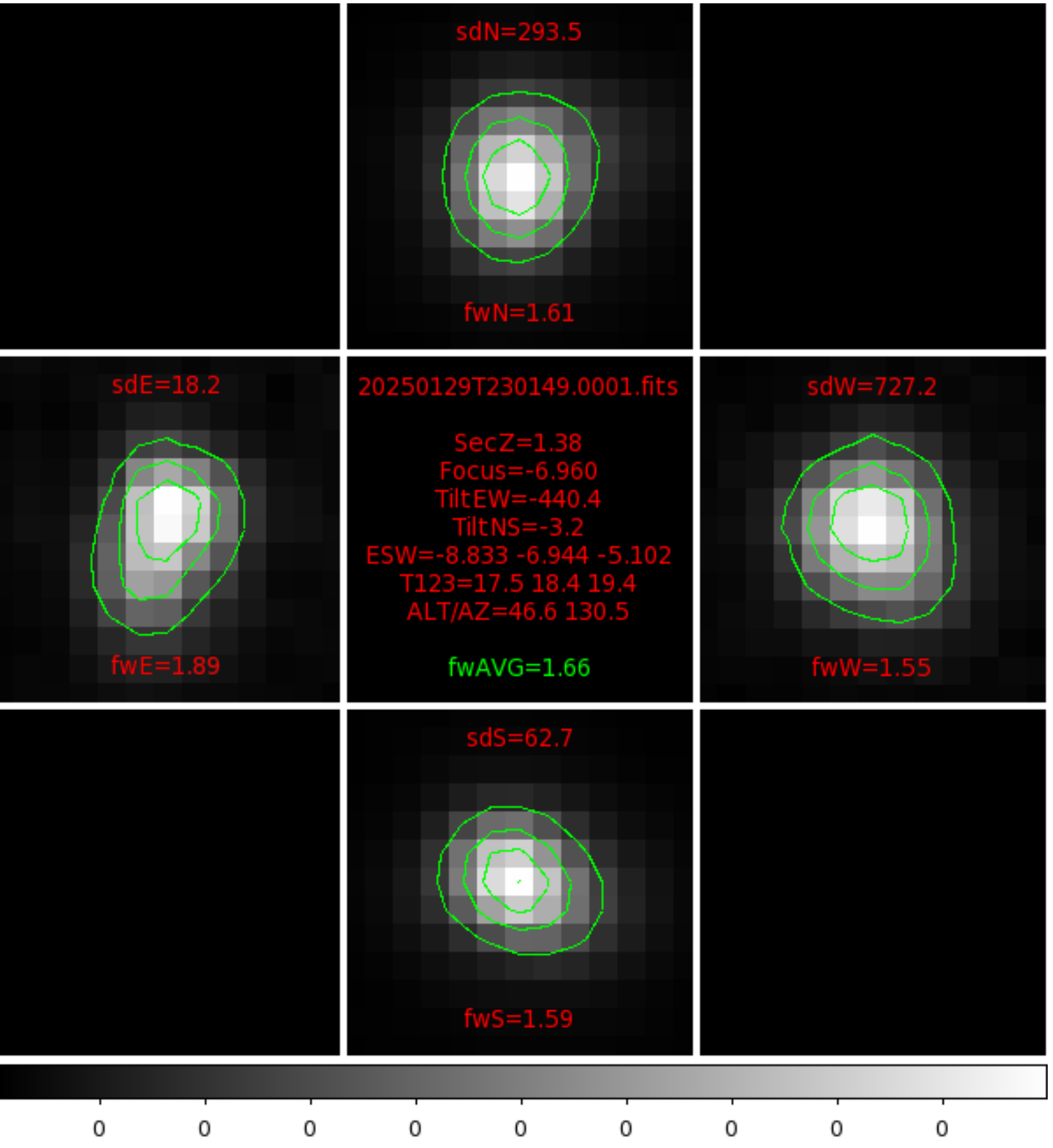
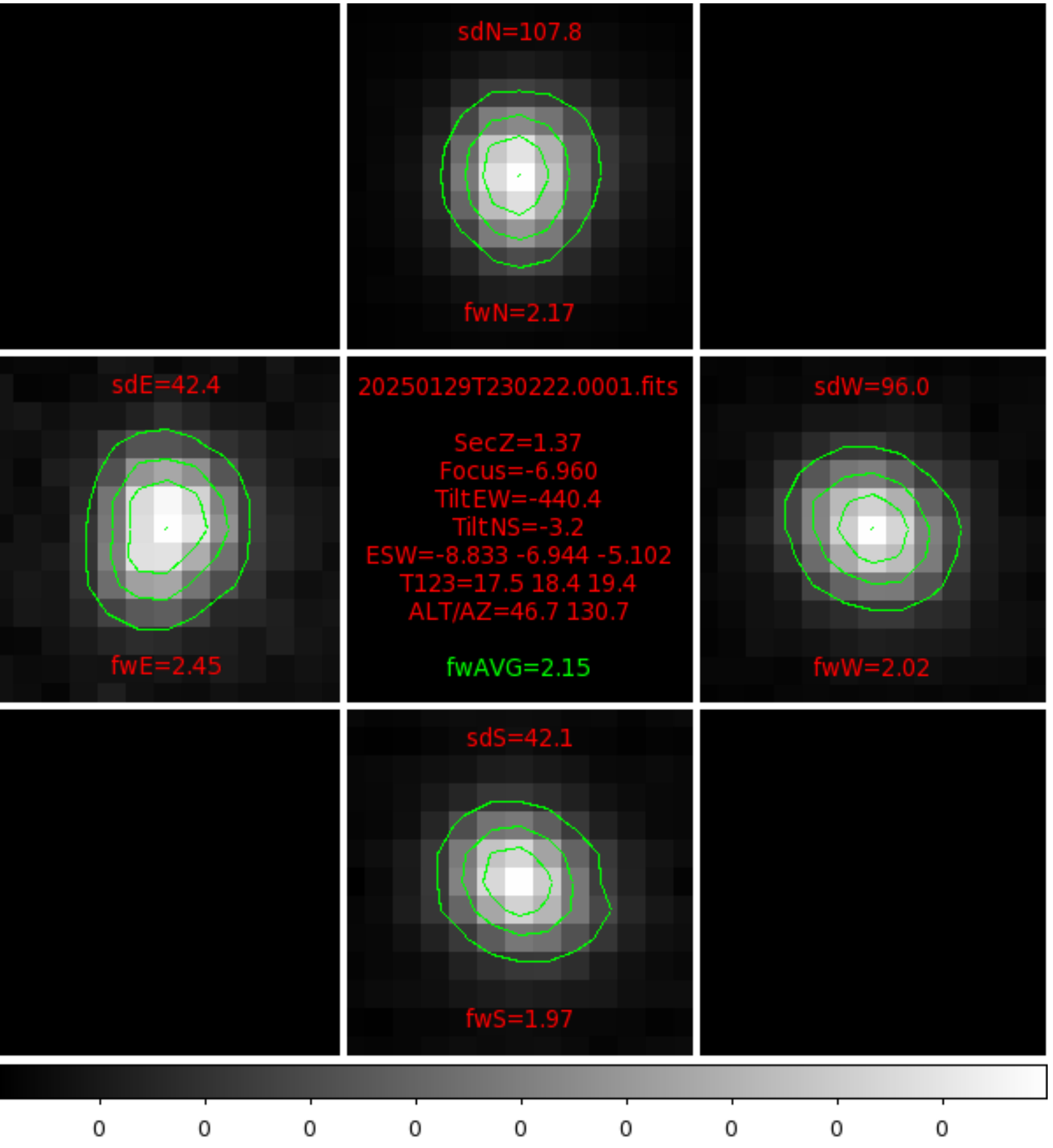
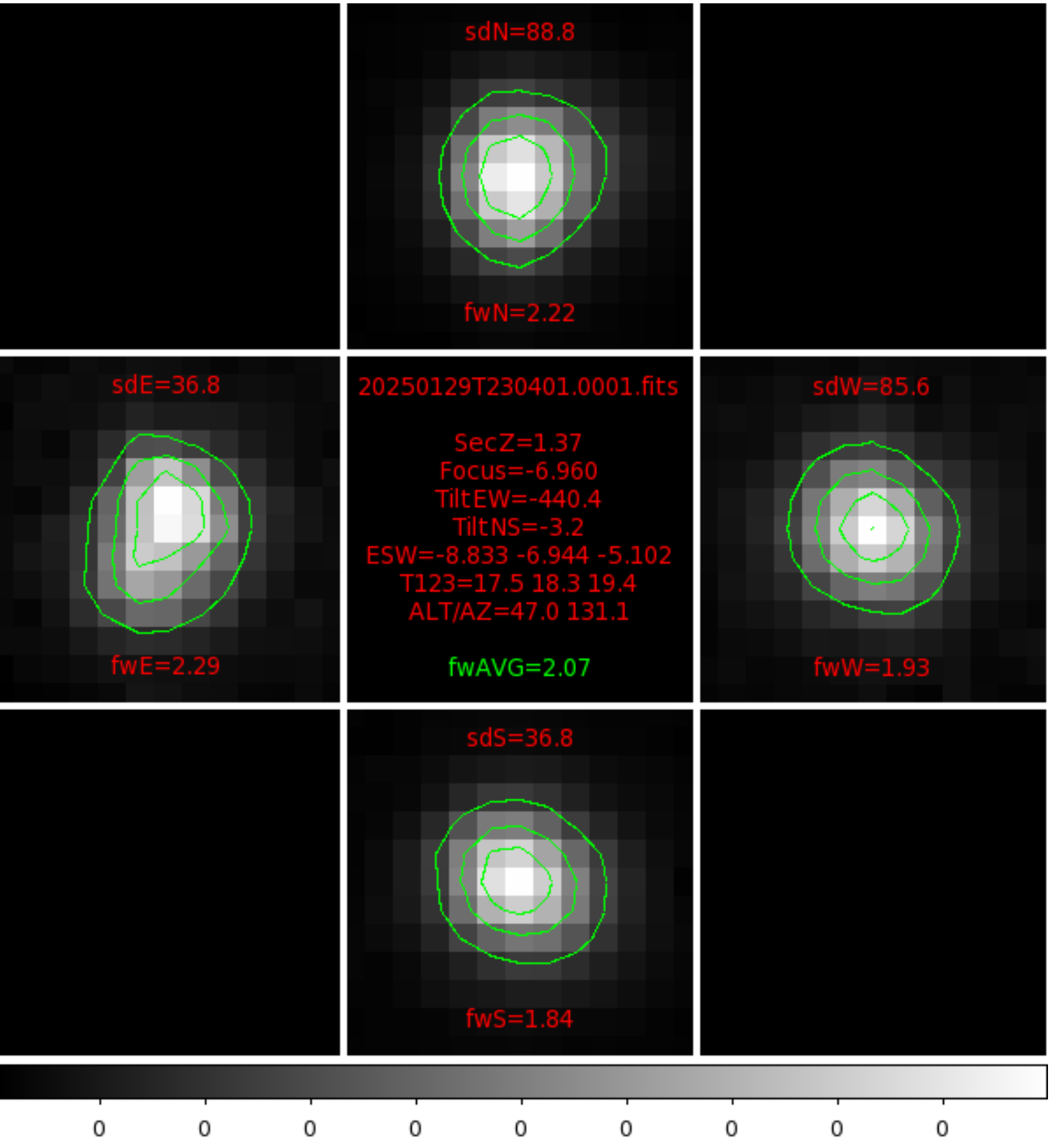

sdN=130.3
fwN=1.89
sdE=11.1
fwE=2.07
20250129T225802.0001.fits
SecZ=1.14
Focus=-6.966
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.839 -6.950 -5.108
T123=17.6 18.4 19.4
ALT/AZ=61.4 142.1
fwAVG=1.95
sdW=413.4
fwW=1.91
sdS=16.1
fwS=1.91
0 0 0 0 0 0 0 0 0

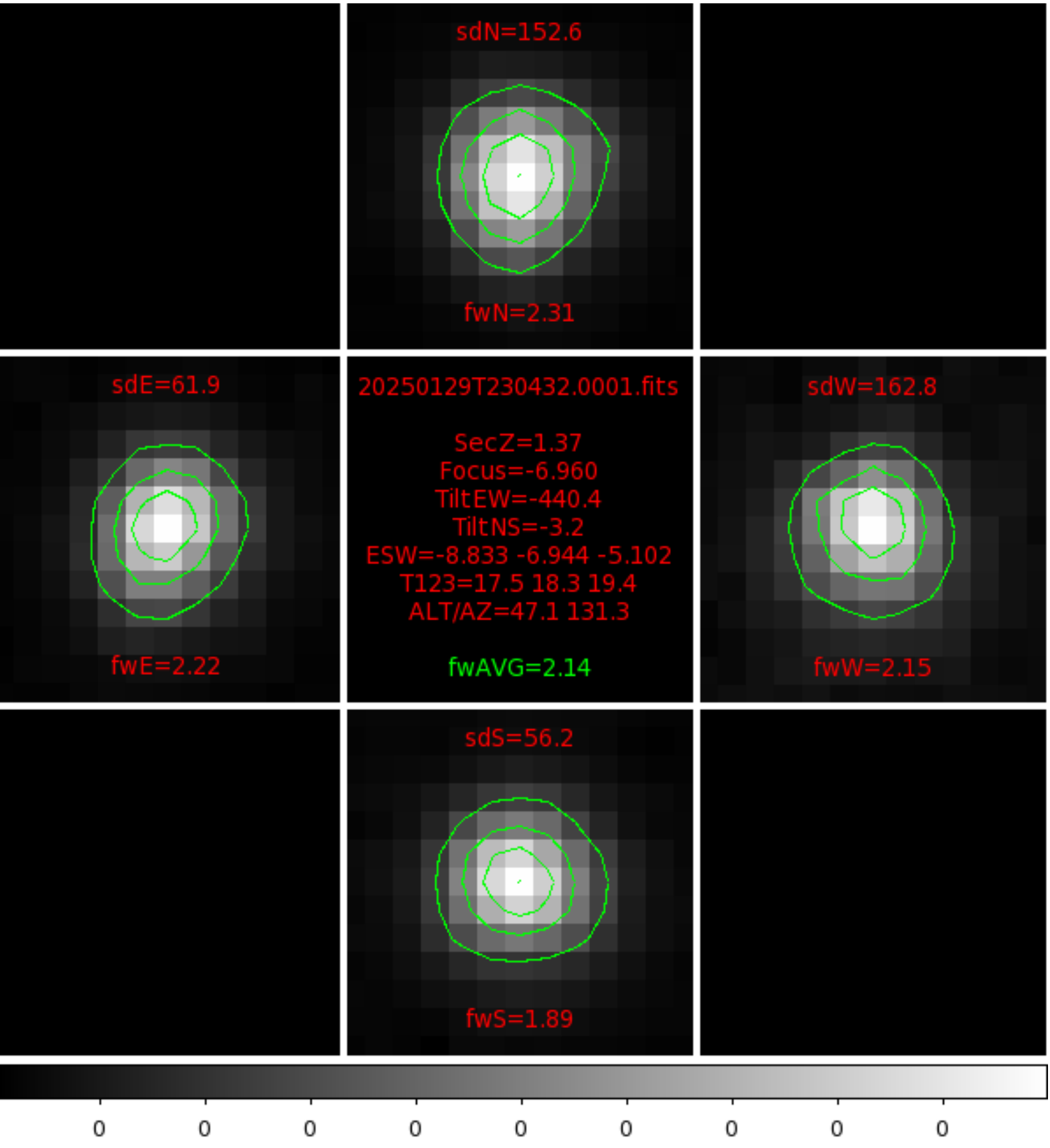

sdN=131.2
fwN=1.92
sdE=9.1
fwE=2.04
20250129T225942.0001.fits
SecZ=1.14
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.6 18.4 19.5
ALT/AZ=61.6 142.8
fwAVG=1.93
sdW=416.6
fwW=1.85
sdS=16.9
fwS=1.89
0 0 0 0 0 0 0 0 0

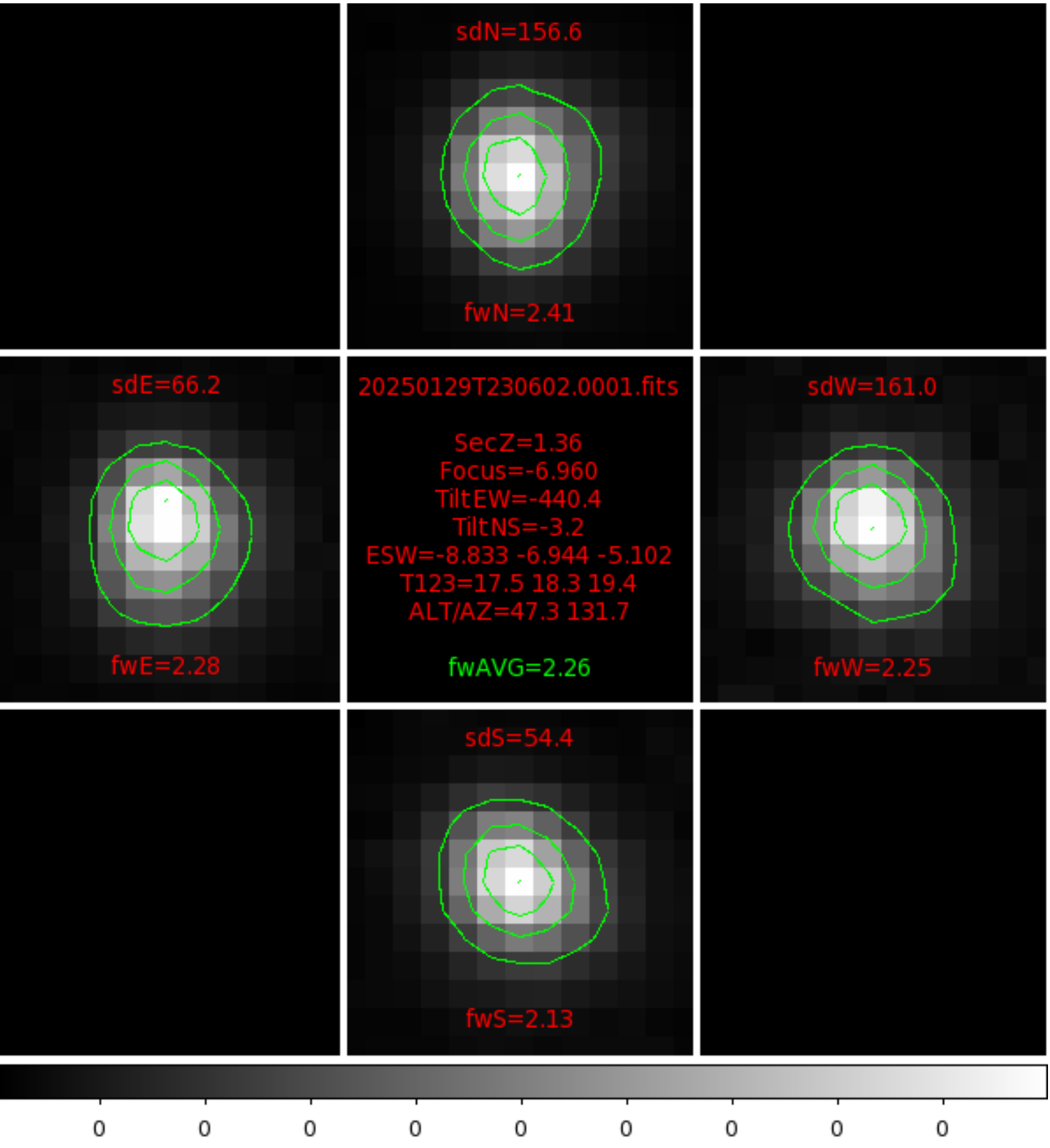

sdN=293.4
fwN=1.72
sdE=18.3
fwE=1.97
20250129T230011.0001.fits
SecZ=1.14
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.4 19.4
ALT/AZ=61.7 143.0
fwAVG=1.74
sdW=681.3
fwW=1.62
sdS=57.0
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=293.5
fwN=1.61
sdE=18.2
fwE=1.89
20250129T230149.0001.fits
SecZ=1.38
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.4 19.4
ALT/AZ=46.6 130.5
fwAVG=1.66
sdW=727.2
fwW=1.55
sdS=62.7
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=107.8
fwN=2.17
sdE=42.4
fwE=2.45
20250129T230222.0001.fits
SecZ=1.37
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.4 19.4
ALT/AZ=46.7 130.7
fwAVG=2.15
sdW=96.0
fwW=2.02
sdS=42.1
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=88.8
fwN=2.22
sdE=36.8
fwE=2.29
20250129T230401.0001.fits
SecZ=1.37
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.3 19.4
ALT/AZ=47.0 131.1
fwAVG=2.07
sdW=85.6
fwW=1.93
sdS=36.8
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=152.6
fwN=2.31
sdE=61.9
fwE=2.22
20250129T230432.0001.fits
SecZ=1.37
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.3 19.4
ALT/AZ=47.1 131.3
fwAVG=2.14
sdW=162.8
fwW=2.15
sdS=56.2
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=156.6
fwN=2.41
sdE=66.2
fwE=2.28
20250129T230602.0001.fits
SecZ=1.36
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.3 19.4
ALT/AZ=47.3 131.7
fwAVG=2.26
sdW=161.0
fwW=2.25
sdS=54.4
fwS=2.13
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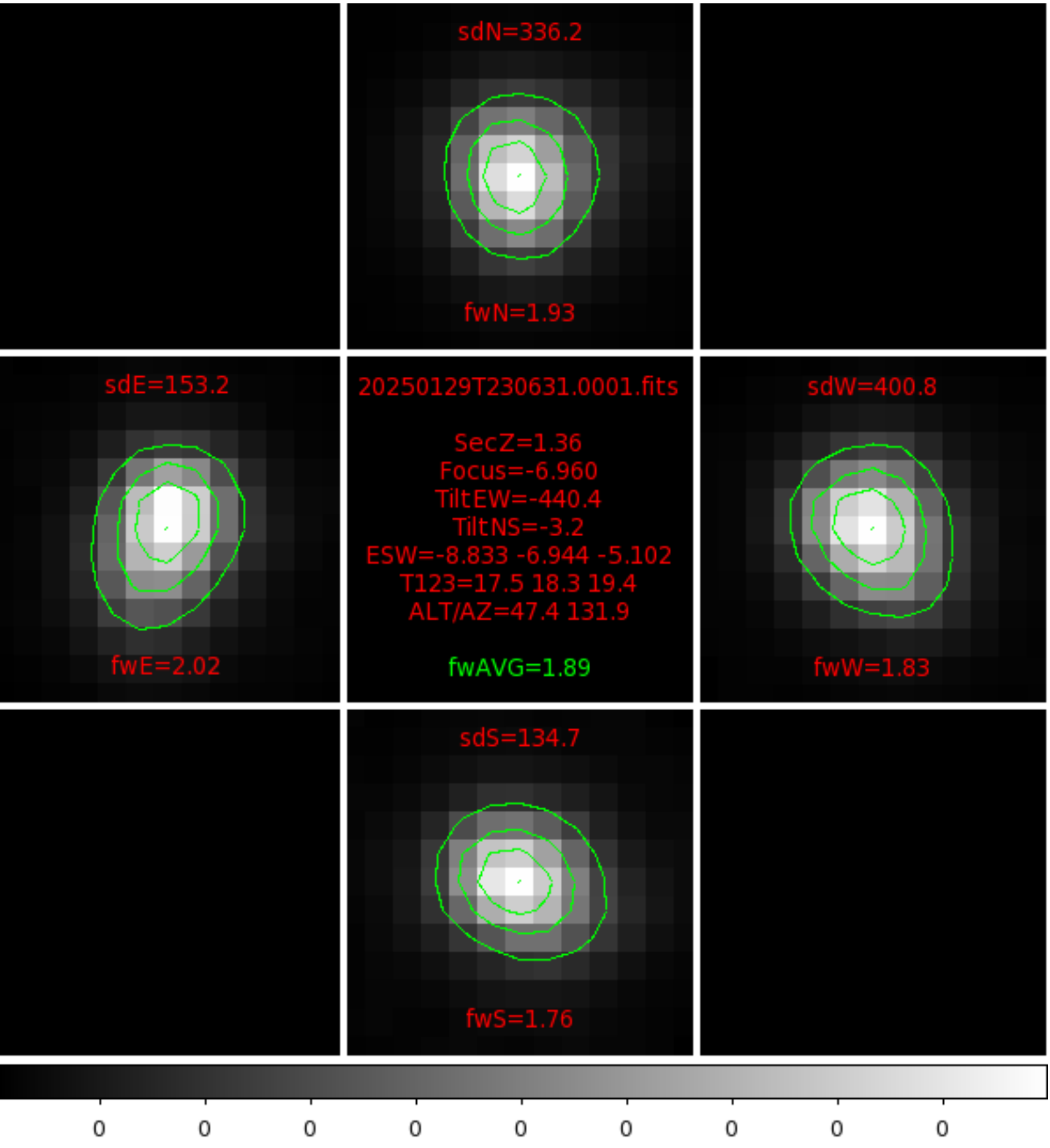
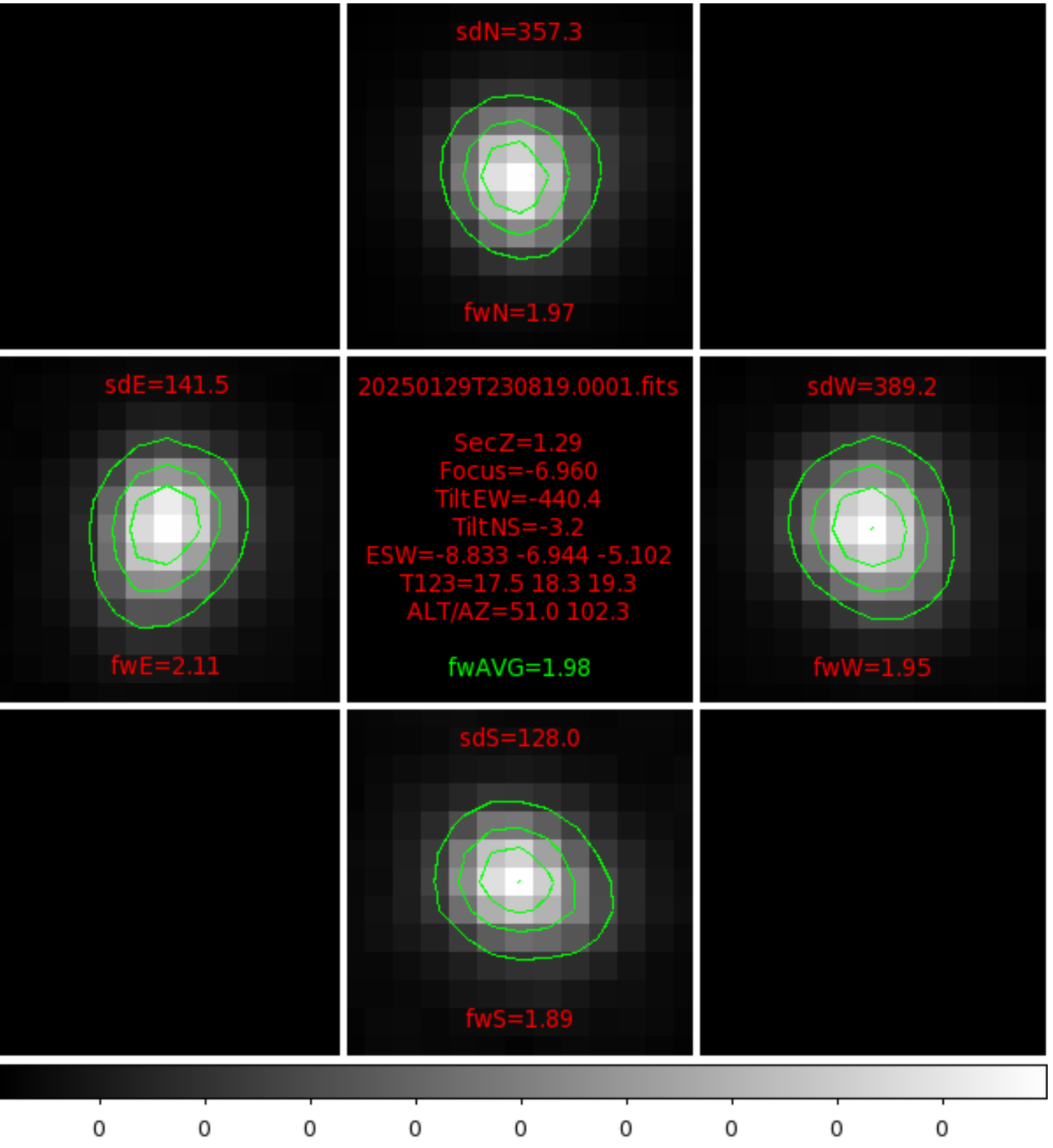
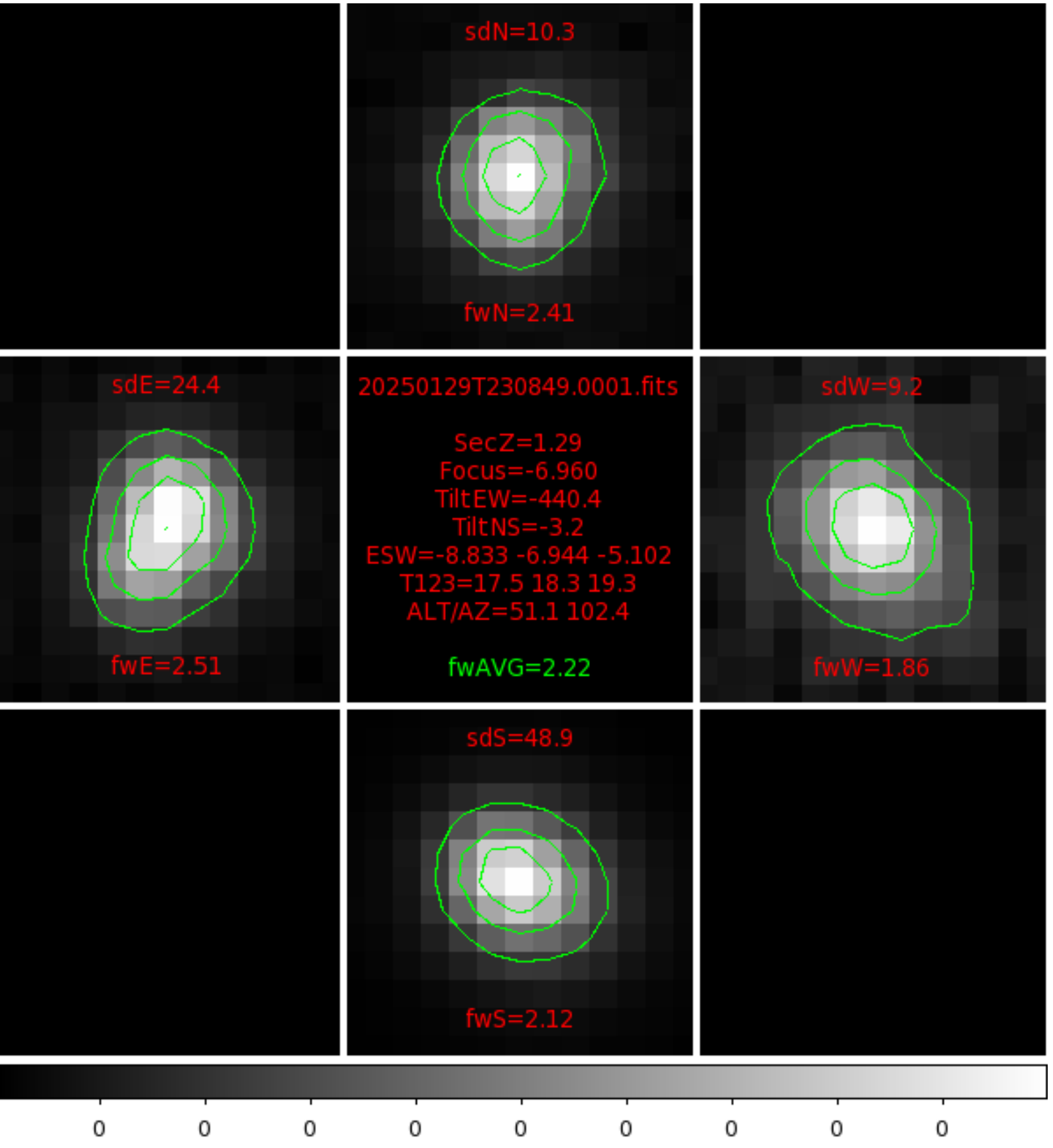

sdN=336.2
fwN=1.93
sdE=153.2
fwE=2.02
20250129T230631.0001.fits
SecZ=1.36
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.3 19.4
ALT/AZ=47.4 131.9
fwAVG=1.89
sdW=400.8
fwW=1.83
sdS=134.7
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=357.3
fwN=1.97
sdE=141.5
fwE=2.11
20250129T230819.0001.fits
SecZ=1.29
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.3 19.3
ALT/AZ=51.0 102.3
fwAVG=1.98
sdW=389.2
fwW=1.95
sdS=128.0
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=10.3
fwN=2.41
sdE=24.4
fwE=2.51
20250129T230849.0001.fits
SecZ=1.29
Focus=-6.960
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.833 -6.944 -5.102
T123=17.5 18.3 19.3
ALT/AZ=51.1 102.4
fwAVG=2.22
sdW=9.2
fwW=1.86
sdS=48.9
fwS=2.12
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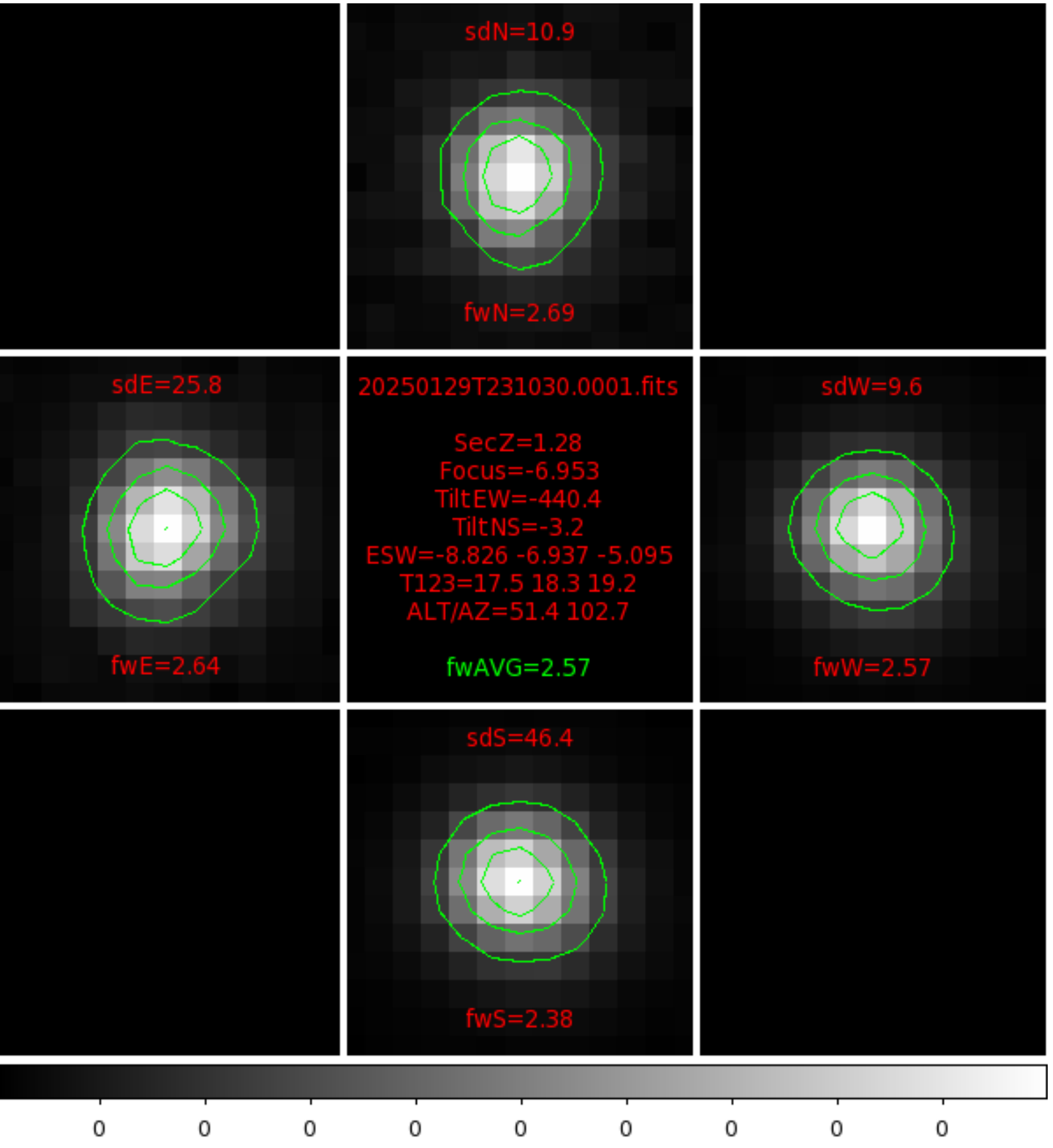
sdN=10.9
fwN=2.69
sdE=25.8
fwE=2.64
20250129T231030.0001.fits
SecZ=1.28
Focus=-6.953
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.826 -6.937 -5.095
T123=17.5 18.3 19.2
ALT/AZ=51.4 102.7
fwAVG=2.57
sdW=9.6
fwW=2.57
sdS=46.4
fwS=2.38
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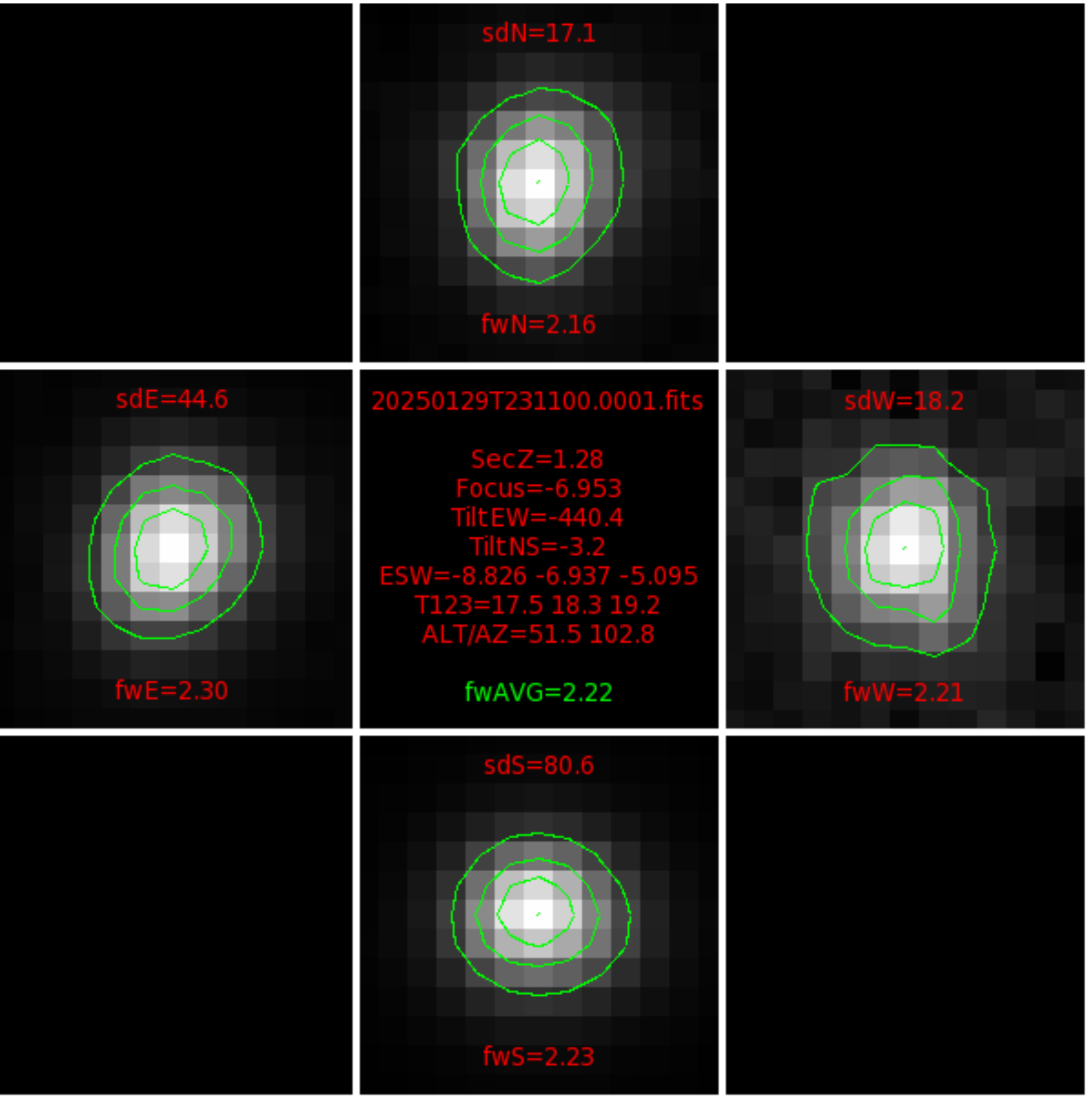
sdN=17.1
fwN=2.16
sdE=44.6
fwE=2.30
20250129T231100.0001.fits
SecZ=1.28
Focus=-6.953
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.826 -6.937 -5.095
T123=17.5 18.3 19.2
ALT/AZ=51.5 102.8
fwAVG=2.22
sdW=18.2
fwW=2.21
sdS=80.6
fwS=2.23
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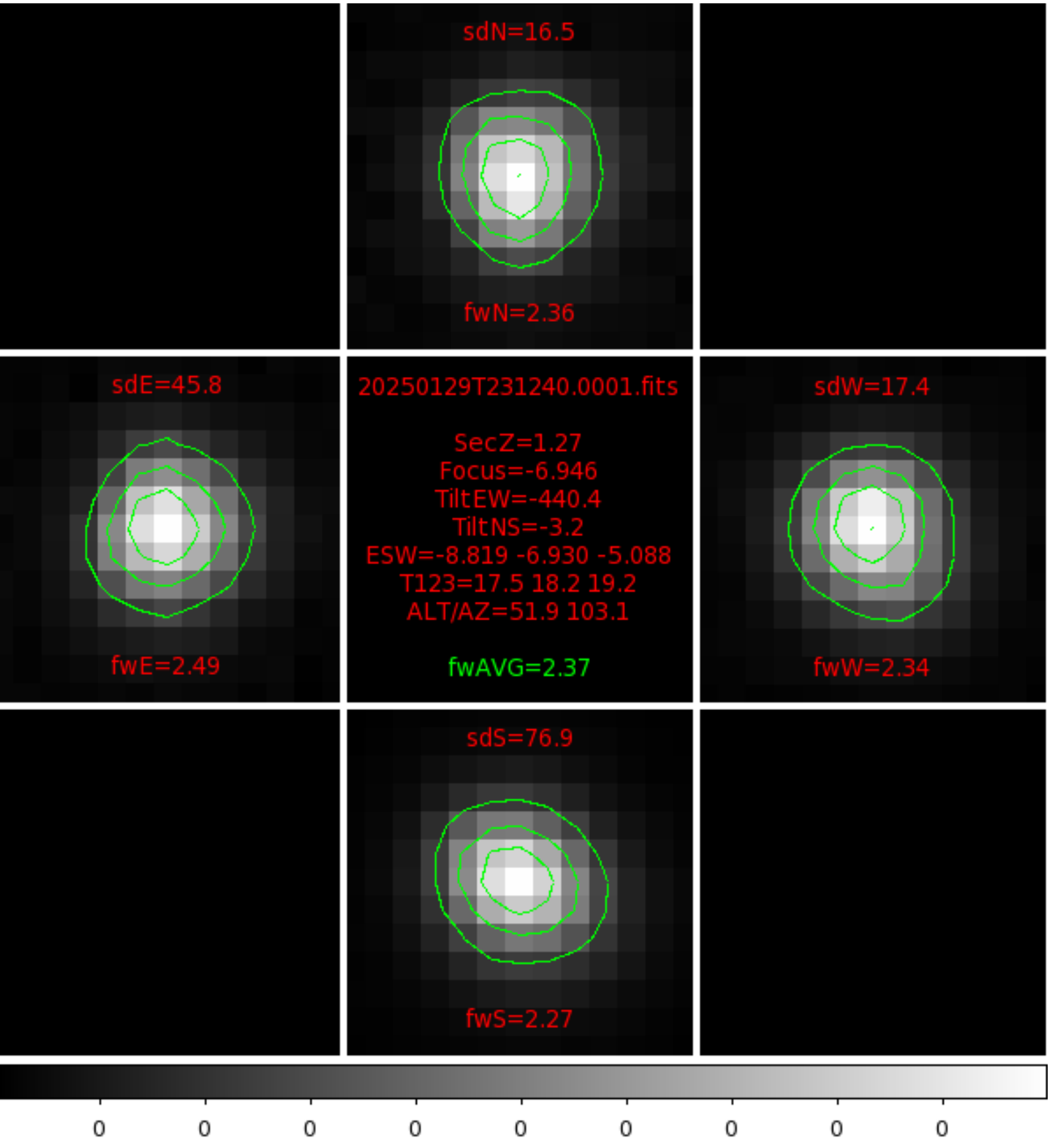
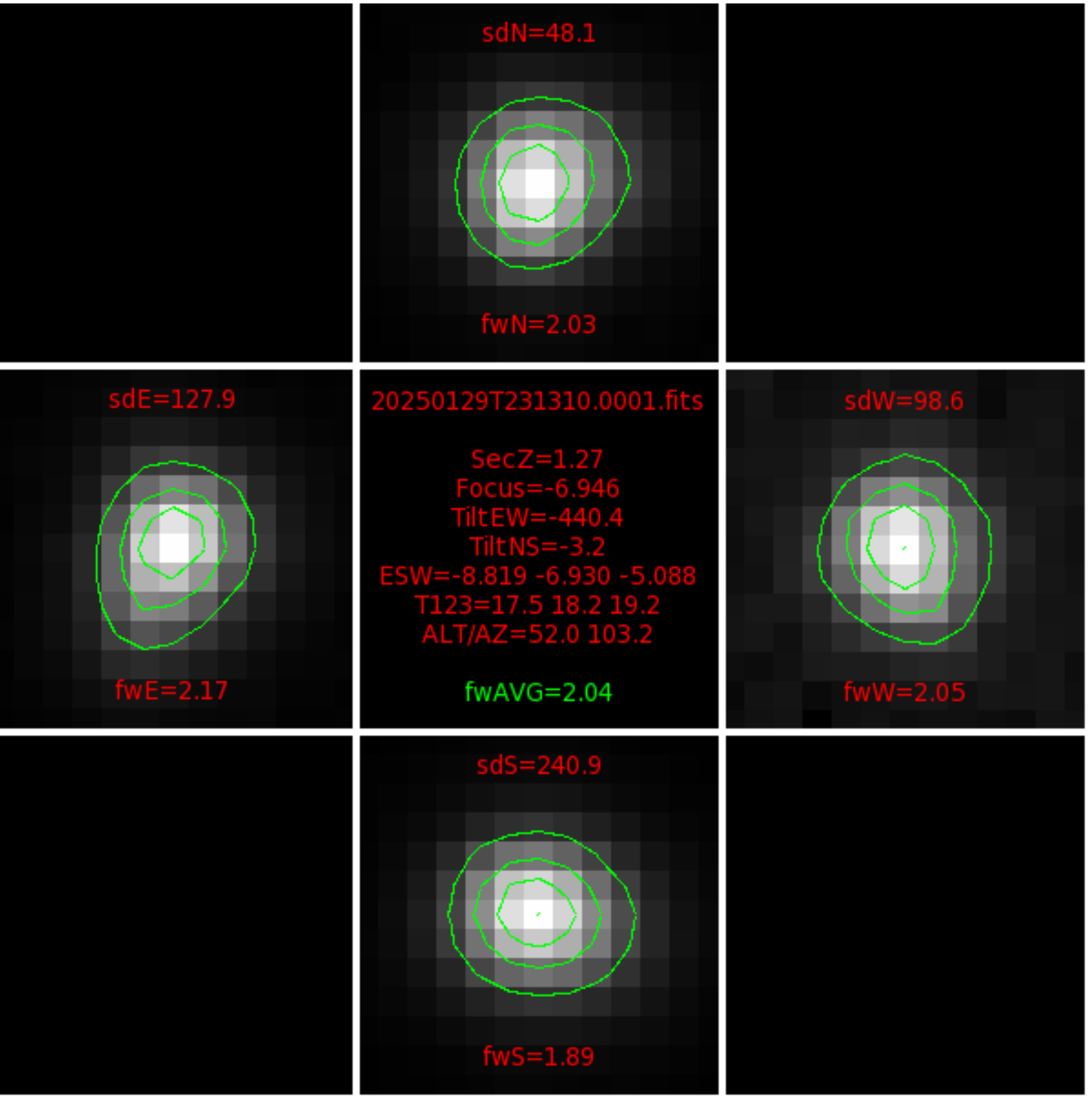
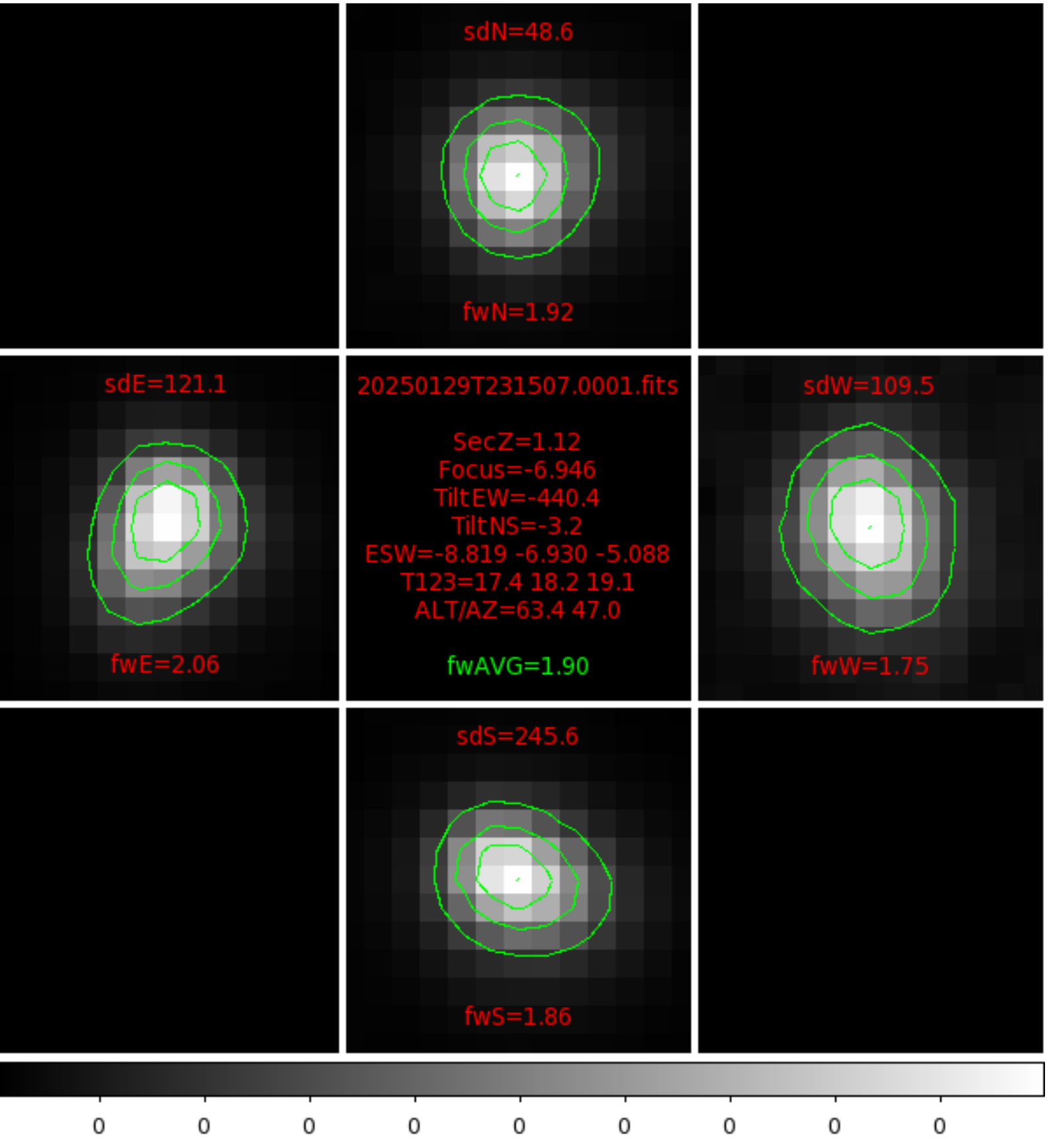

sdN=16.5
fwN=2.36
sdE=45.8
fwE=2.49
20250129T231240.0001.fits
SecZ=1.27
Focus=-6.946
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.819 -6.930 -5.088
T123=17.5 18.2 19.2
ALT/AZ=51.9 103.1
fwAVG=2.37
sdW=17.4
fwW=2.34
sdS=76.9
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=48.1
fwN=2.03
sdE=127.9
fwE=2.17
20250129T231310.0001.fits
SecZ=1.27
Focus=-6.946
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.819 -6.930 -5.088
T123=17.5 18.2 19.2
ALT/AZ=52.0 103.2
fwAVG=2.04
sdW=98.6
fwW=2.05
sdS=240.9
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=48.6
fwN=1.92
sdE=121.1
fwE=2.06
20250129T231507.0001.fits
SecZ=1.12
Focus=-6.946
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.819 -6.930 -5.088
T123=17.4 18.2 19.1
ALT/AZ=63.4 47.0
fwAVG=1.90
sdW=109.5
fwW=1.75
sdS=245.6
fwS=1.86
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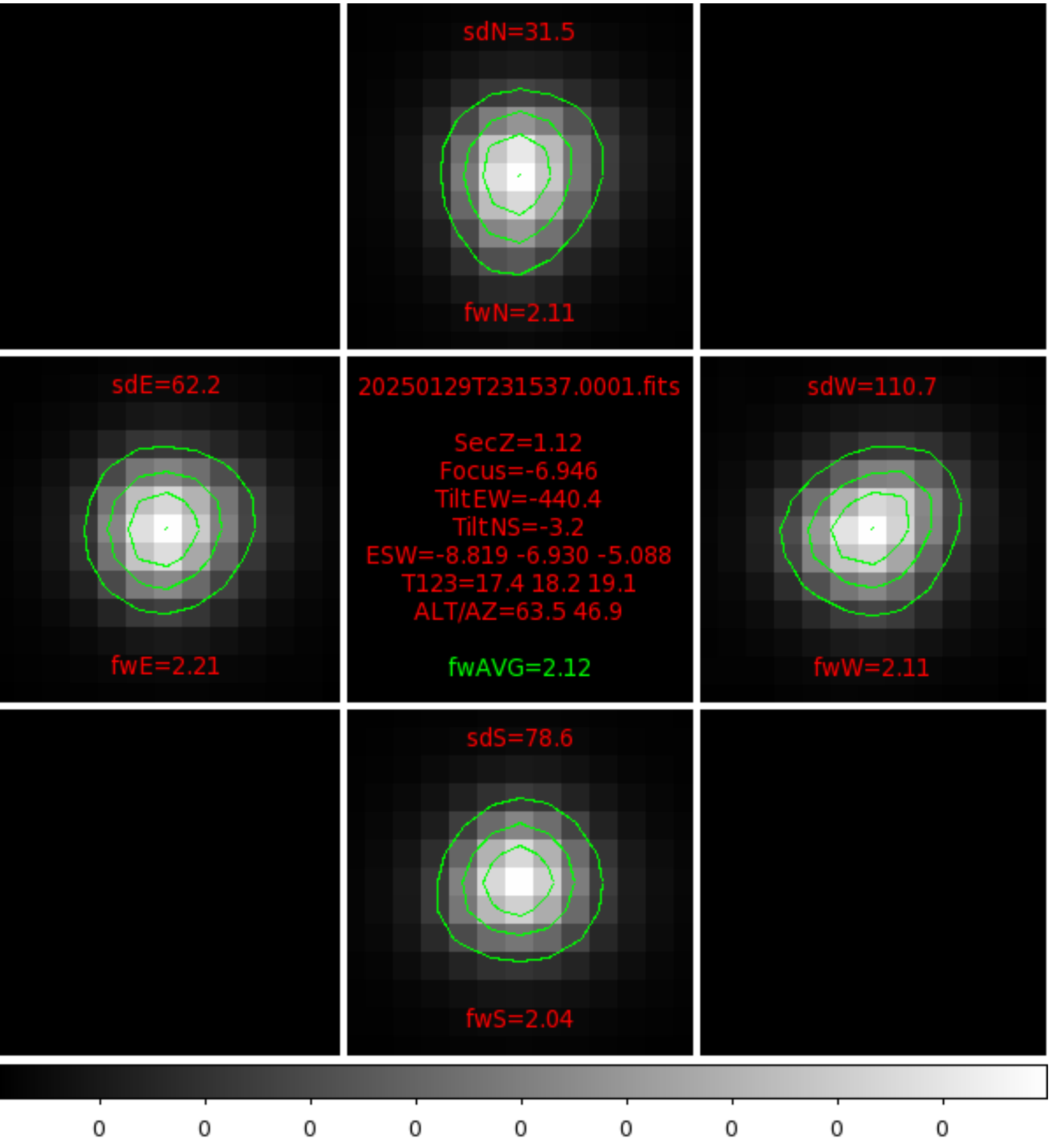
sdN=31.5
fwN=2.11
sdE=62.2
fwE=2.21
20250129T231537.0001.fits
SecZ=1.12
Focus=-6.946
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.819 -6.930 -5.088
T123=17.4 18.2 19.1
ALT/AZ=63.5 46.9
fwAVG=2.12
sdW=110.7
fwW=2.11
sdS=78.6
fwS=2.04
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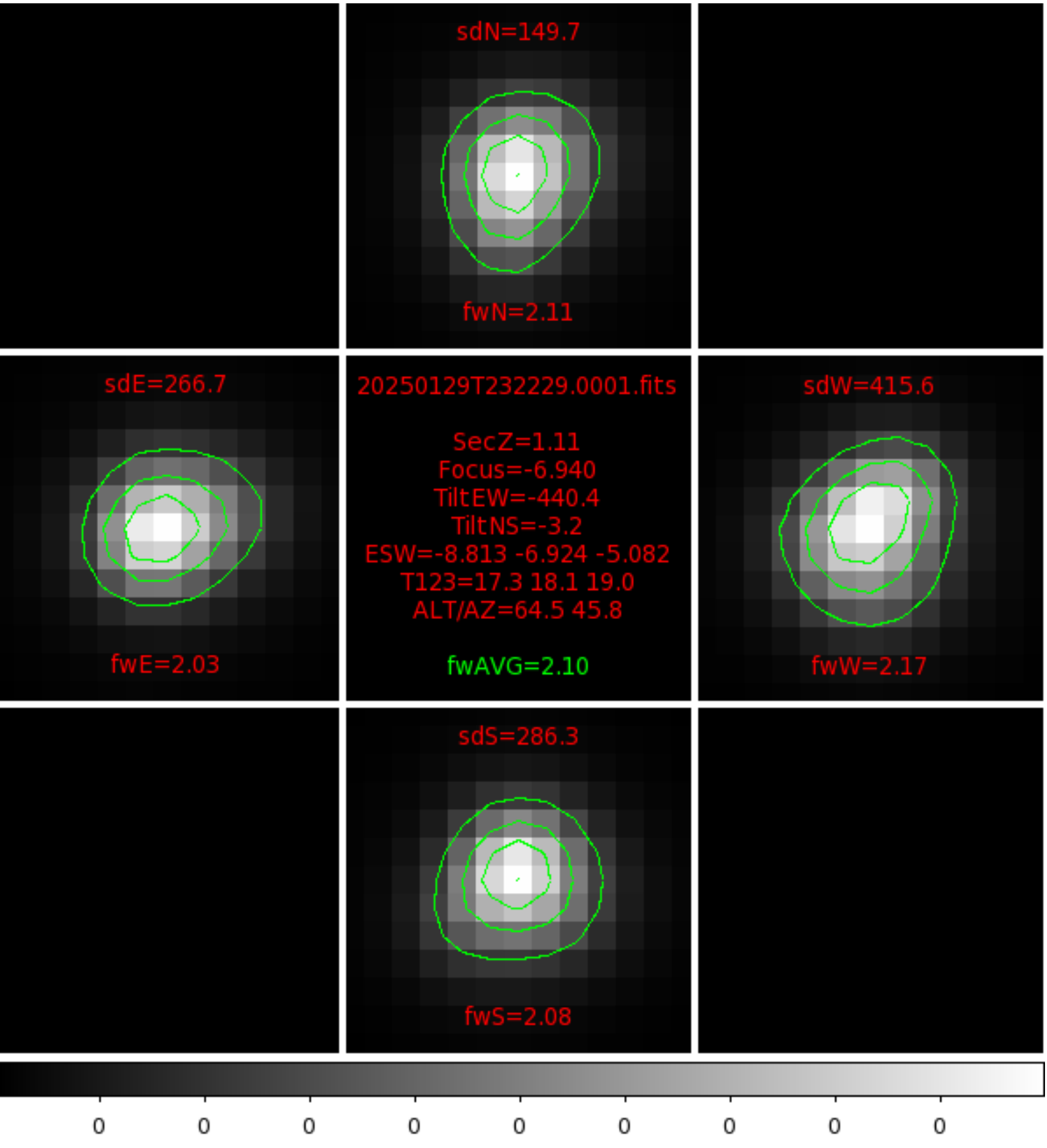
sdN=149.7
fwN=2.11
sdE=266.7
fwE=2.03
20250129T232229.0001.fits
SecZ=1.11
Focus=-6.940
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.813 -6.924 -5.082
T123=17.3 18.1 19.0
ALT/AZ=64.5 45.8
fwAVG=2.10
sdW=415.6
fwW=2.17
sdS=286.3
fwS=2.08
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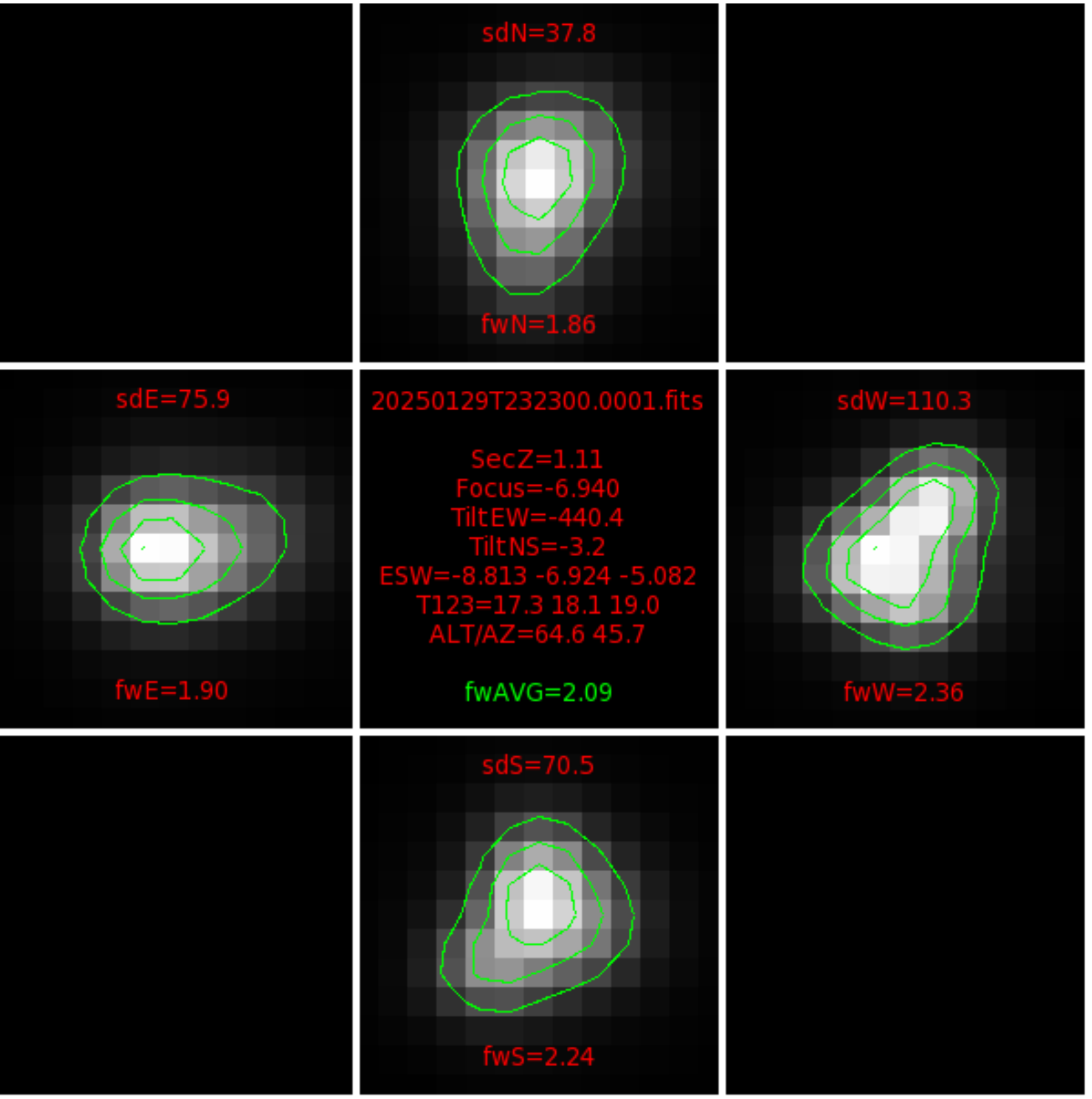
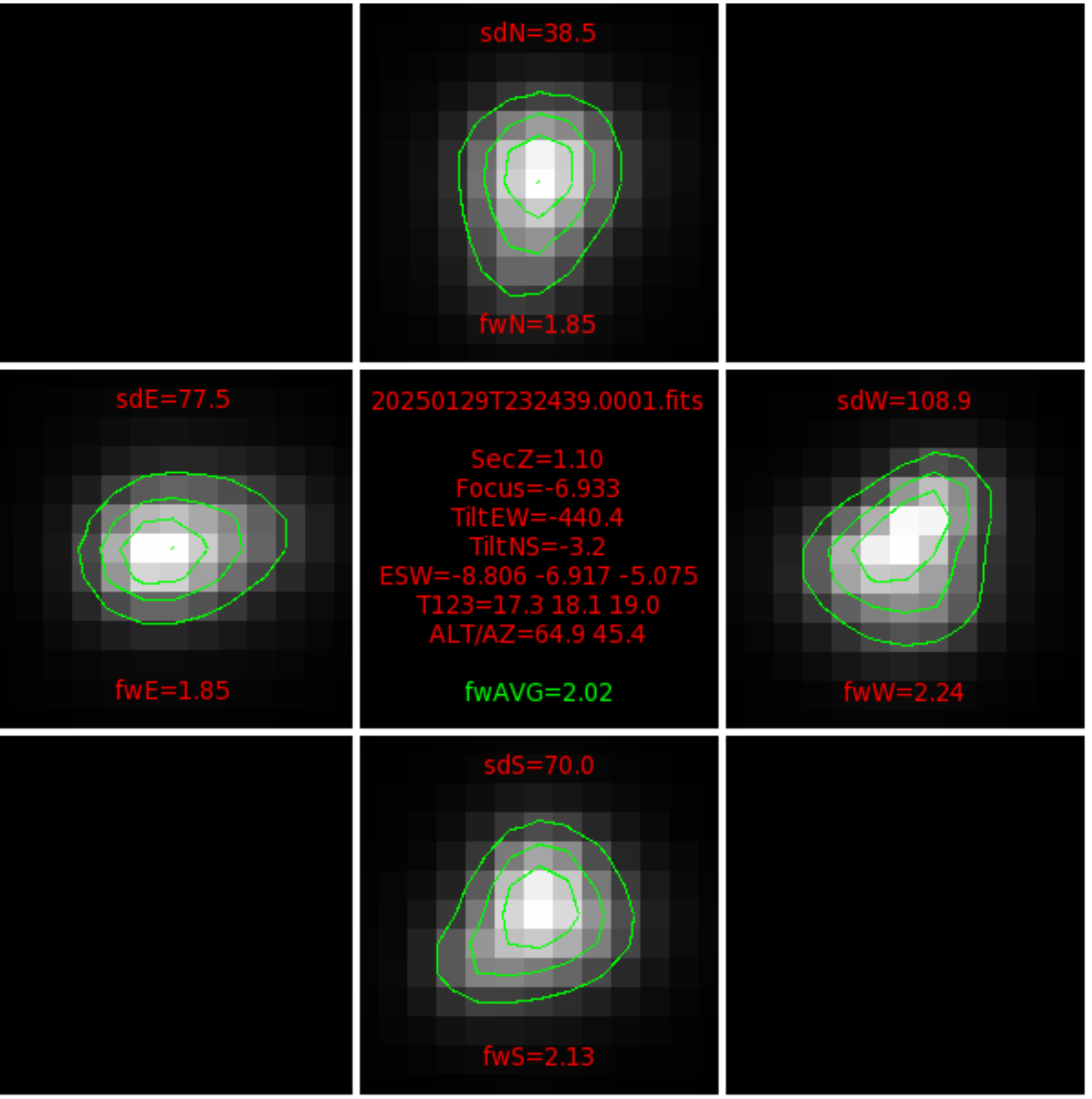
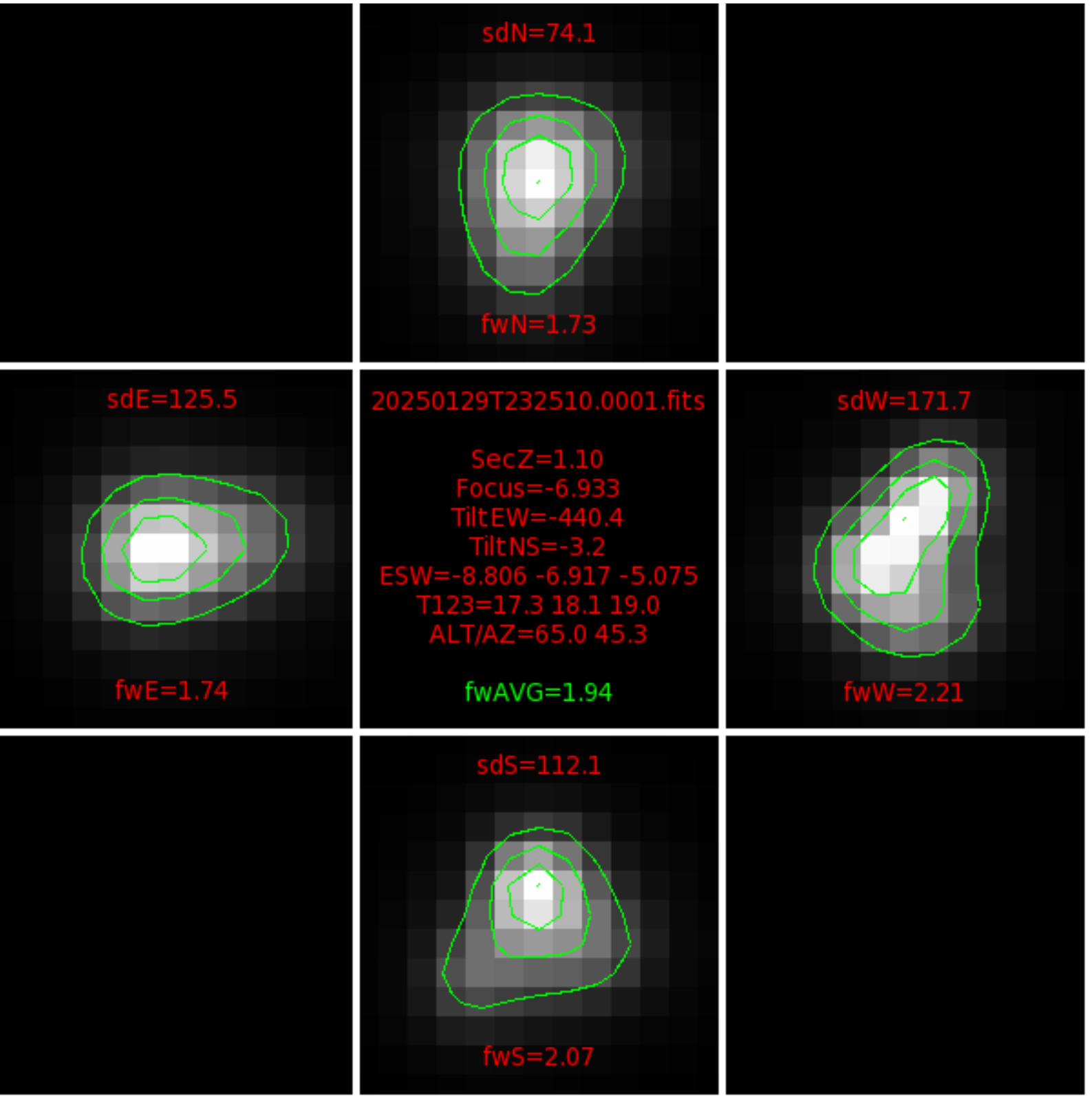
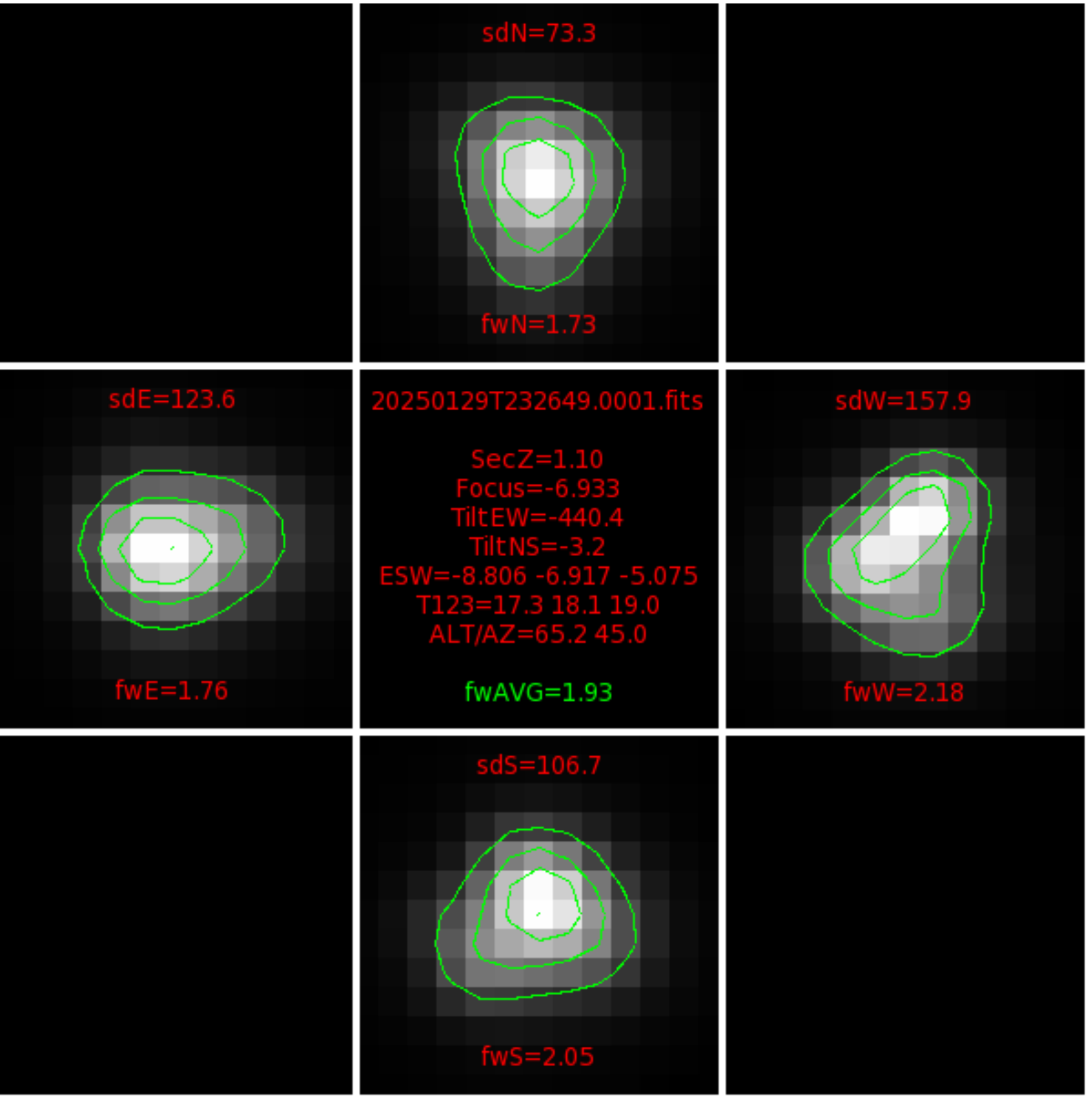

sdN=37.8
fwN=1.86
sdE=75.9
fwE=1.90
20250129T232300.0001.fits
SecZ=1.11
Focus=-6.940
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.813 -6.924 -5.082
T123=17.3 18.1 19.0
ALT/AZ=64.6 45.7
fwAVG=2.09
sdW=110.3
fwW=2.36
sdS=70.5
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=38.5
fwN=1.85
sdE=77.5
fwE=1.85
20250129T232439.0001.fits
SecZ=1.10
Focus=-6.933
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.806 -6.917 -5.075
T123=17.3 18.1 19.0
ALT/AZ=64.9 45.4
fwAVG=2.02
sdW=108.9
fwW=2.24
sdS=70.0
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=74.1
fwN=1.73
sdE=125.5
fwE=1.74
20250129T232510.0001.fits
SecZ=1.10
Focus=-6.933
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.806 -6.917 -5.075
T123=17.3 18.1 19.0
ALT/AZ=65.0 45.3
fwAVG=1.94
sdW=171.7
fwW=2.21
sdS=112.1
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=73.3
fwN=1.73
sdE=123.6
fwE=1.76
20250129T232649.0001.fits
SecZ=1.10
Focus=-6.933
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.806 -6.917 -5.075
T123=17.3 18.1 19.0
ALT/AZ=65.2 45.0
fwAVG=1.93
sdW=157.9
fwW=2.18
sdS=106.7
fwS=2.05
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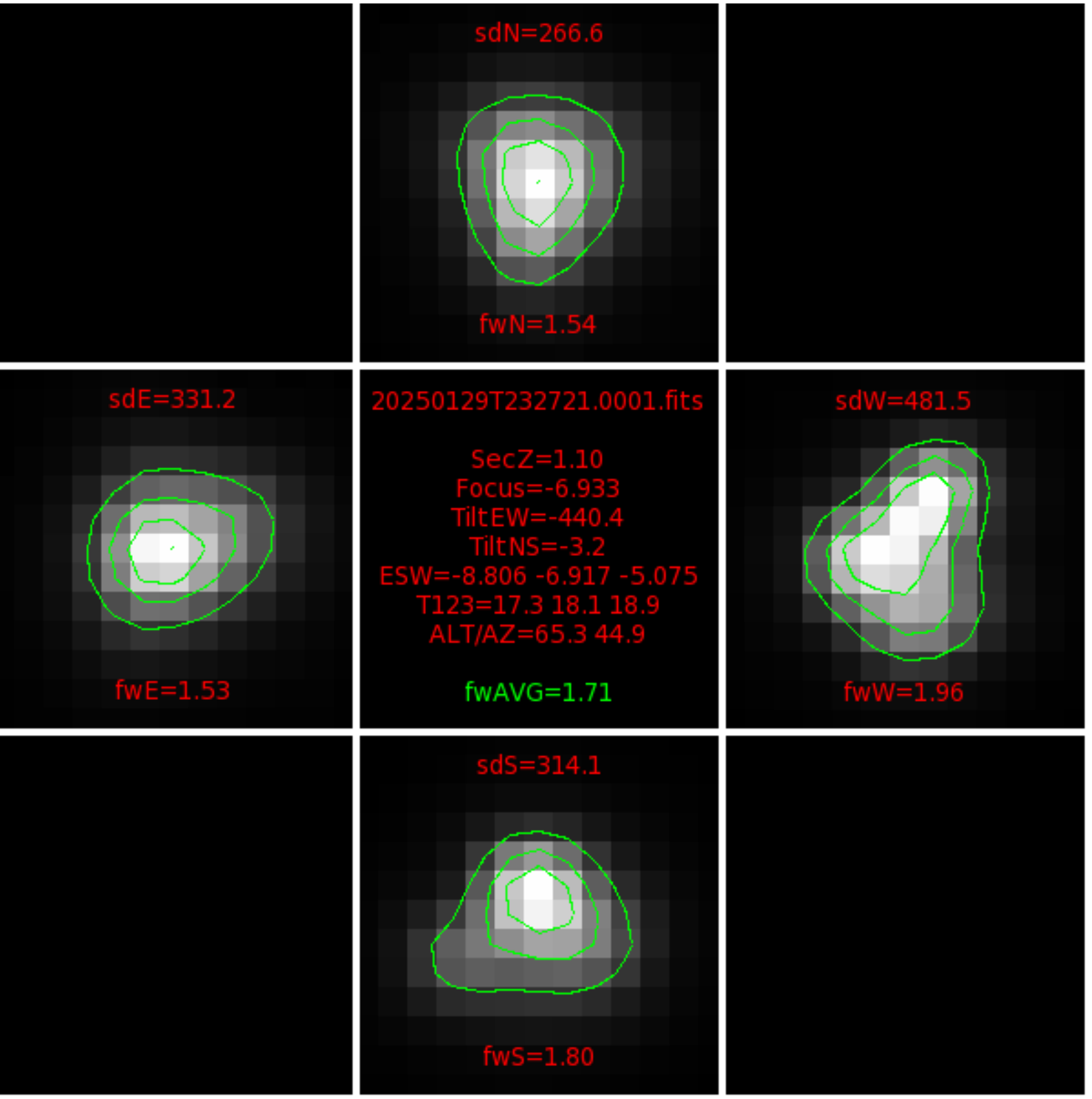
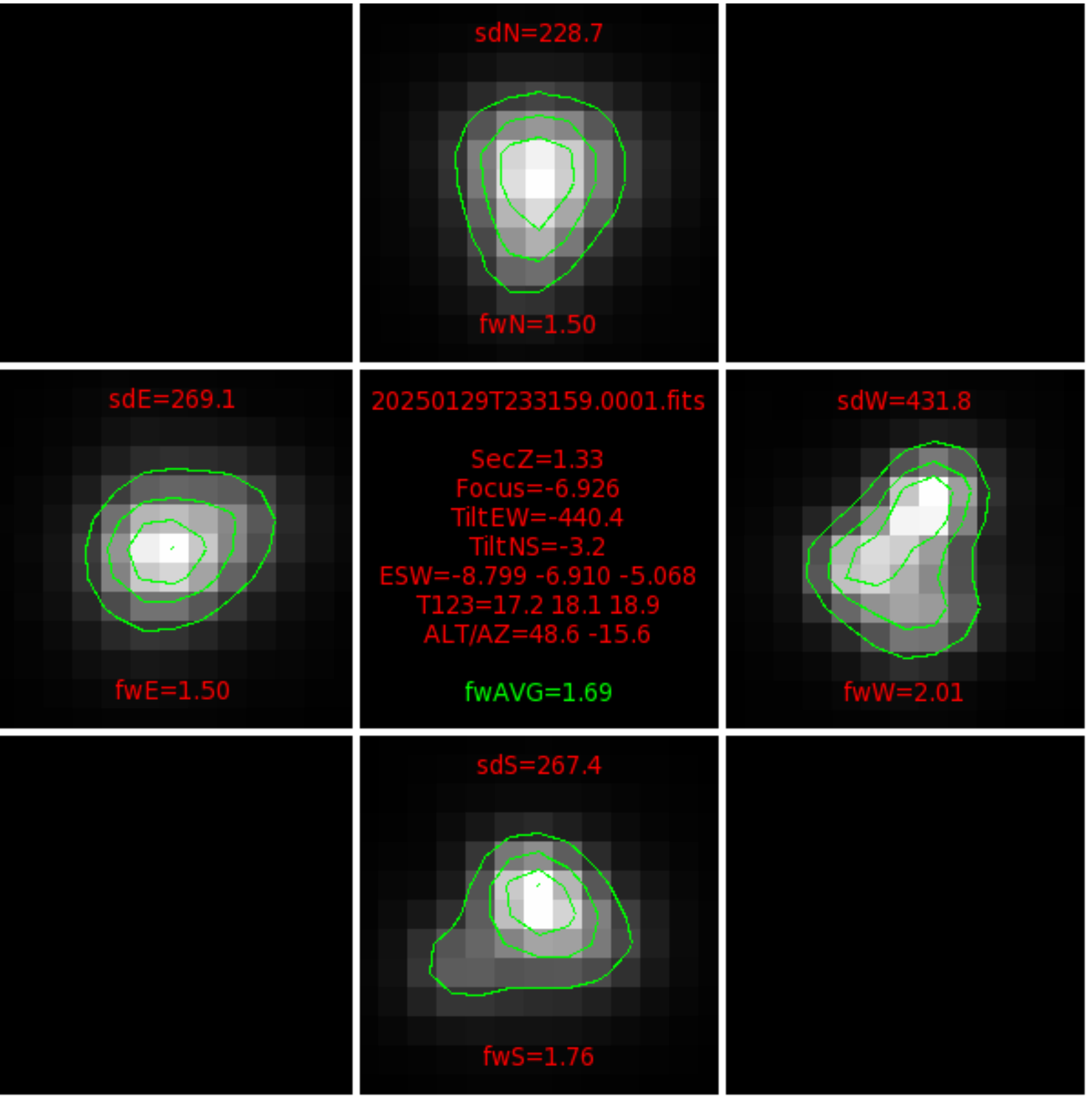
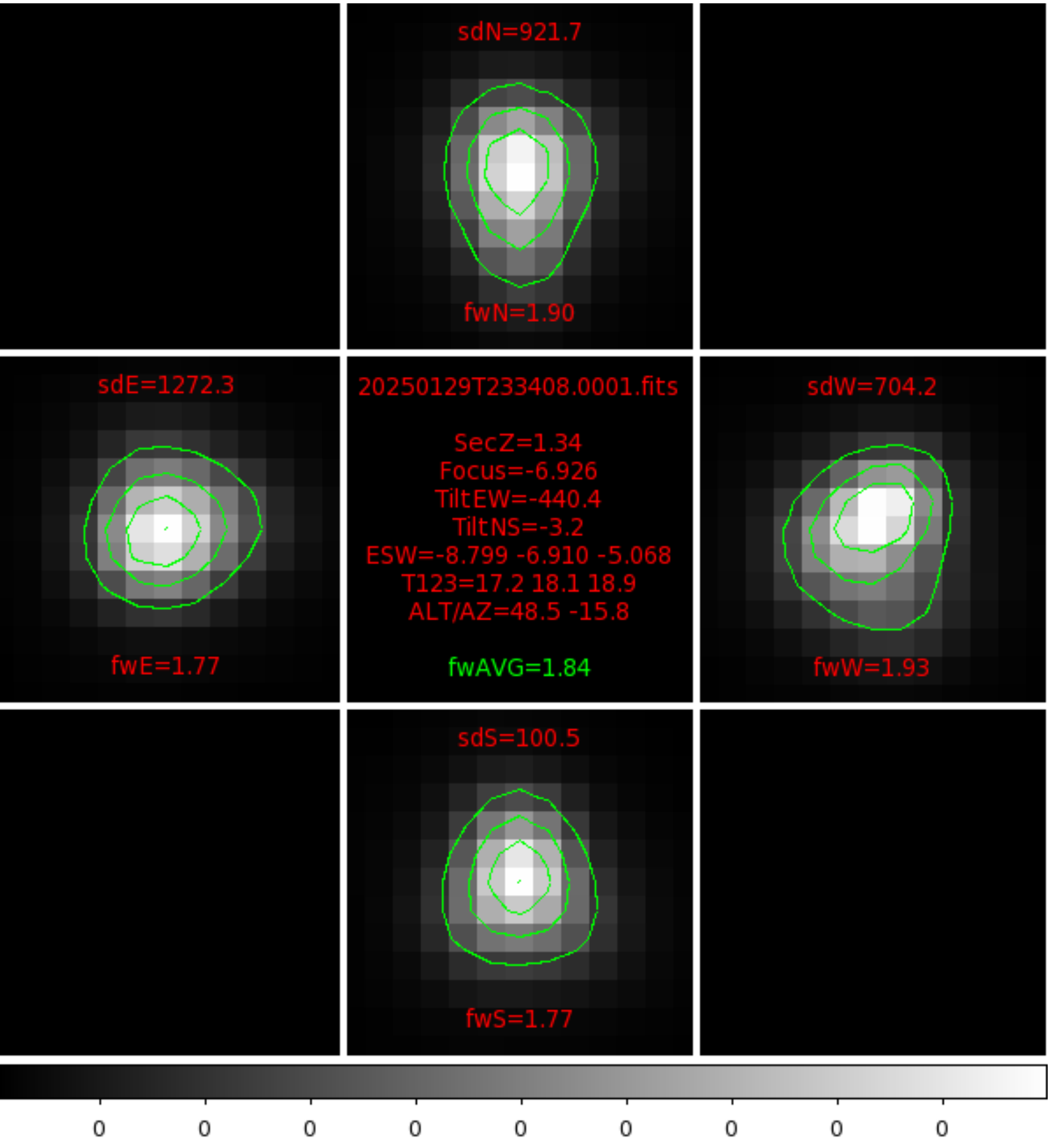
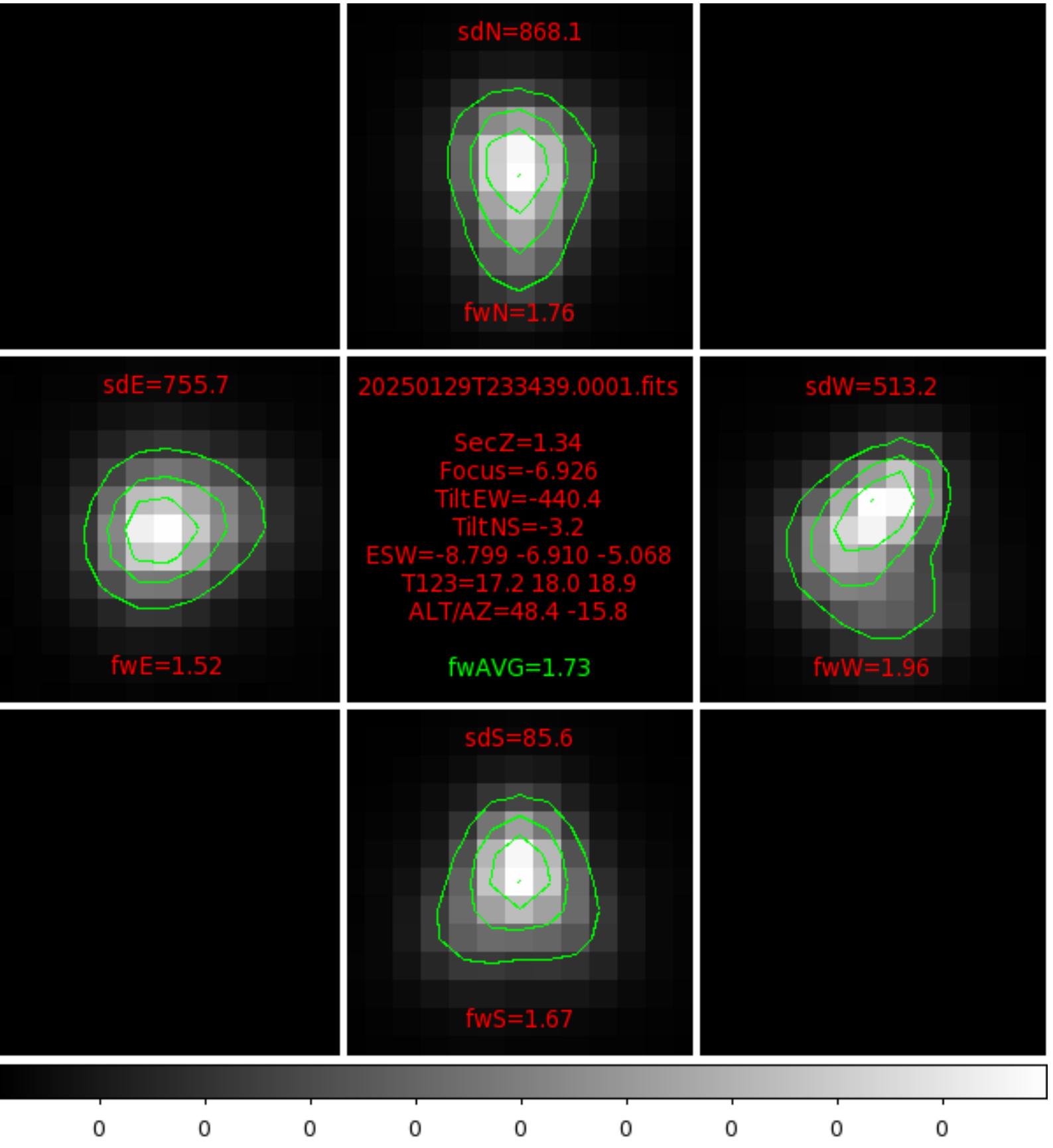
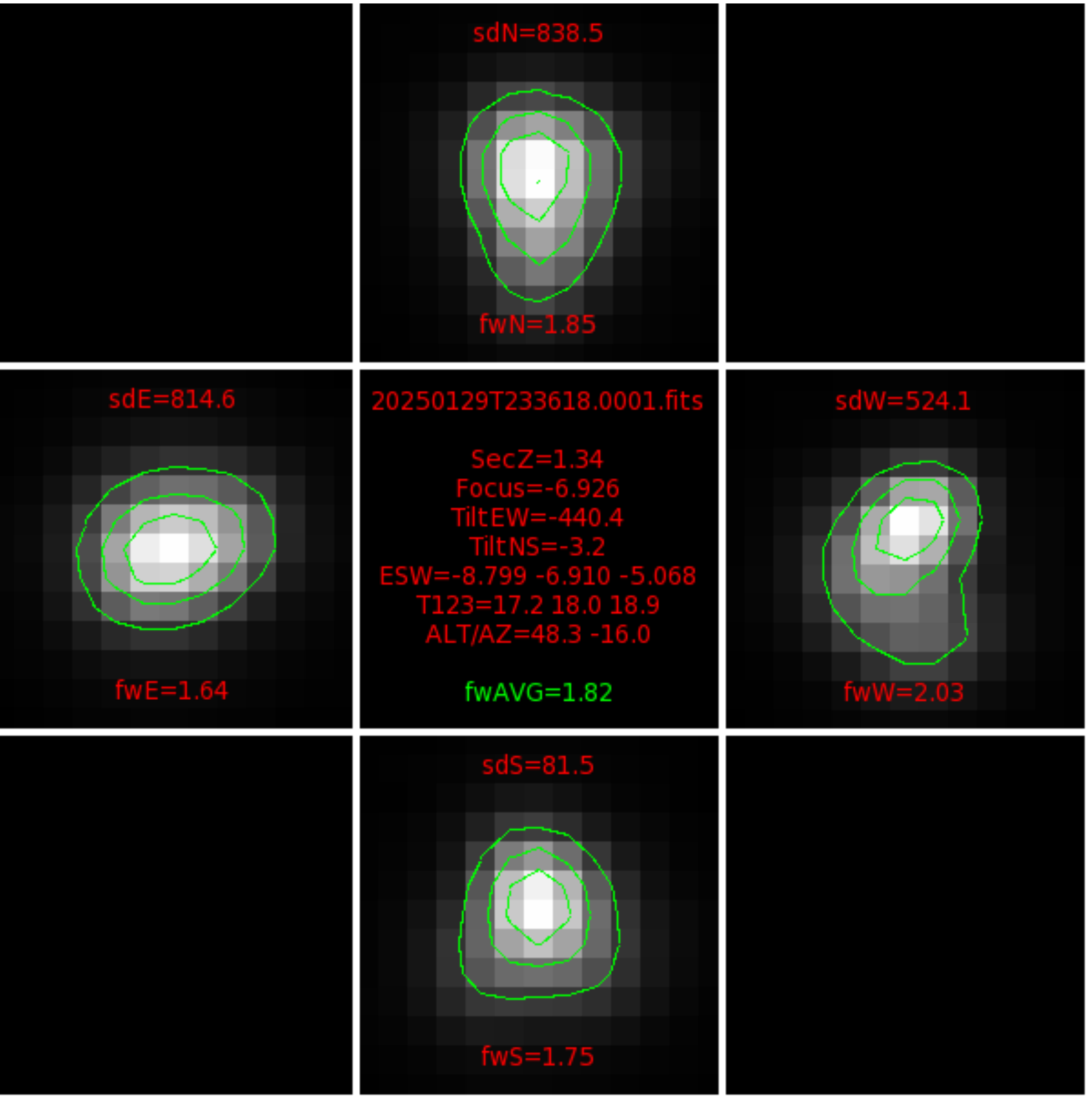
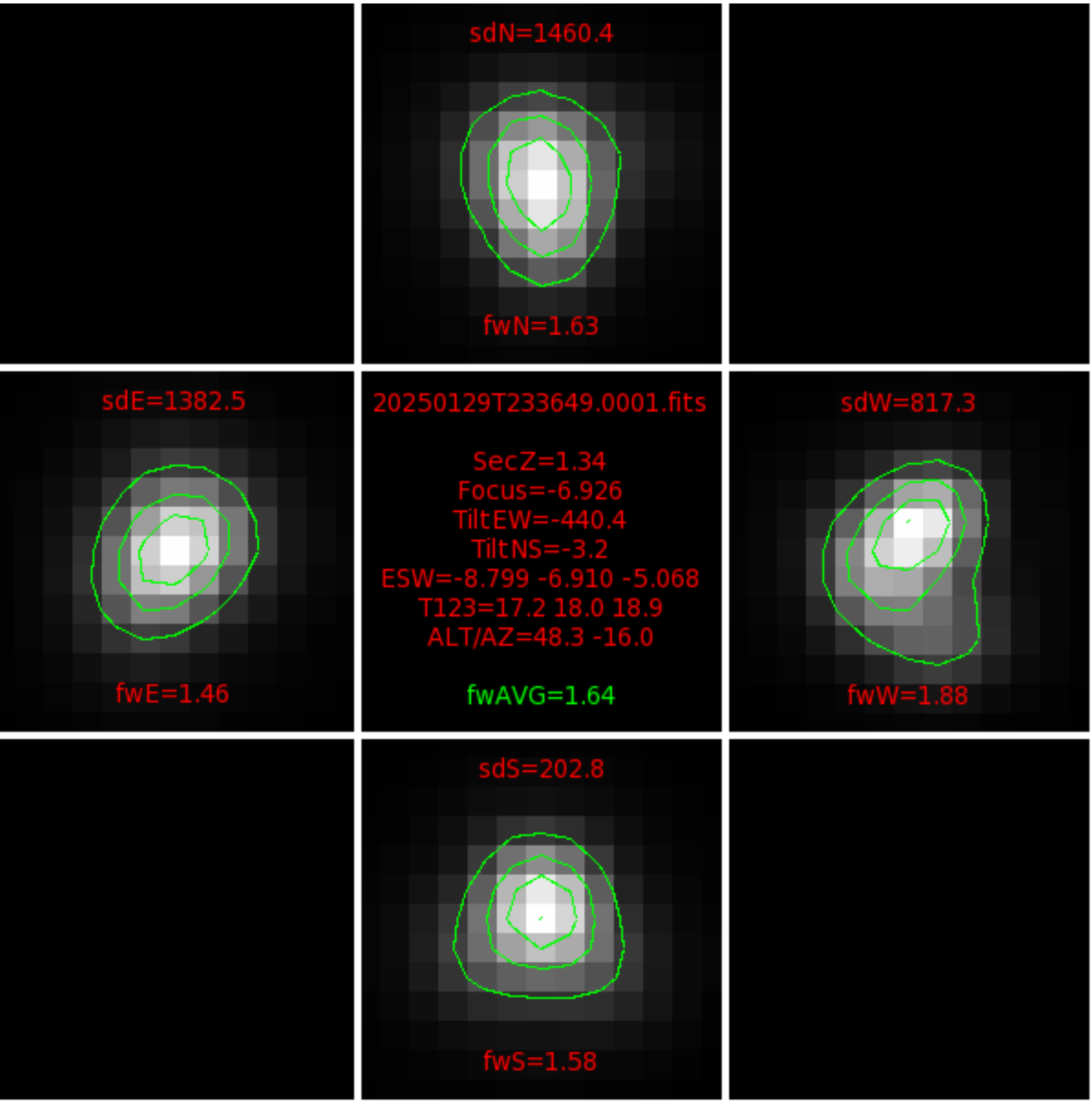

sdN=266.6
fwN=1.54
sdE=331.2
fwE=1.53
20250129T232721.0001.fits
SecZ=1.10
Focus=-6.933
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.806 -6.917 -5.075
T123=17.3 18.1 18.9
ALT/AZ=65.3 44.9
fwAVG=1.71
sdW=481.5
fwW=1.96
sdS=314.1
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=228.7
fwN=1.50
sdE=269.1
fwE=1.50
20250129T233159.0001.fits
SecZ=1.33
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.2 18.1 18.9
ALT/AZ=48.6 -15.6
fwAVG=1.69
sdW=431.8
fwW=2.01
sdS=267.4
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=921.7
fwN=1.90
sdE=1272.3
fwE=1.77
20250129T233408.0001.fits
SecZ=1.34
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.2 18.1 18.9
ALT/AZ=48.5 -15.8
fwAVG=1.84
sdW=704.2
fwW=1.93
sdS=100.5
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=868.1
fwN=1.76
sdE=755.7
fwE=1.52
20250129T233439.0001.fits
SecZ=1.34
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.2 18.0 18.9
ALT/AZ=48.4 -15.8
fwAVG=1.73
sdW=513.2
fwW=1.96
sdS=85.6
fwS=1.67
0 0 0 0 0 0 0 0 0


sdN=838.5
fwN=1.85
sdE=814.6
fwE=1.64
20250129T233618.0001.fits
SecZ=1.34
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.2 18.0 18.9
ALT/AZ=48.3 -16.0
fwAVG=1.82
sdW=524.1
fwW=2.03
sdS=81.5
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=1460.4
fwN=1.63
sdE=1382.5
fwE=1.46
20250129T233649.0001.fits
SecZ=1.34
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.2 18.0 18.9
ALT/AZ=48.3 -16.0
fwAVG=1.64
sdW=817.3
fwW=1.88
sdS=202.8
fwS=1.58
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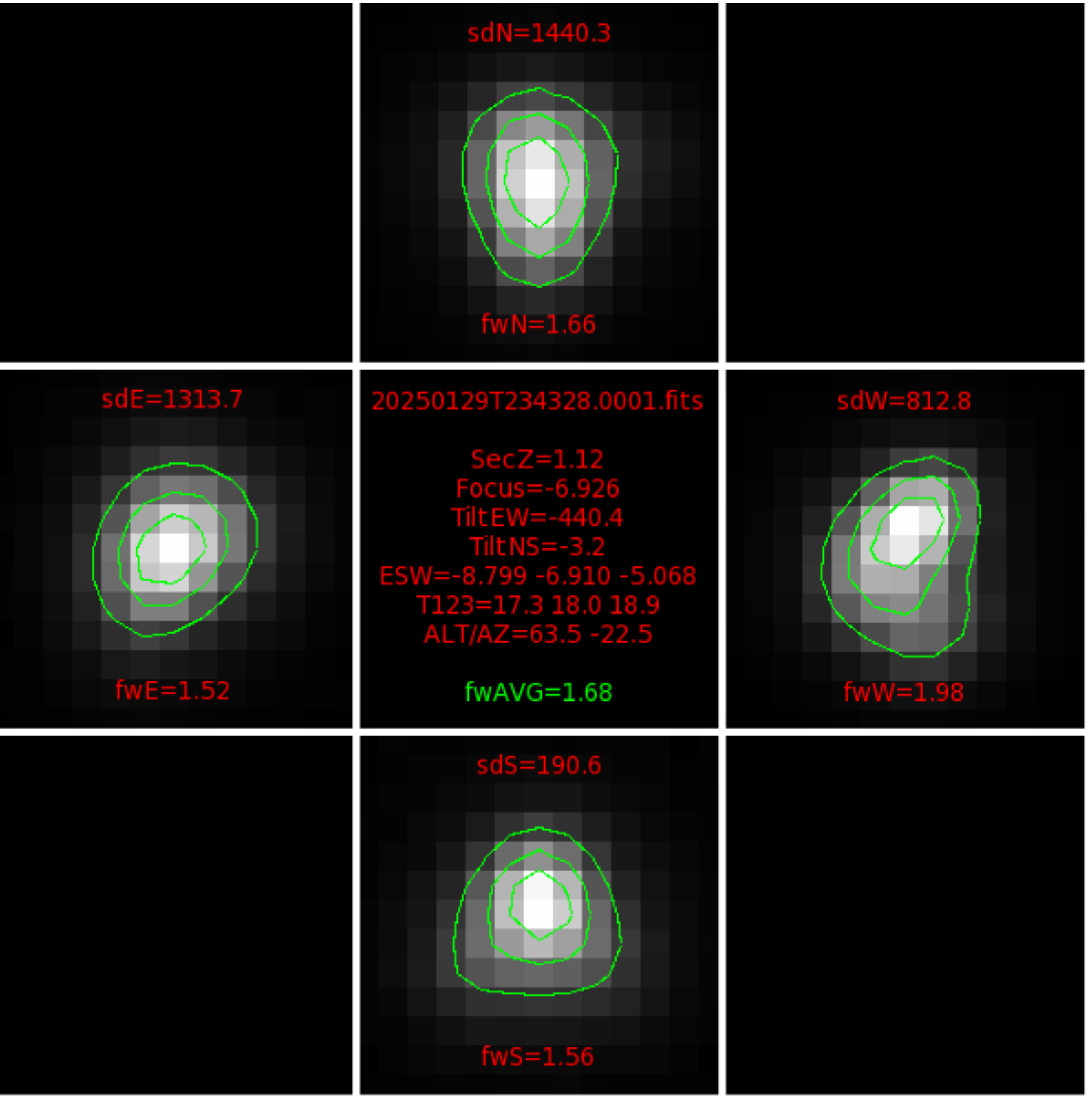
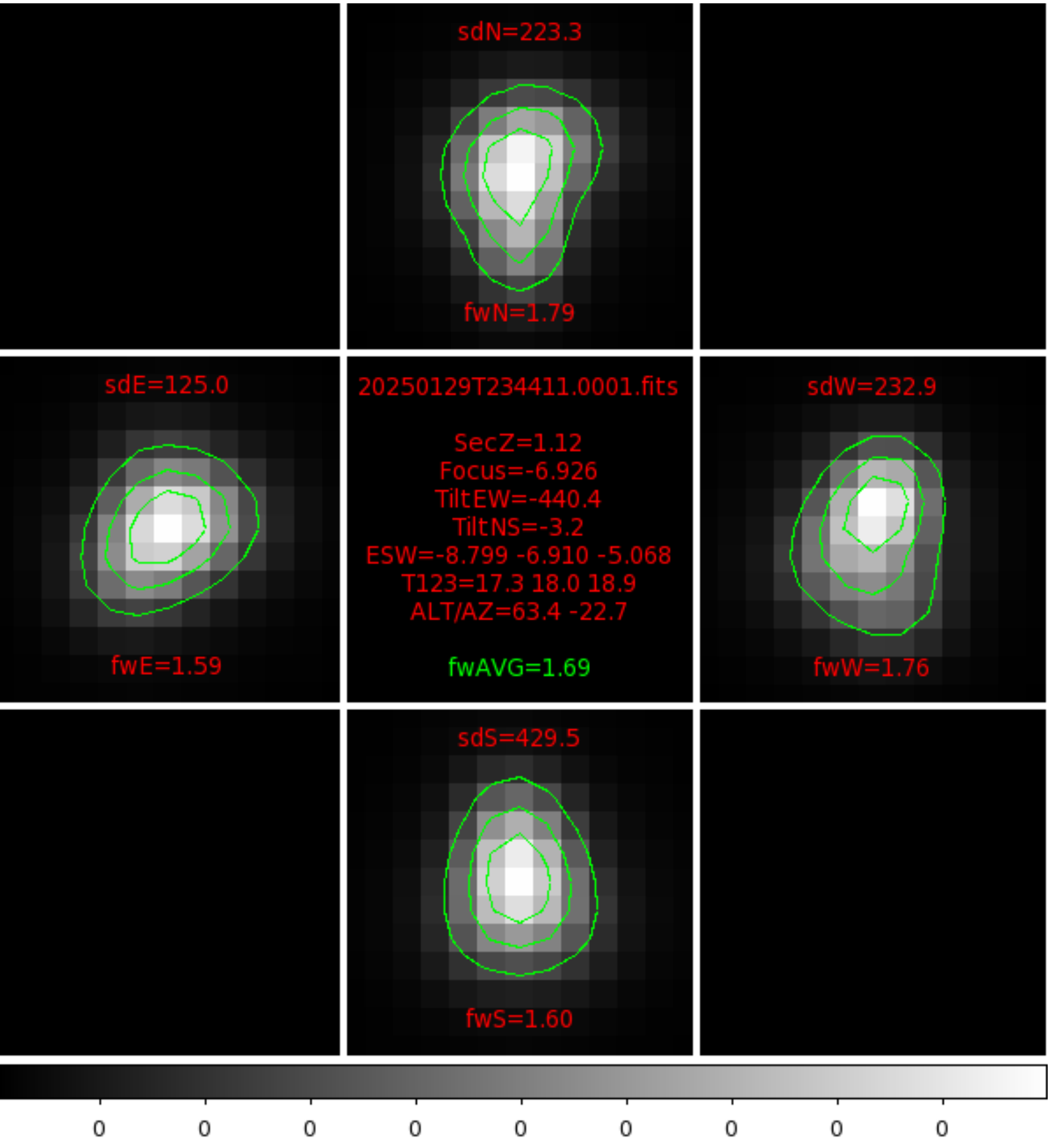

sdN=1440.3
fwN=1.66
sdE=1313.7
fwE=1.52
20250129T234328.0001.fits
SecZ=1.12
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.3 18.0 18.9
ALT/AZ=63.5 -22.5
fwAVG=1.68
sdW=812.8
fwW=1.98
sdS=190.6
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=223.3
fwN=1.79
sdE=125.0
fwE=1.59
20250129T234411.0001.fits
SecZ=1.12
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.3 18.0 18.9
ALT/AZ=63.4 -22.7
fwAVG=1.69
sdW=232.9
fwW=1.76
sdS=429.5
fwS=1.60
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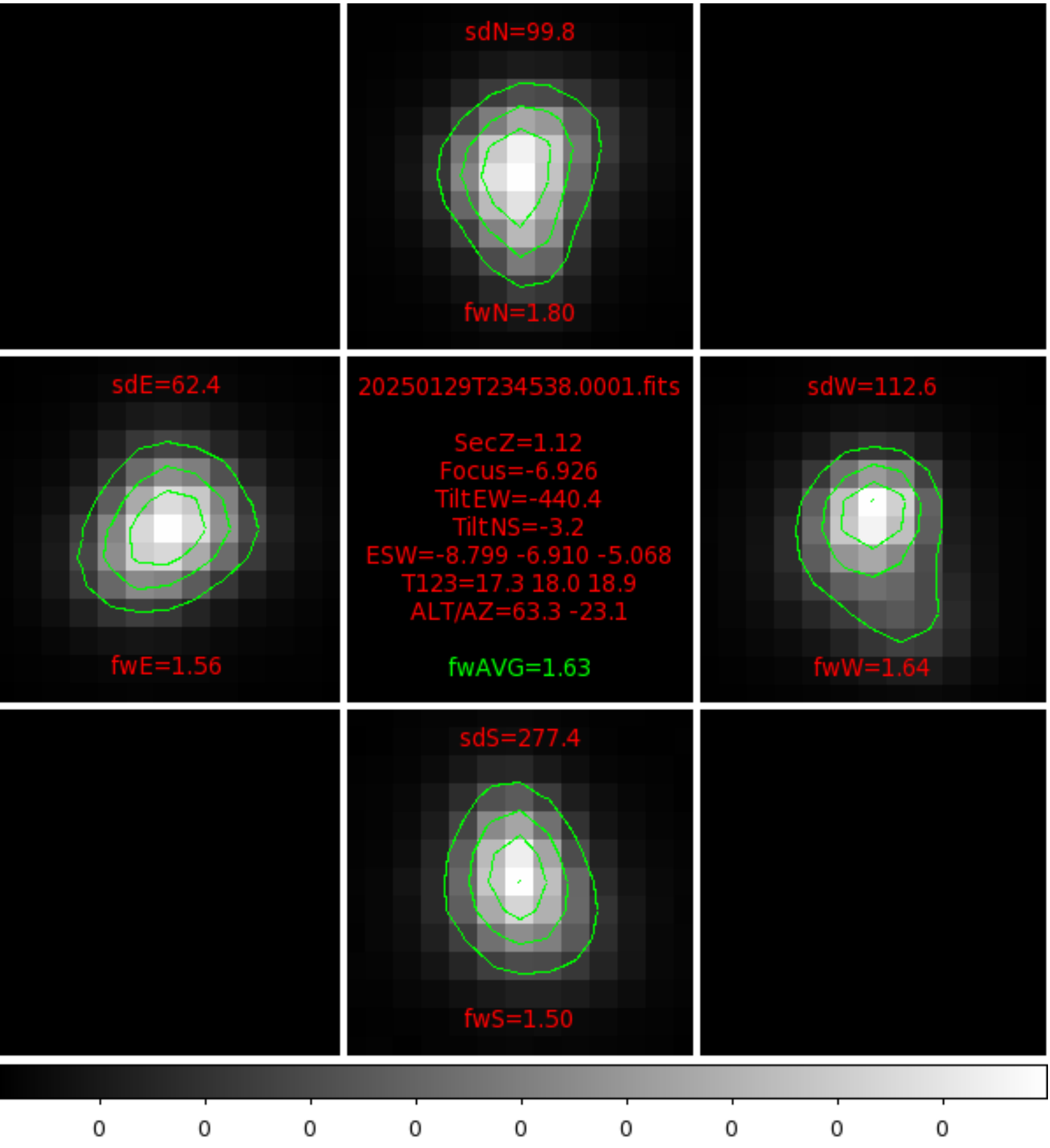
sdN=99.8
fwN=1.80
sdE=62.4
fwE=1.56
20250129T234538.0001.fits
SecZ=1.12
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.3 18.0 18.9
ALT/AZ=63.3 -23.1
fwAVG=1.63
sdW=112.6
fwW=1.64
sdS=277.4
fwS=1.50
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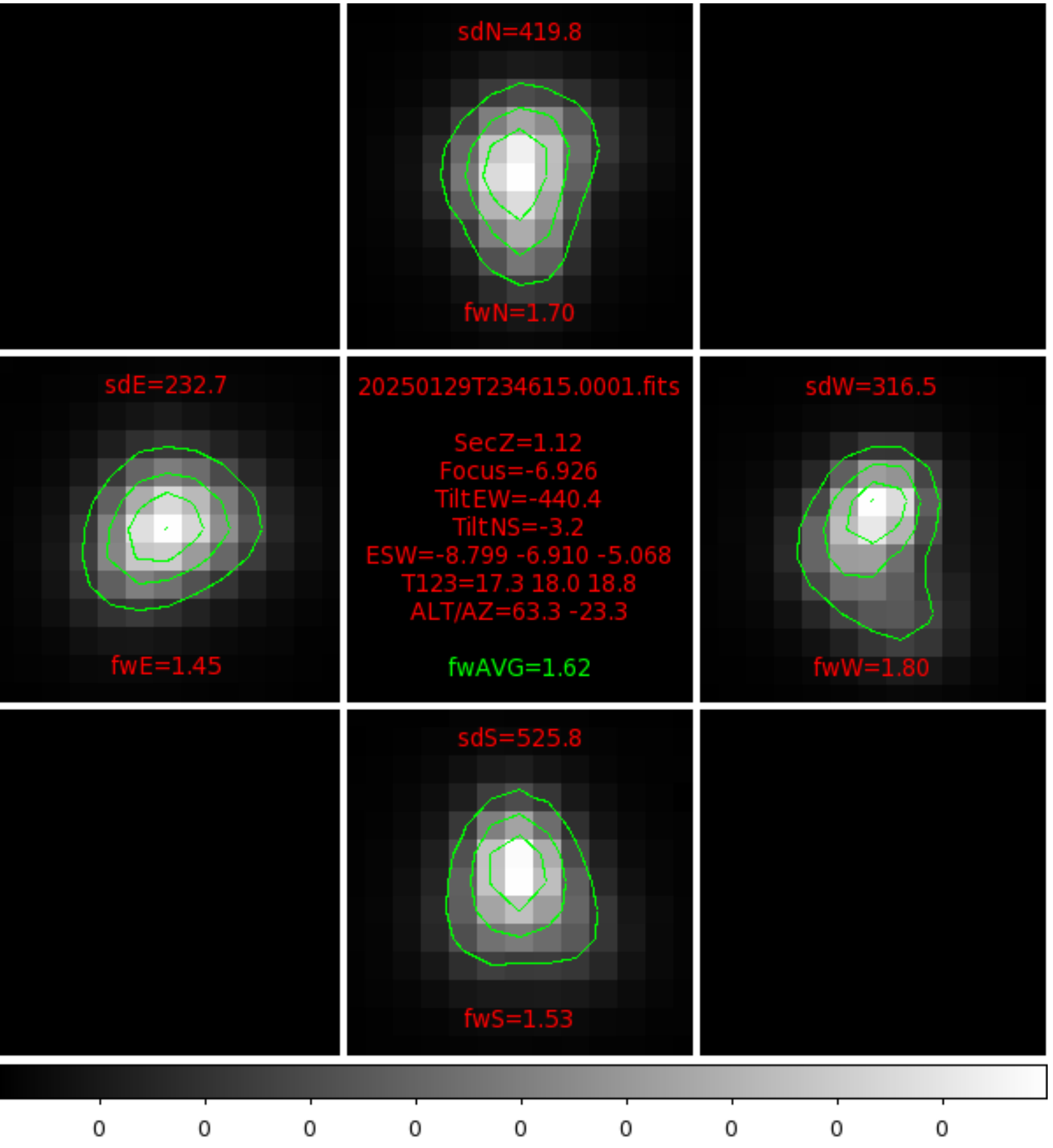
sdN=419.8
fwN=1.70
sdE=232.7
fwE=1.45
20250129T234615.0001.fits
SecZ=1.12
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.3 18.0 18.8
ALT/AZ=63.3 -23.3
fwAVG=1.62
sdW=316.5
fwW=1.80
sdS=525.8
fwS=1.53
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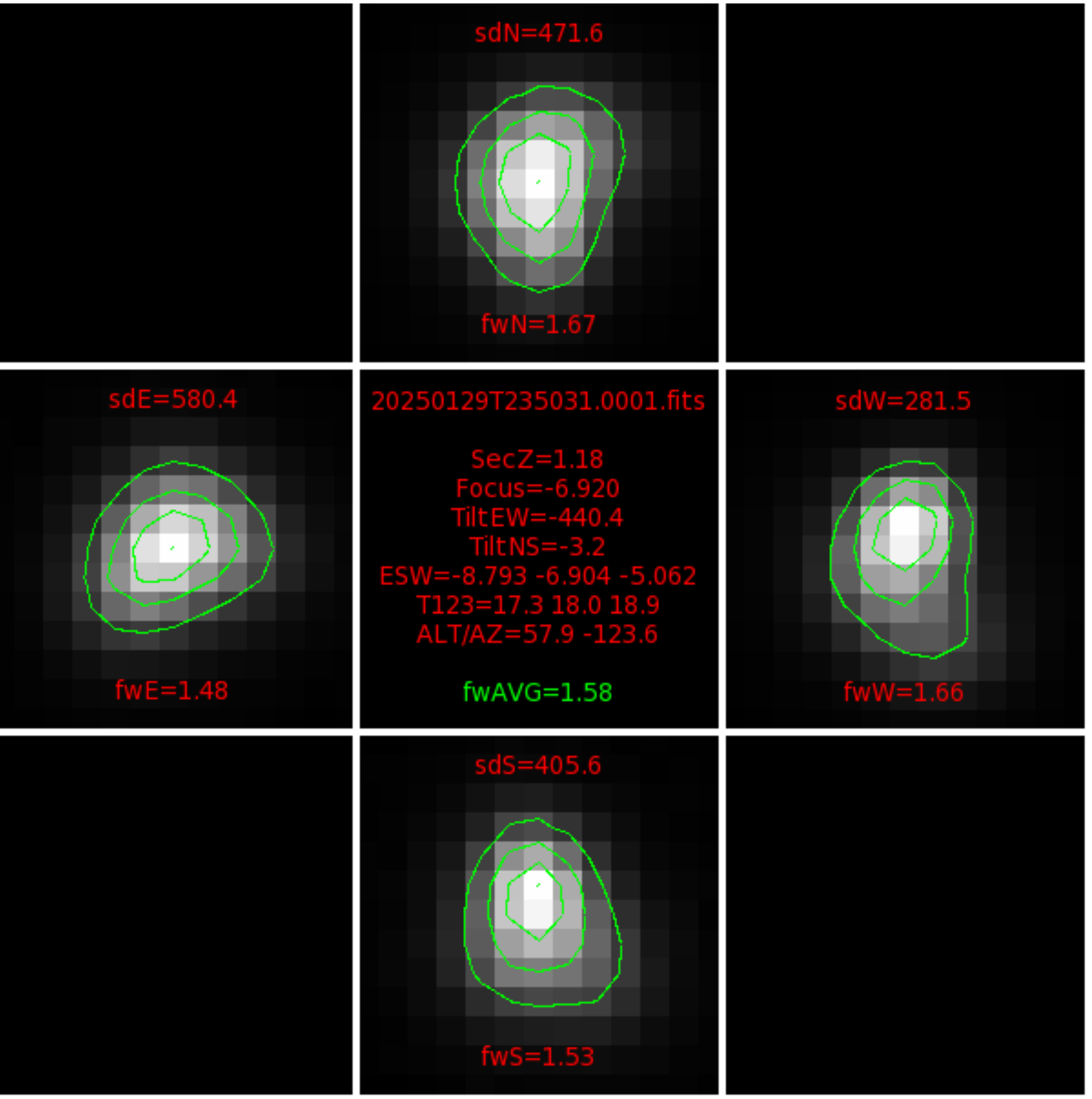
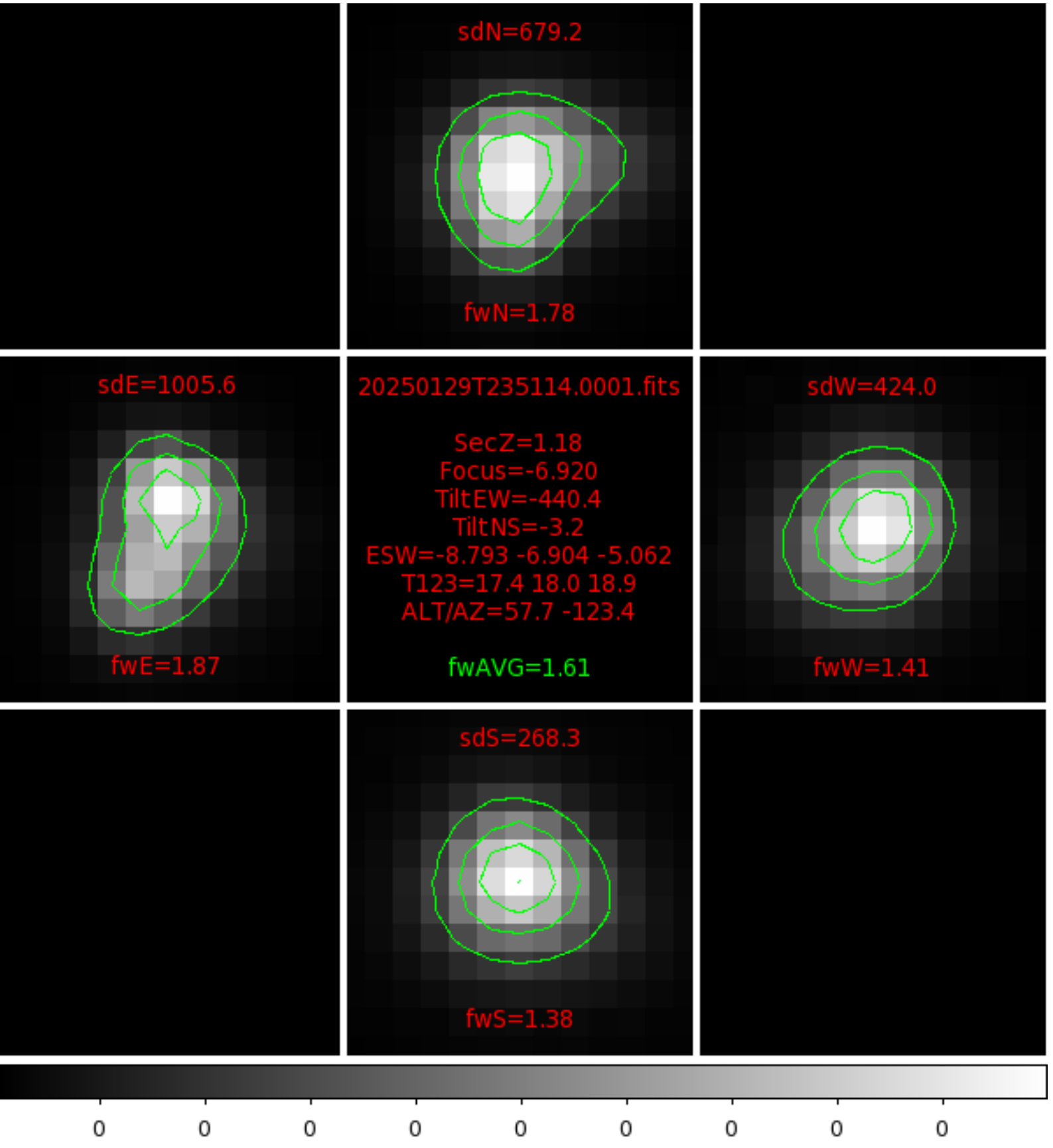

sdN=471.6
fwN=1.67
sdE=580.4
fwE=1.48
20250129T235031.0001.fits
SecZ=1.18
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=17.3 18.0 18.9
ALT/AZ=57.9 -123.6
fwAVG=1.58
sdW=281.5
fwW=1.66
sdS=405.6
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=679.2
fwN=1.78
sdE=1005.6
fwE=1.87
20250129T235114.0001.fits
SecZ=1.18
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=17.4 18.0 18.9
ALT/AZ=57.7 -123.4
fwAVG=1.61
sdW=424.0
fwW=1.41
sdS=268.3
fwS=1.38
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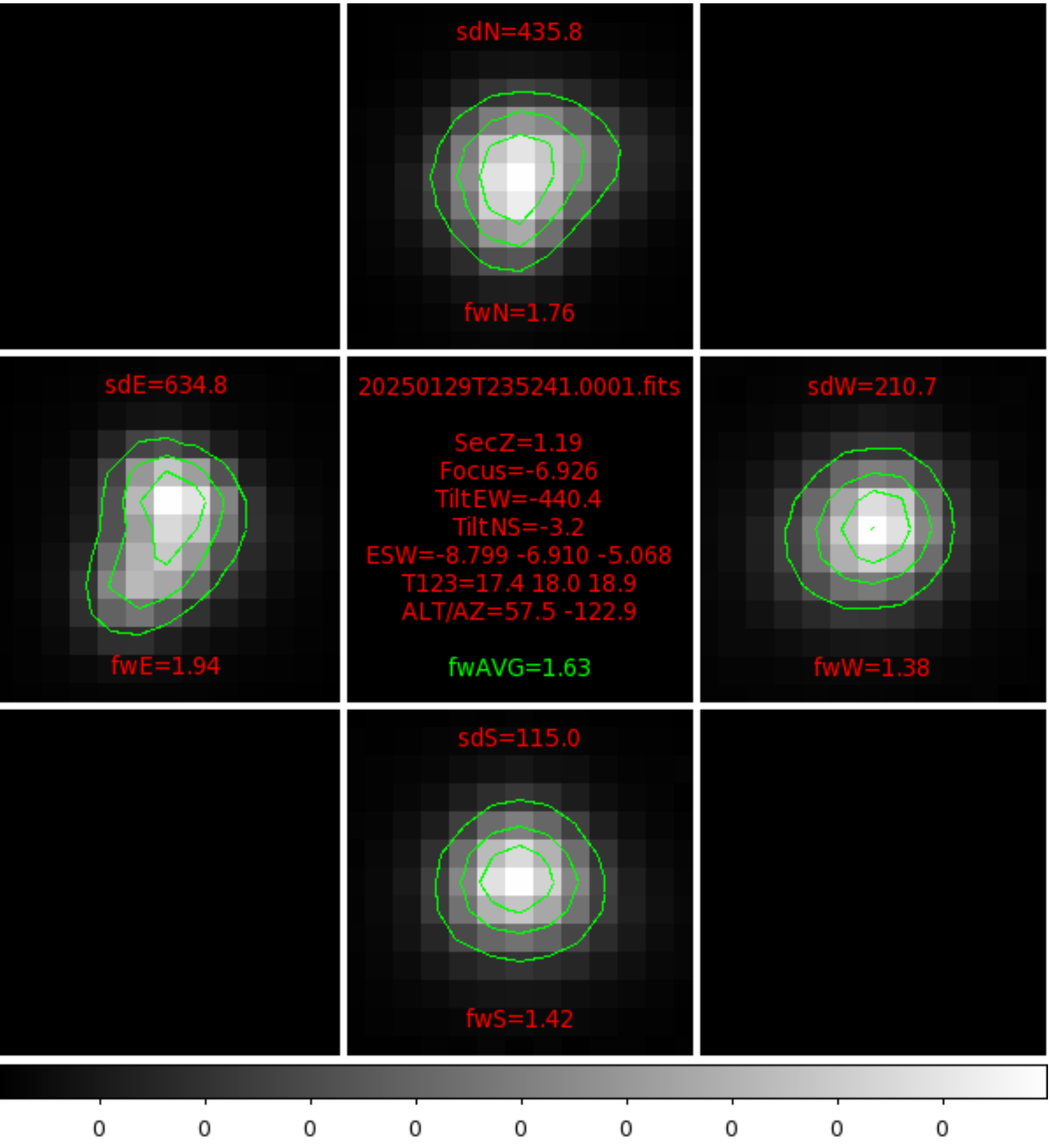
sdN=435.8
fwN=1.76
sdE=634.8
fwE=1.94
20250129T235241.0001.fits
SecZ=1.19
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.4 18.0 18.9
ALT/AZ=57.5 -122.9
fwAVG=1.63
sdW=210.7
fwW=1.38
sdS=115.0
fwS=1.42
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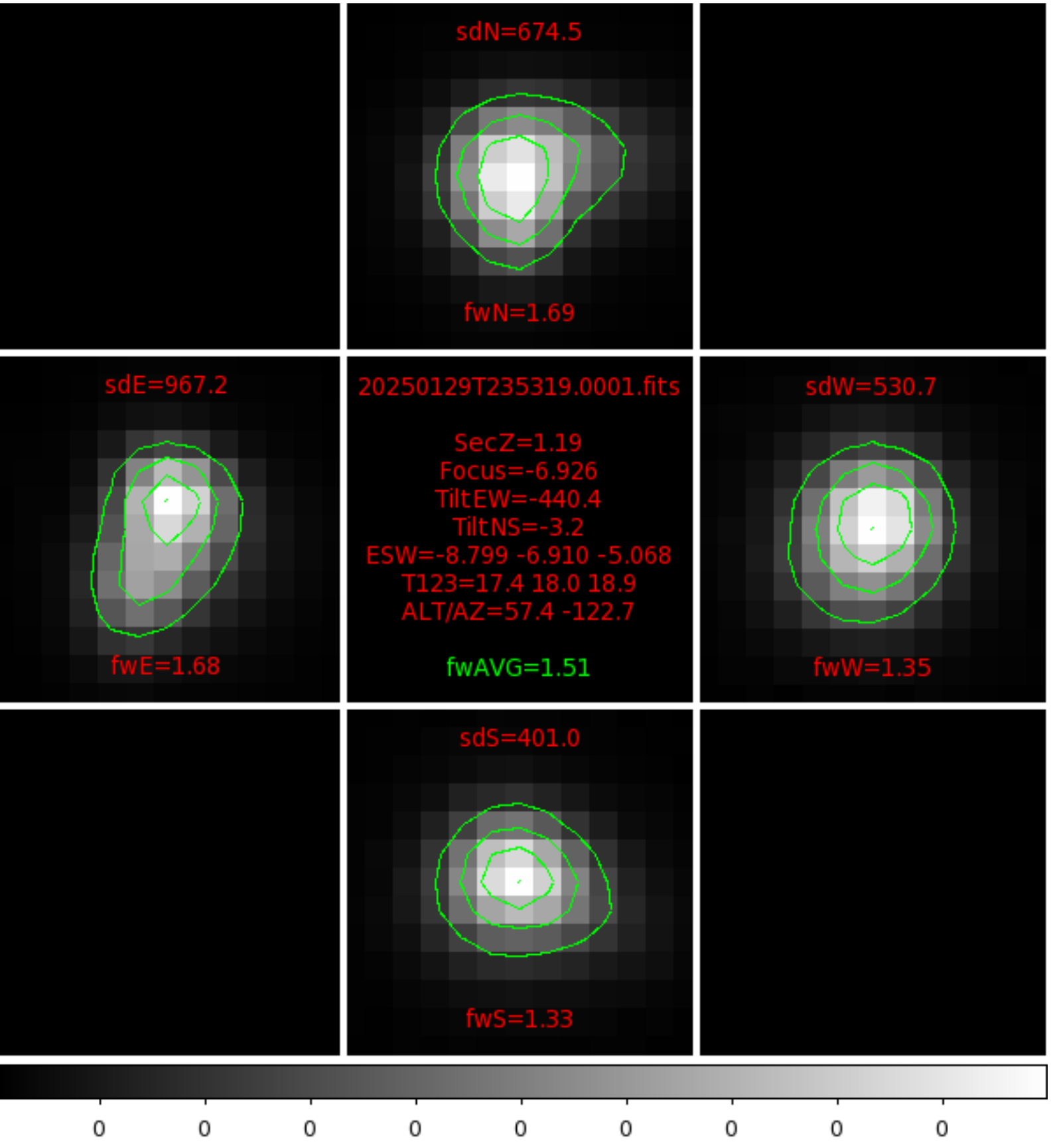
sdN=674.5
fwN=1.69
sdE=967.2
fwE=1.68
20250129T235319.0001.fits
SecZ=1.19
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.4 18.0 18.9
ALT/AZ=57.4 -122.7
fwAVG=1.51
sdW=530.7
fwW=1.35
sdS=401.0
fwS=1.33
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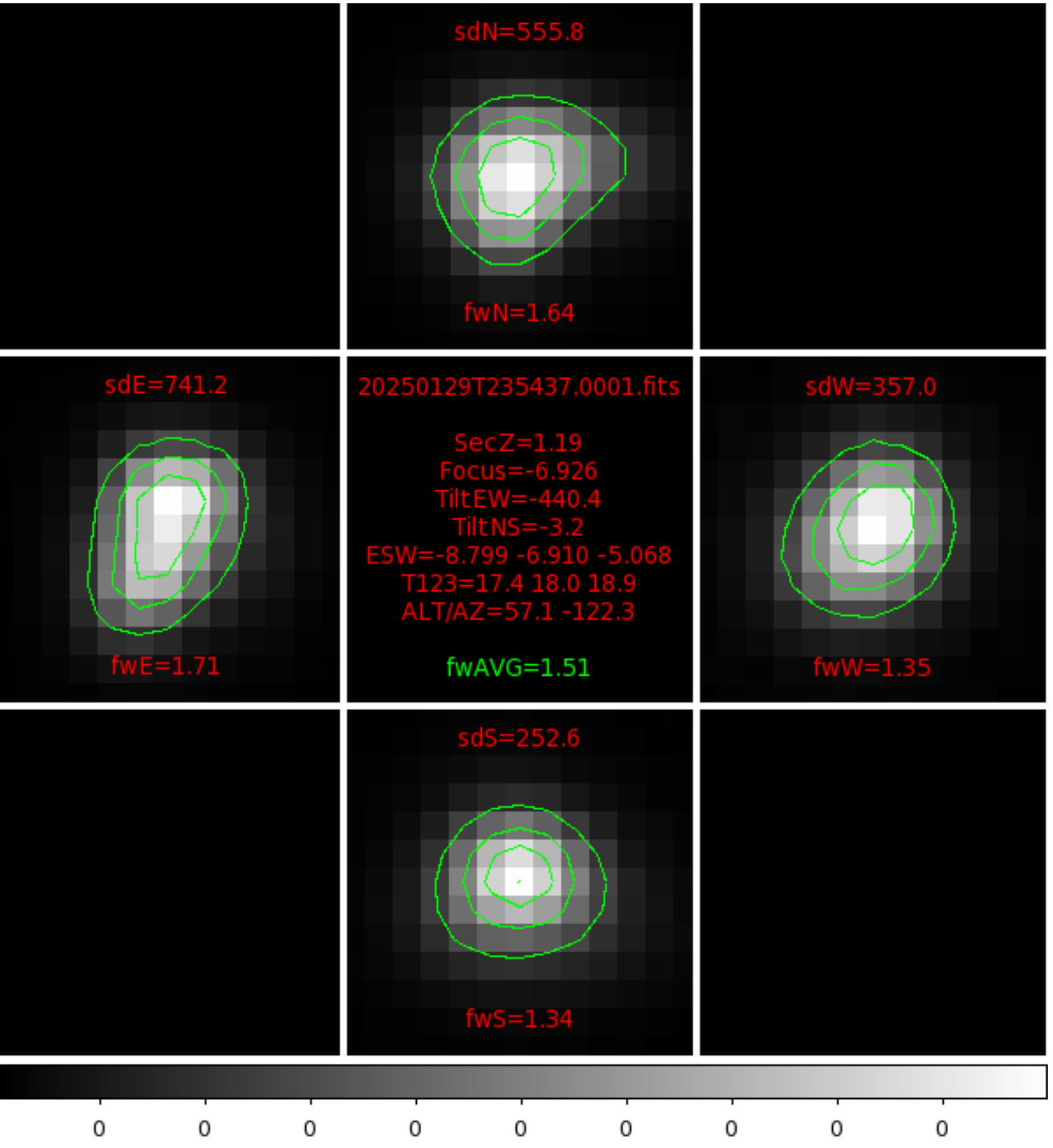
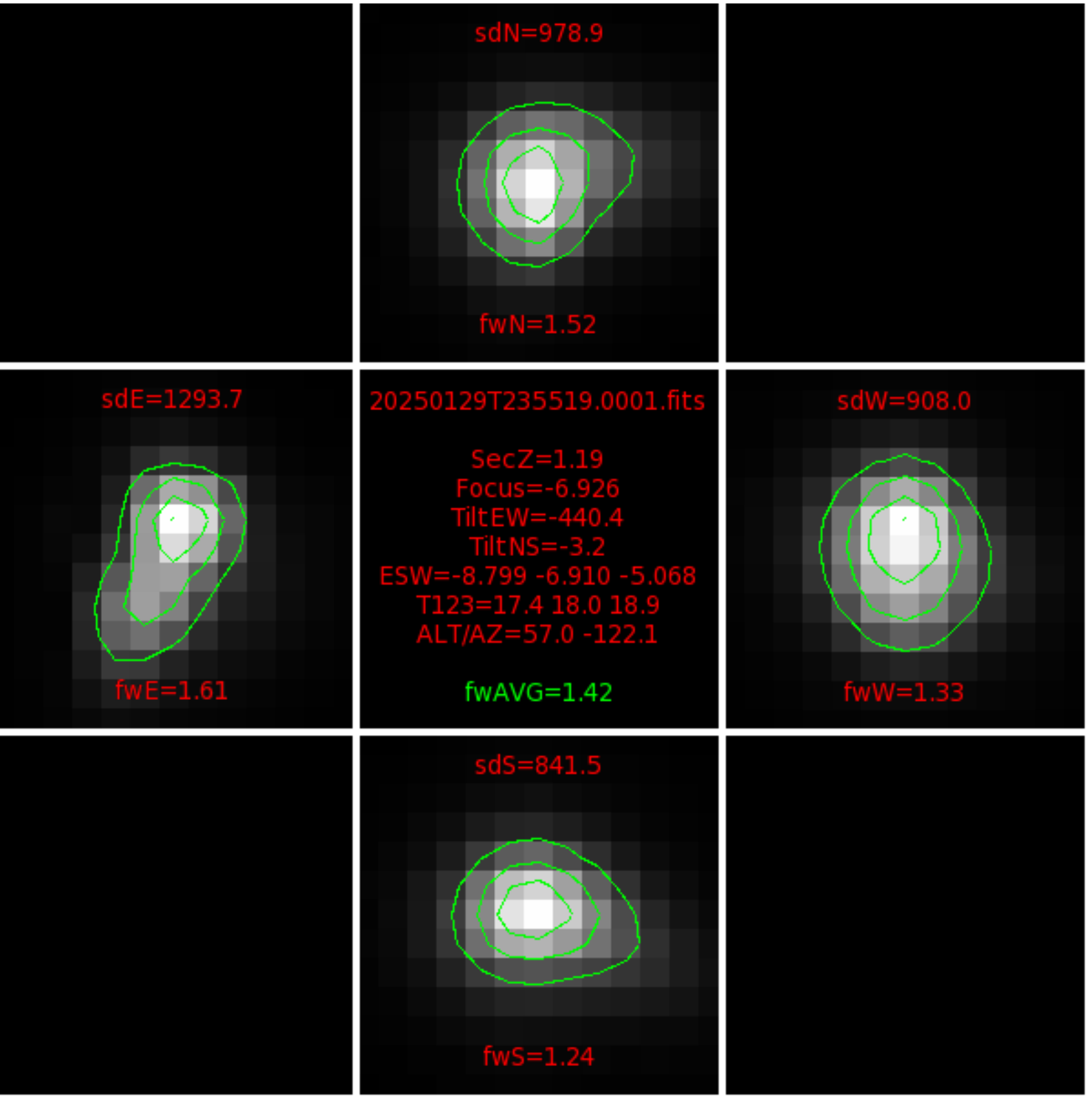

sdN=555.8
fwN=1.64
sdE=741.2
fwE=1.71
20250129T235437.0001.fits
SecZ=1.19
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.4 18.0 18.9
ALT/AZ=57.1 -122.3
fwAVG=1.51
sdW=357.0
fwW=1.35
sdS=252.6
fwS=1.34
0 0 0 0 0 0 0 0 0


sdN=978.9
fwN=1.52
sdE=1293.7
fwE=1.61
20250129T235519.0001.fits
SecZ=1.19
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.4 18.0 18.9
ALT/AZ=57.0 -122.1
fwAVG=1.42
sdW=908.0
fwW=1.33
sdS=841.5
fwS=1.24
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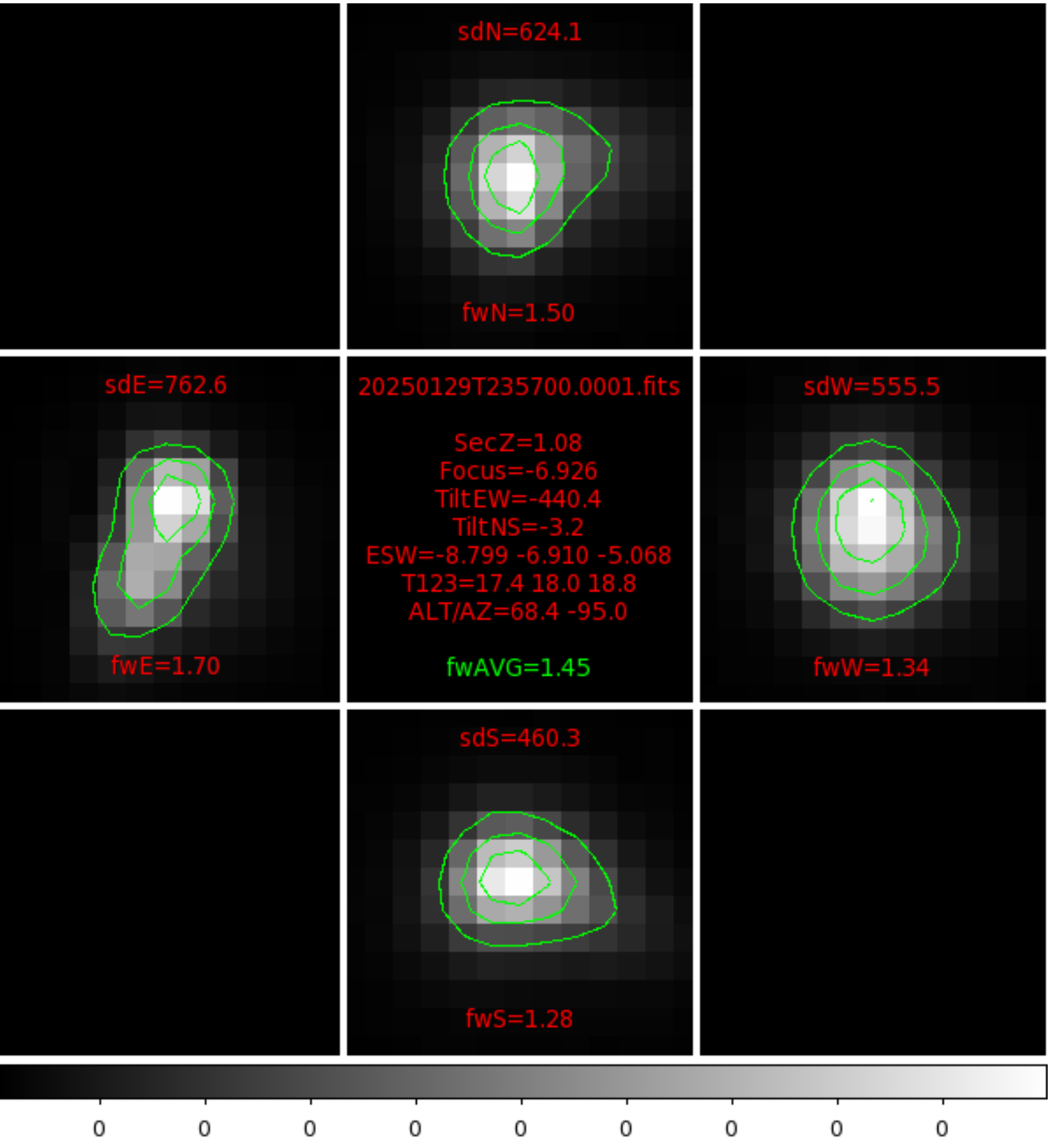
sdN=624.1
fwN=1.50
sdE=762.6
fwE=1.70
20250129T235700.0001.fits
SecZ=1.08
Focus=-6.926
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.799 -6.910 -5.068
T123=17.4 18.0 18.8
ALT/AZ=68.4 -95.0
fwAVG=1.45
sdW=555.5
fwW=1.34
sdS=460.3
fwS=1.28
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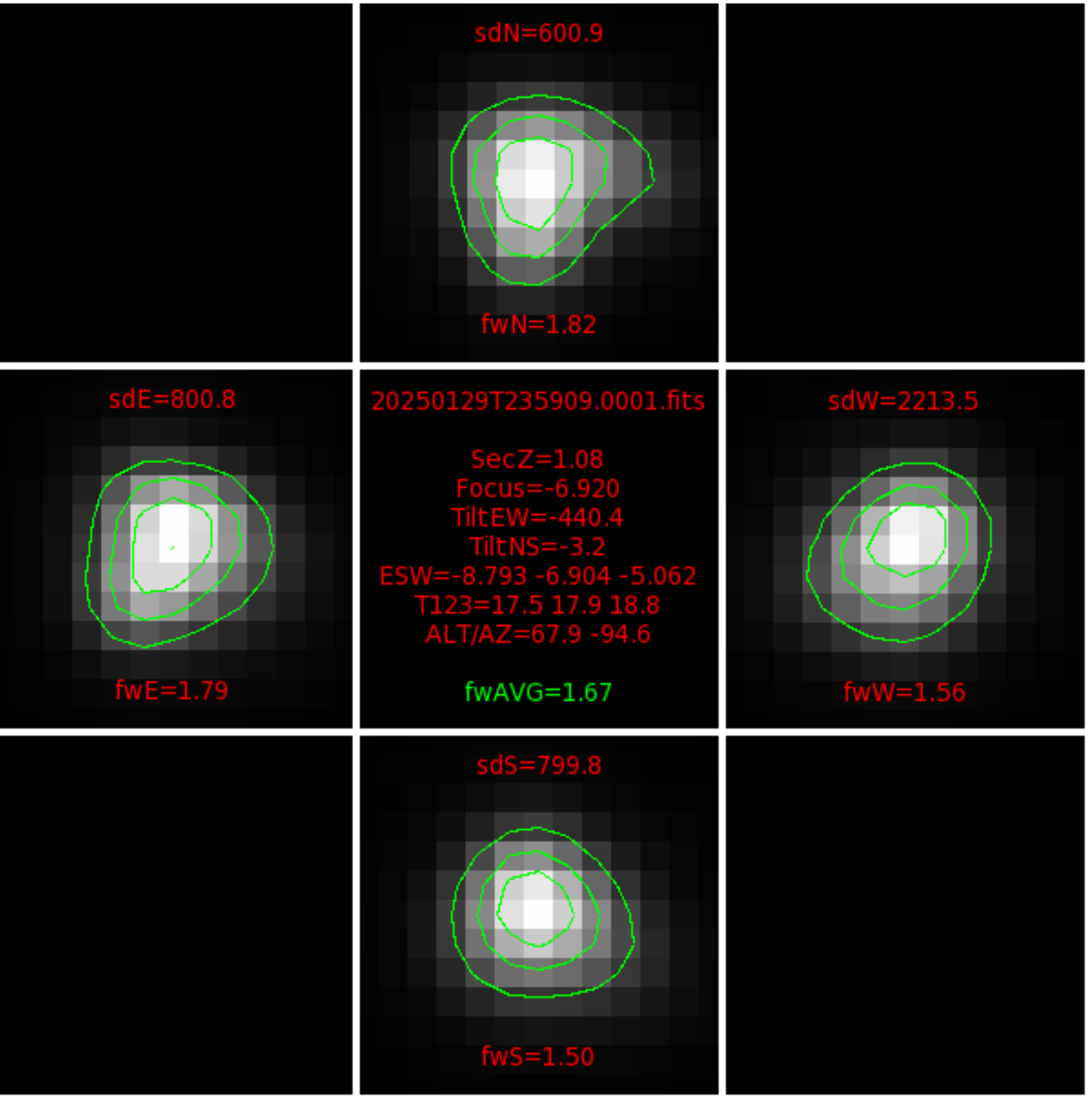
sdN=600.9
fwN=1.82
sdE=800.8
fwE=1.79
20250129T235909.0001.fits
SecZ=1.08
Focus=-6.920
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.793 -6.904 -5.062
T123=17.5 17.9 18.8
ALT/AZ=67.9 -94.6
fwAVG=1.67
sdW=2213.5
fwW=1.56
sdS=799.8
fwS=1.50
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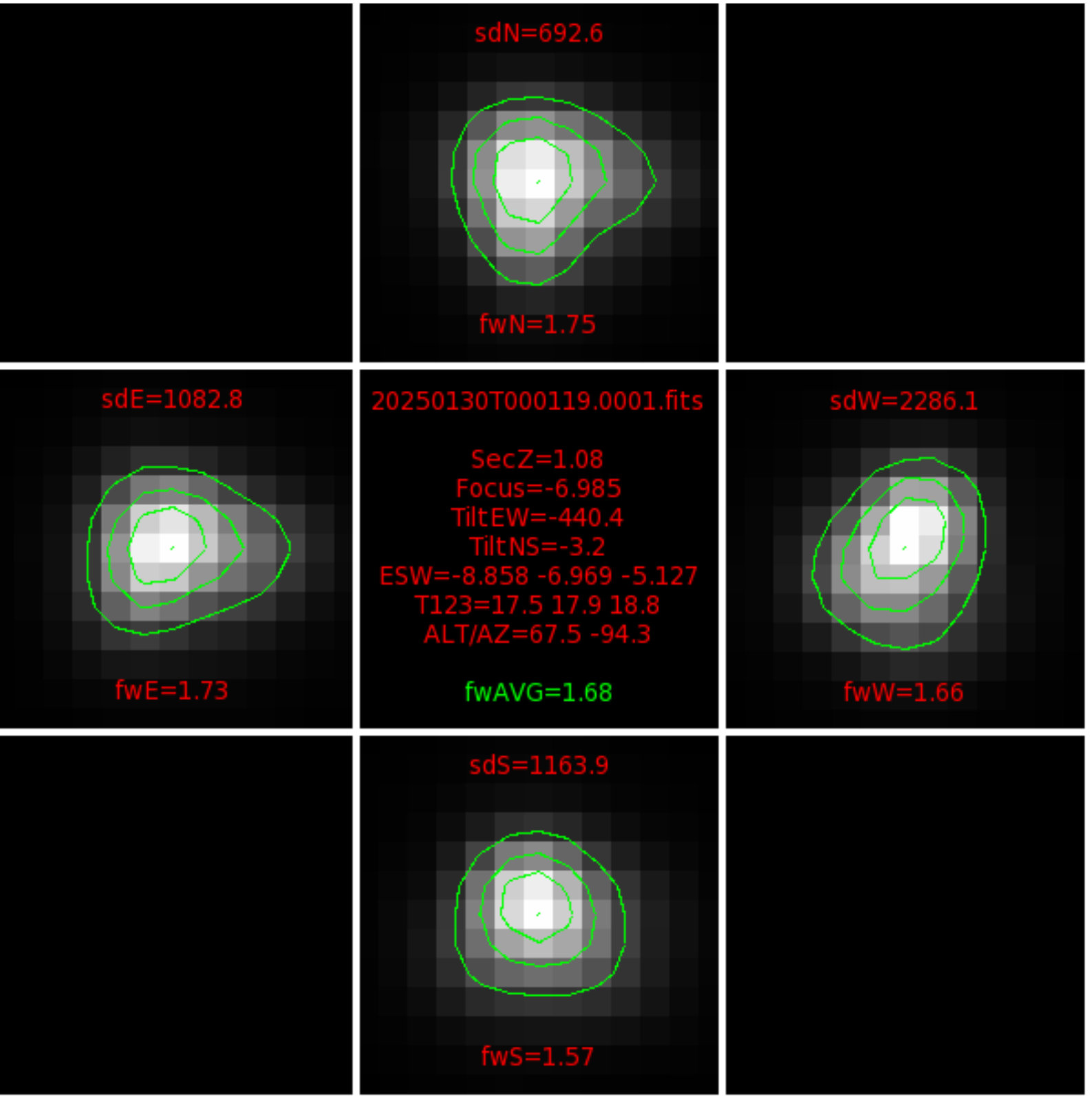
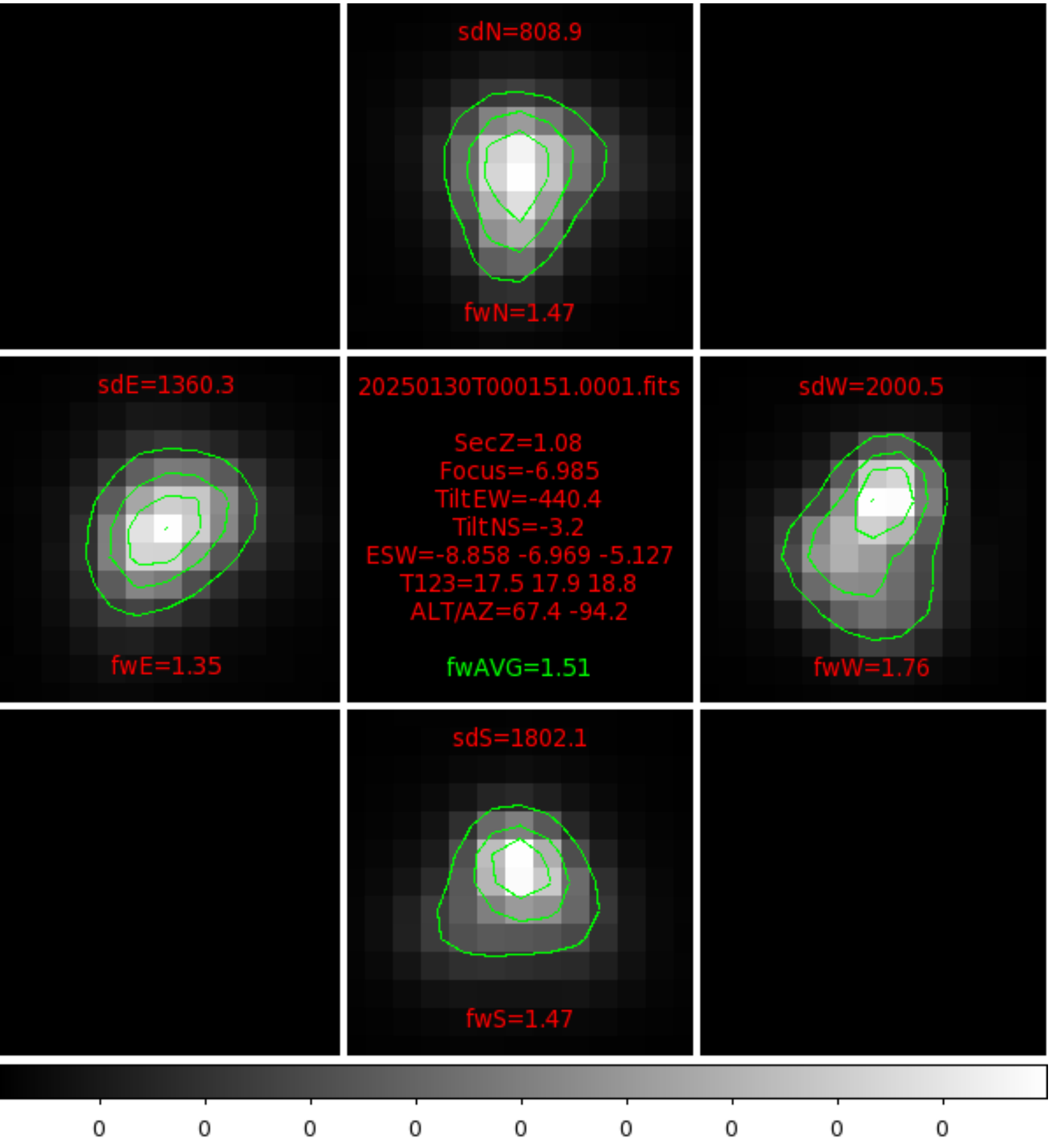

sdN=692.6
fwN=1.75
sdE=1082.8
fwE=1.73
20250130T000119.0001.fits
SecZ=1.08
Focus=-6.985
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.858 -6.969 -5.127
T123=17.5 17.9 18.8
ALT/AZ=67.5 -94.3
fwAVG=1.68
sdW=2286.1
fwW=1.66
sdS=1163.9
fwS=1.57
0 0 0 0 0 0 0 0 0


sdN=808.9
fwN=1.47
sdE=1360.3
fwE=1.35
20250130T000151.0001.fits
SecZ=1.08
Focus=-6.985
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.858 -6.969 -5.127
T123=17.5 17.9 18.8
ALT/AZ=67.4 -94.2
fwAVG=1.51
sdW=2000.5
fwW=1.76
sdS=1802.1
fwS=1.47
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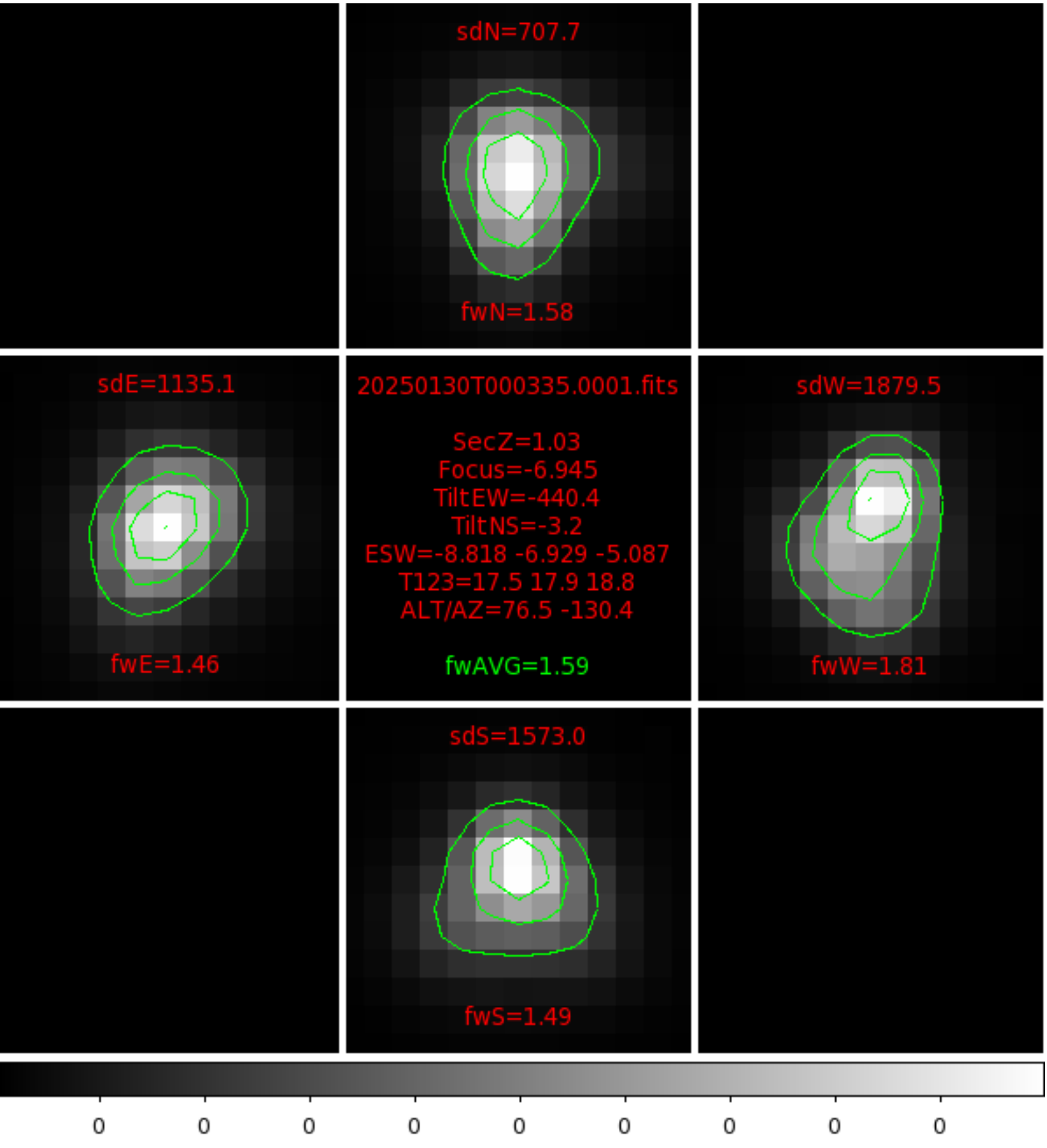
sdN=707.7
fwN=1.58
sdE=1135.1
fwE=1.46
20250130T000335.0001.fits
SecZ=1.03
Focus=-6.945
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.818 -6.929 -5.087
T123=17.5 17.9 18.8
ALT/AZ=76.5 -130.4
fwAVG=1.59
sdW=1879.5
fwW=1.81
sdS=1573.0
fwS=1.49
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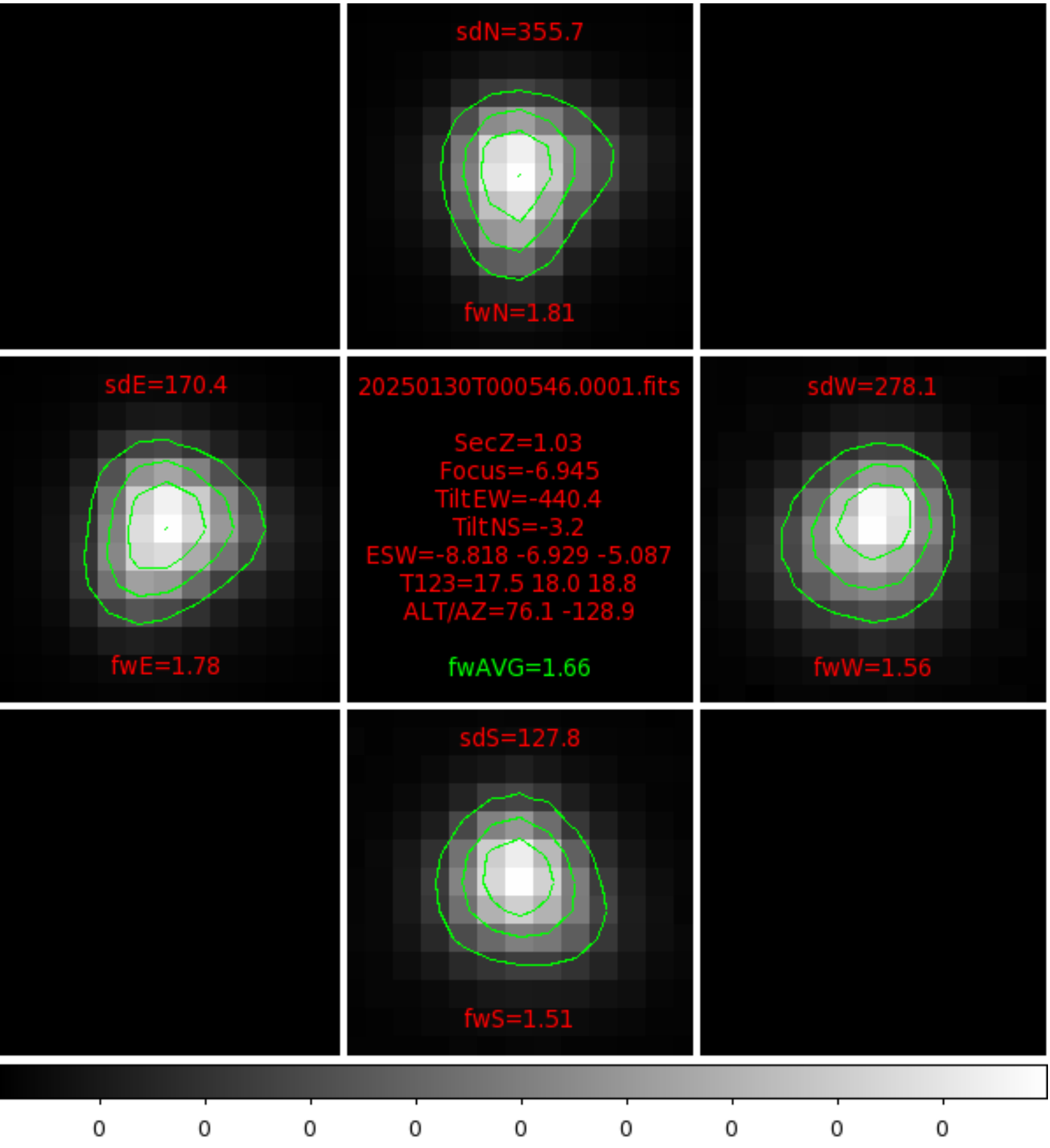
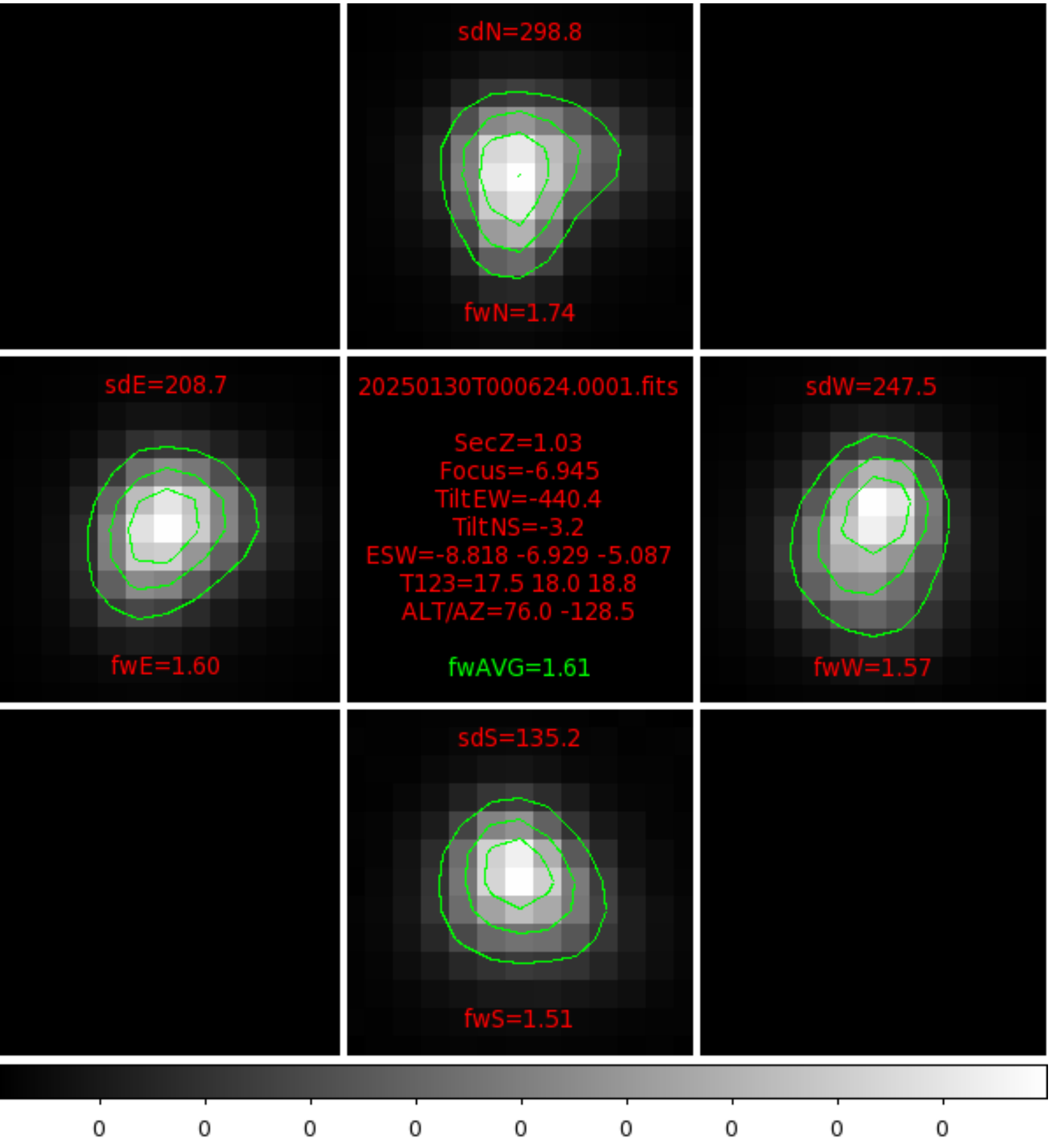
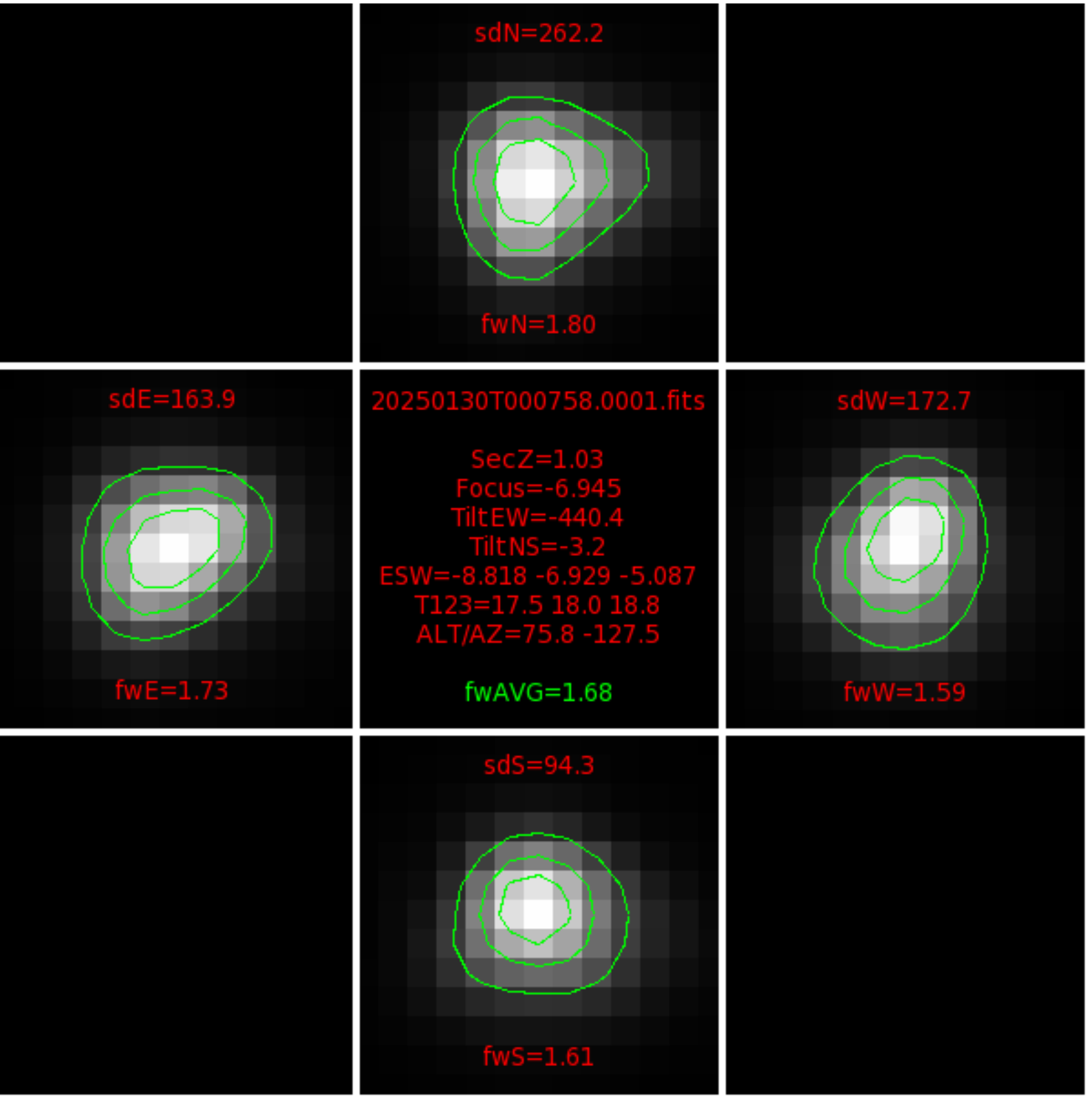
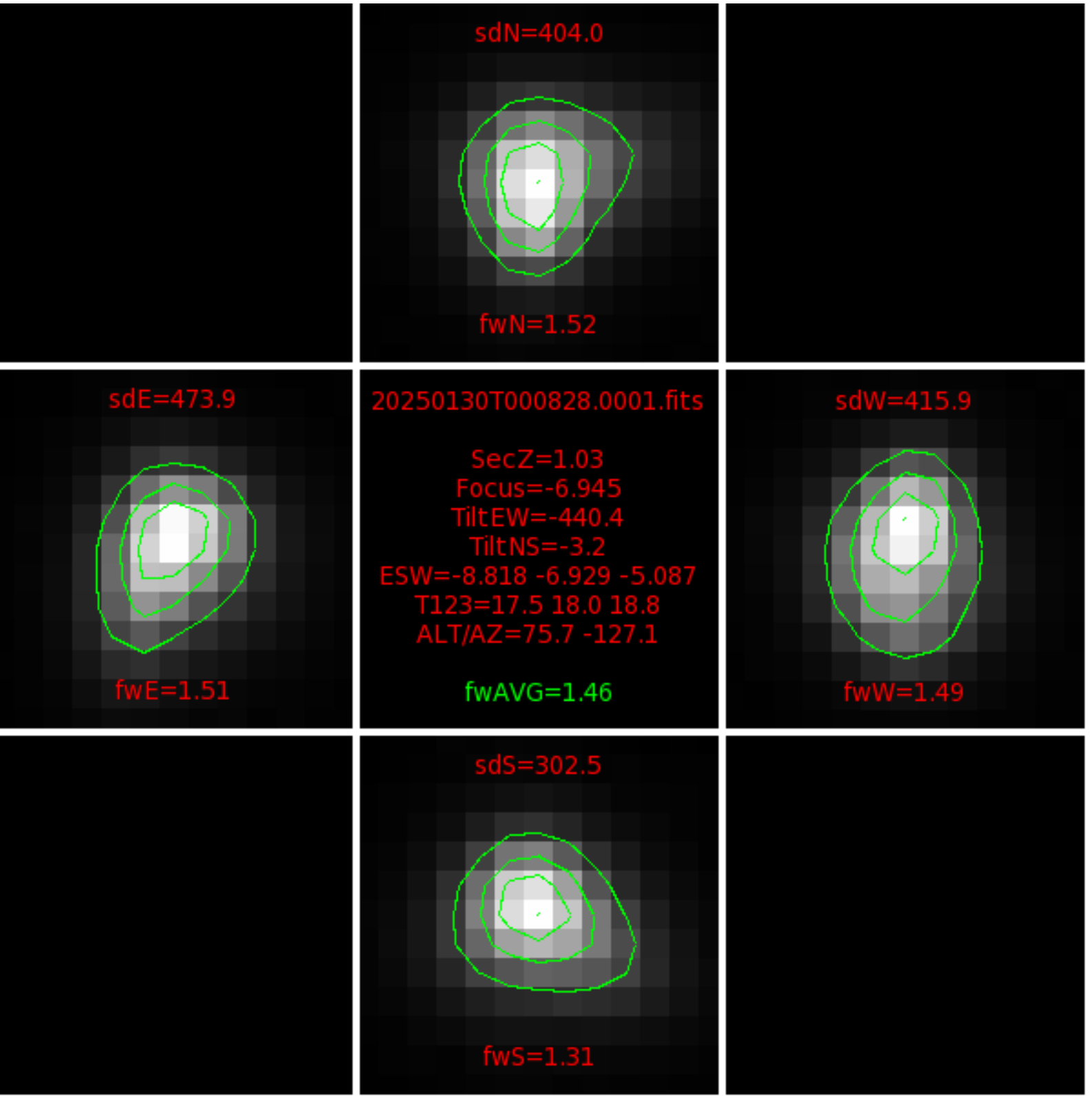
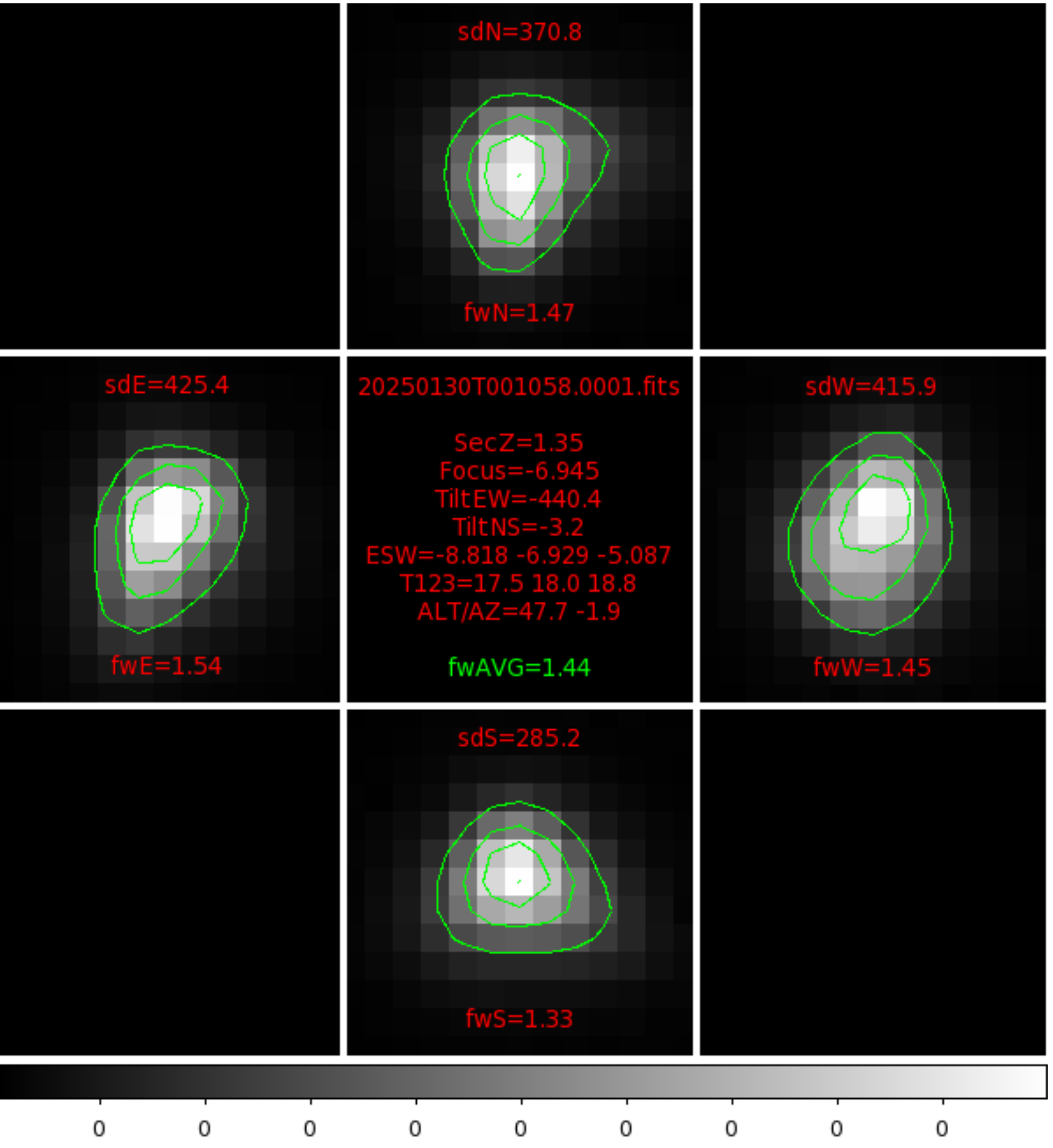
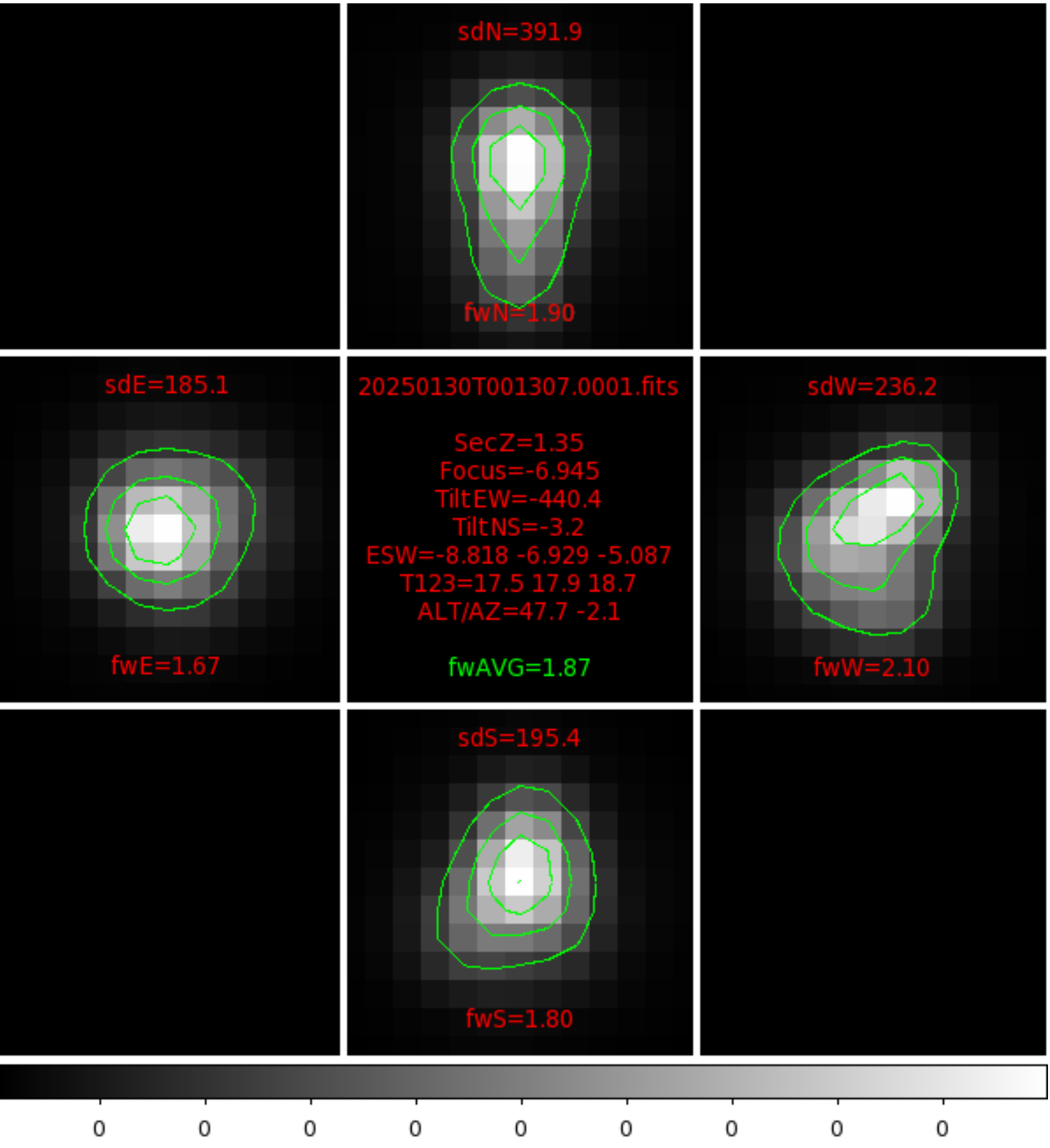

sdN=355.7
fwN=1.81
sdE=170.4
fwE=1.78
20250130T000546.0001.fits
SecZ=1.03
Focus=-6.945
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.818 -6.929 -5.087
T123=17.5 18.0 18.8
ALT/AZ=76.1 -128.9
fwAVG=1.66
sdW=278.1
fwW=1.56
sdS=127.8
fwS=1.51
0 0 0 0 0 0 0 0 0

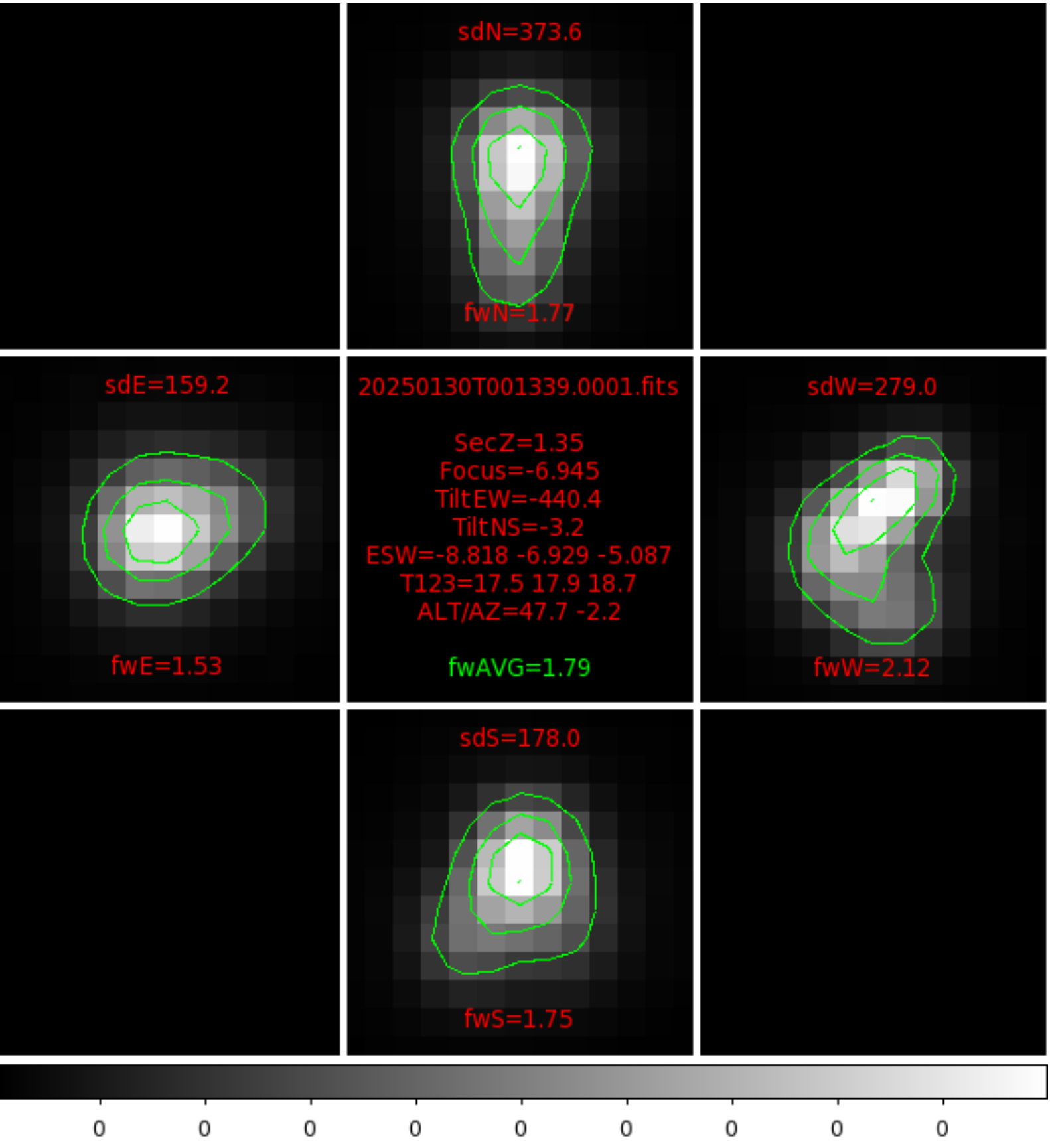

sdN=298.8
fwN=1.74
sdE=208.7
fwE=1.60
20250130T000624.0001.fits
SecZ=1.03
Focus=-6.945
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.818 -6.929 -5.087
T123=17.5 18.0 18.8
ALT/AZ=76.0 -128.5
fwAVG=1.61
sdW=247.5
fwW=1.57
sdS=135.2
fwS=1.51
0 0 0 0 0 0 0 0 0

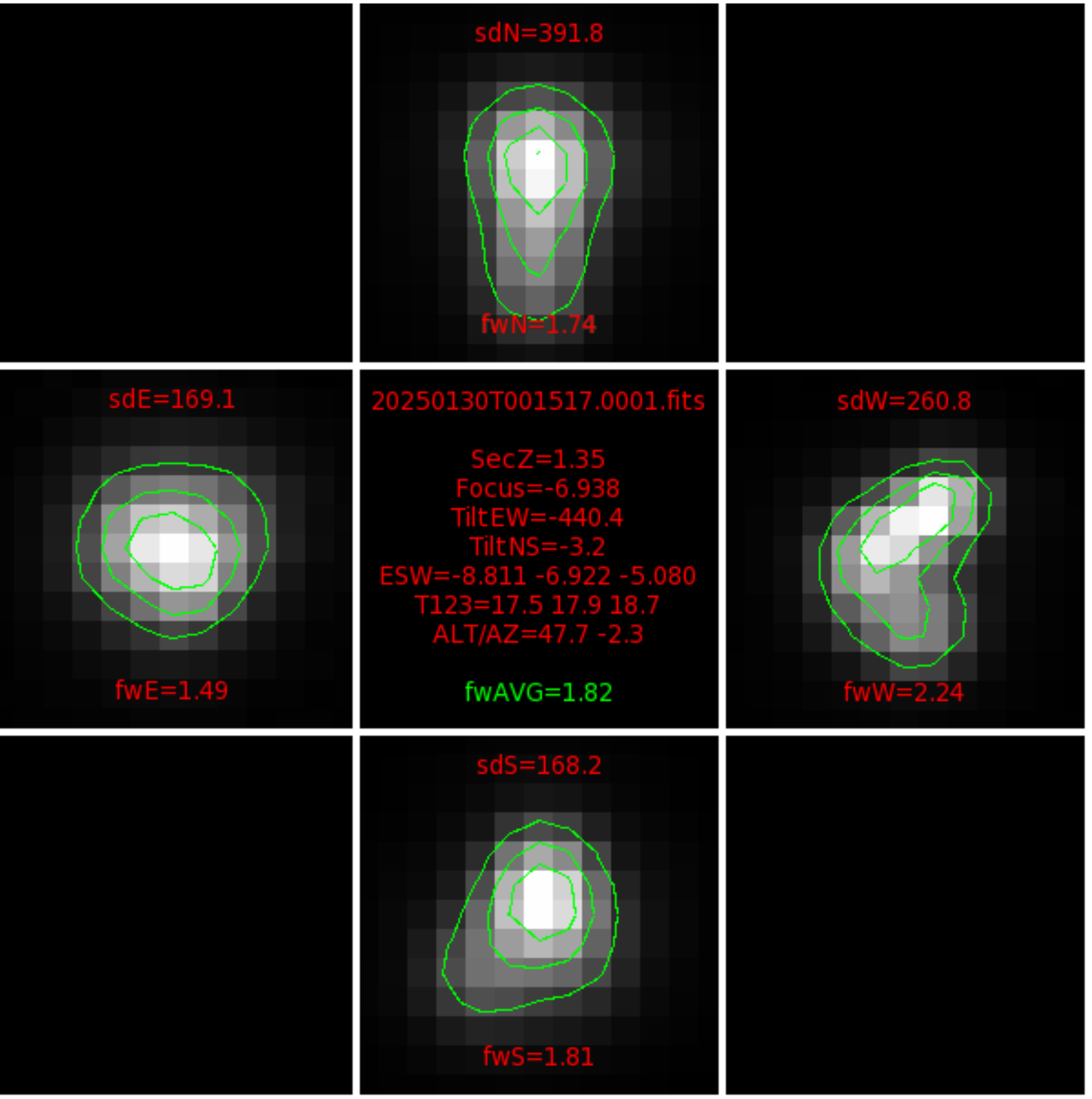

sdN=262.2
fwN=1.80
sdE=163.9
fwE=1.73
20250130T000758.0001.fits
SecZ=1.03
Focus=-6.945
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.818 -6.929 -5.087
T123=17.5 18.0 18.8
ALT/AZ=75.8 -127.5
fwAVG=1.68
sdW=172.7
fwW=1.59
sdS=94.3
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=404.0
fwN=1.52
sdE=473.9
fwE=1.51
20250130T000828.0001.fits
SecZ=1.03
Focus=-6.945
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.818 -6.929 -5.087
T123=17.5 18.0 18.8
ALT/AZ=75.7 -127.1
fwAVG=1.46
sdW=415.9
fwW=1.49
sdS=302.5
fwS=1.31
0 0 0 0 0 0 0 0 0


sdN=370.8
fwN=1.47
sdE=425.4
fwE=1.54
20250130T001058.0001.fits
SecZ=1.35
Focus=-6.945
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.818 -6.929 -5.087
T123=17.5 18.0 18.8
ALT/AZ=47.7 -1.9
fwAVG=1.44
sdW=415.9
fwW=1.45
sdS=285.2
fwS=1.33
0 0 0 0 0 0 0 0 0


sdN=391.9
fwN=1.90
sdE=185.1
fwE=1.67
20250130T001307.0001.fits
SecZ=1.35
Focus=-6.945
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.818 -6.929 -5.087
T123=17.5 17.9 18.7
ALT/AZ=47.7 -2.1
fwAVG=1.87
sdW=236.2
fwW=2.10
sdS=195.4
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=373.6
fwN=1.77
sdE=159.2
fwE=1.53
20250130T001339.0001.fits
SecZ=1.35
Focus=-6.945
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.818 -6.929 -5.087
T123=17.5 17.9 18.7
ALT/AZ=47.7 -2.2
fwAVG=1.79
sdW=279.0
fwW=2.12
sdS=178.0
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=391.8
fwN=1.74
sdE=169.1
fwE=1.49
20250130T001517.0001.fits
SecZ=1.35
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.5 17.9 18.7
ALT/AZ=47.7 -2.3
fwAVG=1.82
sdW=260.8
fwW=2.24
sdS=168.2
fwS=1.81
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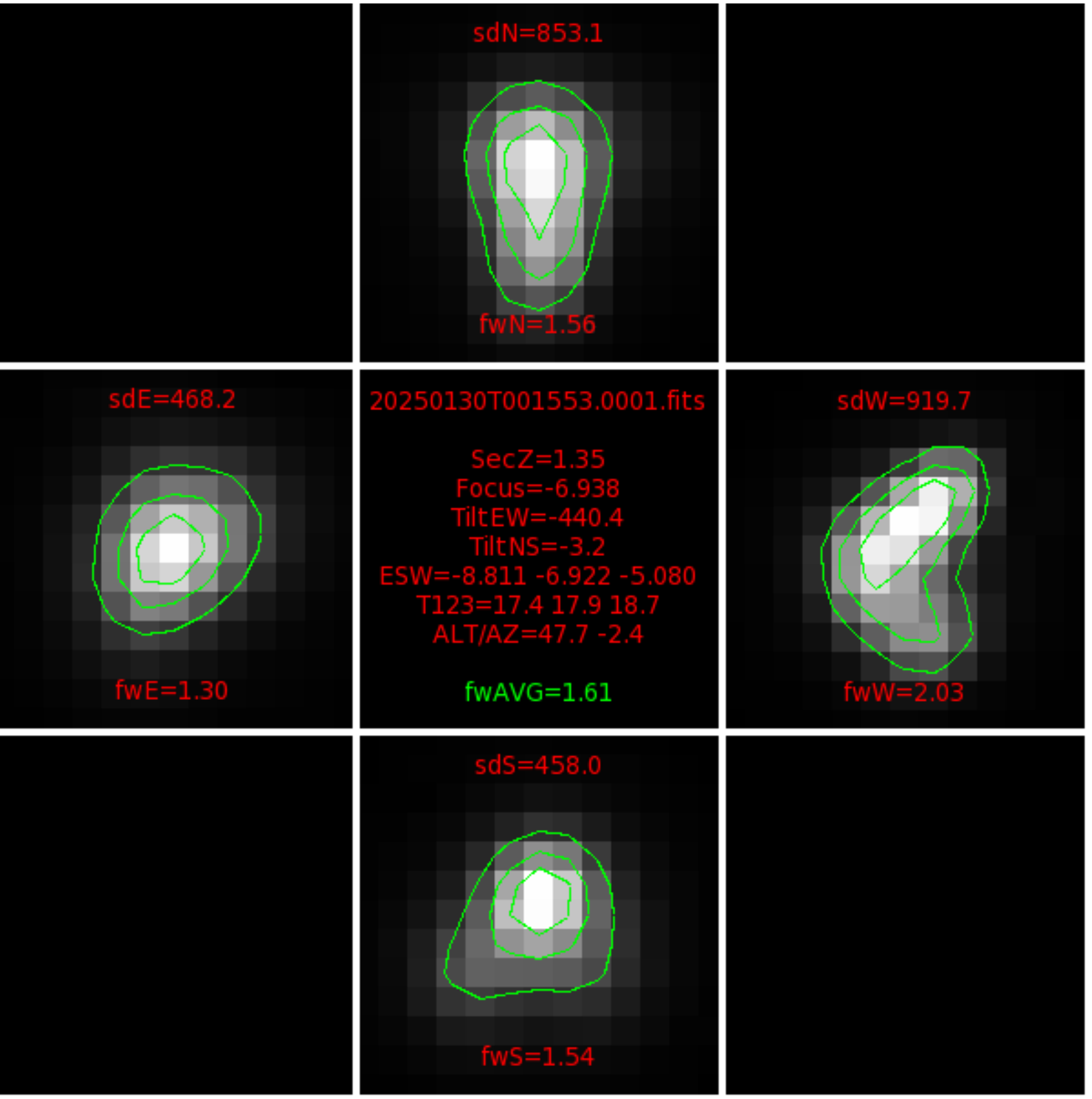
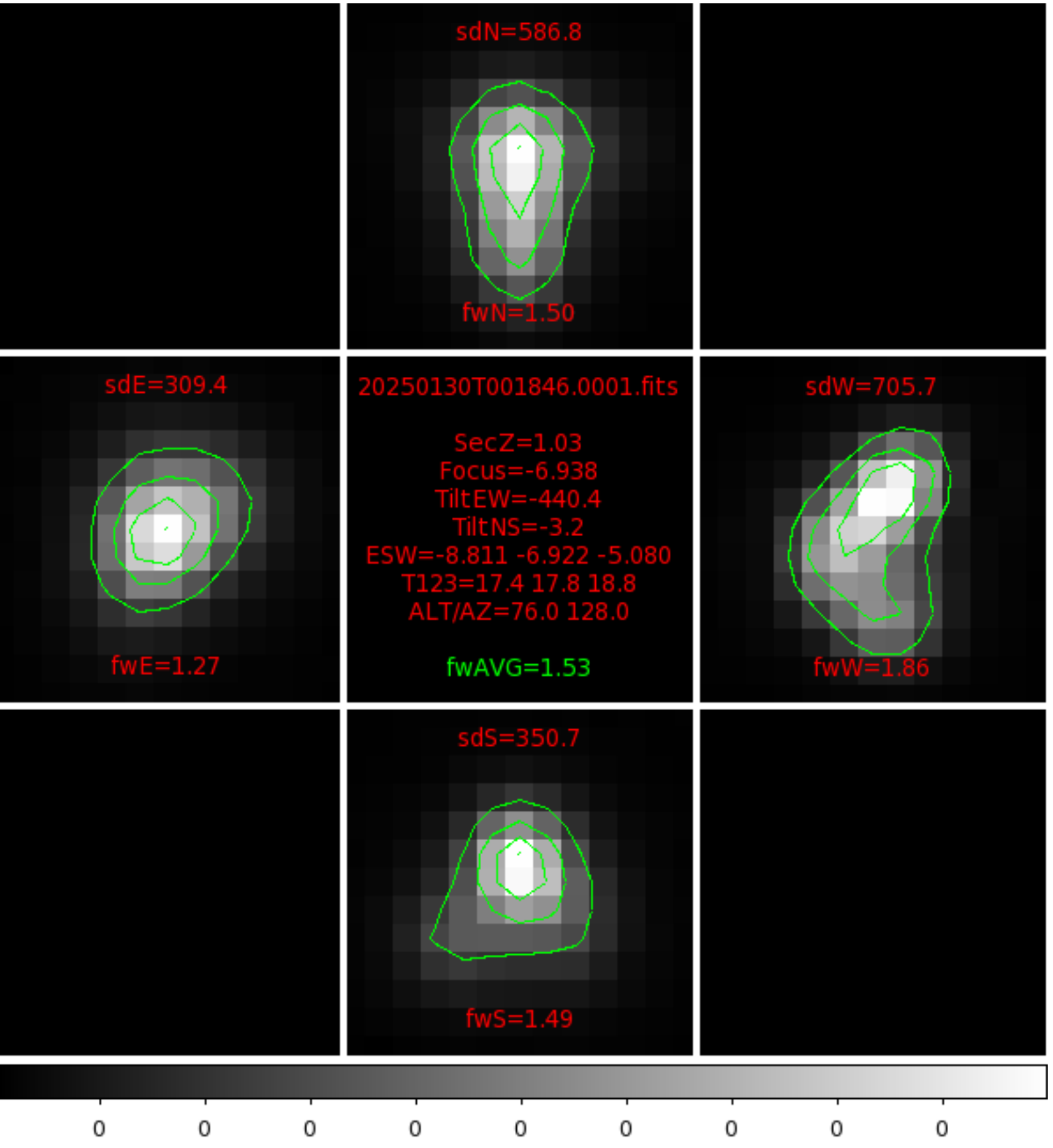
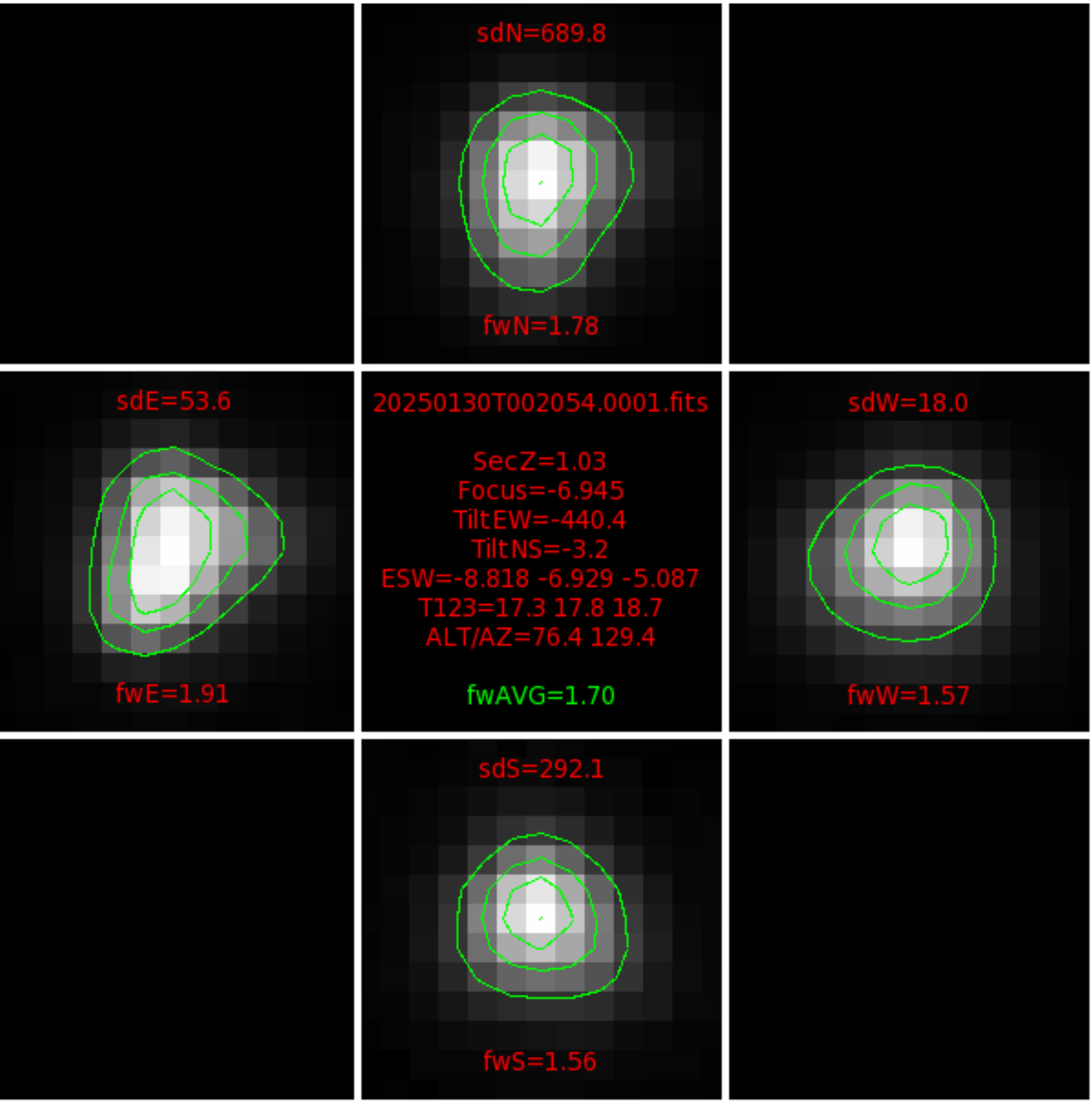
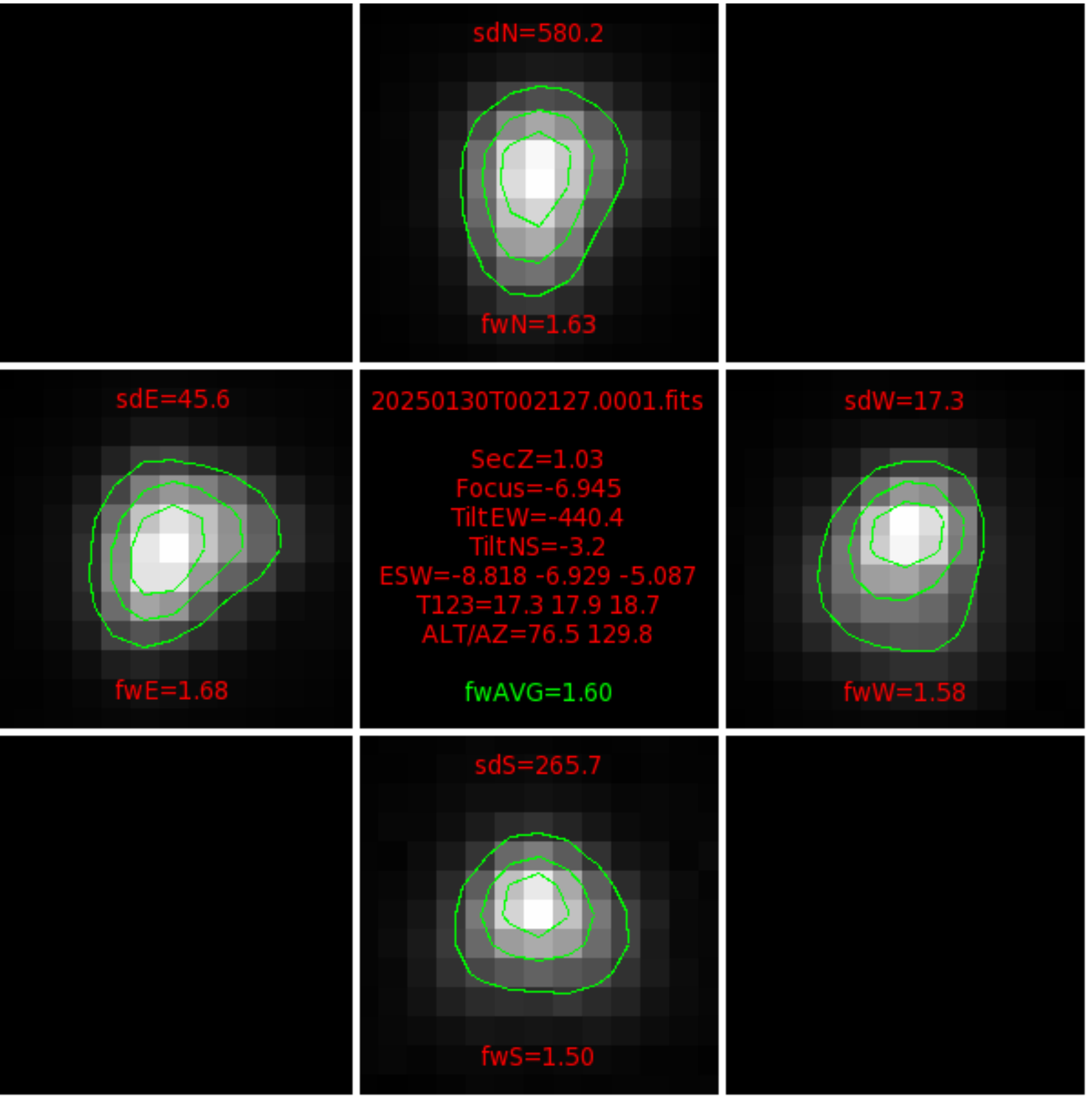

sdN=853.1
fwN=1.56
sdE=468.2
fwE=1.30
20250130T001553.0001.fits
SecZ=1.35
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.4 17.9 18.7
ALT/AZ=47.7 -2.4
fwAVG=1.61
sdW=919.7
fwW=2.03
sdS=458.0
fwS=1.54
0 0 0 0 0 0 0 0 0


sdN=586.8
fwN=1.50
sdE=309.4
fwE=1.27
20250130T001846.0001.fits
SecZ=1.03
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.4 17.8 18.8
ALT/AZ=76.0 128.0
fwAVG=1.53
sdW=705.7
fwW=1.86
sdS=350.7
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=689.8
fwN=1.78
sdE=53.6
fwE=1.91
20250130T002054.0001.fits
SecZ=1.03
Focus=-6.945
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.818 -6.929 -5.087
T123=17.3 17.8 18.7
ALT/AZ=76.4 129.4
fwAVG=1.70
sdW=18.0
fwW=1.57
sdS=292.1
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=580.2
fwN=1.63
sdE=45.6
fwE=1.68
20250130T002127.0001.fits
SecZ=1.03
Focus=-6.945
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.818 -6.929 -5.087
T123=17.3 17.9 18.7
ALT/AZ=76.5 129.8
fwAVG=1.60
sdW=17.3
fwW=1.58
sdS=265.7
fwS=1.50
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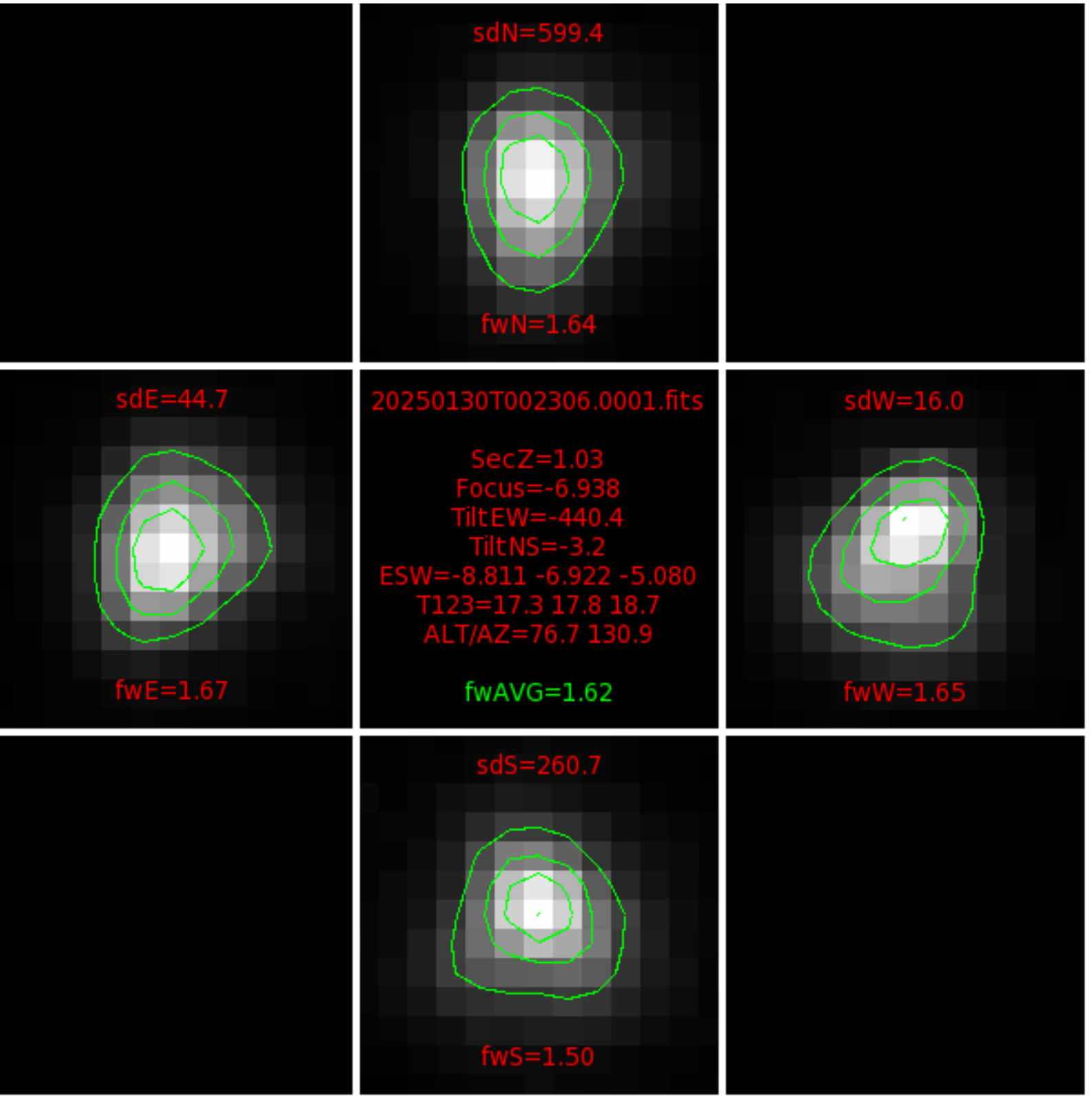
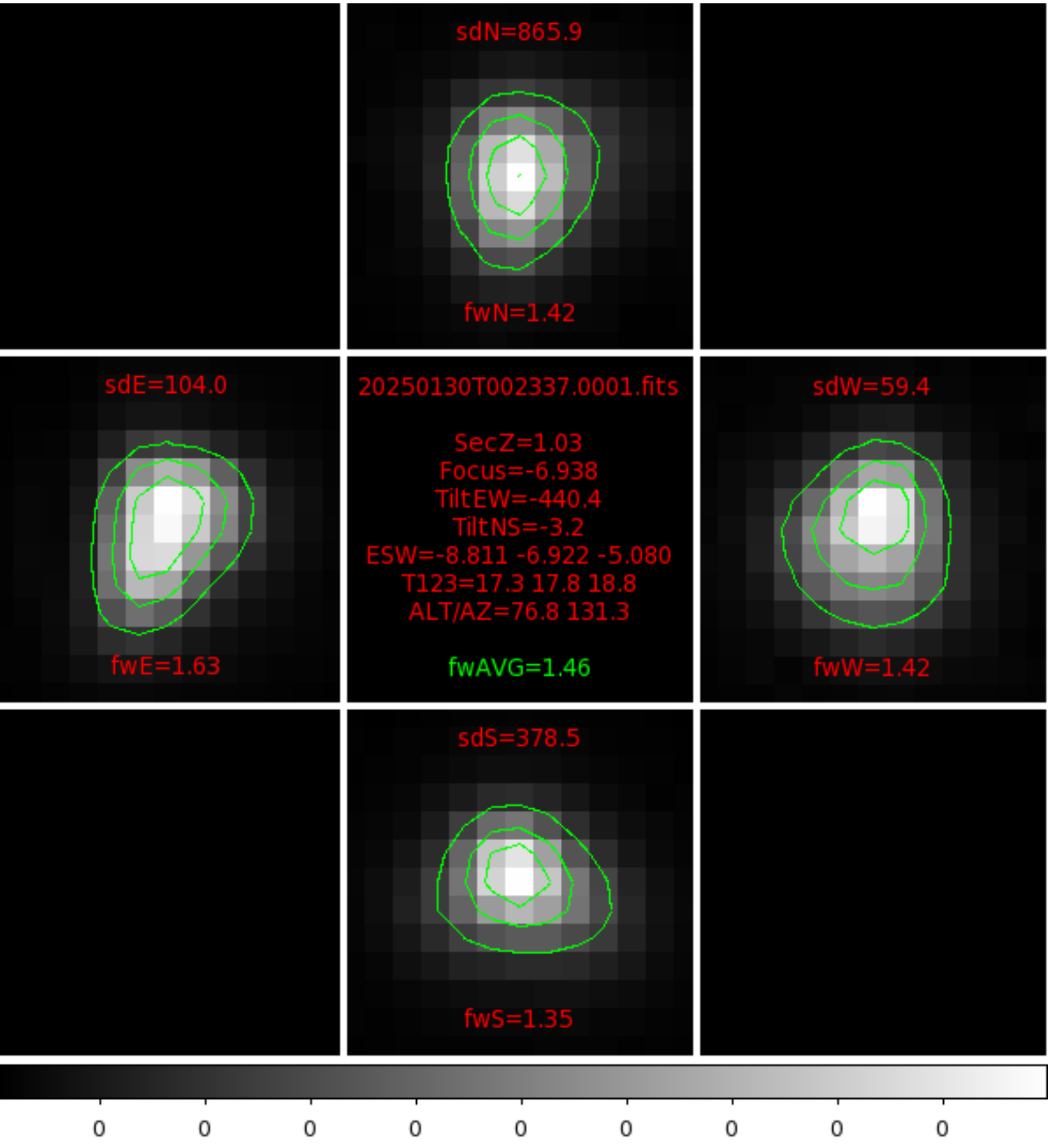
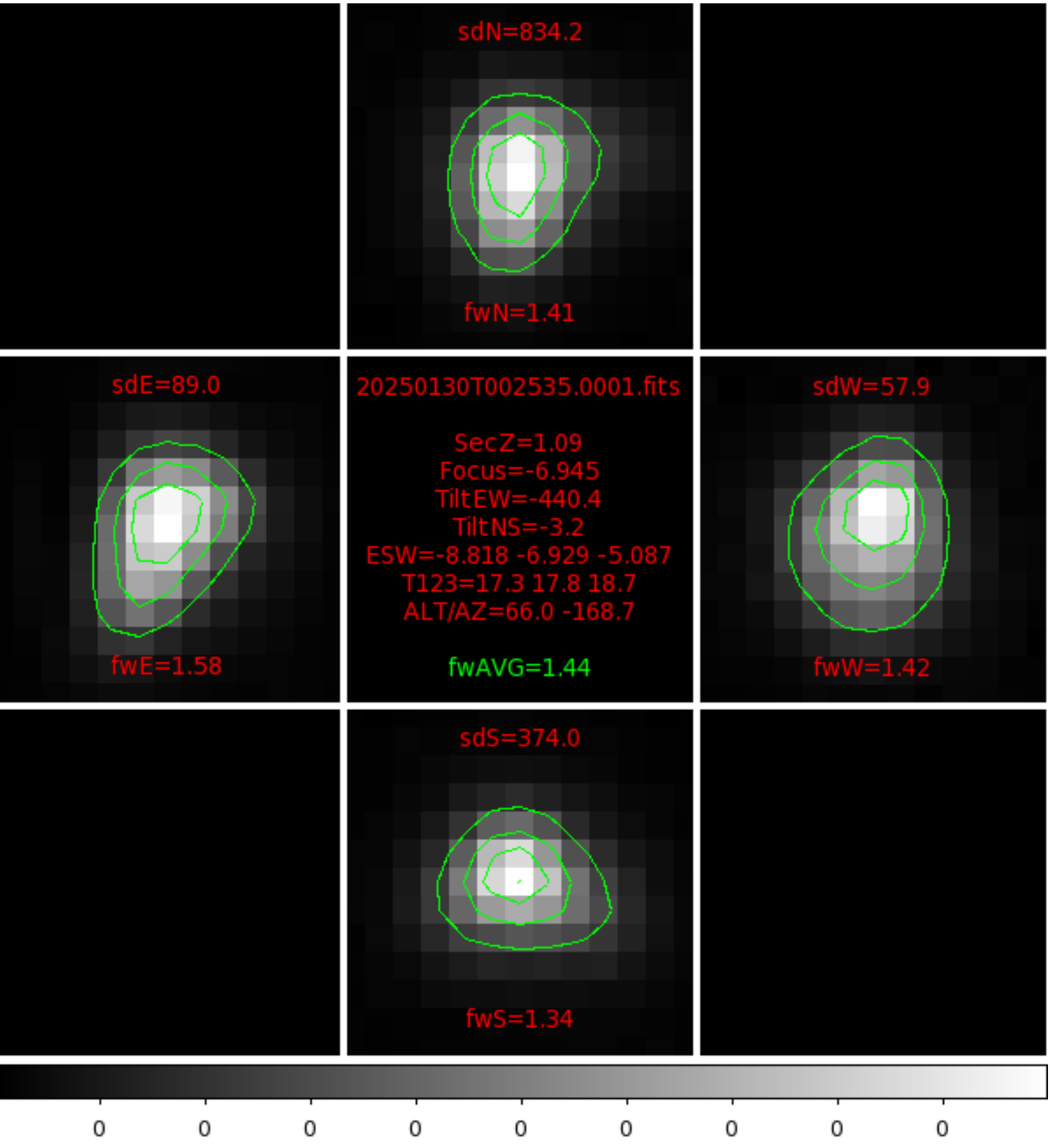
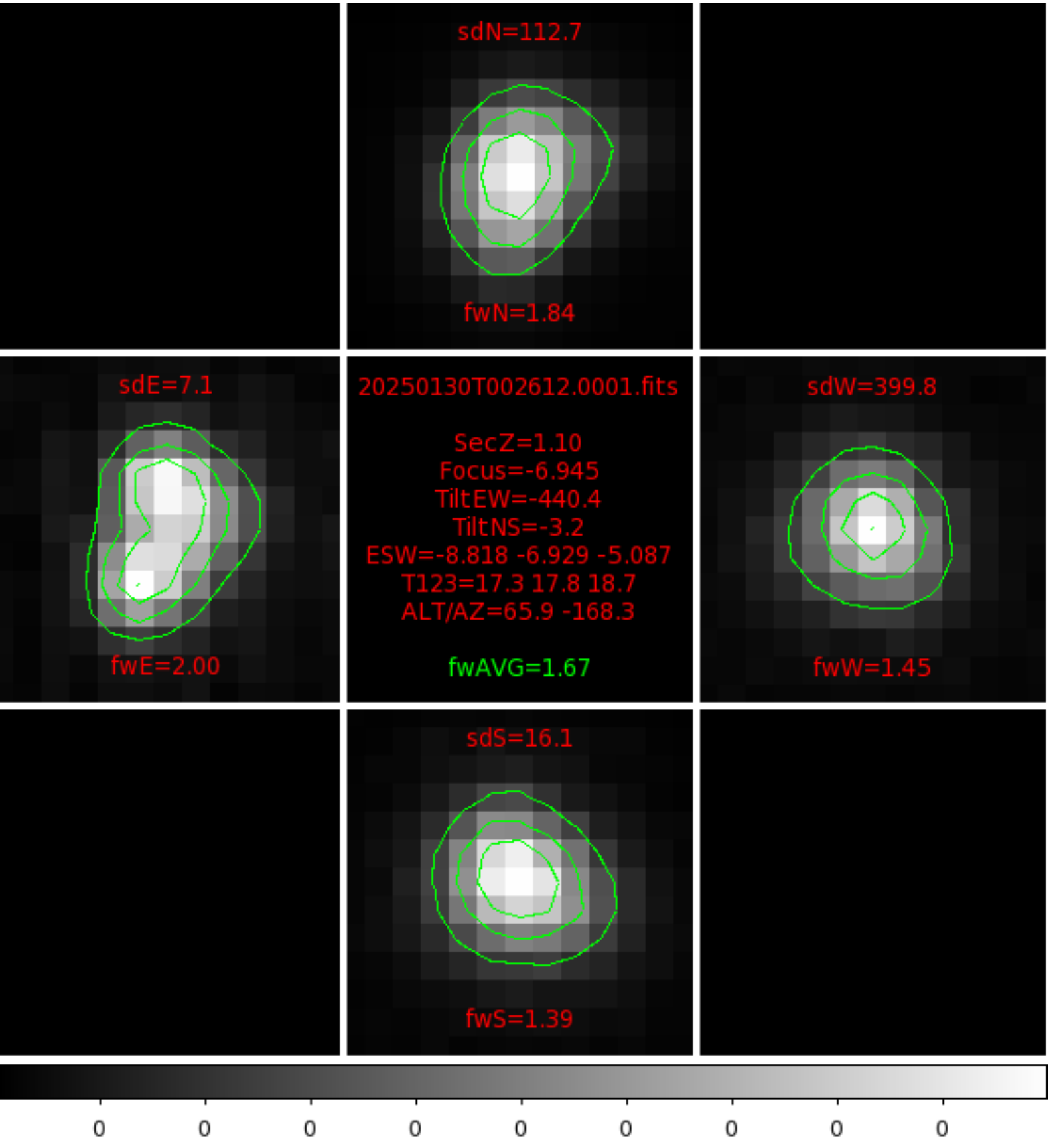
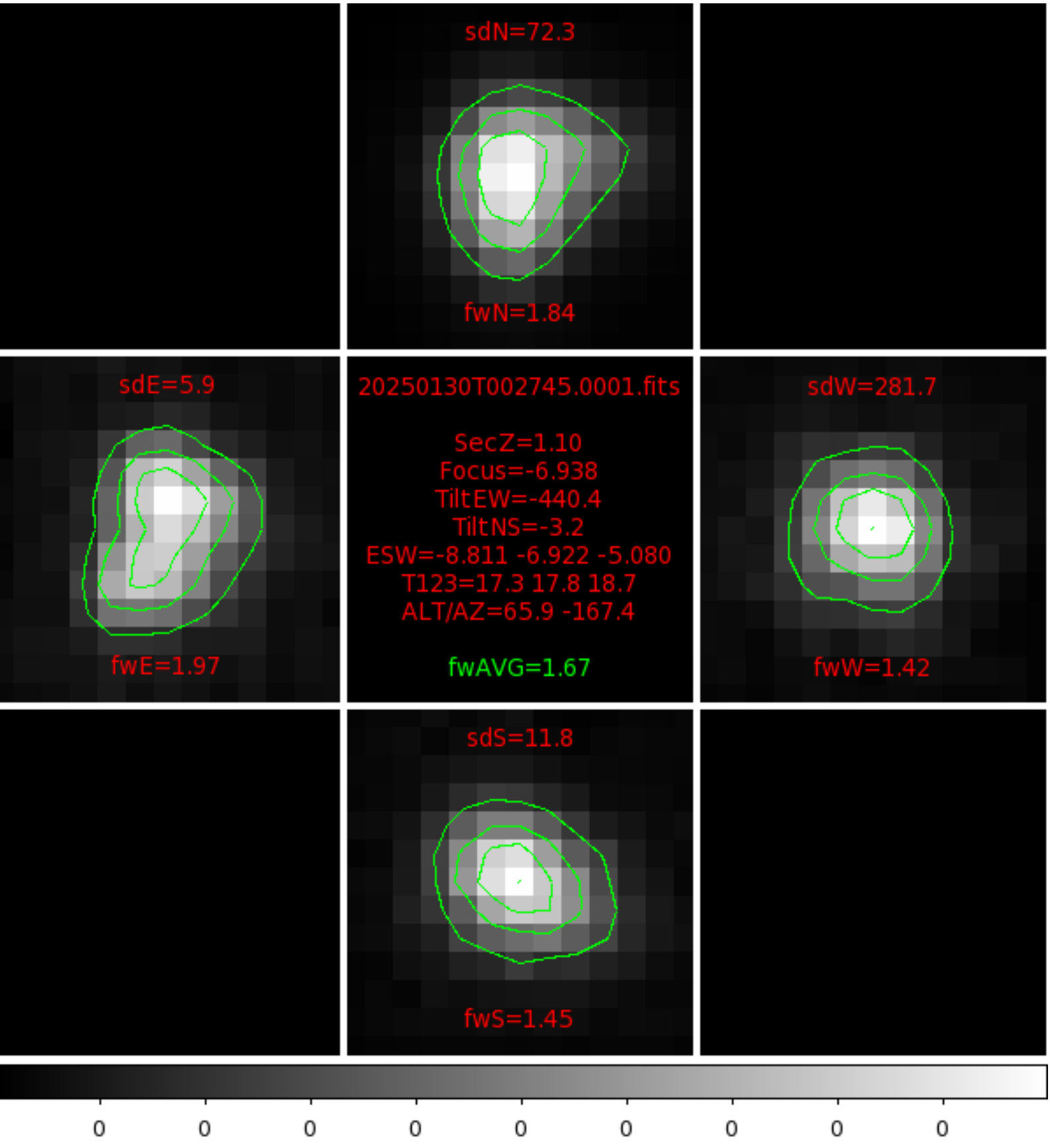
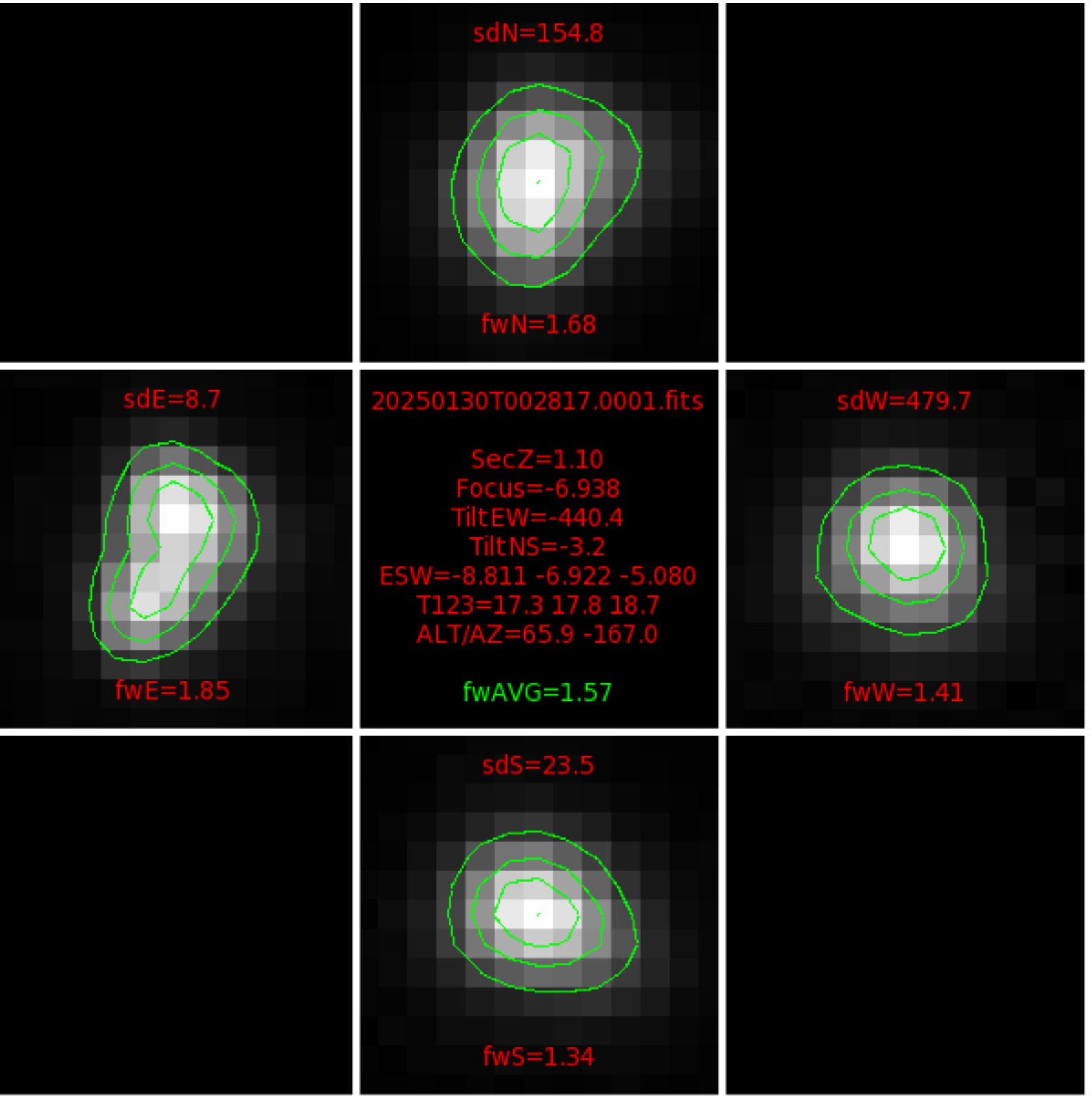

sdN=599.4
fwN=1.64
sdE=44.7
fwE=1.67
20250130T002306.0001.fits
SecZ=1.03
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.3 17.8 18.7
ALT/AZ=76.7 130.9
fwAVG=1.62
sdW=16.0
fwW=1.65
sdS=260.7
fwS=1.50
0 0 0 0 0 0 0 0 0

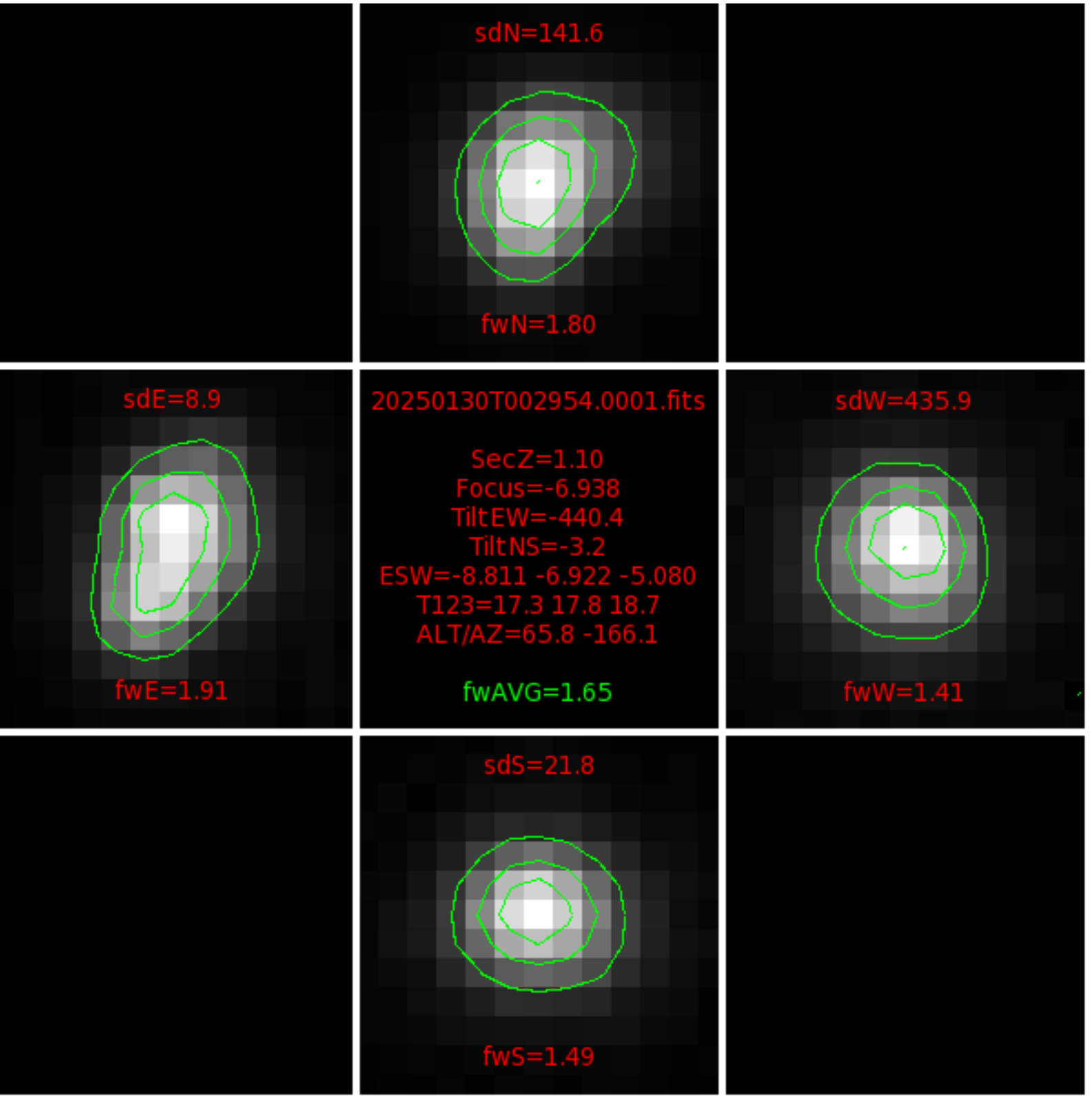

sdN=865.9
fwN=1.42
sdE=104.0
fwE=1.63
20250130T002337.0001.fits
SecZ=1.03
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.3 17.8 18.8
ALT/AZ=76.8 131.3
fwAVG=1.46
sdW=59.4
fwW=1.42
sdS=378.5
fwS=1.35
0 0 0 0 0 0 0 0 0


sdN=834.2
fwN=1.41
sdE=89.0
fwE=1.58
20250130T002535.0001.fits
SecZ=1.09
Focus=-6.945
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.818 -6.929 -5.087
T123=17.3 17.8 18.7
ALT/AZ=66.0 -168.7
fwAVG=1.44
sdW=57.9
fwW=1.42
sdS=374.0
fwS=1.34
0 0 0 0 0 0 0 0 0


sdN=112.7
fwN=1.84
sdE=7.1
fwE=2.00
20250130T002612.0001.fits
SecZ=1.10
Focus=-6.945
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.818 -6.929 -5.087
T123=17.3 17.8 18.7
ALT/AZ=65.9 -168.3
fwAVG=1.67
sdW=399.8
fwW=1.45
sdS=16.1
fwS=1.39
0 0 0 0 0 0 0 0 0


sdN=72.3
fwN=1.84
sdE=5.9
fwE=1.97
20250130T002745.0001.fits
SecZ=1.10
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.3 17.8 18.7
ALT/AZ=65.9 -167.4
fwAVG=1.67
sdW=281.7
fwW=1.42
sdS=11.8
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=154.8
fwN=1.68
sdE=8.7
fwE=1.85
20250130T002817.0001.fits
SecZ=1.10
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.3 17.8 18.7
ALT/AZ=65.9 -167.0
fwAVG=1.57
sdW=479.7
fwW=1.41
sdS=23.5
fwS=1.34
0 0 0 0 0 0 0 0 0


sdN=141.6
fwN=1.80
sdE=8.9
fwE=1.91
20250130T002954.0001.fits
SecZ=1.10
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.3 17.8 18.7
ALT/AZ=65.8 -166.1
fwAVG=1.65
sdW=435.9
fwW=1.41
sdS=21.8
fwS=1.49
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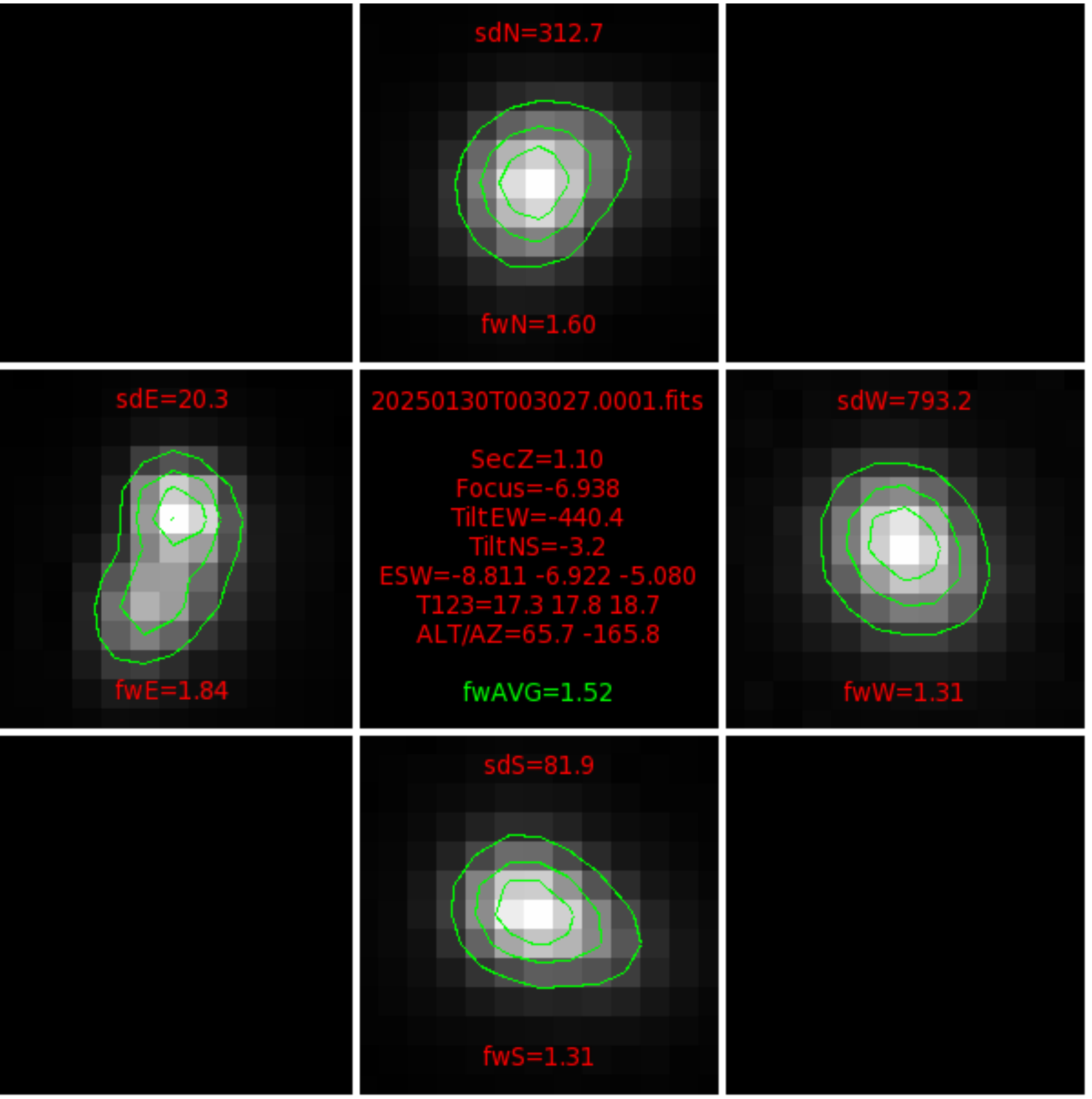
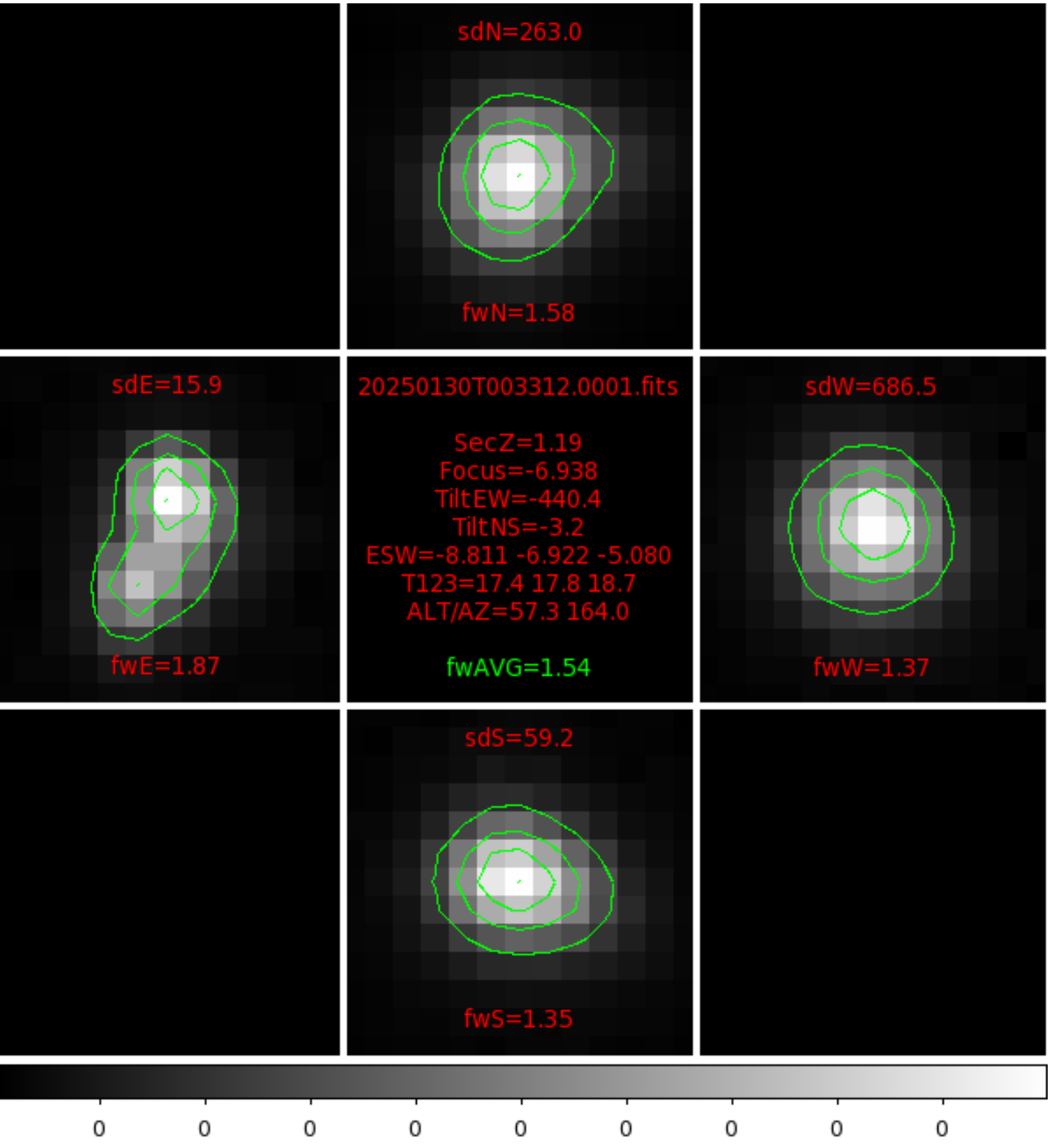

sdN=312.7
fwN=1.60
sdE=20.3
fwE=1.84
20250130T003027.0001.fits
SecZ=1.10
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.3 17.8 18.7
ALT/AZ=65.7 -165.8
fwAVG=1.52
sdW=793.2
fwW=1.31
sdS=81.9
fwS=1.31
0 0 0 0 0 0 0 0 0


sdN=263.0
fwN=1.58
sdE=15.9
fwE=1.87
20250130T003312.0001.fits
SecZ=1.19
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.4 17.8 18.7
ALT/AZ=57.3 164.0
fwAVG=1.54
sdW=686.5
fwW=1.37
sdS=59.2
fwS=1.35
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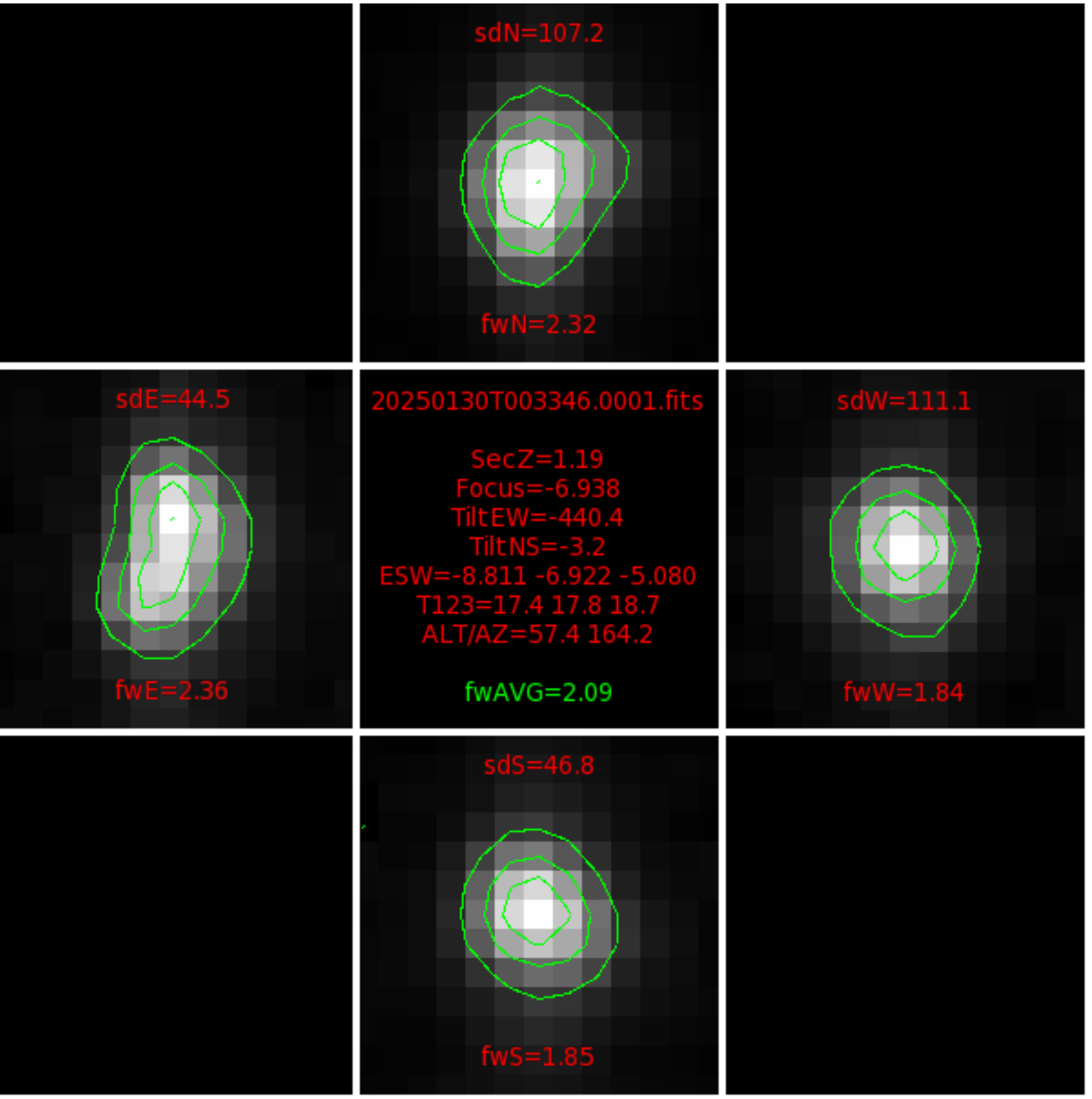
sdN=107.2
fwN=2.32
sdE=44.5
fwE=2.36
20250130T003346.0001.fits
SecZ=1.19
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.4 17.8 18.7
ALT/AZ=57.4 164.2
fwAVG=2.09
sdW=111.1
fwW=1.84
sdS=46.8
fwS=1.85
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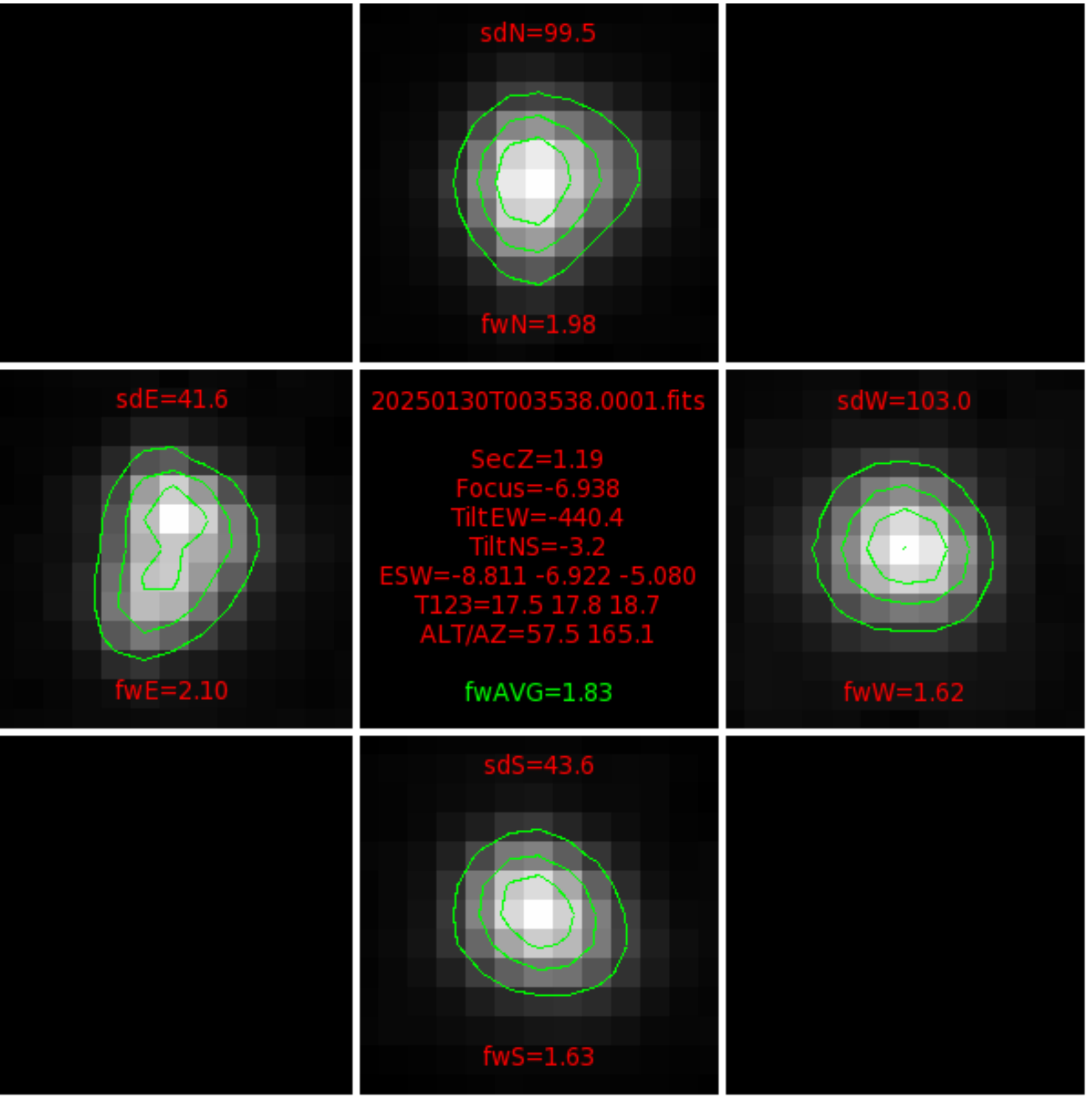
sdN=99.5
fwN=1.98
sdE=41.6
fwE=2.10
20250130T003538.0001.fits
SecZ=1.19
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.5 17.8 18.7
ALT/AZ=57.5 165.1
fwAVG=1.83
sdW=103.0
fwW=1.62
sdS=43.6
fwS=1.63
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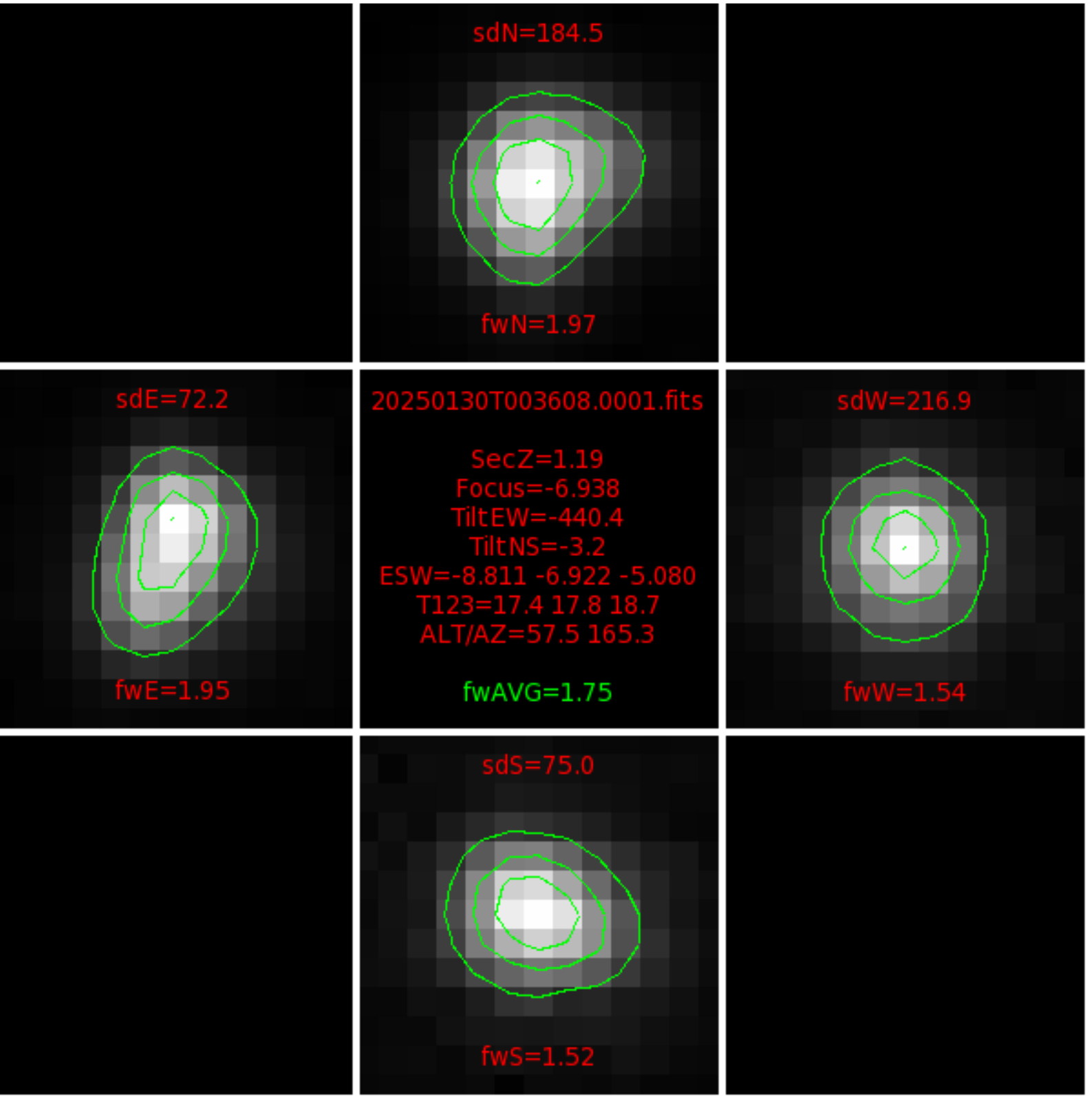
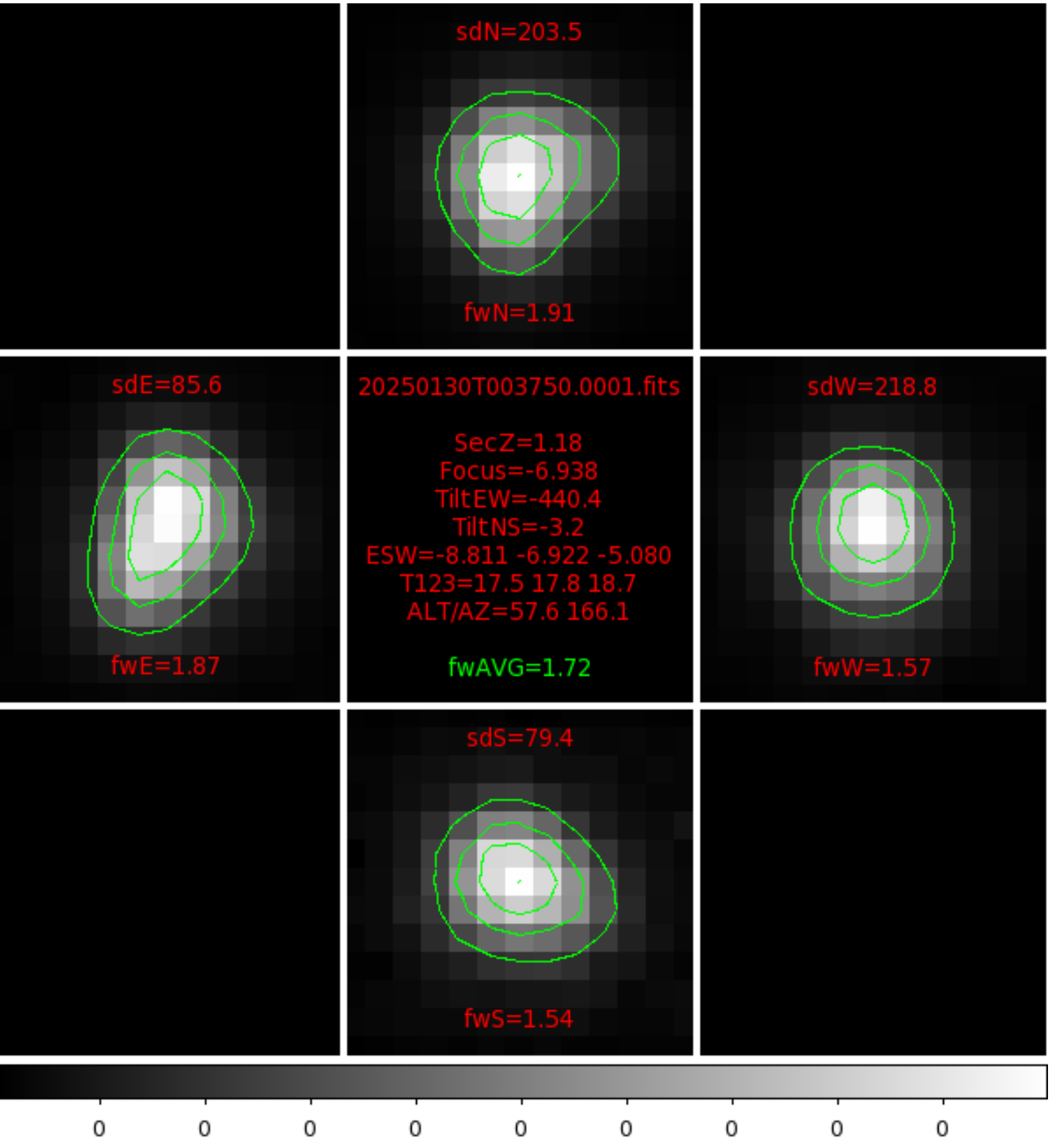

sdN=184.5
fwN=1.97
sdE=72.2
fwE=1.95
20250130T003608.0001.fits
SecZ=1.19
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.4 17.8 18.7
ALT/AZ=57.5 165.3
fwAVG=1.75
sdW=216.9
fwW=1.54
sdS=75.0
fwS=1.52
0 0 0 0 0 0 0 0 0


sdN=203.5
fwN=1.91
sdE=85.6
fwE=1.87
20250130T003750.0001.fits
SecZ=1.18
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.5 17.8 18.7
ALT/AZ=57.6 166.1
fwAVG=1.72
sdW=218.8
fwW=1.57
sdS=79.4
fwS=1.54
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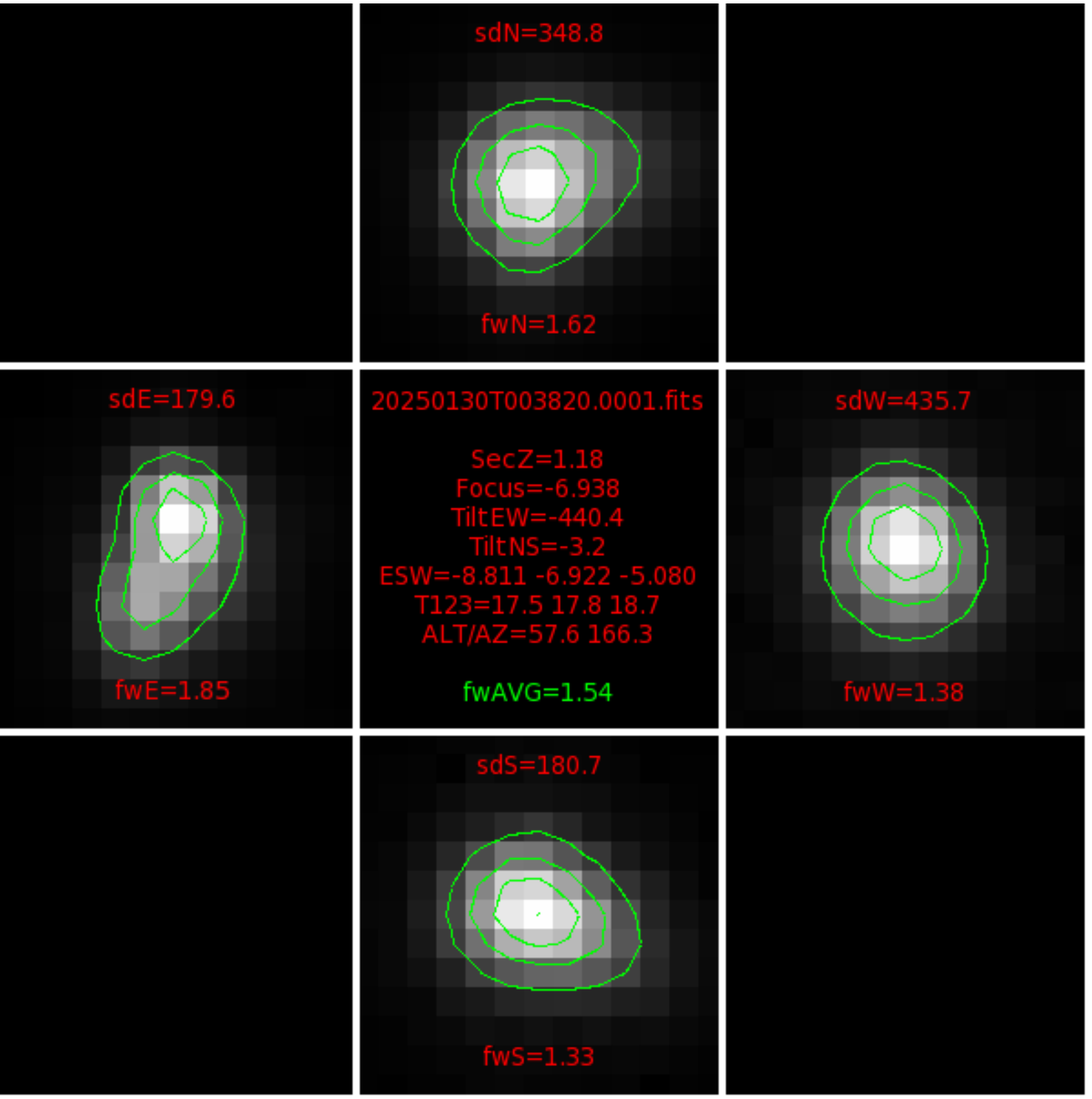
sdN=348.8
fwN=1.62
sdE=179.6
fwE=1.85
20250130T003820.0001.fits
SecZ=1.18
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.5 17.8 18.7
ALT/AZ=57.6 166.3
fwAVG=1.54
sdW=435.7
fwW=1.38
sdS=180.7
fwS=1.33
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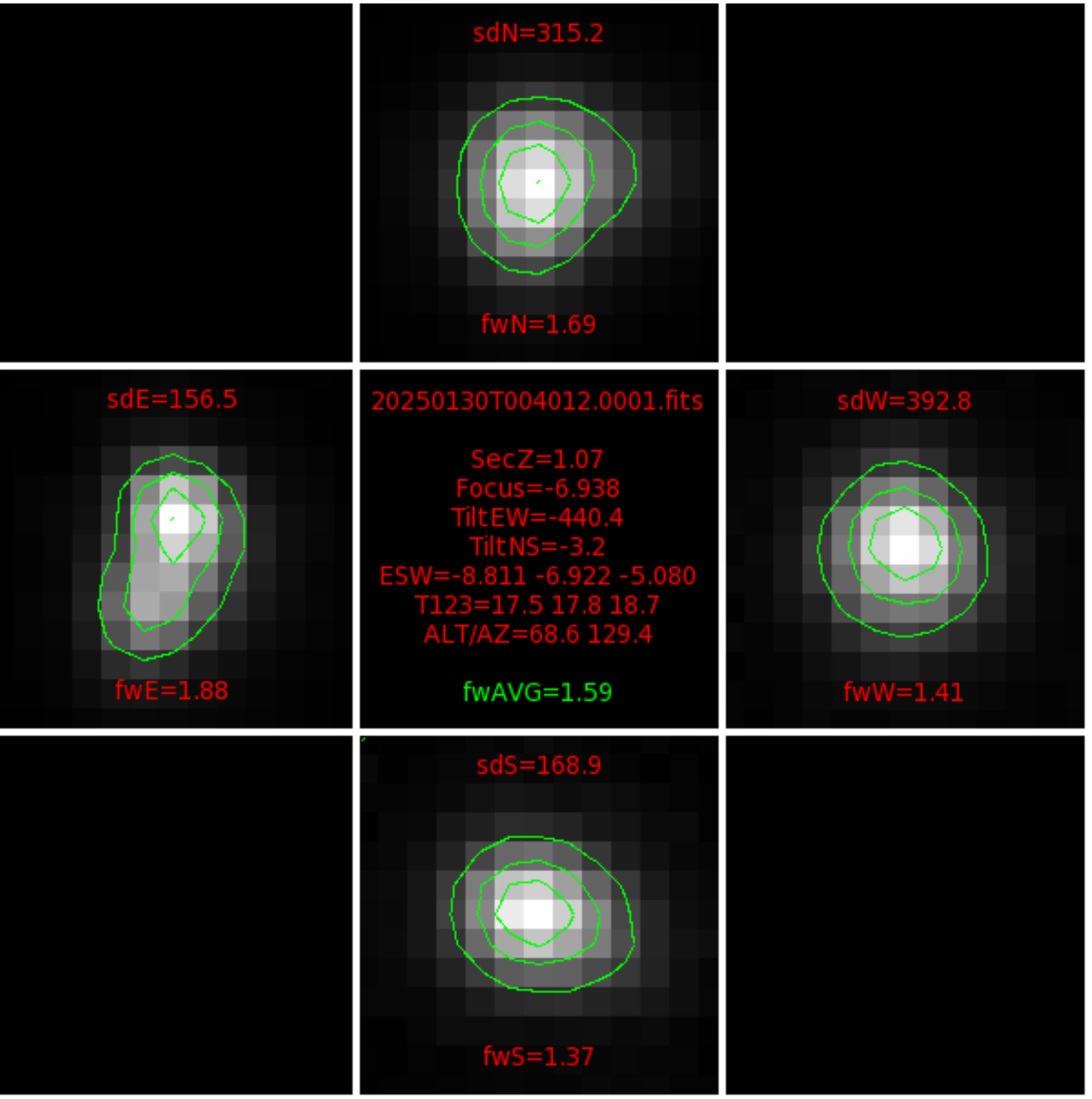
sdN=315.2
fwN=1.69
sdE=156.5
fwE=1.88
20250130T004012.0001.fits
SecZ=1.07
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.5 17.8 18.7
ALT/AZ=68.6 129.4
fwAVG=1.59
sdW=392.8
fwW=1.41
sdS=168.9
fwS=1.37
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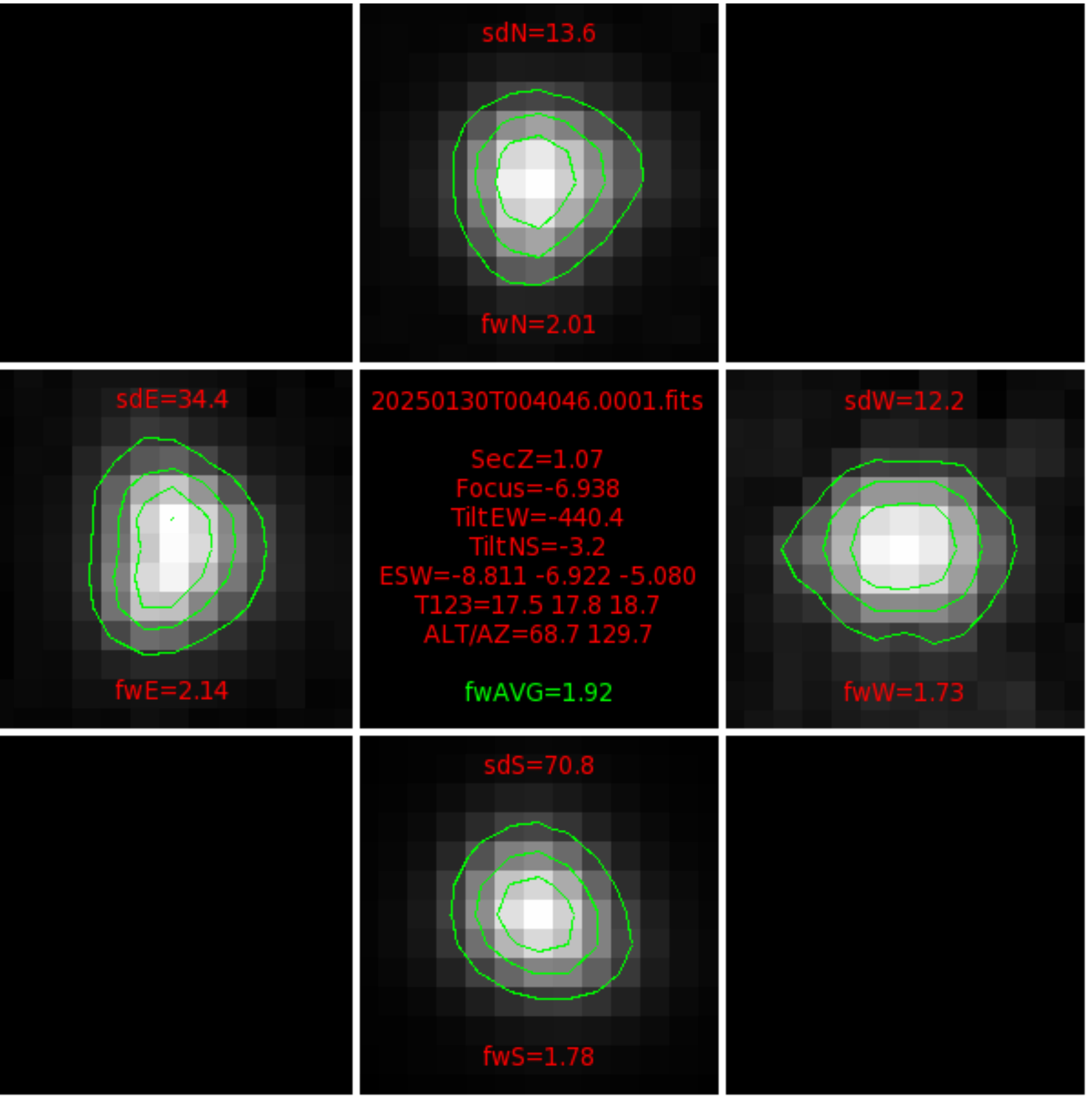
sdN=13.6
fwN=2.01
sdE=34.4
fwE=2.14
20250130T004046.0001.fits
SecZ=1.07
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.5 17.8 18.7
ALT/AZ=68.7 129.7
fwAVG=1.92
sdW=12.2
fwW=1.73
sdS=70.8
fwS=1.78
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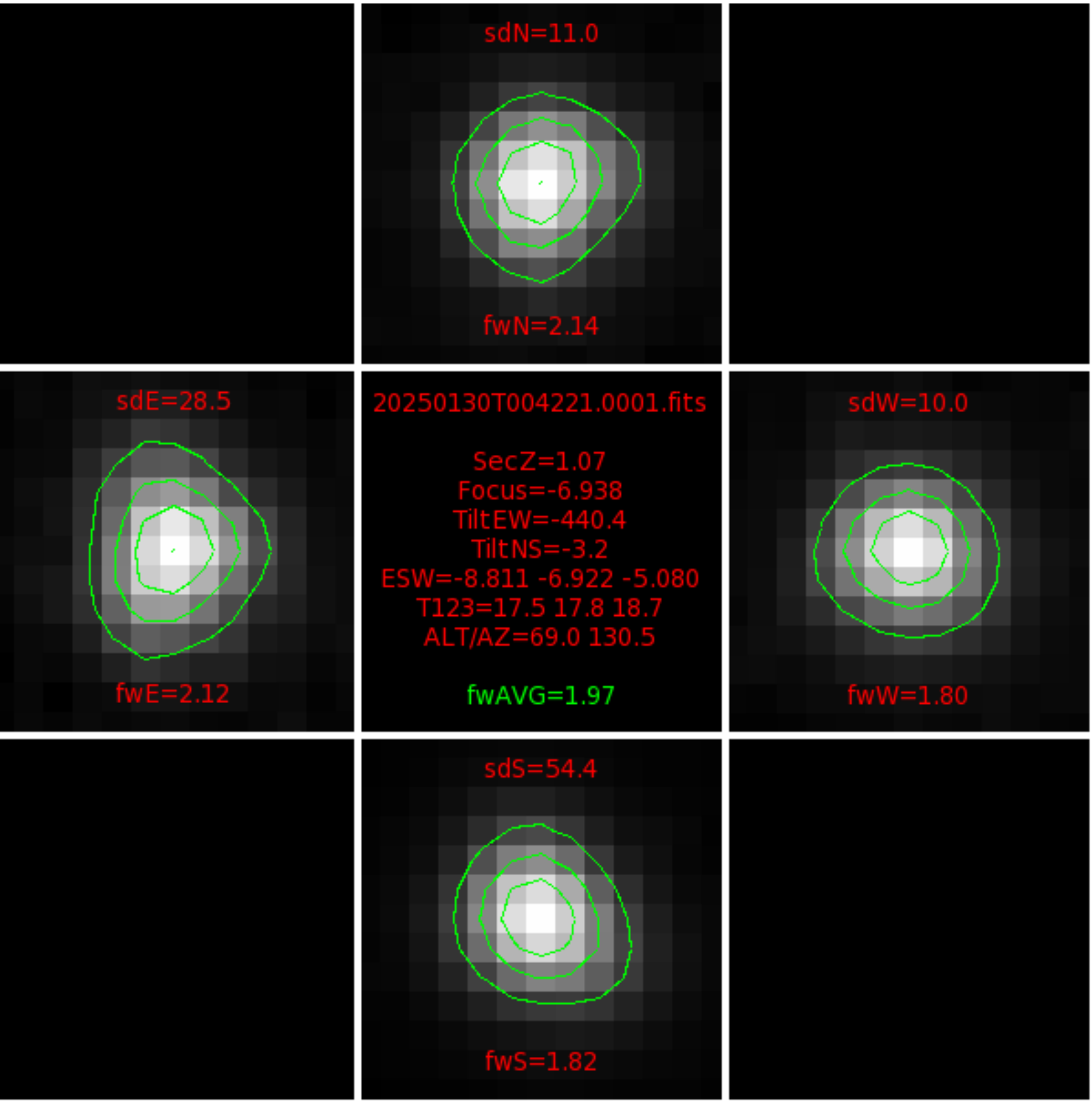
sdN=11.0
fwN=2.14
sdE=28.5
fwE=2.12
20250130T004221.0001.fits
SecZ=1.07
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.5 17.8 18.7
ALT/AZ=69.0 130.5
fwAVG=1.97
sdW=10.0
fwW=1.80
sdS=54.4
fwS=1.82
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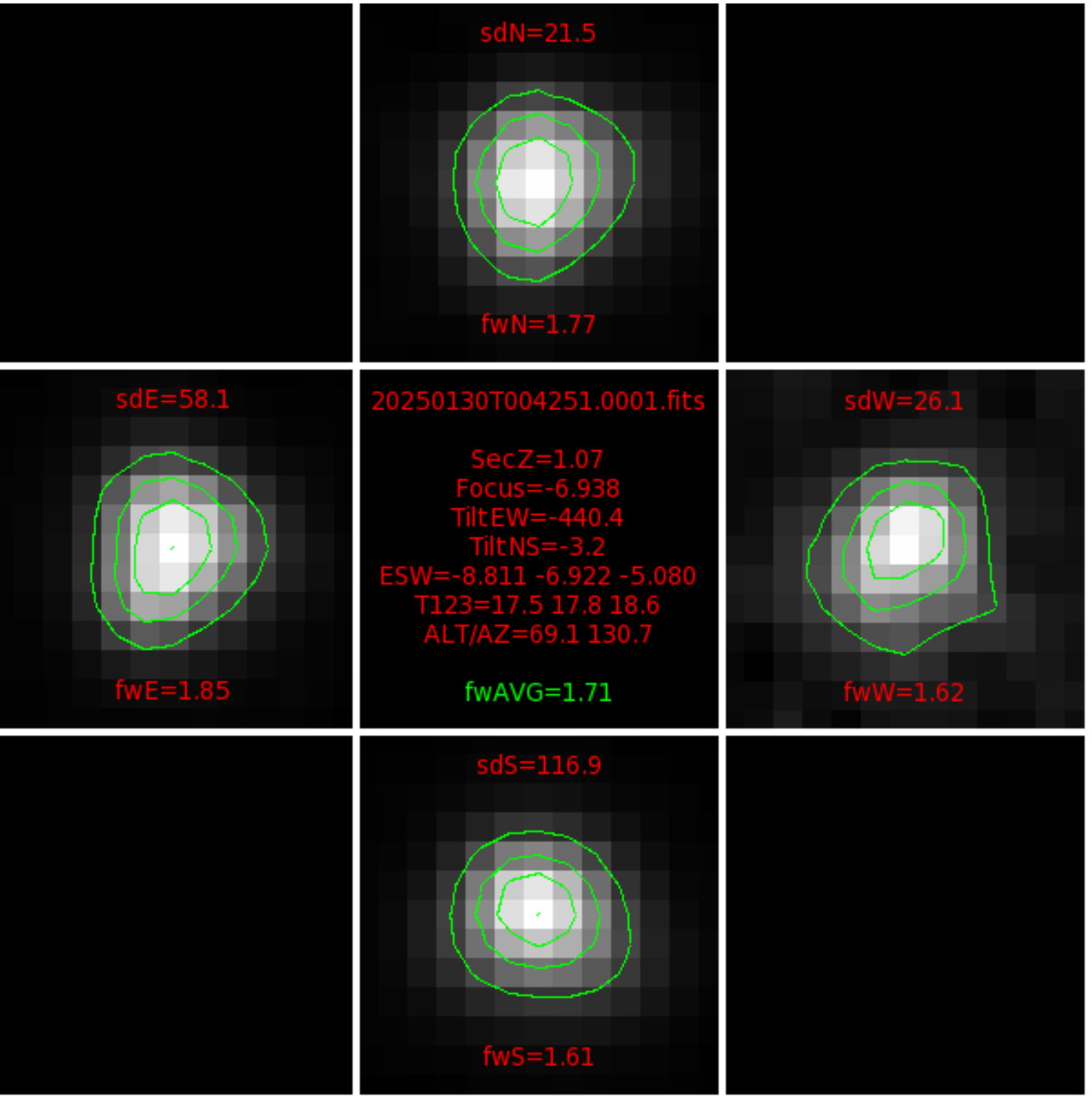
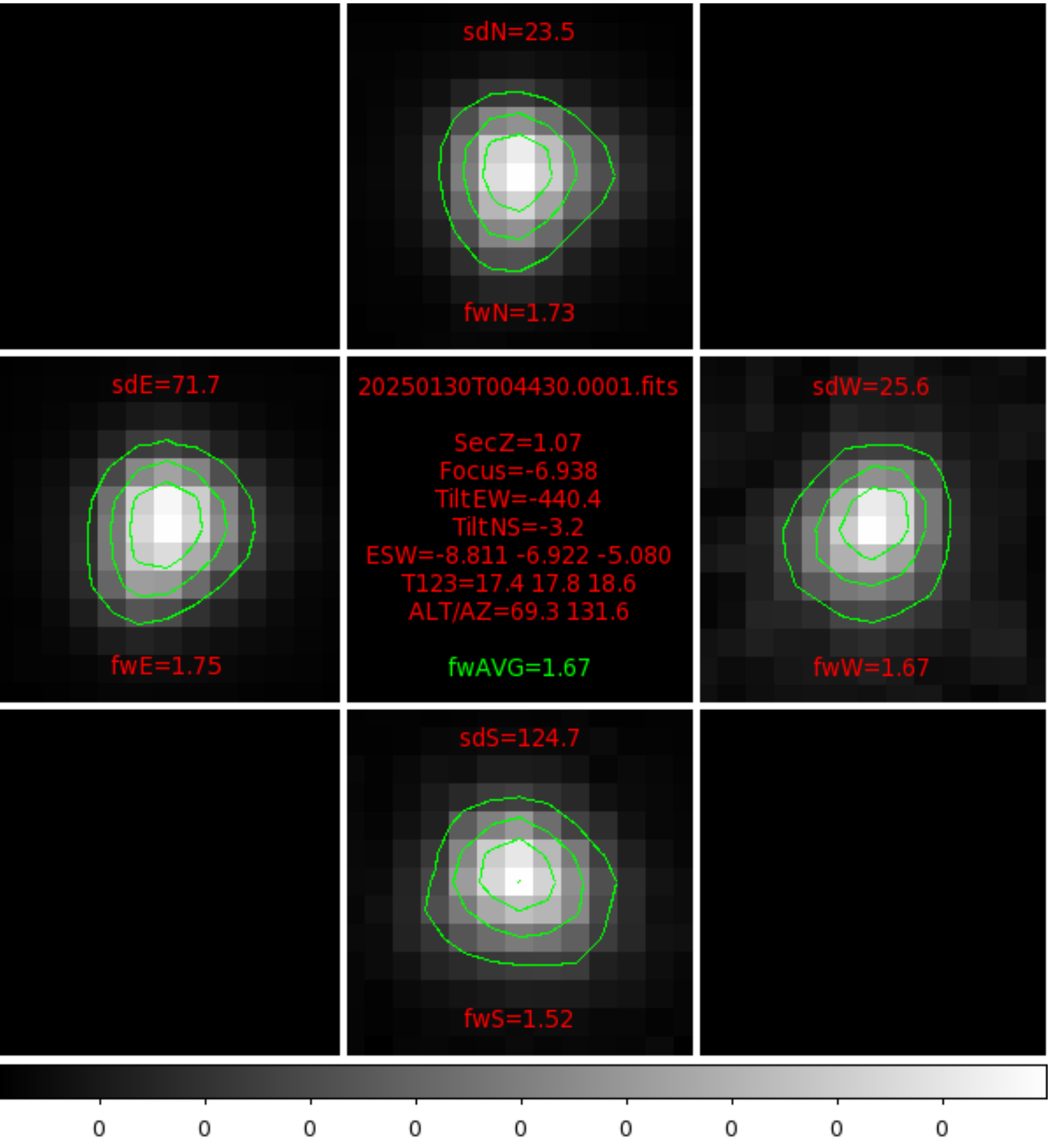
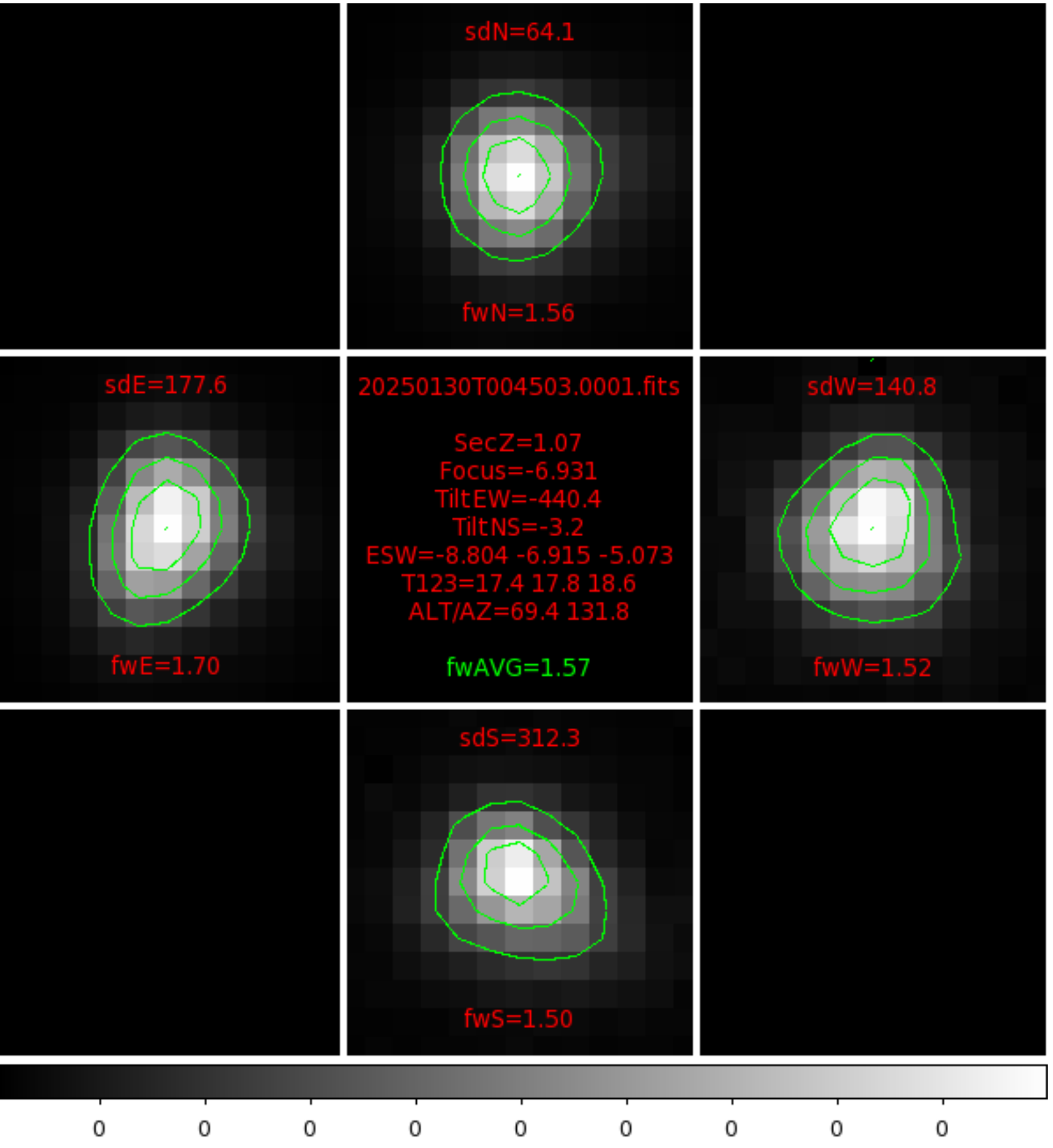
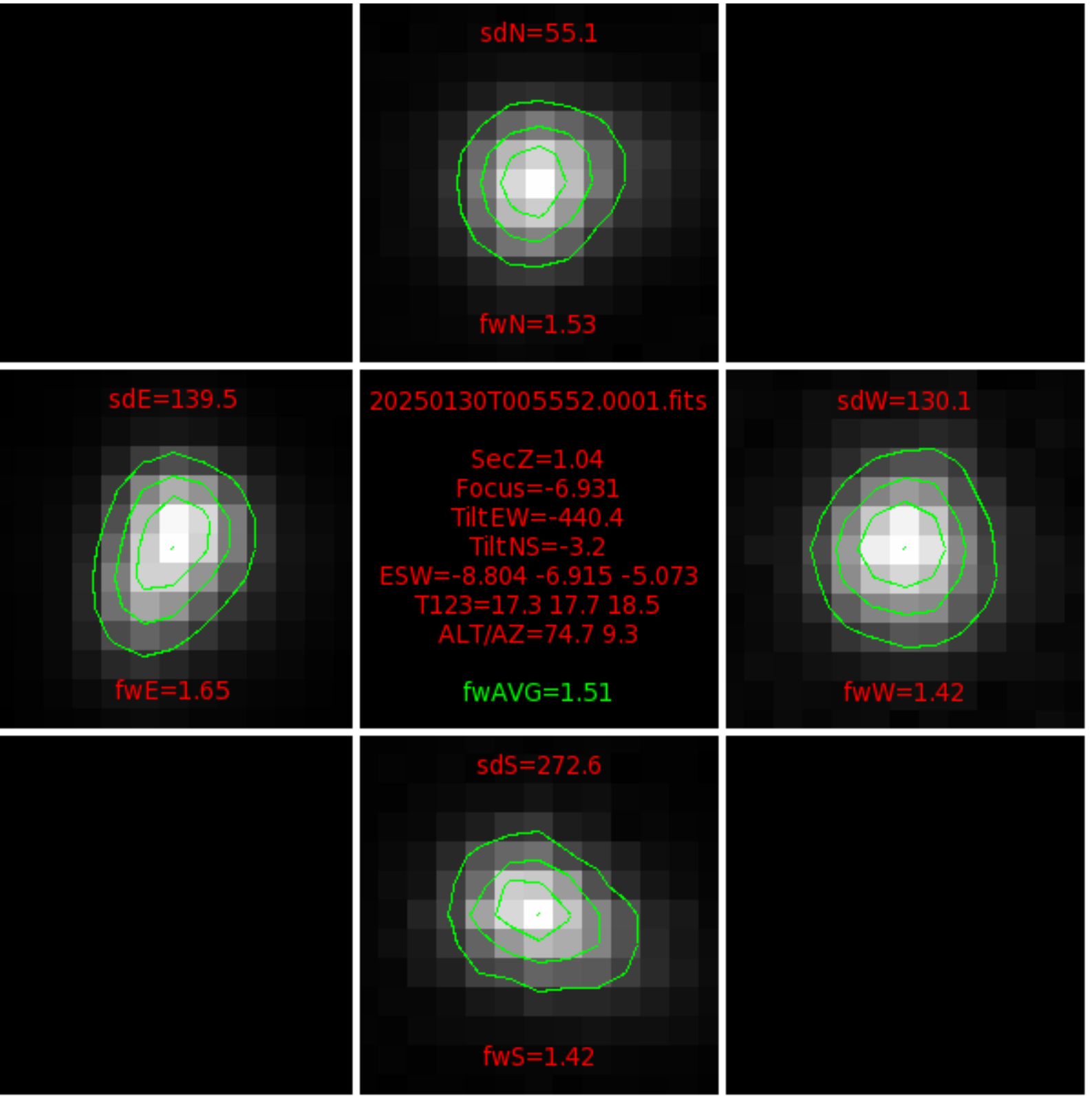
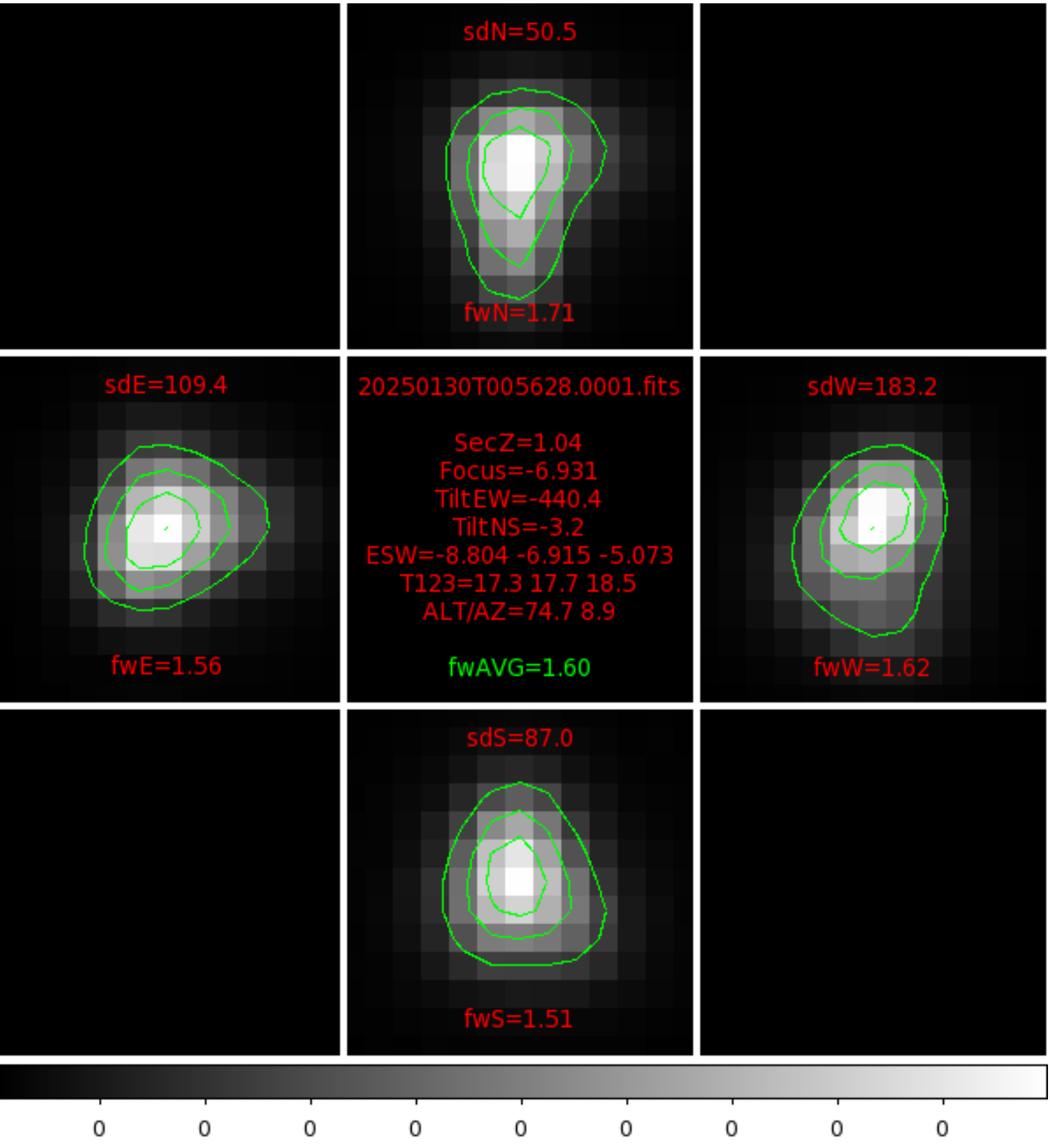
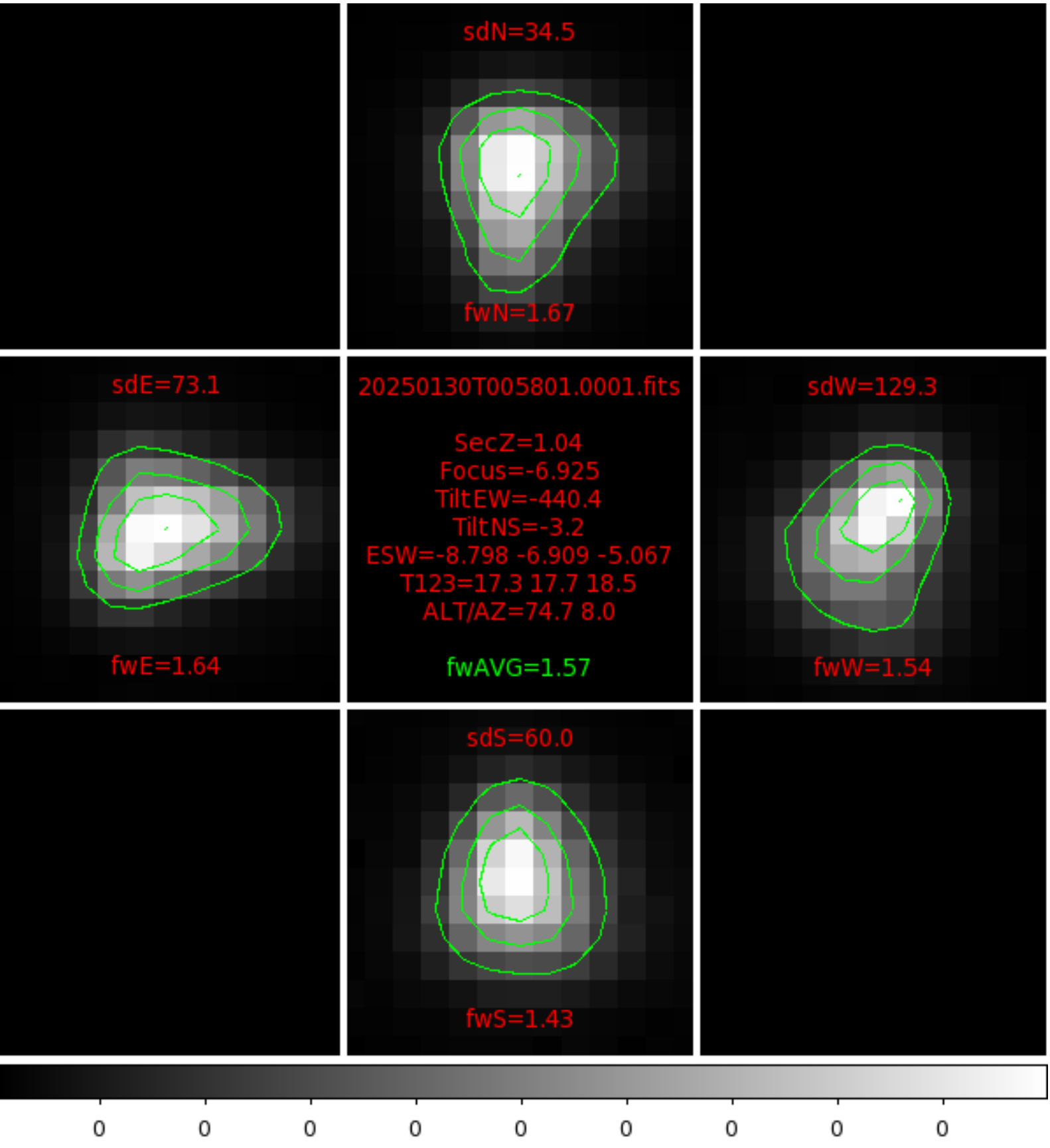

sdN=21.5
fwN=1.77
sdE=58.1
fwE=1.85
20250130T004251.0001.fits
SecZ=1.07
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.5 17.8 18.6
ALT/AZ=69.1 130.7
fwAVG=1.71
sdW=26.1
fwW=1.62
sdS=116.9
fwS=1.61
0 0 0 0 0 0 0 0 0

