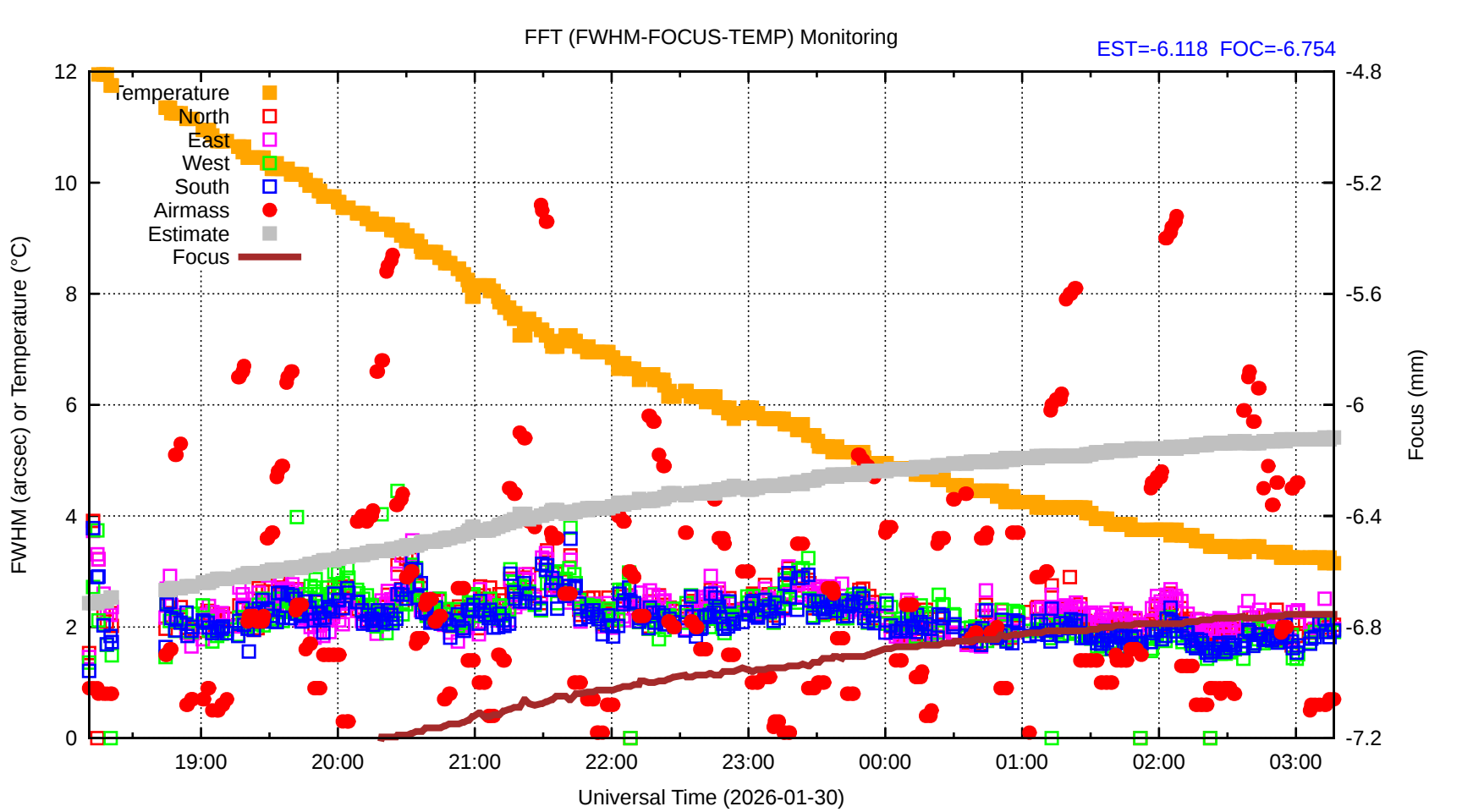
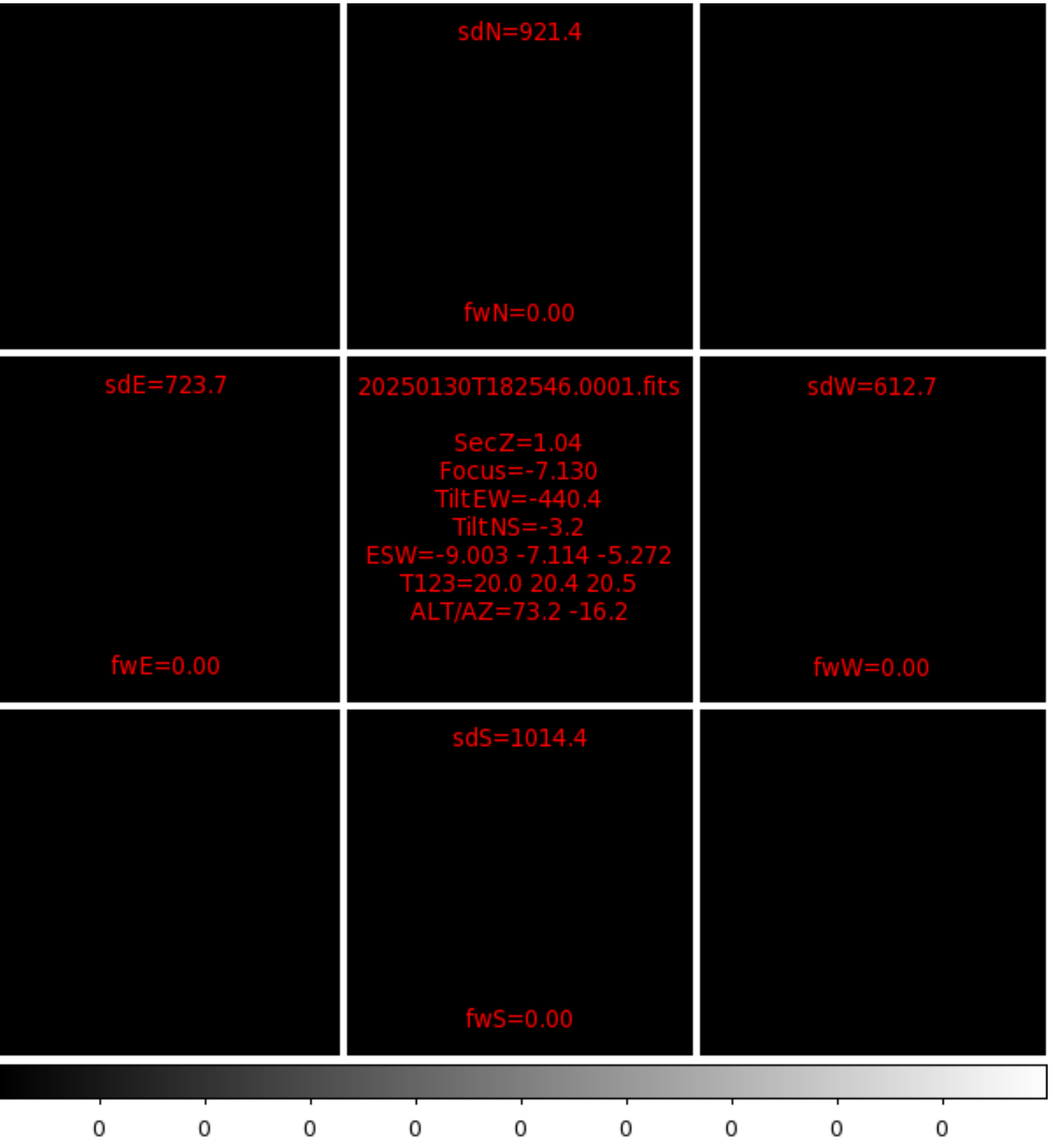
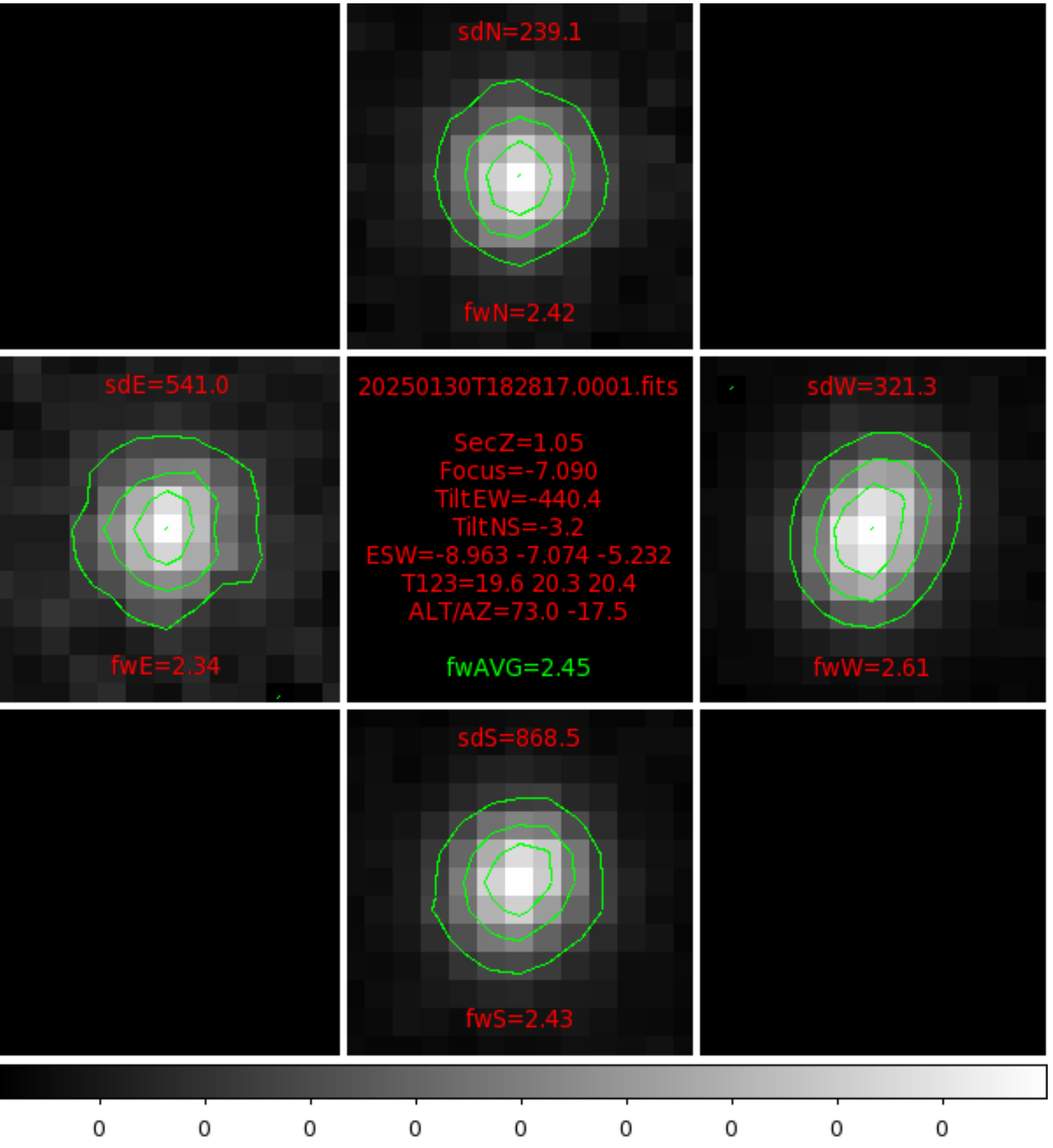

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-6.118 FOC=-6.754
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2026-01-30)
0
2
4
6
8
10
12
-7.2
-6.8
-6.4
-6
-5.6
-5.2
-4.8
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
03:00


sdN=921.4
fwN=0.00
sdE=723.7
fwE=0.00
20250130T182546.0001.fits
SecZ=1.04
Focus=-7.130
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.003 -7.114 -5.272
T123=20.0 20.4 20.5
ALT/AZ=73.2 -16.2
sdW=612.7
fwW=0.00
sdS=1014.4
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=239.1
fwN=2.42
sdE=541.0
fwE=2.34
20250130T182817.0001.fits
SecZ=1.05
Focus=-7.090
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.963 -7.074 -5.232
T123=19.6 20.3 20.4
ALT/AZ=73.0 -17.5
fwAVG=2.45
sdW=321.3
fwW=2.61
sdS=868.5
fwS=2.43
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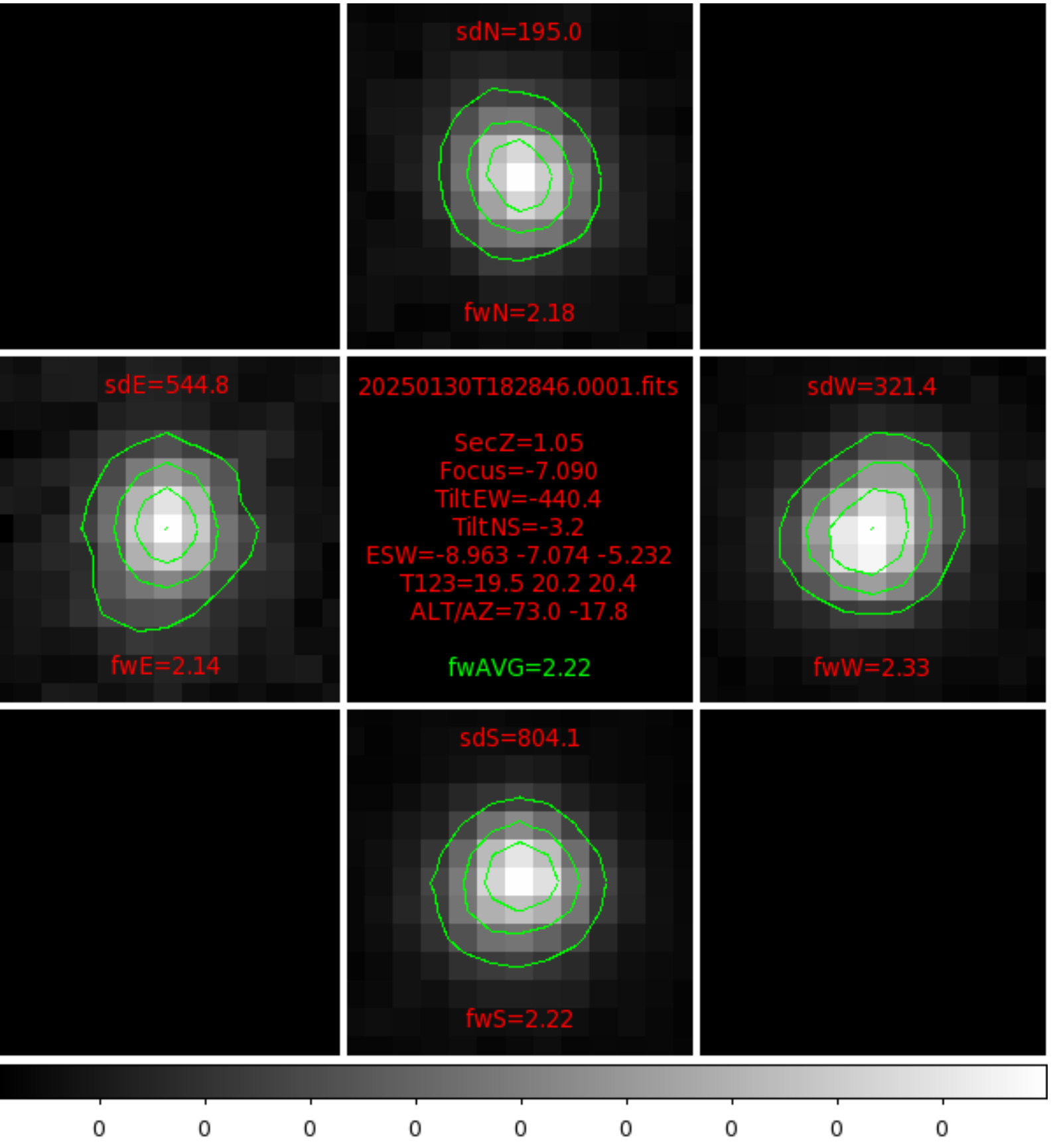
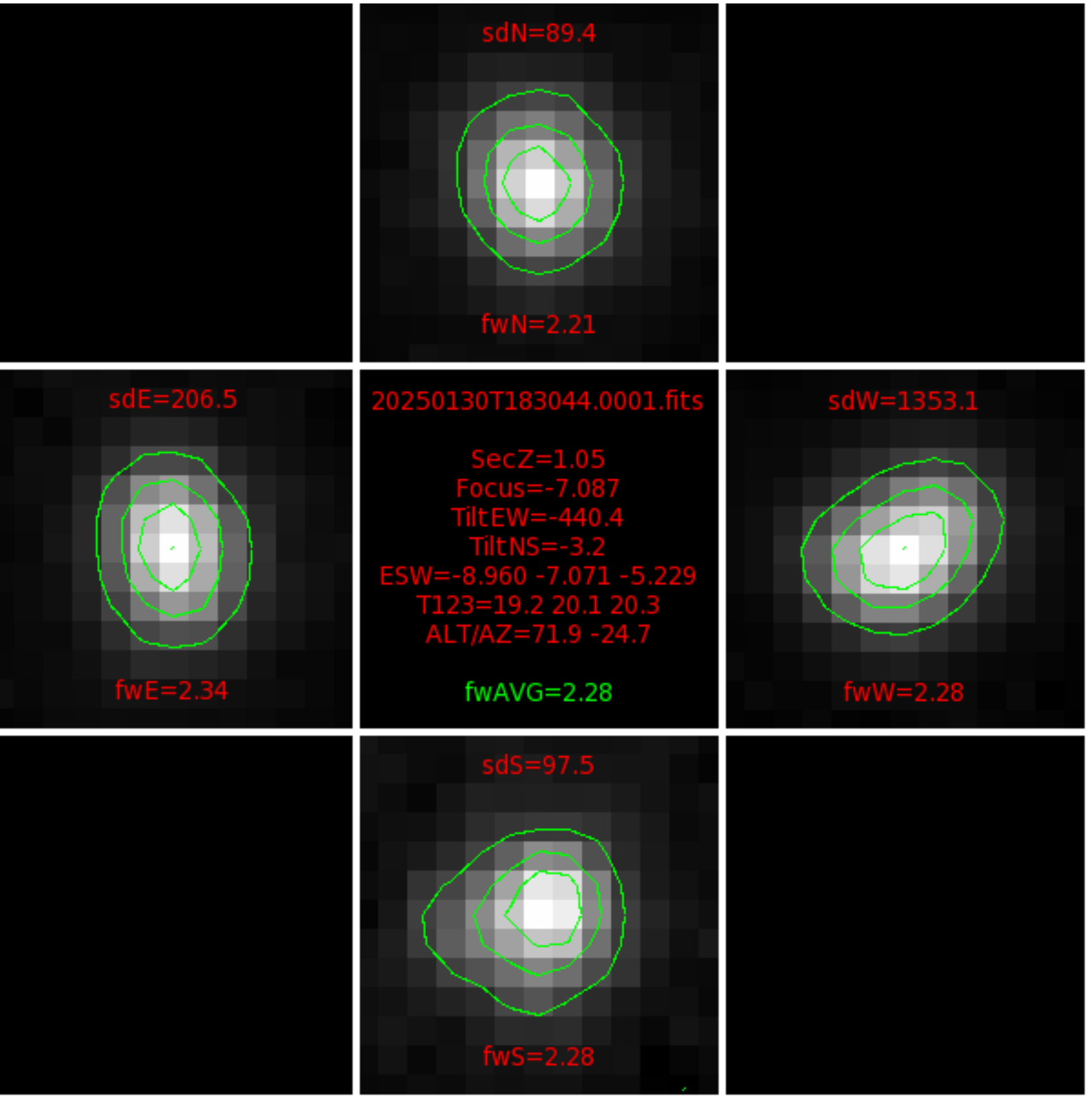
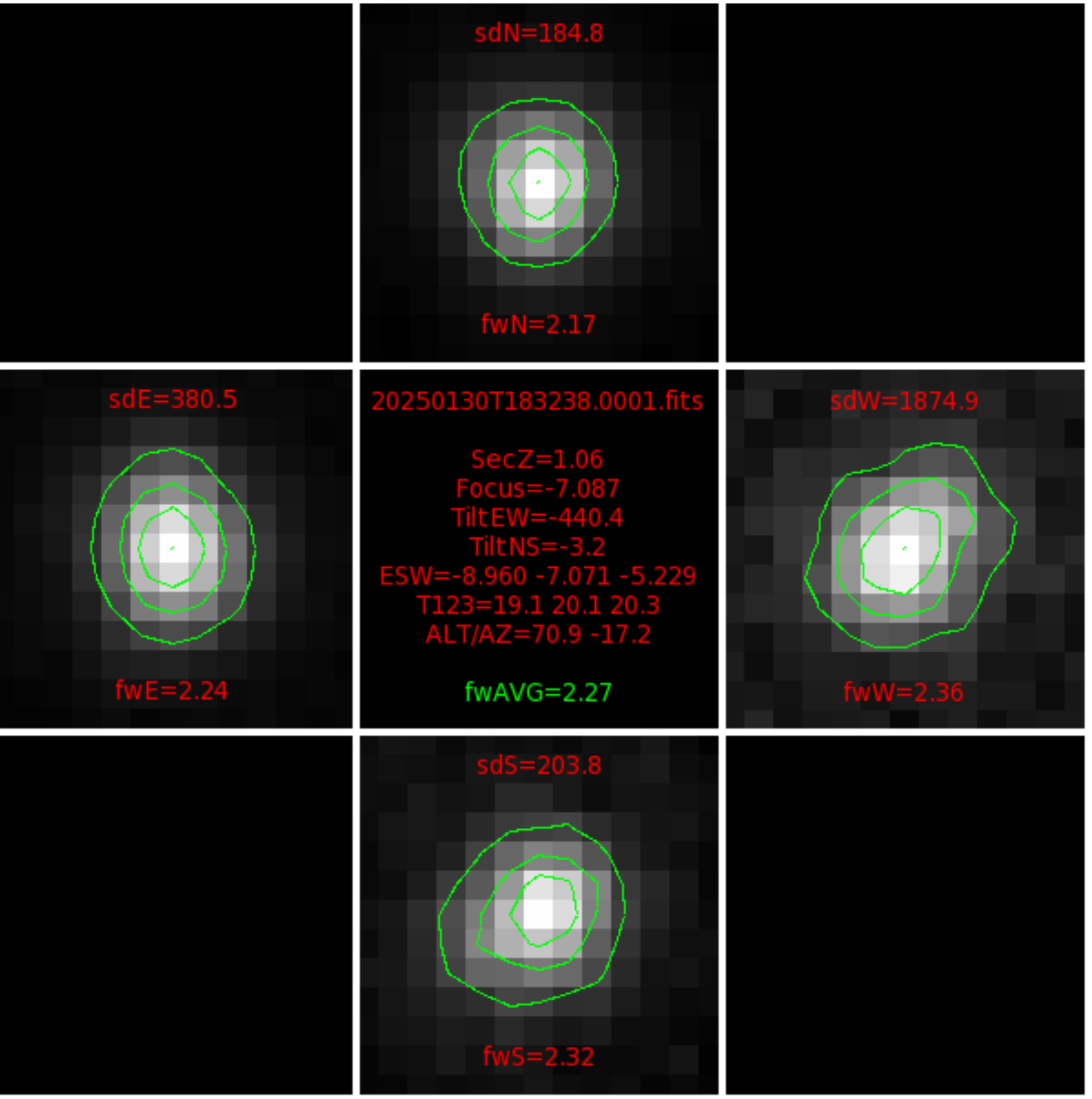
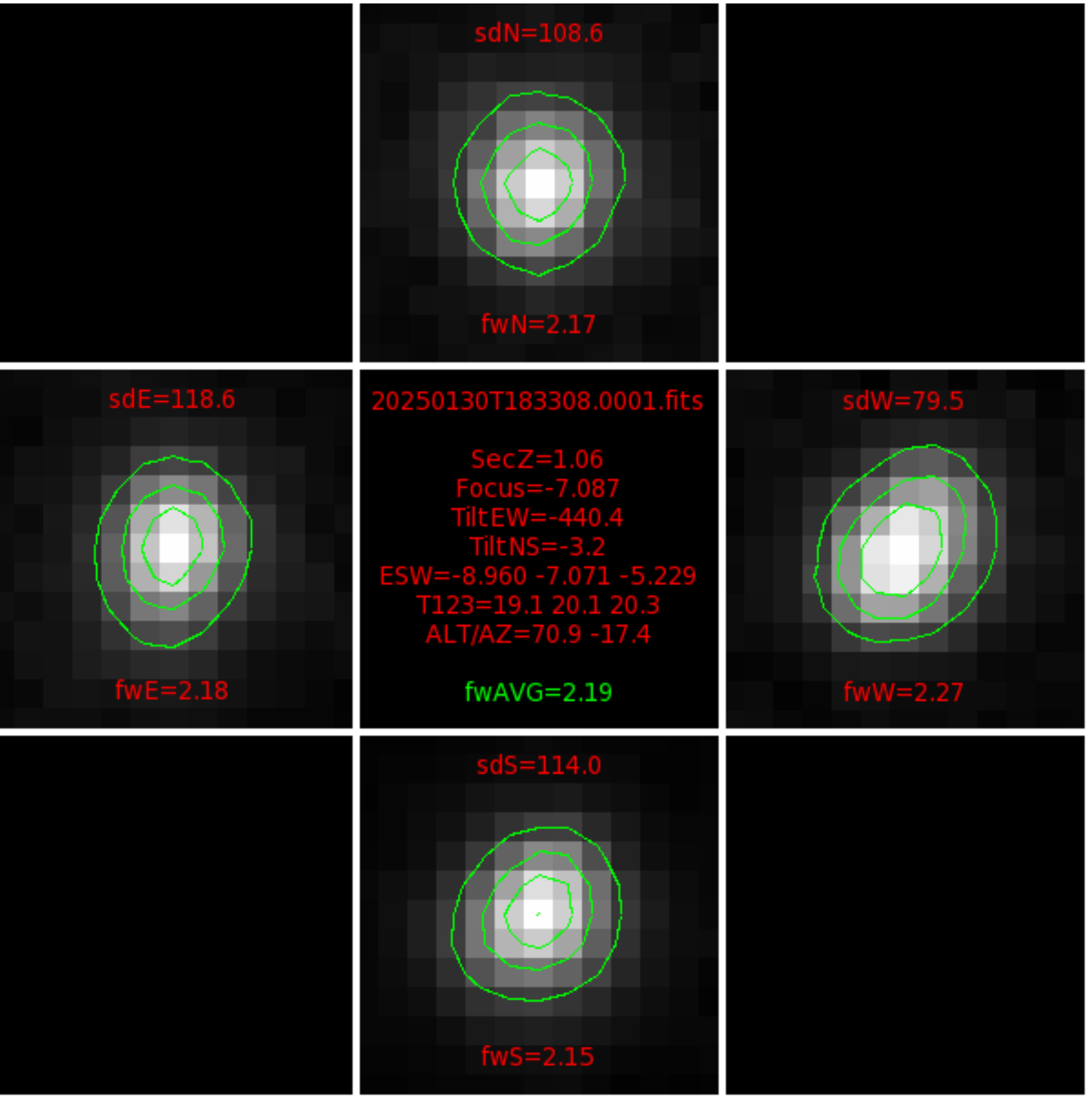
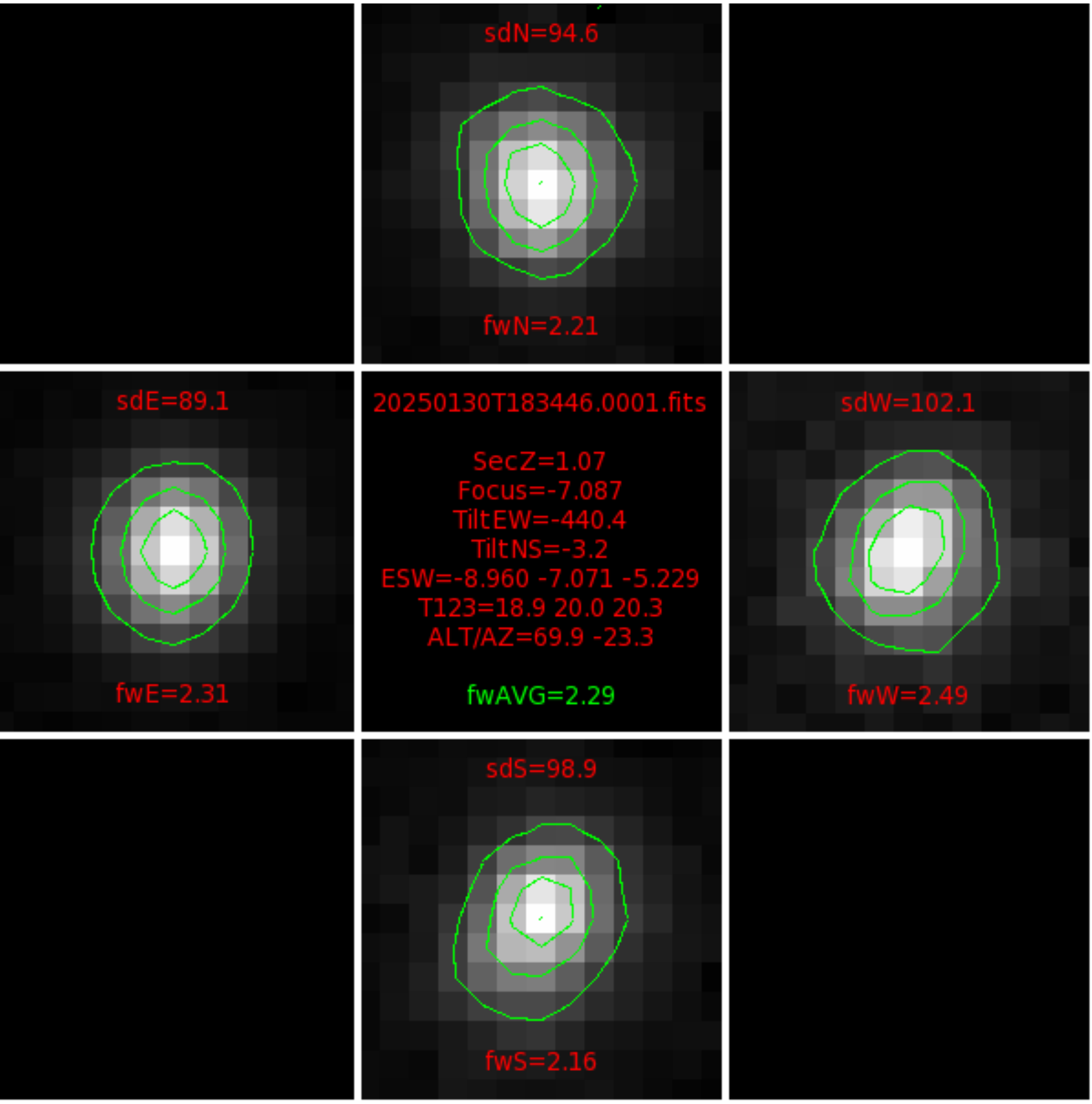
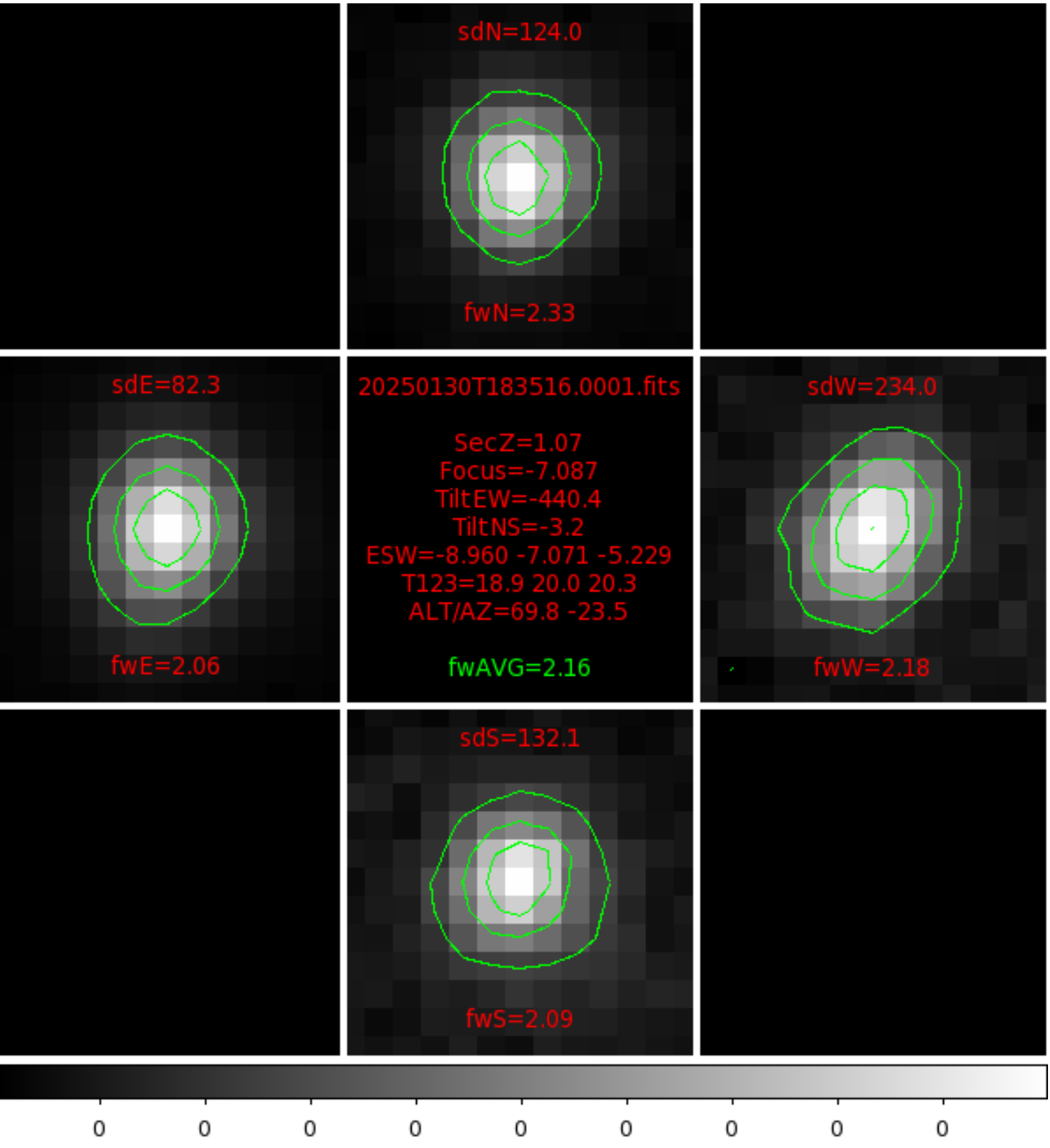

sdN=195.0
fwN=2.18
sdE=544.8
fwE=2.14
20250130T182846.0001.fits
SecZ=1.05
Focus=-7.090
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.963 -7.074 -5.232
T123=19.5 20.2 20.4
ALT/AZ=73.0 -17.8
fwAVG=2.22
sdW=321.4
fwW=2.33
sdS=804.1
fwS=2.22
0 0 0 0 0 0 0 0 0

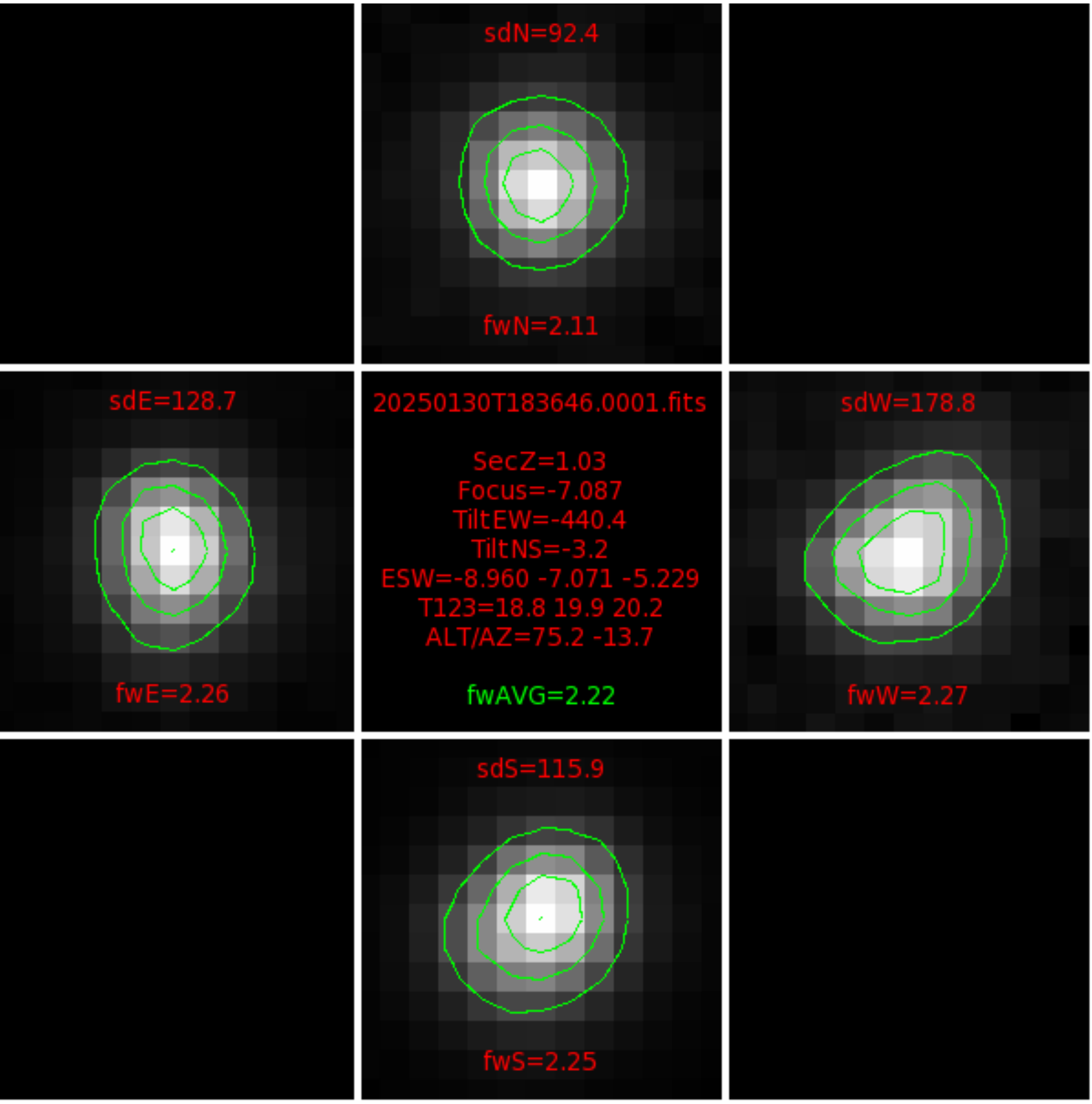

sdN=89.4
fwN=2.21
sdE=206.5
fwE=2.34
20250130T183044.0001.fits
SecZ=1.05
Focus=-7.087
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.960 -7.071 -5.229
T123=19.2 20.1 20.3
ALT/AZ=71.9 -24.7
fwAVG=2.28
sdW=1353.1
fwW=2.28
sdS=97.5
fwS=2.28
0 0 0 0 0 0 0 0 0

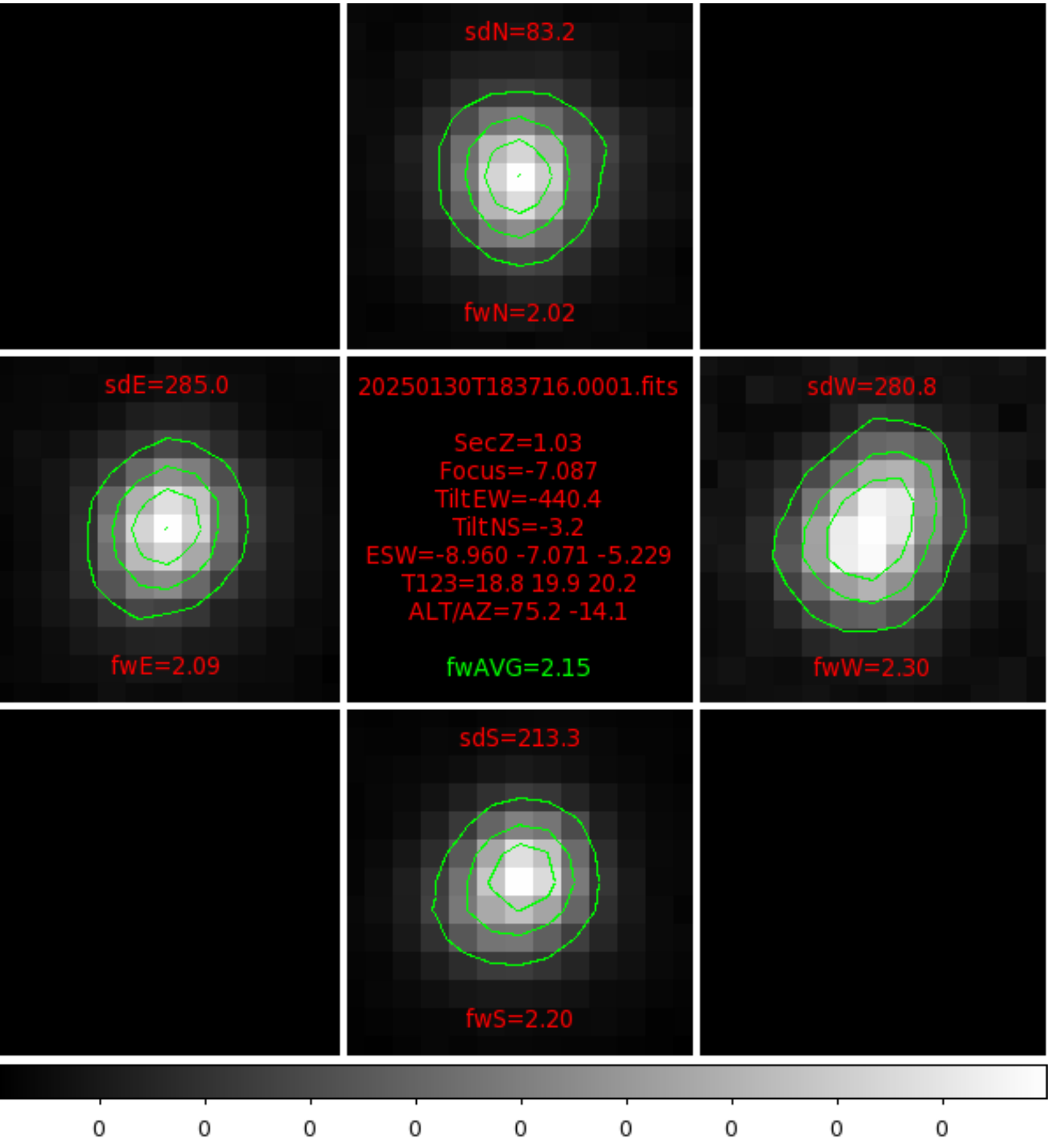

sdN=184.8
fwN=2.17
sdE=380.5
fwE=2.24
20250130T183238.0001.fits
SecZ=1.06
Focus=-7.087
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.960 -7.071 -5.229
T123=19.1 20.1 20.3
ALT/AZ=70.9 -17.2
fwAVG=2.27
sdW=1874.9
fwW=2.36
sdS=203.8
fwS=2.32
0 0 0 0 0 0 0 0 0

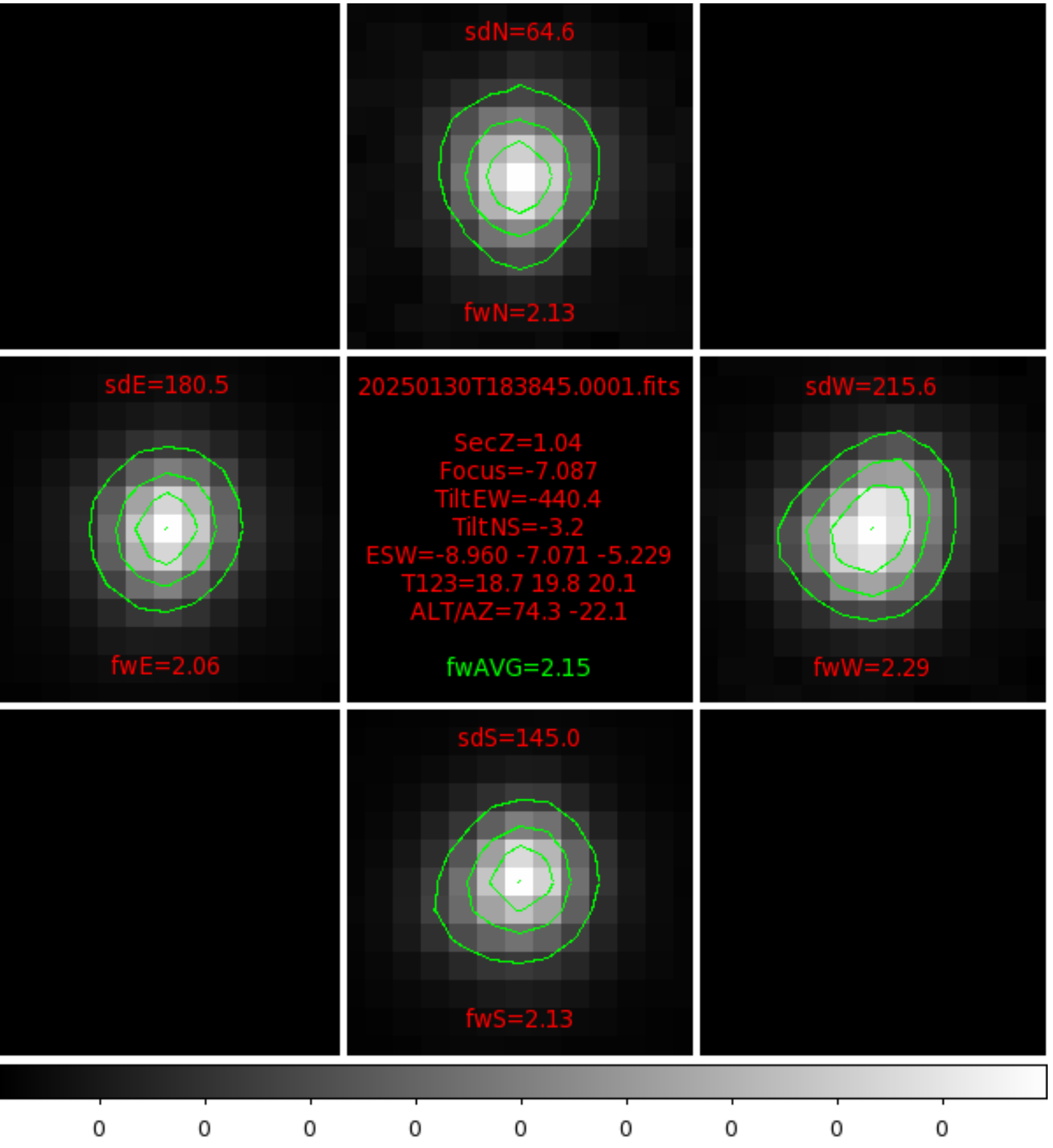

sdN=108.6
fwN=2.17
sdE=118.6
fwE=2.18
20250130T183308.0001.fits
SecZ=1.06
Focus=-7.087
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.960 -7.071 -5.229
T123=19.1 20.1 20.3
ALT/AZ=70.9 -17.4
fwAVG=2.19
sdW=79.5
fwW=2.27
sdS=114.0
fwS=2.15
0 0 0 0 0 0 0 0 0

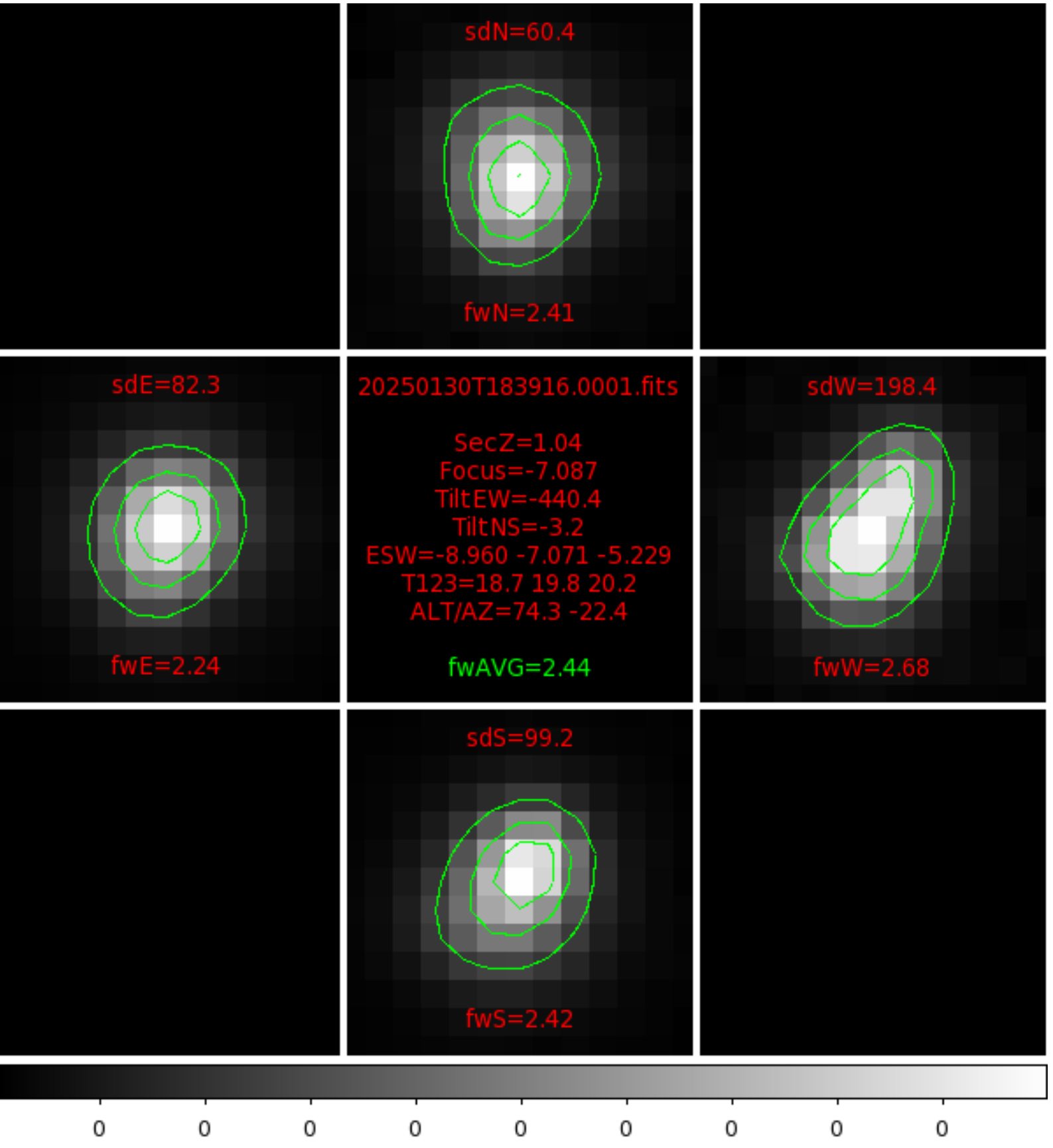

sdN=94.6
fwN=2.21
sdE=89.1
fwE=2.31
20250130T183446.0001.fits
SecZ=1.07
Focus=-7.087
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.960 -7.071 -5.229
T123=18.9 20.0 20.3
ALT/AZ=69.9 -23.3
fwAVG=2.29
sdW=102.1
fwW=2.49
sdS=98.9
fwS=2.16
0 0 0 0 0 0 0 0 0


sdN=124.0
fwN=2.33
sdE=82.3
fwE=2.06
20250130T183516.0001.fits
SecZ=1.07
Focus=-7.087
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.960 -7.071 -5.229
T123=18.9 20.0 20.3
ALT/AZ=69.8 -23.5
fwAVG=2.16
sdW=234.0
fwW=2.18
sdS=132.1
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=92.4
fwN=2.11
sdE=128.7
fwE=2.26
20250130T183646.0001.fits
SecZ=1.03
Focus=-7.087
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.960 -7.071 -5.229
T123=18.8 19.9 20.2
ALT/AZ=75.2 -13.7
fwAVG=2.22
sdW=178.8
fwW=2.27
sdS=115.9
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=83.2
fwN=2.02
sdE=285.0
fwE=2.09
20250130T183716.0001.fits
SecZ=1.03
Focus=-7.087
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.960 -7.071 -5.229
T123=18.8 19.9 20.2
ALT/AZ=75.2 -14.1
fwAVG=2.15
sdW=280.8
fwW=2.30
sdS=213.3
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=64.6
fwN=2.13
sdE=180.5
fwE=2.06
20250130T183845.0001.fits
SecZ=1.04
Focus=-7.087
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.960 -7.071 -5.229
T123=18.7 19.8 20.1
ALT/AZ=74.3 -22.1
fwAVG=2.15
sdW=215.6
fwW=2.29
sdS=145.0
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=60.4
fwN=2.41
sdE=82.3
fwE=2.24
20250130T183916.0001.fits
SecZ=1.04
Focus=-7.087
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.960 -7.071 -5.229
T123=18.7 19.8 20.2
ALT/AZ=74.3 -22.4
fwAVG=2.44
sdW=198.4
fwW=2.68
sdS=99.2
fwS=2.42
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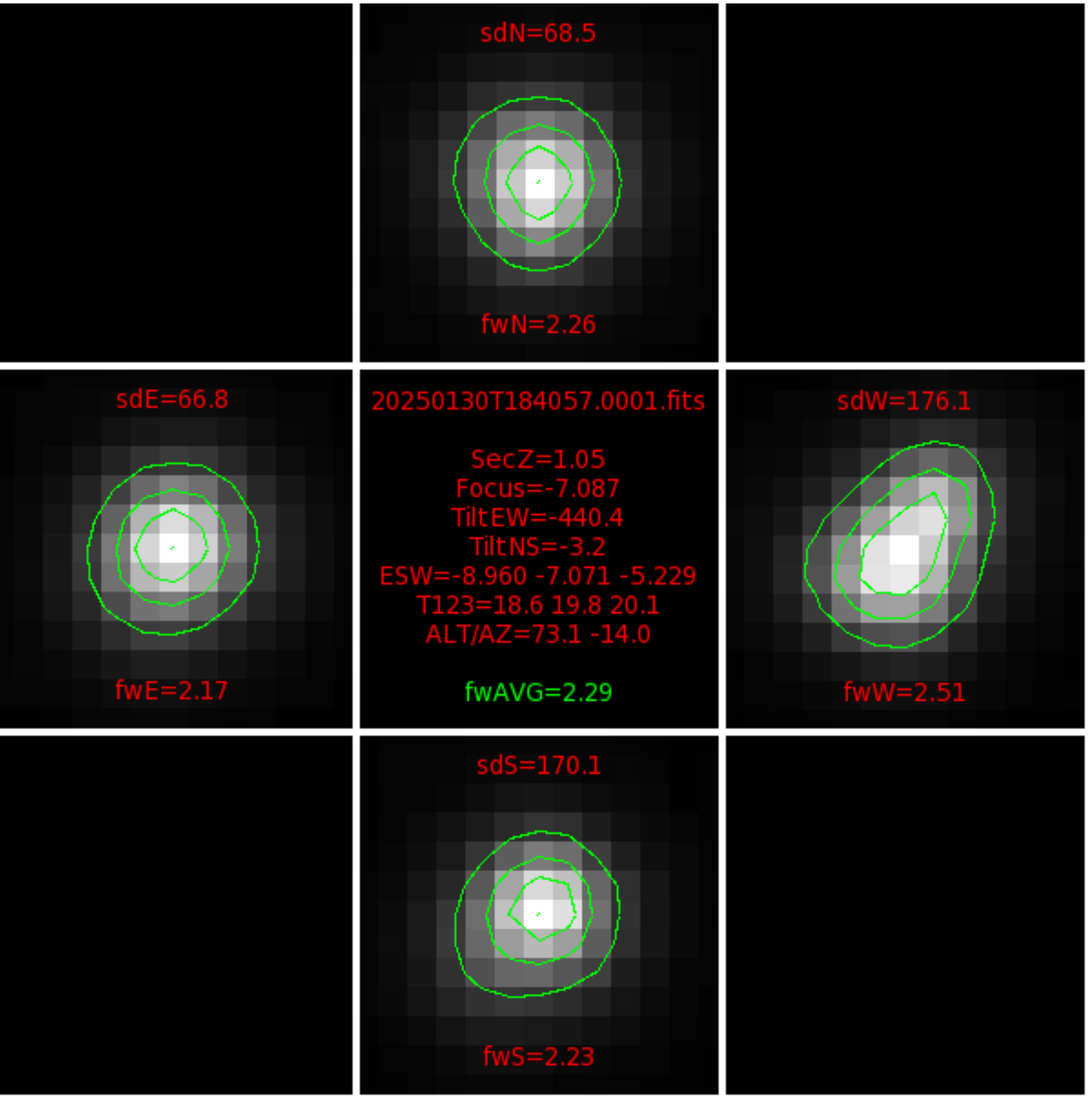
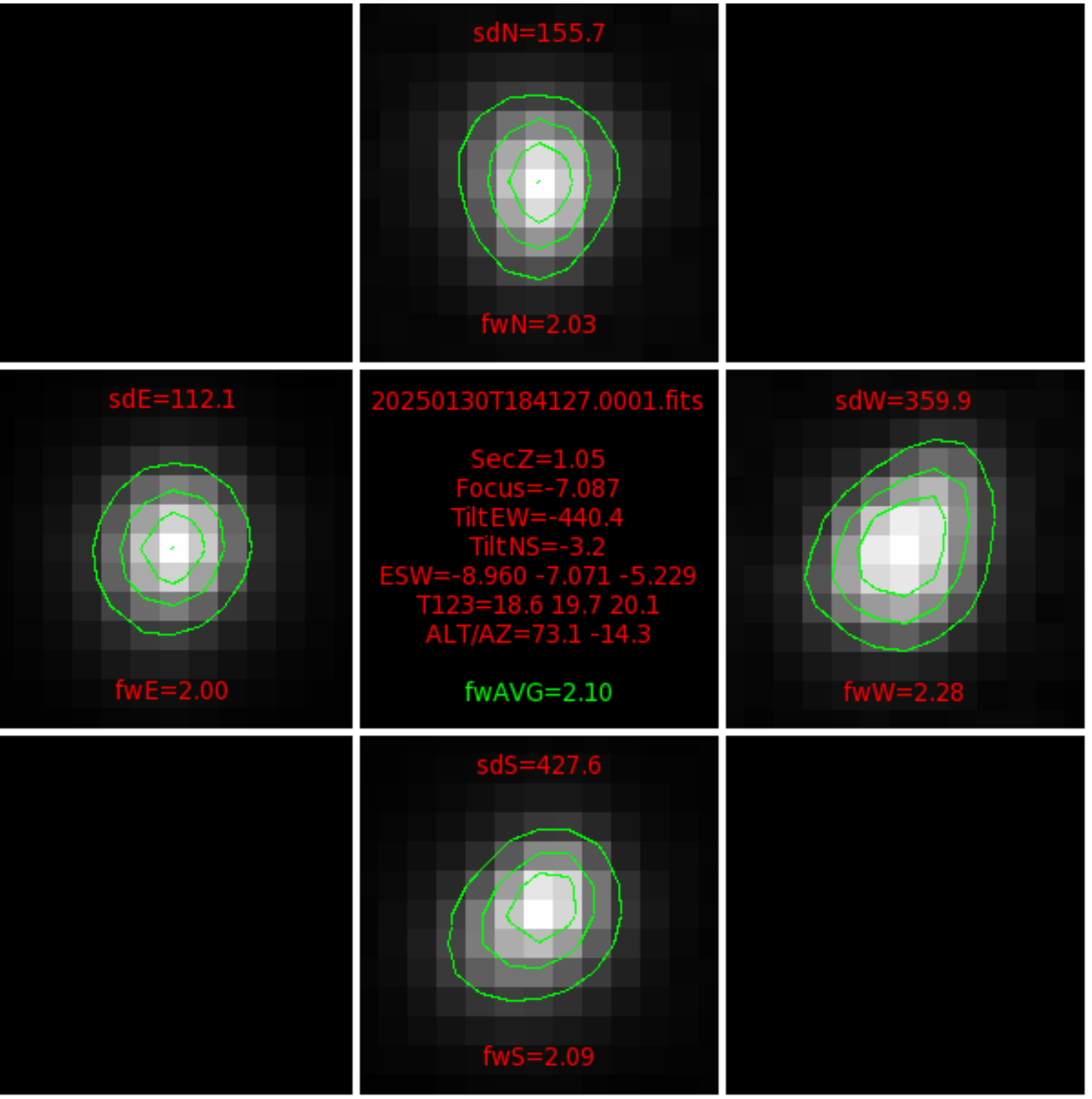
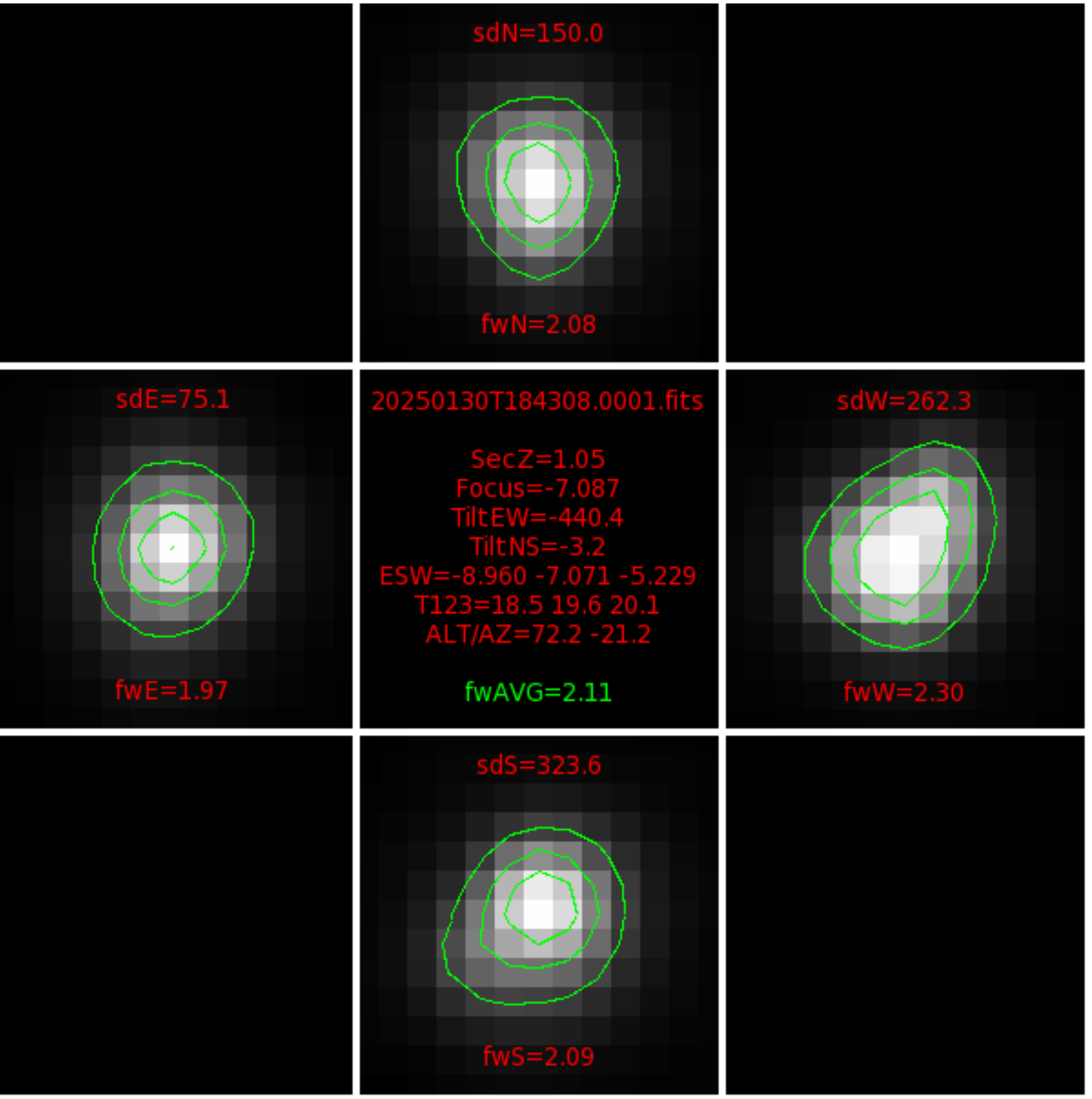
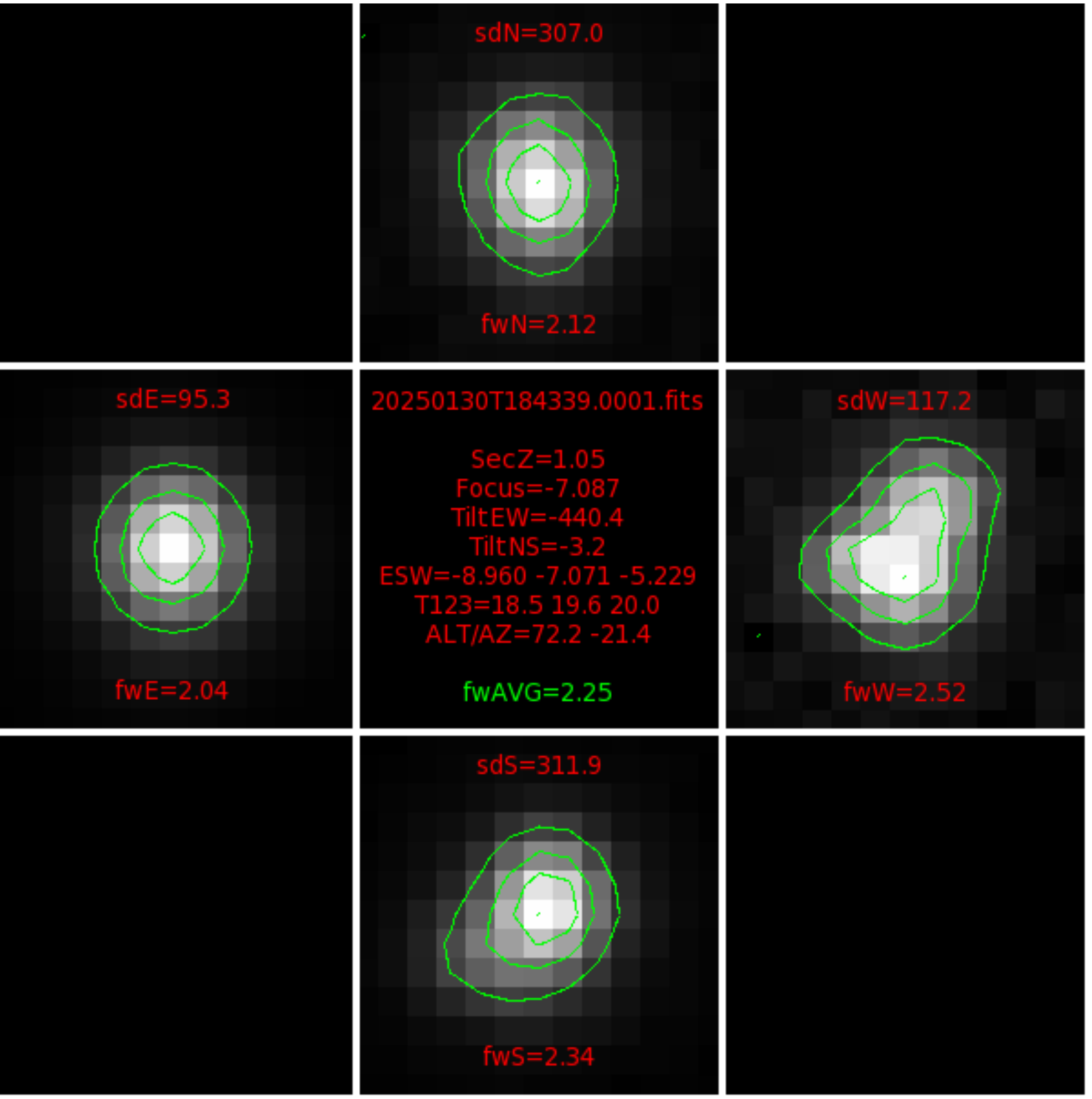

sdN=68.5
fwN=2.26
sdE=66.8
fwE=2.17
20250130T184057.0001.fits
SecZ=1.05
Focus=-7.087
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.960 -7.071 -5.229
T123=18.6 19.8 20.1
ALT/AZ=73.1 -14.0
fwAVG=2.29
sdW=176.1
fwW=2.51
sdS=170.1
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=155.7
fwN=2.03
sdE=112.1
fwE=2.00
20250130T184127.0001.fits
SecZ=1.05
Focus=-7.087
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.960 -7.071 -5.229
T123=18.6 19.7 20.1
ALT/AZ=73.1 -14.3
fwAVG=2.10
sdW=359.9
fwW=2.28
sdS=427.6
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=150.0
fwN=2.08
sdE=75.1
fwE=1.97
20250130T184308.0001.fits
SecZ=1.05
Focus=-7.087
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.960 -7.071 -5.229
T123=18.5 19.6 20.1
ALT/AZ=72.2 -21.2
fwAVG=2.11
sdW=262.3
fwW=2.30
sdS=323.6
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=307.0
fwN=2.12
sdE=95.3
fwE=2.04
20250130T184339.0001.fits
SecZ=1.05
Focus=-7.087
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.960 -7.071 -5.229
T123=18.5 19.6 20.0
ALT/AZ=72.2 -21.4
fwAVG=2.25
sdW=117.2
fwW=2.52
sdS=311.9
fwS=2.34
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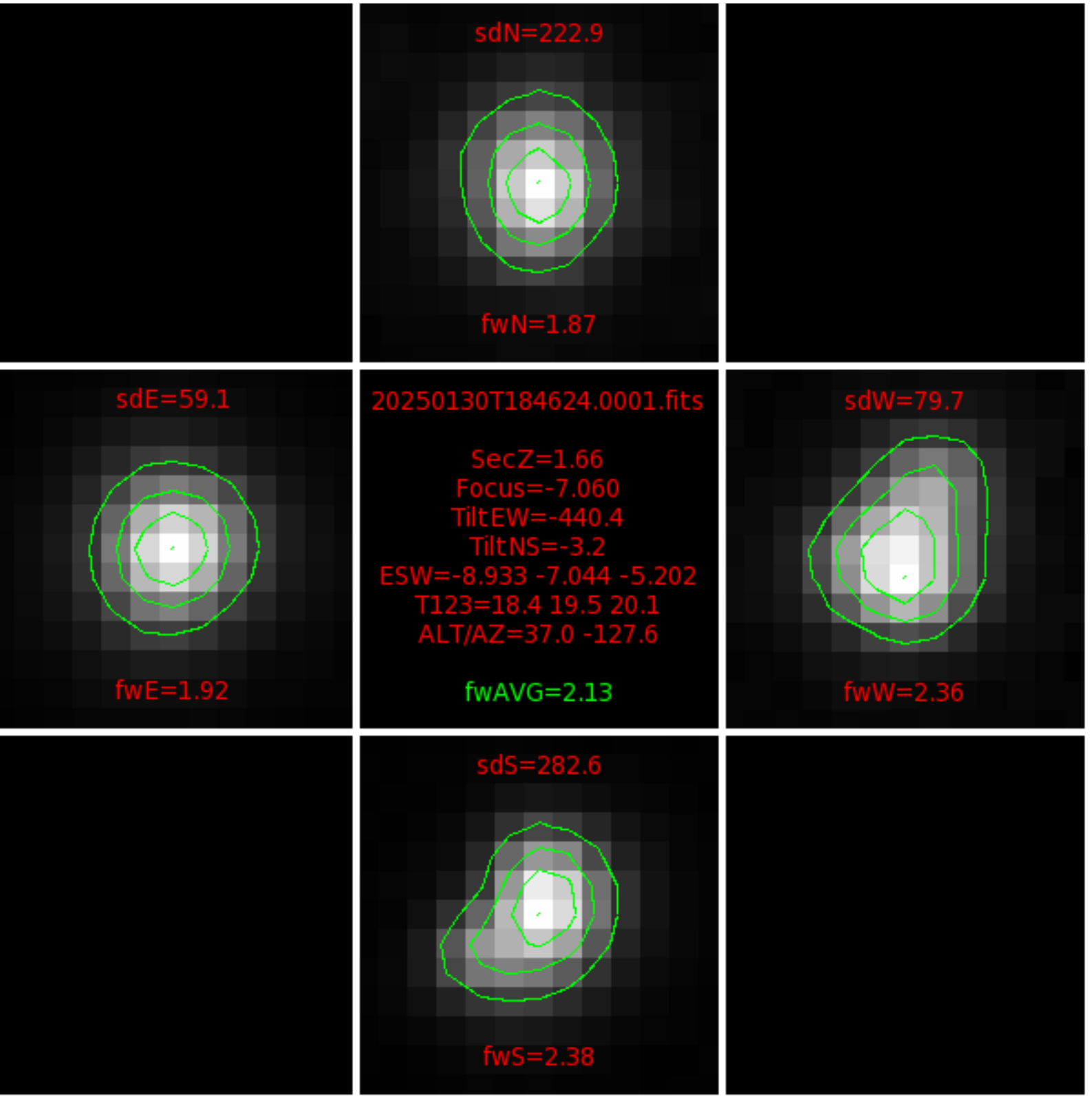
sdN=222.9
fwN=1.87
sdE=59.1
fwE=1.92
20250130T184624.0001.fits
SecZ=1.66
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.4 19.5 20.1
ALT/AZ=37.0 -127.6
fwAVG=2.13
sdW=79.7
fwW=2.36
sdS=282.6
fwS=2.38
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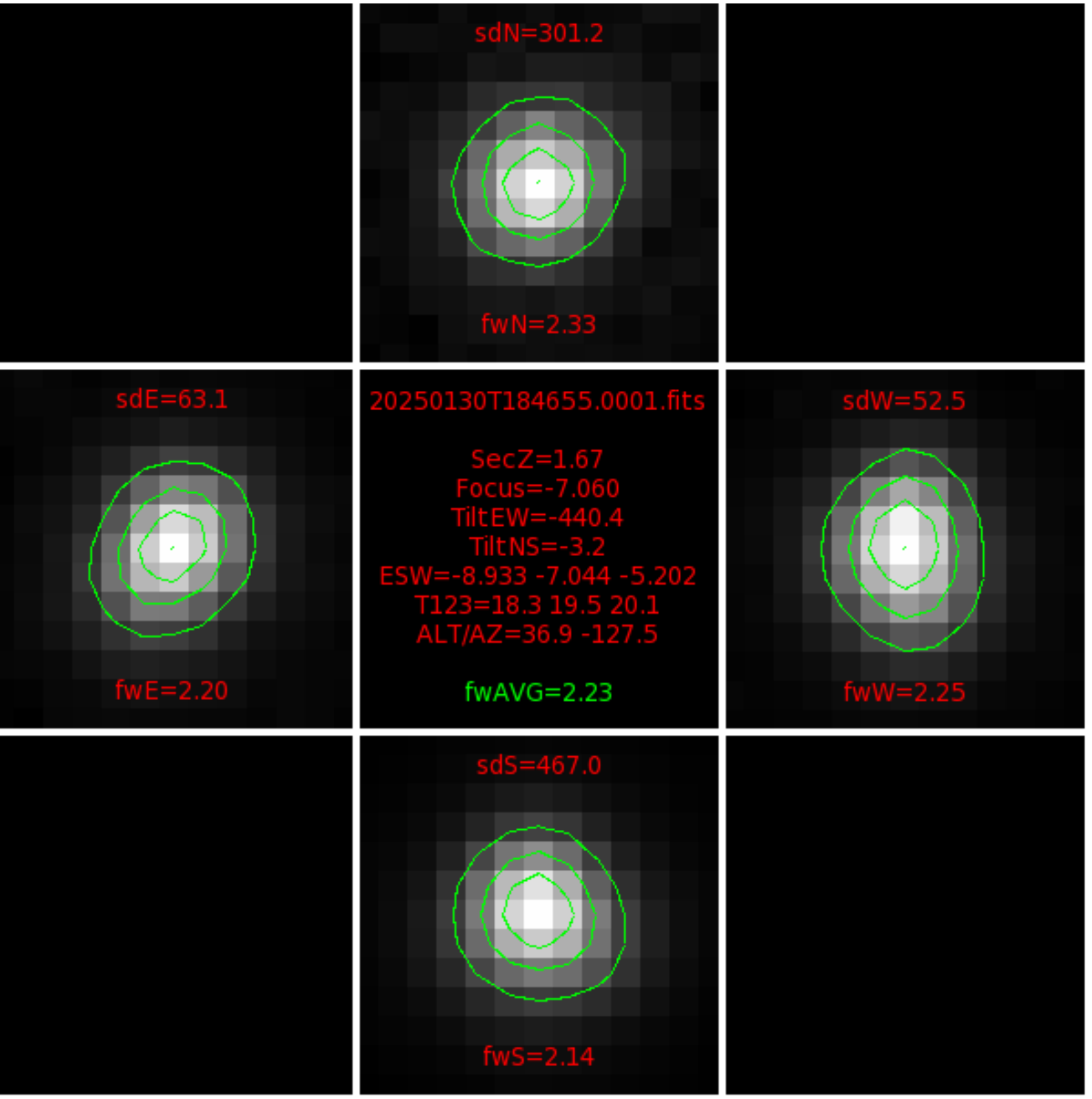
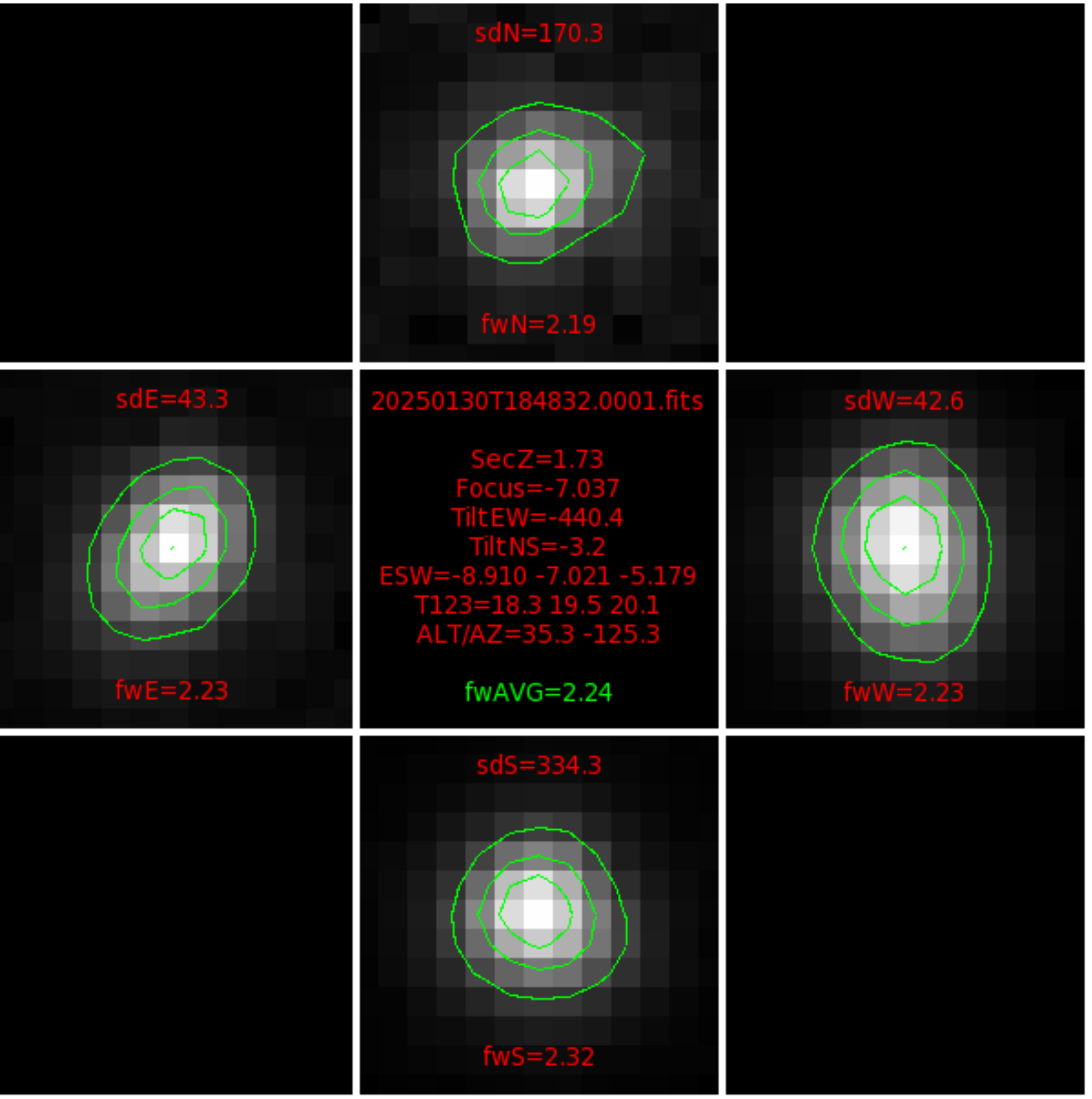
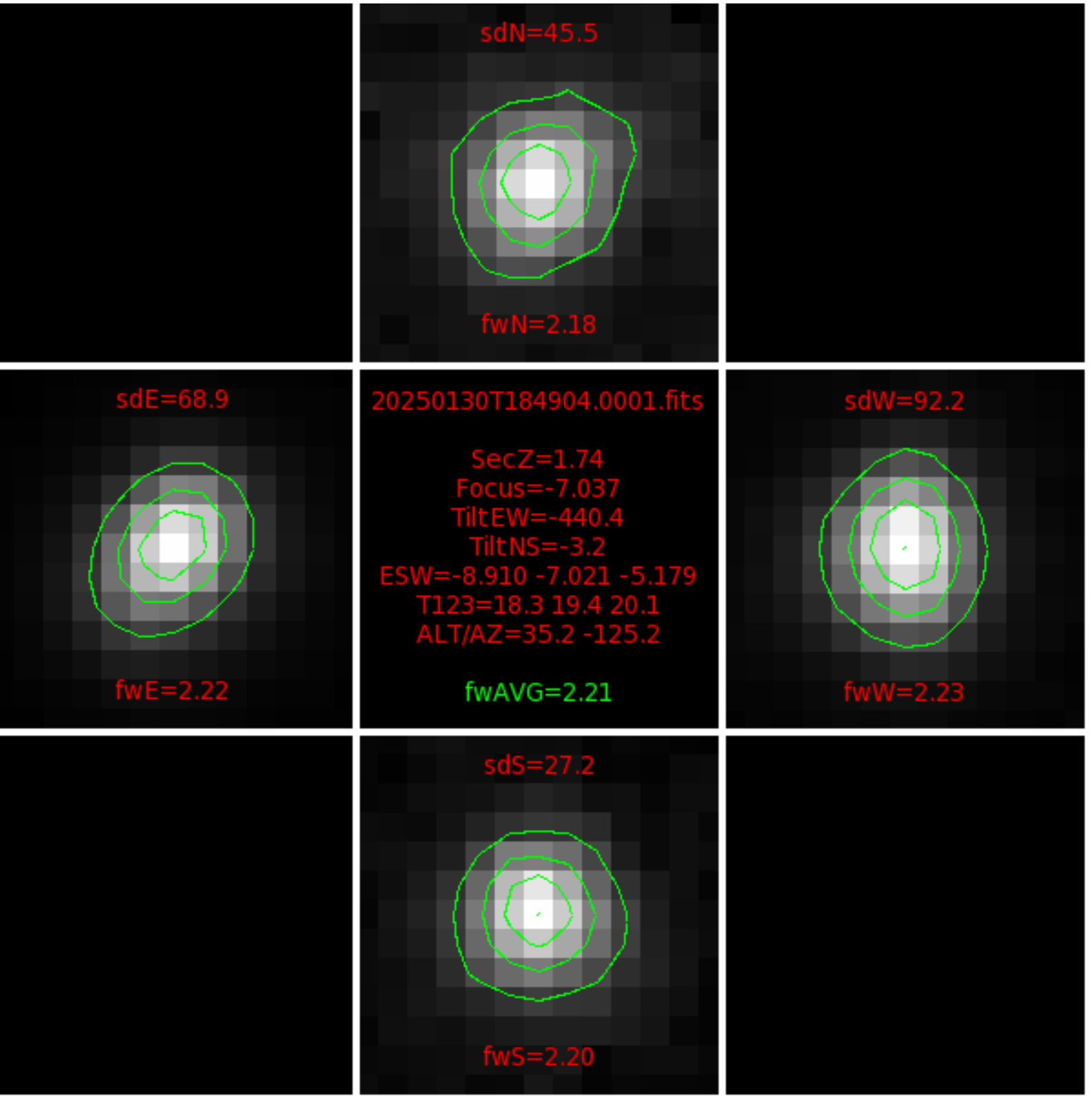
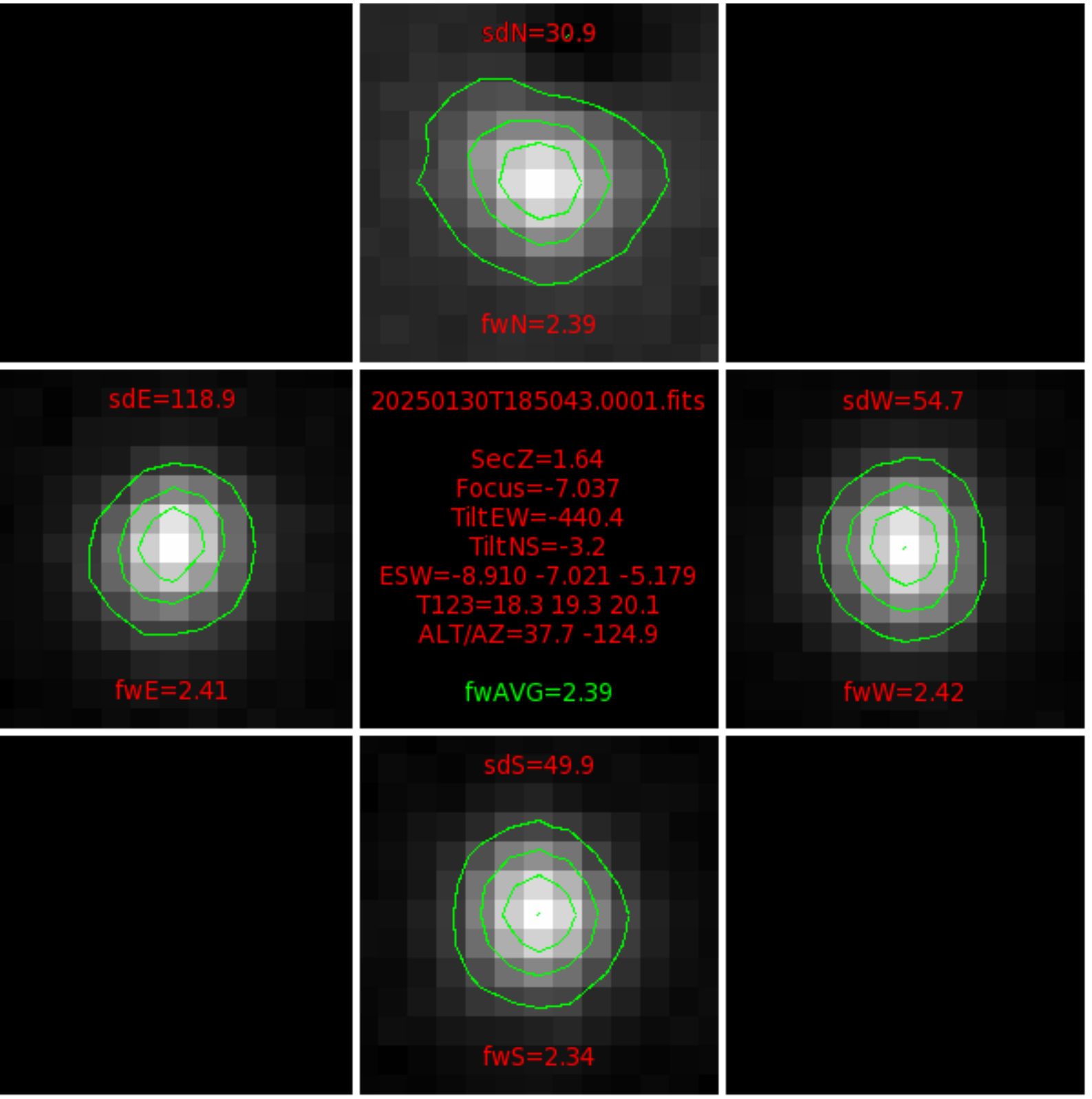
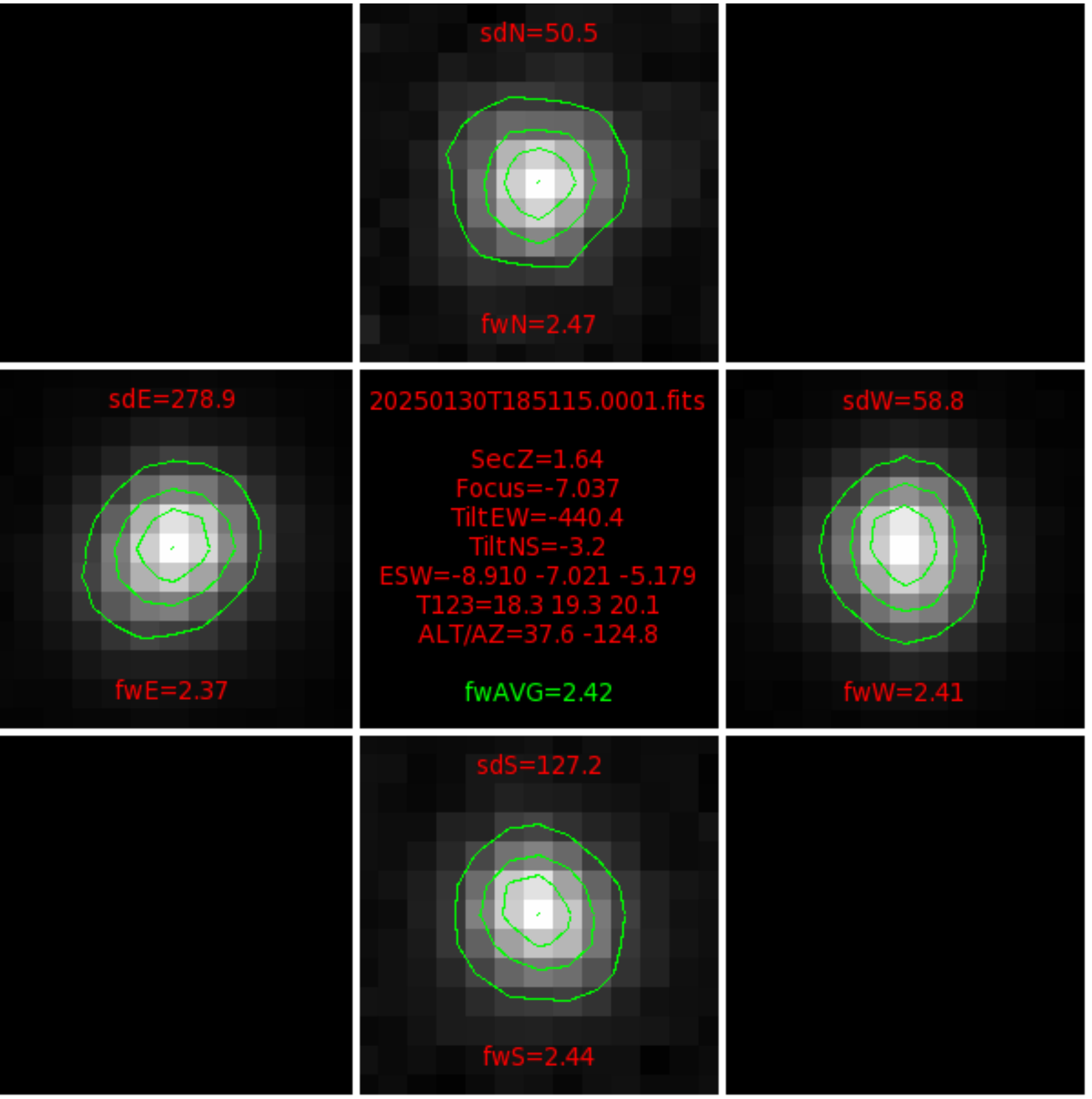
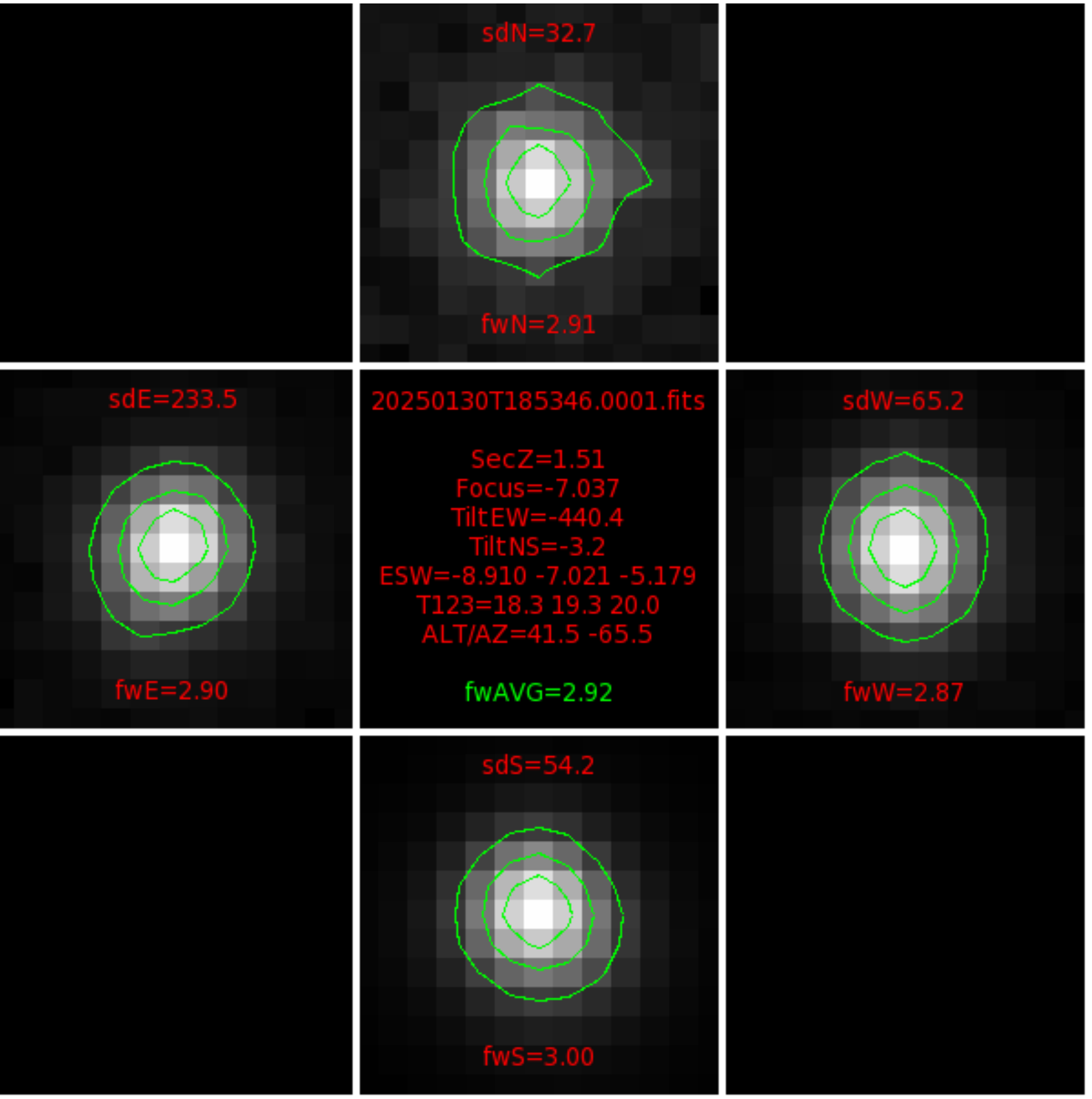

sdN=301.2
fwN=2.33
sdE=63.1
fwE=2.20
20250130T184655.0001.fits
SecZ=1.67
Focus=-7.060
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.933 -7.044 -5.202
T123=18.3 19.5 20.1
ALT/AZ=36.9 -127.5
fwAVG=2.23
sdW=52.5
fwW=2.25
sdS=467.0
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=170.3
fwN=2.19
sdE=43.3
fwE=2.23
20250130T184832.0001.fits
SecZ=1.73
Focus=-7.037
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.910 -7.021 -5.179
T123=18.3 19.5 20.1
ALT/AZ=35.3 -125.3
fwAVG=2.24
sdW=42.6
fwW=2.23
sdS=334.3
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=45.5
fwN=2.18
sdE=68.9
fwE=2.22
20250130T184904.0001.fits
SecZ=1.74
Focus=-7.037
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.910 -7.021 -5.179
T123=18.3 19.4 20.1
ALT/AZ=35.2 -125.2
fwAVG=2.21
sdW=92.2
fwW=2.23
sdS=27.2
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=30.9
fwN=2.39
sdE=118.9
fwE=2.41
20250130T185043.0001.fits
SecZ=1.64
Focus=-7.037
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.910 -7.021 -5.179
T123=18.3 19.3 20.1
ALT/AZ=37.7 -124.9
fwAVG=2.39
sdW=54.7
fwW=2.42
sdS=49.9
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=50.5
fwN=2.47
sdE=278.9
fwE=2.37
20250130T185115.0001.fits
SecZ=1.64
Focus=-7.037
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.910 -7.021 -5.179
T123=18.3 19.3 20.1
ALT/AZ=37.6 -124.8
fwAVG=2.42
sdW=58.8
fwW=2.41
sdS=127.2
fwS=2.44
0 0 0 0 0 0 0 0 0


sdN=32.7
fwN=2.91
sdE=233.5
fwE=2.90
20250130T185346.0001.fits
SecZ=1.51
Focus=-7.037
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.910 -7.021 -5.179
T123=18.3 19.3 20.0
ALT/AZ=41.5 -65.5
fwAVG=2.92
sdW=65.2
fwW=2.87
sdS=54.2
fwS=3.00
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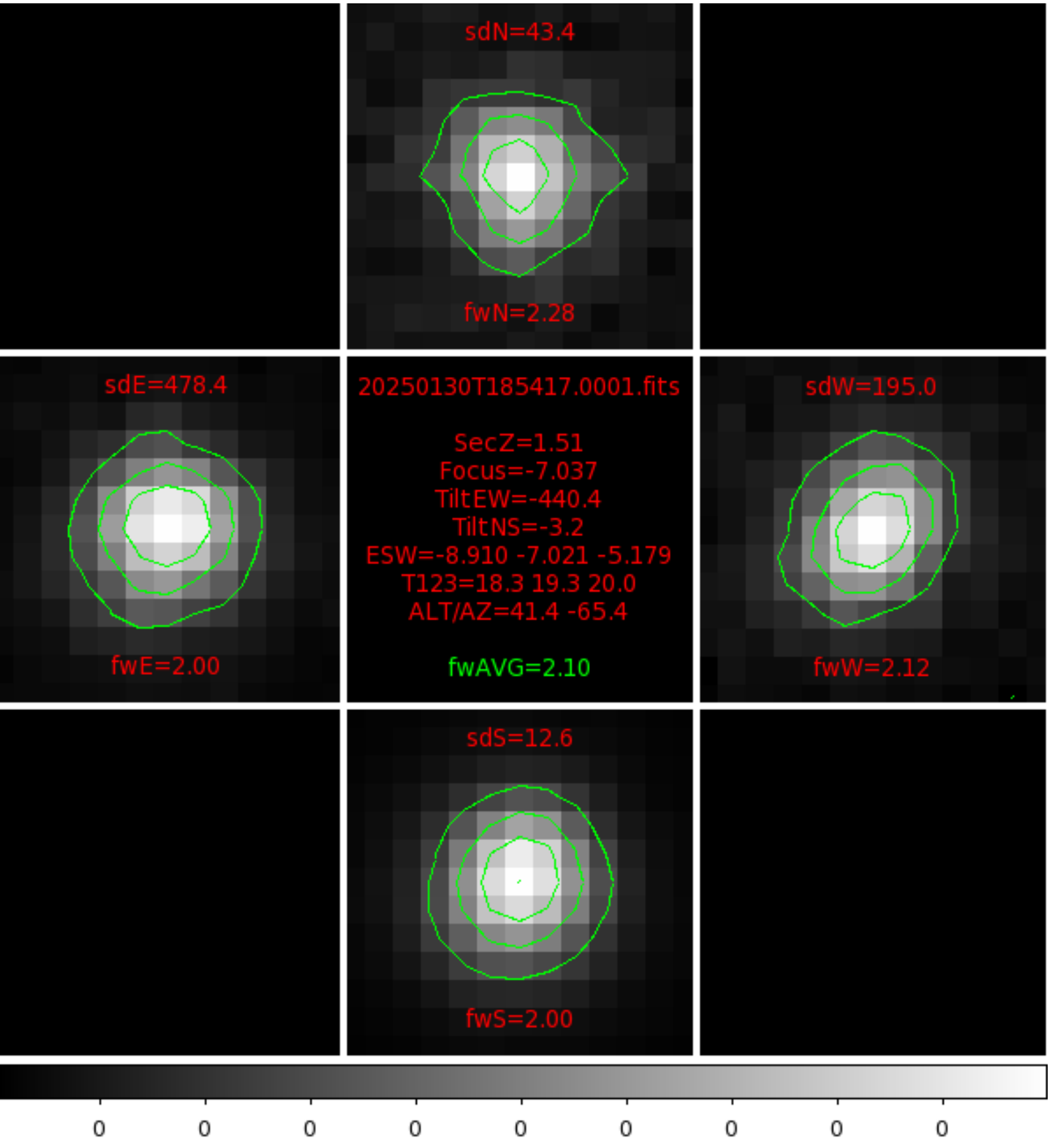
sdN=43.4
fwN=2.28
sdE=478.4
fwE=2.00
20250130T185417.0001.fits
SecZ=1.51
Focus=-7.037
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.910 -7.021 -5.179
T123=18.3 19.3 20.0
ALT/AZ=41.4 -65.4
fwAVG=2.10
sdW=195.0
fwW=2.12
sdS=12.6
fwS=2.00
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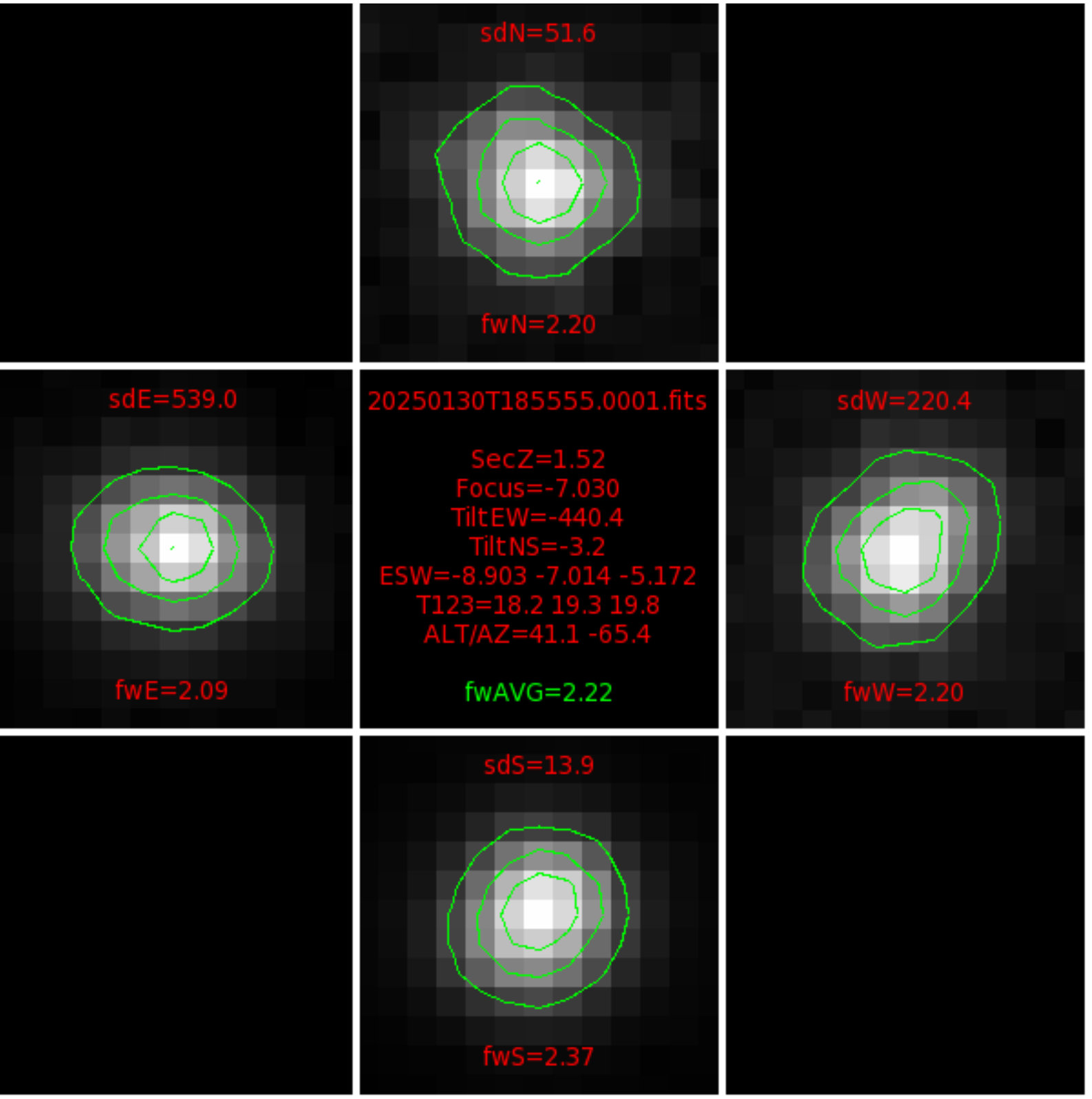
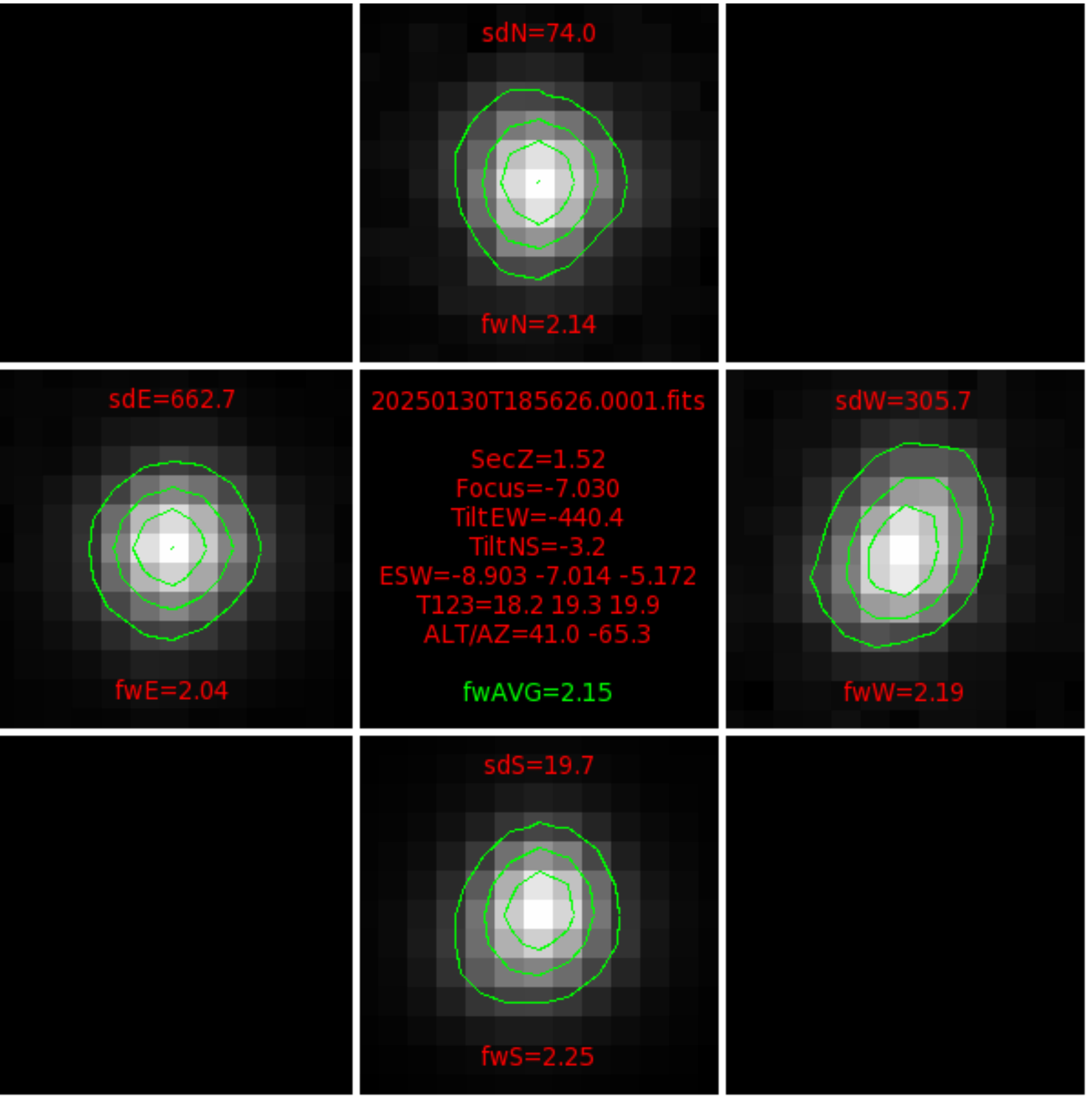

sdN=51.6
fwN=2.20
sdE=539.0
fwE=2.09
20250130T185555.0001.fits
SecZ=1.52
Focus=-7.030
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.903 -7.014 -5.172
T123=18.2 19.3 19.8
ALT/AZ=41.1 -65.4
fwAVG=2.22
sdW=220.4
fwW=2.20
sdS=13.9
fwS=2.37
0 0 0 0 0 0 0 0 0


sdN=74.0
fwN=2.14
sdE=662.7
fwE=2.04
20250130T185626.0001.fits
SecZ=1.52
Focus=-7.030
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.903 -7.014 -5.172
T123=18.2 19.3 19.9
ALT/AZ=41.0 -65.3
fwAVG=2.15
sdW=305.7
fwW=2.19
sdS=19.7
fwS=2.25
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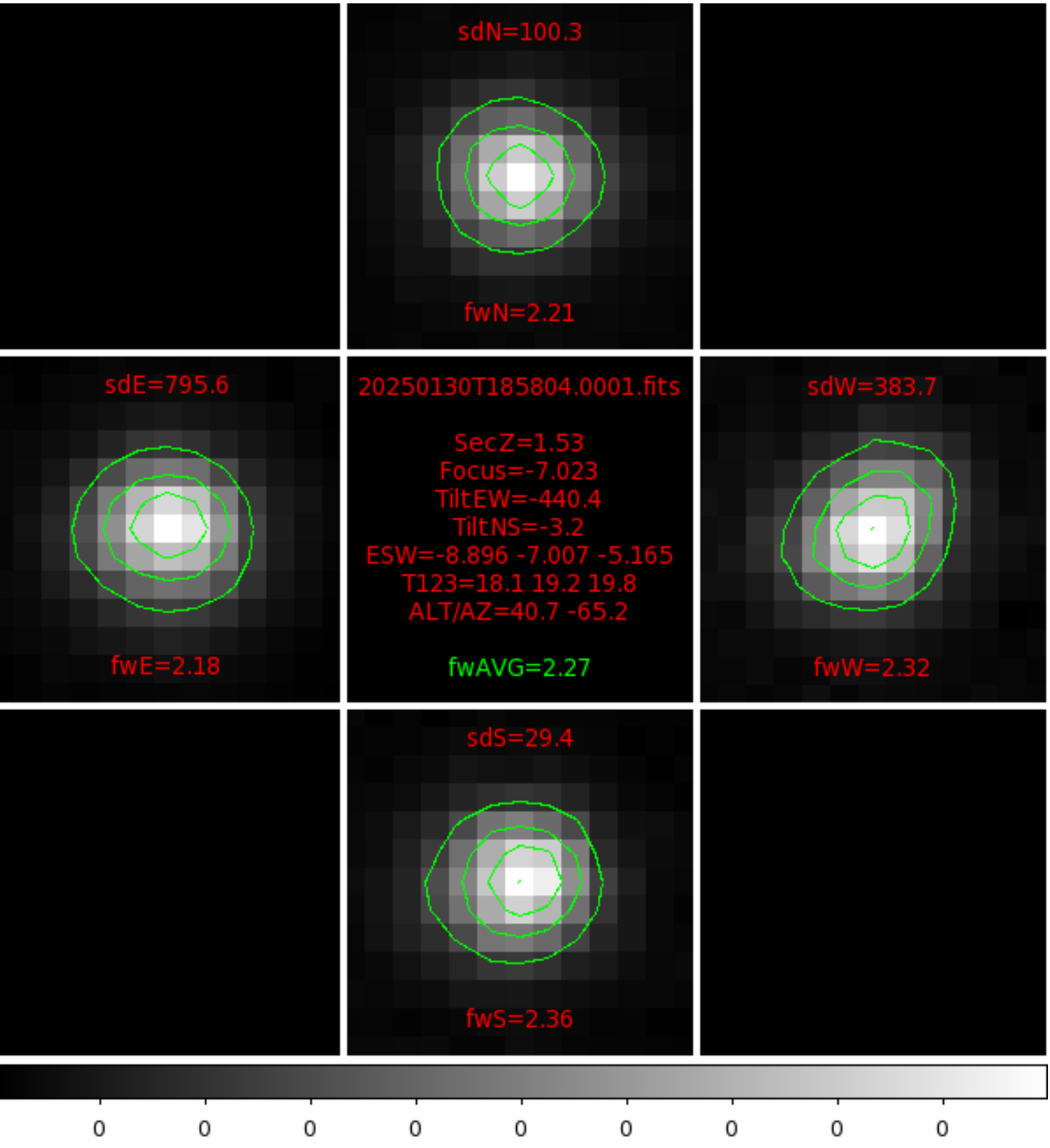
sdN=100.3
fwN=2.21
sdE=795.6
fwE=2.18
20250130T185804.0001.fits
SecZ=1.53
Focus=-7.023
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.896 -7.007 -5.165
T123=18.1 19.2 19.8
ALT/AZ=40.7 -65.2
fwAVG=2.27
sdW=383.7
fwW=2.32
sdS=29.4
fwS=2.36
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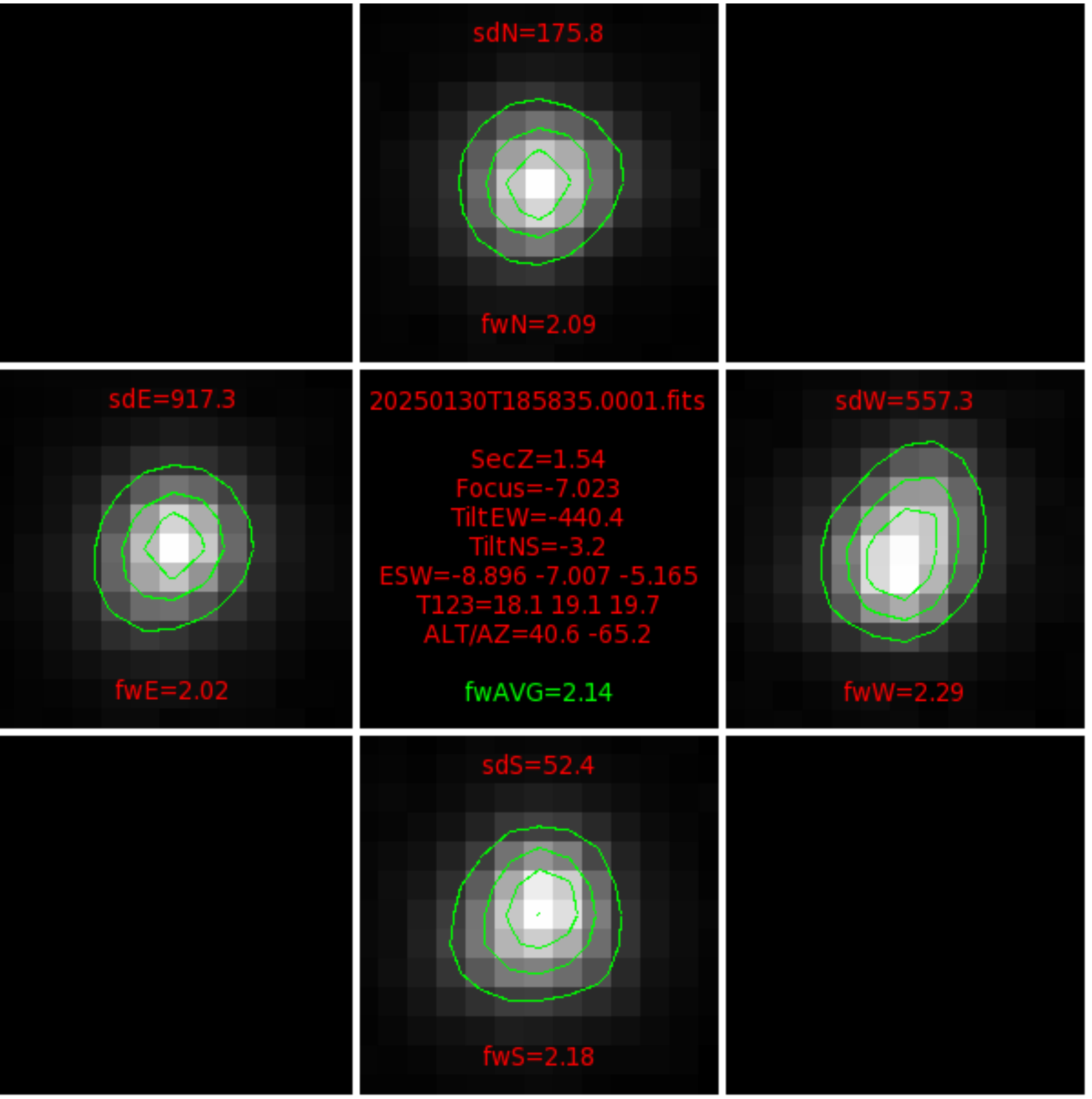
sdN=175.8
fwN=2.09
sdE=917.3
fwE=2.02
20250130T185835.0001.fits
SecZ=1.54
Focus=-7.023
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.896 -7.007 -5.165
T123=18.1 19.1 19.7
ALT/AZ=40.6 -65.2
fwAVG=2.14
sdW=557.3
fwW=2.29
sdS=52.4
fwS=2.18
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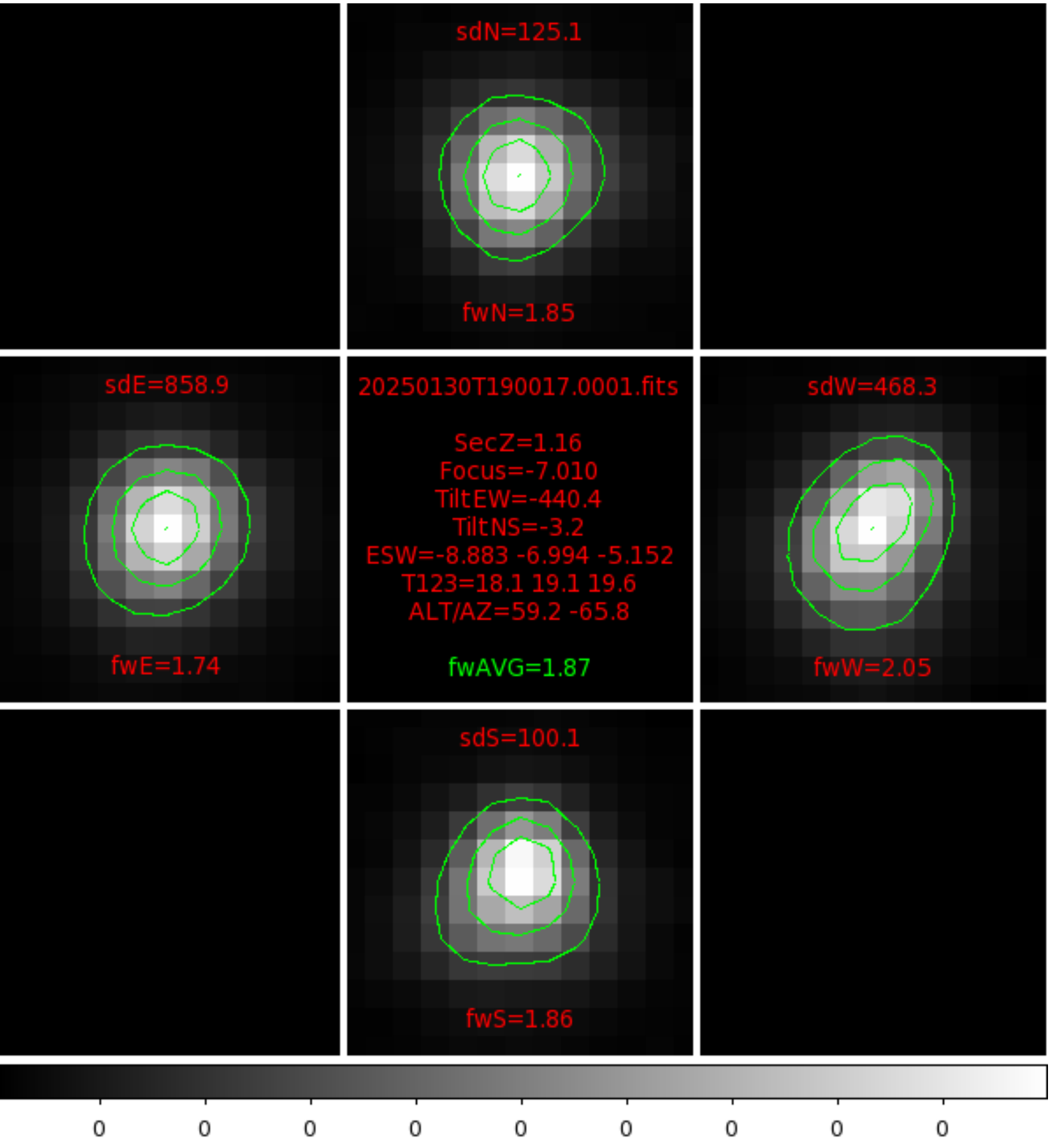
sdN=125.1
fwN=1.85
sdE=858.9
fwE=1.74
20250130T190017.0001.fits
SecZ=1.16
Focus=-7.010
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.883 -6.994 -5.152
T123=18.1 19.1 19.6
ALT/AZ=59.2 -65.8
fwAVG=1.87
sdW=468.3
fwW=2.05
sdS=100.1
fwS=1.86
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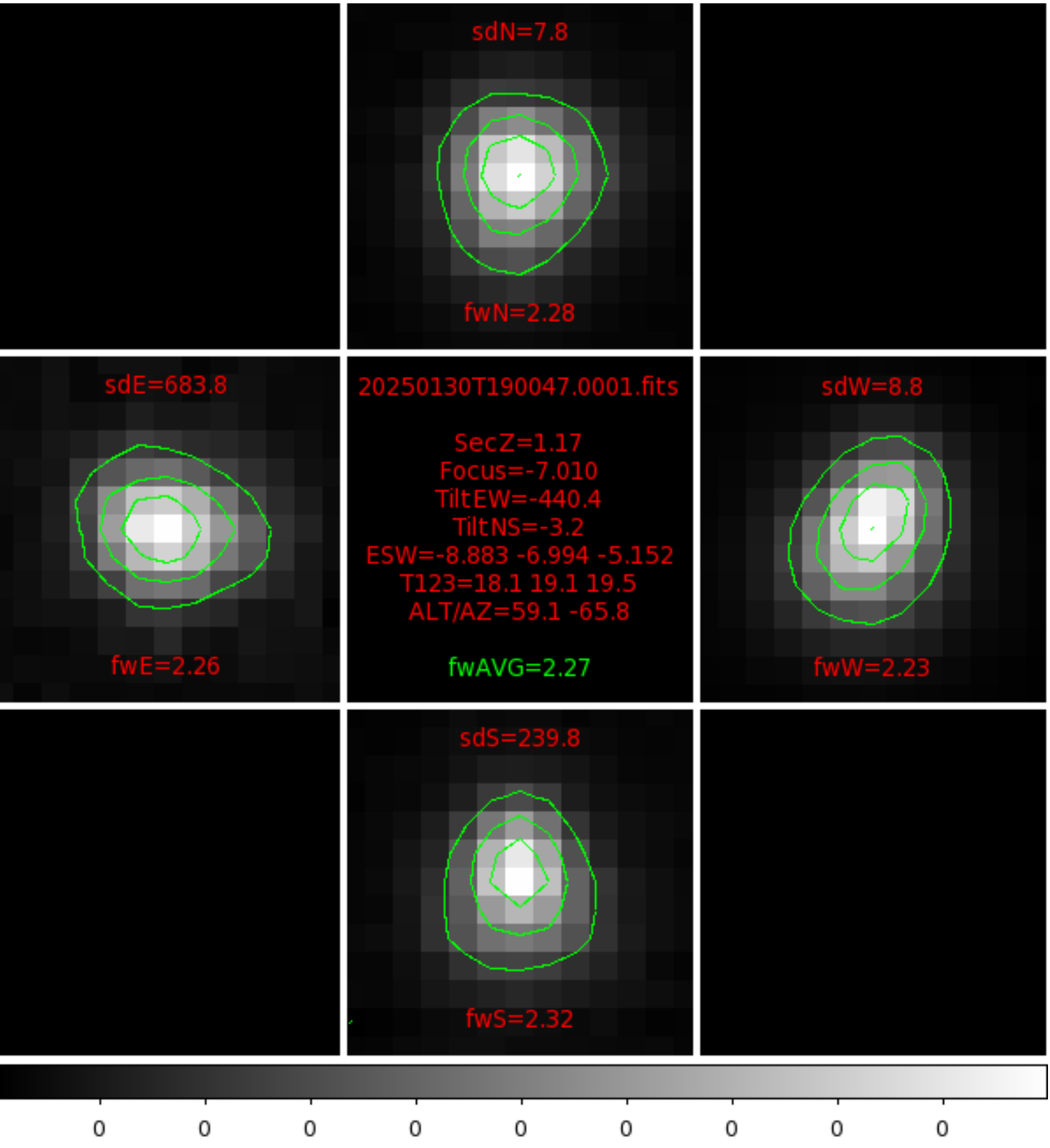
sdN=7.8
fwN=2.28
sdE=683.8
fwE=2.26
20250130T190047.0001.fits
SecZ=1.17
Focus=-7.010
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.883 -6.994 -5.152
T123=18.1 19.1 19.5
ALT/AZ=59.1 -65.8
fwAVG=2.27
sdW=8.8
fwW=2.23
sdS=239.8
fwS=2.32
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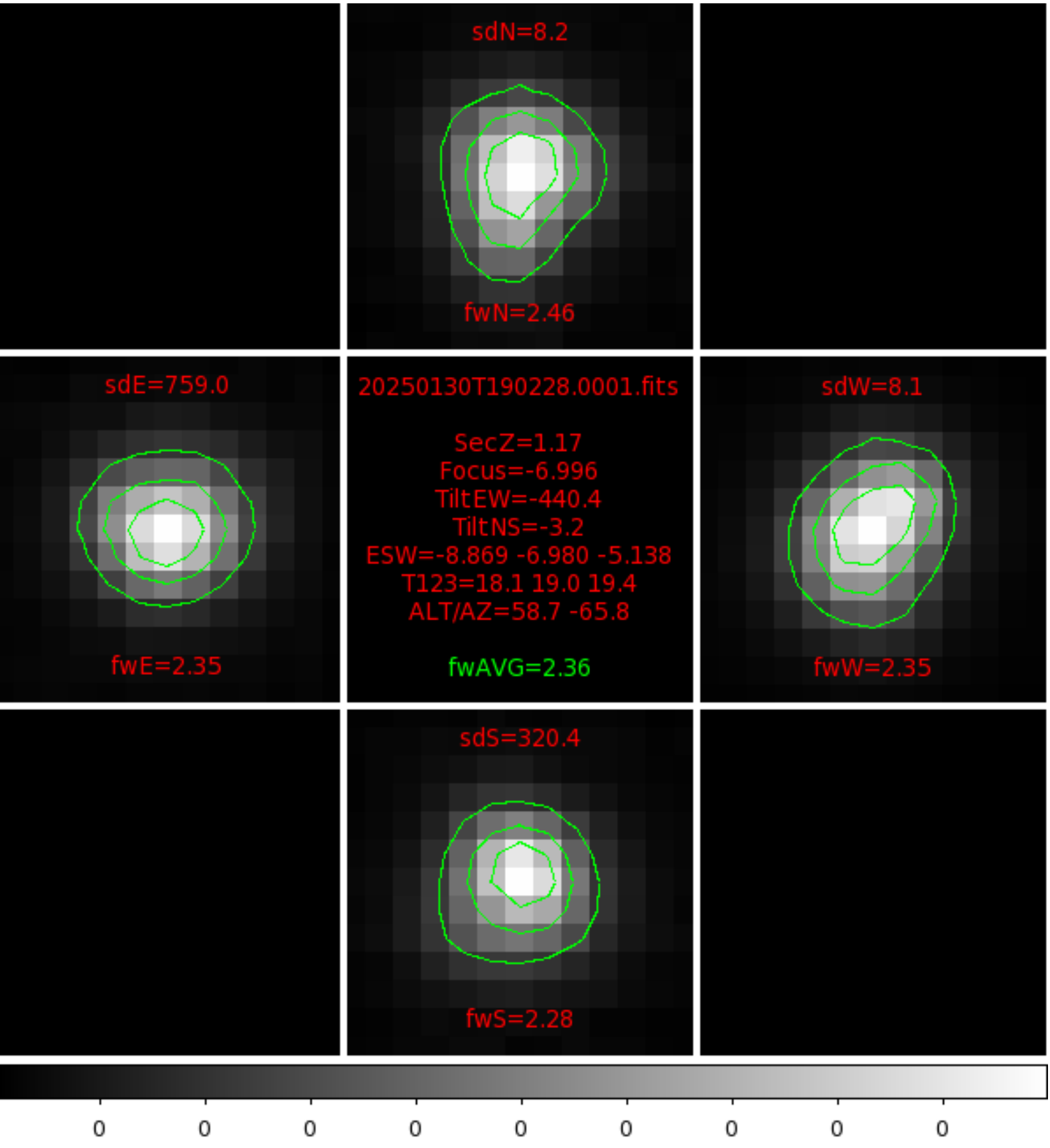
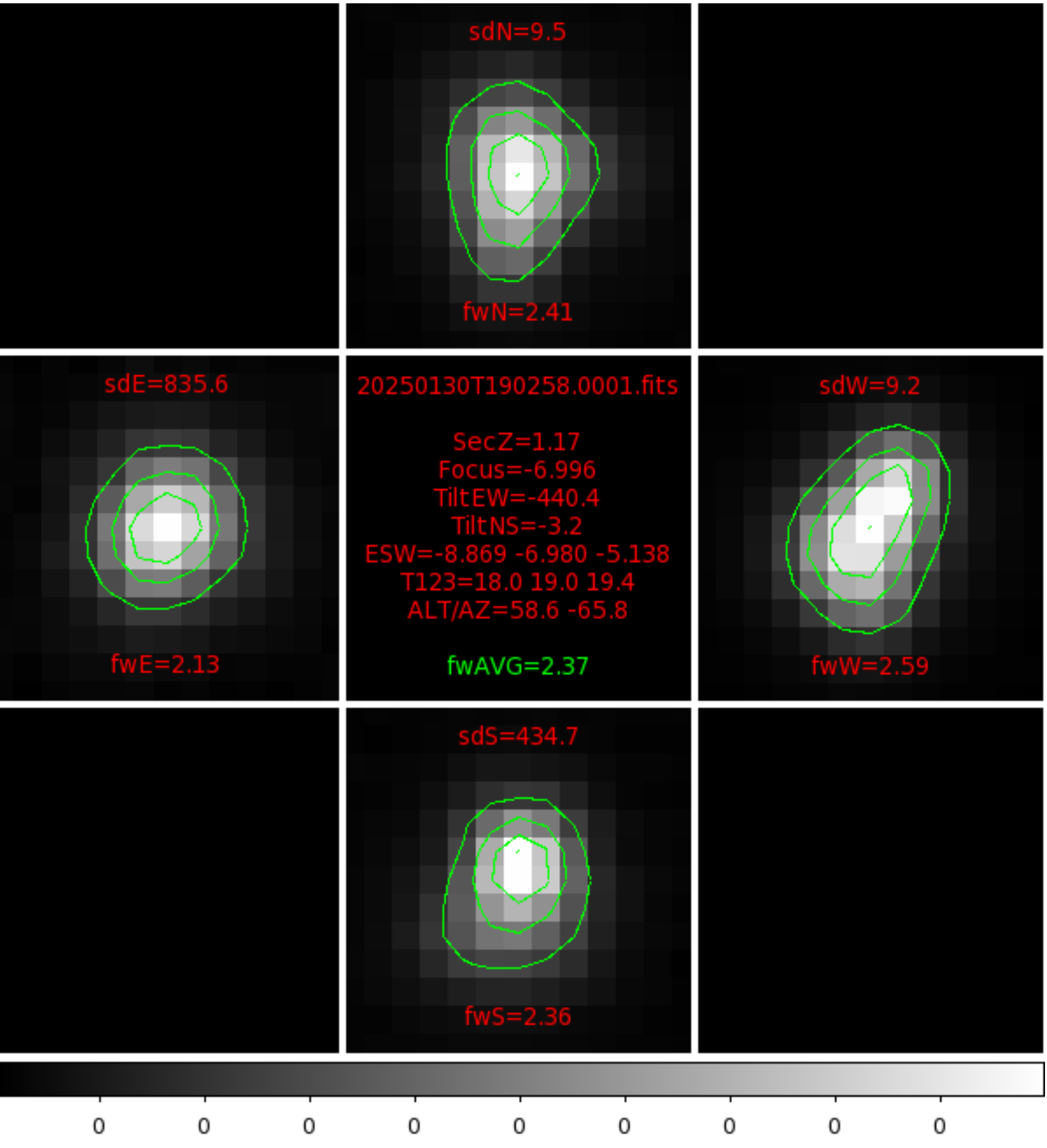
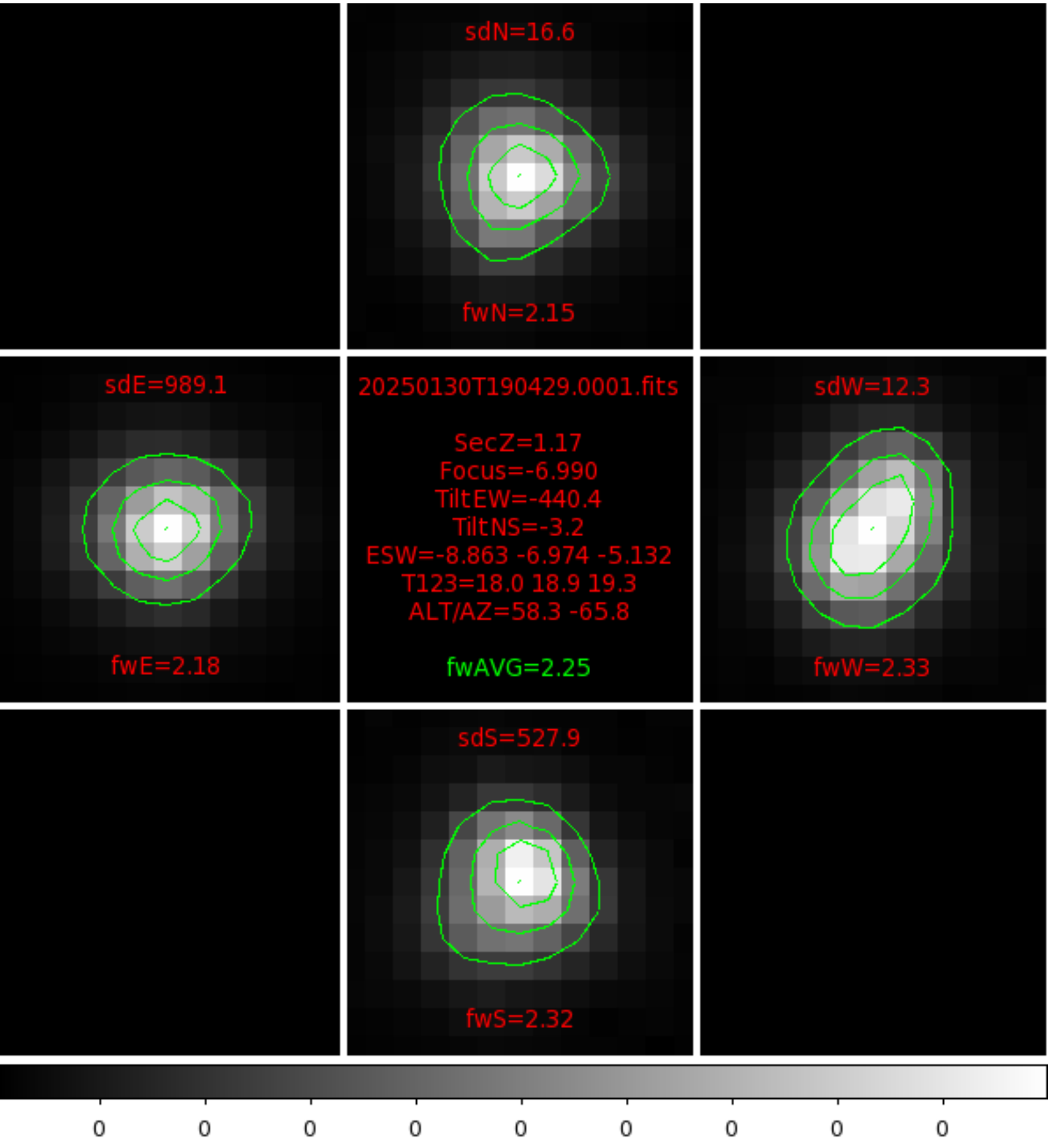
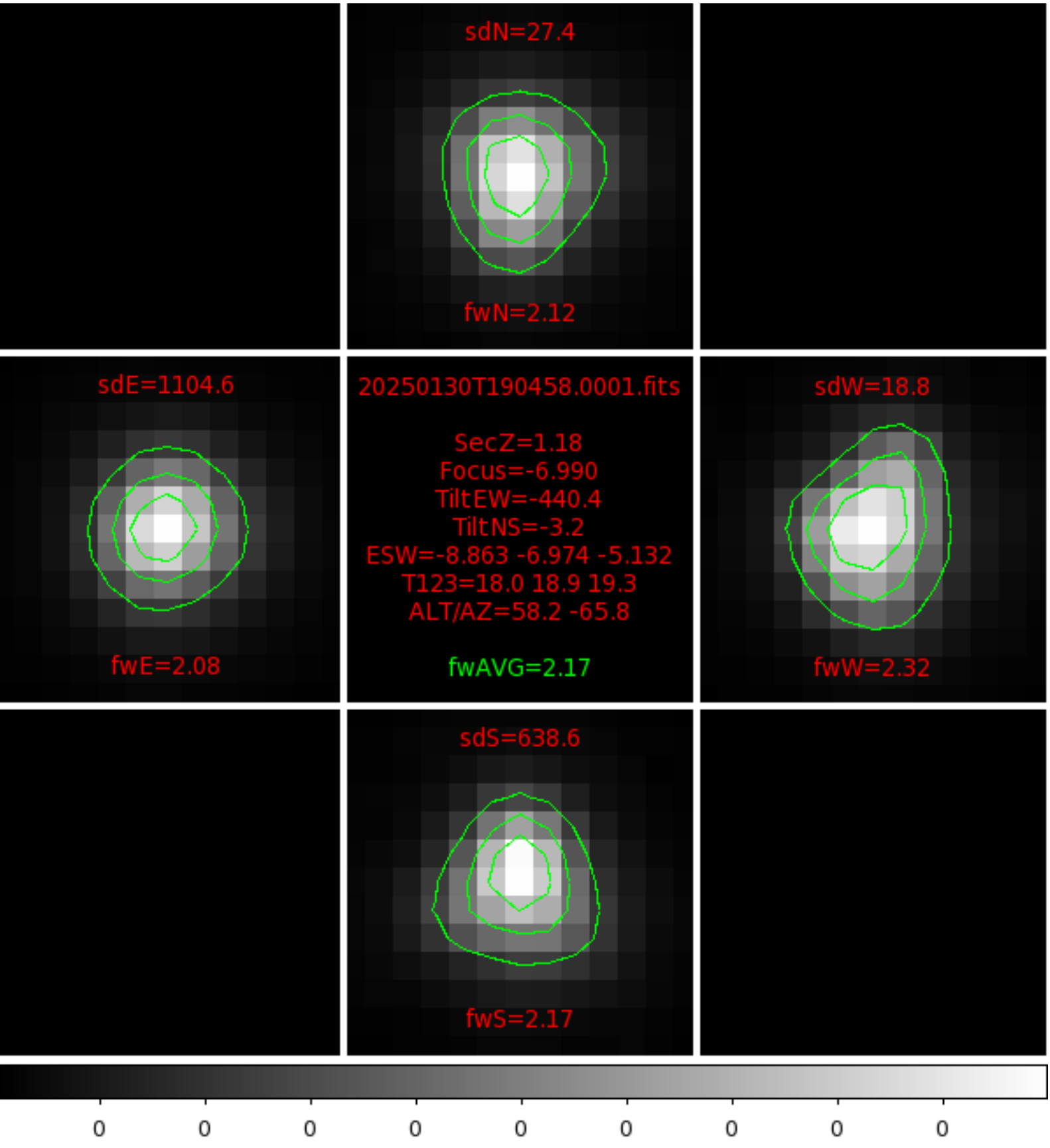
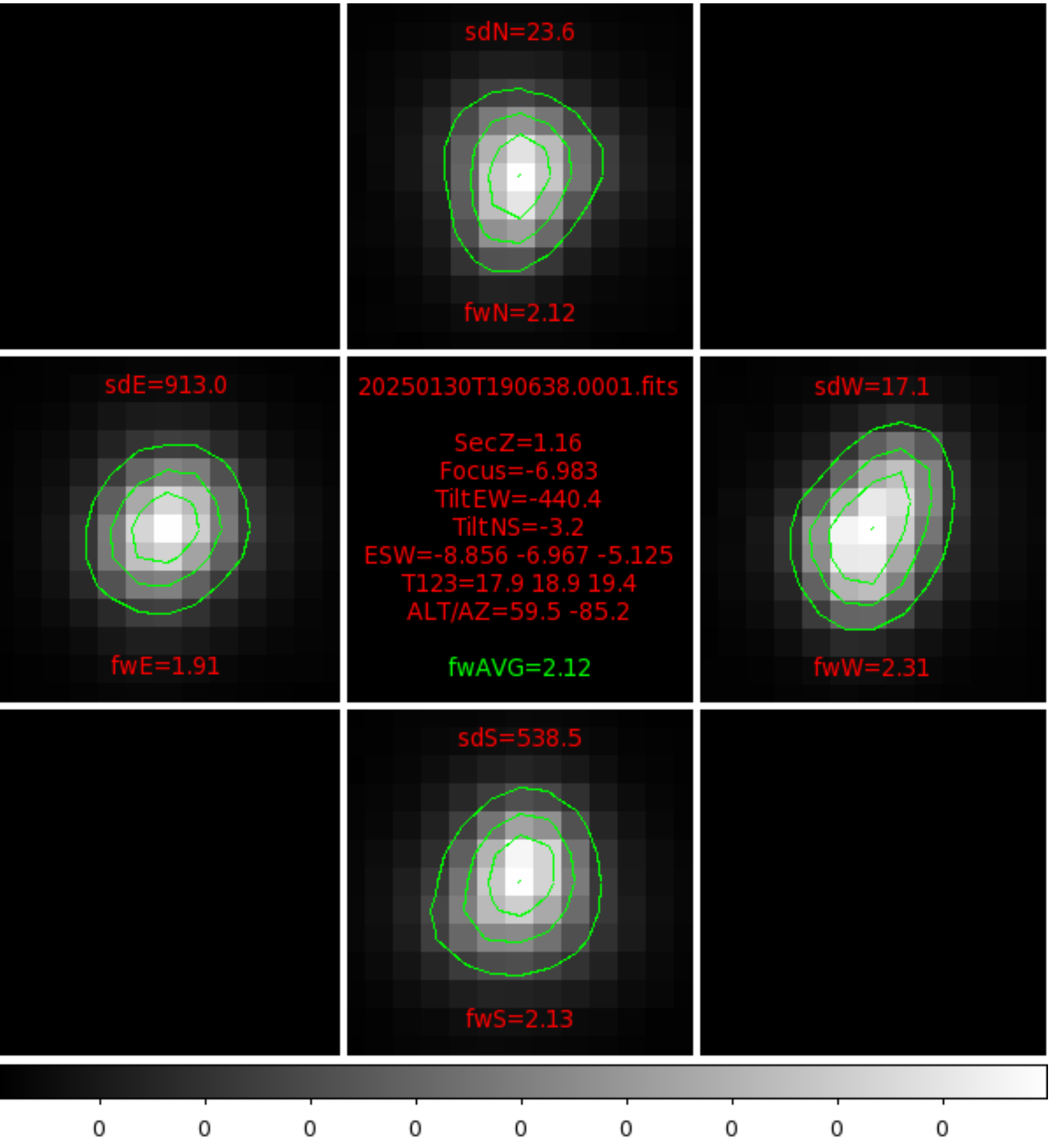
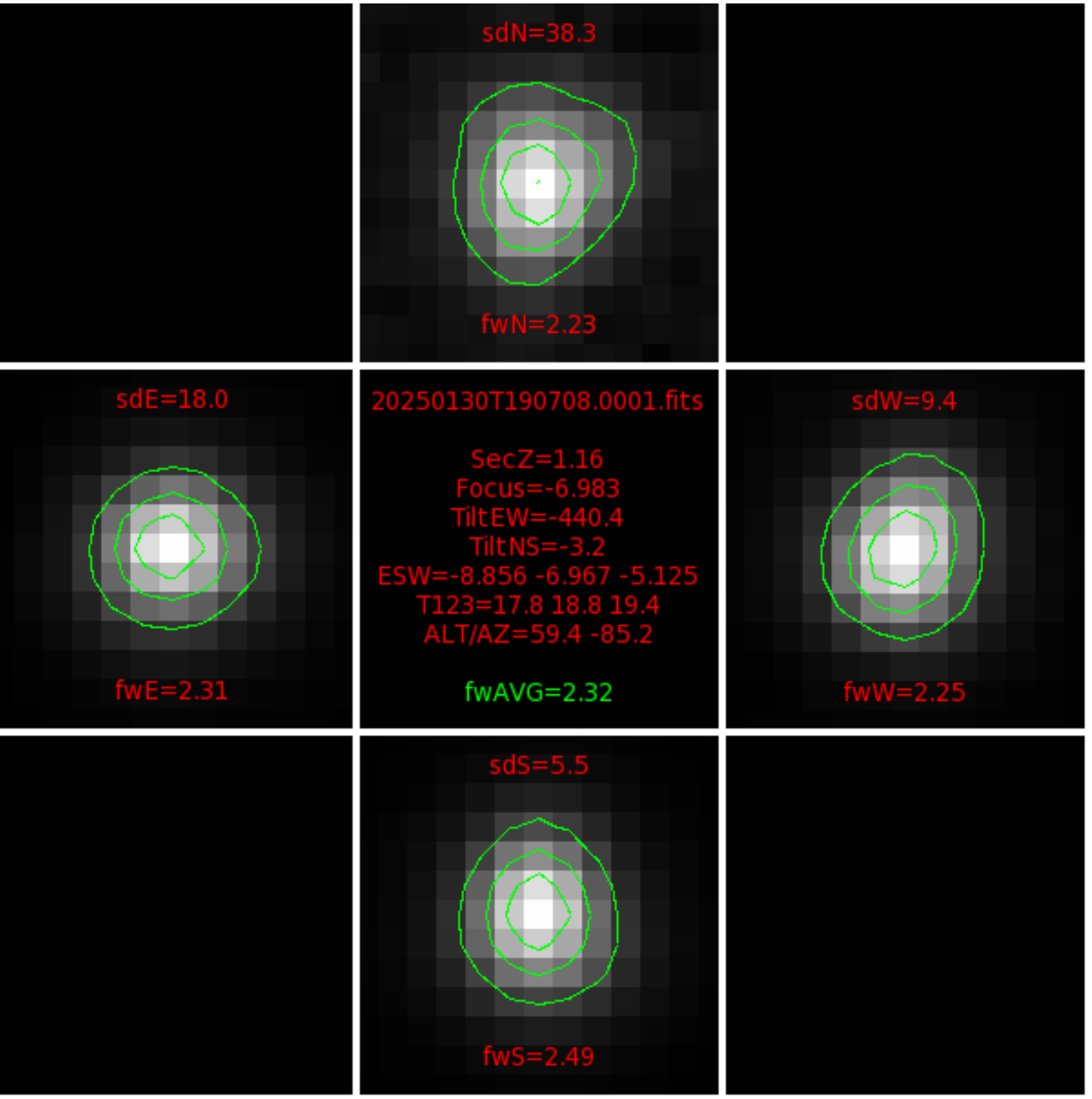

sdN=8.2
fwN=2.46
sdE=759.0
fwE=2.35
20250130T190228.0001.fits
SecZ=1.17
Focus=-6.996
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.869 -6.980 -5.138
T123=18.1 19.0 19.4
ALT/AZ=58.7 -65.8
fwAVG=2.36
sdW=8.1
fwW=2.35
sdS=320.4
fwS=2.28
0 0 0 0 0 0 0 0 0

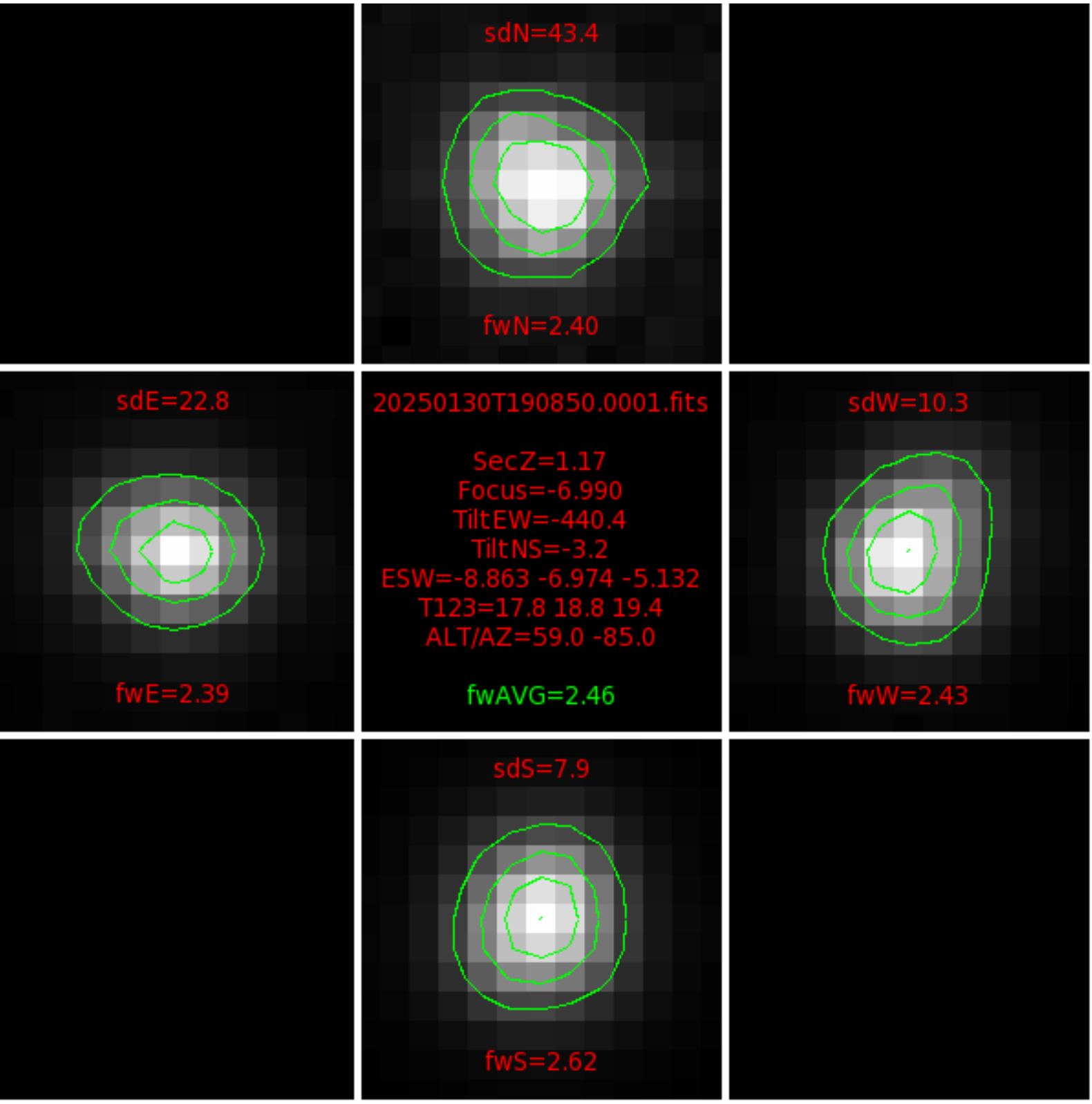

sdN=9.5
fwN=2.41
sdE=835.6
fwE=2.13
20250130T190258.0001.fits
SecZ=1.17
Focus=-6.996
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.869 -6.980 -5.138
T123=18.0 19.0 19.4
ALT/AZ=58.6 -65.8
fwAVG=2.37
sdW=9.2
fwW=2.59
sdS=434.7
fwS=2.36
0 0 0 0 0 0 0 0 0


sdN=16.6
fwN=2.15
sdE=989.1
fwE=2.18
20250130T190429.0001.fits
SecZ=1.17
Focus=-6.990
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.863 -6.974 -5.132
T123=18.0 18.9 19.3
ALT/AZ=58.3 -65.8
fwAVG=2.25
sdW=12.3
fwW=2.33
sdS=527.9
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=27.4
fwN=2.12
sdE=1104.6
fwE=2.08
20250130T190458.0001.fits
SecZ=1.18
Focus=-6.990
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.863 -6.974 -5.132
T123=18.0 18.9 19.3
ALT/AZ=58.2 -65.8
fwAVG=2.17
sdW=18.8
fwW=2.32
sdS=638.6
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=23.6
fwN=2.12
sdE=913.0
fwE=1.91
20250130T190638.0001.fits
SecZ=1.16
Focus=-6.983
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.856 -6.967 -5.125
T123=17.9 18.9 19.4
ALT/AZ=59.5 -85.2
fwAVG=2.12
sdW=17.1
fwW=2.31
sdS=538.5
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=38.3
fwN=2.23
sdE=18.0
fwE=2.31
20250130T190708.0001.fits
SecZ=1.16
Focus=-6.983
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.856 -6.967 -5.125
T123=17.8 18.8 19.4
ALT/AZ=59.4 -85.2
fwAVG=2.32
sdW=9.4
fwW=2.25
sdS=5.5
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=43.4
fwN=2.40
sdE=22.8
fwE=2.39
20250130T190850.0001.fits
SecZ=1.17
Focus=-6.990
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.863 -6.974 -5.132
T123=17.8 18.8 19.4
ALT/AZ=59.0 -85.0
fwAVG=2.46
sdW=10.3
fwW=2.43
sdS=7.9
fwS=2.62
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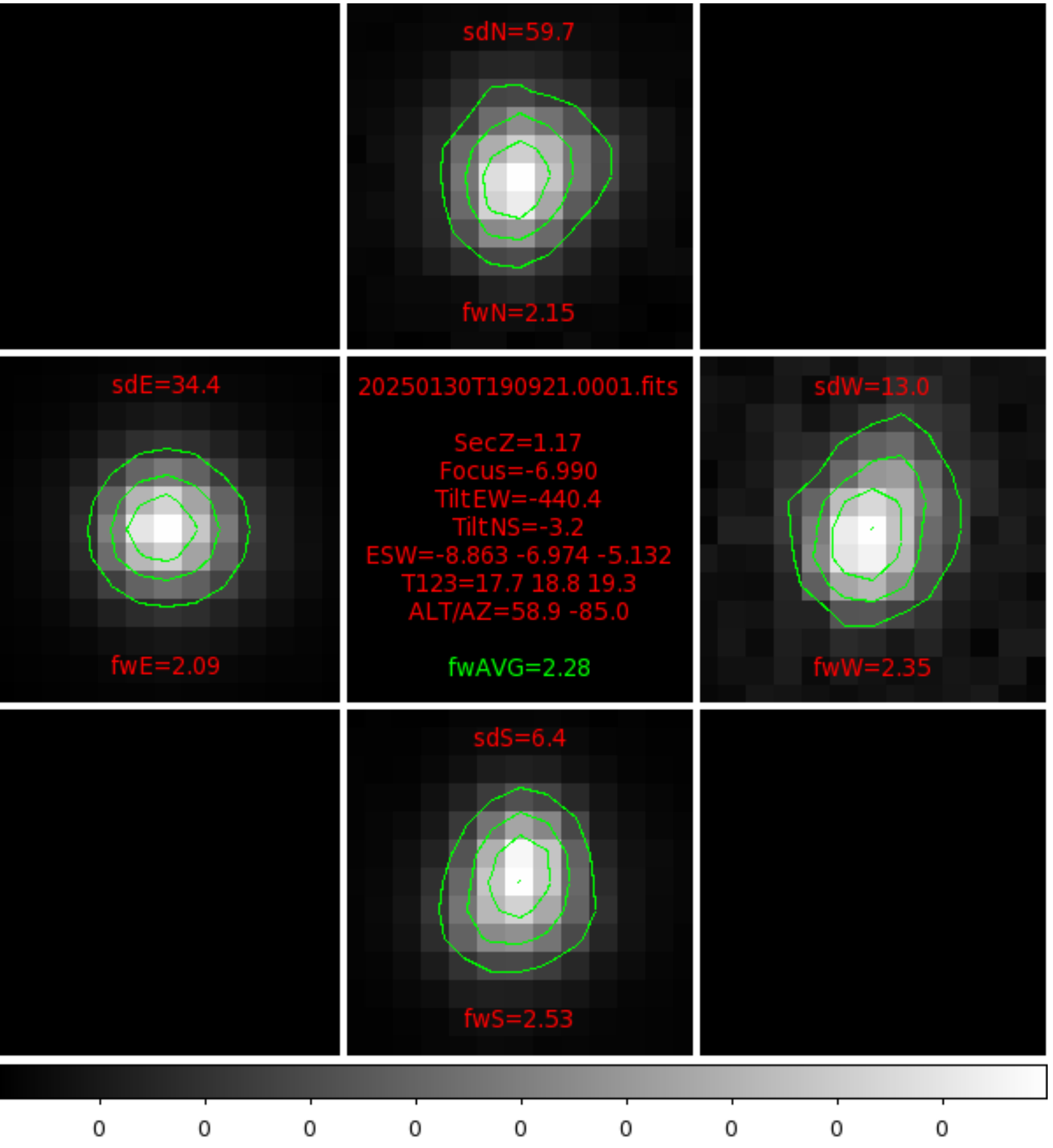
sdN=59.7
fwN=2.15
sdE=34.4
fwE=2.09
20250130T190921.0001.fits
SecZ=1.17
Focus=-6.990
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.863 -6.974 -5.132
T123=17.7 18.8 19.3
ALT/AZ=58.9 -85.0
fwAVG=2.28
sdW=13.0
fwW=2.35
sdS=6.4
fwS=2.53
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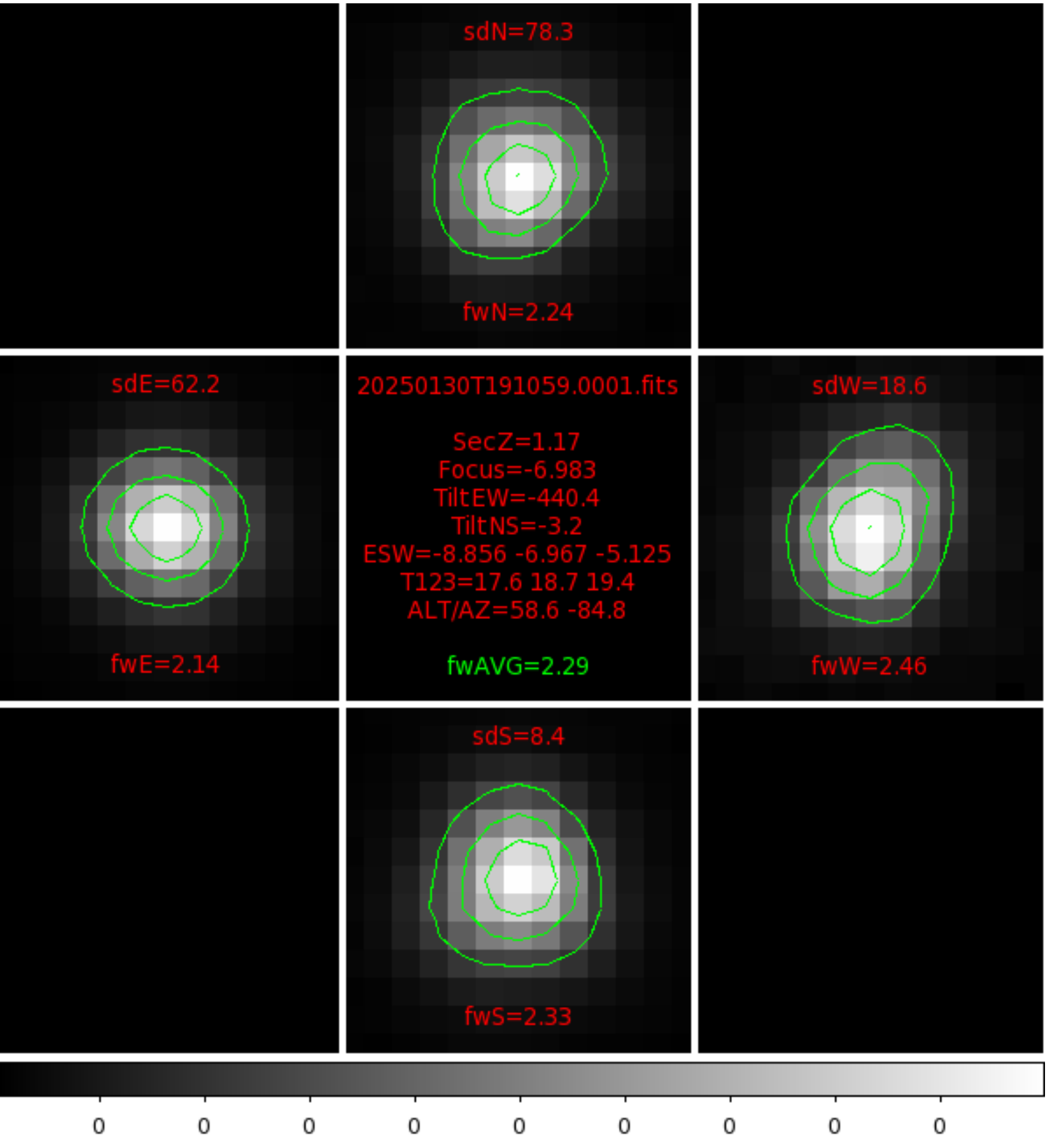
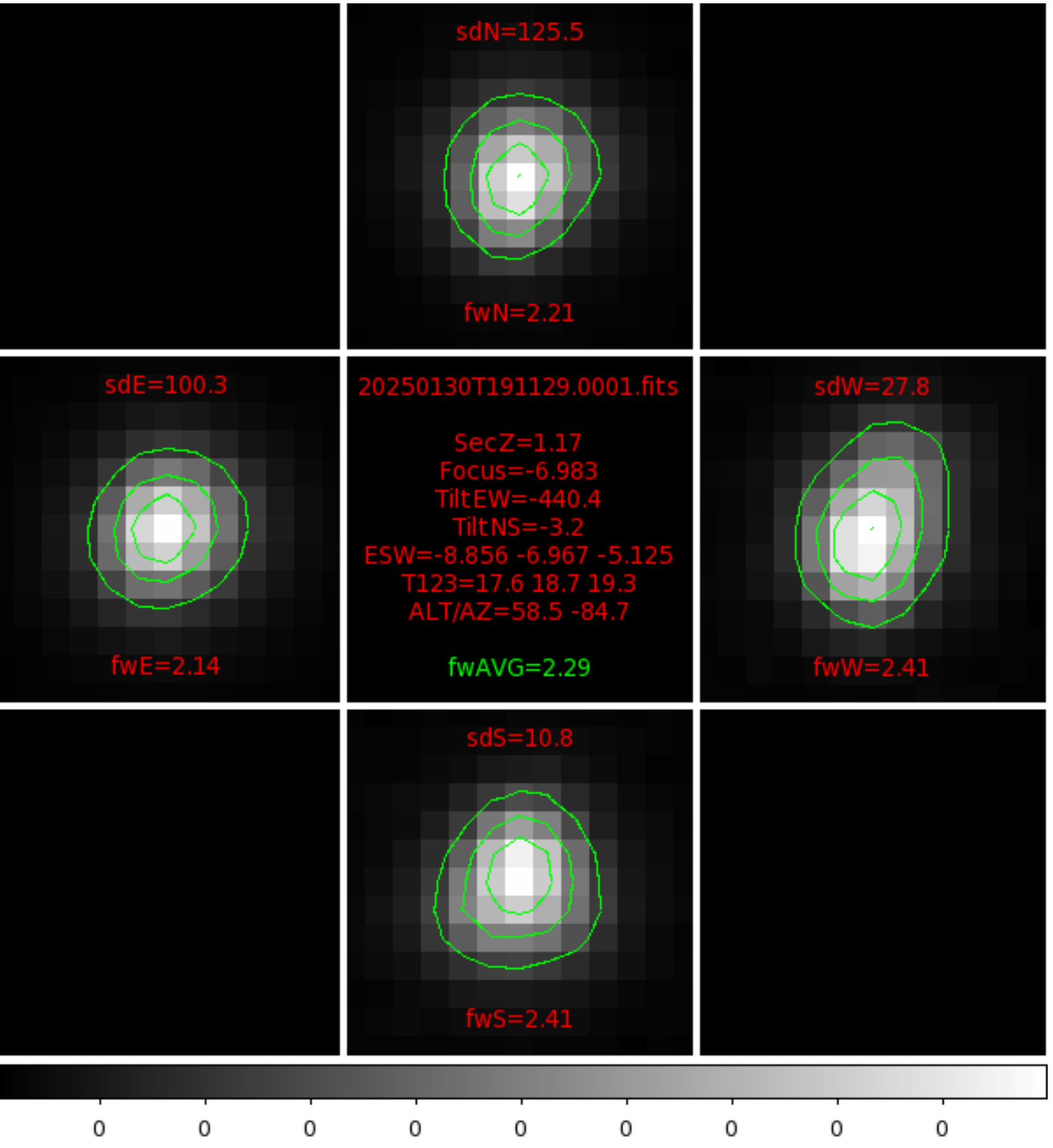

sdN=78.3
fwN=2.24
sdE=62.2
fwE=2.14
20250130T191059.0001.fits
SecZ=1.17
Focus=-6.983
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.856 -6.967 -5.125
T123=17.6 18.7 19.4
ALT/AZ=58.6 -84.8
fwAVG=2.29
sdW=18.6
fwW=2.46
sdS=8.4
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=125.5
fwN=2.21
sdE=100.3
fwE=2.14
20250130T191129.0001.fits
SecZ=1.17
Focus=-6.983
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.856 -6.967 -5.125
T123=17.6 18.7 19.3
ALT/AZ=58.5 -84.7
fwAVG=2.29
sdW=27.8
fwW=2.41
sdS=10.8
fwS=2.41
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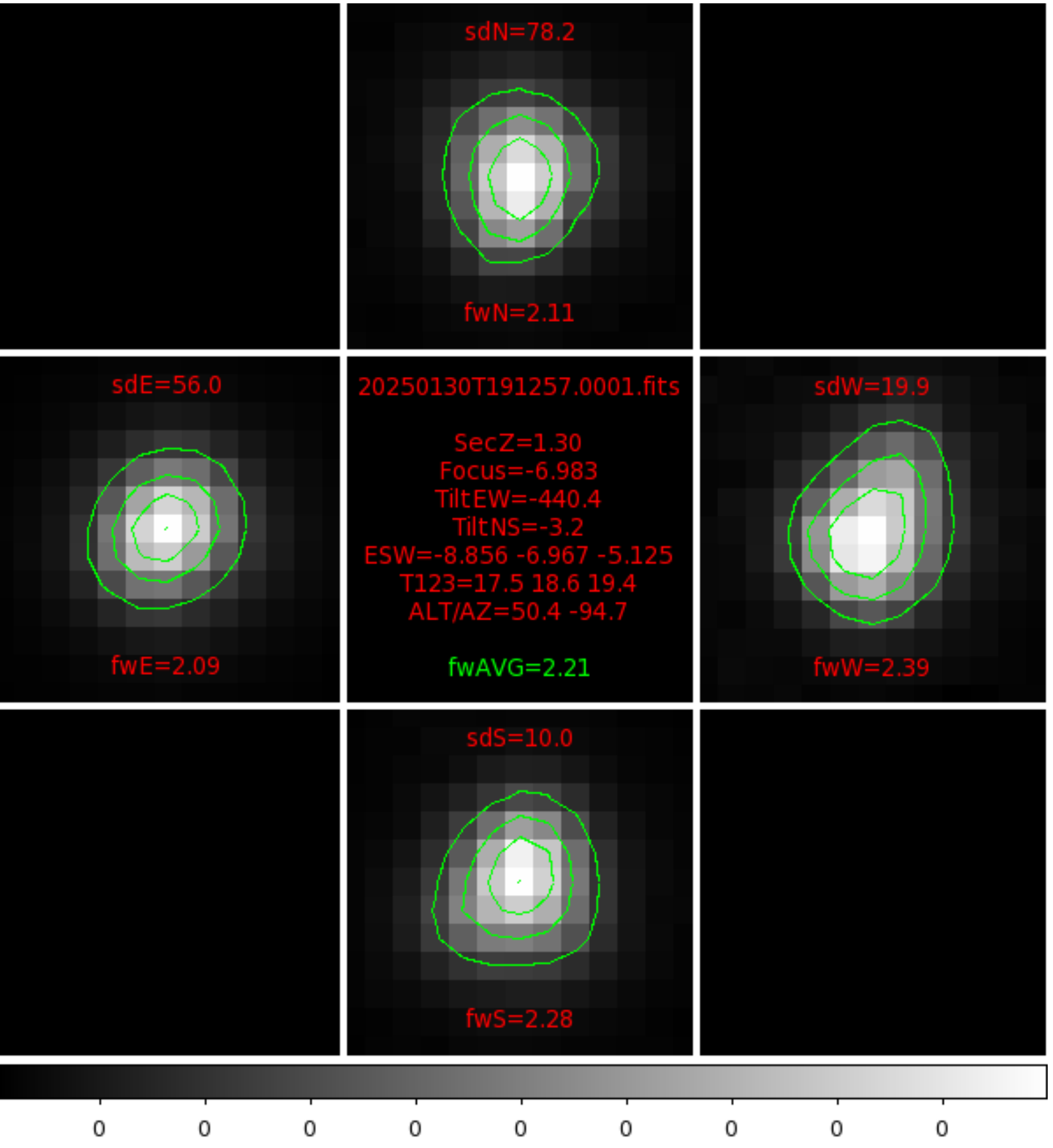
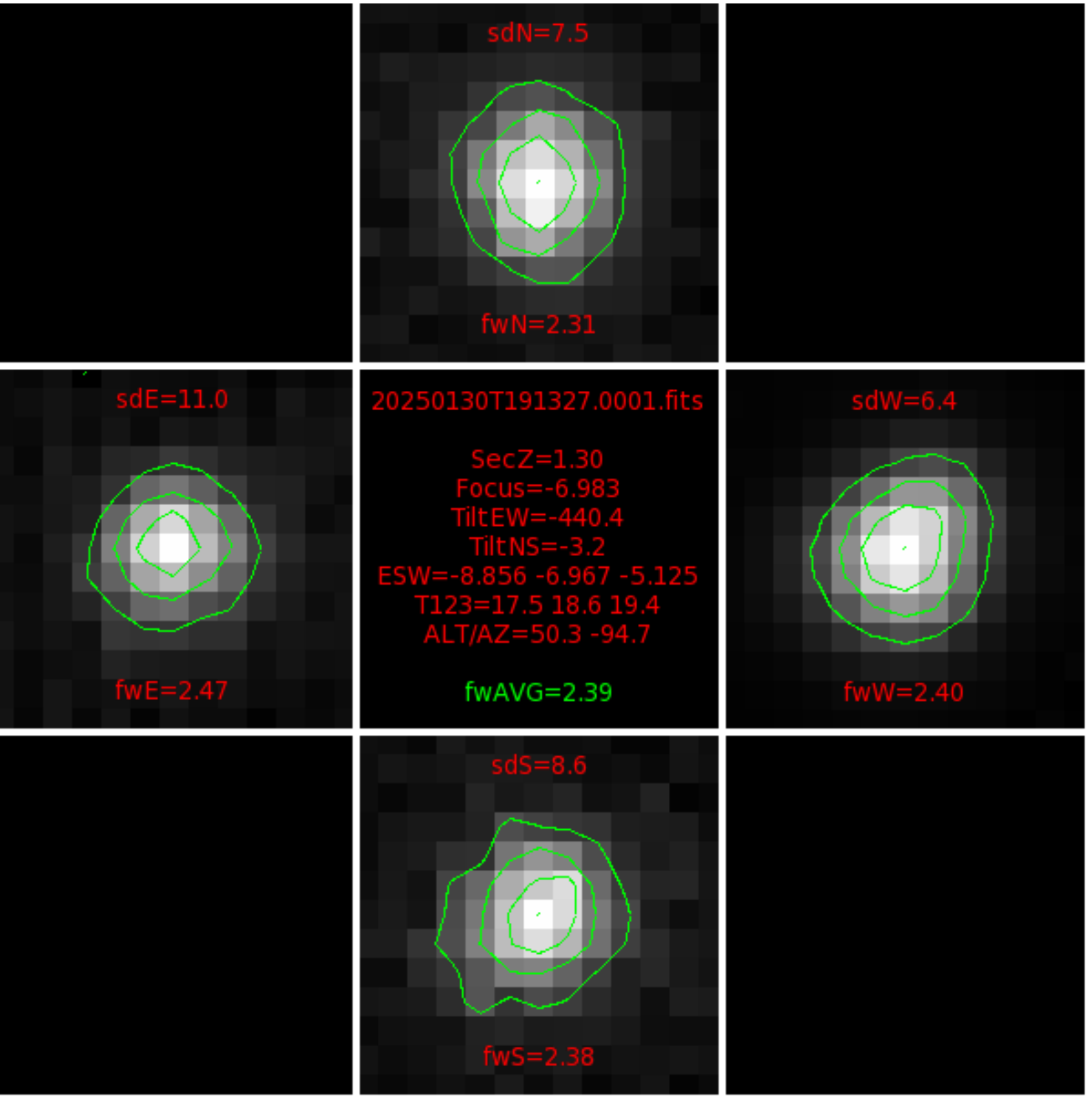

sdN=78.2
fwN=2.11
sdE=56.0
fwE=2.09
20250130T191257.0001.fits
SecZ=1.30
Focus=-6.983
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.856 -6.967 -5.125
T123=17.5 18.6 19.4
ALT/AZ=50.4 -94.7
fwAVG=2.21
sdW=19.9
fwW=2.39
sdS=10.0
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=7.5
fwN=2.31
sdE=11.0
fwE=2.47
20250130T191327.0001.fits
SecZ=1.30
Focus=-6.983
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.856 -6.967 -5.125
T123=17.5 18.6 19.4
ALT/AZ=50.3 -94.7
fwAVG=2.39
sdW=6.4
fwW=2.40
sdS=8.6
fwS=2.38
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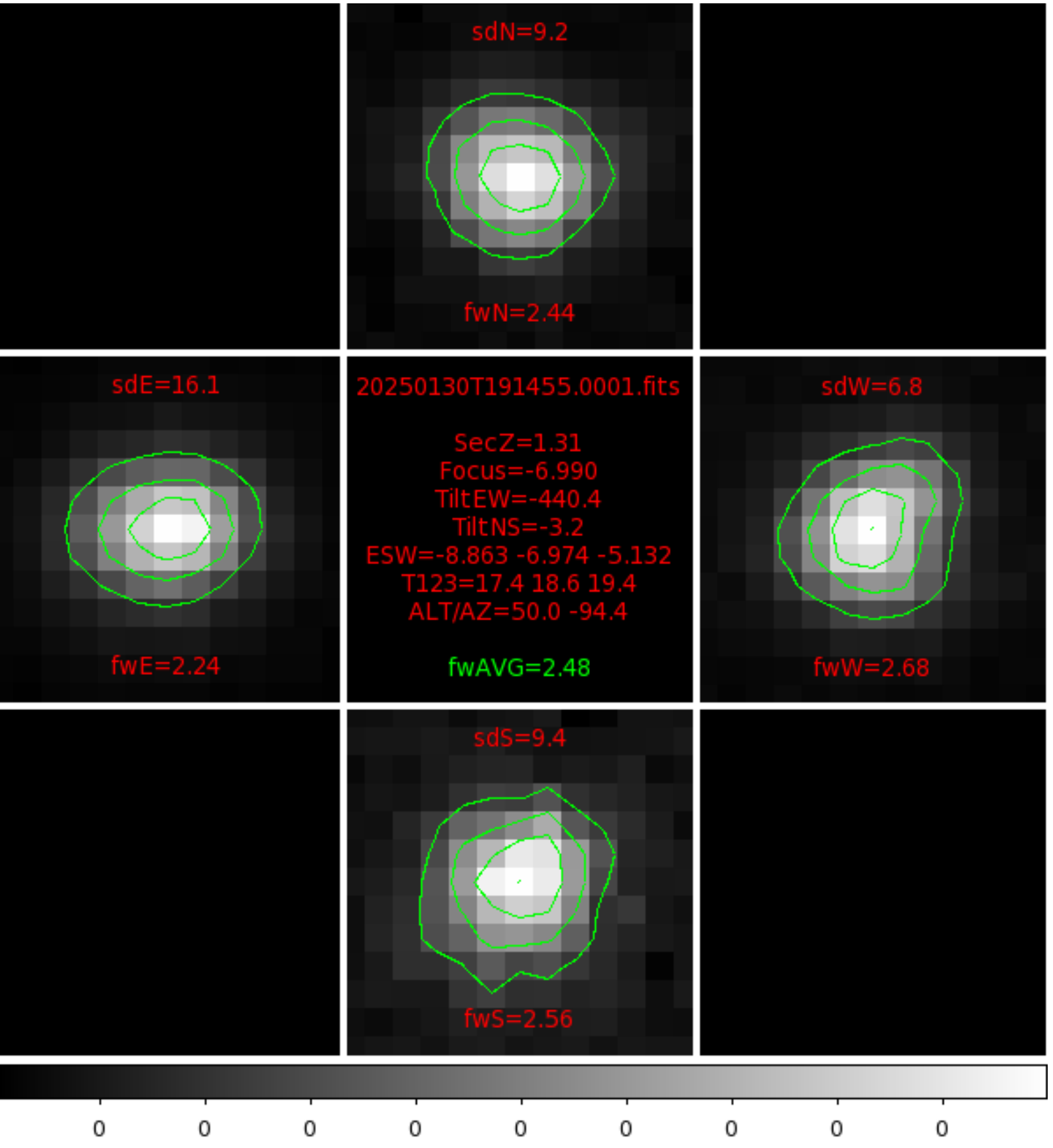
sdN=9.2
fwN=2.44
sdE=16.1
fwE=2.24
20250130T191455.0001.fits
SecZ=1.31
Focus=-6.990
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.863 -6.974 -5.132
T123=17.4 18.6 19.4
ALT/AZ=50.0 -94.4
fwAVG=2.48
sdW=6.8
fwW=2.68
sdS=9.4
fwS=2.56
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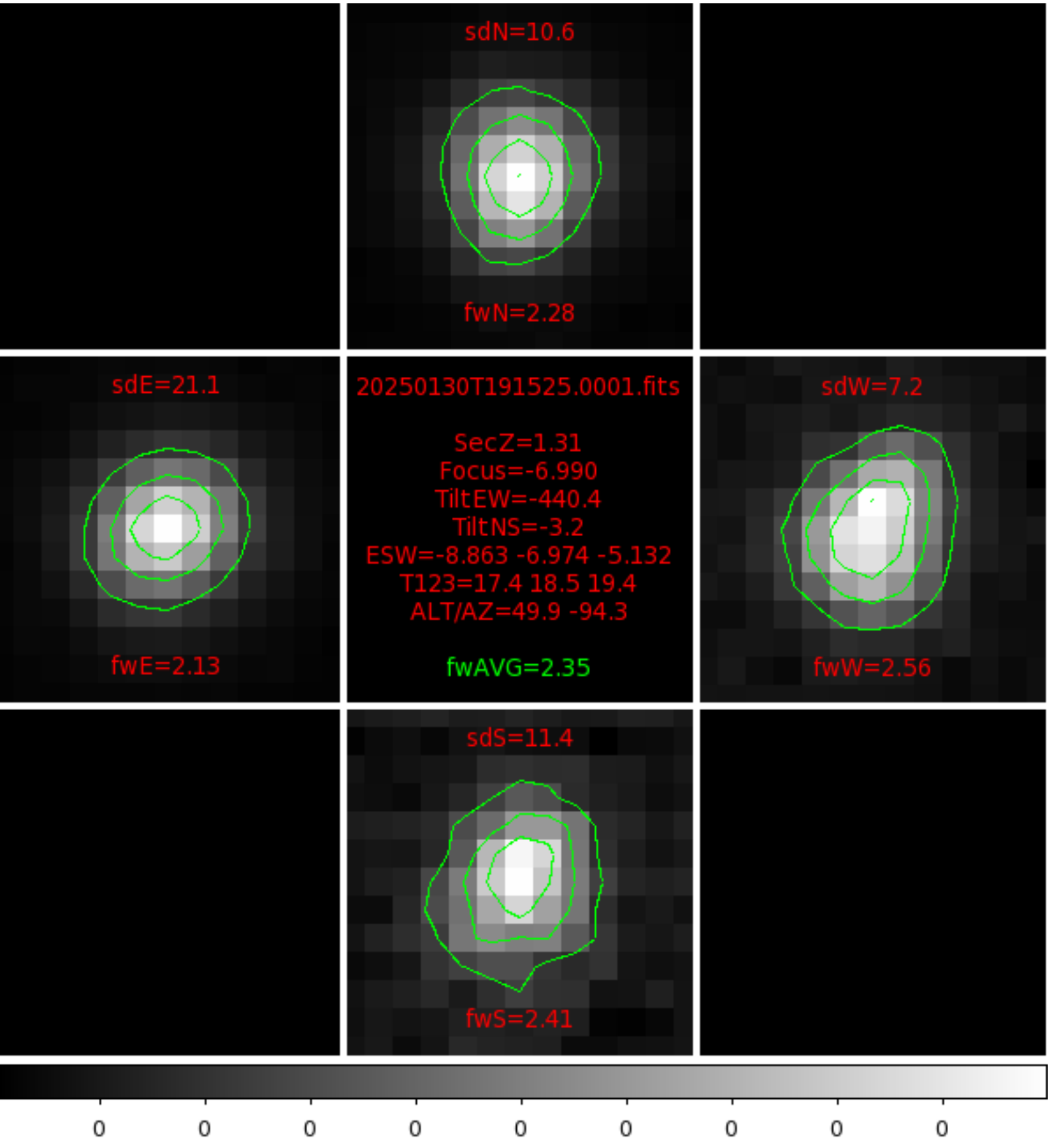
sdN=10.6
fwN=2.28
sdE=21.1
fwE=2.13
20250130T191525.0001.fits
SecZ=1.31
Focus=-6.990
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.863 -6.974 -5.132
T123=17.4 18.5 19.4
ALT/AZ=49.9 -94.3
fwAVG=2.35
sdW=7.2
fwW=2.56
sdS=11.4
fwS=2.41
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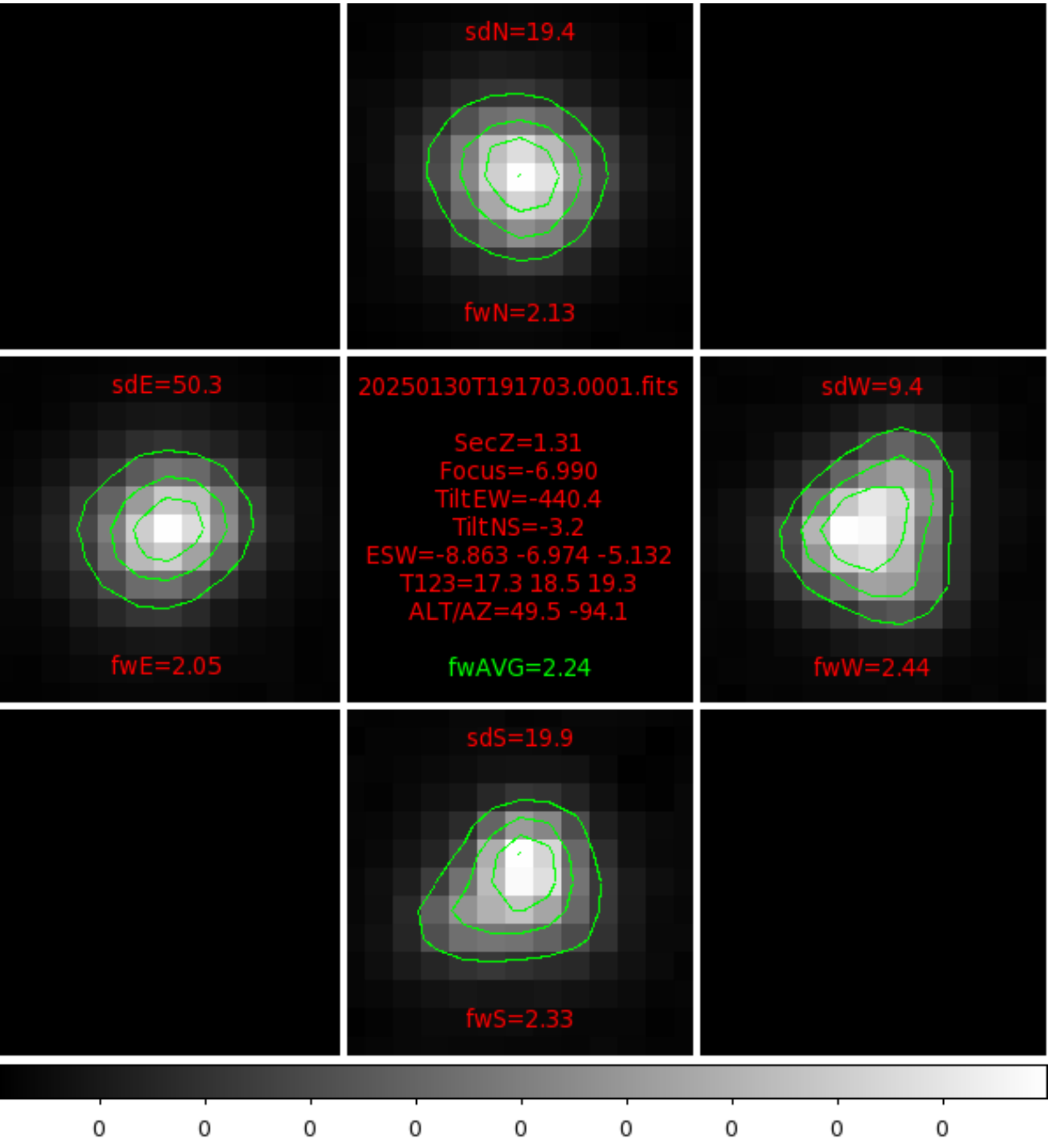
sdN=19.4
fwN=2.13
sdE=50.3
fwE=2.05
20250130T191703.0001.fits
SecZ=1.31
Focus=-6.990
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.863 -6.974 -5.132
T123=17.3 18.5 19.3
ALT/AZ=49.5 -94.1
fwAVG=2.24
sdW=9.4
fwW=2.44
sdS=19.9
fwS=2.33
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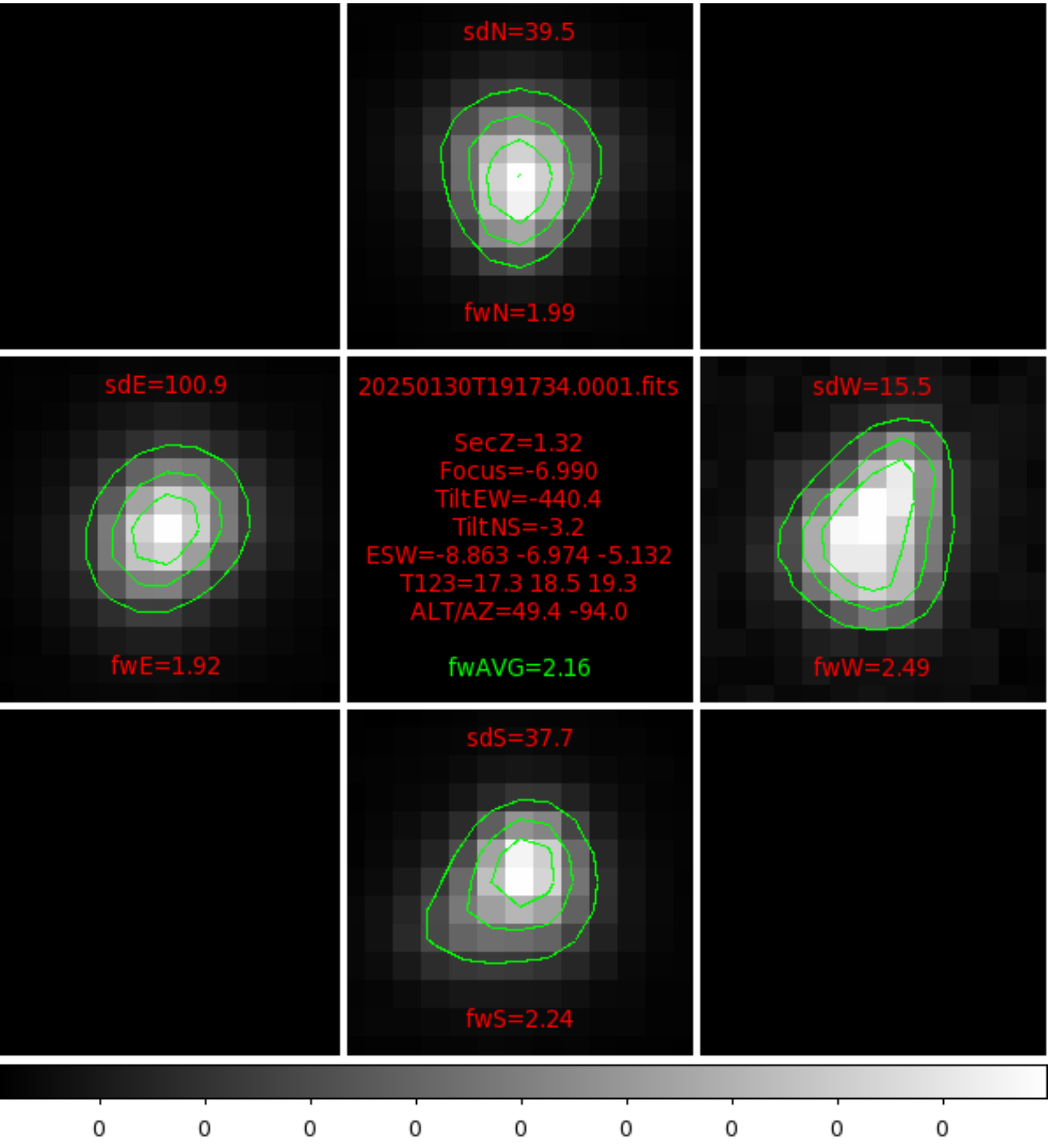
sdN=39.5
fwN=1.99
sdE=100.9
fwE=1.92
20250130T191734.0001.fits
SecZ=1.32
Focus=-6.990
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.863 -6.974 -5.132
T123=17.3 18.5 19.3
ALT/AZ=49.4 -94.0
fwAVG=2.16
sdW=15.5
fwW=2.49
sdS=37.7
fwS=2.24
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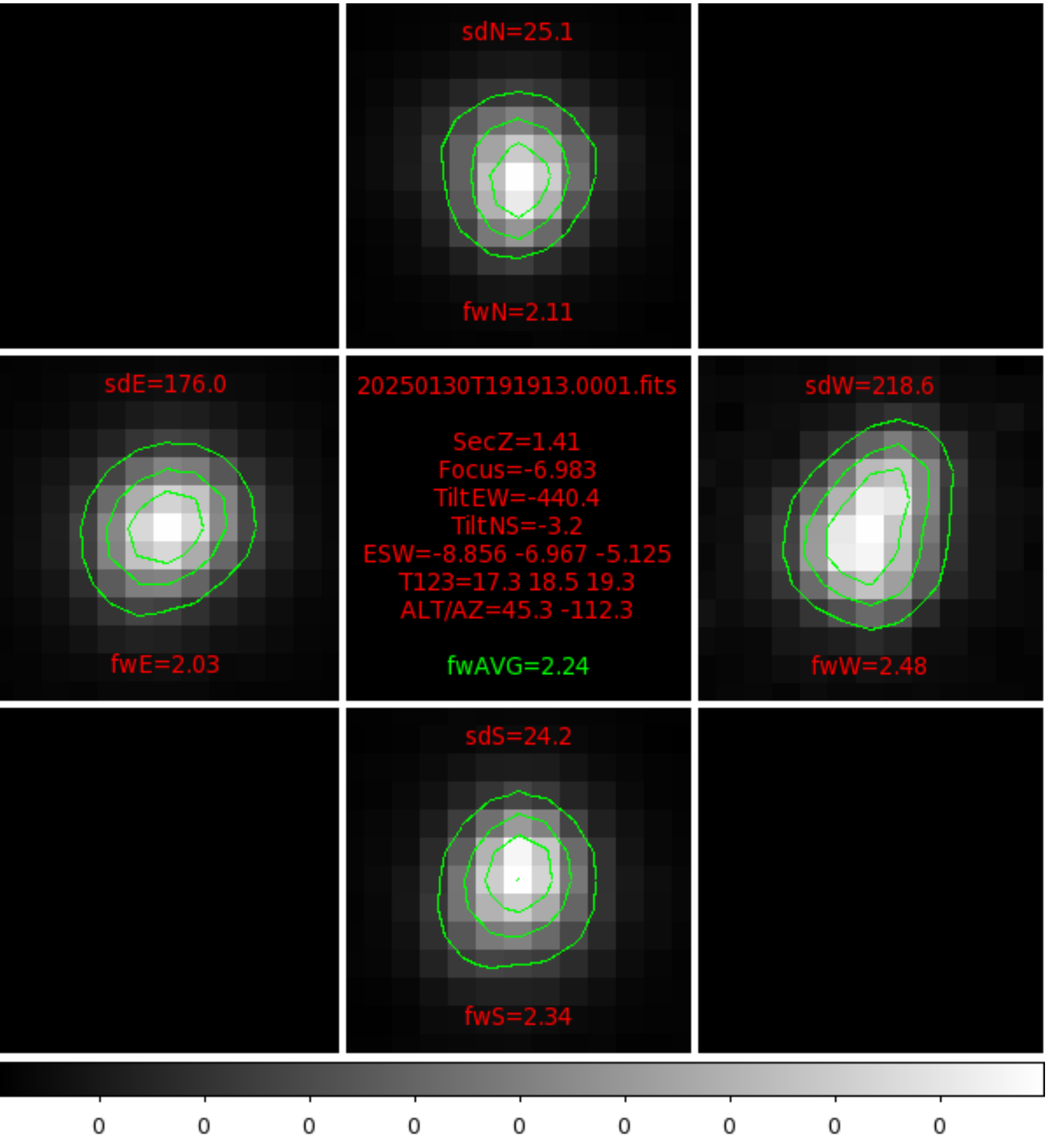
sdN=25.1
fwN=2.11
sdE=176.0
fwE=2.03
20250130T191913.0001.fits
SecZ=1.41
Focus=-6.983
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.856 -6.967 -5.125
T123=17.3 18.5 19.3
ALT/AZ=45.3 -112.3
fwAVG=2.24
sdW=218.6
fwW=2.48
sdS=24.2
fwS=2.34
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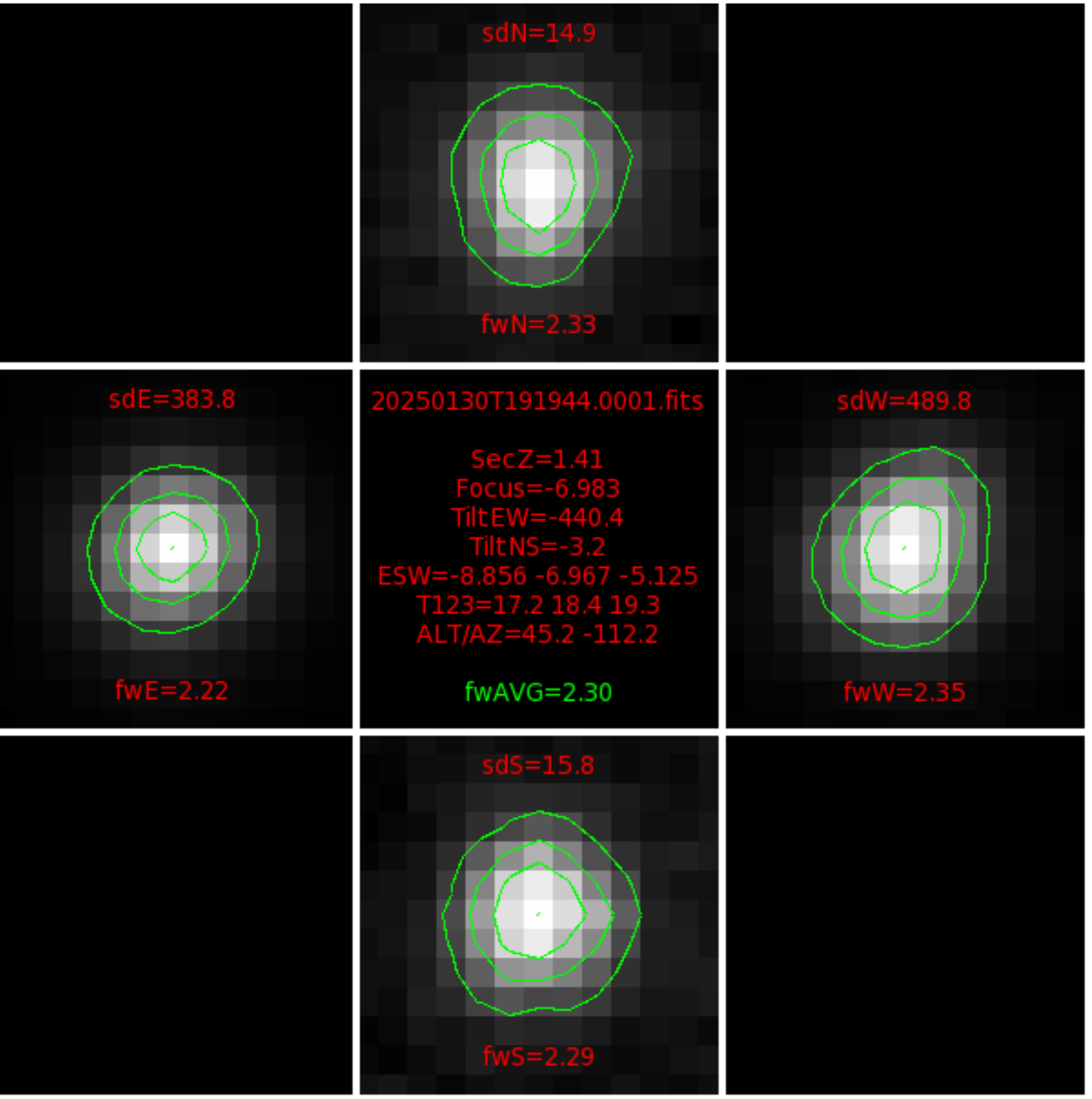
sdN=14.9
fwN=2.33
sdE=383.8
fwE=2.22
20250130T191944.0001.fits
SecZ=1.41
Focus=-6.983
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.856 -6.967 -5.125
T123=17.2 18.4 19.3
ALT/AZ=45.2 -112.2
fwAVG=2.30
sdW=489.8
fwW=2.35
sdS=15.8
fwS=2.29
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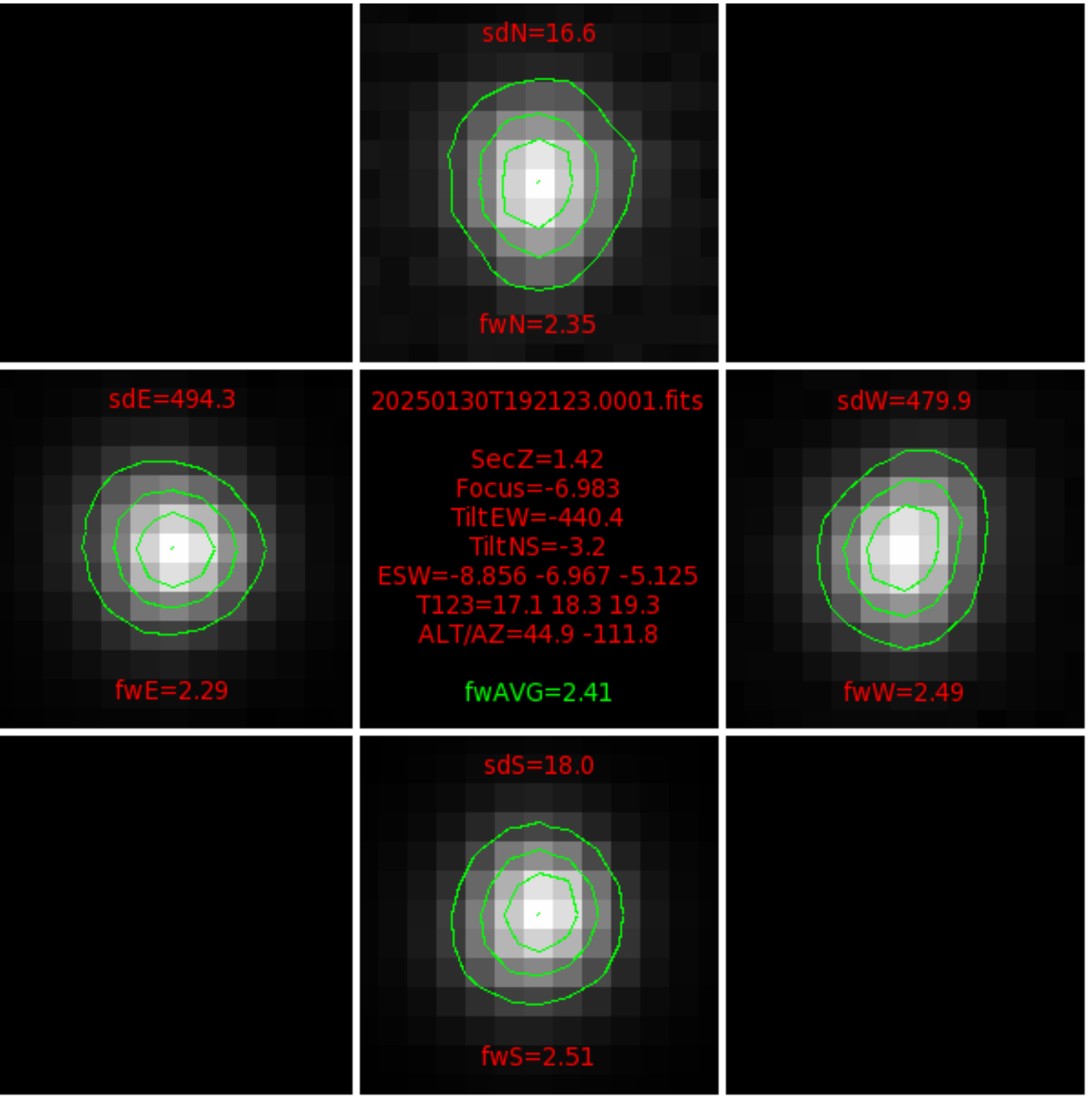
sdN=16.6
fwN=2.35
sdE=494.3
fwE=2.29
20250130T192123.0001.fits
SecZ=1.42
Focus=-6.983
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.856 -6.967 -5.125
T123=17.1 18.3 19.3
ALT/AZ=44.9 -111.8
fwAVG=2.41
sdW=479.9
fwW=2.49
sdS=18.0
fwS=2.51
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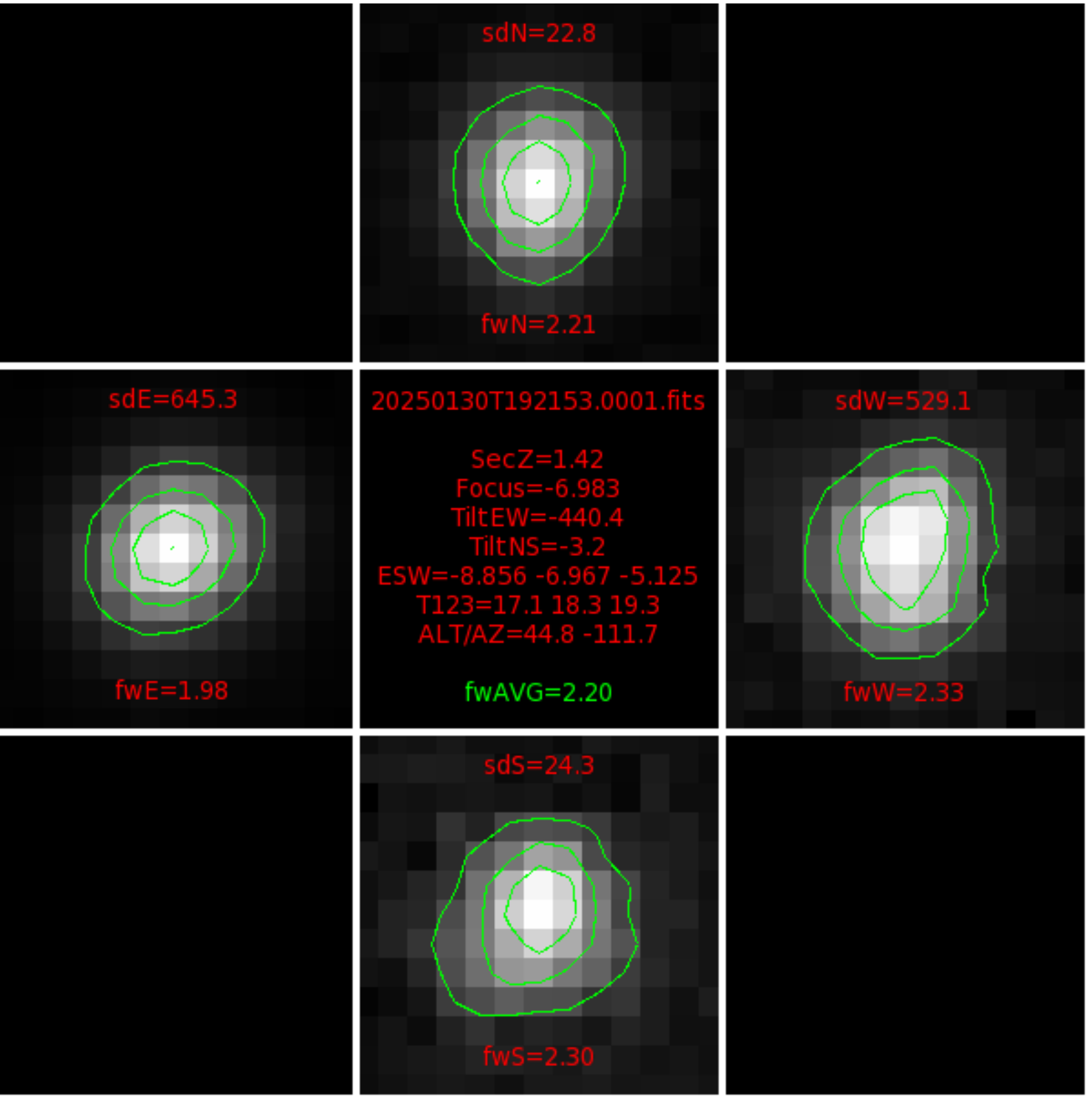
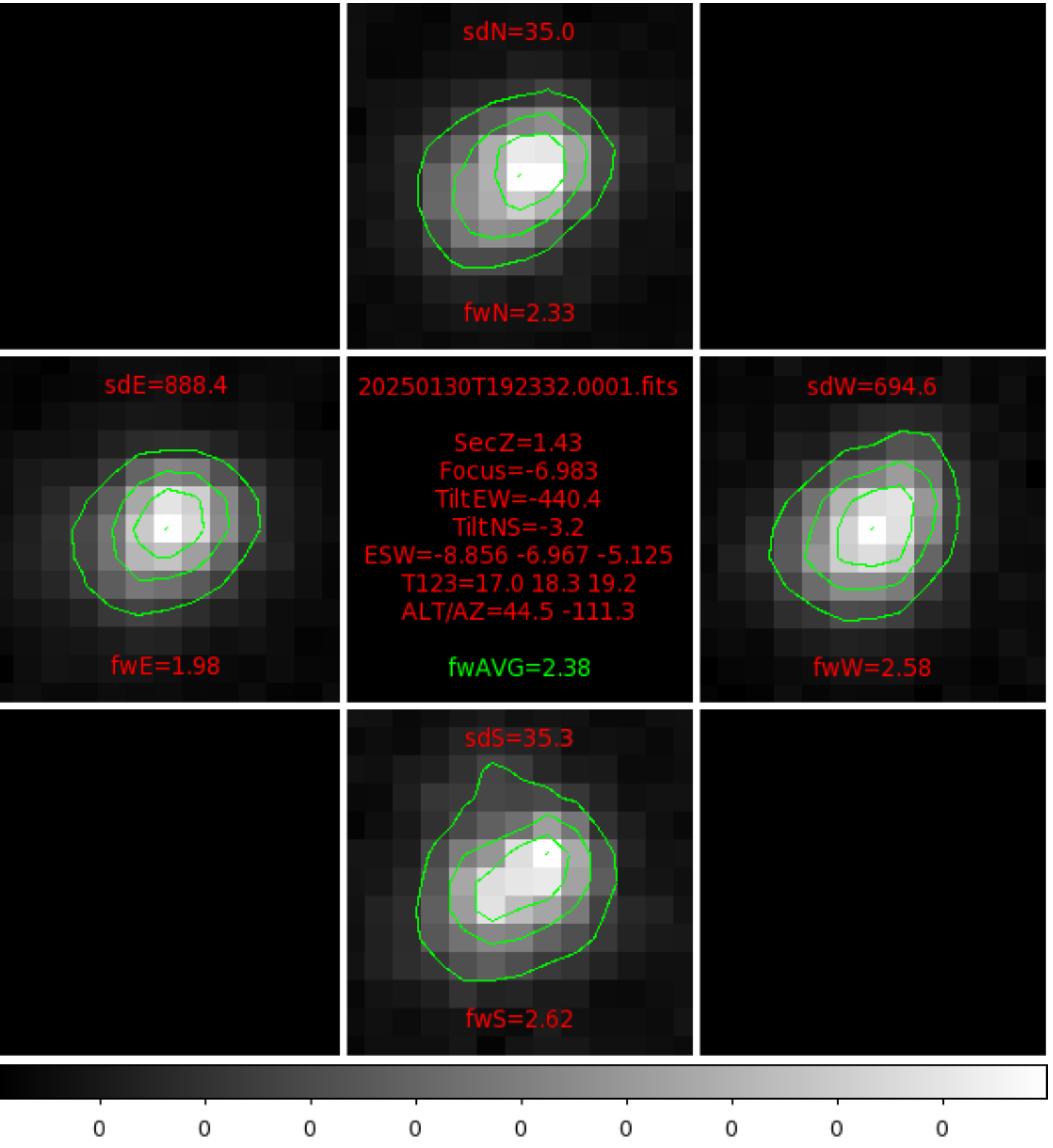

sdN=22.8
fwN=2.21
sdE=645.3
fwE=1.98
20250130T192153.0001.fits
SecZ=1.42
Focus=-6.983
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.856 -6.967 -5.125
T123=17.1 18.3 19.3
ALT/AZ=44.8 -111.7
fwAVG=2.20
sdW=529.1
fwW=2.33
sdS=24.3
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=35.0
fwN=2.33
sdE=888.4
fwE=1.98
20250130T192332.0001.fits
SecZ=1.43
Focus=-6.983
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.856 -6.967 -5.125
T123=17.0 18.3 19.2
ALT/AZ=44.5 -111.3
fwAVG=2.38
sdW=694.6
fwW=2.58
sdS=35.3
fwS=2.62
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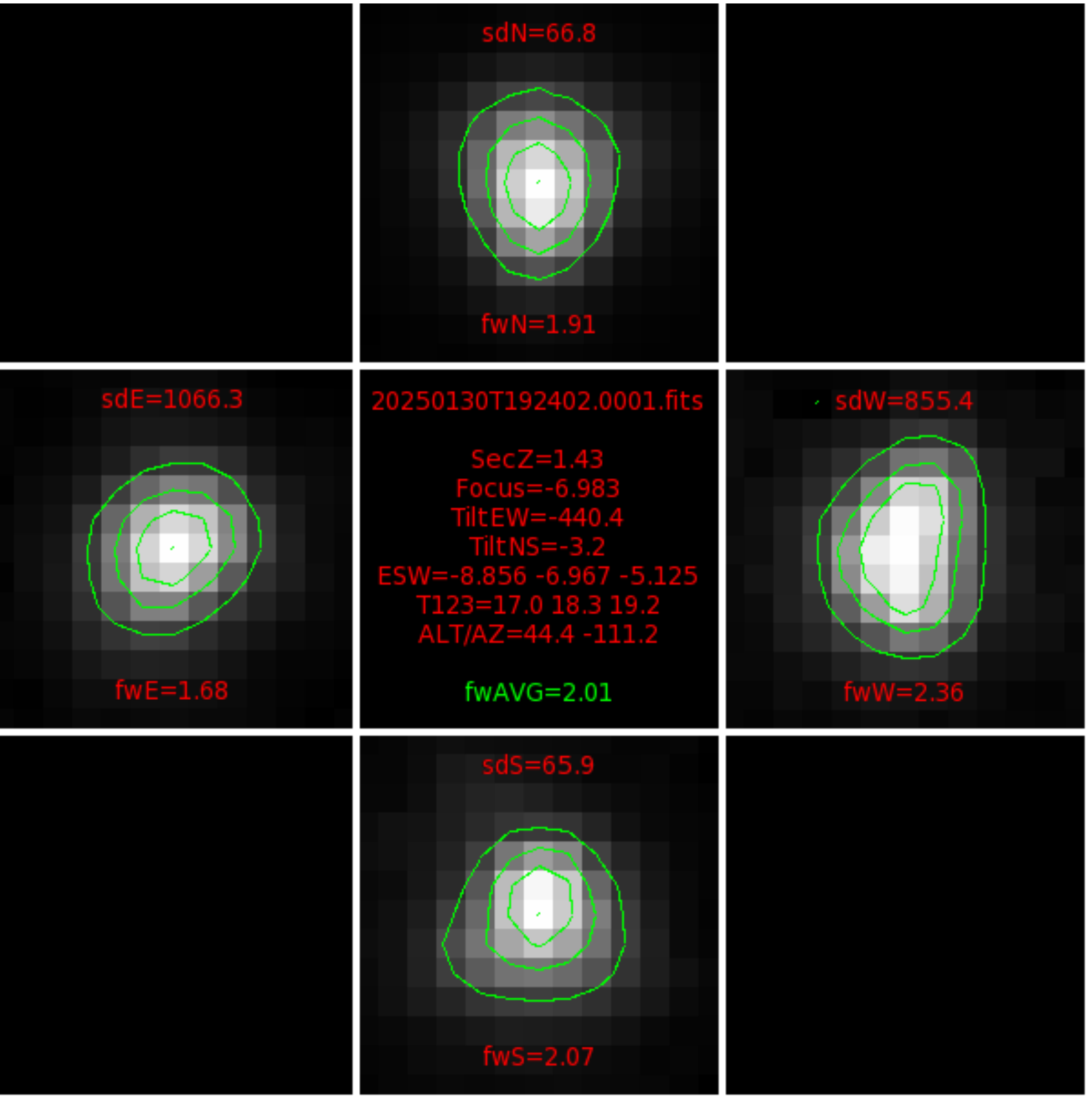
sdN=66.8
fwN=1.91
sdE=1066.3
fwE=1.68
20250130T192402.0001.fits
SecZ=1.43
Focus=-6.983
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.856 -6.967 -5.125
T123=17.0 18.3 19.2
ALT/AZ=44.4 -111.2
fwAVG=2.01
sdW=855.4
fwW=2.36
sdS=65.9
fwS=2.07
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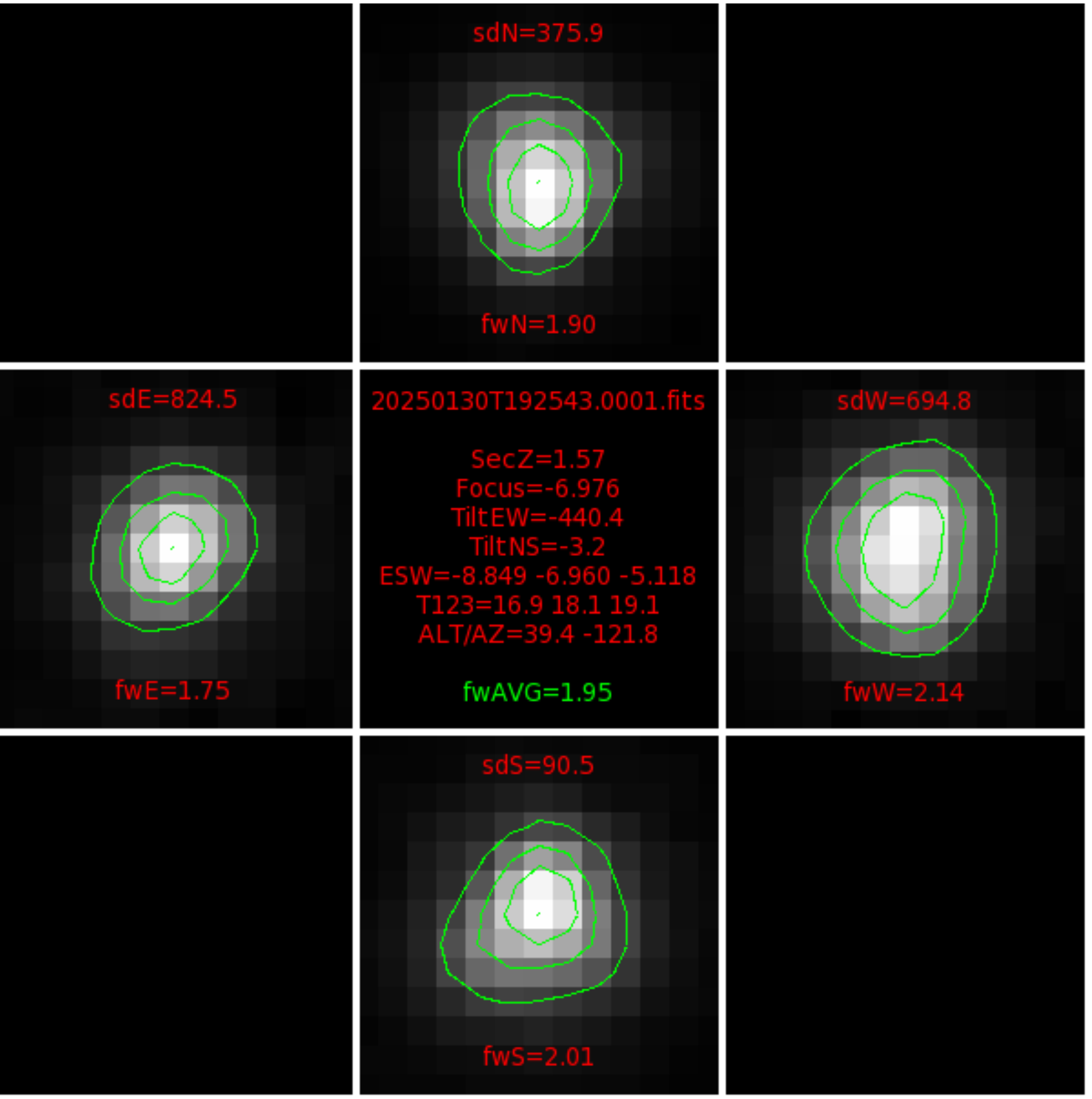
sdN=375.9
fwN=1.90
sdE=824.5
fwE=1.75
20250130T192543.0001.fits
SecZ=1.57
Focus=-6.976
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.849 -6.960 -5.118
T123=16.9 18.1 19.1
ALT/AZ=39.4 -121.8
fwAVG=1.95
sdW=694.8
fwW=2.14
sdS=90.5
fwS=2.01
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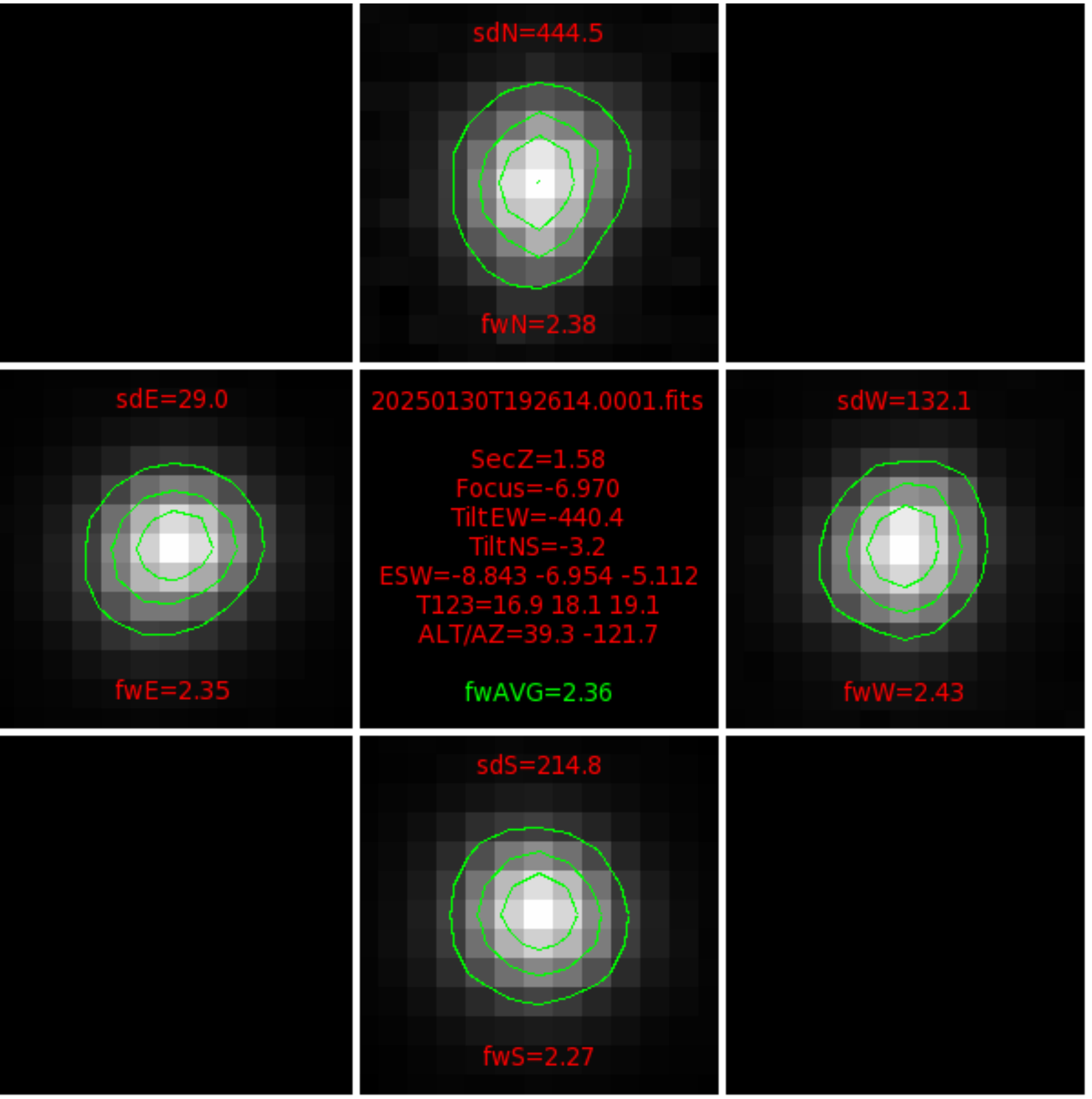
sdN=444.5
fwN=2.38
sdE=29.0
fwE=2.35
20250130T192614.0001.fits
SecZ=1.58
Focus=-6.970
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.843 -6.954 -5.112
T123=16.9 18.1 19.1
ALT/AZ=39.3 -121.7
fwAVG=2.36
sdW=132.1
fwW=2.43
sdS=214.8
fwS=2.27
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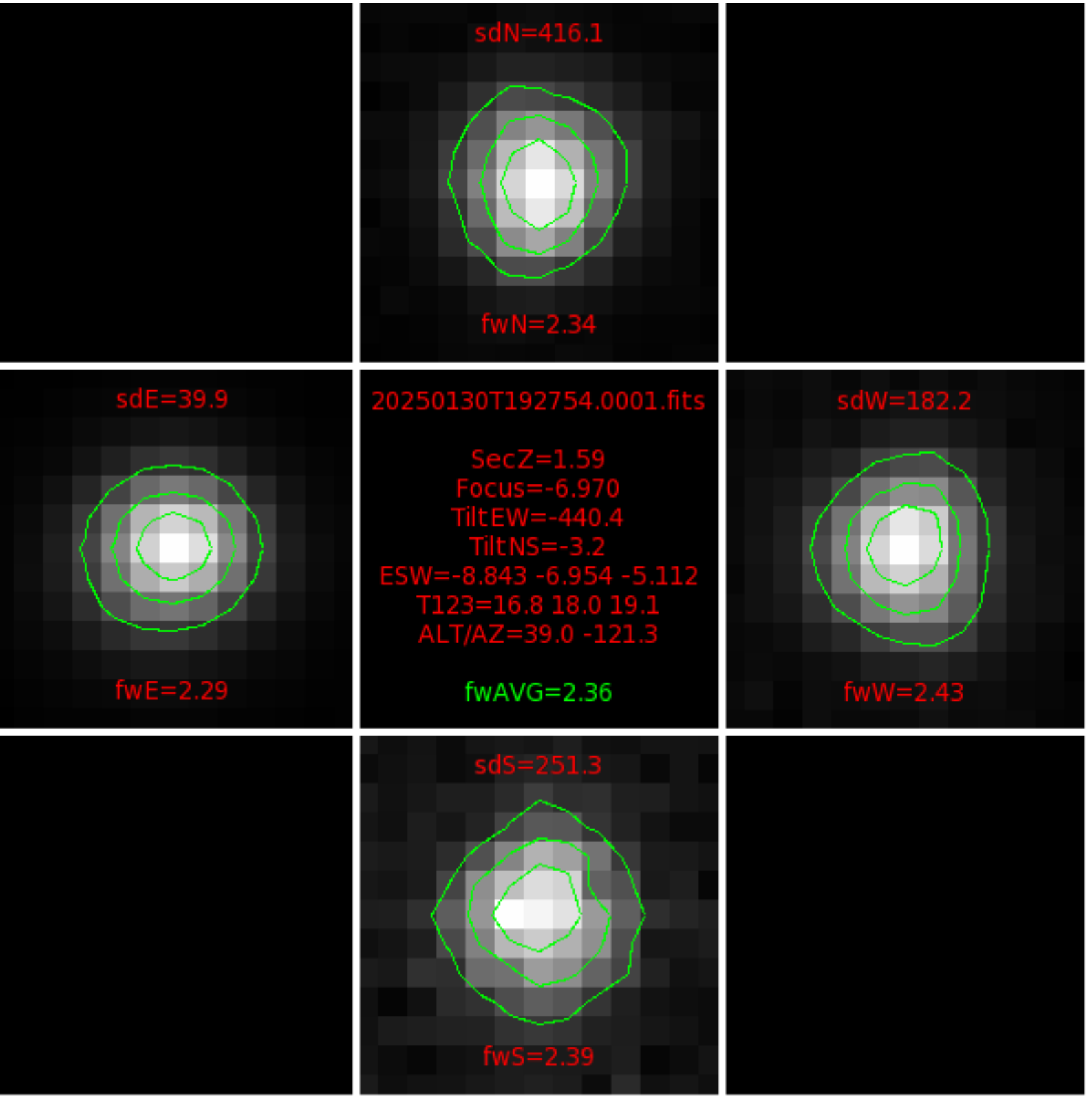
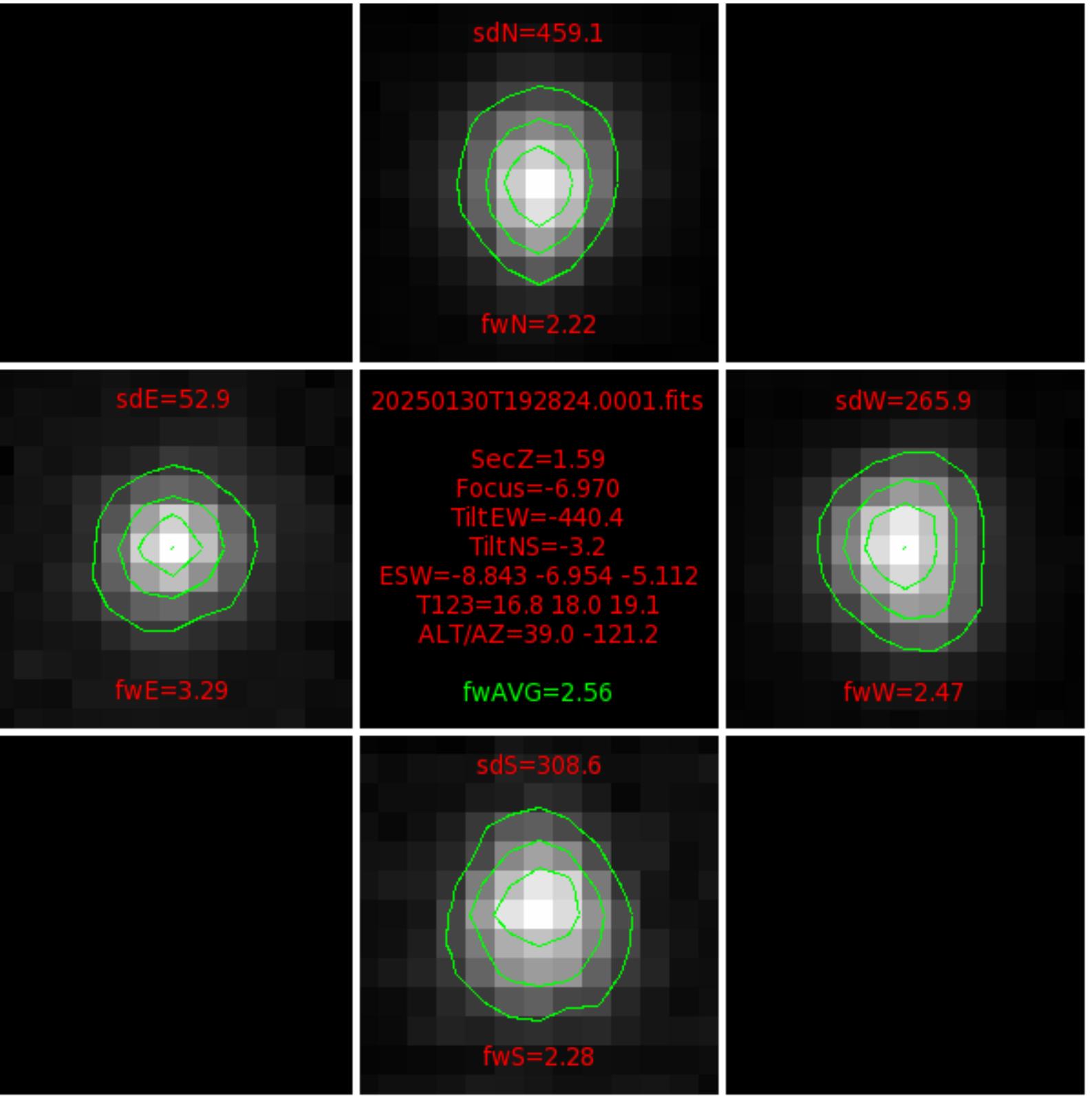

sdN=416.1
fwN=2.34
sdE=39.9
fwE=2.29
20250130T192754.0001.fits
SecZ=1.59
Focus=-6.970
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.843 -6.954 -5.112
T123=16.8 18.0 19.1
ALT/AZ=39.0 -121.3
fwAVG=2.36
sdW=182.2
fwW=2.43
sdS=251.3
fwS=2.39
0 0 0 0 0 0 0 0 0


sdN=459.1
fwN=2.22
sdE=52.9
fwE=3.29
20250130T192824.0001.fits
SecZ=1.59
Focus=-6.970
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.843 -6.954 -5.112
T123=16.8 18.0 19.1
ALT/AZ=39.0 -121.2
fwAVG=2.56
sdW=265.9
fwW=2.47
sdS=308.6
fwS=2.28
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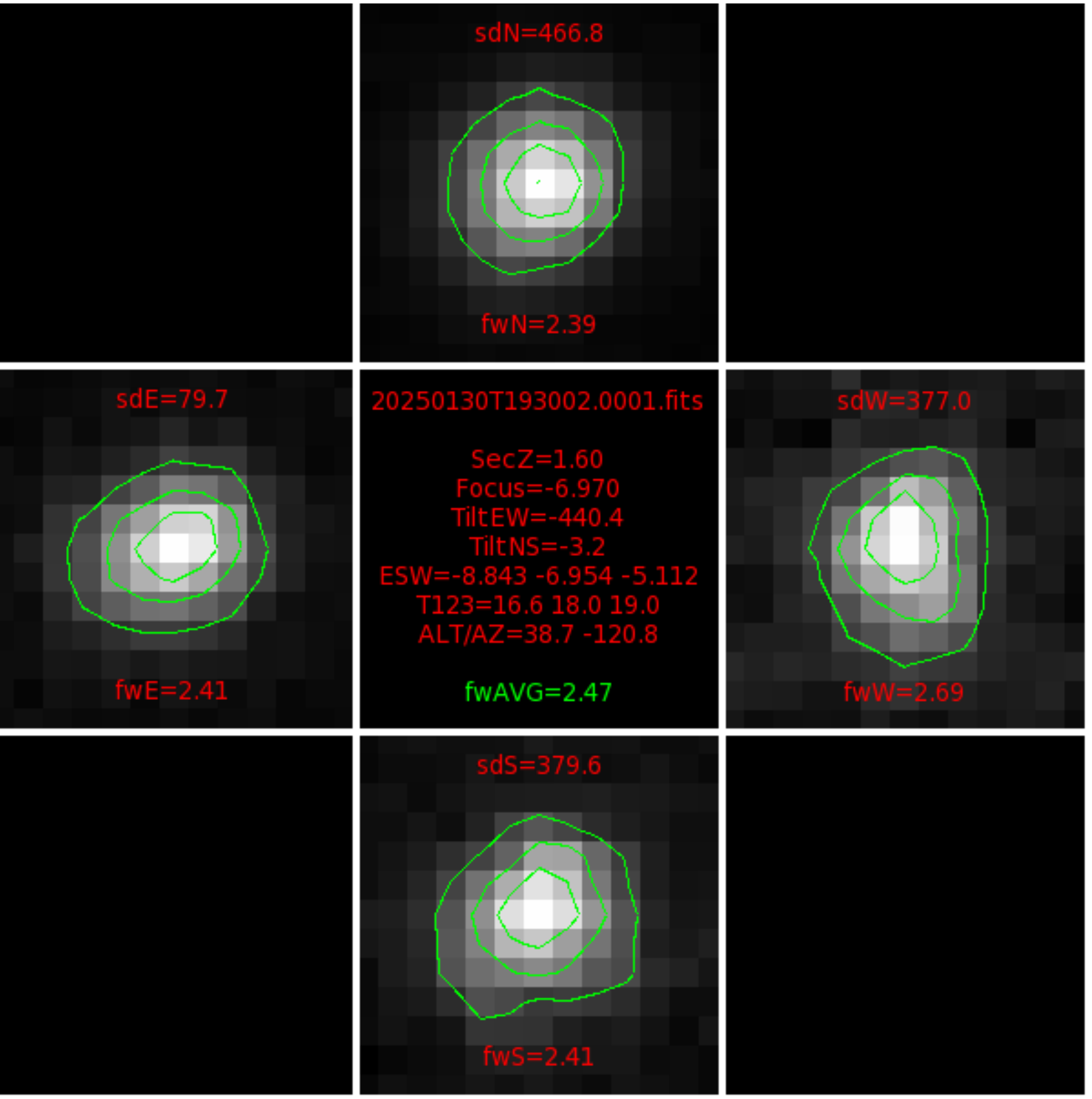
sdN=466.8
fwN=2.39
sdE=79.7
fwE=2.41
20250130T193002.0001.fits
SecZ=1.60
Focus=-6.970
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.843 -6.954 -5.112
T123=16.6 18.0 19.0
ALT/AZ=38.7 -120.8
fwAVG=2.47
sdW=377.0
fwW=2.69
sdS=379.6
fwS=2.41
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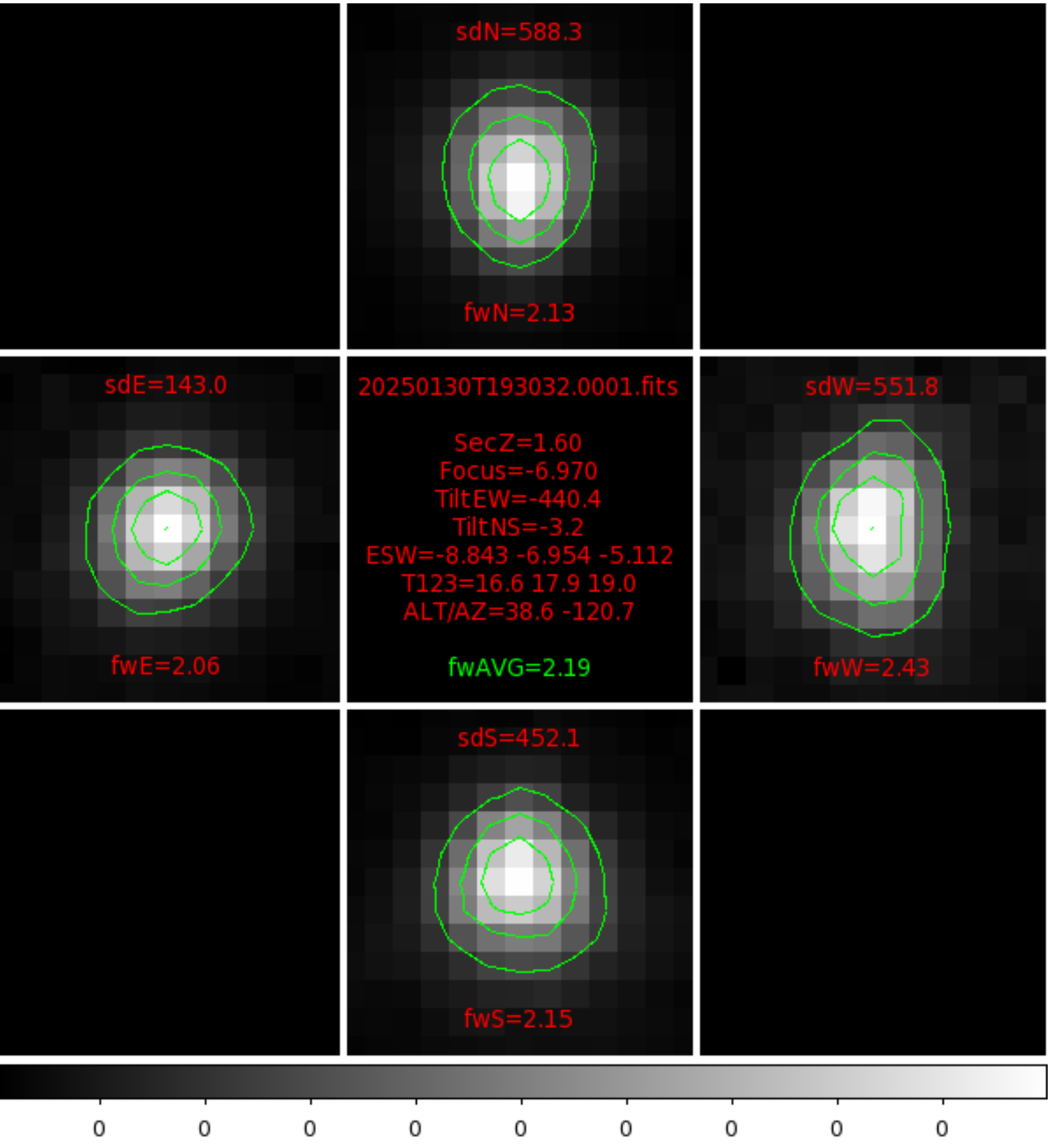
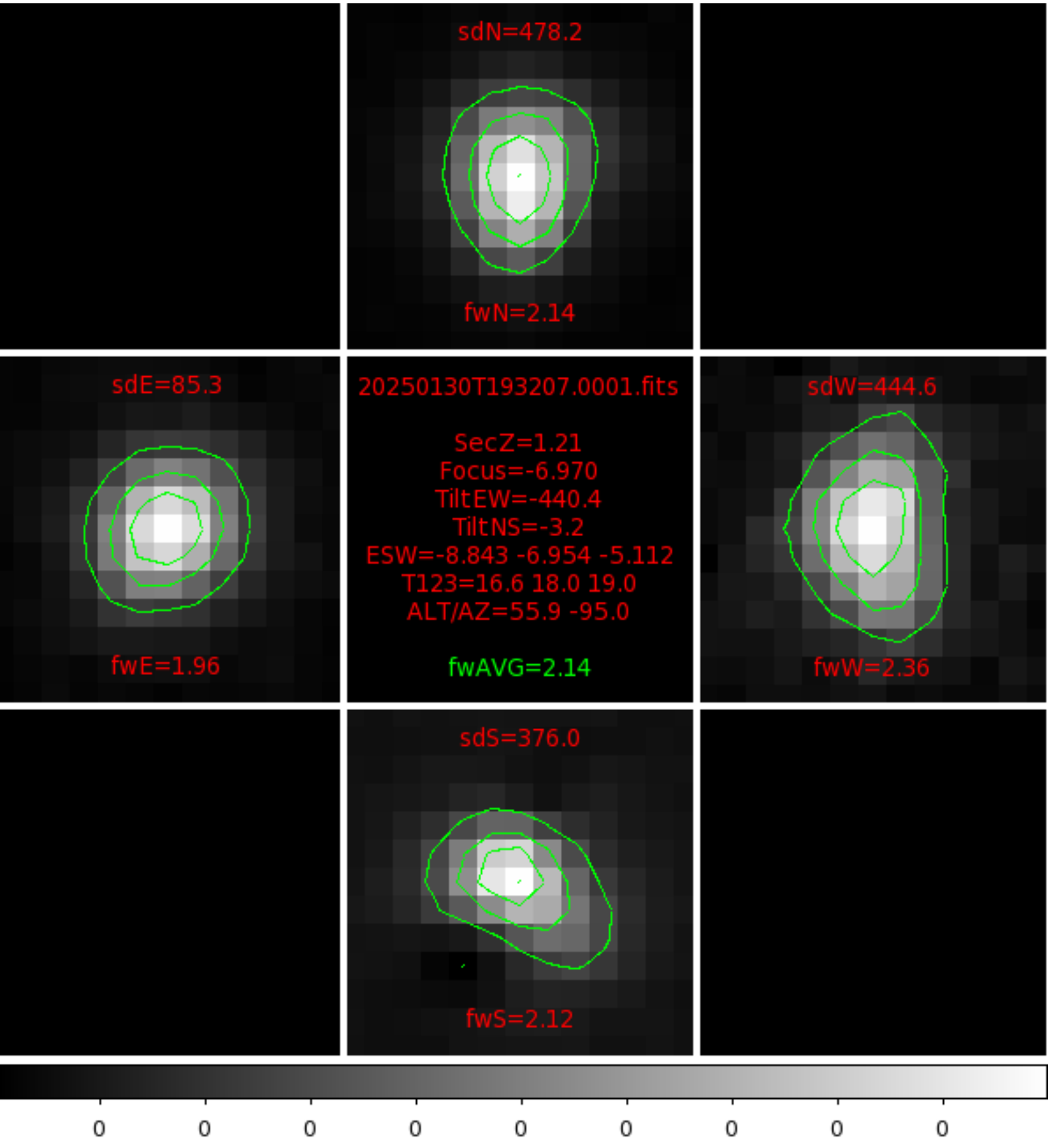
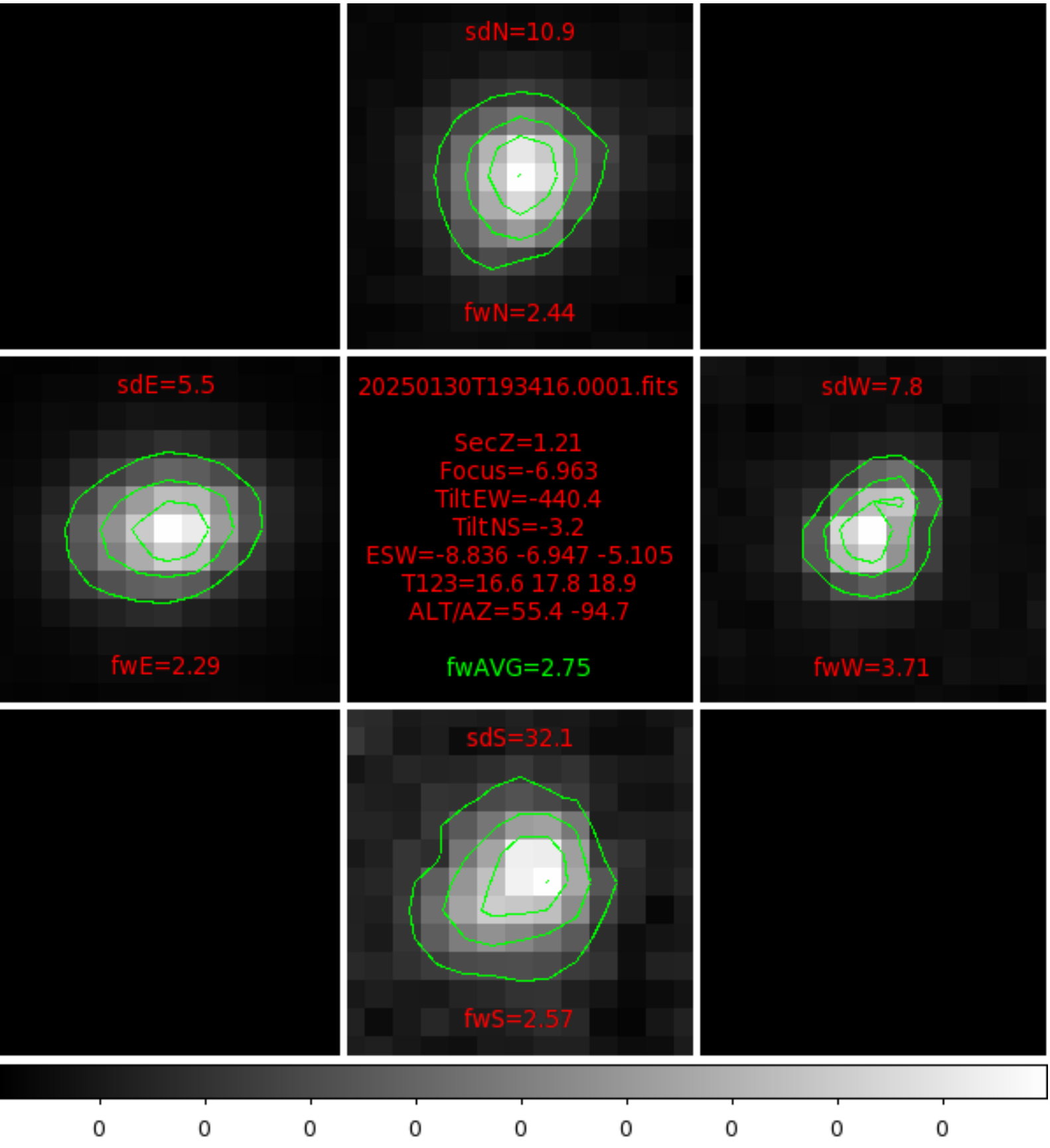
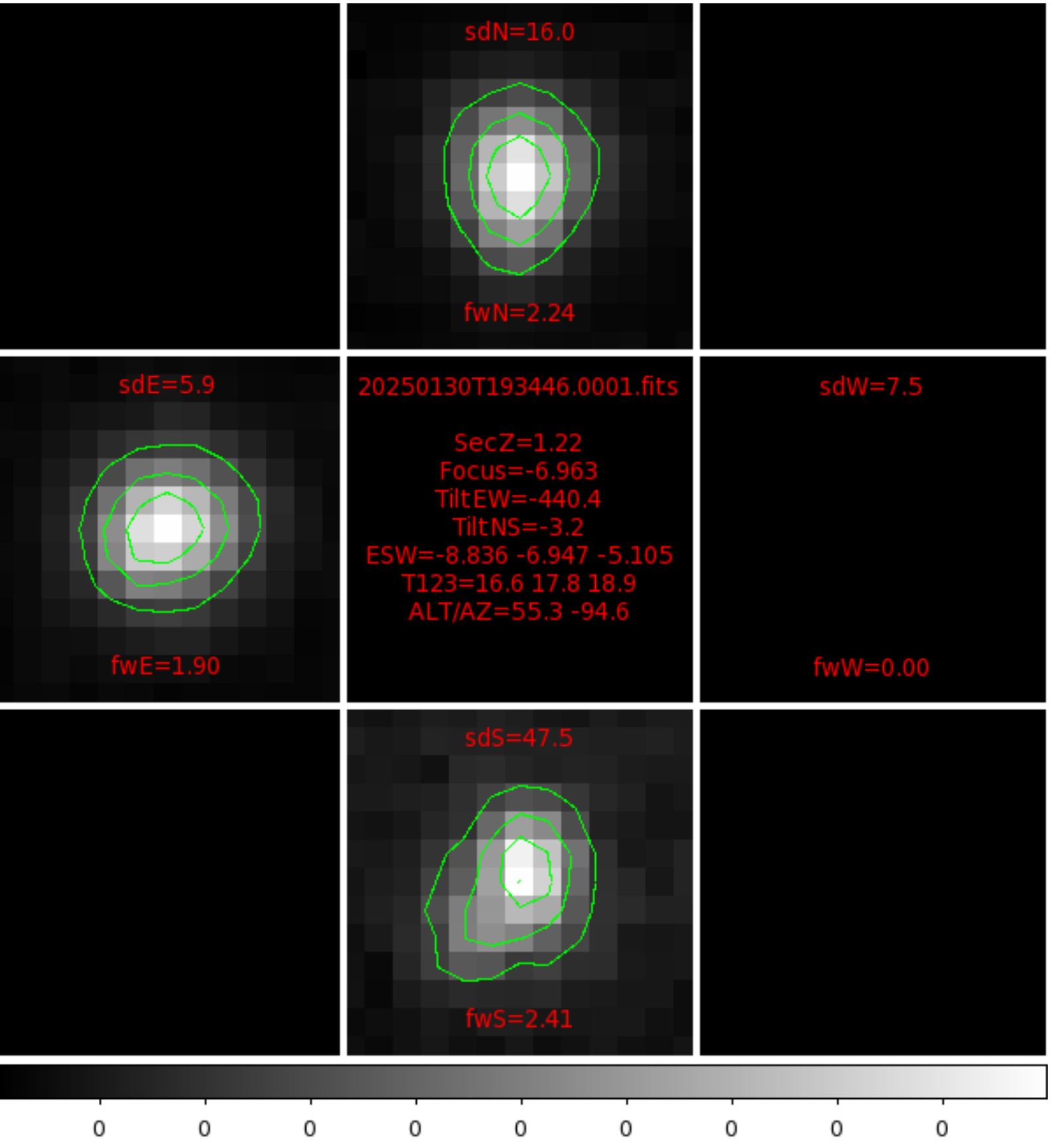
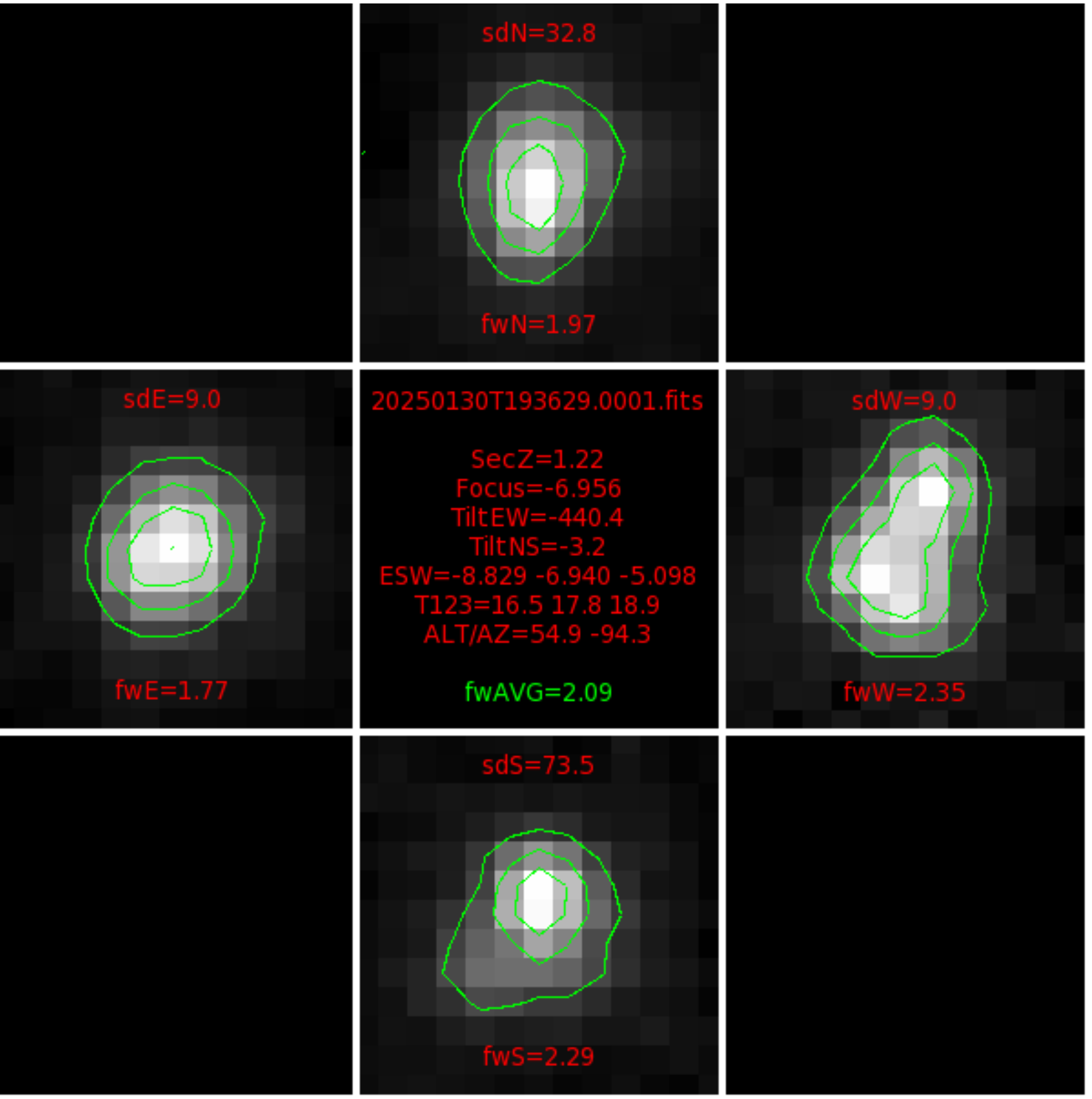

sdN=588.3
fwN=2.13
sdE=143.0
fwE=2.06
20250130T193032.0001.fits
SecZ=1.60
Focus=-6.970
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.843 -6.954 -5.112
T123=16.6 17.9 19.0
ALT/AZ=38.6 -120.7
fwAVG=2.19
sdW=551.8
fwW=2.43
sdS=452.1
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=478.2
fwN=2.14
sdE=85.3
fwE=1.96
20250130T193207.0001.fits
SecZ=1.21
Focus=-6.970
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.843 -6.954 -5.112
T123=16.6 18.0 19.0
ALT/AZ=55.9 -95.0
fwAVG=2.14
sdW=444.6
fwW=2.36
sdS=376.0
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=10.9
fwN=2.44
sdE=5.5
fwE=2.29
20250130T193416.0001.fits
SecZ=1.21
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=16.6 17.8 18.9
ALT/AZ=55.4 -94.7
fwAVG=2.75
sdW=7.8
fwW=3.71
sdS=32.1
fwS=2.57
0 0 0 0 0 0 0 0 0


sdN=16.0
fwN=2.24
sdE=5.9
fwE=1.90
20250130T193446.0001.fits
SecZ=1.22
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=16.6 17.8 18.9
ALT/AZ=55.3 -94.6
sdW=7.5
fwW=0.00
sdS=47.5
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=32.8
fwN=1.97
sdE=9.0
fwE=1.77
20250130T193629.0001.fits
SecZ=1.22
Focus=-6.956
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.829 -6.940 -5.098
T123=16.5 17.8 18.9
ALT/AZ=54.9 -94.3
fwAVG=2.09
sdW=9.0
fwW=2.35
sdS=73.5
fwS=2.29
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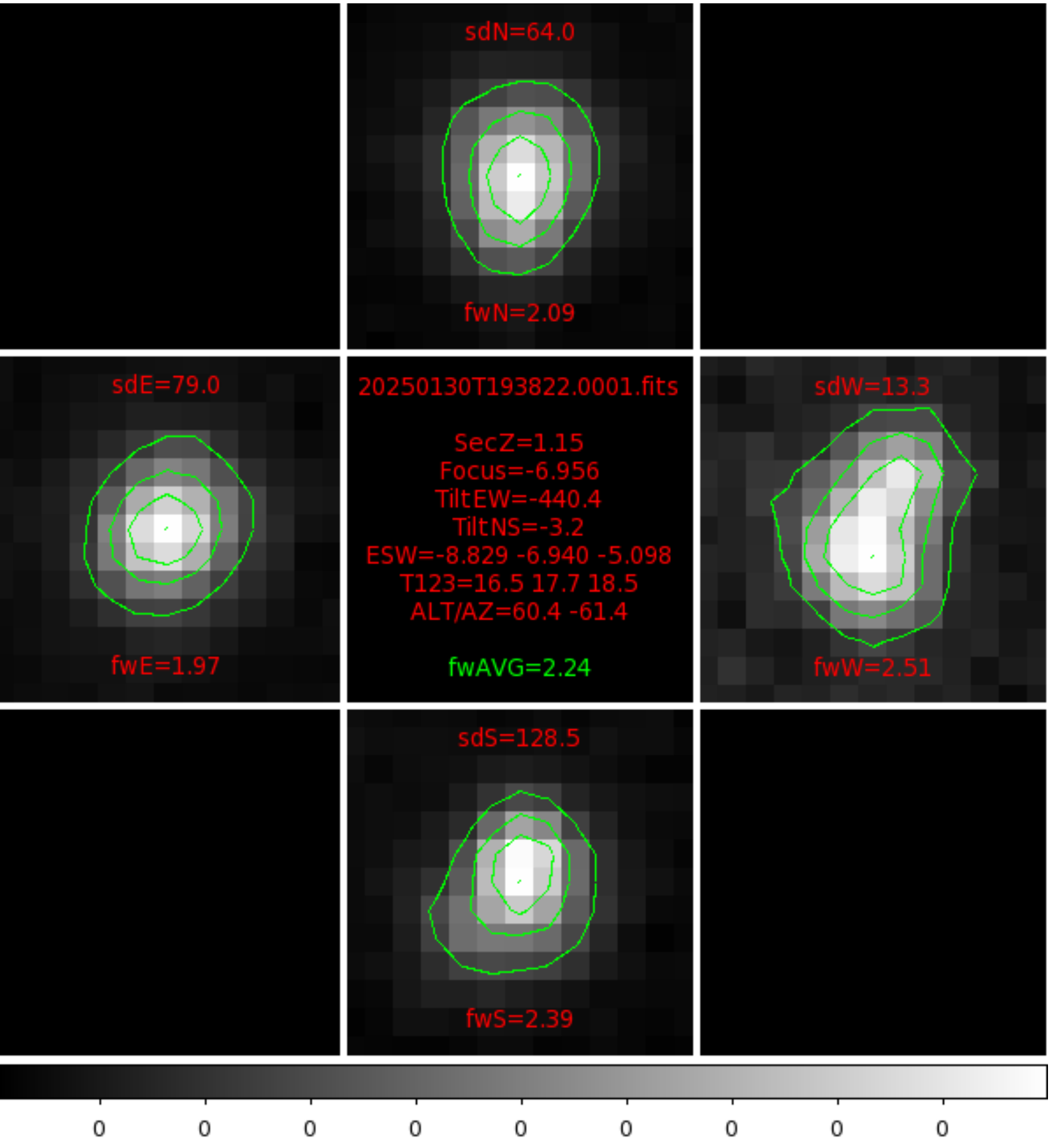
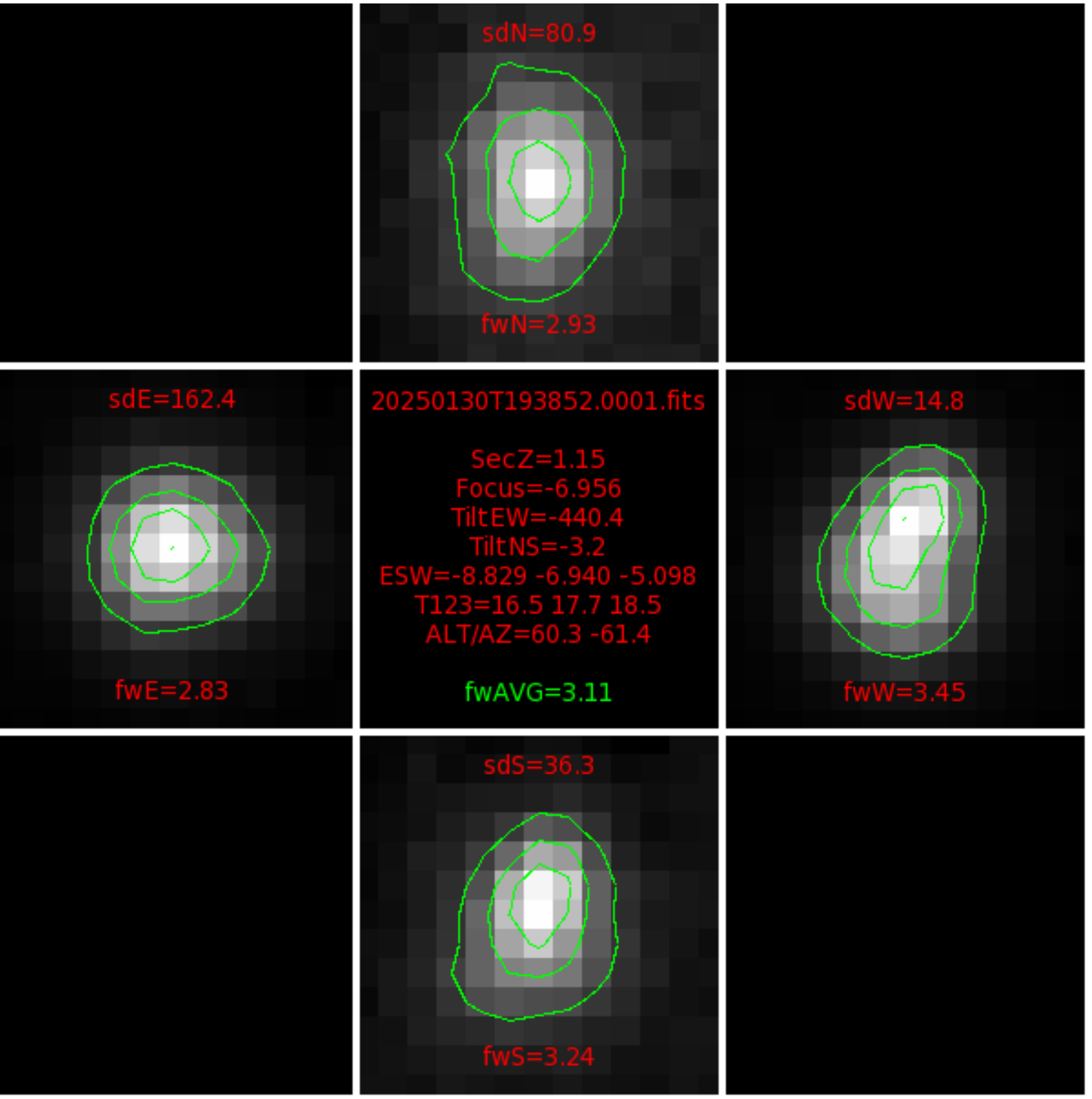

sdN=64.0
fwN=2.09
sdE=79.0
fwE=1.97
20250130T193822.0001.fits
SecZ=1.15
Focus=-6.956
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.829 -6.940 -5.098
T123=16.5 17.7 18.5
ALT/AZ=60.4 -61.4
fwAVG=2.24
sdW=13.3
fwW=2.51
sdS=128.5
fwS=2.39
0 0 0 0 0 0 0 0 0


sdN=80.9
fwN=2.93
sdE=162.4
fwE=2.83
20250130T193852.0001.fits
SecZ=1.15
Focus=-6.956
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.829 -6.940 -5.098
T123=16.5 17.7 18.5
ALT/AZ=60.3 -61.4
fwAVG=3.11
sdW=14.8
fwW=3.45
sdS=36.3
fwS=3.24
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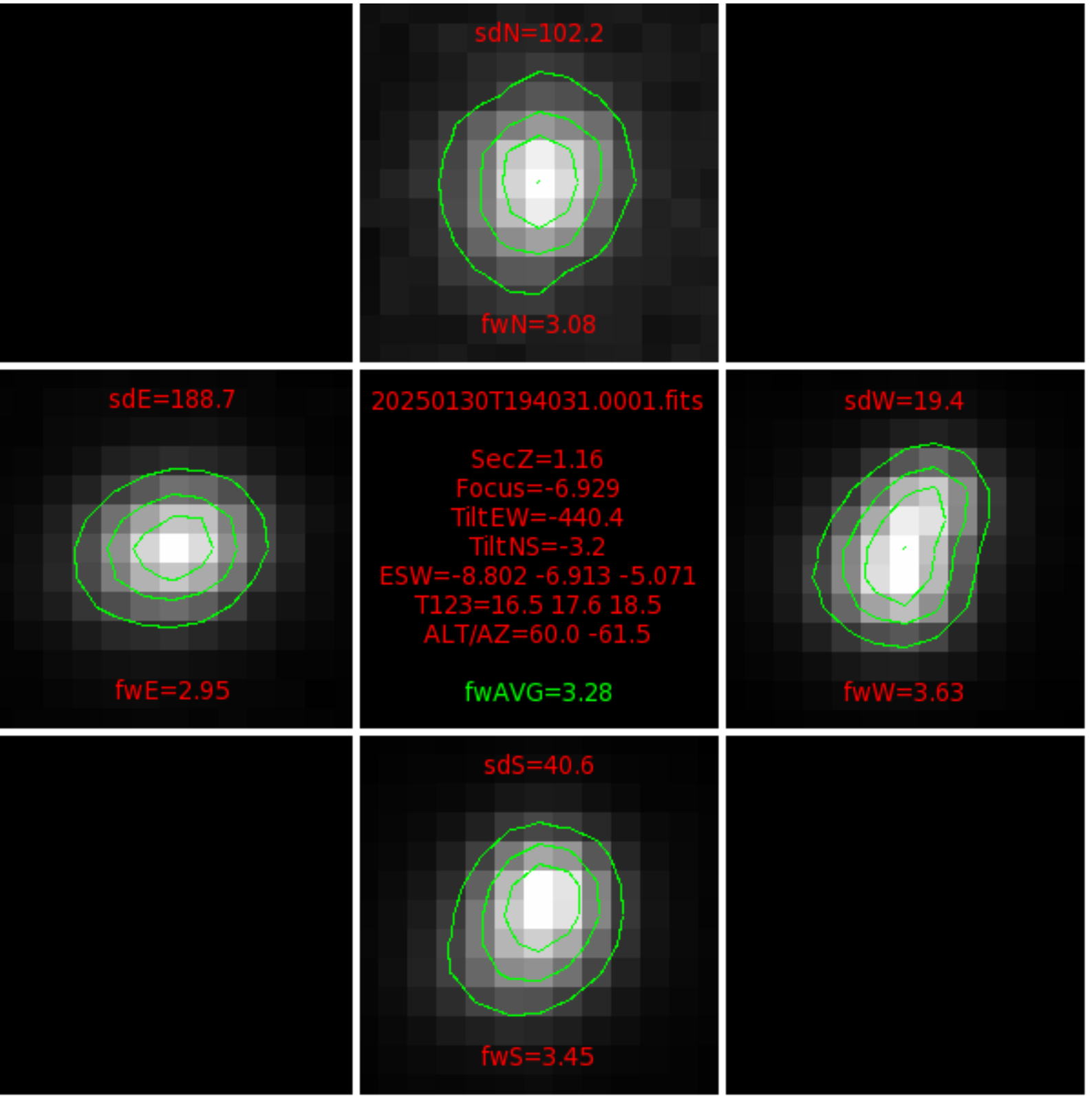
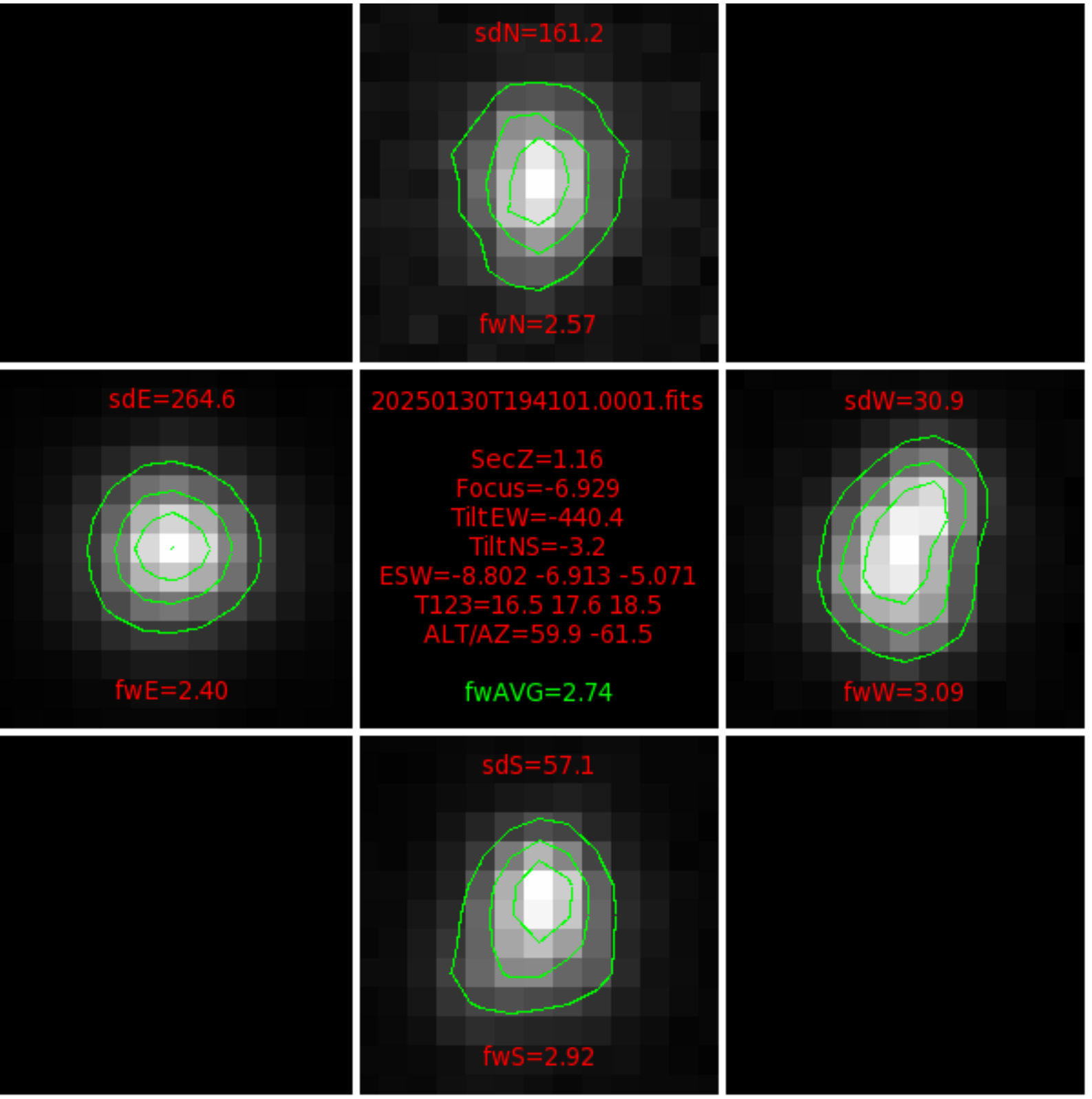

sdN=102.2
fwN=3.08
sdE=188.7
fwE=2.95
20250130T194031.0001.fits
SecZ=1.16
Focus=-6.929
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.802 -6.913 -5.071
T123=16.5 17.6 18.5
ALT/AZ=60.0 -61.5
fwAVG=3.28
sdW=19.4
fwW=3.63
sdS=40.6
fwS=3.45
0 0 0 0 0 0 0 0 0


sdN=161.2
fwN=2.57
sdE=264.6
fwE=2.40
20250130T194101.0001.fits
SecZ=1.16
Focus=-6.929
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.802 -6.913 -5.071
T123=16.5 17.6 18.5
ALT/AZ=59.9 -61.5
fwAVG=2.74
sdW=30.9
fwW=3.09
sdS=57.1
fwS=2.92
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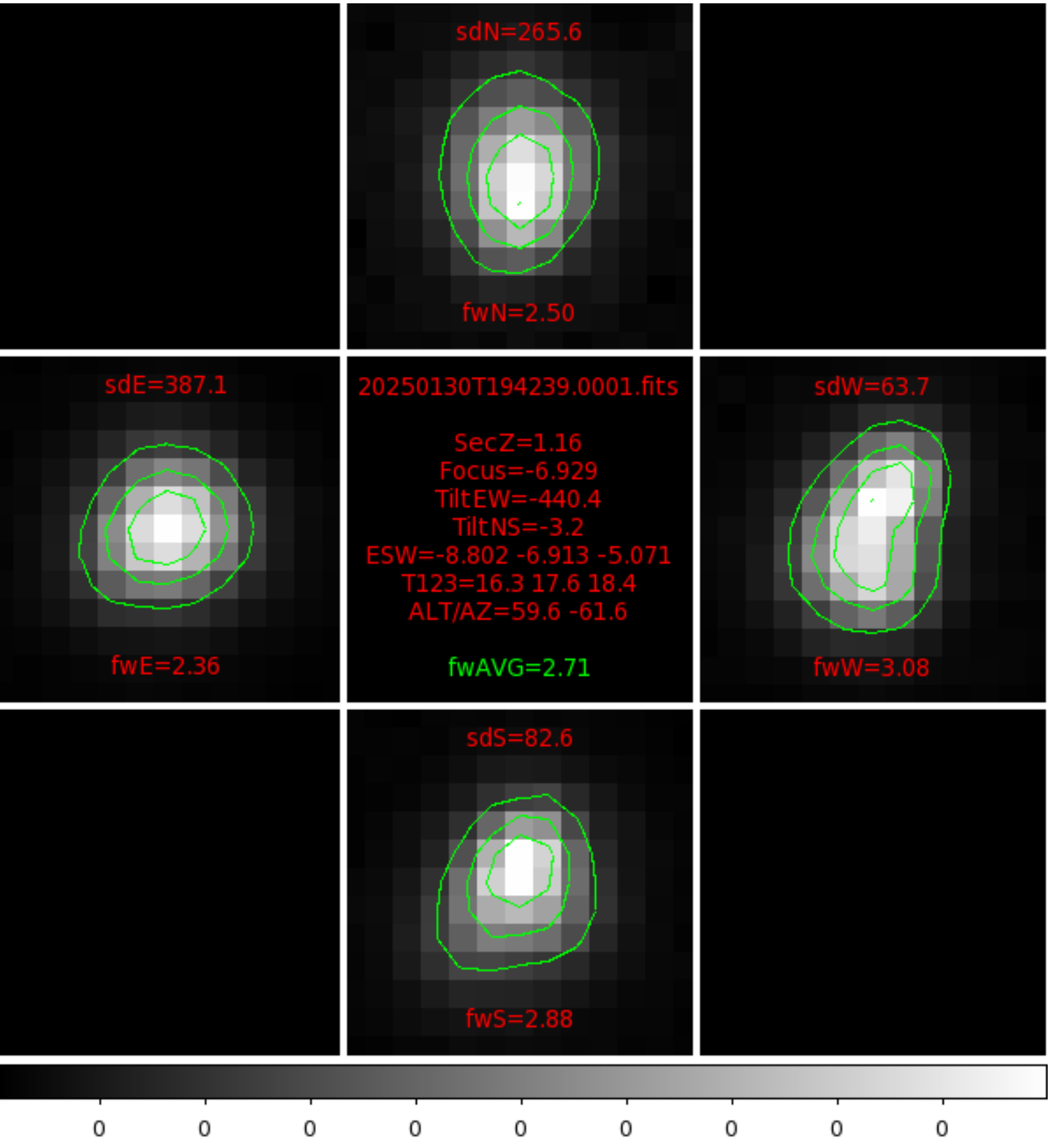
sdN=265.6
fwN=2.50
sdE=387.1
fwE=2.36
20250130T194239.0001.fits
SecZ=1.16
Focus=-6.929
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.802 -6.913 -5.071
T123=16.3 17.6 18.4
ALT/AZ=59.6 -61.6
fwAVG=2.71
sdW=63.7
fwW=3.08
sdS=82.6
fwS=2.88
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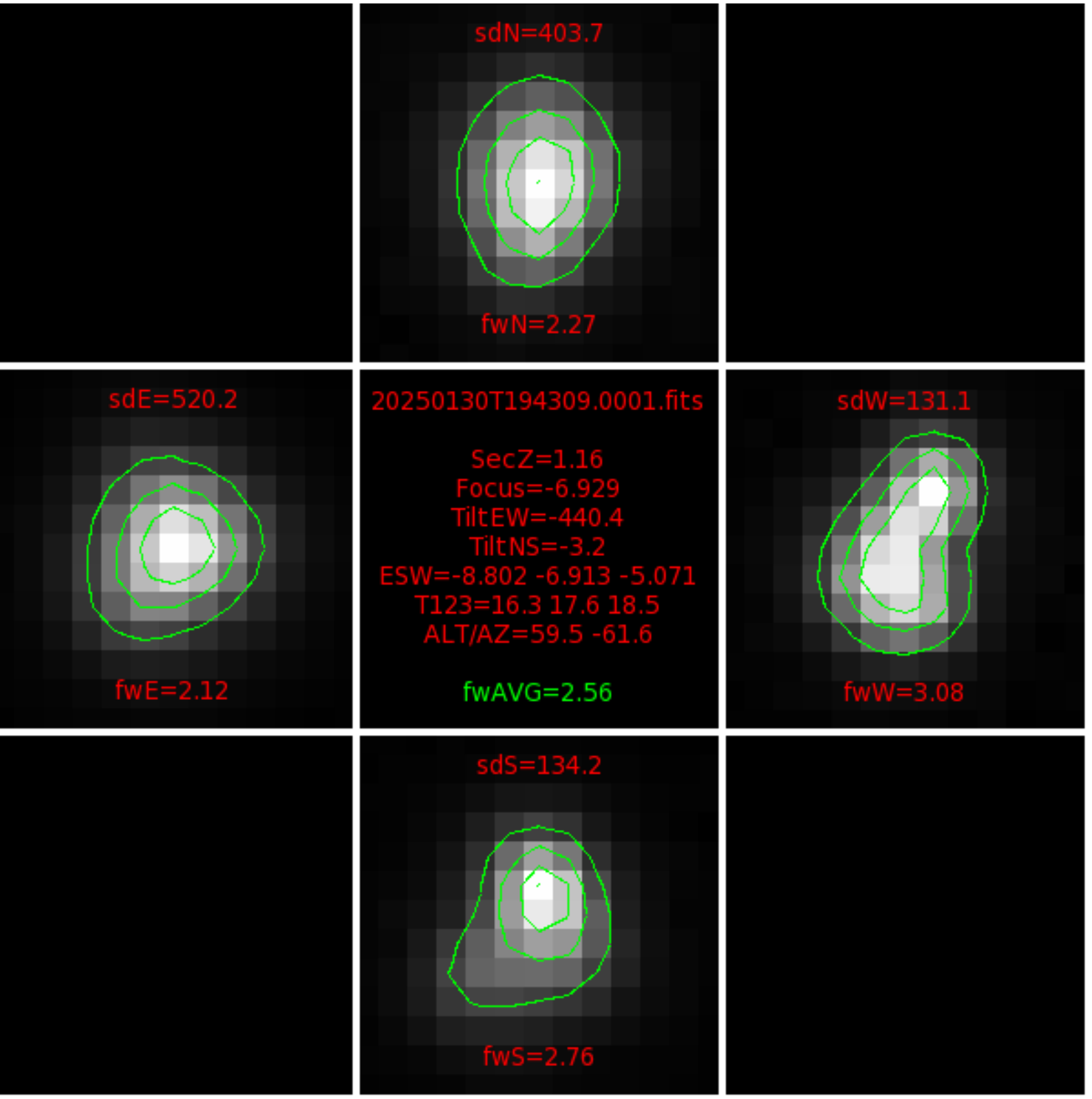
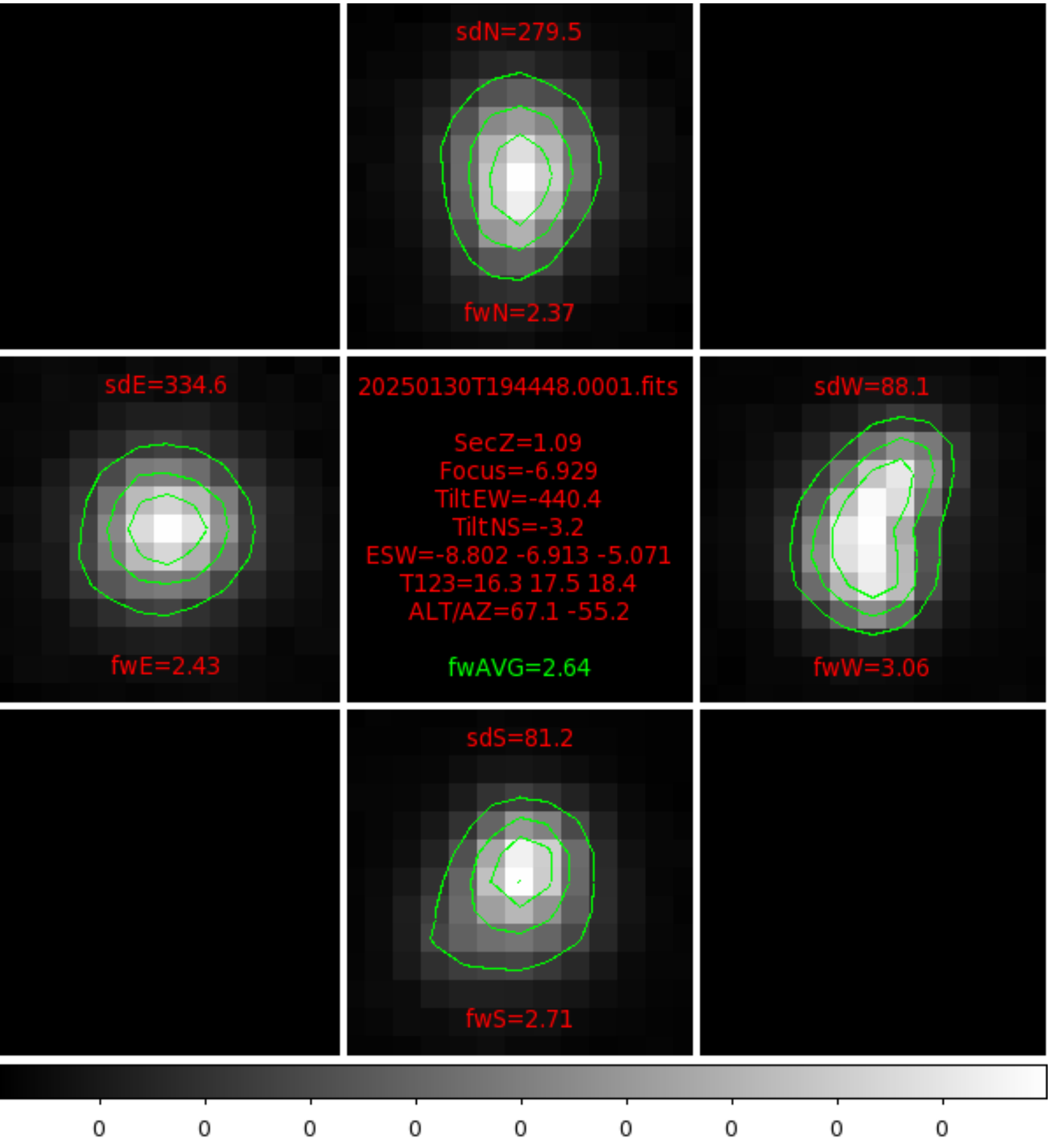
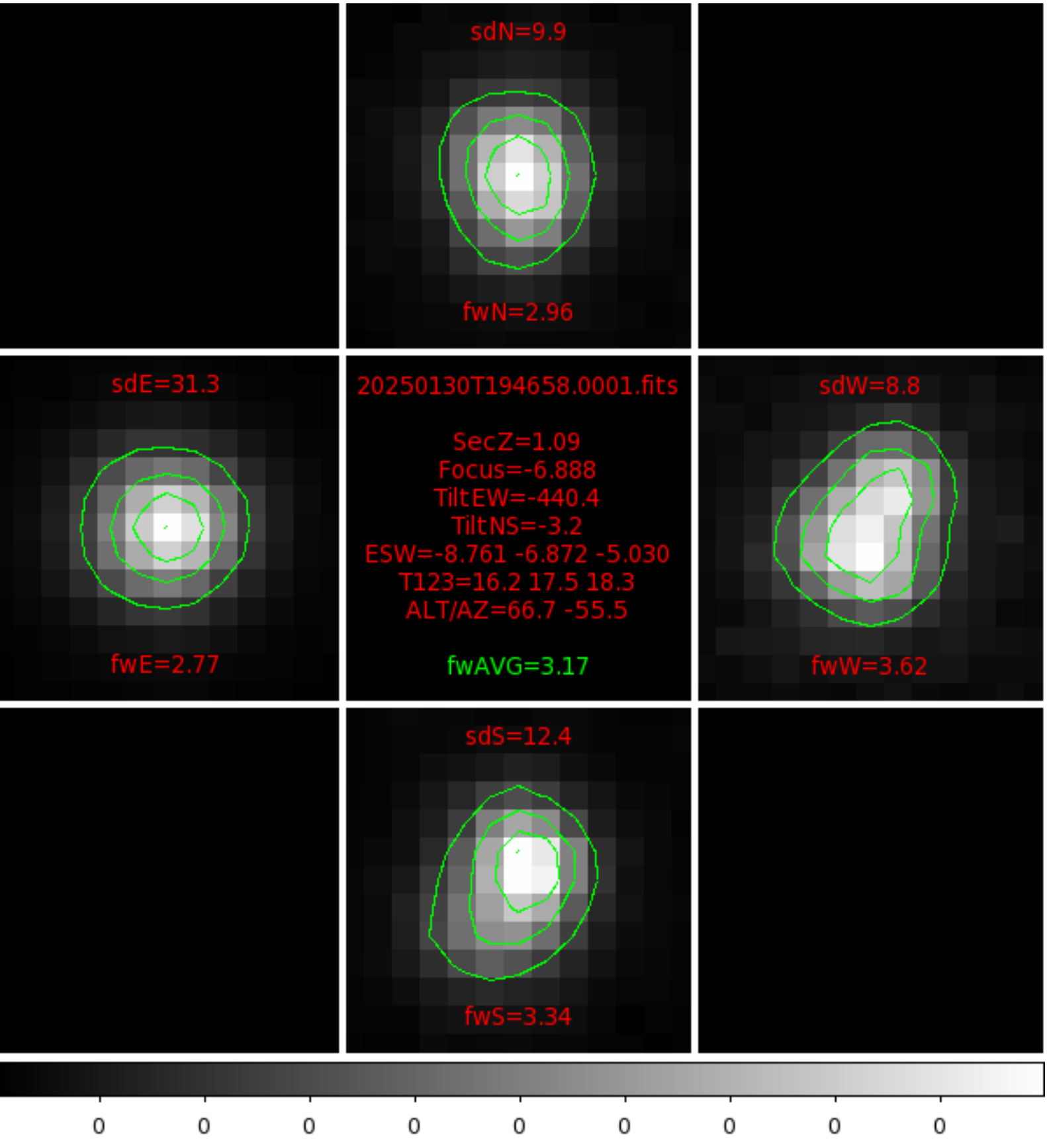

sdN=403.7
fwN=2.27
sdE=520.2
fwE=2.12
20250130T194309.0001.fits
SecZ=1.16
Focus=-6.929
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.802 -6.913 -5.071
T123=16.3 17.6 18.5
ALT/AZ=59.5 -61.6
fwAVG=2.56
sdW=131.1
fwW=3.08
sdS=134.2
fwS=2.76
0 0 0 0 0 0 0 0 0


sdN=279.5
fwN=2.37
sdE=334.6
fwE=2.43
20250130T194448.0001.fits
SecZ=1.09
Focus=-6.929
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.802 -6.913 -5.071
T123=16.3 17.5 18.4
ALT/AZ=67.1 -55.2
fwAVG=2.64
sdW=88.1
fwW=3.06
sdS=81.2
fwS=2.71
0 0 0 0 0 0 0 0 0


sdN=9.9
fwN=2.96
sdE=31.3
fwE=2.77
20250130T194658.0001.fits
SecZ=1.09
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.2 17.5 18.3
ALT/AZ=66.7 -55.5
fwAVG=3.17
sdW=8.8
fwW=3.62
sdS=12.4
fwS=3.34
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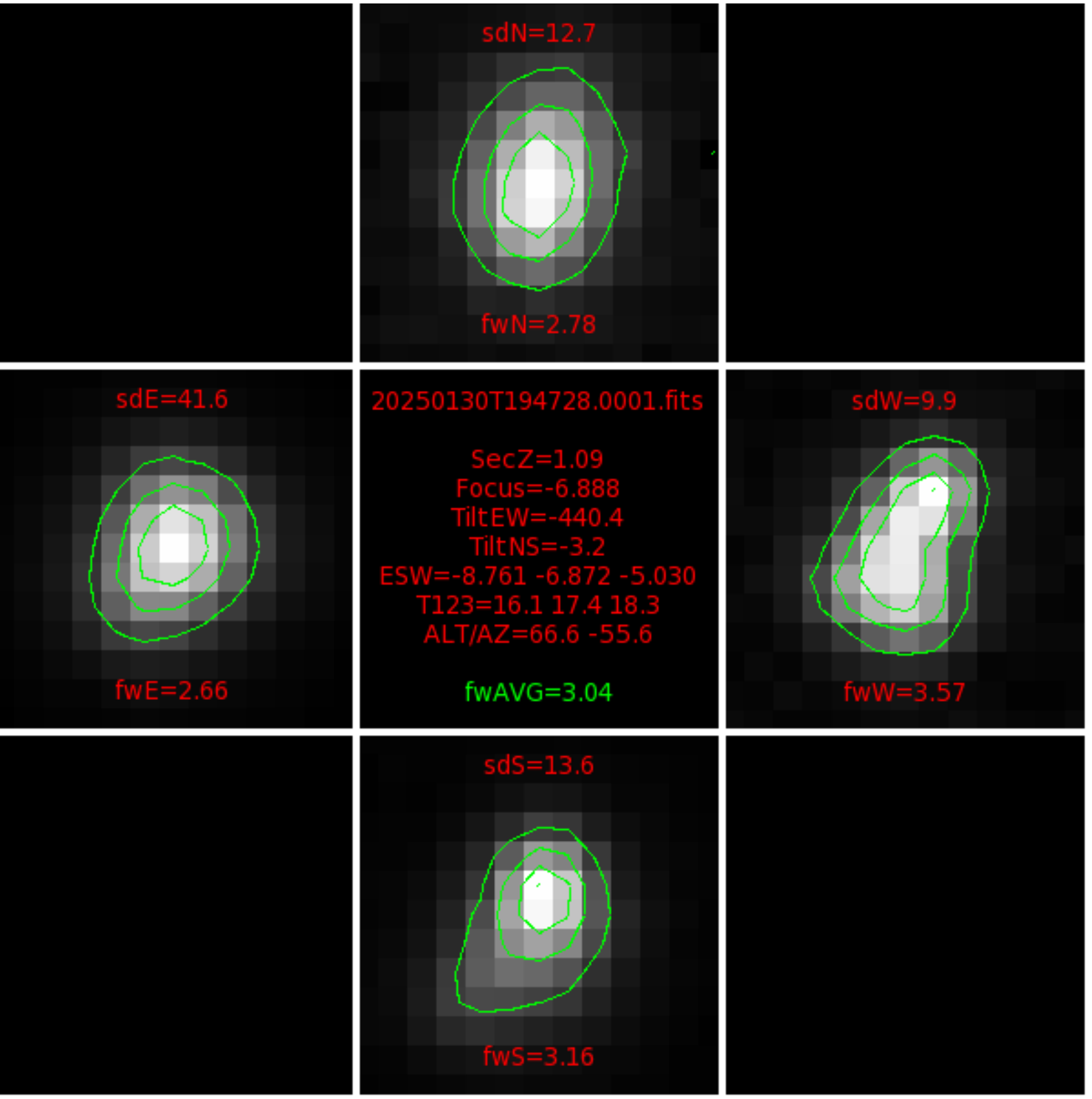
sdN=12.7
fwN=2.78
sdE=41.6
fwE=2.66
20250130T194728.0001.fits
SecZ=1.09
Focus=-6.888
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.761 -6.872 -5.030
T123=16.1 17.4 18.3
ALT/AZ=66.6 -55.6
fwAVG=3.04
sdW=9.9
fwW=3.57
sdS=13.6
fwS=3.16
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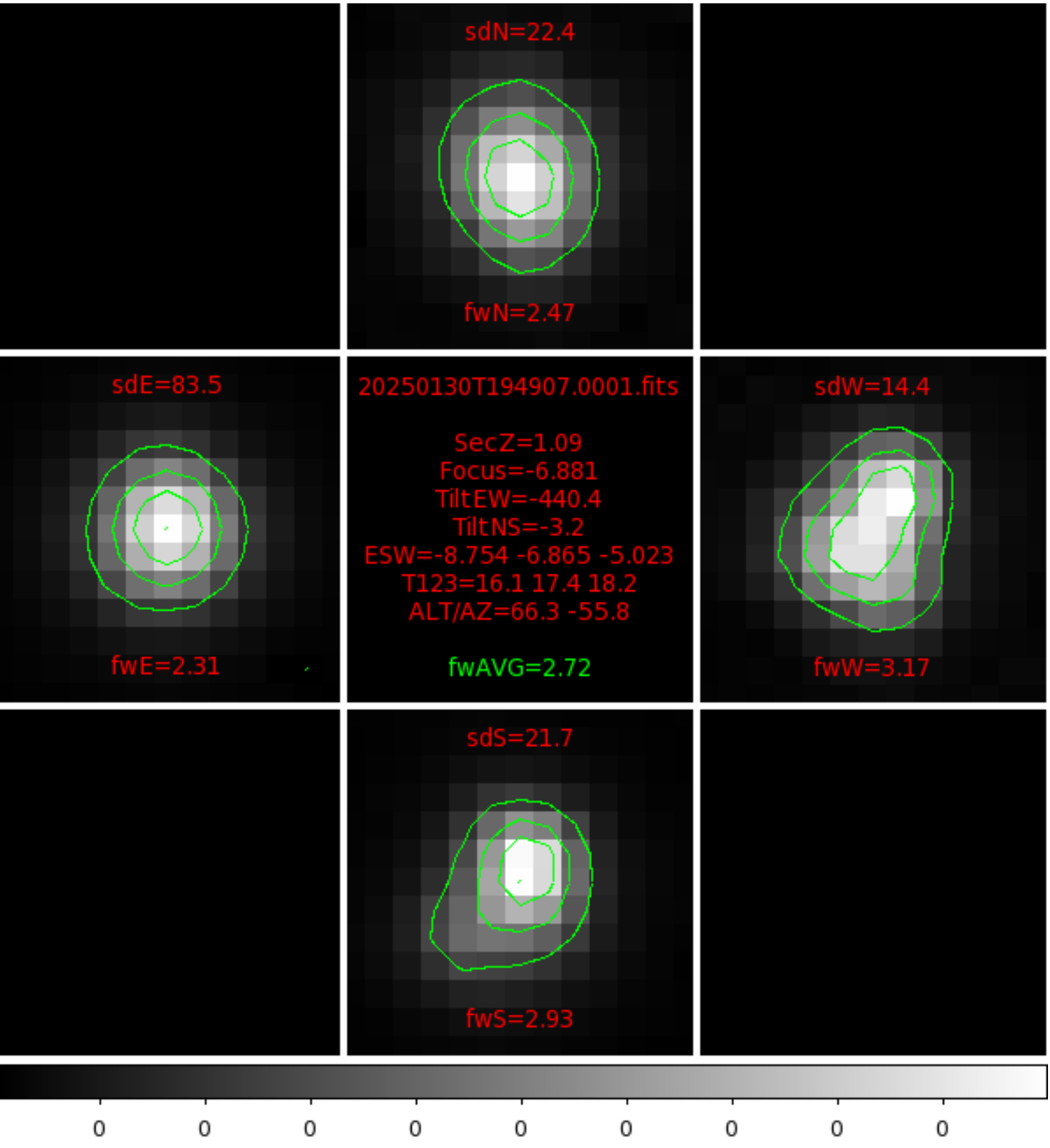
sdN=22.4
fwN=2.47
sdE=83.5
fwE=2.31
20250130T194907.0001.fits
SecZ=1.09
Focus=-6.881
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.754 -6.865 -5.023
T123=16.1 17.4 18.2
ALT/AZ=66.3 -55.8
fwAVG=2.72
sdW=14.4
fwW=3.17
sdS=21.7
fwS=2.93
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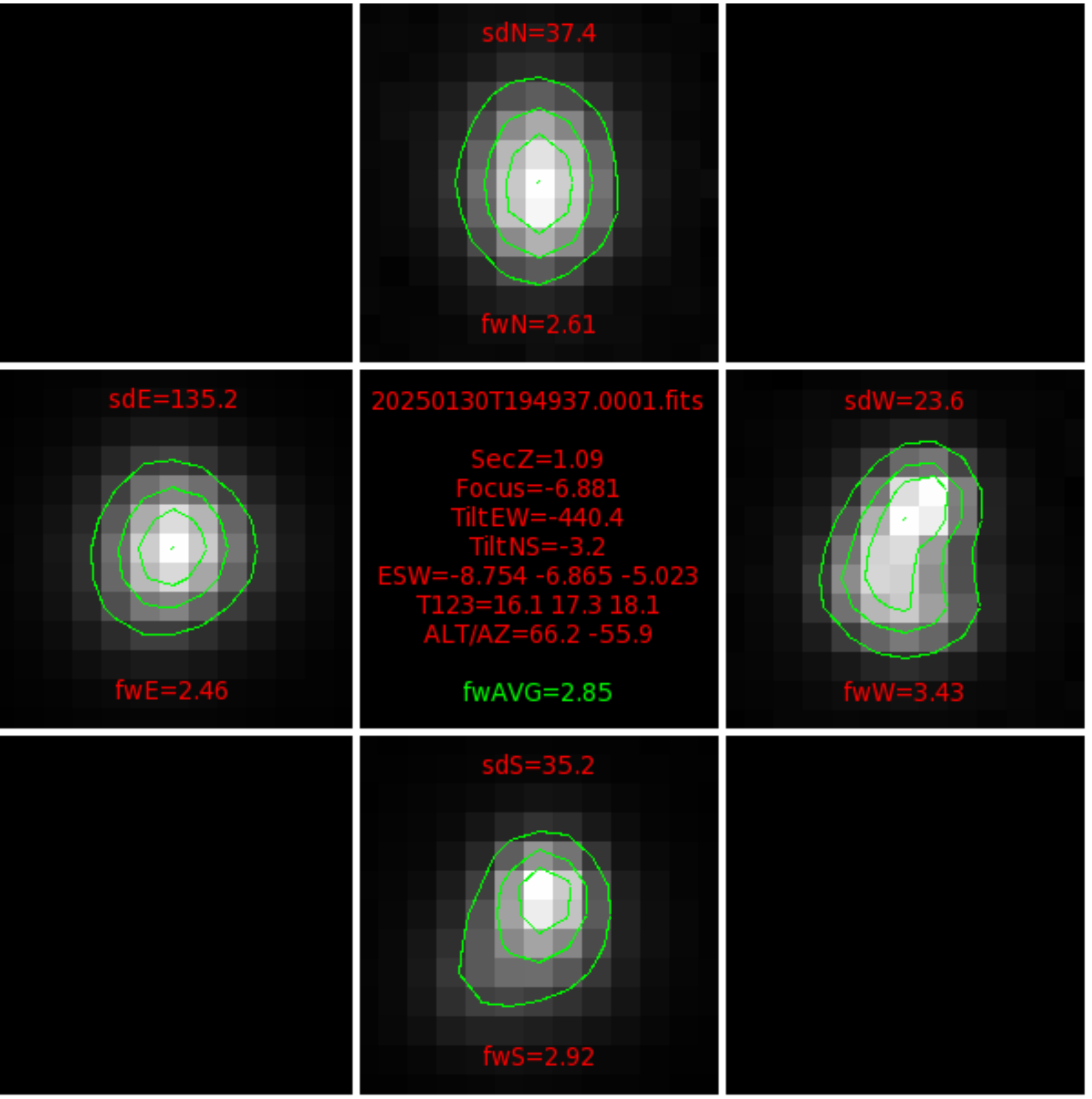
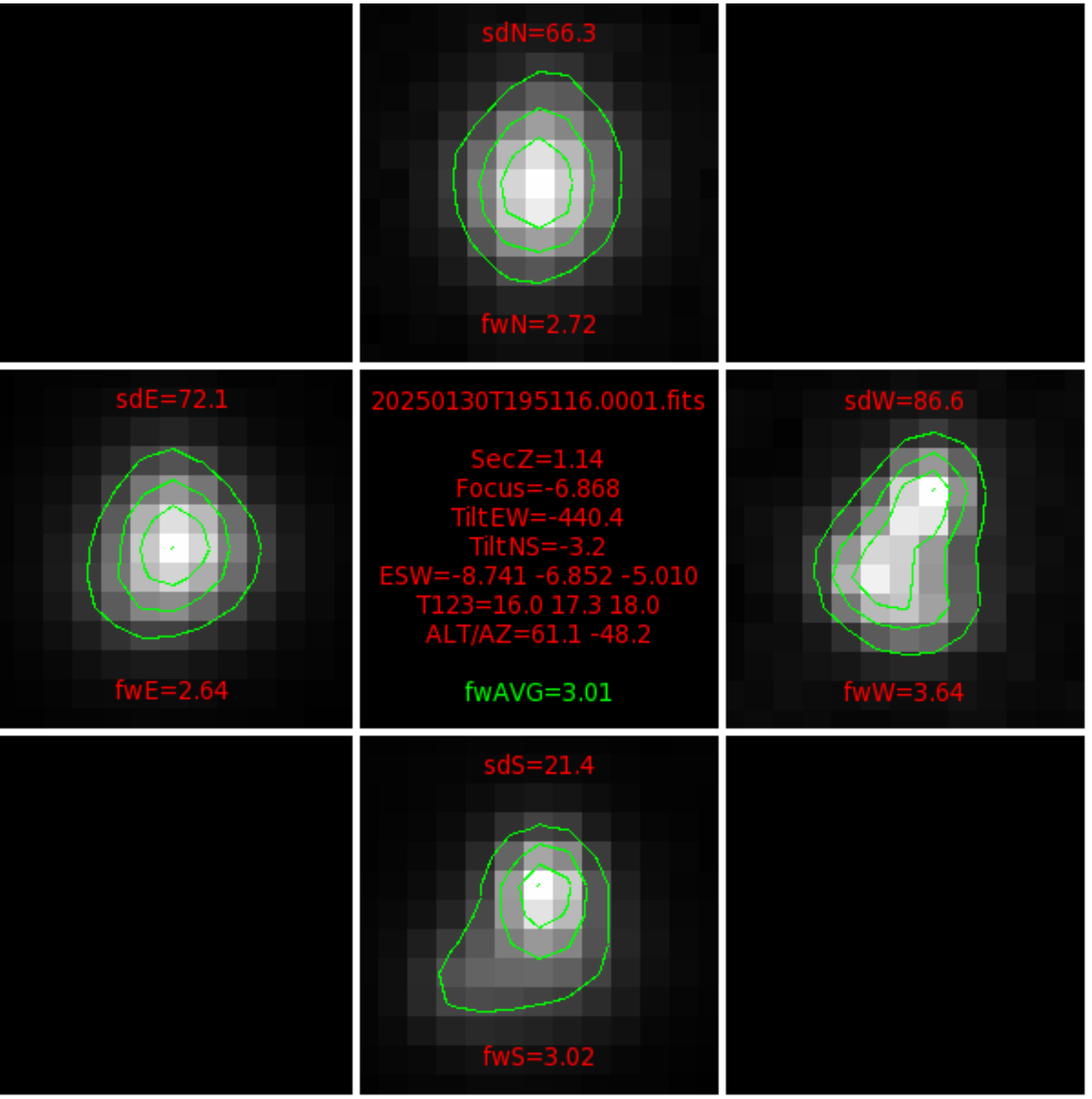
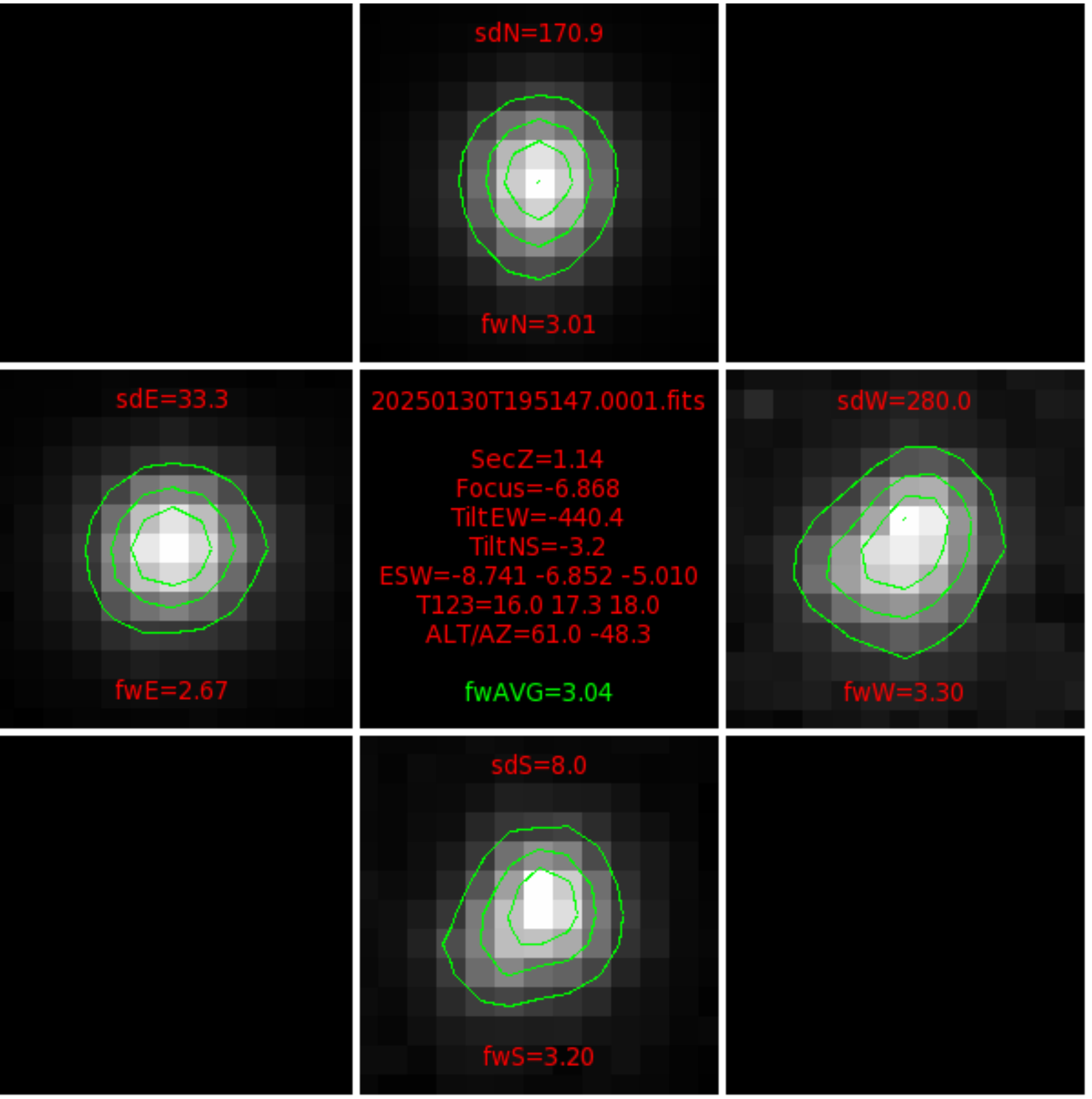
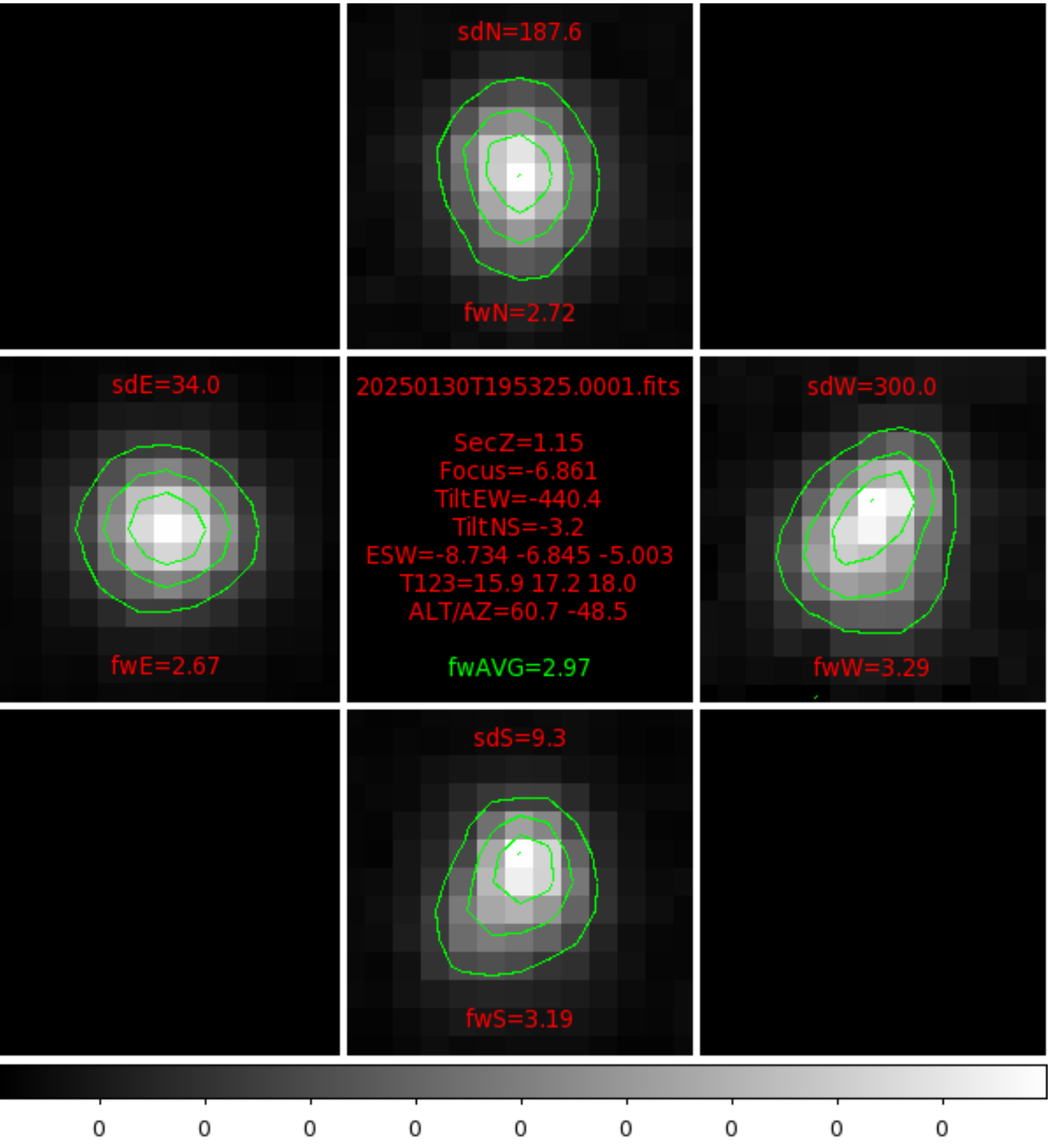

sdN=37.4
fwN=2.61
sdE=135.2
fwE=2.46
20250130T194937.0001.fits
SecZ=1.09
Focus=-6.881
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.754 -6.865 -5.023
T123=16.1 17.3 18.1
ALT/AZ=66.2 -55.9
fwAVG=2.85
sdW=23.6
fwW=3.43
sdS=35.2
fwS=2.92
0 0 0 0 0 0 0 0 0


sdN=66.3
fwN=2.72
sdE=72.1
fwE=2.64
20250130T195116.0001.fits
SecZ=1.14
Focus=-6.868
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.741 -6.852 -5.010
T123=16.0 17.3 18.0
ALT/AZ=61.1 -48.2
fwAVG=3.01
sdW=86.6
fwW=3.64
sdS=21.4
fwS=3.02
0 0 0 0 0 0 0 0 0


sdN=170.9
fwN=3.01
sdE=33.3
fwE=2.67
20250130T195147.0001.fits
SecZ=1.14
Focus=-6.868
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.741 -6.852 -5.010
T123=16.0 17.3 18.0
ALT/AZ=61.0 -48.3
fwAVG=3.04
sdW=280.0
fwW=3.30
sdS=8.0
fwS=3.20
0 0 0 0 0 0 0 0 0


sdN=187.6
fwN=2.72
sdE=34.0
fwE=2.67
20250130T195325.0001.fits
SecZ=1.15
Focus=-6.861
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.734 -6.845 -5.003
T123=15.9 17.2 18.0
ALT/AZ=60.7 -48.5
fwAVG=2.97
sdW=300.0
fwW=3.29
sdS=9.3
fwS=3.19
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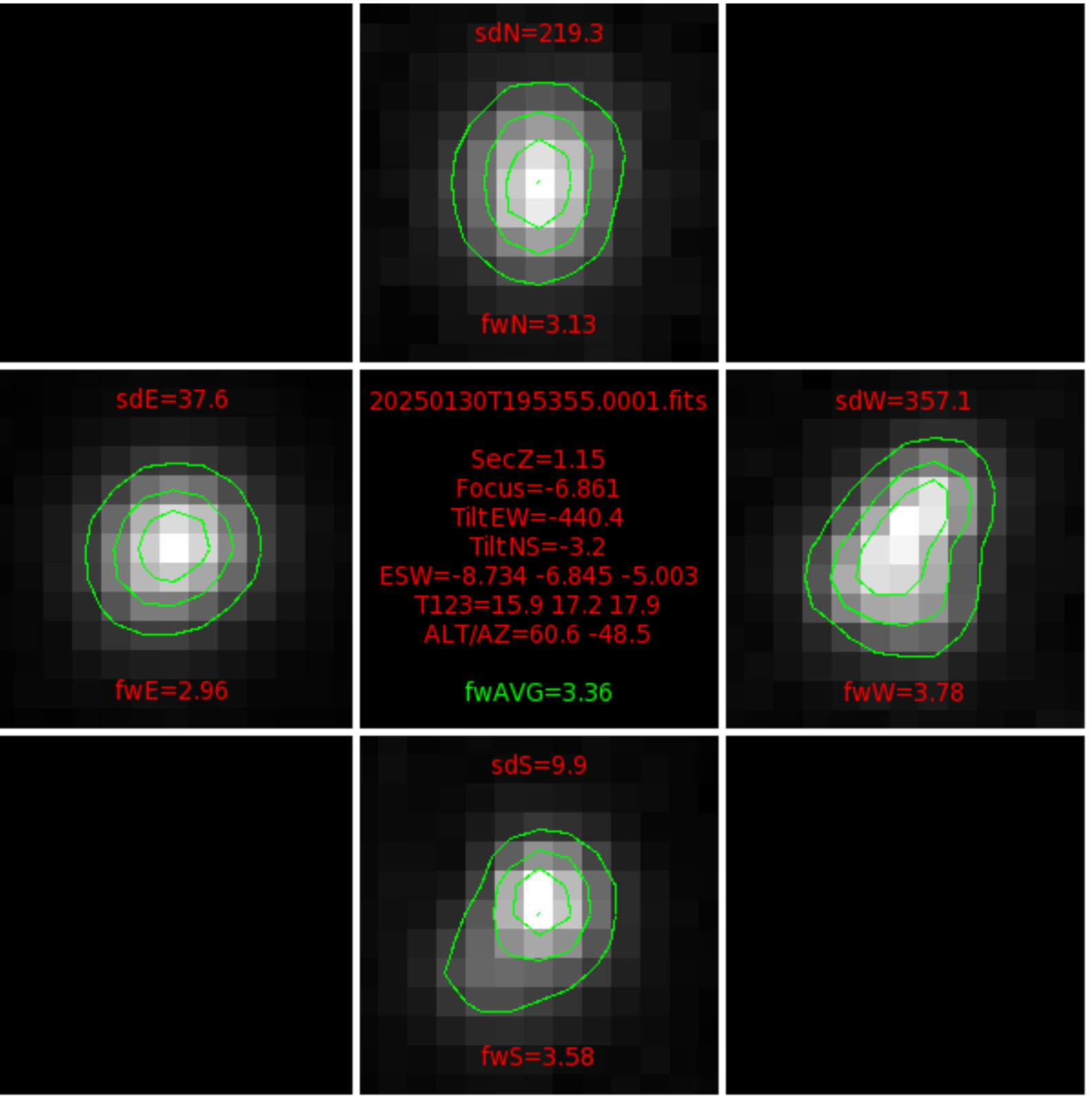
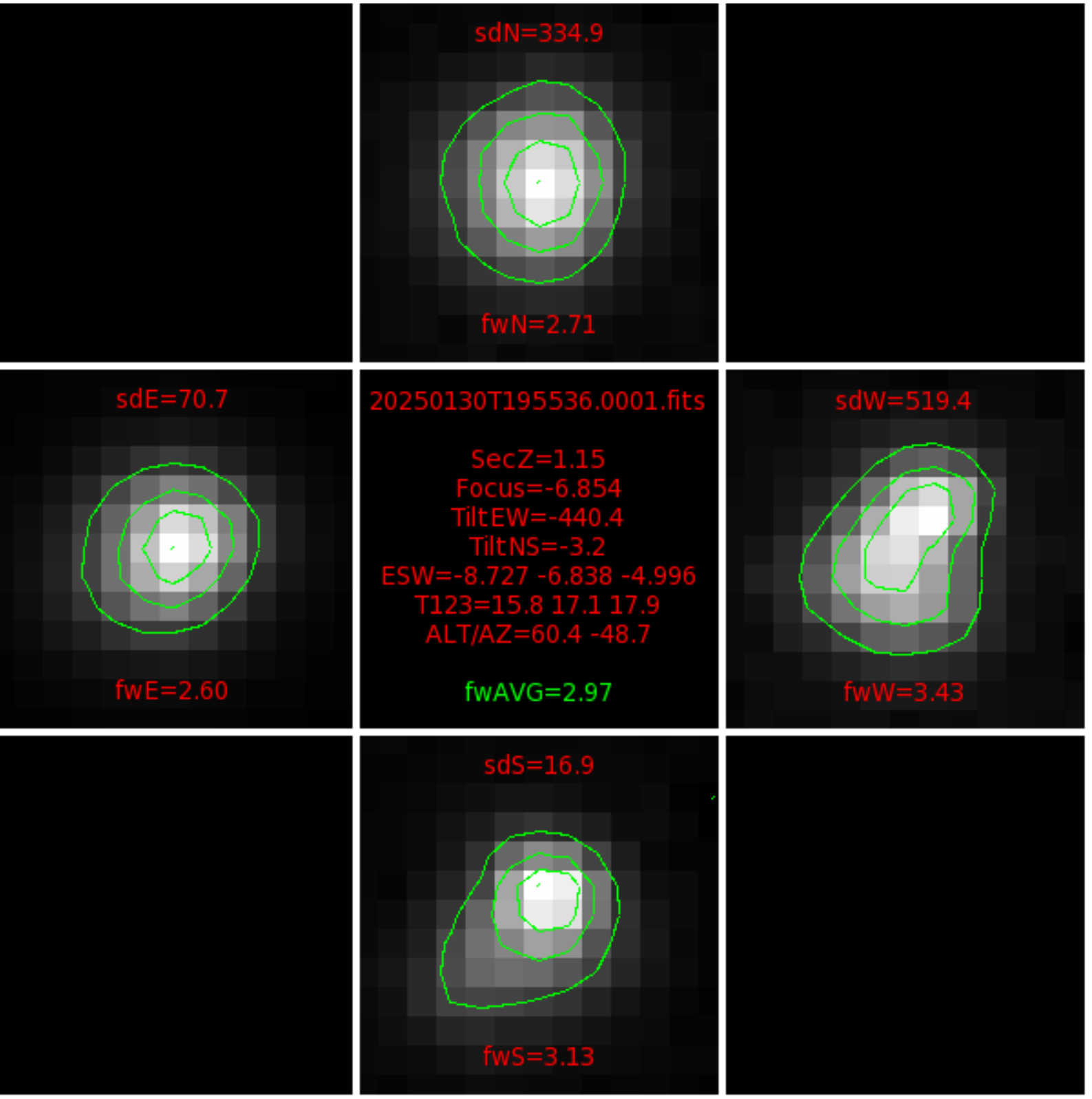

sdN=219.3
fwN=3.13
sdE=37.6
fwE=2.96
20250130T195355.0001.fits
SecZ=1.15
Focus=-6.861
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.734 -6.845 -5.003
T123=15.9 17.2 17.9
ALT/AZ=60.6 -48.5
fwAVG=3.36
sdW=357.1
fwW=3.78
sdS=9.9
fwS=3.58
0 0 0 0 0 0 0 0 0