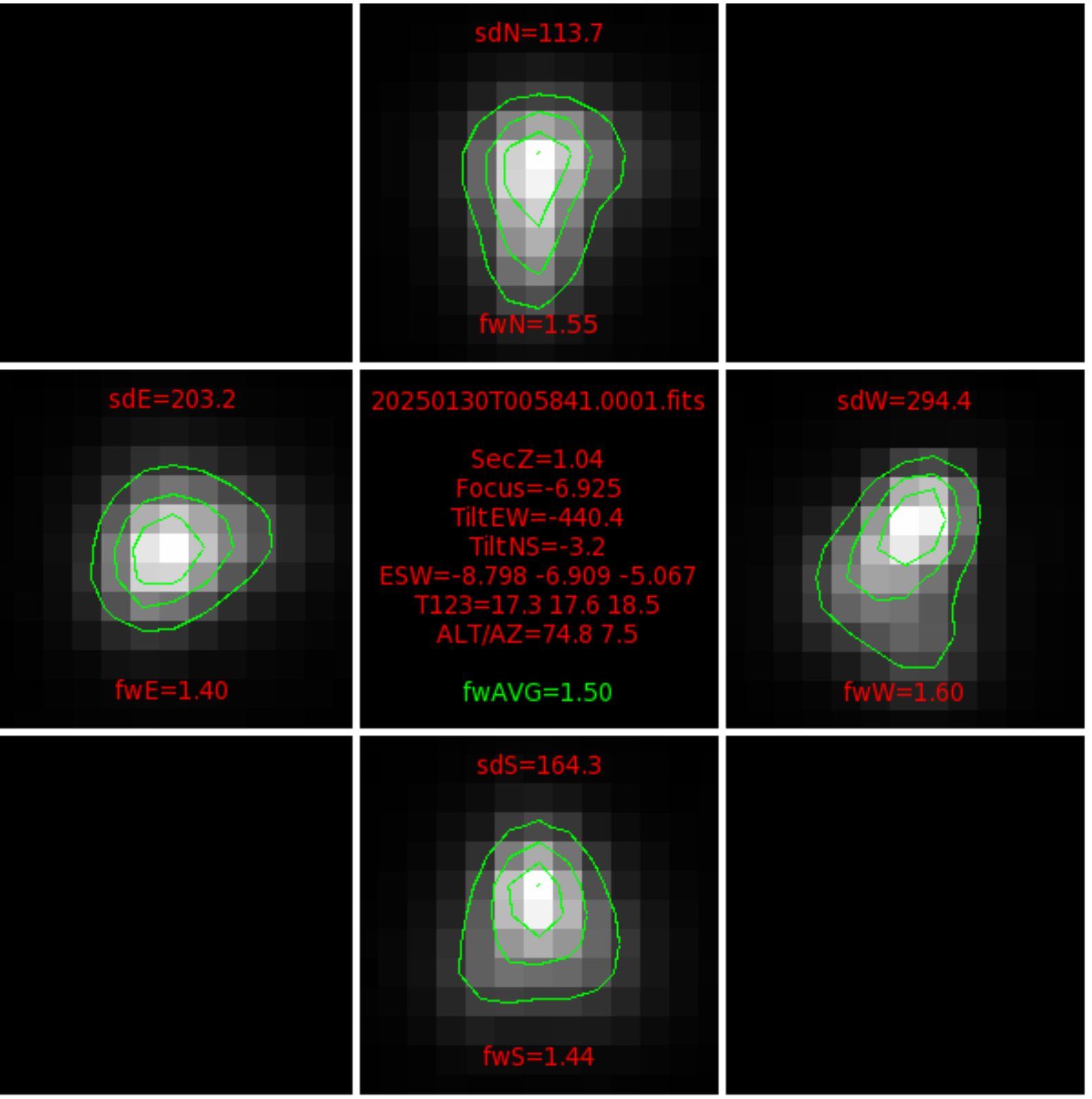

sdN=23.5
fwN=1.73
sdE=71.7
fwE=1.75
20250130T004430.0001.fits
SecZ=1.07
Focus=-6.938
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.811 -6.922 -5.080
T123=17.4 17.8 18.6
ALT/AZ=69.3 131.6
fwAVG=1.67
sdW=25.6
fwW=1.67
sdS=124.7
fwS=1.52
0 0 0 0 0 0 0 0 0

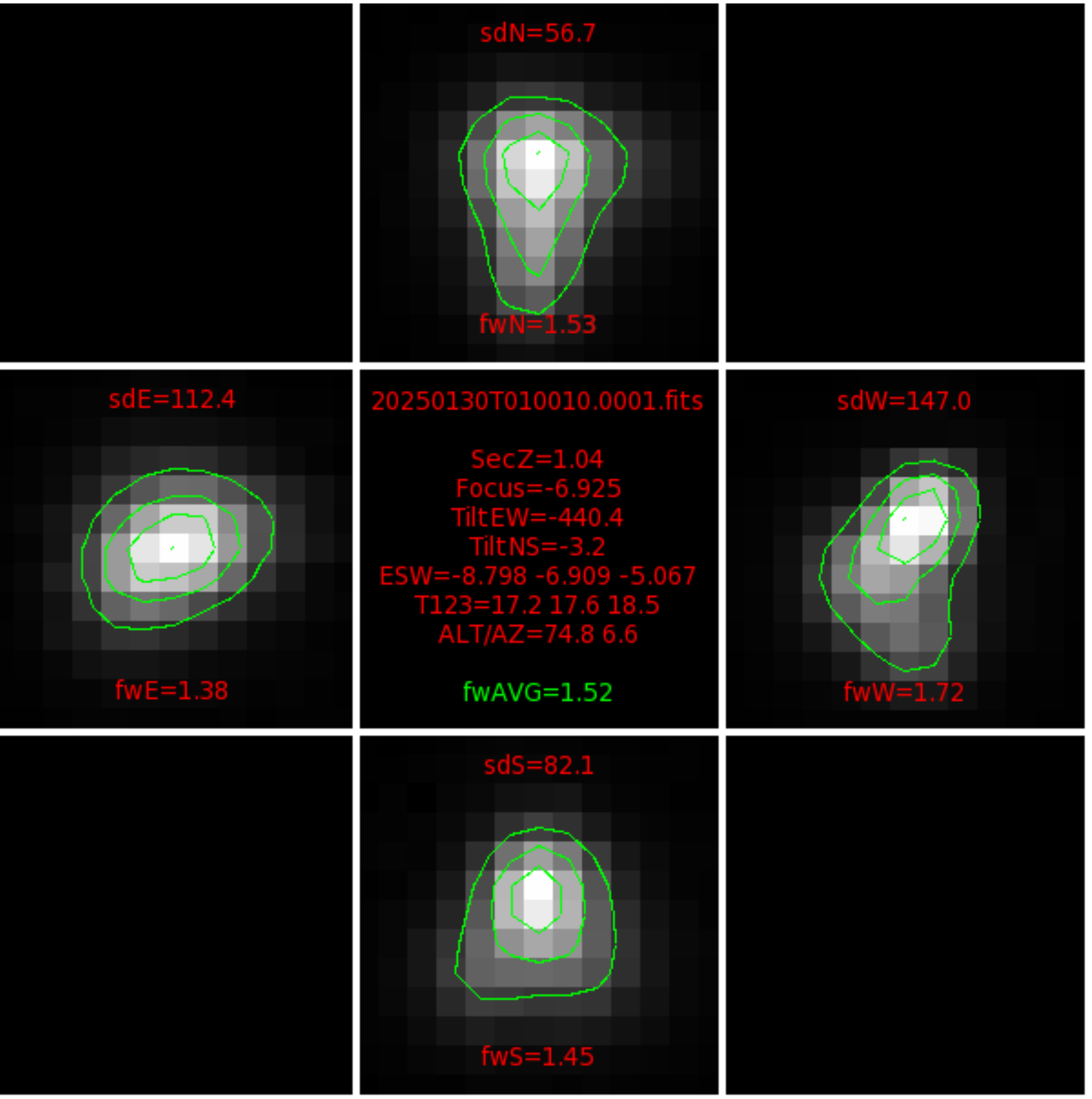

sdN=64.1
fwN=1.56
sdE=177.6
fwE=1.70
20250130T004503.0001.fits
SecZ=1.07
Focus=-6.931
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.804 -6.915 -5.073
T123=17.4 17.8 18.6
ALT/AZ=69.4 131.8
fwAVG=1.57
sdW=140.8
fwW=1.52
sdS=312.3
fwS=1.50
0 0 0 0 0 0 0 0 0

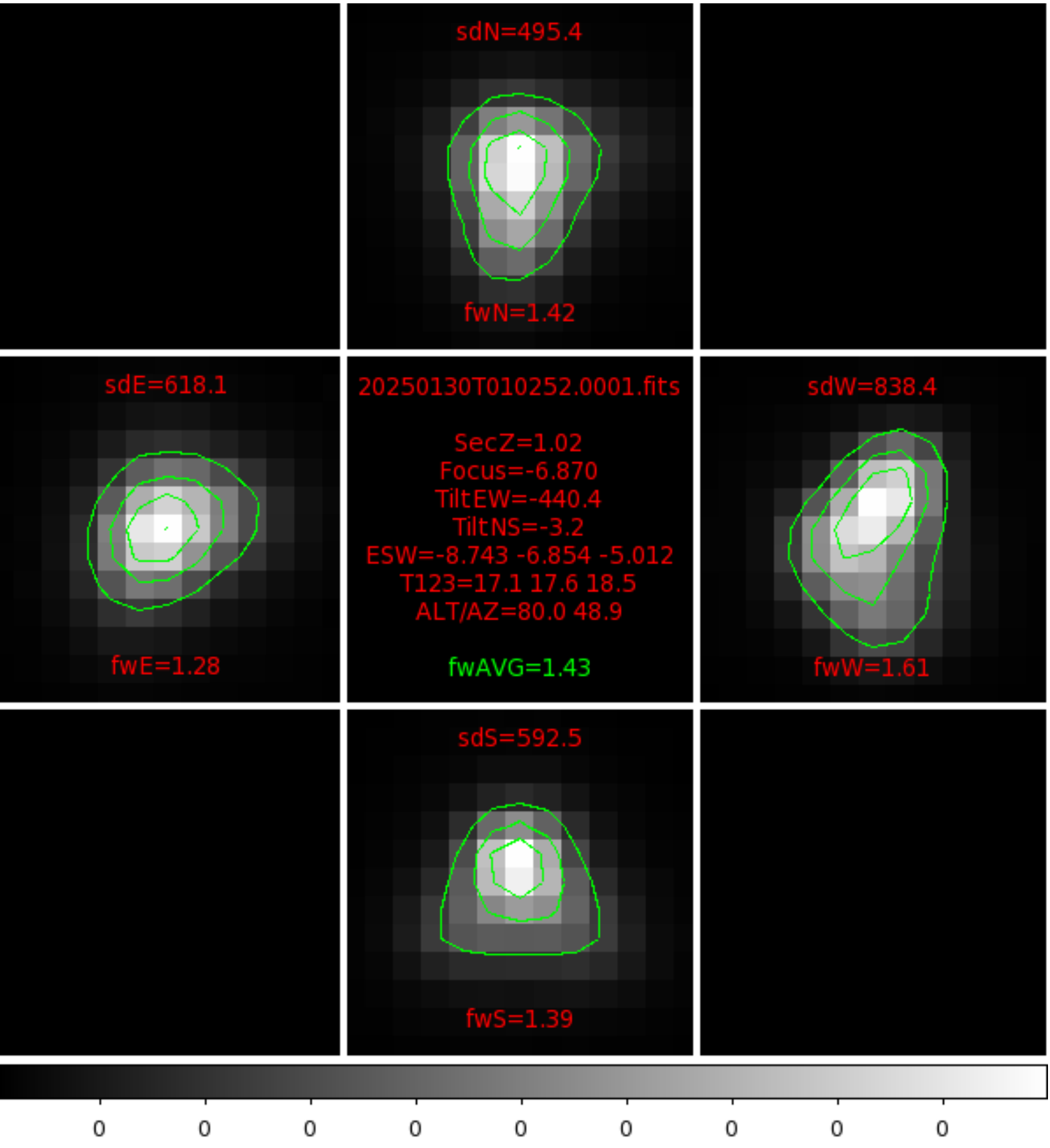

sdN=55.1
fwN=1.53
sdE=139.5
fwE=1.65
20250130T005552.0001.fits
SecZ=1.04
Focus=-6.931
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.804 -6.915 -5.073
T123=17.3 17.7 18.5
ALT/AZ=74.7 9.3
fwAVG=1.51
sdW=130.1
fwW=1.42
sdS=272.6
fwS=1.42
0 0 0 0 0 0 0 0 0

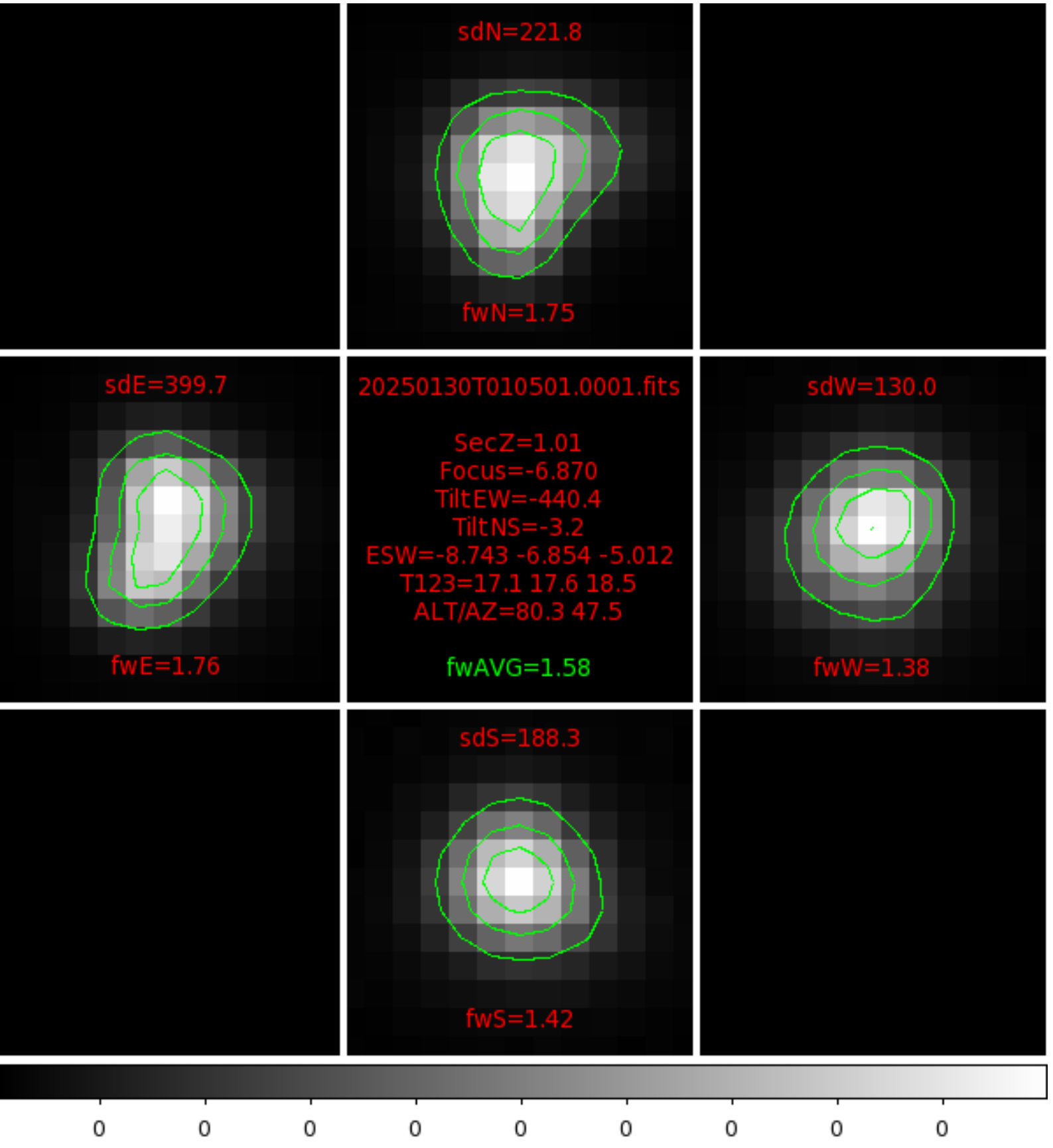

sdN=50.5
fwN=1.71
sdE=109.4
fwE=1.56
20250130T005628.0001.fits
SecZ=1.04
Focus=-6.931
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.804 -6.915 -5.073
T123=17.3 17.7 18.5
ALT/AZ=74.7 8.9
fwAVG=1.60
sdW=183.2
fwW=1.62
sdS=87.0
fwS=1.51
0 0 0 0 0 0 0 0 0

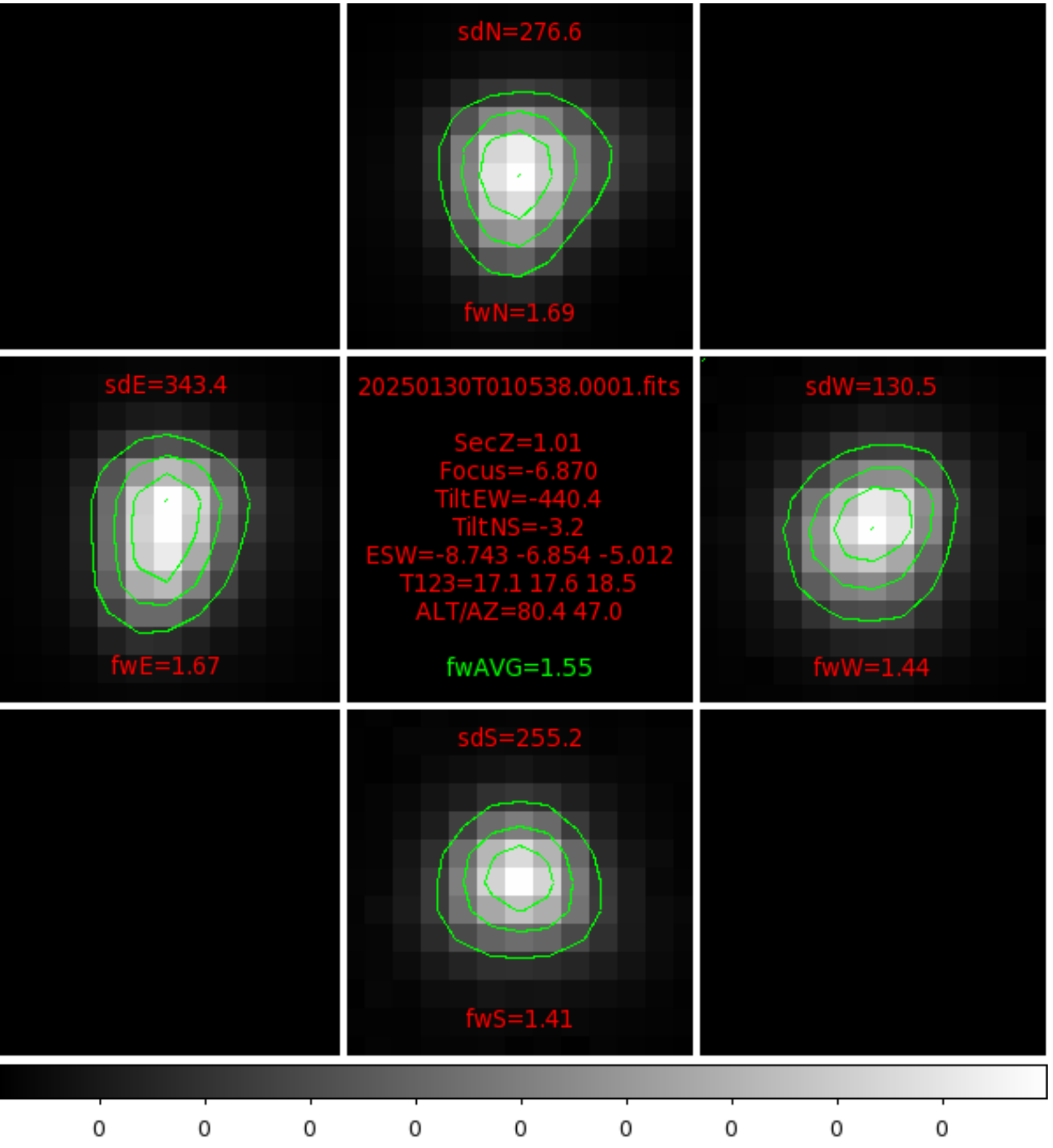

sdN=34.5
fwN=1.67
sdE=73.1
fwE=1.64
20250130T005801.0001.fits
SecZ=1.04
Focus=-6.925
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.798 -6.909 -5.067
T123=17.3 17.7 18.5
ALT/AZ=74.7 8.0
fwAVG=1.57
sdW=129.3
fwW=1.54
sdS=60.0
fwS=1.43
0 0 0 0 0 0 0 0 0

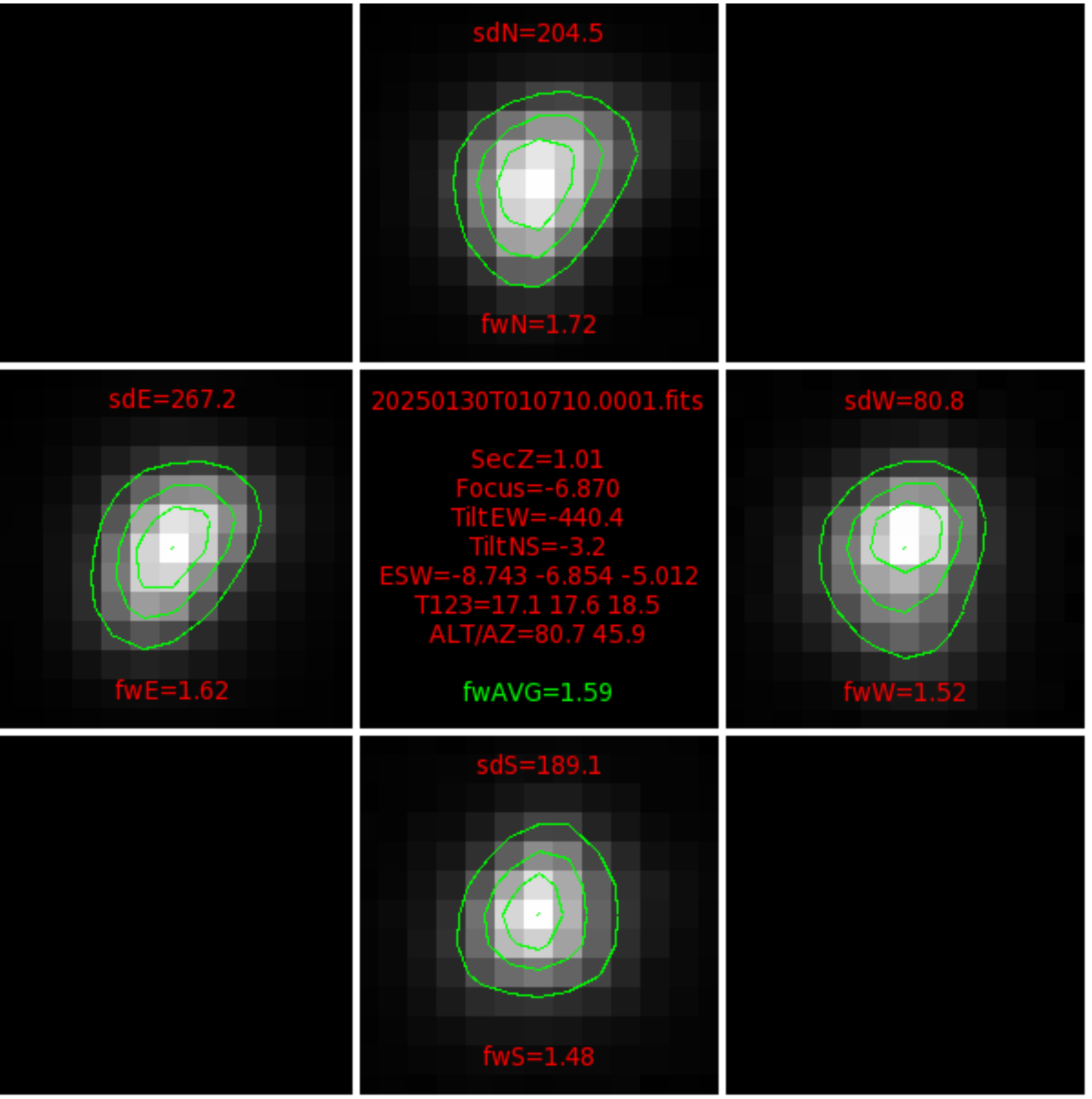

sdN=113.7
fwN=1.55
sdE=203.2
fwE=1.40
20250130T005841.0001.fits
SecZ=1.04
Focus=-6.925
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.798 -6.909 -5.067
T123=17.3 17.6 18.5
ALT/AZ=74.8 7.5
fwAVG=1.50
sdW=294.4
fwW=1.60
sdS=164.3
fwS=1.44
0 0 0 0 0 0 0 0 0

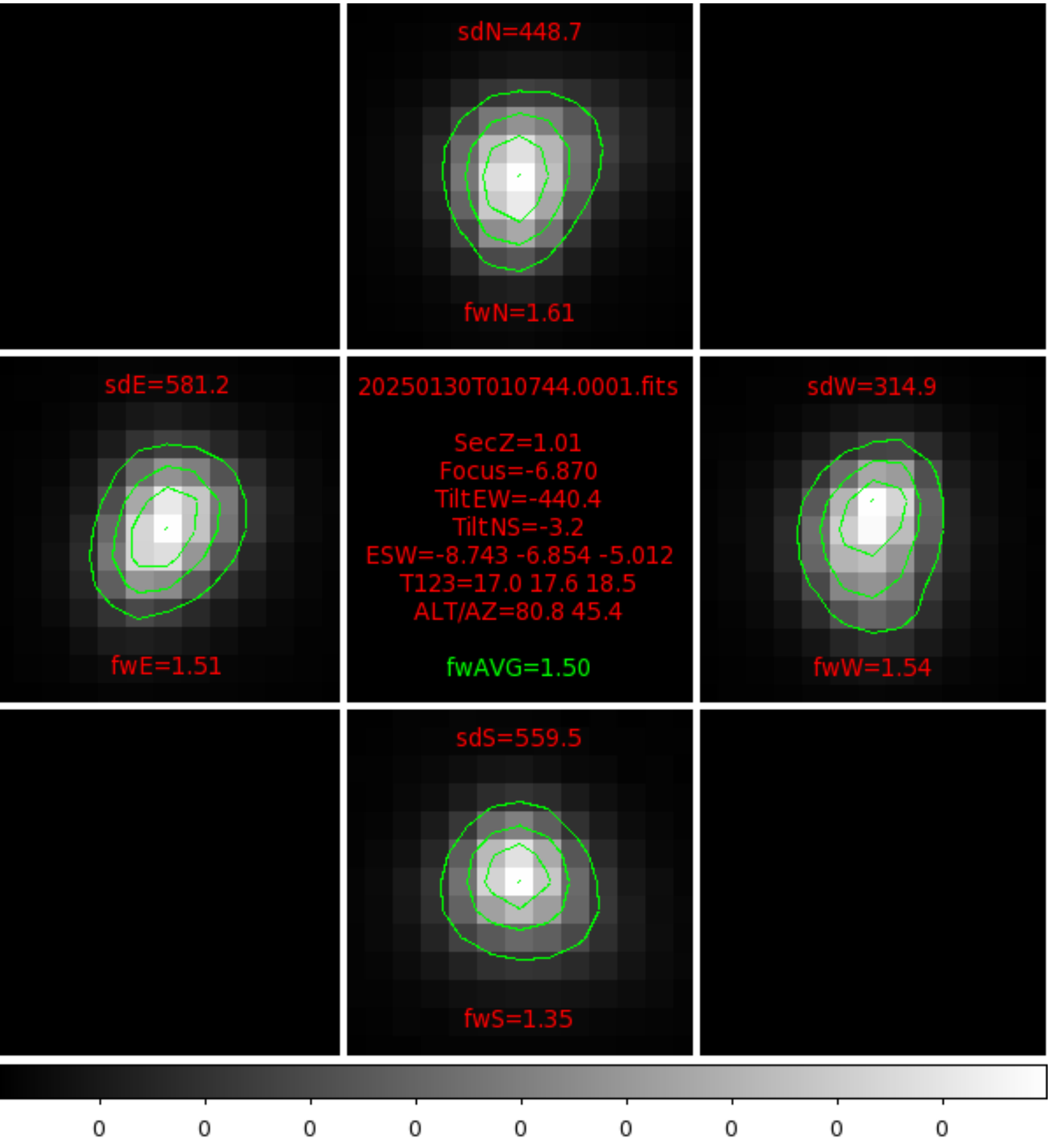

sdN=56.7
fwN=1.53
sdE=112.4
fwE=1.38
20250130T010010.0001.fits
SecZ=1.04
Focus=-6.925
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.798 -6.909 -5.067
T123=17.2 17.6 18.5
ALT/AZ=74.8 6.6
fwAVG=1.52
sdW=147.0
fwW=1.72
sdS=82.1
fwS=1.45
0 0 0 0 0 0 0 0 0

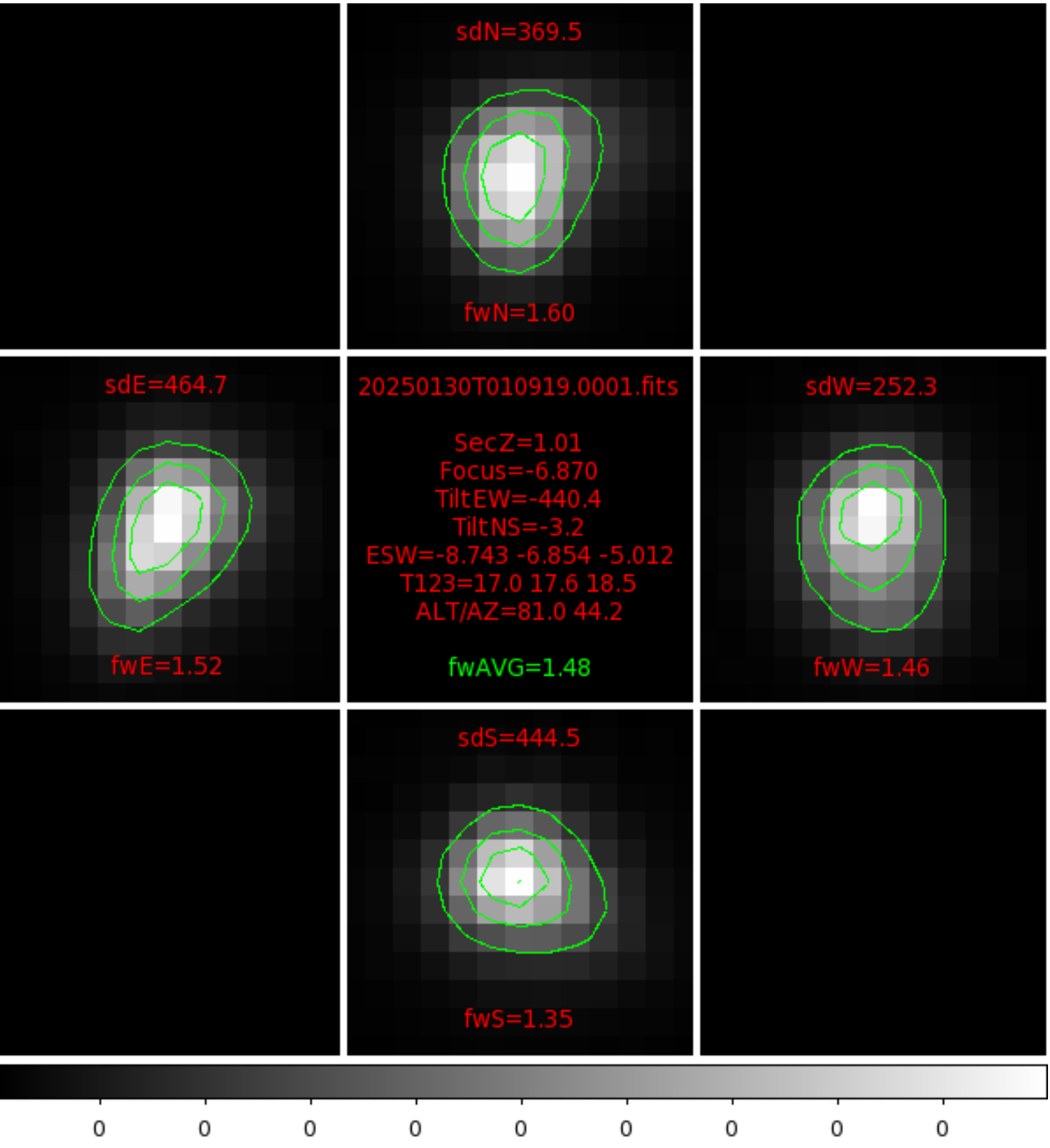

sdN=495.4
fwN=1.42
sdE=618.1
fwE=1.28
20250130T010252.0001.fits
SecZ=1.02
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.1 17.6 18.5
ALT/AZ=80.0 48.9
fwAVG=1.43
sdW=838.4
fwW=1.61
sdS=592.5
fwS=1.39
0 0 0 0 0 0 0 0 0

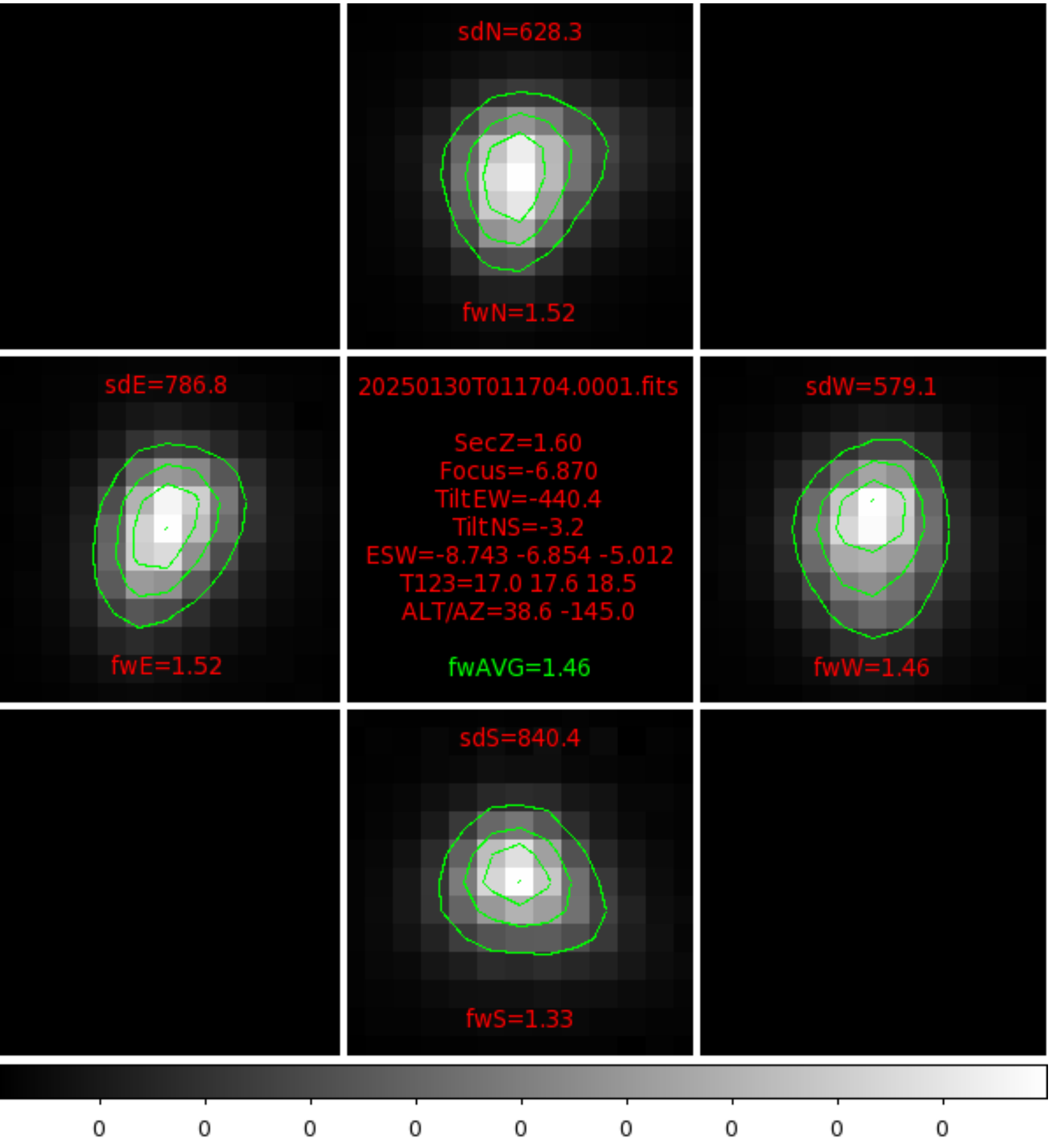

sdN=221.8
fwN=1.75
sdE=399.7
fwE=1.76
20250130T010501.0001.fits
SecZ=1.01
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.1 17.6 18.5
ALT/AZ=80.3 47.5
fwAVG=1.58
sdW=130.0
fwW=1.38
sdS=188.3
fwS=1.42
0 0 0 0 0 0 0 0 0

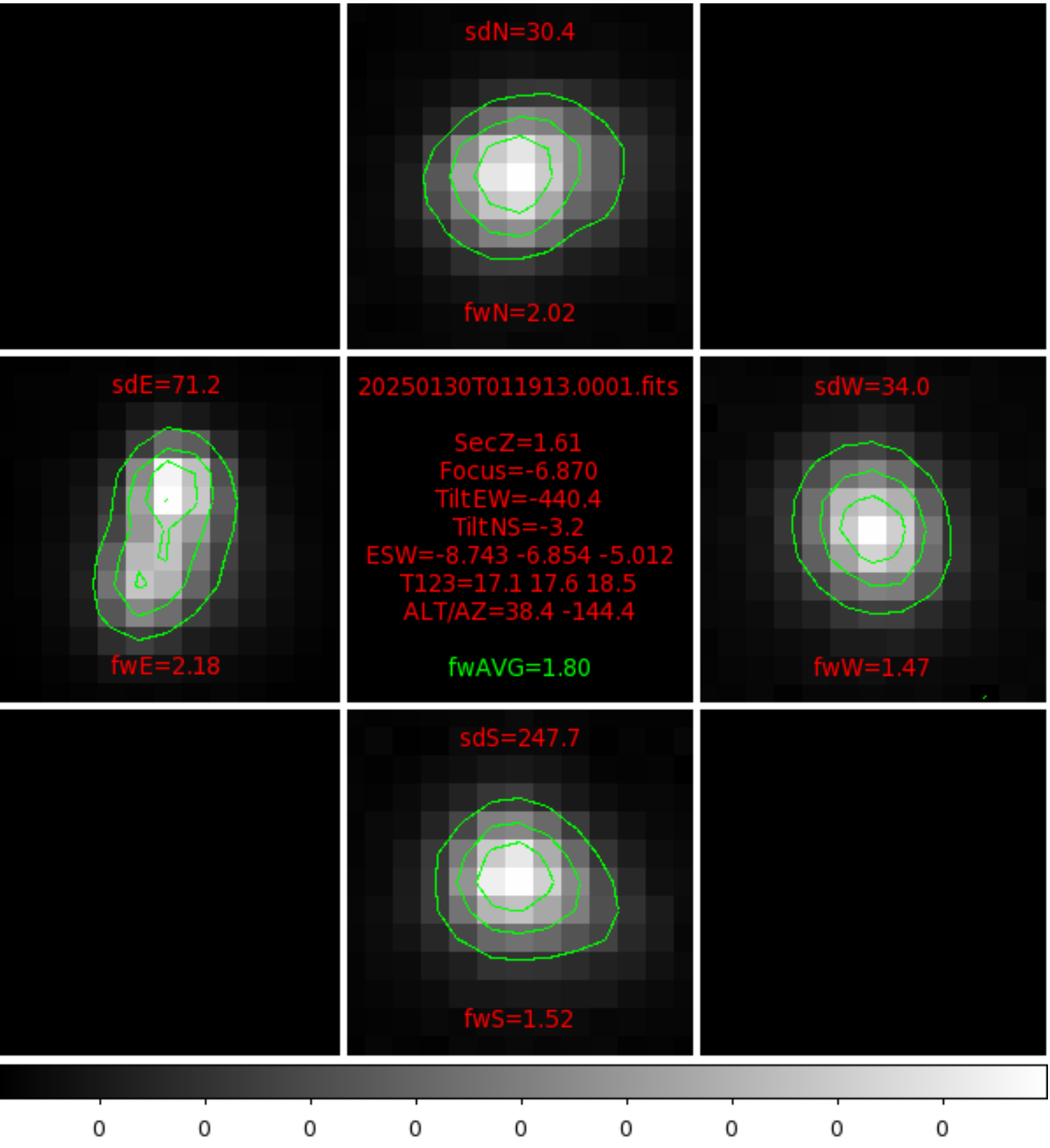

sdN=276.6
fwN=1.69
sdE=343.4
fwE=1.67
20250130T010538.0001.fits
SecZ=1.01
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.1 17.6 18.5
ALT/AZ=80.4 47.0
fwAVG=1.55
sdW=130.5
fwW=1.44
sdS=255.2
fwS=1.41
0 0 0 0 0 0 0 0 0


sdN=204.5
fwN=1.72
sdE=267.2
fwE=1.62
20250130T010710.0001.fits
SecZ=1.01
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.1 17.6 18.5
ALT/AZ=80.7 45.9
fwAVG=1.59
sdW=80.8
fwW=1.52
sdS=189.1
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=448.7
fwN=1.61
sdE=581.2
fwE=1.51
20250130T010744.0001.fits
SecZ=1.01
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.0 17.6 18.5
ALT/AZ=80.8 45.4
fwAVG=1.50
sdW=314.9
fwW=1.54
sdS=559.5
fwS=1.35
0 0 0 0 0 0 0 0 0


sdN=369.5
fwN=1.60
sdE=464.7
fwE=1.52
20250130T010919.0001.fits
SecZ=1.01
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.0 17.6 18.5
ALT/AZ=81.0 44.2
fwAVG=1.48
sdW=252.3
fwW=1.46
sdS=444.5
fwS=1.35
0 0 0 0 0 0 0 0 0


sdN=628.3
fwN=1.52
sdE=786.8
fwE=1.52
20250130T011704.0001.fits
SecZ=1.60
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.0 17.6 18.5
ALT/AZ=38.6 -145.0
fwAVG=1.46
sdW=579.1
fwW=1.46
sdS=840.4
fwS=1.33
0 0 0 0 0 0 0 0 0


sdN=30.4
fwN=2.02
sdE=71.2
fwE=2.18
20250130T011913.0001.fits
SecZ=1.61
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.1 17.6 18.5
ALT/AZ=38.4 -144.4
fwAVG=1.80
sdW=34.0
fwW=1.47
sdS=247.7
fwS=1.52
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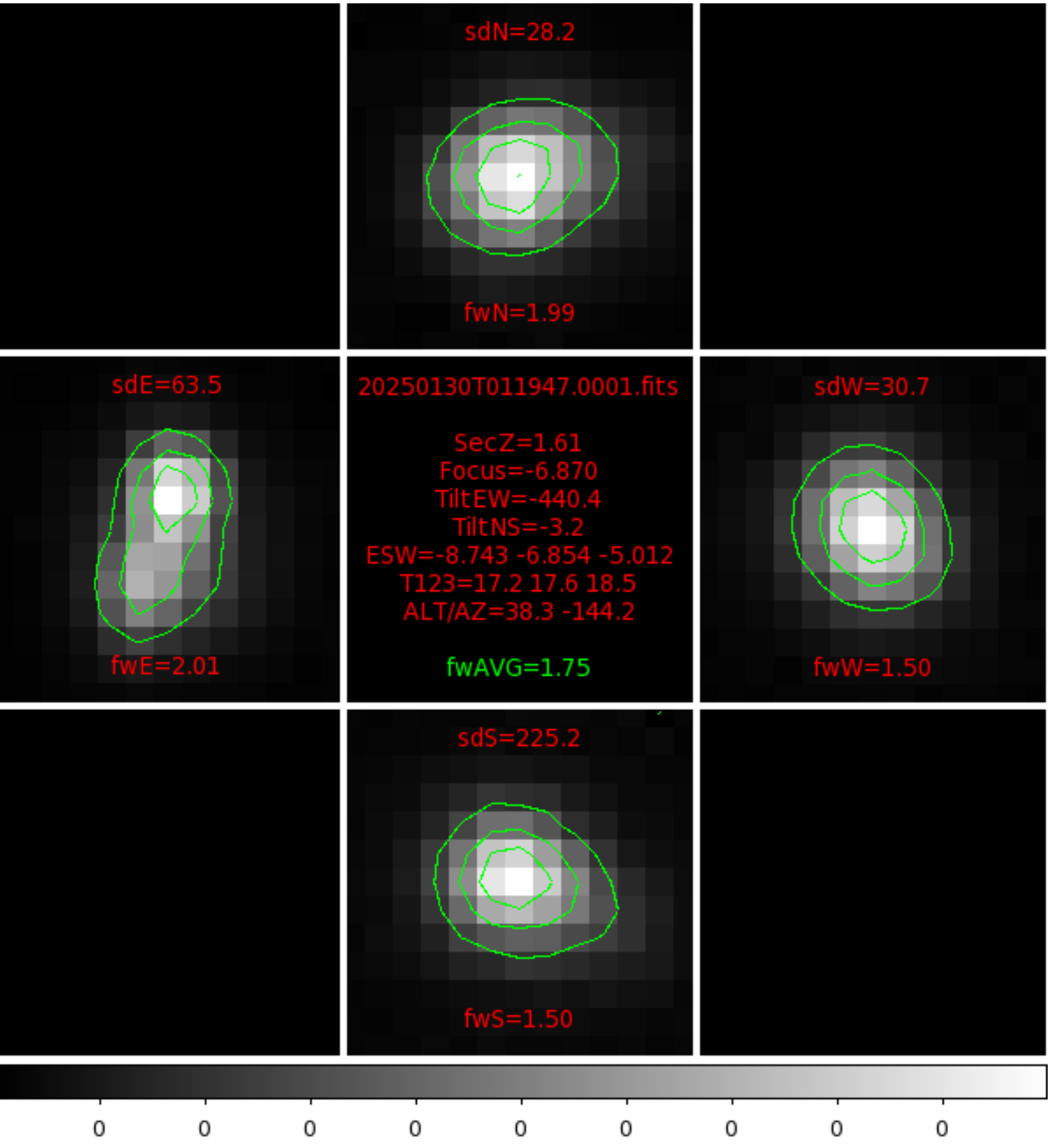
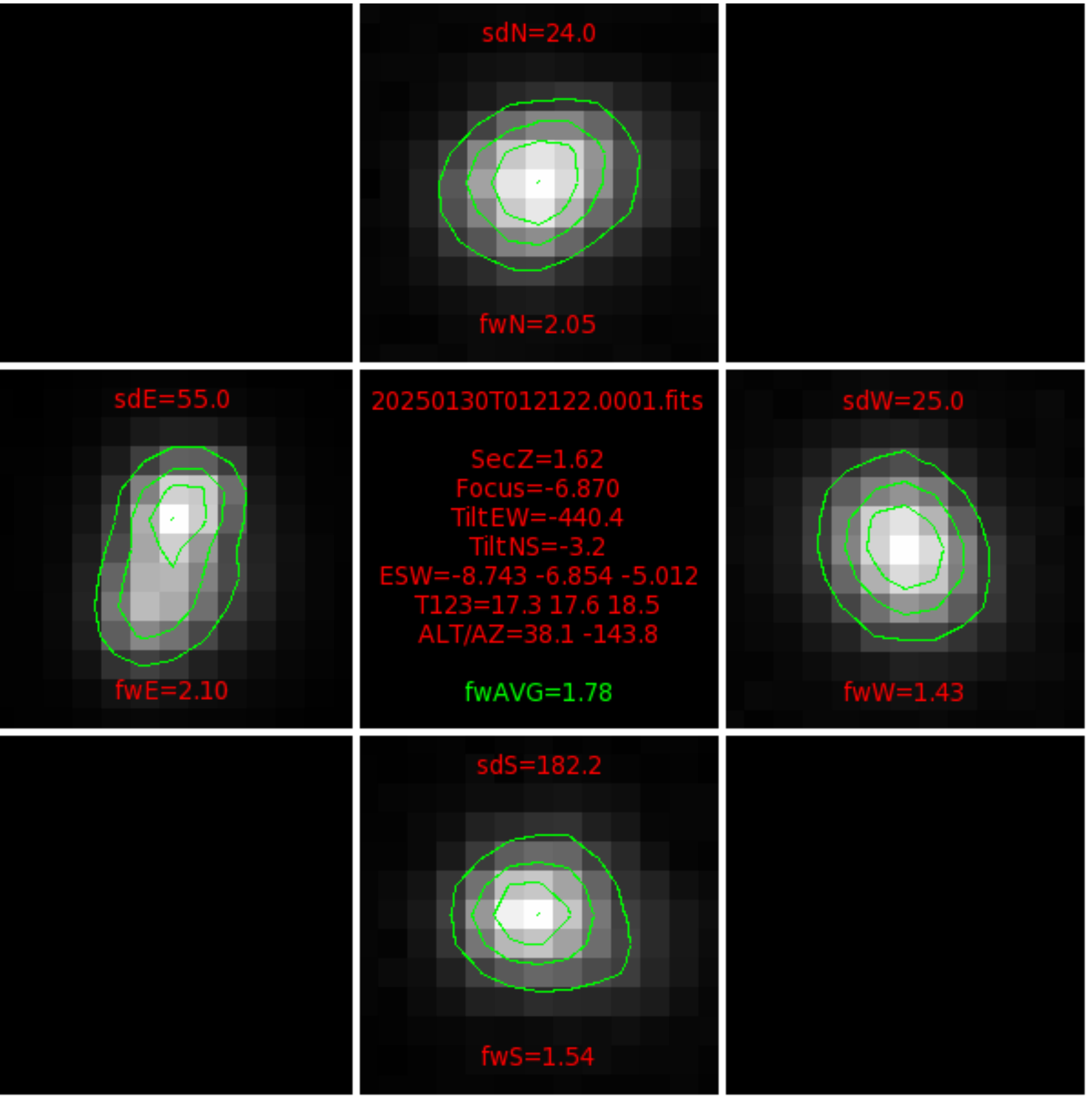
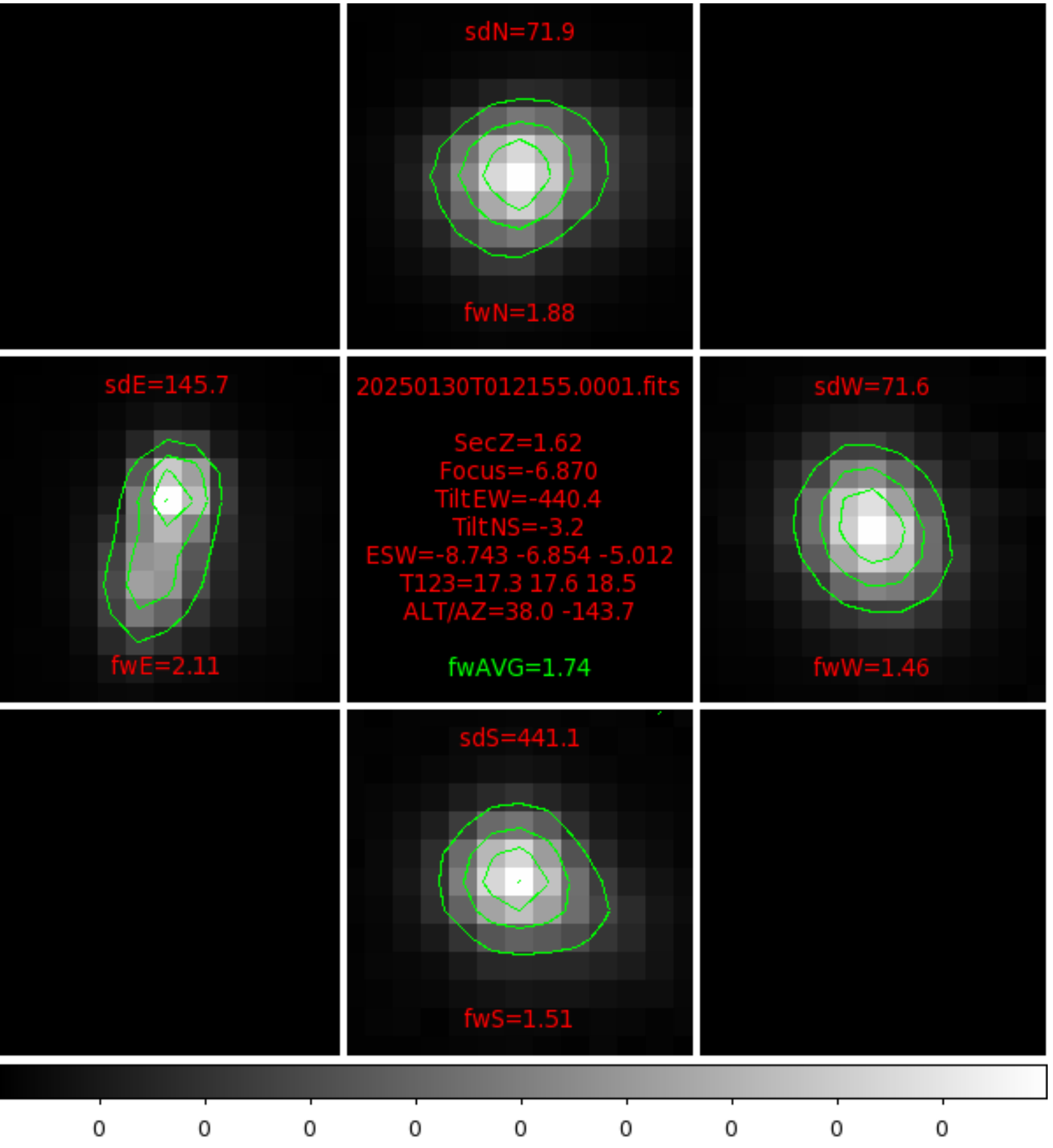
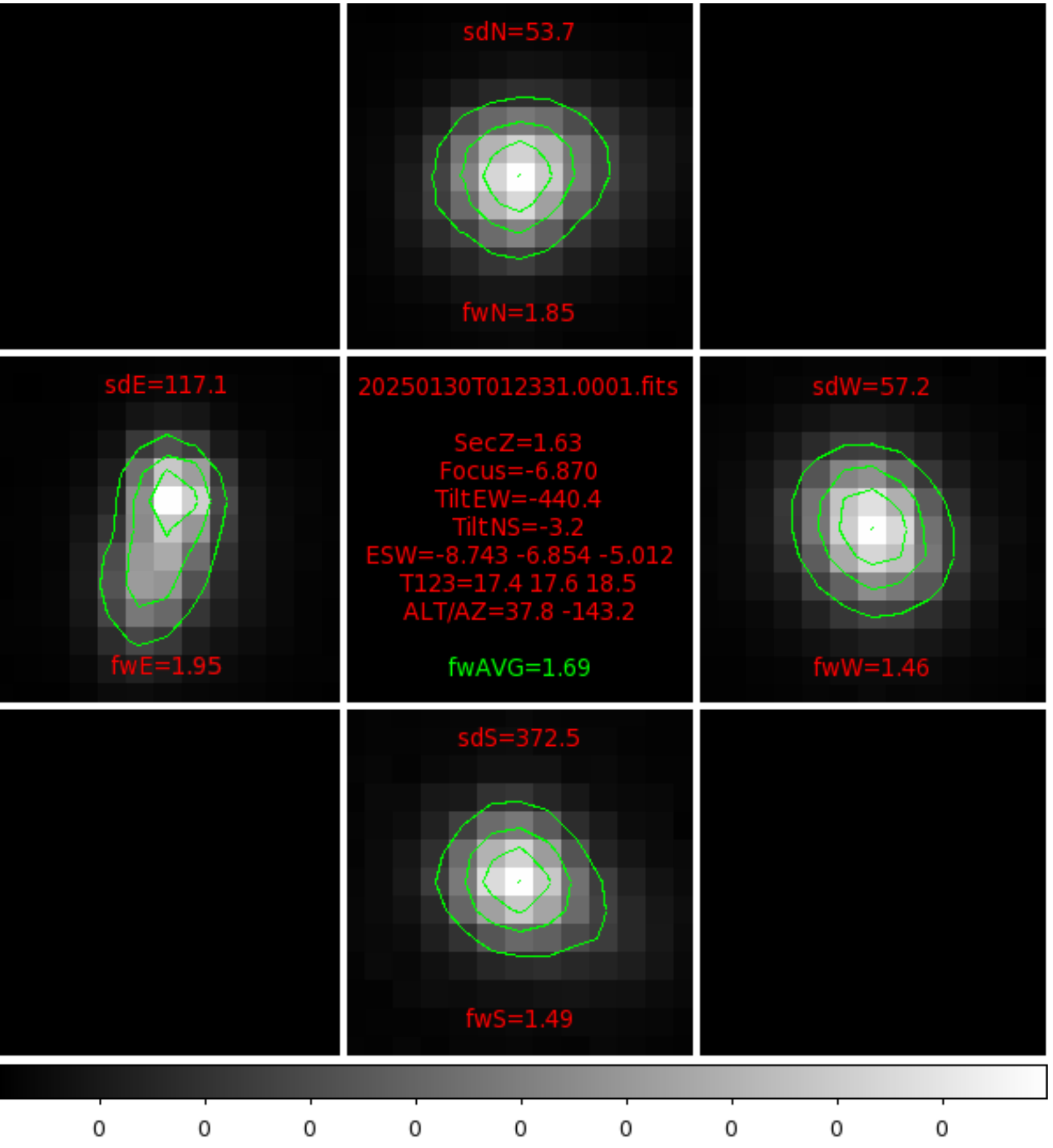

sdN=28.2
fwN=1.99
sdE=63.5
fwE=2.01
20250130T011947.0001.fits
SecZ=1.61
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.2 17.6 18.5
ALT/AZ=38.3 -144.2
fwAVG=1.75
sdW=30.7
fwW=1.50
sdS=225.2
fwS=1.50
0 0 0 0 0 0 0 0 0


sdN=24.0
fwN=2.05
sdE=55.0
fwE=2.10
20250130T012122.0001.fits
SecZ=1.62
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.3 17.6 18.5
ALT/AZ=38.1 -143.8
fwAVG=1.78
sdW=25.0
fwW=1.43
sdS=182.2
fwS=1.54
0 0 0 0 0 0 0 0 0


sdN=71.9
fwN=1.88
sdE=145.7
fwE=2.11
20250130T012155.0001.fits
SecZ=1.62
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.3 17.6 18.5
ALT/AZ=38.0 -143.7
fwAVG=1.74
sdW=71.6
fwW=1.46
sdS=441.1
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=53.7
fwN=1.85
sdE=117.1
fwE=1.95
20250130T012331.0001.fits
SecZ=1.63
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.4 17.6 18.5
ALT/AZ=37.8 -143.2
fwAVG=1.69
sdW=57.2
fwW=1.46
sdS=372.5
fwS=1.49
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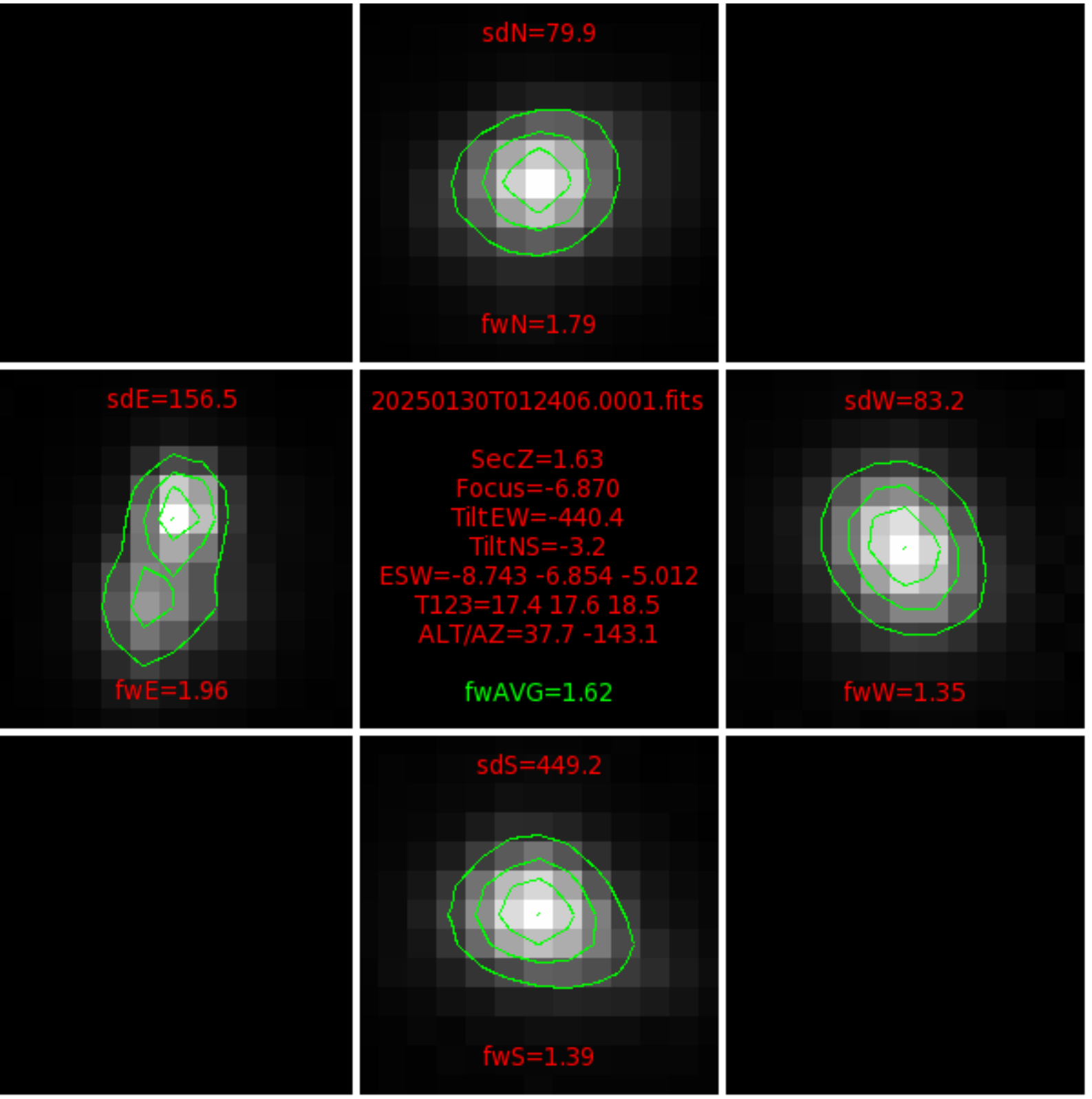
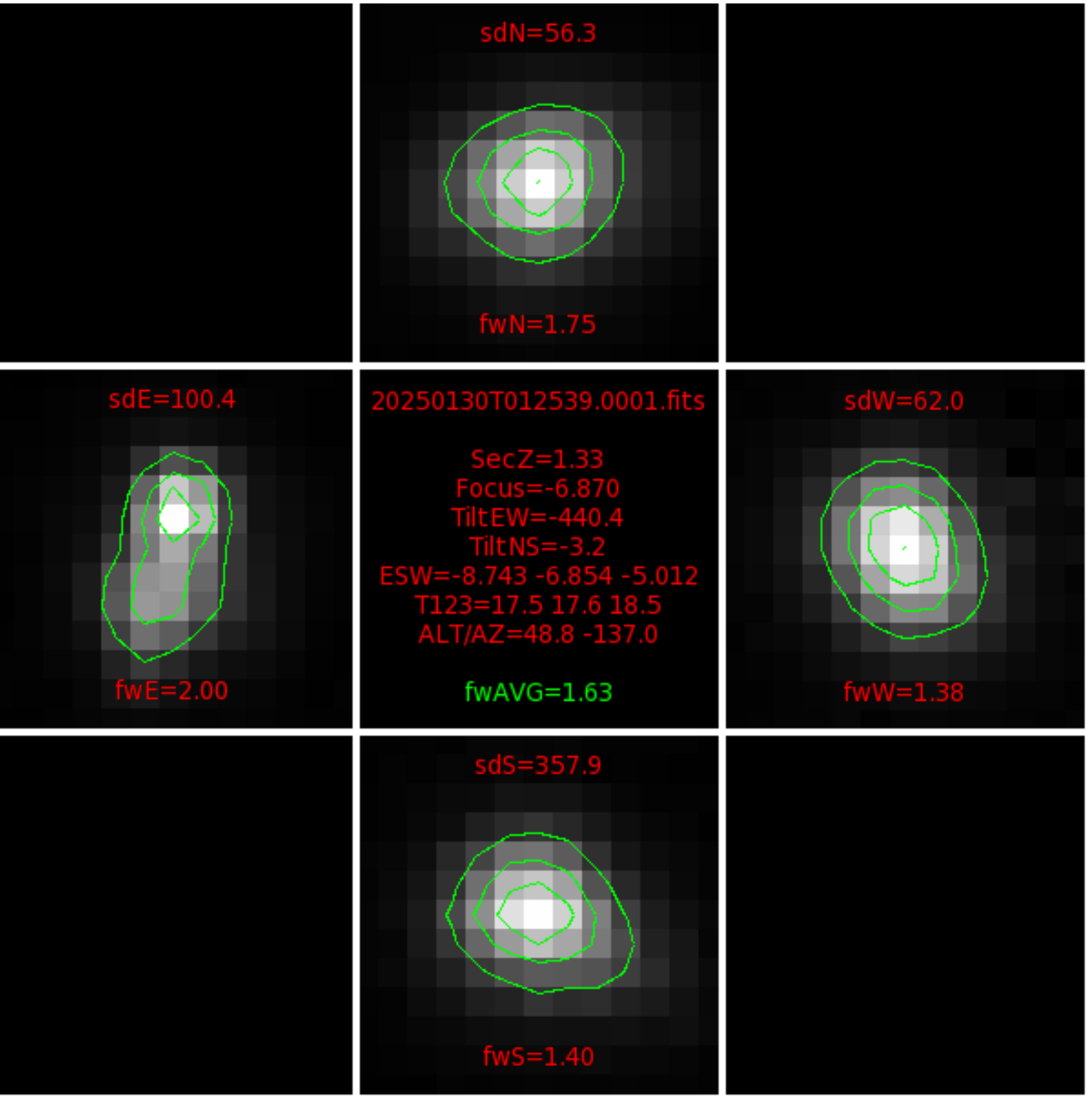

sdN=79.9
fwN=1.79
sdE=156.5
fwE=1.96
20250130T012406.0001.fits
SecZ=1.63
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.4 17.6 18.5
ALT/AZ=37.7 -143.1
fwAVG=1.62
sdW=83.2
fwW=1.35
sdS=449.2
fwS=1.39
0 0 0 0 0 0 0 0 0


sdN=56.3
fwN=1.75
sdE=100.4
fwE=2.00
20250130T012539.0001.fits
SecZ=1.33
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.5 17.6 18.5
ALT/AZ=48.8 -137.0
fwAVG=1.63
sdW=62.0
fwW=1.38
sdS=357.9
fwS=1.40
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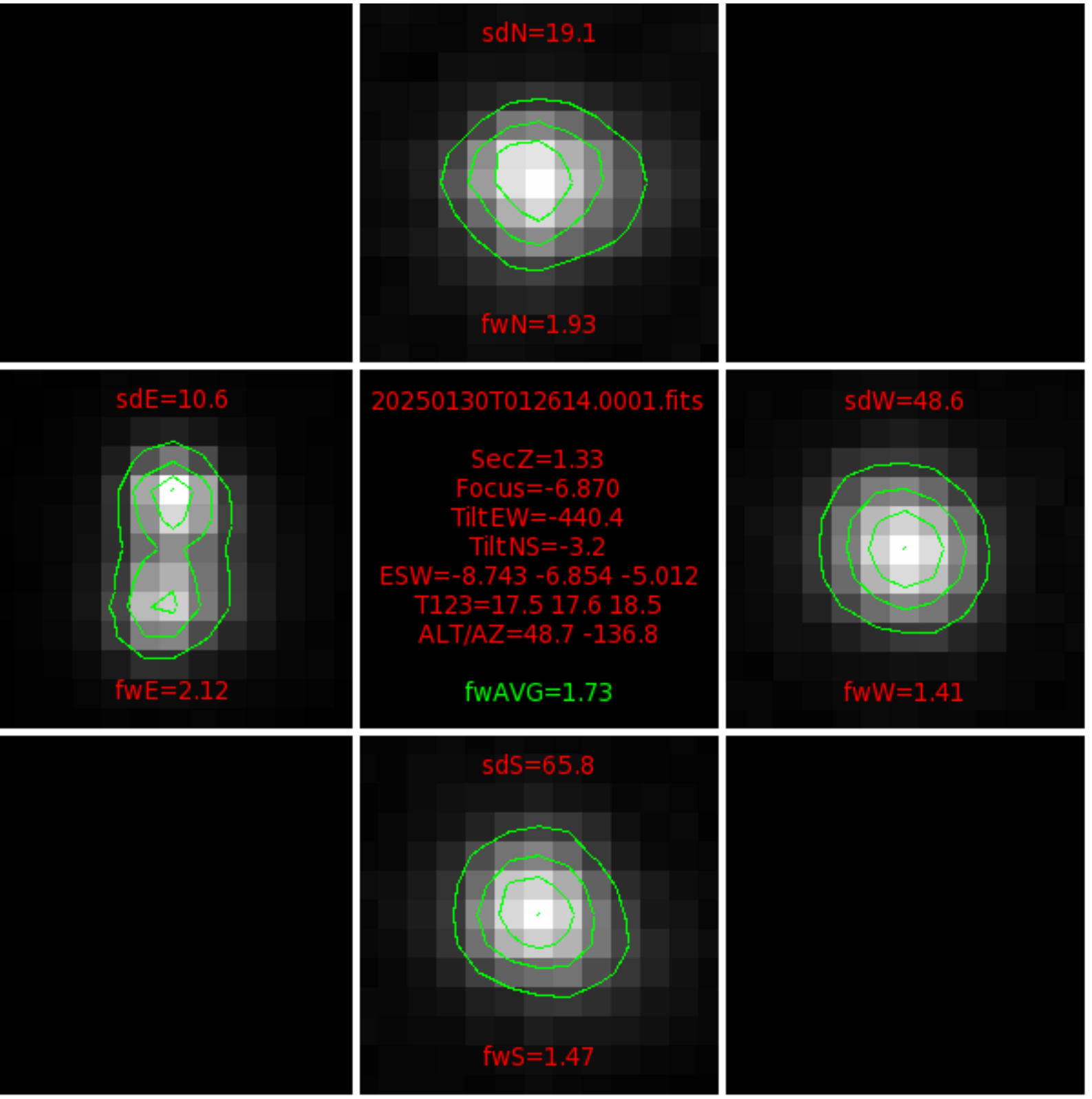
sdN=19.1
fwN=1.93
sdE=10.6
fwE=2.12
20250130T012614.0001.fits
SecZ=1.33
Focus=-6.870
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.743 -6.854 -5.012
T123=17.5 17.6 18.5
ALT/AZ=48.7 -136.8
fwAVG=1.73
sdW=48.6
fwW=1.41
sdS=65.8
fwS=1.47
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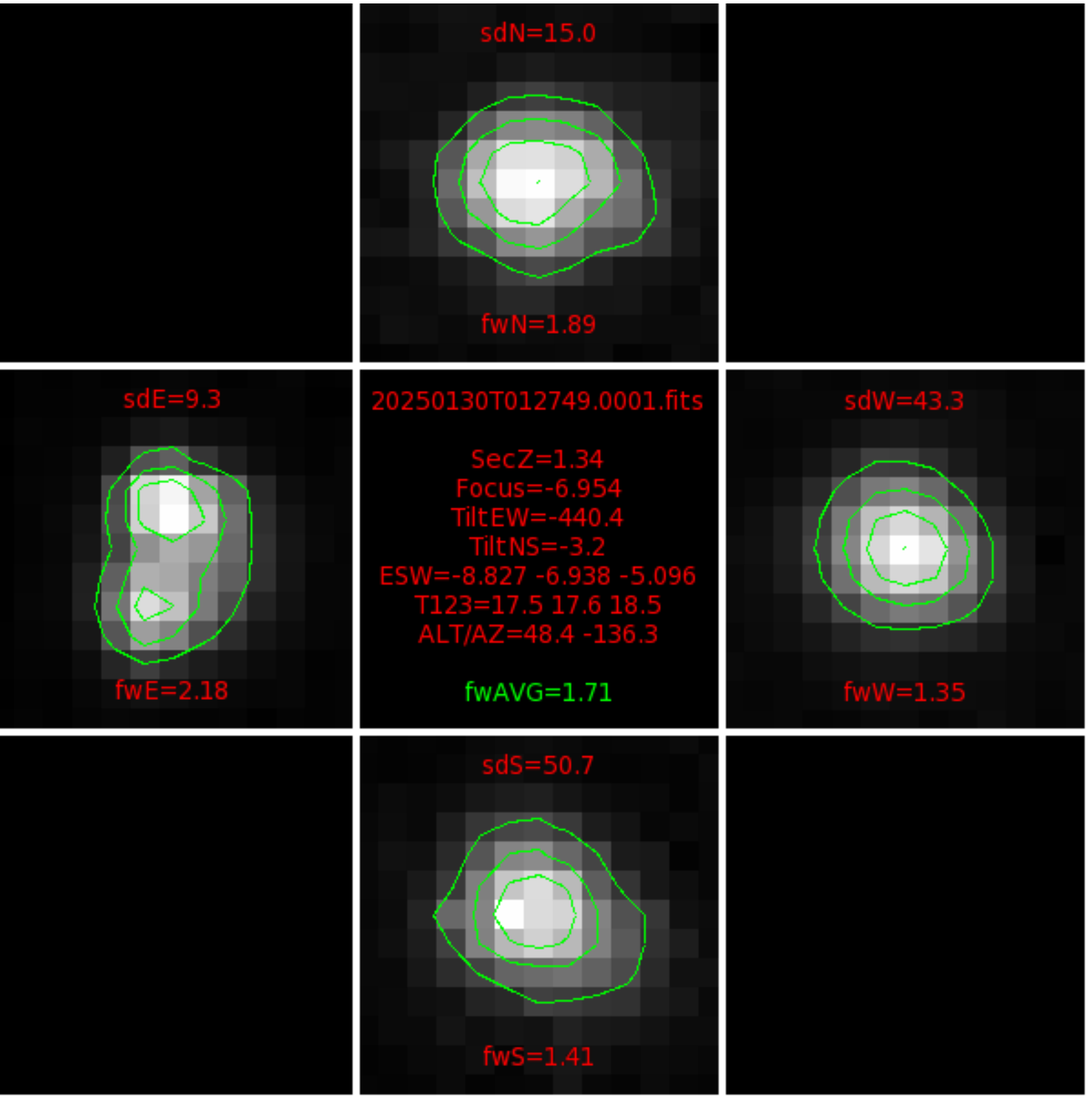
sdN=15.0
fwN=1.89
sdE=9.3
fwE=2.18
20250130T012749.0001.fits
SecZ=1.34
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.5 17.6 18.5
ALT/AZ=48.4 -136.3
fwAVG=1.71
sdW=43.3
fwW=1.35
sdS=50.7
fwS=1.41
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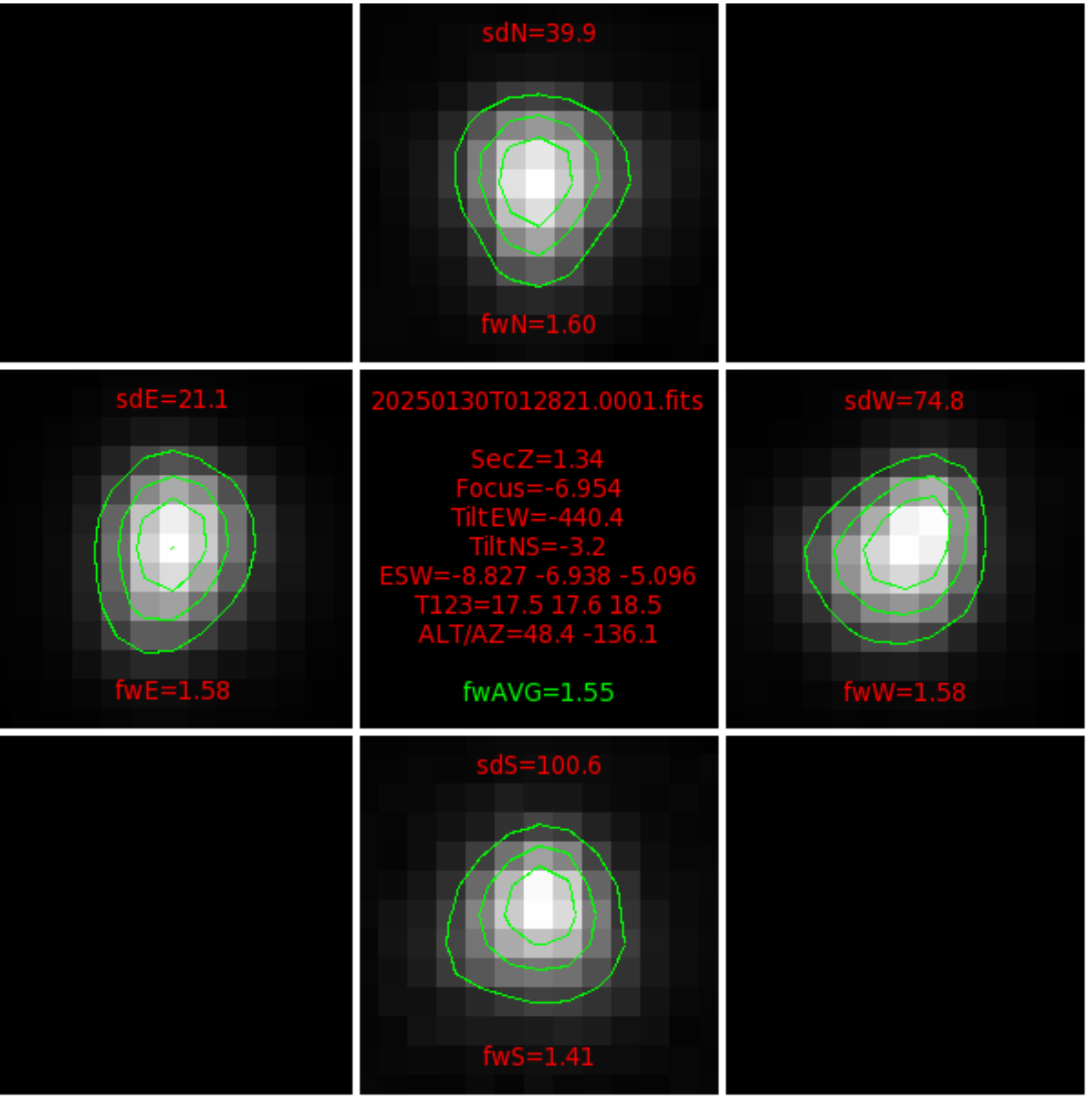
sdN=39.9
fwN=1.60
sdE=21.1
fwE=1.58
20250130T012821.0001.fits
SecZ=1.34
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.5 17.6 18.5
ALT/AZ=48.4 -136.1
fwAVG=1.55
sdW=74.8
fwW=1.58
sdS=100.6
fwS=1.41
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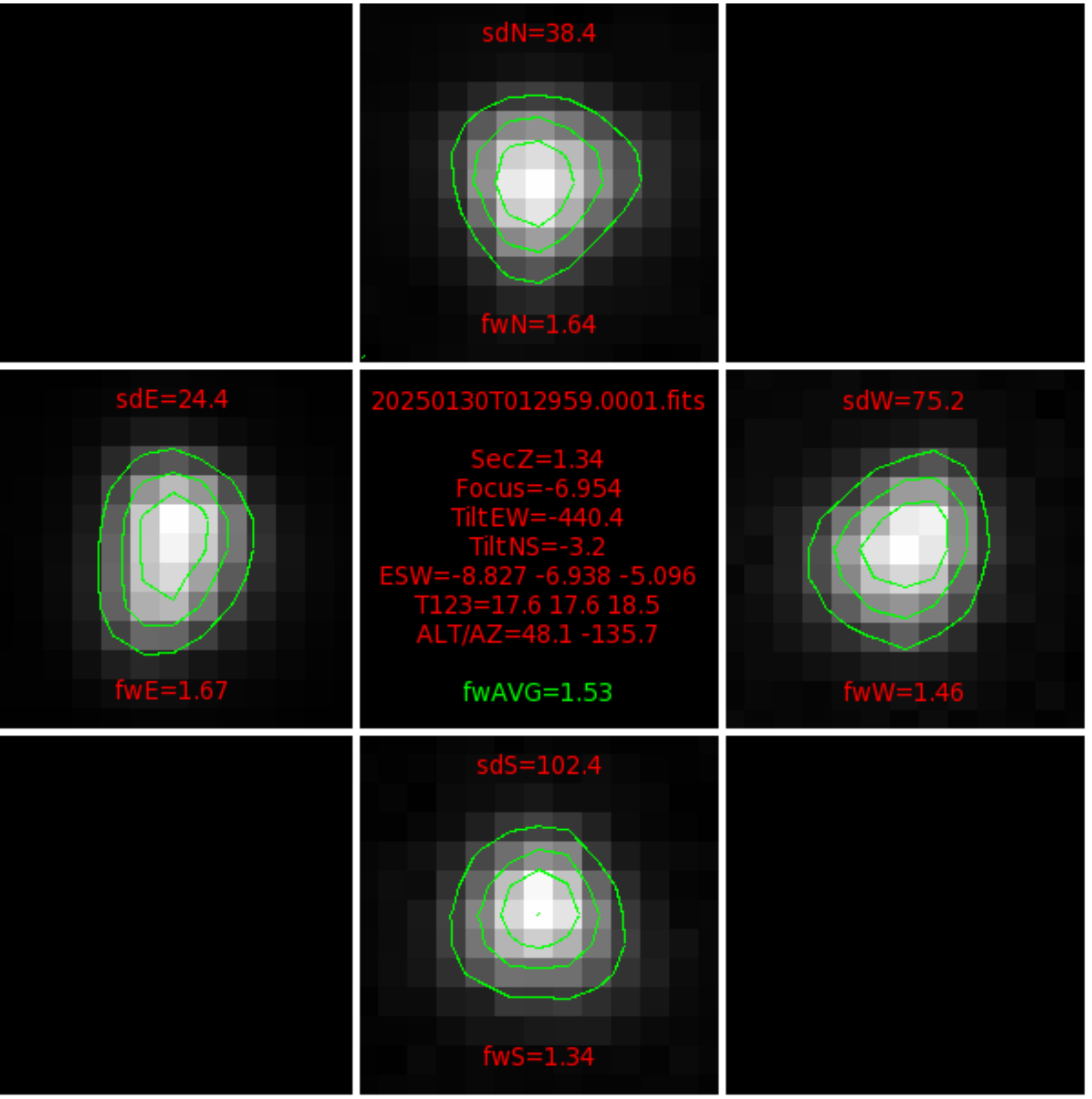
sdN=38.4
fwN=1.64
sdE=24.4
fwE=1.67
20250130T012959.0001.fits
SecZ=1.34
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.6 17.6 18.5
ALT/AZ=48.1 -135.7
fwAVG=1.53
sdW=75.2
fwW=1.46
sdS=102.4
fwS=1.34
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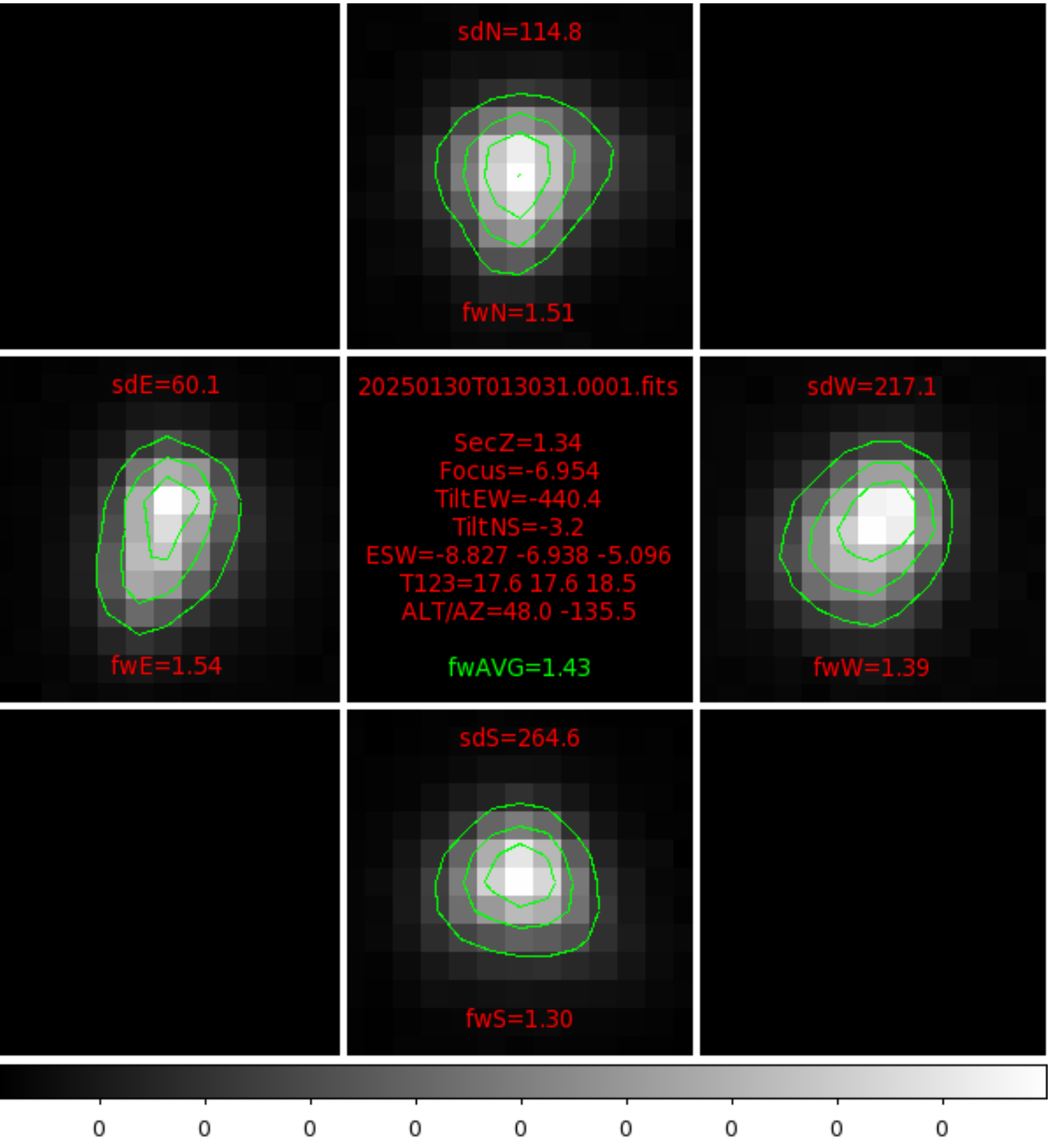
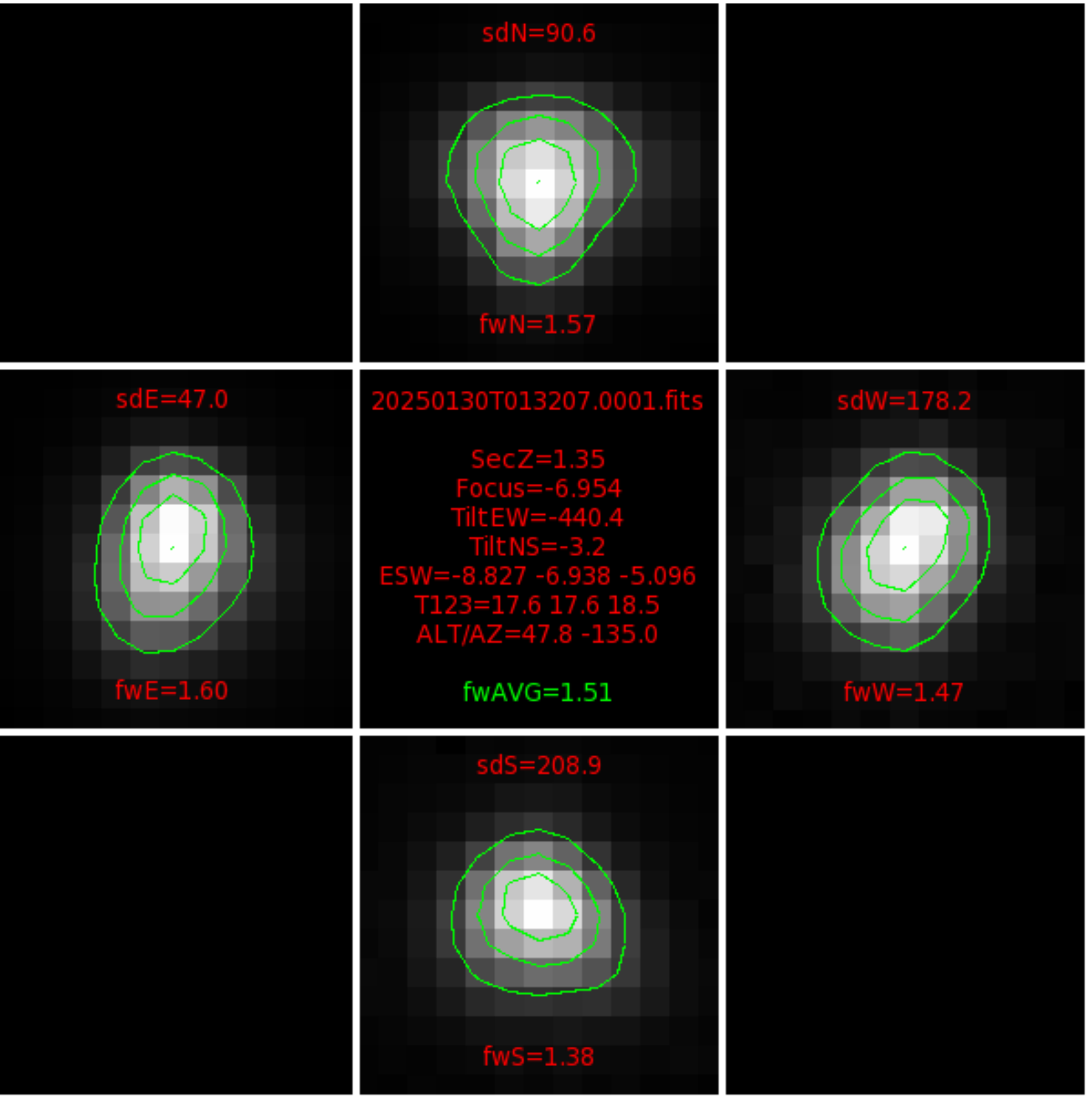
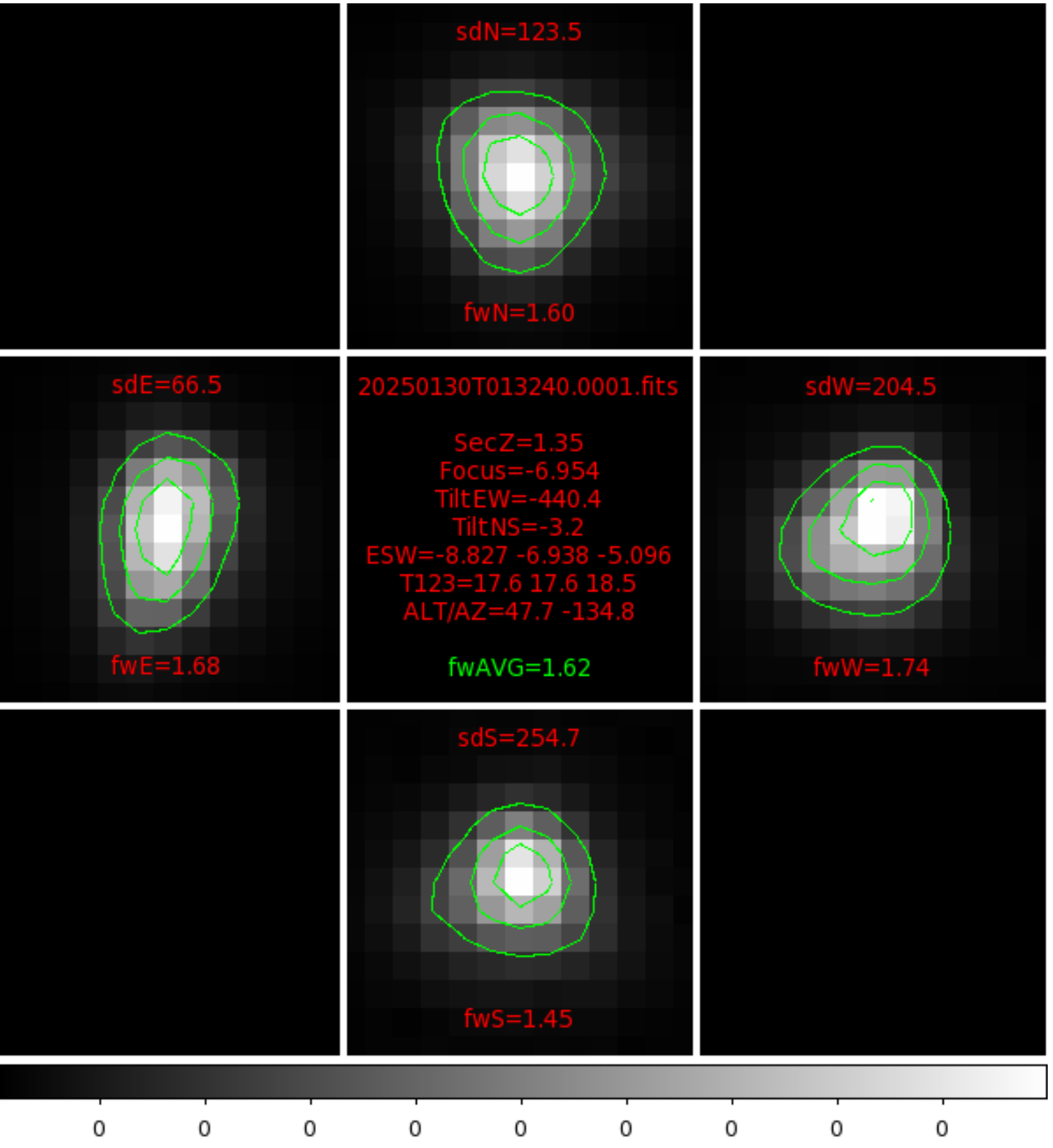
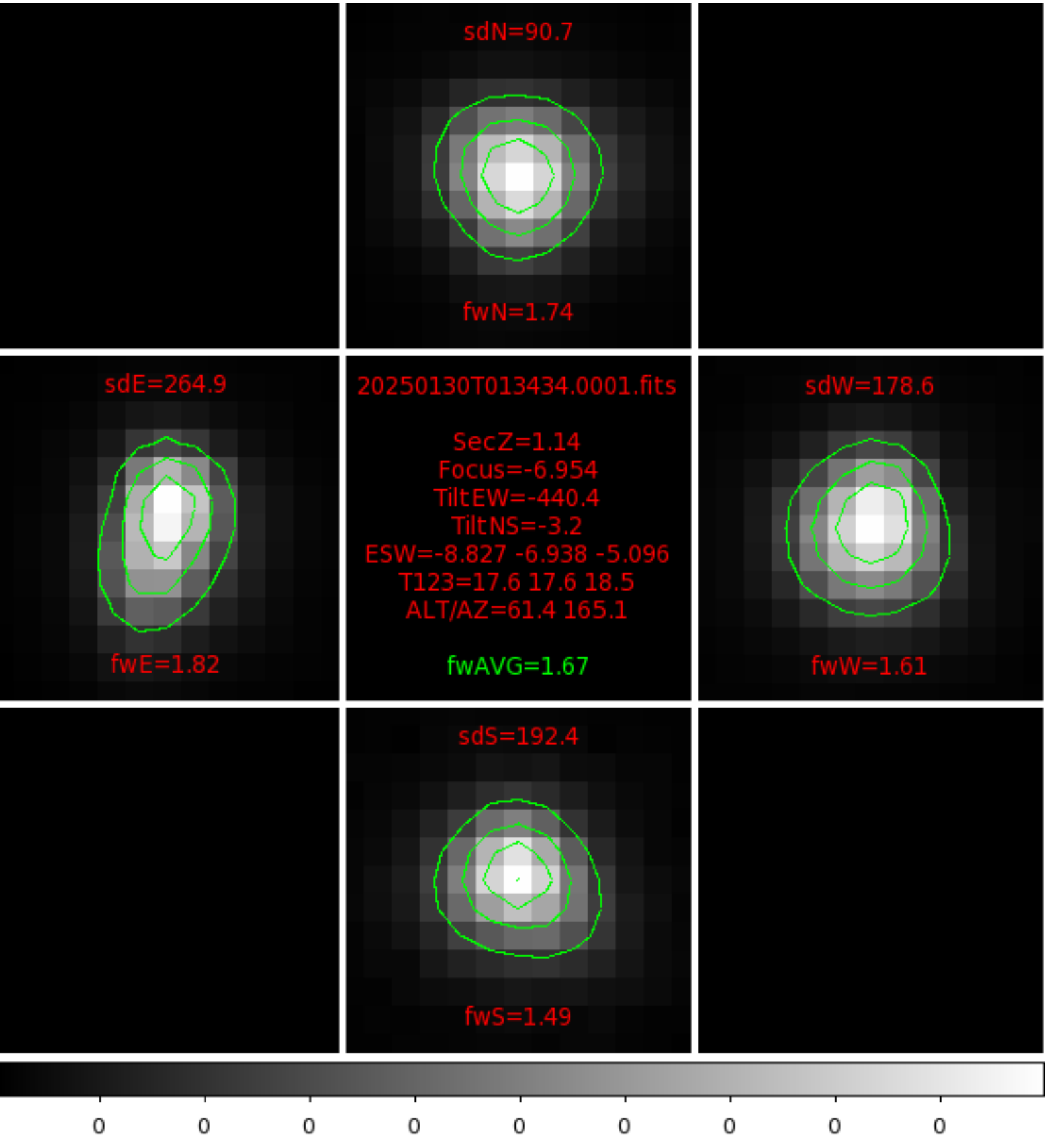

sdN=114.8
fwN=1.51
sdE=60.1
fwE=1.54
20250130T013031.0001.fits
SecZ=1.34
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.6 17.6 18.5
ALT/AZ=48.0 -135.5
fwAVG=1.43
sdW=217.1
fwW=1.39
sdS=264.6
fwS=1.30
0 0 0 0 0 0 0 0 0


sdN=90.6
fwN=1.57
sdE=47.0
fwE=1.60
20250130T013207.0001.fits
SecZ=1.35
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.6 17.6 18.5
ALT/AZ=47.8 -135.0
fwAVG=1.51
sdW=178.2
fwW=1.47
sdS=208.9
fwS=1.38
0 0 0 0 0 0 0 0 0


sdN=123.5
fwN=1.60
sdE=66.5
fwE=1.68
20250130T013240.0001.fits
SecZ=1.35
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.6 17.6 18.5
ALT/AZ=47.7 -134.8
fwAVG=1.62
sdW=204.5
fwW=1.74
sdS=254.7
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=90.7
fwN=1.74
sdE=264.9
fwE=1.82
20250130T013434.0001.fits
SecZ=1.14
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.6 17.6 18.5
ALT/AZ=61.4 165.1
fwAVG=1.67
sdW=178.6
fwW=1.61
sdS=192.4
fwS=1.49
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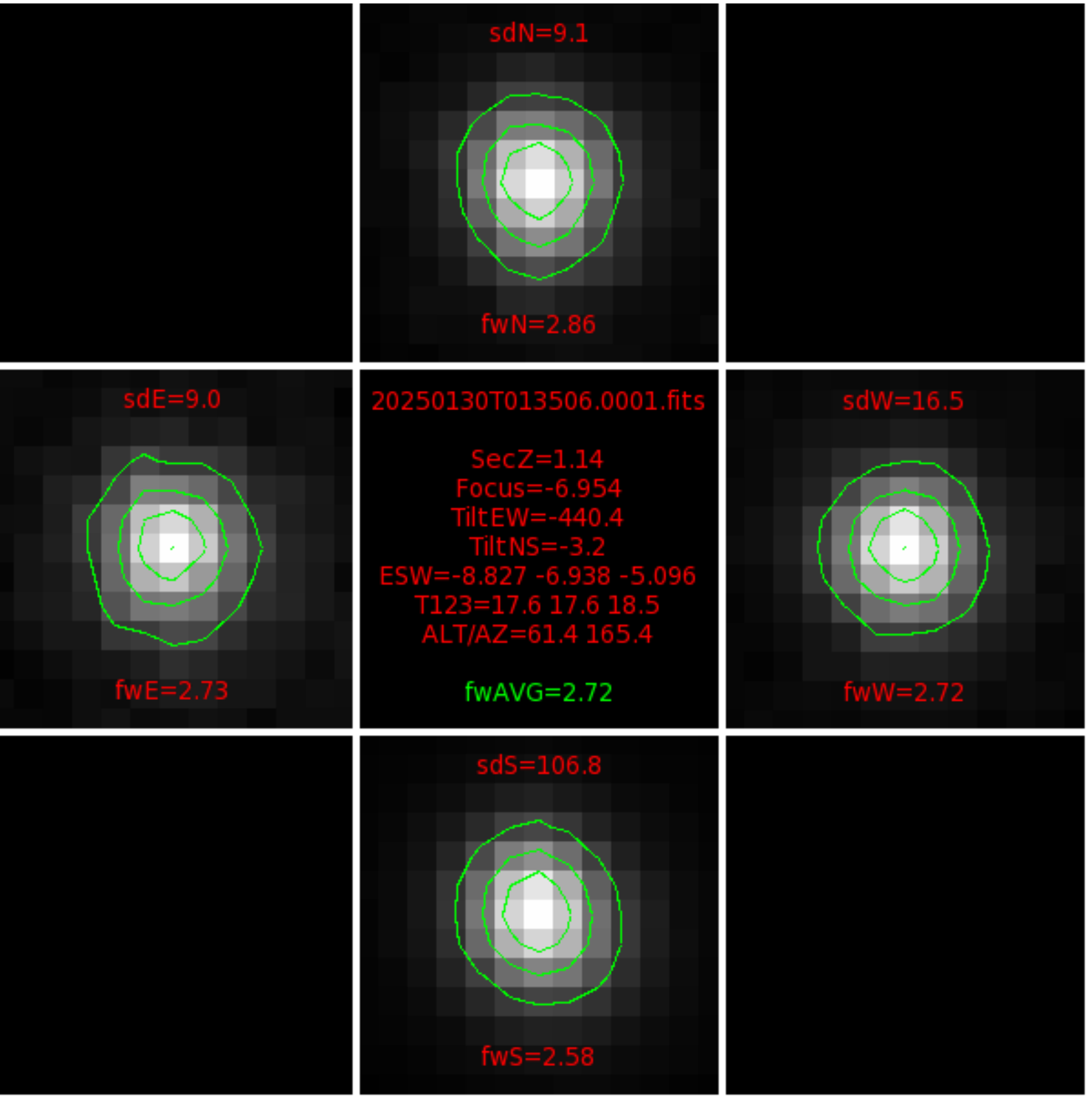
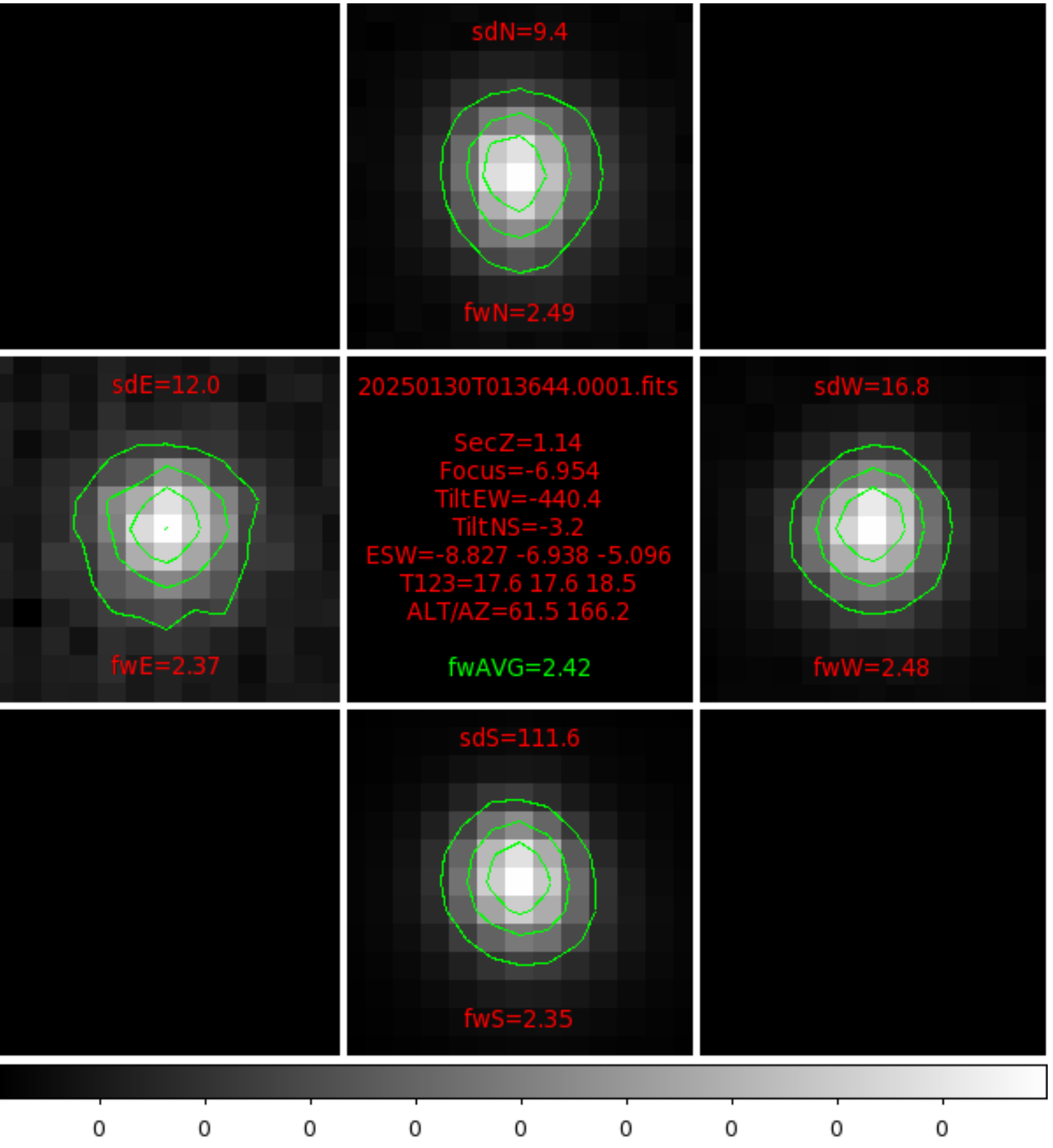
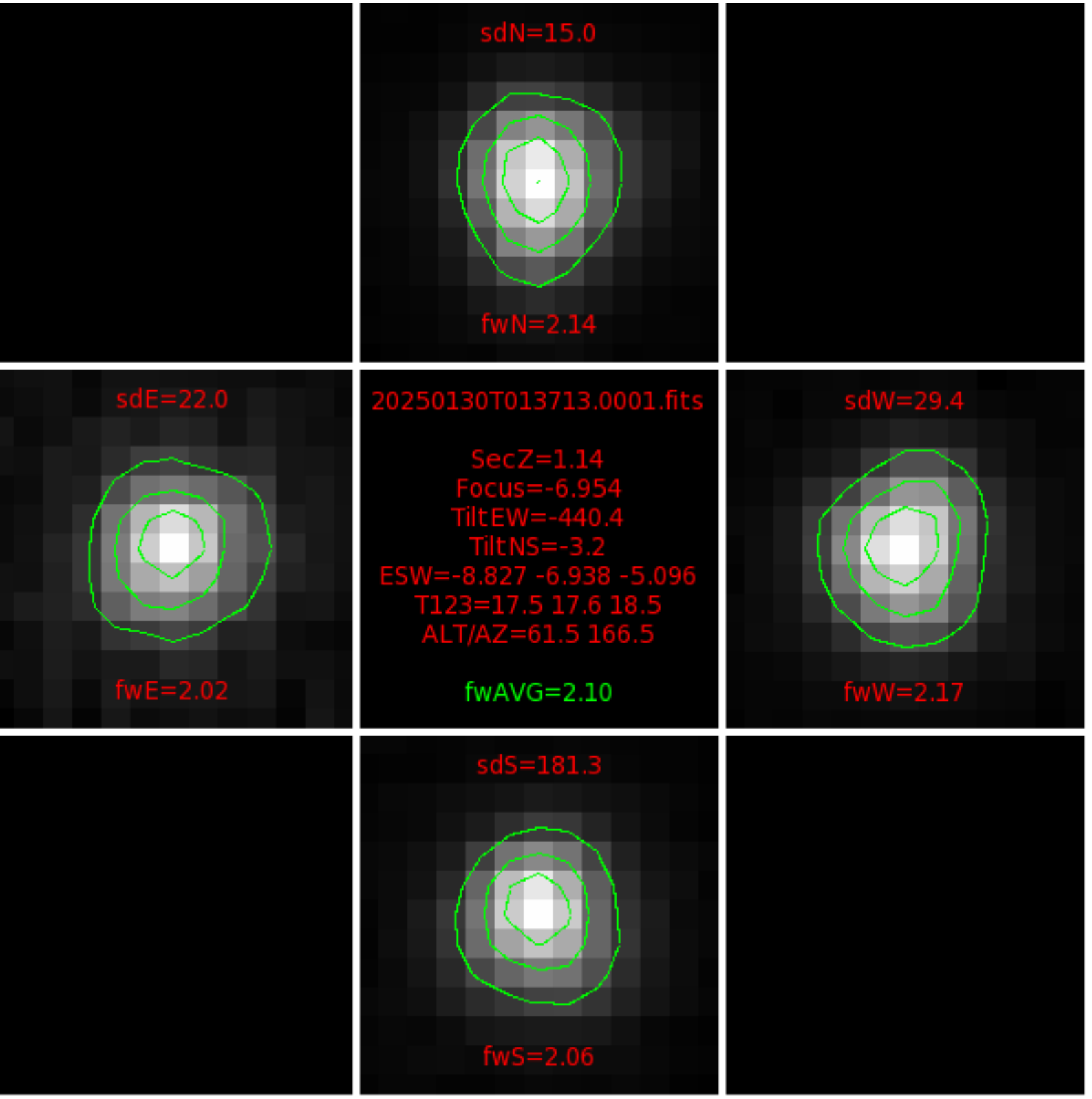
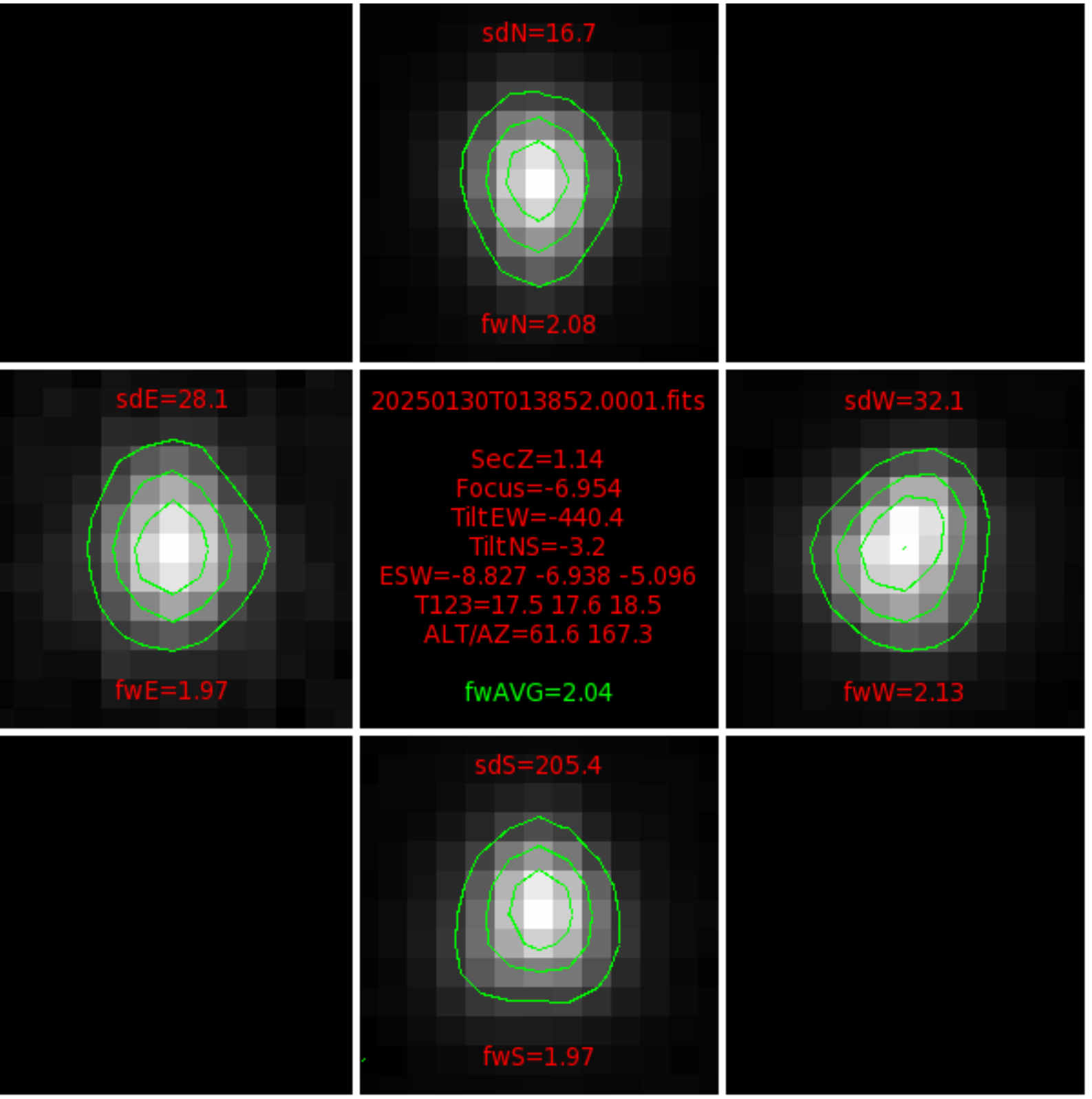
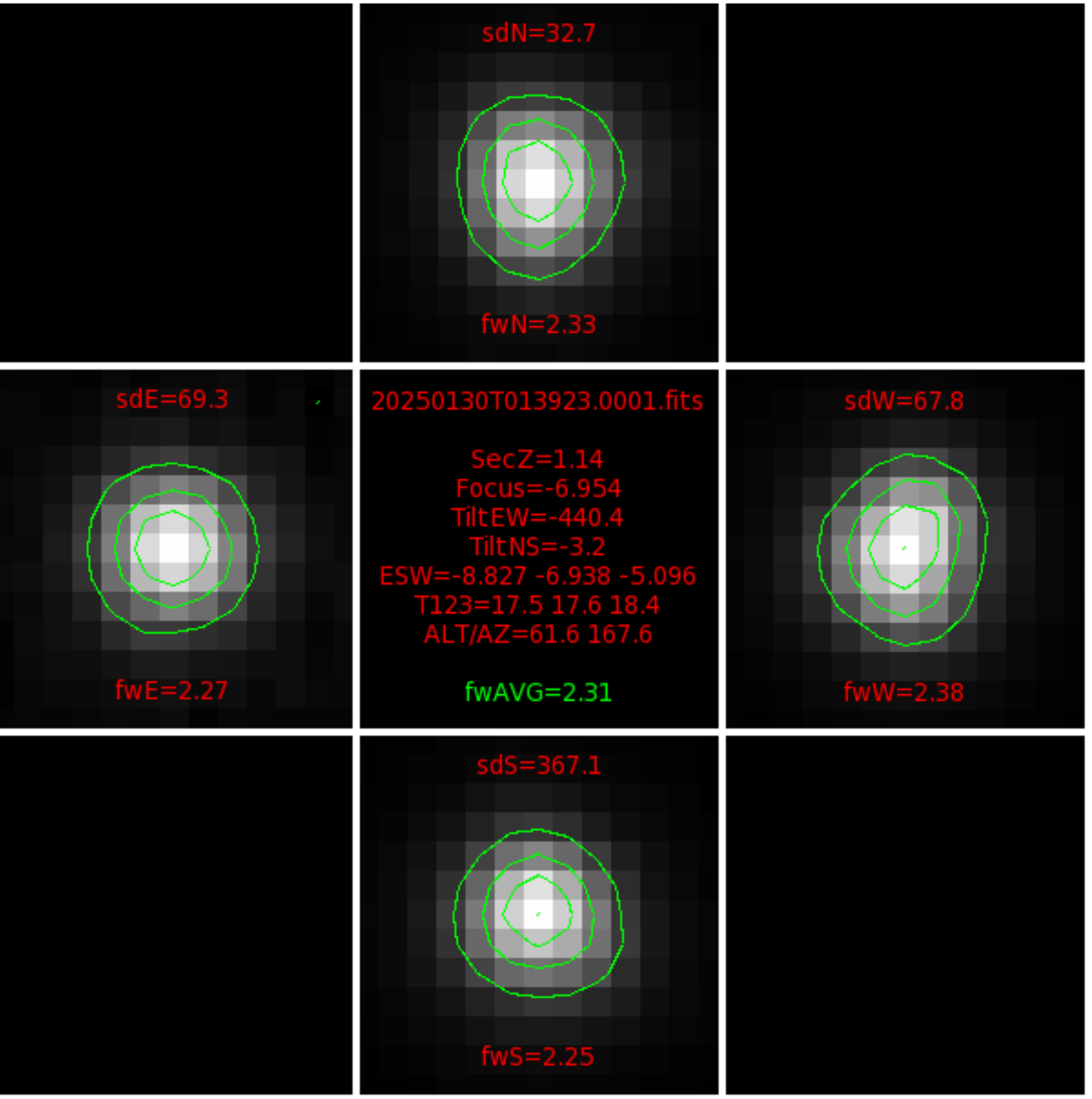
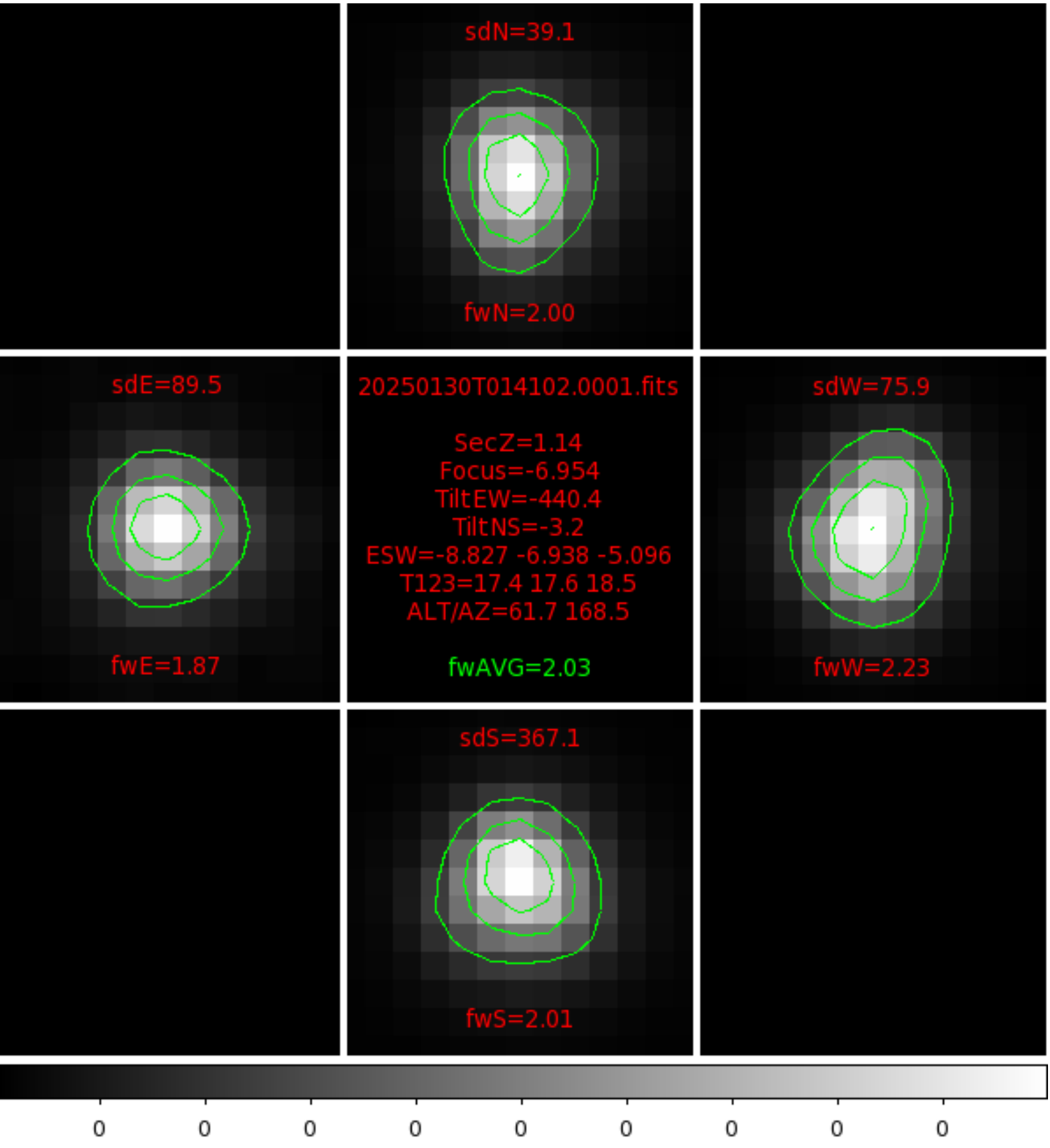

sdN=9.1
fwN=2.86
sdE=9.0
fwE=2.73
20250130T013506.0001.fits
SecZ=1.14
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.6 17.6 18.5
ALT/AZ=61.4 165.4
fwAVG=2.72
sdW=16.5
fwW=2.72
sdS=106.8
fwS=2.58
0 0 0 0 0 0 0 0 0

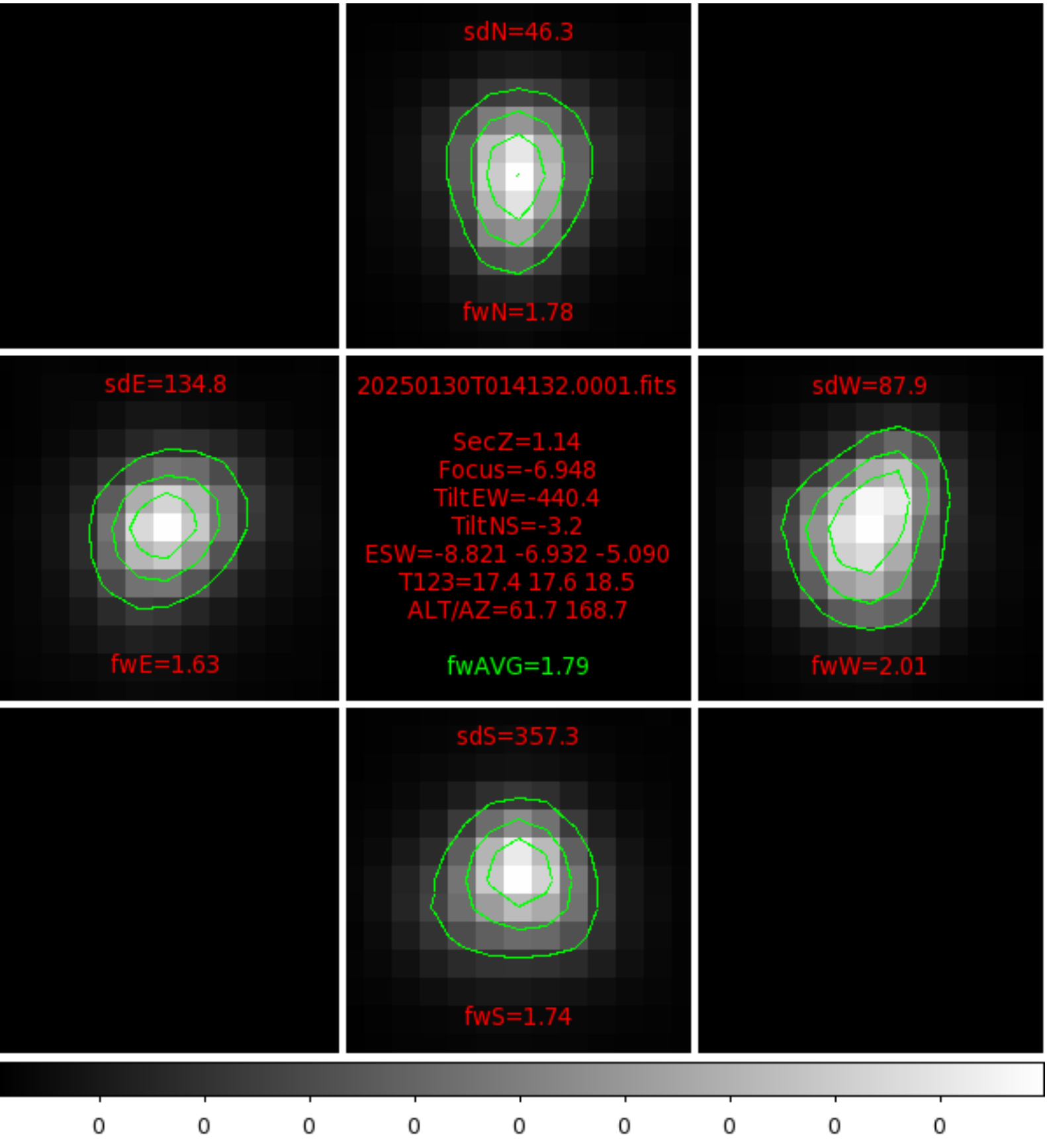

sdN=9.4
fwN=2.49
sdE=12.0
fwE=2.37
20250130T013644.0001.fits
SecZ=1.14
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.6 17.6 18.5
ALT/AZ=61.5 166.2
fwAVG=2.42
sdW=16.8
fwW=2.48
sdS=111.6
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=15.0
fwN=2.14
sdE=22.0
fwE=2.02
20250130T013713.0001.fits
SecZ=1.14
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.5 17.6 18.5
ALT/AZ=61.5 166.5
fwAVG=2.10
sdW=29.4
fwW=2.17
sdS=181.3
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=16.7
fwN=2.08
sdE=28.1
fwE=1.97
20250130T013852.0001.fits
SecZ=1.14
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.5 17.6 18.5
ALT/AZ=61.6 167.3
fwAVG=2.04
sdW=32.1
fwW=2.13
sdS=205.4
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=32.7
fwN=2.33
sdE=69.3
fwE=2.27
20250130T013923.0001.fits
SecZ=1.14
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.5 17.6 18.4
ALT/AZ=61.6 167.6
fwAVG=2.31
sdW=67.8
fwW=2.38
sdS=367.1
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=39.1
fwN=2.00
sdE=89.5
fwE=1.87
20250130T014102.0001.fits
SecZ=1.14
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.4 17.6 18.5
ALT/AZ=61.7 168.5
fwAVG=2.03
sdW=75.9
fwW=2.23
sdS=367.1
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=46.3
fwN=1.78
sdE=134.8
fwE=1.63
20250130T014132.0001.fits
SecZ=1.14
Focus=-6.948
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.821 -6.932 -5.090
T123=17.4 17.6 18.5
ALT/AZ=61.7 168.7
fwAVG=1.79
sdW=87.9
fwW=2.01
sdS=357.3
fwS=1.74
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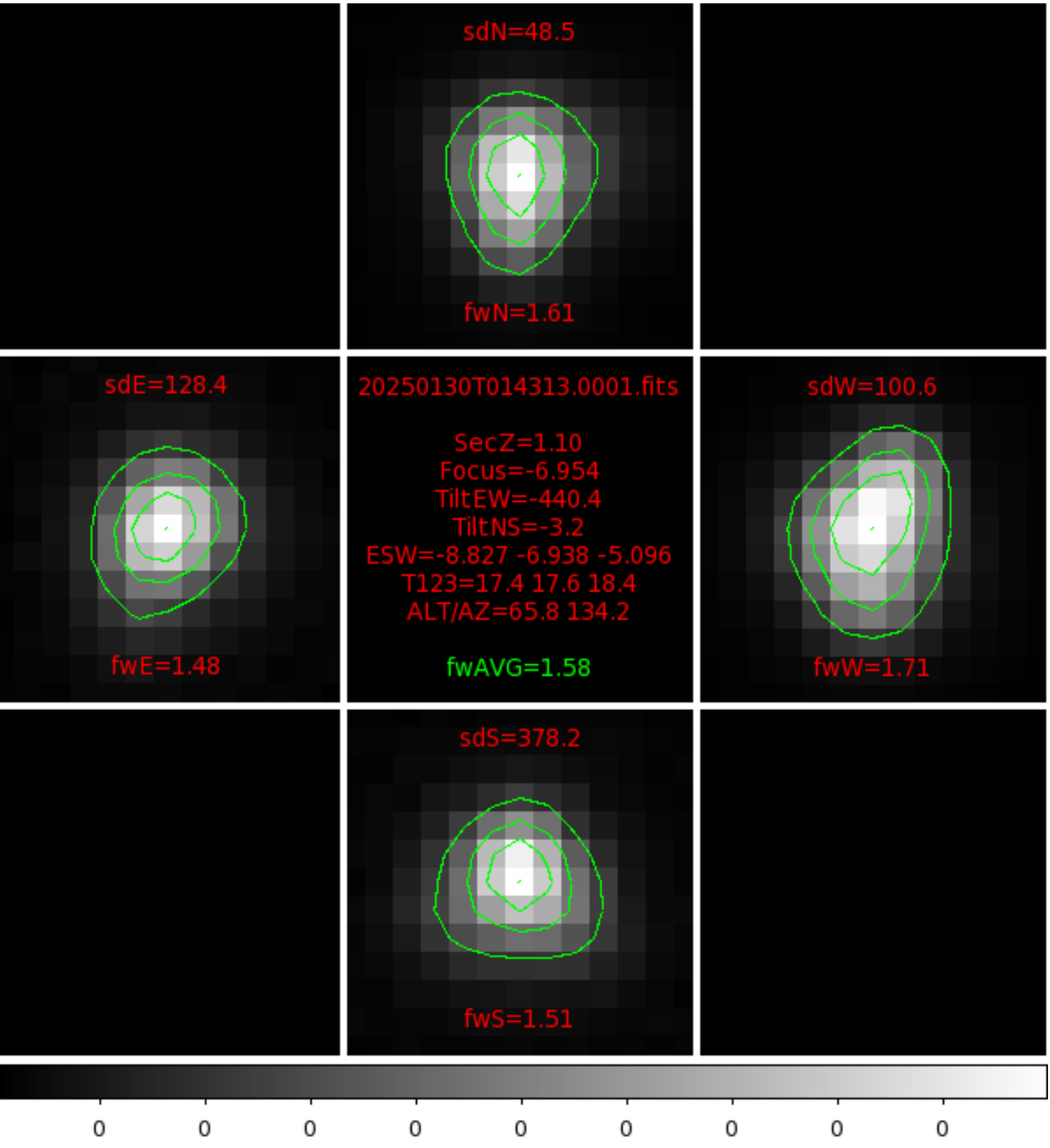
sdN=48.5
fwN=1.61
sdE=128.4
fwE=1.48
20250130T014313.0001.fits
SecZ=1.10
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.4 17.6 18.4
ALT/AZ=65.8 134.2
fwAVG=1.58
sdW=100.6
fwW=1.71
sdS=378.2
fwS=1.51
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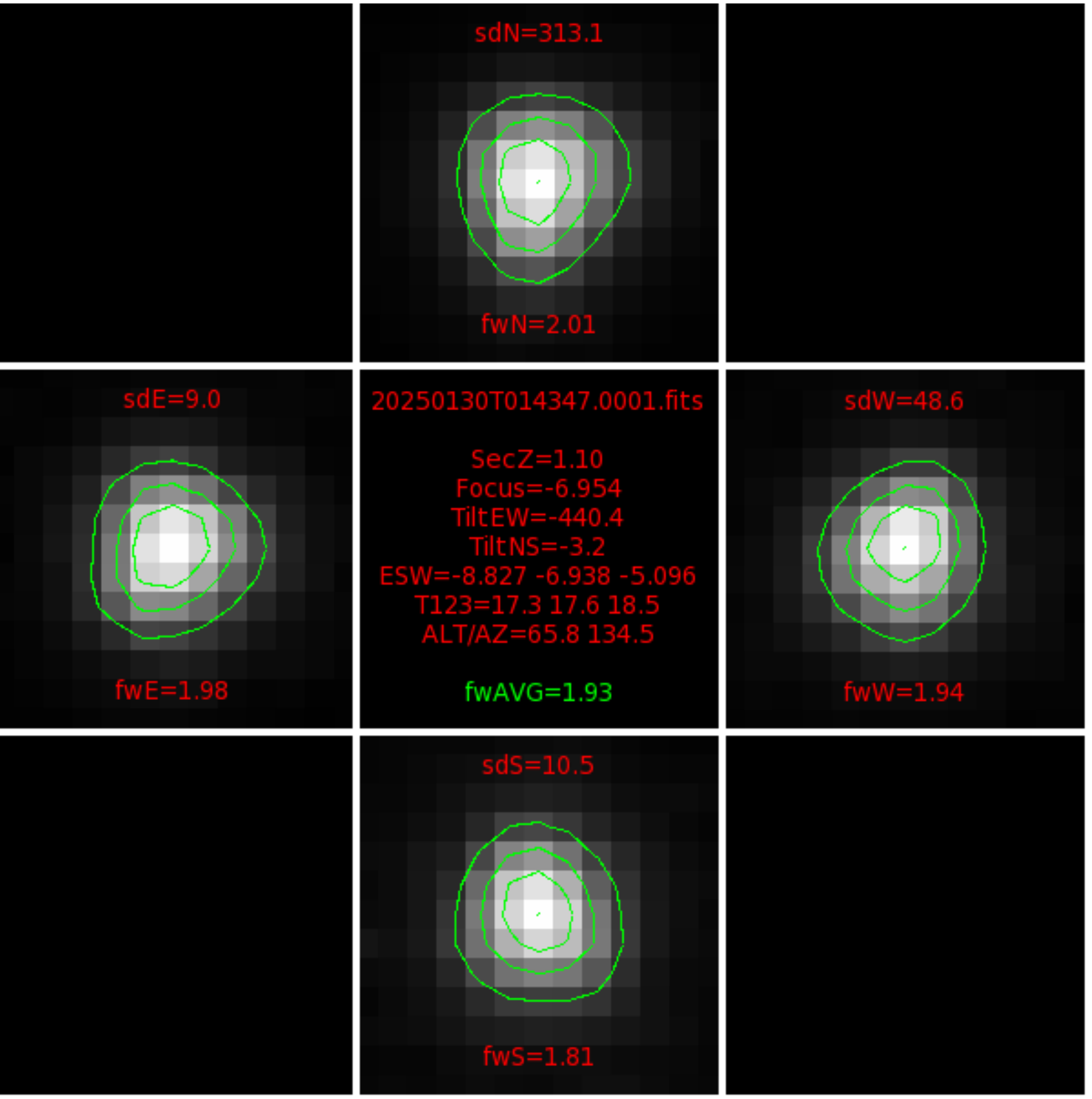
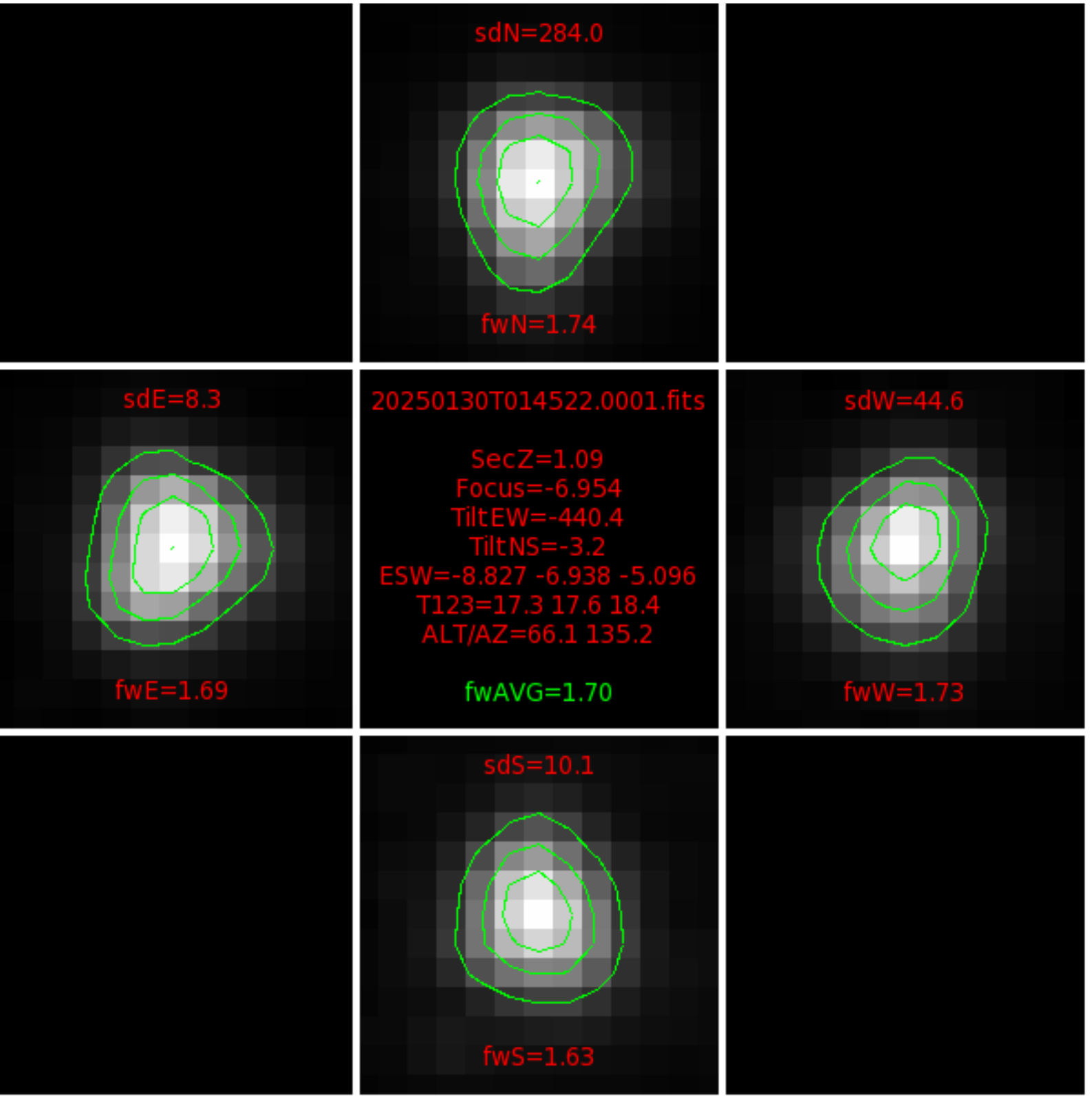
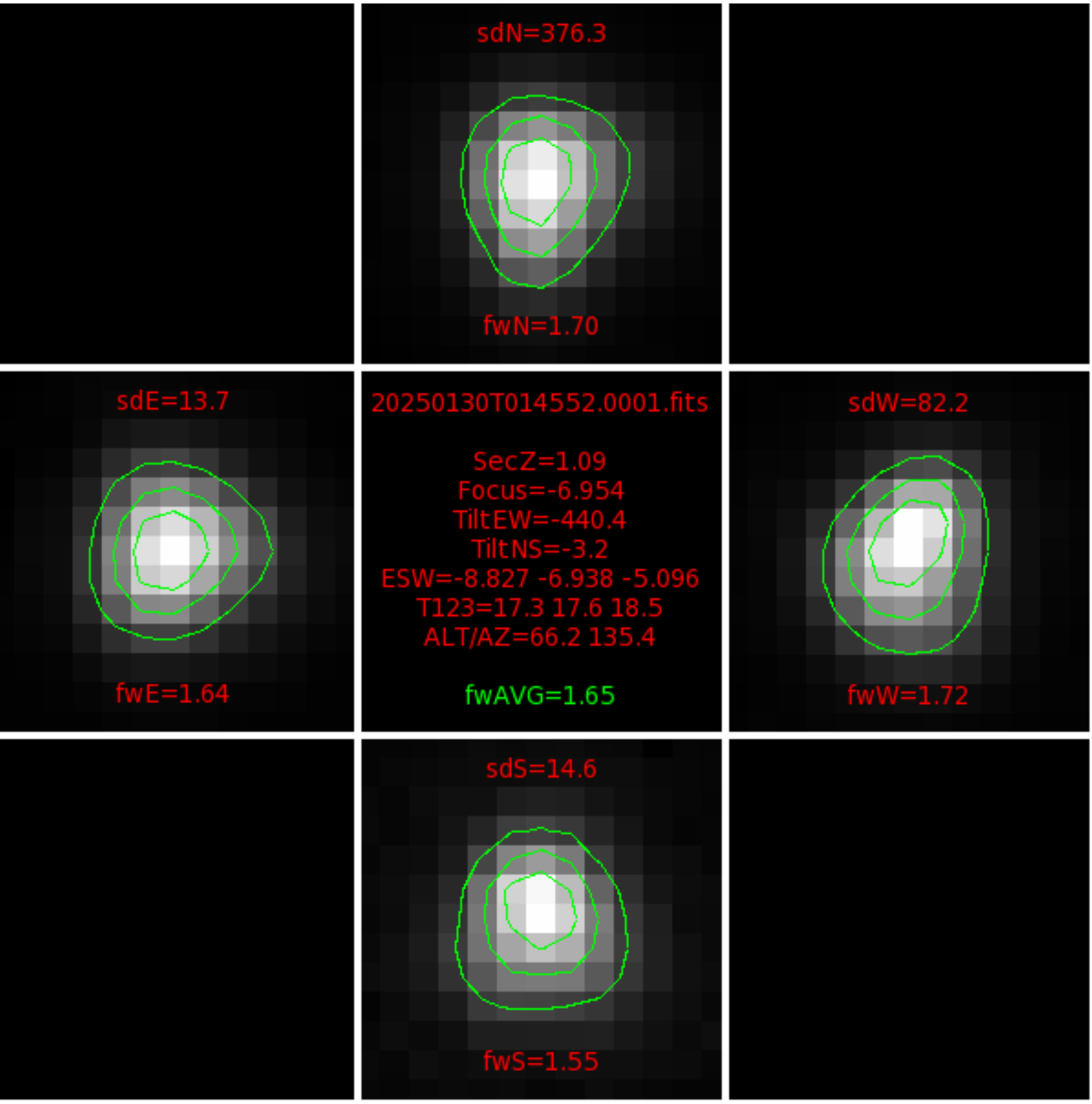
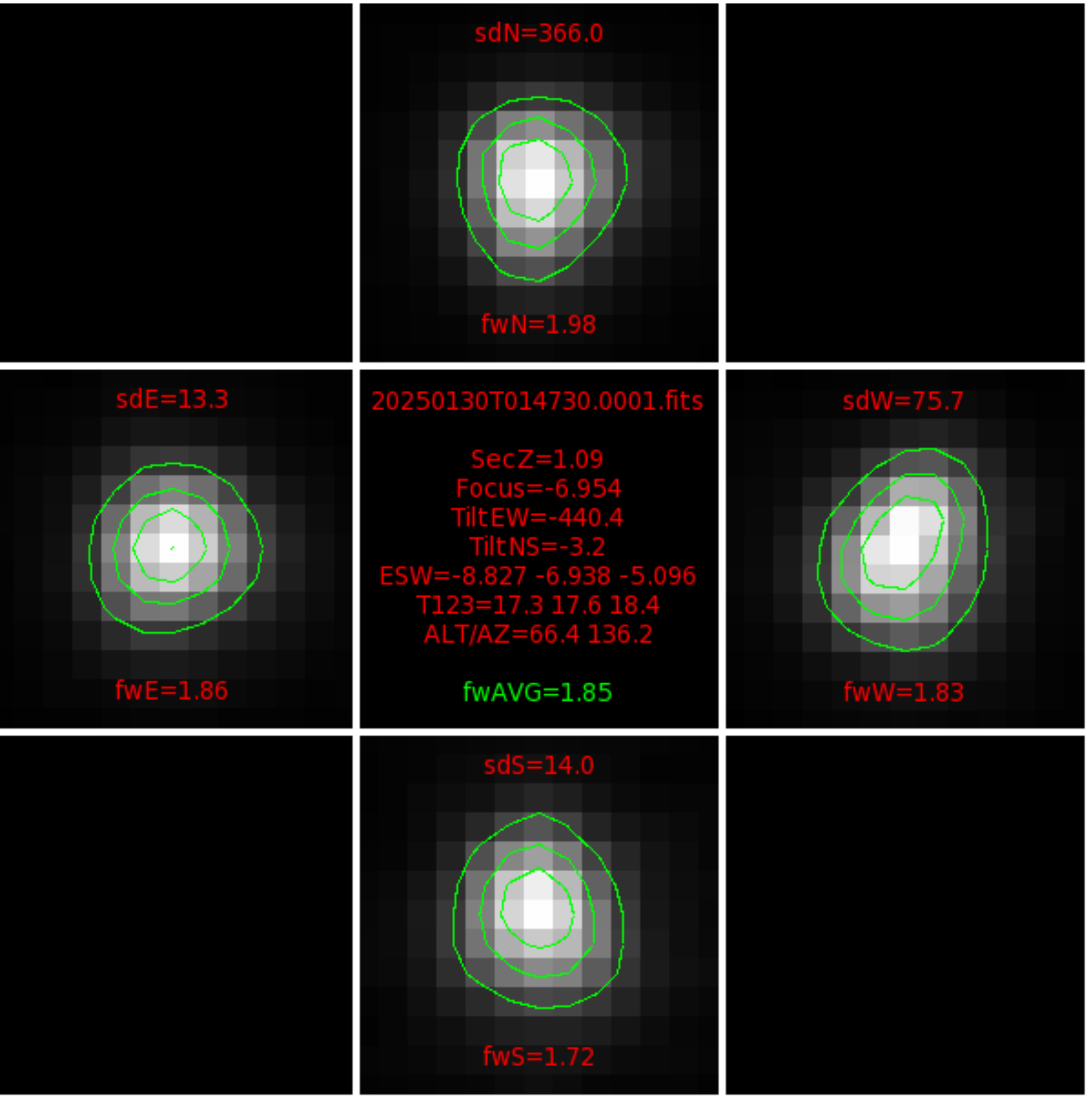
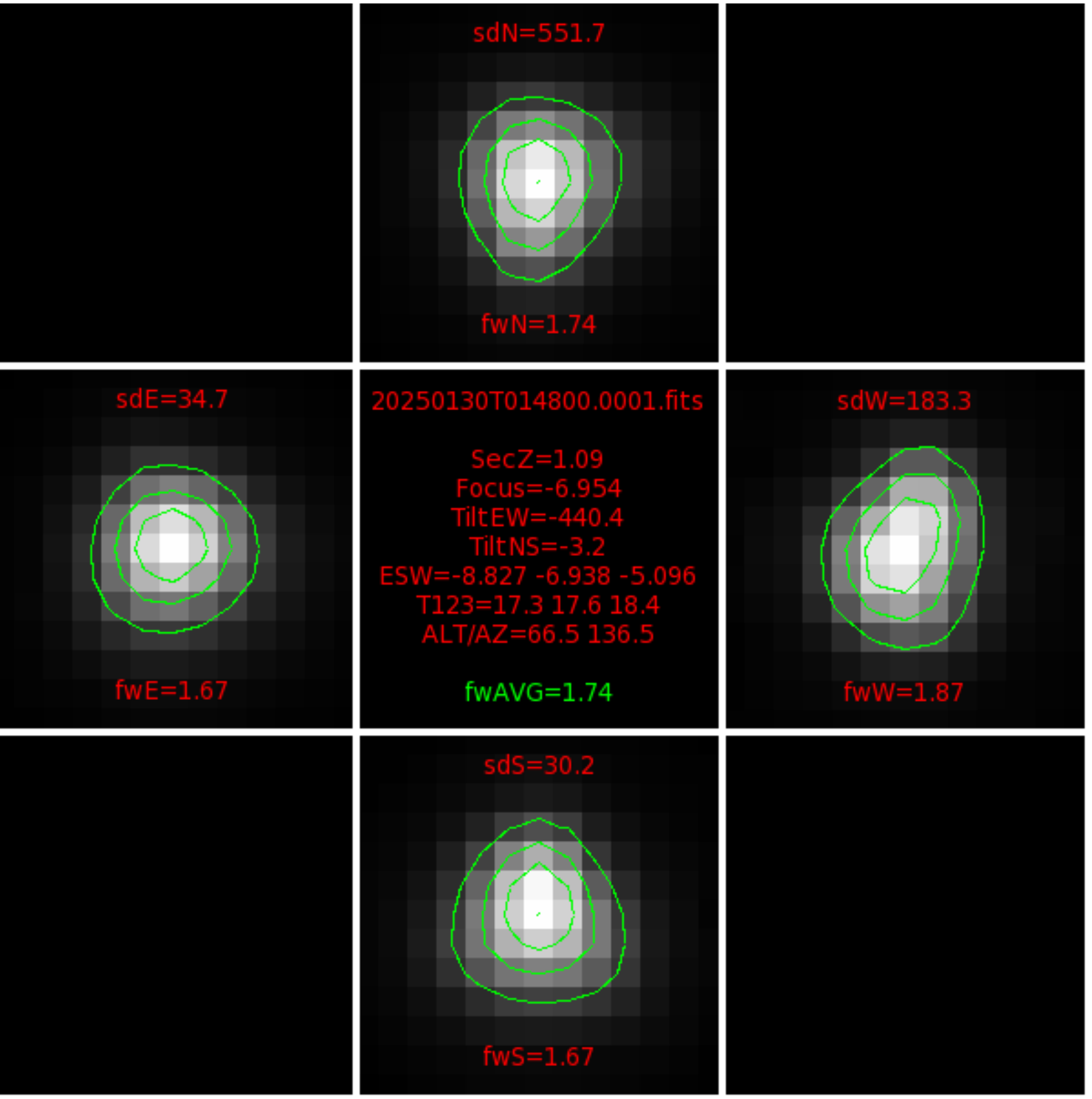
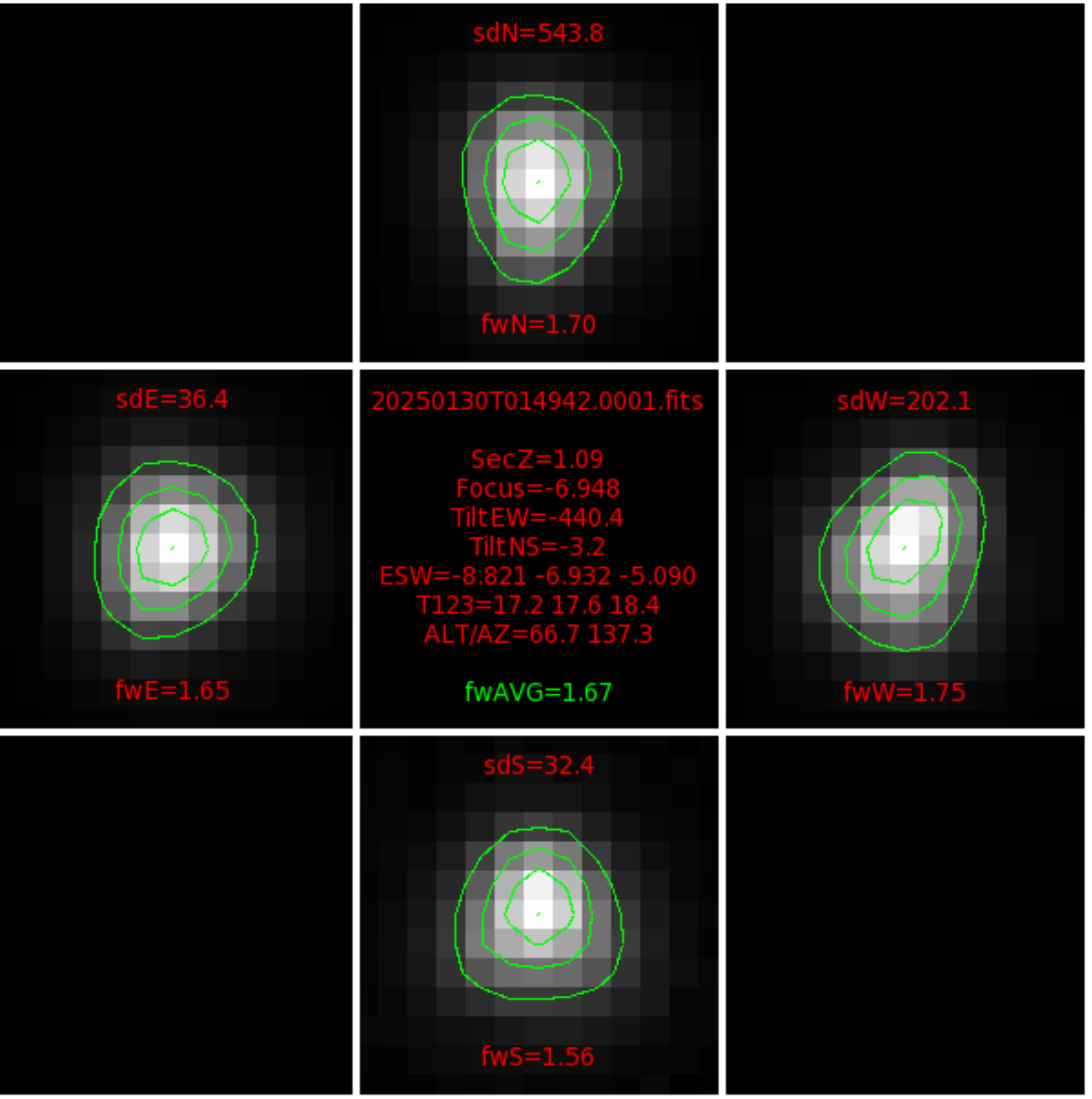

sdN=313.1
fwN=2.01
sdE=9.0
fwE=1.98
20250130T014347.0001.fits
SecZ=1.10
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.3 17.6 18.5
ALT/AZ=65.8 134.5
fwAVG=1.93
sdW=48.6
fwW=1.94
sdS=10.5
fwS=1.81
0 0 0 0 0 0 0 0 0

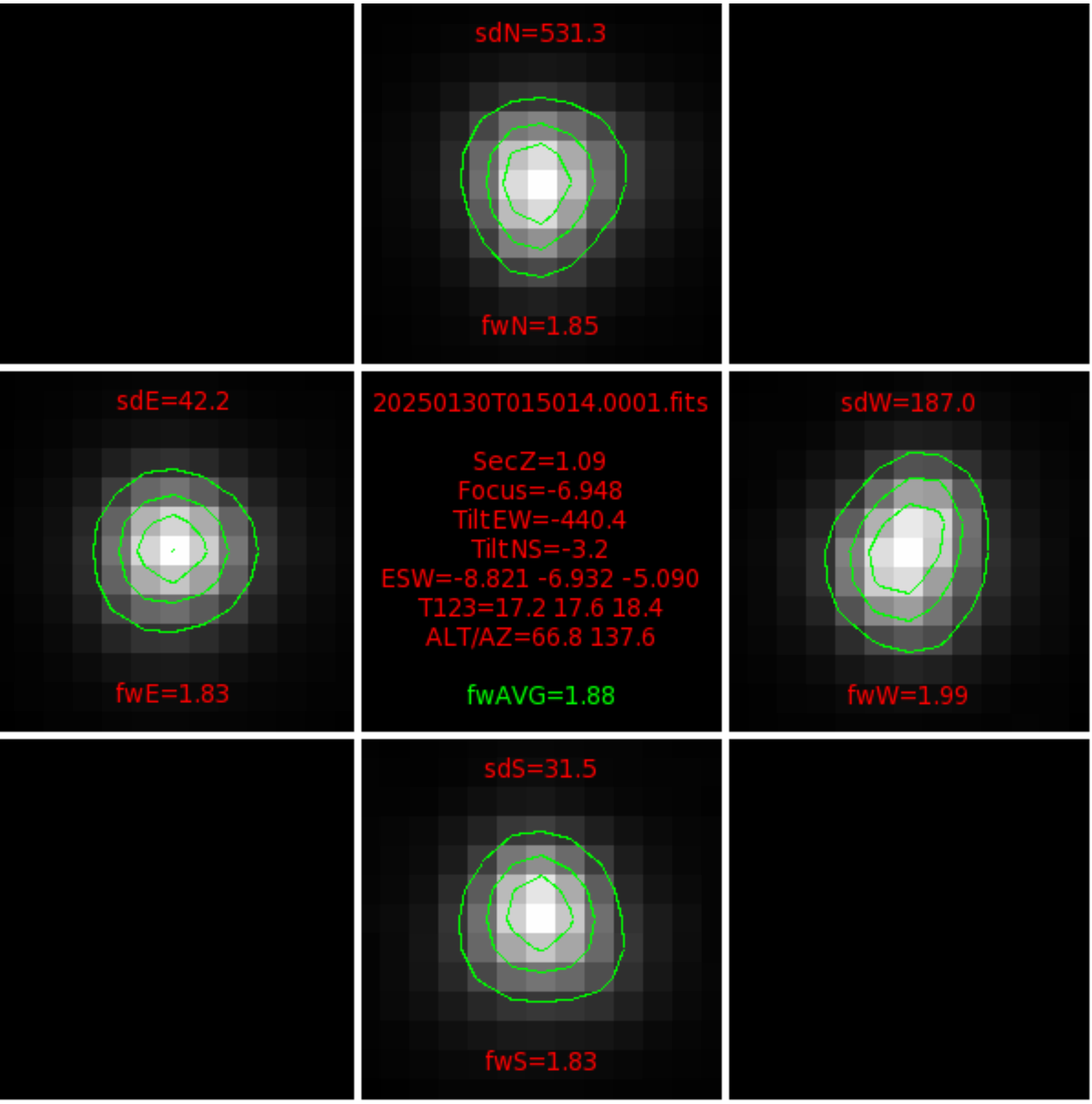

sdN=284.0
fwN=1.74
sdE=8.3
fwE=1.69
20250130T014522.0001.fits
SecZ=1.09
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.3 17.6 18.4
ALT/AZ=66.1 135.2
fwAVG=1.70
sdW=44.6
fwW=1.73
sdS=10.1
fwS=1.63
0 0 0 0 0 0 0 0 0

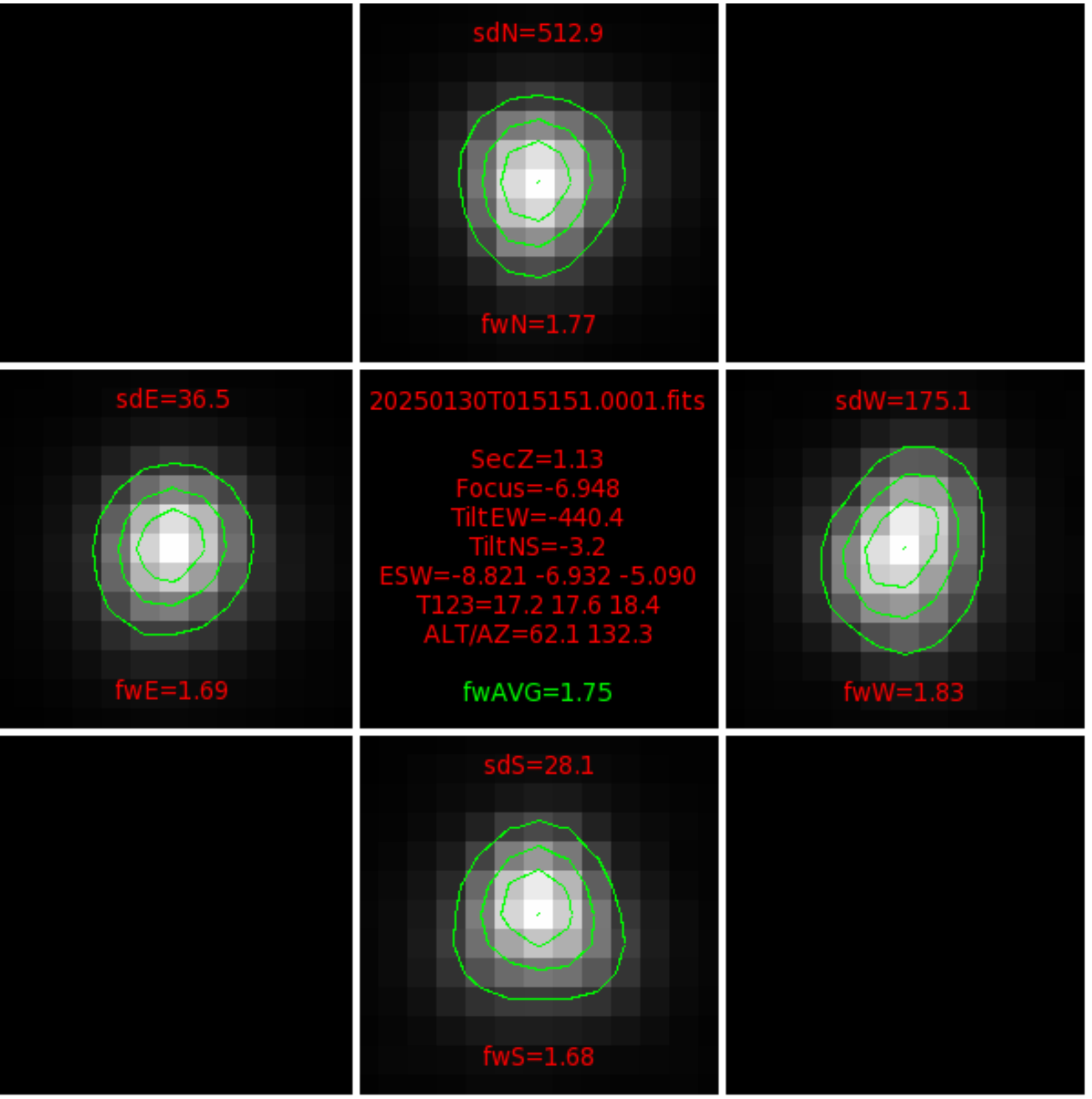

sdN=376.3
fwN=1.70
sdE=13.7
fwE=1.64
20250130T014552.0001.fits
SecZ=1.09
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.3 17.6 18.5
ALT/AZ=66.2 135.4
fwAVG=1.65
sdW=82.2
fwW=1.72
sdS=14.6
fwS=1.55
0 0 0 0 0 0 0 0 0

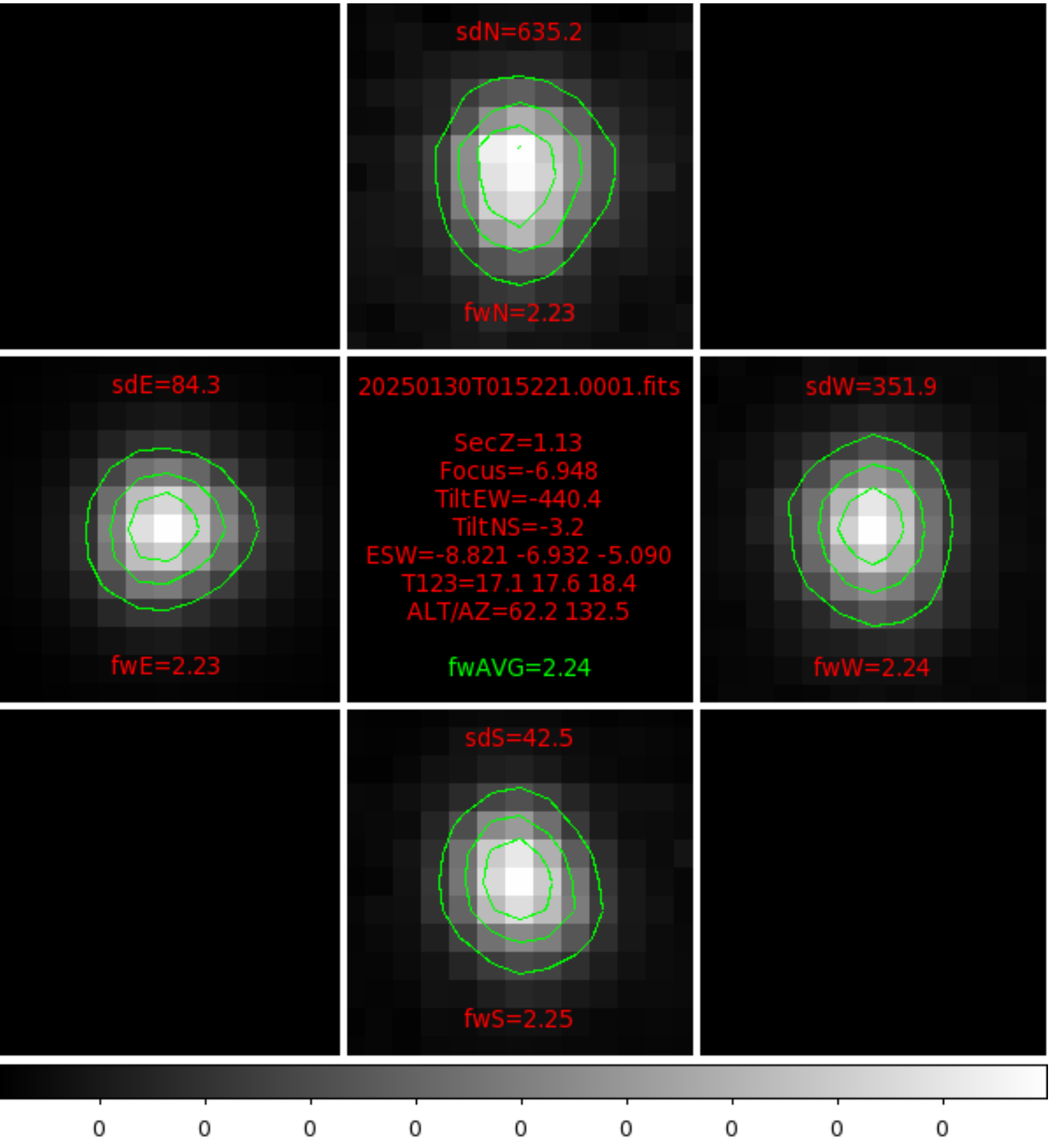

sdN=366.0
fwN=1.98
sdE=13.3
fwE=1.86
20250130T014730.0001.fits
SecZ=1.09
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.3 17.6 18.4
ALT/AZ=66.4 136.2
fwAVG=1.85
sdW=75.7
fwW=1.83
sdS=14.0
fwS=1.72
0 0 0 0 0 0 0 0 0

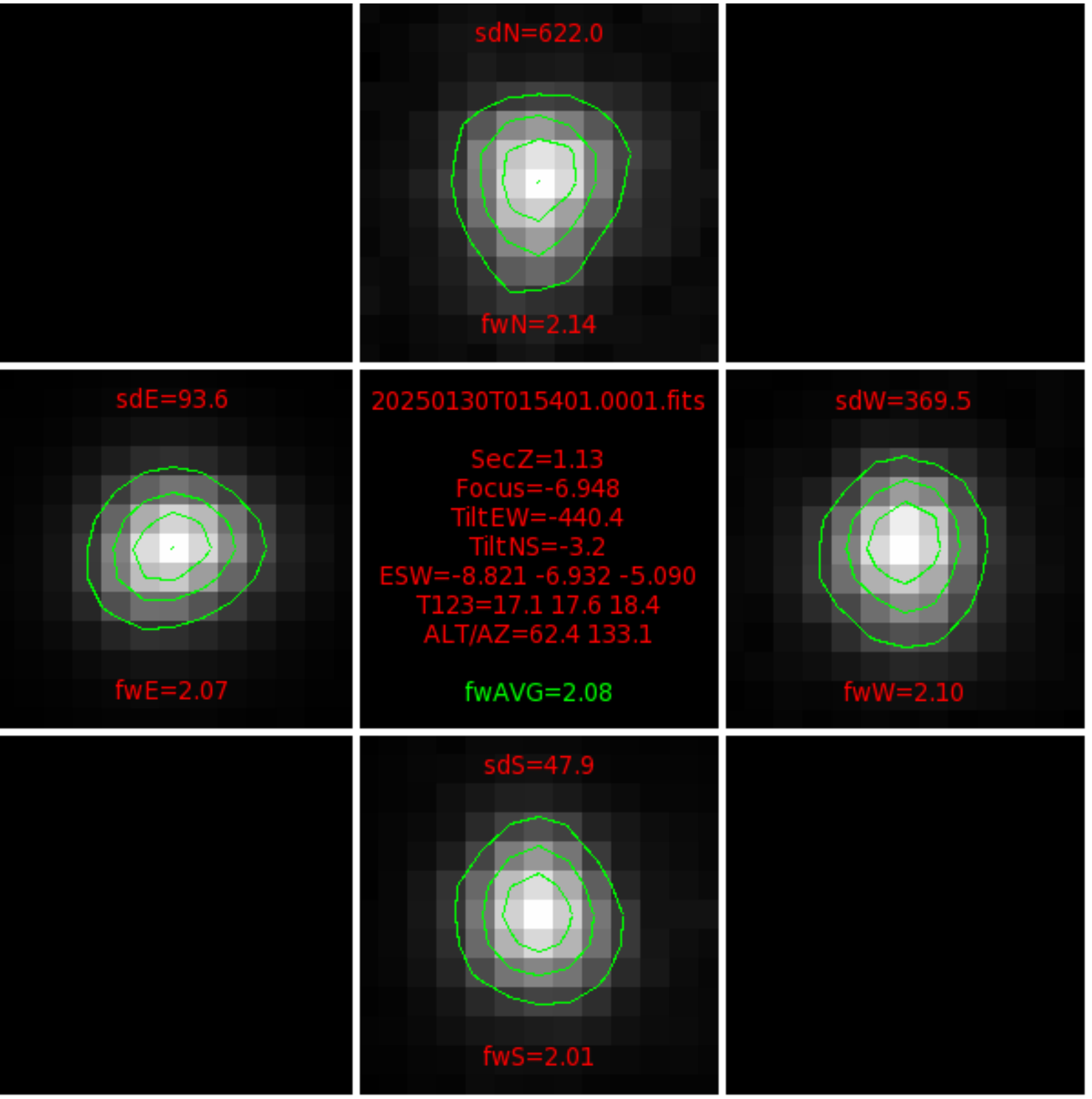

sdN=551.7
fwN=1.74
sdE=34.7
fwE=1.67
20250130T014800.0001.fits
SecZ=1.09
Focus=-6.954
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.827 -6.938 -5.096
T123=17.3 17.6 18.4
ALT/AZ=66.5 136.5
fwAVG=1.74
sdW=183.3
fwW=1.87
sdS=30.2
fwS=1.67
0 0 0 0 0 0 0 0 0


sdN=543.8
fwN=1.70
sdE=36.4
fwE=1.65
20250130T014942.0001.fits
SecZ=1.09
Focus=-6.948
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.821 -6.932 -5.090
T123=17.2 17.6 18.4
ALT/AZ=66.7 137.3
fwAVG=1.67
sdW=202.1
fwW=1.75
sdS=32.4
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=531.3
fwN=1.85
sdE=42.2
fwE=1.83
20250130T015014.0001.fits
SecZ=1.09
Focus=-6.948
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.821 -6.932 -5.090
T123=17.2 17.6 18.4
ALT/AZ=66.8 137.6
fwAVG=1.88
sdW=187.0
fwW=1.99
sdS=31.5
fwS=1.83
0 0 0 0 0 0 0 0 0


sdN=512.9
fwN=1.77
sdE=36.5
fwE=1.69
20250130T015151.0001.fits
SecZ=1.13
Focus=-6.948
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.821 -6.932 -5.090
T123=17.2 17.6 18.4
ALT/AZ=62.1 132.3
fwAVG=1.75
sdW=175.1
fwW=1.83
sdS=28.1
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=635.2
fwN=2.23
sdE=84.3
fwE=2.23
20250130T015221.0001.fits
SecZ=1.13
Focus=-6.948
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.821 -6.932 -5.090
T123=17.1 17.6 18.4
ALT/AZ=62.2 132.5
fwAVG=2.24
sdW=351.9
fwW=2.24
sdS=42.5
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=622.0
fwN=2.14
sdE=93.6
fwE=2.07
20250130T015401.0001.fits
SecZ=1.13
Focus=-6.948
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.821 -6.932 -5.090
T123=17.1 17.6 18.4
ALT/AZ=62.4 133.1
fwAVG=2.08
sdW=369.5
fwW=2.10
sdS=47.9
fwS=2.01
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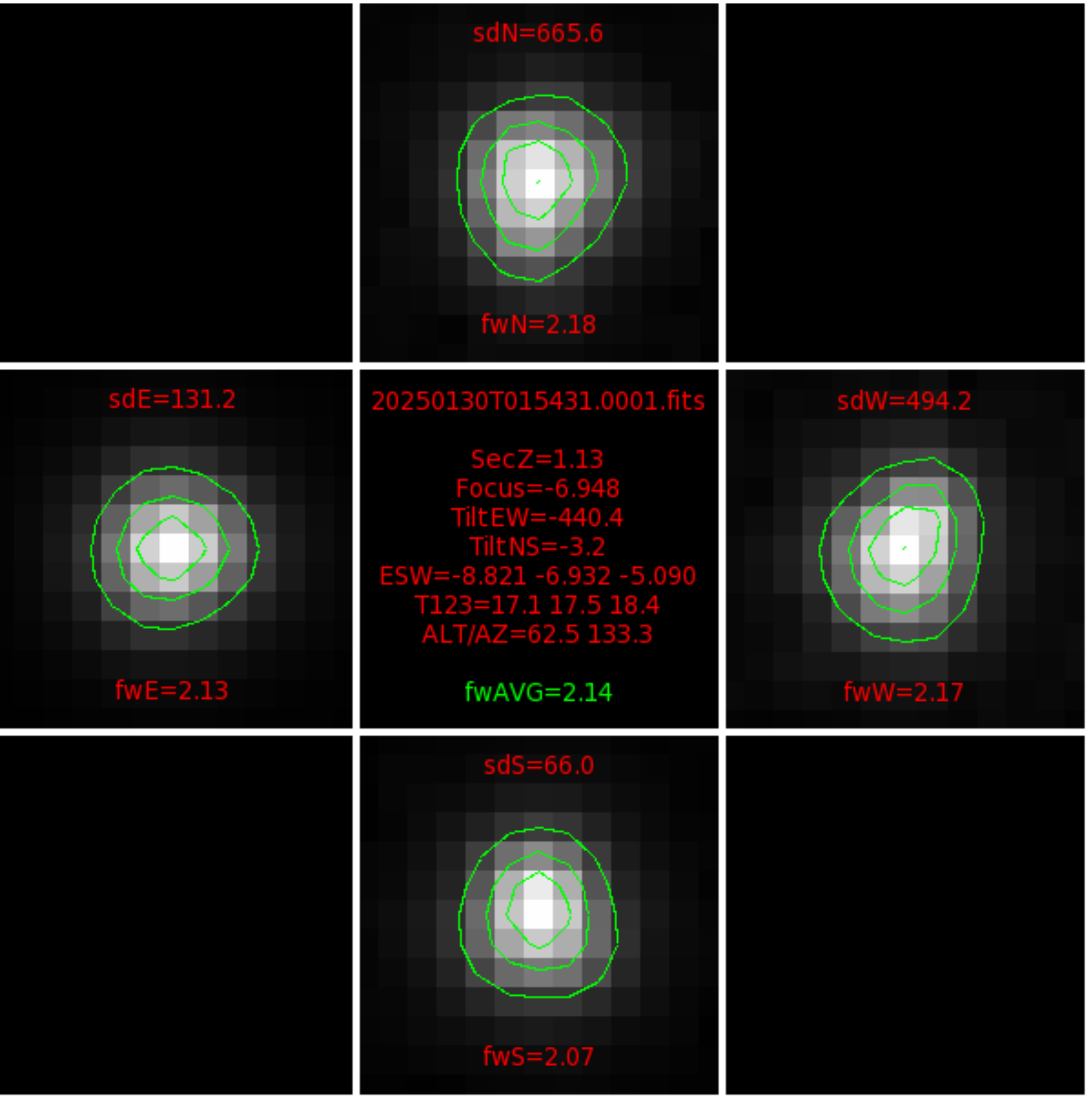
sdN=665.6
fwN=2.18
sdE=131.2
fwE=2.13
20250130T015431.0001.fits
SecZ=1.13
Focus=-6.948
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.821 -6.932 -5.090
T123=17.1 17.5 18.4
ALT/AZ=62.5 133.3
fwAVG=2.14
sdW=494.2
fwW=2.17
sdS=66.0
fwS=2.07
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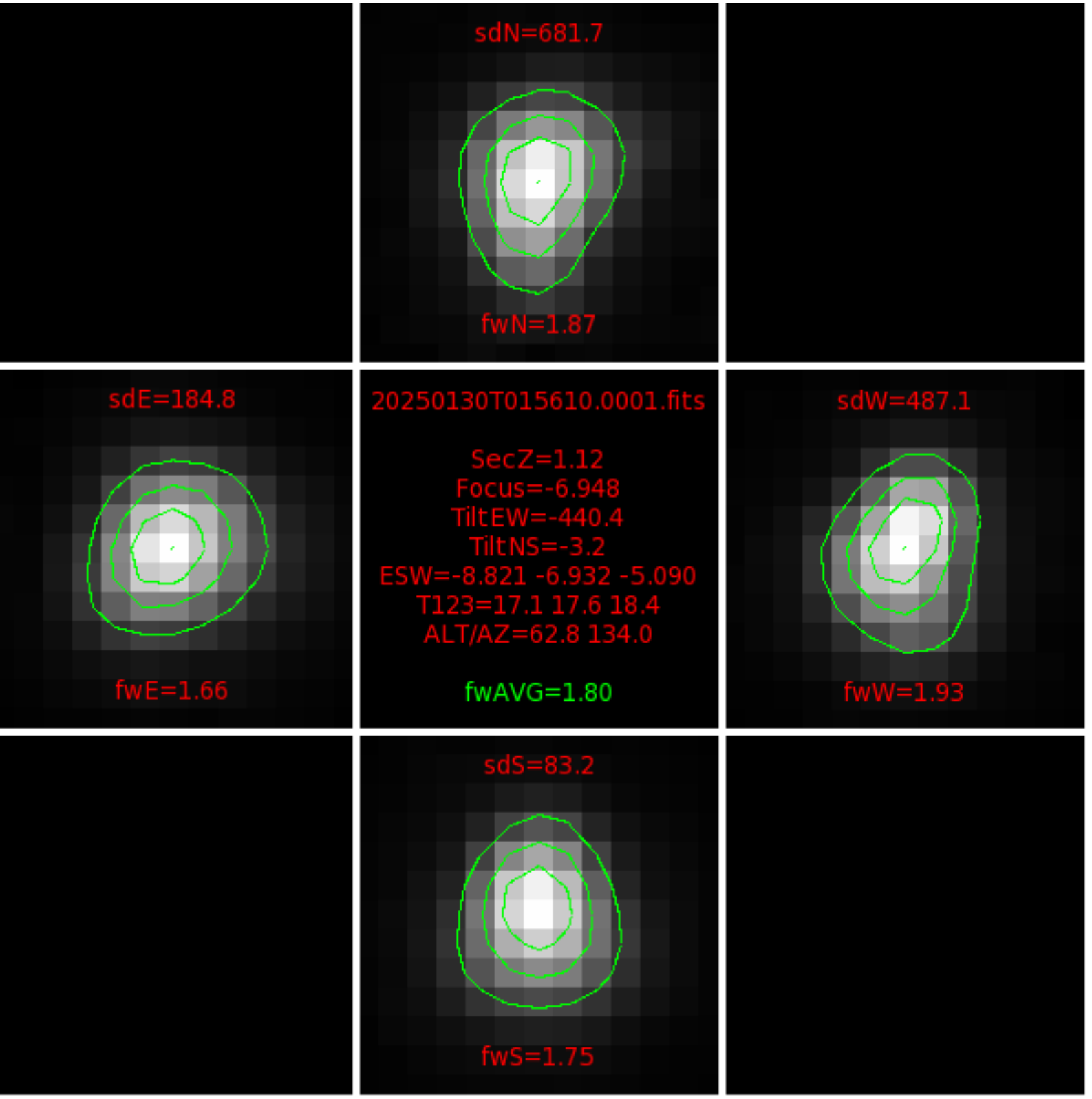
sdN=681.7
fwN=1.87
sdE=184.8
fwE=1.66
20250130T015610.0001.fits
SecZ=1.12
Focus=-6.948
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.821 -6.932 -5.090
T123=17.1 17.6 18.4
ALT/AZ=62.8 134.0
fwAVG=1.80
sdW=487.1
fwW=1.93
sdS=83.2
fwS=1.75
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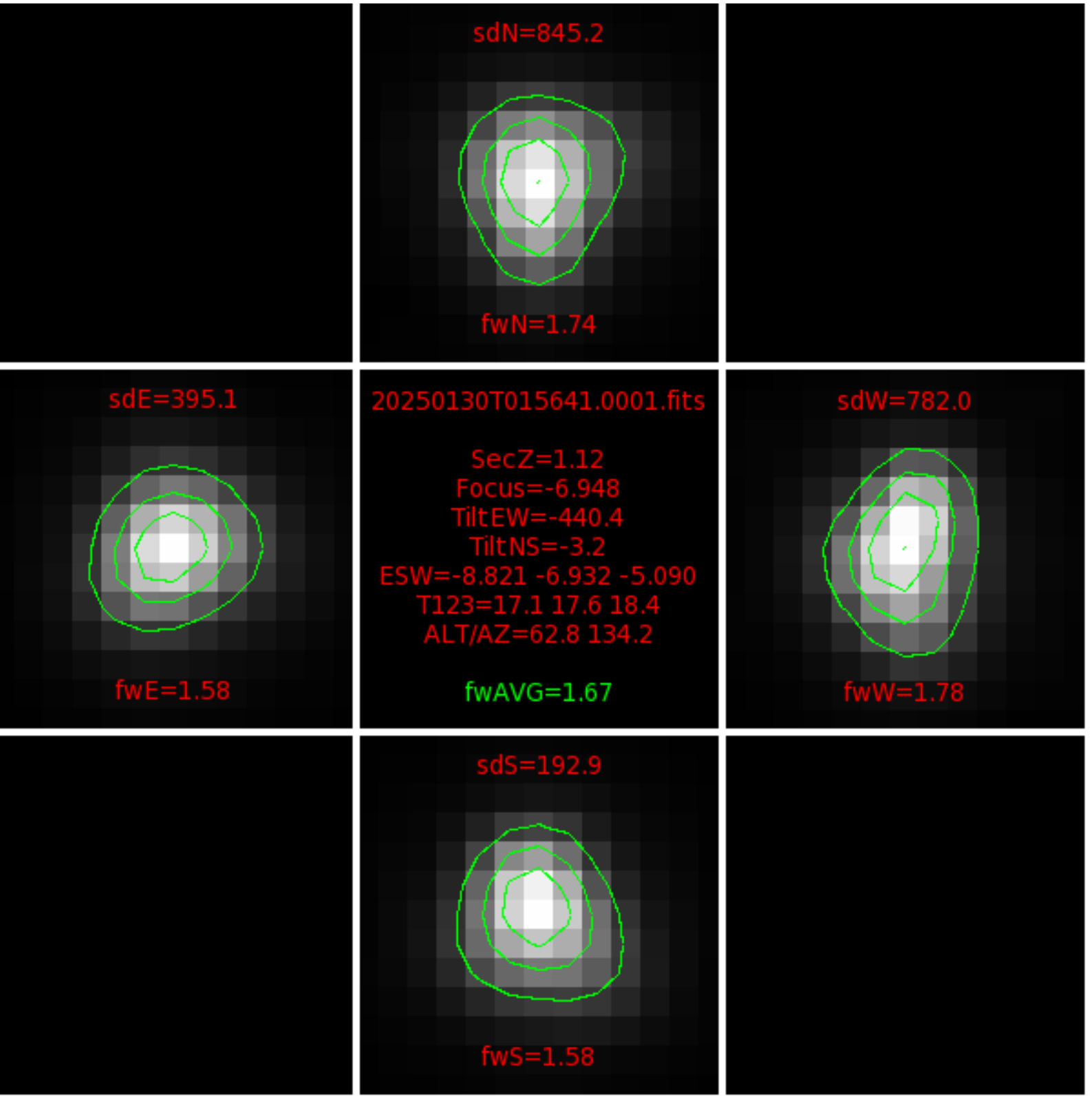
sdN=845.2
fwN=1.74
sdE=395.1
fwE=1.58
20250130T015641.0001.fits
SecZ=1.12
Focus=-6.948
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.821 -6.932 -5.090
T123=17.1 17.6 18.4
ALT/AZ=62.8 134.2
fwAVG=1.67
sdW=782.0
fwW=1.78
sdS=192.9
fwS=1.58
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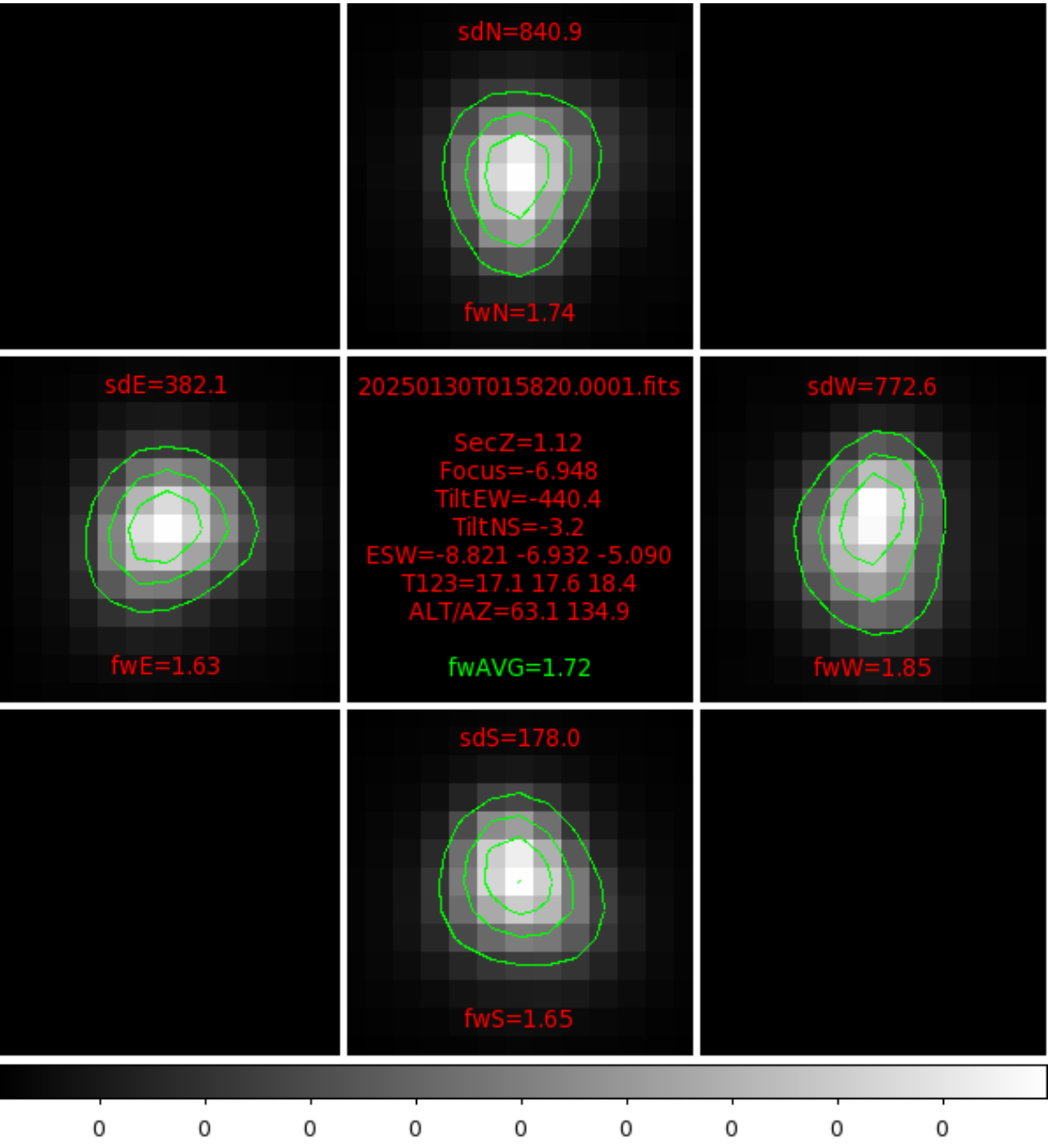
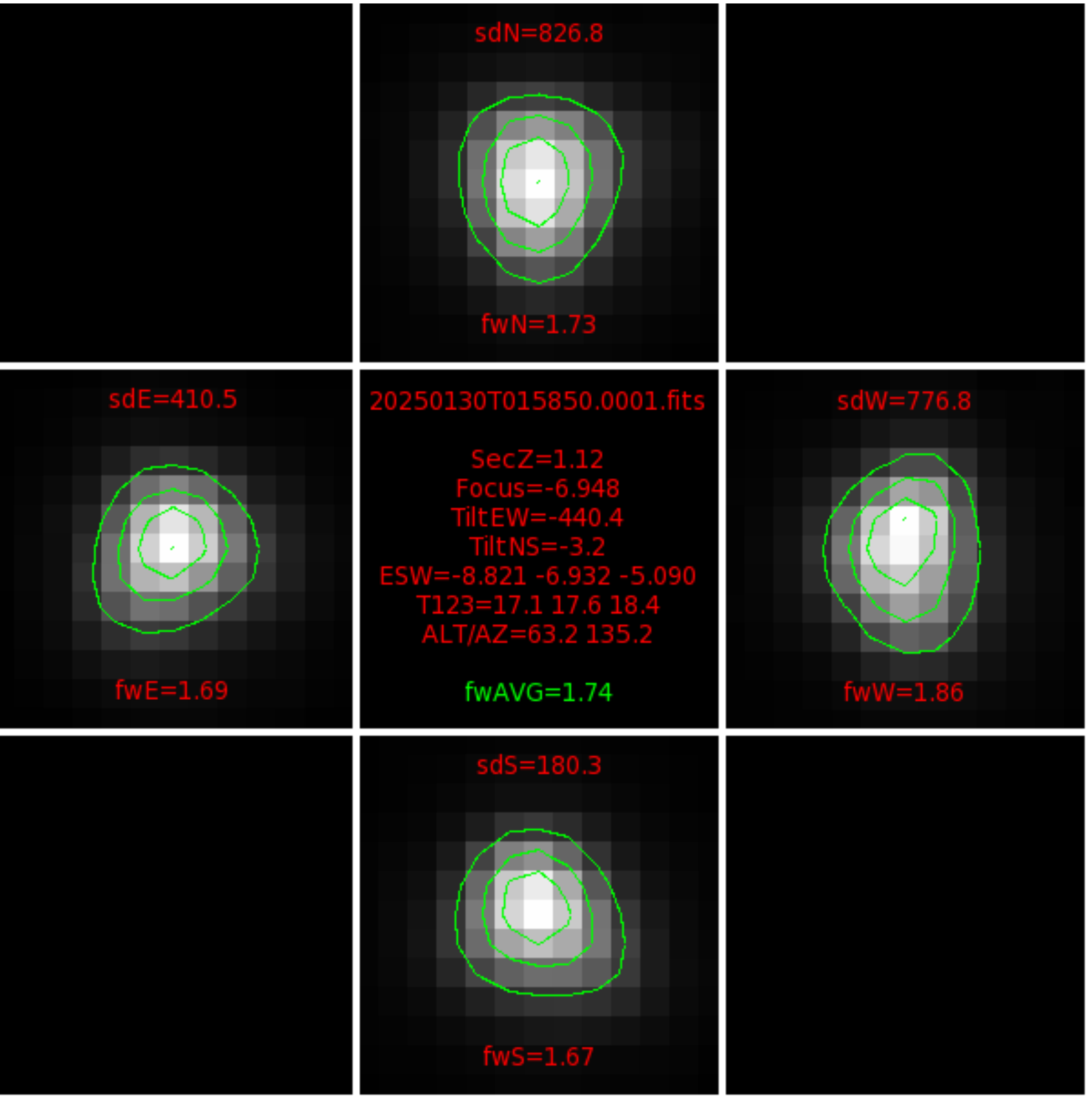
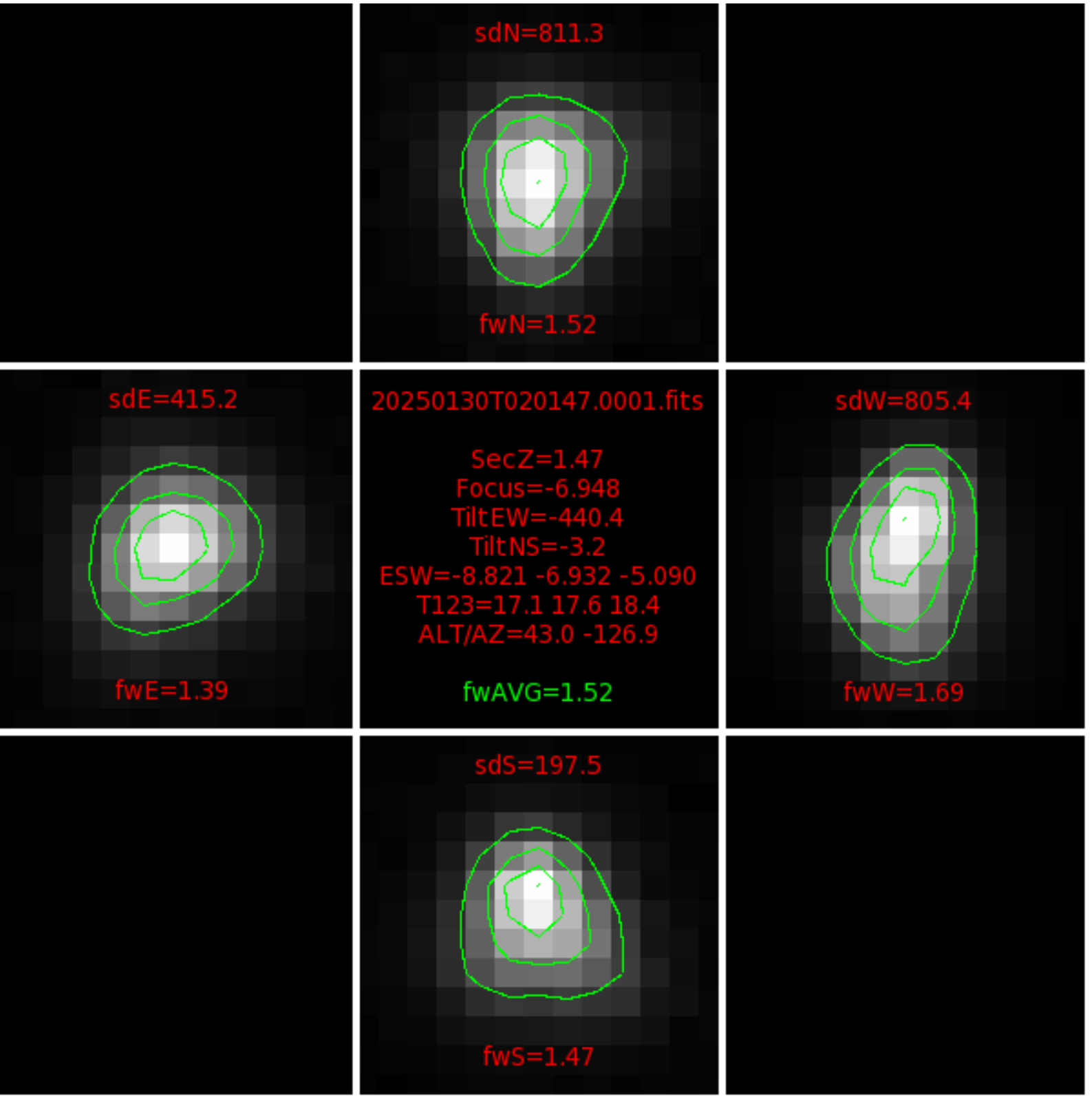
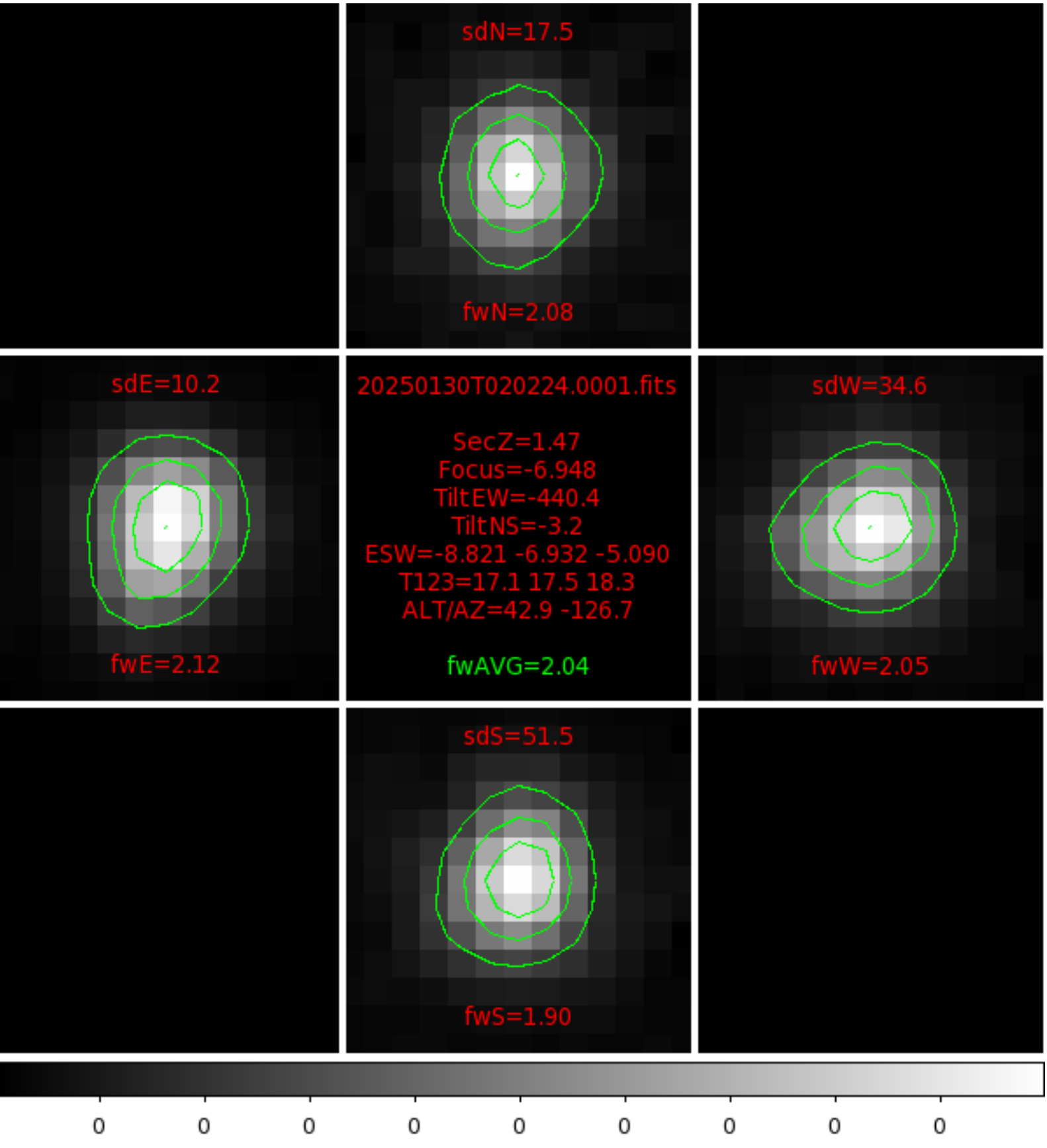
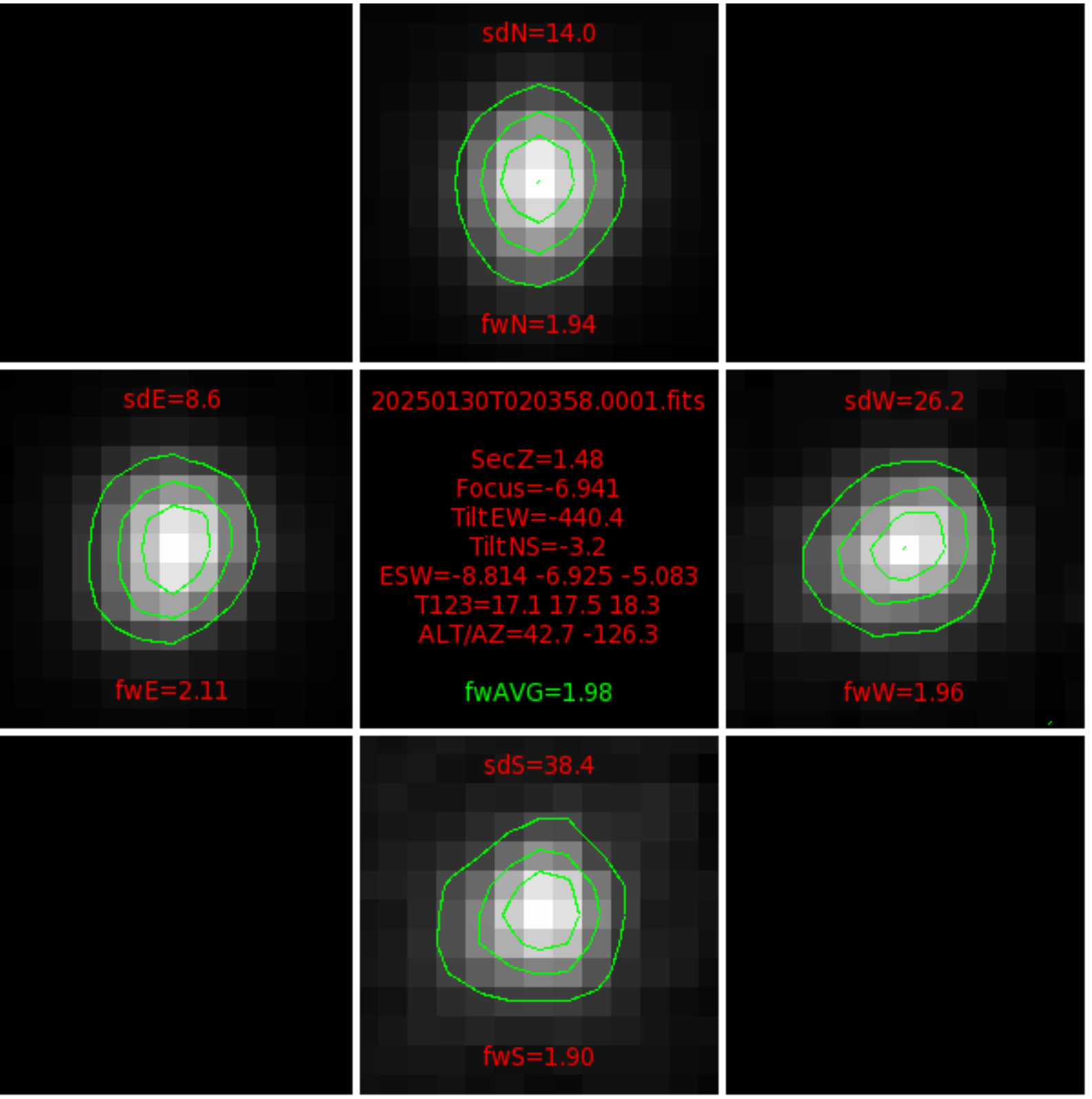
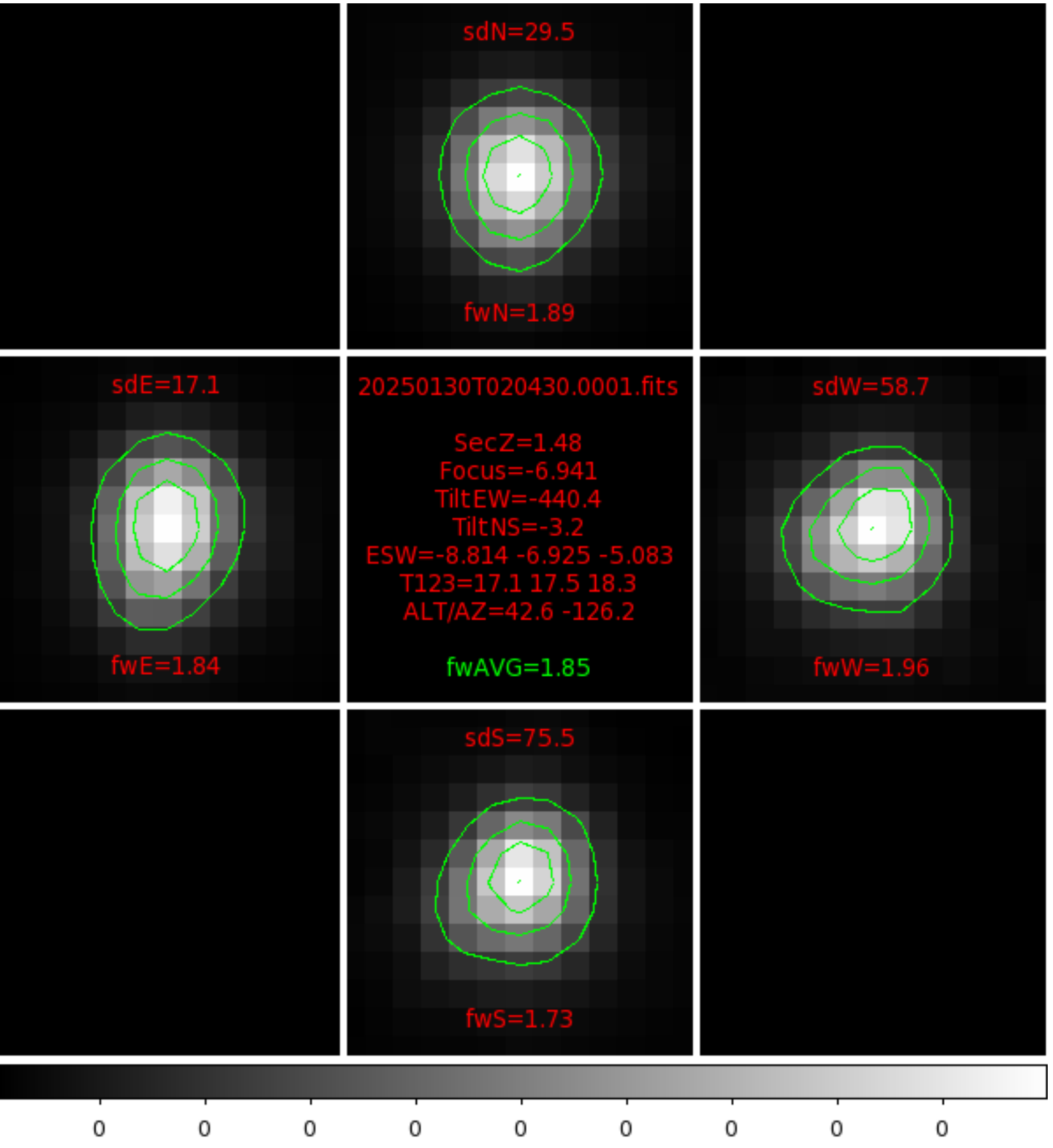

sdN=840.9
fwN=1.74
sdE=382.1
fwE=1.63
20250130T015820.0001.fits
SecZ=1.12
Focus=-6.948
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.821 -6.932 -5.090
T123=17.1 17.6 18.4
ALT/AZ=63.1 134.9
fwAVG=1.72
sdW=772.6
fwW=1.85
sdS=178.0
fwS=1.65
0 0 0 0 0 0 0 0 0

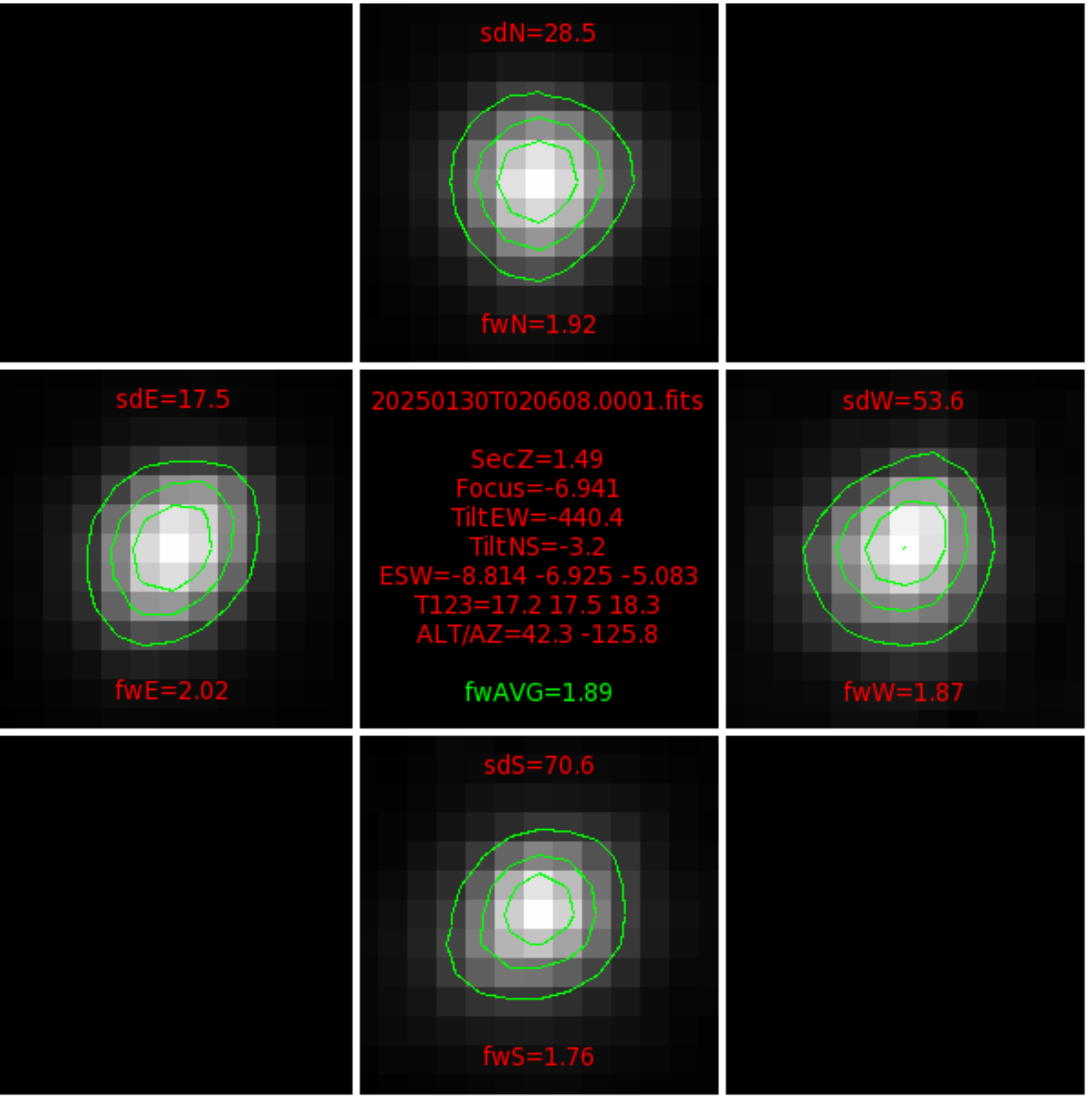

sdN=826.8
fwN=1.73
sdE=410.5
fwE=1.69
20250130T015850.0001.fits
SecZ=1.12
Focus=-6.948
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.821 -6.932 -5.090
T123=17.1 17.6 18.4
ALT/AZ=63.2 135.2
fwAVG=1.74
sdW=776.8
fwW=1.86
sdS=180.3
fwS=1.67
0 0 0 0 0 0 0 0 0

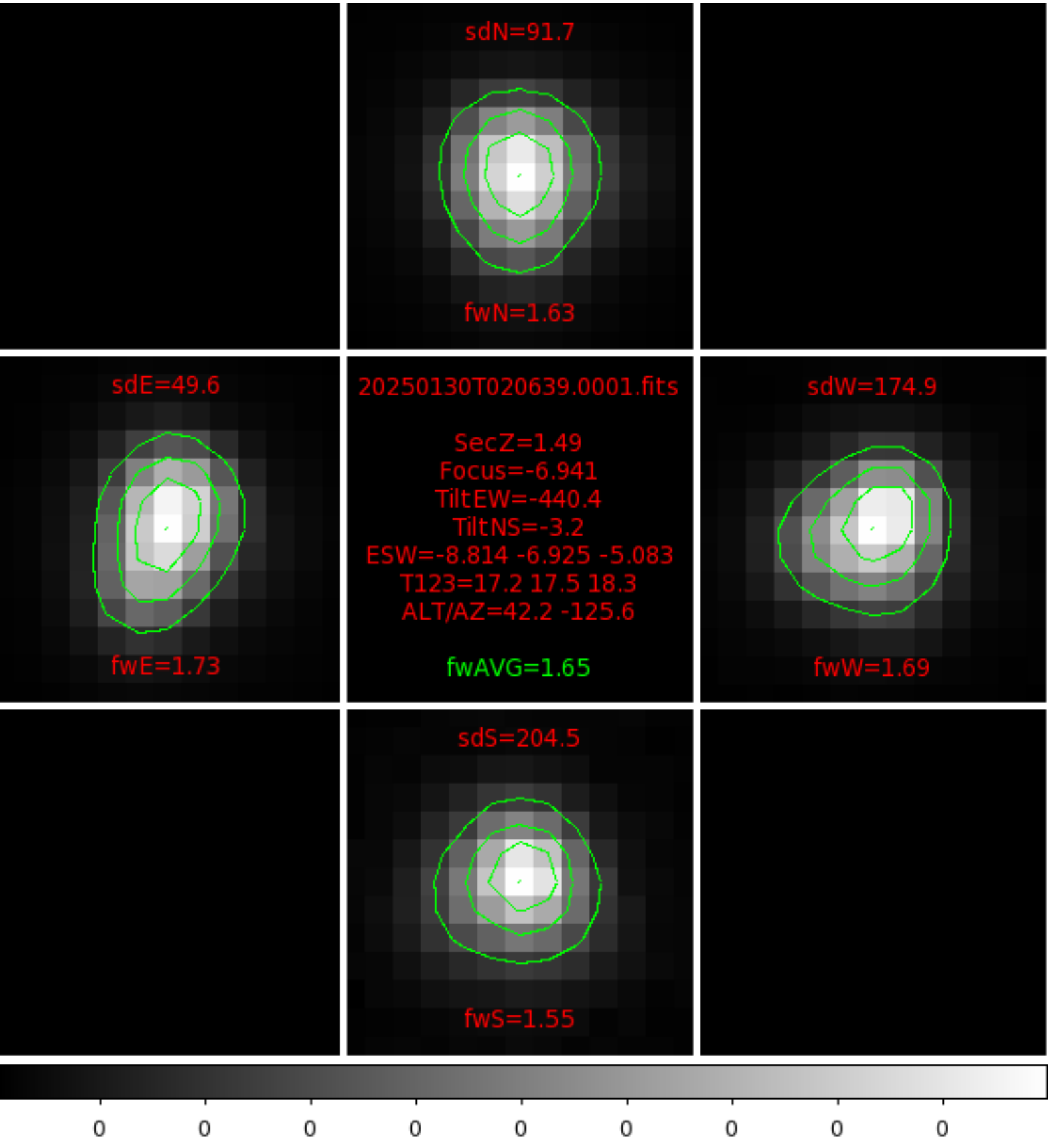

sdN=811.3
fwN=1.52
sdE=415.2
fwE=1.39
20250130T020147.0001.fits
SecZ=1.47
Focus=-6.948
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.821 -6.932 -5.090
T123=17.1 17.6 18.4
ALT/AZ=43.0 -126.9
fwAVG=1.52
sdW=805.4
fwW=1.69
sdS=197.5
fwS=1.47
0 0 0 0 0 0 0 0 0

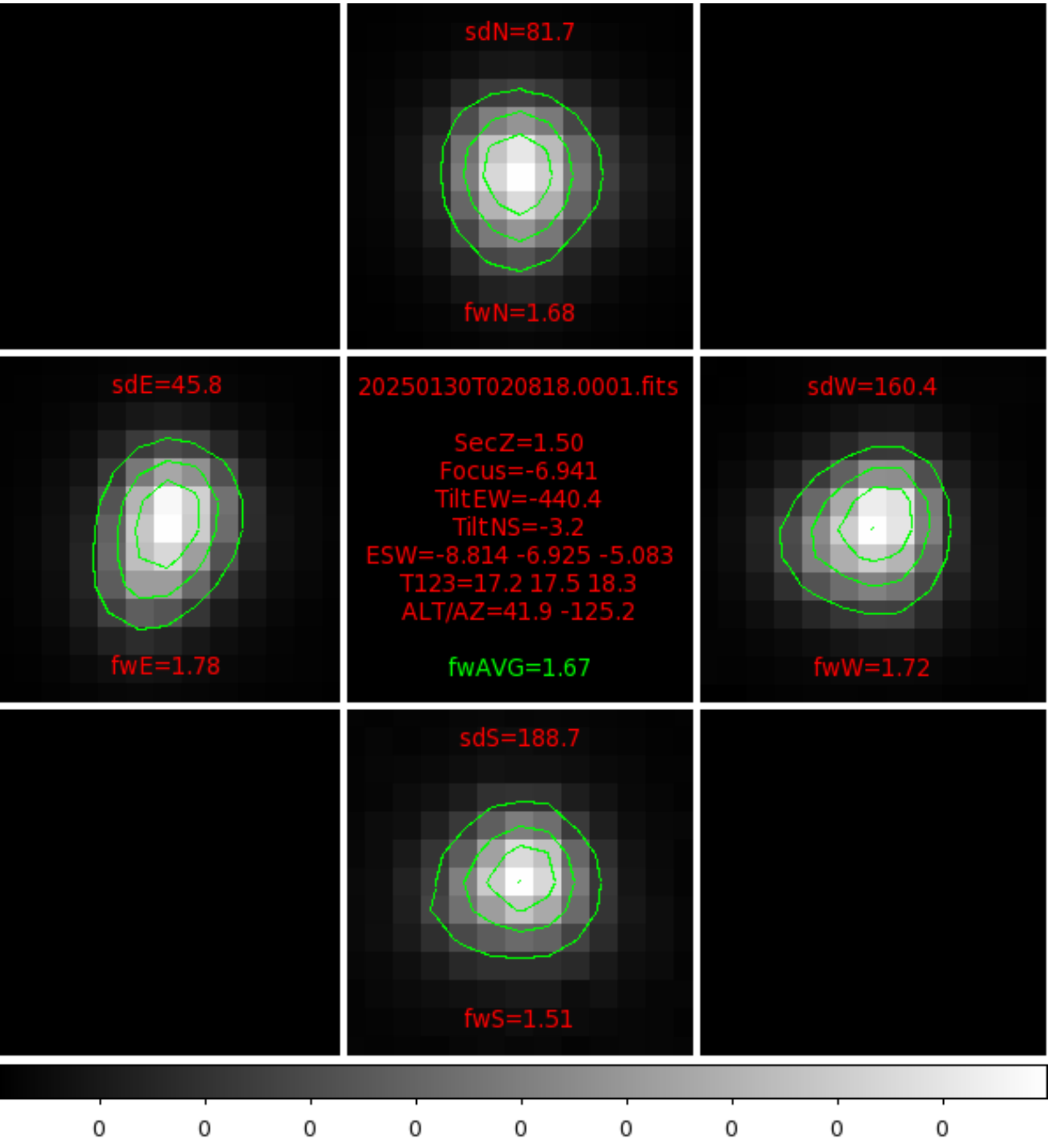

sdN=17.5
fwN=2.08
sdE=10.2
fwE=2.12
20250130T020224.0001.fits
SecZ=1.47
Focus=-6.948
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.821 -6.932 -5.090
T123=17.1 17.5 18.3
ALT/AZ=42.9 -126.7
fwAVG=2.04
sdW=34.6
fwW=2.05
sdS=51.5
fwS=1.90
0 0 0 0 0 0 0 0 0

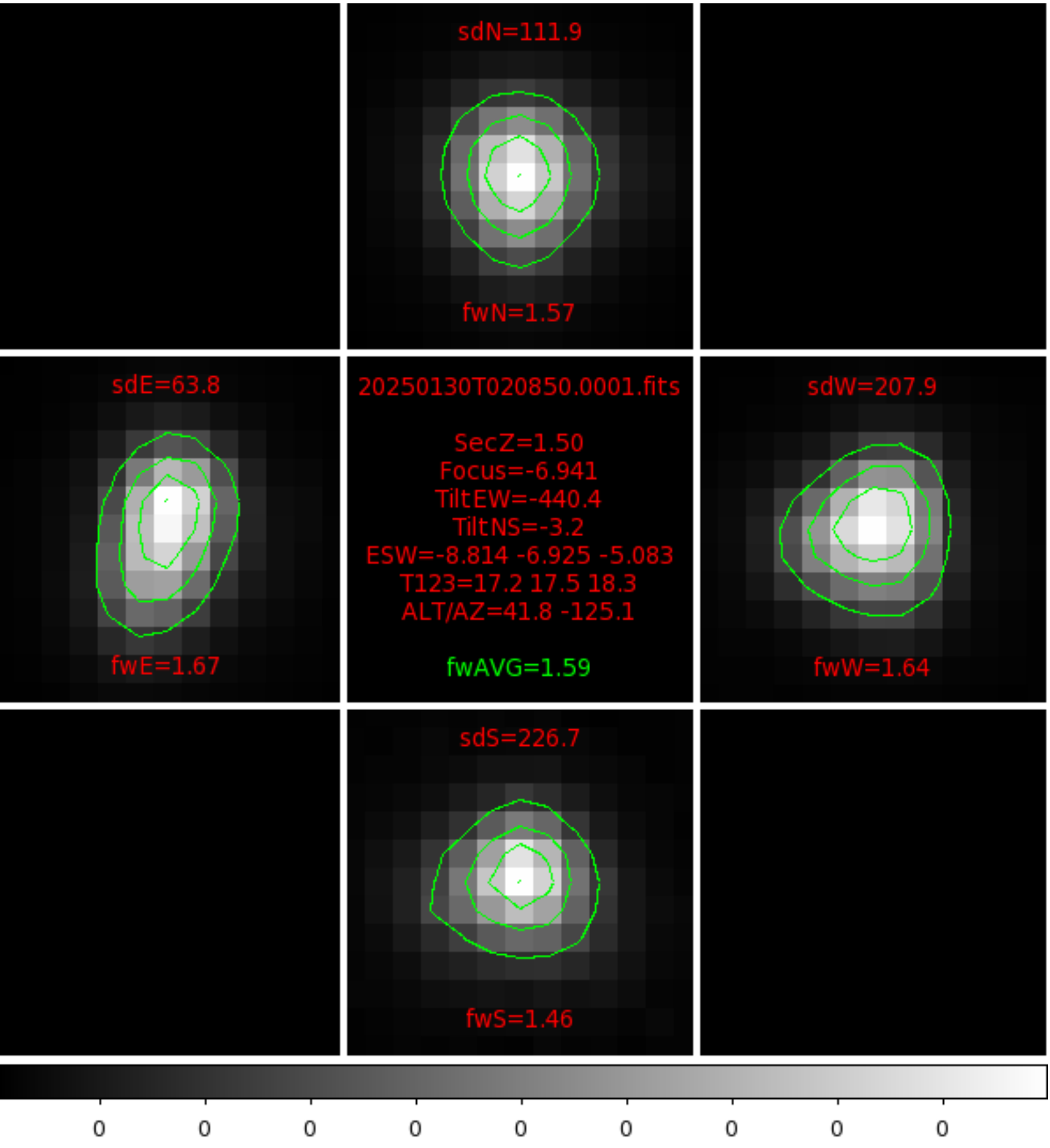

sdN=14.0
fwN=1.94
sdE=8.6
fwE=2.11
20250130T020358.0001.fits
SecZ=1.48
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.1 17.5 18.3
ALT/AZ=42.7 -126.3
fwAVG=1.98
sdW=26.2
fwW=1.96
sdS=38.4
fwS=1.90
0 0 0 0 0 0 0 0 0

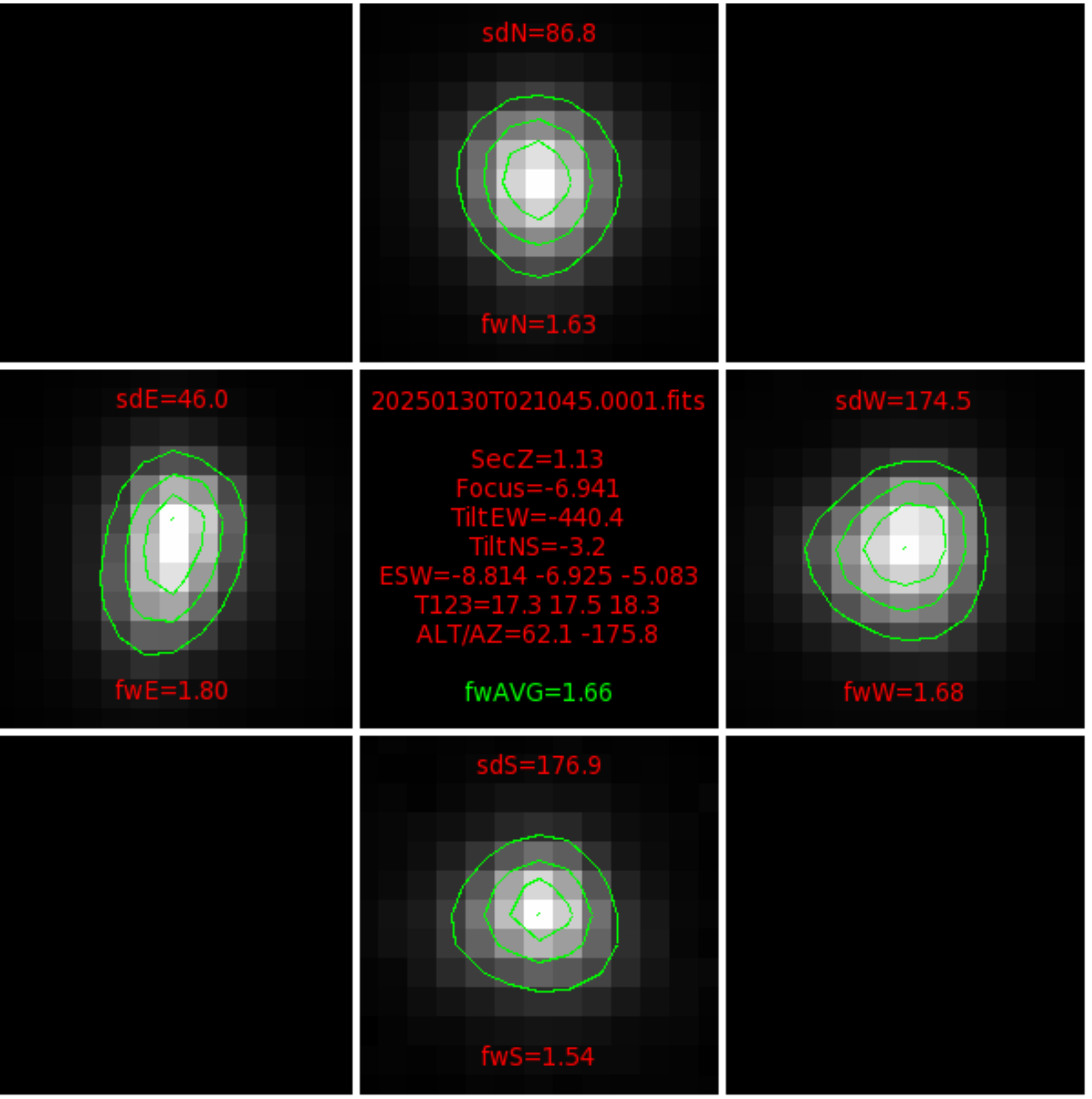

sdN=29.5
fwN=1.89
sdE=17.1
fwE=1.84
20250130T020430.0001.fits
SecZ=1.48
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.1 17.5 18.3
ALT/AZ=42.6 -126.2
fwAVG=1.85
sdW=58.7
fwW=1.96
sdS=75.5
fwS=1.73
0 0 0 0 0 0 0 0 0

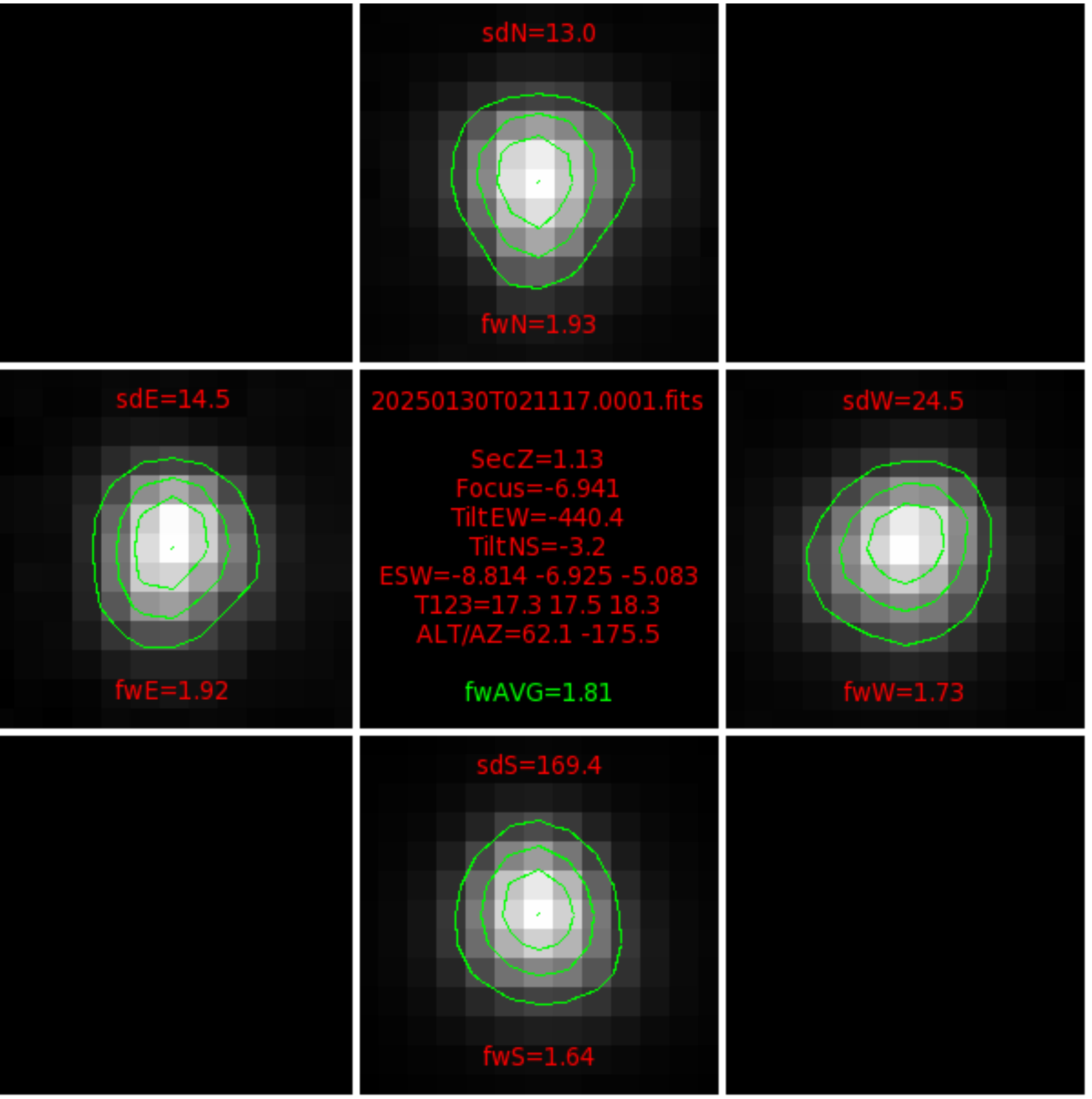

sdN=28.5
fwN=1.92
sdE=17.5
fwE=2.02
20250130T020608.0001.fits
SecZ=1.49
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.2 17.5 18.3
ALT/AZ=42.3 -125.8
fwAVG=1.89
sdW=53.6
fwW=1.87
sdS=70.6
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=91.7
fwN=1.63
sdE=49.6
fwE=1.73
20250130T020639.0001.fits
SecZ=1.49
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.2 17.5 18.3
ALT/AZ=42.2 -125.6
fwAVG=1.65
sdW=174.9
fwW=1.69
sdS=204.5
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=81.7
fwN=1.68
sdE=45.8
fwE=1.78
20250130T020818.0001.fits
SecZ=1.50
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.2 17.5 18.3
ALT/AZ=41.9 -125.2
fwAVG=1.67
sdW=160.4
fwW=1.72
sdS=188.7
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=111.9
fwN=1.57
sdE=63.8
fwE=1.67
20250130T020850.0001.fits
SecZ=1.50
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.2 17.5 18.3
ALT/AZ=41.8 -125.1
fwAVG=1.59
sdW=207.9
fwW=1.64
sdS=226.7
fwS=1.46
0 0 0 0 0 0 0 0 0


sdN=86.8
fwN=1.63
sdE=46.0
fwE=1.80
20250130T021045.0001.fits
SecZ=1.13
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.3 17.5 18.3
ALT/AZ=62.1 -175.8
fwAVG=1.66
sdW=174.5
fwW=1.68
sdS=176.9
fwS=1.54
0 0 0 0 0 0 0 0 0


sdN=13.0
fwN=1.93
sdE=14.5
fwE=1.92
20250130T021117.0001.fits
SecZ=1.13
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.3 17.5 18.3
ALT/AZ=62.1 -175.5
fwAVG=1.81
sdW=24.5
fwW=1.73
sdS=169.4
fwS=1.64
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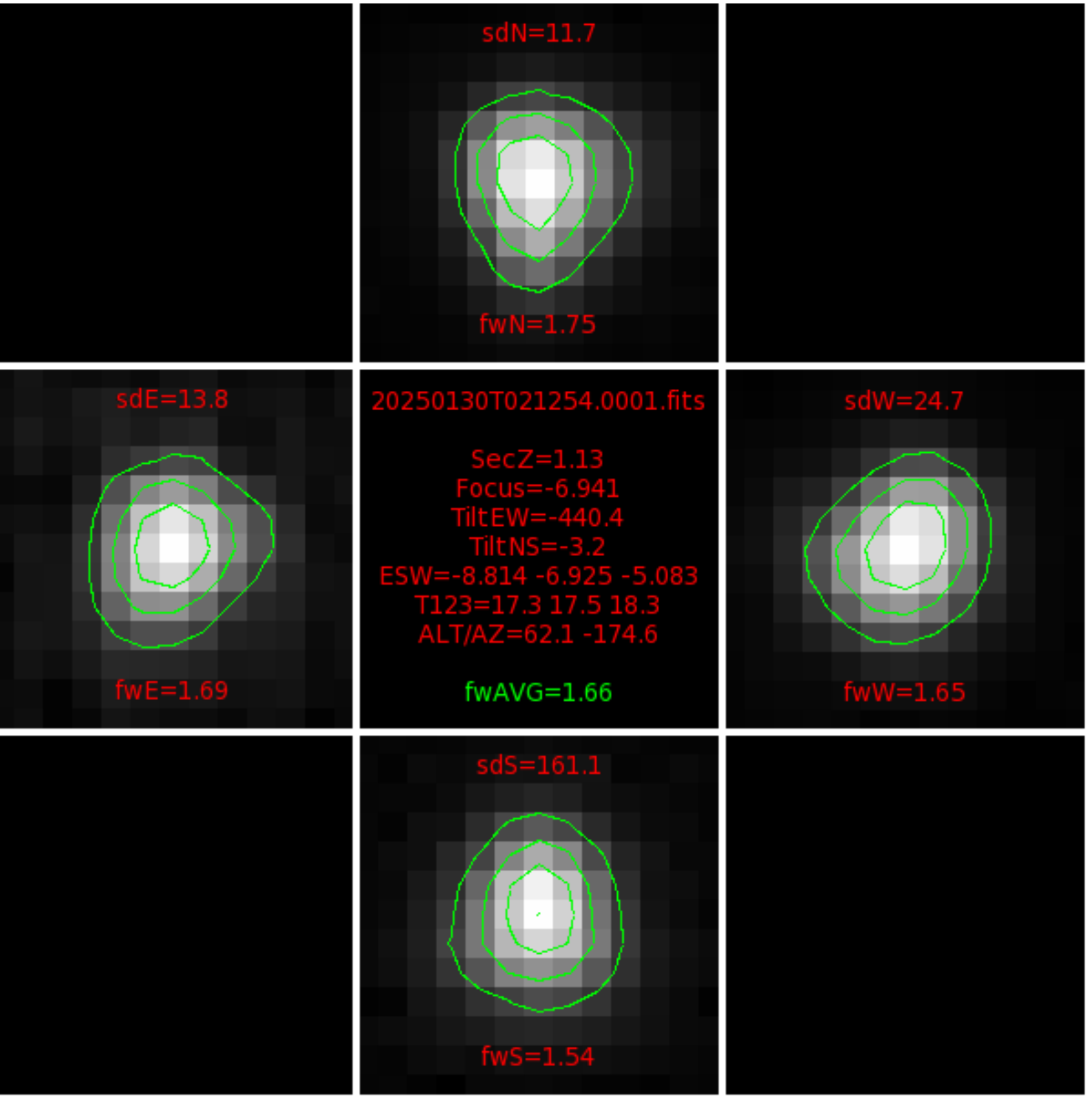
sdN=11.7
fwN=1.75
sdE=13.8
fwE=1.69
20250130T021254.0001.fits
SecZ=1.13
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.3 17.5 18.3
ALT/AZ=62.1 -174.6
fwAVG=1.66
sdW=24.7
fwW=1.65
sdS=161.1
fwS=1.54
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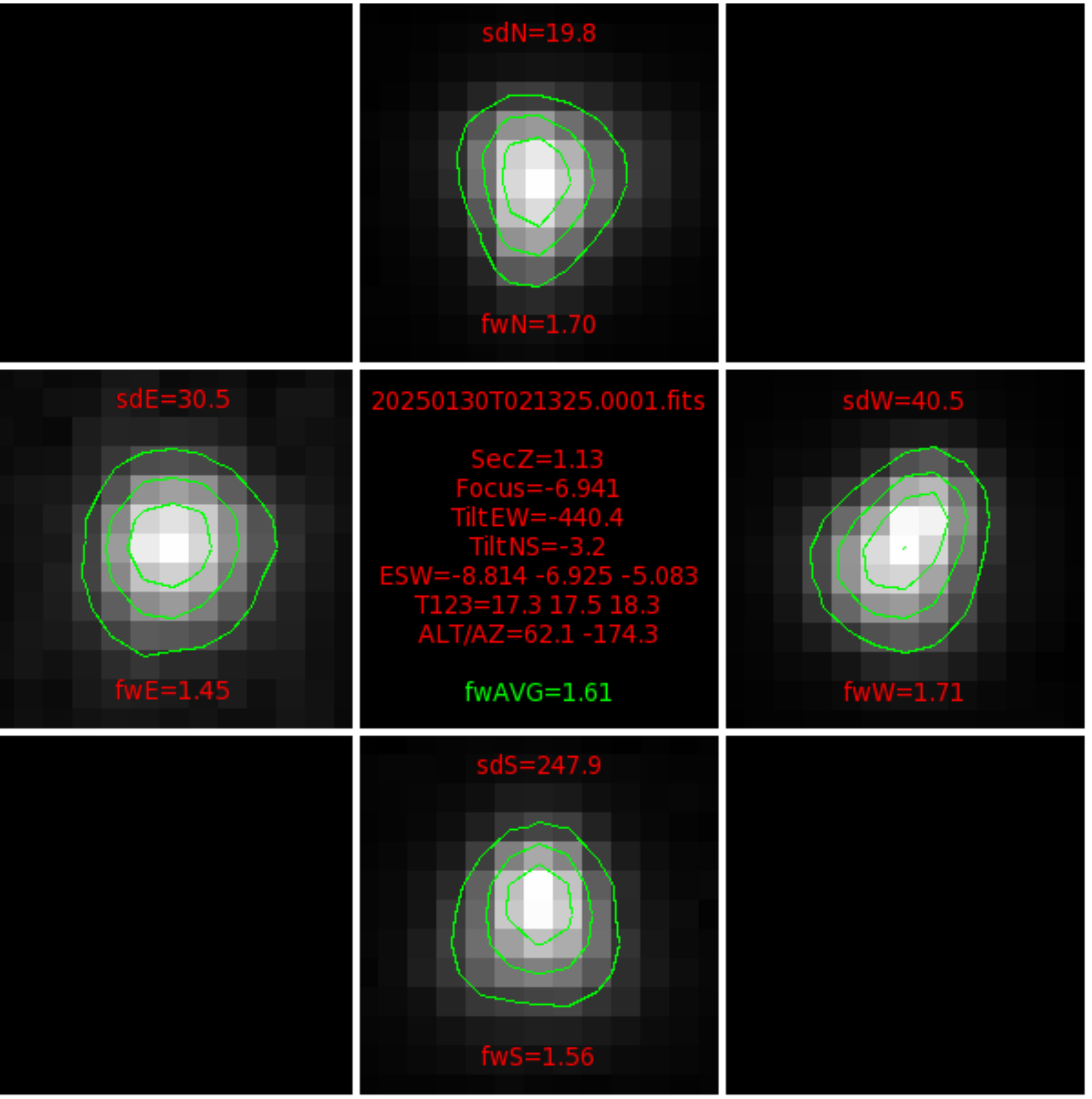
sdN=19.8
fwN=1.70
sdE=30.5
fwE=1.45
20250130T021325.0001.fits
SecZ=1.13
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.3 17.5 18.3
ALT/AZ=62.1 -174.3
fwAVG=1.61
sdW=40.5
fwW=1.71
sdS=247.9
fwS=1.56
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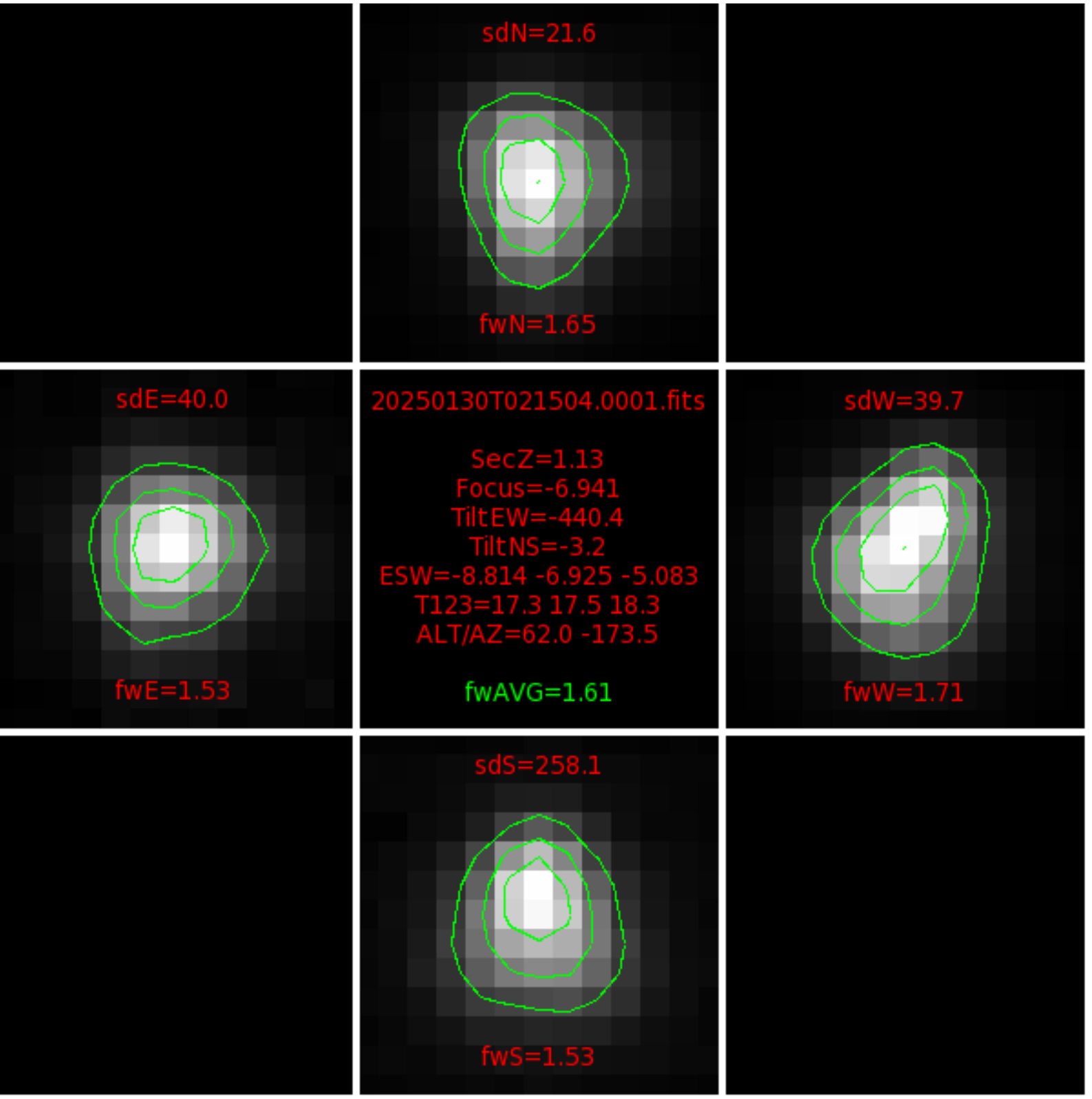
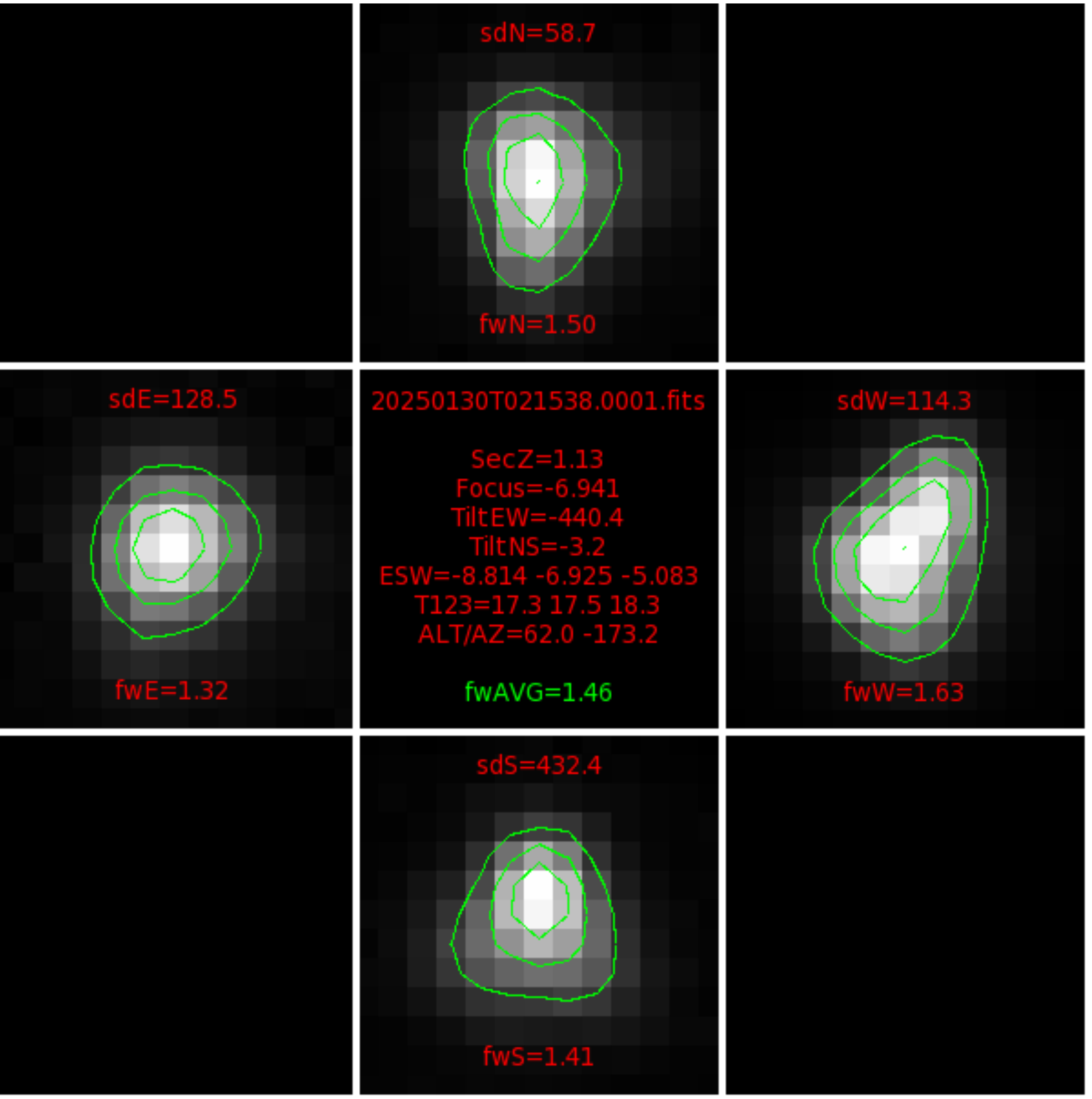

sdN=21.6
fwN=1.65
sdE=40.0
fwE=1.53
20250130T021504.0001.fits
SecZ=1.13
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.3 17.5 18.3
ALT/AZ=62.0 -173.5
fwAVG=1.61
sdW=39.7
fwW=1.71
sdS=258.1
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=58.7
fwN=1.50
sdE=128.5
fwE=1.32
20250130T021538.0001.fits
SecZ=1.13
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.3 17.5 18.3
ALT/AZ=62.0 -173.2
fwAVG=1.46
sdW=114.3
fwW=1.63
sdS=432.4
fwS=1.41
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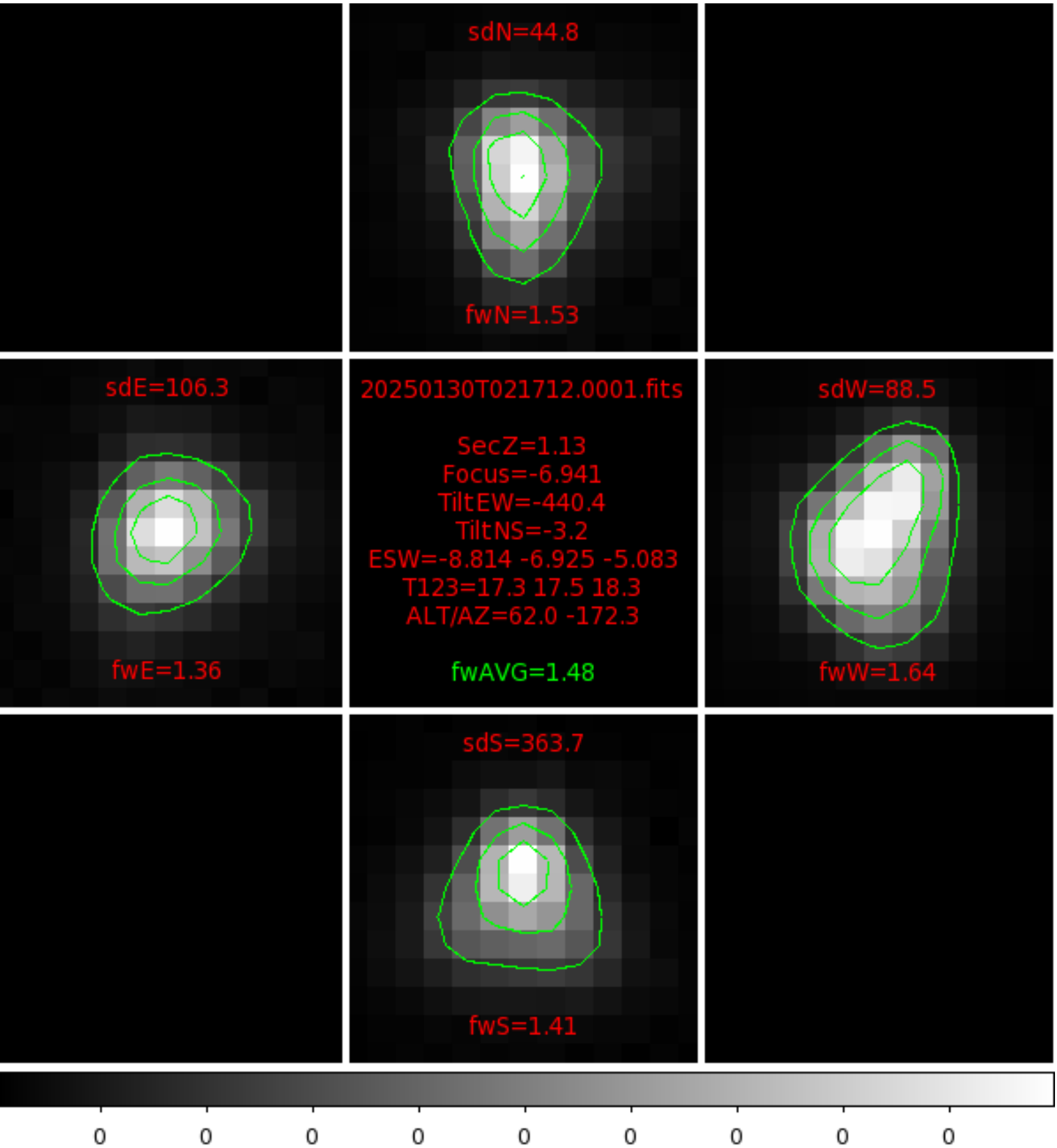
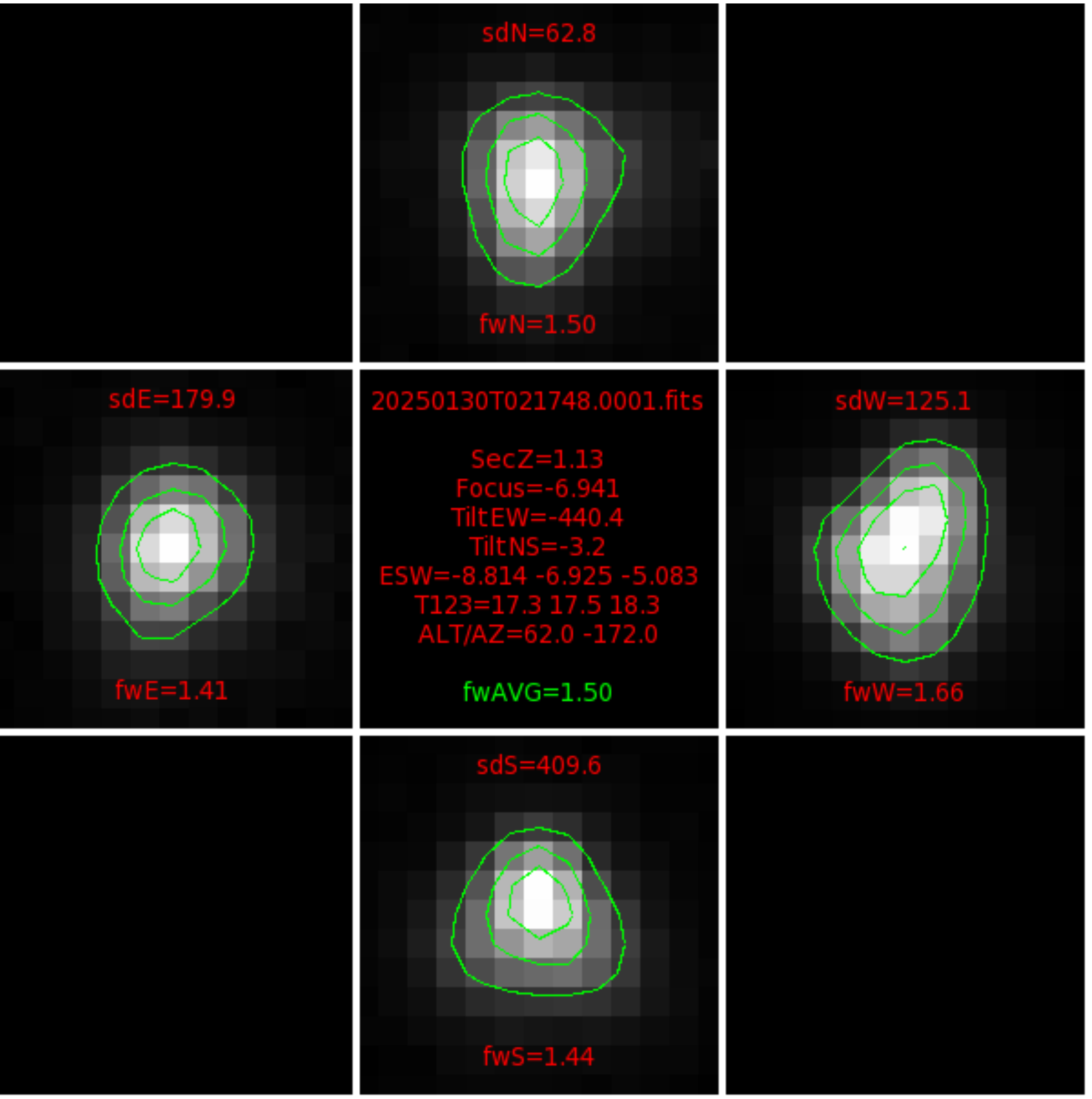

sdN=44.8
fwN=1.53
sdE=106.3
fwE=1.36
20250130T021712.0001.fits
SecZ=1.13
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.3 17.5 18.3
ALT/AZ=62.0 -172.3
fwAVG=1.48
sdW=88.5
fwW=1.64
sdS=363.7
fwS=1.41
0 0 0 0 0 0 0 0 0


sdN=62.8
fwN=1.50
sdE=179.9
fwE=1.41
20250130T021748.0001.fits
SecZ=1.13
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.3 17.5 18.3
ALT/AZ=62.0 -172.0
fwAVG=1.50
sdW=125.1
fwW=1.66
sdS=409.6
fwS=1.44
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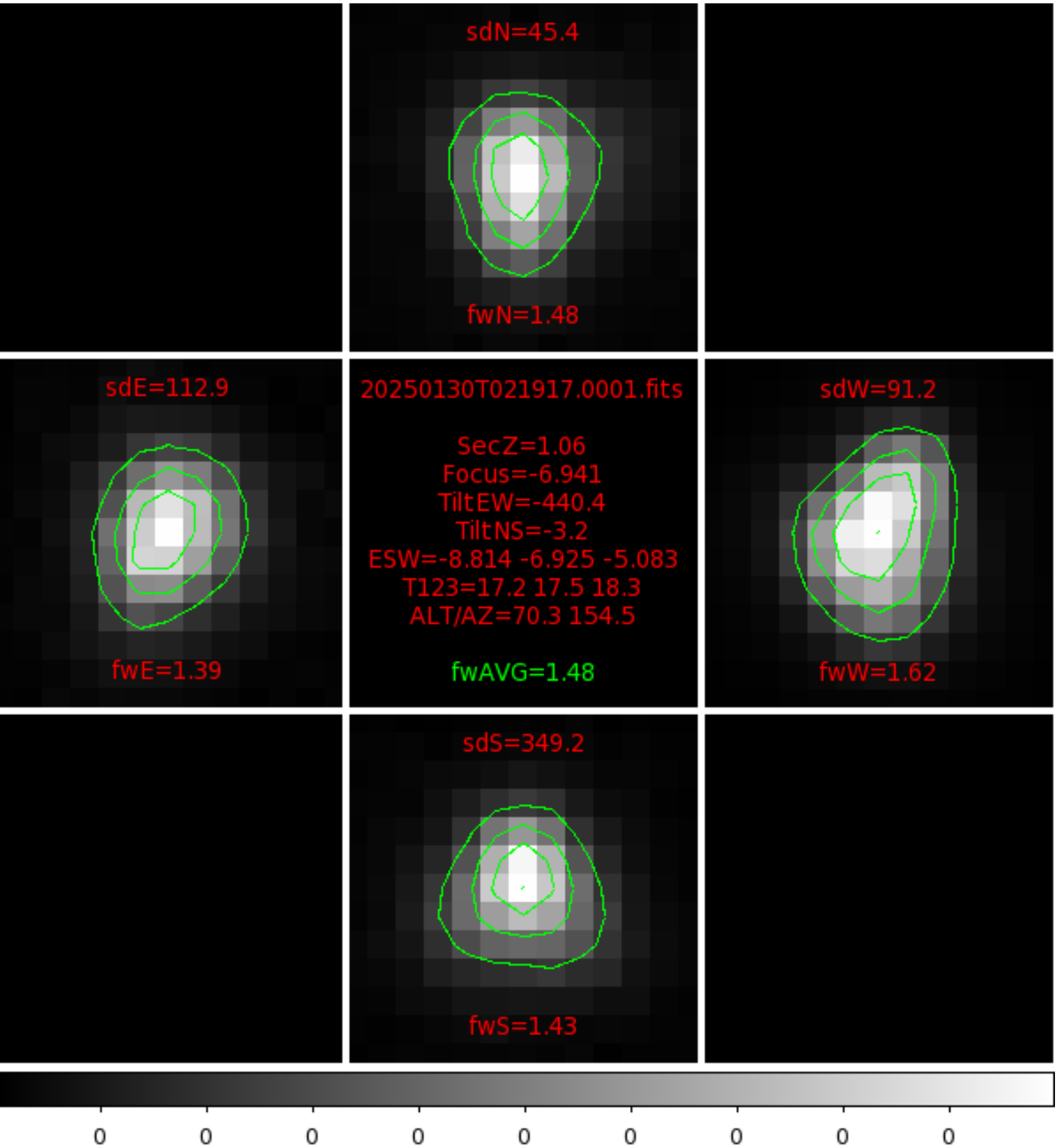
sdN=45.4
fwN=1.48
sdE=112.9
fwE=1.39
20250130T021917.0001.fits
SecZ=1.06
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.2 17.5 18.3
ALT/AZ=70.3 154.5
fwAVG=1.48
sdW=91.2
fwW=1.62
sdS=349.2
fwS=1.43
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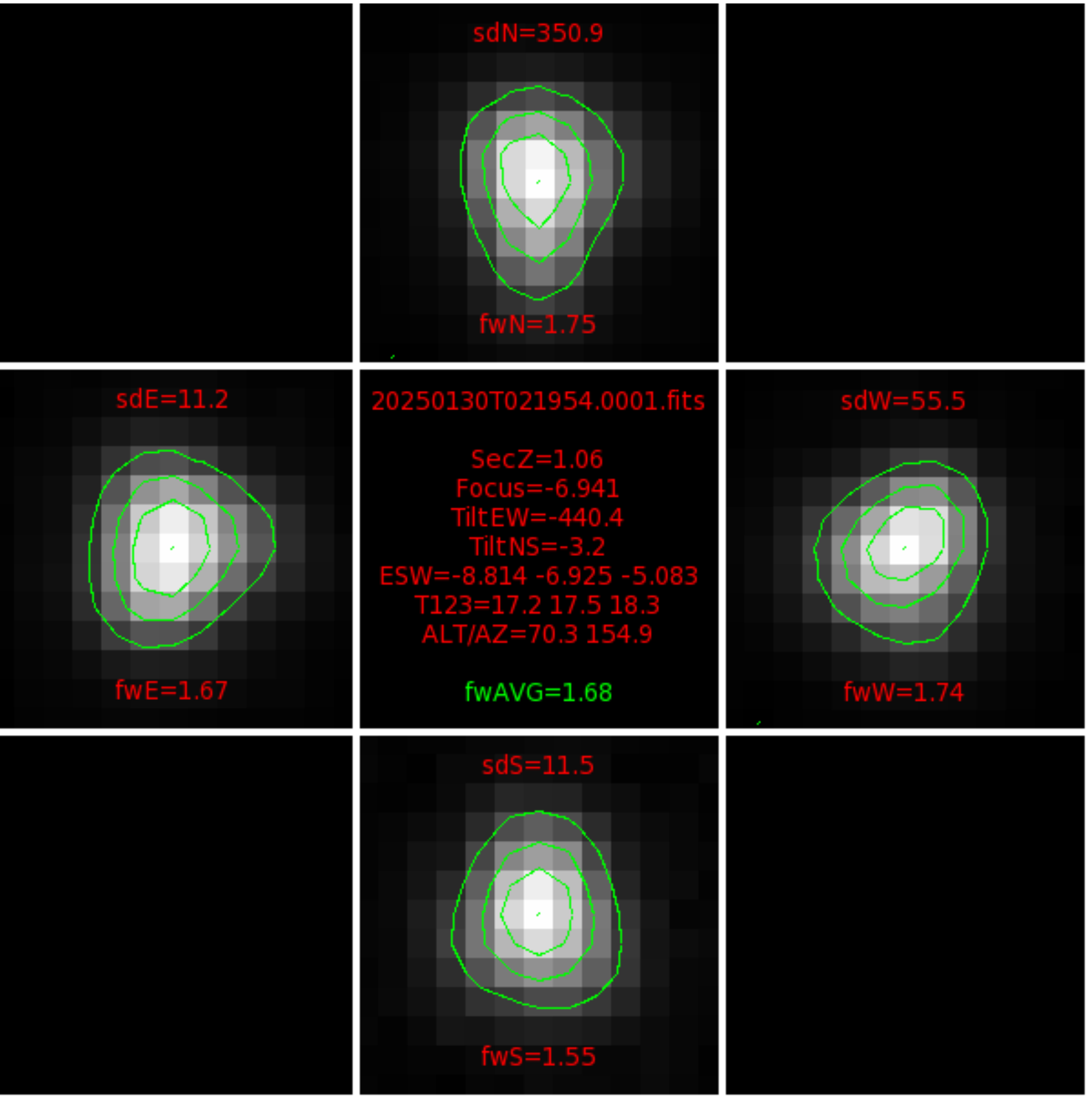
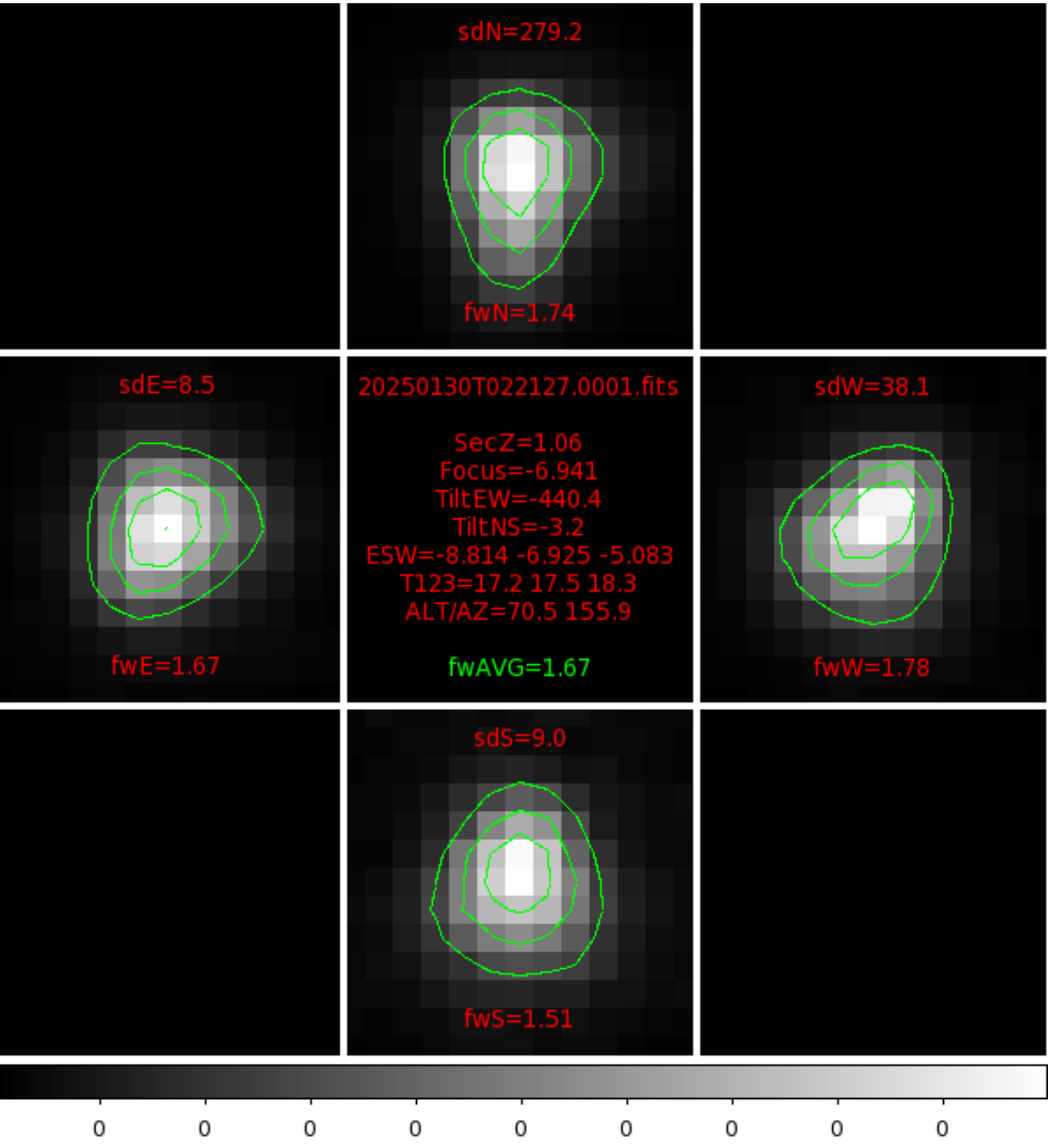

sdN=350.9
fwN=1.75
sdE=11.2
fwE=1.67
20250130T021954.0001.fits
SecZ=1.06
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.2 17.5 18.3
ALT/AZ=70.3 154.9
fwAVG=1.68
sdW=55.5
fwW=1.74
sdS=11.5
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=279.2
fwN=1.74
sdE=8.5
fwE=1.67
20250130T022127.0001.fits
SecZ=1.06
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.2 17.5 18.3
ALT/AZ=70.5 155.9
fwAVG=1.67
sdW=38.1
fwW=1.78
sdS=9.0
fwS=1.51
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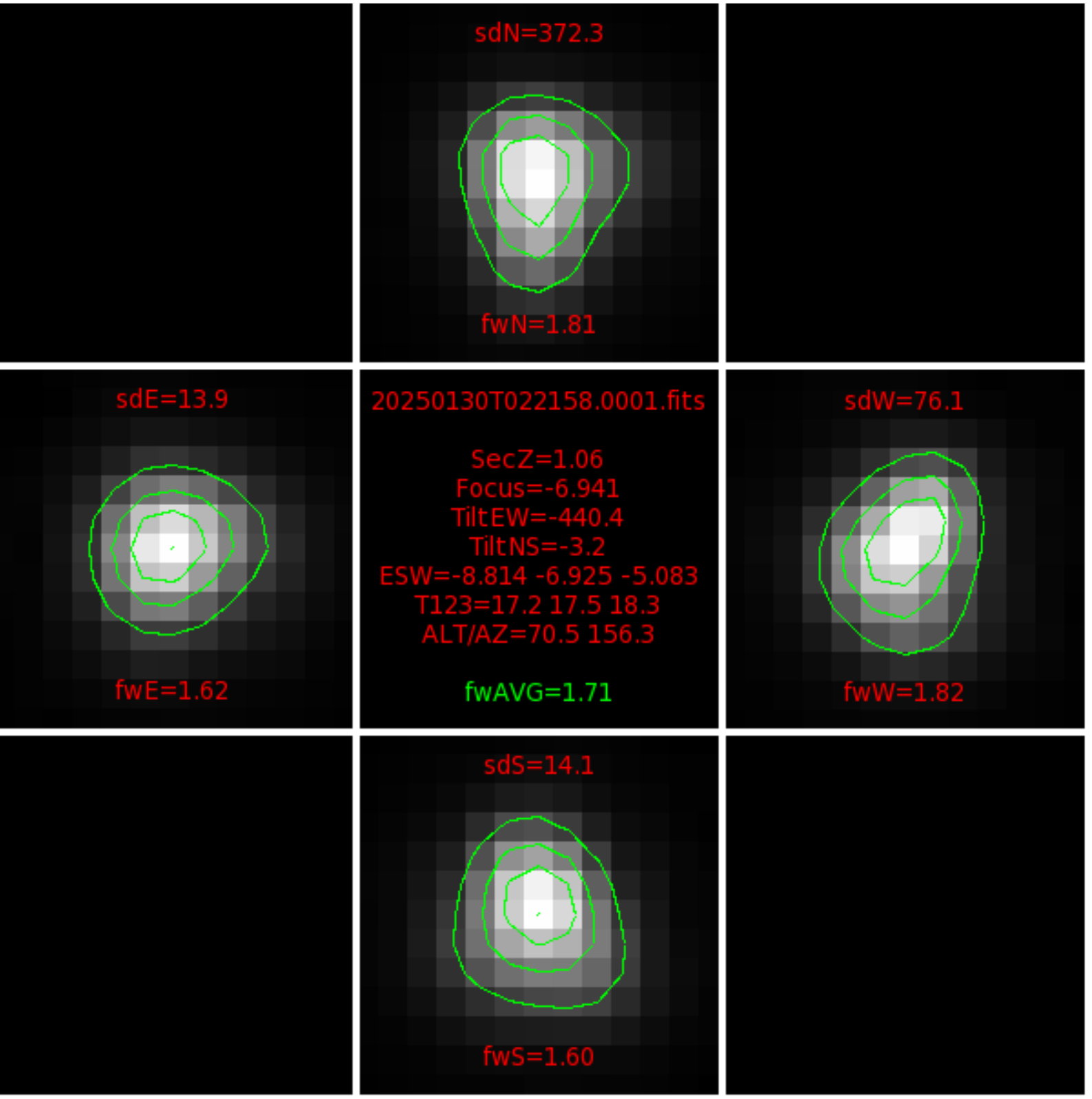
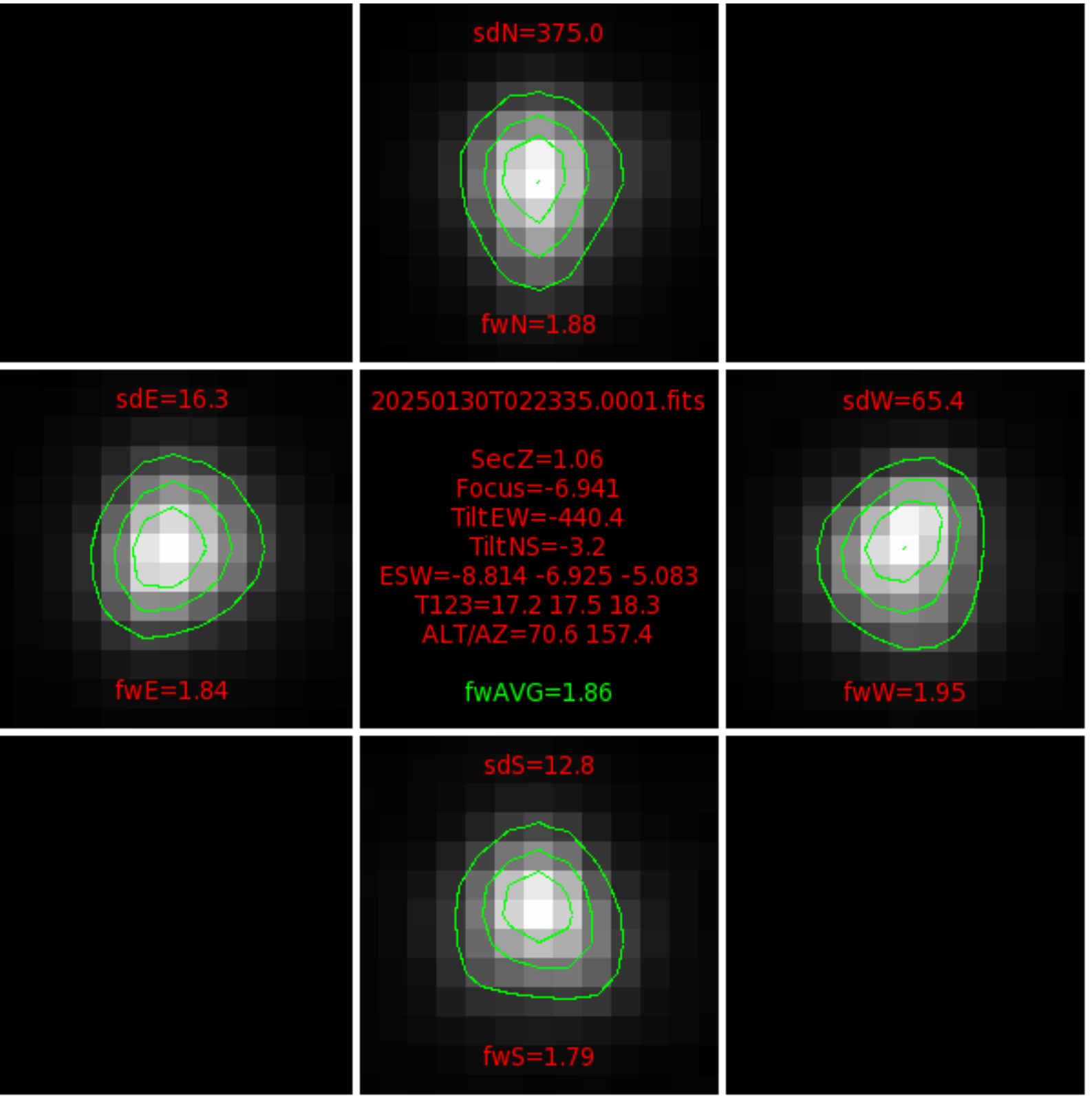

sdN=372.3
fwN=1.81
sdE=13.9
fwE=1.62
20250130T022158.0001.fits
SecZ=1.06
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.2 17.5 18.3
ALT/AZ=70.5 156.3
fwAVG=1.71
sdW=76.1
fwW=1.82
sdS=14.1
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=375.0
fwN=1.88
sdE=16.3
fwE=1.84
20250130T022335.0001.fits
SecZ=1.06
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.2 17.5 18.3
ALT/AZ=70.6 157.4
fwAVG=1.86
sdW=65.4
fwW=1.95
sdS=12.8
fwS=1.79
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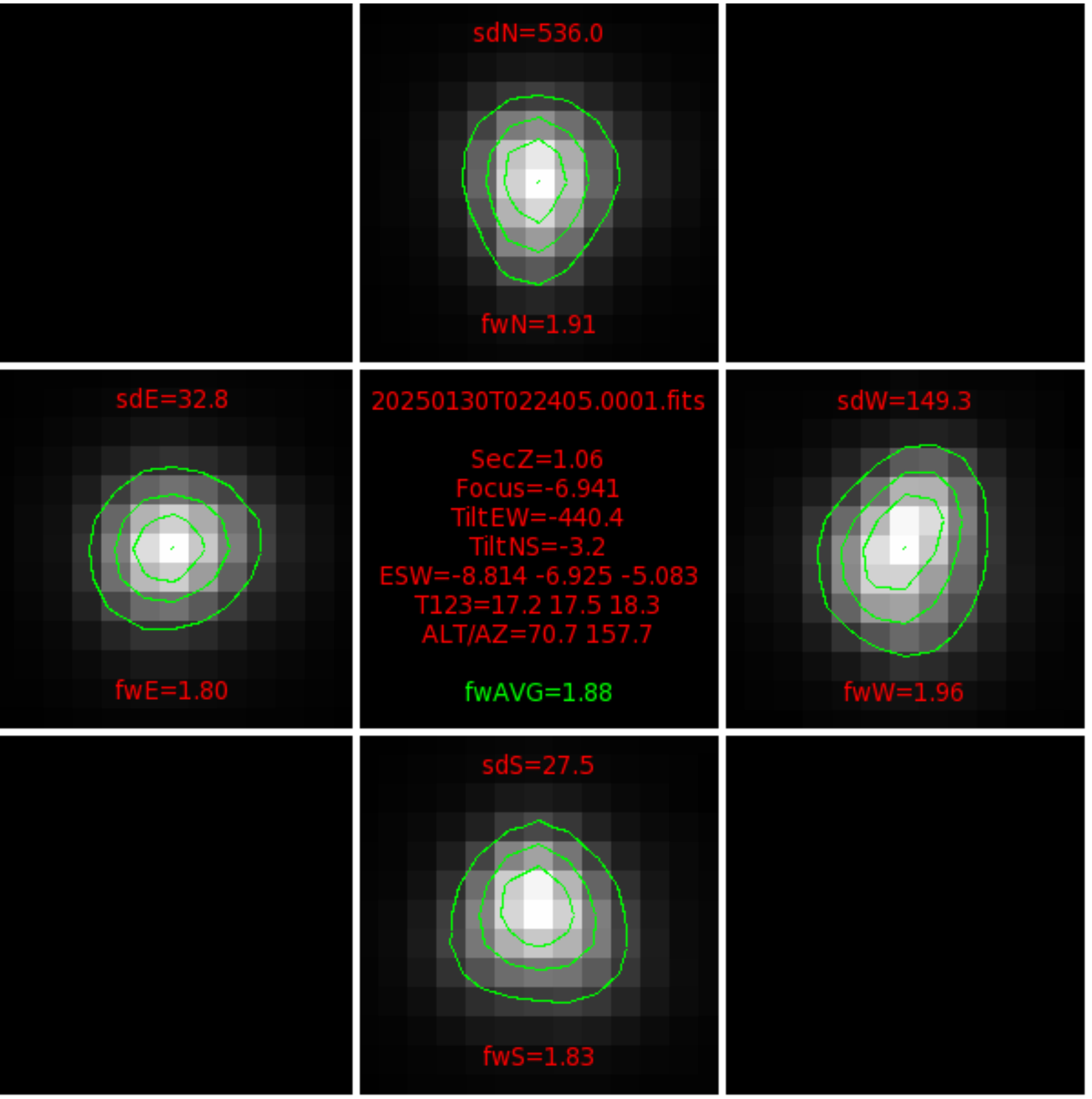
sdN=536.0
fwN=1.91
sdE=32.8
fwE=1.80
20250130T022405.0001.fits
SecZ=1.06
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.2 17.5 18.3
ALT/AZ=70.7 157.7
fwAVG=1.88
sdW=149.3
fwW=1.96
sdS=27.5
fwS=1.83
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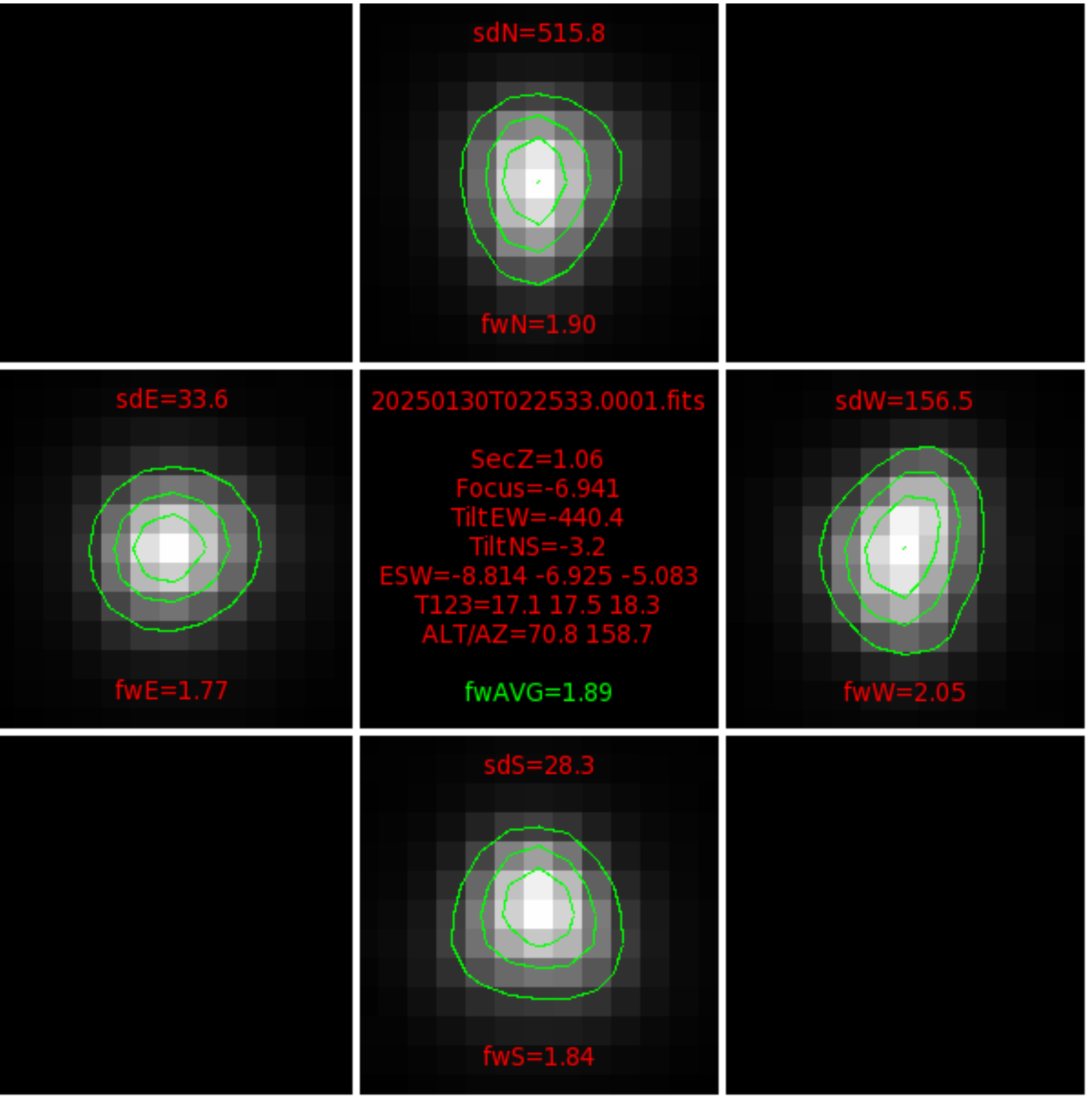
sdN=515.8
fwN=1.90
sdE=33.6
fwE=1.77
20250130T022533.0001.fits
SecZ=1.06
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.1 17.5 18.3
ALT/AZ=70.8 158.7
fwAVG=1.89
sdW=156.5
fwW=2.05
sdS=28.3
fwS=1.84
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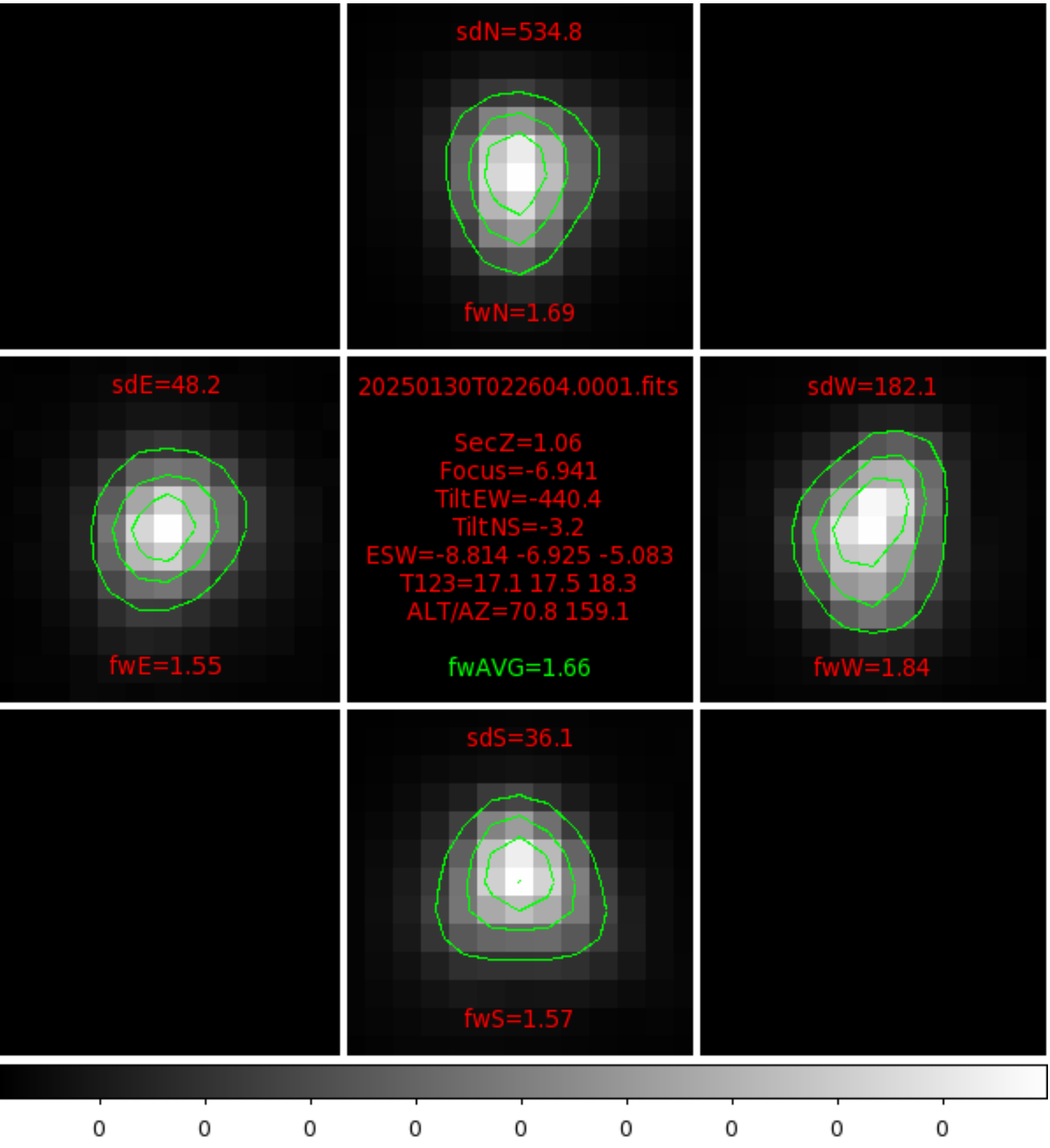
sdN=534.8
fwN=1.69
sdE=48.2
fwE=1.55
20250130T022604.0001.fits
SecZ=1.06
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.1 17.5 18.3
ALT/AZ=70.8 159.1
fwAVG=1.66
sdW=182.1
fwW=1.84
sdS=36.1
fwS=1.57
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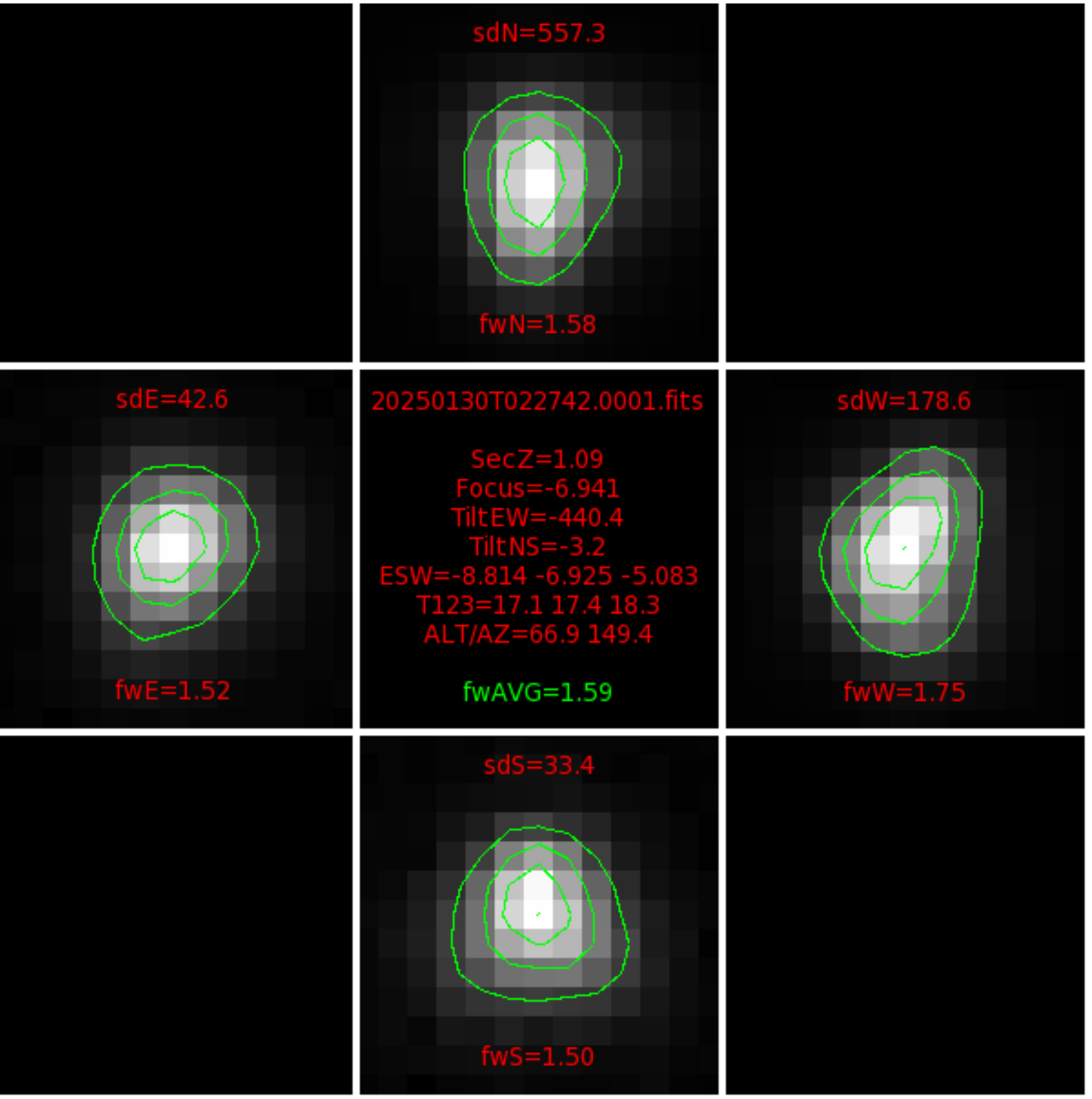
sdN=557.3
fwN=1.58
sdE=42.6
fwE=1.52
20250130T022742.0001.fits
SecZ=1.09
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.1 17.4 18.3
ALT/AZ=66.9 149.4
fwAVG=1.59
sdW=178.6
fwW=1.75
sdS=33.4
fwS=1.50
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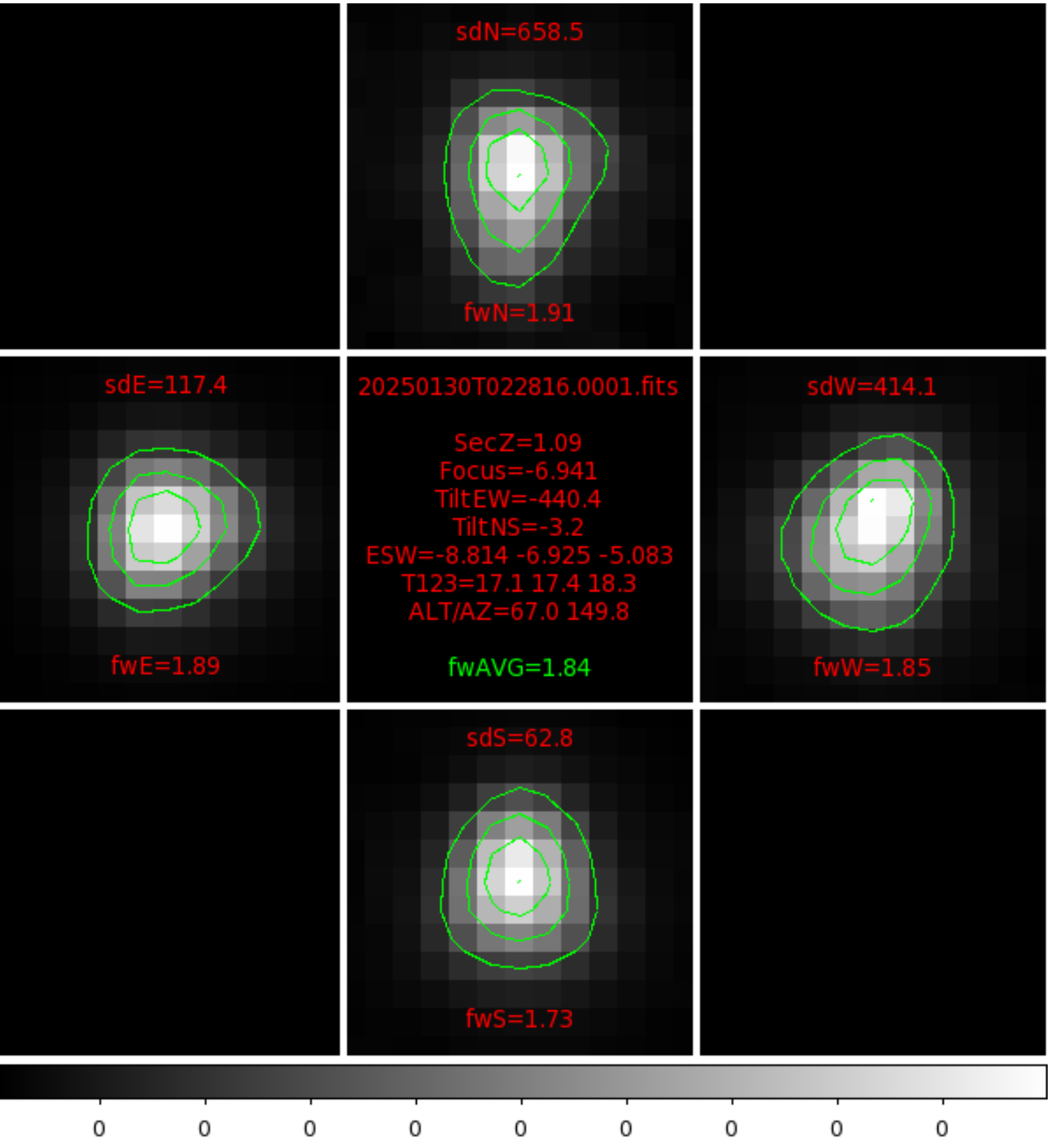
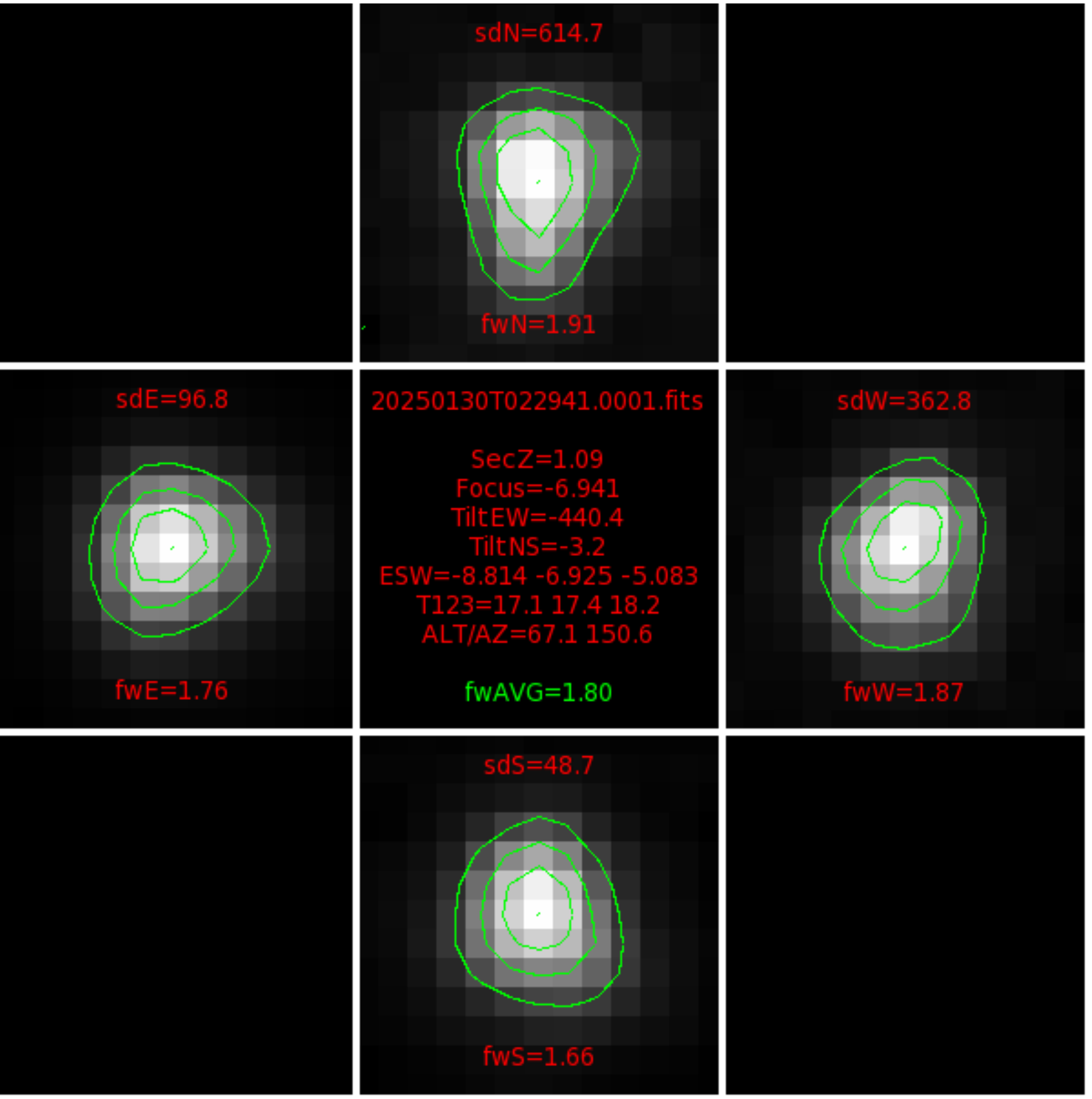

sdN=658.5
fwN=1.91
sdE=117.4
fwE=1.89
20250130T022816.0001.fits
SecZ=1.09
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.1 17.4 18.3
ALT/AZ=67.0 149.8
fwAVG=1.84
sdW=414.1
fwW=1.85
sdS=62.8
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=614.7
fwN=1.91
sdE=96.8
fwE=1.76
20250130T022941.0001.fits
SecZ=1.09
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.1 17.4 18.2
ALT/AZ=67.1 150.6
fwAVG=1.80
sdW=362.8
fwW=1.87
sdS=48.7
fwS=1.66
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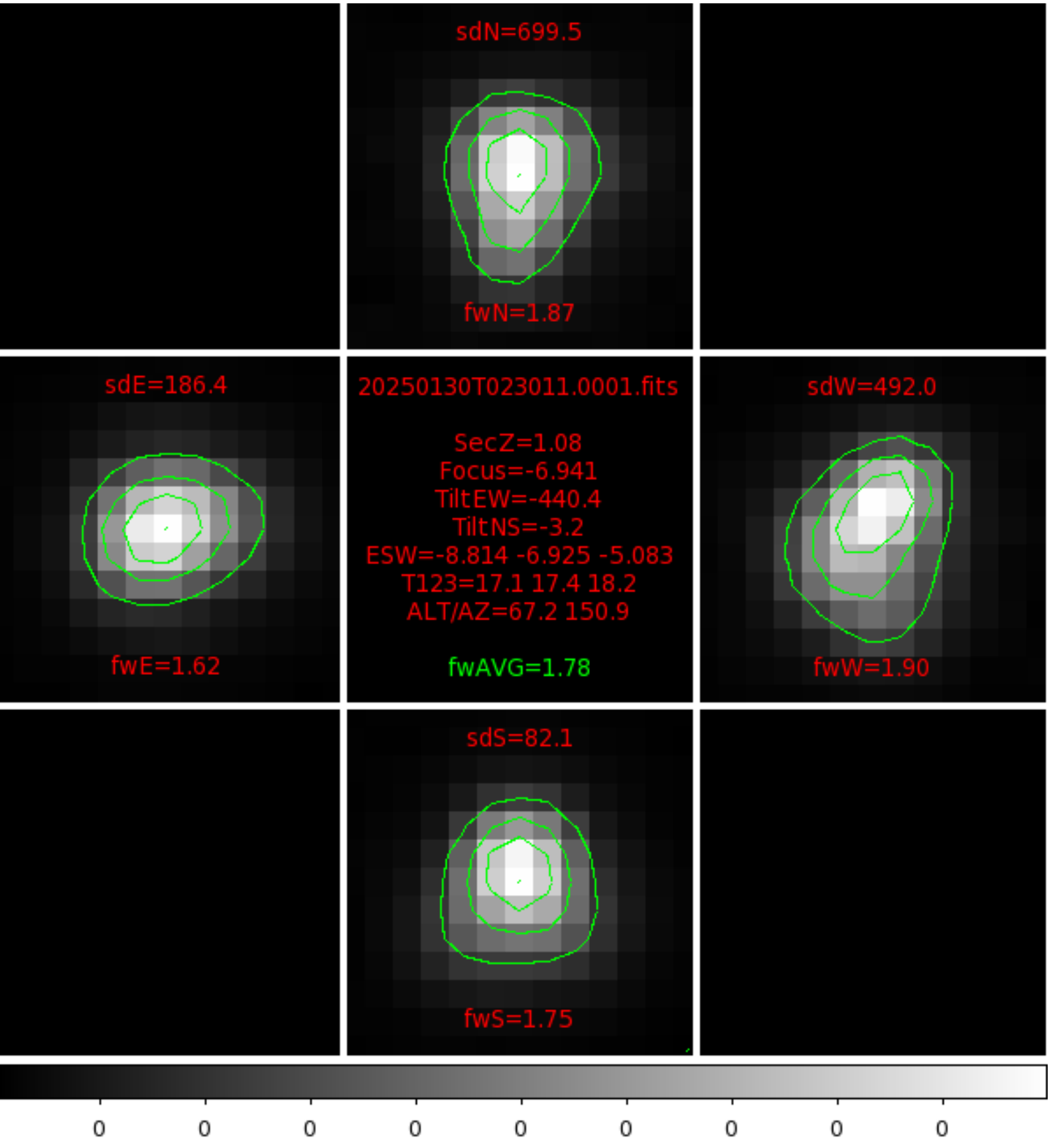
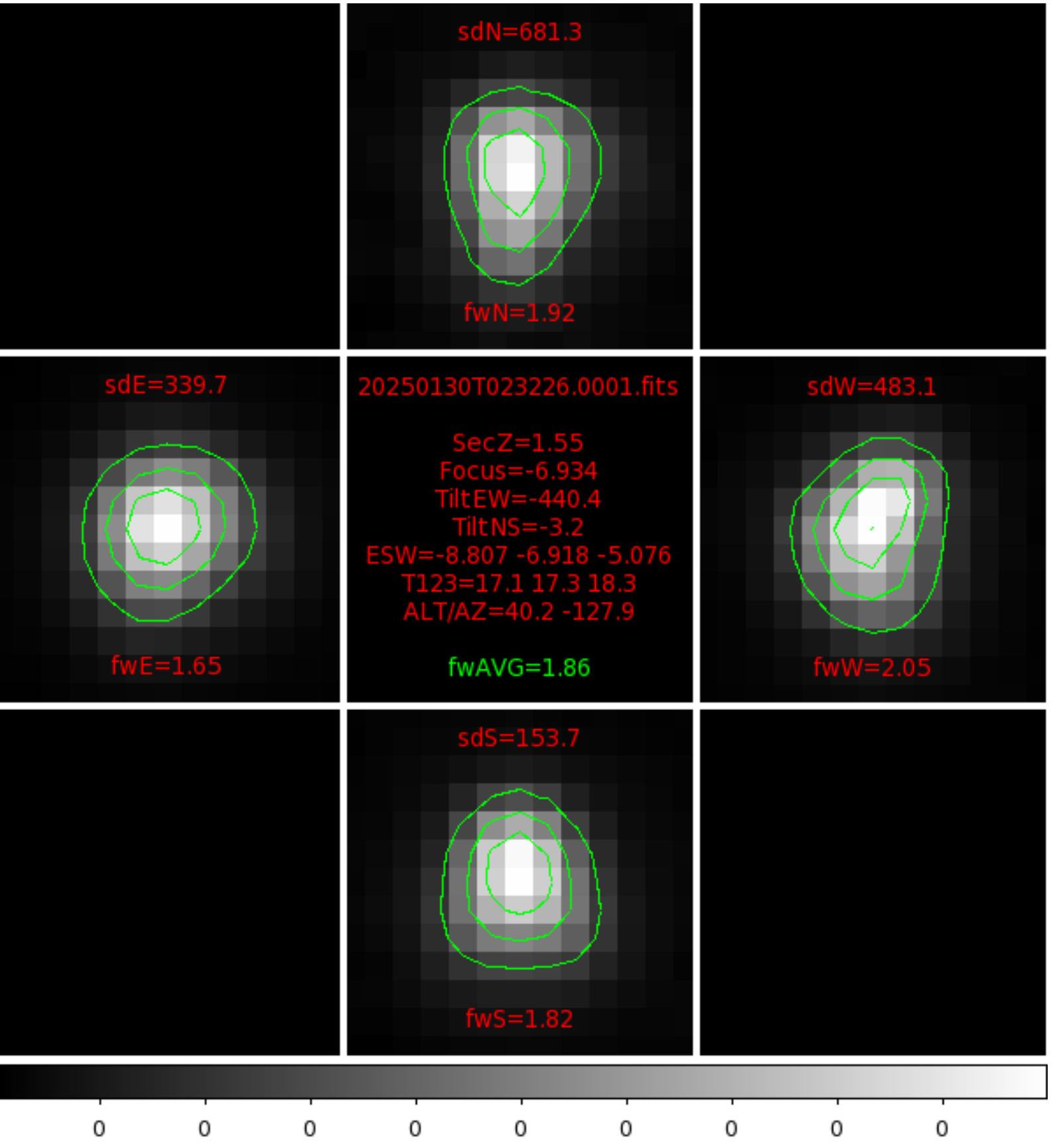
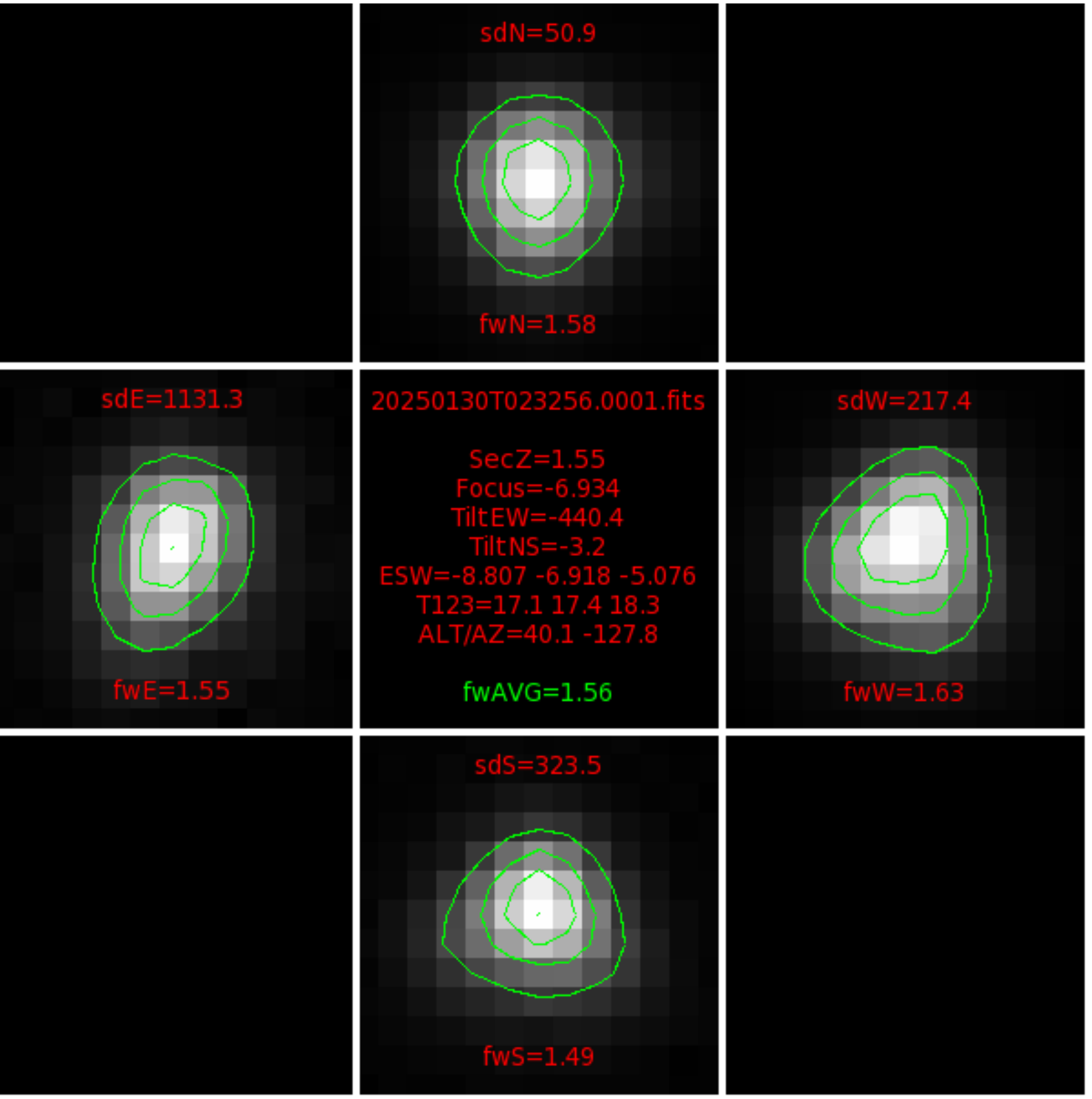
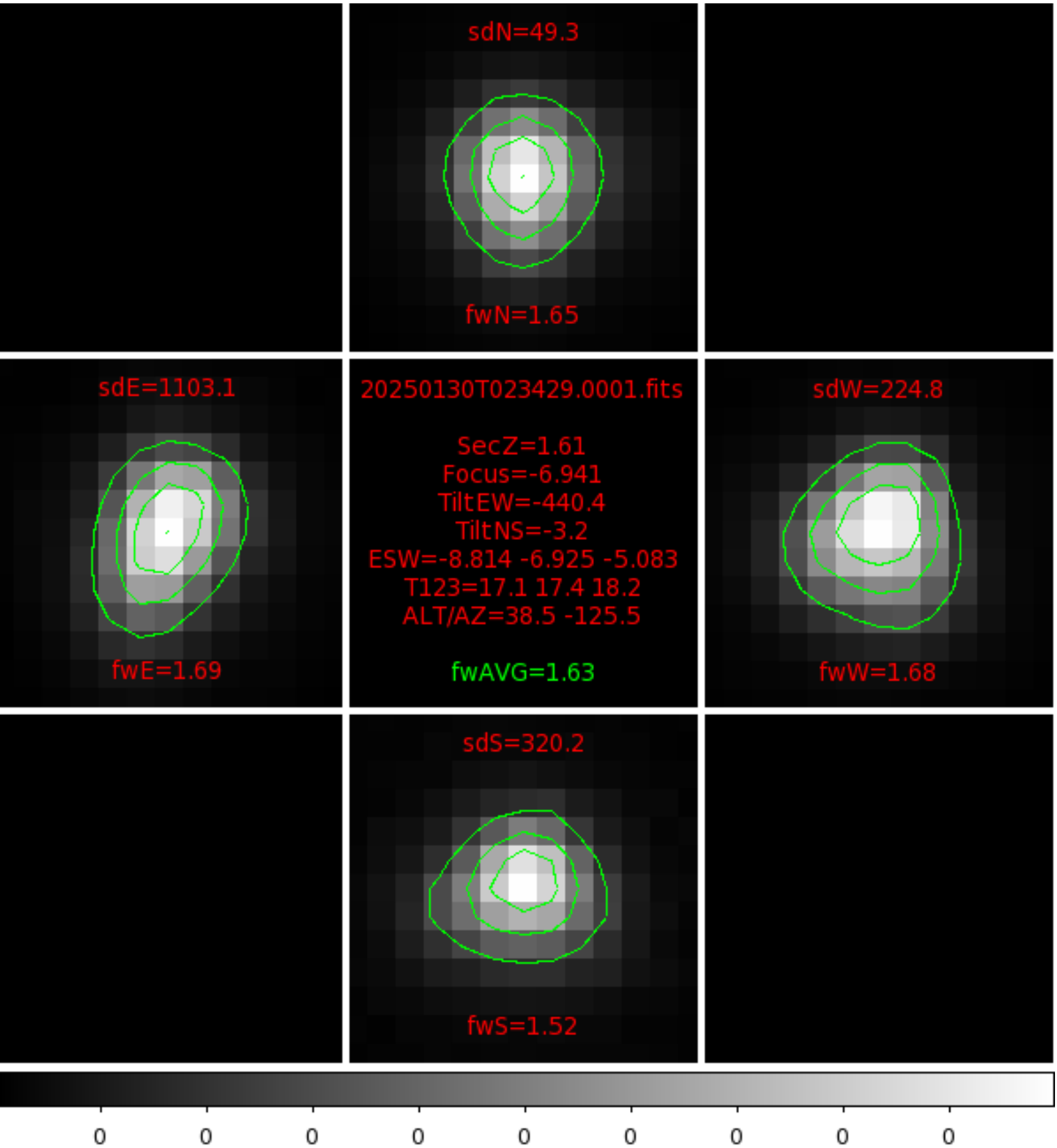
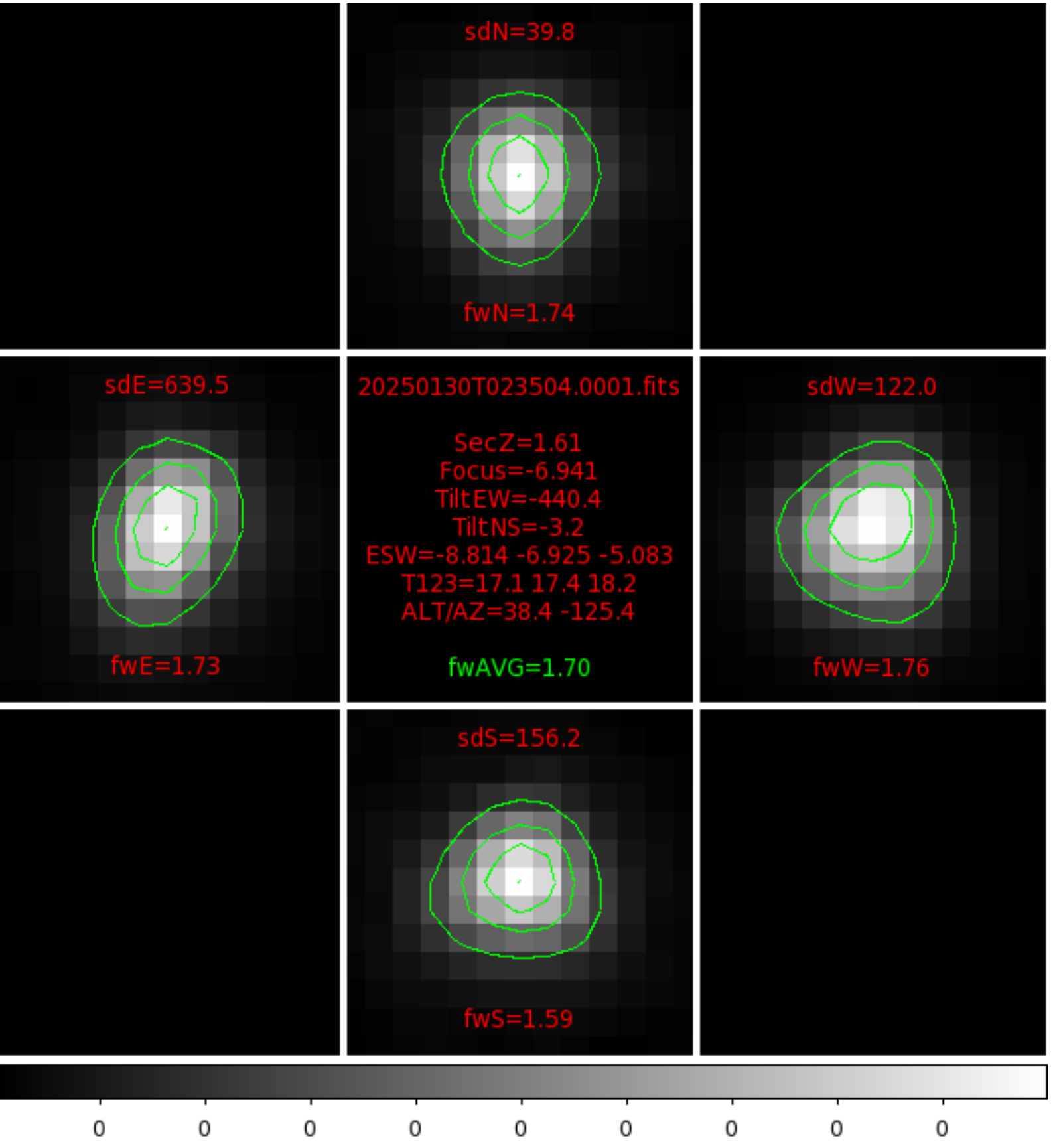
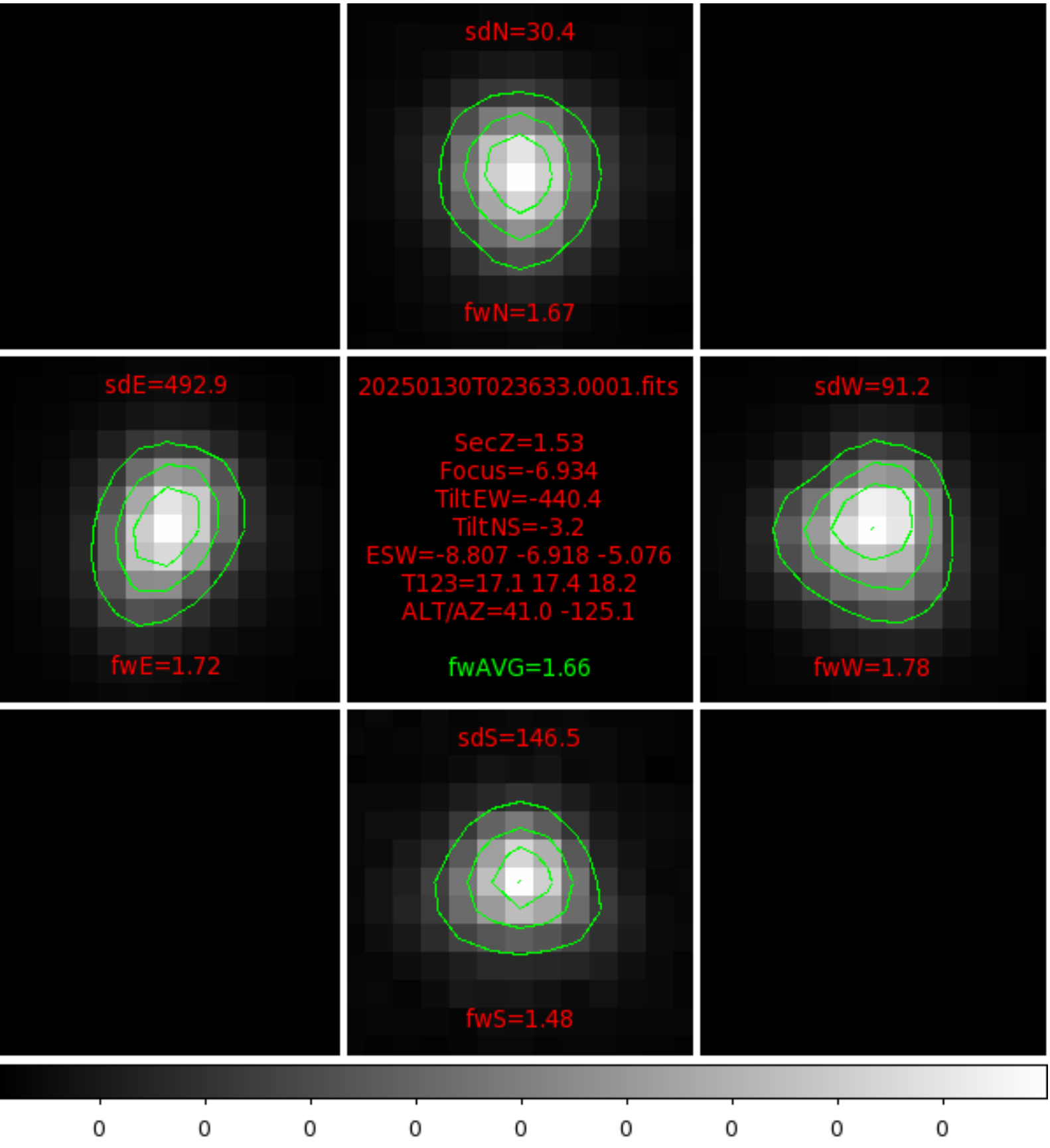

sdN=699.5
fwN=1.87
sdE=186.4
fwE=1.62
20250130T023011.0001.fits
SecZ=1.08
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.1 17.4 18.2
ALT/AZ=67.2 150.9
fwAVG=1.78
sdW=492.0
fwW=1.90
sdS=82.1
fwS=1.75
0 0 0 0 0 0 0 0 0

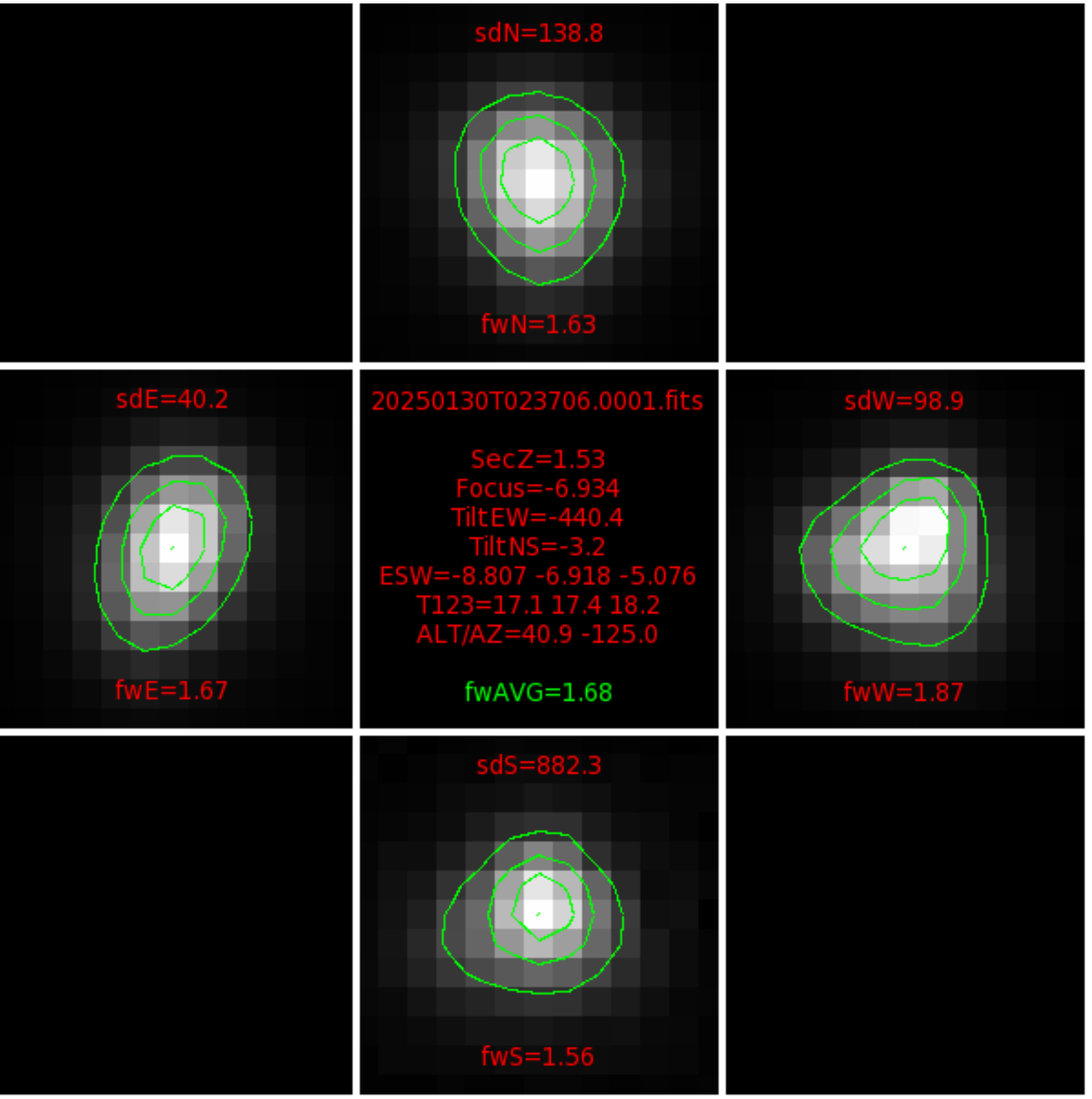

sdN=681.3
fwN=1.92
sdE=339.7
fwE=1.65
20250130T023226.0001.fits
SecZ=1.55
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.1 17.3 18.3
ALT/AZ=40.2 -127.9
fwAVG=1.86
sdW=483.1
fwW=2.05
sdS=153.7
fwS=1.82
0 0 0 0 0 0 0 0 0

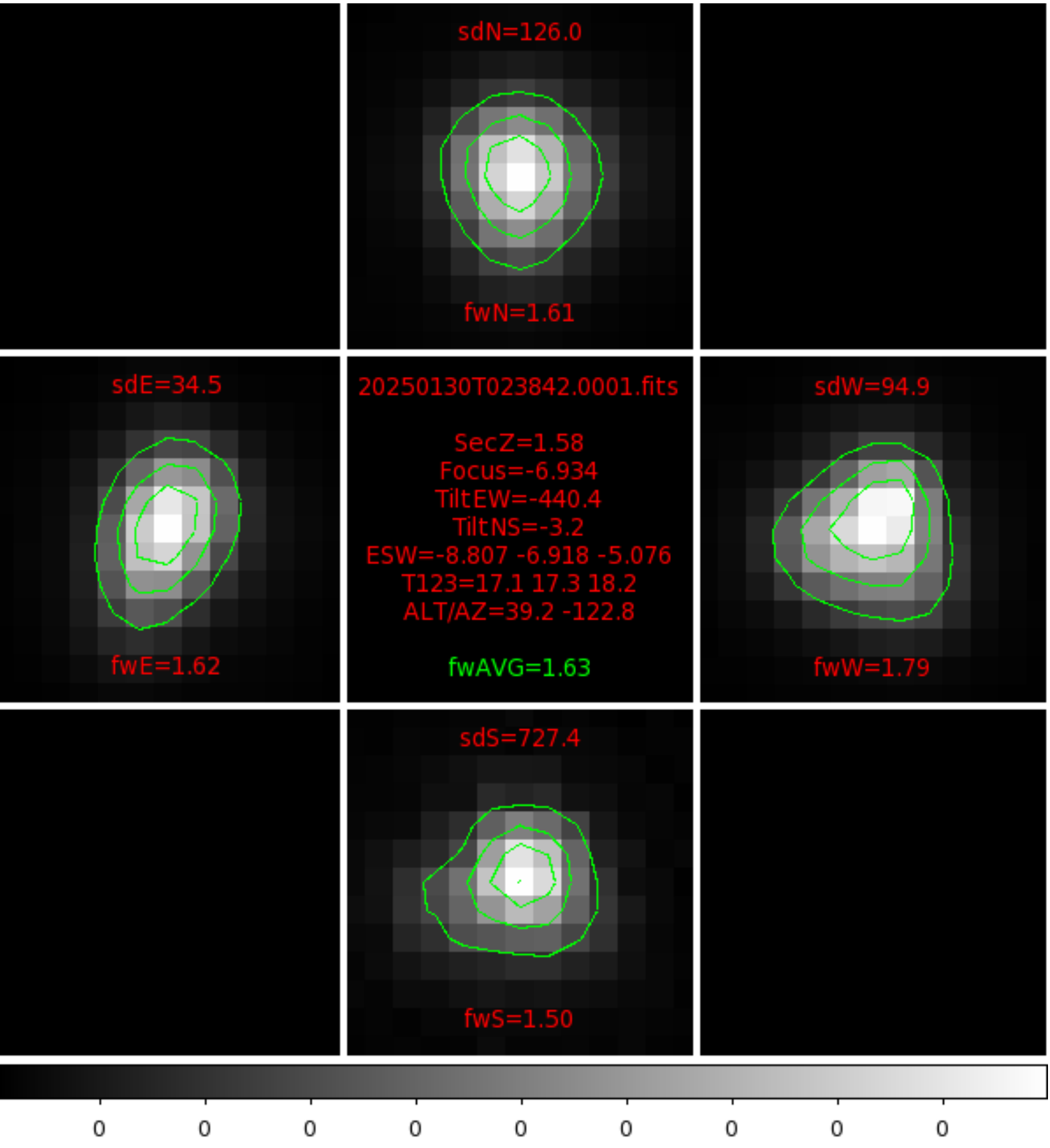

sdN=50.9
fwN=1.58
sdE=1131.3
fwE=1.55
20250130T023256.0001.fits
SecZ=1.55
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.1 17.4 18.3
ALT/AZ=40.1 -127.8
fwAVG=1.56
sdW=217.4
fwW=1.63
sdS=323.5
fwS=1.49
0 0 0 0 0 0 0 0 0

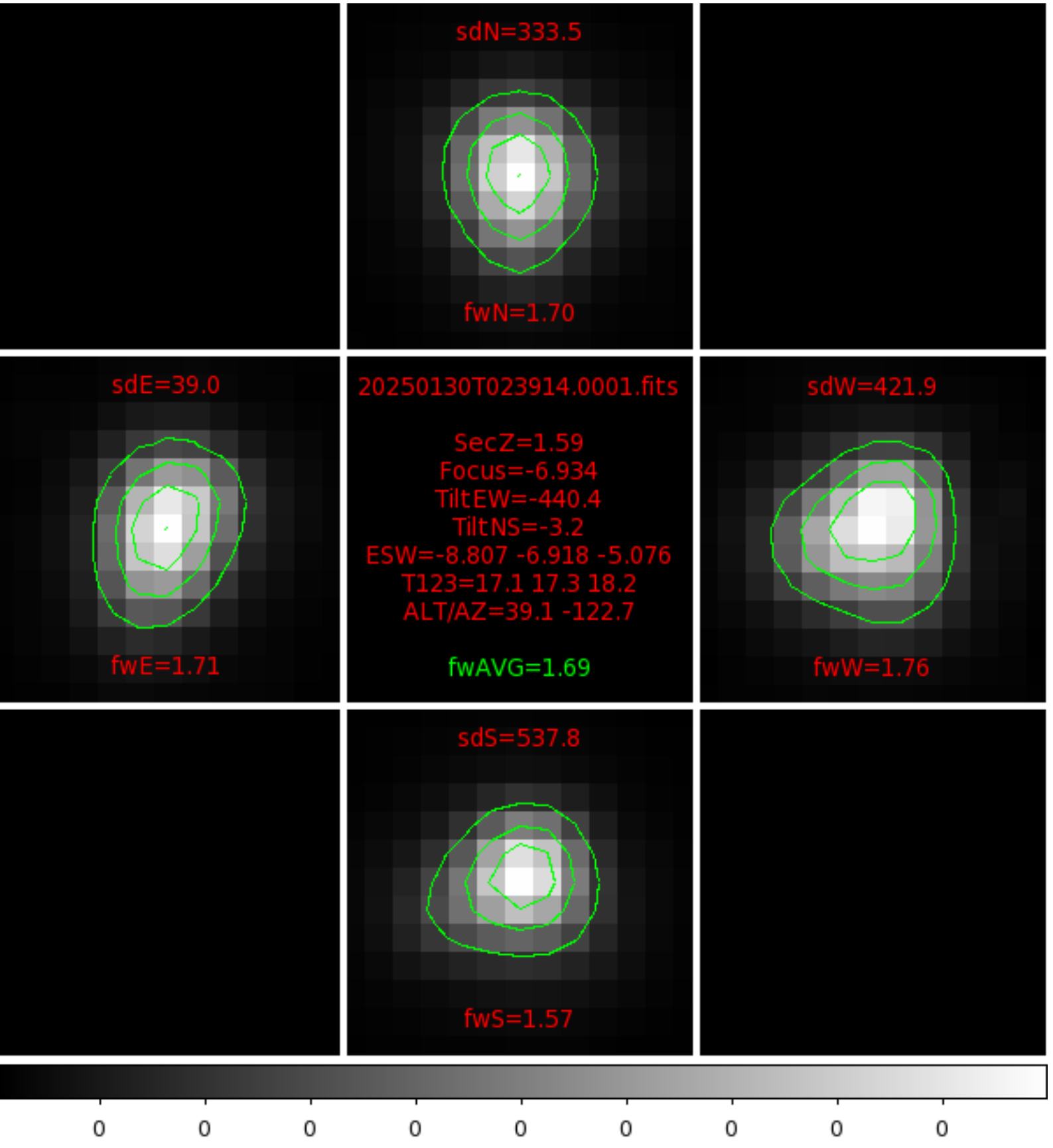

sdN=49.3
fwN=1.65
sdE=1103.1
fwE=1.69
20250130T023429.0001.fits
SecZ=1.61
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.1 17.4 18.2
ALT/AZ=38.5 -125.5
fwAVG=1.63
sdW=224.8
fwW=1.68
sdS=320.2
fwS=1.52
0 0 0 0 0 0 0 0 0

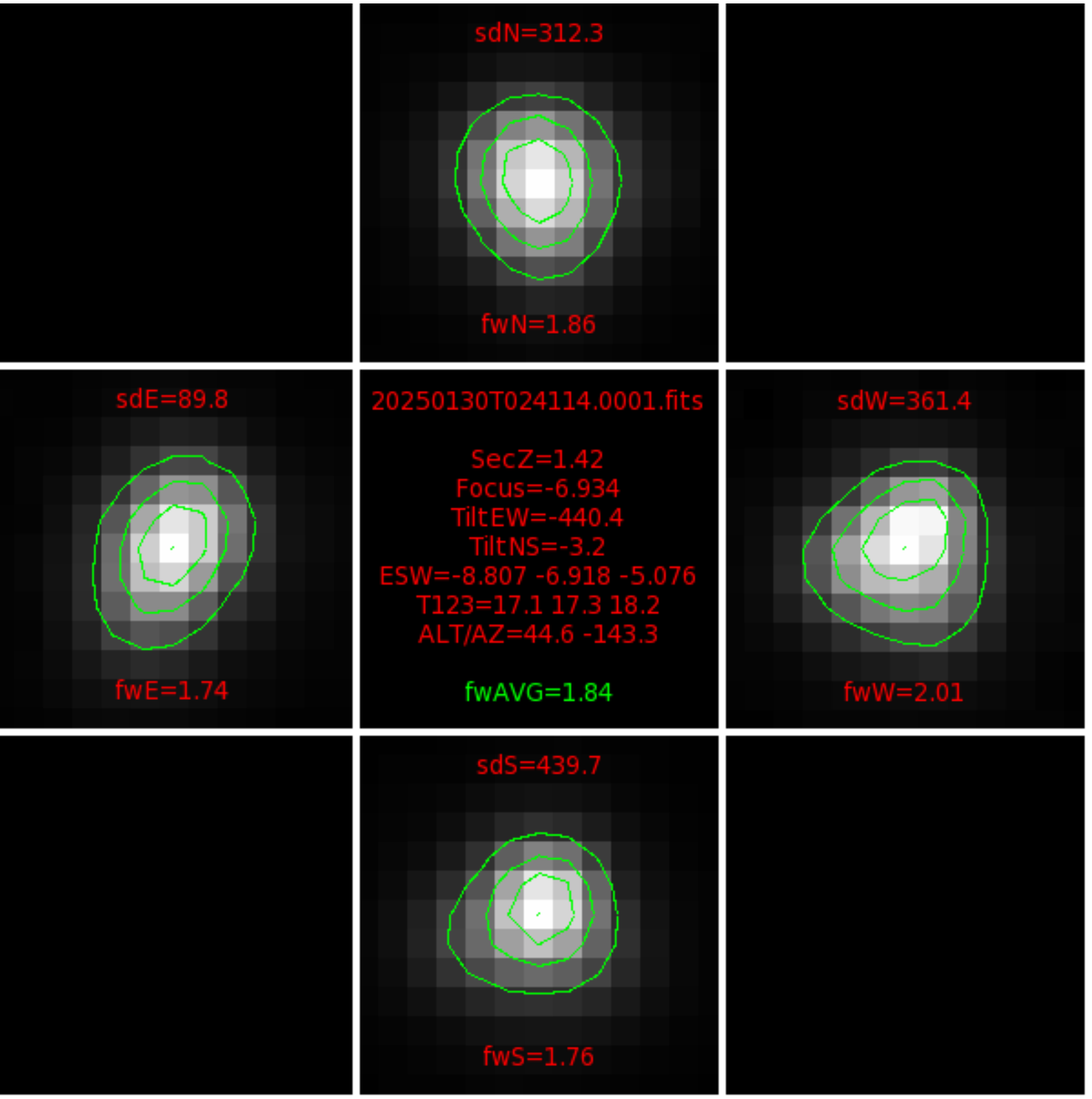

sdN=39.8
fwN=1.74
sdE=639.5
fwE=1.73
20250130T023504.0001.fits
SecZ=1.61
Focus=-6.941
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.814 -6.925 -5.083
T123=17.1 17.4 18.2
ALT/AZ=38.4 -125.4
fwAVG=1.70
sdW=122.0
fwW=1.76
sdS=156.2
fwS=1.59
0 0 0 0 0 0 0 0 0

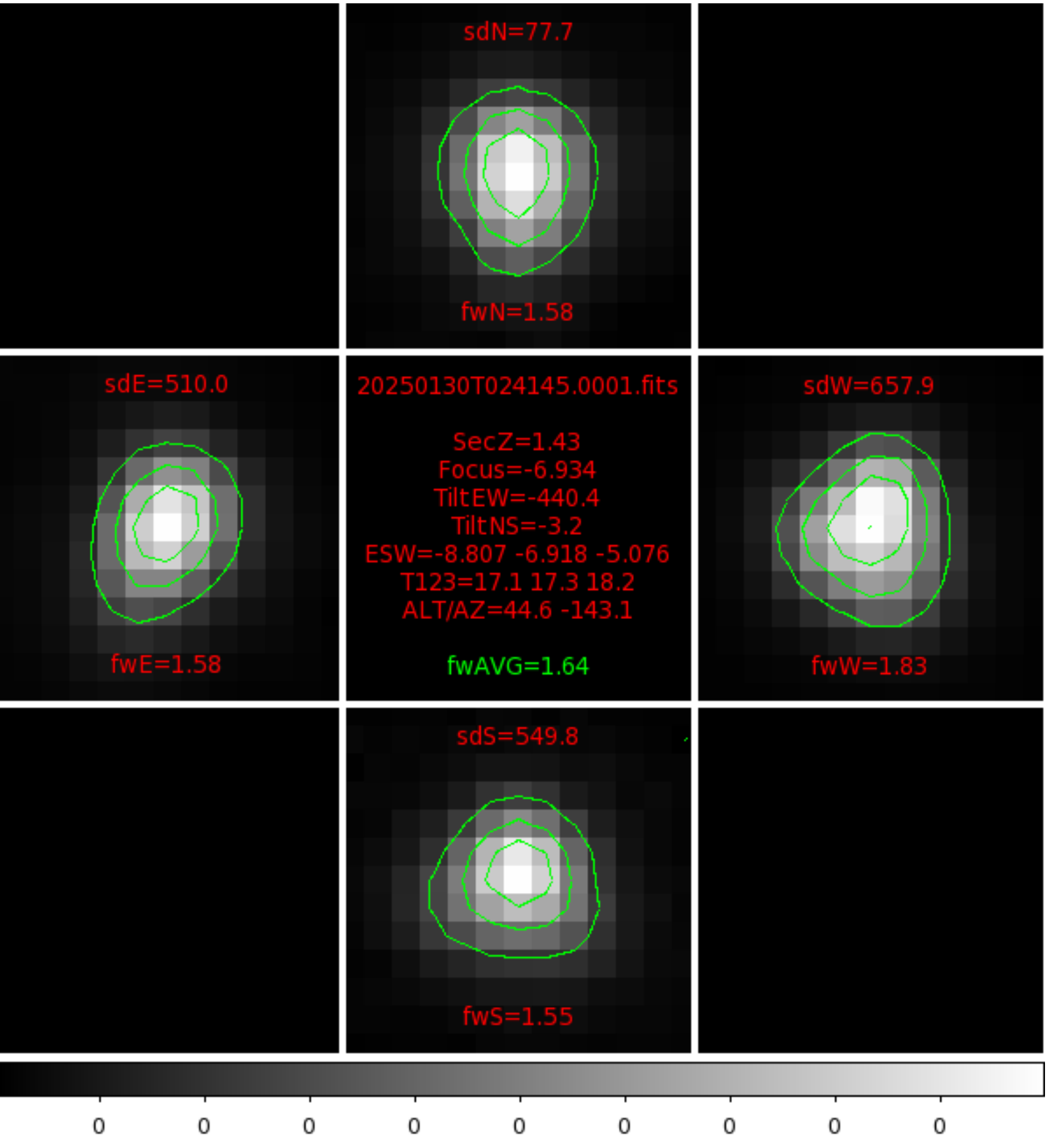

sdN=30.4
fwN=1.67
sdE=492.9
fwE=1.72
20250130T023633.0001.fits
SecZ=1.53
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.1 17.4 18.2
ALT/AZ=41.0 -125.1
fwAVG=1.66
sdW=91.2
fwW=1.78
sdS=146.5
fwS=1.48
0 0 0 0 0 0 0 0 0

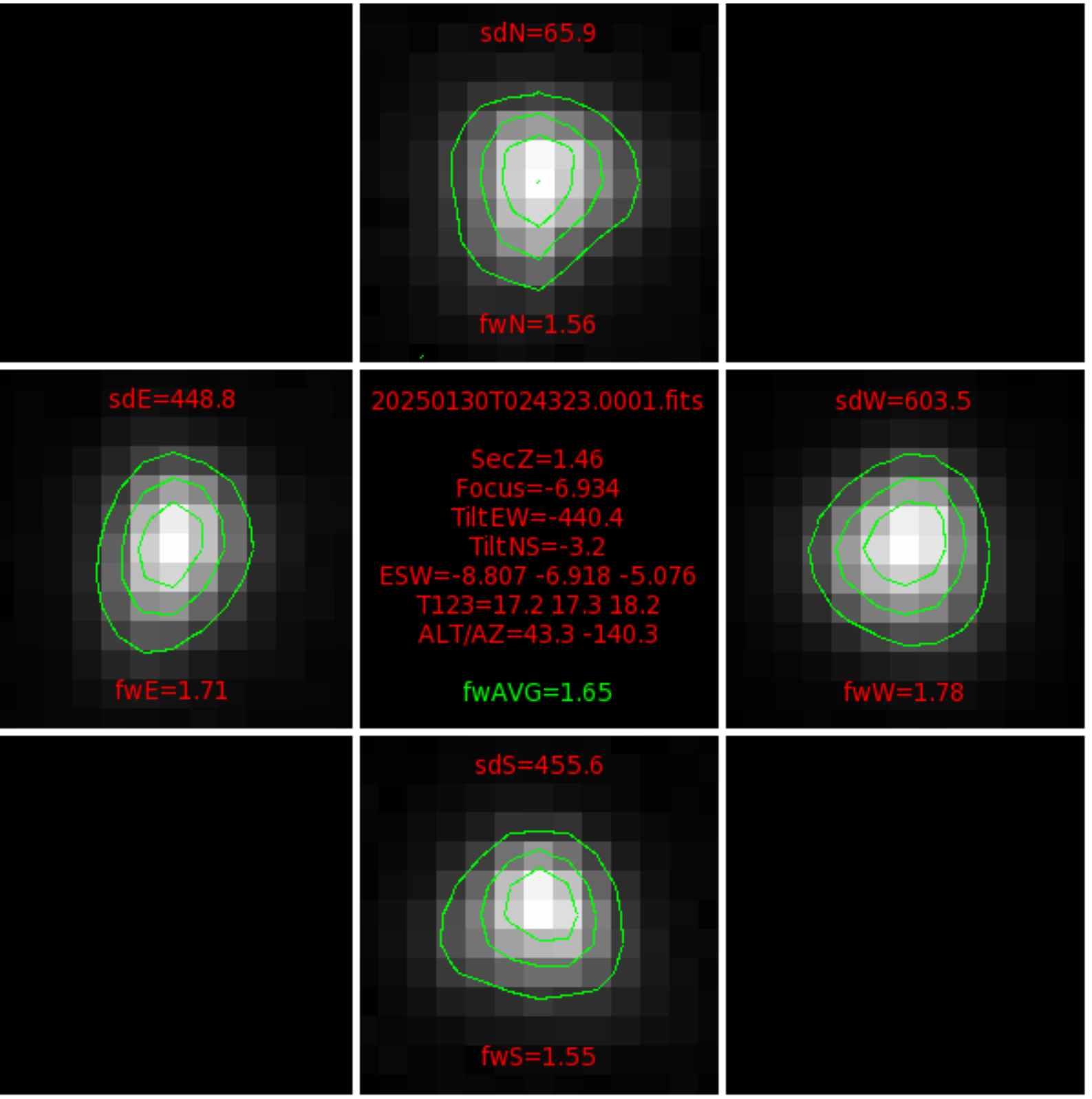

sdN=138.8
fwN=1.63
sdE=40.2
fwE=1.67
20250130T023706.0001.fits
SecZ=1.53
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.1 17.4 18.2
ALT/AZ=40.9 -125.0
fwAVG=1.68
sdW=98.9
fwW=1.87
sdS=882.3
fwS=1.56
0 0 0 0 0 0 0 0 0

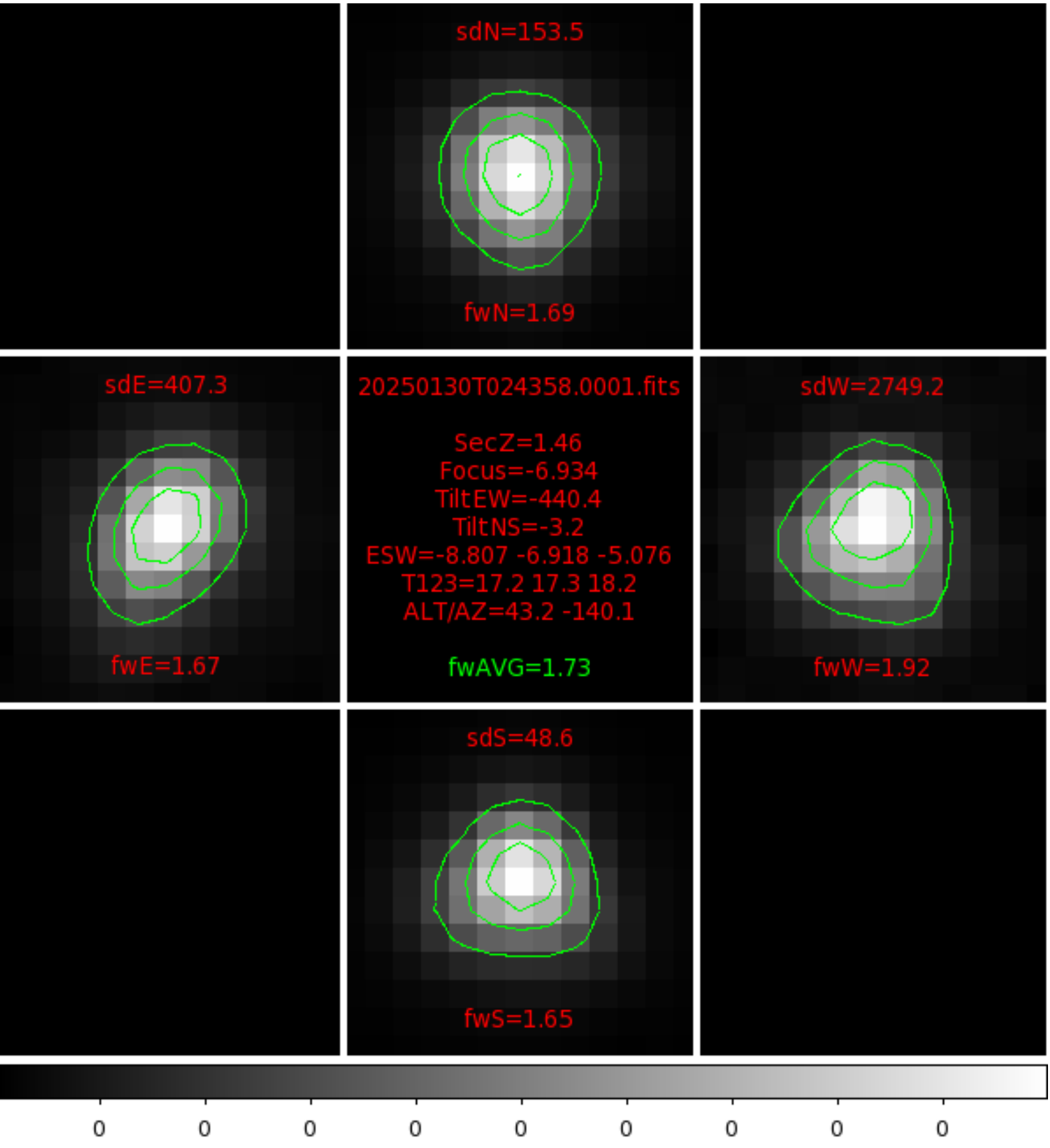

sdN=126.0
fwN=1.61
sdE=34.5
fwE=1.62
20250130T023842.0001.fits
SecZ=1.58
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.1 17.3 18.2
ALT/AZ=39.2 -122.8
fwAVG=1.63
sdW=94.9
fwW=1.79
sdS=727.4
fwS=1.50
0 0 0 0 0 0 0 0 0

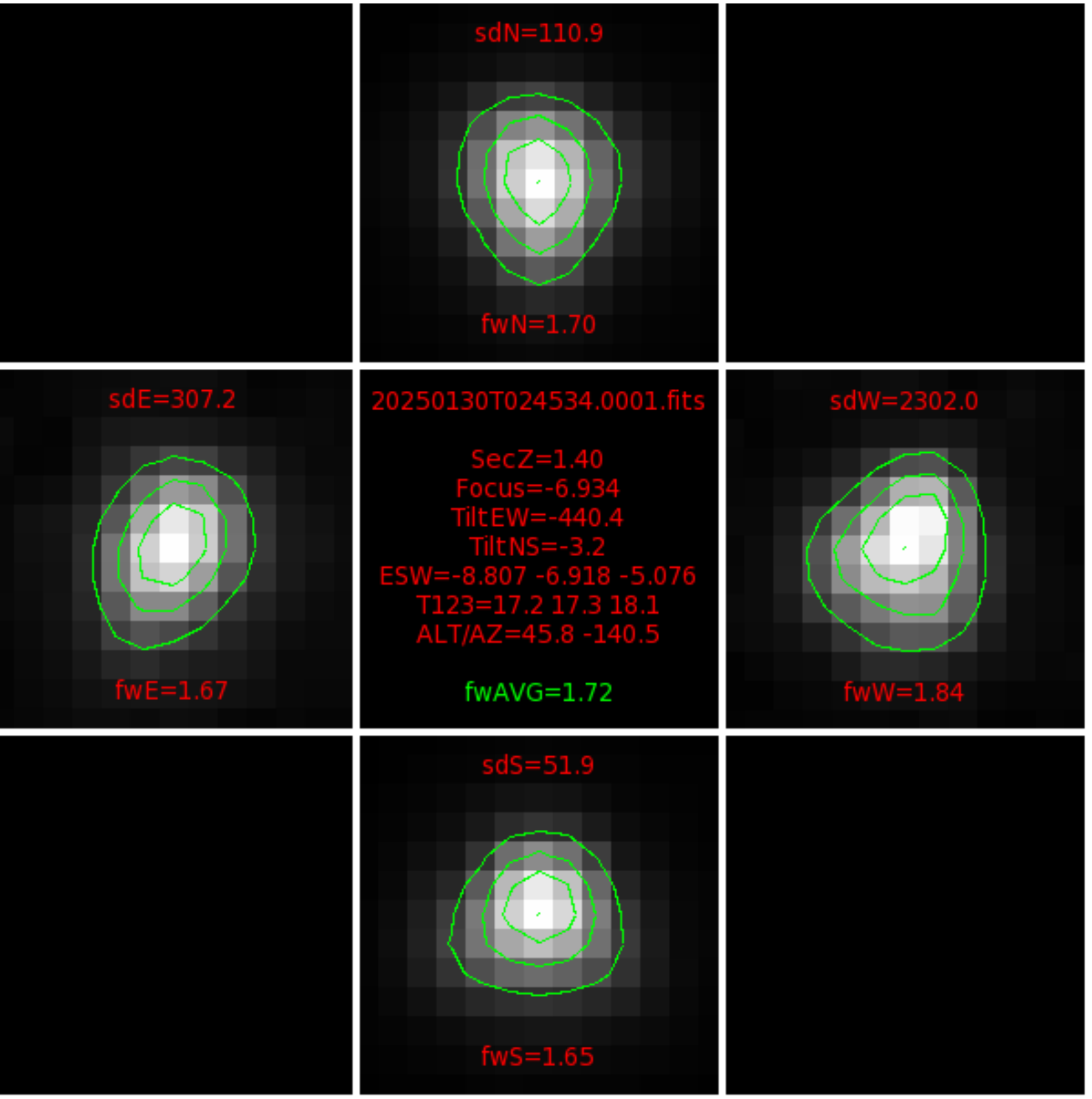

sdN=333.5
fwN=1.70
sdE=39.0
fwE=1.71
20250130T023914.0001.fits
SecZ=1.59
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.1 17.3 18.2
ALT/AZ=39.1 -122.7
fwAVG=1.69
sdW=421.9
fwW=1.76
sdS=537.8
fwS=1.57
0 0 0 0 0 0 0 0 0

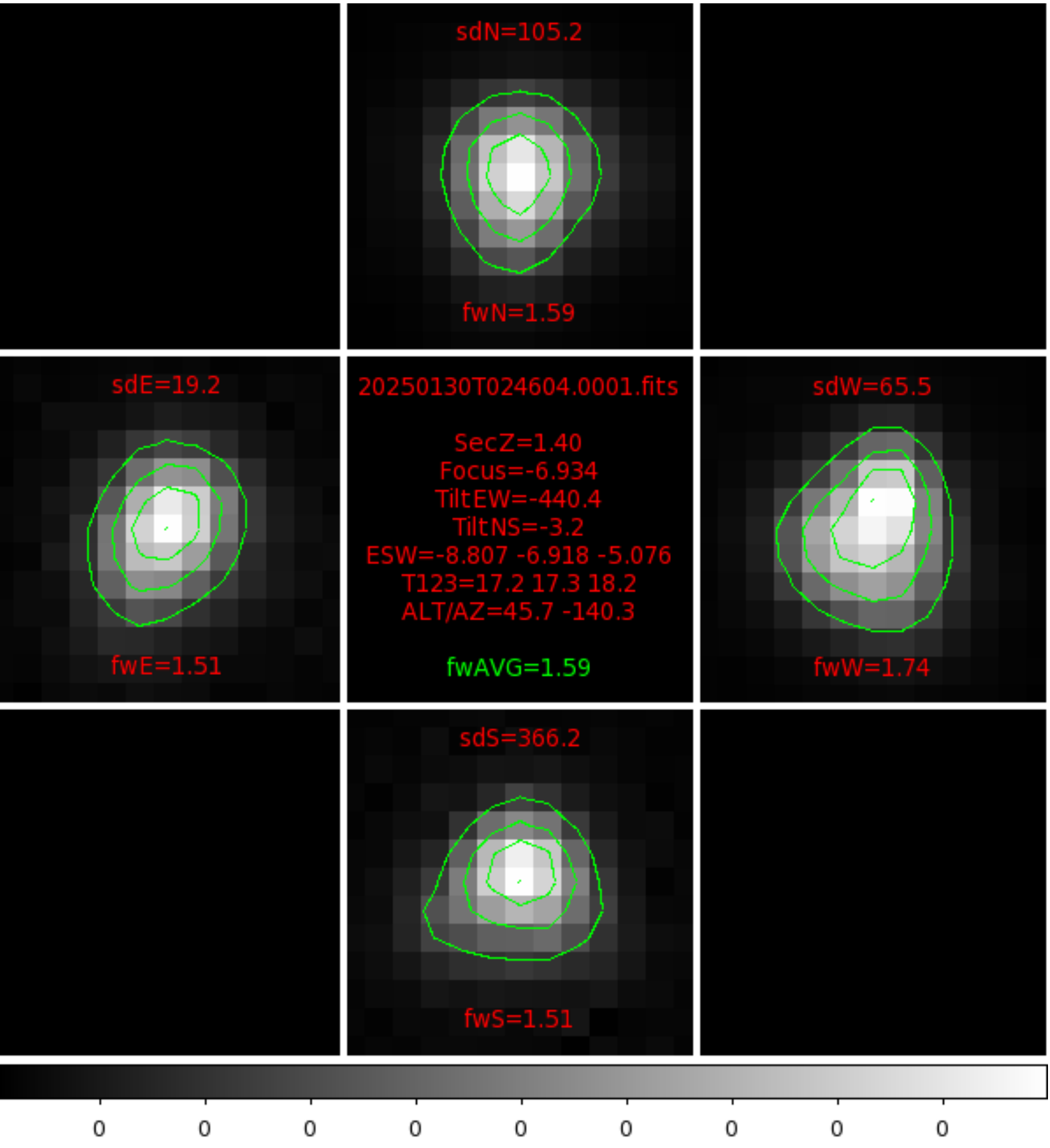

sdN=312.3
fwN=1.86
sdE=89.8
fwE=1.74
20250130T024114.0001.fits
SecZ=1.42
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.1 17.3 18.2
ALT/AZ=44.6 -143.3
fwAVG=1.84
sdW=361.4
fwW=2.01
sdS=439.7
fwS=1.76
0 0 0 0 0 0 0 0 0

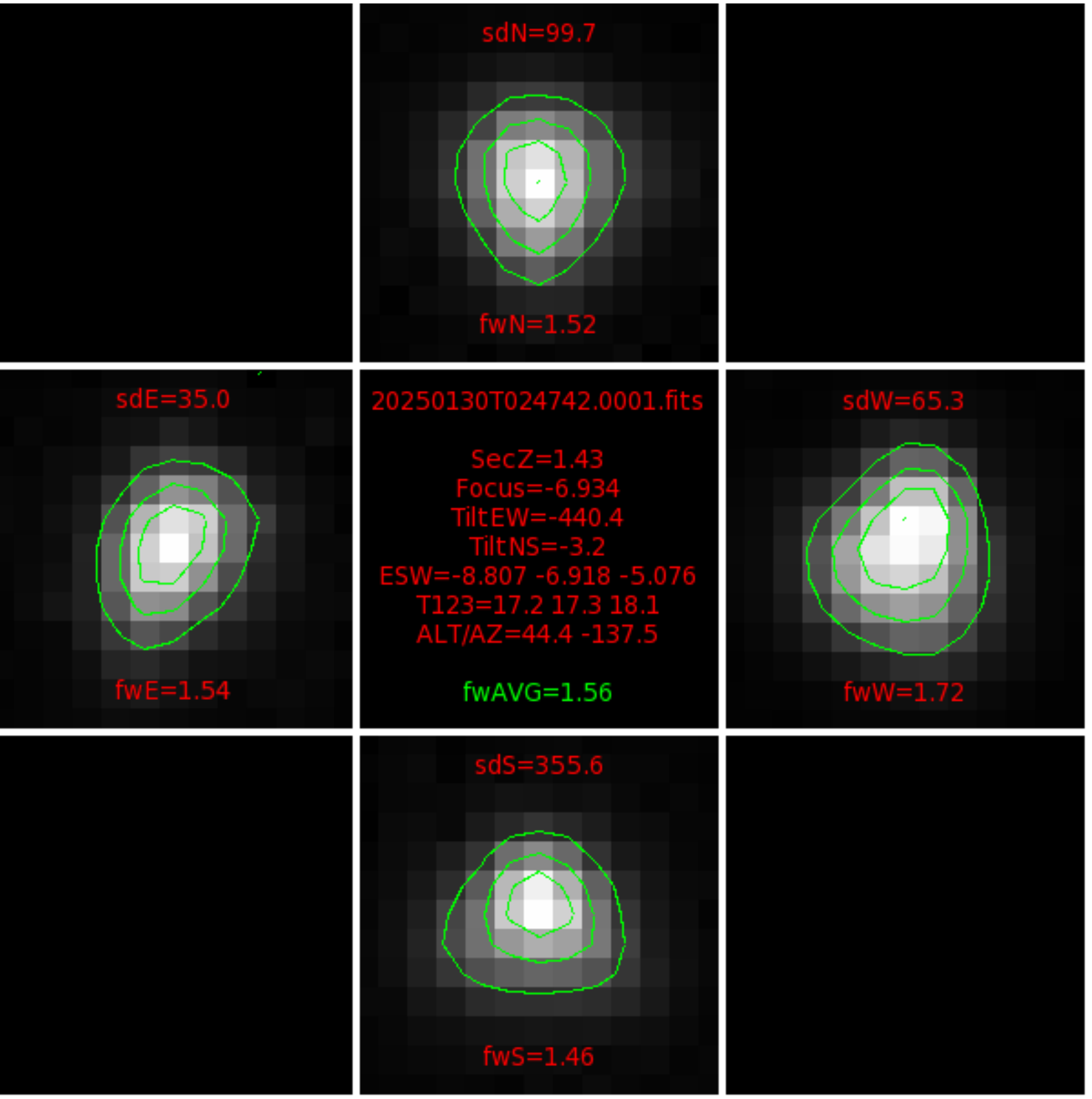

sdN=77.7
fwN=1.58
sdE=510.0
fwE=1.58
20250130T024145.0001.fits
SecZ=1.43
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.1 17.3 18.2
ALT/AZ=44.6 -143.1
fwAVG=1.64
sdW=657.9
fwW=1.83
sdS=549.8
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=65.9
fwN=1.56
sdE=448.8
fwE=1.71
20250130T024323.0001.fits
SecZ=1.46
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.2 17.3 18.2
ALT/AZ=43.3 -140.3
fwAVG=1.65
sdW=603.5
fwW=1.78
sdS=455.6
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=153.5
fwN=1.69
sdE=407.3
fwE=1.67
20250130T024358.0001.fits
SecZ=1.46
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.2 17.3 18.2
ALT/AZ=43.2 -140.1
fwAVG=1.73
sdW=2749.2
fwW=1.92
sdS=48.6
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=110.9
fwN=1.70
sdE=307.2
fwE=1.67
20250130T024534.0001.fits
SecZ=1.40
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.2 17.3 18.1
ALT/AZ=45.8 -140.5
fwAVG=1.72
sdW=2302.0
fwW=1.84
sdS=51.9
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=105.2
fwN=1.59
sdE=19.2
fwE=1.51
20250130T024604.0001.fits
SecZ=1.40
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.2 17.3 18.2
ALT/AZ=45.7 -140.3
fwAVG=1.59
sdW=65.5
fwW=1.74
sdS=366.2
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=99.7
fwN=1.52
sdE=35.0
fwE=1.54
20250130T024742.0001.fits
SecZ=1.43
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.2 17.3 18.1
ALT/AZ=44.4 -137.5
fwAVG=1.56
sdW=65.3
fwW=1.72
sdS=355.6
fwS=1.46
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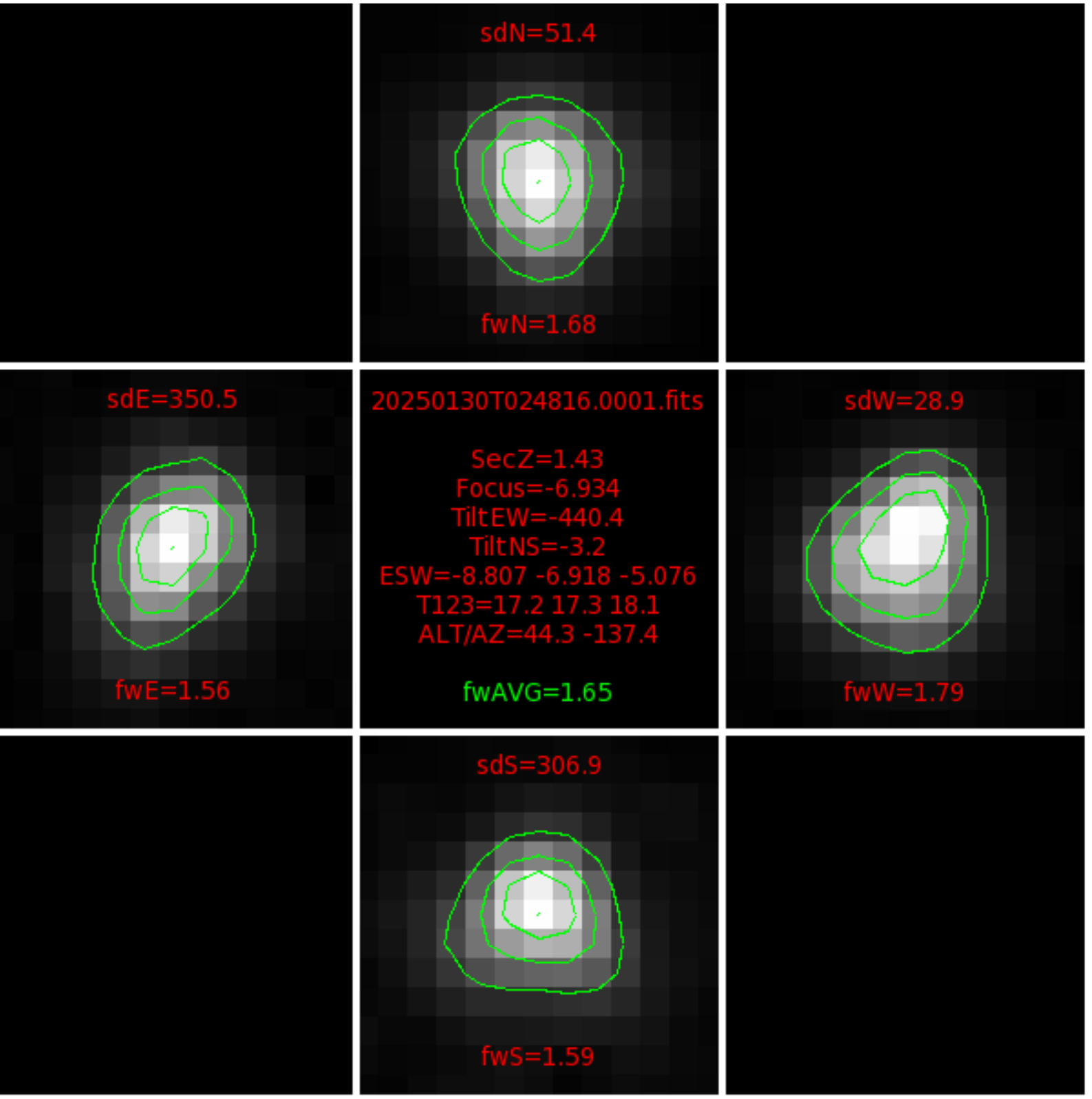
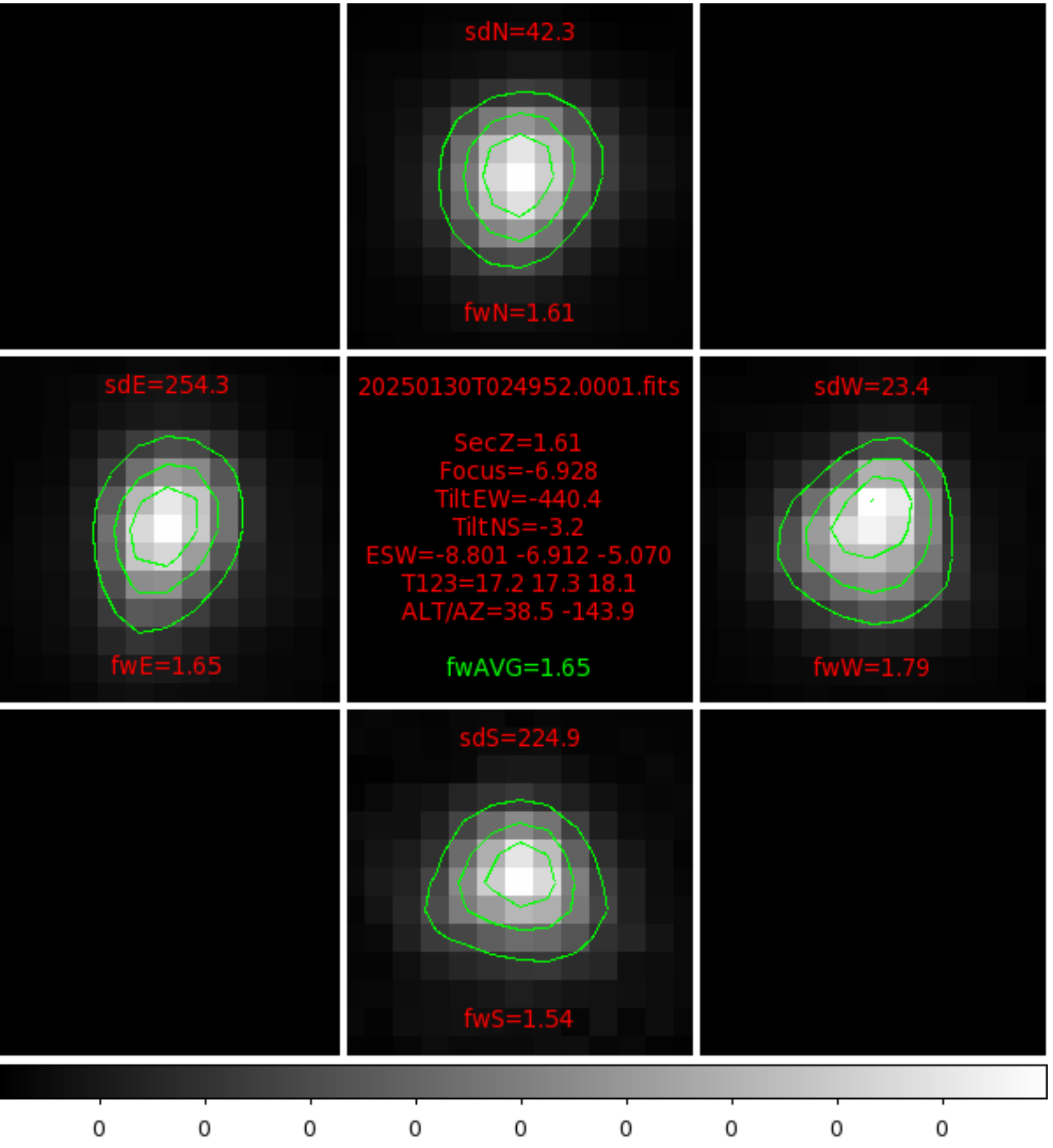
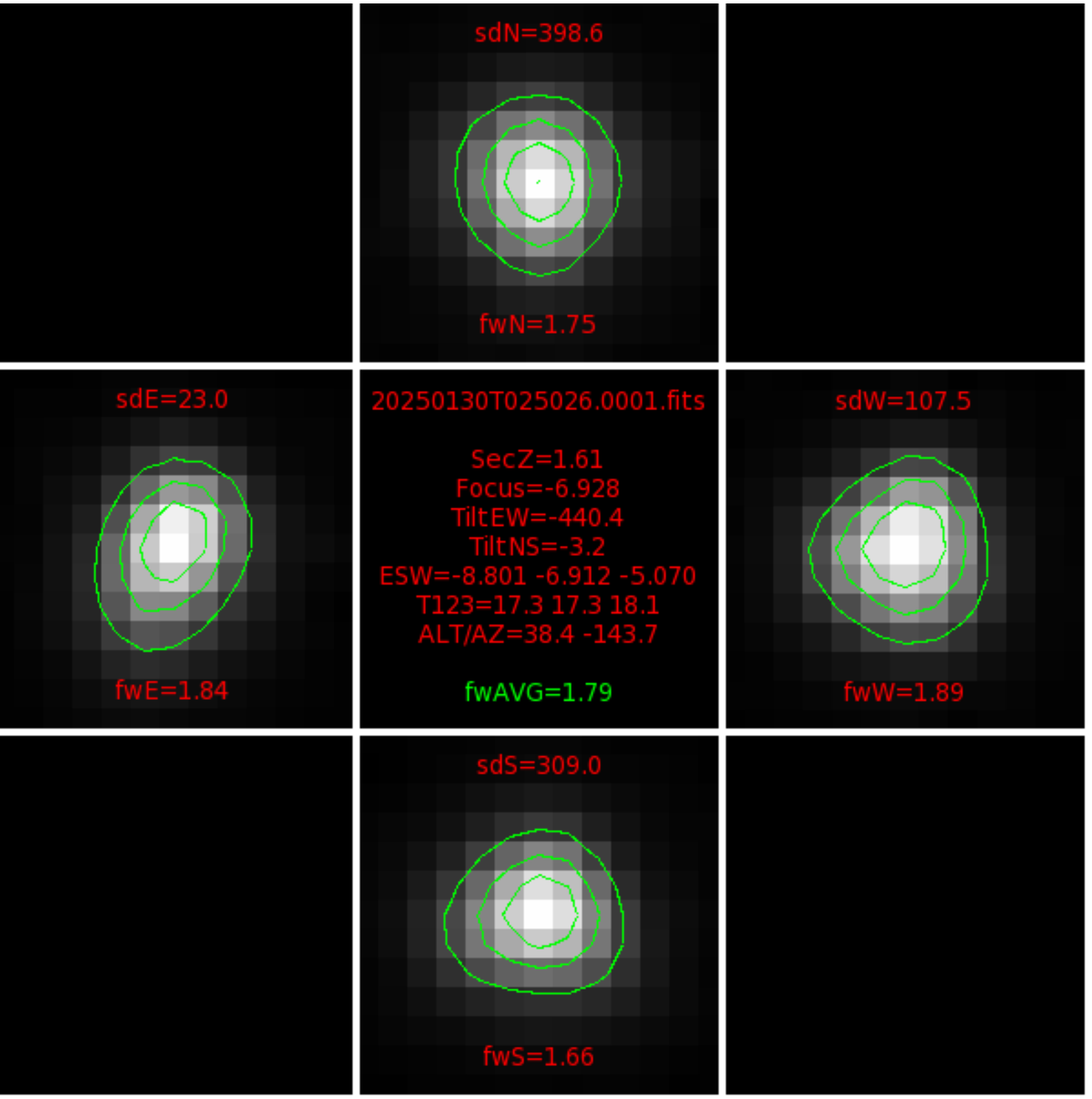
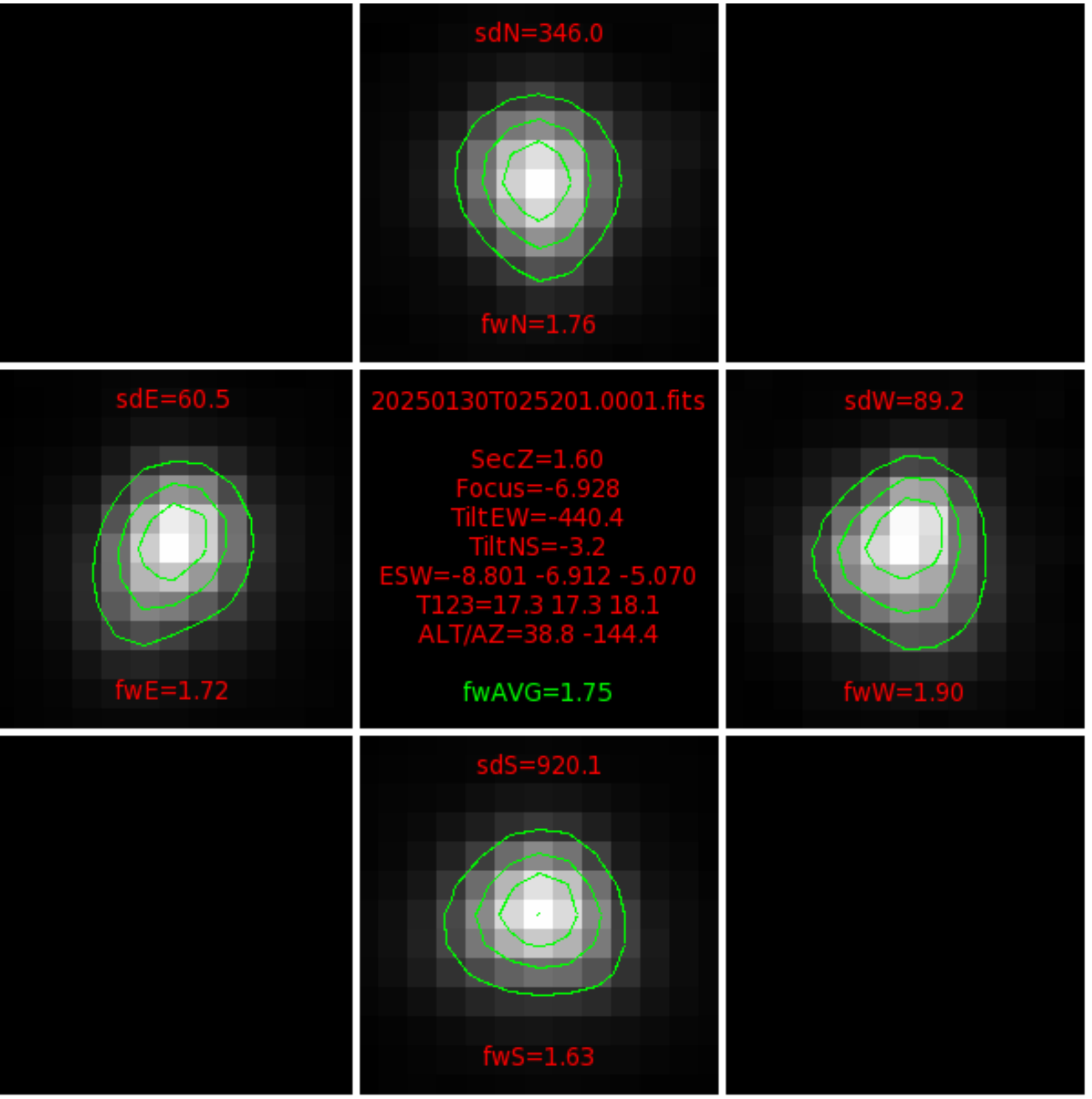

sdN=51.4
fwN=1.68
sdE=350.5
fwE=1.56
20250130T024816.0001.fits
SecZ=1.43
Focus=-6.934
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.807 -6.918 -5.076
T123=17.2 17.3 18.1
ALT/AZ=44.3 -137.4
fwAVG=1.65
sdW=28.9
fwW=1.79
sdS=306.9
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=42.3
fwN=1.61
sdE=254.3
fwE=1.65
20250130T024952.0001.fits
SecZ=1.61
Focus=-6.928
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.801 -6.912 -5.070
T123=17.2 17.3 18.1
ALT/AZ=38.5 -143.9
fwAVG=1.65
sdW=23.4
fwW=1.79
sdS=224.9
fwS=1.54
0 0 0 0 0 0 0 0 0


sdN=398.6
fwN=1.75
sdE=23.0
fwE=1.84
20250130T025026.0001.fits
SecZ=1.61
Focus=-6.928
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.801 -6.912 -5.070
T123=17.3 17.3 18.1
ALT/AZ=38.4 -143.7
fwAVG=1.79
sdW=107.5
fwW=1.89
sdS=309.0
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=346.0
fwN=1.76
sdE=60.5
fwE=1.72
20250130T025201.0001.fits
SecZ=1.60
Focus=-6.928
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.801 -6.912 -5.070
T123=17.3 17.3 18.1
ALT/AZ=38.8 -144.4
fwAVG=1.75
sdW=89.2
fwW=1.90
sdS=920.1
fwS=1.63
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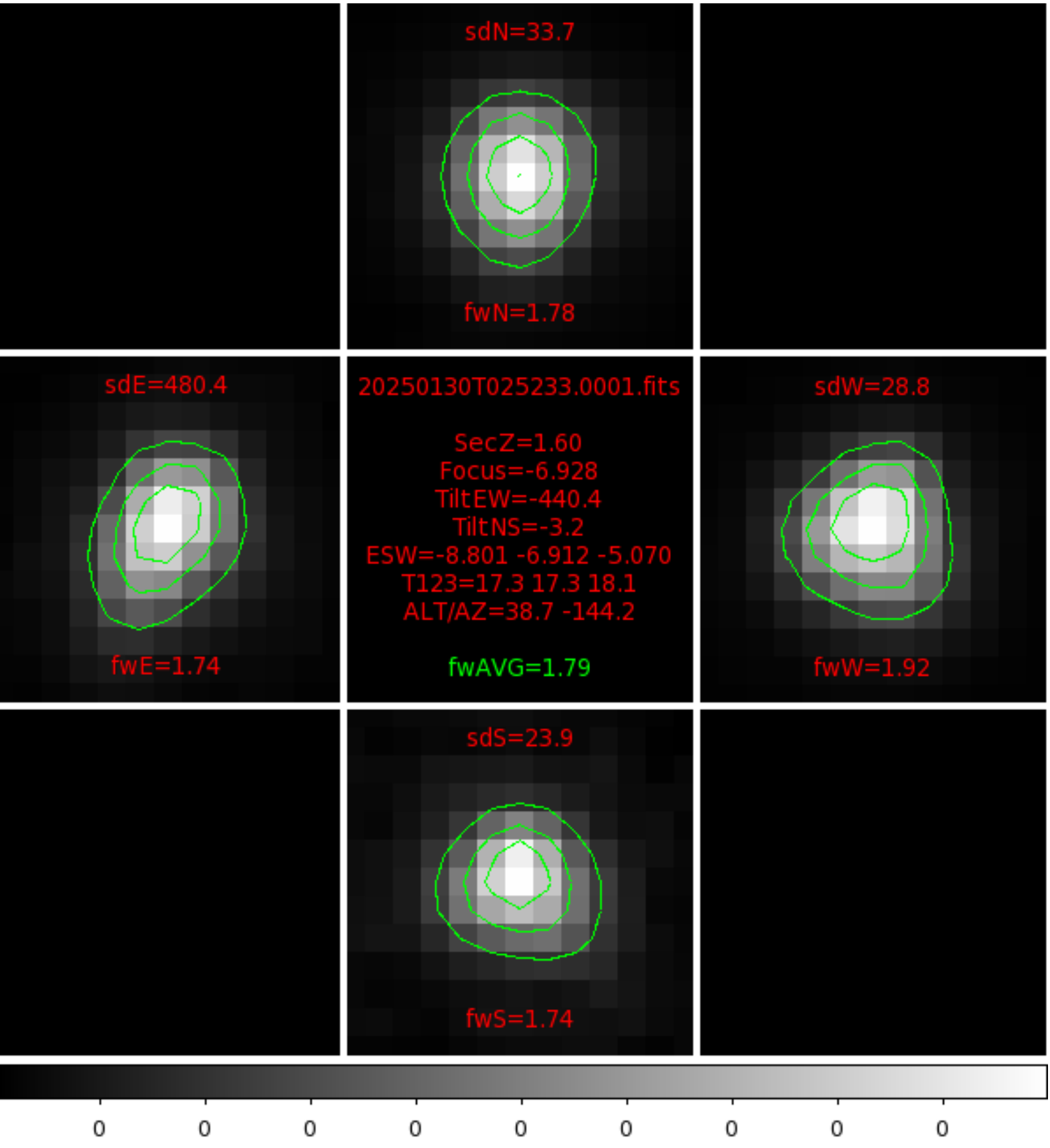
sdN=33.7
fwN=1.78
sdE=480.4
fwE=1.74
20250130T025233.0001.fits
SecZ=1.60
Focus=-6.928
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.801 -6.912 -5.070
T123=17.3 17.3 18.1
ALT/AZ=38.7 -144.2
fwAVG=1.79
sdW=28.8
fwW=1.92
sdS=23.9
fwS=1.74
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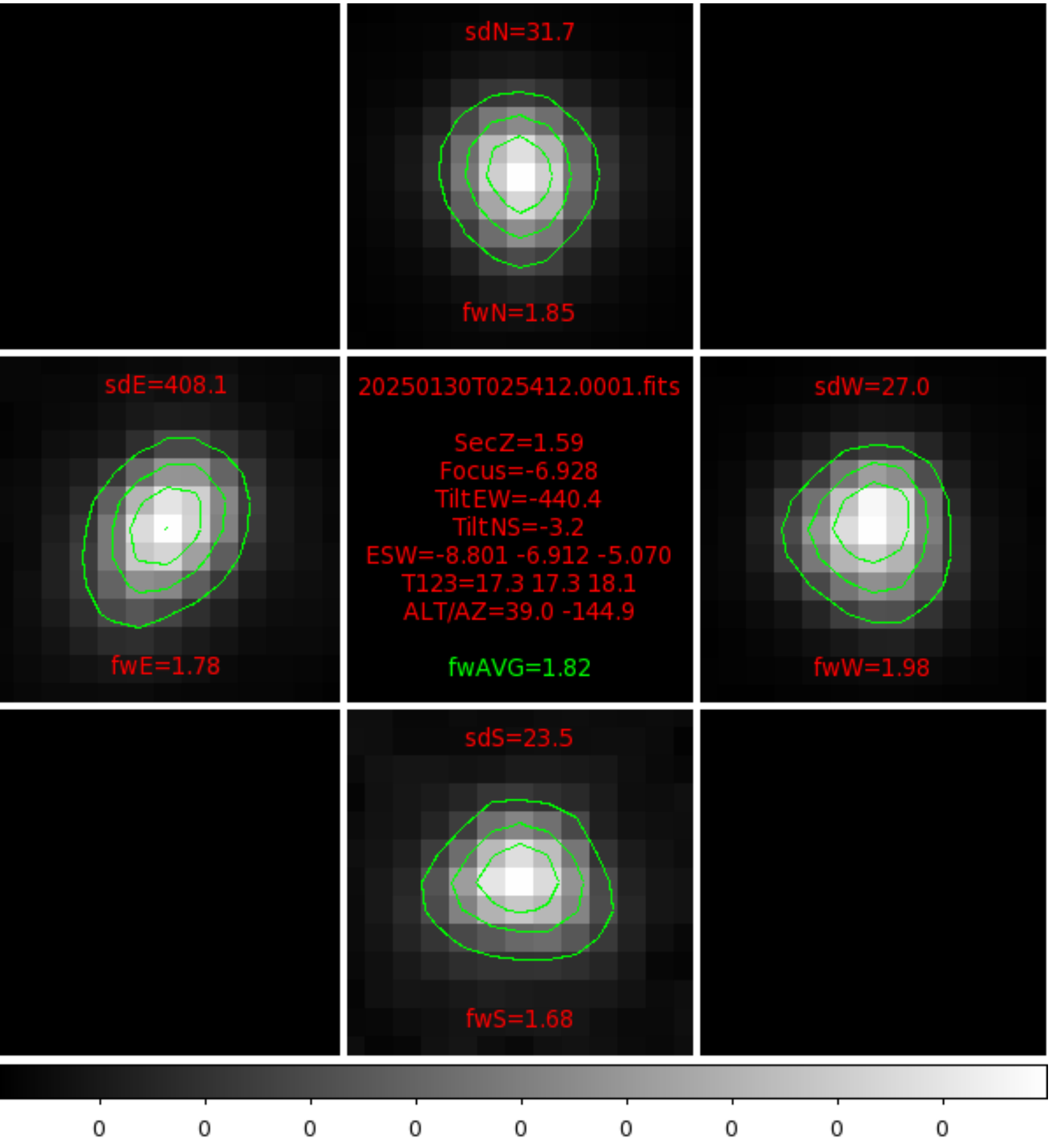
sdN=31.7
fwN=1.85
sdE=408.1
fwE=1.78
20250130T025412.0001.fits
SecZ=1.59
Focus=-6.928
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.801 -6.912 -5.070
T123=17.3 17.3 18.1
ALT/AZ=39.0 -144.9
fwAVG=1.82
sdW=27.0
fwW=1.98
sdS=23.5
fwS=1.68
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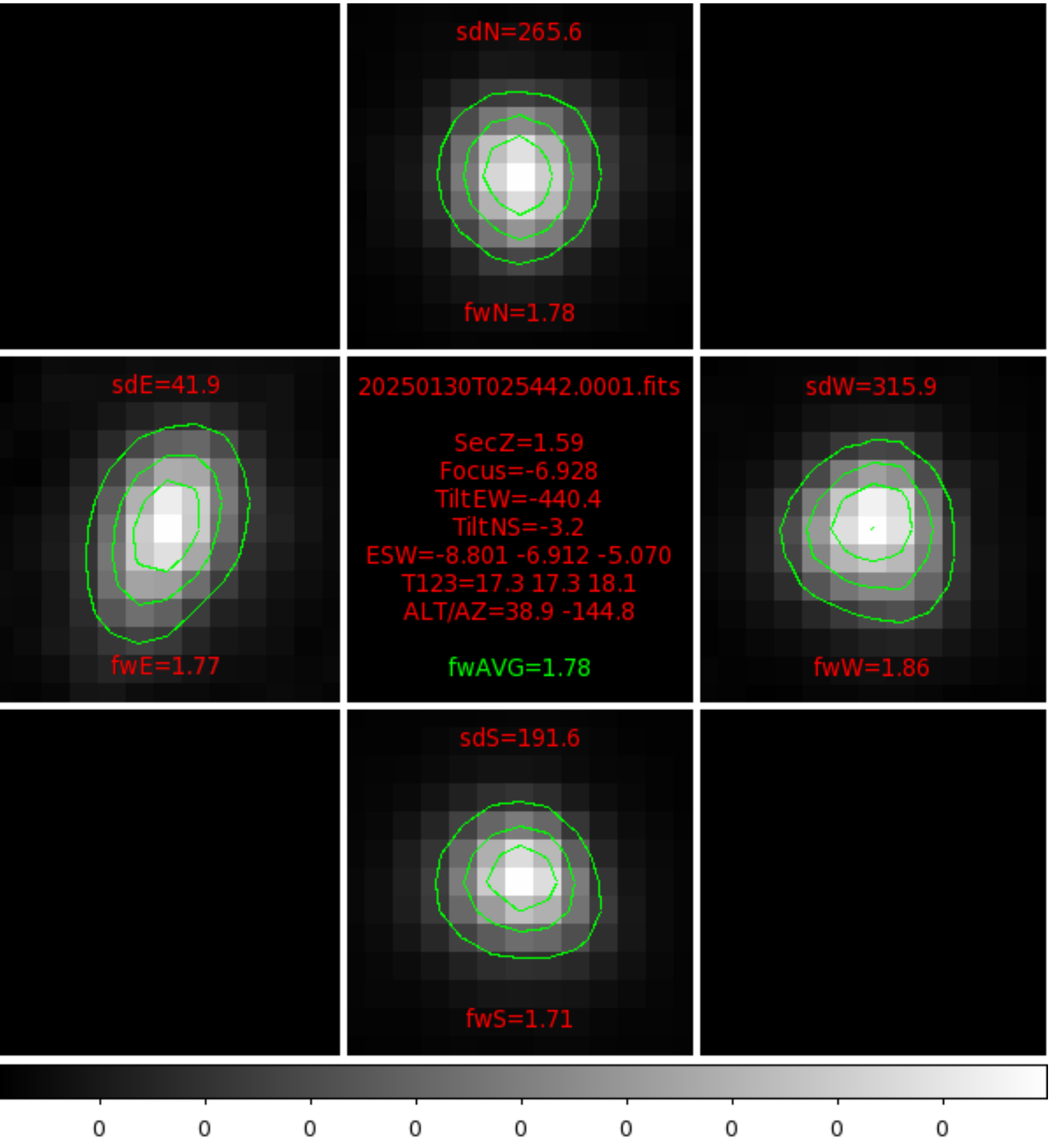
sdN=265.6
fwN=1.78
sdE=41.9
fwE=1.77
20250130T025442.0001.fits
SecZ=1.59
Focus=-6.928
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.801 -6.912 -5.070
T123=17.3 17.3 18.1
ALT/AZ=38.9 -144.8
fwAVG=1.78
sdW=315.9
fwW=1.86
sdS=191.6
fwS=1.71
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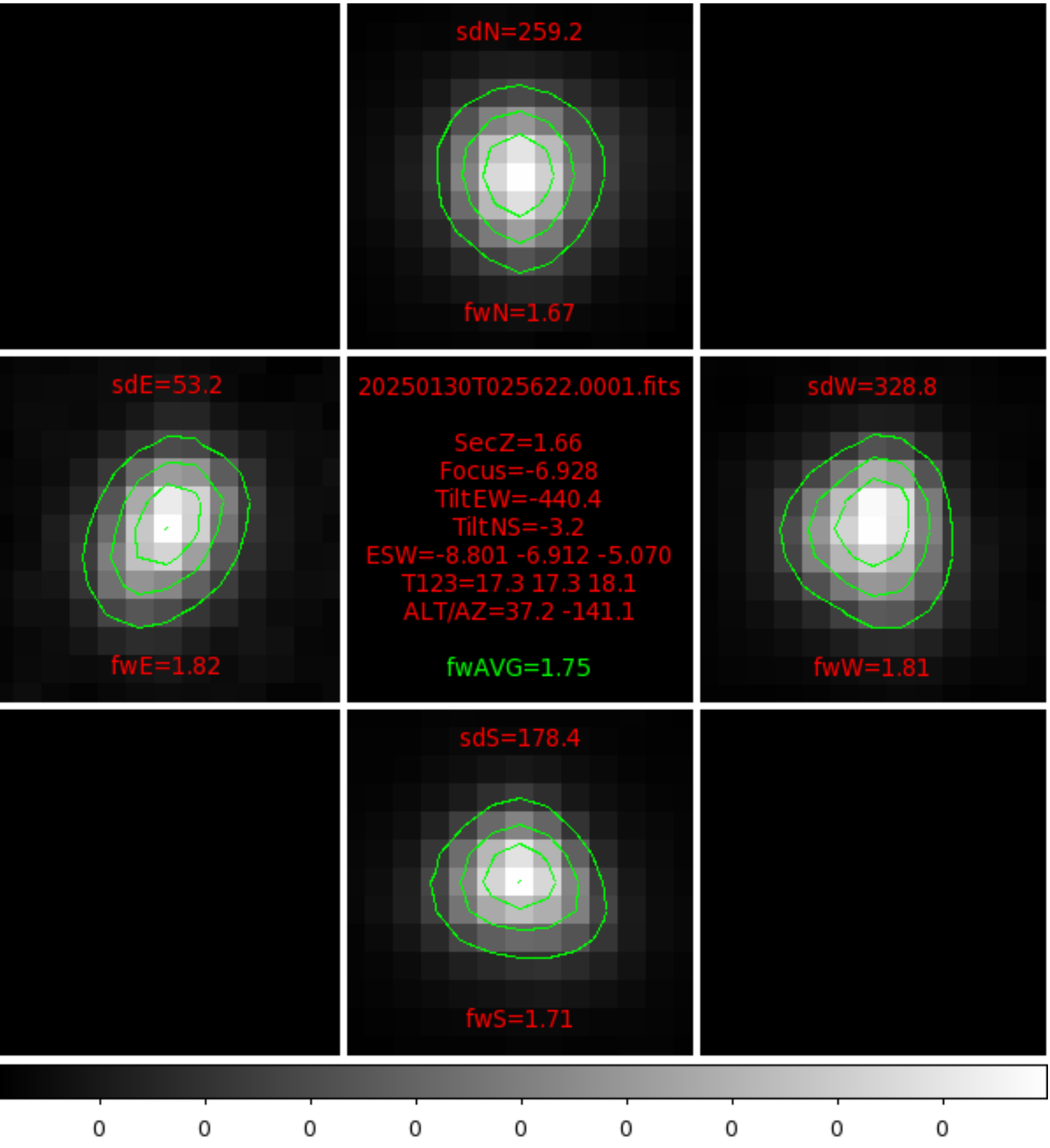
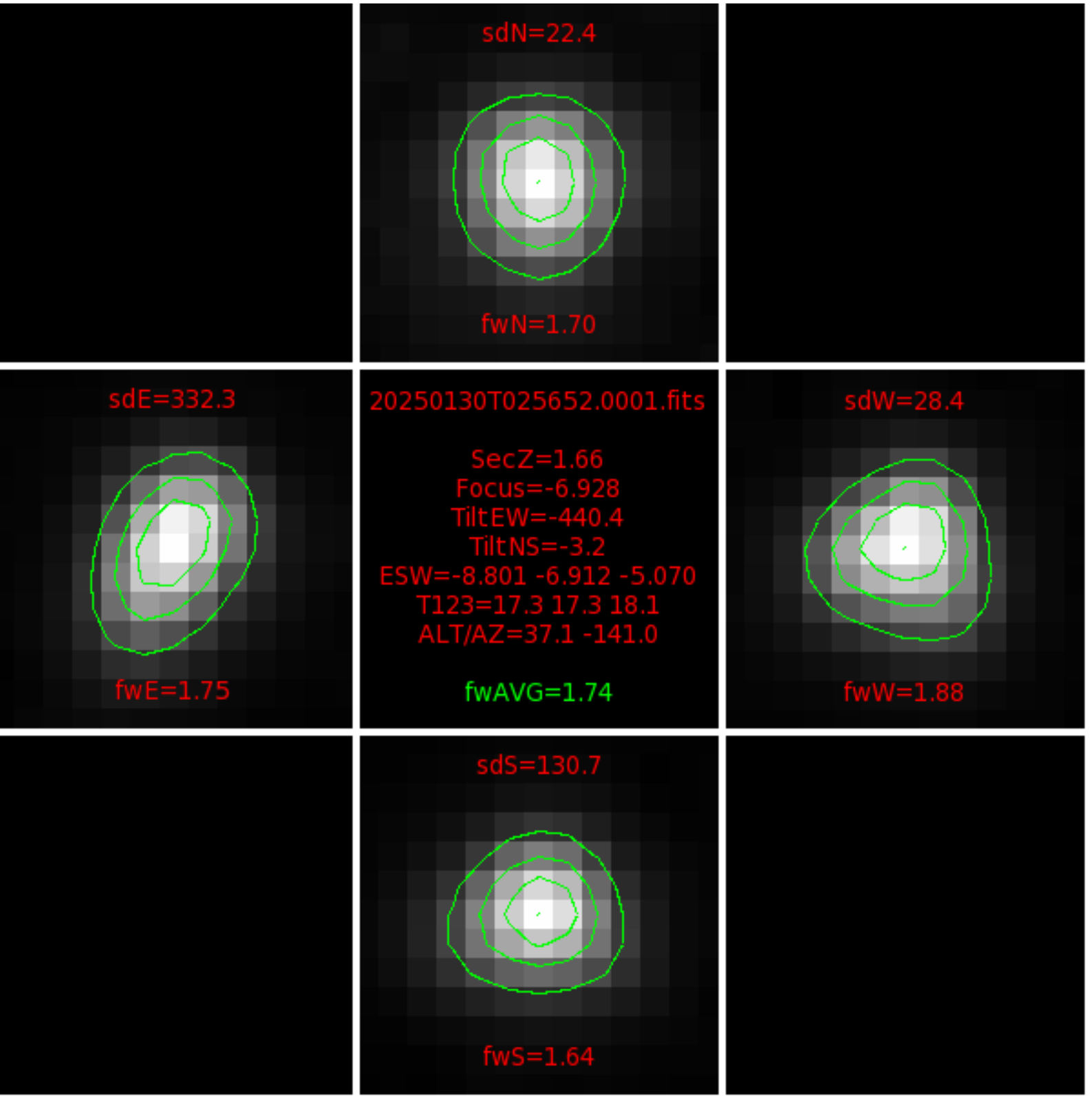

sdN=259.2
fwN=1.67
sdE=53.2
fwE=1.82
20250130T025622.0001.fits
SecZ=1.66
Focus=-6.928
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.801 -6.912 -5.070
T123=17.3 17.3 18.1
ALT/AZ=37.2 -141.1
fwAVG=1.75
sdW=328.8
fwW=1.81
sdS=178.4
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=22.4
fwN=1.70
sdE=332.3
fwE=1.75
20250130T025652.0001.fits
SecZ=1.66
Focus=-6.928
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.801 -6.912 -5.070
T123=17.3 17.3 18.1
ALT/AZ=37.1 -141.0
fwAVG=1.74
sdW=28.4
fwW=1.88
sdS=130.7
fwS=1.64
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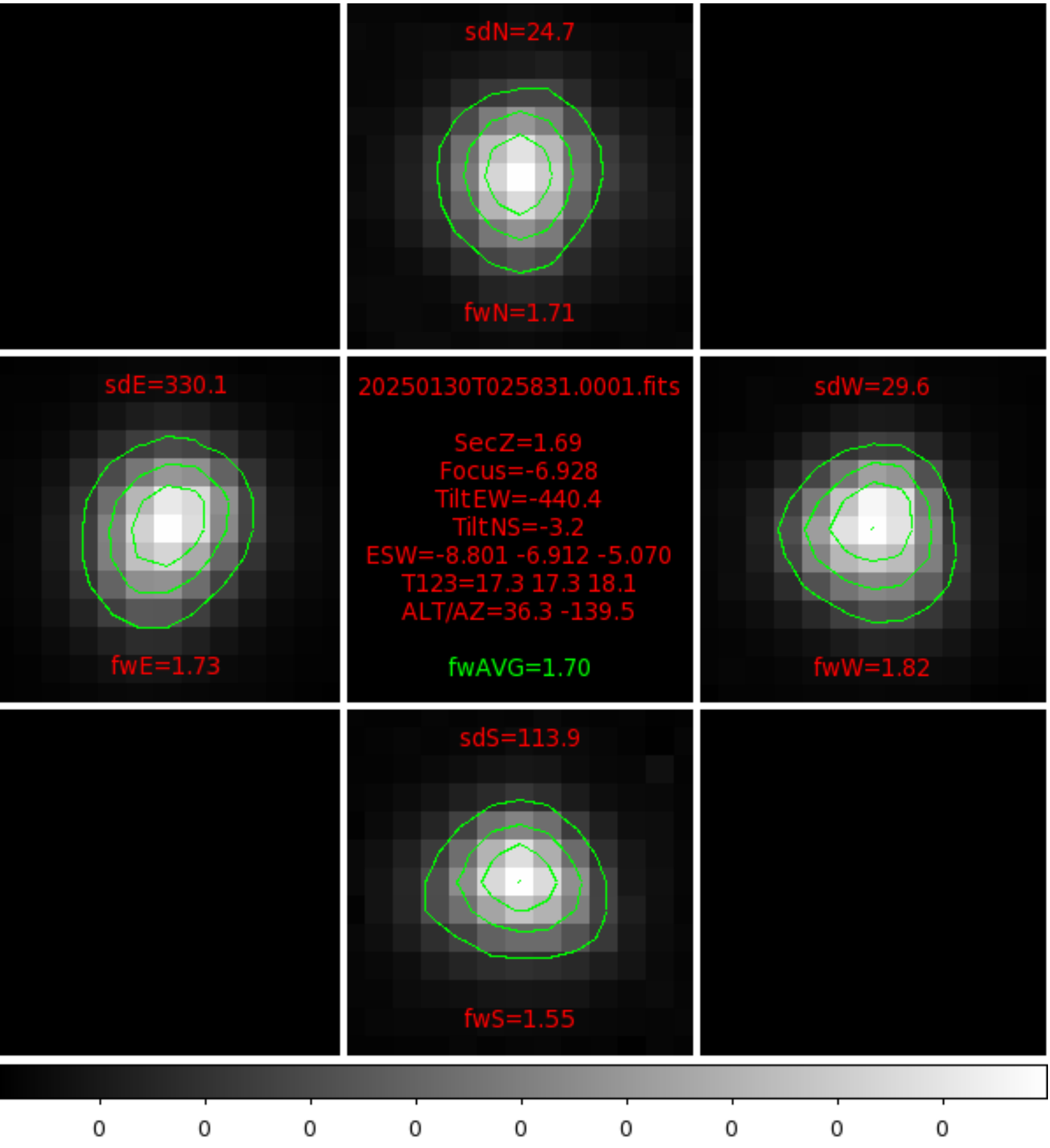
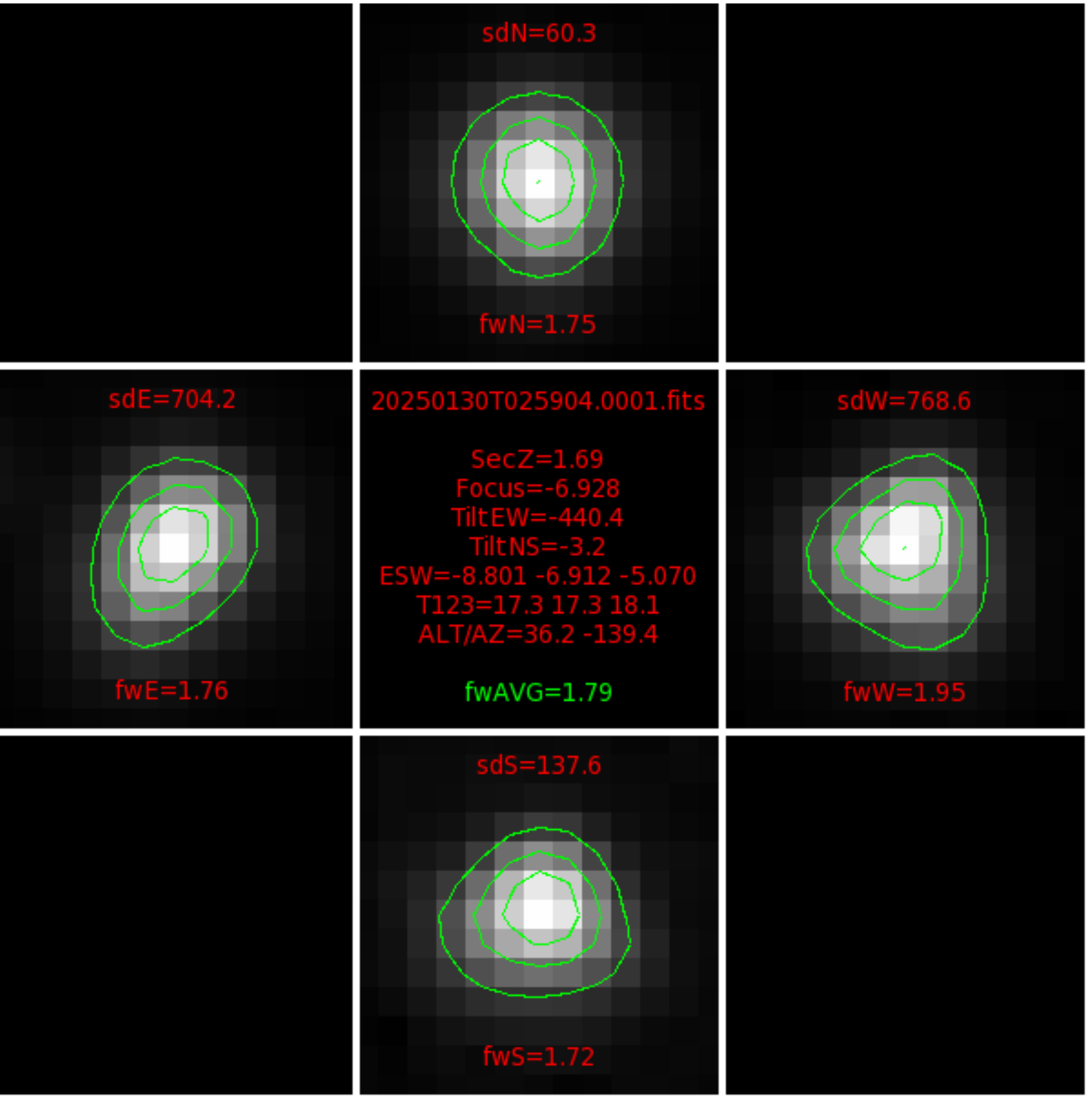
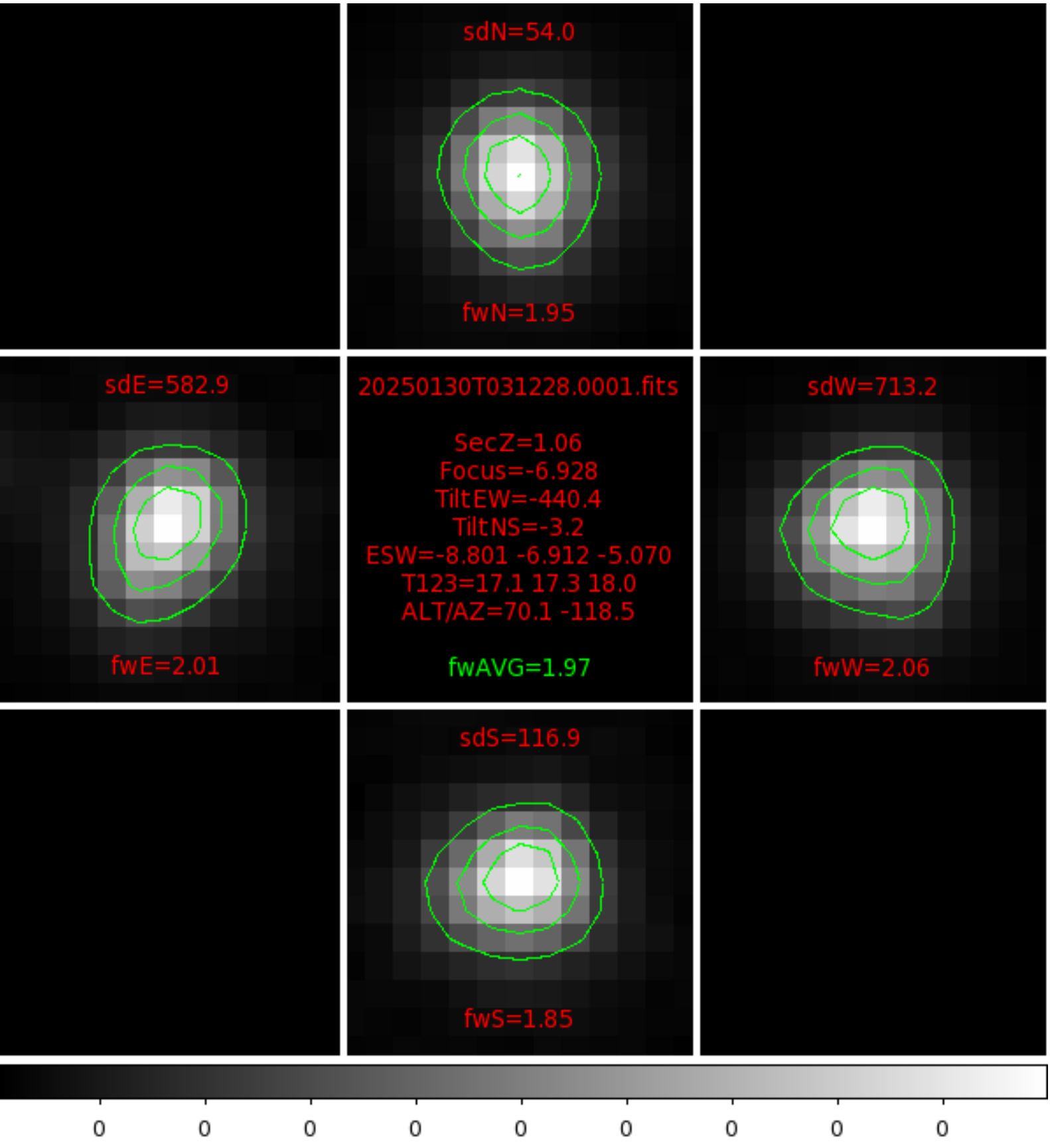

sdN=24.7
fwN=1.71
sdE=330.1
fwE=1.73
20250130T025831.0001.fits
SecZ=1.69
Focus=-6.928
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.801 -6.912 -5.070
T123=17.3 17.3 18.1
ALT/AZ=36.3 -139.5
fwAVG=1.70
sdW=29.6
fwW=1.82
sdS=113.9
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=60.3
fwN=1.75
sdE=704.2
fwE=1.76
20250130T025904.0001.fits
SecZ=1.69
Focus=-6.928
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.801 -6.912 -5.070
T123=17.3 17.3 18.1
ALT/AZ=36.2 -139.4
fwAVG=1.79
sdW=768.6
fwW=1.95
sdS=137.6
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=54.0
fwN=1.95
sdE=582.9
fwE=2.01
20250130T031228.0001.fits
SecZ=1.06
Focus=-6.928
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.801 -6.912 -5.070
T123=17.1 17.3 18.0
ALT/AZ=70.1 -118.5
fwAVG=1.97
sdW=713.2
fwW=2.06
sdS=116.9
fwS=1.85
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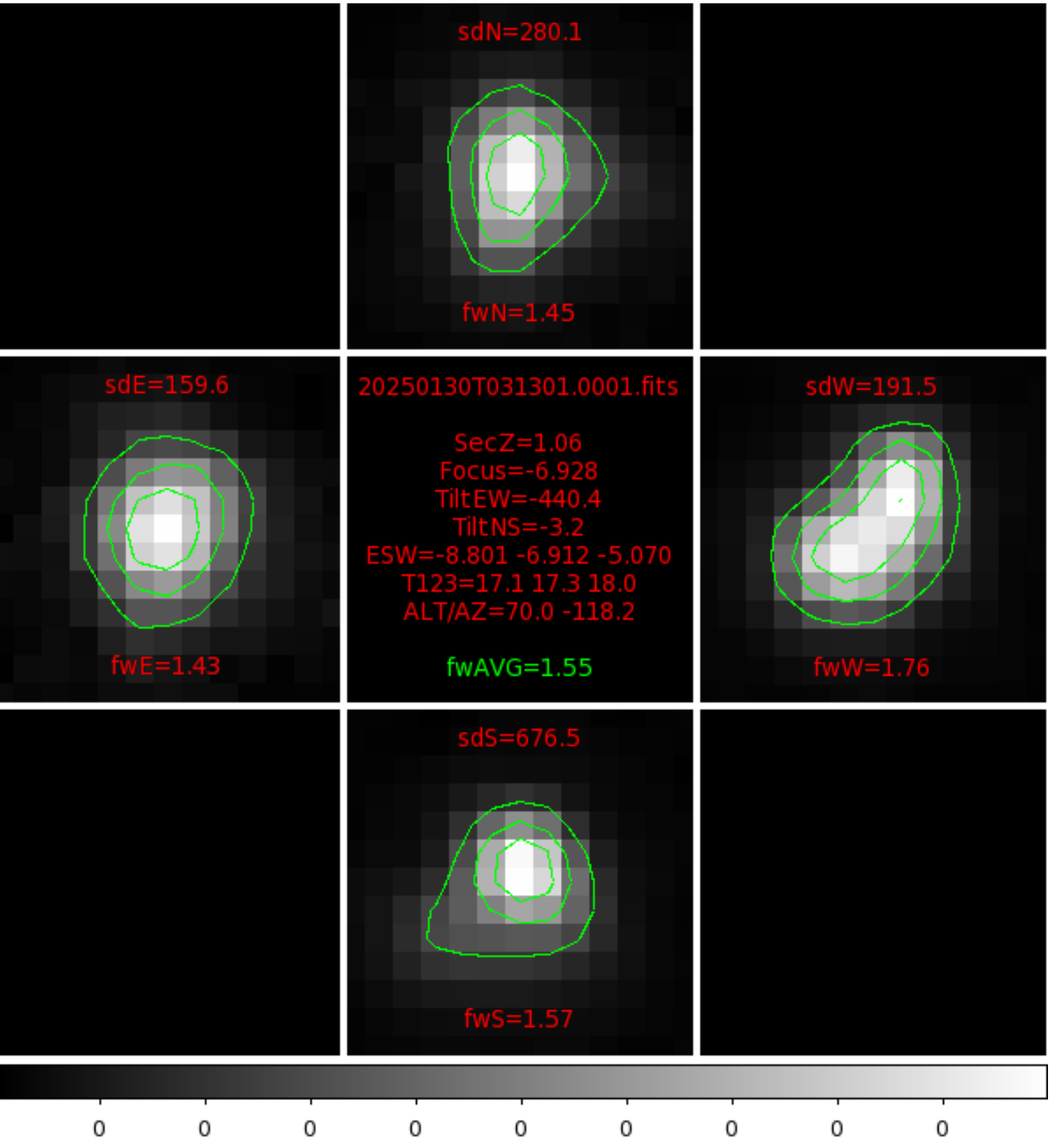
sdN=280.1
fwN=1.45
sdE=159.6
fwE=1.43
20250130T031301.0001.fits
SecZ=1.06
Focus=-6.928
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.801 -6.912 -5.070
T123=17.1 17.3 18.0
ALT/AZ=70.0 -118.2
fwAVG=1.55
sdW=191.5
fwW=1.76
sdS=676.5
fwS=1.57
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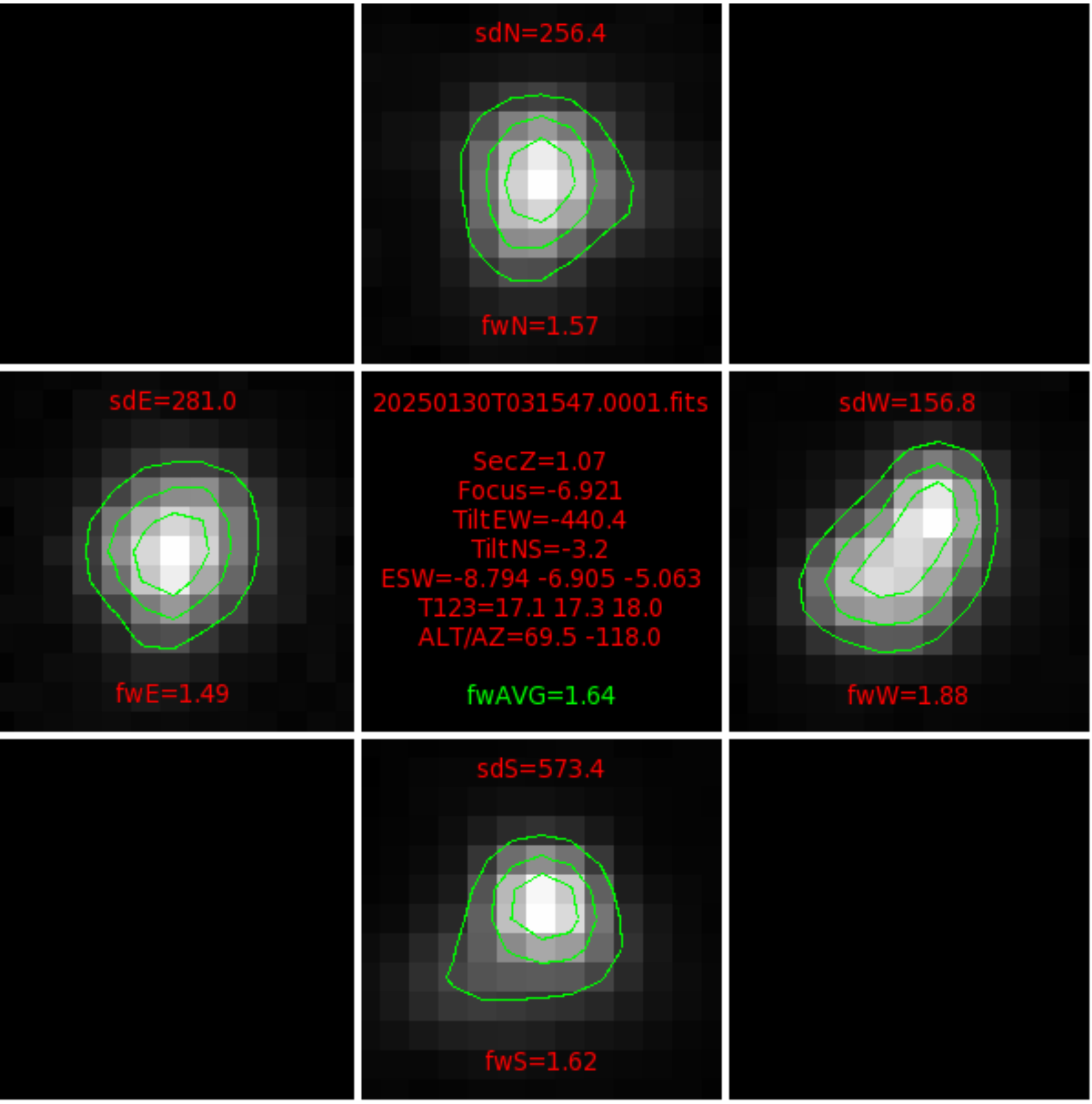
sdN=256.4
fwN=1.57
sdE=281.0
fwE=1.49
20250130T031547.0001.fits
SecZ=1.07
Focus=-6.921
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.794 -6.905 -5.063
T123=17.1 17.3 18.0
ALT/AZ=69.5 -118.0
fwAVG=1.64
sdW=156.8
fwW=1.88
sdS=573.4
fwS=1.62
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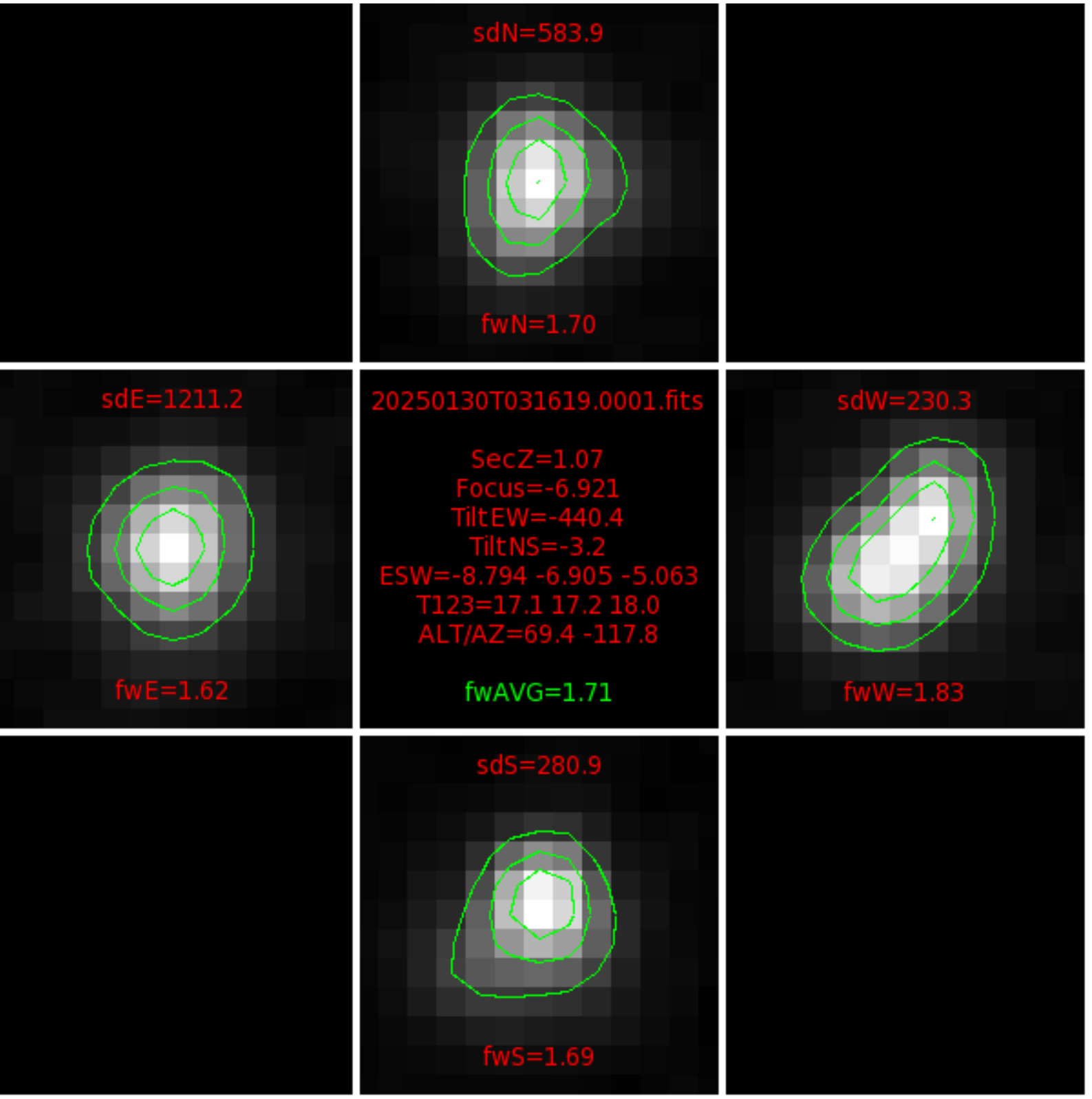
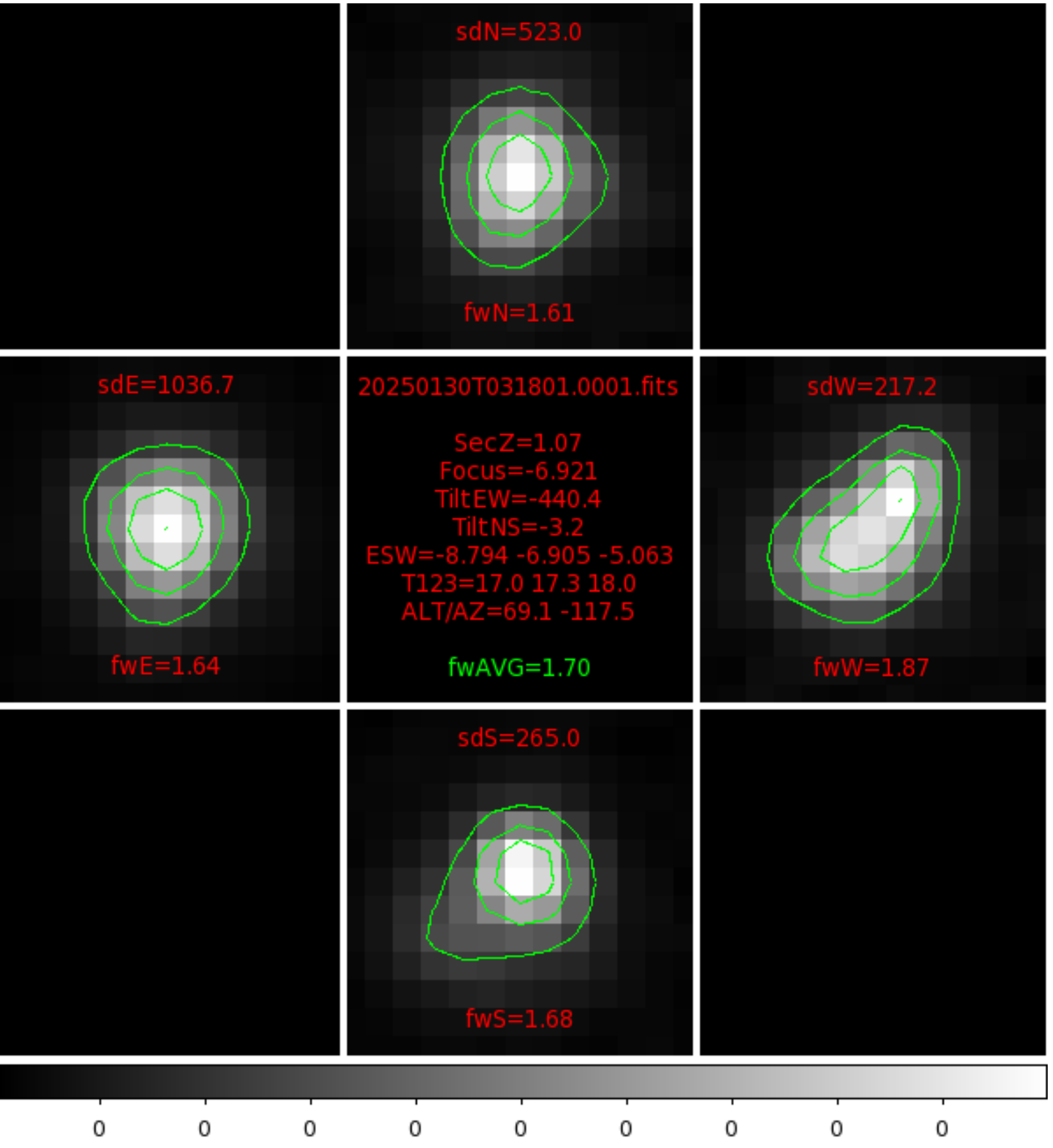

sdN=583.9
fwN=1.70
sdE=1211.2
fwE=1.62
20250130T031619.0001.fits
SecZ=1.07
Focus=-6.921
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.794 -6.905 -5.063
T123=17.1 17.2 18.0
ALT/AZ=69.4 -117.8
fwAVG=1.71
sdW=230.3
fwW=1.83
sdS=280.9
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=523.0
fwN=1.61
sdE=1036.7
fwE=1.64
20250130T031801.0001.fits
SecZ=1.07
Focus=-6.921
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.794 -6.905 -5.063
T123=17.0 17.3 18.0
ALT/AZ=69.1 -117.5
fwAVG=1.70
sdW=217.2
fwW=1.87
sdS=265.0
fwS=1.68
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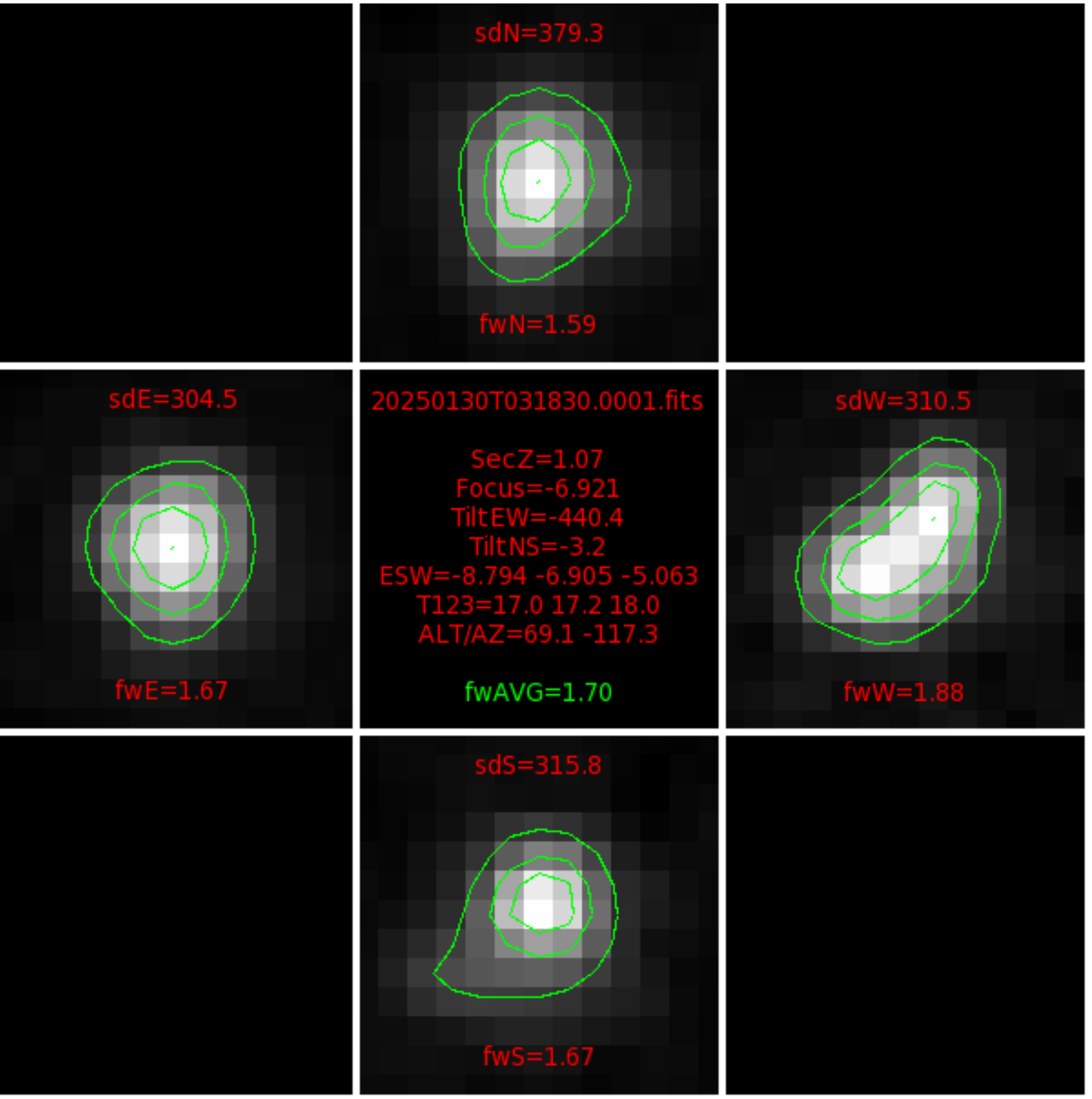
sdN=379.3
fwN=1.59
sdE=304.5
fwE=1.67
20250130T031830.0001.fits
SecZ=1.07
Focus=-6.921
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.794 -6.905 -5.063
T123=17.0 17.2 18.0
ALT/AZ=69.1 -117.3
fwAVG=1.70
sdW=310.5
fwW=1.88
sdS=315.8
fwS=1.67
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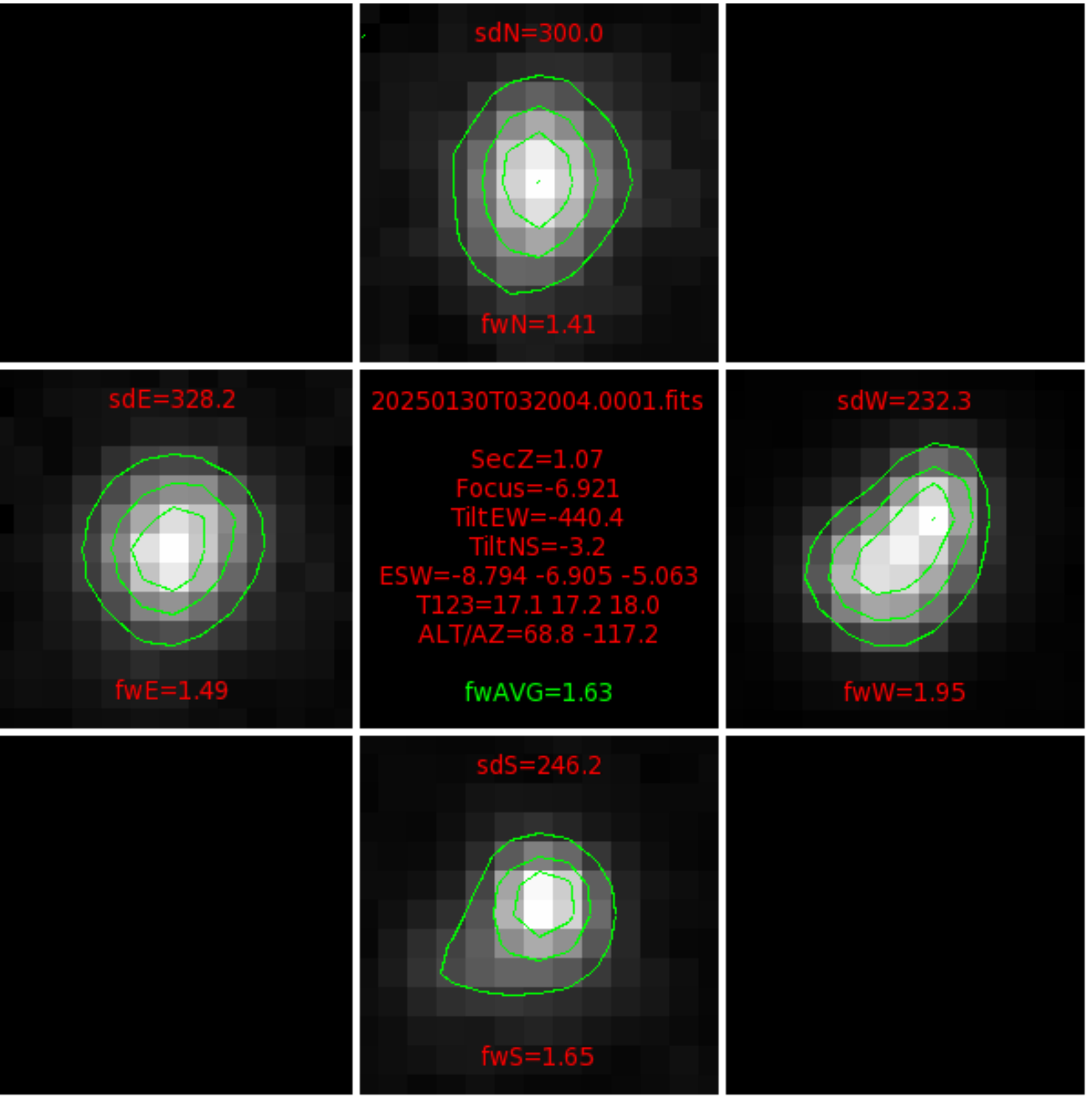
sdN=300.0
fwN=1.41
sdE=328.2
fwE=1.49
20250130T032004.0001.fits
SecZ=1.07
Focus=-6.921
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.794 -6.905 -5.063
T123=17.1 17.2 18.0
ALT/AZ=68.8 -117.2
fwAVG=1.63
sdW=232.3
fwW=1.95
sdS=246.2
fwS=1.65
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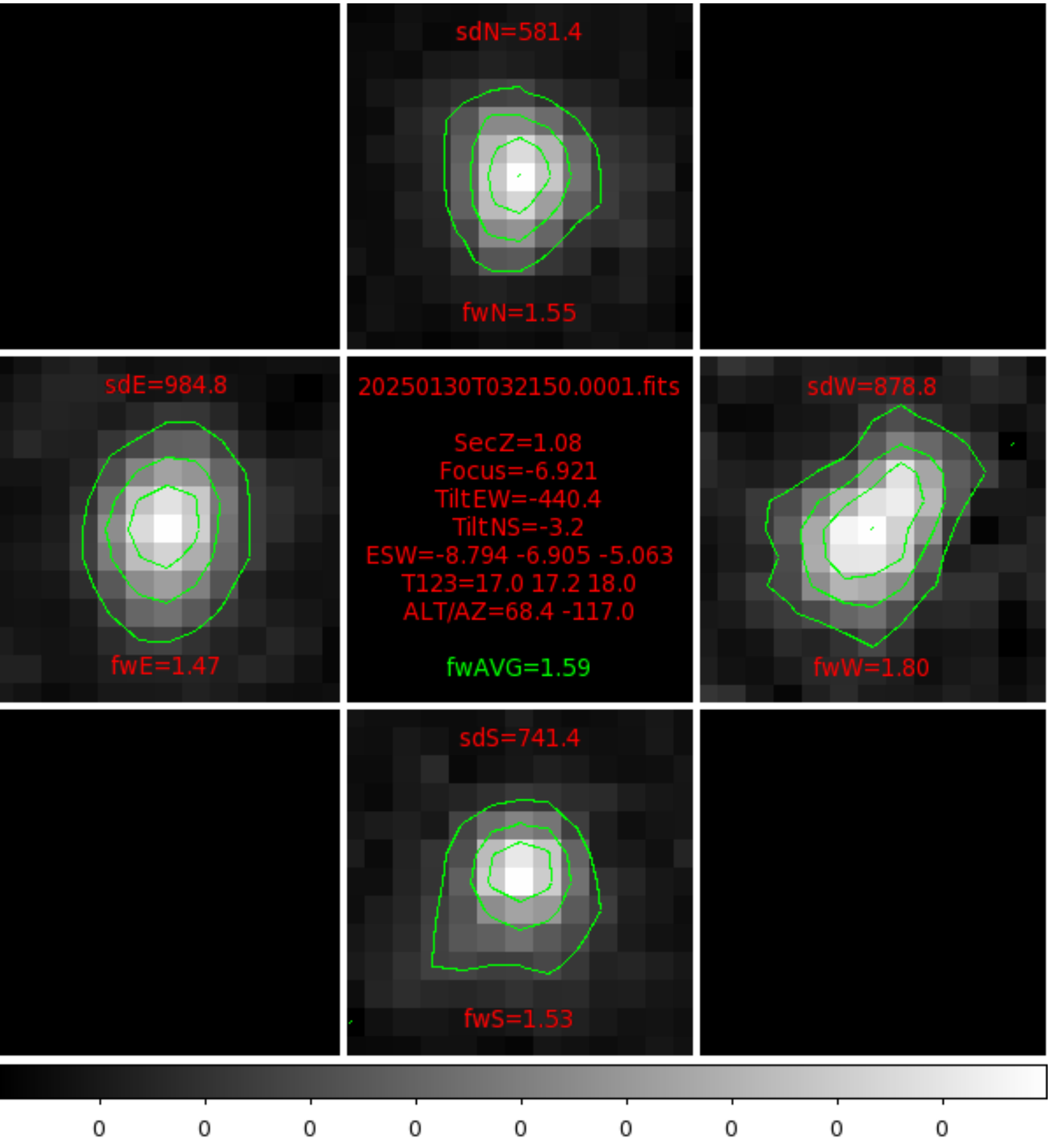
sdN=581.4
fwN=1.55
sdE=984.8
fwE=1.47
20250130T032150.0001.fits
SecZ=1.08
Focus=-6.921
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.794 -6.905 -5.063
T123=17.0 17.2 18.0
ALT/AZ=68.4 -117.0
fwAVG=1.59
sdW=878.8
fwW=1.80
sdS=741.4
fwS=1.53
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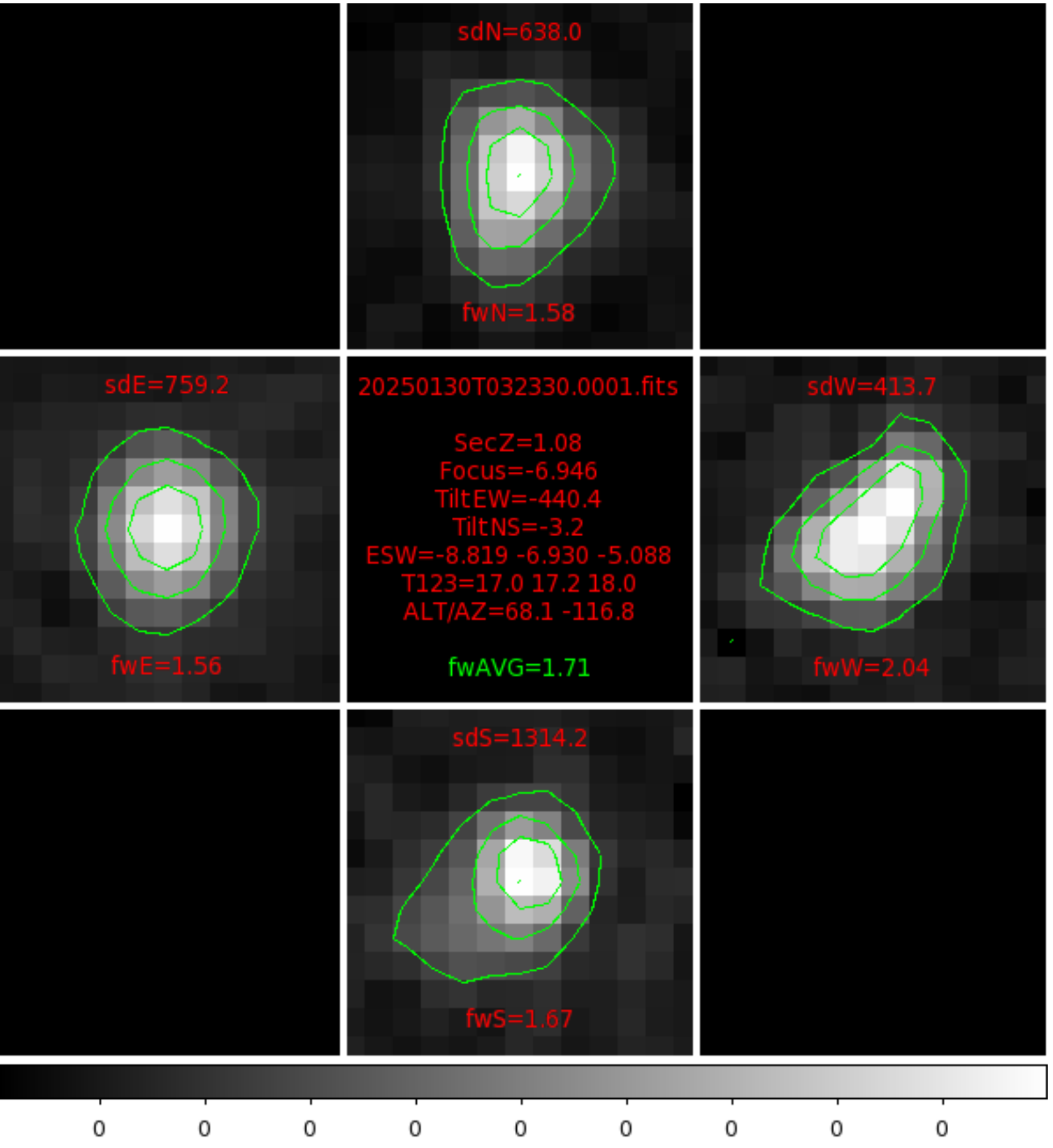
sdN=638.0
fwN=1.58
sdE=759.2
fwE=1.56
20250130T032330.0001.fits
SecZ=1.08
Focus=-6.946
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.819 -6.930 -5.088
T123=17.0 17.2 18.0
ALT/AZ=68.1 -116.8
fwAVG=1.71
sdW=413.7
fwW=2.04
sdS=1314.2
fwS=1.67
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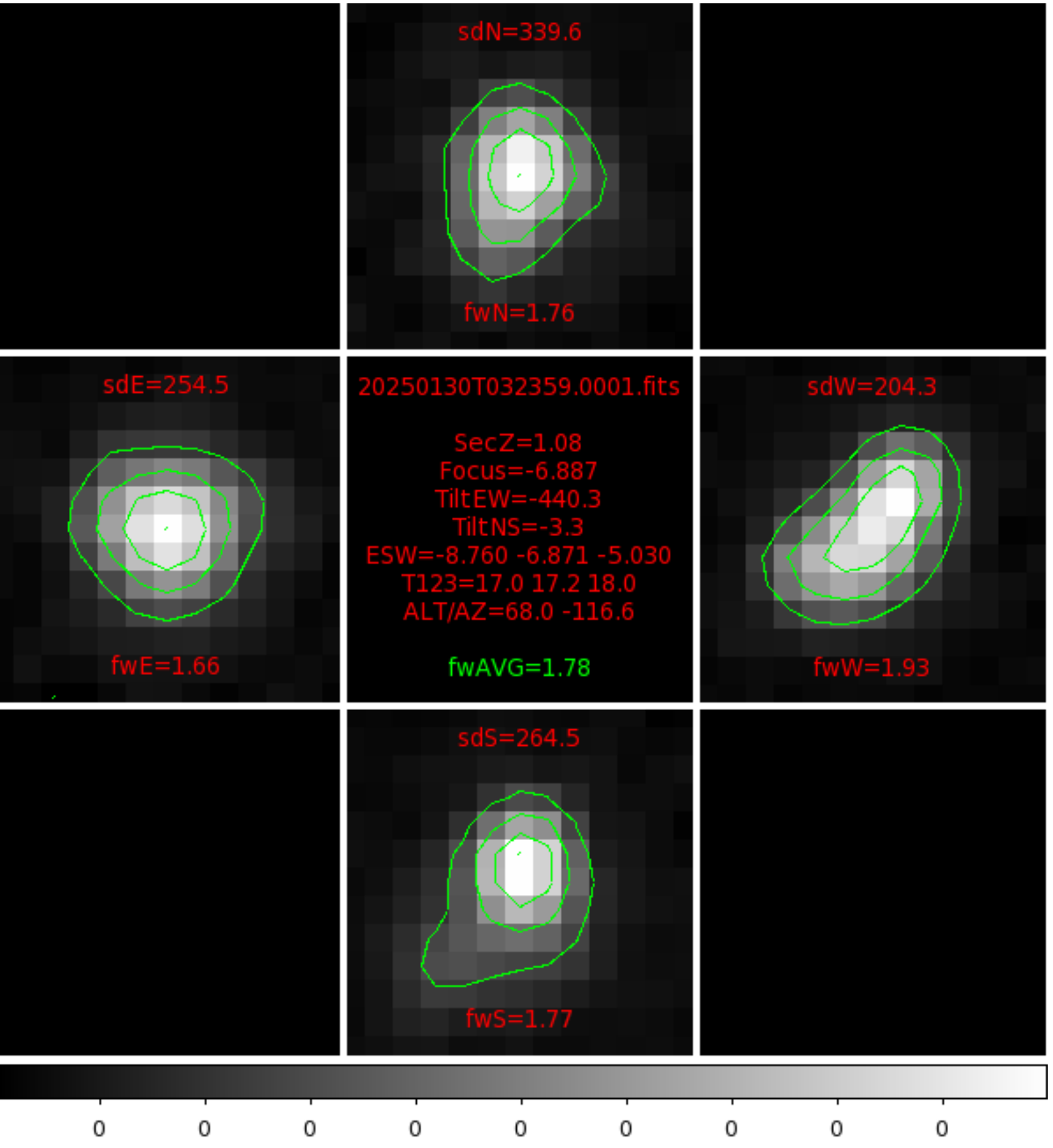
sdN=339.6
fwN=1.76
sdE=254.5
fwE=1.66
20250130T032359.0001.fits
SecZ=1.08
Focus=-6.887
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.760 -6.871 -5.030
T123=17.0 17.2 18.0
ALT/AZ=68.0 -116.6
fwAVG=1.78
sdW=204.3
fwW=1.93
sdS=264.5
fwS=1.77
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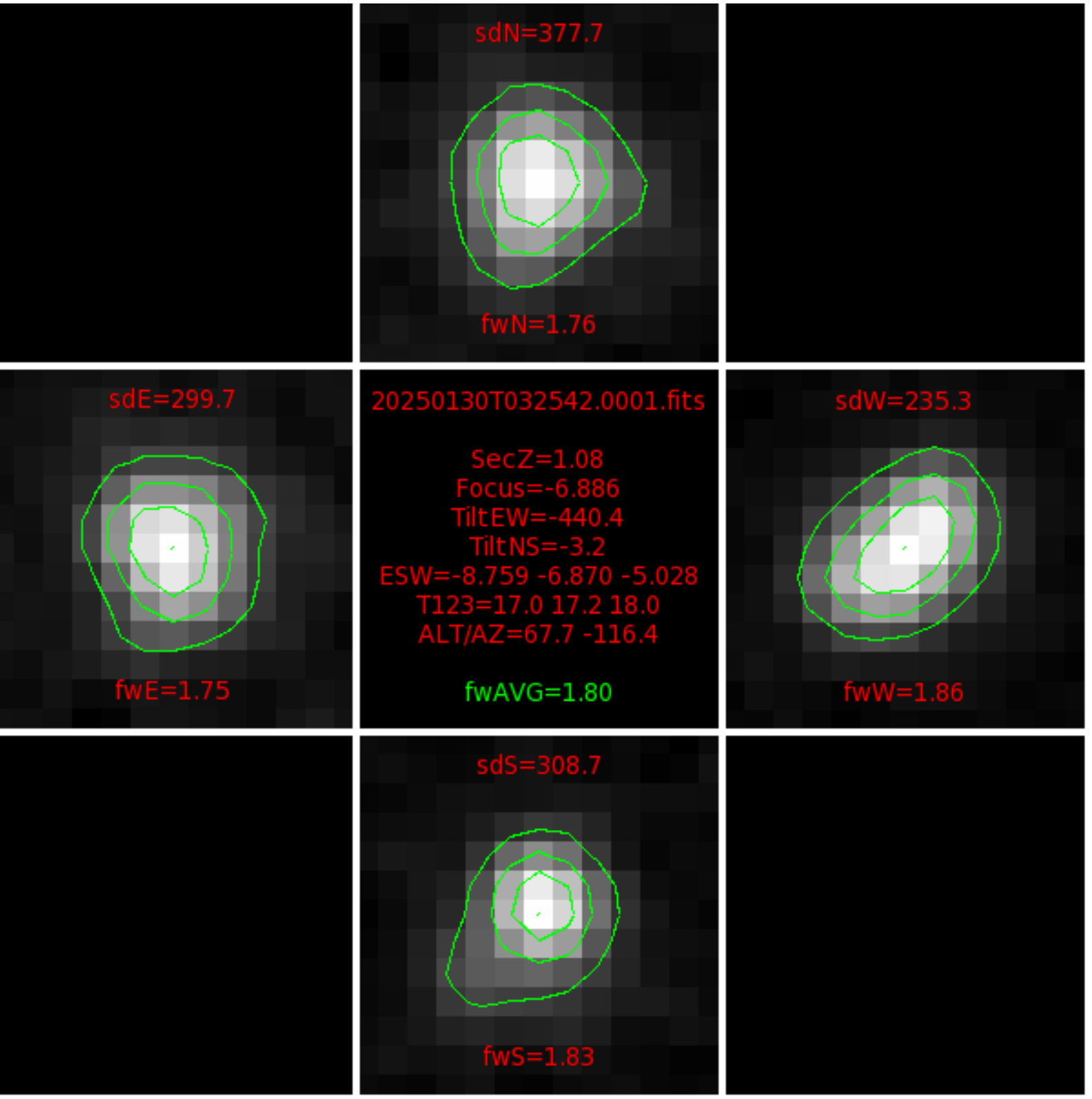
sdN=377.7
fwN=1.76
sdE=299.7
fwE=1.75
20250130T032542.0001.fits
SecZ=1.08
Focus=-6.886
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.759 -6.870 -5.028
T123=17.0 17.2 18.0
ALT/AZ=67.7 -116.4
fwAVG=1.80
sdW=235.3
fwW=1.86
sdS=308.7
fwS=1.83
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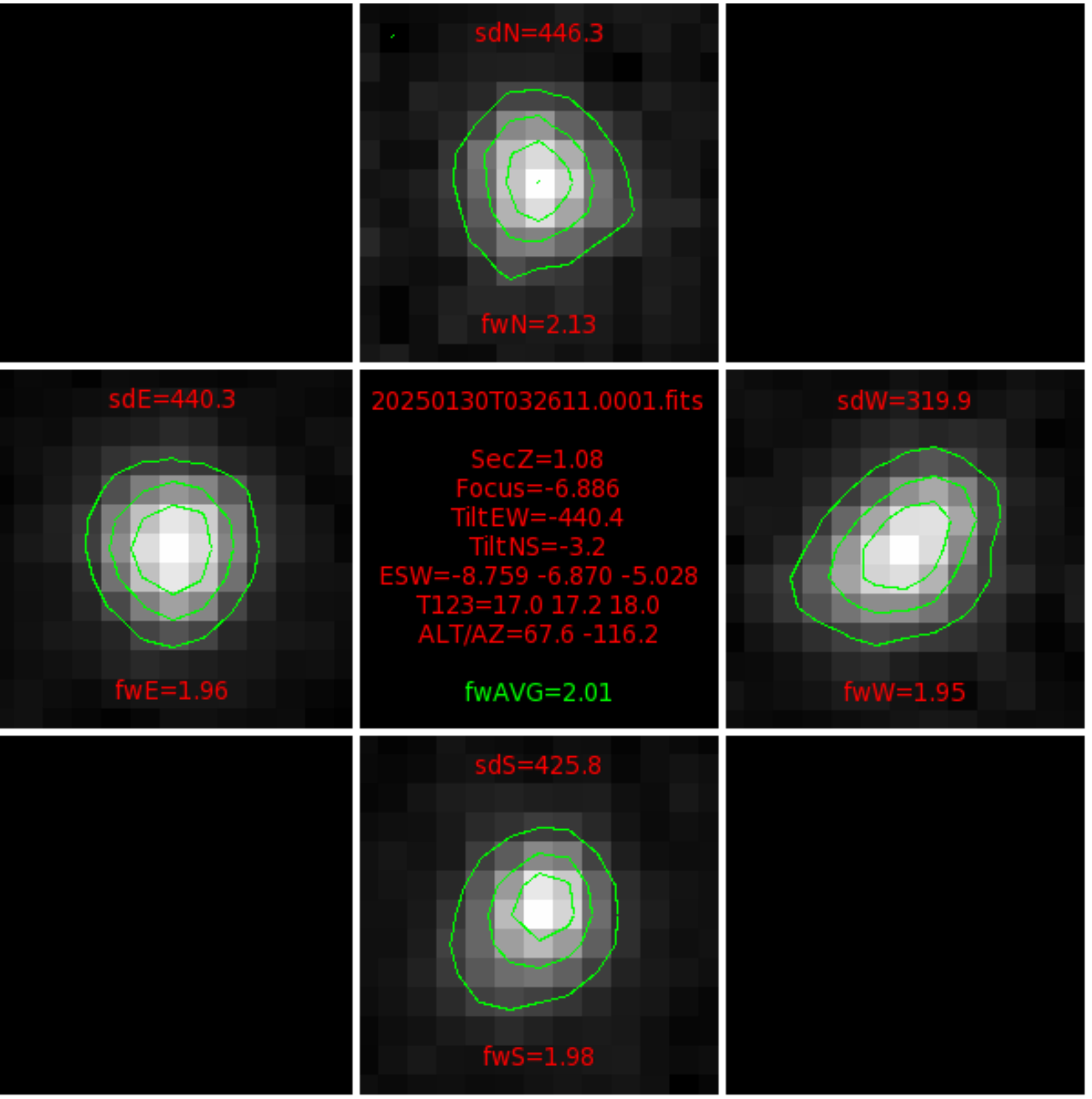
sdN=446.3
fwN=2.13
sdE=440.3
fwE=1.96
20250130T032611.0001.fits
SecZ=1.08
Focus=-6.886
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.759 -6.870 -5.028
T123=17.0 17.2 18.0
ALT/AZ=67.6 -116.2
fwAVG=2.01
sdW=319.9
fwW=1.95
sdS=425.8
fwS=1.98
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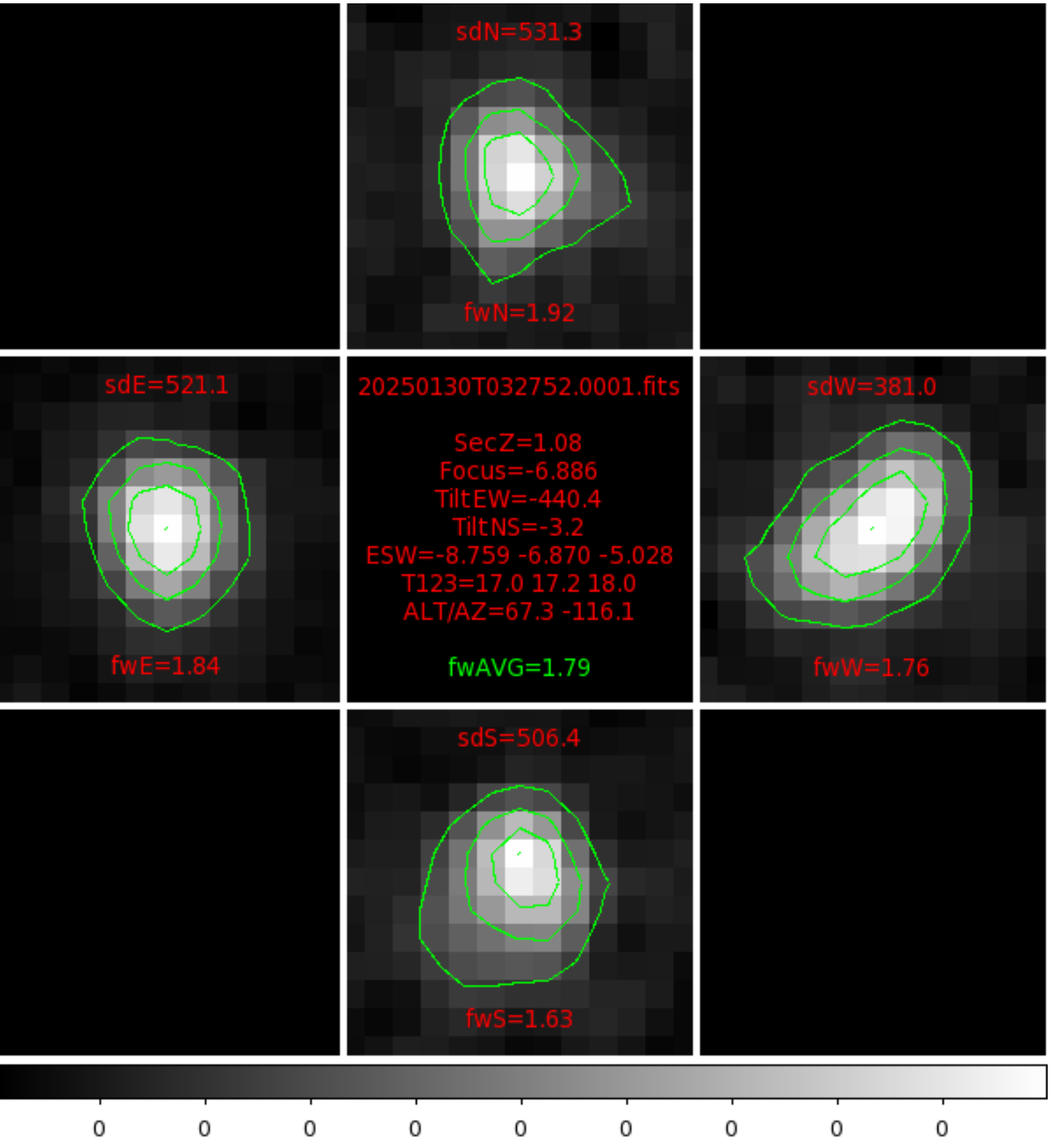
sdN=531.3
fwN=1.92
sdE=521.1
fwE=1.84
20250130T032752.0001.fits
SecZ=1.08
Focus=-6.886
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.759 -6.870 -5.028
T123=17.0 17.2 18.0
ALT/AZ=67.3 -116.1
fwAVG=1.79
sdW=381.0
fwW=1.76
sdS=506.4
fwS=1.63
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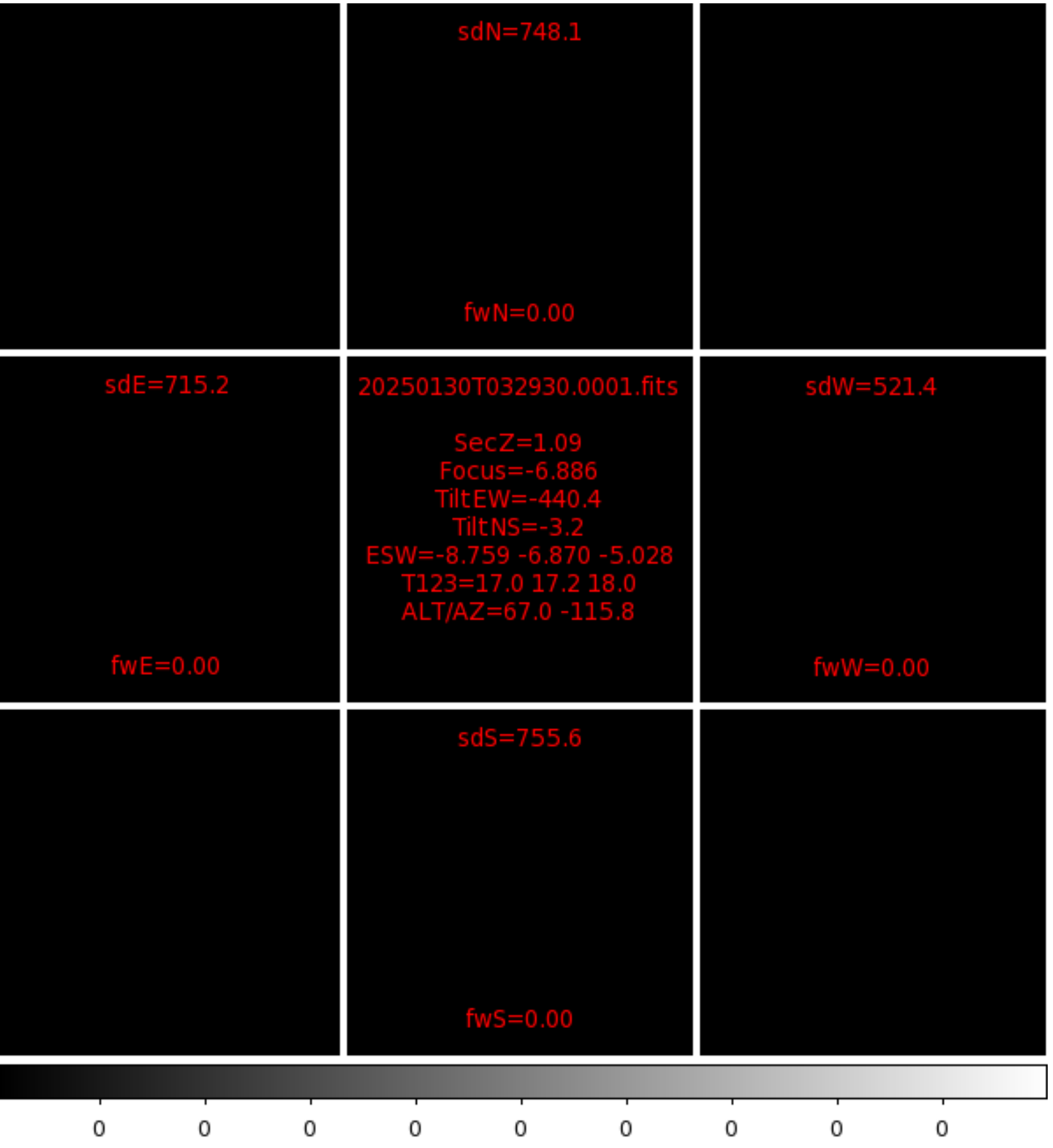
sdN=748.1
fwN=0.00
sdE=715.2
fwE=0.00
20250130T032930.0001.fits
SecZ=1.09
Focus=-6.886
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.759 -6.870 -5.028
T123=17.0 17.2 18.0
ALT/AZ=67.0 -115.8
sdW=521.4
fwW=0.00
sdS=755.6
fwS=0.00
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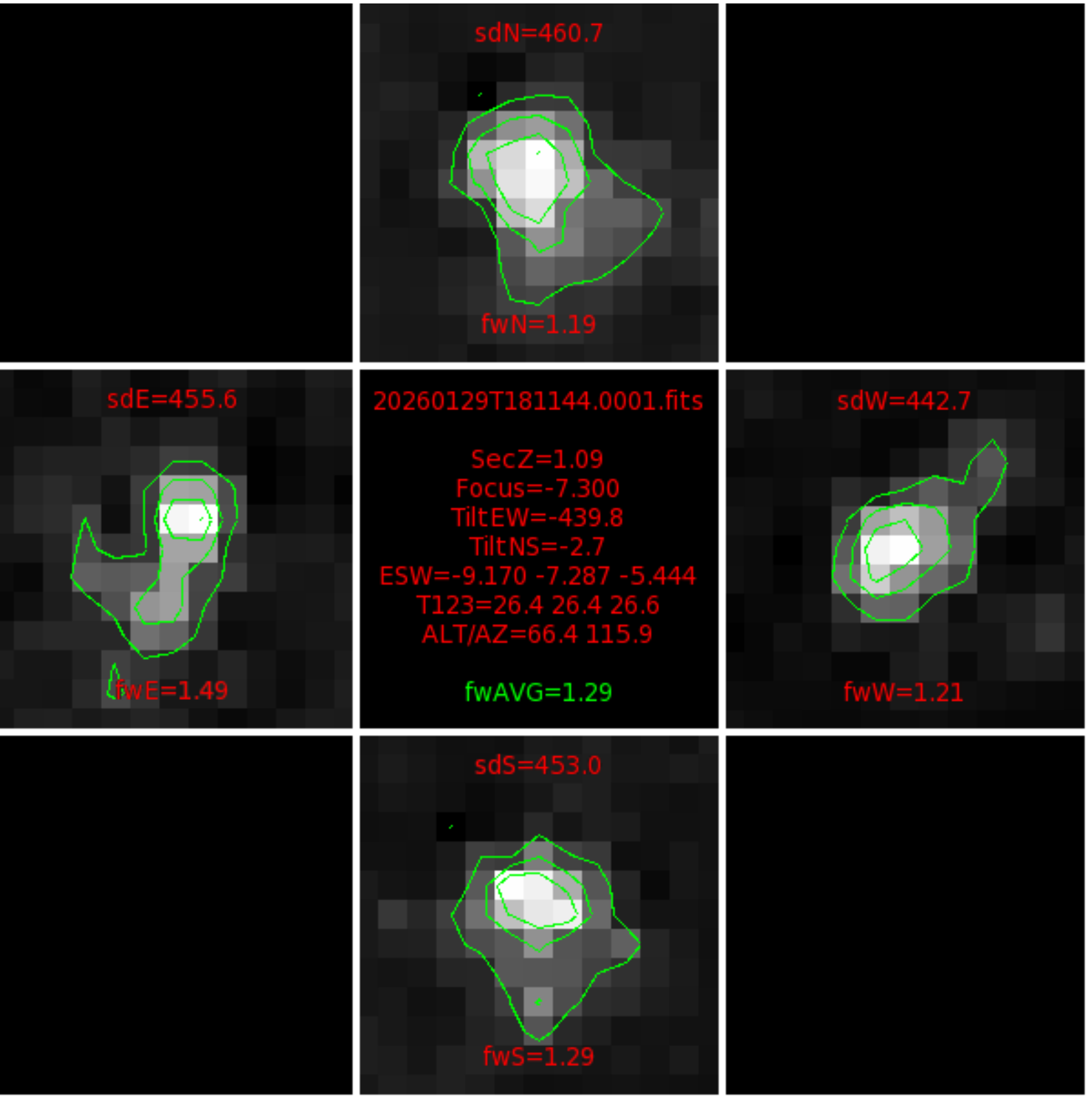
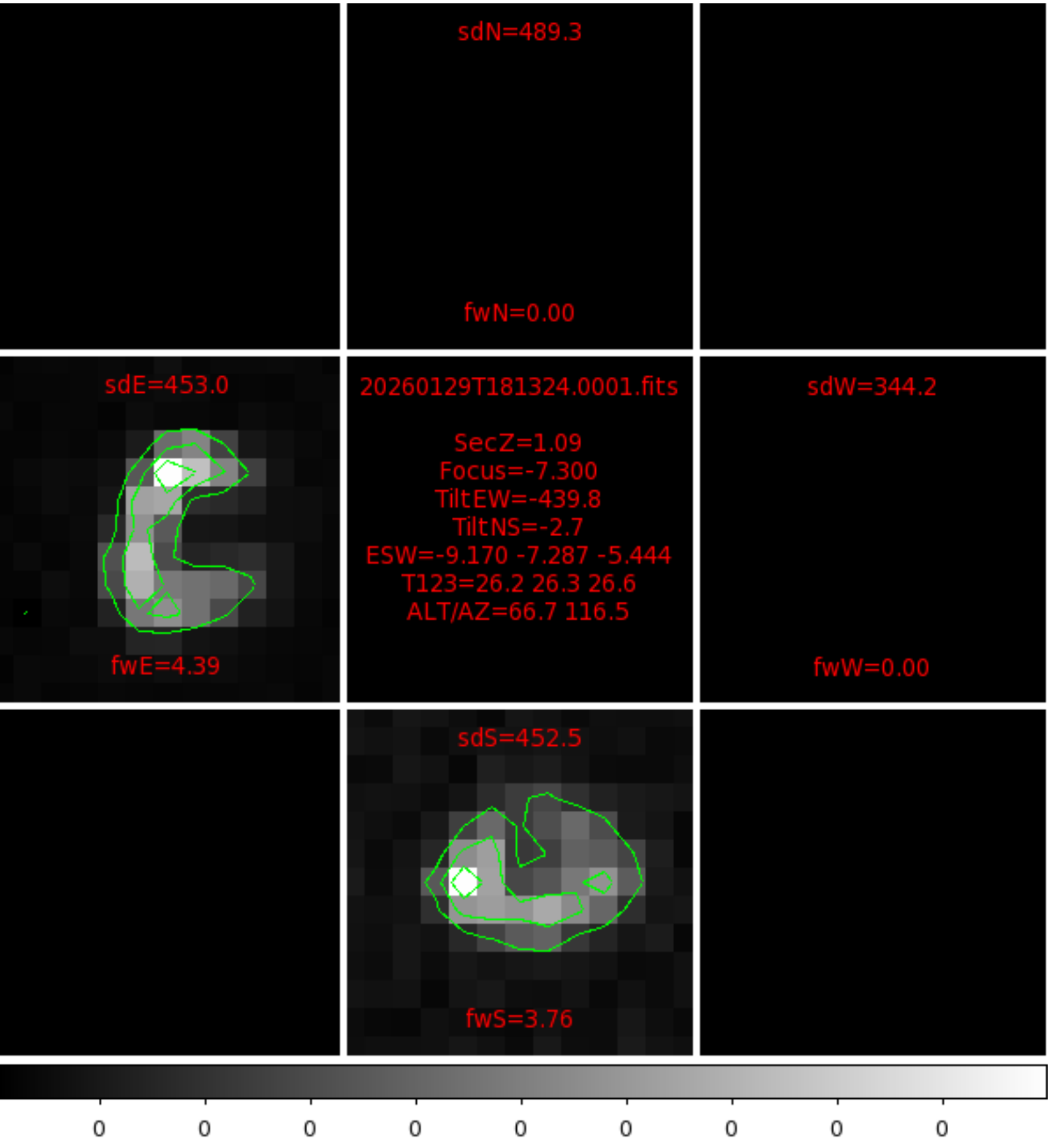
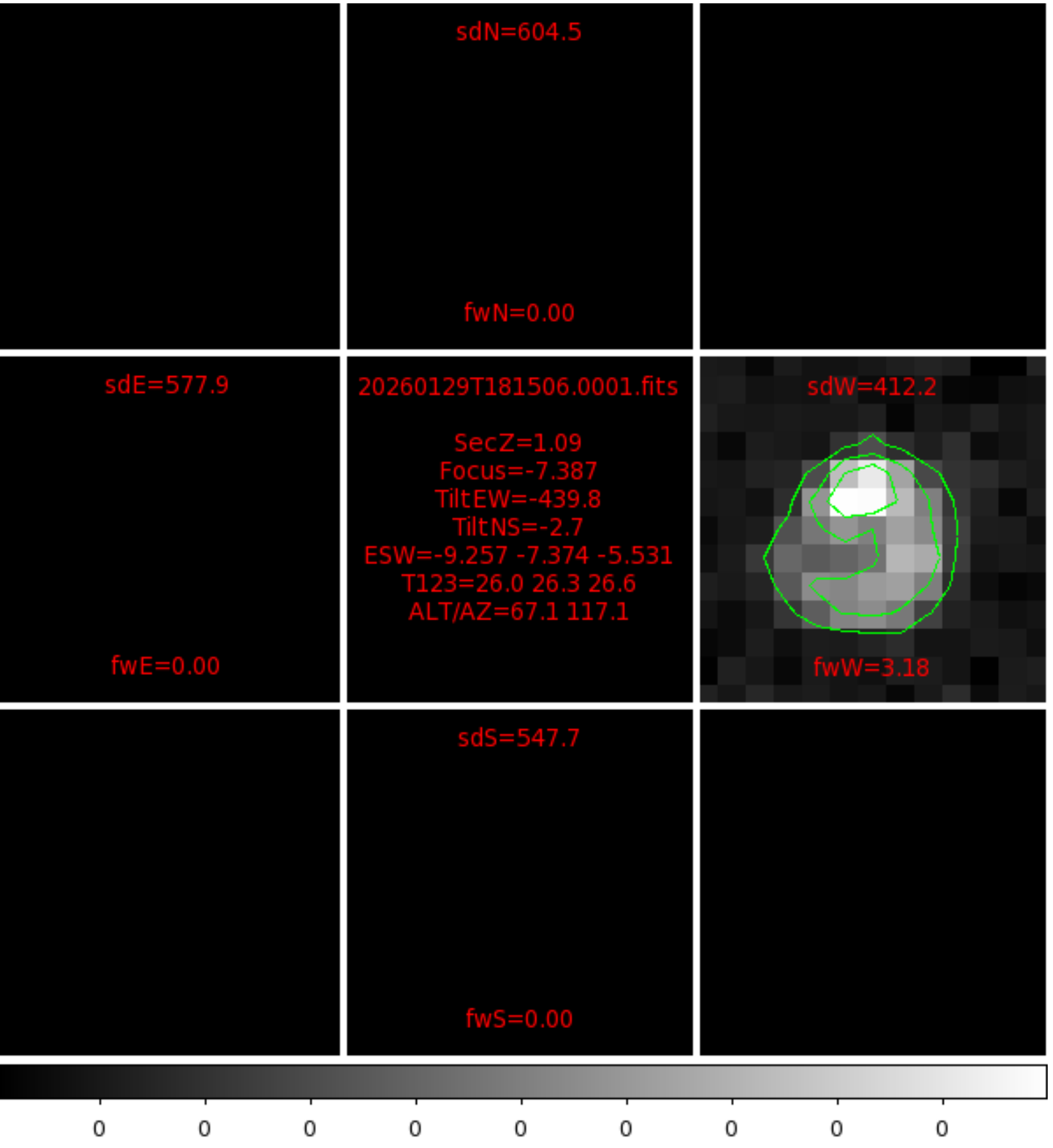

sdN=460.7
fwN=1.19
sdE=455.6
fwE=1.49
20260129T181144.0001.fits
SecZ=1.09
Focus=-7.300
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.170 -7.287 -5.444
T123=26.4 26.4 26.6
ALT/AZ=66.4 115.9
fwAVG=1.29
sdW=442.7
fwW=1.21
sdS=453.0
fwS=1.29
0 0 0 0 0 0 0 0 0


sdN=489.3
fwN=0.00
sdE=453.0
20260129T181324.0001.fits
SecZ=1.09
Focus=-7.300
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.170 -7.287 -5.444
T123=26.2 26.3 26.6
ALT/AZ=66.7 116.5
sdW=344.2
fwE=4.39
fwW=0.00
sdS=452.5
fwS=3.76
0 0 0 0 0 0 0 0 0


sdN=604.5
fwN=0.00
sdE=577.9
fwE=0.00
20260129T181506.0001.fits
SecZ=1.09
Focus=-7.387
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.257 -7.374 -5.531
T123=26.0 26.3 26.6
ALT/AZ=67.1 117.1
sdW=412.2
fwW=3.18
sdS=547.7
fwS=0.00
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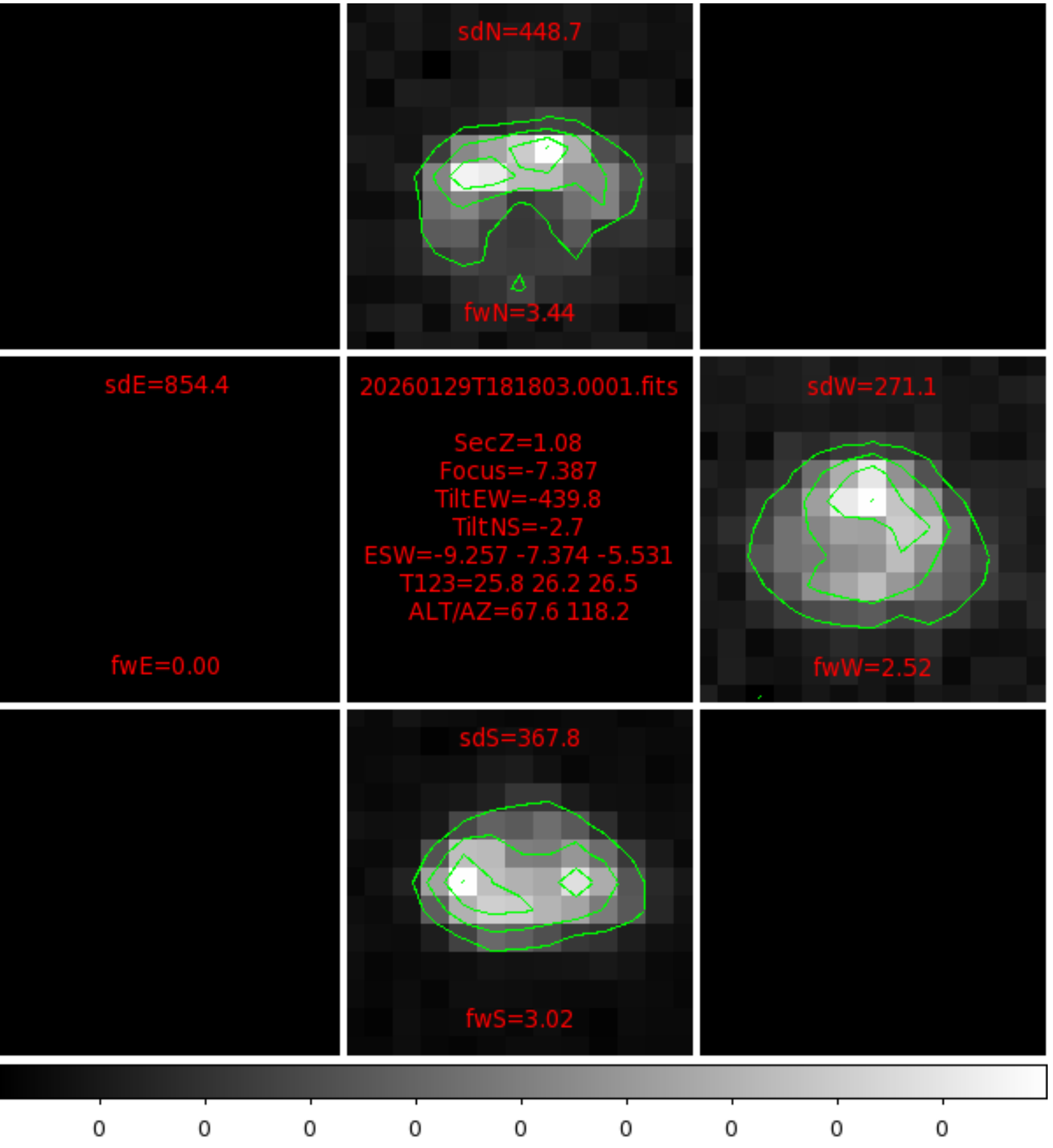
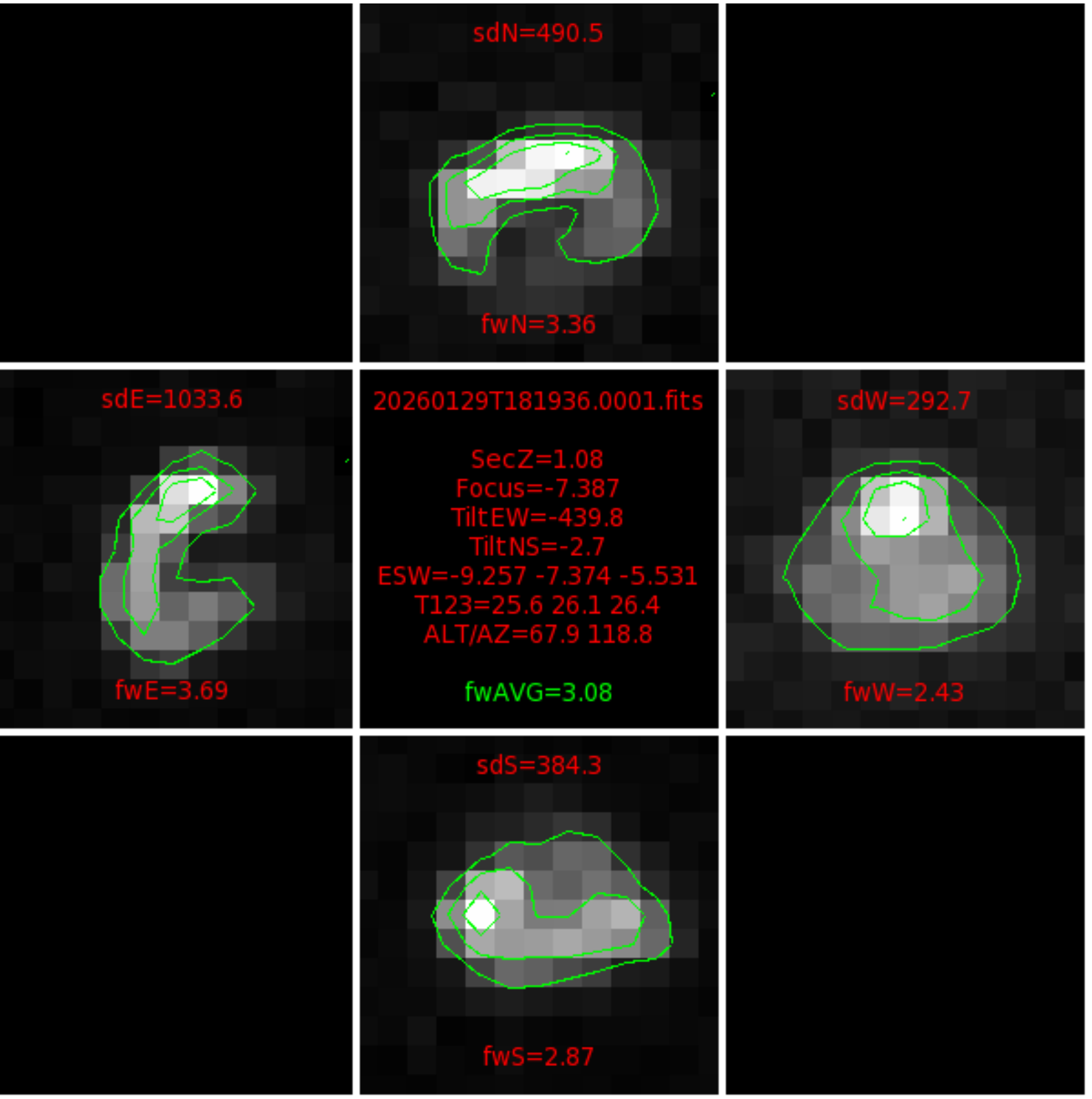

sdN=448.7
fwN=3.44
sdE=854.4
fwE=0.00
20260129T181803.0001.fits
SecZ=1.08
Focus=-7.387
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.257 -7.374 -5.531
T123=25.8 26.2 26.5
ALT/AZ=67.6 118.2
sdW=271.1
fwW=2.52
sdS=367.8
fwS=3.02
0 0 0 0 0 0 0 0 0


sdN=490.5
fwN=3.36
sdE=1033.6
fwE=3.69
20260129T181936.0001.fits
SecZ=1.08
Focus=-7.387
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.257 -7.374 -5.531
T123=25.6 26.1 26.4
ALT/AZ=67.9 118.8
fwAVG=3.08
sdW=292.7
fwW=2.43
sdS=384.3
fwS=2.87
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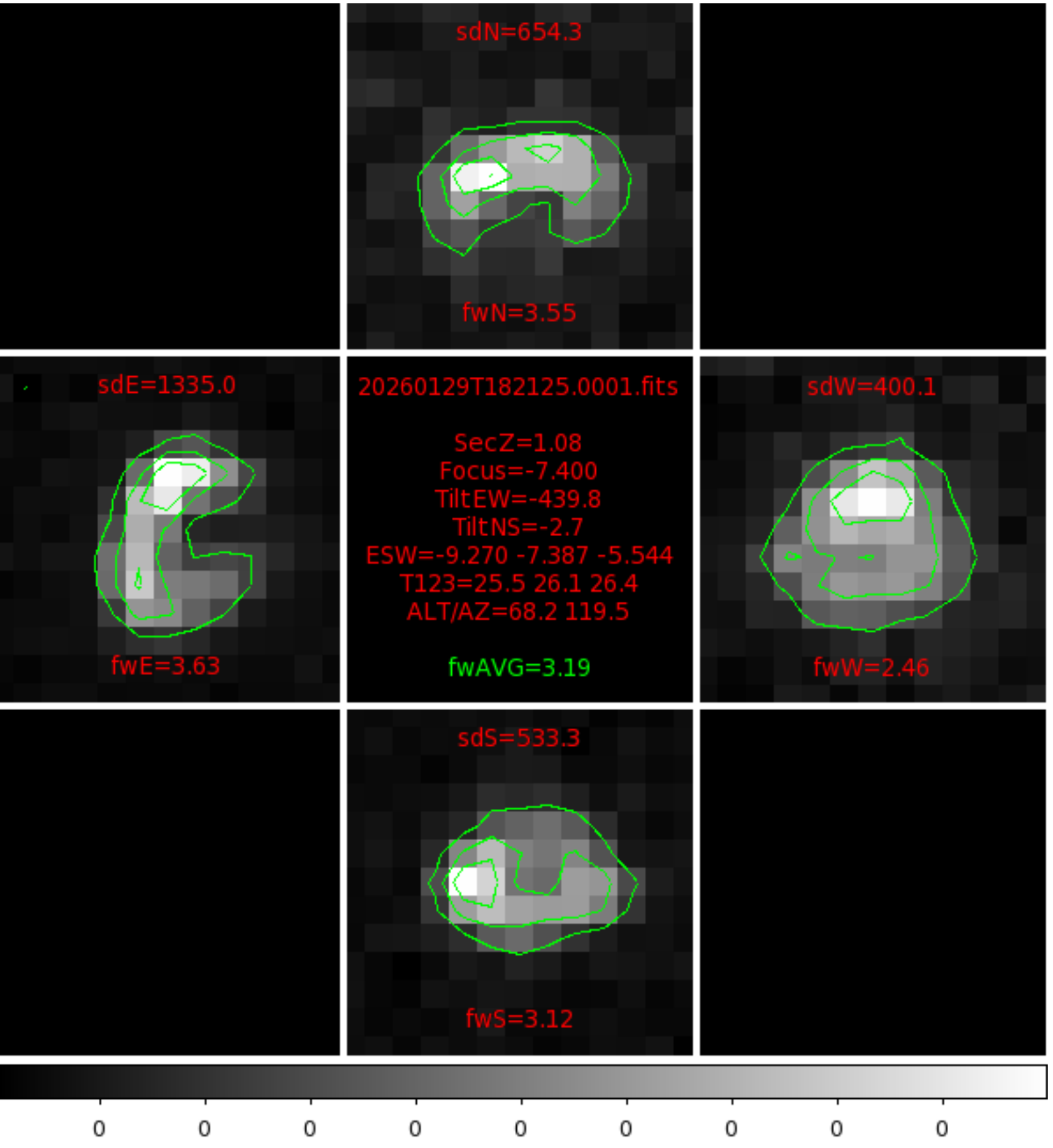
sdN=654.3
fwN=3.55
sdE=1335.0
fwE=3.63
20260129T182125.0001.fits
SecZ=1.08
Focus=-7.400
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.270 -7.387 -5.544
T123=25.5 26.1 26.4
ALT/AZ=68.2 119.5
fwAVG=3.19
sdW=400.1
fwW=2.46
sdS=533.3
fwS=3.12
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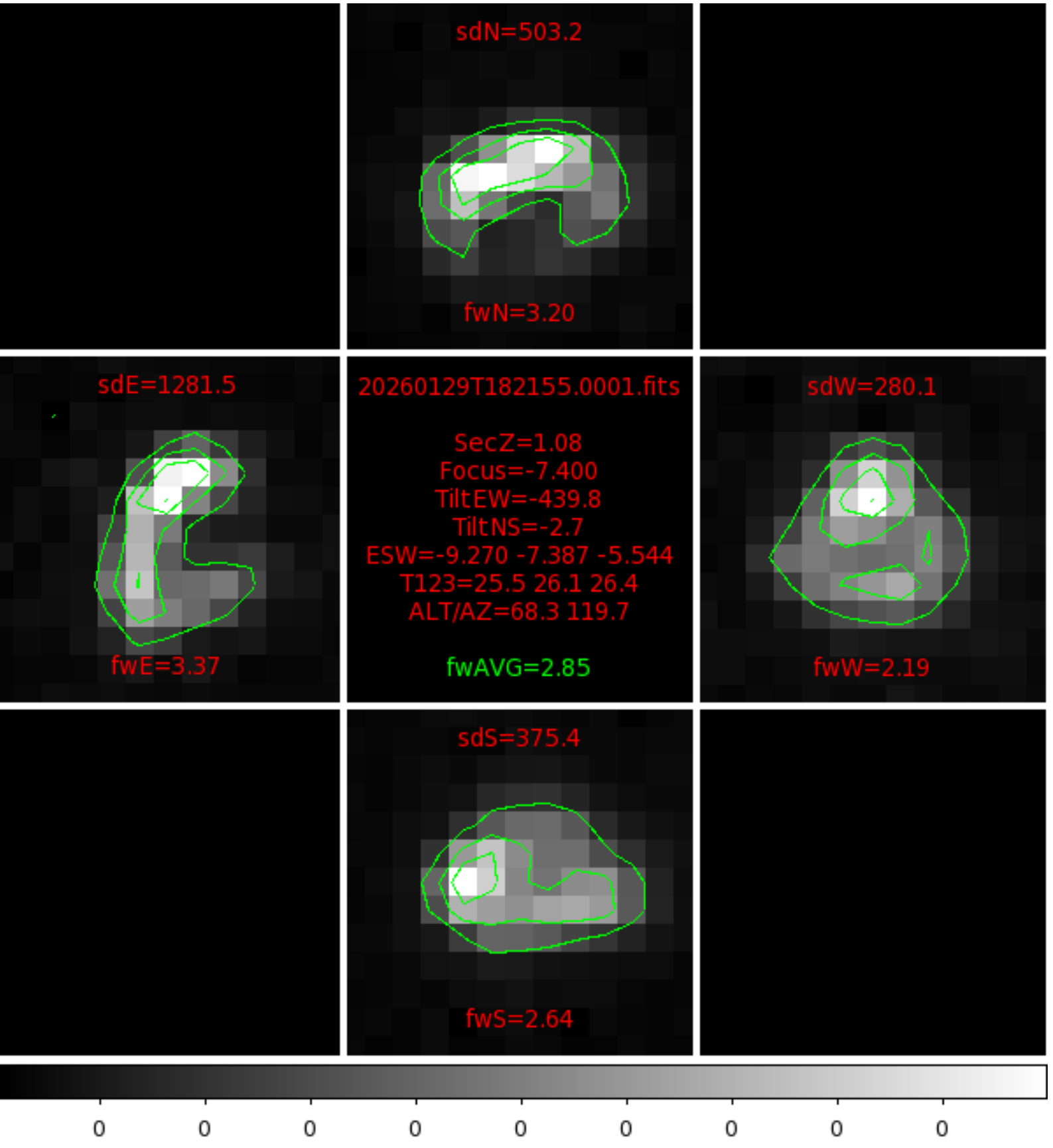
sdN=503.2
fwN=3.20
sdE=1281.5
fwE=3.37
20260129T182155.0001.fits
SecZ=1.08
Focus=-7.400
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.270 -7.387 -5.544
T123=25.5 26.1 26.4
ALT/AZ=68.3 119.7
fwAVG=2.85
sdW=280.1
fwW=2.19
sdS=375.4
fwS=2.64
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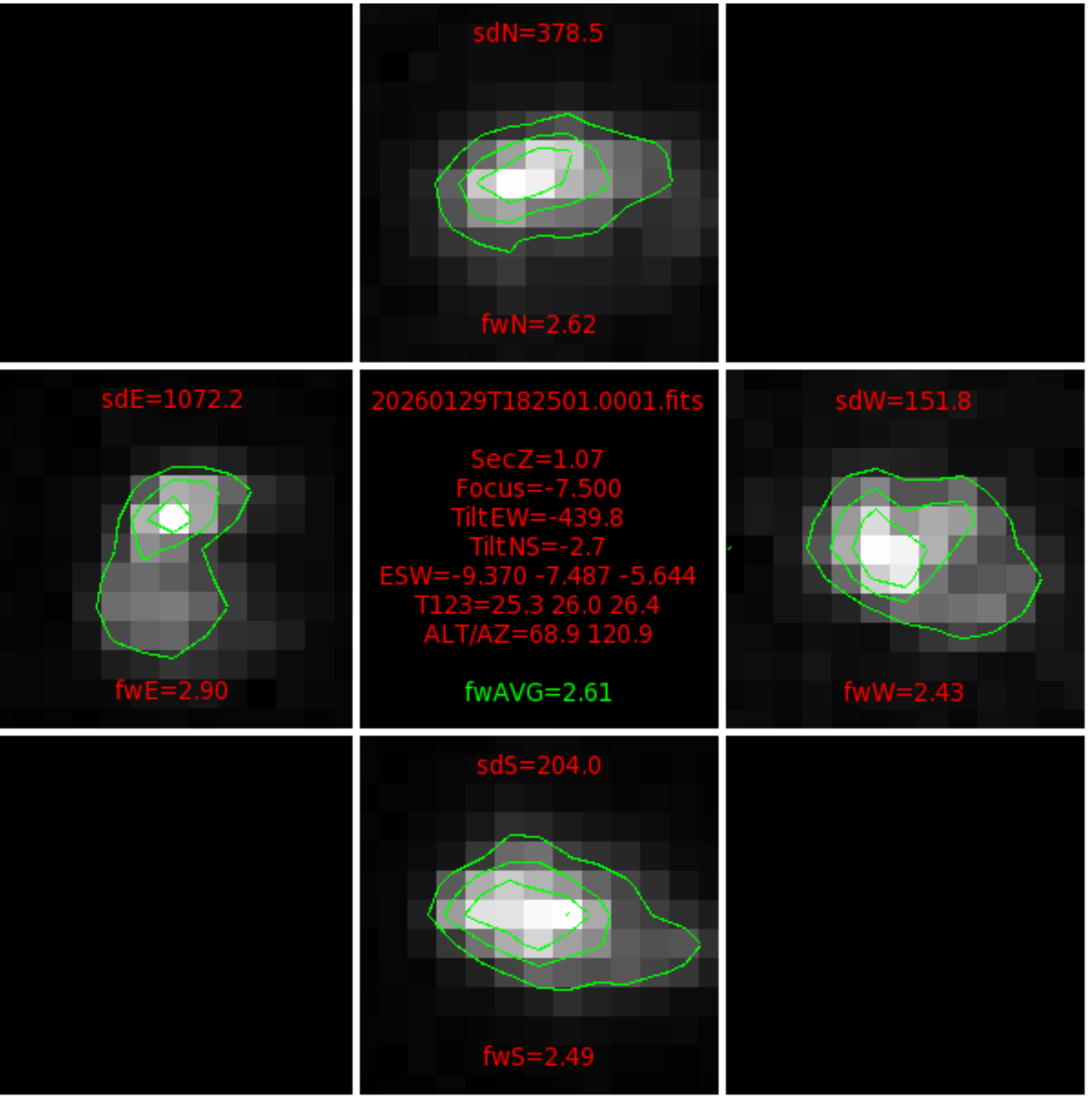
sdN=378.5
fwN=2.62
sdE=1072.2
fwE=2.90
20260129T182501.0001.fits
SecZ=1.07
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=25.3 26.0 26.4
ALT/AZ=68.9 120.9
fwAVG=2.61
sdW=151.8
fwW=2.43
sdS=204.0
fwS=2.49
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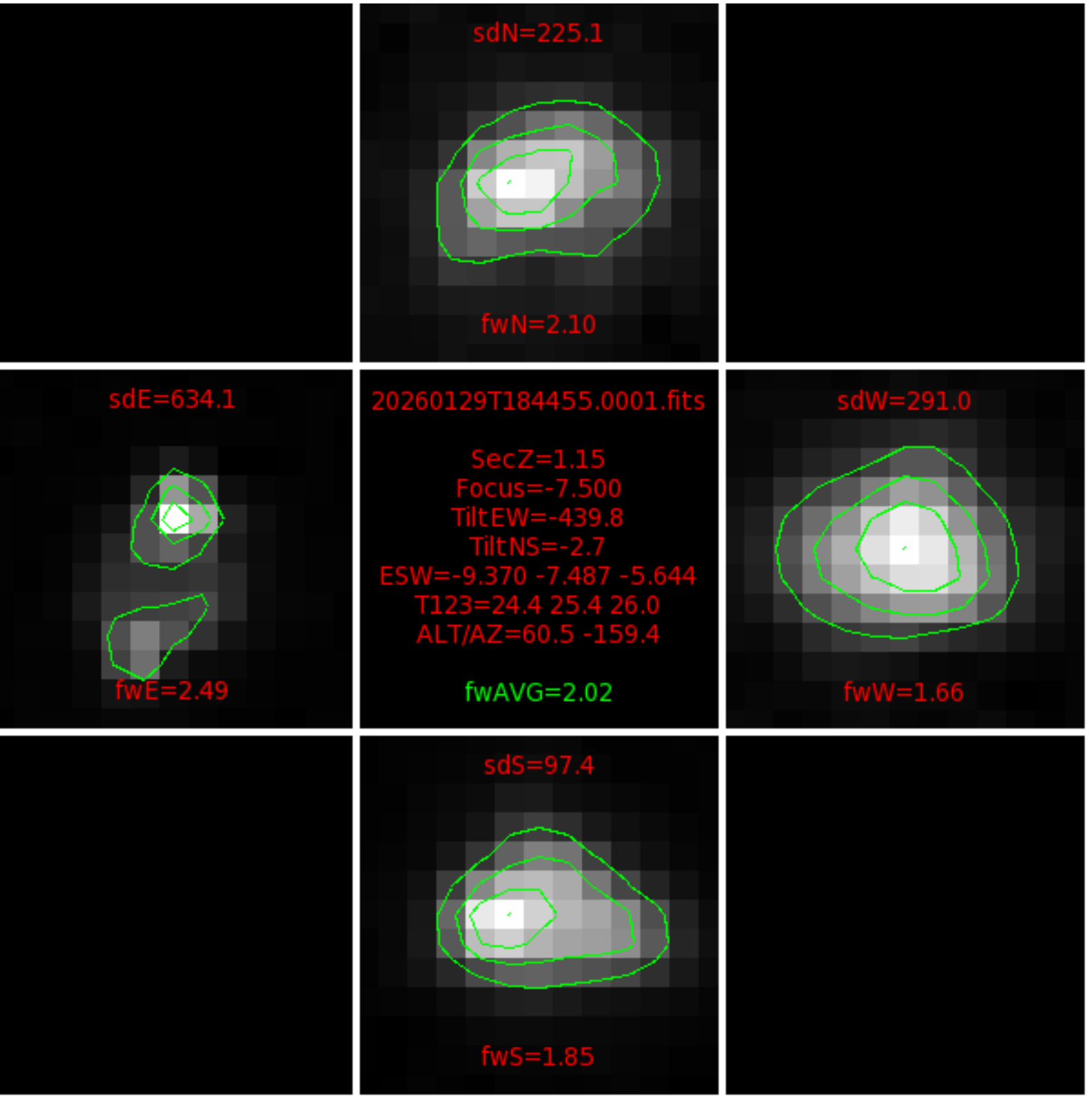
sdN=225.1
fwN=2.10
sdE=634.1
fwE=2.49
20260129T184455.0001.fits
SecZ=1.15
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.4 25.4 26.0
ALT/AZ=60.5 -159.4
fwAVG=2.02
sdW=291.0
fwW=1.66
sdS=97.4
fwS=1.85
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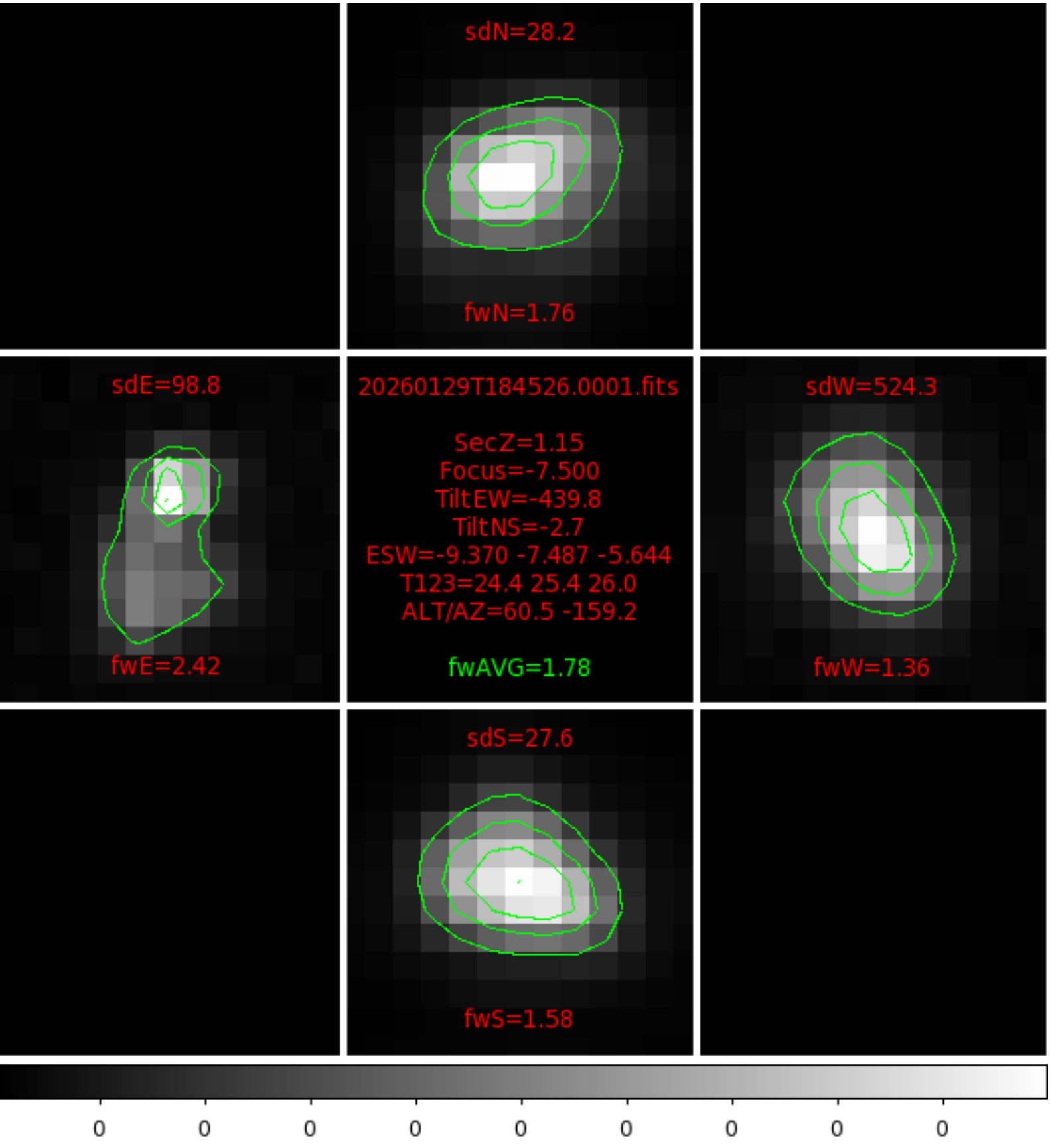
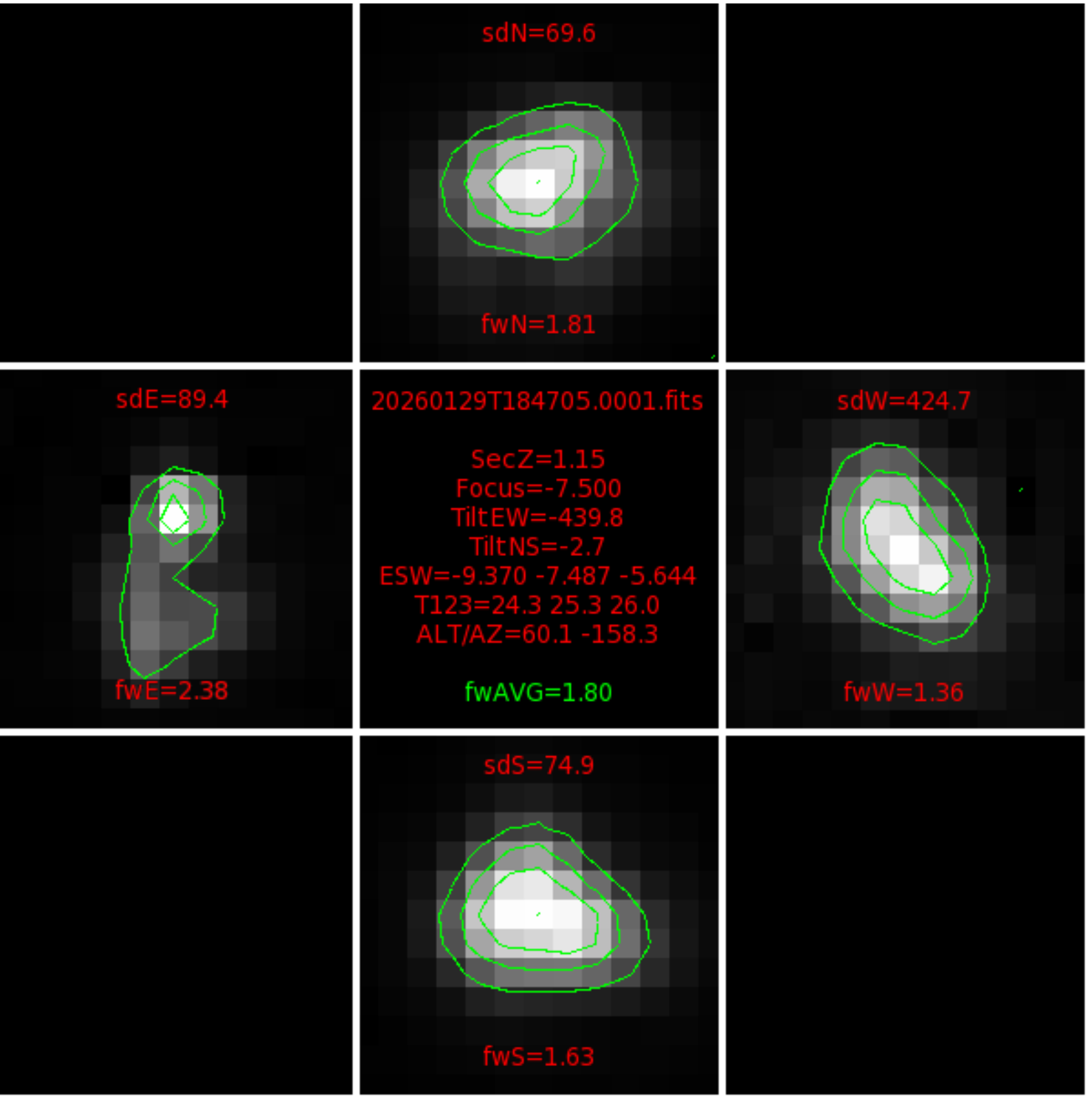
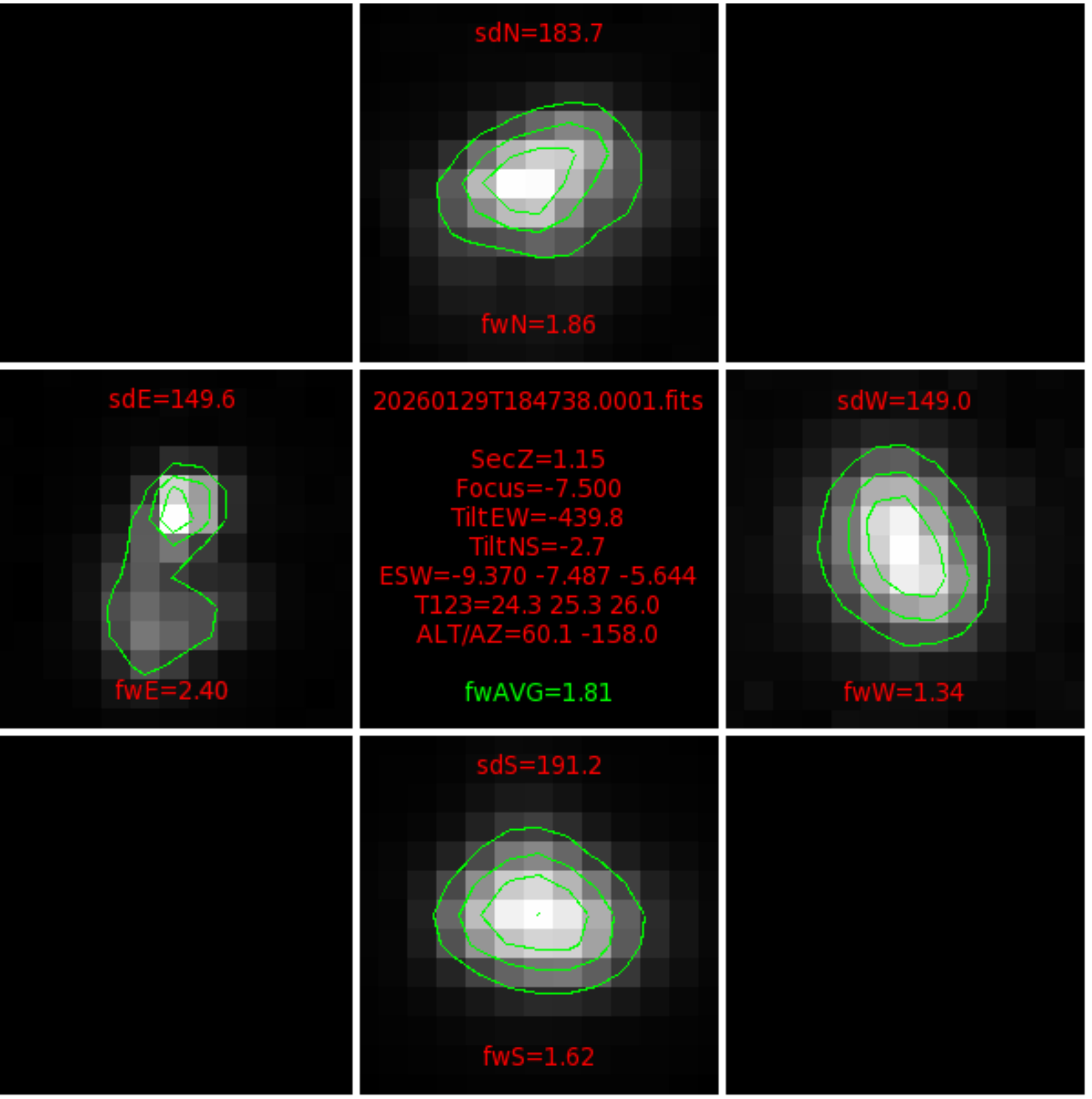
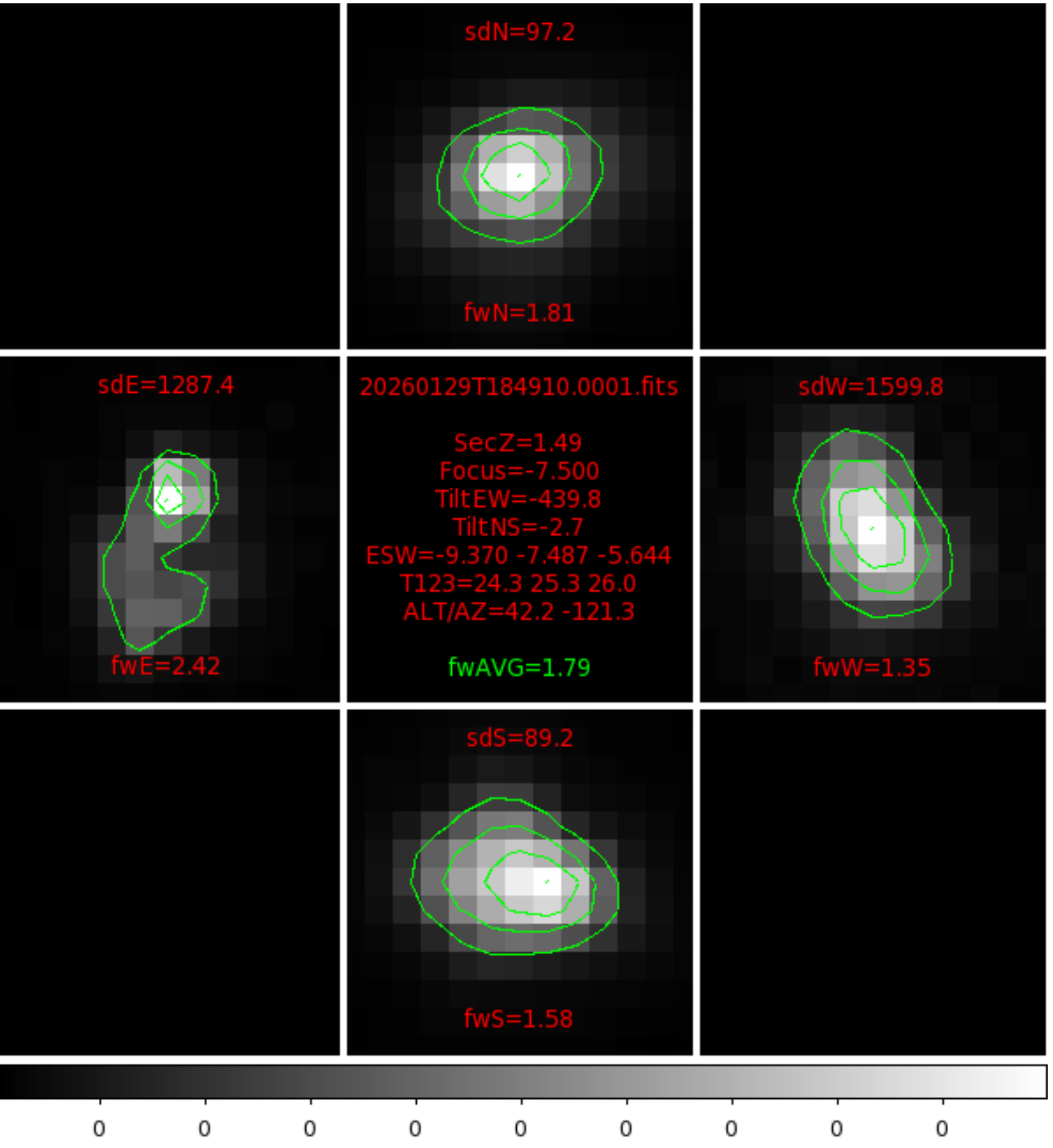
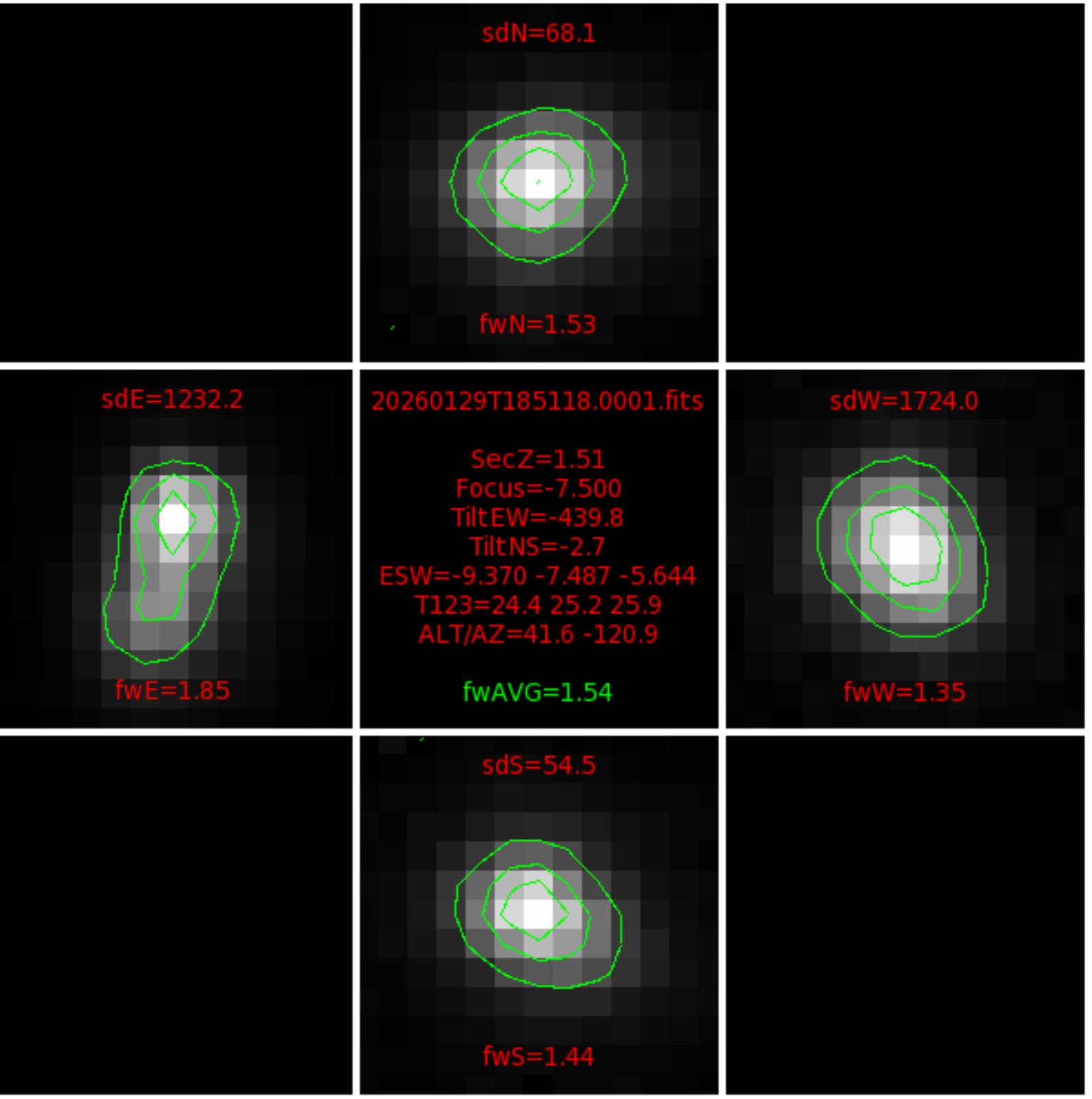

sdN=28.2
fwN=1.76
sdE=98.8
fwE=2.42
20260129T184526.0001.fits
SecZ=1.15
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.4 25.4 26.0
ALT/AZ=60.5 -159.2
fwAVG=1.78
sdW=524.3
fwW=1.36
sdS=27.6
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=69.6
fwN=1.81
sdE=89.4
fwE=2.38
20260129T184705.0001.fits
SecZ=1.15
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.3 25.3 26.0
ALT/AZ=60.1 -158.3
fwAVG=1.80
sdW=424.7
fwW=1.36
sdS=74.9
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=183.7
fwN=1.86
sdE=149.6
fwE=2.40
20260129T184738.0001.fits
SecZ=1.15
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.3 25.3 26.0
ALT/AZ=60.1 -158.0
fwAVG=1.81
sdW=149.0
fwW=1.34
sdS=191.2
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=97.2
fwN=1.81
sdE=1287.4
fwE=2.42
20260129T184910.0001.fits
SecZ=1.49
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.3 25.3 26.0
ALT/AZ=42.2 -121.3
fwAVG=1.79
sdW=1599.8
fwW=1.35
sdS=89.2
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=68.1
fwN=1.53
sdE=1232.2
fwE=1.85
20260129T185118.0001.fits
SecZ=1.51
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.4 25.2 25.9
ALT/AZ=41.6 -120.9
fwAVG=1.54
sdW=1724.0
fwW=1.35
sdS=54.5
fwS=1.44
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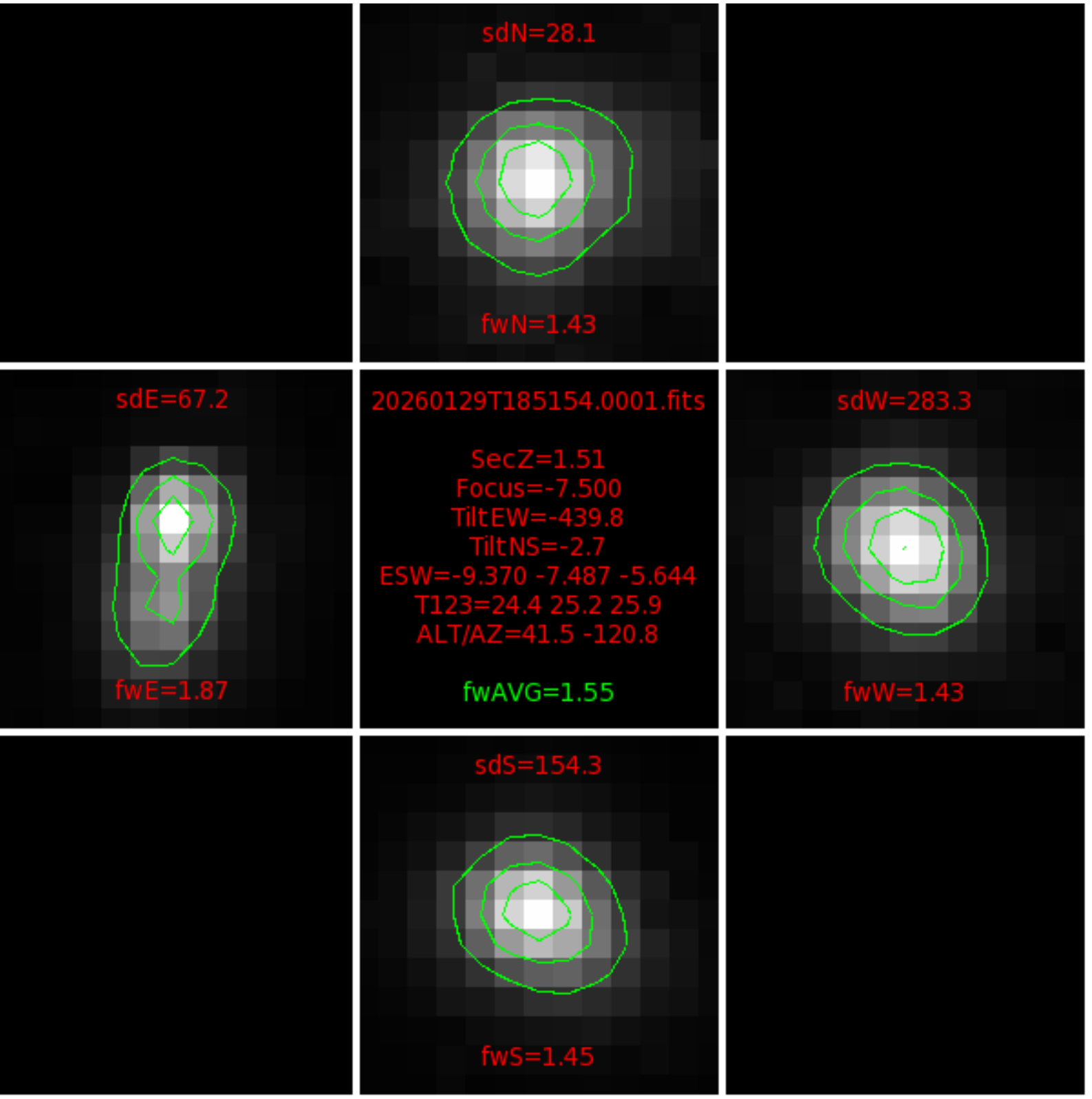
sdN=28.1
fwN=1.43
sdE=67.2
fwE=1.87
20260129T185154.0001.fits
SecZ=1.51
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.4 25.2 25.9
ALT/AZ=41.5 -120.8
fwAVG=1.55
sdW=283.3
fwW=1.43
sdS=154.3
fwS=1.45
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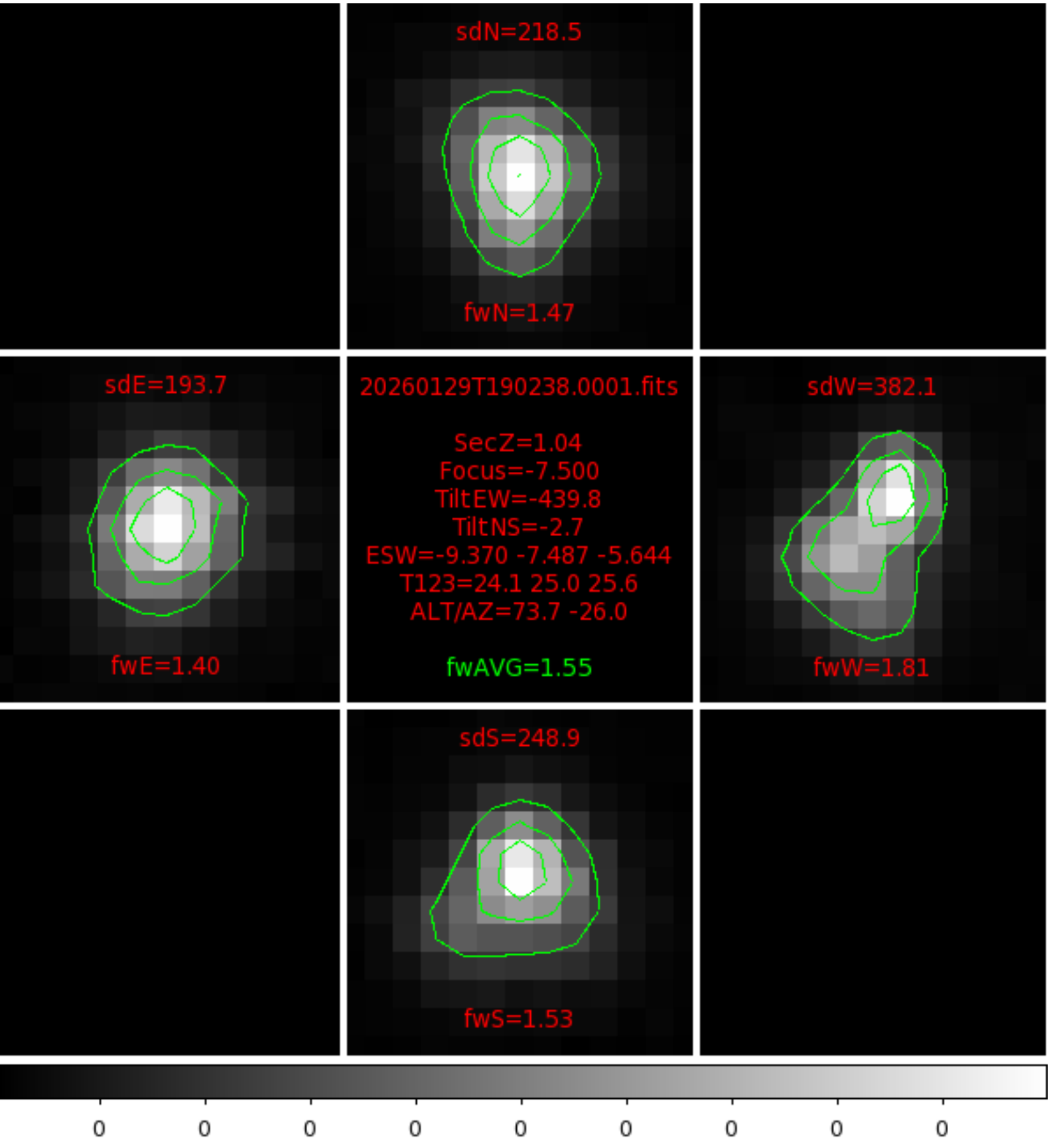
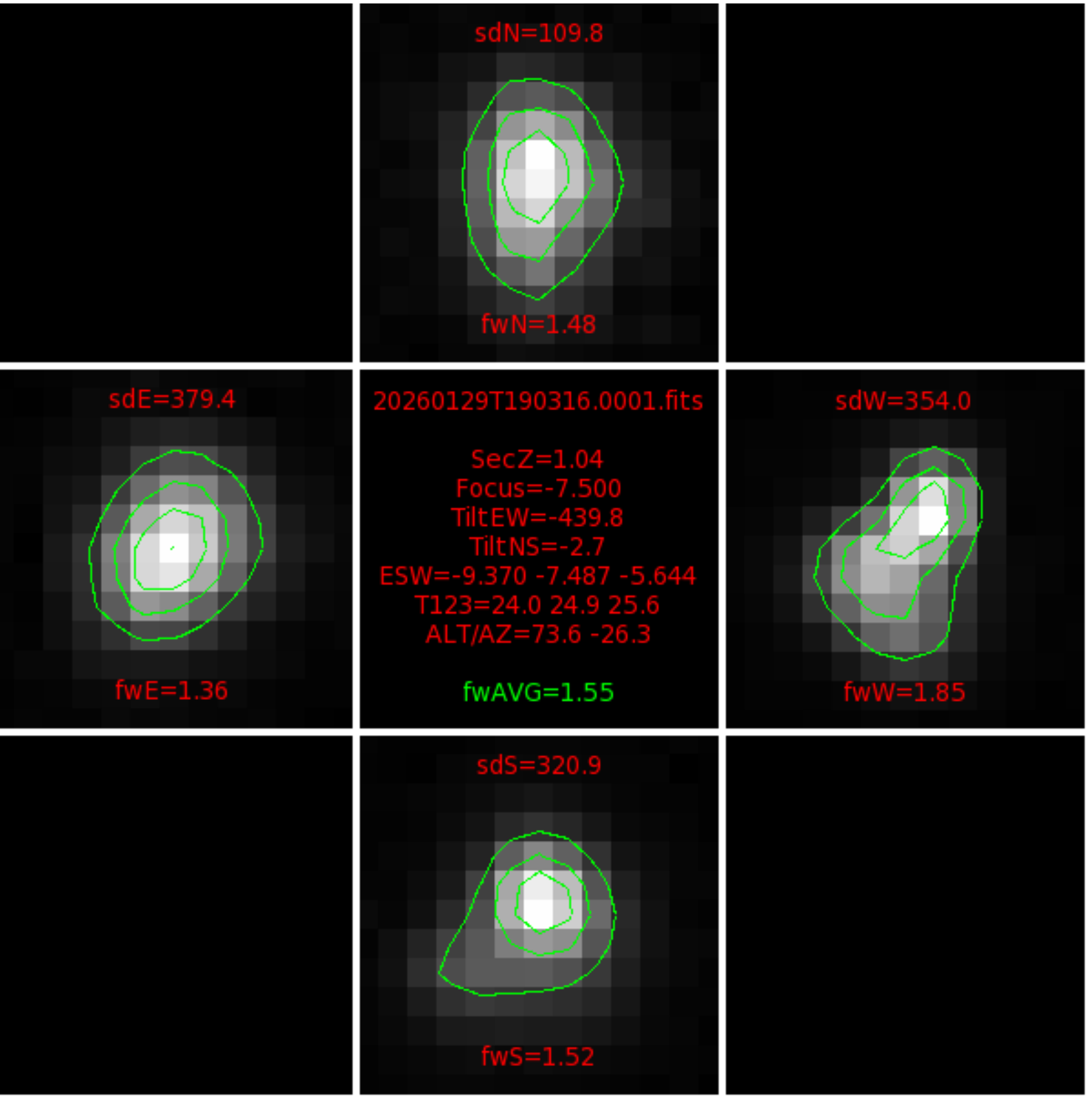
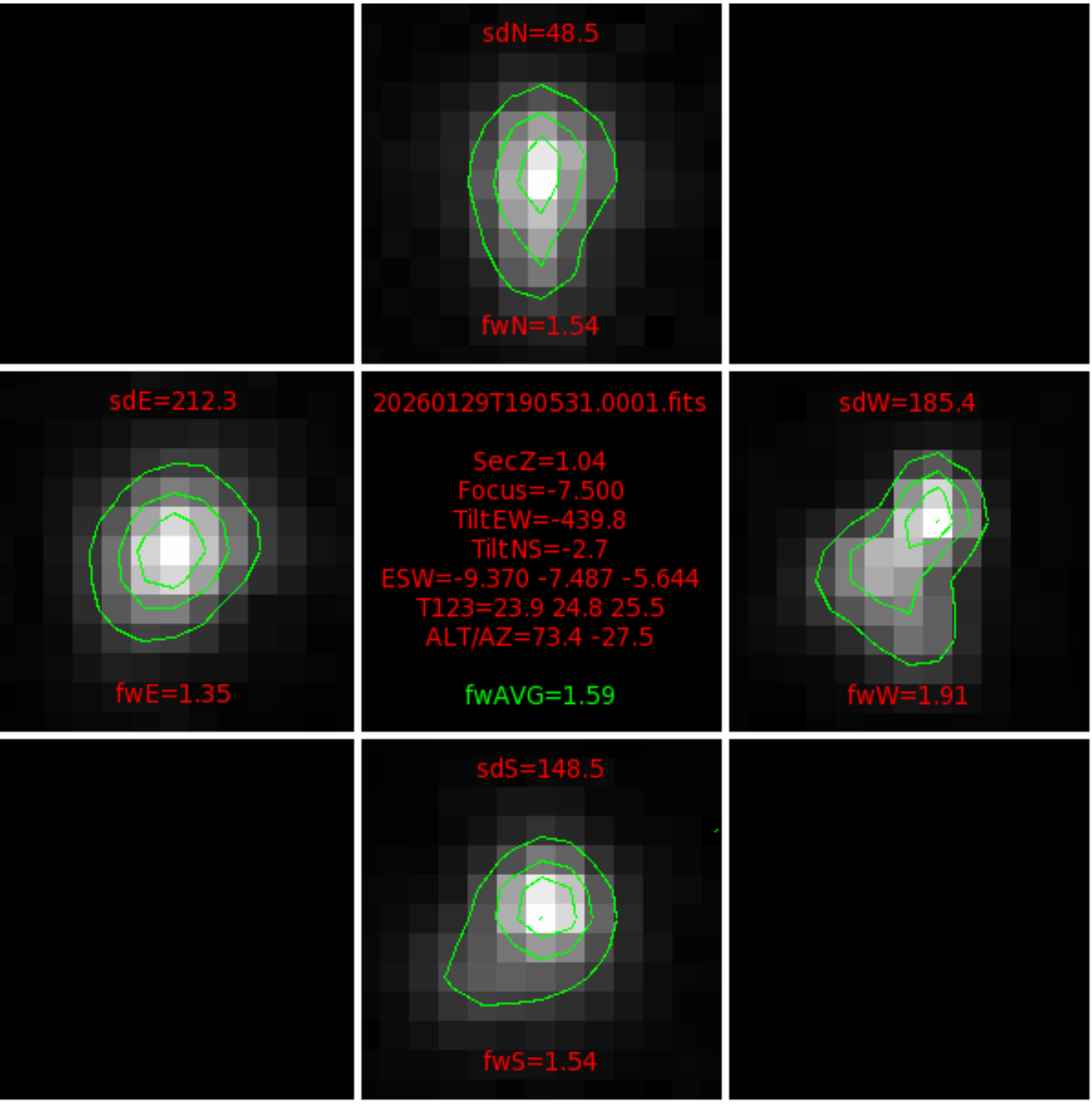

sdN=218.5
fwN=1.47
sdE=193.7
fwE=1.40
20260129T190238.0001.fits
SecZ=1.04
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.1 25.0 25.6
ALT/AZ=73.7 -26.0
fwAVG=1.55
sdW=382.1
fwW=1.81
sdS=248.9
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=109.8
fwN=1.48
sdE=379.4
fwE=1.36
20260129T190316.0001.fits
SecZ=1.04
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.0 24.9 25.6
ALT/AZ=73.6 -26.3
fwAVG=1.55
sdW=354.0
fwW=1.85
sdS=320.9
fwS=1.52
0 0 0 0 0 0 0 0 0