sdN=334.9
fwN=2.71
sdE=70.7
fwE=2.60
20250130T195536.0001.fits
SecZ=1.15
Focus=-6.854
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.727 -6.838 -4.996
T123=15.8 17.1 17.9
ALT/AZ=60.4 -48.7
fwAVG=2.97
sdW=519.4
fwW=3.43
sdS=16.9
fwS=3.13
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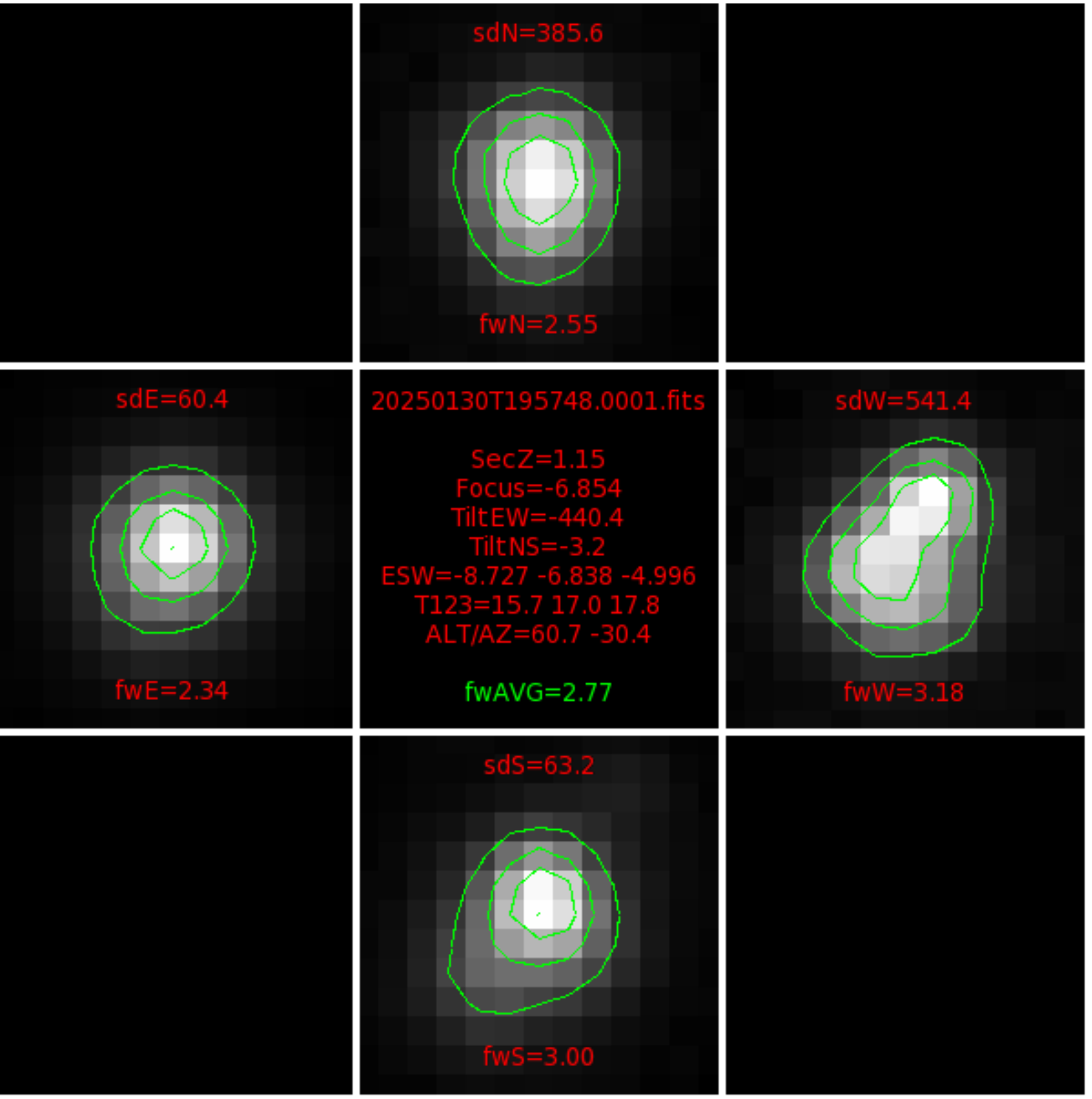
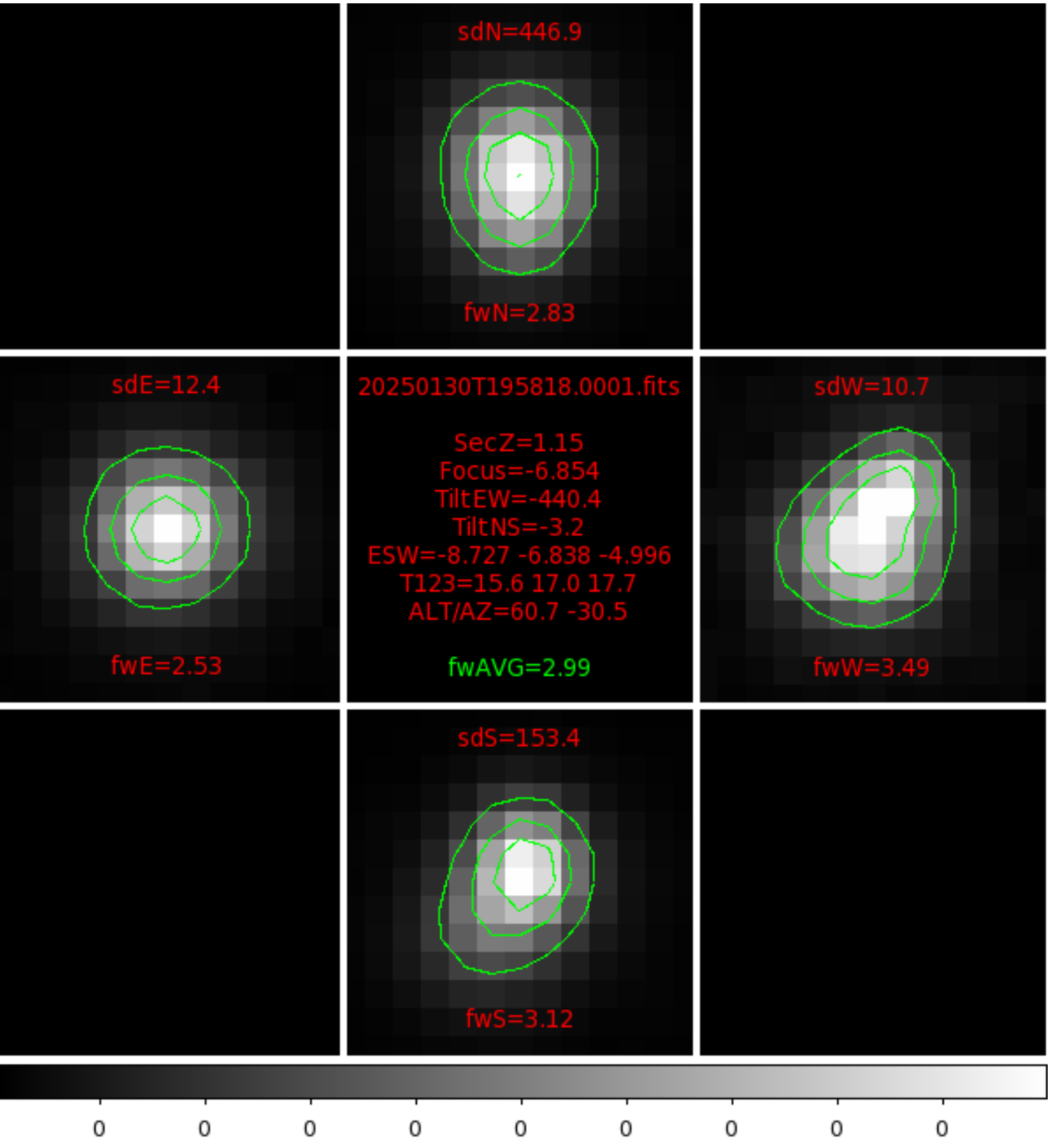

sdN=385.6
fwN=2.55
sdE=60.4
fwE=2.34
20250130T195748.0001.fits
SecZ=1.15
Focus=-6.854
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.727 -6.838 -4.996
T123=15.7 17.0 17.8
ALT/AZ=60.7 -30.4
fwAVG=2.77
sdW=541.4
fwW=3.18
sdS=63.2
fwS=3.00
0 0 0 0 0 0 0 0 0


sdN=446.9
fwN=2.83
sdE=12.4
fwE=2.53
20250130T195818.0001.fits
SecZ=1.15
Focus=-6.854
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.727 -6.838 -4.996
T123=15.6 17.0 17.7
ALT/AZ=60.7 -30.5
fwAVG=2.99
sdW=10.7
fwW=3.49
sdS=153.4
fwS=3.12
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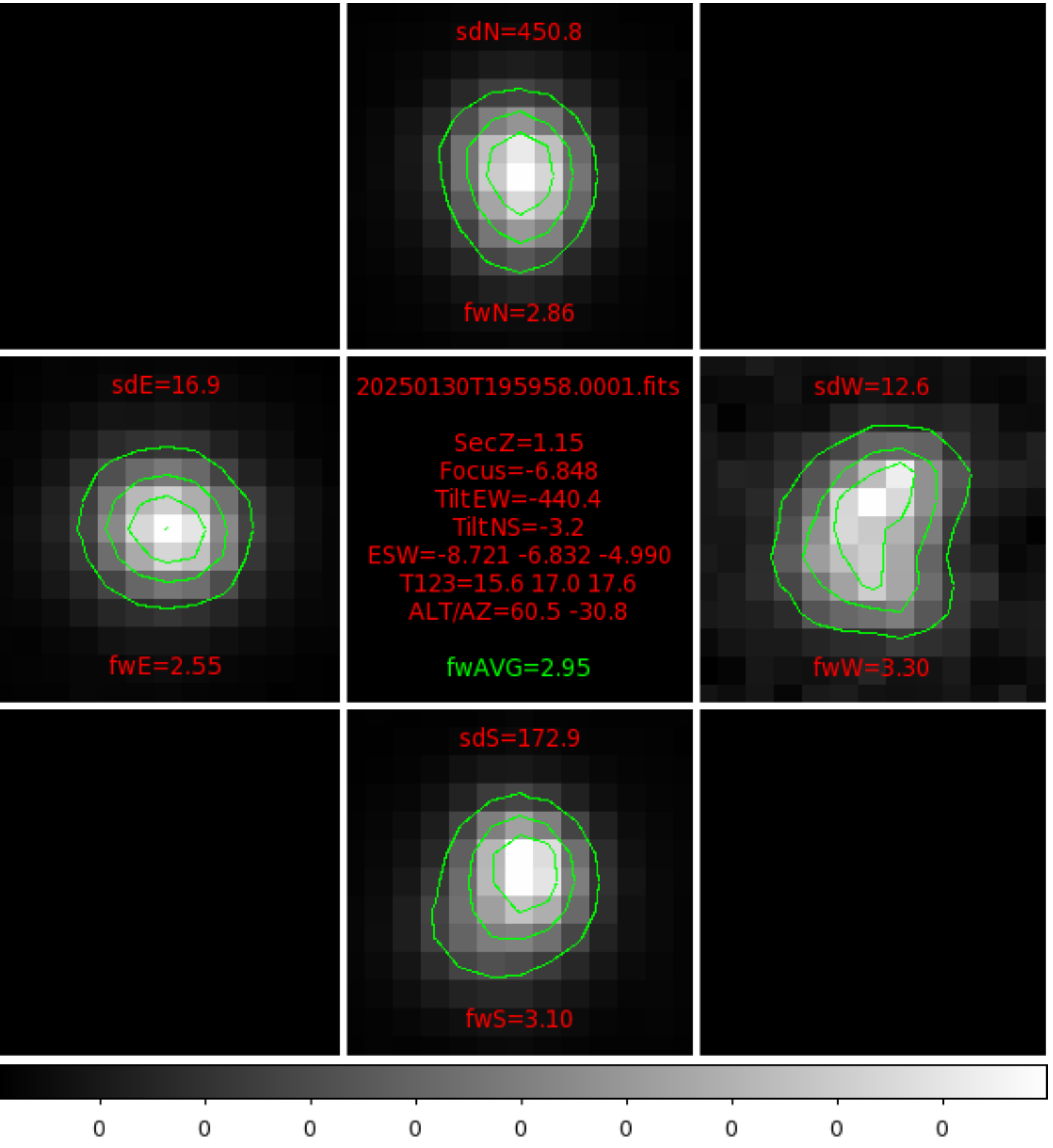
sdN=450.8
fwN=2.86
sdE=16.9
fwE=2.55
20250130T195958.0001.fits
SecZ=1.15
Focus=-6.848
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.721 -6.832 -4.990
T123=15.6 17.0 17.6
ALT/AZ=60.5 -30.8
fwAVG=2.95
sdW=12.6
fwW=3.30
sdS=172.9
fwS=3.10
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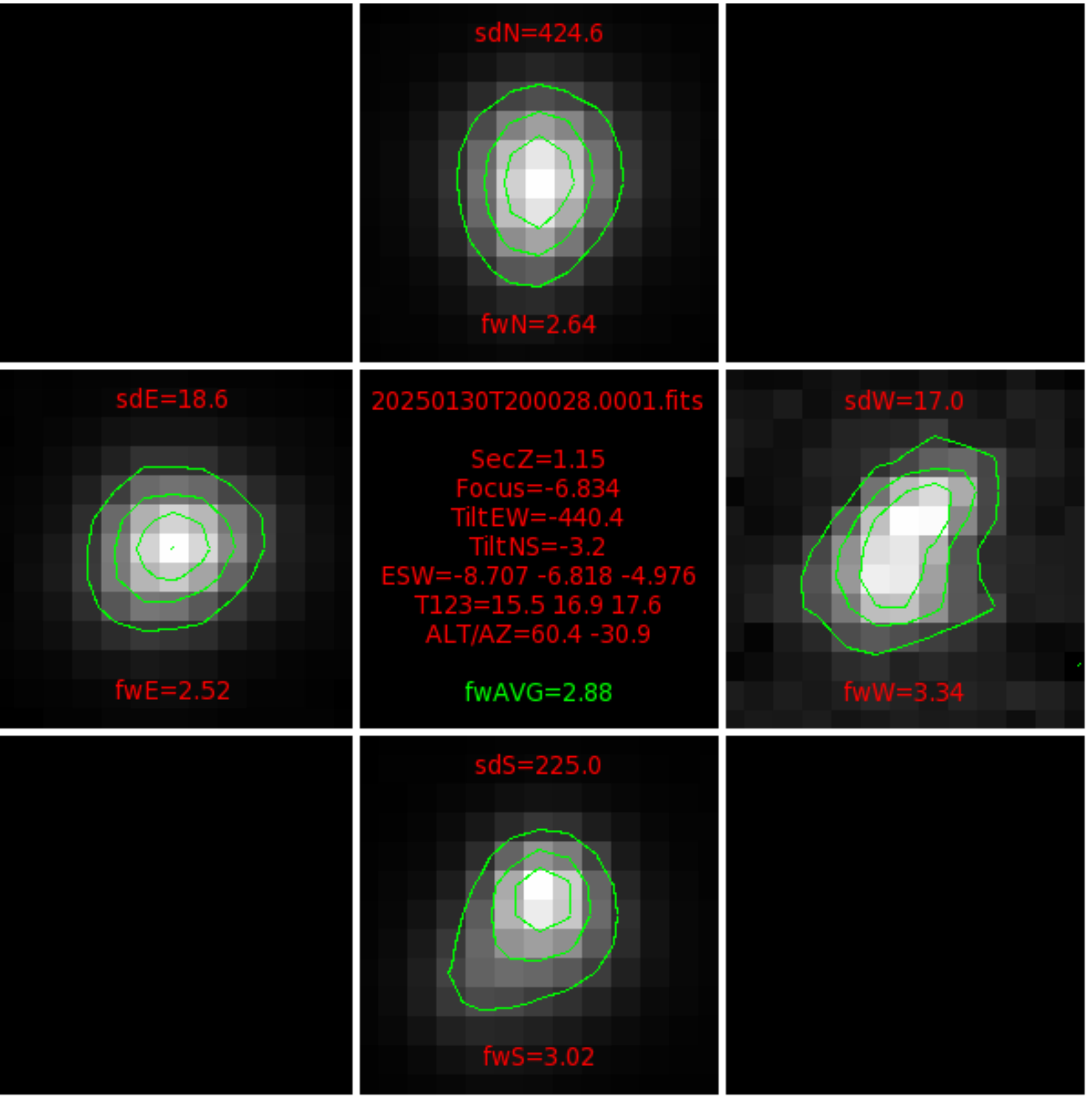
sdN=424.6
fwN=2.64
sdE=18.6
fwE=2.52
20250130T200028.0001.fits
SecZ=1.15
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.5 16.9 17.6
ALT/AZ=60.4 -30.9
fwAVG=2.88
sdW=17.0
fwW=3.34
sdS=225.0
fwS=3.02
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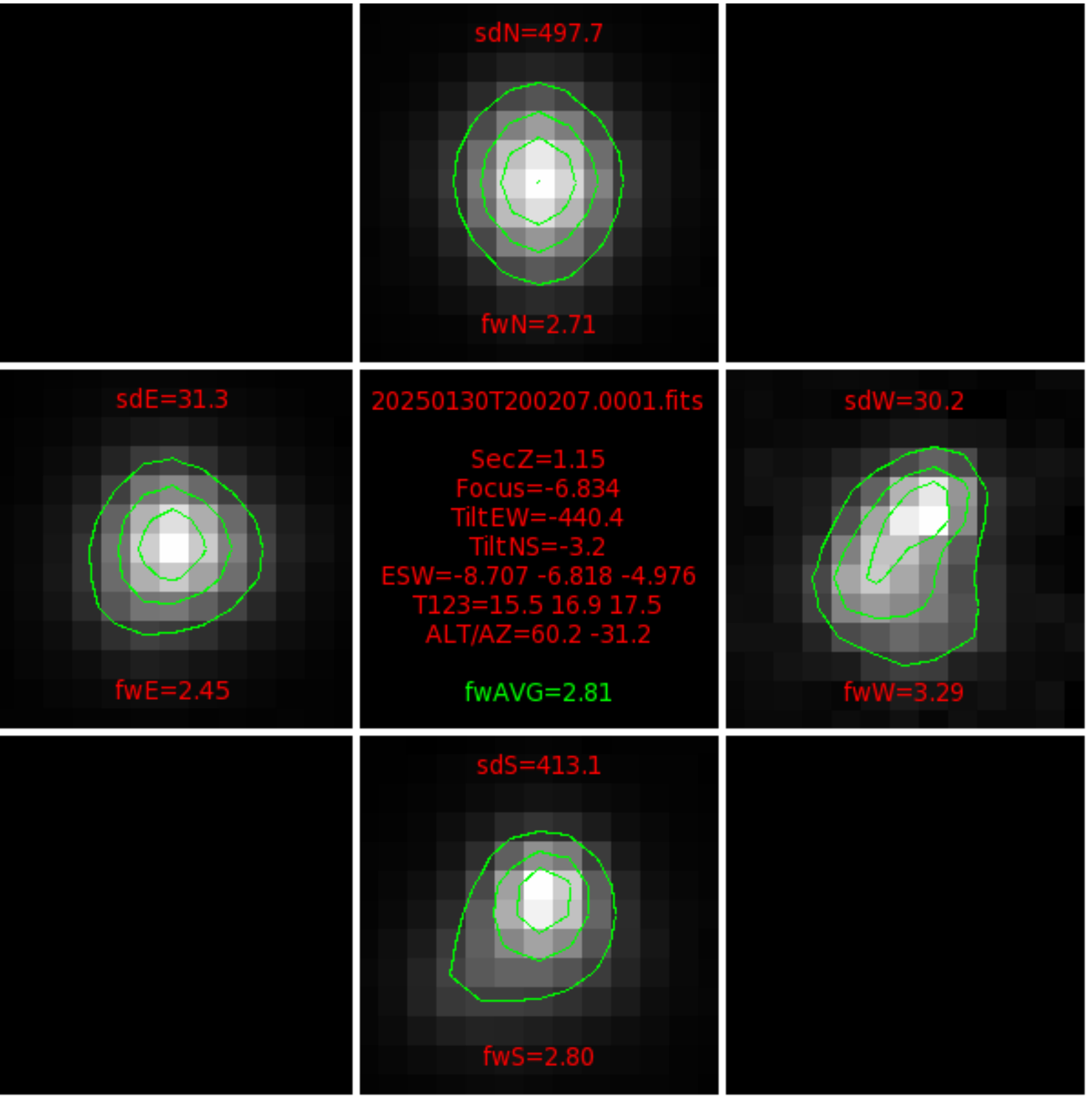
sdN=497.7
fwN=2.71
sdE=31.3
fwE=2.45
20250130T200207.0001.fits
SecZ=1.15
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.5 16.9 17.5
ALT/AZ=60.2 -31.2
fwAVG=2.81
sdW=30.2
fwW=3.29
sdS=413.1
fwS=2.80
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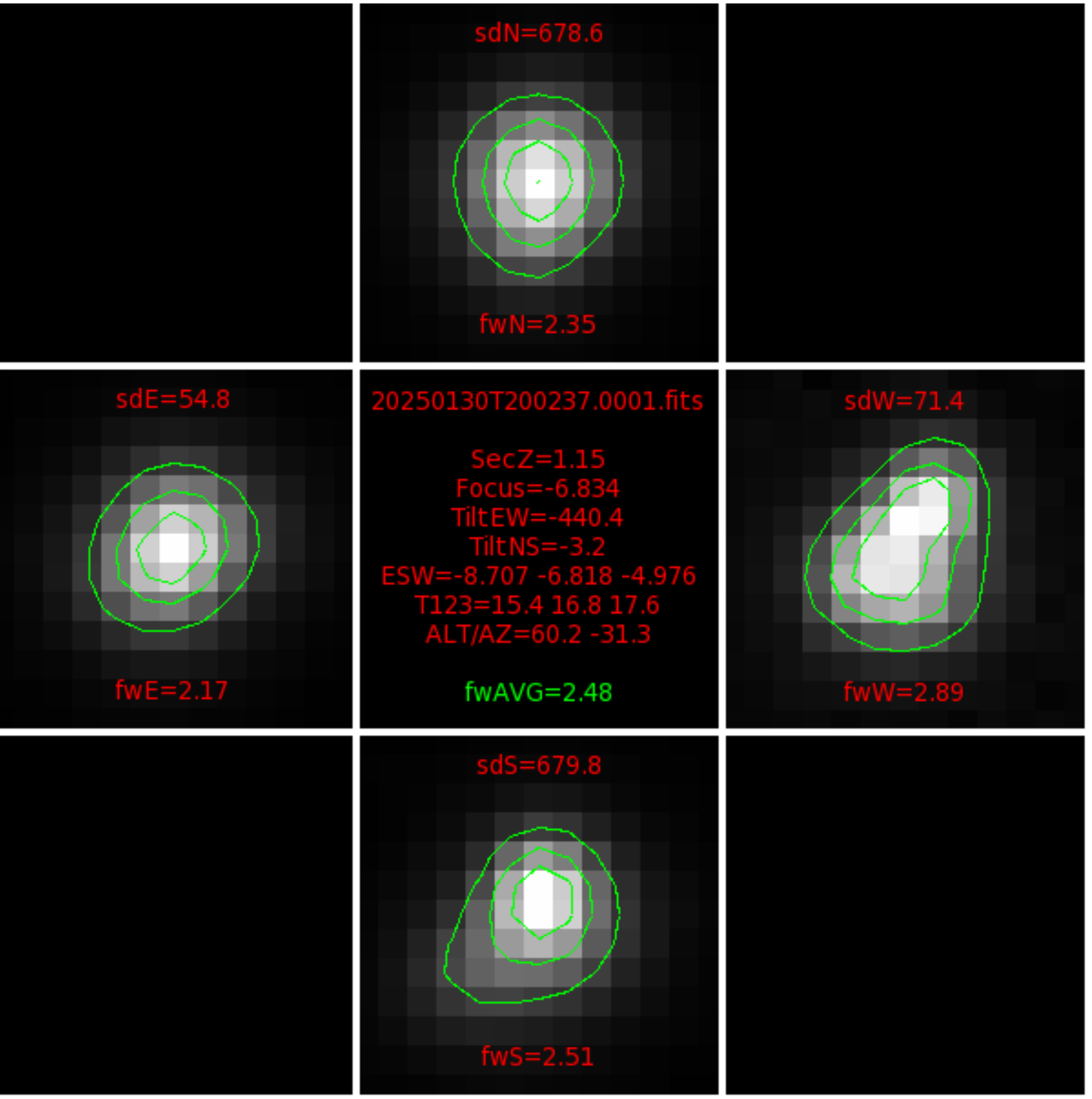
sdN=678.6
fwN=2.35
sdE=54.8
fwE=2.17
20250130T200237.0001.fits
SecZ=1.15
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.4 16.8 17.6
ALT/AZ=60.2 -31.3
fwAVG=2.48
sdW=71.4
fwW=2.89
sdS=679.8
fwS=2.51
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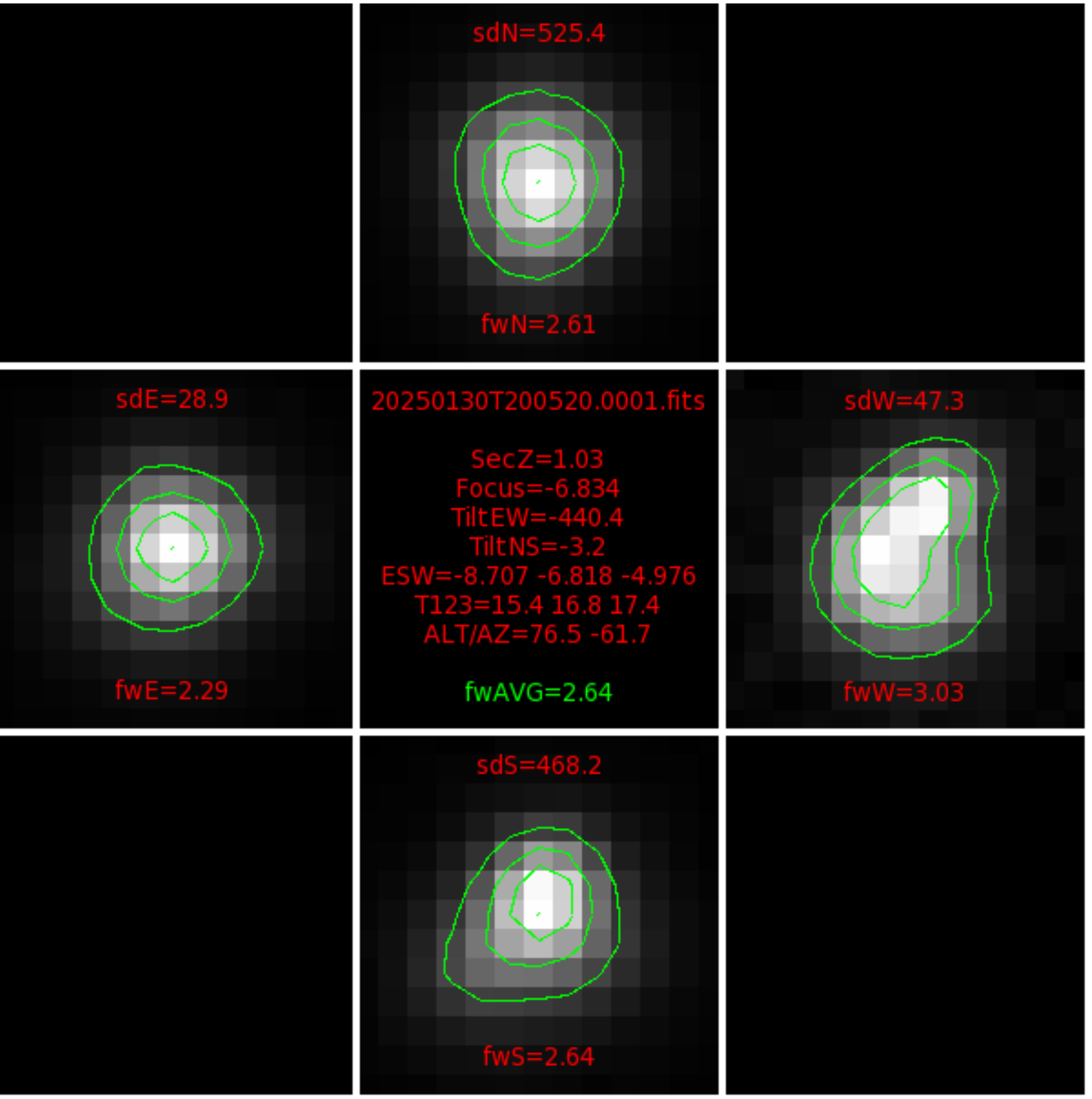
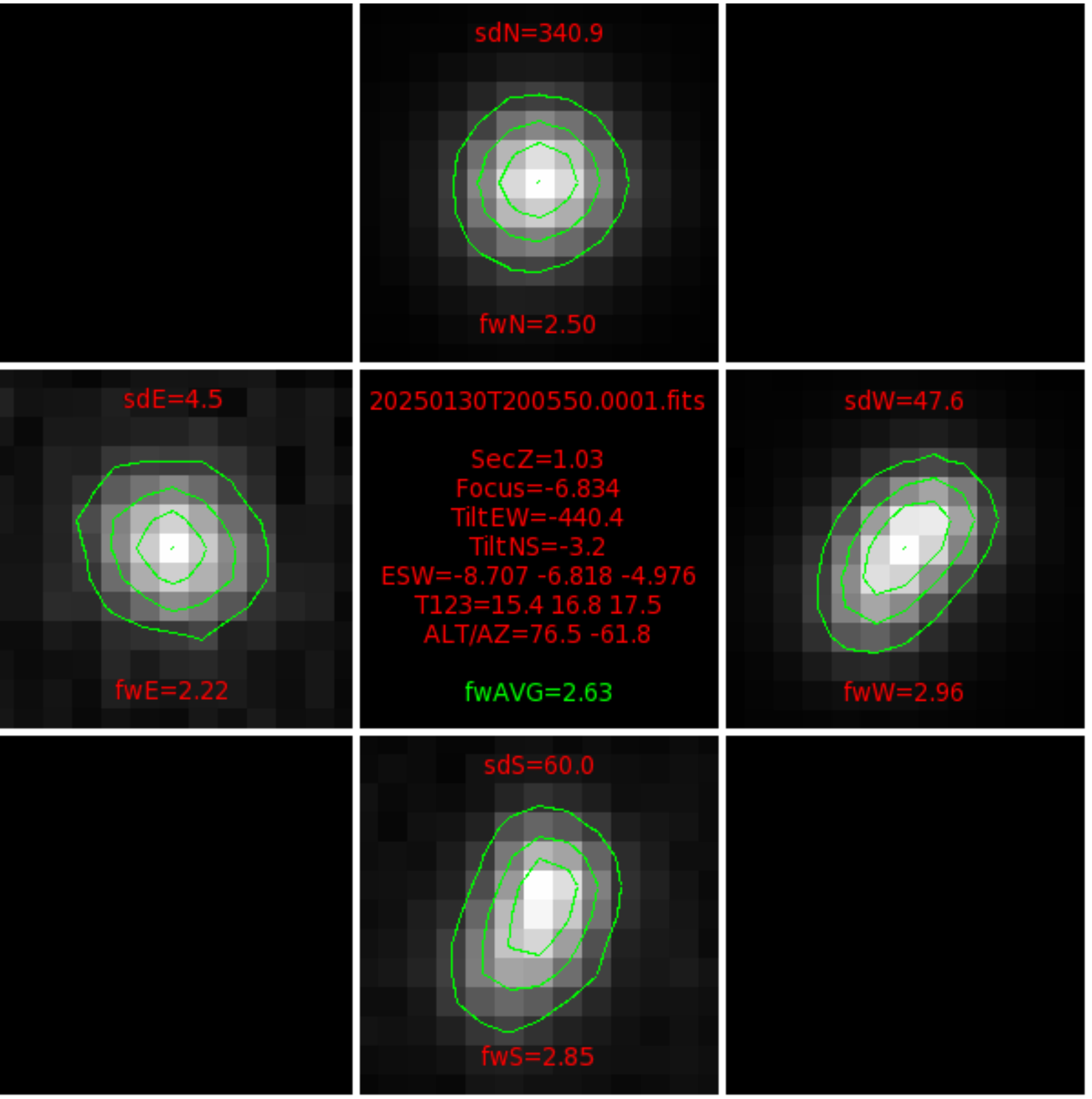
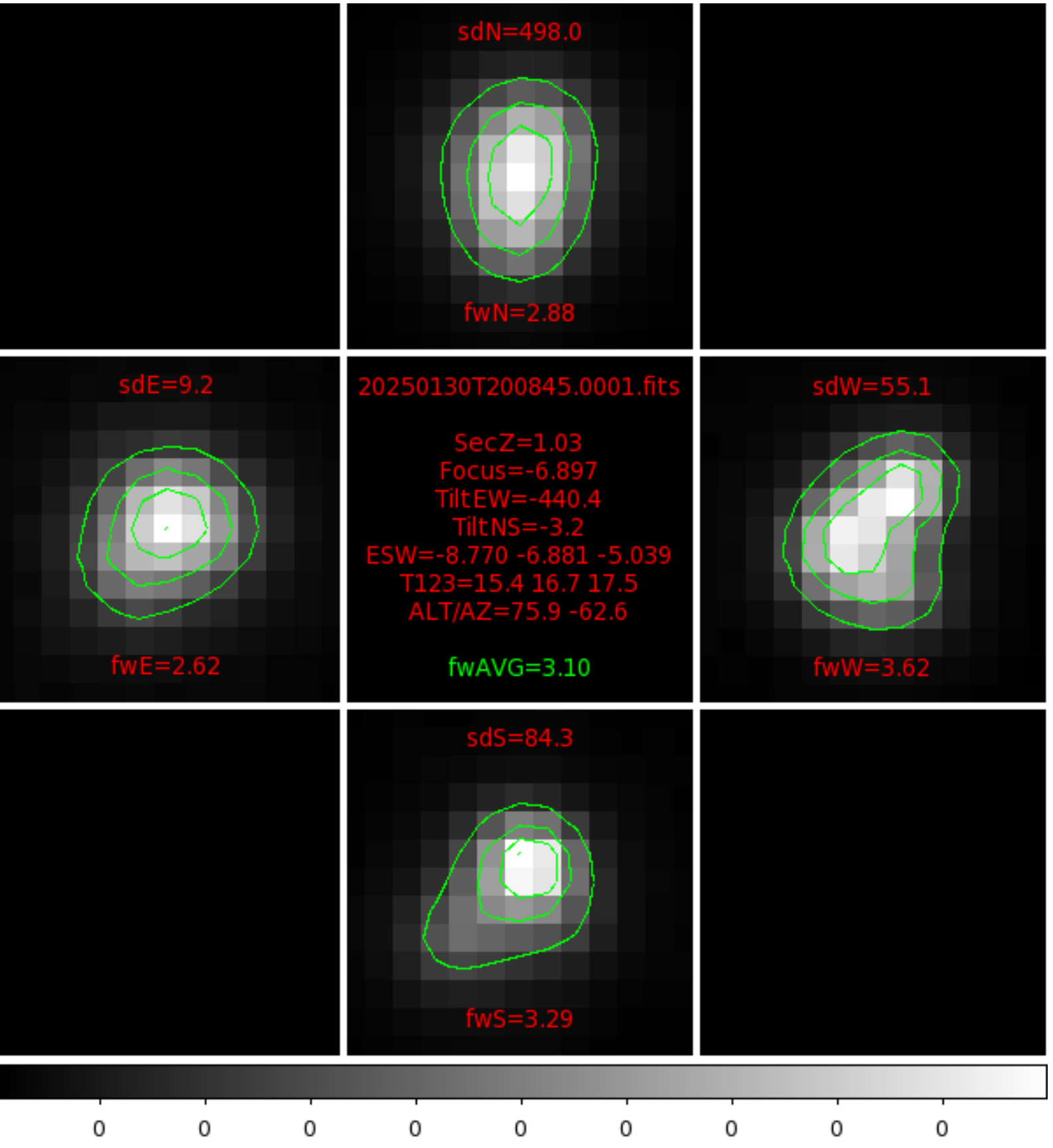

sdN=525.4
fwN=2.61
sdE=28.9
fwE=2.29
20250130T200520.0001.fits
SecZ=1.03
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.4 16.8 17.4
ALT/AZ=76.5 -61.7
fwAVG=2.64
sdW=47.3
fwW=3.03
sdS=468.2
fwS=2.64
0 0 0 0 0 0 0 0 0


sdN=340.9
fwN=2.50
sdE=4.5
fwE=2.22
20250130T200550.0001.fits
SecZ=1.03
Focus=-6.834
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.707 -6.818 -4.976
T123=15.4 16.8 17.5
ALT/AZ=76.5 -61.8
fwAVG=2.63
sdW=47.6
fwW=2.96
sdS=60.0
fwS=2.85
0 0 0 0 0 0 0 0 0


sdN=498.0
fwN=2.88
sdE=9.2
fwE=2.62
20250130T200845.0001.fits
SecZ=1.03
Focus=-6.897
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.770 -6.881 -5.039
T123=15.4 16.7 17.5
ALT/AZ=75.9 -62.6
fwAVG=3.10
sdW=55.1
fwW=3.62
sdS=84.3
fwS=3.29
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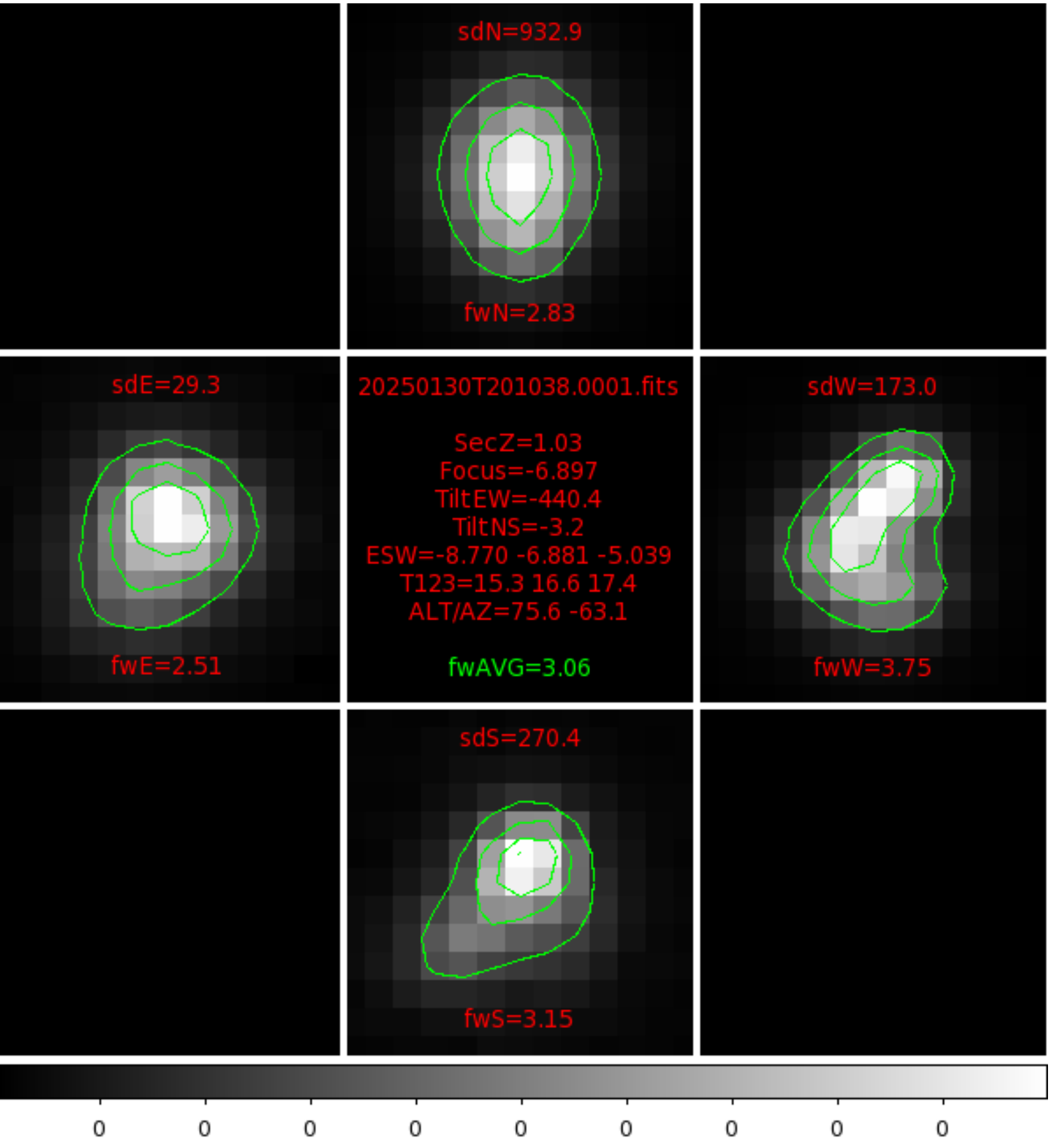
sdN=932.9
fwN=2.83
sdE=29.3
fwE=2.51
20250130T201038.0001.fits
SecZ=1.03
Focus=-6.897
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.770 -6.881 -5.039
T123=15.3 16.6 17.4
ALT/AZ=75.6 -63.1
fwAVG=3.06
sdW=173.0
fwW=3.75
sdS=270.4
fwS=3.15
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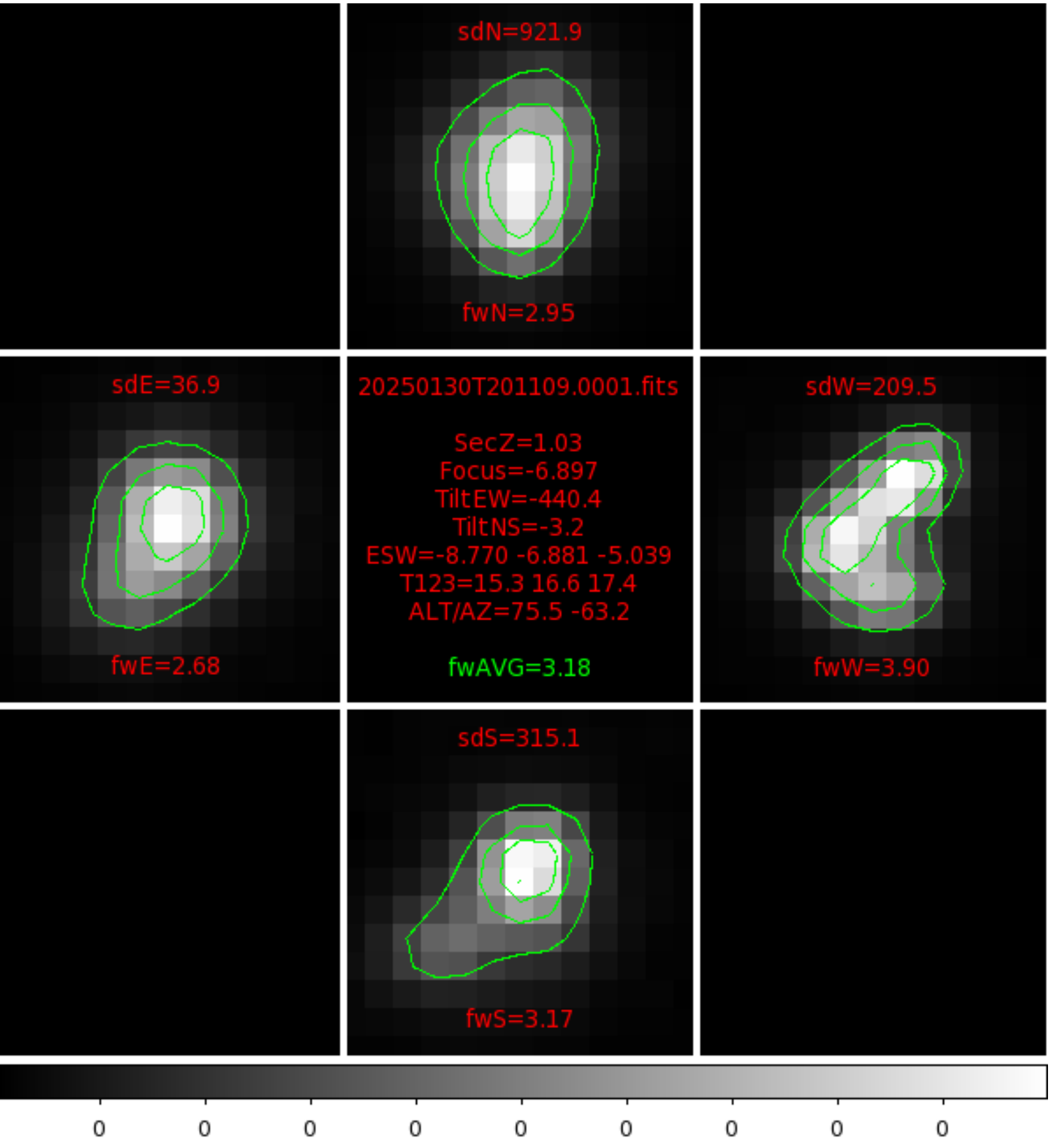
sdN=921.9
fwN=2.95
sdE=36.9
fwE=2.68
20250130T201109.0001.fits
SecZ=1.03
Focus=-6.897
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.770 -6.881 -5.039
T123=15.3 16.6 17.4
ALT/AZ=75.5 -63.2
fwAVG=3.18
sdW=209.5
fwW=3.90
sdS=315.1
fwS=3.17
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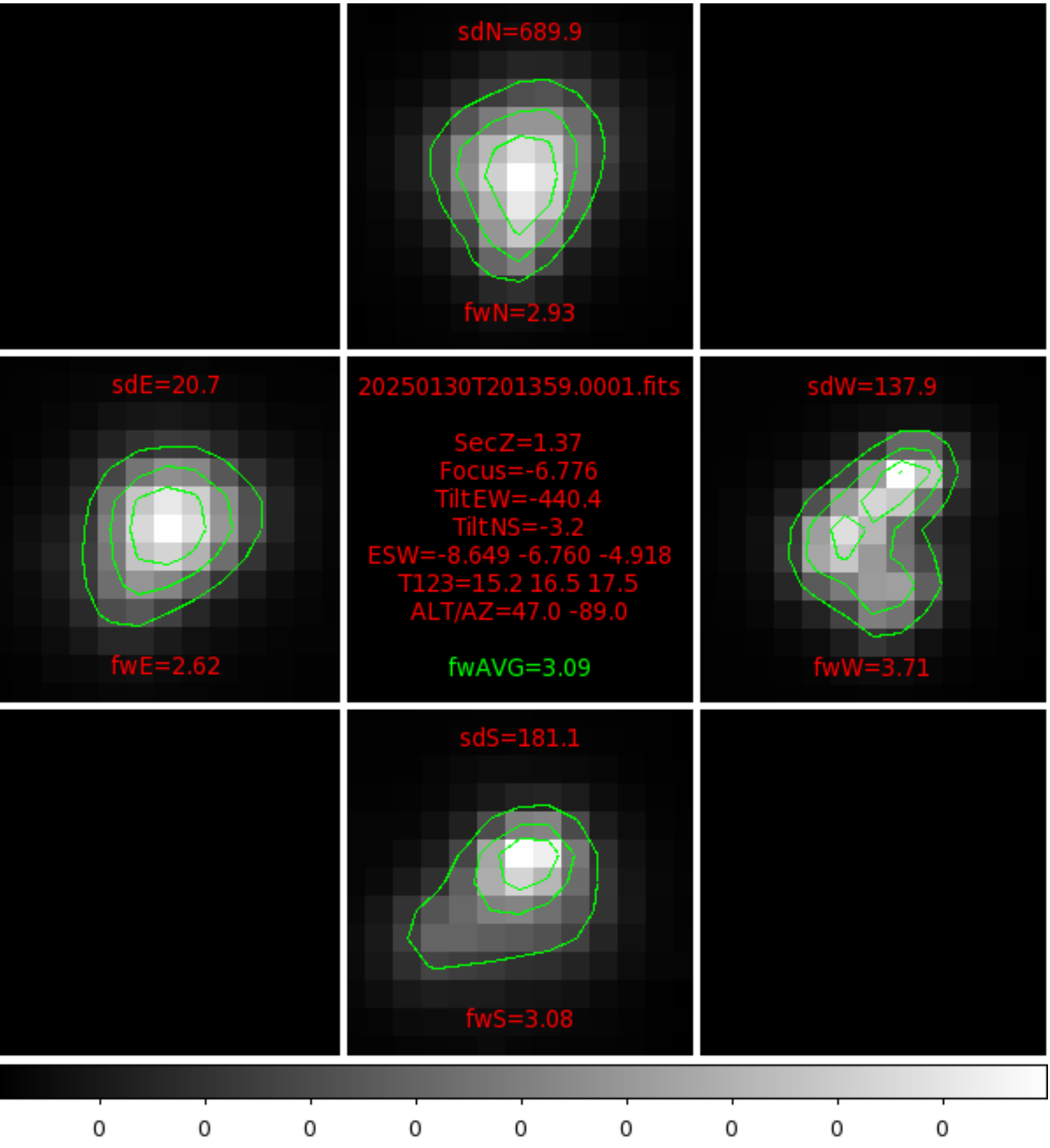
sdN=689.9
fwN=2.93
sdE=20.7
fwE=2.62
20250130T201359.0001.fits
SecZ=1.37
Focus=-6.776
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.649 -6.760 -4.918
T123=15.2 16.5 17.5
ALT/AZ=47.0 -89.0
fwAVG=3.09
sdW=137.9
fwW=3.71
sdS=181.1
fwS=3.08
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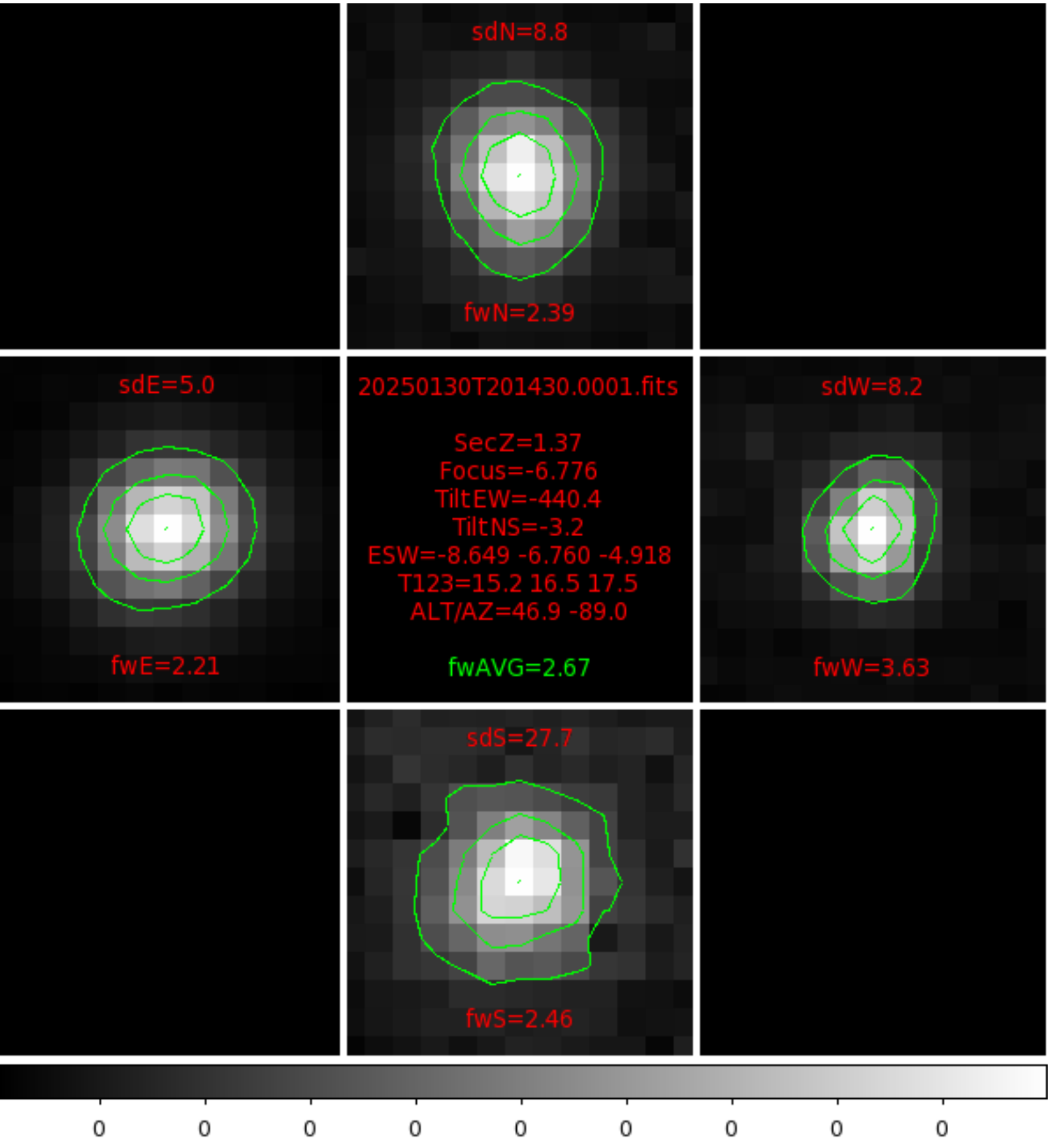
sdN=8.8
fwN=2.39
sdE=5.0
fwE=2.21
20250130T201430.0001.fits
SecZ=1.37
Focus=-6.776
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.649 -6.760 -4.918
T123=15.2 16.5 17.5
ALT/AZ=46.9 -89.0
fwAVG=2.67
sdW=8.2
fwW=3.63
sdS=27.7
fwS=2.46
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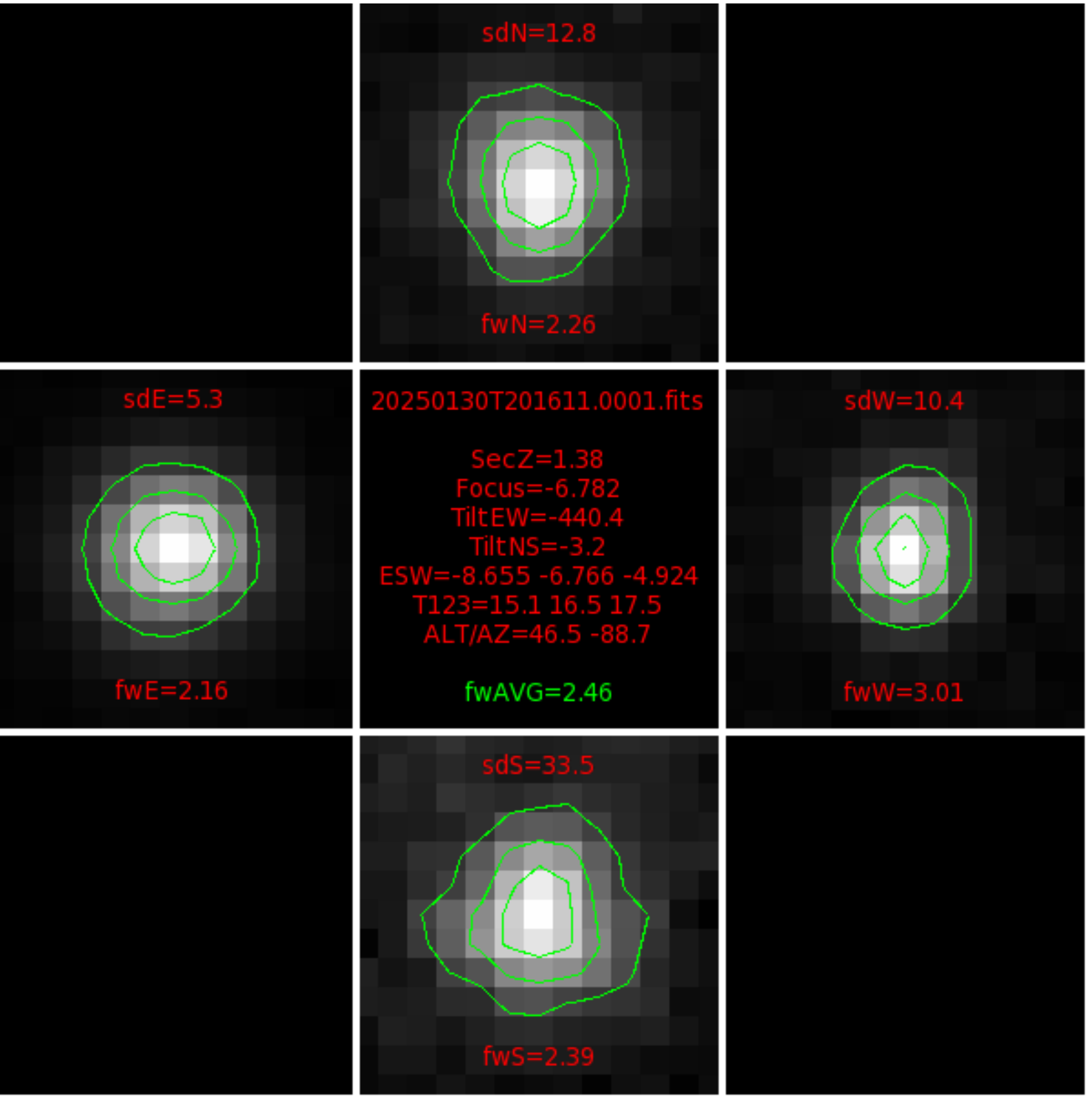
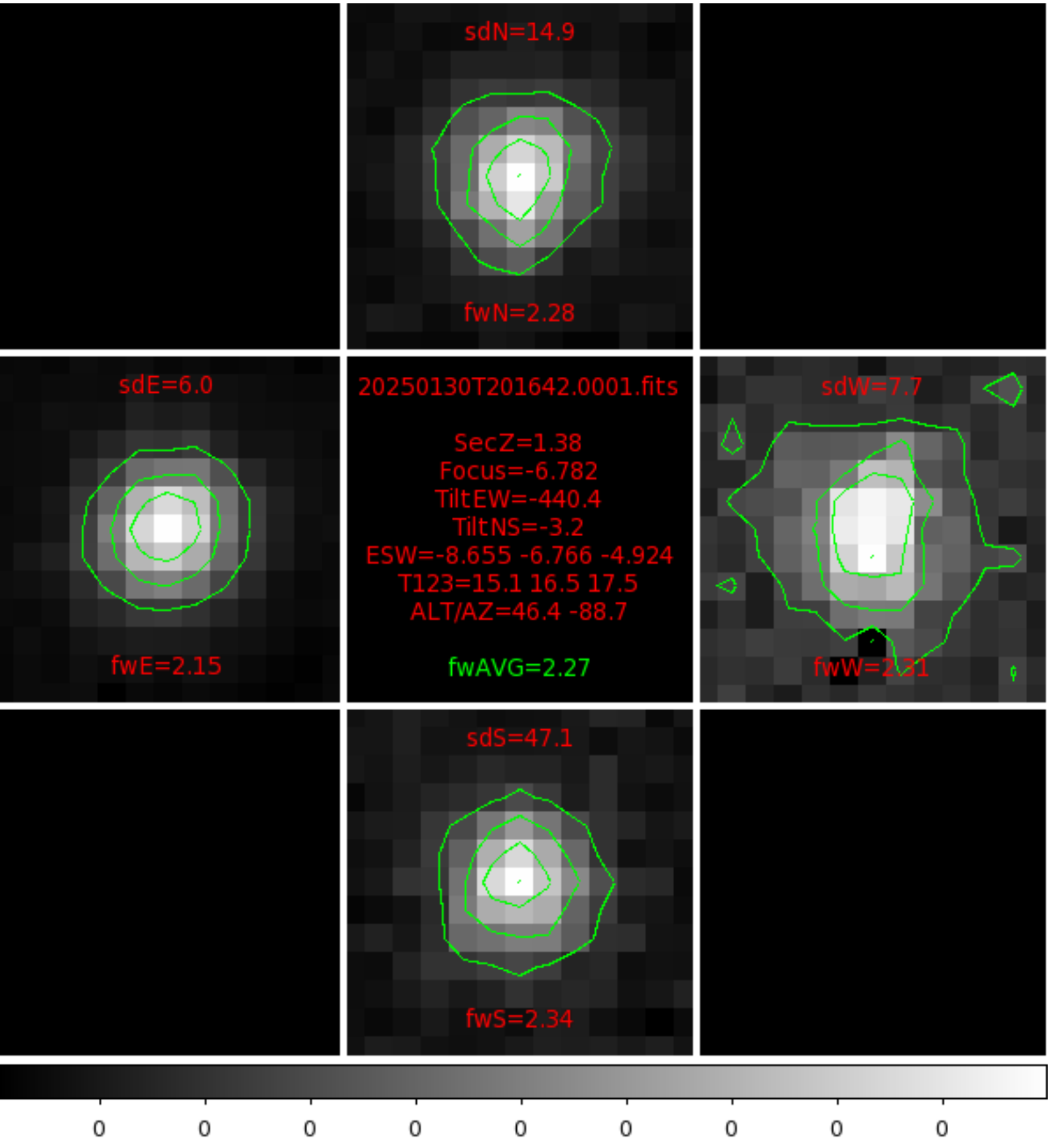
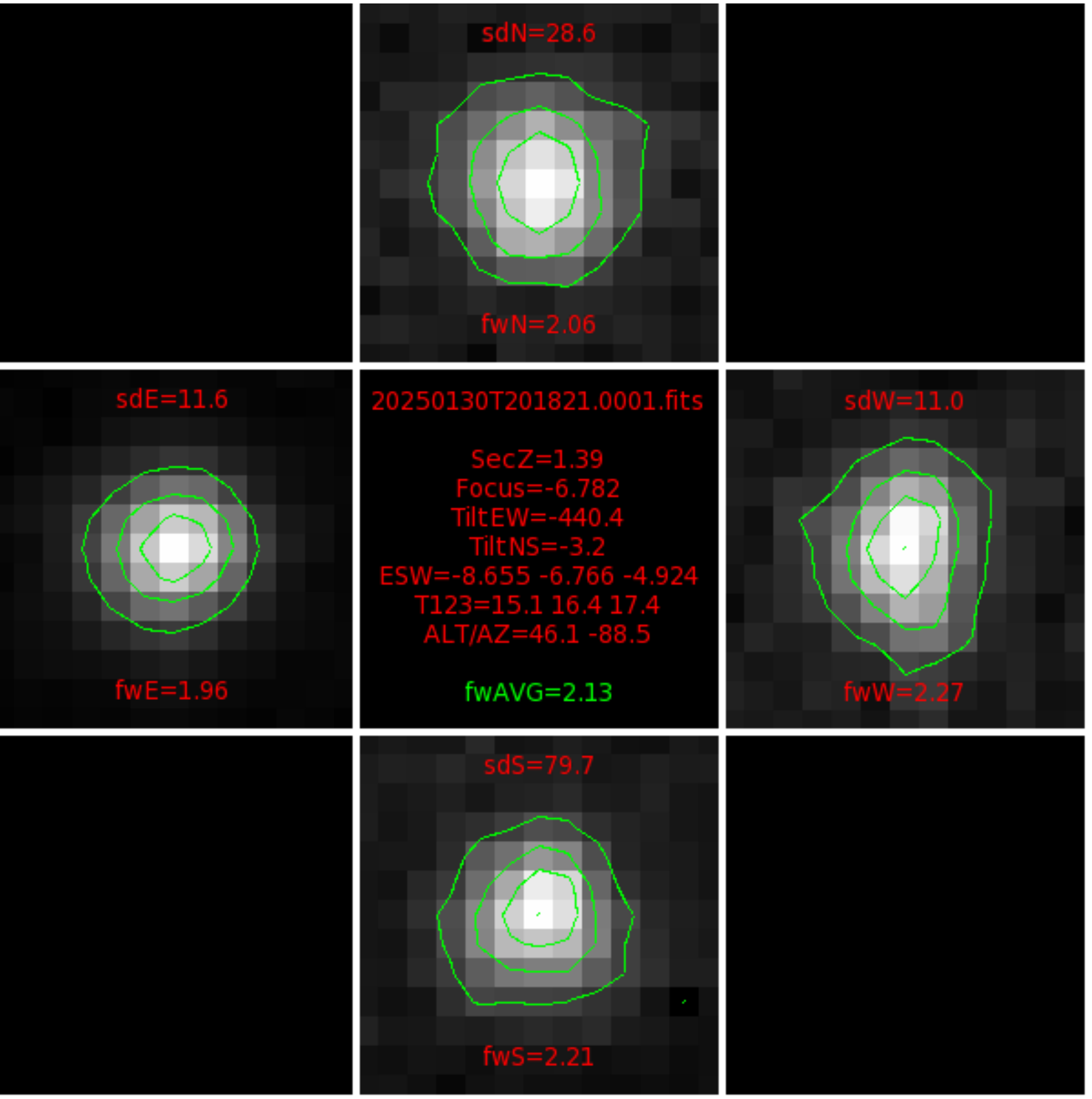

sdN=12.8
fwN=2.26
sdE=5.3
fwE=2.16
20250130T201611.0001.fits
SecZ=1.38
Focus=-6.782
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.655 -6.766 -4.924
T123=15.1 16.5 17.5
ALT/AZ=46.5 -88.7
fwAVG=2.46
sdW=10.4
fwW=3.01
sdS=33.5
fwS=2.39
0 0 0 0 0 0 0 0 0


sdN=14.9
fwN=2.28
sdE=6.0
fwE=2.15
20250130T201642.0001.fits
SecZ=1.38
Focus=-6.782
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.655 -6.766 -4.924
T123=15.1 16.5 17.5
ALT/AZ=46.4 -88.7
fwAVG=2.27
sdW=7.7
fwW=2.31
sdS=47.1
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=28.6
fwN=2.06
sdE=11.6
fwE=1.96
20250130T201821.0001.fits
SecZ=1.39
Focus=-6.782
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.655 -6.766 -4.924
T123=15.1 16.4 17.4
ALT/AZ=46.1 -88.5
fwAVG=2.13
sdW=11.0
fwW=2.27
sdS=79.7
fwS=2.21
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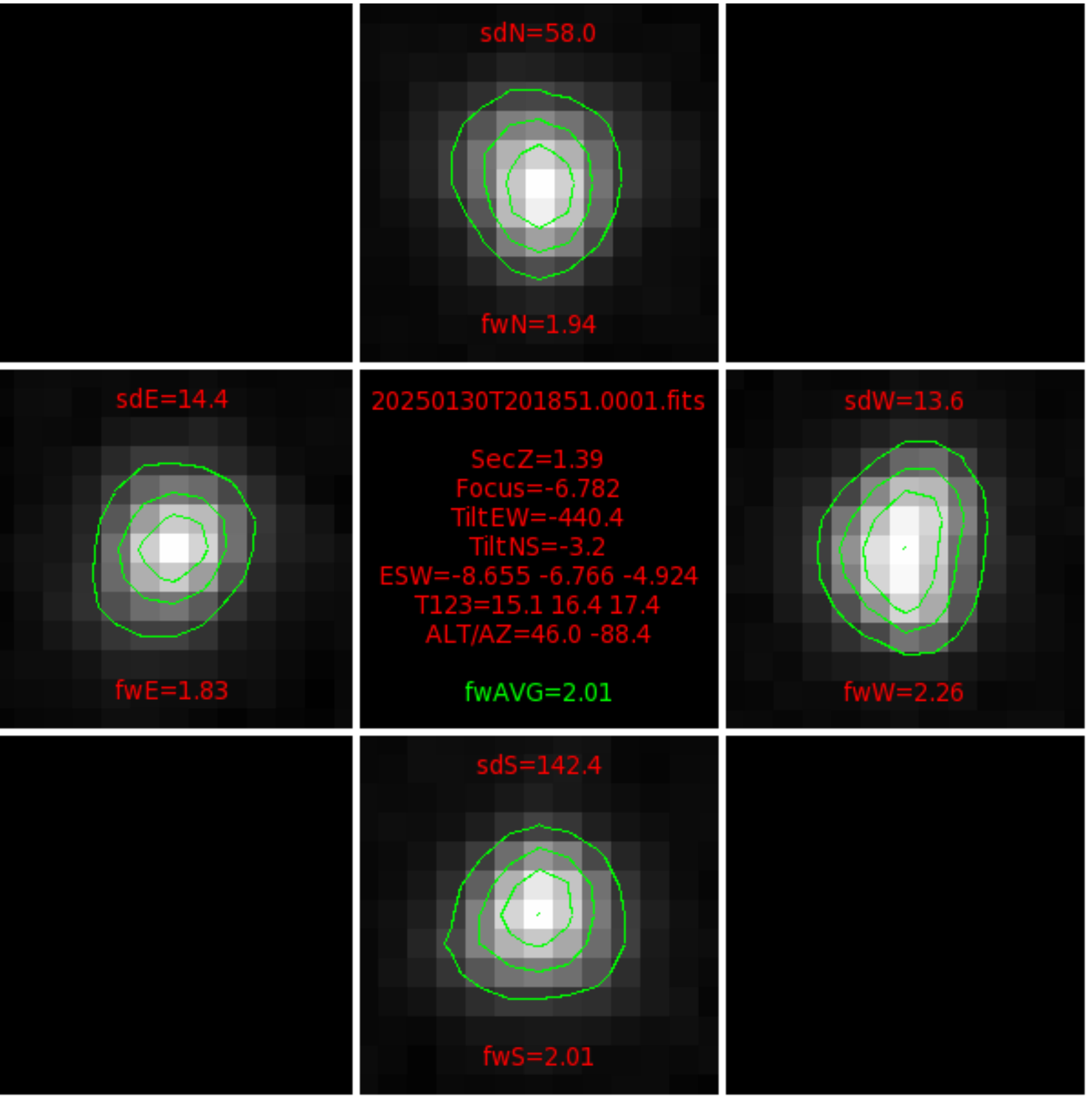
sdN=58.0
fwN=1.94
sdE=14.4
fwE=1.83
20250130T201851.0001.fits
SecZ=1.39
Focus=-6.782
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.655 -6.766 -4.924
T123=15.1 16.4 17.4
ALT/AZ=46.0 -88.4
fwAVG=2.01
sdW=13.6
fwW=2.26
sdS=142.4
fwS=2.01
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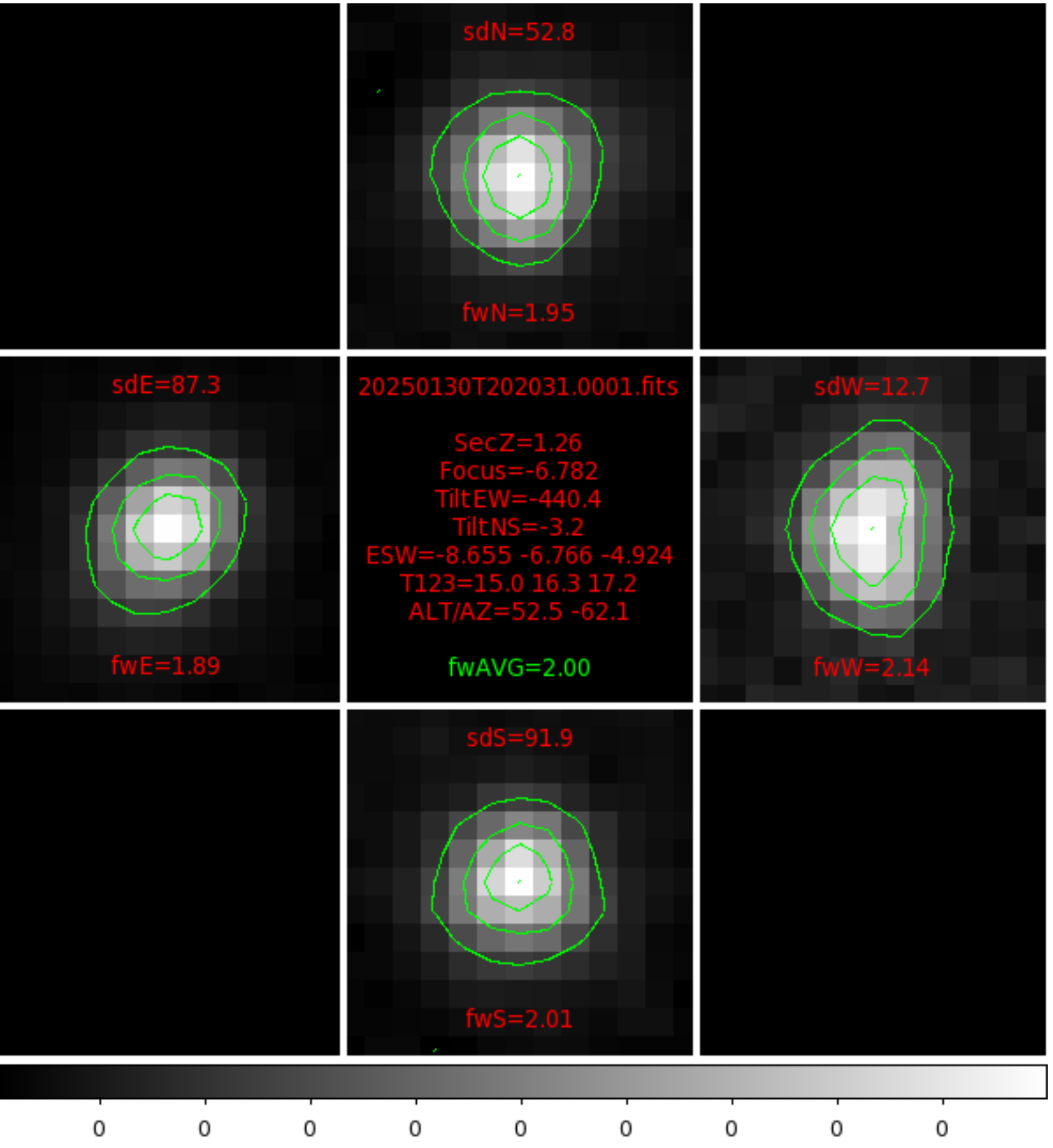
sdN=52.8
fwN=1.95
sdE=87.3
fwE=1.89
20250130T202031.0001.fits
SecZ=1.26
Focus=-6.782
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.655 -6.766 -4.924
T123=15.0 16.3 17.2
ALT/AZ=52.5 -62.1
fwAVG=2.00
sdW=12.7
fwW=2.14
sdS=91.9
fwS=2.01
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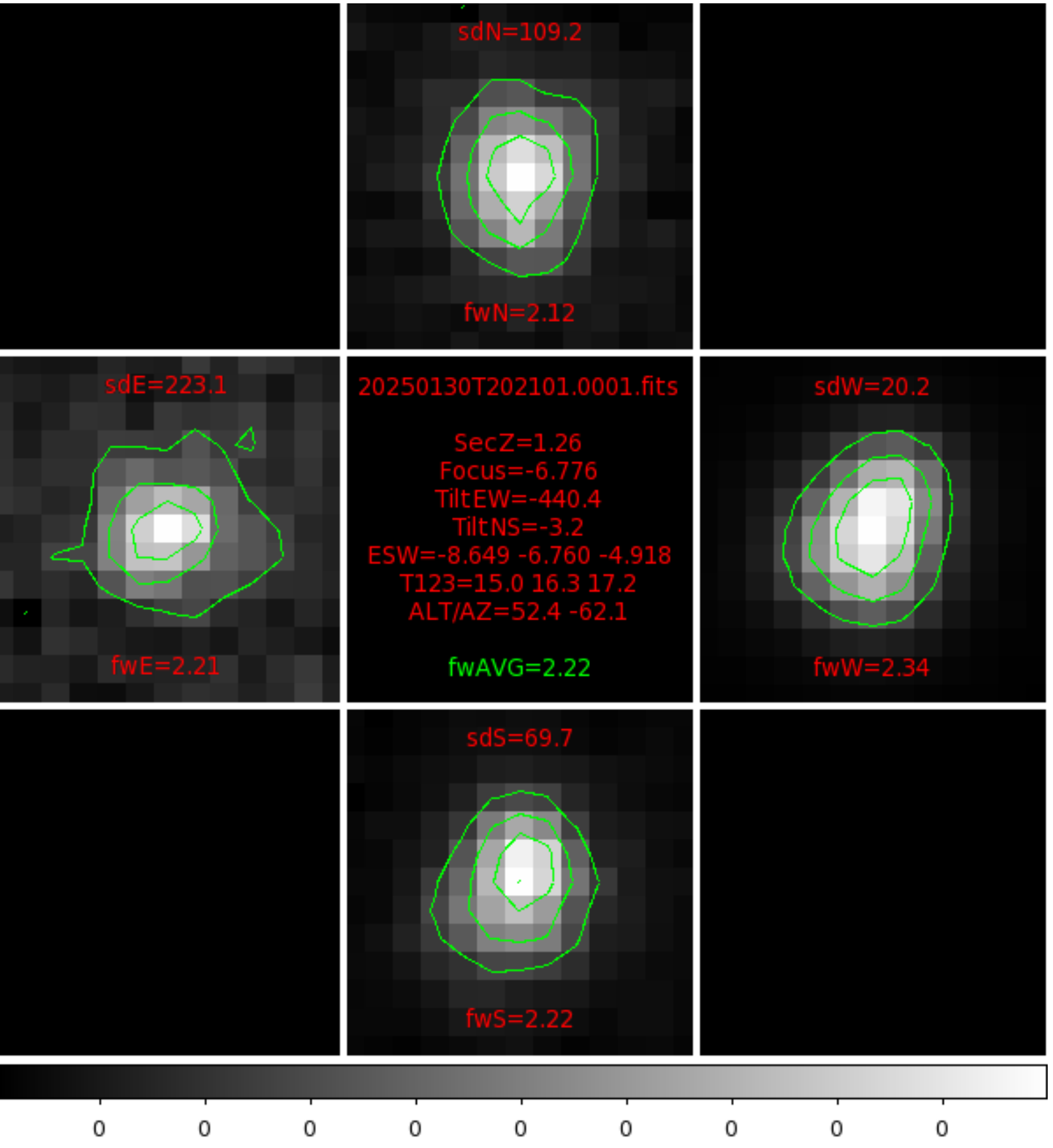
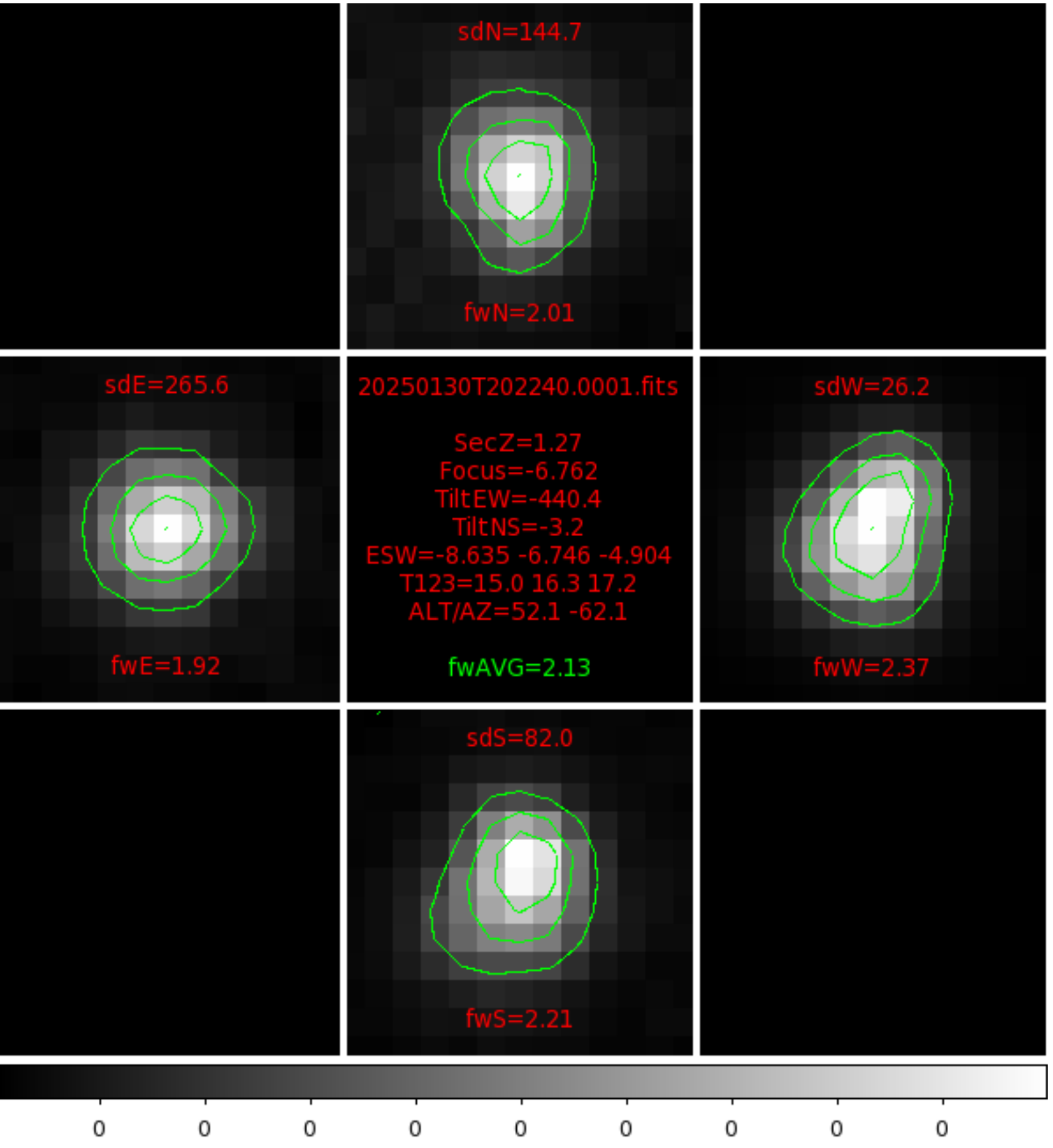

sdN=109.2
fwN=2.12
sdE=223.1
fwE=2.21
20250130T202101.0001.fits
SecZ=1.26
Focus=-6.776
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.649 -6.760 -4.918
T123=15.0 16.3 17.2
ALT/AZ=52.4 -62.1
fwAVG=2.22
sdW=20.2
fwW=2.34
sdS=69.7
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=144.7
fwN=2.01
sdE=265.6
fwE=1.92
20250130T202240.0001.fits
SecZ=1.27
Focus=-6.762
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.635 -6.746 -4.904
T123=15.0 16.3 17.2
ALT/AZ=52.1 -62.1
fwAVG=2.13
sdW=26.2
fwW=2.37
sdS=82.0
fwS=2.21
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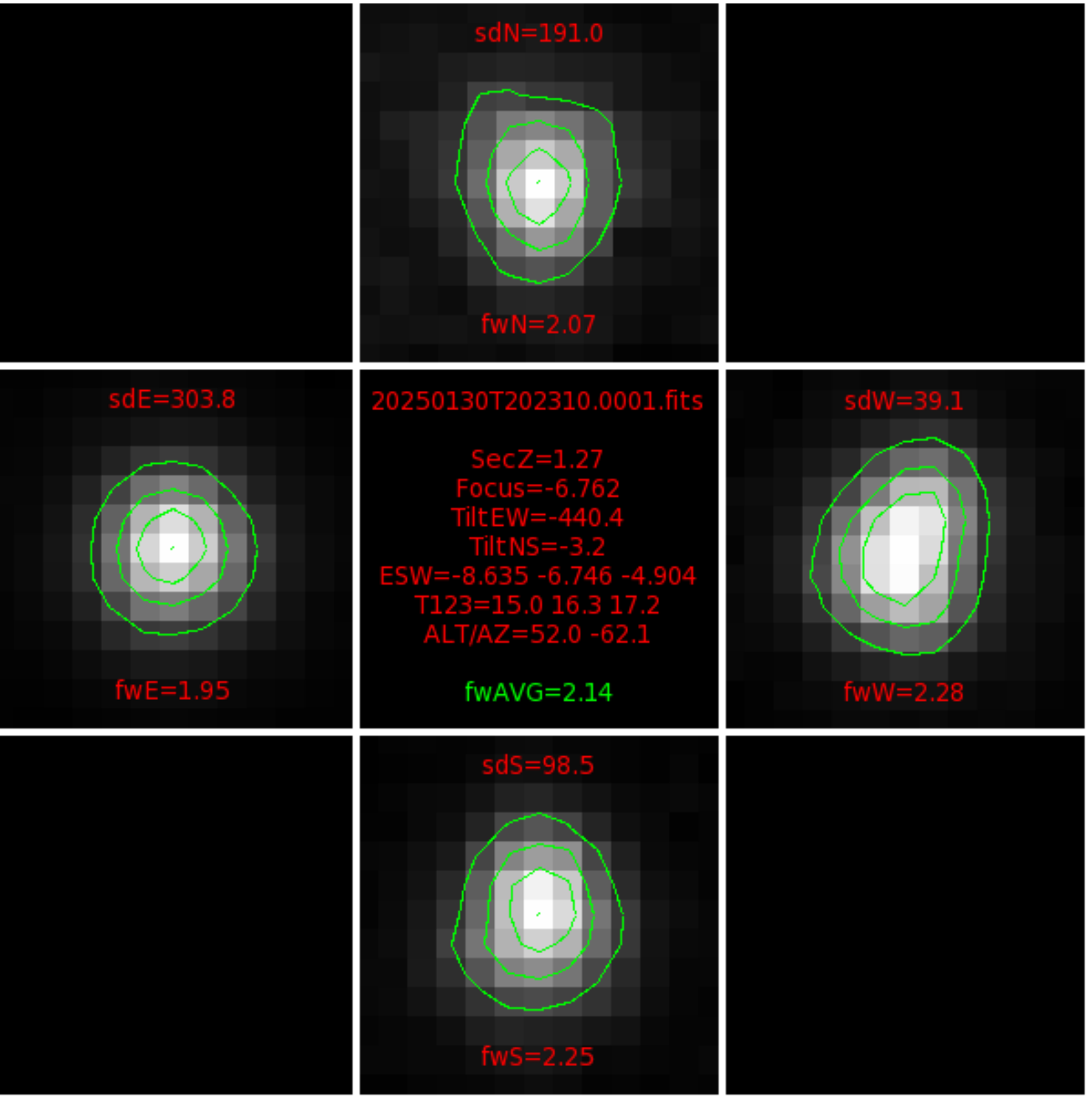
sdN=191.0
fwN=2.07
sdE=303.8
fwE=1.95
20250130T202310.0001.fits
SecZ=1.27
Focus=-6.762
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.635 -6.746 -4.904
T123=15.0 16.3 17.2
ALT/AZ=52.0 -62.1
fwAVG=2.14
sdW=39.1
fwW=2.28
sdS=98.5
fwS=2.25
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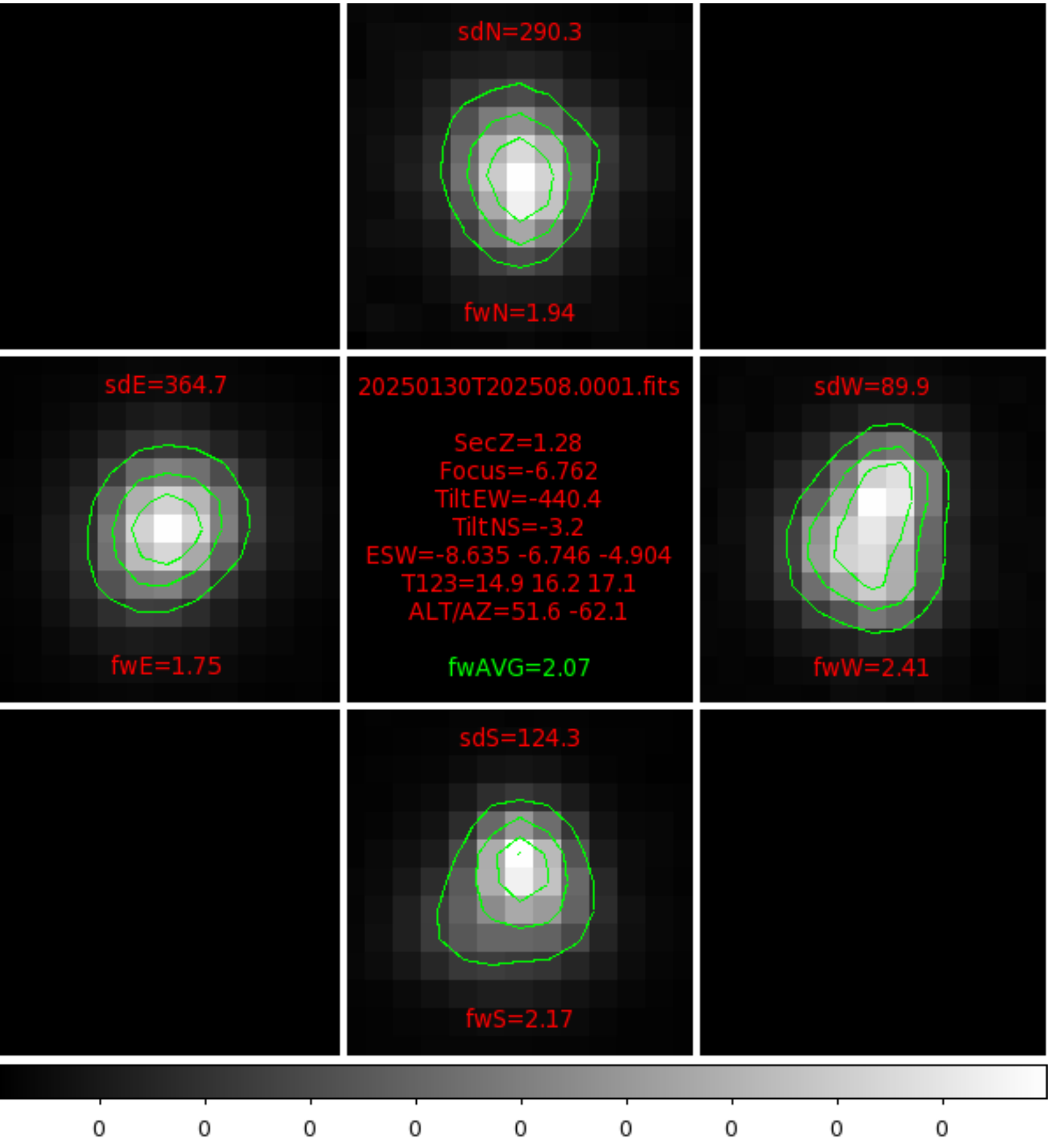
sdN=290.3
fwN=1.94
sdE=364.7
fwE=1.75
20250130T202508.0001.fits
SecZ=1.28
Focus=-6.762
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.635 -6.746 -4.904
T123=14.9 16.2 17.1
ALT/AZ=51.6 -62.1
fwAVG=2.07
sdW=89.9
fwW=2.41
sdS=124.3
fwS=2.17
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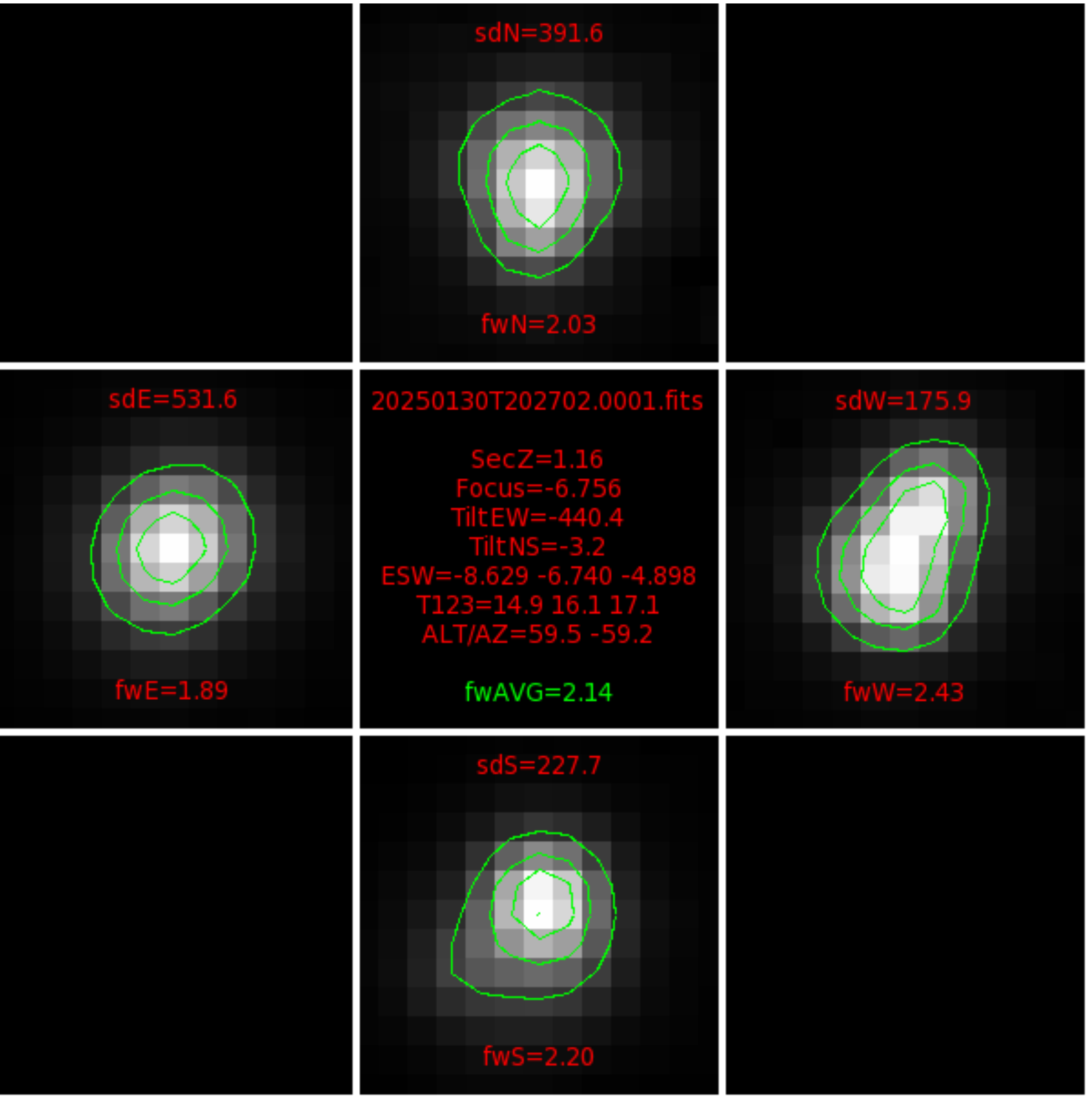
sdN=391.6
fwN=2.03
sdE=531.6
fwE=1.89
20250130T202702.0001.fits
SecZ=1.16
Focus=-6.756
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.629 -6.740 -4.898
T123=14.9 16.1 17.1
ALT/AZ=59.5 -59.2
fwAVG=2.14
sdW=175.9
fwW=2.43
sdS=227.7
fwS=2.20
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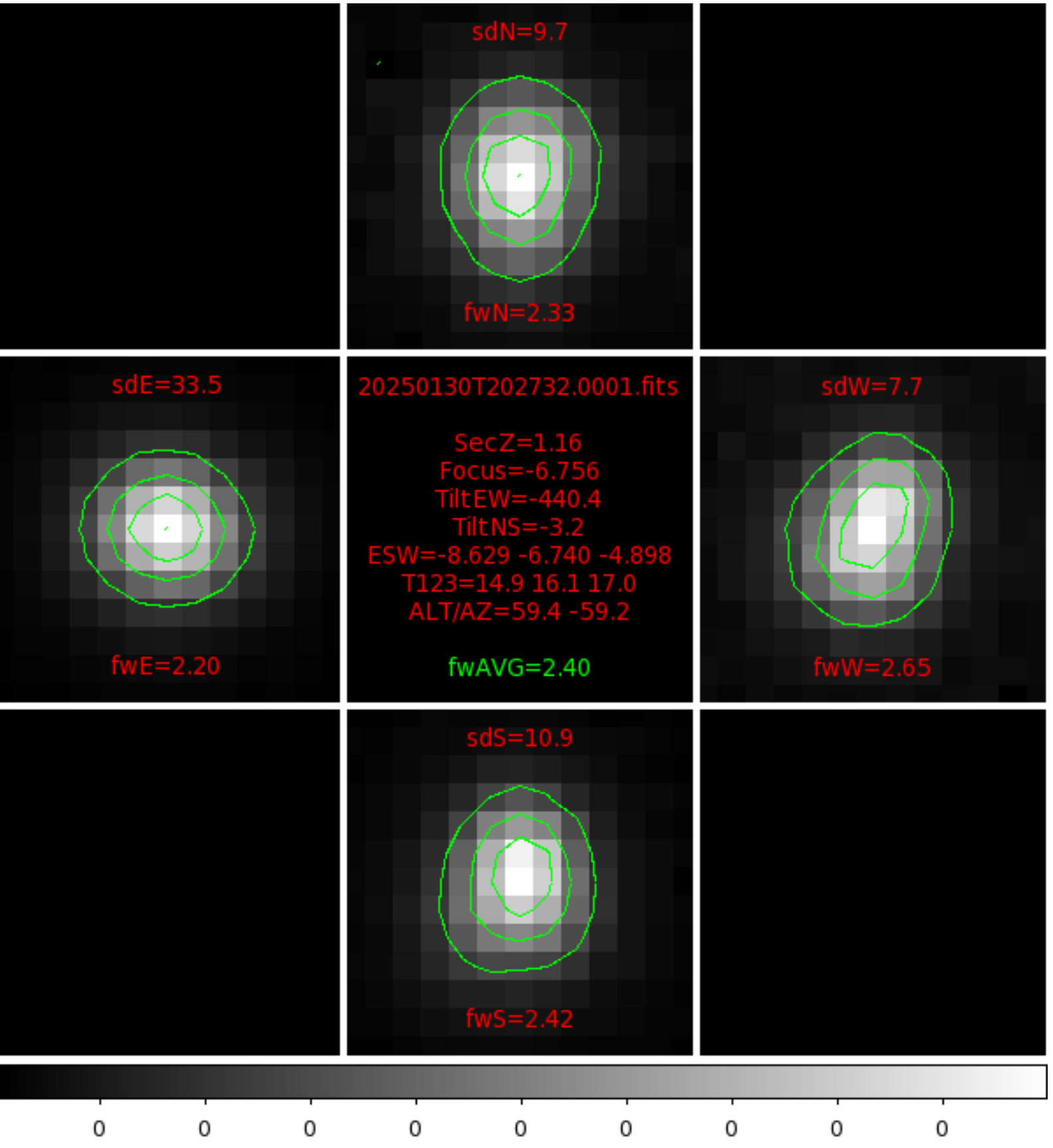
sdN=9.7
fwN=2.33
sdE=33.5
fwE=2.20
20250130T202732.0001.fits
SecZ=1.16
Focus=-6.756
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.629 -6.740 -4.898
T123=14.9 16.1 17.0
ALT/AZ=59.4 -59.2
fwAVG=2.40
sdW=7.7
fwW=2.65
sdS=10.9
fwS=2.42
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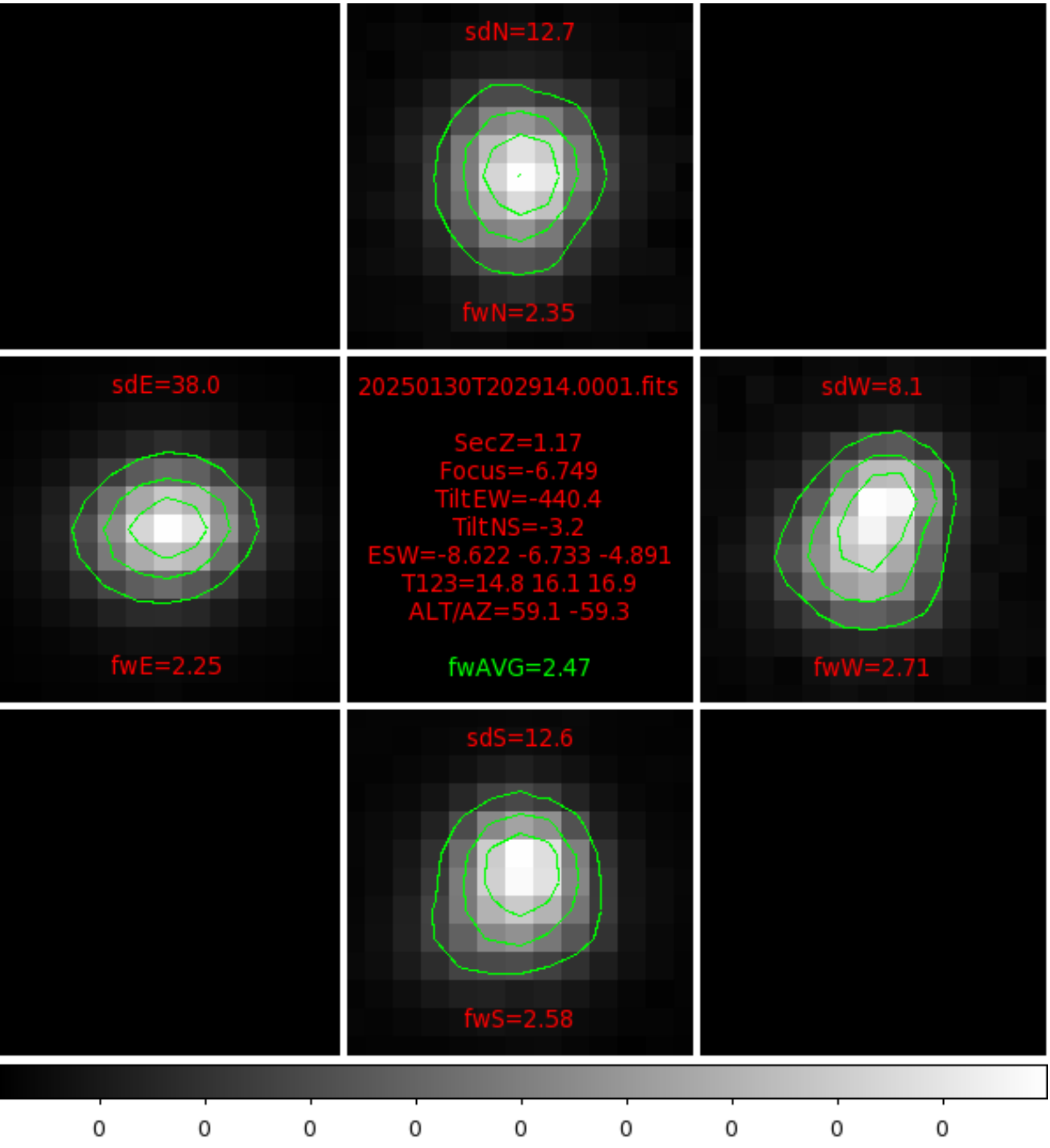
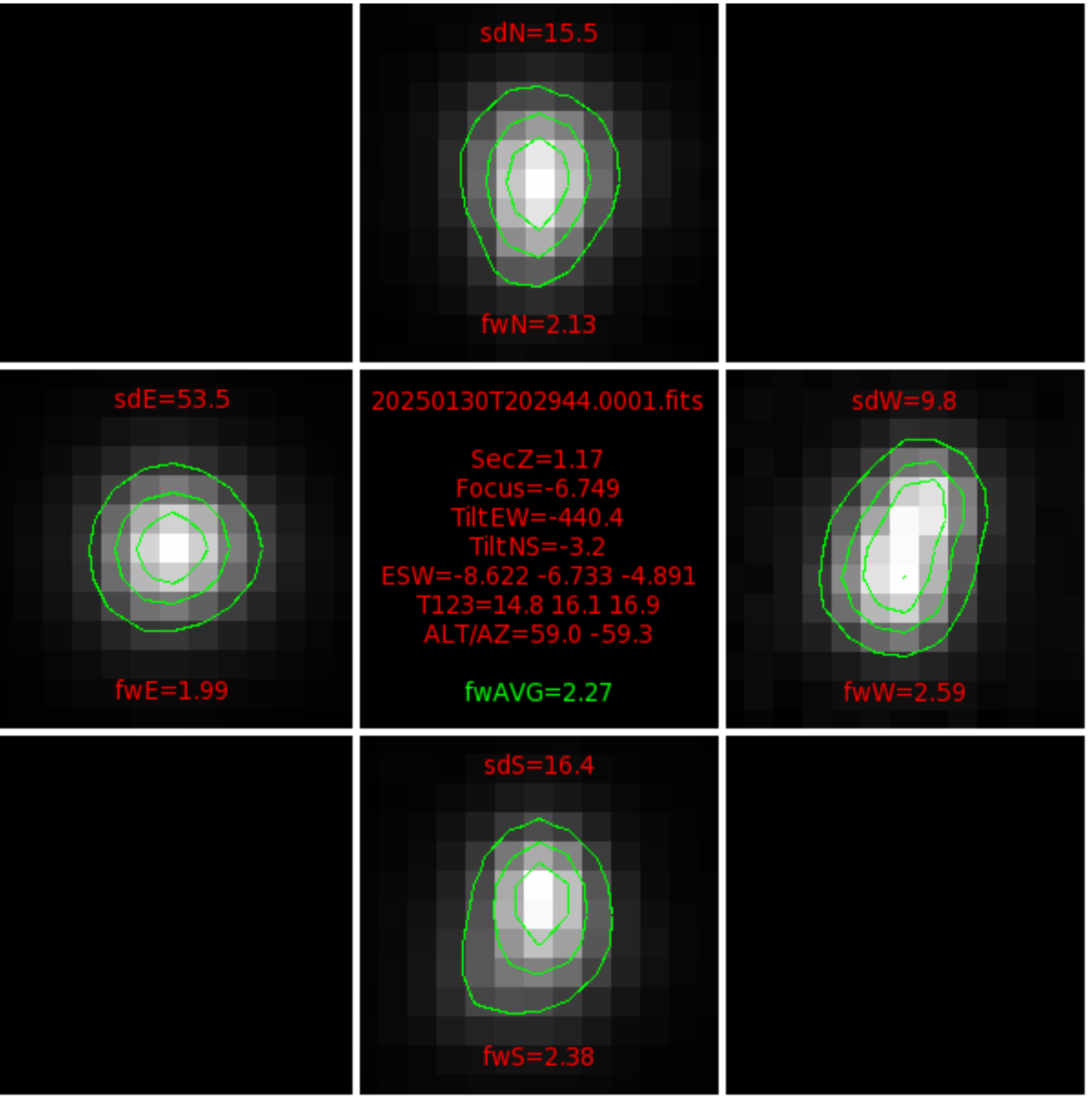

sdN=12.7
fwN=2.35
sdE=38.0
fwE=2.25
20250130T202914.0001.fits
SecZ=1.17
Focus=-6.749
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.622 -6.733 -4.891
T123=14.8 16.1 16.9
ALT/AZ=59.1 -59.3
fwAVG=2.47
sdW=8.1
fwW=2.71
sdS=12.6
fwS=2.58
0 0 0 0 0 0 0 0 0


sdN=15.5
fwN=2.13
sdE=53.5
fwE=1.99
20250130T202944.0001.fits
SecZ=1.17
Focus=-6.749
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.622 -6.733 -4.891
T123=14.8 16.1 16.9
ALT/AZ=59.0 -59.3
fwAVG=2.27
sdW=9.8
fwW=2.59
sdS=16.4
fwS=2.38
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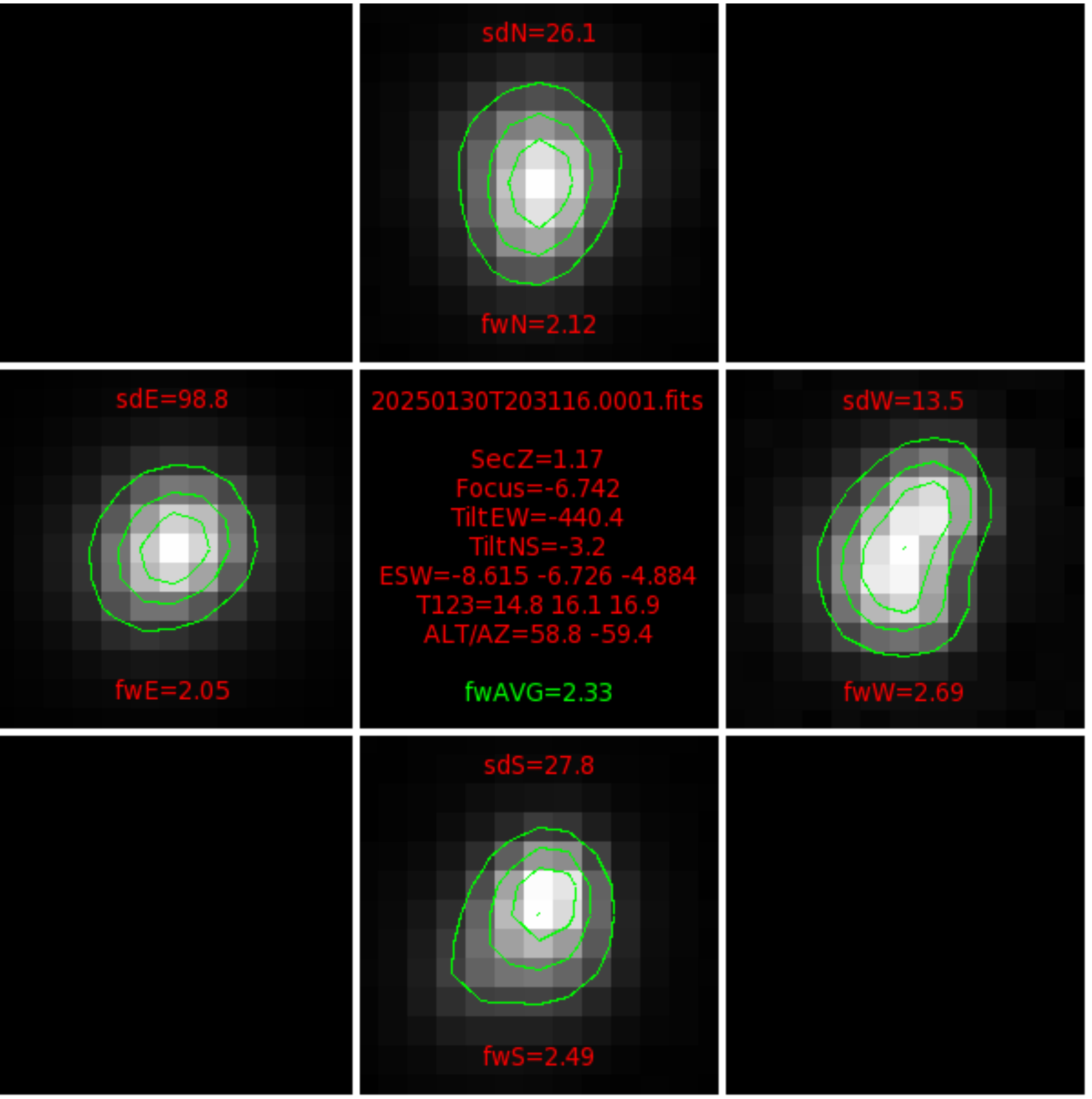
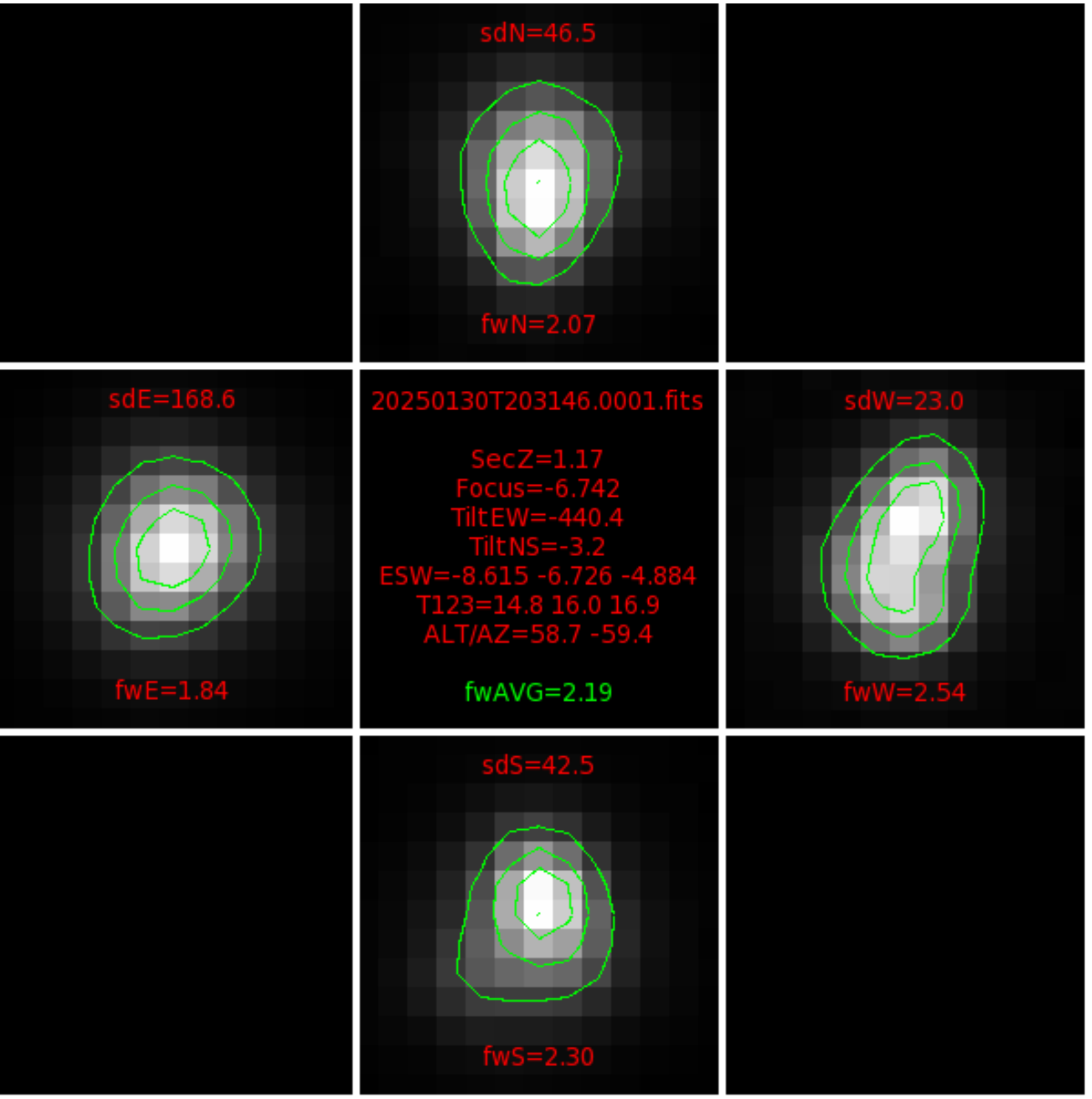
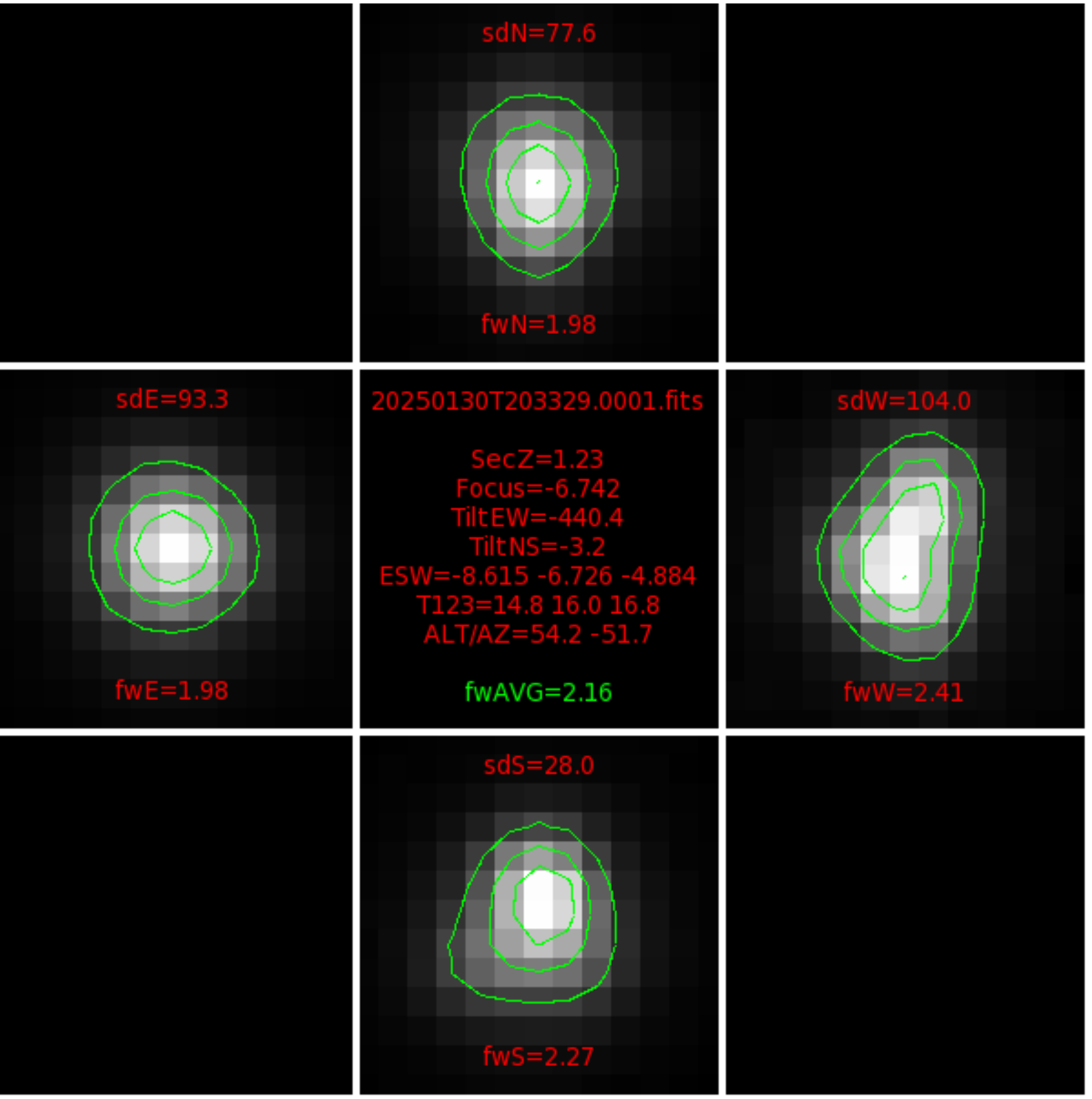

sdN=26.1
fwN=2.12
sdE=98.8
fwE=2.05
20250130T203116.0001.fits
SecZ=1.17
Focus=-6.742
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.615 -6.726 -4.884
T123=14.8 16.1 16.9
ALT/AZ=58.8 -59.4
fwAVG=2.33
sdW=13.5
fwW=2.69
sdS=27.8
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=46.5
fwN=2.07
sdE=168.6
fwE=1.84
20250130T203146.0001.fits
SecZ=1.17
Focus=-6.742
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.615 -6.726 -4.884
T123=14.8 16.0 16.9
ALT/AZ=58.7 -59.4
fwAVG=2.19
sdW=23.0
fwW=2.54
sdS=42.5
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=77.6
fwN=1.98
sdE=93.3
fwE=1.98
20250130T203329.0001.fits
SecZ=1.23
Focus=-6.742
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.615 -6.726 -4.884
T123=14.8 16.0 16.8
ALT/AZ=54.2 -51.7
fwAVG=2.16
sdW=104.0
fwW=2.41
sdS=28.0
fwS=2.27
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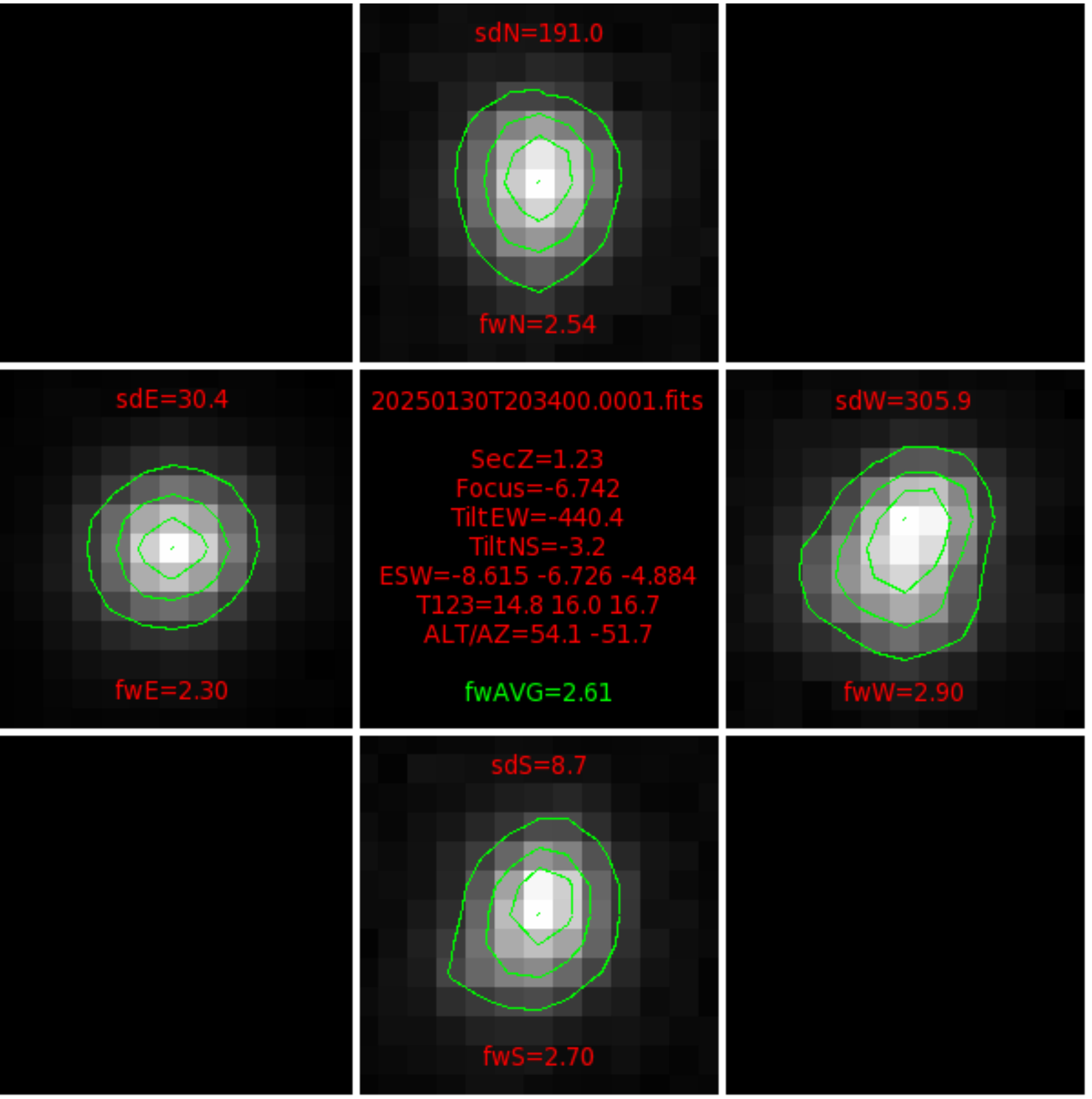
sdN=191.0
fwN=2.54
sdE=30.4
fwE=2.30
20250130T203400.0001.fits
SecZ=1.23
Focus=-6.742
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.615 -6.726 -4.884
T123=14.8 16.0 16.7
ALT/AZ=54.1 -51.7
fwAVG=2.61
sdW=305.9
fwW=2.90
sdS=8.7
fwS=2.70
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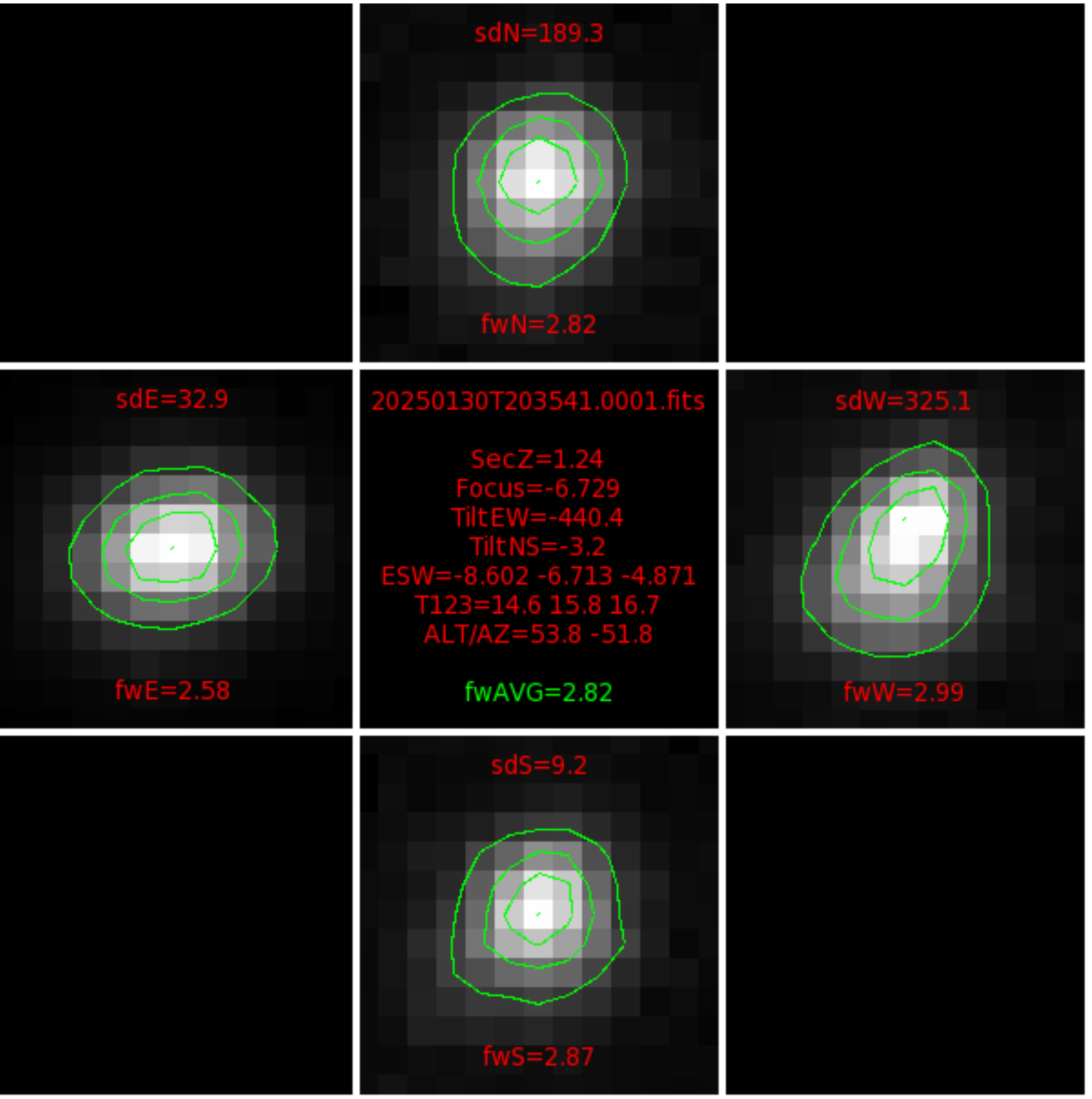
sdN=189.3
fwN=2.82
sdE=32.9
fwE=2.58
20250130T203541.0001.fits
SecZ=1.24
Focus=-6.729
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.602 -6.713 -4.871
T123=14.6 15.8 16.7
ALT/AZ=53.8 -51.8
fwAVG=2.82
sdW=325.1
fwW=2.99
sdS=9.2
fwS=2.87
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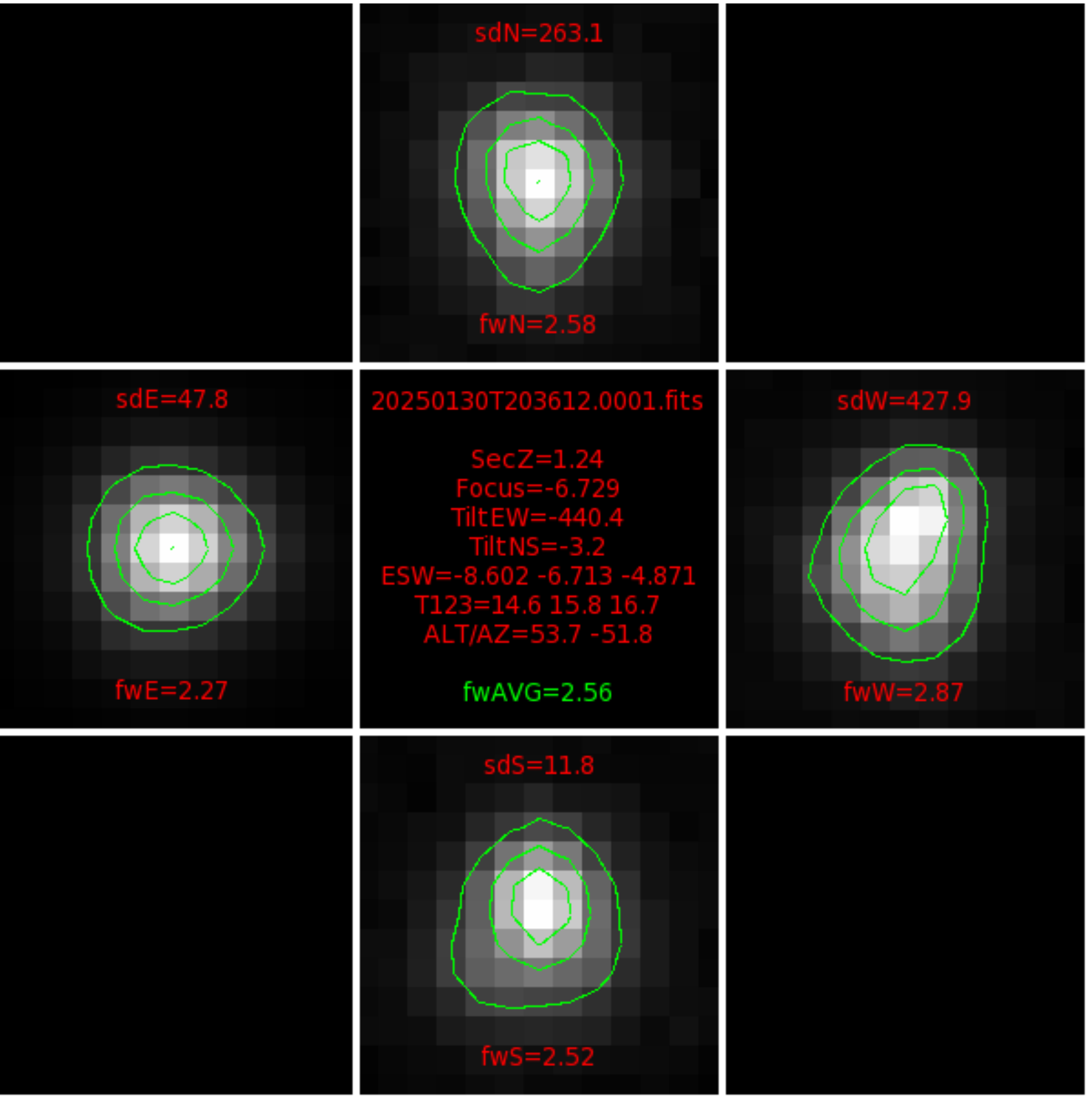
sdN=263.1
fwN=2.58
sdE=47.8
fwE=2.27
20250130T203612.0001.fits
SecZ=1.24
Focus=-6.729
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.602 -6.713 -4.871
T123=14.6 15.8 16.7
ALT/AZ=53.7 -51.8
fwAVG=2.56
sdW=427.9
fwW=2.87
sdS=11.8
fwS=2.52
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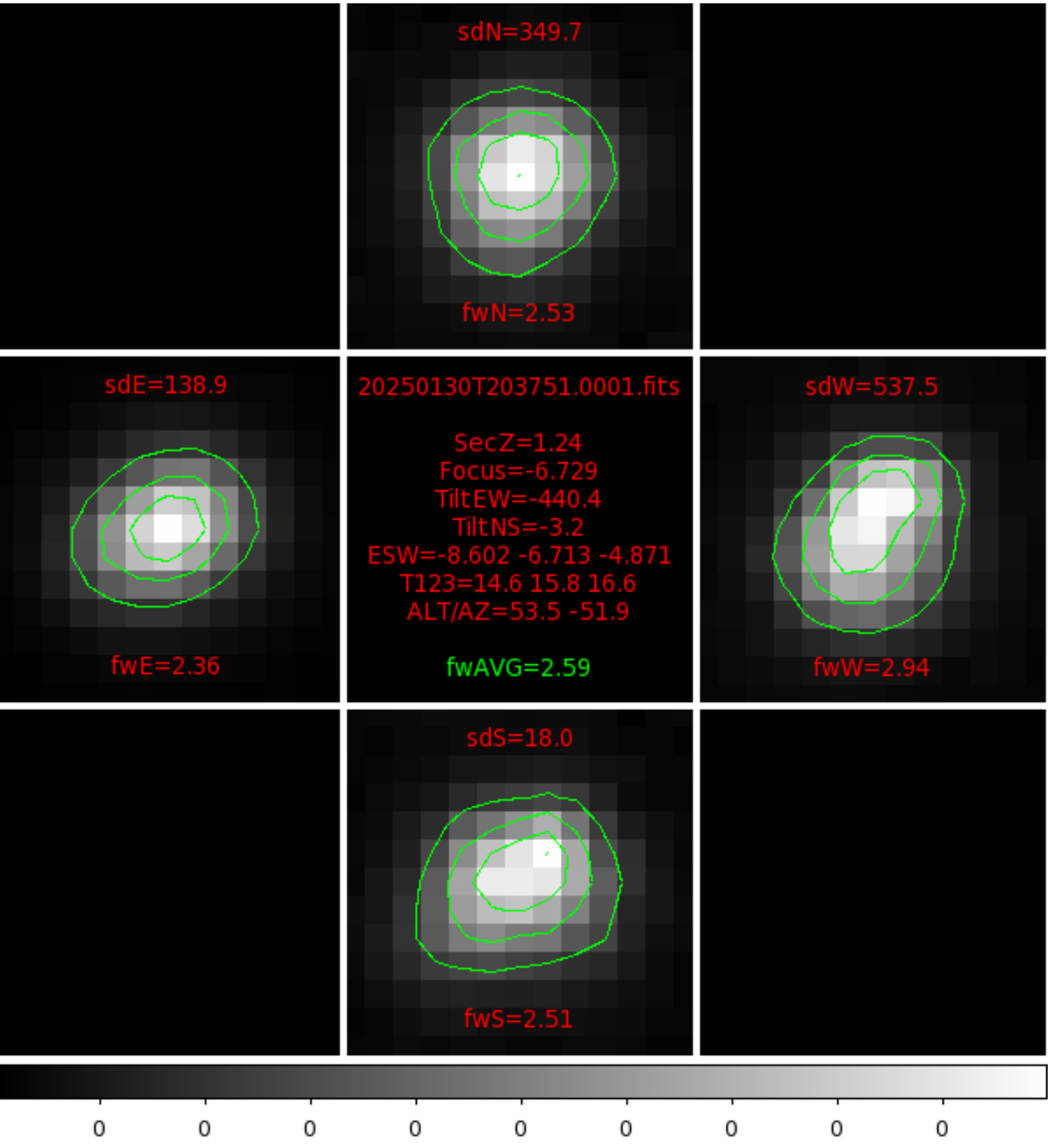
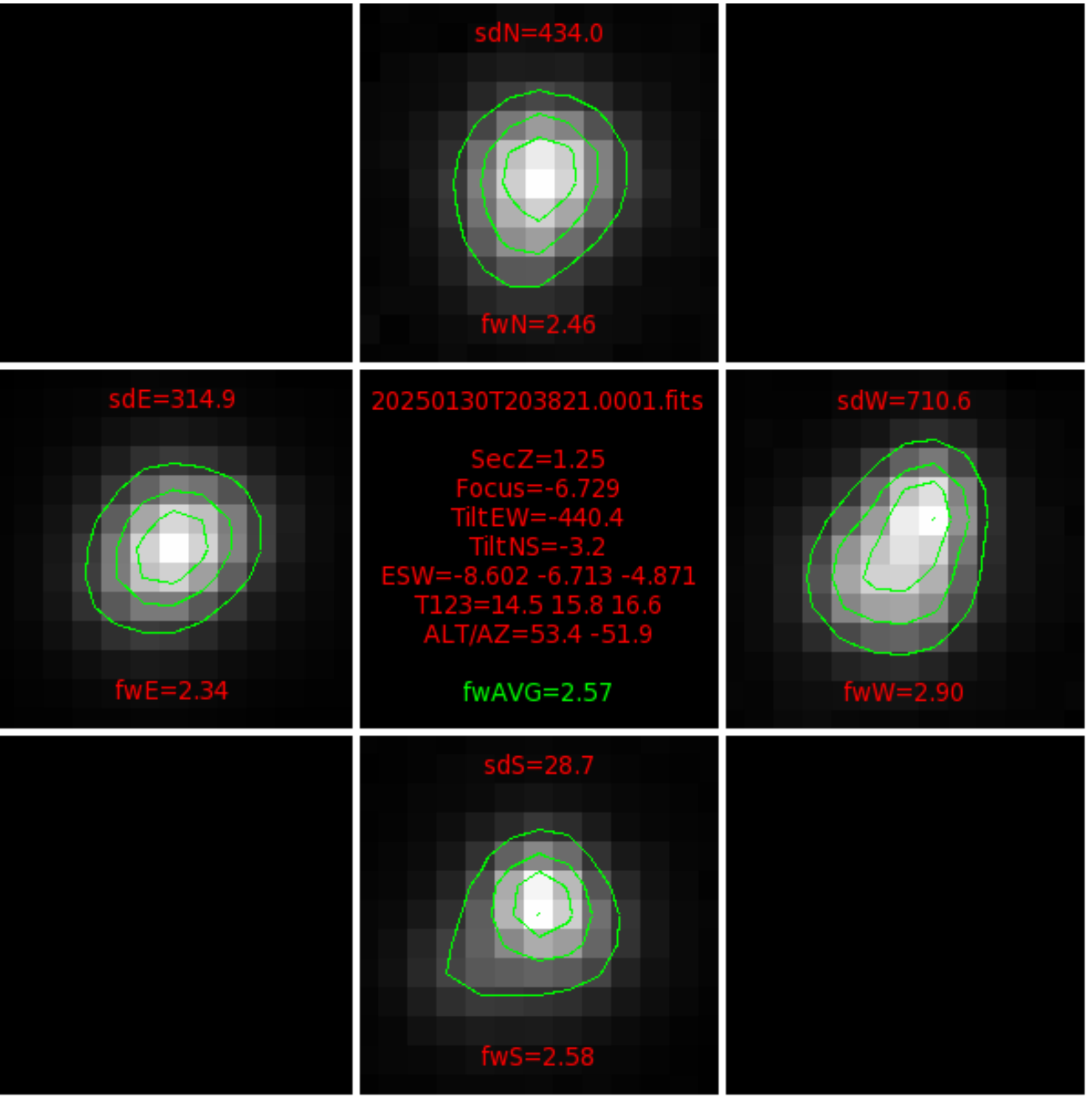
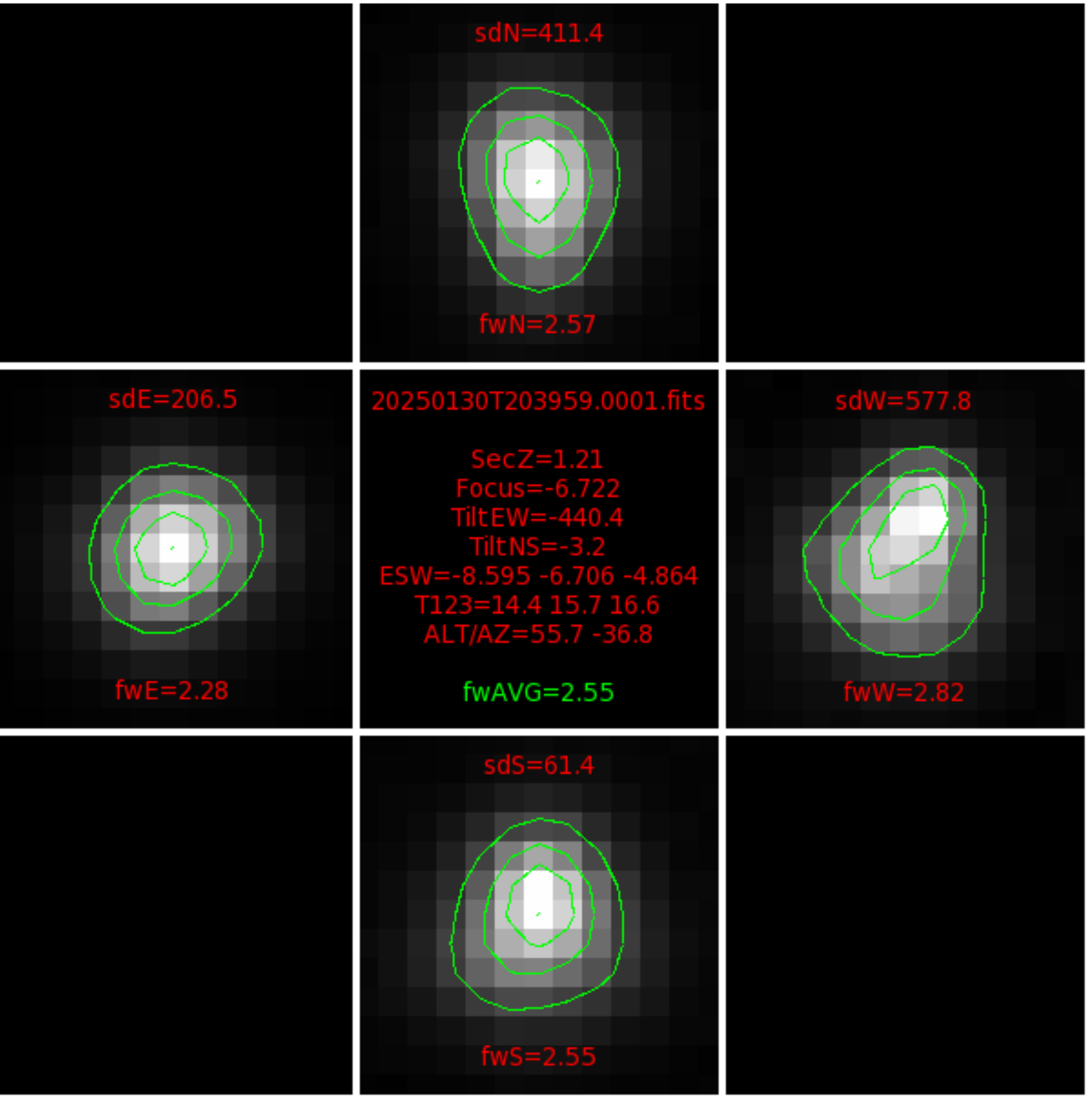

sdN=349.7
fwN=2.53
sdE=138.9
fwE=2.36
20250130T203751.0001.fits
SecZ=1.24
Focus=-6.729
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.602 -6.713 -4.871
T123=14.6 15.8 16.6
ALT/AZ=53.5 -51.9
fwAVG=2.59
sdW=537.5
fwW=2.94
sdS=18.0
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=434.0
fwN=2.46
sdE=314.9
fwE=2.34
20250130T203821.0001.fits
SecZ=1.25
Focus=-6.729
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.602 -6.713 -4.871
T123=14.5 15.8 16.6
ALT/AZ=53.4 -51.9
fwAVG=2.57
sdW=710.6
fwW=2.90
sdS=28.7
fwS=2.58
0 0 0 0 0 0 0 0 0


sdN=411.4
fwN=2.57
sdE=206.5
fwE=2.28
20250130T203959.0001.fits
SecZ=1.21
Focus=-6.722
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.595 -6.706 -4.864
T123=14.4 15.7 16.6
ALT/AZ=55.7 -36.8
fwAVG=2.55
sdW=577.8
fwW=2.82
sdS=61.4
fwS=2.55
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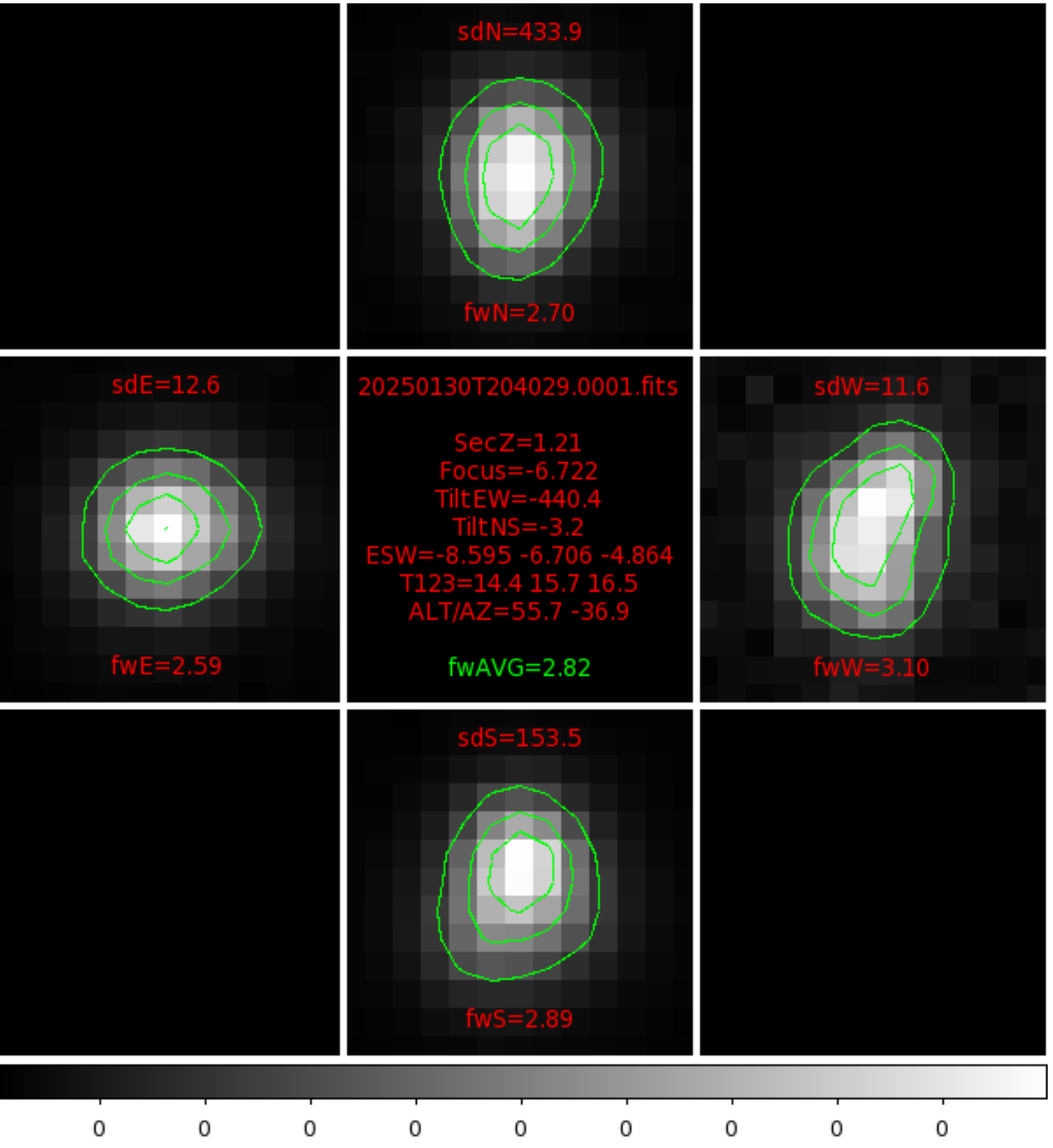
sdN=433.9
fwN=2.70
sdE=12.6
fwE=2.59
20250130T204029.0001.fits
SecZ=1.21
Focus=-6.722
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.595 -6.706 -4.864
T123=14.4 15.7 16.5
ALT/AZ=55.7 -36.9
fwAVG=2.82
sdW=11.6
fwW=3.10
sdS=153.5
fwS=2.89
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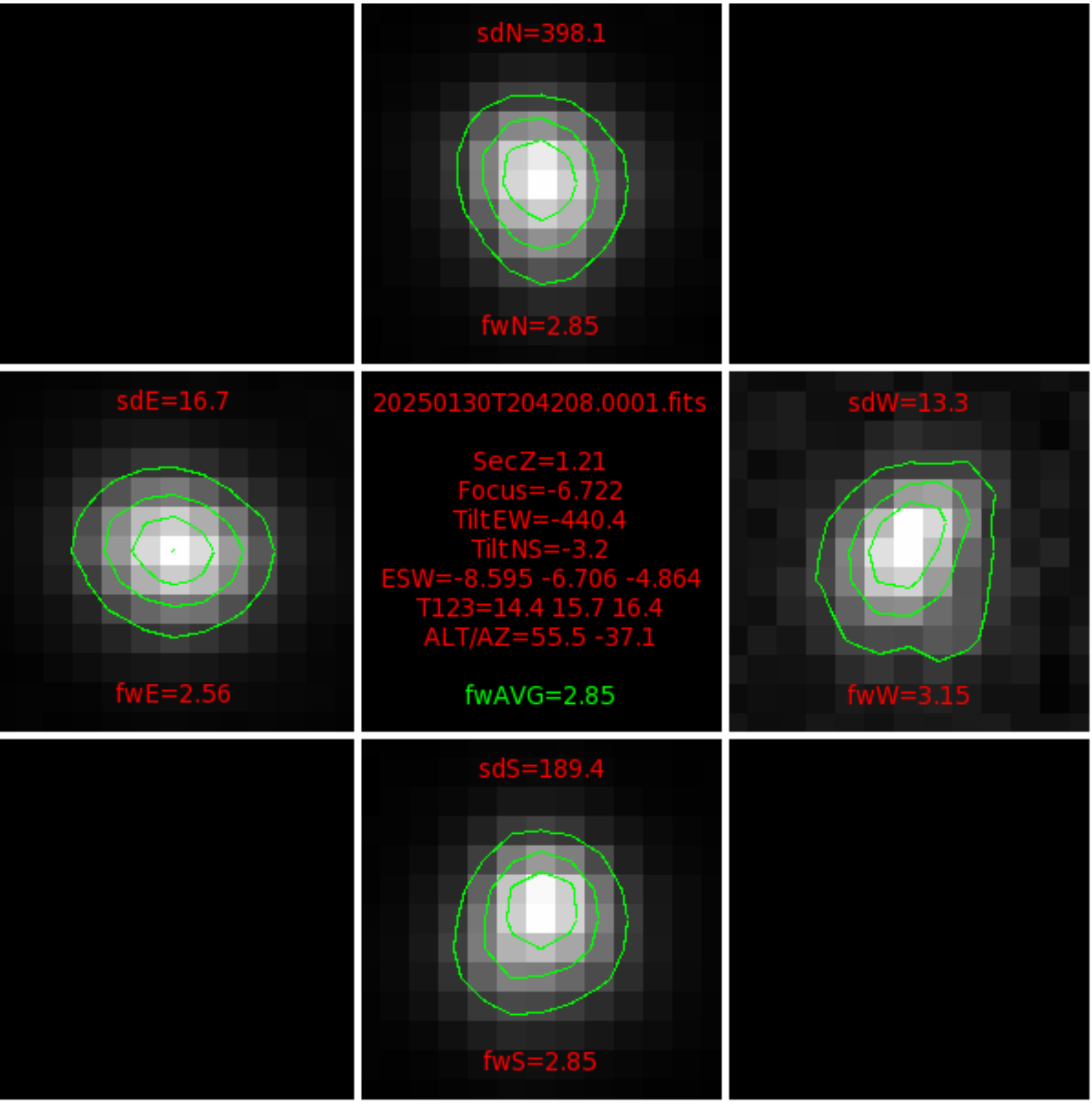
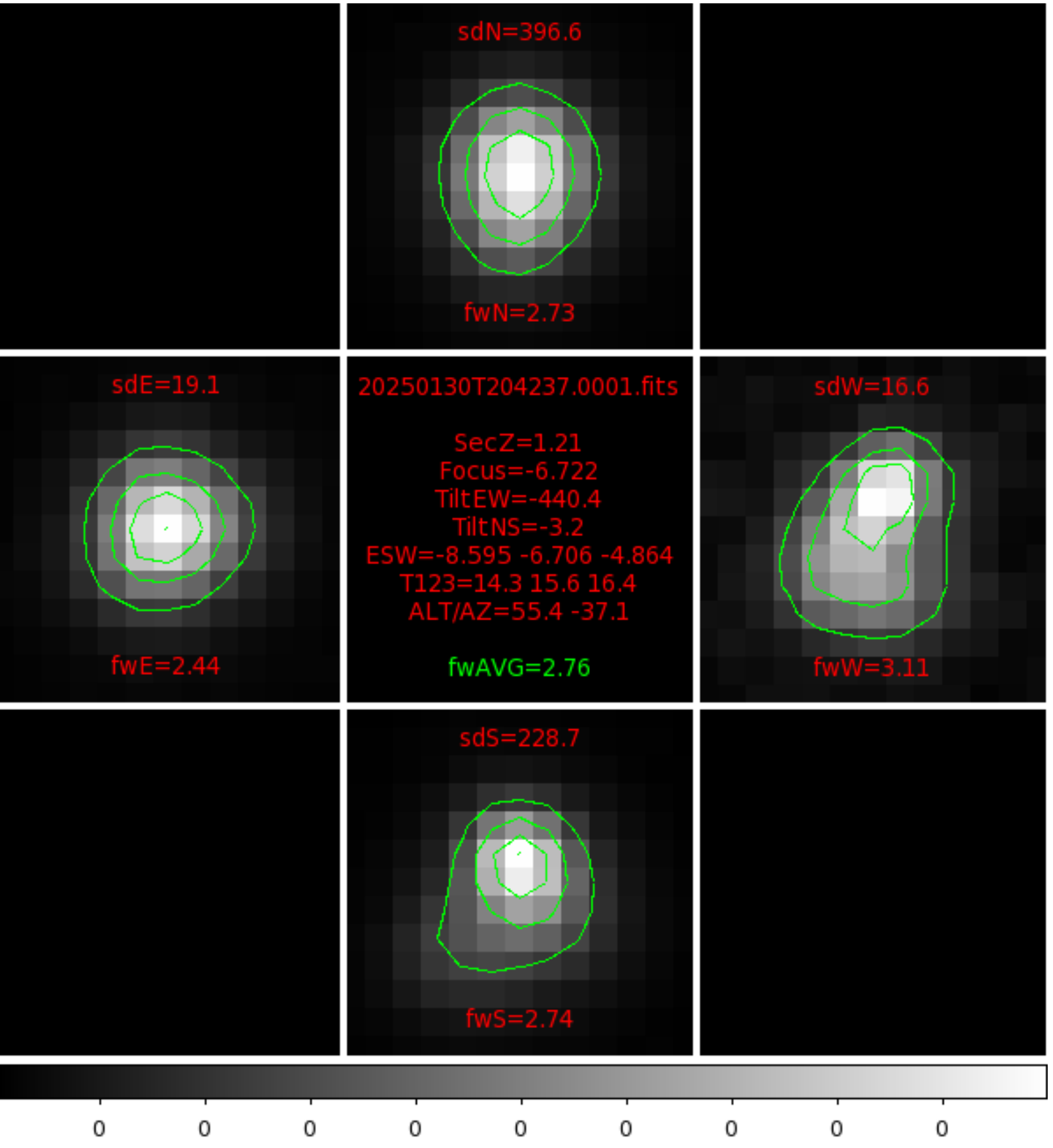

sdN=398.1
fwN=2.85
sdE=16.7
fwE=2.56
20250130T204208.0001.fits
SecZ=1.21
Focus=-6.722
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.595 -6.706 -4.864
T123=14.4 15.7 16.4
ALT/AZ=55.5 -37.1
fwAVG=2.85
sdW=13.3
fwW=3.15
sdS=189.4
fwS=2.85
0 0 0 0 0 0 0 0 0


sdN=396.6
fwN=2.73
sdE=19.1
fwE=2.44
20250130T204237.0001.fits
SecZ=1.21
Focus=-6.722
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.595 -6.706 -4.864
T123=14.3 15.6 16.4
ALT/AZ=55.4 -37.1
fwAVG=2.76
sdW=16.6
fwW=3.11
sdS=228.7
fwS=2.74
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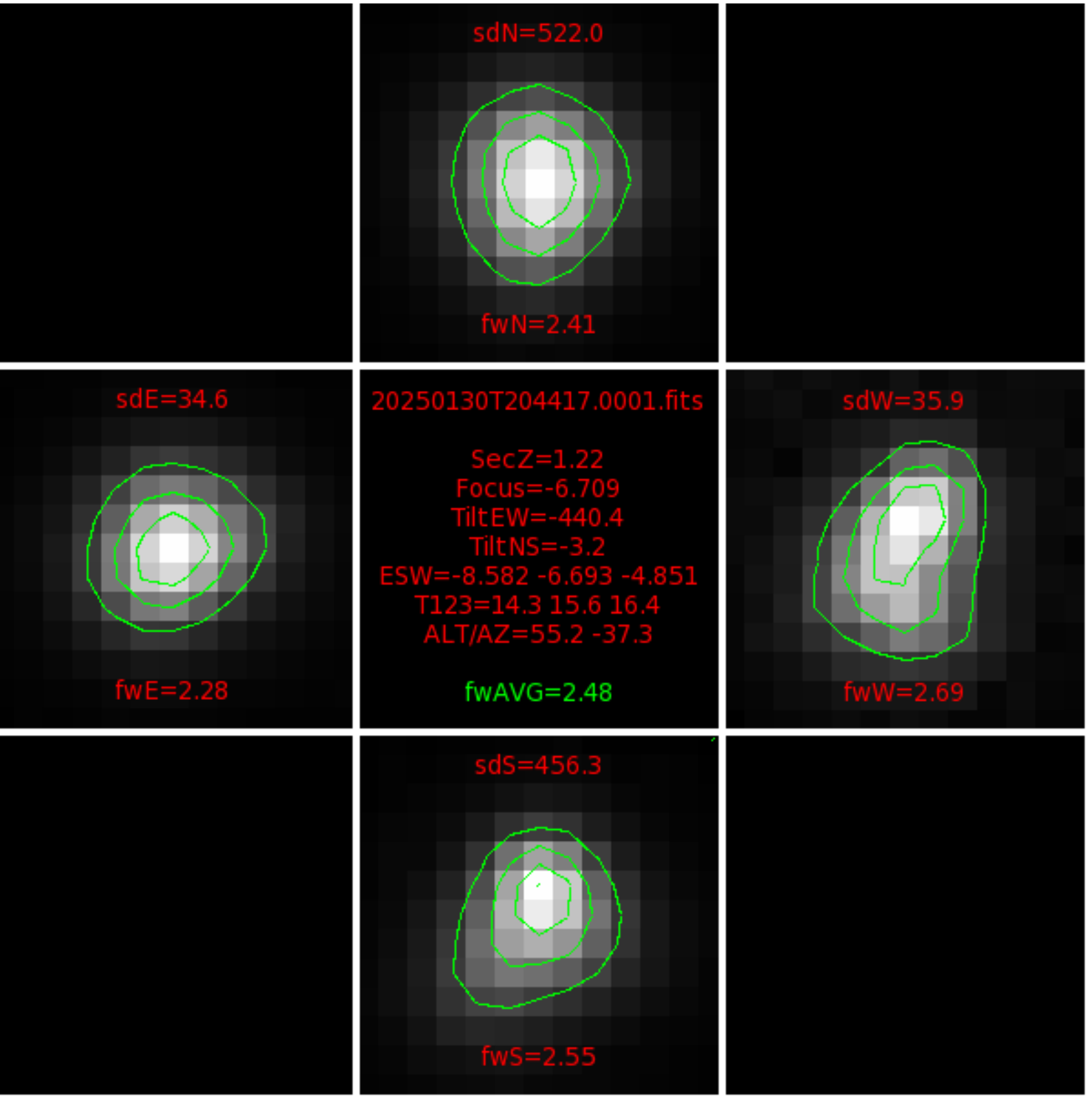
sdN=522.0
fwN=2.41
sdE=34.6
fwE=2.28
20250130T204417.0001.fits
SecZ=1.22
Focus=-6.709
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.582 -6.693 -4.851
T123=14.3 15.6 16.4
ALT/AZ=55.2 -37.3
fwAVG=2.48
sdW=35.9
fwW=2.69
sdS=456.3
fwS=2.55
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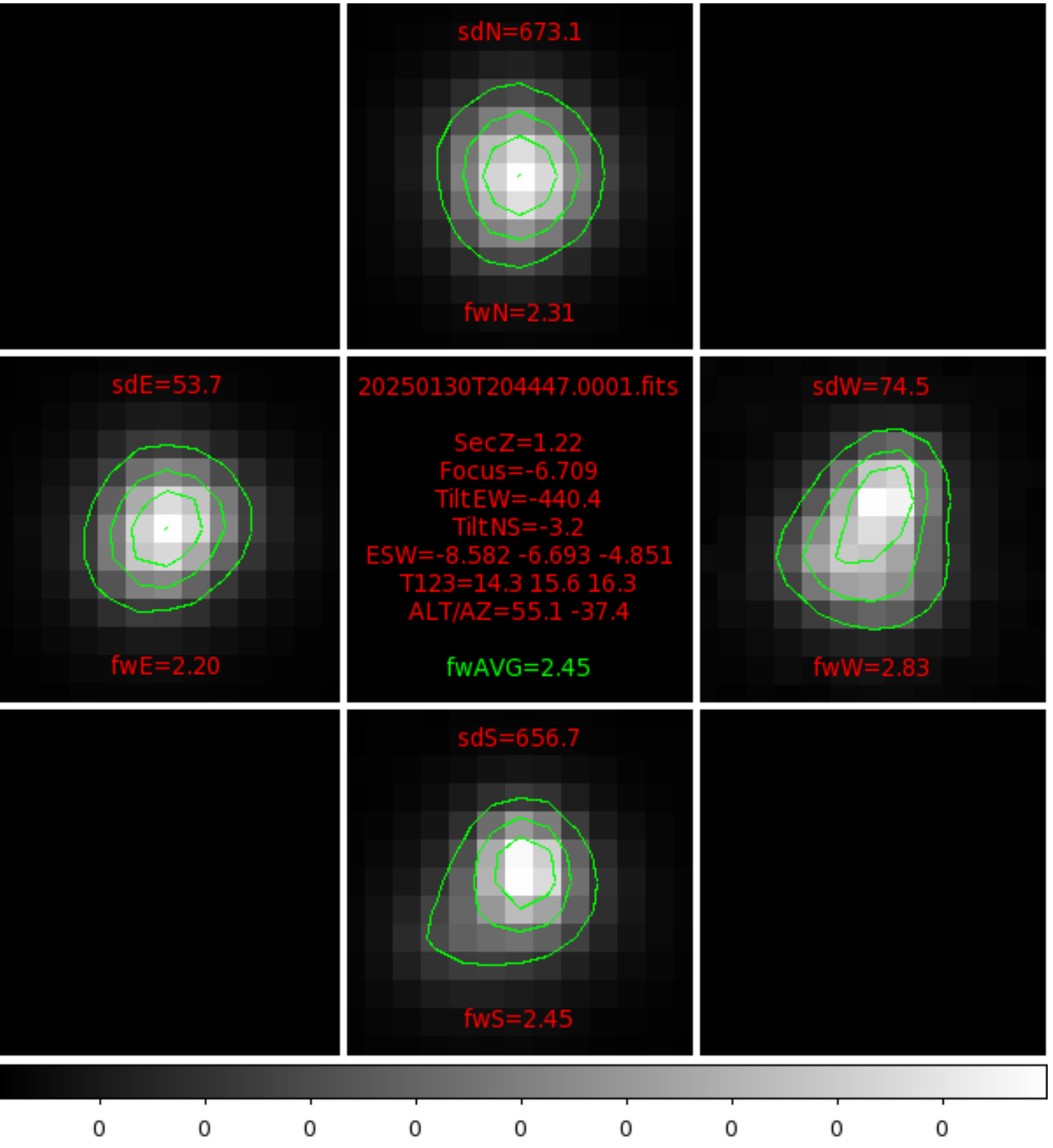
sdN=673.1
fwN=2.31
sdE=53.7
fwE=2.20
20250130T204447.0001.fits
SecZ=1.22
Focus=-6.709
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.582 -6.693 -4.851
T123=14.3 15.6 16.3
ALT/AZ=55.1 -37.4
fwAVG=2.45
sdW=74.5
fwW=2.83
sdS=656.7
fwS=2.45
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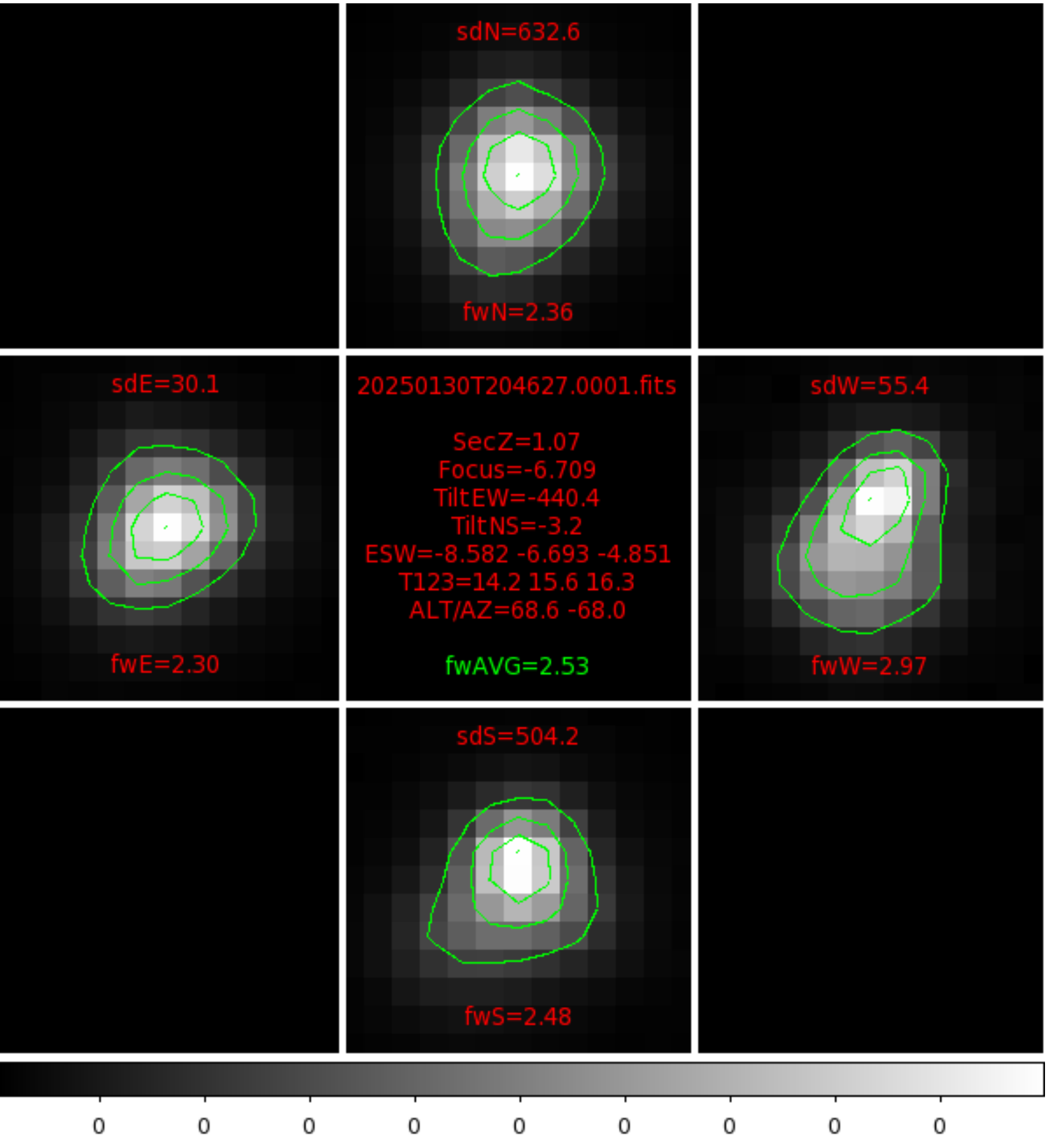
sdN=632.6
fwN=2.36
sdE=30.1
fwE=2.30
20250130T204627.0001.fits
SecZ=1.07
Focus=-6.709
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.582 -6.693 -4.851
T123=14.2 15.6 16.3
ALT/AZ=68.6 -68.0
fwAVG=2.53
sdW=55.4
fwW=2.97
sdS=504.2
fwS=2.48
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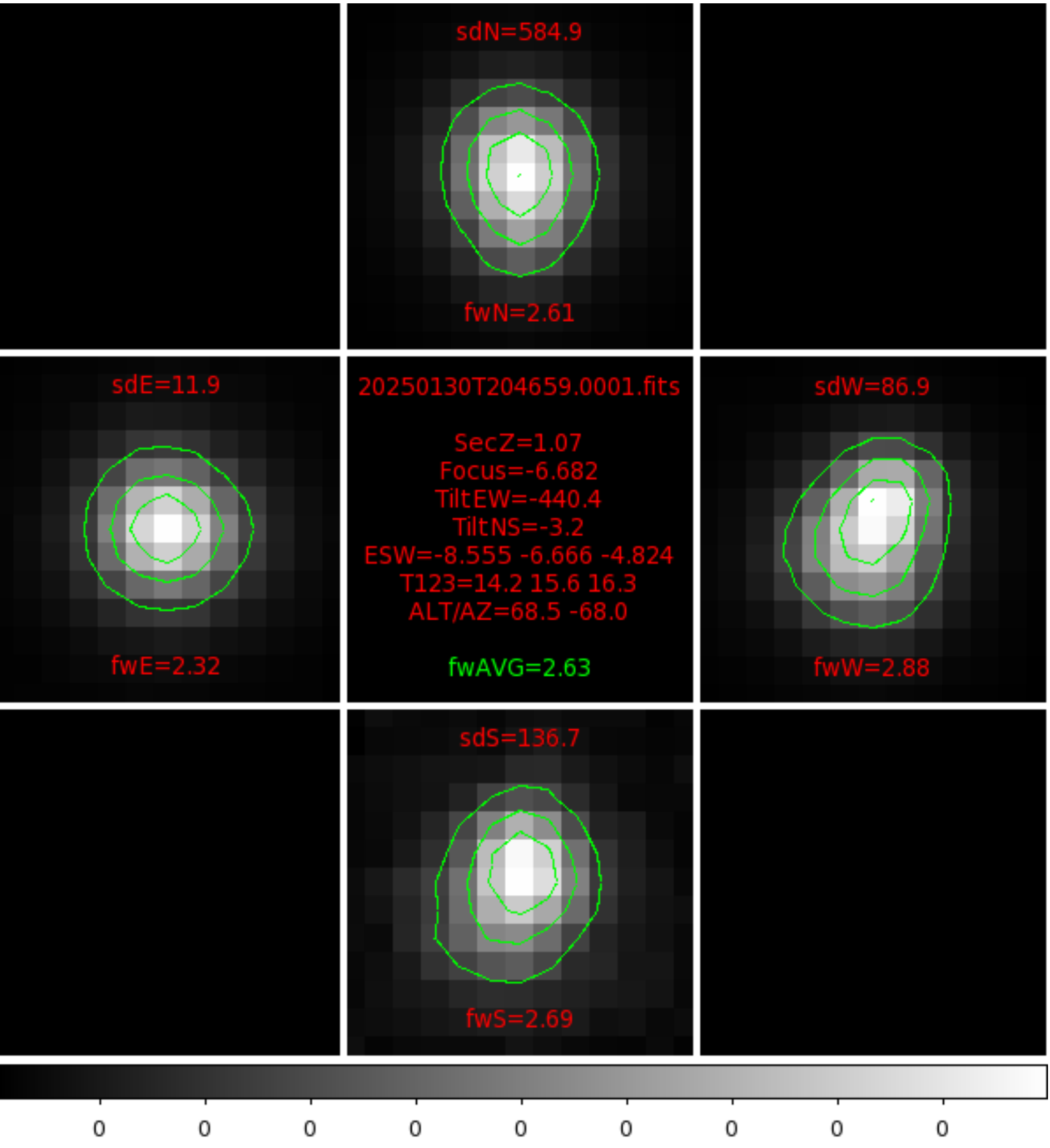
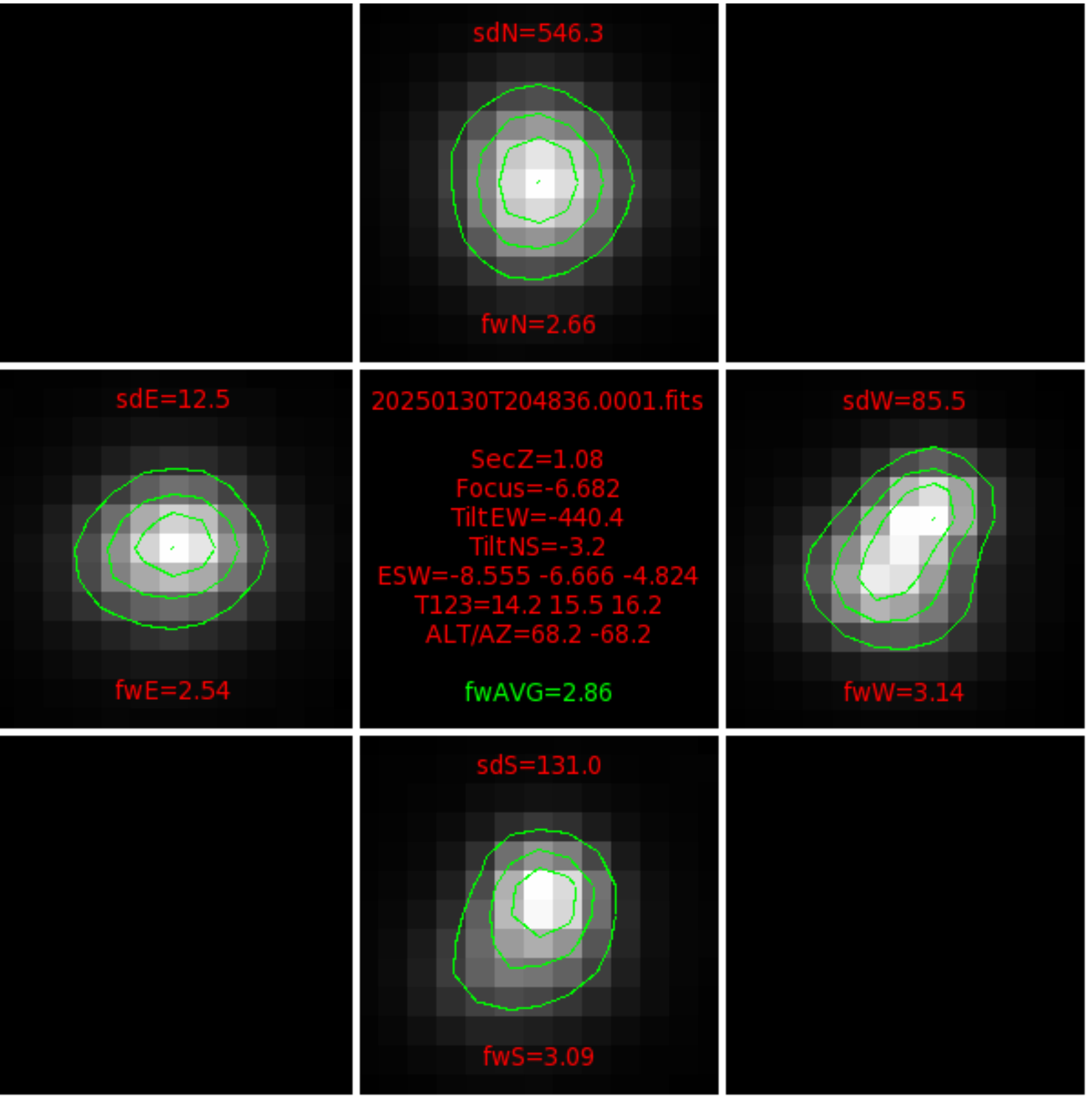

sdN=584.9
fwN=2.61
sdE=11.9
fwE=2.32
20250130T204659.0001.fits
SecZ=1.07
Focus=-6.682
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.555 -6.666 -4.824
T123=14.2 15.6 16.3
ALT/AZ=68.5 -68.0
fwAVG=2.63
sdW=86.9
fwW=2.88
sdS=136.7
fwS=2.69
0 0 0 0 0 0 0 0 0


sdN=546.3
fwN=2.66
sdE=12.5
fwE=2.54
20250130T204836.0001.fits
SecZ=1.08
Focus=-6.682
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.555 -6.666 -4.824
T123=14.2 15.5 16.2
ALT/AZ=68.2 -68.2
fwAVG=2.86
sdW=85.5
fwW=3.14
sdS=131.0
fwS=3.09
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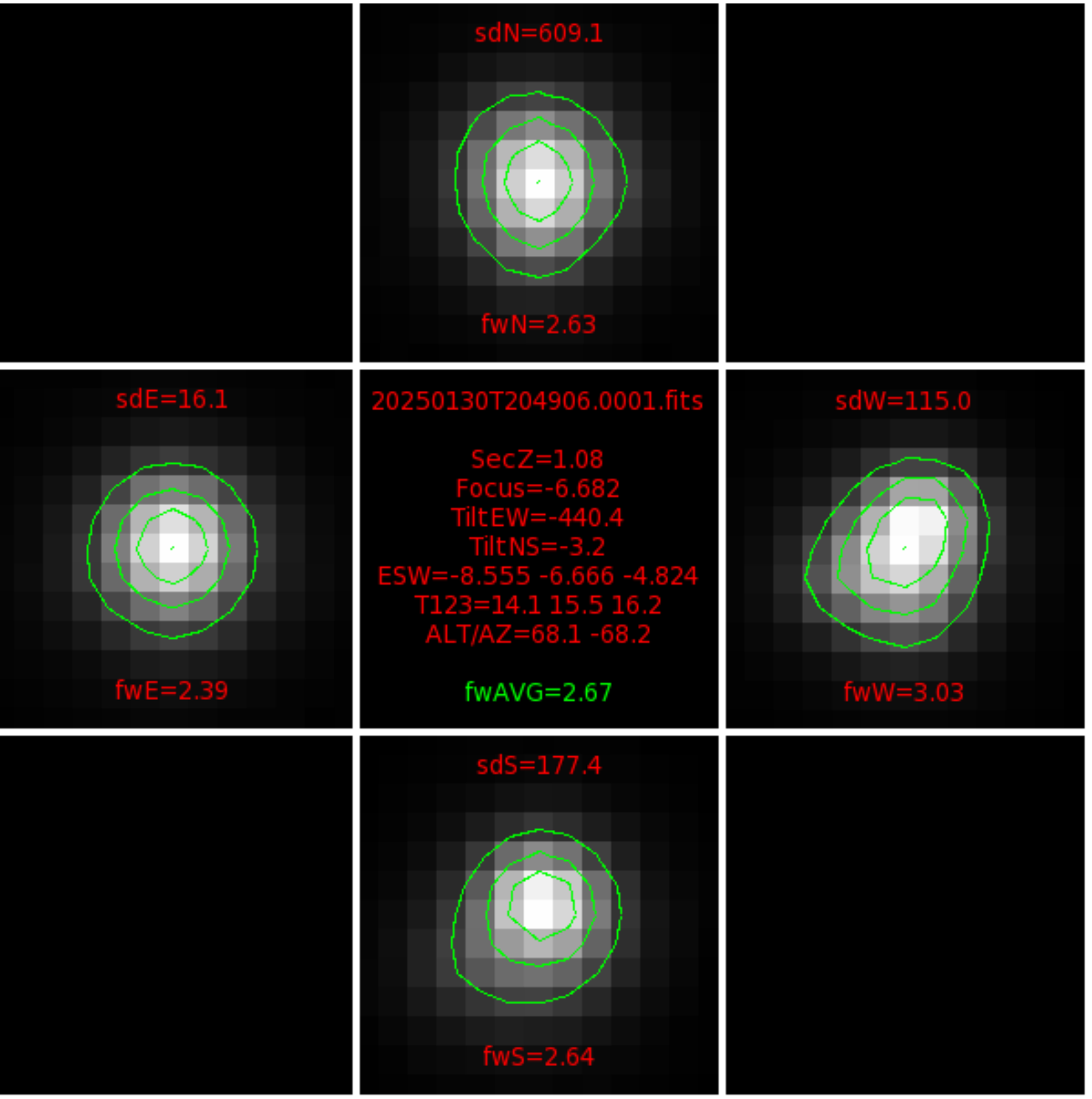
sdN=609.1
fwN=2.63
sdE=16.1
fwE=2.39
20250130T204906.0001.fits
SecZ=1.08
Focus=-6.682
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.555 -6.666 -4.824
T123=14.1 15.5 16.2
ALT/AZ=68.1 -68.2
fwAVG=2.67
sdW=115.0
fwW=3.03
sdS=177.4
fwS=2.64
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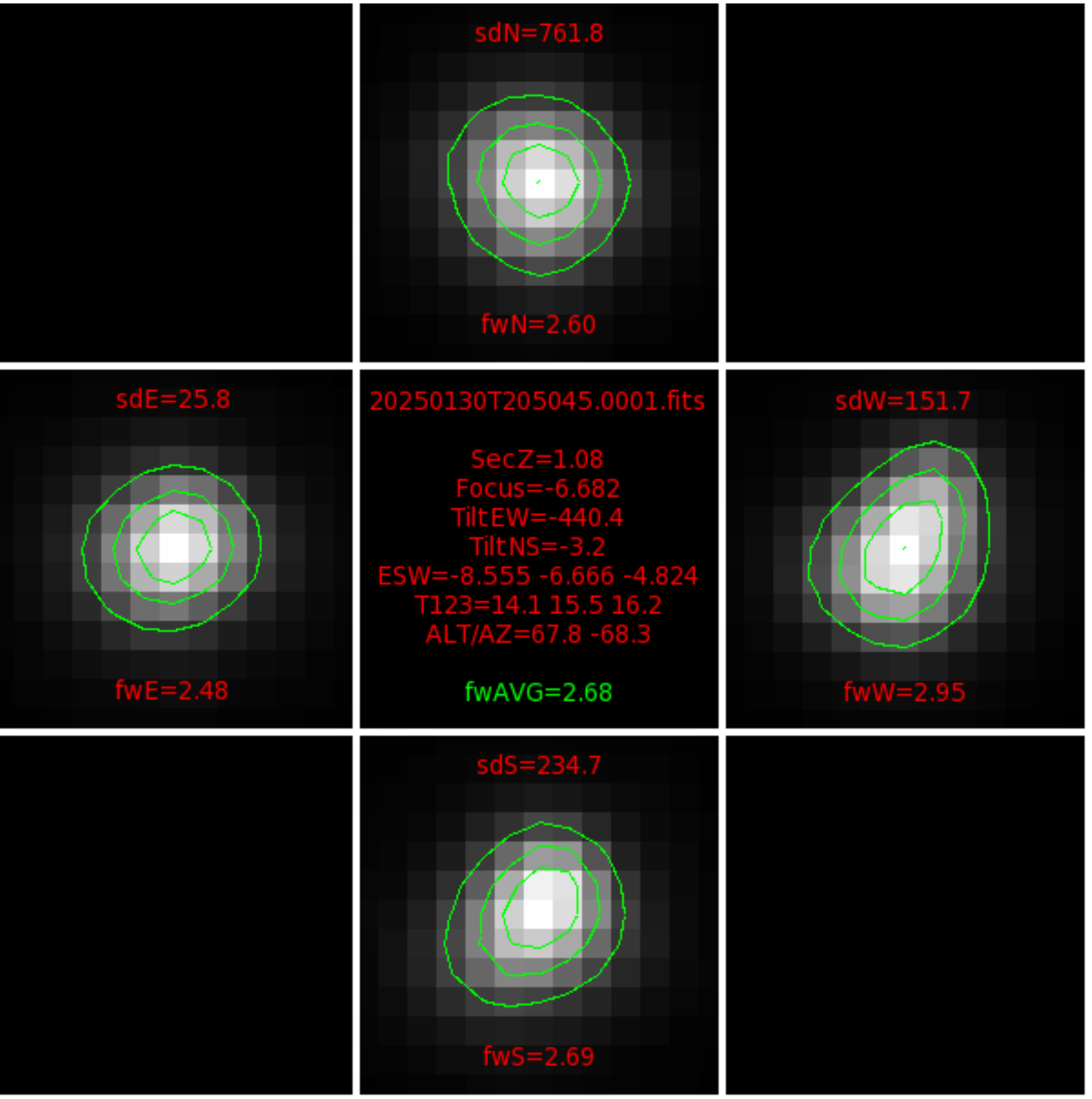
sdN=761.8
fwN=2.60
sdE=25.8
fwE=2.48
20250130T205045.0001.fits
SecZ=1.08
Focus=-6.682
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.555 -6.666 -4.824
T123=14.1 15.5 16.2
ALT/AZ=67.8 -68.3
fwAVG=2.68
sdW=151.7
fwW=2.95
sdS=234.7
fwS=2.69
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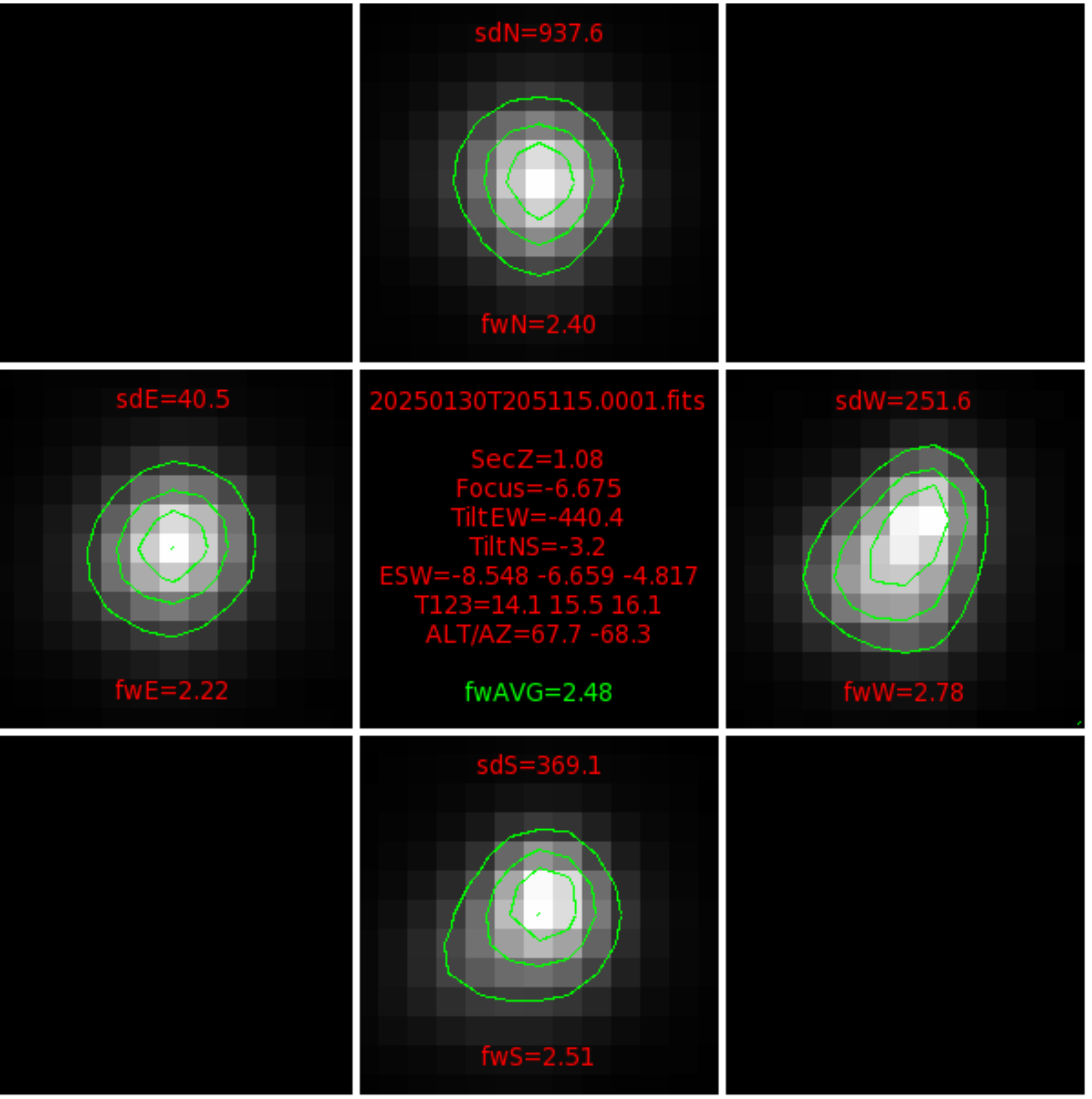
sdN=937.6
fwN=2.40
sdE=40.5
fwE=2.22
20250130T205115.0001.fits
SecZ=1.08
Focus=-6.675
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.548 -6.659 -4.817
T123=14.1 15.5 16.1
ALT/AZ=67.7 -68.3
fwAVG=2.48
sdW=251.6
fwW=2.78
sdS=369.1
fwS=2.51
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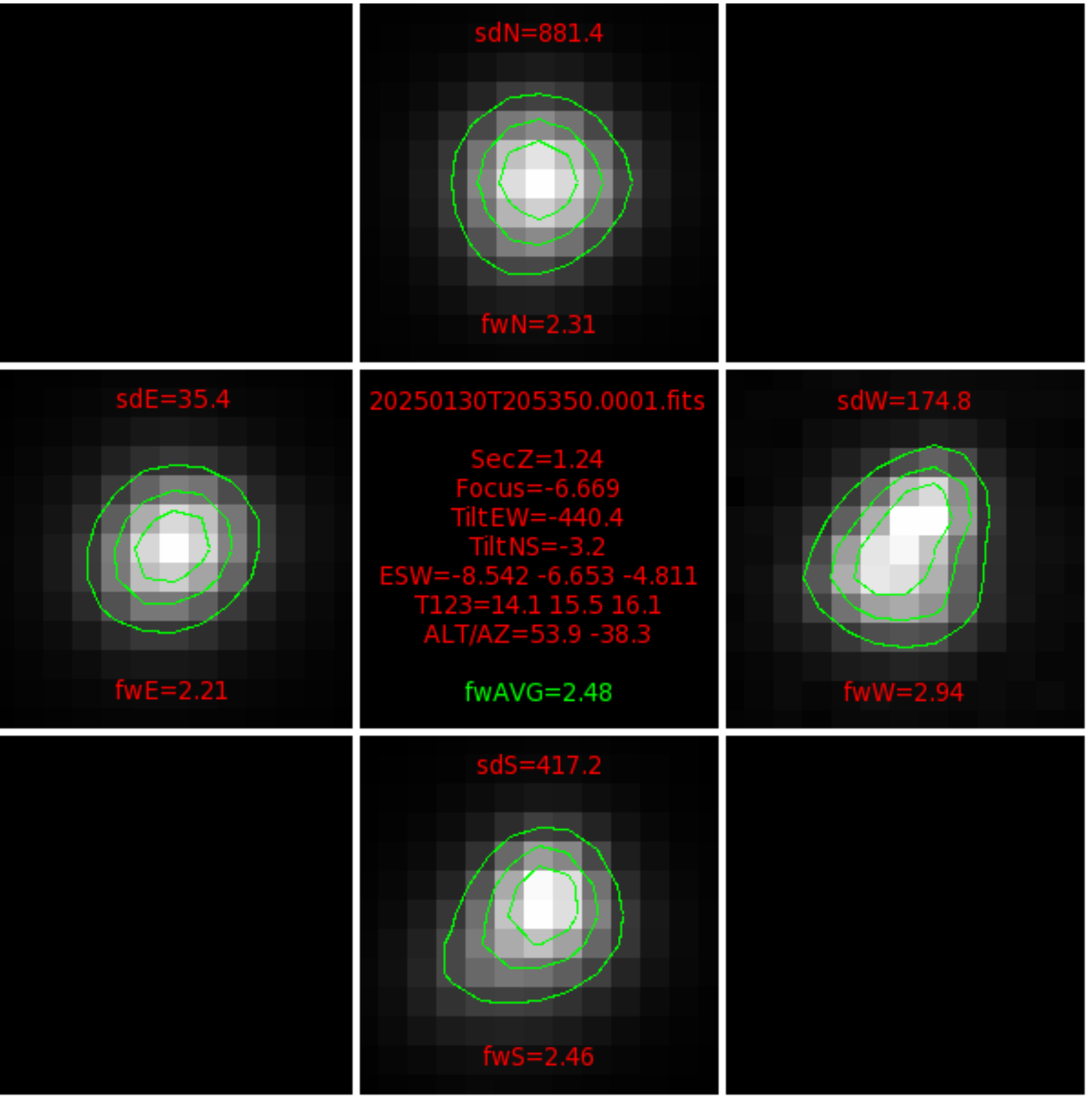
sdN=881.4
fwN=2.31
sdE=35.4
fwE=2.21
20250130T205350.0001.fits
SecZ=1.24
Focus=-6.669
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.542 -6.653 -4.811
T123=14.1 15.5 16.1
ALT/AZ=53.9 -38.3
fwAVG=2.48
sdW=174.8
fwW=2.94
sdS=417.2
fwS=2.46
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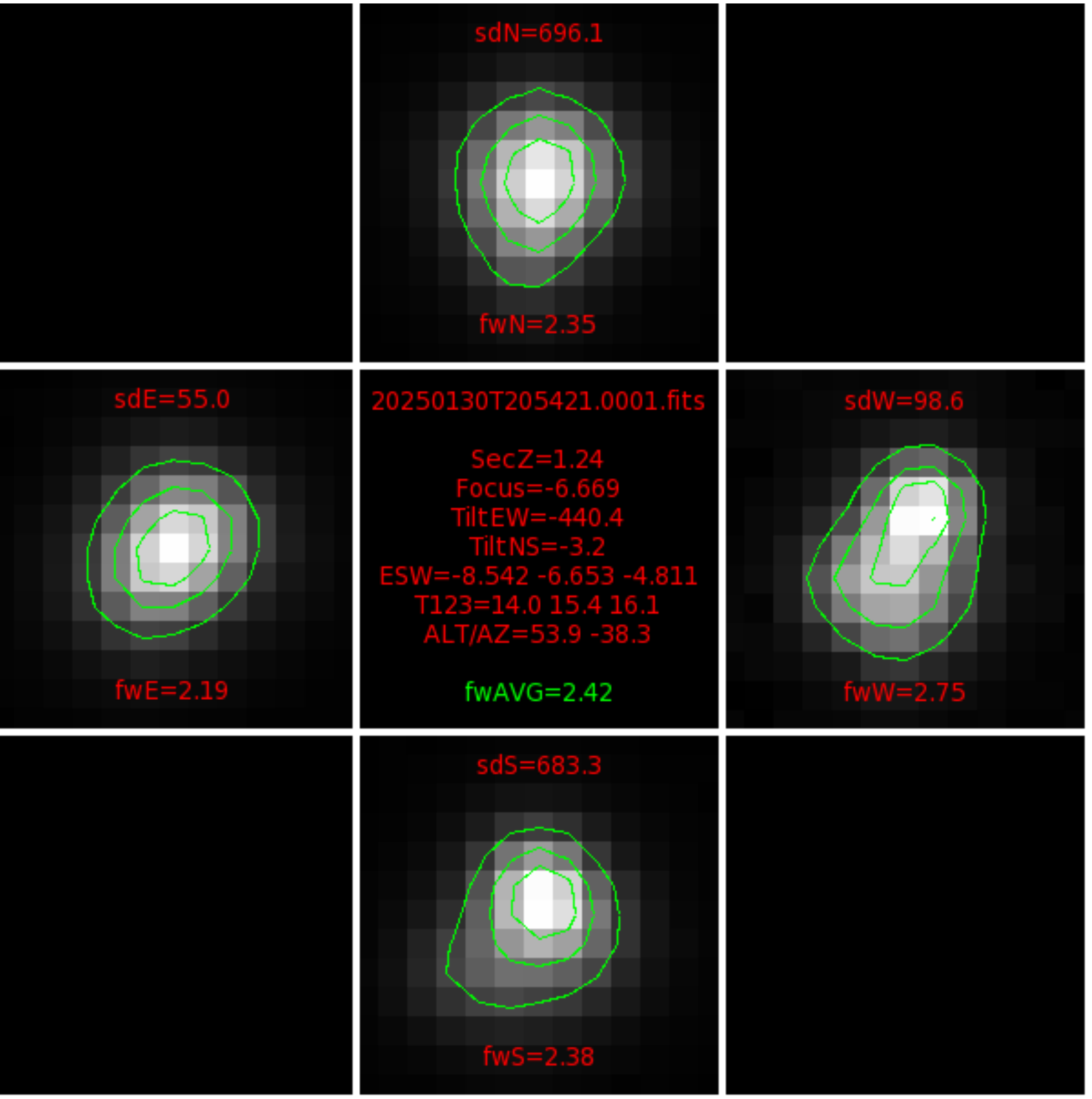
sdN=696.1
fwN=2.35
sdE=55.0
fwE=2.19
20250130T205421.0001.fits
SecZ=1.24
Focus=-6.669
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.542 -6.653 -4.811
T123=14.0 15.4 16.1
ALT/AZ=53.9 -38.3
fwAVG=2.42
sdW=98.6
fwW=2.75
sdS=683.3
fwS=2.38
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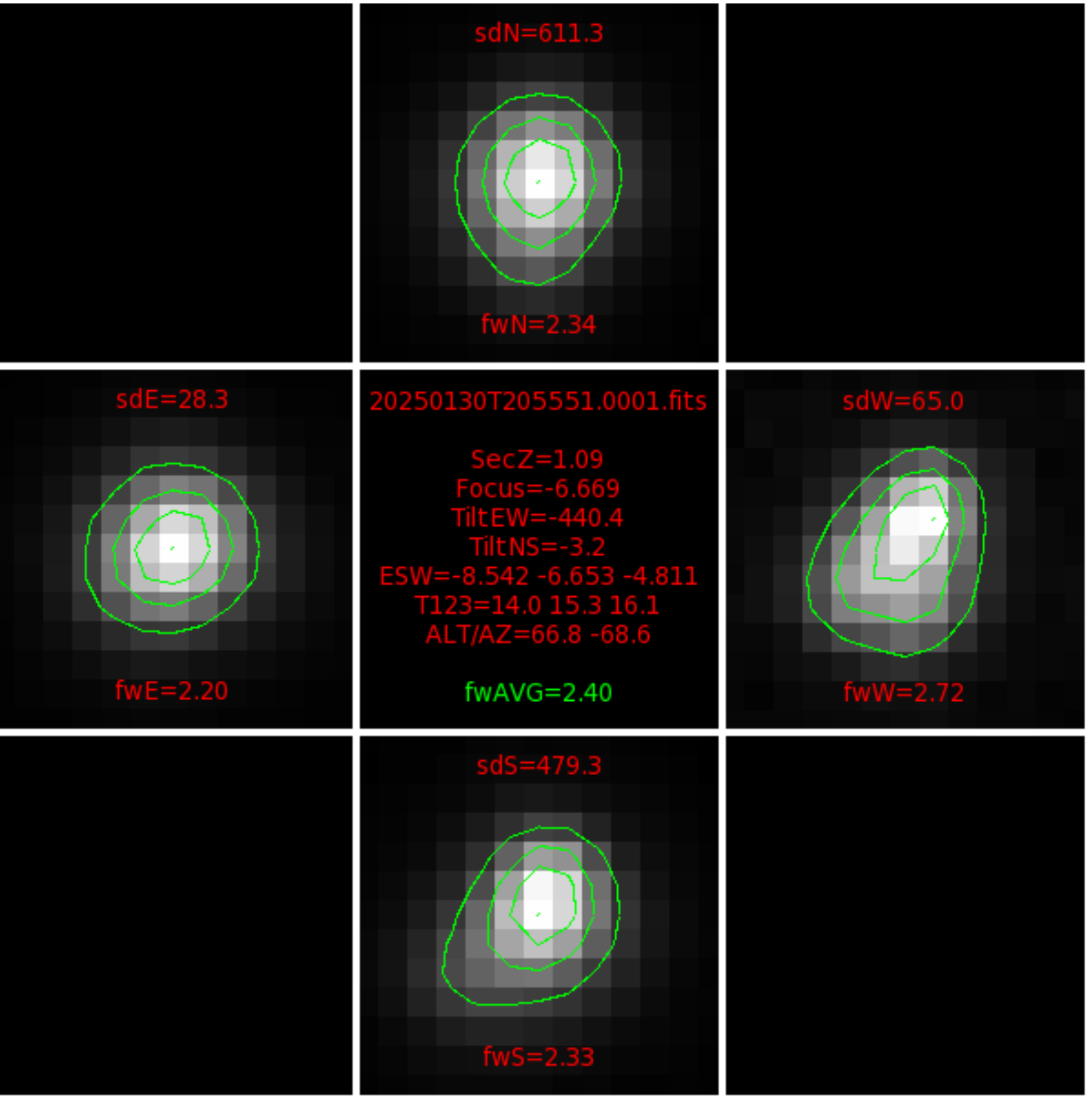
sdN=611.3
fwN=2.34
sdE=28.3
fwE=2.20
20250130T205551.0001.fits
SecZ=1.09
Focus=-6.669
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.542 -6.653 -4.811
T123=14.0 15.3 16.1
ALT/AZ=66.8 -68.6
fwAVG=2.40
sdW=65.0
fwW=2.72
sdS=479.3
fwS=2.33
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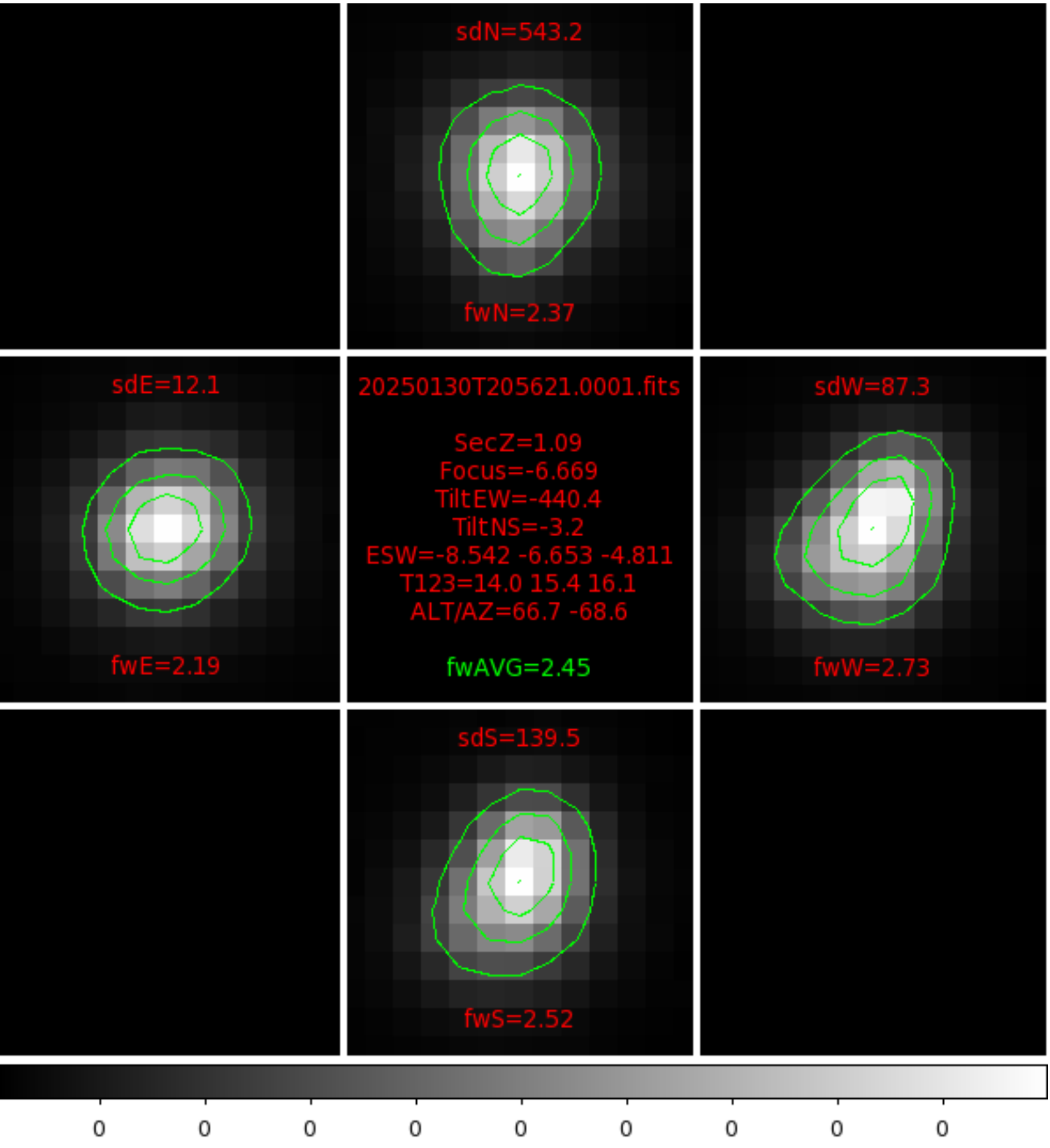
sdN=543.2
fwN=2.37
sdE=12.1
fwE=2.19
20250130T205621.0001.fits
SecZ=1.09
Focus=-6.669
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.542 -6.653 -4.811
T123=14.0 15.4 16.1
ALT/AZ=66.7 -68.6
fwAVG=2.45
sdW=87.3
fwW=2.73
sdS=139.5
fwS=2.52
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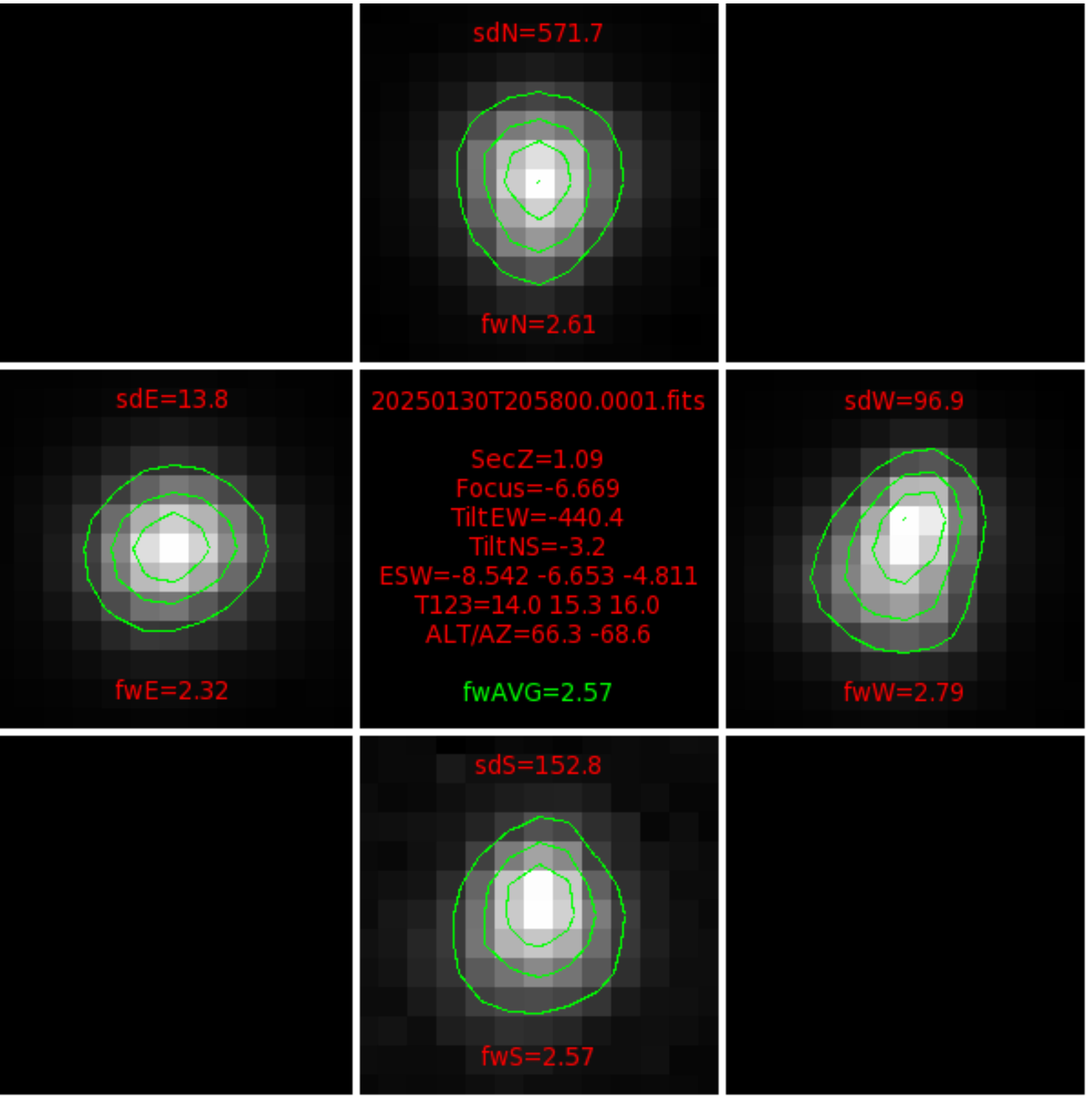
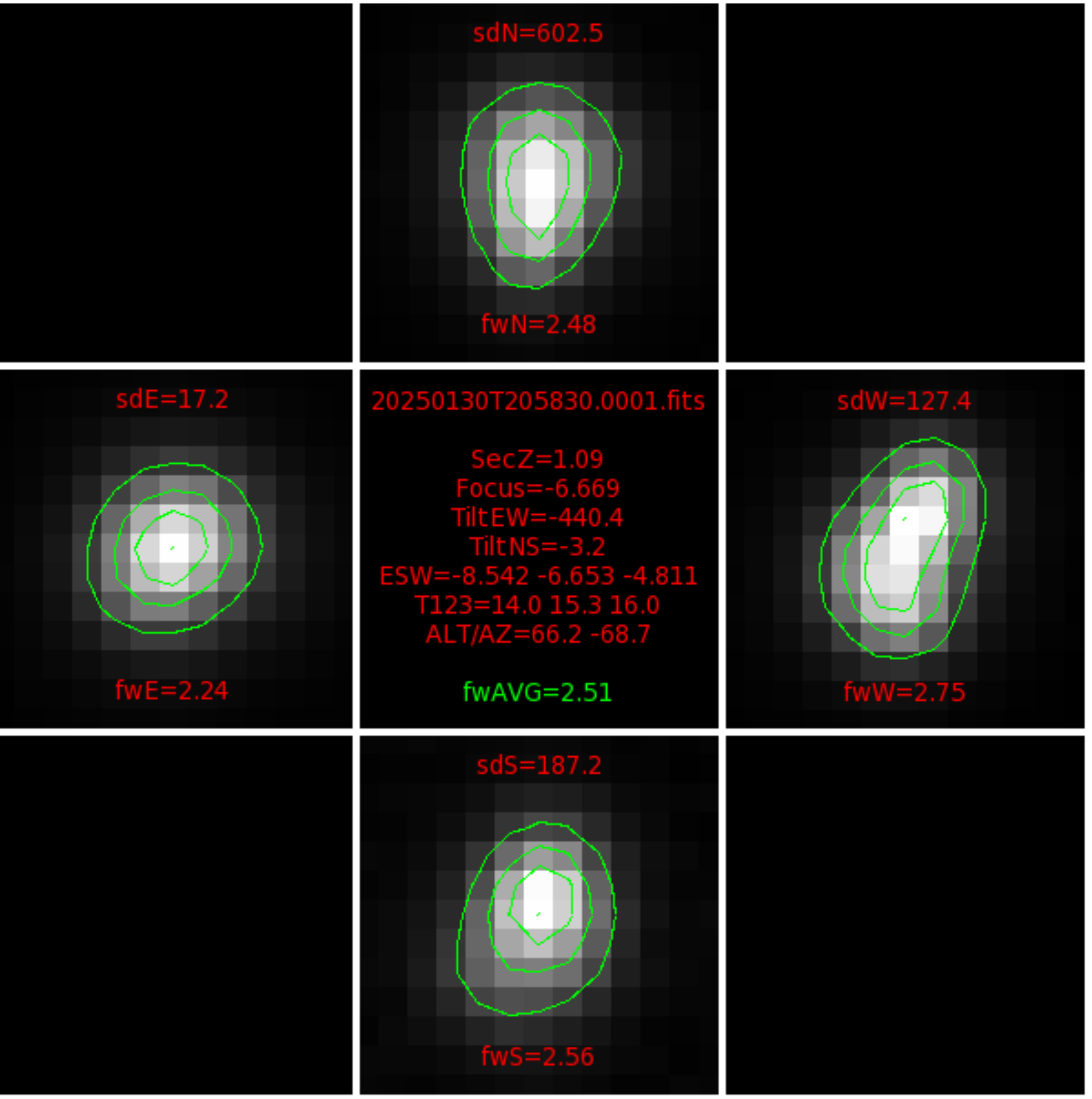

sdN=571.7
fwN=2.61
sdE=13.8
fwE=2.32
20250130T205800.0001.fits
SecZ=1.09
Focus=-6.669
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.542 -6.653 -4.811
T123=14.0 15.3 16.0
ALT/AZ=66.3 -68.6
fwAVG=2.57
sdW=96.9
fwW=2.79
sdS=152.8
fwS=2.57
0 0 0 0 0 0 0 0 0


sdN=602.5
fwN=2.48
sdE=17.2
fwE=2.24
20250130T205830.0001.fits
SecZ=1.09
Focus=-6.669
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.542 -6.653 -4.811
T123=14.0 15.3 16.0
ALT/AZ=66.2 -68.7
fwAVG=2.51
sdW=127.4
fwW=2.75
sdS=187.2
fwS=2.56
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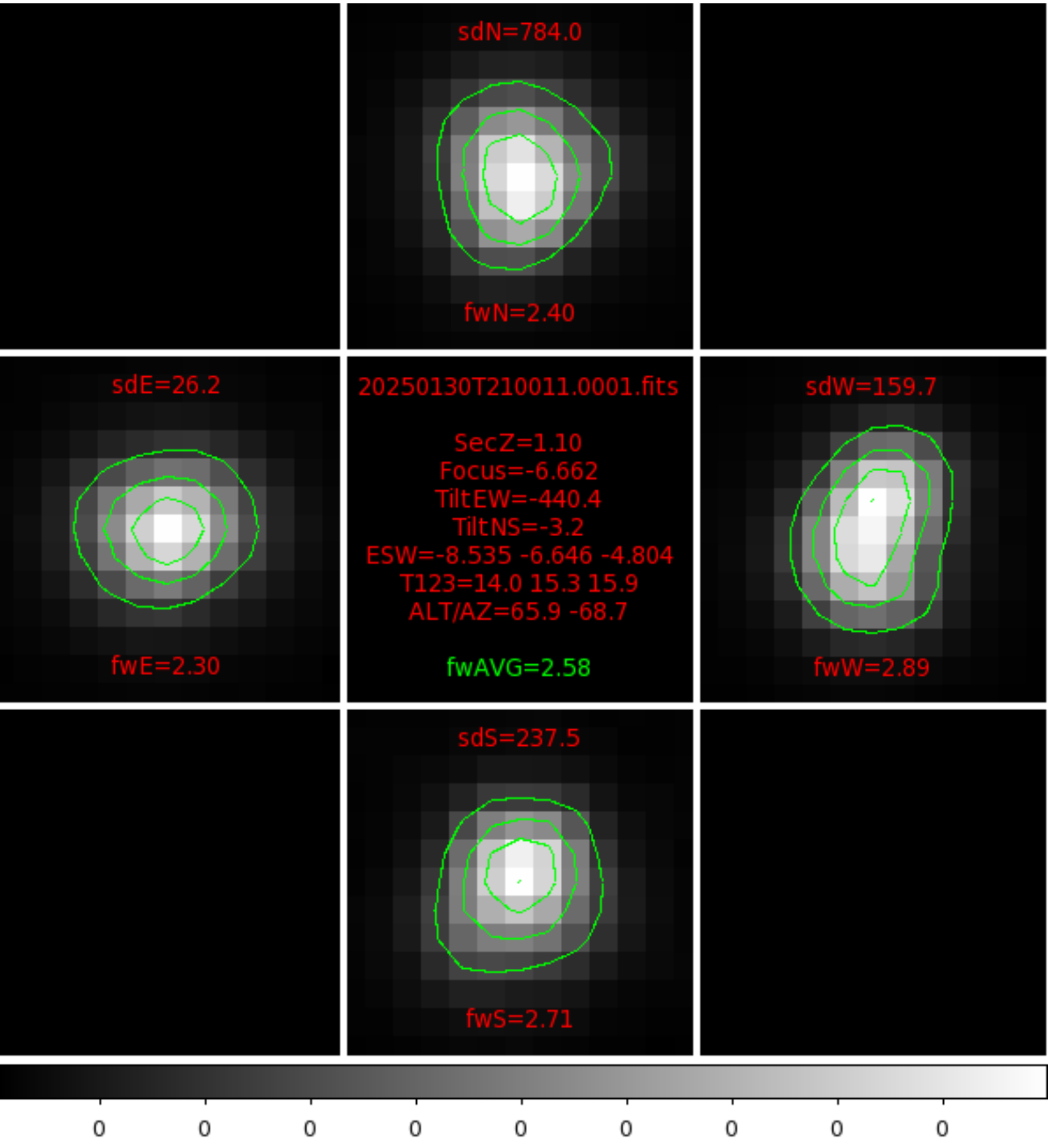
sdN=784.0
fwN=2.40
sdE=26.2
fwE=2.30
20250130T210011.0001.fits
SecZ=1.10
Focus=-6.662
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.535 -6.646 -4.804
T123=14.0 15.3 15.9
ALT/AZ=65.9 -68.7
fwAVG=2.58
sdW=159.7
fwW=2.89
sdS=237.5
fwS=2.71
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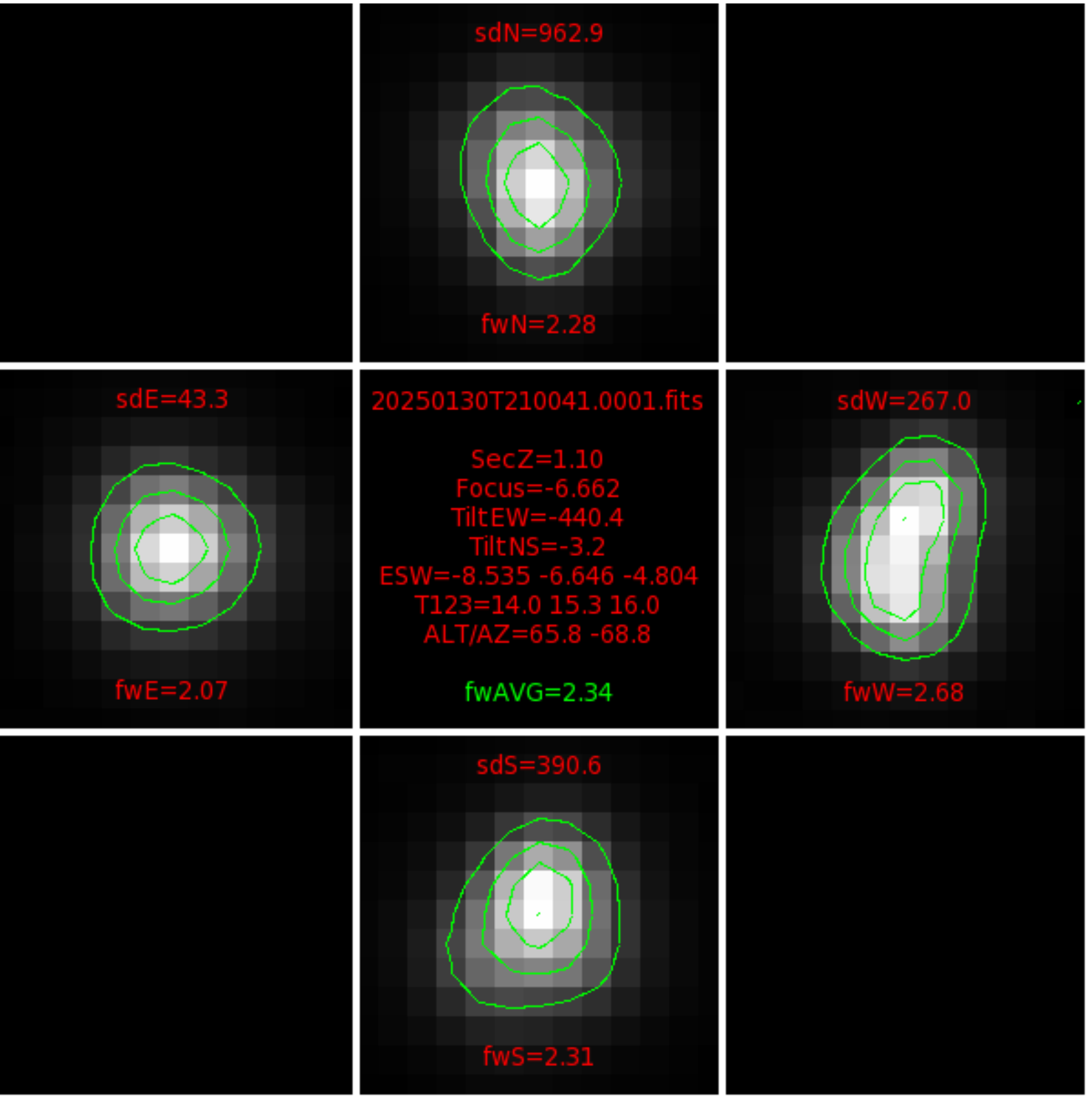
sdN=962.9
fwN=2.28
sdE=43.3
fwE=2.07
20250130T210041.0001.fits
SecZ=1.10
Focus=-6.662
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.535 -6.646 -4.804
T123=14.0 15.3 16.0
ALT/AZ=65.8 -68.8
fwAVG=2.34
sdW=267.0
fwW=2.68
sdS=390.6
fwS=2.31
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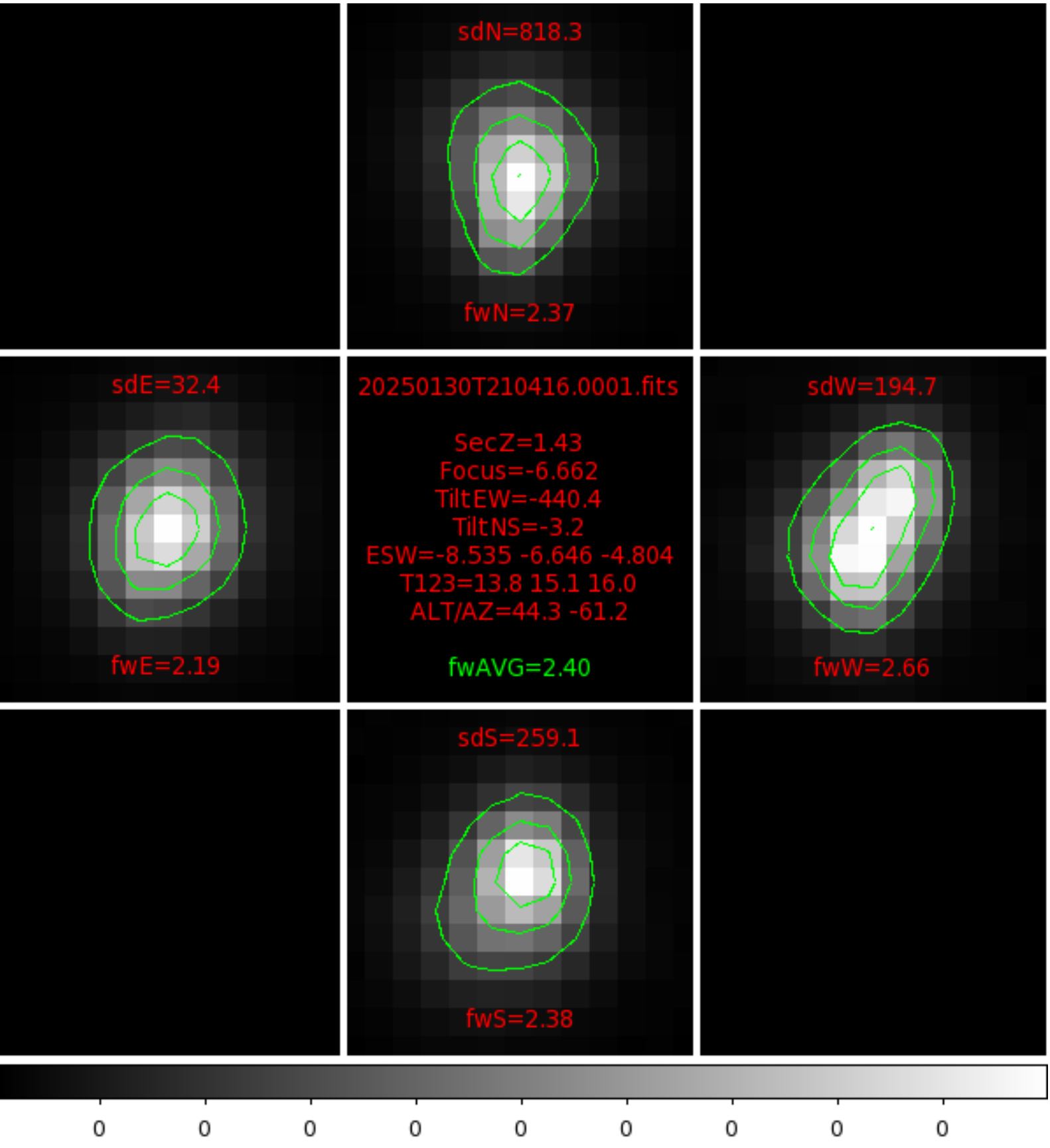
sdN=818.3
fwN=2.37
sdE=32.4
fwE=2.19
20250130T210416.0001.fits
SecZ=1.43
Focus=-6.662
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.535 -6.646 -4.804
T123=13.8 15.1 16.0
ALT/AZ=44.3 -61.2
fwAVG=2.40
sdW=194.7
fwW=2.66
sdS=259.1
fwS=2.38
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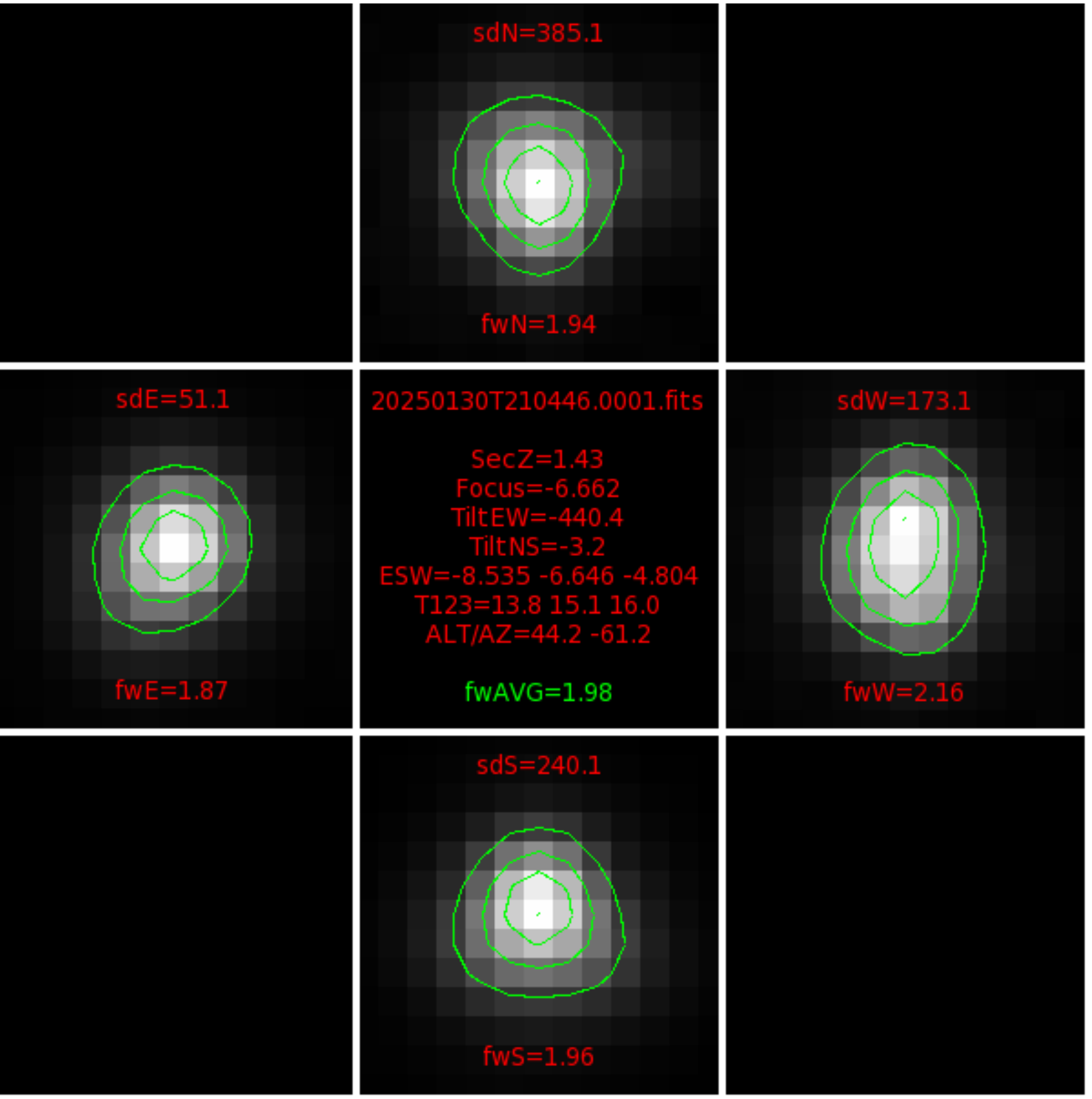
sdN=385.1
fwN=1.94
sdE=51.1
fwE=1.87
20250130T210446.0001.fits
SecZ=1.43
Focus=-6.662
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.535 -6.646 -4.804
T123=13.8 15.1 16.0
ALT/AZ=44.2 -61.2
fwAVG=1.98
sdW=173.1
fwW=2.16
sdS=240.1
fwS=1.96
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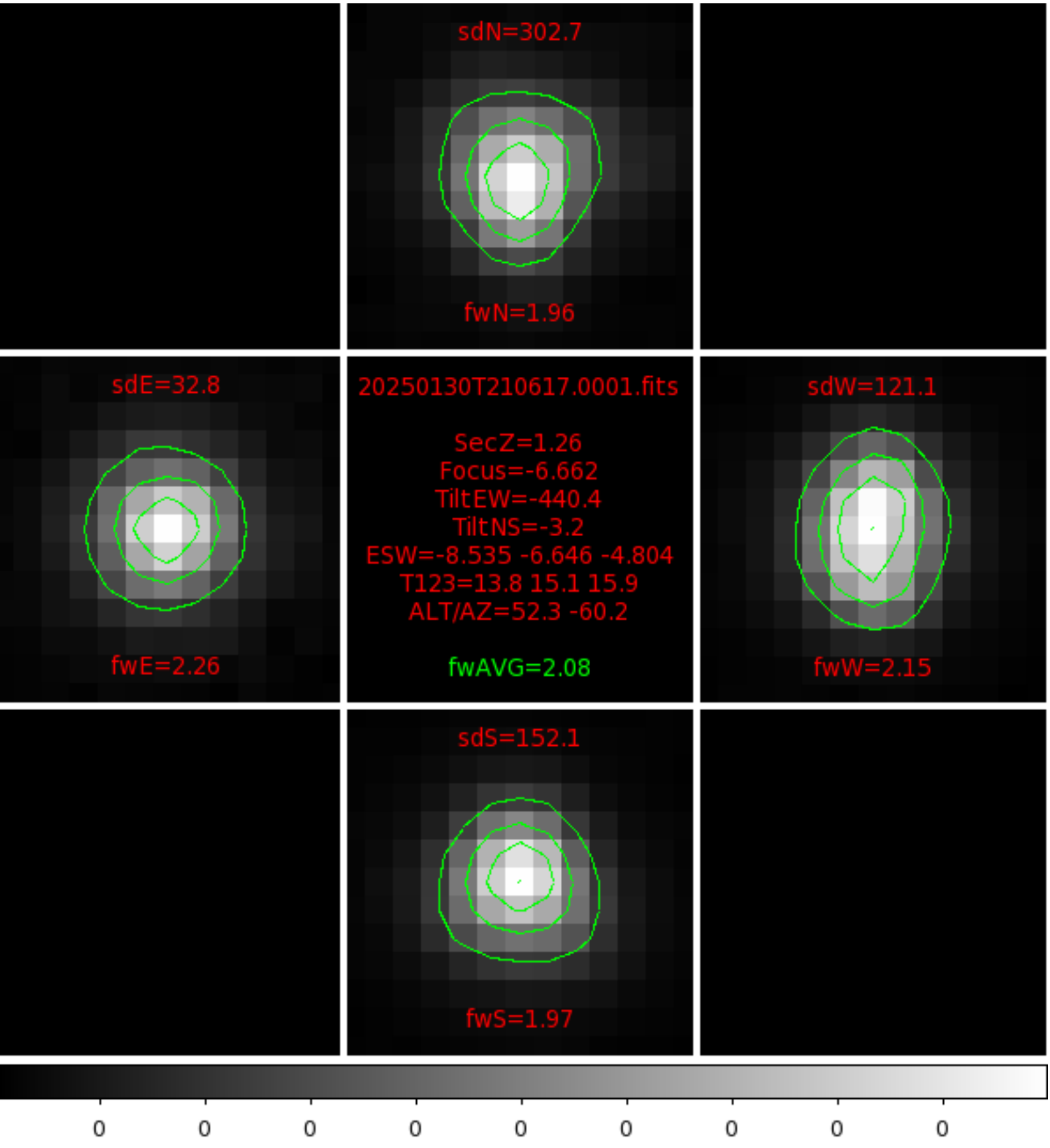
sdN=302.7
fwN=1.96
sdE=32.8
fwE=2.26
20250130T210617.0001.fits
SecZ=1.26
Focus=-6.662
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.535 -6.646 -4.804
T123=13.8 15.1 15.9
ALT/AZ=52.3 -60.2
fwAVG=2.08
sdW=121.1
fwW=2.15
sdS=152.1
fwS=1.97
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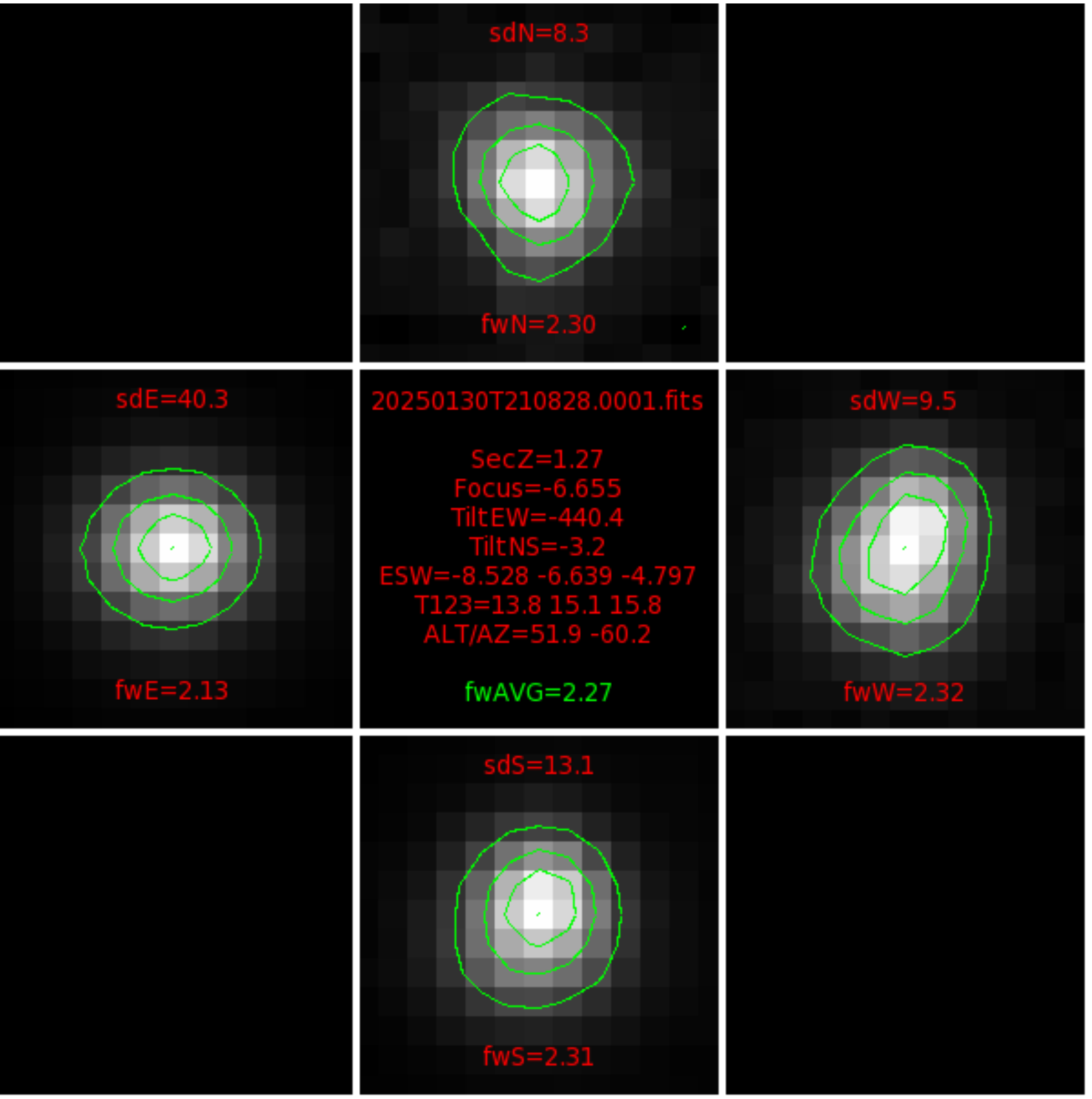
sdN=8.3
fwN=2.30
sdE=40.3
fwE=2.13
20250130T210828.0001.fits
SecZ=1.27
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=13.8 15.1 15.8
ALT/AZ=51.9 -60.2
fwAVG=2.27
sdW=9.5
fwW=2.32
sdS=13.1
fwS=2.31
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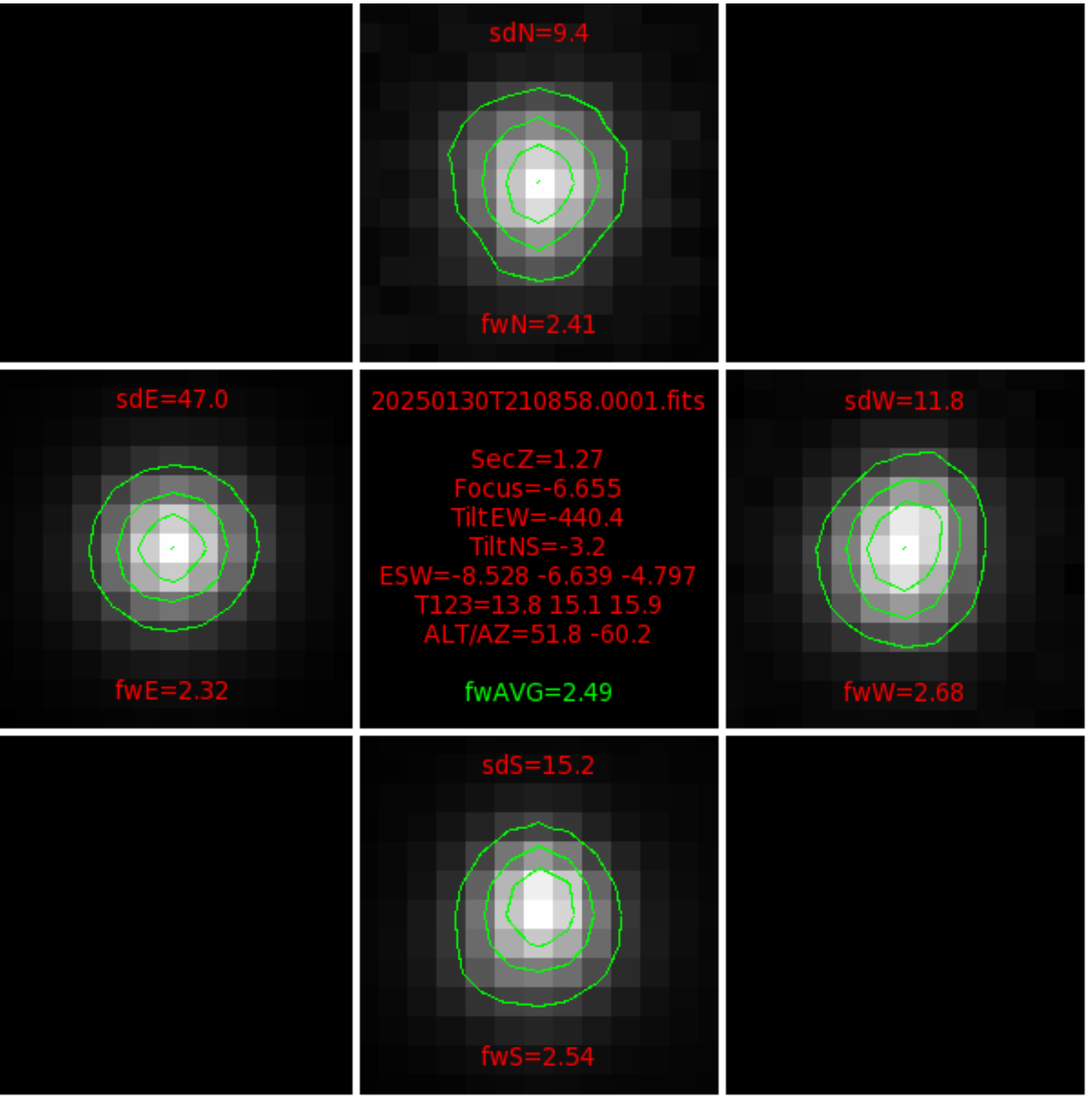
sdN=9.4
fwN=2.41
sdE=47.0
fwE=2.32
20250130T210858.0001.fits
SecZ=1.27
Focus=-6.655
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.528 -6.639 -4.797
T123=13.8 15.1 15.9
ALT/AZ=51.8 -60.2
fwAVG=2.49
sdW=11.8
fwW=2.68
sdS=15.2
fwS=2.54
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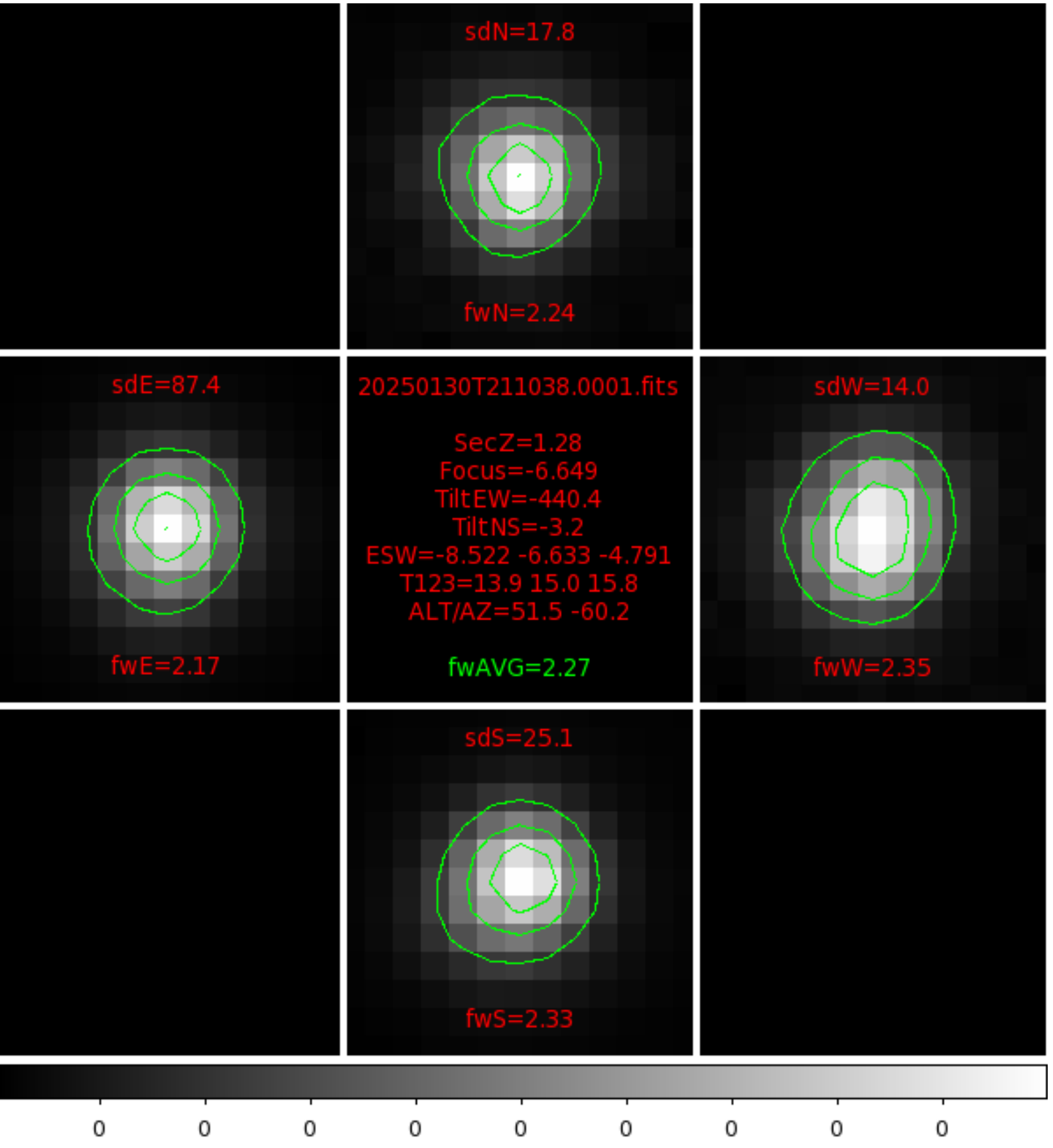
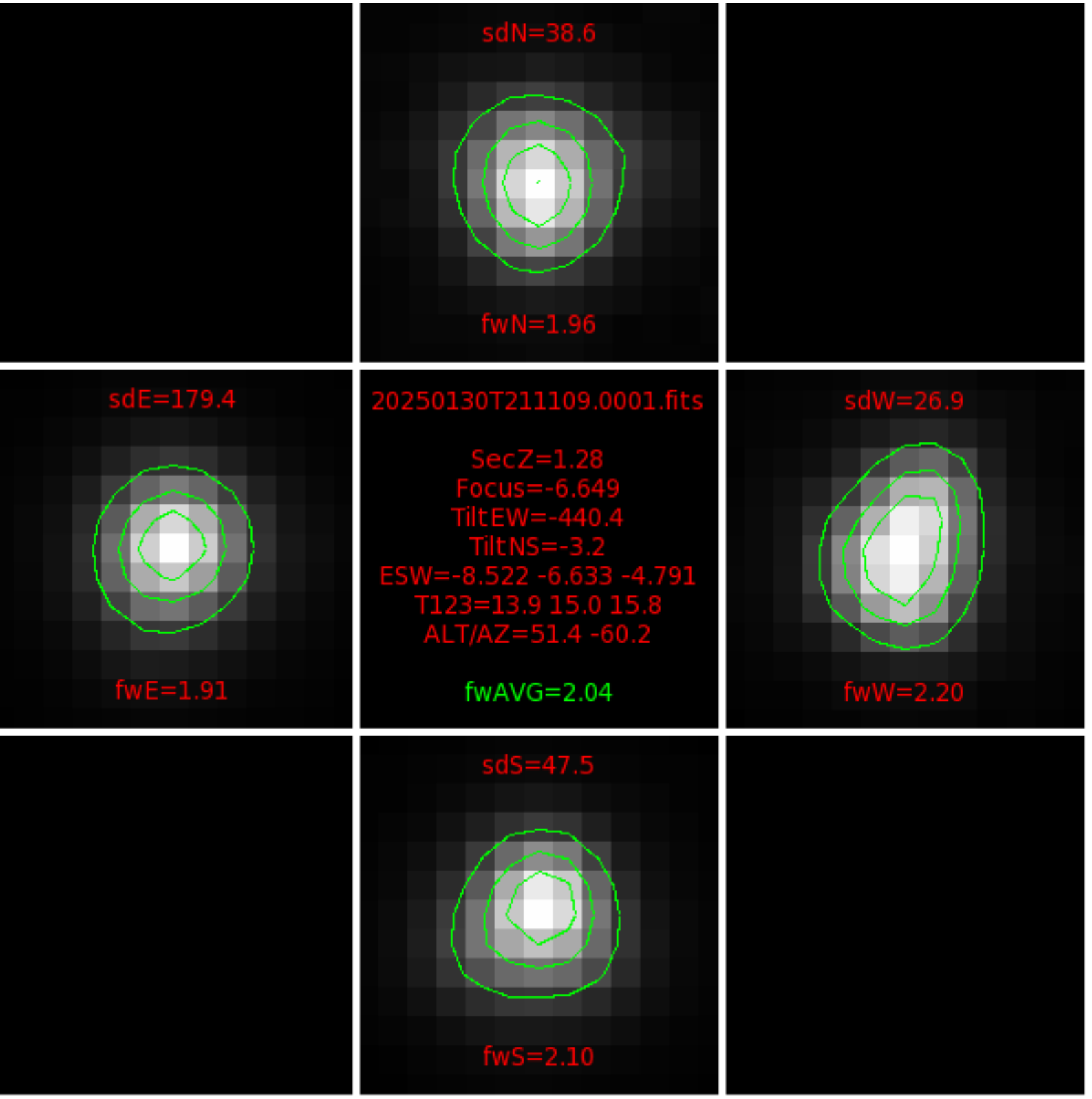
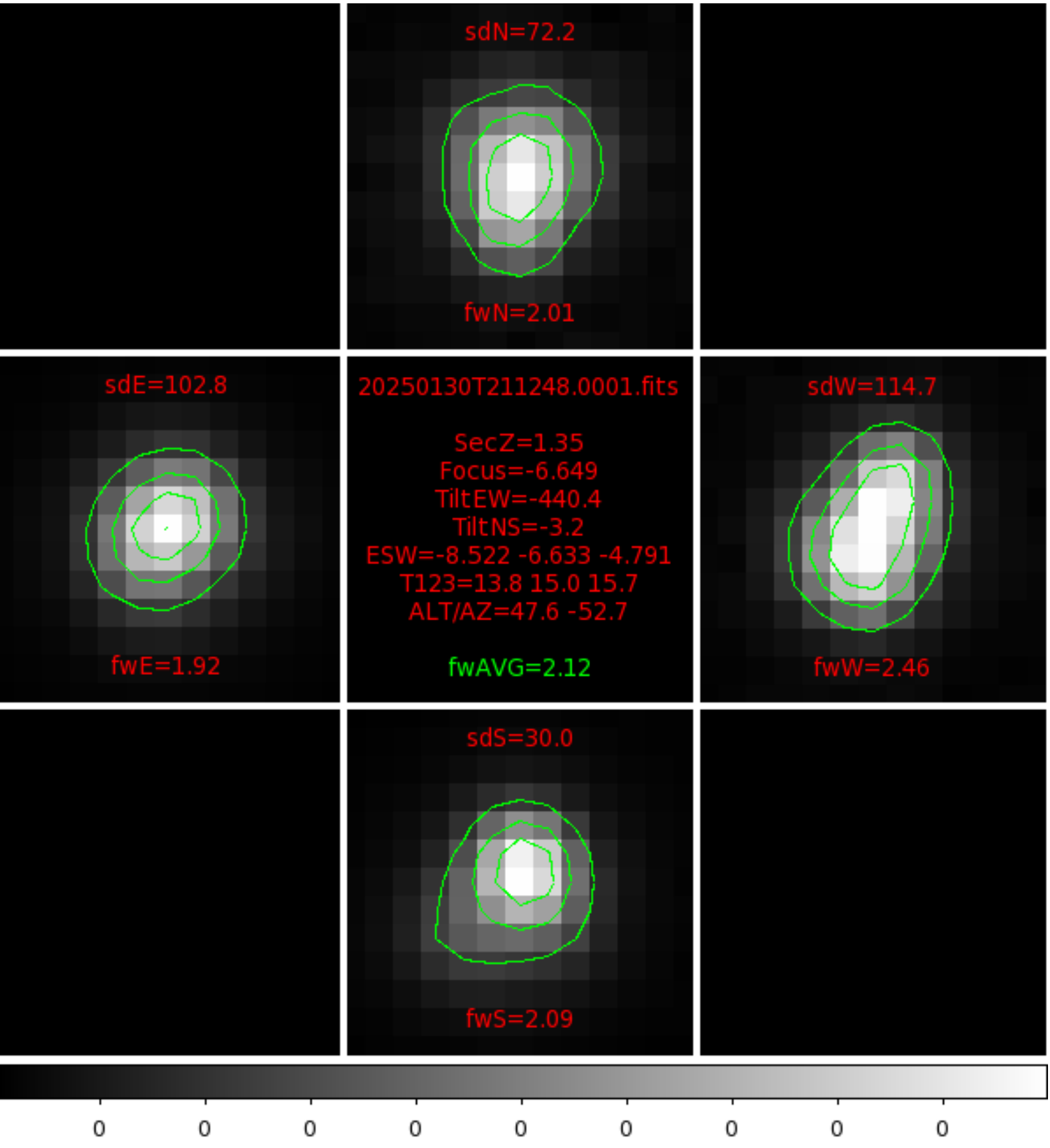
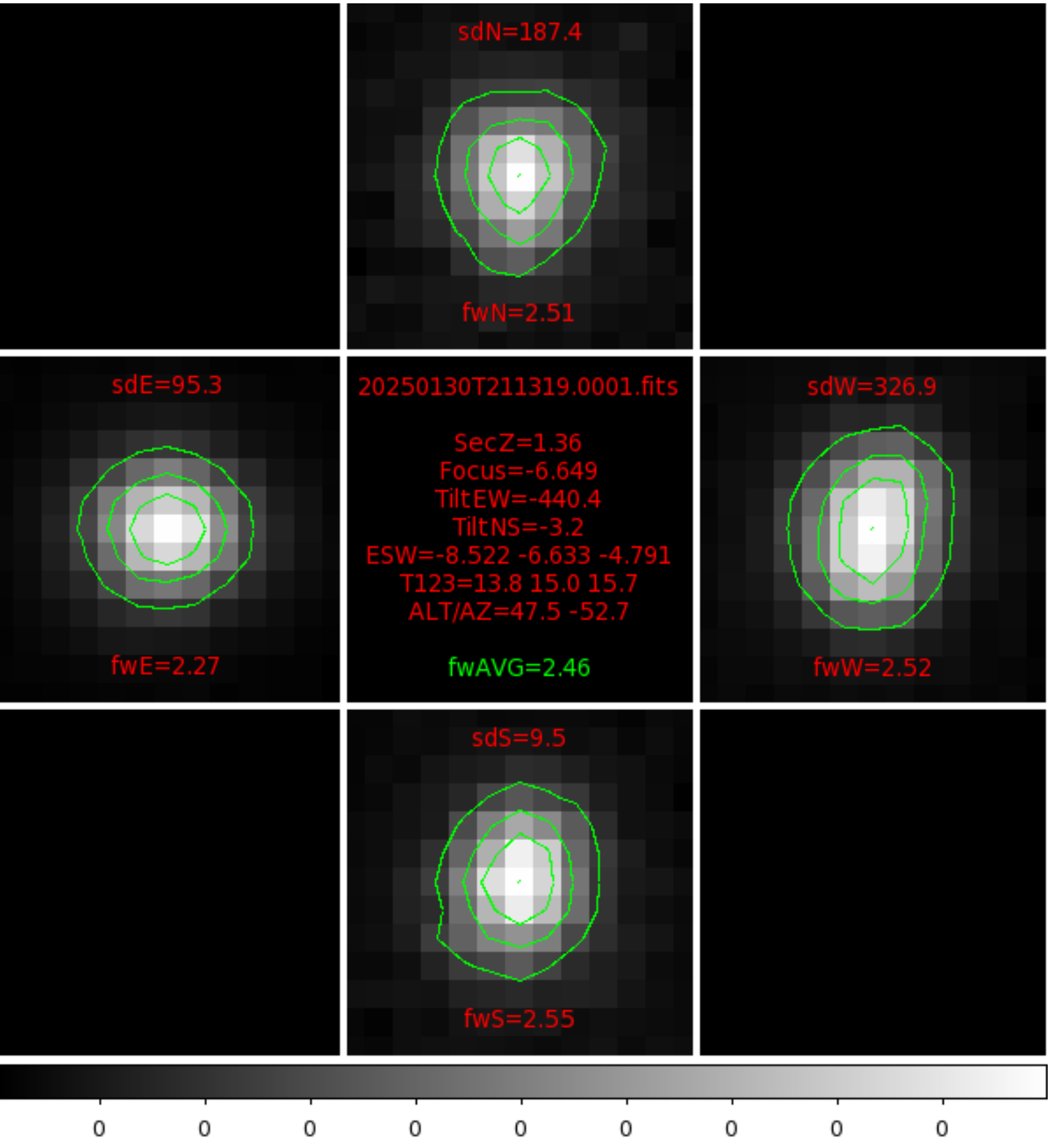

sdN=17.8
fwN=2.24
sdE=87.4
fwE=2.17
20250130T211038.0001.fits
SecZ=1.28
Focus=-6.649
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.522 -6.633 -4.791
T123=13.9 15.0 15.8
ALT/AZ=51.5 -60.2
fwAVG=2.27
sdW=14.0
fwW=2.35
sdS=25.1
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=38.6
fwN=1.96
sdE=179.4
fwE=1.91
20250130T211109.0001.fits
SecZ=1.28
Focus=-6.649
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.522 -6.633 -4.791
T123=13.9 15.0 15.8
ALT/AZ=51.4 -60.2
fwAVG=2.04
sdW=26.9
fwW=2.20
sdS=47.5
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=72.2
fwN=2.01
sdE=102.8
fwE=1.92
20250130T211248.0001.fits
SecZ=1.35
Focus=-6.649
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.522 -6.633 -4.791
T123=13.8 15.0 15.7
ALT/AZ=47.6 -52.7
fwAVG=2.12
sdW=114.7
fwW=2.46
sdS=30.0
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=187.4
fwN=2.51
sdE=95.3
fwE=2.27
20250130T211319.0001.fits
SecZ=1.36
Focus=-6.649
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.522 -6.633 -4.791
T123=13.8 15.0 15.7
ALT/AZ=47.5 -52.7
fwAVG=2.46
sdW=326.9
fwW=2.52
sdS=9.5
fwS=2.55
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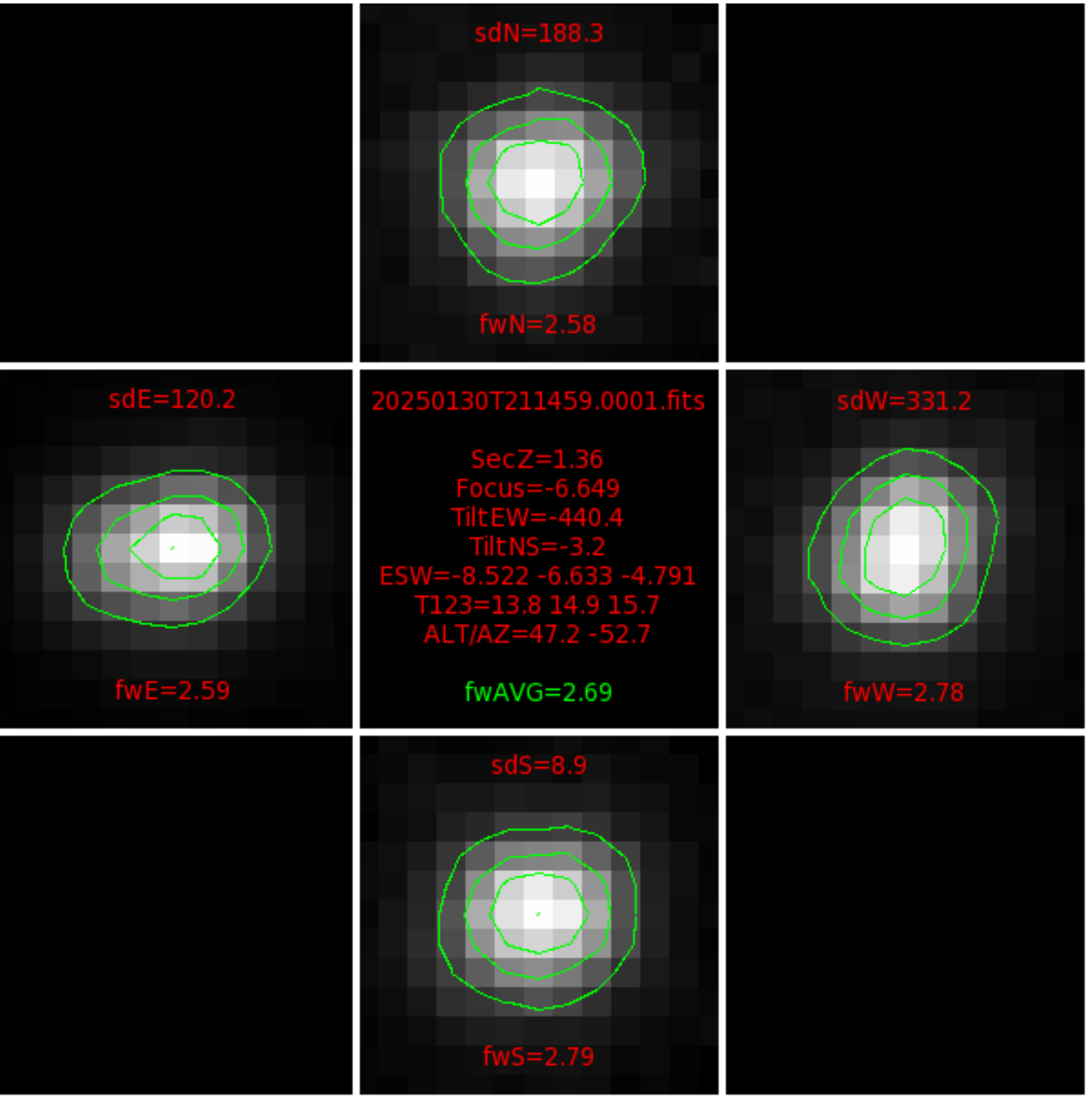
sdN=188.3
fwN=2.58
sdE=120.2
fwE=2.59
20250130T211459.0001.fits
SecZ=1.36
Focus=-6.649
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.522 -6.633 -4.791
T123=13.8 14.9 15.7
ALT/AZ=47.2 -52.7
fwAVG=2.69
sdW=331.2
fwW=2.78
sdS=8.9
fwS=2.79
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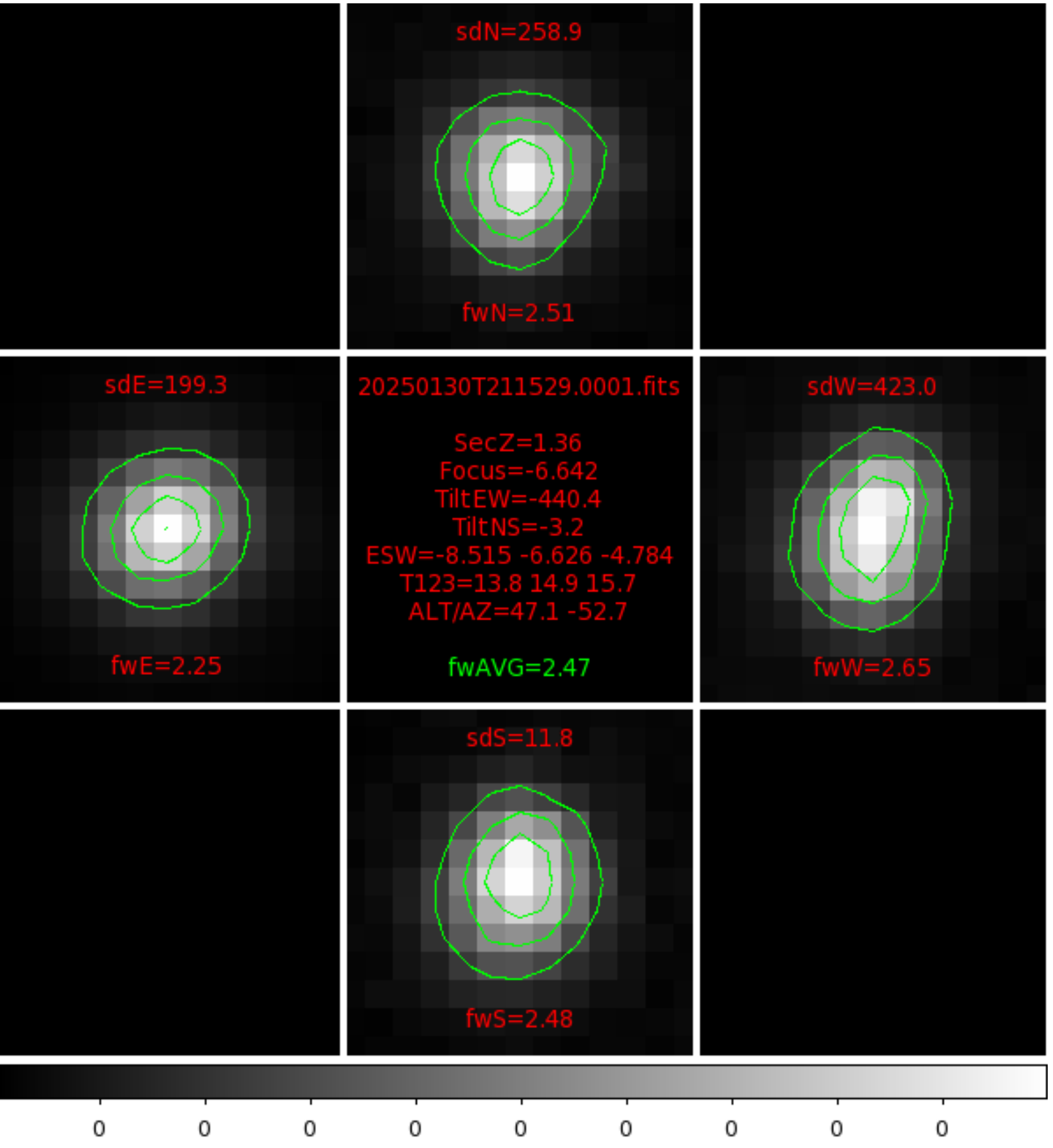
sdN=258.9
fwN=2.51
sdE=199.3
fwE=2.25
20250130T211529.0001.fits
SecZ=1.36
Focus=-6.642
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.515 -6.626 -4.784
T123=13.8 14.9 15.7
ALT/AZ=47.1 -52.7
fwAVG=2.47
sdW=423.0
fwW=2.65
sdS=11.8
fwS=2.48
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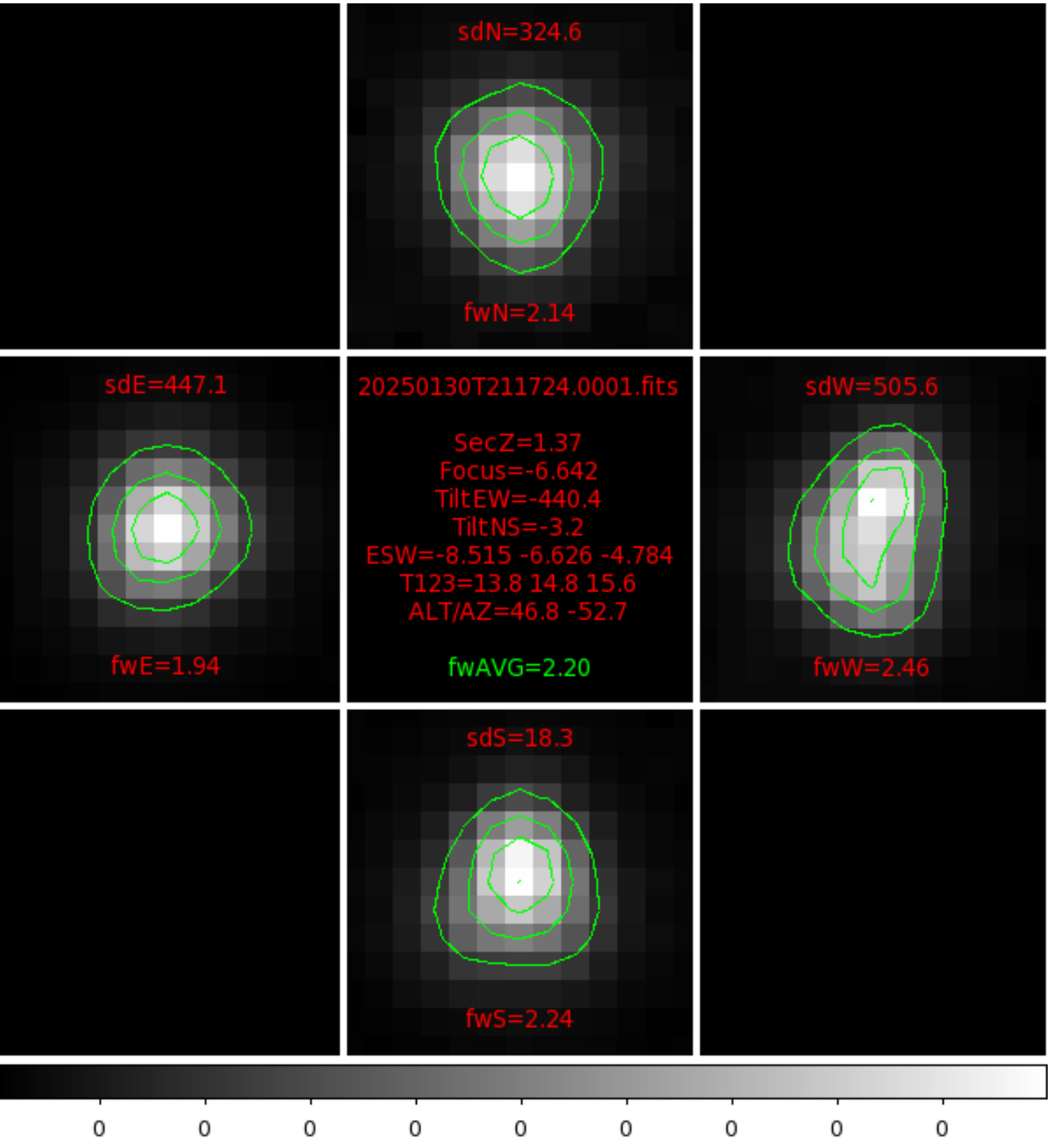
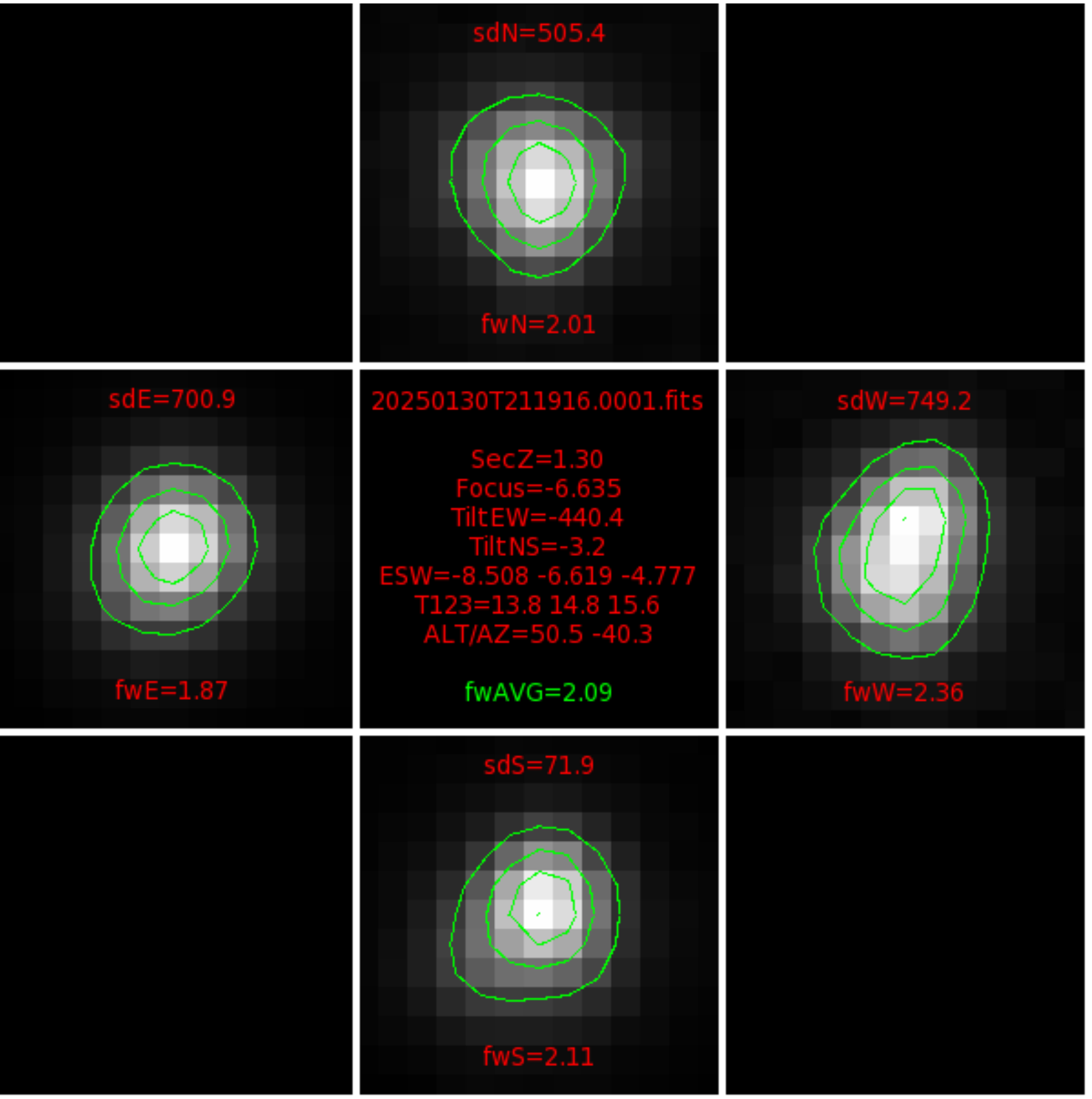

sdN=324.6
fwN=2.14
sdE=447.1
fwE=1.94
20250130T211724.0001.fits
SecZ=1.37
Focus=-6.642
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.515 -6.626 -4.784
T123=13.8 14.8 15.6
ALT/AZ=46.8 -52.7
fwAVG=2.20
sdW=505.6
fwW=2.46
sdS=18.3
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=505.4
fwN=2.01
sdE=700.9
fwE=1.87
20250130T211916.0001.fits
SecZ=1.30
Focus=-6.635
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.508 -6.619 -4.777
T123=13.8 14.8 15.6
ALT/AZ=50.5 -40.3
fwAVG=2.09
sdW=749.2
fwW=2.36
sdS=71.9
fwS=2.11
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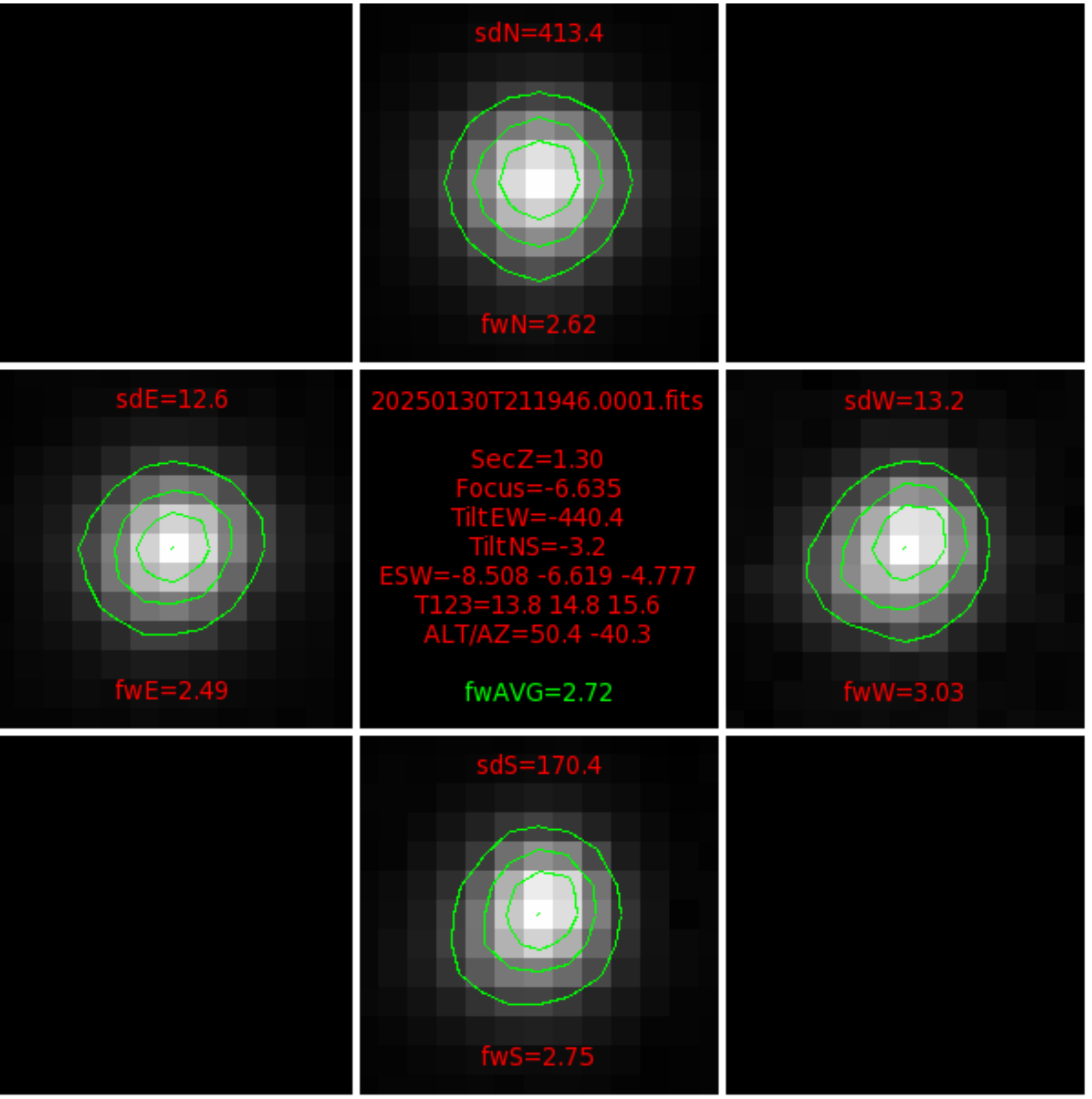
sdN=413.4
fwN=2.62
sdE=12.6
fwE=2.49
20250130T211946.0001.fits
SecZ=1.30
Focus=-6.635
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.508 -6.619 -4.777
T123=13.8 14.8 15.6
ALT/AZ=50.4 -40.3
fwAVG=2.72
sdW=13.2
fwW=3.03
sdS=170.4
fwS=2.75
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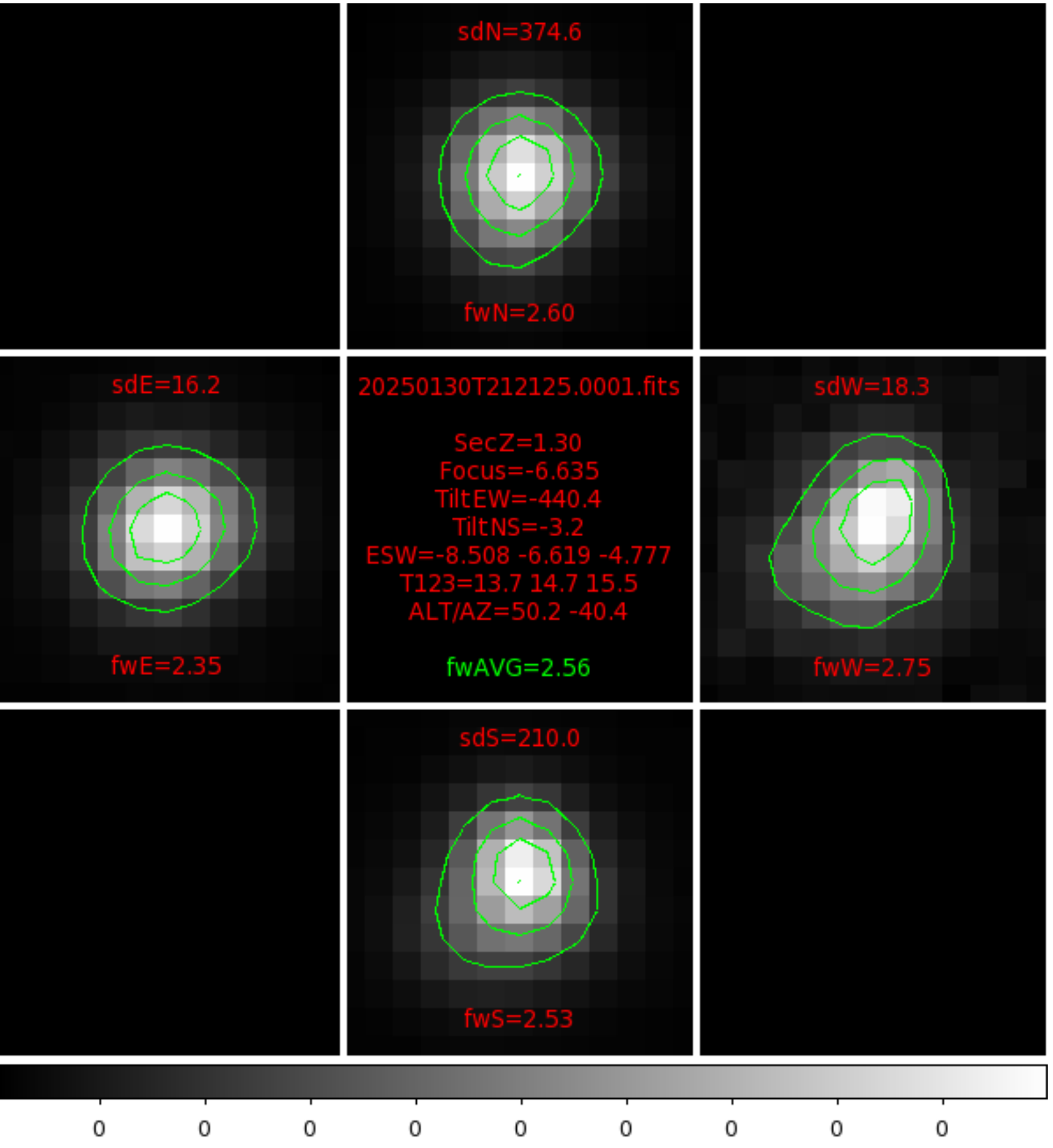
sdN=374.6
fwN=2.60
sdE=16.2
fwE=2.35
20250130T212125.0001.fits
SecZ=1.30
Focus=-6.635
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.508 -6.619 -4.777
T123=13.7 14.7 15.5
ALT/AZ=50.2 -40.4
fwAVG=2.56
sdW=18.3
fwW=2.75
sdS=210.0
fwS=2.53
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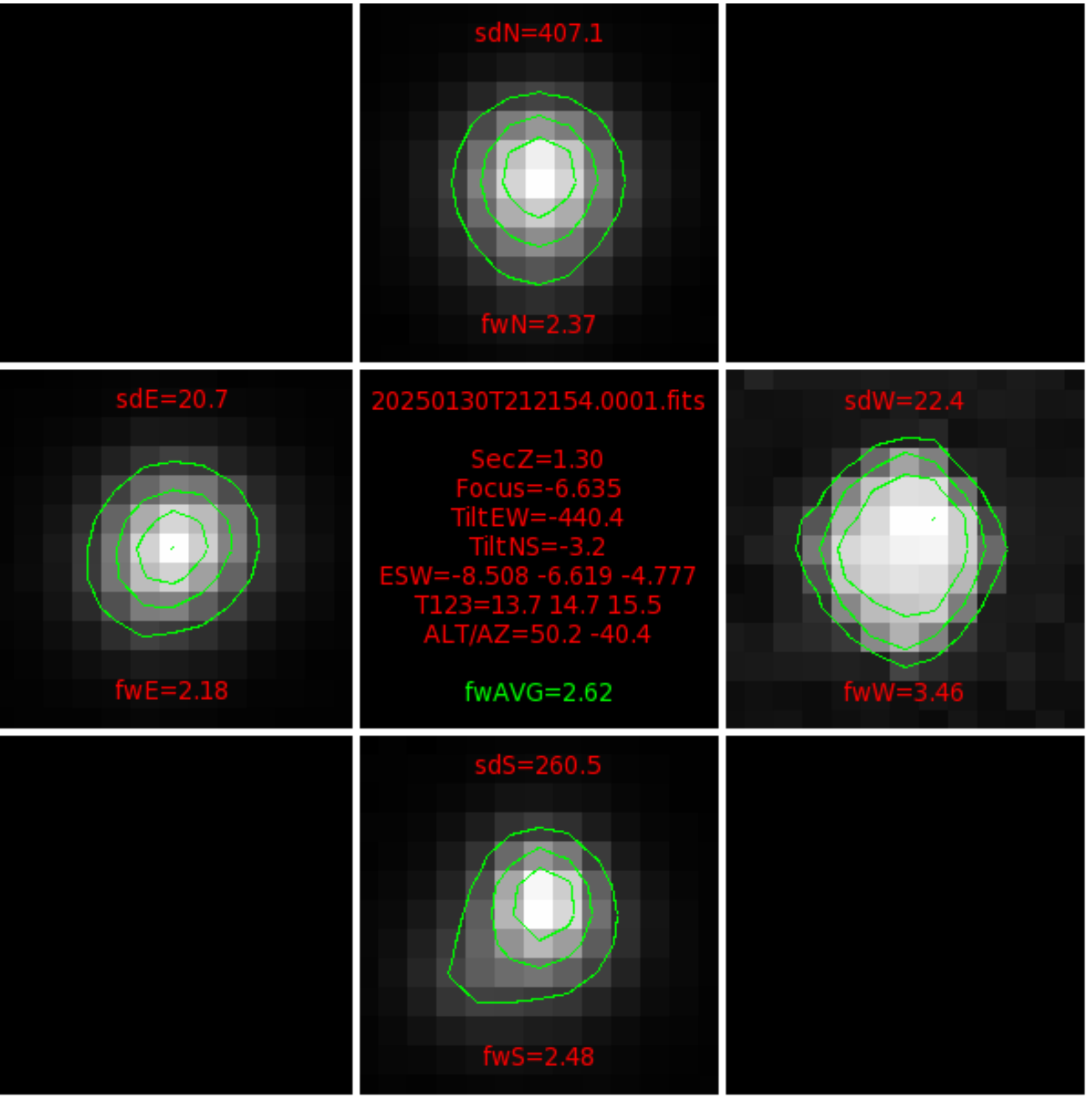
sdN=407.1
fwN=2.37
sdE=20.7
fwE=2.18
20250130T212154.0001.fits
SecZ=1.30
Focus=-6.635
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.508 -6.619 -4.777
T123=13.7 14.7 15.5
ALT/AZ=50.2 -40.4
fwAVG=2.62
sdW=22.4
fwW=3.46
sdS=260.5
fwS=2.48
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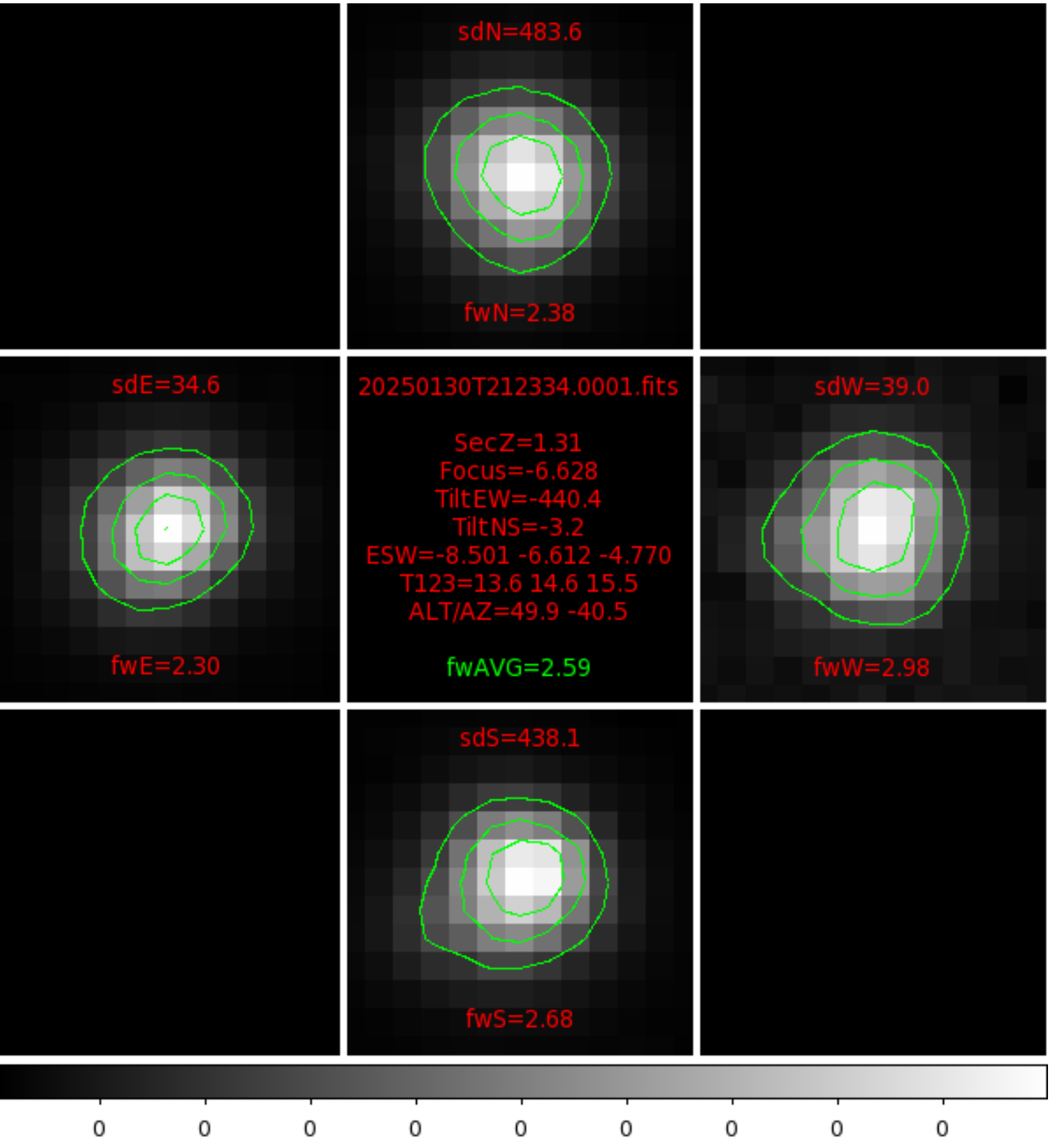
sdN=483.6
fwN=2.38
sdE=34.6
fwE=2.30
20250130T212334.0001.fits
SecZ=1.31
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=13.6 14.6 15.5
ALT/AZ=49.9 -40.5
fwAVG=2.59
sdW=39.0
fwW=2.98
sdS=438.1
fwS=2.68
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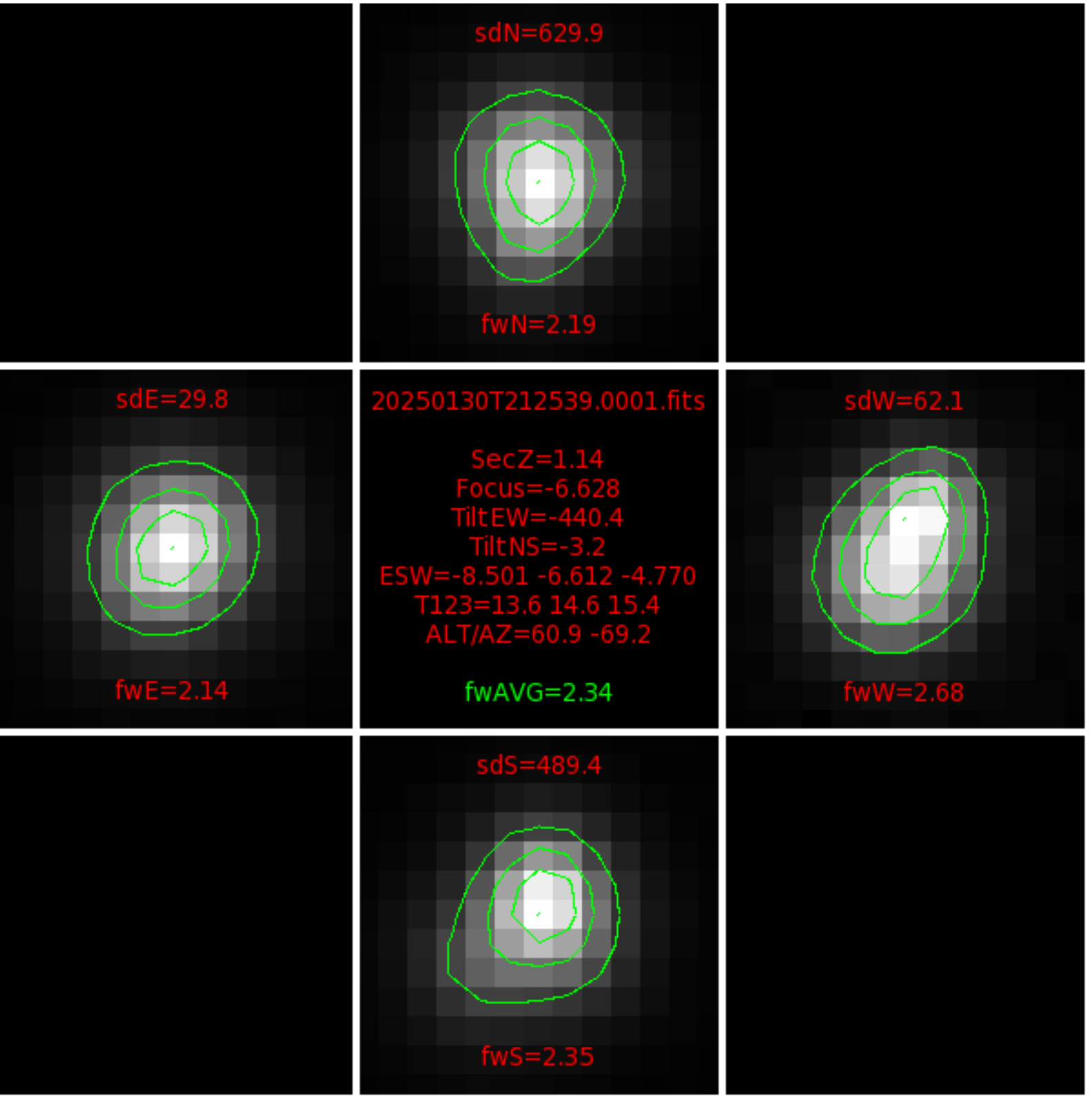
sdN=629.9
fwN=2.19
sdE=29.8
fwE=2.14
20250130T212539.0001.fits
SecZ=1.14
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=13.6 14.6 15.4
ALT/AZ=60.9 -69.2
fwAVG=2.34
sdW=62.1
fwW=2.68
sdS=489.4
fwS=2.35
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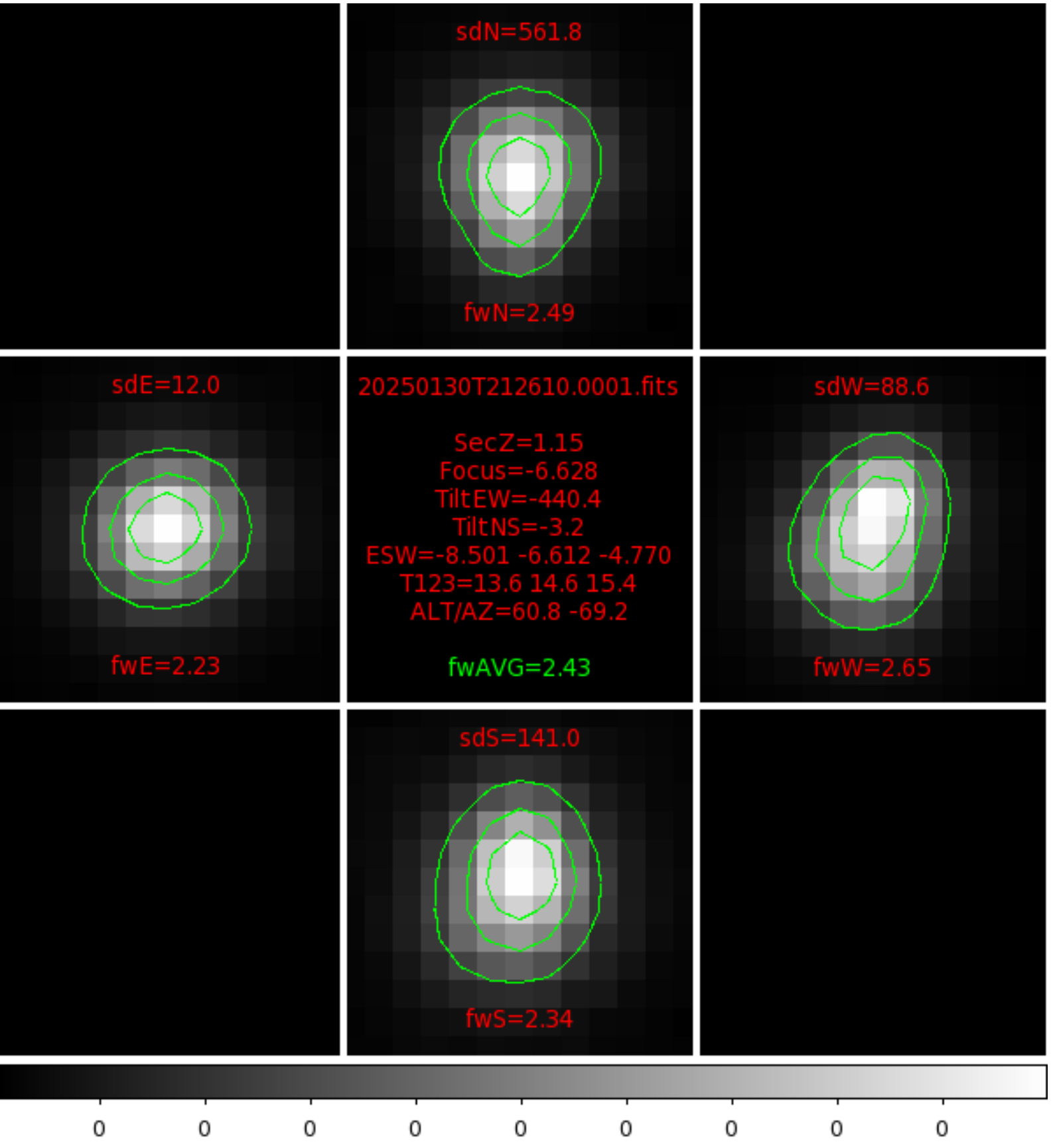
sdN=561.8
fwN=2.49
sdE=12.0
fwE=2.23
20250130T212610.0001.fits
SecZ=1.15
Focus=-6.628
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.501 -6.612 -4.770
T123=13.6 14.6 15.4
ALT/AZ=60.8 -69.2
fwAVG=2.43
sdW=88.6
fwW=2.65
sdS=141.0
fwS=2.34
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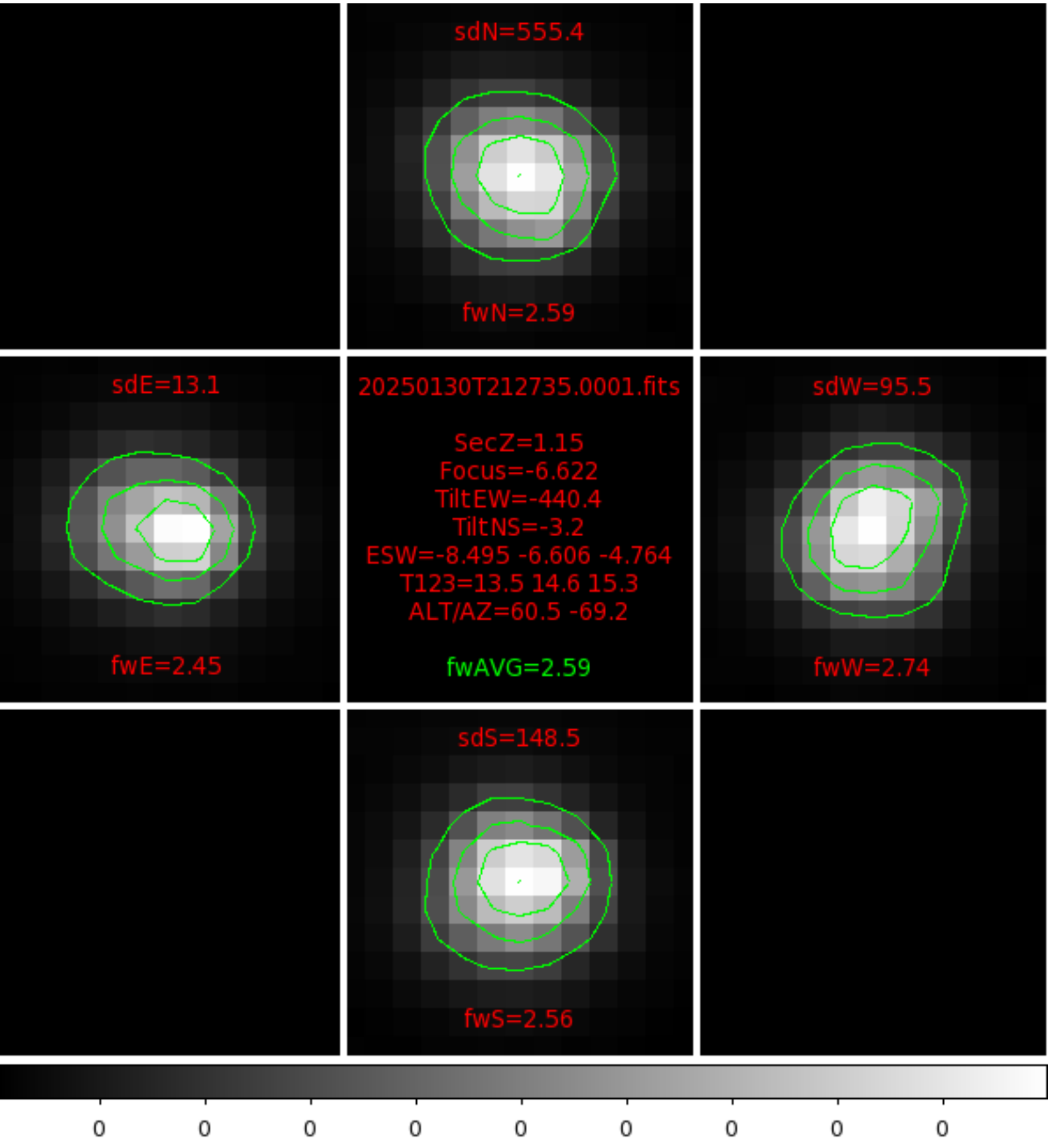
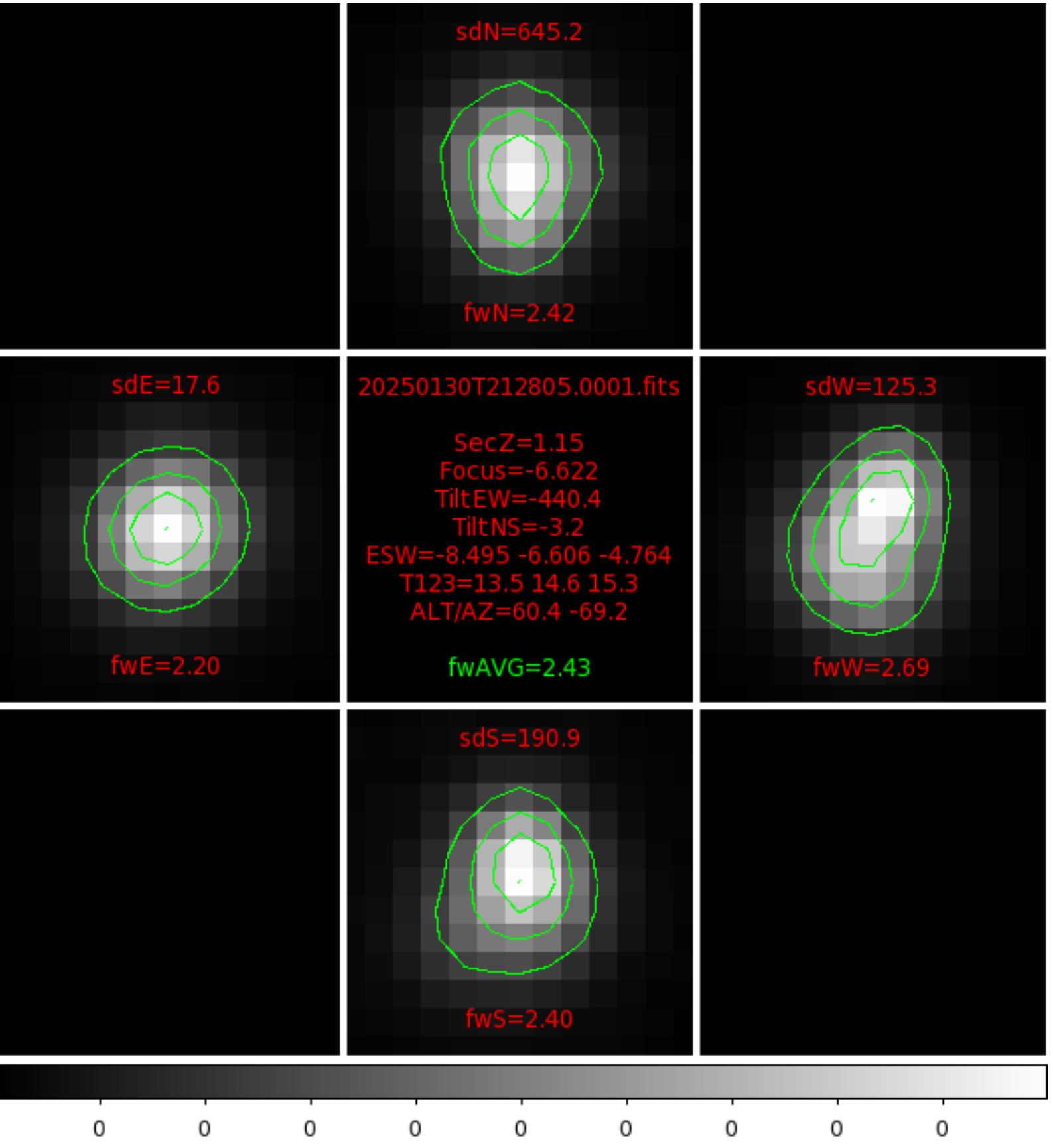

sdN=555.4
fwN=2.59
sdE=13.1
fwE=2.45
20250130T212735.0001.fits
SecZ=1.15
Focus=-6.622
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.495 -6.606 -4.764
T123=13.5 14.6 15.3
ALT/AZ=60.5 -69.2
fwAVG=2.59
sdW=95.5
fwW=2.74
sdS=148.5
fwS=2.56
0 0 0 0 0 0 0 0 0


sdN=645.2
fwN=2.42
sdE=17.6
fwE=2.20
20250130T212805.0001.fits
SecZ=1.15
Focus=-6.622
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.495 -6.606 -4.764
T123=13.5 14.6 15.3
ALT/AZ=60.4 -69.2
fwAVG=2.43
sdW=125.3
fwW=2.69
sdS=190.9
fwS=2.40
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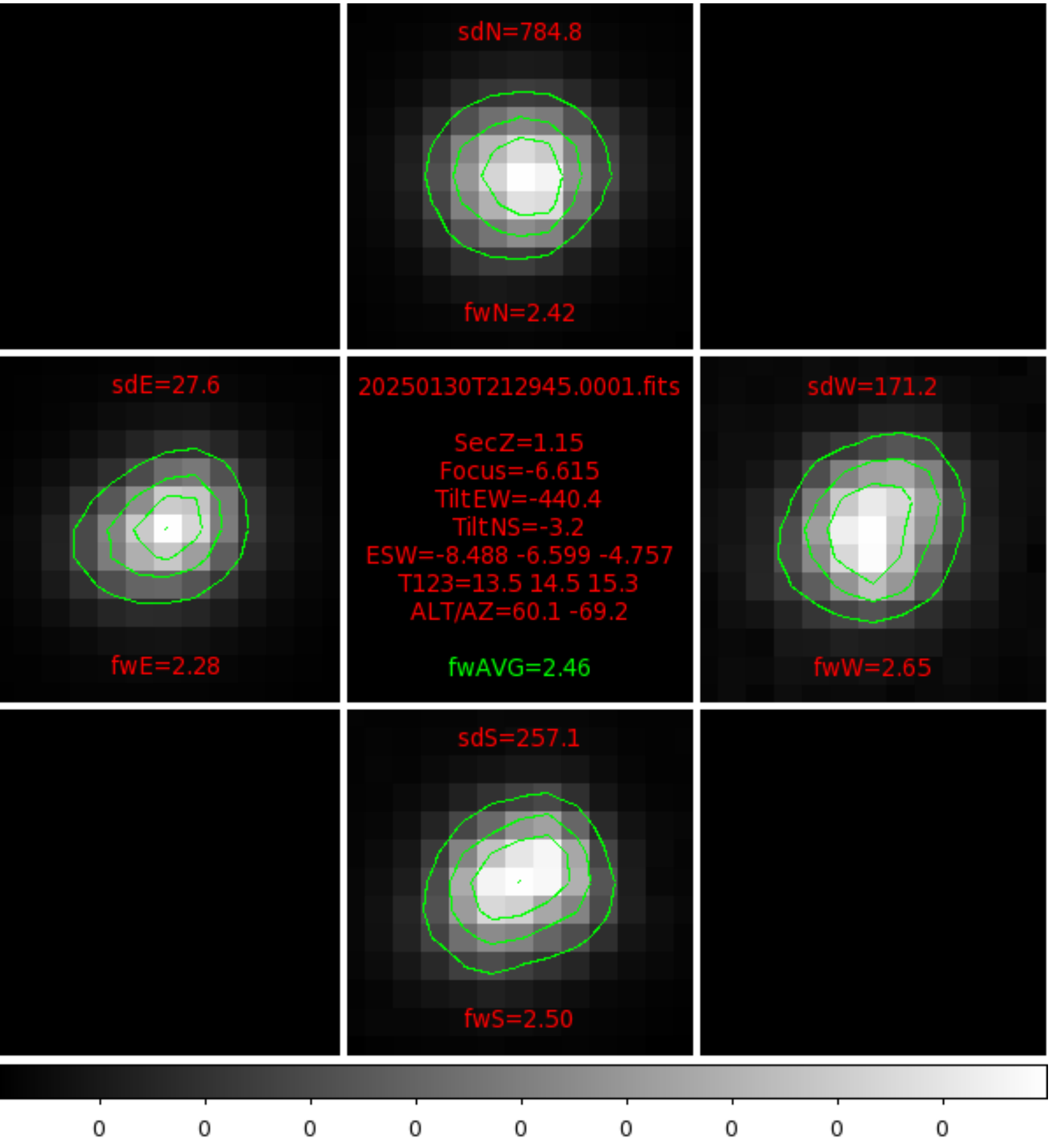
sdN=784.8
fwN=2.42
sdE=27.6
fwE=2.28
20250130T212945.0001.fits
SecZ=1.15
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=13.5 14.5 15.3
ALT/AZ=60.1 -69.2
fwAVG=2.46
sdW=171.2
fwW=2.65
sdS=257.1
fwS=2.50
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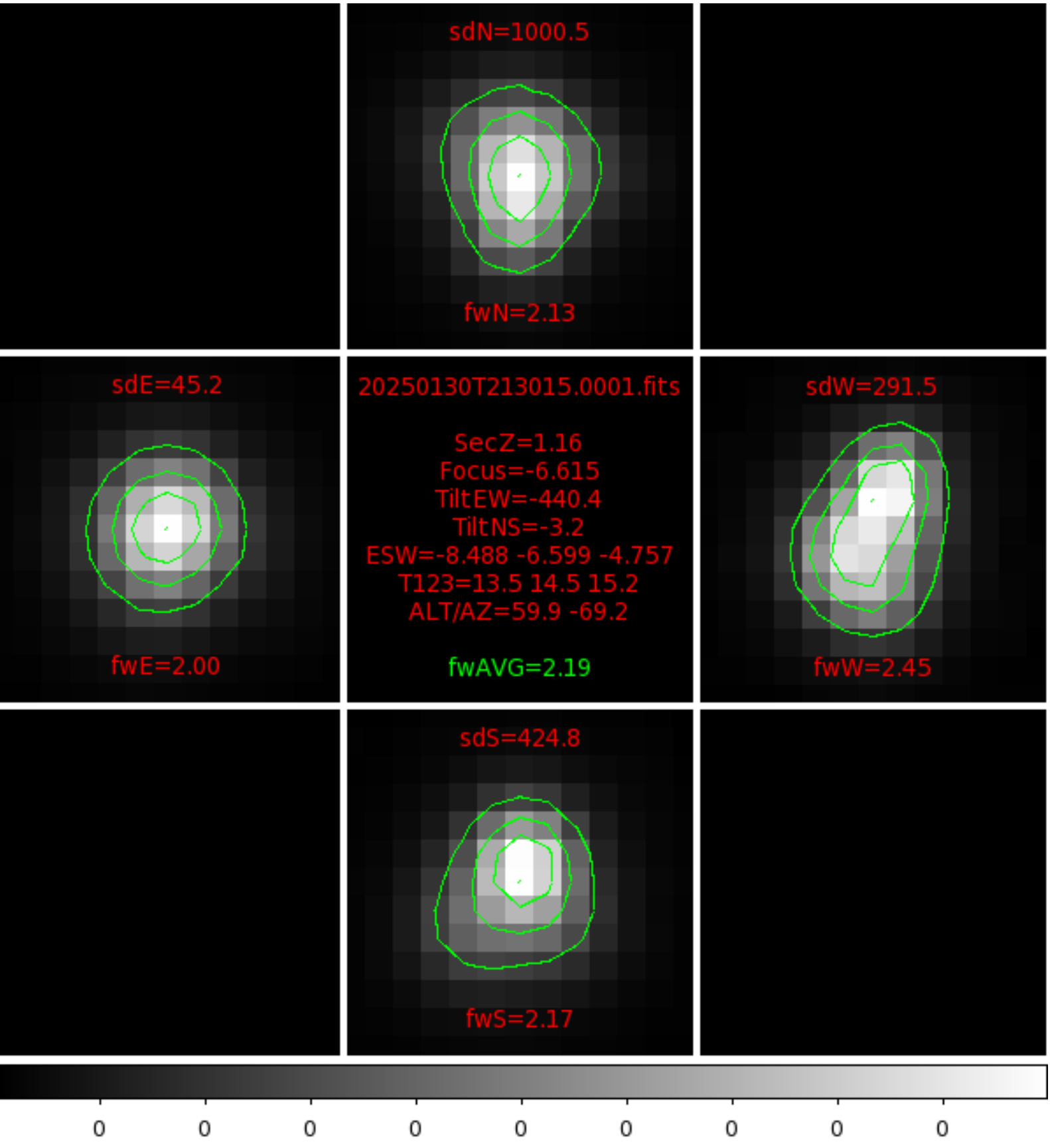
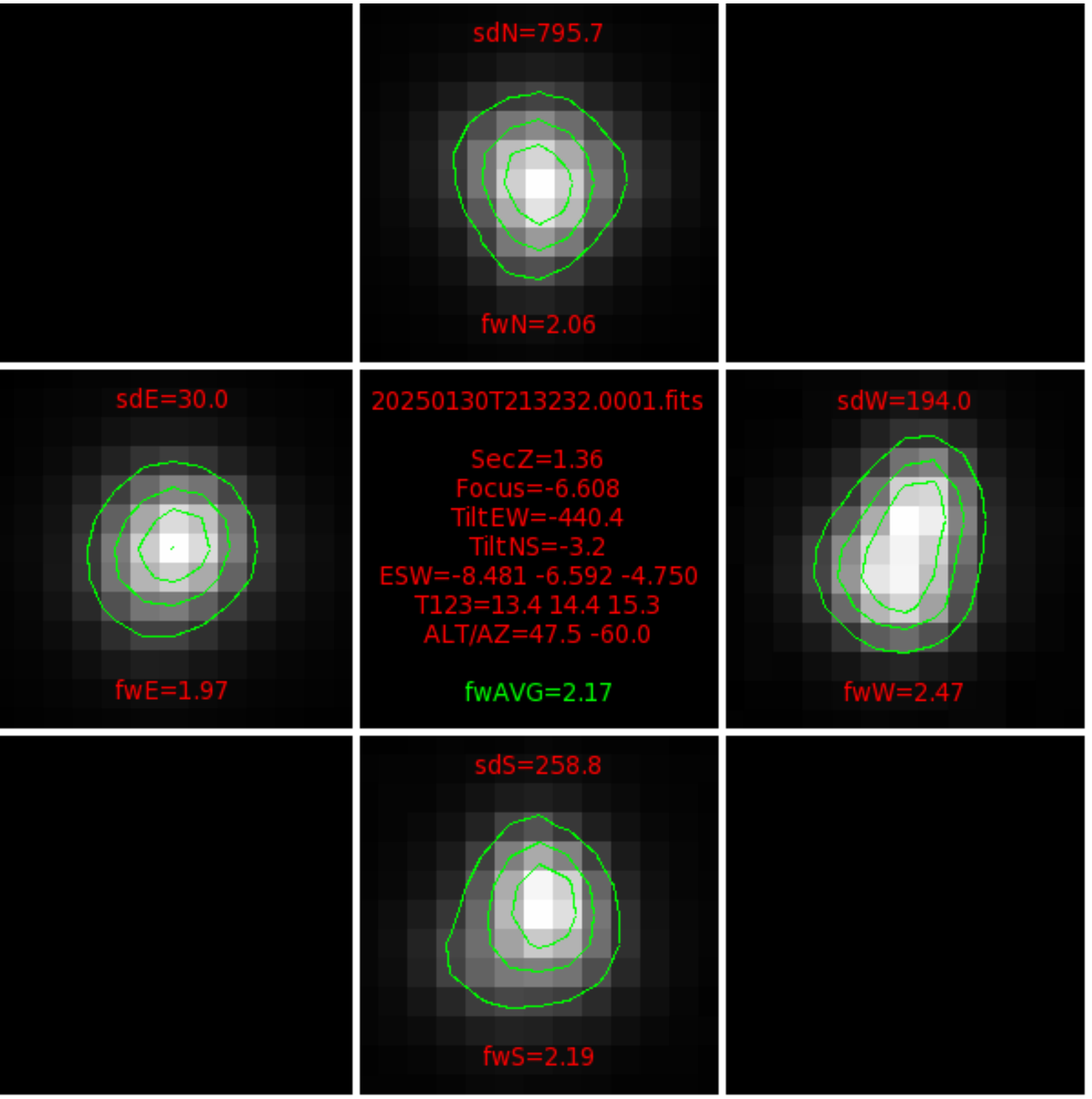