sdN=48.5
fwN=1.54
sdE=212.3
fwE=1.35
20260129T190531.0001.fits
SecZ=1.04
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=23.9 24.8 25.5
ALT/AZ=73.4 -27.5
fwAVG=1.59
sdW=185.4
fwW=1.91
sdS=148.5
fwS=1.54
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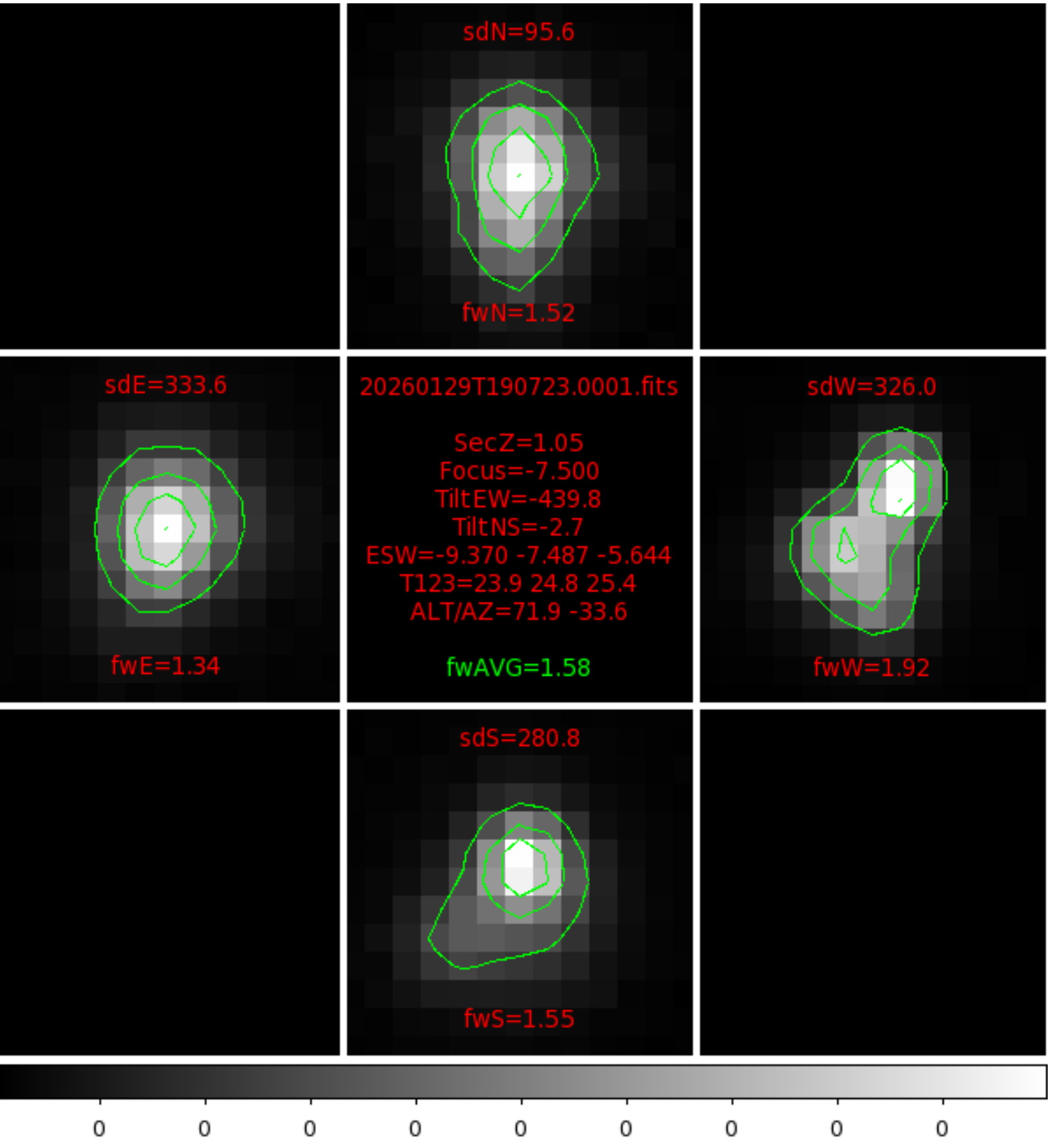
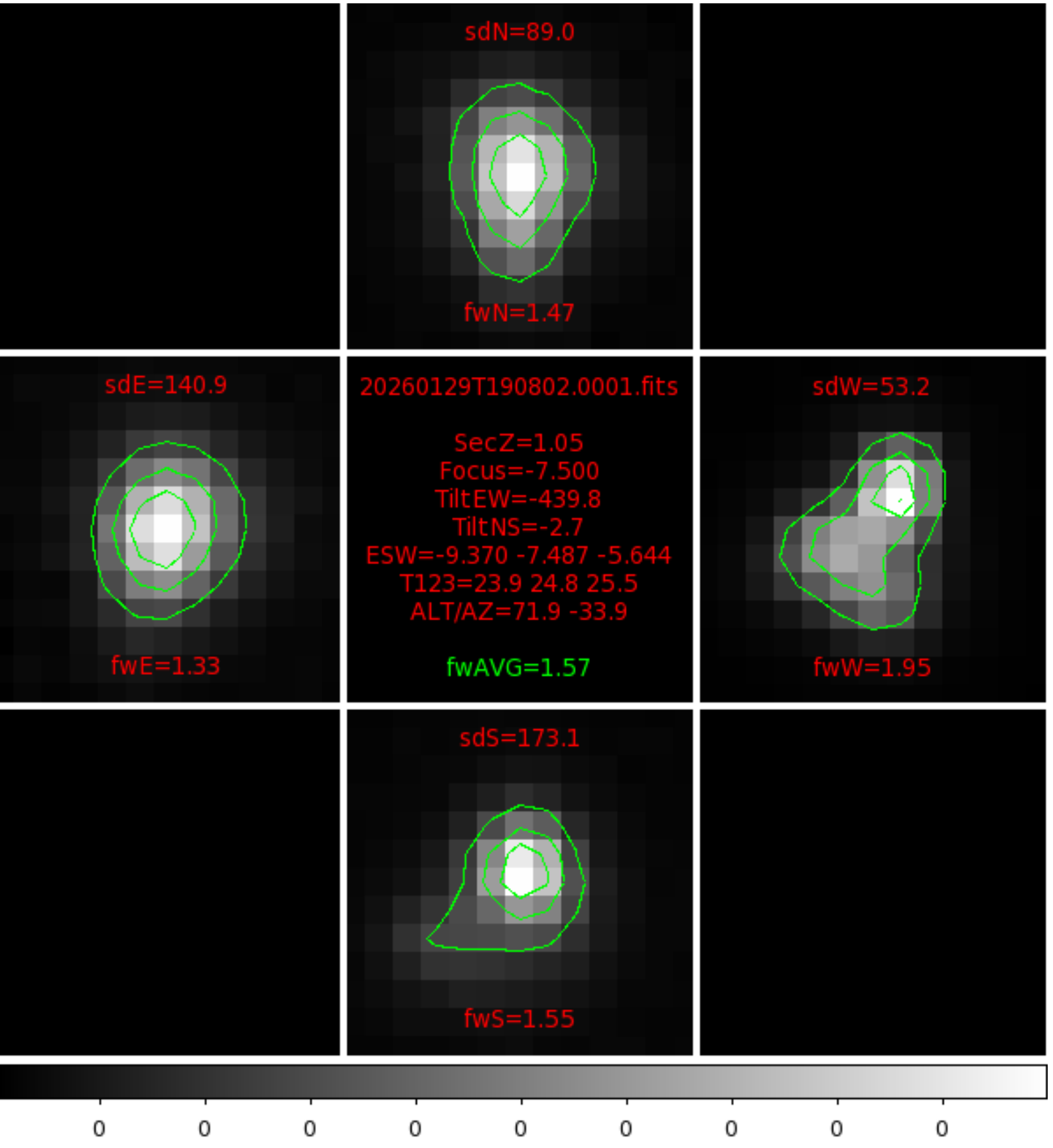
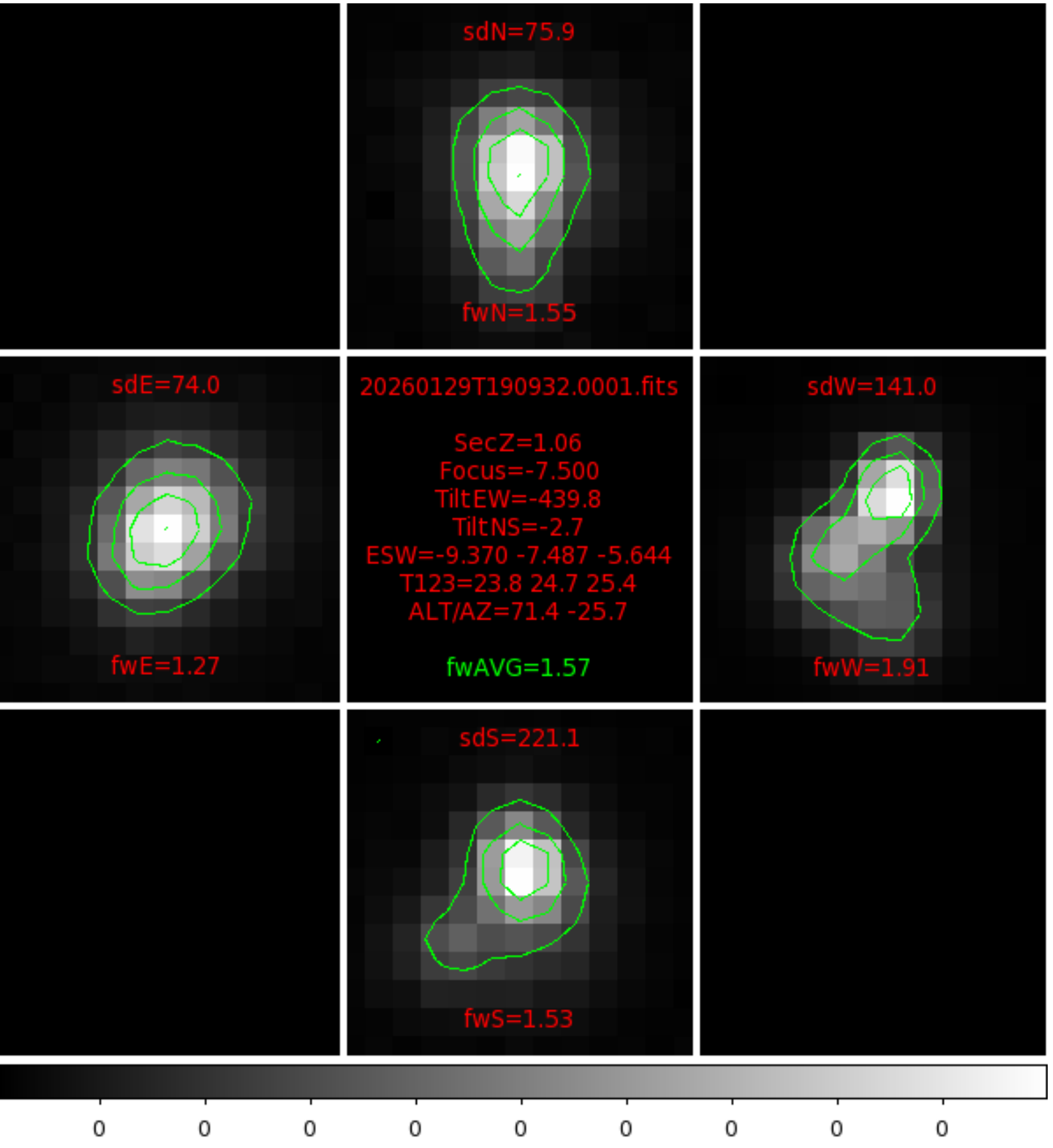
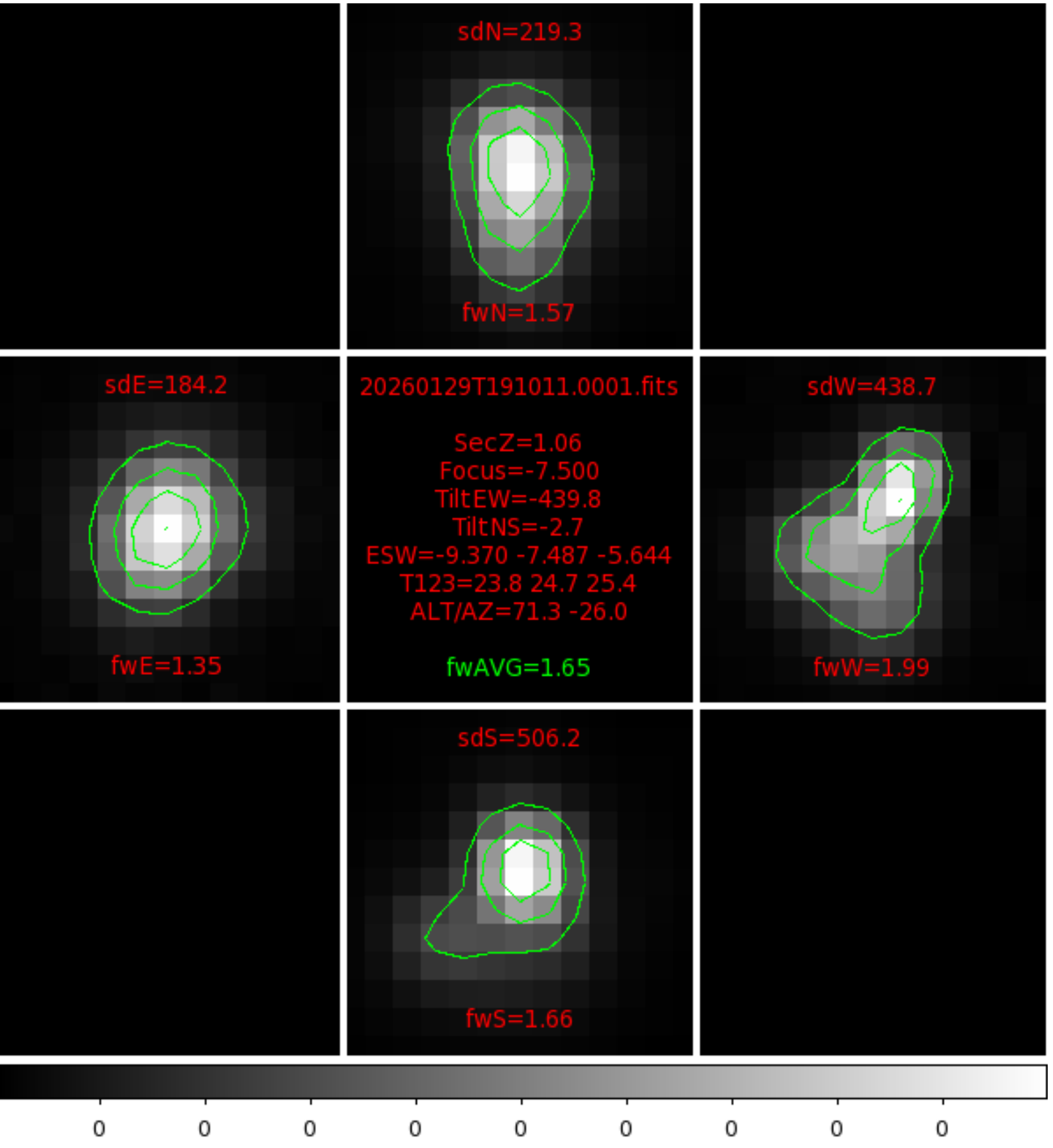
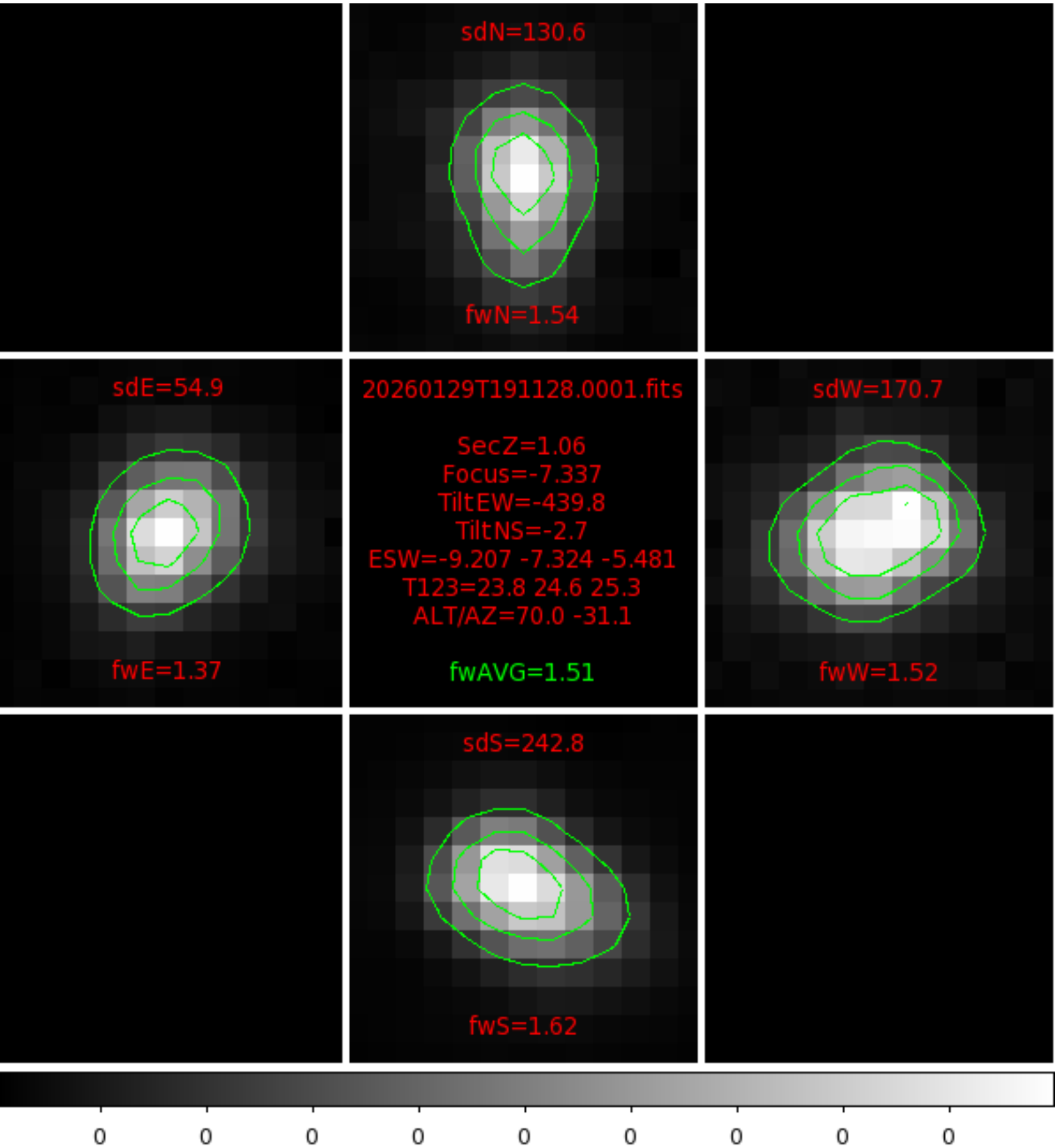

sdN=95.6
fwN=1.52
sdE=333.6
fwE=1.34
20260129T190723.0001.fits
SecZ=1.05
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=23.9 24.8 25.4
ALT/AZ=71.9 -33.6
fwAVG=1.58
sdW=326.0
fwW=1.92
sdS=280.8
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=89.0
fwN=1.47
sdE=140.9
fwE=1.33
20260129T190802.0001.fits
SecZ=1.05
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=23.9 24.8 25.5
ALT/AZ=71.9 -33.9
fwAVG=1.57
sdW=53.2
fwW=1.95
sdS=173.1
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=75.9
fwN=1.55
sdE=74.0
fwE=1.27
20260129T190932.0001.fits
SecZ=1.06
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=23.8 24.7 25.4
ALT/AZ=71.4 -25.7
fwAVG=1.57
sdW=141.0
fwW=1.91
sdS=221.1
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=219.3
fwN=1.57
sdE=184.2
fwE=1.35
20260129T191011.0001.fits
SecZ=1.06
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=23.8 24.7 25.4
ALT/AZ=71.3 -26.0
fwAVG=1.65
sdW=438.7
fwW=1.99
sdS=506.2
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=130.6
fwN=1.54
sdE=54.9
fwE=1.37
20260129T191128.0001.fits
SecZ=1.06
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.8 24.6 25.3
ALT/AZ=70.0 -31.1
fwAVG=1.51
sdW=170.7
fwW=1.52
sdS=242.8
fwS=1.62
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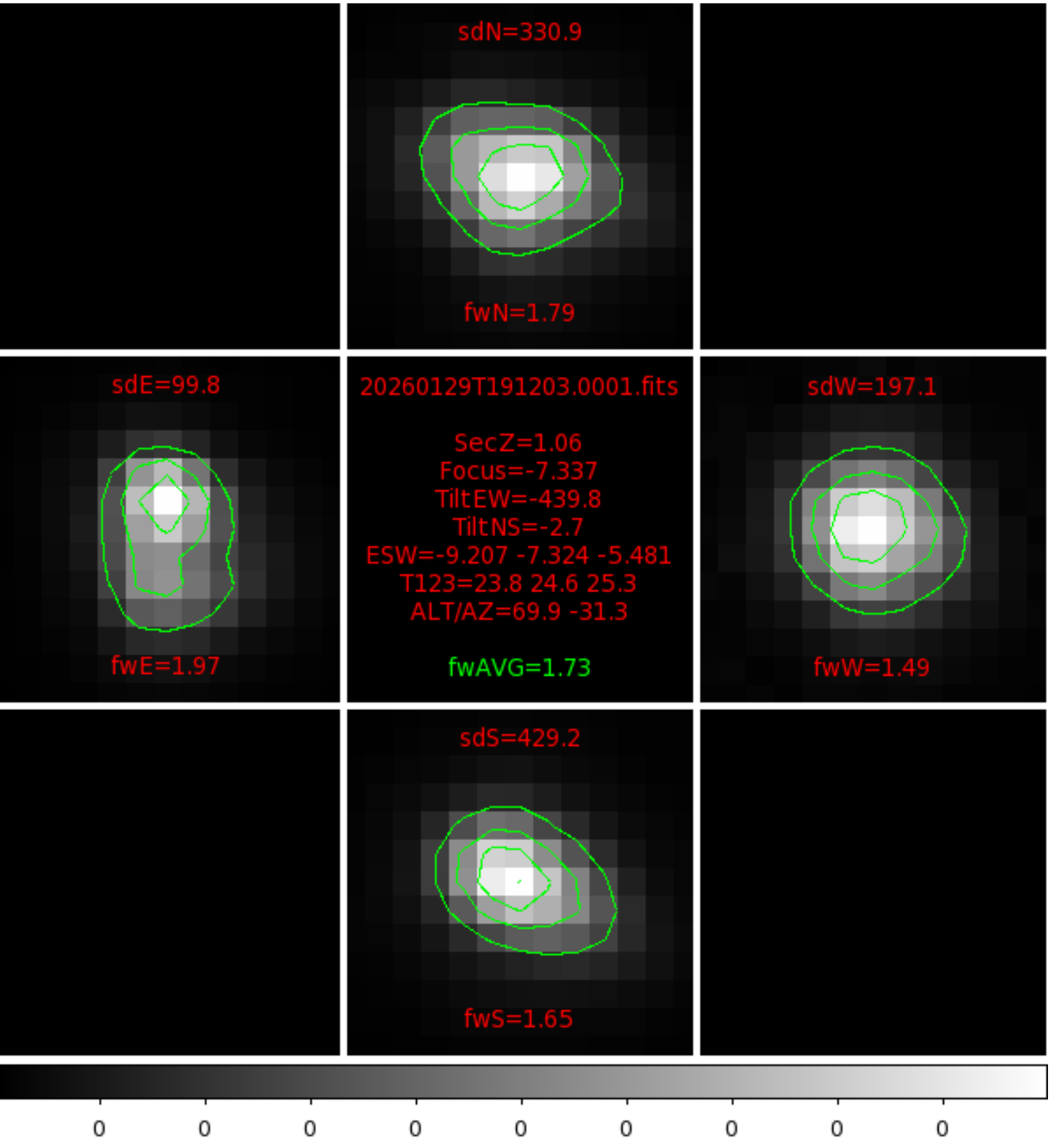
sdN=330.9
fwN=1.79
sdE=99.8
fwE=1.97
20260129T191203.0001.fits
SecZ=1.06
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.8 24.6 25.3
ALT/AZ=69.9 -31.3
fwAVG=1.73
sdW=197.1
fwW=1.49
sdS=429.2
fwS=1.65
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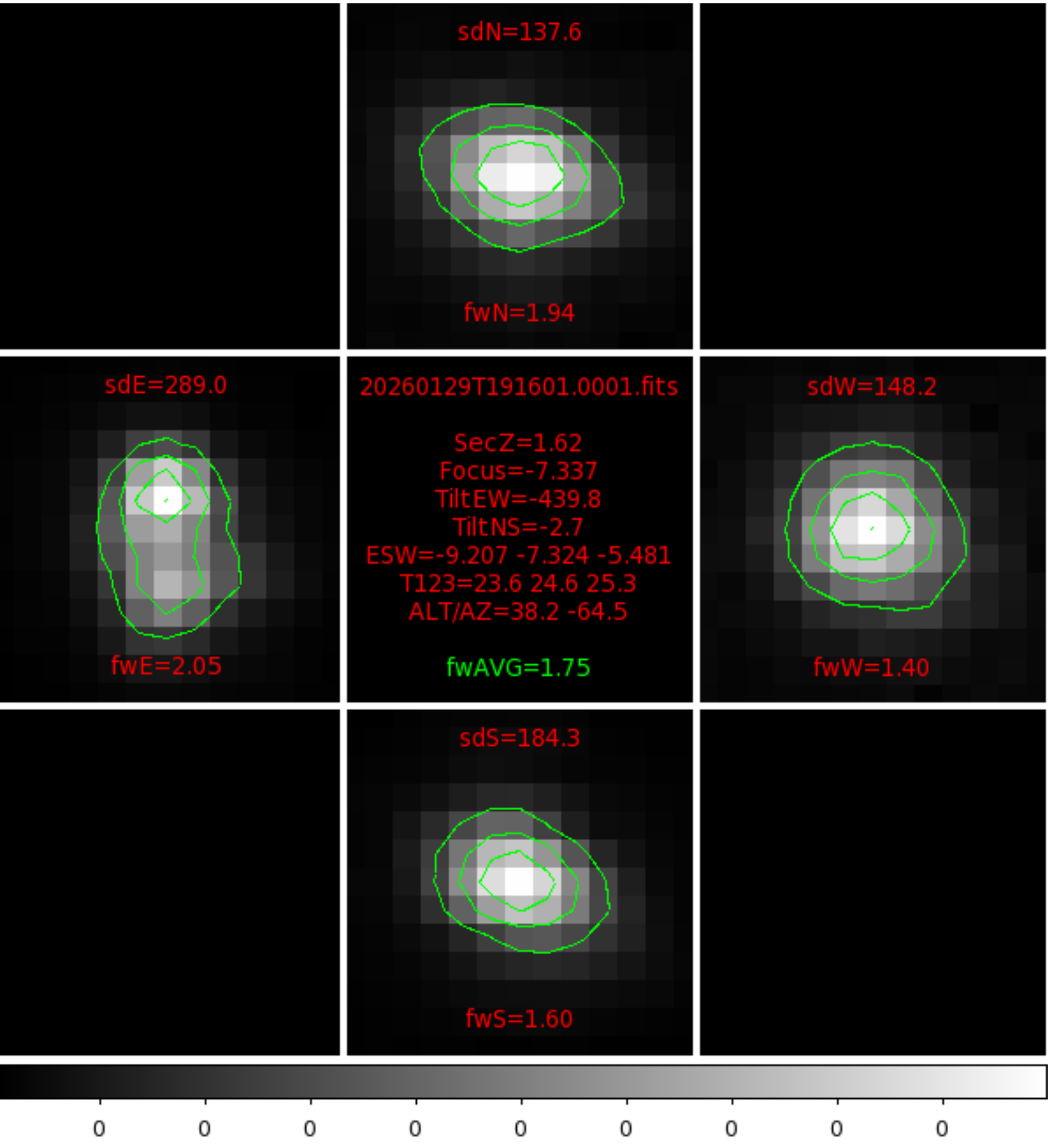
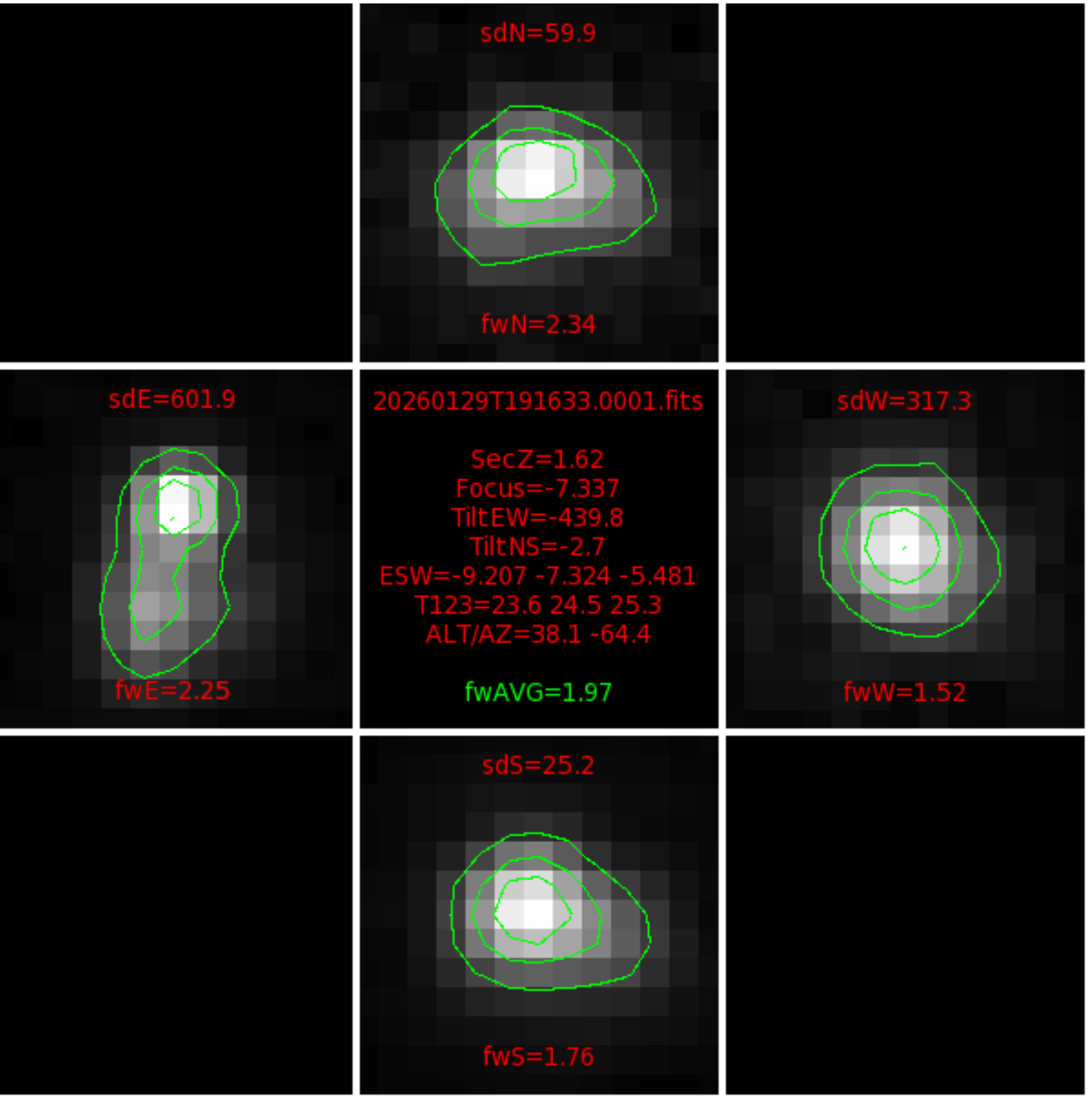

sdN=137.6
fwN=1.94
sdE=289.0
fwE=2.05
20260129T191601.0001.fits
SecZ=1.62
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.6 24.6 25.3
ALT/AZ=38.2 -64.5
fwAVG=1.75
sdW=148.2
fwW=1.40
sdS=184.3
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=59.9
fwN=2.34
sdE=601.9
fwE=2.25
20260129T191633.0001.fits
SecZ=1.62
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.6 24.5 25.3
ALT/AZ=38.1 -64.4
fwAVG=1.97
sdW=317.3
fwW=1.52
sdS=25.2
fwS=1.76
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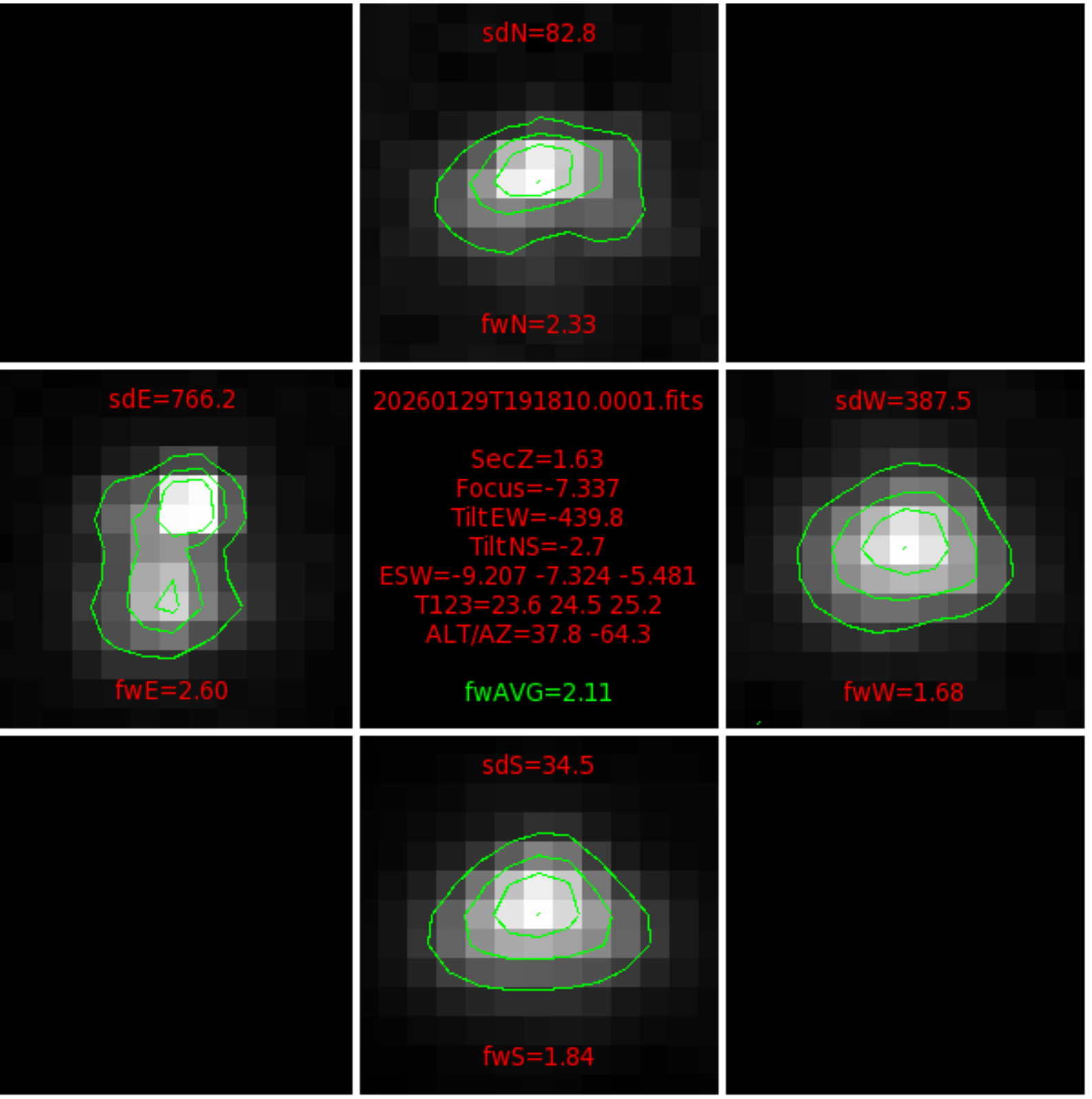
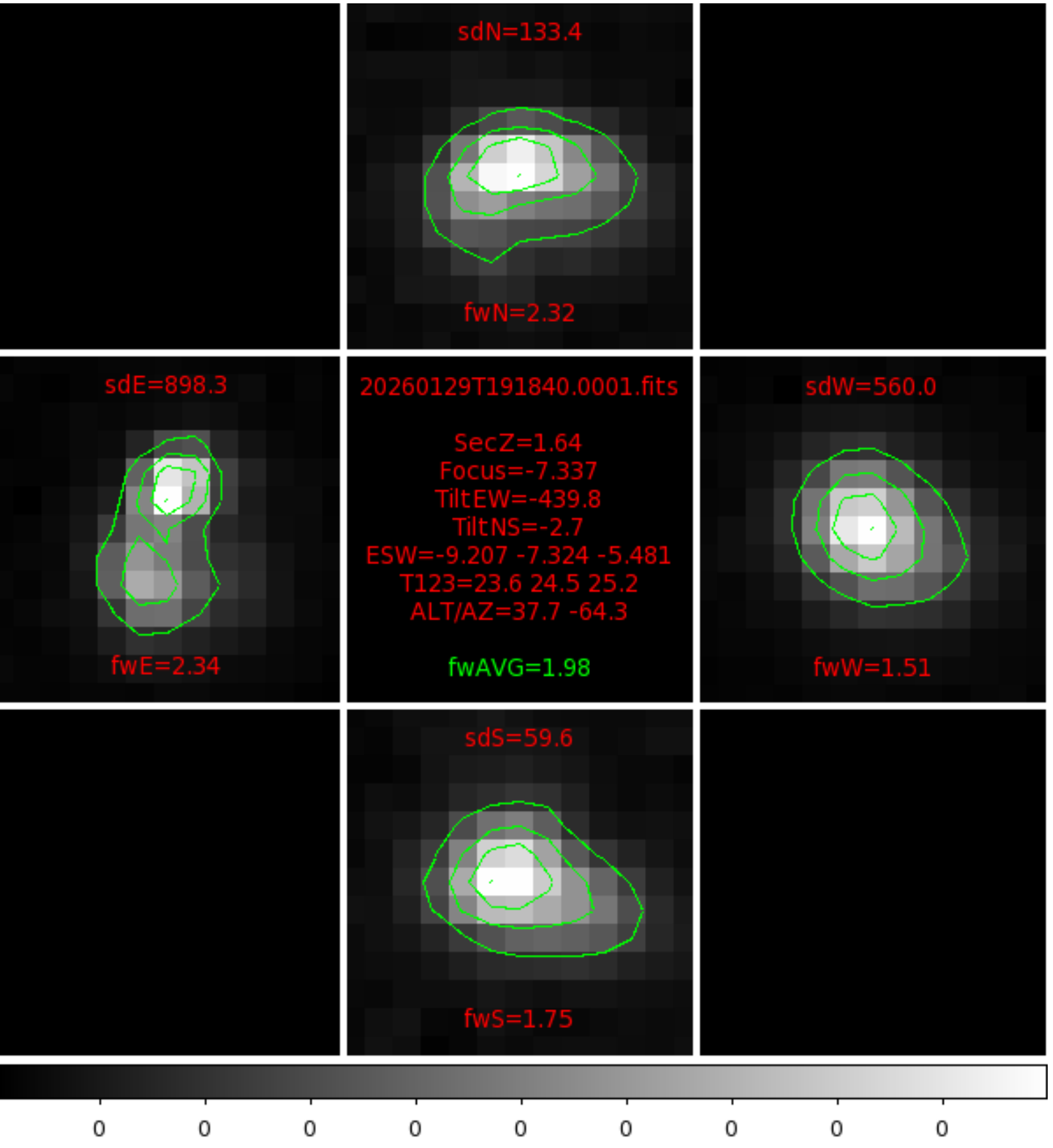
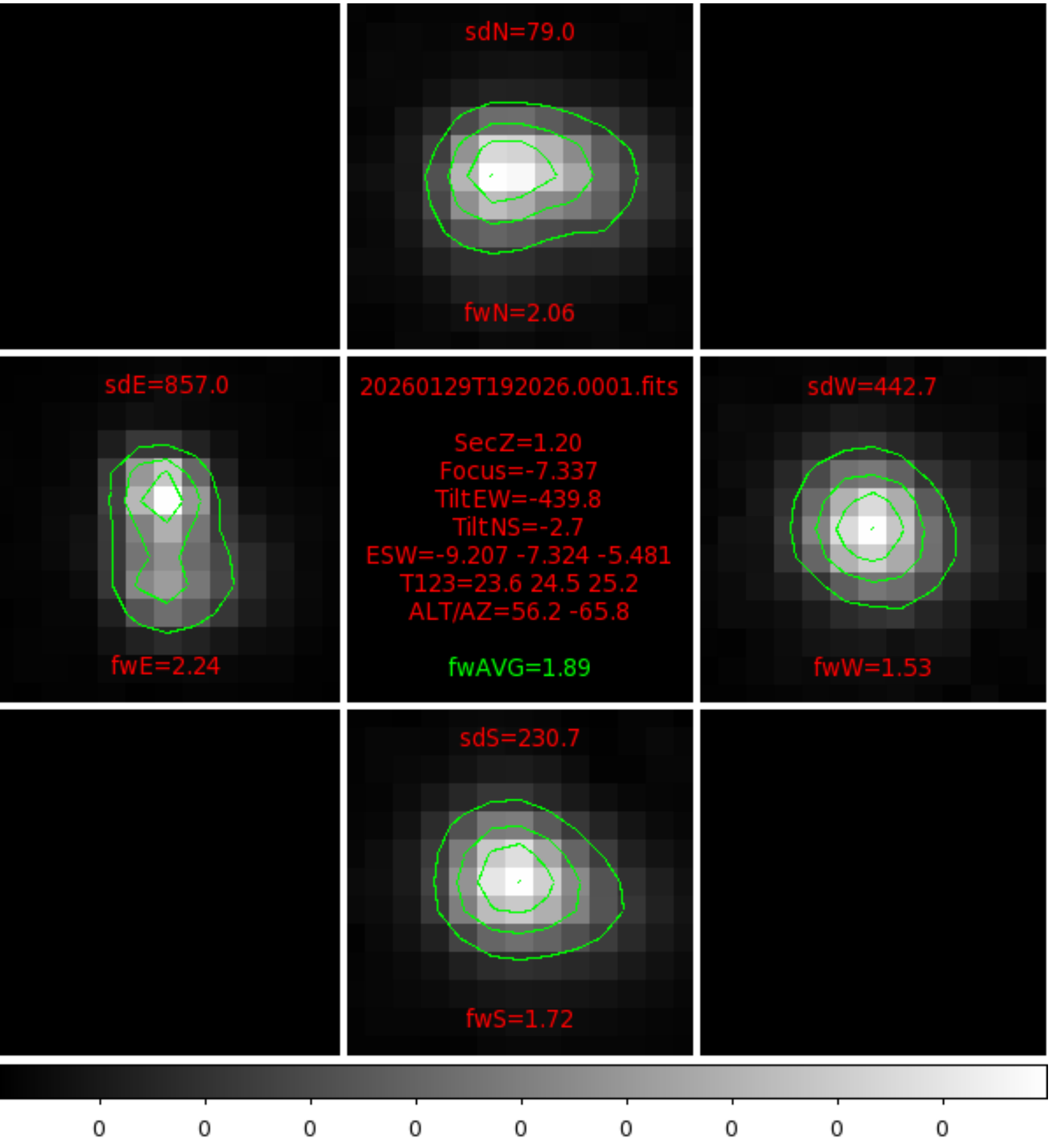
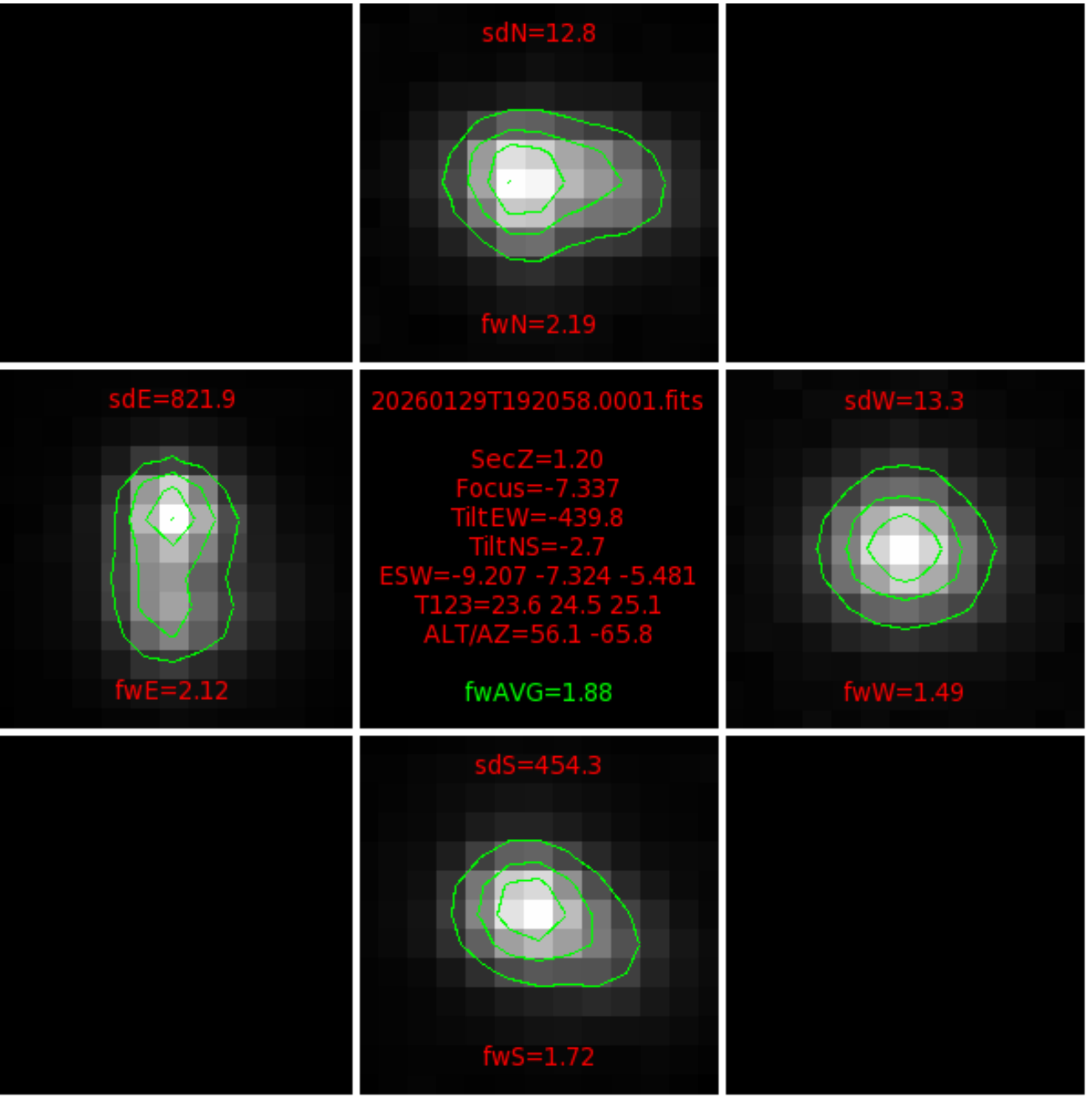
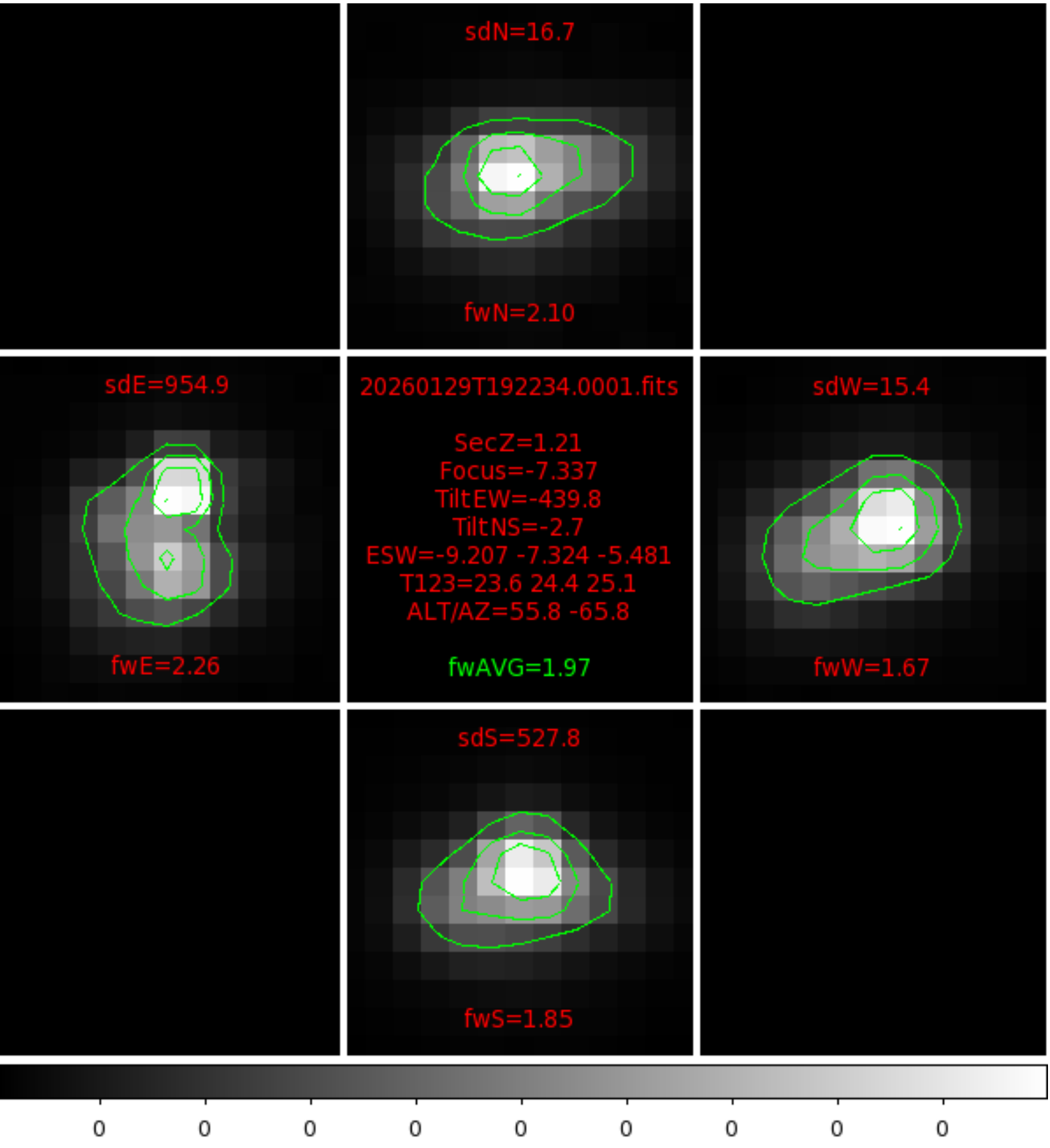

sdN=82.8
fwN=2.33
sdE=766.2
fwE=2.60
20260129T191810.0001.fits
SecZ=1.63
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.6 24.5 25.2
ALT/AZ=37.8 -64.3
fwAVG=2.11
sdW=387.5
fwW=1.68
sdS=34.5
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=133.4
fwN=2.32
sdE=898.3
fwE=2.34
20260129T191840.0001.fits
SecZ=1.64
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.6 24.5 25.2
ALT/AZ=37.7 -64.3
fwAVG=1.98
sdW=560.0
fwW=1.51
sdS=59.6
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=79.0
fwN=2.06
sdE=857.0
fwE=2.24
20260129T192026.0001.fits
SecZ=1.20
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.6 24.5 25.2
ALT/AZ=56.2 -65.8
fwAVG=1.89
sdW=442.7
fwW=1.53
sdS=230.7
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=12.8
fwN=2.19
sdE=821.9
fwE=2.12
20260129T192058.0001.fits
SecZ=1.20
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.6 24.5 25.1
ALT/AZ=56.1 -65.8
fwAVG=1.88
sdW=13.3
fwW=1.49
sdS=454.3
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=16.7
fwN=2.10
sdE=954.9
fwE=2.26
20260129T192234.0001.fits
SecZ=1.21
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.6 24.4 25.1
ALT/AZ=55.8 -65.8
fwAVG=1.97
sdW=15.4
fwW=1.67
sdS=527.8
fwS=1.85
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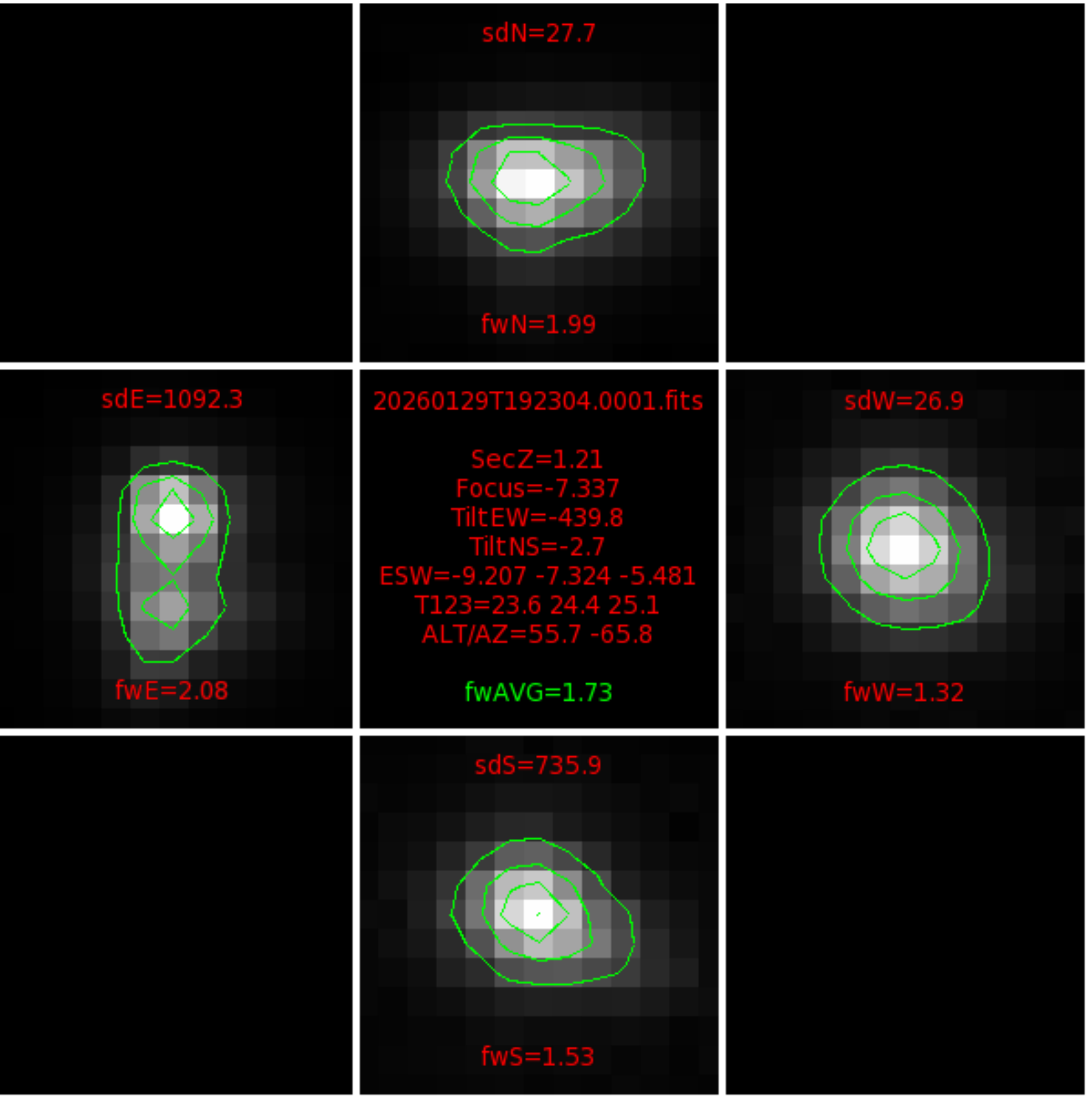
sdN=27.7
fwN=1.99
sdE=1092.3
fwE=2.08
20260129T192304.0001.fits
SecZ=1.21
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.6 24.4 25.1
ALT/AZ=55.7 -65.8
fwAVG=1.73
sdW=26.9
fwW=1.32
sdS=735.9
fwS=1.53
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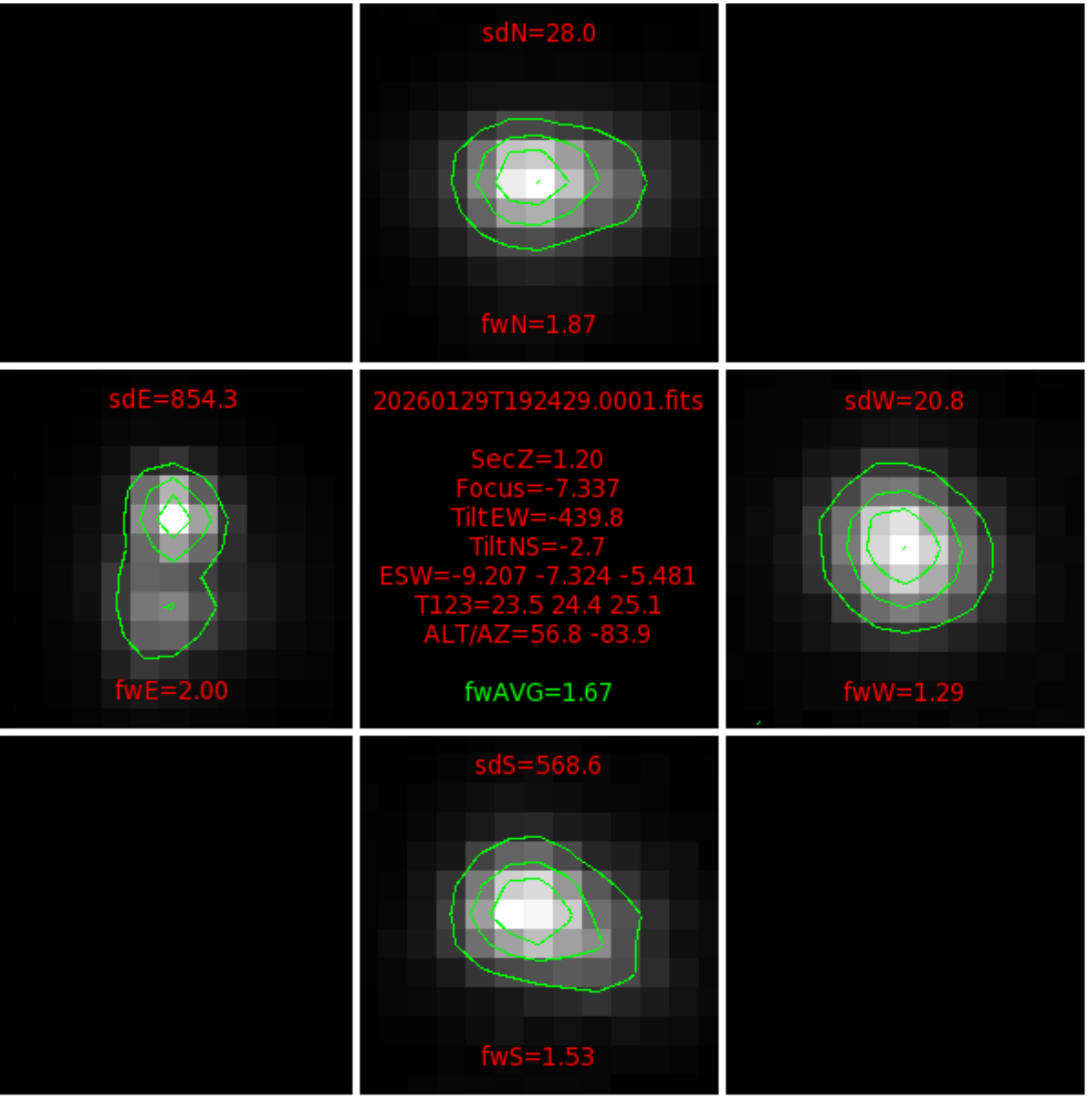
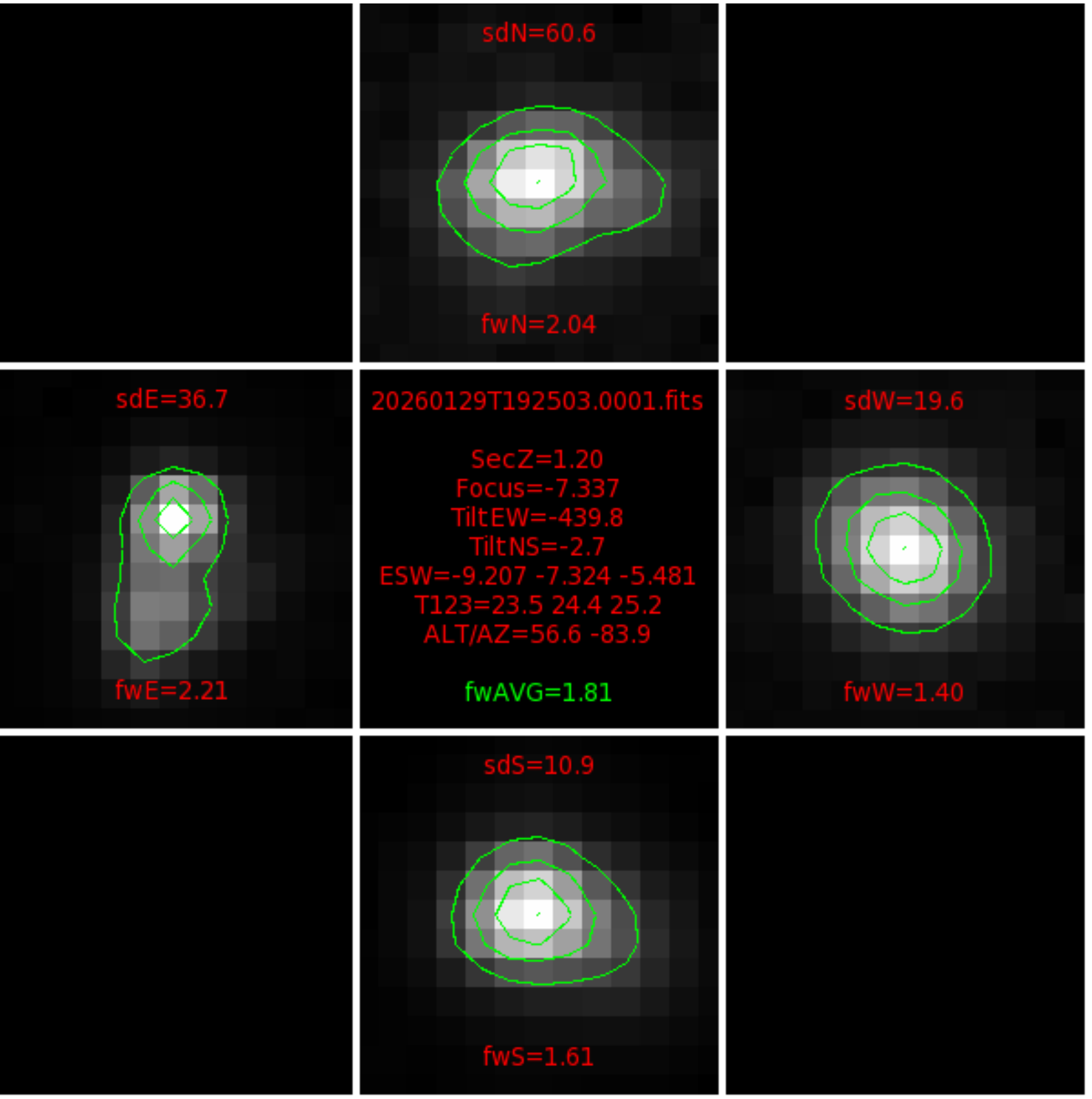

sdN=28.0
fwN=1.87
sdE=854.3
fwE=2.00
20260129T192429.0001.fits
SecZ=1.20
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.5 24.4 25.1
ALT/AZ=56.8 -83.9
fwAVG=1.67
sdW=20.8
fwW=1.29
sdS=568.6
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=60.6
fwN=2.04
sdE=36.7
fwE=2.21
20260129T192503.0001.fits
SecZ=1.20
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.5 24.4 25.2
ALT/AZ=56.6 -83.9
fwAVG=1.81
sdW=19.6
fwW=1.40
sdS=10.9
fwS=1.61
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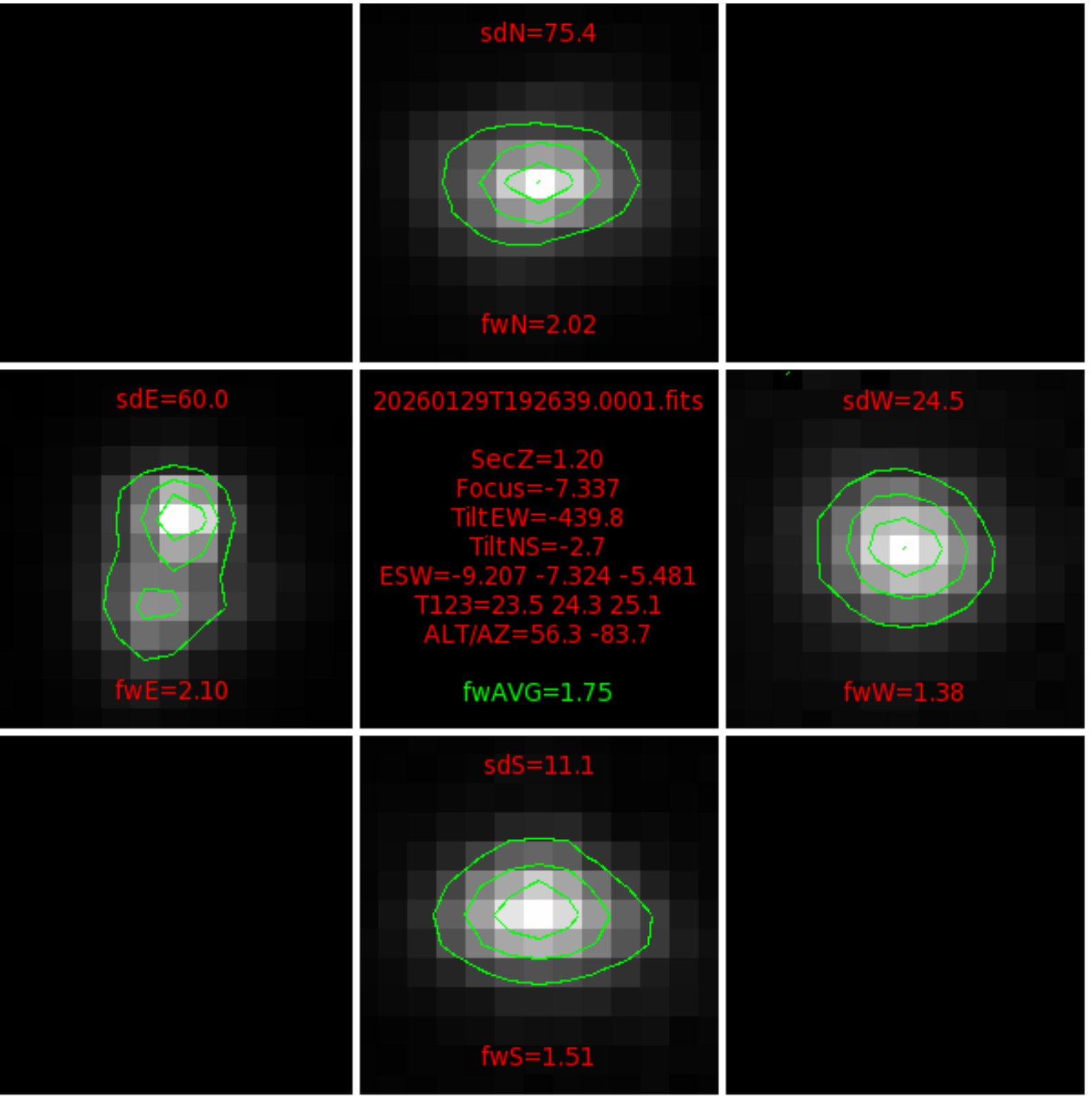
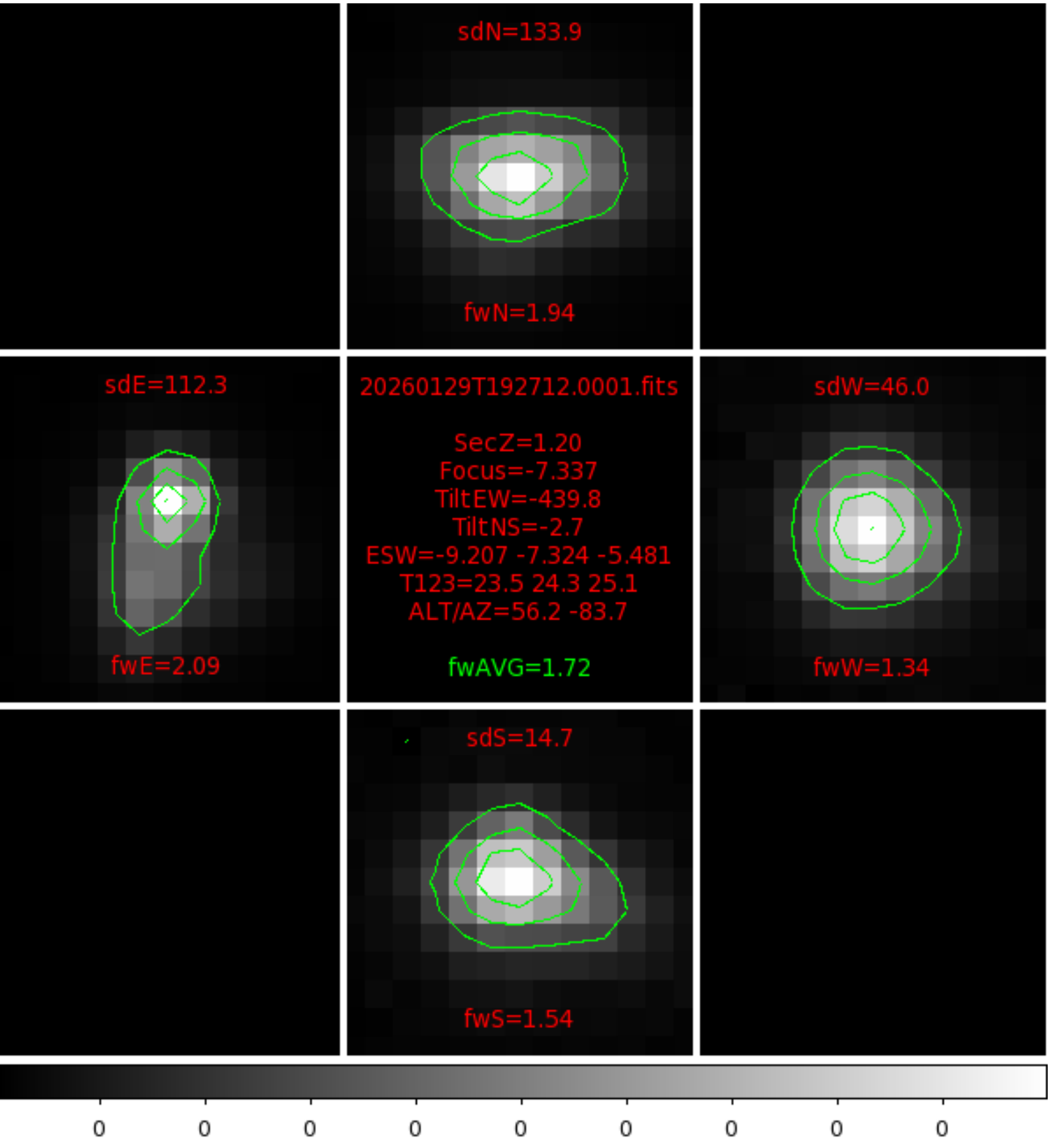

sdN=75.4
fwN=2.02
sdE=60.0
fwE=2.10
20260129T192639.0001.fits
SecZ=1.20
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.5 24.3 25.1
ALT/AZ=56.3 -83.7
fwAVG=1.75
sdW=24.5
fwW=1.38
sdS=11.1
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=133.9
fwN=1.94
sdE=112.3
fwE=2.09
20260129T192712.0001.fits
SecZ=1.20
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.5 24.3 25.1
ALT/AZ=56.2 -83.7
fwAVG=1.72
sdW=46.0
fwW=1.34
sdS=14.7
fwS=1.54
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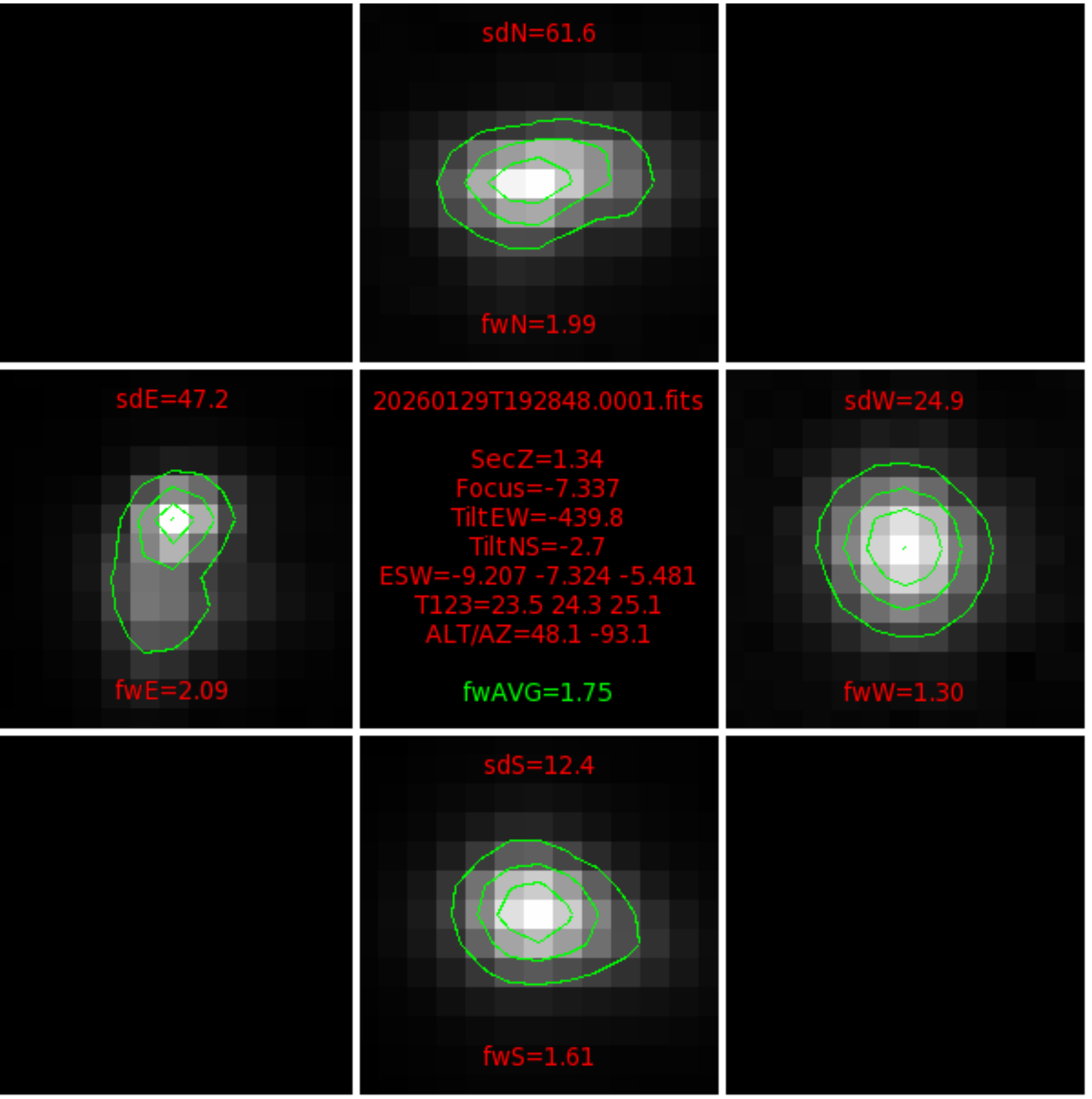
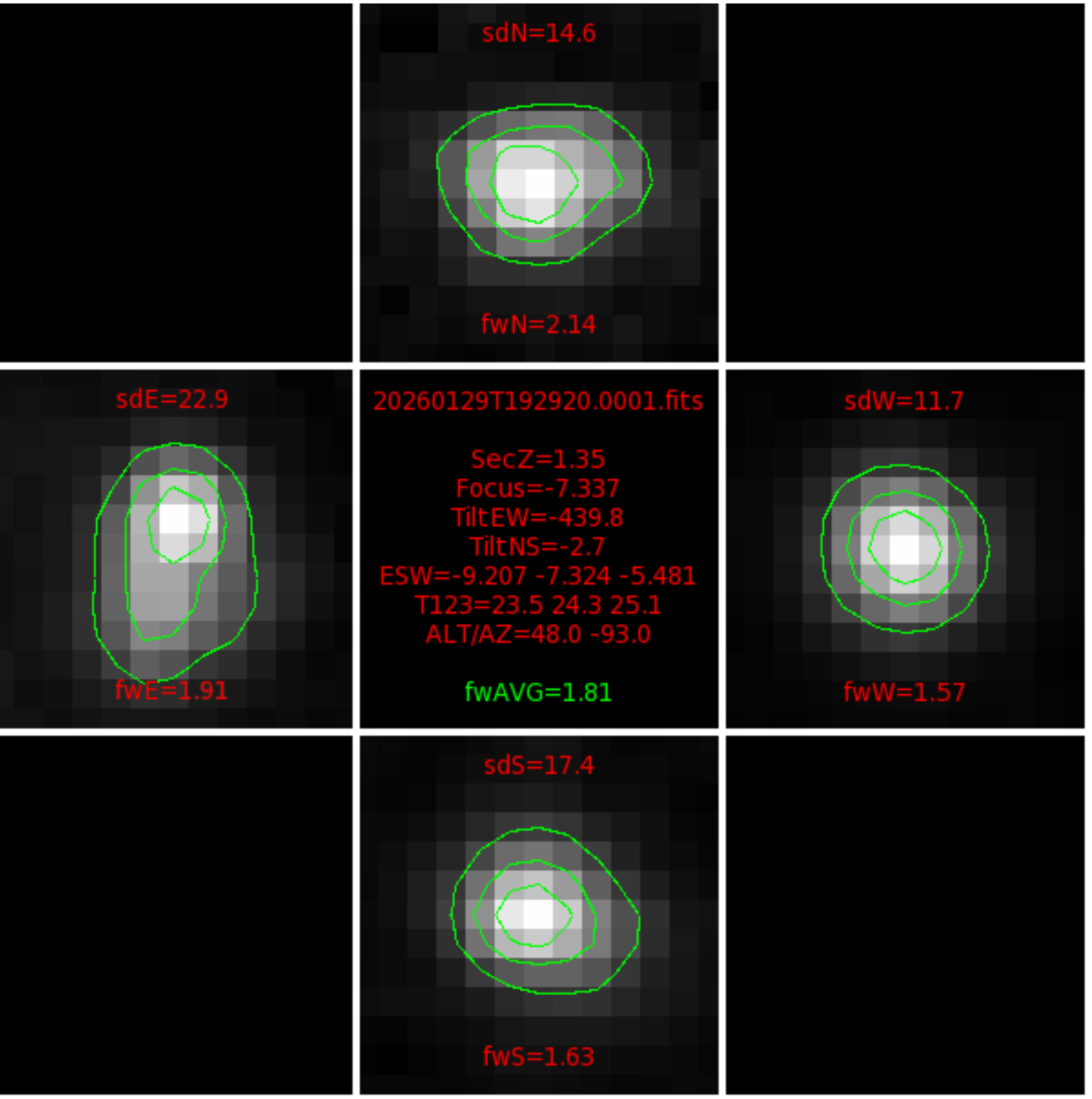
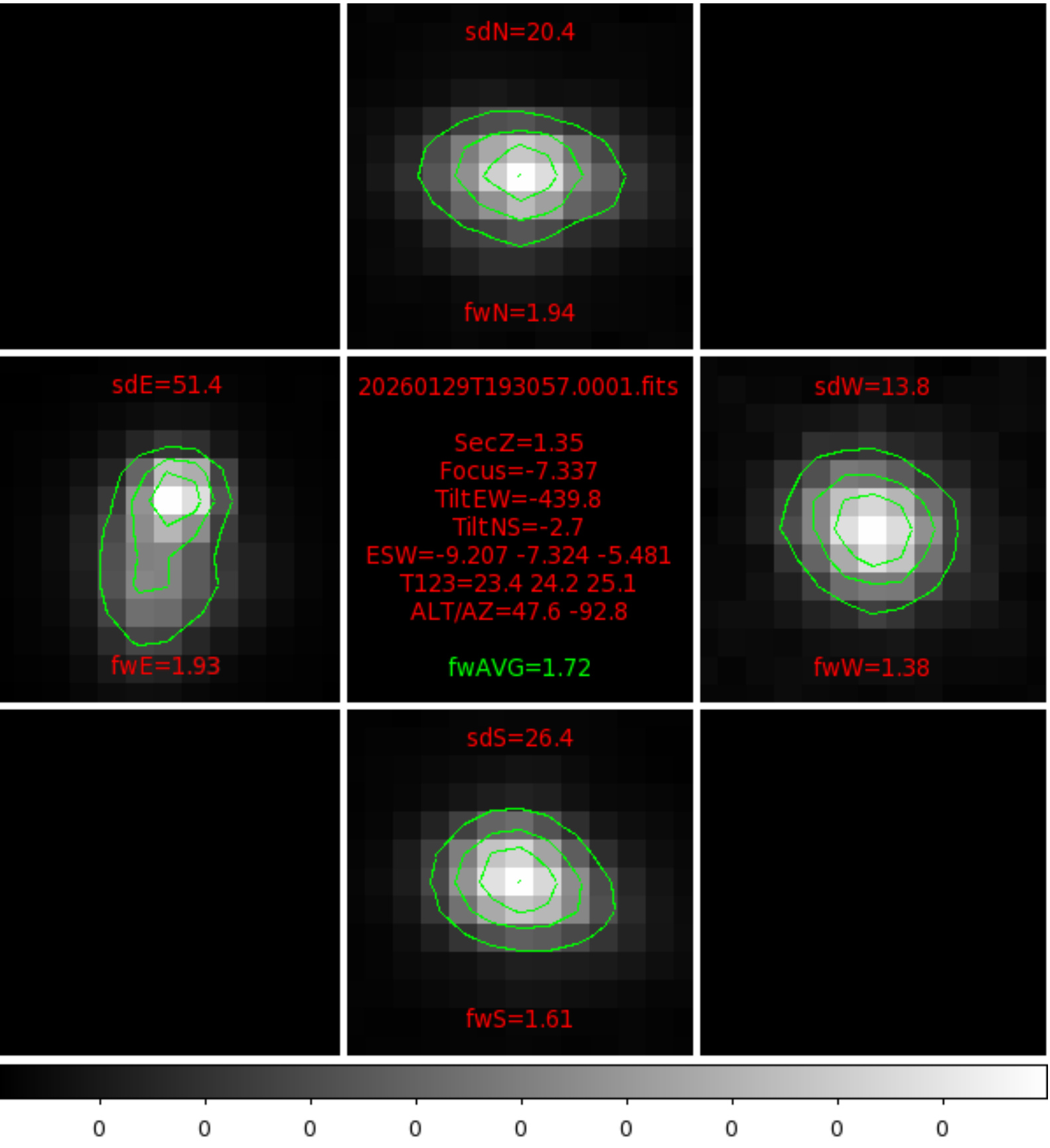
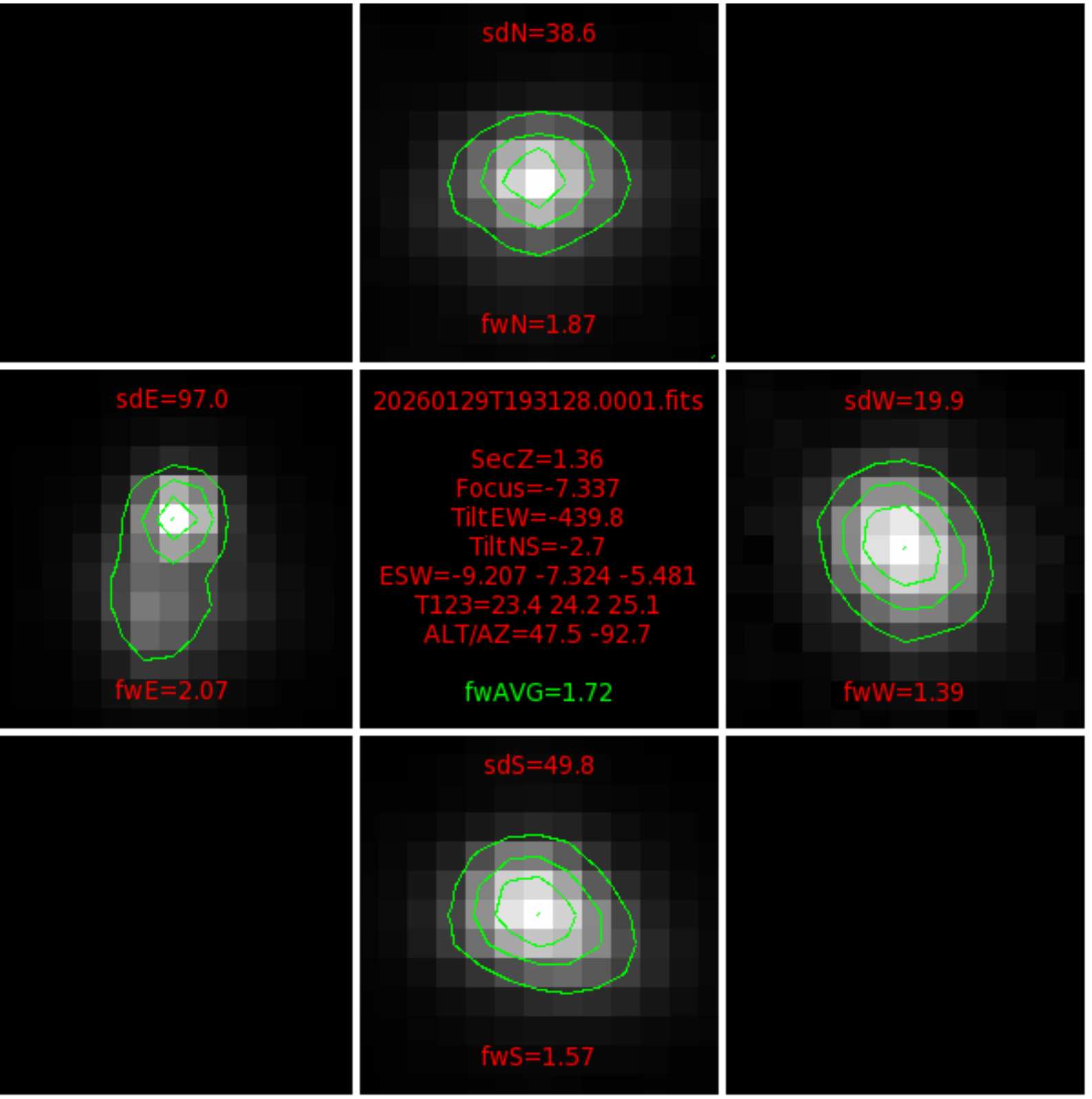

sdN=61.6
fwN=1.99
sdE=47.2
fwE=2.09
20260129T192848.0001.fits
SecZ=1.34
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.5 24.3 25.1
ALT/AZ=48.1 -93.1
fwAVG=1.75
sdW=24.9
fwW=1.30
sdS=12.4
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=14.6
fwN=2.14
sdE=22.9
fwE=1.91
20260129T192920.0001.fits
SecZ=1.35
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.5 24.3 25.1
ALT/AZ=48.0 -93.0
fwAVG=1.81
sdW=11.7
fwW=1.57
sdS=17.4
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=20.4
fwN=1.94
sdE=51.4
fwE=1.93
20260129T193057.0001.fits
SecZ=1.35
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.4 24.2 25.1
ALT/AZ=47.6 -92.8
fwAVG=1.72
sdW=13.8
fwW=1.38
sdS=26.4
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=38.6
fwN=1.87
sdE=97.0
fwE=2.07
20260129T193128.0001.fits
SecZ=1.36
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.4 24.2 25.1
ALT/AZ=47.5 -92.7
fwAVG=1.72
sdW=19.9
fwW=1.39
sdS=49.8
fwS=1.57
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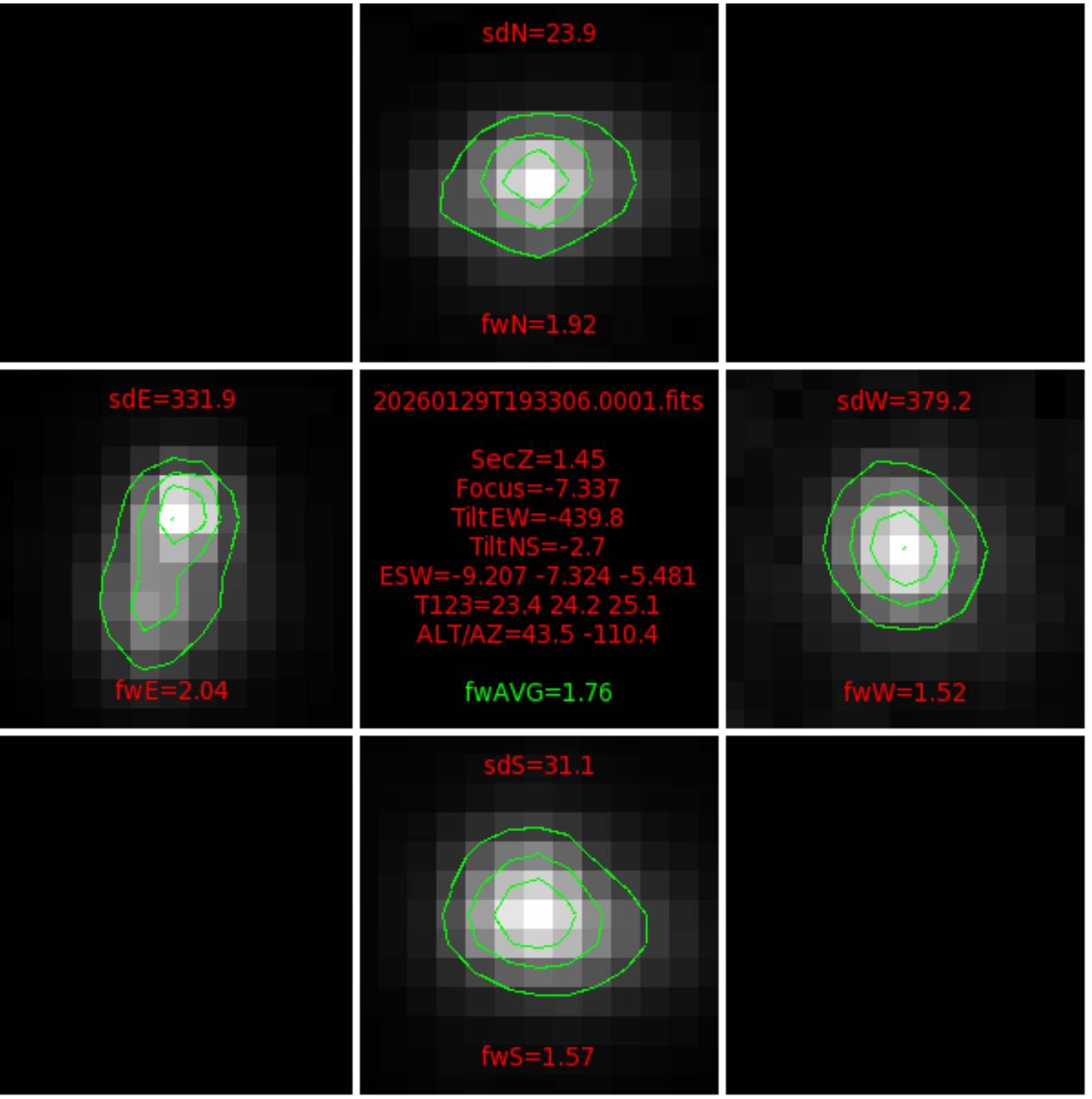
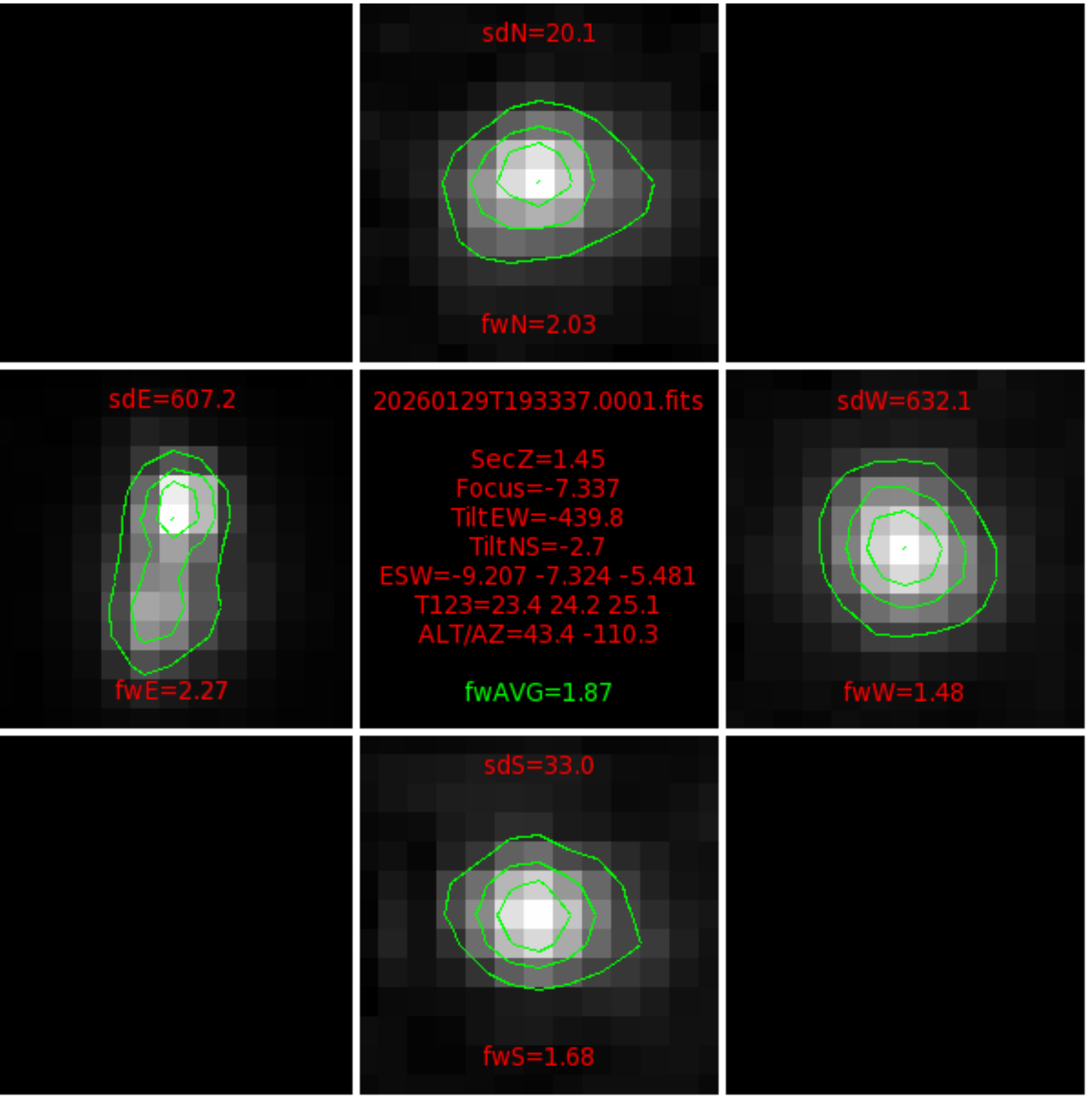
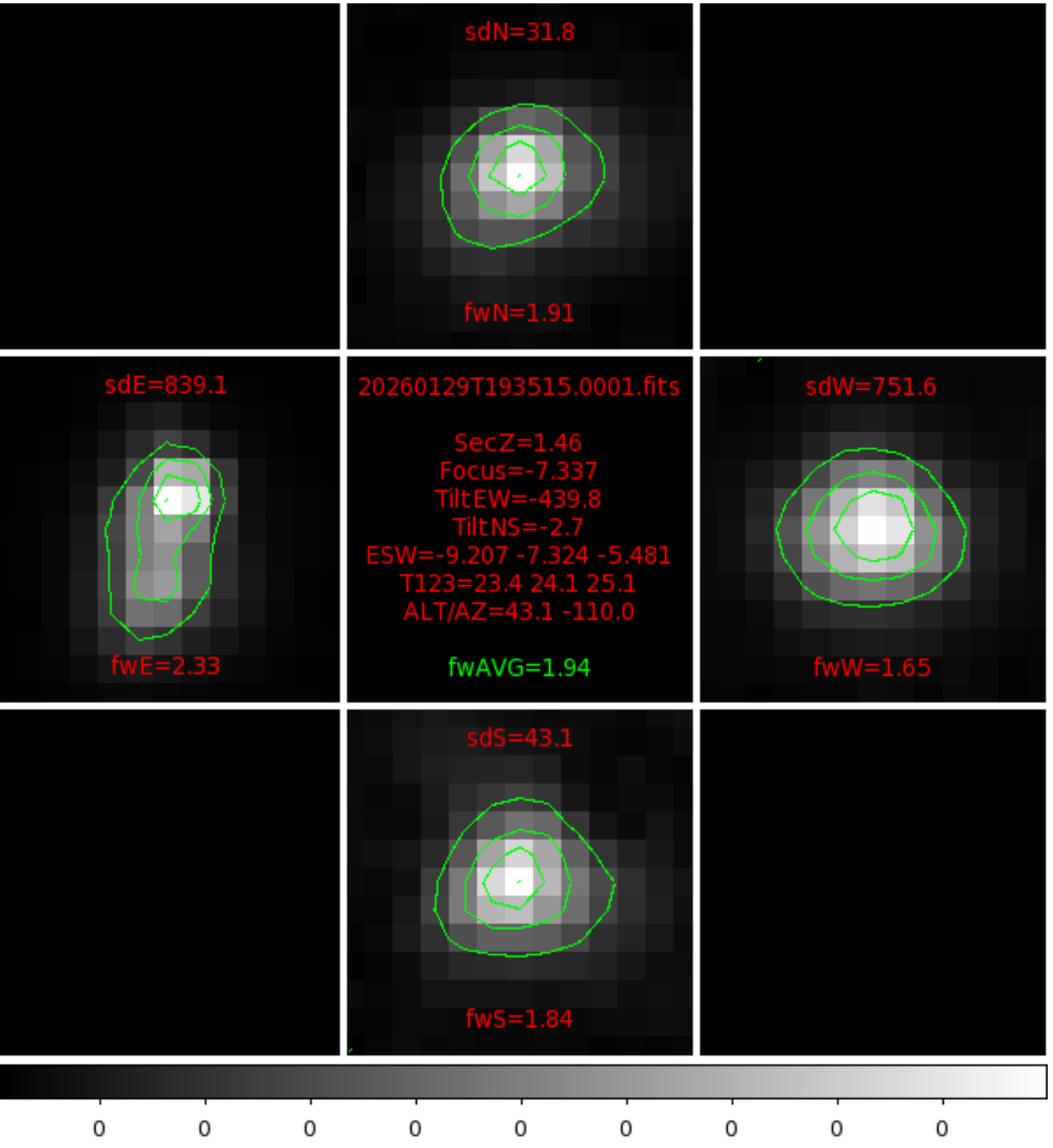
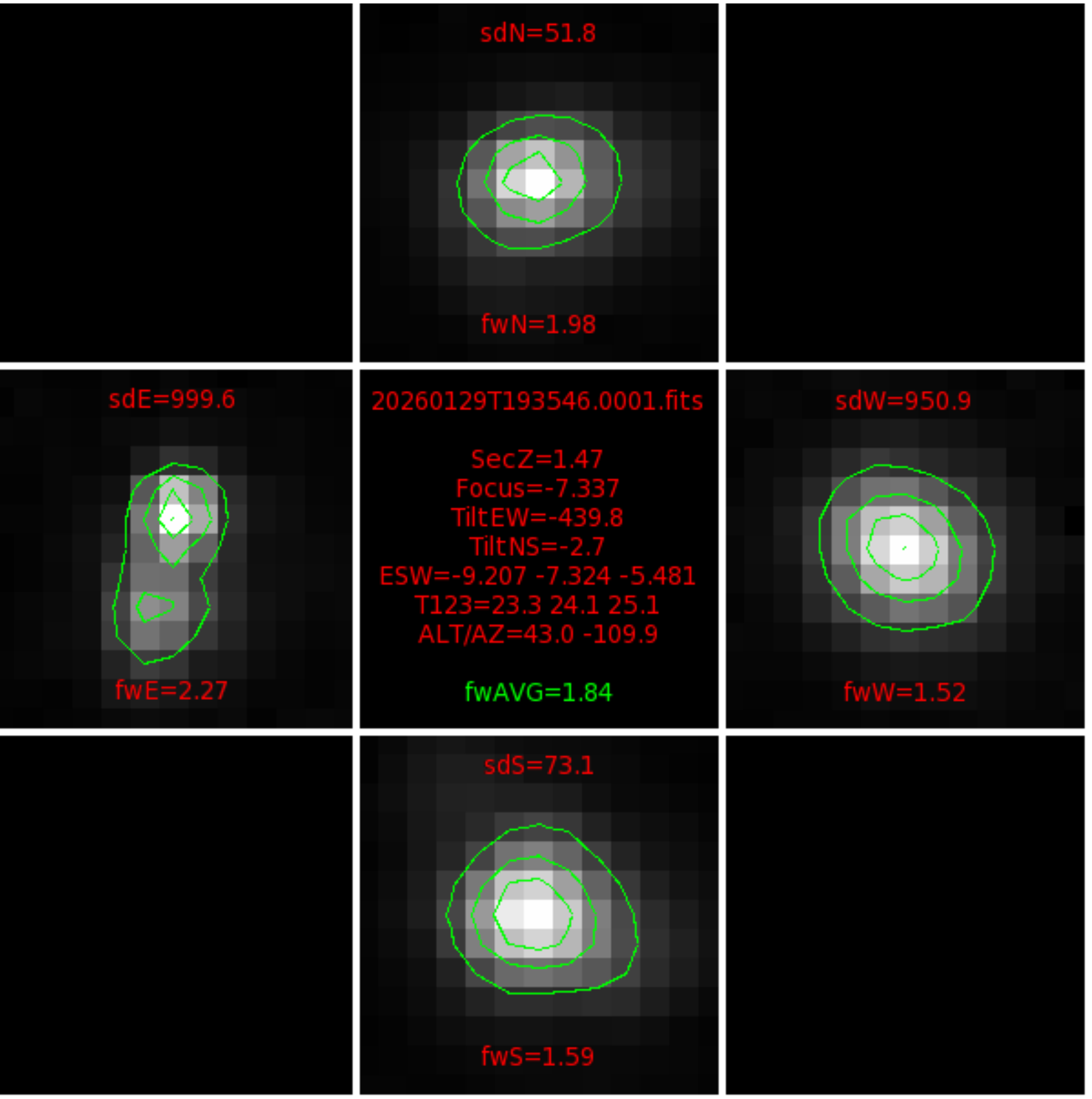
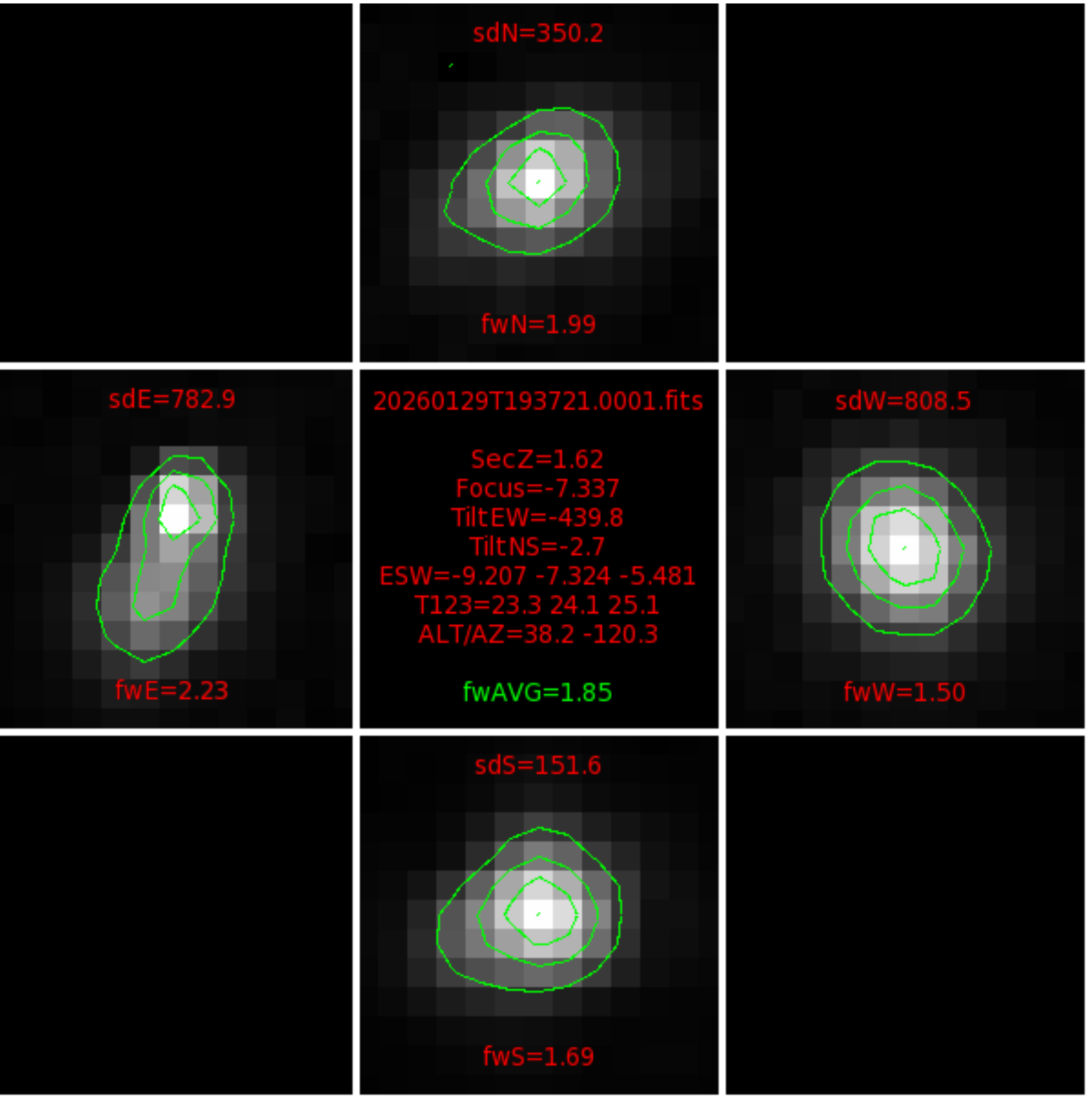

sdN=23.9
fwN=1.92
sdE=331.9
fwE=2.04
20260129T193306.0001.fits
SecZ=1.45
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.4 24.2 25.1
ALT/AZ=43.5 -110.4
fwAVG=1.76
sdW=379.2
fwW=1.52
sdS=31.1
fwS=1.57
0 0 0 0 0 0 0 0 0


sdN=20.1
fwN=2.03
sdE=607.2
fwE=2.27
20260129T193337.0001.fits
SecZ=1.45
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.4 24.2 25.1
ALT/AZ=43.4 -110.3
fwAVG=1.87
sdW=632.1
fwW=1.48
sdS=33.0
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=31.8
fwN=1.91
sdE=839.1
fwE=2.33
20260129T193515.0001.fits
SecZ=1.46
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.4 24.1 25.1
ALT/AZ=43.1 -110.0
fwAVG=1.94
sdW=751.6
fwW=1.65
sdS=43.1
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=51.8
fwN=1.98
sdE=999.6
fwE=2.27
20260129T193546.0001.fits
SecZ=1.47
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.3 24.1 25.1
ALT/AZ=43.0 -109.9
fwAVG=1.84
sdW=950.9
fwW=1.52
sdS=73.1
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=350.2
fwN=1.99
sdE=782.9
fwE=2.23
20260129T193721.0001.fits
SecZ=1.62
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.3 24.1 25.1
ALT/AZ=38.2 -120.3
fwAVG=1.85
sdW=808.5
fwW=1.50
sdS=151.6
fwS=1.69
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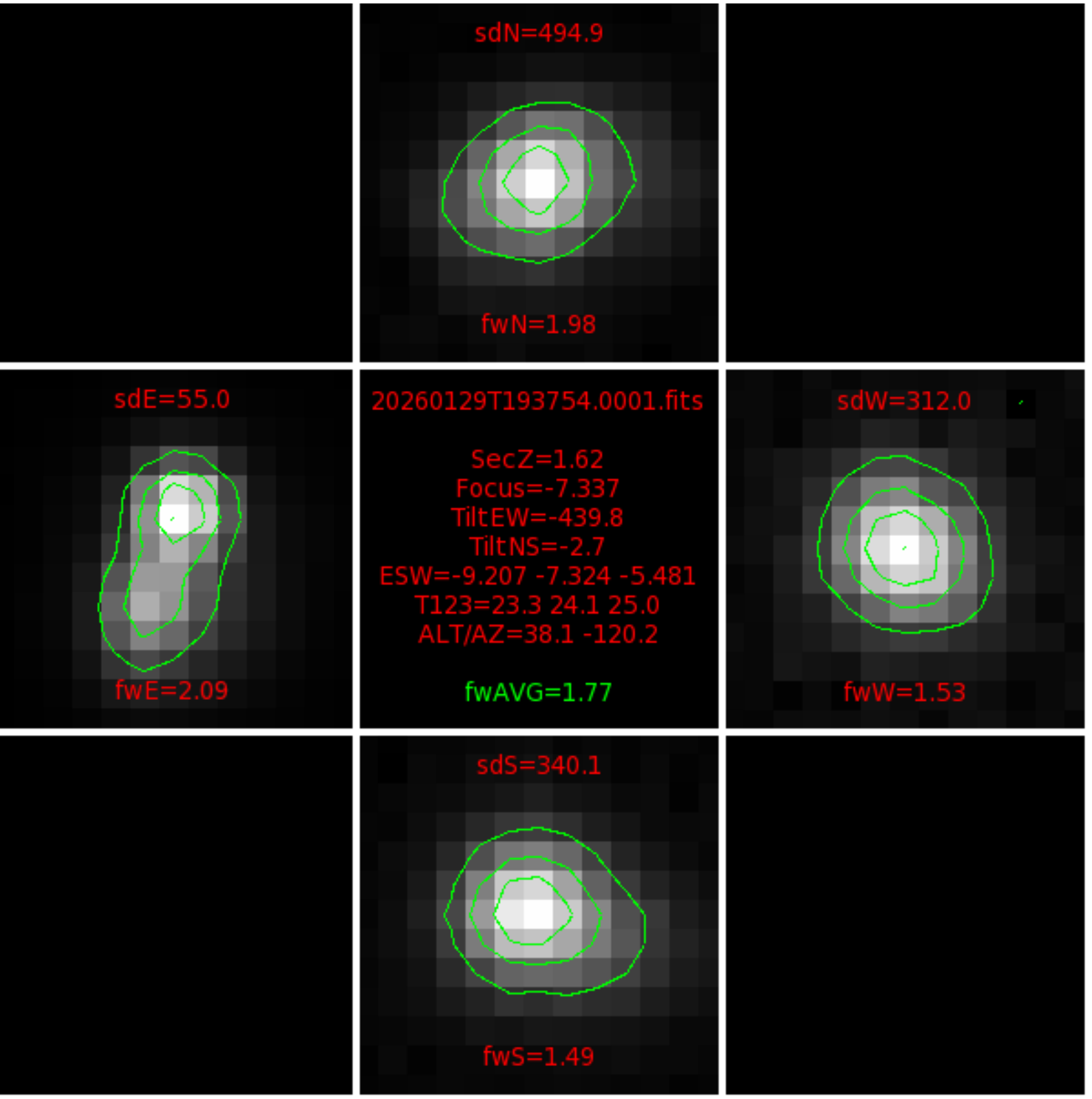
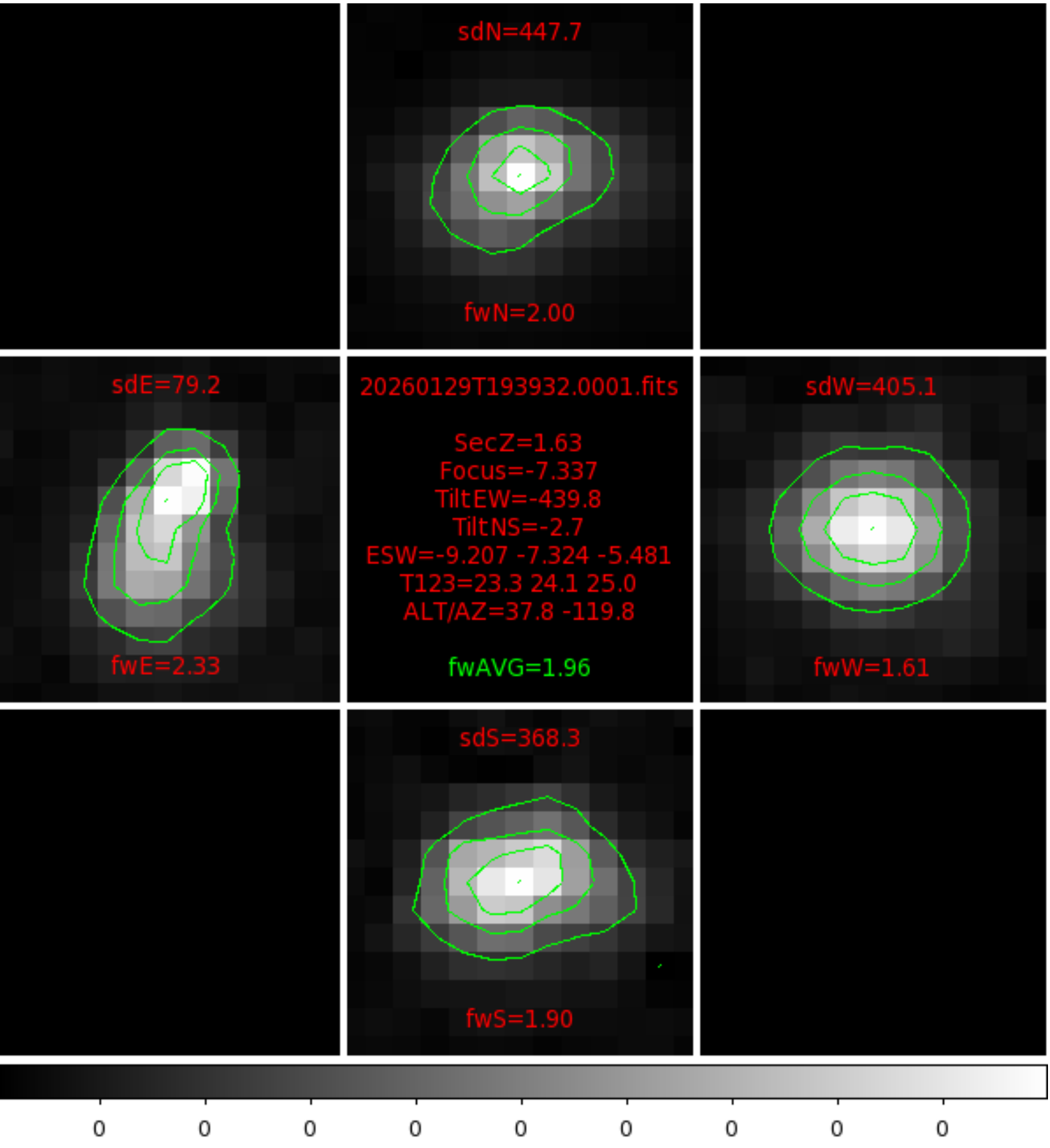
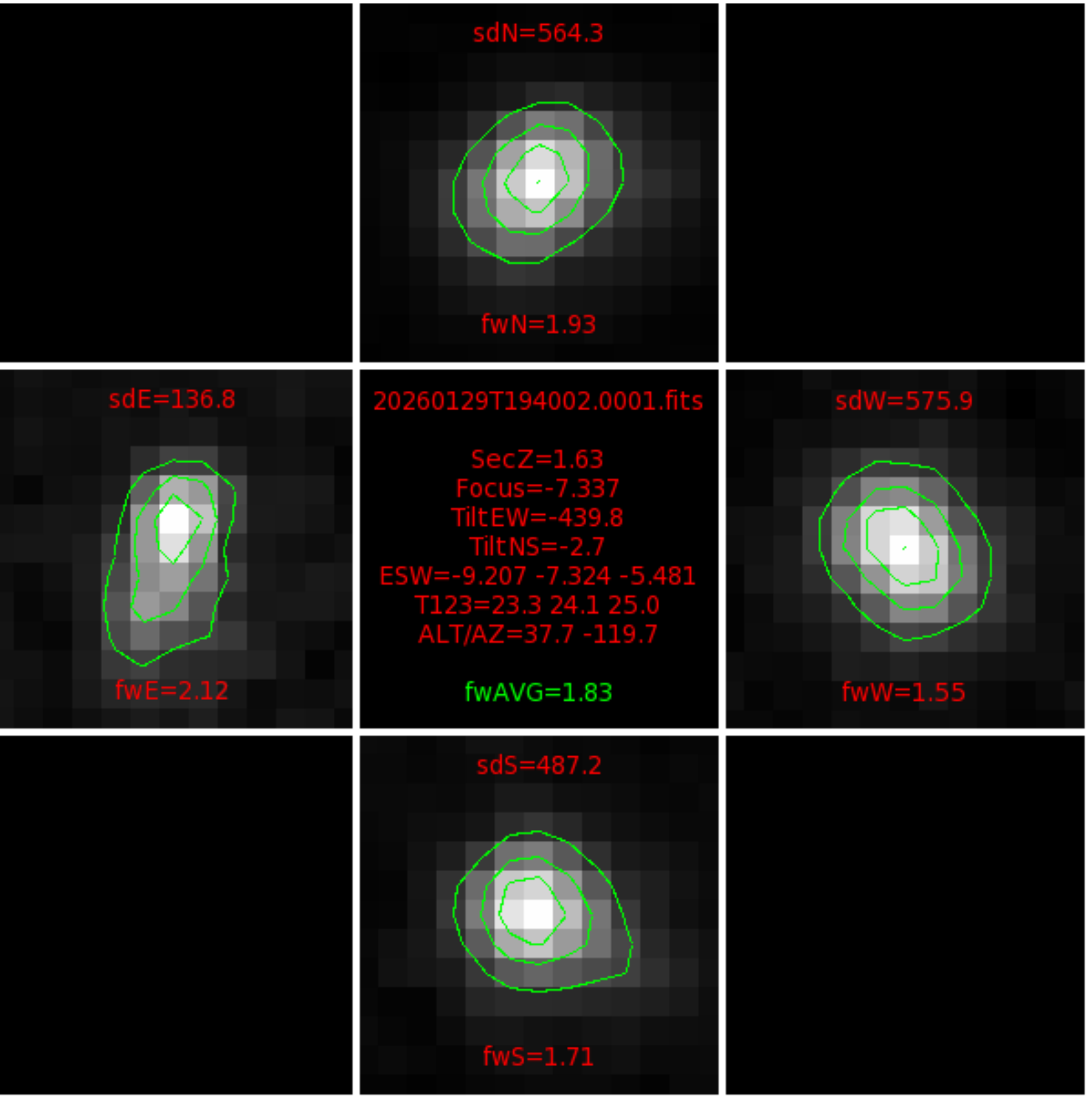

sdN=494.9
fwN=1.98
sdE=55.0
fwE=2.09
20260129T193754.0001.fits
SecZ=1.62
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.3 24.1 25.0
ALT/AZ=38.1 -120.2
fwAVG=1.77
sdW=312.0
fwW=1.53
sdS=340.1
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=447.7
fwN=2.00
sdE=79.2
fwE=2.33
20260129T193932.0001.fits
SecZ=1.63
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.3 24.1 25.0
ALT/AZ=37.8 -119.8
fwAVG=1.96
sdW=405.1
fwW=1.61
sdS=368.3
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=564.3
fwN=1.93
sdE=136.8
fwE=2.12
20260129T194002.0001.fits
SecZ=1.63
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.3 24.1 25.0
ALT/AZ=37.7 -119.7
fwAVG=1.83
sdW=575.9
fwW=1.55
sdS=487.2
fwS=1.71
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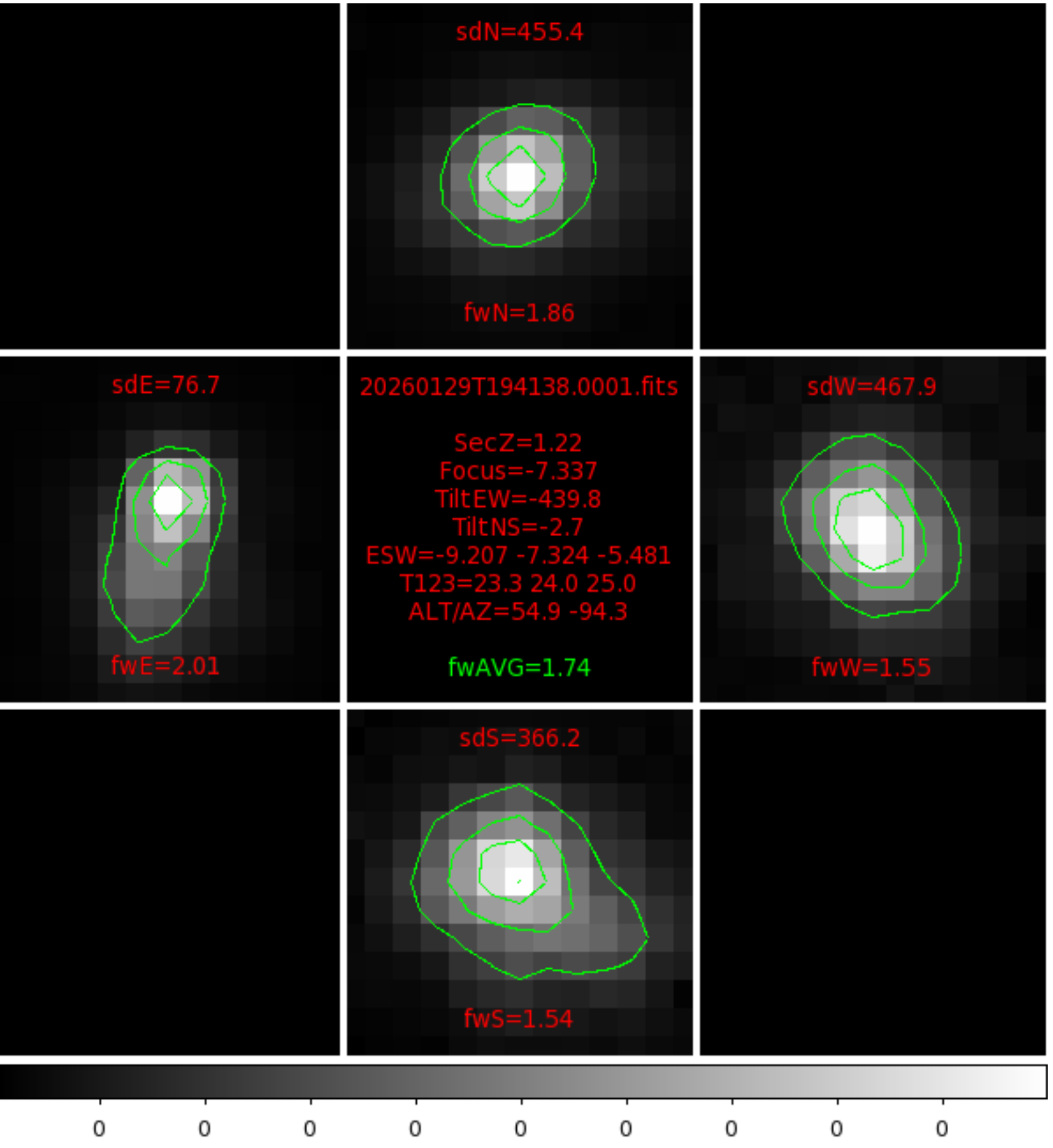
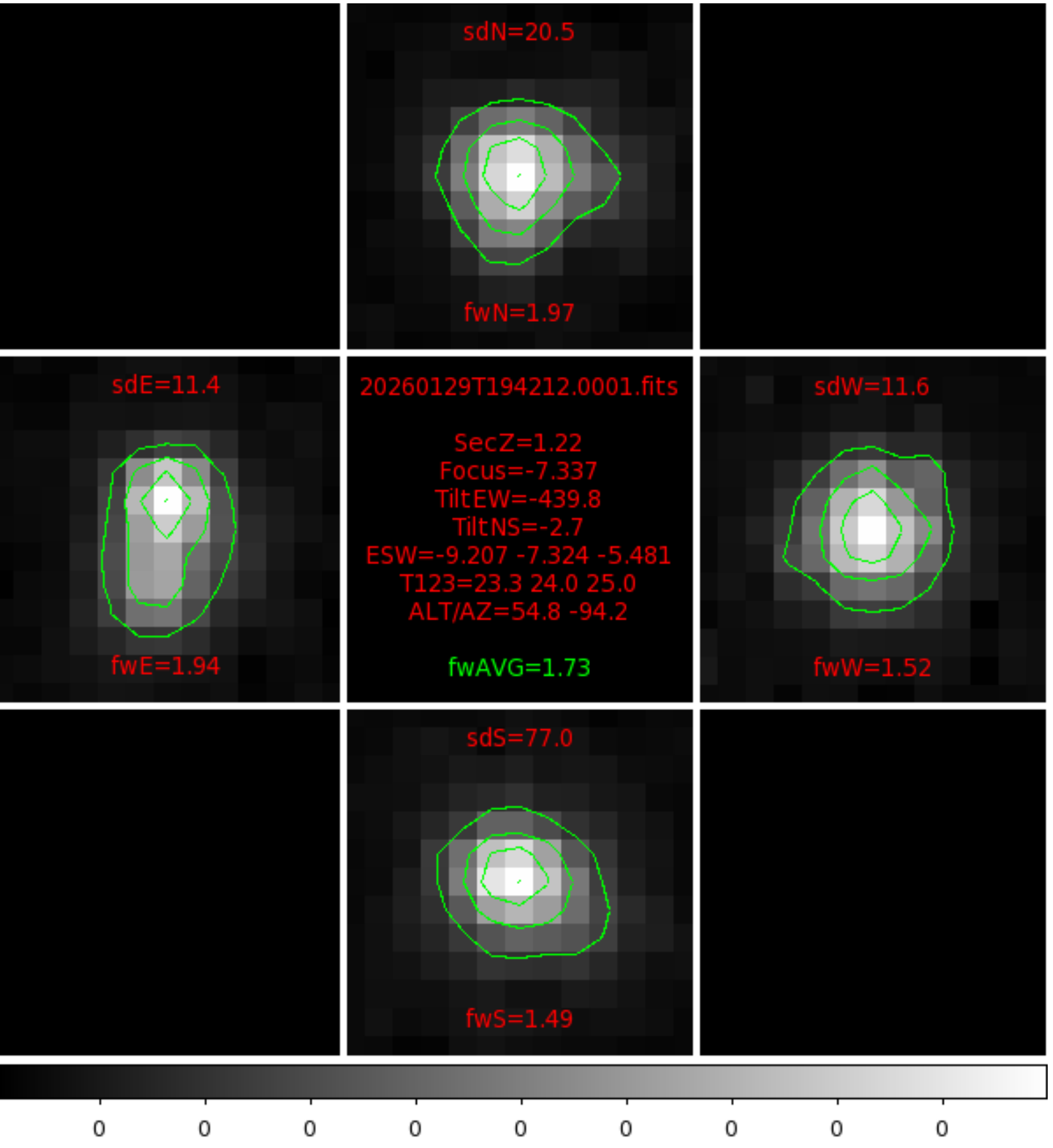
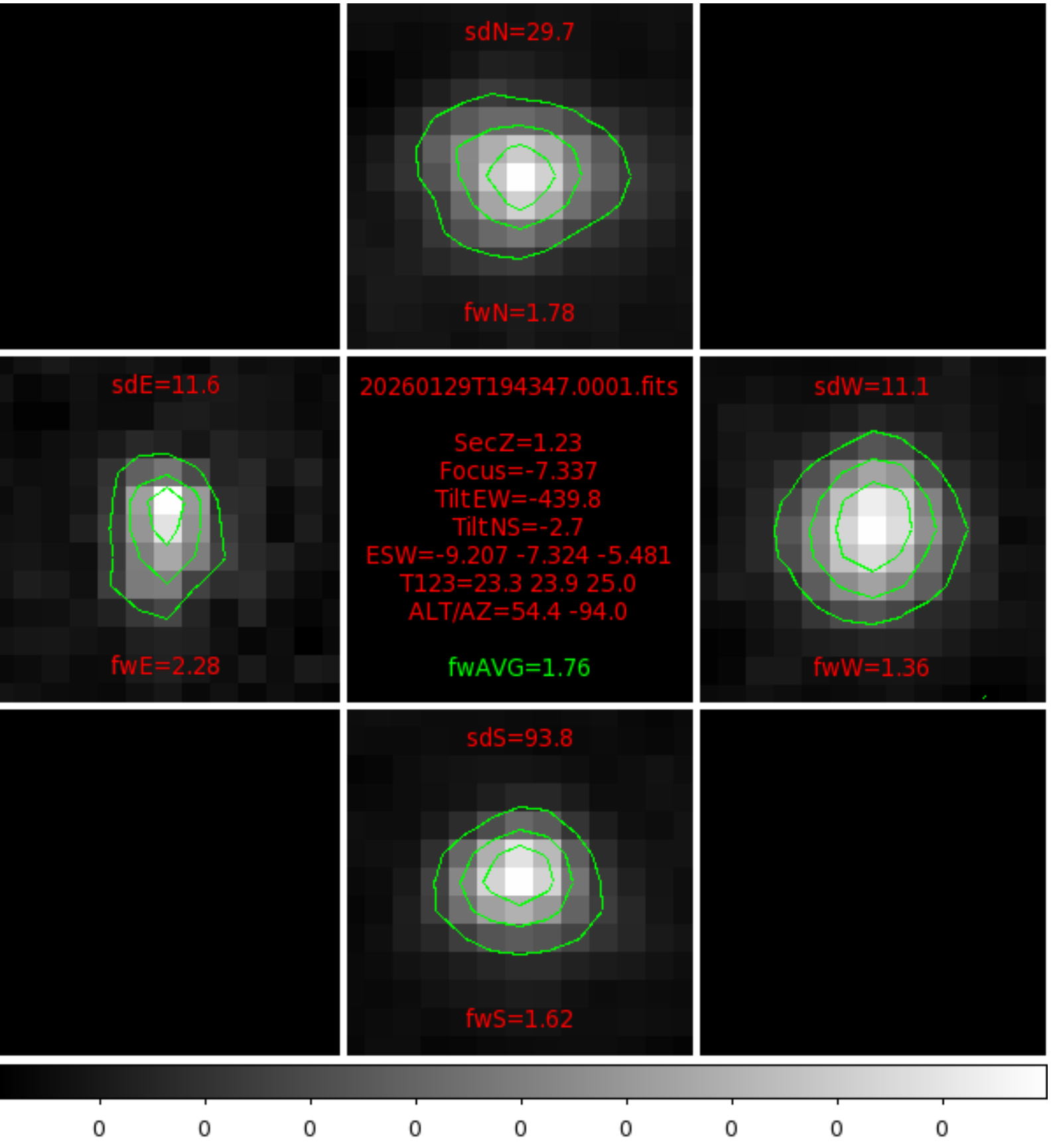
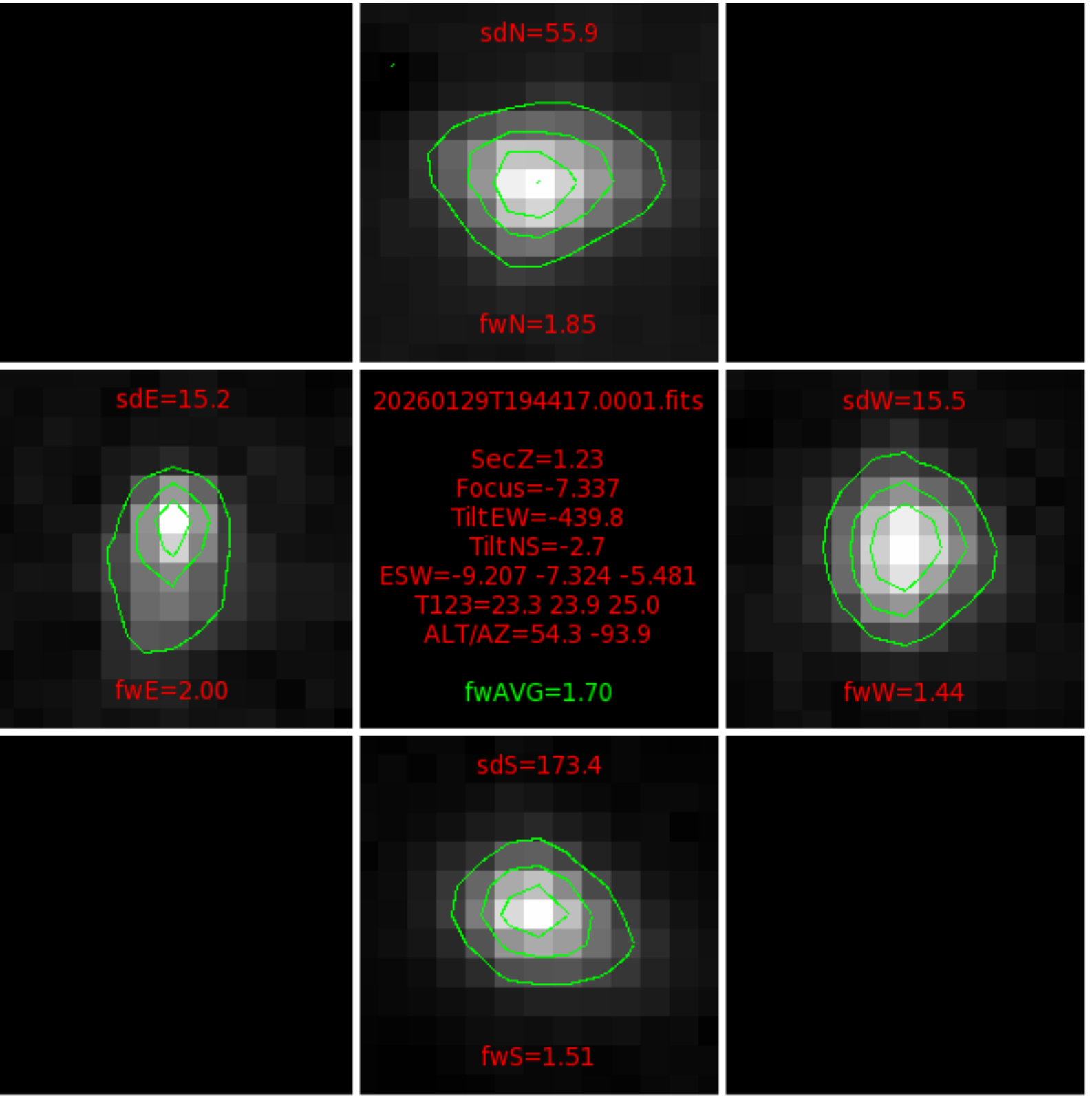
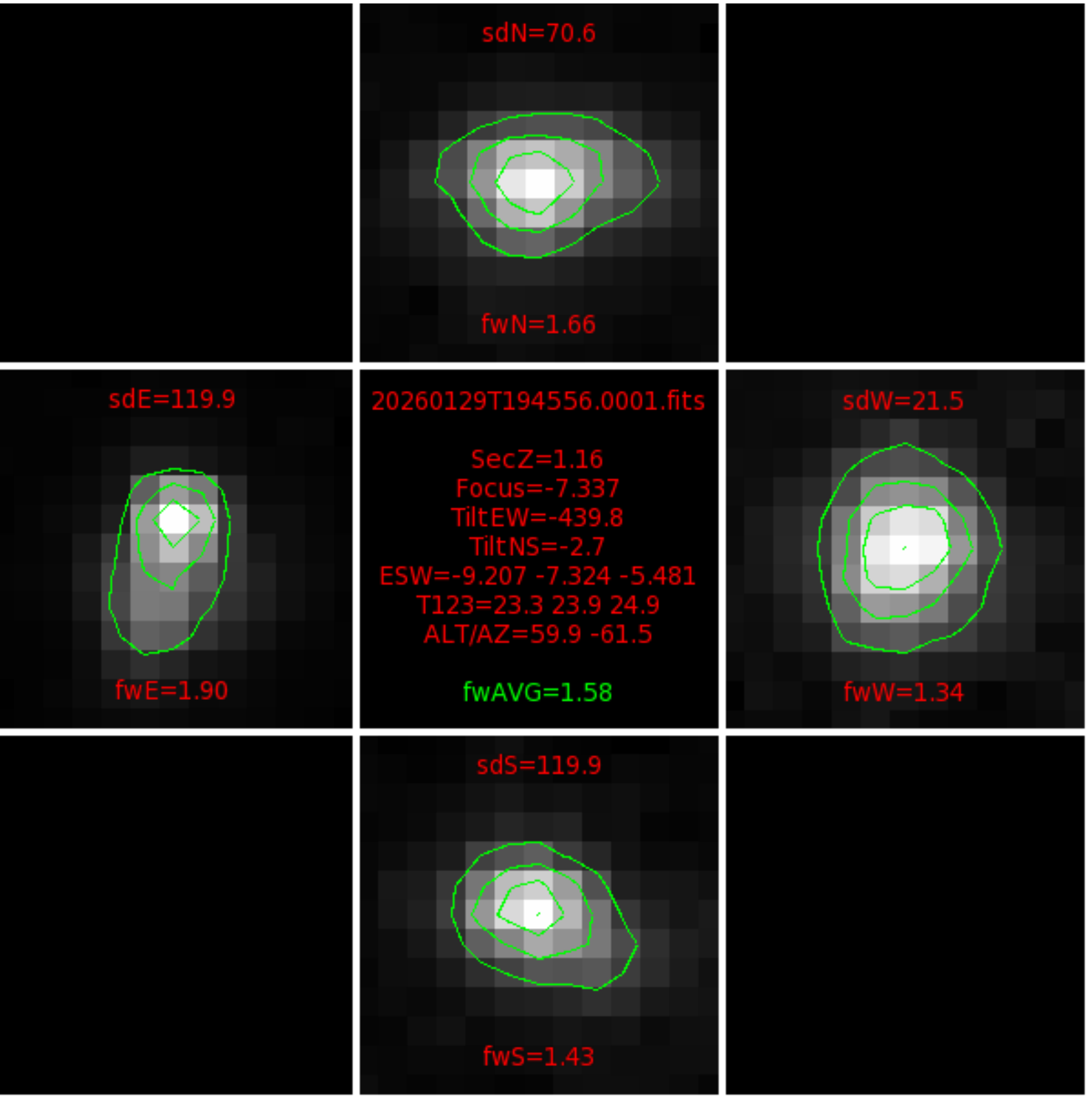
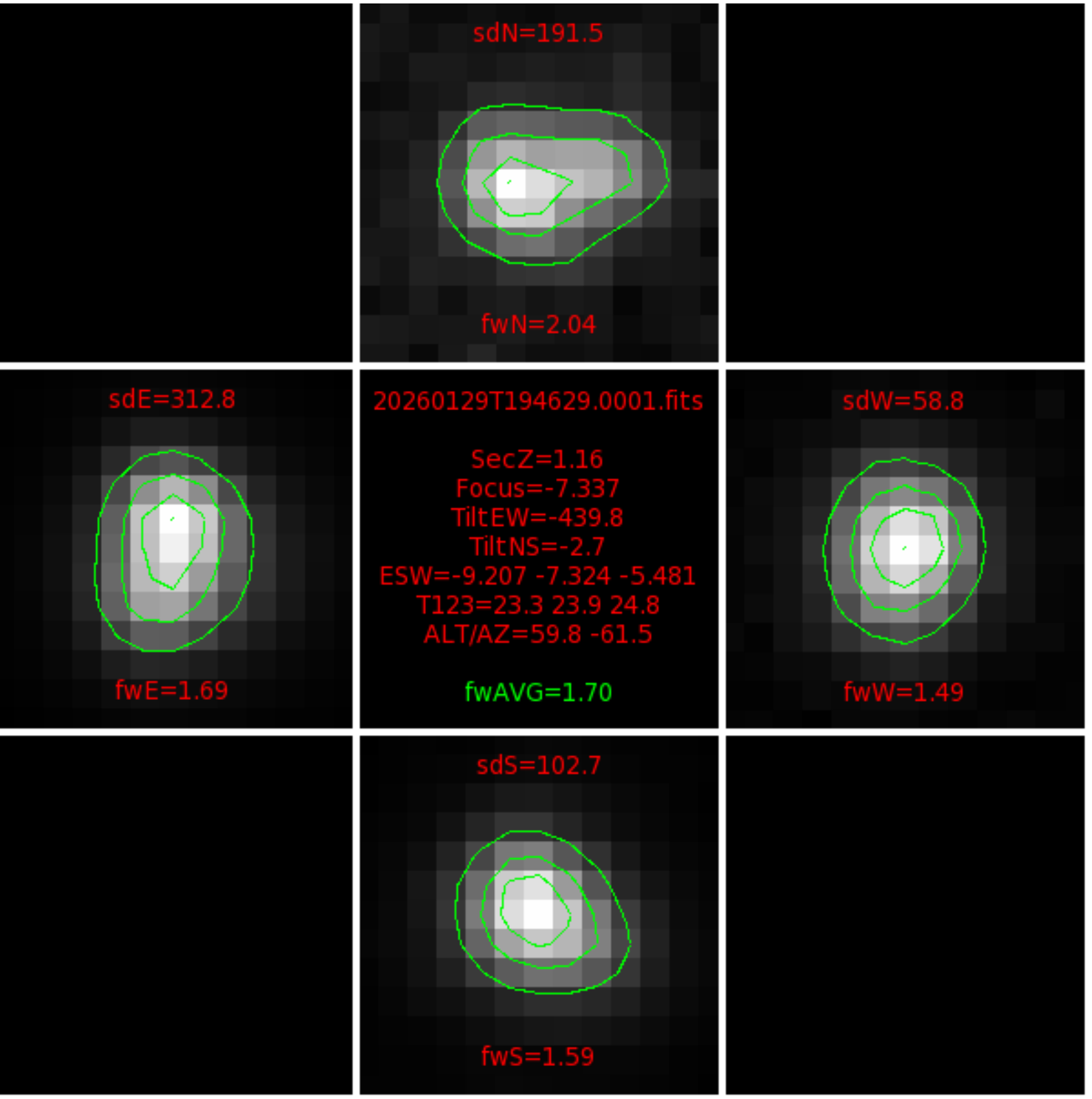

sdN=455.4
fwN=1.86
sdE=76.7
fwE=2.01
20260129T194138.0001.fits
SecZ=1.22
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.3 24.0 25.0
ALT/AZ=54.9 -94.3
fwAVG=1.74
sdW=467.9
fwW=1.55
sdS=366.2
fwS=1.54
0 0 0 0 0 0 0 0 0

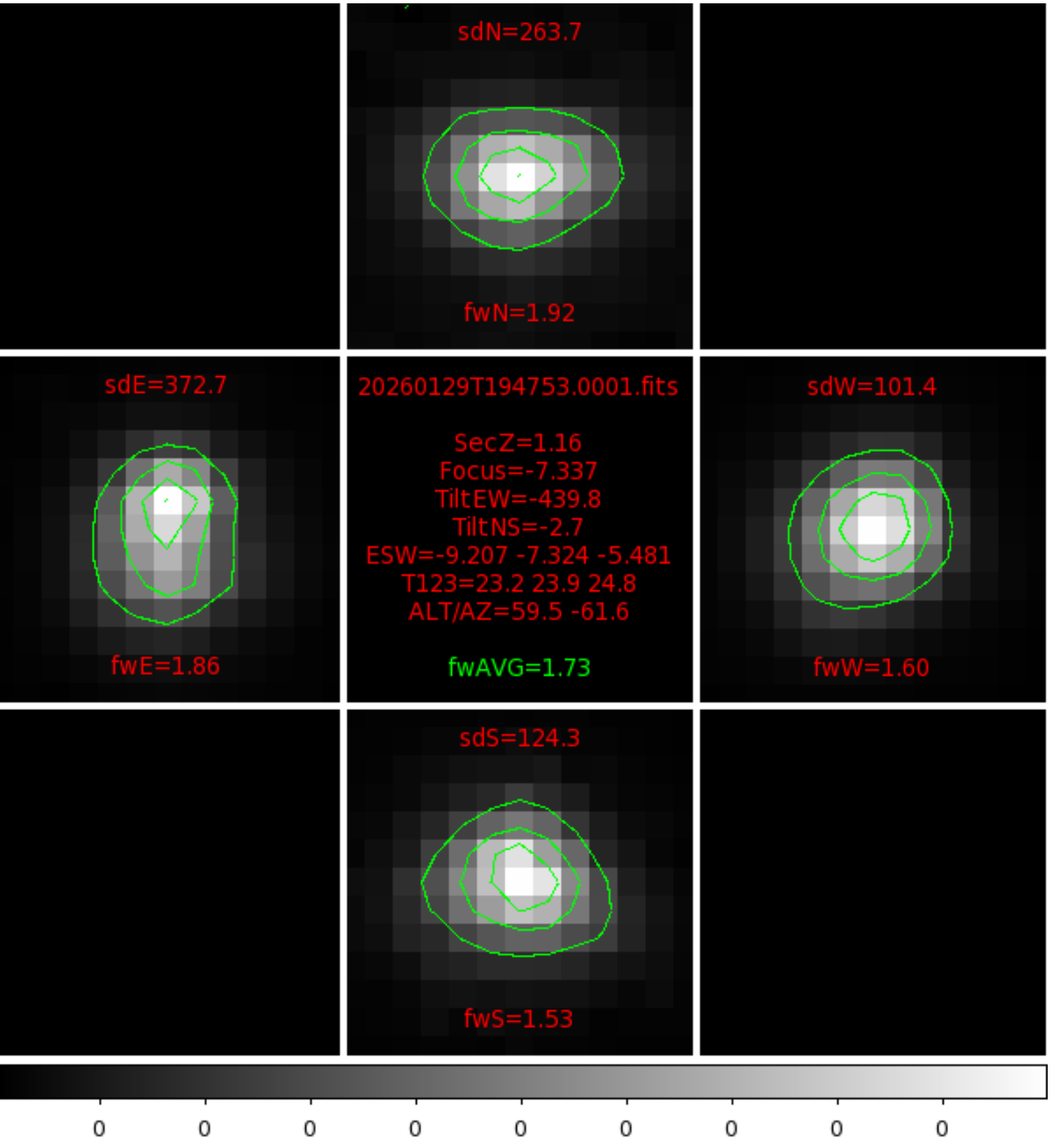

sdN=20.5
fwN=1.97
sdE=11.4
fwE=1.94
20260129T194212.0001.fits
SecZ=1.22
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.3 24.0 25.0
ALT/AZ=54.8 -94.2
fwAVG=1.73
sdW=11.6
fwW=1.52
sdS=77.0
fwS=1.49
0 0 0 0 0 0 0 0 0

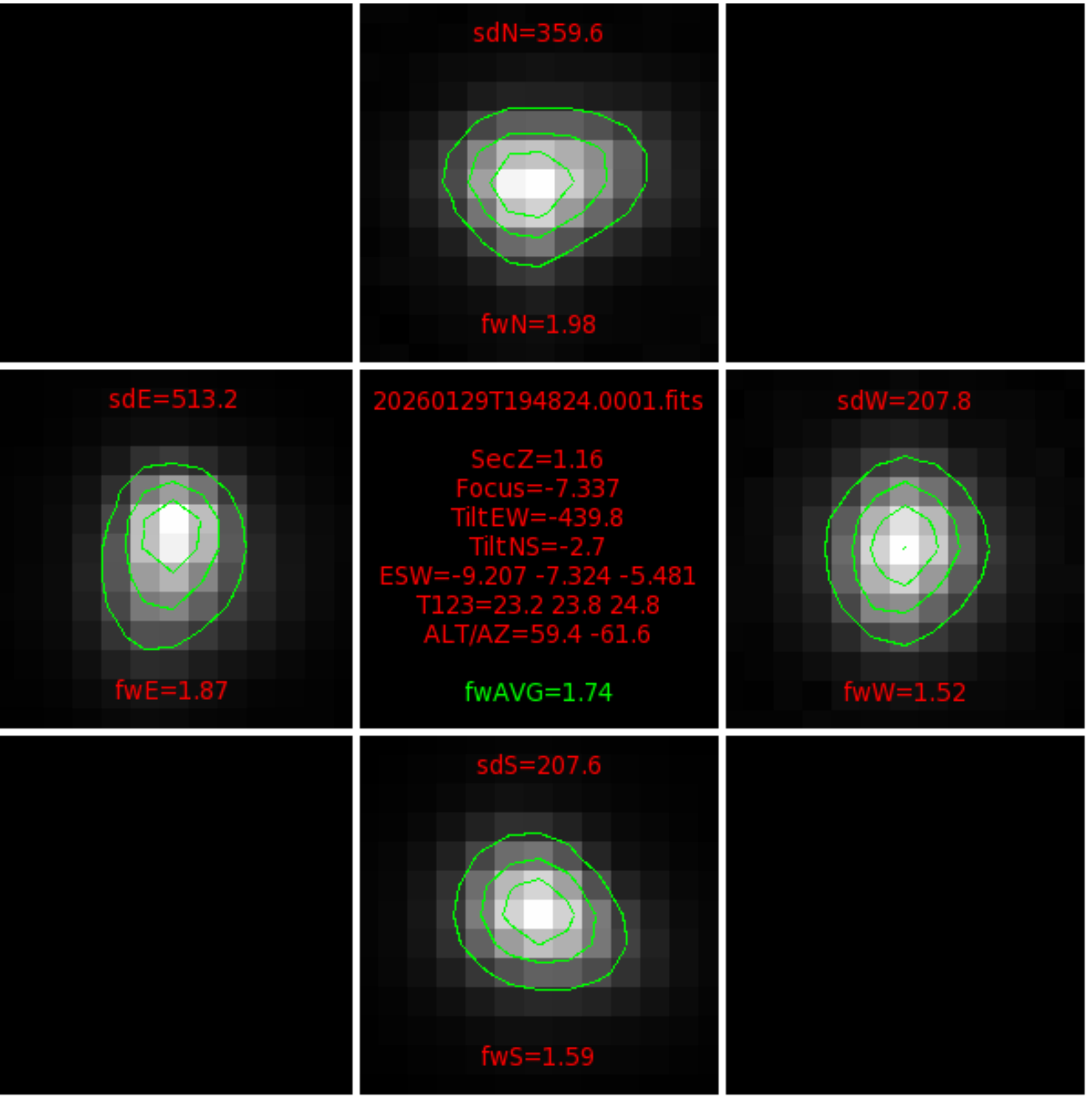

sdN=29.7
fwN=1.78
sdE=11.6
fwE=2.28
20260129T194347.0001.fits
SecZ=1.23
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.3 23.9 25.0
ALT/AZ=54.4 -94.0
fwAVG=1.76
sdW=11.1
fwW=1.36
sdS=93.8
fwS=1.62
0 0 0 0 0 0 0 0 0

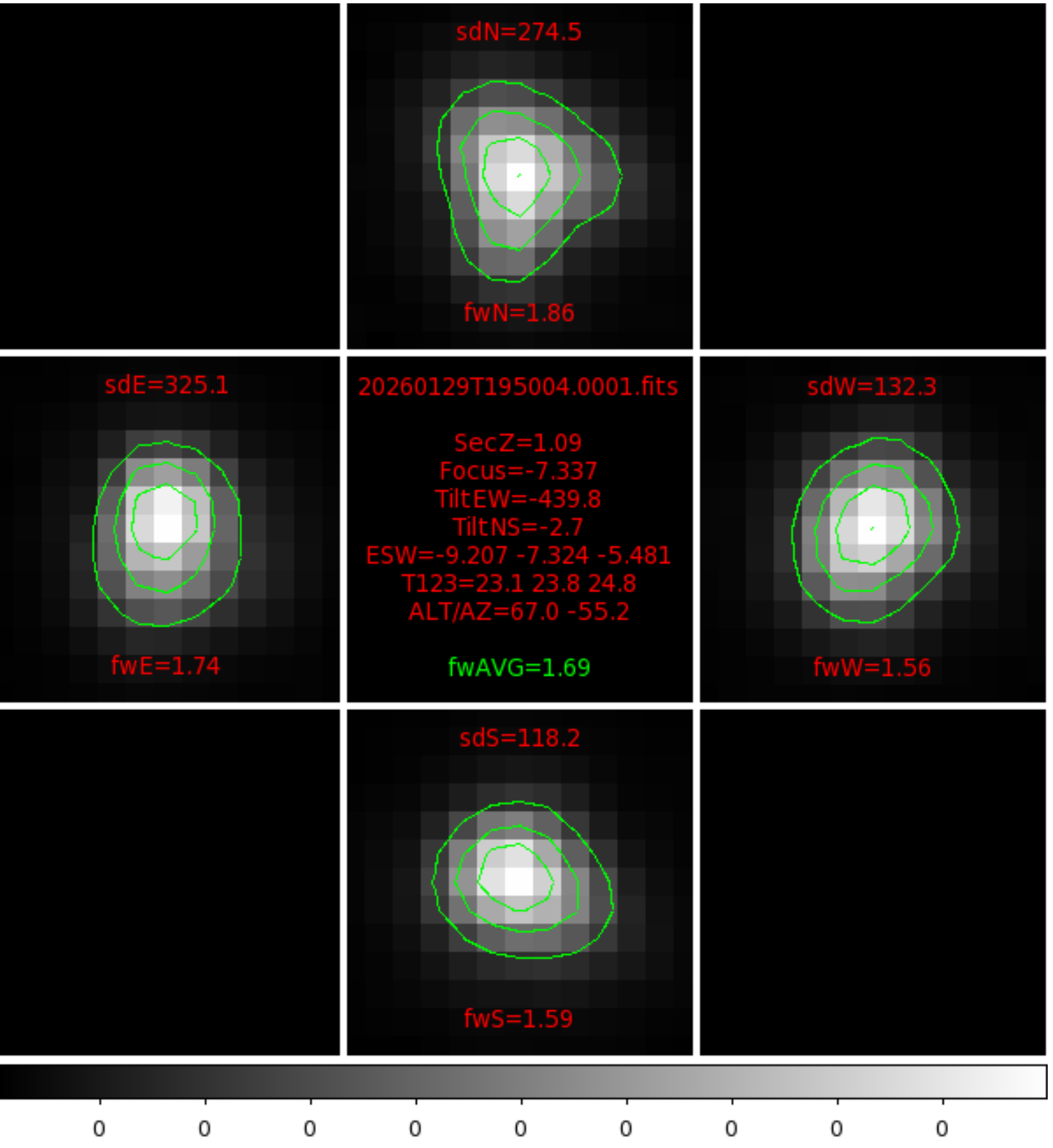

sdN=55.9
fwN=1.85
sdE=15.2
fwE=2.00
20260129T194417.0001.fits
SecZ=1.23
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.3 23.9 25.0
ALT/AZ=54.3 -93.9
fwAVG=1.70
sdW=15.5
fwW=1.44
sdS=173.4
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=70.6
fwN=1.66
sdE=119.9
fwE=1.90
20260129T194556.0001.fits
SecZ=1.16
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.3 23.9 24.9
ALT/AZ=59.9 -61.5
fwAVG=1.58
sdW=21.5
fwW=1.34
sdS=119.9
fwS=1.43
0 0 0 0 0 0 0 0 0


sdN=191.5
fwN=2.04
sdE=312.8
fwE=1.69
20260129T194629.0001.fits
SecZ=1.16
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.3 23.9 24.8
ALT/AZ=59.8 -61.5
fwAVG=1.70
sdW=58.8
fwW=1.49
sdS=102.7
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=263.7
fwN=1.92
sdE=372.7
fwE=1.86
20260129T194753.0001.fits
SecZ=1.16
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.2 23.9 24.8
ALT/AZ=59.5 -61.6
fwAVG=1.73
sdW=101.4
fwW=1.60
sdS=124.3
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=359.6
fwN=1.98
sdE=513.2
fwE=1.87
20260129T194824.0001.fits
SecZ=1.16
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.2 23.8 24.8
ALT/AZ=59.4 -61.6
fwAVG=1.74
sdW=207.8
fwW=1.52
sdS=207.6
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=274.5
fwN=1.86
sdE=325.1
fwE=1.74
20260129T195004.0001.fits
SecZ=1.09
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.1 23.8 24.8
ALT/AZ=67.0 -55.2
fwAVG=1.69
sdW=132.3
fwW=1.56
sdS=118.2
fwS=1.59
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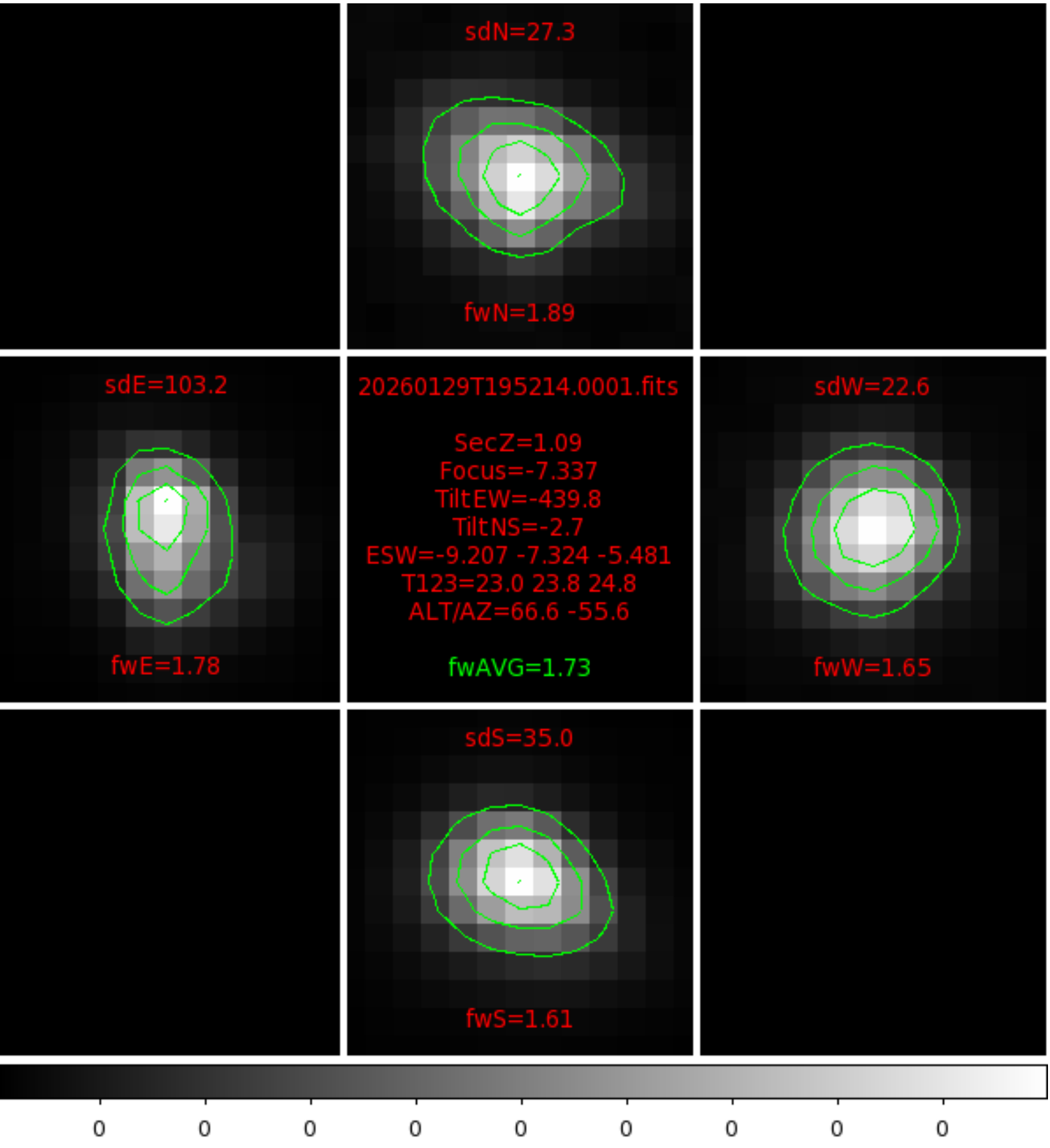
sdN=27.3
fwN=1.89
sdE=103.2
fwE=1.78
20260129T195214.0001.fits
SecZ=1.09
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.0 23.8 24.8
ALT/AZ=66.6 -55.6
fwAVG=1.73
sdW=22.6
fwW=1.65
sdS=35.0
fwS=1.61
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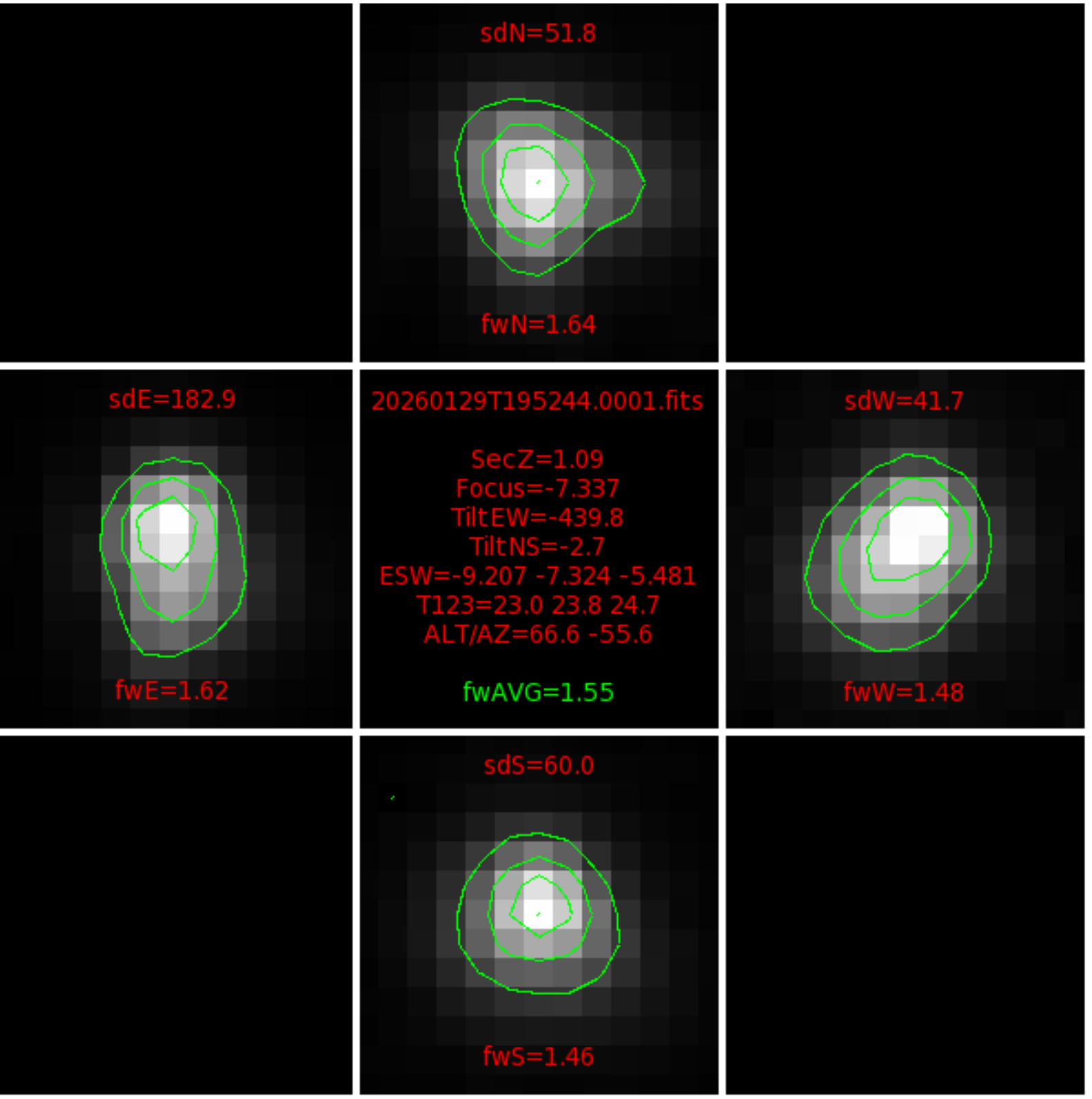
sdN=51.8
fwN=1.64
sdE=182.9
fwE=1.62
20260129T195244.0001.fits
SecZ=1.09
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.0 23.8 24.7
ALT/AZ=66.6 -55.6
fwAVG=1.55
sdW=41.7
fwW=1.48
sdS=60.0
fwS=1.46
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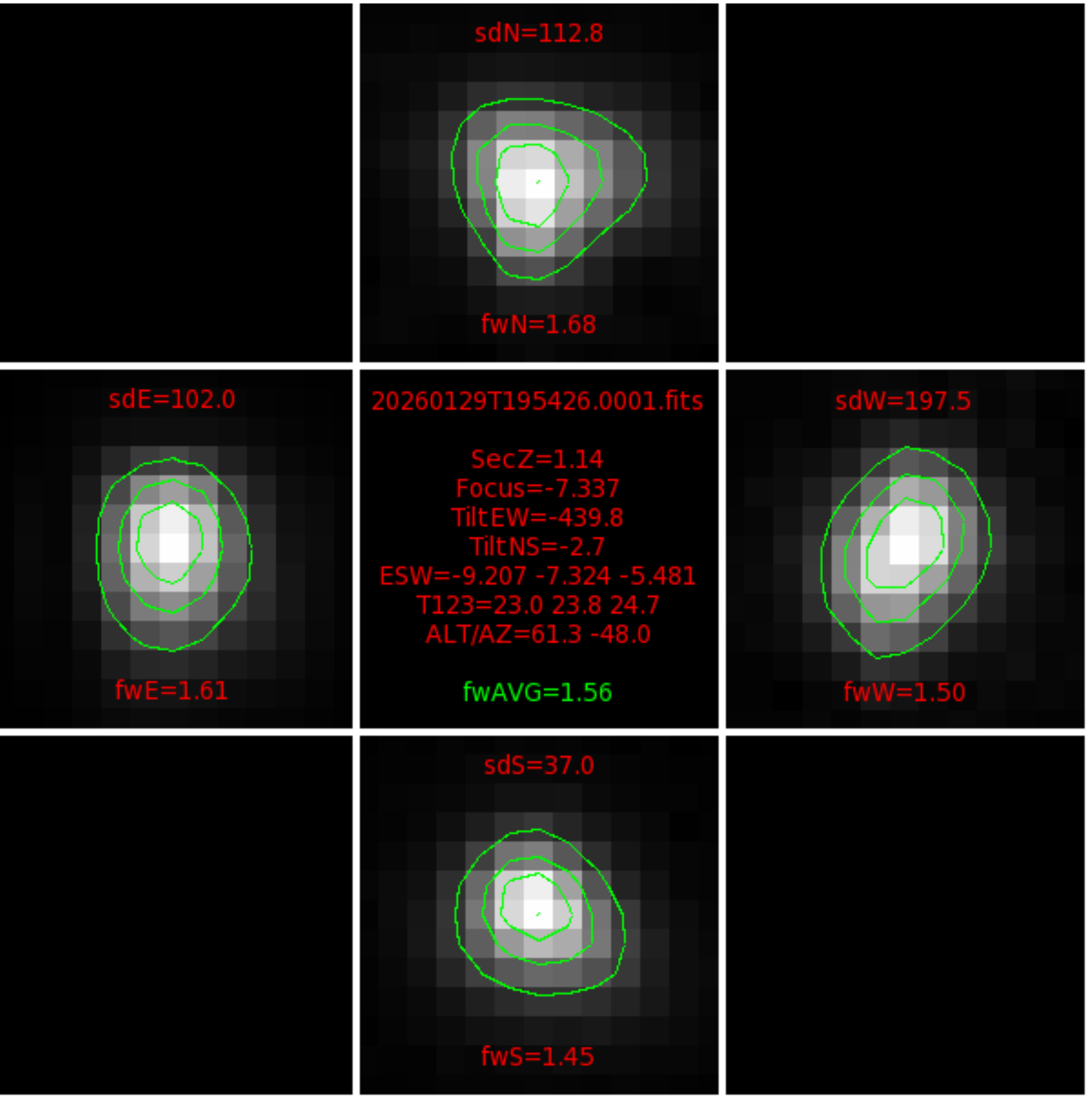
sdN=112.8
fwN=1.68
sdE=102.0
fwE=1.61
20260129T195426.0001.fits
SecZ=1.14
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=23.0 23.8 24.7
ALT/AZ=61.3 -48.0
fwAVG=1.56
sdW=197.5
fwW=1.50
sdS=37.0
fwS=1.45
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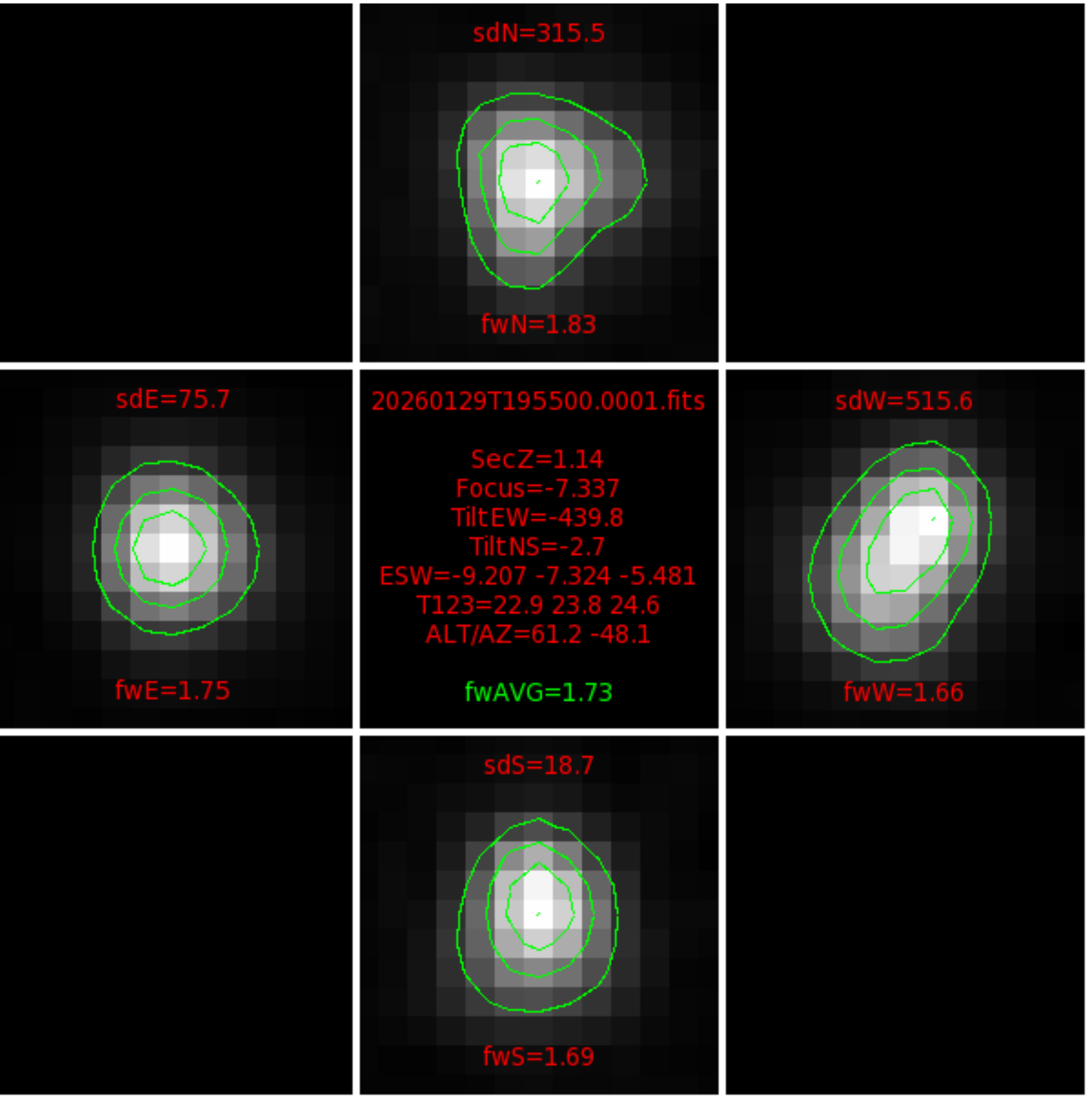
sdN=315.5
fwN=1.83
sdE=75.7
fwE=1.75
20260129T195500.0001.fits
SecZ=1.14
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=22.9 23.8 24.6
ALT/AZ=61.2 -48.1
fwAVG=1.73
sdW=515.6
fwW=1.66
sdS=18.7
fwS=1.69
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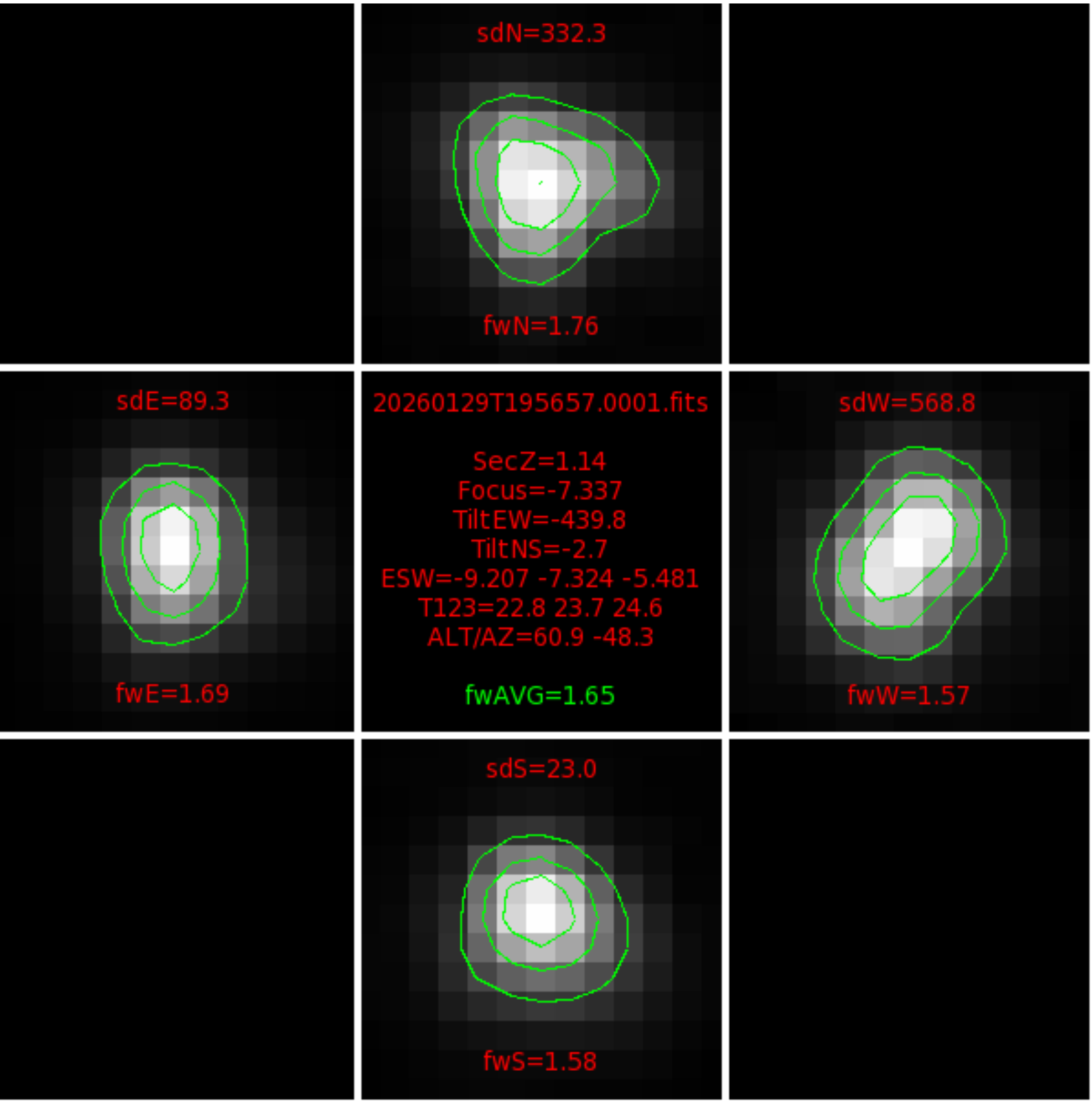
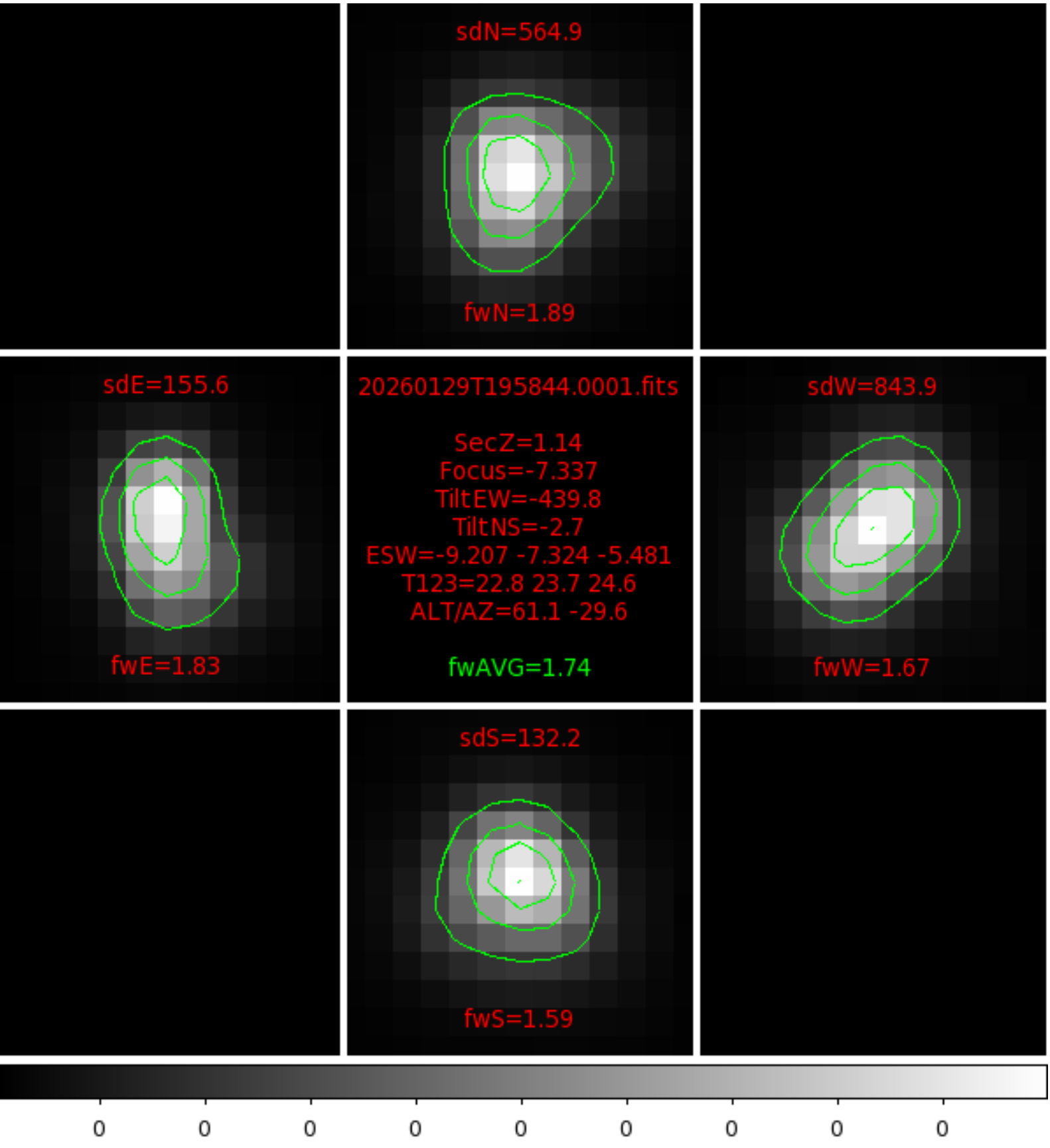
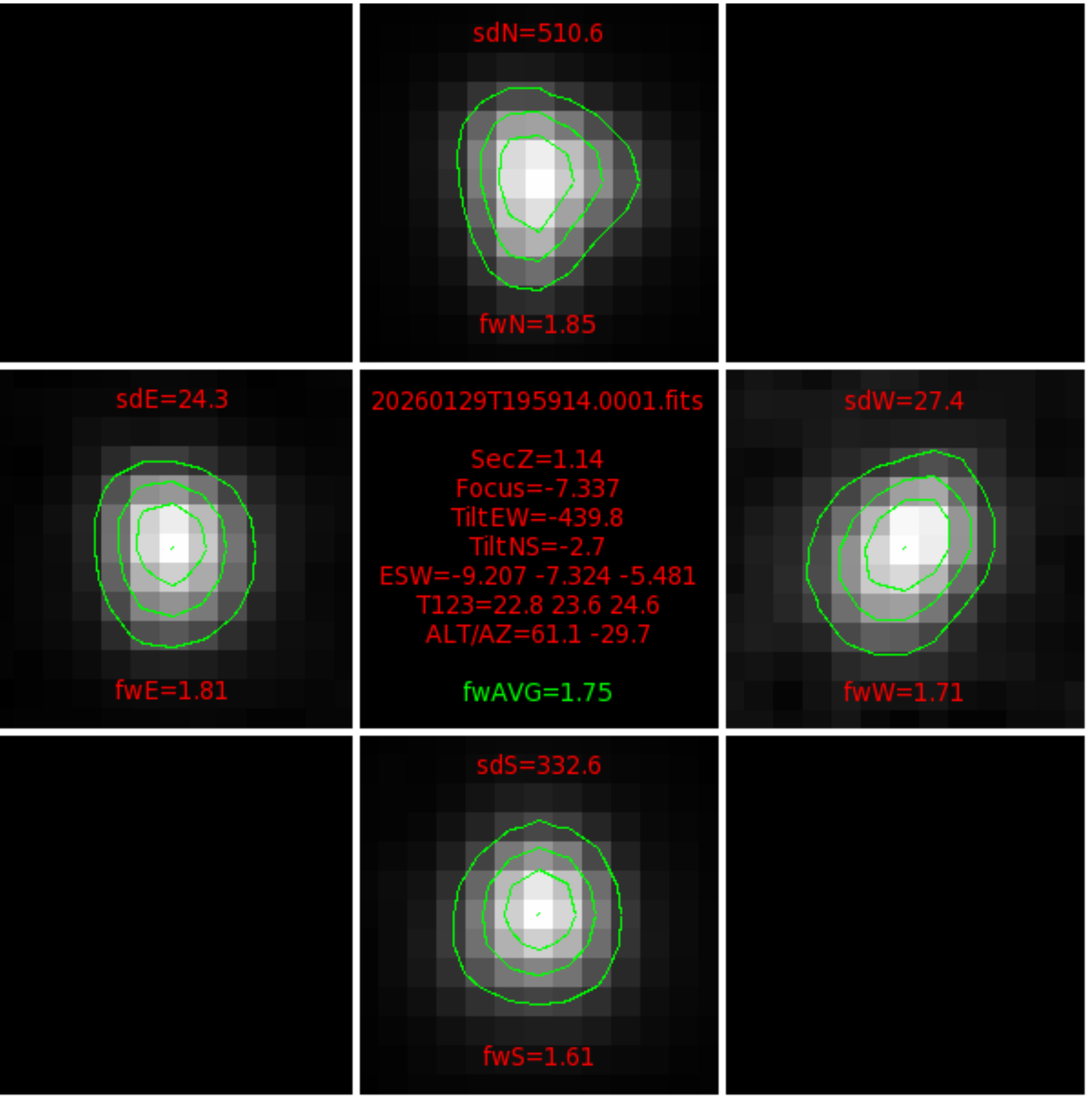
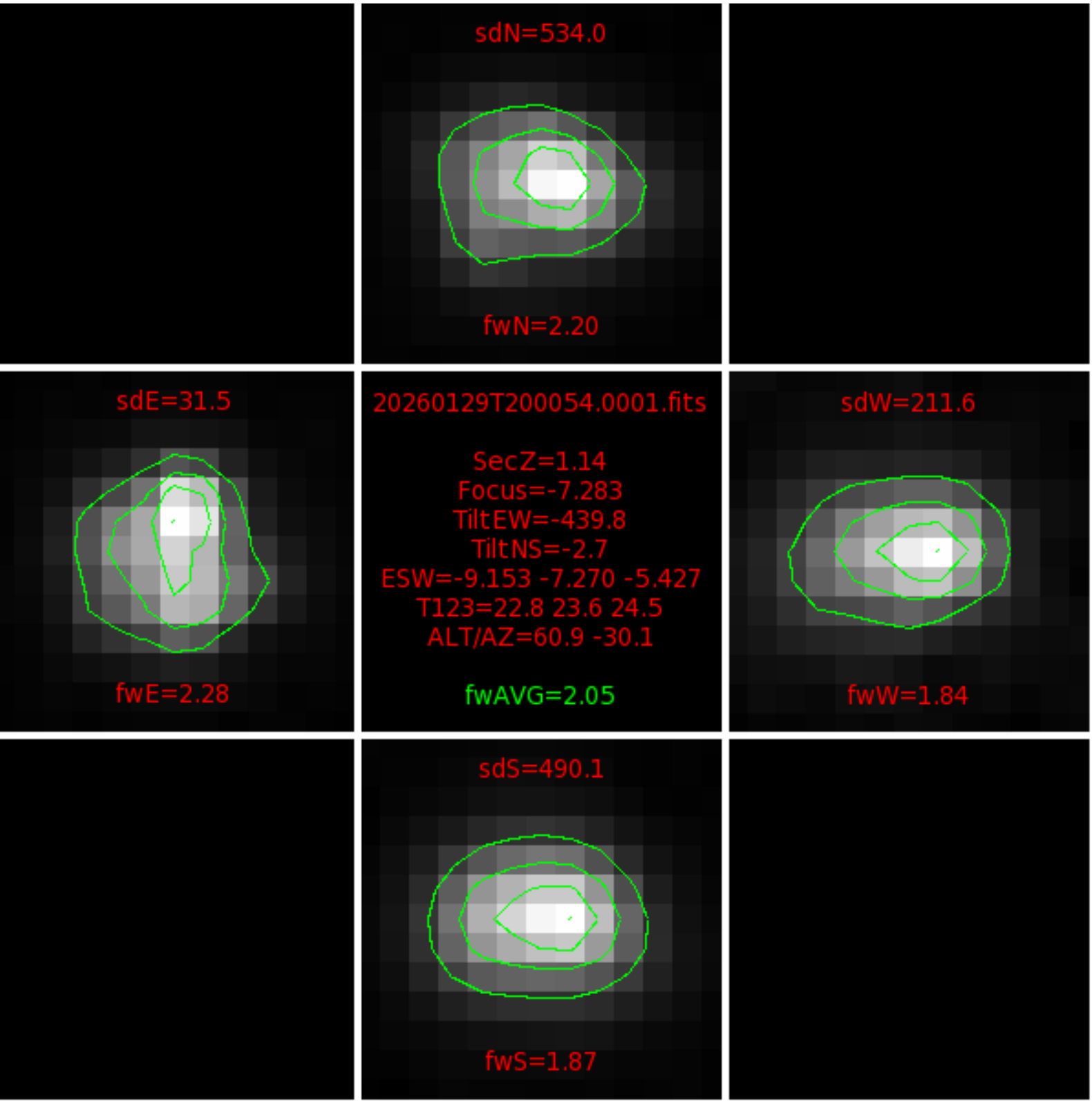
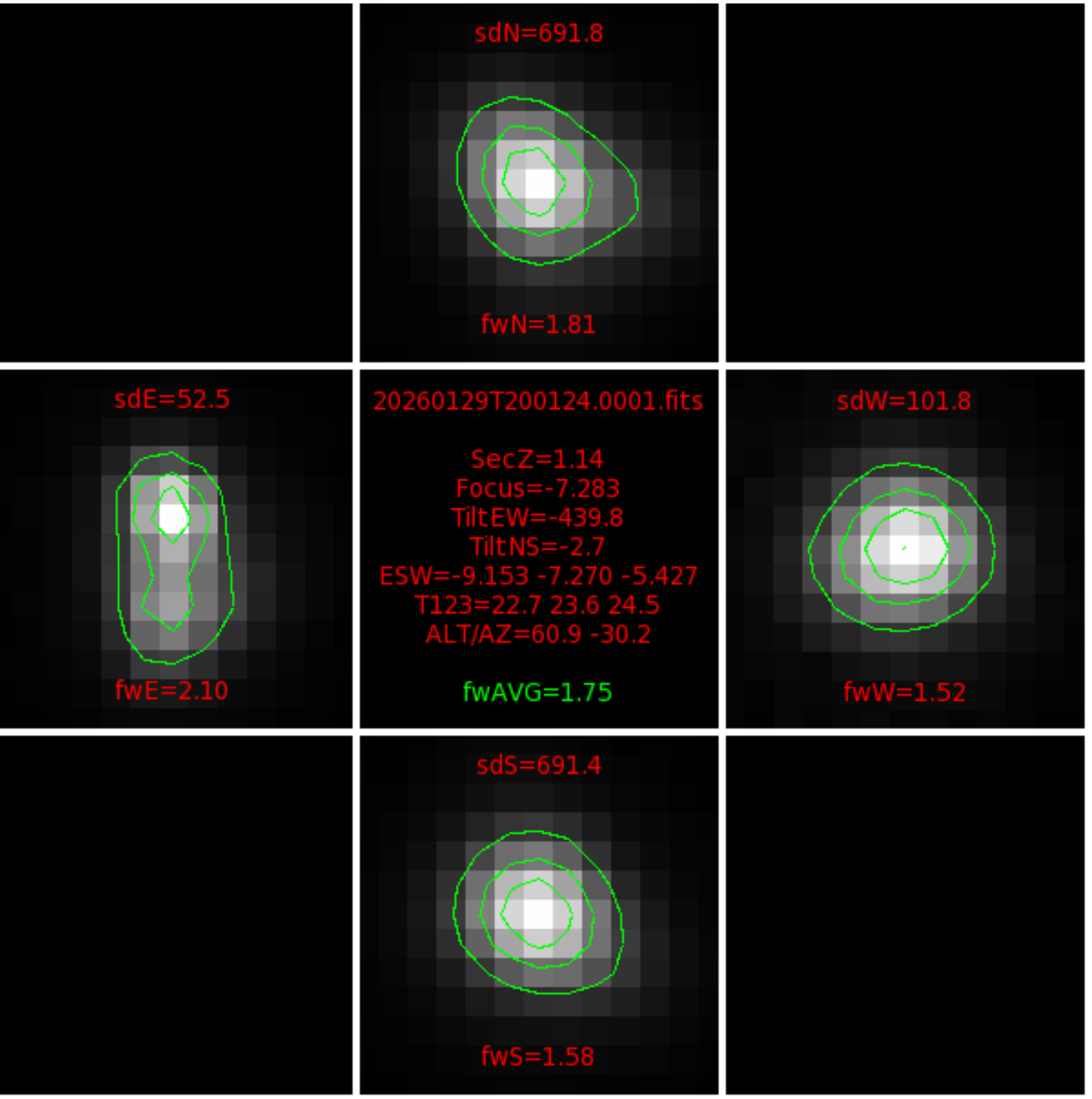

sdN=332.3
fwN=1.76
sdE=89.3
fwE=1.69
20260129T195657.0001.fits
SecZ=1.14
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=22.8 23.7 24.6
ALT/AZ=60.9 -48.3
fwAVG=1.65
sdW=568.8
fwW=1.57
sdS=23.0
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=564.9
fwN=1.89
sdE=155.6
fwE=1.83
20260129T195844.0001.fits
SecZ=1.14
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=22.8 23.7 24.6
ALT/AZ=61.1 -29.6
fwAVG=1.74
sdW=843.9
fwW=1.67
sdS=132.2
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=510.6
fwN=1.85
sdE=24.3
fwE=1.81
20260129T195914.0001.fits
SecZ=1.14
Focus=-7.337
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.207 -7.324 -5.481
T123=22.8 23.6 24.6
ALT/AZ=61.1 -29.7
fwAVG=1.75
sdW=27.4
fwW=1.71
sdS=332.6
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=534.0
fwN=2.20
sdE=31.5
fwE=2.28
20260129T200054.0001.fits
SecZ=1.14
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.8 23.6 24.5
ALT/AZ=60.9 -30.1
fwAVG=2.05
sdW=211.6
fwW=1.84
sdS=490.1
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=691.8
fwN=1.81
sdE=52.5
fwE=2.10
20260129T200124.0001.fits
SecZ=1.14
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.7 23.6 24.5
ALT/AZ=60.9 -30.2
fwAVG=1.75
sdW=101.8
fwW=1.52
sdS=691.4
fwS=1.58
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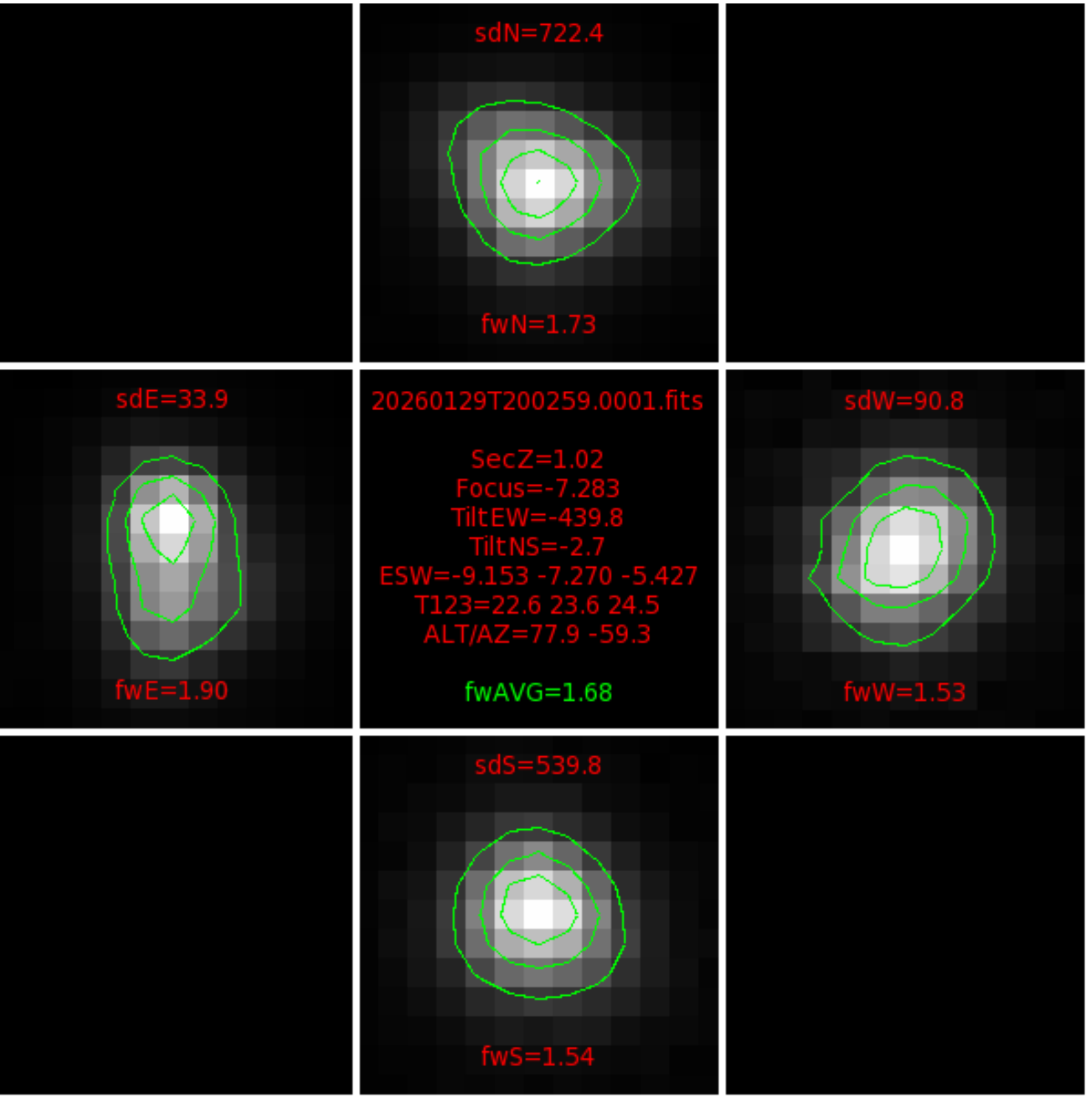
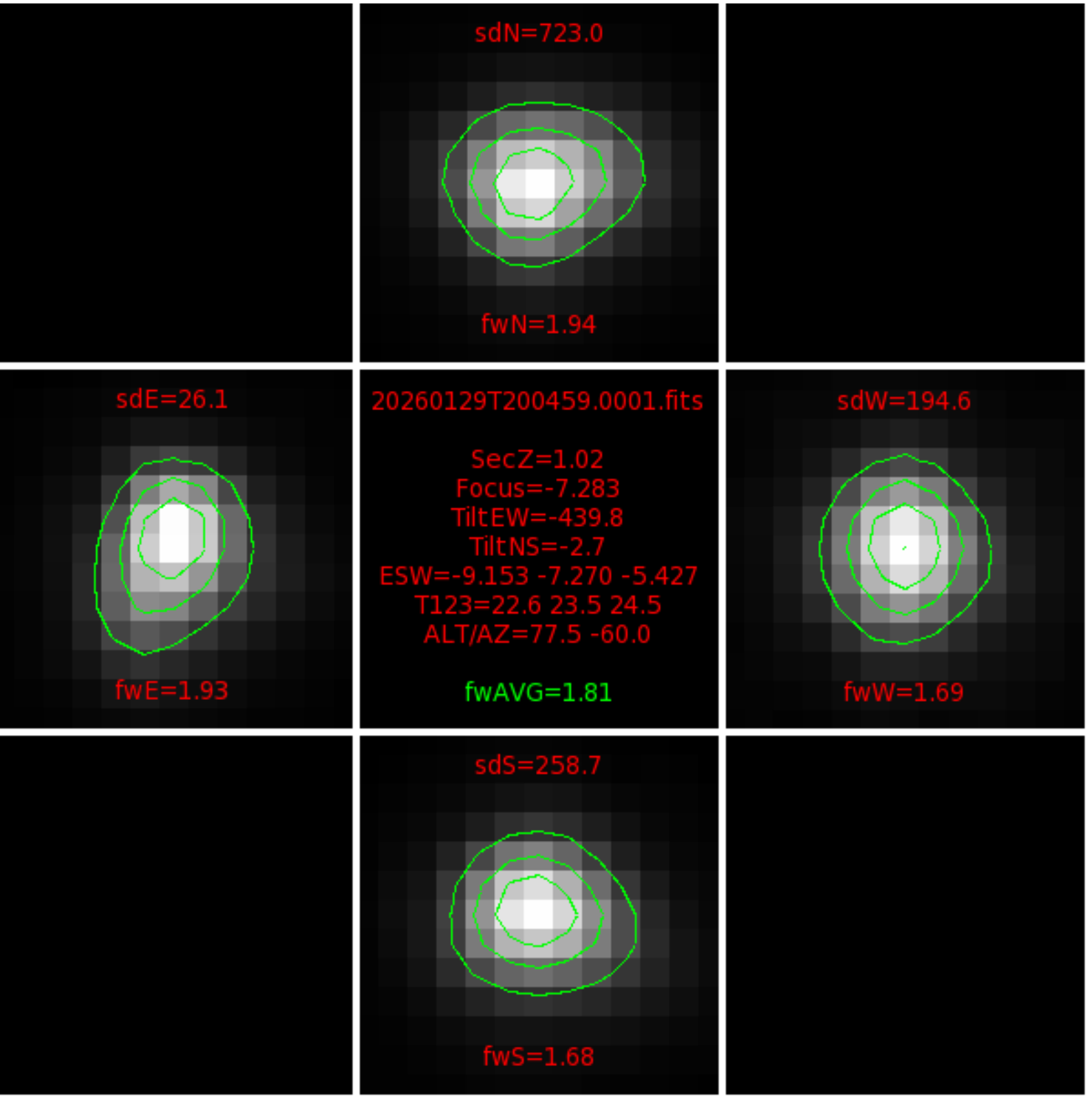

sdN=722.4
fwN=1.73
sdE=33.9
fwE=1.90
20260129T200259.0001.fits
SecZ=1.02
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.6 23.6 24.5
ALT/AZ=77.9 -59.3
fwAVG=1.68
sdW=90.8
fwW=1.53
sdS=539.8
fwS=1.54
0 0 0 0 0 0 0 0 0


sdN=723.0
fwN=1.94
sdE=26.1
fwE=1.93
20260129T200459.0001.fits
SecZ=1.02
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.6 23.5 24.5
ALT/AZ=77.5 -60.0
fwAVG=1.81
sdW=194.6
fwW=1.69
sdS=258.7
fwS=1.68
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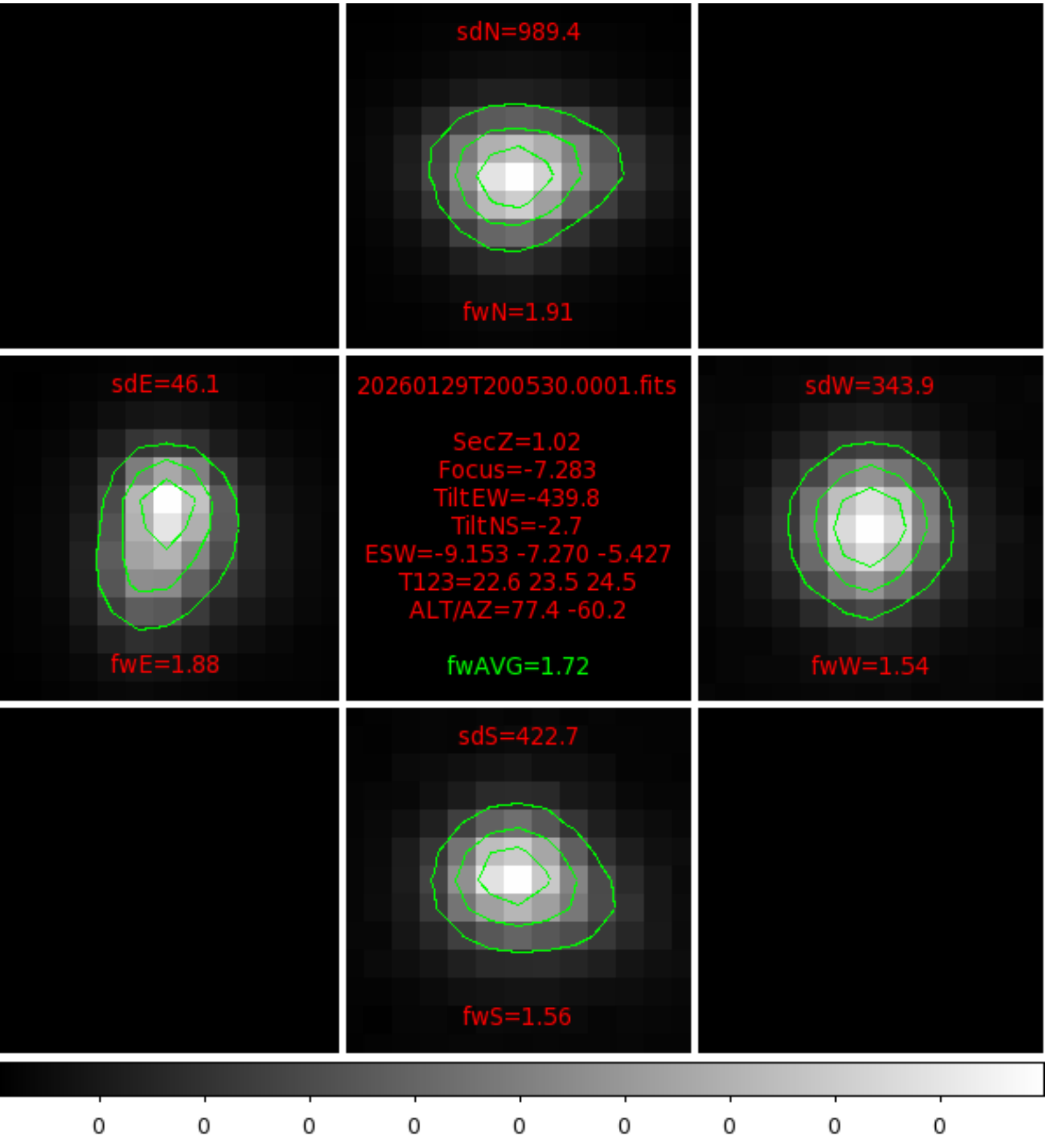
sdN=989.4
fwN=1.91
sdE=46.1
fwE=1.88
20260129T200530.0001.fits
SecZ=1.02
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.6 23.5 24.5
ALT/AZ=77.4 -60.2
fwAVG=1.72
sdW=343.9
fwW=1.54
sdS=422.7
fwS=1.56
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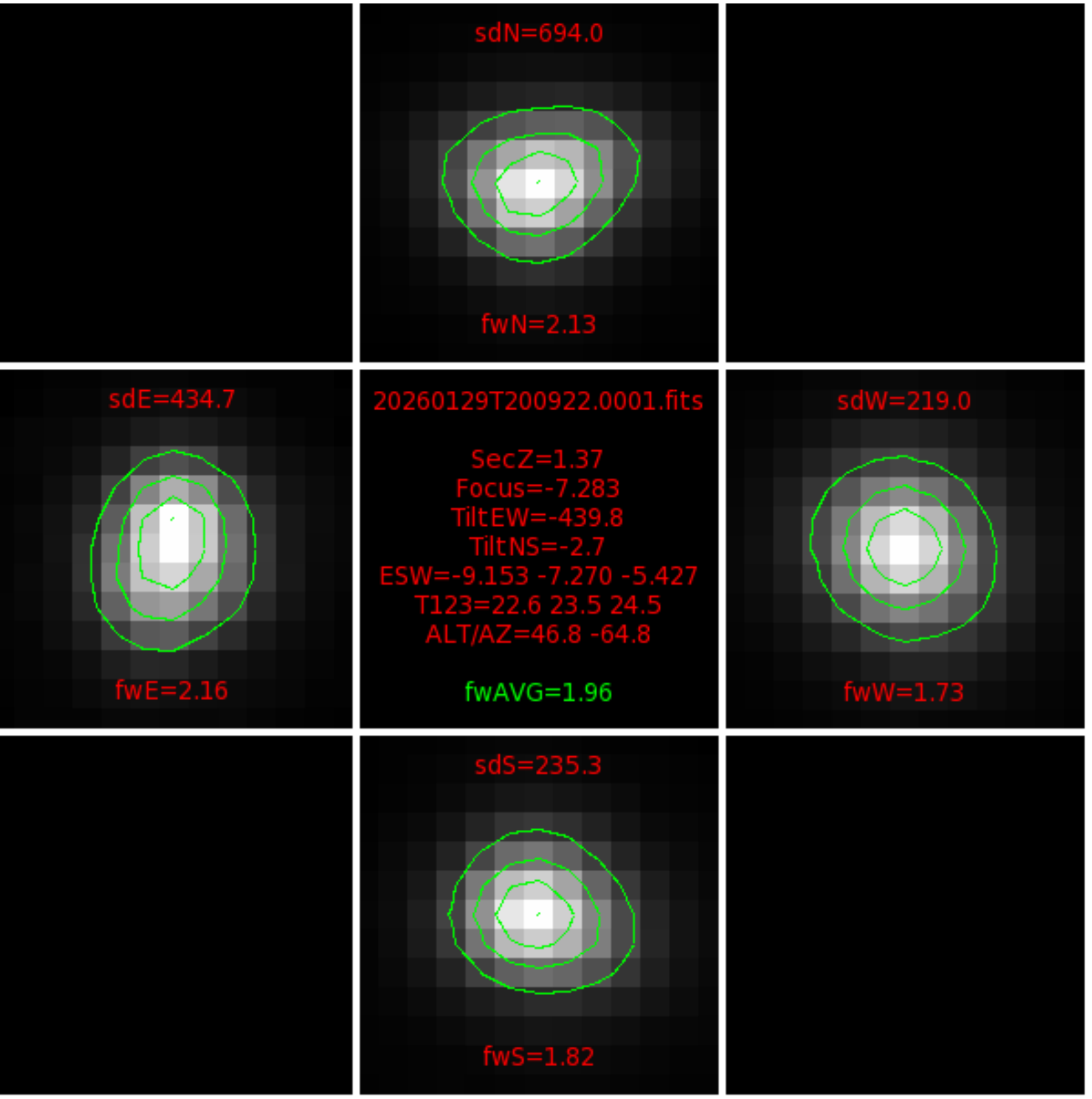
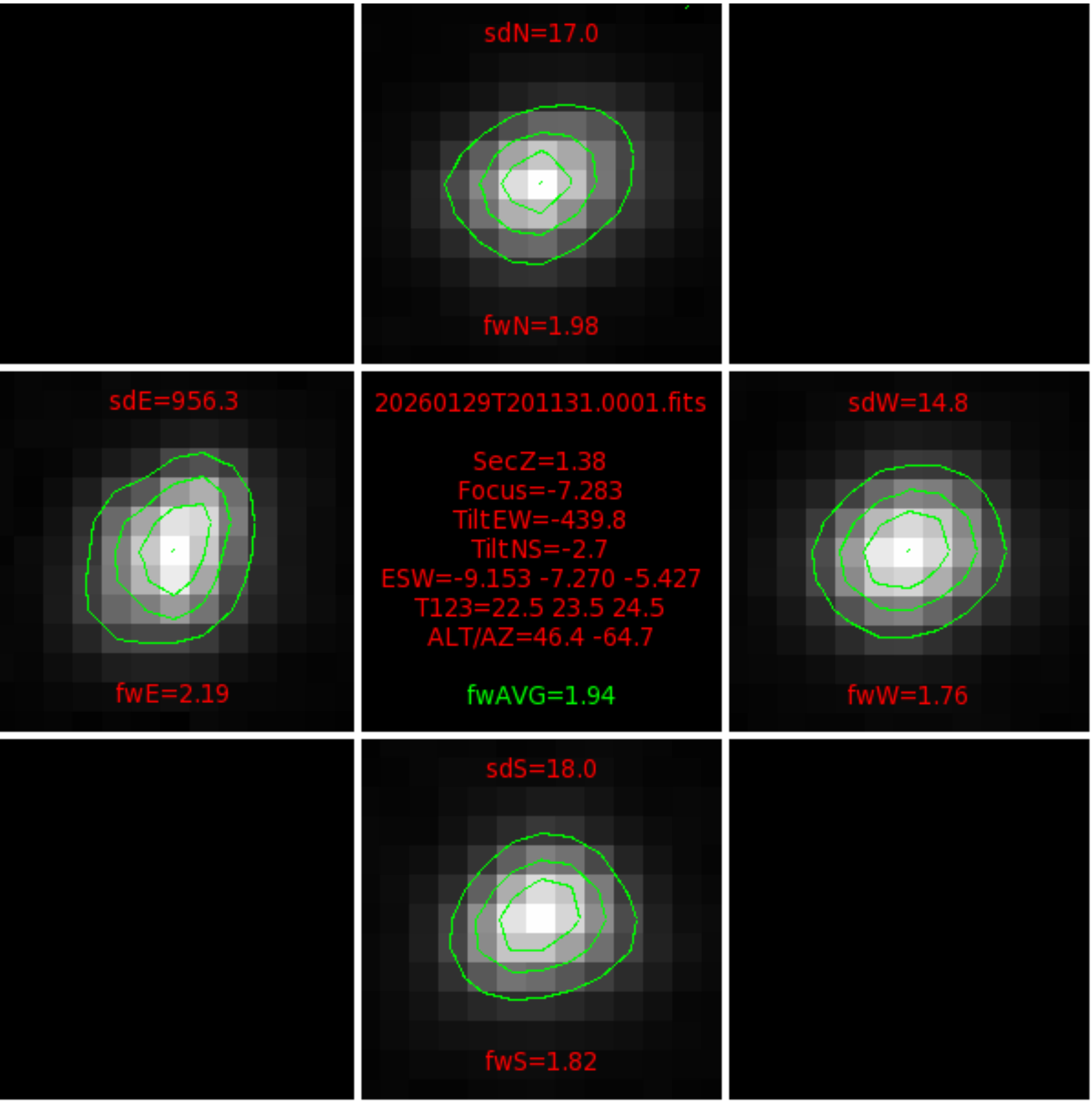
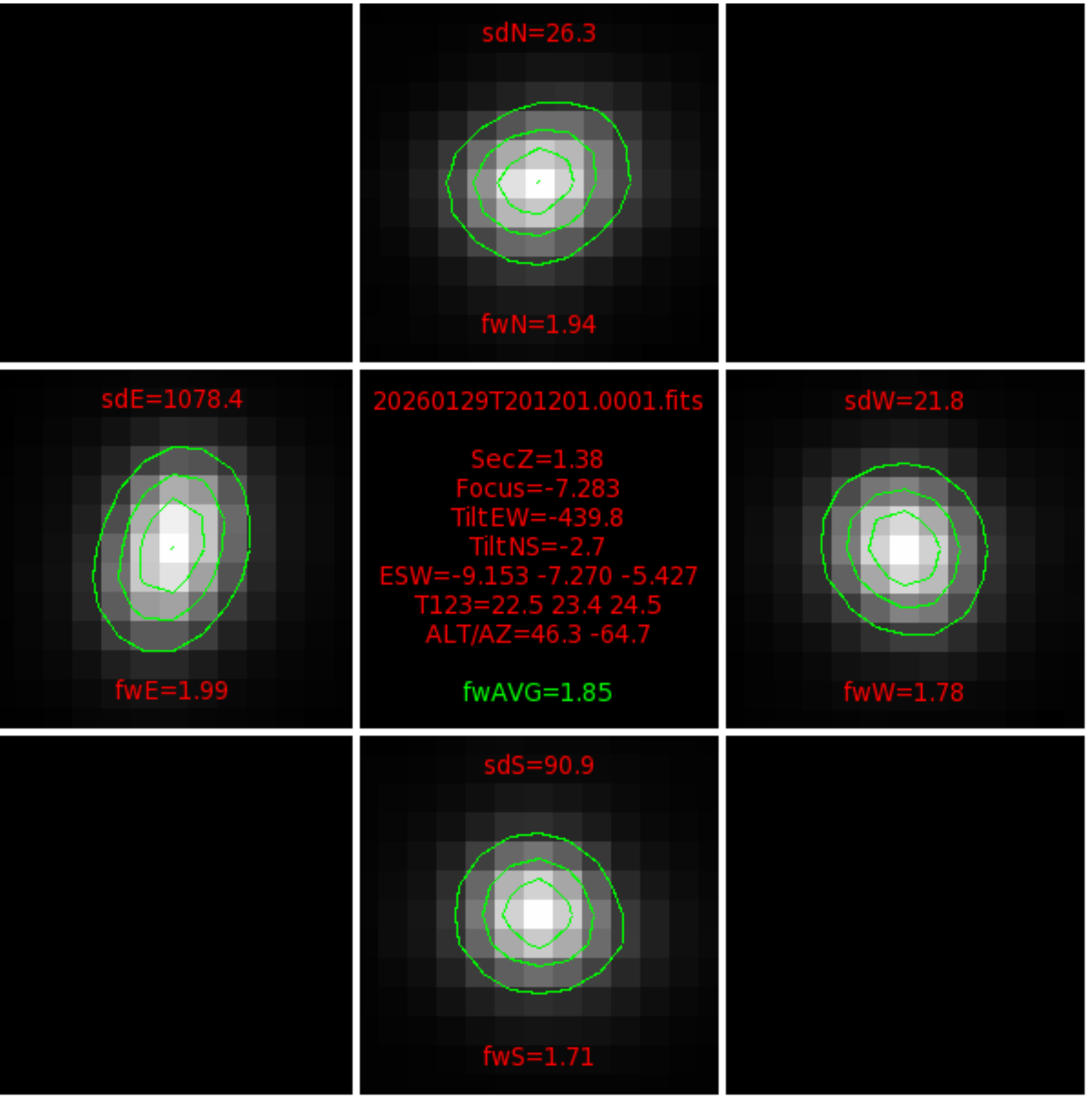

sdN=694.0
fwN=2.13
sdE=434.7
fwE=2.16
20260129T200922.0001.fits
SecZ=1.37
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.6 23.5 24.5
ALT/AZ=46.8 -64.8
fwAVG=1.96
sdW=219.0
fwW=1.73
sdS=235.3
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=17.0
fwN=1.98
sdE=956.3
fwE=2.19
20260129T201131.0001.fits
SecZ=1.38
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.5 23.5 24.5
ALT/AZ=46.4 -64.7
fwAVG=1.94
sdW=14.8
fwW=1.76
sdS=18.0
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=26.3
fwN=1.94
sdE=1078.4
fwE=1.99
20260129T201201.0001.fits
SecZ=1.38
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.5 23.4 24.5
ALT/AZ=46.3 -64.7
fwAVG=1.85
sdW=21.8
fwW=1.78
sdS=90.9
fwS=1.71
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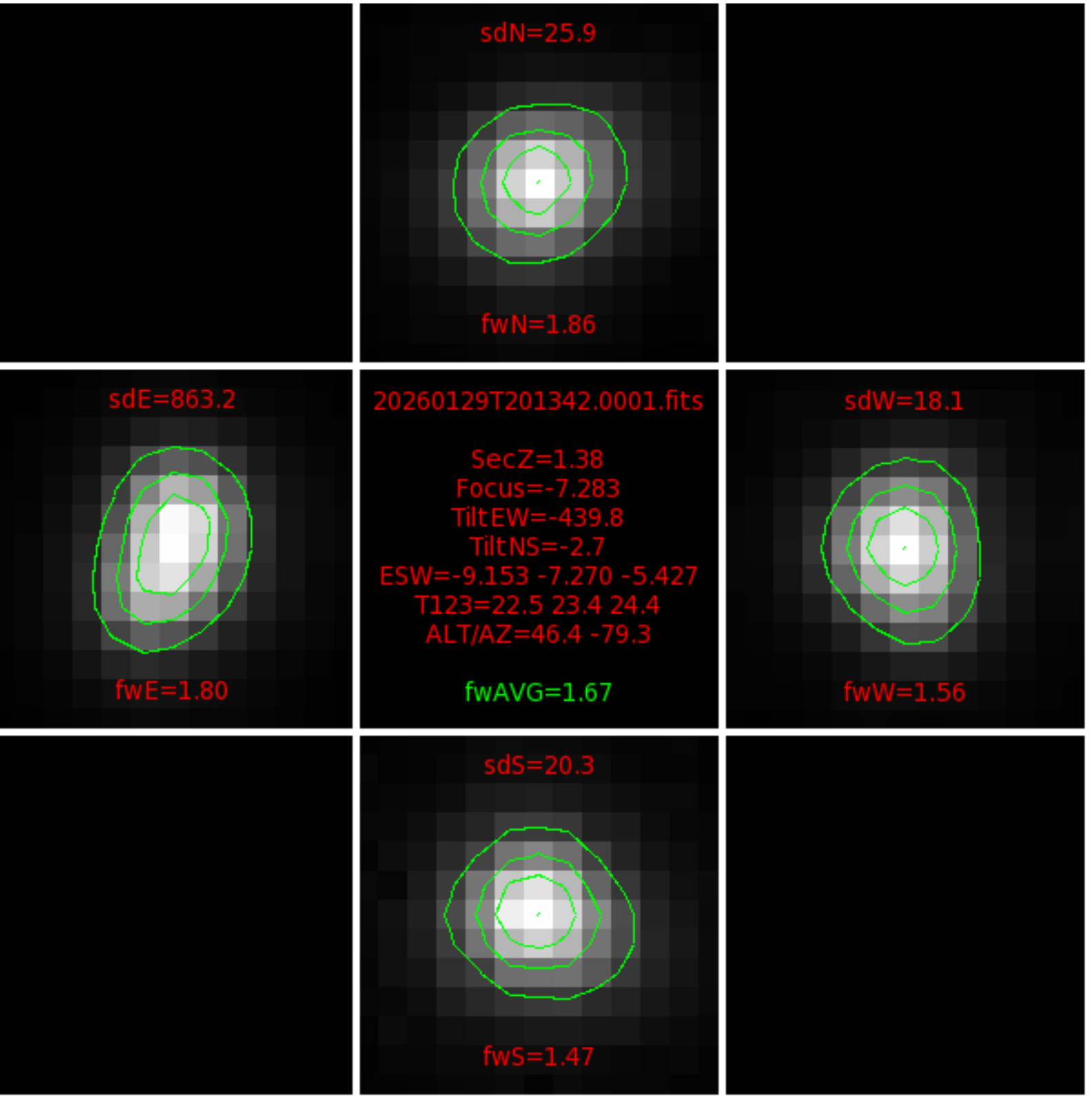
sdN=25.9
fwN=1.86
sdE=863.2
fwE=1.80
20260129T201342.0001.fits
SecZ=1.38
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.5 23.4 24.4
ALT/AZ=46.4 -79.3
fwAVG=1.67
sdW=18.1
fwW=1.56
sdS=20.3
fwS=1.47
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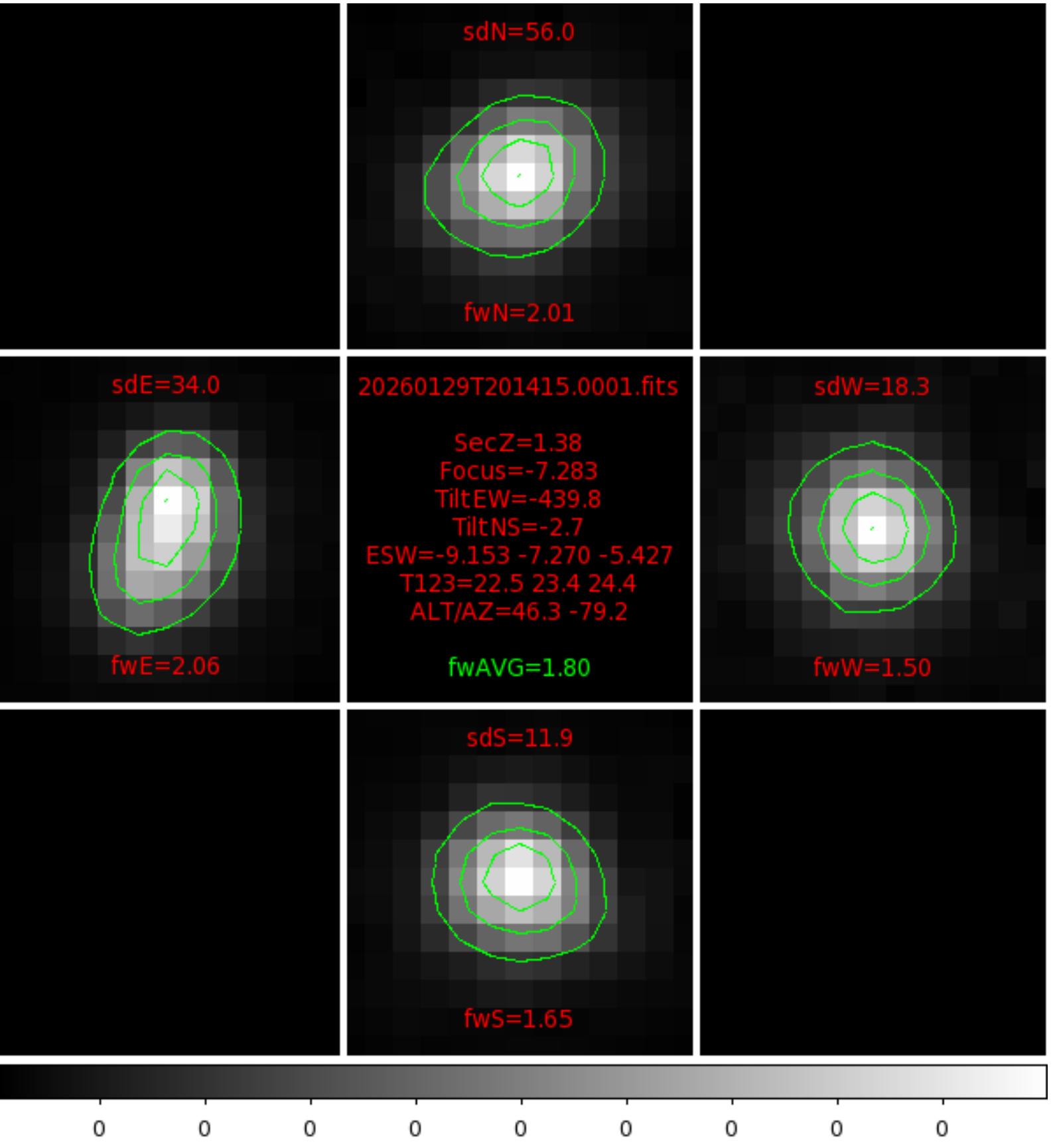
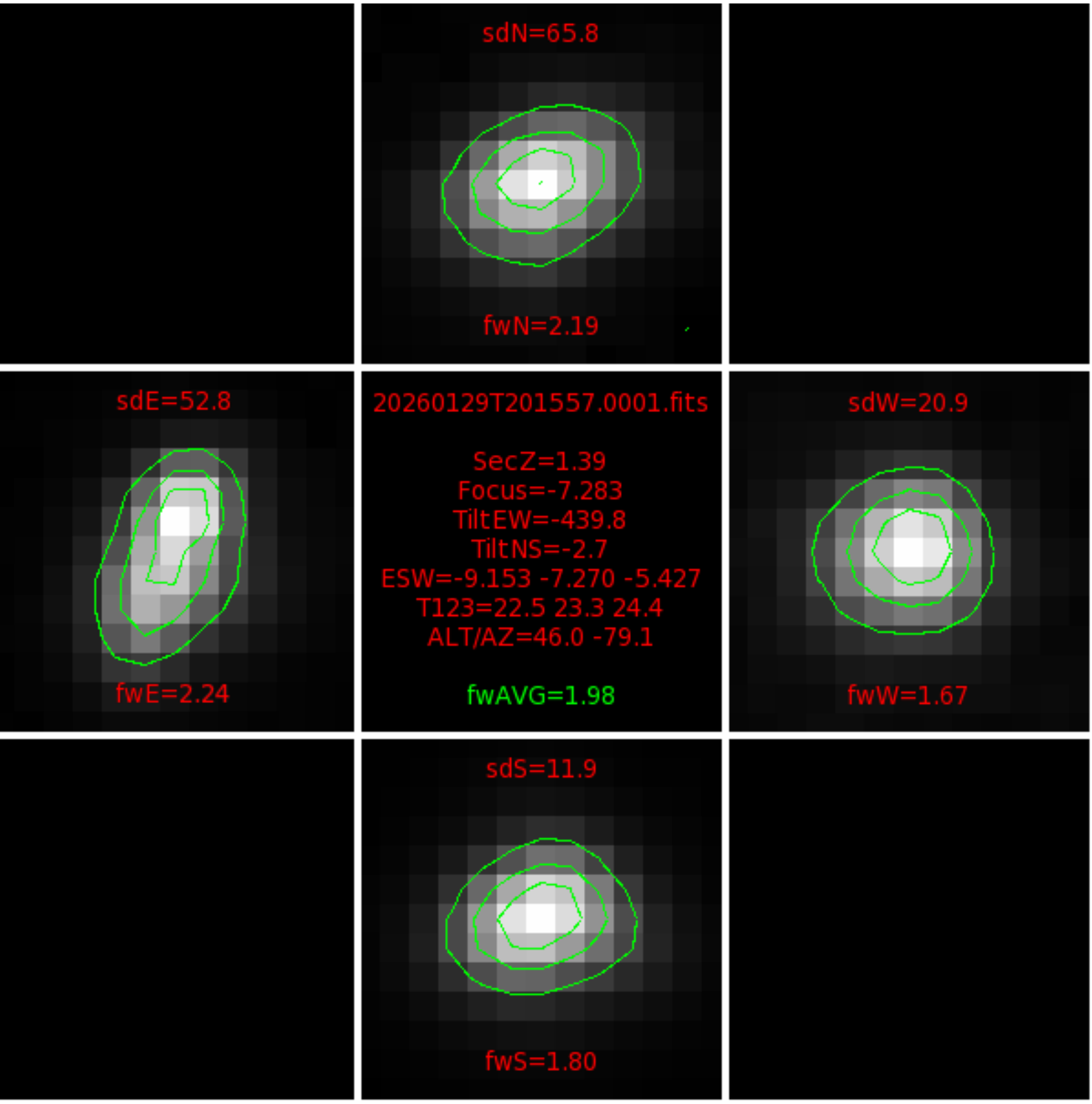
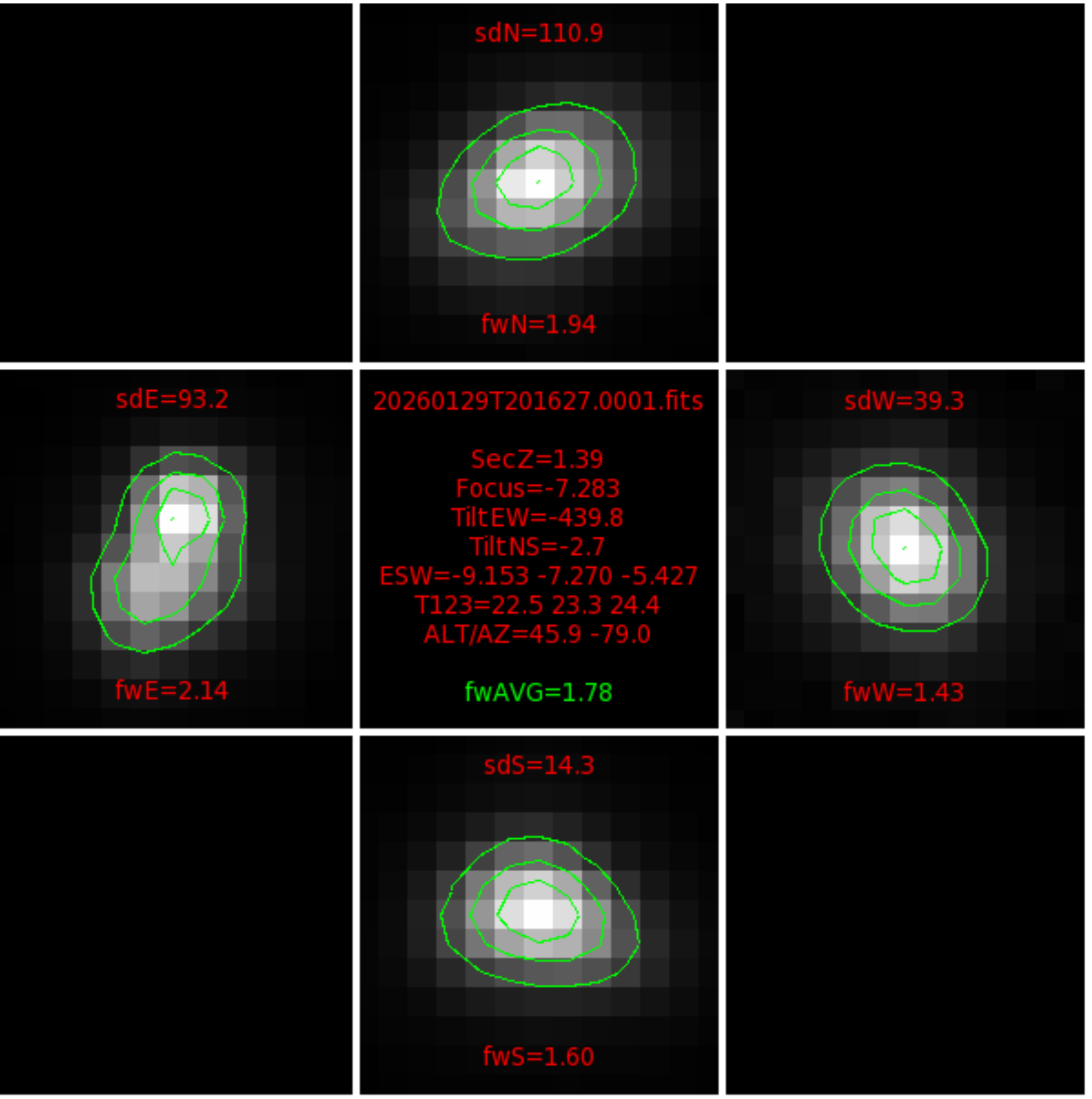
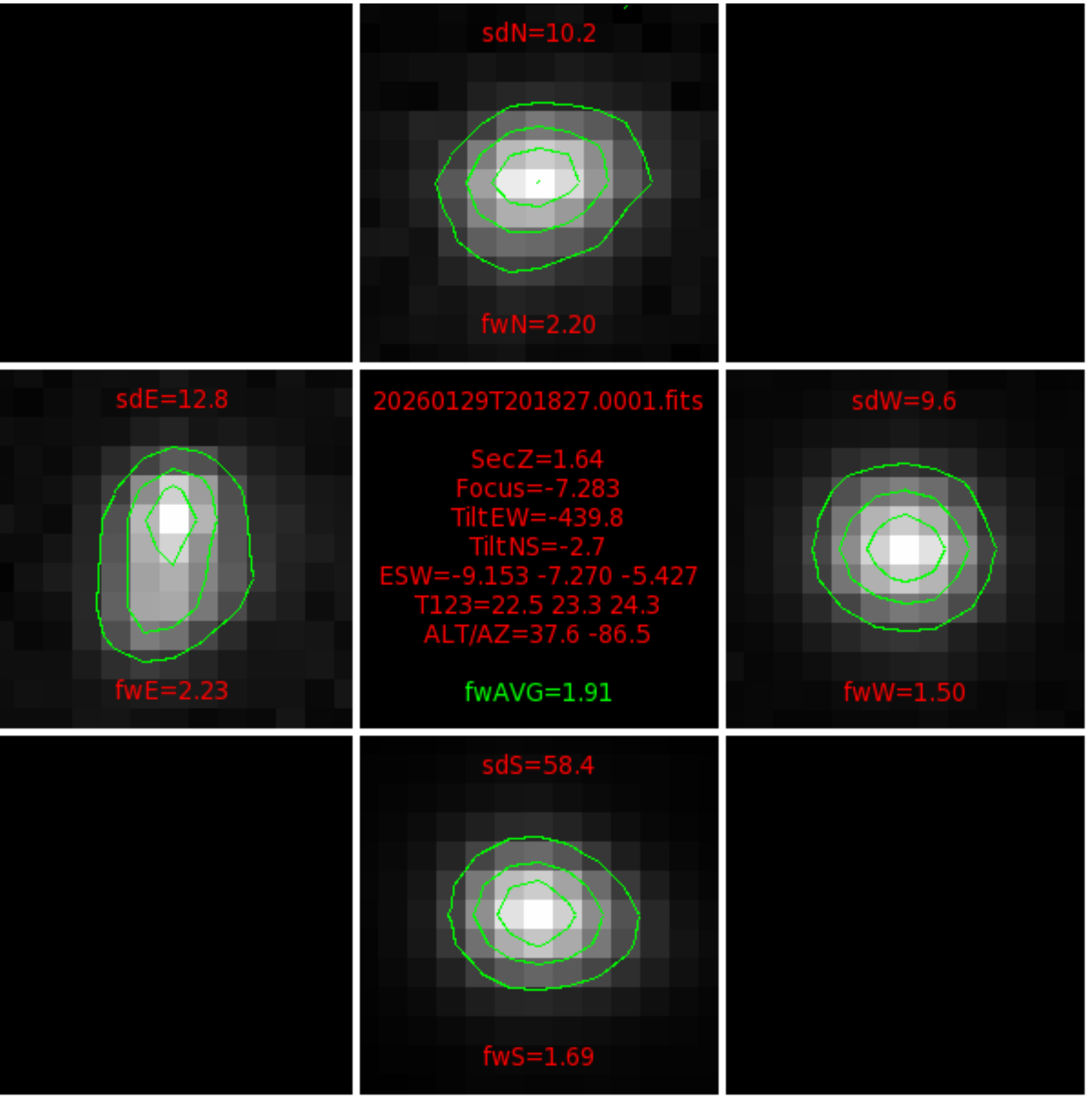

sdN=56.0
fwN=2.01
sdE=34.0
fwE=2.06
20260129T201415.0001.fits
SecZ=1.38
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.5 23.4 24.4
ALT/AZ=46.3 -79.2
fwAVG=1.80
sdW=18.3
fwW=1.50
sdS=11.9
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=65.8
fwN=2.19
sdE=52.8
fwE=2.24
20260129T201557.0001.fits
SecZ=1.39
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.5 23.3 24.4
ALT/AZ=46.0 -79.1
fwAVG=1.98
sdW=20.9
fwW=1.67
sdS=11.9
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=110.9
fwN=1.94
sdE=93.2
fwE=2.14
20260129T201627.0001.fits
SecZ=1.39
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.5 23.3 24.4
ALT/AZ=45.9 -79.0
fwAVG=1.78
sdW=39.3
fwW=1.43
sdS=14.3
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=10.2
fwN=2.20
sdE=12.8
fwE=2.23
20260129T201827.0001.fits
SecZ=1.64
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.5 23.3 24.3
ALT/AZ=37.6 -86.5
fwAVG=1.91
sdW=9.6
fwW=1.50
sdS=58.4
fwS=1.69
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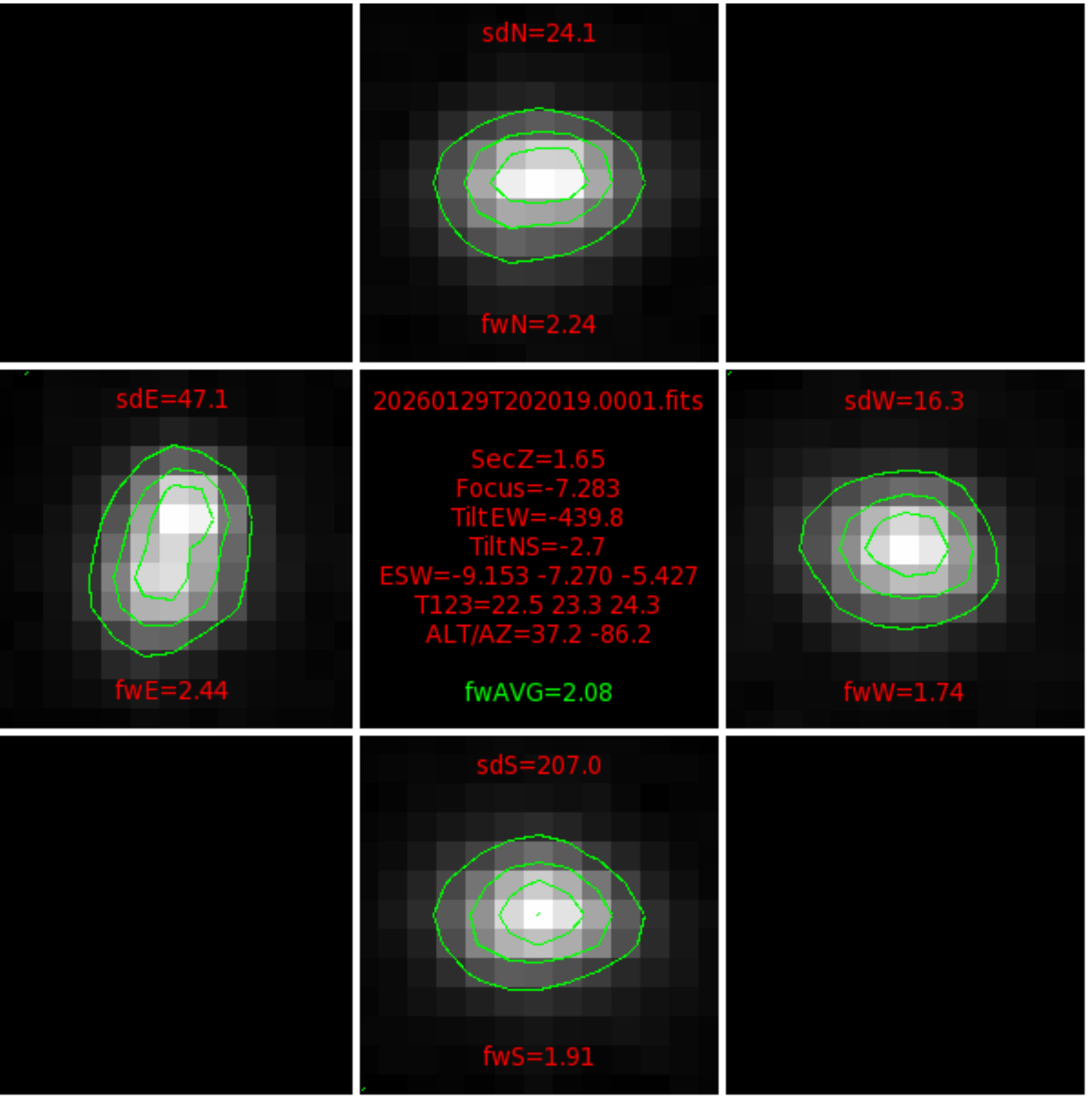
sdN=24.1
fwN=2.24
sdE=47.1
fwE=2.44
20260129T202019.0001.fits
SecZ=1.65
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.5 23.3 24.3
ALT/AZ=37.2 -86.2
fwAVG=2.08
sdW=16.3
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fwS=1.91
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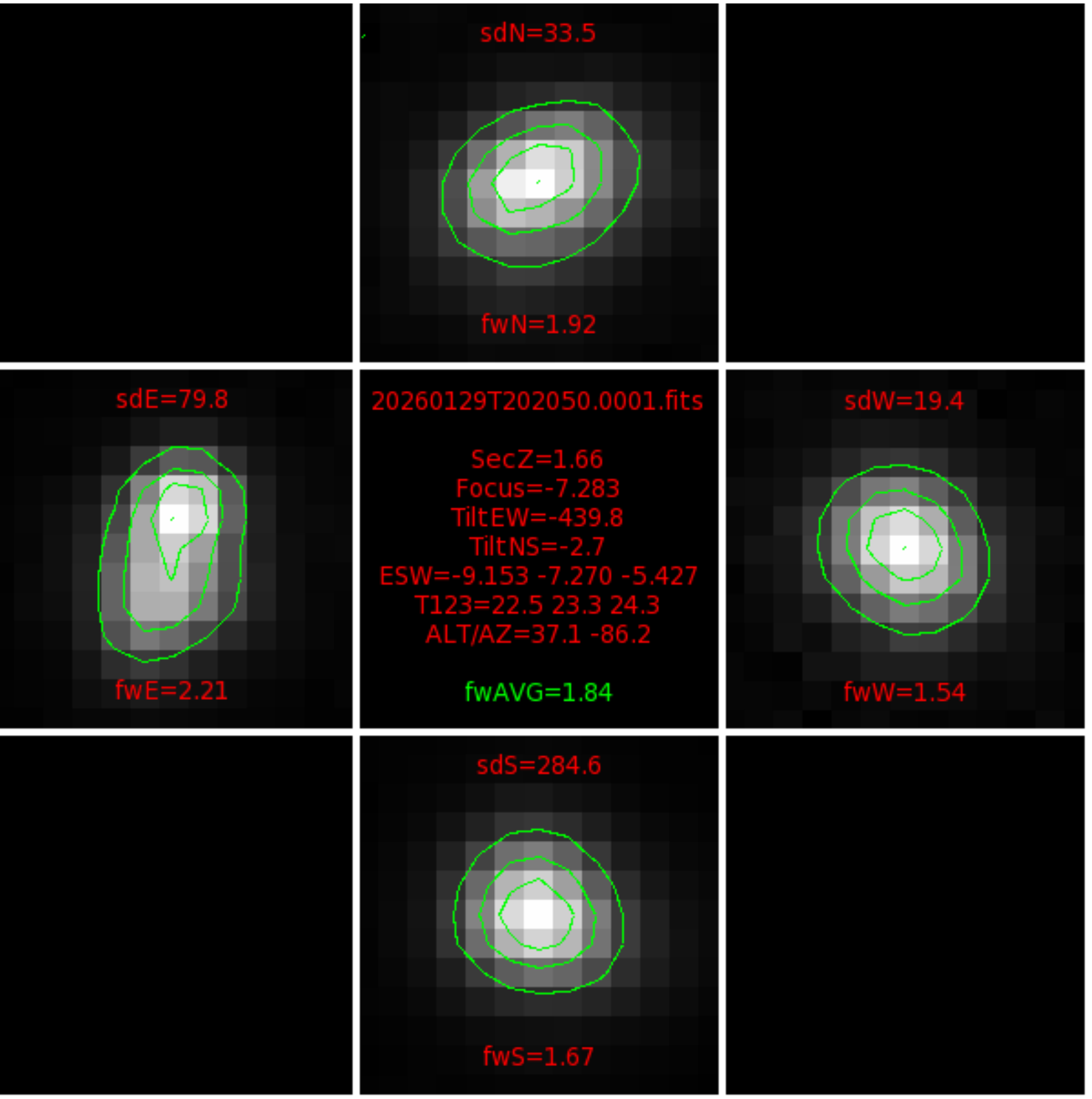
sdN=33.5
fwN=1.92
sdE=79.8
fwE=2.21
20260129T202050.0001.fits
SecZ=1.66
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.5 23.3 24.3
ALT/AZ=37.1 -86.2
fwAVG=1.84
sdW=19.4
fwW=1.54
sdS=284.6
fwS=1.67
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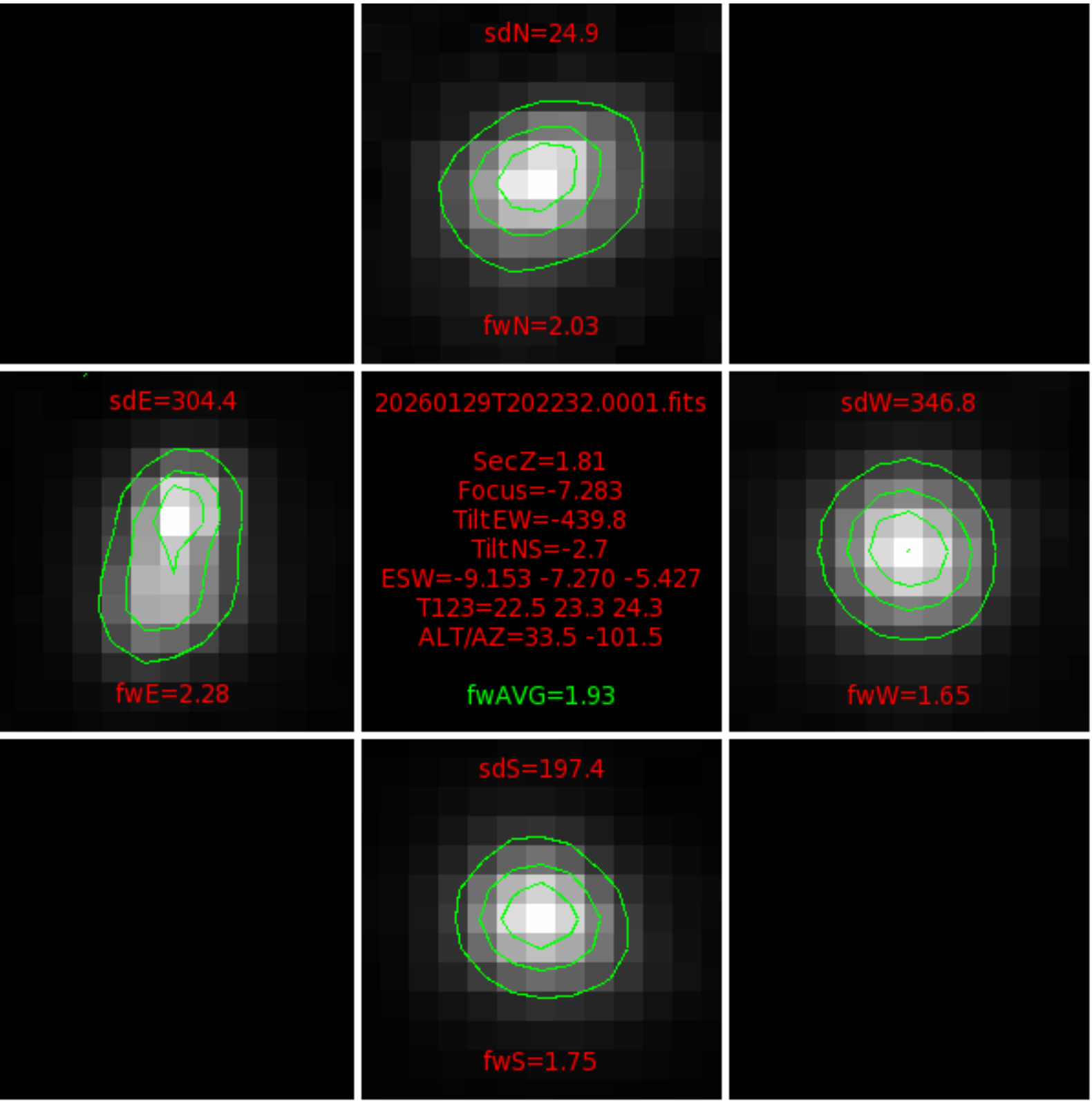
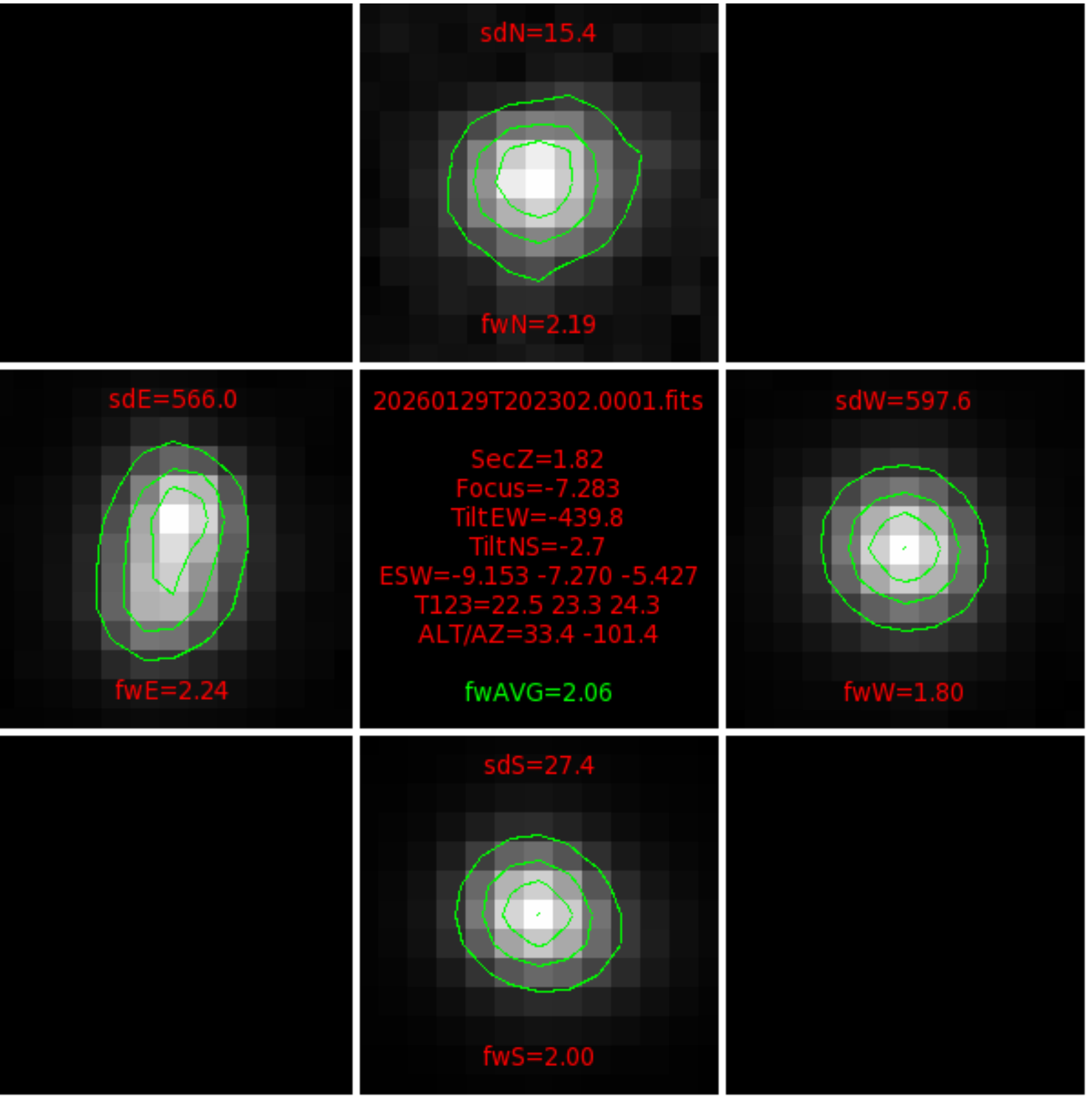

sdN=24.9
fwN=2.03
sdE=304.4
fwE=2.28
20260129T202232.0001.fits
SecZ=1.81
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.5 23.3 24.3
ALT/AZ=33.5 -101.5
fwAVG=1.93
sdW=346.8
fwW=1.65
sdS=197.4
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=15.4
fwN=2.19
sdE=566.0
fwE=2.24
20260129T202302.0001.fits
SecZ=1.82
Focus=-7.283
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.153 -7.270 -5.427
T123=22.5 23.3 24.3
ALT/AZ=33.4 -101.4
fwAVG=2.06
sdW=597.6
fwW=1.80
sdS=27.4
fwS=2.00
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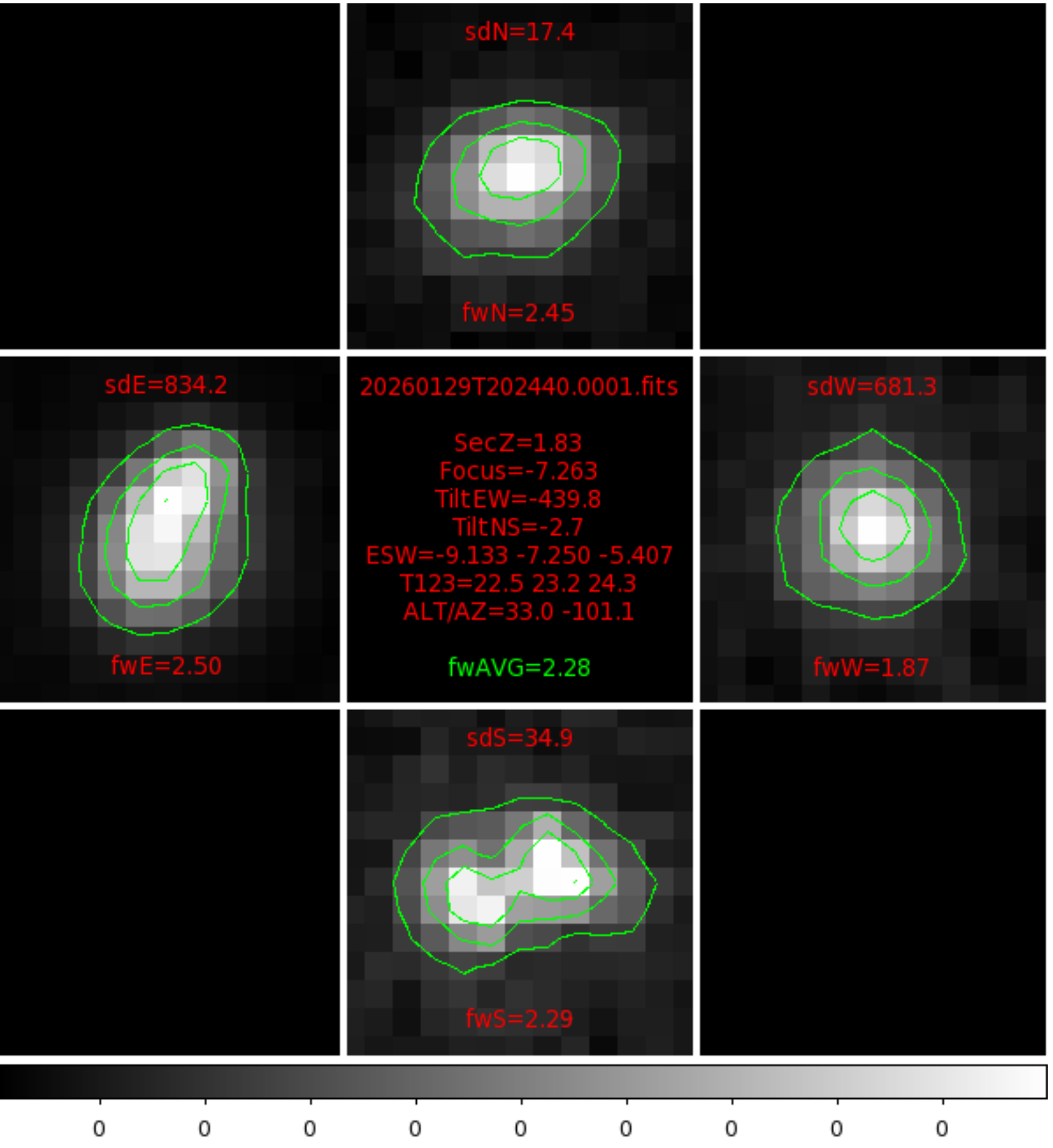
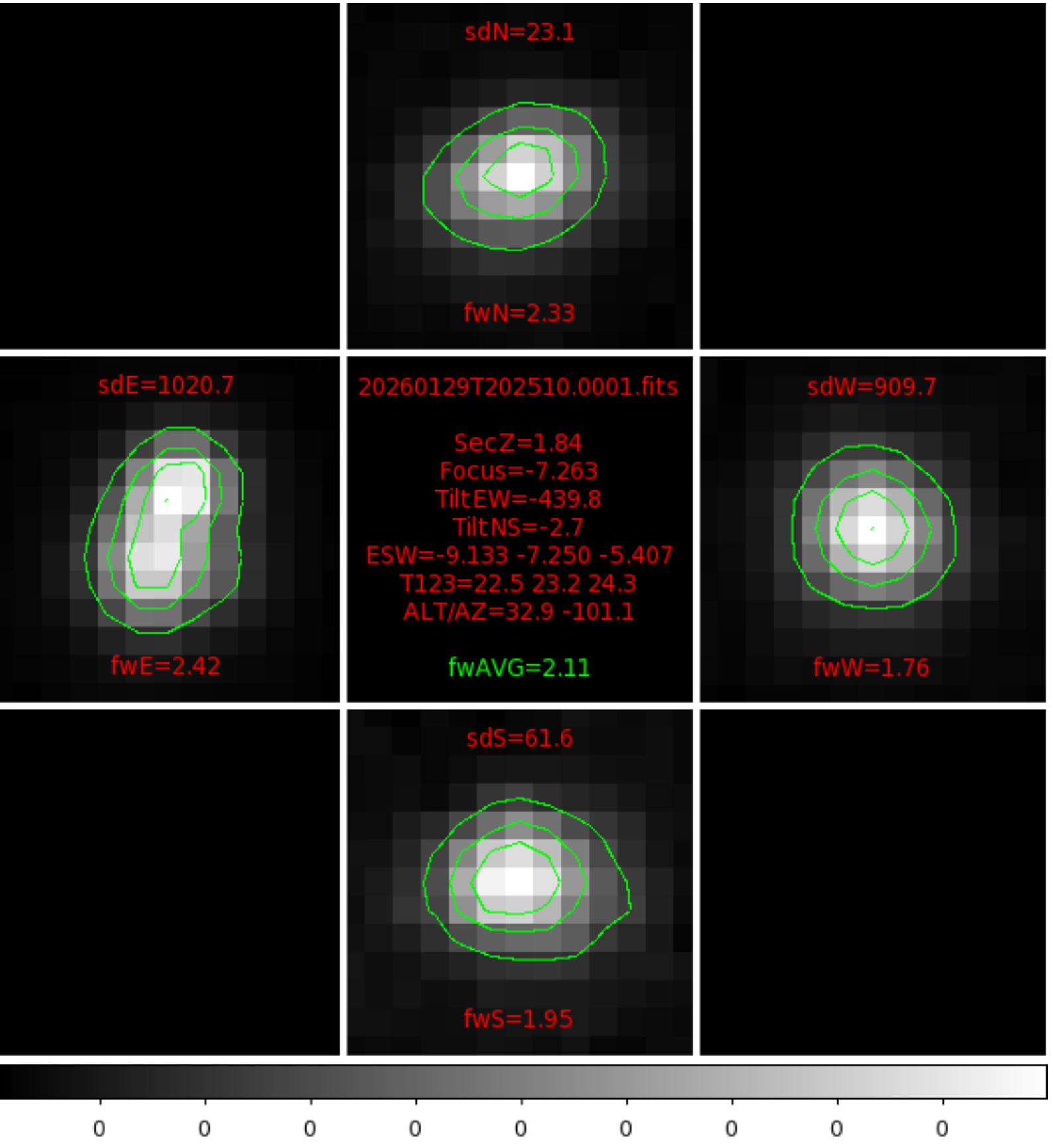

sdN=17.4
fwN=2.45
sdE=834.2
fwE=2.50
20260129T202440.0001.fits
SecZ=1.83
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.5 23.2 24.3
ALT/AZ=33.0 -101.1
fwAVG=2.28
sdW=681.3
fwW=1.87
sdS=34.9
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=23.1
fwN=2.33
sdE=1020.7
fwE=2.42
20260129T202510.0001.fits
SecZ=1.84
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.5 23.2 24.3
ALT/AZ=32.9 -101.1
fwAVG=2.11
sdW=909.7
fwW=1.76
sdS=61.6
fwS=1.95
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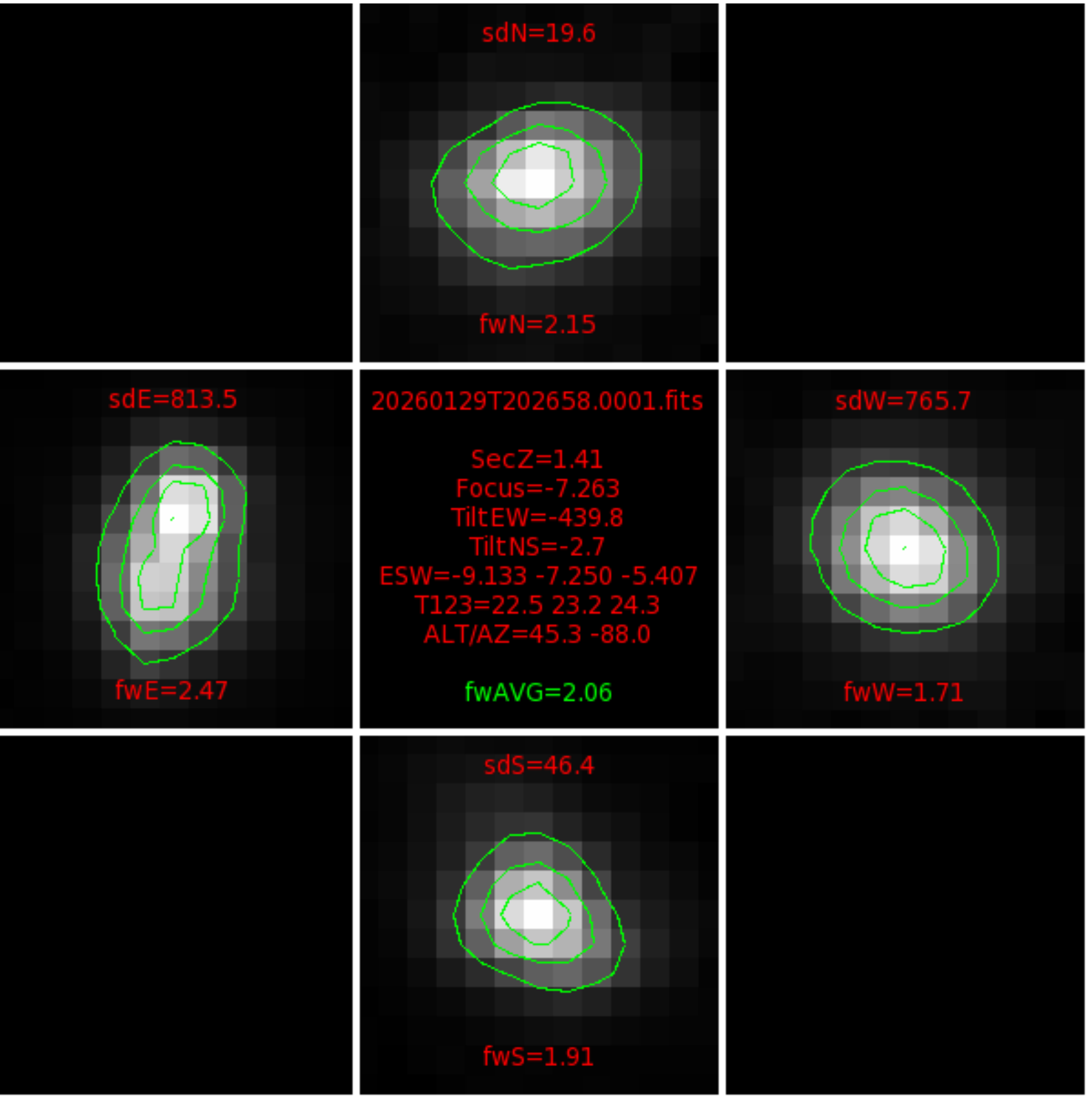
sdN=19.6
fwN=2.15
sdE=813.5
fwE=2.47
20260129T202658.0001.fits
SecZ=1.41
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.5 23.2 24.3
ALT/AZ=45.3 -88.0
fwAVG=2.06
sdW=765.7
fwW=1.71
sdS=46.4
fwS=1.91
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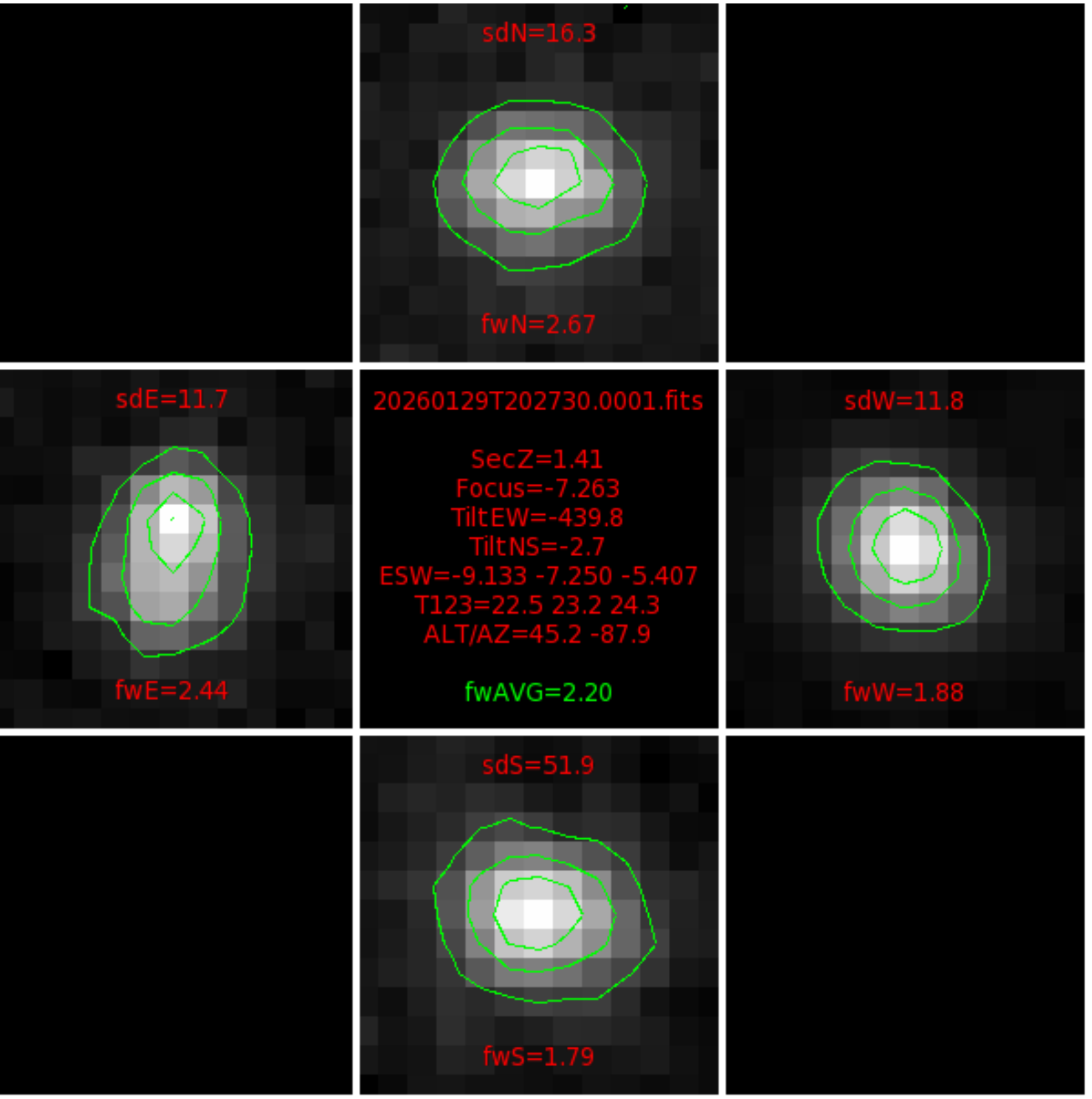
sdN=16.3
fwN=2.67
sdE=11.7
fwE=2.44
20260129T202730.0001.fits
SecZ=1.41
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.5 23.2 24.3
ALT/AZ=45.2 -87.9
fwAVG=2.20
sdW=11.8
fwW=1.88
sdS=51.9
fwS=1.79
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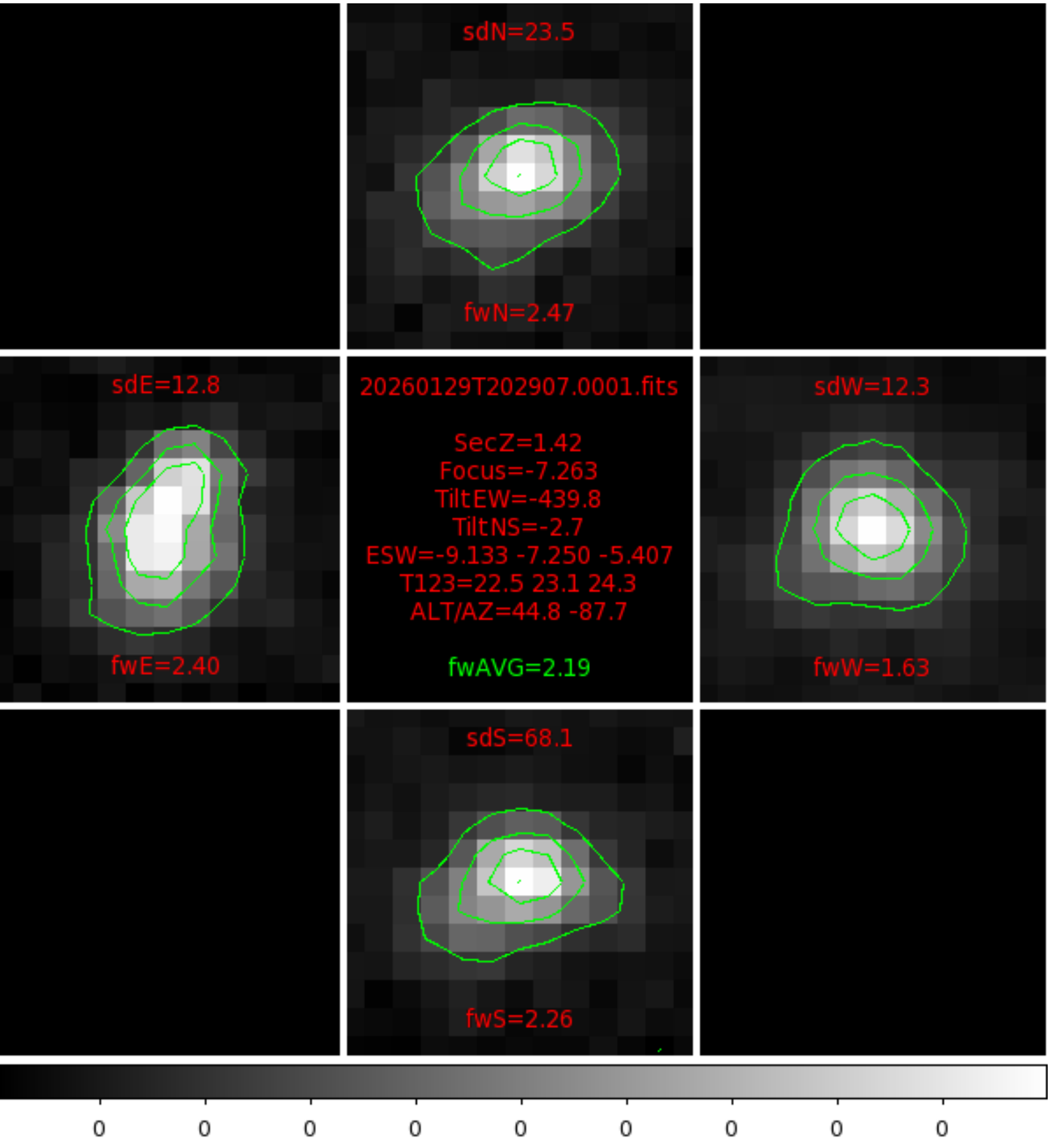
sdN=23.5
fwN=2.47
sdE=12.8
fwE=2.40
20260129T202907.0001.fits
SecZ=1.42
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.5 23.1 24.3
ALT/AZ=44.8 -87.7
fwAVG=2.19
sdW=12.3
fwW=1.63
sdS=68.1
fwS=2.26
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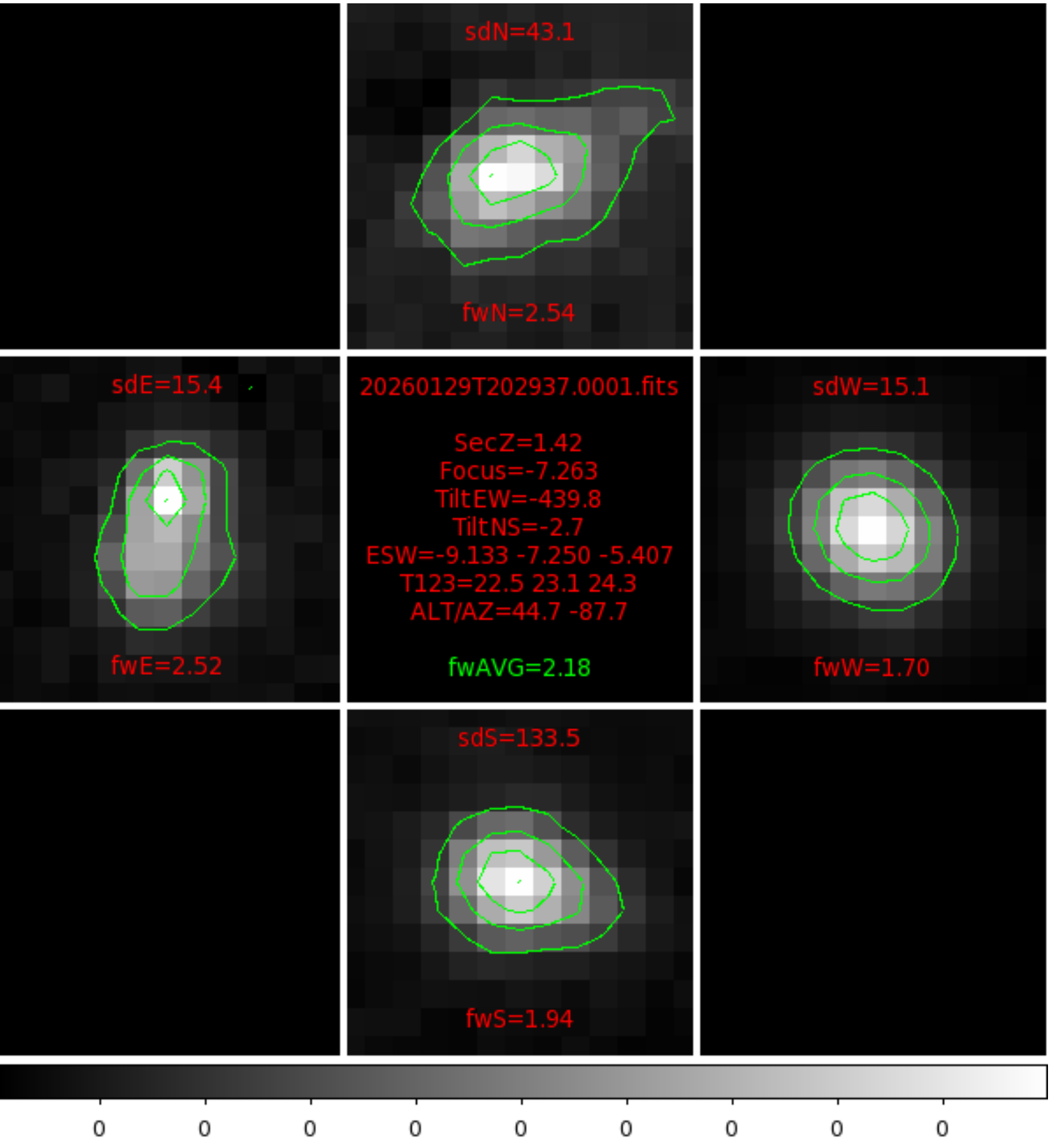
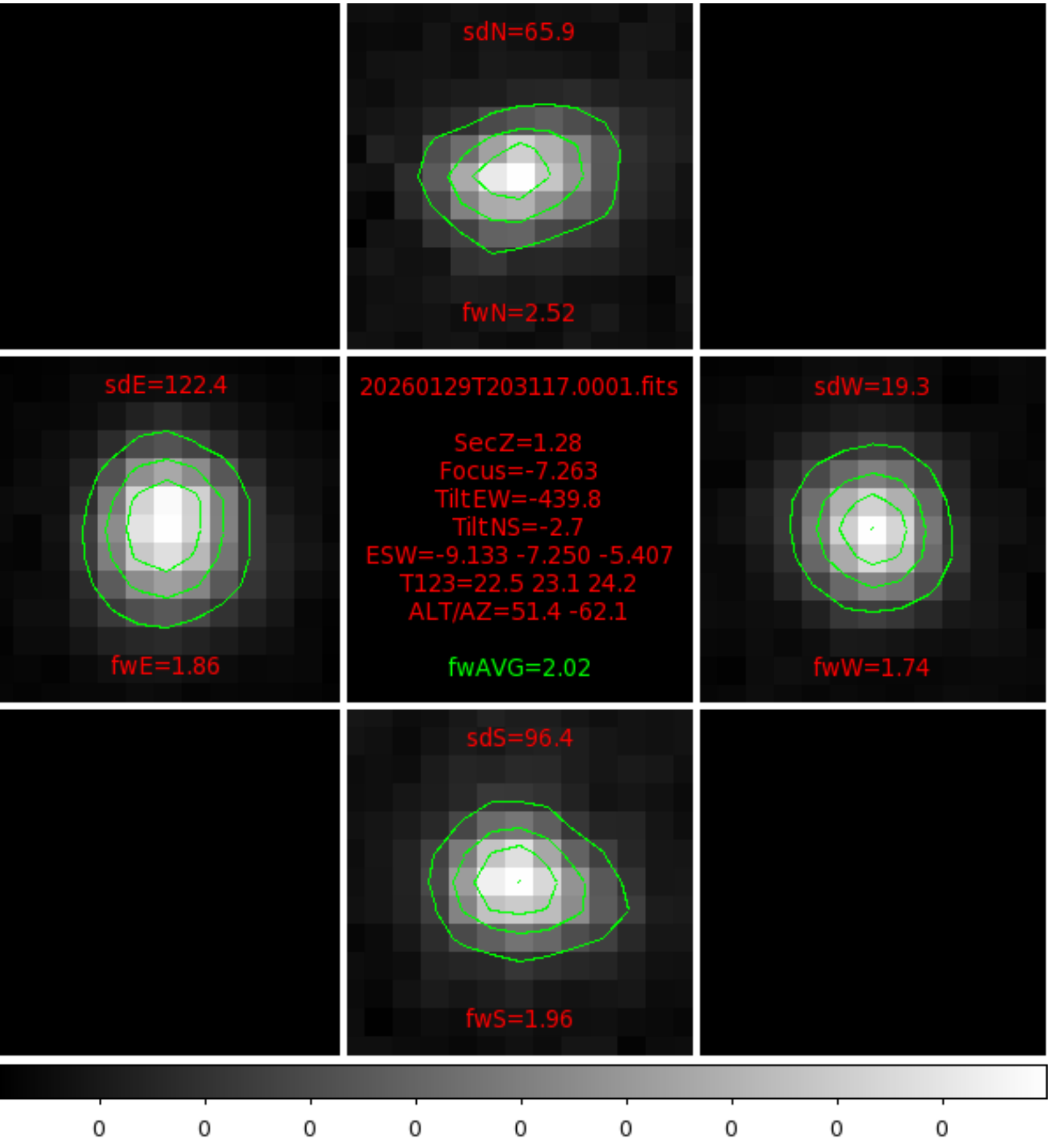

sdN=43.1
fwN=2.54
sdE=15.4
fwE=2.52
20260129T202937.0001.fits
SecZ=1.42
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.5 23.1 24.3
ALT/AZ=44.7 -87.7
fwAVG=2.18
sdW=15.1
fwW=1.70
sdS=133.5
fwS=1.94
0 0 0 0 0 0 0 0 0


sdN=65.9
fwN=2.52
sdE=122.4
fwE=1.86
20260129T203117.0001.fits
SecZ=1.28
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.5 23.1 24.2
ALT/AZ=51.4 -62.1
fwAVG=2.02
sdW=19.3
fwW=1.74
sdS=96.4
fwS=1.96
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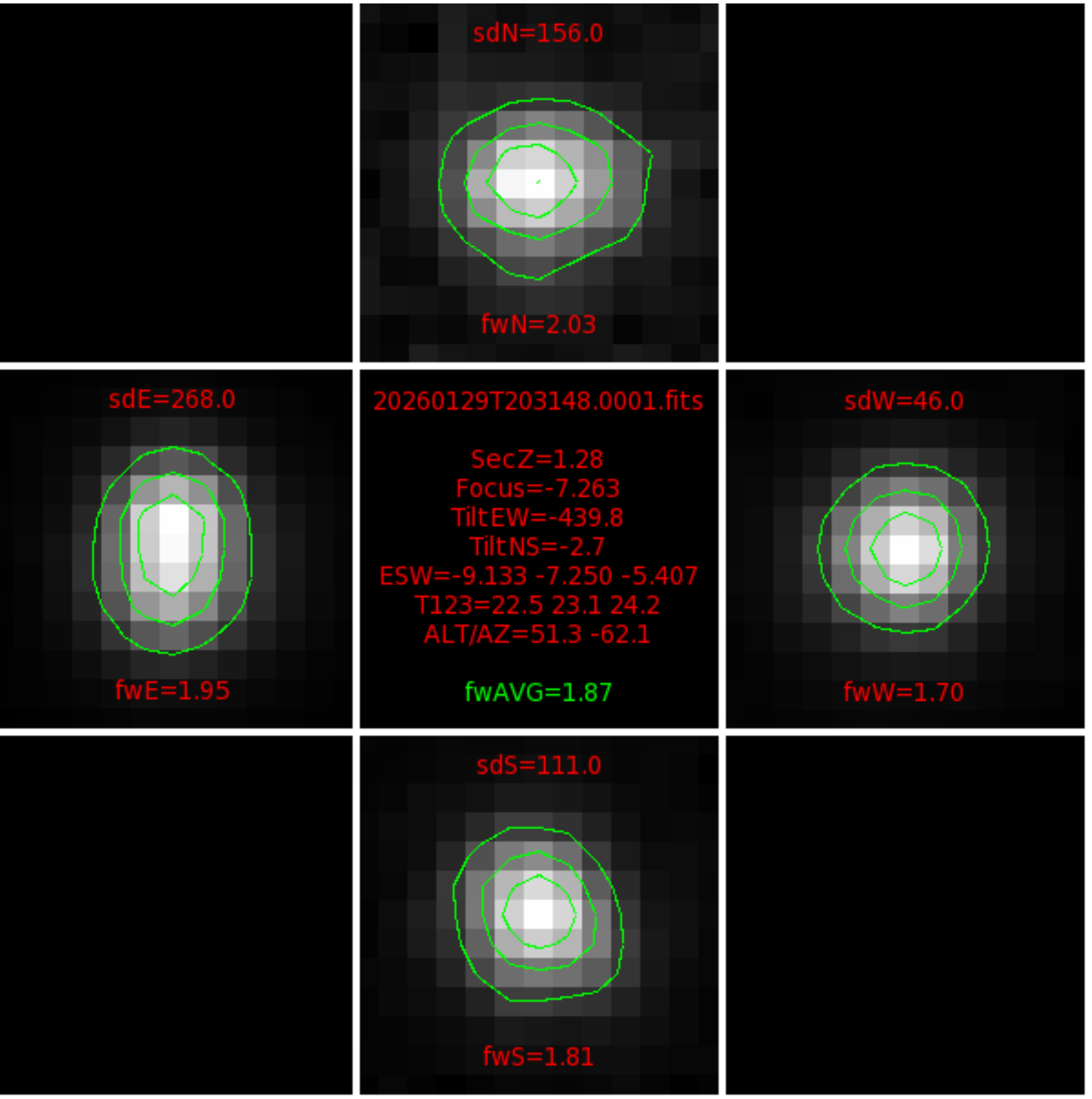
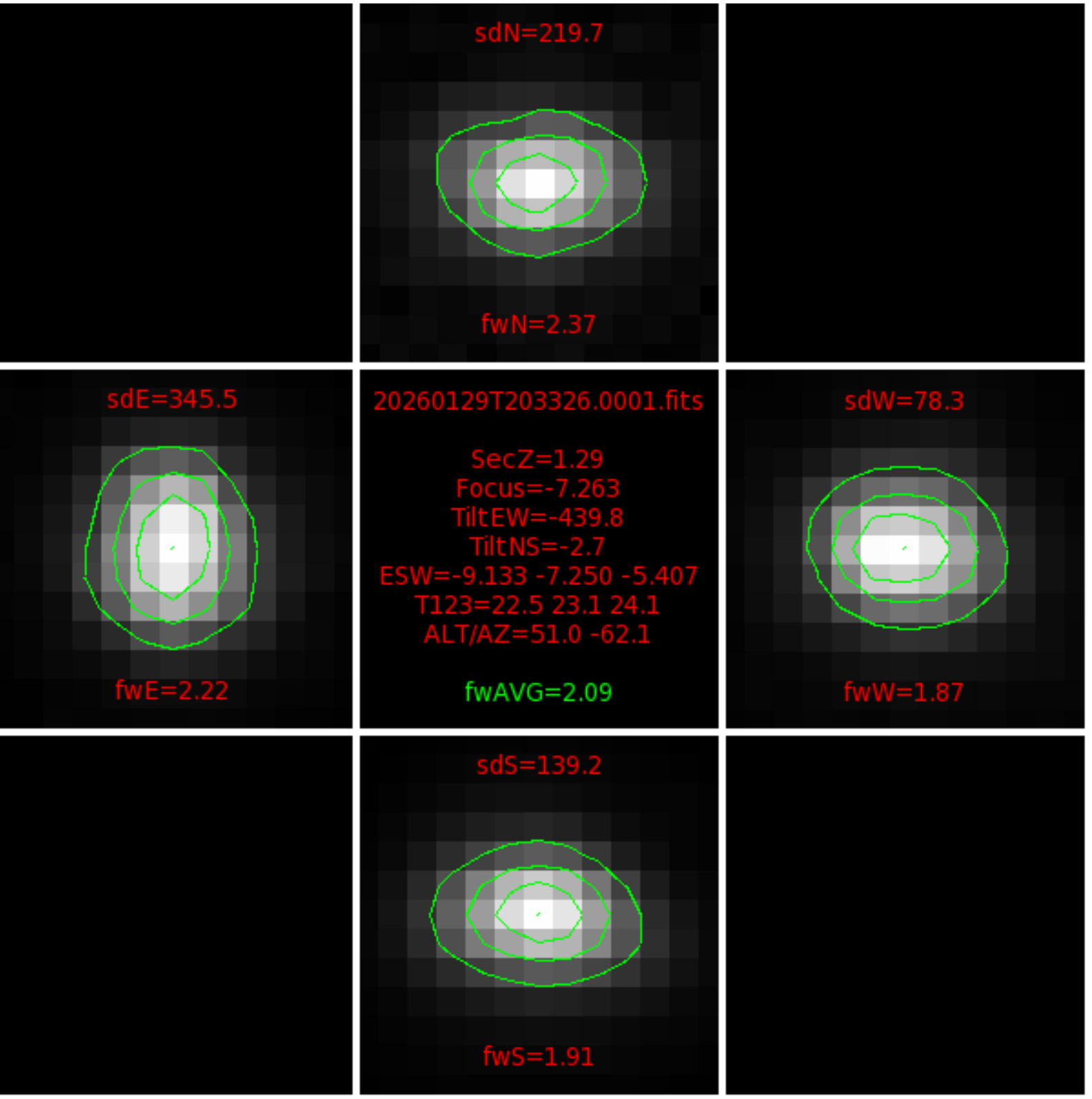
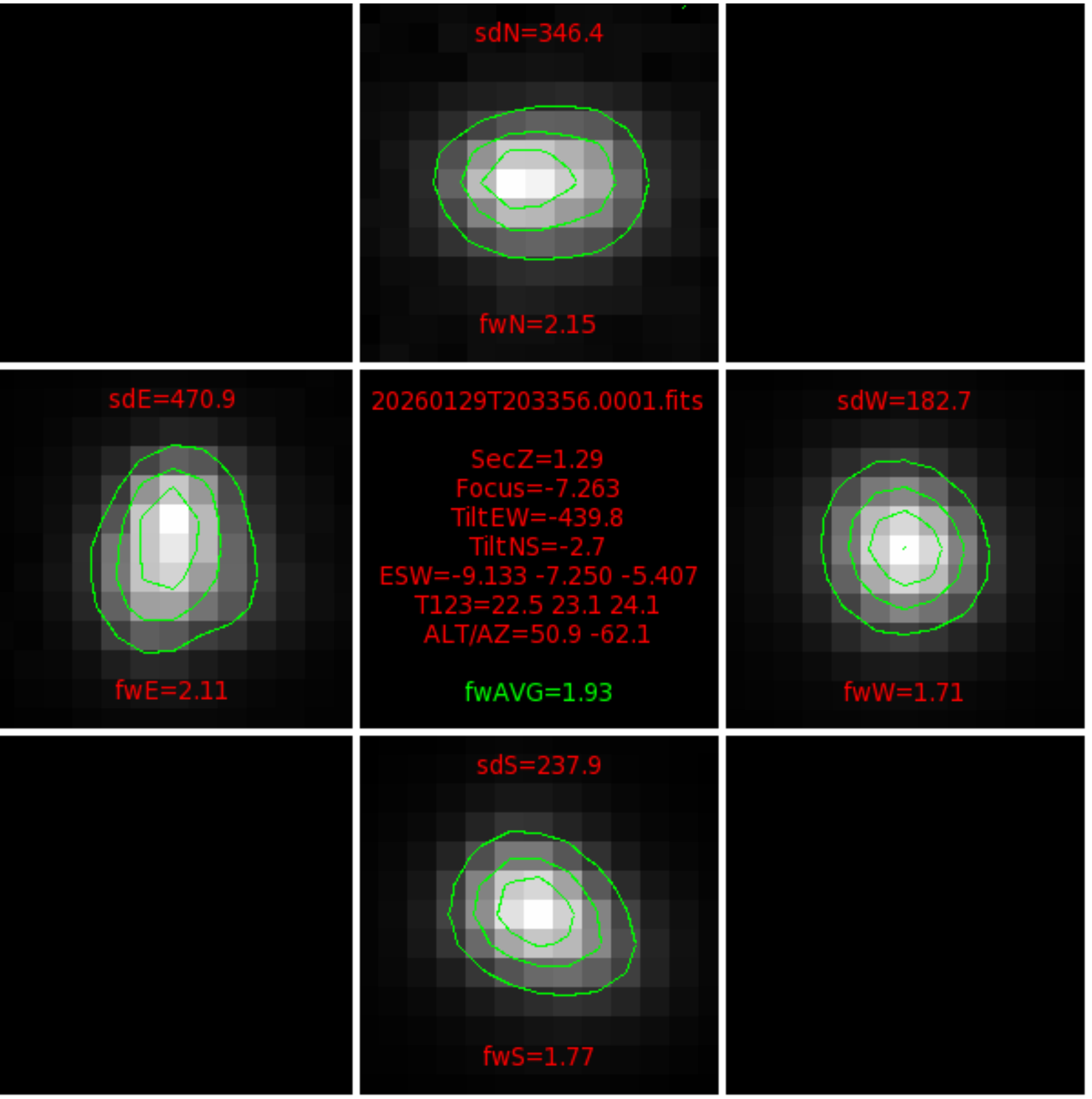
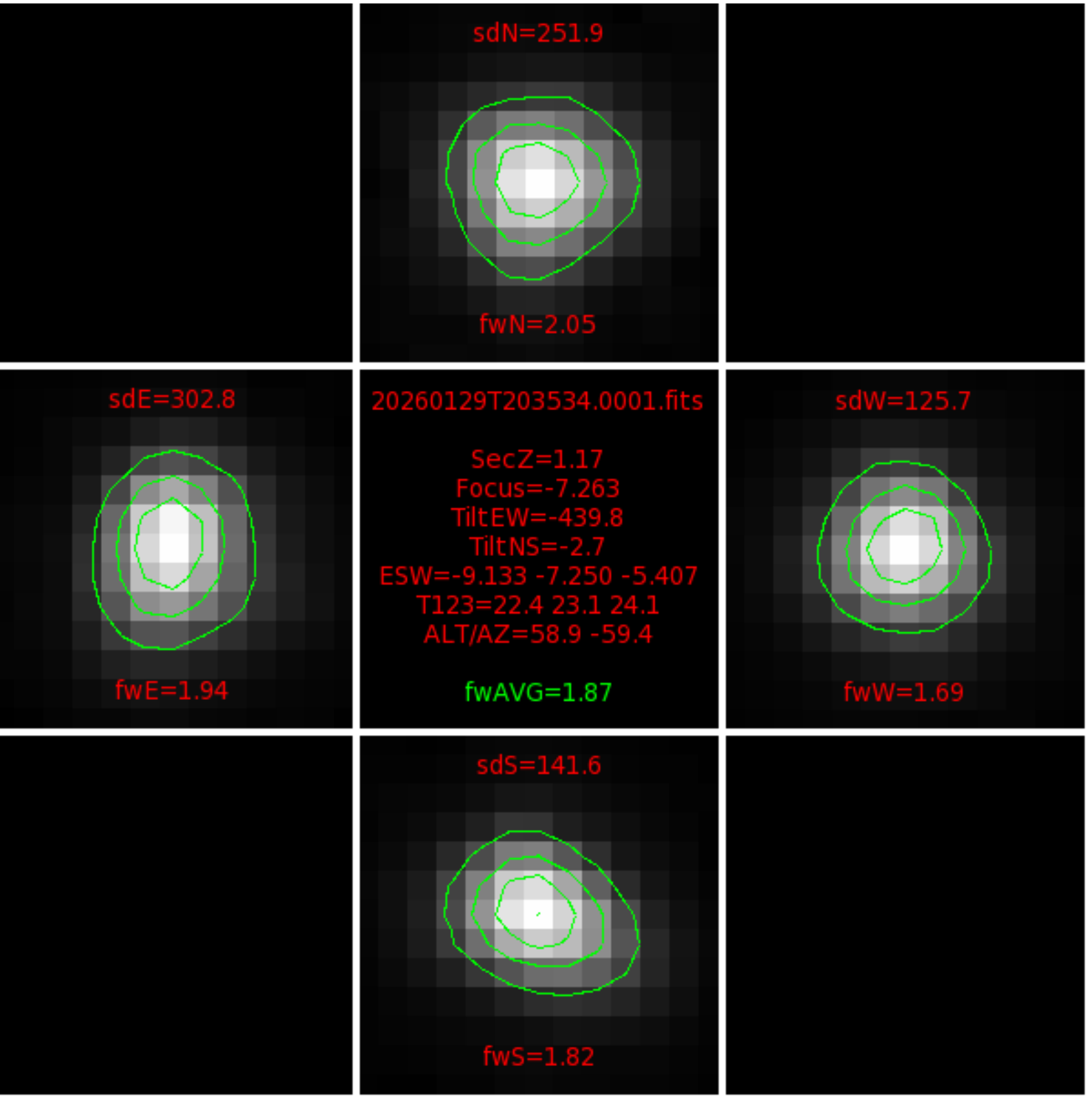

sdN=156.0
fwN=2.03
sdE=268.0
fwE=1.95
20260129T203148.0001.fits
SecZ=1.28
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.5 23.1 24.2
ALT/AZ=51.3 -62.1
fwAVG=1.87
sdW=46.0
fwW=1.70
sdS=111.0
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=219.7
fwN=2.37
sdE=345.5
fwE=2.22
20260129T203326.0001.fits
SecZ=1.29
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.5 23.1 24.1
ALT/AZ=51.0 -62.1
fwAVG=2.09
sdW=78.3
fwW=1.87
sdS=139.2
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=346.4
fwN=2.15
sdE=470.9
fwE=2.11
20260129T203356.0001.fits
SecZ=1.29
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.5 23.1 24.1
ALT/AZ=50.9 -62.1
fwAVG=1.93
sdW=182.7
fwW=1.71
sdS=237.9
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=251.9
fwN=2.05
sdE=302.8
fwE=1.94
20260129T203534.0001.fits
SecZ=1.17
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.4 23.1 24.1
ALT/AZ=58.9 -59.4
fwAVG=1.87
sdW=125.7
fwW=1.69
sdS=141.6
fwS=1.82
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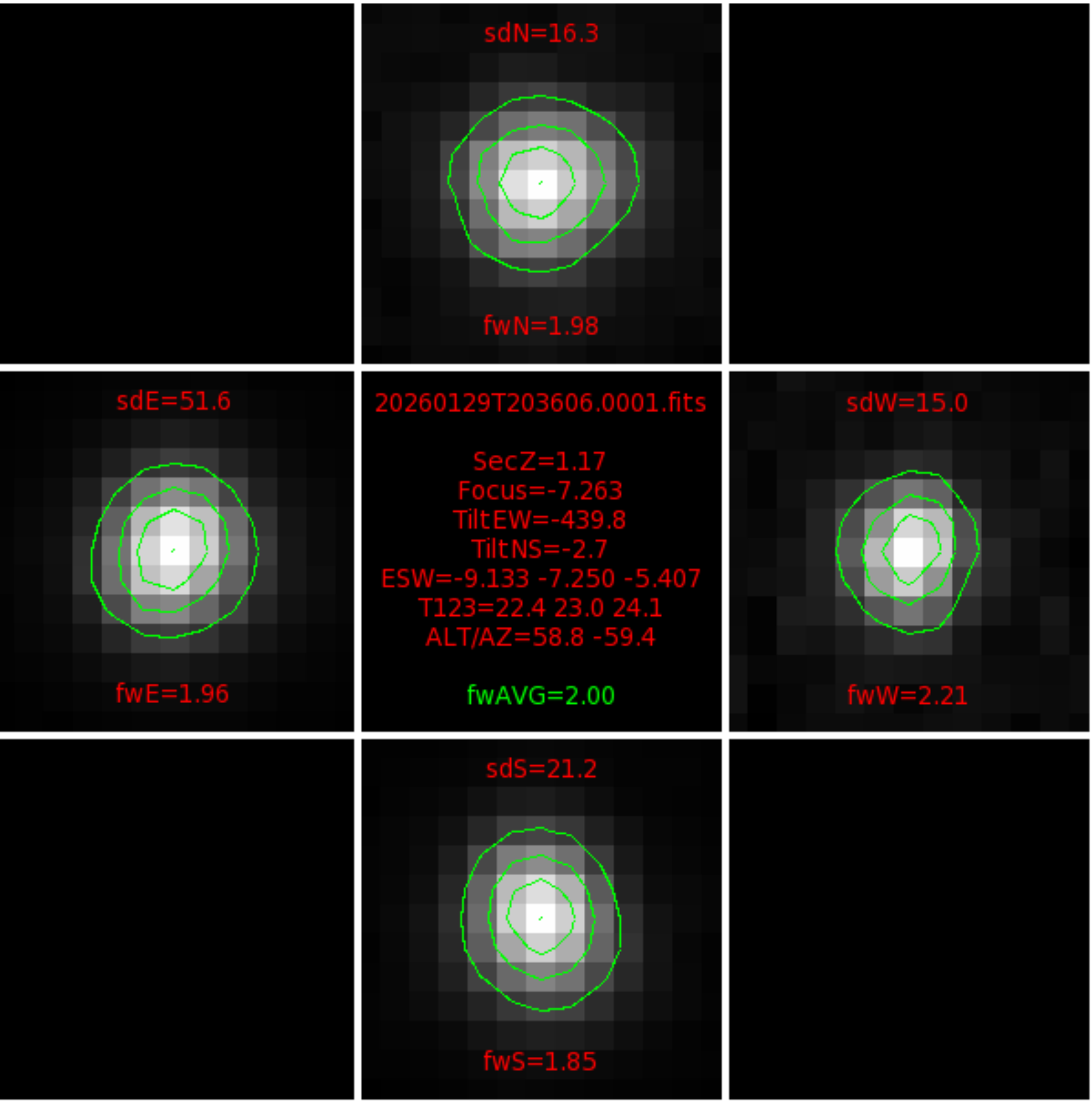
sdN=16.3
fwN=1.98
sdE=51.6
fwE=1.96
20260129T203606.0001.fits
SecZ=1.17
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.4 23.0 24.1
ALT/AZ=58.8 -59.4
fwAVG=2.00
sdW=15.0
fwW=2.21
sdS=21.2
fwS=1.85
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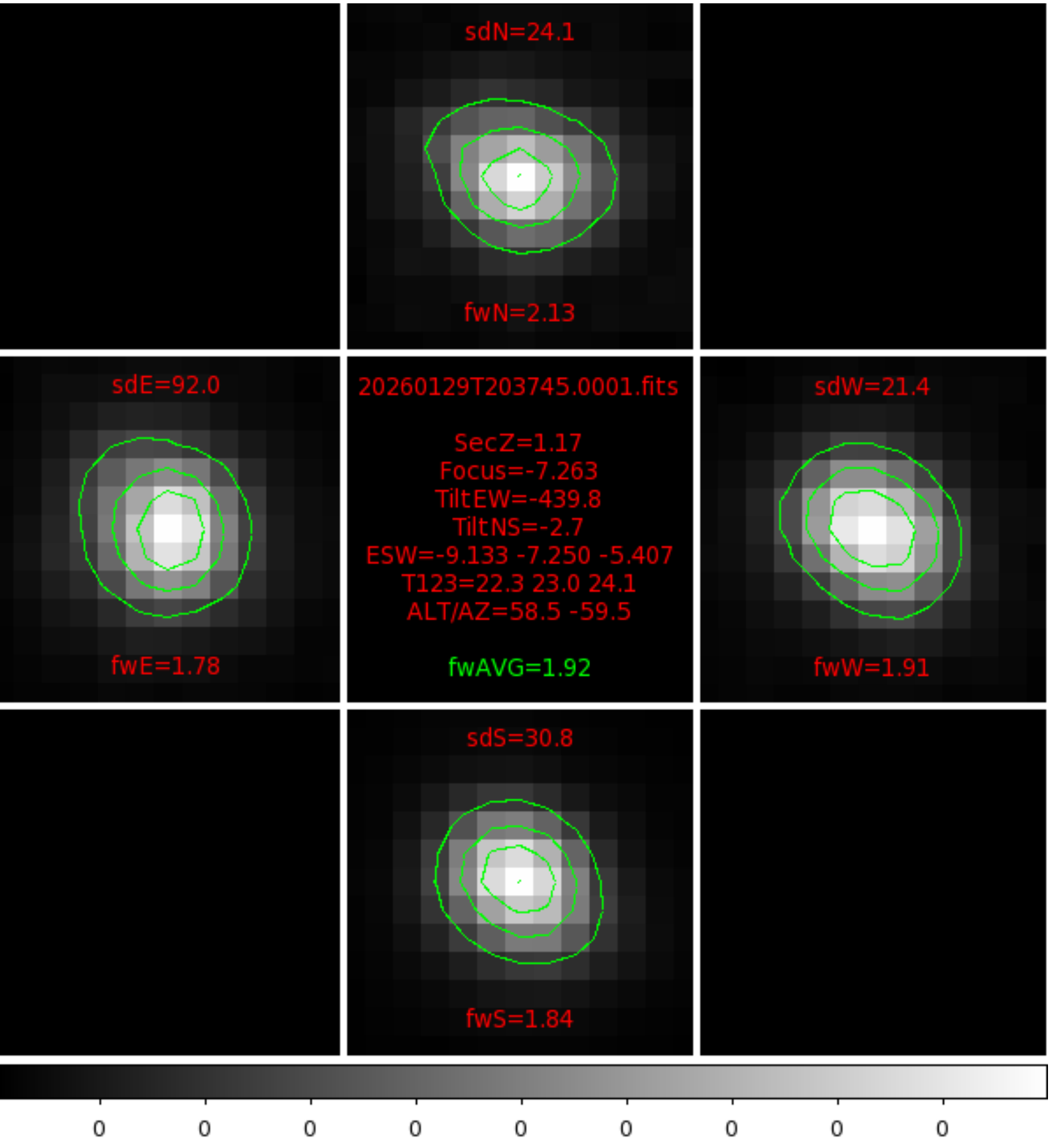
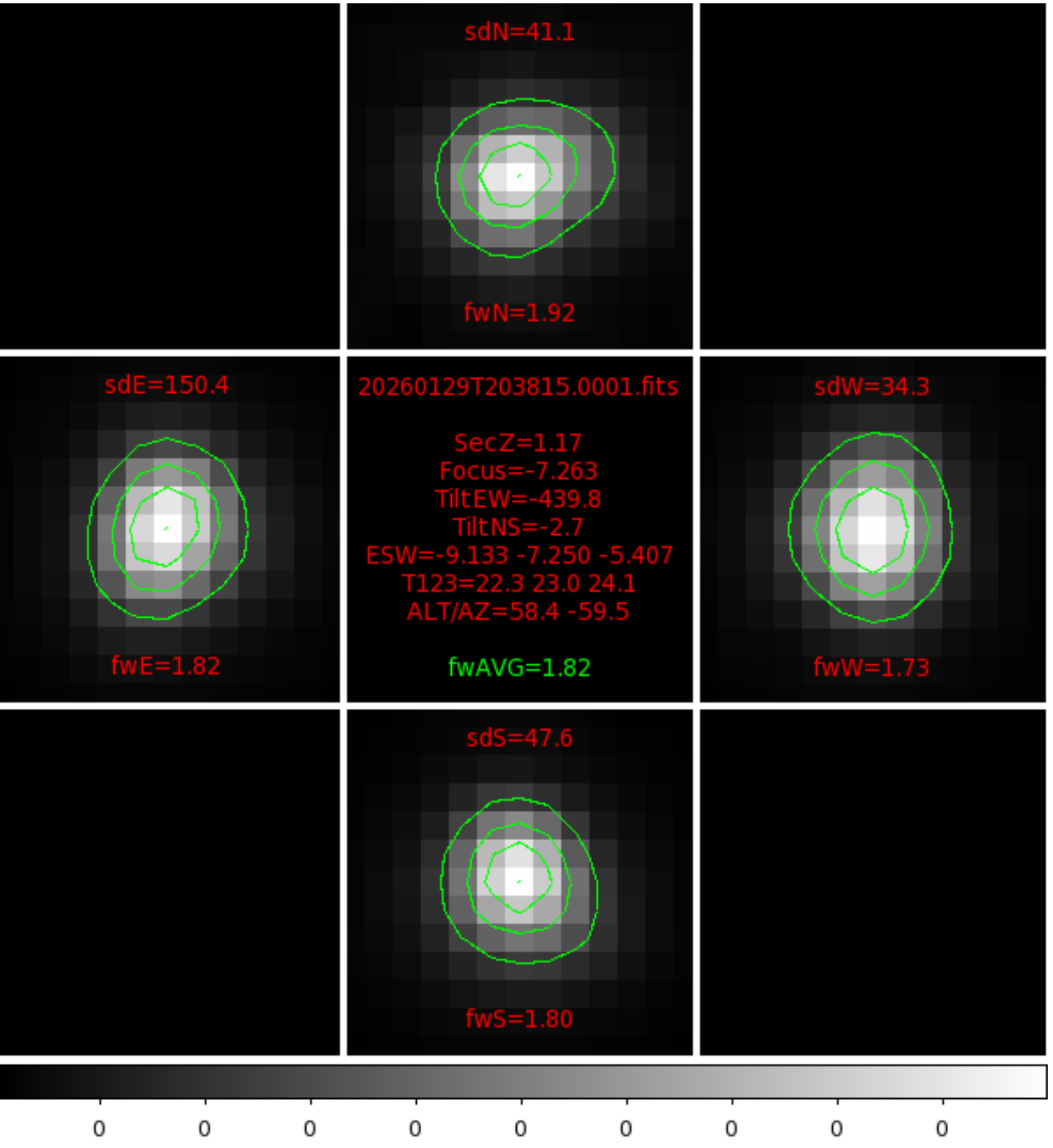
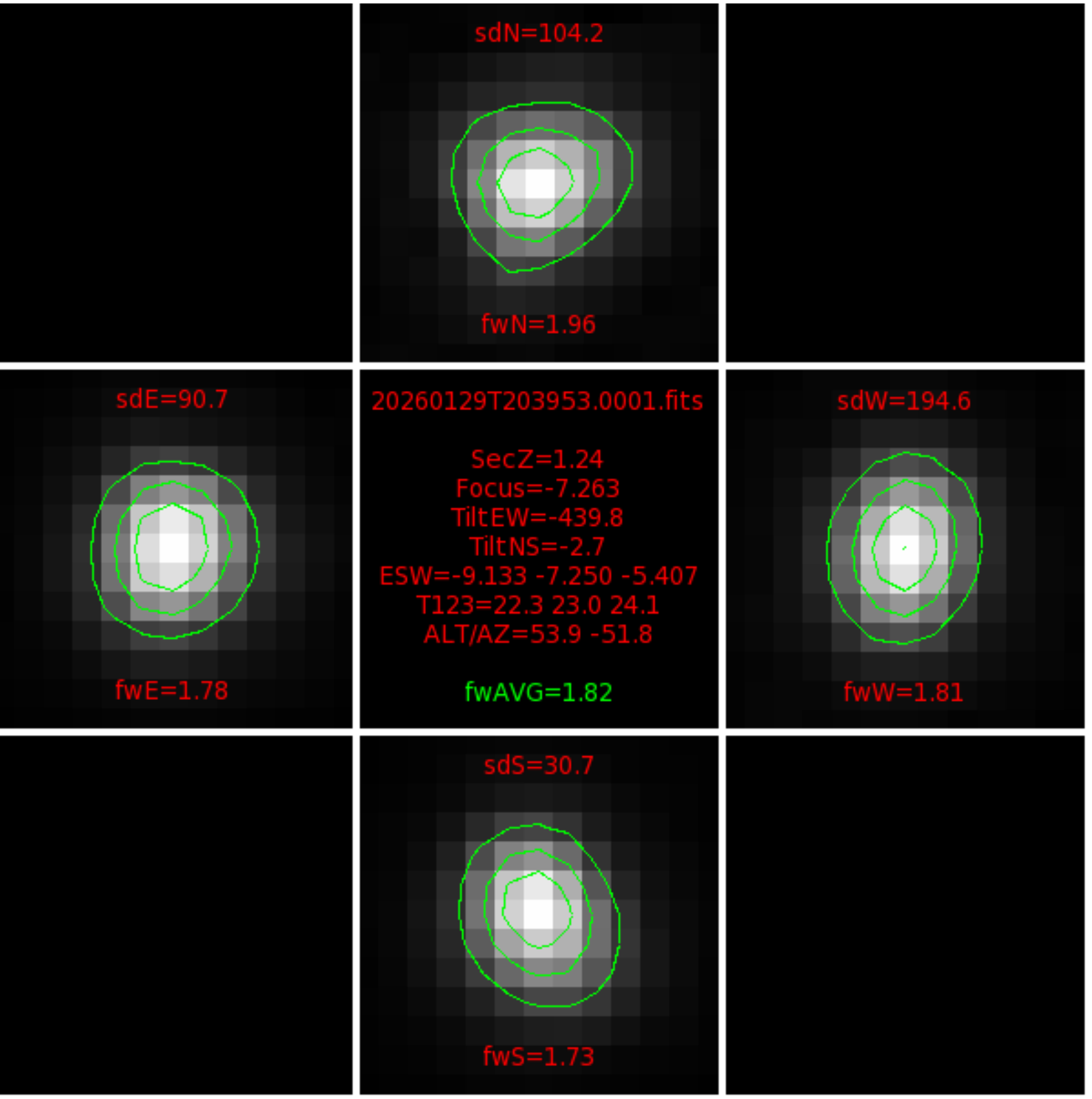
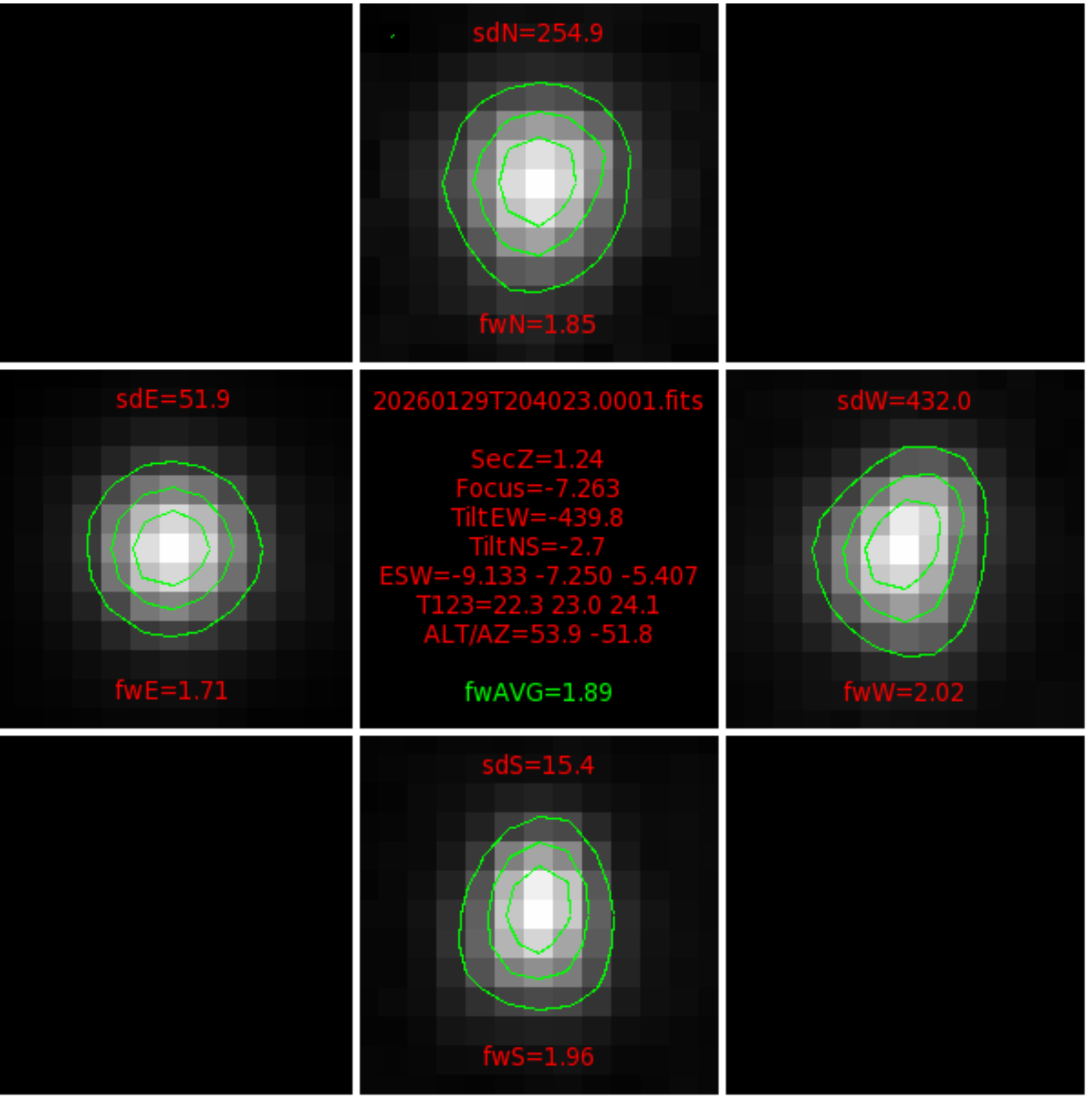
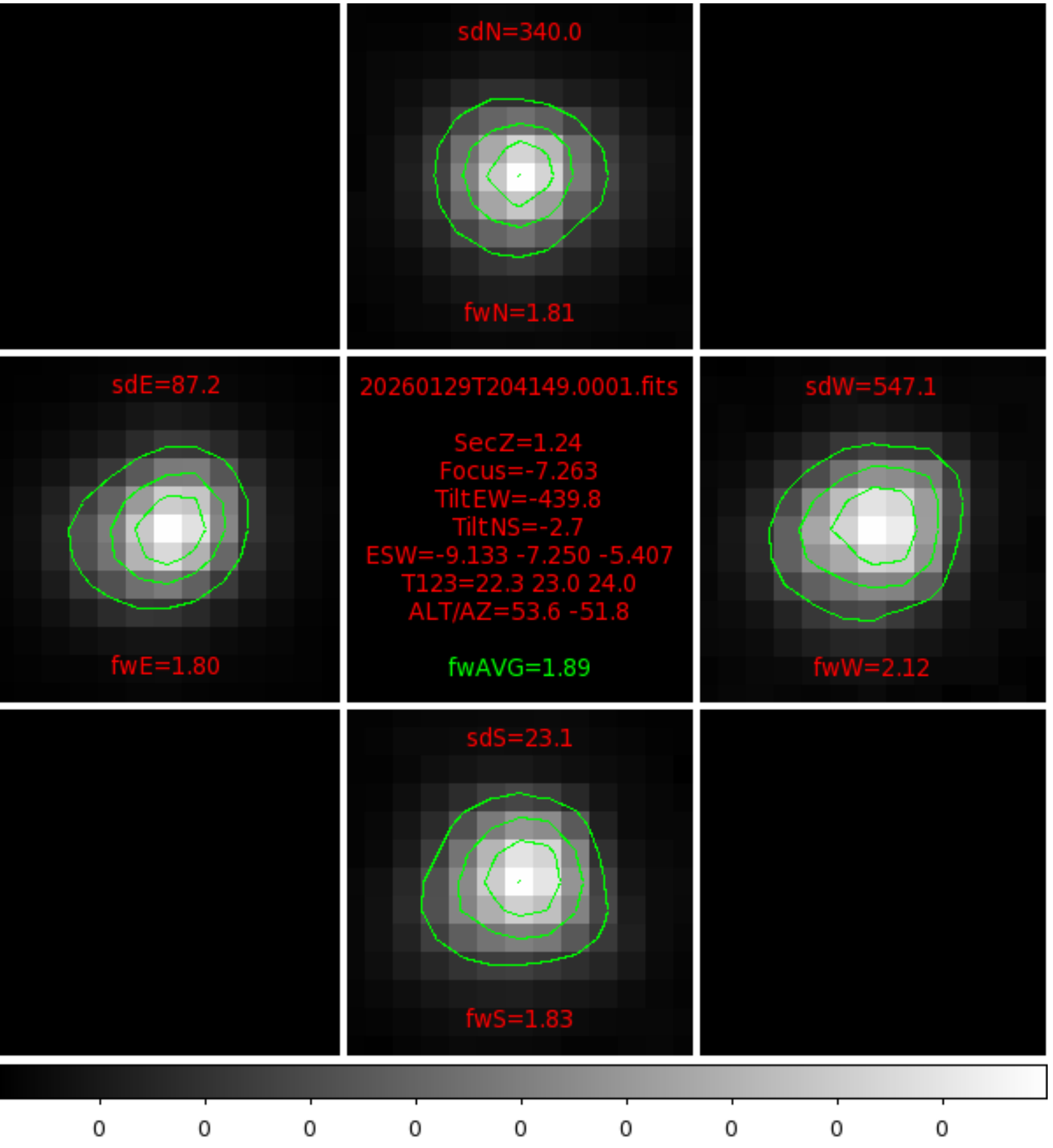
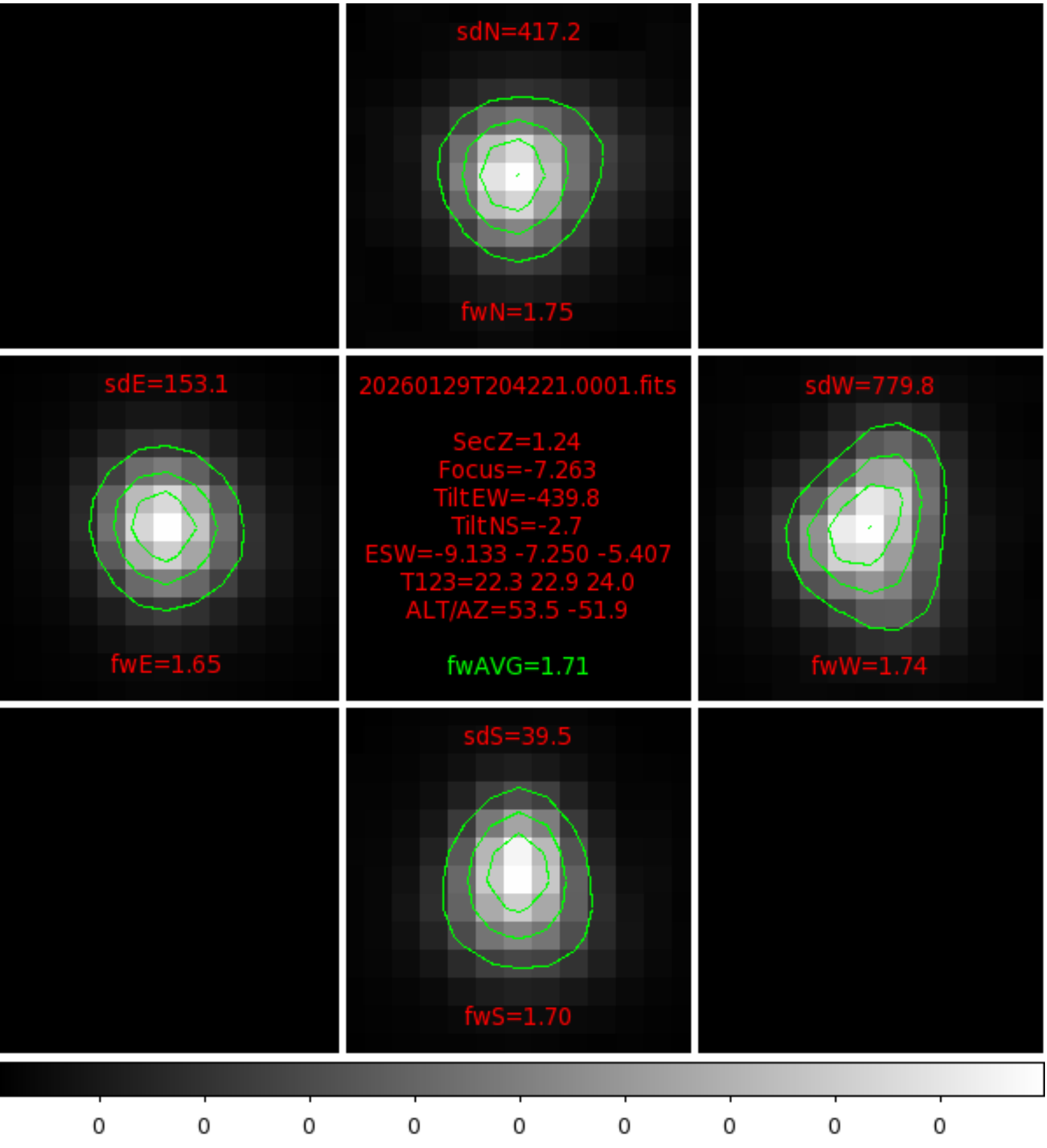

sdN=24.1
fwN=2.13
sdE=92.0
fwE=1.78
20260129T203745.0001.fits
SecZ=1.17
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.3 23.0 24.1
ALT/AZ=58.5 -59.5
fwAVG=1.92
sdW=21.4
fwW=1.91
sdS=30.8
fwS=1.84
0 0 0 0 0 0 0 0 0