sdN=1000.5
fwN=2.13
sdE=45.2
fwE=2.00
20250130T213015.0001.fits
SecZ=1.16
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=13.5 14.5 15.2
ALT/AZ=59.9 -69.2
fwAVG=2.19
sdW=291.5
fwW=2.45
sdS=424.8
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=795.7
fwN=2.06
sdE=30.0
fwE=1.97
20250130T213232.0001.fits
SecZ=1.36
Focus=-6.608
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.481 -6.592 -4.750
T123=13.4 14.4 15.3
ALT/AZ=47.5 -60.0
fwAVG=2.17
sdW=194.0
fwW=2.47
sdS=258.8
fwS=2.19
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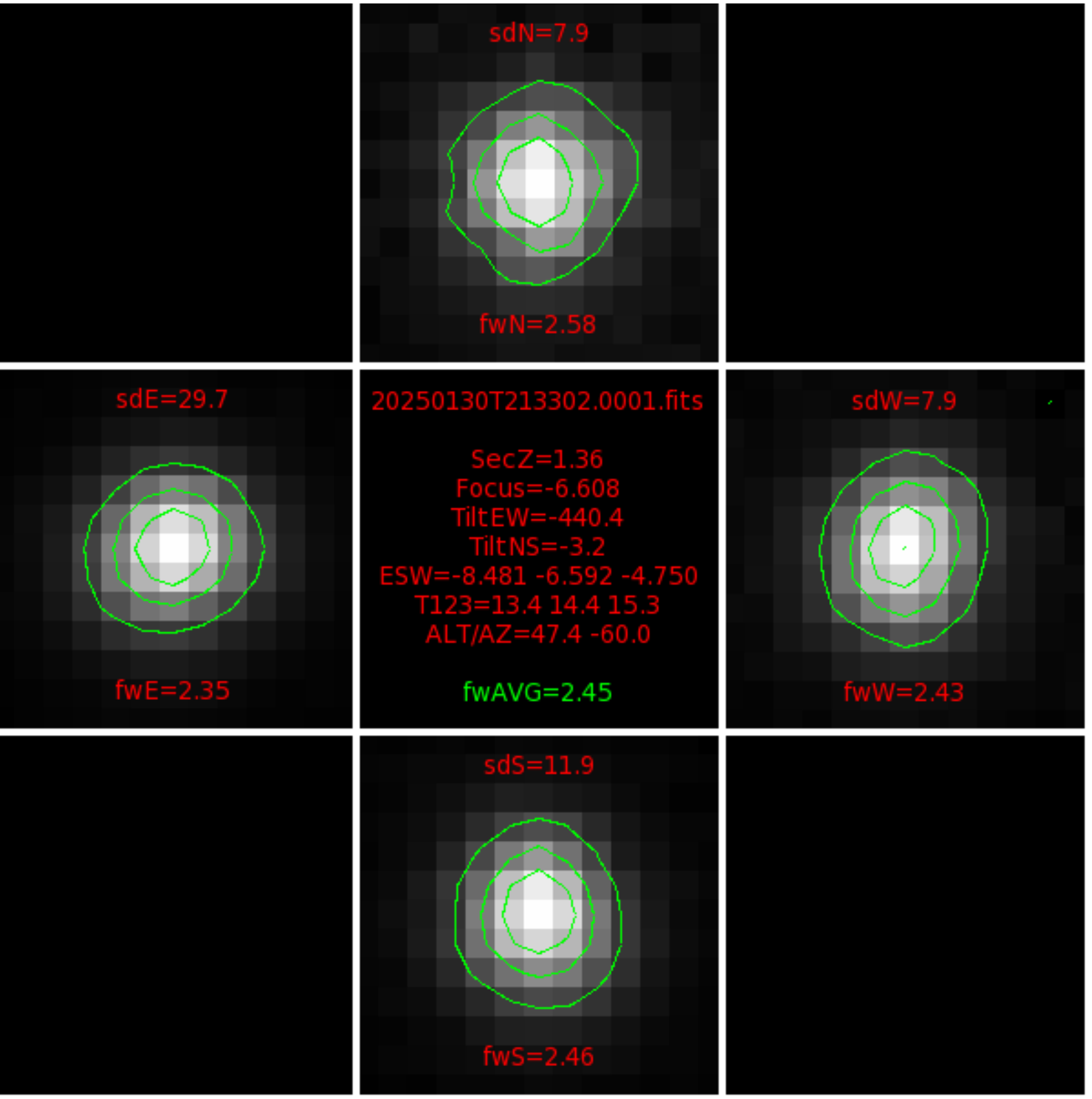
sdN=7.9
fwN=2.58
sdE=29.7
fwE=2.35
20250130T213302.0001.fits
SecZ=1.36
Focus=-6.608
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.481 -6.592 -4.750
T123=13.4 14.4 15.3
ALT/AZ=47.4 -60.0
fwAVG=2.45
sdW=7.9
fwW=2.43
sdS=11.9
fwS=2.46
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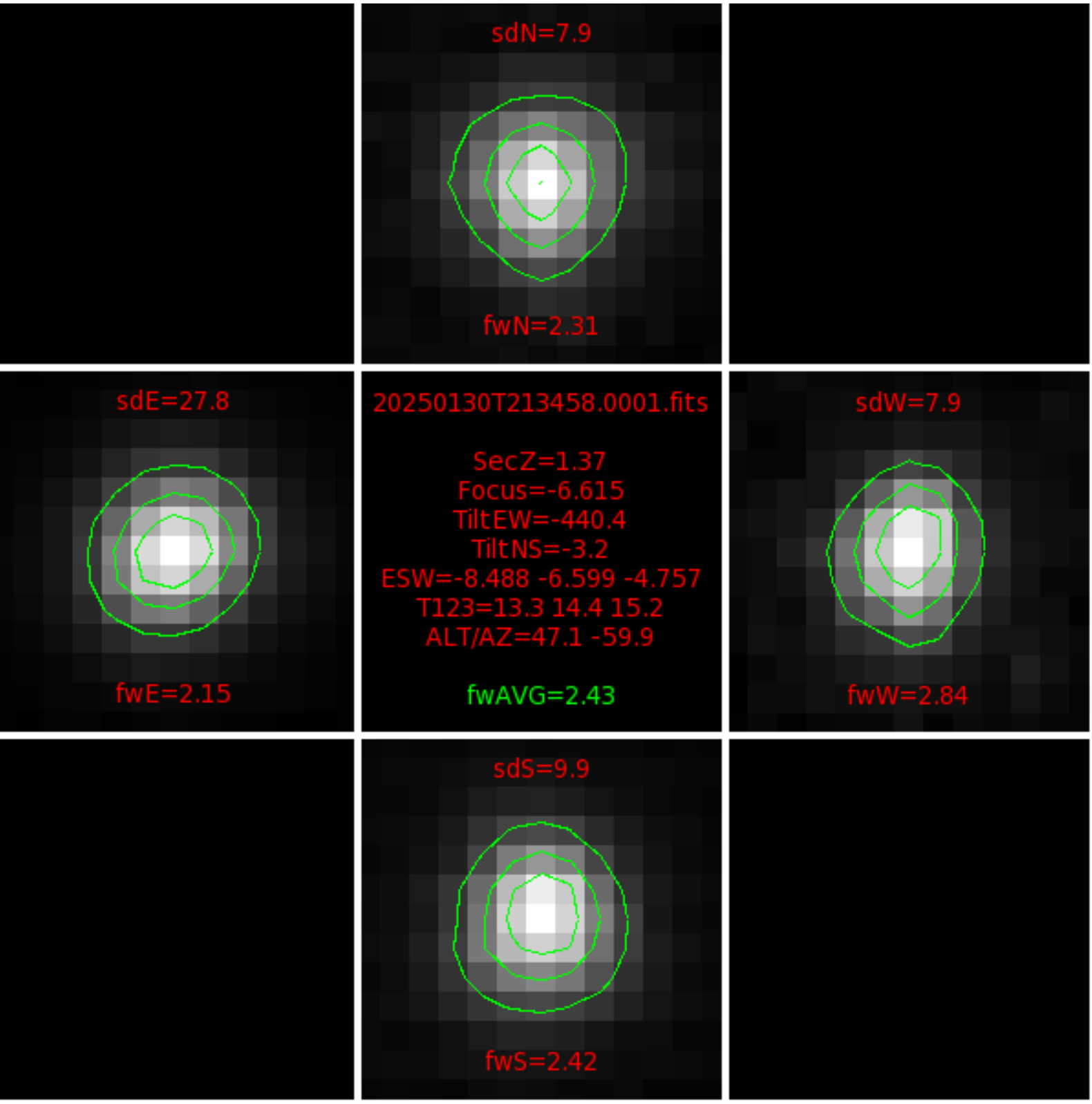
sdN=7.9
fwN=2.31
sdE=27.8
fwE=2.15
20250130T213458.0001.fits
SecZ=1.37
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=13.3 14.4 15.2
ALT/AZ=47.1 -59.9
fwAVG=2.43
sdW=7.9
fwW=2.84
sdS=9.9
fwS=2.42
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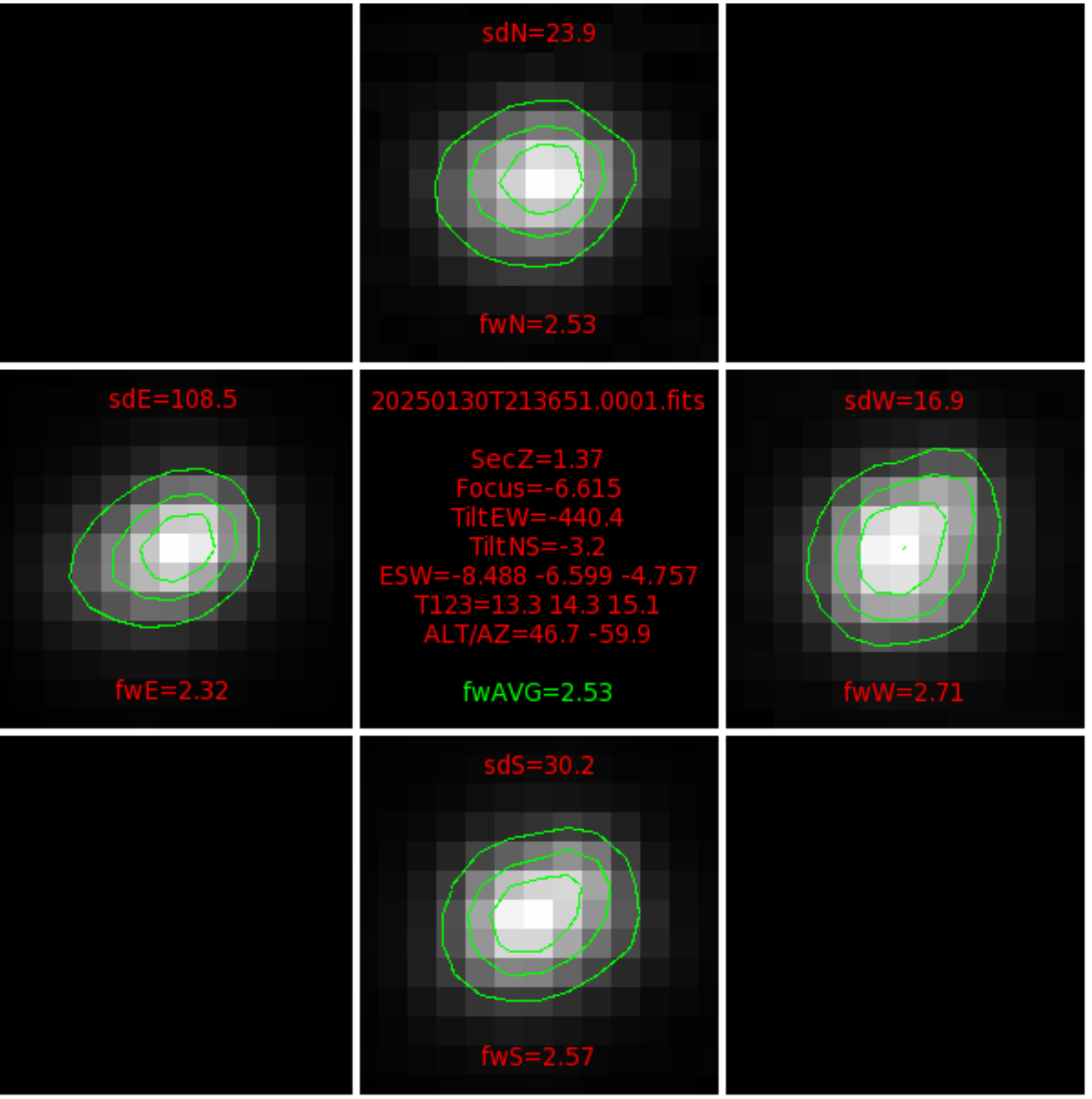
sdN=23.9
fwN=2.53
sdE=108.5
fwE=2.32
20250130T213651.0001.fits
SecZ=1.37
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=13.3 14.3 15.1
ALT/AZ=46.7 -59.9
fwAVG=2.53
sdW=16.9
fwW=2.71
sdS=30.2
fwS=2.57
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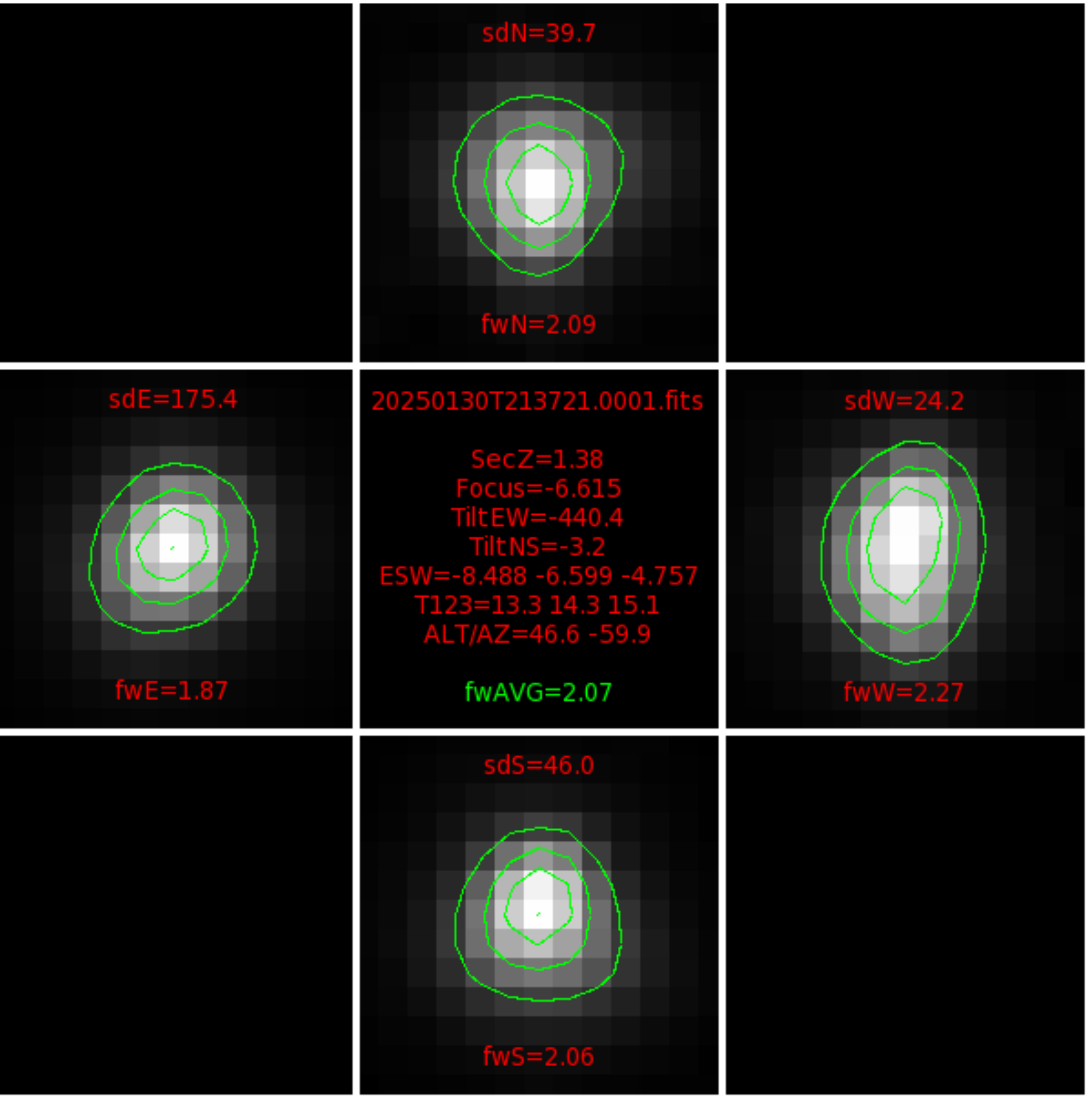
sdN=39.7
fwN=2.09
sdE=175.4
fwE=1.87
20250130T213721.0001.fits
SecZ=1.38
Focus=-6.615
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.488 -6.599 -4.757
T123=13.3 14.3 15.1
ALT/AZ=46.6 -59.9
fwAVG=2.07
sdW=24.2
fwW=2.27
sdS=46.0
fwS=2.06
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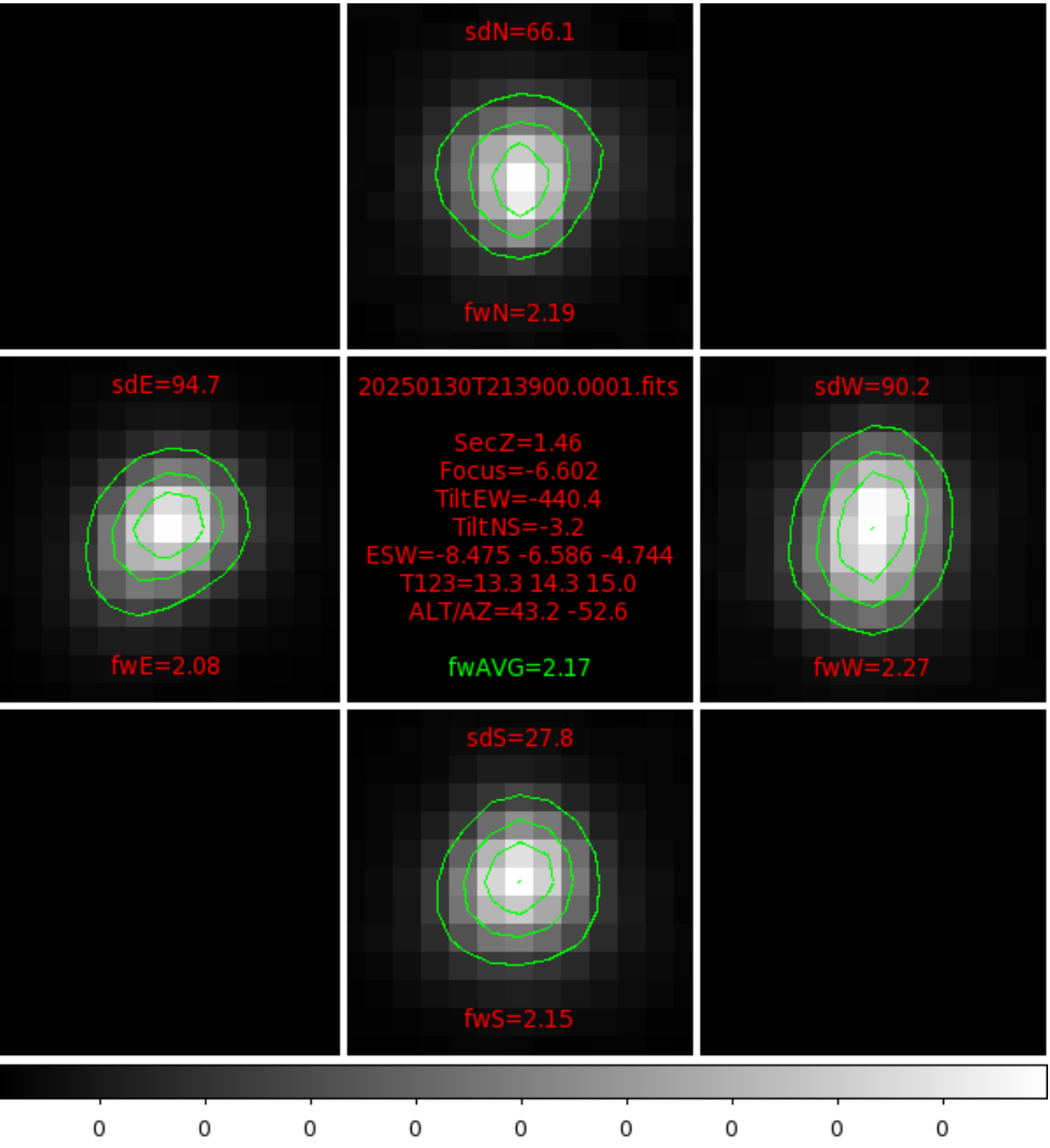
sdN=66.1
fwN=2.19
sdE=94.7
fwE=2.08
20250130T213900.0001.fits
SecZ=1.46
Focus=-6.602
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.475 -6.586 -4.744
T123=13.3 14.3 15.0
ALT/AZ=43.2 -52.6
fwAVG=2.17
sdW=90.2
fwW=2.27
sdS=27.8
fwS=2.15
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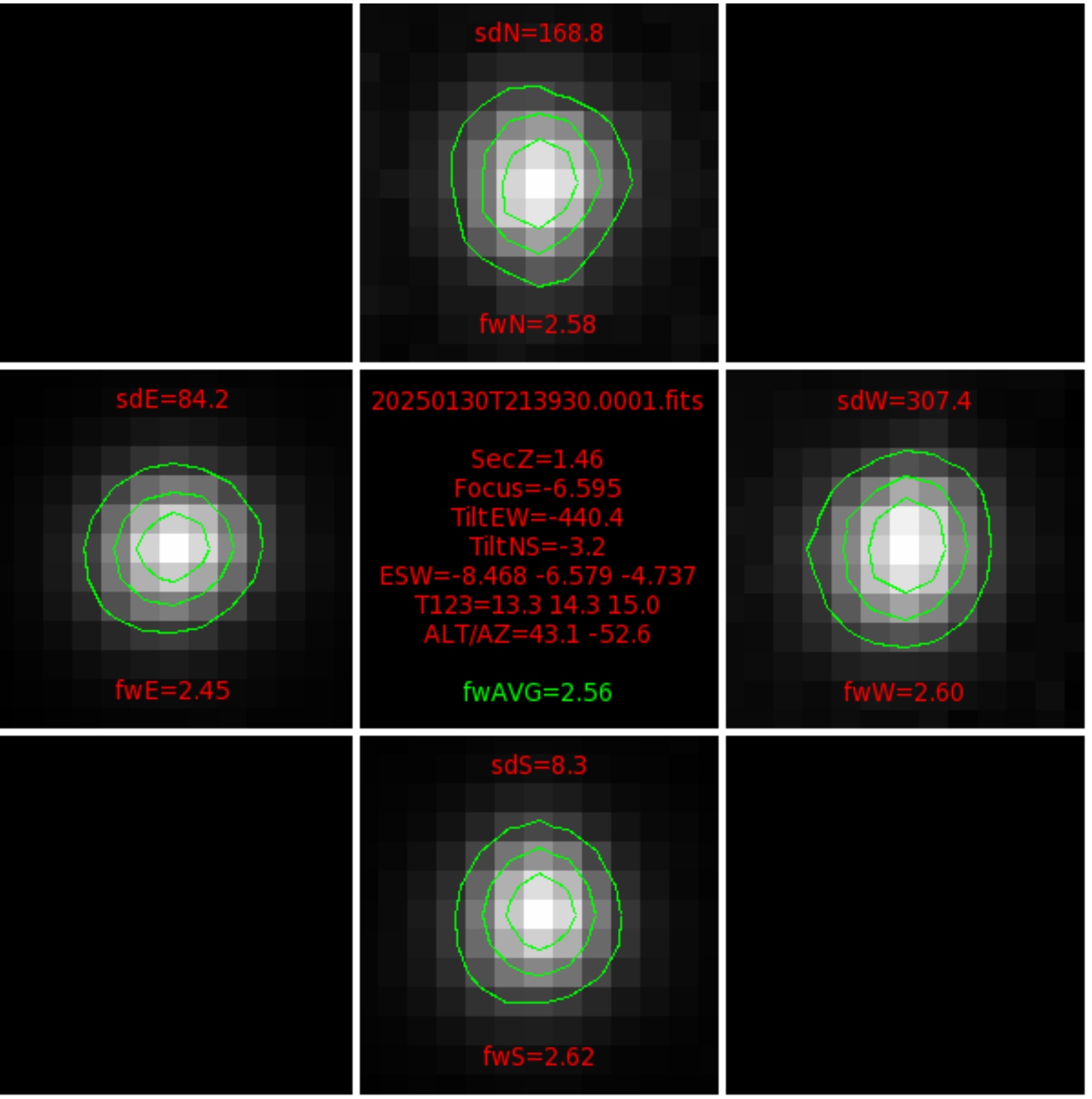
sdN=168.8
fwN=2.58
sdE=84.2
fwE=2.45
20250130T213930.0001.fits
SecZ=1.46
Focus=-6.595
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.468 -6.579 -4.737
T123=13.3 14.3 15.0
ALT/AZ=43.1 -52.6
fwAVG=2.56
sdW=307.4
fwW=2.60
sdS=8.3
fwS=2.62
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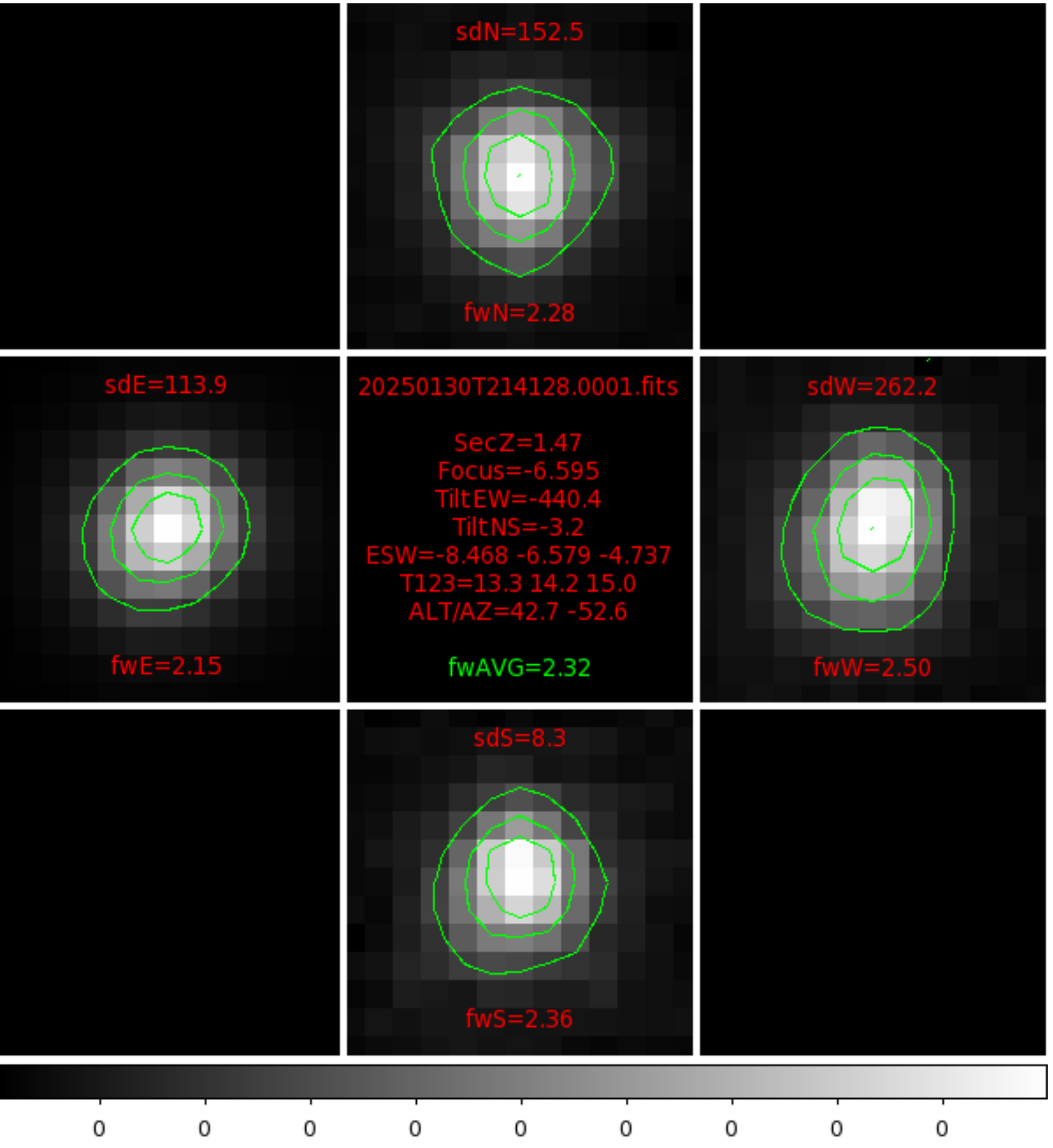
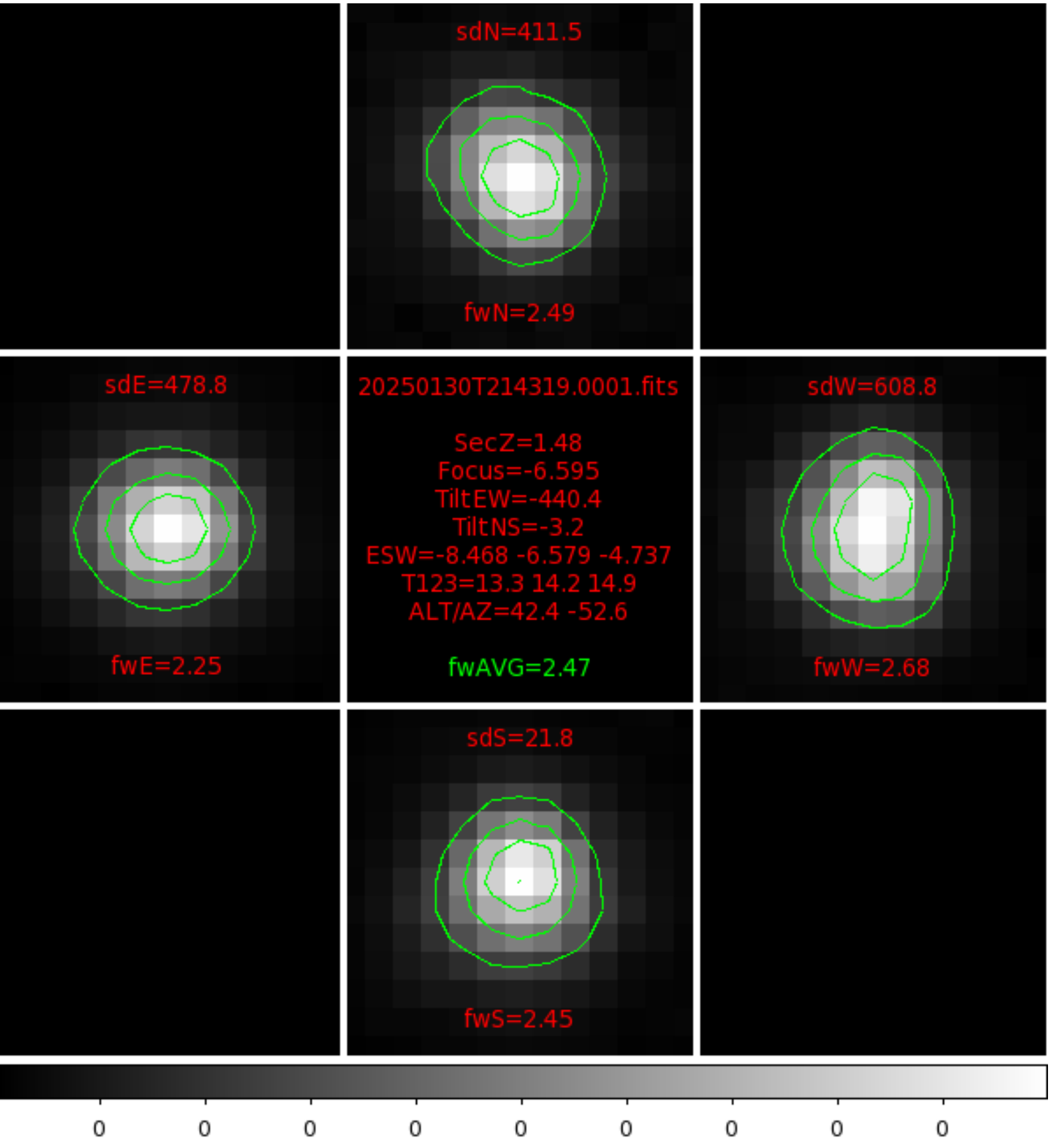

sdN=152.5
fwN=2.28
sdE=113.9
fwE=2.15
20250130T214128.0001.fits
SecZ=1.47
Focus=-6.595
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.468 -6.579 -4.737
T123=13.3 14.2 15.0
ALT/AZ=42.7 -52.6
fwAVG=2.32
sdW=262.2
fwW=2.50
sdS=8.3
fwS=2.36
0 0 0 0 0 0 0 0 0


sdN=411.5
fwN=2.49
sdE=478.8
fwE=2.25
20250130T214319.0001.fits
SecZ=1.48
Focus=-6.595
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.468 -6.579 -4.737
T123=13.3 14.2 14.9
ALT/AZ=42.4 -52.6
fwAVG=2.47
sdW=608.8
fwW=2.68
sdS=21.8
fwS=2.45
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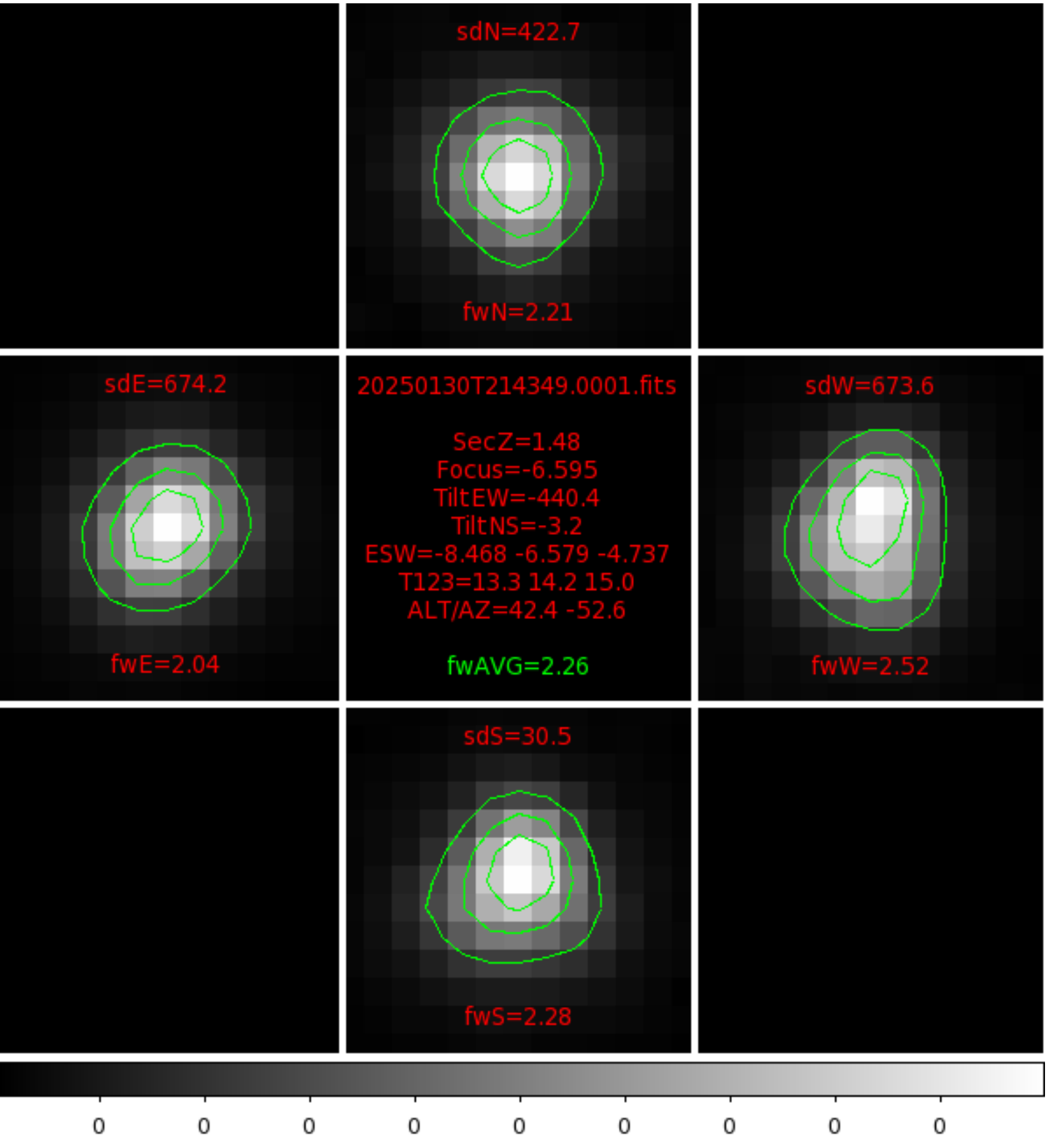
sdN=422.7
fwN=2.21
sdE=674.2
fwE=2.04
20250130T214349.0001.fits
SecZ=1.48
Focus=-6.595
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.468 -6.579 -4.737
T123=13.3 14.2 15.0
ALT/AZ=42.4 -52.6
fwAVG=2.26
sdW=673.6
fwW=2.52
sdS=30.5
fwS=2.28
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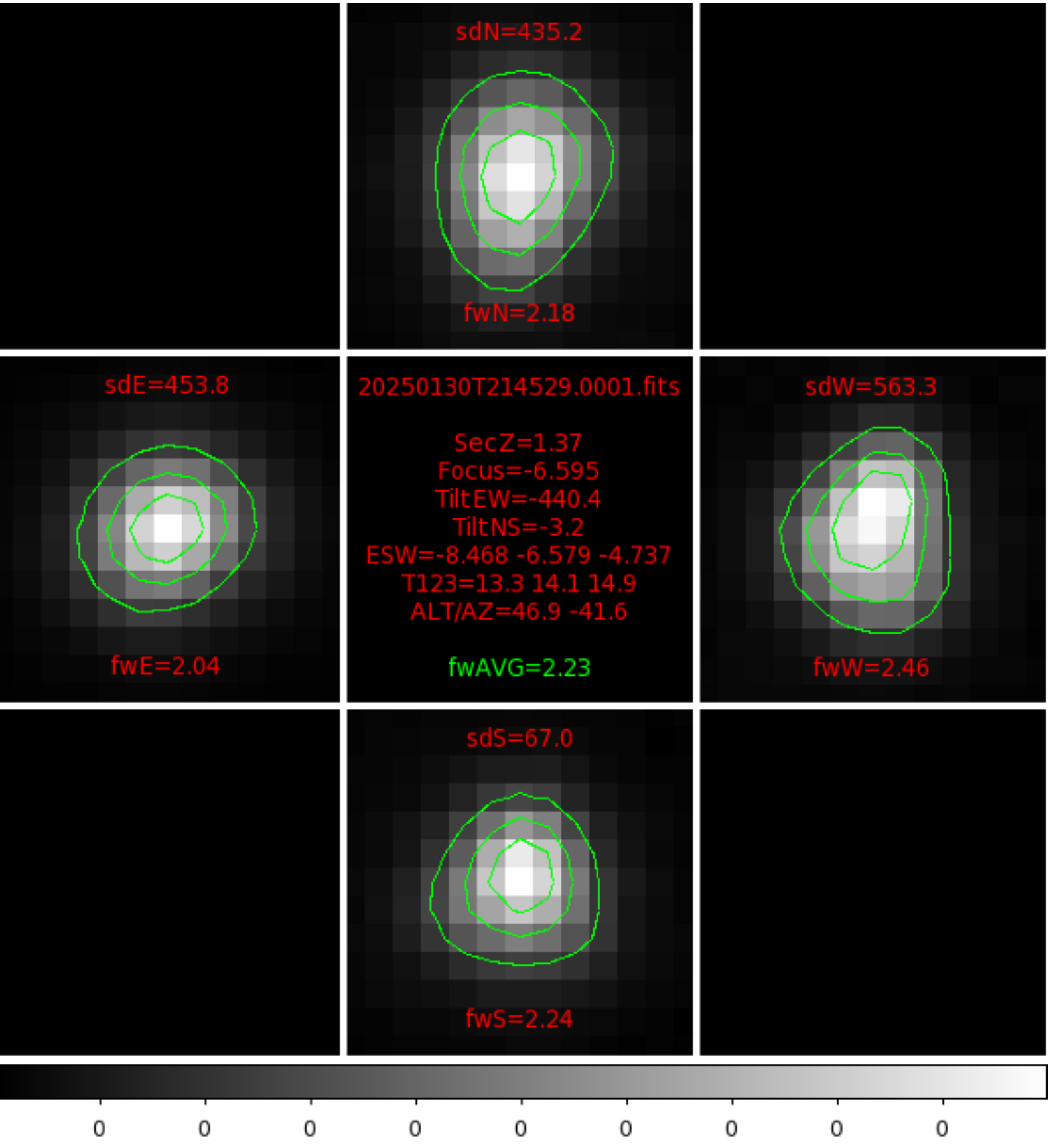
sdN=435.2
fwN=2.18
sdE=453.8
fwE=2.04
20250130T214529.0001.fits
SecZ=1.37
Focus=-6.595
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.468 -6.579 -4.737
T123=13.3 14.1 14.9
ALT/AZ=46.9 -41.6
fwAVG=2.23
sdW=563.3
fwW=2.46
sdS=67.0
fwS=2.24
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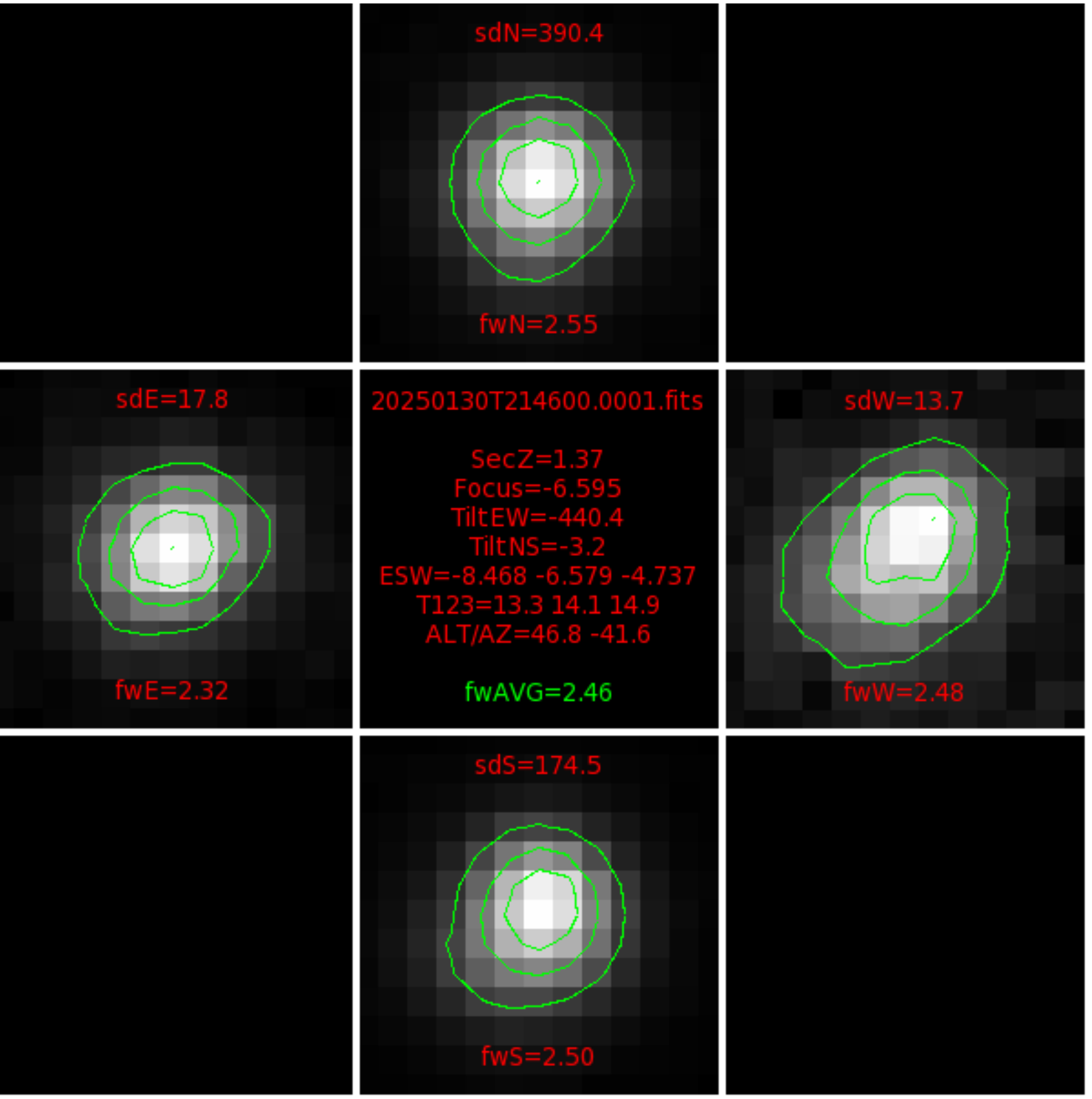
sdN=390.4
fwN=2.55
sdE=17.8
fwE=2.32
20250130T214600.0001.fits
SecZ=1.37
Focus=-6.595
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.468 -6.579 -4.737
T123=13.3 14.1 14.9
ALT/AZ=46.8 -41.6
fwAVG=2.46
sdW=13.7
fwW=2.48
sdS=174.5
fwS=2.50
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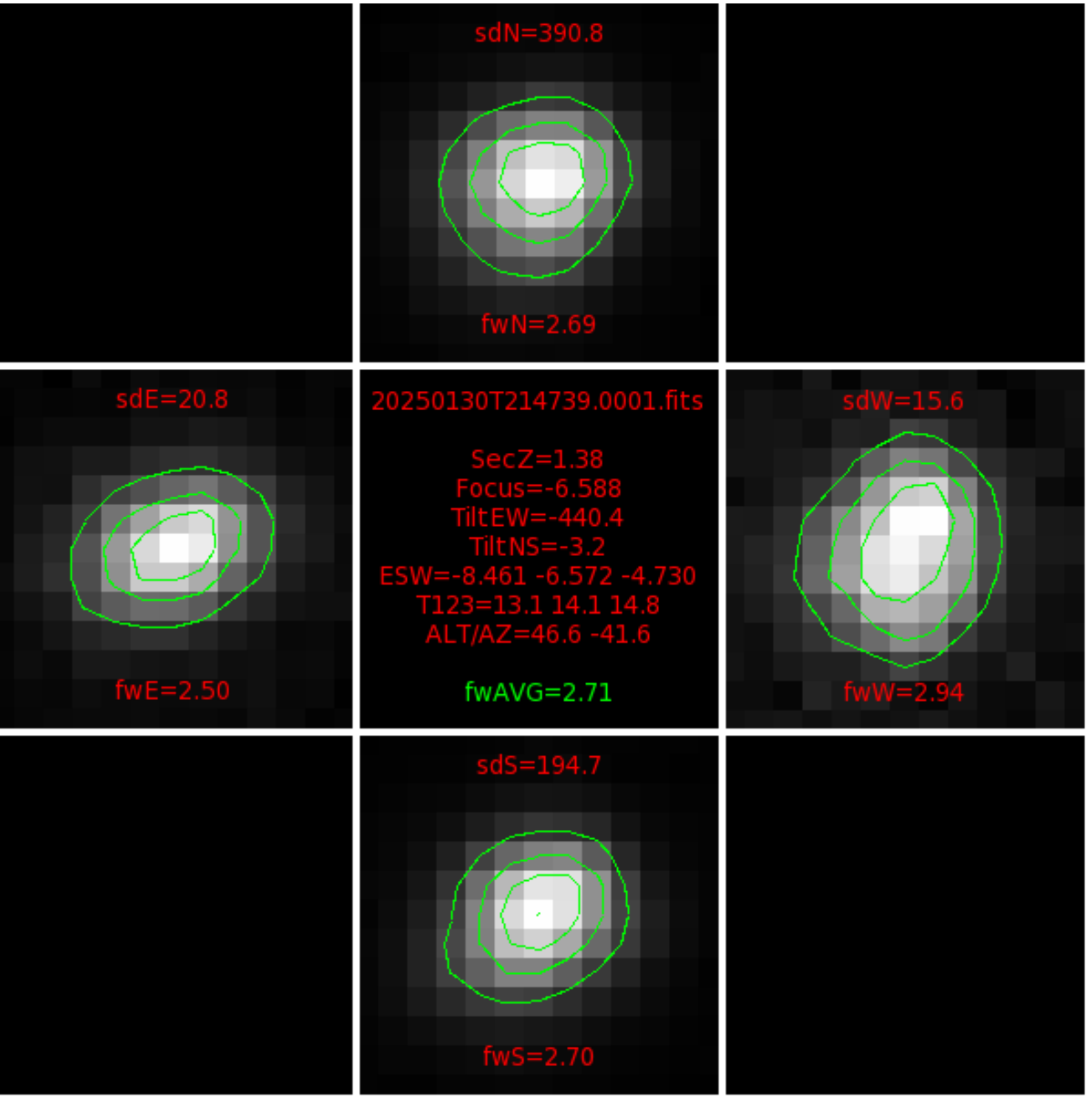
sdN=390.8
fwN=2.69
sdE=20.8
fwE=2.50
20250130T214739.0001.fits
SecZ=1.38
Focus=-6.588
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.461 -6.572 -4.730
T123=13.1 14.1 14.8
ALT/AZ=46.6 -41.6
fwAVG=2.71
sdW=15.6
fwW=2.94
sdS=194.7
fwS=2.70
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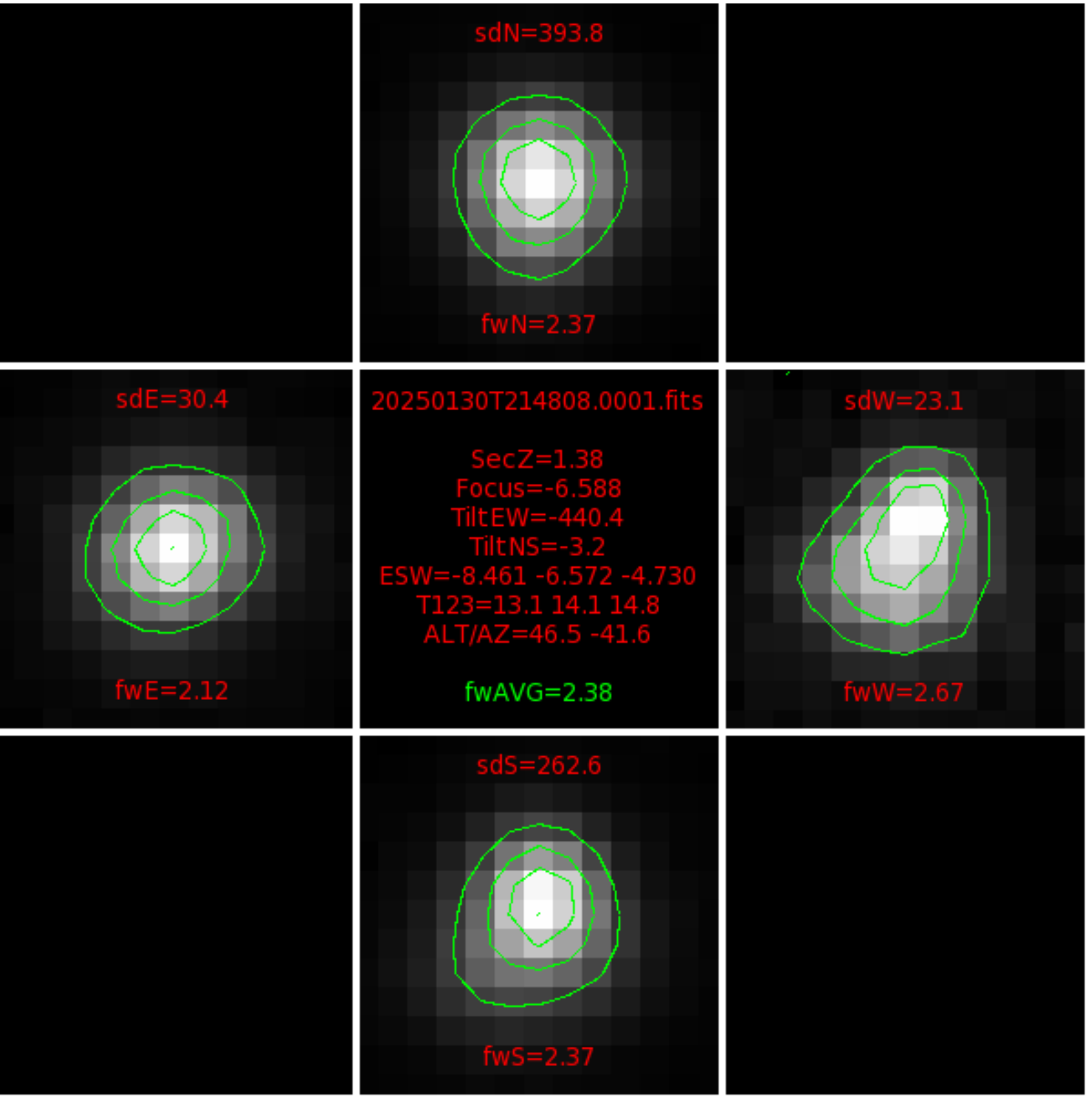
sdN=393.8
fwN=2.37
sdE=30.4
fwE=2.12
20250130T214808.0001.fits
SecZ=1.38
Focus=-6.588
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.461 -6.572 -4.730
T123=13.1 14.1 14.8
ALT/AZ=46.5 -41.6
fwAVG=2.38
sdW=23.1
fwW=2.67
sdS=262.6
fwS=2.37
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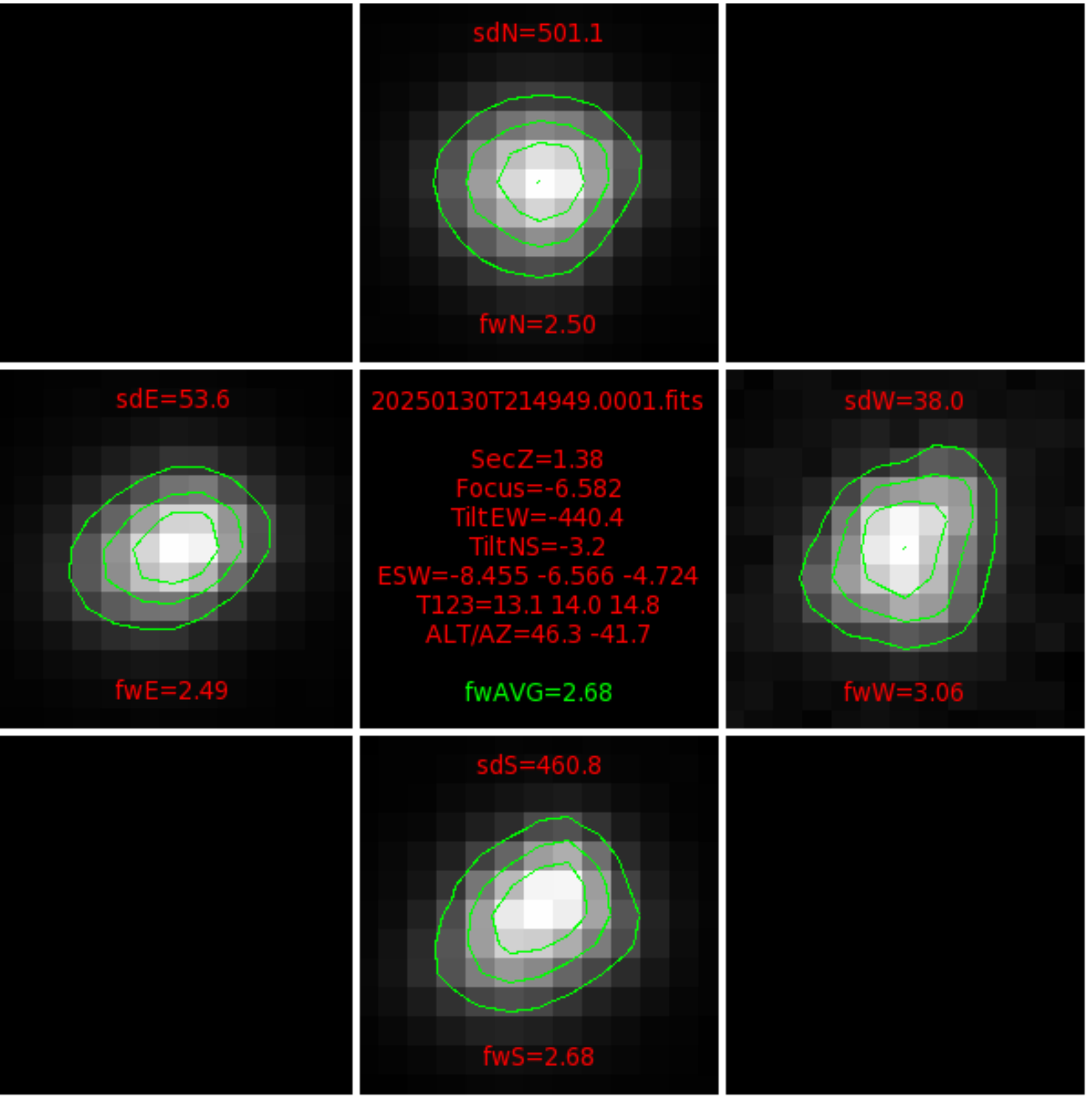
sdN=501.1
fwN=2.50
sdE=53.6
fwE=2.49
20250130T214949.0001.fits
SecZ=1.38
Focus=-6.582
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.455 -6.566 -4.724
T123=13.1 14.0 14.8
ALT/AZ=46.3 -41.7
fwAVG=2.68
sdW=38.0
fwW=3.06
sdS=460.8
fwS=2.68
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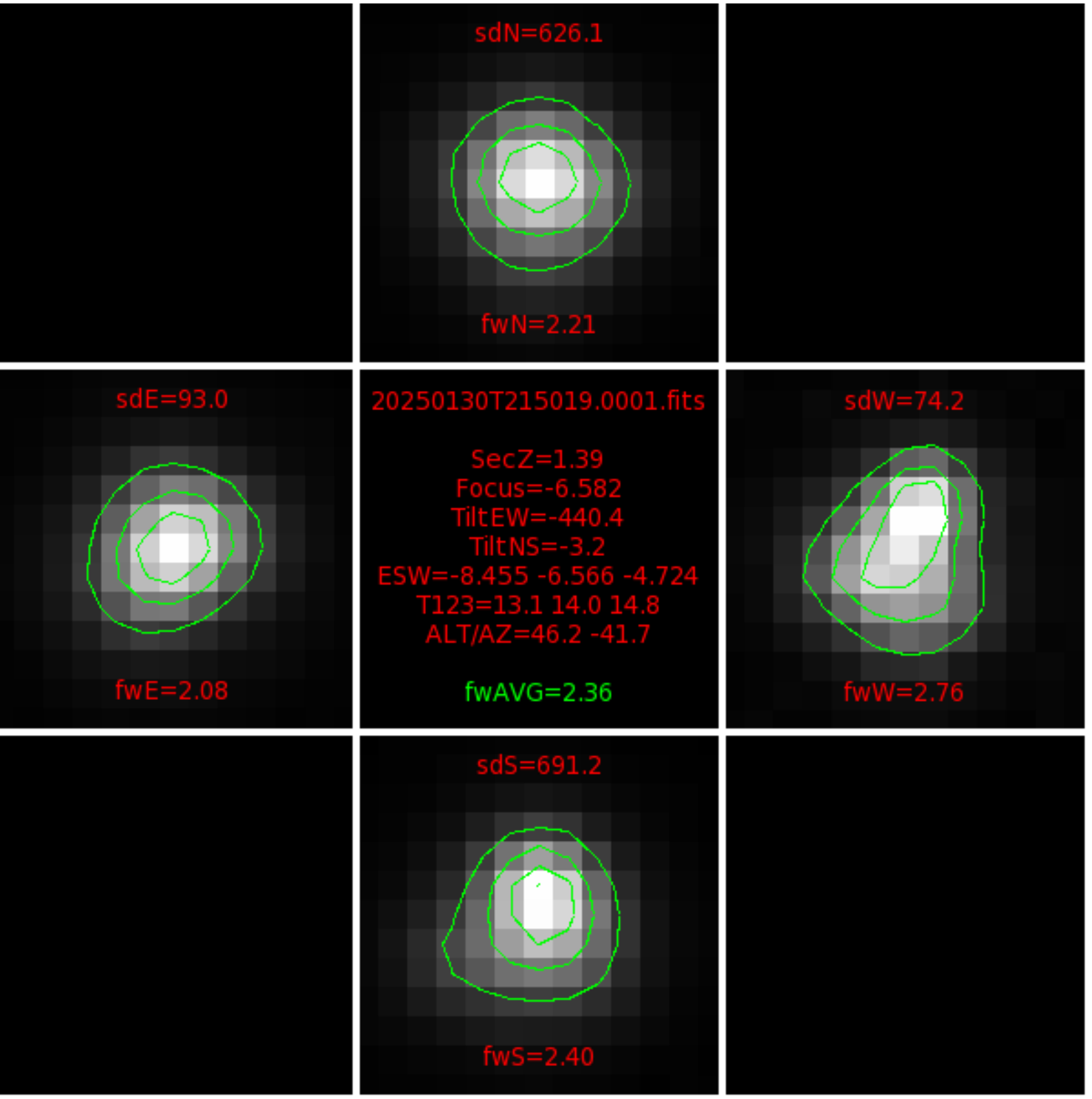
sdN=626.1
fwN=2.21
sdE=93.0
fwE=2.08
20250130T215019.0001.fits
SecZ=1.39
Focus=-6.582
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.455 -6.566 -4.724
T123=13.1 14.0 14.8
ALT/AZ=46.2 -41.7
fwAVG=2.36
sdW=74.2
fwW=2.76
sdS=691.2
fwS=2.40
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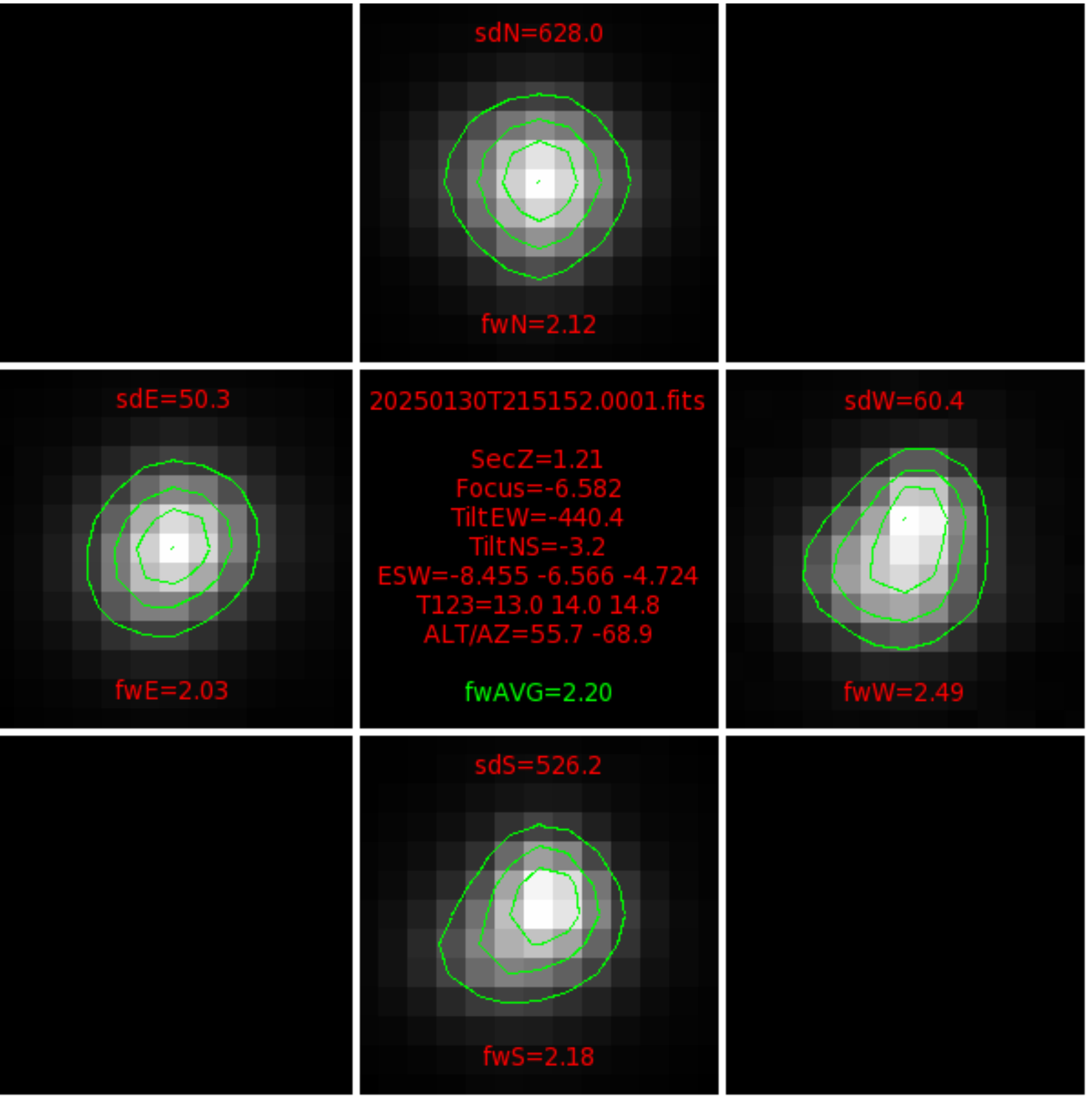
sdN=628.0
fwN=2.12
sdE=50.3
fwE=2.03
20250130T215152.0001.fits
SecZ=1.21
Focus=-6.582
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.455 -6.566 -4.724
T123=13.0 14.0 14.8
ALT/AZ=55.7 -68.9
fwAVG=2.20
sdW=60.4
fwW=2.49
sdS=526.2
fwS=2.18
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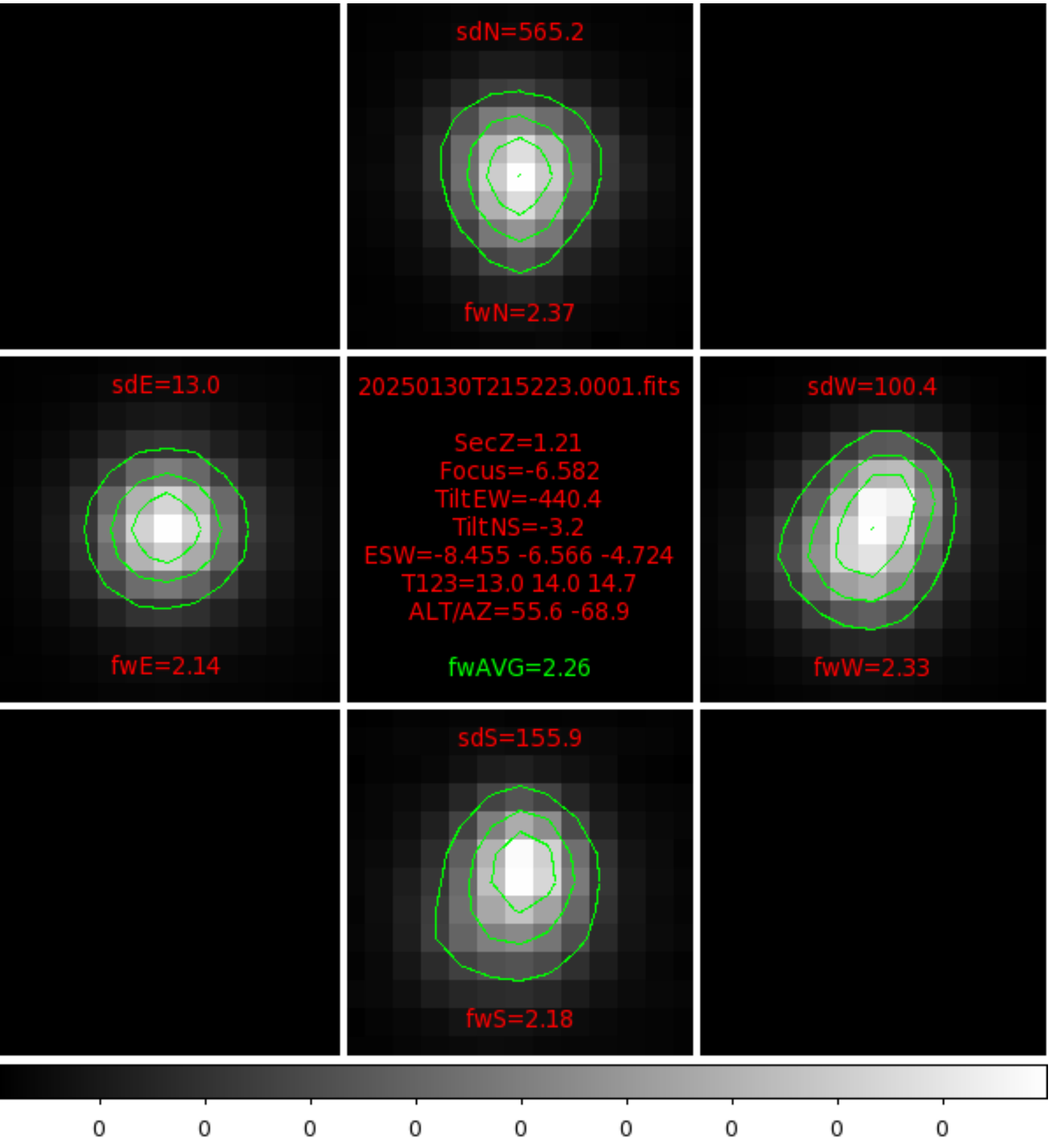
sdN=565.2
fwN=2.37
sdE=13.0
fwE=2.14
20250130T215223.0001.fits
SecZ=1.21
Focus=-6.582
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.455 -6.566 -4.724
T123=13.0 14.0 14.7
ALT/AZ=55.6 -68.9
fwAVG=2.26
sdW=100.4
fwW=2.33
sdS=155.9
fwS=2.18
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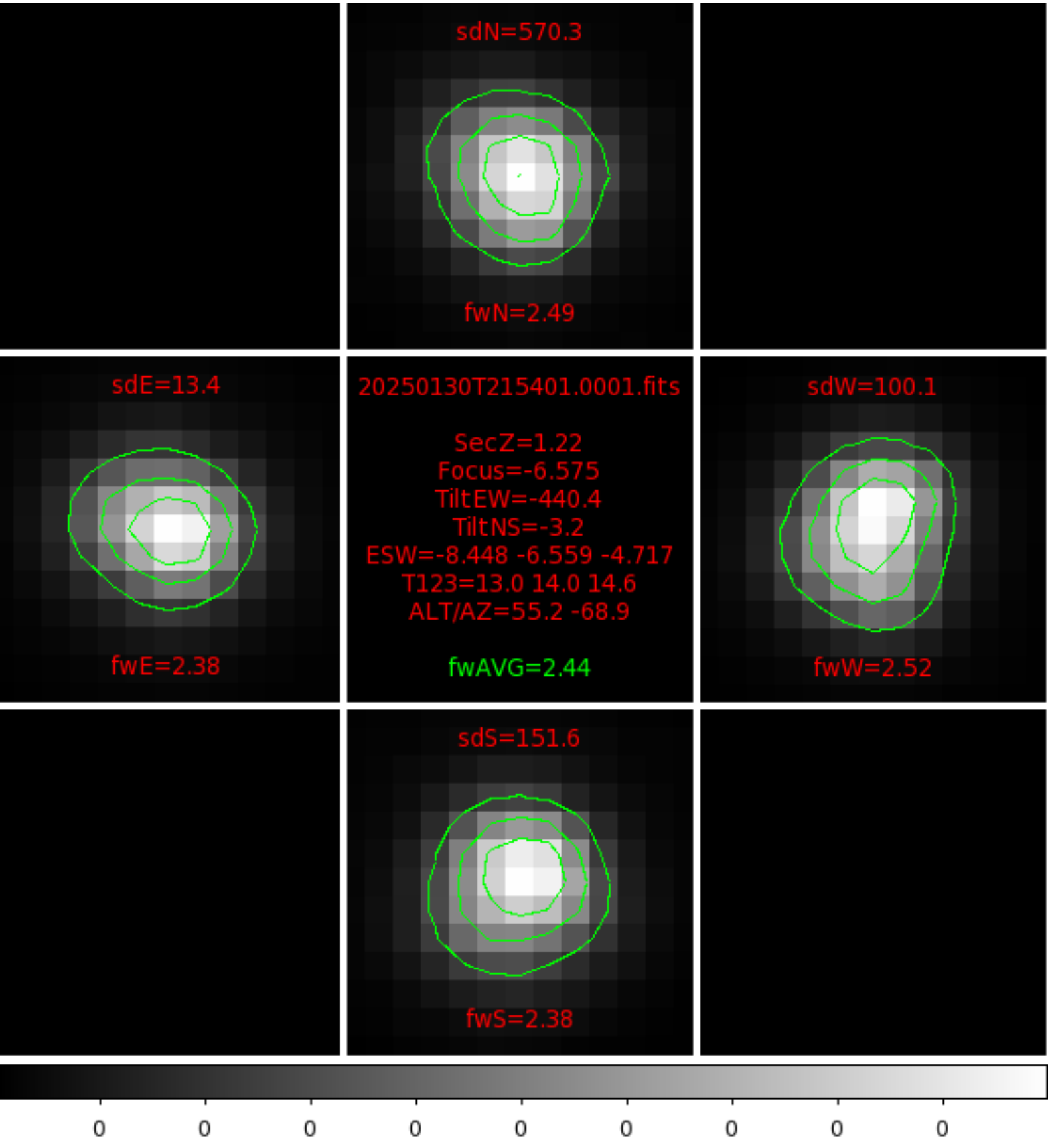
sdN=570.3
fwN=2.49
sdE=13.4
fwE=2.38
20250130T215401.0001.fits
SecZ=1.22
Focus=-6.575
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.448 -6.559 -4.717
T123=13.0 14.0 14.6
ALT/AZ=55.2 -68.9
fwAVG=2.44
sdW=100.1
fwW=2.52
sdS=151.6
fwS=2.38
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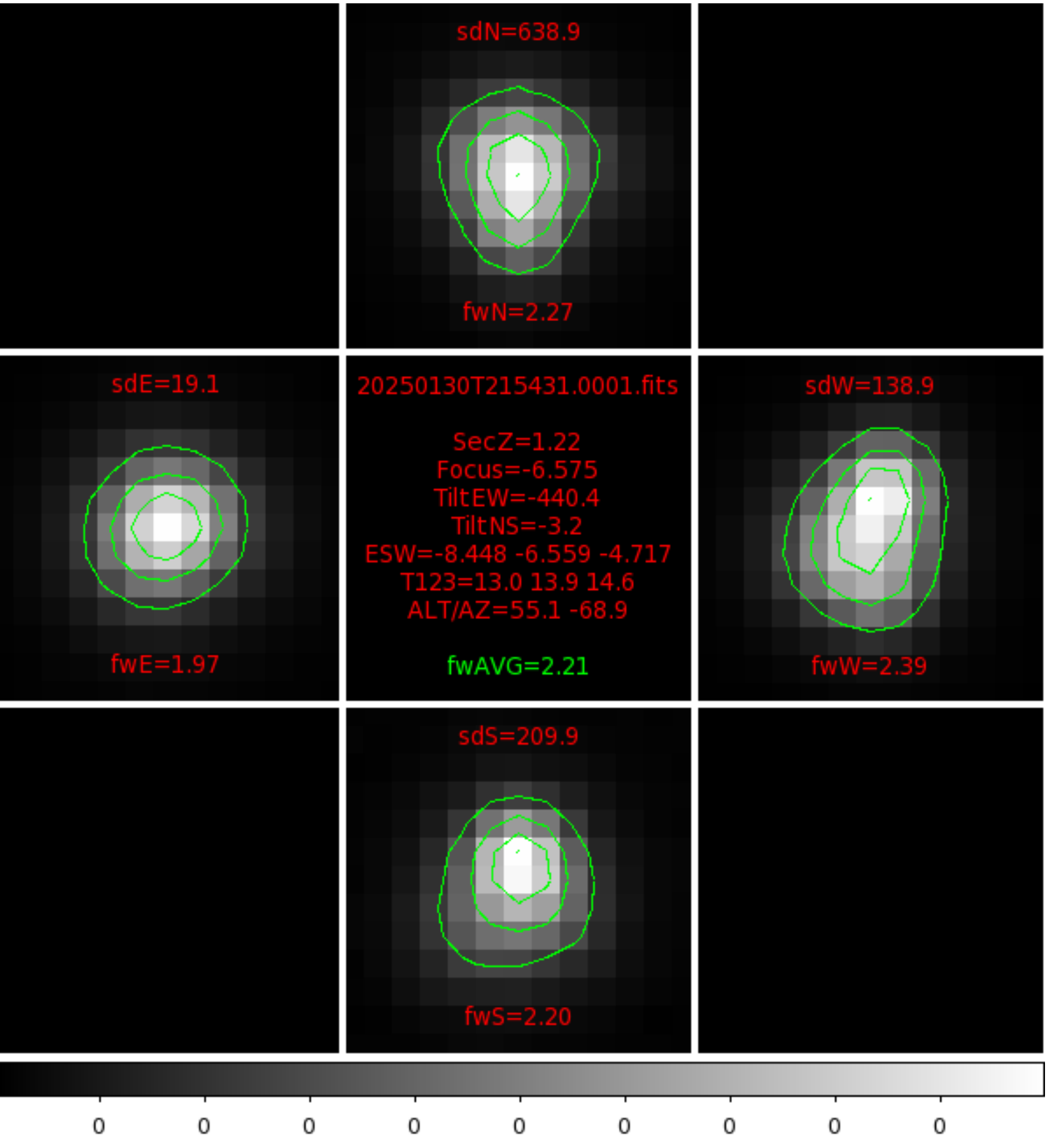
sdN=638.9
fwN=2.27
sdE=19.1
fwE=1.97
20250130T215431.0001.fits
SecZ=1.22
Focus=-6.575
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.448 -6.559 -4.717
T123=13.0 13.9 14.6
ALT/AZ=55.1 -68.9
fwAVG=2.21
sdW=138.9
fwW=2.39
sdS=209.9
fwS=2.20
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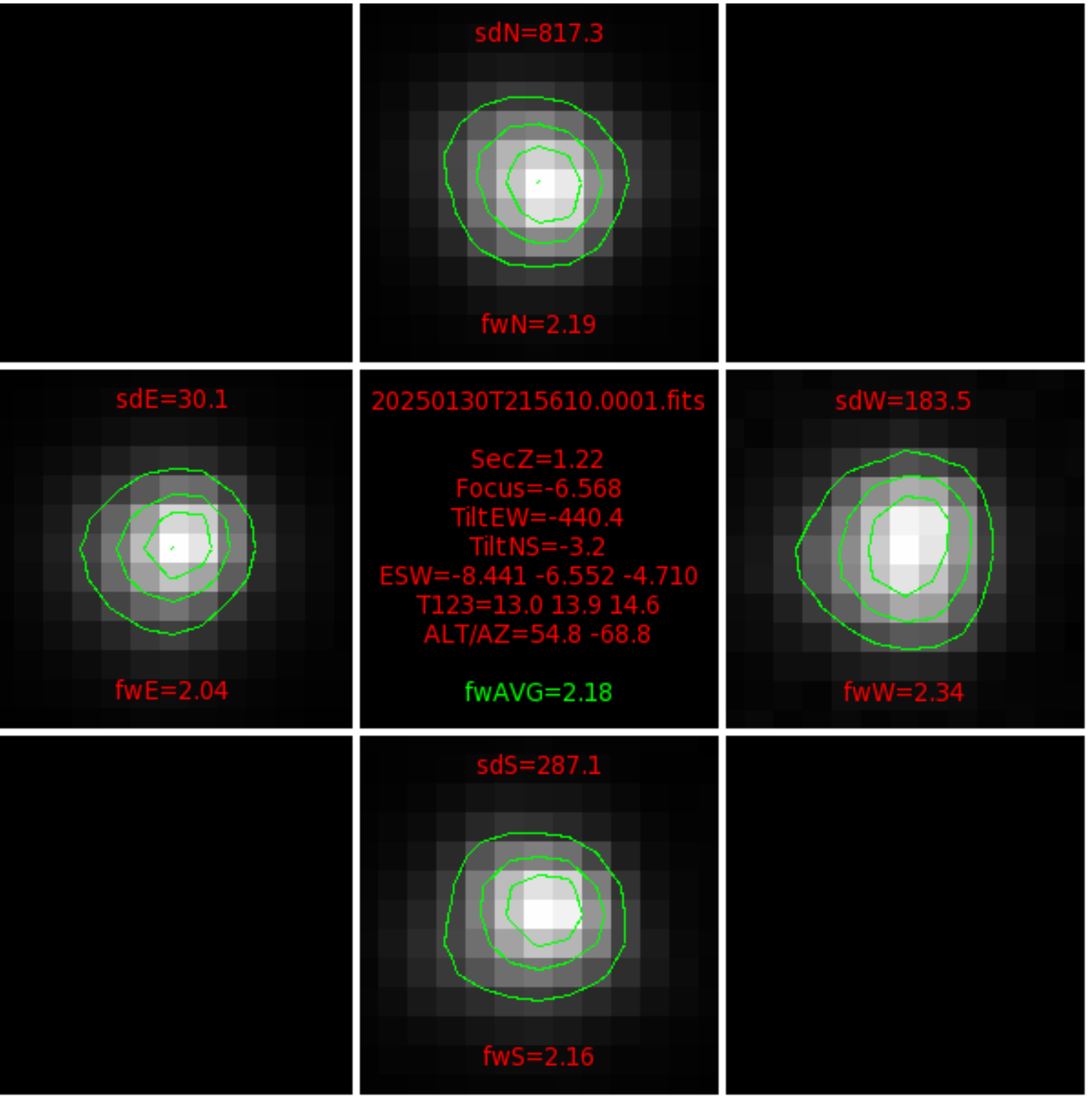
sdN=817.3
fwN=2.19
sdE=30.1
fwE=2.04
20250130T215610.0001.fits
SecZ=1.22
Focus=-6.568
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.441 -6.552 -4.710
T123=13.0 13.9 14.6
ALT/AZ=54.8 -68.8
fwAVG=2.18
sdW=183.5
fwW=2.34
sdS=287.1
fwS=2.16
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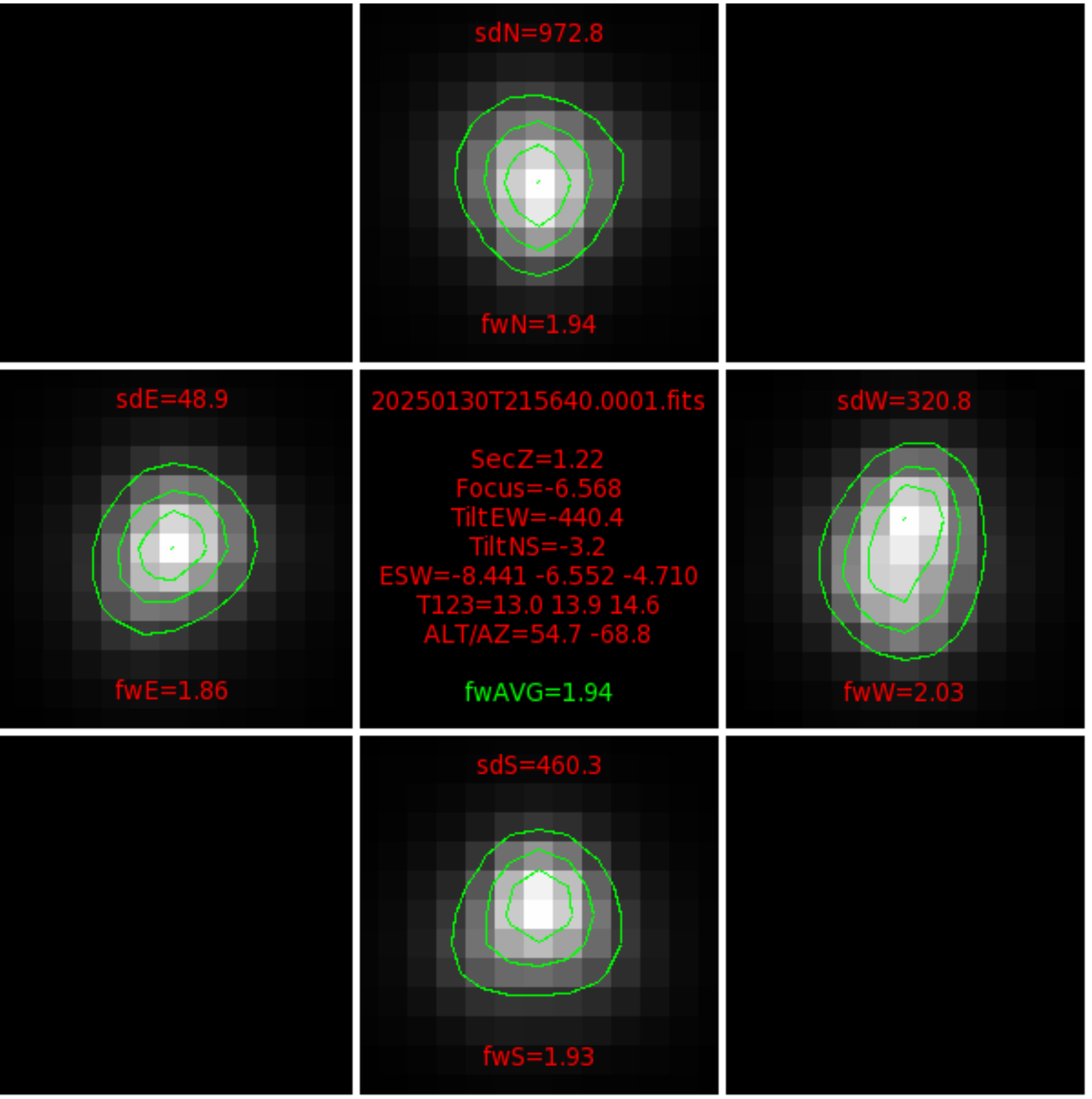
sdN=972.8
fwN=1.94
sdE=48.9
fwE=1.86
20250130T215640.0001.fits
SecZ=1.22
Focus=-6.568
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.441 -6.552 -4.710
T123=13.0 13.9 14.6
ALT/AZ=54.7 -68.8
fwAVG=1.94
sdW=320.8
fwW=2.03
sdS=460.3
fwS=1.93
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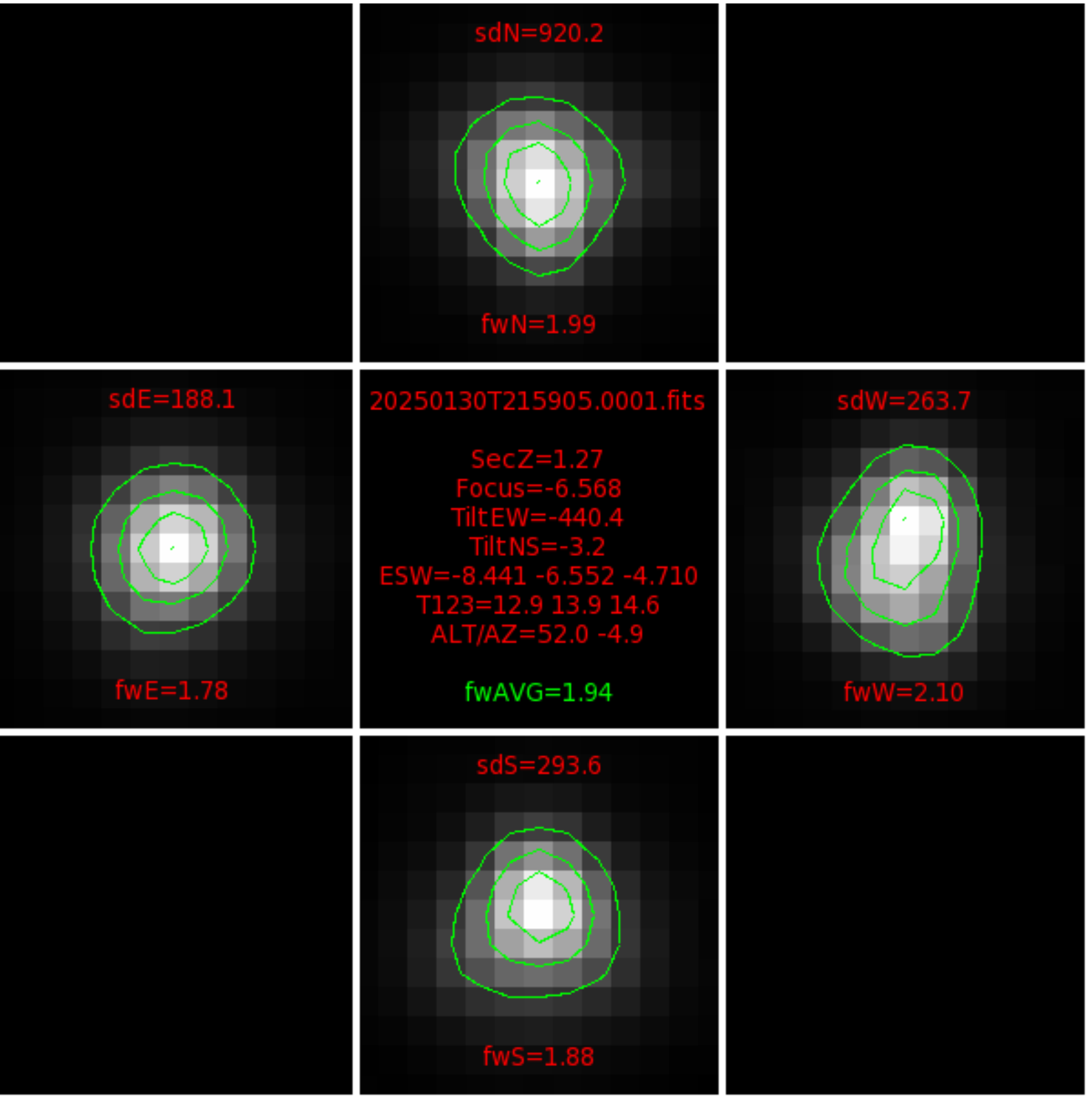
sdN=920.2
fwN=1.99
sdE=188.1
fwE=1.78
20250130T215905.0001.fits
SecZ=1.27
Focus=-6.568
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.441 -6.552 -4.710
T123=12.9 13.9 14.6
ALT/AZ=52.0 -4.9
fwAVG=1.94
sdW=263.7
fwW=2.10
sdS=293.6
fwS=1.88
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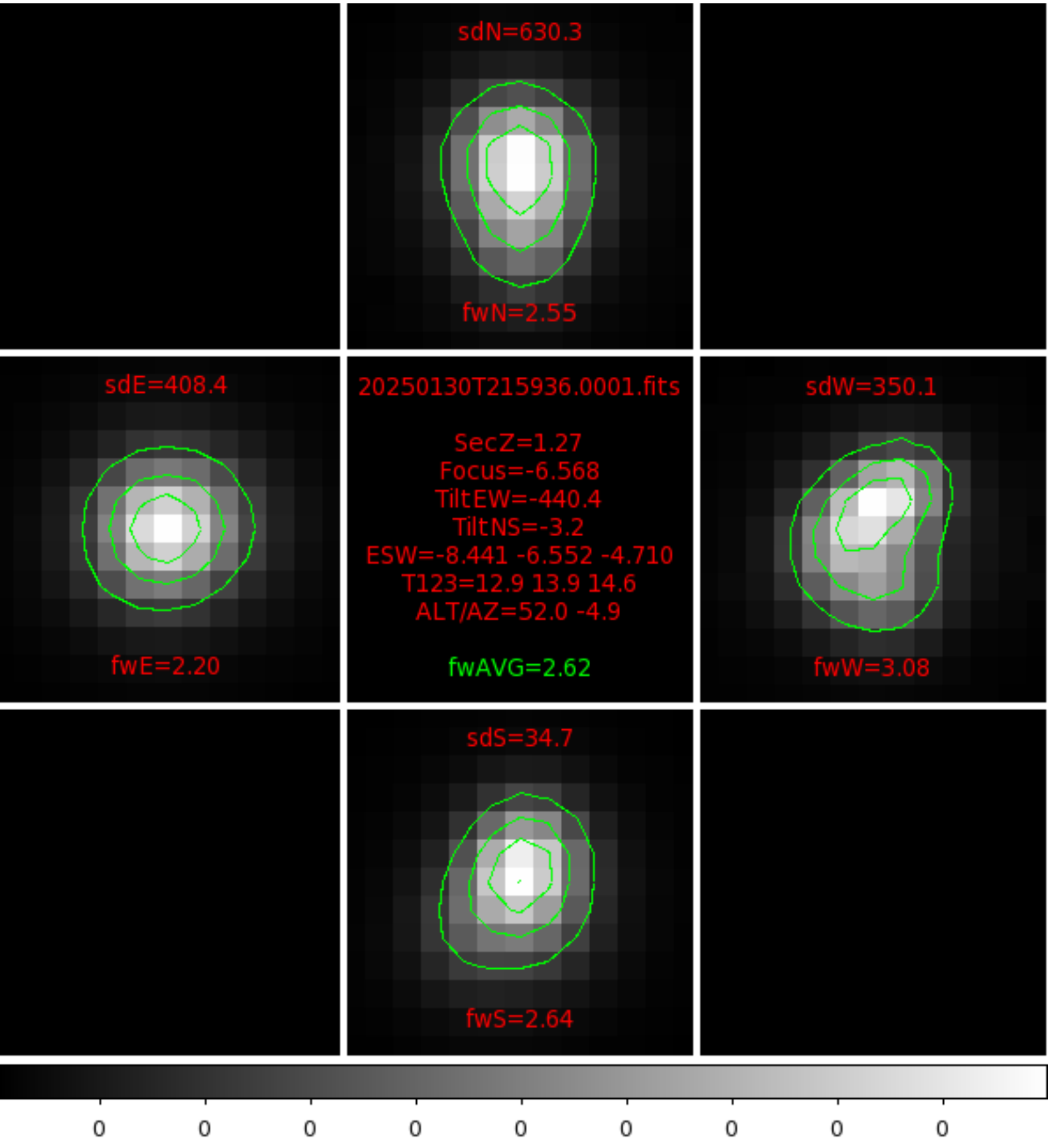
sdN=630.3
fwN=2.55
sdE=408.4
fwE=2.20
20250130T215936.0001.fits
SecZ=1.27
Focus=-6.568
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.441 -6.552 -4.710
T123=12.9 13.9 14.6
ALT/AZ=52.0 -4.9
fwAVG=2.62
sdW=350.1
fwW=3.08
sdS=34.7
fwS=2.64
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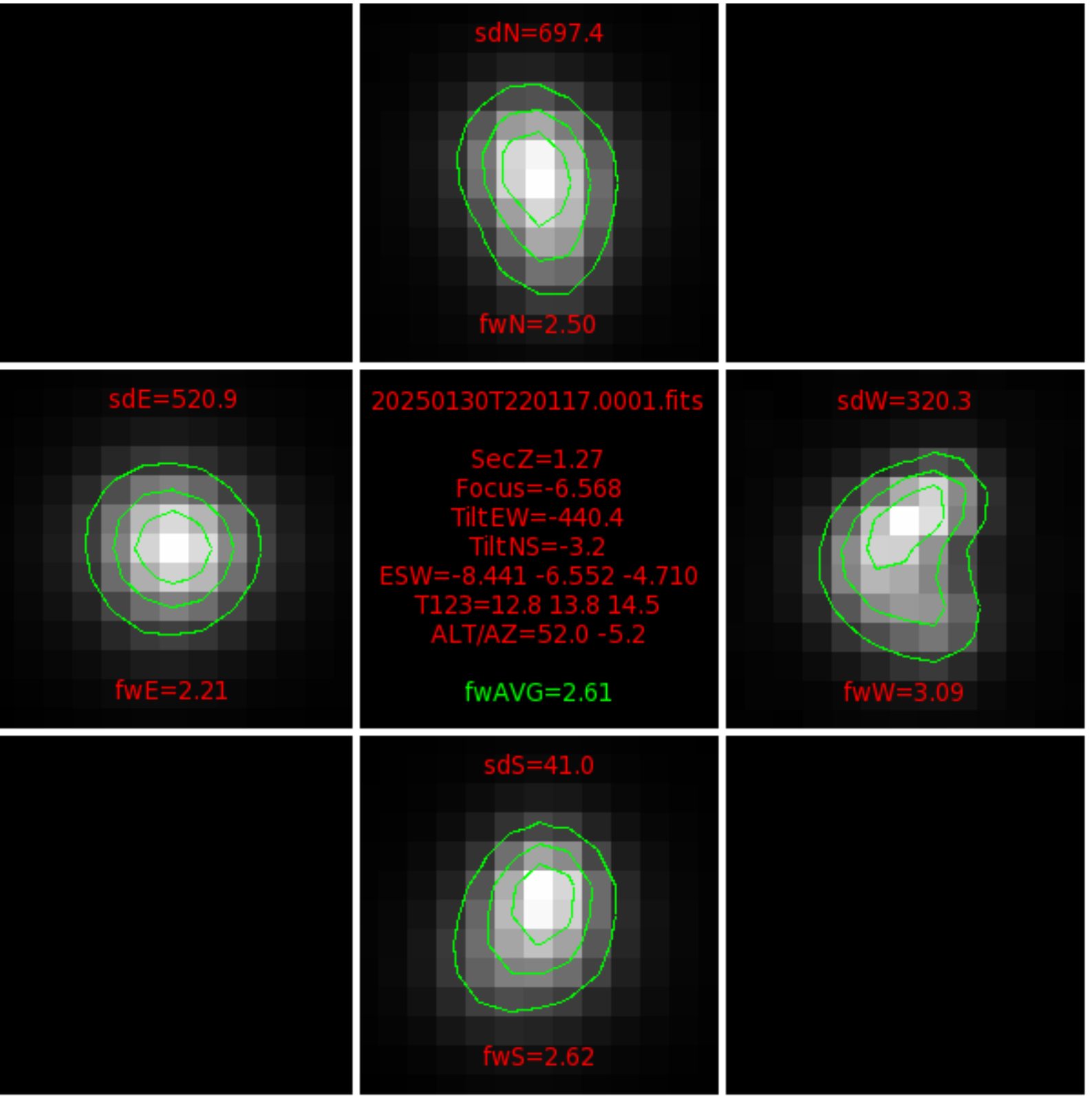
sdN=697.4
fwN=2.50
sdE=520.9
fwE=2.21
20250130T220117.0001.fits
SecZ=1.27
Focus=-6.568
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.441 -6.552 -4.710
T123=12.8 13.8 14.5
ALT/AZ=52.0 -5.2
fwAVG=2.61
sdW=320.3
fwW=3.09
sdS=41.0
fwS=2.62
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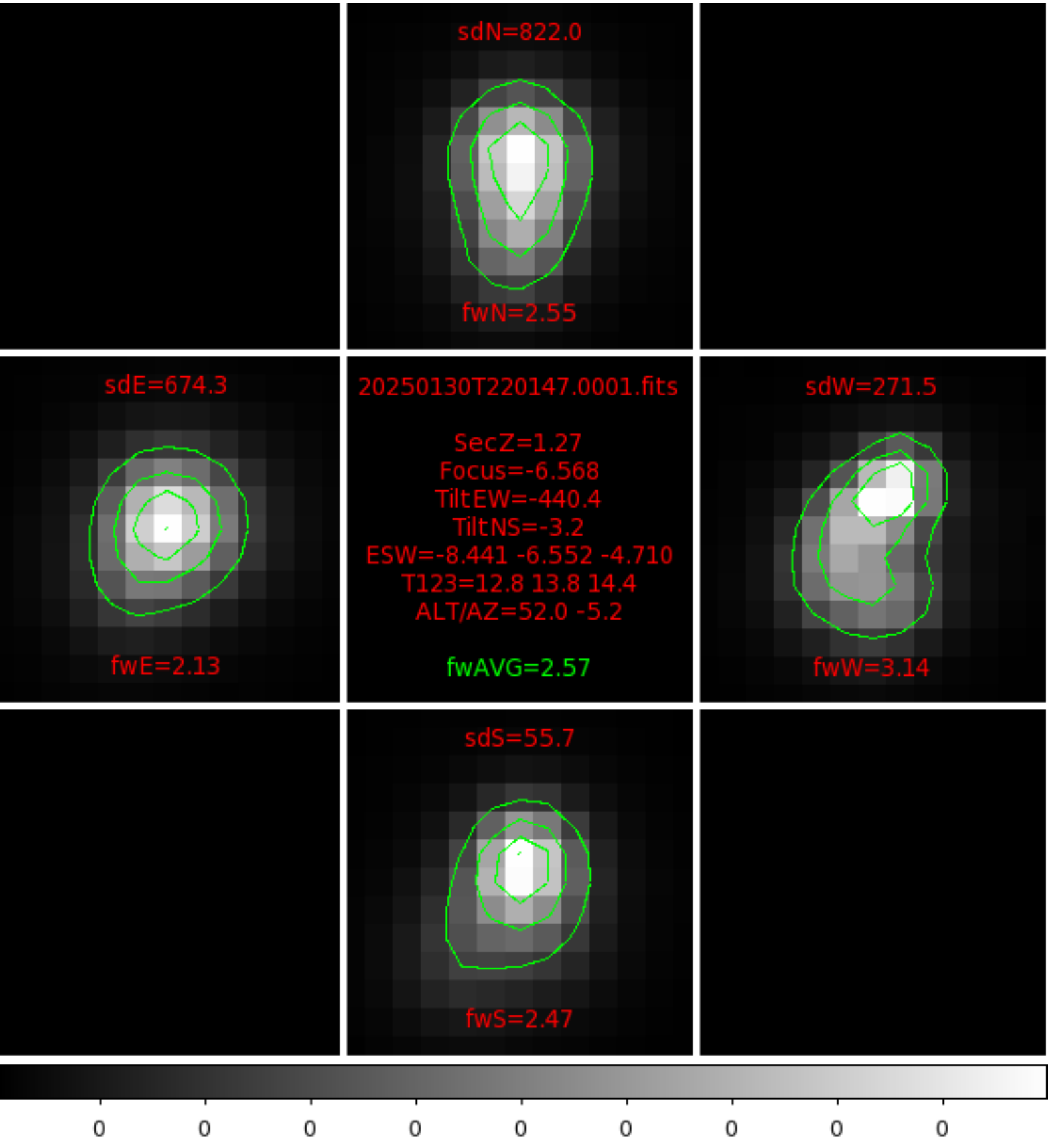
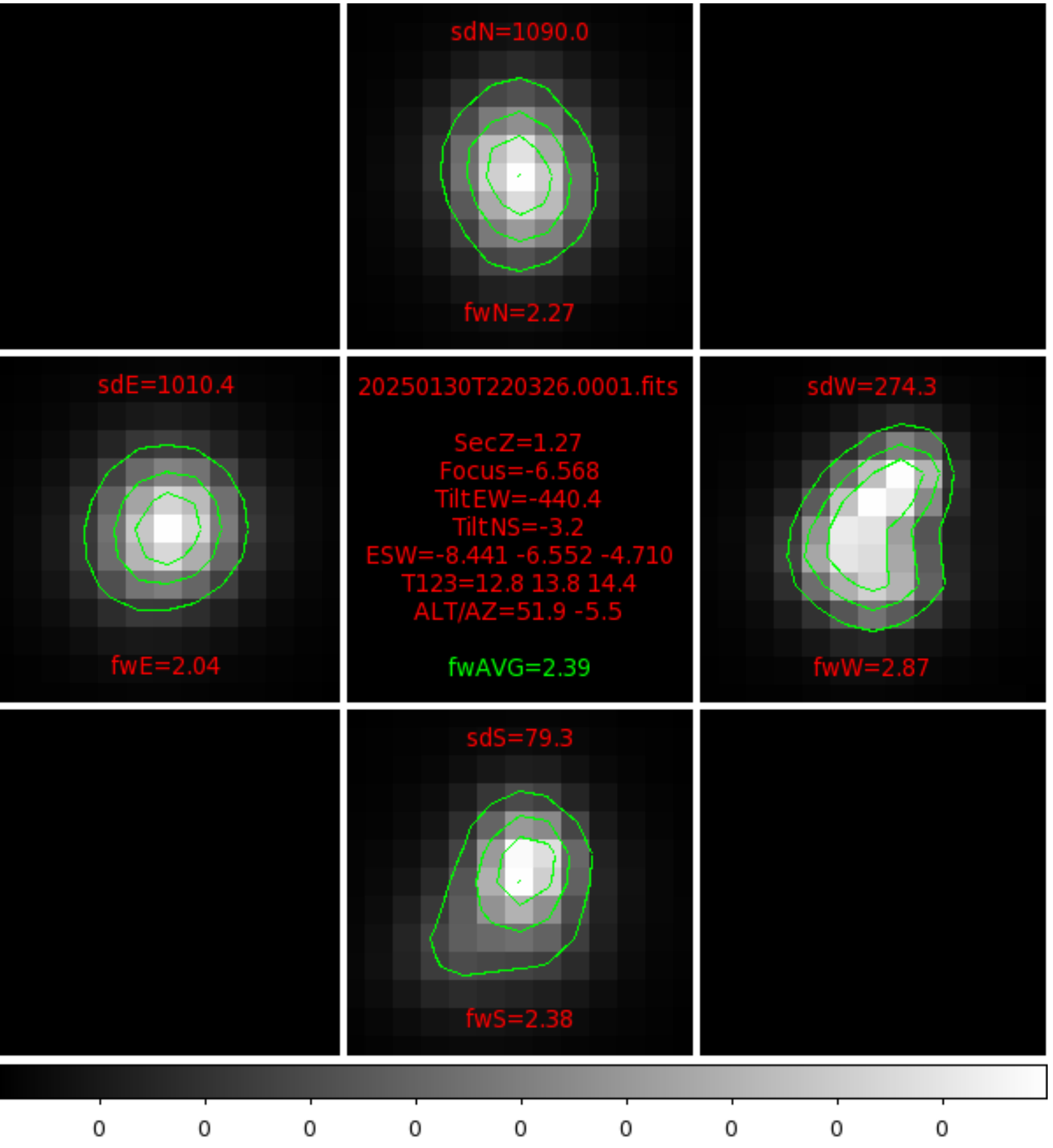

sdN=822.0
fwN=2.55
sdE=674.3
fwE=2.13
20250130T220147.0001.fits
SecZ=1.27
Focus=-6.568
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.441 -6.552 -4.710
T123=12.8 13.8 14.4
ALT/AZ=52.0 -5.2
fwAVG=2.57
sdW=271.5
fwW=3.14
sdS=55.7
fwS=2.47
0 0 0 0 0 0 0 0 0


sdN=1090.0
fwN=2.27
sdE=1010.4
fwE=2.04
20250130T220326.0001.fits
SecZ=1.27
Focus=-6.568
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.441 -6.552 -4.710
T123=12.8 13.8 14.4
ALT/AZ=51.9 -5.5
fwAVG=2.39
sdW=274.3
fwW=2.87
sdS=79.3
fwS=2.38
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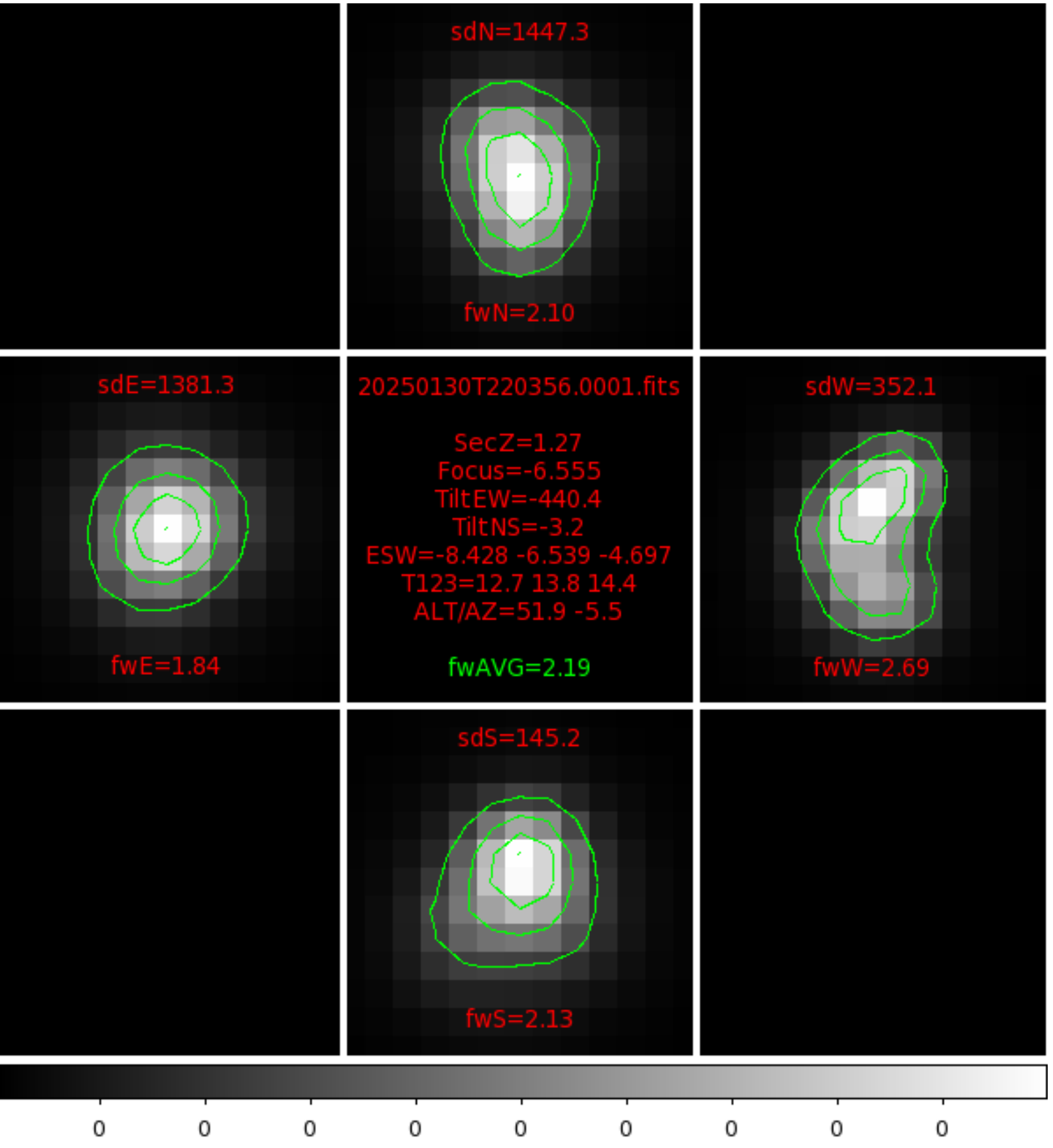
sdN=1447.3
fwN=2.10
sdE=1381.3
fwE=1.84
20250130T220356.0001.fits
SecZ=1.27
Focus=-6.555
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.428 -6.539 -4.697
T123=12.7 13.8 14.4
ALT/AZ=51.9 -5.5
fwAVG=2.19
sdW=352.1
fwW=2.69
sdS=145.2
fwS=2.13
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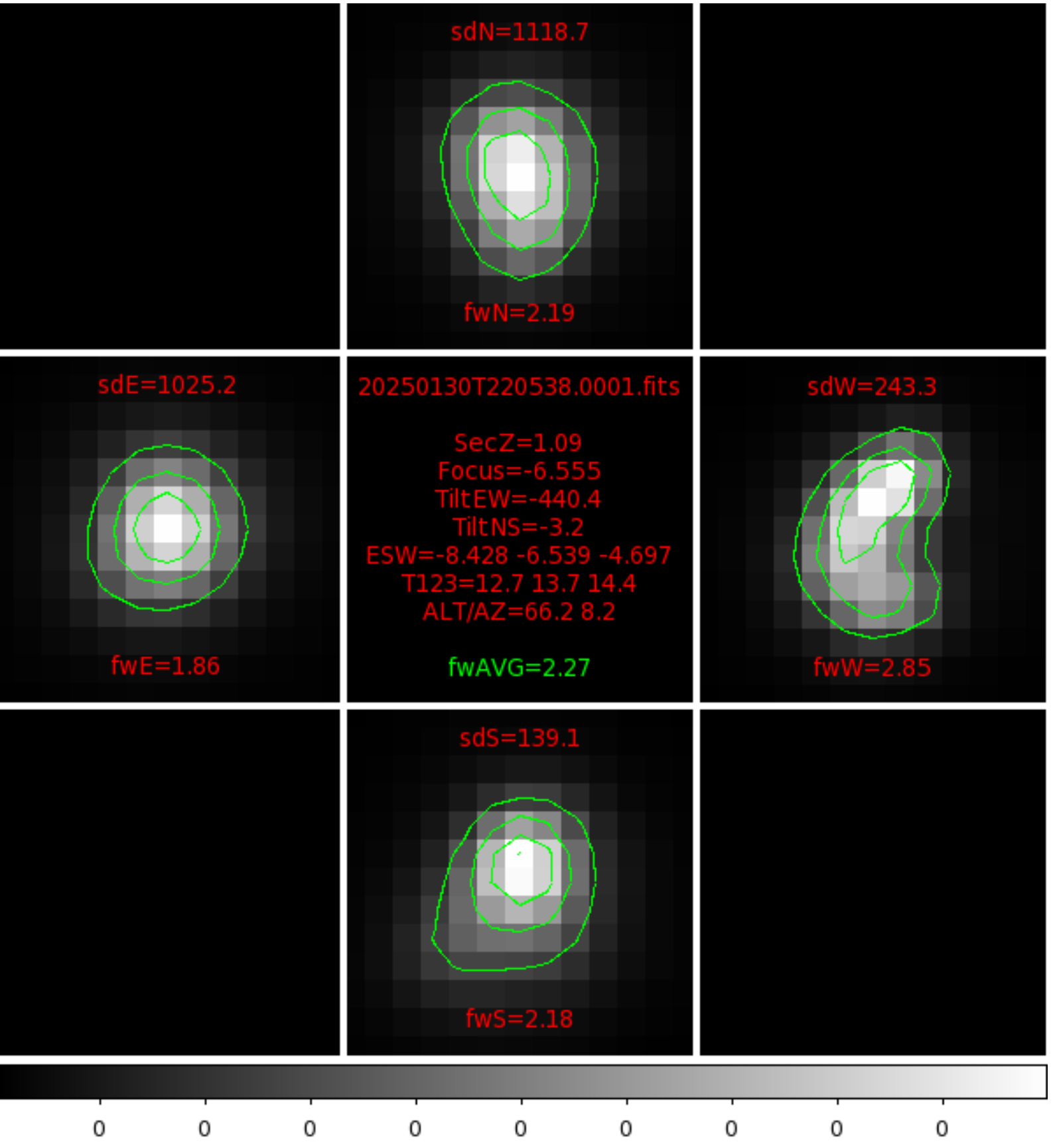
sdN=1118.7
fwN=2.19
sdE=1025.2
fwE=1.86
20250130T220538.0001.fits
SecZ=1.09
Focus=-6.555
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.428 -6.539 -4.697
T123=12.7 13.7 14.4
ALT/AZ=66.2 8.2
fwAVG=2.27
sdW=243.3
fwW=2.85
sdS=139.1
fwS=2.18
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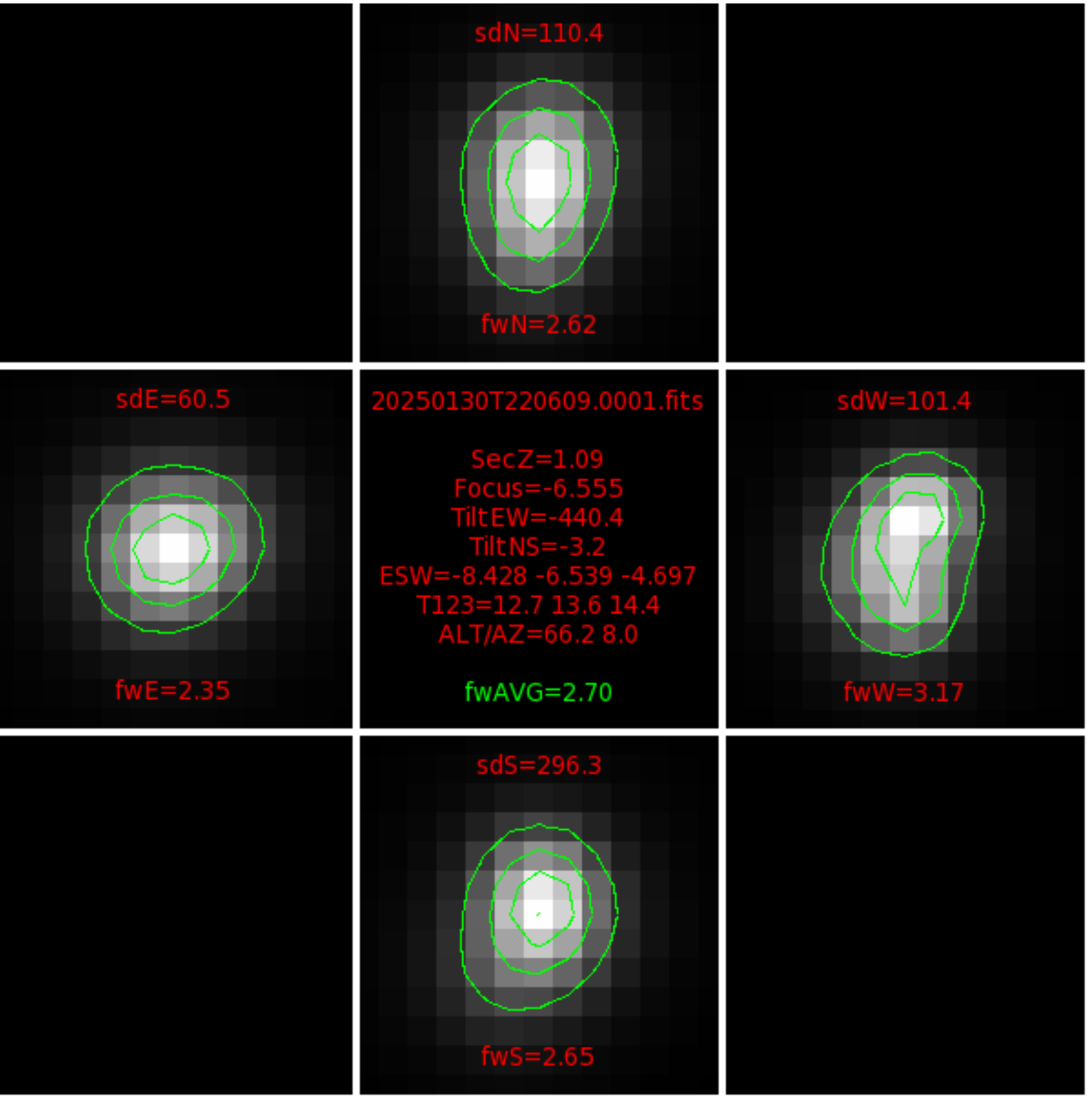
sdN=110.4
fwN=2.62
sdE=60.5
fwE=2.35
20250130T220609.0001.fits
SecZ=1.09
Focus=-6.555
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.428 -6.539 -4.697
T123=12.7 13.6 14.4
ALT/AZ=66.2 8.0
fwAVG=2.70
sdW=101.4
fwW=3.17
sdS=296.3
fwS=2.65
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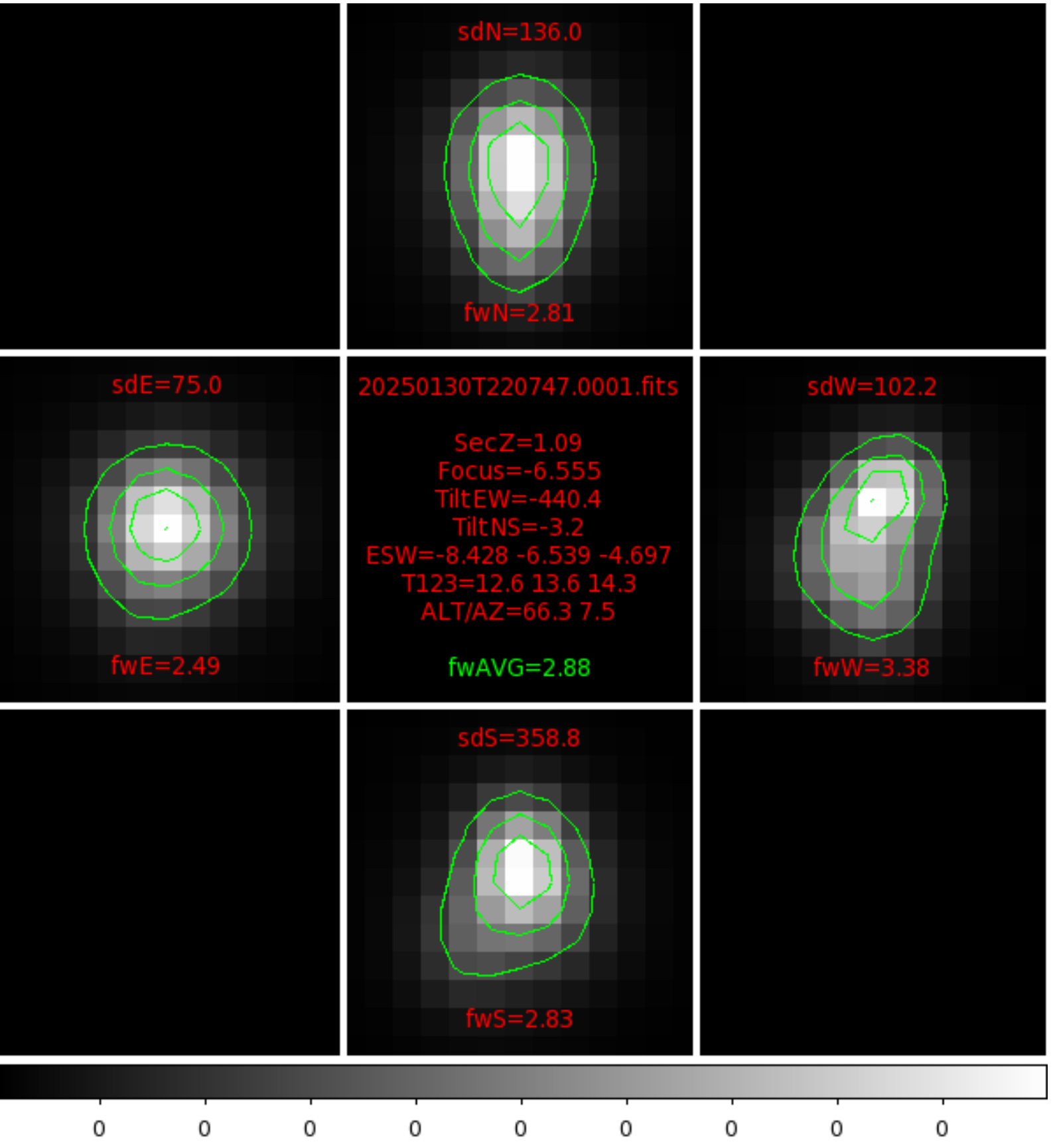
sdN=136.0
fwN=2.81
sdE=75.0
fwE=2.49
20250130T220747.0001.fits
SecZ=1.09
Focus=-6.555
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.428 -6.539 -4.697
T123=12.6 13.6 14.3
ALT/AZ=66.3 7.5
fwAVG=2.88
sdW=102.2
fwW=3.38
sdS=358.8
fwS=2.83
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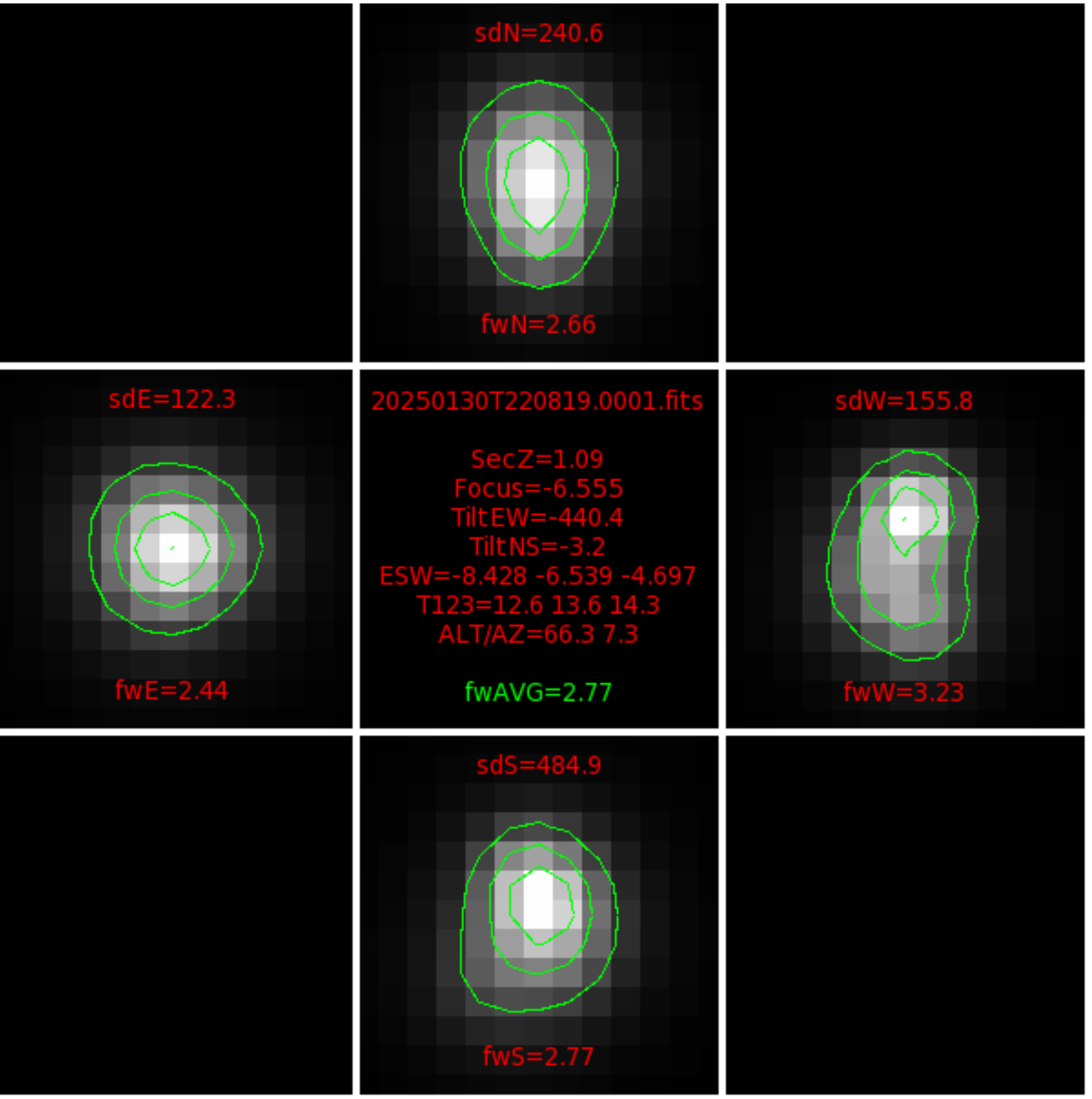
sdN=240.6
fwN=2.66
sdE=122.3
fwE=2.44
20250130T220819.0001.fits
SecZ=1.09
Focus=-6.555
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.428 -6.539 -4.697
T123=12.6 13.6 14.3
ALT/AZ=66.3 7.3
fwAVG=2.77
sdW=155.8
fwW=3.23
sdS=484.9
fwS=2.77
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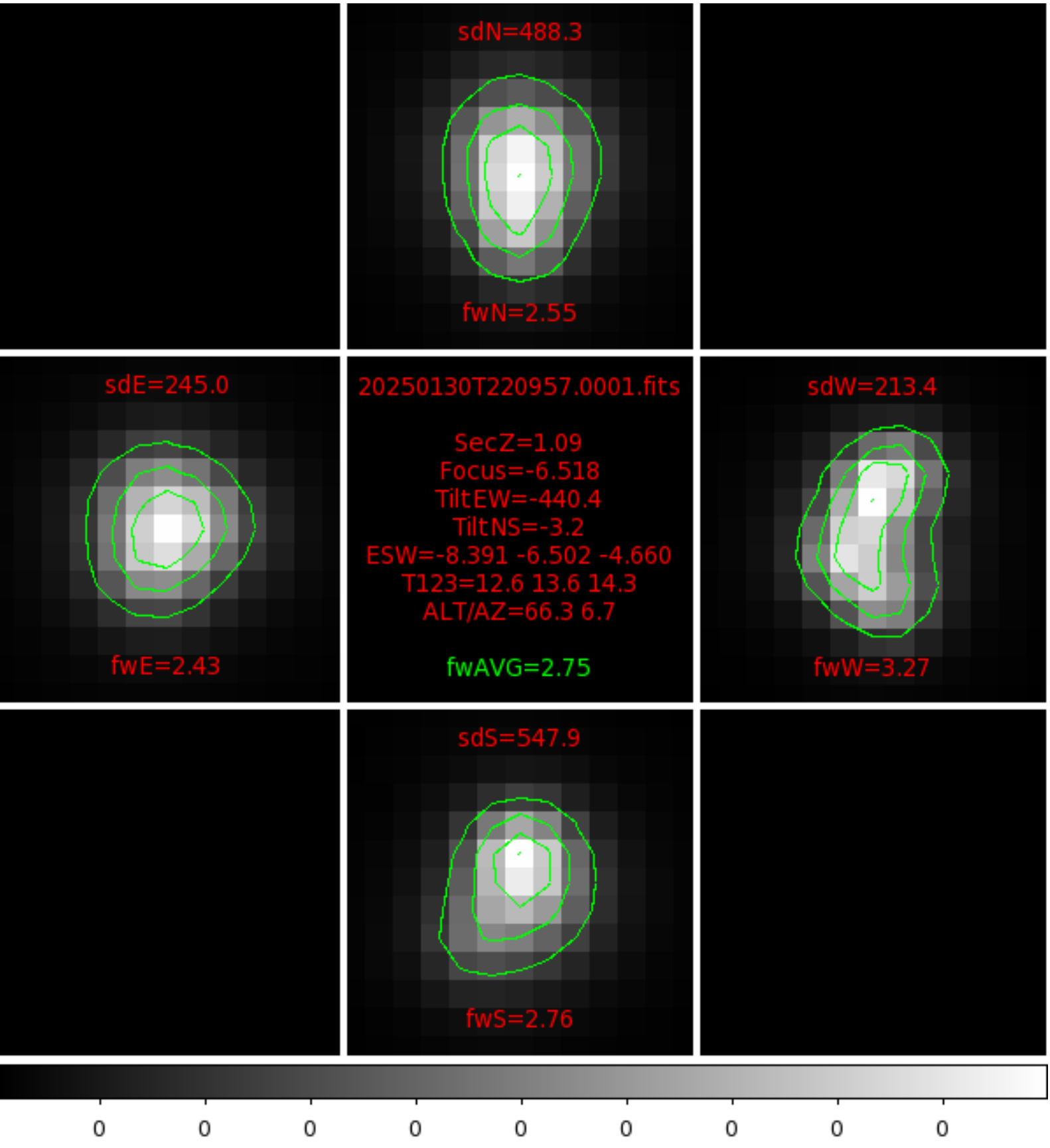
sdN=488.3
fwN=2.55
sdE=245.0
fwE=2.43
20250130T220957.0001.fits
SecZ=1.09
Focus=-6.518
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.391 -6.502 -4.660
T123=12.6 13.6 14.3
ALT/AZ=66.3 6.7
fwAVG=2.75
sdW=213.4
fwW=3.27
sdS=547.9
fwS=2.76
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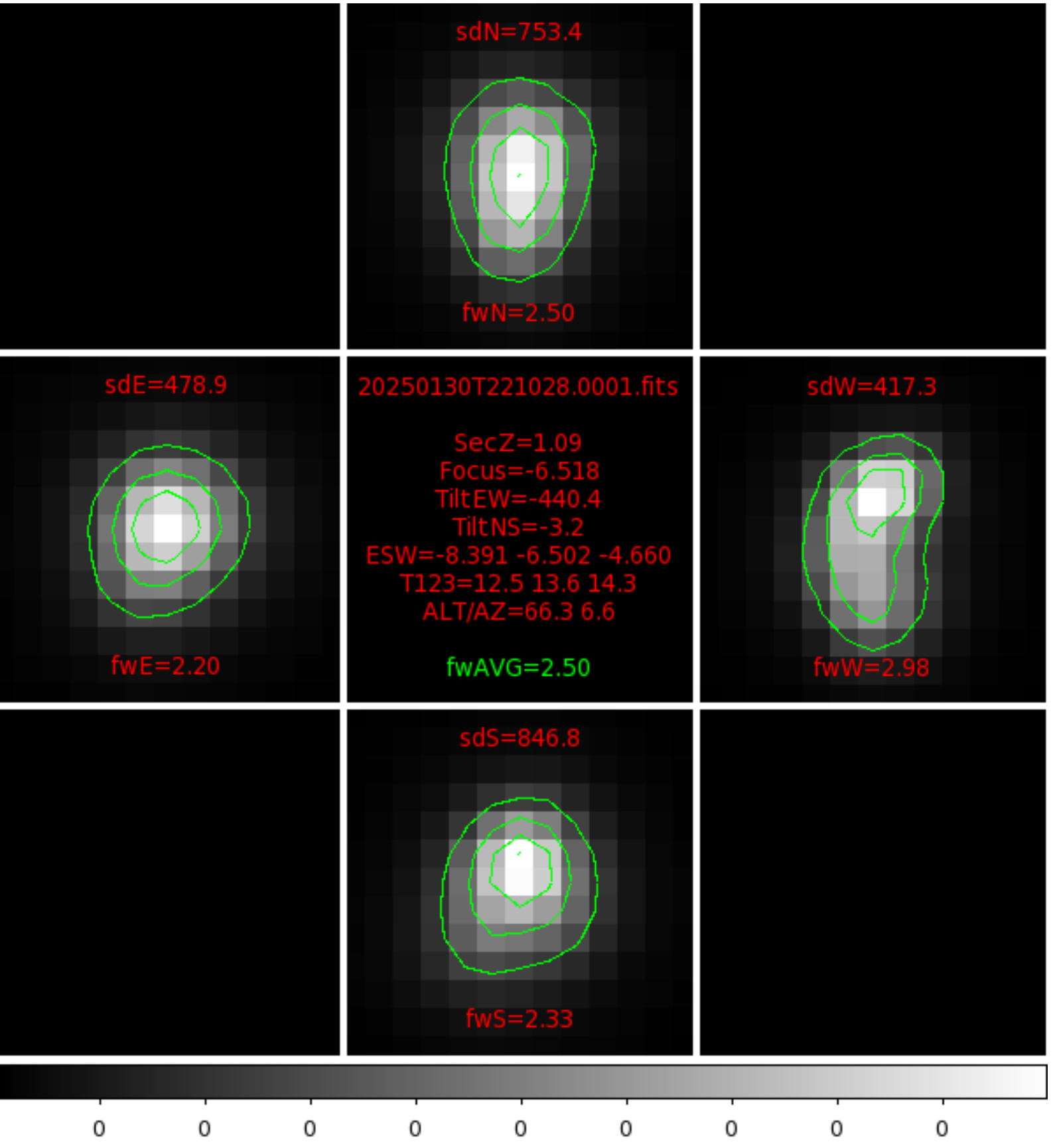
sdN=753.4
fwN=2.50
sdE=478.9
fwE=2.20
20250130T221028.0001.fits
SecZ=1.09
Focus=-6.518
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.391 -6.502 -4.660
T123=12.5 13.6 14.3
ALT/AZ=66.3 6.6
fwAVG=2.50
sdW=417.3
fwW=2.98
sdS=846.8
fwS=2.33
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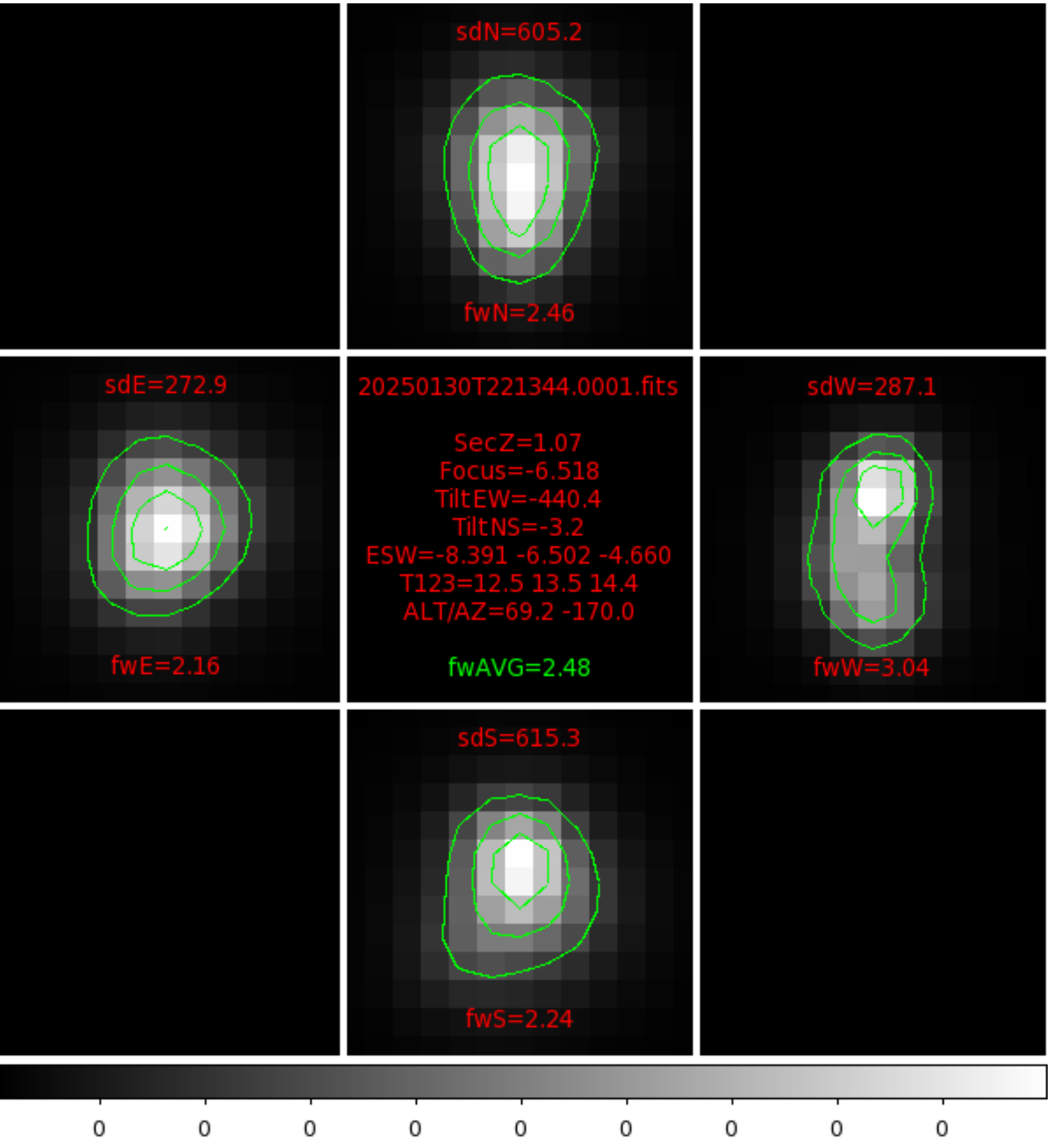
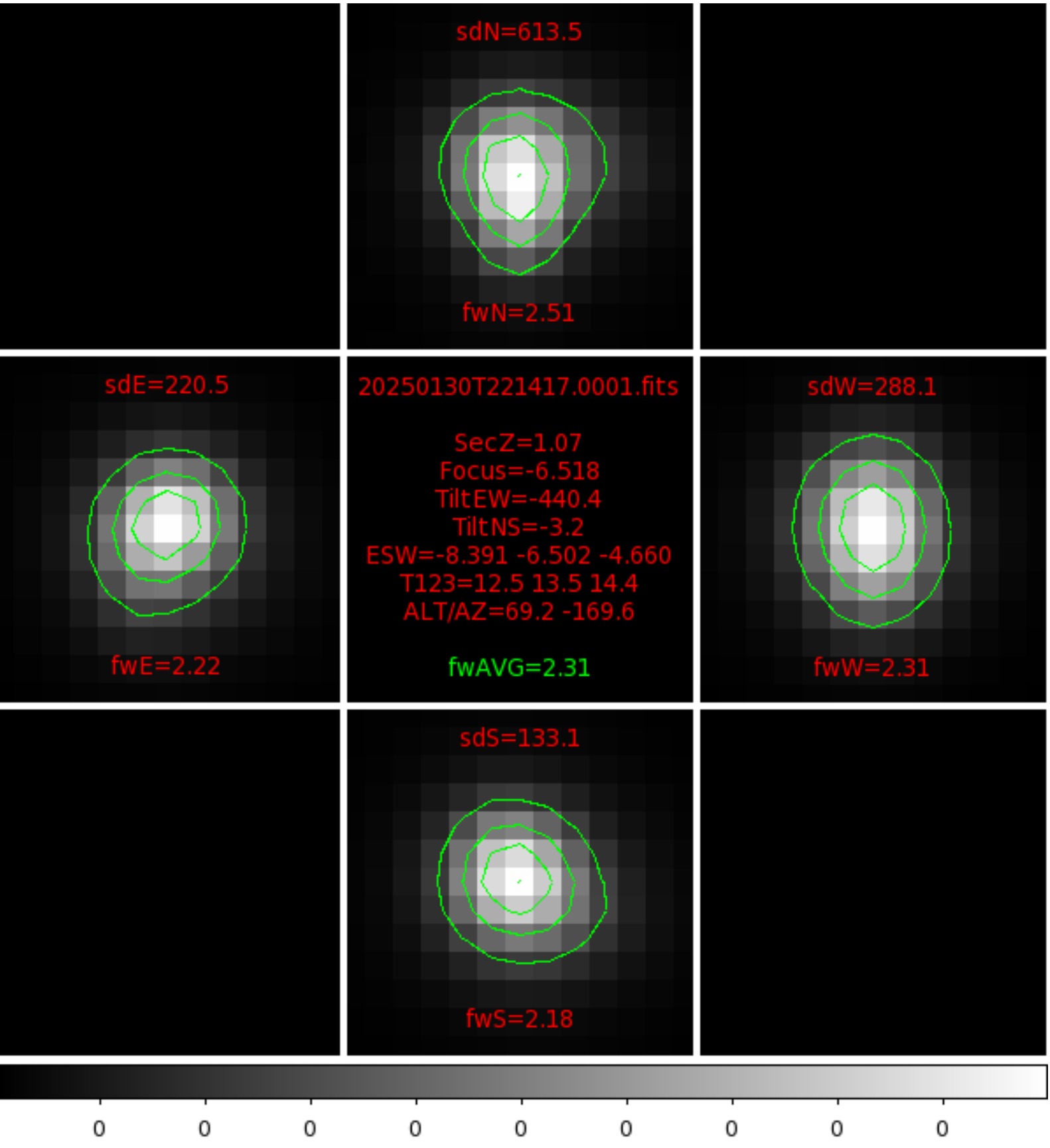
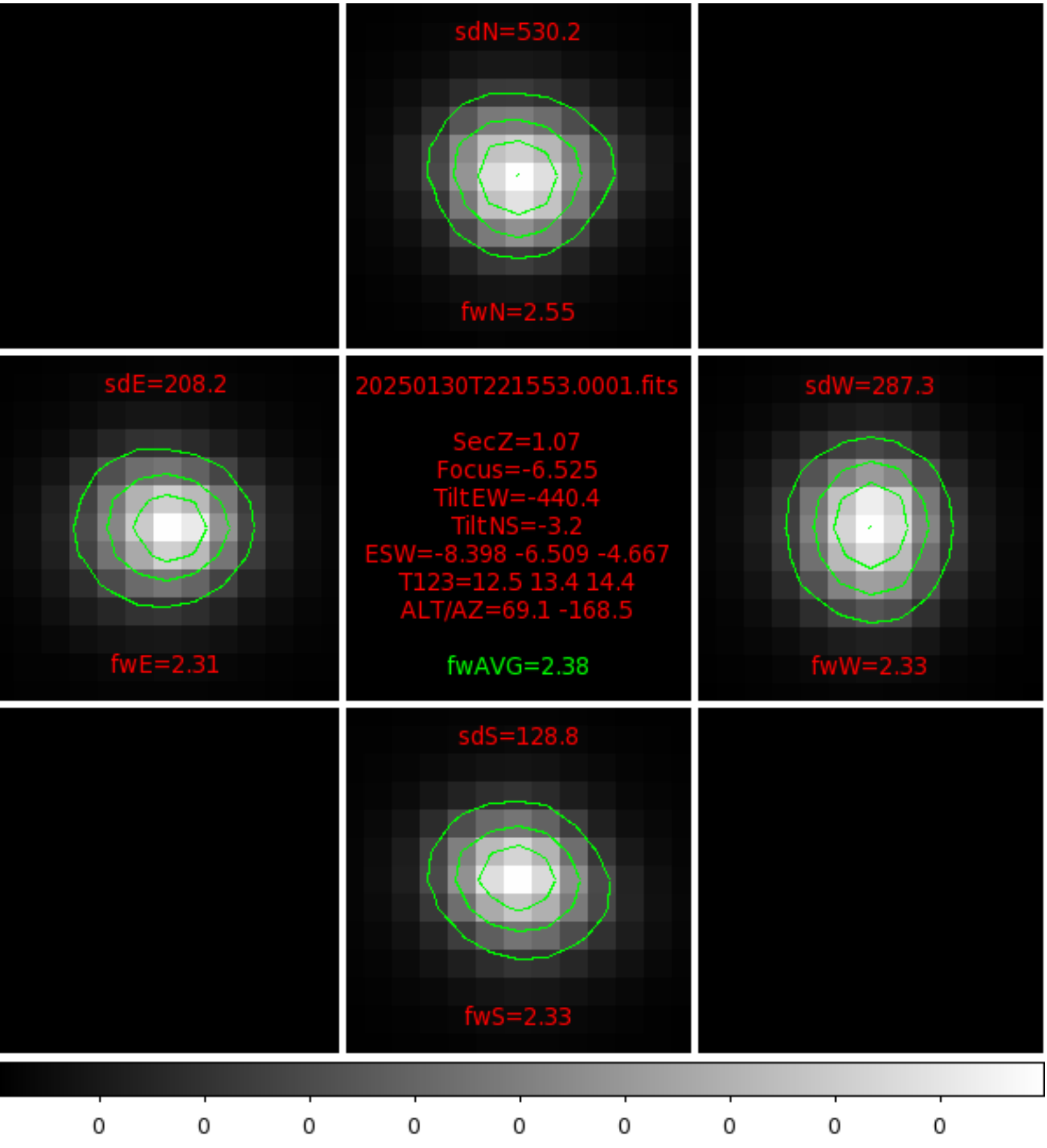
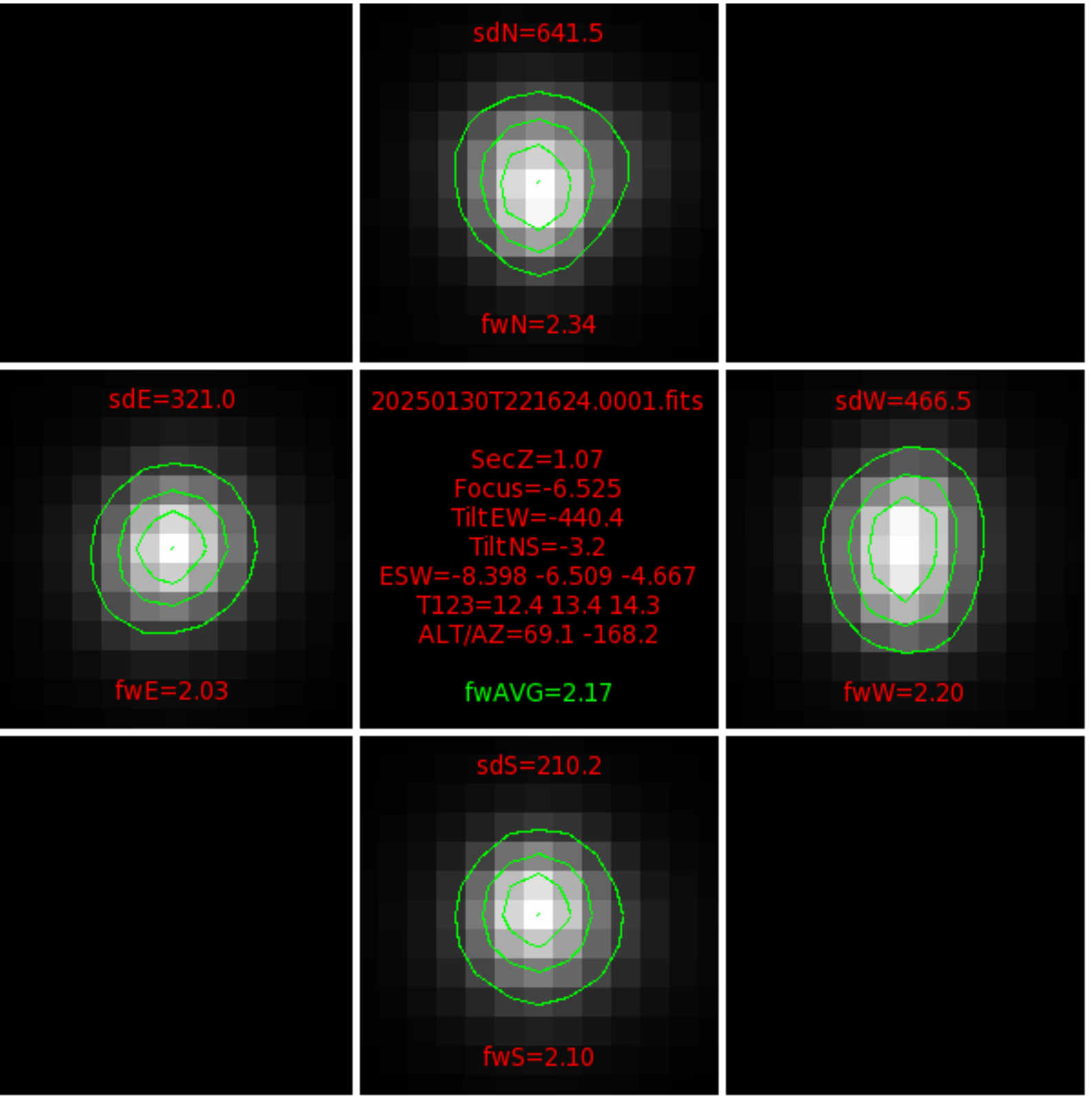
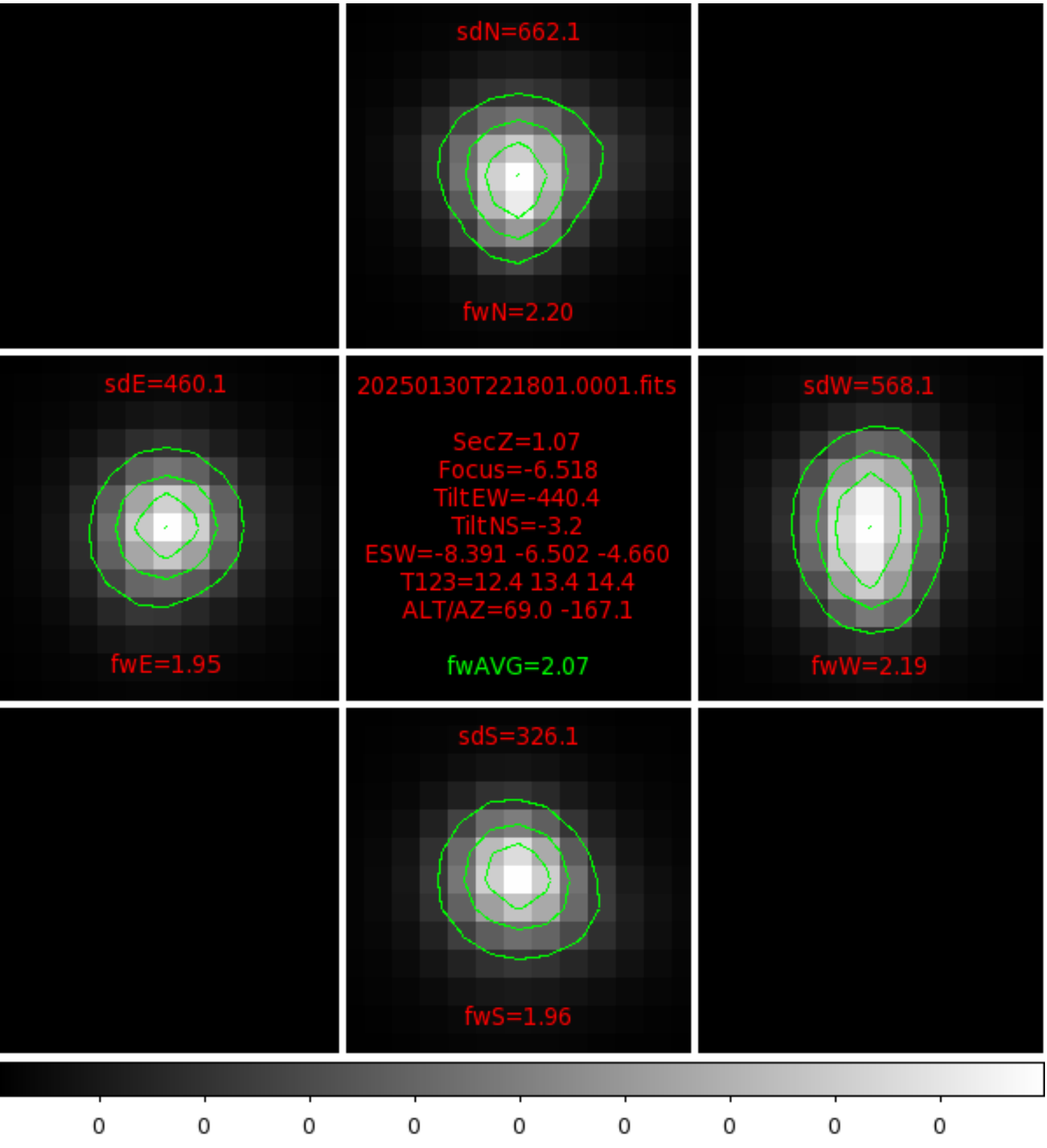
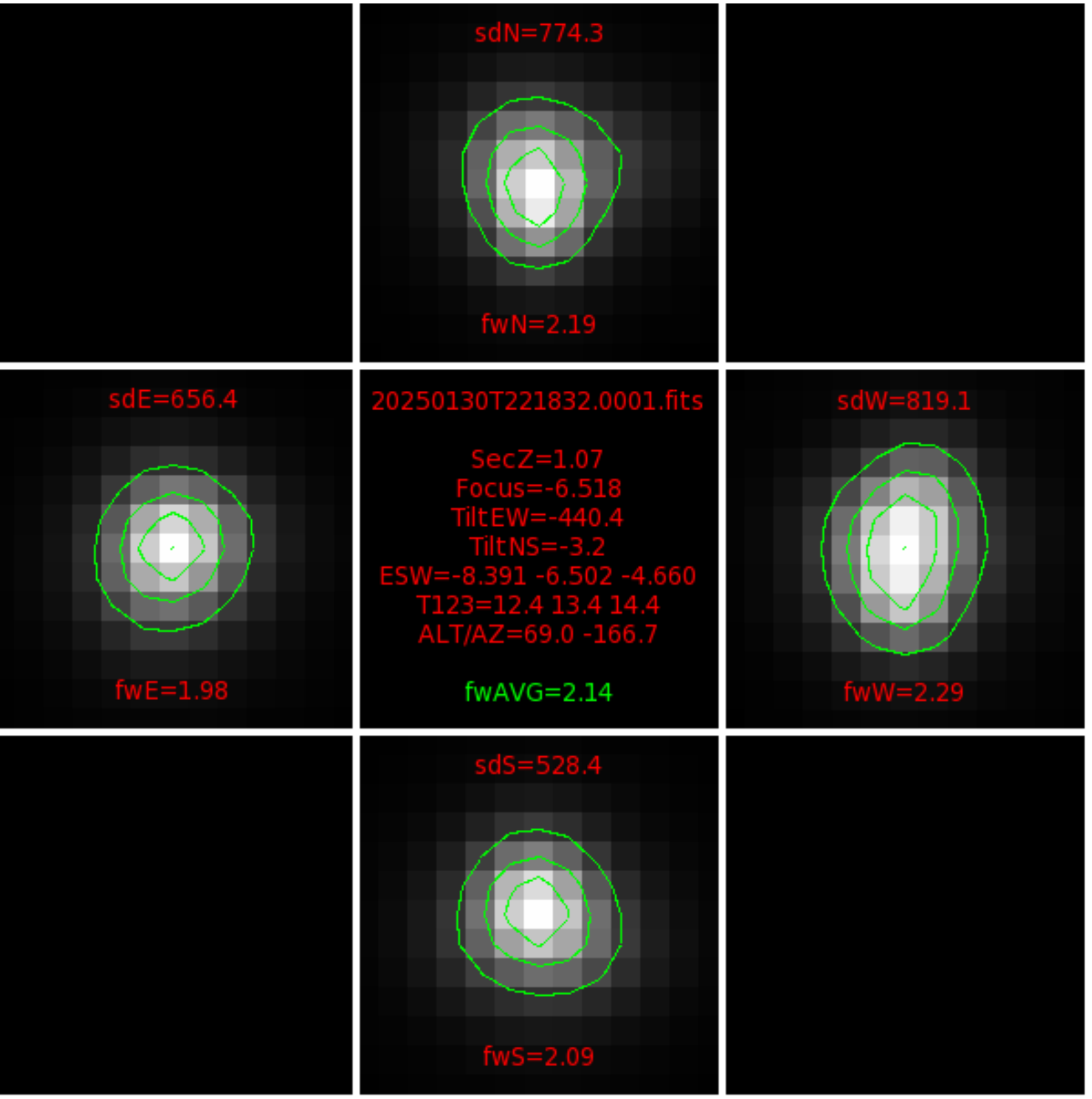

sdN=605.2
fwN=2.46
sdE=272.9
fwE=2.16
20250130T221344.0001.fits
SecZ=1.07
Focus=-6.518
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.391 -6.502 -4.660
T123=12.5 13.5 14.4
ALT/AZ=69.2 -170.0
fwAVG=2.48
sdW=287.1
fwW=3.04
sdS=615.3
fwS=2.24
0 0 0 0 0 0 0 0 0

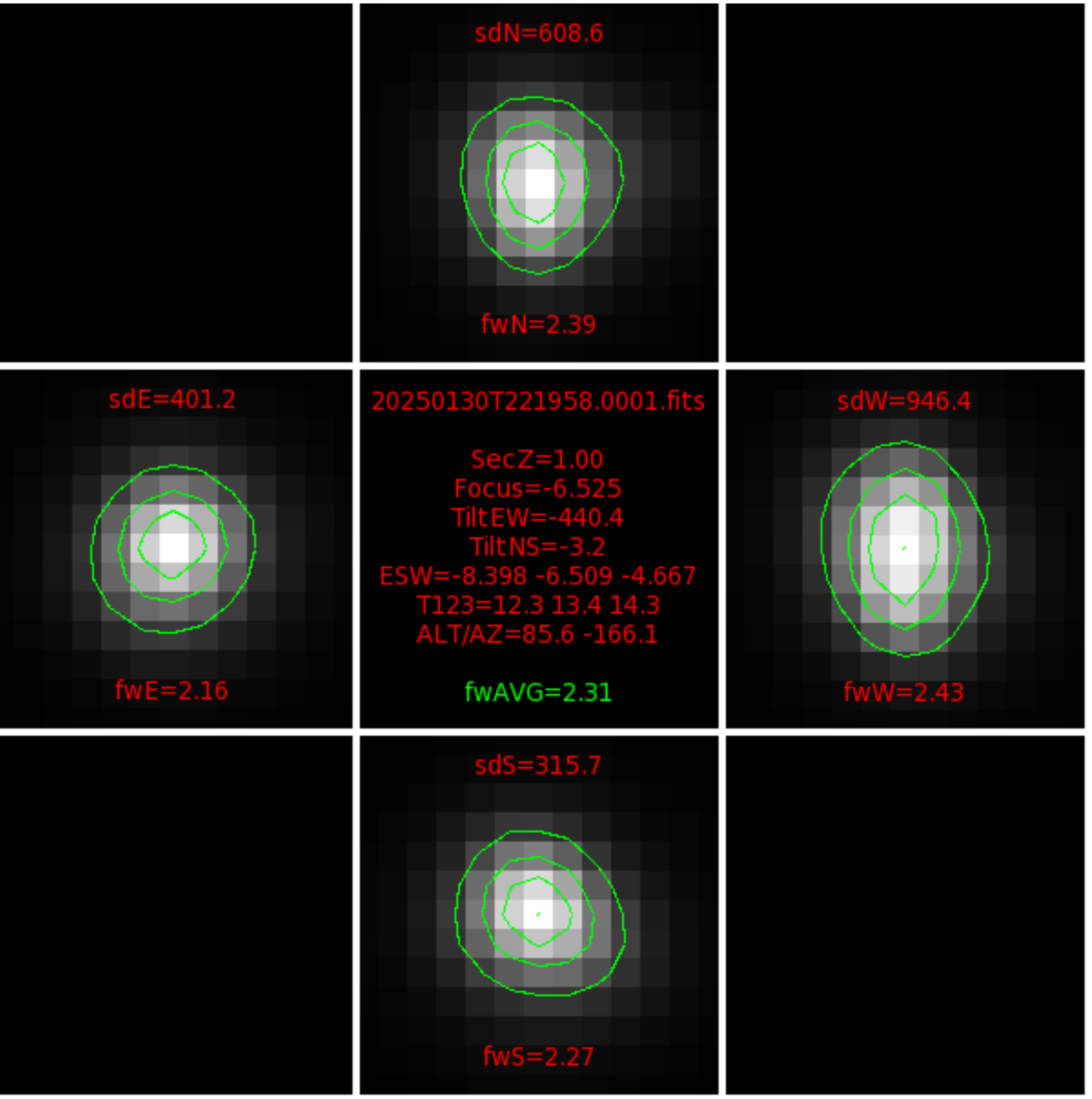

sdN=613.5
fwN=2.51
sdE=220.5
fwE=2.22
20250130T221417.0001.fits
SecZ=1.07
Focus=-6.518
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.391 -6.502 -4.660
T123=12.5 13.5 14.4
ALT/AZ=69.2 -169.6
fwAVG=2.31
sdW=288.1
fwW=2.31
sdS=133.1
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=530.2
fwN=2.55
sdE=208.2
fwE=2.31
20250130T221553.0001.fits
SecZ=1.07
Focus=-6.525
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.398 -6.509 -4.667
T123=12.5 13.4 14.4
ALT/AZ=69.1 -168.5
fwAVG=2.38
sdW=287.3
fwW=2.33
sdS=128.8
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=641.5
fwN=2.34
sdE=321.0
fwE=2.03
20250130T221624.0001.fits
SecZ=1.07
Focus=-6.525
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.398 -6.509 -4.667
T123=12.4 13.4 14.3
ALT/AZ=69.1 -168.2
fwAVG=2.17
sdW=466.5
fwW=2.20
sdS=210.2
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=662.1
fwN=2.20
sdE=460.1
fwE=1.95
20250130T221801.0001.fits
SecZ=1.07
Focus=-6.518
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.391 -6.502 -4.660
T123=12.4 13.4 14.4
ALT/AZ=69.0 -167.1
fwAVG=2.07
sdW=568.1
fwW=2.19
sdS=326.1
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=774.3
fwN=2.19
sdE=656.4
fwE=1.98
20250130T221832.0001.fits
SecZ=1.07
Focus=-6.518
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.391 -6.502 -4.660
T123=12.4 13.4 14.4
ALT/AZ=69.0 -166.7
fwAVG=2.14
sdW=819.1
fwW=2.29
sdS=528.4
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=608.6
fwN=2.39
sdE=401.2
fwE=2.16
20250130T221958.0001.fits
SecZ=1.00
Focus=-6.525
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.398 -6.509 -4.667
T123=12.3 13.4 14.3
ALT/AZ=85.6 -166.1
fwAVG=2.31
sdW=946.4
fwW=2.43
sdS=315.7
fwS=2.27
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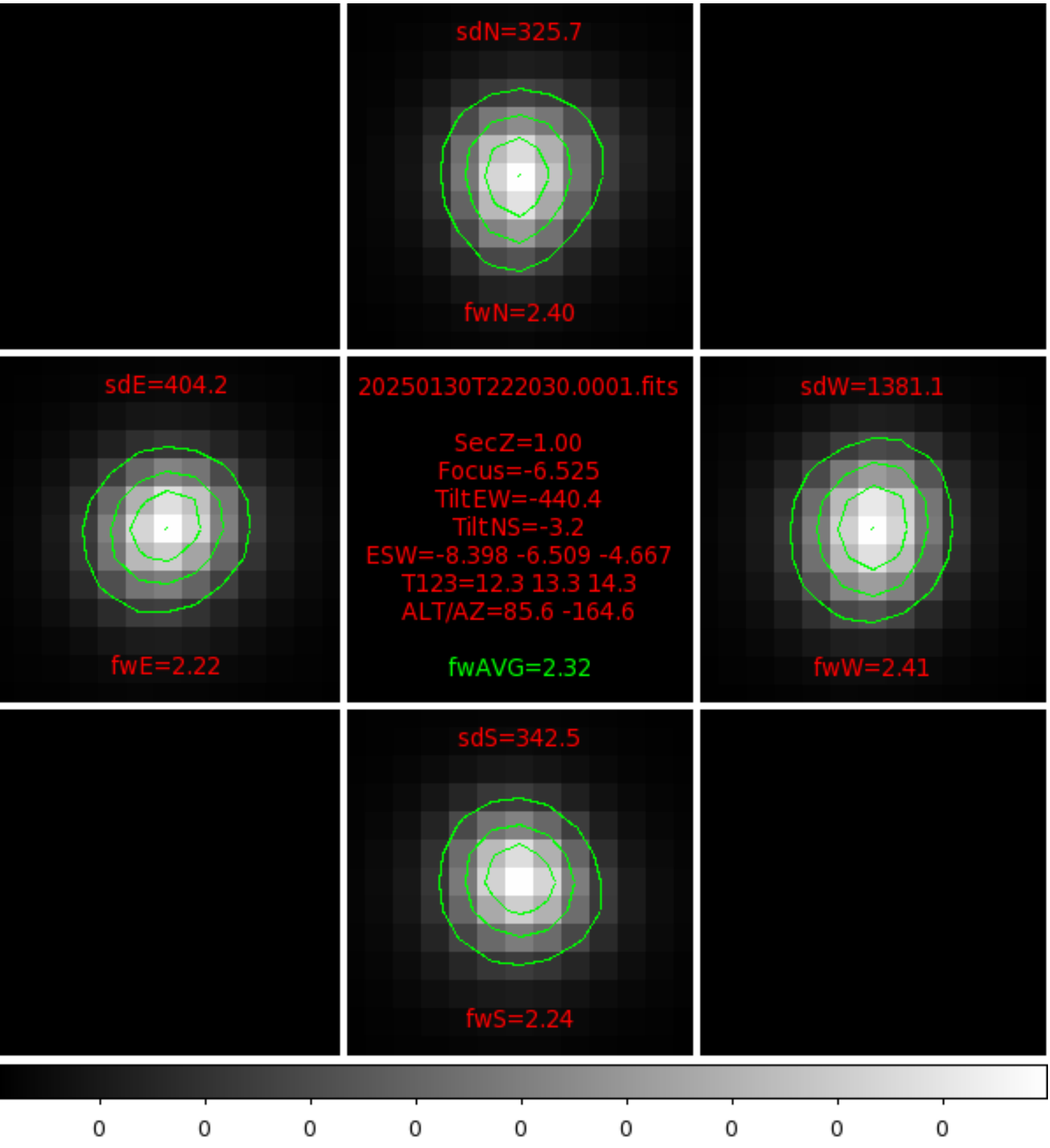
sdN=325.7
fwN=2.40
sdE=404.2
fwE=2.22
20250130T222030.0001.fits
SecZ=1.00
Focus=-6.525
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.398 -6.509 -4.667
T123=12.3 13.3 14.3
ALT/AZ=85.6 -164.6
fwAVG=2.32
sdW=1381.1
fwW=2.41
sdS=342.5
fwS=2.24
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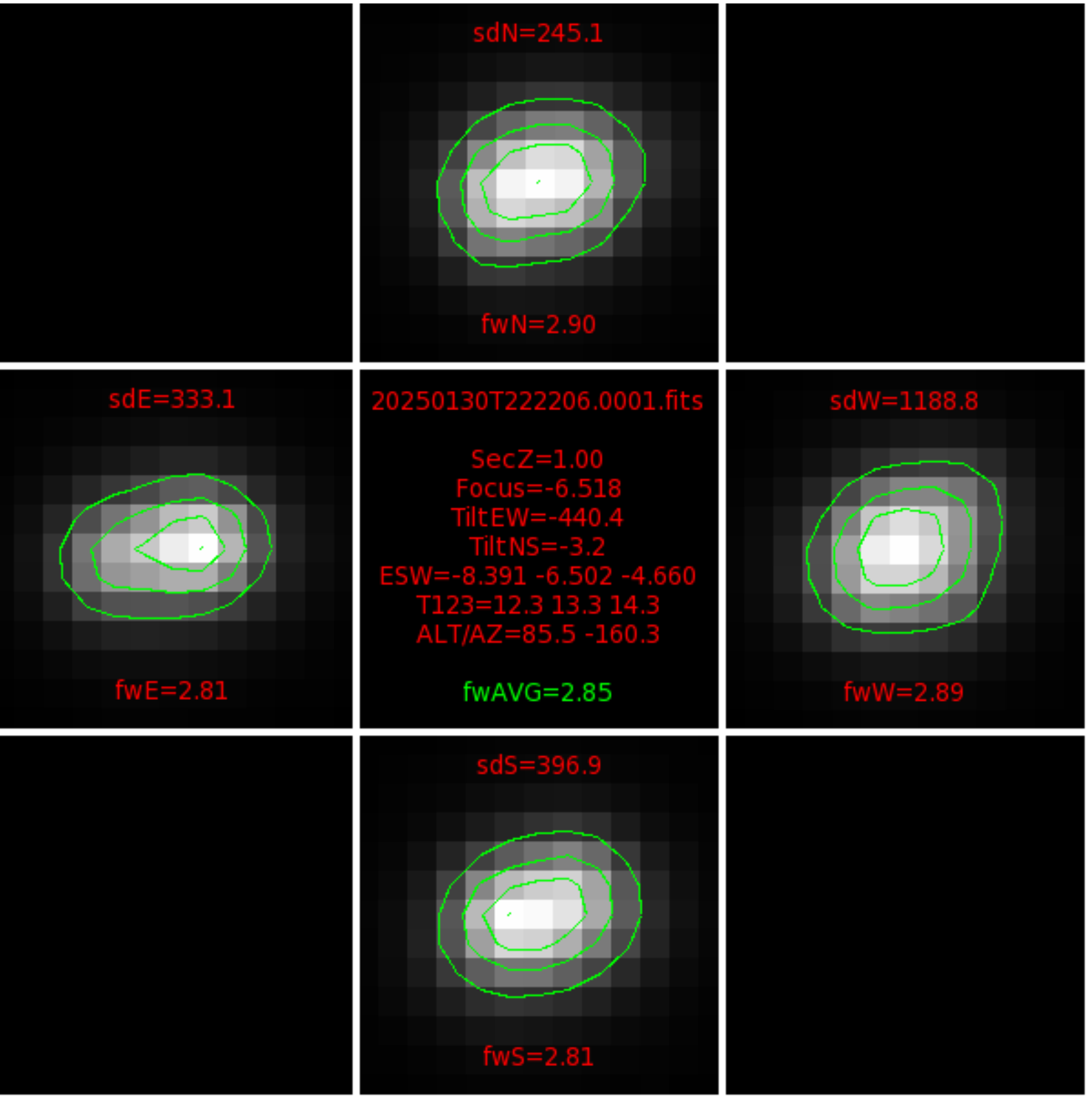
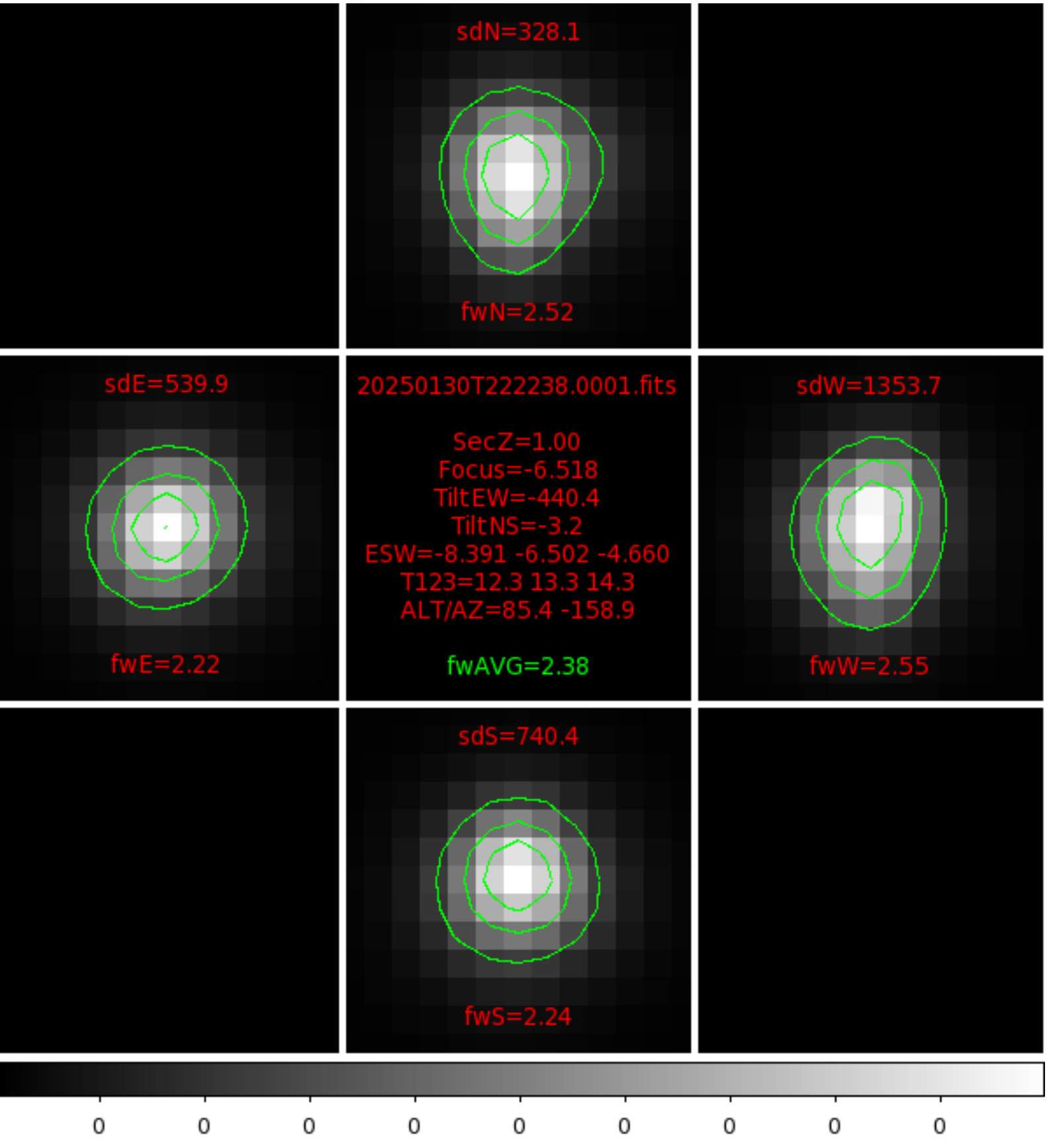

sdN=245.1
fwN=2.90
sdE=333.1
fwE=2.81
20250130T222206.0001.fits
SecZ=1.00
Focus=-6.518
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.391 -6.502 -4.660
T123=12.3 13.3 14.3
ALT/AZ=85.5 -160.3
fwAVG=2.85
sdW=1188.8
fwW=2.89
sdS=396.9
fwS=2.81
0 0 0 0 0 0 0 0 0


sdN=328.1
fwN=2.52
sdE=539.9
fwE=2.22
20250130T222238.0001.fits
SecZ=1.00
Focus=-6.518
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.391 -6.502 -4.660
T123=12.3 13.3 14.3
ALT/AZ=85.4 -158.9
fwAVG=2.38
sdW=1353.7
fwW=2.55
sdS=740.4
fwS=2.24
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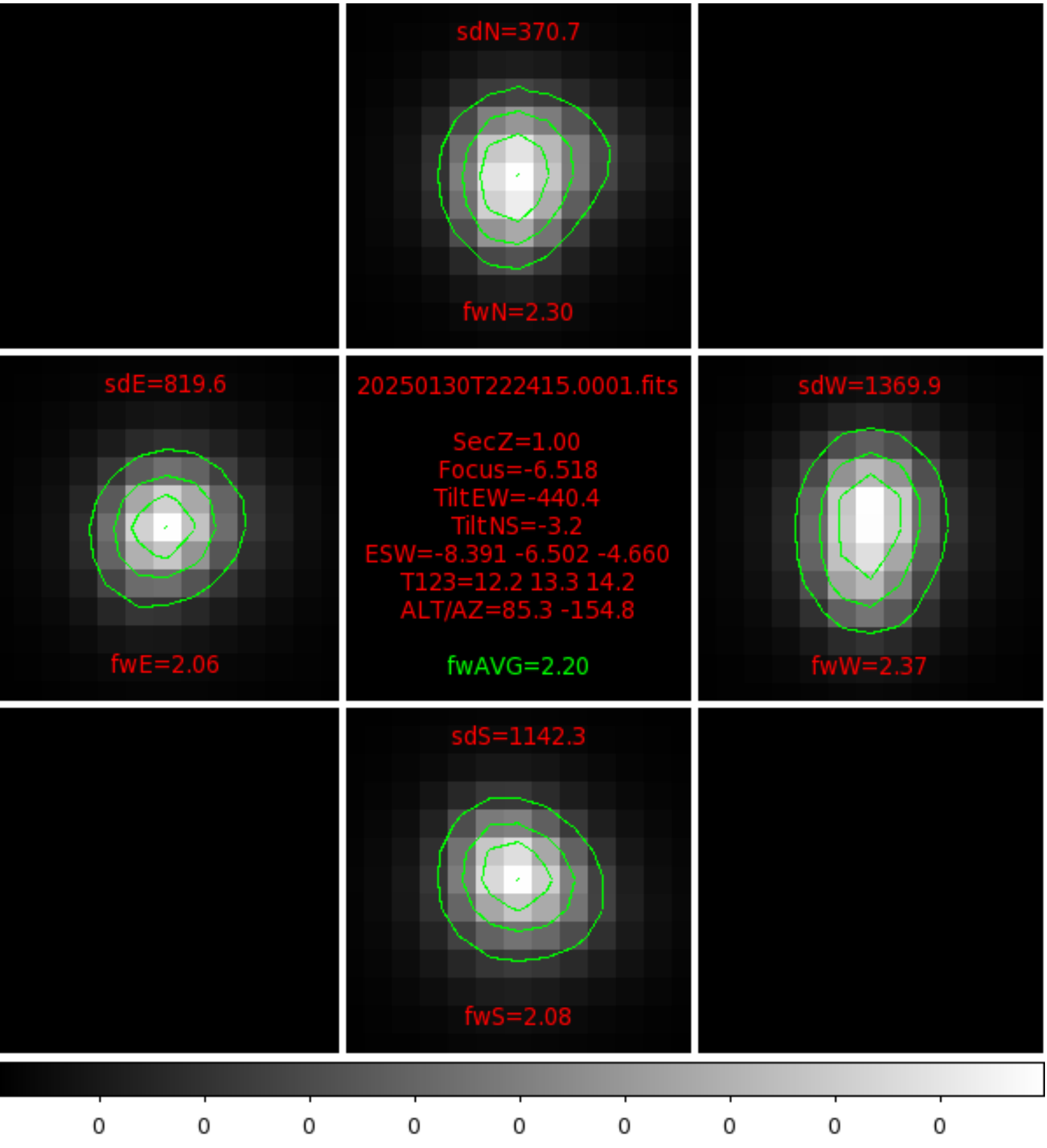
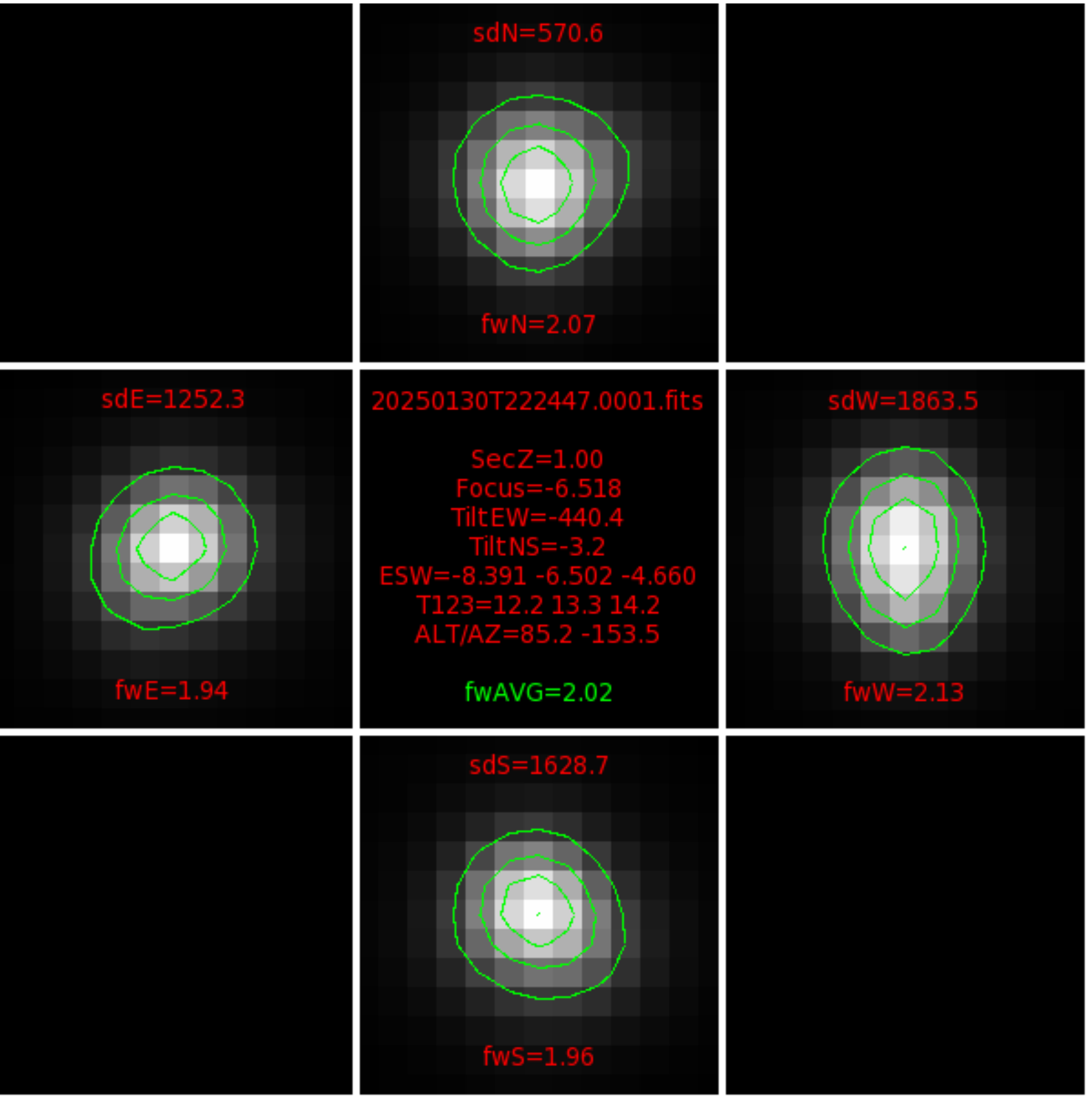

sdN=370.7
fwN=2.30
sdE=819.6
fwE=2.06
20250130T222415.0001.fits
SecZ=1.00
Focus=-6.518
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.391 -6.502 -4.660
T123=12.2 13.3 14.2
ALT/AZ=85.3 -154.8
fwAVG=2.20
sdW=1369.9
fwW=2.37
sdS=1142.3
fwS=2.08
0 0 0 0 0 0 0 0 0


sdN=570.6
fwN=2.07
sdE=1252.3
fwE=1.94
20250130T222447.0001.fits
SecZ=1.00
Focus=-6.518
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.391 -6.502 -4.660
T123=12.2 13.3 14.2
ALT/AZ=85.2 -153.5
fwAVG=2.02
sdW=1863.5
fwW=2.13
sdS=1628.7
fwS=1.96
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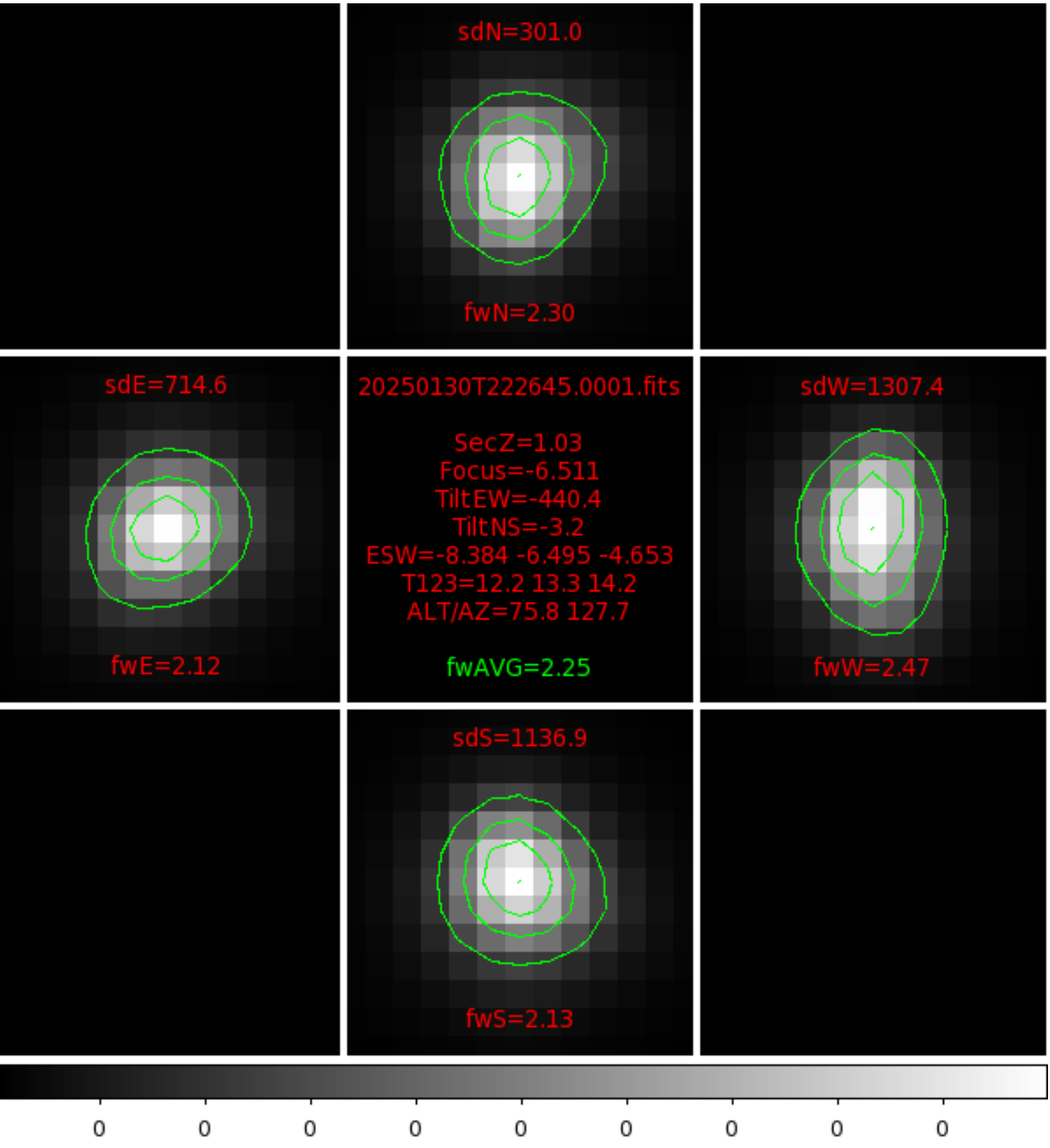
sdN=301.0
fwN=2.30
sdE=714.6
fwE=2.12
20250130T222645.0001.fits
SecZ=1.03
Focus=-6.511
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.384 -6.495 -4.653
T123=12.2 13.3 14.2
ALT/AZ=75.8 127.7
fwAVG=2.25
sdW=1307.4
fwW=2.47
sdS=1136.9
fwS=2.13
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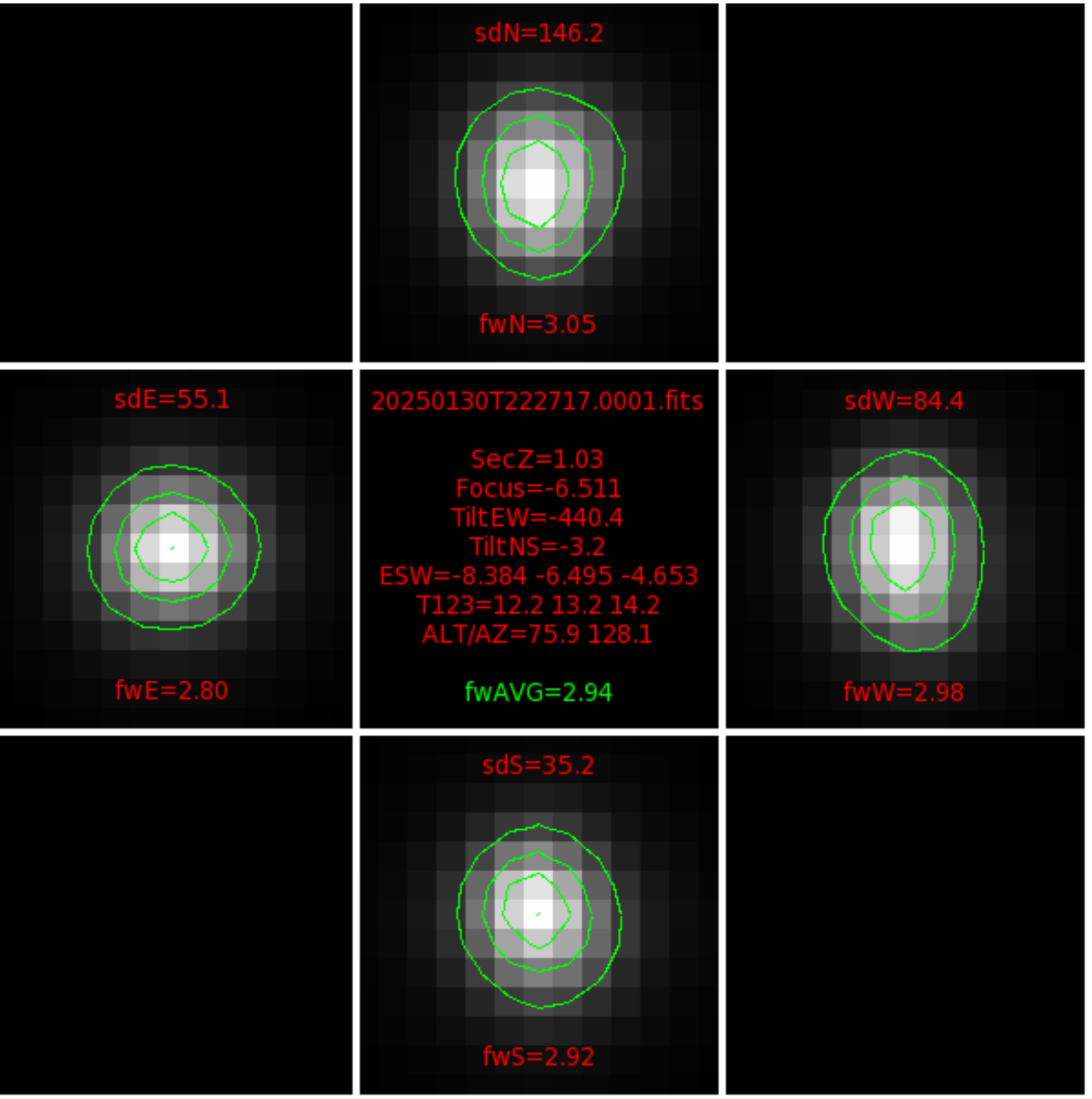
sdN=146.2
fwN=3.05
sdE=55.1
fwE=2.80
20250130T222717.0001.fits
SecZ=1.03
Focus=-6.511
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.384 -6.495 -4.653
T123=12.2 13.2 14.2
ALT/AZ=75.9 128.1
fwAVG=2.94
sdW=84.4
fwW=2.98
sdS=35.2
fwS=2.92
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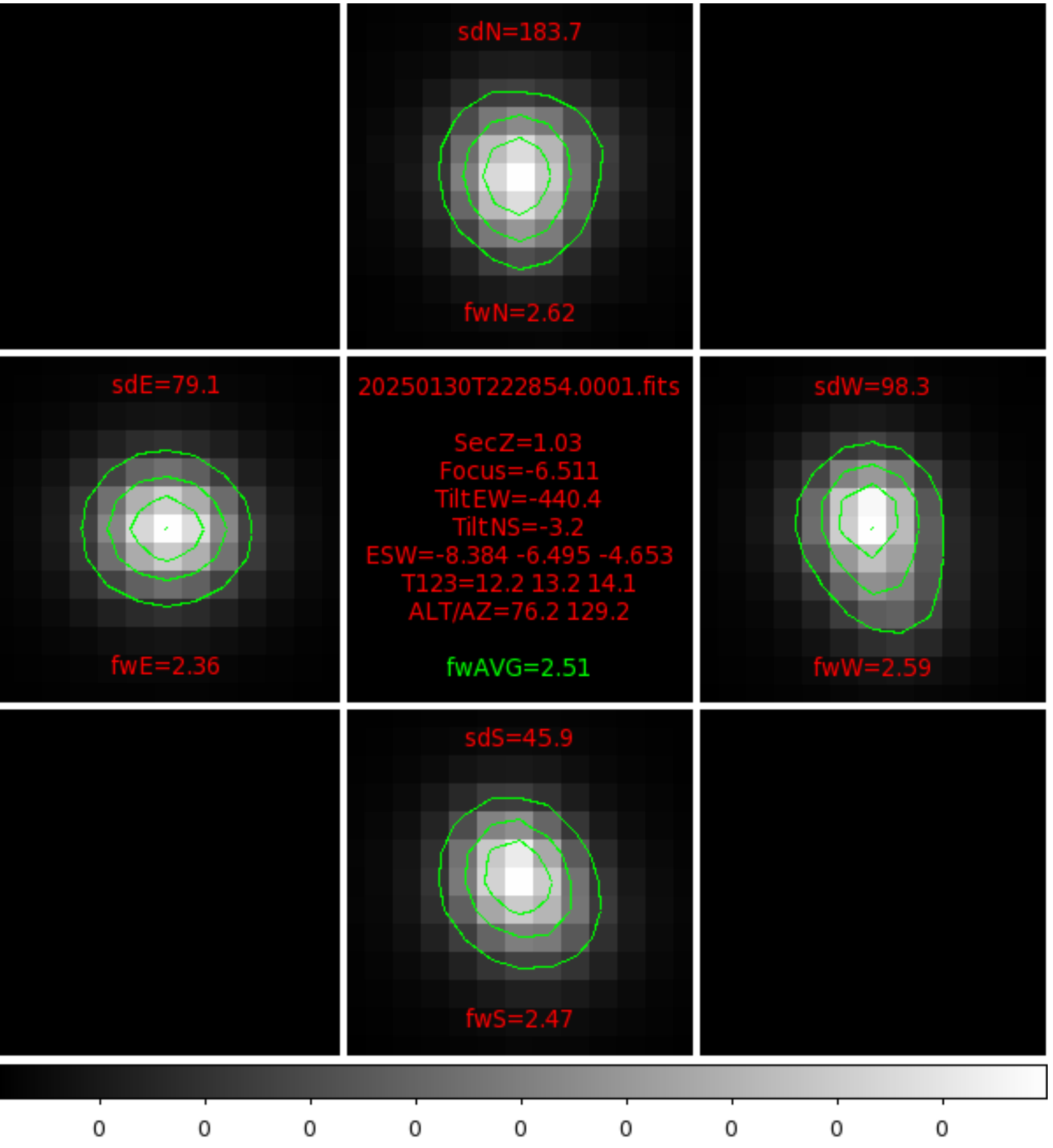
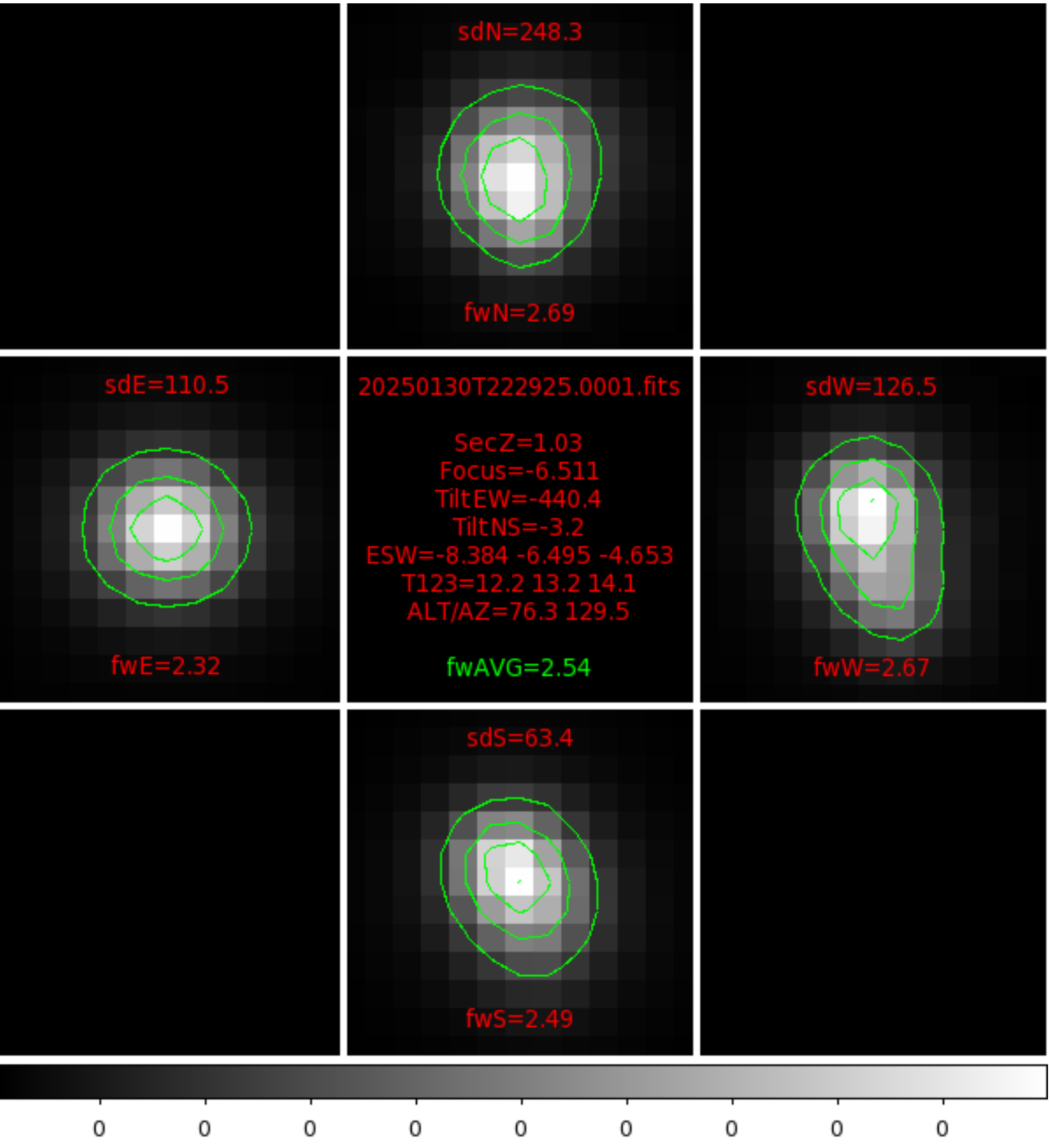
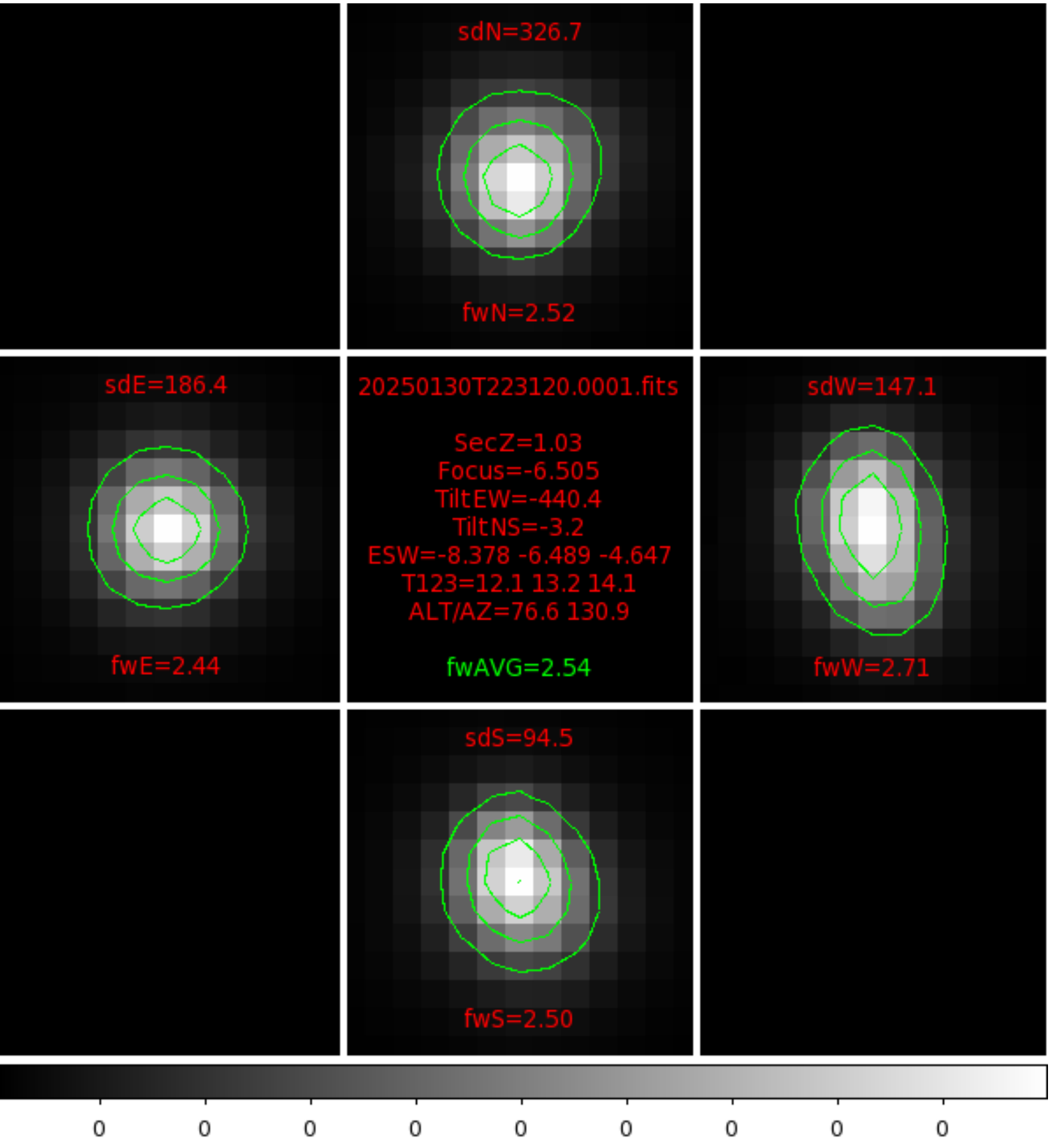
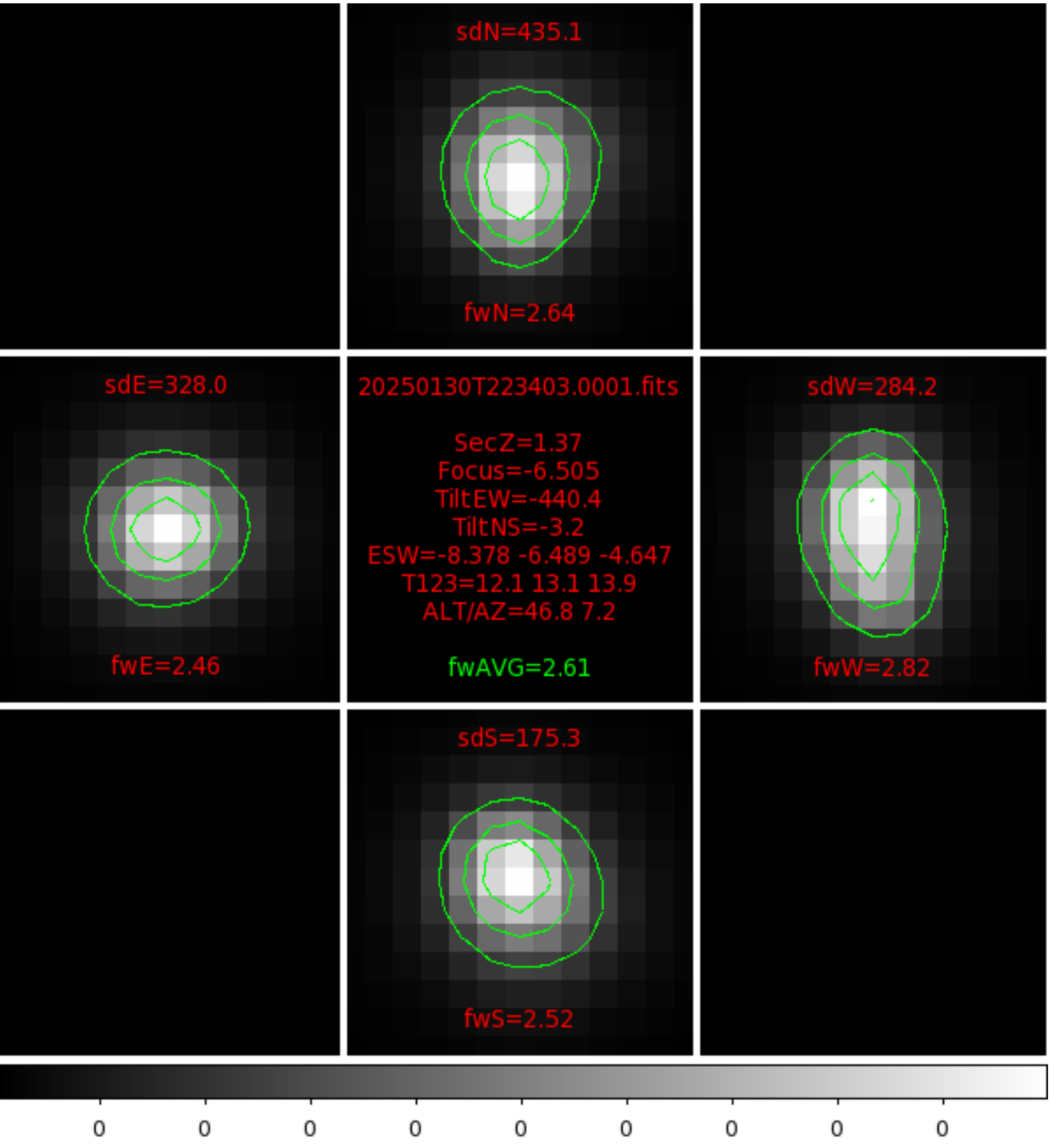
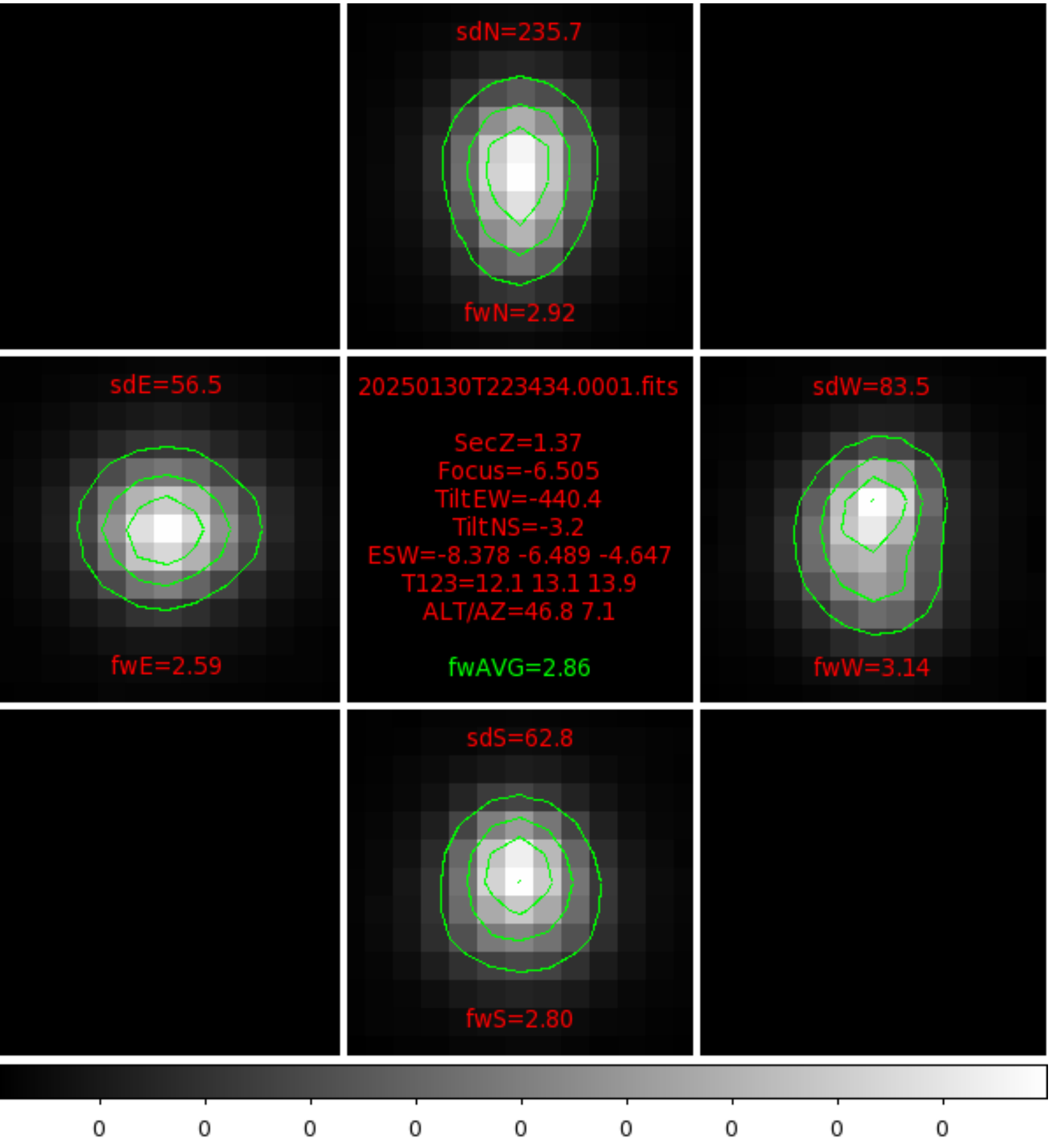

sdN=183.7
fwN=2.62
sdE=79.1
fwE=2.36
20250130T222854.0001.fits
SecZ=1.03
Focus=-6.511
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.384 -6.495 -4.653
T123=12.2 13.2 14.1
ALT/AZ=76.2 129.2
fwAVG=2.51
sdW=98.3
fwW=2.59
sdS=45.9
fwS=2.47
0 0 0 0 0 0 0 0 0


sdN=248.3
fwN=2.69
sdE=110.5
fwE=2.32
20250130T222925.0001.fits
SecZ=1.03
Focus=-6.511
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.384 -6.495 -4.653
T123=12.2 13.2 14.1
ALT/AZ=76.3 129.5
fwAVG=2.54
sdW=126.5
fwW=2.67
sdS=63.4
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=326.7
fwN=2.52
sdE=186.4
fwE=2.44
20250130T223120.0001.fits
SecZ=1.03
Focus=-6.505
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.378 -6.489 -4.647
T123=12.1 13.2 14.1
ALT/AZ=76.6 130.9
fwAVG=2.54
sdW=147.1
fwW=2.71
sdS=94.5
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=435.1
fwN=2.64
sdE=328.0
fwE=2.46
20250130T223403.0001.fits
SecZ=1.37
Focus=-6.505
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.378 -6.489 -4.647
T123=12.1 13.1 13.9
ALT/AZ=46.8 7.2
fwAVG=2.61
sdW=284.2
fwW=2.82
sdS=175.3
fwS=2.52
0 0 0 0 0 0 0 0 0


sdN=235.7
fwN=2.92
sdE=56.5
fwE=2.59
20250130T223434.0001.fits
SecZ=1.37
Focus=-6.505
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.378 -6.489 -4.647
T123=12.1 13.1 13.9
ALT/AZ=46.8 7.1
fwAVG=2.86
sdW=83.5
fwW=3.14
sdS=62.8
fwS=2.80
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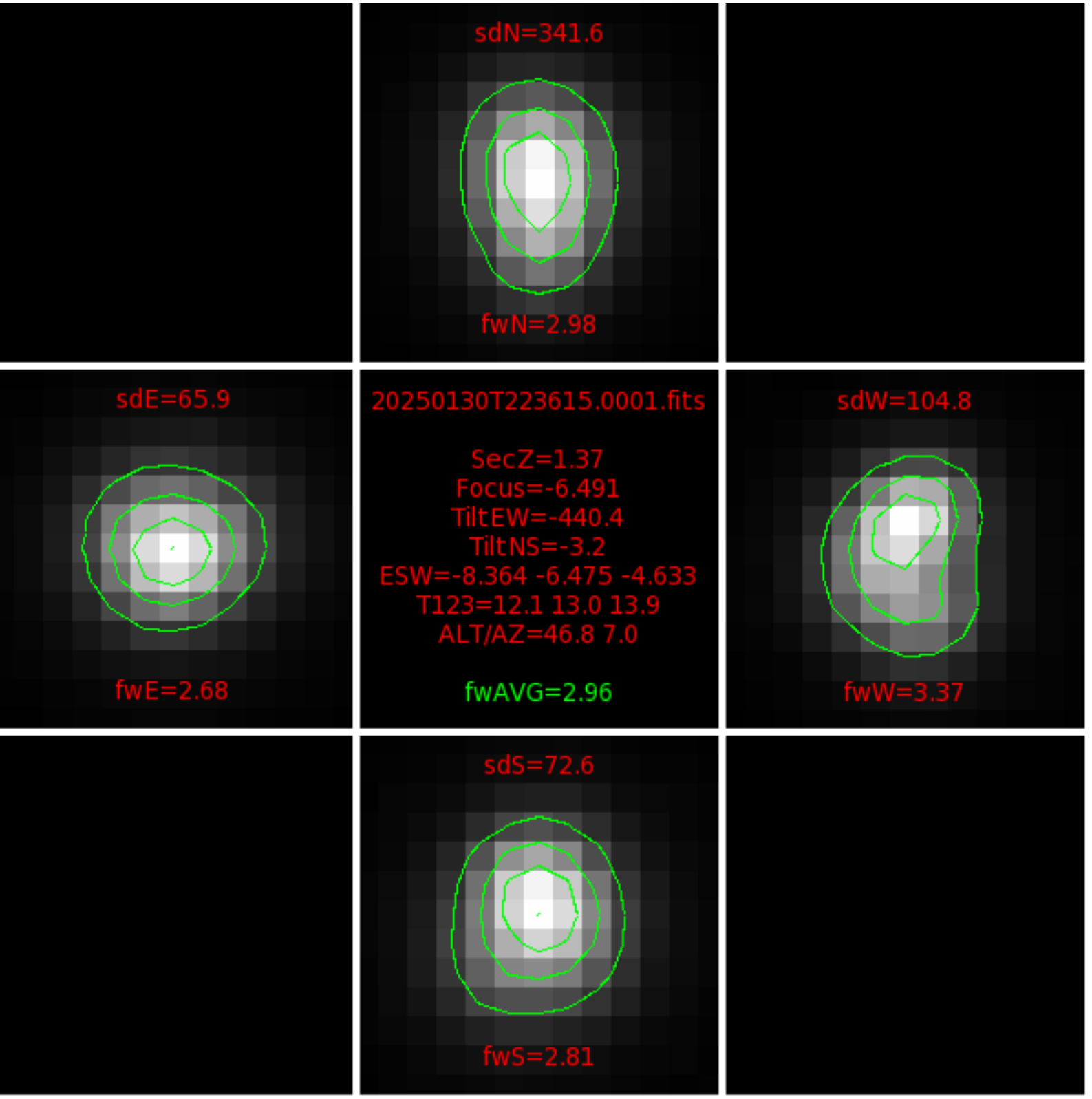
sdN=341.6
fwN=2.98
sdE=65.9
fwE=2.68
20250130T223615.0001.fits
SecZ=1.37
Focus=-6.491
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.364 -6.475 -4.633
T123=12.1 13.0 13.9
ALT/AZ=46.8 7.0
fwAVG=2.96
sdW=104.8
fwW=3.37
sdS=72.6
fwS=2.81
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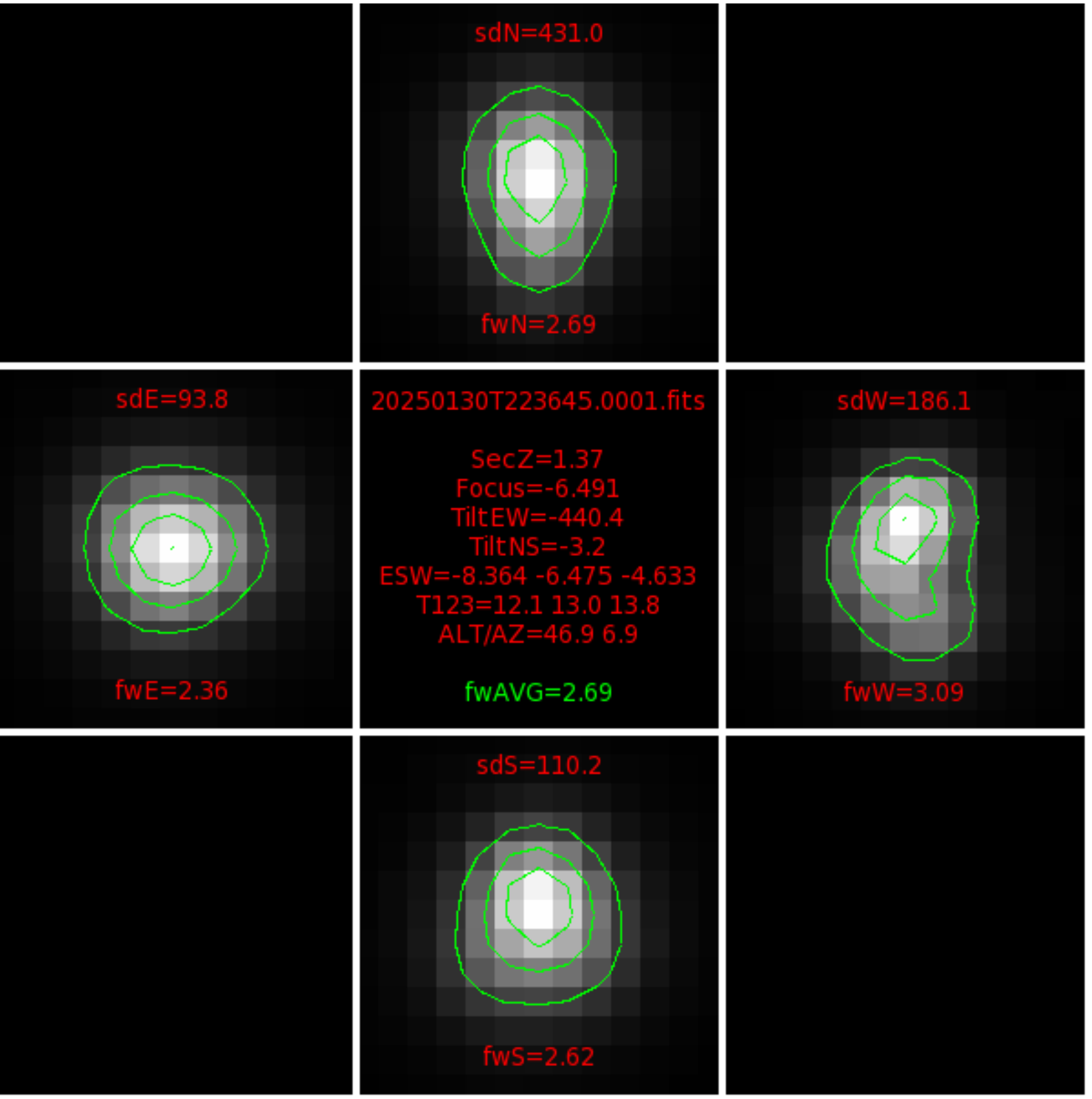
sdN=431.0
fwN=2.69
sdE=93.8
fwE=2.36
20250130T223645.0001.fits
SecZ=1.37
Focus=-6.491
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.364 -6.475 -4.633
T123=12.1 13.0 13.8
ALT/AZ=46.9 6.9
fwAVG=2.69
sdW=186.1
fwW=3.09
sdS=110.2
fwS=2.62
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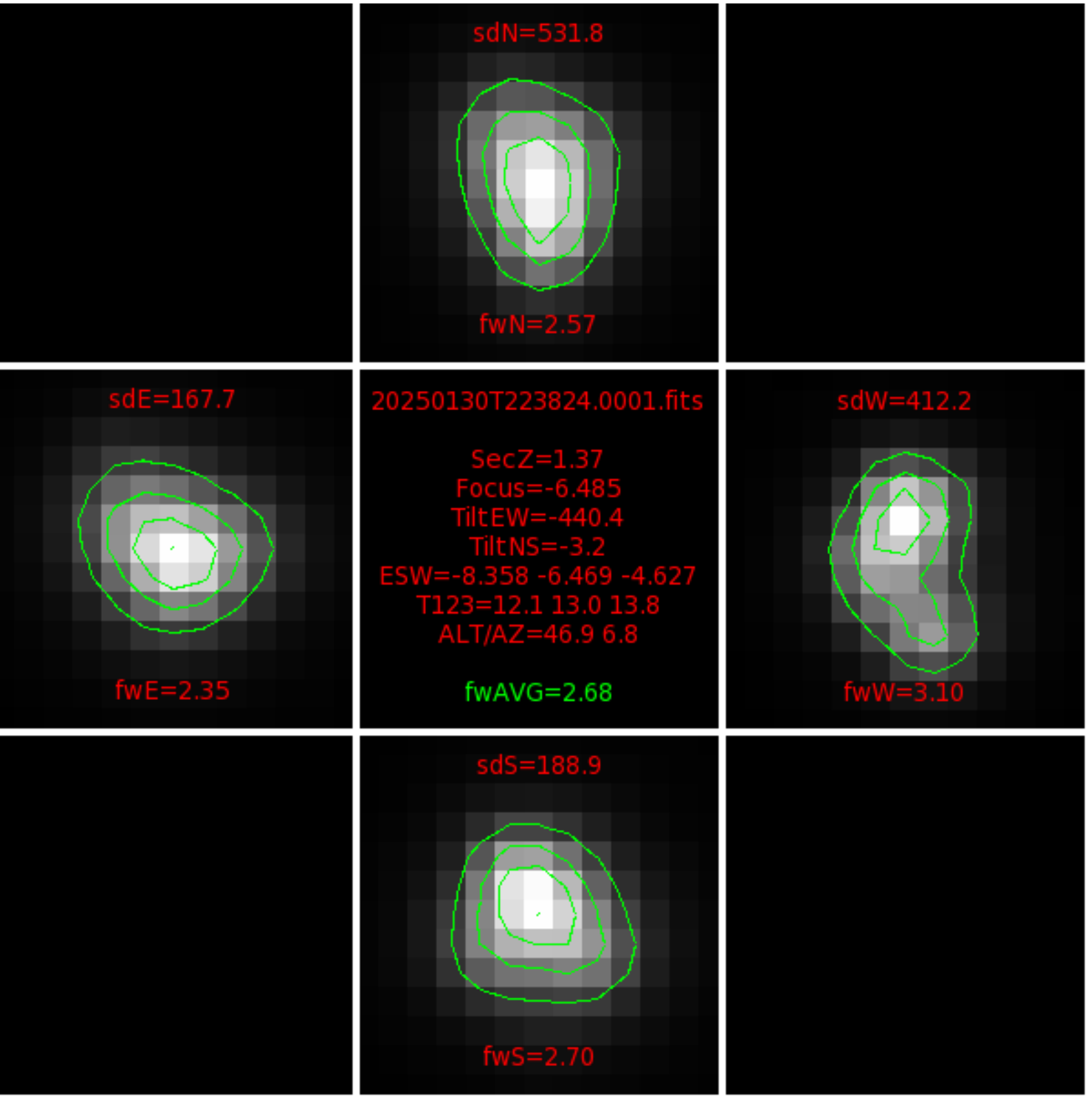
sdN=531.8
fwN=2.57
sdE=167.7
fwE=2.35
20250130T223824.0001.fits
SecZ=1.37
Focus=-6.485
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.358 -6.469 -4.627
T123=12.1 13.0 13.8
ALT/AZ=46.9 6.8
fwAVG=2.68
sdW=412.2
fwW=3.10
sdS=188.9
fwS=2.70
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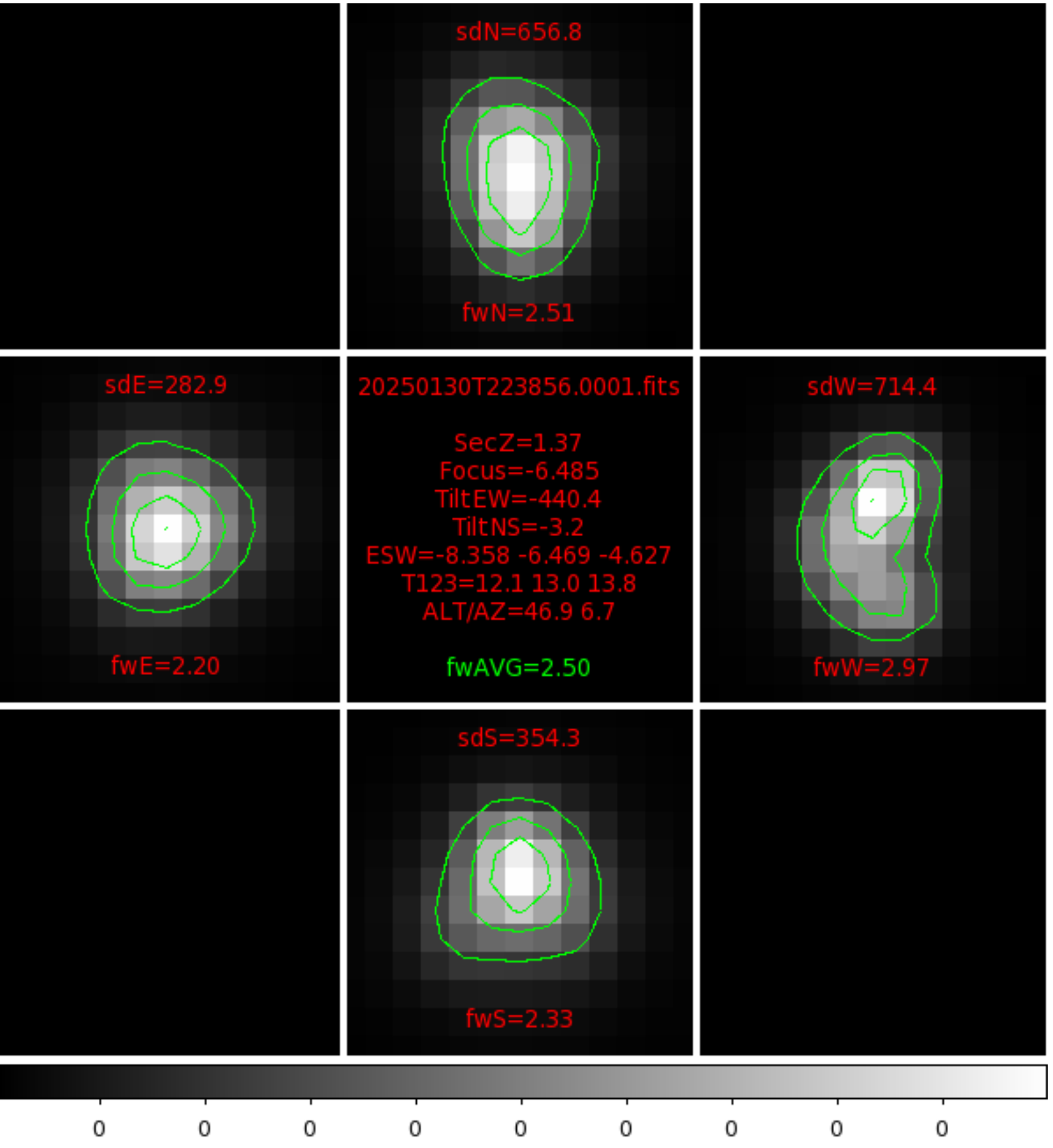
sdN=656.8
fwN=2.51
sdE=282.9
fwE=2.20
20250130T223856.0001.fits
SecZ=1.37
Focus=-6.485
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.358 -6.469 -4.627
T123=12.1 13.0 13.8
ALT/AZ=46.9 6.7
fwAVG=2.50
sdW=714.4
fwW=2.97
sdS=354.3
fwS=2.33
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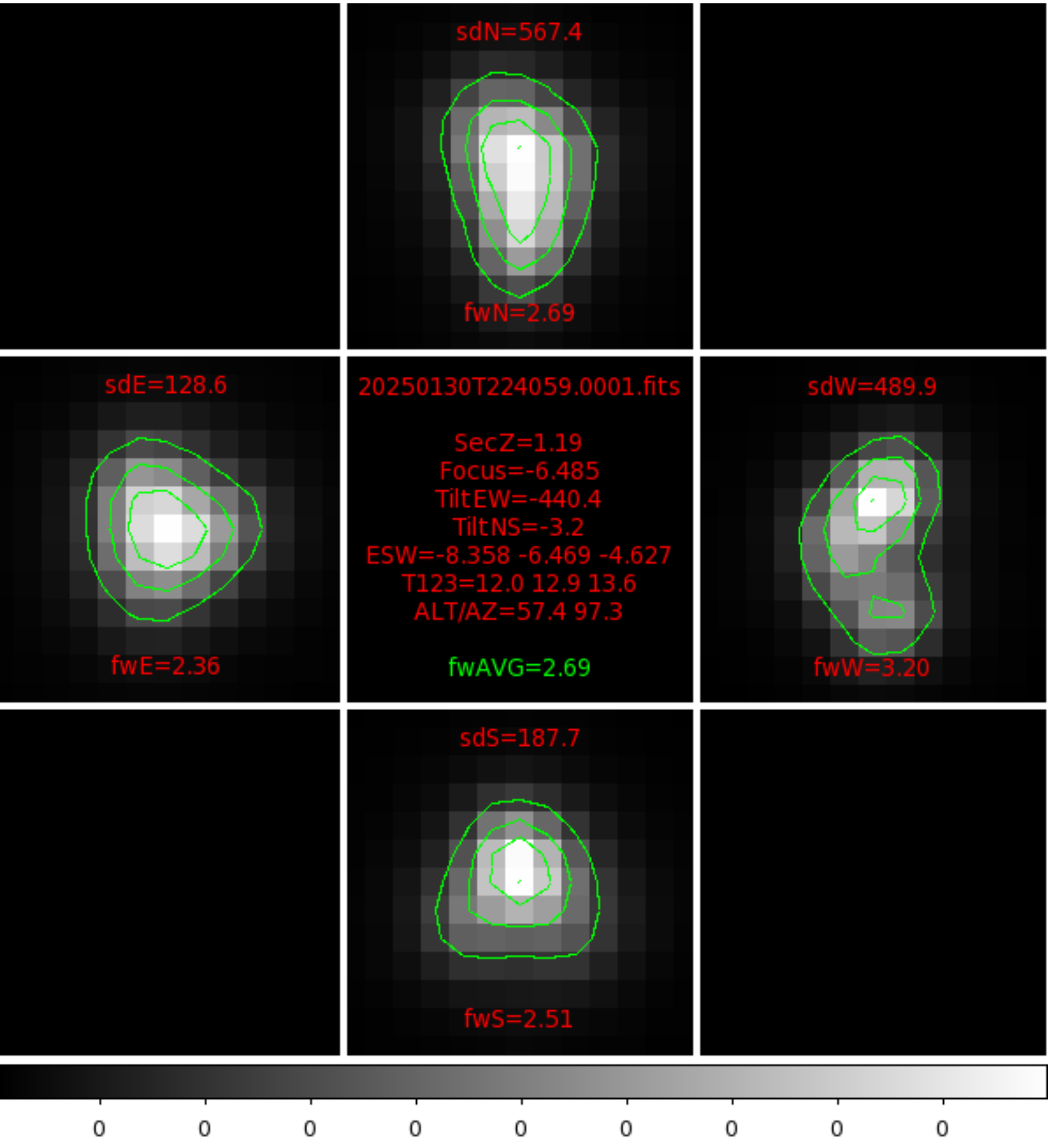
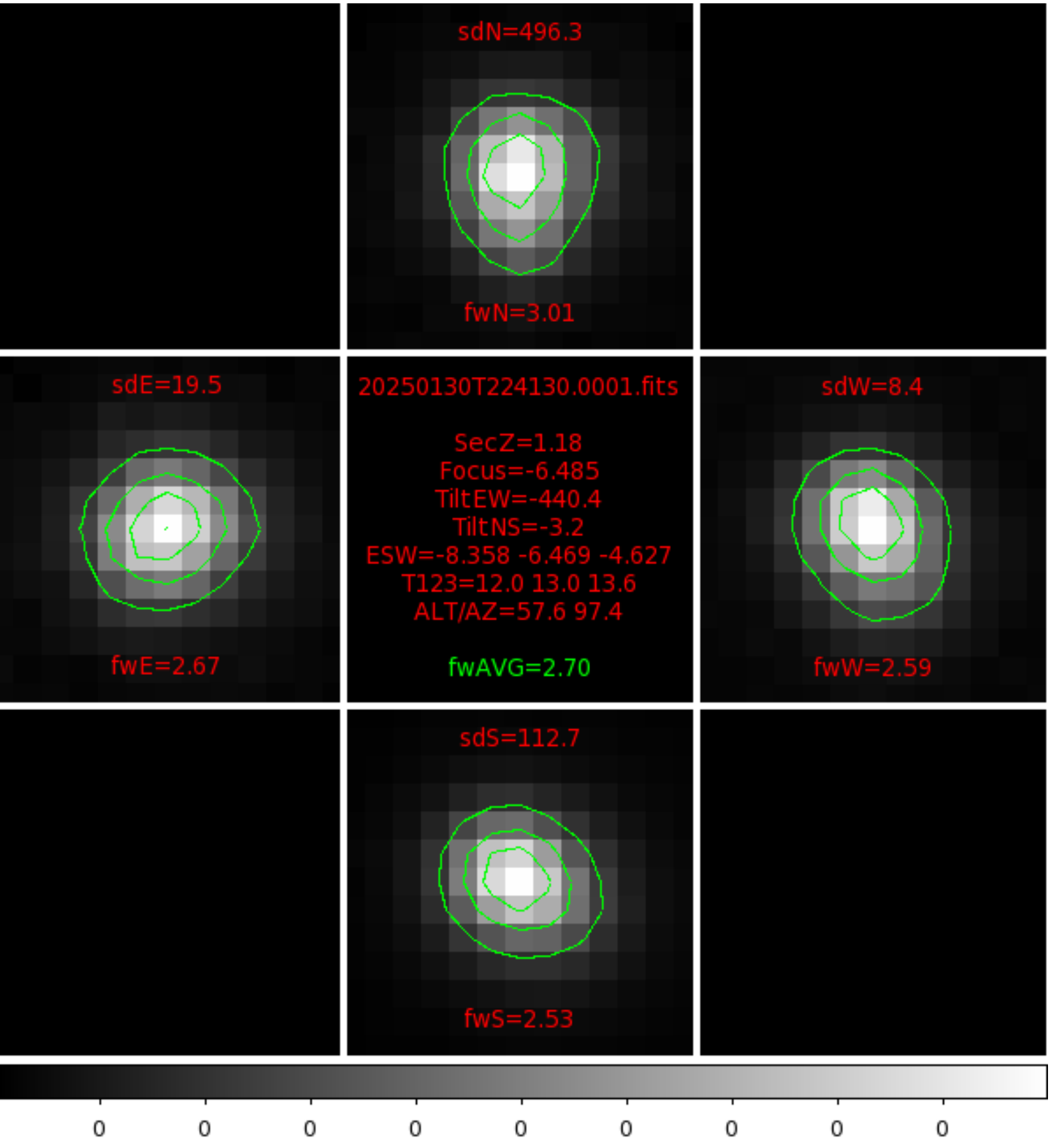
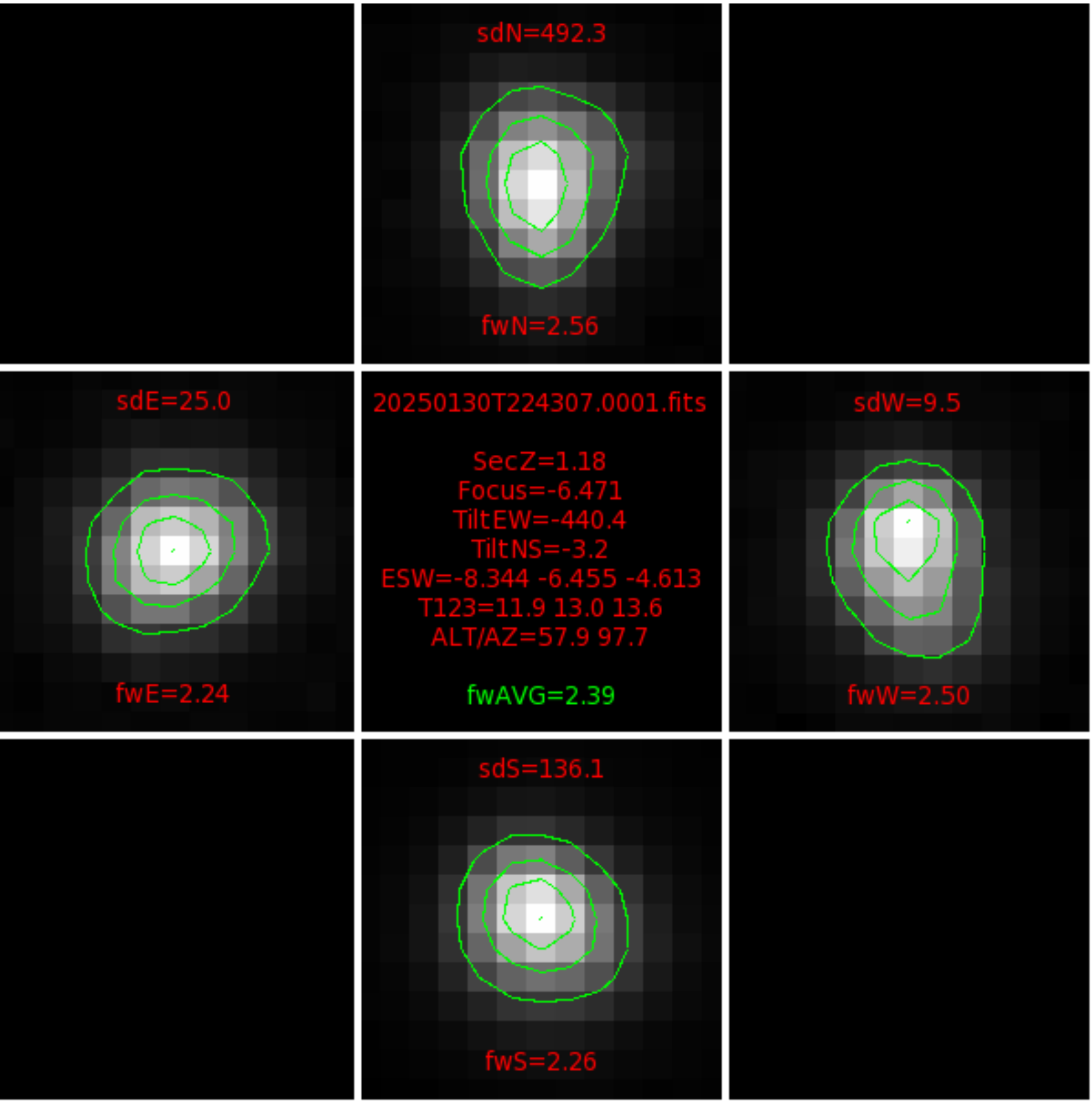

sdN=567.4
fwN=2.69
sdE=128.6
fwE=2.36
20250130T224059.0001.fits
SecZ=1.19
Focus=-6.485
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.358 -6.469 -4.627
T123=12.0 12.9 13.6
ALT/AZ=57.4 97.3
fwAVG=2.69
sdW=489.9
fwW=3.20
sdS=187.7
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=496.3
fwN=3.01
sdE=19.5
fwE=2.67
20250130T224130.0001.fits
SecZ=1.18
Focus=-6.485
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.358 -6.469 -4.627
T123=12.0 13.0 13.6
ALT/AZ=57.6 97.4
fwAVG=2.70
sdW=8.4
fwW=2.59
sdS=112.7
fwS=2.53
0 0 0 0 0 0 0 0 0


sdN=492.3
fwN=2.56
sdE=25.0
fwE=2.24
20250130T224307.0001.fits
SecZ=1.18
Focus=-6.471
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.344 -6.455 -4.613
T123=11.9 13.0 13.6
ALT/AZ=57.9 97.7
fwAVG=2.39
sdW=9.5
fwW=2.50
sdS=136.1
fwS=2.26
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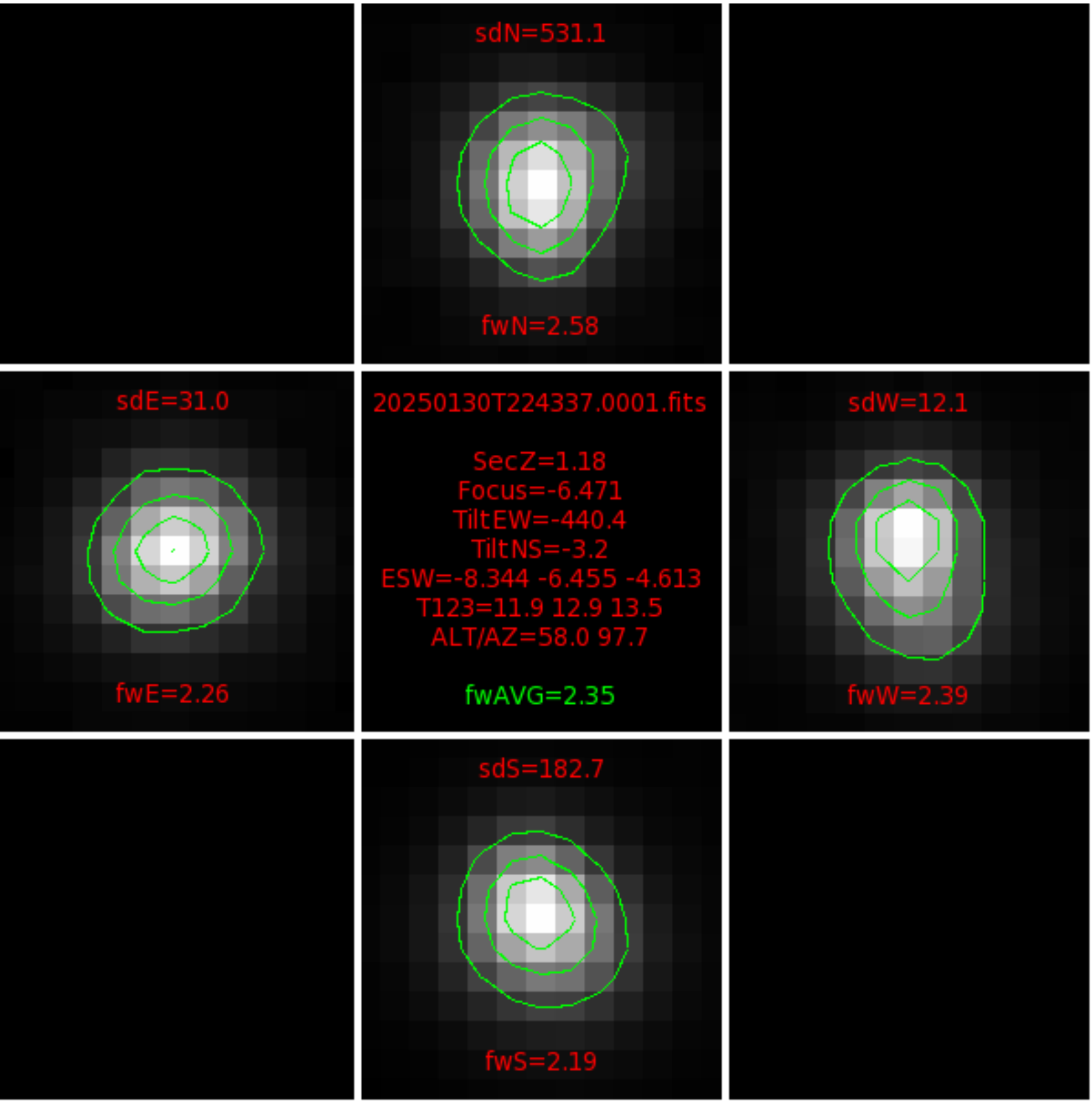
sdN=531.1
fwN=2.58
sdE=31.0
fwE=2.26
20250130T224337.0001.fits
SecZ=1.18
Focus=-6.471
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.344 -6.455 -4.613
T123=11.9 12.9 13.5
ALT/AZ=58.0 97.7
fwAVG=2.35
sdW=12.1
fwW=2.39
sdS=182.7
fwS=2.19
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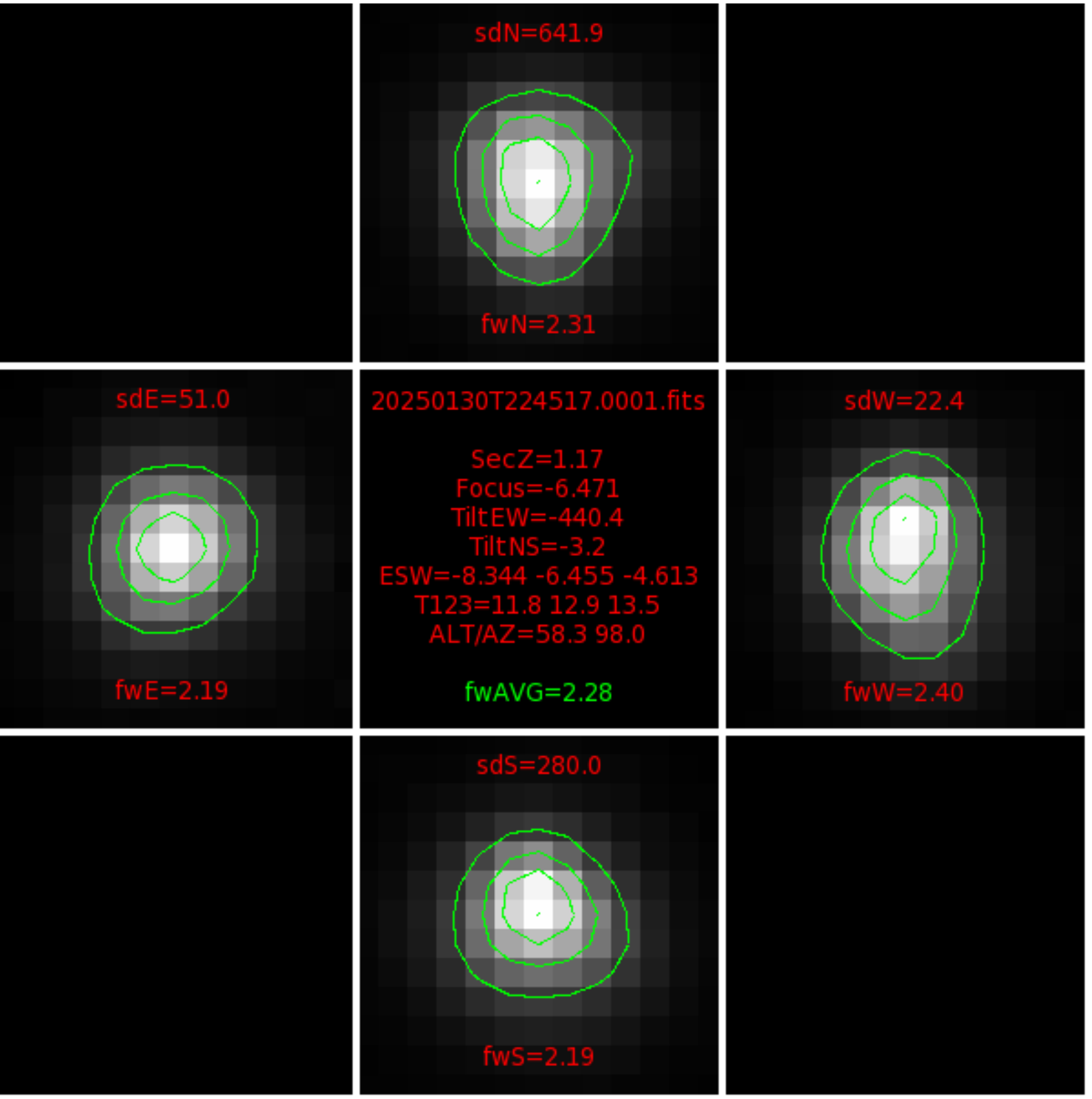
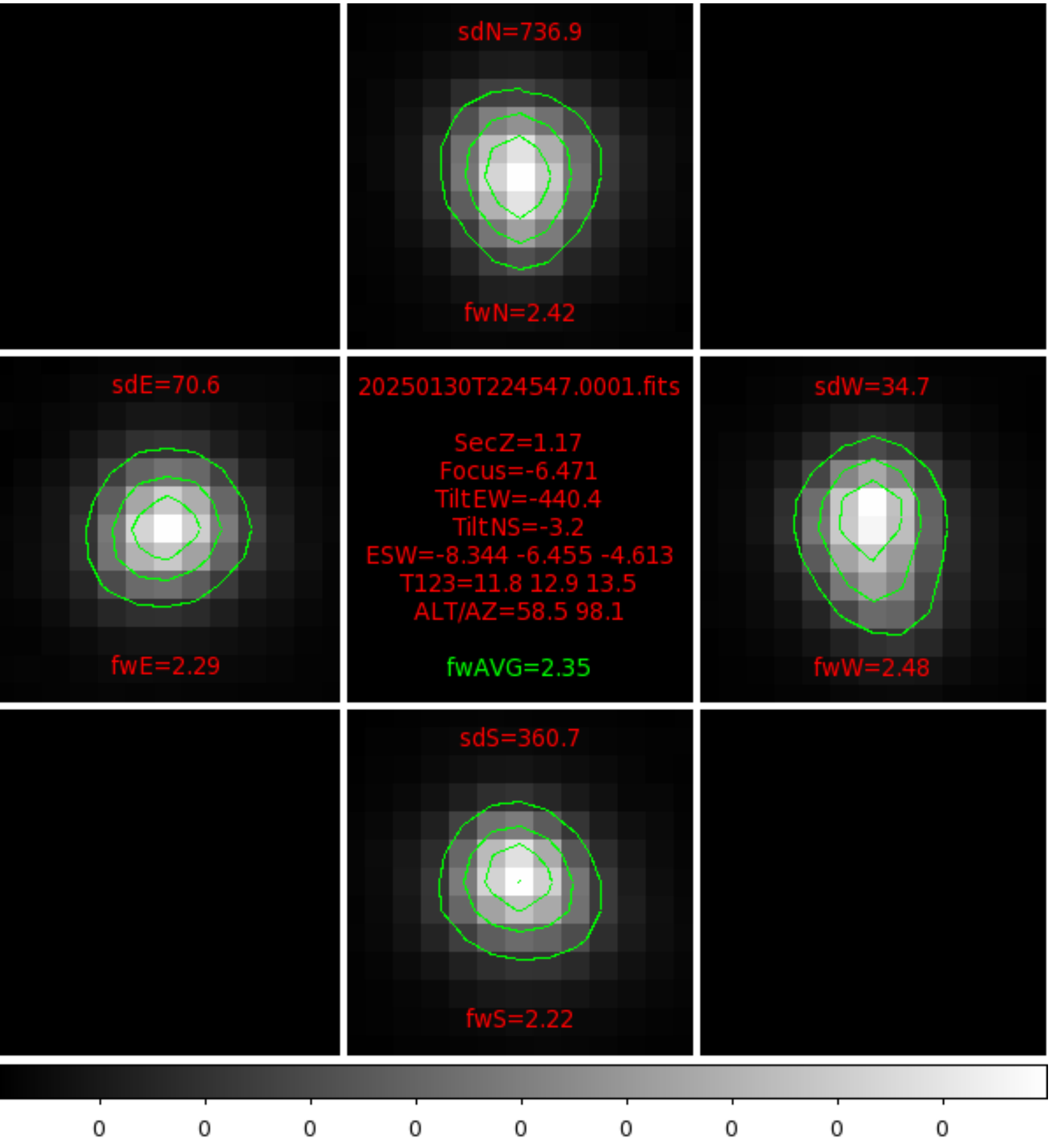

sdN=641.9
fwN=2.31
sdE=51.0
fwE=2.19
20250130T224517.0001.fits
SecZ=1.17
Focus=-6.471
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.344 -6.455 -4.613
T123=11.8 12.9 13.5
ALT/AZ=58.3 98.0
fwAVG=2.28
sdW=22.4
fwW=2.40
sdS=280.0
fwS=2.19
0 0 0 0 0 0 0 0 0


sdN=736.9
fwN=2.42
sdE=70.6
fwE=2.29
20250130T224547.0001.fits
SecZ=1.17
Focus=-6.471
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.344 -6.455 -4.613
T123=11.8 12.9 13.5
ALT/AZ=58.5 98.1
fwAVG=2.35
sdW=34.7
fwW=2.48
sdS=360.7
fwS=2.22
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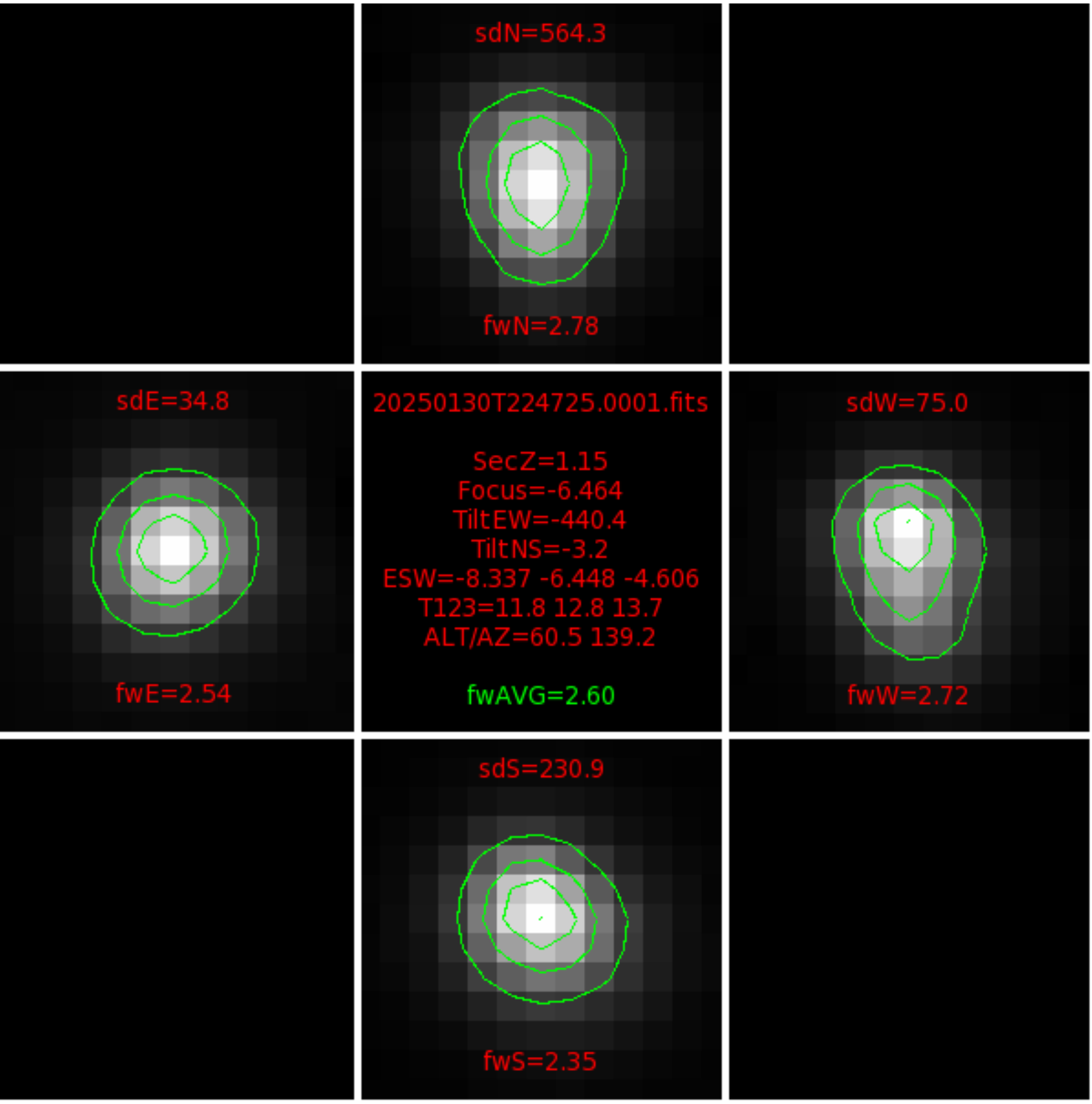
sdN=564.3
fwN=2.78
sdE=34.8
fwE=2.54
20250130T224725.0001.fits
SecZ=1.15
Focus=-6.464
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.337 -6.448 -4.606
T123=11.8 12.8 13.7
ALT/AZ=60.5 139.2
fwAVG=2.60
sdW=75.0
fwW=2.72
sdS=230.9
fwS=2.35
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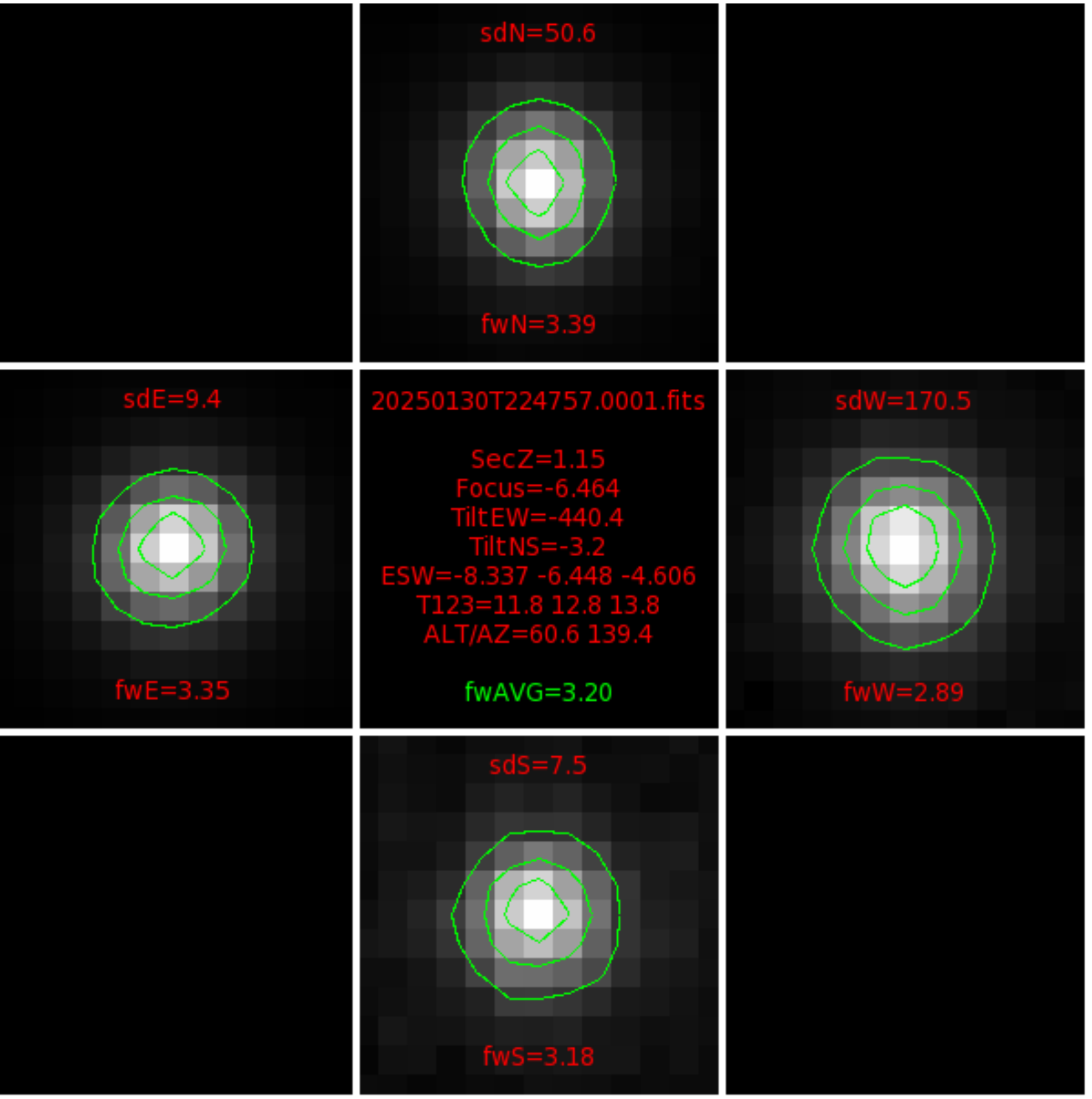
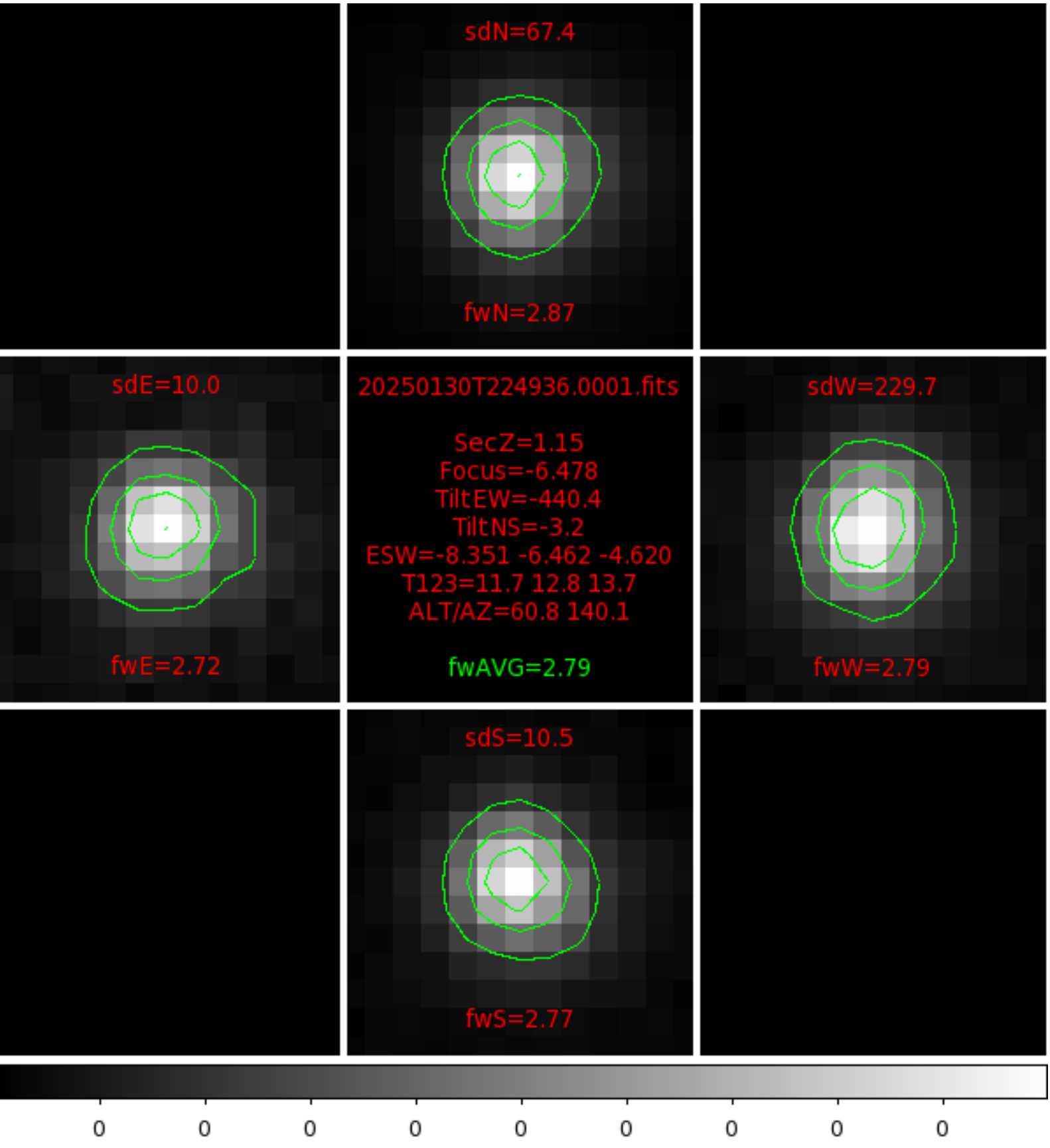
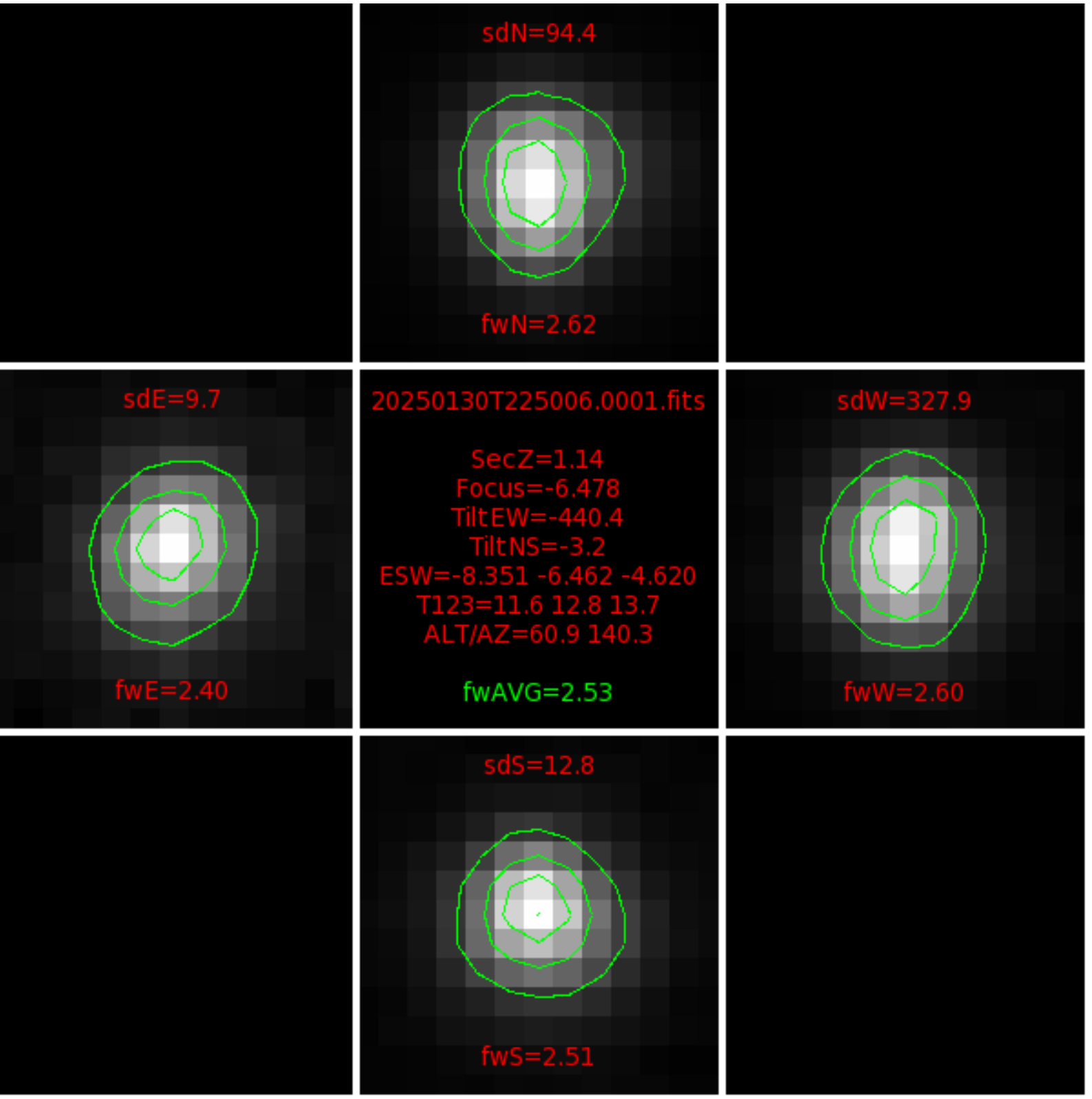

sdN=50.6
fwN=3.39
sdE=9.4
fwE=3.35
20250130T224757.0001.fits
SecZ=1.15
Focus=-6.464
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.337 -6.448 -4.606
T123=11.8 12.8 13.8
ALT/AZ=60.6 139.4
fwAVG=3.20
sdW=170.5
fwW=2.89
sdS=7.5
fwS=3.18
0 0 0 0 0 0 0 0 0


sdN=67.4
fwN=2.87
sdE=10.0
fwE=2.72
20250130T224936.0001.fits
SecZ=1.15
Focus=-6.478
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.351 -6.462 -4.620
T123=11.7 12.8 13.7
ALT/AZ=60.8 140.1
fwAVG=2.79
sdW=229.7
fwW=2.79
sdS=10.5
fwS=2.77
0 0 0 0 0 0 0 0 0


sdN=94.4
fwN=2.62
sdE=9.7
fwE=2.40
20250130T225006.0001.fits
SecZ=1.14
Focus=-6.478
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.351 -6.462 -4.620
T123=11.6 12.8 13.7
ALT/AZ=60.9 140.3
fwAVG=2.53
sdW=327.9
fwW=2.60
sdS=12.8
fwS=2.51
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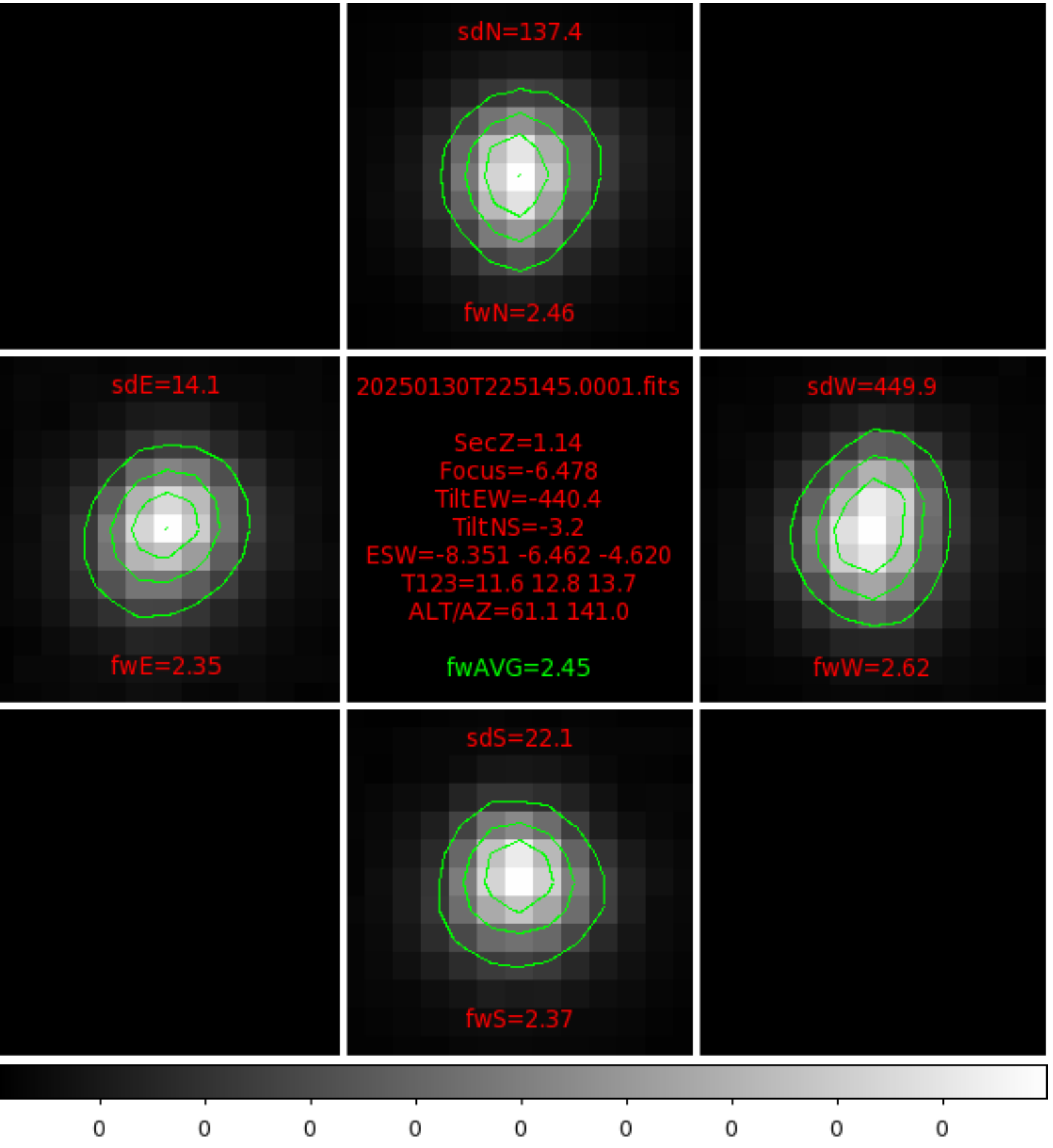
sdN=137.4
fwN=2.46
sdE=14.1
fwE=2.35
20250130T225145.0001.fits
SecZ=1.14
Focus=-6.478
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.351 -6.462 -4.620
T123=11.6 12.8 13.7
ALT/AZ=61.1 141.0
fwAVG=2.45
sdW=449.9
fwW=2.62
sdS=22.1
fwS=2.37
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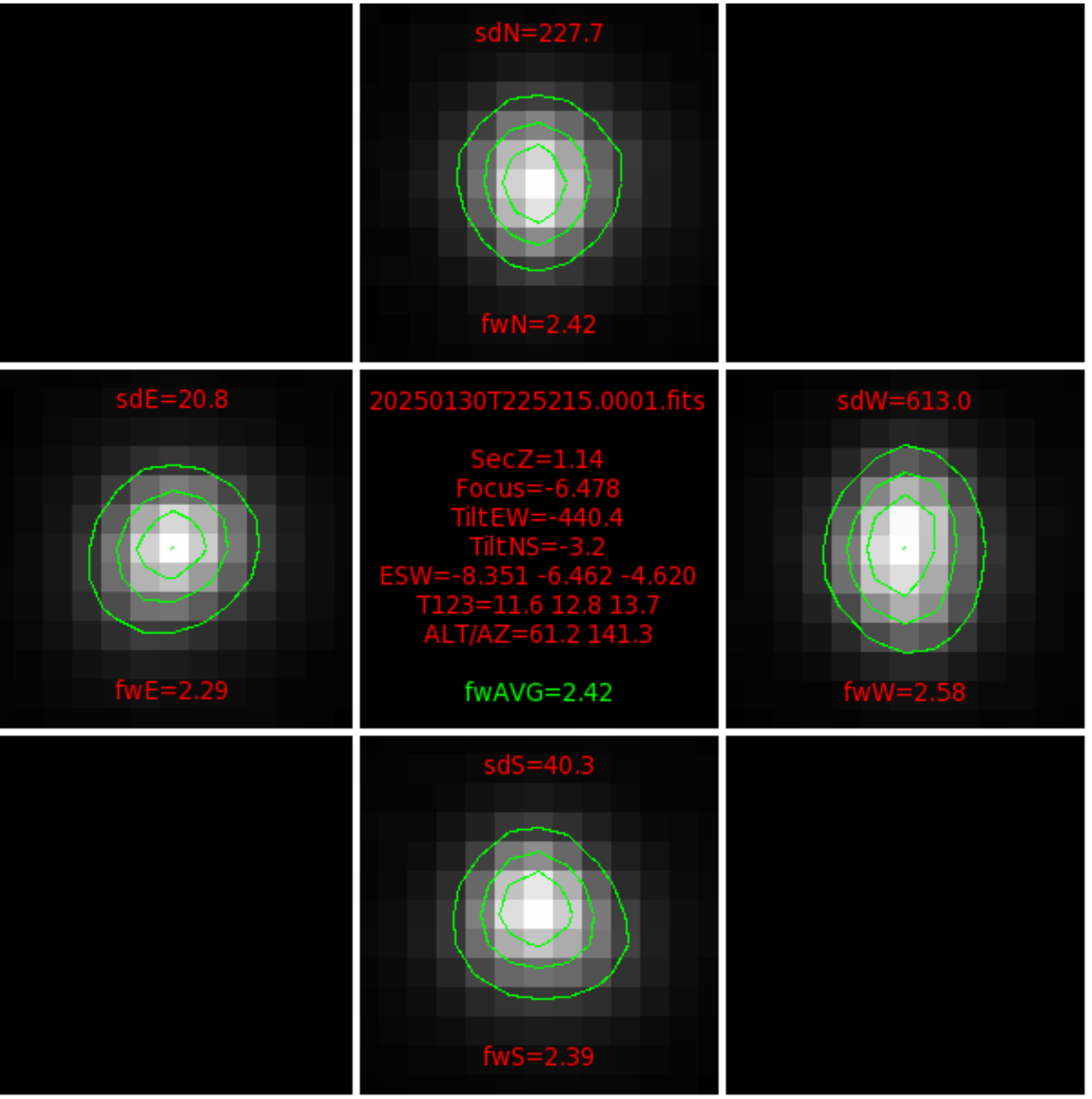
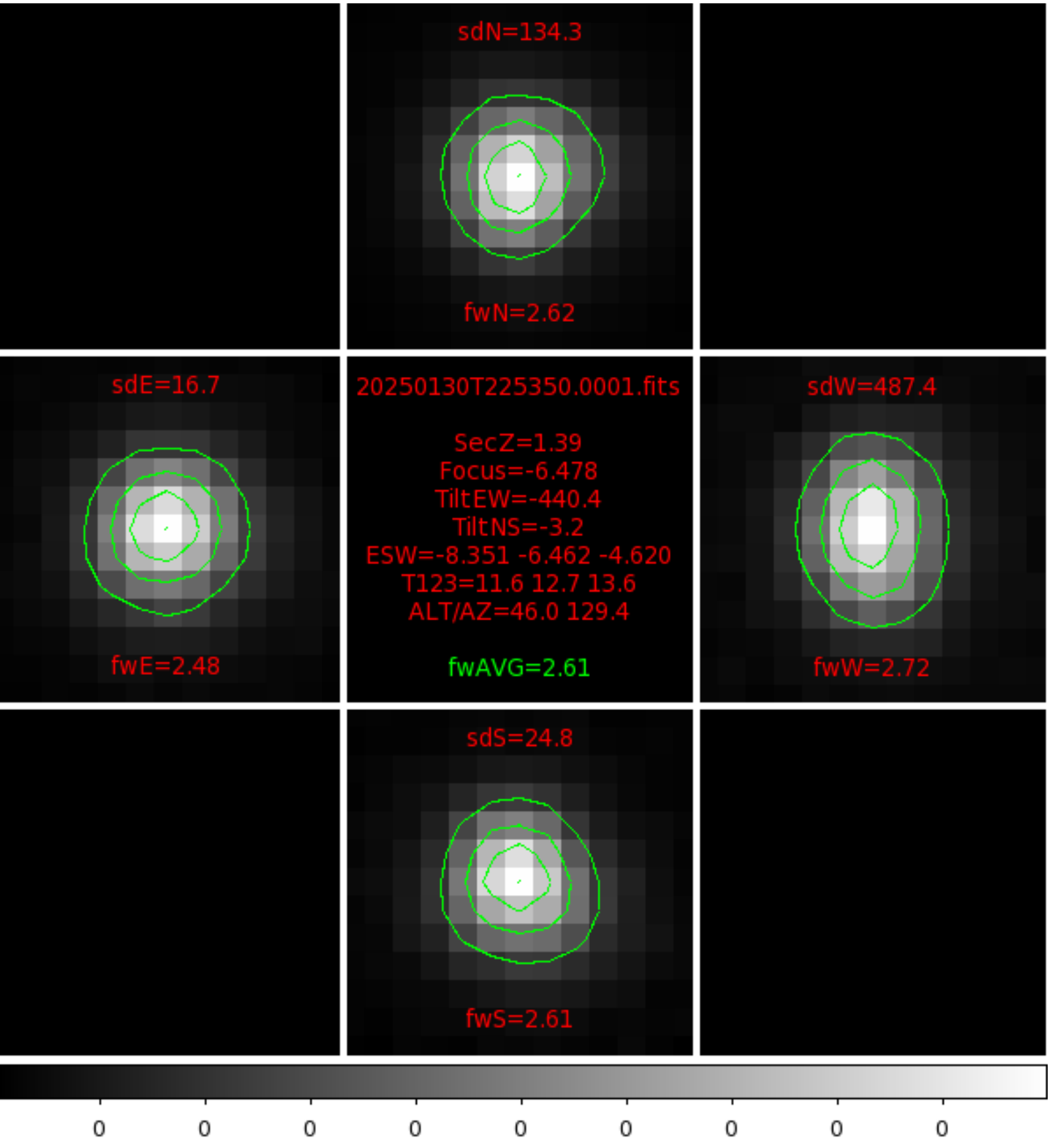

sdN=227.7
fwN=2.42
sdE=20.8
fwE=2.29
20250130T225215.0001.fits
SecZ=1.14
Focus=-6.478
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.351 -6.462 -4.620
T123=11.6 12.8 13.7
ALT/AZ=61.2 141.3
fwAVG=2.42
sdW=613.0
fwW=2.58
sdS=40.3
fwS=2.39
0 0 0 0 0 0 0 0 0


sdN=134.3
fwN=2.62
sdE=16.7
fwE=2.48
20250130T225350.0001.fits
SecZ=1.39
Focus=-6.478
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.351 -6.462 -4.620
T123=11.6 12.7 13.6
ALT/AZ=46.0 129.4
fwAVG=2.61
sdW=487.4
fwW=2.72
sdS=24.8
fwS=2.61
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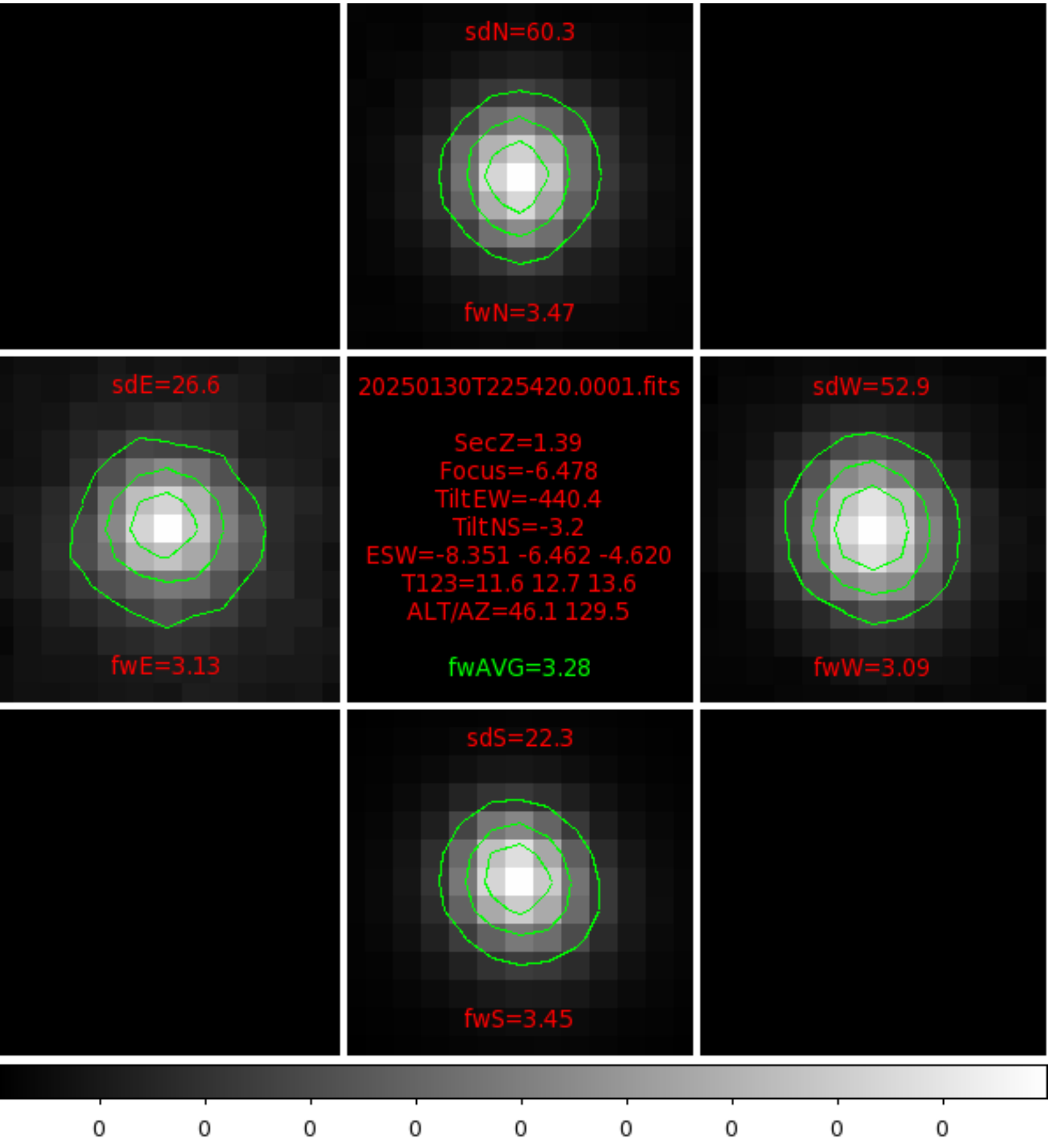
sdN=60.3
fwN=3.47
sdE=26.6
fwE=3.13
20250130T225420.0001.fits
SecZ=1.39
Focus=-6.478
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.351 -6.462 -4.620
T123=11.6 12.7 13.6
ALT/AZ=46.1 129.5
fwAVG=3.28
sdW=52.9
fwW=3.09
sdS=22.3
fwS=3.45
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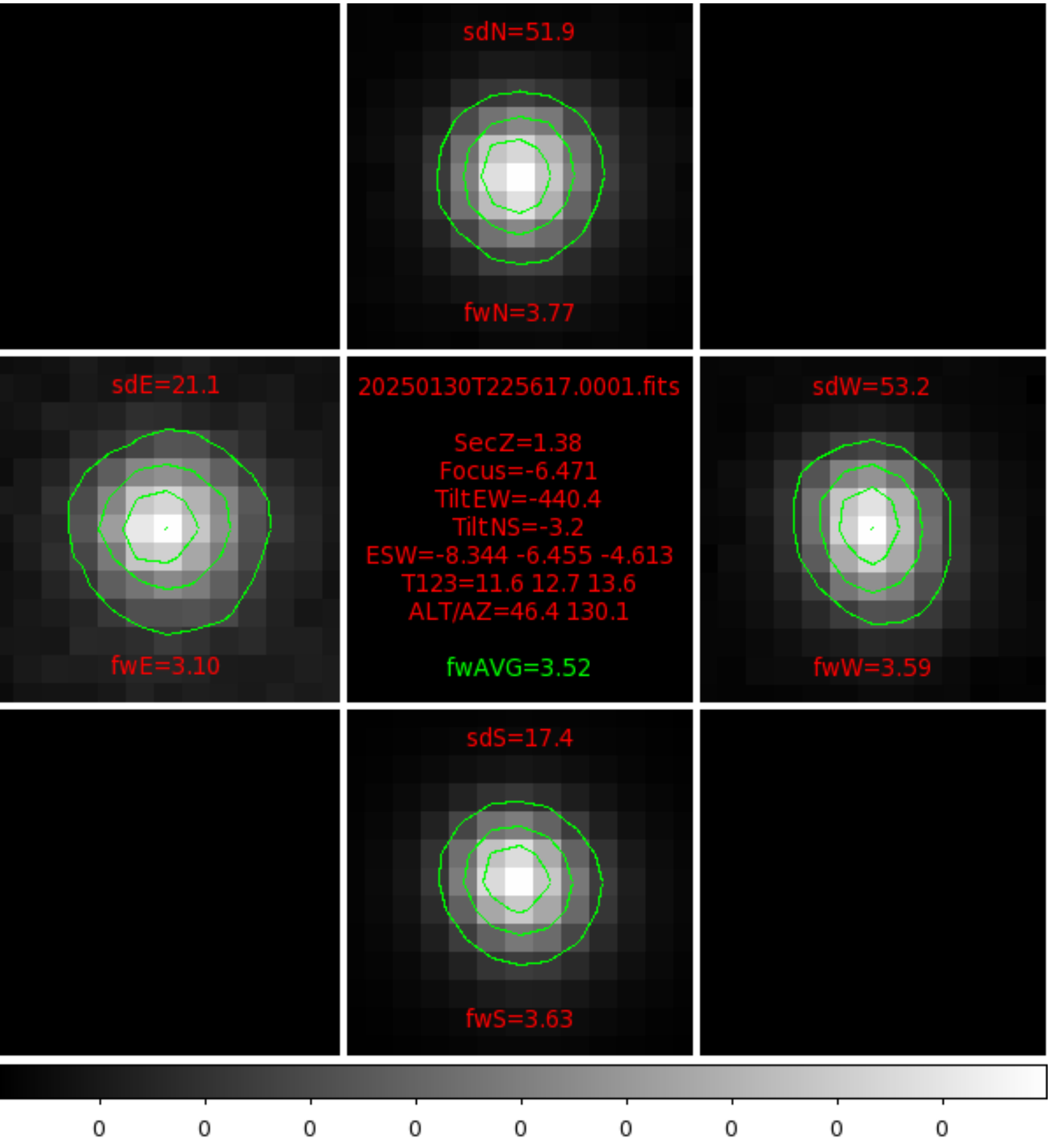
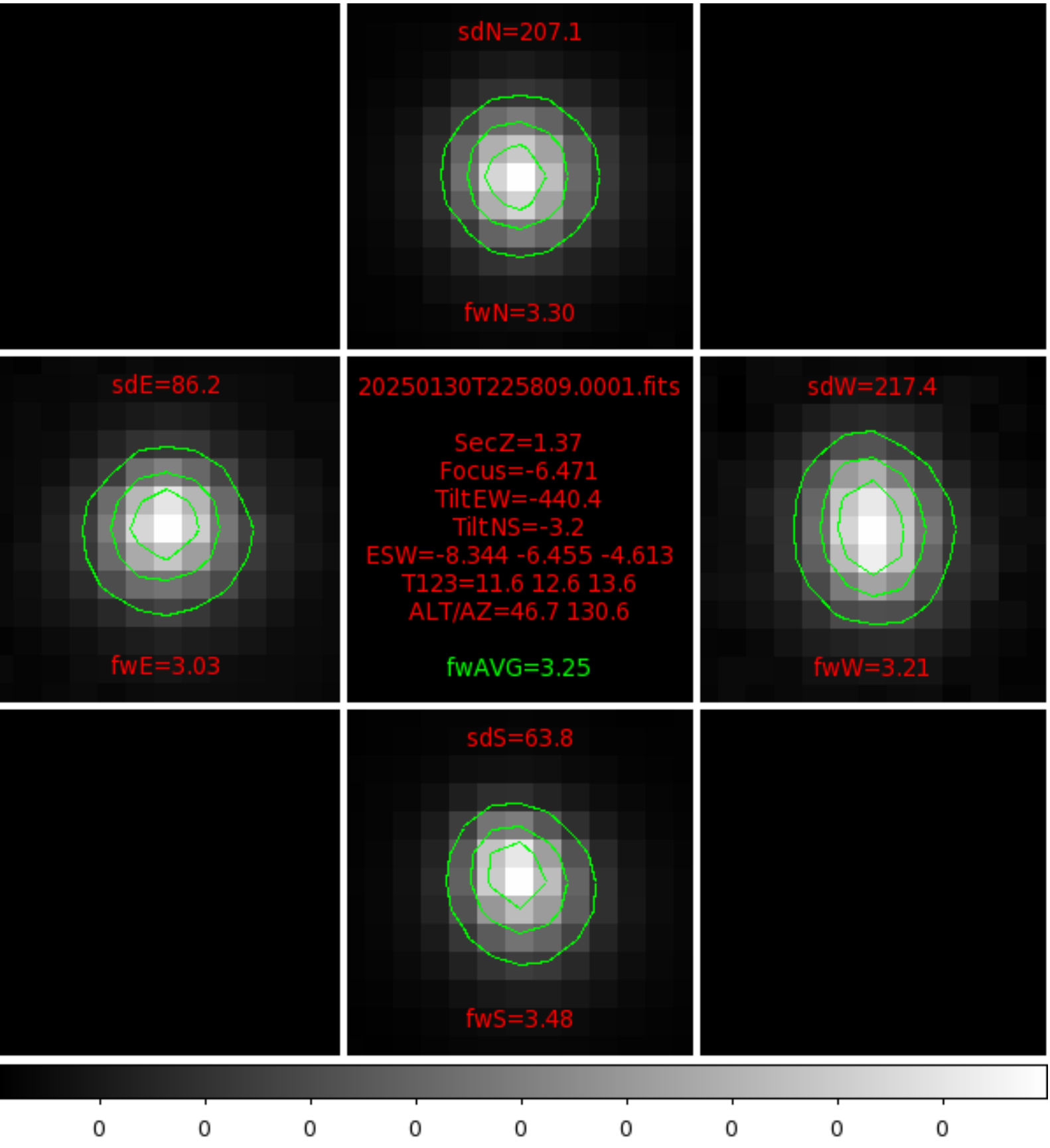

sdN=51.9
fwN=3.77
sdE=21.1
fwE=3.10
20250130T225617.0001.fits
SecZ=1.38
Focus=-6.471
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.344 -6.455 -4.613
T123=11.6 12.7 13.6
ALT/AZ=46.4 130.1
fwAVG=3.52
sdW=53.2
fwW=3.59
sdS=17.4
fwS=3.63
0 0 0 0 0 0 0 0 0


sdN=207.1
fwN=3.30
sdE=86.2
fwE=3.03
20250130T225809.0001.fits
SecZ=1.37
Focus=-6.471
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.344 -6.455 -4.613
T123=11.6 12.6 13.6
ALT/AZ=46.7 130.6
fwAVG=3.25
sdW=217.4
fwW=3.21
sdS=63.8
fwS=3.48
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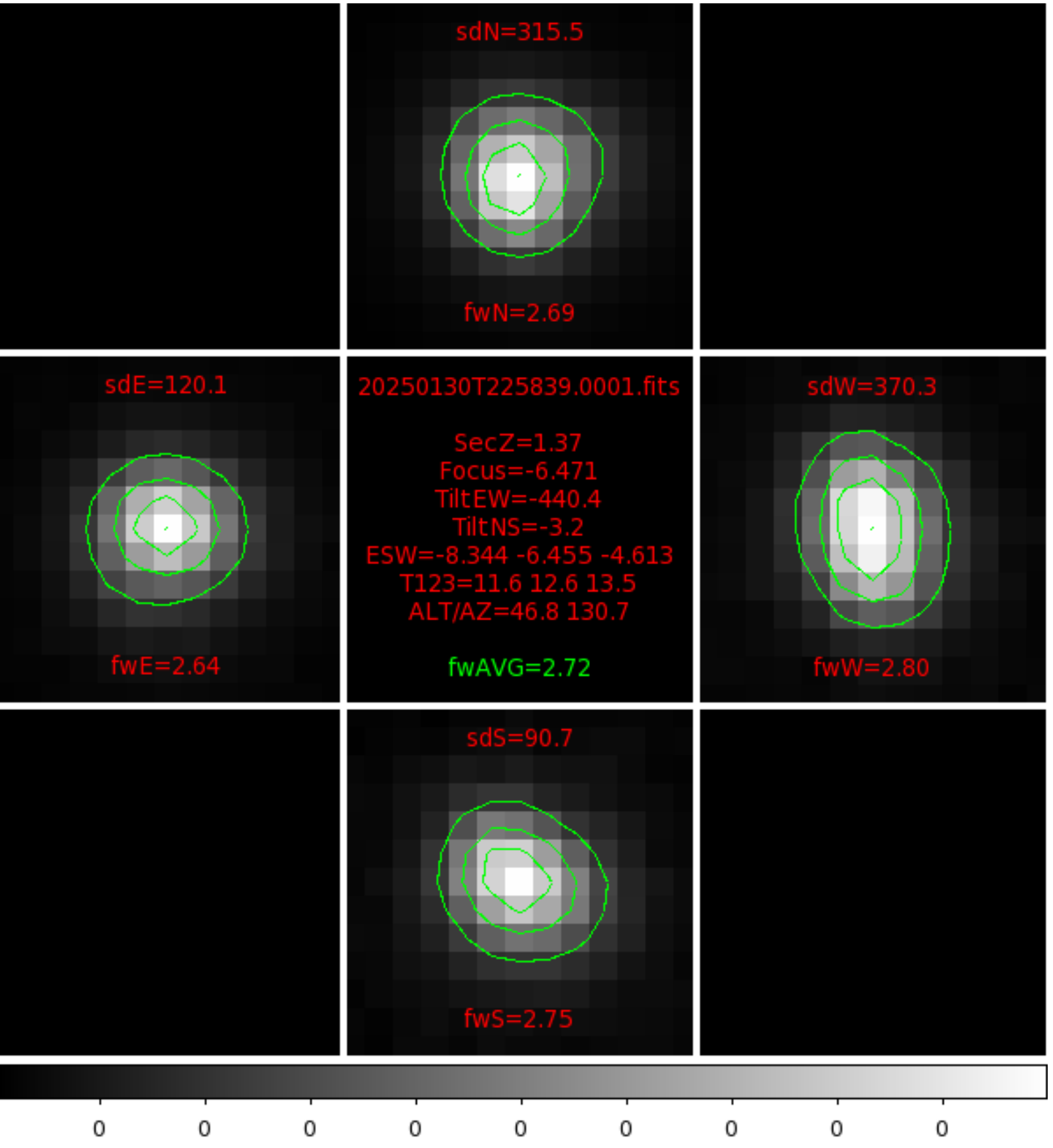
sdN=315.5
fwN=2.69
sdE=120.1
fwE=2.64
20250130T225839.0001.fits
SecZ=1.37
Focus=-6.471
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.344 -6.455 -4.613
T123=11.6 12.6 13.5
ALT/AZ=46.8 130.7
fwAVG=2.72
sdW=370.3
fwW=2.80
sdS=90.7
fwS=2.75
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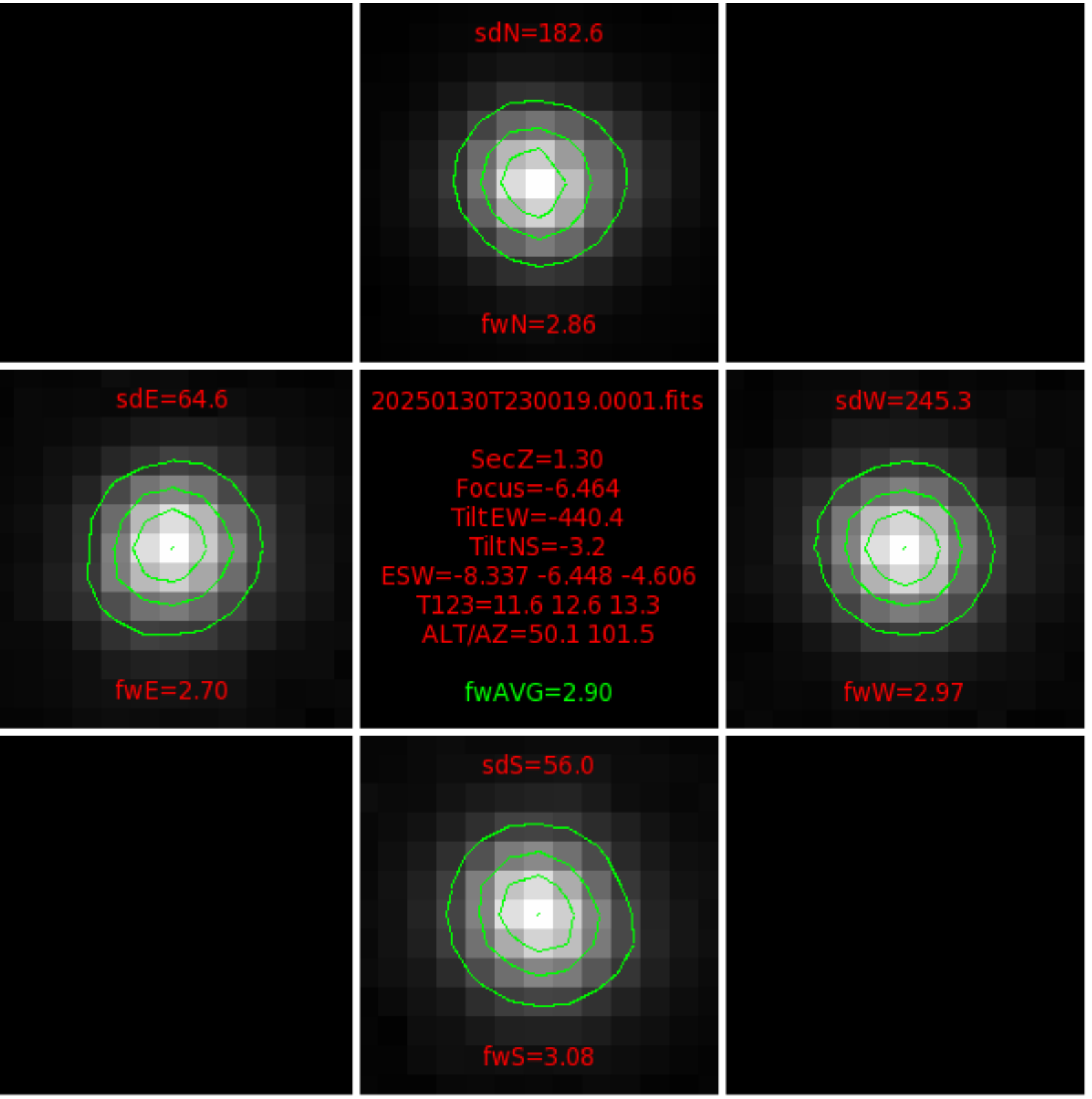
sdN=182.6
fwN=2.86
sdE=64.6
fwE=2.70
20250130T230019.0001.fits
SecZ=1.30
Focus=-6.464
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.337 -6.448 -4.606
T123=11.6 12.6 13.3
ALT/AZ=50.1 101.5
fwAVG=2.90
sdW=245.3
fwW=2.97
sdS=56.0
fwS=3.08
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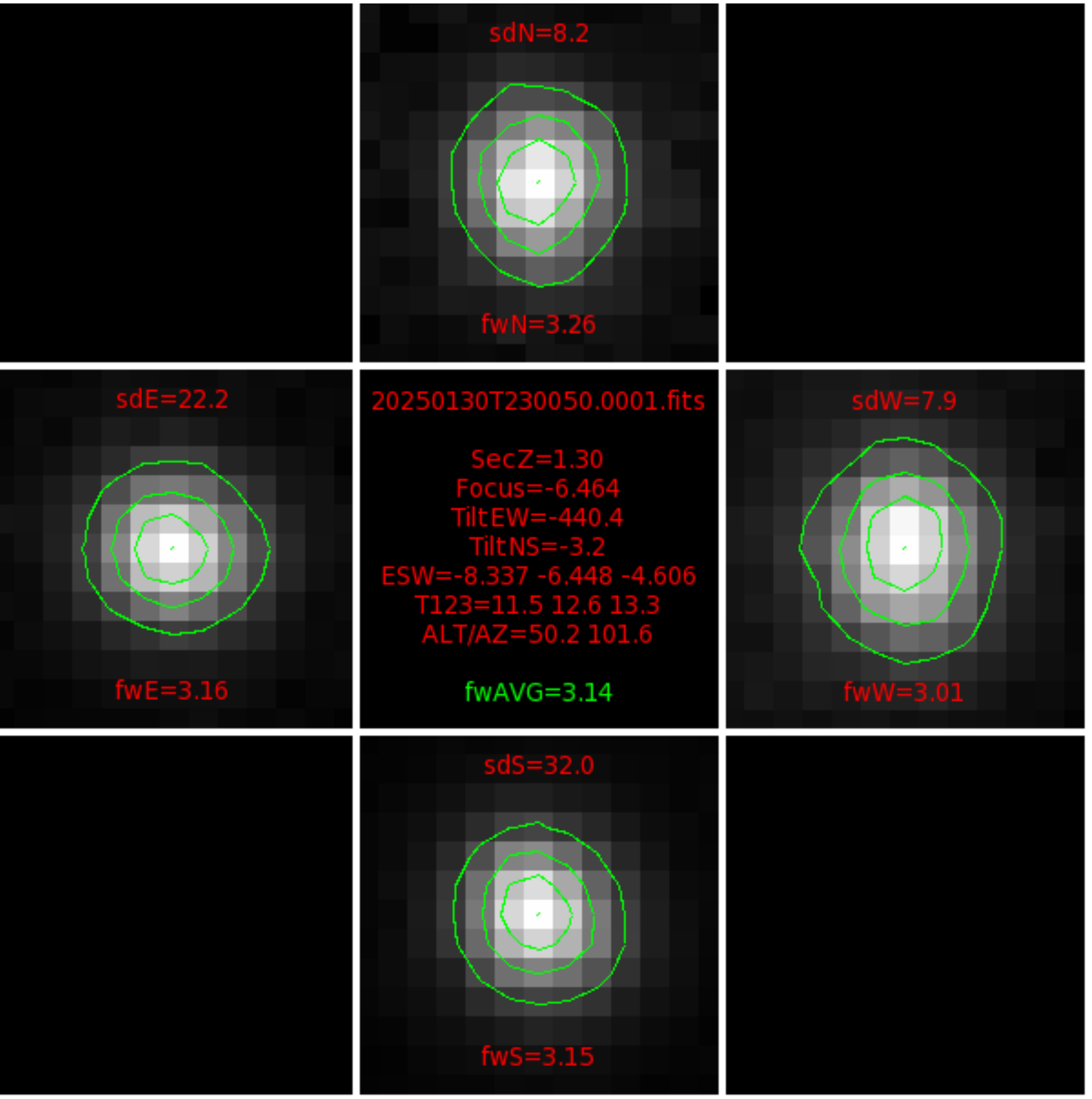
sdN=8.2
fwN=3.26
sdE=22.2
fwE=3.16
20250130T230050.0001.fits
SecZ=1.30
Focus=-6.464
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.337 -6.448 -4.606
T123=11.5 12.6 13.3
ALT/AZ=50.2 101.6
fwAVG=3.14
sdW=7.9
fwW=3.01
sdS=32.0
fwS=3.15
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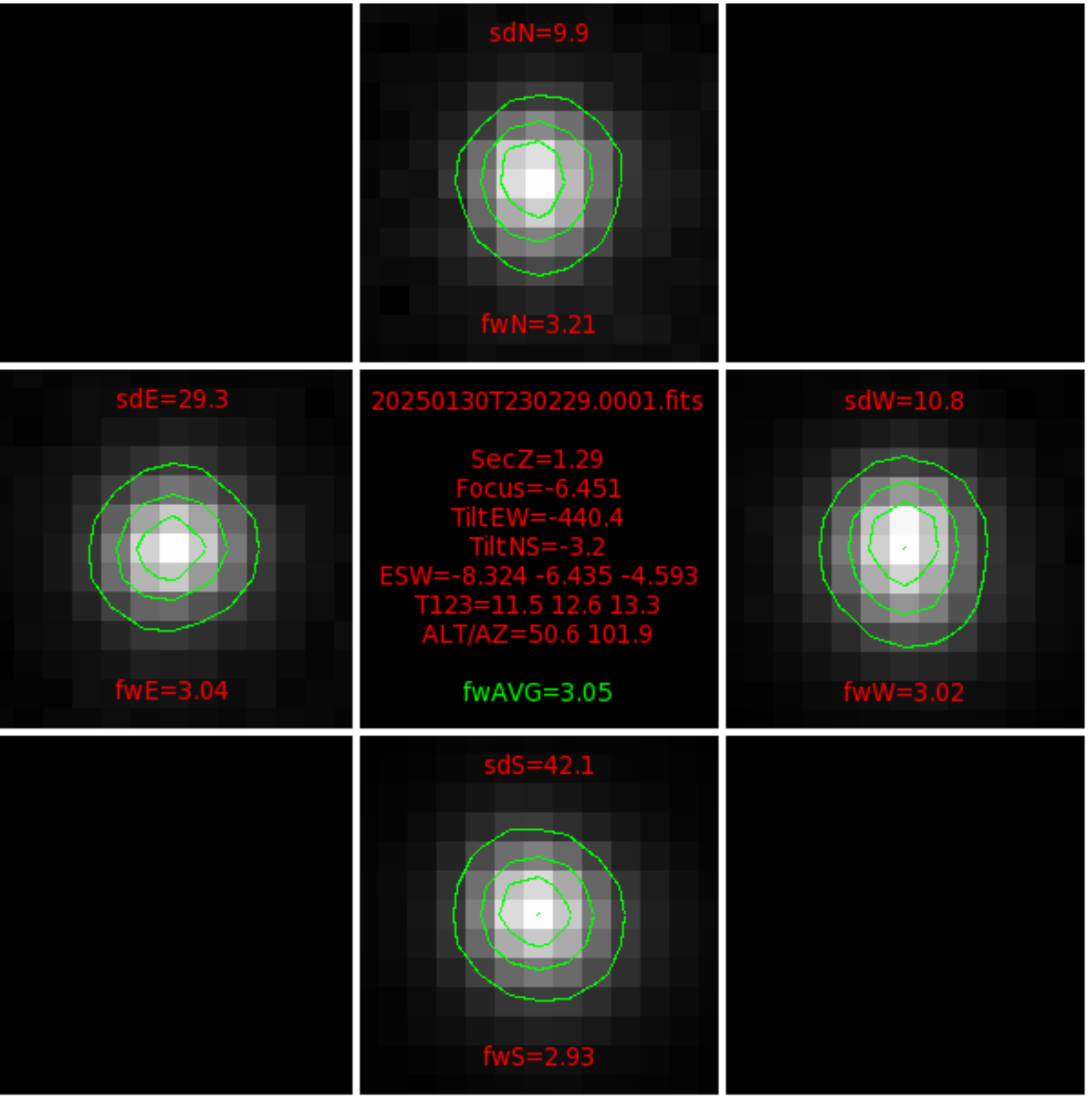
sdN=9.9
fwN=3.21
sdE=29.3
fwE=3.04
20250130T230229.0001.fits
SecZ=1.29
Focus=-6.451
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.324 -6.435 -4.593
T123=11.5 12.6 13.3
ALT/AZ=50.6 101.9
fwAVG=3.05
sdW=10.8
fwW=3.02
sdS=42.1
fwS=2.93
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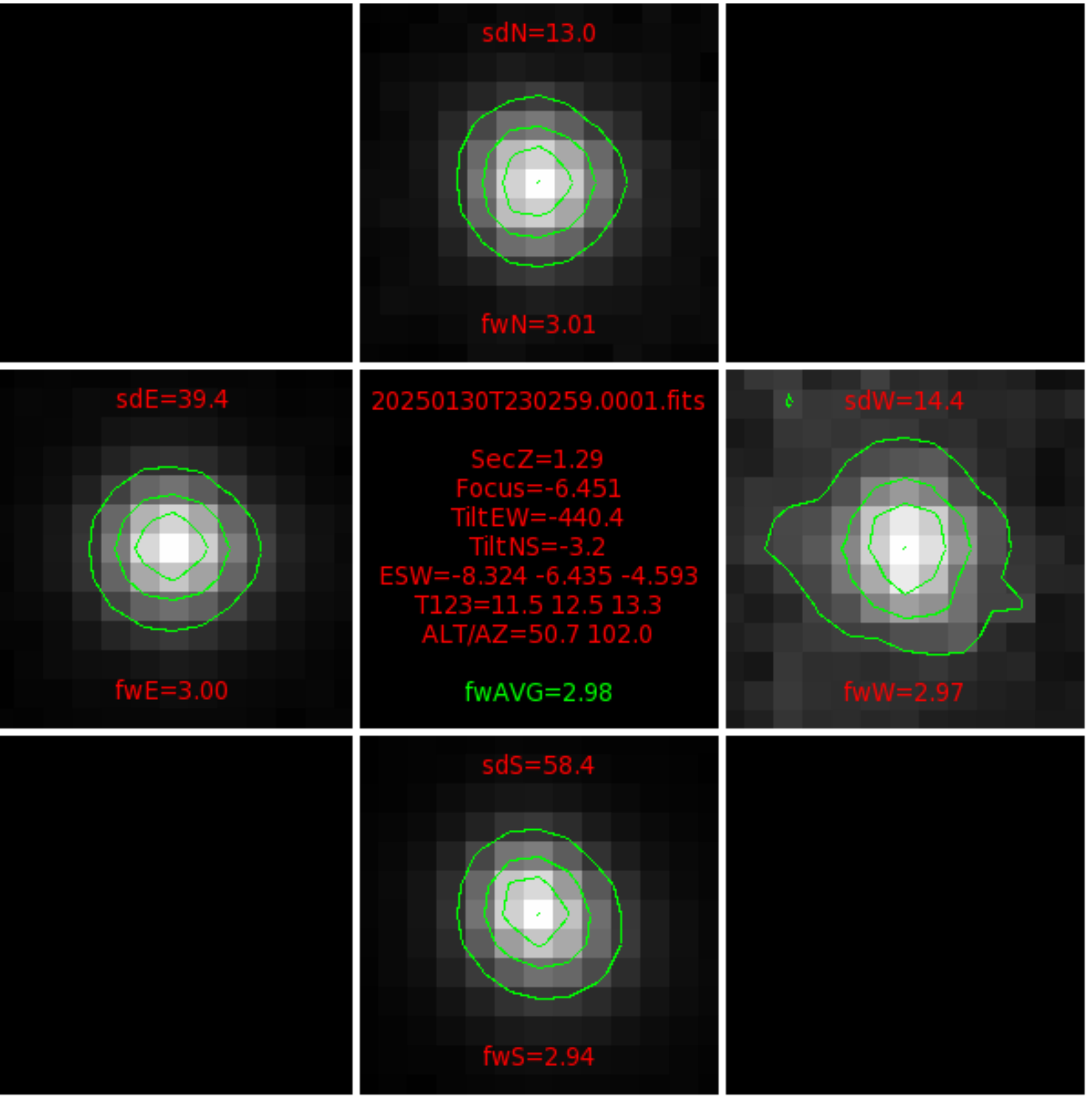
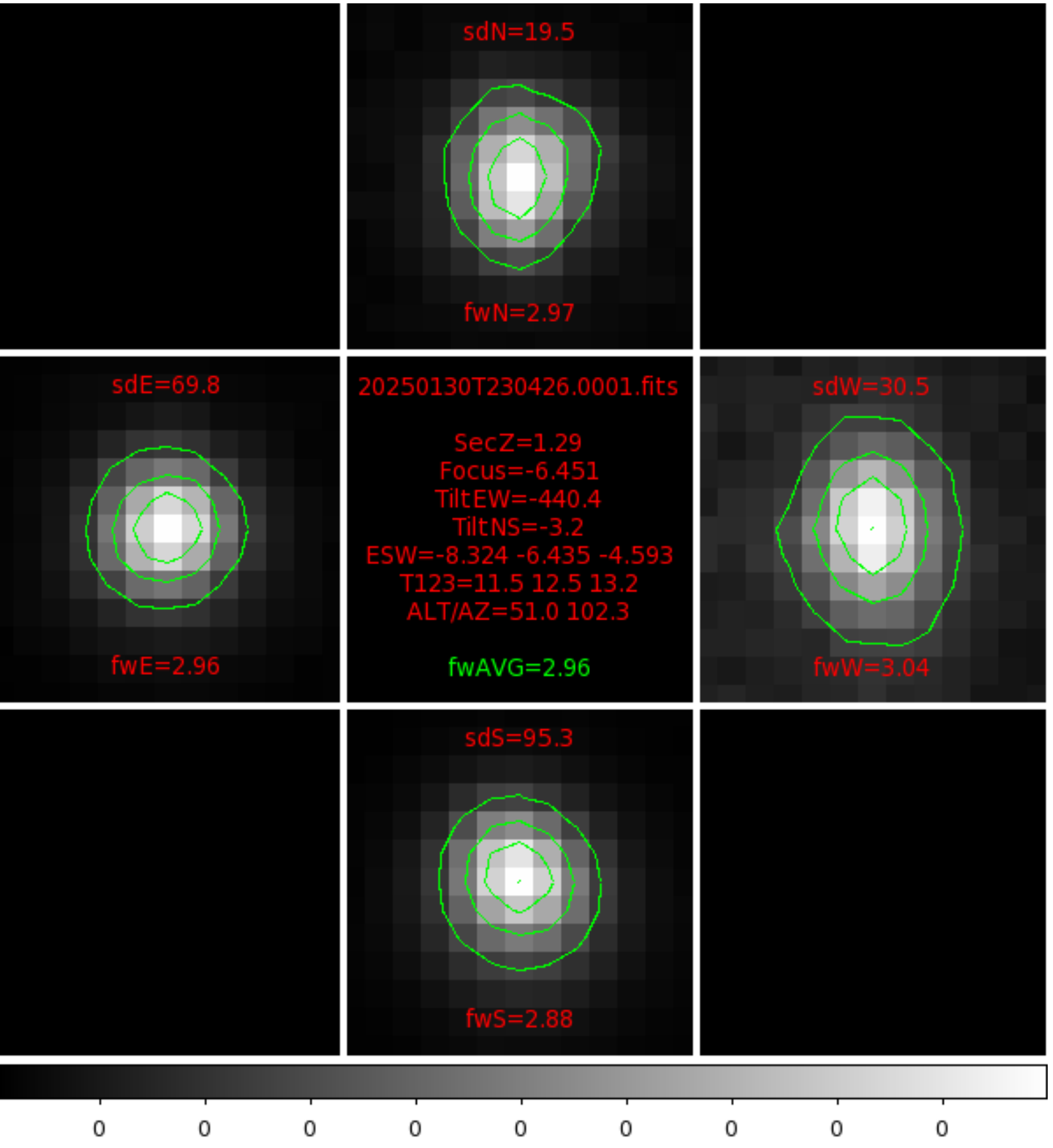

sdN=13.0
fwN=3.01
sdE=39.4
fwE=3.00
20250130T230259.0001.fits
SecZ=1.29
Focus=-6.451
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.324 -6.435 -4.593
T123=11.5 12.5 13.3
ALT/AZ=50.7 102.0
fwAVG=2.98
sdW=14.4
fwW=2.97
sdS=58.4
fwS=2.94
0 0 0 0 0 0 0 0 0


sdN=19.5
fwN=2.97
sdE=69.8
fwE=2.96
20250130T230426.0001.fits
SecZ=1.29
Focus=-6.451
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.324 -6.435 -4.593
T123=11.5 12.5 13.2
ALT/AZ=51.0 102.3
fwAVG=2.96
sdW=30.5
fwW=3.04
sdS=95.3
fwS=2.88
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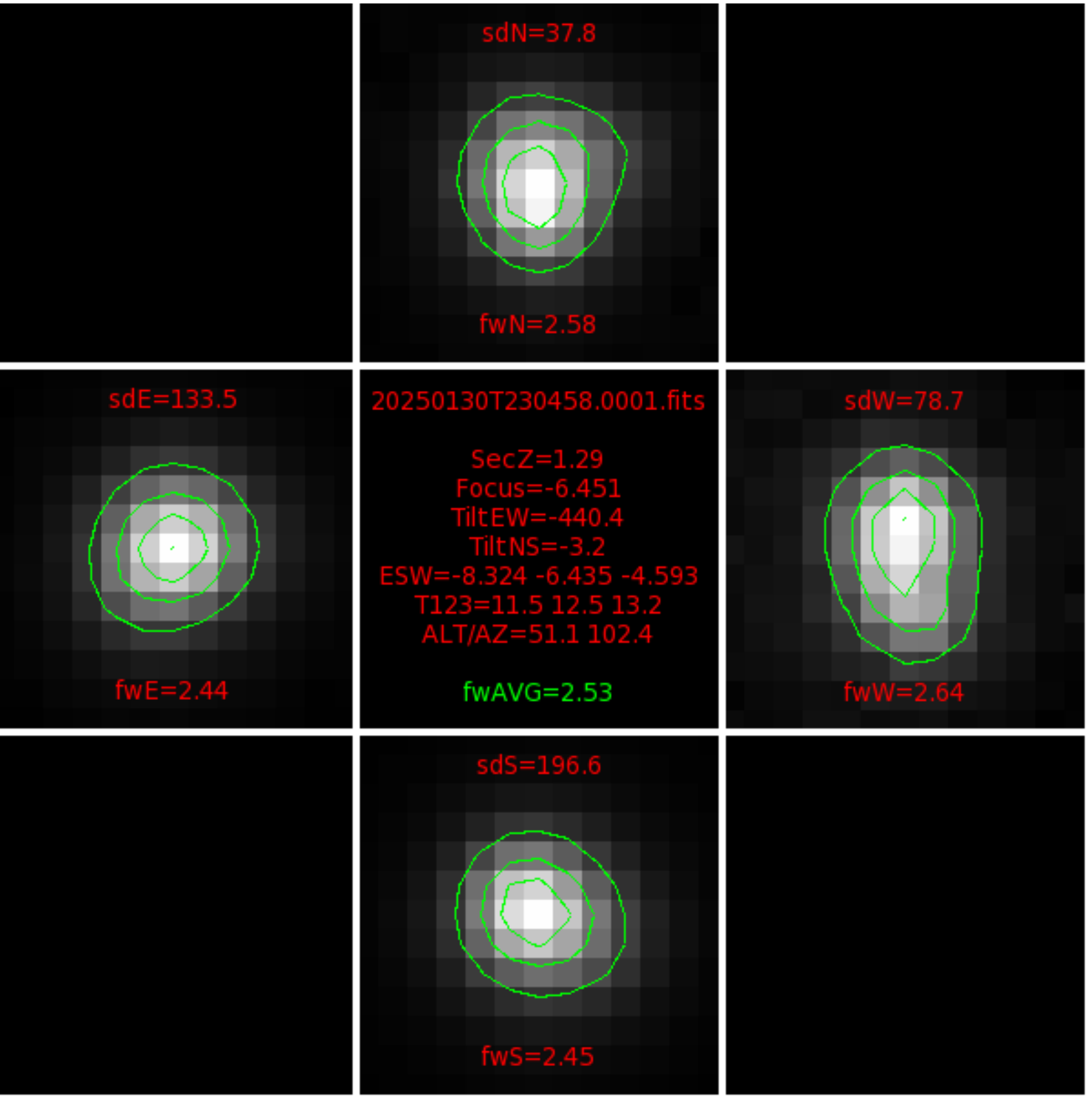
sdN=37.8
fwN=2.58
sdE=133.5
fwE=2.44
20250130T230458.0001.fits
SecZ=1.29
Focus=-6.451
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.324 -6.435 -4.593
T123=11.5 12.5 13.2
ALT/AZ=51.1 102.4
fwAVG=2.53
sdW=78.7
fwW=2.64
sdS=196.6
fwS=2.45
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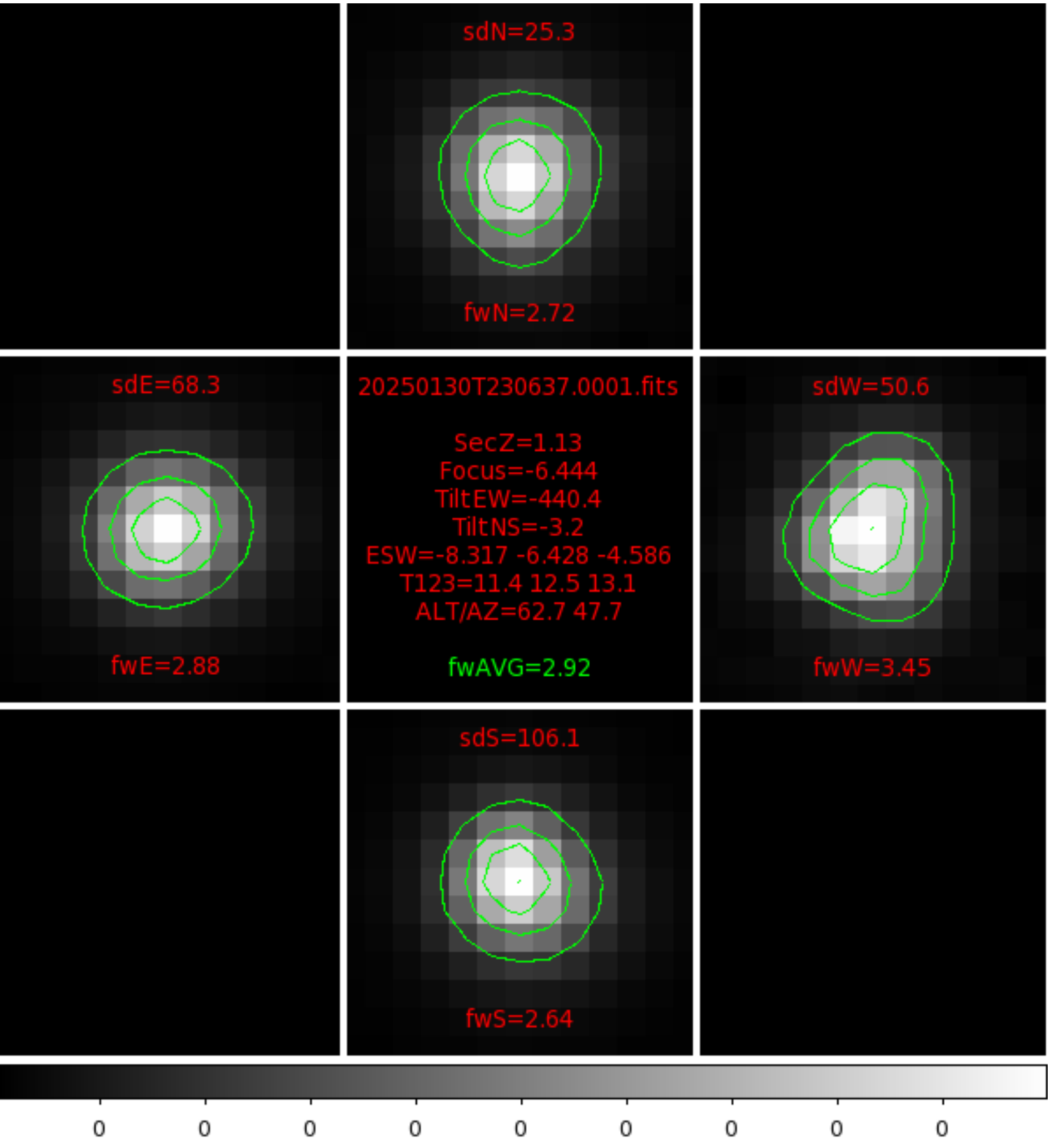
sdN=25.3
fwN=2.72
sdE=68.3
fwE=2.88
20250130T230637.0001.fits
SecZ=1.13
Focus=-6.444
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.317 -6.428 -4.586
T123=11.4 12.5 13.1
ALT/AZ=62.7 47.7
fwAVG=2.92
sdW=50.6
fwW=3.45
sdS=106.1
fwS=2.64
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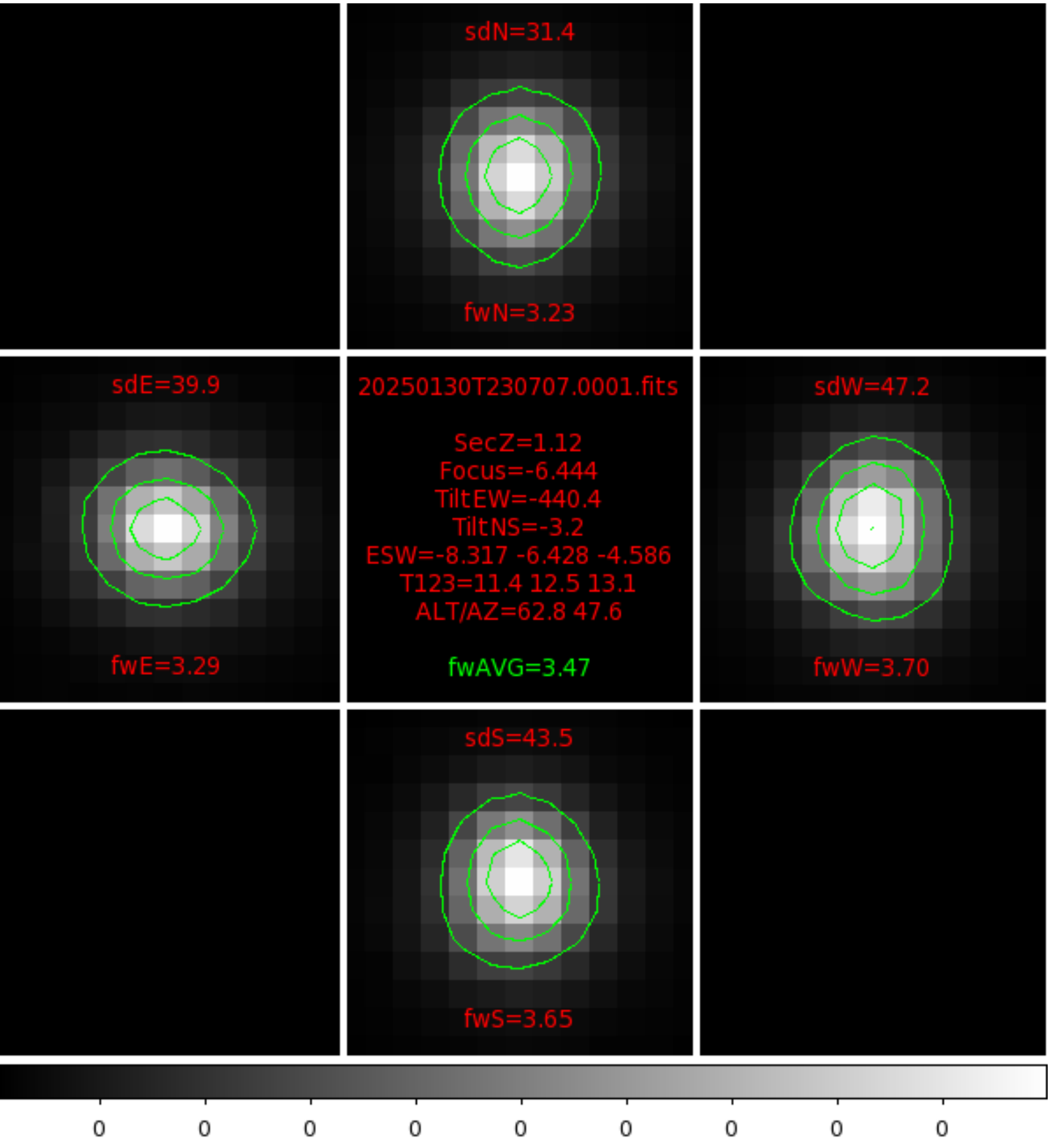
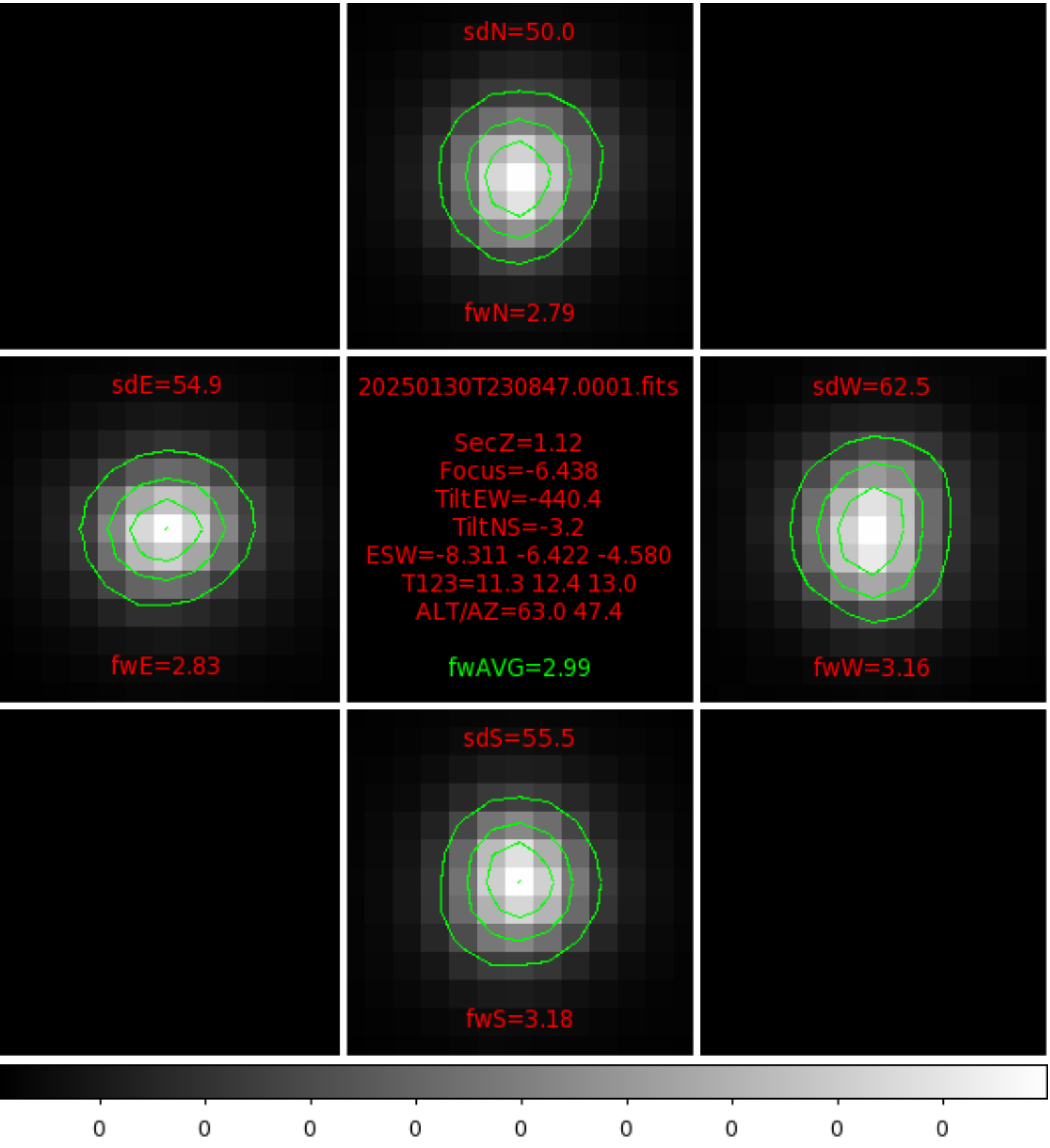
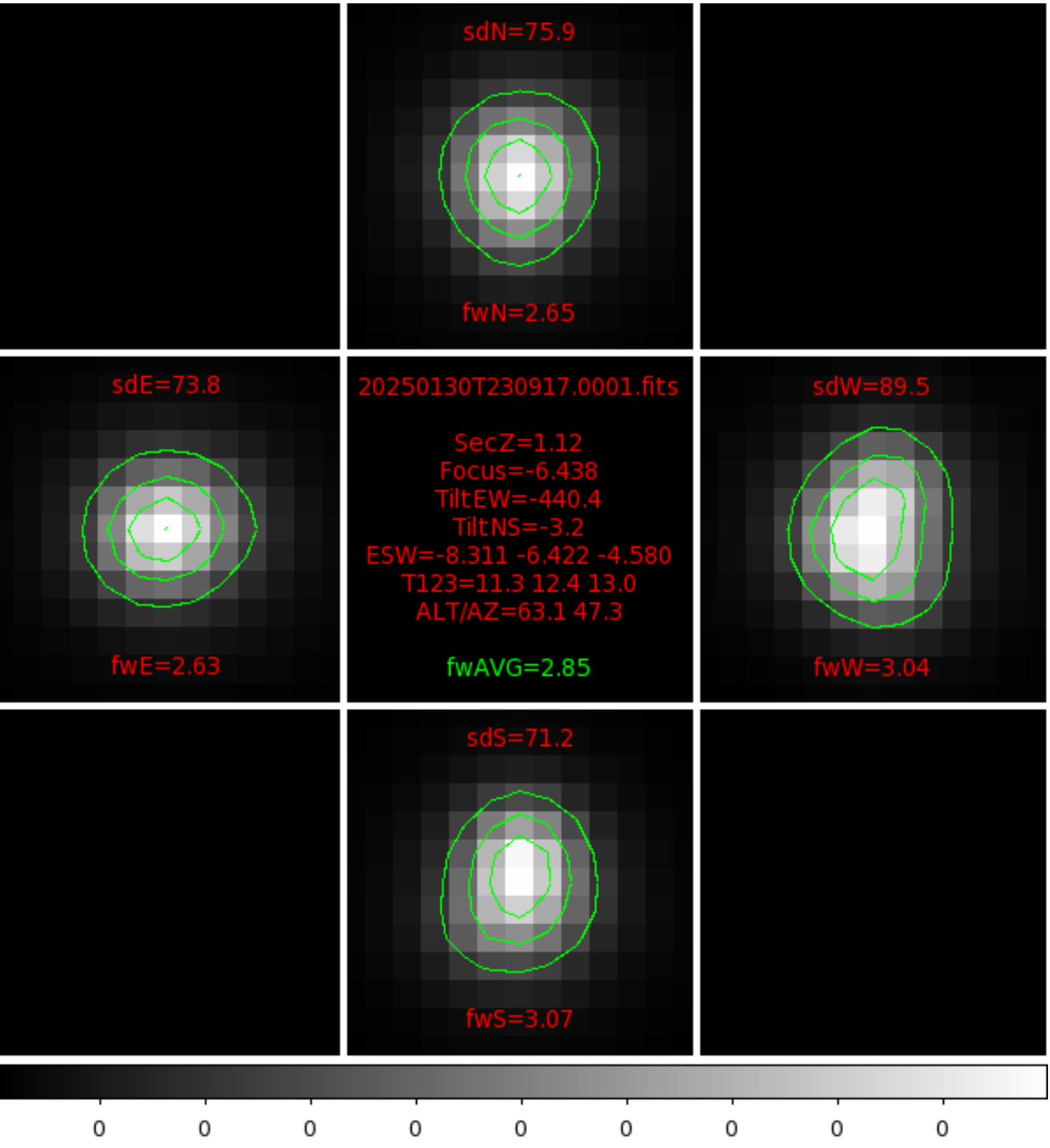
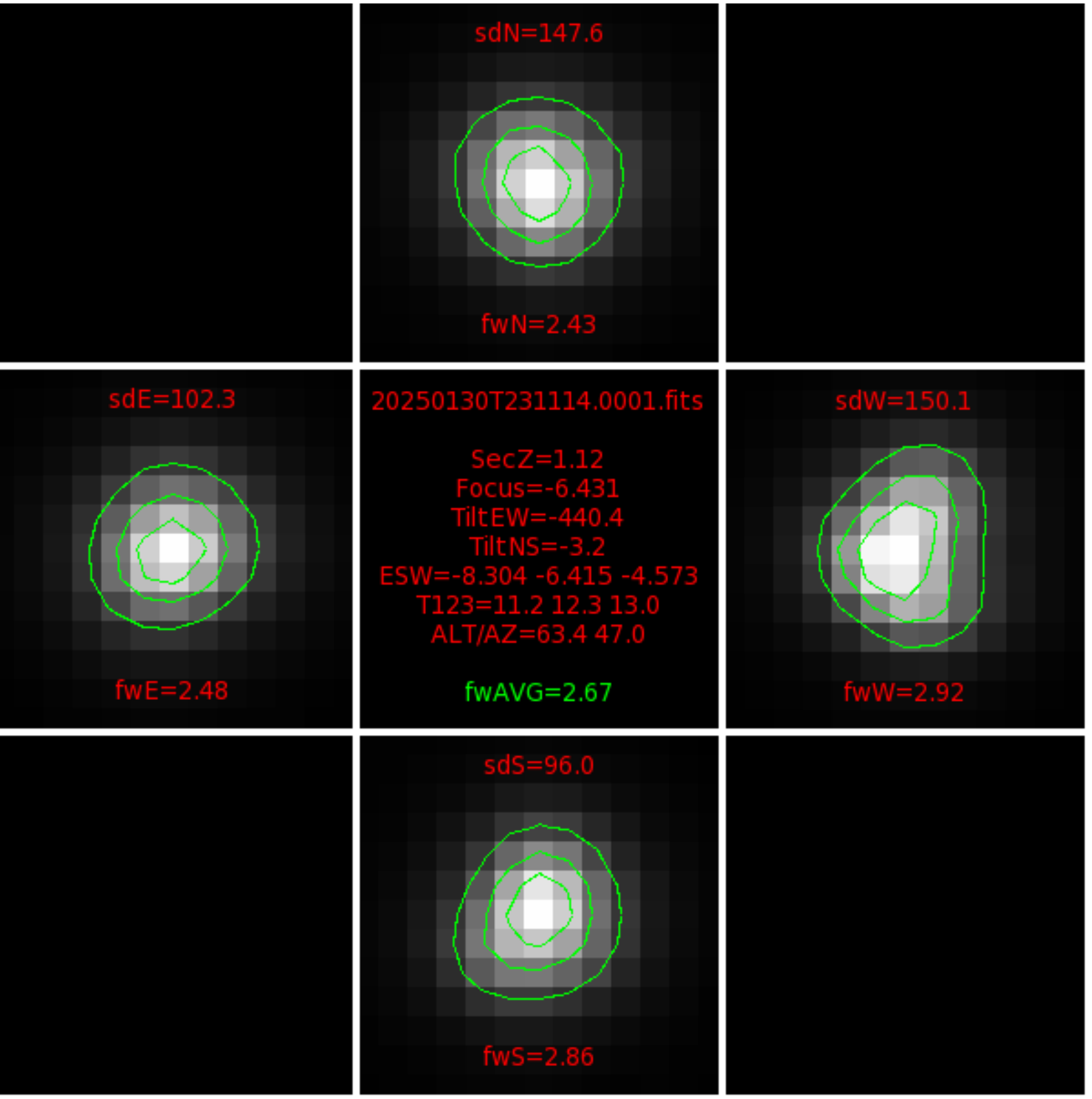
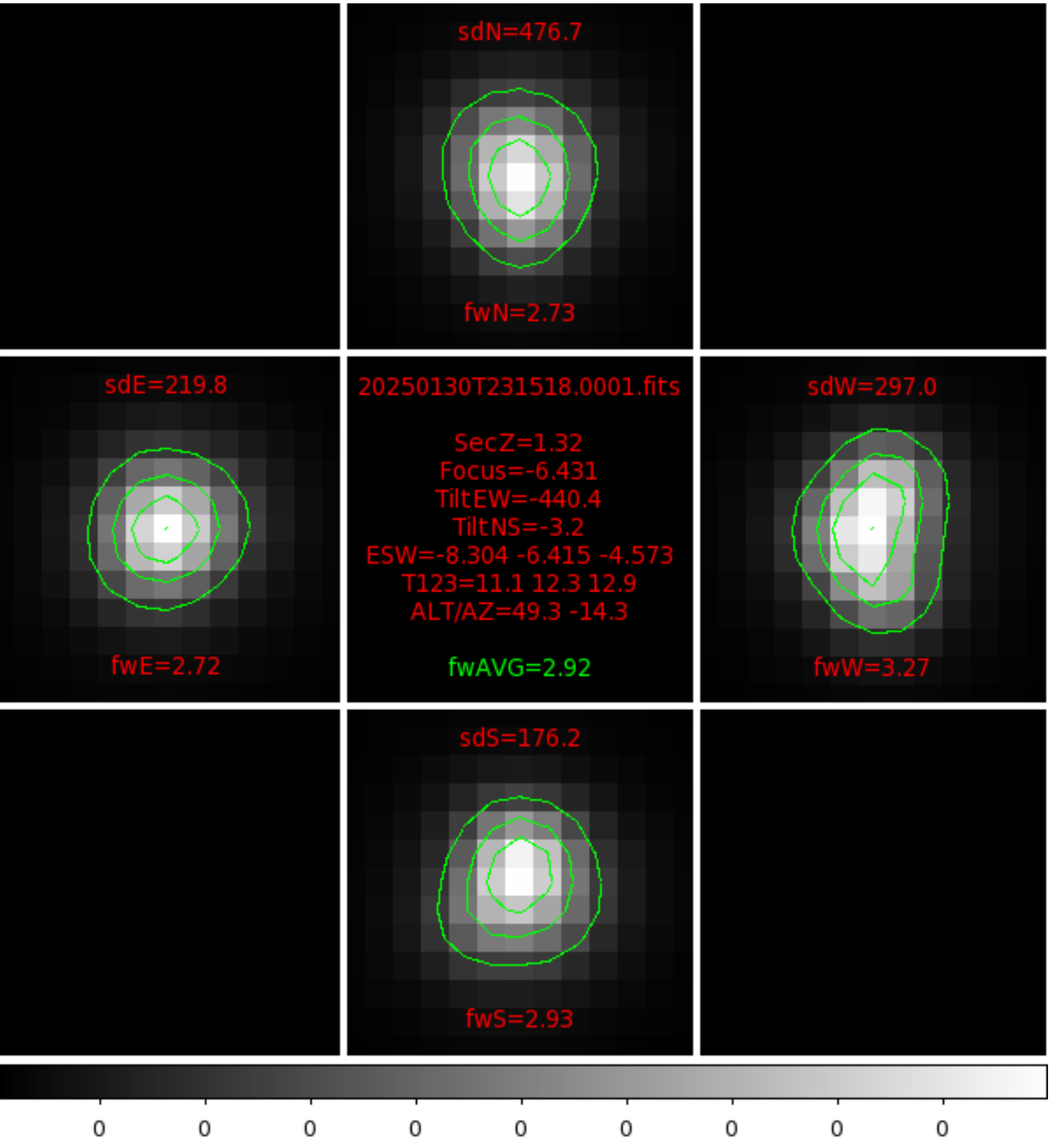
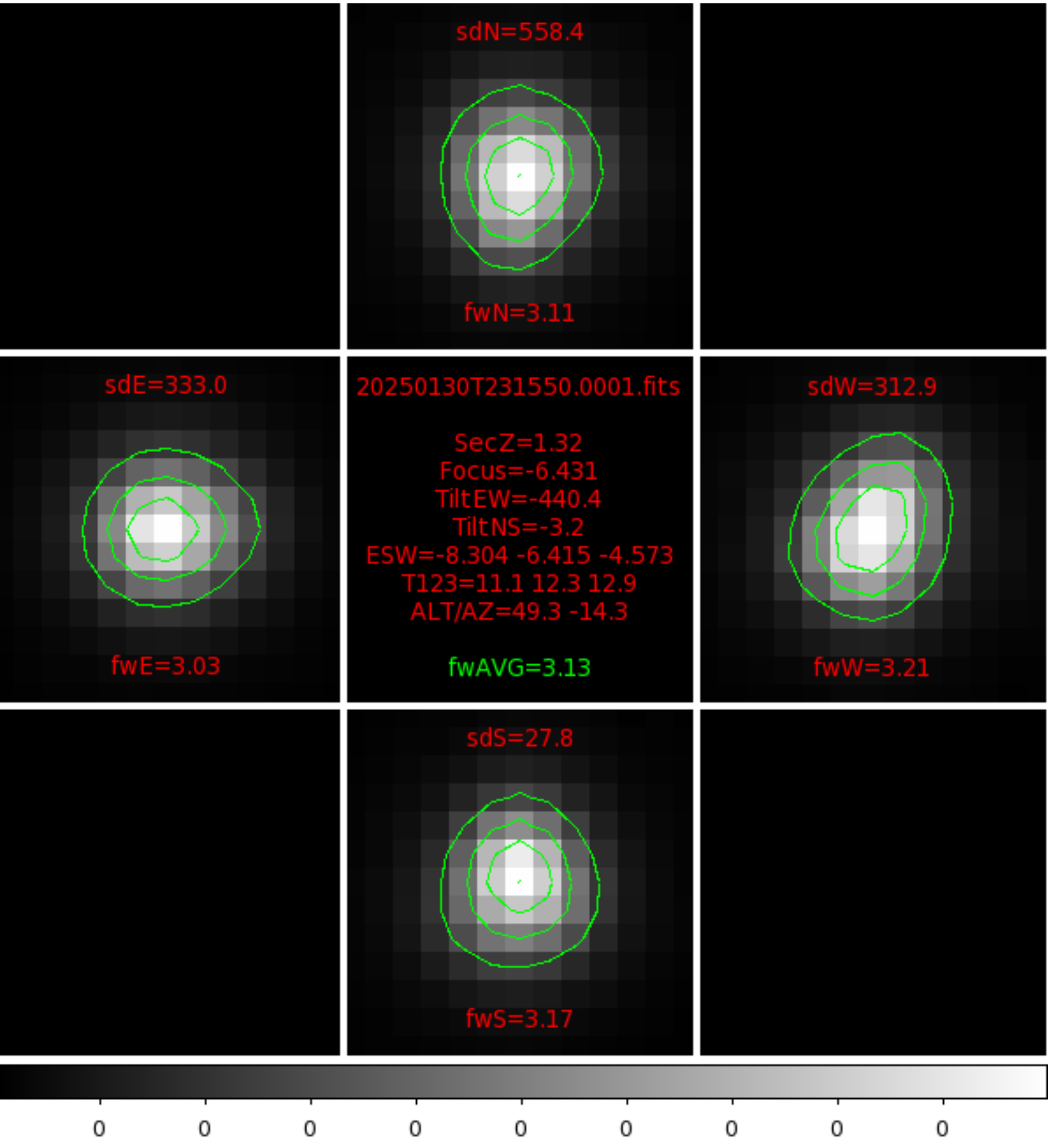

sdN=31.4
fwN=3.23
sdE=39.9
fwE=3.29
20250130T230707.0001.fits
SecZ=1.12
Focus=-6.444
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.317 -6.428 -4.586
T123=11.4 12.5 13.1
ALT/AZ=62.8 47.6
fwAVG=3.47
sdW=47.2
fwW=3.70
sdS=43.5
fwS=3.65
0 0 0 0 0 0 0 0 0