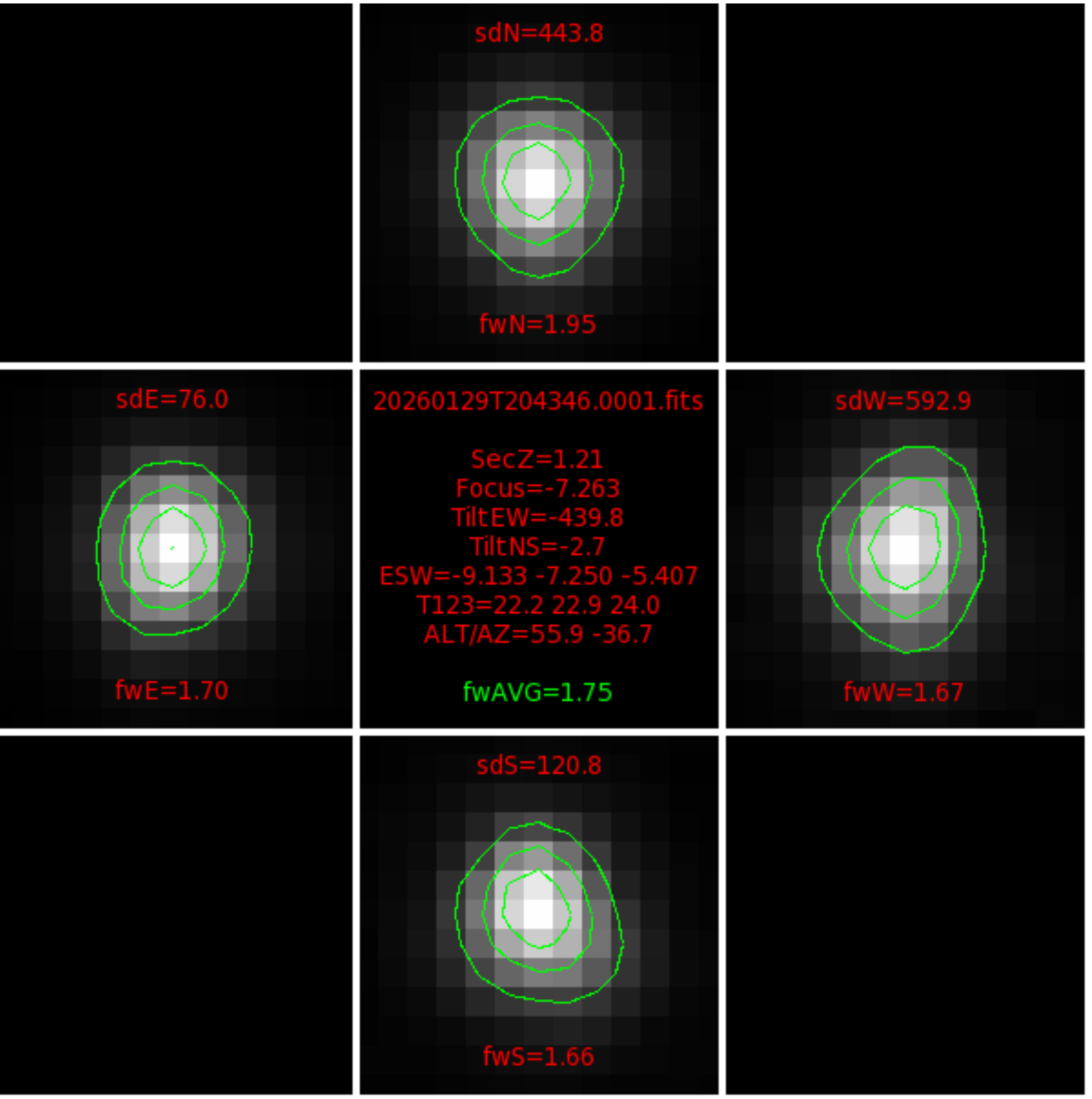

sdN=41.1
fwN=1.92
sdE=150.4
fwE=1.82
20260129T203815.0001.fits
SecZ=1.17
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.3 23.0 24.1
ALT/AZ=58.4 -59.5
fwAVG=1.82
sdW=34.3
fwW=1.73
sdS=47.6
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=104.2
fwN=1.96
sdE=90.7
fwE=1.78
20260129T203953.0001.fits
SecZ=1.24
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.3 23.0 24.1
ALT/AZ=53.9 -51.8
fwAVG=1.82
sdW=194.6
fwW=1.81
sdS=30.7
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=254.9
fwN=1.85
sdE=51.9
fwE=1.71
20260129T204023.0001.fits
SecZ=1.24
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.3 23.0 24.1
ALT/AZ=53.9 -51.8
fwAVG=1.89
sdW=432.0
fwW=2.02
sdS=15.4
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=340.0
fwN=1.81
sdE=87.2
fwE=1.80
20260129T204149.0001.fits
SecZ=1.24
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.3 23.0 24.0
ALT/AZ=53.6 -51.8
fwAVG=1.89
sdW=547.1
fwW=2.12
sdS=23.1
fwS=1.83
0 0 0 0 0 0 0 0 0


sdN=417.2
fwN=1.75
sdE=153.1
fwE=1.65
20260129T204221.0001.fits
SecZ=1.24
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.3 22.9 24.0
ALT/AZ=53.5 -51.9
fwAVG=1.71
sdW=779.8
fwW=1.74
sdS=39.5
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=443.8
fwN=1.95
sdE=76.0
fwE=1.70
20260129T204346.0001.fits
SecZ=1.21
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.2 22.9 24.0
ALT/AZ=55.9 -36.7
fwAVG=1.75
sdW=592.9
fwW=1.67
sdS=120.8
fwS=1.66
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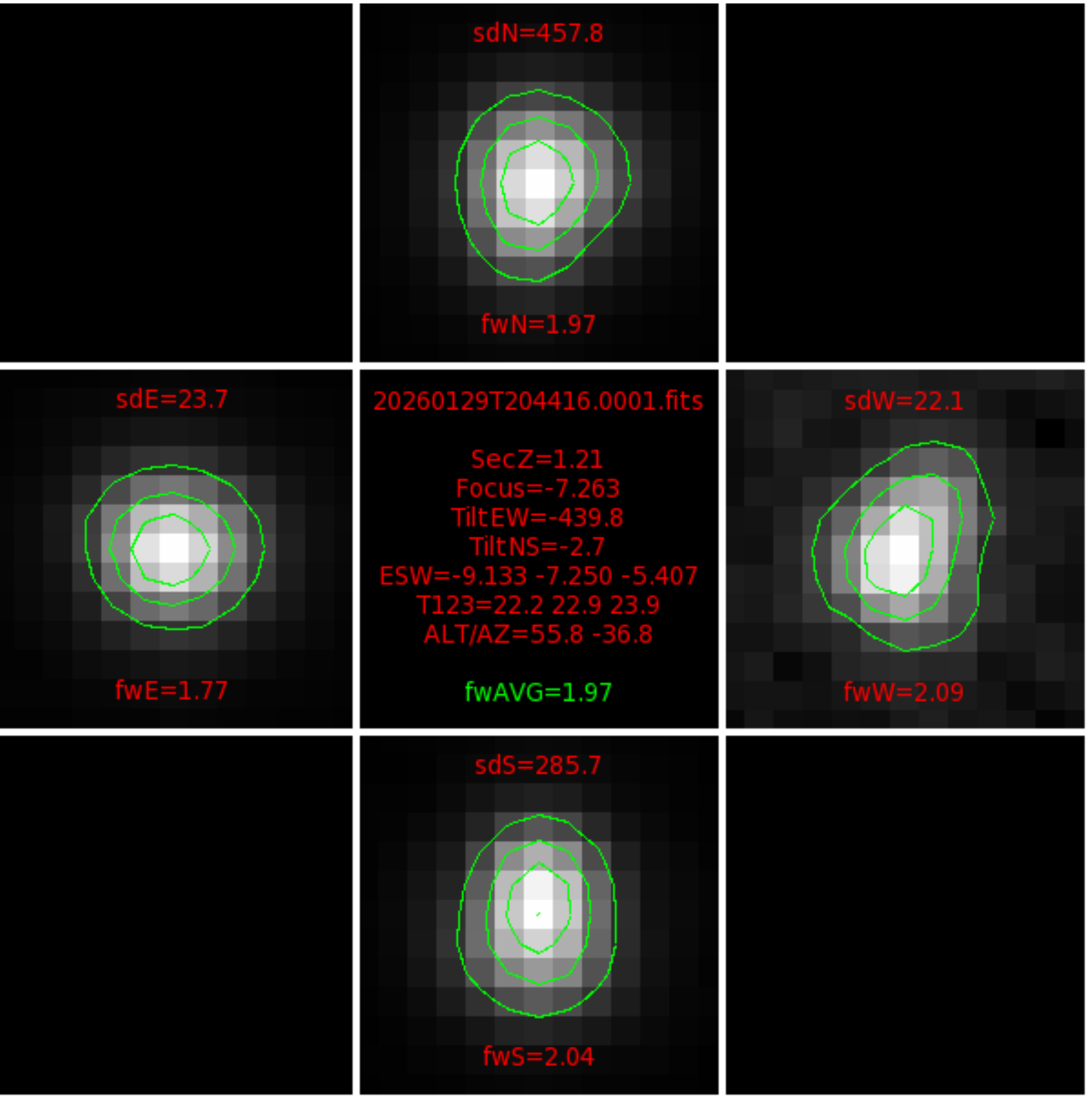
sdN=457.8
fwN=1.97
sdE=23.7
fwE=1.77
20260129T204416.0001.fits
SecZ=1.21
Focus=-7.263
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.133 -7.250 -5.407
T123=22.2 22.9 23.9
ALT/AZ=55.8 -36.8
fwAVG=1.97
sdW=22.1
fwW=2.09
sdS=285.7
fwS=2.04
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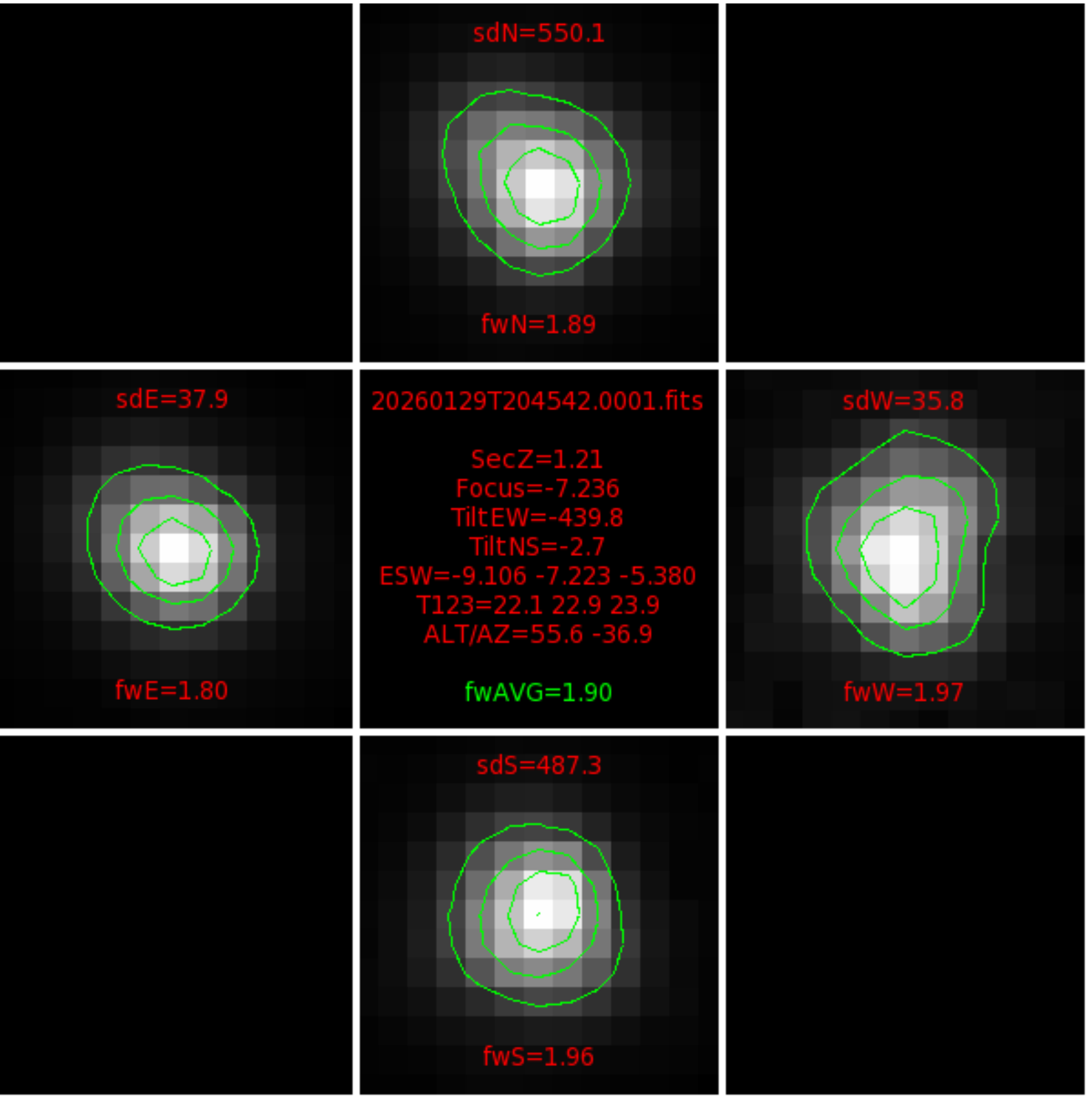
sdN=550.1
fwN=1.89
sdE=37.9
fwE=1.80
20260129T204542.0001.fits
SecZ=1.21
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=22.1 22.9 23.9
ALT/AZ=55.6 -36.9
fwAVG=1.90
sdW=35.8
fwW=1.97
sdS=487.3
fwS=1.96
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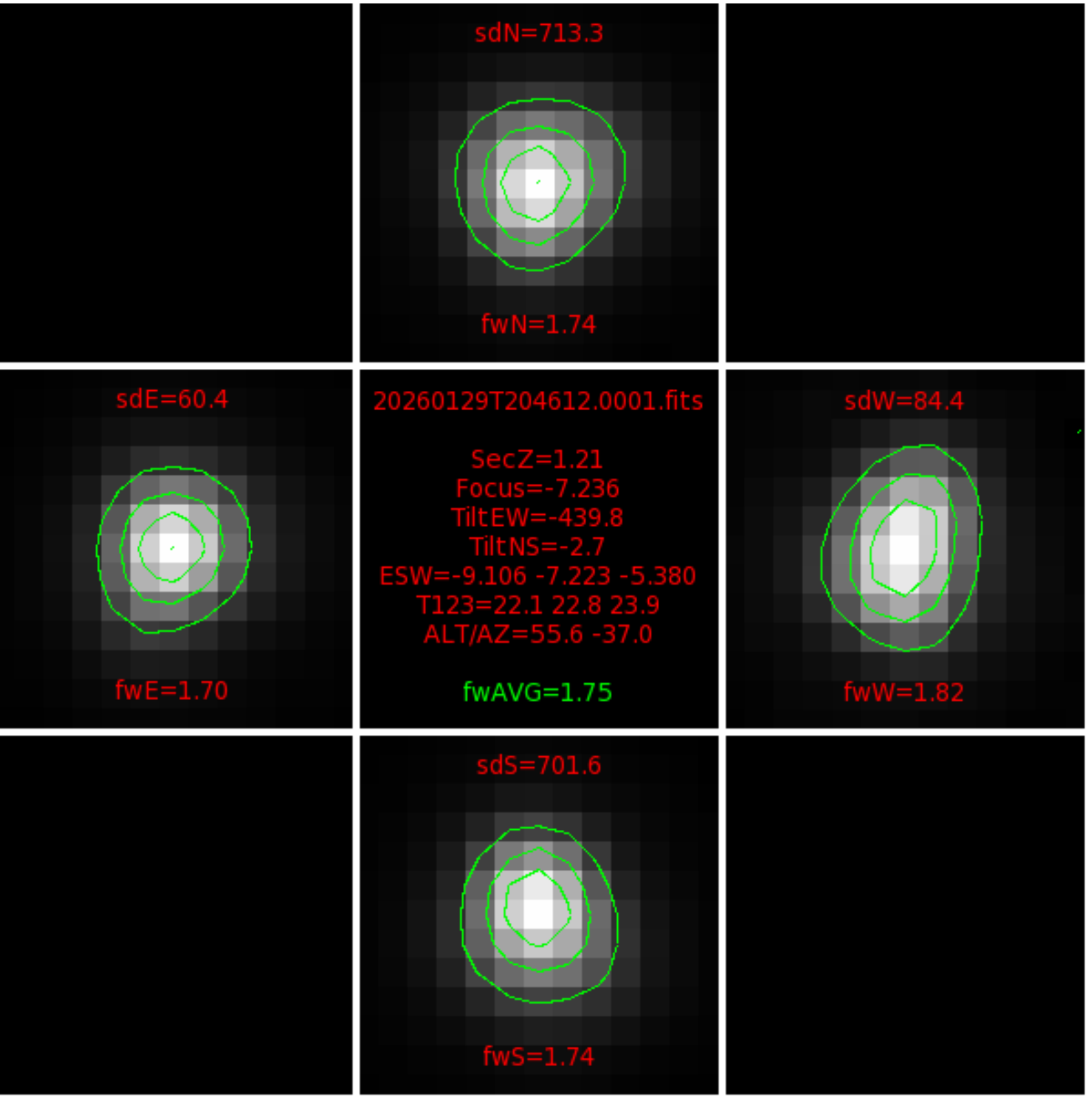
sdN=713.3
fwN=1.74
sdE=60.4
fwE=1.70
20260129T204612.0001.fits
SecZ=1.21
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=22.1 22.8 23.9
ALT/AZ=55.6 -37.0
fwAVG=1.75
sdW=84.4
fwW=1.82
sdS=701.6
fwS=1.74
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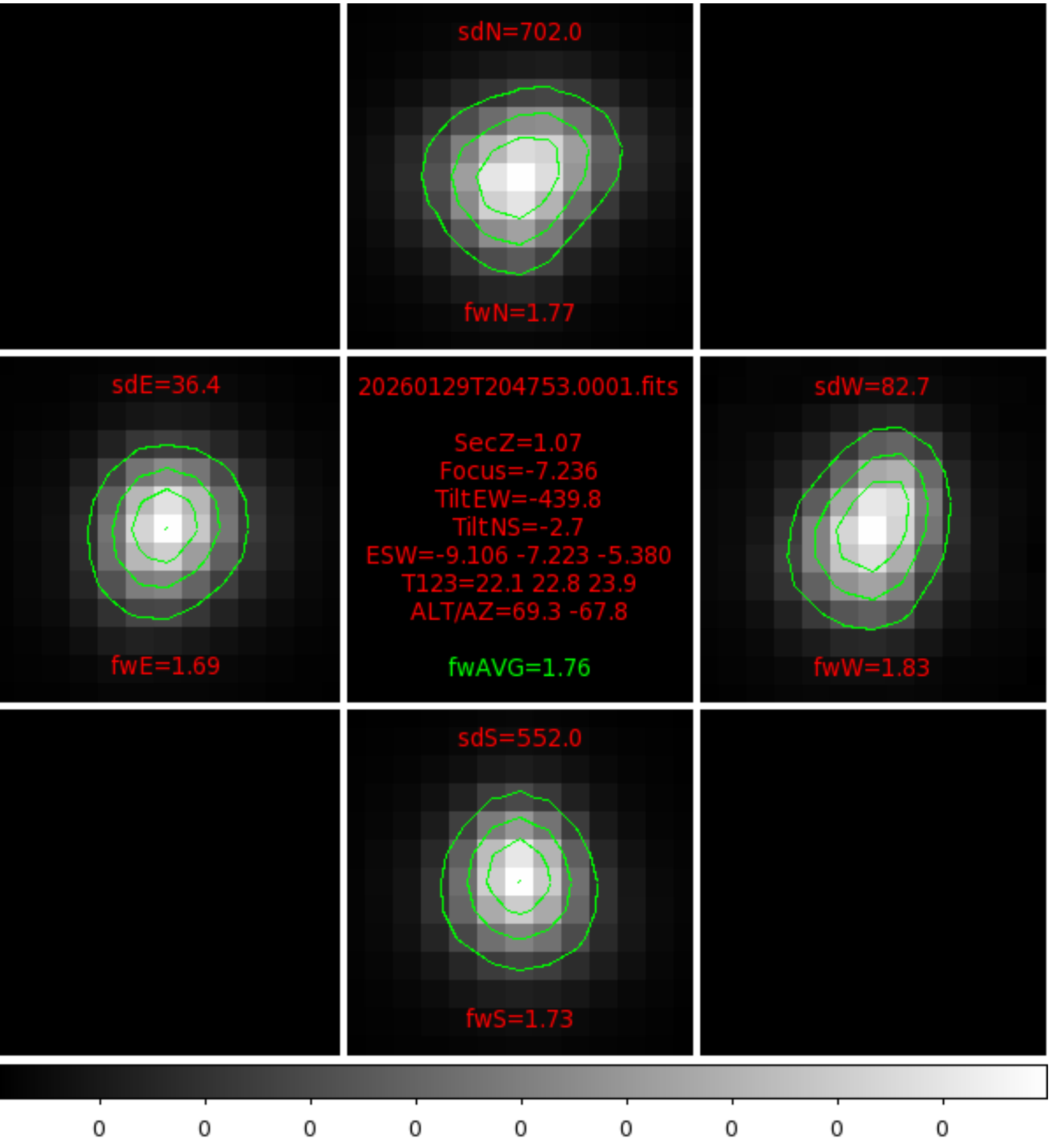
sdN=702.0
fwN=1.77
sdE=36.4
fwE=1.69
20260129T204753.0001.fits
SecZ=1.07
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=22.1 22.8 23.9
ALT/AZ=69.3 -67.8
fwAVG=1.76
sdW=82.7
fwW=1.83
sdS=552.0
fwS=1.73
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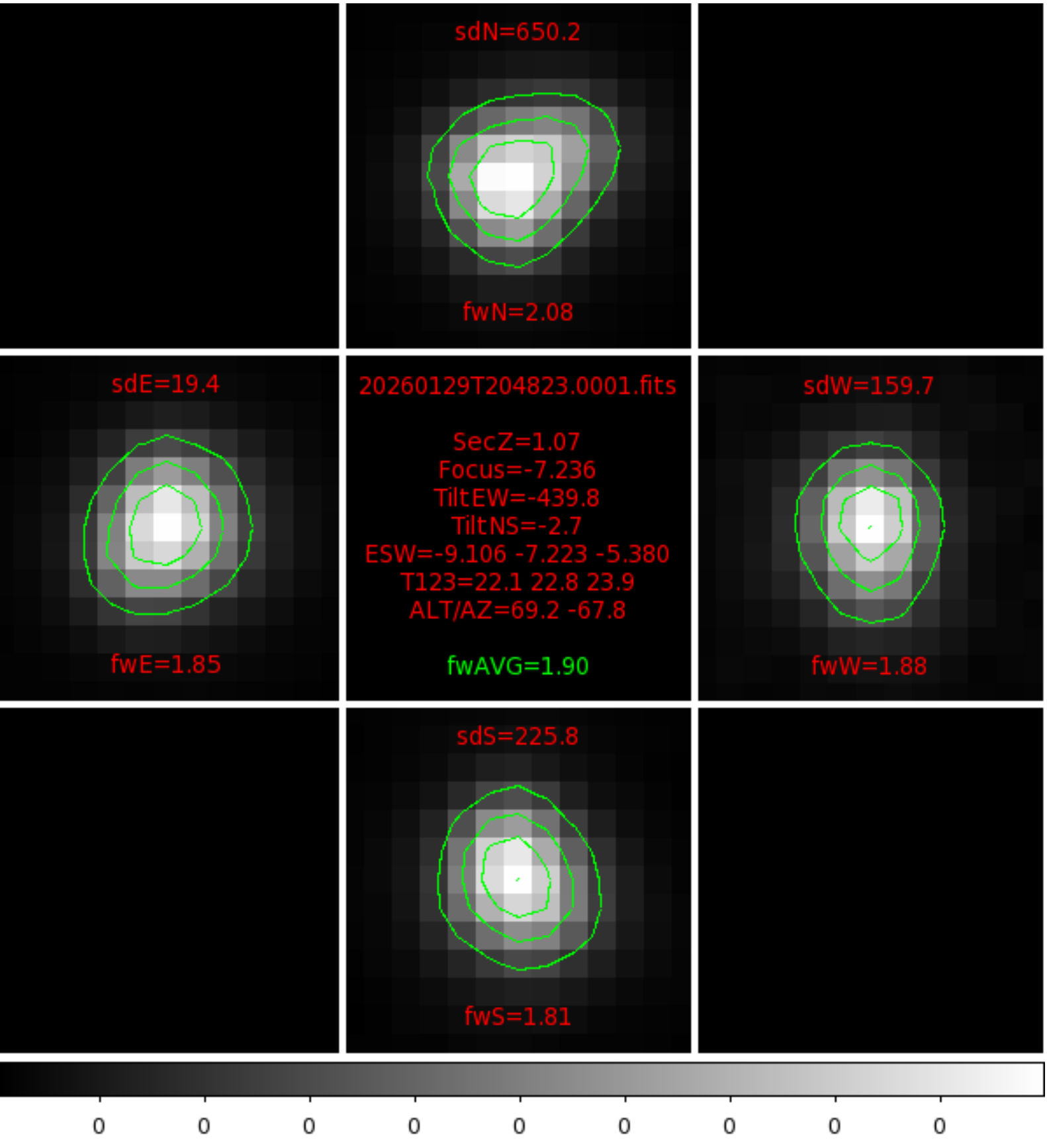
sdN=650.2
fwN=2.08
sdE=19.4
fwE=1.85
20260129T204823.0001.fits
SecZ=1.07
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=22.1 22.8 23.9
ALT/AZ=69.2 -67.8
fwAVG=1.90
sdW=159.7
fwW=1.88
sdS=225.8
fwS=1.81
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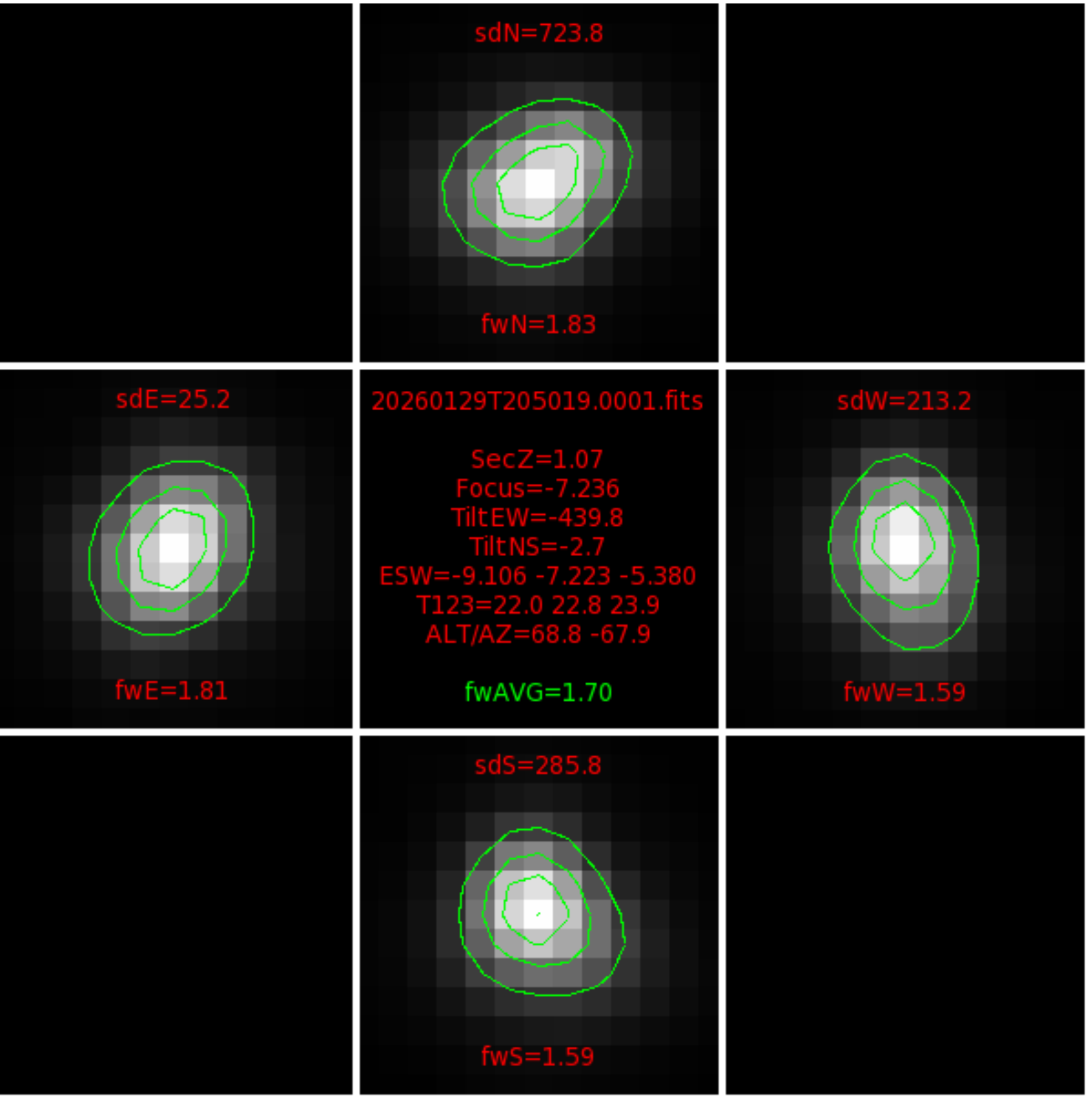
sdN=723.8
fwN=1.83
sdE=25.2
fwE=1.81
20260129T205019.0001.fits
SecZ=1.07
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=22.0 22.8 23.9
ALT/AZ=68.8 -67.9
fwAVG=1.70
sdW=213.2
fwW=1.59
sdS=285.8
fwS=1.59
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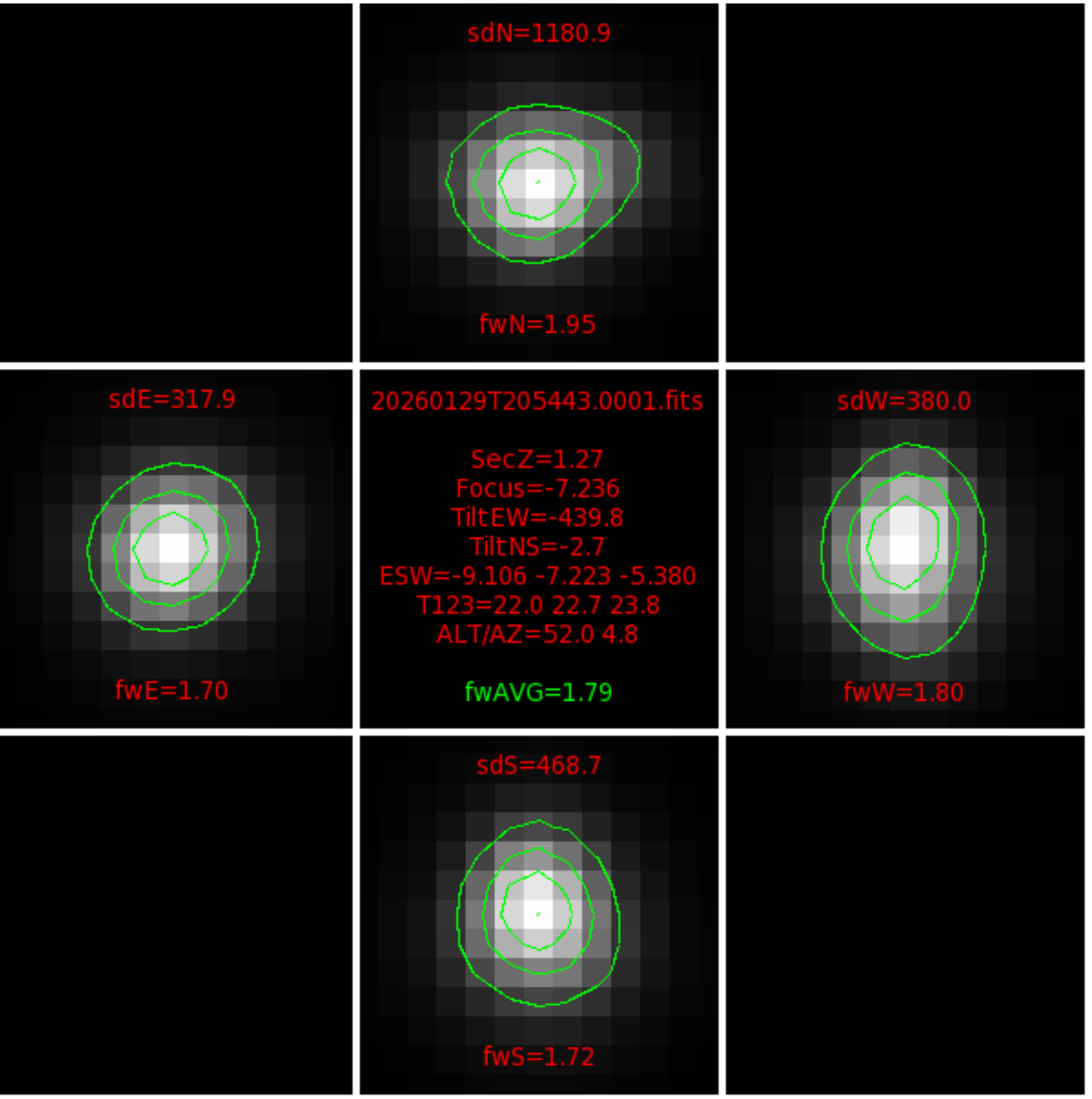
sdN=1180.9
fwN=1.95
sdE=317.9
fwE=1.70
20260129T205443.0001.fits
SecZ=1.27
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=22.0 22.7 23.8
ALT/AZ=52.0 4.8
fwAVG=1.79
sdW=380.0
fwW=1.80
sdS=468.7
fwS=1.72
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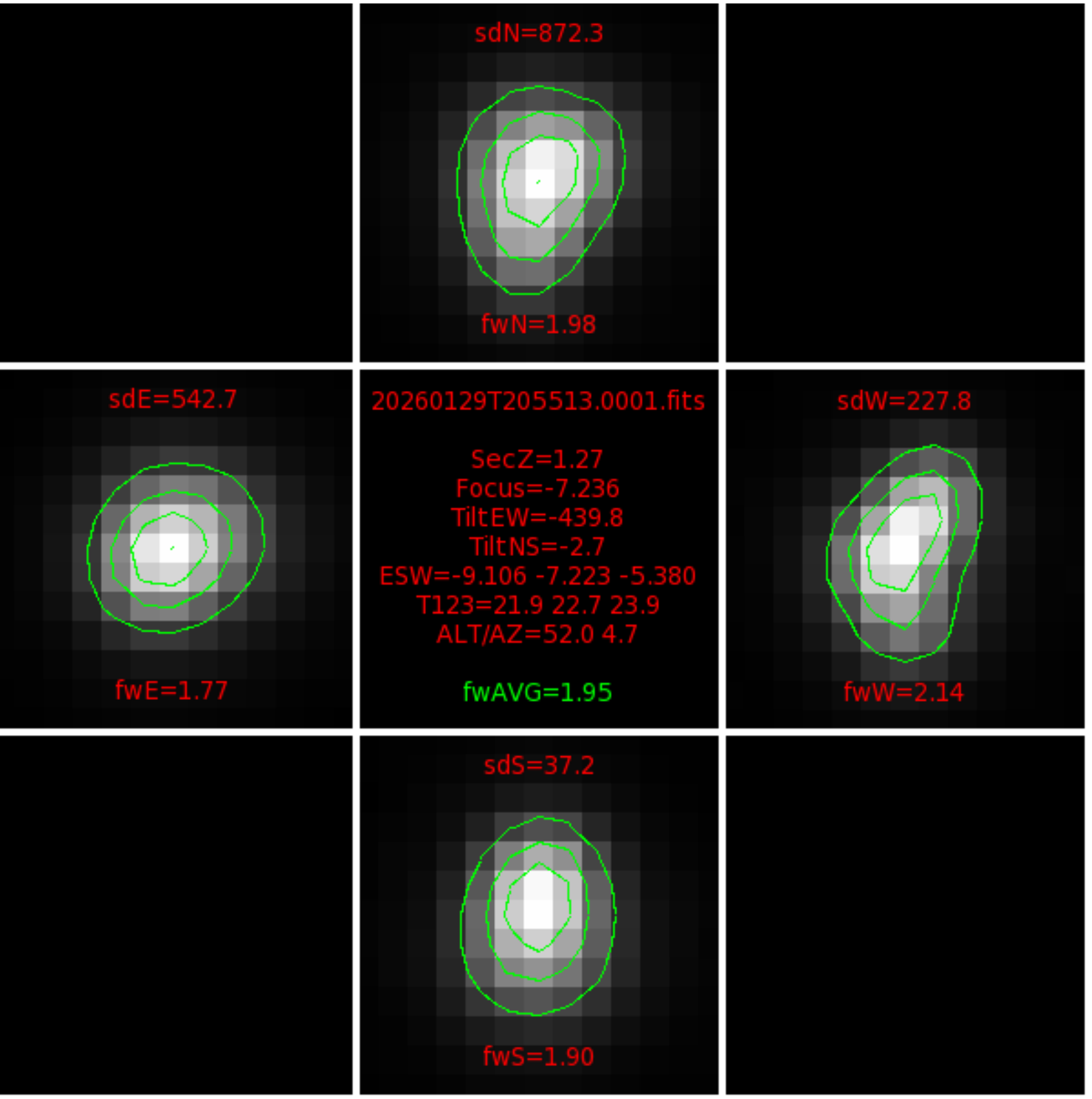
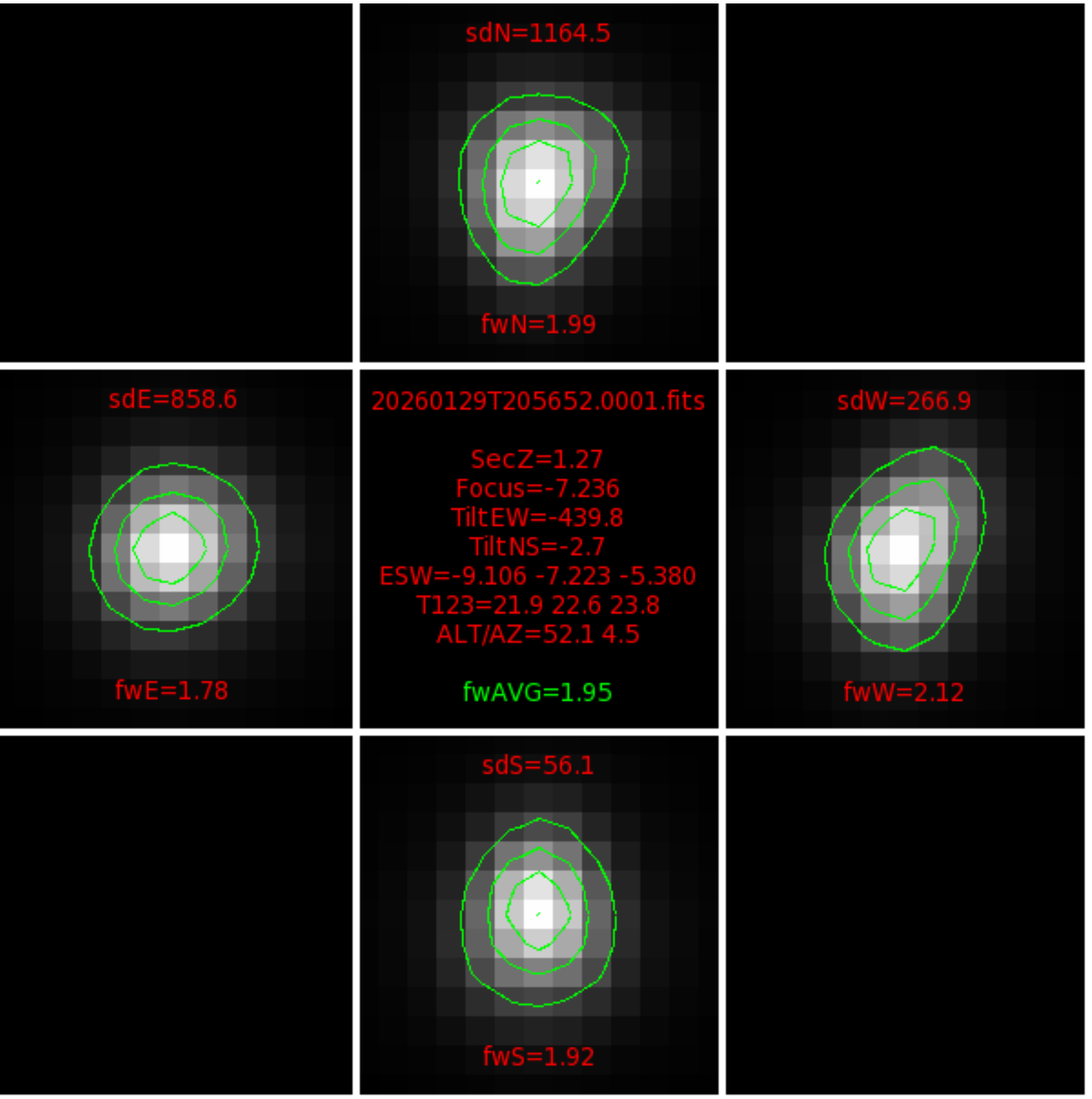

sdN=872.3
fwN=1.98
sdE=542.7
fwE=1.77
20260129T205513.0001.fits
SecZ=1.27
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=21.9 22.7 23.9
ALT/AZ=52.0 4.7
fwAVG=1.95
sdW=227.8
fwW=2.14
sdS=37.2
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=1164.5
fwN=1.99
sdE=858.6
fwE=1.78
20260129T205652.0001.fits
SecZ=1.27
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=21.9 22.6 23.8
ALT/AZ=52.1 4.5
fwAVG=1.95
sdW=266.9
fwW=2.12
sdS=56.1
fwS=1.92
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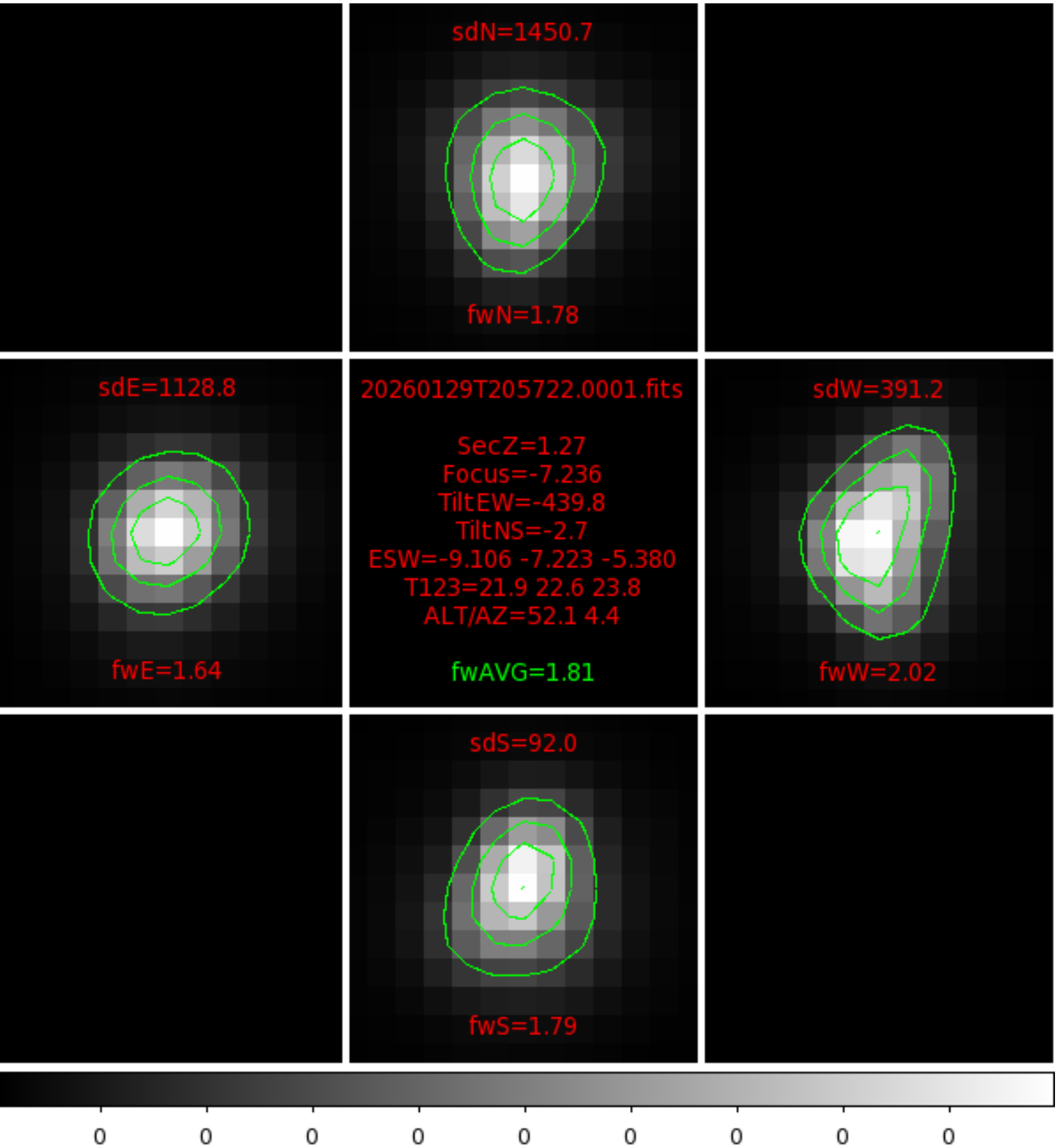
sdN=1450.7
fwN=1.78
sdE=1128.8
fwE=1.64
20260129T205722.0001.fits
SecZ=1.27
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=21.9 22.6 23.8
ALT/AZ=52.1 4.4
fwAVG=1.81
sdW=391.2
fwW=2.02
sdS=92.0
fwS=1.79
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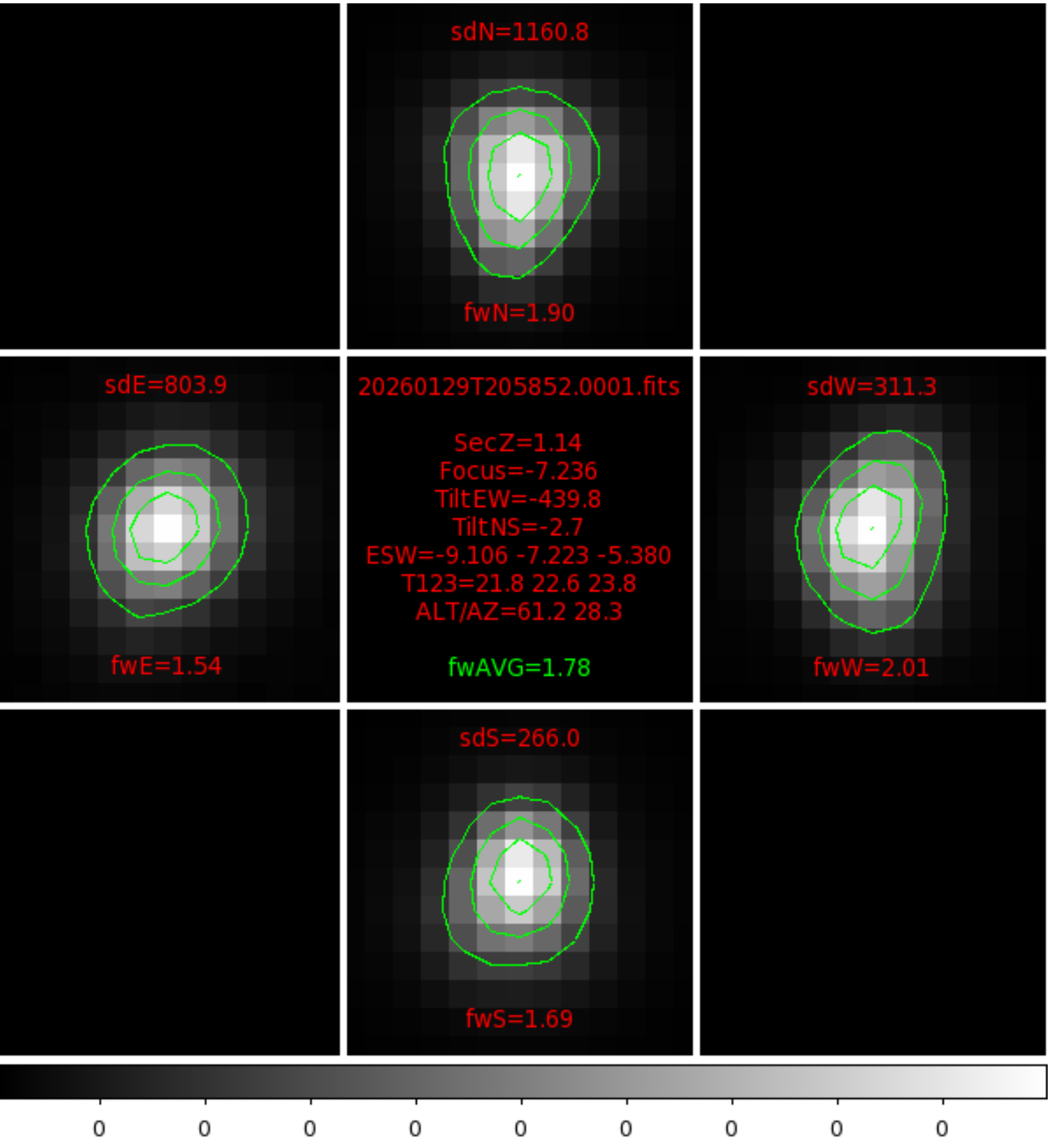
sdN=1160.8
fwN=1.90
sdE=803.9
fwE=1.54
20260129T205852.0001.fits
SecZ=1.14
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=21.8 22.6 23.8
ALT/AZ=61.2 28.3
fwAVG=1.78
sdW=311.3
fwW=2.01
sdS=266.0
fwS=1.69
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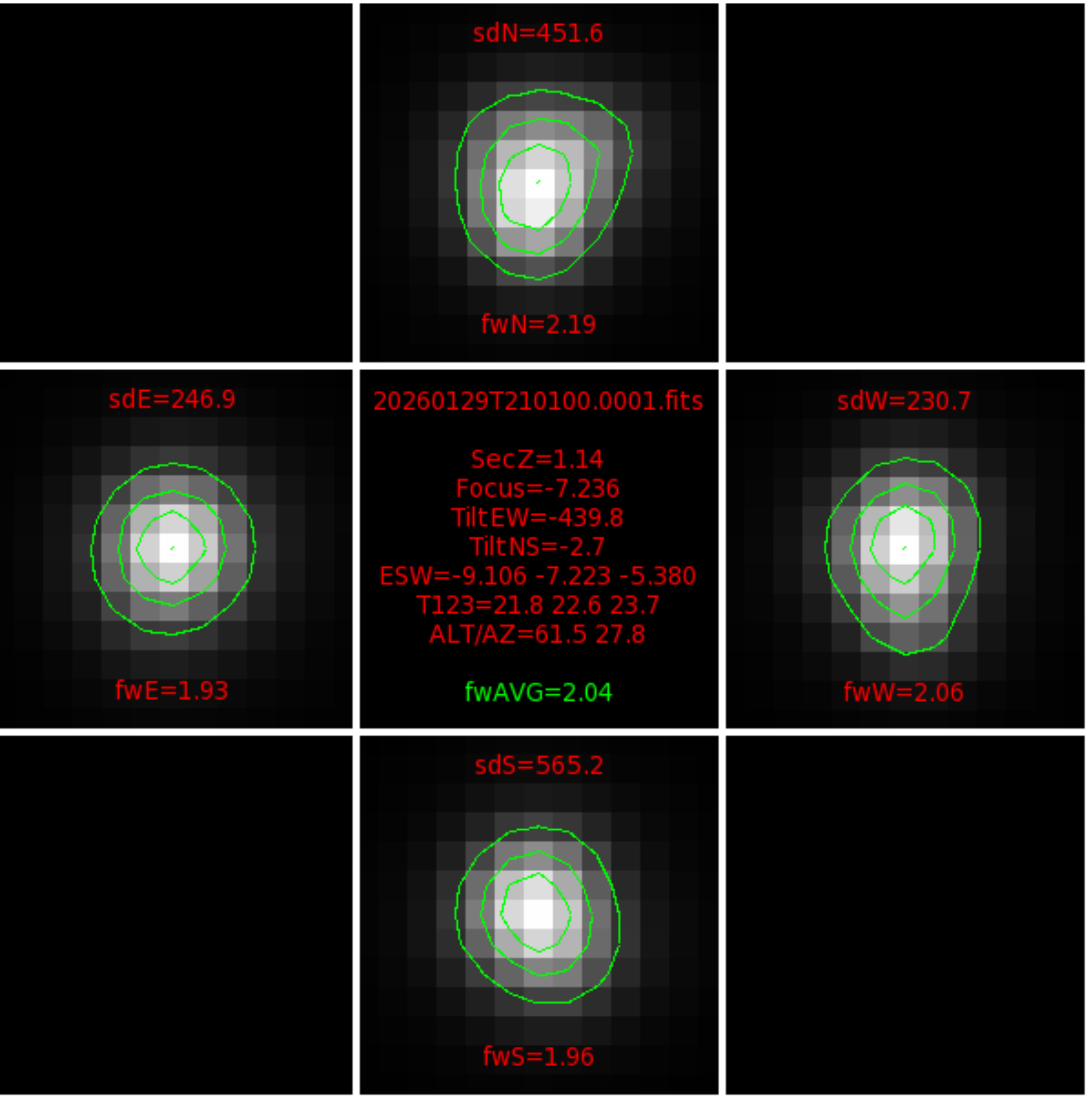
sdN=451.6
fwN=2.19
sdE=246.9
fwE=1.93
20260129T210100.0001.fits
SecZ=1.14
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=21.8 22.6 23.7
ALT/AZ=61.5 27.8
fwAVG=2.04
sdW=230.7
fwW=2.06
sdS=565.2
fwS=1.96
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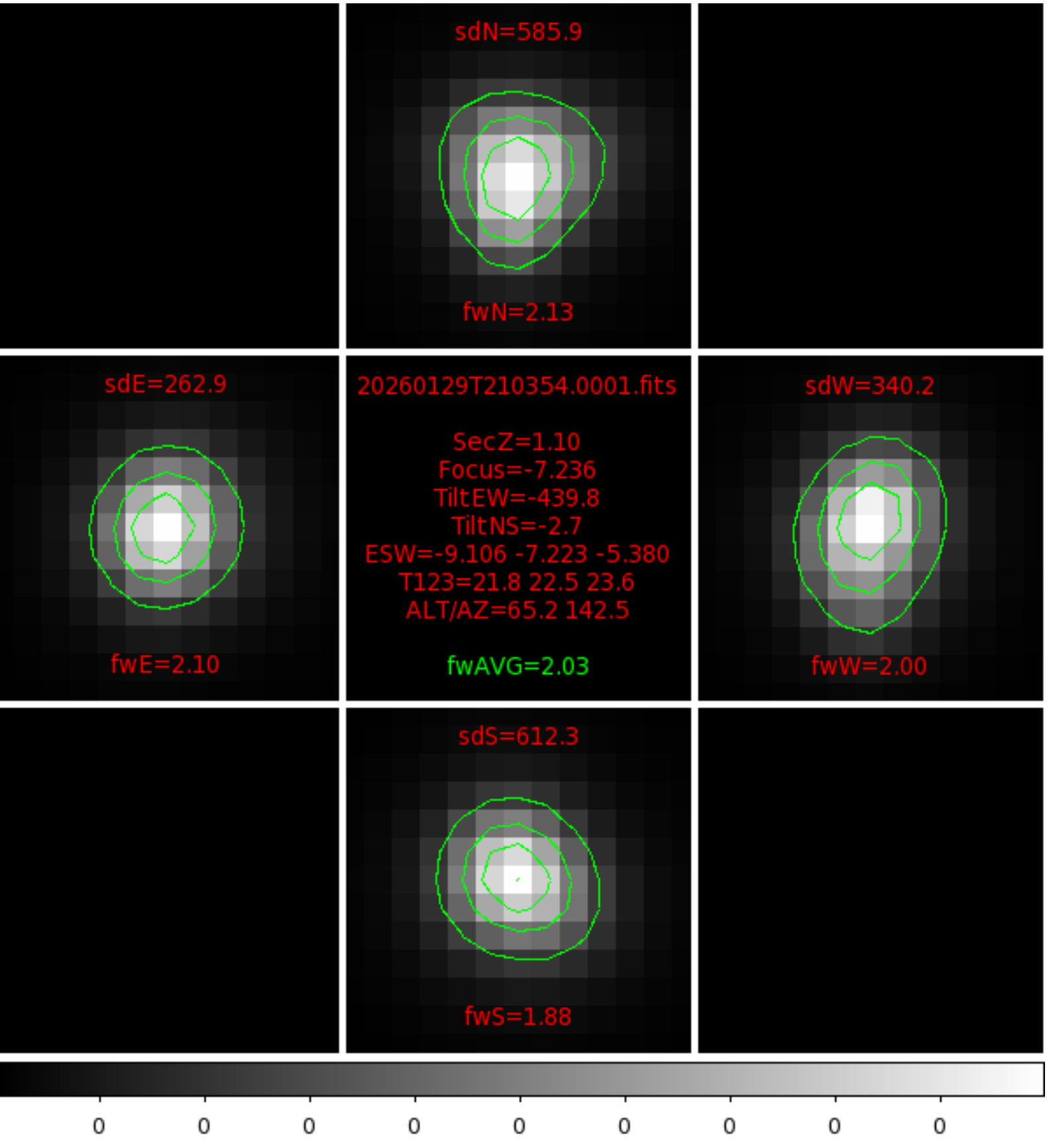
sdN=585.9
fwN=2.13
sdE=262.9
fwE=2.10
20260129T210354.0001.fits
SecZ=1.10
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=21.8 22.5 23.6
ALT/AZ=65.2 142.5
fwAVG=2.03
sdW=340.2
fwW=2.00
sdS=612.3
fwS=1.88
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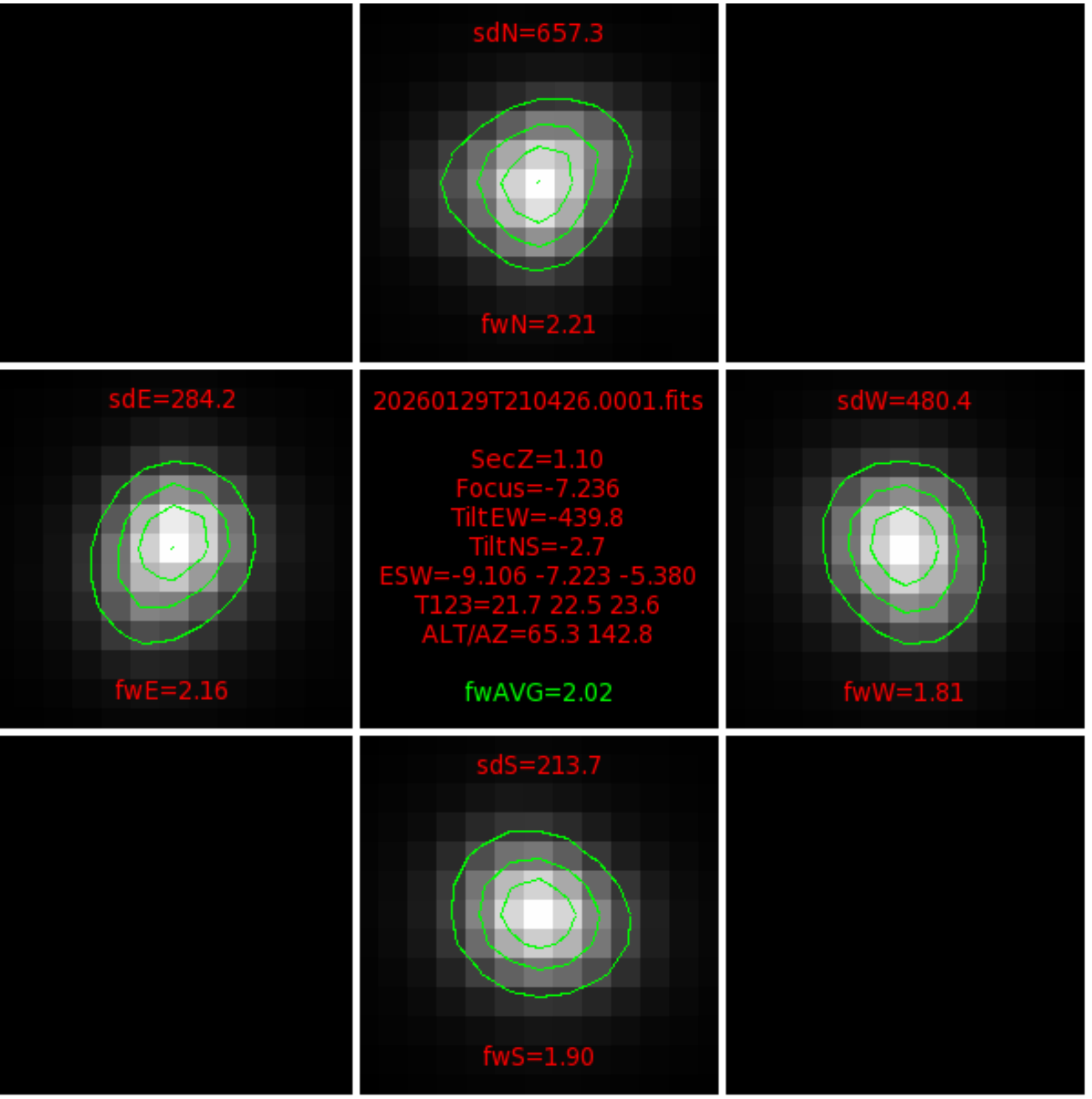
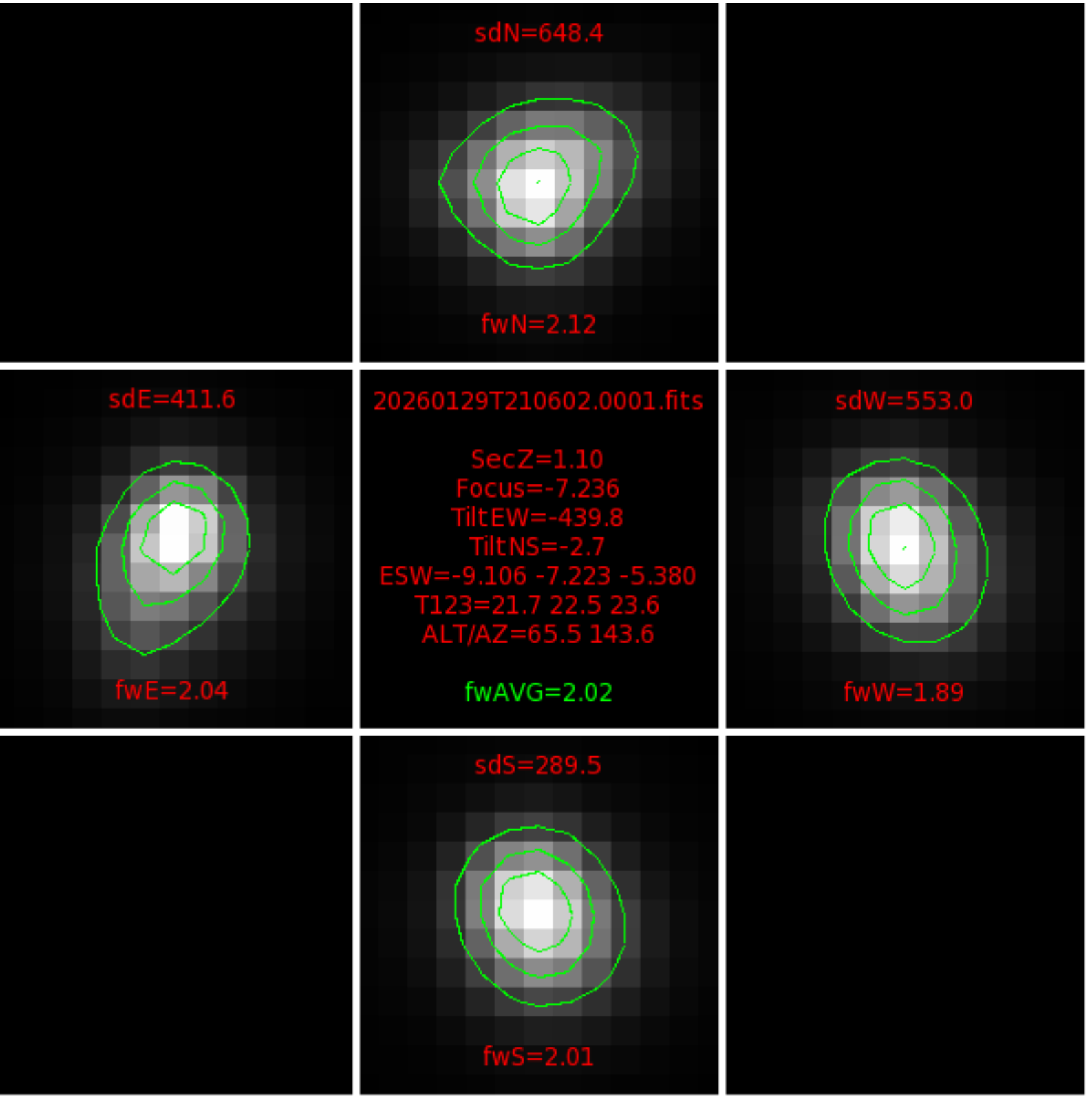
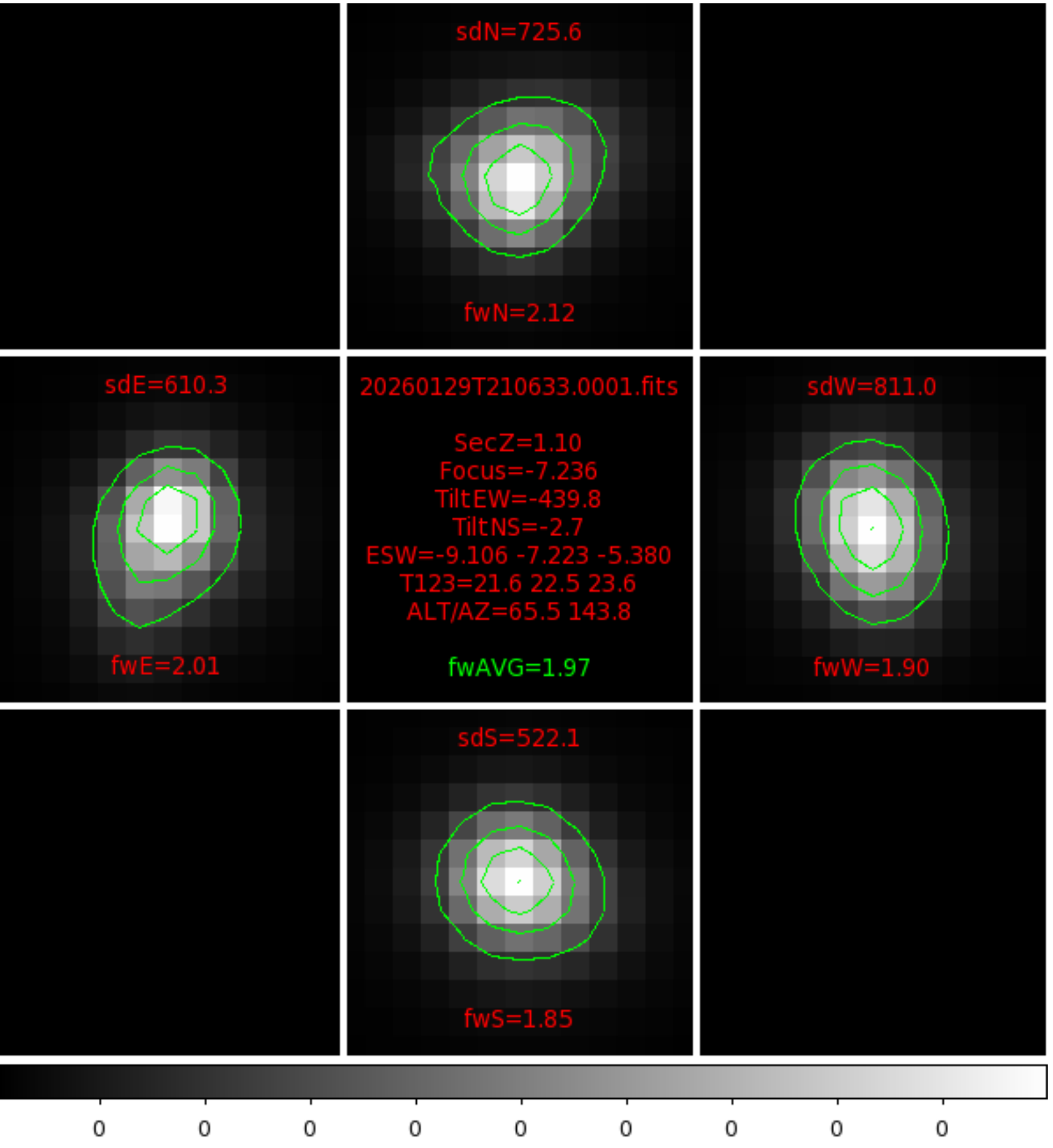
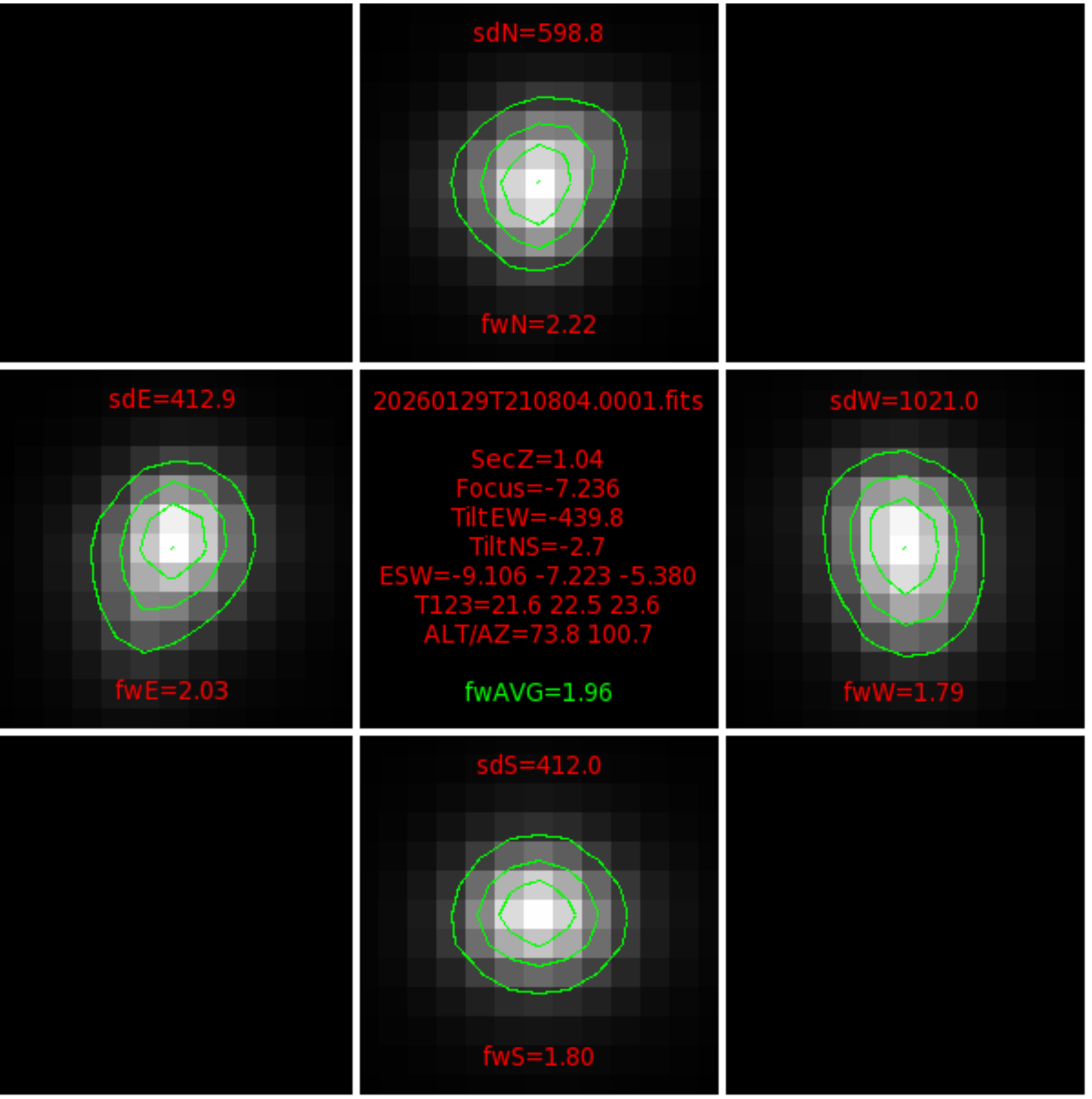
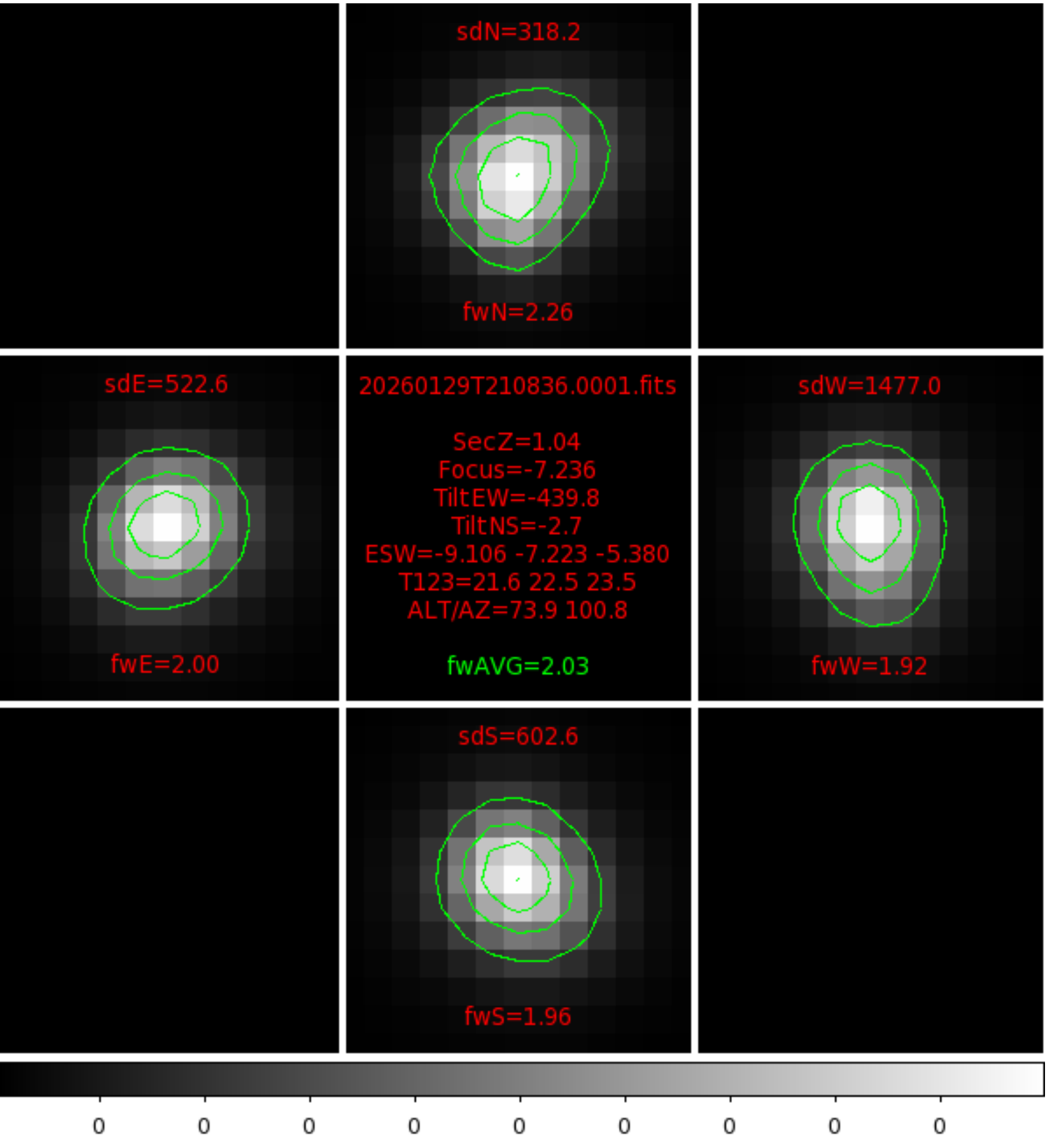
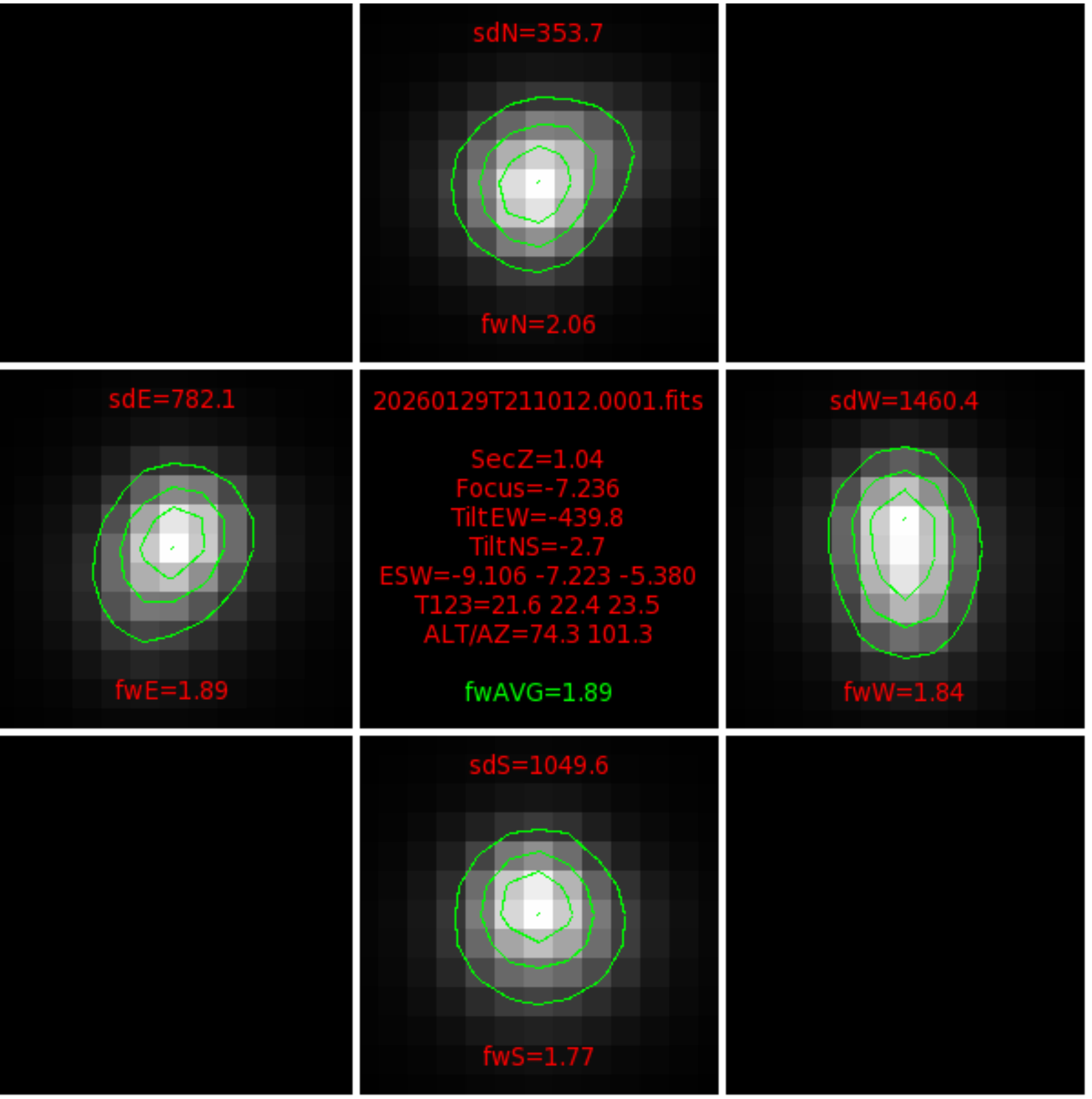

sdN=657.3
fwN=2.21
sdE=284.2
fwE=2.16
20260129T210426.0001.fits
SecZ=1.10
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=21.7 22.5 23.6
ALT/AZ=65.3 142.8
fwAVG=2.02
sdW=480.4
fwW=1.81
sdS=213.7
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=648.4
fwN=2.12
sdE=411.6
fwE=2.04
20260129T210602.0001.fits
SecZ=1.10
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=21.7 22.5 23.6
ALT/AZ=65.5 143.6
fwAVG=2.02
sdW=553.0
fwW=1.89
sdS=289.5
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=725.6
fwN=2.12
sdE=610.3
fwE=2.01
20260129T210633.0001.fits
SecZ=1.10
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=21.6 22.5 23.6
ALT/AZ=65.5 143.8
fwAVG=1.97
sdW=811.0
fwW=1.90
sdS=522.1
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=598.8
fwN=2.22
sdE=412.9
fwE=2.03
20260129T210804.0001.fits
SecZ=1.04
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=21.6 22.5 23.6
ALT/AZ=73.8 100.7
fwAVG=1.96
sdW=1021.0
fwW=1.79
sdS=412.0
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=318.2
fwN=2.26
sdE=522.6
fwE=2.00
20260129T210836.0001.fits
SecZ=1.04
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=21.6 22.5 23.5
ALT/AZ=73.9 100.8
fwAVG=2.03
sdW=1477.0
fwW=1.92
sdS=602.6
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=353.7
fwN=2.06
sdE=782.1
fwE=1.89
20260129T211012.0001.fits
SecZ=1.04
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=21.6 22.4 23.5
ALT/AZ=74.3 101.3
fwAVG=1.89
sdW=1460.4
fwW=1.84
sdS=1049.6
fwS=1.77
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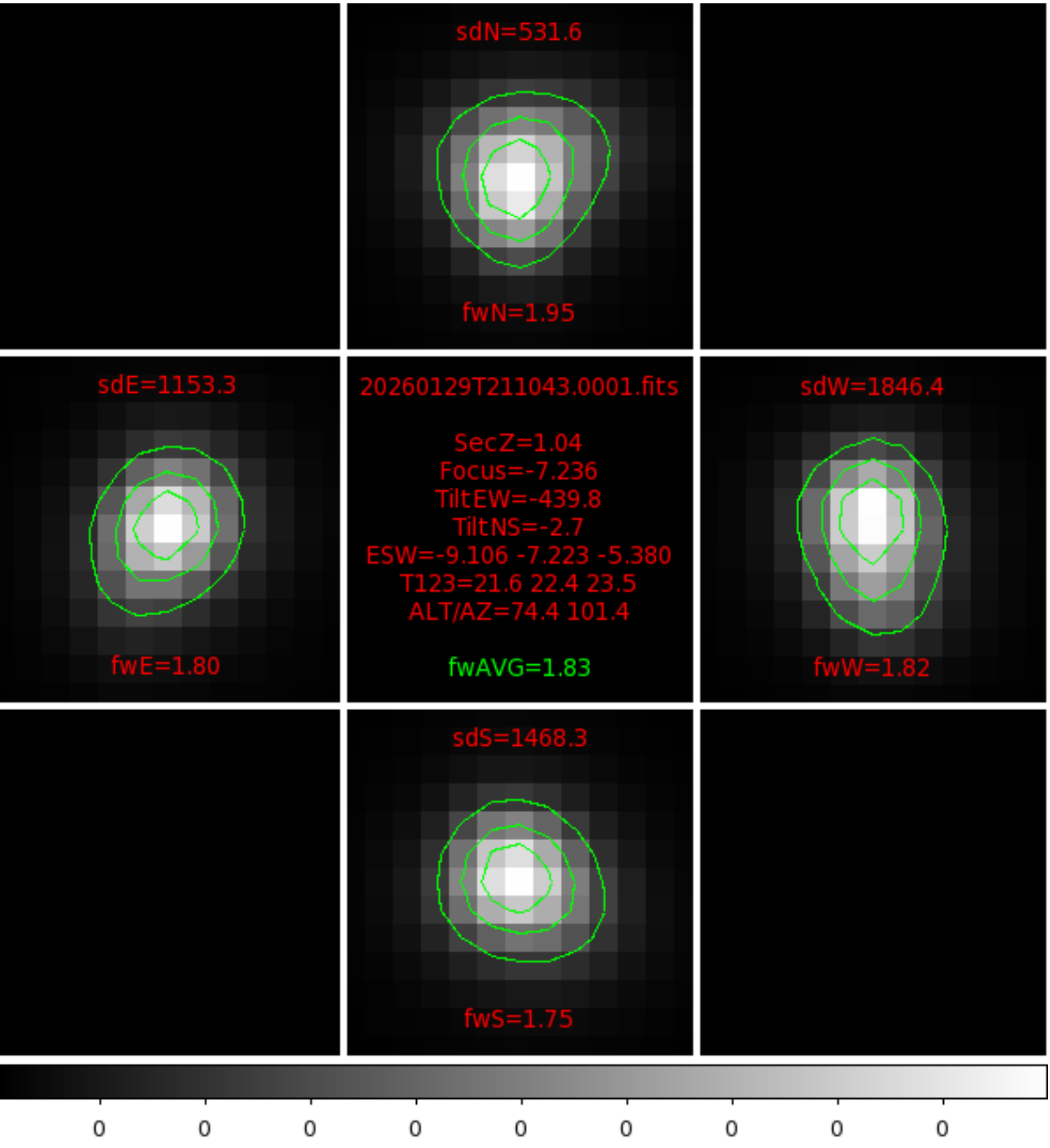
sdN=531.6
fwN=1.95
sdE=1153.3
fwE=1.80
20260129T211043.0001.fits
SecZ=1.04
Focus=-7.236
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.106 -7.223 -5.380
T123=21.6 22.4 23.5
ALT/AZ=74.4 101.4
fwAVG=1.83
sdW=1846.4
fwW=1.82
sdS=1468.3
fwS=1.75
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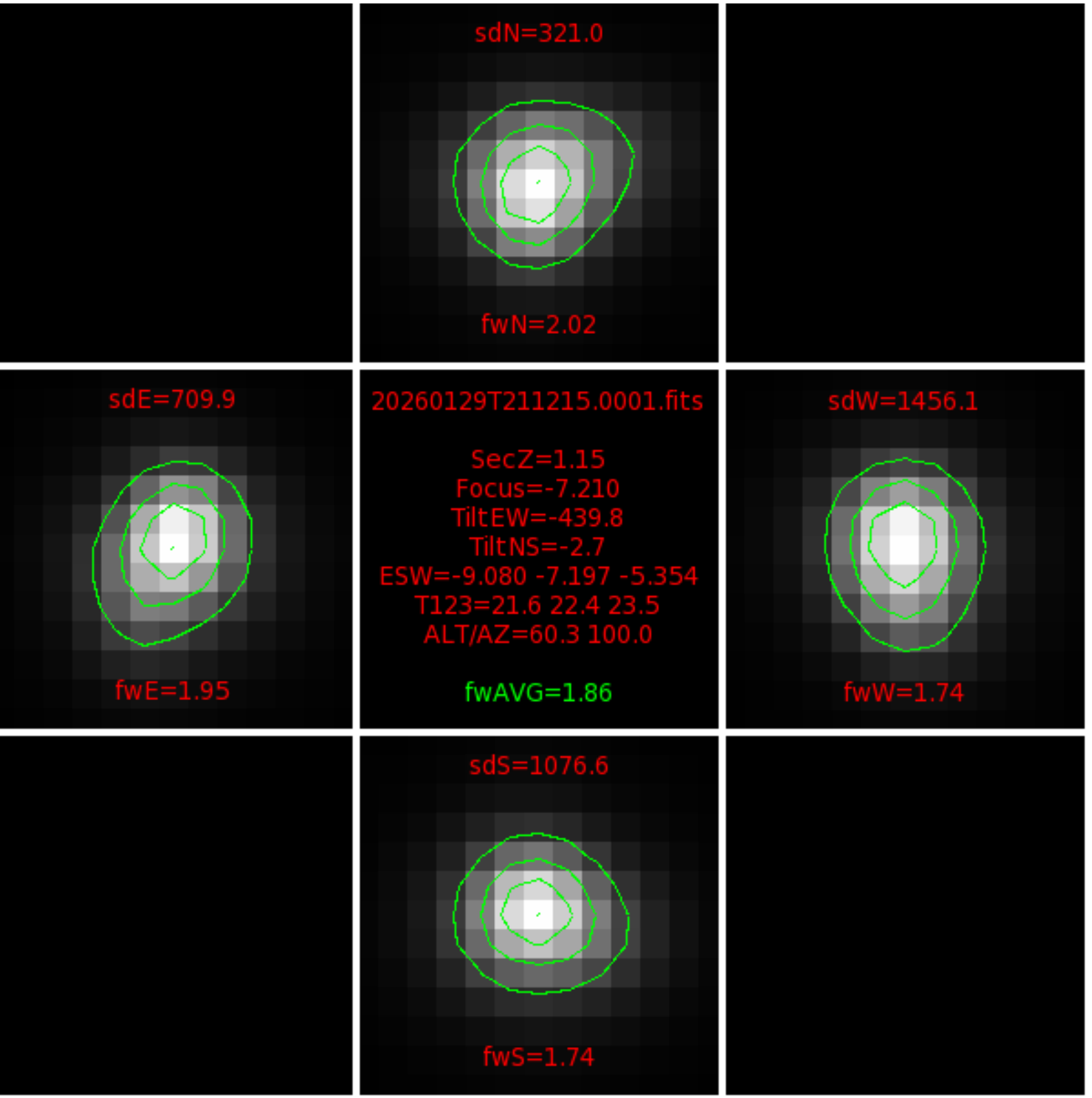
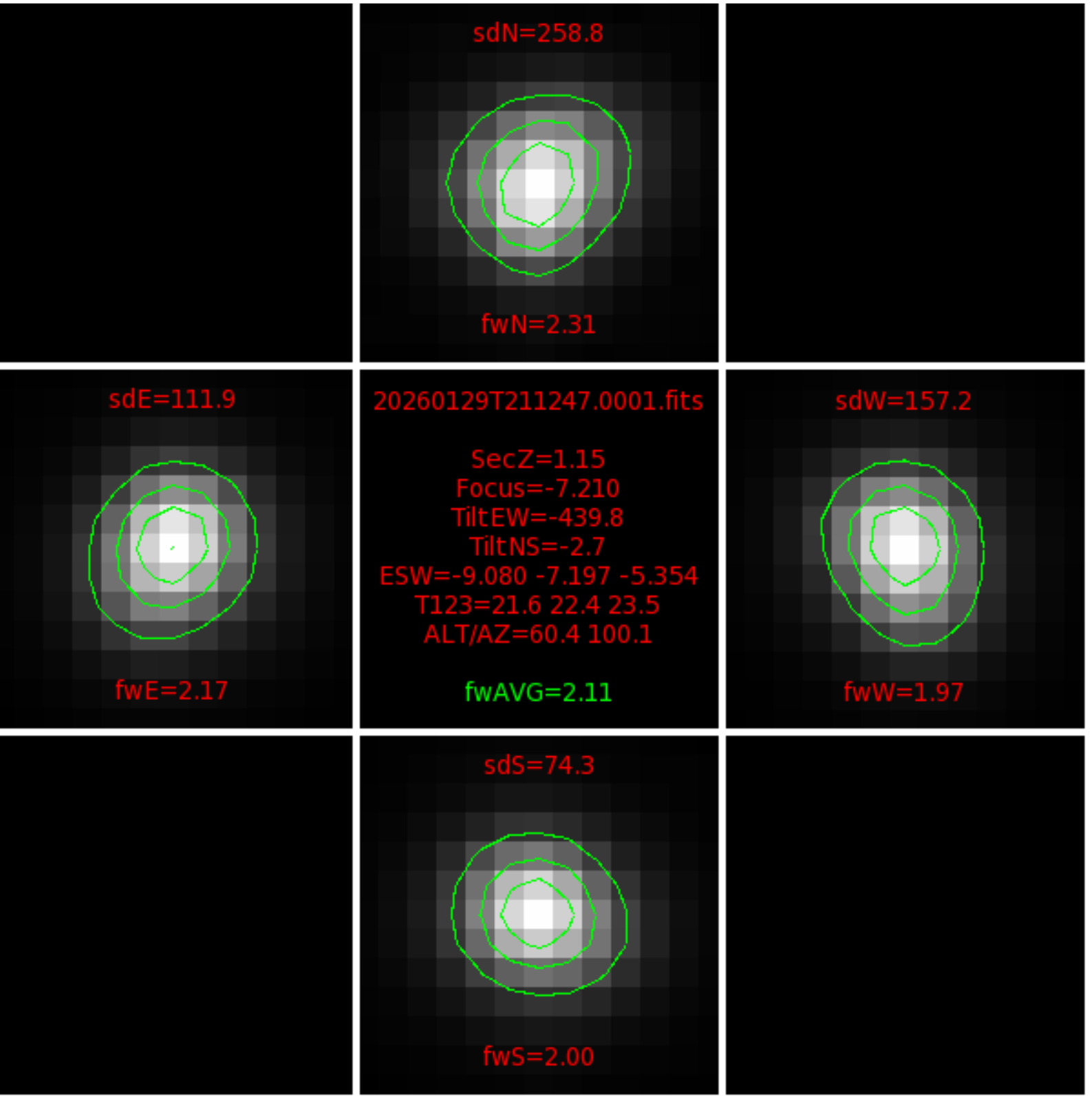

sdN=321.0
fwN=2.02
sdE=709.9
fwE=1.95
20260129T211215.0001.fits
SecZ=1.15
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.6 22.4 23.5
ALT/AZ=60.3 100.0
fwAVG=1.86
sdW=1456.1
fwW=1.74
sdS=1076.6
fwS=1.74
0 0 0 0 0 0 0 0 0


sdN=258.8
fwN=2.31
sdE=111.9
fwE=2.17
20260129T211247.0001.fits
SecZ=1.15
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.6 22.4 23.5
ALT/AZ=60.4 100.1
fwAVG=2.11
sdW=157.2
fwW=1.97
sdS=74.3
fwS=2.00
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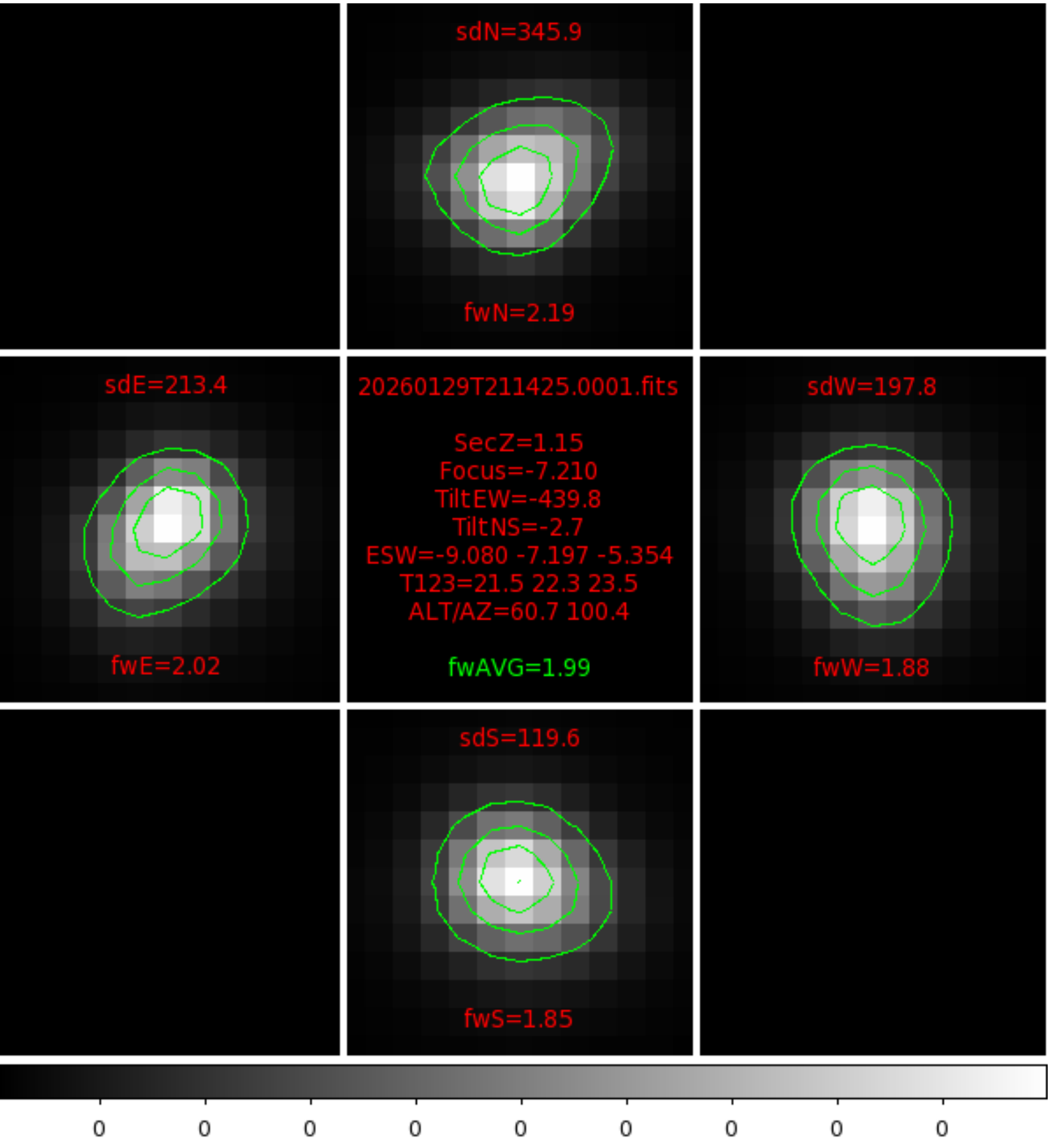
sdN=345.9
fwN=2.19
sdE=213.4
fwE=2.02
20260129T211425.0001.fits
SecZ=1.15
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.5 22.3 23.5
ALT/AZ=60.7 100.4
fwAVG=1.99
sdW=197.8
fwW=1.88
sdS=119.6
fwS=1.85
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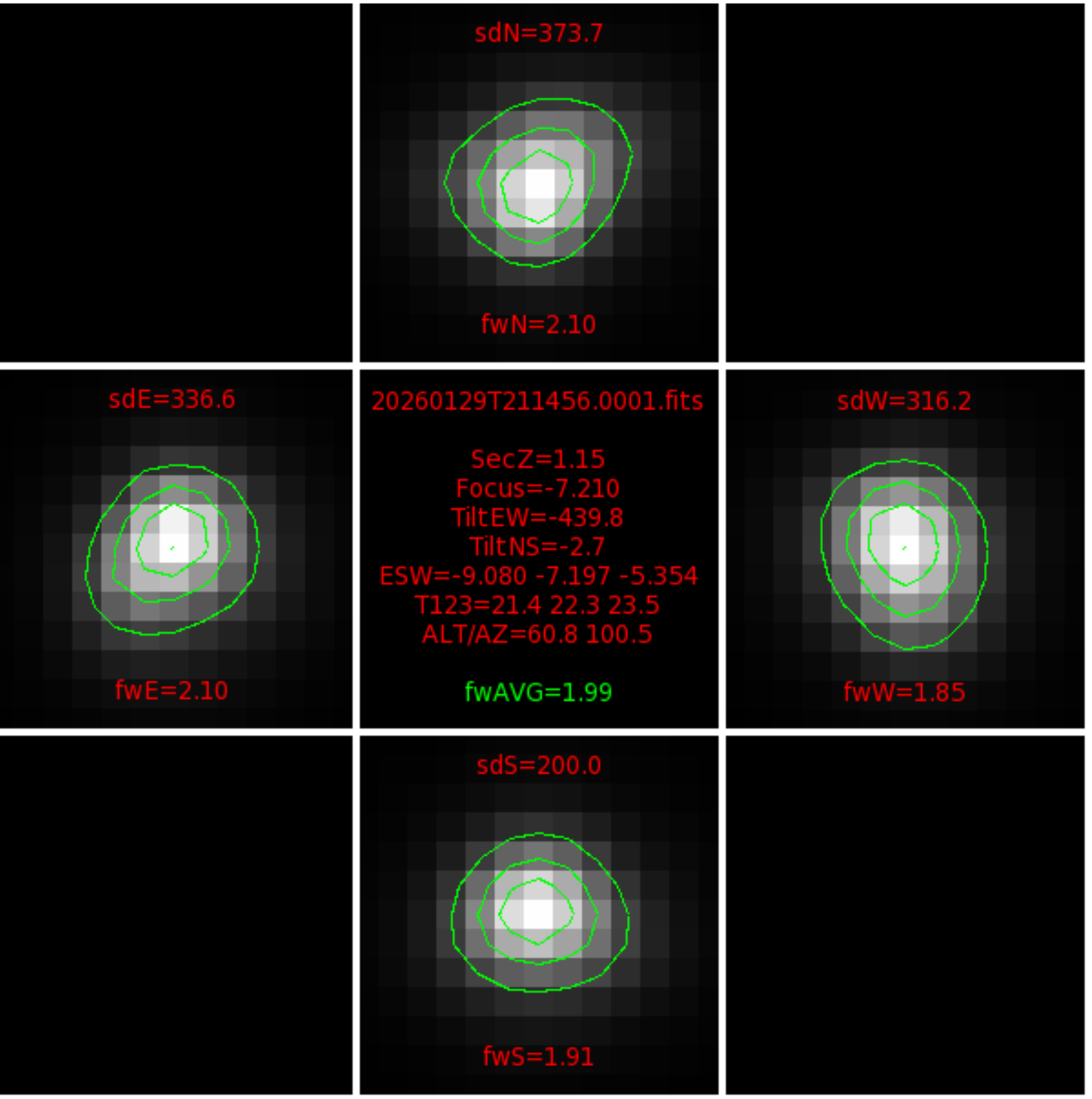
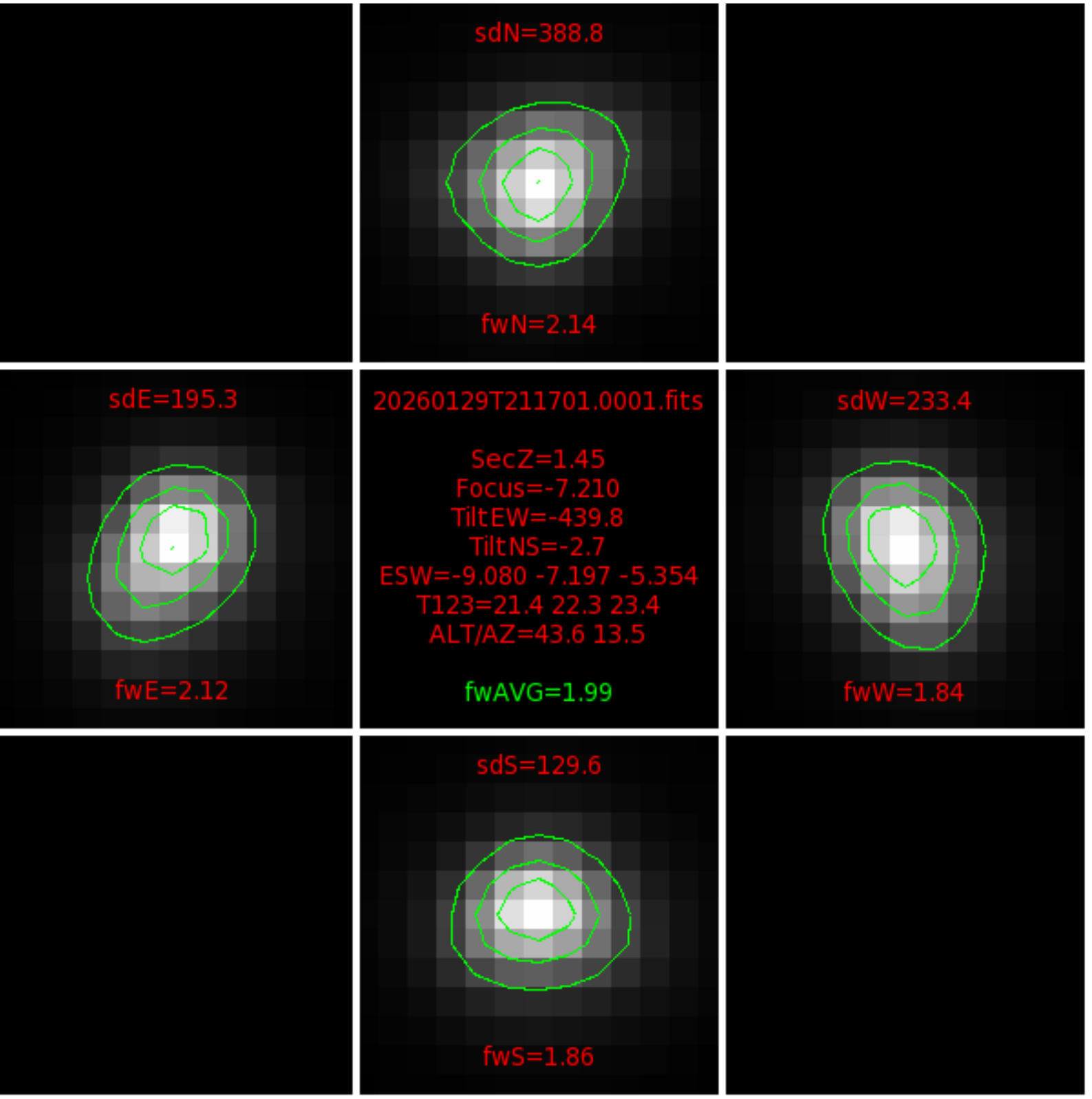
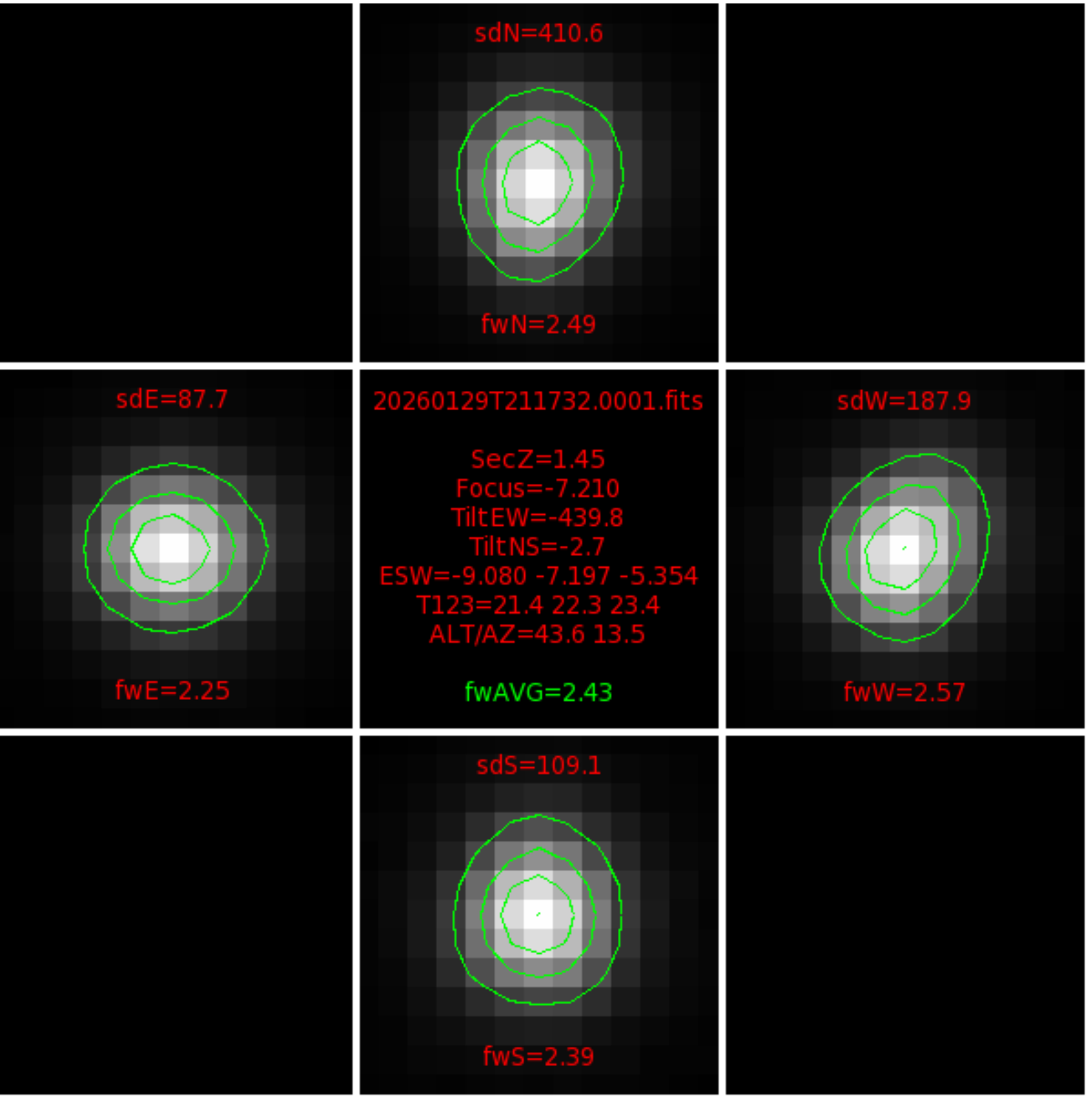

sdN=373.7
fwN=2.10
sdE=336.6
fwE=2.10
20260129T211456.0001.fits
SecZ=1.15
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.4 22.3 23.5
ALT/AZ=60.8 100.5
fwAVG=1.99
sdW=316.2
fwW=1.85
sdS=200.0
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=388.8
fwN=2.14
sdE=195.3
fwE=2.12
20260129T211701.0001.fits
SecZ=1.45
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.4 22.3 23.4
ALT/AZ=43.6 13.5
fwAVG=1.99
sdW=233.4
fwW=1.84
sdS=129.6
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=410.6
fwN=2.49
sdE=87.7
fwE=2.25
20260129T211732.0001.fits
SecZ=1.45
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.4 22.3 23.4
ALT/AZ=43.6 13.5
fwAVG=2.43
sdW=187.9
fwW=2.57
sdS=109.1
fwS=2.39
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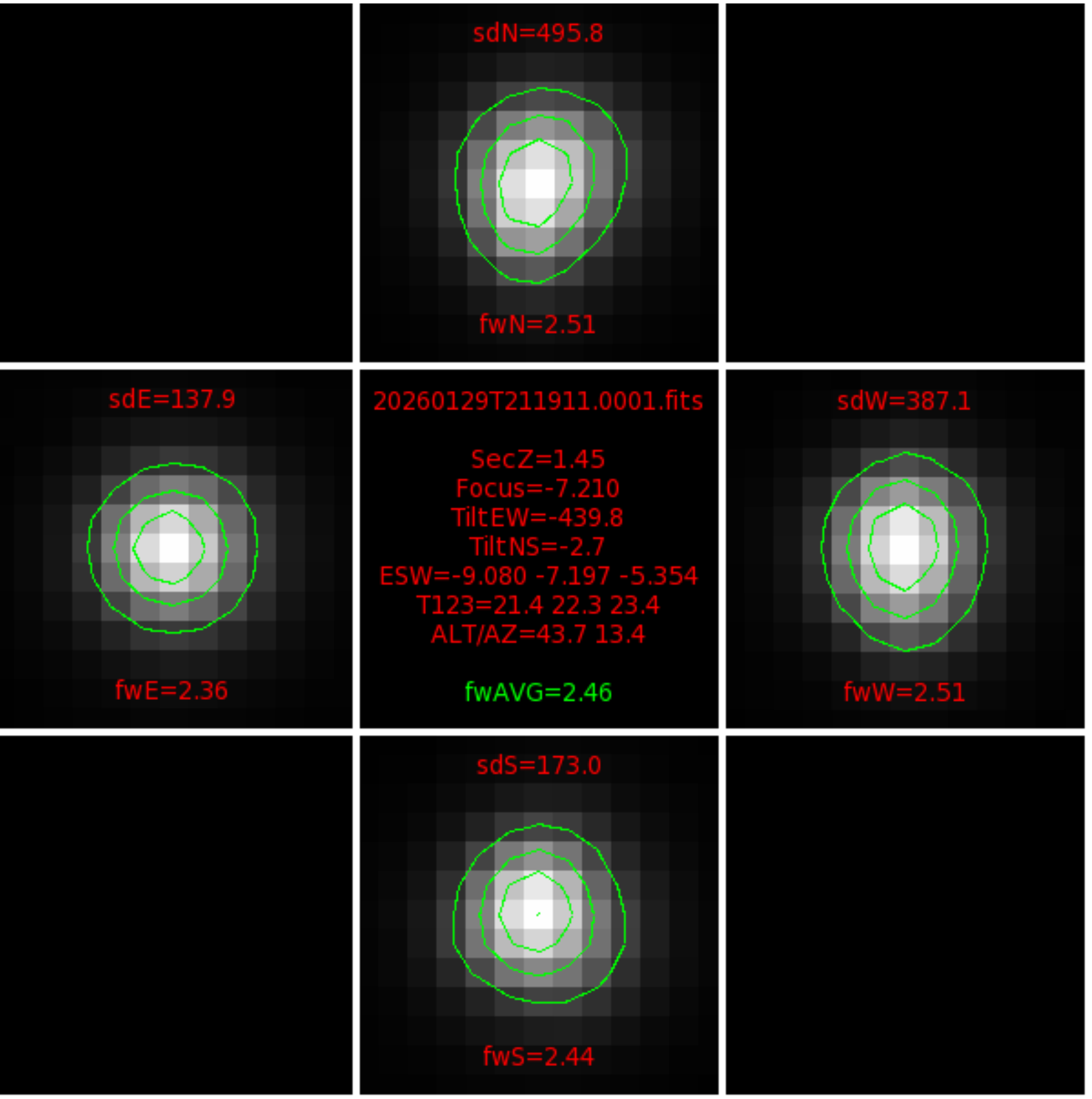
sdN=495.8
fwN=2.51
sdE=137.9
fwE=2.36
20260129T211911.0001.fits
SecZ=1.45
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.4 22.3 23.4
ALT/AZ=43.7 13.4
fwAVG=2.46
sdW=387.1
fwW=2.51
sdS=173.0
fwS=2.44
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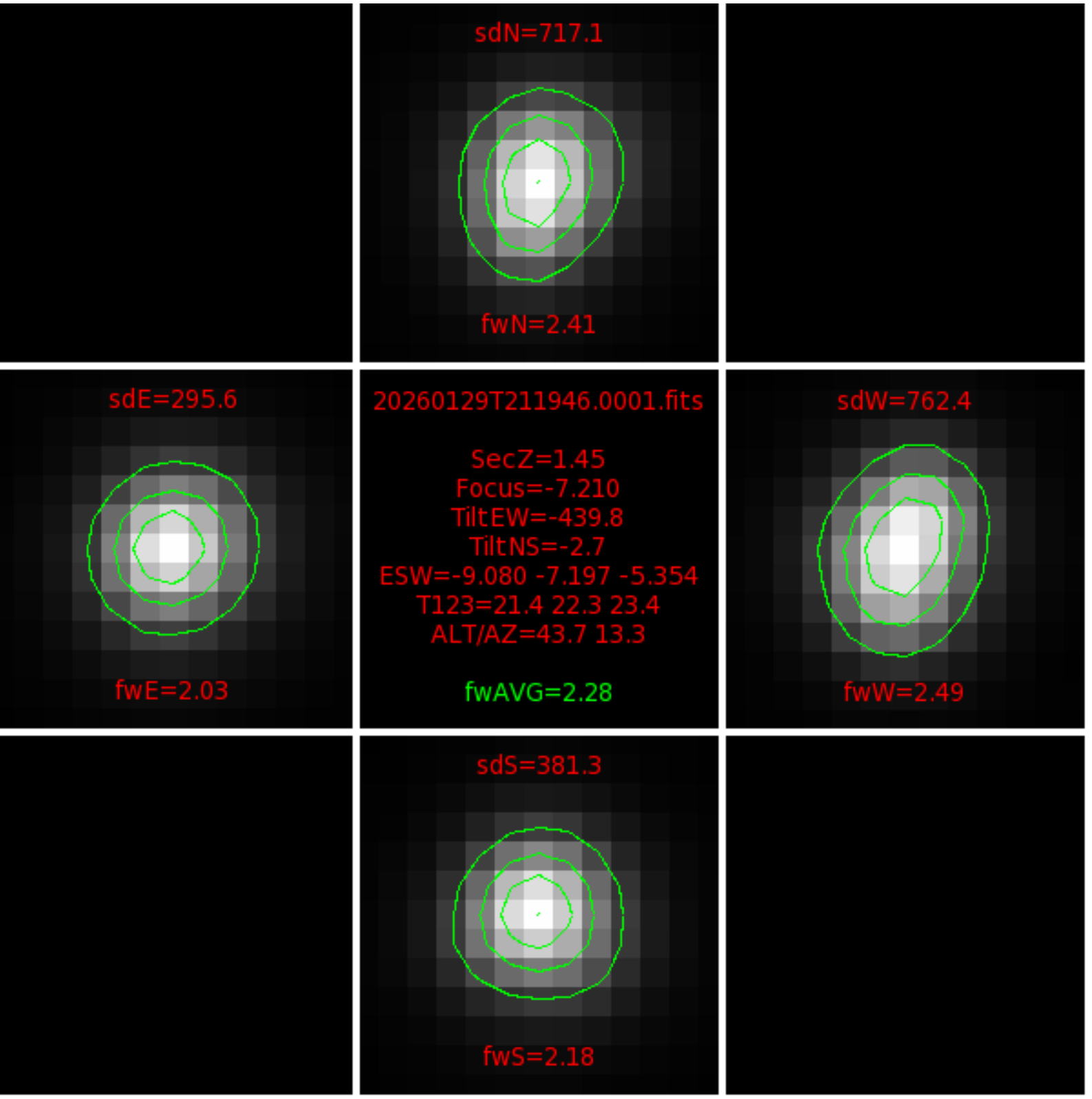
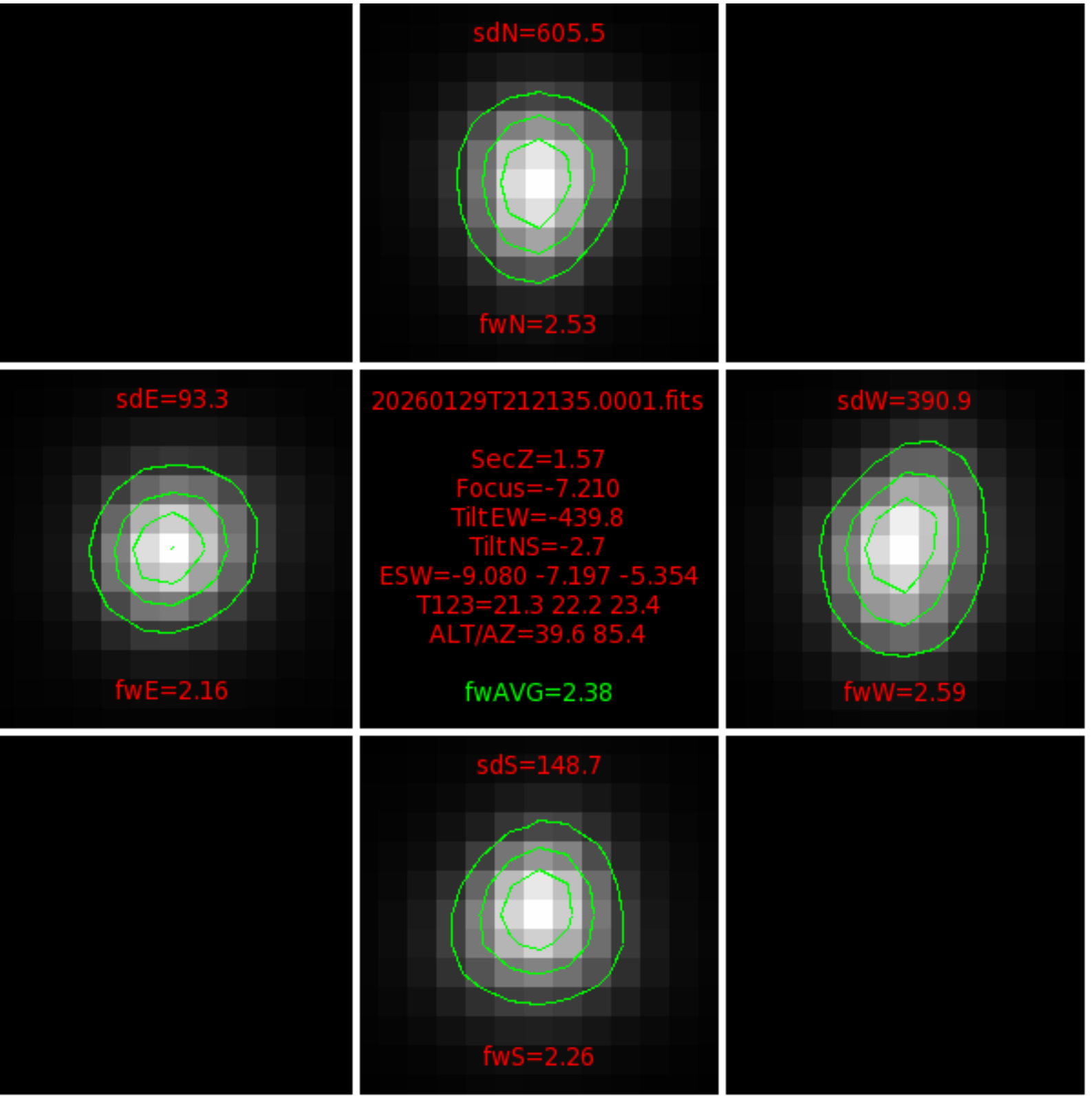

sdN=717.1
fwN=2.41
sdE=295.6
fwE=2.03
20260129T211946.0001.fits
SecZ=1.45
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.4 22.3 23.4
ALT/AZ=43.7 13.3
fwAVG=2.28
sdW=762.4
fwW=2.49
sdS=381.3
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=605.5
fwN=2.53
sdE=93.3
fwE=2.16
20260129T212135.0001.fits
SecZ=1.57
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.3 22.2 23.4
ALT/AZ=39.6 85.4
fwAVG=2.38
sdW=390.9
fwW=2.59
sdS=148.7
fwS=2.26
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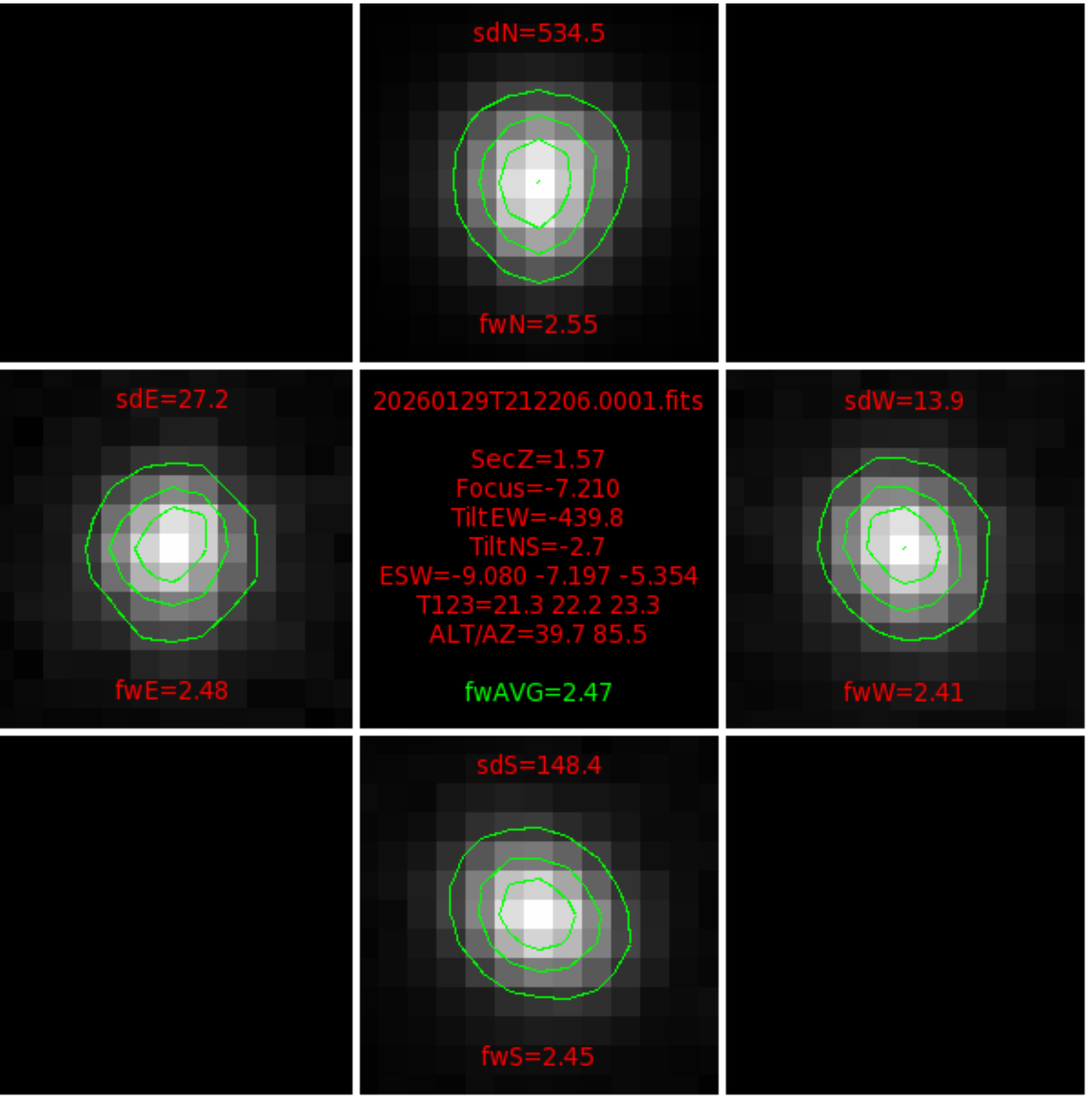
sdN=534.5
fwN=2.55
sdE=27.2
fwE=2.48
20260129T212206.0001.fits
SecZ=1.57
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.3 22.2 23.3
ALT/AZ=39.7 85.5
fwAVG=2.47
sdW=13.9
fwW=2.41
sdS=148.4
fwS=2.45
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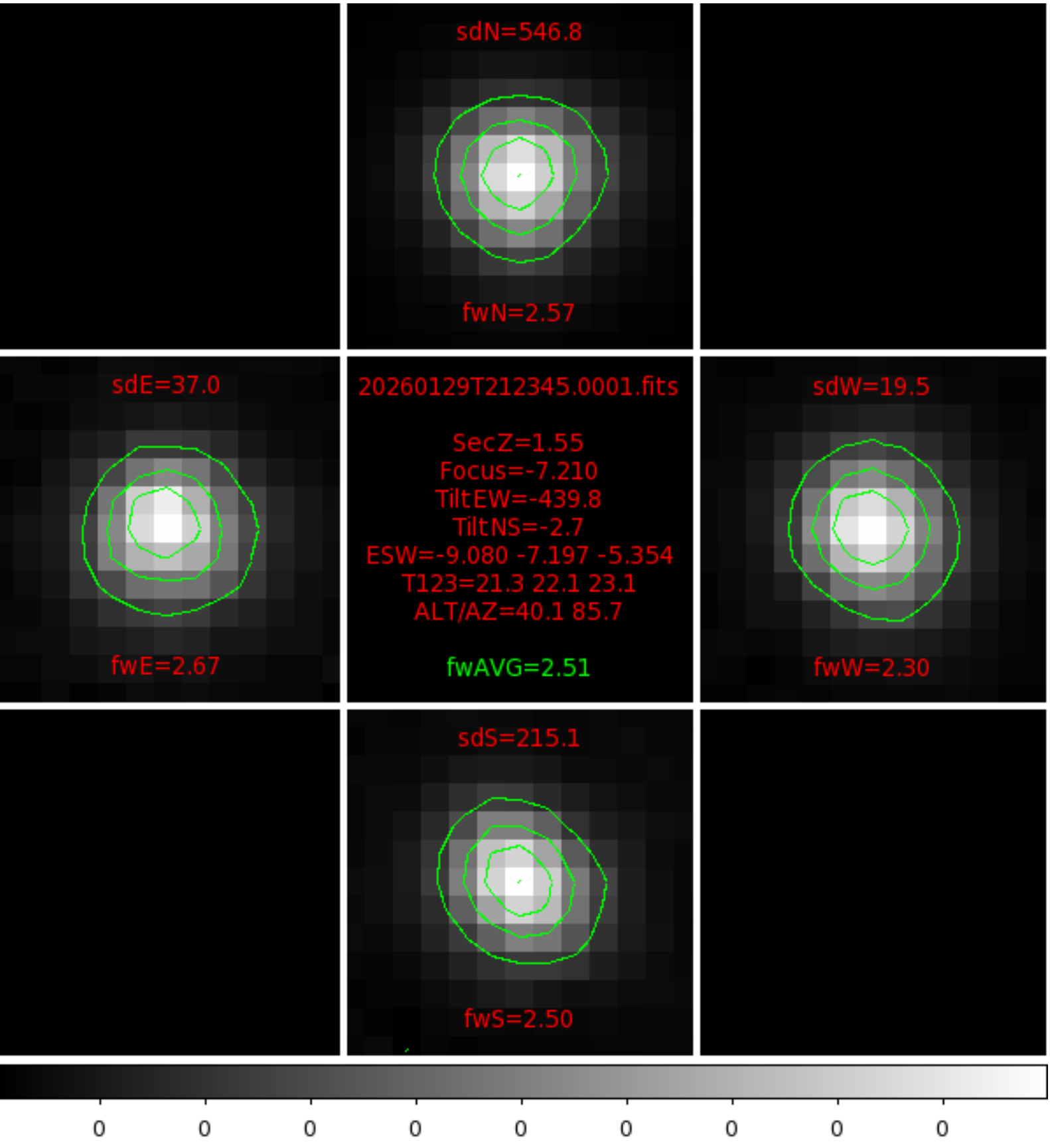
sdN=546.8
fwN=2.57
sdE=37.0
fwE=2.67
20260129T212345.0001.fits
SecZ=1.55
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.3 22.1 23.1
ALT/AZ=40.1 85.7
fwAVG=2.51
sdW=19.5
fwW=2.30
sdS=215.1
fwS=2.50
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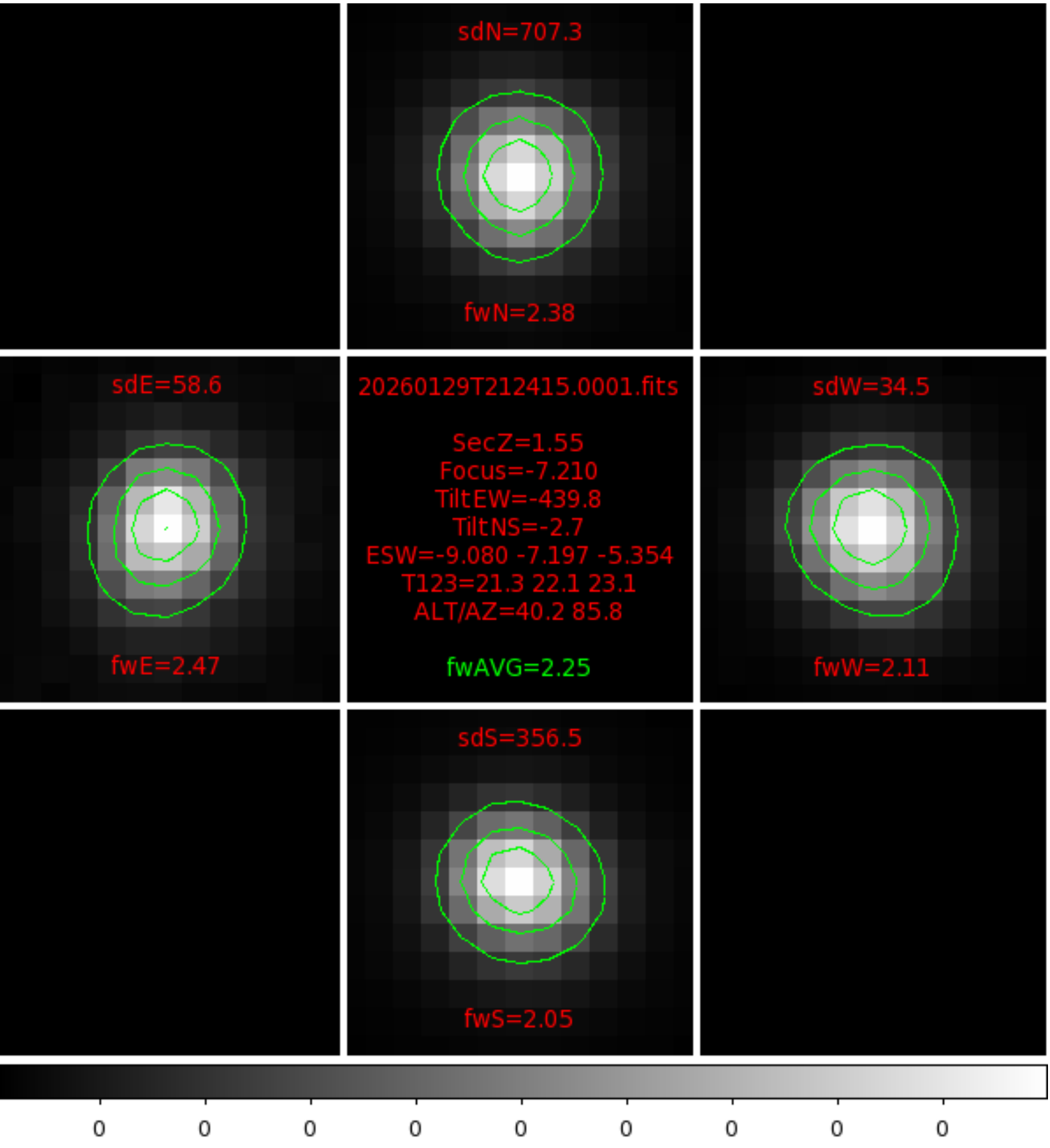
sdN=707.3
fwN=2.38
sdE=58.6
fwE=2.47
20260129T212415.0001.fits
SecZ=1.55
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.3 22.1 23.1
ALT/AZ=40.2 85.8
fwAVG=2.25
sdW=34.5
fwW=2.11
sdS=356.5
fwS=2.05
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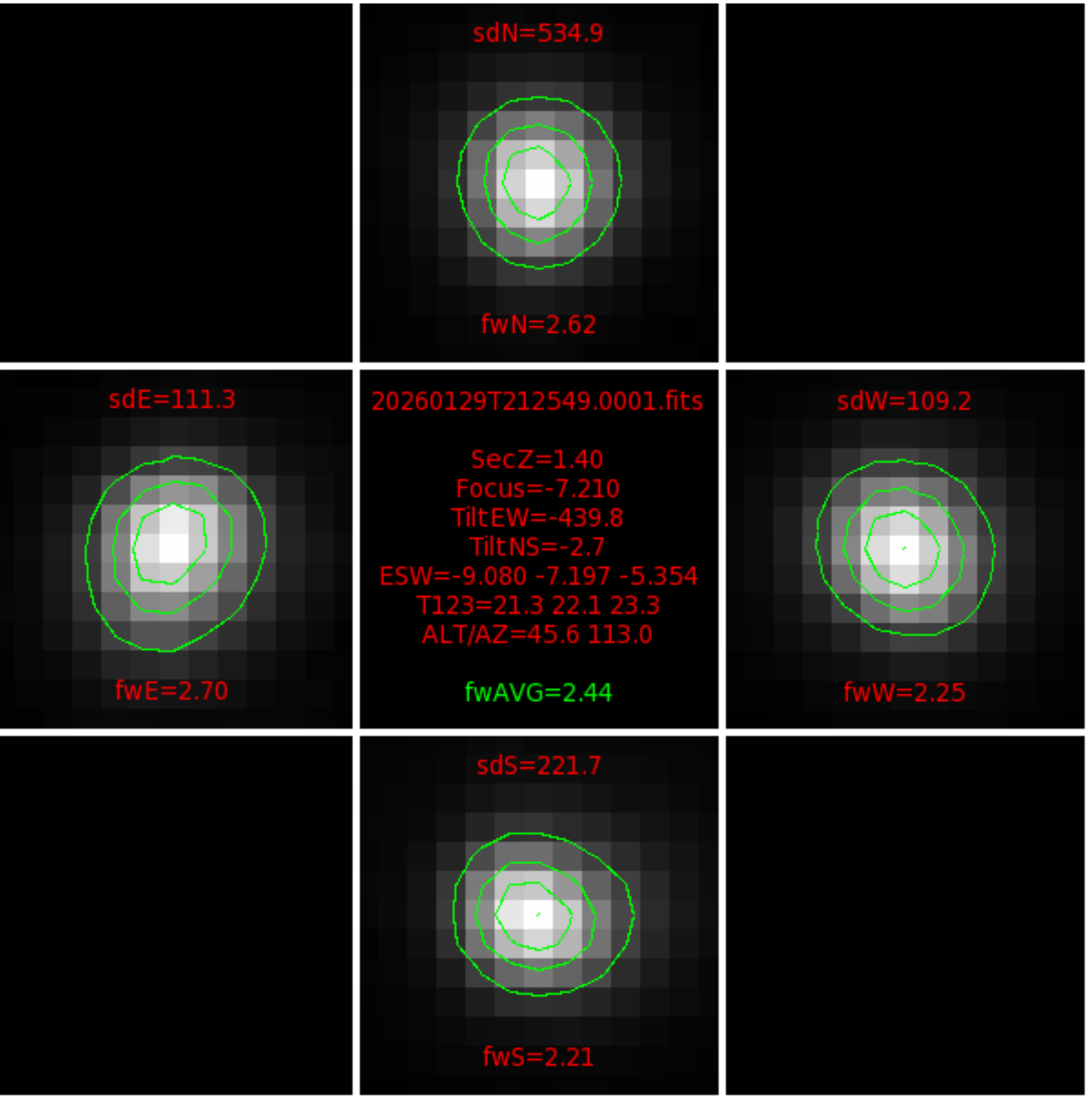
sdN=534.9
fwN=2.62
sdE=111.3
fwE=2.70
20260129T212549.0001.fits
SecZ=1.40
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.3 22.1 23.3
ALT/AZ=45.6 113.0
fwAVG=2.44
sdW=109.2
fwW=2.25
sdS=221.7
fwS=2.21
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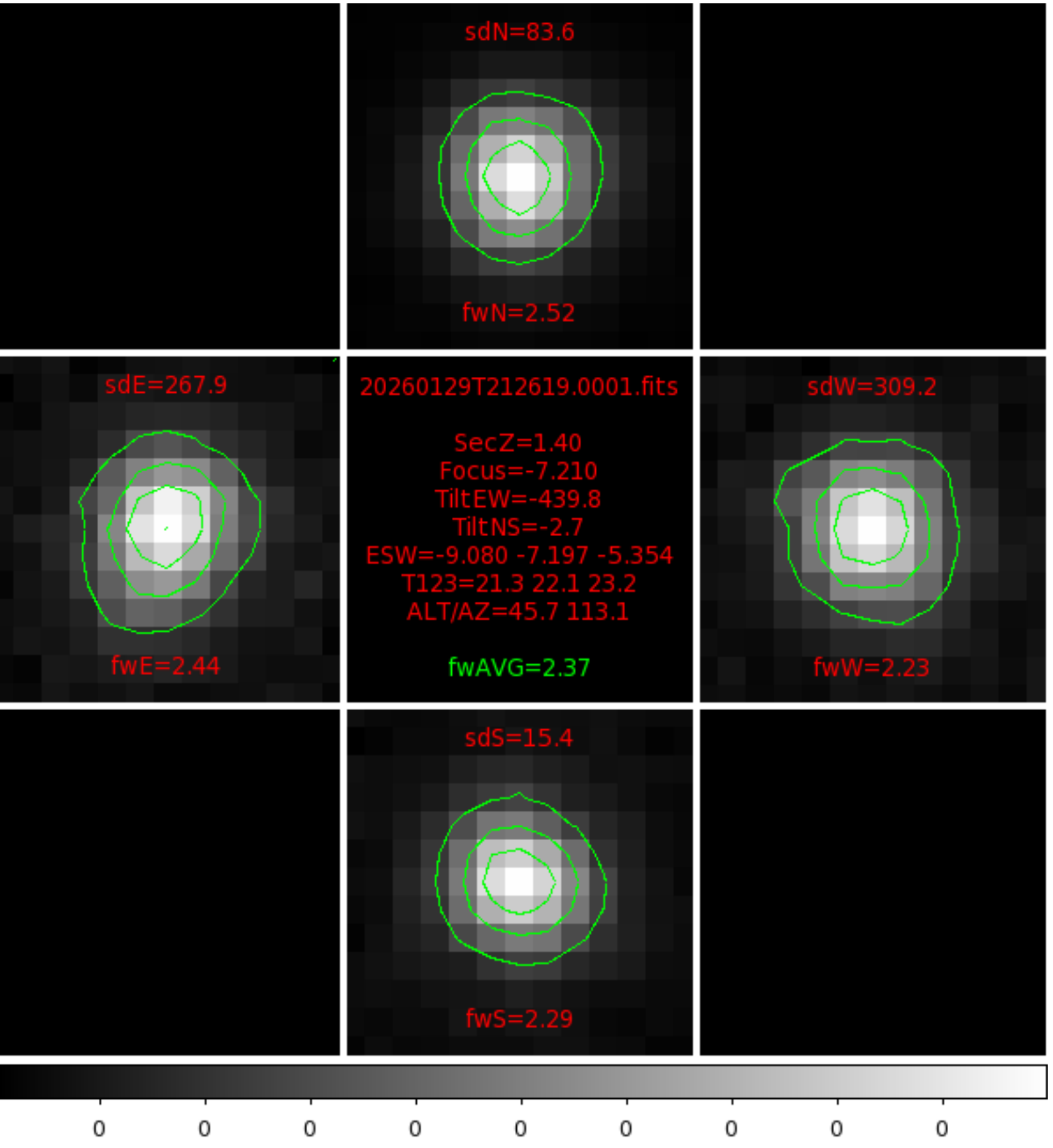
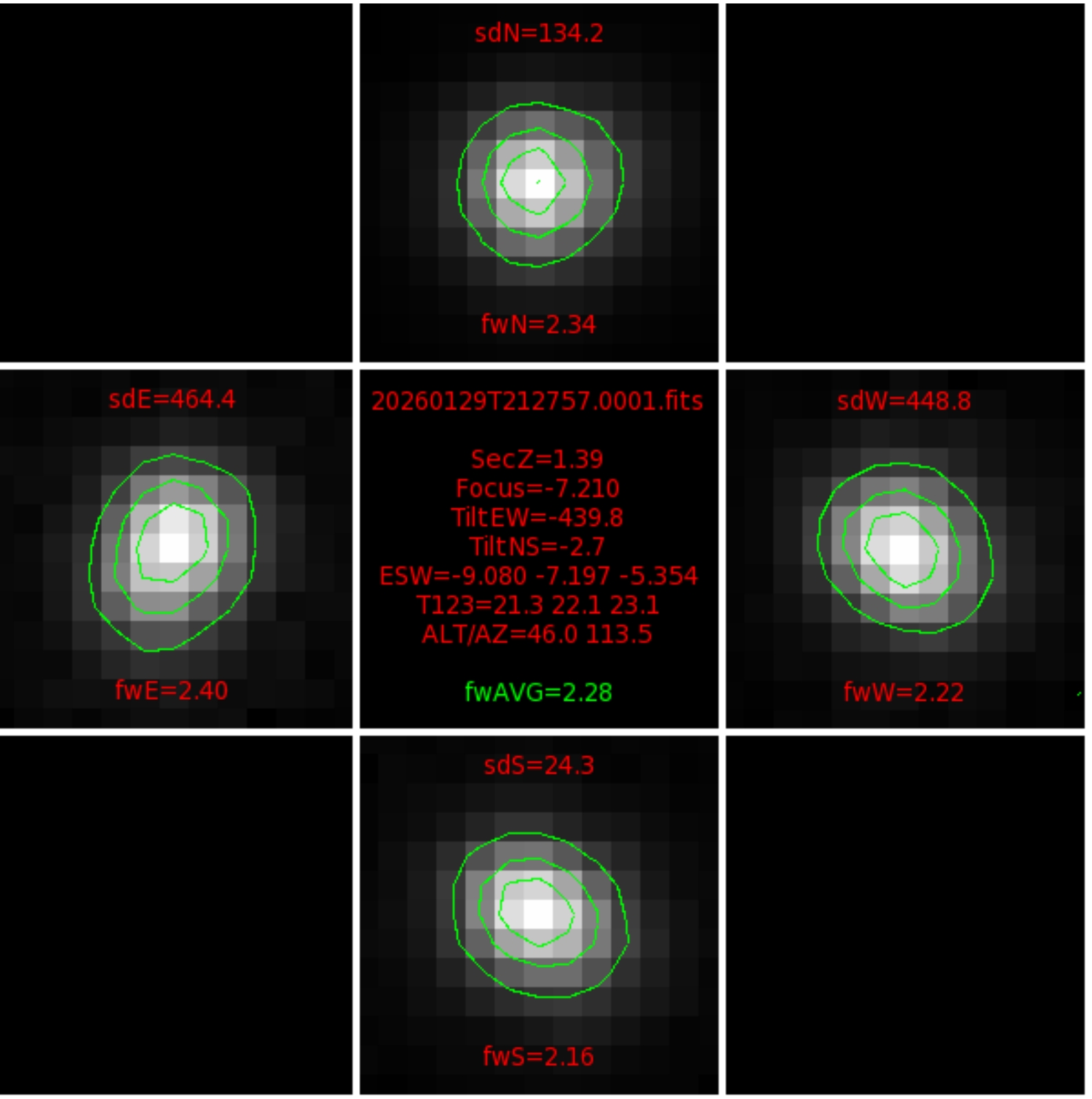

sdN=83.6
fwN=2.52
sdE=267.9
fwE=2.44
20260129T212619.0001.fits
SecZ=1.40
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.3 22.1 23.2
ALT/AZ=45.7 113.1
fwAVG=2.37
sdW=309.2
fwW=2.23
sdS=15.4
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=134.2
fwN=2.34
sdE=464.4
20260129T212757.0001.fits
SecZ=1.39
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.3 22.1 23.1
ALT/AZ=46.0 113.5
fwAVG=2.28
sdW=448.8
fwE=2.40
fwW=2.22
sdS=24.3
fwS=2.16
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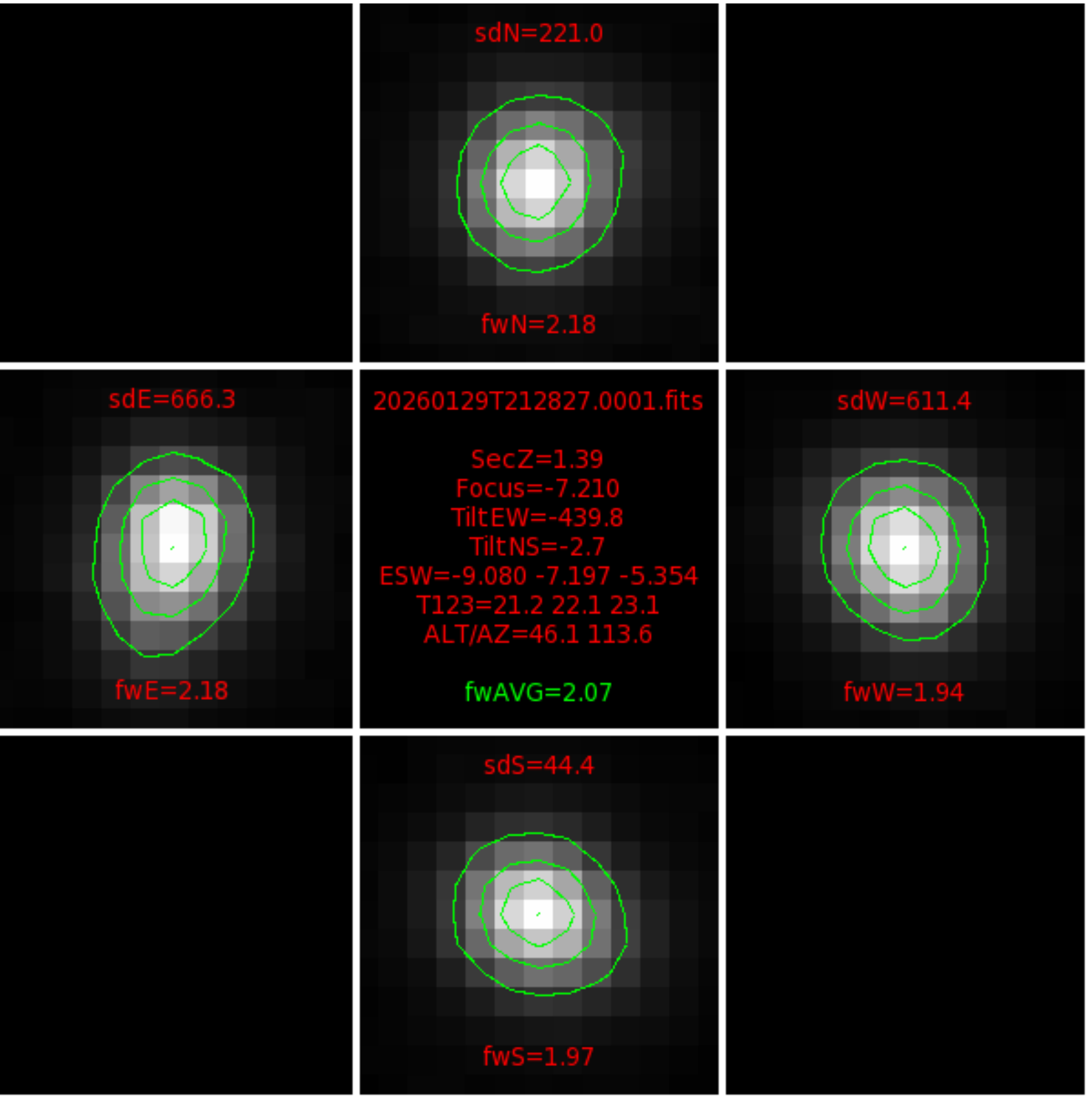
sdN=221.0
fwN=2.18
sdE=666.3
fwE=2.18
20260129T212827.0001.fits
SecZ=1.39
Focus=-7.210
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.080 -7.197 -5.354
T123=21.2 22.1 23.1
ALT/AZ=46.1 113.6
fwAVG=2.07
sdW=611.4
fwW=1.94
sdS=44.4
fwS=1.97
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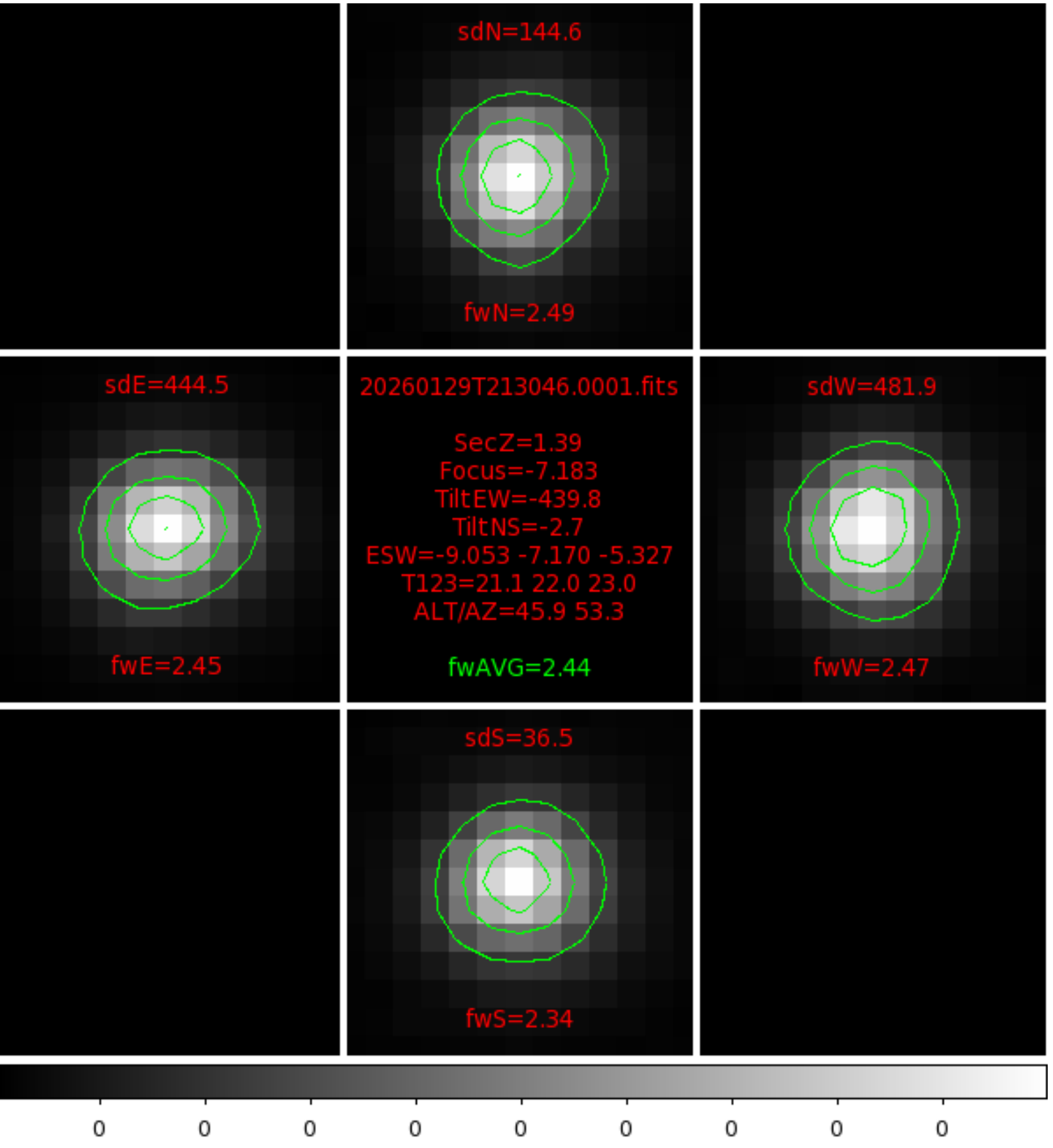
sdN=144.6
fwN=2.49
sdE=444.5
fwE=2.45
20260129T213046.0001.fits
SecZ=1.39
Focus=-7.183
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.053 -7.170 -5.327
T123=21.1 22.0 23.0
ALT/AZ=45.9 53.3
fwAVG=2.44
sdW=481.9
fwW=2.47
sdS=36.5
fwS=2.34
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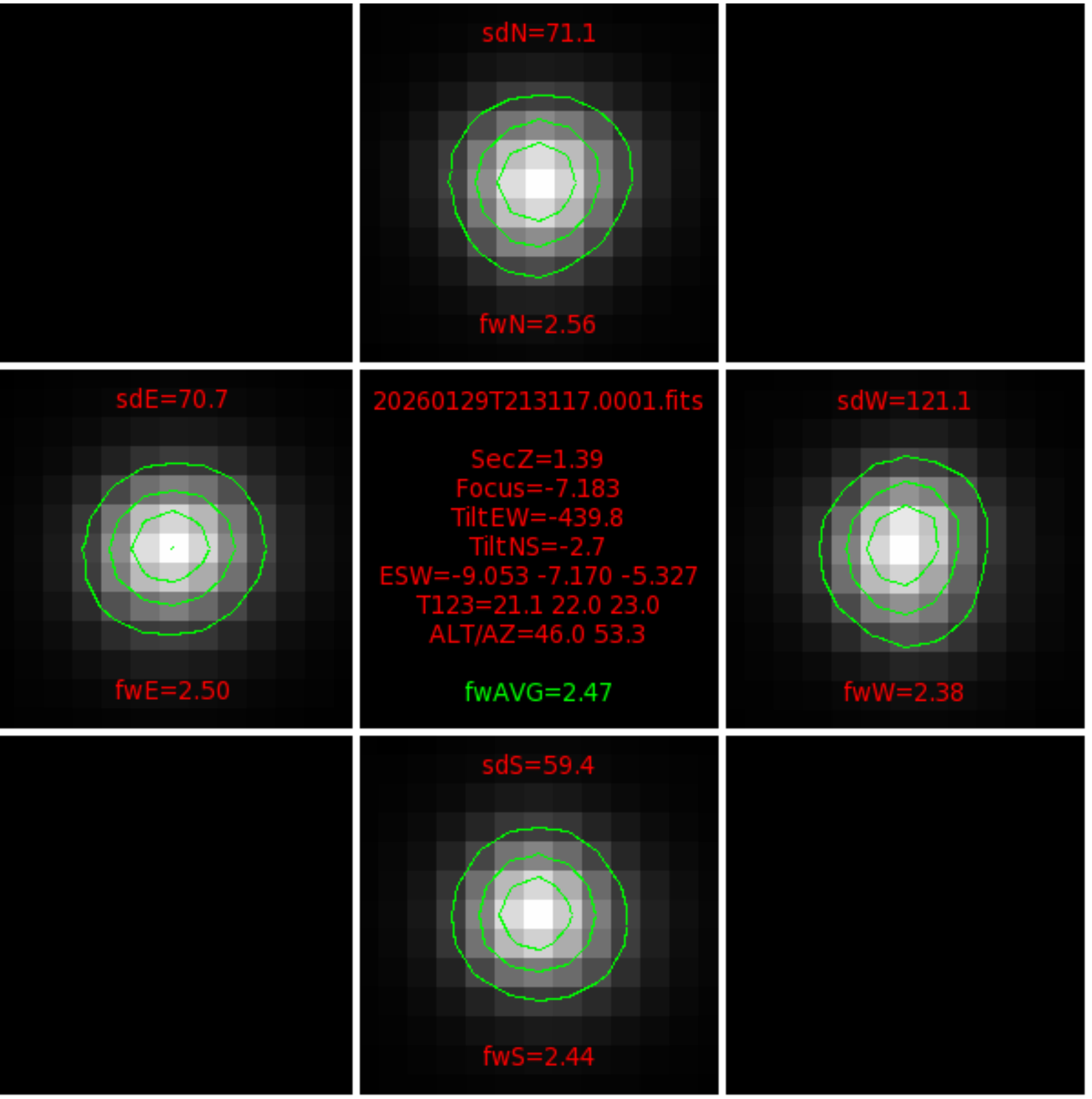
sdN=71.1
fwN=2.56
sdE=70.7
fwE=2.50
20260129T213117.0001.fits
SecZ=1.39
Focus=-7.183
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.053 -7.170 -5.327
T123=21.1 22.0 23.0
ALT/AZ=46.0 53.3
fwAVG=2.47
sdW=121.1
fwW=2.38
sdS=59.4
fwS=2.44
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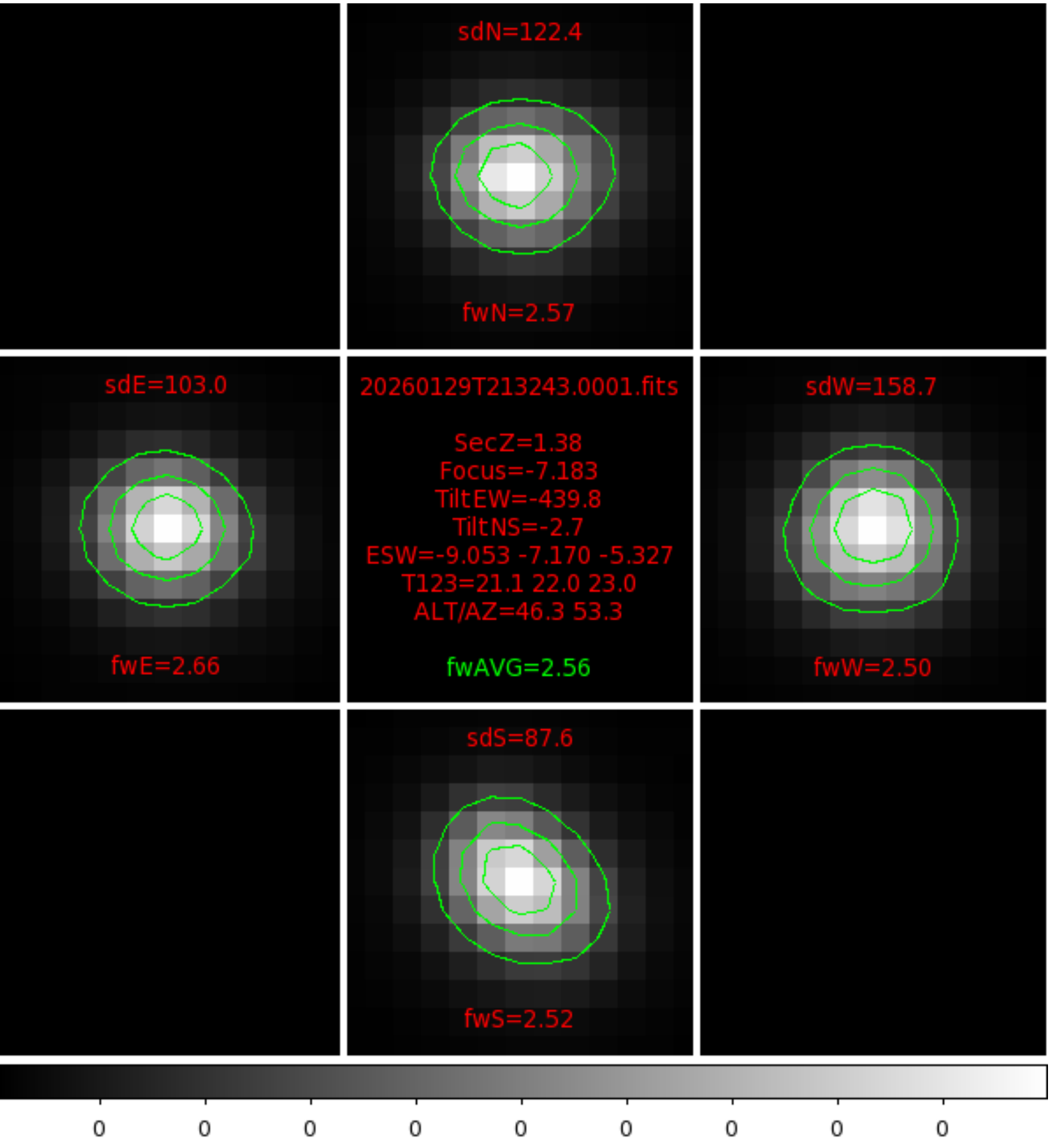
sdN=122.4
fwN=2.57
sdE=103.0
fwE=2.66
20260129T213243.0001.fits
SecZ=1.38
Focus=-7.183
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.053 -7.170 -5.327
T123=21.1 22.0 23.0
ALT/AZ=46.3 53.3
fwAVG=2.56
sdW=158.7
fwW=2.50
sdS=87.6
fwS=2.52
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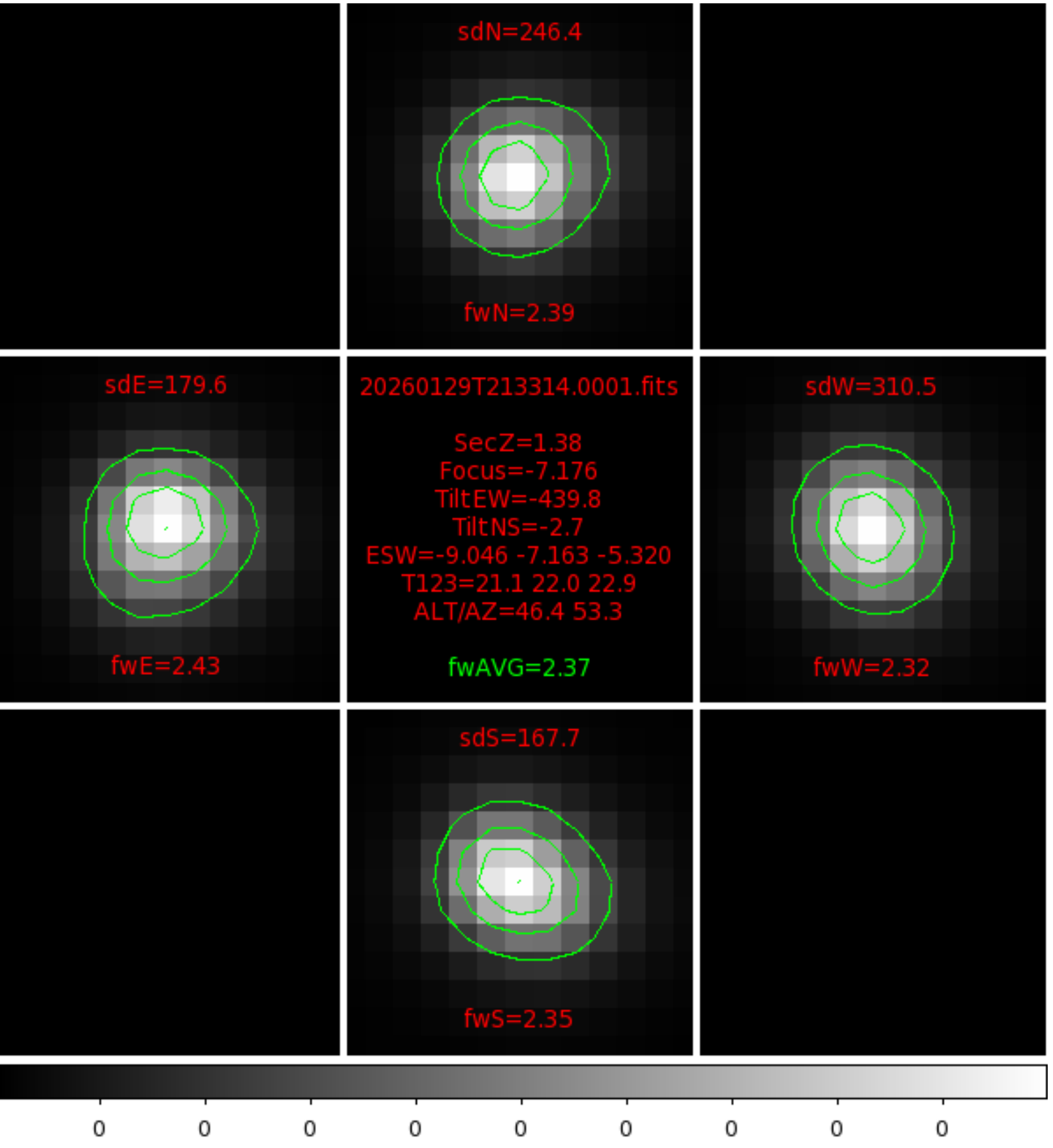
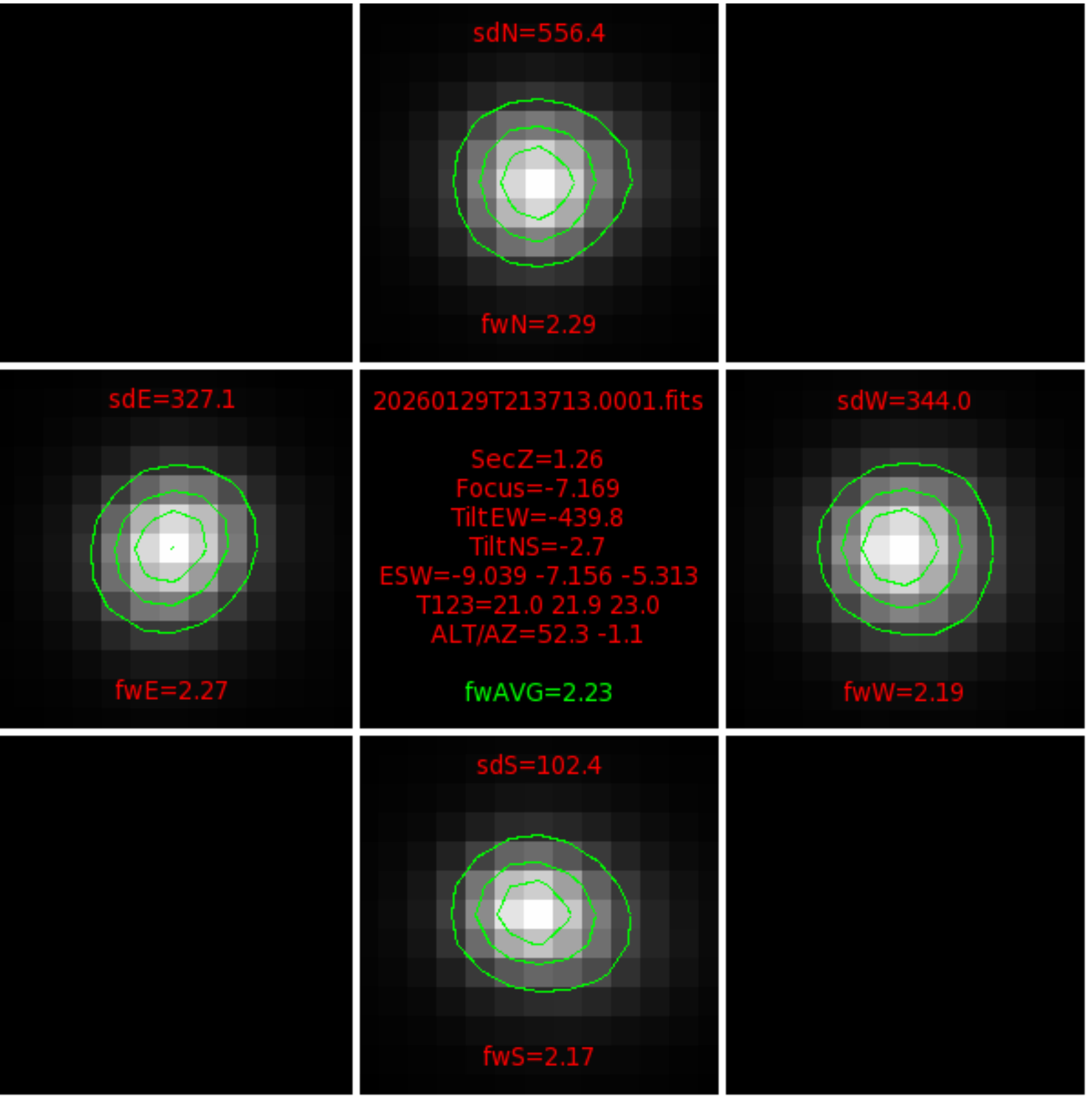
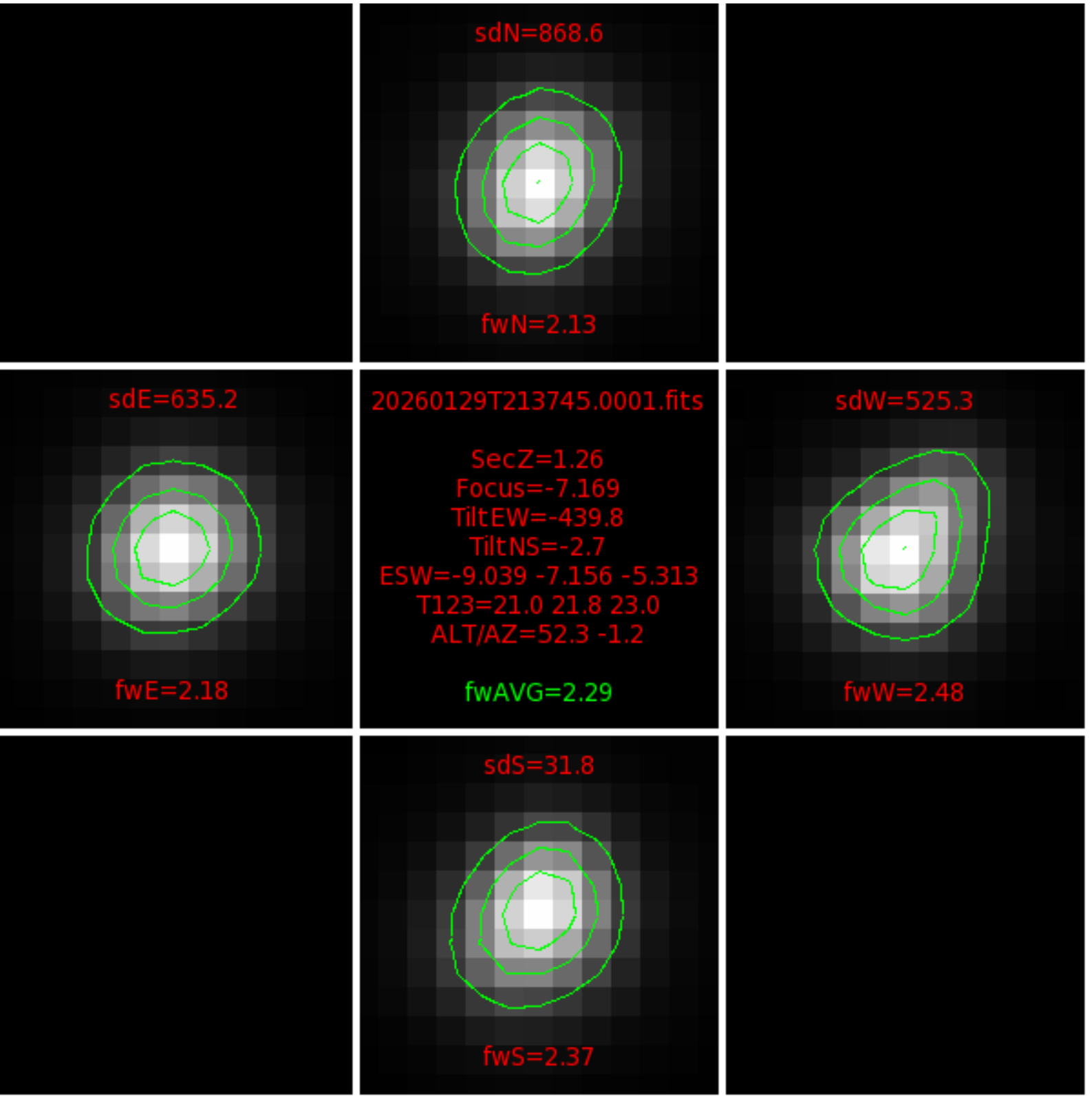
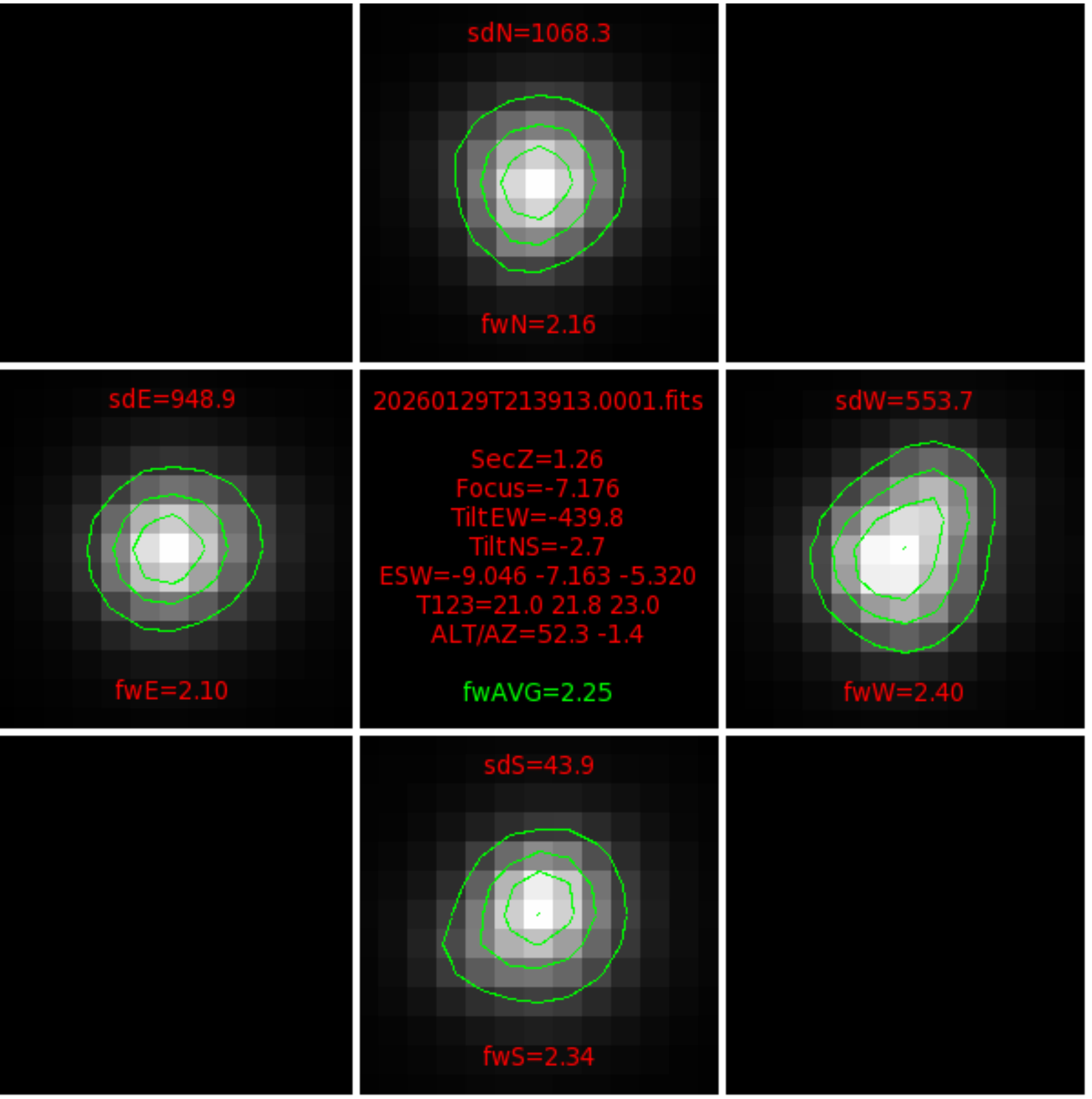
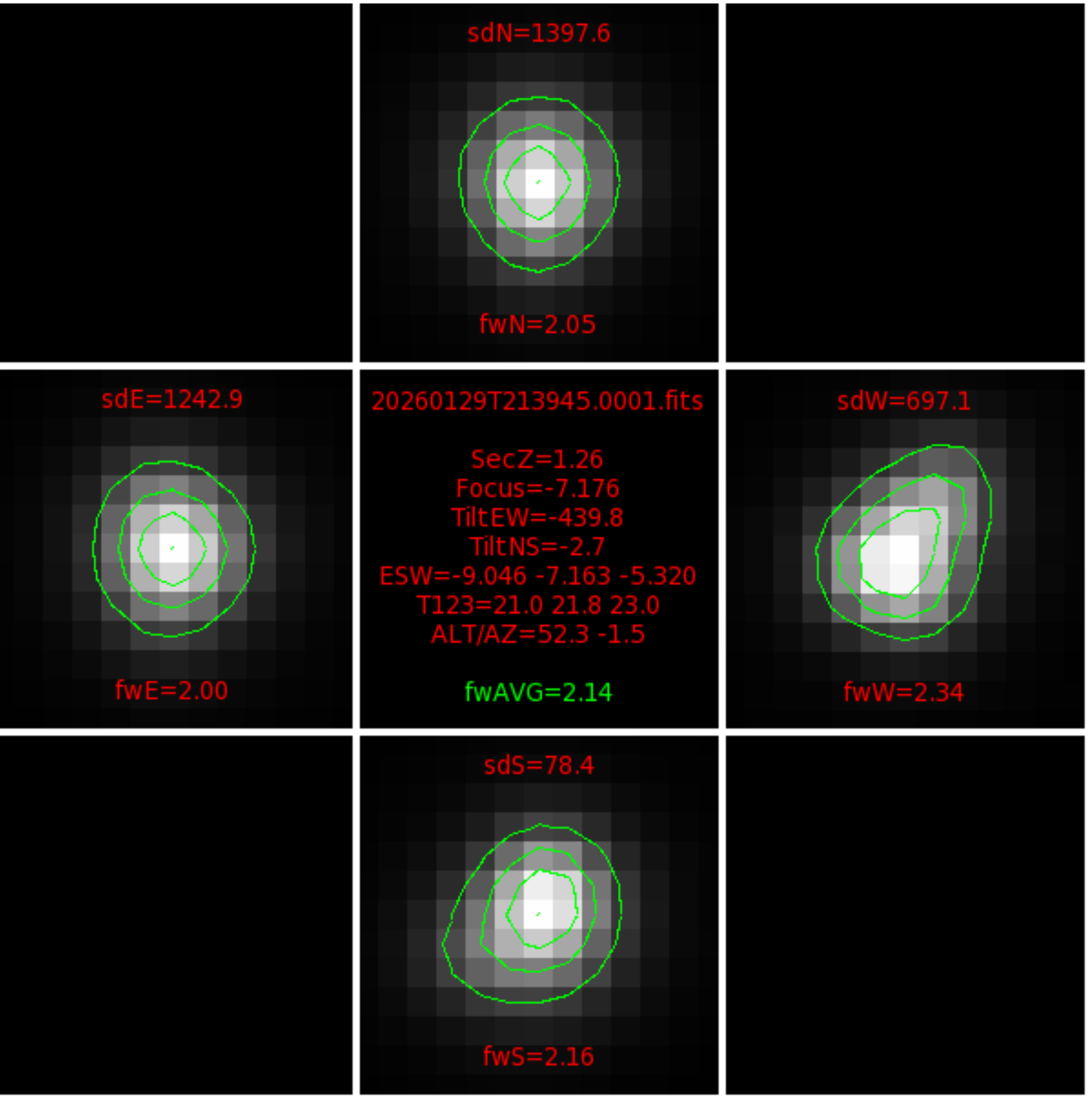

sdN=246.4
fwN=2.39
sdE=179.6
fwE=2.43
20260129T213314.0001.fits
SecZ=1.38
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.1 22.0 22.9
ALT/AZ=46.4 53.3
fwAVG=2.37
sdW=310.5
fwW=2.32
sdS=167.7
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=556.4
fwN=2.29
sdE=327.1
fwE=2.27
20260129T213713.0001.fits
SecZ=1.26
Focus=-7.169
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.039 -7.156 -5.313
T123=21.0 21.9 23.0
ALT/AZ=52.3 -1.1
fwAVG=2.23
sdW=344.0
fwW=2.19
sdS=102.4
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=868.6
fwN=2.13
sdE=635.2
fwE=2.18
20260129T213745.0001.fits
SecZ=1.26
Focus=-7.169
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.039 -7.156 -5.313
T123=21.0 21.8 23.0
ALT/AZ=52.3 -1.2
fwAVG=2.29
sdW=525.3
fwW=2.48
sdS=31.8
fwS=2.37
0 0 0 0 0 0 0 0 0


sdN=1068.3
fwN=2.16
sdE=948.9
fwE=2.10
20260129T213913.0001.fits
SecZ=1.26
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.0 21.8 23.0
ALT/AZ=52.3 -1.4
fwAVG=2.25
sdW=553.7
fwW=2.40
sdS=43.9
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=1397.6
fwN=2.05
sdE=1242.9
fwE=2.00
20260129T213945.0001.fits
SecZ=1.26
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.0 21.8 23.0
ALT/AZ=52.3 -1.5
fwAVG=2.14
sdW=697.1
fwW=2.34
sdS=78.4
fwS=2.16
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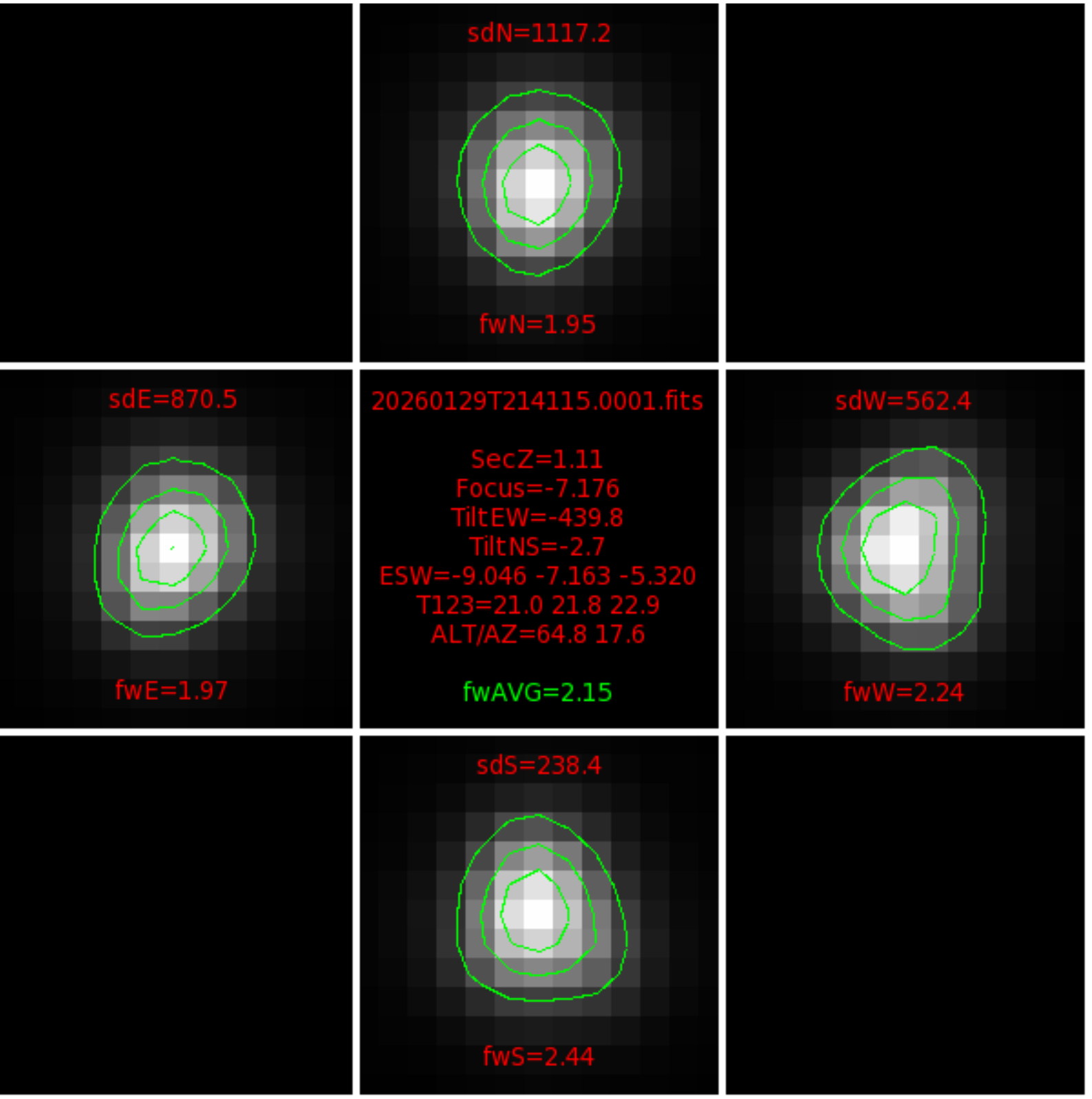
sdN=1117.2
fwN=1.95
sdE=870.5
fwE=1.97
20260129T214115.0001.fits
SecZ=1.11
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.0 21.8 22.9
ALT/AZ=64.8 17.6
fwAVG=2.15
sdW=562.4
fwW=2.24
sdS=238.4
fwS=2.44
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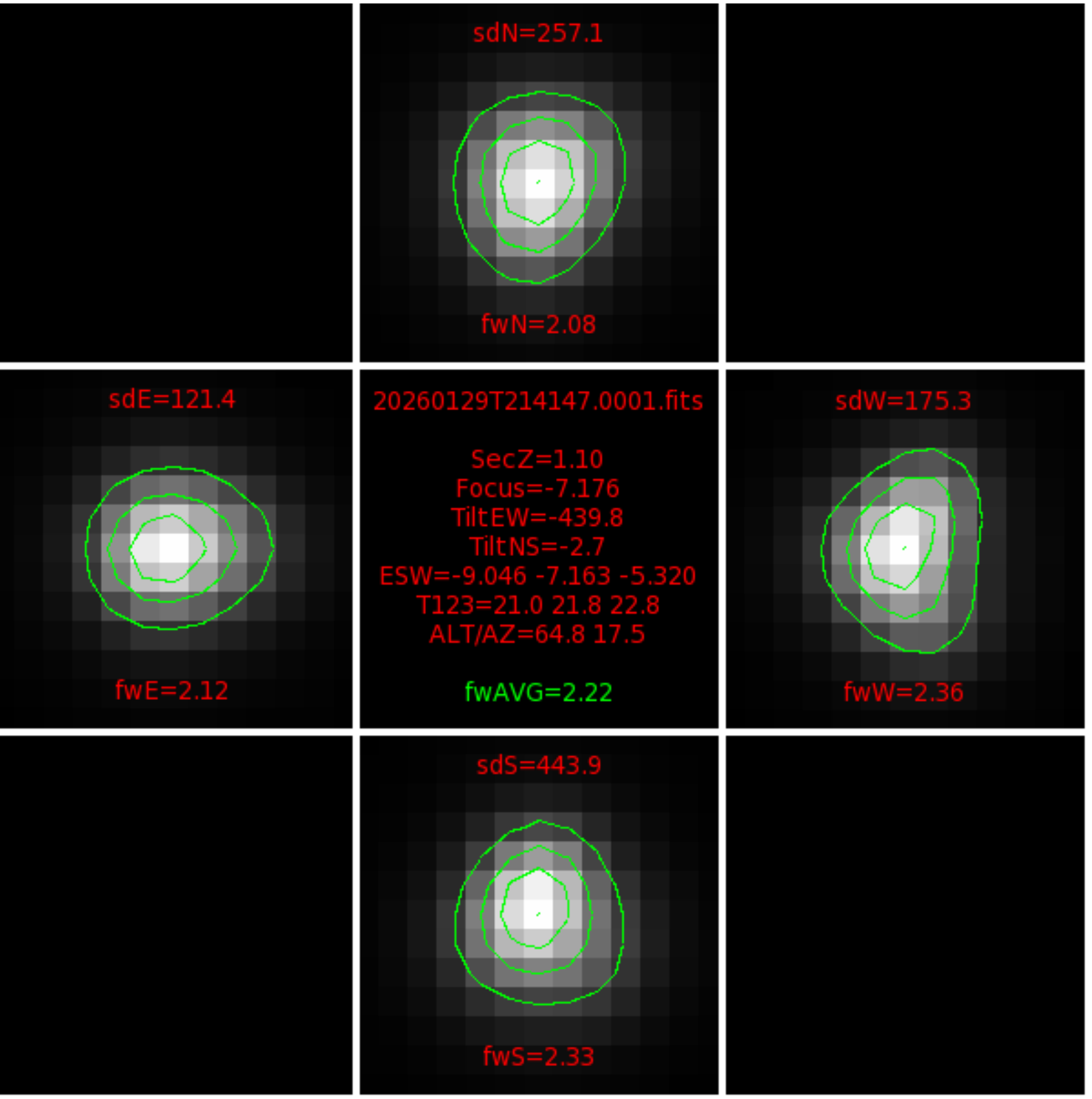
sdN=257.1
fwN=2.08
sdE=121.4
fwE=2.12
20260129T214147.0001.fits
SecZ=1.10
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.0 21.8 22.8
ALT/AZ=64.8 17.5
fwAVG=2.22
sdW=175.3
fwW=2.36
sdS=443.9
fwS=2.33
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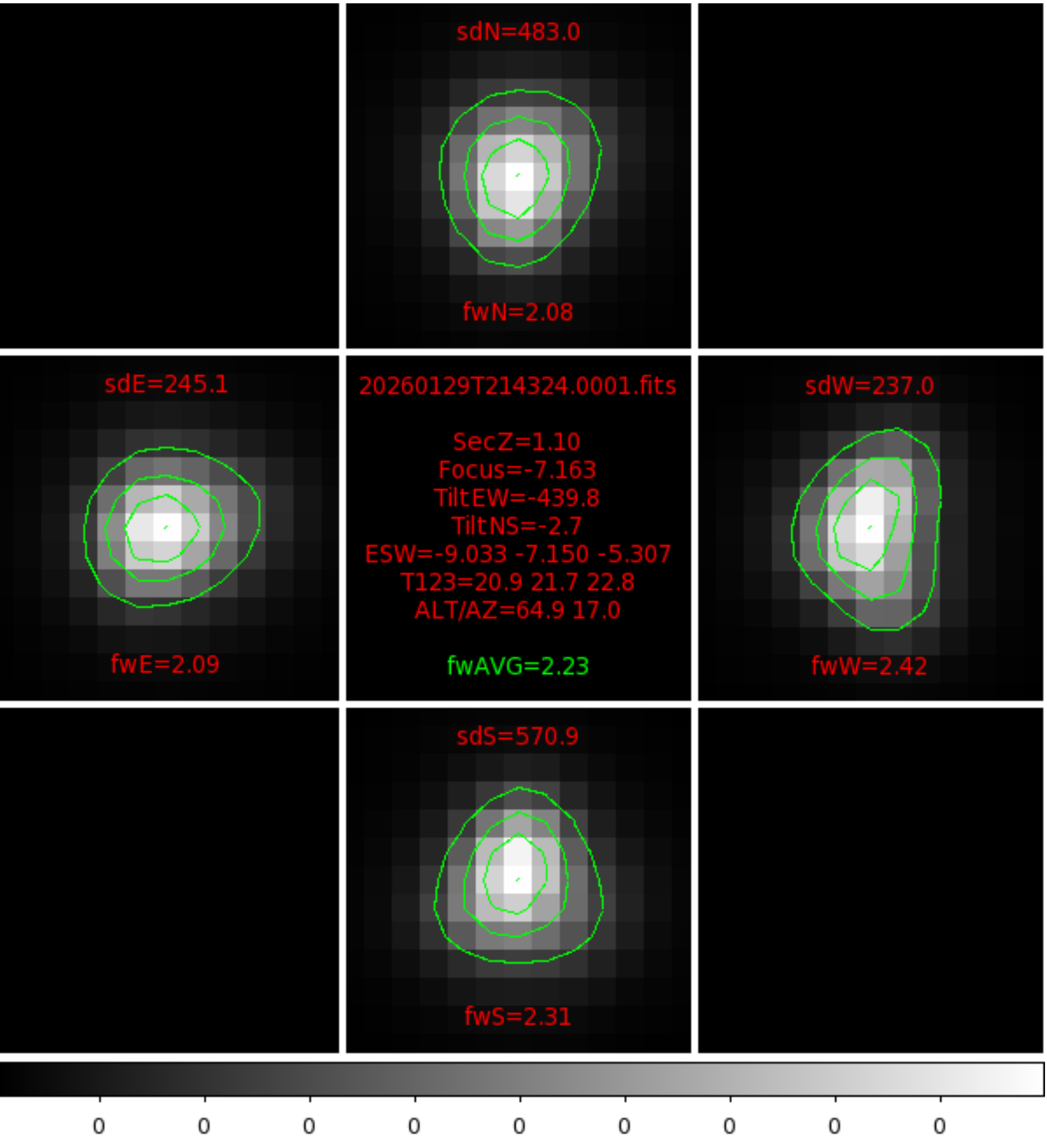
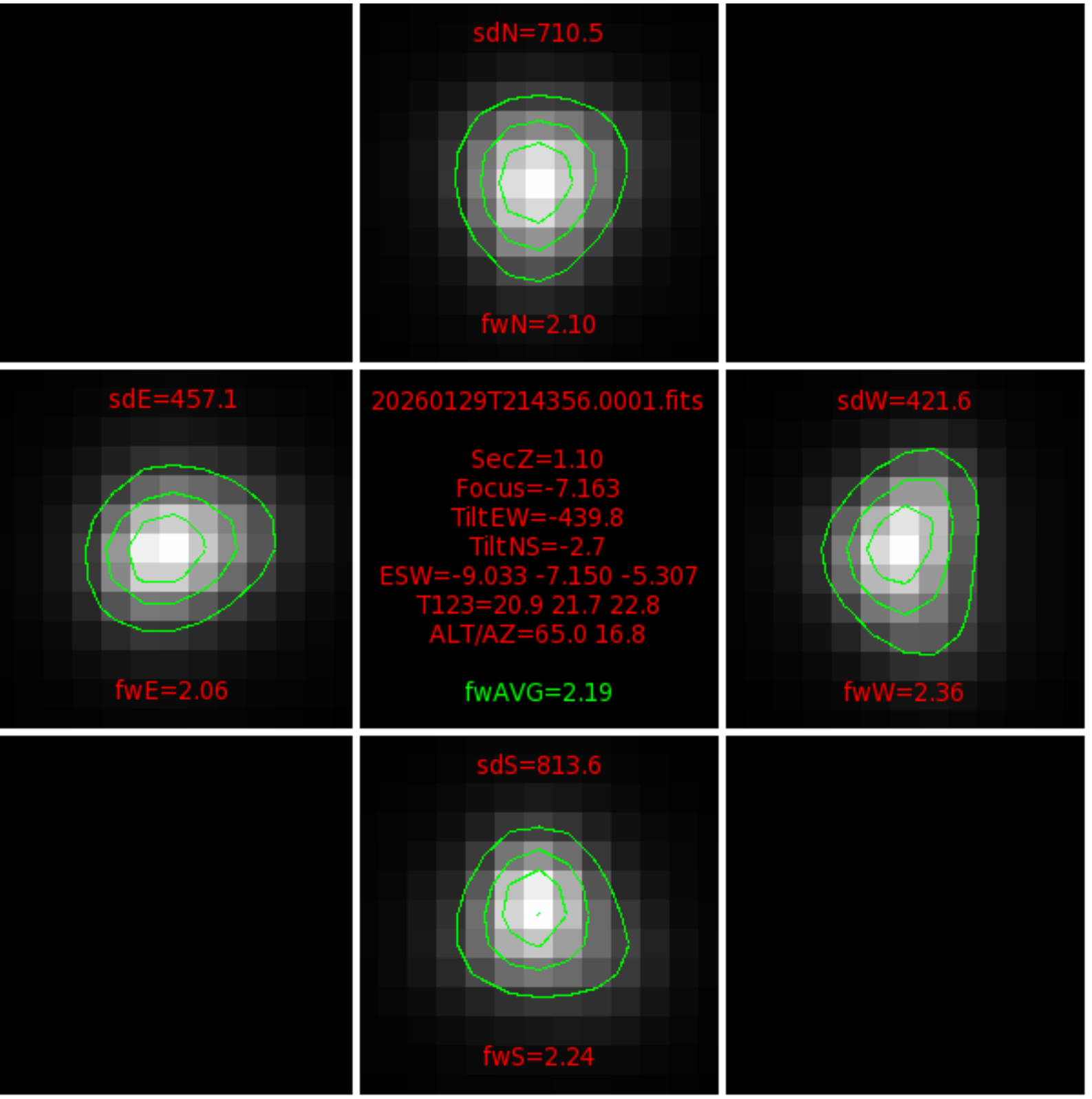

sdN=483.0
fwN=2.08
sdE=245.1
fwE=2.09
20260129T214324.0001.fits
SecZ=1.10
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=20.9 21.7 22.8
ALT/AZ=64.9 17.0
fwAVG=2.23
sdW=237.0
fwW=2.42
sdS=570.9
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=710.5
fwN=2.10
sdE=457.1
fwE=2.06
20260129T214356.0001.fits
SecZ=1.10
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=20.9 21.7 22.8
ALT/AZ=65.0 16.8
fwAVG=2.19
sdW=421.6
fwW=2.36
sdS=813.6
fwS=2.24
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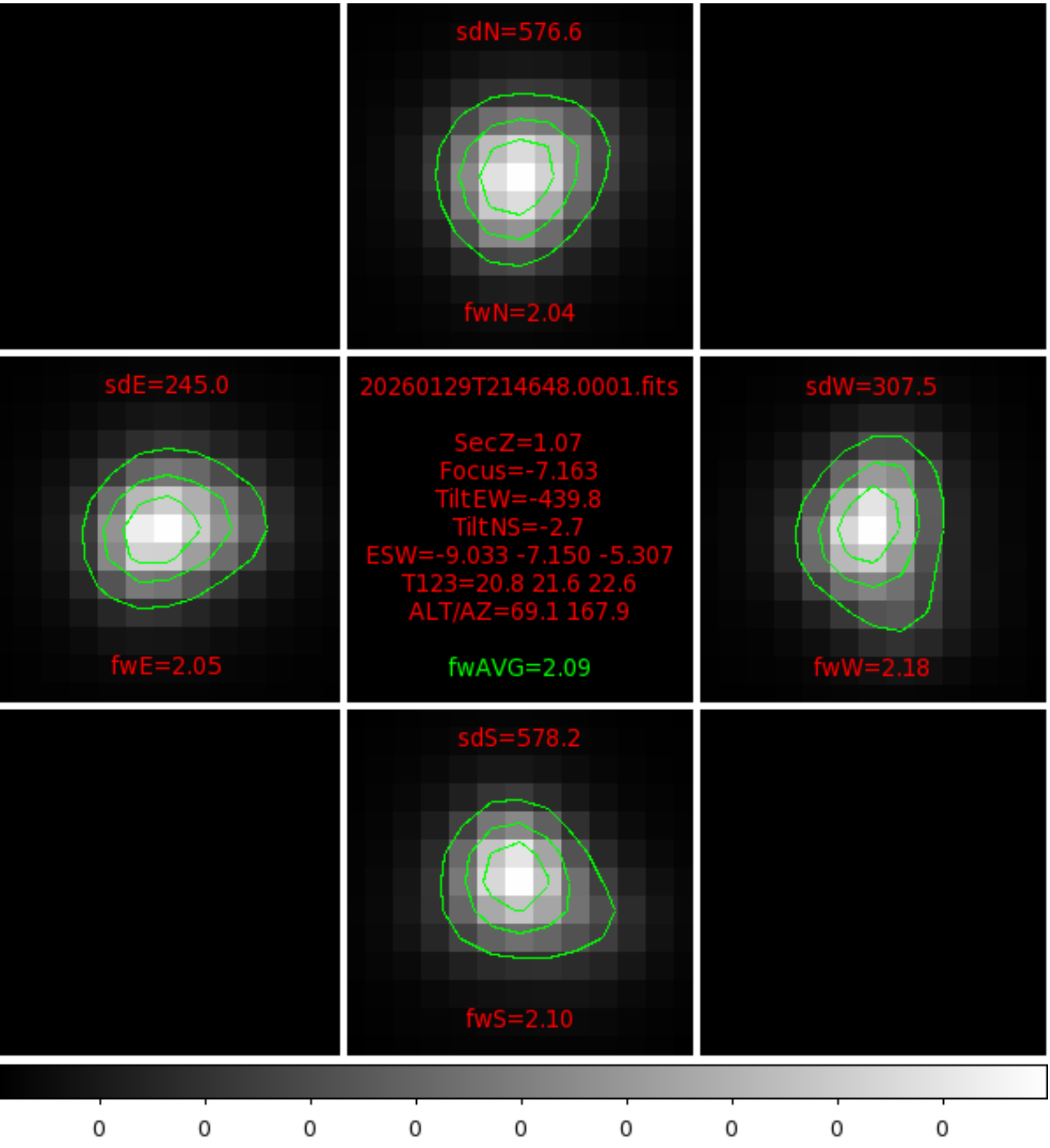
sdN=576.6
fwN=2.04
sdE=245.0
fwE=2.05
20260129T214648.0001.fits
SecZ=1.07
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=20.8 21.6 22.6
ALT/AZ=69.1 167.9
fwAVG=2.09
sdW=307.5
fwW=2.18
sdS=578.2
fwS=2.10
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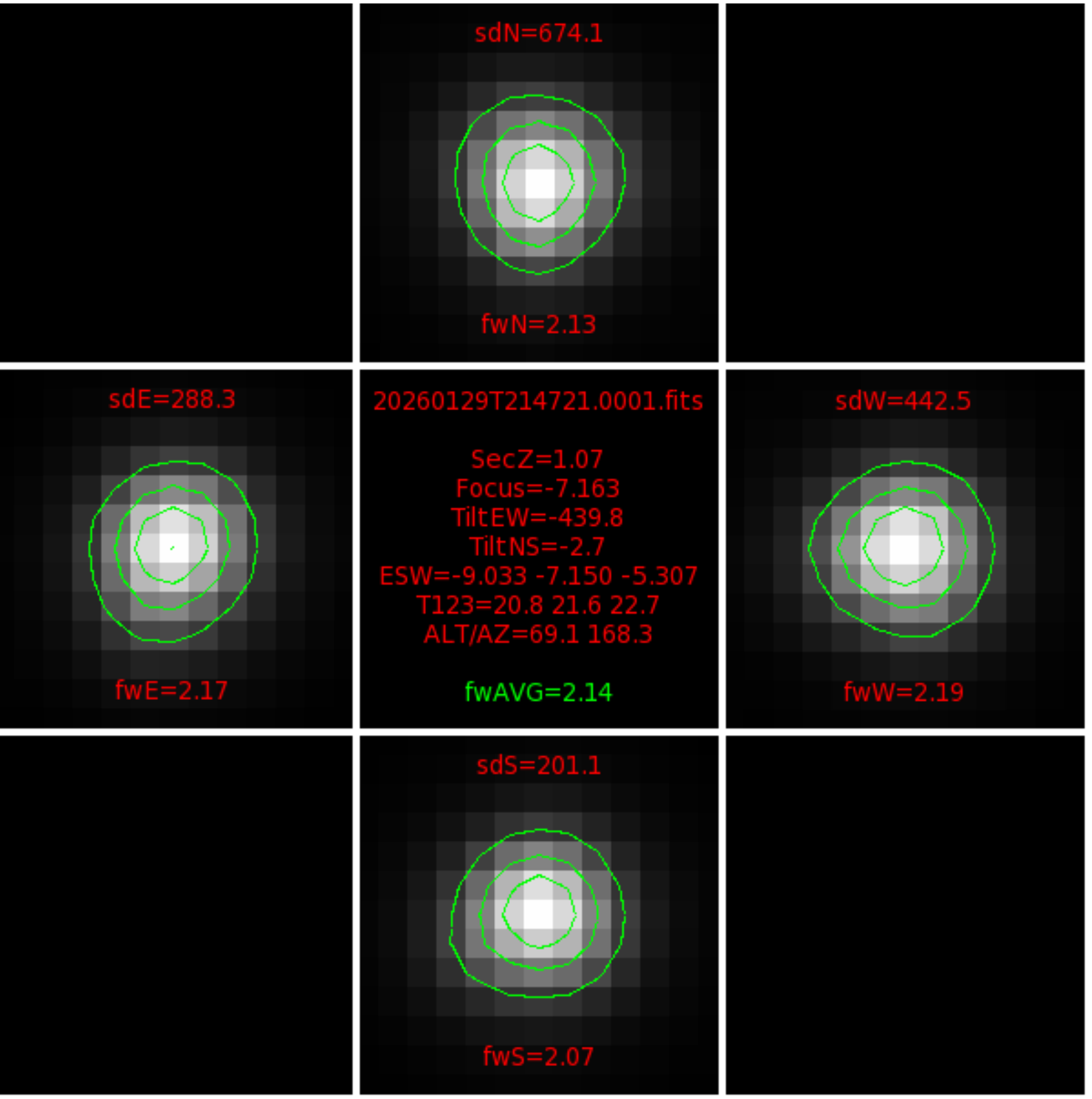
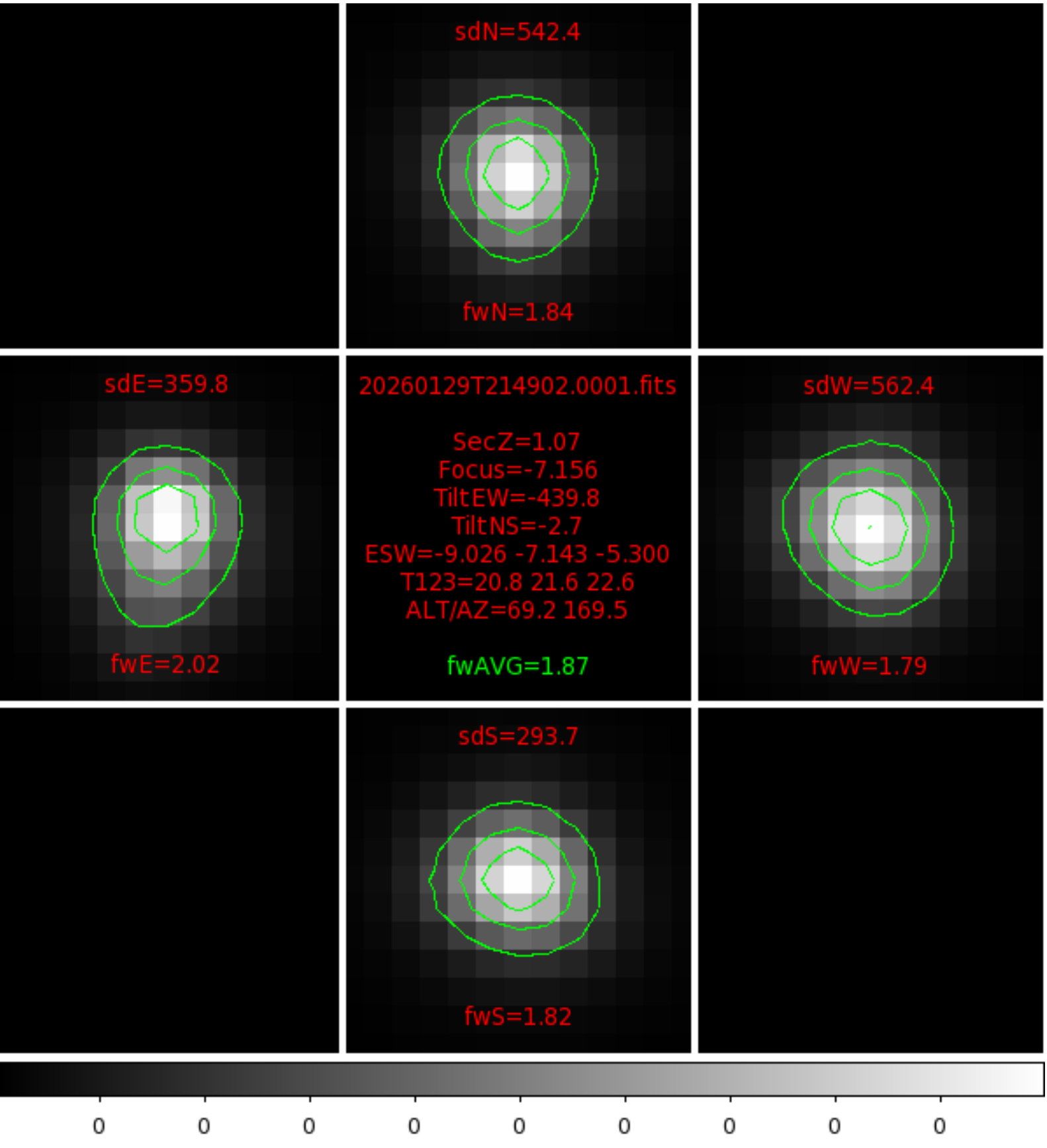
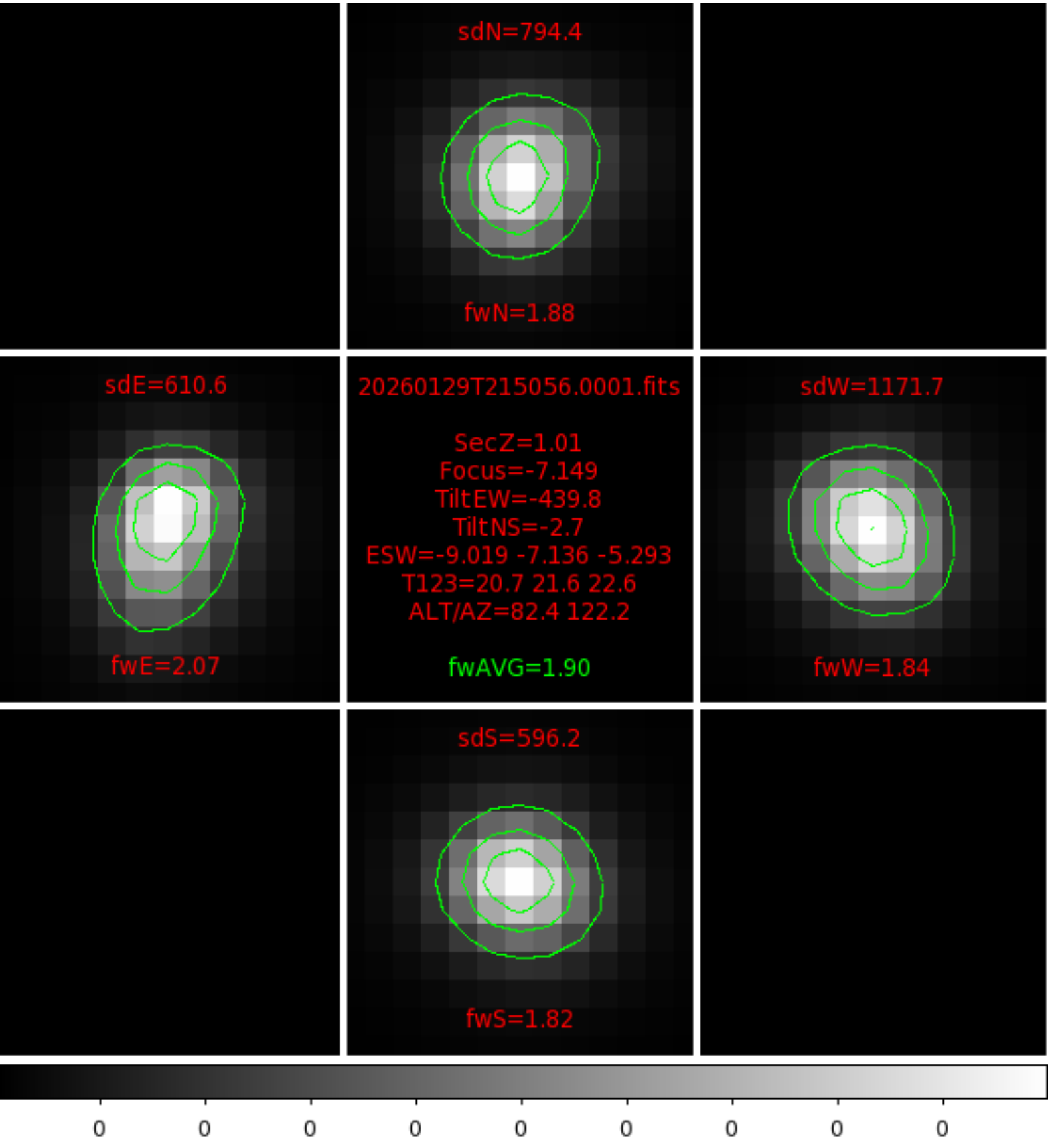
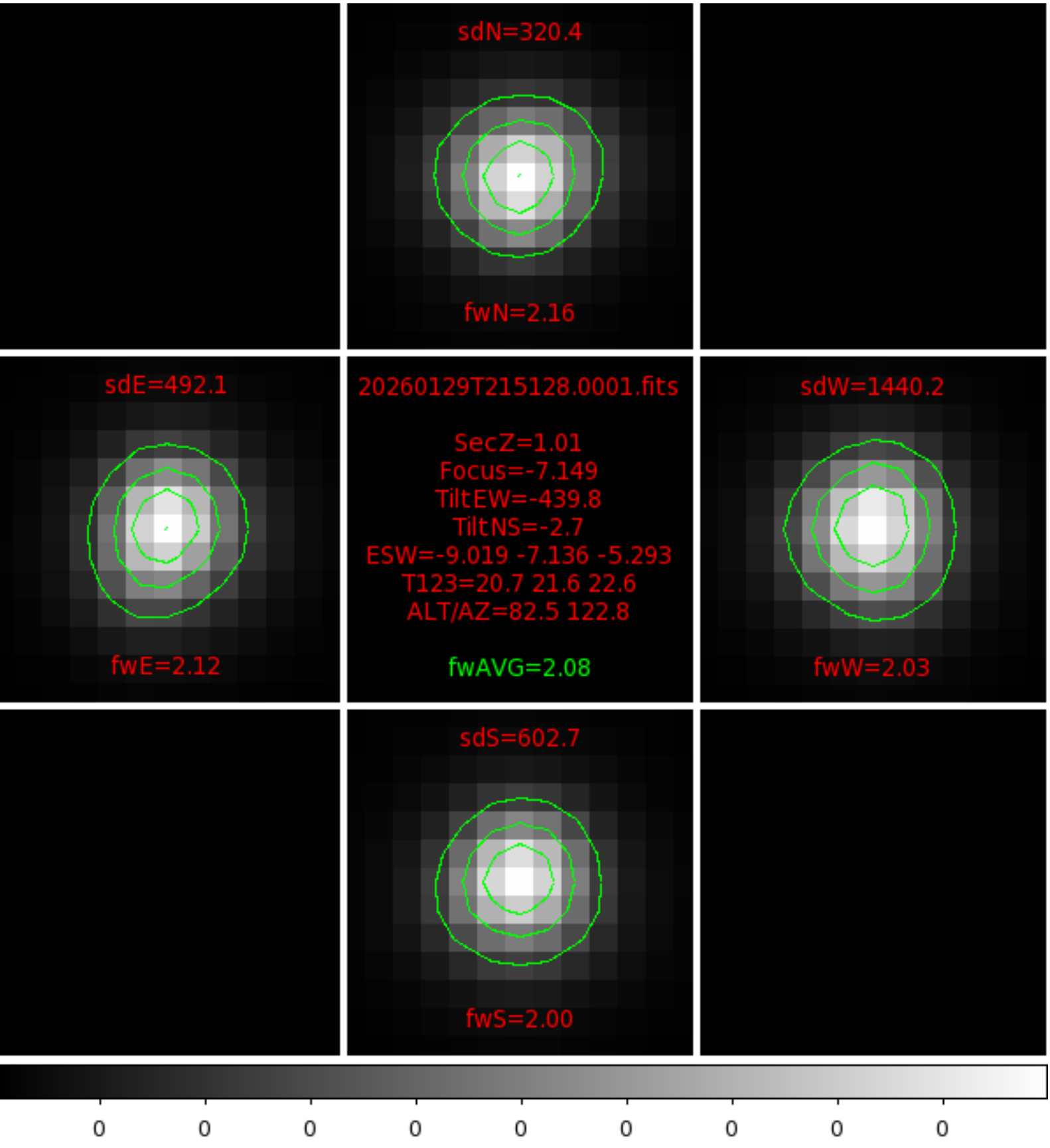
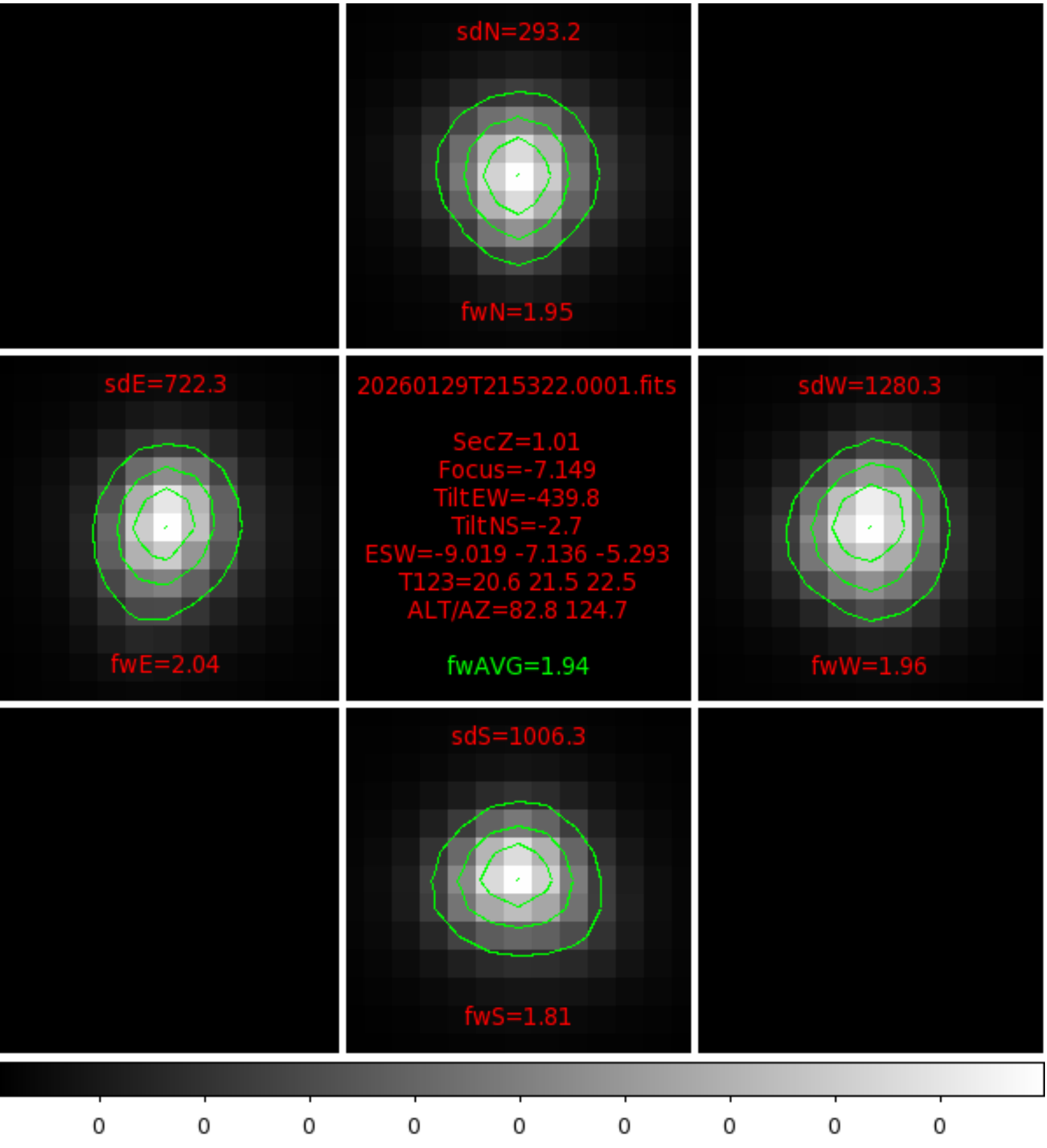

sdN=674.1
fwN=2.13
sdE=288.3
fwE=2.17
20260129T214721.0001.fits
SecZ=1.07
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=20.8 21.6 22.7
ALT/AZ=69.1 168.3
fwAVG=2.14
sdW=442.5
fwW=2.19
sdS=201.1
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=542.4
fwN=1.84
sdE=359.8
fwE=2.02
20260129T214902.0001.fits
SecZ=1.07
Focus=-7.156
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.026 -7.143 -5.300
T123=20.8 21.6 22.6
ALT/AZ=69.2 169.5
fwAVG=1.87
sdW=562.4
fwW=1.79
sdS=293.7
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=794.4
fwN=1.88
sdE=610.6
fwE=2.07
20260129T215056.0001.fits
SecZ=1.01
Focus=-7.149
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.019 -7.136 -5.293
T123=20.7 21.6 22.6
ALT/AZ=82.4 122.2
fwAVG=1.90
sdW=1171.7
fwW=1.84
sdS=596.2
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=320.4
fwN=2.16
sdE=492.1
fwE=2.12
20260129T215128.0001.fits
SecZ=1.01
Focus=-7.149
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.019 -7.136 -5.293
T123=20.7 21.6 22.6
ALT/AZ=82.5 122.8
fwAVG=2.08
sdW=1440.2
fwW=2.03
sdS=602.7
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=293.2
fwN=1.95
sdE=722.3
fwE=2.04
20260129T215322.0001.fits
SecZ=1.01
Focus=-7.149
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.019 -7.136 -5.293
T123=20.6 21.5 22.5
ALT/AZ=82.8 124.7
fwAVG=1.94
sdW=1280.3
fwW=1.96
sdS=1006.3
fwS=1.81
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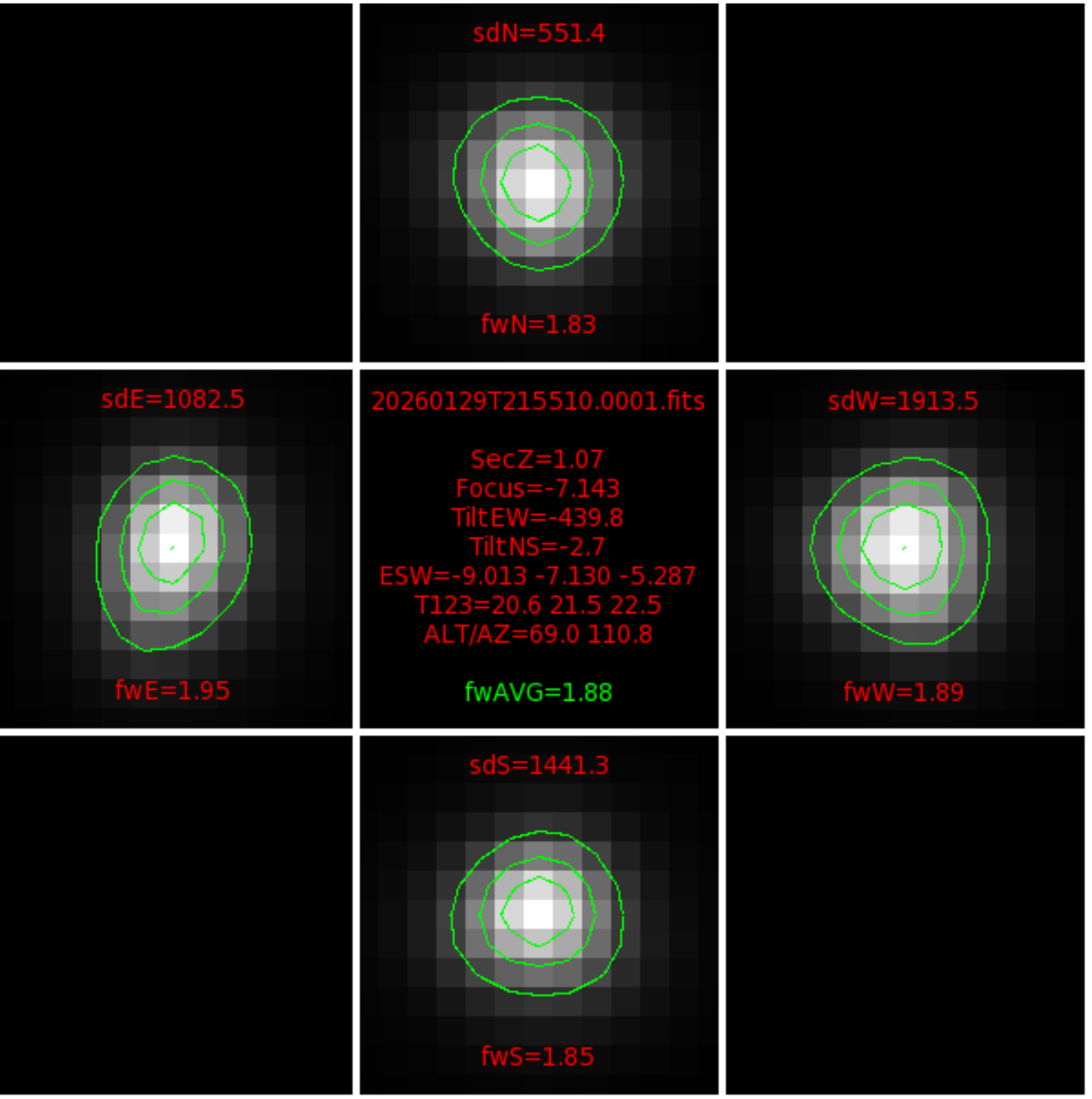
sdN=551.4
fwN=1.83
sdE=1082.5
fwE=1.95
20260129T215510.0001.fits
SecZ=1.07
Focus=-7.143
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.013 -7.130 -5.287
T123=20.6 21.5 22.5
ALT/AZ=69.0 110.8
fwAVG=1.88
sdW=1913.5
fwW=1.89
sdS=1441.3
fwS=1.85
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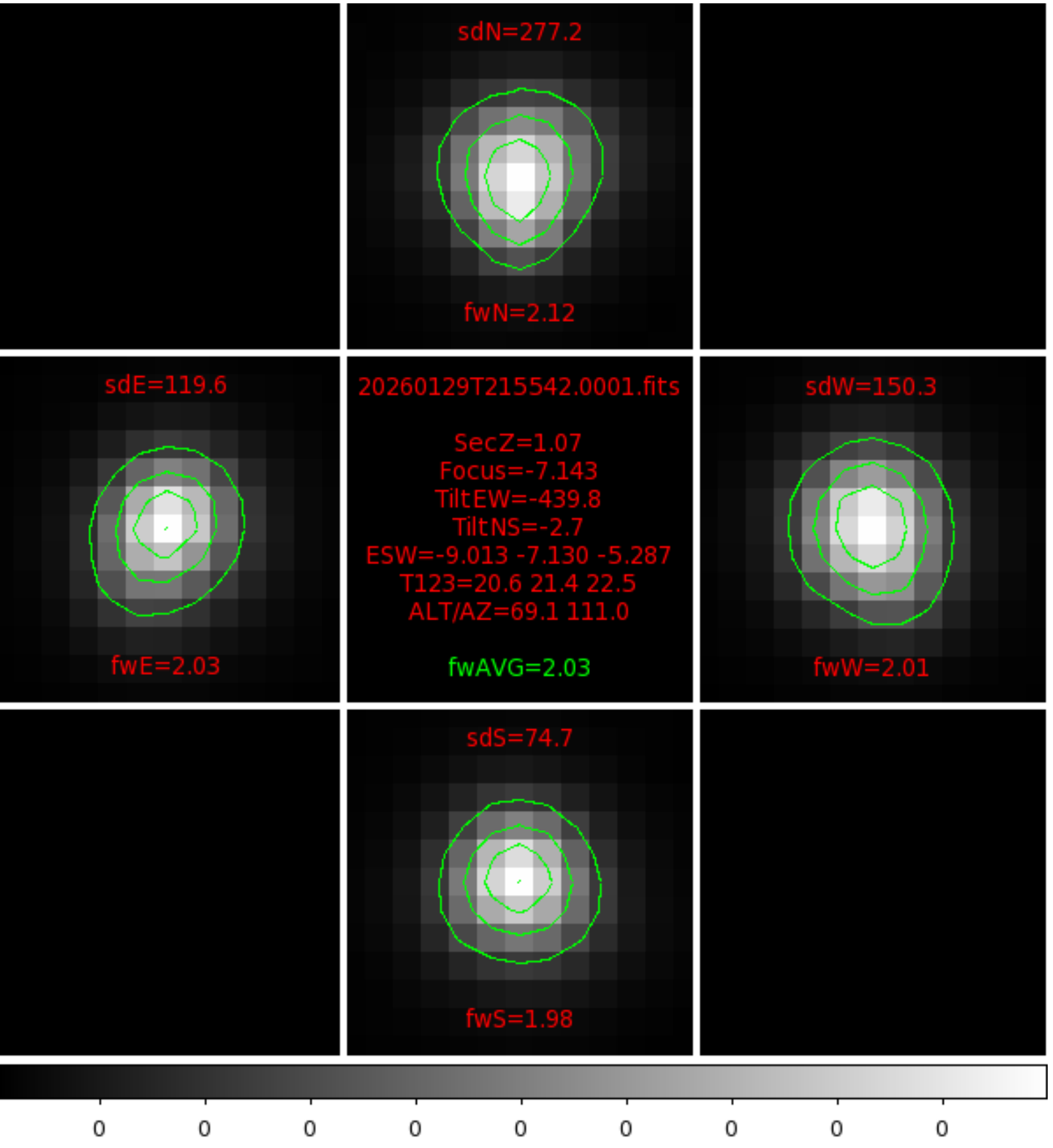
sdN=277.2
fwN=2.12
sdE=119.6
fwE=2.03
20260129T215542.0001.fits
SecZ=1.07
Focus=-7.143
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.013 -7.130 -5.287
T123=20.6 21.4 22.5
ALT/AZ=69.1 111.0
fwAVG=2.03
sdW=150.3
fwW=2.01
sdS=74.7
fwS=1.98
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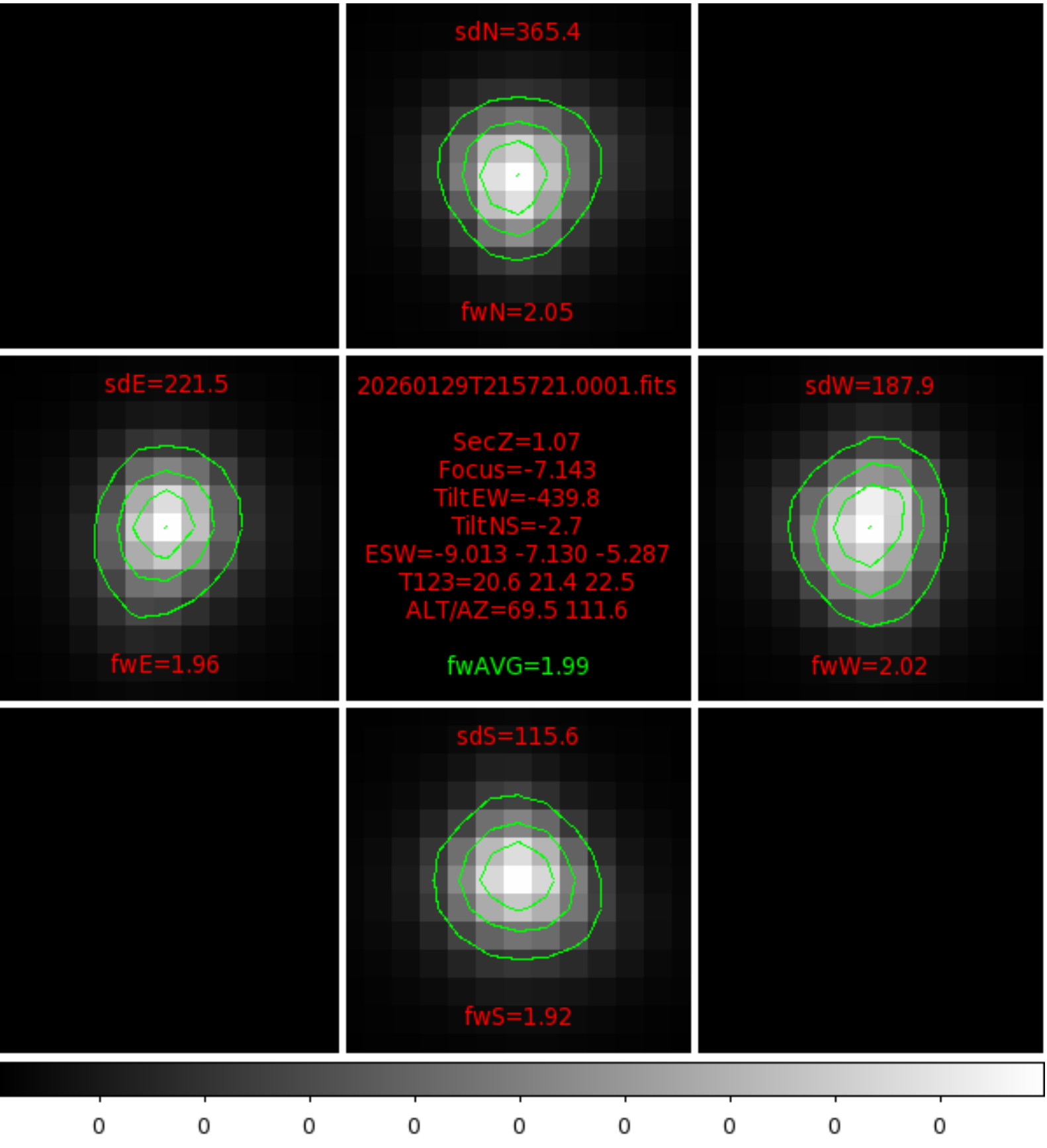
sdN=365.4
fwN=2.05
sdE=221.5
fwE=1.96
20260129T215721.0001.fits
SecZ=1.07
Focus=-7.143
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.013 -7.130 -5.287
T123=20.6 21.4 22.5
ALT/AZ=69.5 111.6
fwAVG=1.99
sdW=187.9
fwW=2.02
sdS=115.6
fwS=1.92
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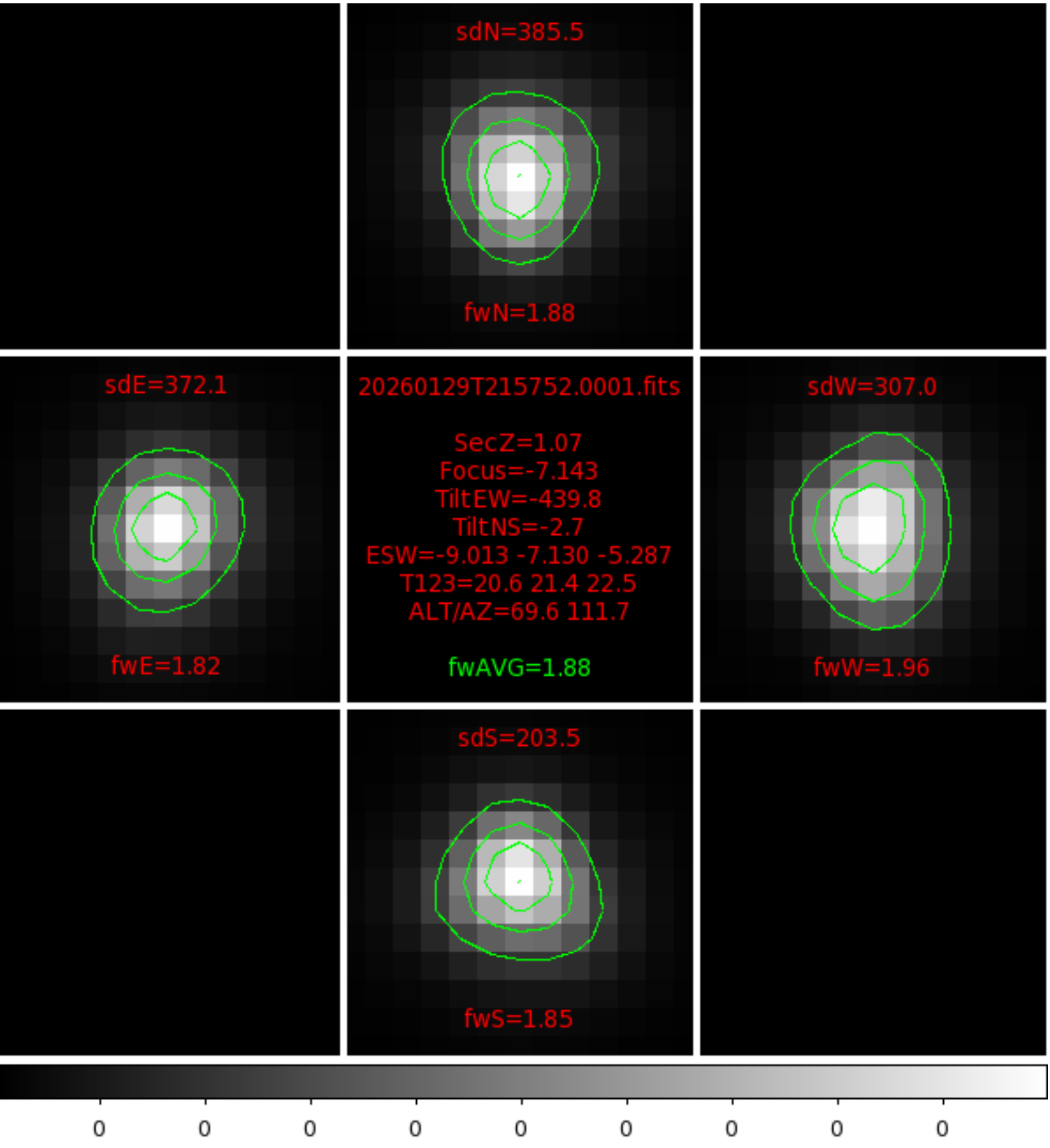
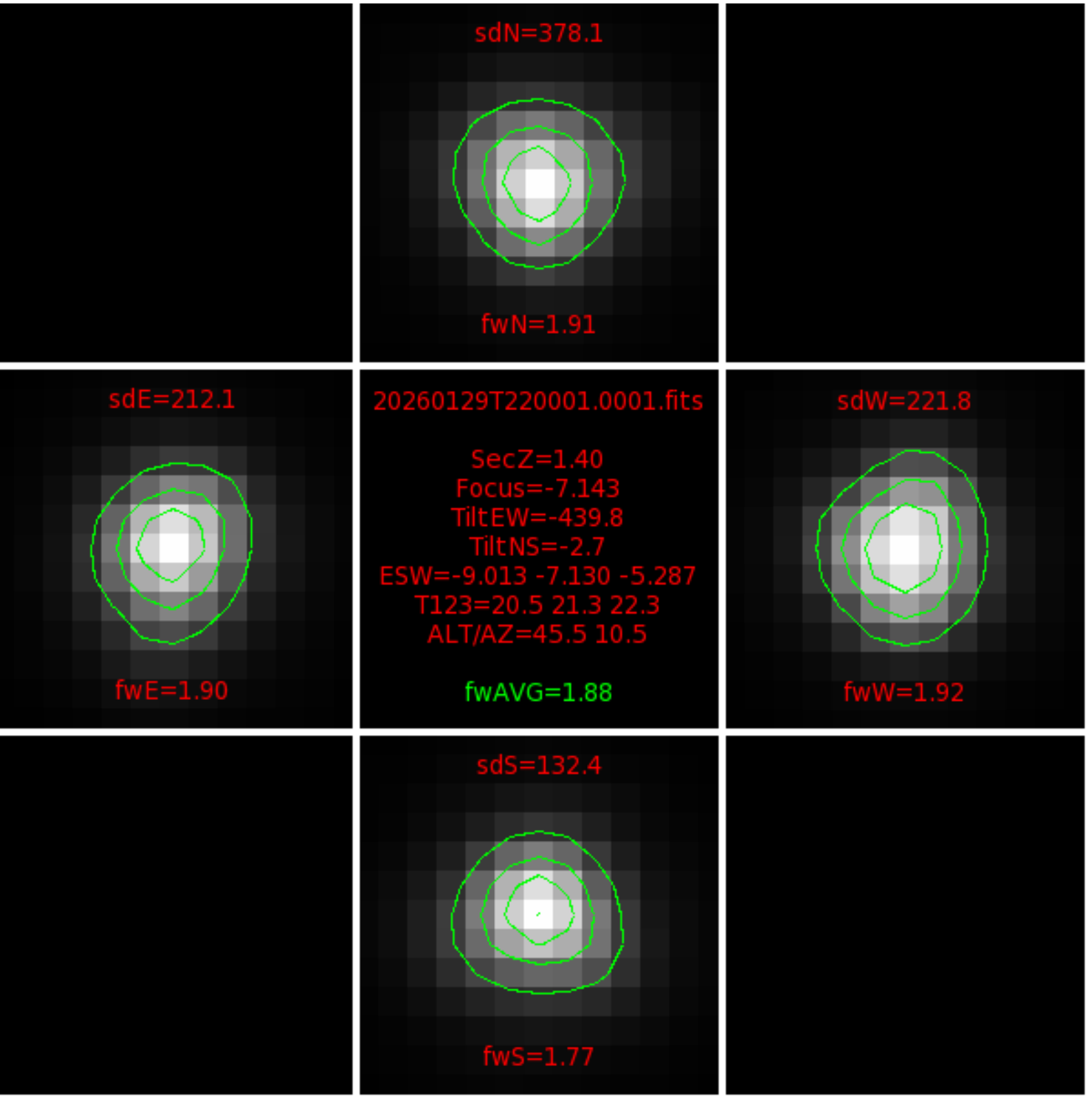

sdN=385.5
fwN=1.88
sdE=372.1
fwE=1.82
20260129T215752.0001.fits
SecZ=1.07
Focus=-7.143
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.013 -7.130 -5.287
T123=20.6 21.4 22.5
ALT/AZ=69.6 111.7
fwAVG=1.88
sdW=307.0
fwW=1.96
sdS=203.5
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=378.1
fwN=1.91
sdE=212.1
fwE=1.90
20260129T220001.0001.fits
SecZ=1.40
Focus=-7.143
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.013 -7.130 -5.287
T123=20.5 21.3 22.3
ALT/AZ=45.5 10.5
fwAVG=1.88
sdW=221.8
fwW=1.92
sdS=132.4
fwS=1.77
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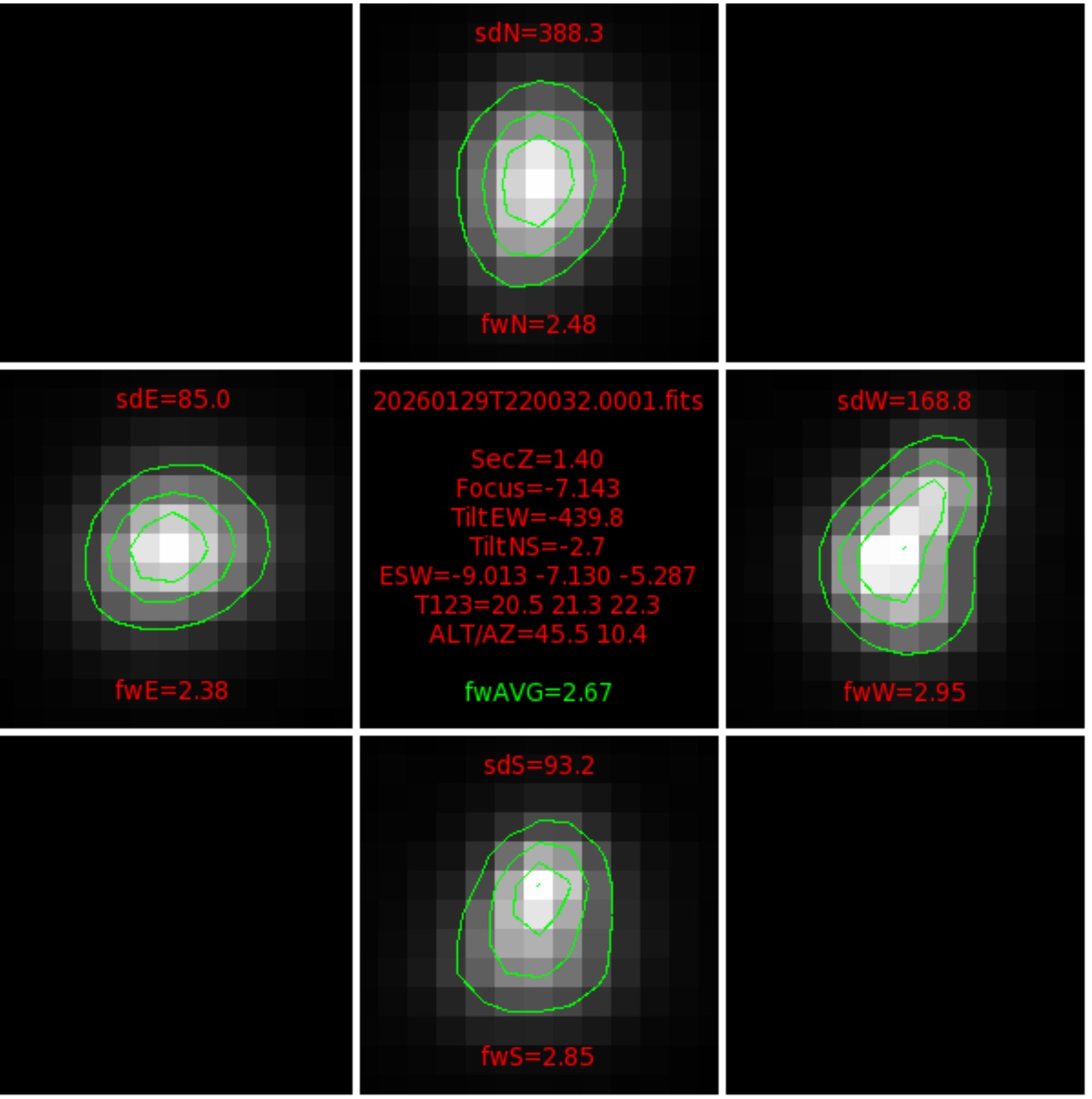
sdN=388.3
fwN=2.48
sdE=85.0
fwE=2.38
20260129T220032.0001.fits
SecZ=1.40
Focus=-7.143
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.013 -7.130 -5.287
T123=20.5 21.3 22.3
ALT/AZ=45.5 10.4
fwAVG=2.67
sdW=168.8
fwW=2.95
sdS=93.2
fwS=2.85
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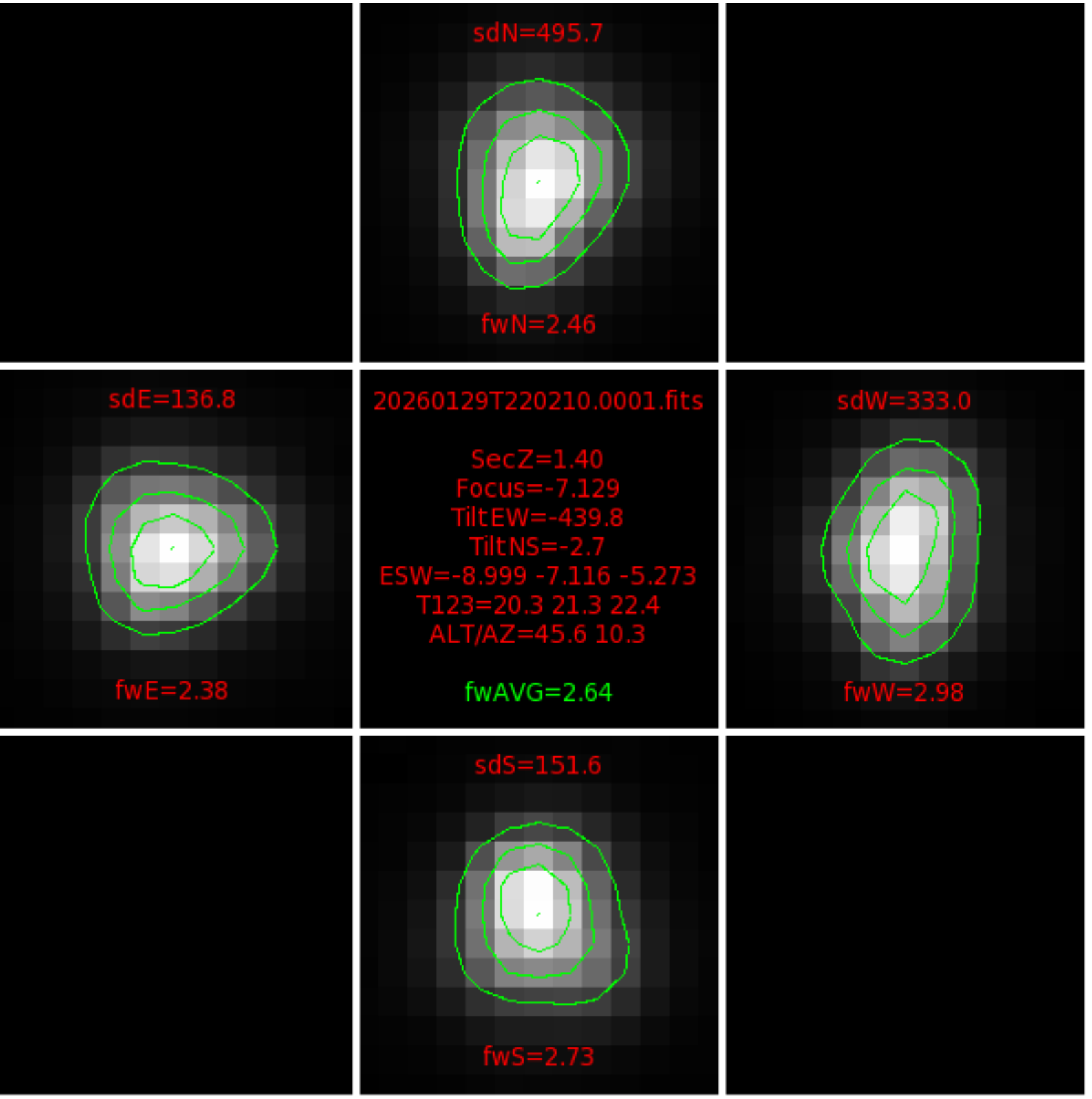
sdN=495.7
fwN=2.46
sdE=136.8
fwE=2.38
20260129T220210.0001.fits
SecZ=1.40
Focus=-7.129
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.999 -7.116 -5.273
T123=20.3 21.3 22.4
ALT/AZ=45.6 10.3
fwAVG=2.64
sdW=333.0
fwW=2.98
sdS=151.6
fwS=2.73
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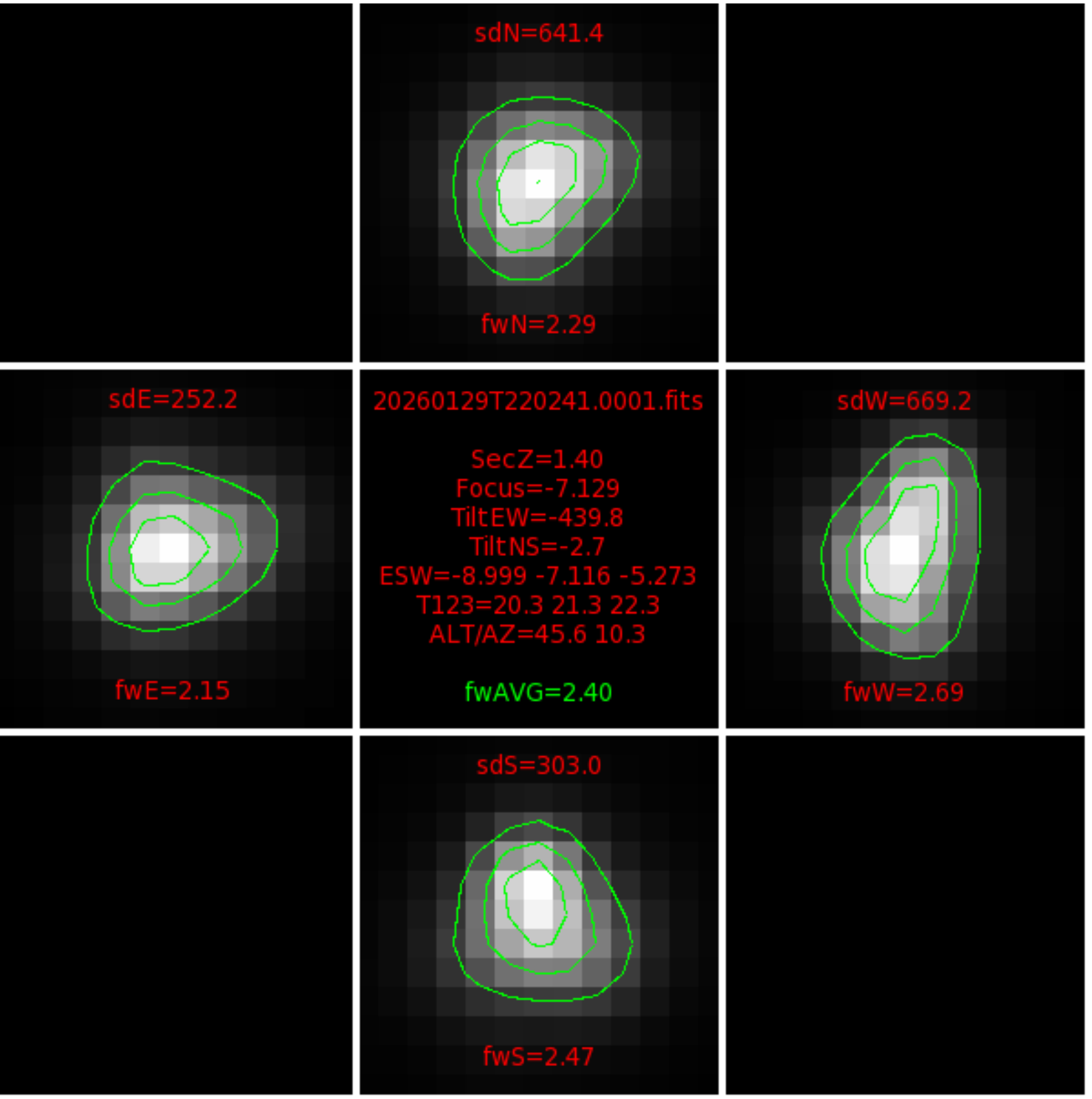
sdN=641.4
fwN=2.29
sdE=252.2
fwE=2.15
20260129T220241.0001.fits
SecZ=1.40
Focus=-7.129
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.999 -7.116 -5.273
T123=20.3 21.3 22.3
ALT/AZ=45.6 10.3
fwAVG=2.40
sdW=669.2
fwW=2.69
sdS=303.0
fwS=2.47
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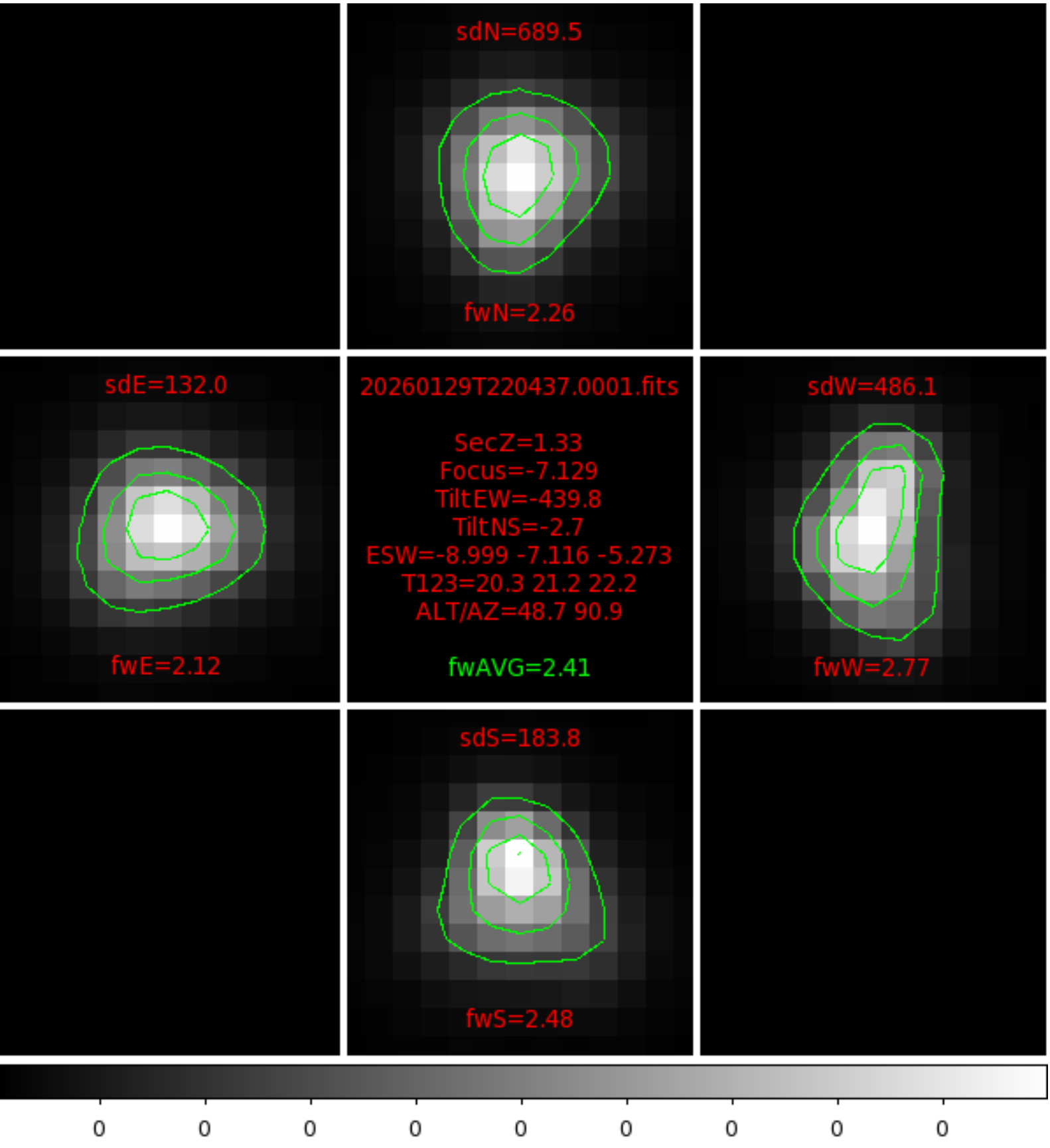
sdN=689.5
fwN=2.26
sdE=132.0
fwE=2.12
20260129T220437.0001.fits
SecZ=1.33
Focus=-7.129
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.999 -7.116 -5.273
T123=20.3 21.2 22.2
ALT/AZ=48.7 90.9
fwAVG=2.41
sdW=486.1
fwW=2.77
sdS=183.8
fwS=2.48
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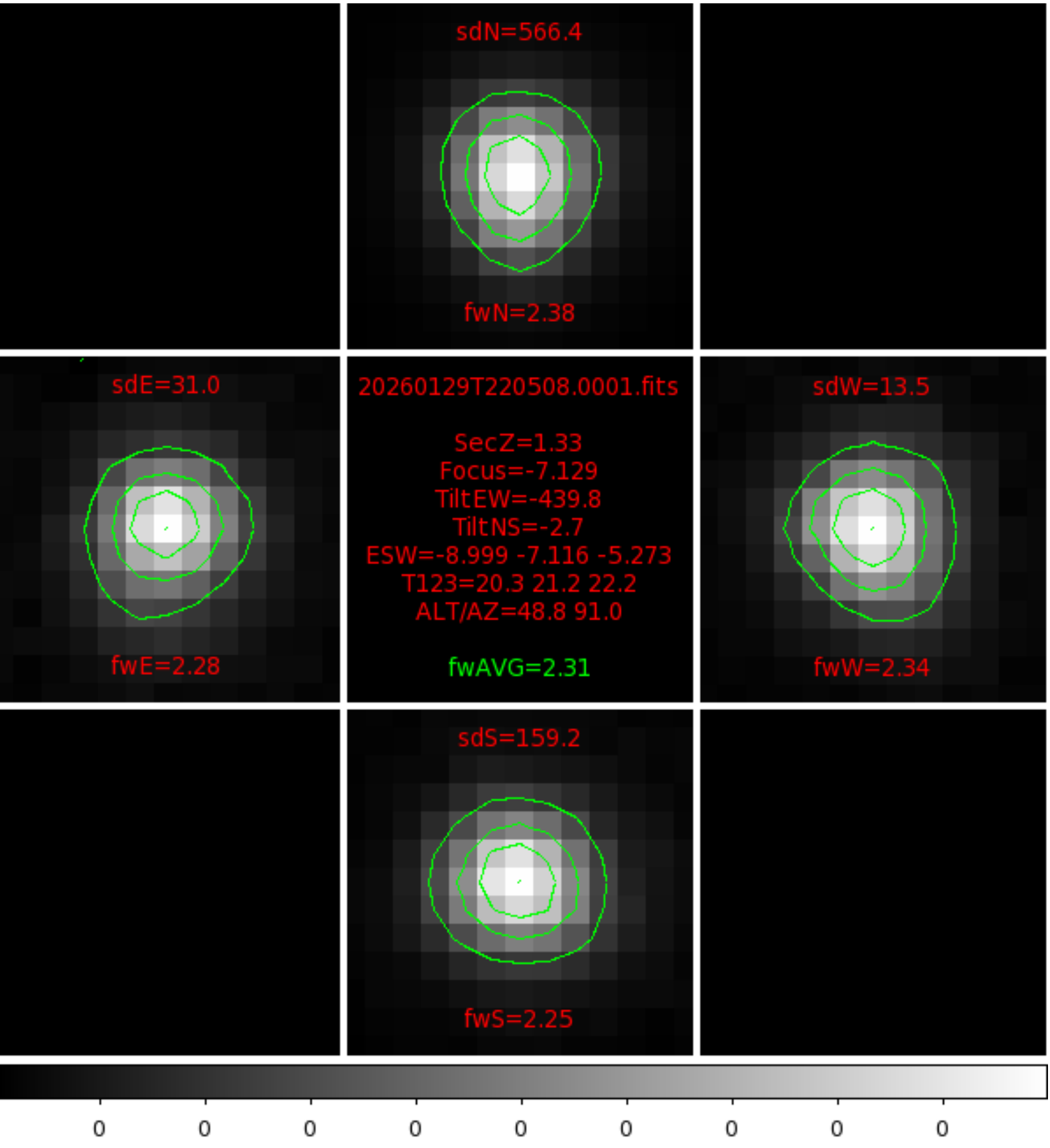
sdN=566.4
fwN=2.38
sdE=31.0
fwE=2.28
20260129T220508.0001.fits
SecZ=1.33
Focus=-7.129
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.999 -7.116 -5.273
T123=20.3 21.2 22.2
ALT/AZ=48.8 91.0
fwAVG=2.31
sdW=13.5
fwW=2.34
sdS=159.2
fwS=2.25
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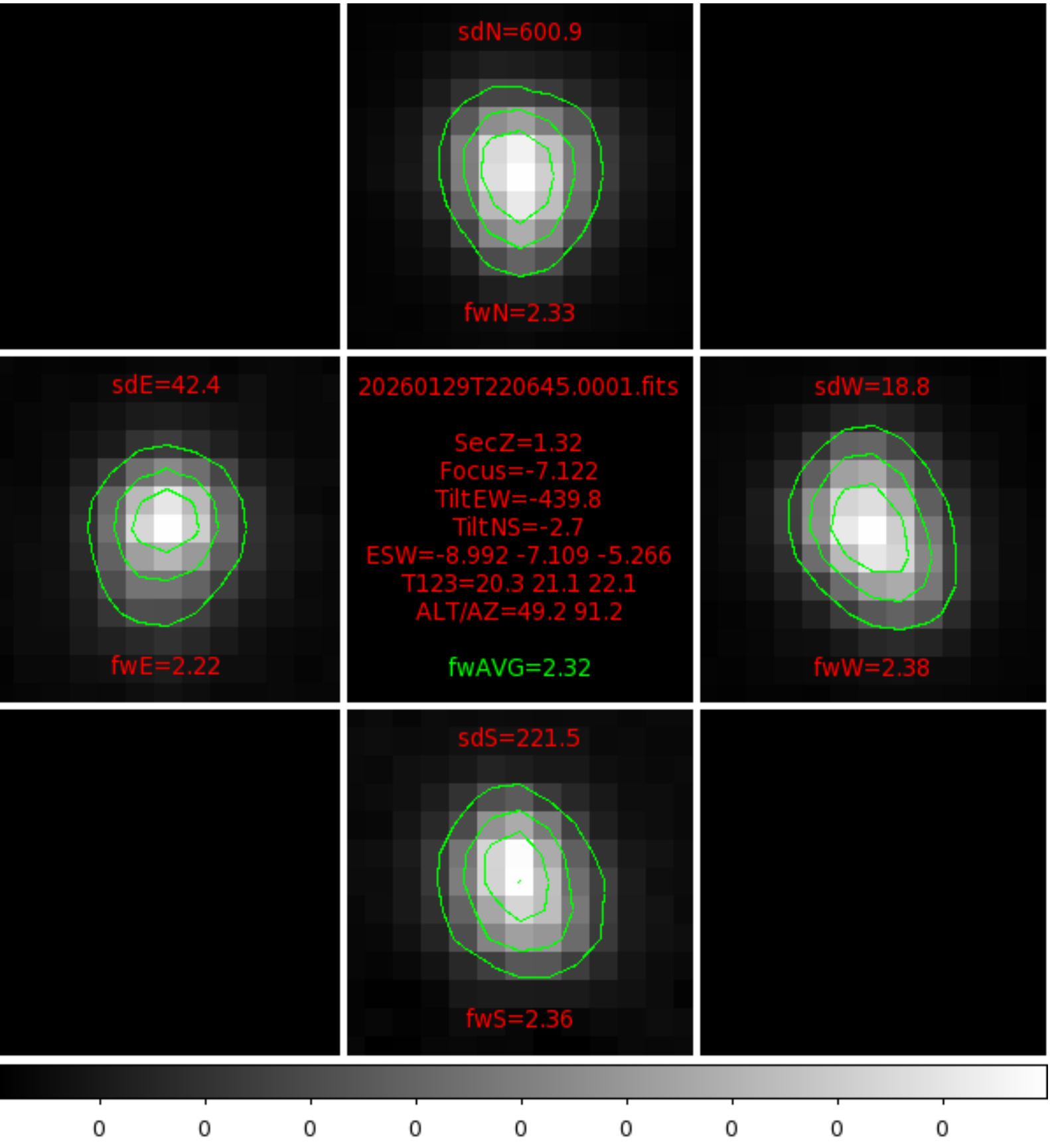
sdN=600.9
fwN=2.33
sdE=42.4
fwE=2.22
20260129T220645.0001.fits
SecZ=1.32
Focus=-7.122
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.992 -7.109 -5.266
T123=20.3 21.1 22.1
ALT/AZ=49.2 91.2
fwAVG=2.32
sdW=18.8
fwW=2.38
sdS=221.5
fwS=2.36
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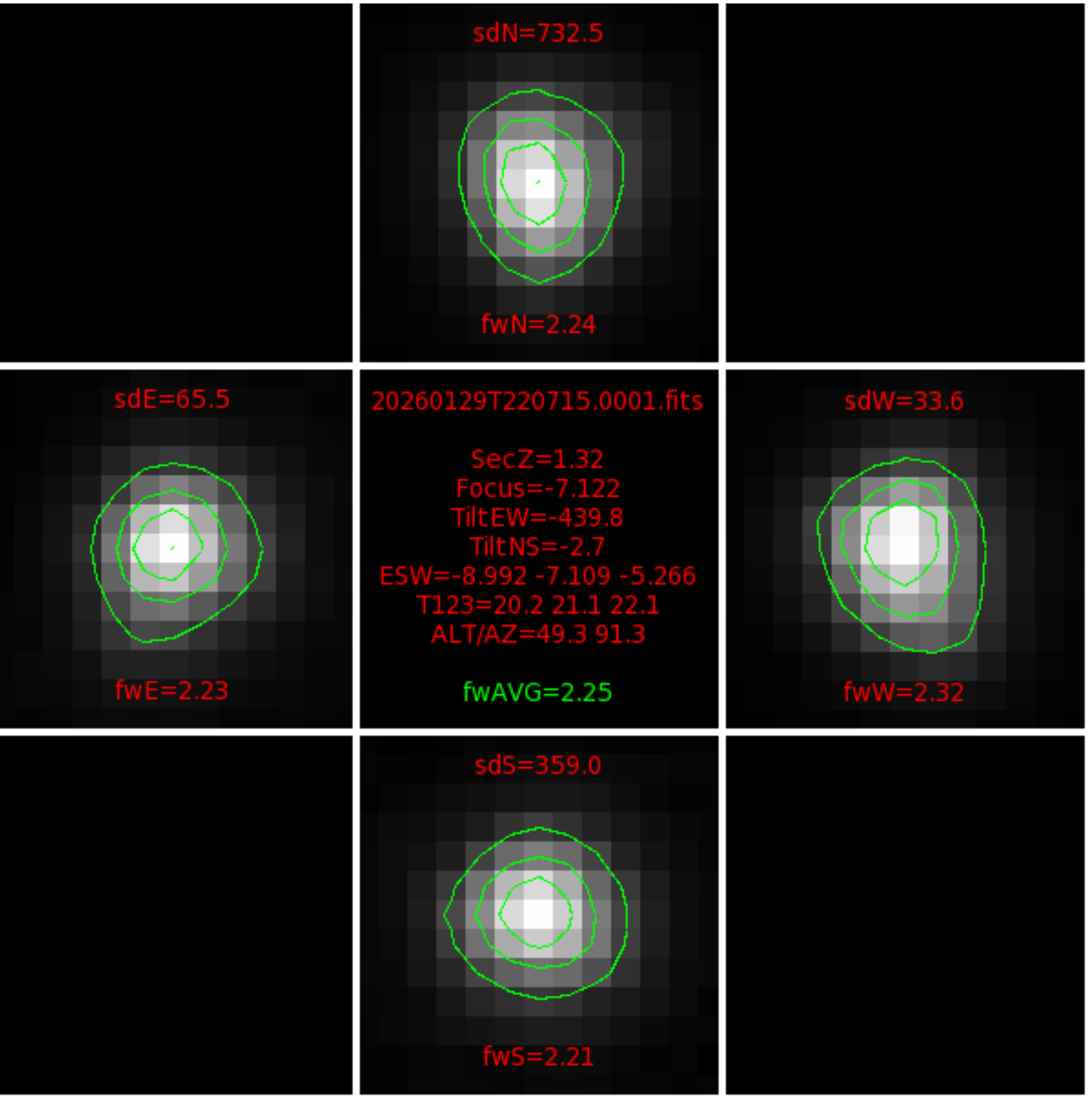
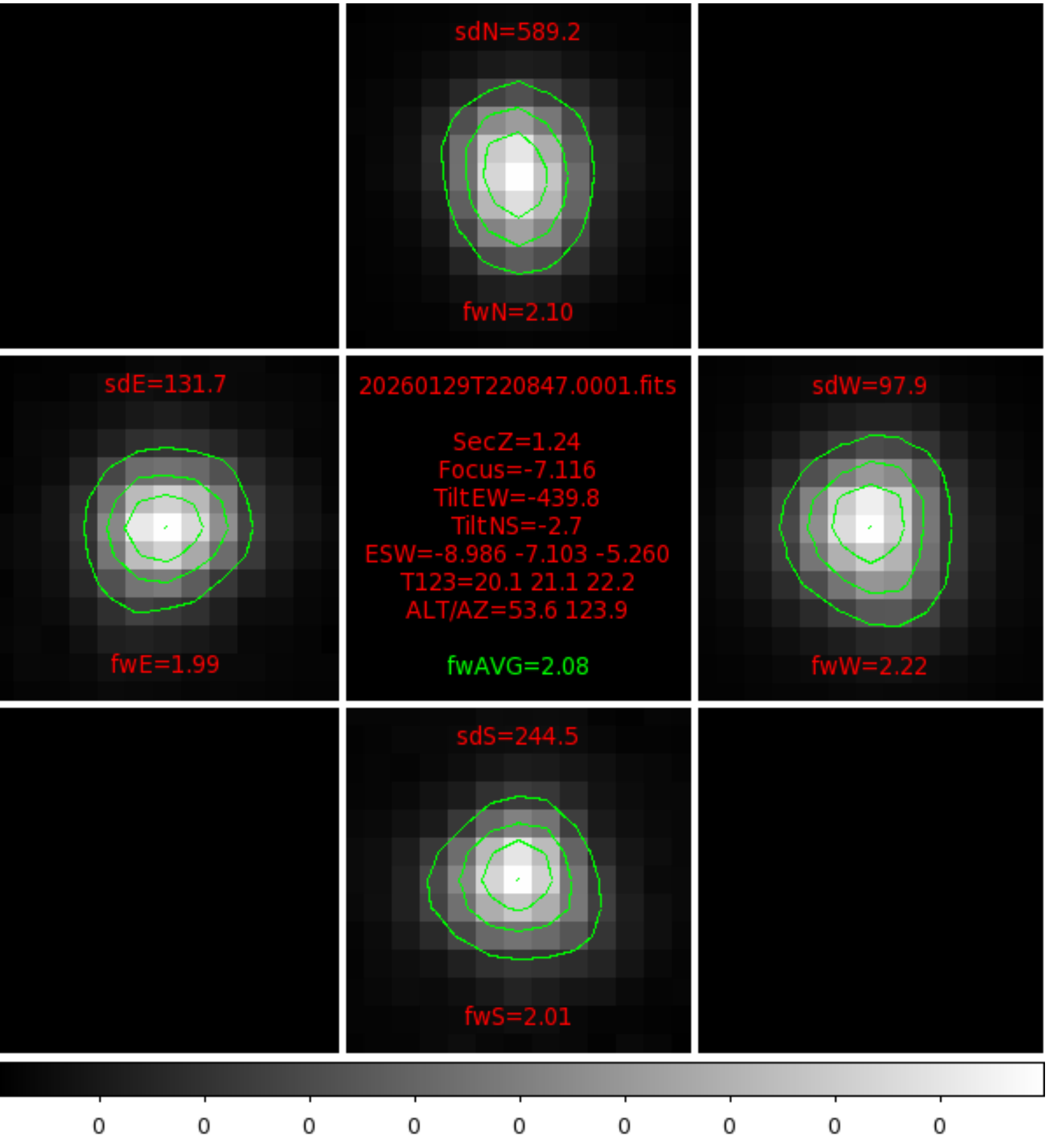

sdN=732.5
fwN=2.24
sdE=65.5
fwE=2.23
20260129T220715.0001.fits
SecZ=1.32
Focus=-7.122
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.992 -7.109 -5.266
T123=20.2 21.1 22.1
ALT/AZ=49.3 91.3
fwAVG=2.25
sdW=33.6
fwW=2.32
sdS=359.0
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=589.2
fwN=2.10
sdE=131.7
fwE=1.99
20260129T220847.0001.fits
SecZ=1.24
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.1 21.1 22.2
ALT/AZ=53.6 123.9
fwAVG=2.08
sdW=97.9
fwW=2.22
sdS=244.5
fwS=2.01
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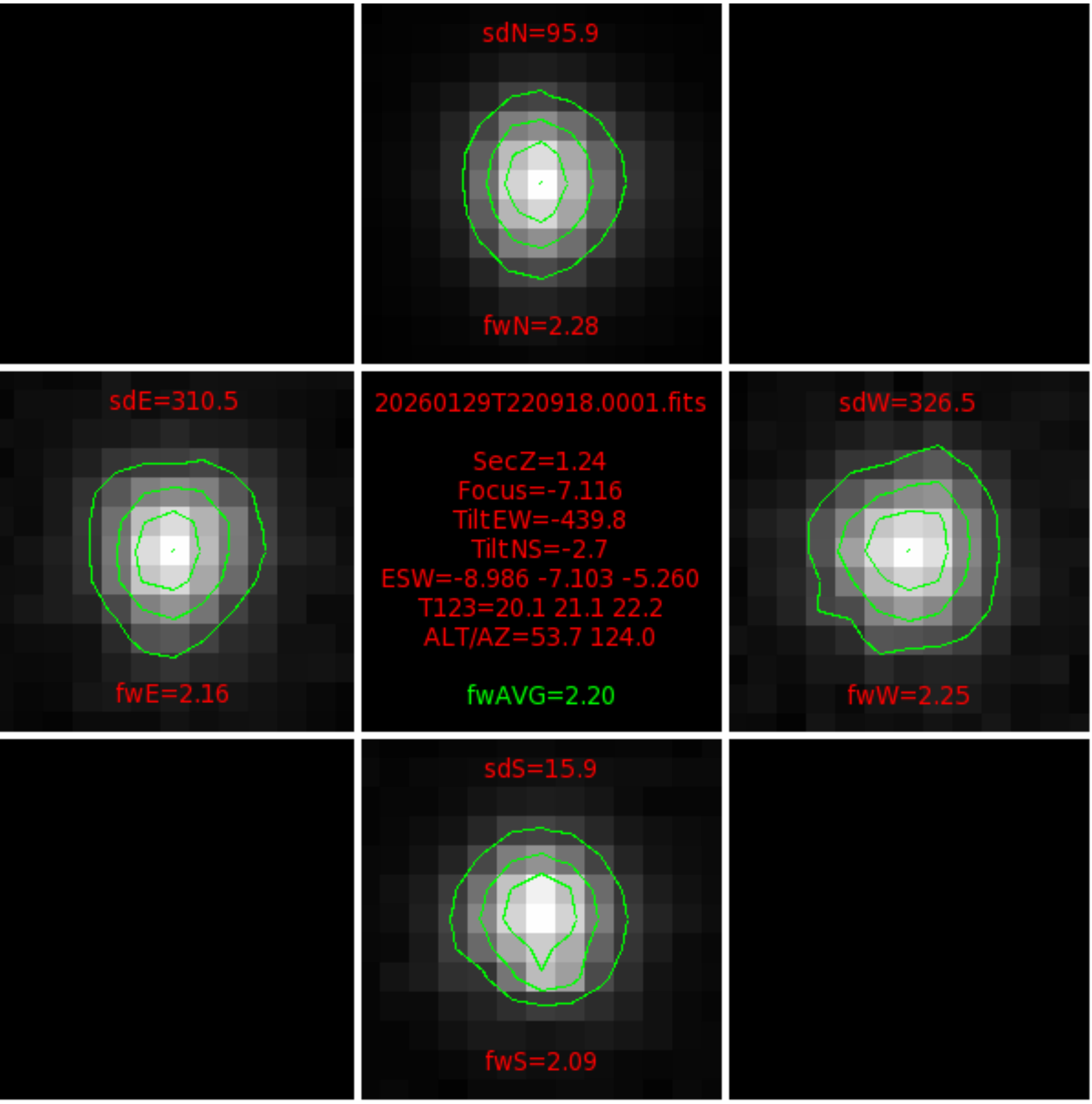
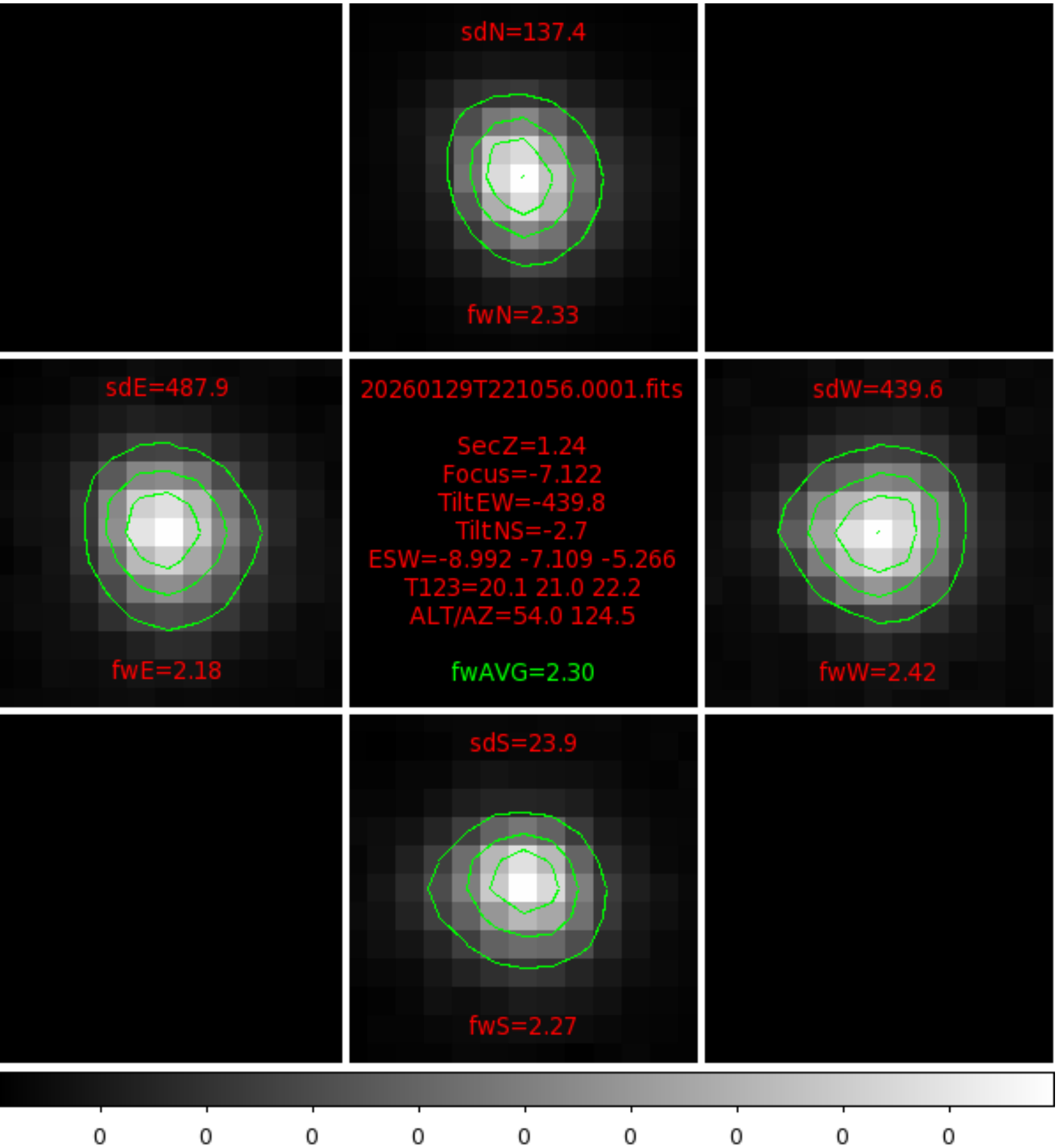
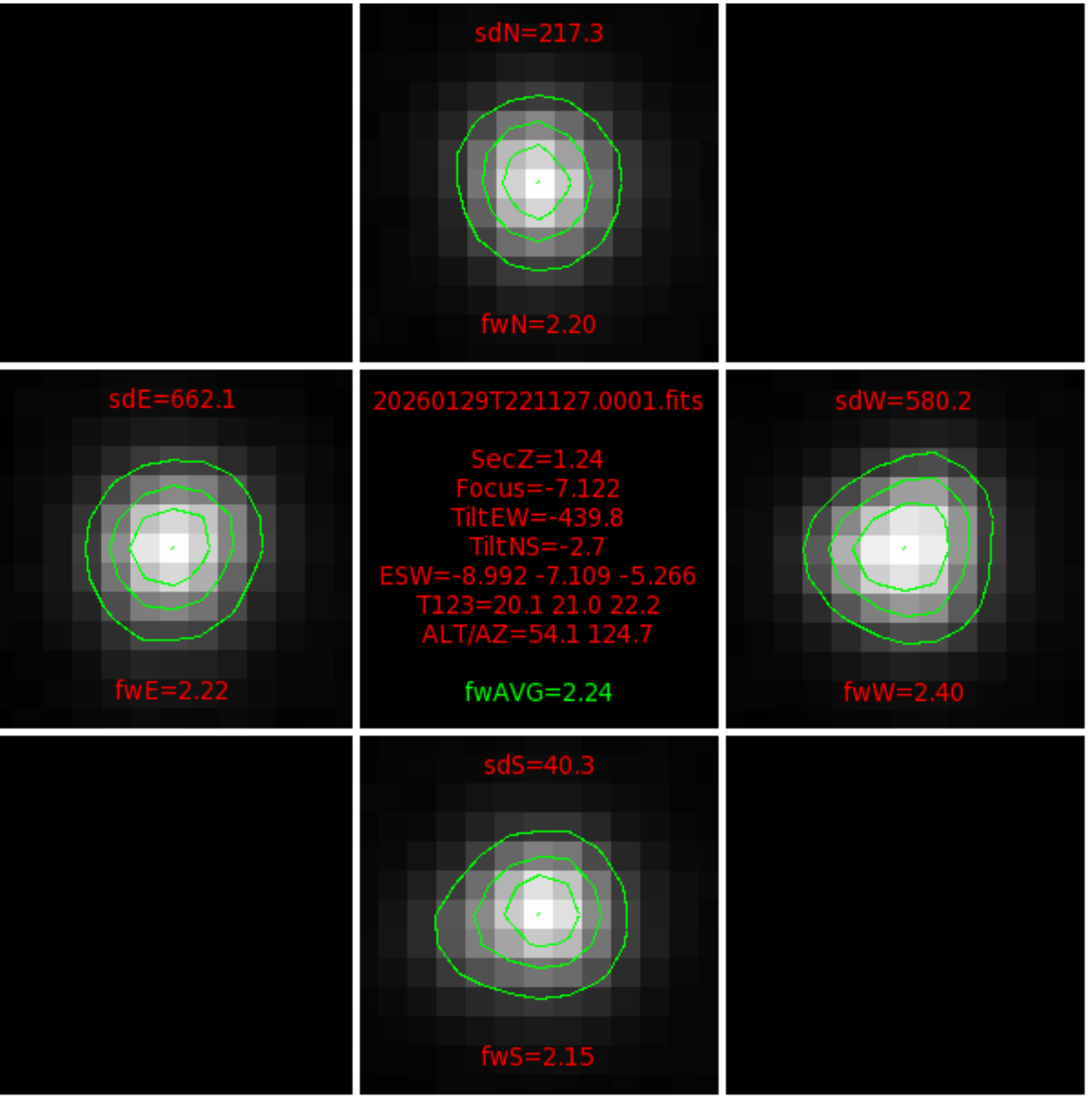
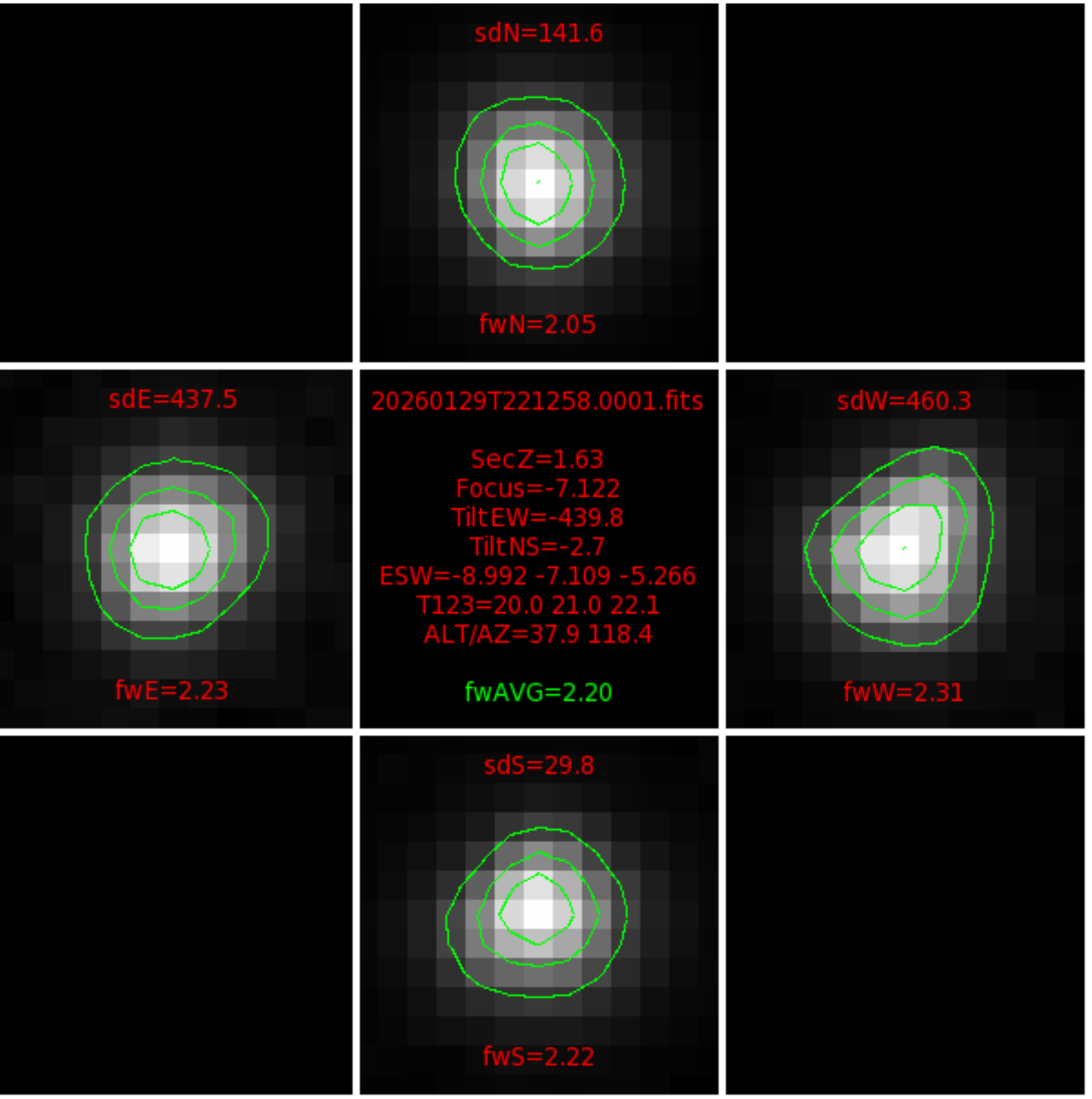
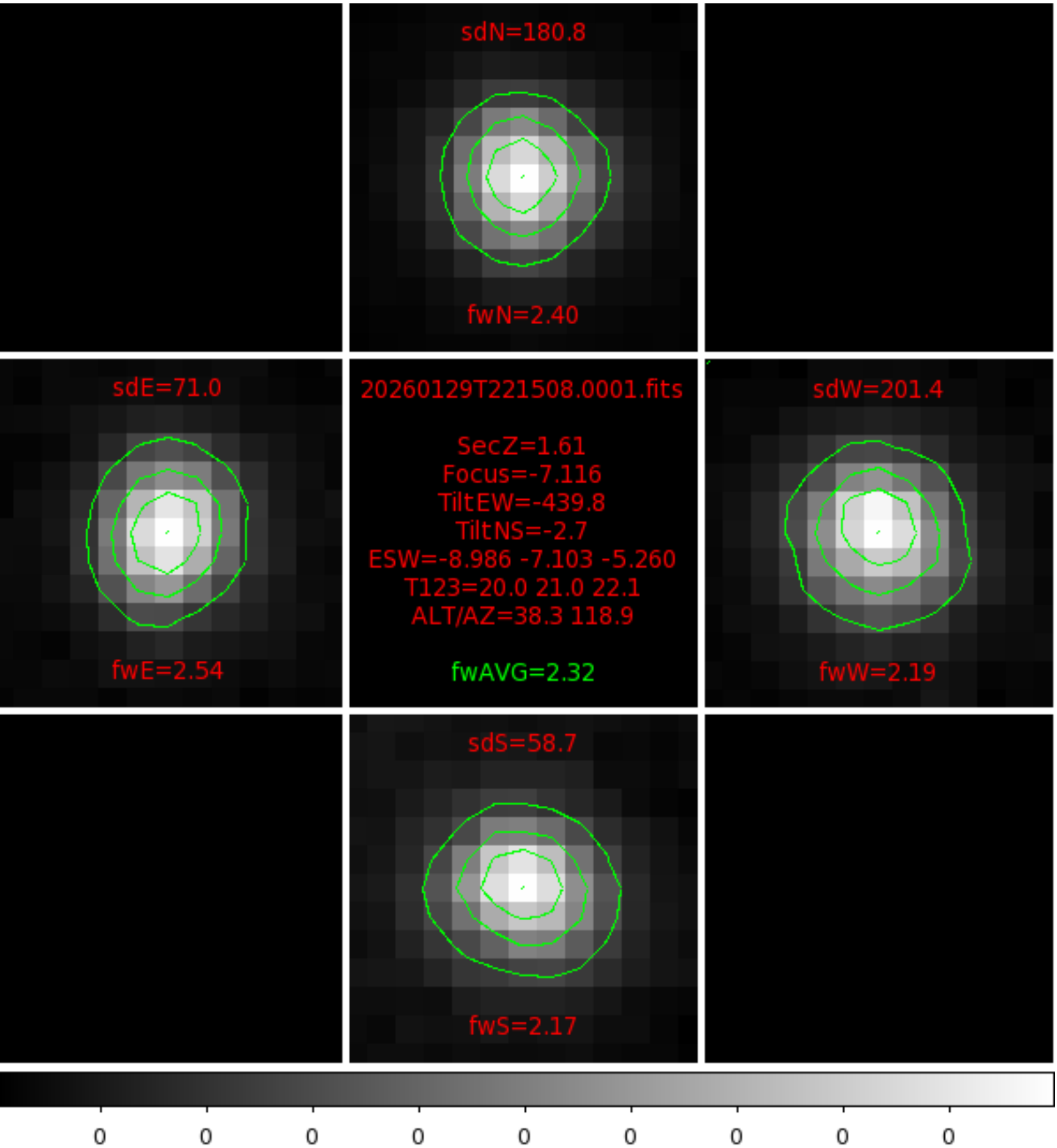
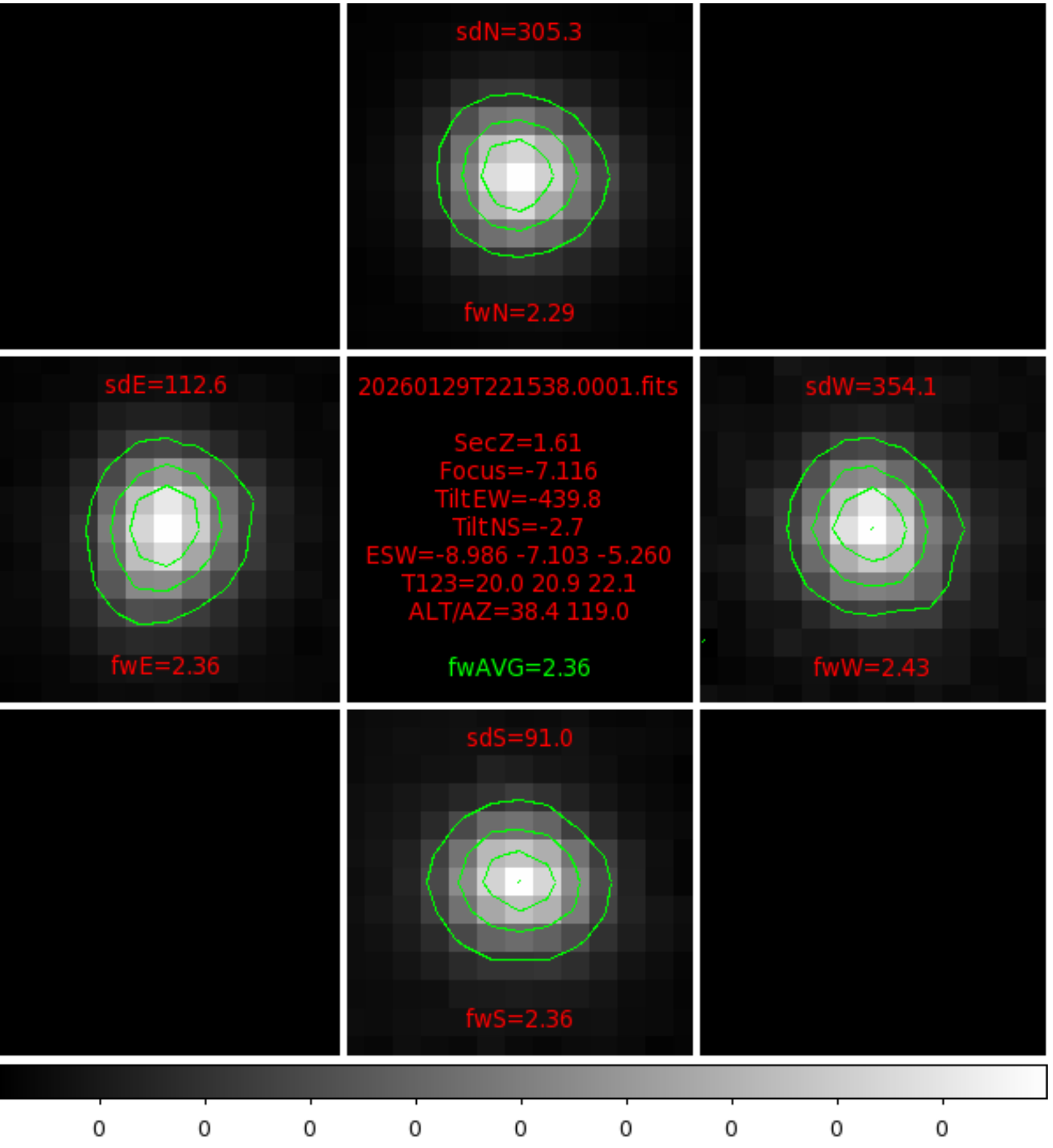

sdN=95.9
fwN=2.28
sdE=310.5
fwE=2.16
20260129T220918.0001.fits
SecZ=1.24
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.1 21.1 22.2
ALT/AZ=53.7 124.0
fwAVG=2.20
sdW=326.5
fwW=2.25
sdS=15.9
fwS=2.09
0 0 0 0 0 0 0 0 0

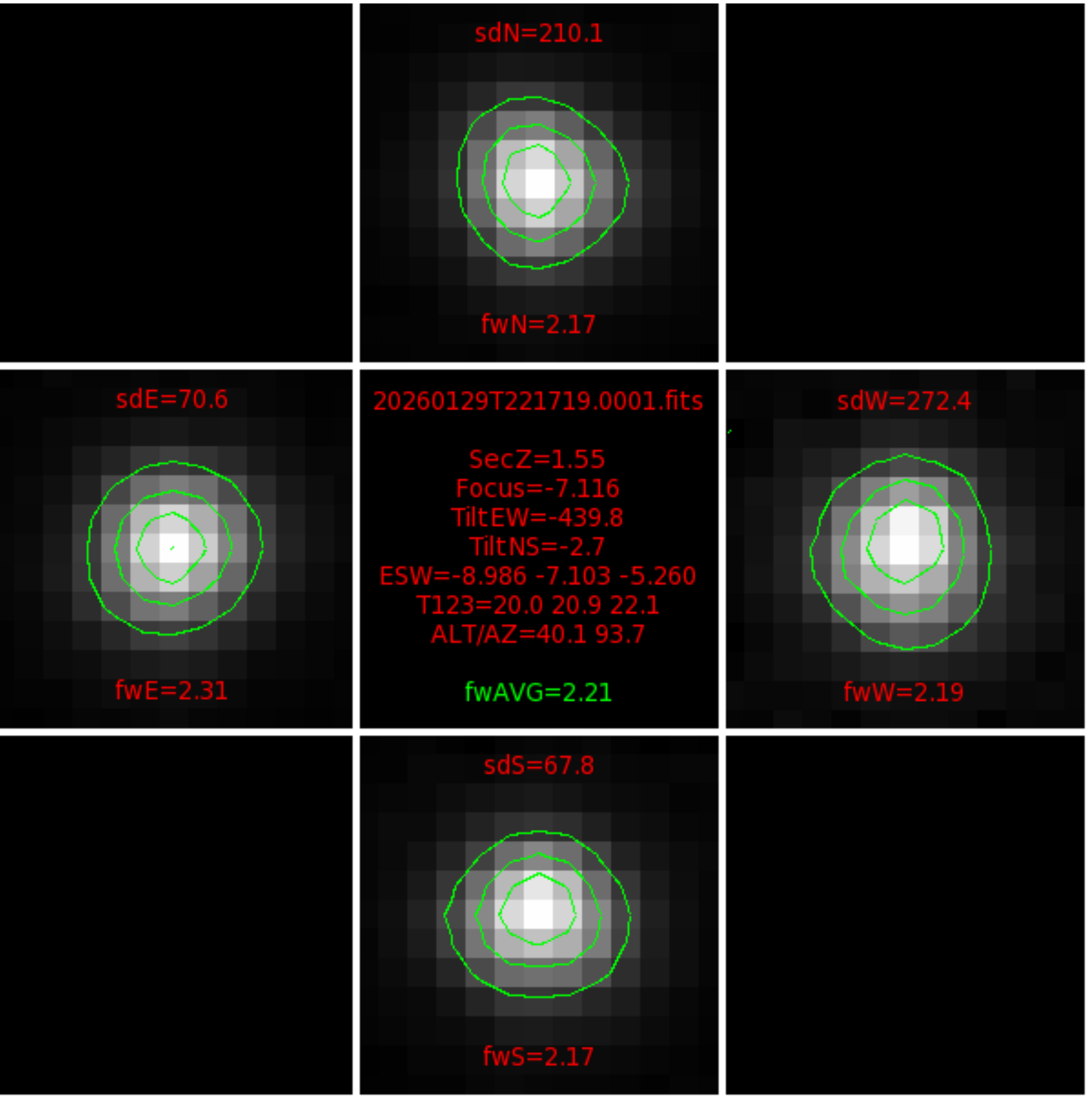

sdN=137.4
fwN=2.33
sdE=487.9
fwE=2.18
20260129T221056.0001.fits
SecZ=1.24
Focus=-7.122
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.992 -7.109 -5.266
T123=20.1 21.0 22.2
ALT/AZ=54.0 124.5
fwAVG=2.30
sdW=439.6
fwW=2.42
sdS=23.9
fwS=2.27
0 0 0 0 0 0 0 0 0

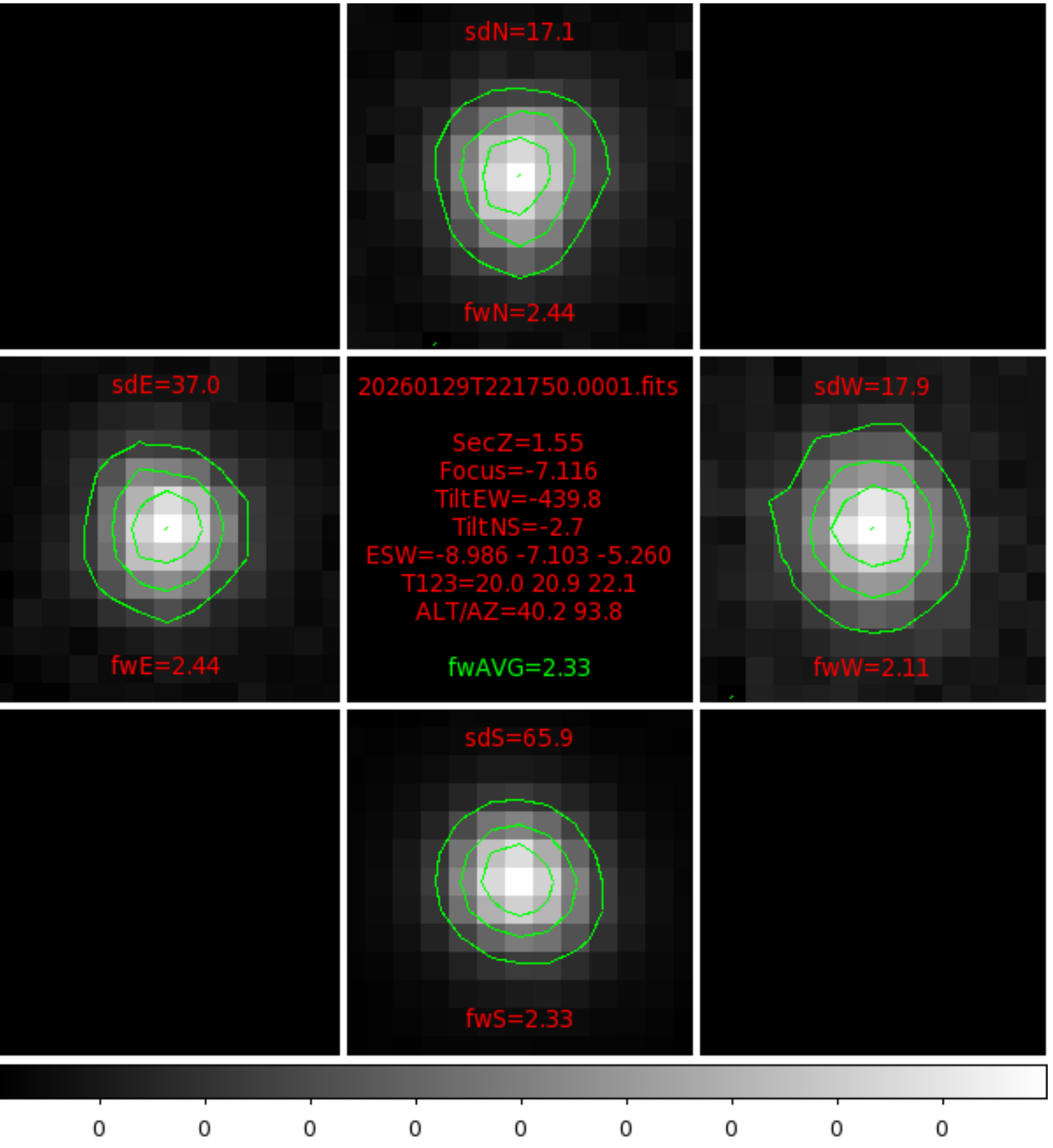

sdN=217.3
fwN=2.20
sdE=662.1
fwE=2.22
20260129T221127.0001.fits
SecZ=1.24
Focus=-7.122
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.992 -7.109 -5.266
T123=20.1 21.0 22.2
ALT/AZ=54.1 124.7
fwAVG=2.24
sdW=580.2
fwW=2.40
sdS=40.3
fwS=2.15
0 0 0 0 0 0 0 0 0

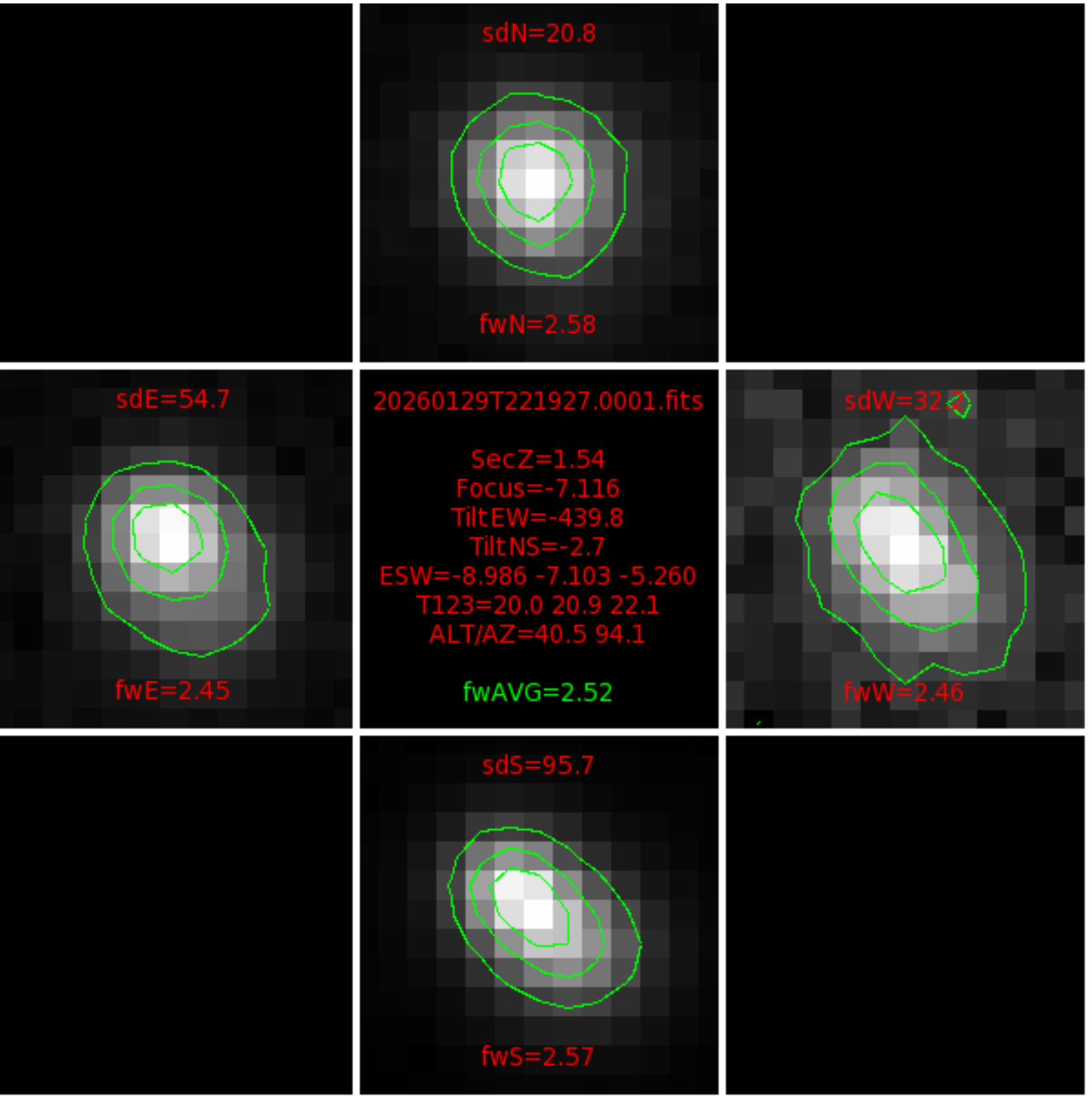

sdN=141.6
fwN=2.05
sdE=437.5
fwE=2.23
20260129T221258.0001.fits
SecZ=1.63
Focus=-7.122
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.992 -7.109 -5.266
T123=20.0 21.0 22.1
ALT/AZ=37.9 118.4
fwAVG=2.20
sdW=460.3
fwW=2.31
sdS=29.8
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=180.8
fwN=2.40
sdE=71.0
fwE=2.54
20260129T221508.0001.fits
SecZ=1.61
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.0 21.0 22.1
ALT/AZ=38.3 118.9
fwAVG=2.32
sdW=201.4
fwW=2.19
sdS=58.7
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=305.3
fwN=2.29
sdE=112.6
fwE=2.36
20260129T221538.0001.fits
SecZ=1.61
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.0 20.9 22.1
ALT/AZ=38.4 119.0
fwAVG=2.36
sdW=354.1
fwW=2.43
sdS=91.0
fwS=2.36
0 0 0 0 0 0 0 0 0


sdN=210.1
fwN=2.17
sdE=70.6
fwE=2.31
20260129T221719.0001.fits
SecZ=1.55
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.0 20.9 22.1
ALT/AZ=40.1 93.7
fwAVG=2.21
sdW=272.4
fwW=2.19
sdS=67.8
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=17.1
fwN=2.44
sdE=37.0
fwE=2.44
20260129T221750.0001.fits
SecZ=1.55
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.0 20.9 22.1
ALT/AZ=40.2 93.8
fwAVG=2.33
sdW=17.9
fwW=2.11
sdS=65.9
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=20.8
fwN=2.58
sdE=54.7
fwE=2.45
20260129T221927.0001.fits
SecZ=1.54
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.0 20.9 22.1
ALT/AZ=40.5 94.1
fwAVG=2.52
sdW=32.2
fwW=2.46
sdS=95.7
fwS=2.57
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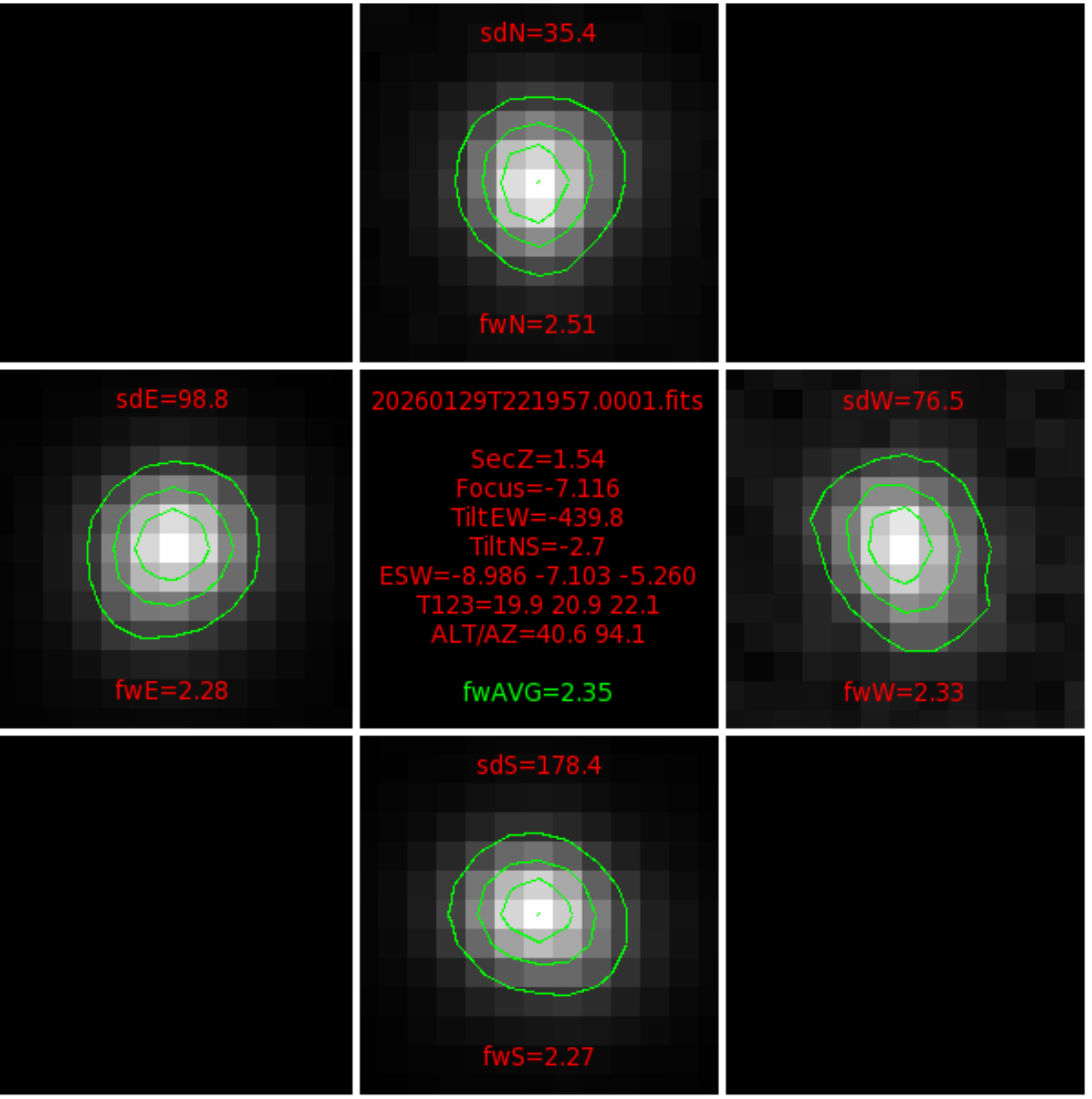
sdN=35.4
fwN=2.51
sdE=98.8
fwE=2.28
20260129T221957.0001.fits
SecZ=1.54
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=19.9 20.9 22.1
ALT/AZ=40.6 94.1
fwAVG=2.35
sdW=76.5
fwW=2.33
sdS=178.4
fwS=2.27
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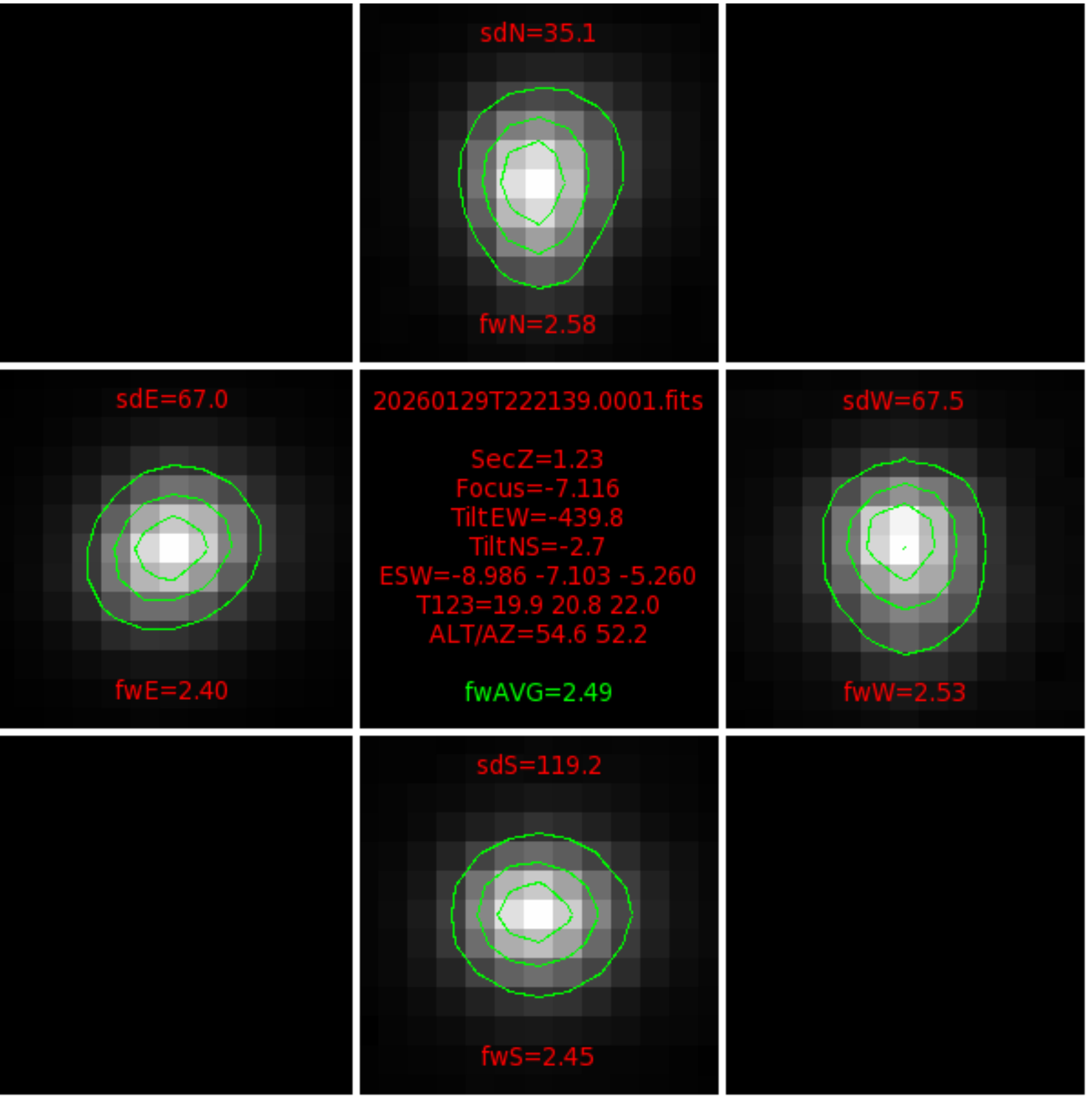
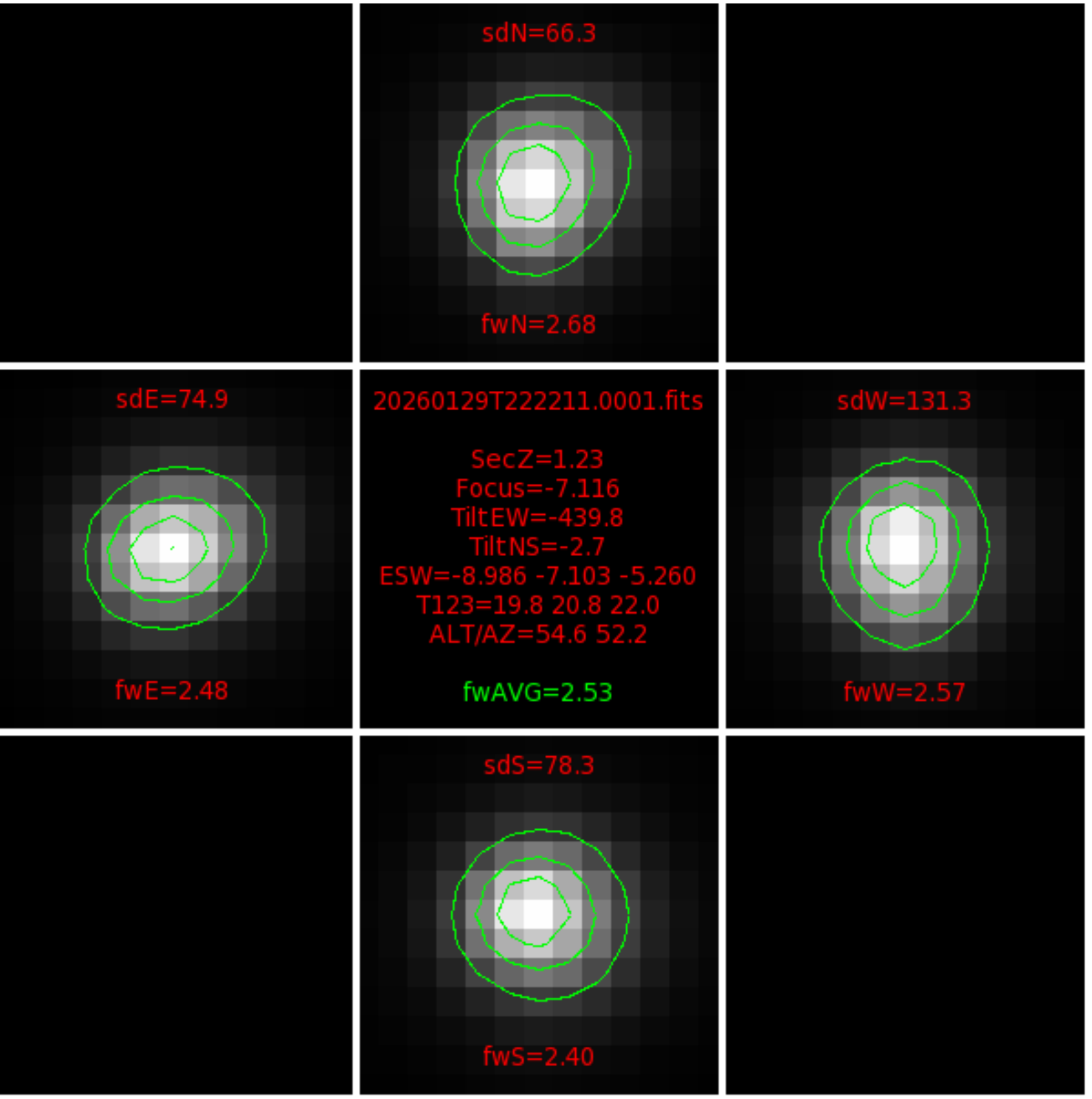
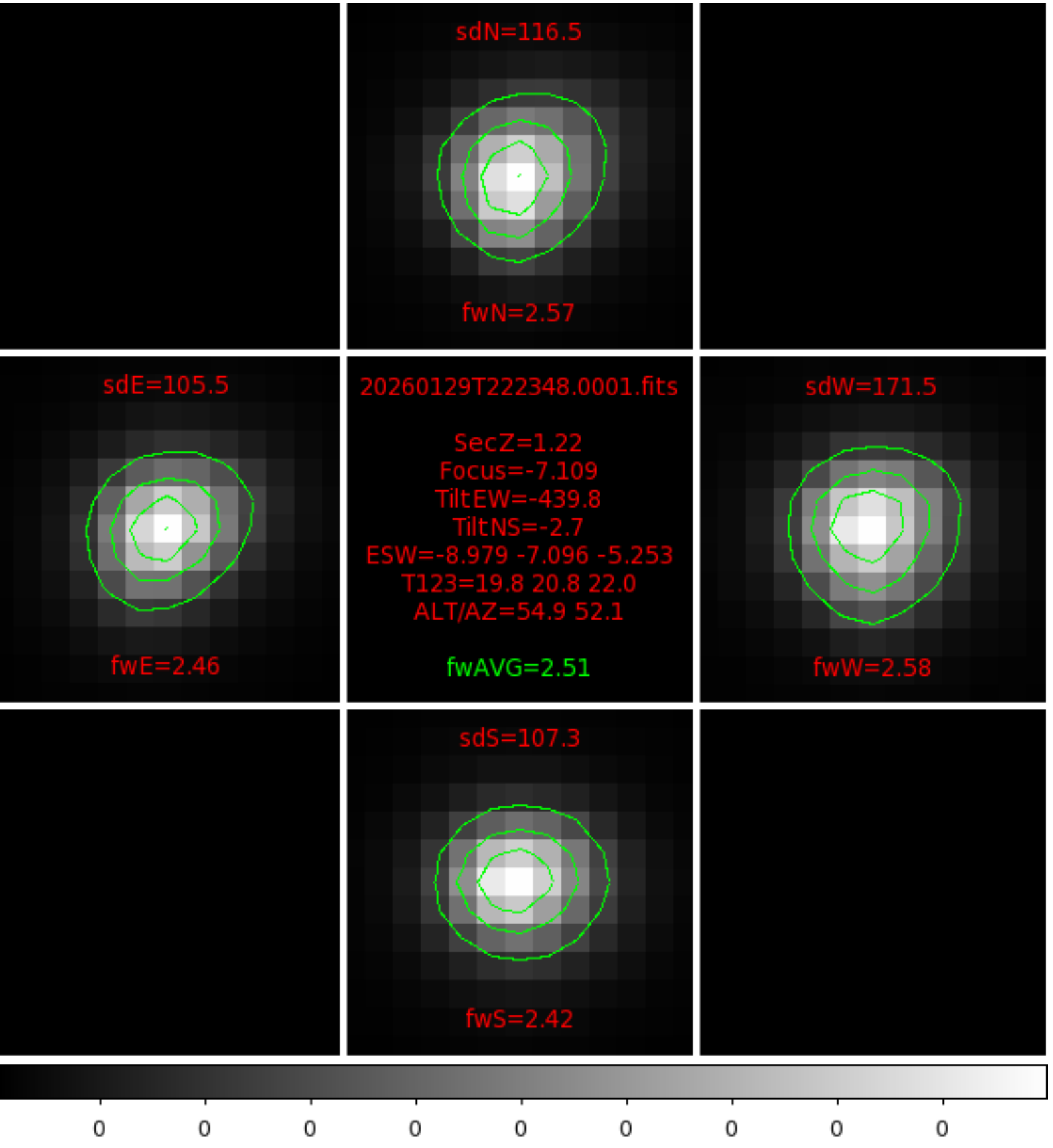

sdN=35.1
fwN=2.58
sdE=67.0
fwE=2.40
20260129T222139.0001.fits
SecZ=1.23
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=19.9 20.8 22.0
ALT/AZ=54.6 52.2
fwAVG=2.49
sdW=67.5
fwW=2.53
sdS=119.2
fwS=2.45
0 0 0 0 0 0 0 0 0


sdN=66.3
fwN=2.68
sdE=74.9
fwE=2.48
20260129T222211.0001.fits
SecZ=1.23
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=19.8 20.8 22.0
ALT/AZ=54.6 52.2
fwAVG=2.53
sdW=131.3
fwW=2.57
sdS=78.3
fwS=2.40
0 0 0 0 0 0 0 0 0


sdN=116.5
fwN=2.57
sdE=105.5
fwE=2.46
20260129T222348.0001.fits
SecZ=1.22
Focus=-7.109
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.979 -7.096 -5.253
T123=19.8 20.8 22.0
ALT/AZ=54.9 52.1
fwAVG=2.51
sdW=171.5
fwW=2.58
sdS=107.3
fwS=2.42
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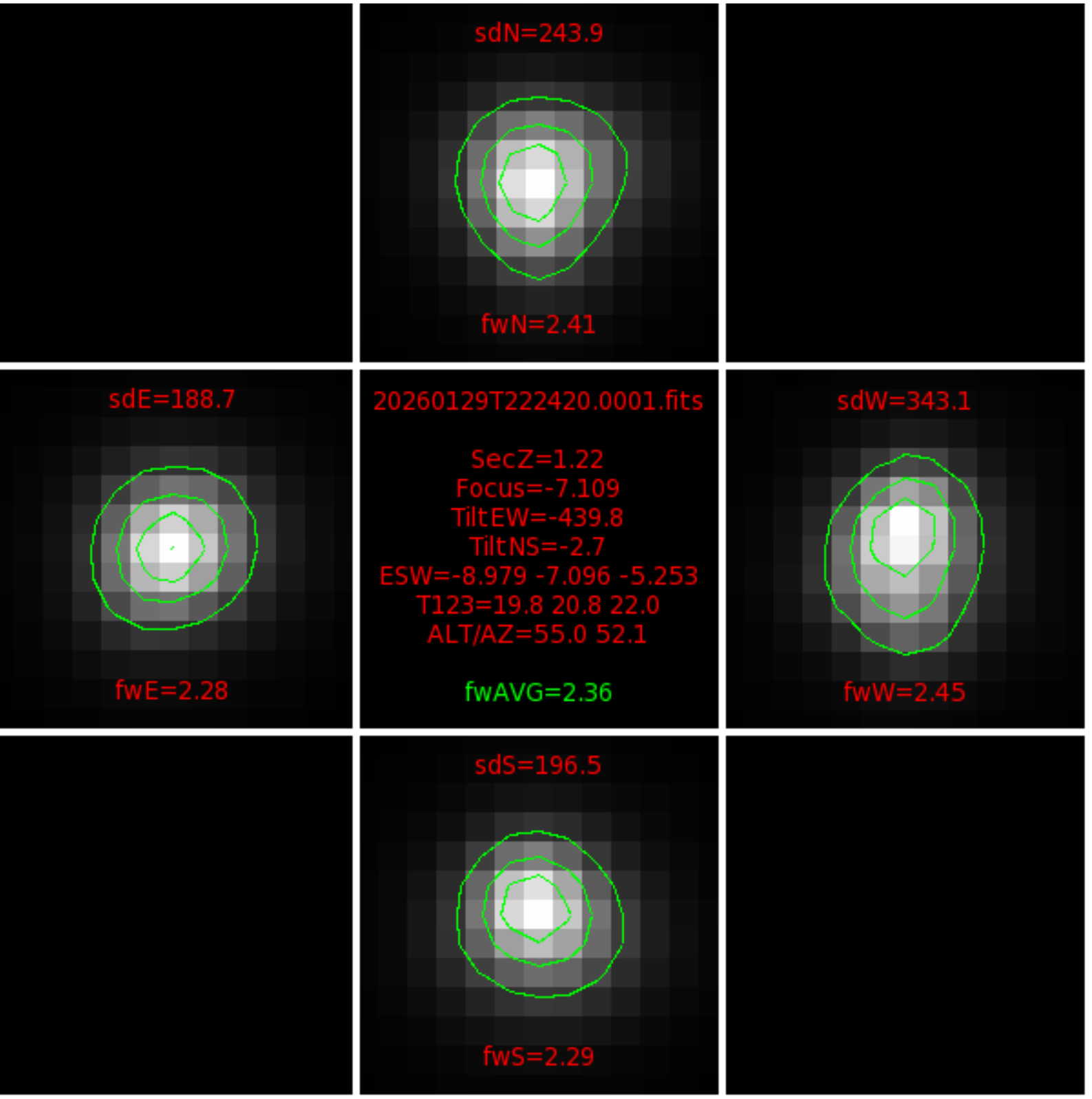
sdN=243.9
fwN=2.41
sdE=188.7
fwE=2.28
20260129T222420.0001.fits
SecZ=1.22
Focus=-7.109
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.979 -7.096 -5.253
T123=19.8 20.8 22.0
ALT/AZ=55.0 52.1
fwAVG=2.36
sdW=343.1
fwW=2.45
sdS=196.5
fwS=2.29
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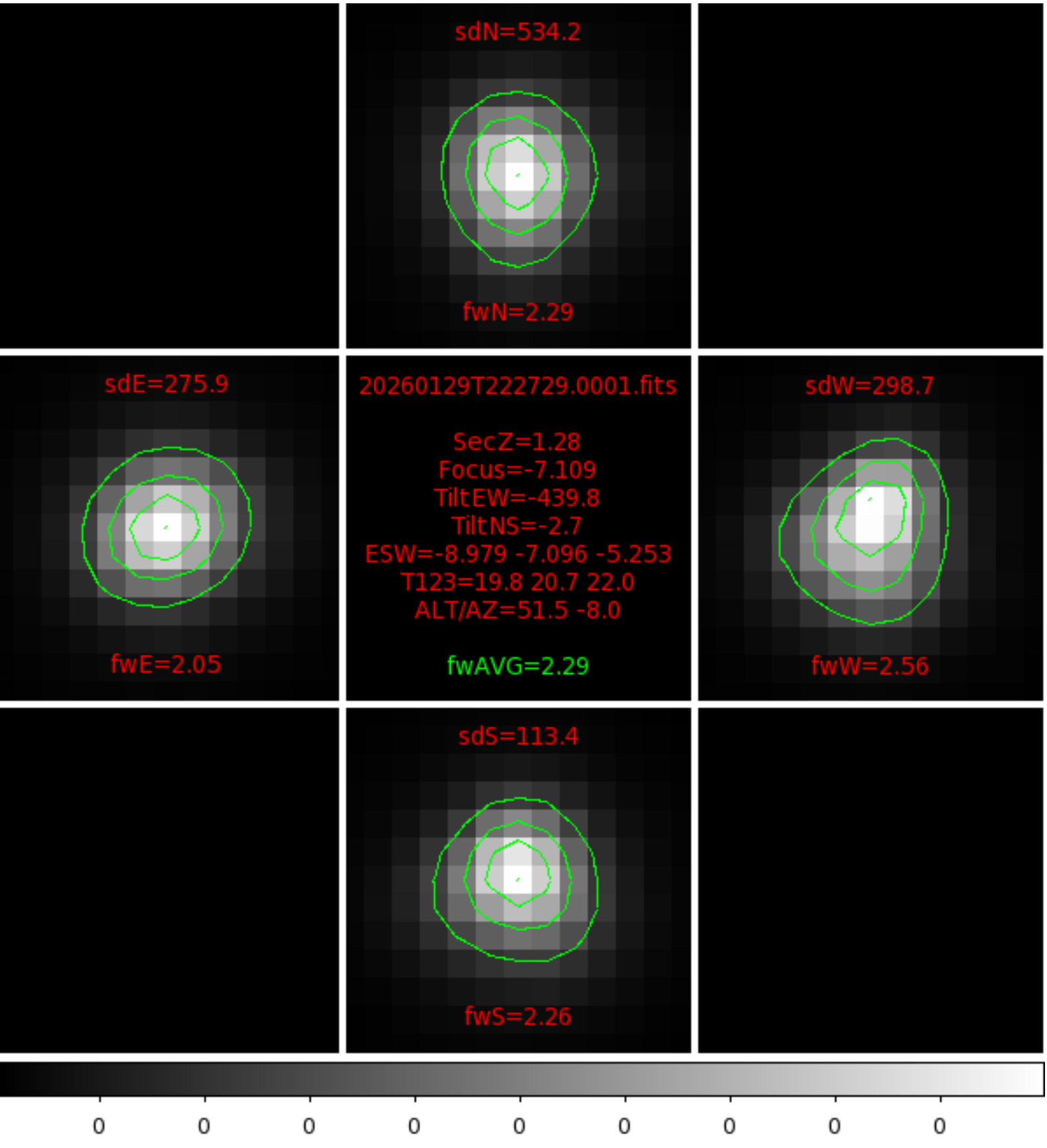
sdN=534.2
fwN=2.29
sdE=275.9
fwE=2.05
20260129T222729.0001.fits
SecZ=1.28
Focus=-7.109
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.979 -7.096 -5.253
T123=19.8 20.7 22.0
ALT/AZ=51.5 -8.0
fwAVG=2.29
sdW=298.7
fwW=2.56
sdS=113.4
fwS=2.26
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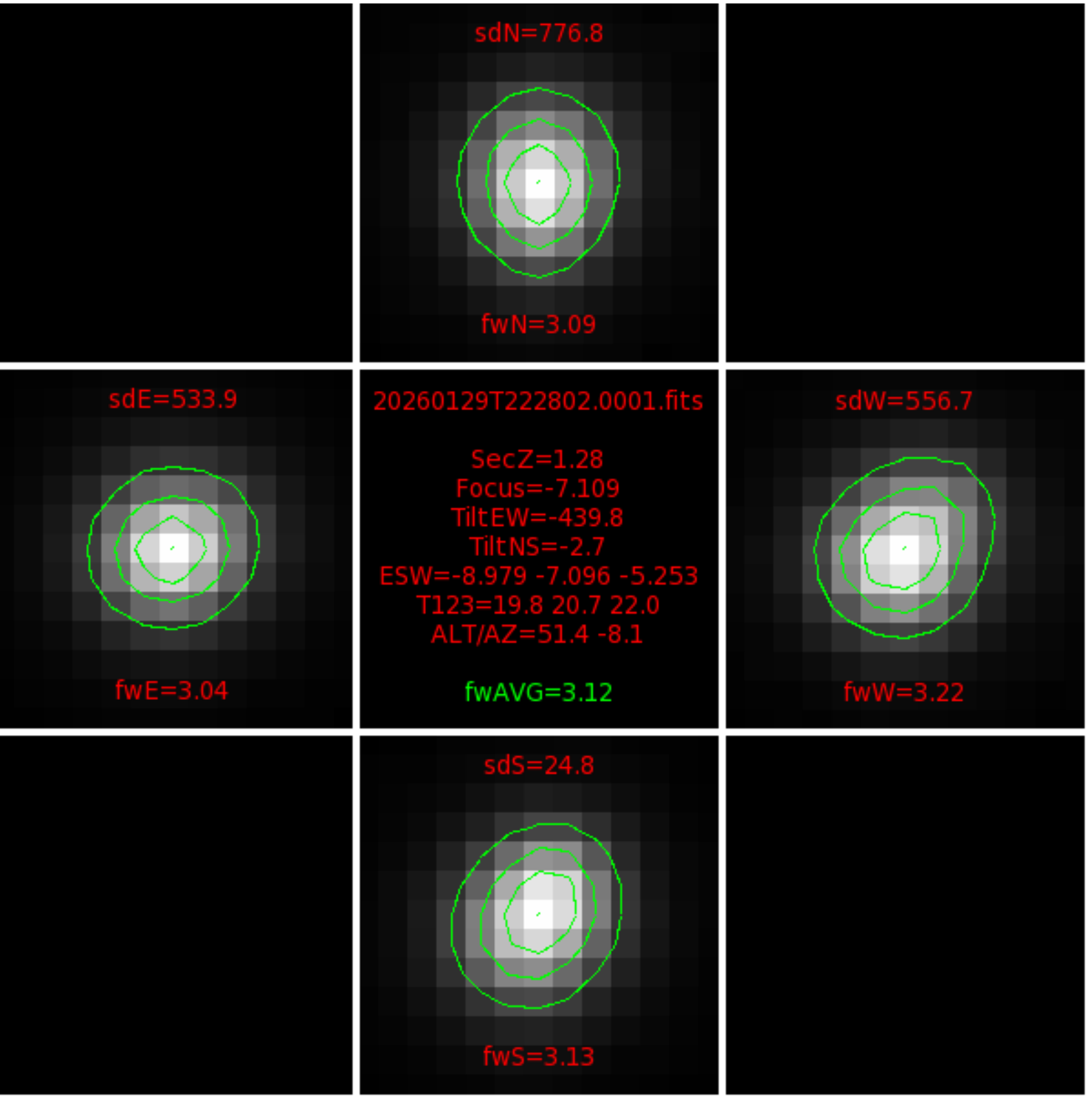
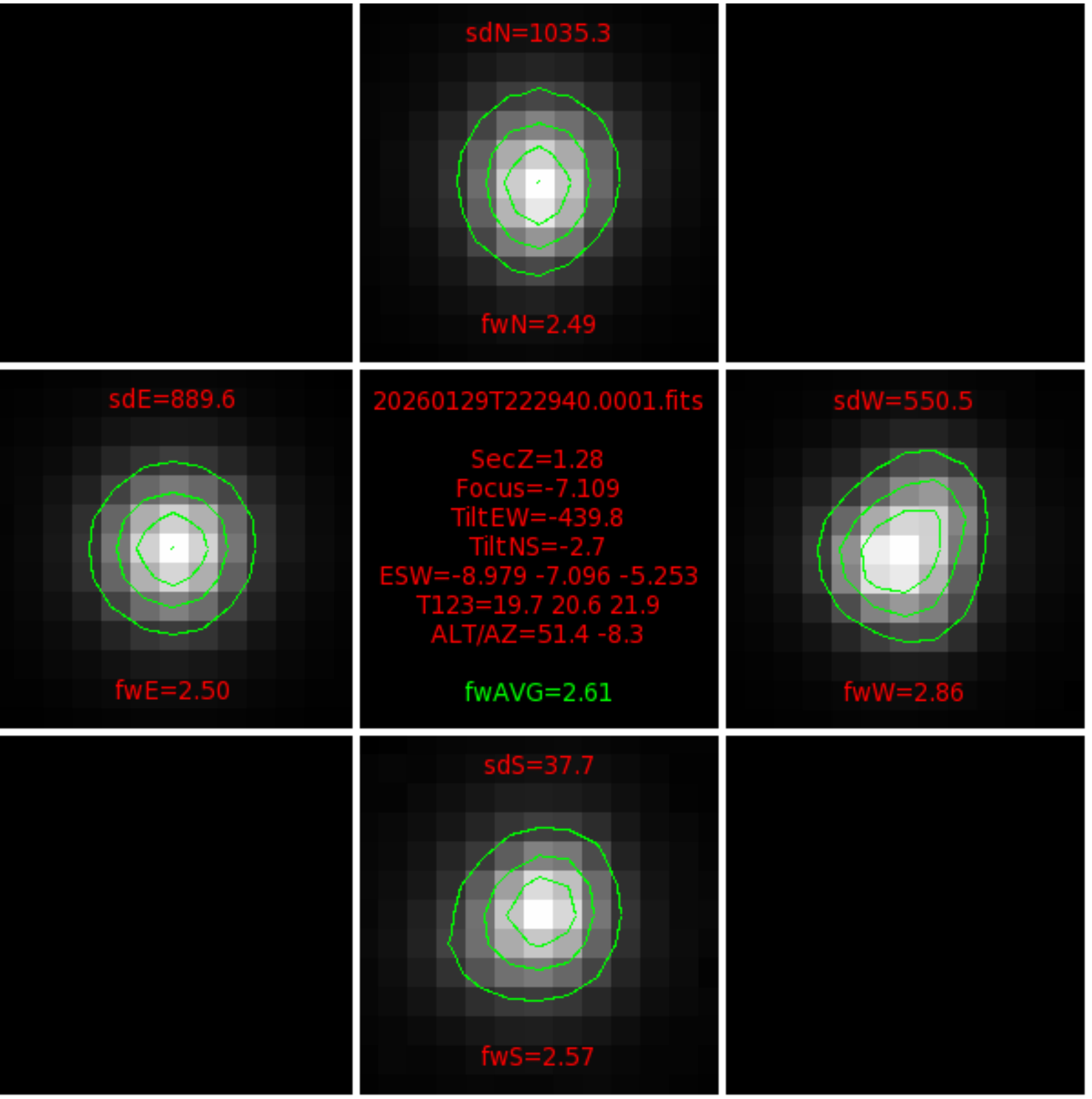

sdN=776.8
fwN=3.09
sdE=533.9
fwE=3.04
20260129T222802.0001.fits
SecZ=1.28
Focus=-7.109
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.979 -7.096 -5.253
T123=19.8 20.7 22.0
ALT/AZ=51.4 -8.1
fwAVG=3.12
sdW=556.7
fwW=3.22
sdS=24.8
fwS=3.13
0 0 0 0 0 0 0 0 0


sdN=1035.3
fwN=2.49
sdE=889.6
fwE=2.50
20260129T222940.0001.fits
SecZ=1.28
Focus=-7.109
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.979 -7.096 -5.253
T123=19.7 20.6 21.9
ALT/AZ=51.4 -8.3
fwAVG=2.61
sdW=550.5
fwW=2.86
sdS=37.7
fwS=2.57
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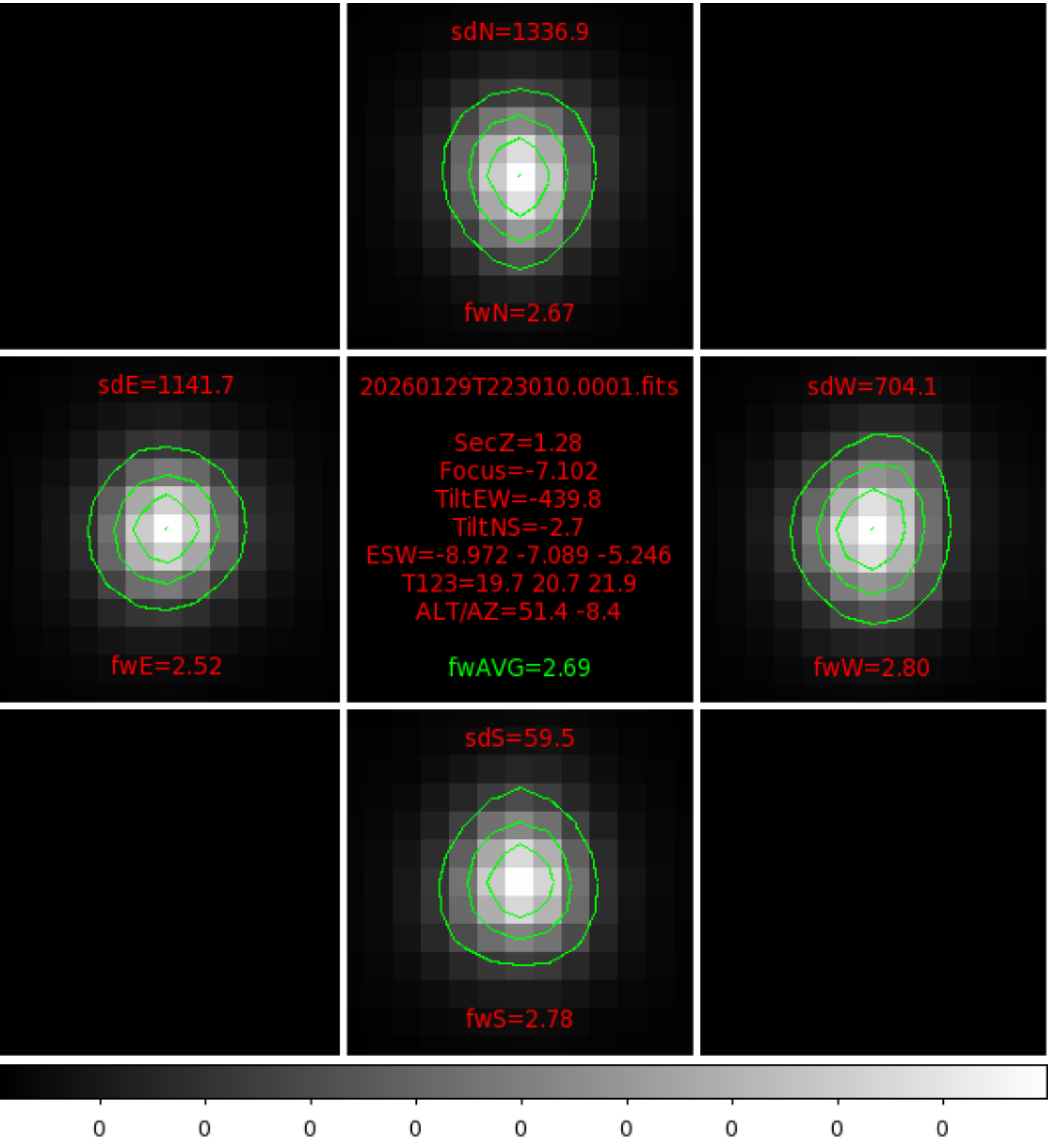
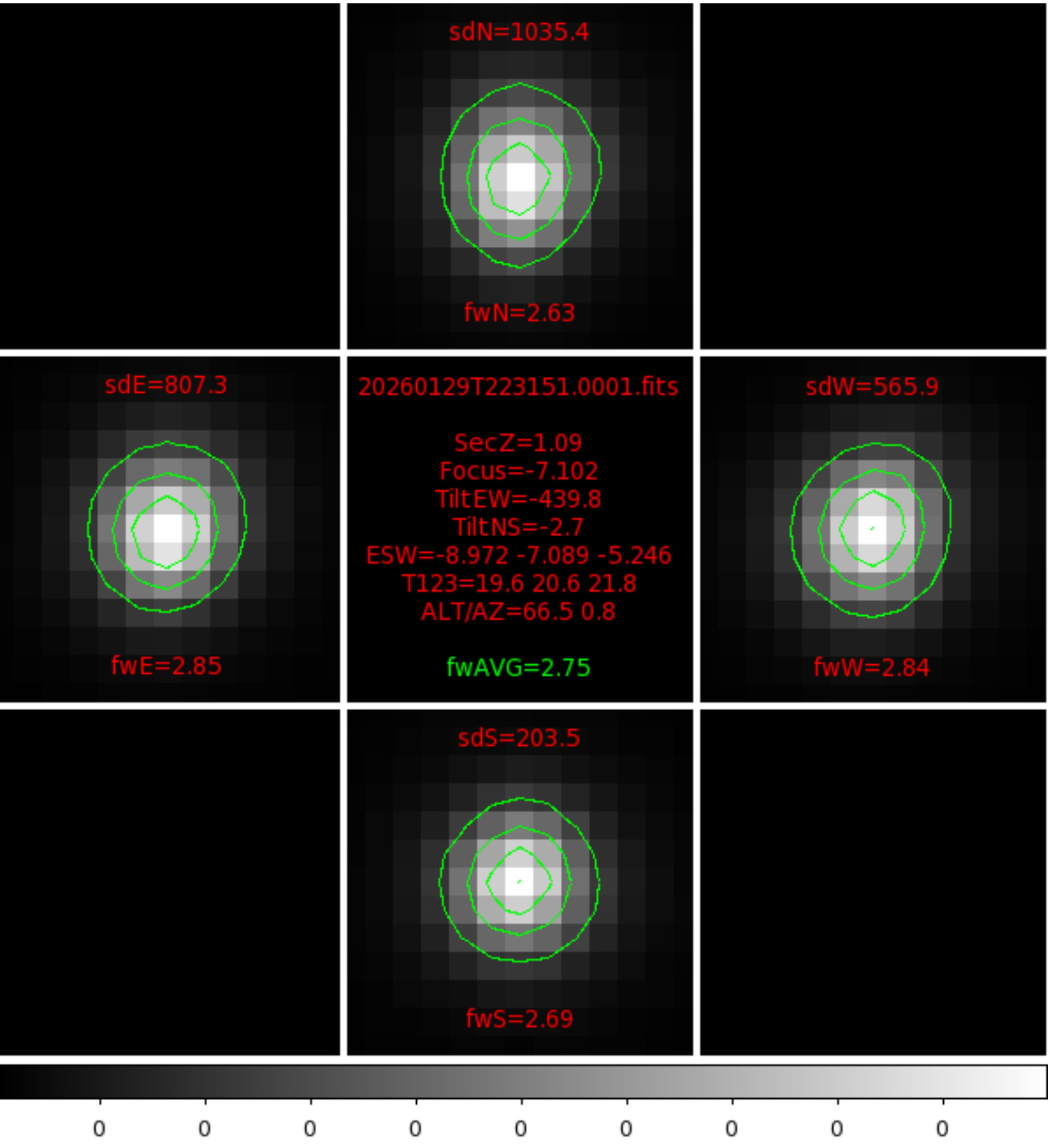
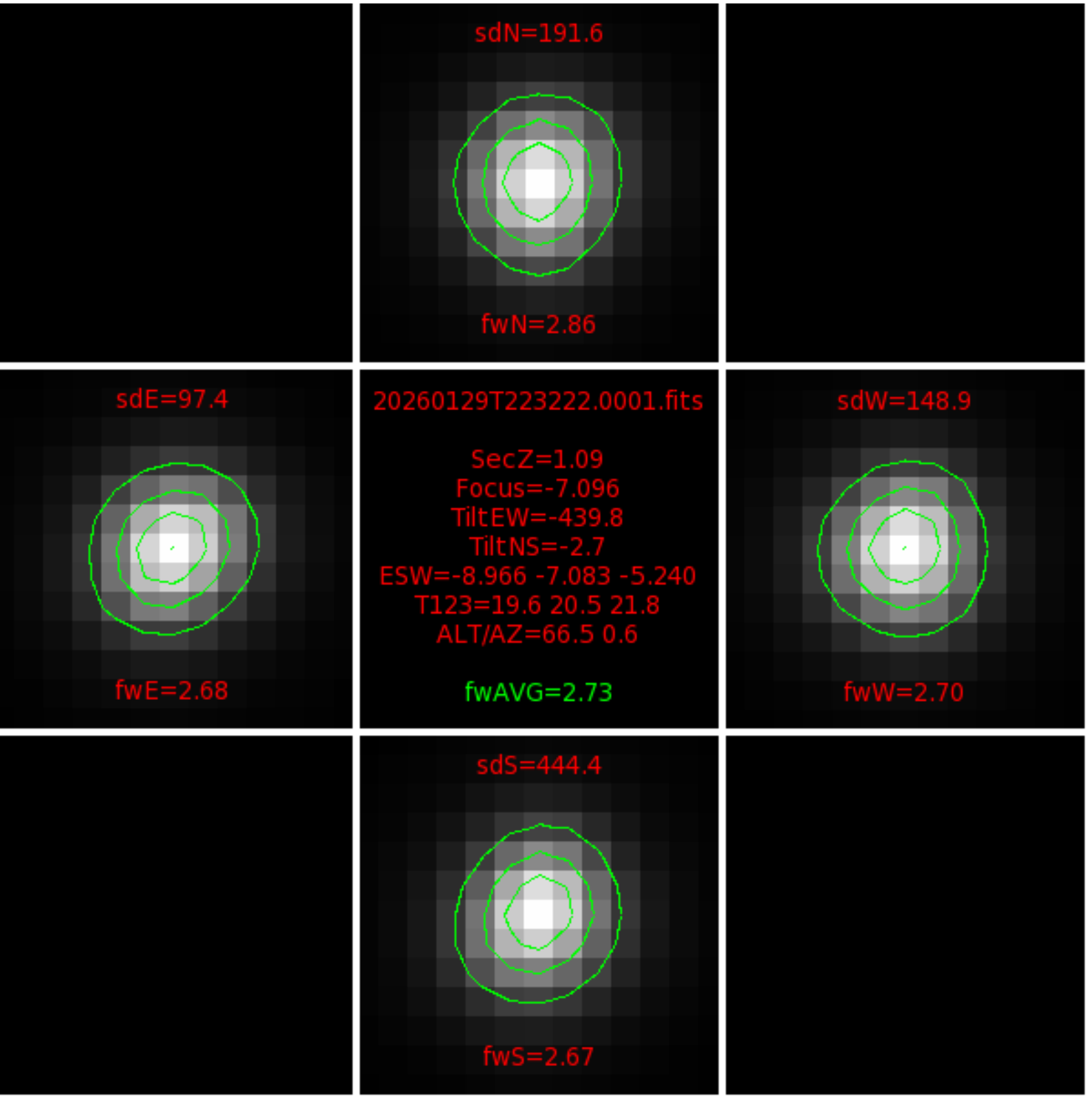

sdN=1336.9
fwN=2.67
sdE=1141.7
fwE=2.52
20260129T223010.0001.fits
SecZ=1.28
Focus=-7.102
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.972 -7.089 -5.246
T123=19.7 20.7 21.9
ALT/AZ=51.4 -8.4
fwAVG=2.69
sdW=704.1
fwW=2.80
sdS=59.5
fwS=2.78
0 0 0 0 0 0 0 0 0


sdN=1035.4
fwN=2.63
sdE=807.3
fwE=2.85
20260129T223151.0001.fits
SecZ=1.09
Focus=-7.102
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.972 -7.089 -5.246
T123=19.6 20.6 21.8
ALT/AZ=66.5 0.8
fwAVG=2.75
sdW=565.9
fwW=2.84
sdS=203.5
fwS=2.69
0 0 0 0 0 0 0 0 0


sdN=191.6
fwN=2.86
sdE=97.4
fwE=2.68
20260129T223222.0001.fits
SecZ=1.09
Focus=-7.096
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.966 -7.083 -5.240
T123=19.6 20.5 21.8
ALT/AZ=66.5 0.6
fwAVG=2.73
sdW=148.9
fwW=2.70
sdS=444.4
fwS=2.67
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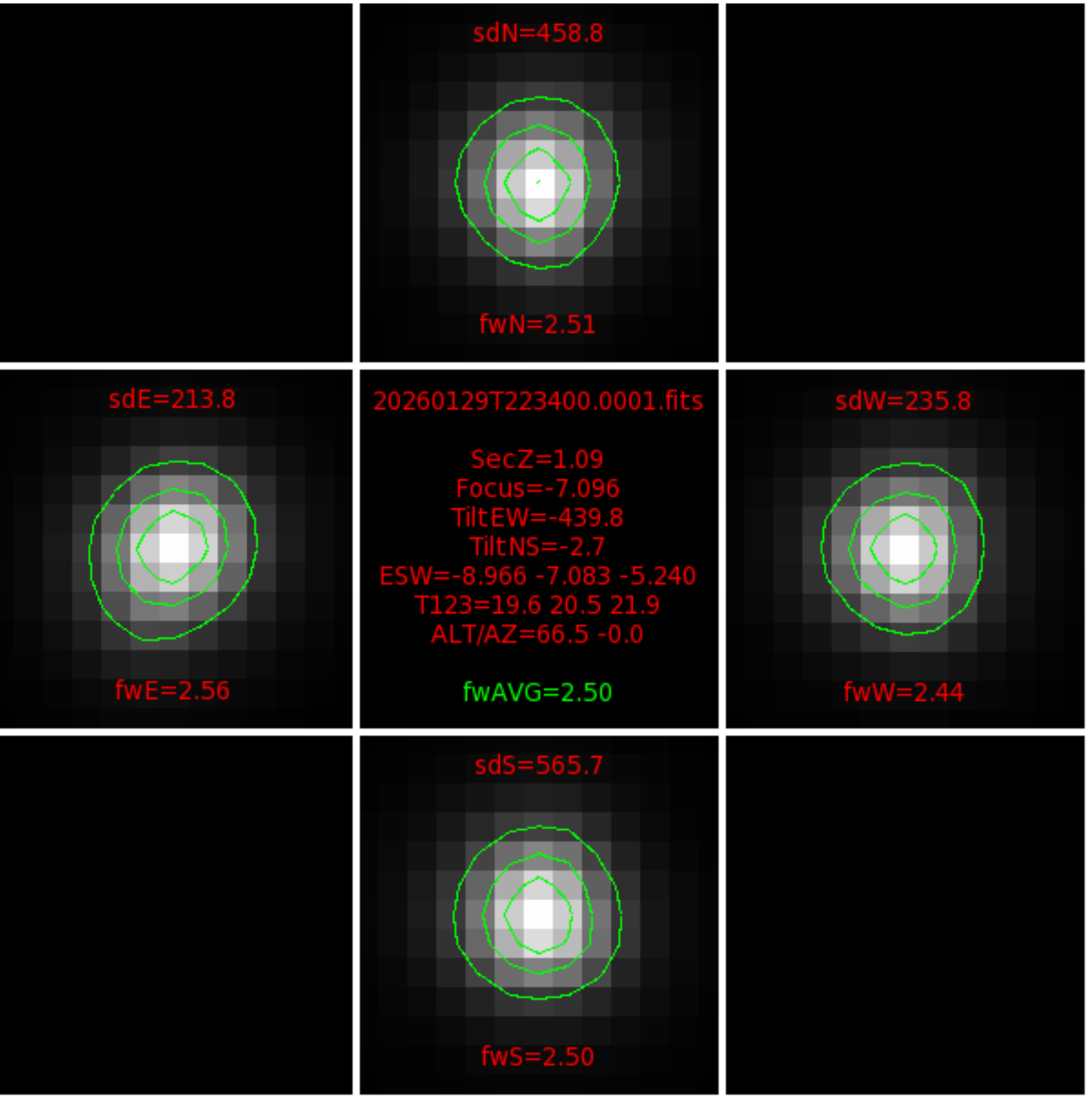
sdN=458.8
fwN=2.51
sdE=213.8
fwE=2.56
20260129T223400.0001.fits
SecZ=1.09
Focus=-7.096
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.966 -7.083 -5.240
T123=19.6 20.5 21.9
ALT/AZ=66.5 -0.0
fwAVG=2.50
sdW=235.8
fwW=2.44
sdS=565.7
fwS=2.50
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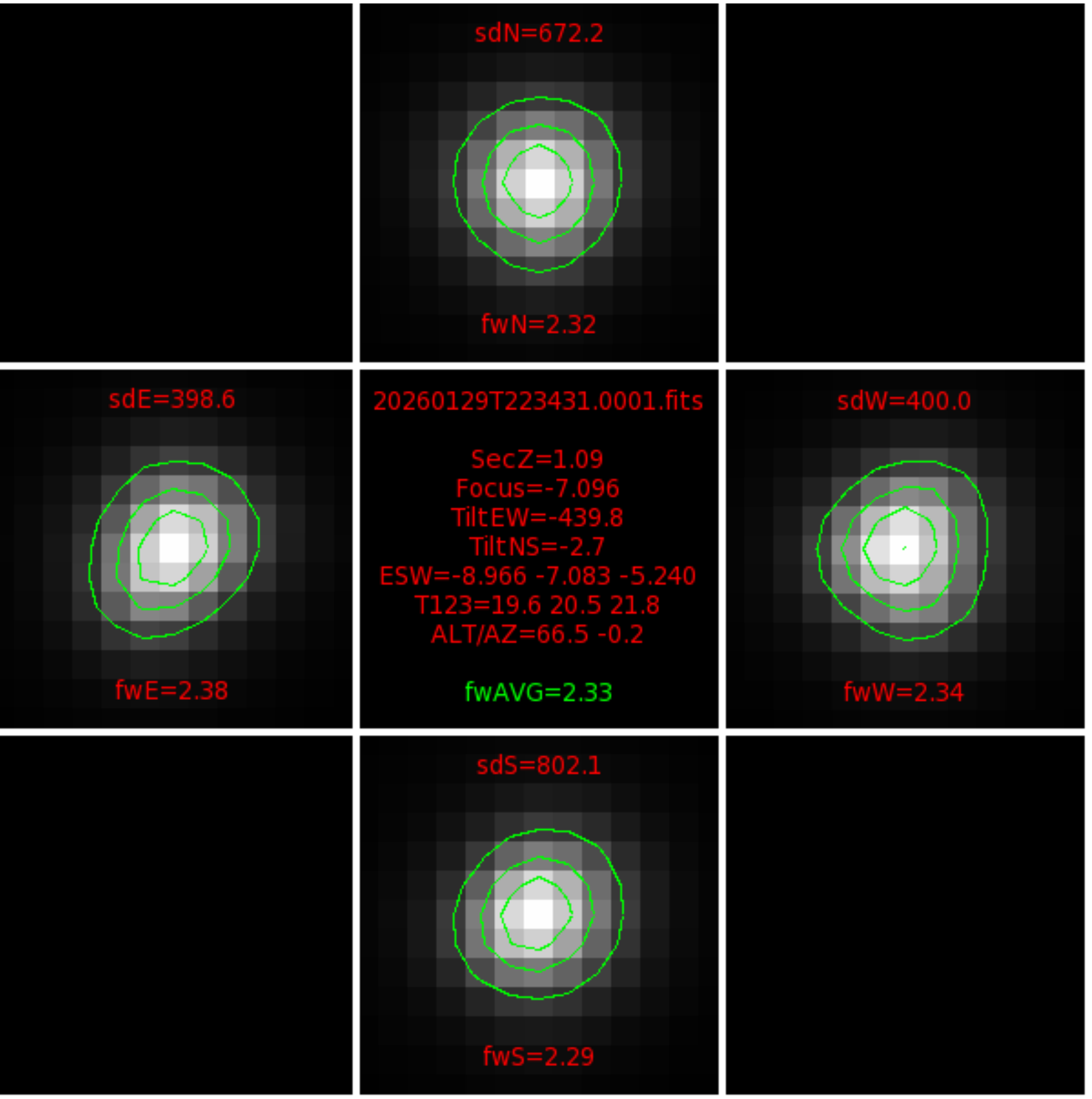
sdN=672.2
fwN=2.32
sdE=398.6
fwE=2.38
20260129T223431.0001.fits
SecZ=1.09
Focus=-7.096
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.966 -7.083 -5.240
T123=19.6 20.5 21.8
ALT/AZ=66.5 -0.2
fwAVG=2.33
sdW=400.0
fwW=2.34
sdS=802.1
fwS=2.29
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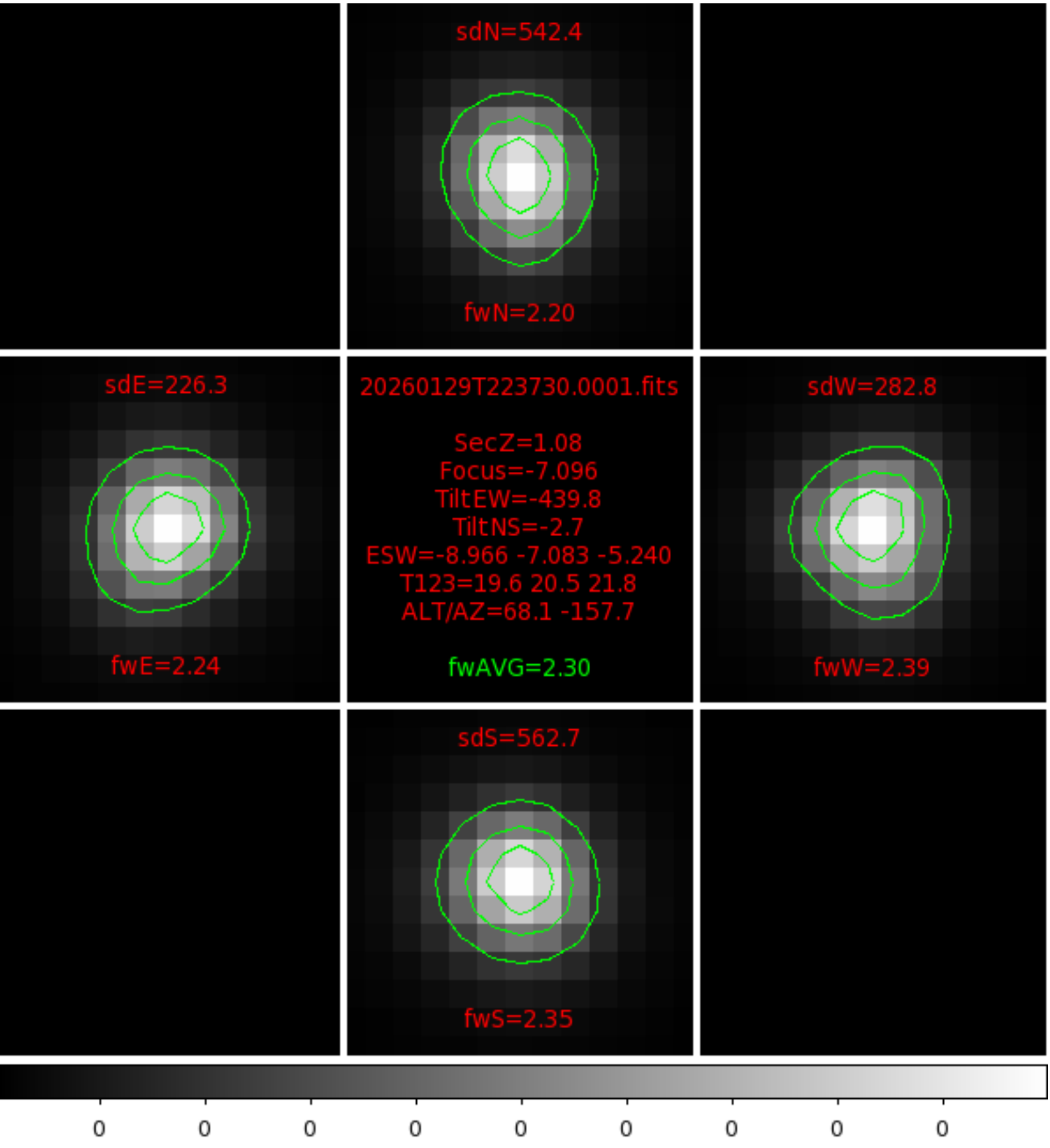
sdN=542.4
fwN=2.20
sdE=226.3
fwE=2.24
20260129T223730.0001.fits
SecZ=1.08
Focus=-7.096
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.966 -7.083 -5.240
T123=19.6 20.5 21.8
ALT/AZ=68.1 -157.7
fwAVG=2.30
sdW=282.8
fwW=2.39
sdS=562.7
fwS=2.35
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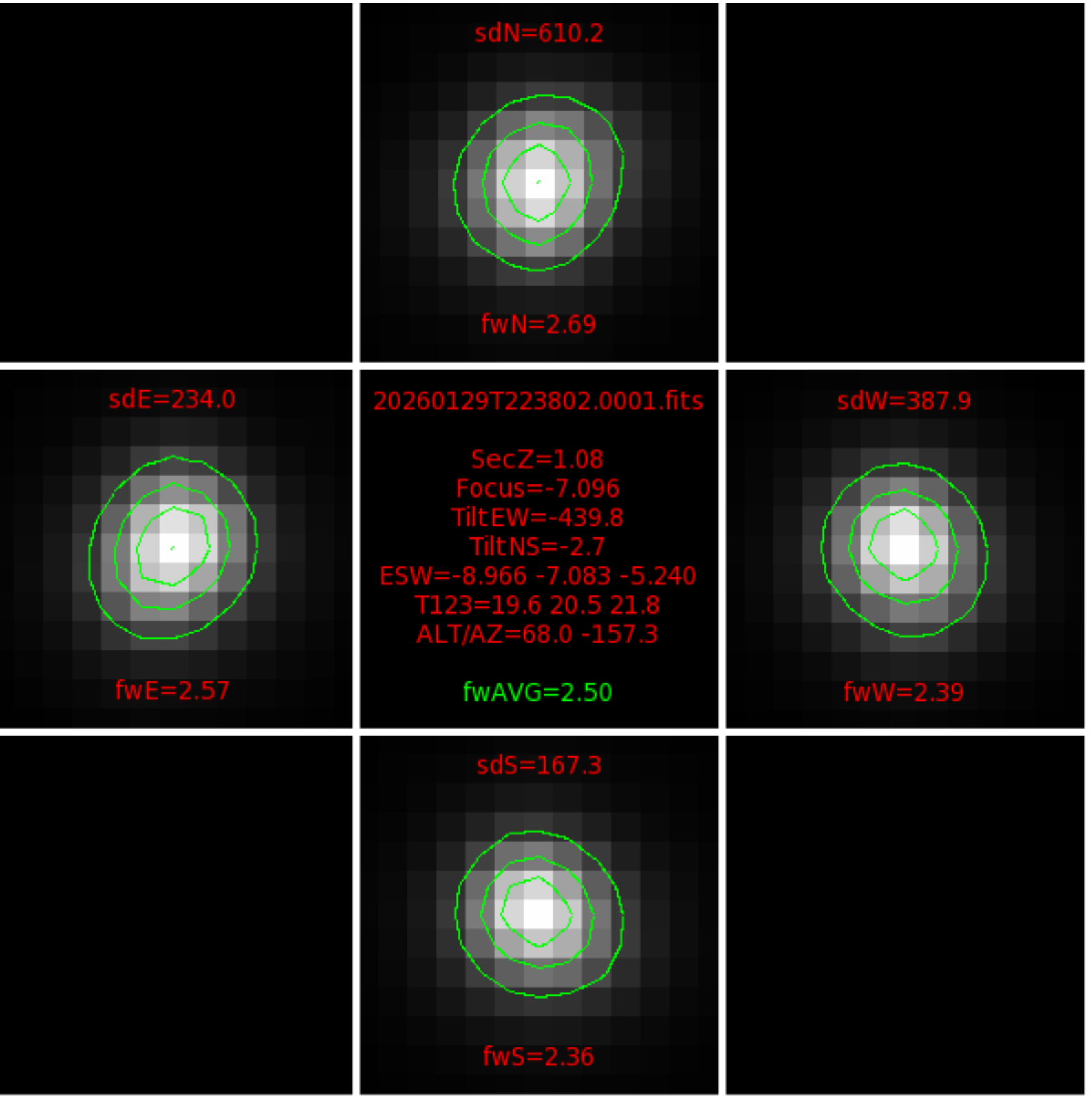
sdN=610.2
fwN=2.69
sdE=234.0
fwE=2.57
20260129T223802.0001.fits
SecZ=1.08
Focus=-7.096
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.966 -7.083 -5.240
T123=19.6 20.5 21.8
ALT/AZ=68.0 -157.3
fwAVG=2.50
sdW=387.9
fwW=2.39
sdS=167.3
fwS=2.36
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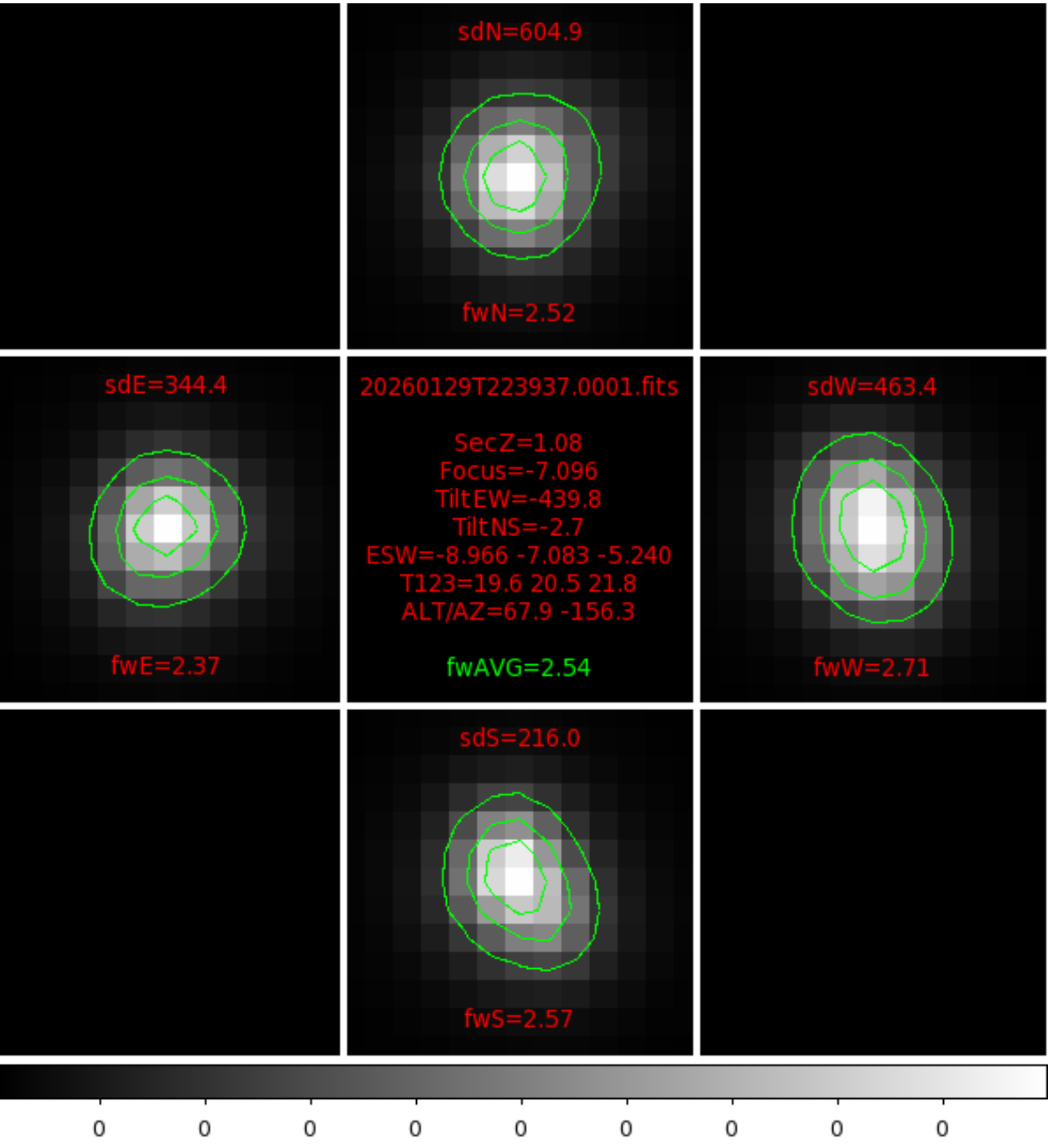
sdN=604.9
fwN=2.52
sdE=344.4
fwE=2.37
20260129T223937.0001.fits
SecZ=1.08
Focus=-7.096
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.966 -7.083 -5.240
T123=19.6 20.5 21.8
ALT/AZ=67.9 -156.3
fwAVG=2.54
sdW=463.4
fwW=2.71
sdS=216.0
fwS=2.57
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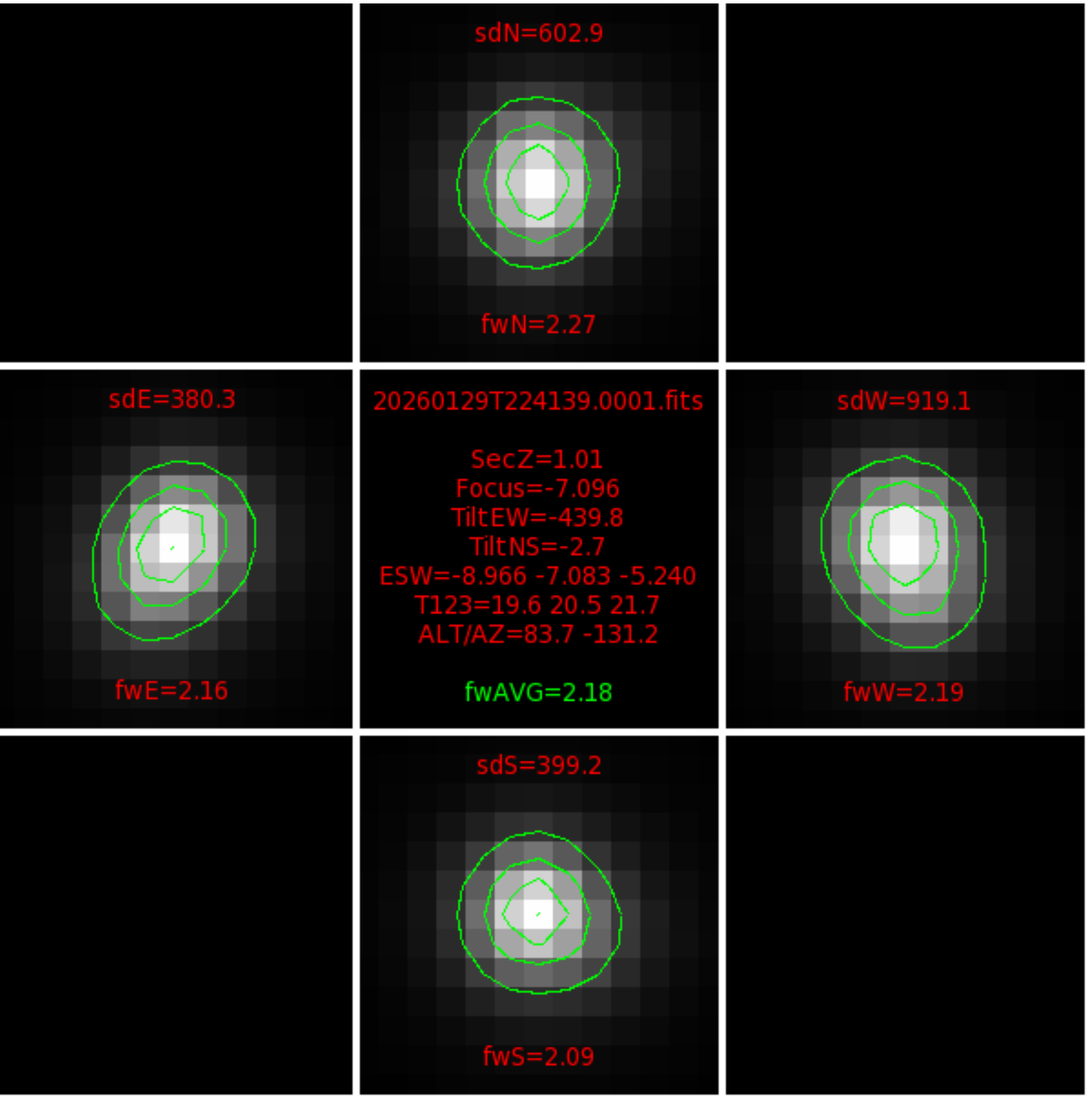
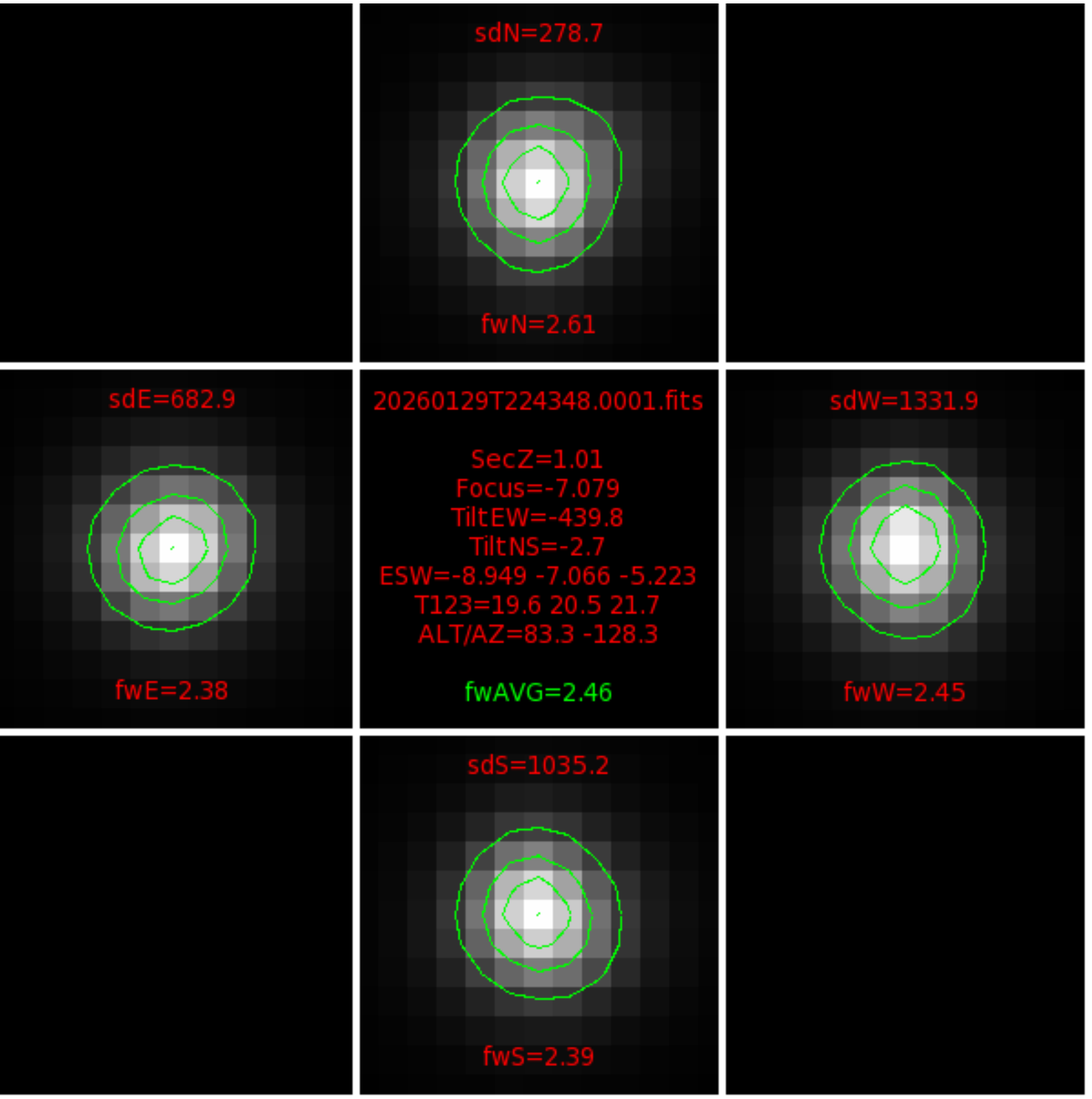
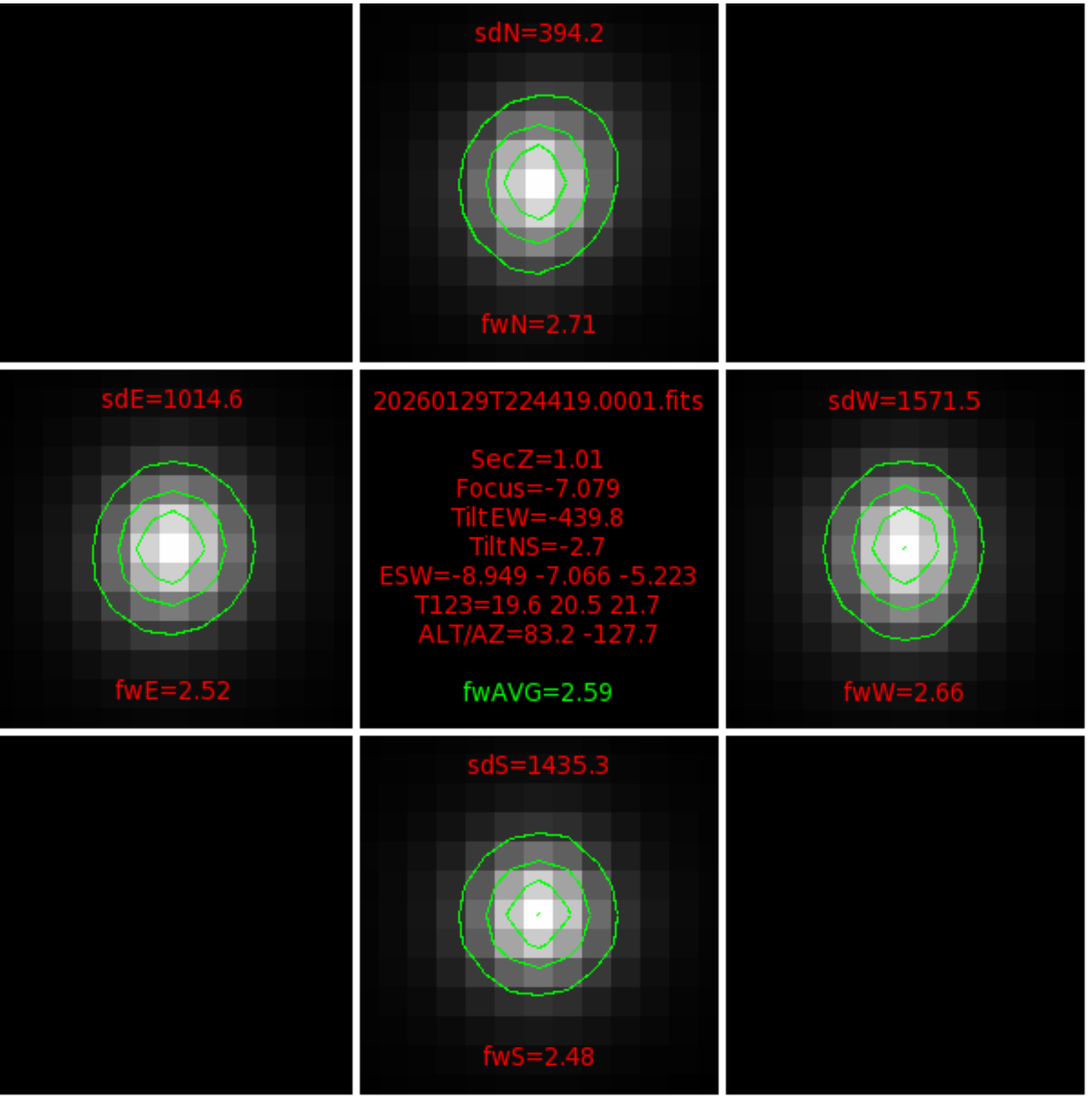

sdN=602.9
fwN=2.27
sdE=380.3
fwE=2.16
20260129T224139.0001.fits
SecZ=1.01
Focus=-7.096
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.966 -7.083 -5.240
T123=19.6 20.5 21.7
ALT/AZ=83.7 -131.2
fwAVG=2.18
sdW=919.1
fwW=2.19
sdS=399.2
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=278.7
fwN=2.61
sdE=682.9
fwE=2.38
20260129T224348.0001.fits
SecZ=1.01
Focus=-7.079
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.949 -7.066 -5.223
T123=19.6 20.5 21.7
ALT/AZ=83.3 -128.3
fwAVG=2.46
sdW=1331.9
fwW=2.45
sdS=1035.2
fwS=2.39
0 0 0 0 0 0 0 0 0


sdN=394.2
fwN=2.71
sdE=1014.6
fwE=2.52
20260129T224419.0001.fits
SecZ=1.01
Focus=-7.079
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.949 -7.066 -5.223
T123=19.6 20.5 21.7
ALT/AZ=83.2 -127.7
fwAVG=2.59
sdW=1571.5
fwW=2.66
sdS=1435.3
fwS=2.48
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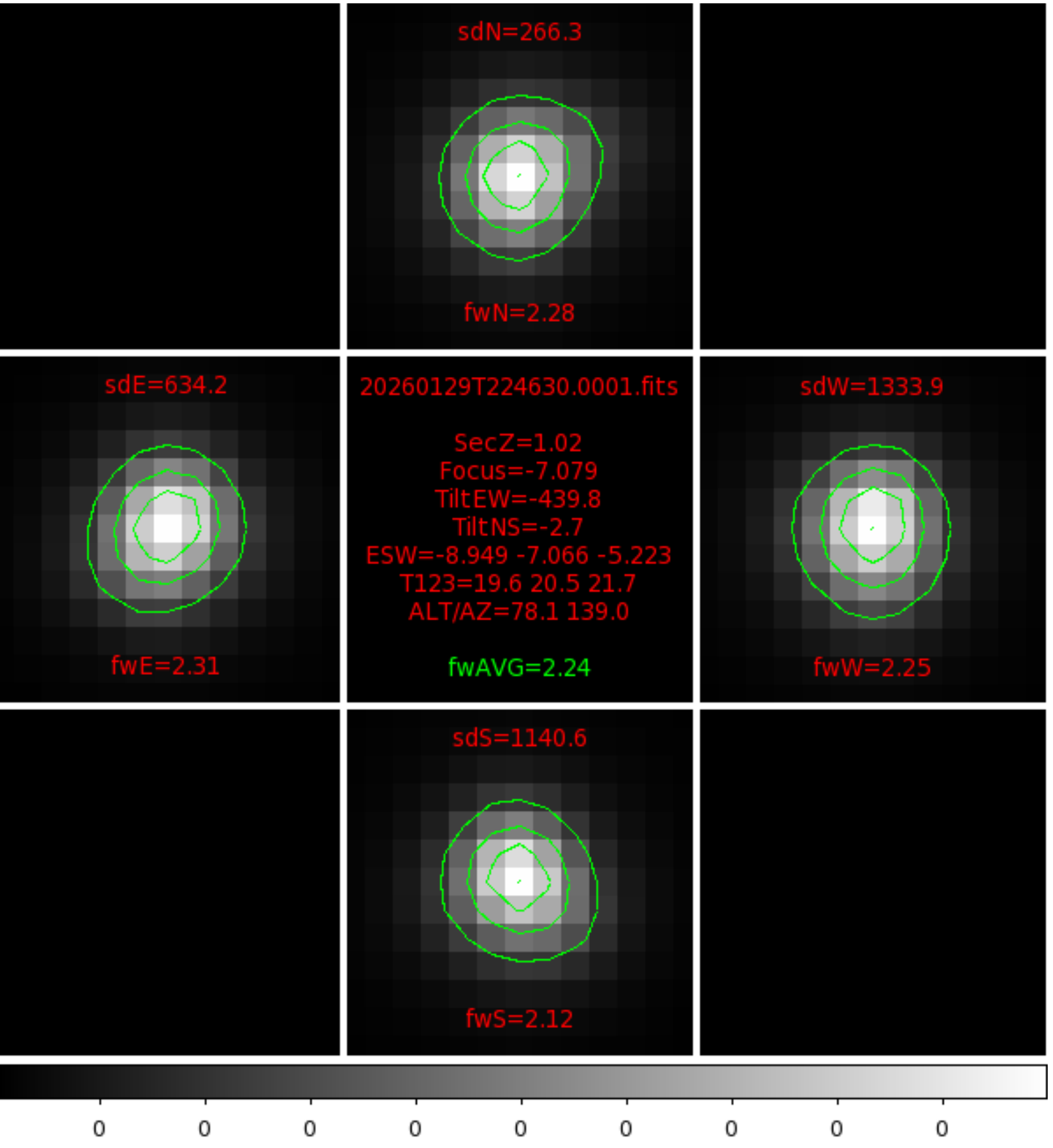
sdN=266.3
fwN=2.28
sdE=634.2
fwE=2.31
20260129T224630.0001.fits
SecZ=1.02
Focus=-7.079
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.949 -7.066 -5.223
T123=19.6 20.5 21.7
ALT/AZ=78.1 139.0
fwAVG=2.24
sdW=1333.9
fwW=2.25
sdS=1140.6
fwS=2.12
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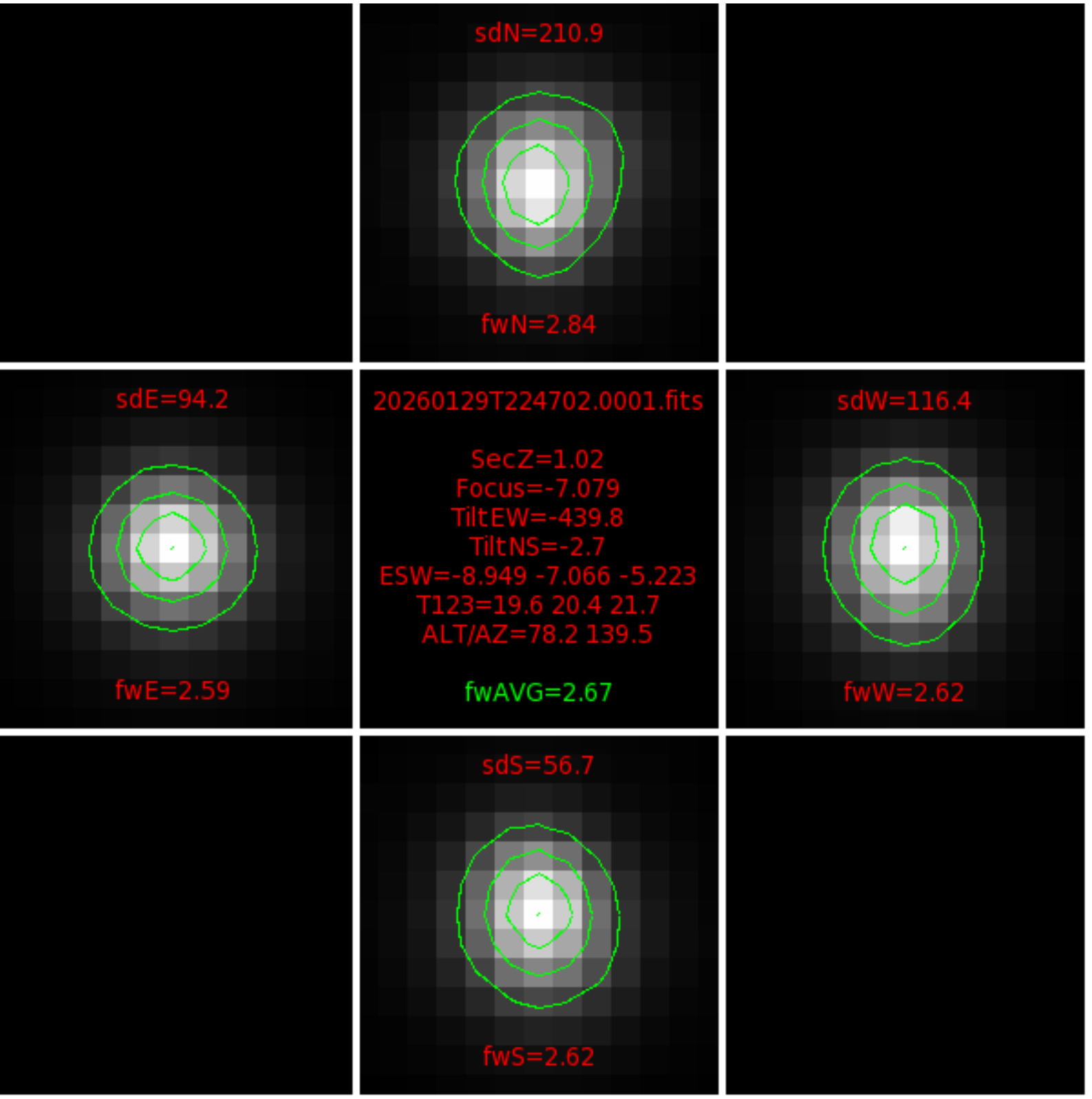
sdN=210.9
fwN=2.84
sdE=94.2
fwE=2.59
20260129T224702.0001.fits
SecZ=1.02
Focus=-7.079
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.949 -7.066 -5.223
T123=19.6 20.4 21.7
ALT/AZ=78.2 139.5
fwAVG=2.67
sdW=116.4
fwW=2.62
sdS=56.7
fwS=2.62
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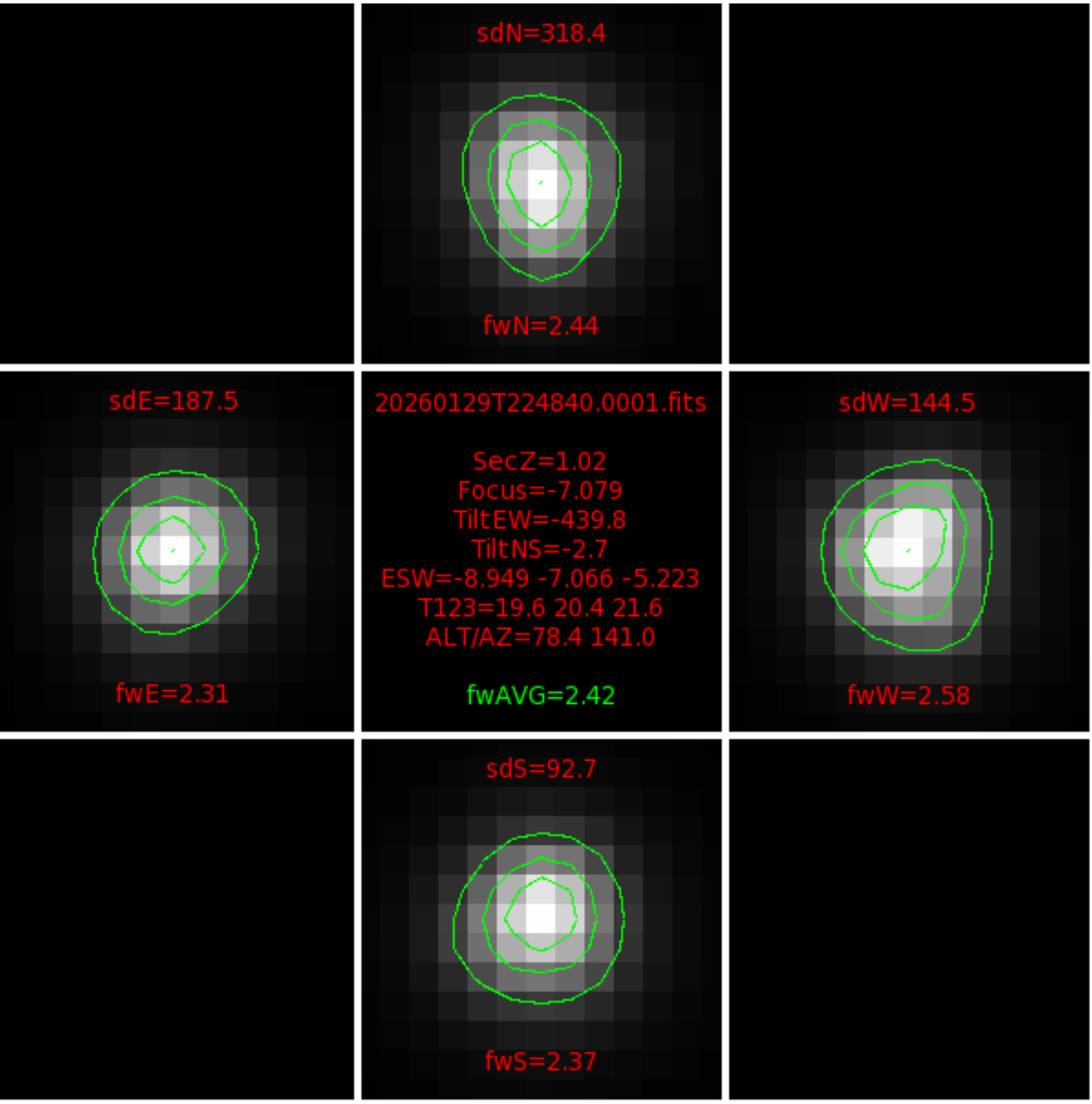
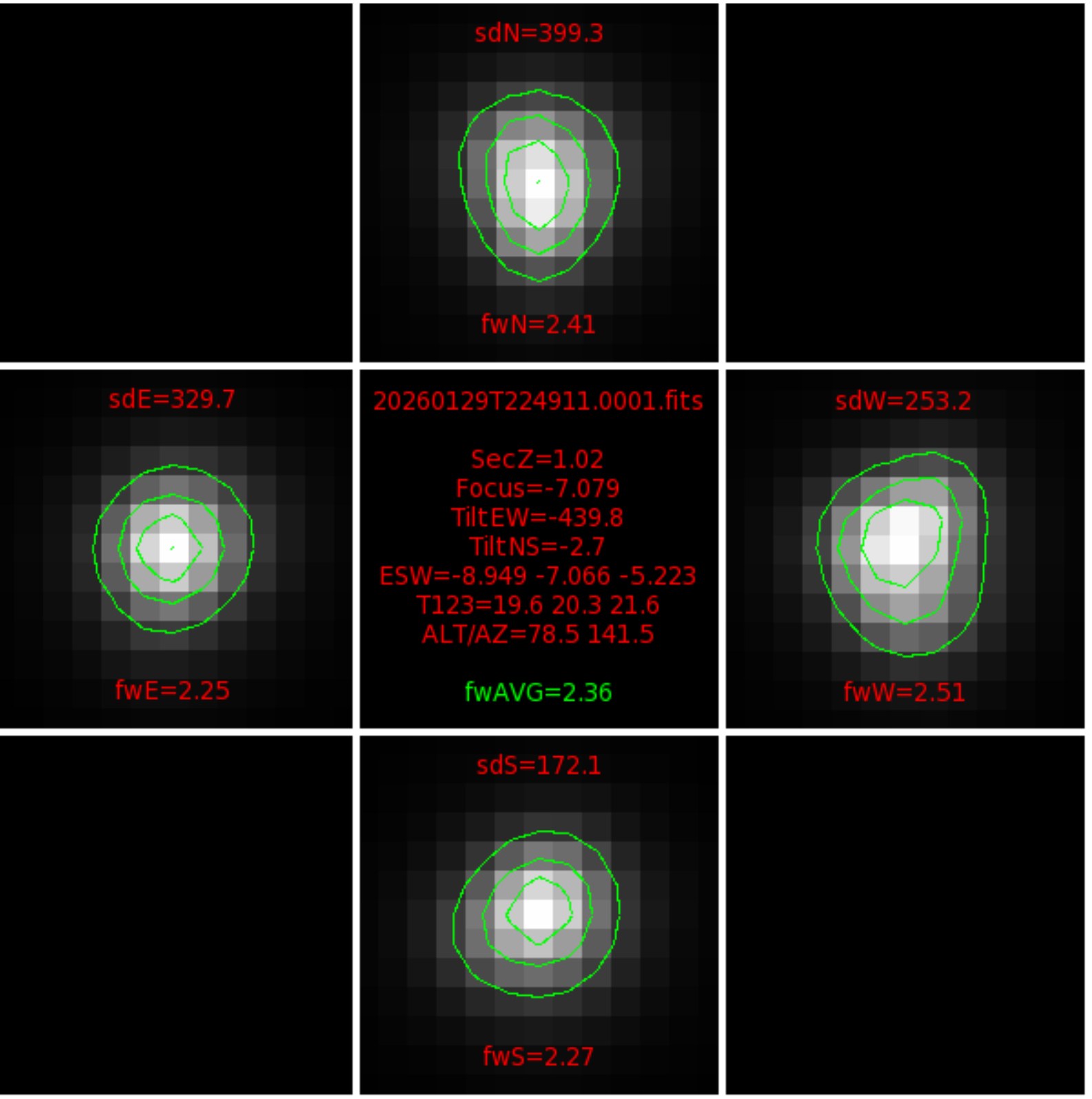
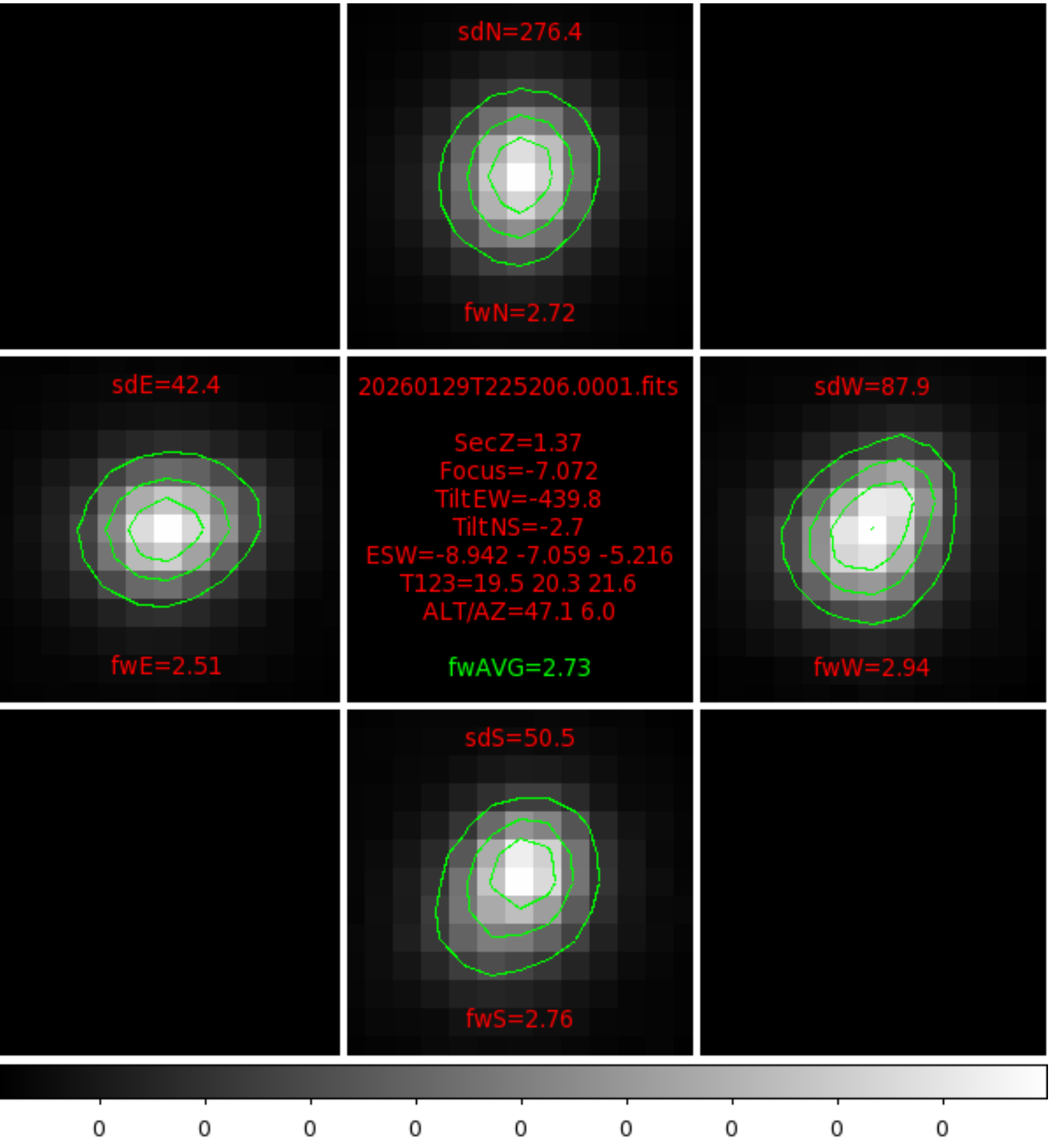

sdN=318.4
fwN=2.44
sdE=187.5
fwE=2.31
20260129T224840.0001.fits
SecZ=1.02
Focus=-7.079
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.949 -7.066 -5.223
T123=19.6 20.4 21.6
ALT/AZ=78.4 141.0
fwAVG=2.42
sdW=144.5
fwW=2.58
sdS=92.7
fwS=2.37
0 0 0 0 0 0 0 0 0


sdN=399.3
fwN=2.41
sdE=329.7
fwE=2.25
20260129T224911.0001.fits
SecZ=1.02
Focus=-7.079
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.949 -7.066 -5.223
T123=19.6 20.3 21.6
ALT/AZ=78.5 141.5
fwAVG=2.36
sdW=253.2
fwW=2.51
sdS=172.1
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=276.4
fwN=2.72
sdE=42.4
fwE=2.51
20260129T225206.0001.fits
SecZ=1.37
Focus=-7.072
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.942 -7.059 -5.216
T123=19.5 20.3 21.6
ALT/AZ=47.1 6.0
fwAVG=2.73
sdW=87.9
fwW=2.94
sdS=50.5
fwS=2.76
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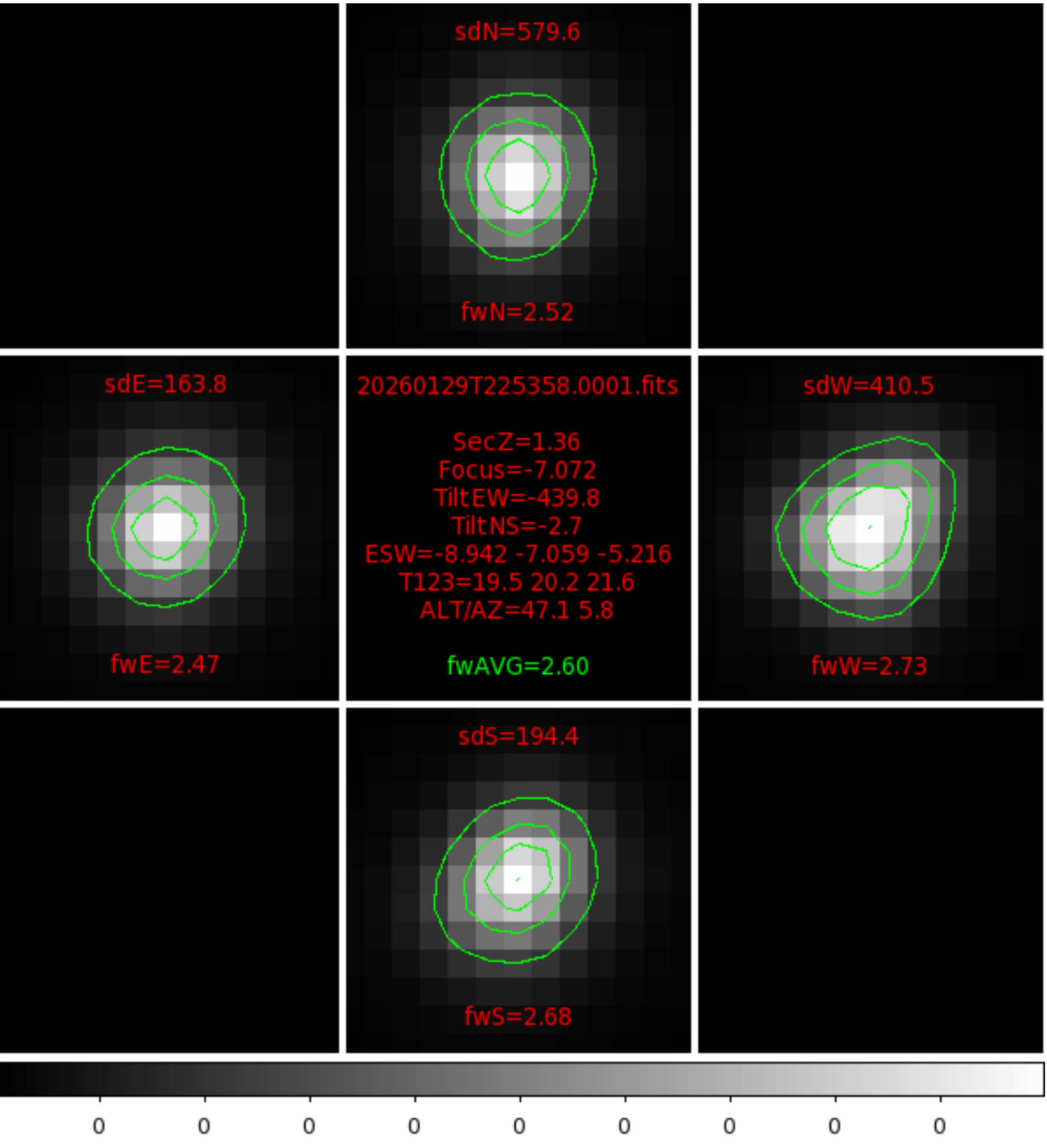
sdN=579.6
fwN=2.52
sdE=163.8
fwE=2.47
20260129T225358.0001.fits
SecZ=1.36
Focus=-7.072
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.942 -7.059 -5.216
T123=19.5 20.2 21.6
ALT/AZ=47.1 5.8
fwAVG=2.60
sdW=410.5
fwW=2.73
sdS=194.4
fwS=2.68
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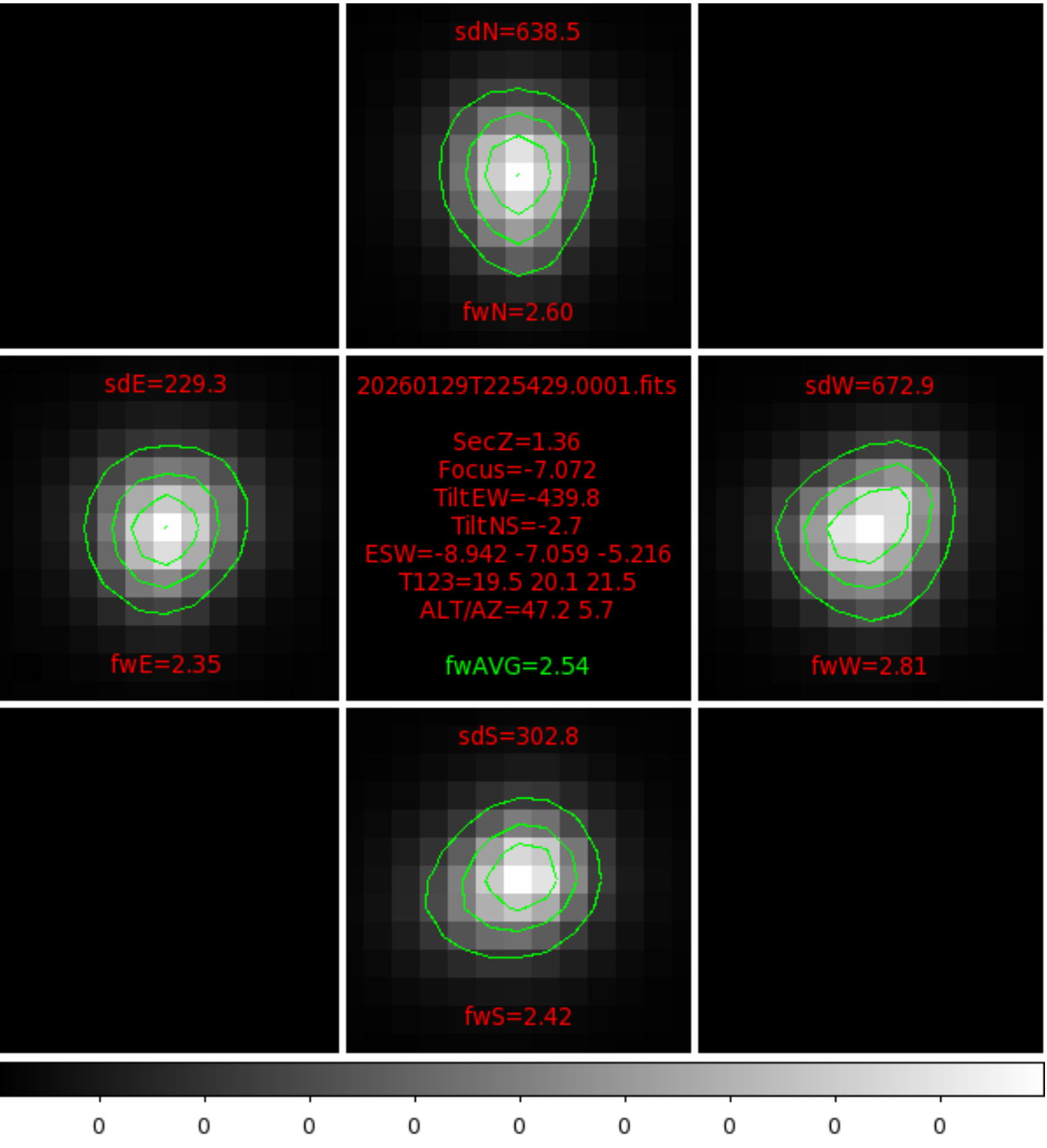
sdN=638.5
fwN=2.60
sdE=229.3
fwE=2.35
20260129T225429.0001.fits
SecZ=1.36
Focus=-7.072
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.942 -7.059 -5.216
T123=19.5 20.1 21.5
ALT/AZ=47.2 5.7
fwAVG=2.54
sdW=672.9
fwW=2.81
sdS=302.8
fwS=2.42
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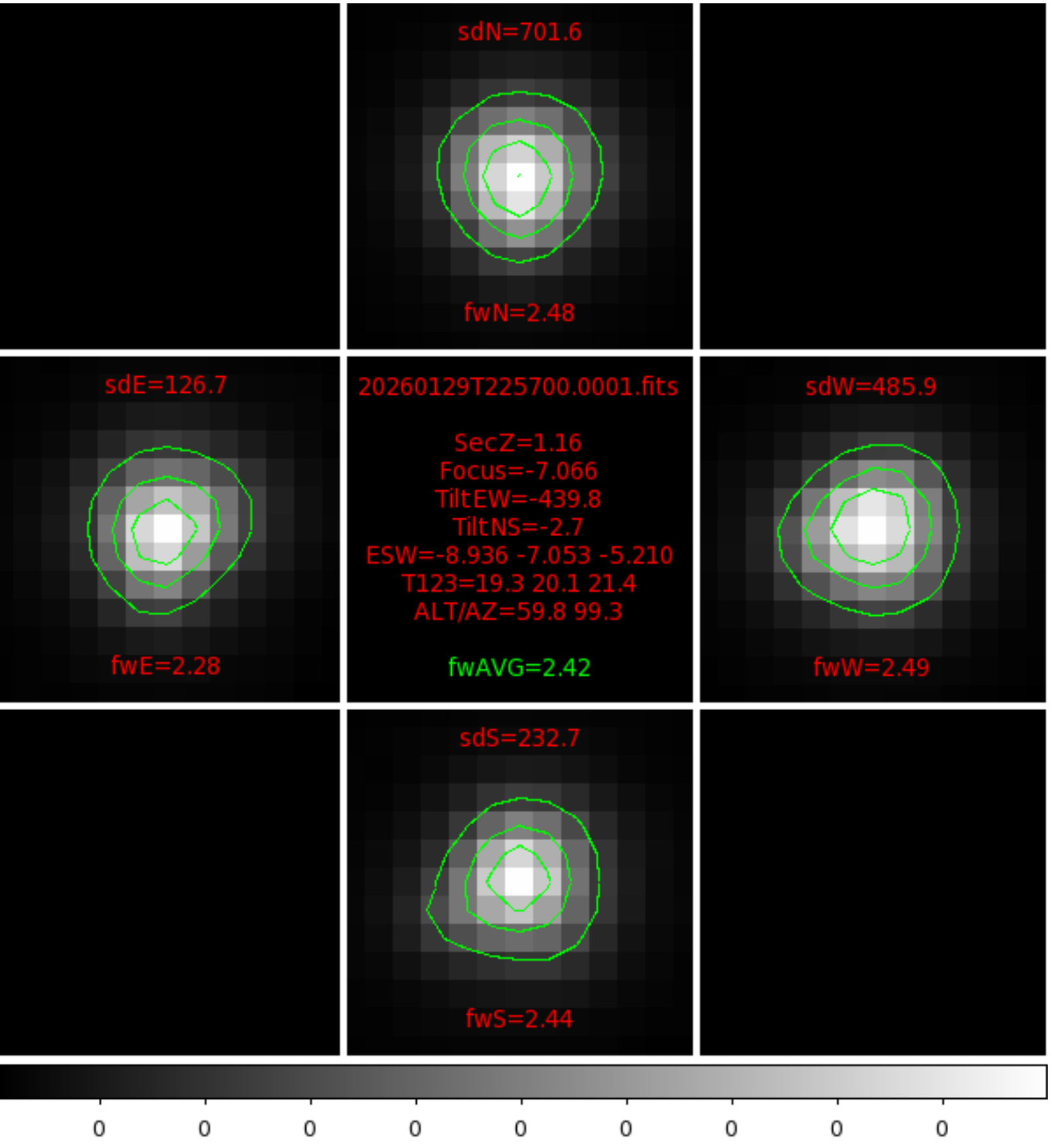
sdN=701.6
fwN=2.48
sdE=126.7
fwE=2.28
20260129T225700.0001.fits
SecZ=1.16
Focus=-7.066
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.936 -7.053 -5.210
T123=19.3 20.1 21.4
ALT/AZ=59.8 99.3
fwAVG=2.42
sdW=485.9
fwW=2.49
sdS=232.7
fwS=2.44
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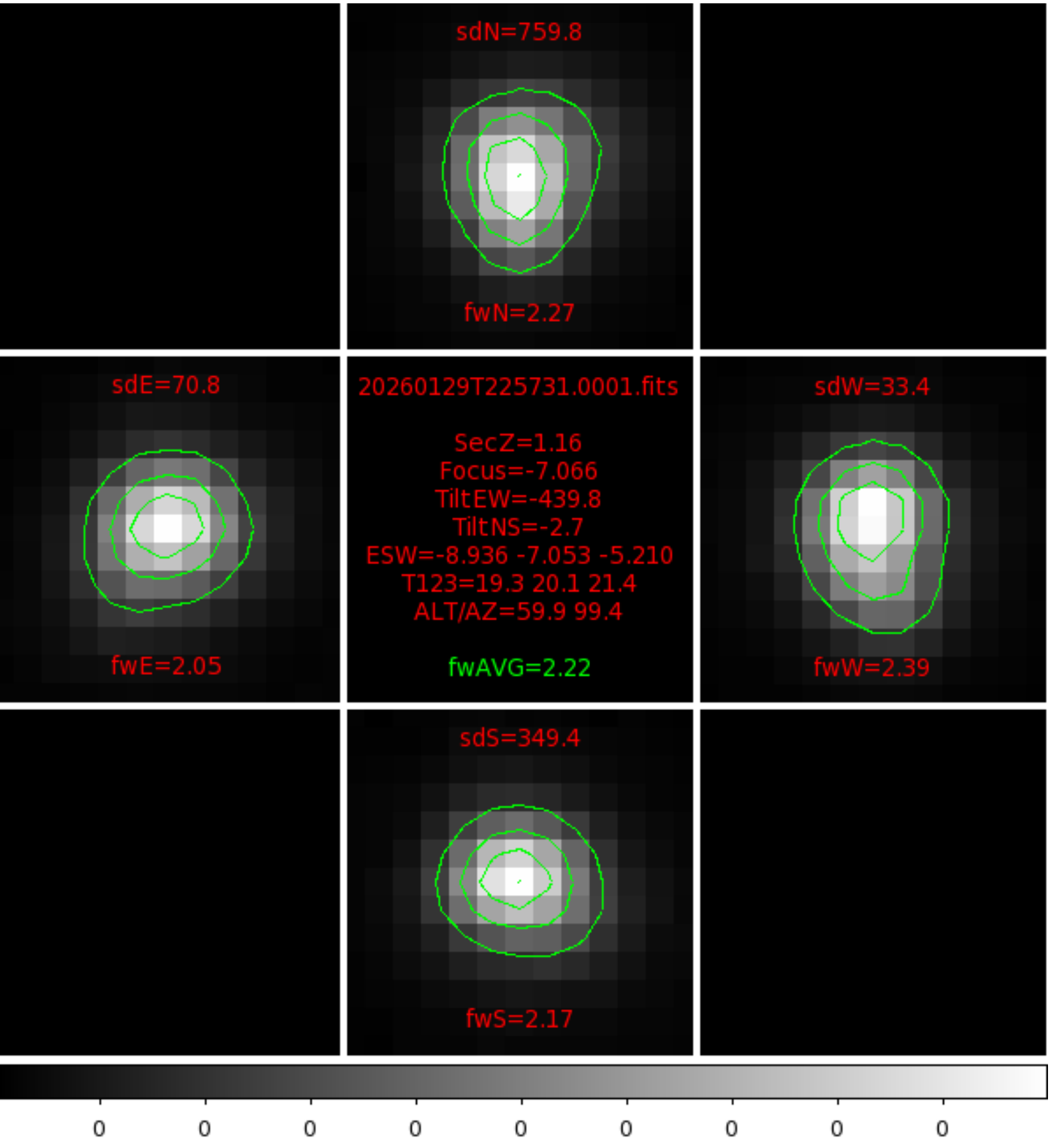
sdN=759.8
fwN=2.27
sdE=70.8
fwE=2.05
20260129T225731.0001.fits
SecZ=1.16
Focus=-7.066
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.936 -7.053 -5.210
T123=19.3 20.1 21.4
ALT/AZ=59.9 99.4
fwAVG=2.22
sdW=33.4
fwW=2.39
sdS=349.4
fwS=2.17
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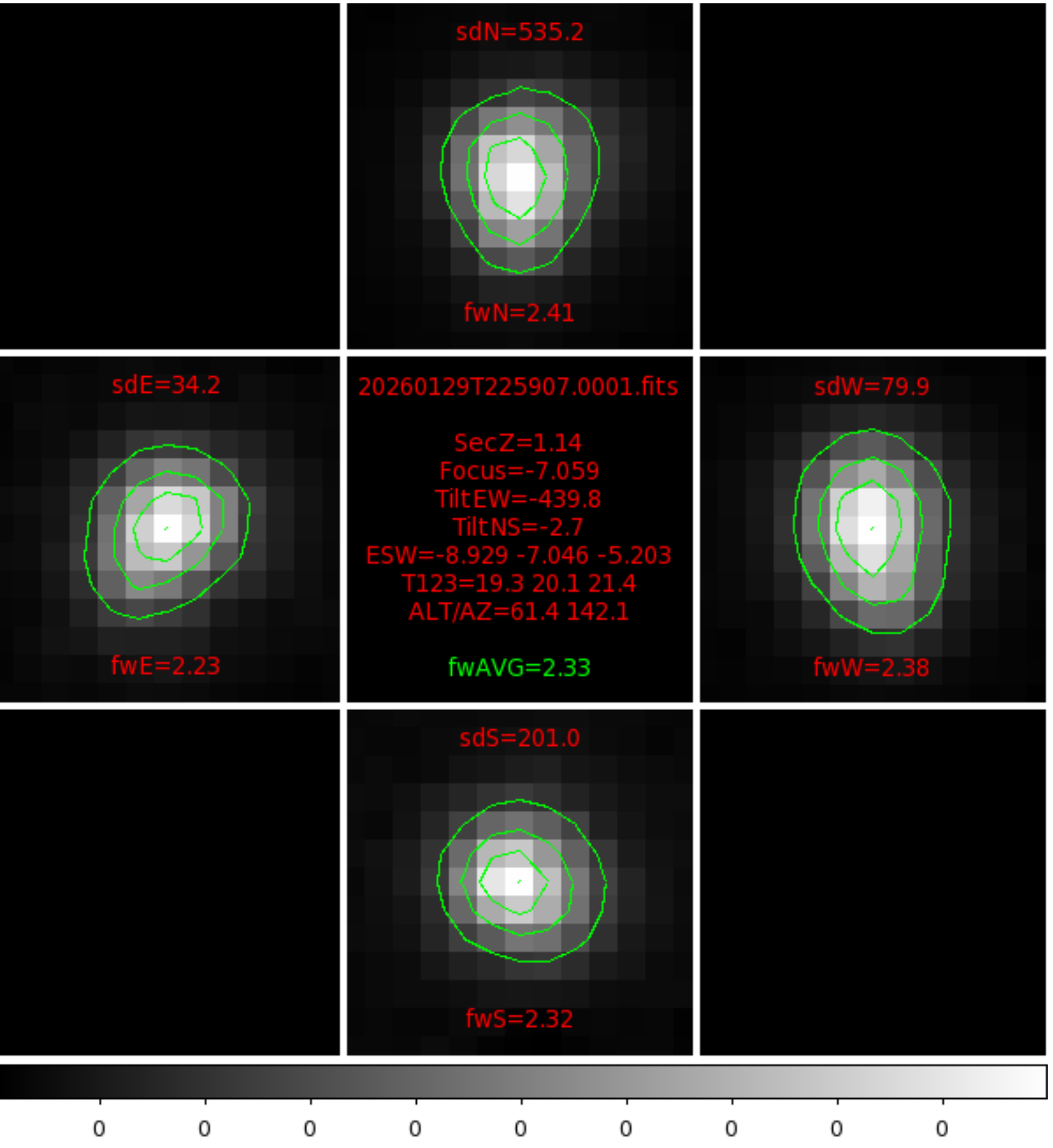
sdN=535.2
fwN=2.41
sdE=34.2
fwE=2.23
20260129T225907.0001.fits
SecZ=1.14
Focus=-7.059
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.929 -7.046 -5.203
T123=19.3 20.1 21.4
ALT/AZ=61.4 142.1
fwAVG=2.33
sdW=79.9
fwW=2.38
sdS=201.0
fwS=2.32
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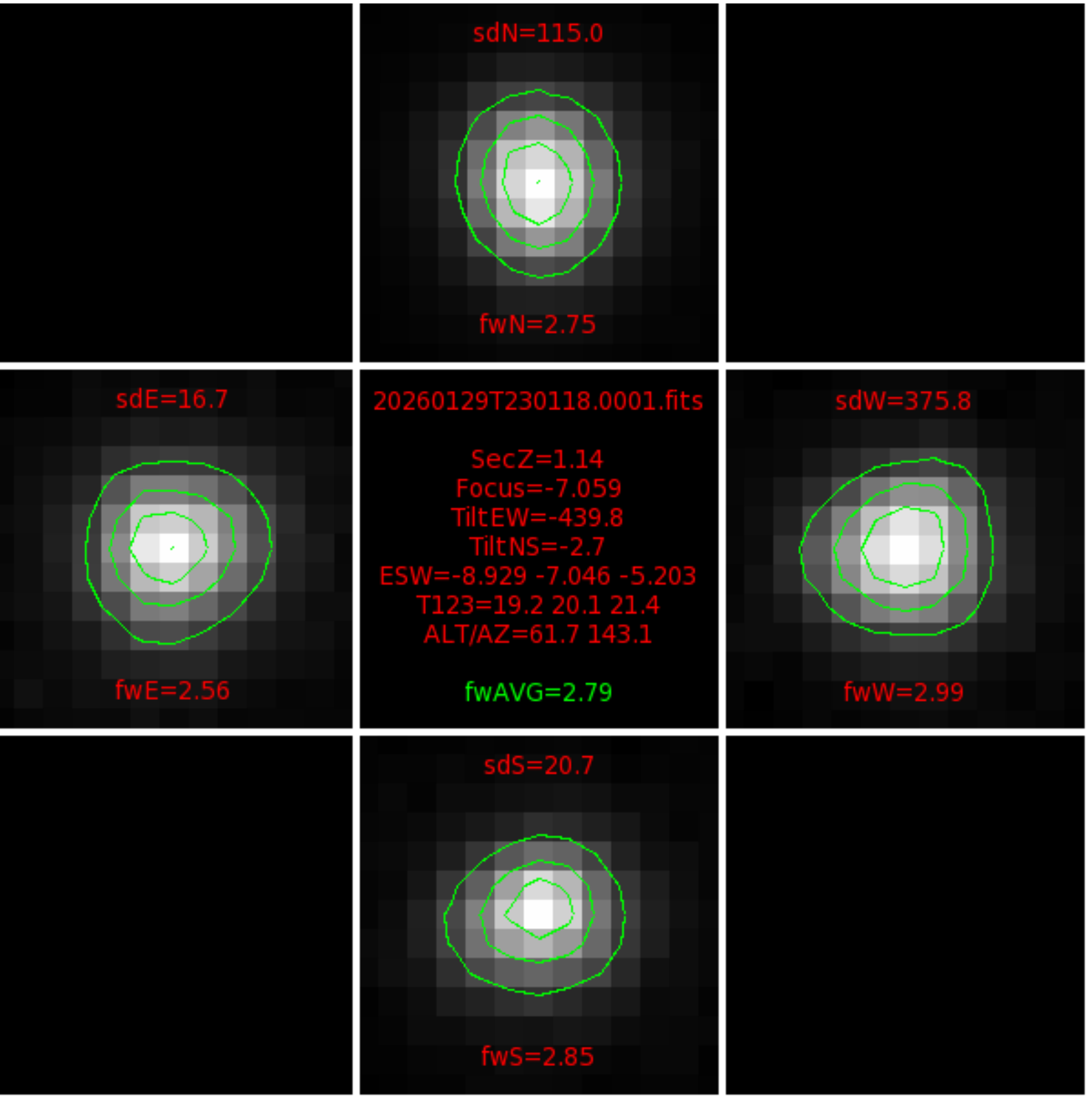
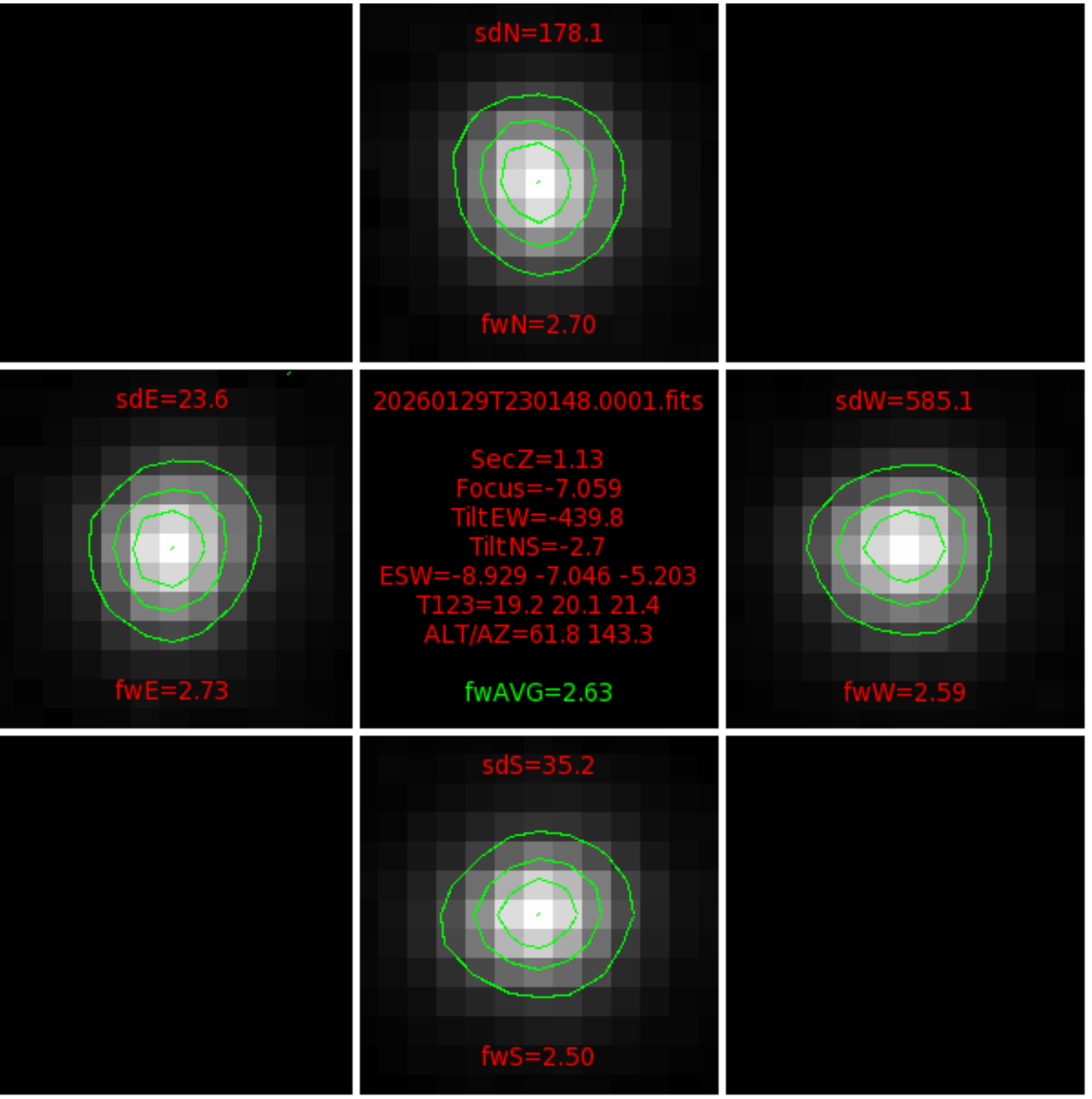

sdN=115.0
fwN=2.75
sdE=16.7
fwE=2.56
20260129T230118.0001.fits
SecZ=1.14
Focus=-7.059
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.929 -7.046 -5.203
T123=19.2 20.1 21.4
ALT/AZ=61.7 143.1
fwAVG=2.79
sdW=375.8
fwW=2.99
sdS=20.7
fwS=2.85
0 0 0 0 0 0 0 0 0


sdN=178.1
fwN=2.70
sdE=23.6
fwE=2.73
20260129T230148.0001.fits
SecZ=1.13
Focus=-7.059
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.929 -7.046 -5.203
T123=19.2 20.1 21.4
ALT/AZ=61.8 143.3
fwAVG=2.63
sdW=585.1
fwW=2.59
sdS=35.2
fwS=2.50
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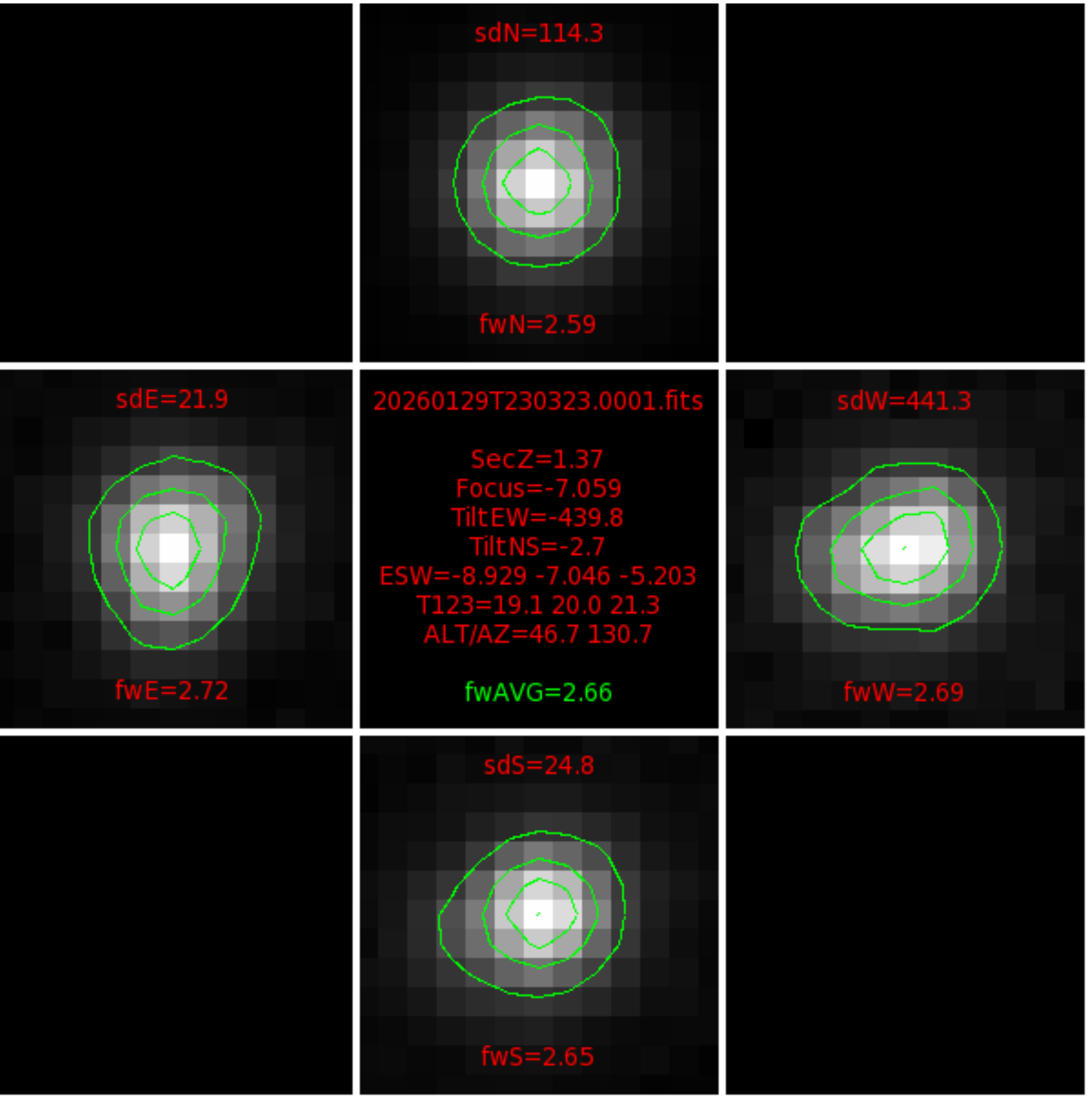
sdN=114.3
fwN=2.59
sdE=21.9
fwE=2.72
20260129T230323.0001.fits
SecZ=1.37
Focus=-7.059
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.929 -7.046 -5.203
T123=19.1 20.0 21.3
ALT/AZ=46.7 130.7
fwAVG=2.66
sdW=441.3
fwW=2.69
sdS=24.8
fwS=2.65
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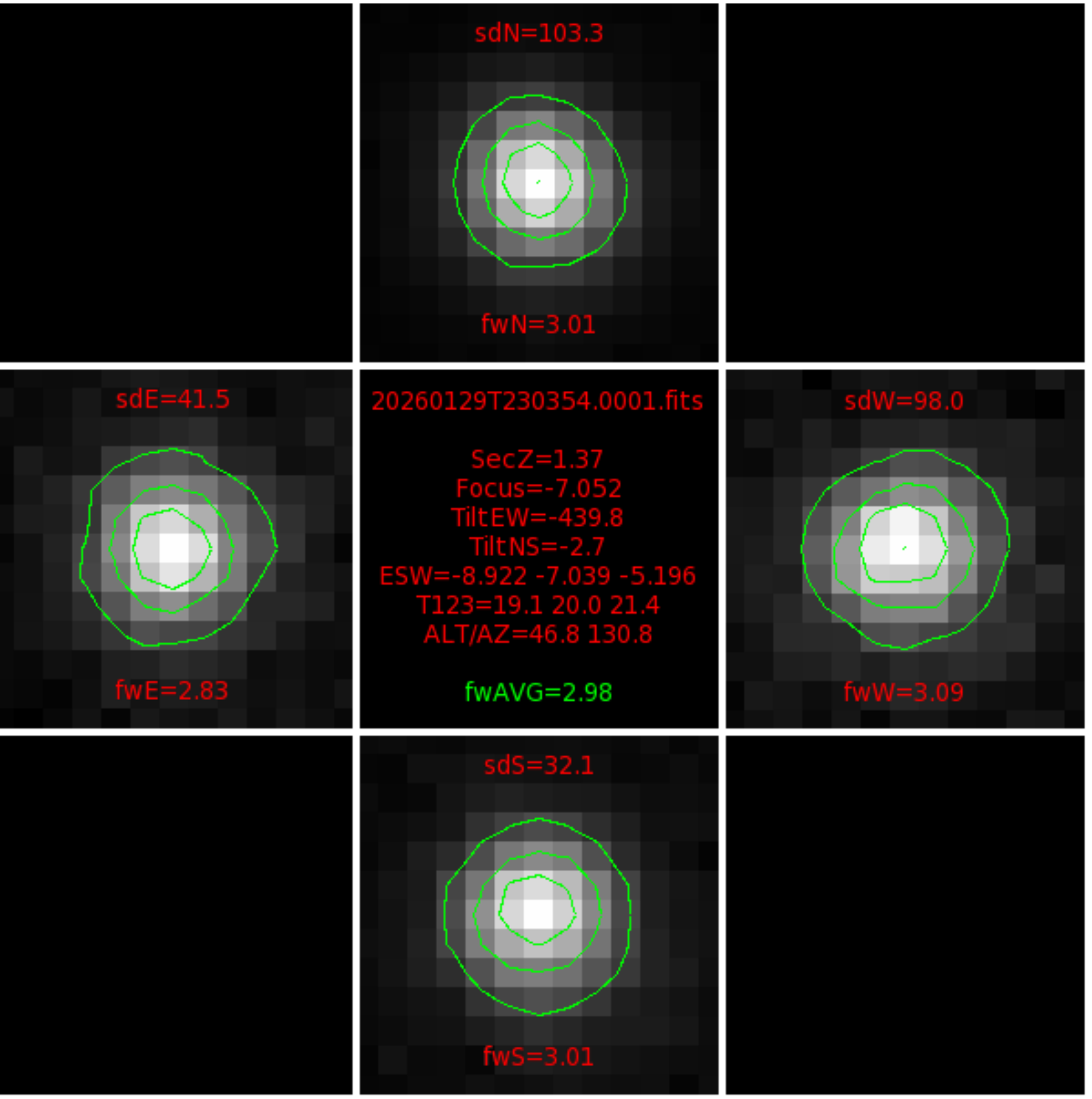
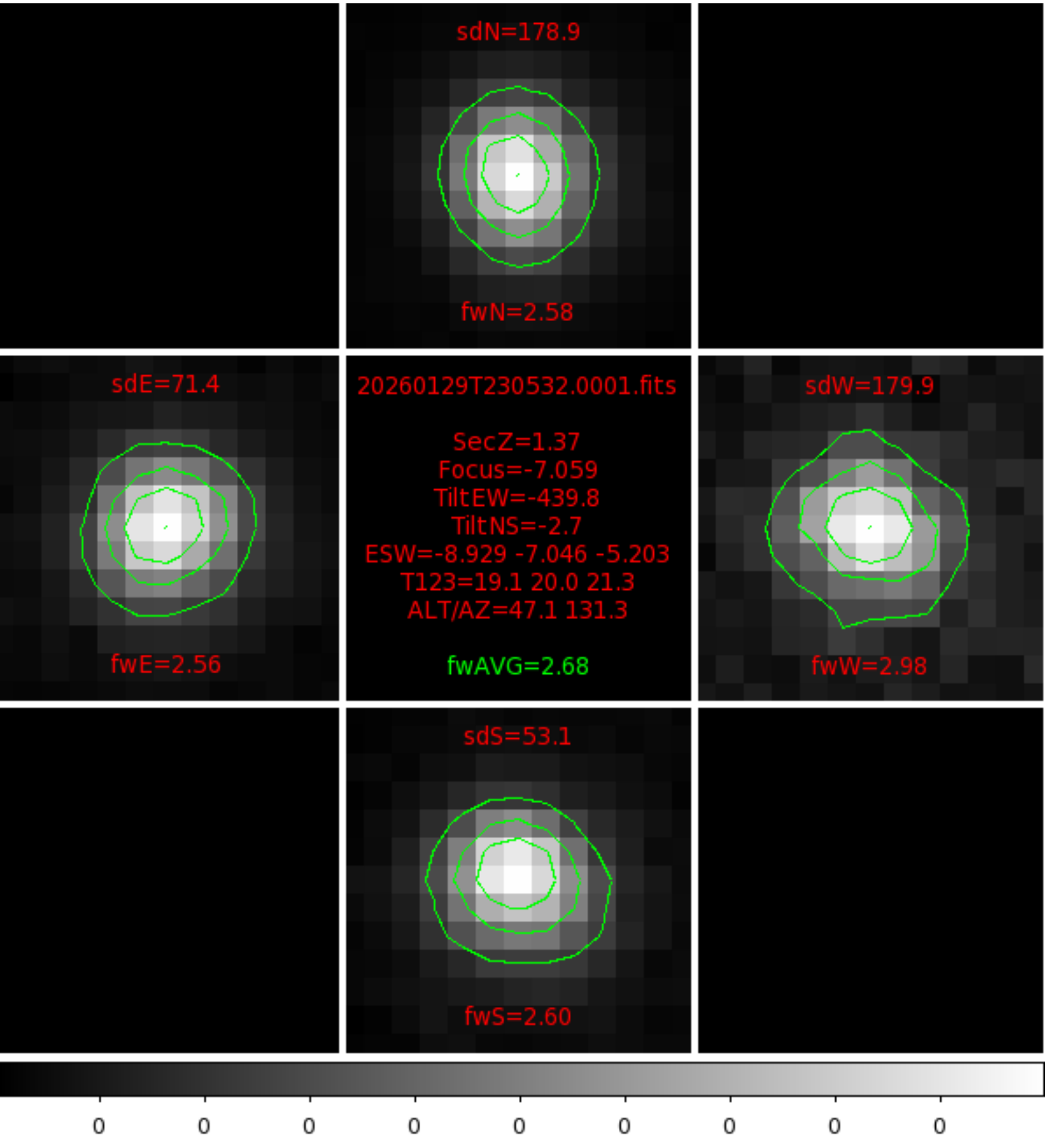

sdN=103.3
fwN=3.01
sdE=41.5
fwE=2.83
20260129T230354.0001.fits
SecZ=1.37
Focus=-7.052
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.922 -7.039 -5.196
T123=19.1 20.0 21.4
ALT/AZ=46.8 130.8
fwAVG=2.98
sdW=98.0
fwW=3.09
sdS=32.1
fwS=3.01
0 0 0 0 0 0 0 0 0


sdN=178.9
fwN=2.58
sdE=71.4
fwE=2.56
20260129T230532.0001.fits
SecZ=1.37
Focus=-7.059
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.929 -7.046 -5.203
T123=19.1 20.0 21.3
ALT/AZ=47.1 131.3
fwAVG=2.68
sdW=179.9
fwW=2.98
sdS=53.1
fwS=2.60
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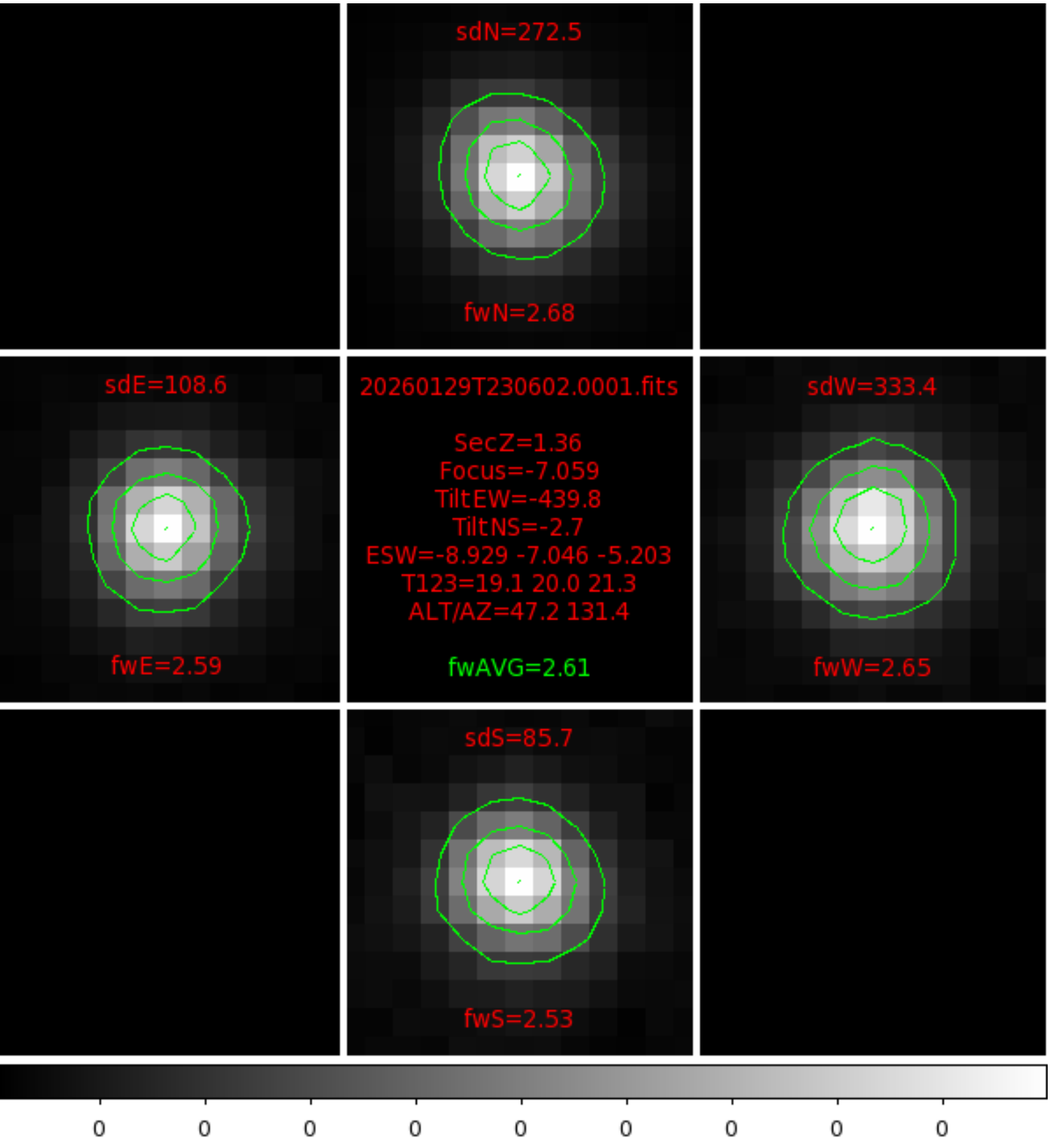
sdN=272.5
fwN=2.68
sdE=108.6
fwE=2.59
20260129T230602.0001.fits
SecZ=1.36
Focus=-7.059
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.929 -7.046 -5.203
T123=19.1 20.0 21.3
ALT/AZ=47.2 131.4
fwAVG=2.61
sdW=333.4
fwW=2.65
sdS=85.7
fwS=2.53
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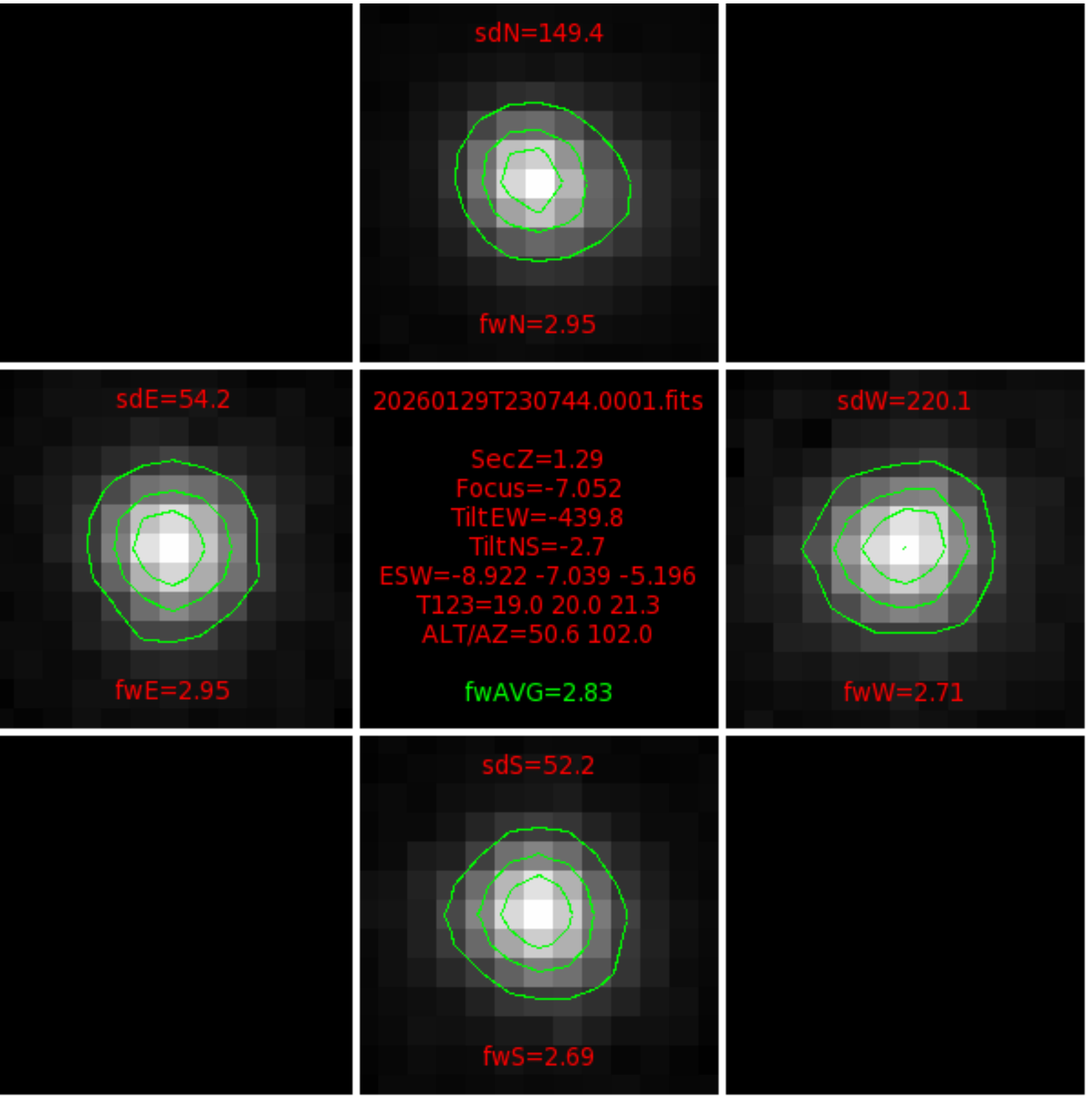
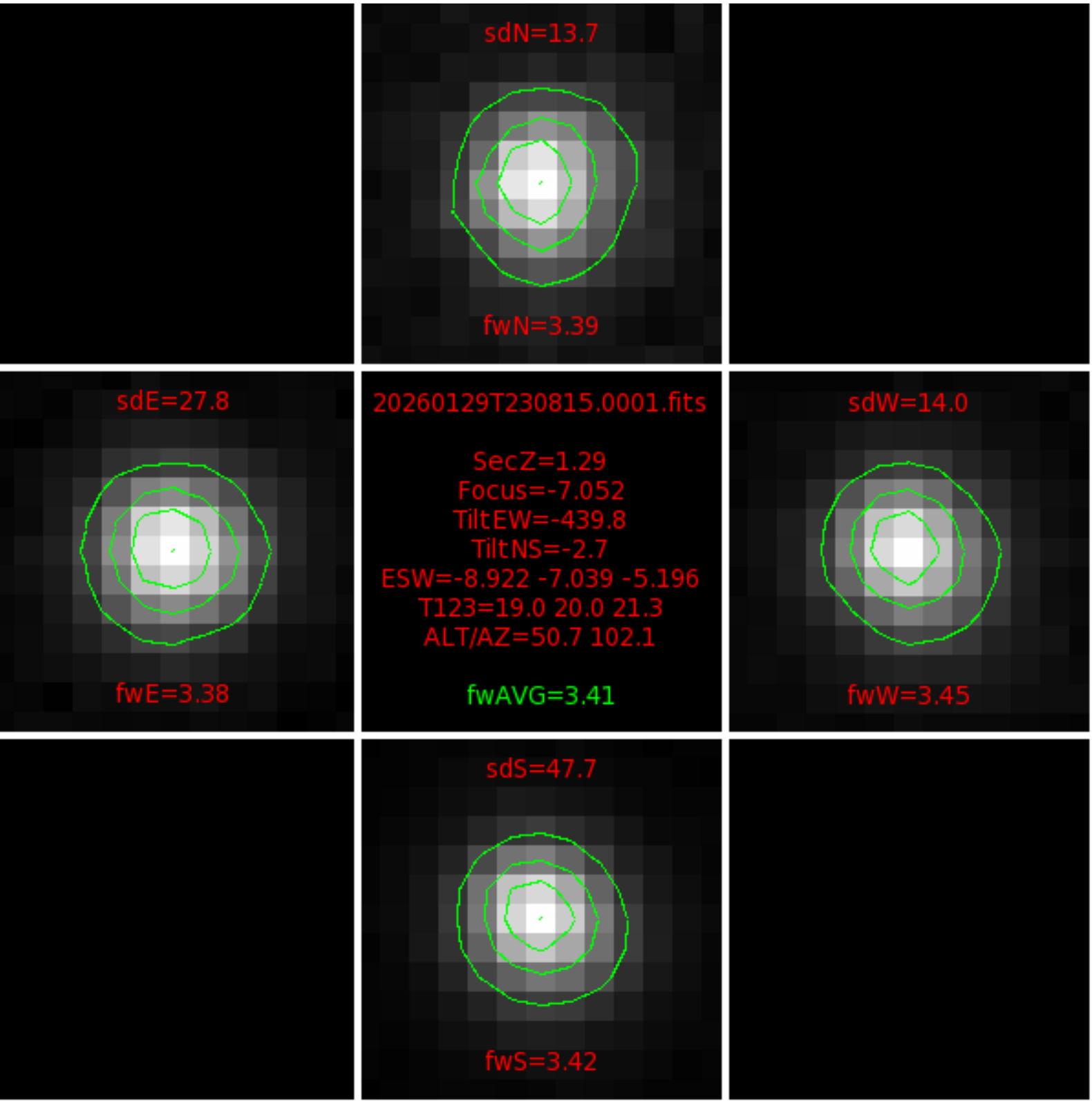

sdN=149.4
fwN=2.95
sdE=54.2
fwE=2.95
20260129T230744.0001.fits
SecZ=1.29
Focus=-7.052
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.922 -7.039 -5.196
T123=19.0 20.0 21.3
ALT/AZ=50.6 102.0
fwAVG=2.83
sdW=220.1
fwW=2.71
sdS=52.2
fwS=2.69
0 0 0 0 0 0 0 0 0


sdN=13.7
fwN=3.39
sdE=27.8
fwE=3.38
20260129T230815.0001.fits
SecZ=1.29
Focus=-7.052
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.922 -7.039 -5.196
T123=19.0 20.0 21.3
ALT/AZ=50.7 102.1
fwAVG=3.41
sdW=14.0
fwW=3.45
sdS=47.7
fwS=3.42
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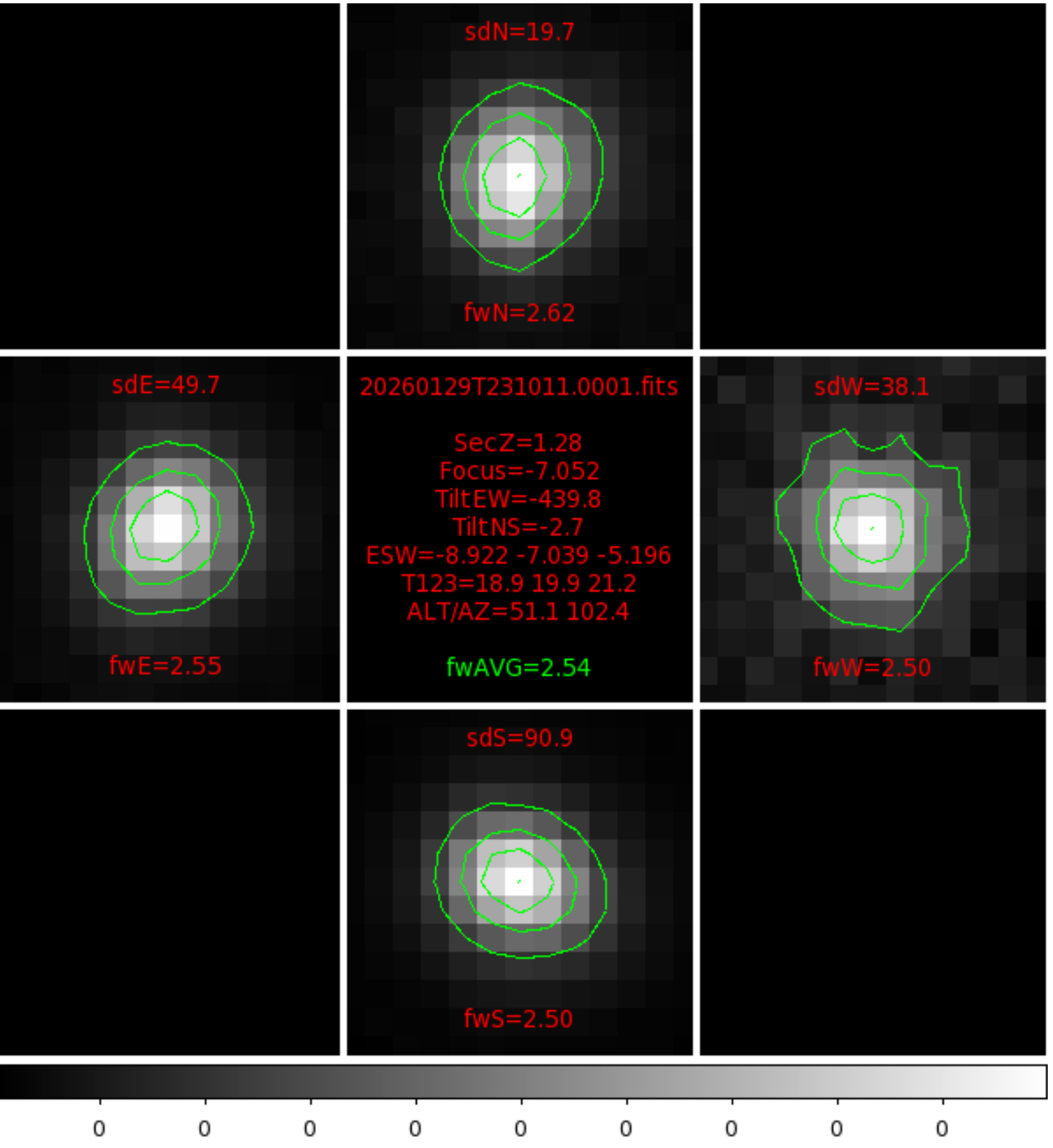
sdN=19.7
fwN=2.62
sdE=49.7
fwE=2.55
20260129T231011.0001.fits
SecZ=1.28
Focus=-7.052
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.922 -7.039 -5.196
T123=18.9 19.9 21.2
ALT/AZ=51.1 102.4
fwAVG=2.54
sdW=38.1
fwW=2.50
sdS=90.9
fwS=2.50
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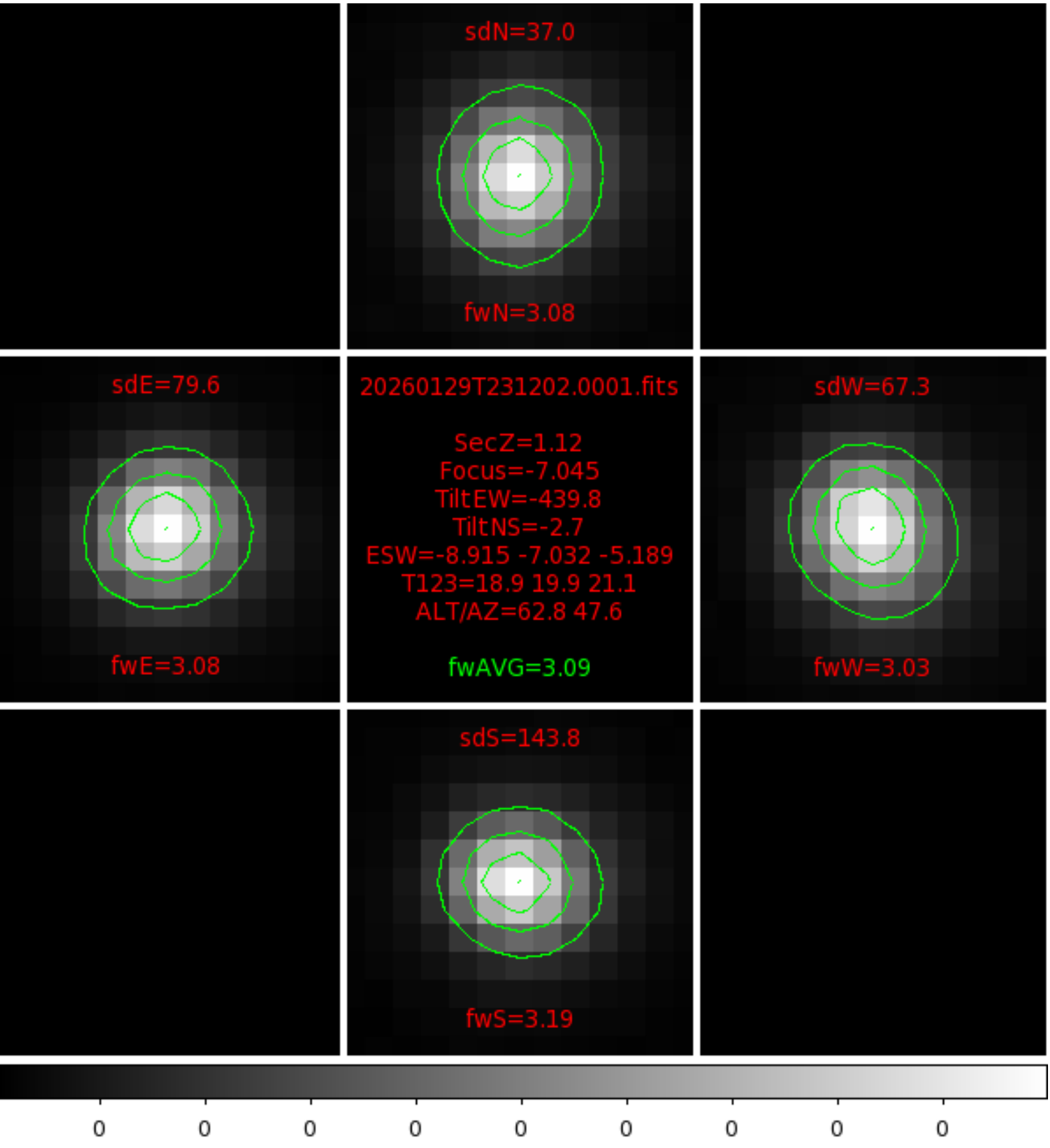
sdN=37.0
fwN=3.08
sdE=79.6
fwE=3.08
20260129T231202.0001.fits
SecZ=1.12
Focus=-7.045
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.915 -7.032 -5.189
T123=18.9 19.9 21.1
ALT/AZ=62.8 47.6
fwAVG=3.09
sdW=67.3
fwW=3.03
sdS=143.8
fwS=3.19
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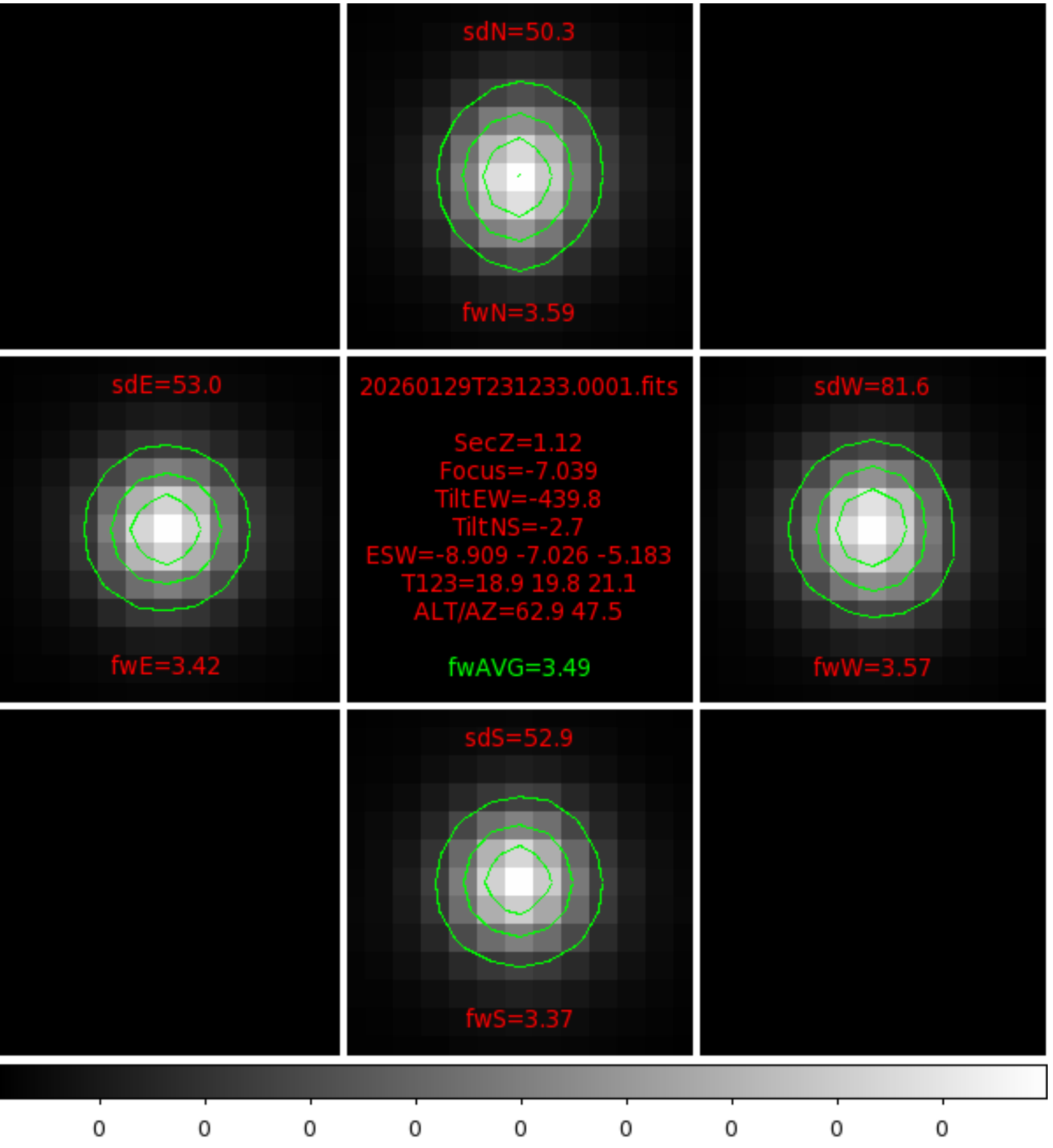
sdN=50.3
fwN=3.59
sdE=53.0
fwE=3.42
20260129T231233.0001.fits
SecZ=1.12
Focus=-7.039
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.909 -7.026 -5.183
T123=18.9 19.8 21.1
ALT/AZ=62.9 47.5
fwAVG=3.49
sdW=81.6
fwW=3.57
sdS=52.9
fwS=3.37
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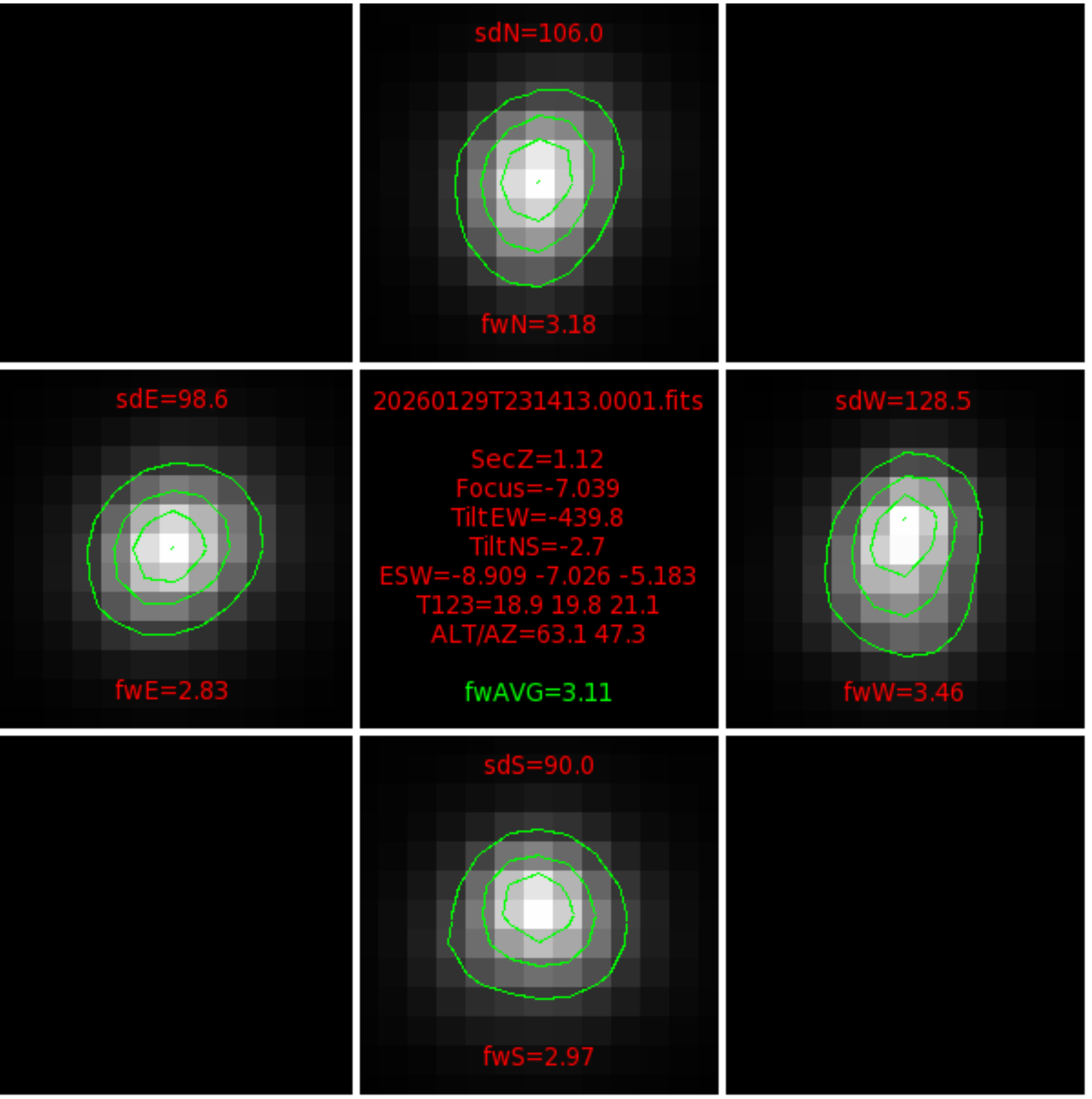
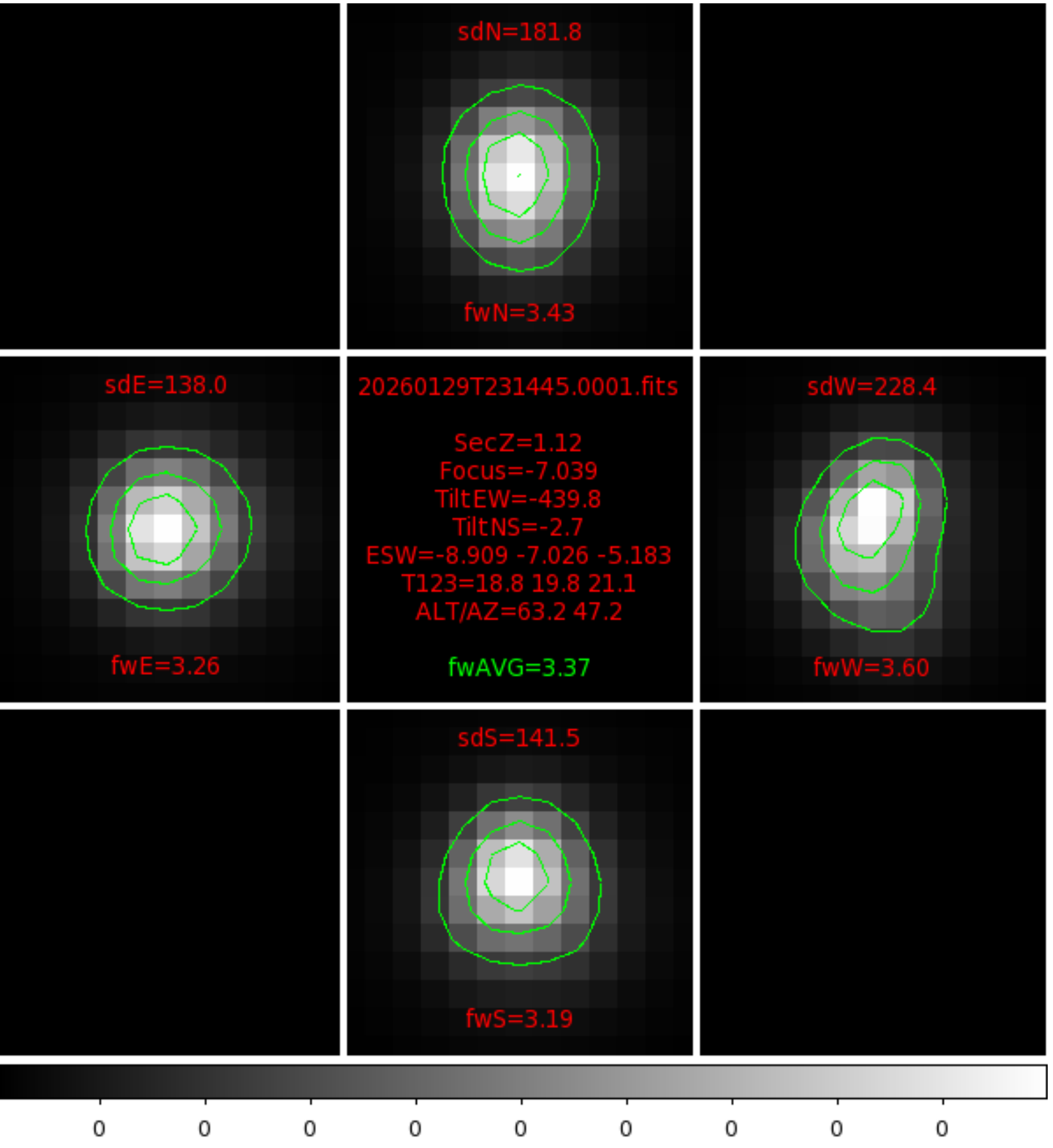
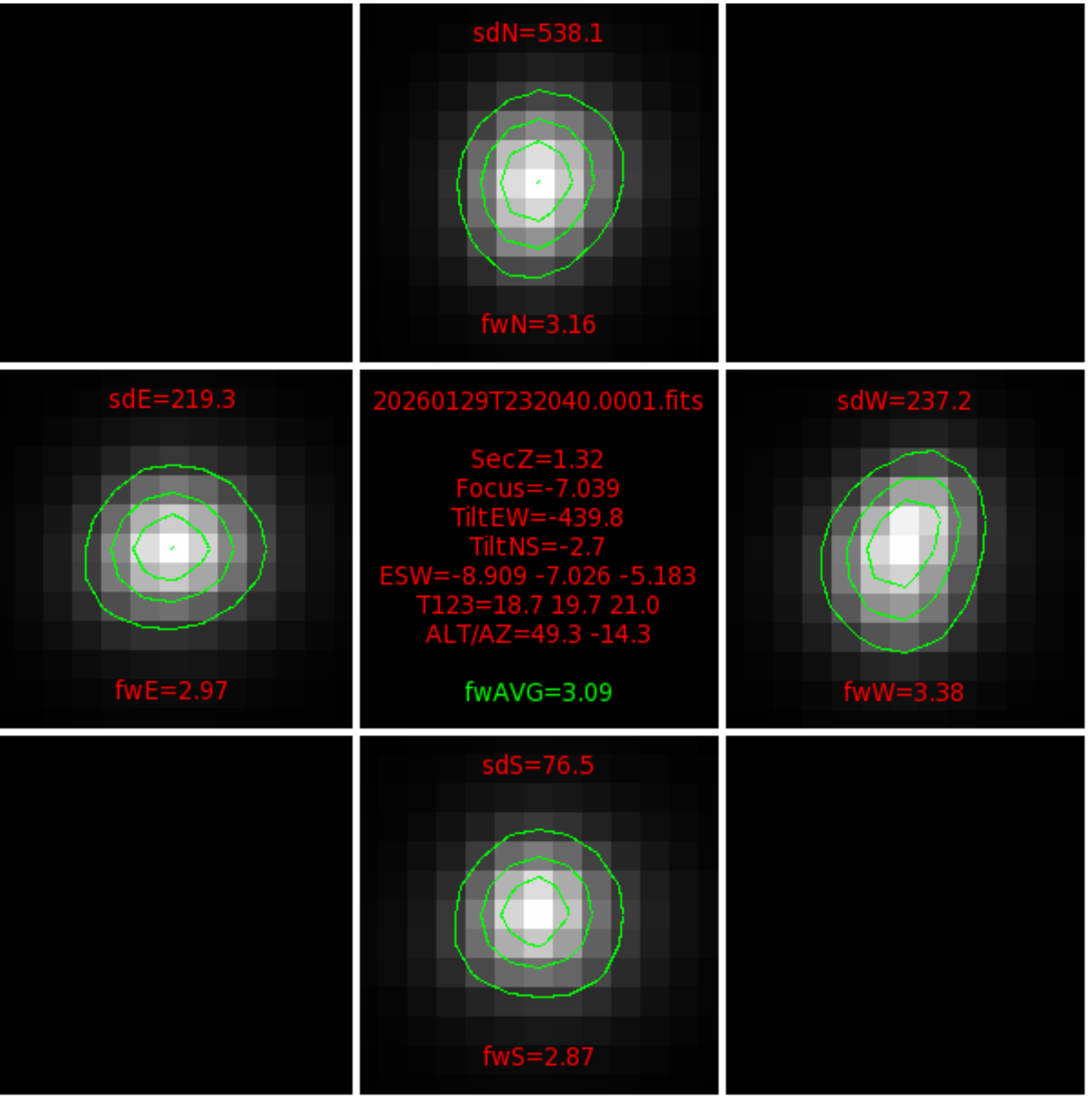
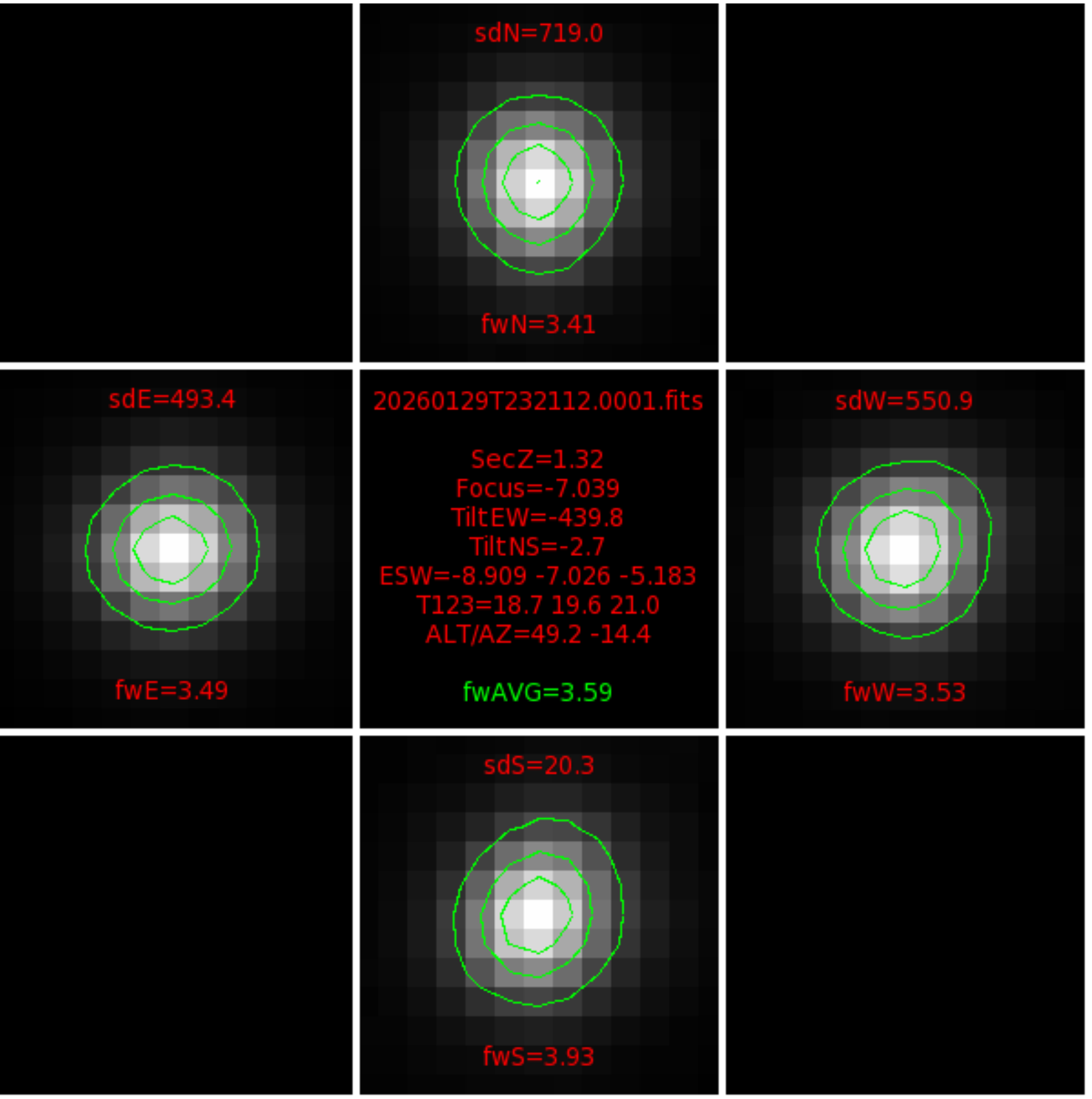
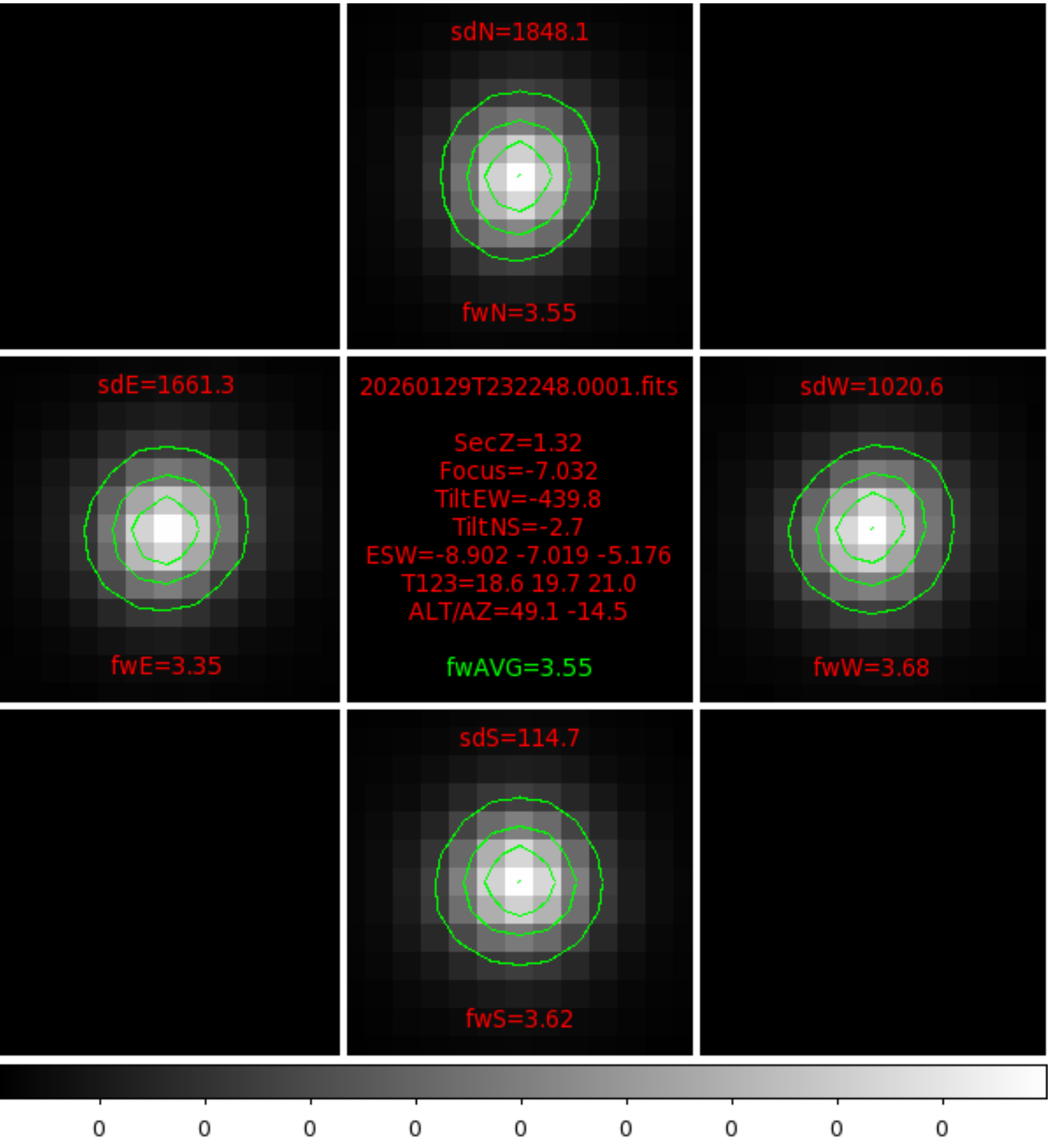
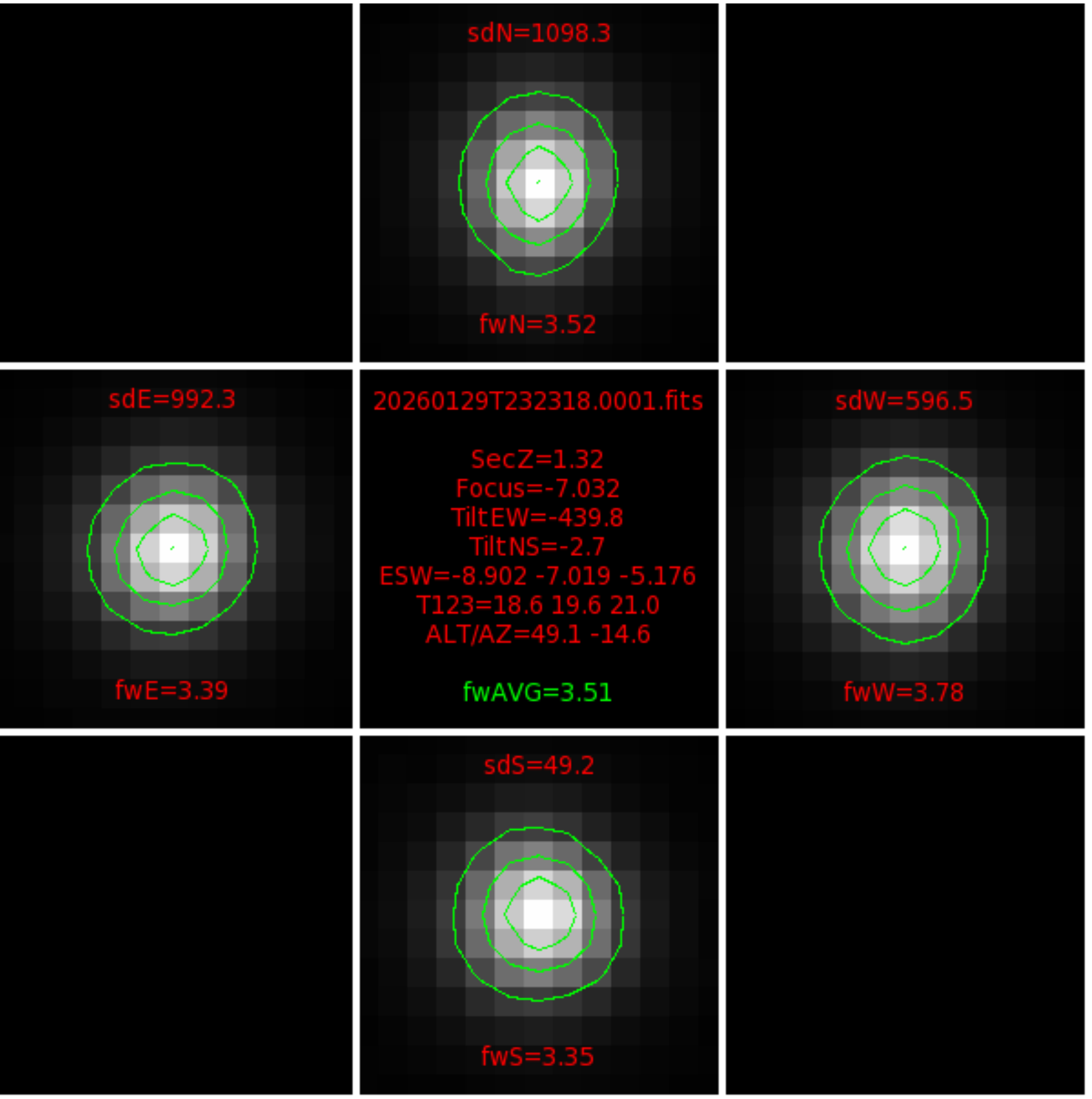

sdN=106.0
fwN=3.18
sdE=98.6
fwE=2.83
20260129T231413.0001.fits
SecZ=1.12
Focus=-7.039
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.909 -7.026 -5.183
T123=18.9 19.8 21.1
ALT/AZ=63.1 47.3
fwAVG=3.11
sdW=128.5
fwW=3.46
sdS=90.0
fwS=2.97
0 0 0 0 0 0 0 0 0