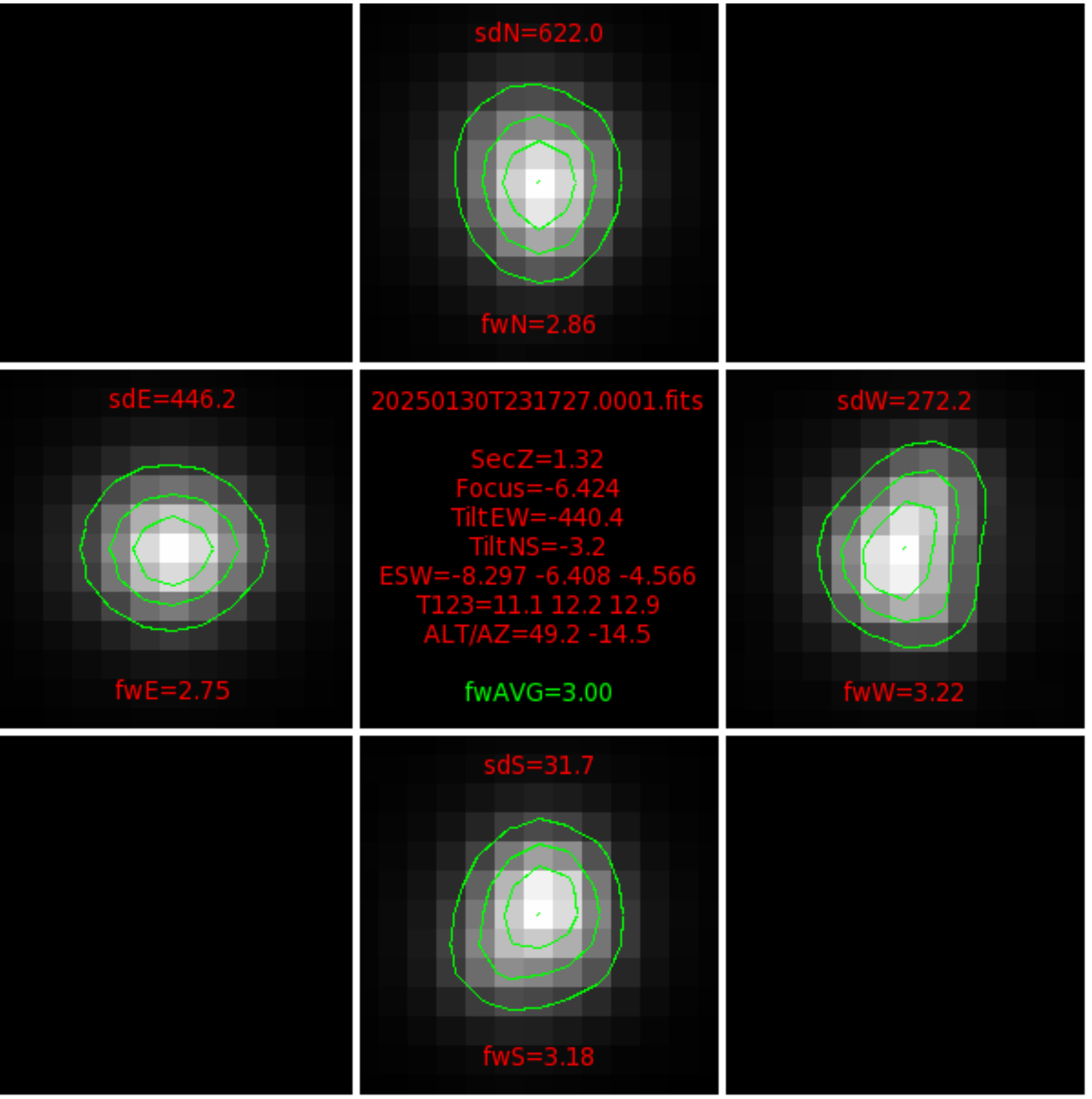

sdN=50.0
fwN=2.79
sdE=54.9
fwE=2.83
20250130T230847.0001.fits
SecZ=1.12
Focus=-6.438
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.311 -6.422 -4.580
T123=11.3 12.4 13.0
ALT/AZ=63.0 47.4
fwAVG=2.99
sdW=62.5
fwW=3.16
sdS=55.5
fwS=3.18
0 0 0 0 0 0 0 0 0

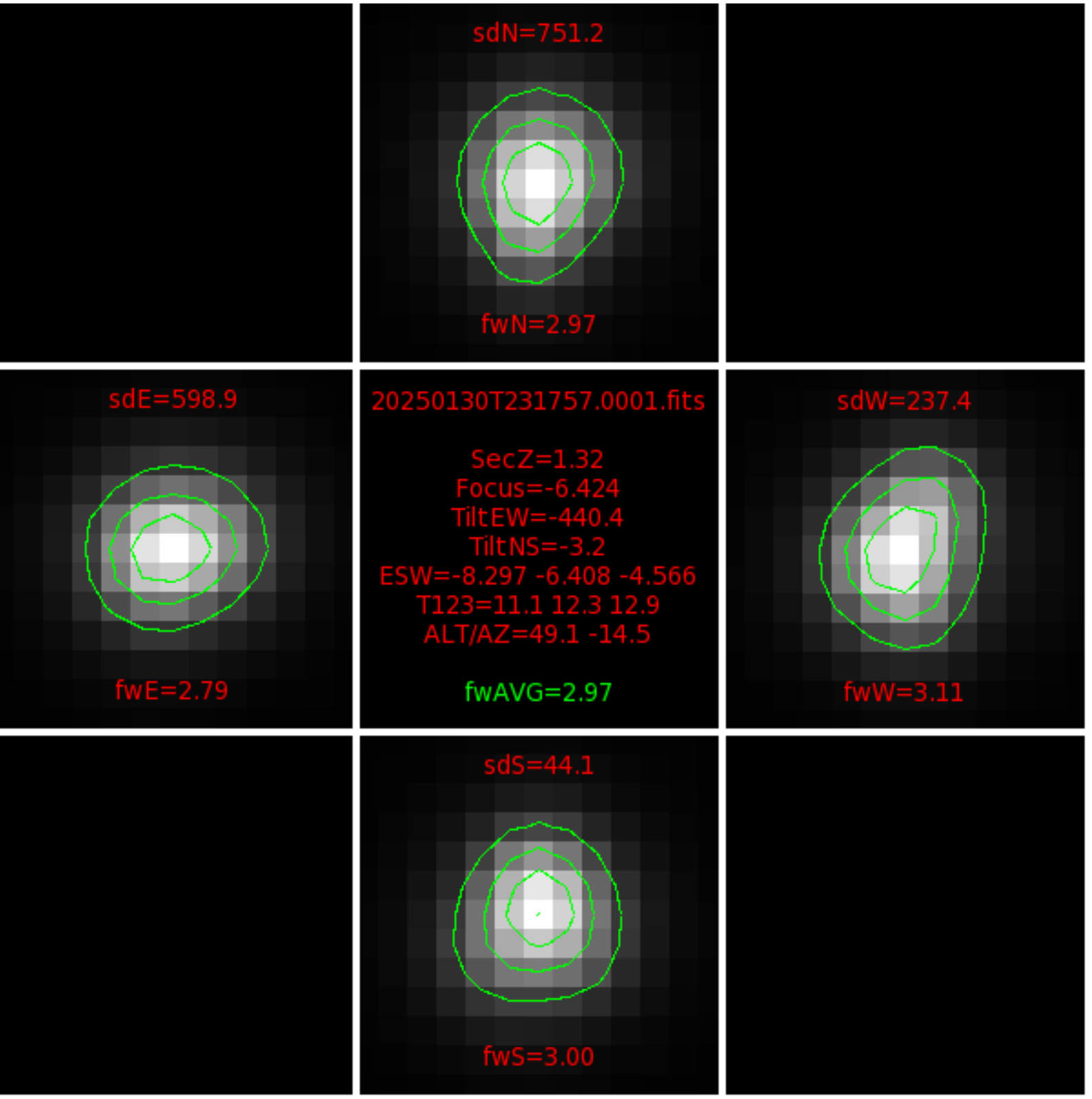

sdN=75.9
fwN=2.65
sdE=73.8
fwE=2.63
20250130T230917.0001.fits
SecZ=1.12
Focus=-6.438
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.311 -6.422 -4.580
T123=11.3 12.4 13.0
ALT/AZ=63.1 47.3
fwAVG=2.85
sdW=89.5
fwW=3.04
sdS=71.2
fwS=3.07
0 0 0 0 0 0 0 0 0

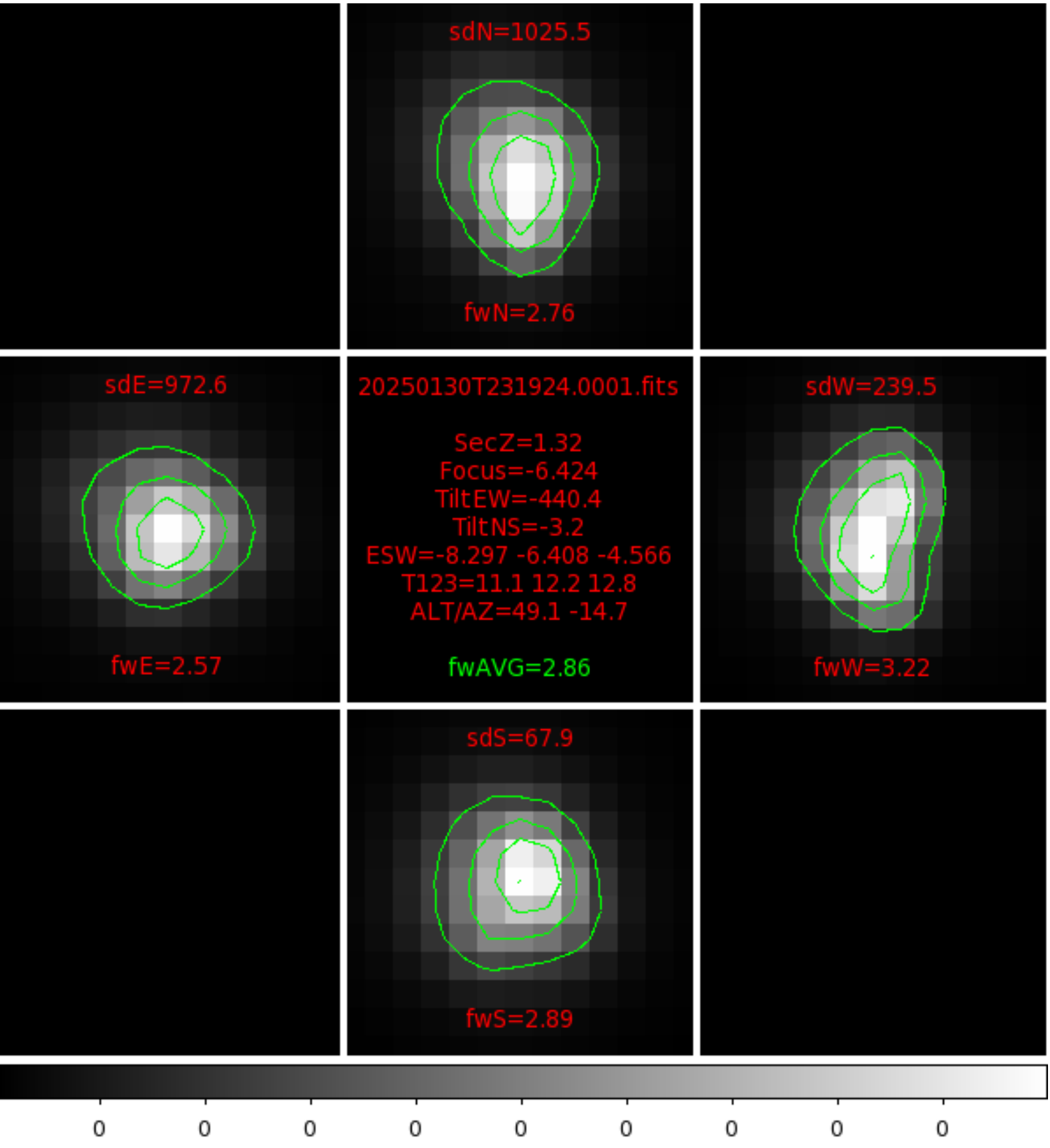

sdN=147.6
fwN=2.43
sdE=102.3
fwE=2.48
20250130T231114.0001.fits
SecZ=1.12
Focus=-6.431
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.304 -6.415 -4.573
T123=11.2 12.3 13.0
ALT/AZ=63.4 47.0
fwAVG=2.67
sdW=150.1
fwW=2.92
sdS=96.0
fwS=2.86
0 0 0 0 0 0 0 0 0

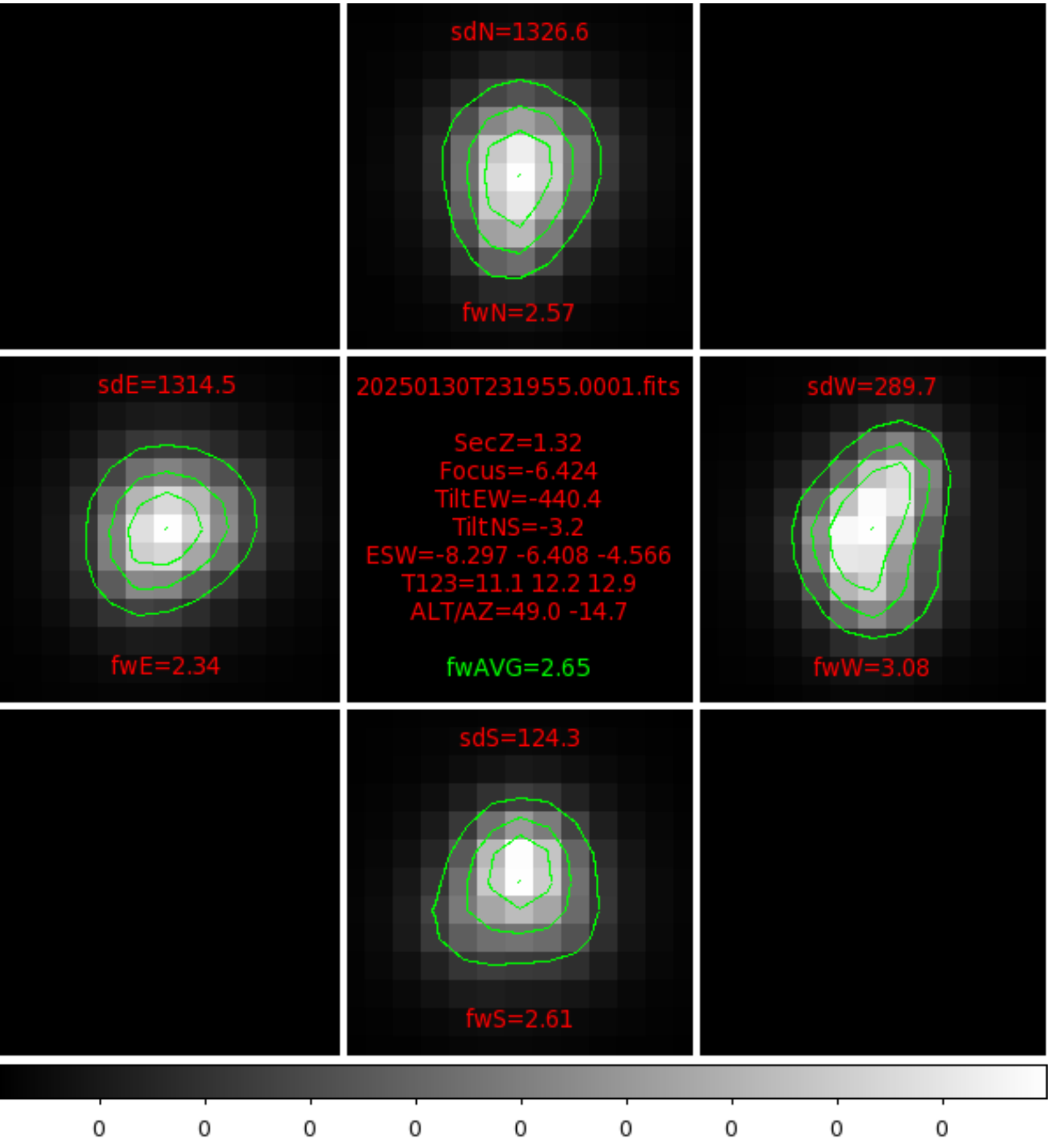

sdN=476.7
fwN=2.73
sdE=219.8
fwE=2.72
20250130T231518.0001.fits
SecZ=1.32
Focus=-6.431
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.304 -6.415 -4.573
T123=11.1 12.3 12.9
ALT/AZ=49.3 -14.3
fwAVG=2.92
sdW=297.0
fwW=3.27
sdS=176.2
fwS=2.93
0 0 0 0 0 0 0 0 0

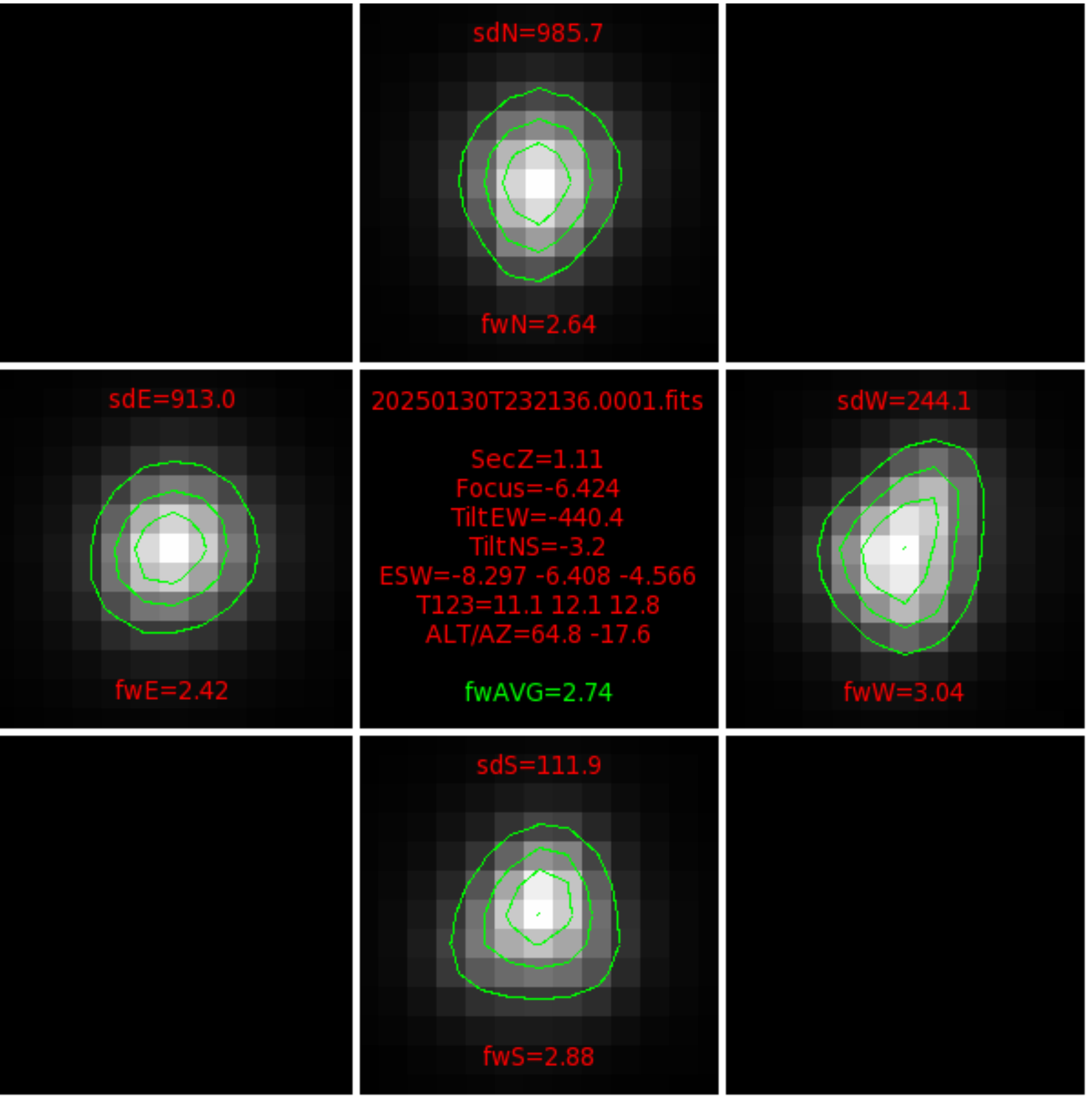

sdN=558.4
fwN=3.11
sdE=333.0
fwE=3.03
20250130T231550.0001.fits
SecZ=1.32
Focus=-6.431
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.304 -6.415 -4.573
T123=11.1 12.3 12.9
ALT/AZ=49.3 -14.3
fwAVG=3.13
sdW=312.9
fwW=3.21
sdS=27.8
fwS=3.17
0 0 0 0 0 0 0 0 0

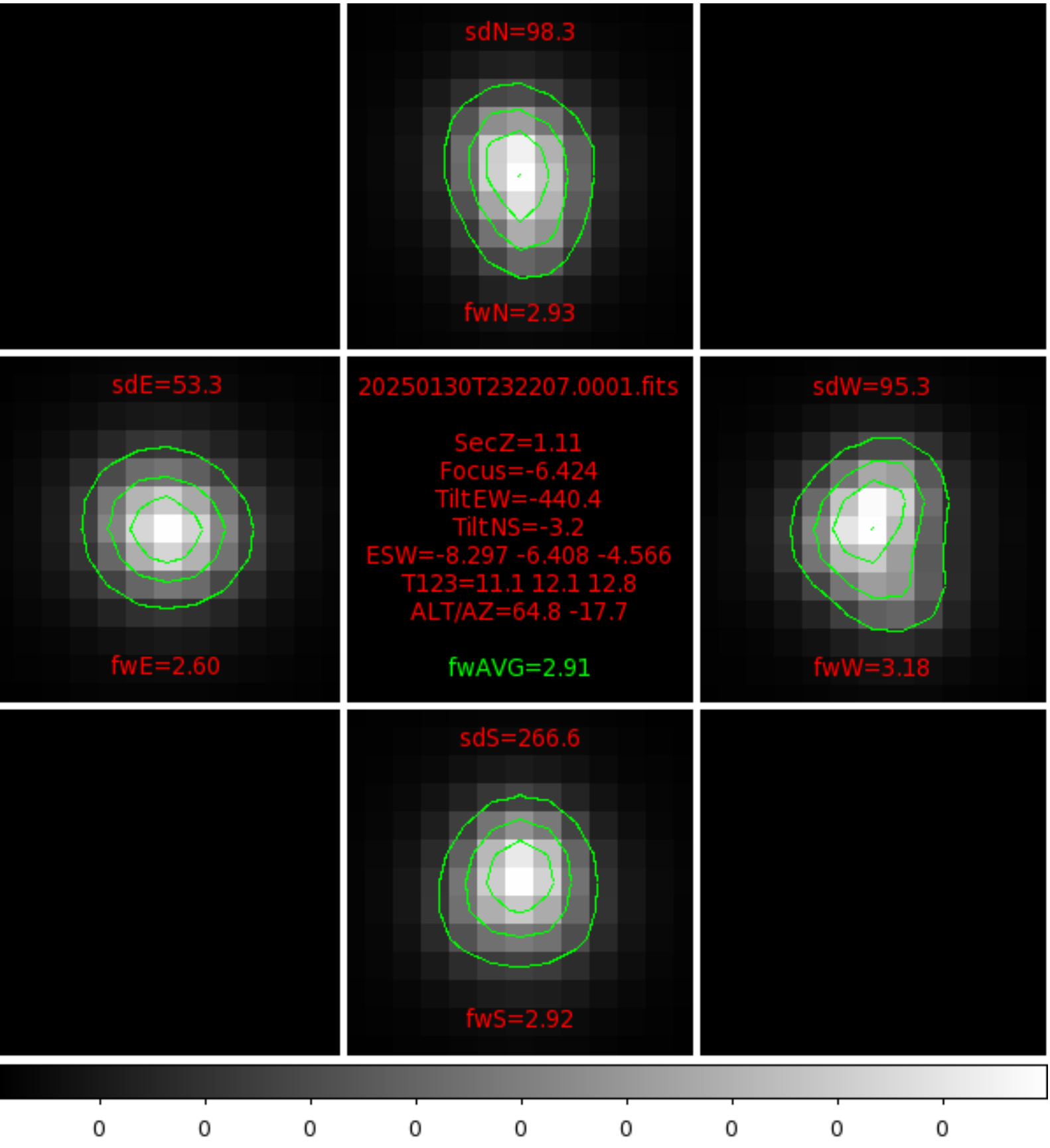

sdN=622.0
fwN=2.86
sdE=446.2
fwE=2.75
20250130T231727.0001.fits
SecZ=1.32
Focus=-6.424
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.297 -6.408 -4.566
T123=11.1 12.2 12.9
ALT/AZ=49.2 -14.5
fwAVG=3.00
sdW=272.2
fwW=3.22
sdS=31.7
fwS=3.18
0 0 0 0 0 0 0 0 0

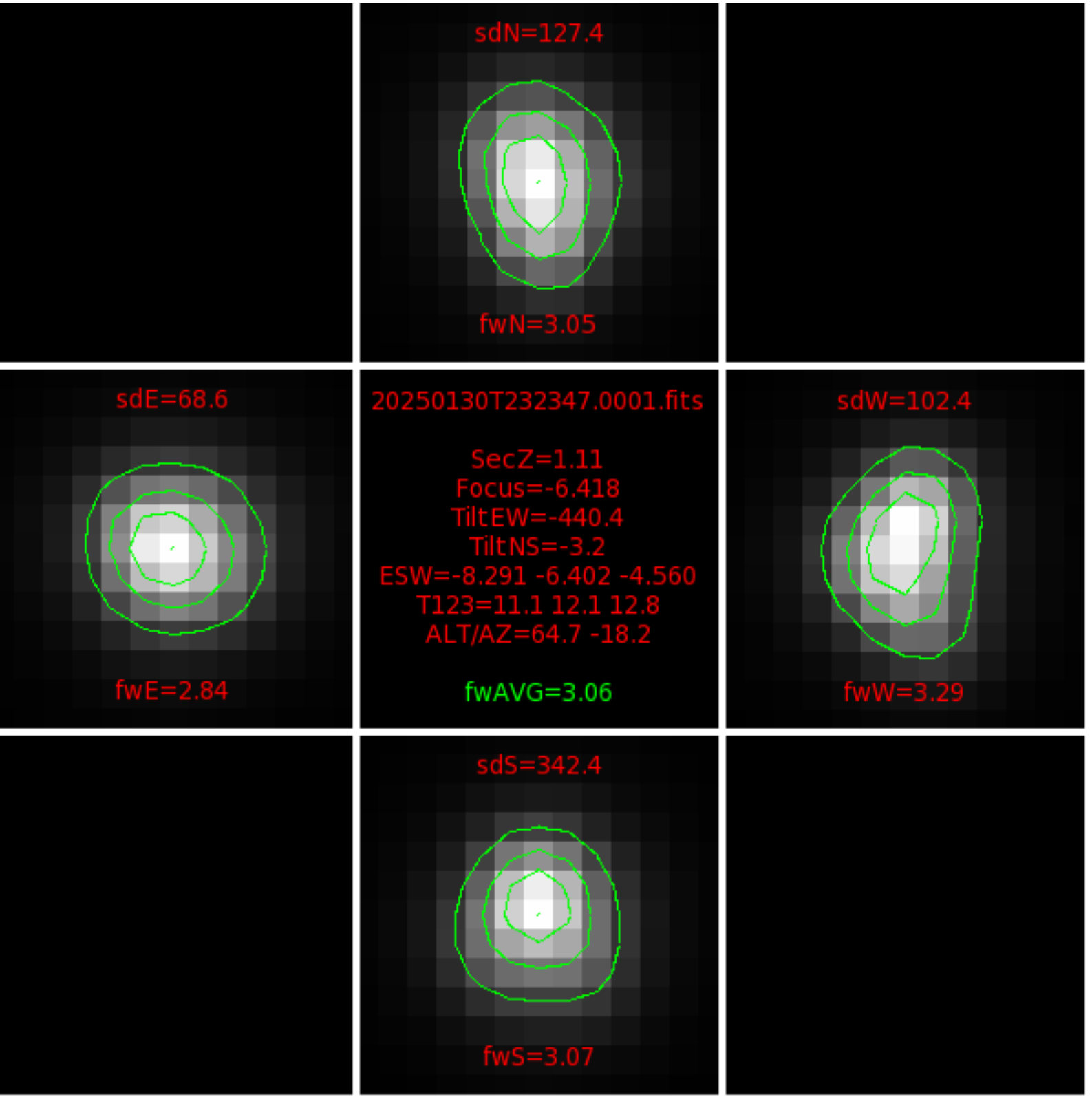

sdN=751.2
fwN=2.97
sdE=598.9
fwE=2.79
20250130T231757.0001.fits
SecZ=1.32
Focus=-6.424
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.297 -6.408 -4.566
T123=11.1 12.3 12.9
ALT/AZ=49.1 -14.5
fwAVG=2.97
sdW=237.4
fwW=3.11
sdS=44.1
fwS=3.00
0 0 0 0 0 0 0 0 0


sdN=1025.5
fwN=2.76
sdE=972.6
fwE=2.57
20250130T231924.0001.fits
SecZ=1.32
Focus=-6.424
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.297 -6.408 -4.566
T123=11.1 12.2 12.8
ALT/AZ=49.1 -14.7
fwAVG=2.86
sdW=239.5
fwW=3.22
sdS=67.9
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=1326.6
fwN=2.57
sdE=1314.5
fwE=2.34
20250130T231955.0001.fits
SecZ=1.32
Focus=-6.424
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.297 -6.408 -4.566
T123=11.1 12.2 12.9
ALT/AZ=49.0 -14.7
fwAVG=2.65
sdW=289.7
fwW=3.08
sdS=124.3
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=985.7
fwN=2.64
sdE=913.0
fwE=2.42
20250130T232136.0001.fits
SecZ=1.11
Focus=-6.424
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.297 -6.408 -4.566
T123=11.1 12.1 12.8
ALT/AZ=64.8 -17.6
fwAVG=2.74
sdW=244.1
fwW=3.04
sdS=111.9
fwS=2.88
0 0 0 0 0 0 0 0 0


sdN=98.3
fwN=2.93
sdE=53.3
fwE=2.60
20250130T232207.0001.fits
SecZ=1.11
Focus=-6.424
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.297 -6.408 -4.566
T123=11.1 12.1 12.8
ALT/AZ=64.8 -17.7
fwAVG=2.91
sdW=95.3
fwW=3.18
sdS=266.6
fwS=2.92
0 0 0 0 0 0 0 0 0


sdN=127.4
fwN=3.05
sdE=68.6
fwE=2.84
20250130T232347.0001.fits
SecZ=1.11
Focus=-6.418
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.291 -6.402 -4.560
T123=11.1 12.1 12.8
ALT/AZ=64.7 -18.2
fwAVG=3.06
sdW=102.4
fwW=3.29
sdS=342.4
fwS=3.07
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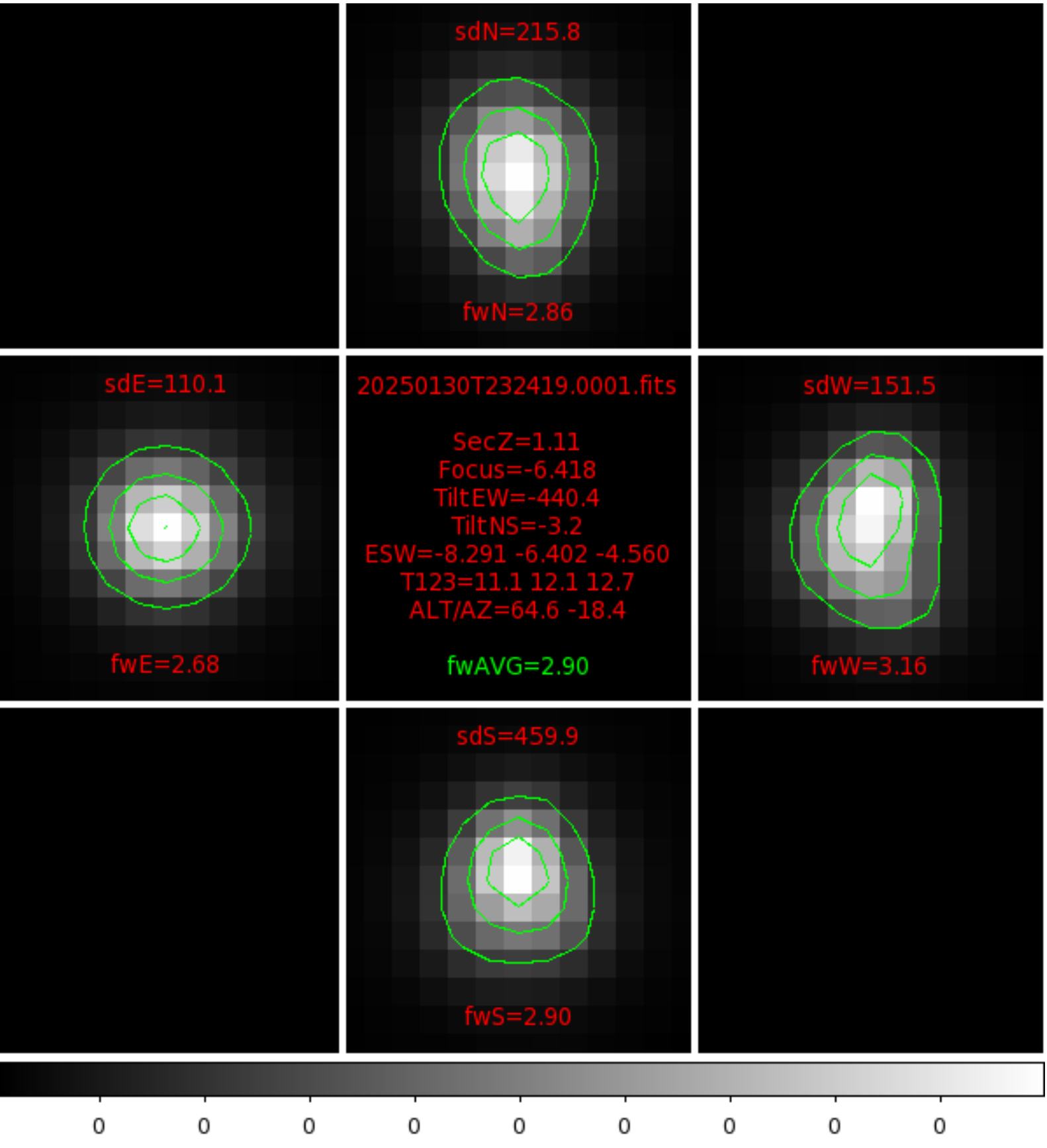
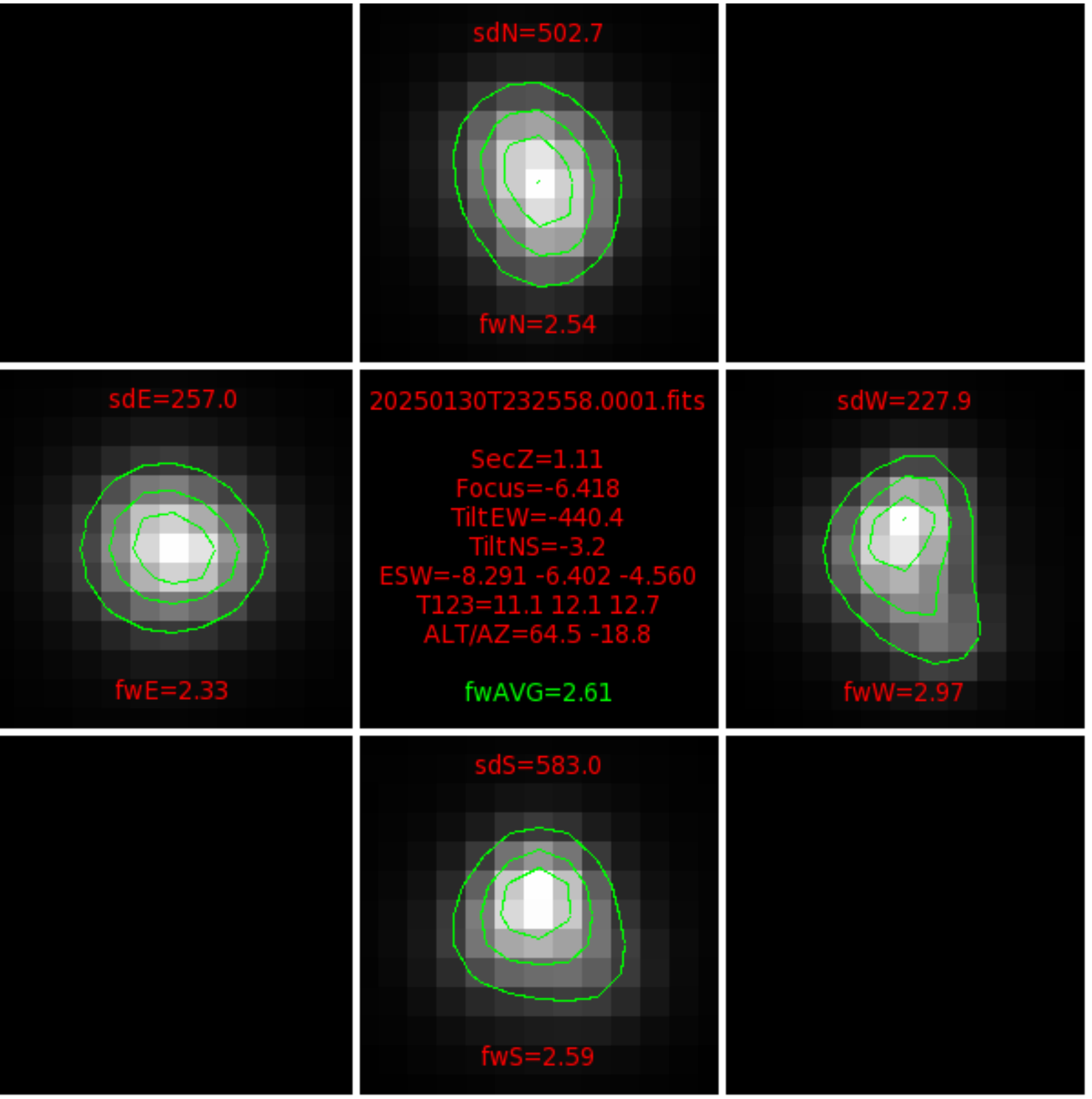
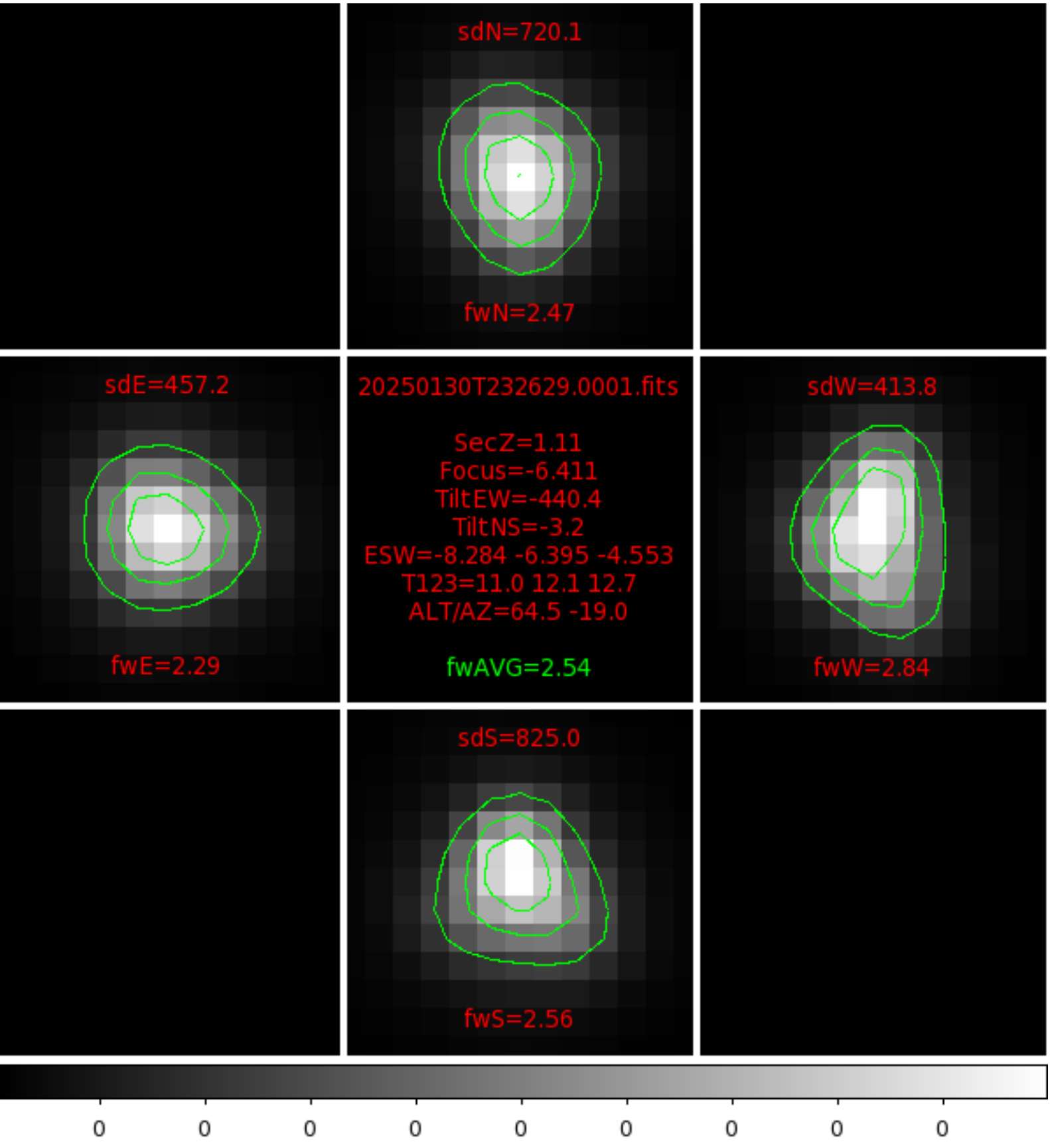
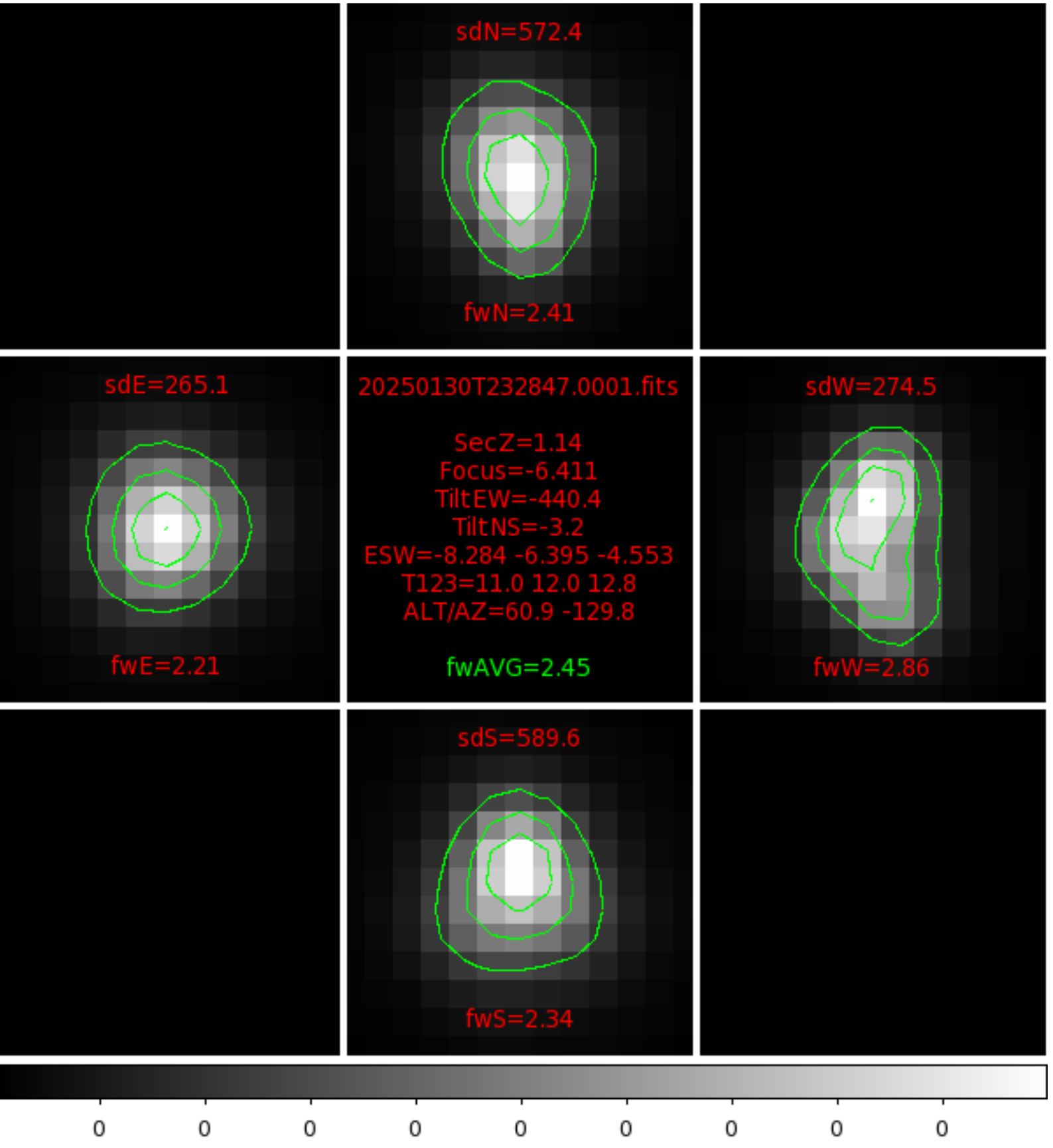
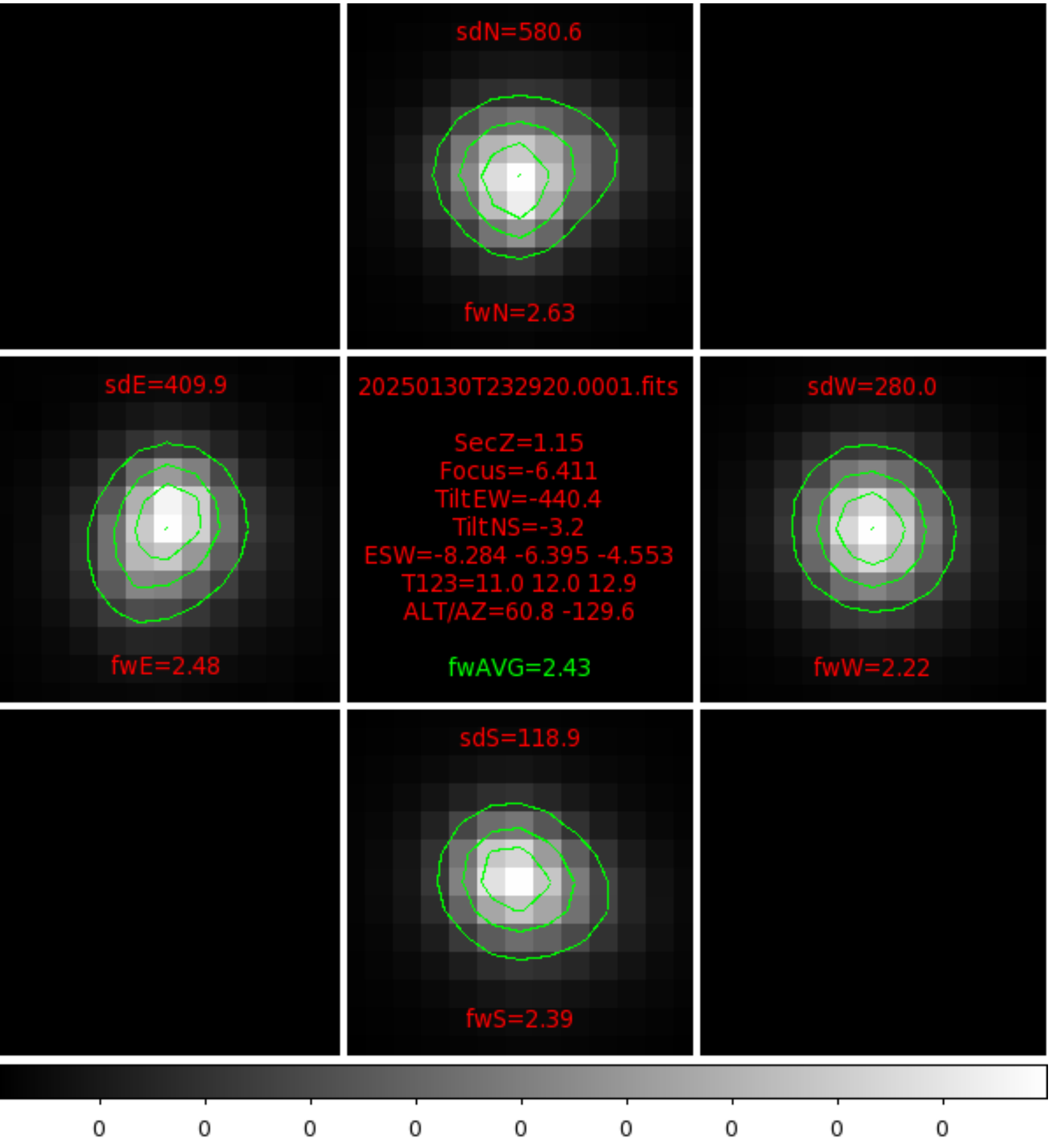

sdN=215.8
fwN=2.86
sdE=110.1
fwE=2.68
20250130T232419.0001.fits
SecZ=1.11
Focus=-6.418
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.291 -6.402 -4.560
T123=11.1 12.1 12.7
ALT/AZ=64.6 -18.4
fwAVG=2.90
sdW=151.5
fwW=3.16
sdS=459.9
fwS=2.90
0 0 0 0 0 0 0 0 0


sdN=502.7
fwN=2.54
sdE=257.0
fwE=2.33
20250130T232558.0001.fits
SecZ=1.11
Focus=-6.418
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.291 -6.402 -4.560
T123=11.1 12.1 12.7
ALT/AZ=64.5 -18.8
fwAVG=2.61
sdW=227.9
fwW=2.97
sdS=583.0
fwS=2.59
0 0 0 0 0 0 0 0 0


sdN=720.1
fwN=2.47
sdE=457.2
fwE=2.29
20250130T232629.0001.fits
SecZ=1.11
Focus=-6.411
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.284 -6.395 -4.553
T123=11.0 12.1 12.7
ALT/AZ=64.5 -19.0
fwAVG=2.54
sdW=413.8
fwW=2.84
sdS=825.0
fwS=2.56
0 0 0 0 0 0 0 0 0


sdN=572.4
fwN=2.41
sdE=265.1
fwE=2.21
20250130T232847.0001.fits
SecZ=1.14
Focus=-6.411
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.284 -6.395 -4.553
T123=11.0 12.0 12.8
ALT/AZ=60.9 -129.8
fwAVG=2.45
sdW=274.5
fwW=2.86
sdS=589.6
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=580.6
fwN=2.63
sdE=409.9
fwE=2.48
20250130T232920.0001.fits
SecZ=1.15
Focus=-6.411
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.284 -6.395 -4.553
T123=11.0 12.0 12.9
ALT/AZ=60.8 -129.6
fwAVG=2.43
sdW=280.0
fwW=2.22
sdS=118.9
fwS=2.39
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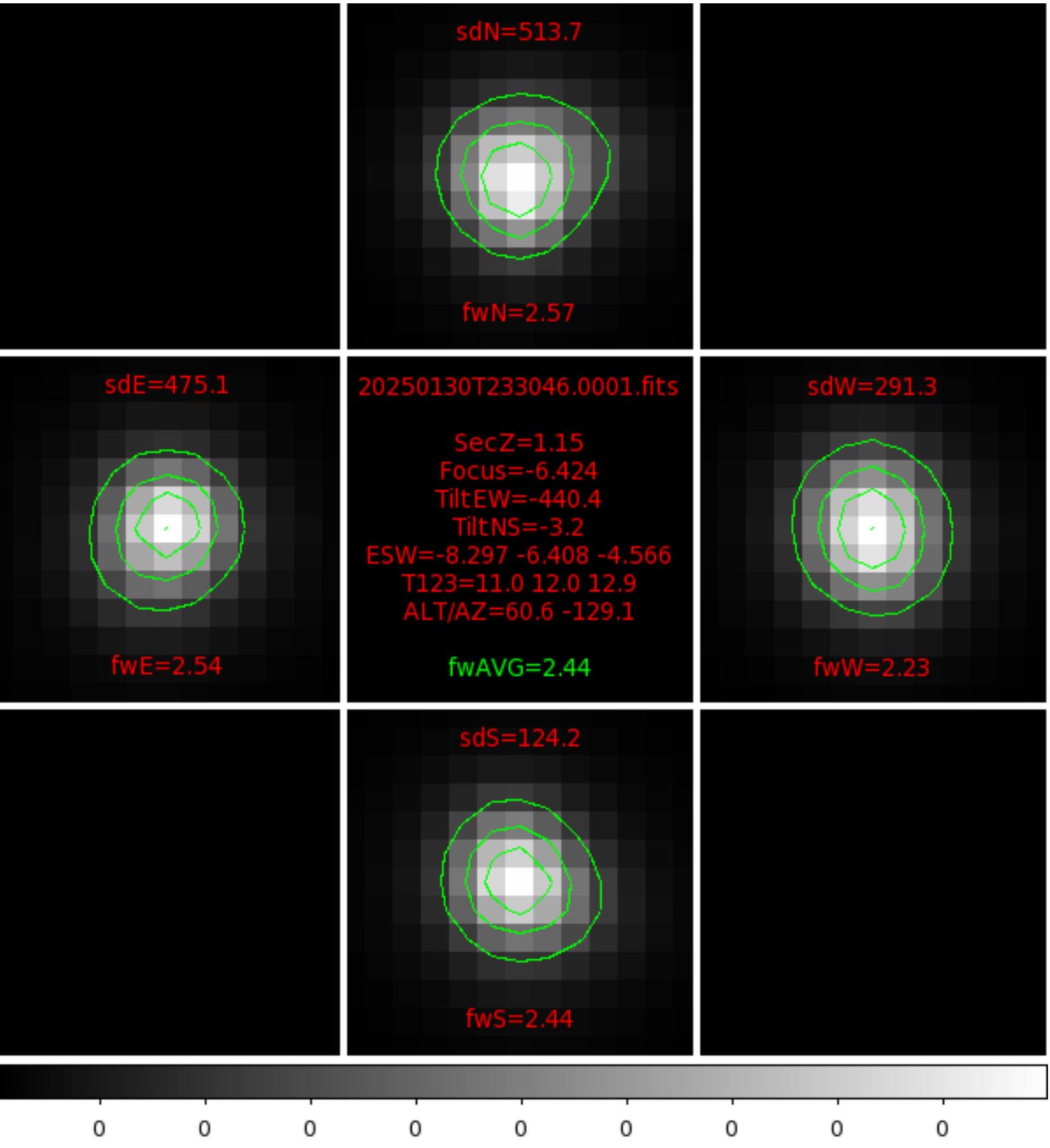
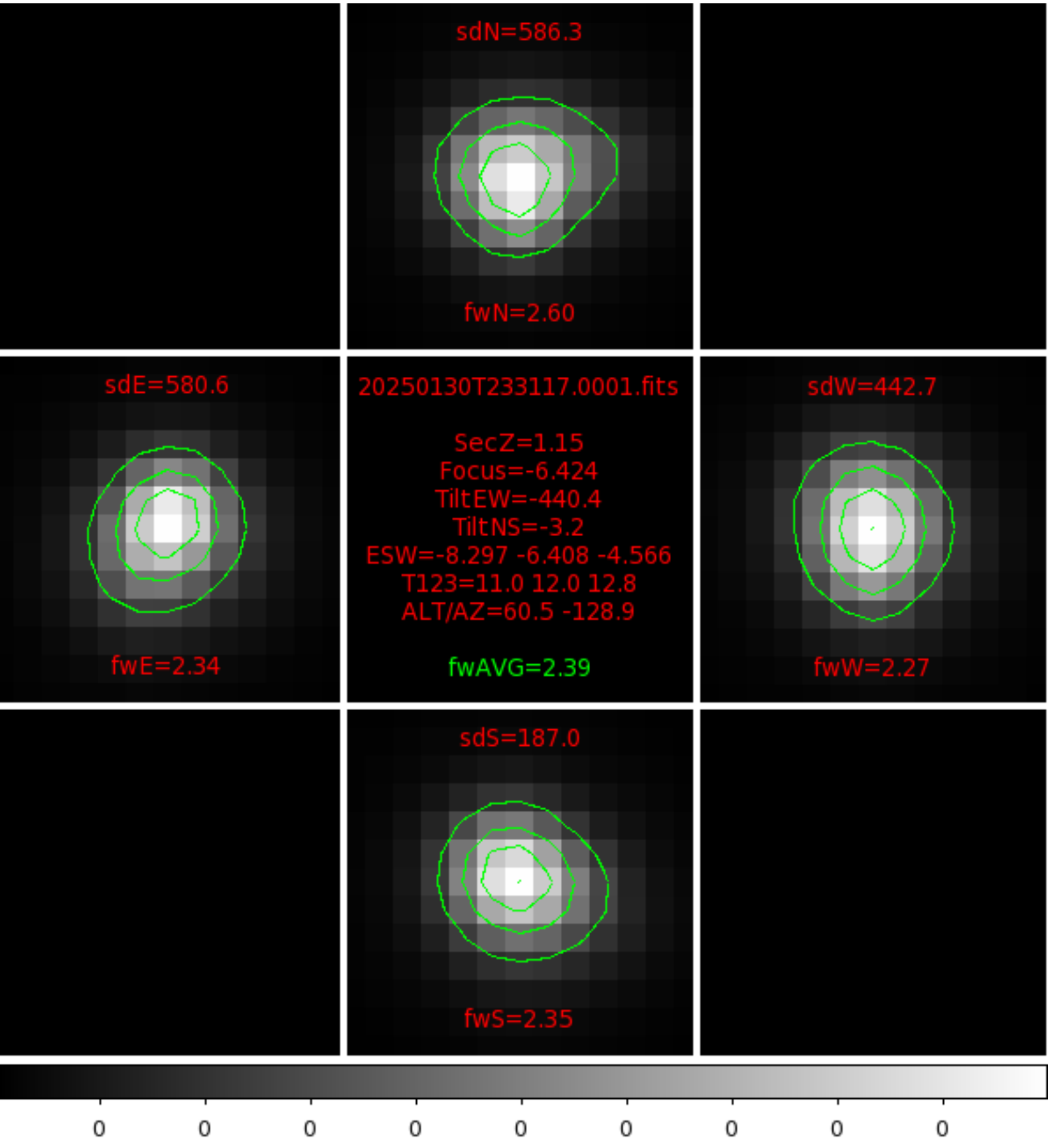
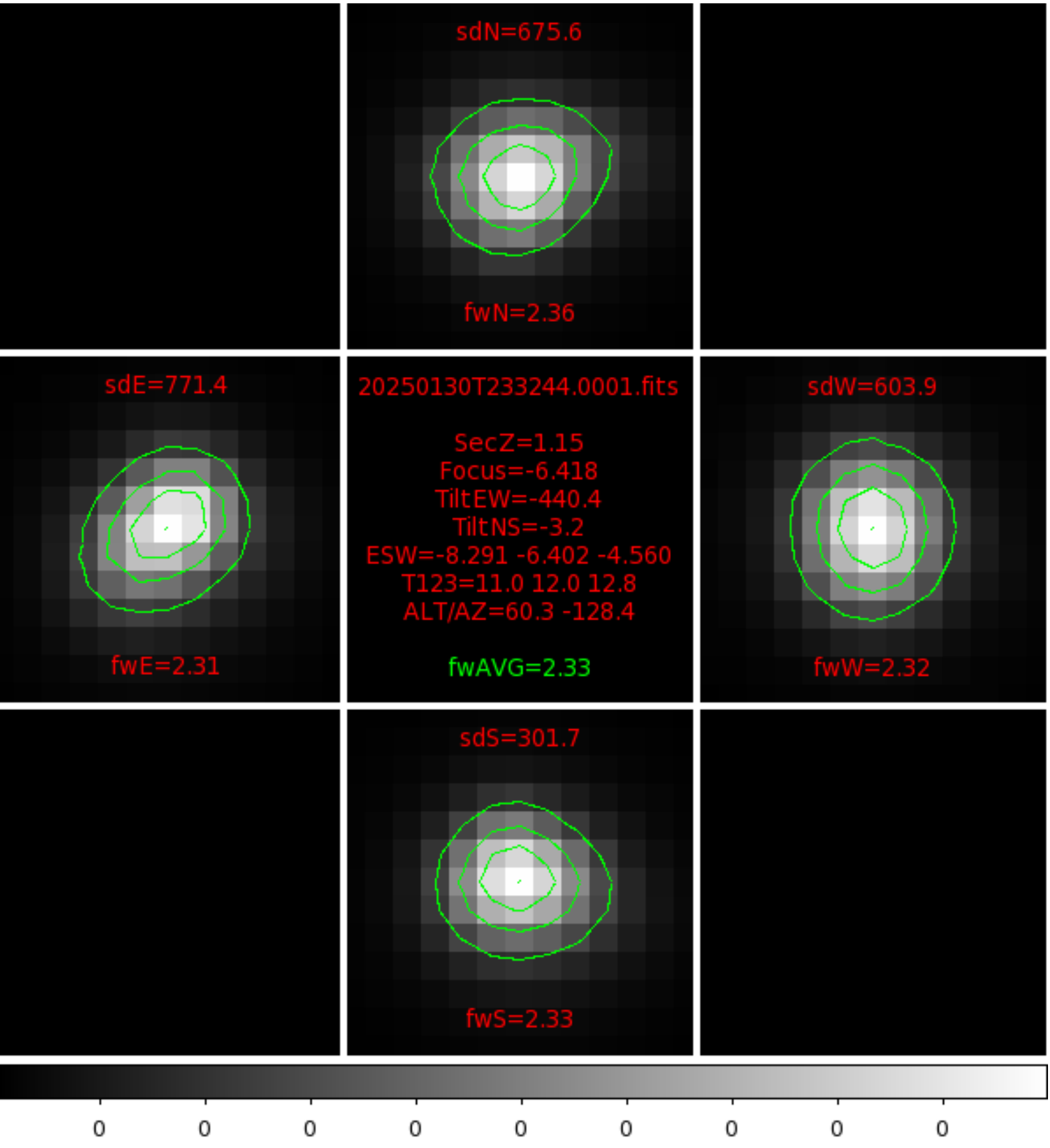
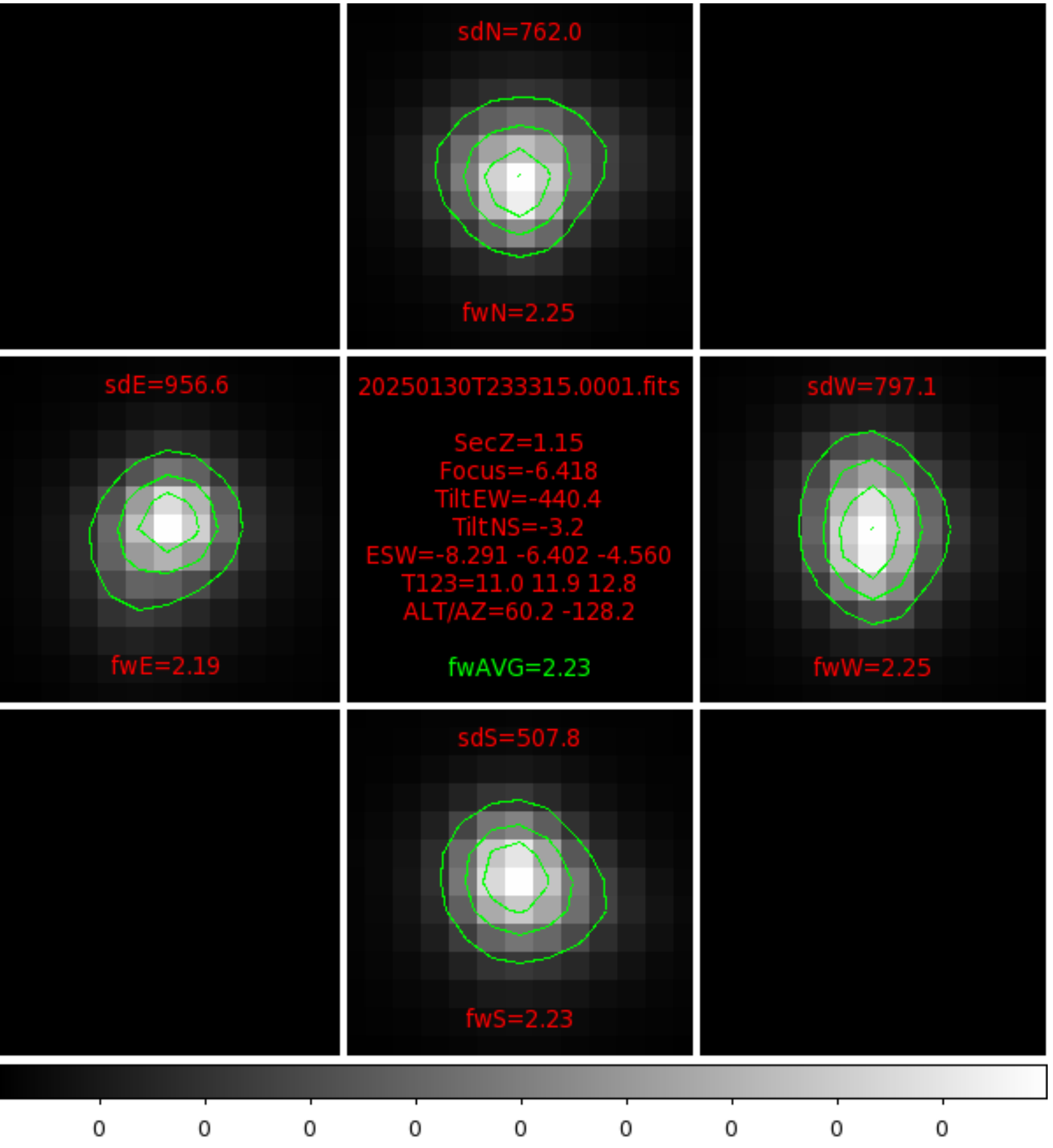

sdN=513.7
fwN=2.57
sdE=475.1
fwE=2.54
20250130T233046.0001.fits
SecZ=1.15
Focus=-6.424
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.297 -6.408 -4.566
T123=11.0 12.0 12.9
ALT/AZ=60.6 -129.1
fwAVG=2.44
sdW=291.3
fwW=2.23
sdS=124.2
fwS=2.44
0 0 0 0 0 0 0 0 0


sdN=586.3
fwN=2.60
sdE=580.6
fwE=2.34
20250130T233117.0001.fits
SecZ=1.15
Focus=-6.424
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.297 -6.408 -4.566
T123=11.0 12.0 12.8
ALT/AZ=60.5 -128.9
fwAVG=2.39
sdW=442.7
fwW=2.27
sdS=187.0
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=675.6
fwN=2.36
sdE=771.4
fwE=2.31
20250130T233244.0001.fits
SecZ=1.15
Focus=-6.418
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.291 -6.402 -4.560
T123=11.0 12.0 12.8
ALT/AZ=60.3 -128.4
fwAVG=2.33
sdW=603.9
fwW=2.32
sdS=301.7
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=762.0
fwN=2.25
sdE=956.6
fwE=2.19
20250130T233315.0001.fits
SecZ=1.15
Focus=-6.418
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.291 -6.402 -4.560
T123=11.0 11.9 12.8
ALT/AZ=60.2 -128.2
fwAVG=2.23
sdW=797.1
fwW=2.25
sdS=507.8
fwS=2.23
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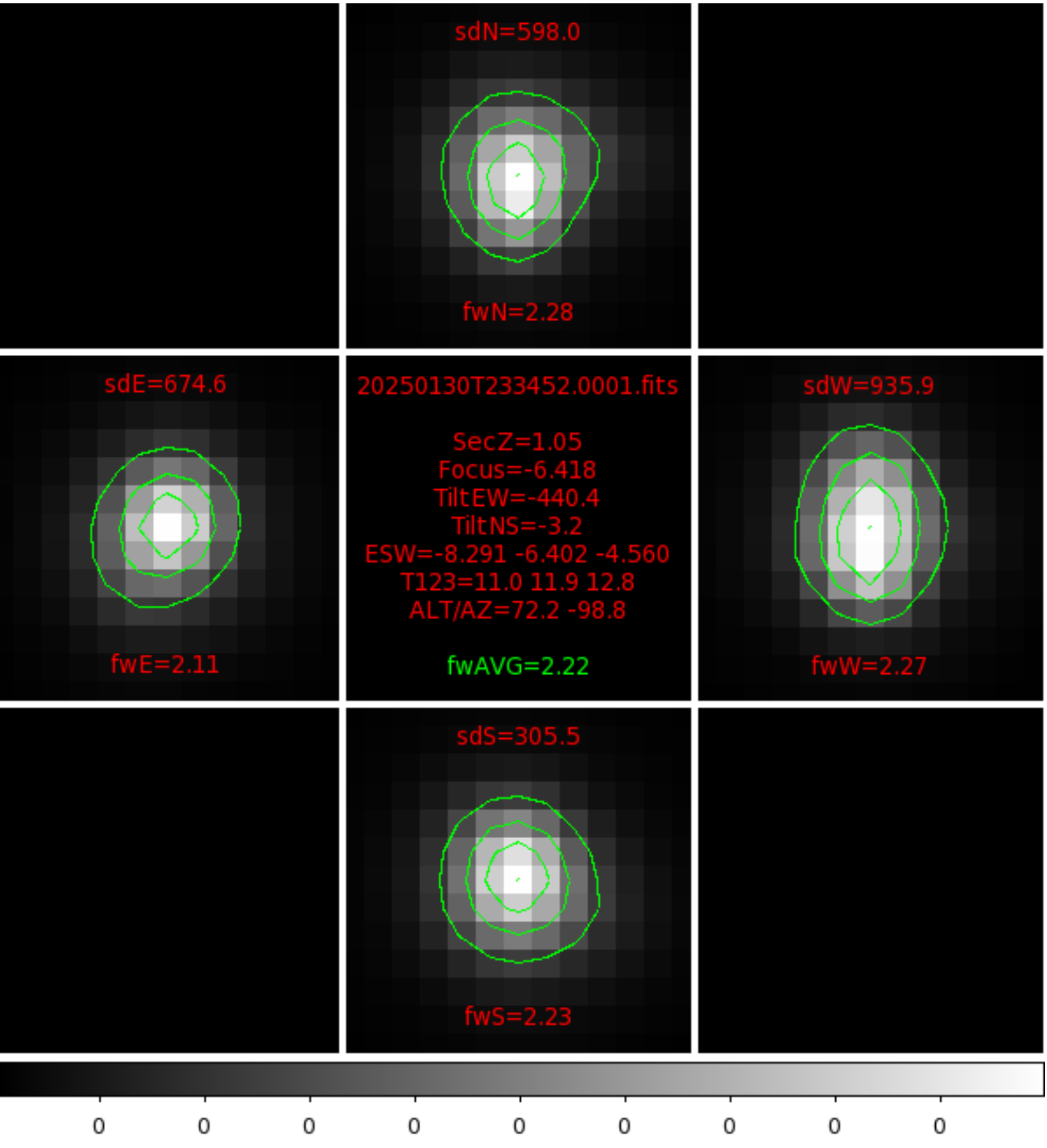
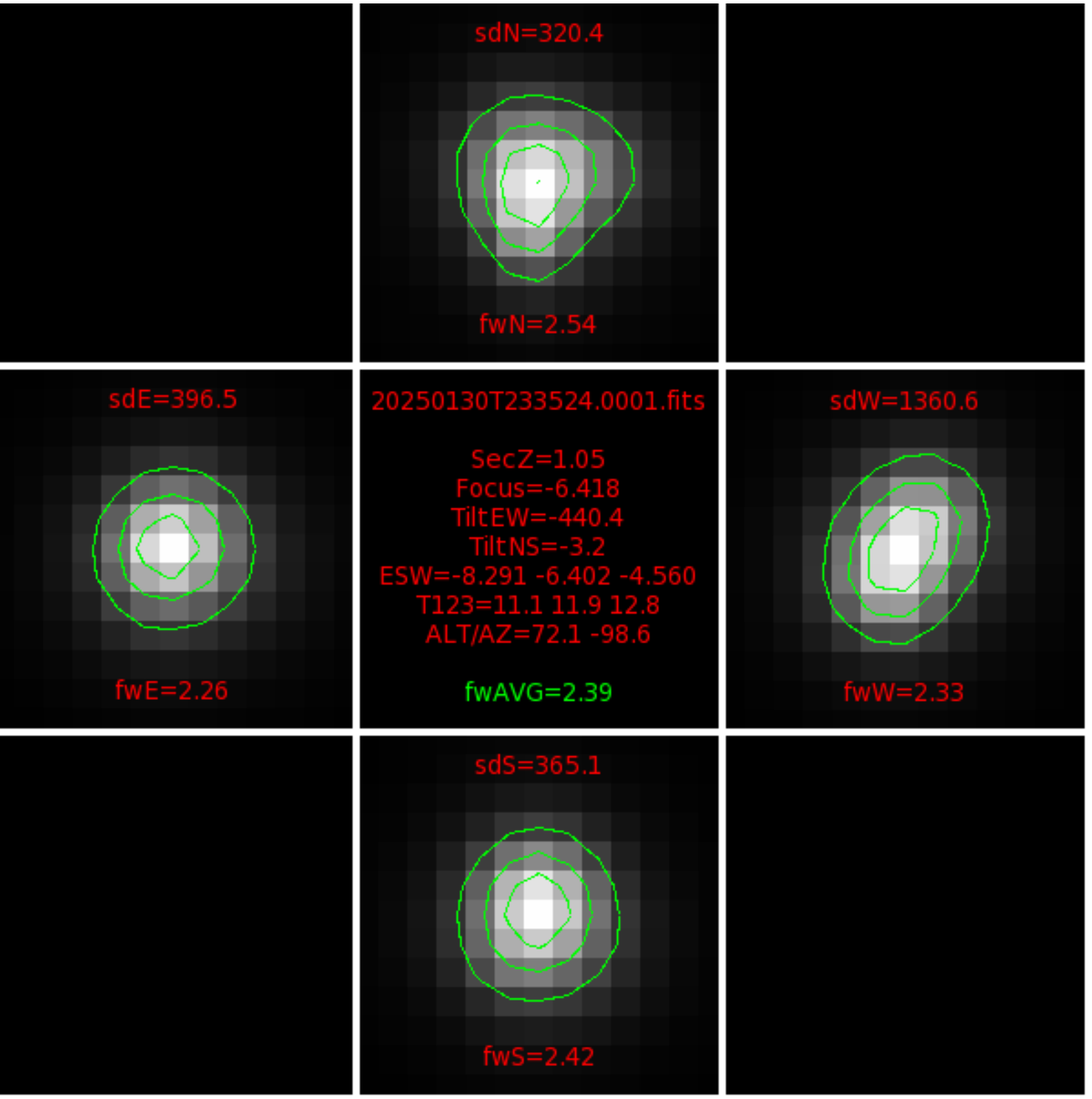

sdN=598.0
fwN=2.28
sdE=674.6
fwE=2.11
20250130T233452.0001.fits
SecZ=1.05
Focus=-6.418
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.291 -6.402 -4.560
T123=11.0 11.9 12.8
ALT/AZ=72.2 -98.8
fwAVG=2.22
sdW=935.9
fwW=2.27
sdS=305.5
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=320.4
fwN=2.54
sdE=396.5
fwE=2.26
20250130T233524.0001.fits
SecZ=1.05
Focus=-6.418
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.291 -6.402 -4.560
T123=11.1 11.9 12.8
ALT/AZ=72.1 -98.6
fwAVG=2.39
sdW=1360.6
fwW=2.33
sdS=365.1
fwS=2.42
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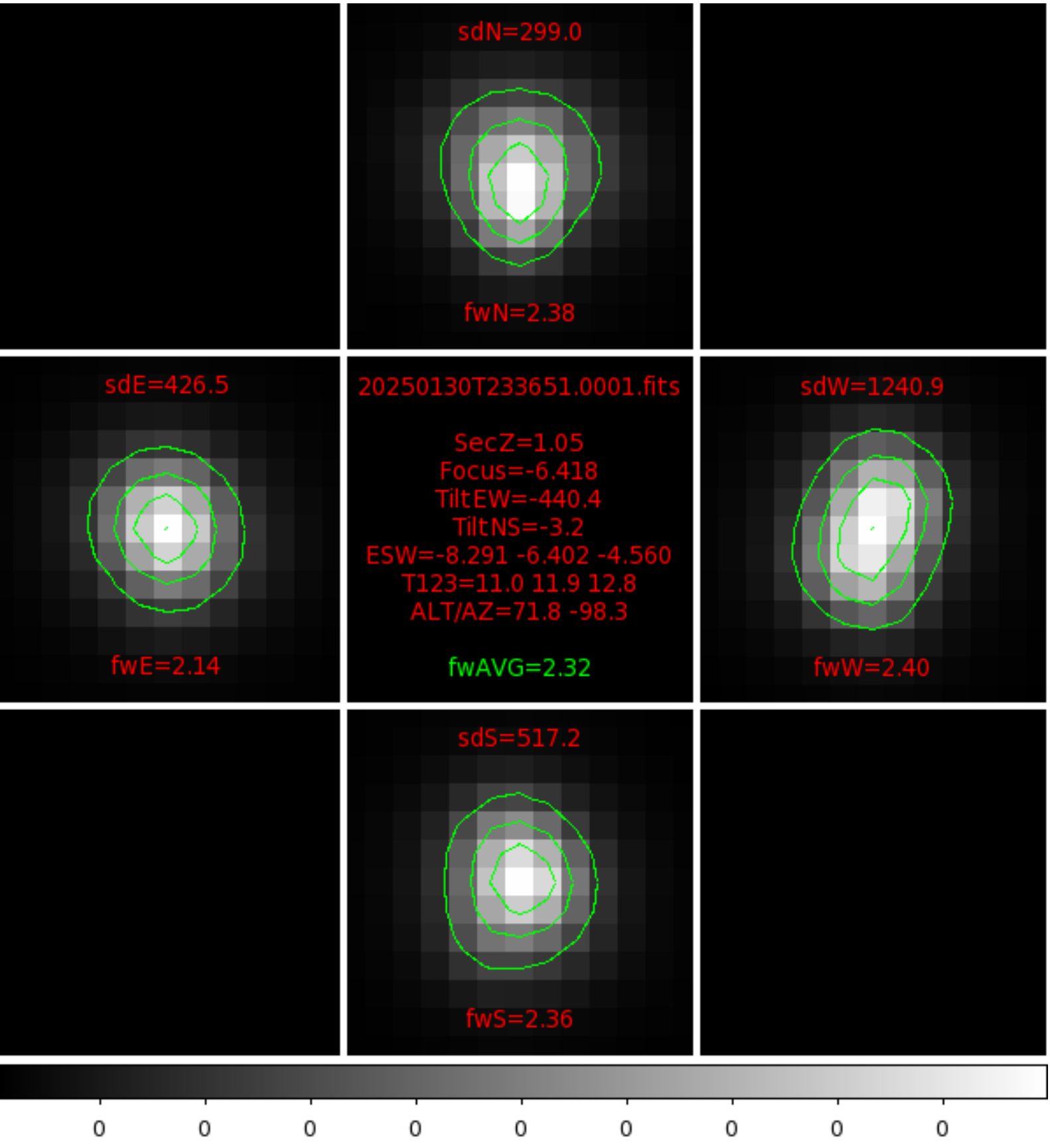
sdN=299.0
fwN=2.38
sdE=426.5
fwE=2.14
20250130T233651.0001.fits
SecZ=1.05
Focus=-6.418
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.291 -6.402 -4.560
T123=11.0 11.9 12.8
ALT/AZ=71.8 -98.3
fwAVG=2.32
sdW=1240.9
fwW=2.40
sdS=517.2
fwS=2.36
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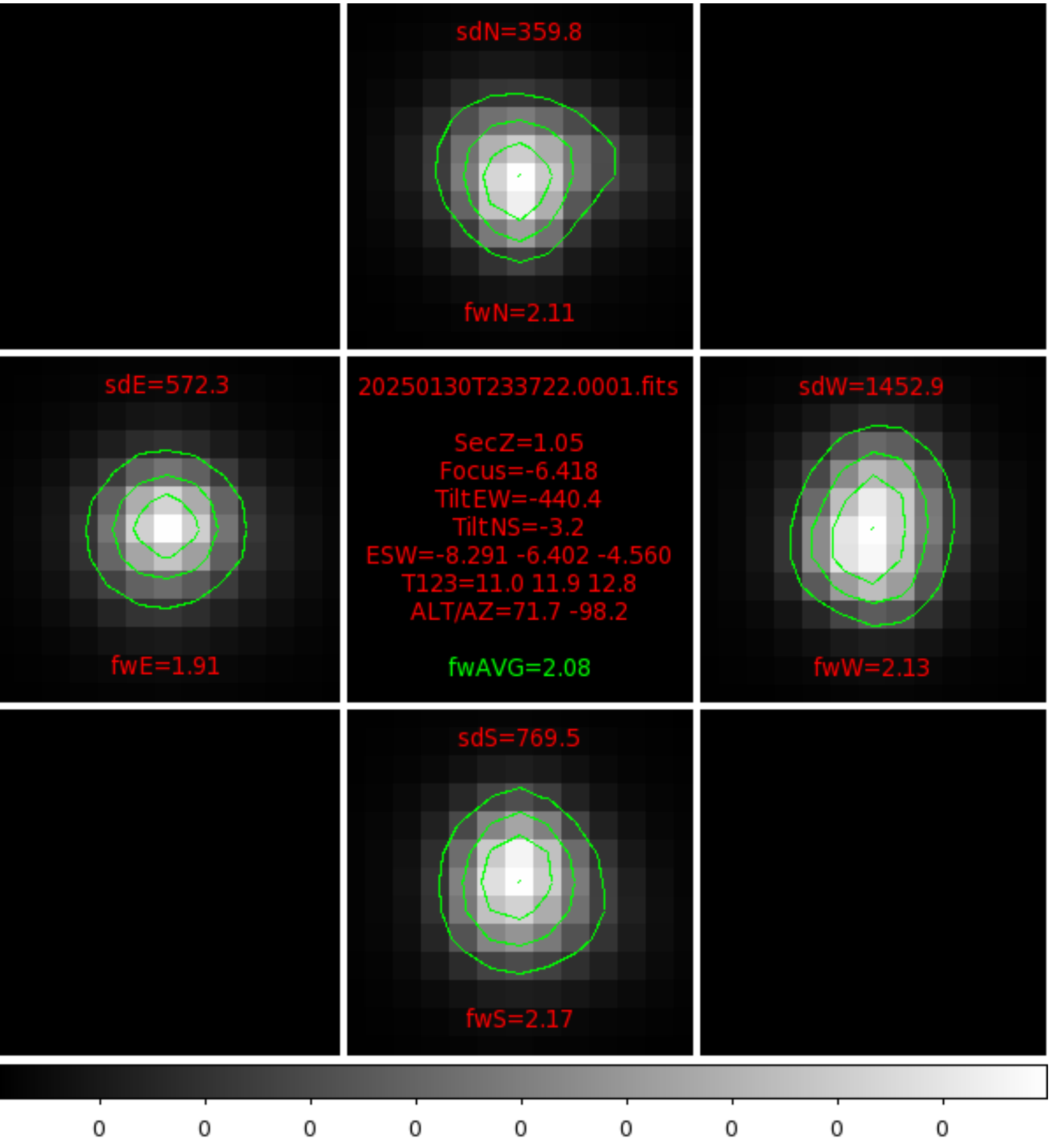
sdN=359.8
fwN=2.11
sdE=572.3
fwE=1.91
20250130T233722.0001.fits
SecZ=1.05
Focus=-6.418
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.291 -6.402 -4.560
T123=11.0 11.9 12.8
ALT/AZ=71.7 -98.2
fwAVG=2.08
sdW=1452.9
fwW=2.13
sdS=769.5
fwS=2.17
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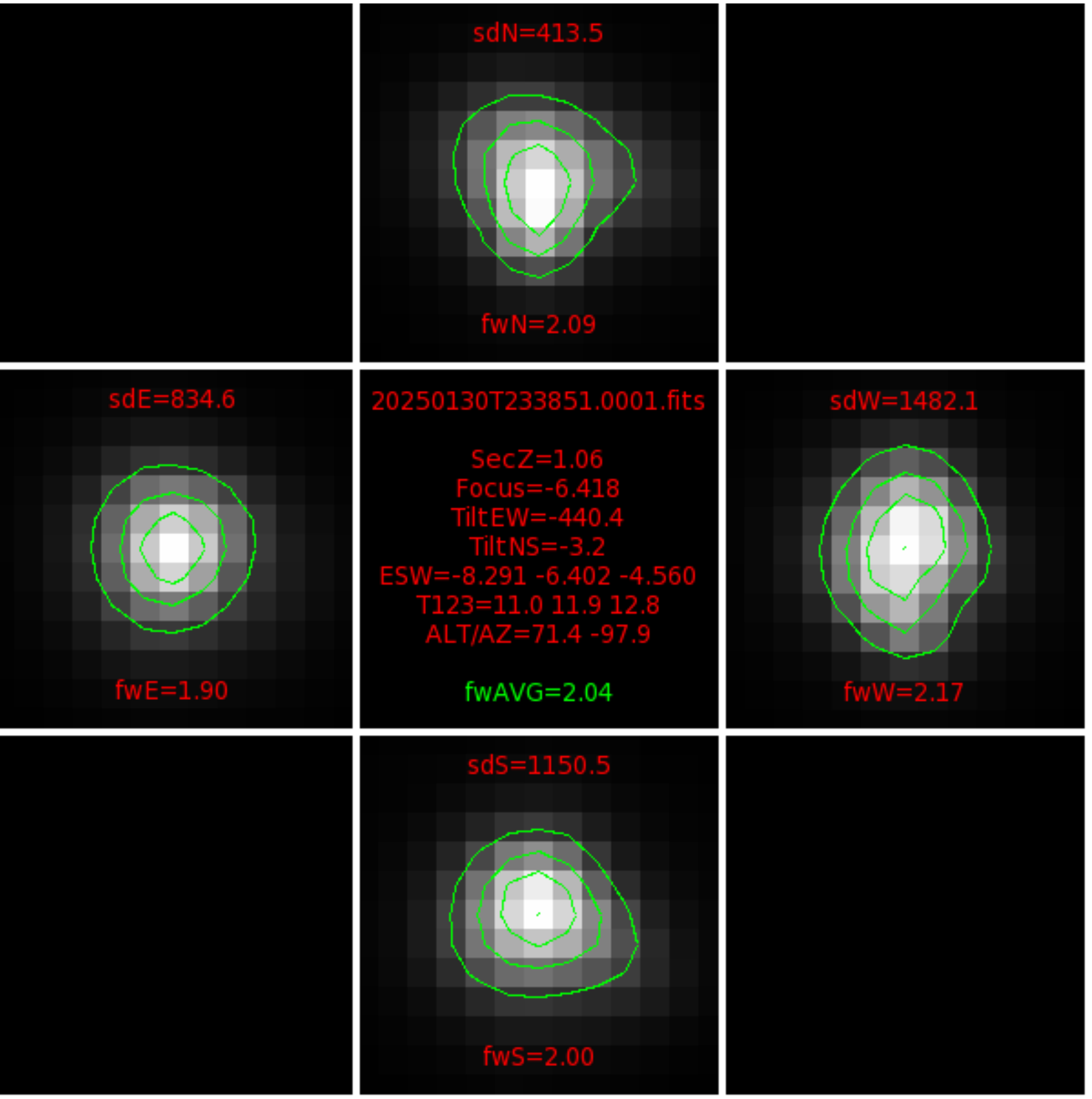
sdN=413.5
fwN=2.09
sdE=834.6
fwE=1.90
20250130T233851.0001.fits
SecZ=1.06
Focus=-6.418
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.291 -6.402 -4.560
T123=11.0 11.9 12.8
ALT/AZ=71.4 -97.9
fwAVG=2.04
sdW=1482.1
fwW=2.17
sdS=1150.5
fwS=2.00
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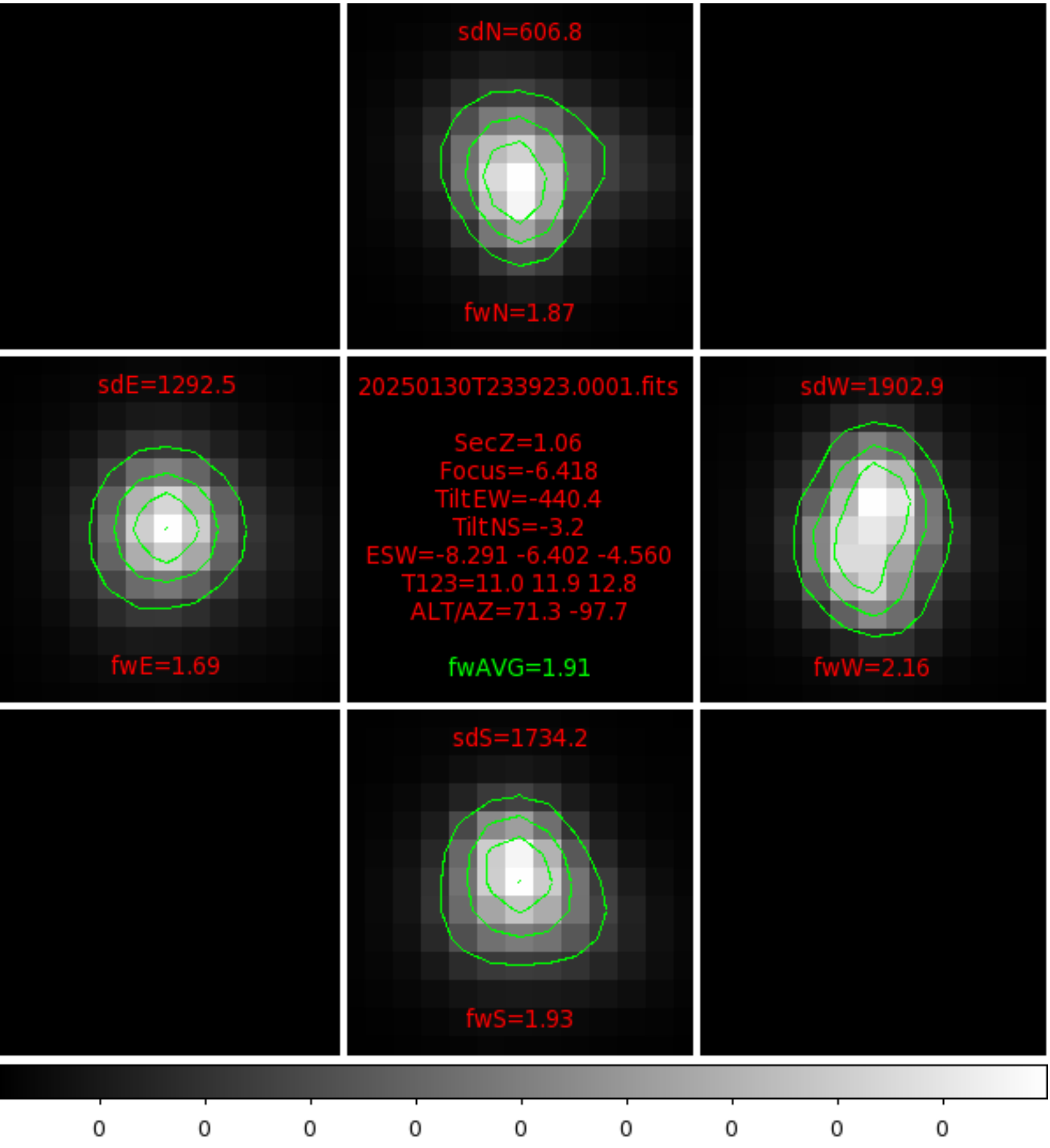
sdN=606.8
fwN=1.87
sdE=1292.5
fwE=1.69
20250130T233923.0001.fits
SecZ=1.06
Focus=-6.418
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.291 -6.402 -4.560
T123=11.0 11.9 12.8
ALT/AZ=71.3 -97.7
fwAVG=1.91
sdW=1902.9
fwW=2.16
sdS=1734.2
fwS=1.93
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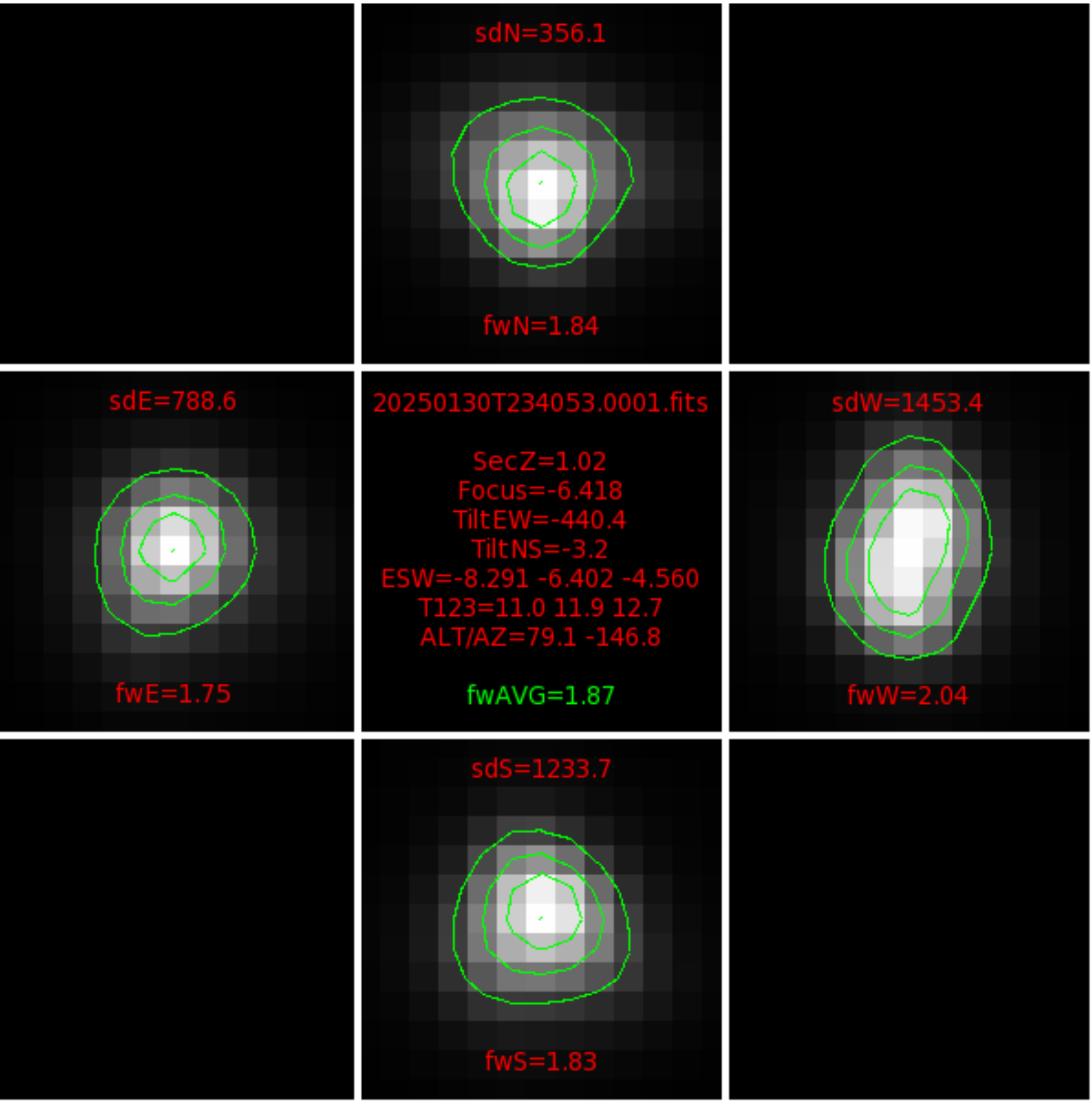
sdN=356.1
fwN=1.84
sdE=788.6
fwE=1.75
20250130T234053.0001.fits
SecZ=1.02
Focus=-6.418
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.291 -6.402 -4.560
T123=11.0 11.9 12.7
ALT/AZ=79.1 -146.8
fwAVG=1.87
sdW=1453.4
fwW=2.04
sdS=1233.7
fwS=1.83
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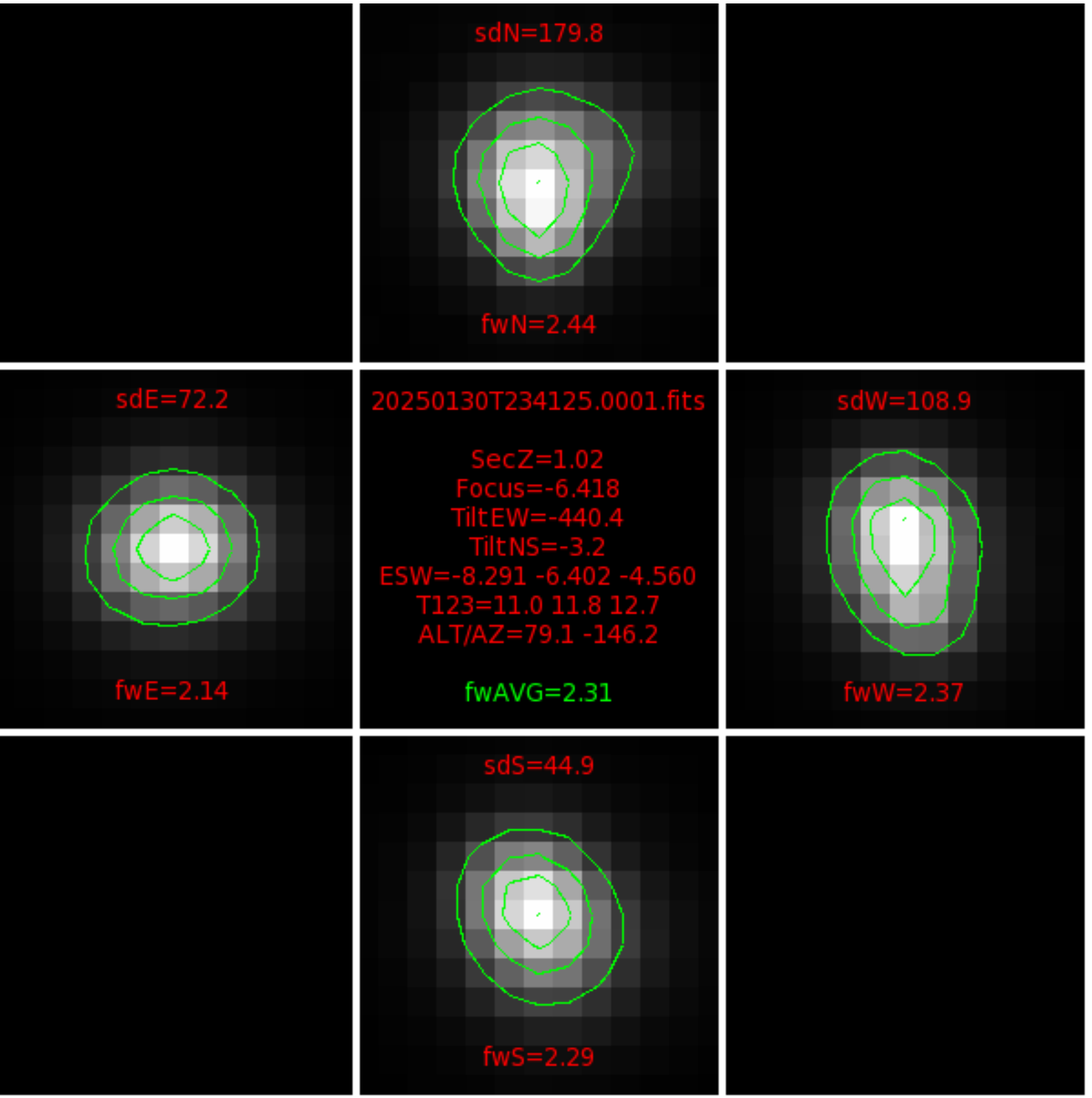
sdN=179.8
fwN=2.44
sdE=72.2
fwE=2.14
20250130T234125.0001.fits
SecZ=1.02
Focus=-6.418
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.291 -6.402 -4.560
T123=11.0 11.8 12.7
ALT/AZ=79.1 -146.2
fwAVG=2.31
sdW=108.9
fwW=2.37
sdS=44.9
fwS=2.29
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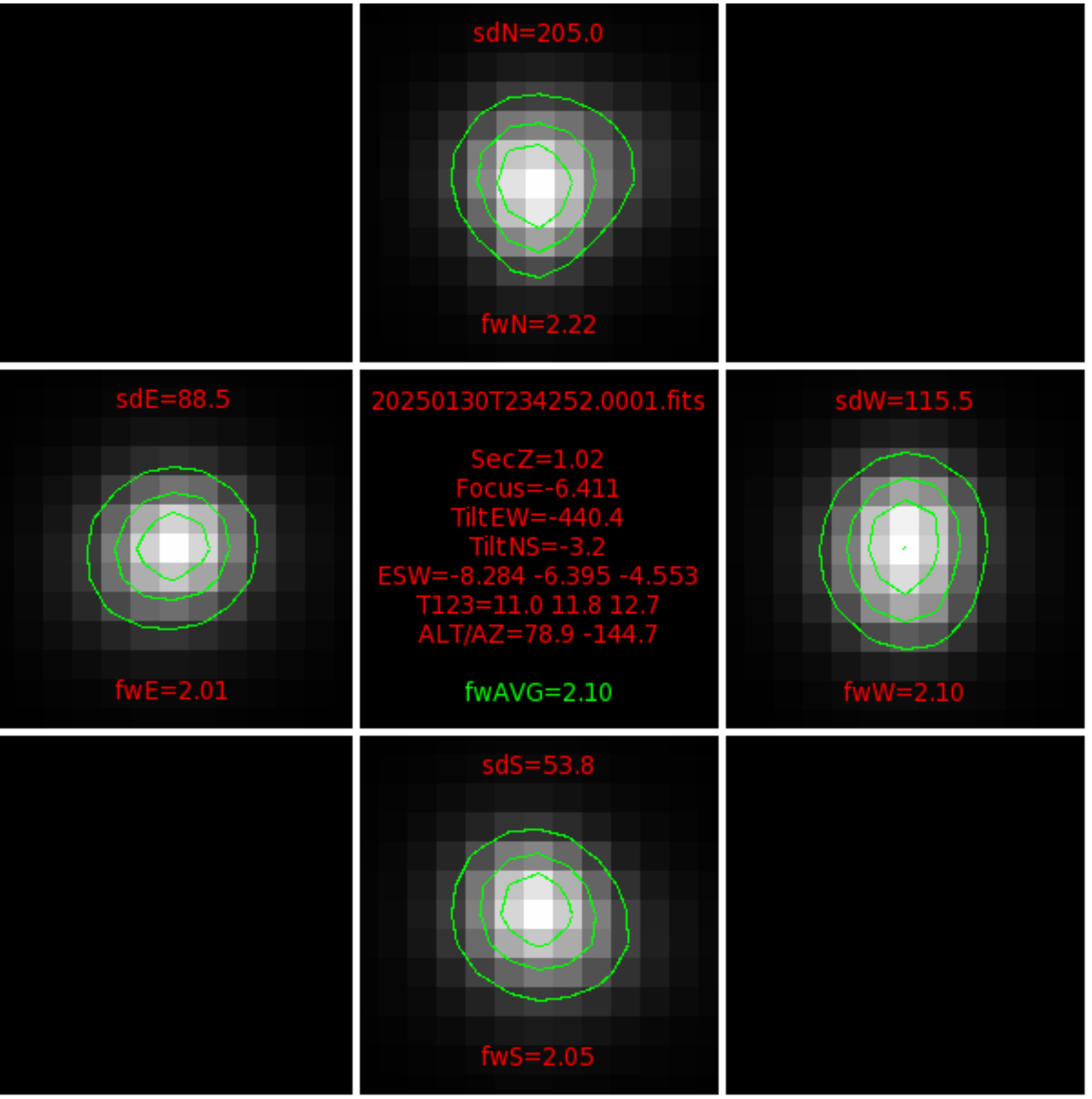
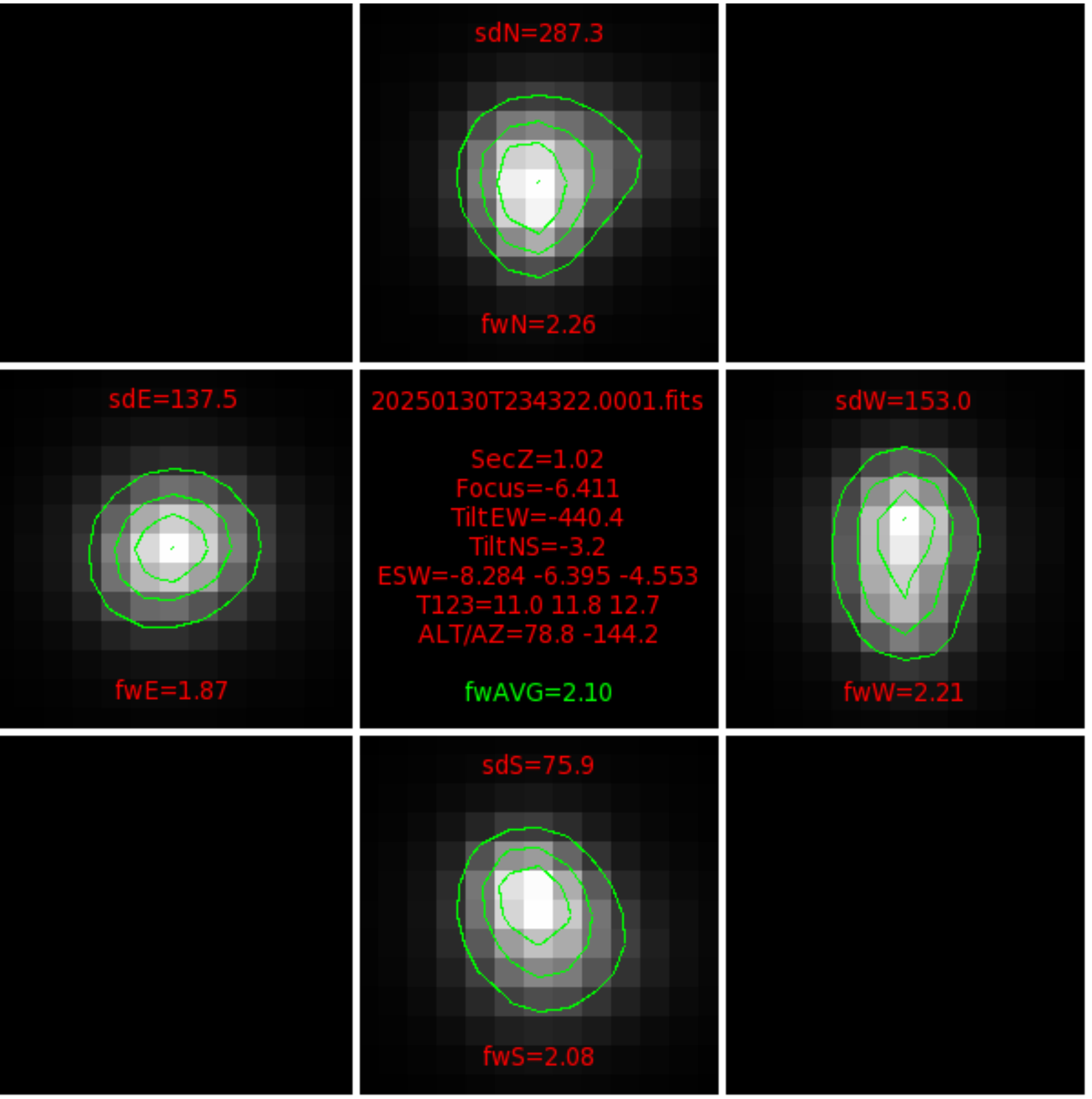

sdN=205.0
fwN=2.22
sdE=88.5
fwE=2.01
20250130T234252.0001.fits
SecZ=1.02
Focus=-6.411
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.284 -6.395 -4.553
T123=11.0 11.8 12.7
ALT/AZ=78.9 -144.7
fwAVG=2.10
sdW=115.5
fwW=2.10
sdS=53.8
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=287.3
fwN=2.26
sdE=137.5
fwE=1.87
20250130T234322.0001.fits
SecZ=1.02
Focus=-6.411
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.284 -6.395 -4.553
T123=11.0 11.8 12.7
ALT/AZ=78.8 -144.2
fwAVG=2.10
sdW=153.0
fwW=2.21
sdS=75.9
fwS=2.08
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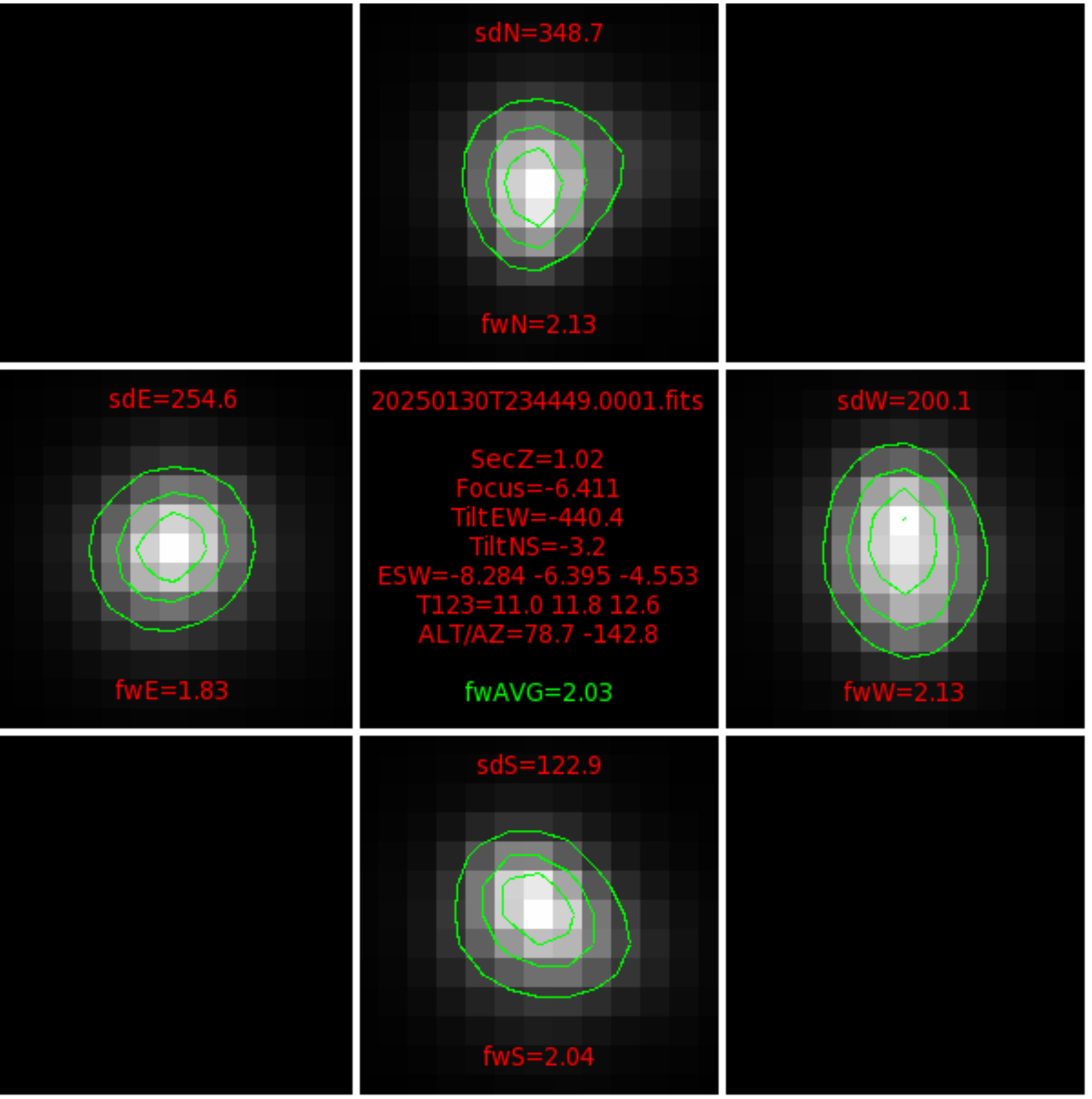
sdN=348.7
fwN=2.13
sdE=254.6
fwE=1.83
20250130T234449.0001.fits
SecZ=1.02
Focus=-6.411
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.284 -6.395 -4.553
T123=11.0 11.8 12.6
ALT/AZ=78.7 -142.8
fwAVG=2.03
sdW=200.1
fwW=2.13
sdS=122.9
fwS=2.04
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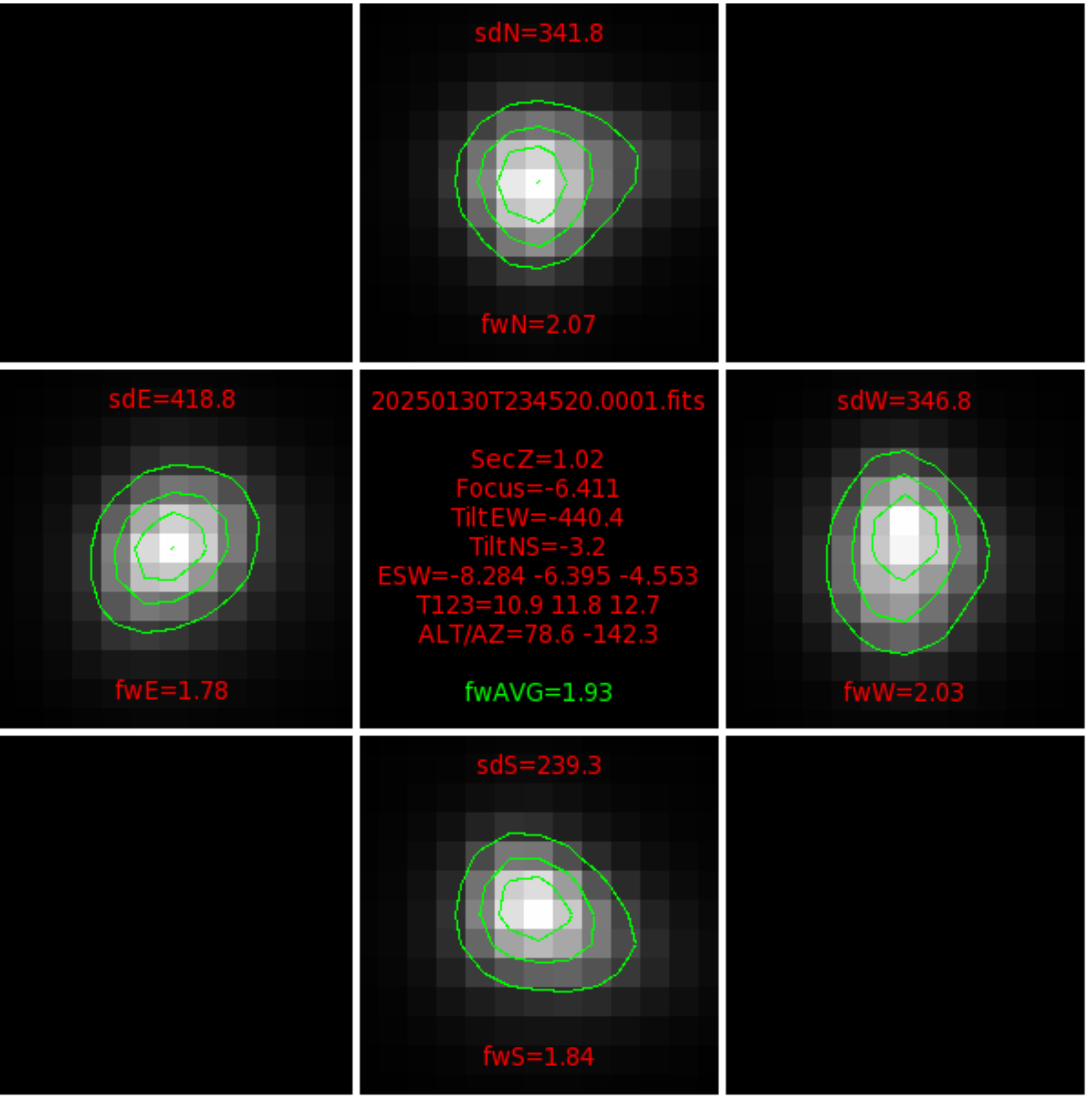
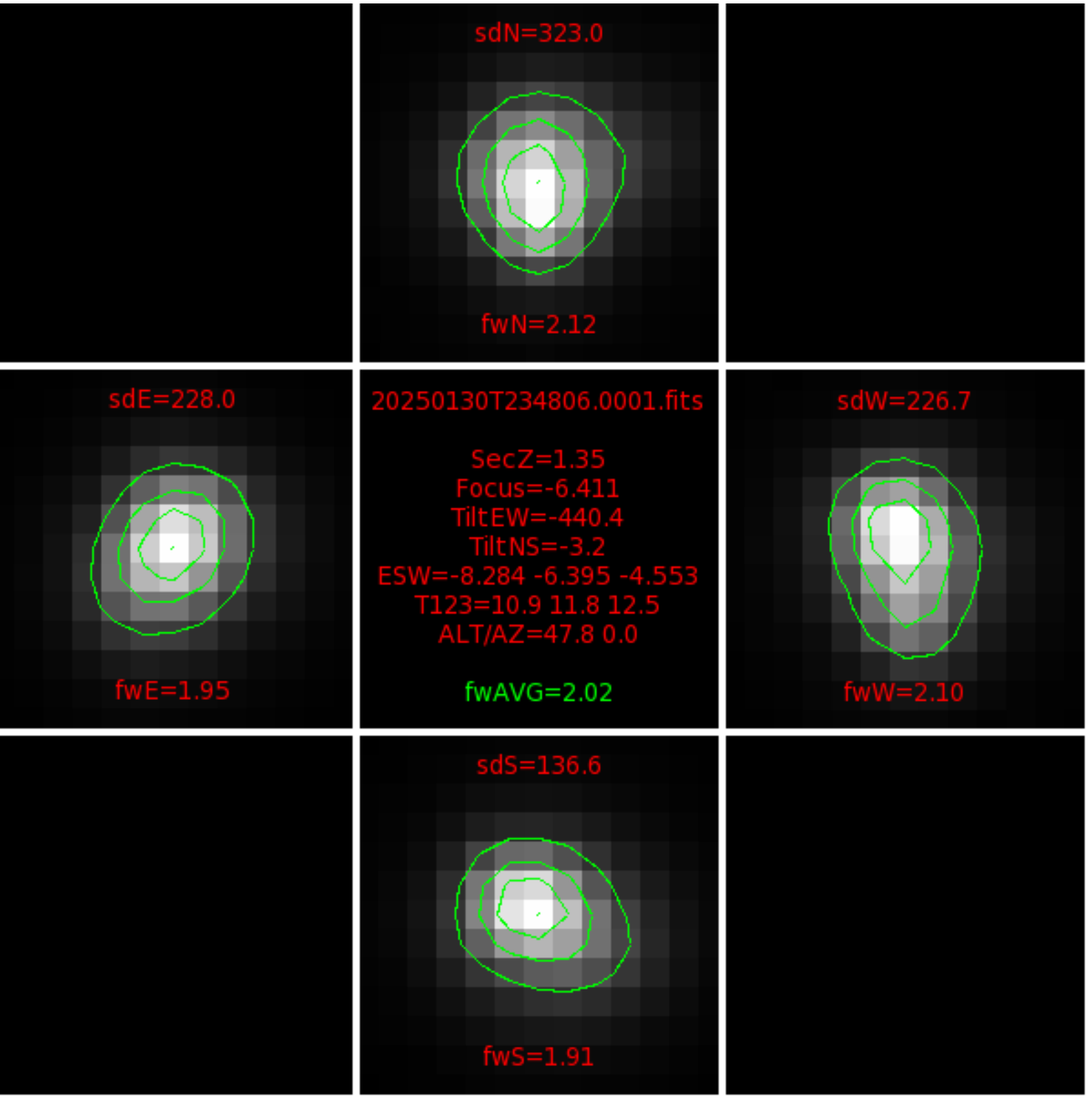
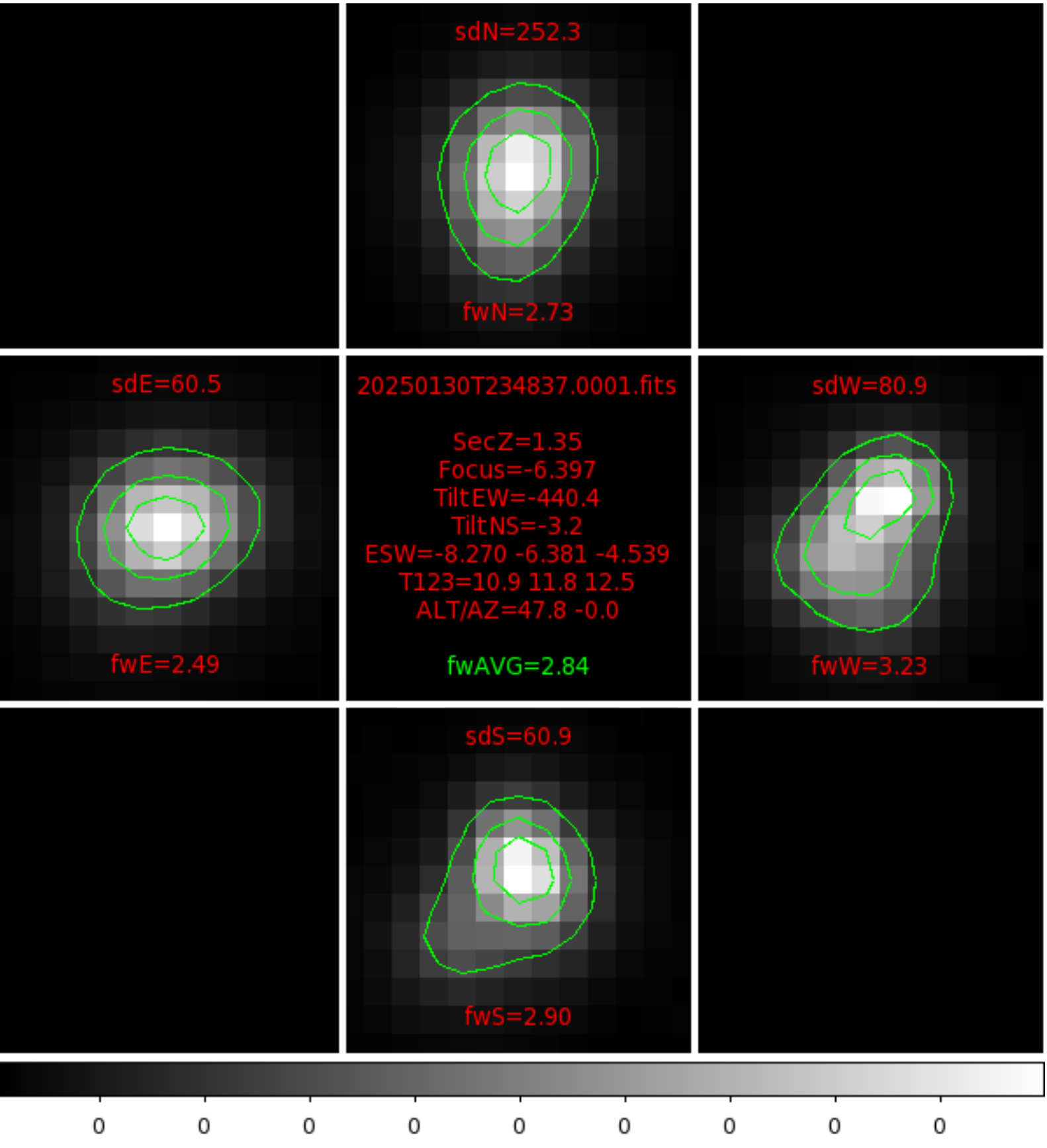
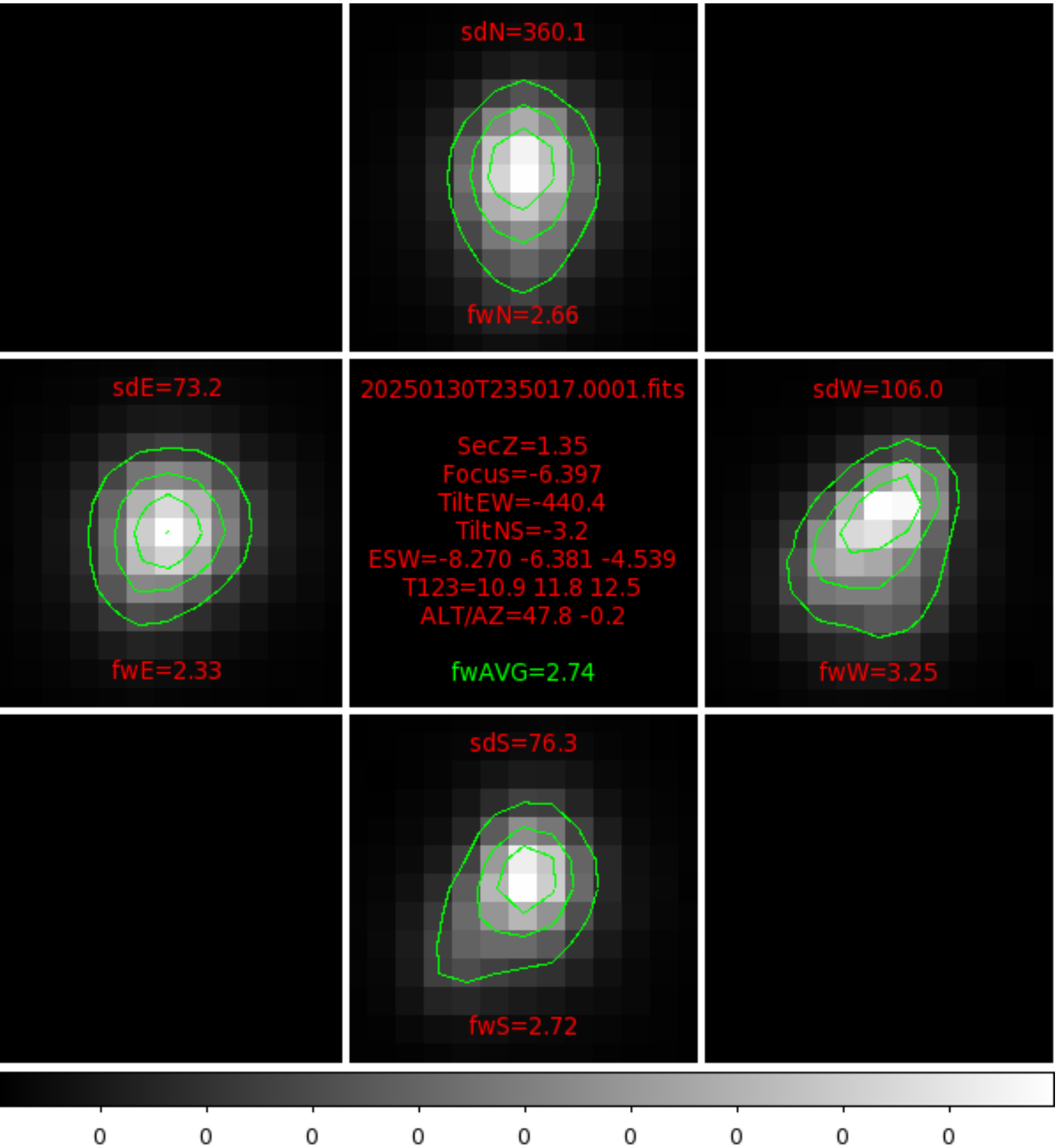
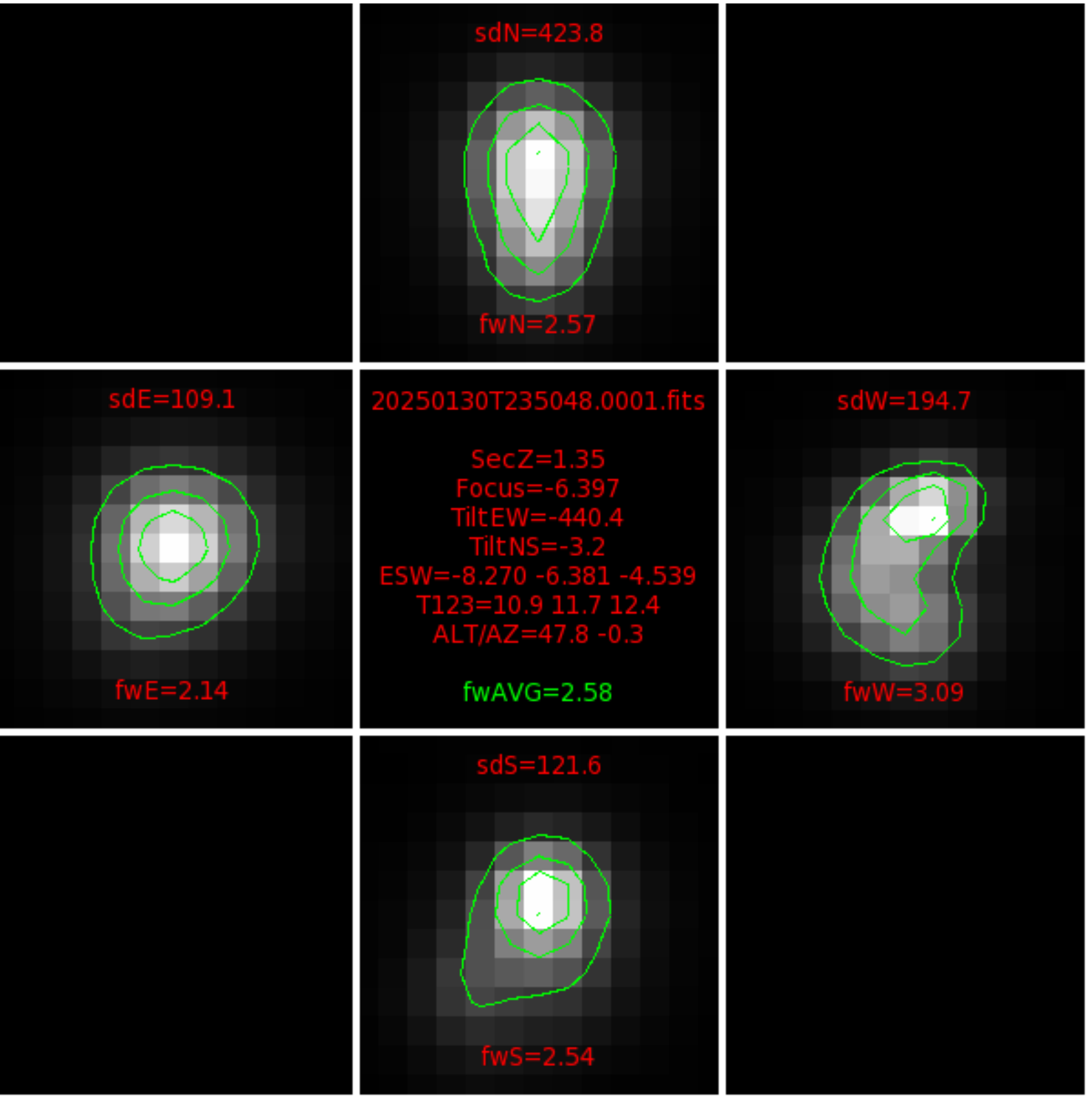
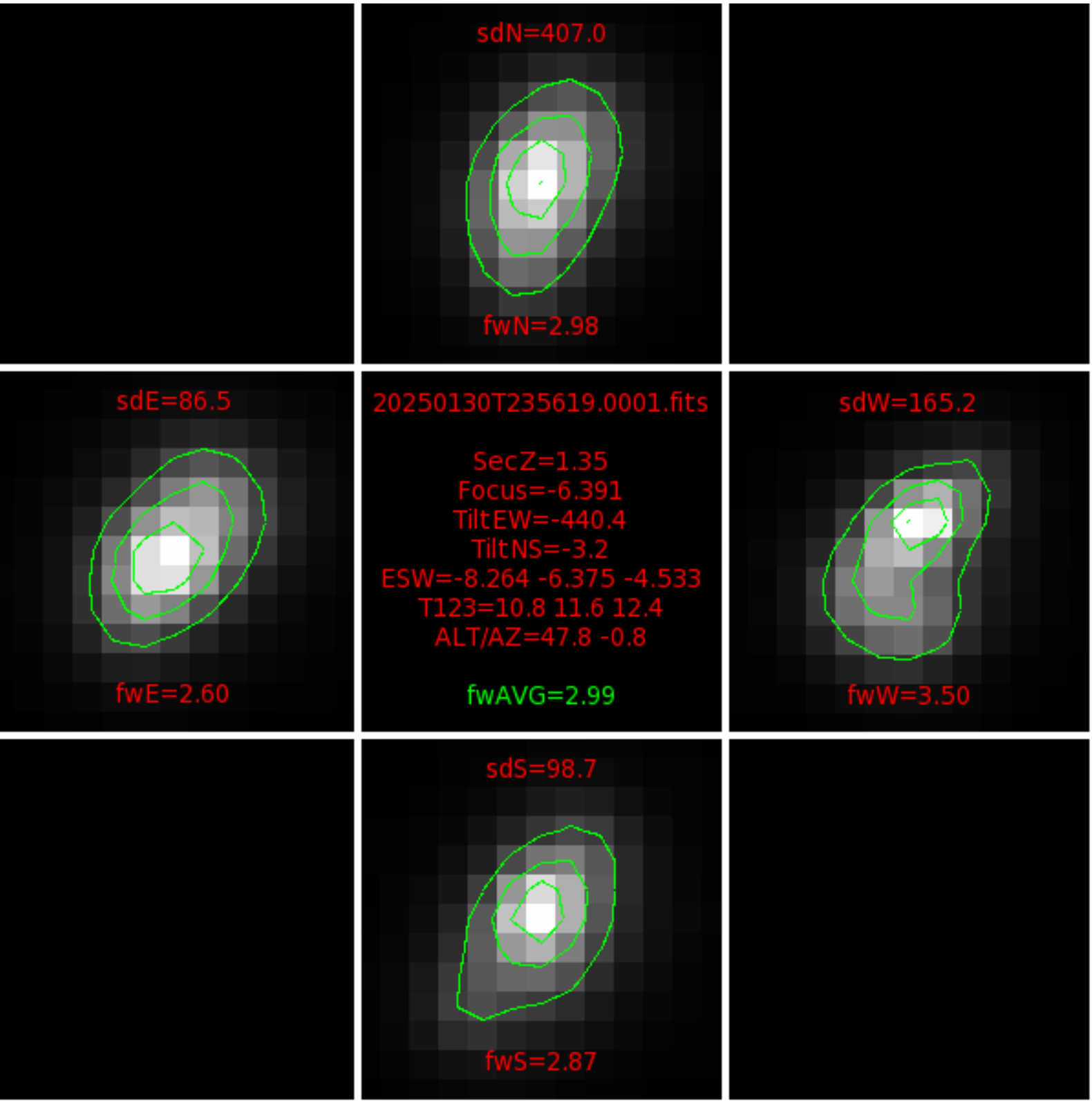

sdN=341.8
fwN=2.07
sdE=418.8
fwE=1.78
20250130T234520.0001.fits
SecZ=1.02
Focus=-6.411
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.284 -6.395 -4.553
T123=10.9 11.8 12.7
ALT/AZ=78.6 -142.3
fwAVG=1.93
sdW=346.8
fwW=2.03
sdS=239.3
fwS=1.84
0 0 0 0 0 0 0 0 0

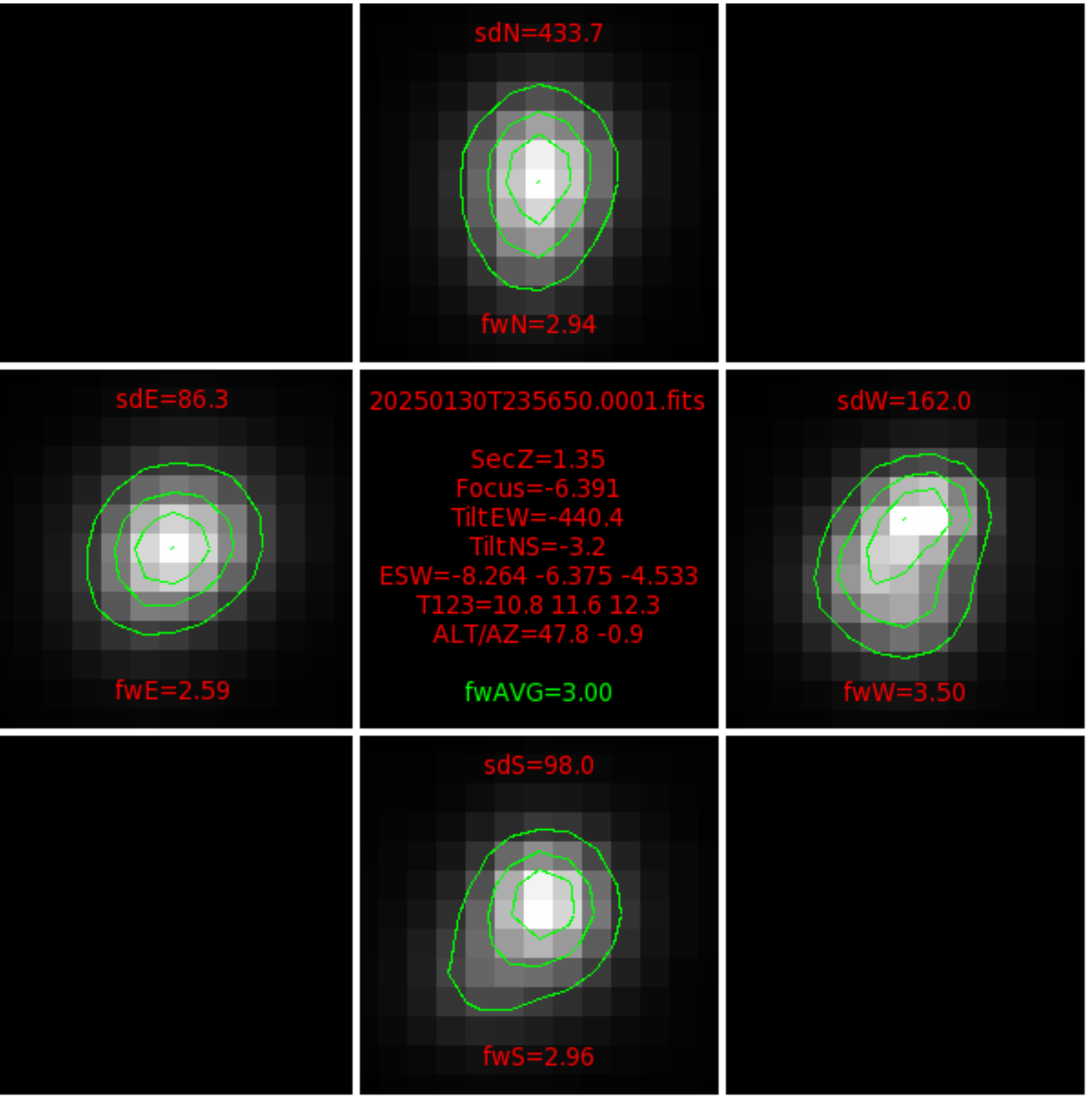

sdN=323.0
fwN=2.12
sdE=228.0
fwE=1.95
20250130T234806.0001.fits
SecZ=1.35
Focus=-6.411
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.284 -6.395 -4.553
T123=10.9 11.8 12.5
ALT/AZ=47.8 0.0
fwAVG=2.02
sdW=226.7
fwW=2.10
sdS=136.6
fwS=1.91
0 0 0 0 0 0 0 0 0