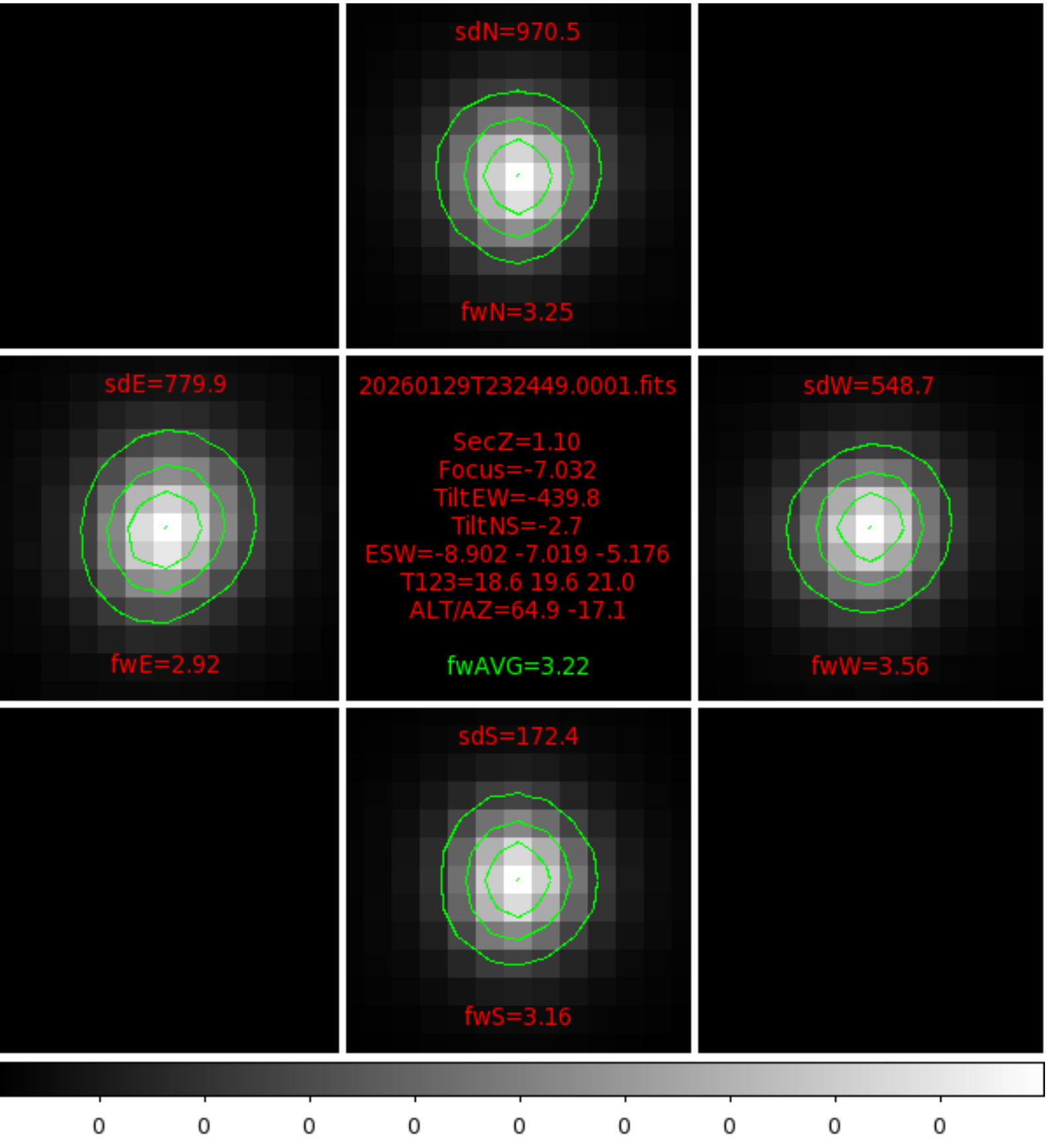

sdN=181.8
fwN=3.43
sdE=138.0
fwE=3.26
20260129T231445.0001.fits
SecZ=1.12
Focus=-7.039
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.909 -7.026 -5.183
T123=18.8 19.8 21.1
ALT/AZ=63.2 47.2
fwAVG=3.37
sdW=228.4
fwW=3.60
sdS=141.5
fwS=3.19
0 0 0 0 0 0 0 0 0


sdN=538.1
fwN=3.16
sdE=219.3
fwE=2.97
20260129T232040.0001.fits
SecZ=1.32
Focus=-7.039
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.909 -7.026 -5.183
T123=18.7 19.7 21.0
ALT/AZ=49.3 -14.3
fwAVG=3.09
sdW=237.2
fwW=3.38
sdS=76.5
fwS=2.87
0 0 0 0 0 0 0 0 0


sdN=719.0
fwN=3.41
sdE=493.4
fwE=3.49
20260129T232112.0001.fits
SecZ=1.32
Focus=-7.039
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.909 -7.026 -5.183
T123=18.7 19.6 21.0
ALT/AZ=49.2 -14.4
fwAVG=3.59
sdW=550.9
fwW=3.53
sdS=20.3
fwS=3.93
0 0 0 0 0 0 0 0 0


sdN=1848.1
fwN=3.55
sdE=1661.3
fwE=3.35
20260129T232248.0001.fits
SecZ=1.32
Focus=-7.032
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.902 -7.019 -5.176
T123=18.6 19.7 21.0
ALT/AZ=49.1 -14.5
fwAVG=3.55
sdW=1020.6
fwW=3.68
sdS=114.7
fwS=3.62
0 0 0 0 0 0 0 0 0


sdN=1098.3
fwN=3.52
sdE=992.3
fwE=3.39
20260129T232318.0001.fits
SecZ=1.32
Focus=-7.032
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.902 -7.019 -5.176
T123=18.6 19.6 21.0
ALT/AZ=49.1 -14.6
fwAVG=3.51
sdW=596.5
fwW=3.78
sdS=49.2
fwS=3.35
0 0 0 0 0 0 0 0 0


sdN=970.5
fwN=3.25
sdE=779.9
fwE=2.92
20260129T232449.0001.fits
SecZ=1.10
Focus=-7.032
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.902 -7.019 -5.176
T123=18.6 19.6 21.0
ALT/AZ=64.9 -17.1
fwAVG=3.22
sdW=548.7
fwW=3.56
sdS=172.4
fwS=3.16
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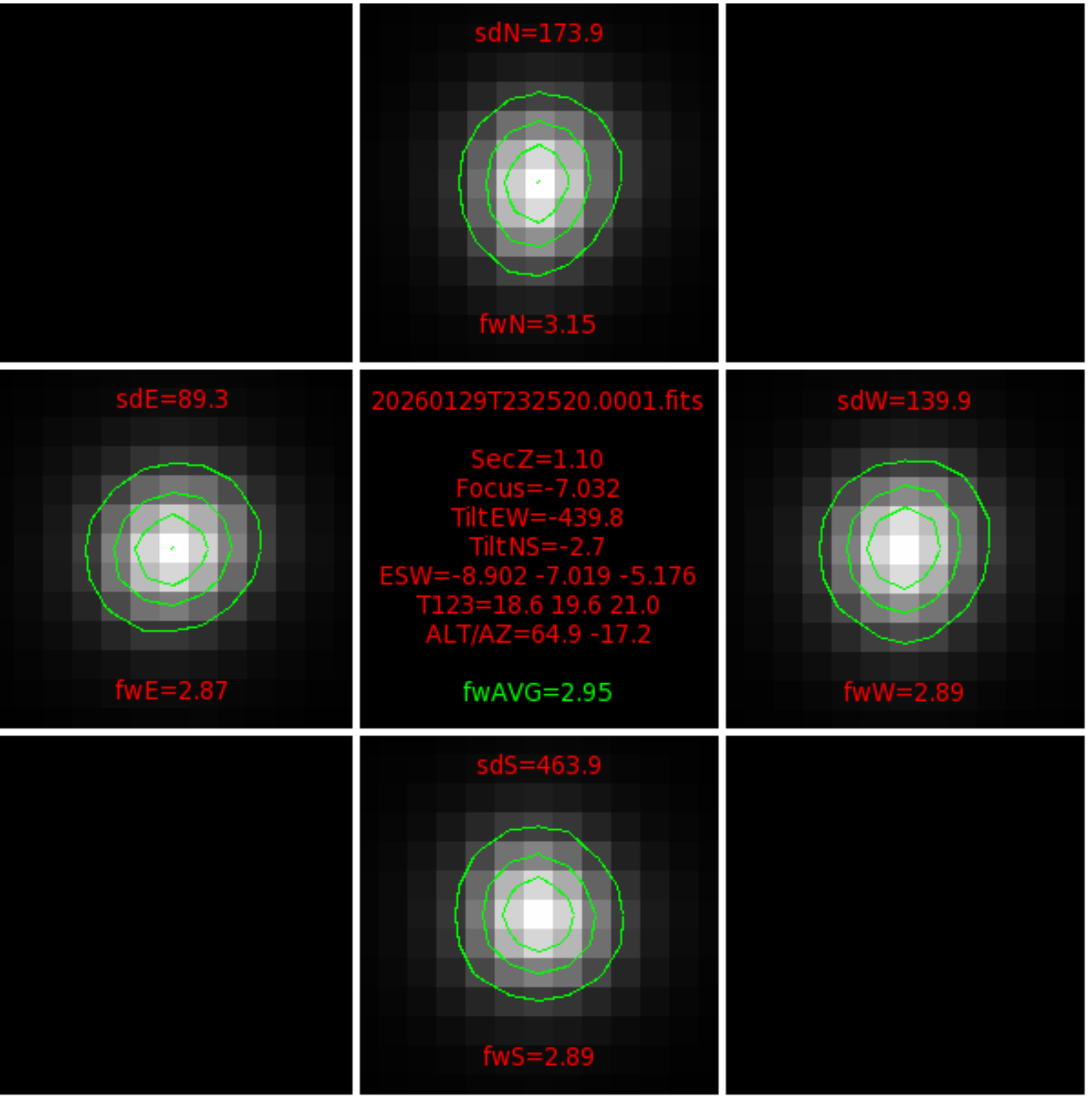
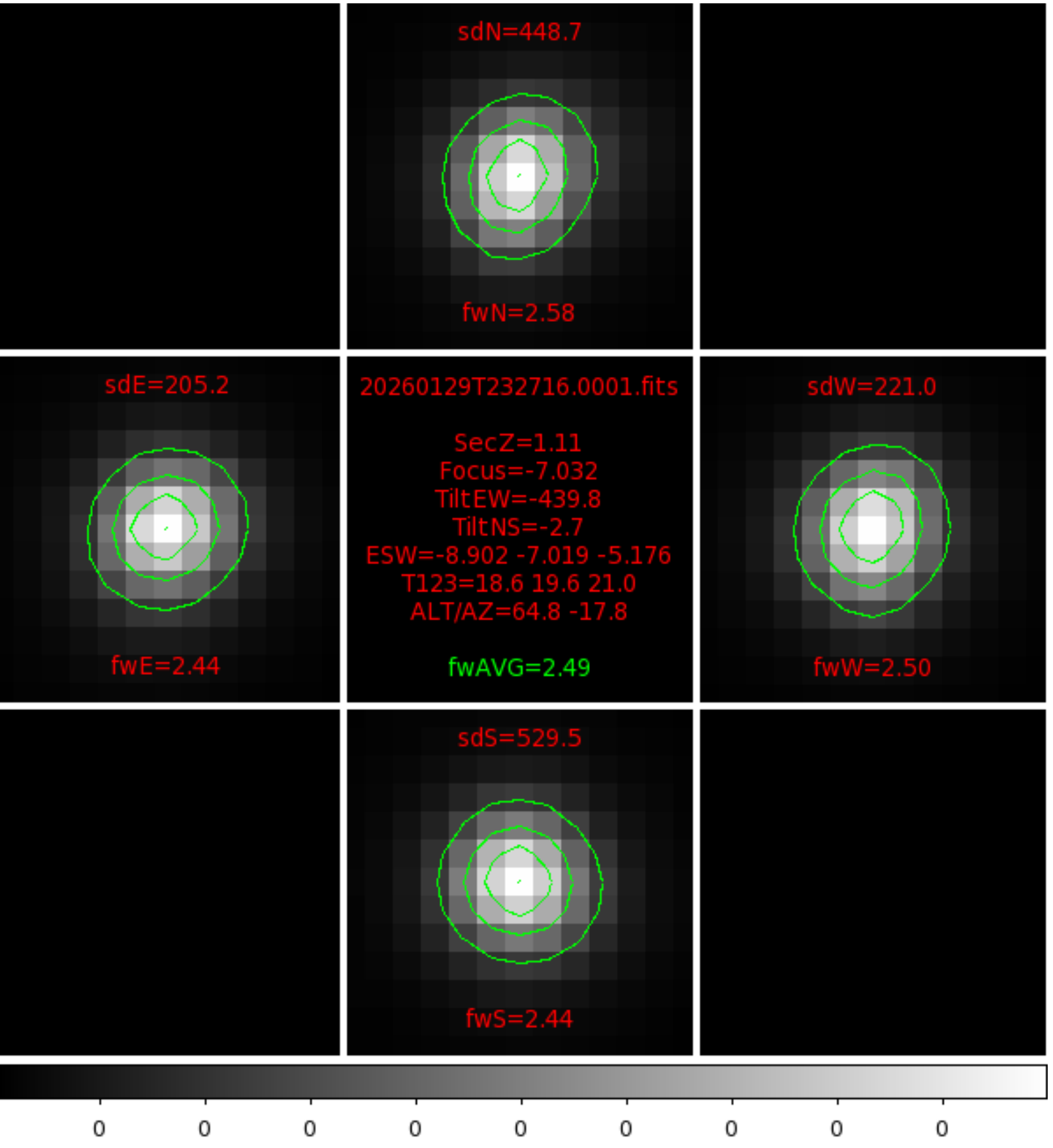
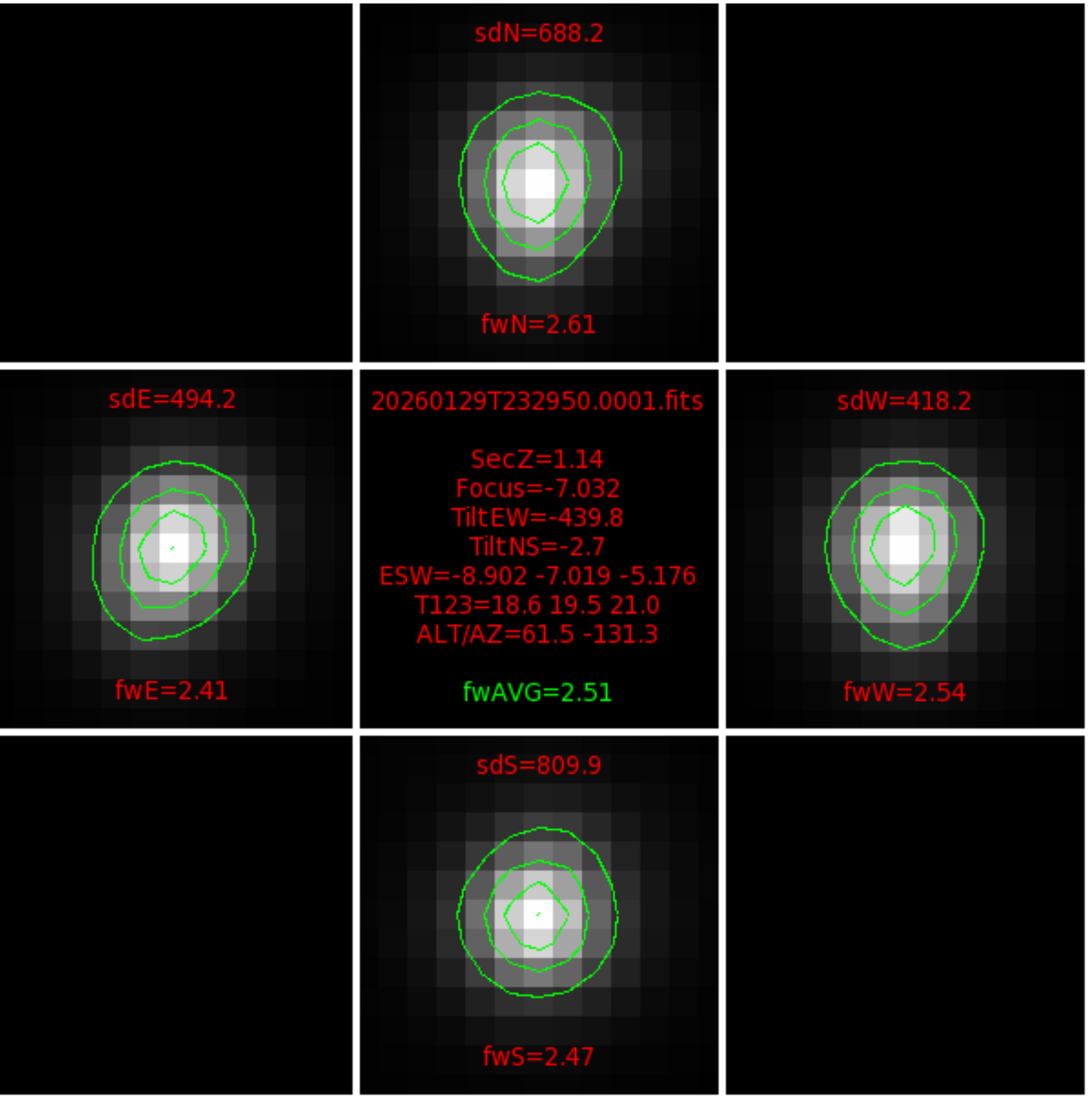
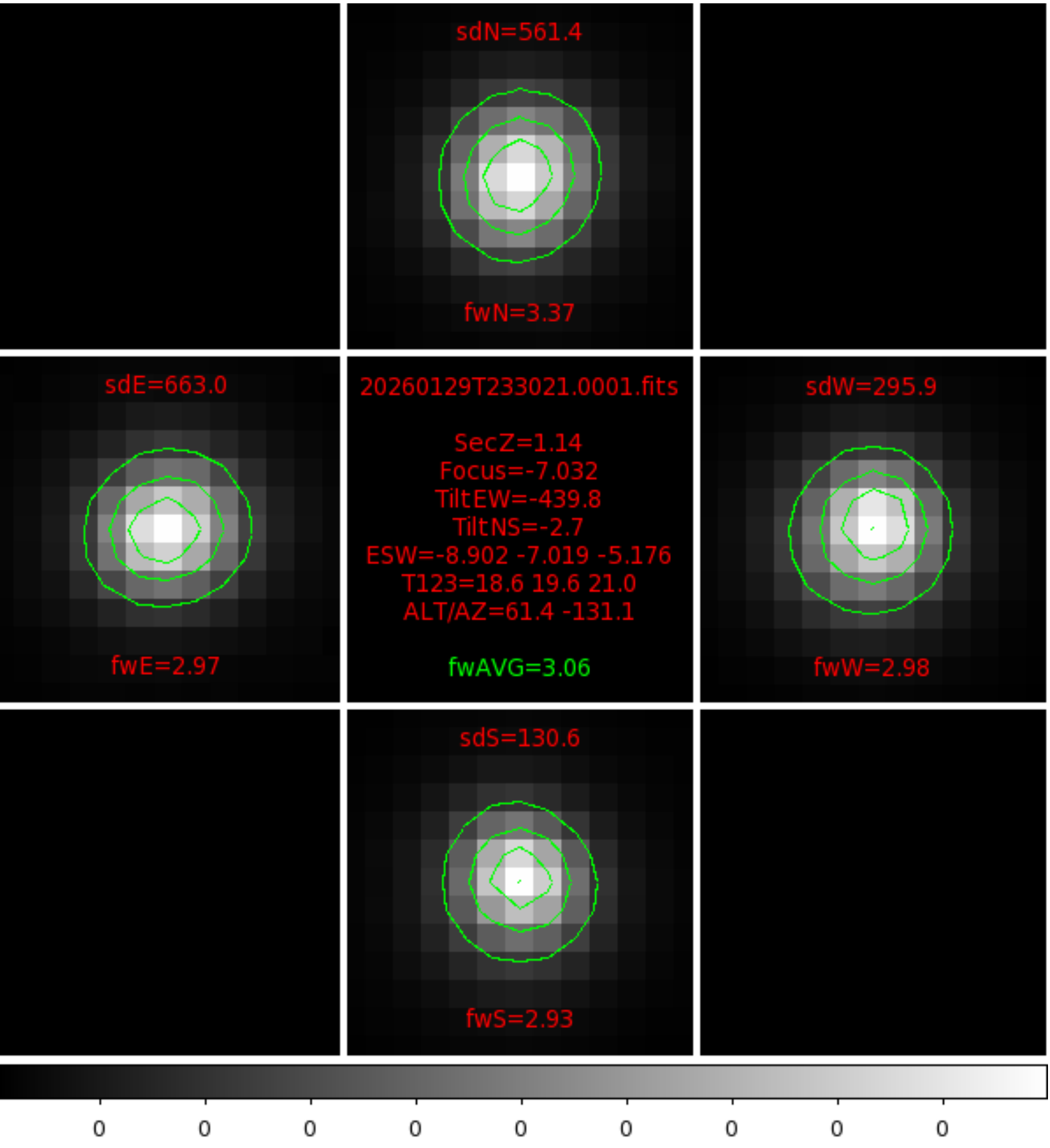

sdN=173.9
fwN=3.15
sdE=89.3
fwE=2.87
20260129T232520.0001.fits
SecZ=1.10
Focus=-7.032
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.902 -7.019 -5.176
T123=18.6 19.6 21.0
ALT/AZ=64.9 -17.2
fwAVG=2.95
sdW=139.9
fwW=2.89
sdS=463.9
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=448.7
fwN=2.58
sdE=205.2
fwE=2.44
20260129T232716.0001.fits
SecZ=1.11
Focus=-7.032
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.902 -7.019 -5.176
T123=18.6 19.6 21.0
ALT/AZ=64.8 -17.8
fwAVG=2.49
sdW=221.0
fwW=2.50
sdS=529.5
fwS=2.44
0 0 0 0 0 0 0 0 0


sdN=688.2
fwN=2.61
sdE=494.2
fwE=2.41
20260129T232950.0001.fits
SecZ=1.14
Focus=-7.032
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.902 -7.019 -5.176
T123=18.6 19.5 21.0
ALT/AZ=61.5 -131.3
fwAVG=2.51
sdW=418.2
fwW=2.54
sdS=809.9
fwS=2.47
0 0 0 0 0 0 0 0 0


sdN=561.4
fwN=3.37
sdE=663.0
fwE=2.97
20260129T233021.0001.fits
SecZ=1.14
Focus=-7.032
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.902 -7.019 -5.176
T123=18.6 19.6 21.0
ALT/AZ=61.4 -131.1
fwAVG=3.06
sdW=295.9
fwW=2.98
sdS=130.6
fwS=2.93
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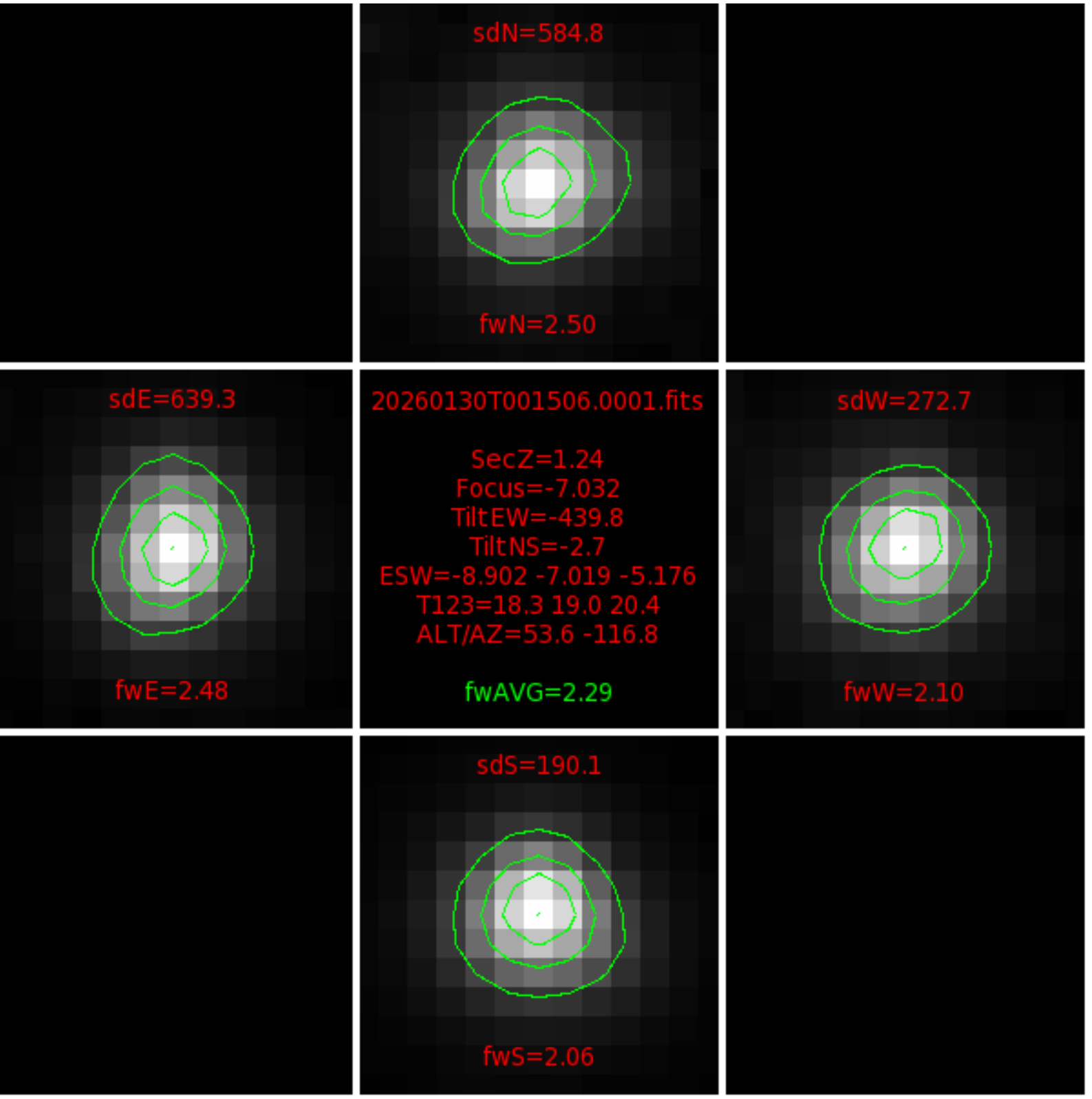
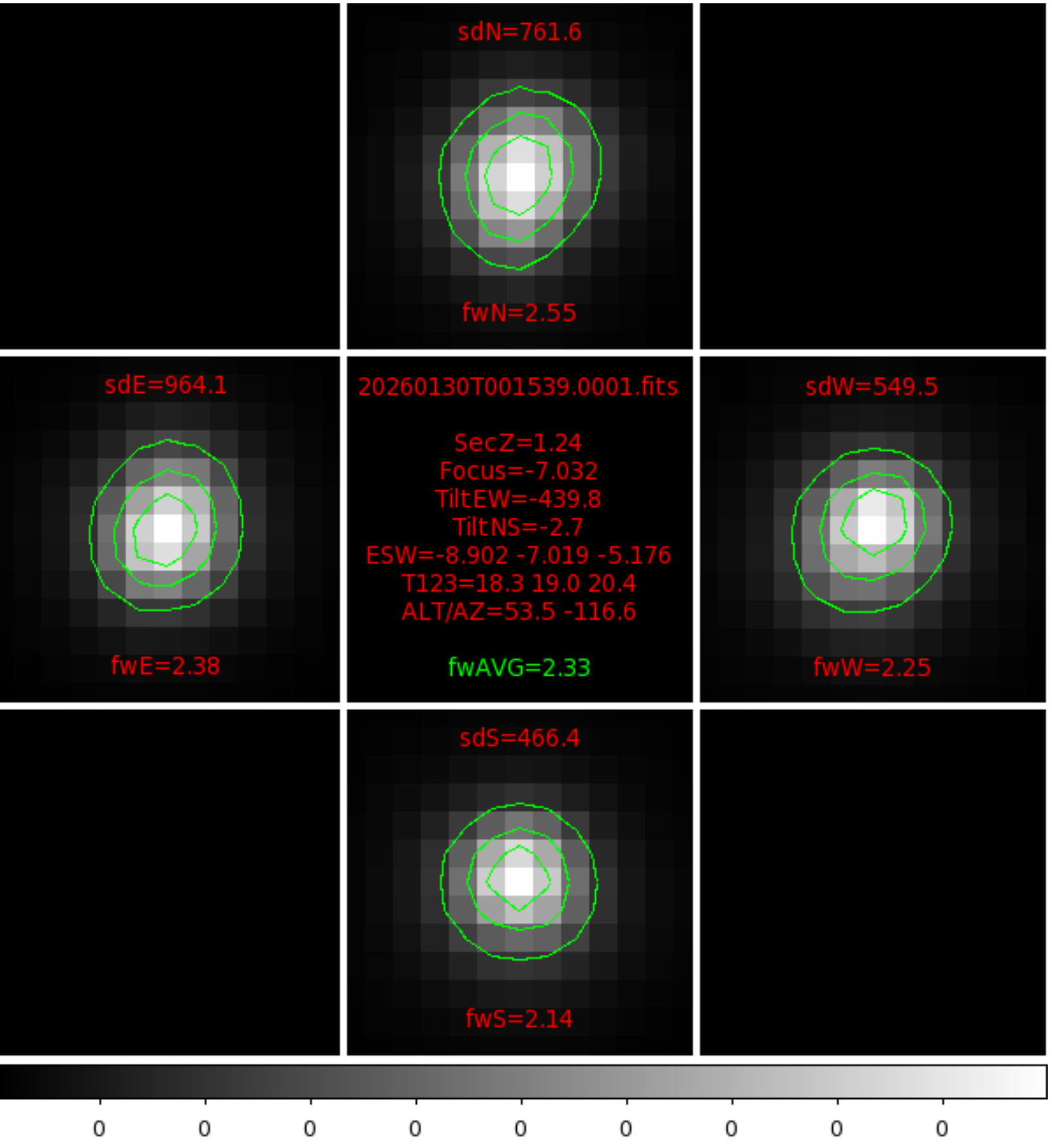

sdN=584.8
fwN=2.50
sdE=639.3
fwE=2.48
20260130T001506.0001.fits
SecZ=1.24
Focus=-7.032
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.902 -7.019 -5.176
T123=18.3 19.0 20.4
ALT/AZ=53.6 -116.8
fwAVG=2.29
sdW=272.7
fwW=2.10
sdS=190.1
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=761.6
fwN=2.55
sdE=964.1
fwE=2.38
20260130T001539.0001.fits
SecZ=1.24
Focus=-7.032
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.902 -7.019 -5.176
T123=18.3 19.0 20.4
ALT/AZ=53.5 -116.6
fwAVG=2.33
sdW=549.5
fwW=2.25
sdS=466.4
fwS=2.14
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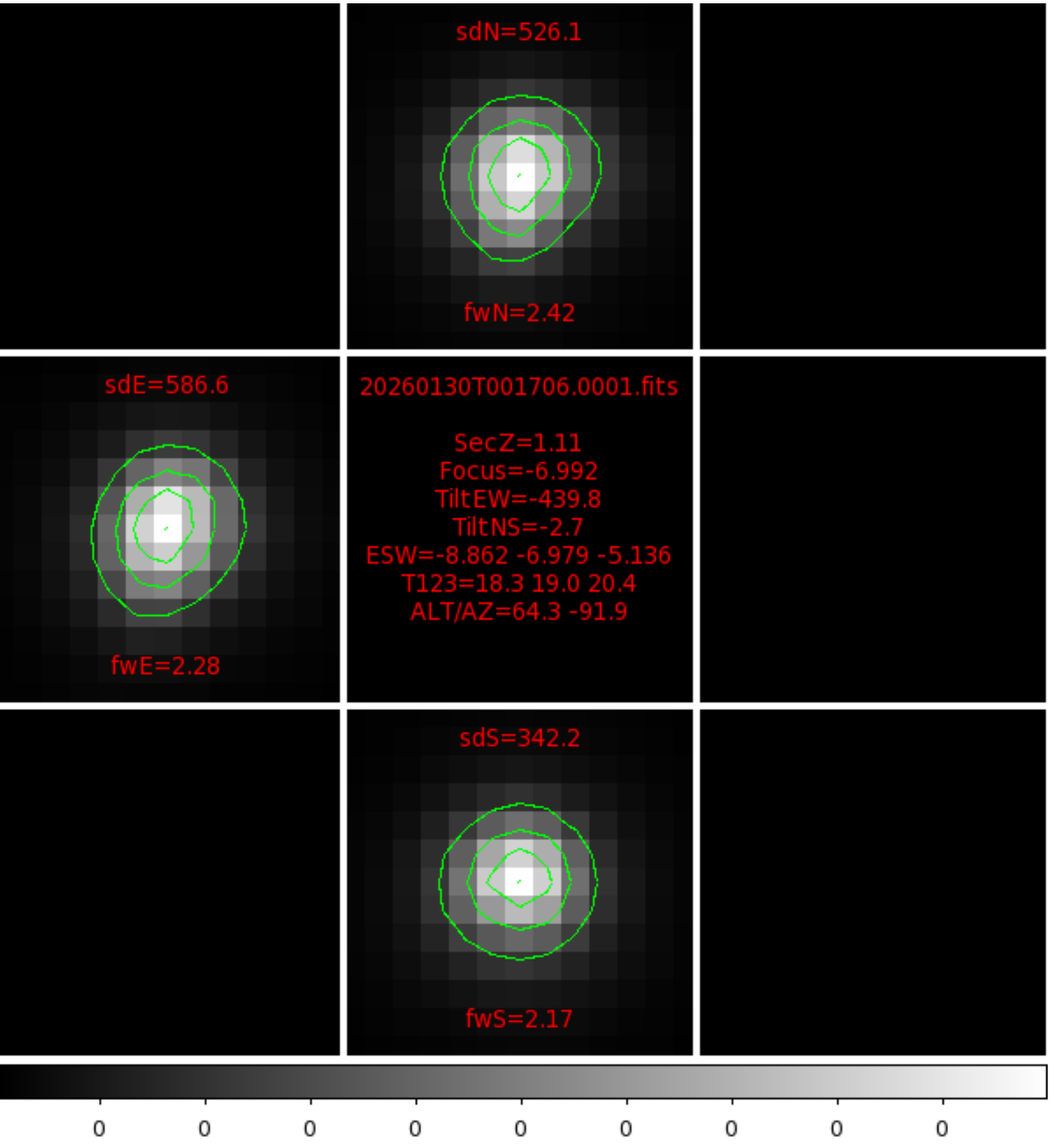
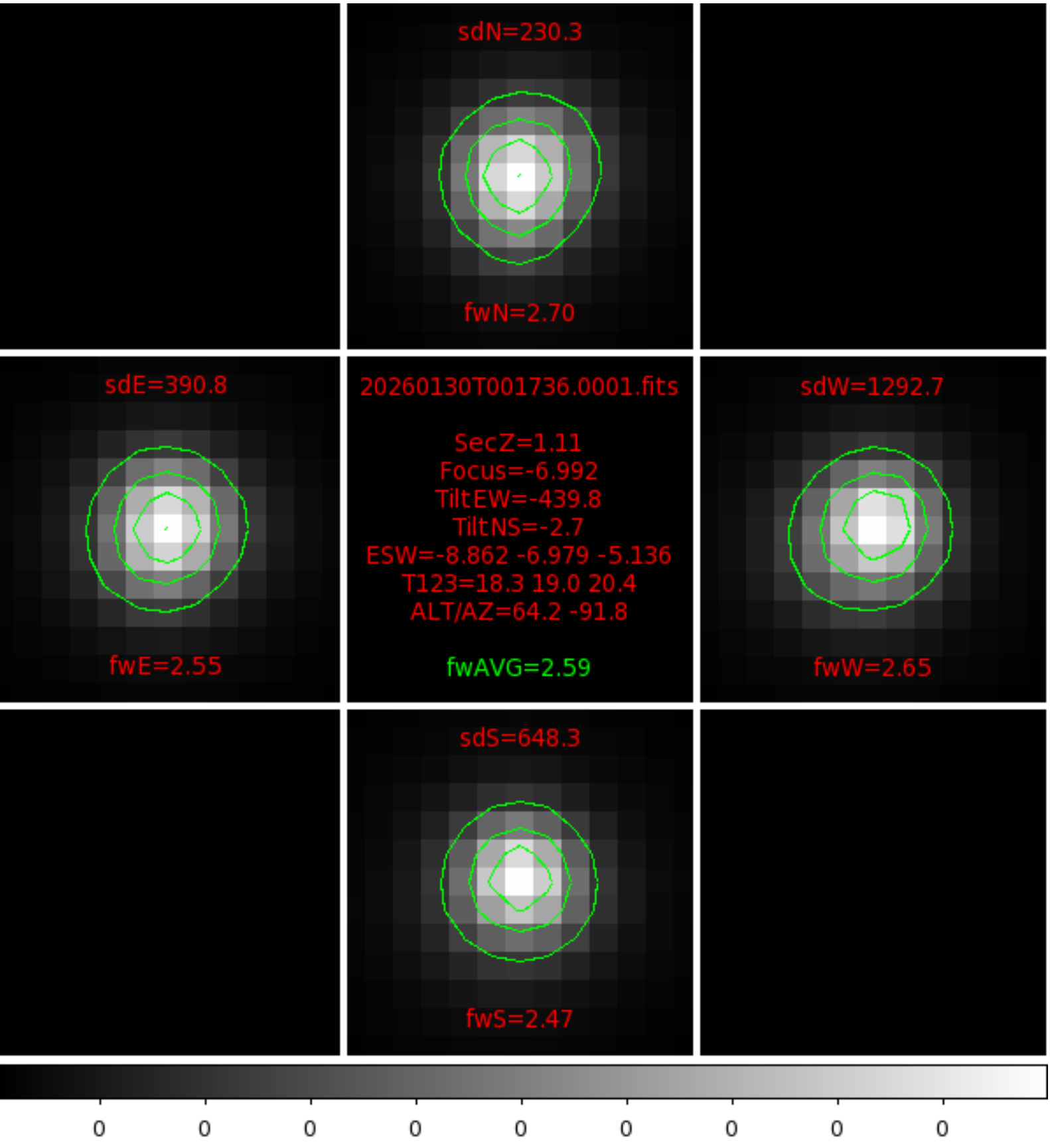

sdN=526.1
fwN=2.42
sdE=586.6
fwE=2.28
20260130T001706.0001.fits
SecZ=1.11
Focus=-6.992
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.862 -6.979 -5.136
T123=18.3 19.0 20.4
ALT/AZ=64.3 -91.9
sdS=342.2
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=230.3
fwN=2.70
sdE=390.8
fwE=2.55
20260130T001736.0001.fits
SecZ=1.11
Focus=-6.992
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.862 -6.979 -5.136
T123=18.3 19.0 20.4
ALT/AZ=64.2 -91.8
fwAVG=2.59
sdW=1292.7
fwW=2.65
sdS=648.3
fwS=2.47
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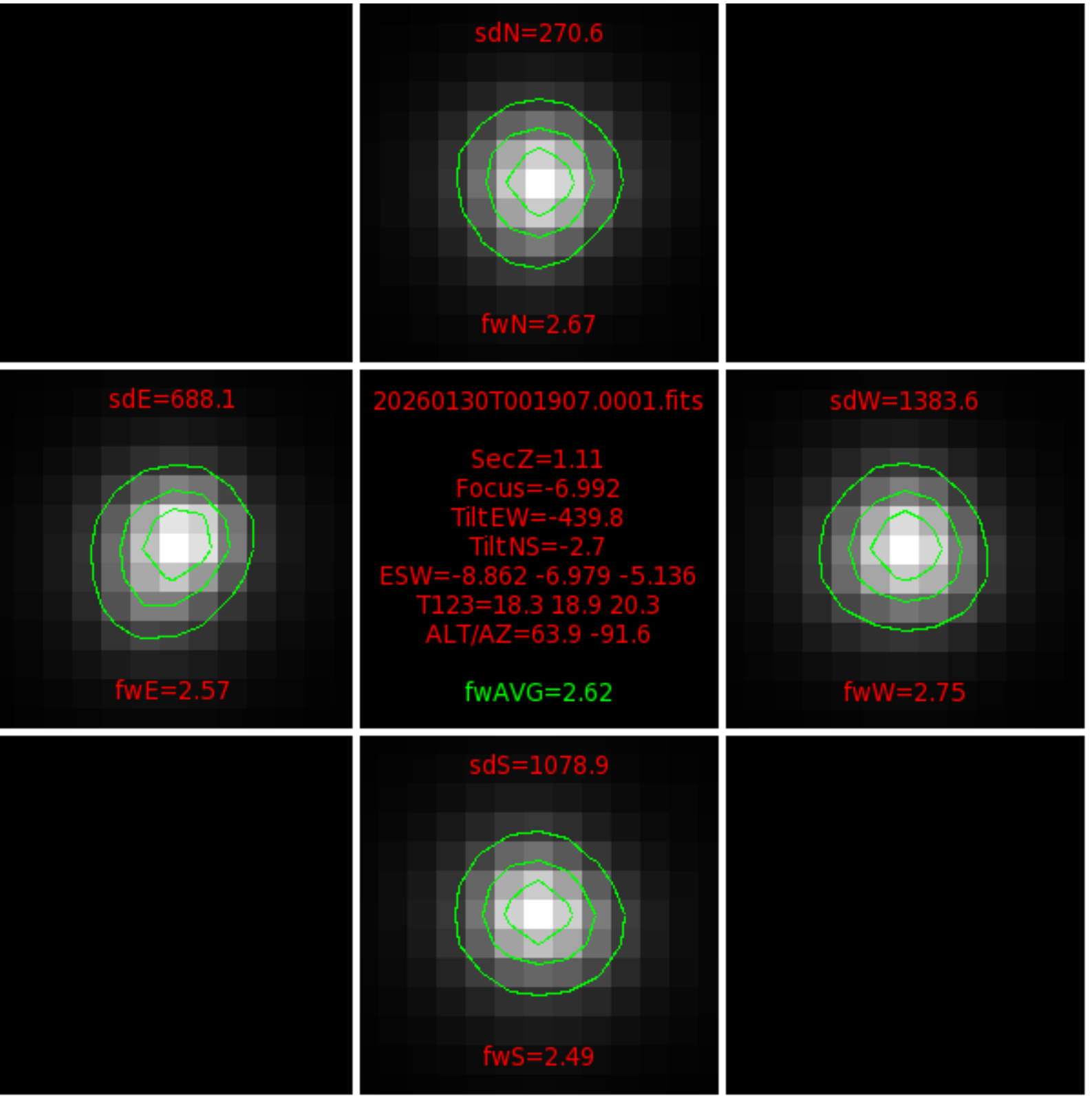
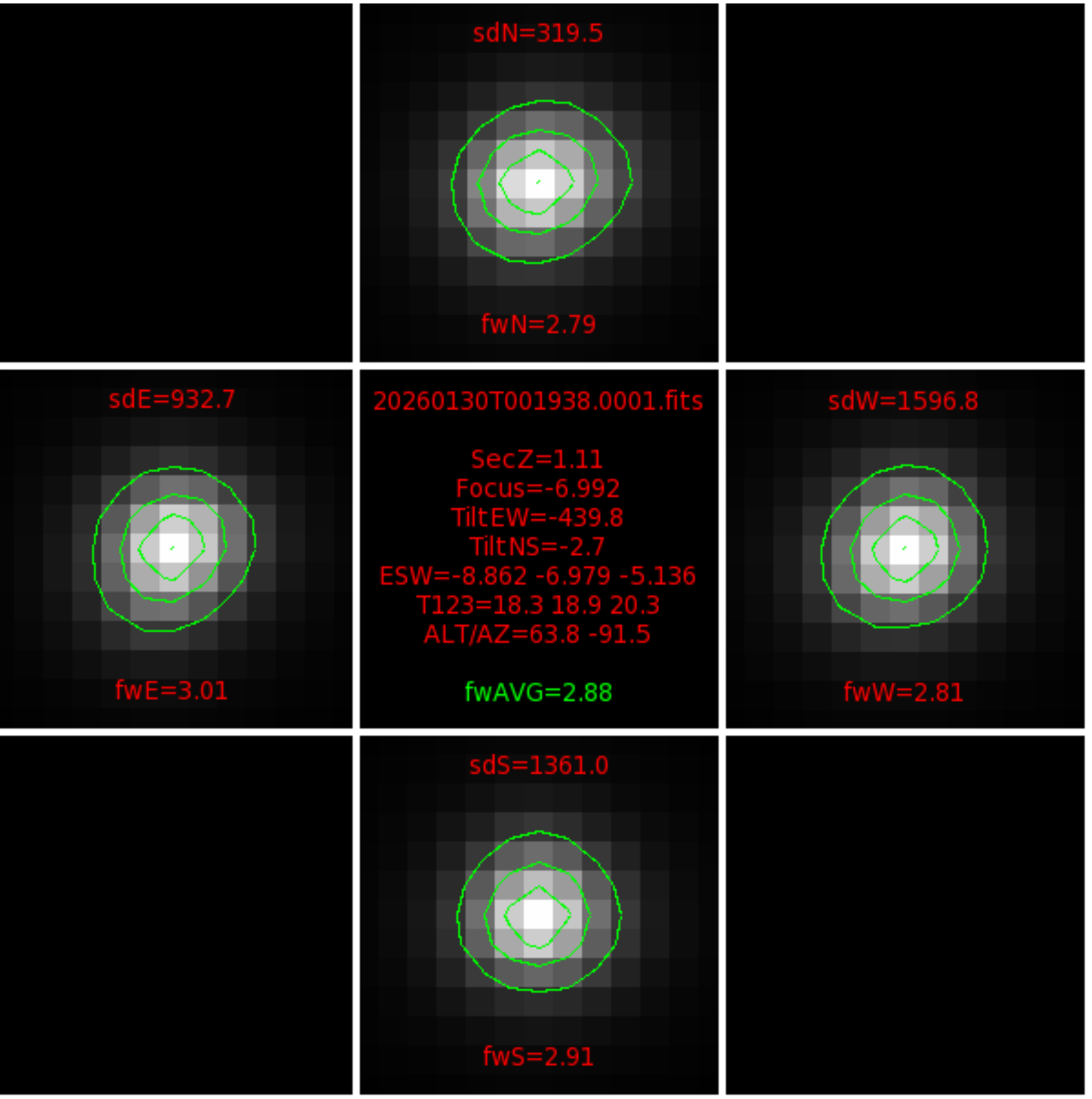

sdN=270.6
fwN=2.67
sdE=688.1
fwE=2.57
20260130T001907.0001.fits
SecZ=1.11
Focus=-6.992
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.862 -6.979 -5.136
T123=18.3 18.9 20.3
ALT/AZ=63.9 -91.6
fwAVG=2.62
sdW=1383.6
fwW=2.75
sdS=1078.9
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=319.5
fwN=2.79
sdE=932.7
fwE=3.01
20260130T001938.0001.fits
SecZ=1.11
Focus=-6.992
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.862 -6.979 -5.136
T123=18.3 18.9 20.3
ALT/AZ=63.8 -91.5
fwAVG=2.88
sdW=1596.8
fwW=2.81
sdS=1361.0
fwS=2.91
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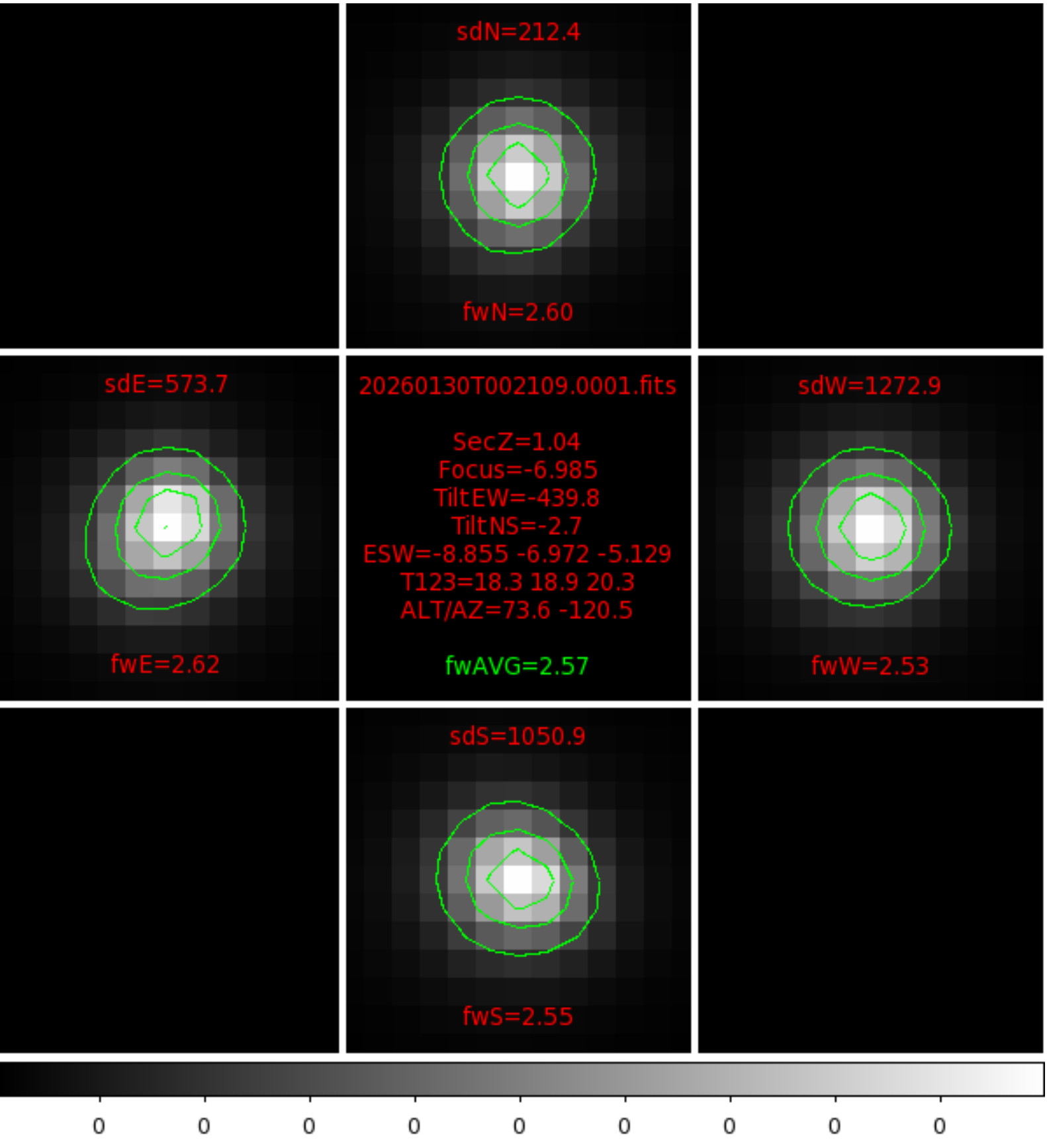
sdN=212.4
fwN=2.60
sdE=573.7
fwE=2.62
20260130T002109.0001.fits
SecZ=1.04
Focus=-6.985
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.855 -6.972 -5.129
T123=18.3 18.9 20.3
ALT/AZ=73.6 -120.5
fwAVG=2.57
sdW=1272.9
fwW=2.53
sdS=1050.9
fwS=2.55
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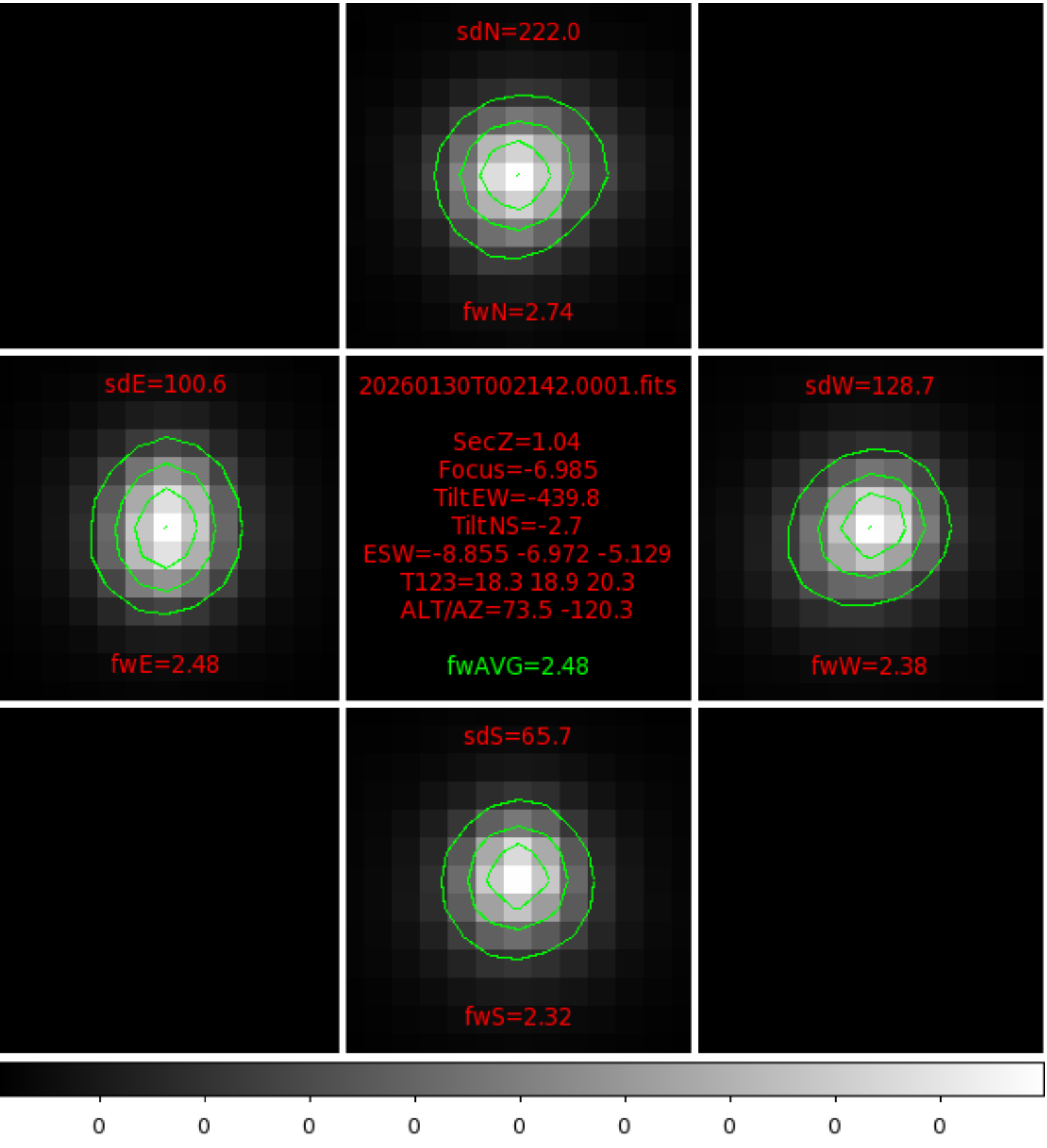
sdN=222.0
fwN=2.74
sdE=100.6
fwE=2.48
20260130T002142.0001.fits
SecZ=1.04
Focus=-6.985
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.855 -6.972 -5.129
T123=18.3 18.9 20.3
ALT/AZ=73.5 -120.3
fwAVG=2.48
sdW=128.7
fwW=2.38
sdS=65.7
fwS=2.32
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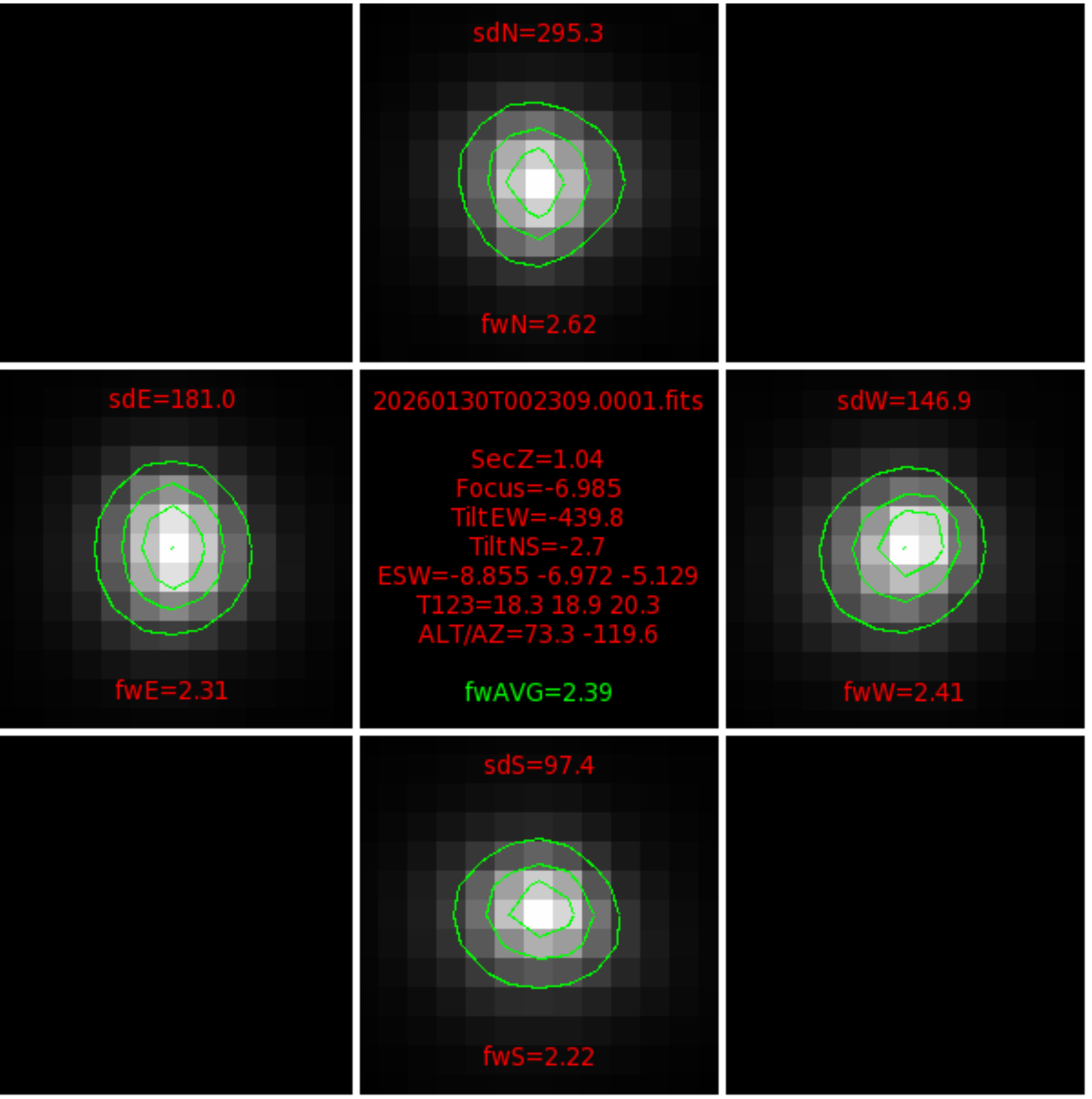
sdN=295.3
fwN=2.62
sdE=181.0
fwE=2.31
20260130T002309.0001.fits
SecZ=1.04
Focus=-6.985
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.855 -6.972 -5.129
T123=18.3 18.9 20.3
ALT/AZ=73.3 -119.6
fwAVG=2.39
sdW=146.9
fwW=2.41
sdS=97.4
fwS=2.22
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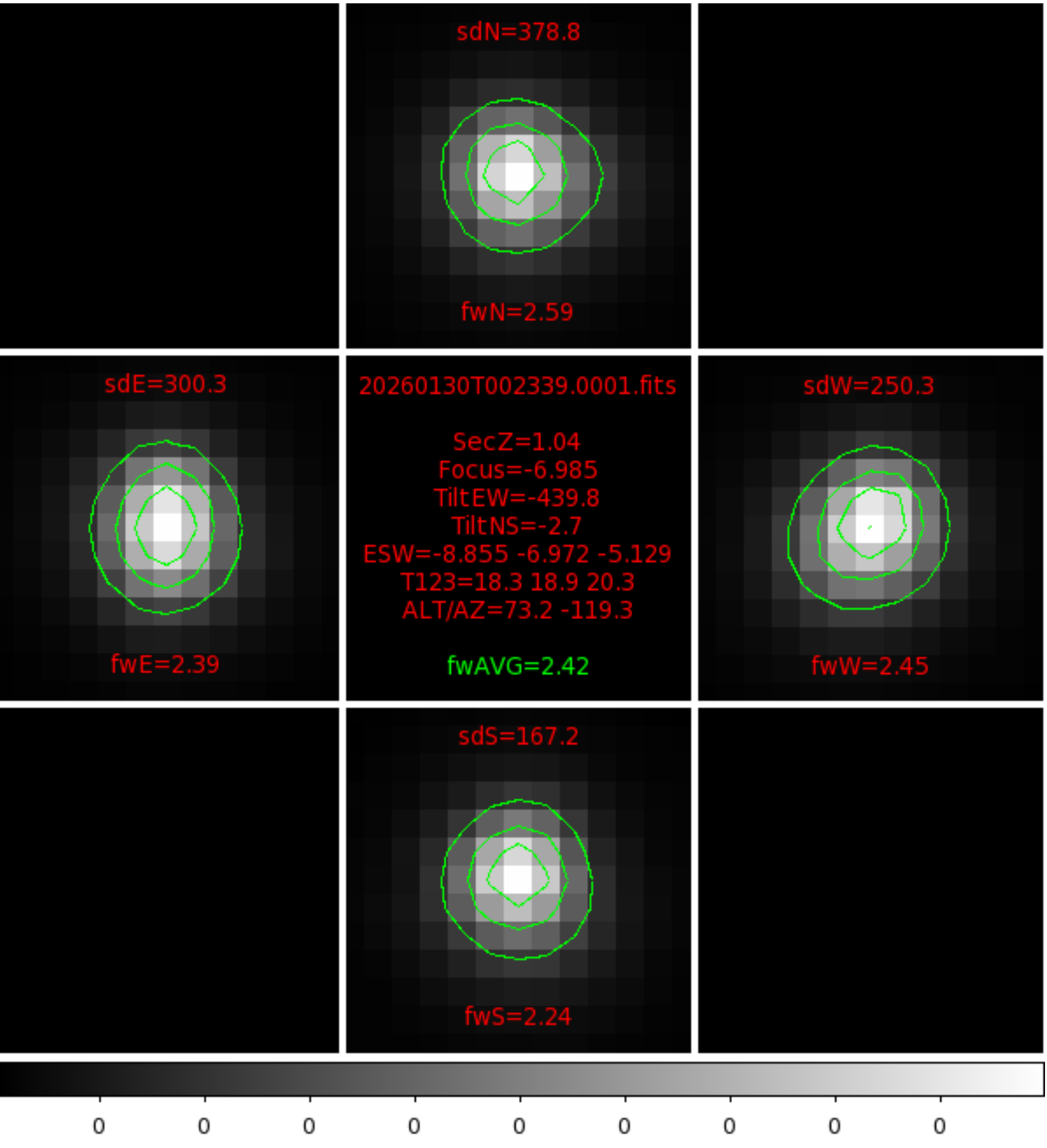
sdN=378.8
fwN=2.59
sdE=300.3
fwE=2.39
20260130T002339.0001.fits
SecZ=1.04
Focus=-6.985
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.855 -6.972 -5.129
T123=18.3 18.9 20.3
ALT/AZ=73.2 -119.3
fwAVG=2.42
sdW=250.3
fwW=2.45
sdS=167.2
fwS=2.24
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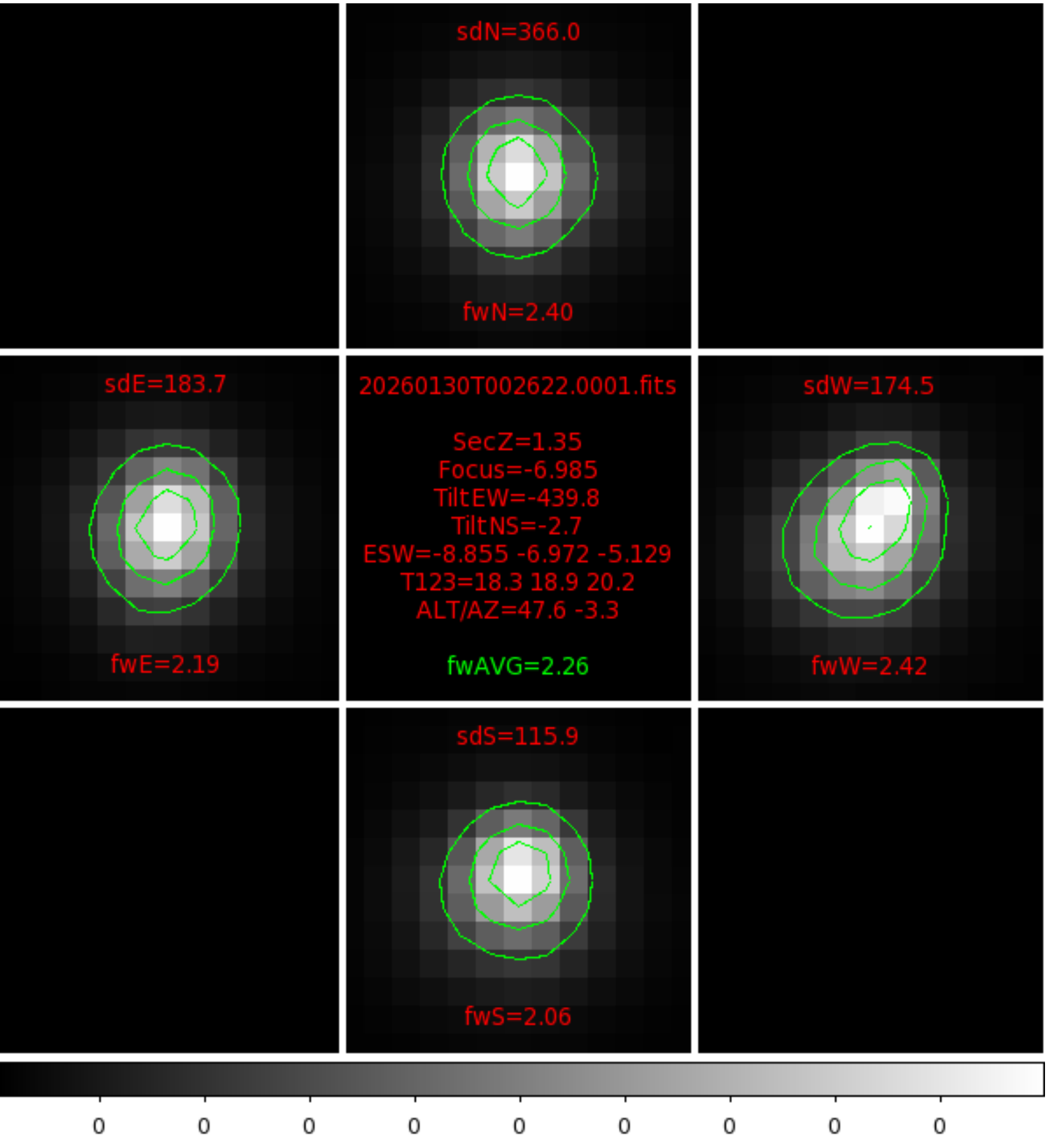
sdN=366.0
fwN=2.40
sdE=183.7
fwE=2.19
20260130T002622.0001.fits
SecZ=1.35
Focus=-6.985
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.855 -6.972 -5.129
T123=18.3 18.9 20.2
ALT/AZ=47.6 -3.3
fwAVG=2.26
sdW=174.5
fwW=2.42
sdS=115.9
fwS=2.06
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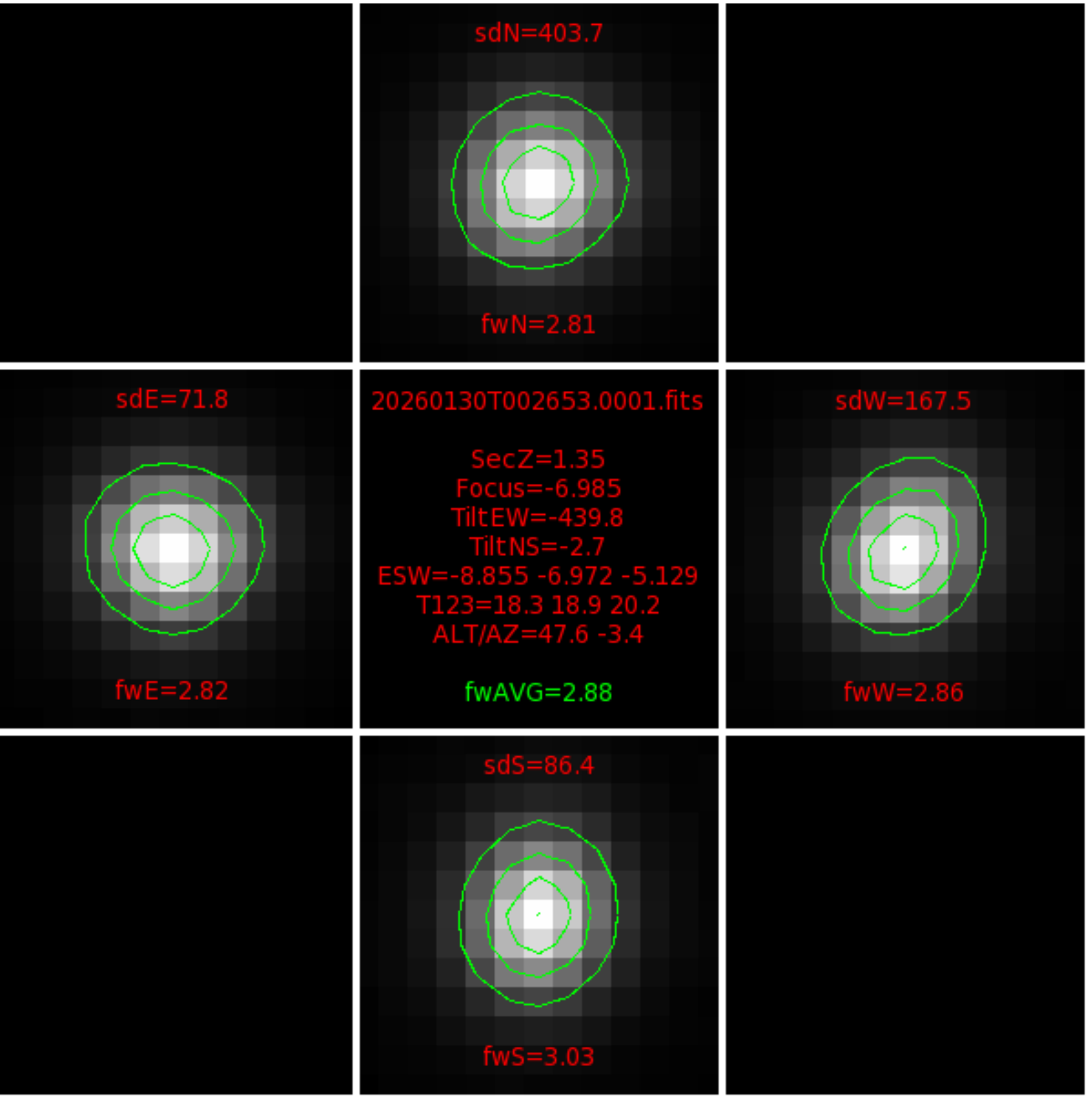
sdN=403.7
fwN=2.81
sdE=71.8
fwE=2.82
20260130T002653.0001.fits
SecZ=1.35
Focus=-6.985
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.855 -6.972 -5.129
T123=18.3 18.9 20.2
ALT/AZ=47.6 -3.4
fwAVG=2.88
sdW=167.5
fwW=2.86
sdS=86.4
fwS=3.03
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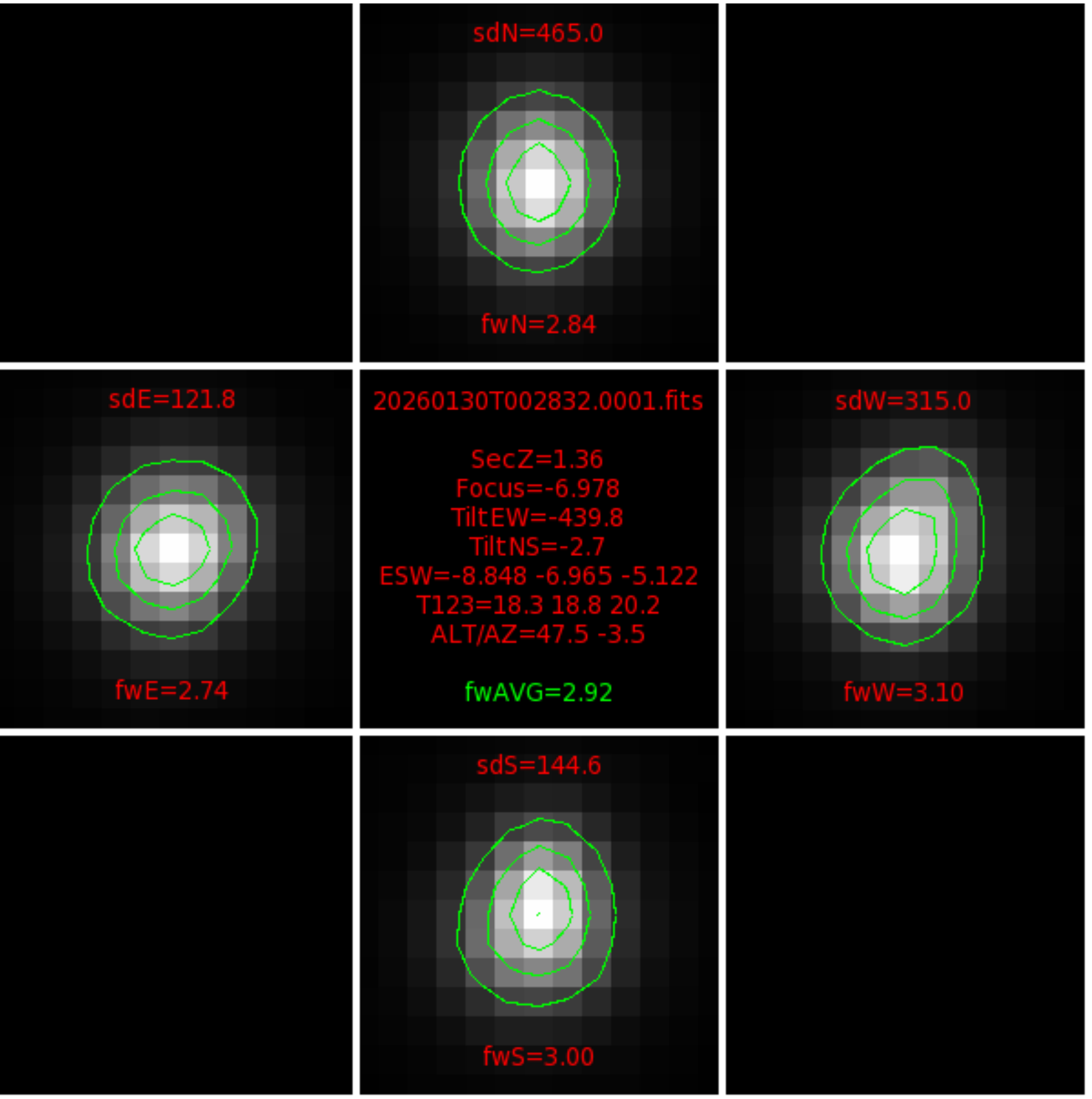
sdN=465.0
fwN=2.84
sdE=121.8
fwE=2.74
20260130T002832.0001.fits
SecZ=1.36
Focus=-6.978
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.848 -6.965 -5.122
T123=18.3 18.8 20.2
ALT/AZ=47.5 -3.5
fwAVG=2.92
sdW=315.0
fwW=3.10
sdS=144.6
fwS=3.00
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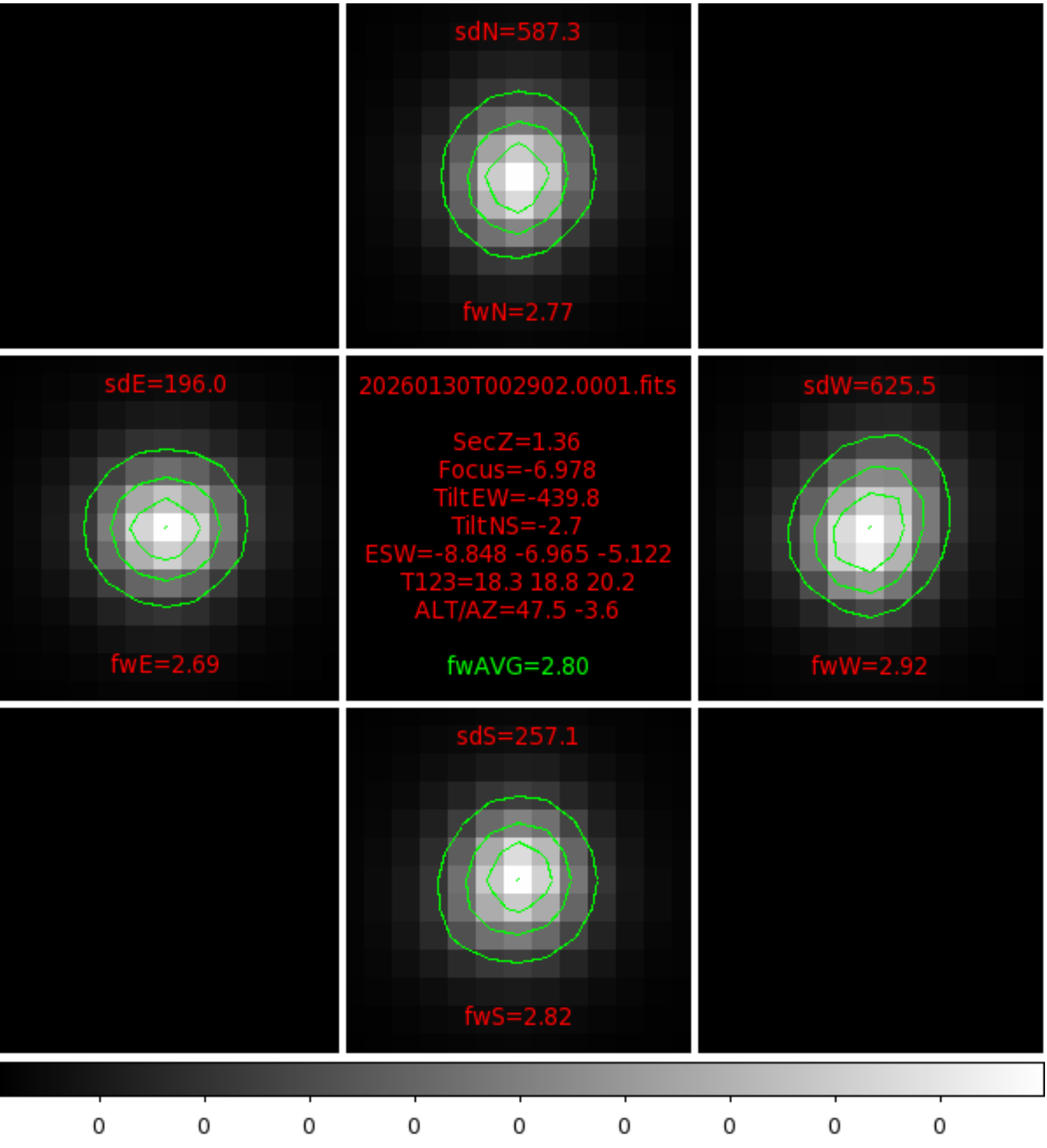
sdN=587.3
fwN=2.77
sdE=196.0
fwE=2.69
20260130T002902.0001.fits
SecZ=1.36
Focus=-6.978
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.848 -6.965 -5.122
T123=18.3 18.8 20.2
ALT/AZ=47.5 -3.6
fwAVG=2.80
sdW=625.5
fwW=2.92
sdS=257.1
fwS=2.82
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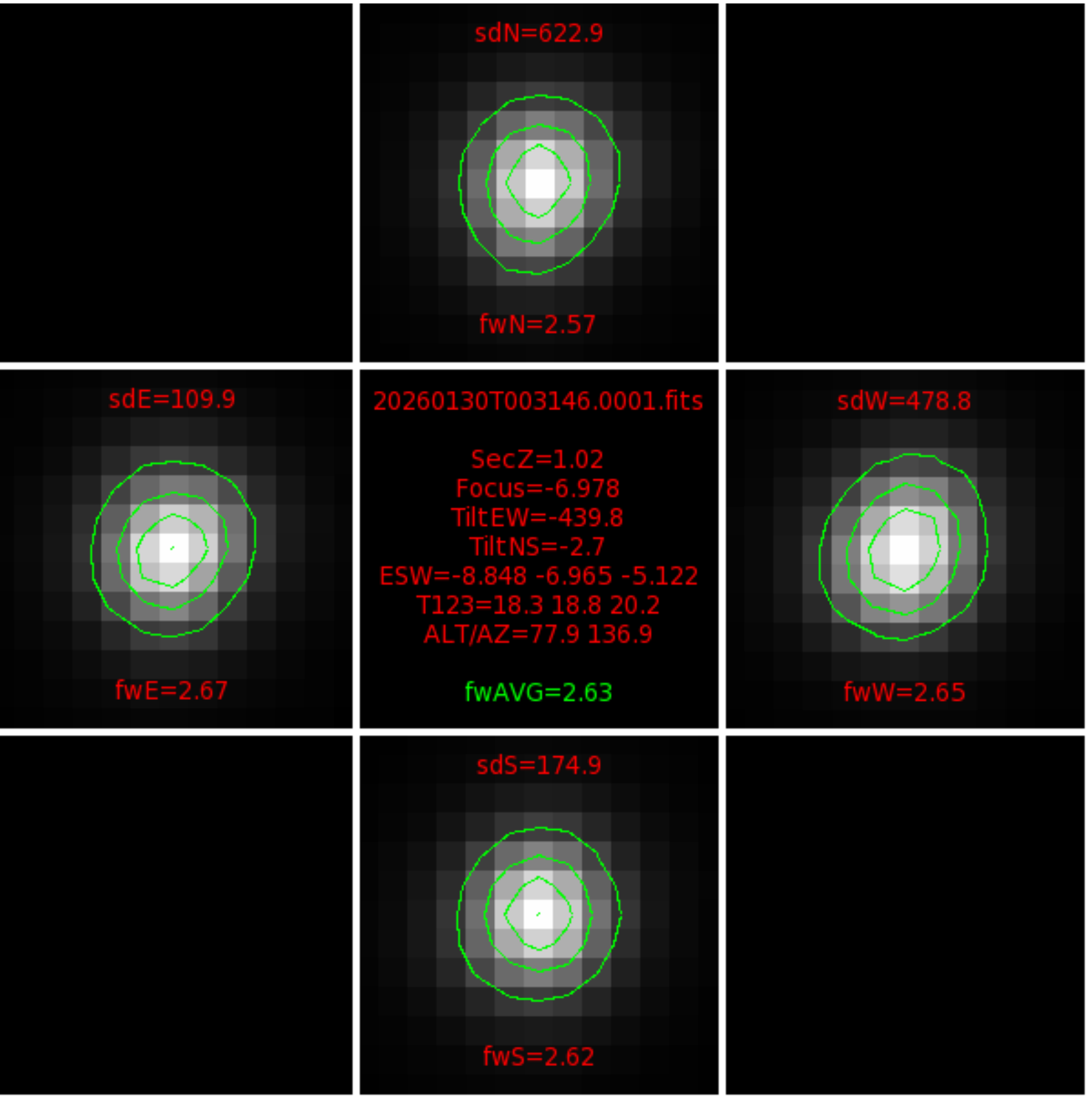
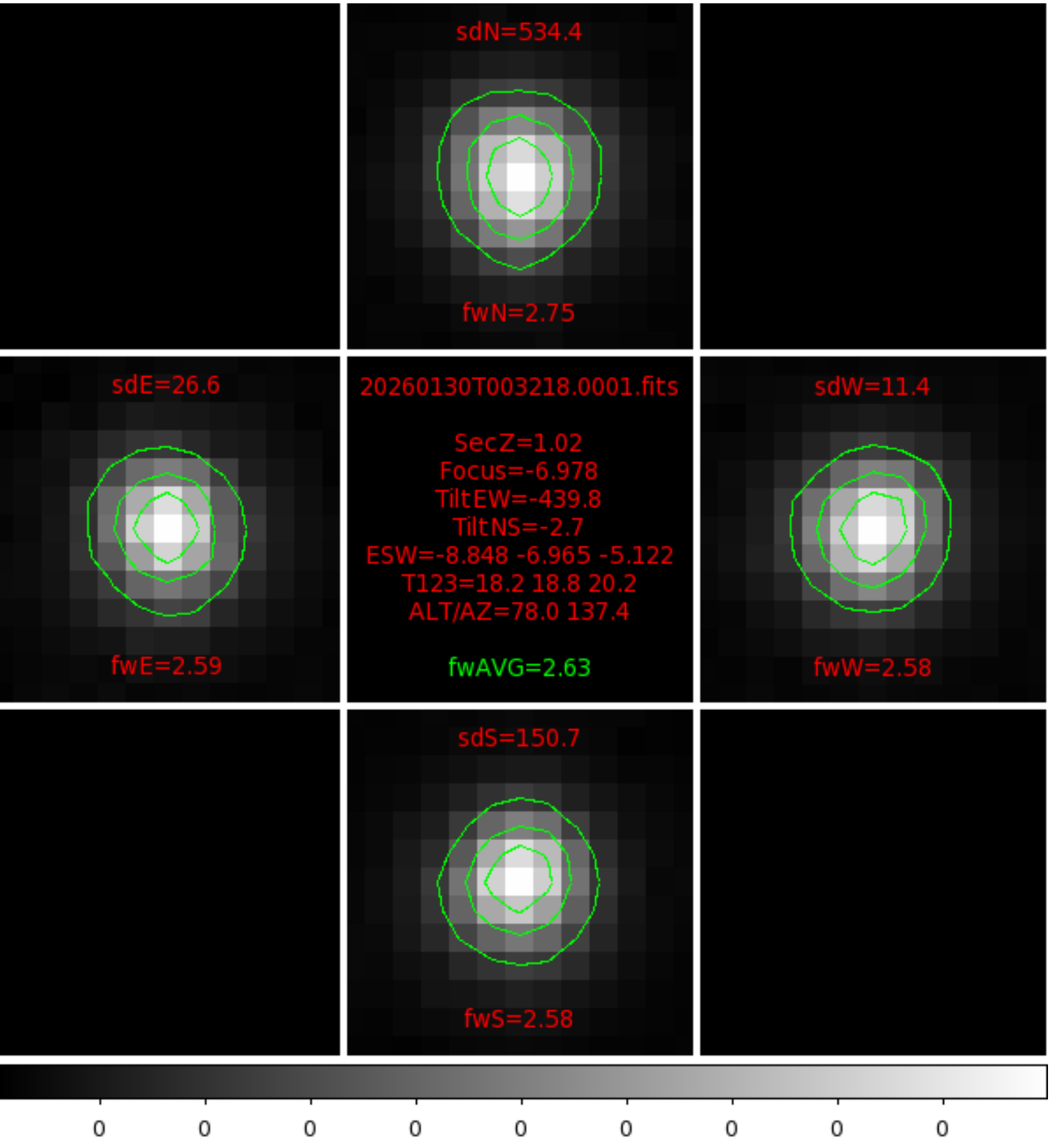

sdN=622.9
fwN=2.57
sdE=109.9
fwE=2.67
20260130T003146.0001.fits
SecZ=1.02
Focus=-6.978
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.848 -6.965 -5.122
T123=18.3 18.8 20.2
ALT/AZ=77.9 136.9
fwAVG=2.63
sdW=478.8
fwW=2.65
sdS=174.9
fwS=2.62
0 0 0 0 0 0 0 0 0


sdN=534.4
fwN=2.75
sdE=26.6
fwE=2.59
20260130T003218.0001.fits
SecZ=1.02
Focus=-6.978
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.848 -6.965 -5.122
T123=18.2 18.8 20.2
ALT/AZ=78.0 137.4
fwAVG=2.63
sdW=11.4
fwW=2.58
sdS=150.7
fwS=2.58
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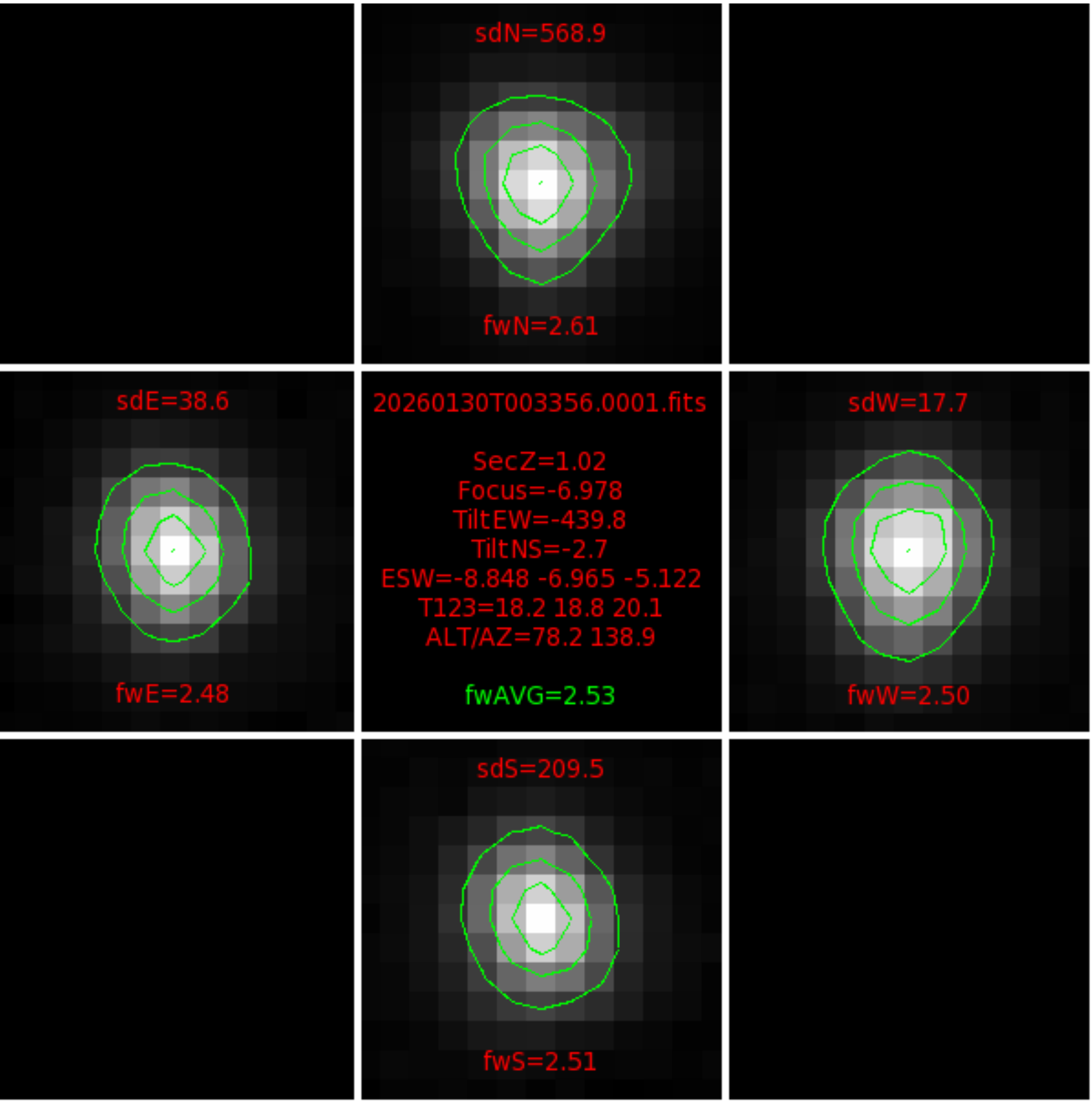
sdN=568.9
fwN=2.61
sdE=38.6
fwE=2.48
20260130T003356.0001.fits
SecZ=1.02
Focus=-6.978
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.848 -6.965 -5.122
T123=18.2 18.8 20.1
ALT/AZ=78.2 138.9
fwAVG=2.53
sdW=17.7
fwW=2.50
sdS=209.5
fwS=2.51
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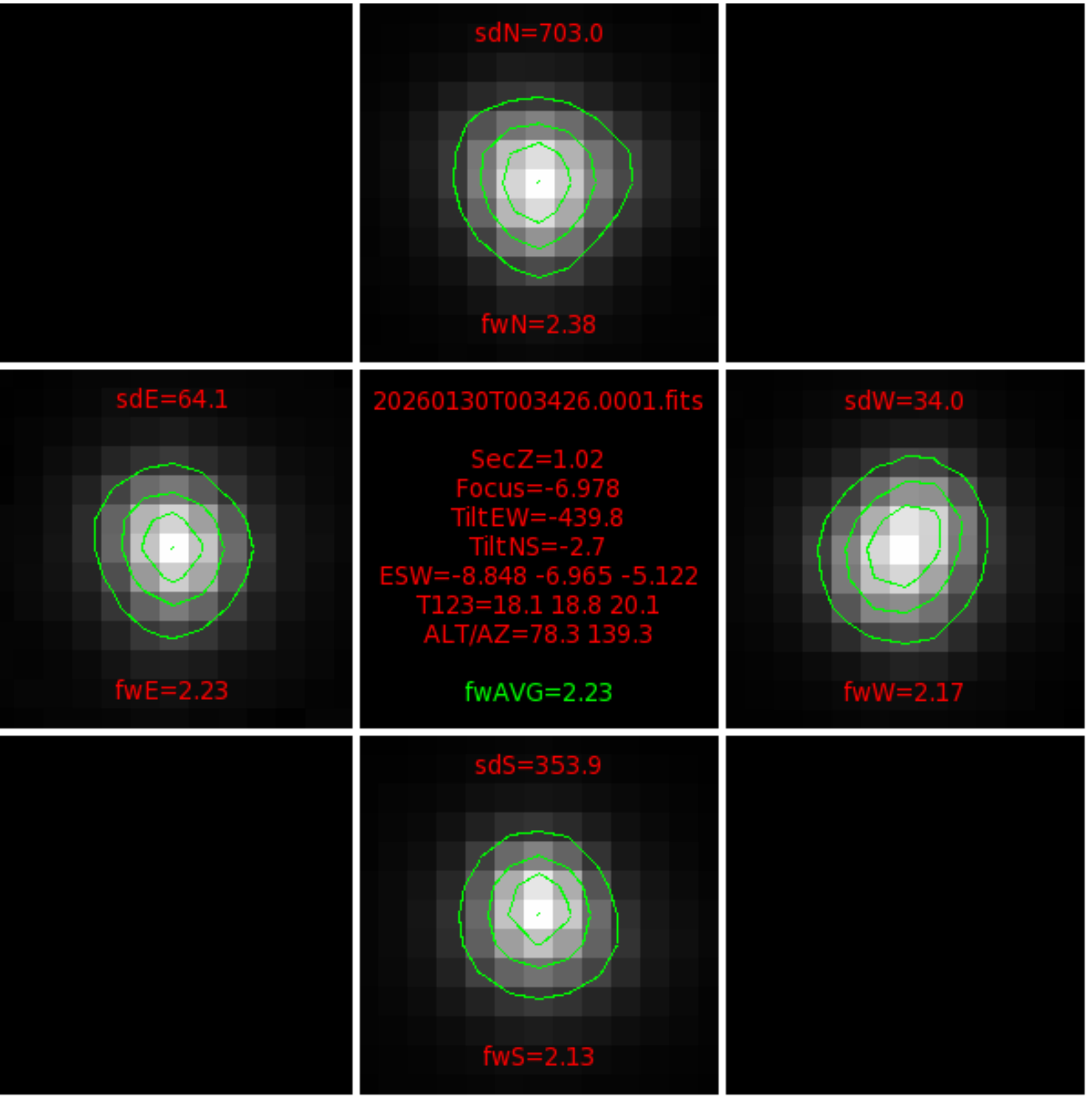
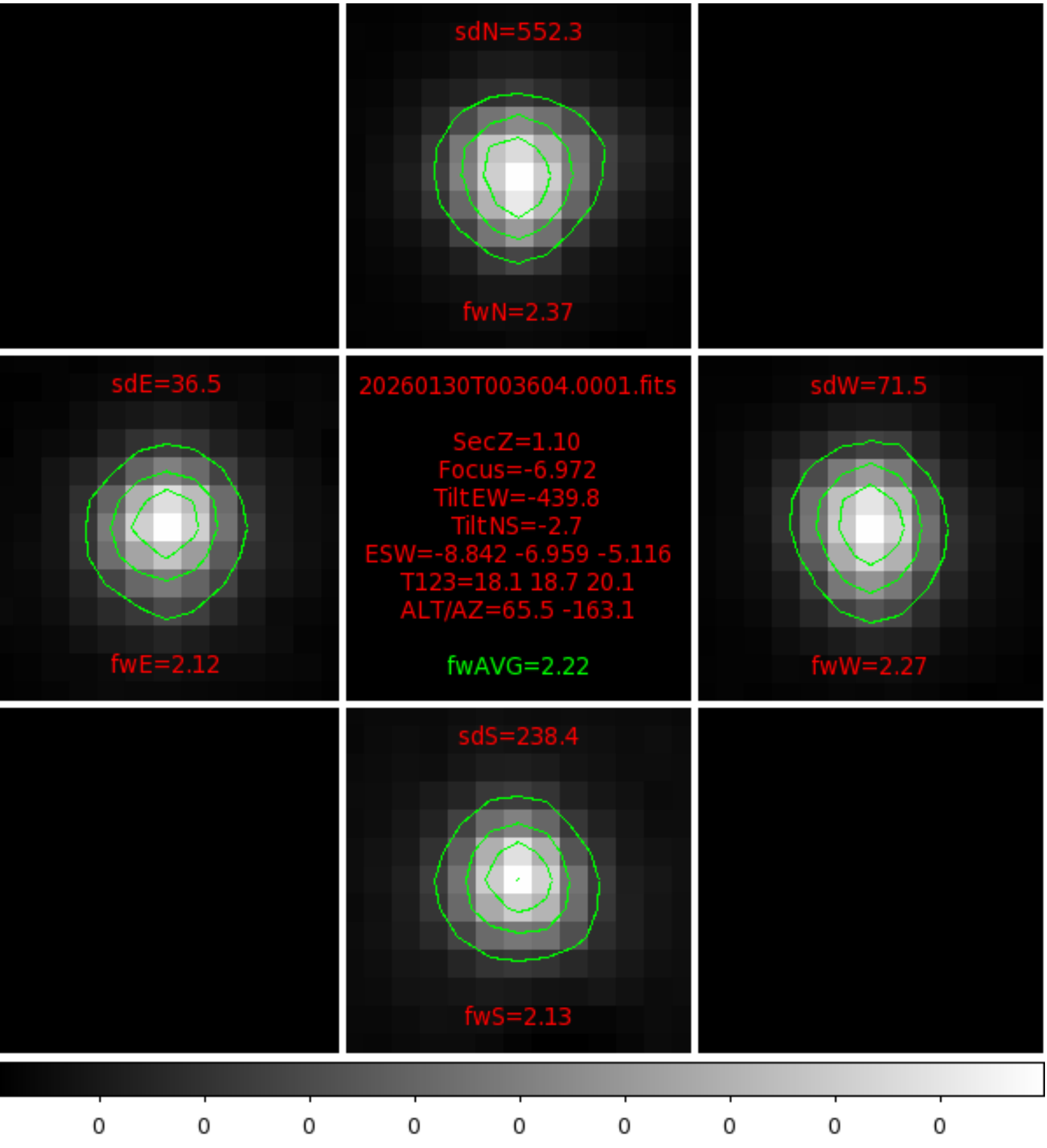
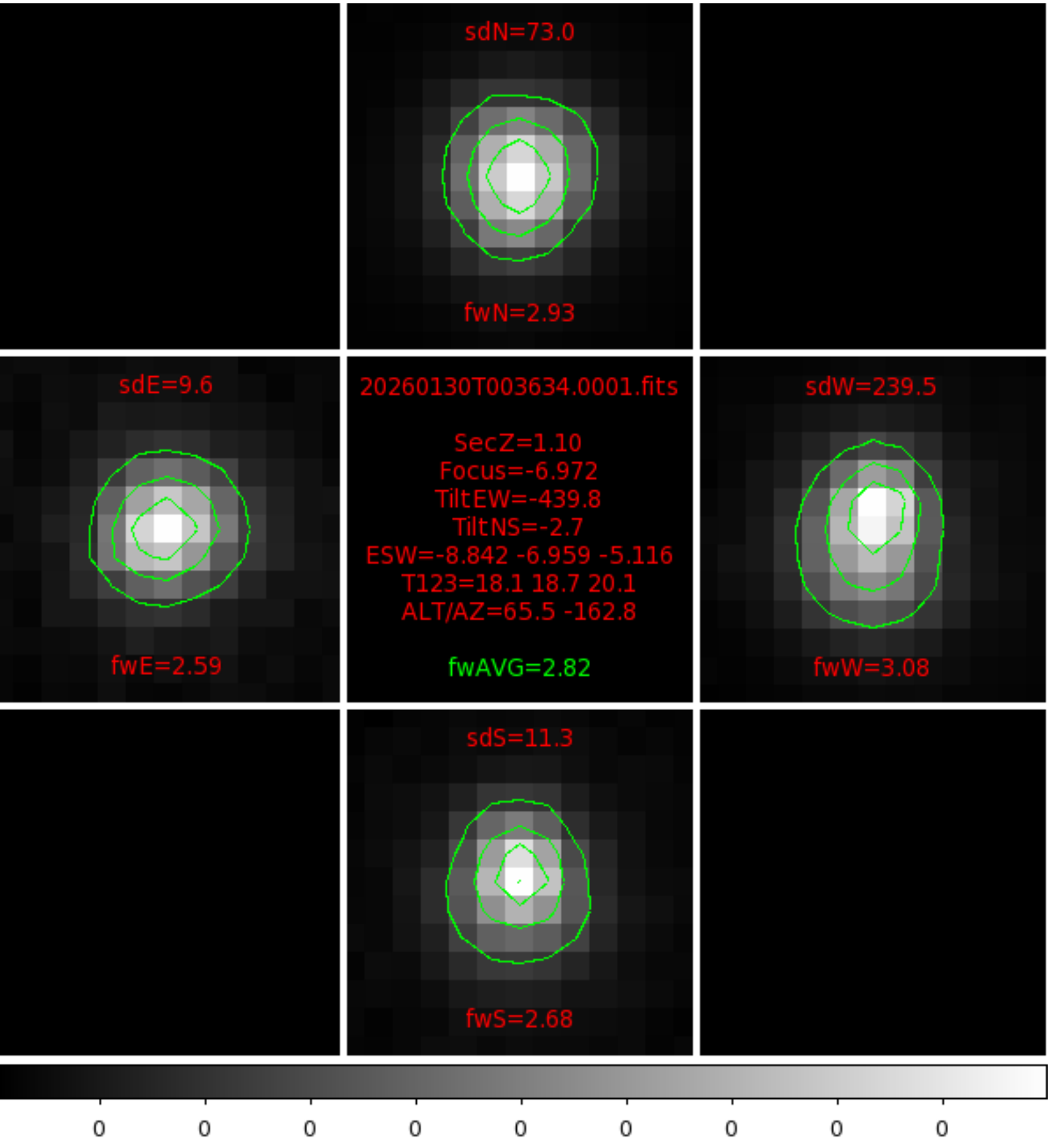
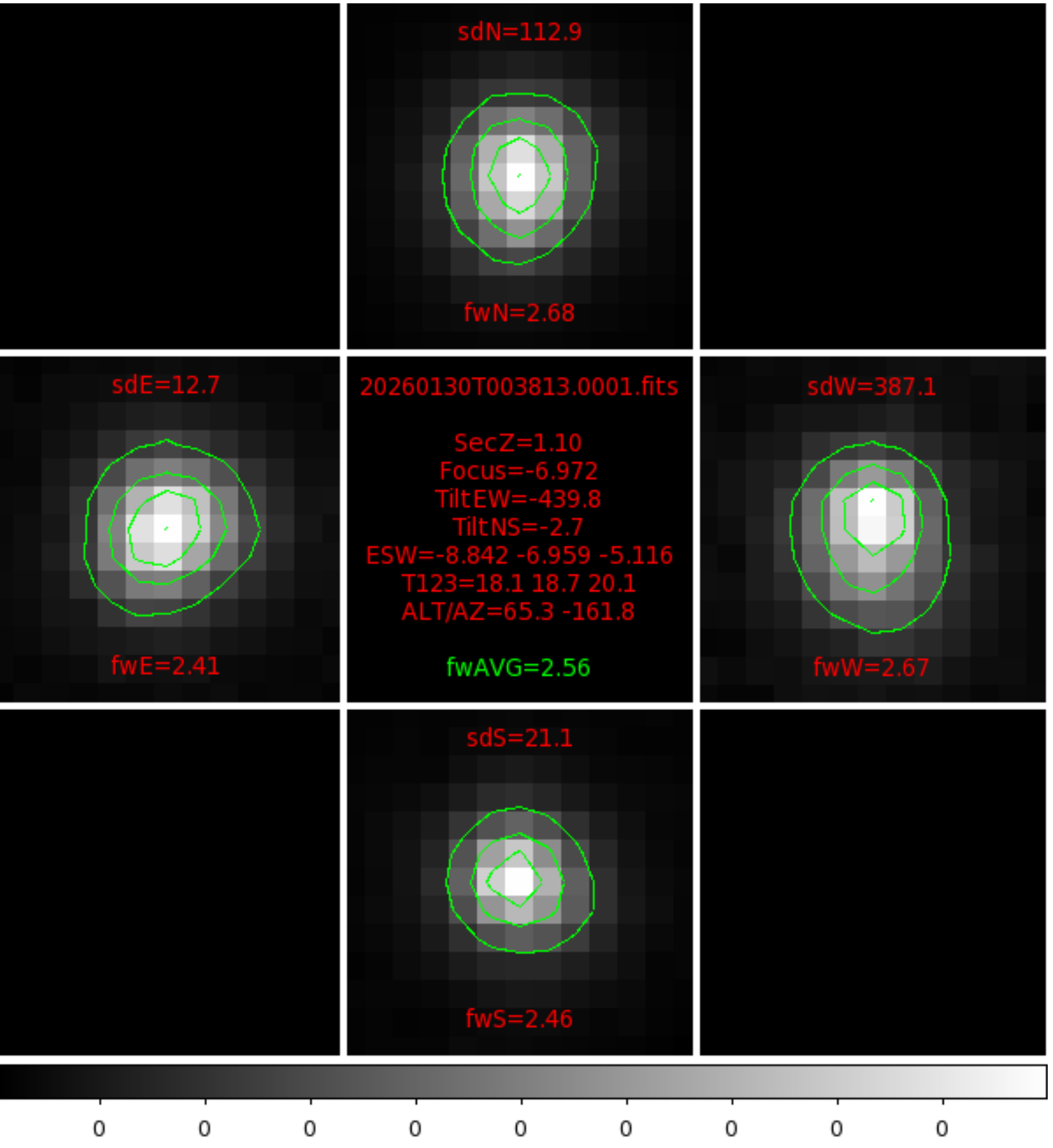

sdN=703.0
fwN=2.38
sdE=64.1
fwE=2.23
20260130T003426.0001.fits
SecZ=1.02
Focus=-6.978
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.848 -6.965 -5.122
T123=18.1 18.8 20.1
ALT/AZ=78.3 139.3
fwAVG=2.23
sdW=34.0
fwW=2.17
sdS=353.9
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=552.3
fwN=2.37
sdE=36.5
fwE=2.12
20260130T003604.0001.fits
SecZ=1.10
Focus=-6.972
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.842 -6.959 -5.116
T123=18.1 18.7 20.1
ALT/AZ=65.5 -163.1
fwAVG=2.22
sdW=71.5
fwW=2.27
sdS=238.4
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=73.0
fwN=2.93
sdE=9.6
fwE=2.59
20260130T003634.0001.fits
SecZ=1.10
Focus=-6.972
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.842 -6.959 -5.116
T123=18.1 18.7 20.1
ALT/AZ=65.5 -162.8
fwAVG=2.82
sdW=239.5
fwW=3.08
sdS=11.3
fwS=2.68
0 0 0 0 0 0 0 0 0


sdN=112.9
fwN=2.68
sdE=12.7
fwE=2.41
20260130T003813.0001.fits
SecZ=1.10
Focus=-6.972
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.842 -6.959 -5.116
T123=18.1 18.7 20.1
ALT/AZ=65.3 -161.8
fwAVG=2.56
sdW=387.1
fwW=2.67
sdS=21.1
fwS=2.46
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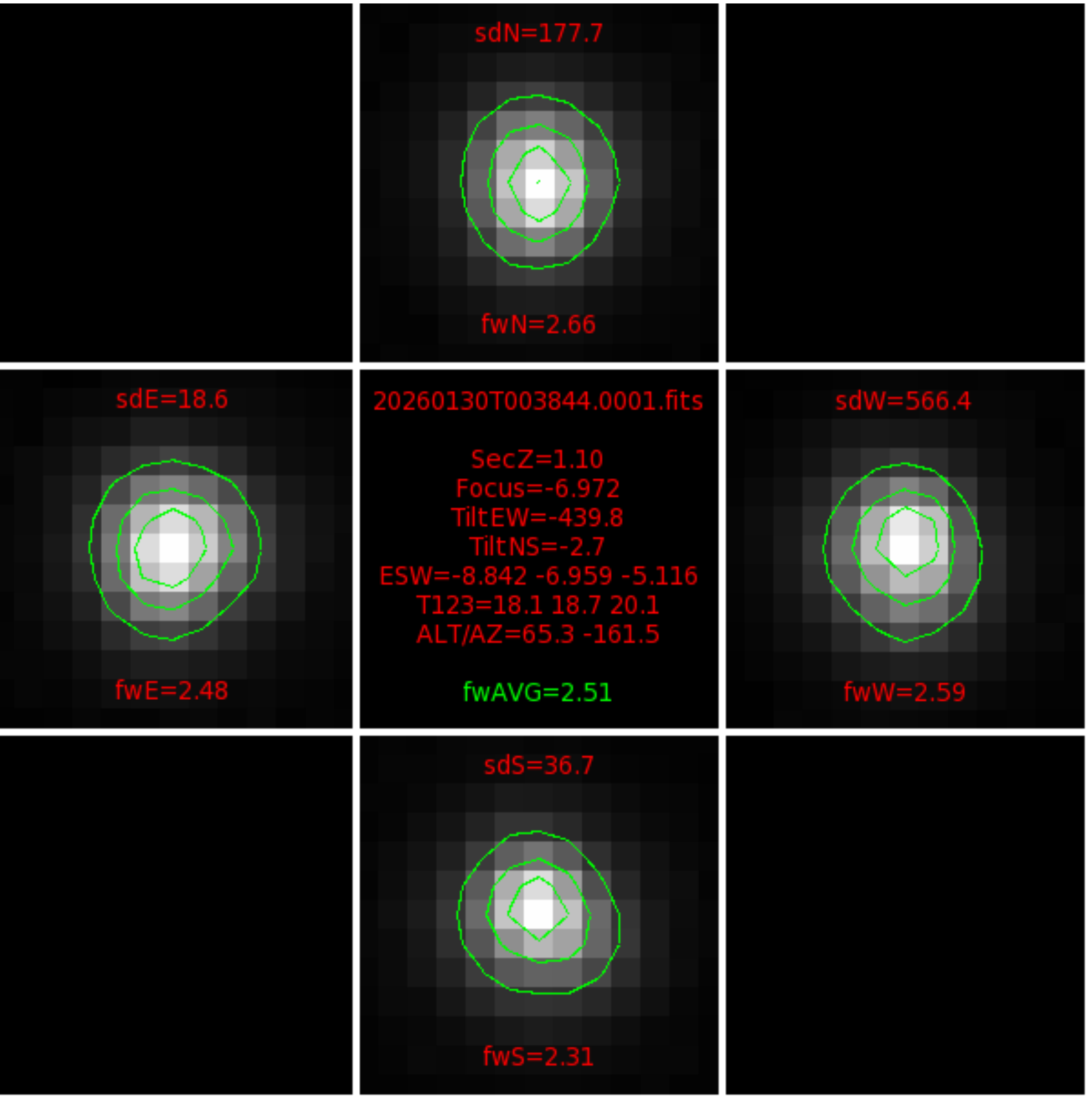
sdN=177.7
fwN=2.66
sdE=18.6
fwE=2.48
20260130T003844.0001.fits
SecZ=1.10
Focus=-6.972
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.842 -6.959 -5.116
T123=18.1 18.7 20.1
ALT/AZ=65.3 -161.5
fwAVG=2.51
sdW=566.4
fwW=2.59
sdS=36.7
fwS=2.31
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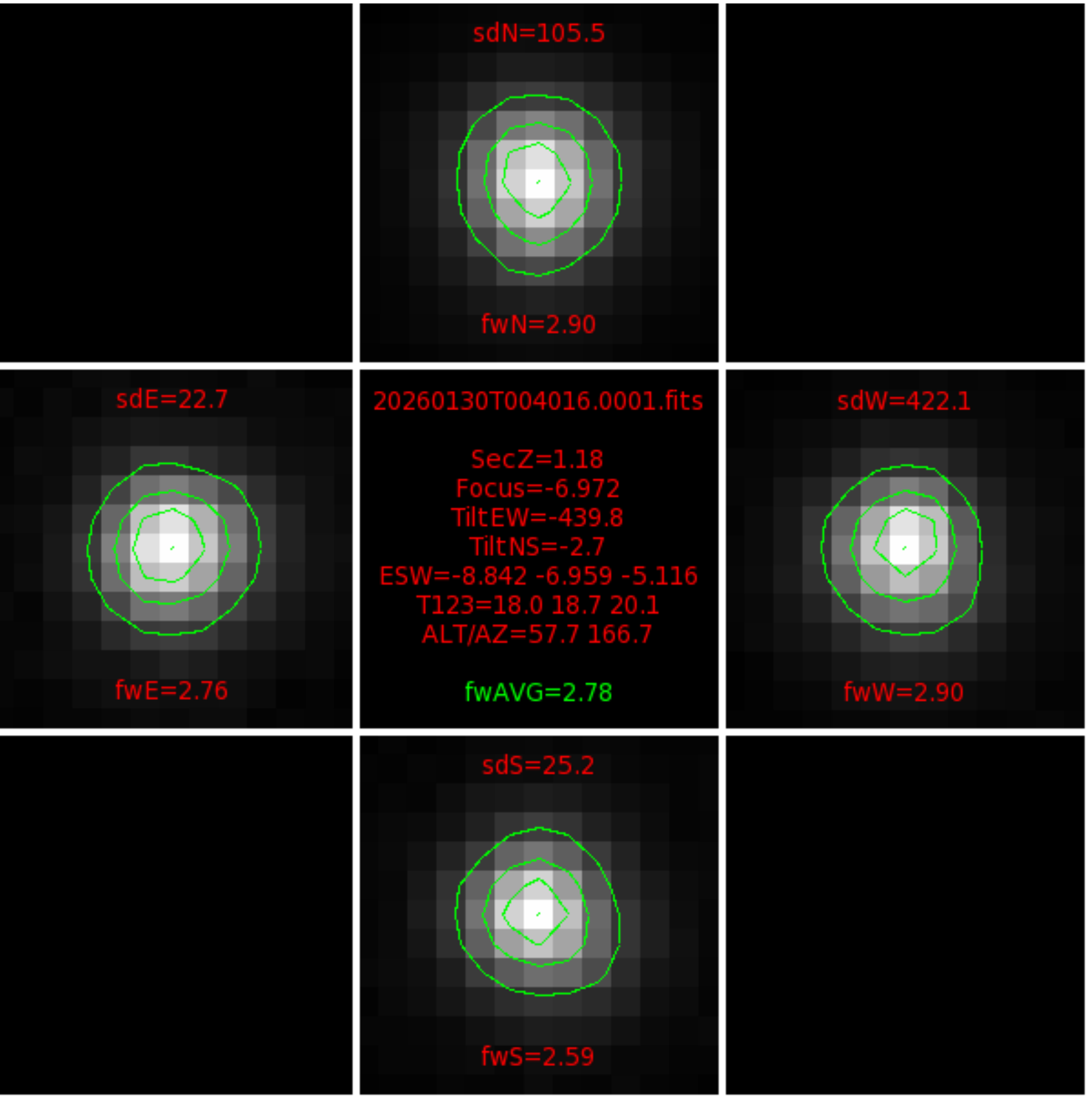
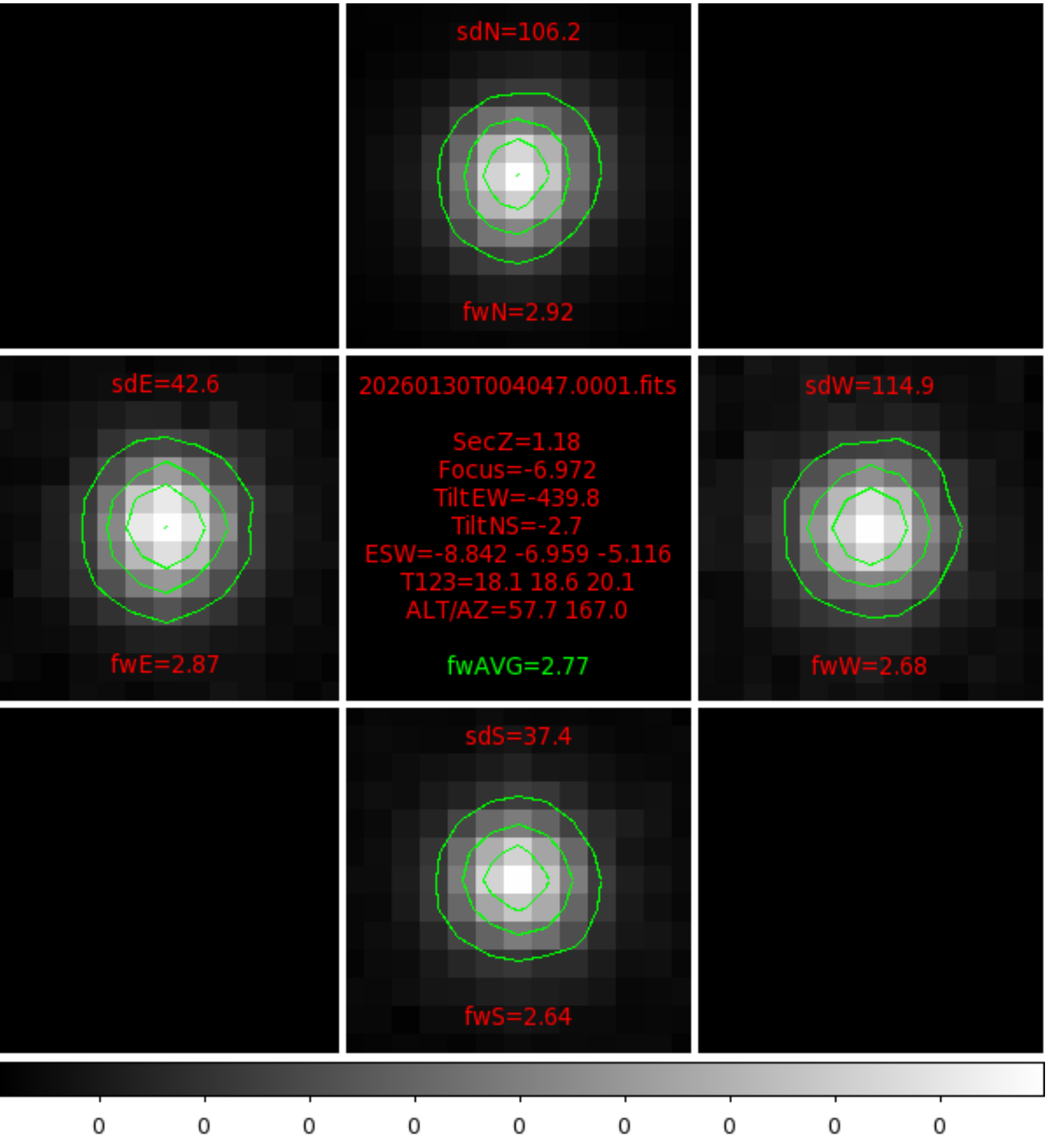

sdN=105.5
fwN=2.90
sdE=22.7
fwE=2.76
20260130T004016.0001.fits
SecZ=1.18
Focus=-6.972
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.842 -6.959 -5.116
T123=18.0 18.7 20.1
ALT/AZ=57.7 166.7
fwAVG=2.78
sdW=422.1
fwW=2.90
sdS=25.2
fwS=2.59
0 0 0 0 0 0 0 0 0


sdN=106.2
fwN=2.92
sdE=42.6
fwE=2.87
20260130T004047.0001.fits
SecZ=1.18
Focus=-6.972
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.842 -6.959 -5.116
T123=18.1 18.6 20.1
ALT/AZ=57.7 167.0
fwAVG=2.77
sdW=114.9
fwW=2.68
sdS=37.4
fwS=2.64
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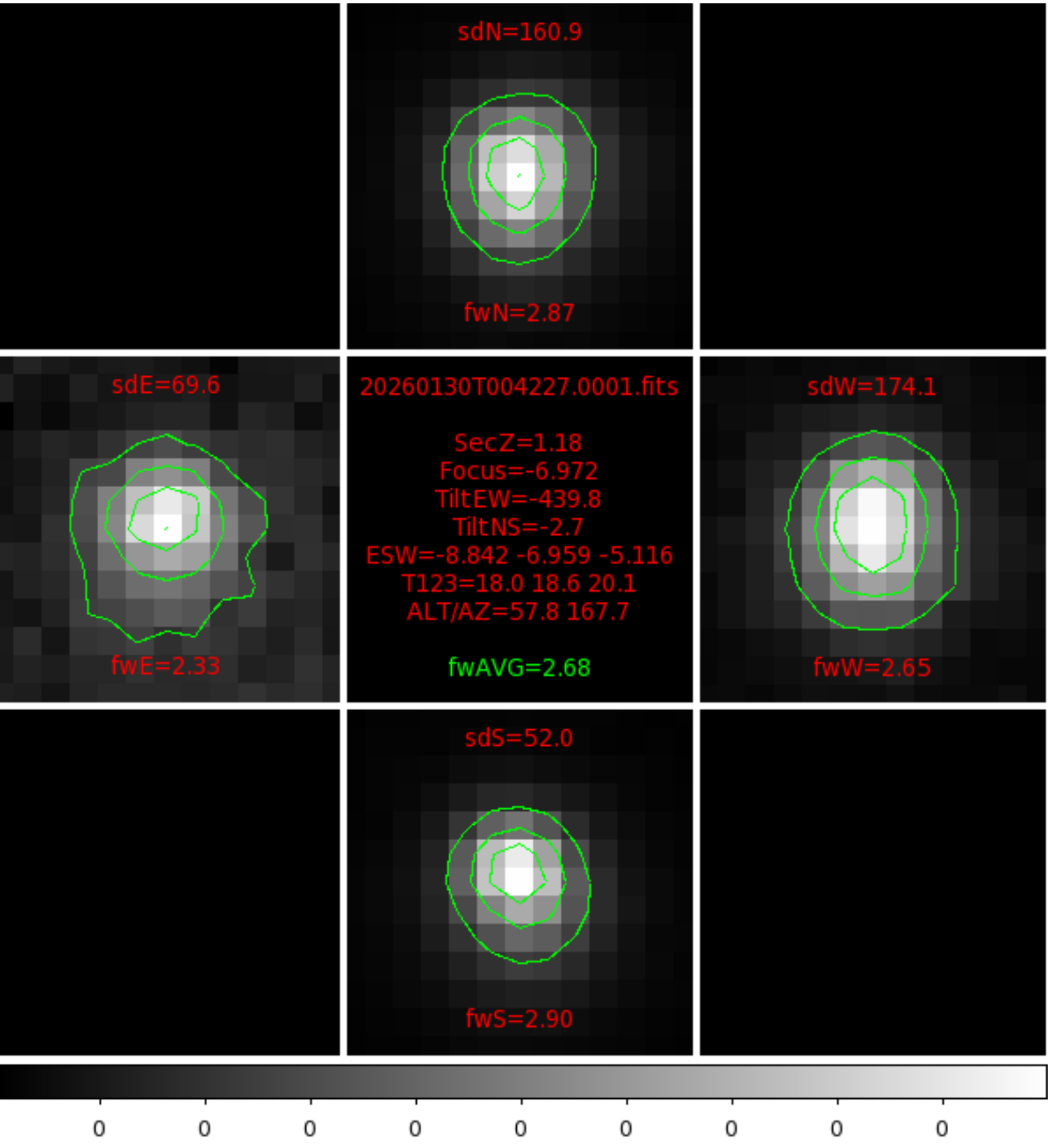
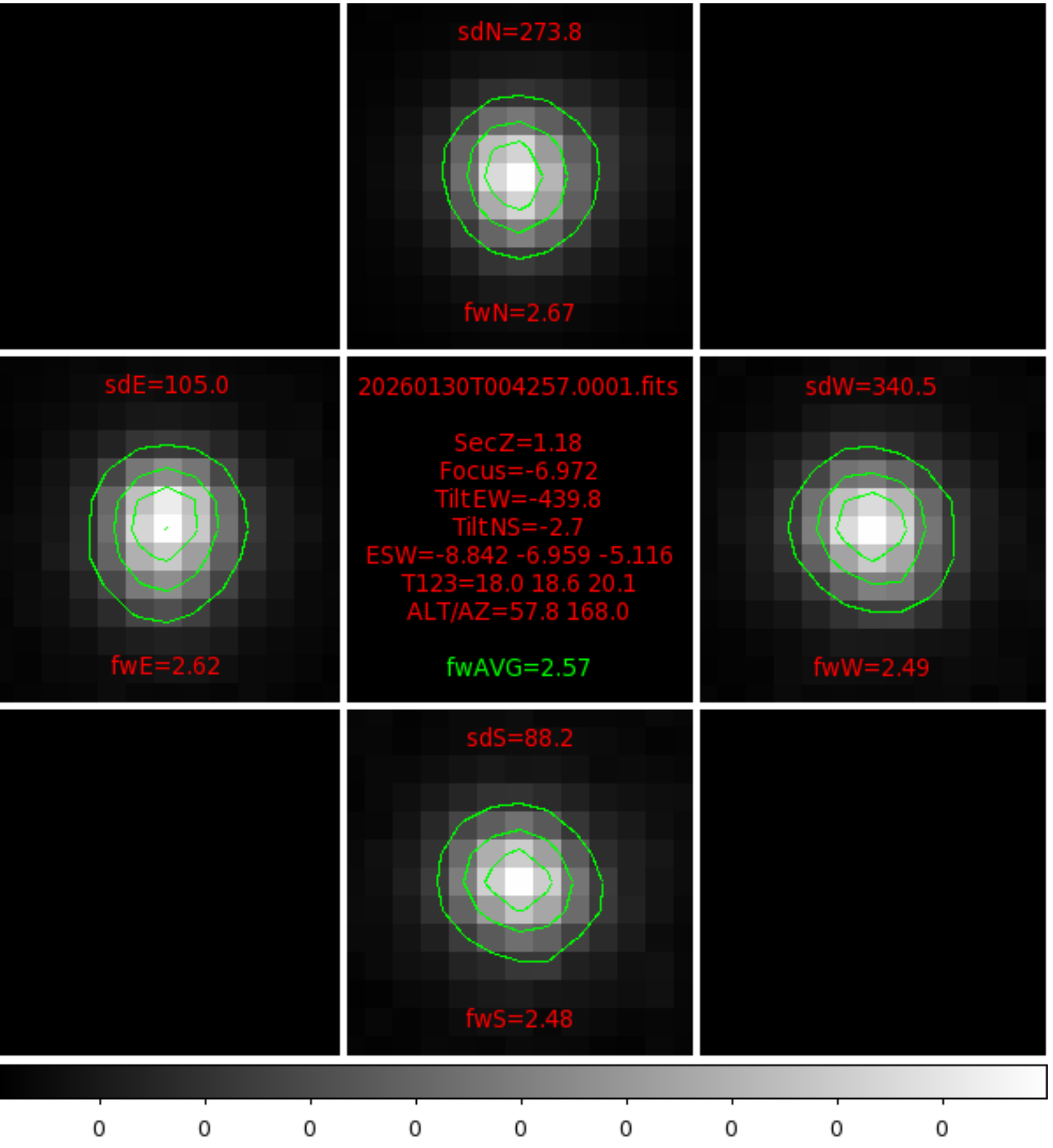

sdN=160.9
fwN=2.87
sdE=69.6
fwE=2.33
20260130T004227.0001.fits
SecZ=1.18
Focus=-6.972
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.842 -6.959 -5.116
T123=18.0 18.6 20.1
ALT/AZ=57.8 167.7
fwAVG=2.68
sdW=174.1
fwW=2.65
sdS=52.0
fwS=2.90
0 0 0 0 0 0 0 0 0


sdN=273.8
fwN=2.67
sdE=105.0
fwE=2.62
20260130T004257.0001.fits
SecZ=1.18
Focus=-6.972
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.842 -6.959 -5.116
T123=18.0 18.6 20.1
ALT/AZ=57.8 168.0
fwAVG=2.57
sdW=340.5
fwW=2.49
sdS=88.2
fwS=2.48
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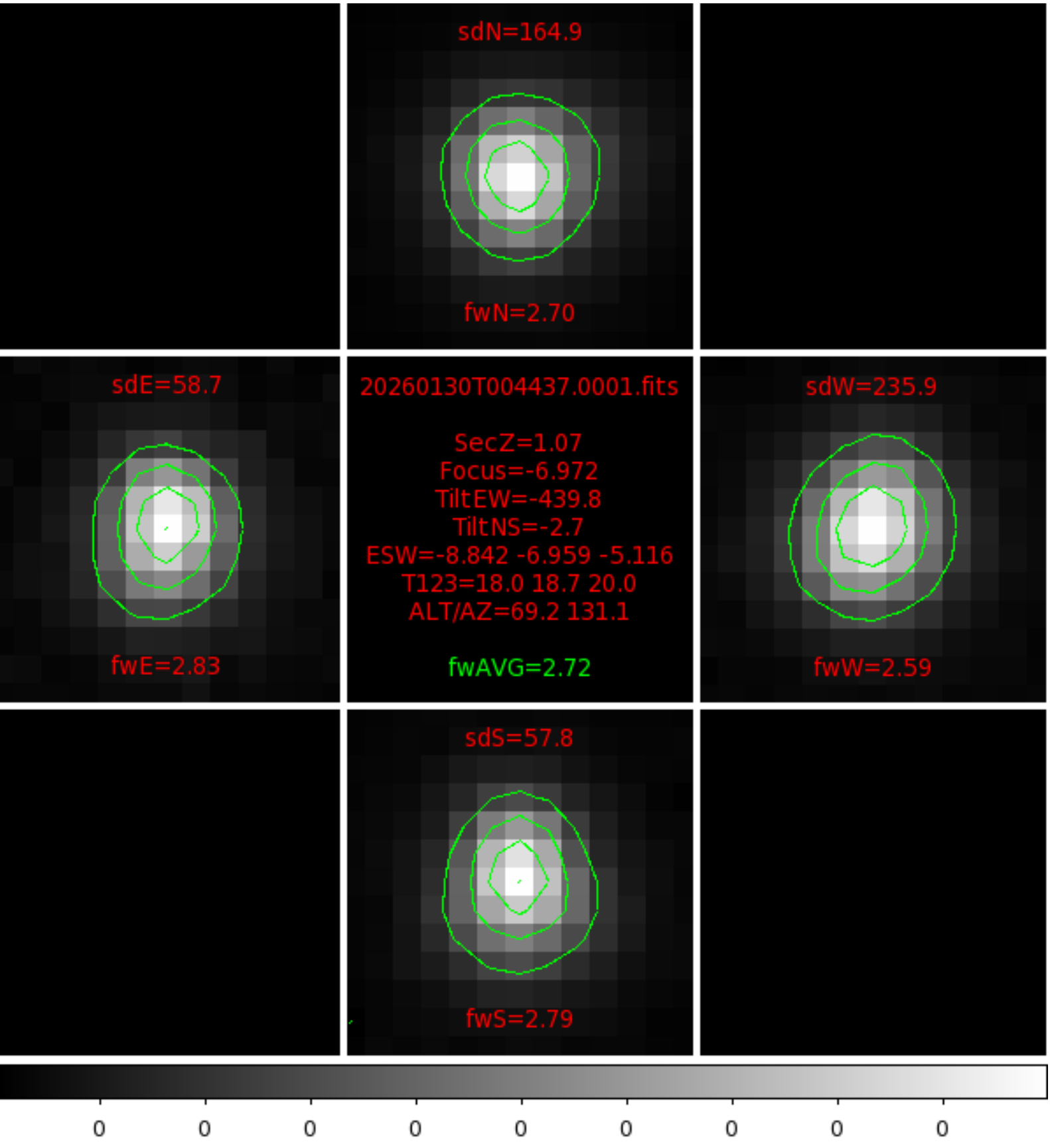
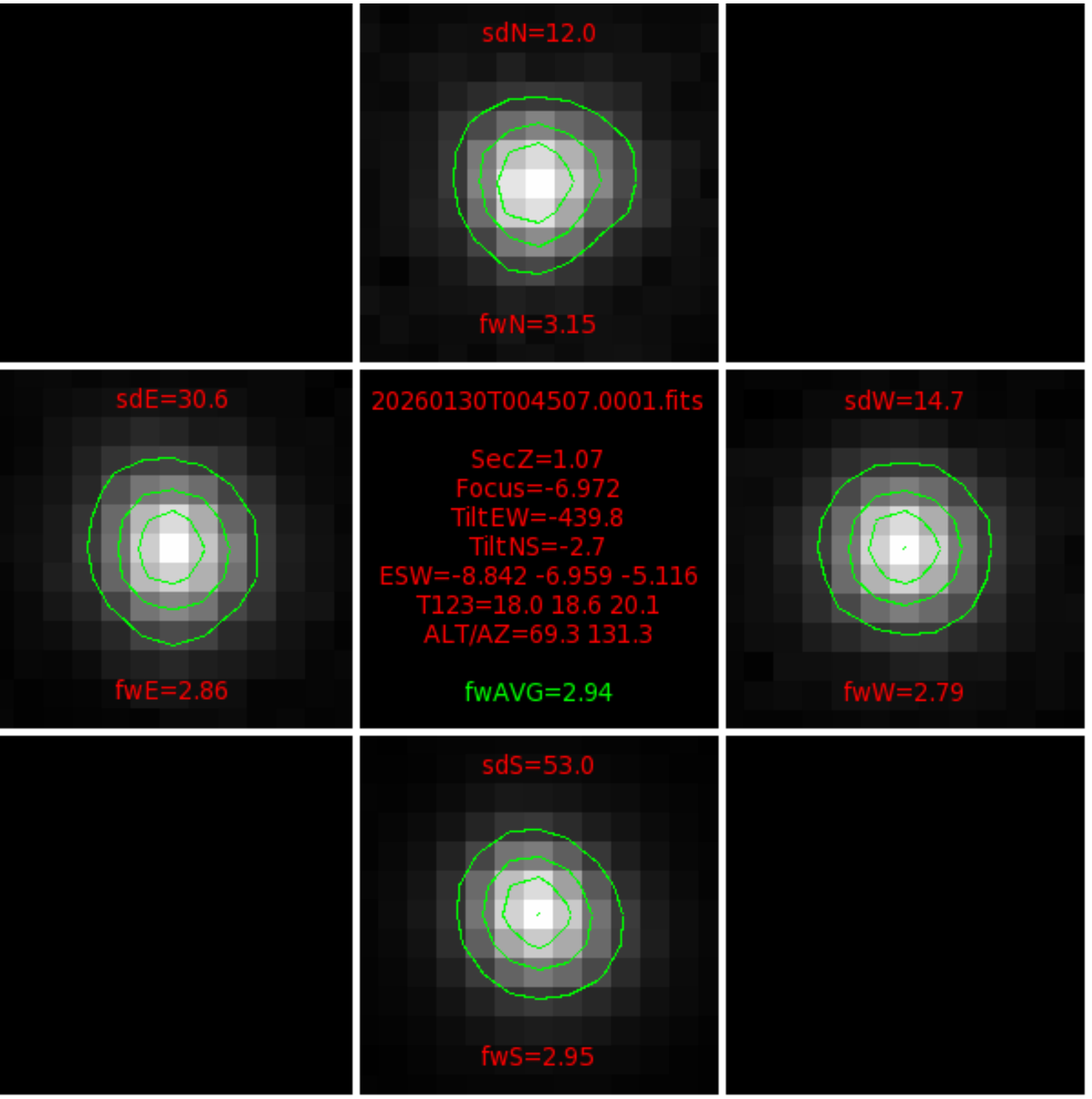
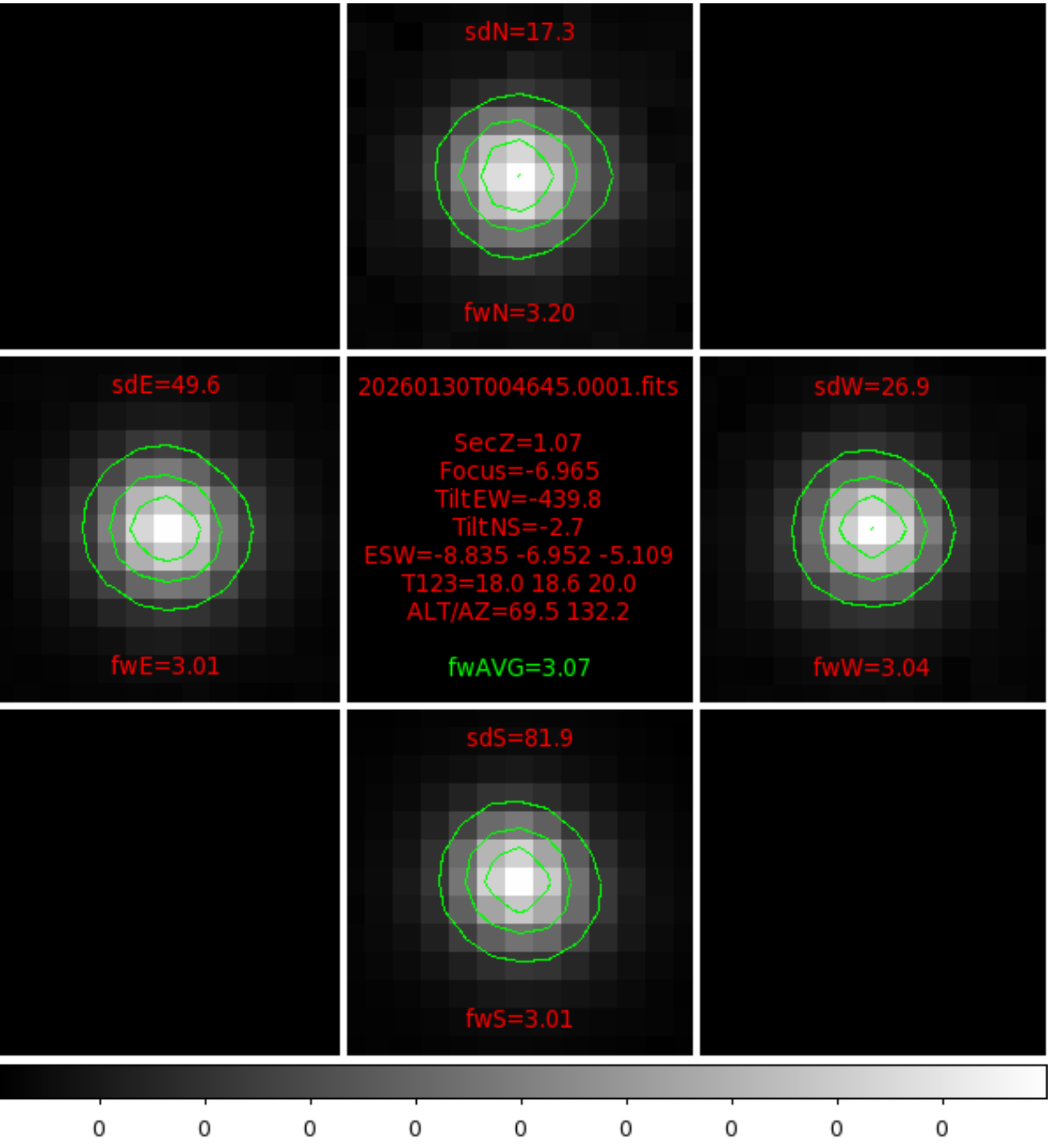

sdN=164.9
fwN=2.70
sdE=58.7
fwE=2.83
20260130T004437.0001.fits
SecZ=1.07
Focus=-6.972
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.842 -6.959 -5.116
T123=18.0 18.7 20.0
ALT/AZ=69.2 131.1
fwAVG=2.72
sdW=235.9
fwW=2.59
sdS=57.8
fwS=2.79
0 0 0 0 0 0 0 0 0


sdN=12.0
fwN=3.15
sdE=30.6
fwE=2.86
20260130T004507.0001.fits
SecZ=1.07
Focus=-6.972
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.842 -6.959 -5.116
T123=18.0 18.6 20.1
ALT/AZ=69.3 131.3
fwAVG=2.94
sdW=14.7
fwW=2.79
sdS=53.0
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=17.3
fwN=3.20
sdE=49.6
fwE=3.01
20260130T004645.0001.fits
SecZ=1.07
Focus=-6.965
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.835 -6.952 -5.109
T123=18.0 18.6 20.0
ALT/AZ=69.5 132.2
fwAVG=3.07
sdW=26.9
fwW=3.04
sdS=81.9
fwS=3.01
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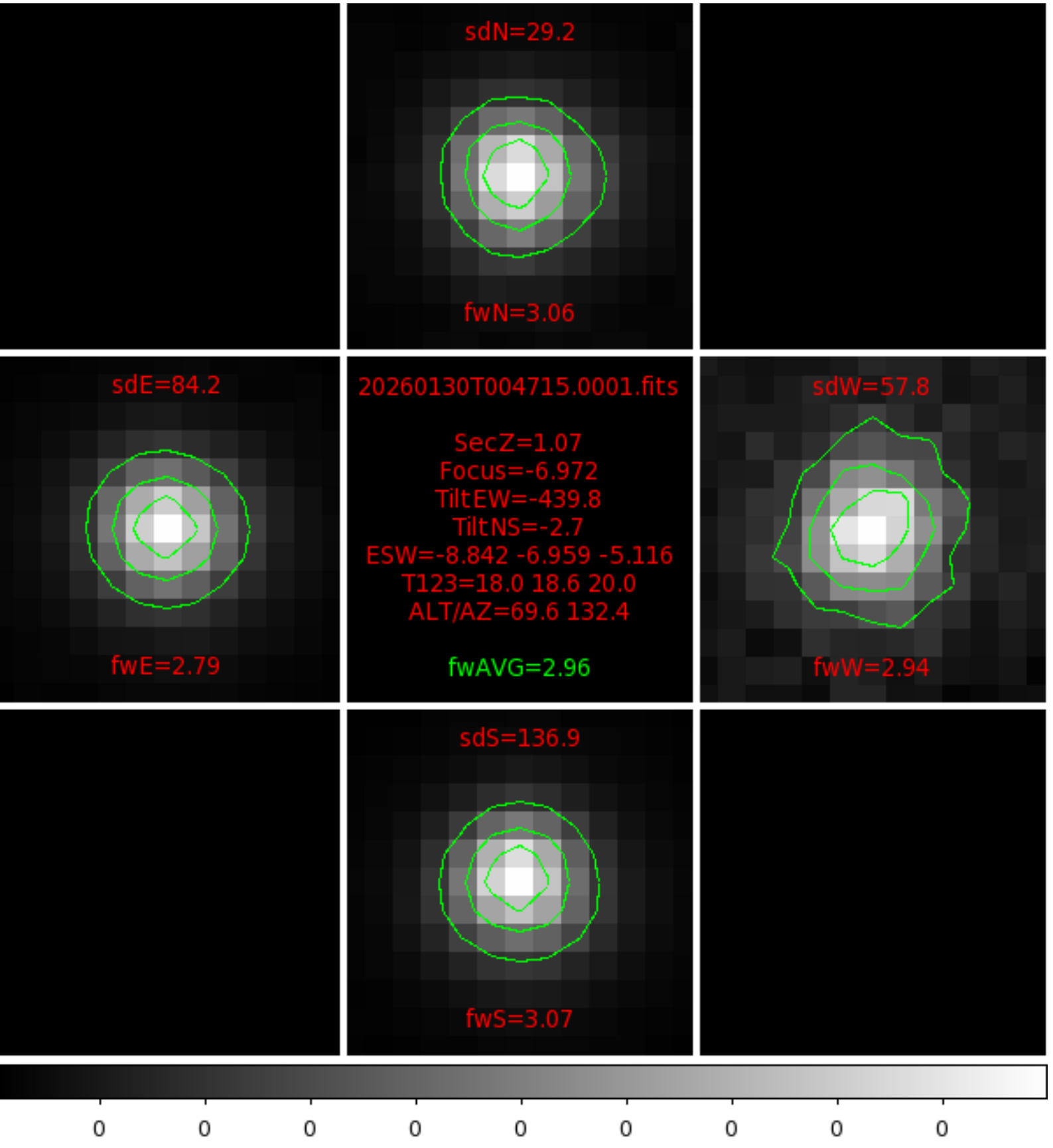
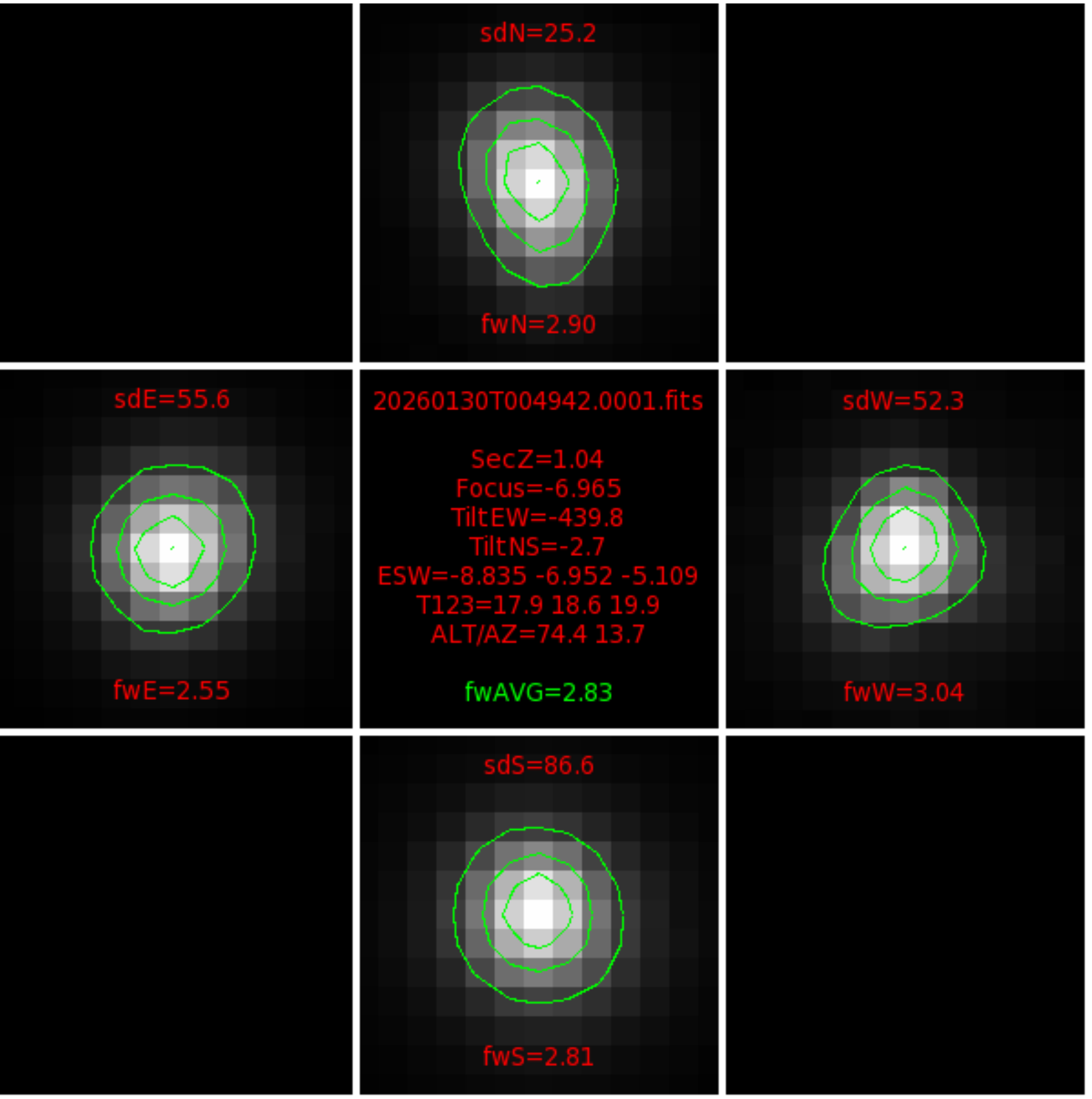

sdN=29.2
fwN=3.06
sdE=84.2
fwE=2.79
20260130T004715.0001.fits
SecZ=1.07
Focus=-6.972
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.842 -6.959 -5.116
T123=18.0 18.6 20.0
ALT/AZ=69.6 132.4
fwAVG=2.96
sdW=57.8
fwW=2.94
sdS=136.9
fwS=3.07
0 0 0 0 0 0 0 0 0


sdN=25.2
fwN=2.90
sdE=55.6
fwE=2.55
20260130T004942.0001.fits
SecZ=1.04
Focus=-6.965
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.835 -6.952 -5.109
T123=17.9 18.6 19.9
ALT/AZ=74.4 13.7
fwAVG=2.83
sdW=52.3
fwW=3.04
sdS=86.6
fwS=2.81
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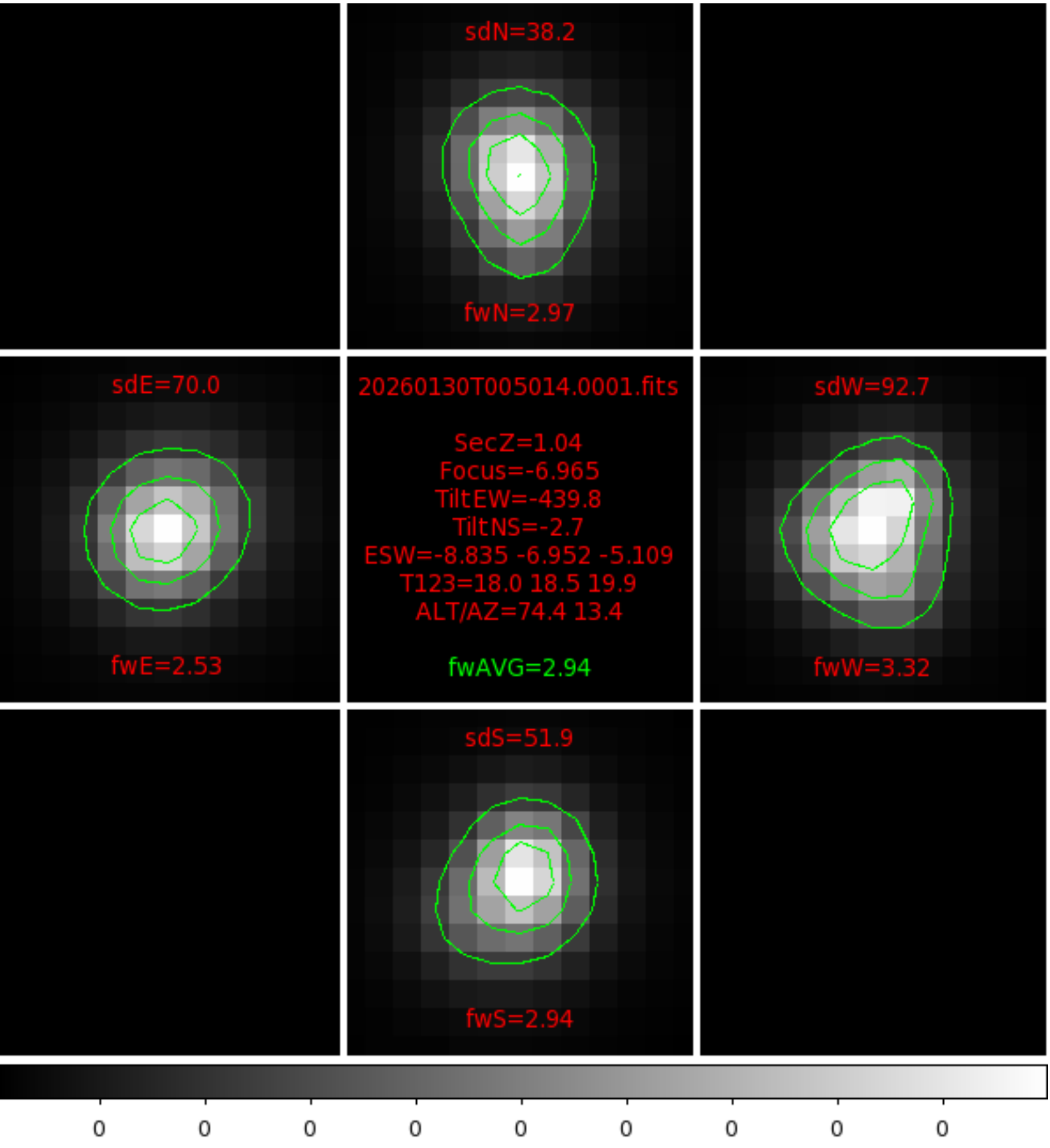
sdN=38.2
fwN=2.97
sdE=70.0
fwE=2.53
20260130T005014.0001.fits
SecZ=1.04
Focus=-6.965
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.835 -6.952 -5.109
T123=18.0 18.5 19.9
ALT/AZ=74.4 13.4
fwAVG=2.94
sdW=92.7
fwW=3.32
sdS=51.9
fwS=2.94
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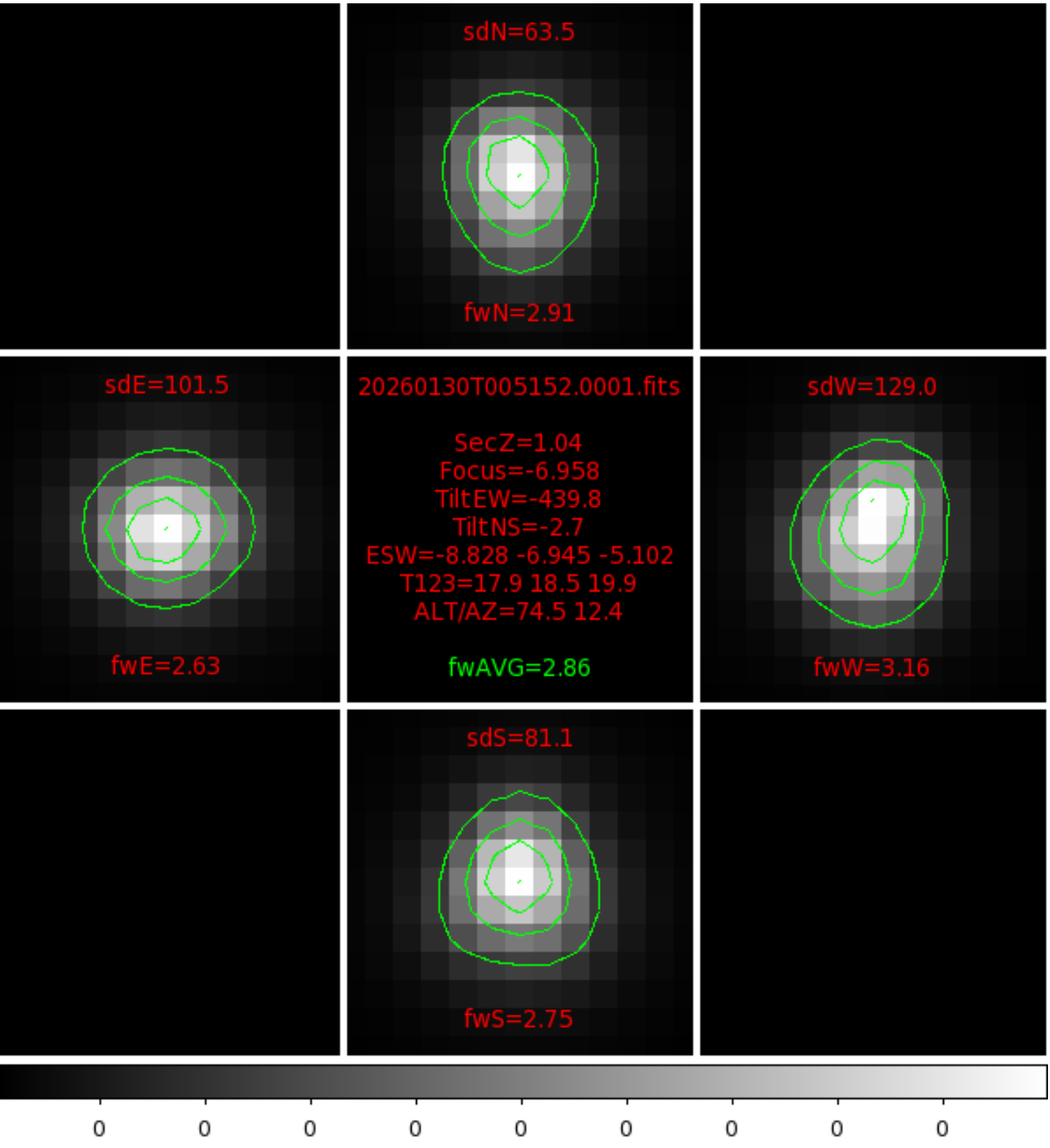
sdN=63.5
fwN=2.91
sdE=101.5
fwE=2.63
20260130T005152.0001.fits
SecZ=1.04
Focus=-6.958
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.828 -6.945 -5.102
T123=17.9 18.5 19.9
ALT/AZ=74.5 12.4
fwAVG=2.86
sdW=129.0
fwW=3.16
sdS=81.1
fwS=2.75
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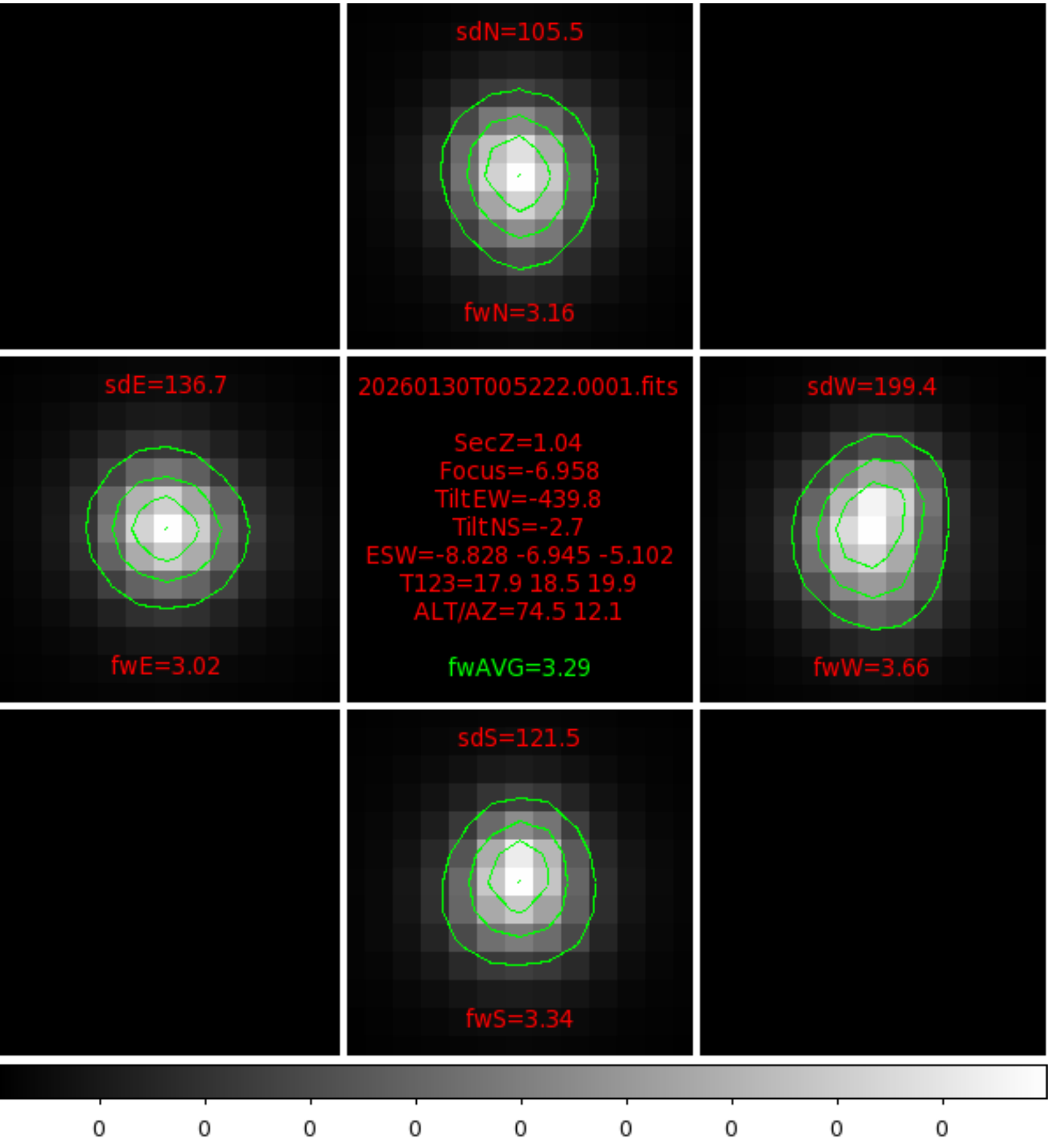
sdN=105.5
fwN=3.16
sdE=136.7
fwE=3.02
20260130T005222.0001.fits
SecZ=1.04
Focus=-6.958
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.828 -6.945 -5.102
T123=17.9 18.5 19.9
ALT/AZ=74.5 12.1
fwAVG=3.29
sdW=199.4
fwW=3.66
sdS=121.5
fwS=3.34
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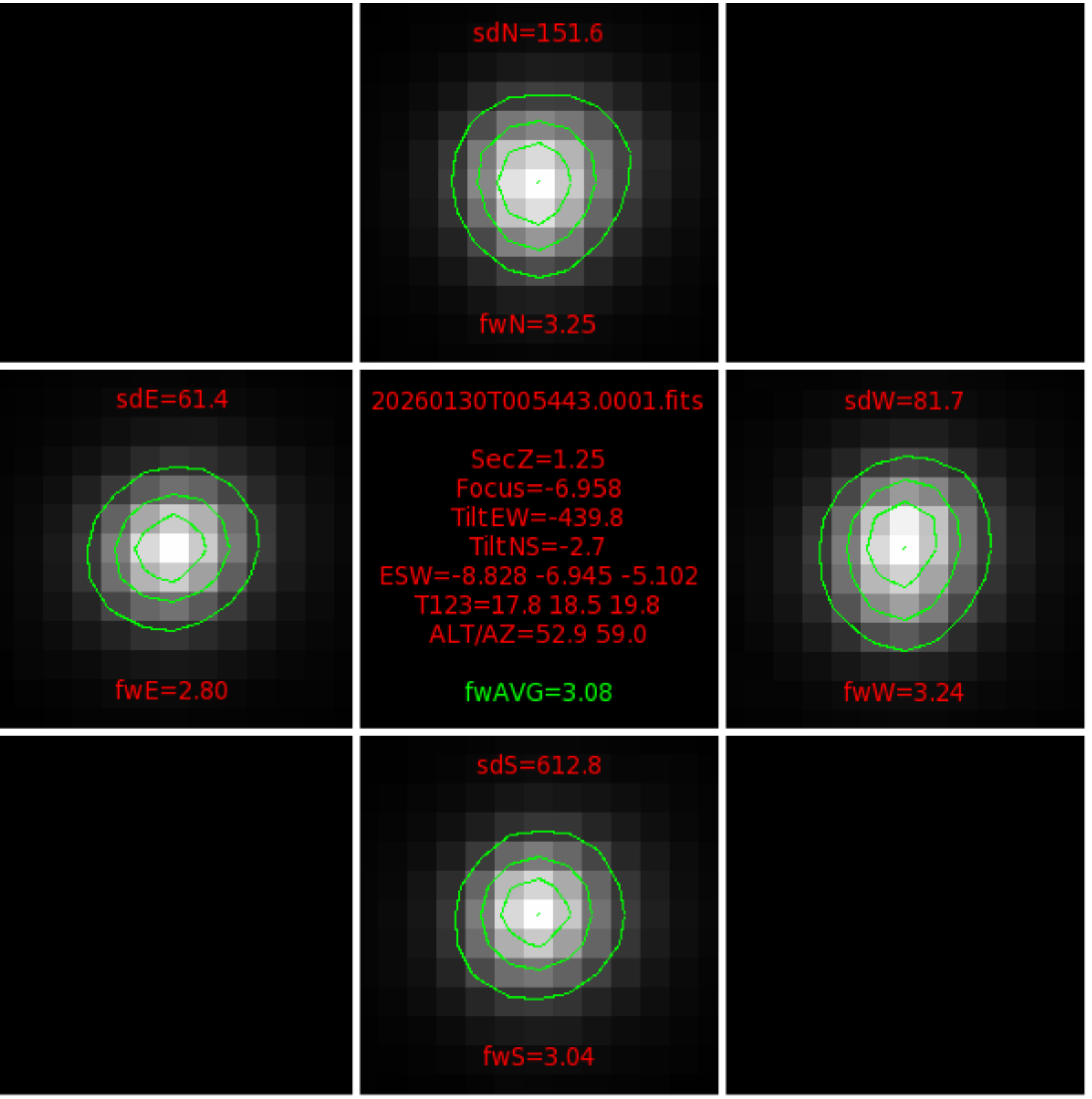
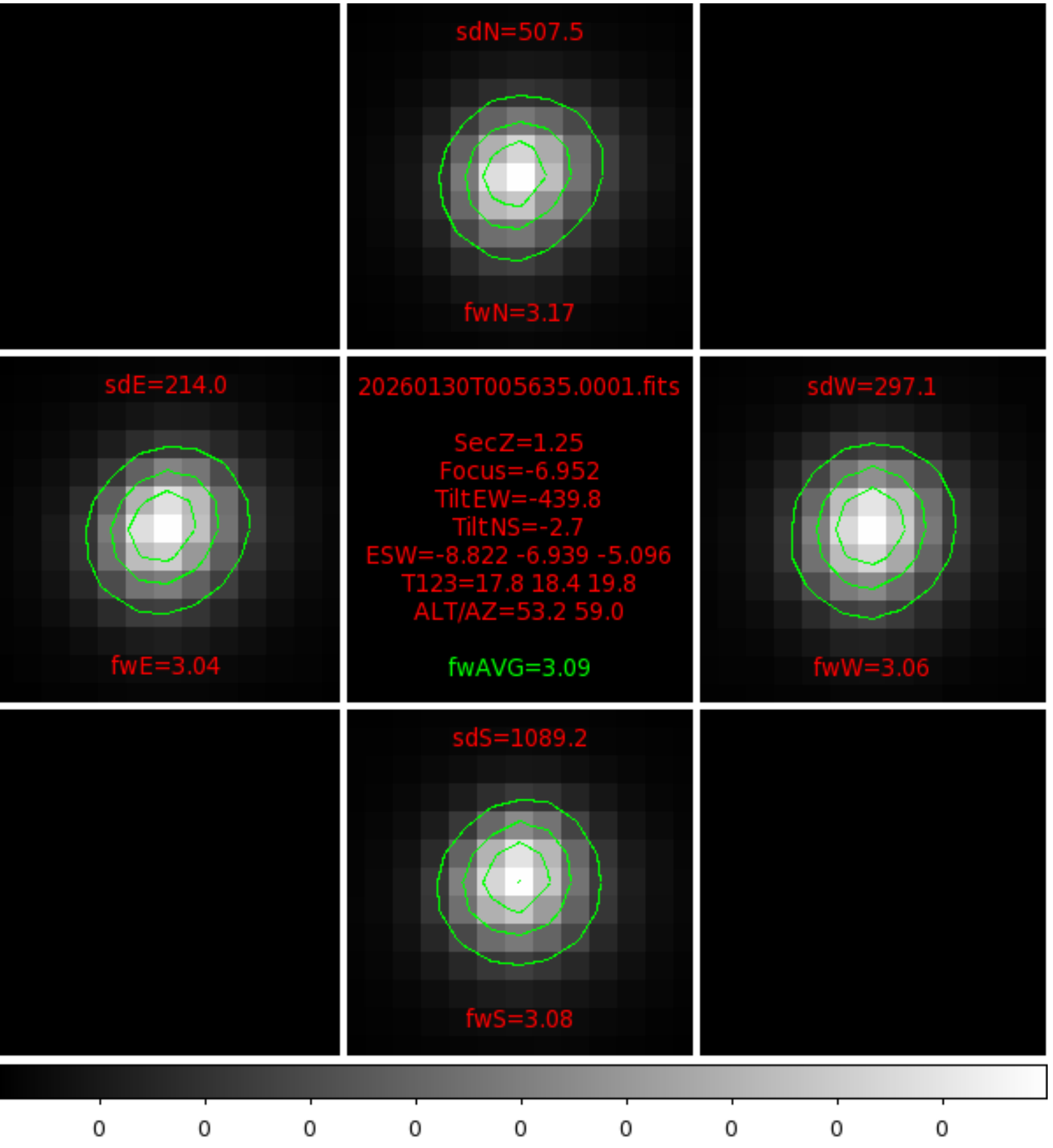

sdN=151.6
fwN=3.25
sdE=61.4
fwE=2.80
20260130T005443.0001.fits
SecZ=1.25
Focus=-6.958
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.828 -6.945 -5.102
T123=17.8 18.5 19.8
ALT/AZ=52.9 59.0
fwAVG=3.08
sdW=81.7
fwW=3.24
sdS=612.8
fwS=3.04
0 0 0 0 0 0 0 0 0


sdN=507.5
fwN=3.17
sdE=214.0
fwE=3.04
20260130T005635.0001.fits
SecZ=1.25
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=17.8 18.4 19.8
ALT/AZ=53.2 59.0
fwAVG=3.09
sdW=297.1
fwW=3.06
sdS=1089.2
fwS=3.08
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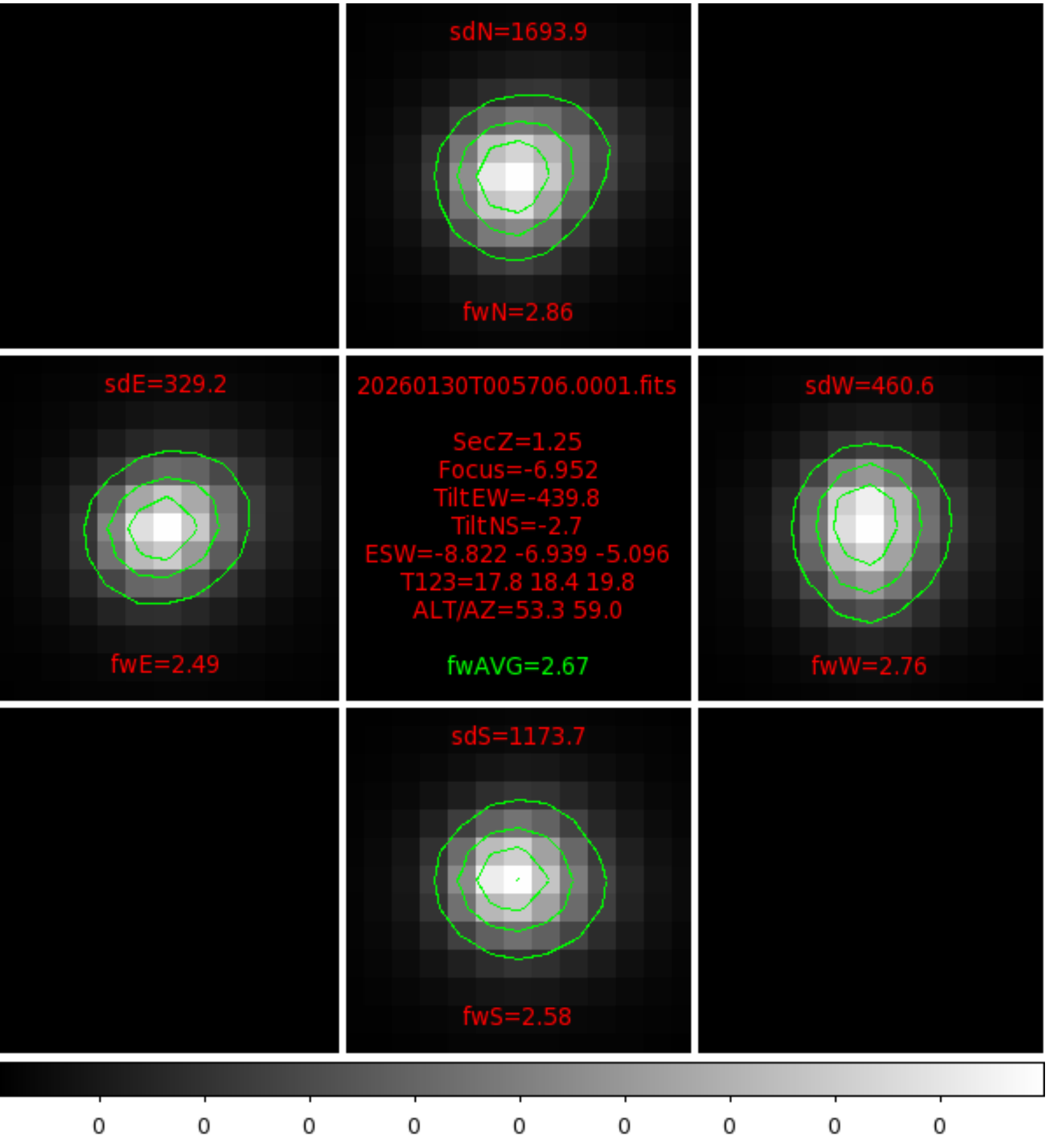
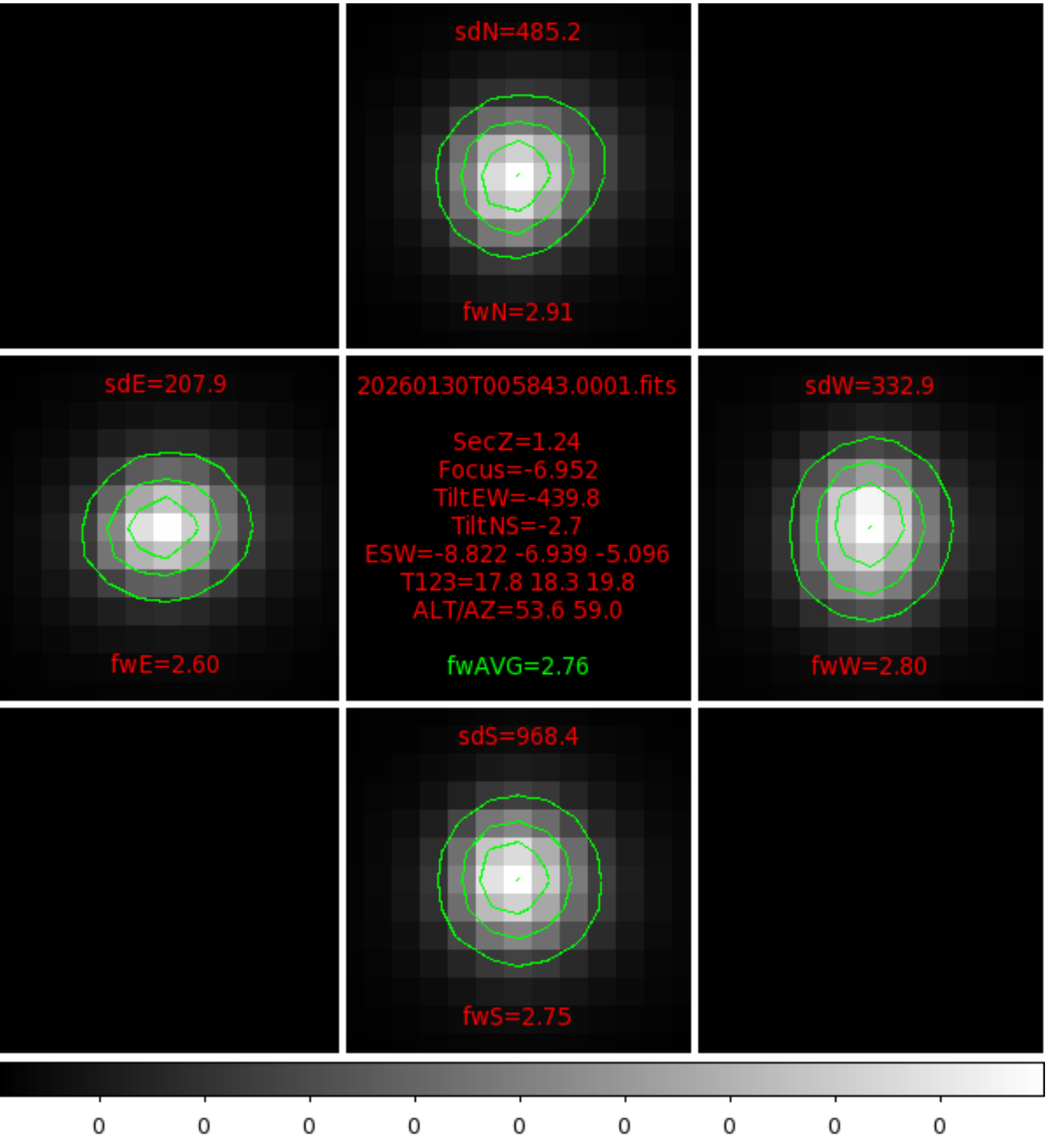
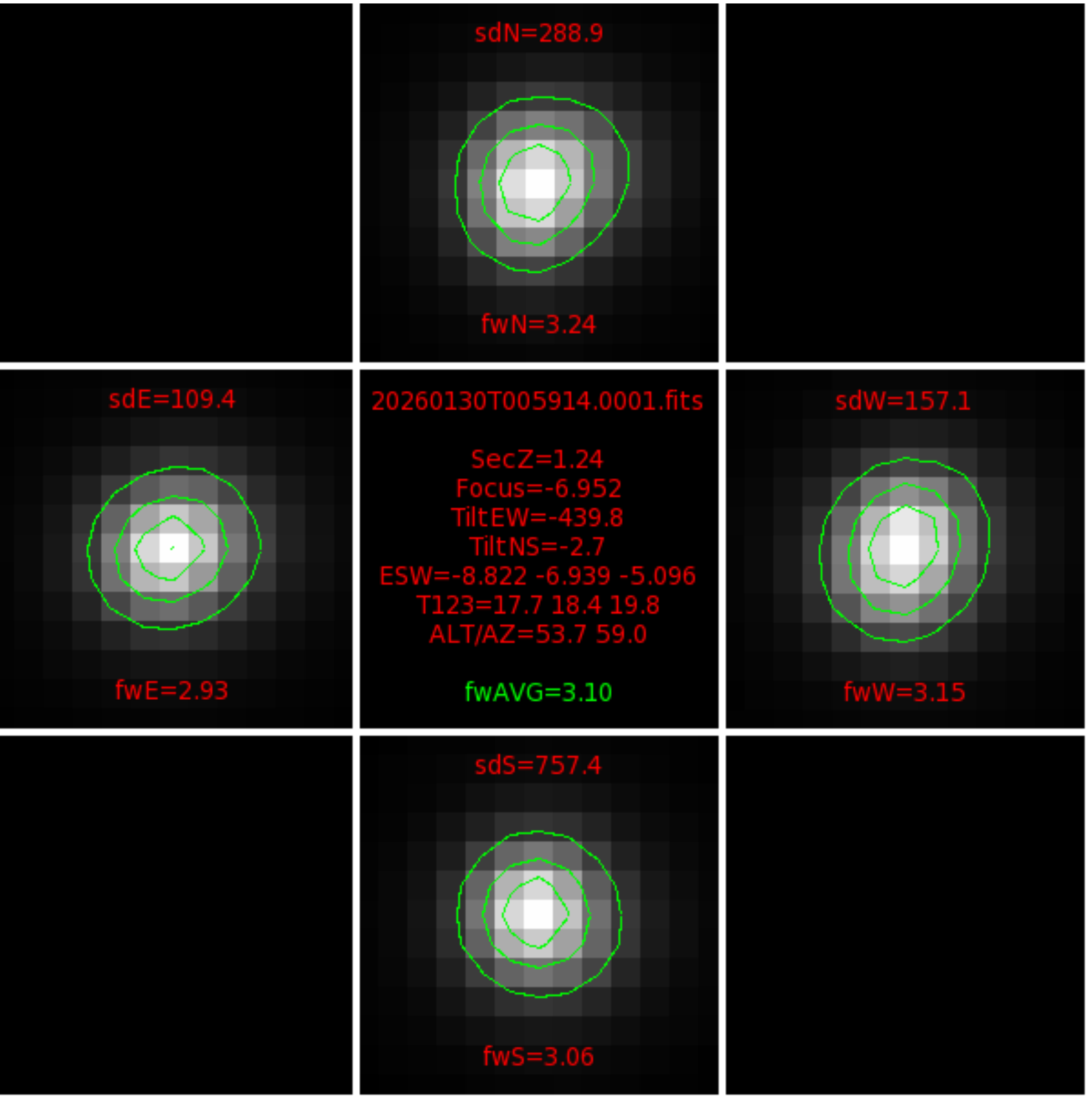
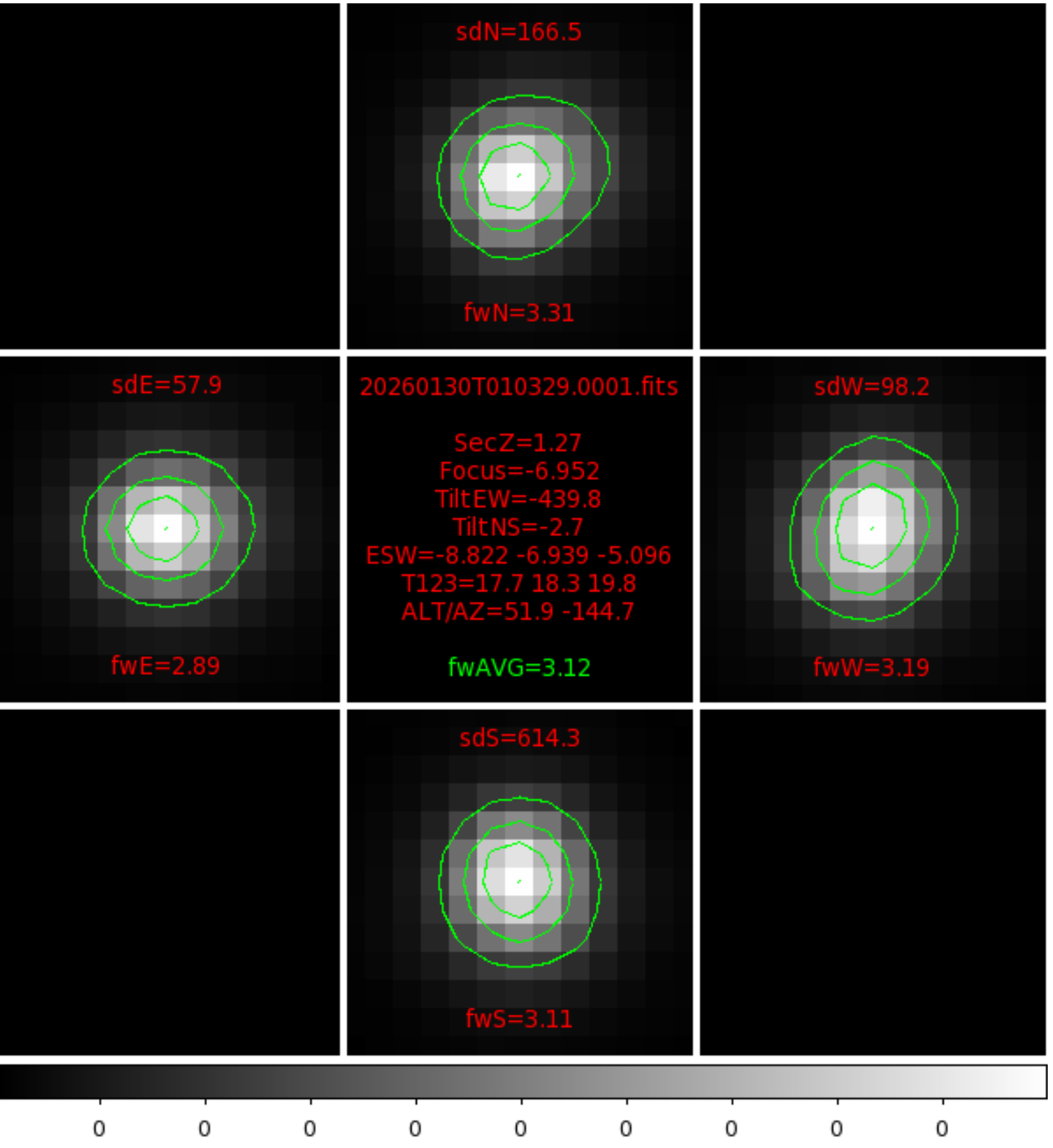

sdN=1693.9
fwN=2.86
sdE=329.2
fwE=2.49
20260130T005706.0001.fits
SecZ=1.25
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=17.8 18.4 19.8
ALT/AZ=53.3 59.0
fwAVG=2.67
sdW=460.6
fwW=2.76
sdS=1173.7
fwS=2.58
0 0 0 0 0 0 0 0 0


sdN=485.2
fwN=2.91
sdE=207.9
fwE=2.60
20260130T005843.0001.fits
SecZ=1.24
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=17.8 18.3 19.8
ALT/AZ=53.6 59.0
fwAVG=2.76
sdW=332.9
fwW=2.80
sdS=968.4
fwS=2.75
0 0 0 0 0 0 0 0 0


sdN=288.9
fwN=3.24
sdE=109.4
fwE=2.93
20260130T005914.0001.fits
SecZ=1.24
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=17.7 18.4 19.8
ALT/AZ=53.7 59.0
fwAVG=3.10
sdW=157.1
fwW=3.15
sdS=757.4
fwS=3.06
0 0 0 0 0 0 0 0 0


sdN=166.5
fwN=3.31
sdE=57.9
fwE=2.89
20260130T010329.0001.fits
SecZ=1.27
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=17.7 18.3 19.8
ALT/AZ=51.9 -144.7
fwAVG=3.12
sdW=98.2
fwW=3.19
sdS=614.3
fwS=3.11
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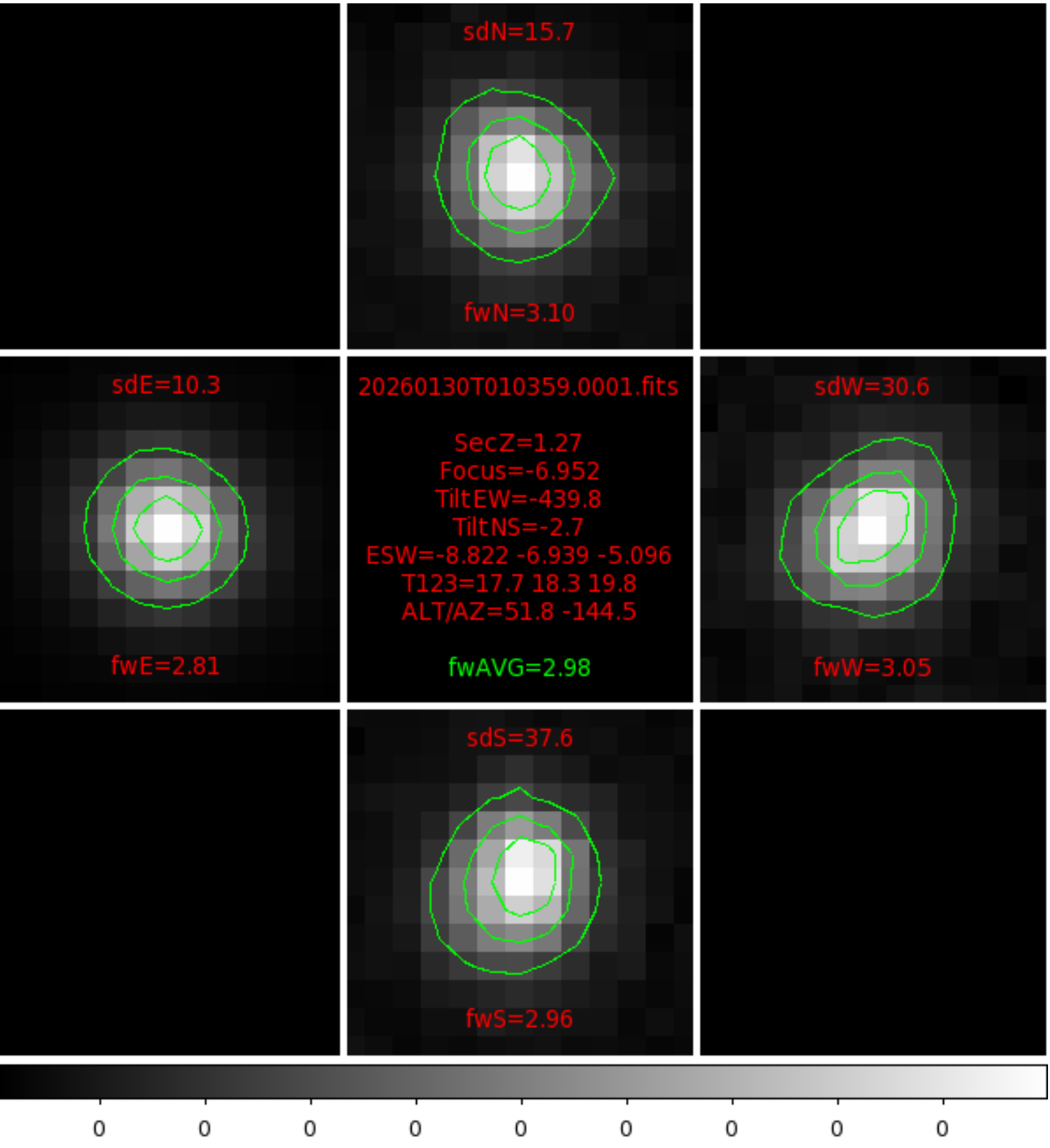
sdN=15.7
fwN=3.10
sdE=10.3
fwE=2.81
20260130T010359.0001.fits
SecZ=1.27
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=17.7 18.3 19.8
ALT/AZ=51.8 -144.5
fwAVG=2.98
sdW=30.6
fwW=3.05
sdS=37.6
fwS=2.96
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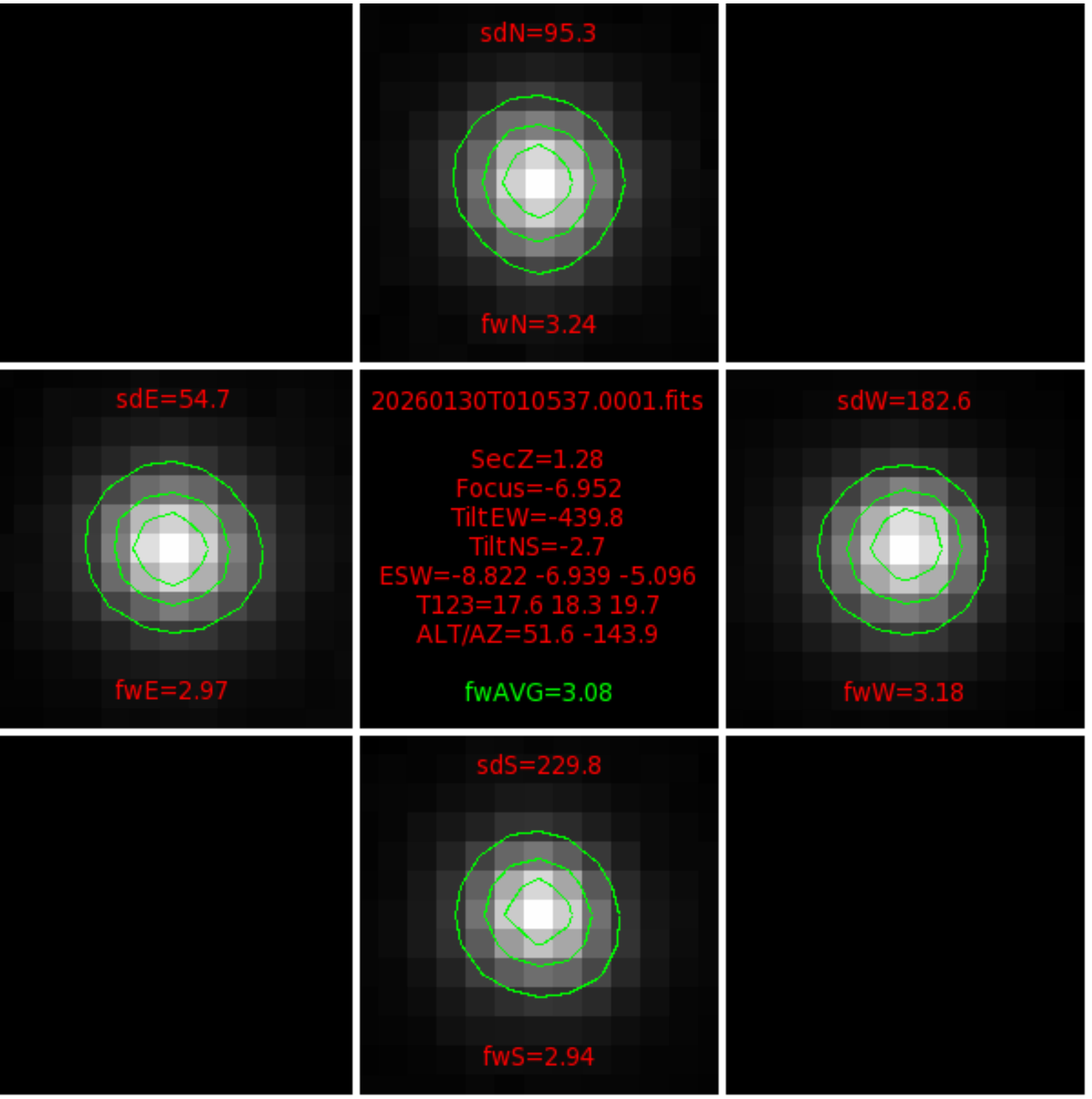
sdN=95.3
fwN=3.24
sdE=54.7
fwE=2.97
20260130T010537.0001.fits
SecZ=1.28
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=17.6 18.3 19.7
ALT/AZ=51.6 -143.9
fwAVG=3.08
sdW=182.6
fwW=3.18
sdS=229.8
fwS=2.94
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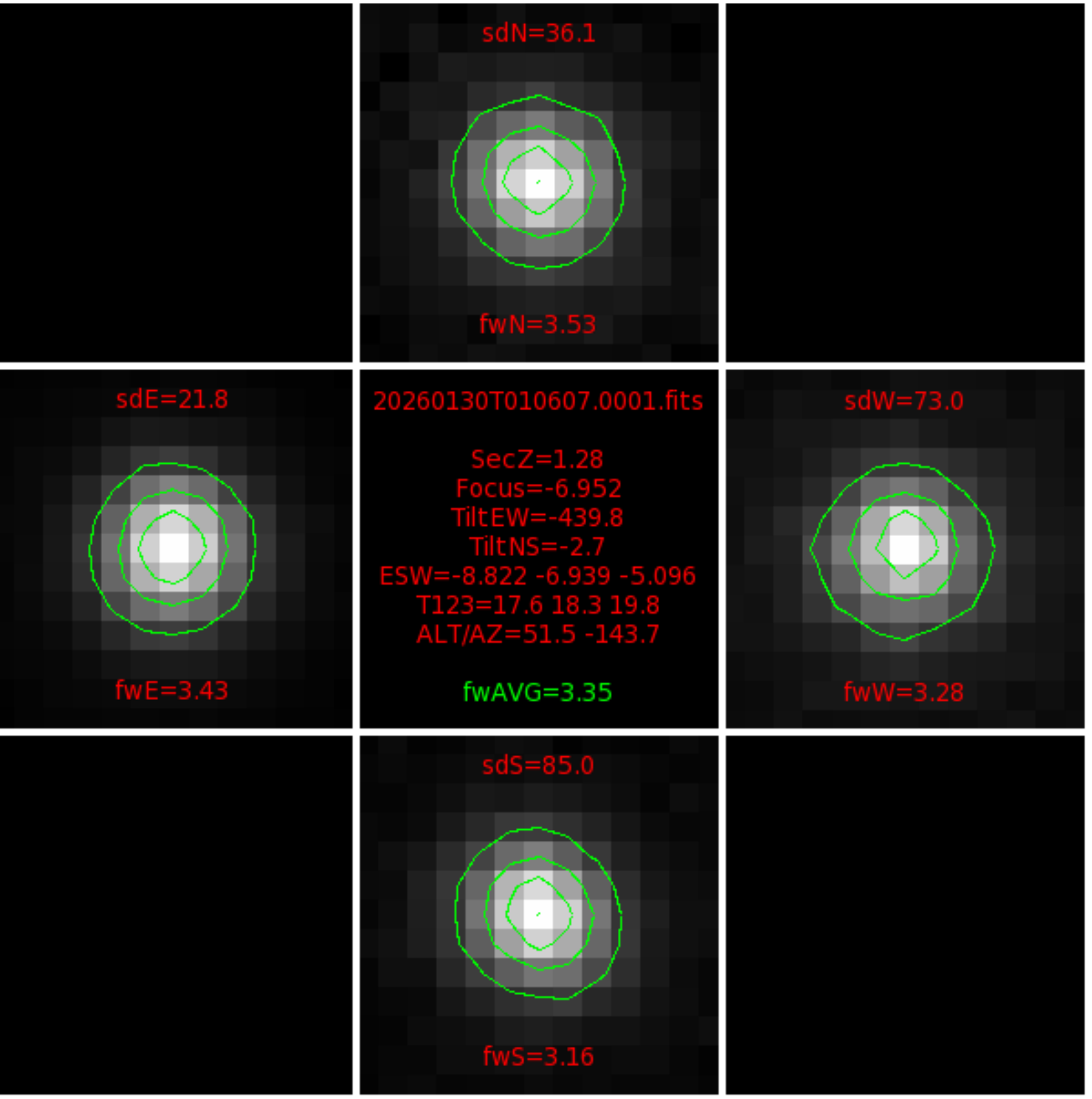
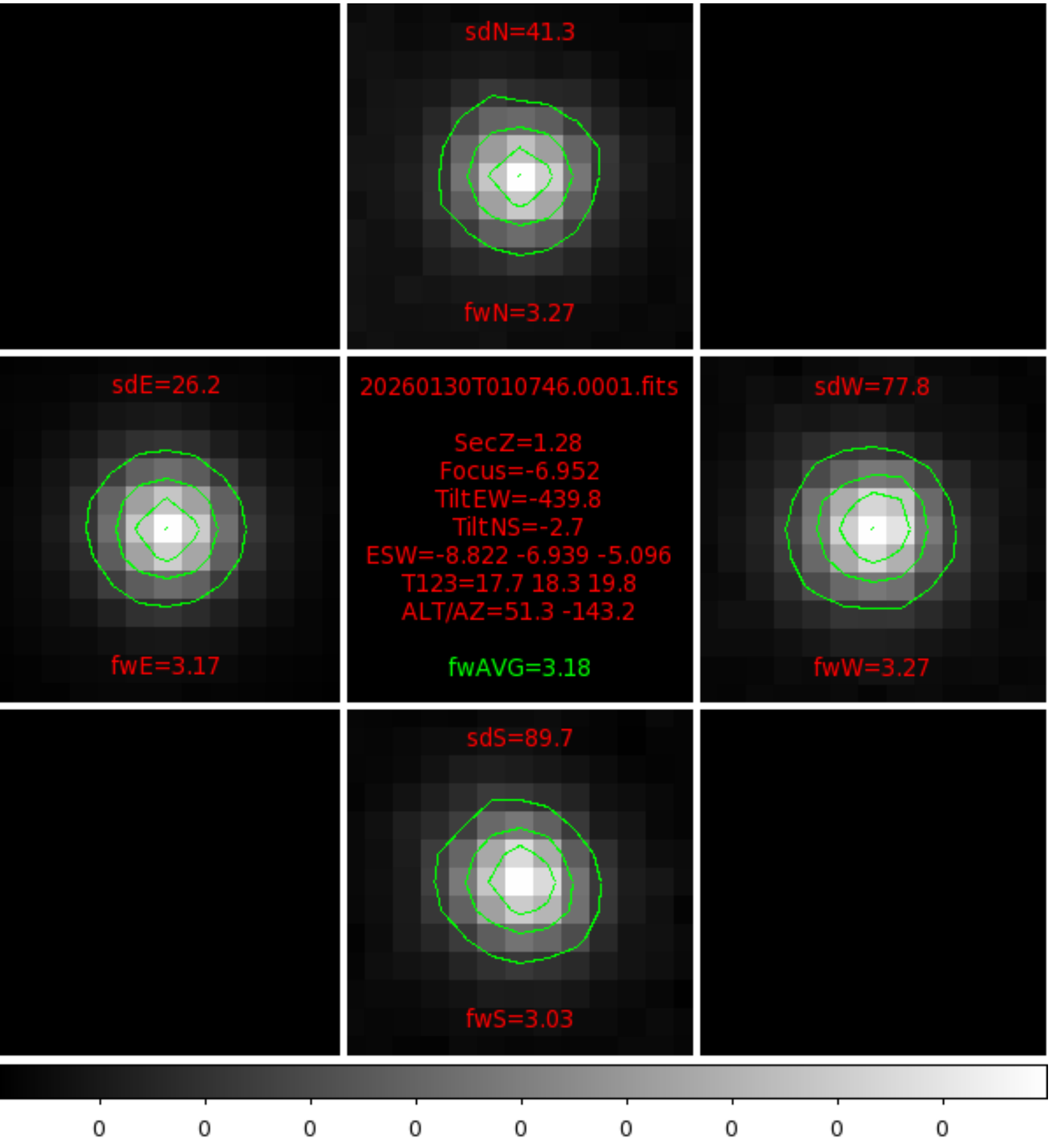
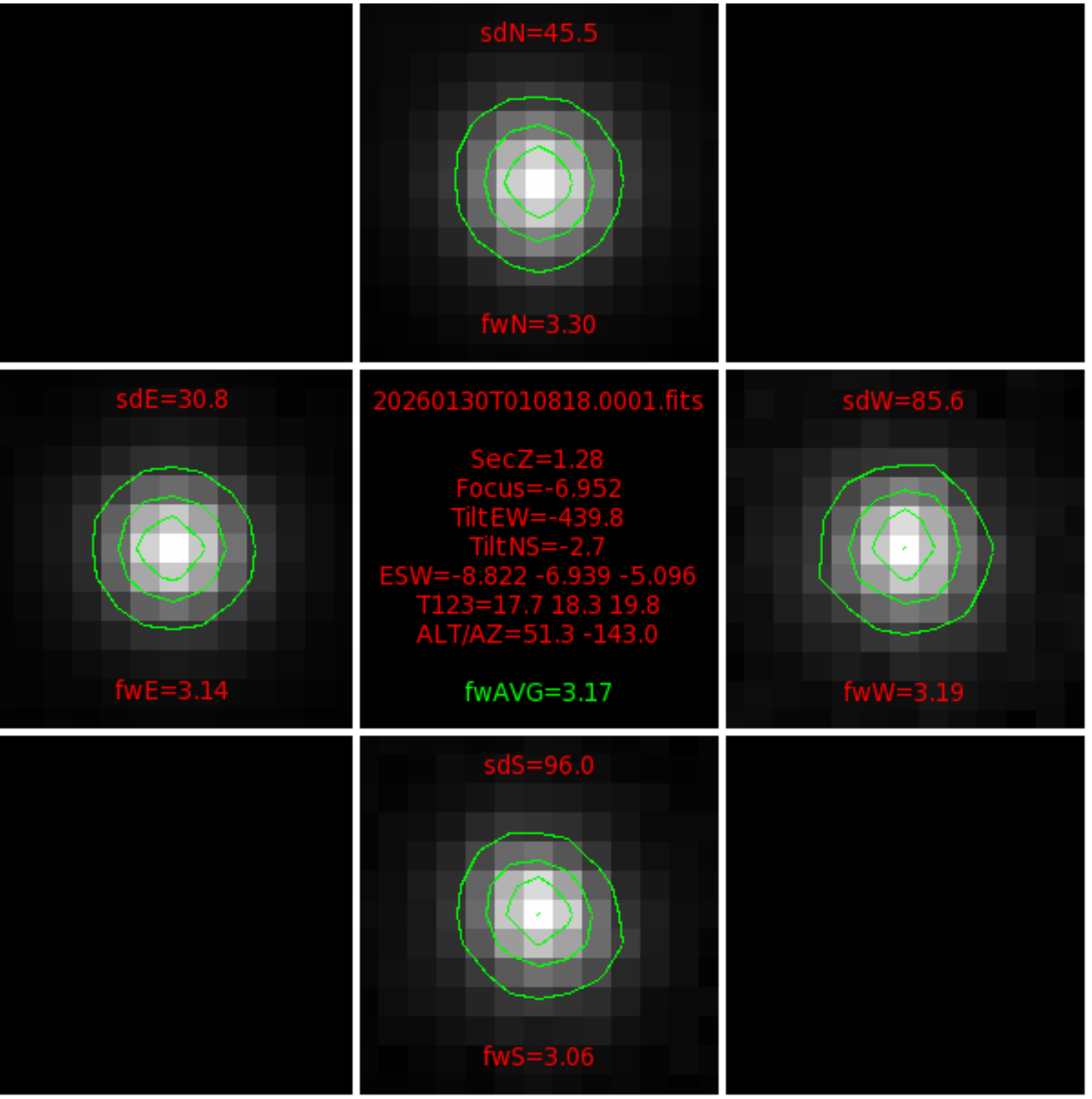
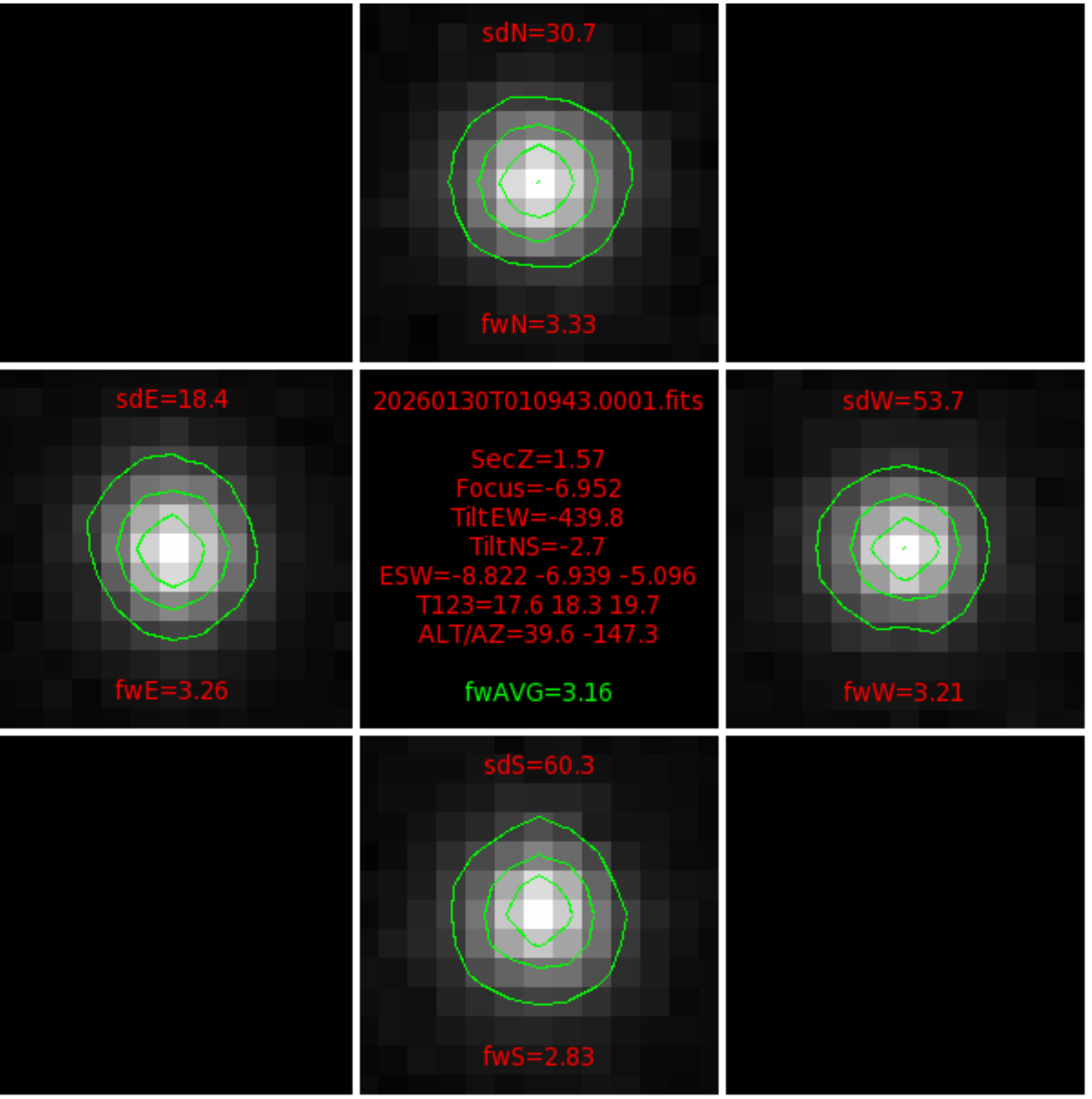
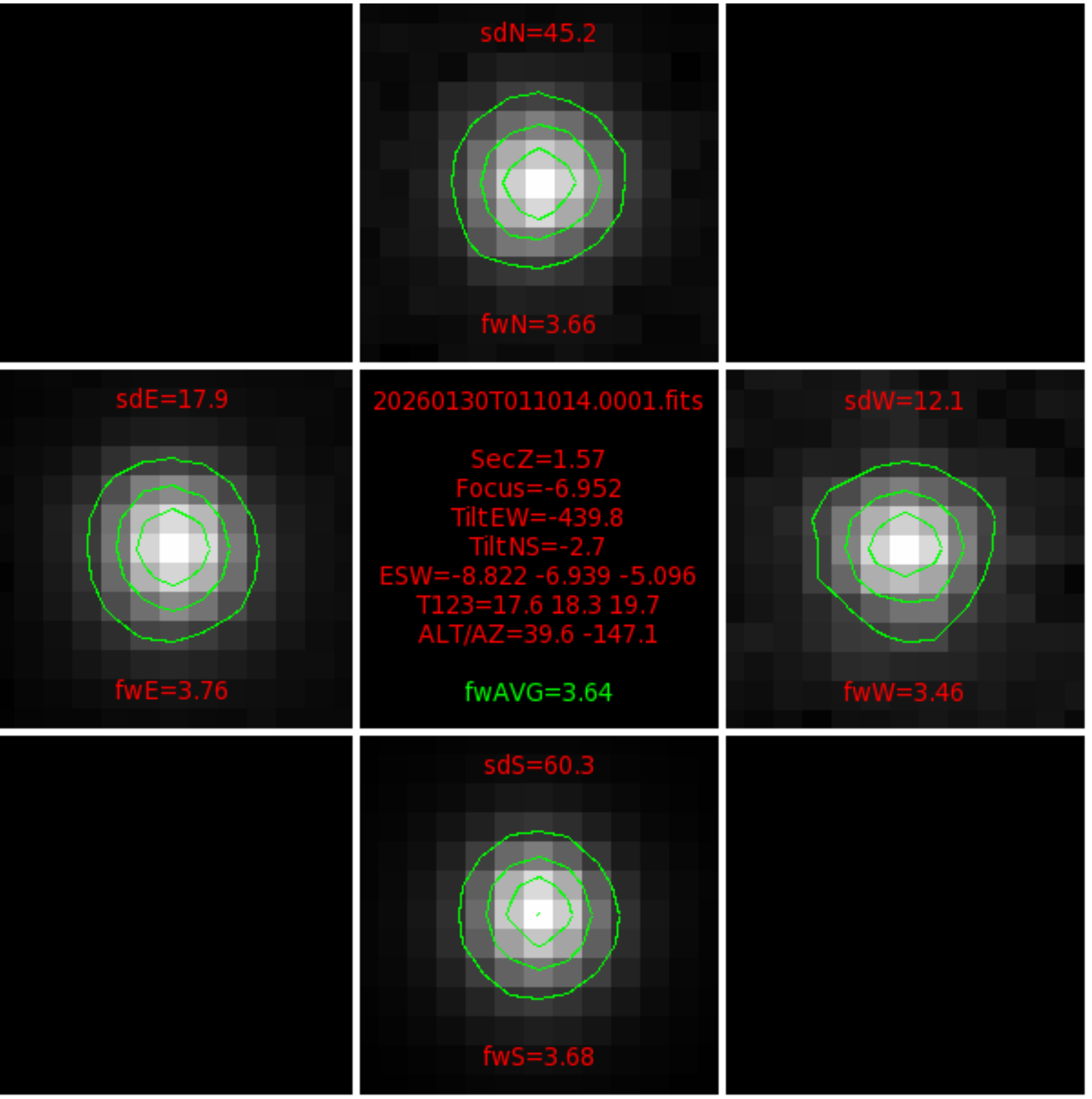

sdN=36.1
fwN=3.53
sdE=21.8
fwE=3.43
20260130T010607.0001.fits
SecZ=1.28
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=17.6 18.3 19.8
ALT/AZ=51.5 -143.7
fwAVG=3.35
sdW=73.0
fwW=3.28
sdS=85.0
fwS=3.16
0 0 0 0 0 0 0 0 0


sdN=41.3
fwN=3.27
sdE=26.2
fwE=3.17
20260130T010746.0001.fits
SecZ=1.28
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=17.7 18.3 19.8
ALT/AZ=51.3 -143.2
fwAVG=3.18
sdW=77.8
fwW=3.27
sdS=89.7
fwS=3.03
0 0 0 0 0 0 0 0 0


sdN=45.5
fwN=3.30
sdE=30.8
fwE=3.14
20260130T010818.0001.fits
SecZ=1.28
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=17.7 18.3 19.8
ALT/AZ=51.3 -143.0
fwAVG=3.17
sdW=85.6
fwW=3.19
sdS=96.0
fwS=3.06
0 0 0 0 0 0 0 0 0


sdN=30.7
fwN=3.33
sdE=18.4
fwE=3.26
20260130T010943.0001.fits
SecZ=1.57
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=17.6 18.3 19.7
ALT/AZ=39.6 -147.3
fwAVG=3.16
sdW=53.7
fwW=3.21
sdS=60.3
fwS=2.83
0 0 0 0 0 0 0 0 0


sdN=45.2
fwN=3.66
sdE=17.9
fwE=3.76
20260130T011014.0001.fits
SecZ=1.57
Focus=-6.952
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.822 -6.939 -5.096
T123=17.6 18.3 19.7
ALT/AZ=39.6 -147.1
fwAVG=3.64
sdW=12.1
fwW=3.46
sdS=60.3
fwS=3.68
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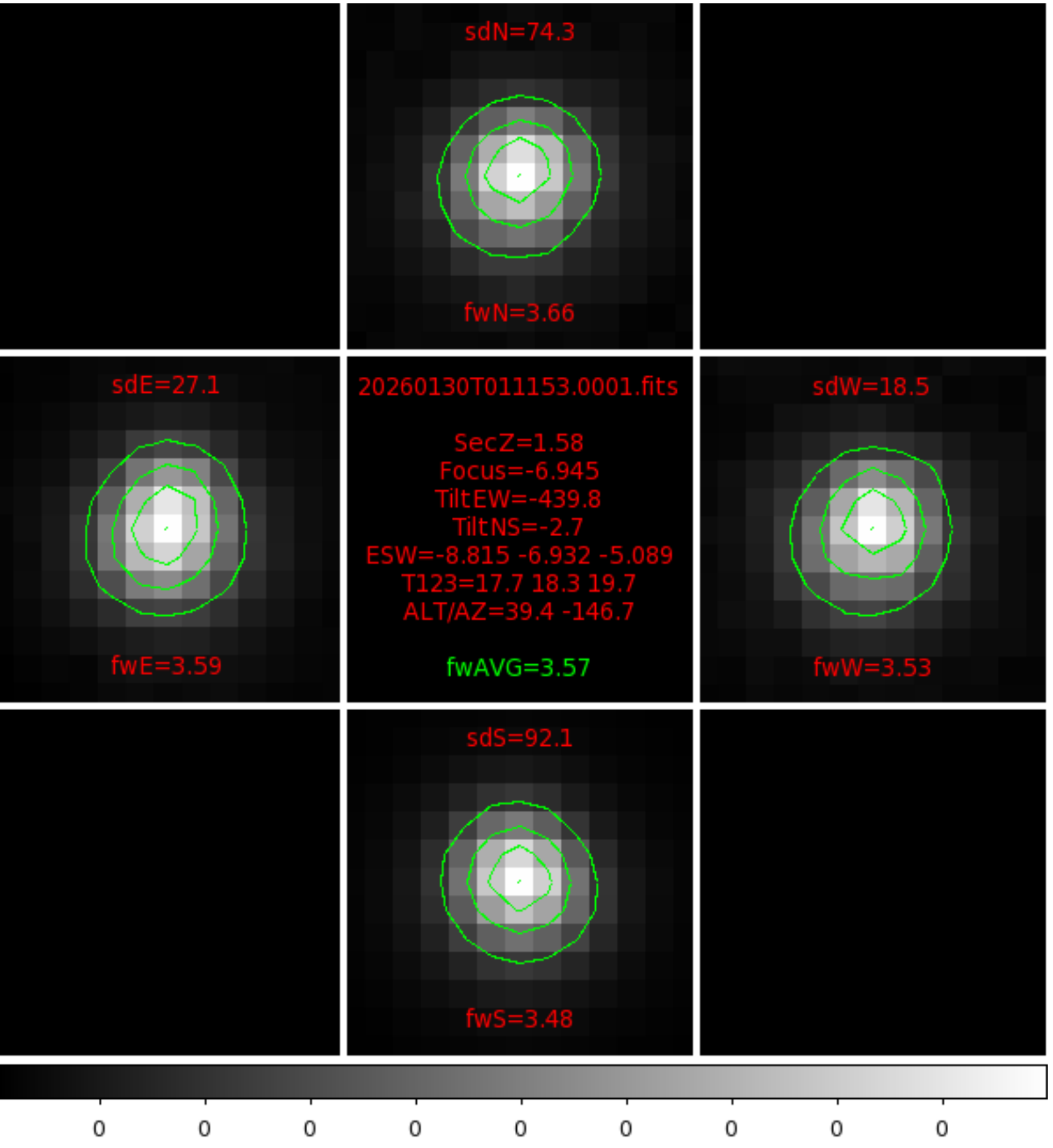
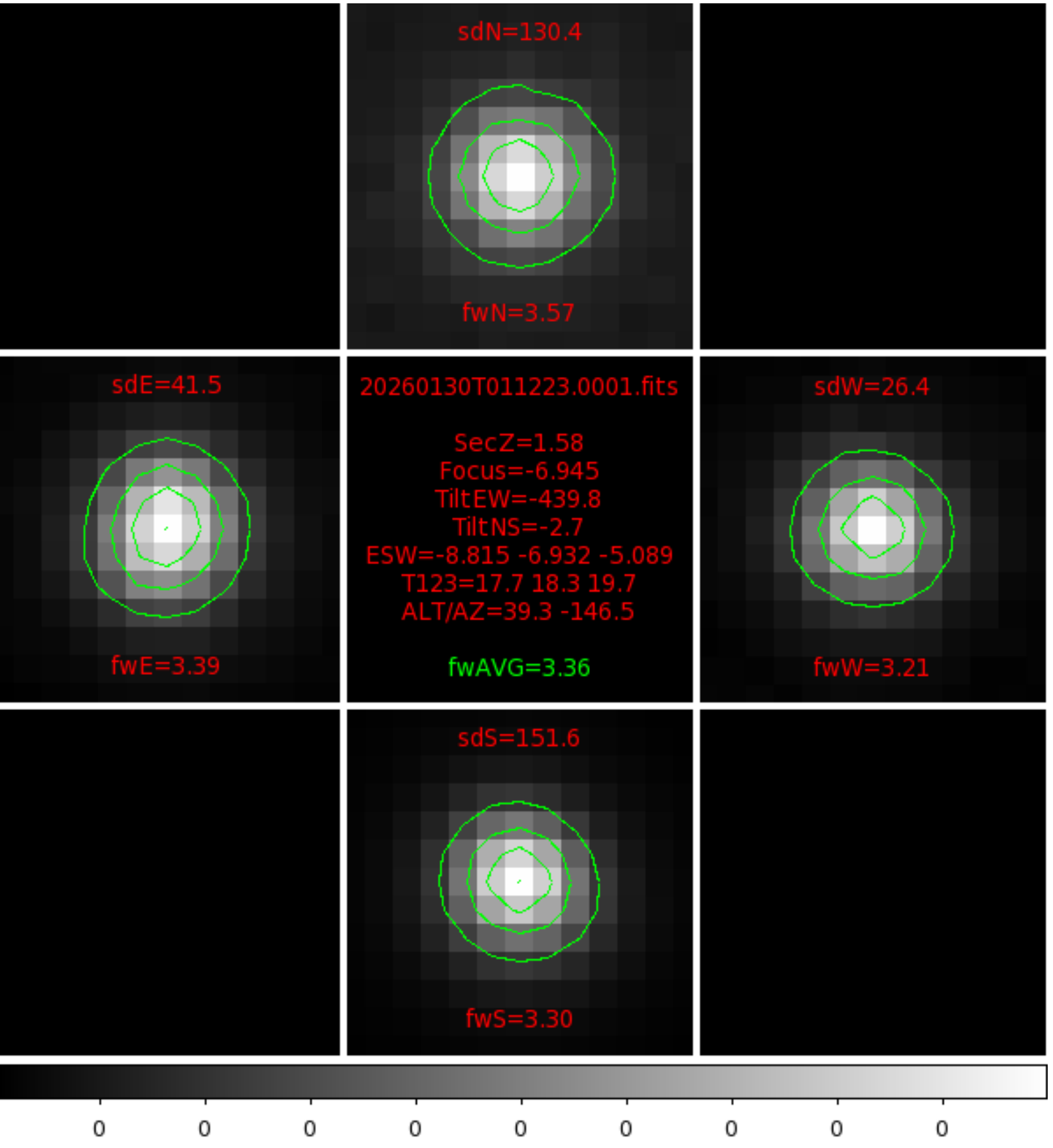
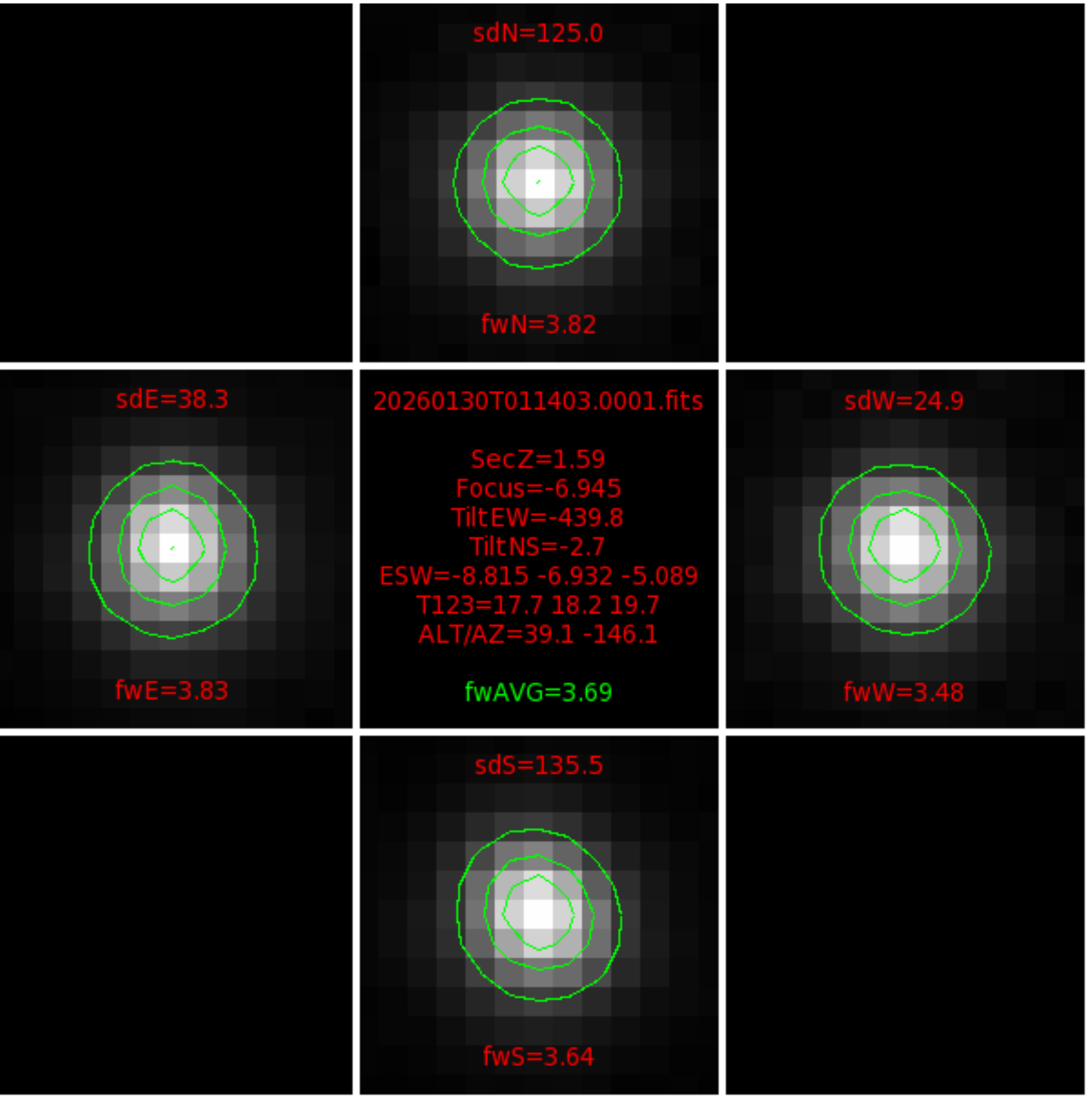
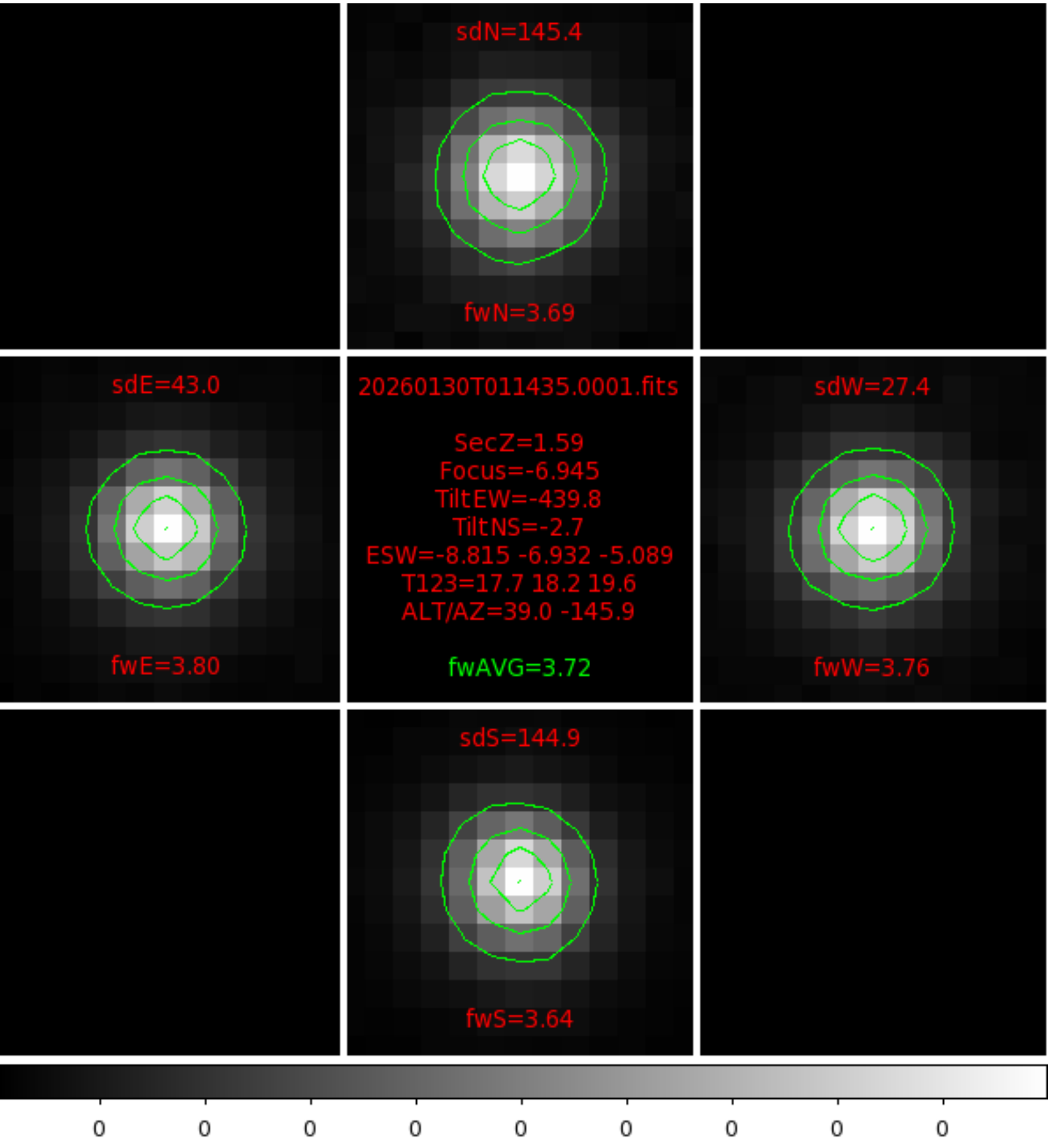
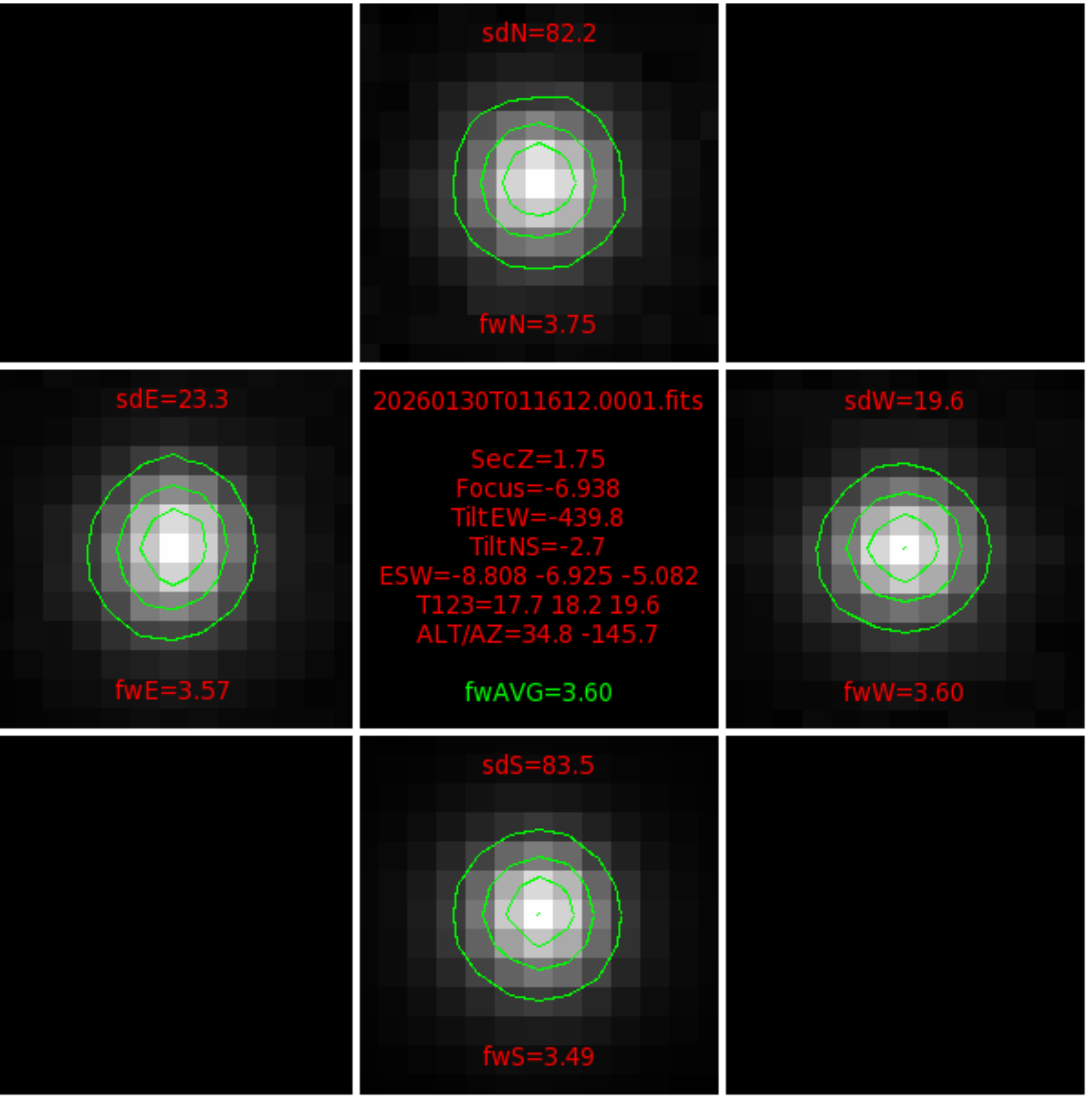
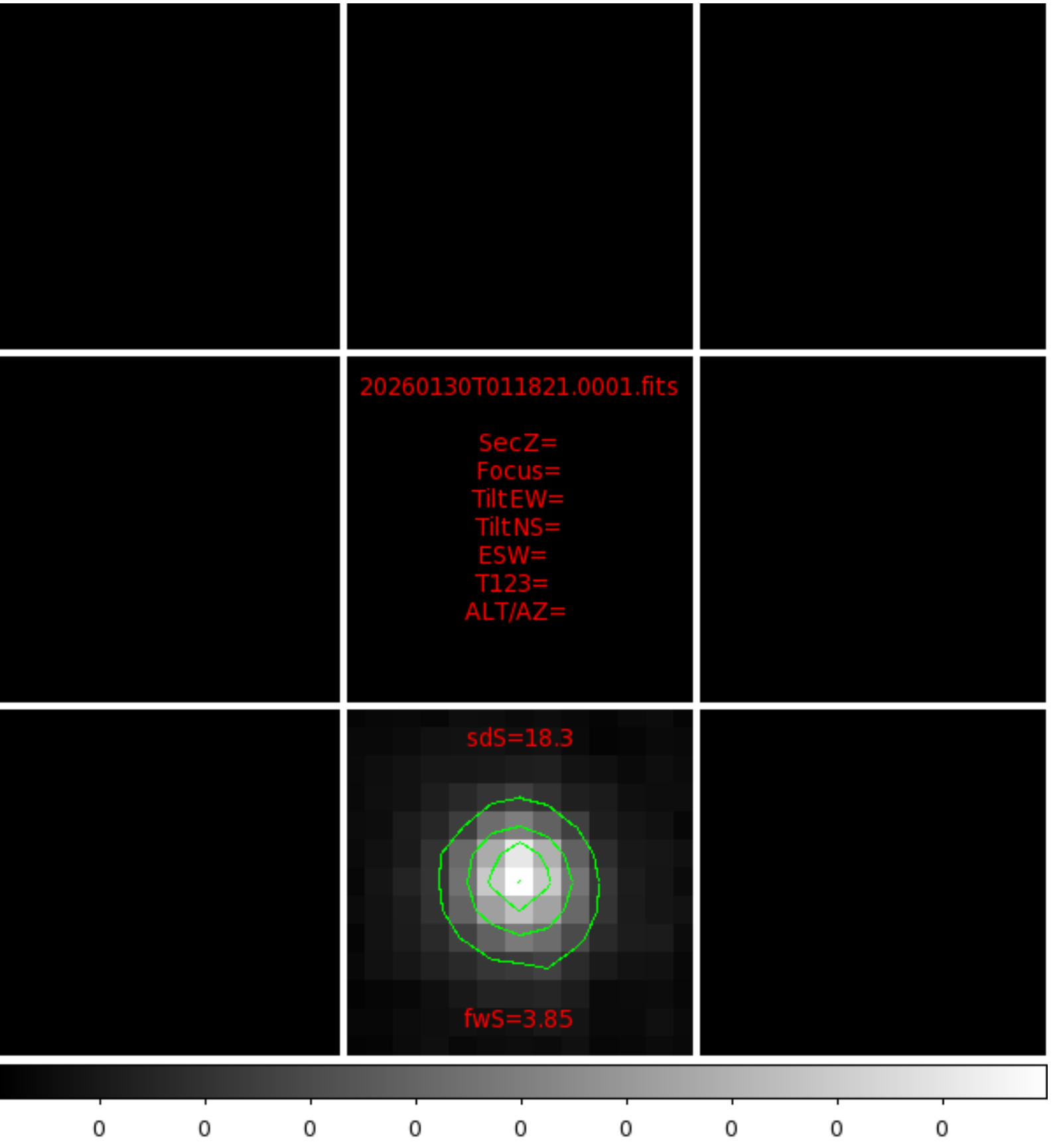

sdN=74.3
fwN=3.66
sdE=27.1
fwE=3.59
20260130T011153.0001.fits
SecZ=1.58
Focus=-6.945
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.815 -6.932 -5.089
T123=17.7 18.3 19.7
ALT/AZ=39.4 -146.7
fwAVG=3.57
sdW=18.5
fwW=3.53
sdS=92.1
fwS=3.48
0 0 0 0 0 0 0 0 0


sdN=130.4
fwN=3.57
sdE=41.5
fwE=3.39
20260130T011223.0001.fits
SecZ=1.58
Focus=-6.945
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.815 -6.932 -5.089
T123=17.7 18.3 19.7
ALT/AZ=39.3 -146.5
fwAVG=3.36
sdW=26.4
fwW=3.21
sdS=151.6
fwS=3.30
0 0 0 0 0 0 0 0 0


sdN=125.0
fwN=3.82
sdE=38.3
fwE=3.83
20260130T011403.0001.fits
SecZ=1.59
Focus=-6.945
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.815 -6.932 -5.089
T123=17.7 18.2 19.7
ALT/AZ=39.1 -146.1
fwAVG=3.69
sdW=24.9
fwW=3.48
sdS=135.5
fwS=3.64
0 0 0 0 0 0 0 0 0


sdN=145.4
fwN=3.69
sdE=43.0
fwE=3.80
20260130T011435.0001.fits
SecZ=1.59
Focus=-6.945
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.815 -6.932 -5.089
T123=17.7 18.2 19.6
ALT/AZ=39.0 -145.9
fwAVG=3.72
sdW=27.4
fwW=3.76
sdS=144.9
fwS=3.64
0 0 0 0 0 0 0 0 0


sdN=82.2
fwN=3.75
sdE=23.3
fwE=3.57
20260130T011612.0001.fits
SecZ=1.75
Focus=-6.938
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.808 -6.925 -5.082
T123=17.7 18.2 19.6
ALT/AZ=34.8 -145.7
fwAVG=3.60
sdW=19.6
fwW=3.60
sdS=83.5
fwS=3.49
0 0 0 0 0 0 0 0 0


20260130T011821.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=18.3
fwS=3.85
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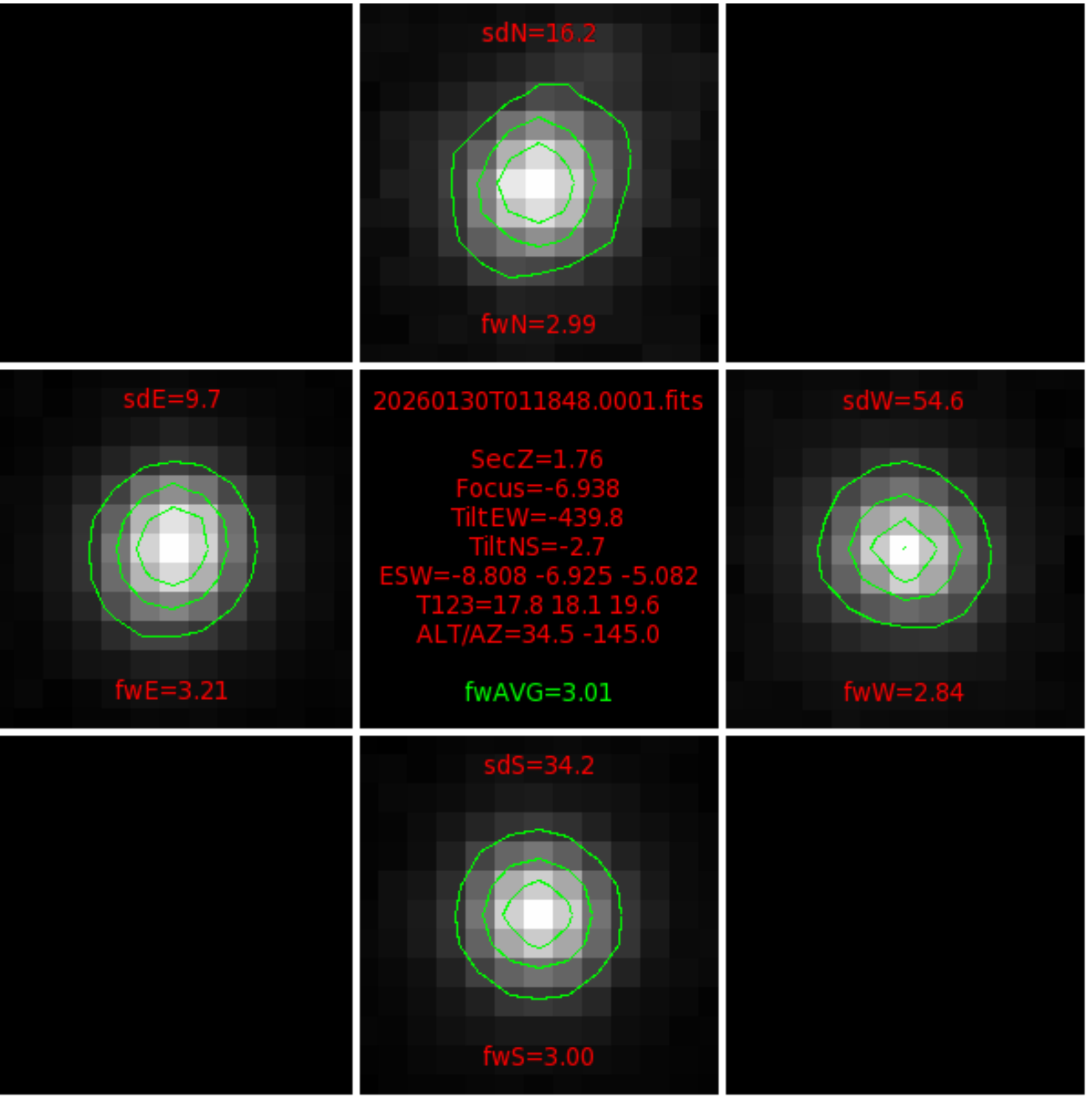
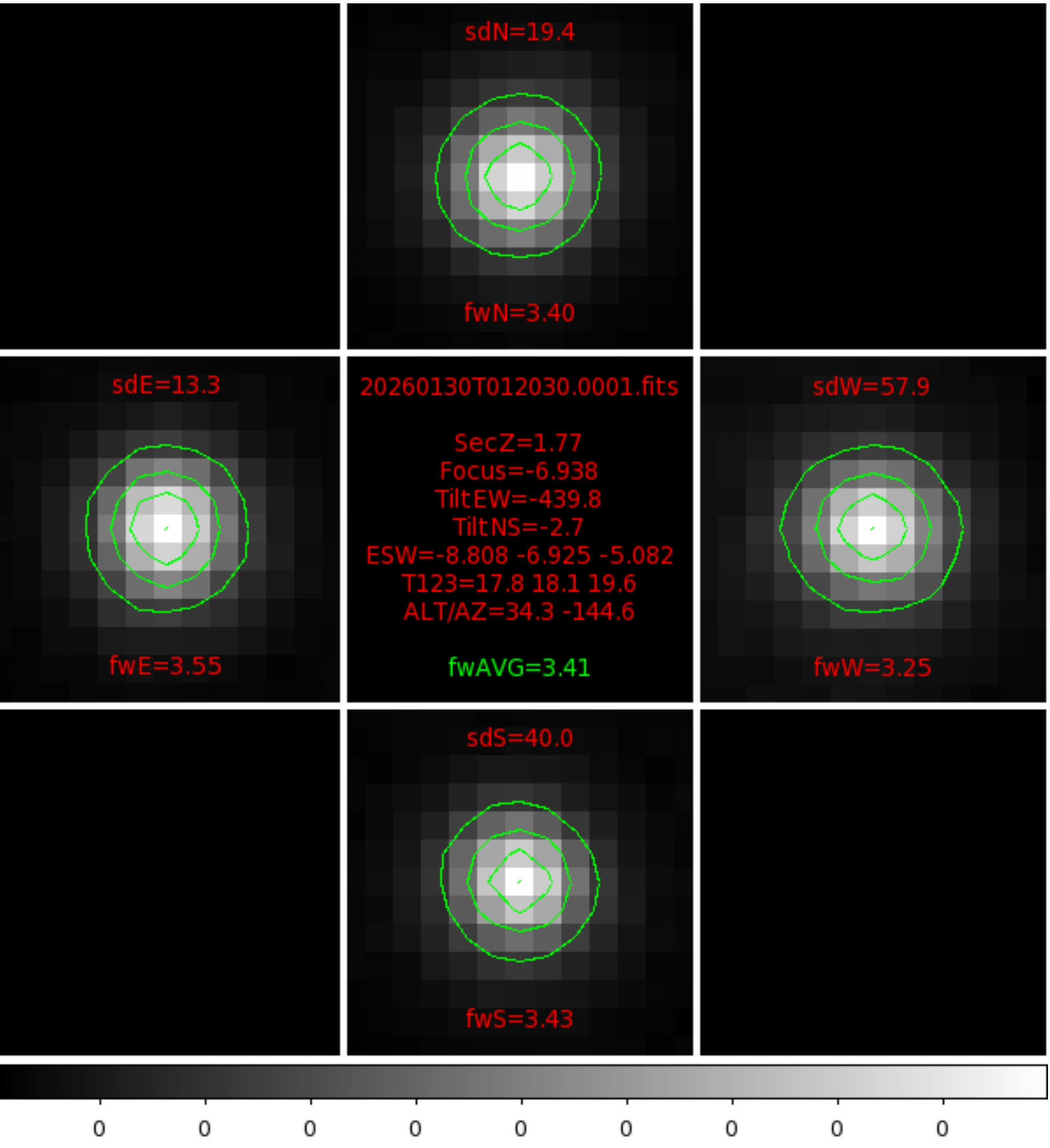
0
0
0
0
0
0
0
0


sdN=16.2
fwN=2.99
sdE=9.7
fwE=3.21
20260130T011848.0001.fits
SecZ=1.76
Focus=-6.938
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.808 -6.925 -5.082
T123=17.8 18.1 19.6
ALT/AZ=34.5 -145.0
fwAVG=3.01
sdW=54.6
fwW=2.84
sdS=34.2
fwS=3.00
0 0 0 0 0 0 0 0 0


sdN=19.4
fwN=3.40
sdE=13.3
fwE=3.55
20260130T012030.0001.fits
SecZ=1.77
Focus=-6.938
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.808 -6.925 -5.082
T123=17.8 18.1 19.6
ALT/AZ=34.3 -144.6
fwAVG=3.41
sdW=57.9
fwW=3.25
sdS=40.0
fwS=3.43
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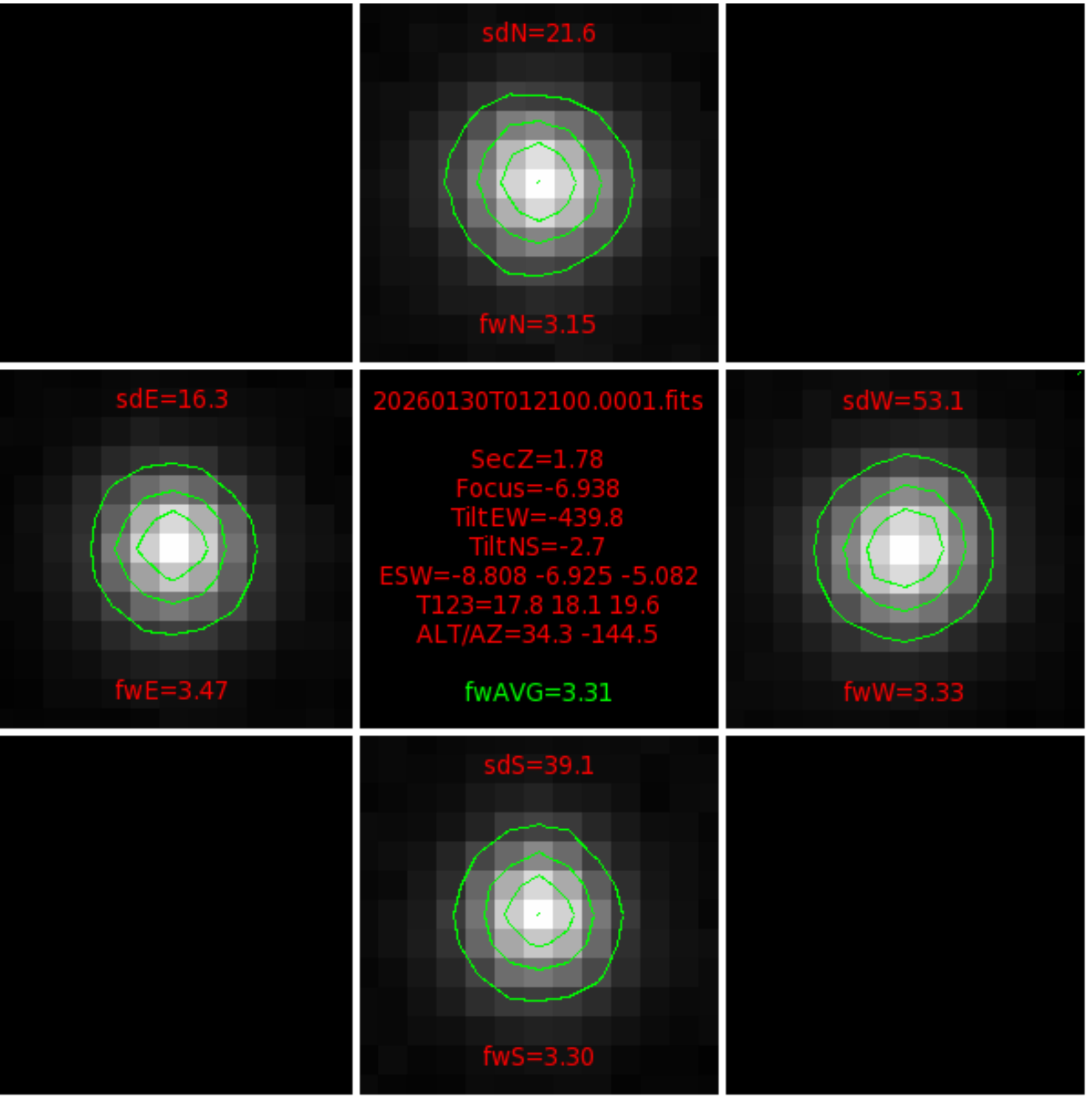
sdN=21.6
fwN=3.15
sdE=16.3
fwE=3.47
20260130T012100.0001.fits
SecZ=1.78
Focus=-6.938
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.808 -6.925 -5.082
T123=17.8 18.1 19.6
ALT/AZ=34.3 -144.5
fwAVG=3.31
sdW=53.1
fwW=3.33
sdS=39.1
fwS=3.30
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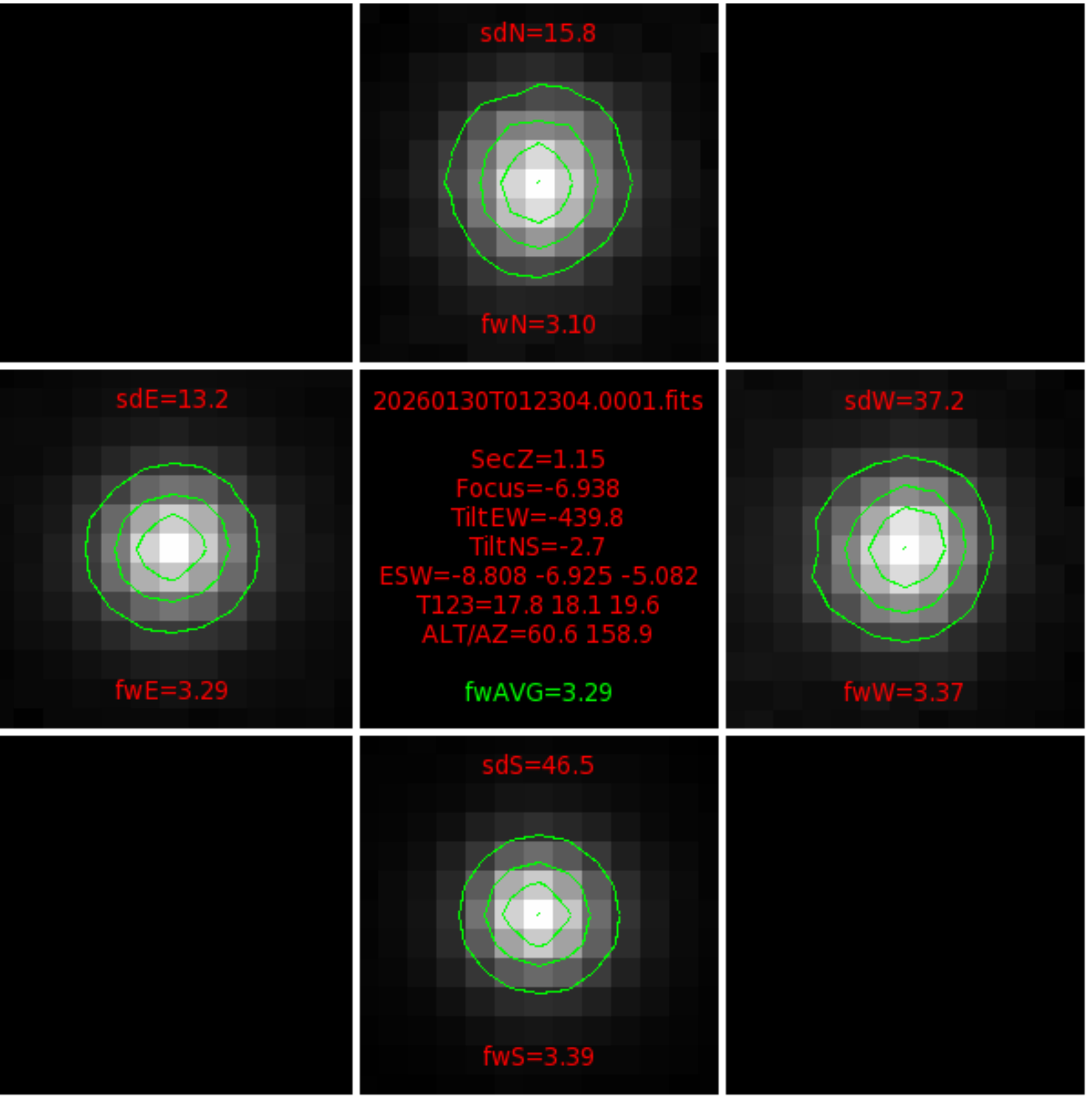
sdN=15.8
fwN=3.10
sdE=13.2
fwE=3.29
20260130T012304.0001.fits
SecZ=1.15
Focus=-6.938
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.808 -6.925 -5.082
T123=17.8 18.1 19.6
ALT/AZ=60.6 158.9
fwAVG=3.29
sdW=37.2
fwW=3.37
sdS=46.5
fwS=3.39
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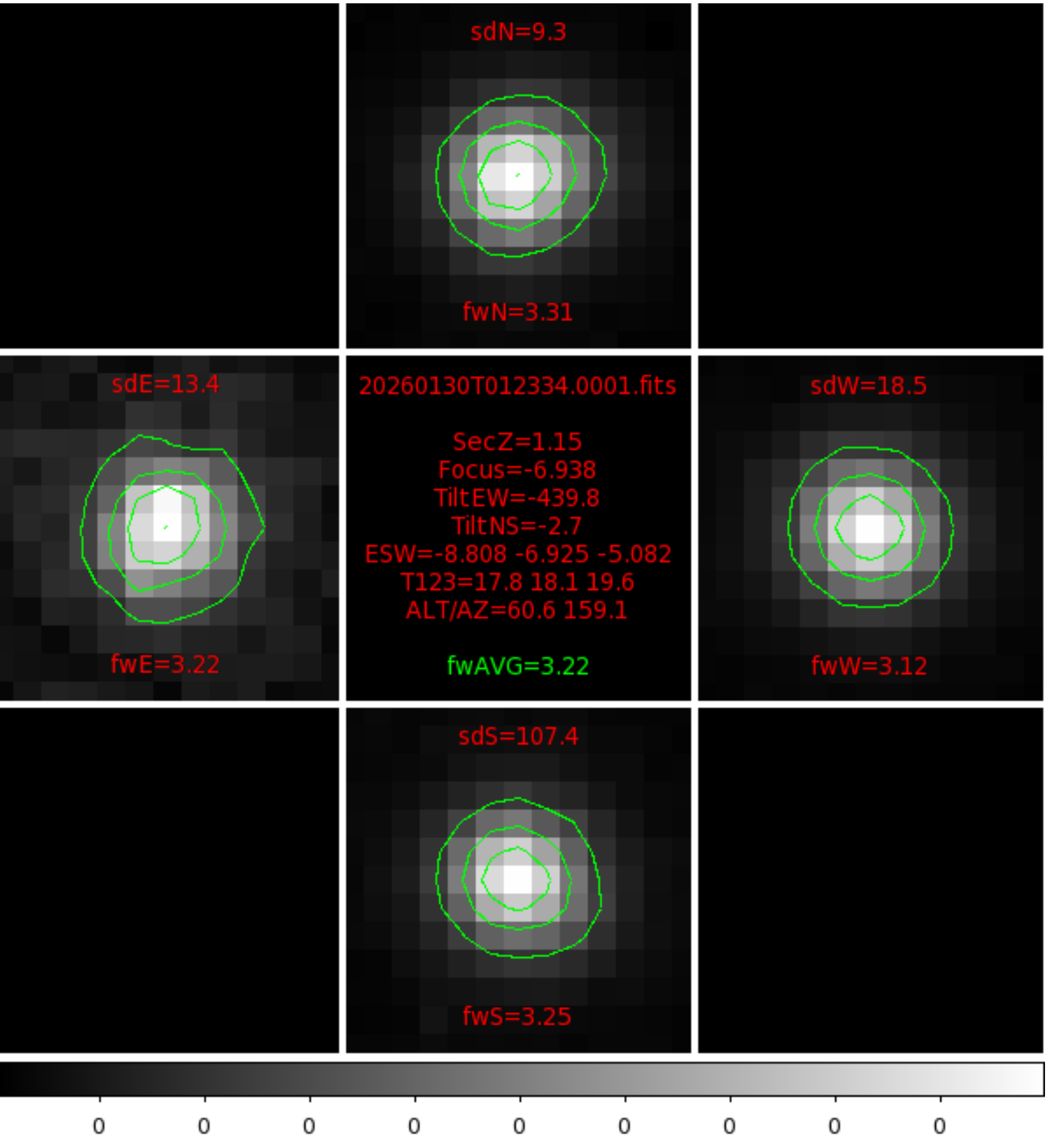
sdN=9.3
fwN=3.31
sdE=13.4
fwE=3.22
20260130T012334.0001.fits
SecZ=1.15
Focus=-6.938
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.808 -6.925 -5.082
T123=17.8 18.1 19.6
ALT/AZ=60.6 159.1
fwAVG=3.22
sdW=18.5
fwW=3.12
sdS=107.4
fwS=3.25
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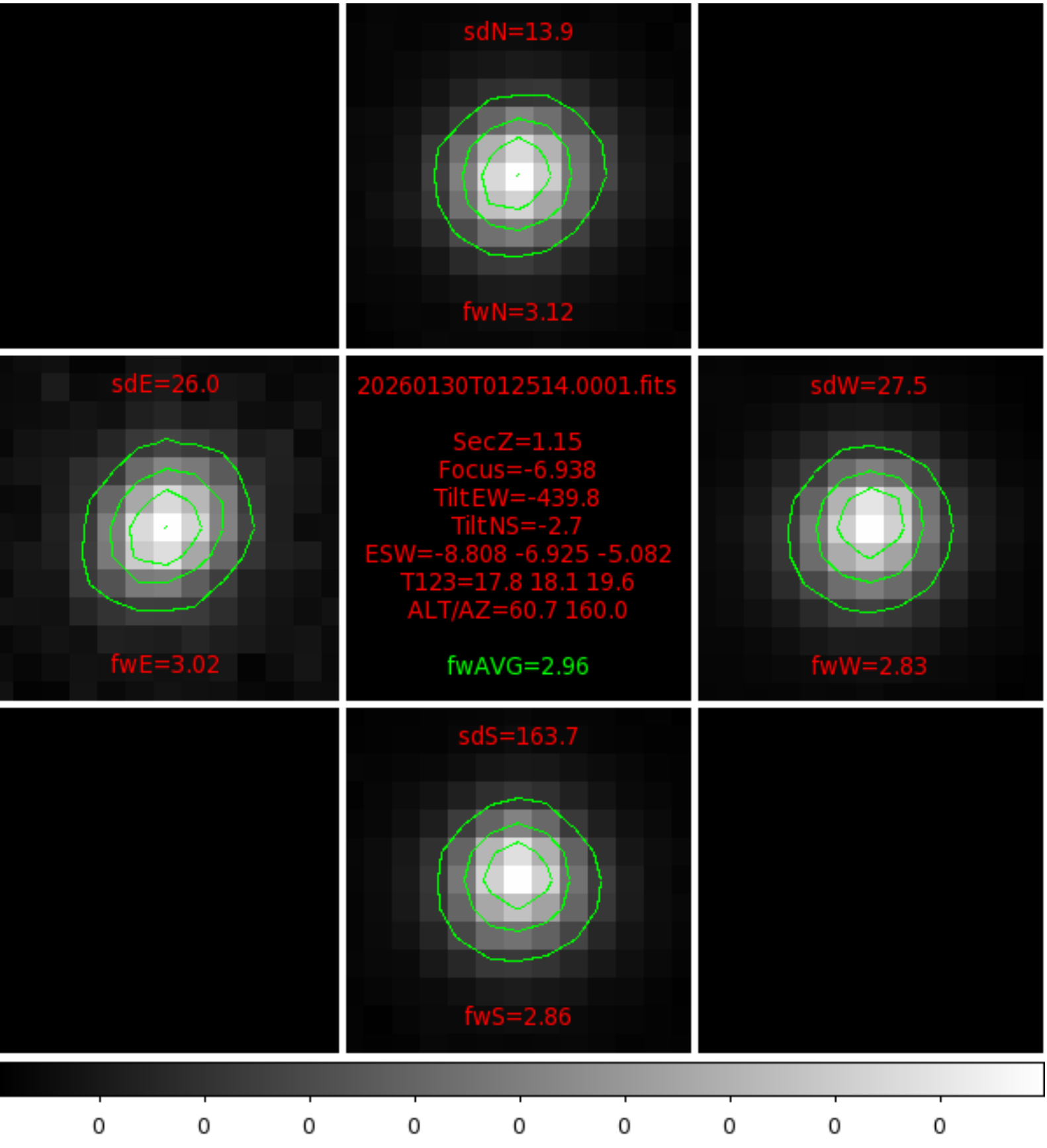
sdN=13.9
fwN=3.12
sdE=26.0
fwE=3.02
20260130T012514.0001.fits
SecZ=1.15
Focus=-6.938
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.808 -6.925 -5.082
T123=17.8 18.1 19.6
ALT/AZ=60.7 160.0
fwAVG=2.96
sdW=27.5
fwW=2.83
sdS=163.7
fwS=2.86
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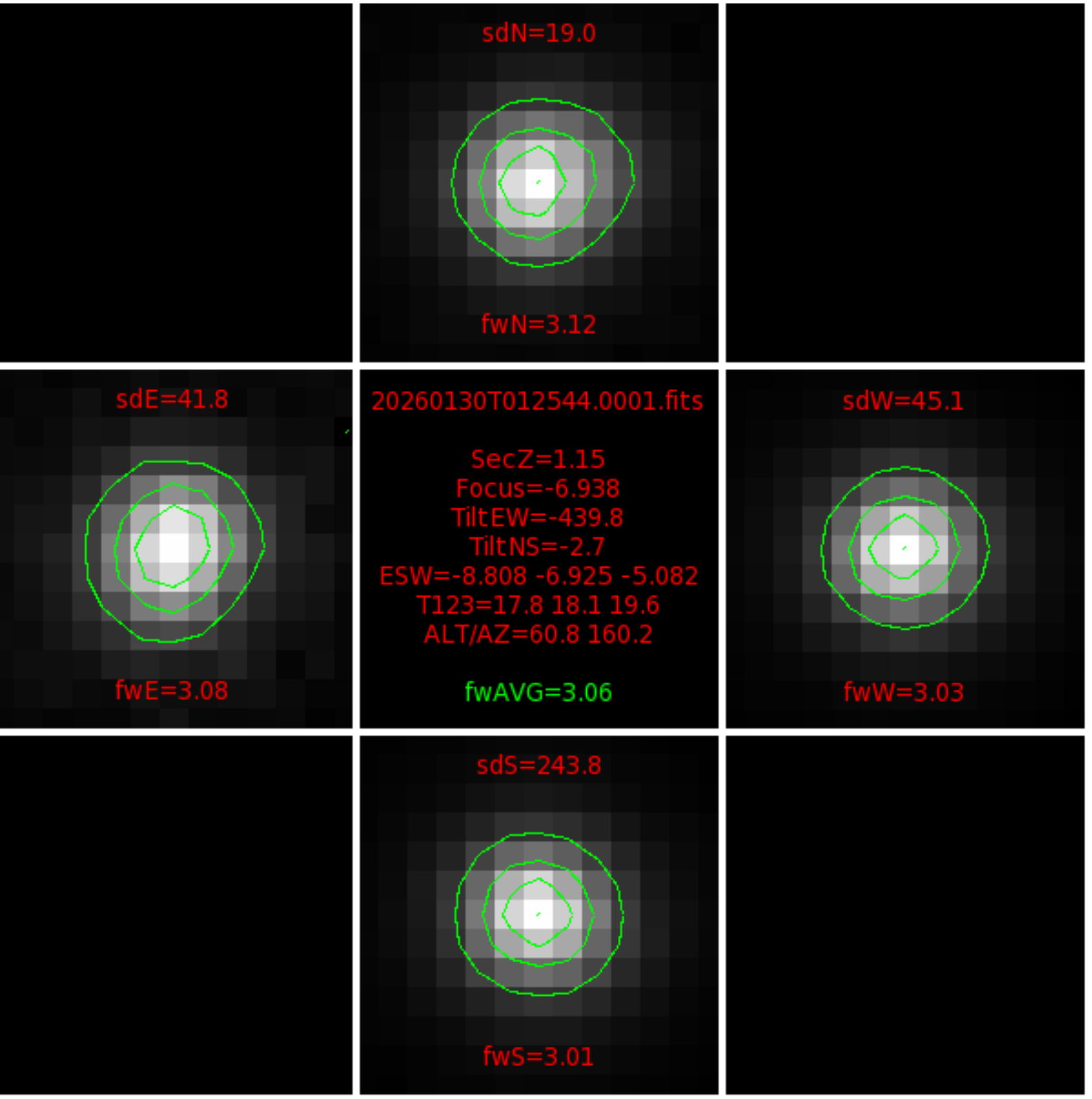
sdN=19.0
fwN=3.12
sdE=41.8
fwE=3.08
20260130T012544.0001.fits
SecZ=1.15
Focus=-6.938
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.808 -6.925 -5.082
T123=17.8 18.1 19.6
ALT/AZ=60.8 160.2
fwAVG=3.06
sdW=45.1
fwW=3.03
sdS=243.8
fwS=3.01
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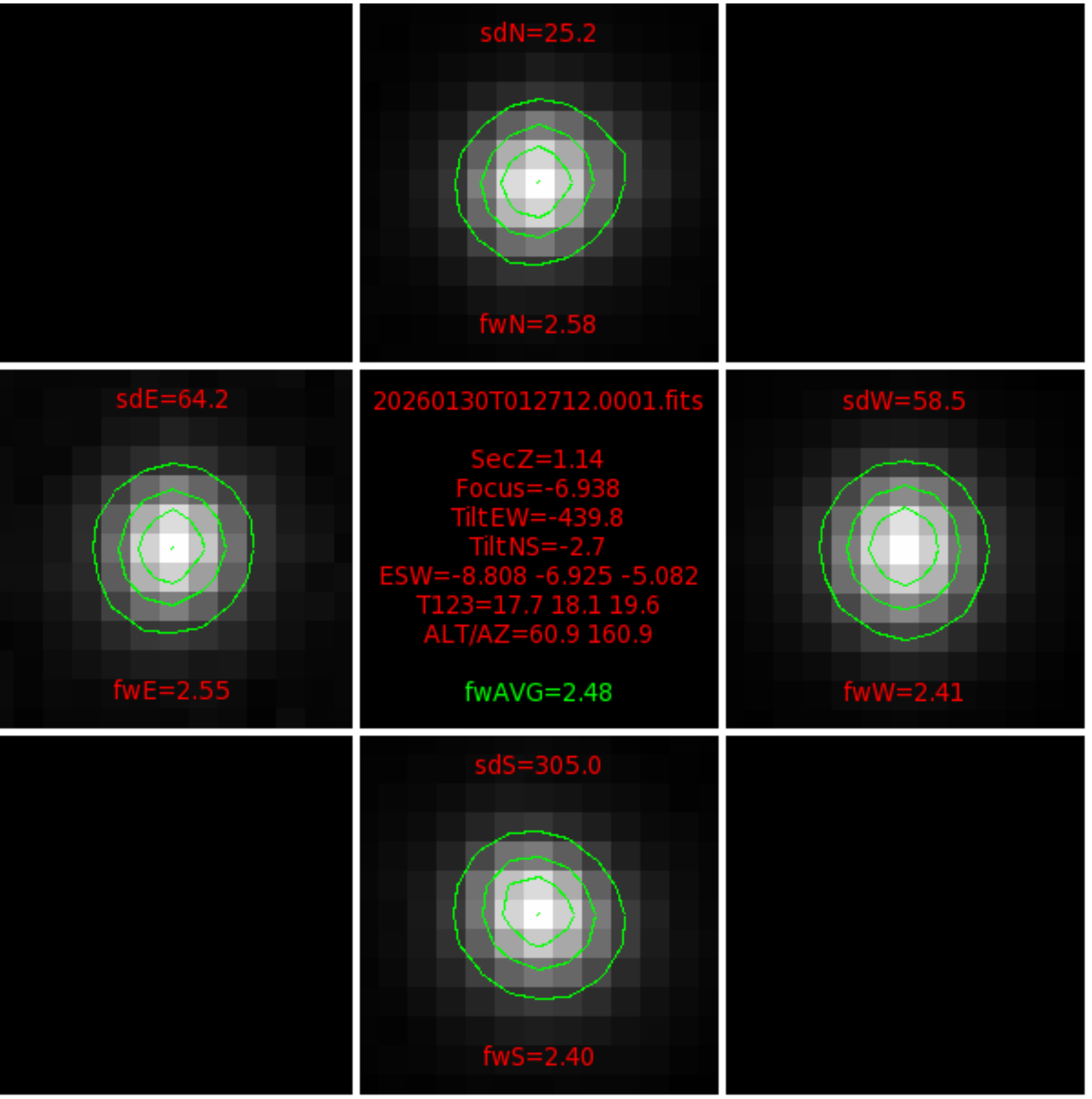
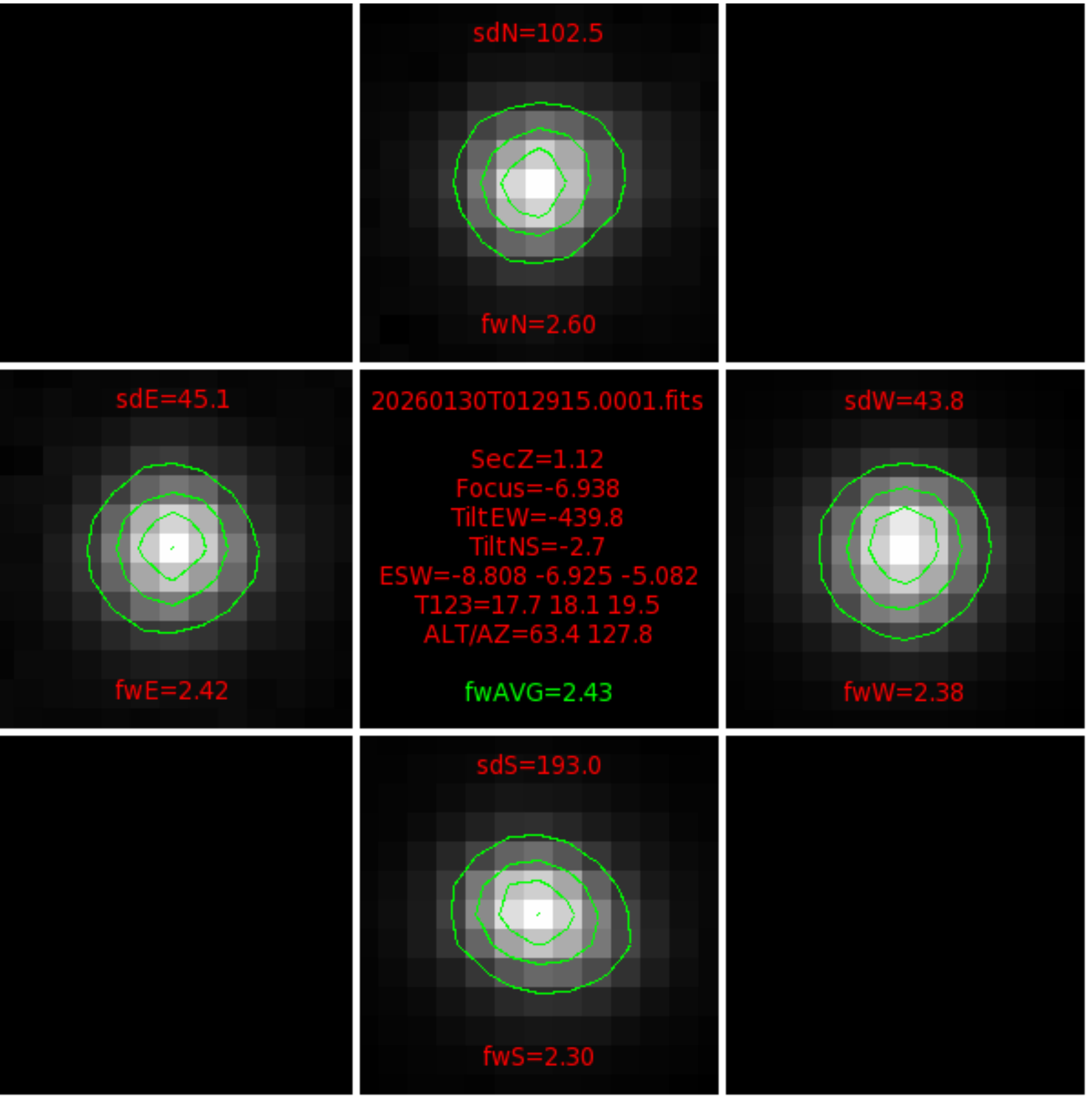
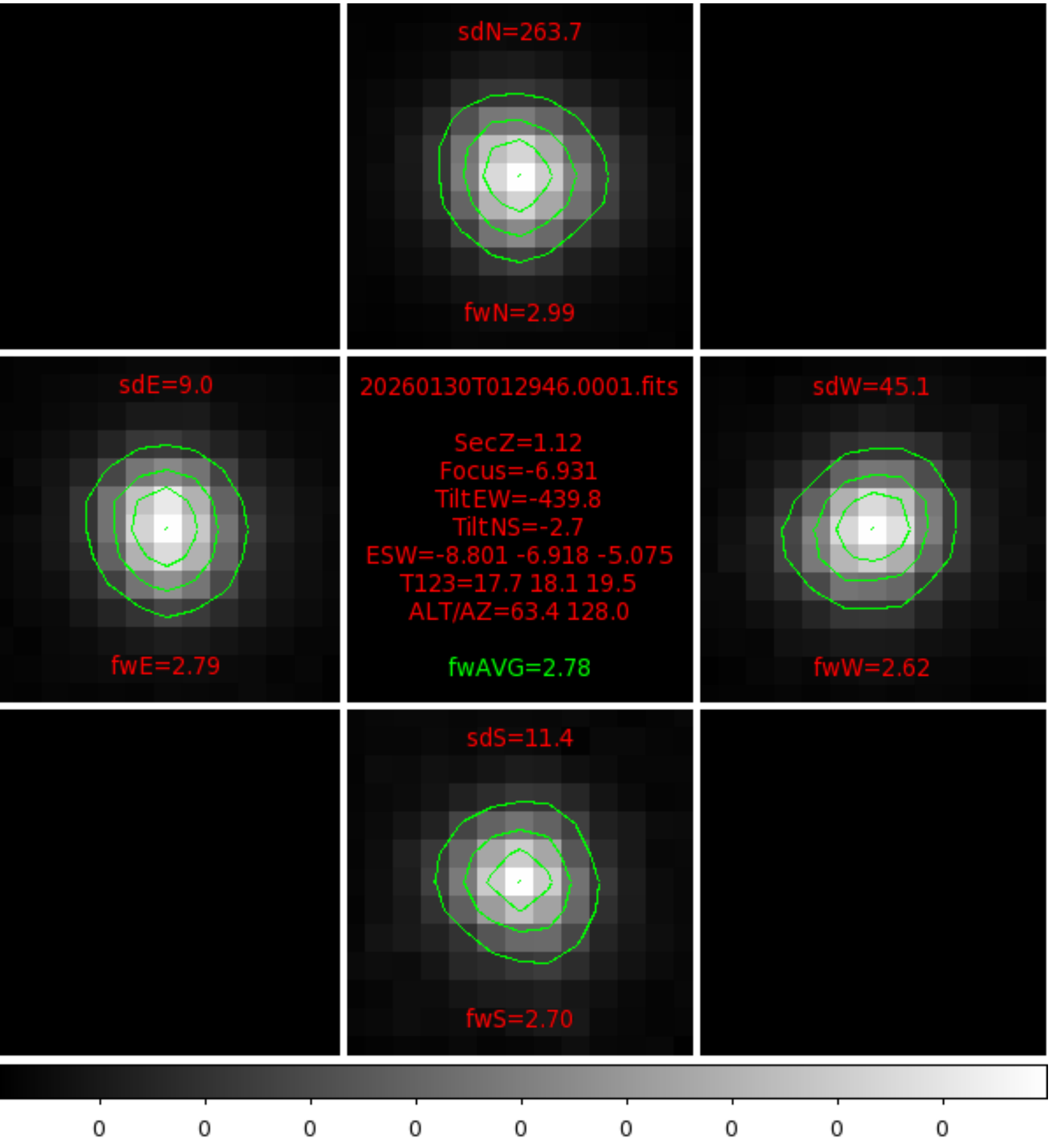
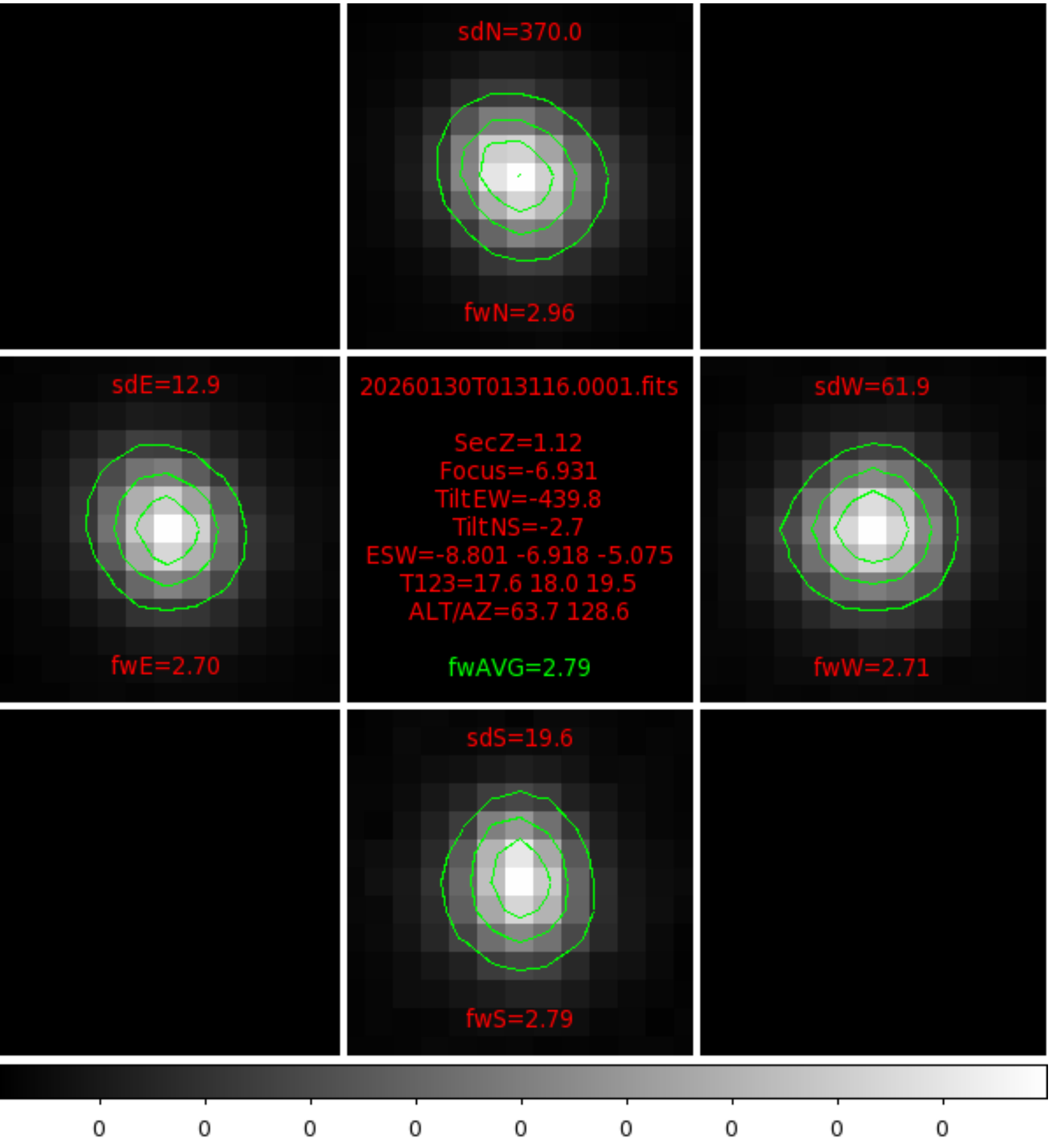

sdN=25.2
fwN=2.58
sdE=64.2
fwE=2.55
20260130T012712.0001.fits
SecZ=1.14
Focus=-6.938
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.808 -6.925 -5.082
T123=17.7 18.1 19.6
ALT/AZ=60.9 160.9
fwAVG=2.48
sdW=58.5
fwW=2.41
sdS=305.0
fwS=2.40
0 0 0 0 0 0 0 0 0


sdN=102.5
fwN=2.60
sdE=45.1
fwE=2.42
20260130T012915.0001.fits
SecZ=1.12
Focus=-6.938
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.808 -6.925 -5.082
T123=17.7 18.1 19.5
ALT/AZ=63.4 127.8
fwAVG=2.43
sdW=43.8
fwW=2.38
sdS=193.0
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=263.7
fwN=2.99
sdE=9.0
fwE=2.79
20260130T012946.0001.fits
SecZ=1.12
Focus=-6.931
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.801 -6.918 -5.075
T123=17.7 18.1 19.5
ALT/AZ=63.4 128.0
fwAVG=2.78
sdW=45.1
fwW=2.62
sdS=11.4
fwS=2.70
0 0 0 0 0 0 0 0 0


sdN=370.0
fwN=2.96
sdE=12.9
fwE=2.70
20260130T013116.0001.fits
SecZ=1.12
Focus=-6.931
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.801 -6.918 -5.075
T123=17.6 18.0 19.5
ALT/AZ=63.7 128.6
fwAVG=2.79
sdW=61.9
fwW=2.71
sdS=19.6
fwS=2.79
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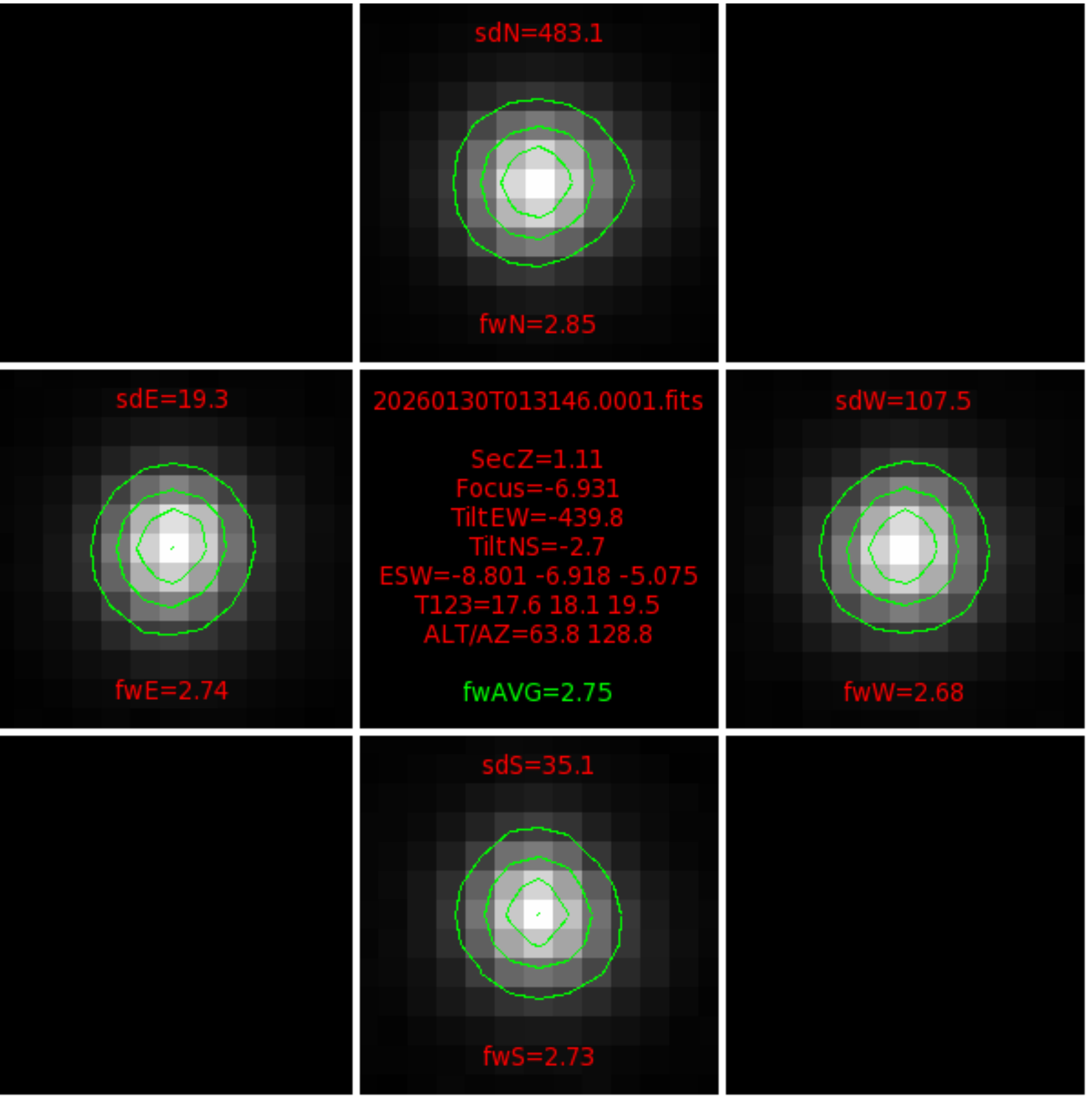
sdN=483.1
fwN=2.85
sdE=19.3
fwE=2.74
20260130T013146.0001.fits
SecZ=1.11
Focus=-6.931
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.801 -6.918 -5.075
T123=17.6 18.1 19.5
ALT/AZ=63.8 128.8
fwAVG=2.75
sdW=107.5
fwW=2.68
sdS=35.1
fwS=2.73
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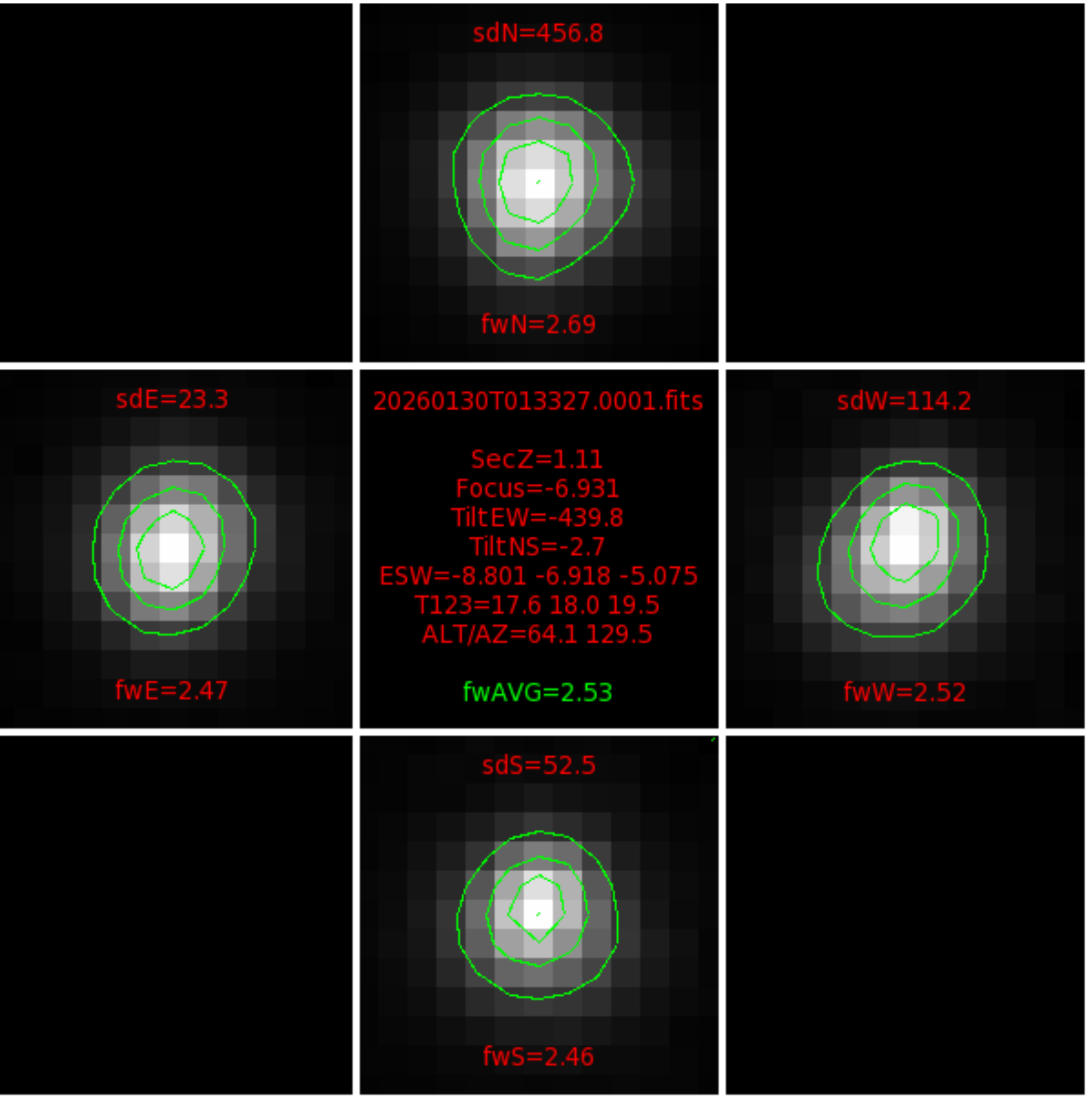
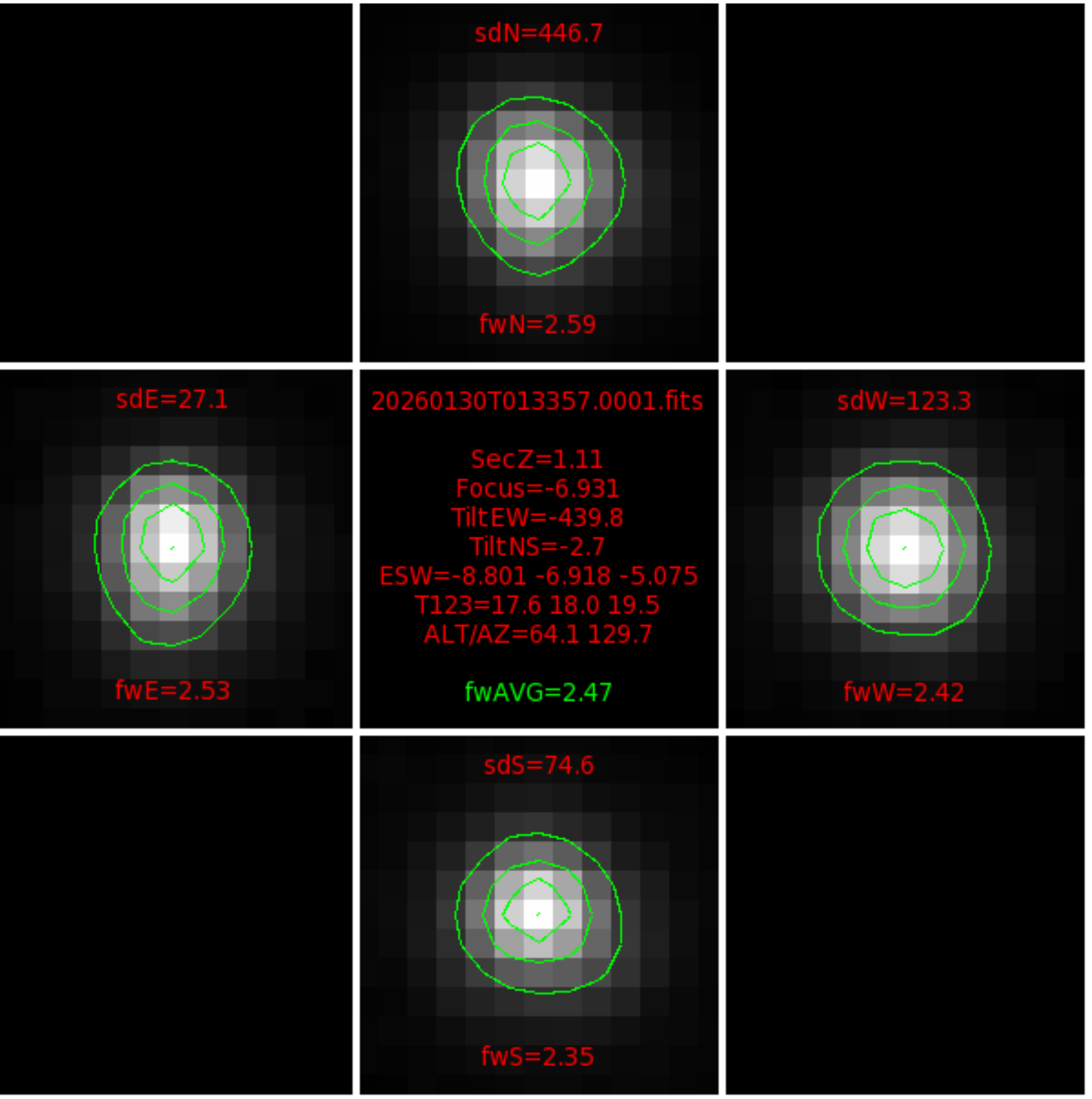
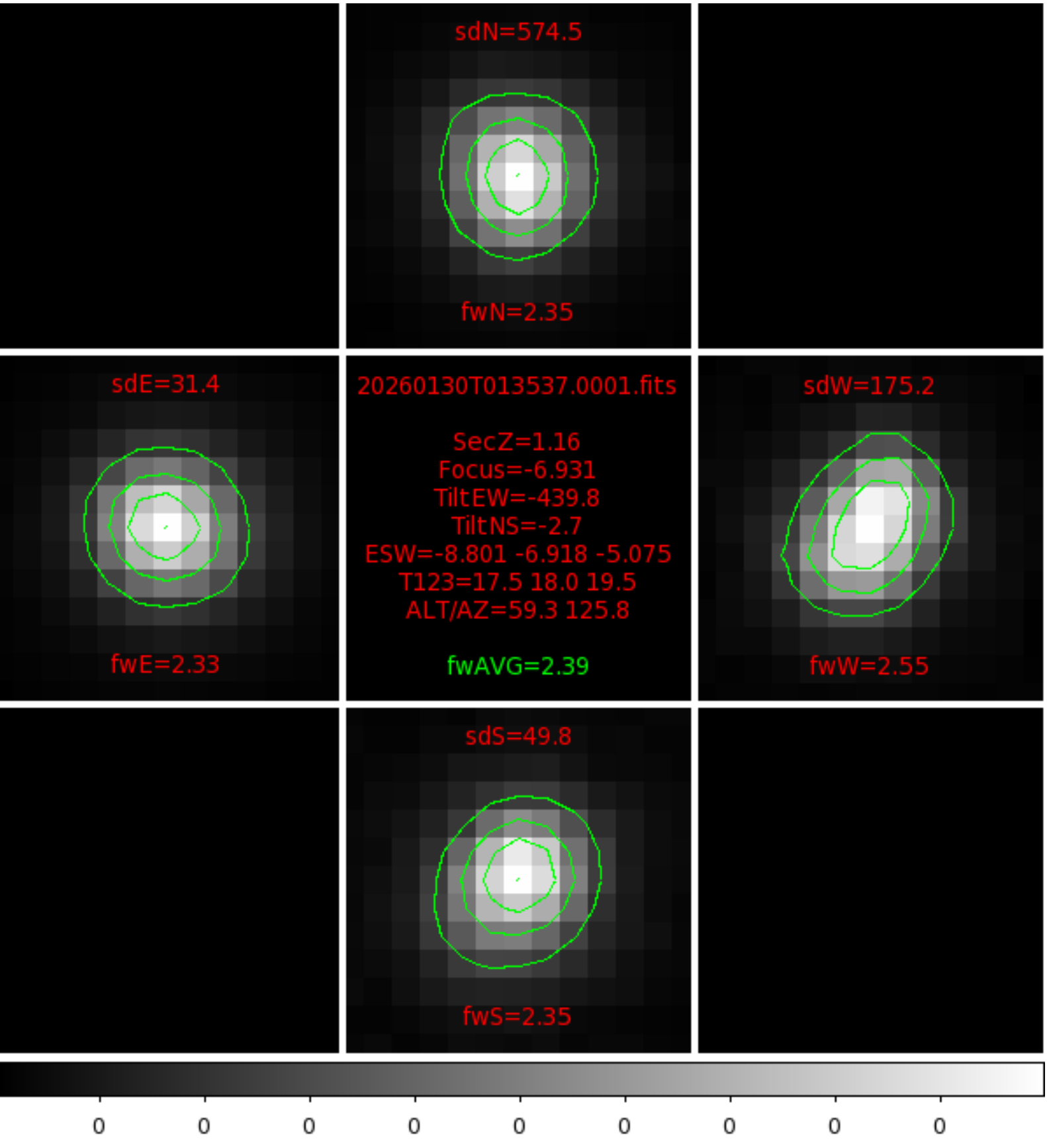
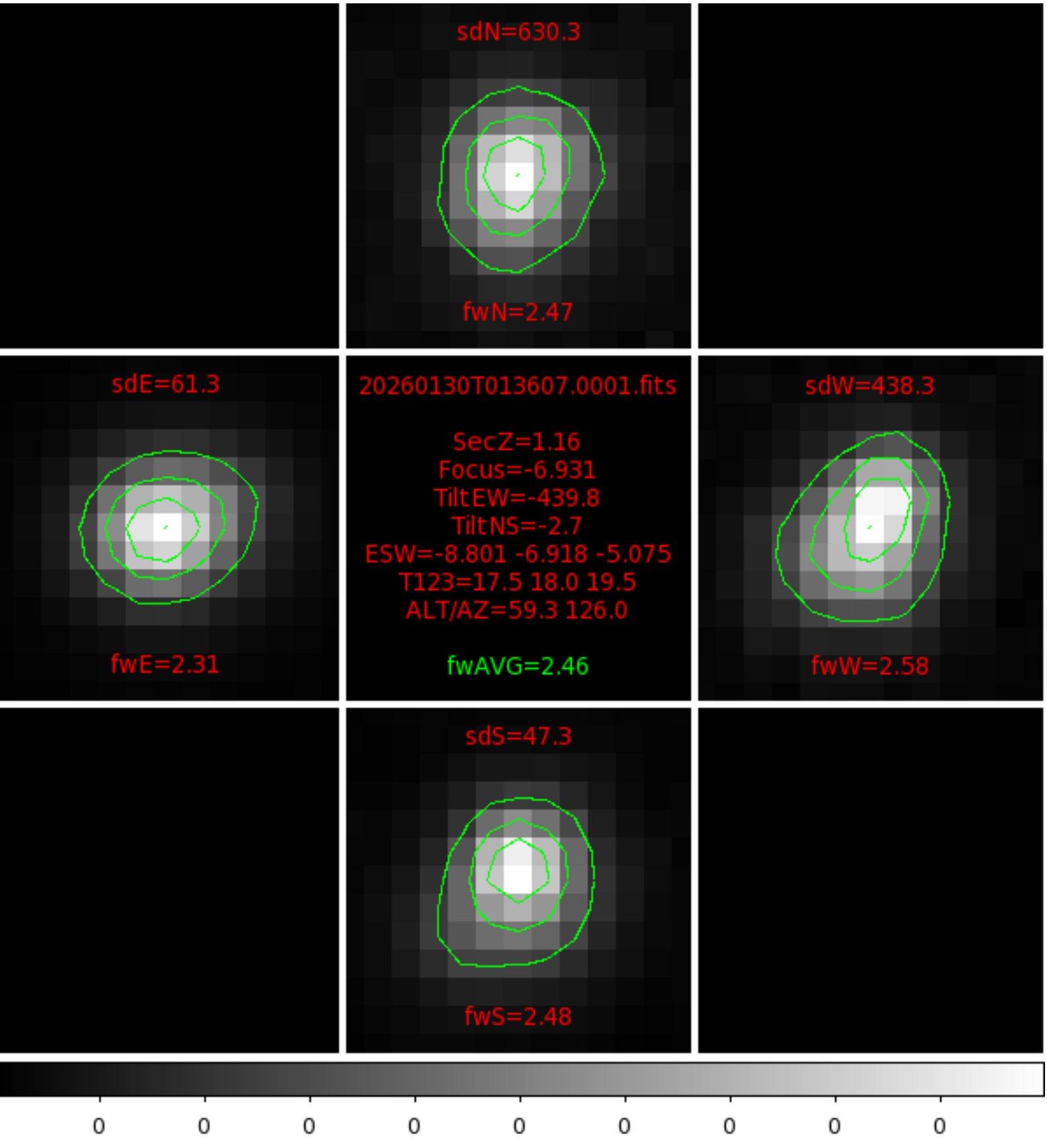
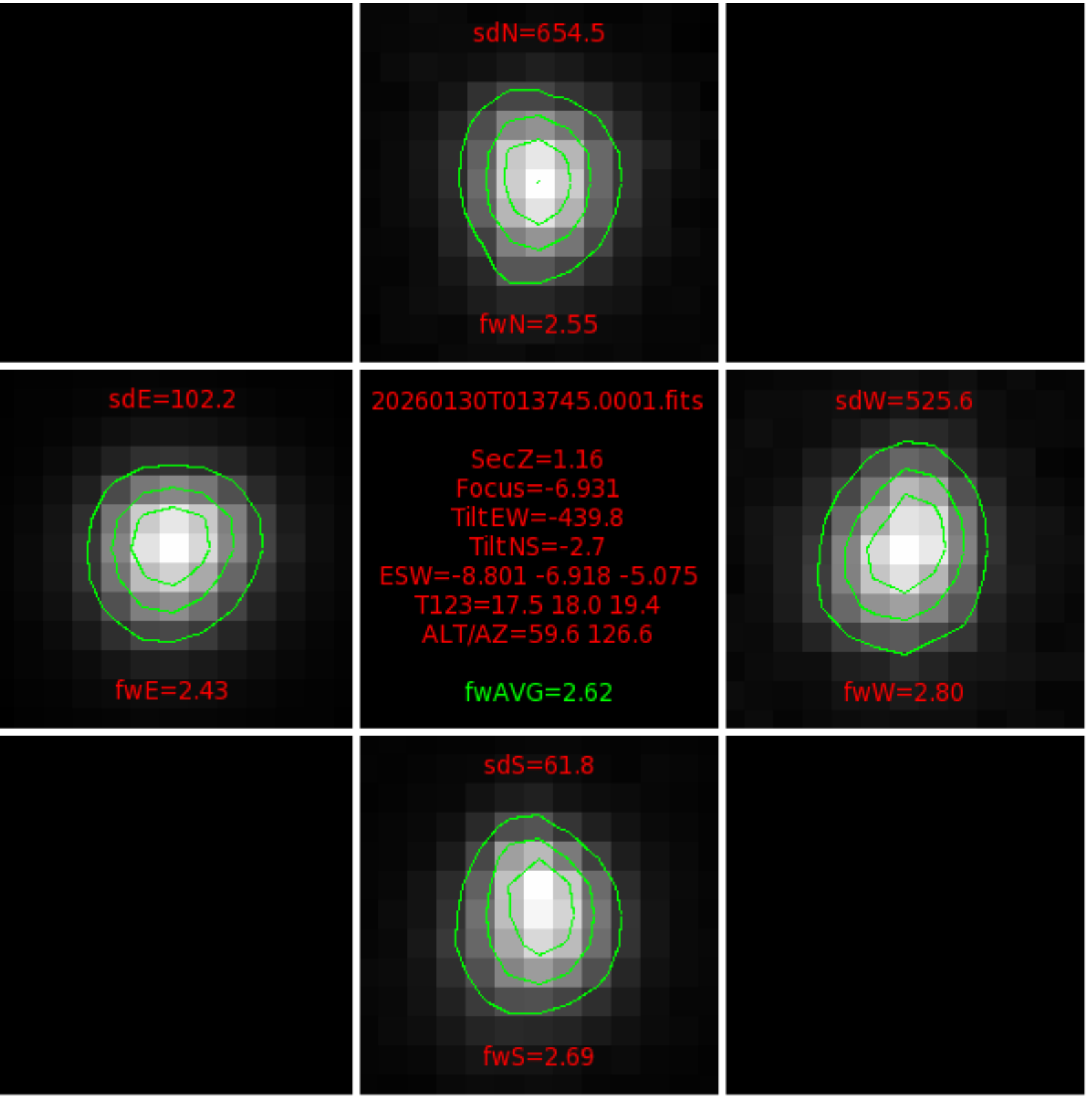
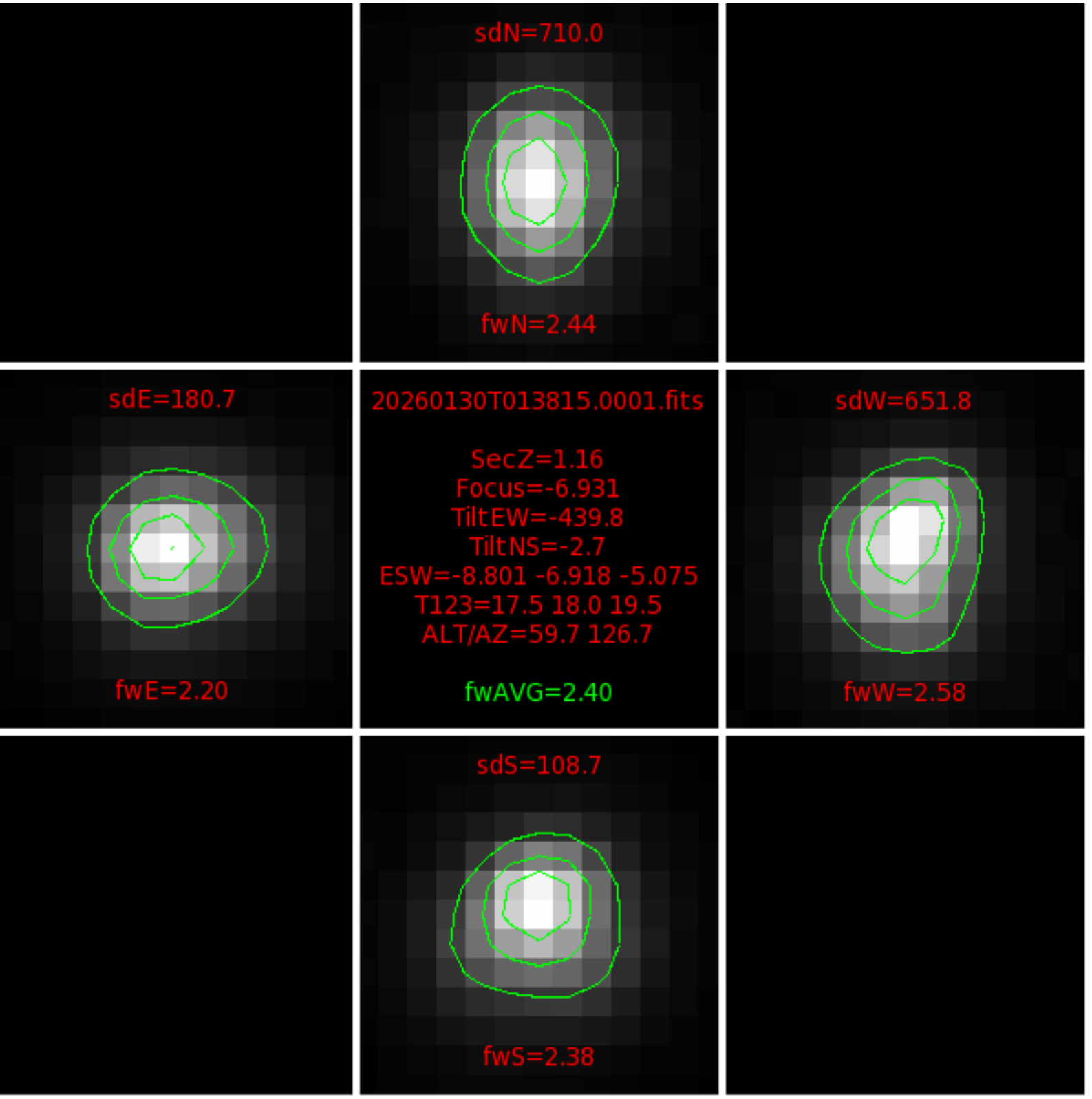

sdN=456.8
fwN=2.69
sdE=23.3
fwE=2.47
20260130T013327.0001.fits
SecZ=1.11
Focus=-6.931
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.801 -6.918 -5.075
T123=17.6 18.0 19.5
ALT/AZ=64.1 129.5
fwAVG=2.53
sdW=114.2
fwW=2.52
sdS=52.5
fwS=2.46
0 0 0 0 0 0 0 0 0

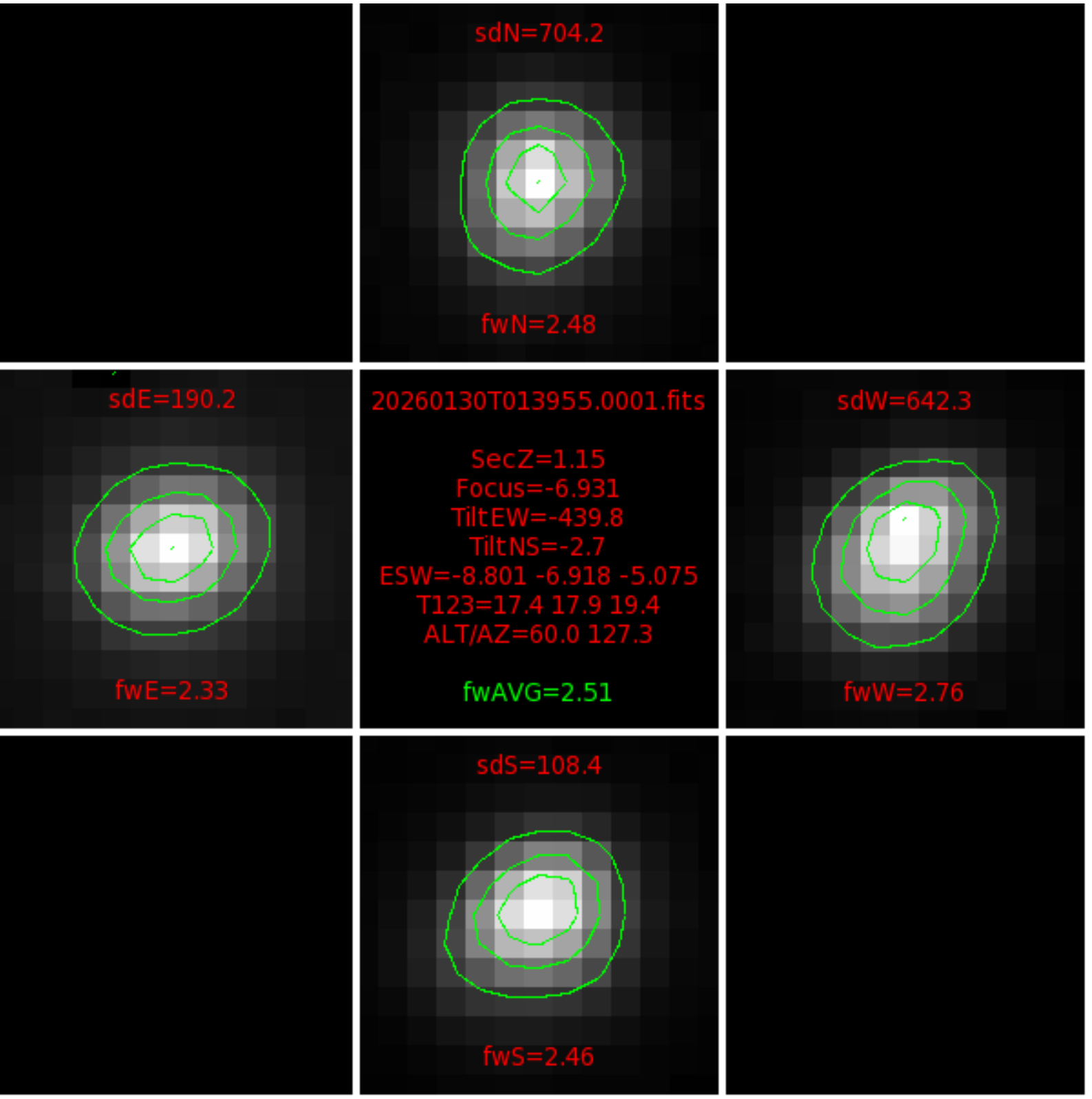

sdN=446.7
fwN=2.59
sdE=27.1
fwE=2.53
20260130T013357.0001.fits
SecZ=1.11
Focus=-6.931
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.801 -6.918 -5.075
T123=17.6 18.0 19.5
ALT/AZ=64.1 129.7
fwAVG=2.47
sdW=123.3
fwW=2.42
sdS=74.6
fwS=2.35
0 0 0 0 0 0 0 0 0

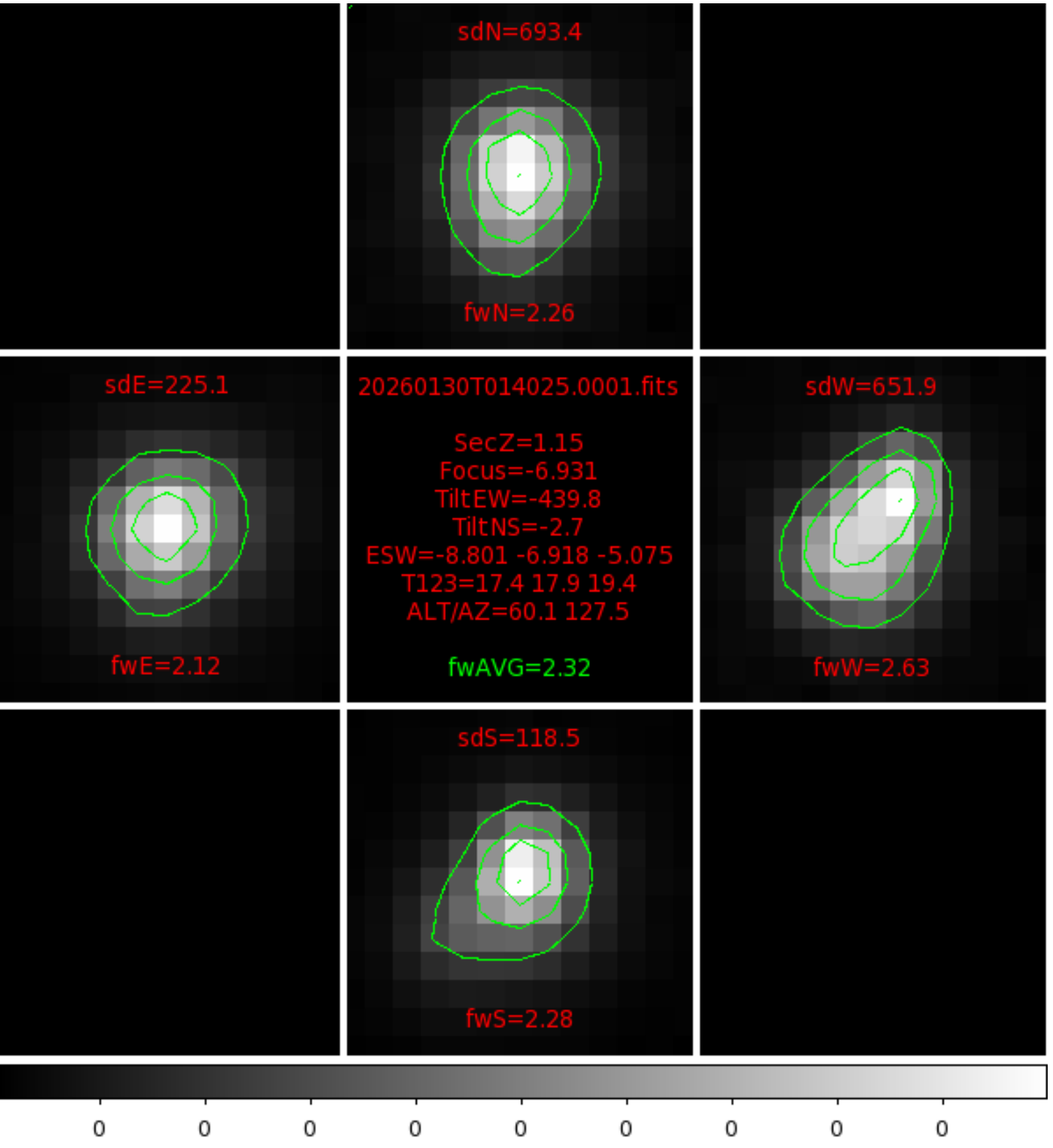

sdN=574.5
fwN=2.35
sdE=31.4
fwE=2.33
20260130T013537.0001.fits
SecZ=1.16
Focus=-6.931
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.801 -6.918 -5.075
T123=17.5 18.0 19.5
ALT/AZ=59.3 125.8
fwAVG=2.39
sdW=175.2
fwW=2.55
sdS=49.8
fwS=2.35
0 0 0 0 0 0 0 0 0

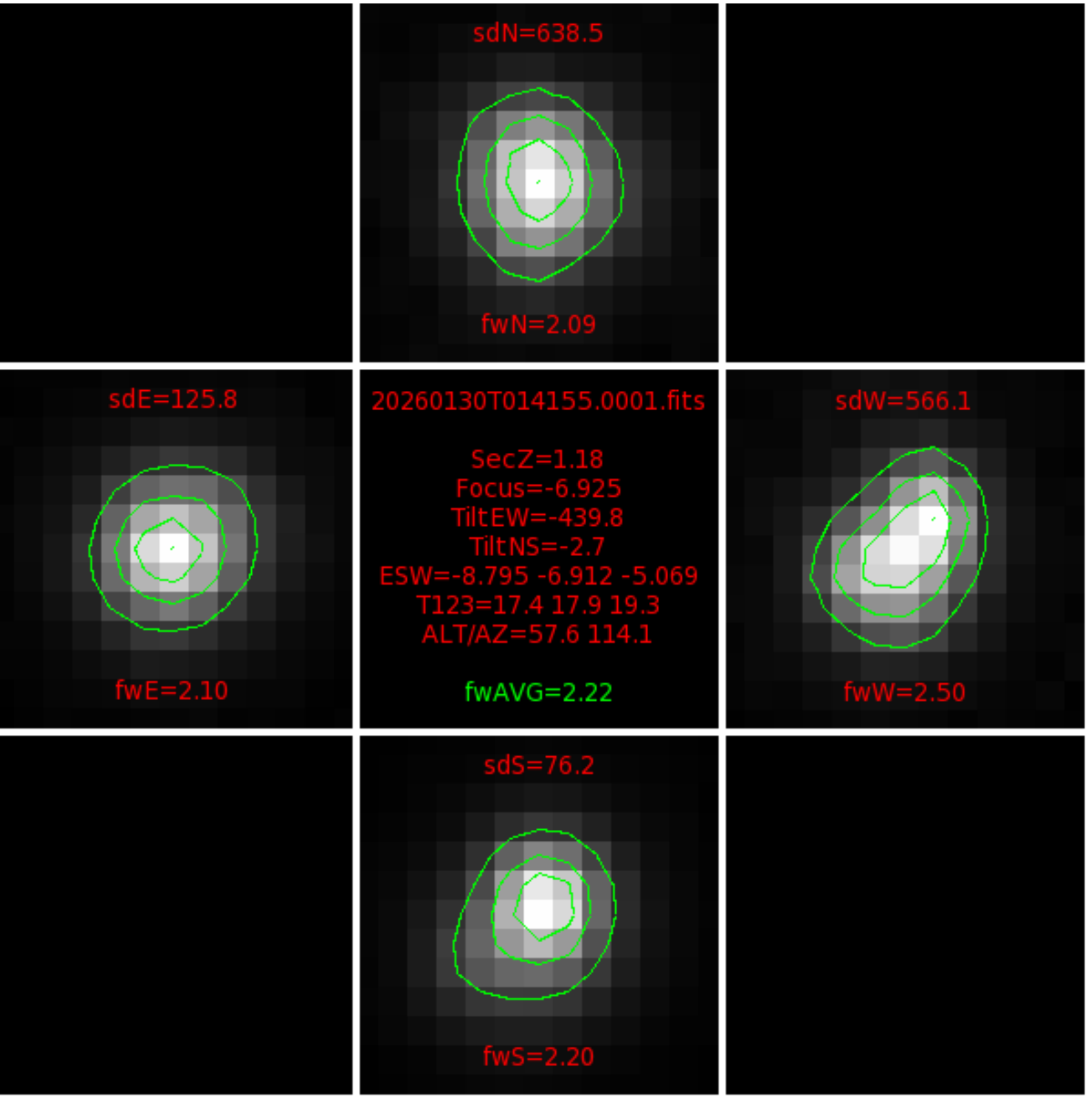

sdN=630.3
fwN=2.47
sdE=61.3
fwE=2.31
20260130T013607.0001.fits
SecZ=1.16
Focus=-6.931
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.801 -6.918 -5.075
T123=17.5 18.0 19.5
ALT/AZ=59.3 126.0
fwAVG=2.46
sdW=438.3
fwW=2.58
sdS=47.3
fwS=2.48
0 0 0 0 0 0 0 0 0

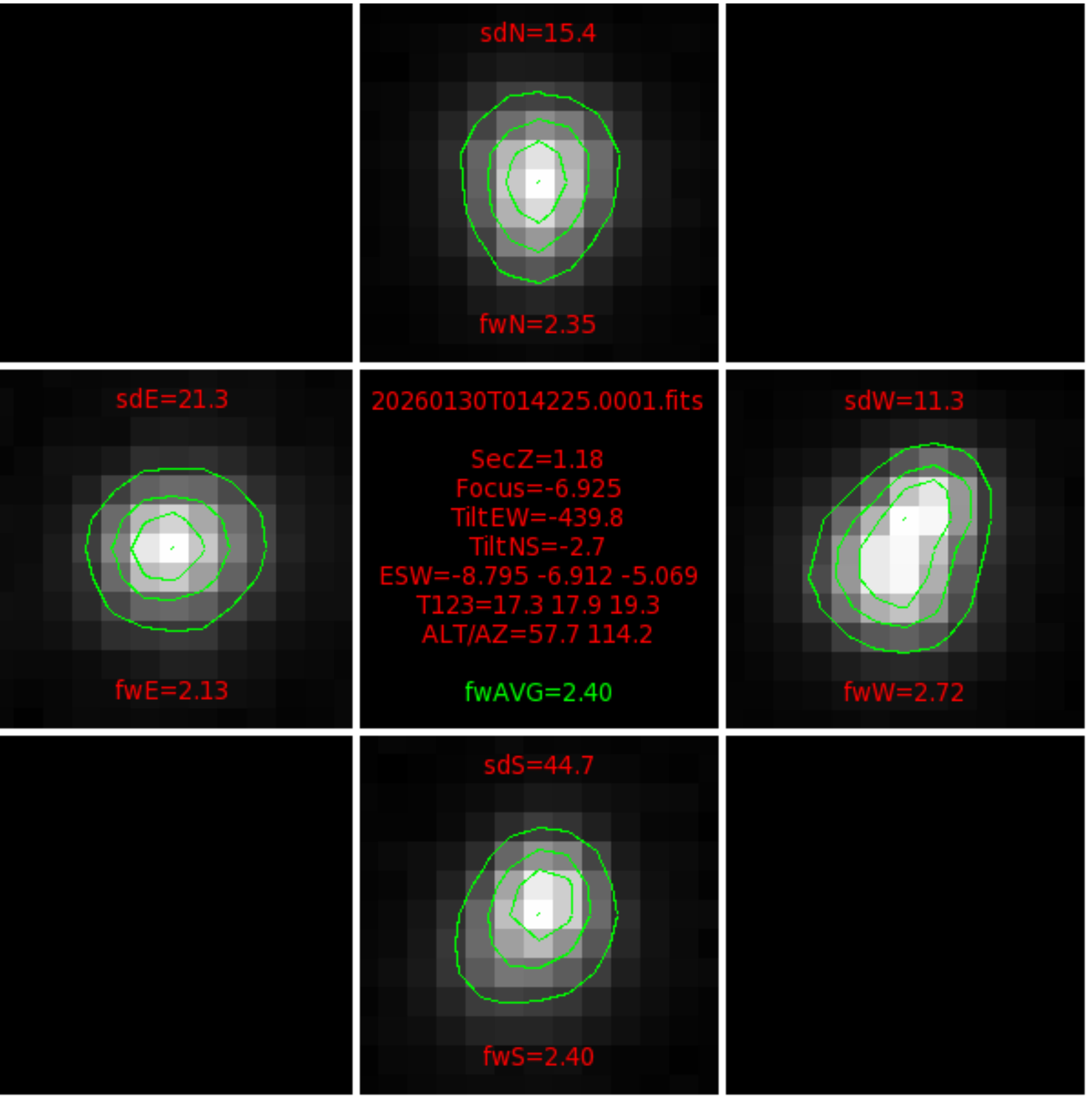

sdN=654.5
fwN=2.55
sdE=102.2
fwE=2.43
20260130T013745.0001.fits
SecZ=1.16
Focus=-6.931
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.801 -6.918 -5.075
T123=17.5 18.0 19.4
ALT/AZ=59.6 126.6
fwAVG=2.62
sdW=525.6
fwW=2.80
sdS=61.8
fwS=2.69
0 0 0 0 0 0 0 0 0

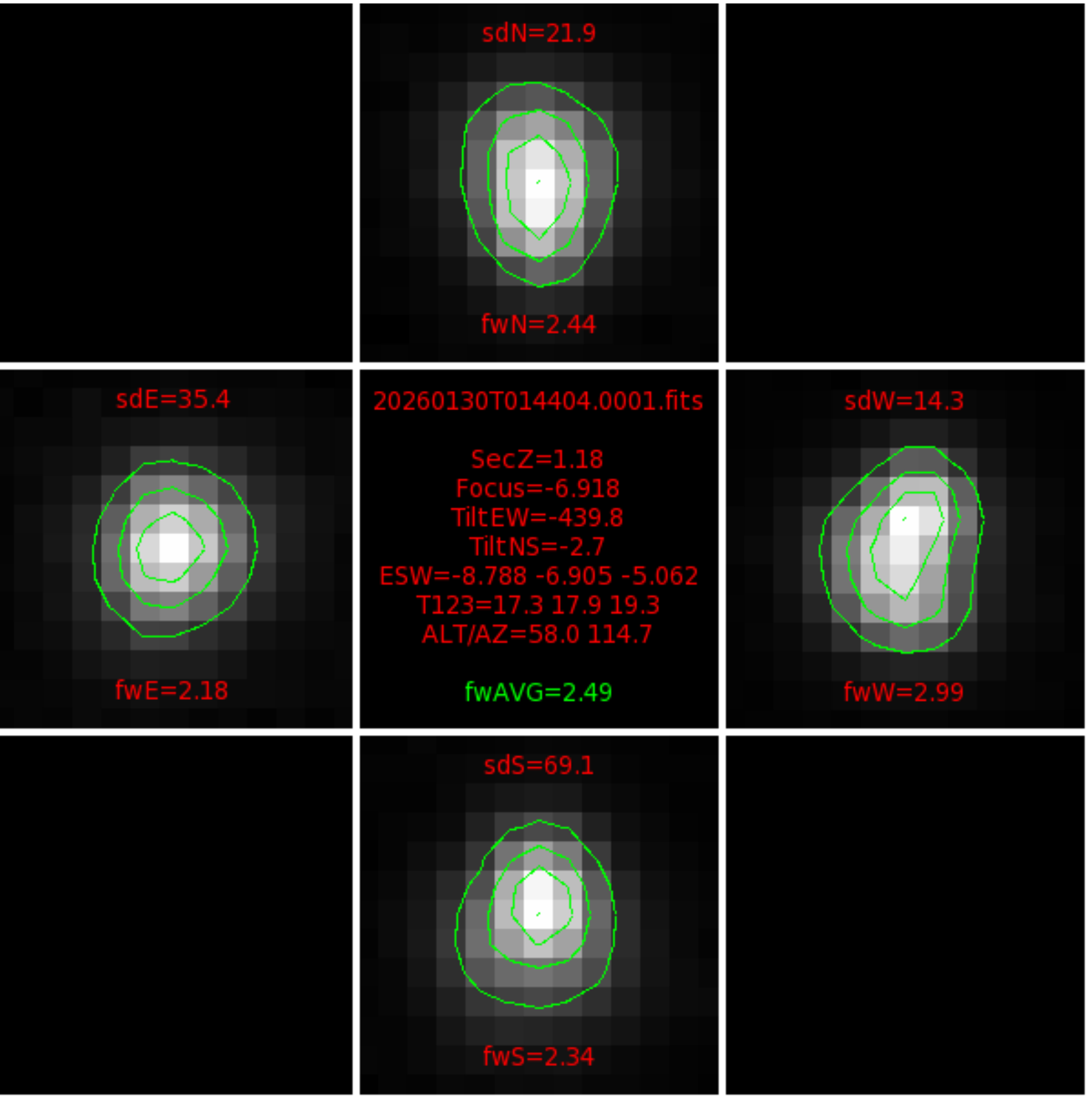

sdN=710.0
fwN=2.44
sdE=180.7
fwE=2.20
20260130T013815.0001.fits
SecZ=1.16
Focus=-6.931
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.801 -6.918 -5.075
T123=17.5 18.0 19.5
ALT/AZ=59.7 126.7
fwAVG=2.40
sdW=651.8
fwW=2.58
sdS=108.7
fwS=2.38
0 0 0 0 0 0 0 0 0

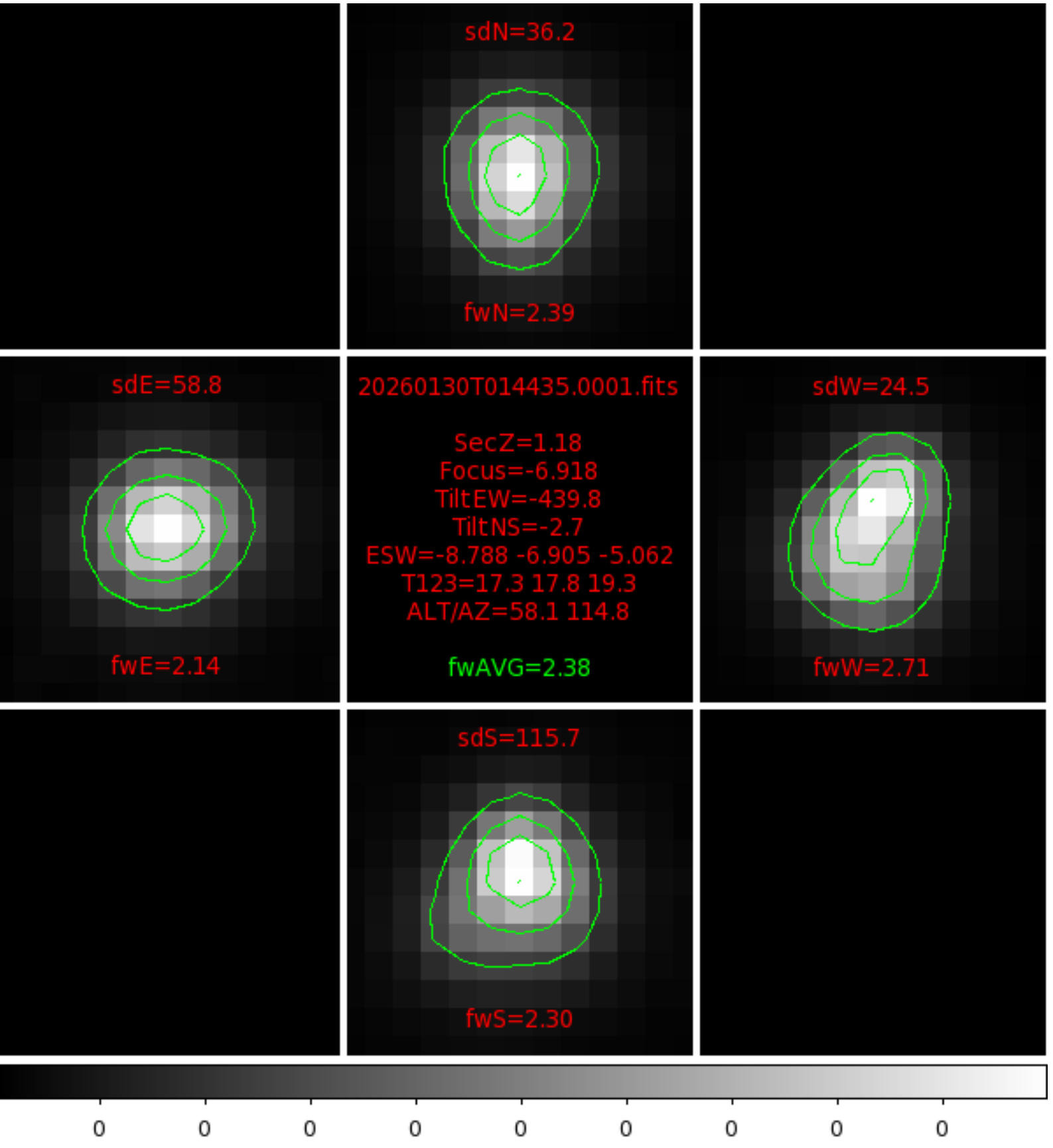

sdN=704.2
fwN=2.48
sdE=190.2
fwE=2.33
20260130T013955.0001.fits
SecZ=1.15
Focus=-6.931
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.801 -6.918 -5.075
T123=17.4 17.9 19.4
ALT/AZ=60.0 127.3
fwAVG=2.51
sdW=642.3
fwW=2.76
sdS=108.4
fwS=2.46
0 0 0 0 0 0 0 0 0

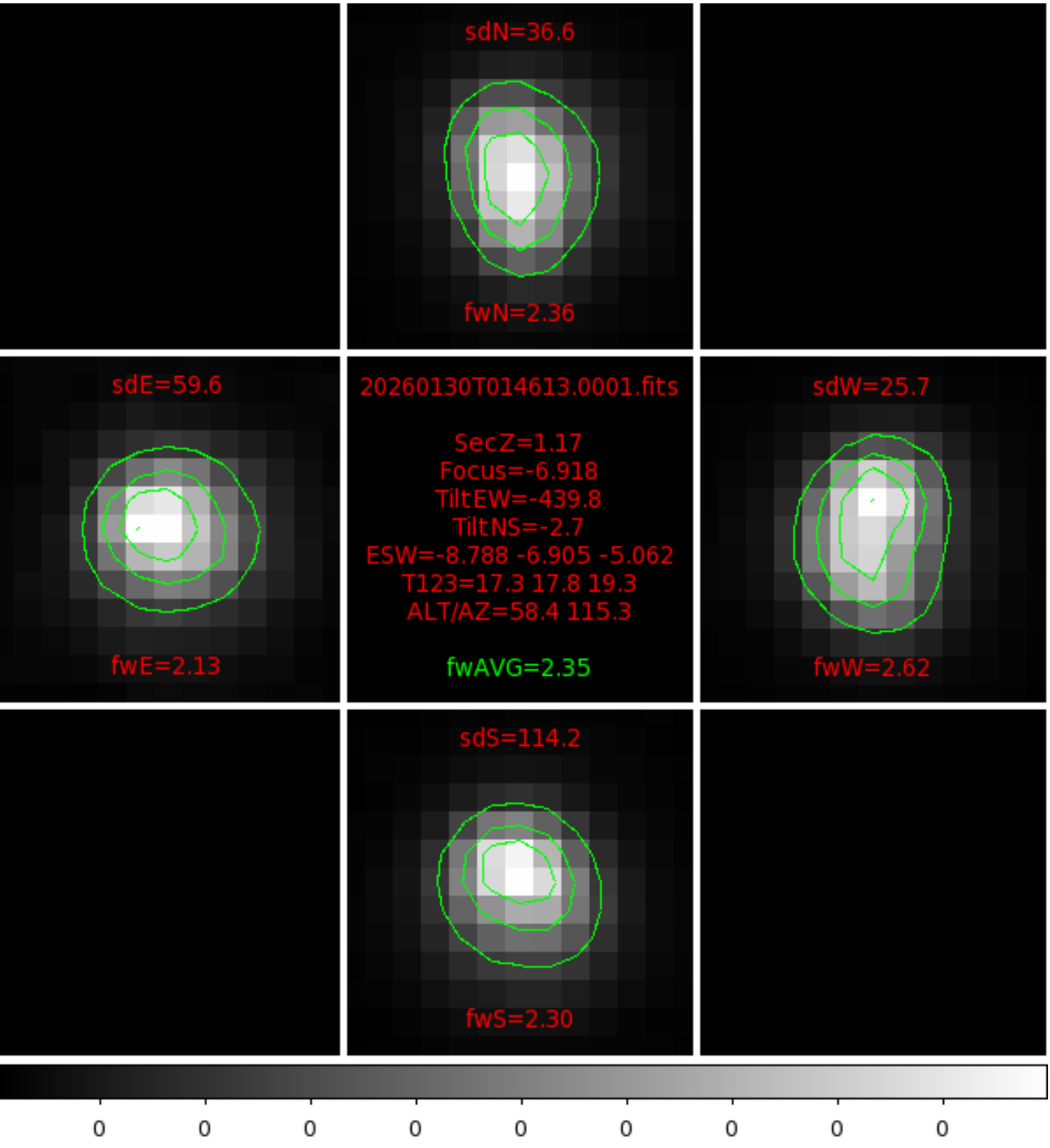

sdN=693.4
fwN=2.26
sdE=225.1
fwE=2.12
20260130T014025.0001.fits
SecZ=1.15
Focus=-6.931
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.801 -6.918 -5.075
T123=17.4 17.9 19.4
ALT/AZ=60.1 127.5
fwAVG=2.32
sdW=651.9
fwW=2.63
sdS=118.5
fwS=2.28
0 0 0 0 0 0 0 0 0

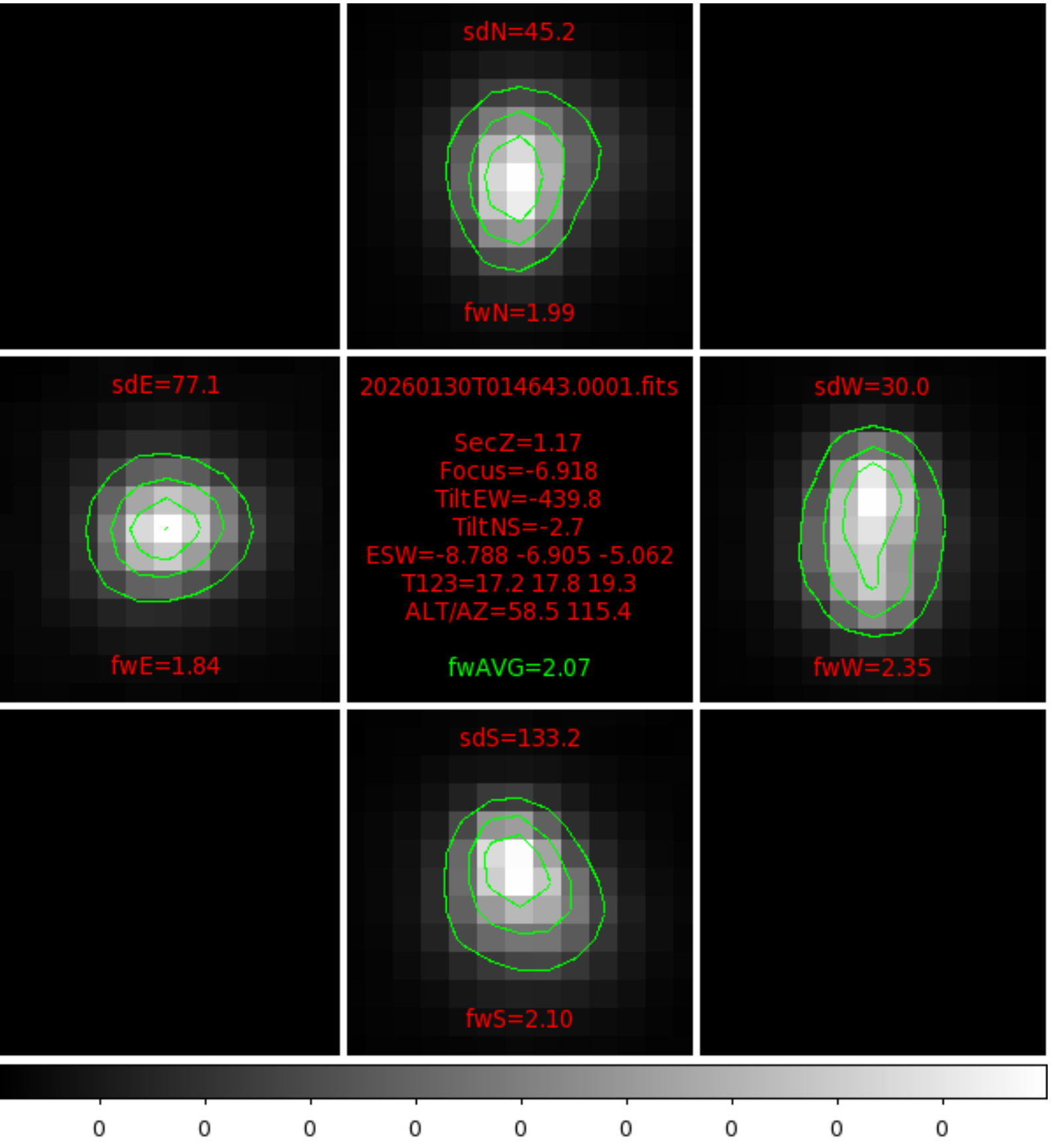

sdN=638.5
fwN=2.09
sdE=125.8
fwE=2.10
20260130T014155.0001.fits
SecZ=1.18
Focus=-6.925
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.795 -6.912 -5.069
T123=17.4 17.9 19.3
ALT/AZ=57.6 114.1
fwAVG=2.22
sdW=566.1
fwW=2.50
sdS=76.2
fwS=2.20
0 0 0 0 0 0 0 0 0

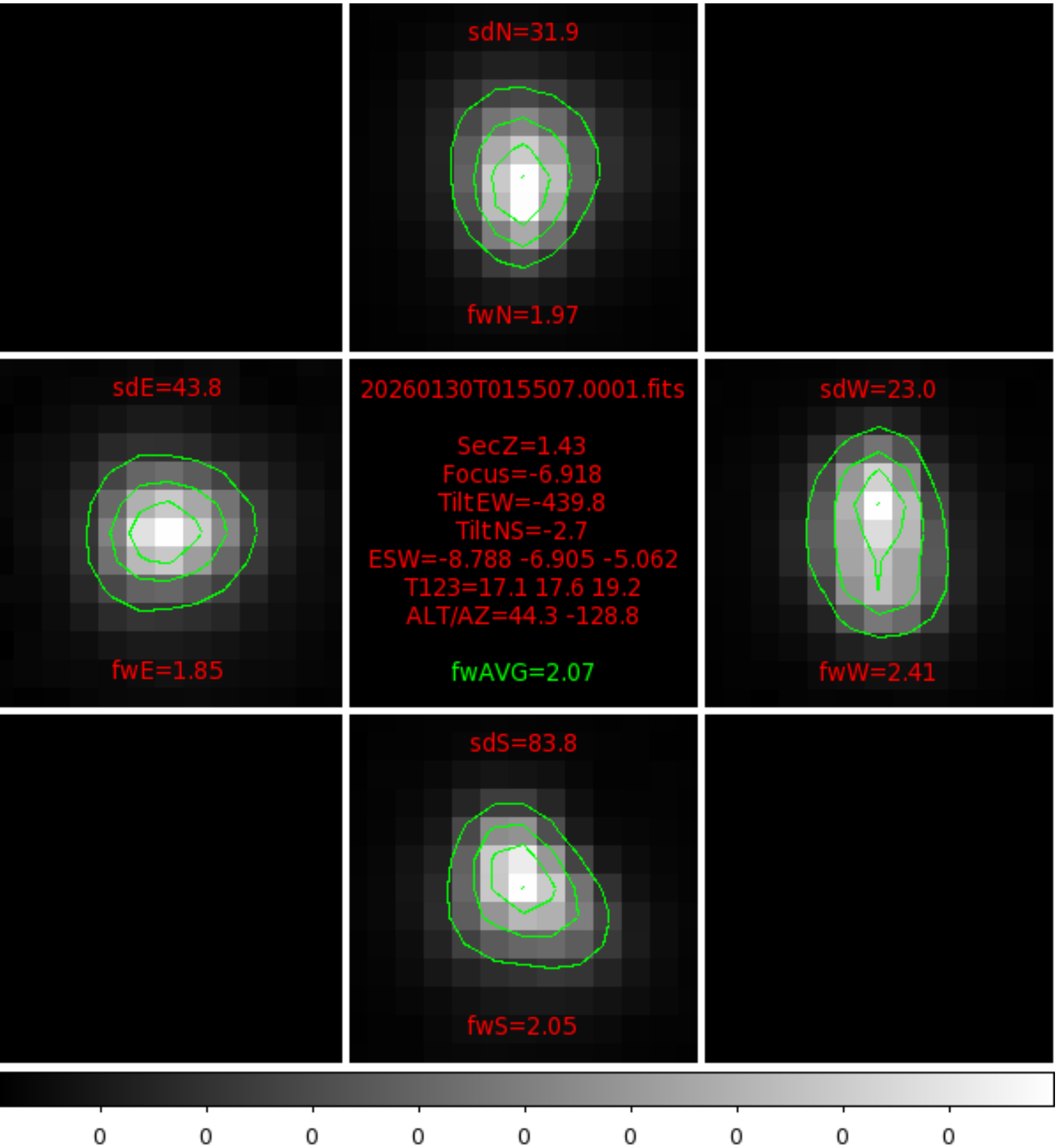

sdN=15.4
fwN=2.35
sdE=21.3
fwE=2.13
20260130T014225.0001.fits
SecZ=1.18
Focus=-6.925
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.795 -6.912 -5.069
T123=17.3 17.9 19.3
ALT/AZ=57.7 114.2
fwAVG=2.40
sdW=11.3
fwW=2.72
sdS=44.7
fwS=2.40
0 0 0 0 0 0 0 0 0

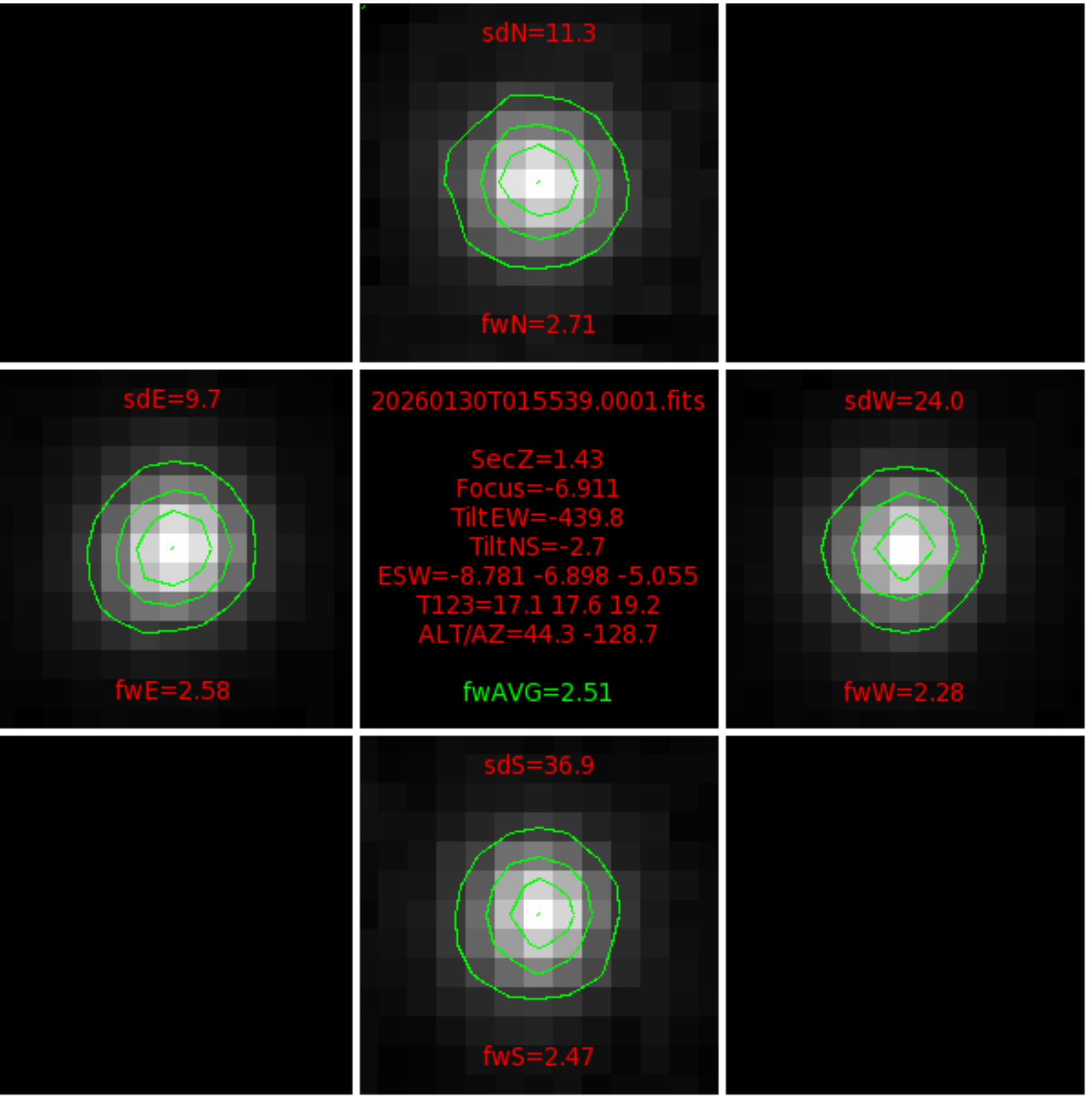

sdN=21.9
fwN=2.44
sdE=35.4
fwE=2.18
20260130T014404.0001.fits
SecZ=1.18
Focus=-6.918
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.788 -6.905 -5.062
T123=17.3 17.9 19.3
ALT/AZ=58.0 114.7
fwAVG=2.49
sdW=14.3
fwW=2.99
sdS=69.1
fwS=2.34
0 0 0 0 0 0 0 0 0

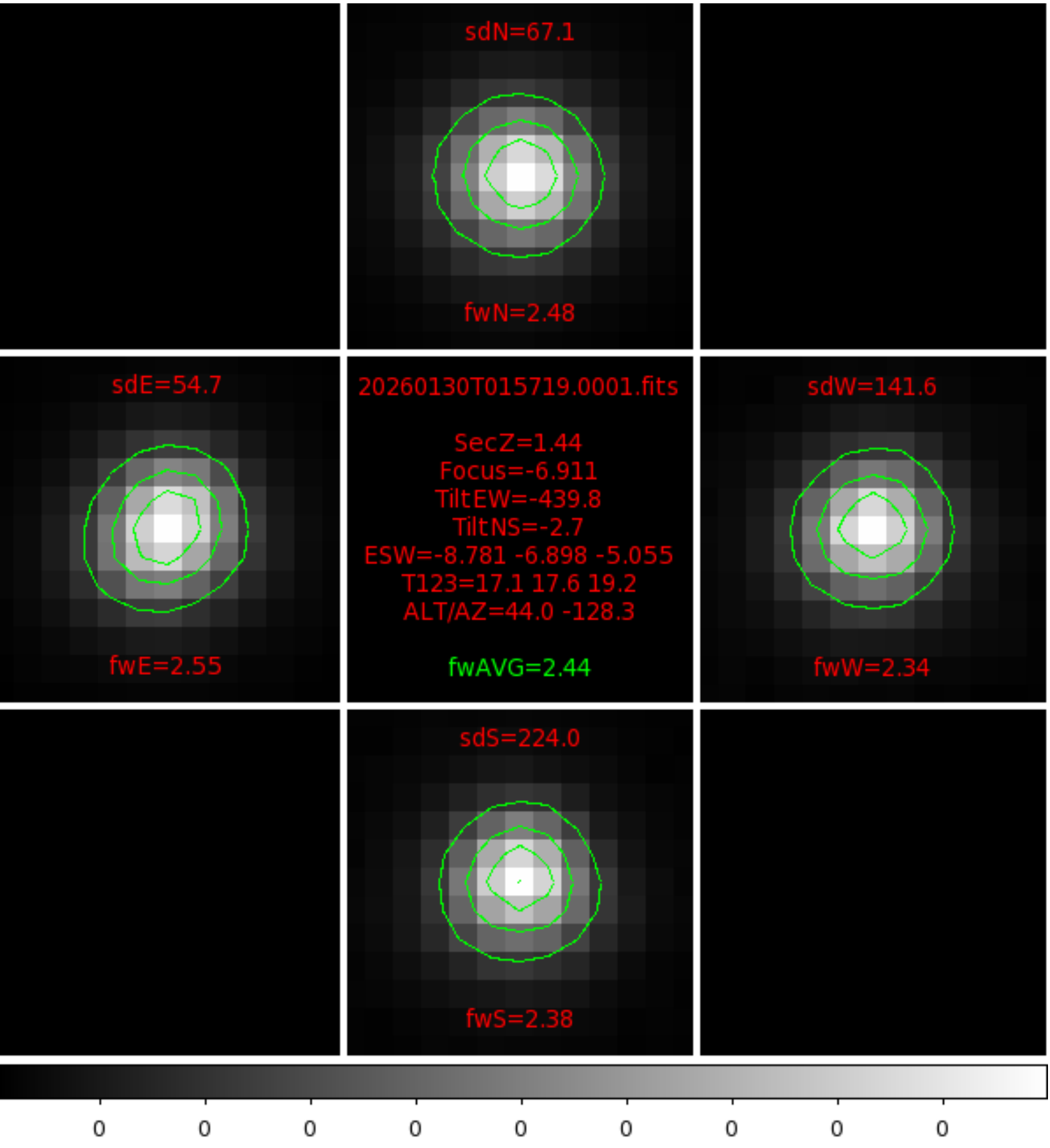

sdN=36.2
fwN=2.39
sdE=58.8
fwE=2.14
20260130T014435.0001.fits
SecZ=1.18
Focus=-6.918
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.788 -6.905 -5.062
T123=17.3 17.8 19.3
ALT/AZ=58.1 114.8
fwAVG=2.38
sdW=24.5
fwW=2.71
sdS=115.7
fwS=2.30
0 0 0 0 0 0 0 0 0

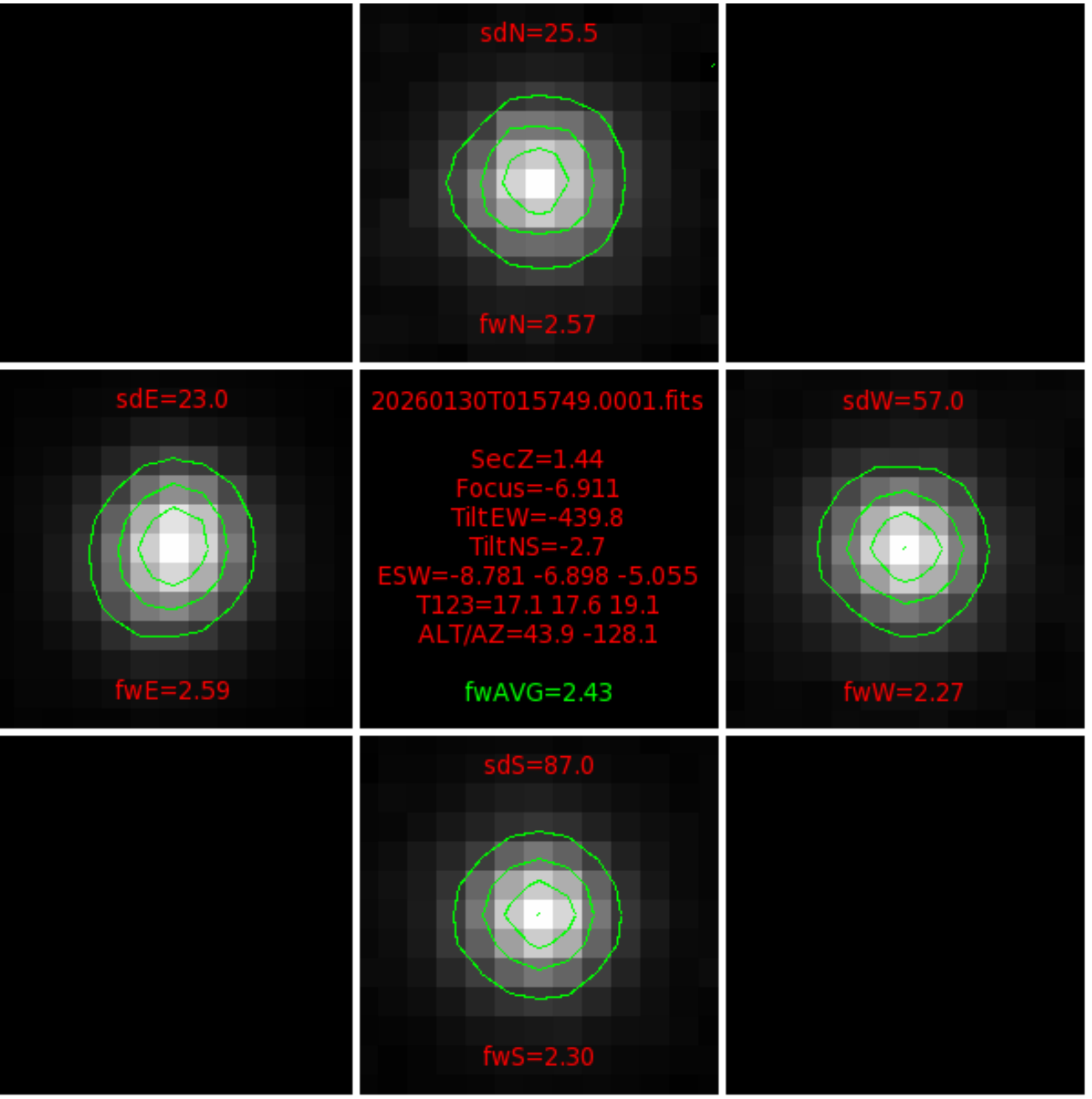

sdN=36.6
fwN=2.36
sdE=59.6
fwE=2.13
20260130T014613.0001.fits
SecZ=1.17
Focus=-6.918
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.788 -6.905 -5.062
T123=17.3 17.8 19.3
ALT/AZ=58.4 115.3
fwAVG=2.35
sdW=25.7
fwW=2.62
sdS=114.2
fwS=2.30
0 0 0 0 0 0 0 0 0

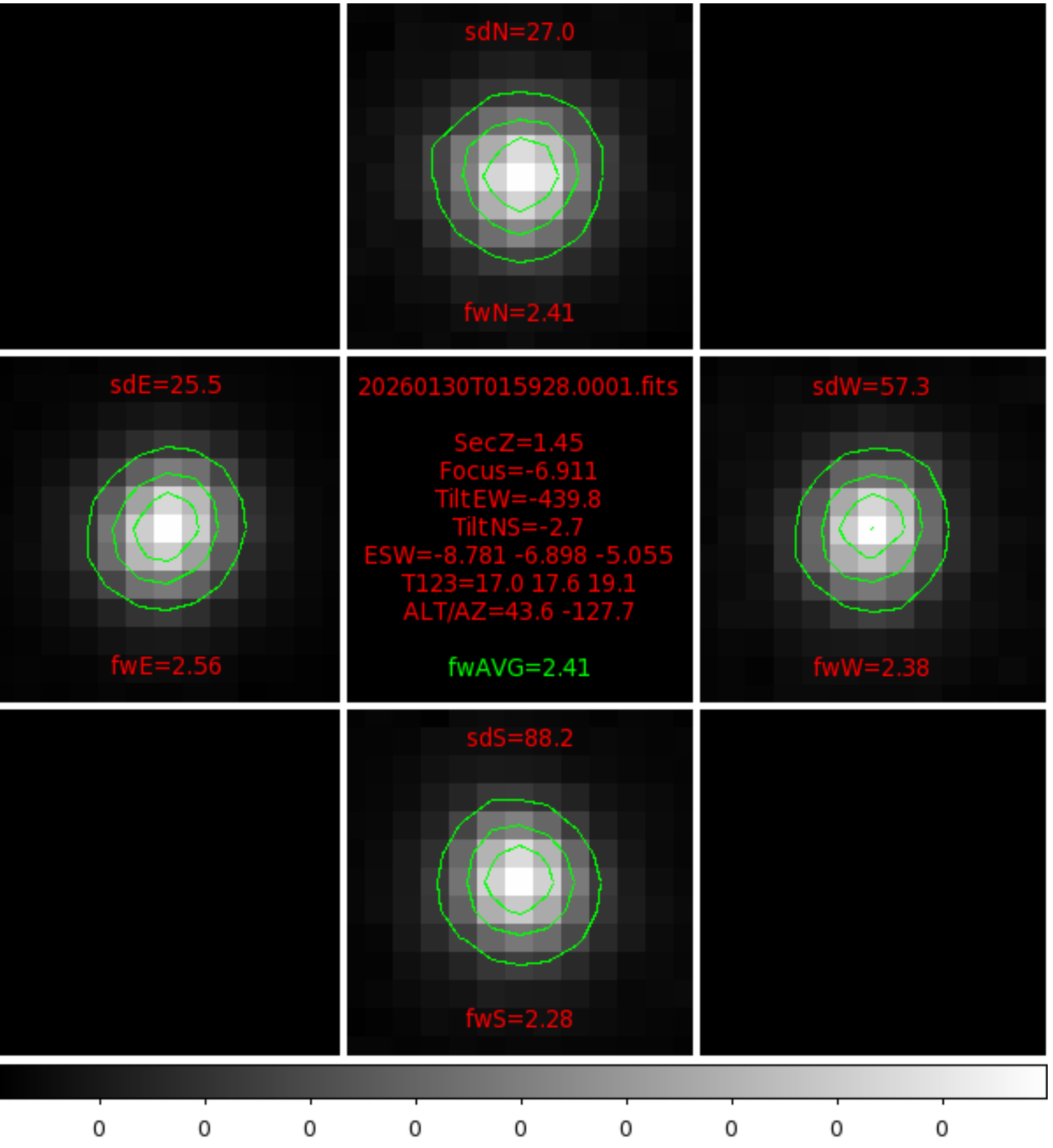

sdN=45.2
fwN=1.99
sdE=77.1
fwE=1.84
20260130T014643.0001.fits
SecZ=1.17
Focus=-6.918
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.788 -6.905 -5.062
T123=17.2 17.8 19.3
ALT/AZ=58.5 115.4
fwAVG=2.07
sdW=30.0
fwW=2.35
sdS=133.2
fwS=2.10
0 0 0 0 0 0 0 0 0

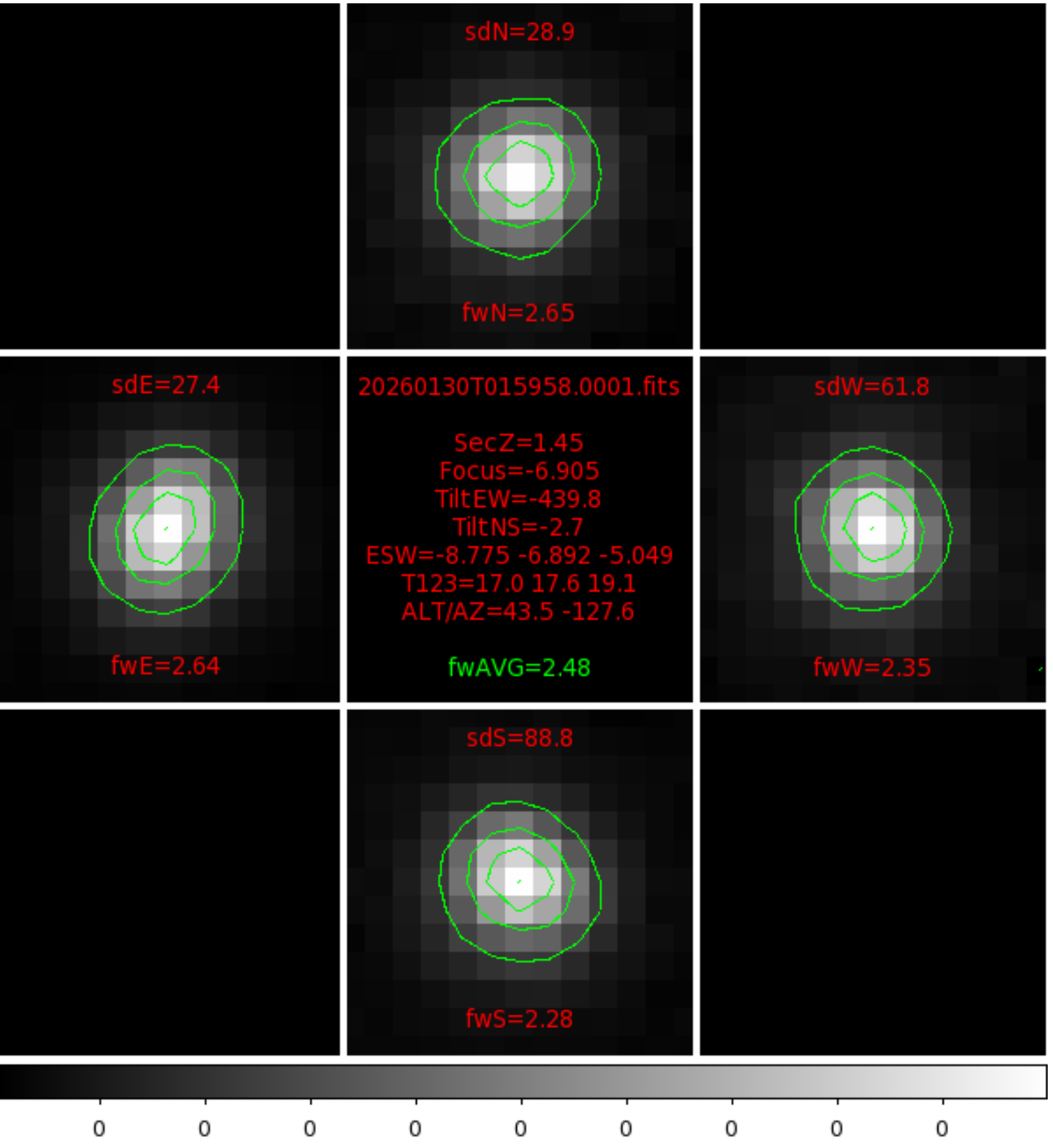

sdN=31.9
fwN=1.97
sdE=43.8
fwE=1.85
20260130T015507.0001.fits
SecZ=1.43
Focus=-6.918
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.788 -6.905 -5.062
T123=17.1 17.6 19.2
ALT/AZ=44.3 -128.8
fwAVG=2.07
sdW=23.0
fwW=2.41
sdS=83.8
fwS=2.05
0 0 0 0 0 0 0 0 0

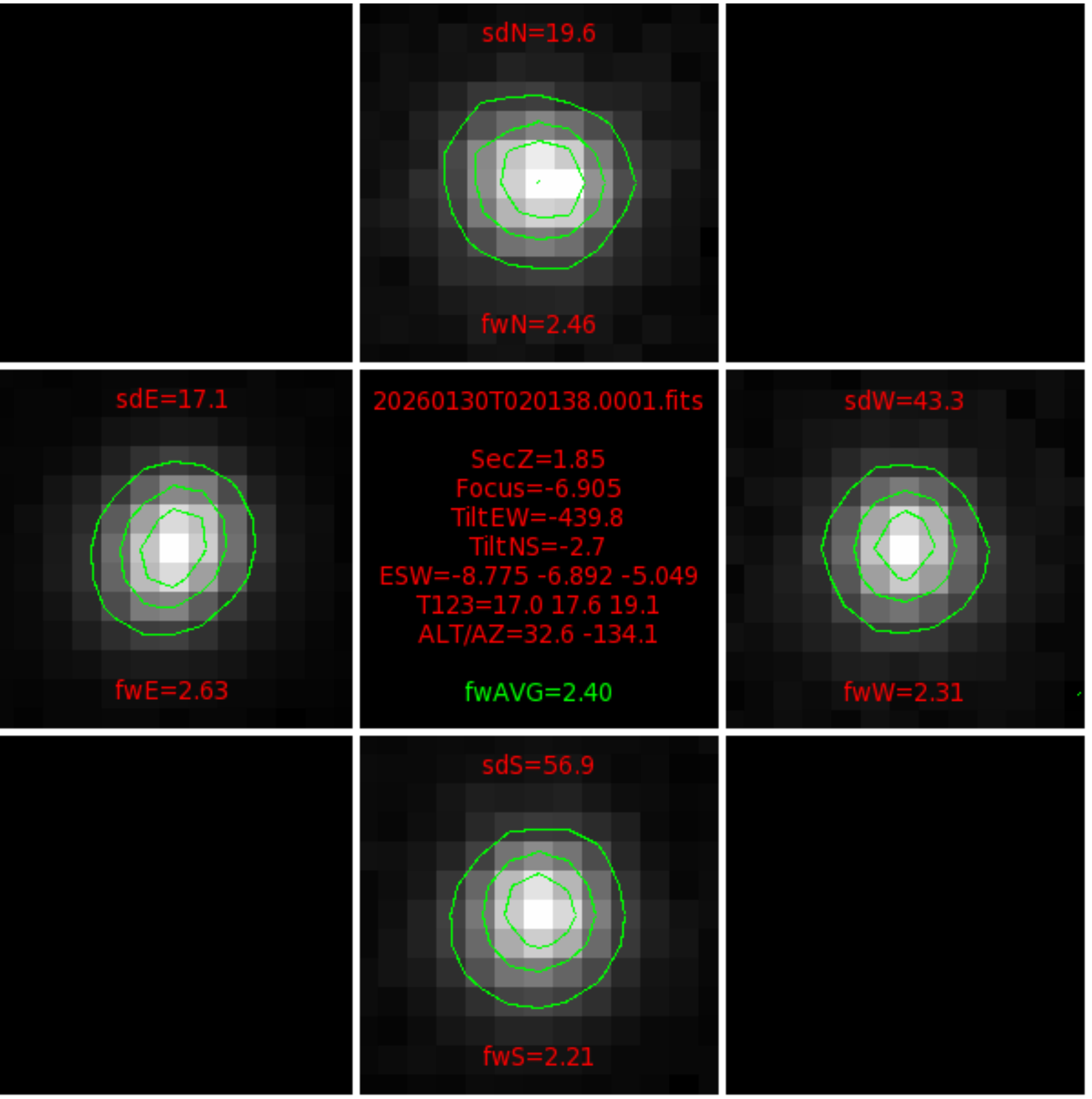

sdN=11.3
fwN=2.71
sdE=9.7
fwE=2.58
20260130T015539.0001.fits
SecZ=1.43
Focus=-6.911
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.781 -6.898 -5.055
T123=17.1 17.6 19.2
ALT/AZ=44.3 -128.7
fwAVG=2.51
sdW=24.0
fwW=2.28
sdS=36.9
fwS=2.47
0 0 0 0 0 0 0 0 0

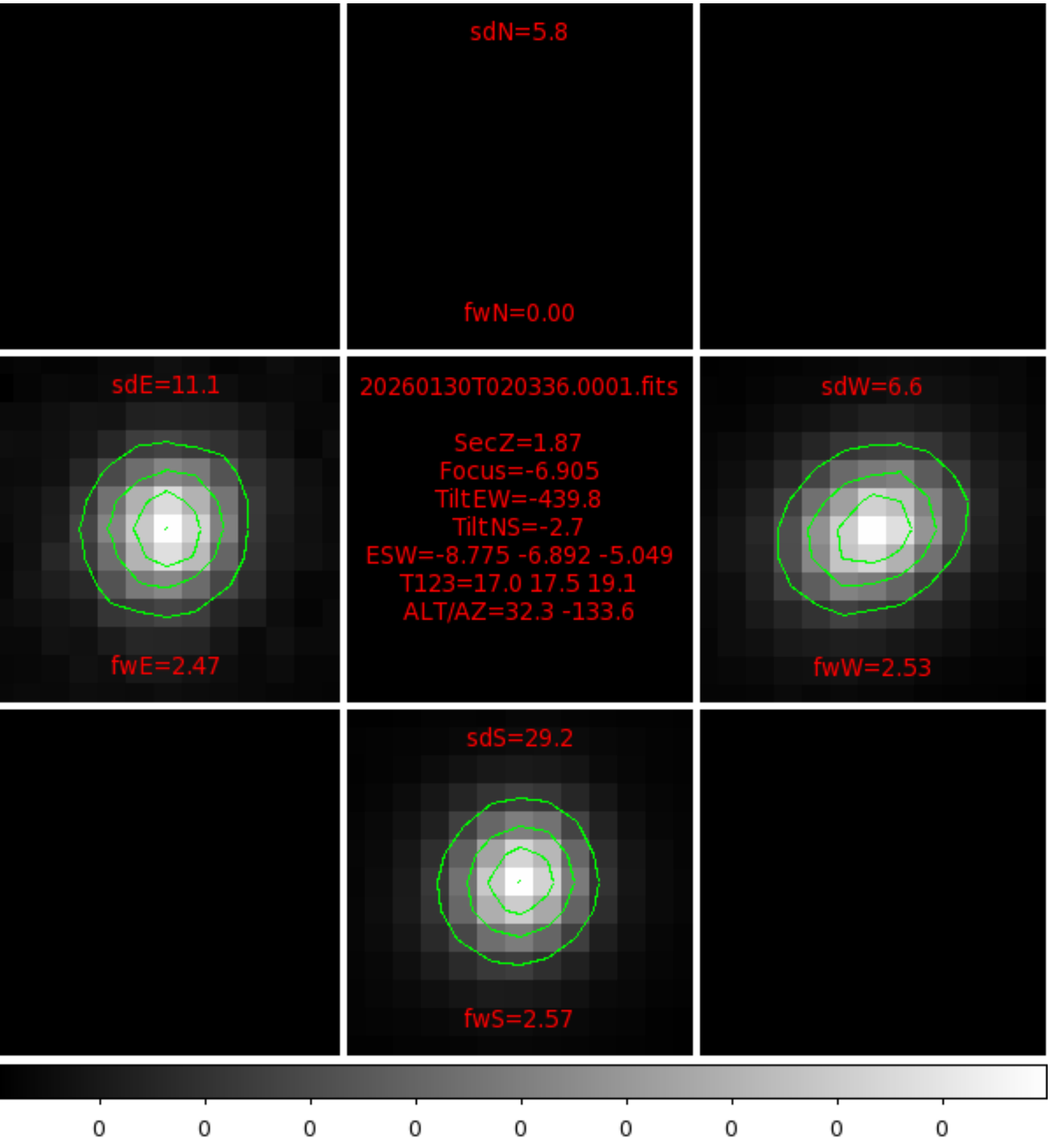

sdN=67.1
fwN=2.48
sdE=54.7
fwE=2.55
20260130T015719.0001.fits
SecZ=1.44
Focus=-6.911
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.781 -6.898 -5.055
T123=17.1 17.6 19.2
ALT/AZ=44.0 -128.3
fwAVG=2.44
sdW=141.6
fwW=2.34
sdS=224.0
fwS=2.38
0 0 0 0 0 0 0 0 0


sdN=25.5
fwN=2.57
sdE=23.0
fwE=2.59
20260130T015749.0001.fits
SecZ=1.44
Focus=-6.911
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.781 -6.898 -5.055
T123=17.1 17.6 19.1
ALT/AZ=43.9 -128.1
fwAVG=2.43
sdW=57.0
fwW=2.27
sdS=87.0
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=27.0
fwN=2.41
sdE=25.5
fwE=2.56
20260130T015928.0001.fits
SecZ=1.45
Focus=-6.911
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.781 -6.898 -5.055
T123=17.0 17.6 19.1
ALT/AZ=43.6 -127.7
fwAVG=2.41
sdW=57.3
fwW=2.38
sdS=88.2
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=28.9
fwN=2.65
sdE=27.4
fwE=2.64
20260130T015958.0001.fits
SecZ=1.45
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=17.0 17.6 19.1
ALT/AZ=43.5 -127.6
fwAVG=2.48
sdW=61.8
fwW=2.35
sdS=88.8
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=19.6
fwN=2.46
sdE=17.1
fwE=2.63
20260130T020138.0001.fits
SecZ=1.85
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=17.0 17.6 19.1
ALT/AZ=32.6 -134.1
fwAVG=2.40
sdW=43.3
fwW=2.31
sdS=56.9
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=5.8
fwN=0.00
sdE=11.1
fwE=2.47
20260130T020336.0001.fits
SecZ=1.87
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=17.0 17.5 19.1
ALT/AZ=32.3 -133.6
sdW=6.6
fwW=2.53
sdS=29.2
fwS=2.57
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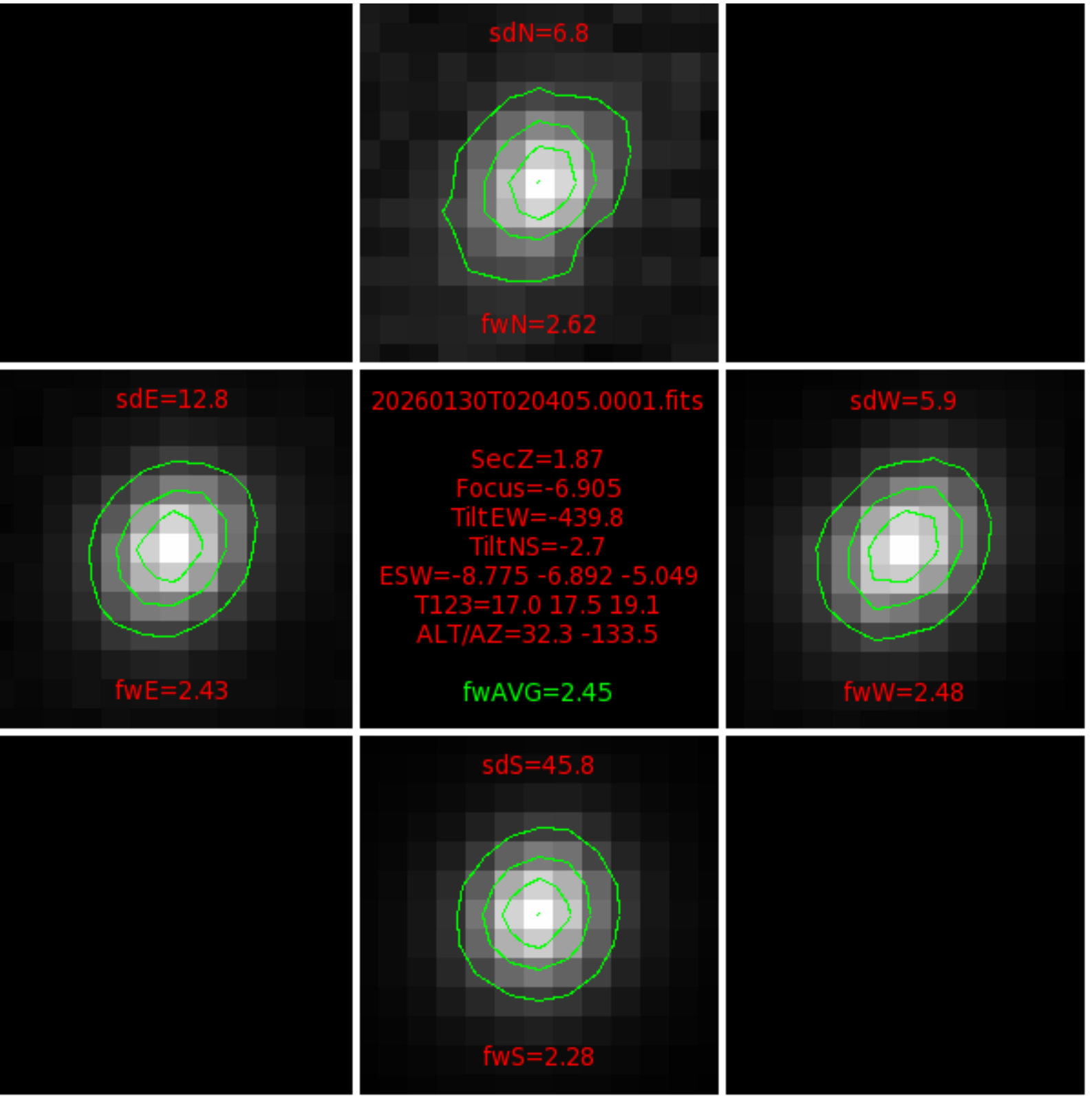
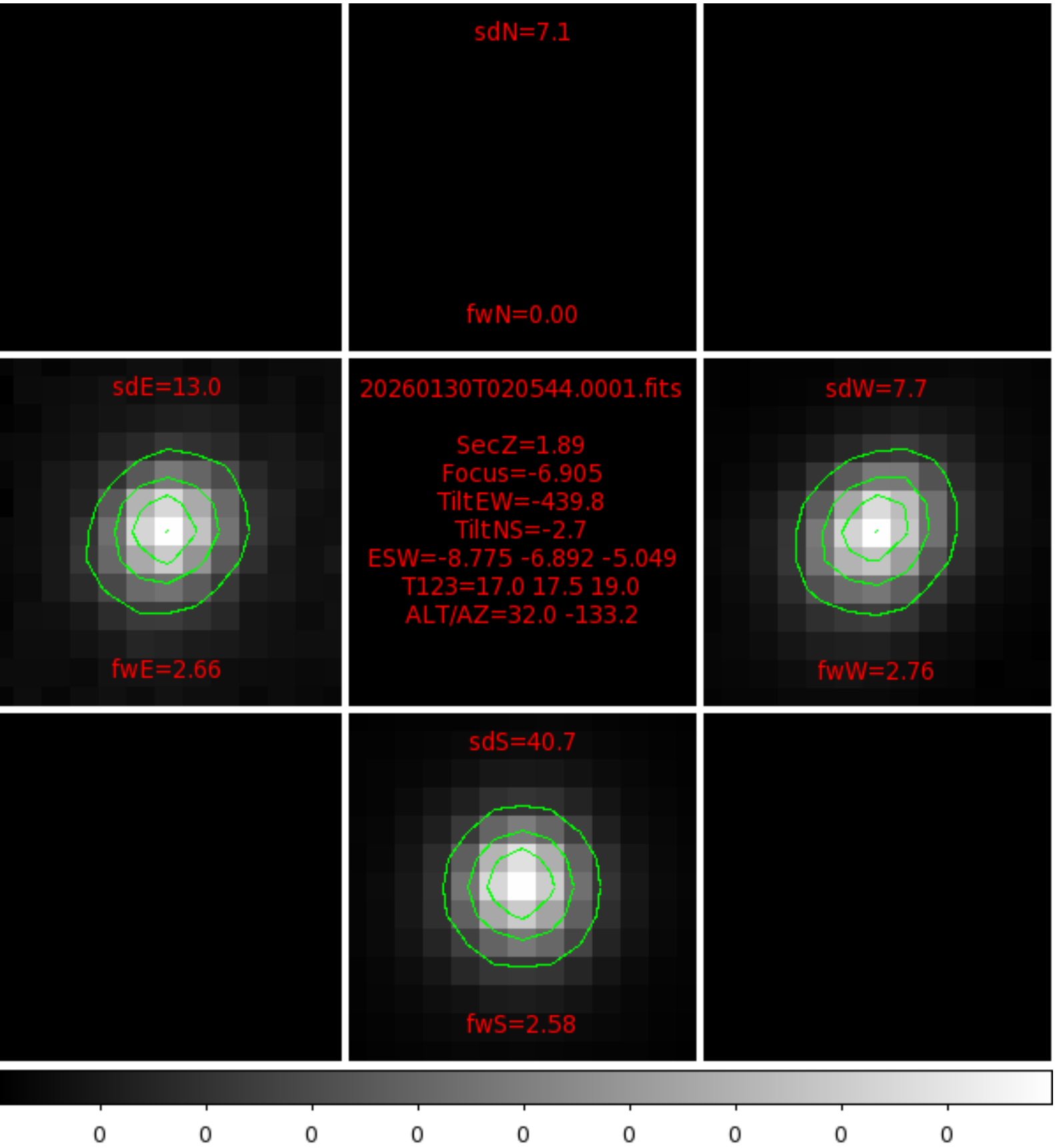
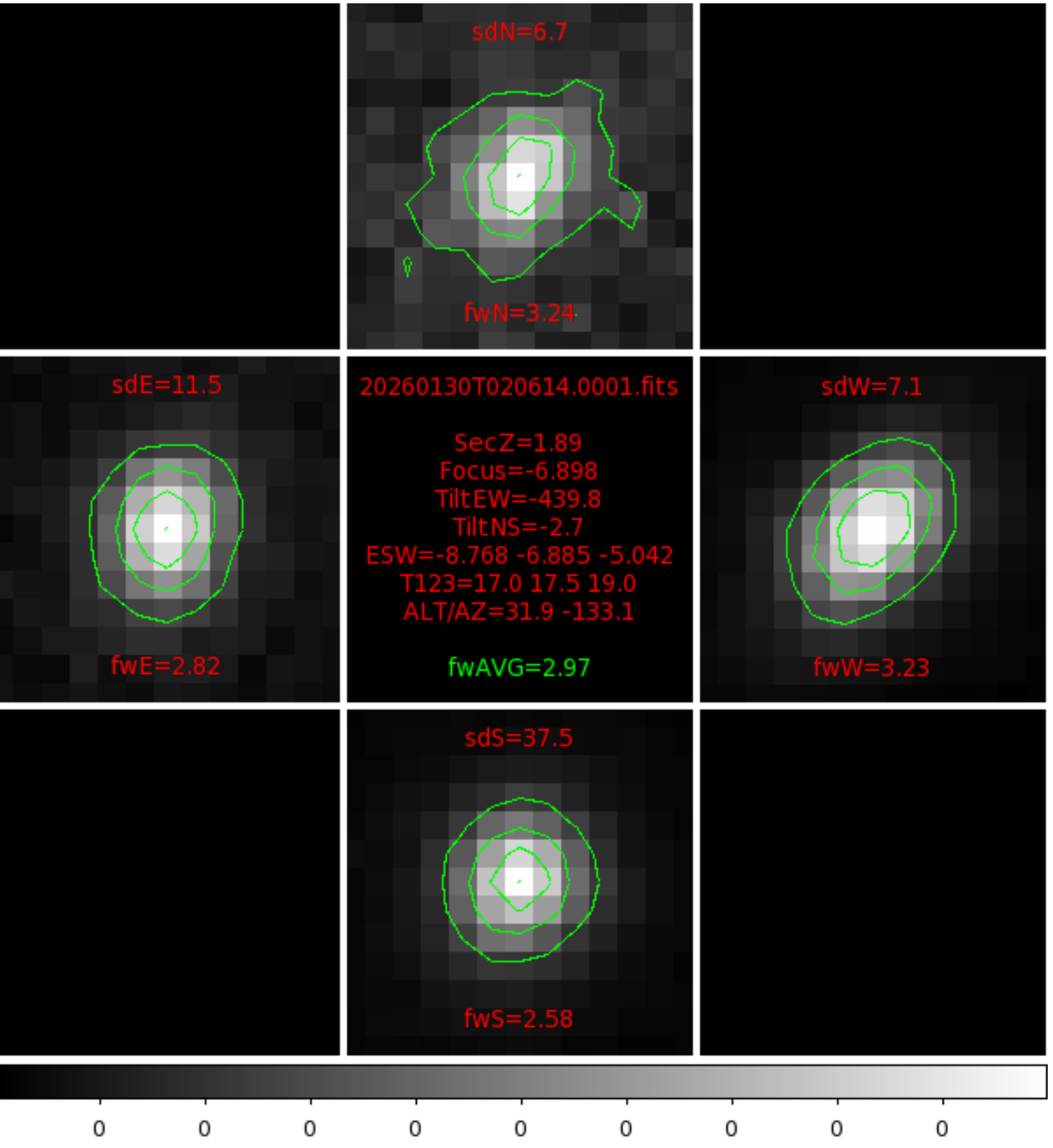
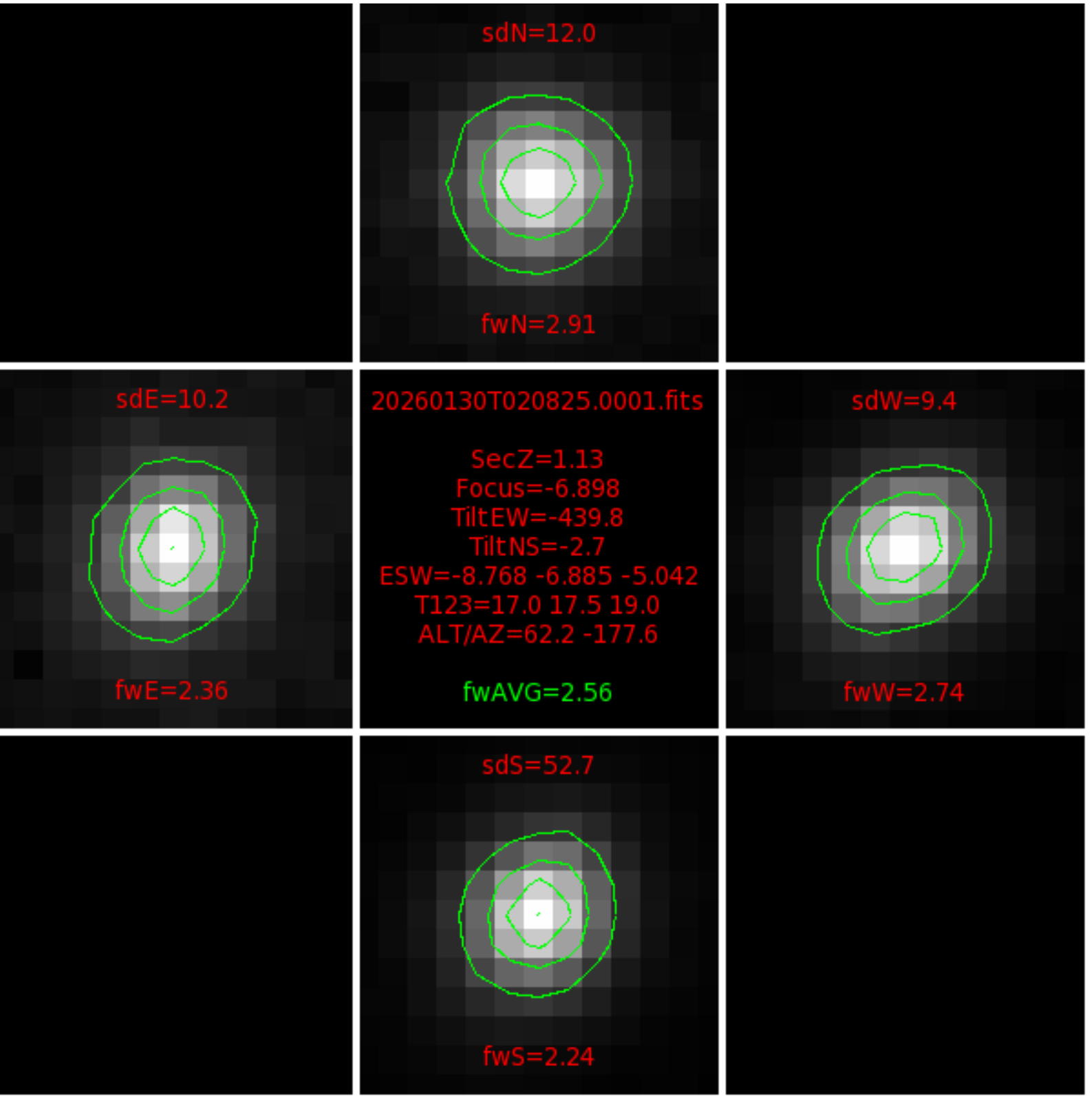

sdN=6.8
fwN=2.62
sdE=12.8
fwE=2.43
20260130T020405.0001.fits
SecZ=1.87
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=17.0 17.5 19.1
ALT/AZ=32.3 -133.5
fwAVG=2.45
sdW=5.9
fwW=2.48
sdS=45.8
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=7.1
fwN=0.00
sdE=13.0
fwE=2.66
20260130T020544.0001.fits
SecZ=1.89
Focus=-6.905
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.775 -6.892 -5.049
T123=17.0 17.5 19.0
ALT/AZ=32.0 -133.2
sdW=7.7
fwW=2.76
sdS=40.7
fwS=2.58
0 0 0 0 0 0 0 0 0


sdN=6.7
fwN=3.24
sdE=11.5
fwE=2.82
20260130T020614.0001.fits
SecZ=1.89
Focus=-6.898
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.768 -6.885 -5.042
T123=17.0 17.5 19.0
ALT/AZ=31.9 -133.1
fwAVG=2.97
sdW=7.1
fwW=3.23
sdS=37.5
fwS=2.58
0 0 0 0 0 0 0 0 0


sdN=12.0
fwN=2.91
sdE=10.2
fwE=2.36
20260130T020825.0001.fits
SecZ=1.13
Focus=-6.898
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.768 -6.885 -5.042
T123=17.0 17.5 19.0
ALT/AZ=62.2 -177.6
fwAVG=2.56
sdW=9.4
fwW=2.74
sdS=52.7
fwS=2.24
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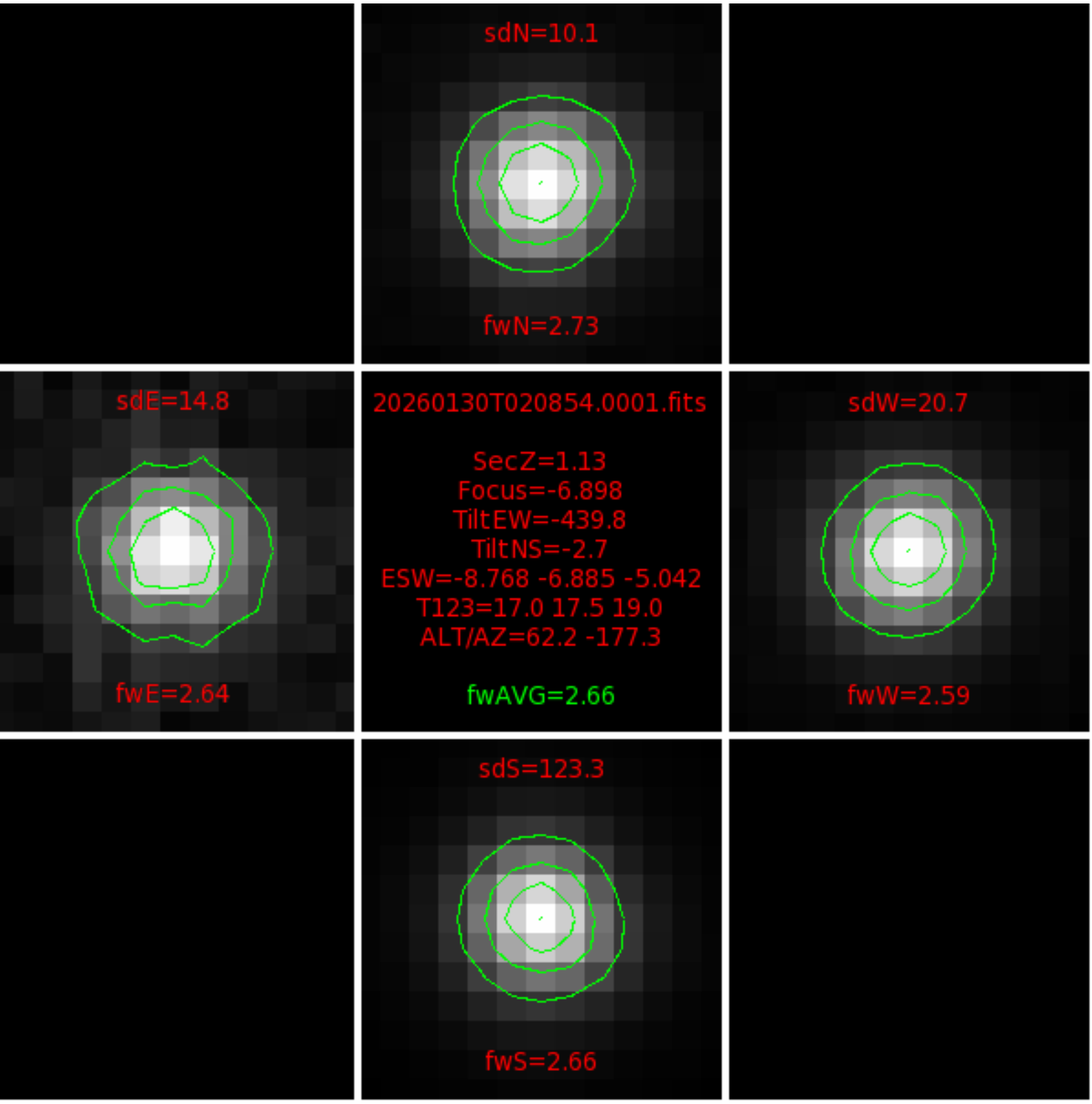
sdN=10.1
fwN=2.73
sdE=14.8
fwE=2.64
20260130T020854.0001.fits
SecZ=1.13
Focus=-6.898
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.768 -6.885 -5.042
T123=17.0 17.5 19.0
ALT/AZ=62.2 -177.3
fwAVG=2.66
sdW=20.7
fwW=2.59
sdS=123.3
fwS=2.66
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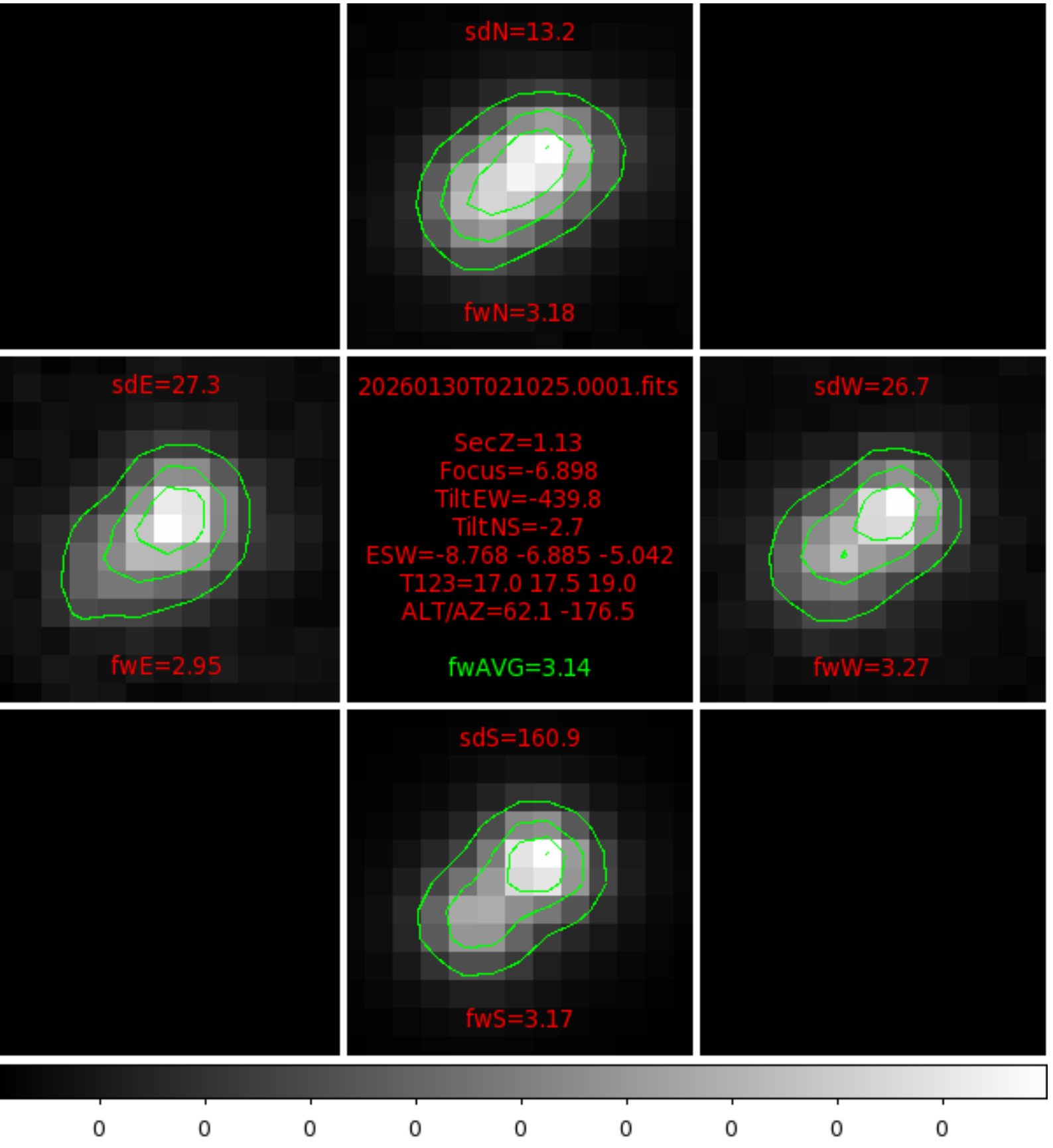
sdN=13.2
fwN=3.18
sdE=27.3
fwE=2.95
20260130T021025.0001.fits
SecZ=1.13
Focus=-6.898
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.768 -6.885 -5.042
T123=17.0 17.5 19.0
ALT/AZ=62.1 -176.5
fwAVG=3.14
sdW=26.7
fwW=3.27
sdS=160.9
fwS=3.17
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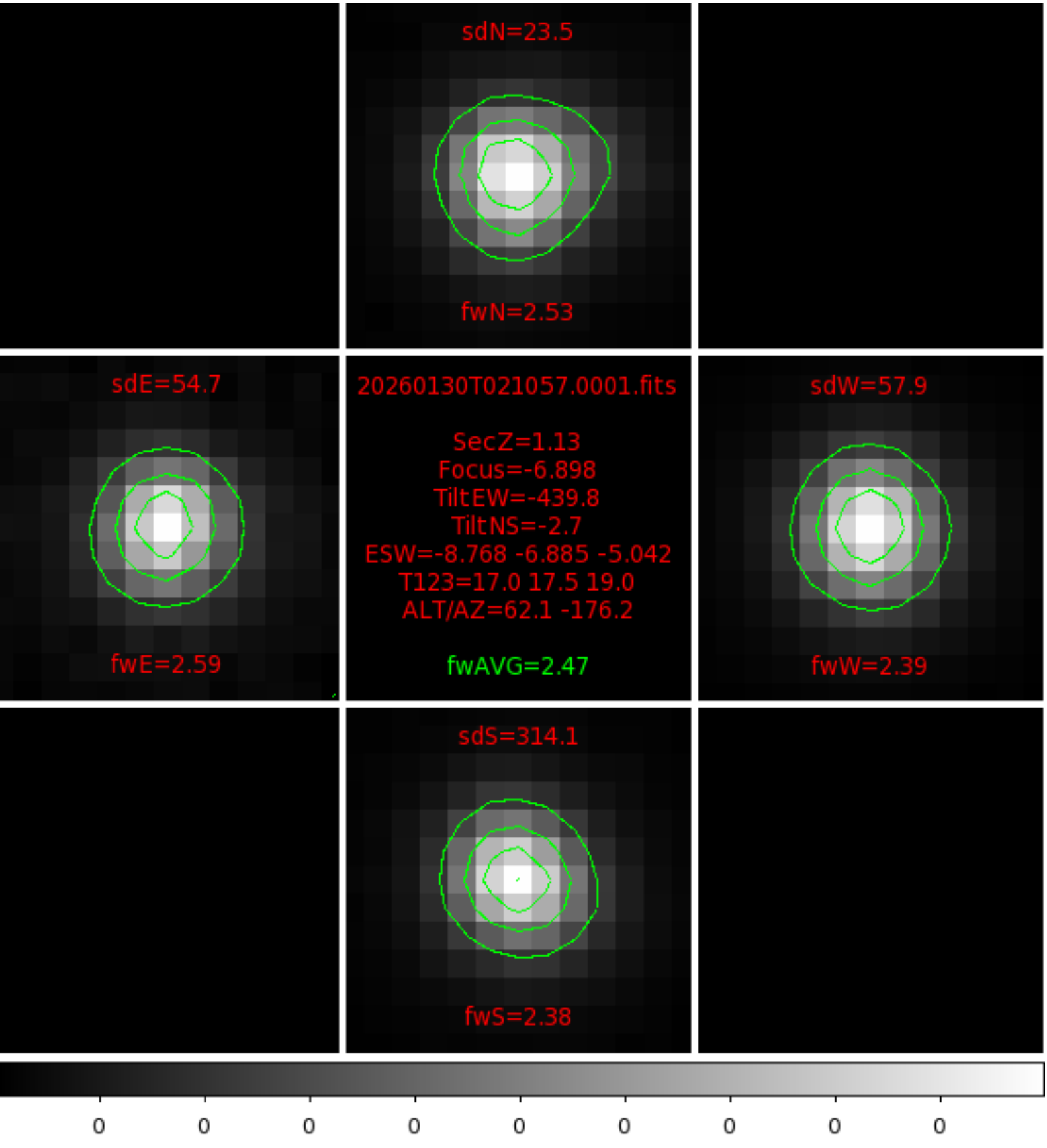
sdN=23.5
fwN=2.53
sdE=54.7
fwE=2.59
20260130T021057.0001.fits
SecZ=1.13
Focus=-6.898
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.768 -6.885 -5.042
T123=17.0 17.5 19.0
ALT/AZ=62.1 -176.2
fwAVG=2.47
sdW=57.9
fwW=2.39
sdS=314.1
fwS=2.38
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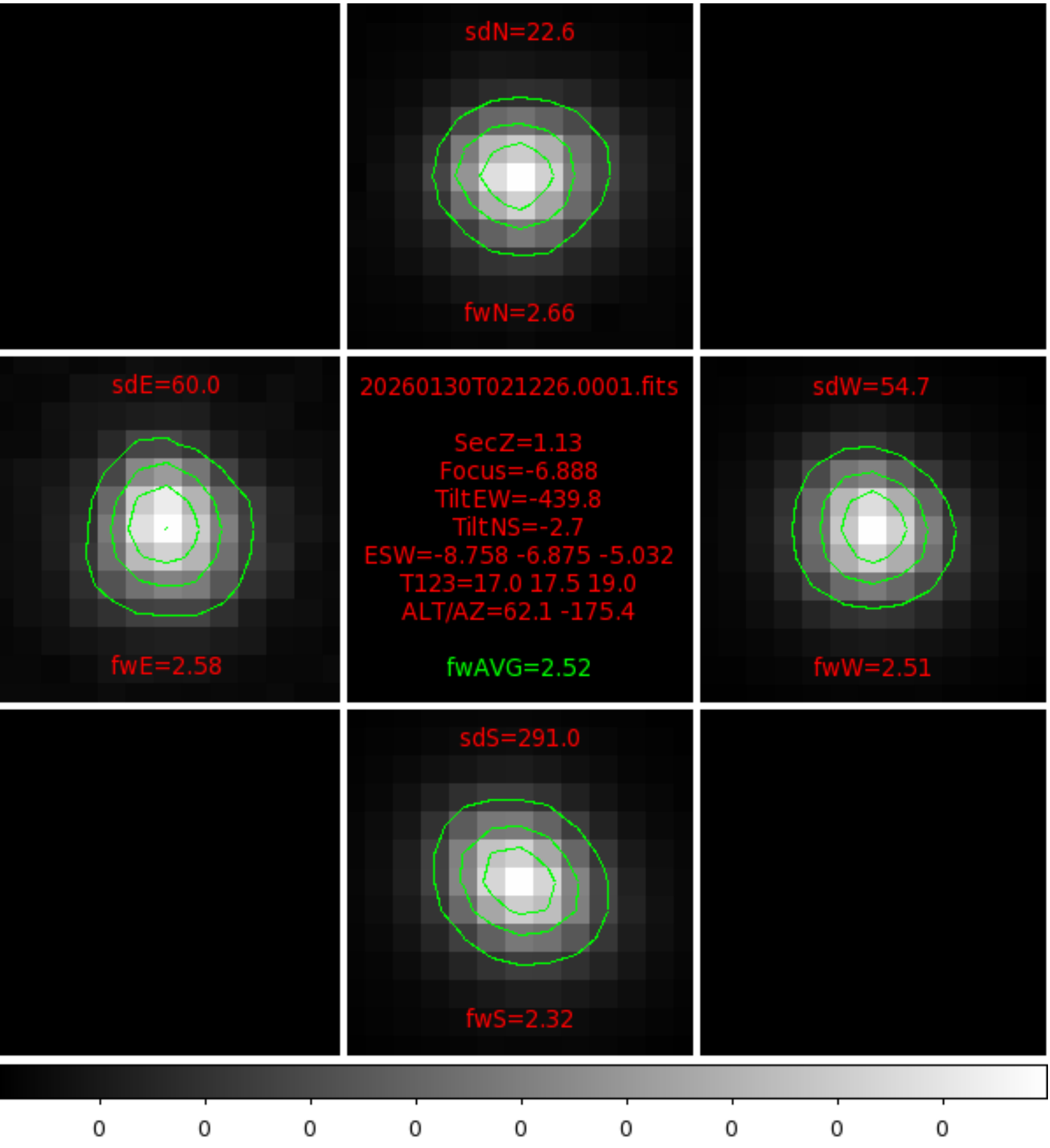
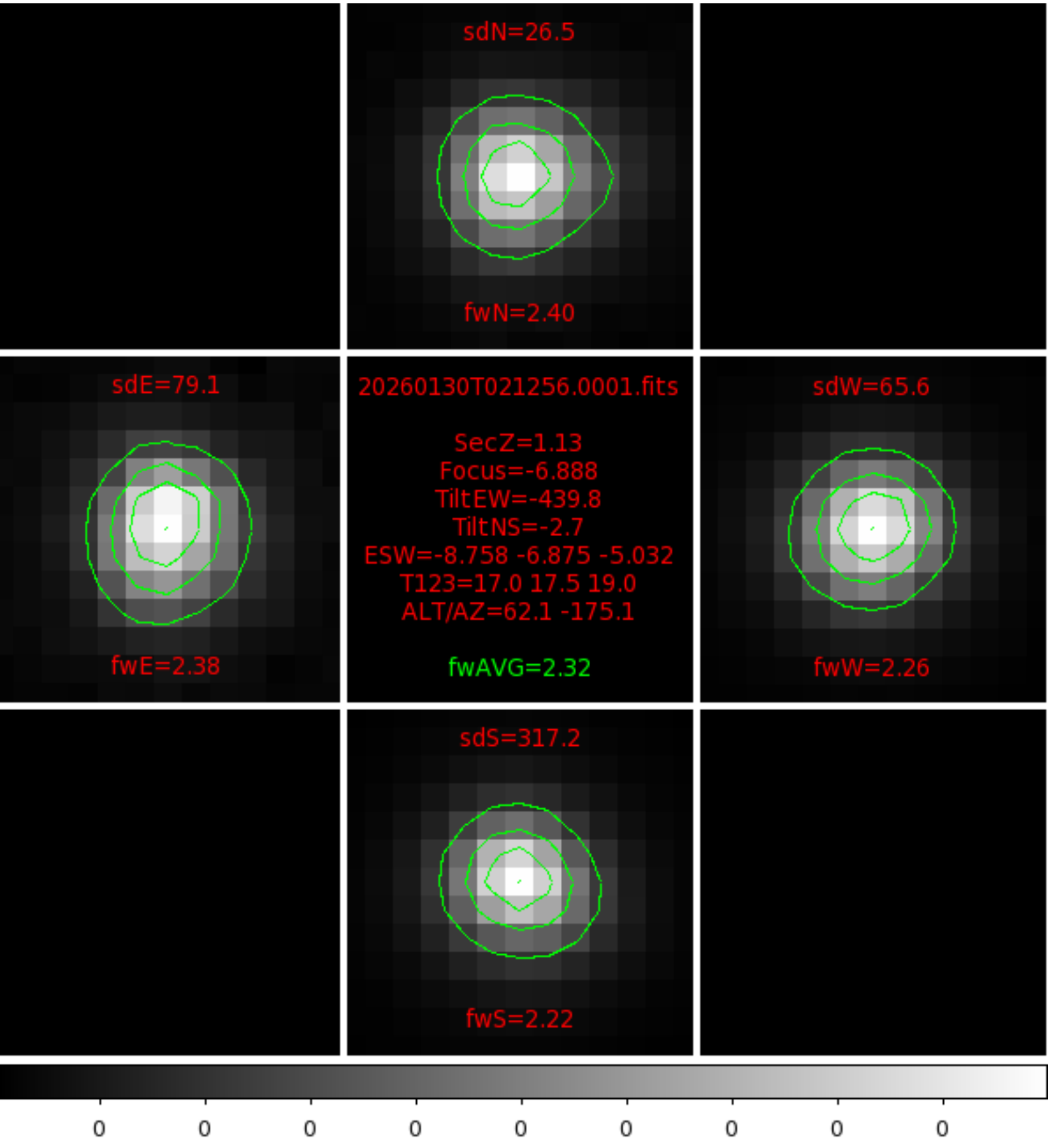
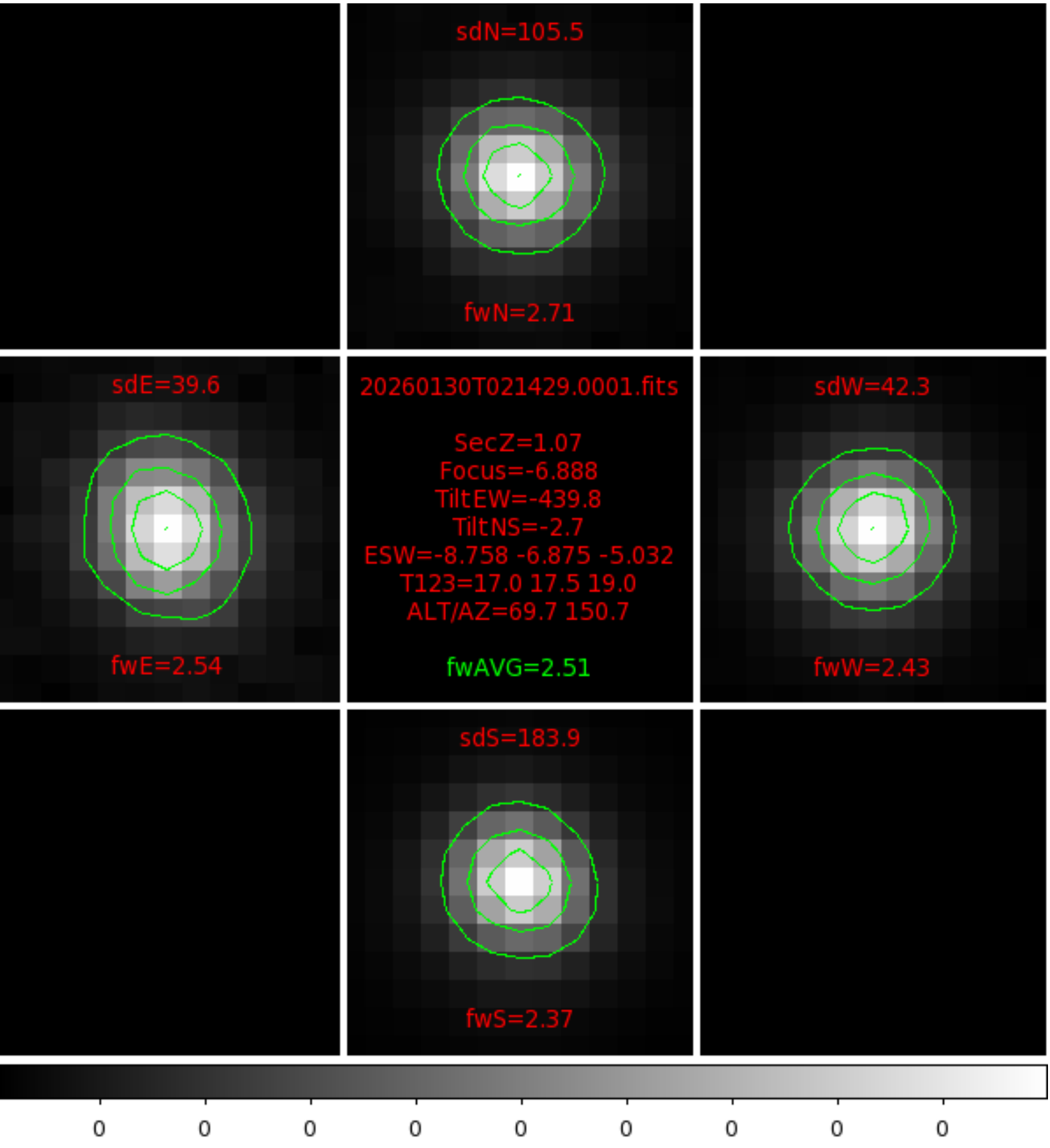
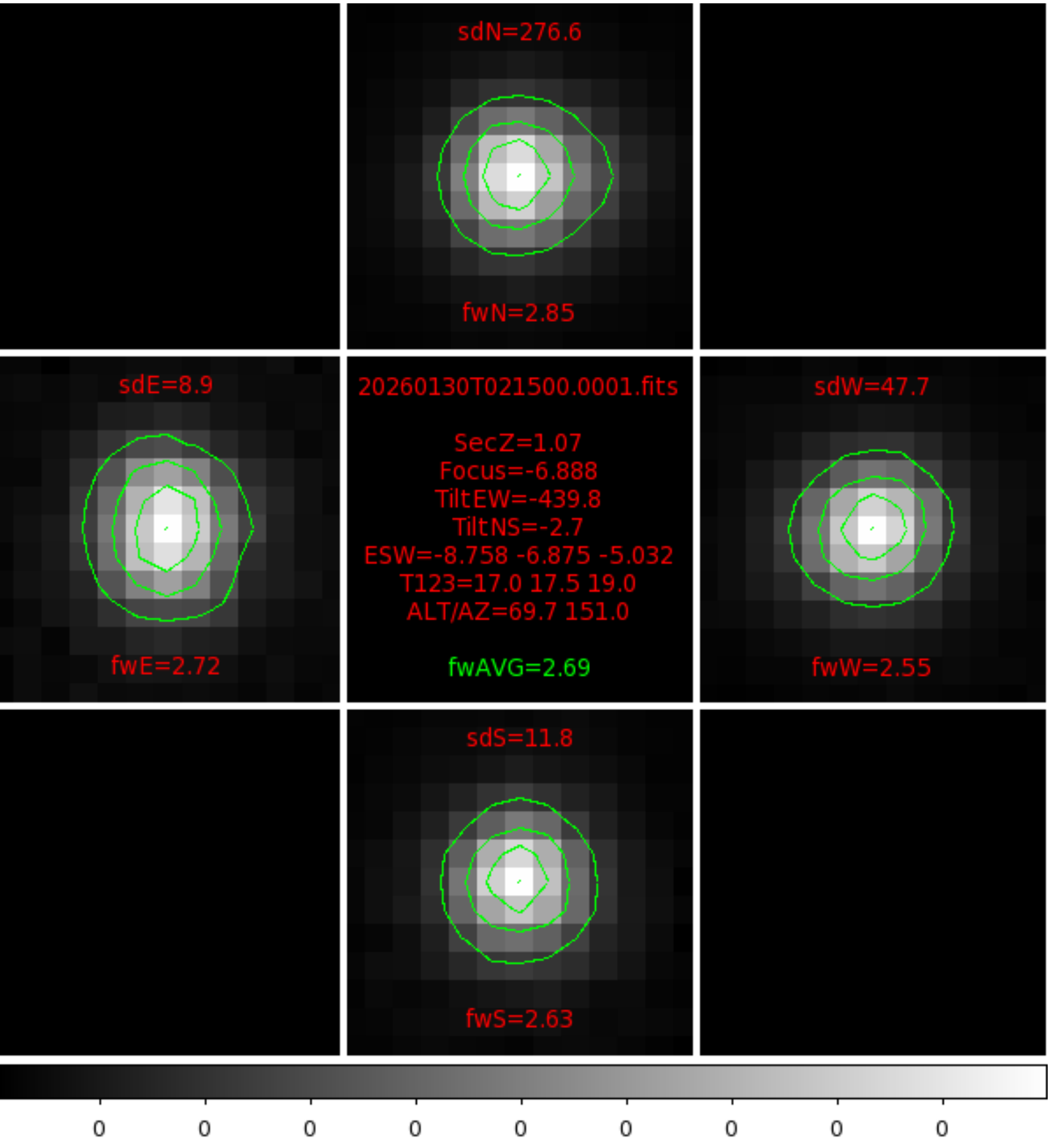
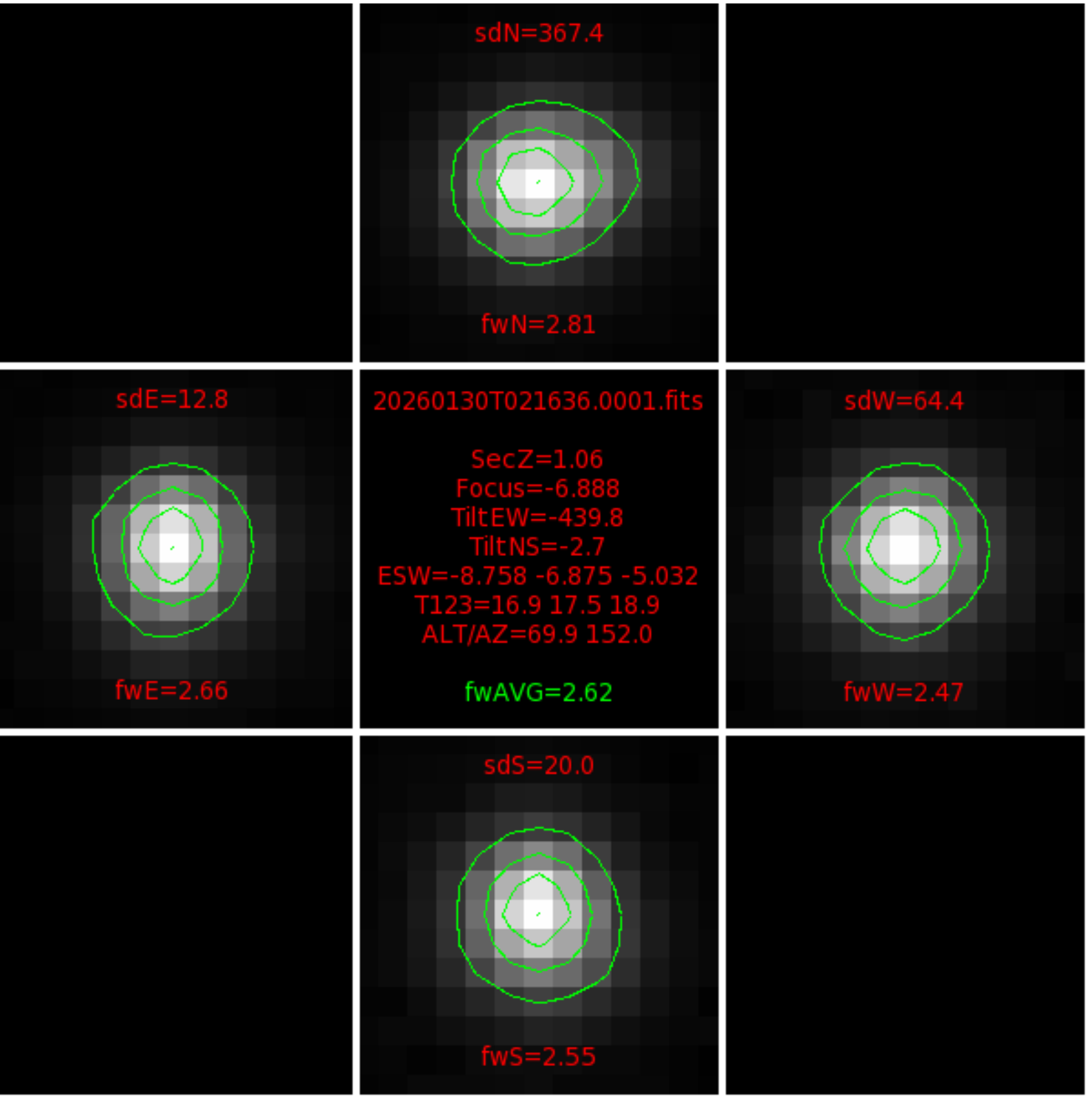
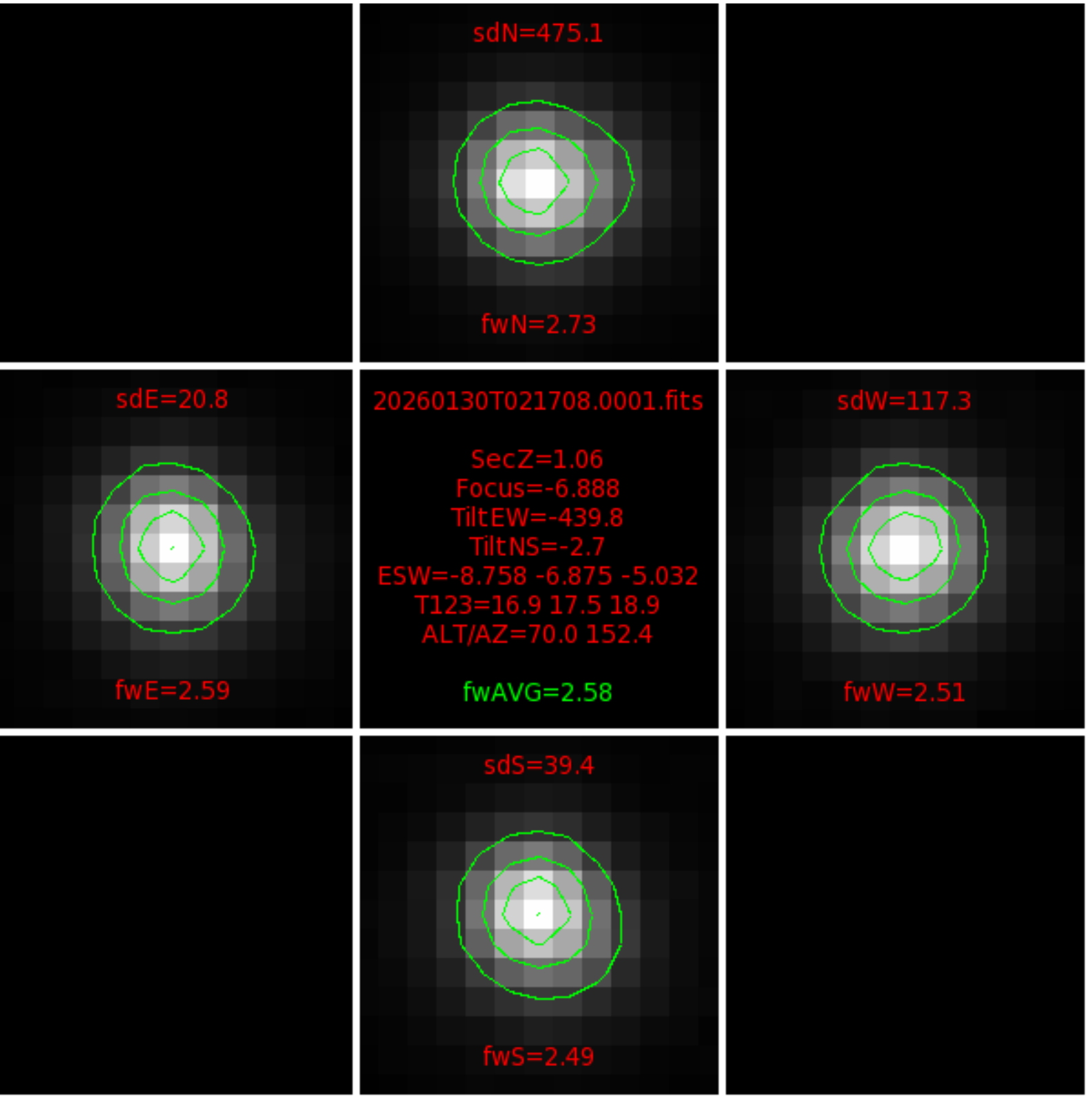

sdN=22.6
fwN=2.66
sdE=60.0
fwE=2.58
20260130T021226.0001.fits
SecZ=1.13
Focus=-6.888
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.758 -6.875 -5.032
T123=17.0 17.5 19.0
ALT/AZ=62.1 -175.4
fwAVG=2.52
sdW=54.7
fwW=2.51
sdS=291.0
fwS=2.32
0 0 0 0 0 0 0 0 0

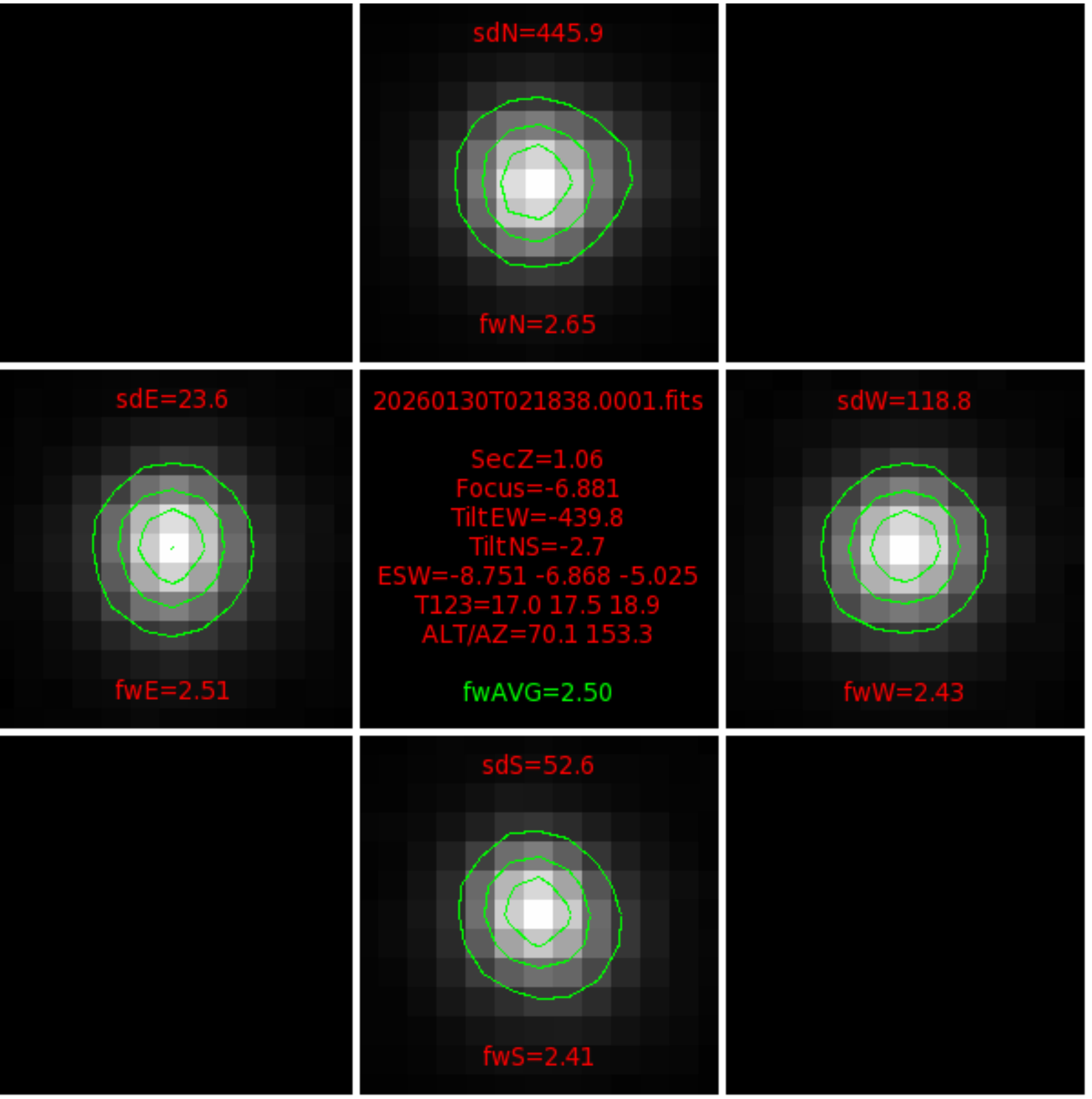

sdN=26.5
fwN=2.40
sdE=79.1
fwE=2.38
20260130T021256.0001.fits
SecZ=1.13
Focus=-6.888
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.758 -6.875 -5.032
T123=17.0 17.5 19.0
ALT/AZ=62.1 -175.1
fwAVG=2.32
sdW=65.6
fwW=2.26
sdS=317.2
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=105.5
fwN=2.71
sdE=39.6
fwE=2.54
20260130T021429.0001.fits
SecZ=1.07
Focus=-6.888
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.758 -6.875 -5.032
T123=17.0 17.5 19.0
ALT/AZ=69.7 150.7
fwAVG=2.51
sdW=42.3
fwW=2.43
sdS=183.9
fwS=2.37
0 0 0 0 0 0 0 0 0


sdN=276.6
fwN=2.85
sdE=8.9
fwE=2.72
20260130T021500.0001.fits
SecZ=1.07
Focus=-6.888
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.758 -6.875 -5.032
T123=17.0 17.5 19.0
ALT/AZ=69.7 151.0
fwAVG=2.69
sdW=47.7
fwW=2.55
sdS=11.8
fwS=2.63
0 0 0 0 0 0 0 0 0


sdN=367.4
fwN=2.81
sdE=12.8
fwE=2.66
20260130T021636.0001.fits
SecZ=1.06
Focus=-6.888
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.758 -6.875 -5.032
T123=16.9 17.5 18.9
ALT/AZ=69.9 152.0
fwAVG=2.62
sdW=64.4
fwW=2.47
sdS=20.0
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=475.1
fwN=2.73
sdE=20.8
fwE=2.59
20260130T021708.0001.fits
SecZ=1.06
Focus=-6.888
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.758 -6.875 -5.032
T123=16.9 17.5 18.9
ALT/AZ=70.0 152.4
fwAVG=2.58
sdW=117.3
fwW=2.51
sdS=39.4
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=445.9
fwN=2.65
sdE=23.6
fwE=2.51
20260130T021838.0001.fits
SecZ=1.06
Focus=-6.881
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.751 -6.868 -5.025
T123=17.0 17.5 18.9
ALT/AZ=70.1 153.3
fwAVG=2.50
sdW=118.8
fwW=2.43
sdS=52.6
fwS=2.41
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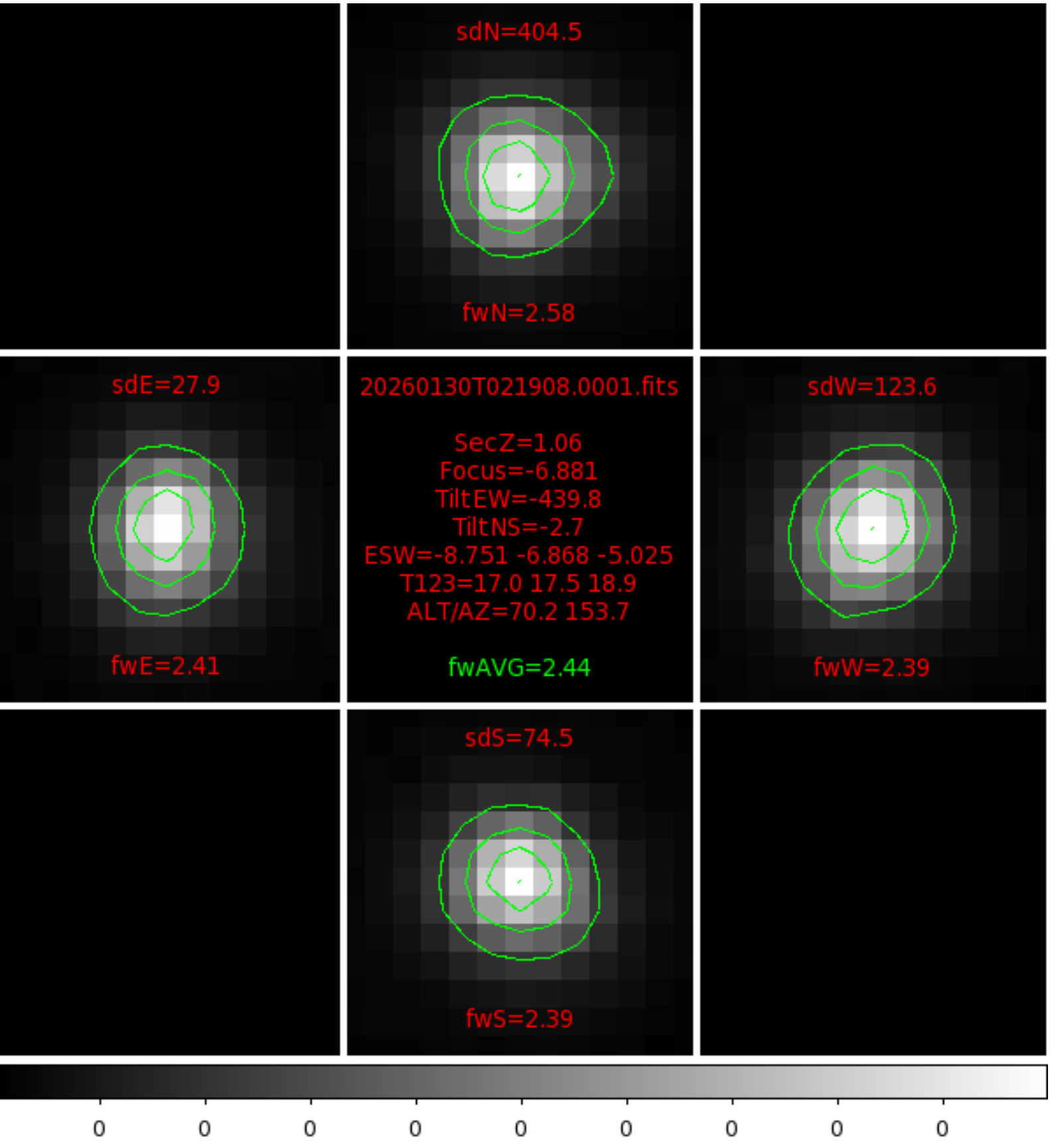
sdN=404.5
fwN=2.58
sdE=27.9
fwE=2.41
20260130T021908.0001.fits
SecZ=1.06
Focus=-6.881
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.751 -6.868 -5.025
T123=17.0 17.5 18.9
ALT/AZ=70.2 153.7
fwAVG=2.44
sdW=123.6
fwW=2.39
sdS=74.5
fwS=2.39
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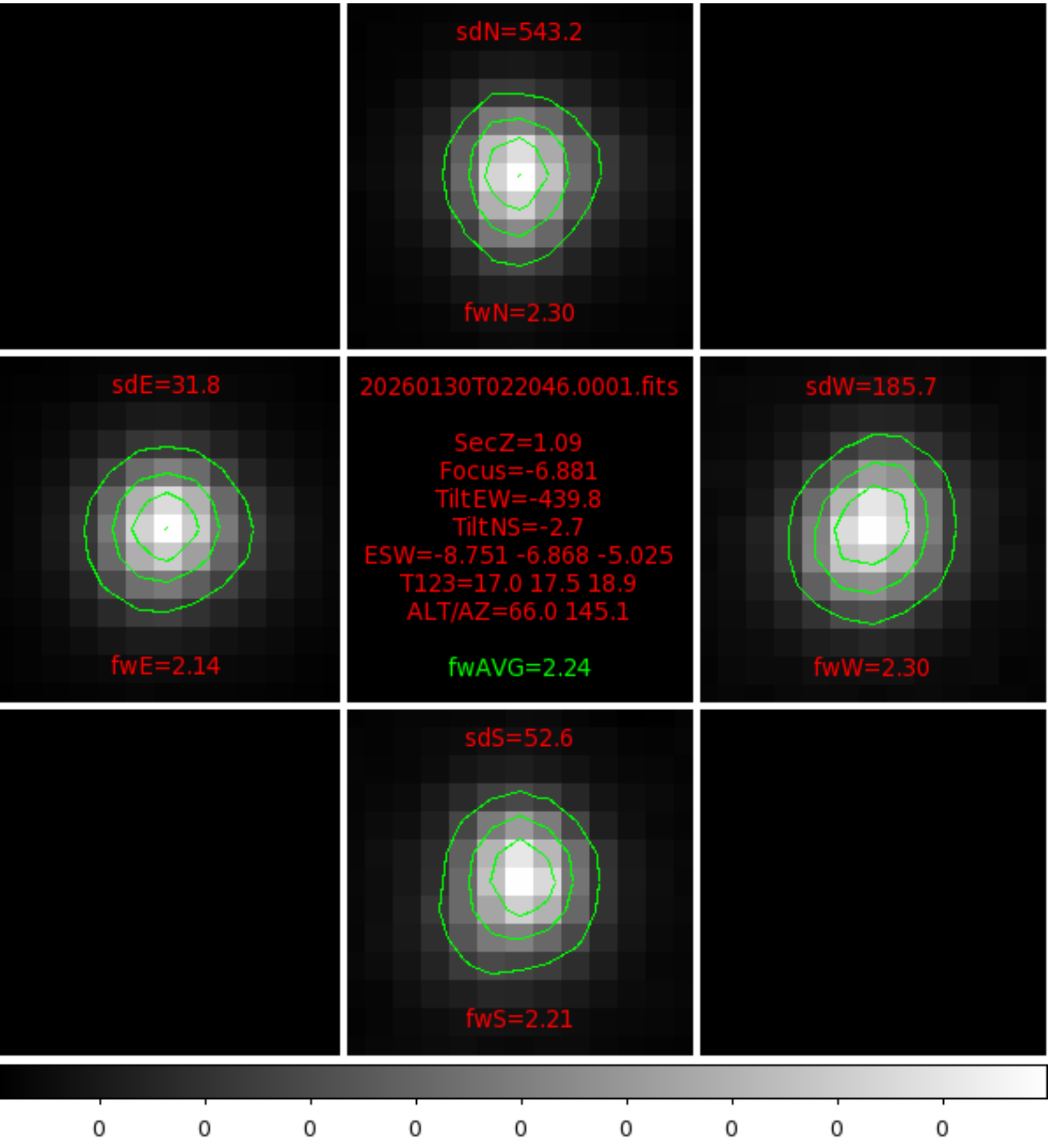
sdN=543.2
fwN=2.30
sdE=31.8
fwE=2.14
20260130T022046.0001.fits
SecZ=1.09
Focus=-6.881
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.751 -6.868 -5.025
T123=17.0 17.5 18.9
ALT/AZ=66.0 145.1
fwAVG=2.24
sdW=185.7
fwW=2.30
sdS=52.6
fwS=2.21
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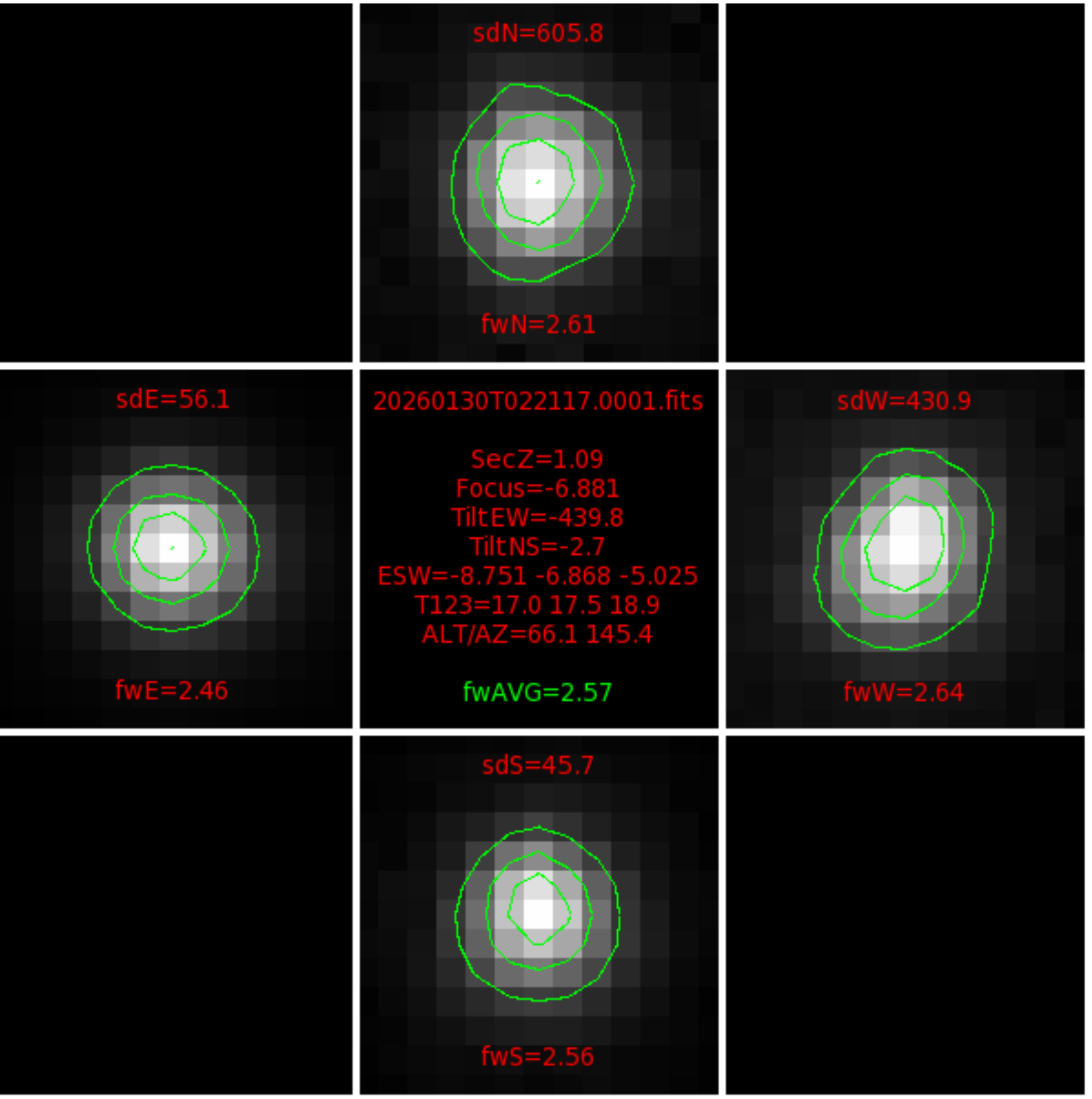
sdN=605.8
fwN=2.61
sdE=56.1
fwE=2.46
20260130T022117.0001.fits
SecZ=1.09
Focus=-6.881
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.751 -6.868 -5.025
T123=17.0 17.5 18.9
ALT/AZ=66.1 145.4
fwAVG=2.57
sdW=430.9
fwW=2.64
sdS=45.7
fwS=2.56
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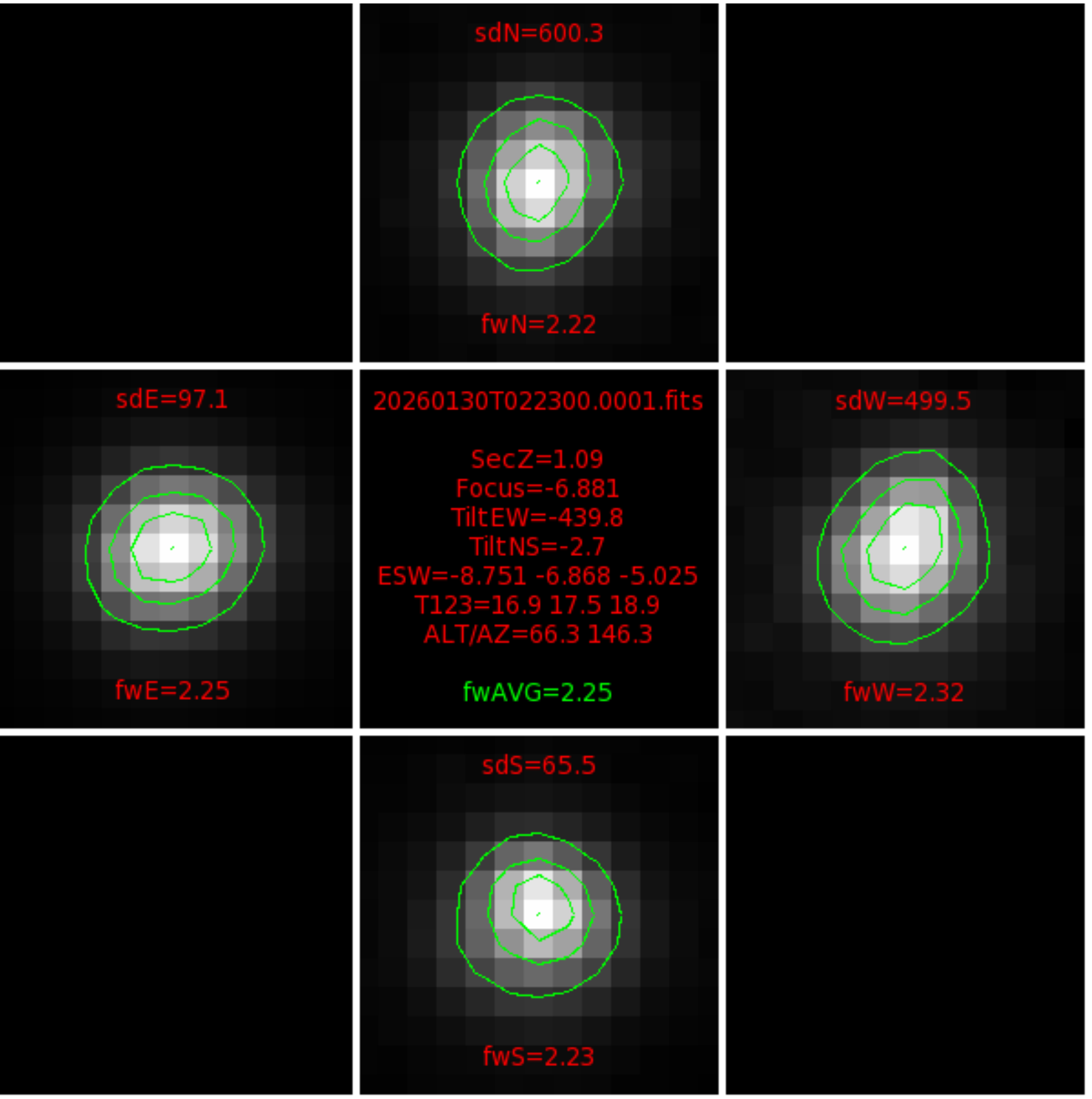
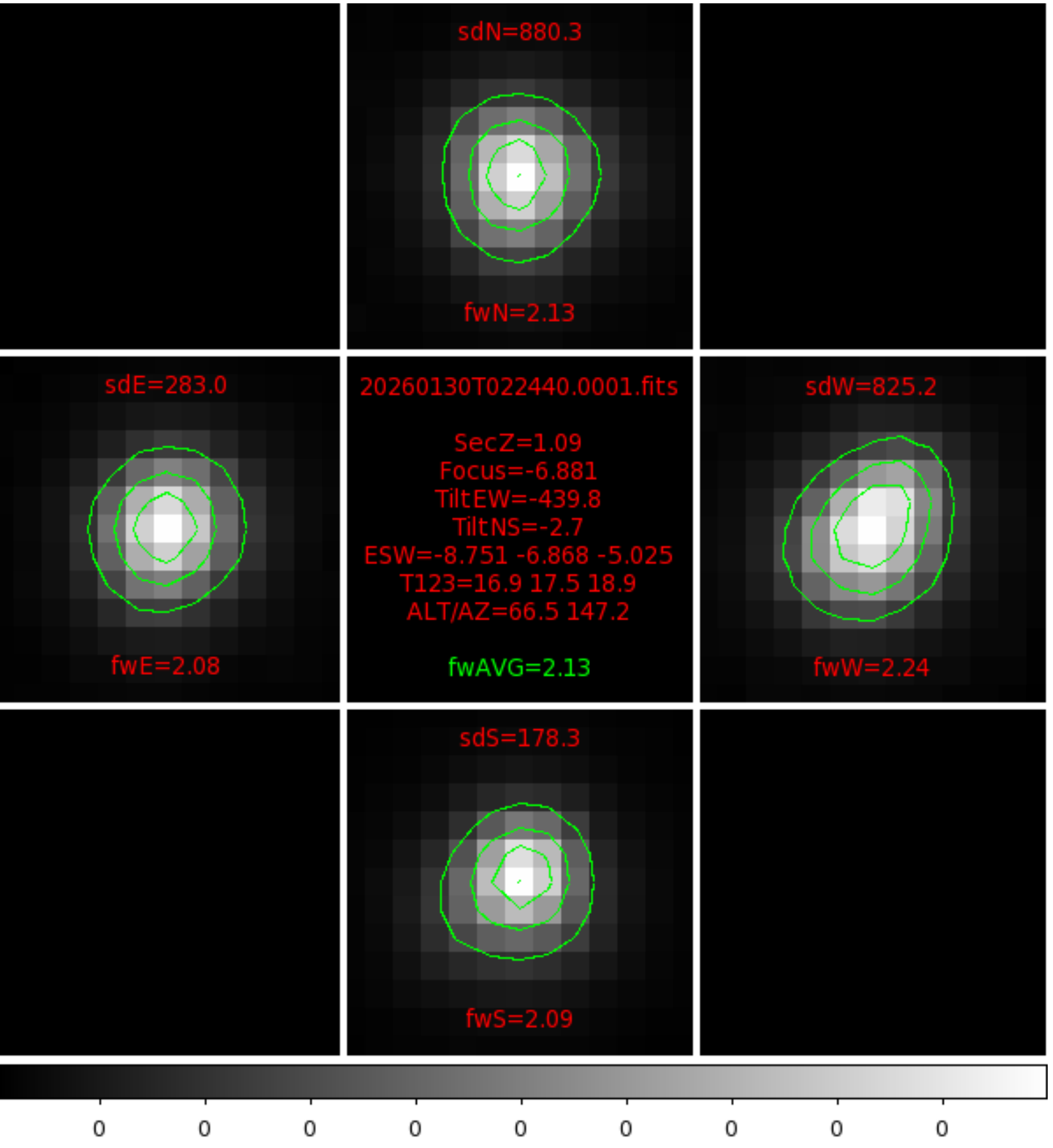
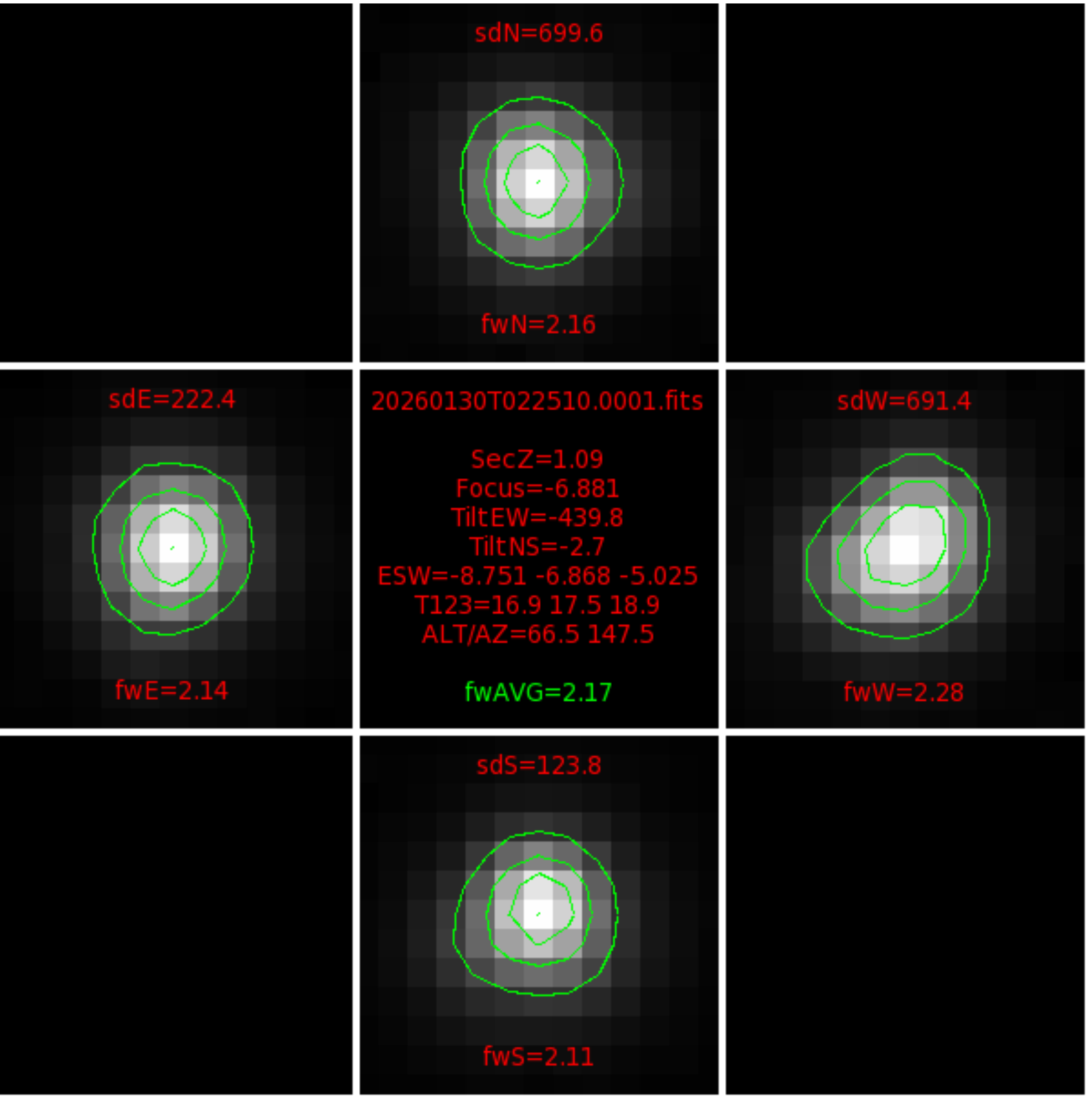

sdN=600.3
fwN=2.22
sdE=97.1
fwE=2.25
20260130T022300.0001.fits
SecZ=1.09
Focus=-6.881
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.751 -6.868 -5.025
T123=16.9 17.5 18.9
ALT/AZ=66.3 146.3
fwAVG=2.25
sdW=499.5
fwW=2.32
sdS=65.5
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=880.3
fwN=2.13
sdE=283.0
fwE=2.08
20260130T022440.0001.fits
SecZ=1.09
Focus=-6.881
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.751 -6.868 -5.025
T123=16.9 17.5 18.9
ALT/AZ=66.5 147.2
fwAVG=2.13
sdW=825.2
fwW=2.24
sdS=178.3
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=699.6
fwN=2.16
sdE=222.4
fwE=2.14
20260130T022510.0001.fits
SecZ=1.09
Focus=-6.881
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.751 -6.868 -5.025
T123=16.9 17.5 18.9
ALT/AZ=66.5 147.5
fwAVG=2.17
sdW=691.4
fwW=2.28
sdS=123.8
fwS=2.11
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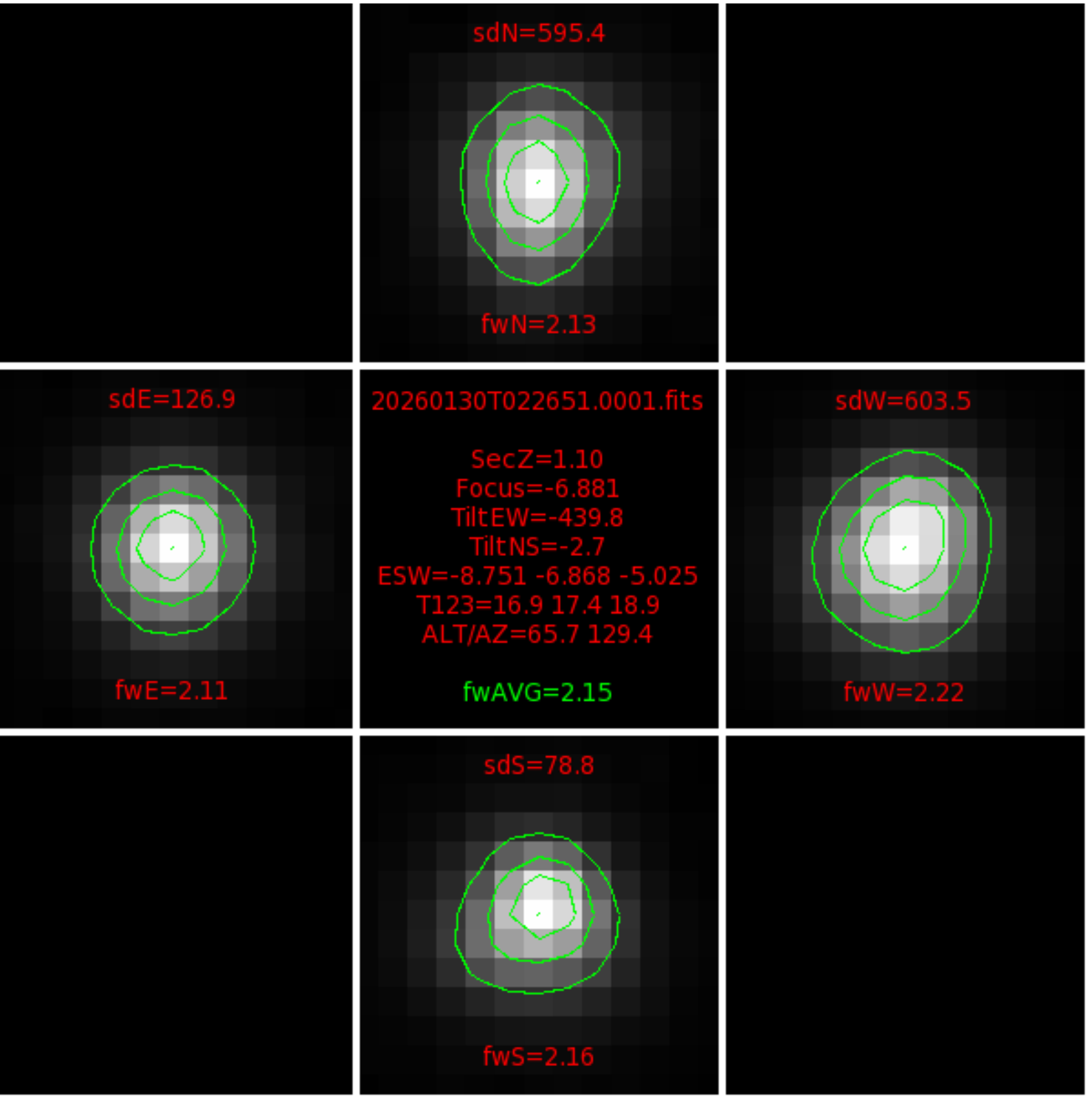
sdN=595.4
fwN=2.13
sdE=126.9
fwE=2.11
20260130T022651.0001.fits
SecZ=1.10
Focus=-6.881
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.751 -6.868 -5.025
T123=16.9 17.4 18.9
ALT/AZ=65.7 129.4
fwAVG=2.15
sdW=603.5
fwW=2.22
sdS=78.8
fwS=2.16
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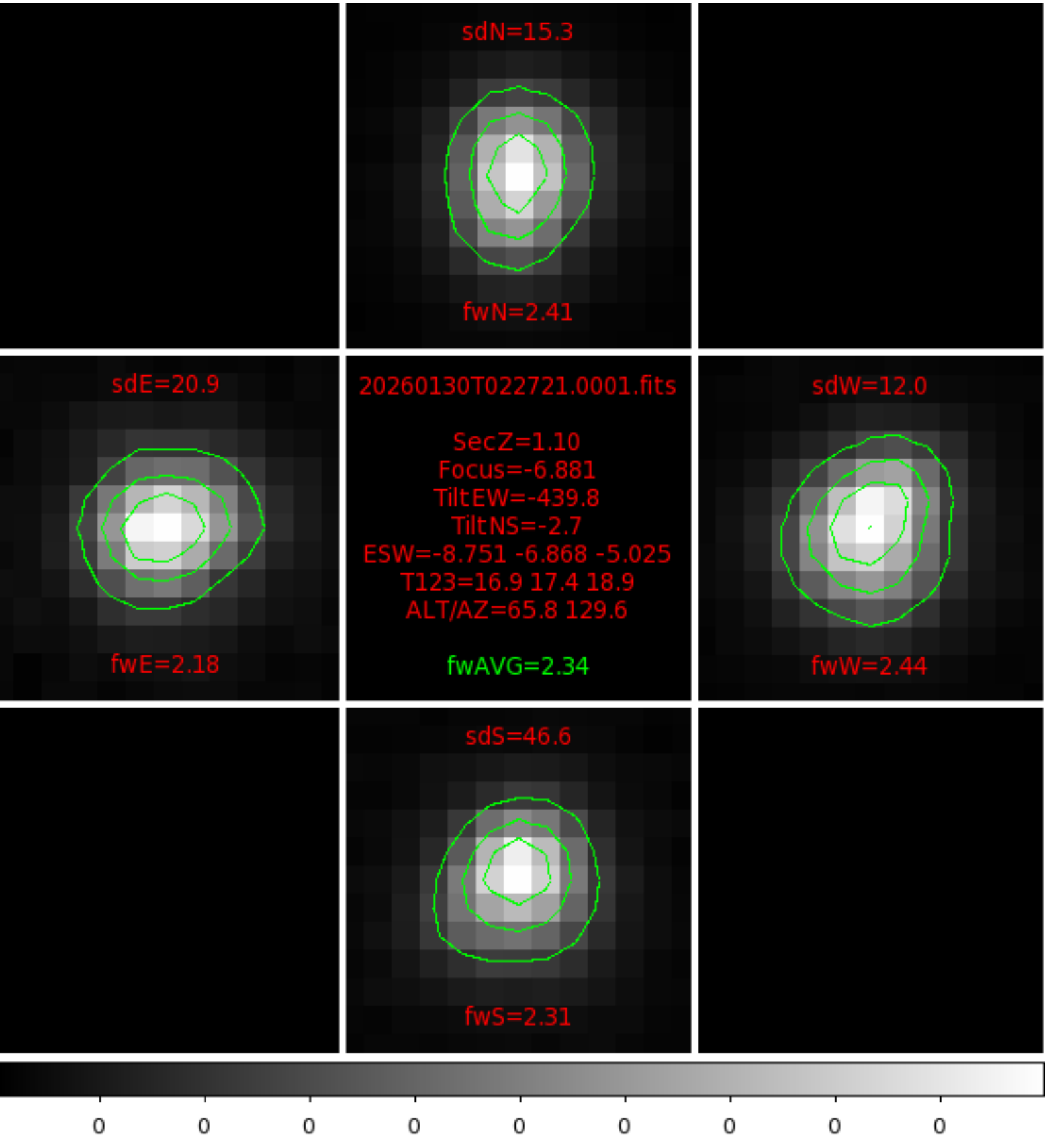
sdN=15.3
fwN=2.41
sdE=20.9
fwE=2.18
20260130T022721.0001.fits
SecZ=1.10
Focus=-6.881
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.751 -6.868 -5.025
T123=16.9 17.4 18.9
ALT/AZ=65.8 129.6
fwAVG=2.34
sdW=12.0
fwW=2.44
sdS=46.6
fwS=2.31
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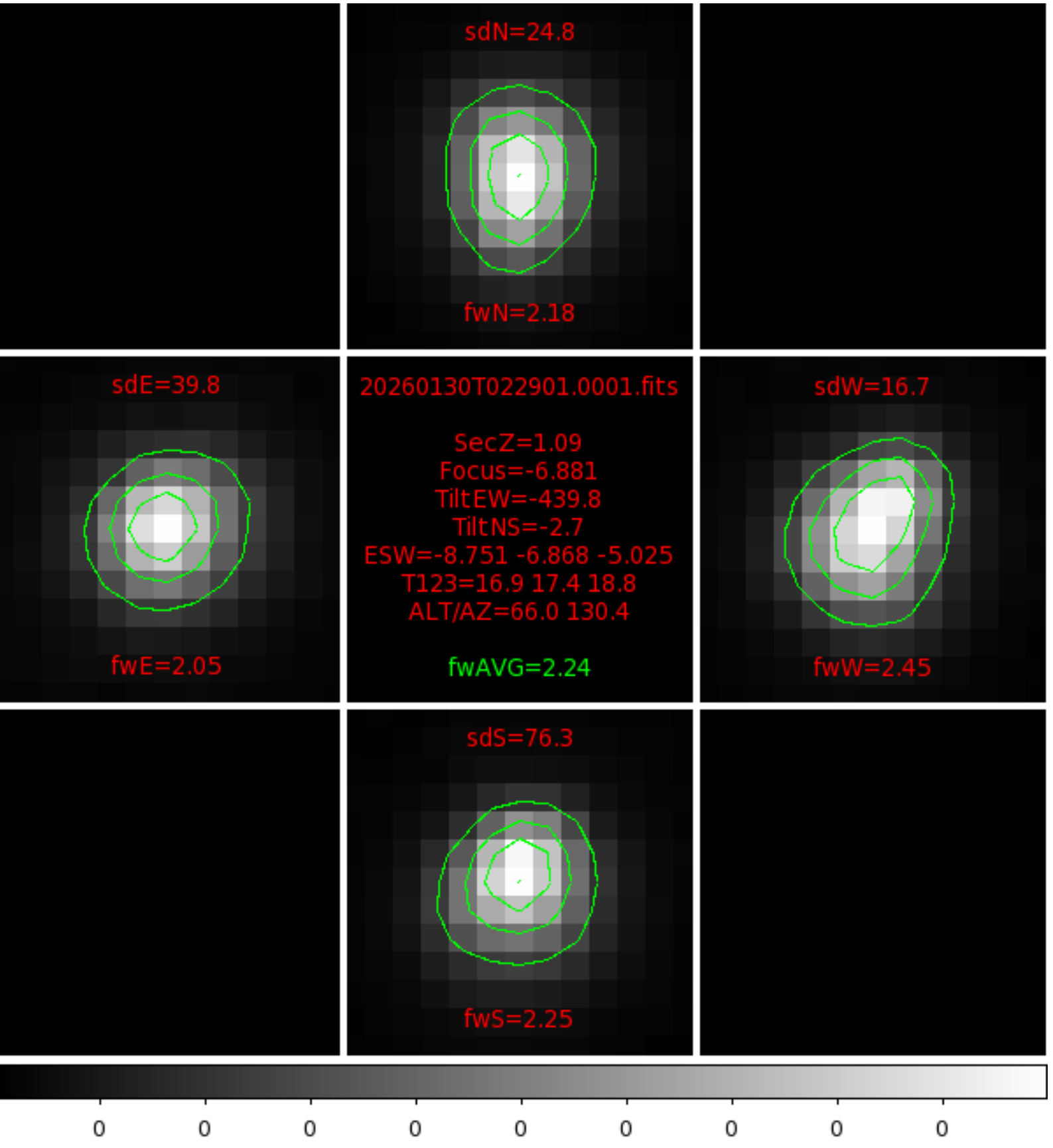
sdN=24.8
fwN=2.18
sdE=39.8
fwE=2.05
20260130T022901.0001.fits
SecZ=1.09
Focus=-6.881
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.751 -6.868 -5.025
T123=16.9 17.4 18.8
ALT/AZ=66.0 130.4
fwAVG=2.24
sdW=16.7
fwW=2.45
sdS=76.3
fwS=2.25
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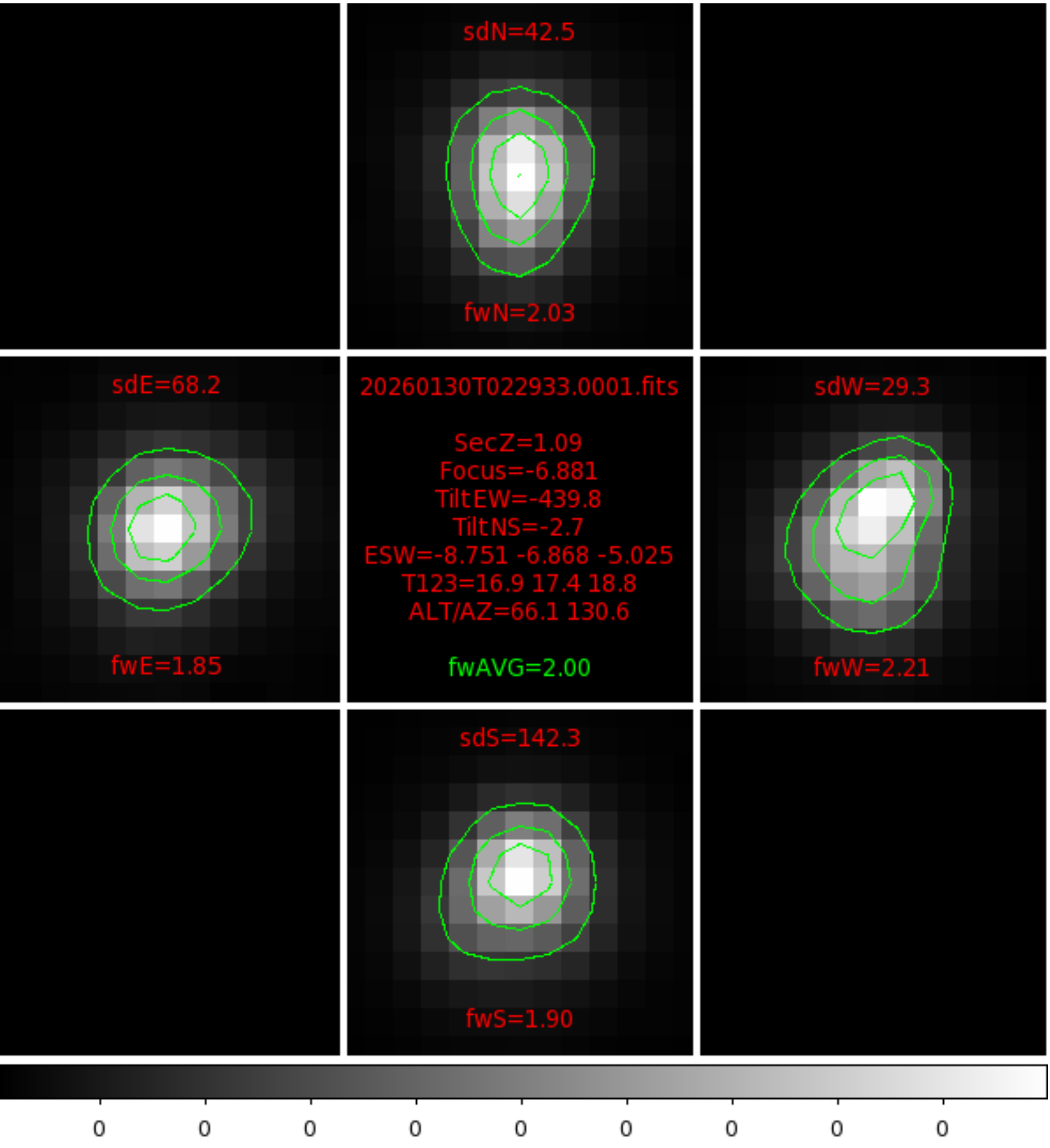
sdN=42.5
fwN=2.03
sdE=68.2
fwE=1.85
20260130T022933.0001.fits
SecZ=1.09
Focus=-6.881
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.751 -6.868 -5.025
T123=16.9 17.4 18.8
ALT/AZ=66.1 130.6
fwAVG=2.00
sdW=29.3
fwW=2.21
sdS=142.3
fwS=1.90
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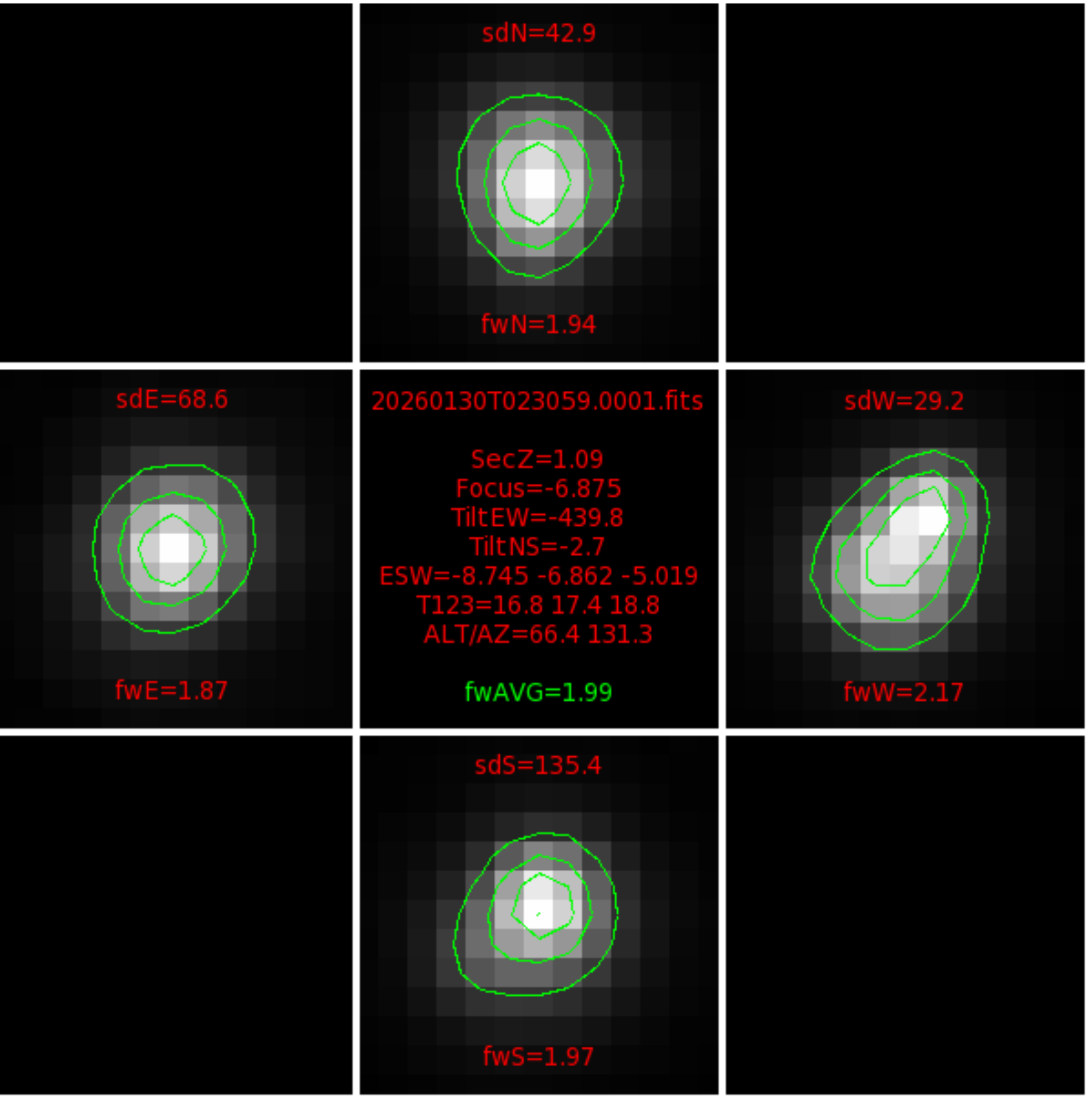
sdN=42.9
fwN=1.94
sdE=68.6
fwE=1.87
20260130T023059.0001.fits
SecZ=1.09
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=16.8 17.4 18.8
ALT/AZ=66.4 131.3
fwAVG=1.99
sdW=29.2
fwW=2.17
sdS=135.4
fwS=1.97
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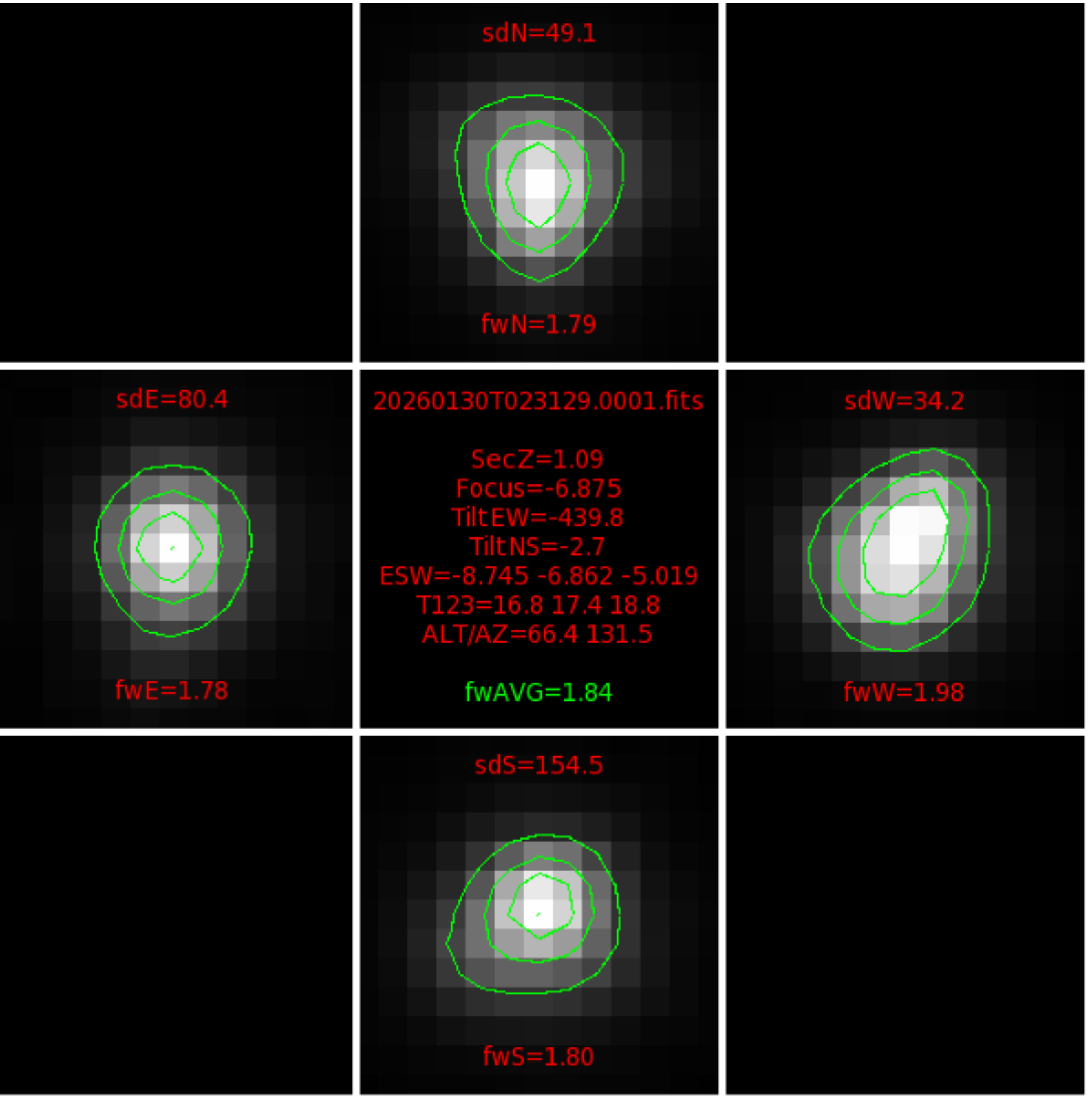
sdN=49.1
fwN=1.79
sdE=80.4
fwE=1.78
20260130T023129.0001.fits
SecZ=1.09
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=16.8 17.4 18.8
ALT/AZ=66.4 131.5
fwAVG=1.84
sdW=34.2
fwW=1.98
sdS=154.5
fwS=1.80
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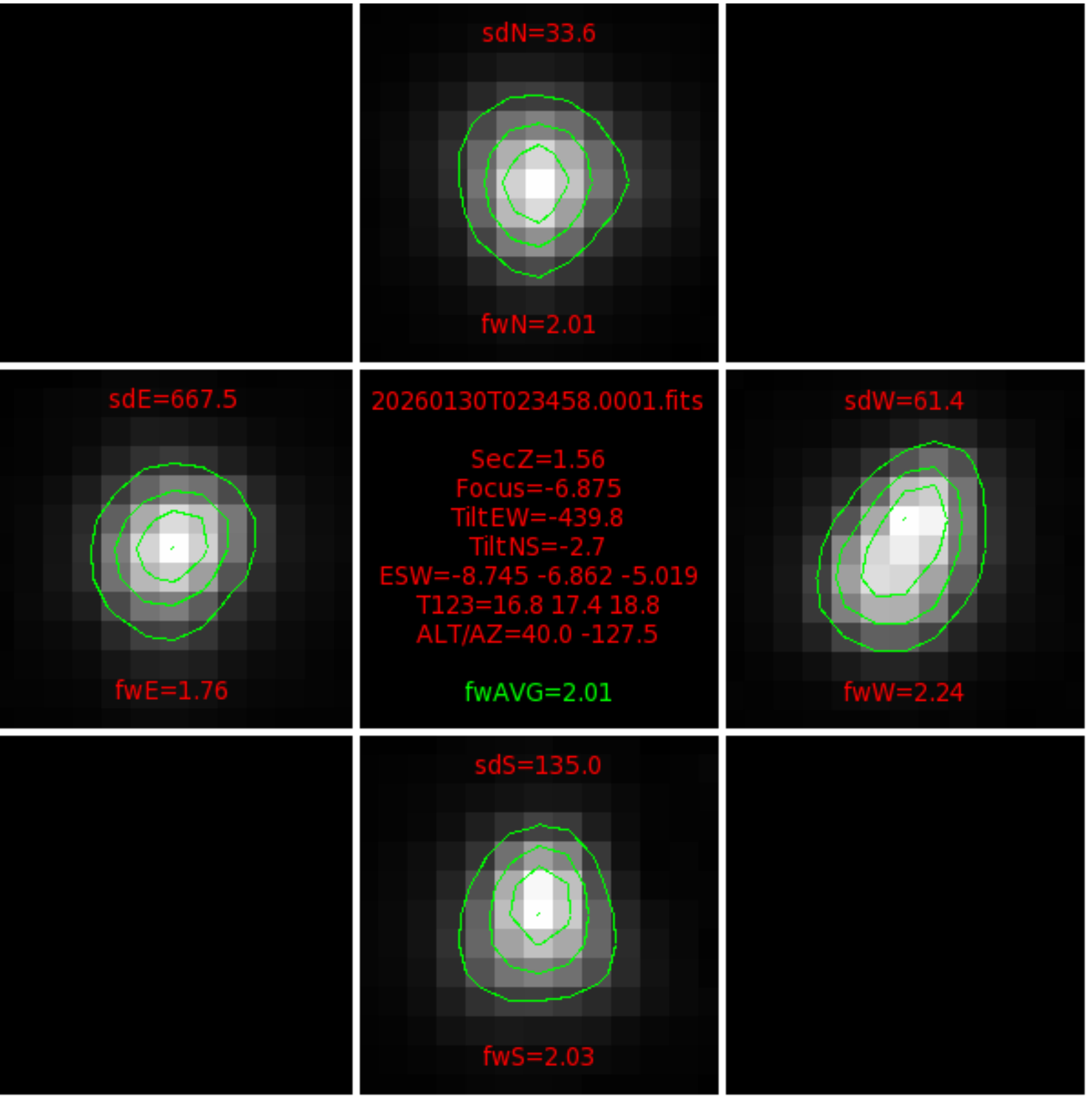
sdN=33.6
fwN=2.01
sdE=667.5
fwE=1.76
20260130T023458.0001.fits
SecZ=1.56
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=16.8 17.4 18.8
ALT/AZ=40.0 -127.5
fwAVG=2.01
sdW=61.4
fwW=2.24
sdS=135.0
fwS=2.03
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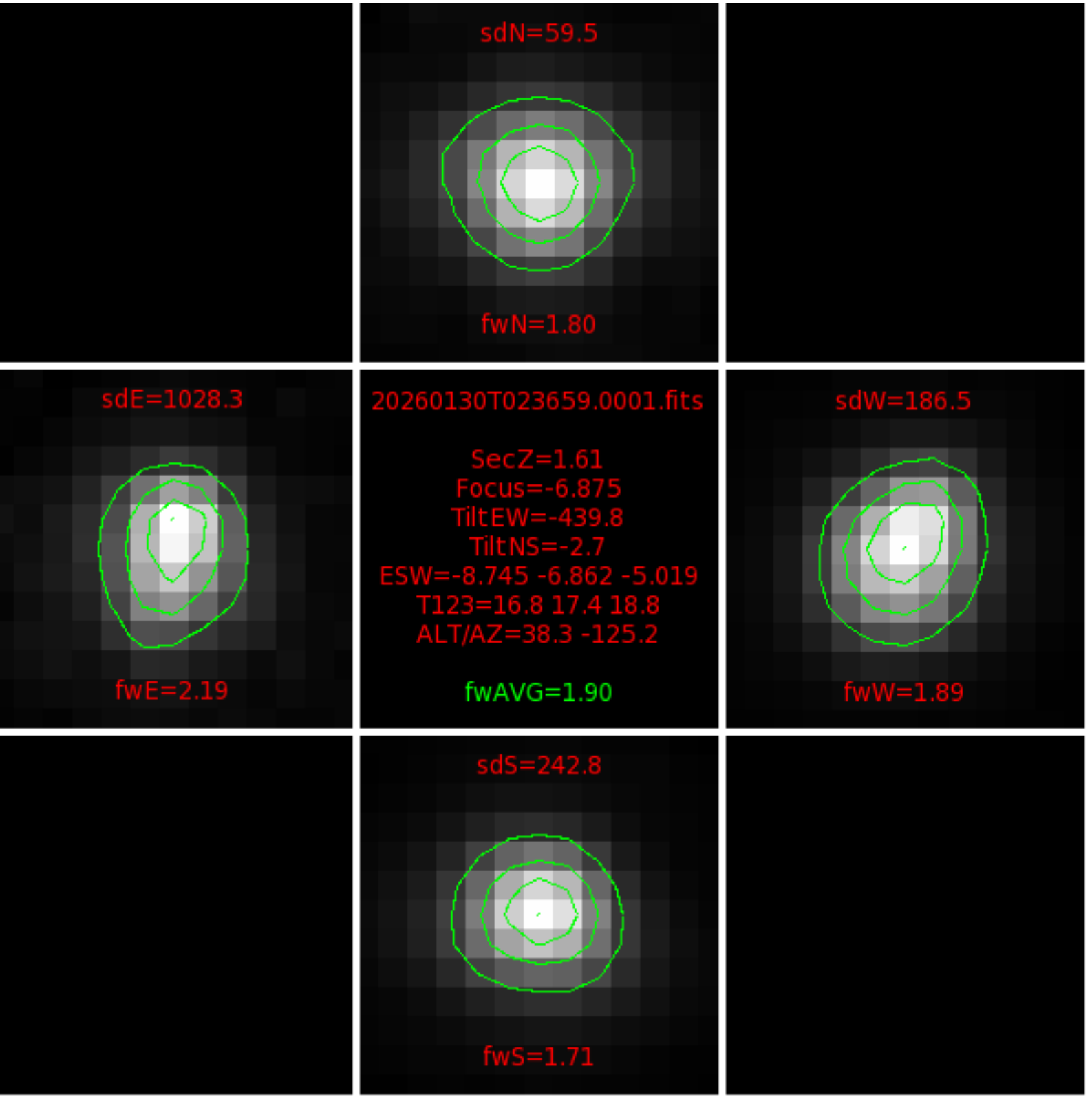
sdN=59.5
fwN=1.80
sdE=1028.3
fwE=2.19
20260130T023659.0001.fits
SecZ=1.61
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=16.8 17.4 18.8
ALT/AZ=38.3 -125.2
fwAVG=1.90
sdW=186.5
fwW=1.89
sdS=242.8
fwS=1.71
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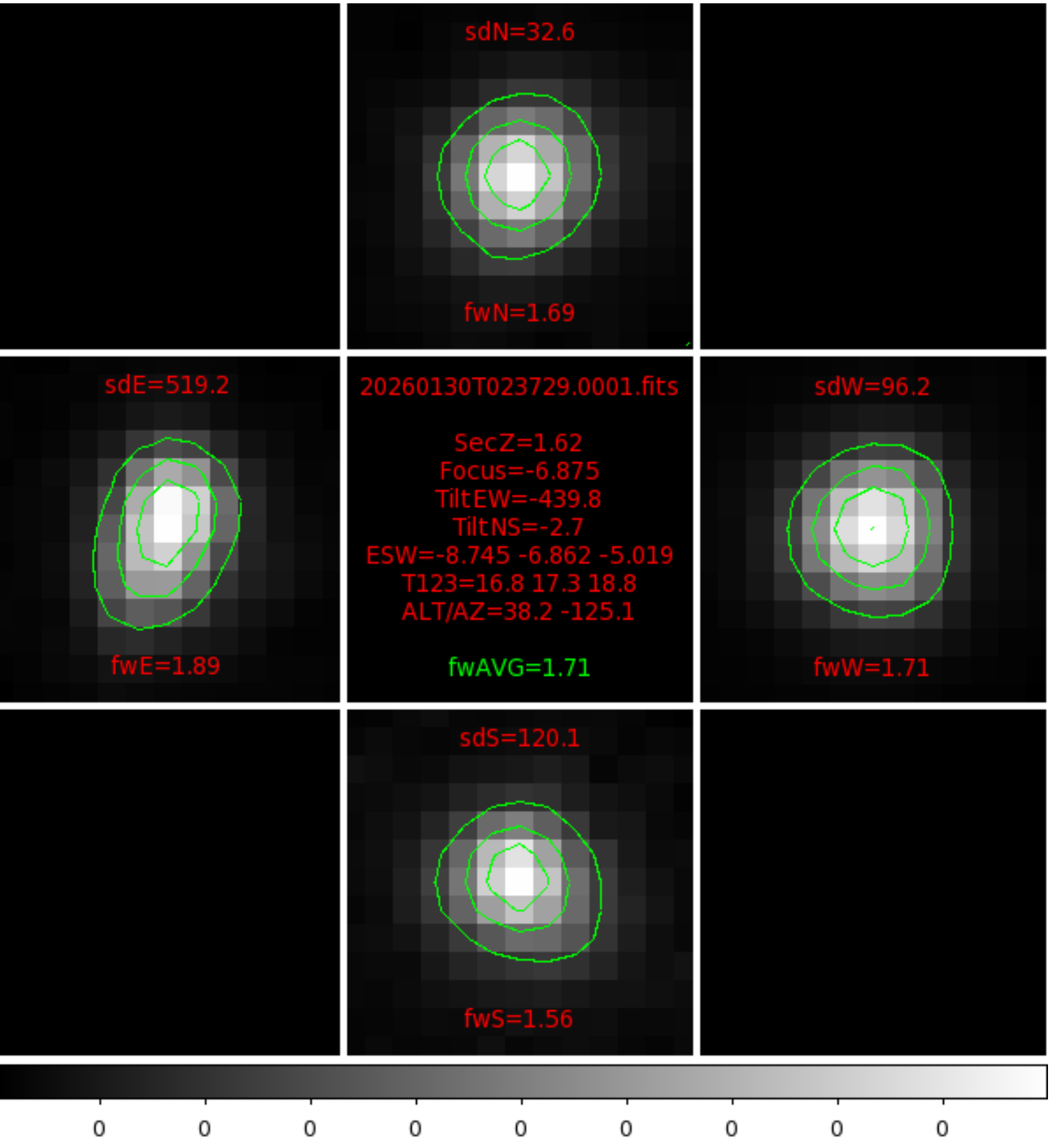
sdN=32.6
fwN=1.69
sdE=519.2
fwE=1.89
20260130T023729.0001.fits
SecZ=1.62
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=16.8 17.3 18.8
ALT/AZ=38.2 -125.1
fwAVG=1.71
sdW=96.2
fwW=1.71
sdS=120.1
fwS=1.56
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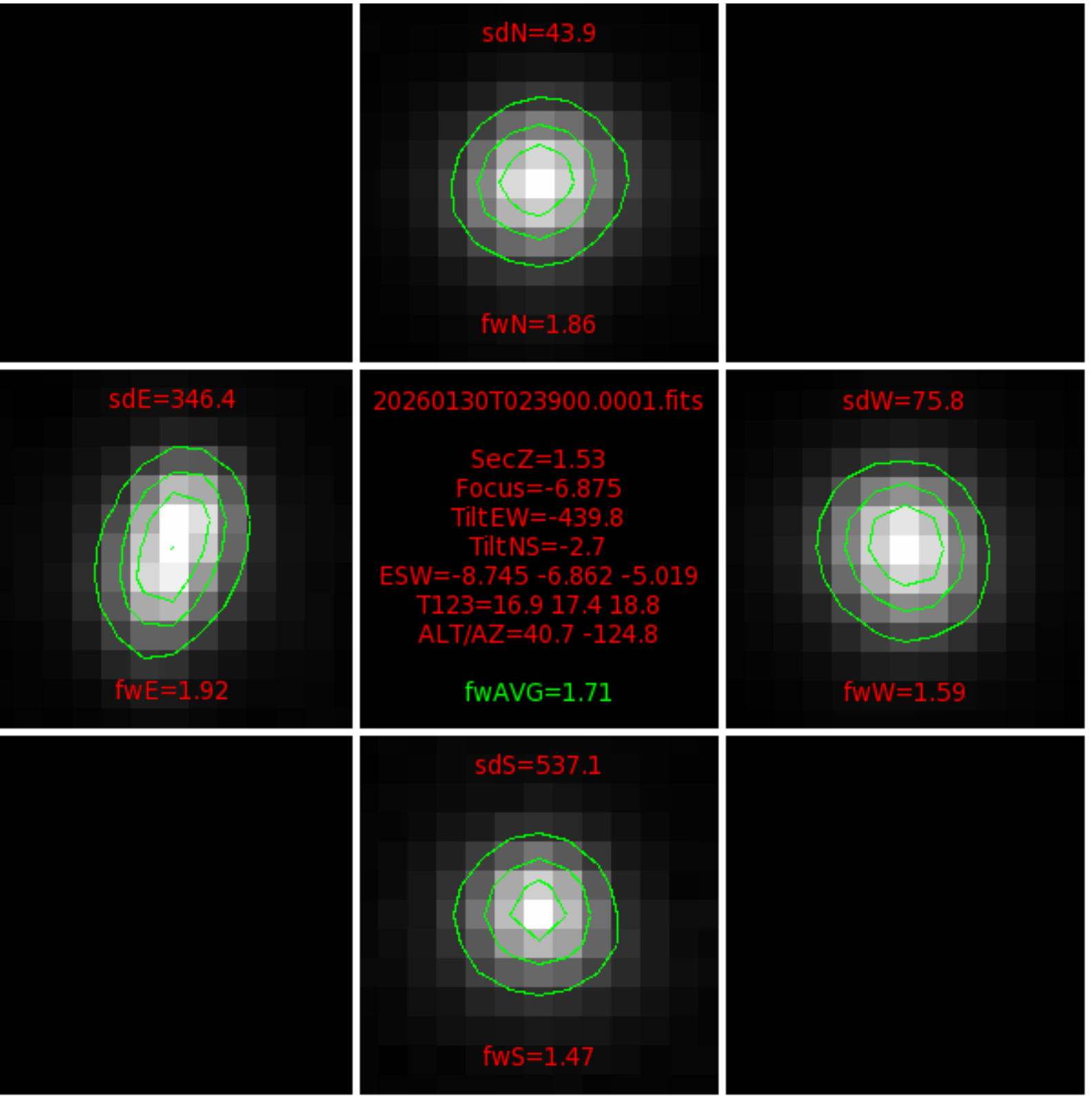
sdN=43.9
fwN=1.86
sdE=346.4
fwE=1.92
20260130T023900.0001.fits
SecZ=1.53
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=16.9 17.4 18.8
ALT/AZ=40.7 -124.8
fwAVG=1.71
sdW=75.8
fwW=1.59
sdS=537.1
fwS=1.47
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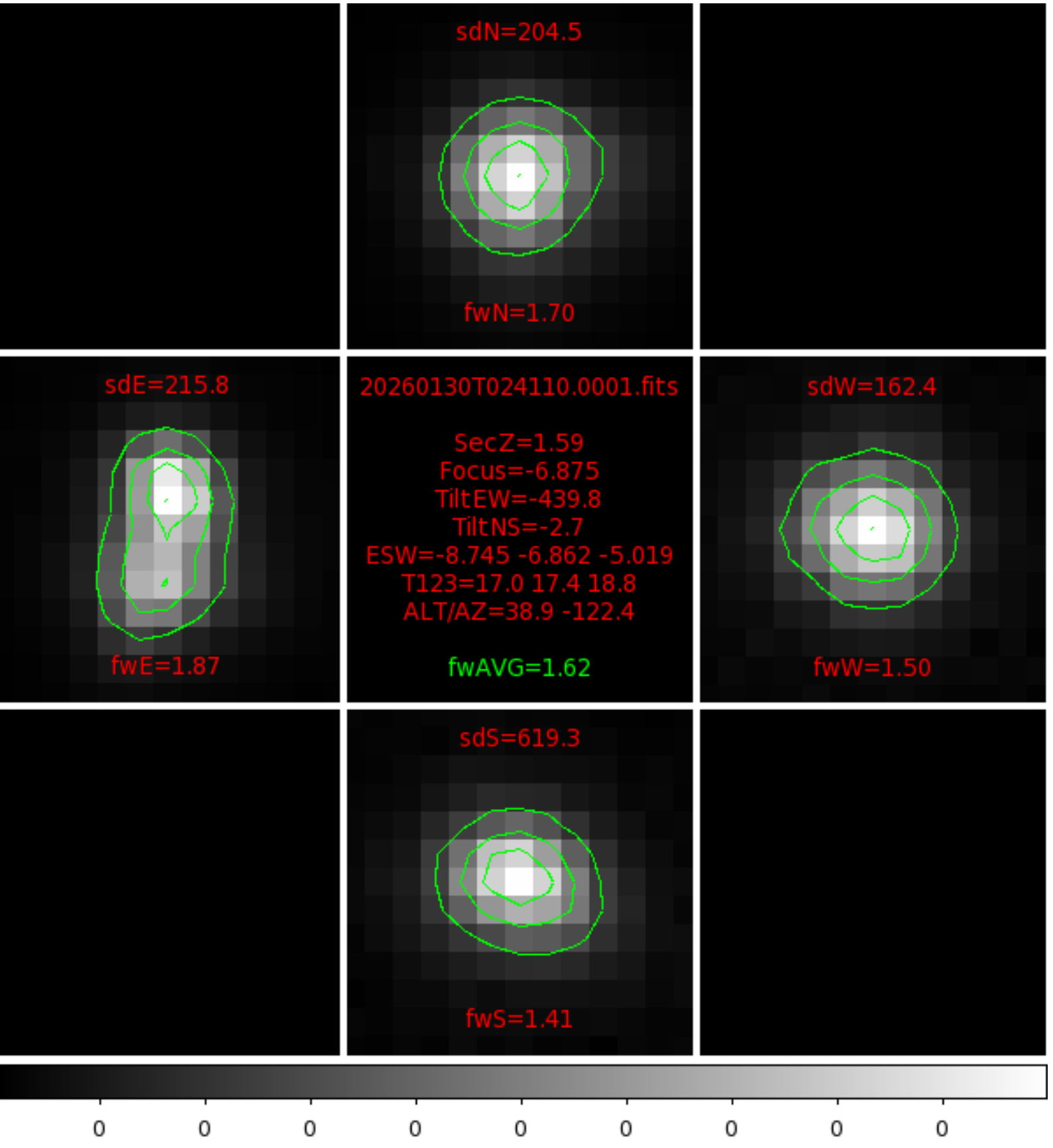
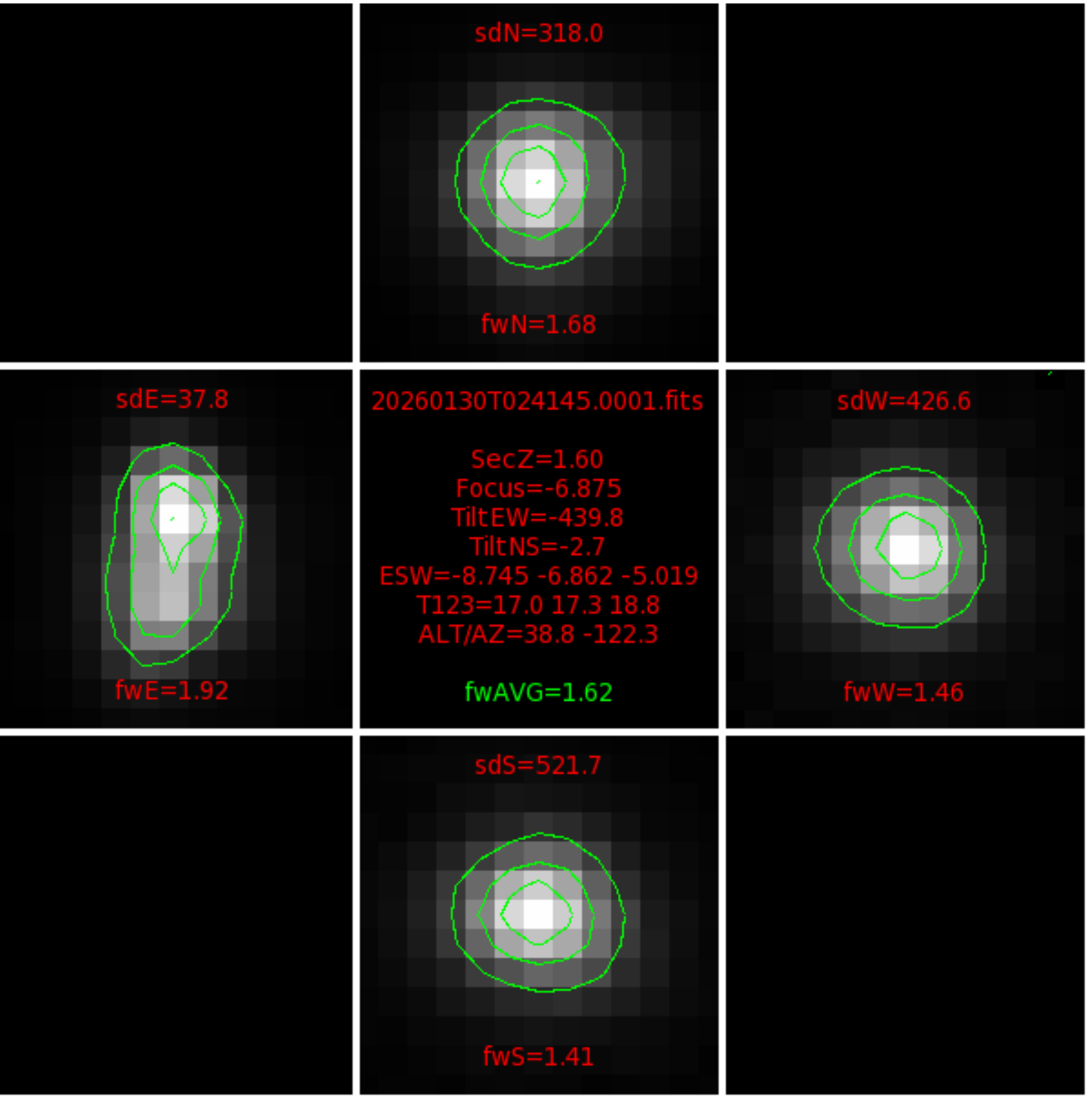
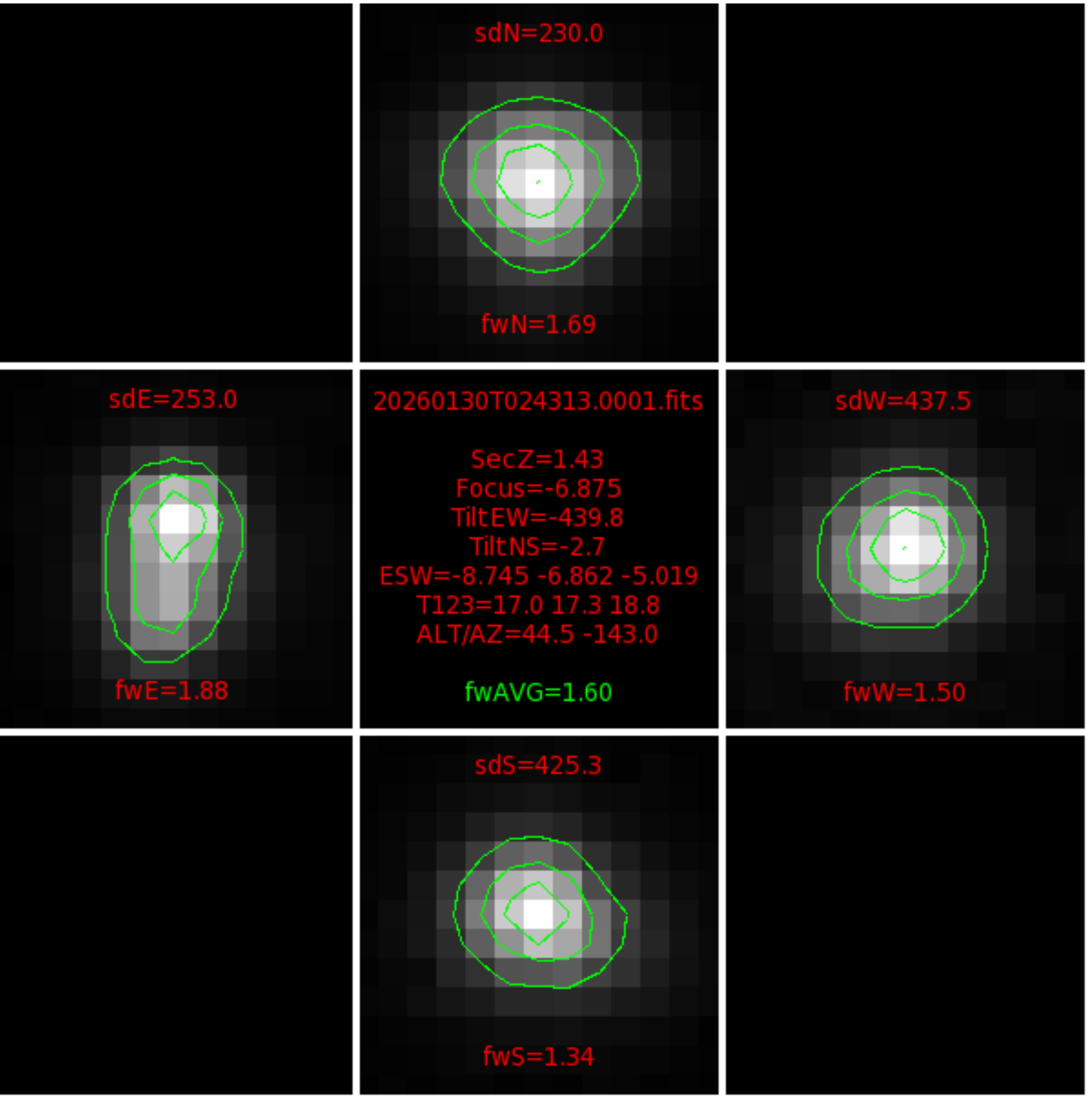
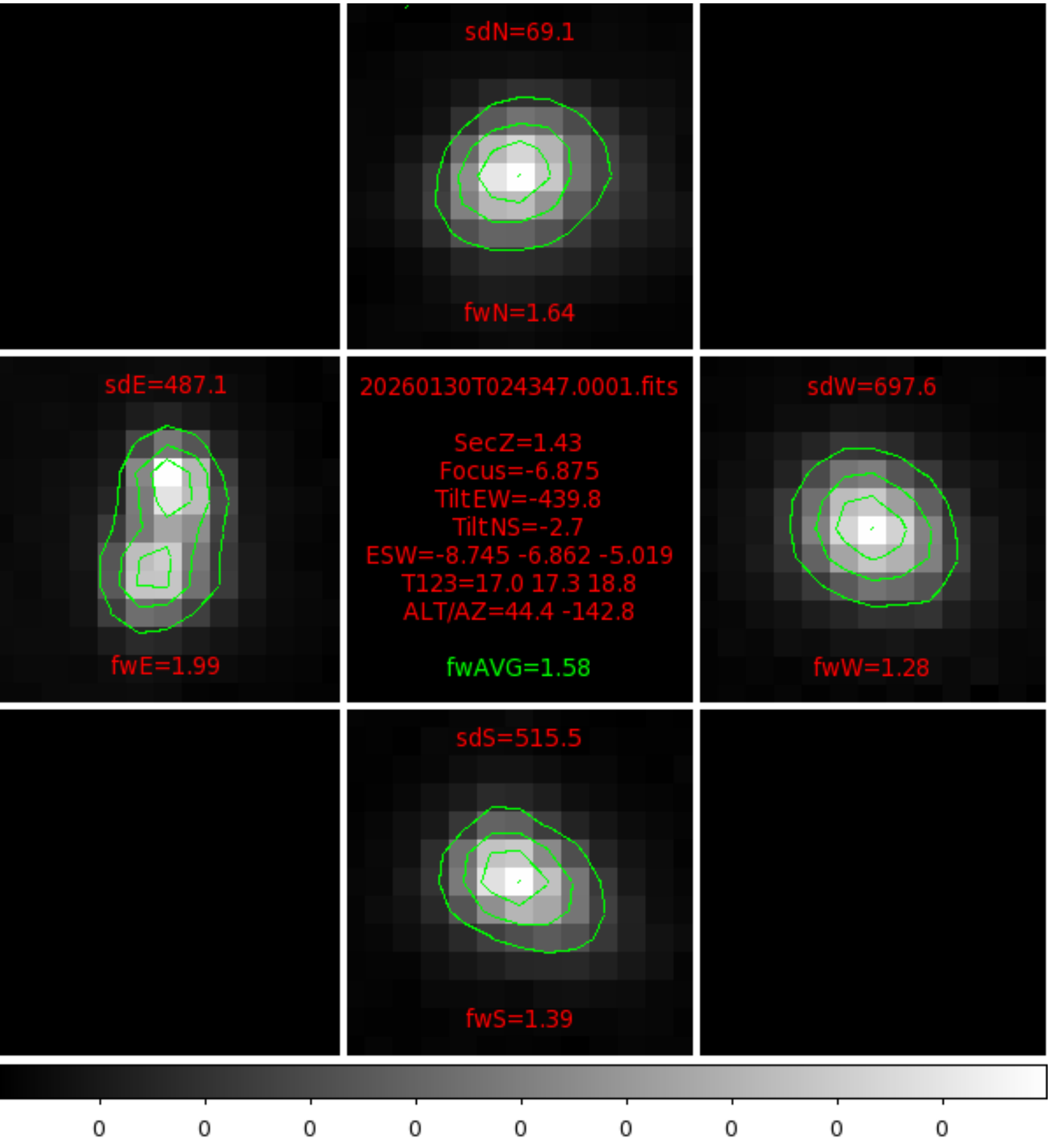
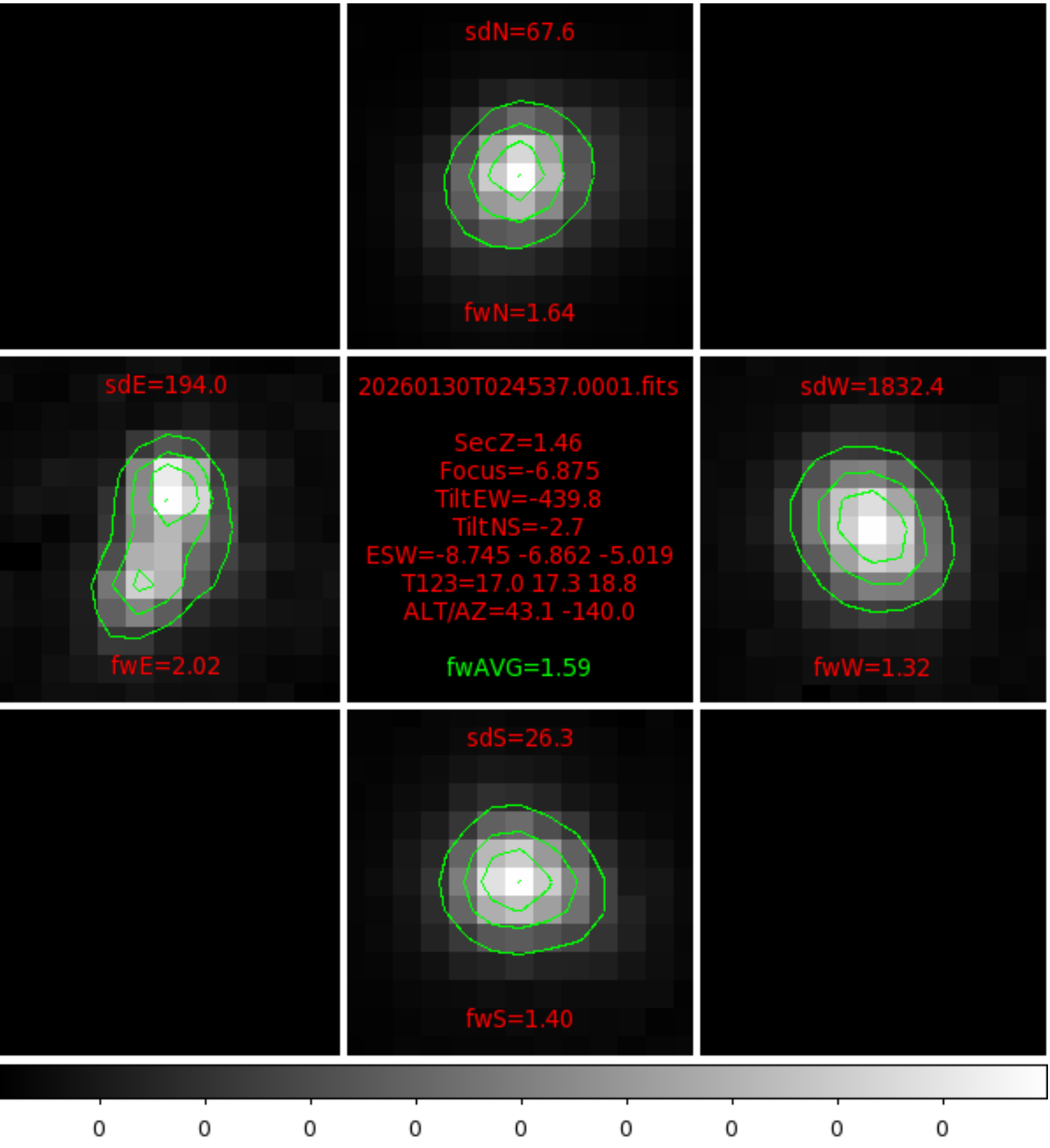
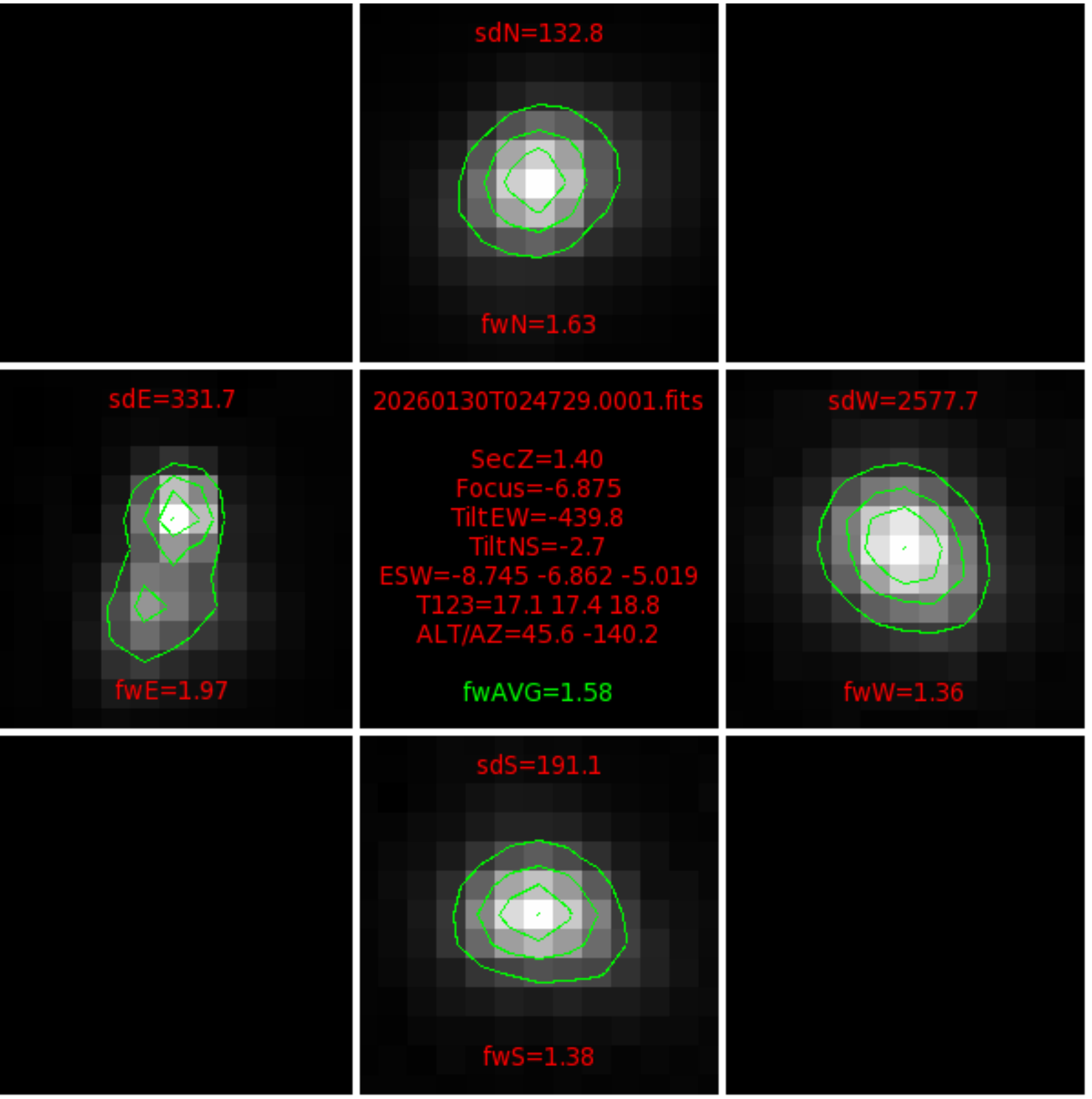

sdN=204.5
fwN=1.70
sdE=215.8
fwE=1.87
20260130T024110.0001.fits
SecZ=1.59
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=17.0 17.4 18.8
ALT/AZ=38.9 -122.4
fwAVG=1.62
sdW=162.4
fwW=1.50
sdS=619.3
fwS=1.41
0 0 0 0 0 0 0 0 0

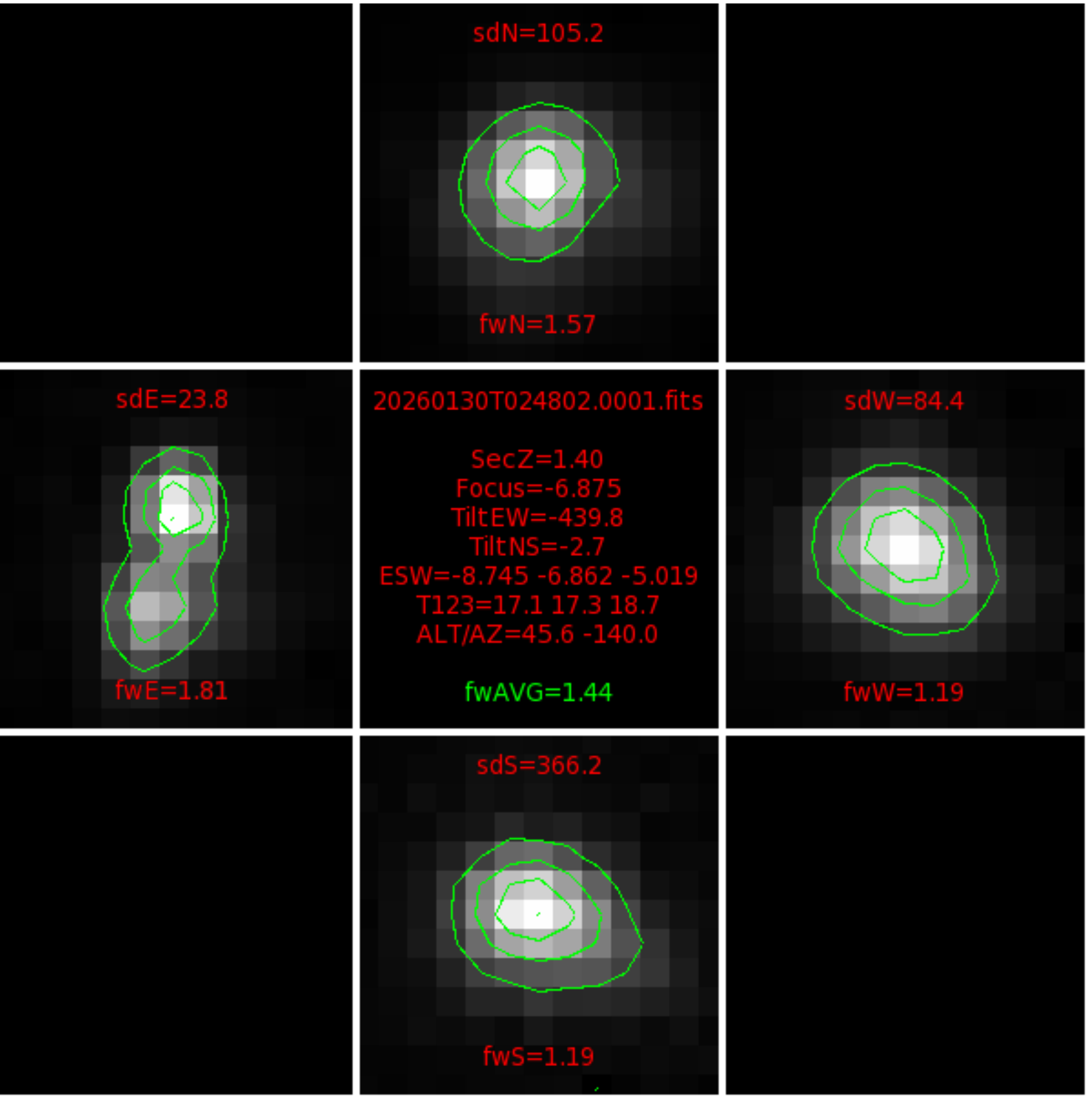

sdN=318.0
fwN=1.68
sdE=37.8
fwE=1.92
20260130T024145.0001.fits
SecZ=1.60
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=17.0 17.3 18.8
ALT/AZ=38.8 -122.3
fwAVG=1.62
sdW=426.6
fwW=1.46
sdS=521.7
fwS=1.41
0 0 0 0 0 0 0 0 0

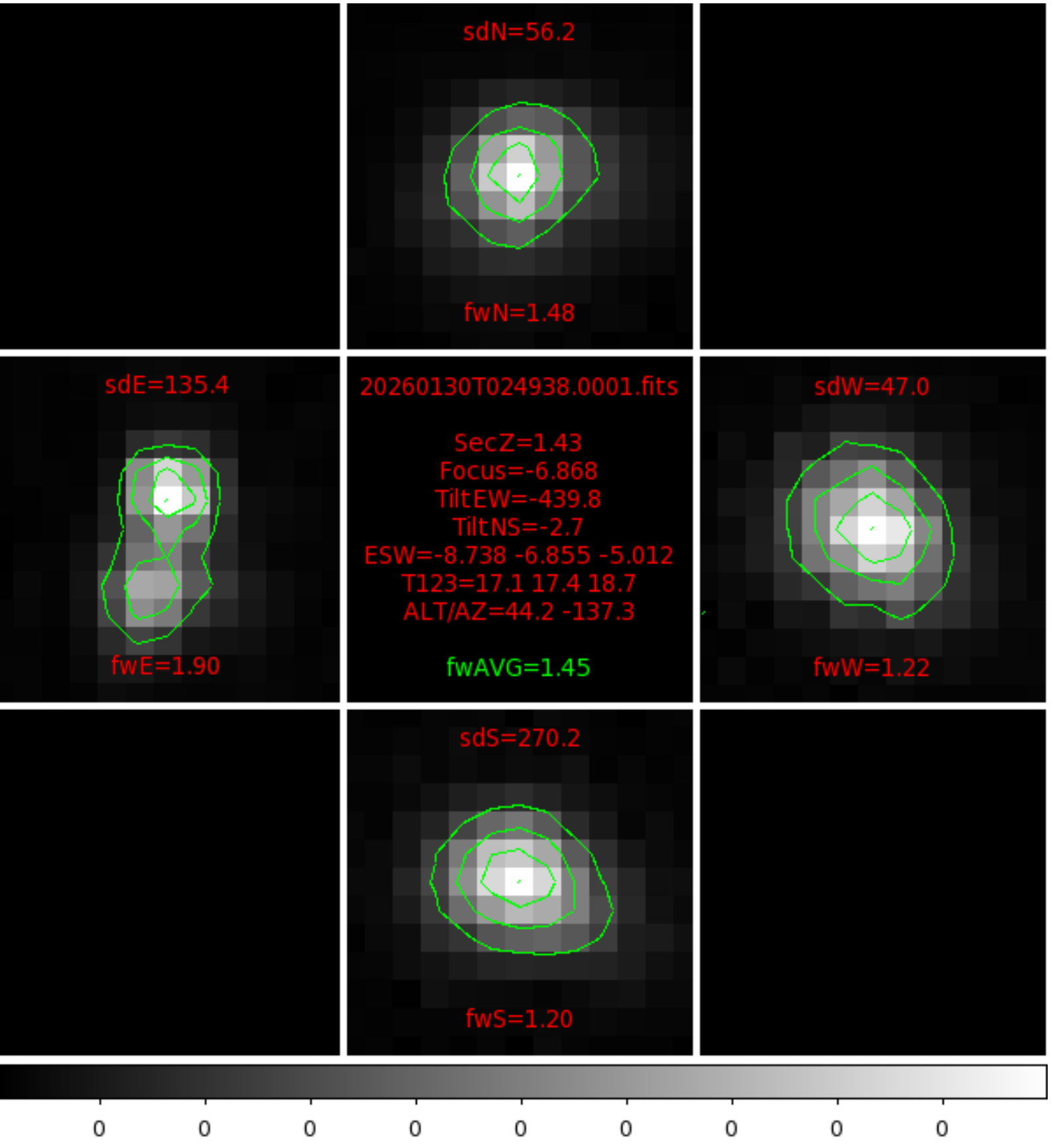

sdN=230.0
fwN=1.69
sdE=253.0
fwE=1.88
20260130T024313.0001.fits
SecZ=1.43
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=17.0 17.3 18.8
ALT/AZ=44.5 -143.0
fwAVG=1.60
sdW=437.5
fwW=1.50
sdS=425.3
fwS=1.34
0 0 0 0 0 0 0 0 0

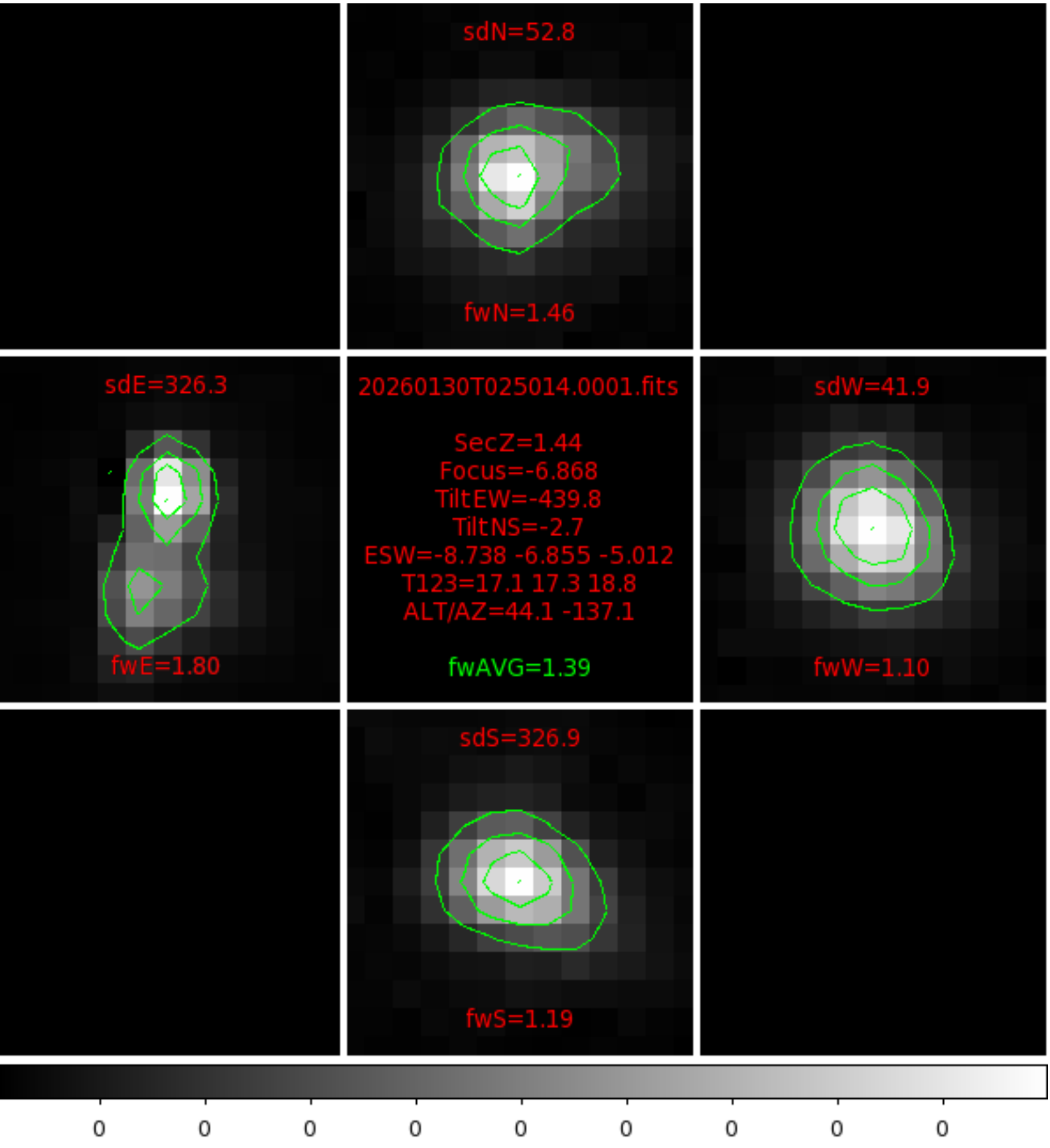

sdN=69.1
fwN=1.64
sdE=487.1
fwE=1.99
20260130T024347.0001.fits
SecZ=1.43
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=17.0 17.3 18.8
ALT/AZ=44.4 -142.8
fwAVG=1.58
sdW=697.6
fwW=1.28
sdS=515.5
fwS=1.39
0 0 0 0 0 0 0 0 0

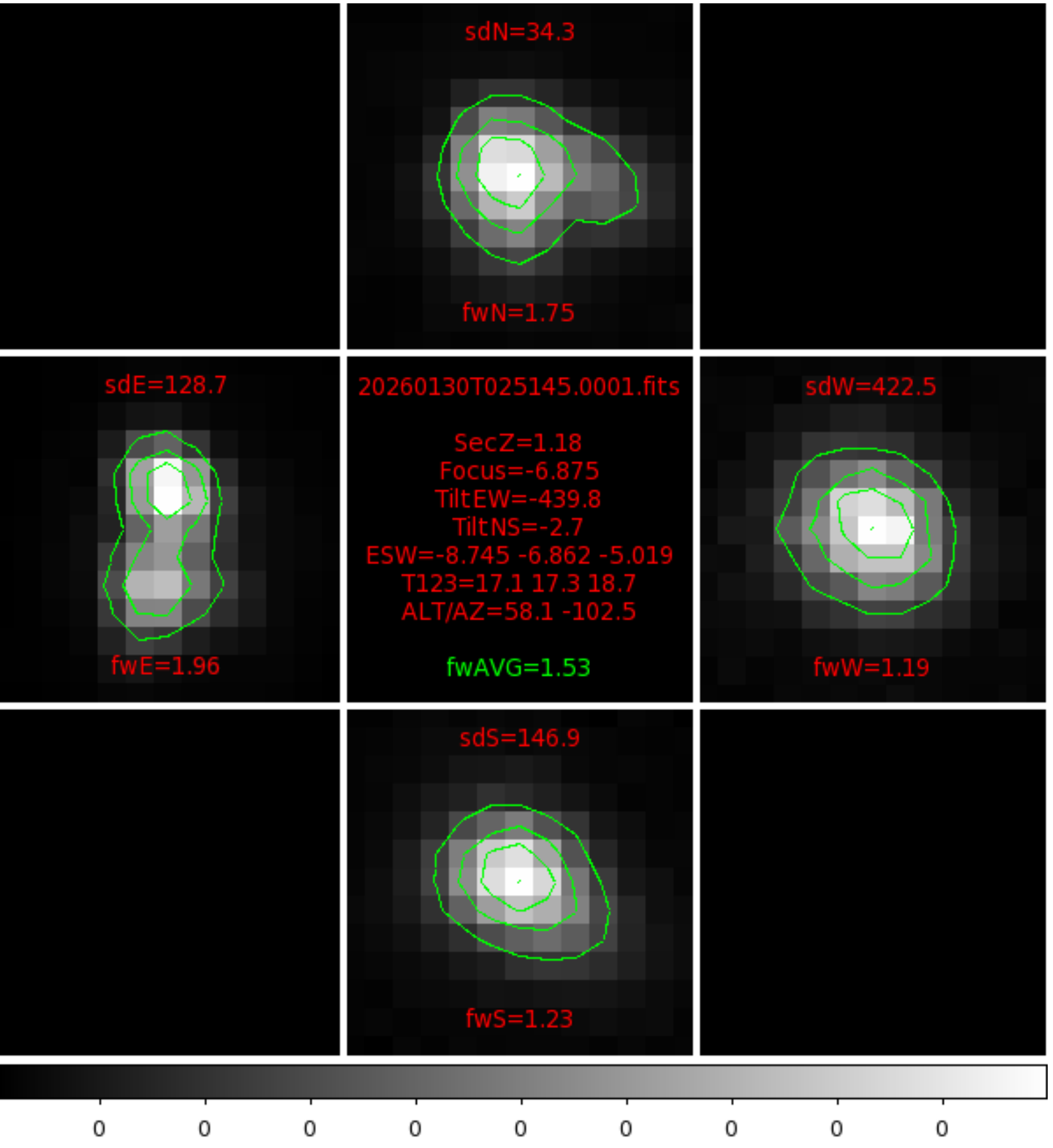

sdN=67.6
fwN=1.64
sdE=194.0
fwE=2.02
20260130T024537.0001.fits
SecZ=1.46
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=17.0 17.3 18.8
ALT/AZ=43.1 -140.0
fwAVG=1.59
sdW=1832.4
fwW=1.32
sdS=26.3
fwS=1.40
0 0 0 0 0 0 0 0 0

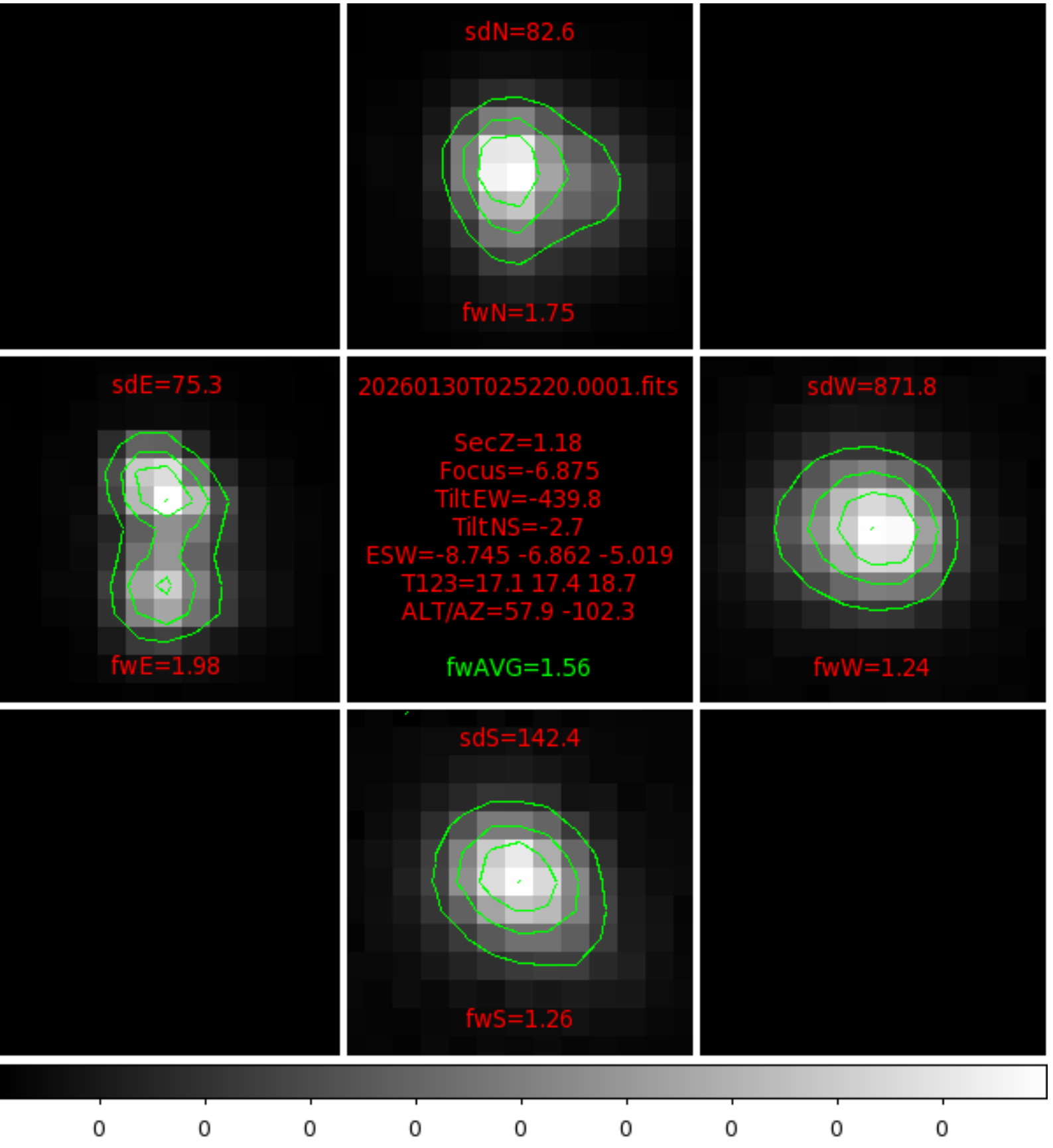

sdN=132.8
fwN=1.63
sdE=331.7
fwE=1.97
20260130T024729.0001.fits
SecZ=1.40
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=17.1 17.4 18.8
ALT/AZ=45.6 -140.2
fwAVG=1.58
sdW=2577.7
fwW=1.36
sdS=191.1
fwS=1.38
0 0 0 0 0 0 0 0 0

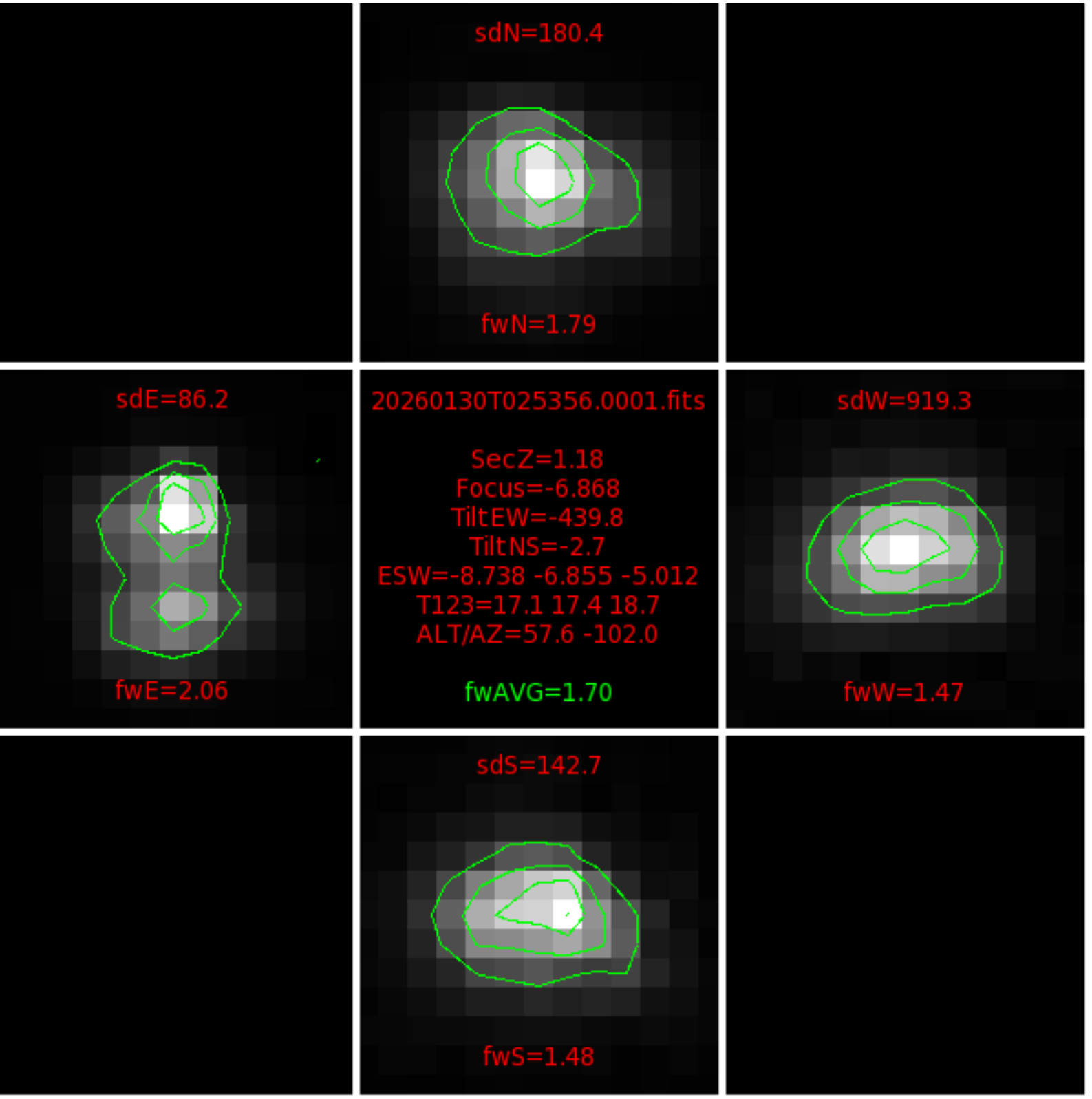

sdN=105.2
fwN=1.57
sdE=23.8
fwE=1.81
20260130T024802.0001.fits
SecZ=1.40
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=17.1 17.3 18.7
ALT/AZ=45.6 -140.0
fwAVG=1.44
sdW=84.4
fwW=1.19
sdS=366.2
fwS=1.19
0 0 0 0 0 0 0 0 0

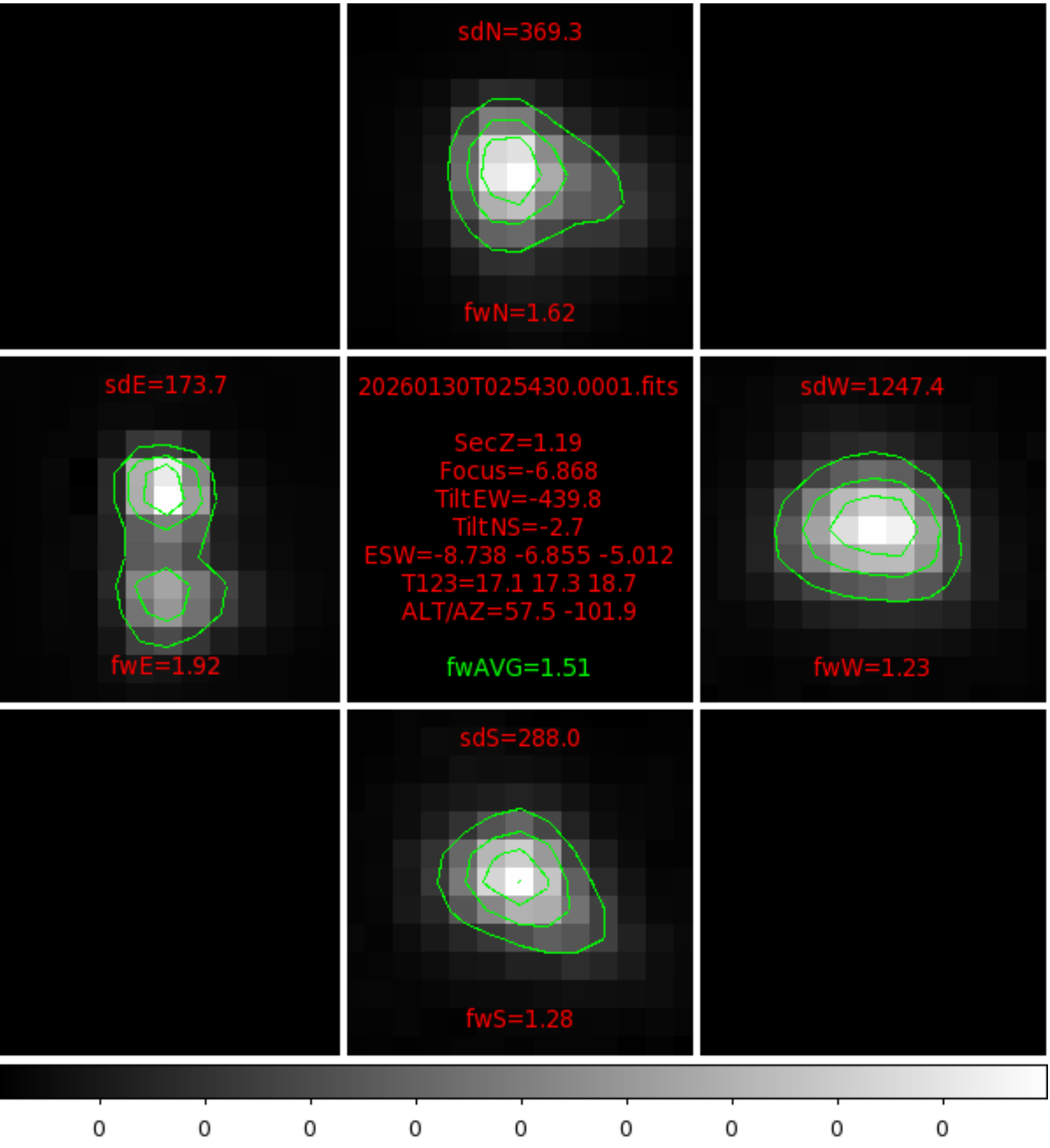

sdN=56.2
fwN=1.48
sdE=135.4
fwE=1.90
20260130T024938.0001.fits
SecZ=1.43
Focus=-6.868
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.738 -6.855 -5.012
T123=17.1 17.4 18.7
ALT/AZ=44.2 -137.3
fwAVG=1.45
sdW=47.0
fwW=1.22
sdS=270.2
fwS=1.20
0 0 0 0 0 0 0 0 0

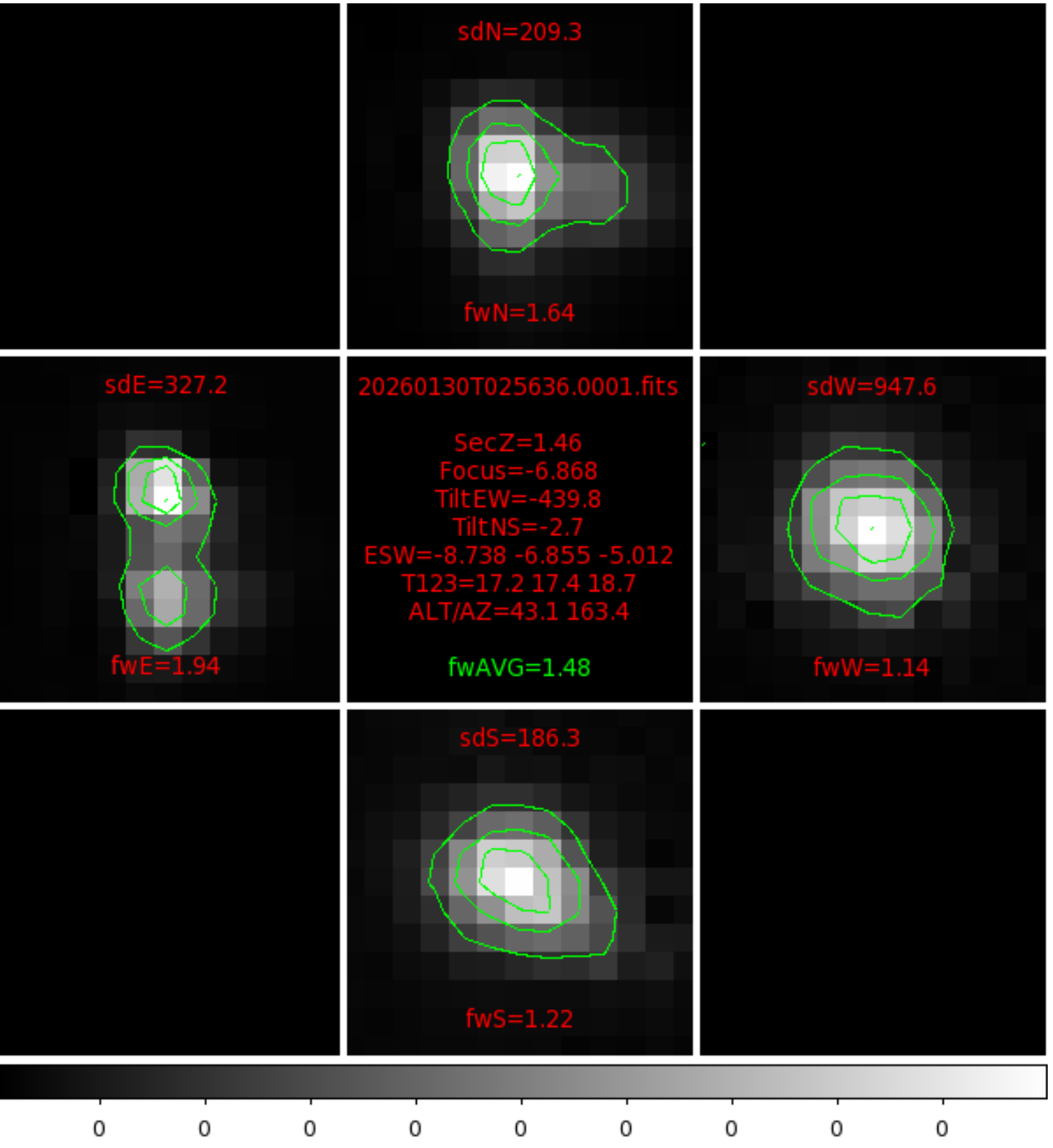

sdN=52.8
fwN=1.46
sdE=326.3
fwE=1.80
20260130T025014.0001.fits
SecZ=1.44
Focus=-6.868
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.738 -6.855 -5.012
T123=17.1 17.3 18.8
ALT/AZ=44.1 -137.1
fwAVG=1.39
sdW=41.9
fwW=1.10
sdS=326.9
fwS=1.19
0 0 0 0 0 0 0 0 0

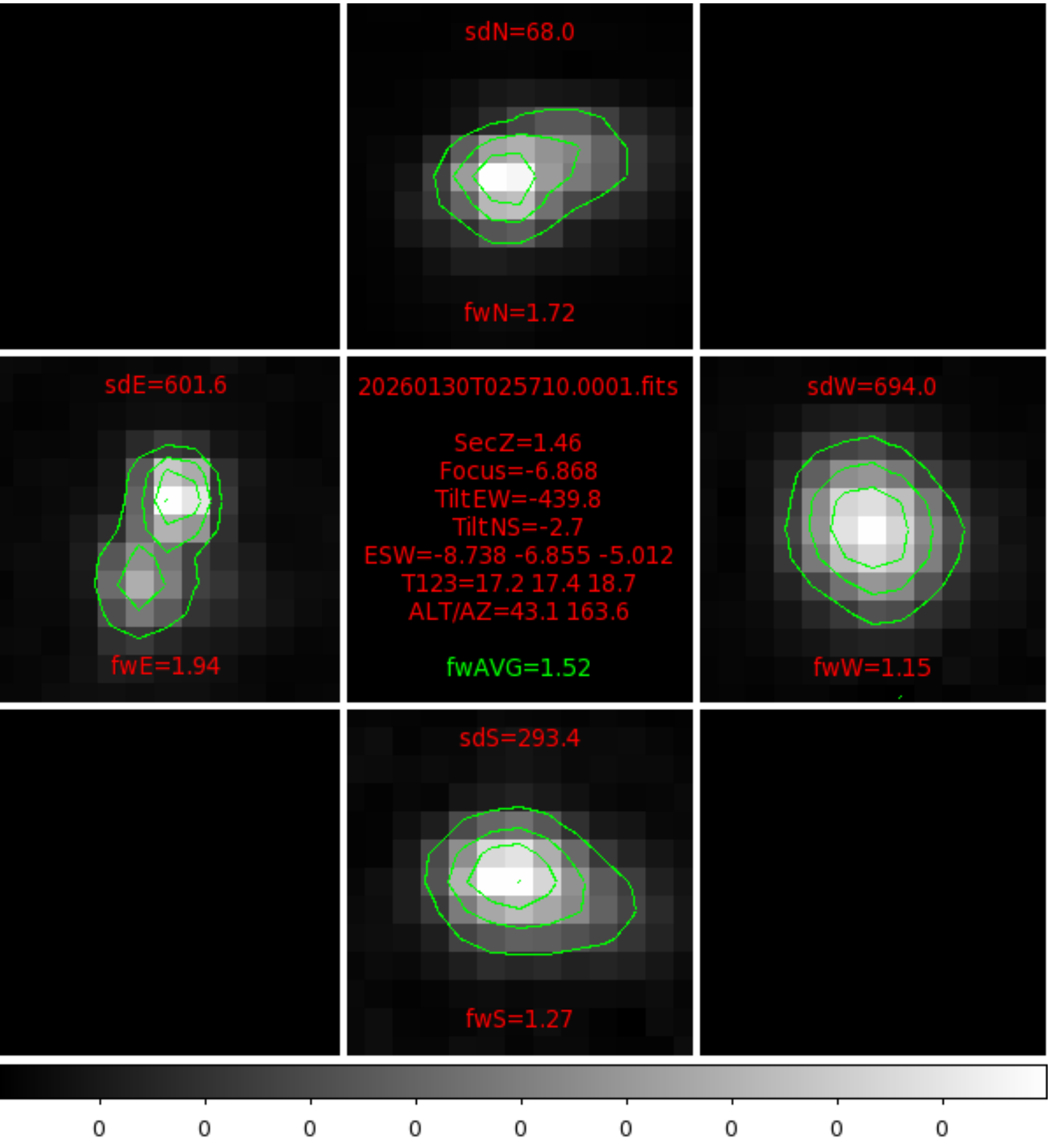

sdN=34.3
fwN=1.75
sdE=128.7
fwE=1.96
20260130T025145.0001.fits
SecZ=1.18
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=17.1 17.3 18.7
ALT/AZ=58.1 -102.5
fwAVG=1.53
sdW=422.5
fwW=1.19
sdS=146.9
fwS=1.23
0 0 0 0 0 0 0 0 0

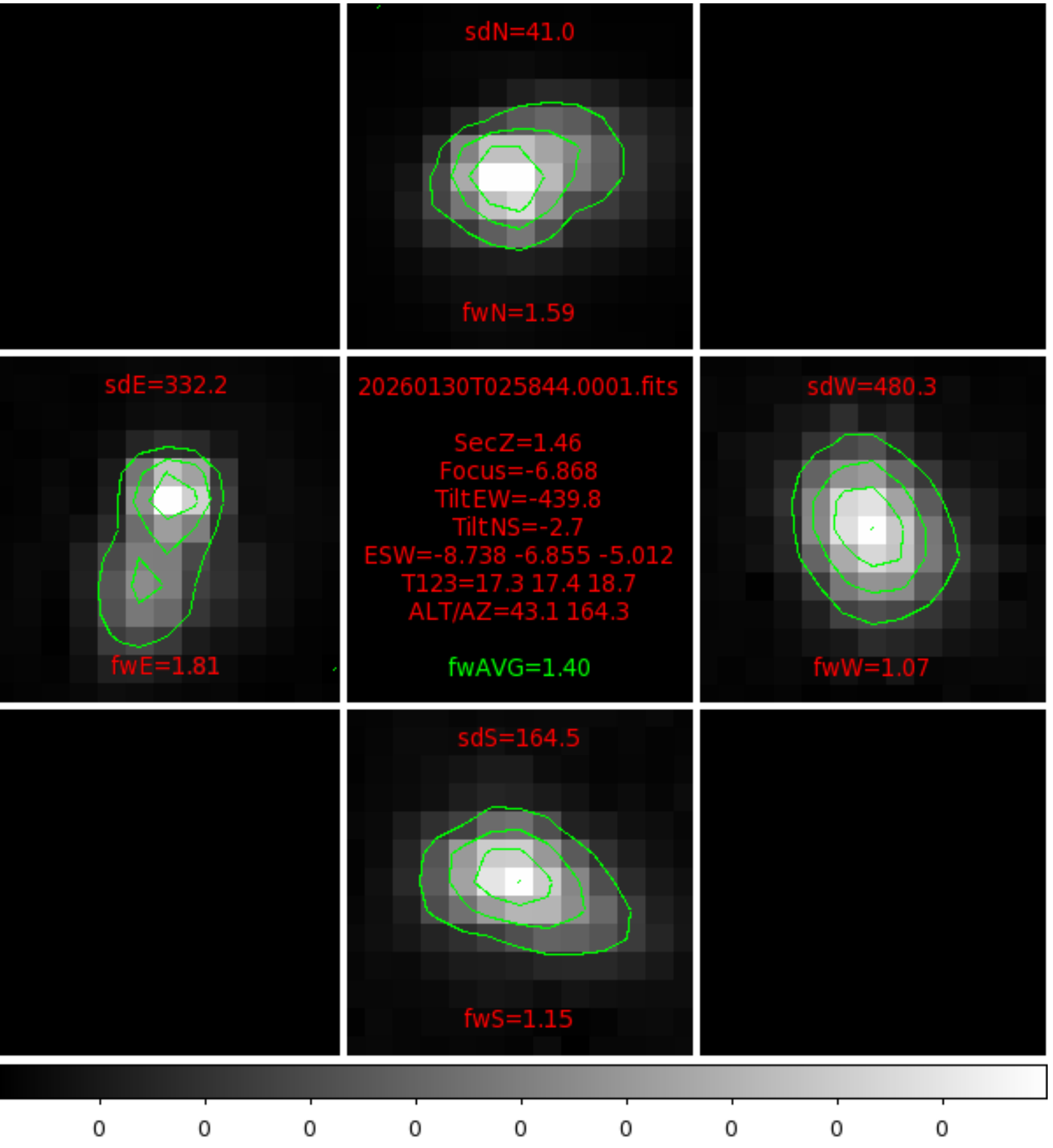

sdN=82.6
fwN=1.75
sdE=75.3
fwE=1.98
20260130T025220.0001.fits
SecZ=1.18
Focus=-6.875
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.745 -6.862 -5.019
T123=17.1 17.4 18.7
ALT/AZ=57.9 -102.3
fwAVG=1.56
sdW=871.8
fwW=1.24
sdS=142.4
fwS=1.26
0 0 0 0 0 0 0 0 0

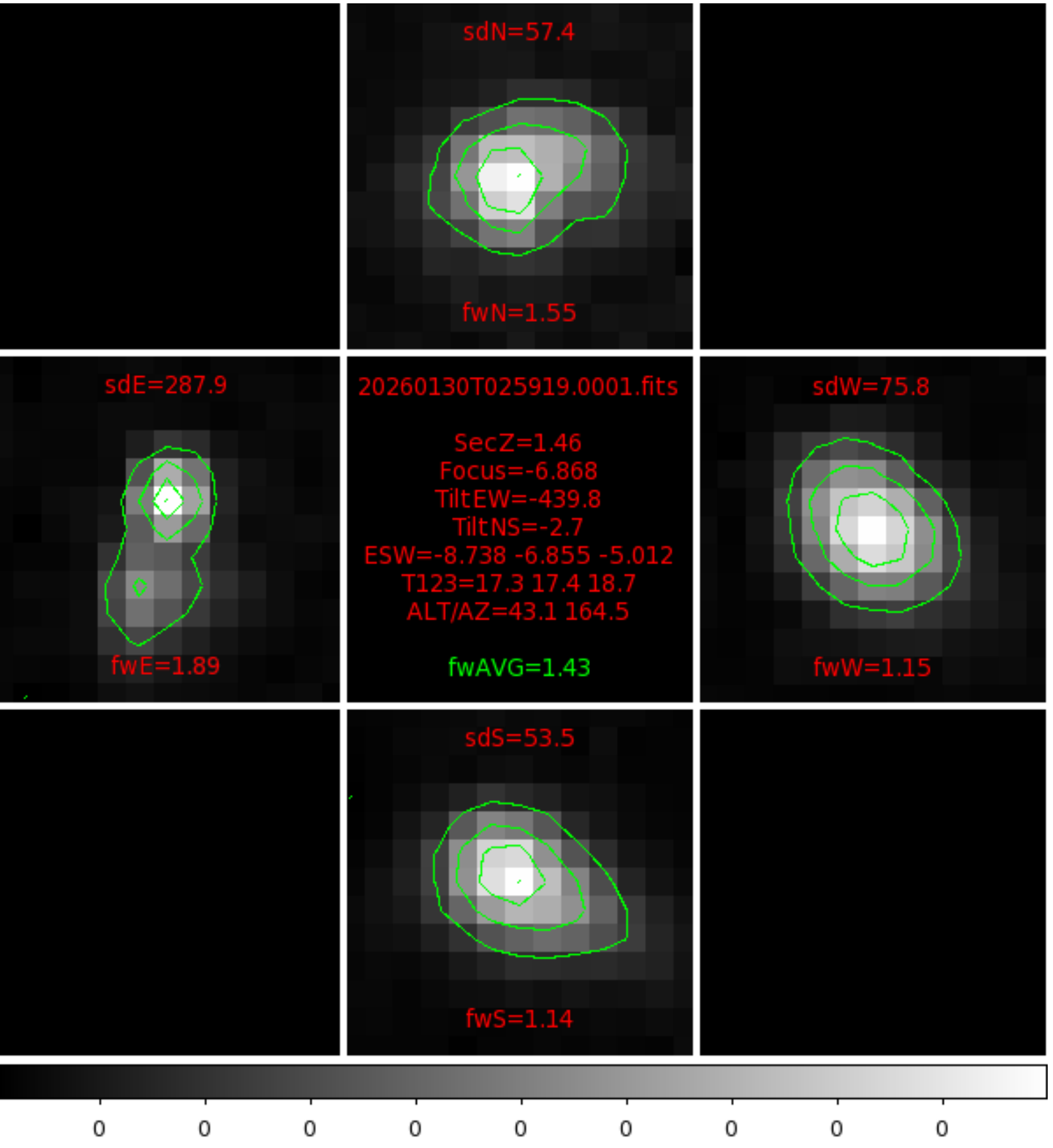

sdN=180.4
fwN=1.79
sdE=86.2
fwE=2.06
20260130T025356.0001.fits
SecZ=1.18
Focus=-6.868
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.738 -6.855 -5.012
T123=17.1 17.4 18.7
ALT/AZ=57.6 -102.0
fwAVG=1.70
sdW=919.3
fwW=1.47
sdS=142.7
fwS=1.48
0 0 0 0 0 0 0 0 0

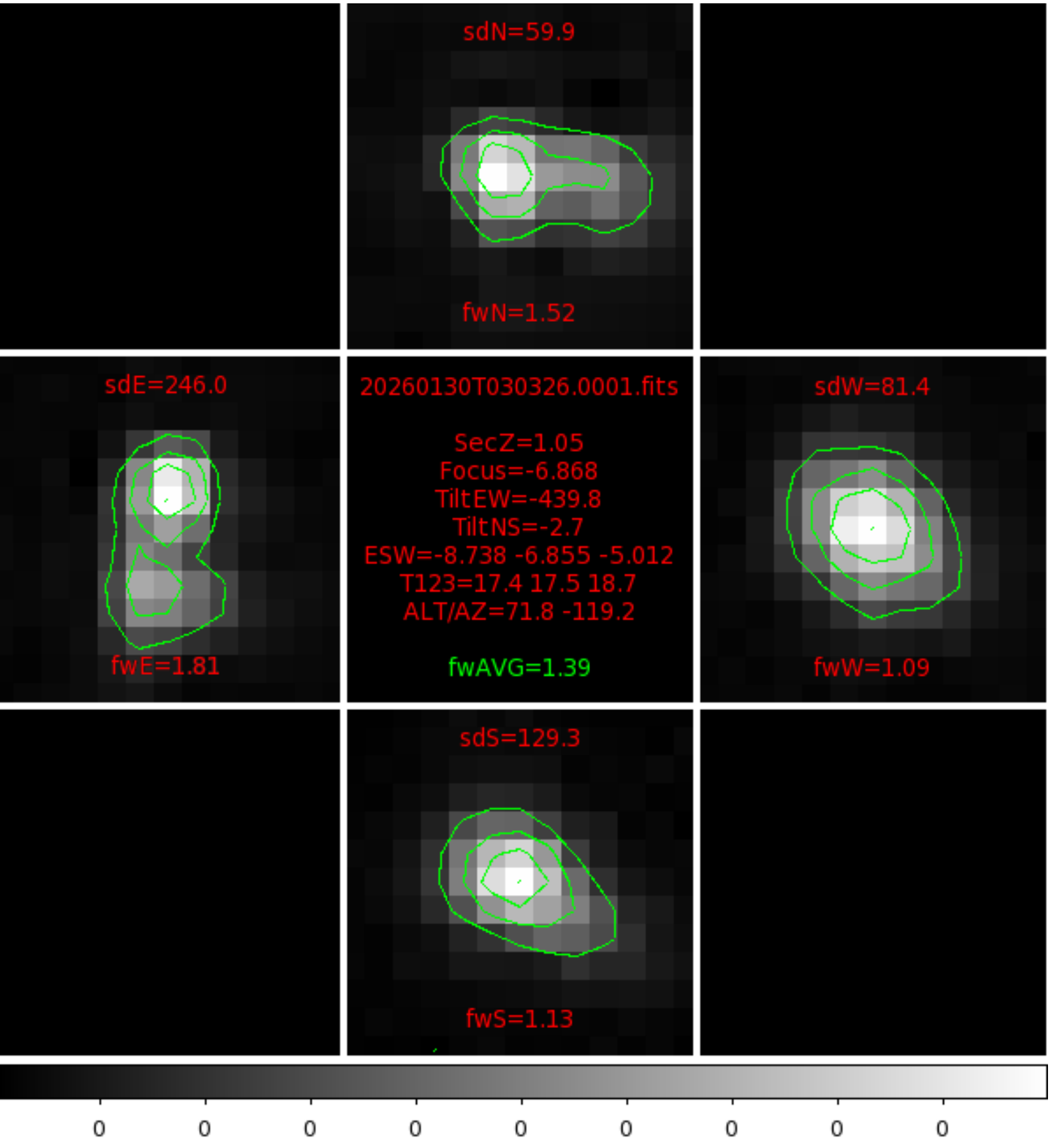

sdN=369.3
fwN=1.62
sdE=173.7
fwE=1.92
20260130T025430.0001.fits
SecZ=1.19
Focus=-6.868
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.738 -6.855 -5.012
T123=17.1 17.3 18.7
ALT/AZ=57.5 -101.9
fwAVG=1.51
sdW=1247.4
fwW=1.23
sdS=288.0
fwS=1.28
0 0 0 0 0 0 0 0 0

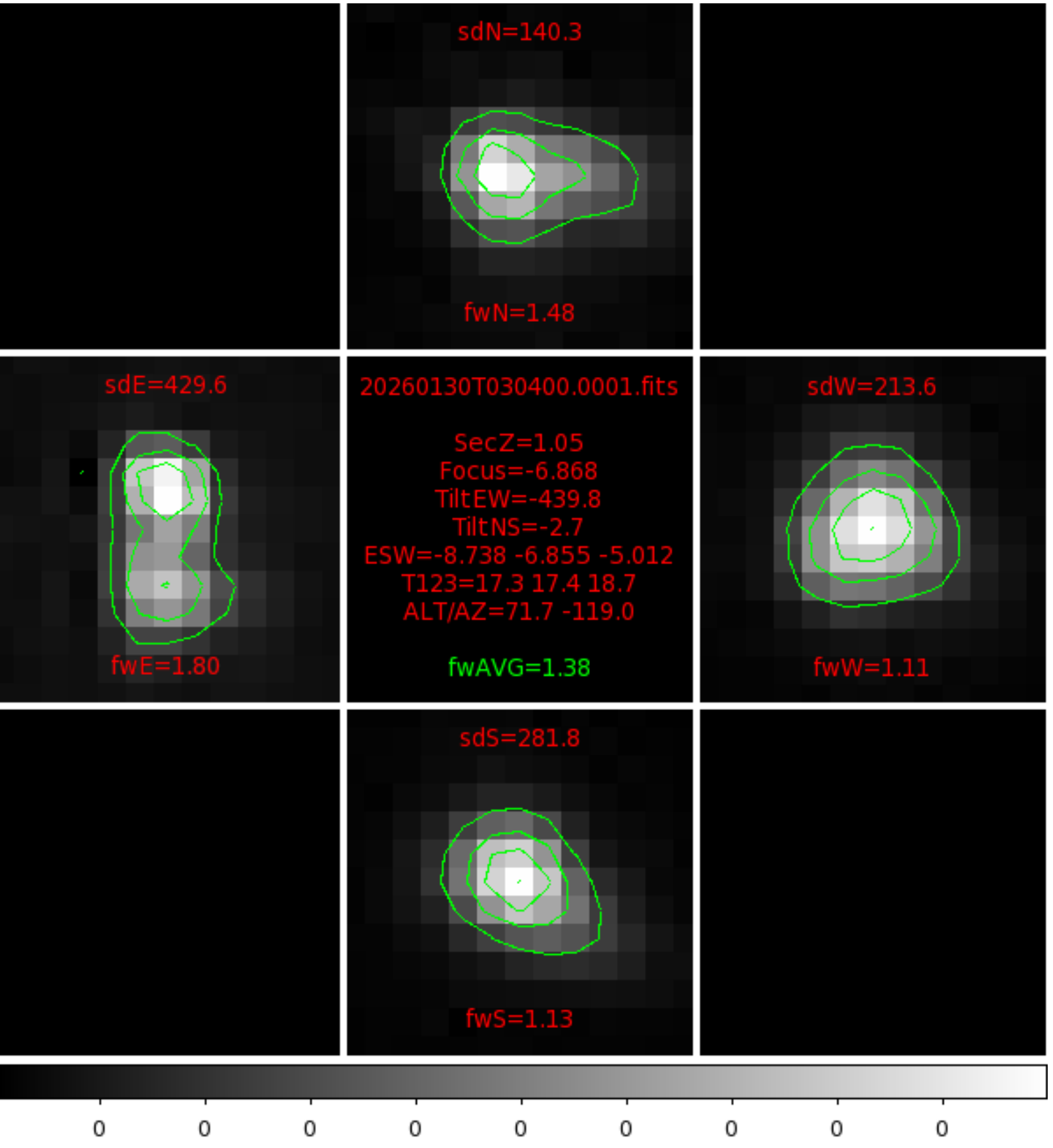

sdN=209.3
fwN=1.64
sdE=327.2
fwE=1.94
20260130T025636.0001.fits
SecZ=1.46
Focus=-6.868
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.738 -6.855 -5.012
T123=17.2 17.4 18.7
ALT/AZ=43.1 163.4
fwAVG=1.48
sdW=947.6
fwW=1.14
sdS=186.3
fwS=1.22
0 0 0 0 0 0 0 0 0

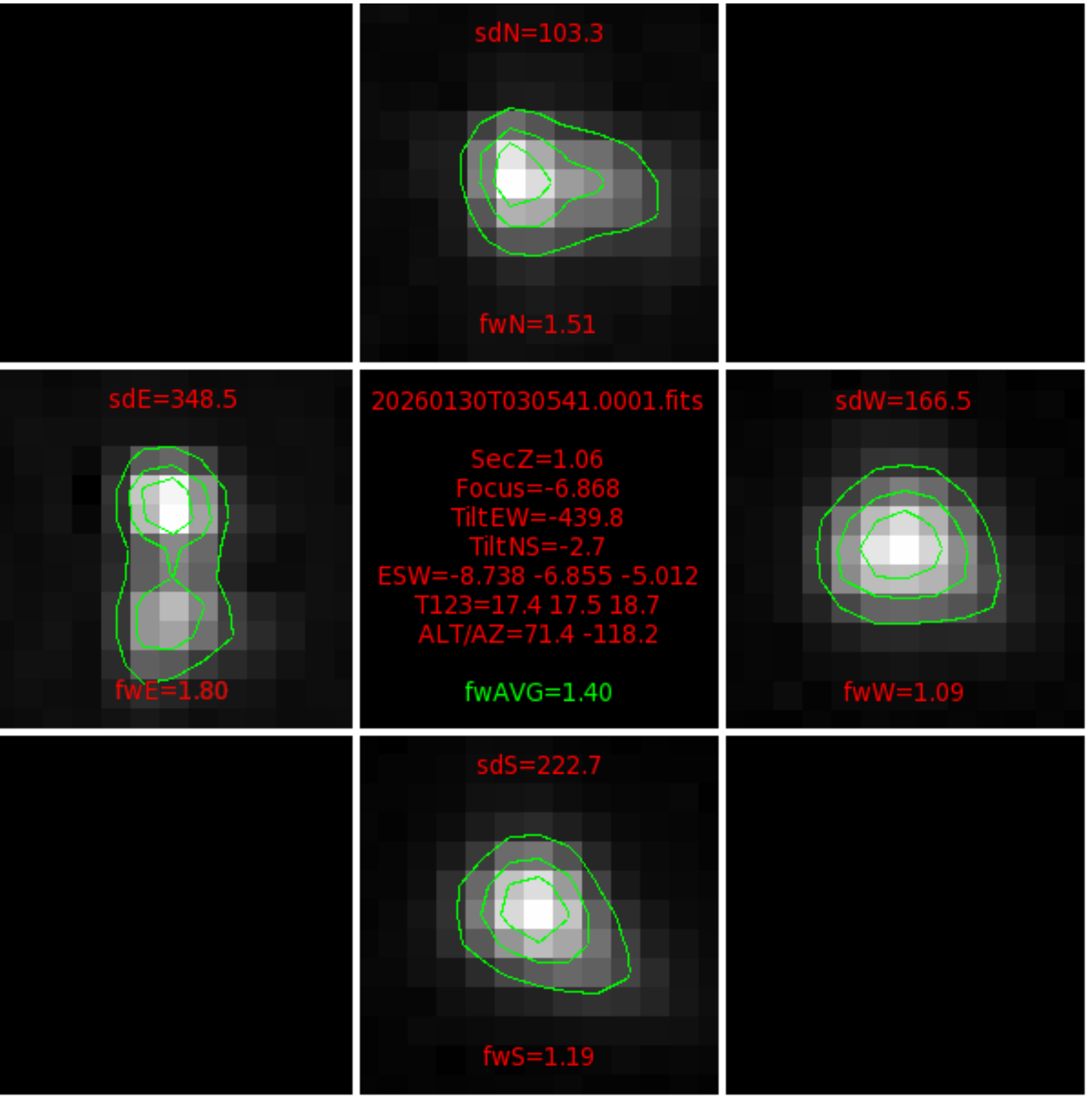

sdN=68.0
fwN=1.72
sdE=601.6
fwE=1.94
20260130T025710.0001.fits
SecZ=1.46
Focus=-6.868
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.738 -6.855 -5.012
T123=17.2 17.4 18.7
ALT/AZ=43.1 163.6
fwAVG=1.52
sdW=694.0
fwW=1.15
sdS=293.4
fwS=1.27
0 0 0 0 0 0 0 0 0

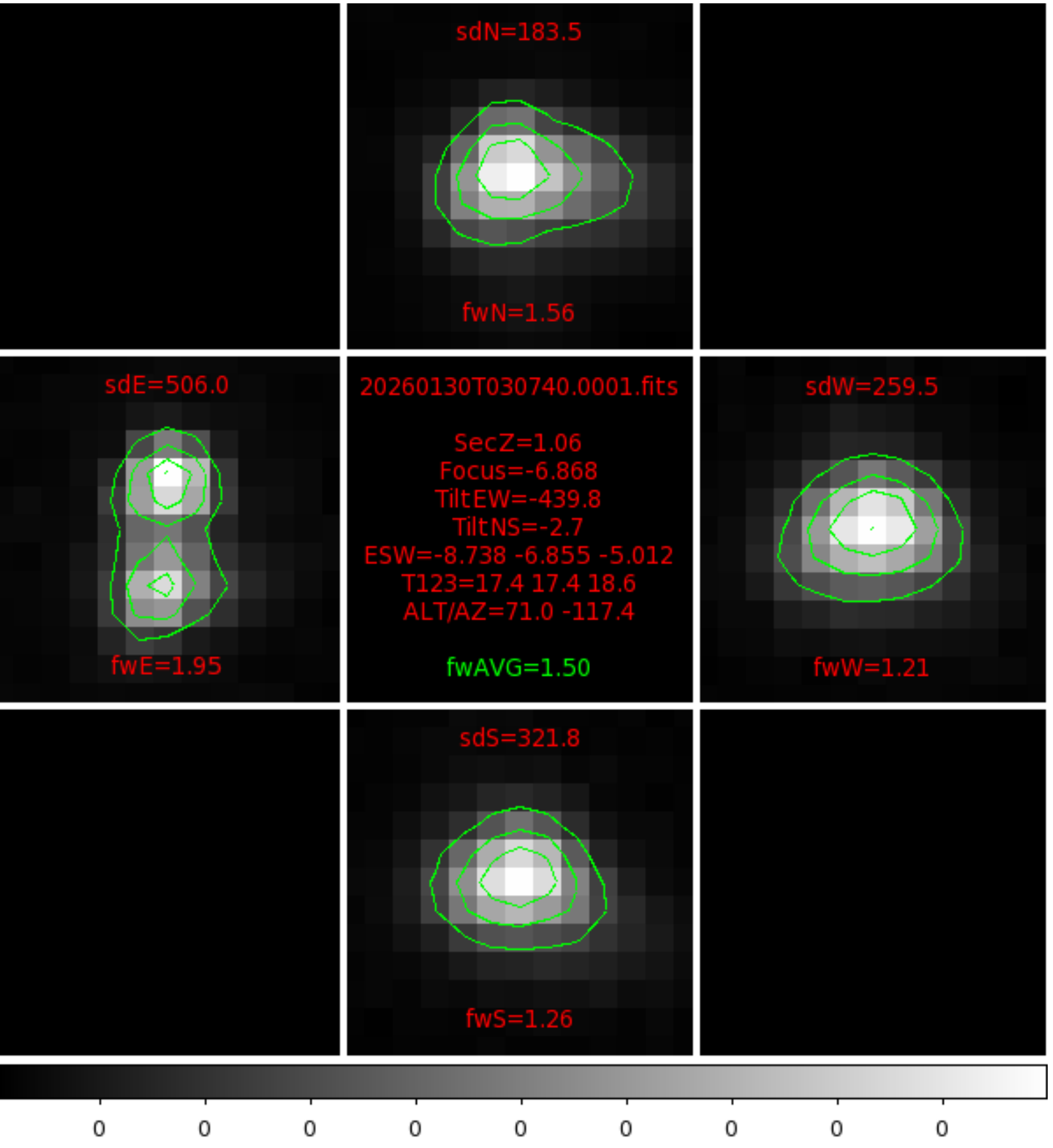

sdN=41.0
fwN=1.59
sdE=332.2
fwE=1.81
20260130T025844.0001.fits
SecZ=1.46
Focus=-6.868
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.738 -6.855 -5.012
T123=17.3 17.4 18.7
ALT/AZ=43.1 164.3
fwAVG=1.40
sdW=480.3
fwW=1.07
sdS=164.5
fwS=1.15
0 0 0 0 0 0 0 0 0

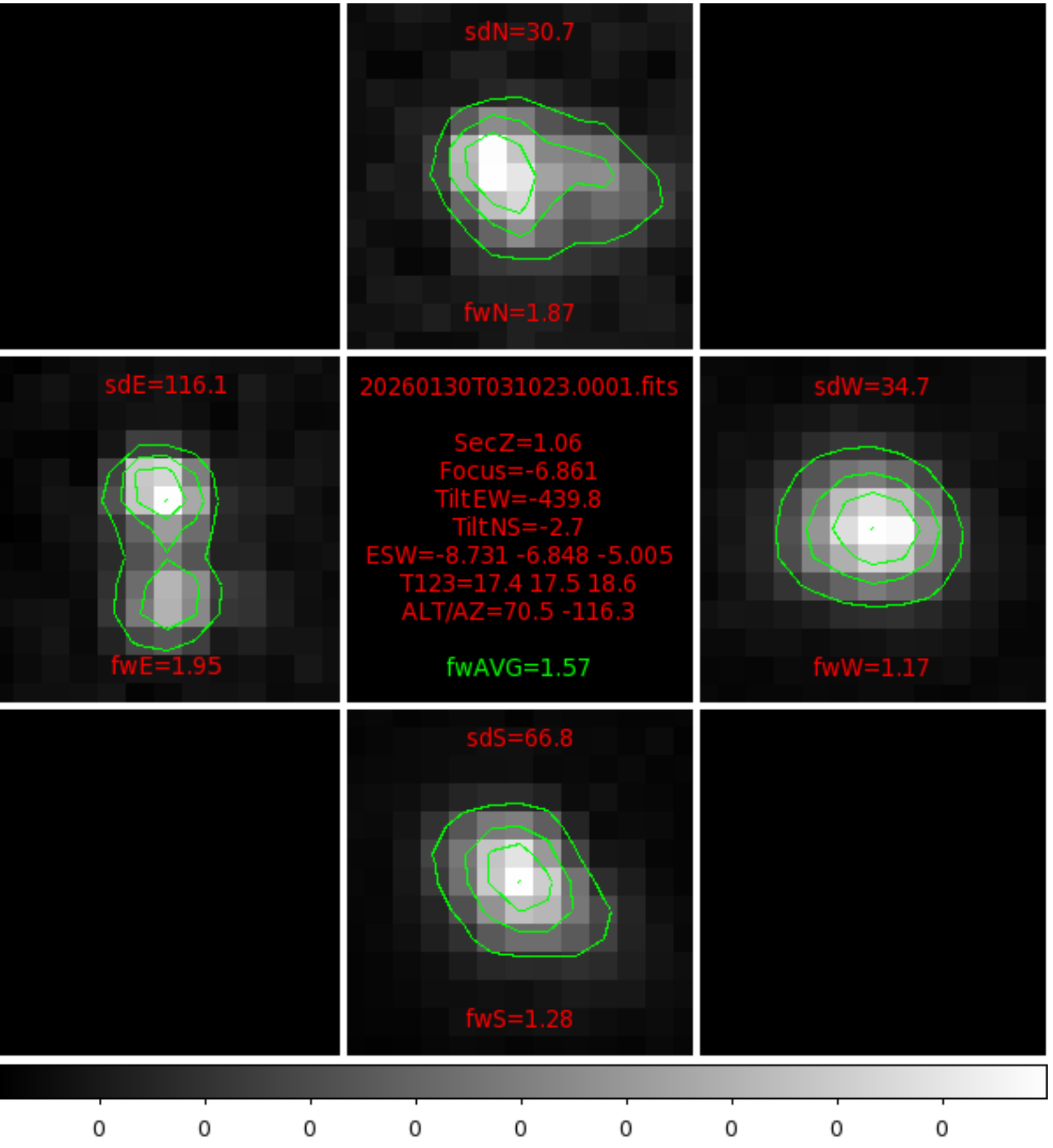

sdN=57.4
fwN=1.55
sdE=287.9
fwE=1.89
20260130T025919.0001.fits
SecZ=1.46
Focus=-6.868
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.738 -6.855 -5.012
T123=17.3 17.4 18.7
ALT/AZ=43.1 164.5
fwAVG=1.43
sdW=75.8
fwW=1.15
sdS=53.5
fwS=1.14
0 0 0 0 0 0 0 0 0

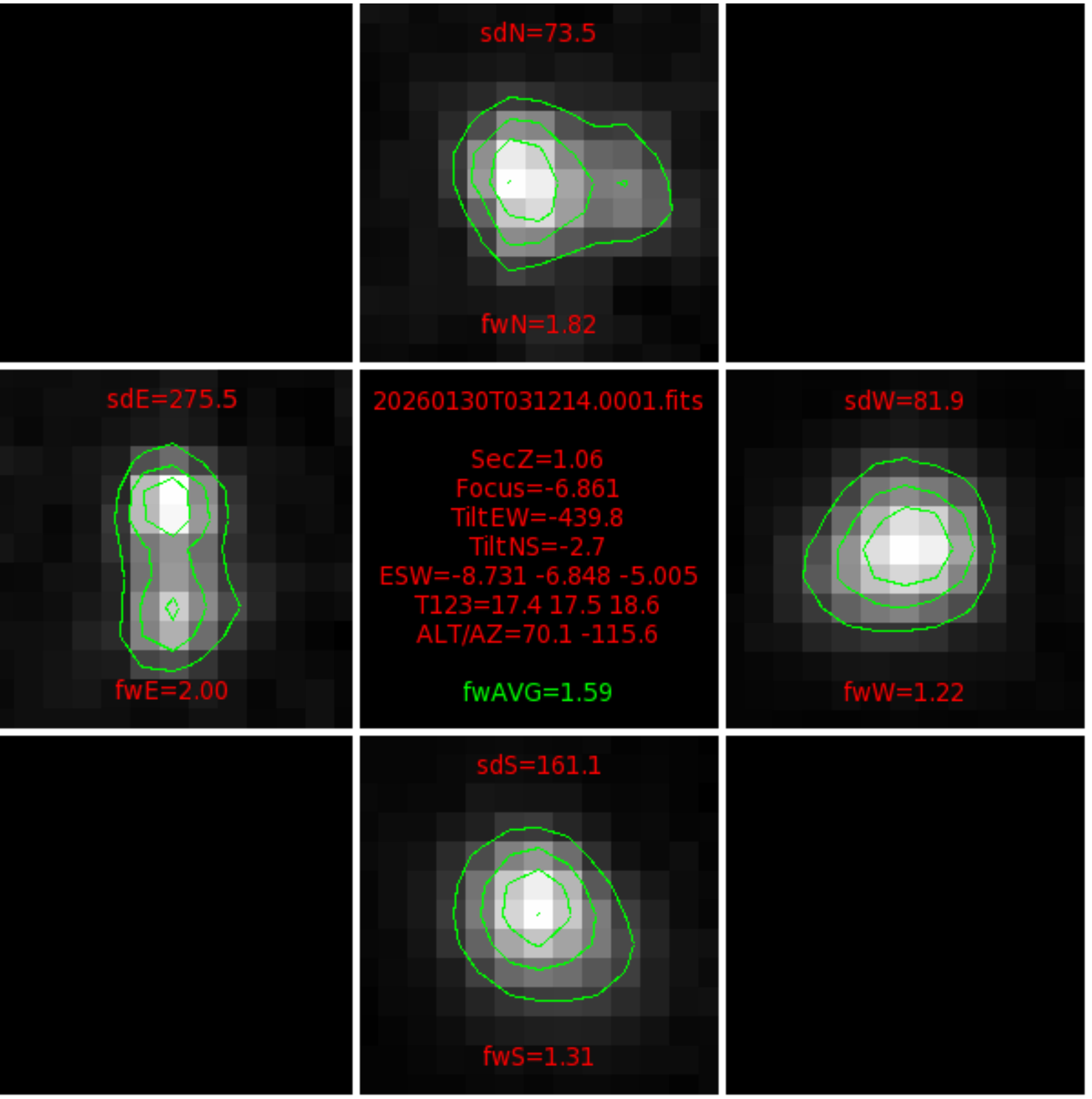

sdN=59.9
fwN=1.52
sdE=246.0
fwE=1.81
20260130T030326.0001.fits
SecZ=1.05
Focus=-6.868
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.738 -6.855 -5.012
T123=17.4 17.5 18.7
ALT/AZ=71.8 -119.2
fwAVG=1.39
sdW=81.4
fwW=1.09
sdS=129.3
fwS=1.13
0 0 0 0 0 0 0 0 0


sdN=140.3
fwN=1.48
sdE=429.6
fwE=1.80
20260130T030400.0001.fits
SecZ=1.05
Focus=-6.868
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.738 -6.855 -5.012
T123=17.3 17.4 18.7
ALT/AZ=71.7 -119.0
fwAVG=1.38
sdW=213.6
fwW=1.11
sdS=281.8
fwS=1.13
0 0 0 0 0 0 0 0 0


sdN=103.3
fwN=1.51
sdE=348.5
fwE=1.80
20260130T030541.0001.fits
SecZ=1.06
Focus=-6.868
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.738 -6.855 -5.012
T123=17.4 17.5 18.7
ALT/AZ=71.4 -118.2
fwAVG=1.40
sdW=166.5
fwW=1.09
sdS=222.7
fwS=1.19
0 0 0 0 0 0 0 0 0


sdN=183.5
fwN=1.56
sdE=506.0
fwE=1.95
20260130T030740.0001.fits
SecZ=1.06
Focus=-6.868
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.738 -6.855 -5.012
T123=17.4 17.4 18.6
ALT/AZ=71.0 -117.4
fwAVG=1.50
sdW=259.5
fwW=1.21
sdS=321.8
fwS=1.26
0 0 0 0 0 0 0 0 0


sdN=30.7
fwN=1.87
sdE=116.1
fwE=1.95
20260130T031023.0001.fits
SecZ=1.06
Focus=-6.861
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.731 -6.848 -5.005
T123=17.4 17.5 18.6
ALT/AZ=70.5 -116.3
fwAVG=1.57
sdW=34.7
fwW=1.17
sdS=66.8
fwS=1.28
0 0 0 0 0 0 0 0 0


sdN=73.5
fwN=1.82
sdE=275.5
fwE=2.00
20260130T031214.0001.fits
SecZ=1.06
Focus=-6.861
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.731 -6.848 -5.005
T123=17.4 17.5 18.6
ALT/AZ=70.1 -115.6
fwAVG=1.59
sdW=81.9
fwW=1.22
sdS=161.1
fwS=1.31
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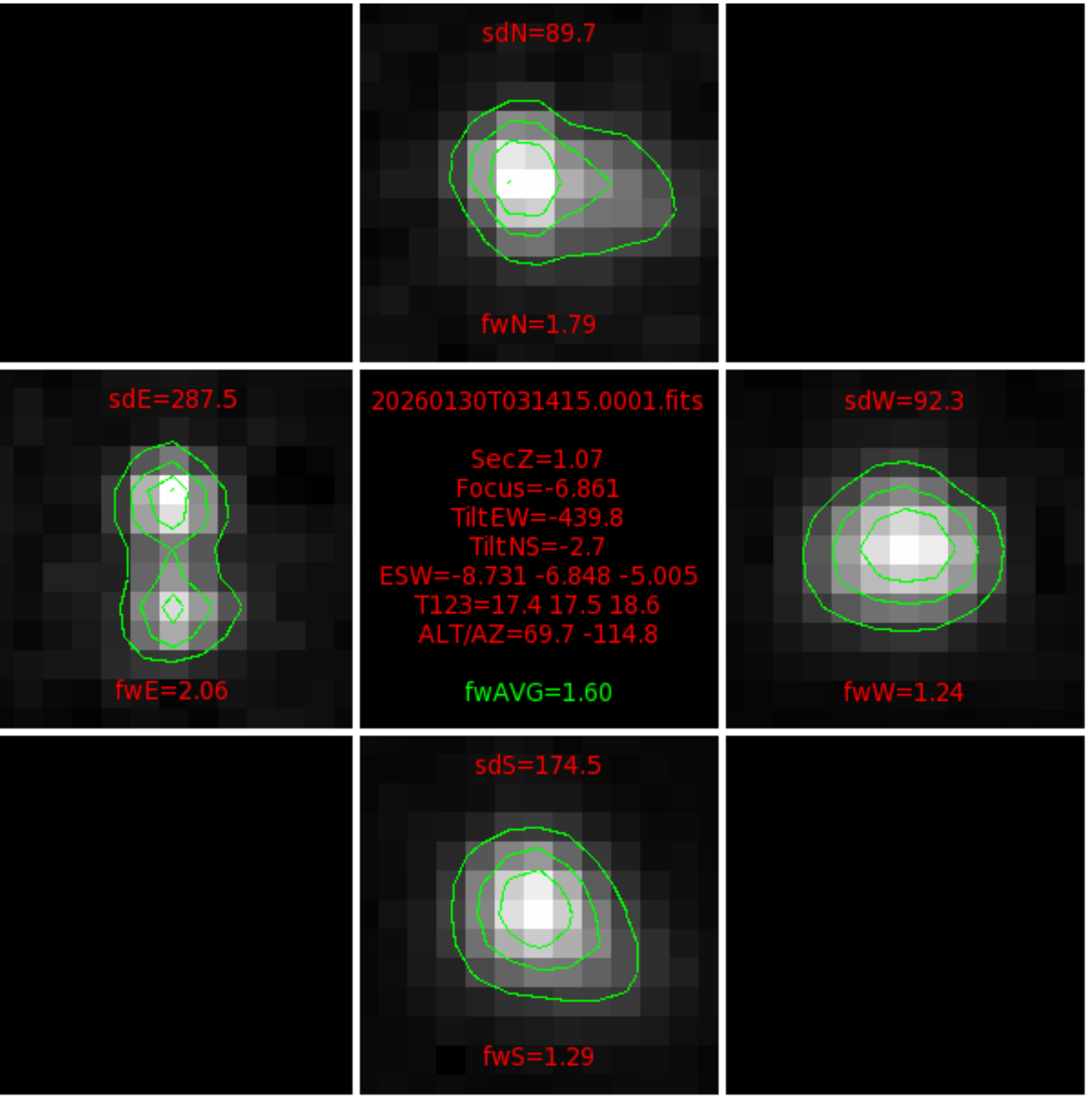
sdN=89.7
fwN=1.79
sdE=287.5
fwE=2.06
20260130T031415.0001.fits
SecZ=1.07
Focus=-6.861
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.731 -6.848 -5.005
T123=17.4 17.5 18.6
ALT/AZ=69.7 -114.8
fwAVG=1.60
sdW=92.3
fwW=1.24
sdS=174.5
fwS=1.29
0 0 0 0 0 0 0 0 0