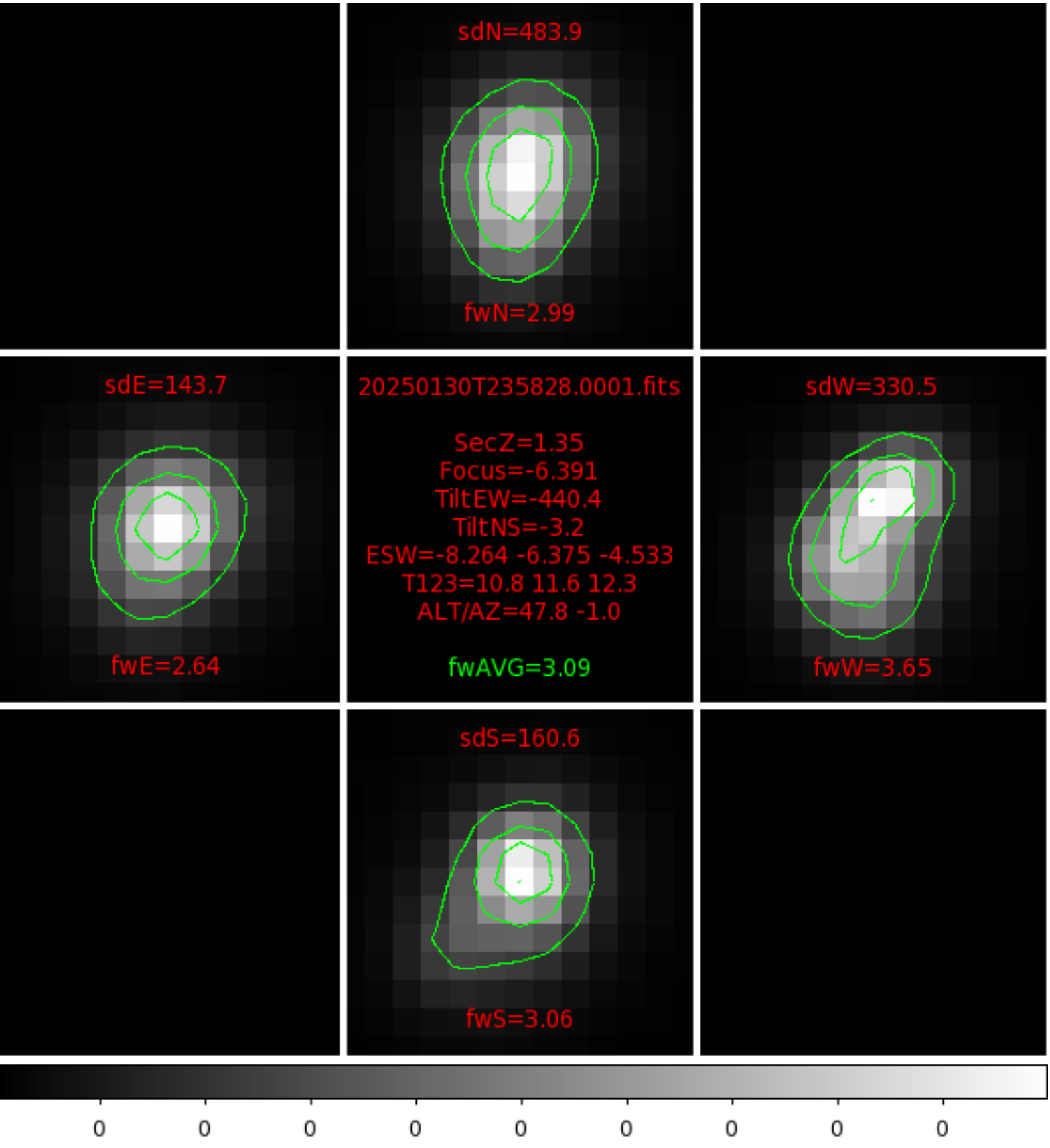

sdN=252.3
fwN=2.73
sdE=60.5
fwE=2.49
20250130T234837.0001.fits
SecZ=1.35
Focus=-6.397
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.270 -6.381 -4.539
T123=10.9 11.8 12.5
ALT/AZ=47.8 -0.0
fwAVG=2.84
sdW=80.9
fwW=3.23
sdS=60.9
fwS=2.90
0 0 0 0 0 0 0 0 0


sdN=360.1
fwN=2.66
sdE=73.2
fwE=2.33
20250130T235017.0001.fits
SecZ=1.35
Focus=-6.397
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.270 -6.381 -4.539
T123=10.9 11.8 12.5
ALT/AZ=47.8 -0.2
fwAVG=2.74
sdW=106.0
fwW=3.25
sdS=76.3
fwS=2.72
0 0 0 0 0 0 0 0 0


sdN=423.8
fwN=2.57
sdE=109.1
fwE=2.14
20250130T235048.0001.fits
SecZ=1.35
Focus=-6.397
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.270 -6.381 -4.539
T123=10.9 11.7 12.4
ALT/AZ=47.8 -0.3
fwAVG=2.58
sdW=194.7
fwW=3.09
sdS=121.6
fwS=2.54
0 0 0 0 0 0 0 0 0


sdN=407.0
fwN=2.98
sdE=86.5
fwE=2.60
20250130T235619.0001.fits
SecZ=1.35
Focus=-6.391
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.264 -6.375 -4.533
T123=10.8 11.6 12.4
ALT/AZ=47.8 -0.8
fwAVG=2.99
sdW=165.2
fwW=3.50
sdS=98.7
fwS=2.87
0 0 0 0 0 0 0 0 0


sdN=433.7
fwN=2.94
sdE=86.3
fwE=2.59
20250130T235650.0001.fits
SecZ=1.35
Focus=-6.391
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.264 -6.375 -4.533
T123=10.8 11.6 12.3
ALT/AZ=47.8 -0.9
fwAVG=3.00
sdW=162.0
fwW=3.50
sdS=98.0
fwS=2.96
0 0 0 0 0 0 0 0 0


sdN=483.9
fwN=2.99
sdE=143.7
fwE=2.64
20250130T235828.0001.fits
SecZ=1.35
Focus=-6.391
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.264 -6.375 -4.533
T123=10.8 11.6 12.3
ALT/AZ=47.8 -1.0
fwAVG=3.09
sdW=330.5
fwW=3.65
sdS=160.6
fwS=3.06
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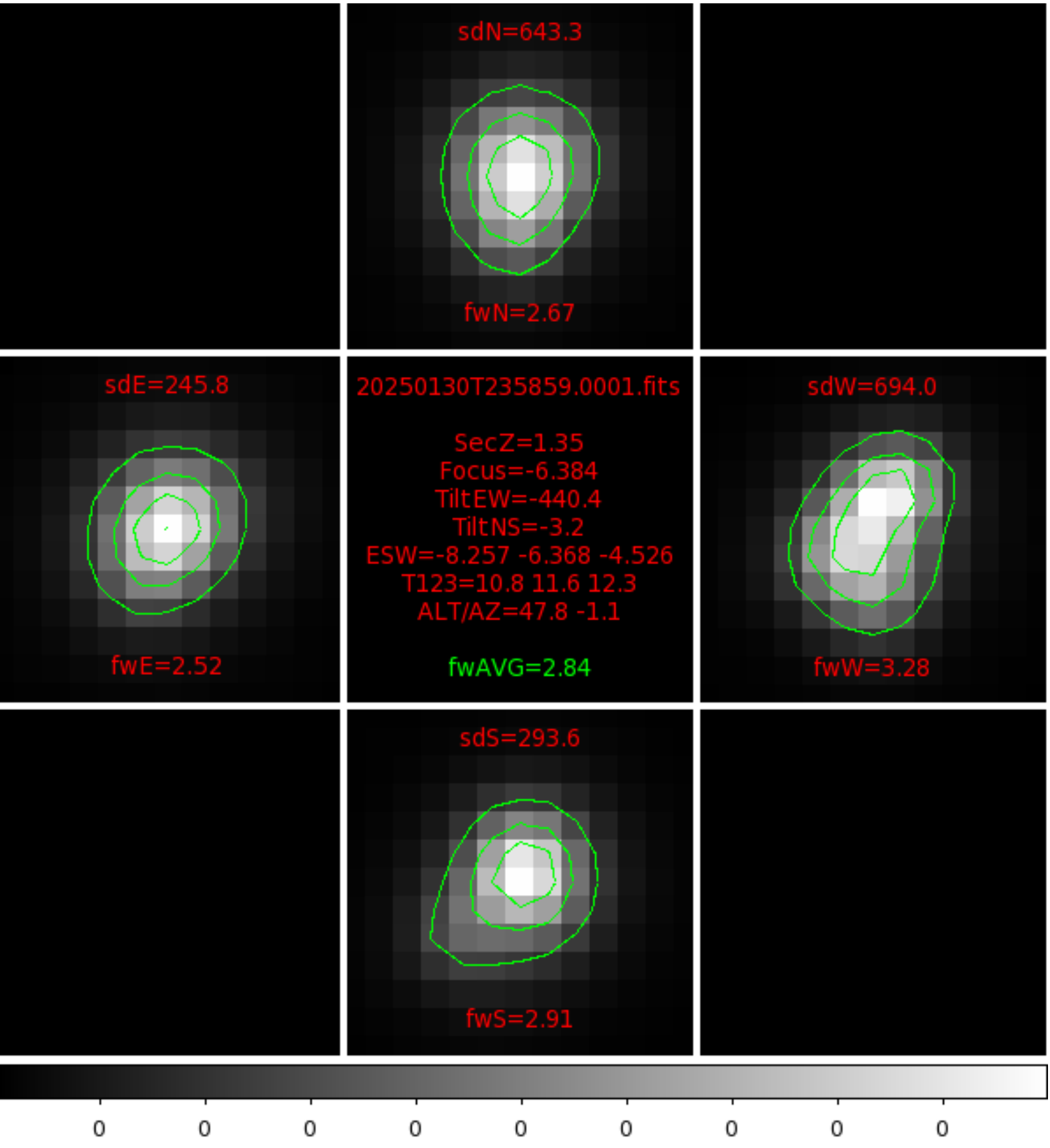
sdN=643.3
fwN=2.67
sdE=245.8
fwE=2.52
20250130T235859.0001.fits
SecZ=1.35
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.8 11.6 12.3
ALT/AZ=47.8 -1.1
fwAVG=2.84
sdW=694.0
fwW=3.28
sdS=293.6
fwS=2.91
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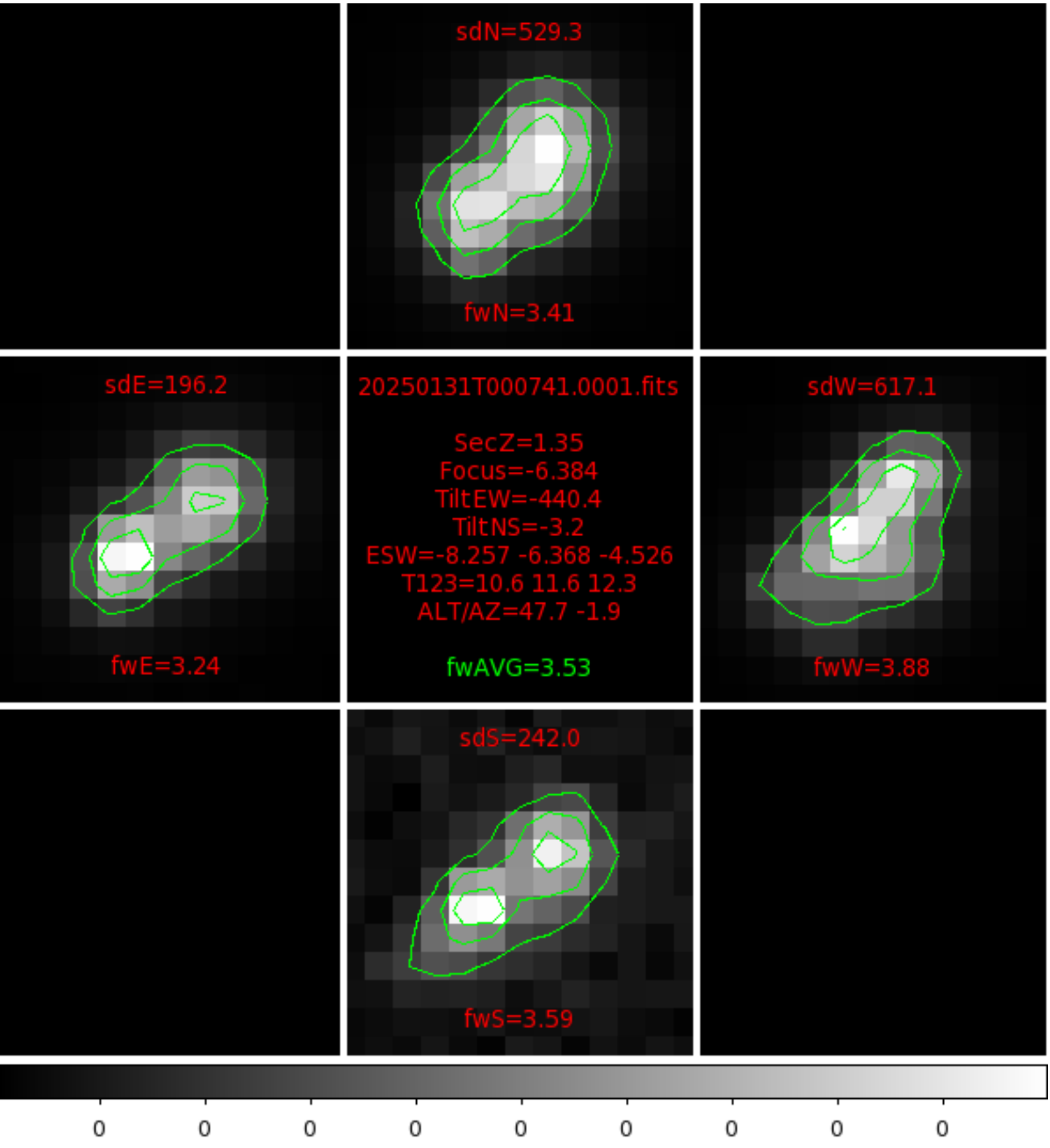
sdN=529.3
fwN=3.41
sdE=196.2
fwE=3.24
20250131T000741.0001.fits
SecZ=1.35
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.6 11.6 12.3
ALT/AZ=47.7 -1.9
fwAVG=3.53
sdW=617.1
fwW=3.88
sdS=242.0
fwS=3.59
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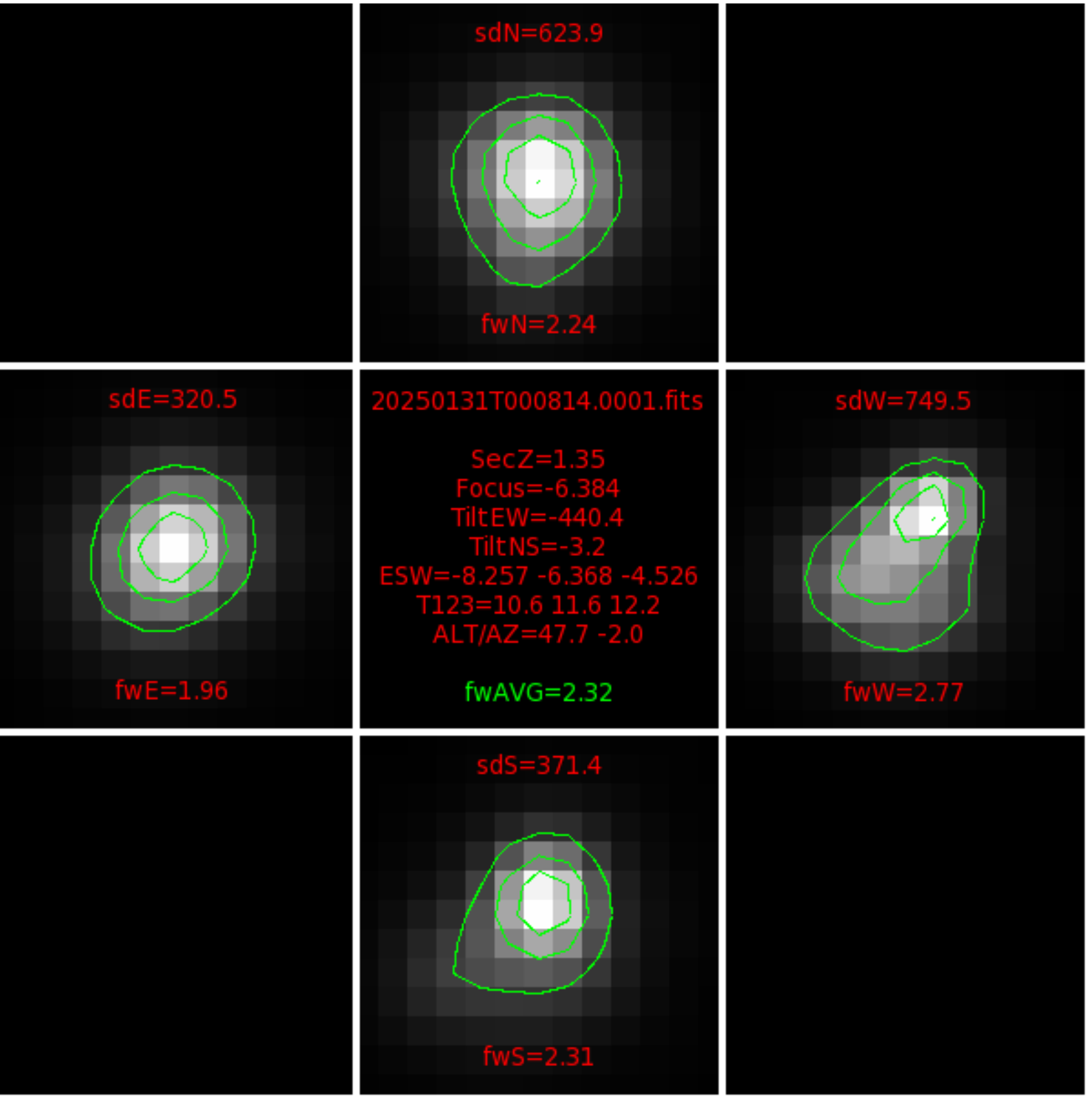
sdN=623.9
fwN=2.24
sdE=320.5
fwE=1.96
20250131T000814.0001.fits
SecZ=1.35
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.6 11.6 12.2
ALT/AZ=47.7 -2.0
fwAVG=2.32
sdW=749.5
fwW=2.77
sdS=371.4
fwS=2.31
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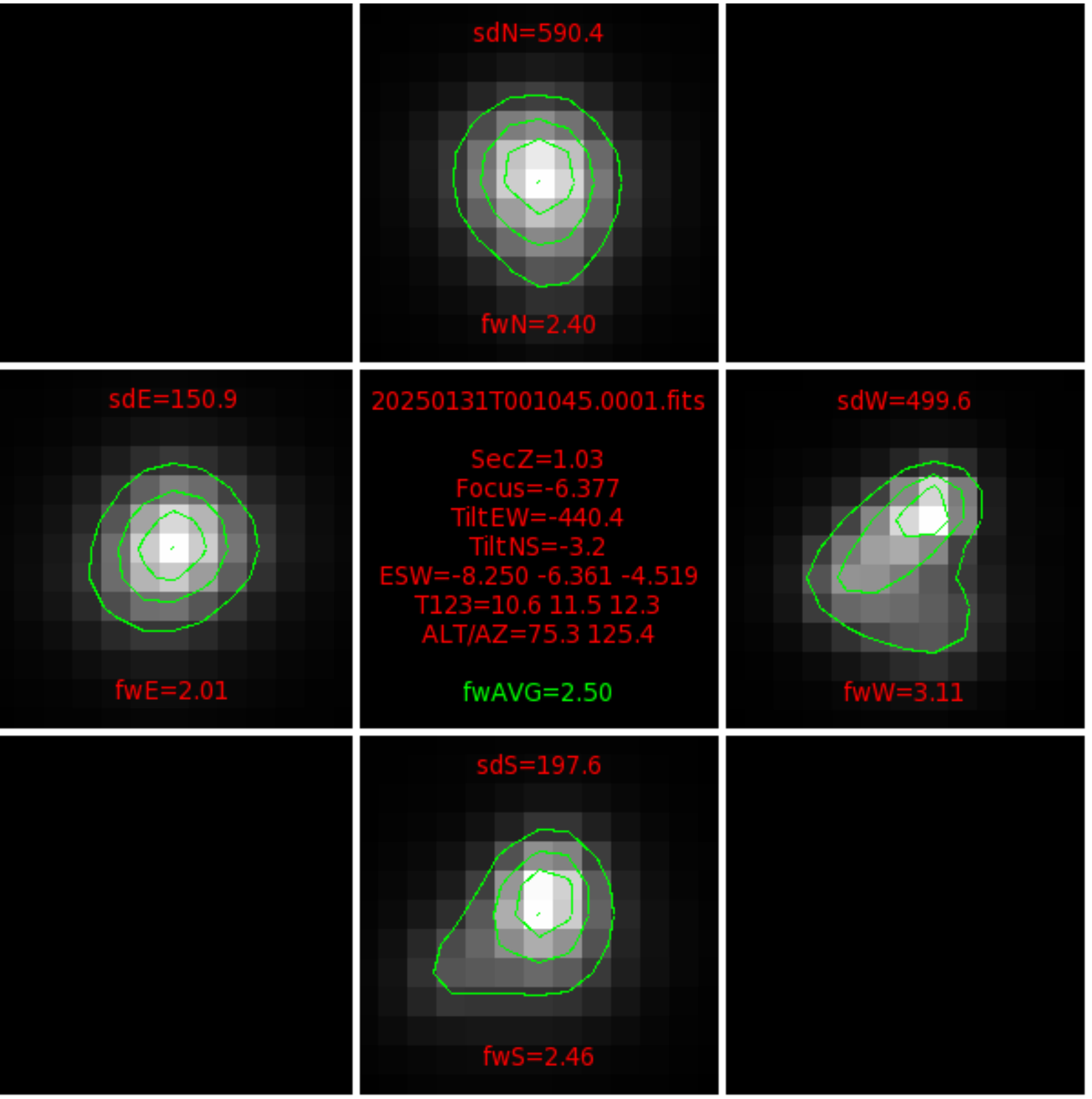
sdN=590.4
fwN=2.40
sdE=150.9
fwE=2.01
20250131T001045.0001.fits
SecZ=1.03
Focus=-6.377
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.250 -6.361 -4.519
T123=10.6 11.5 12.3
ALT/AZ=75.3 125.4
fwAVG=2.50
sdW=499.6
fwW=3.11
sdS=197.6
fwS=2.46
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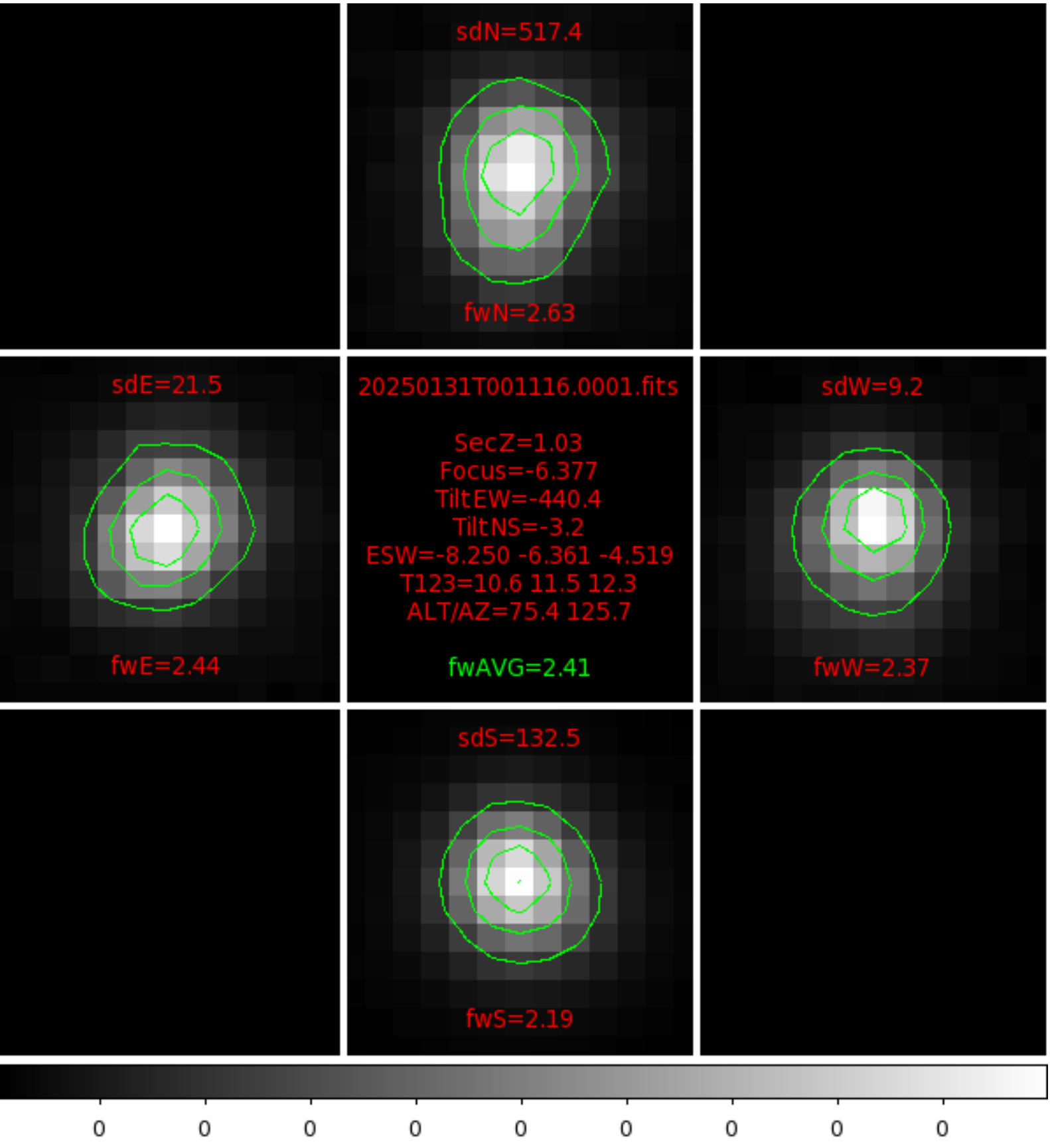
sdN=517.4
fwN=2.63
sdE=21.5
fwE=2.44
20250131T001116.0001.fits
SecZ=1.03
Focus=-6.377
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.250 -6.361 -4.519
T123=10.6 11.5 12.3
ALT/AZ=75.4 125.7
fwAVG=2.41
sdW=9.2
fwW=2.37
sdS=132.5
fwS=2.19
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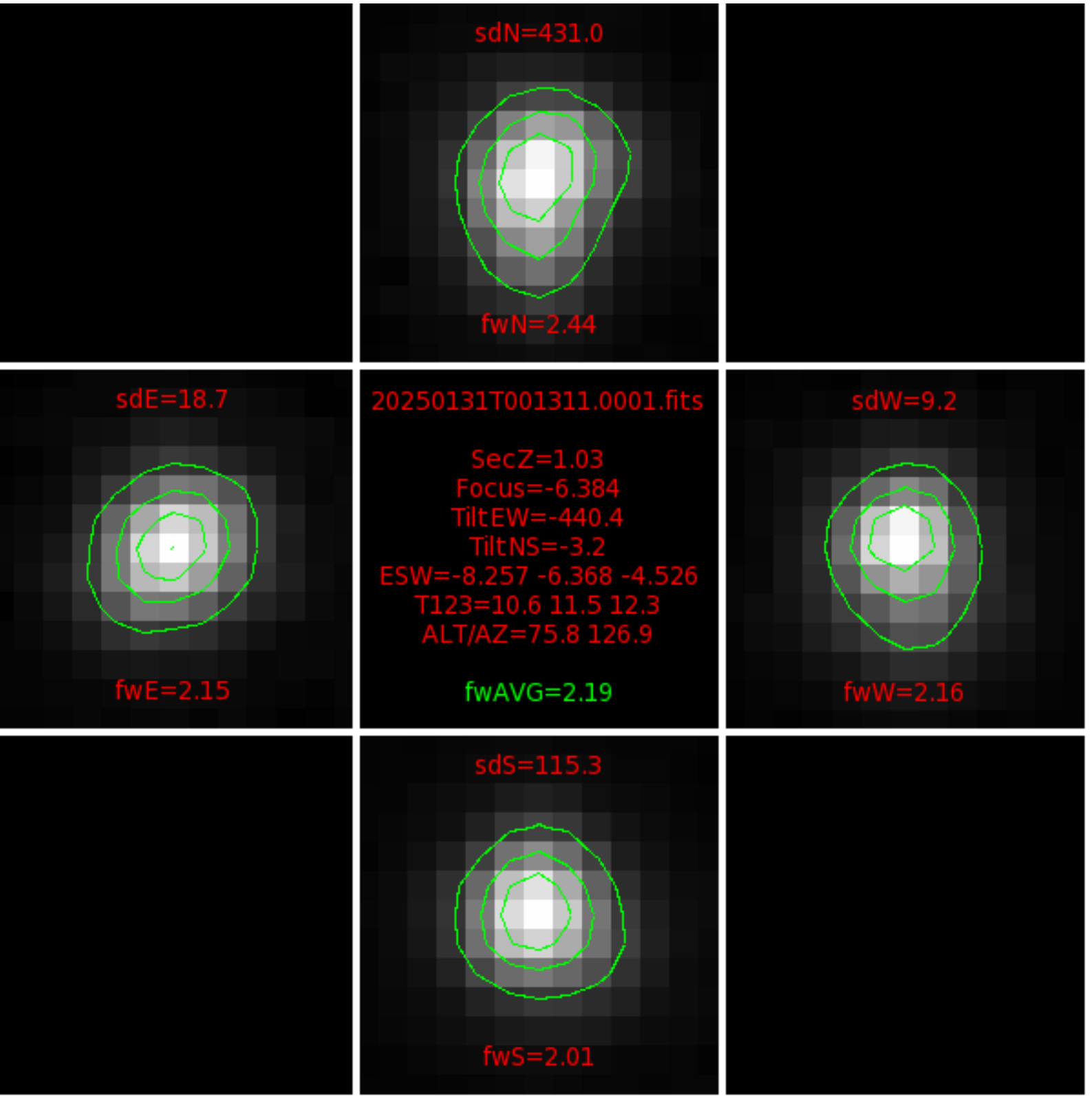
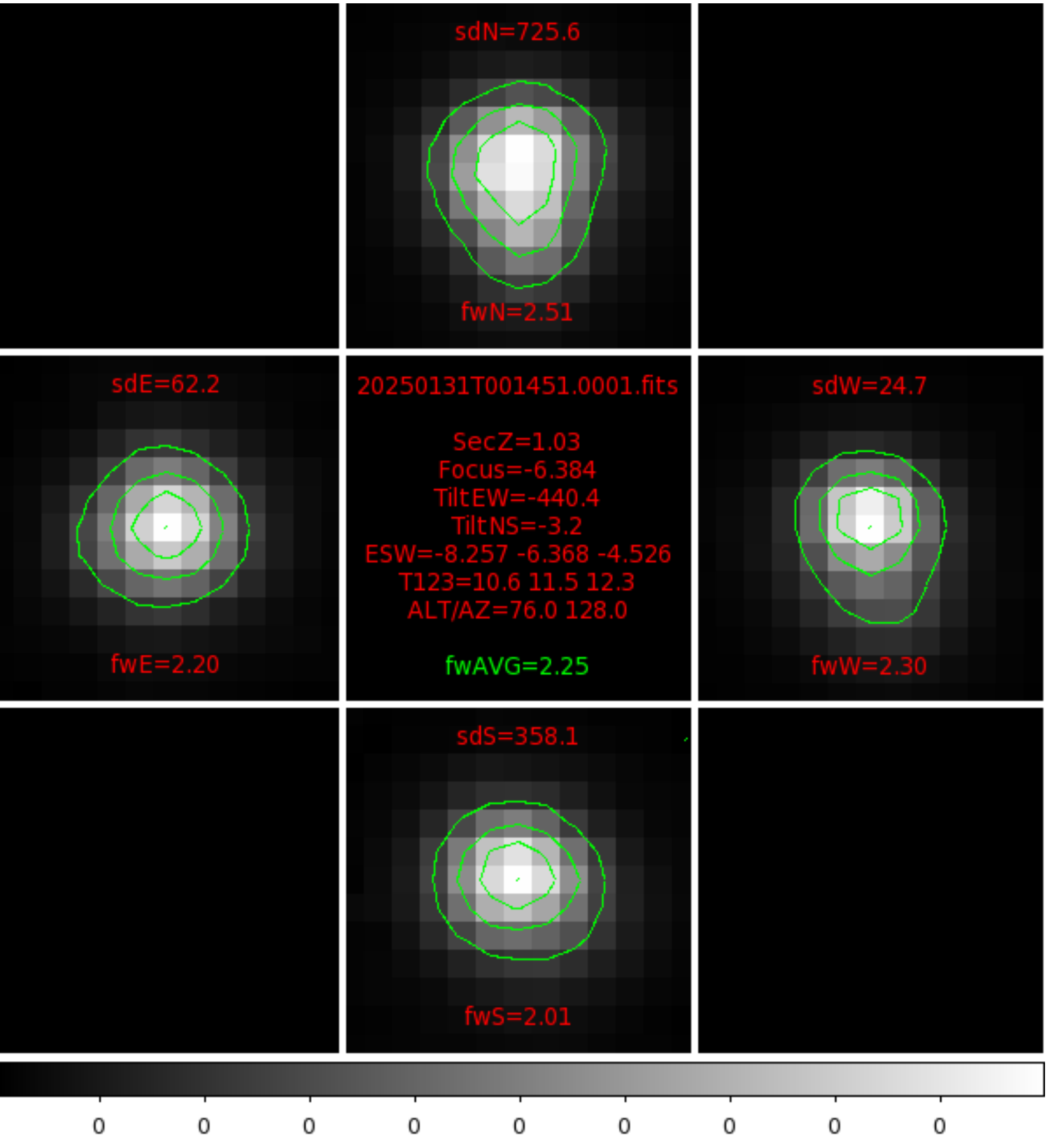

sdN=431.0
fwN=2.44
sdE=18.7
fwE=2.15
20250131T001311.0001.fits
SecZ=1.03
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.6 11.5 12.3
ALT/AZ=75.8 126.9
fwAVG=2.19
sdW=9.2
fwW=2.16
sdS=115.3
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=725.6
fwN=2.51
sdE=62.2
fwE=2.20
20250131T001451.0001.fits
SecZ=1.03
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.6 11.5 12.3
ALT/AZ=76.0 128.0
fwAVG=2.25
sdW=24.7
fwW=2.30
sdS=358.1
fwS=2.01
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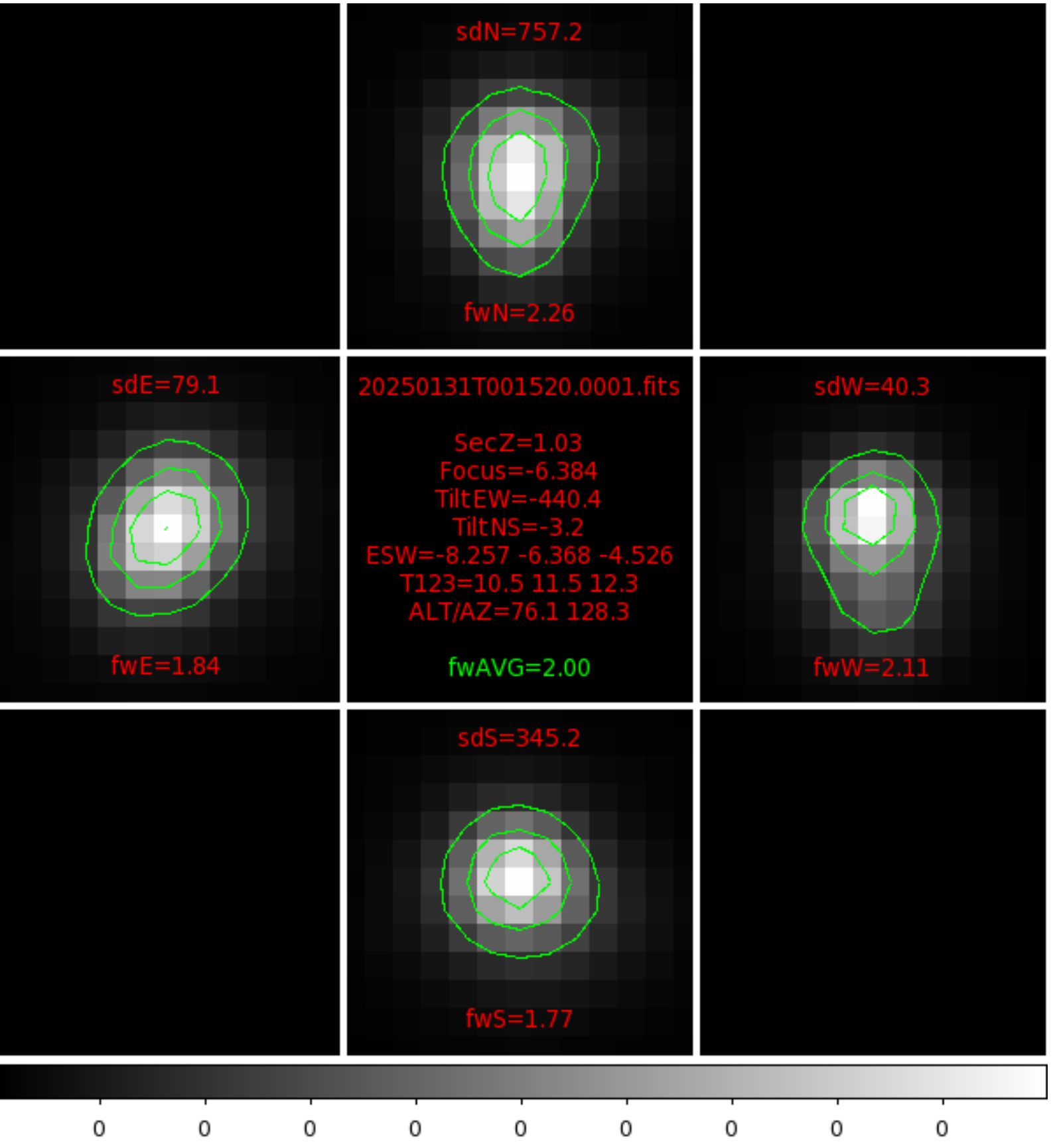
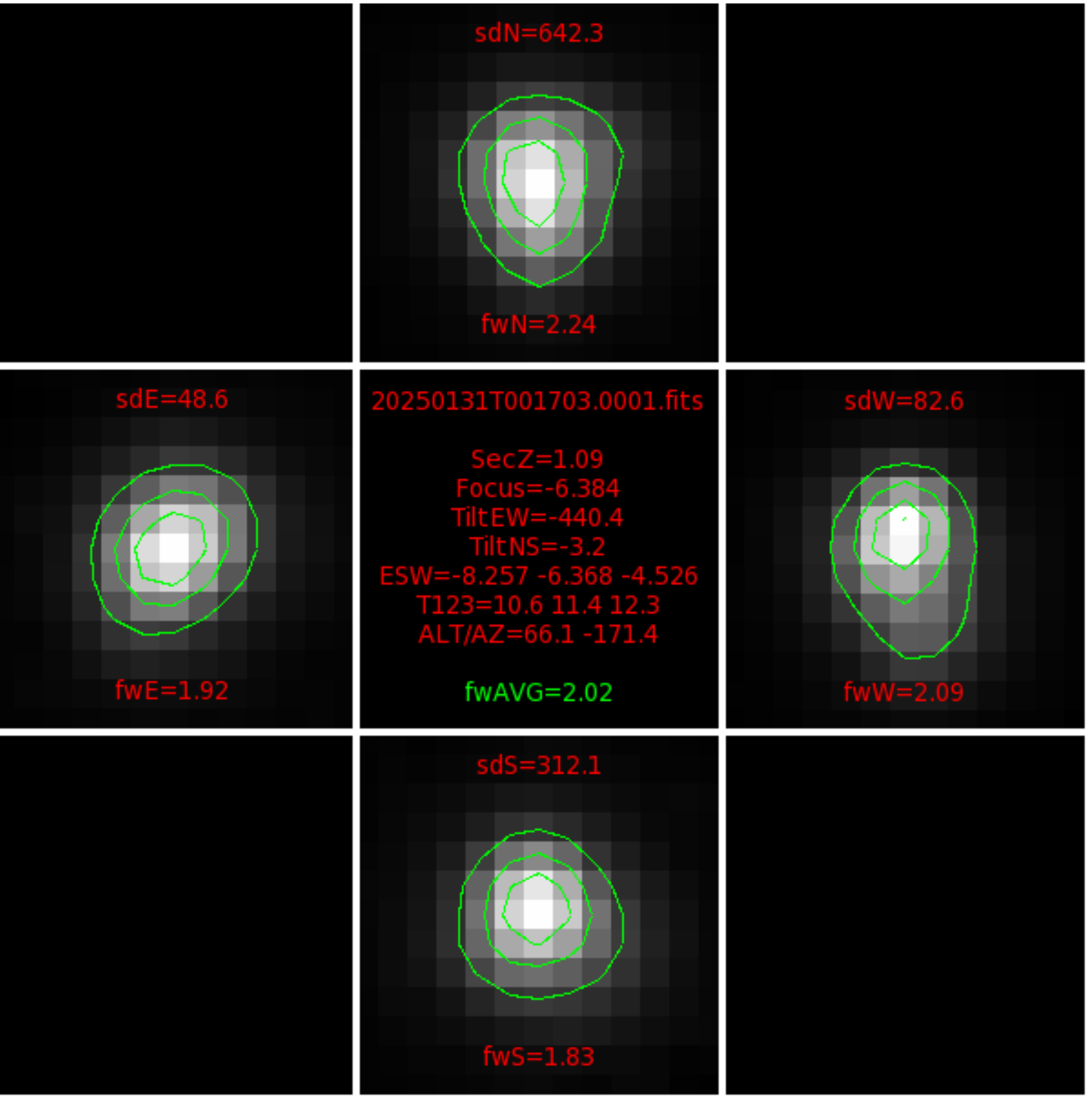

sdN=757.2
fwN=2.26
sdE=79.1
fwE=1.84
20250131T001520.0001.fits
SecZ=1.03
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.5 11.5 12.3
ALT/AZ=76.1 128.3
fwAVG=2.00
sdW=40.3
fwW=2.11
sdS=345.2
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=642.3
fwN=2.24
sdE=48.6
fwE=1.92
20250131T001703.0001.fits
SecZ=1.09
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.6 11.4 12.3
ALT/AZ=66.1 -171.4
fwAVG=2.02
sdW=82.6
fwW=2.09
sdS=312.1
fwS=1.83
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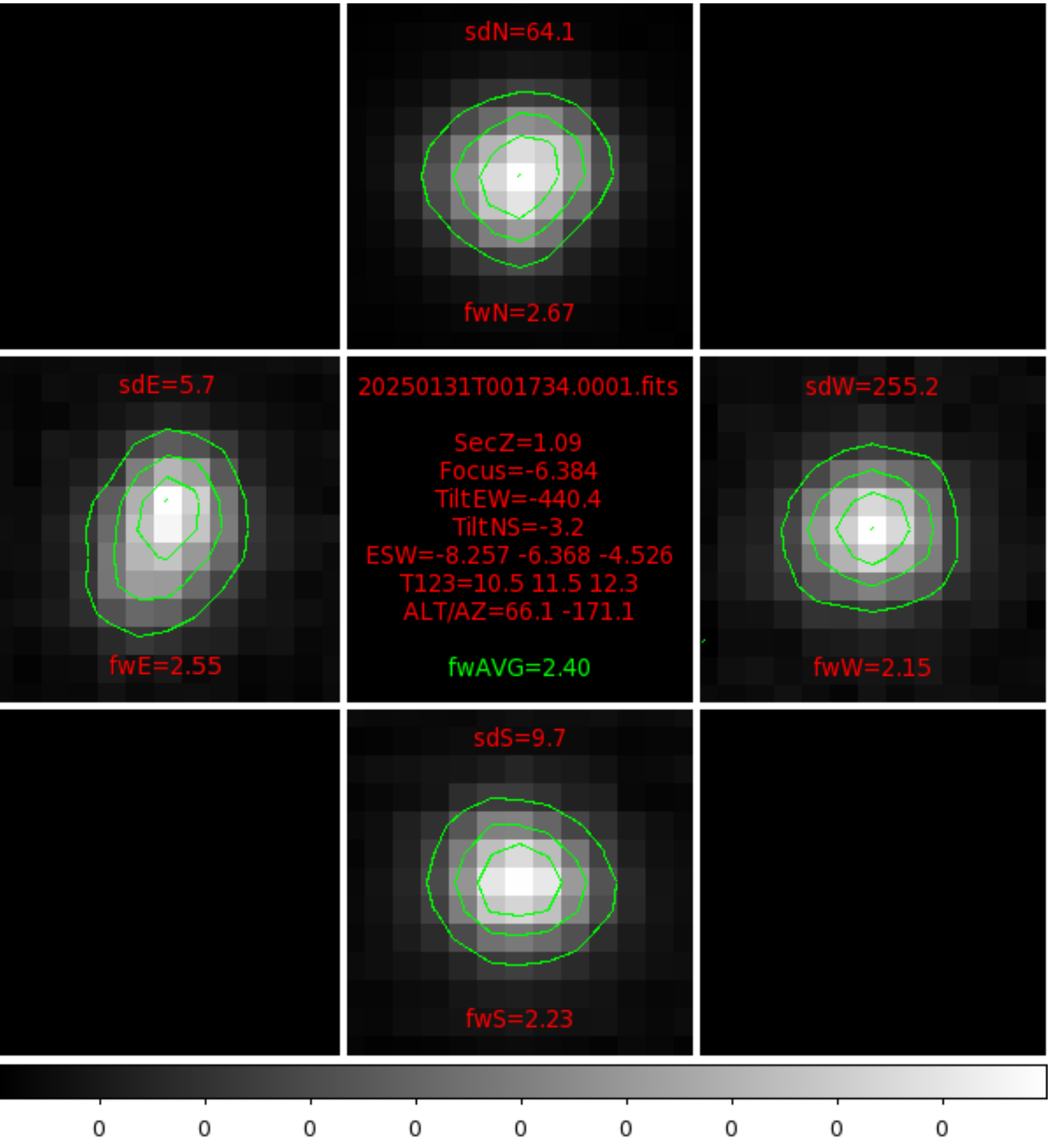
sdN=64.1
fwN=2.67
sdE=5.7
fwE=2.55
20250131T001734.0001.fits
SecZ=1.09
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.5 11.5 12.3
ALT/AZ=66.1 -171.1
fwAVG=2.40
sdW=255.2
fwW=2.15
sdS=9.7
fwS=2.23
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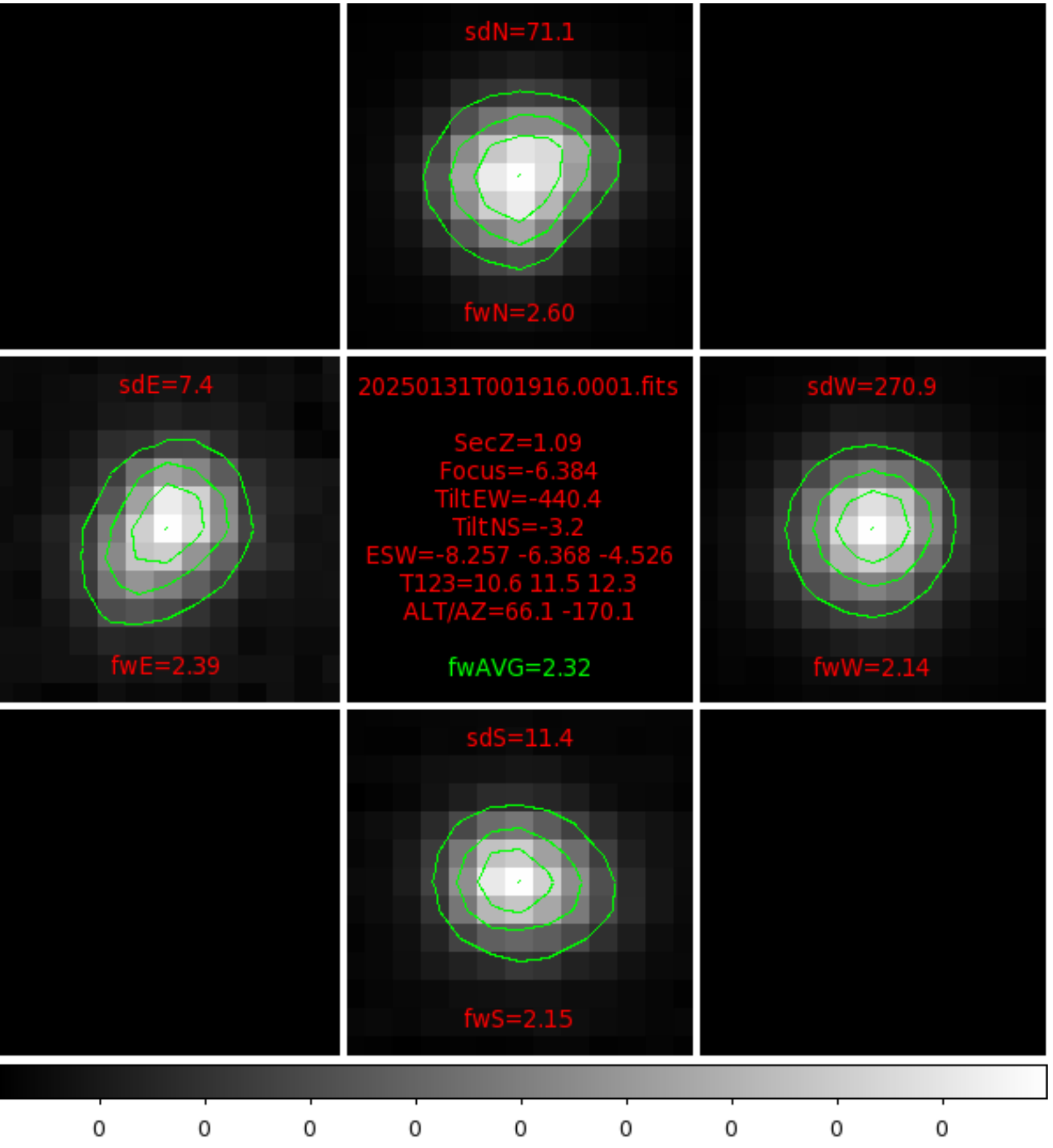
sdN=71.1
fwN=2.60
sdE=7.4
fwE=2.39
20250131T001916.0001.fits
SecZ=1.09
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.6 11.5 12.3
ALT/AZ=66.1 -170.1
fwAVG=2.32
sdW=270.9
fwW=2.14
sdS=11.4
fwS=2.15
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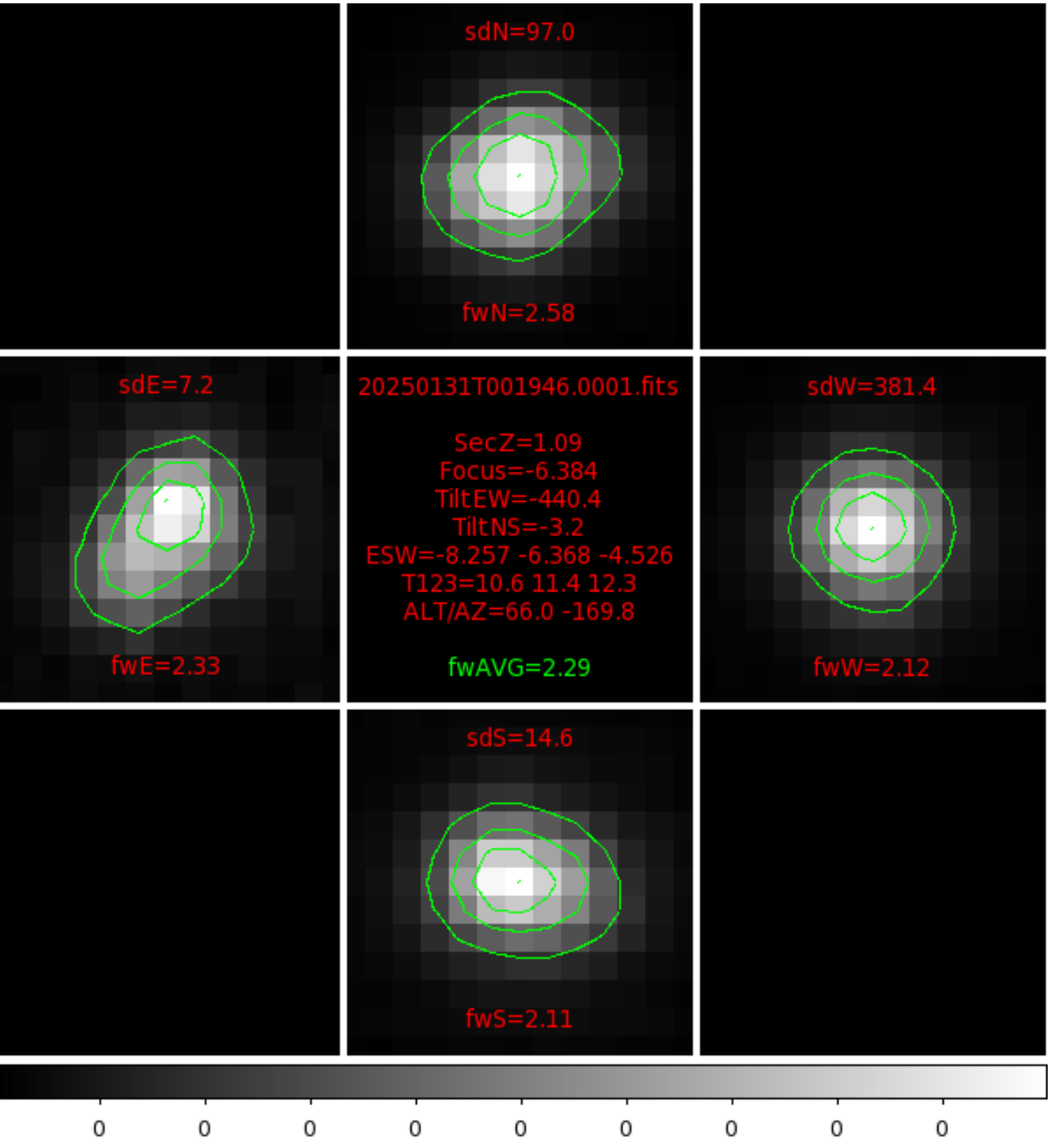
sdN=97.0
fwN=2.58
sdE=7.2
fwE=2.33
20250131T001946.0001.fits
SecZ=1.09
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.6 11.4 12.3
ALT/AZ=66.0 -169.8
fwAVG=2.29
sdW=381.4
fwW=2.12
sdS=14.6
fwS=2.11
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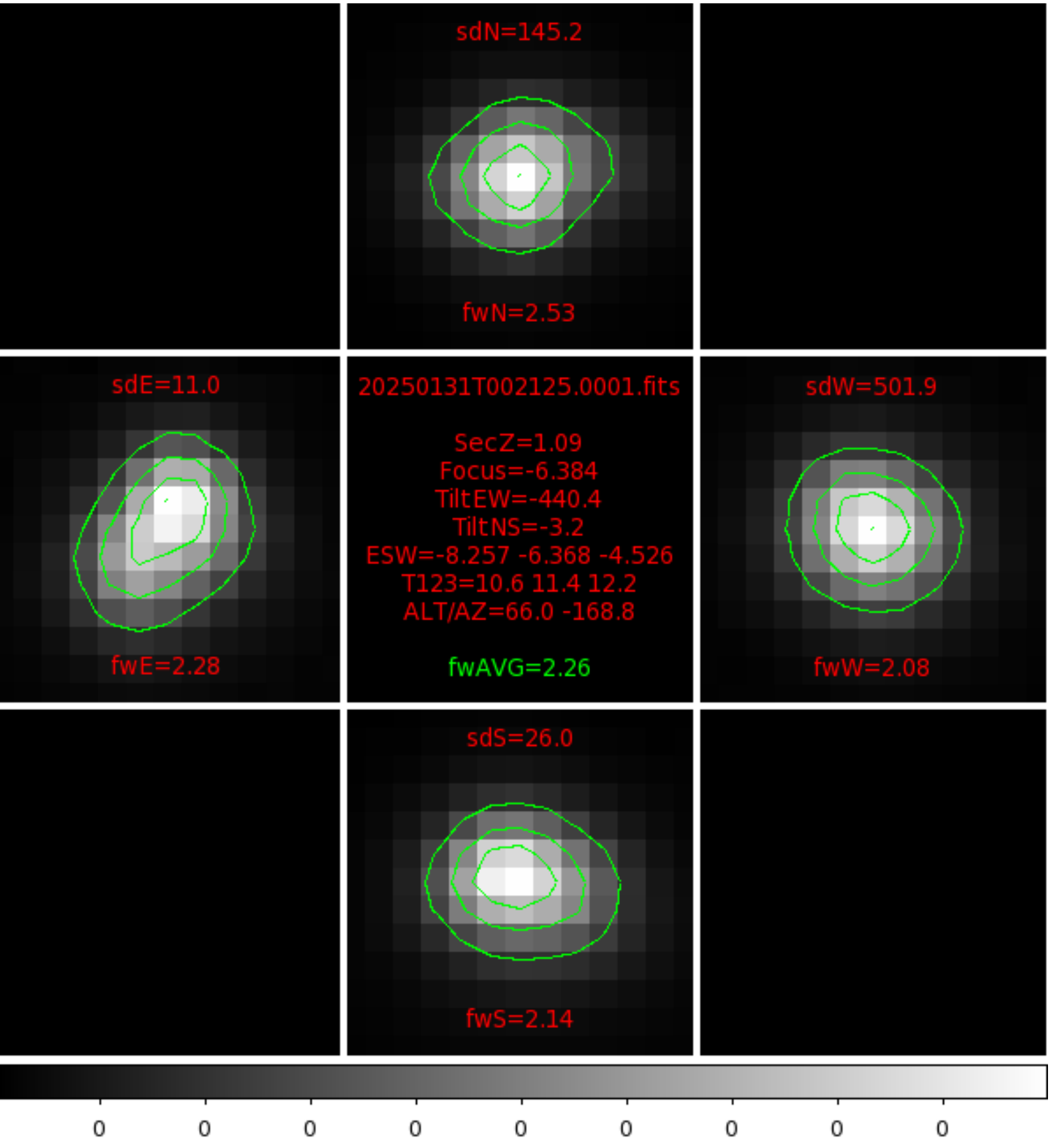
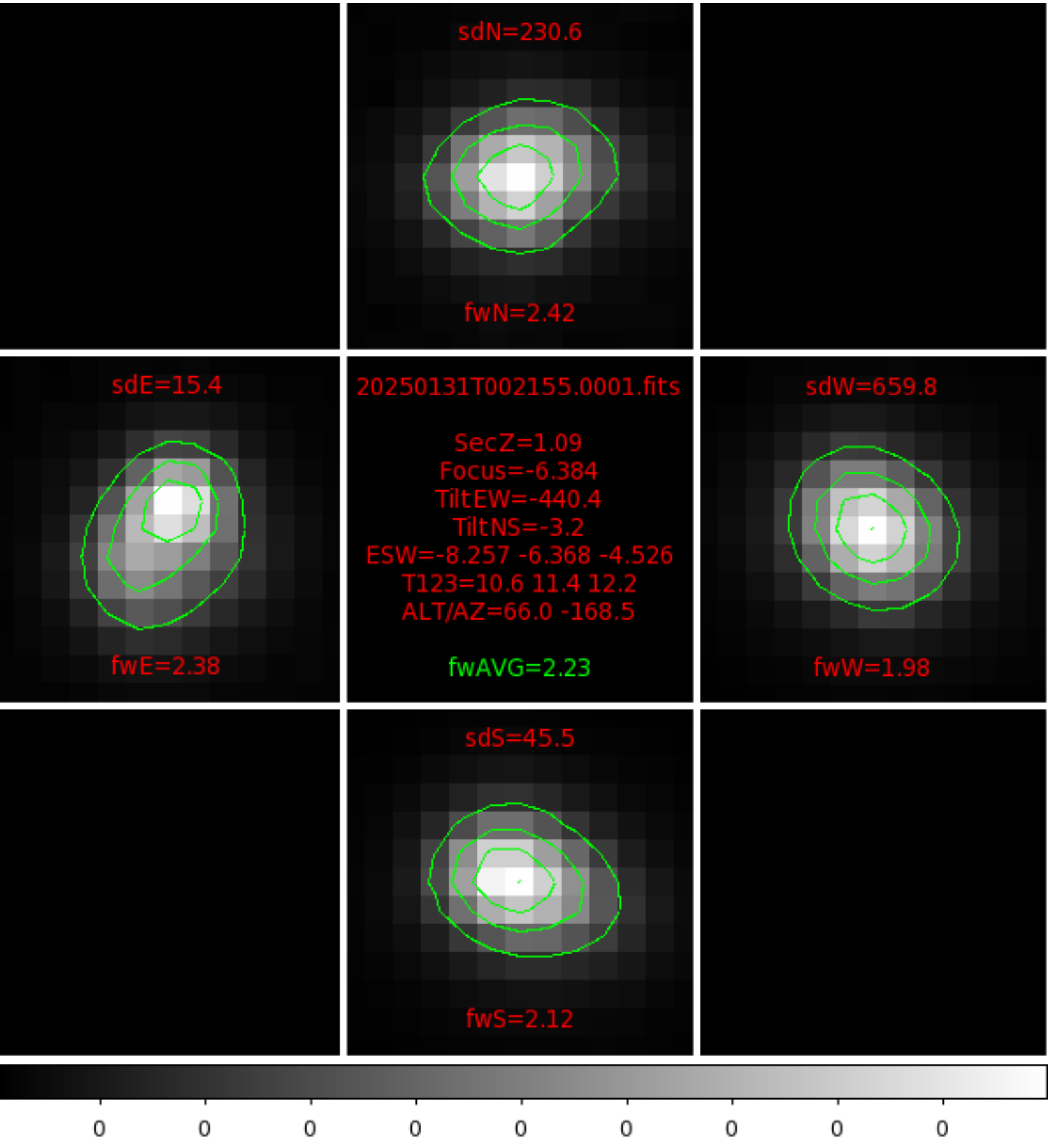
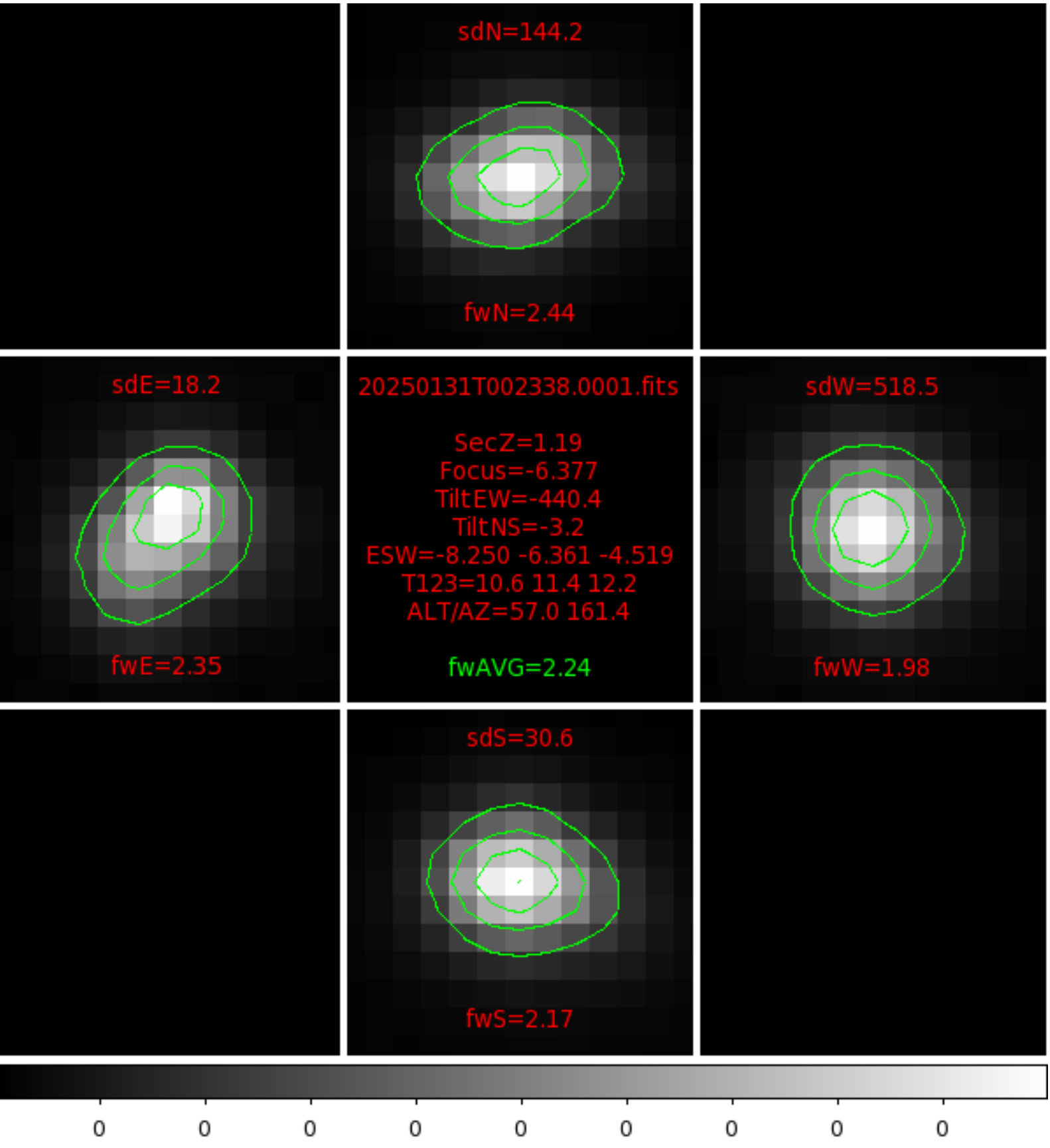

sdN=145.2
fwN=2.53
sdE=11.0
fwE=2.28
20250131T002125.0001.fits
SecZ=1.09
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.6 11.4 12.2
ALT/AZ=66.0 -168.8
fwAVG=2.26
sdW=501.9
fwW=2.08
sdS=26.0
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=230.6
fwN=2.42
sdE=15.4
fwE=2.38
20250131T002155.0001.fits
SecZ=1.09
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.6 11.4 12.2
ALT/AZ=66.0 -168.5
fwAVG=2.23
sdW=659.8
fwW=1.98
sdS=45.5
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=144.2
fwN=2.44
sdE=18.2
fwE=2.35
20250131T002338.0001.fits
SecZ=1.19
Focus=-6.377
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.250 -6.361 -4.519
T123=10.6 11.4 12.2
ALT/AZ=57.0 161.4
fwAVG=2.24
sdW=518.5
fwW=1.98
sdS=30.6
fwS=2.17
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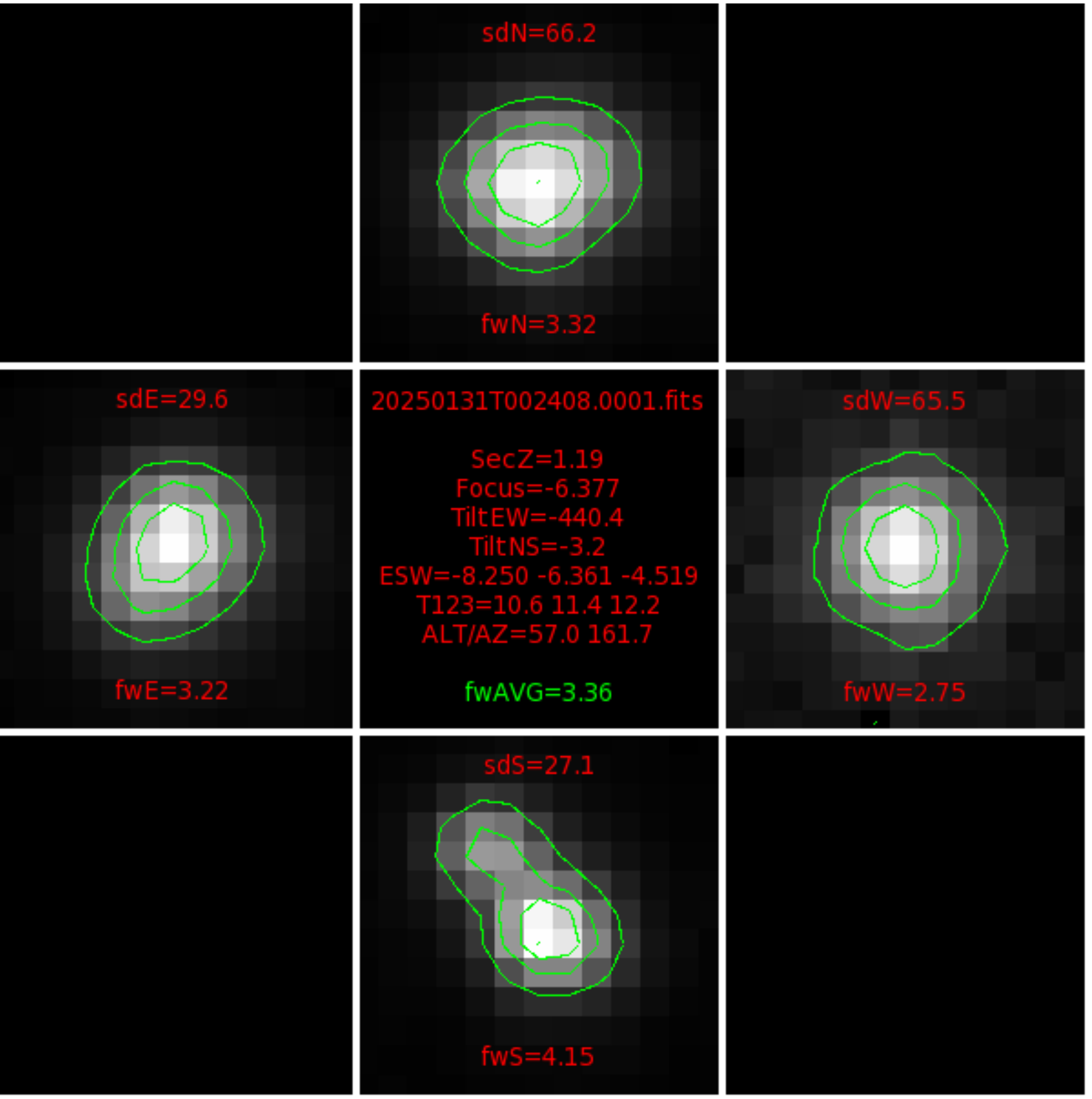
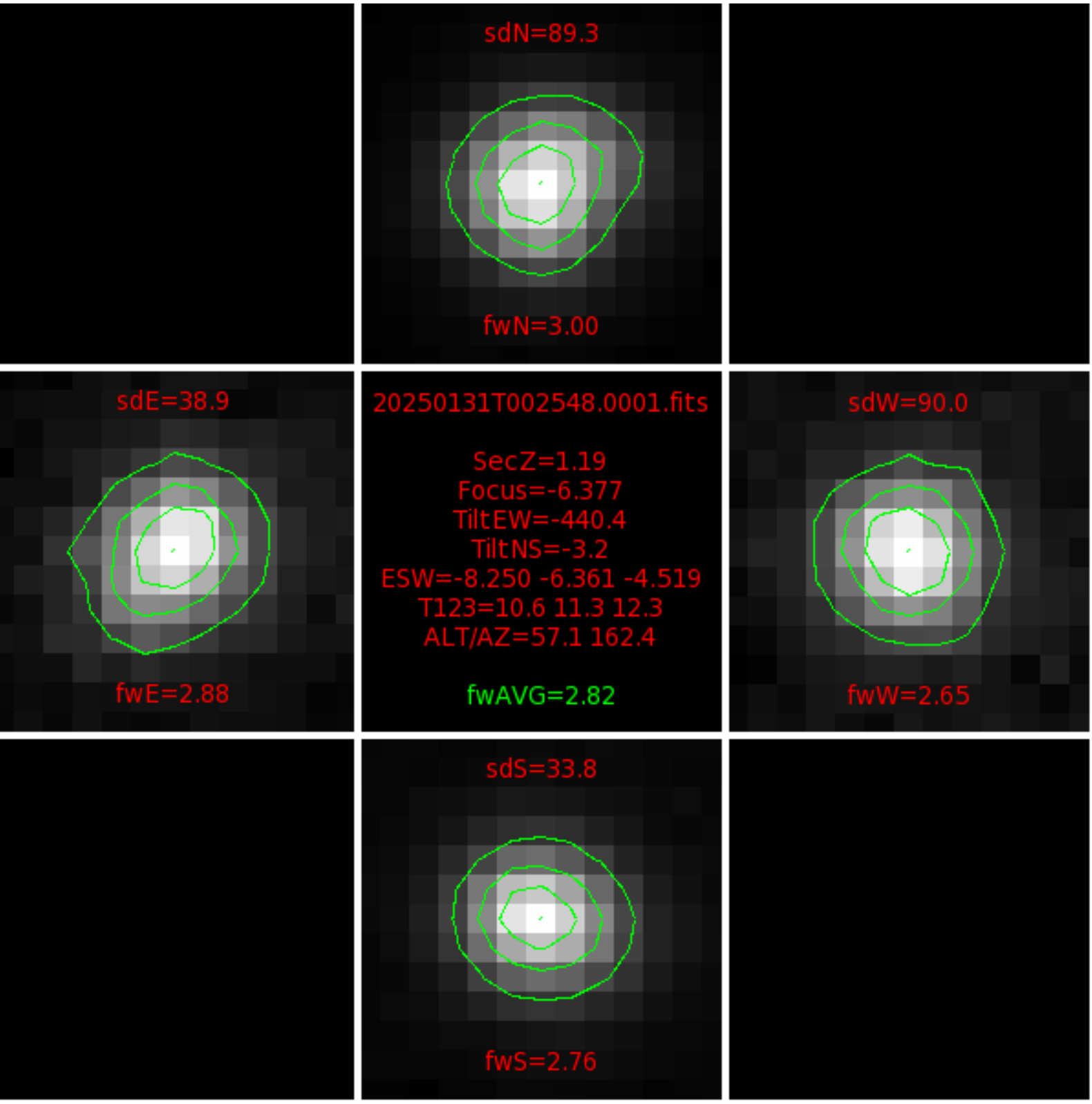
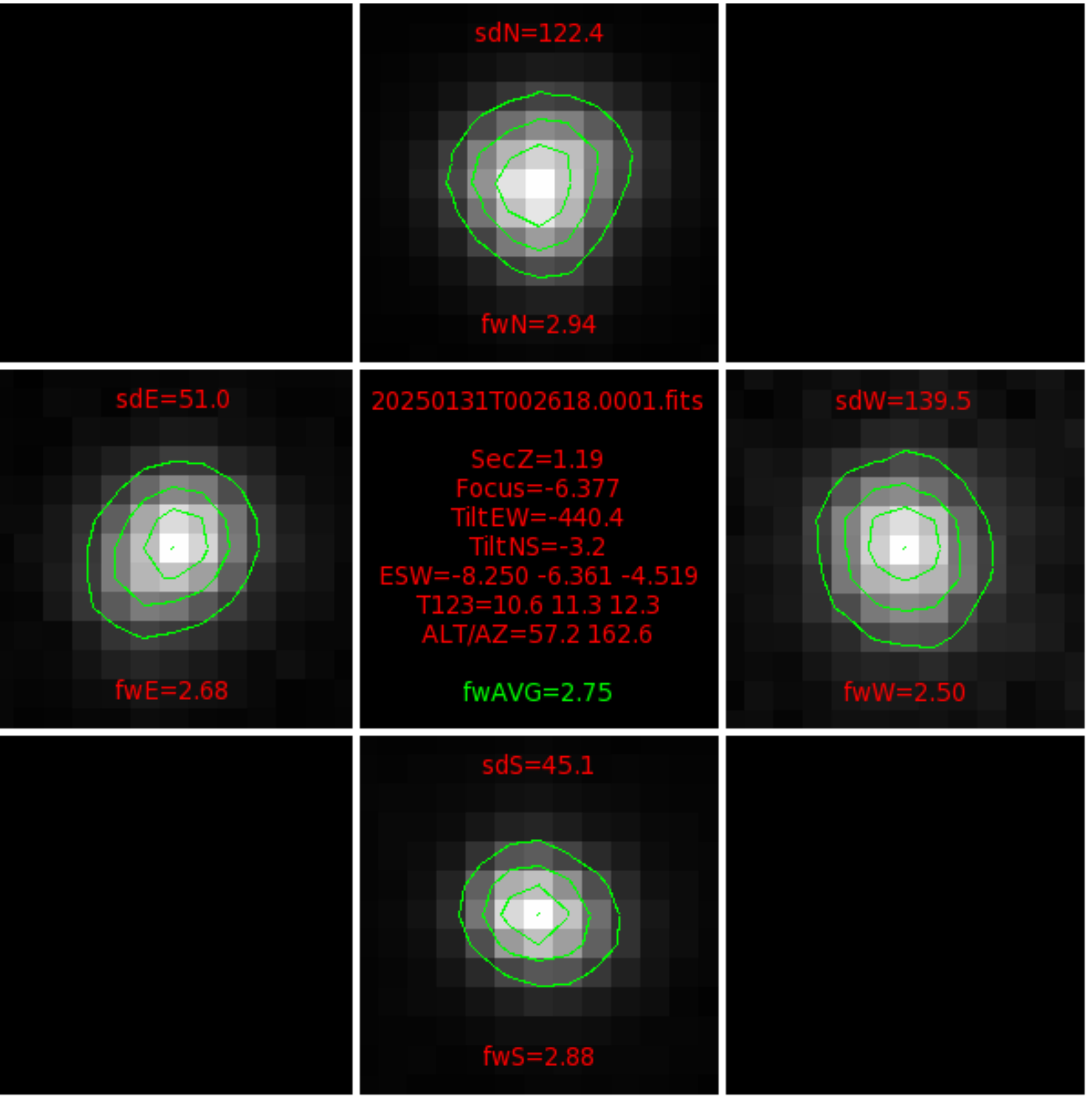
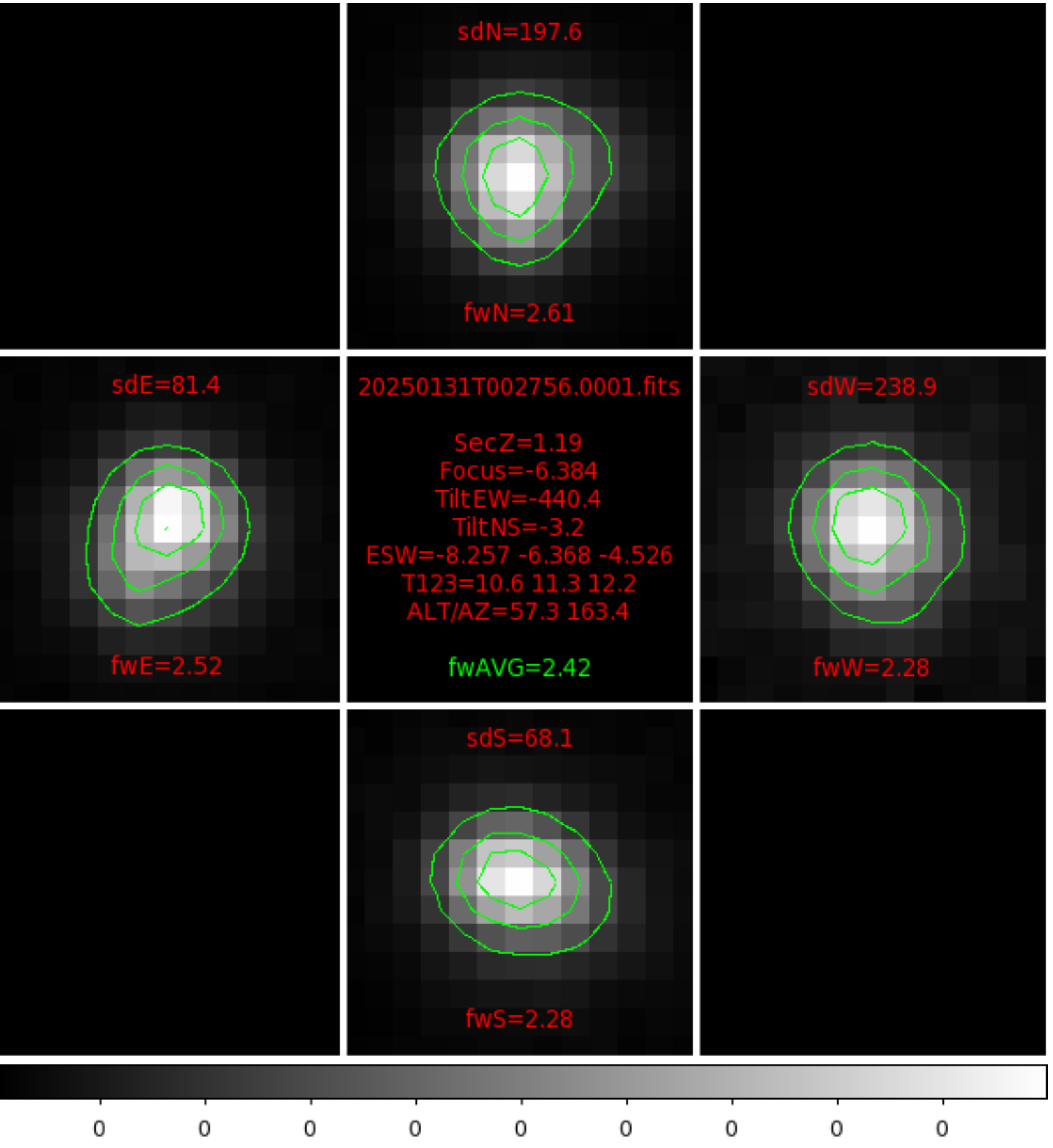

sdN=66.2
fwN=3.32
sdE=29.6
fwE=3.22
20250131T002408.0001.fits
SecZ=1.19
Focus=-6.377
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.250 -6.361 -4.519
T123=10.6 11.4 12.2
ALT/AZ=57.0 161.7
fwAVG=3.36
sdW=65.5
fwW=2.75
sdS=27.1
fwS=4.15
0 0 0 0 0 0 0 0 0


sdN=89.3
fwN=3.00
sdE=38.9
fwE=2.88
20250131T002548.0001.fits
SecZ=1.19
Focus=-6.377
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.250 -6.361 -4.519
T123=10.6 11.3 12.3
ALT/AZ=57.1 162.4
fwAVG=2.82
sdW=90.0
fwW=2.65
sdS=33.8
fwS=2.76
0 0 0 0 0 0 0 0 0


sdN=122.4
fwN=2.94
sdE=51.0
fwE=2.68
20250131T002618.0001.fits
SecZ=1.19
Focus=-6.377
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.250 -6.361 -4.519
T123=10.6 11.3 12.3
ALT/AZ=57.2 162.6
fwAVG=2.75
sdW=139.5
fwW=2.50
sdS=45.1
fwS=2.88
0 0 0 0 0 0 0 0 0


sdN=197.6
fwN=2.61
sdE=81.4
fwE=2.52
20250131T002756.0001.fits
SecZ=1.19
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.6 11.3 12.2
ALT/AZ=57.3 163.4
fwAVG=2.42
sdW=238.9
fwW=2.28
sdS=68.1
fwS=2.28
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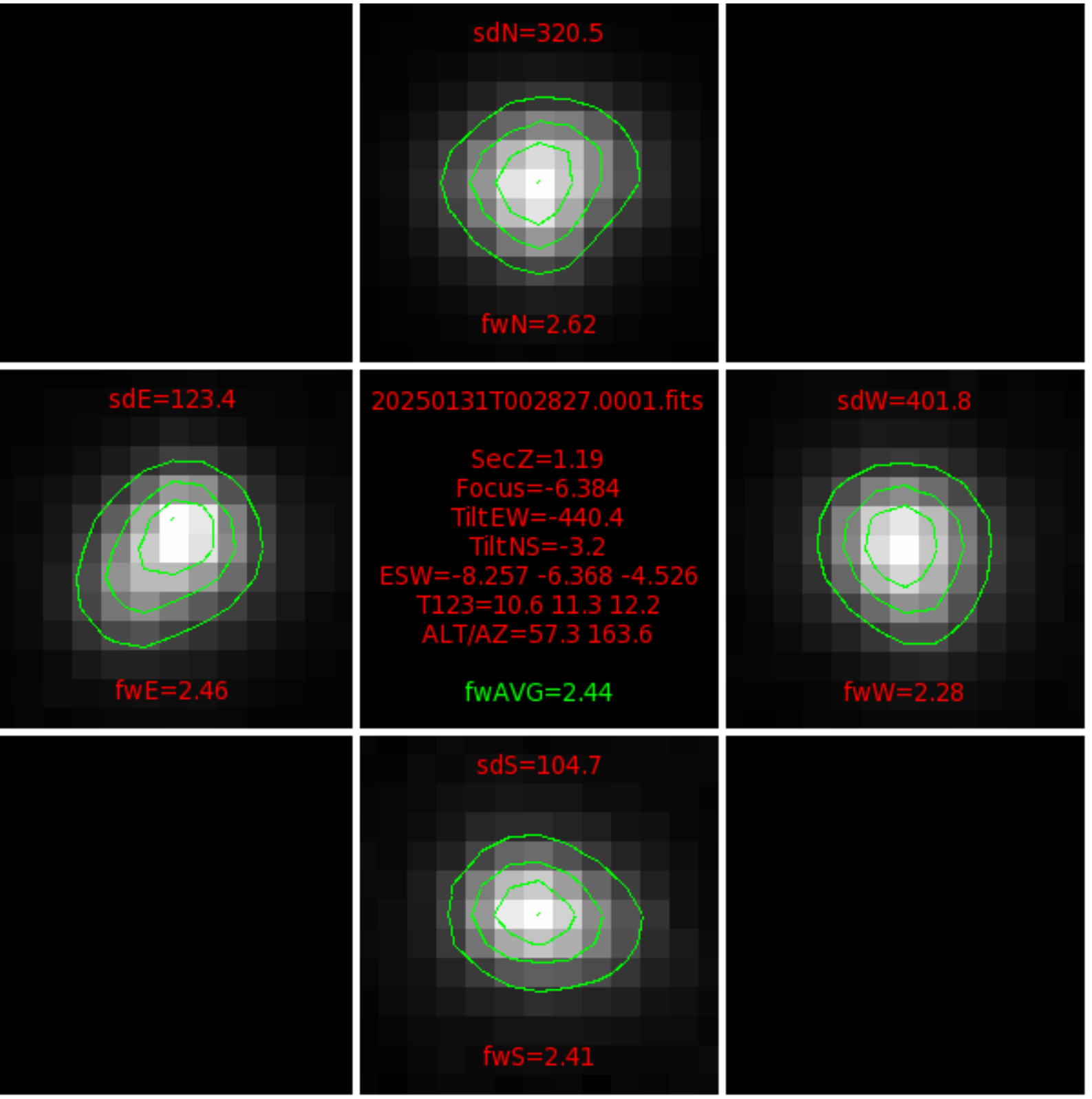
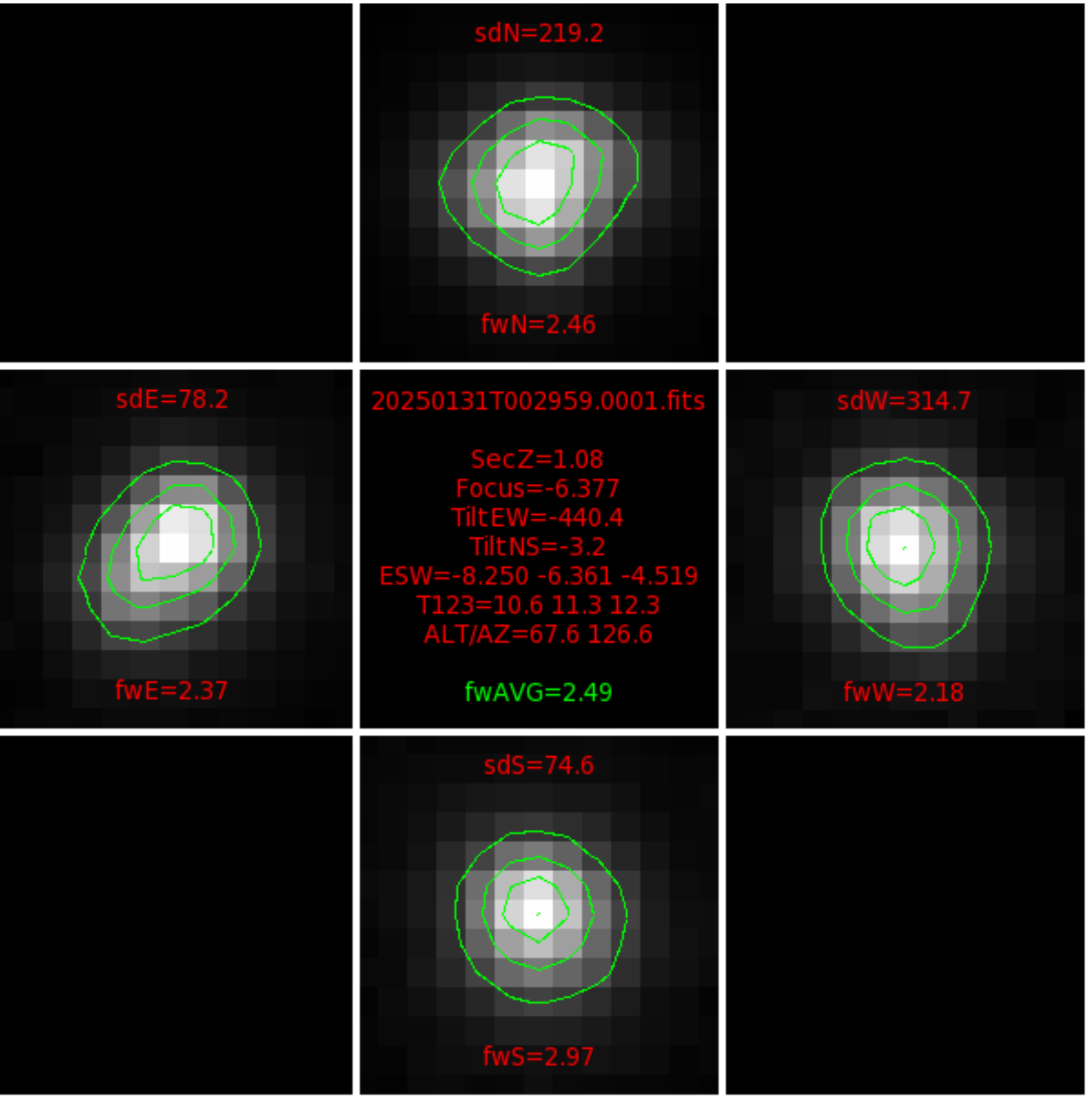

sdN=320.5
fwN=2.62
sdE=123.4
fwE=2.46
20250131T002827.0001.fits
SecZ=1.19
Focus=-6.384
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.257 -6.368 -4.526
T123=10.6 11.3 12.2
ALT/AZ=57.3 163.6
fwAVG=2.44
sdW=401.8
fwW=2.28
sdS=104.7
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=219.2
fwN=2.46
sdE=78.2
fwE=2.37
20250131T002959.0001.fits
SecZ=1.08
Focus=-6.377
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.250 -6.361 -4.519
T123=10.6 11.3 12.3
ALT/AZ=67.6 126.6
fwAVG=2.49
sdW=314.7
fwW=2.18
sdS=74.6
fwS=2.97
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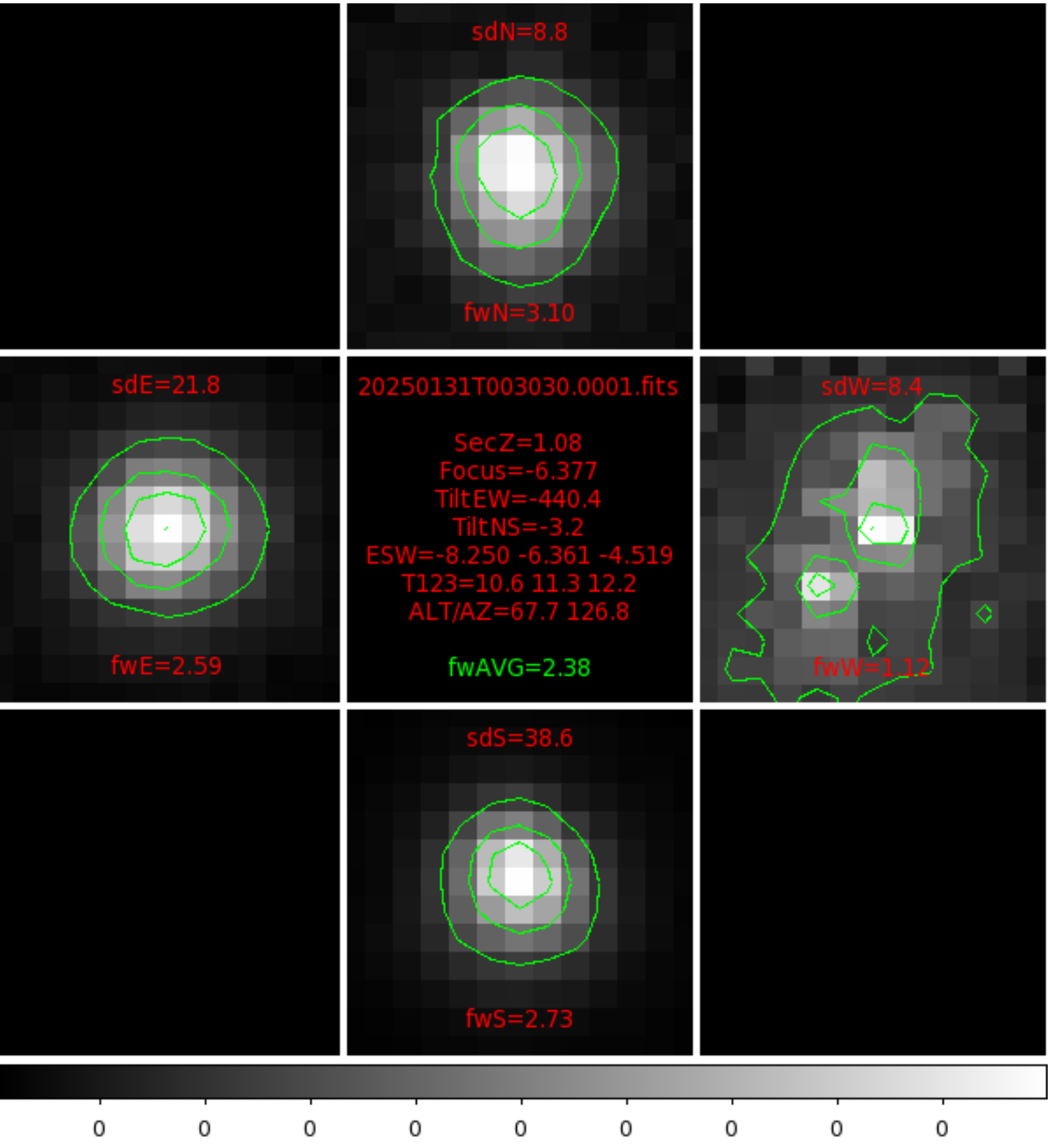
sdN=8.8
fwN=3.10
sdE=21.8
fwE=2.59
20250131T003030.0001.fits
SecZ=1.08
Focus=-6.377
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.250 -6.361 -4.519
T123=10.6 11.3 12.2
ALT/AZ=67.7 126.8
fwAVG=2.38
sdW=8.4
fwW=1.12
sdS=38.6
fwS=2.73
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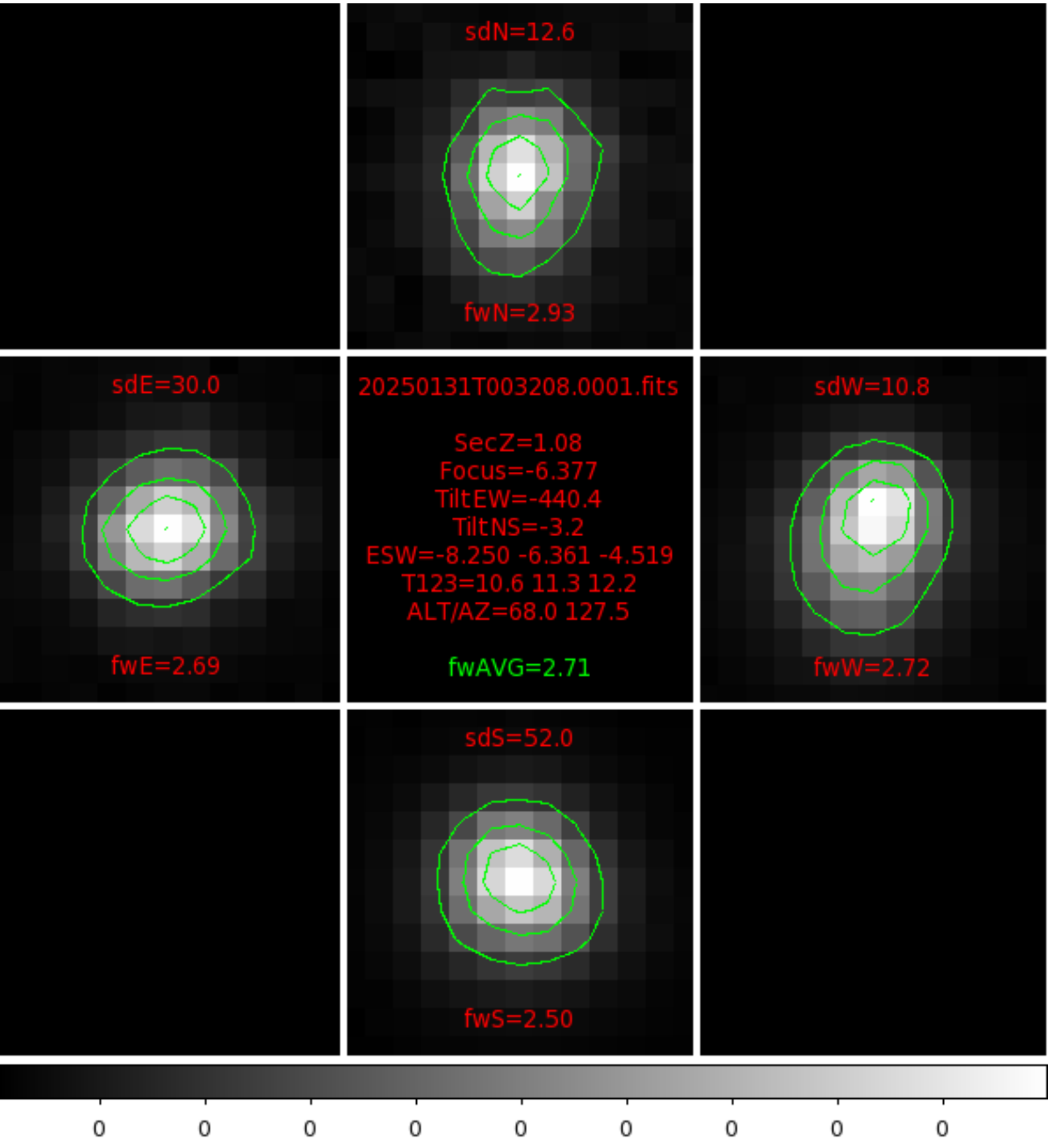
sdN=12.6
fwN=2.93
sdE=30.0
fwE=2.69
20250131T003208.0001.fits
SecZ=1.08
Focus=-6.377
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.250 -6.361 -4.519
T123=10.6 11.3 12.2
ALT/AZ=68.0 127.5
fwAVG=2.71
sdW=10.8
fwW=2.72
sdS=52.0
fwS=2.50
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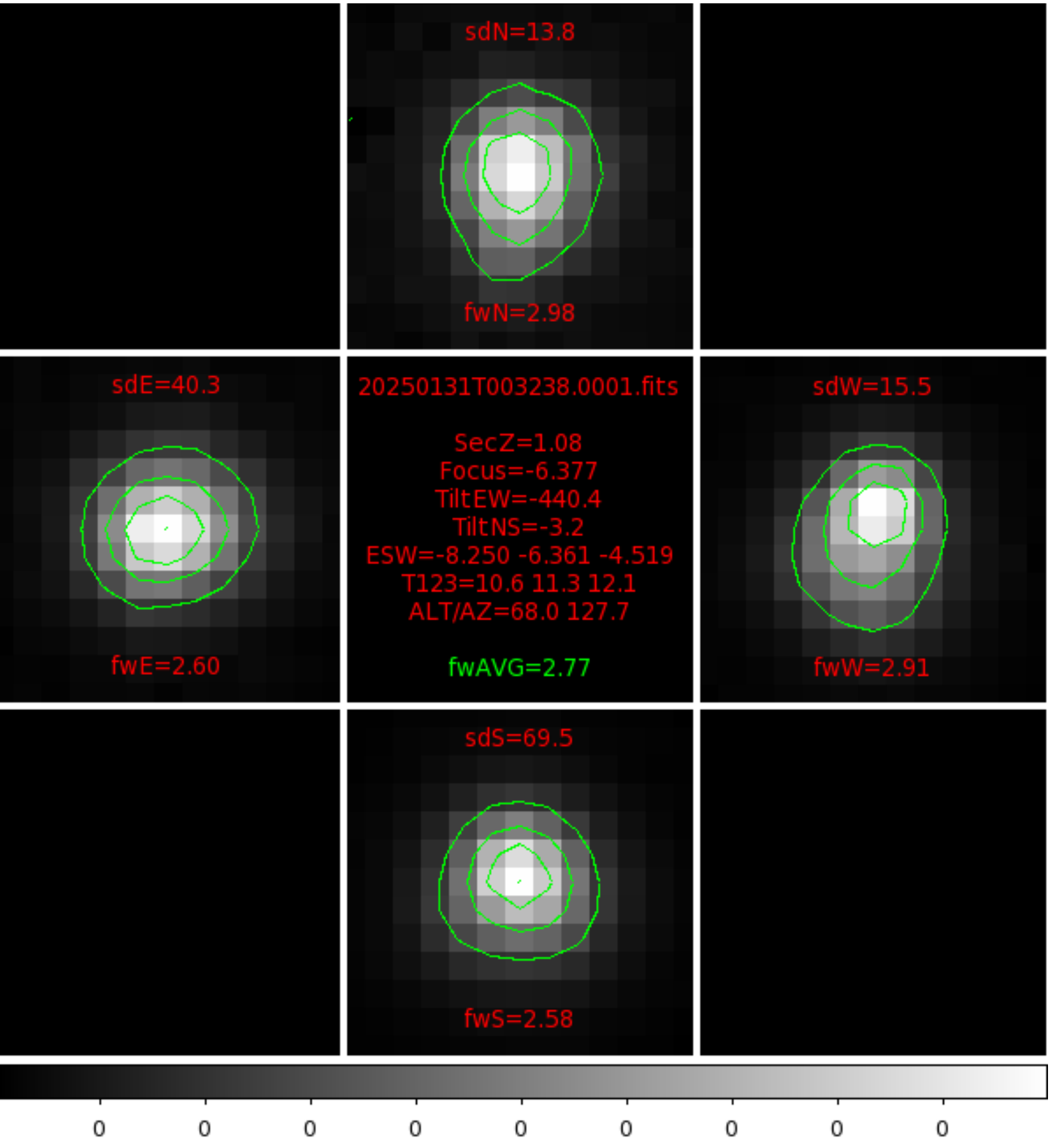
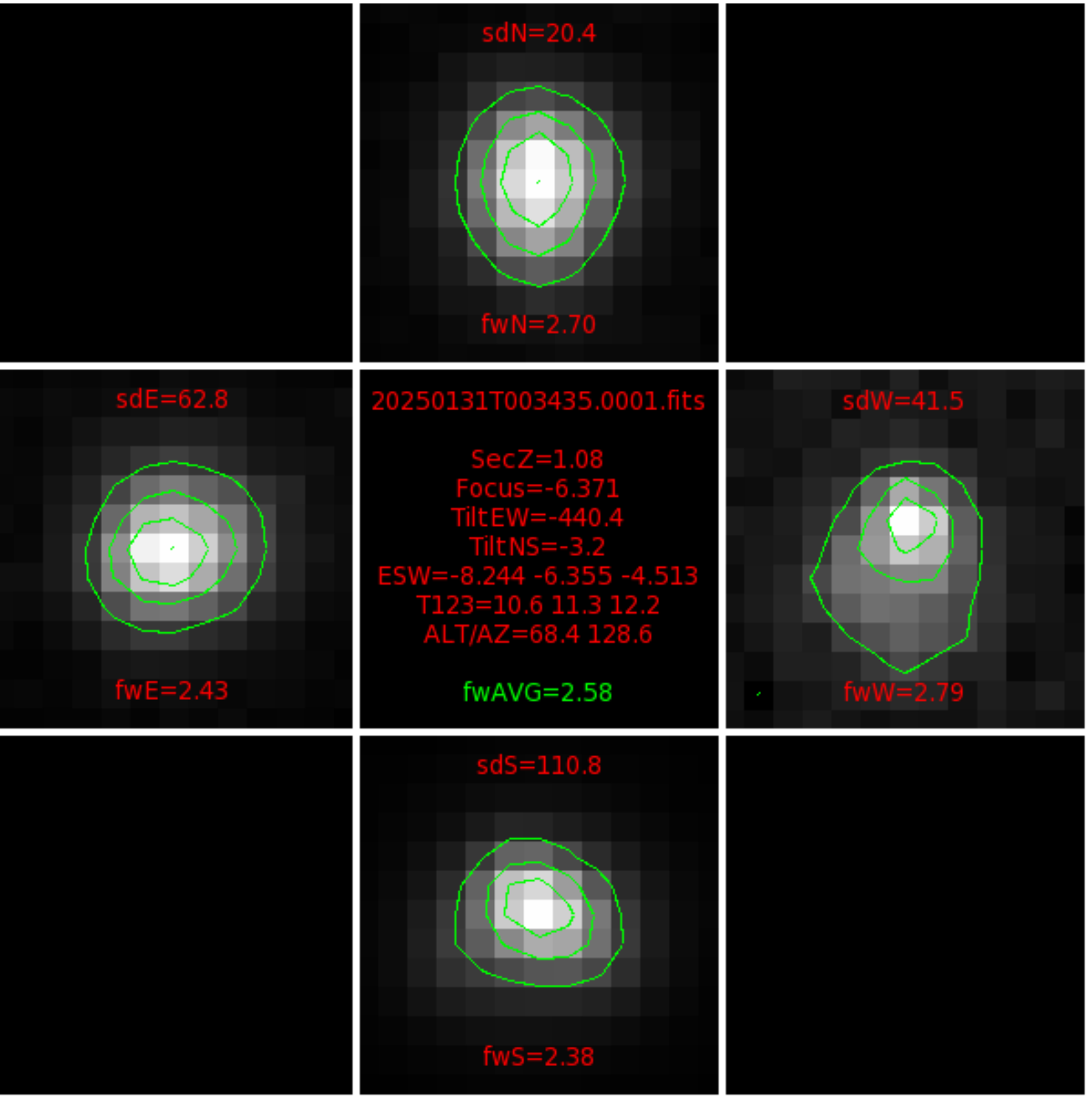

sdN=13.8
fwN=2.98
sdE=40.3
fwE=2.60
20250131T003238.0001.fits
SecZ=1.08
Focus=-6.377
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.250 -6.361 -4.519
T123=10.6 11.3 12.1
ALT/AZ=68.0 127.7
fwAVG=2.77
sdW=15.5
fwW=2.91
sdS=69.5
fwS=2.58
0 0 0 0 0 0 0 0 0


sdN=20.4
fwN=2.70
sdE=62.8
fwE=2.43
20250131T003435.0001.fits
SecZ=1.08
Focus=-6.371
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.244 -6.355 -4.513
T123=10.6 11.3 12.2
ALT/AZ=68.4 128.6
fwAVG=2.58
sdW=41.5
fwW=2.79
sdS=110.8
fwS=2.38
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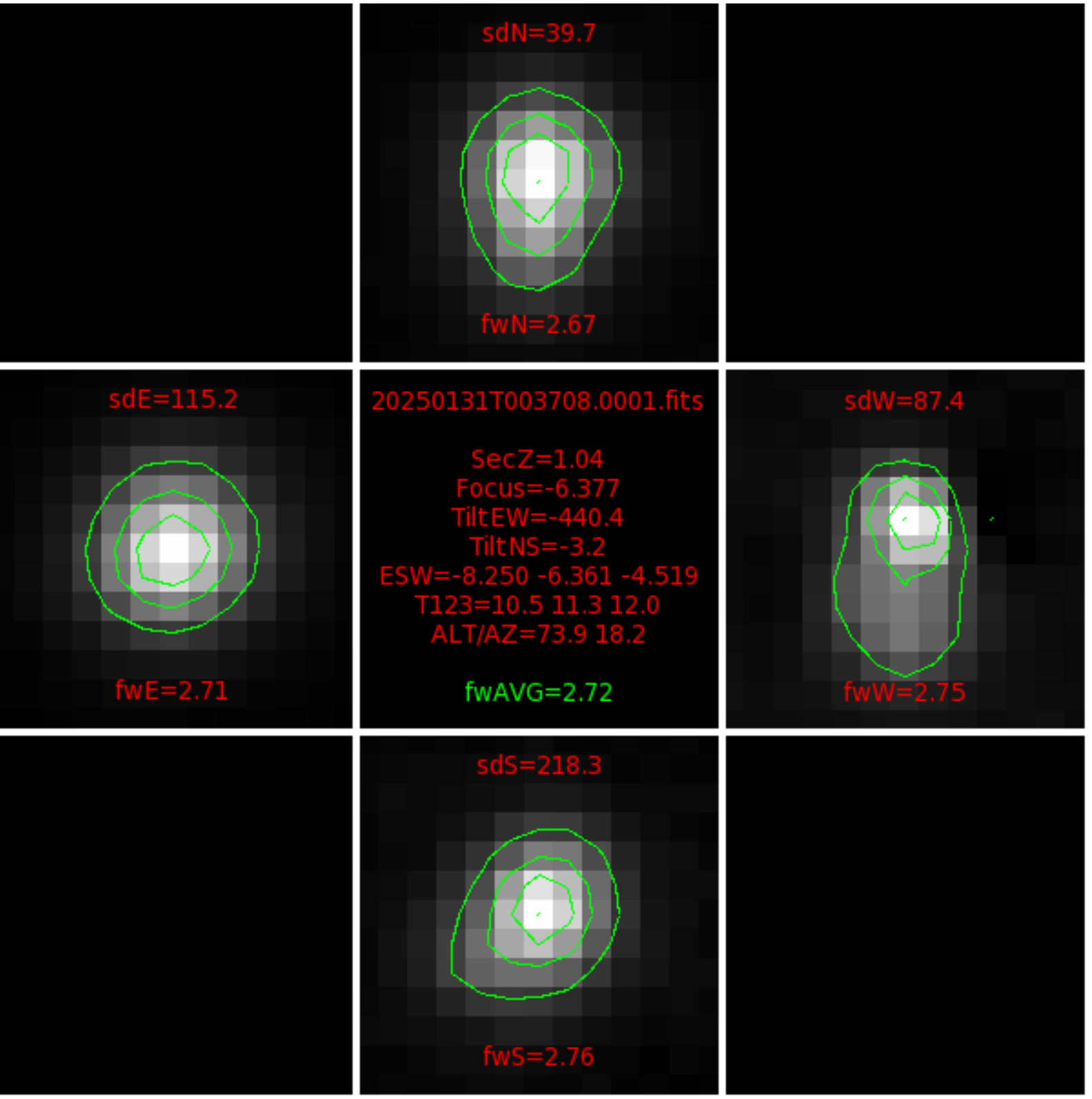
sdN=39.7
fwN=2.67
sdE=115.2
fwE=2.71
20250131T003708.0001.fits
SecZ=1.04
Focus=-6.377
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.250 -6.361 -4.519
T123=10.5 11.3 12.0
ALT/AZ=73.9 18.2
fwAVG=2.72
sdW=87.4
fwW=2.75
sdS=218.3
fwS=2.76
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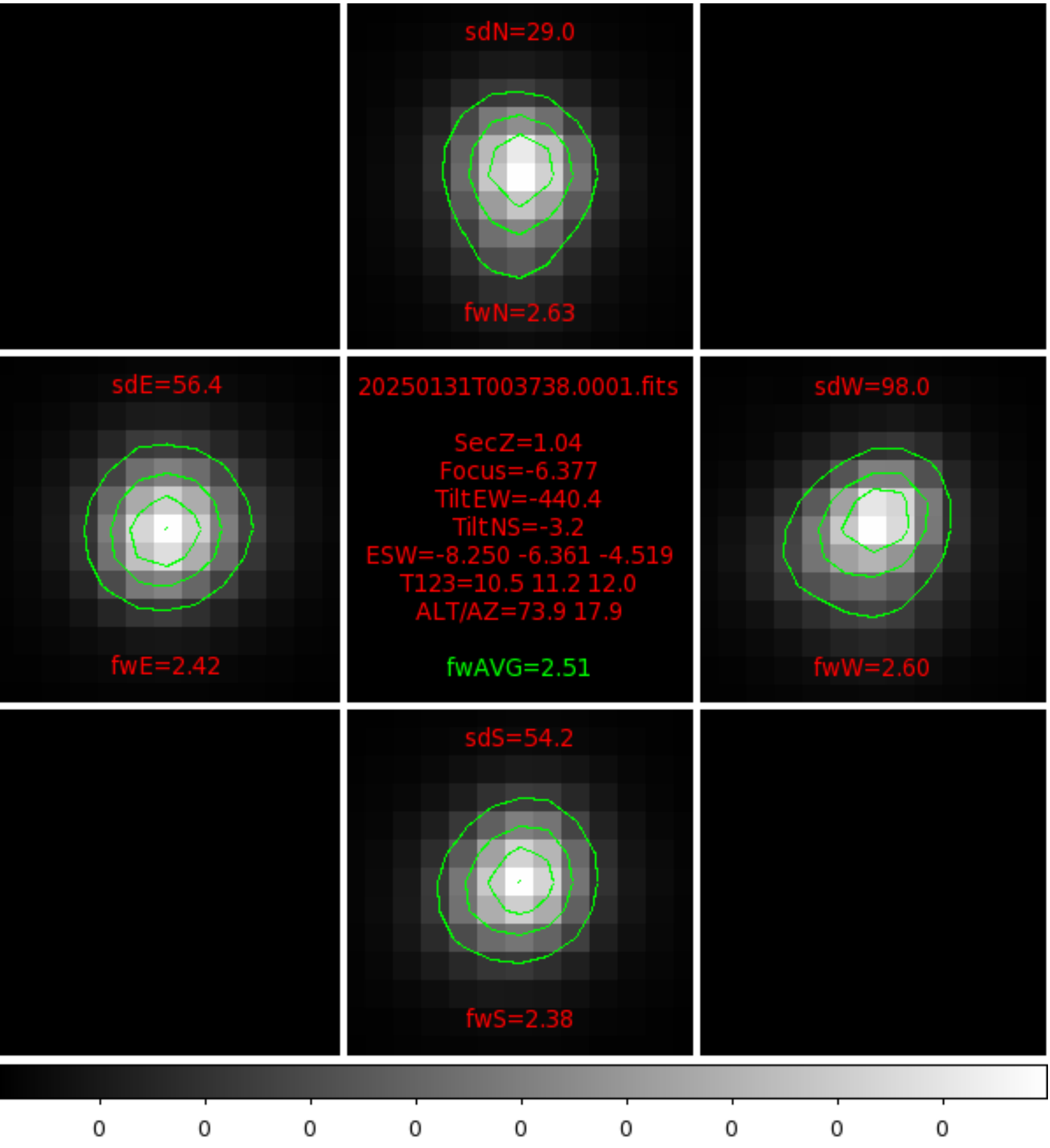
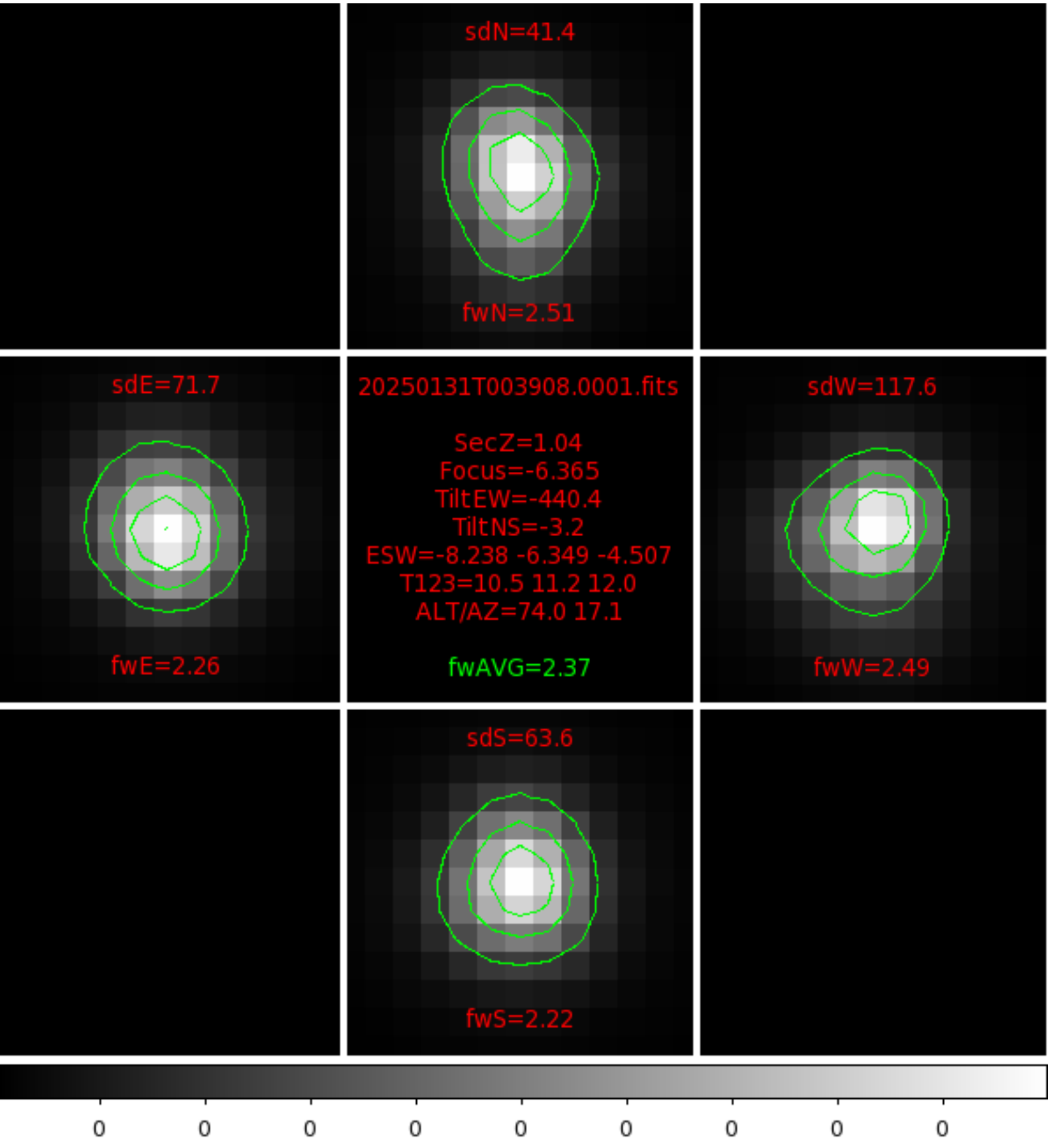
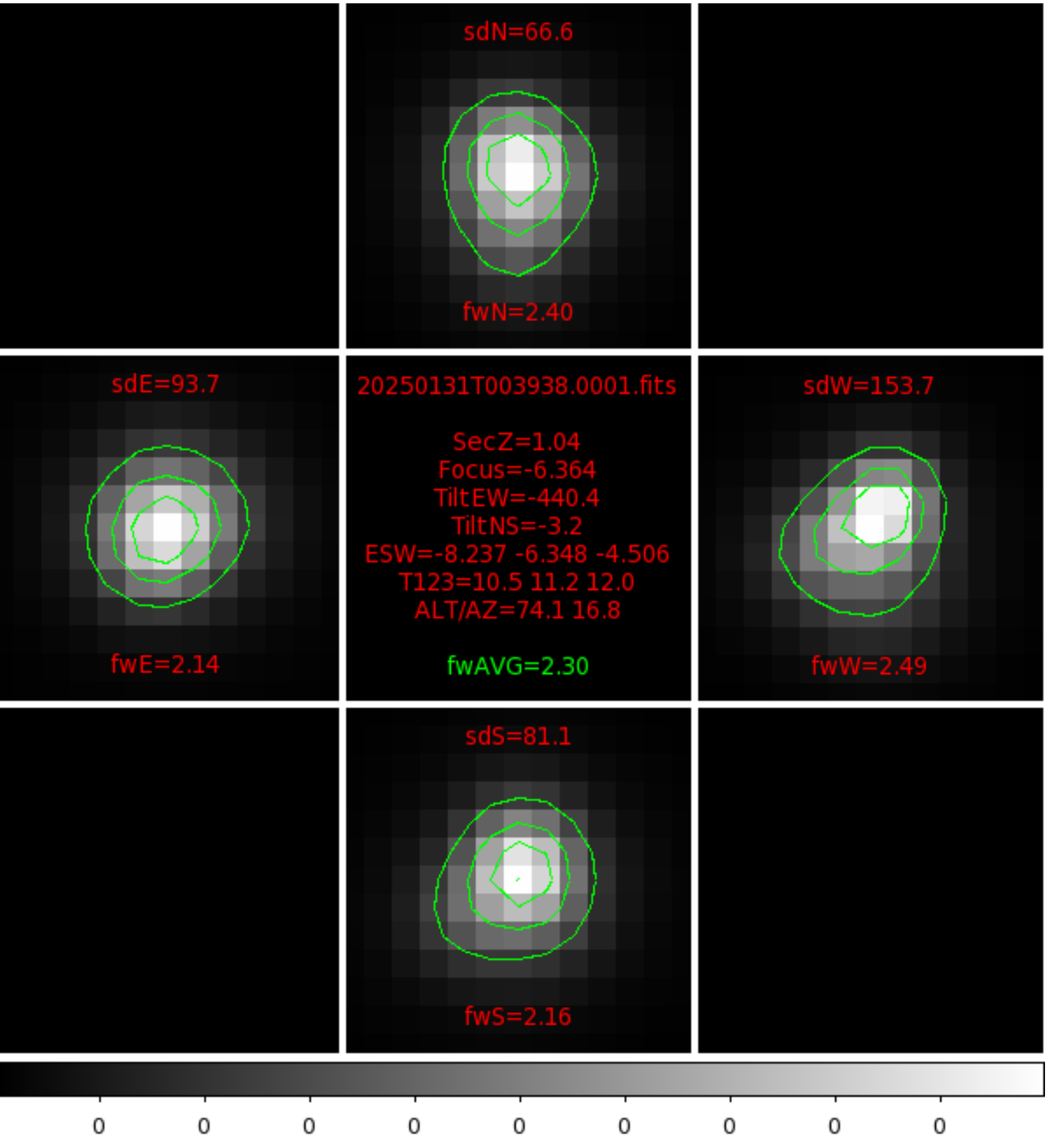

sdN=29.0
fwN=2.63
sdE=56.4
fwE=2.42
20250131T003738.0001.fits
SecZ=1.04
Focus=-6.377
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.250 -6.361 -4.519
T123=10.5 11.2 12.0
ALT/AZ=73.9 17.9
fwAVG=2.51
sdW=98.0
fwW=2.60
sdS=54.2
fwS=2.38
0 0 0 0 0 0 0 0 0


sdN=41.4
fwN=2.51
sdE=71.7
fwE=2.26
20250131T003908.0001.fits
SecZ=1.04
Focus=-6.365
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.238 -6.349 -4.507
T123=10.5 11.2 12.0
ALT/AZ=74.0 17.1
fwAVG=2.37
sdW=117.6
fwW=2.49
sdS=63.6
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=66.6
fwN=2.40
sdE=93.7
fwE=2.14
20250131T003938.0001.fits
SecZ=1.04
Focus=-6.364
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.237 -6.348 -4.506
T123=10.5 11.2 12.0
ALT/AZ=74.1 16.8
fwAVG=2.30
sdW=153.7
fwW=2.49
sdS=81.1
fwS=2.16
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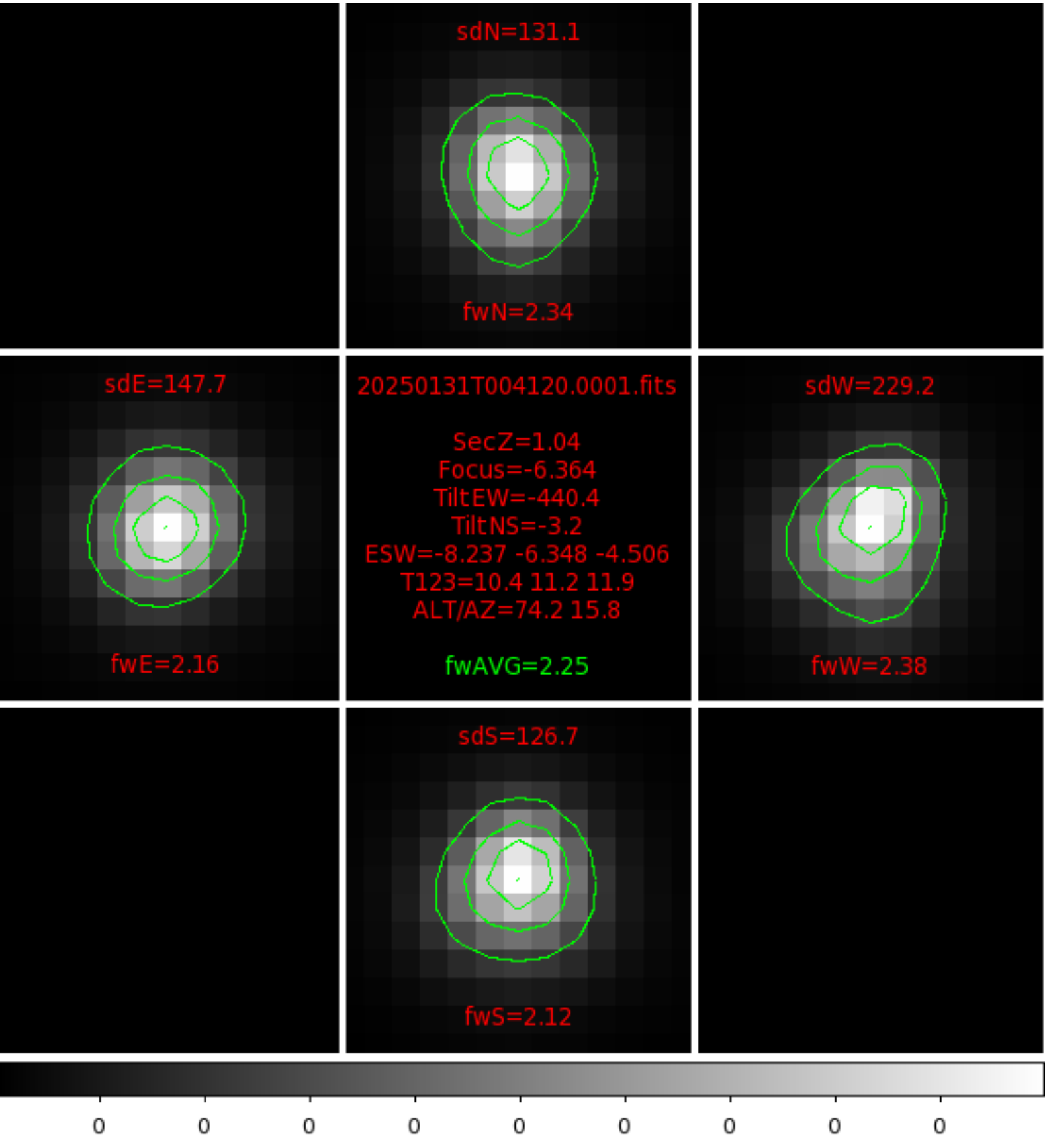
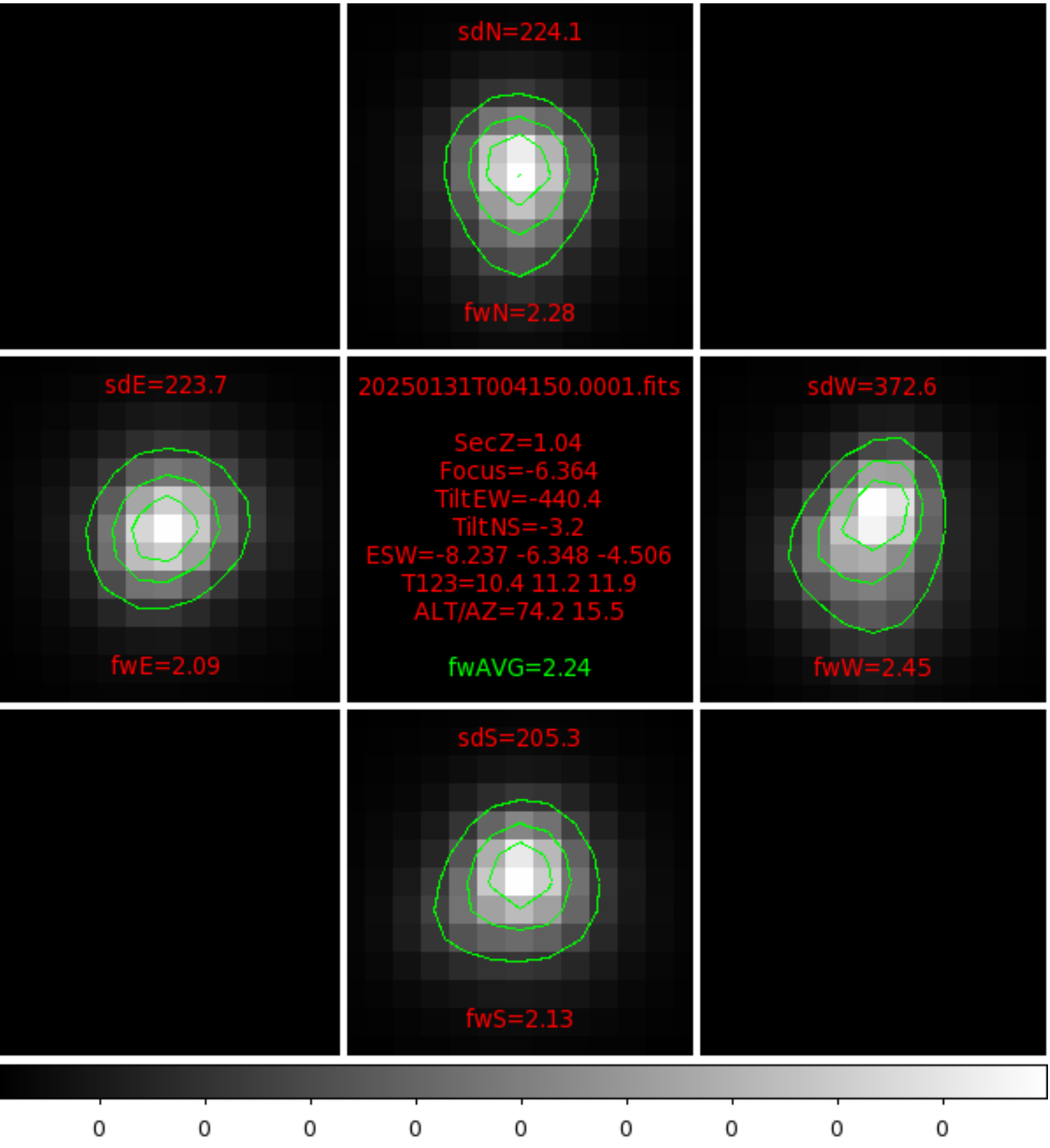
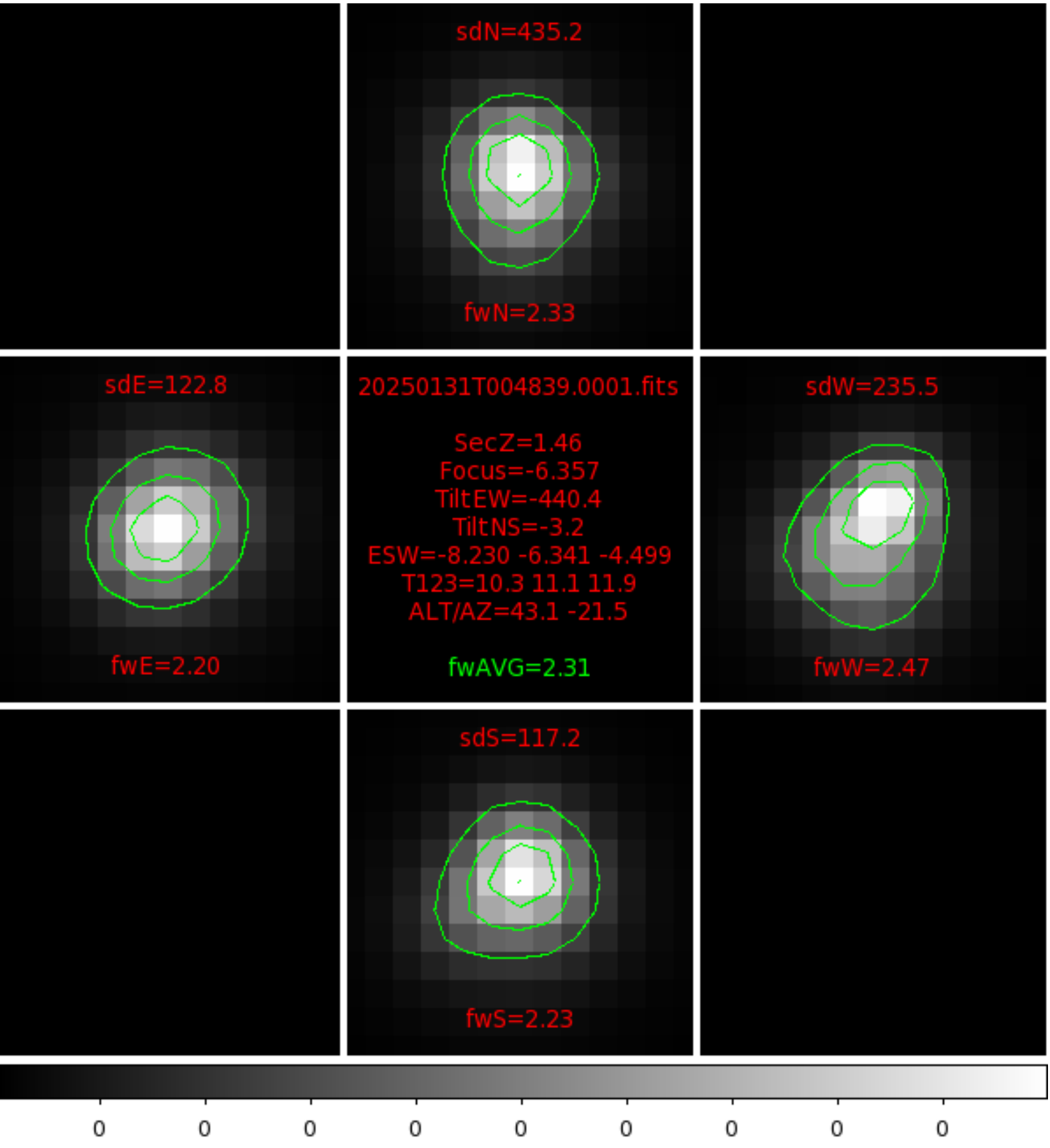
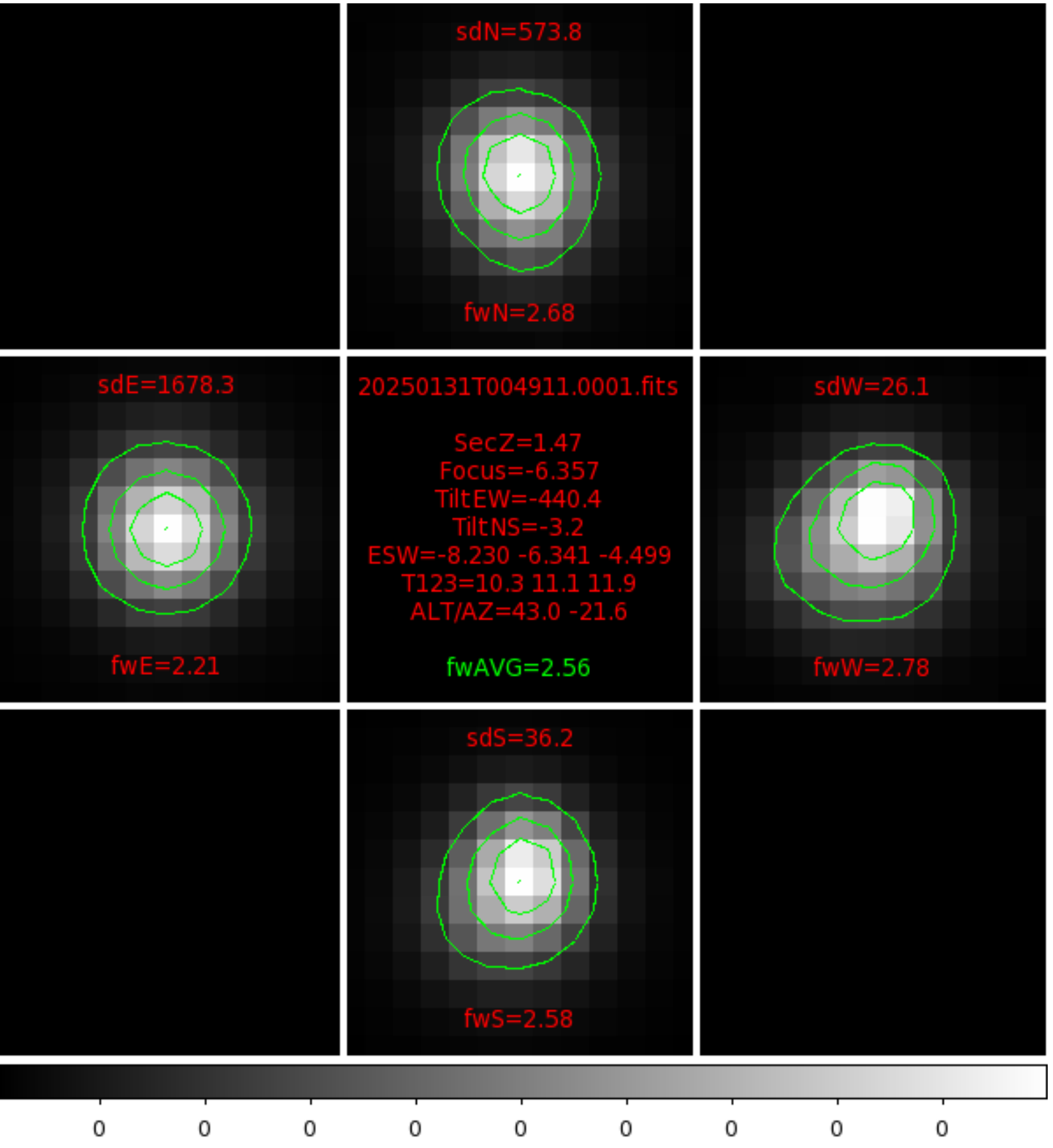

sdN=131.1
fwN=2.34
sdE=147.7
fwE=2.16
20250131T004120.0001.fits
SecZ=1.04
Focus=-6.364
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.237 -6.348 -4.506
T123=10.4 11.2 11.9
ALT/AZ=74.2 15.8
fwAVG=2.25
sdW=229.2
fwW=2.38
sdS=126.7
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=224.1
fwN=2.28
sdE=223.7
fwE=2.09
20250131T004150.0001.fits
SecZ=1.04
Focus=-6.364
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.237 -6.348 -4.506
T123=10.4 11.2 11.9
ALT/AZ=74.2 15.5
fwAVG=2.24
sdW=372.6
fwW=2.45
sdS=205.3
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=435.2
fwN=2.33
sdE=122.8
fwE=2.20
20250131T004839.0001.fits
SecZ=1.46
Focus=-6.357
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.230 -6.341 -4.499
T123=10.3 11.1 11.9
ALT/AZ=43.1 -21.5
fwAVG=2.31
sdW=235.5
fwW=2.47
sdS=117.2
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=573.8
fwN=2.68
sdE=1678.3
fwE=2.21
20250131T004911.0001.fits
SecZ=1.47
Focus=-6.357
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.230 -6.341 -4.499
T123=10.3 11.1 11.9
ALT/AZ=43.0 -21.6
fwAVG=2.56
sdW=26.1
fwW=2.78
sdS=36.2
fwS=2.58
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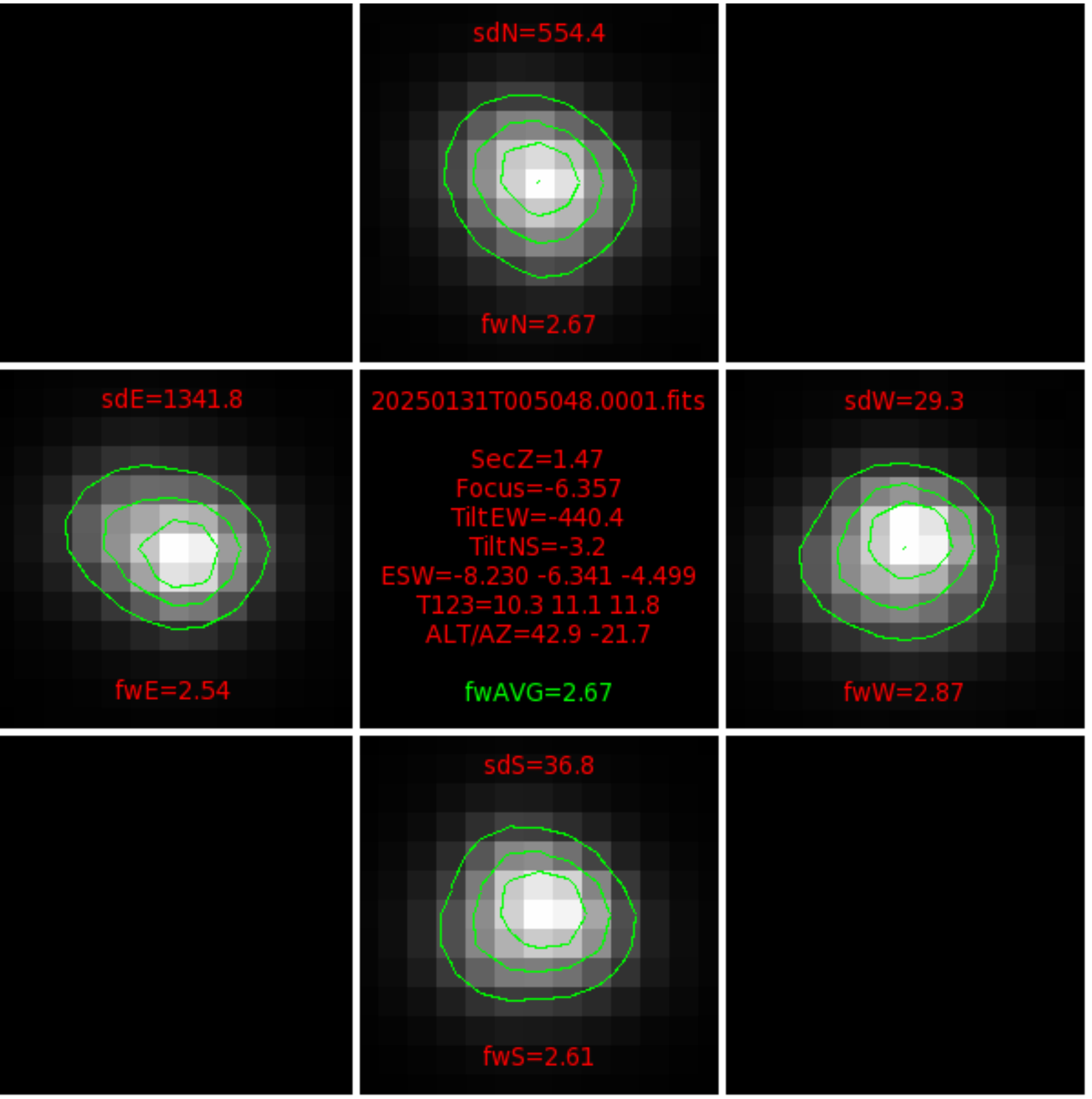
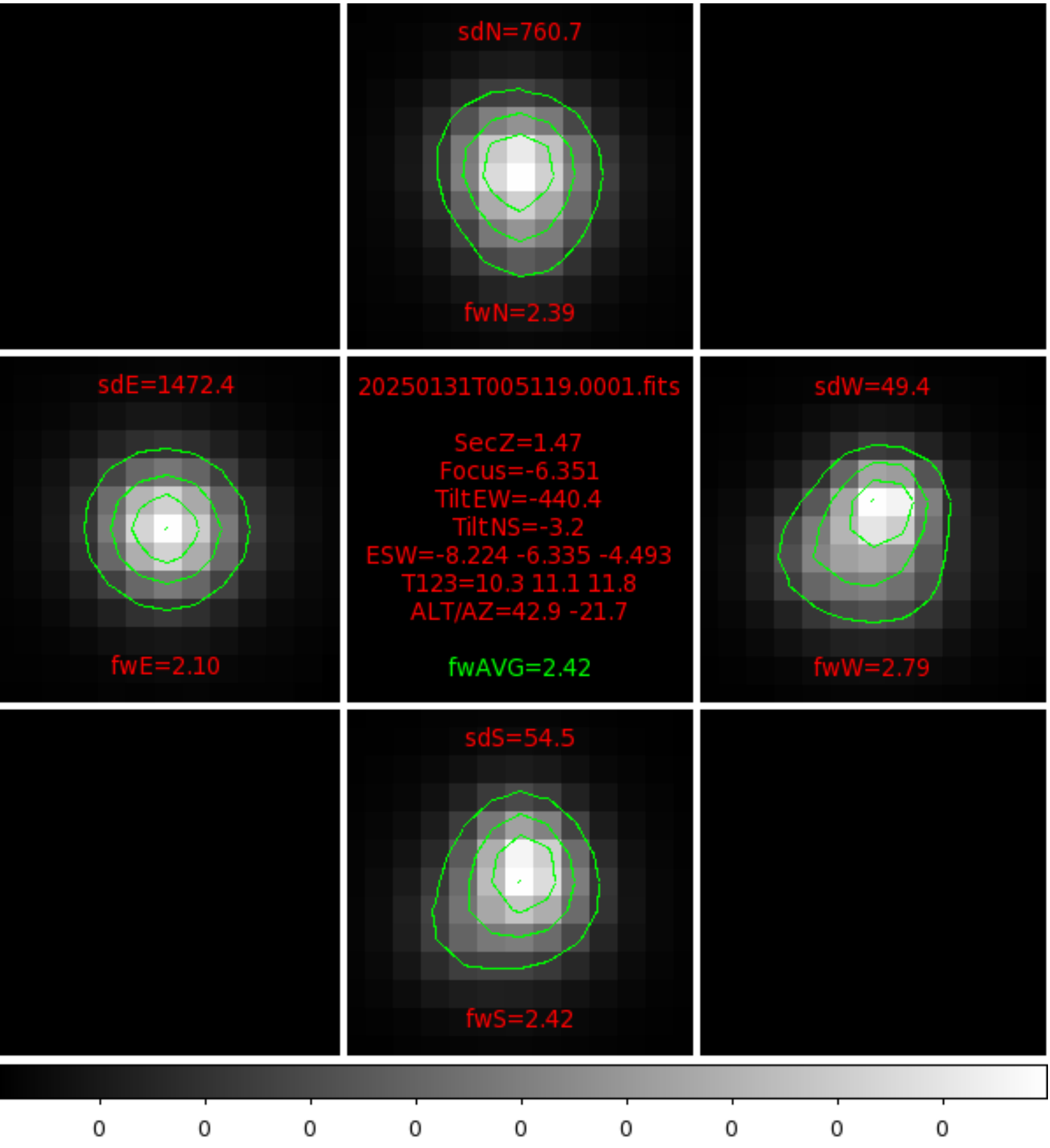

sdN=554.4
fwN=2.67
sdE=1341.8
fwE=2.54
20250131T005048.0001.fits
SecZ=1.47
Focus=-6.357
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.230 -6.341 -4.499
T123=10.3 11.1 11.8
ALT/AZ=42.9 -21.7
fwAVG=2.67
sdW=29.3
fwW=2.87
sdS=36.8
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=760.7
fwN=2.39
sdE=1472.4
fwE=2.10
20250131T005119.0001.fits
SecZ=1.47
Focus=-6.351
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.224 -6.335 -4.493
T123=10.3 11.1 11.8
ALT/AZ=42.9 -21.7
fwAVG=2.42
sdW=49.4
fwW=2.79
sdS=54.5
fwS=2.42
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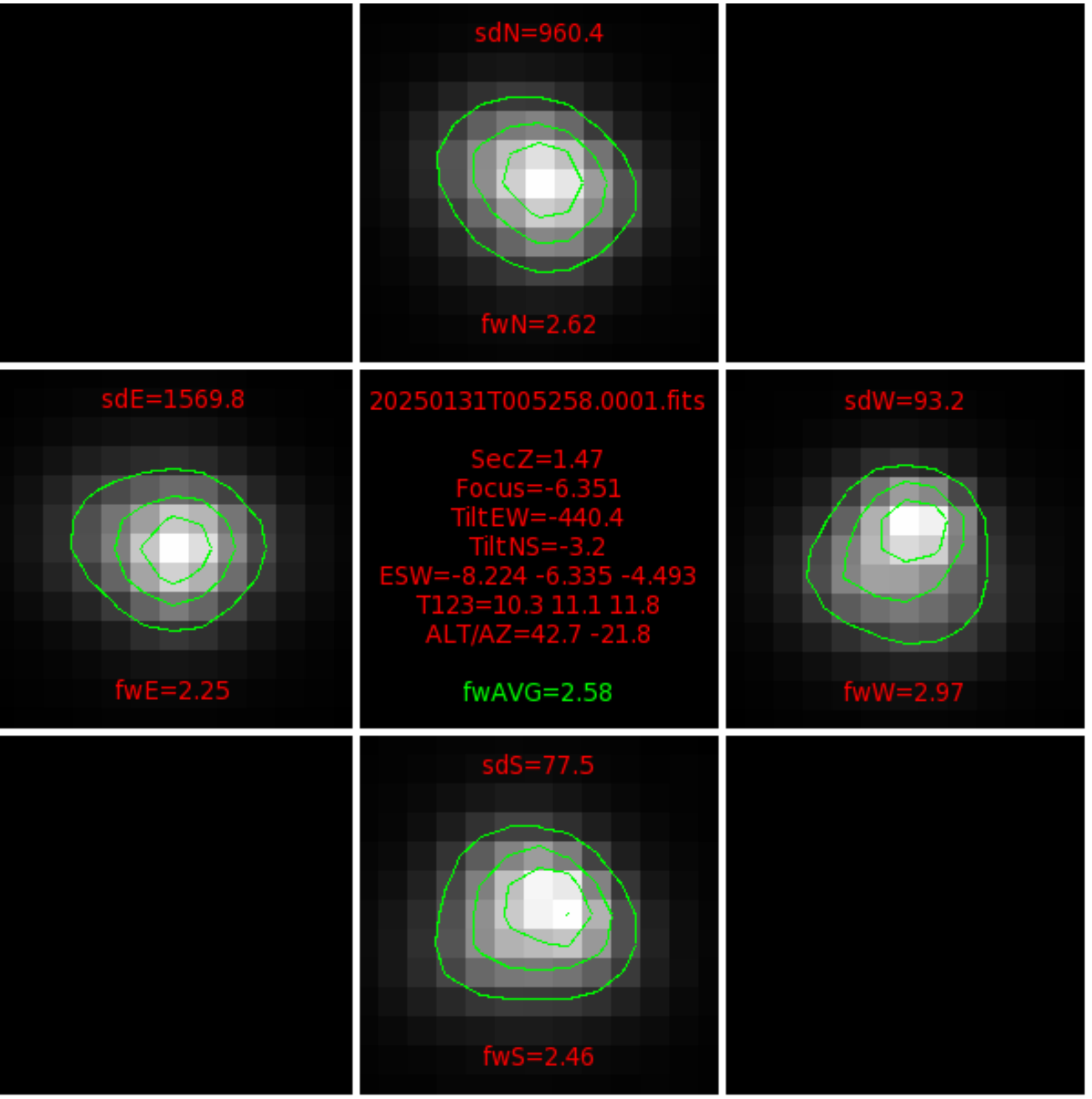
sdN=960.4
fwN=2.62
sdE=1569.8
fwE=2.25
20250131T005258.0001.fits
SecZ=1.47
Focus=-6.351
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.224 -6.335 -4.493
T123=10.3 11.1 11.8
ALT/AZ=42.7 -21.8
fwAVG=2.58
sdW=93.2
fwW=2.97
sdS=77.5
fwS=2.46
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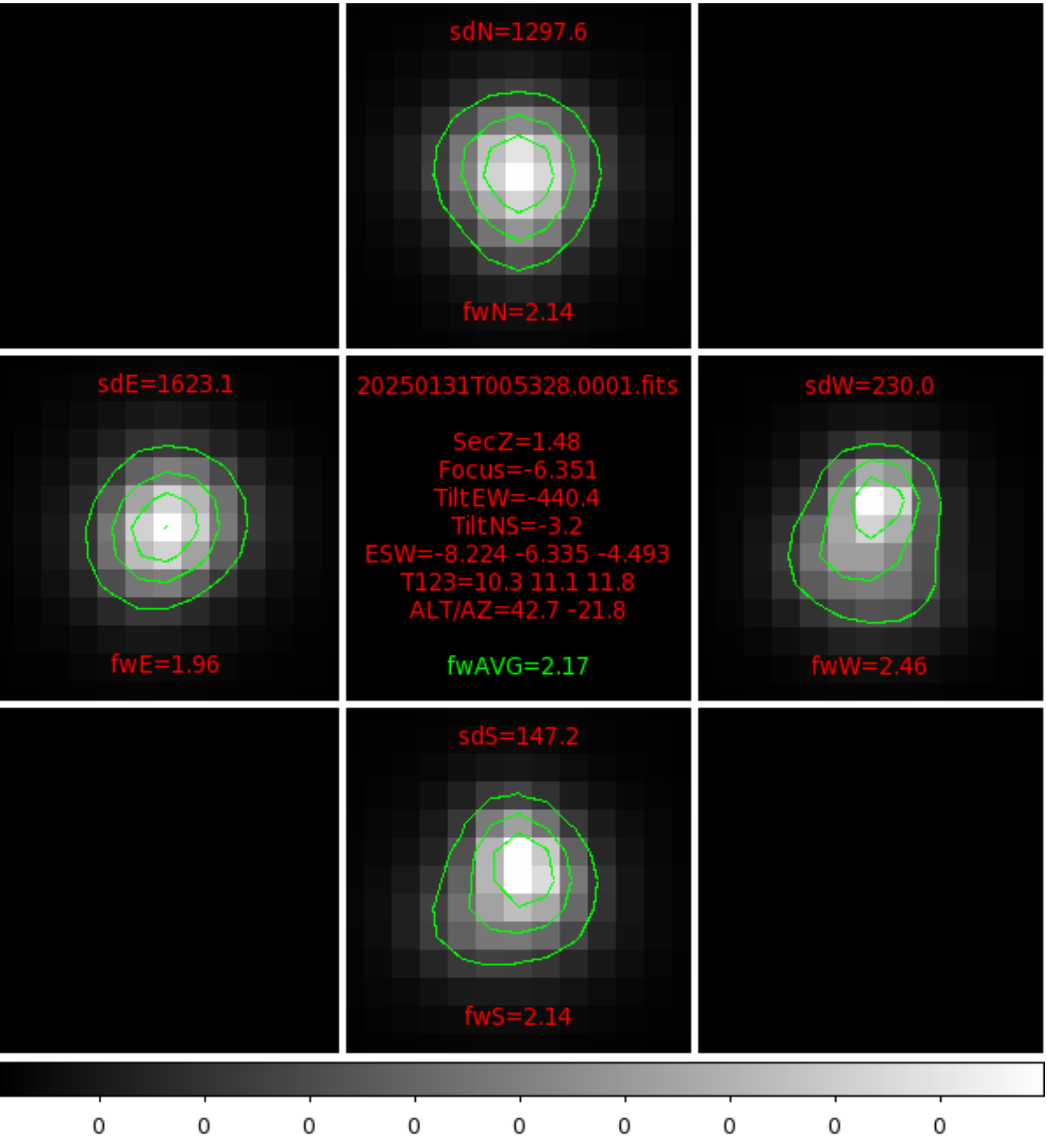
sdN=1297.6
fwN=2.14
sdE=1623.1
fwE=1.96
20250131T005328.0001.fits
SecZ=1.48
Focus=-6.351
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.224 -6.335 -4.493
T123=10.3 11.1 11.8
ALT/AZ=42.7 -21.8
fwAVG=2.17
sdW=230.0
fwW=2.46
sdS=147.2
fwS=2.14
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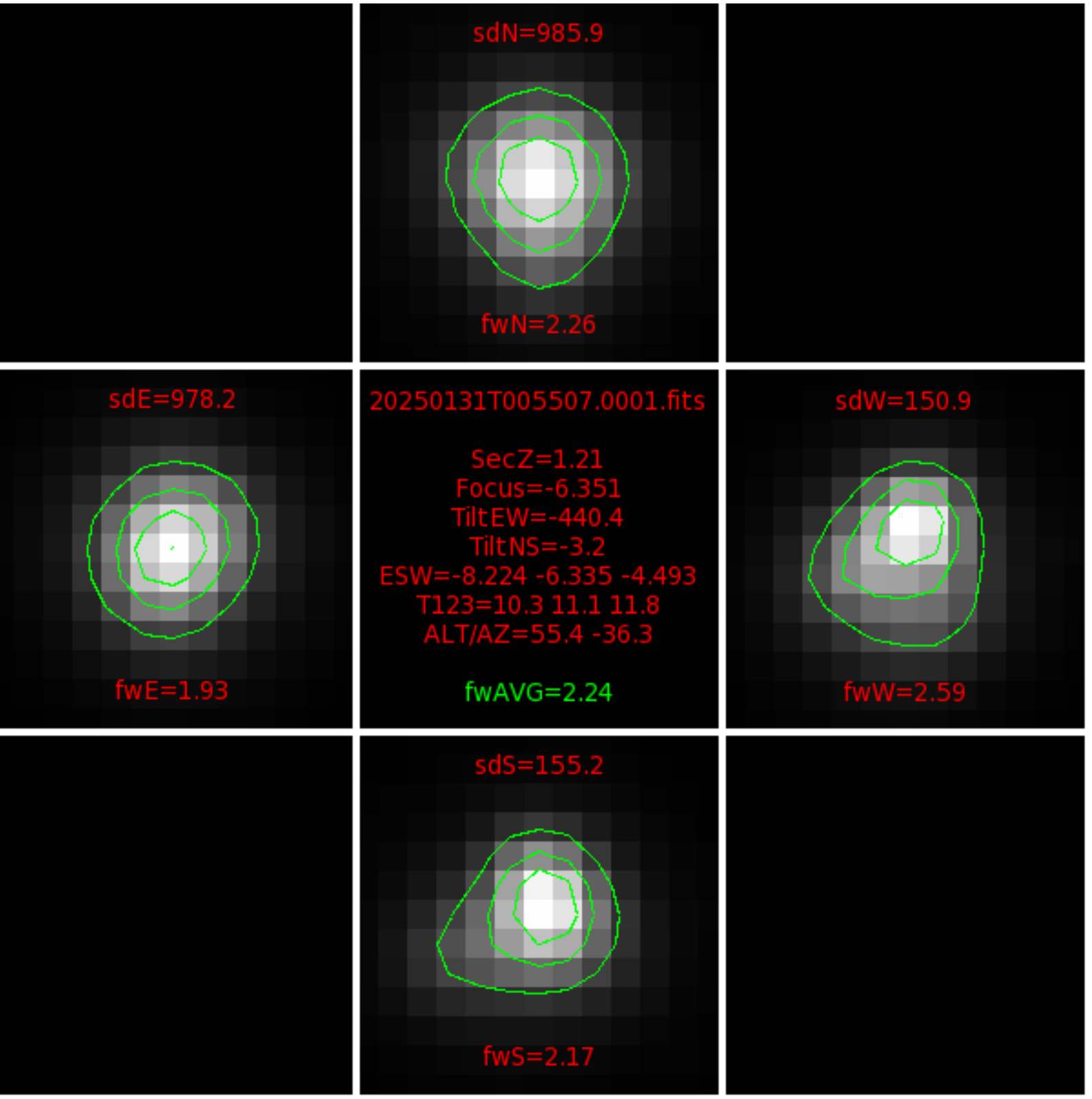
sdN=985.9
fwN=2.26
sdE=978.2
fwE=1.93
20250131T005507.0001.fits
SecZ=1.21
Focus=-6.351
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.224 -6.335 -4.493
T123=10.3 11.1 11.8
ALT/AZ=55.4 -36.3
fwAVG=2.24
sdW=150.9
fwW=2.59
sdS=155.2
fwS=2.17
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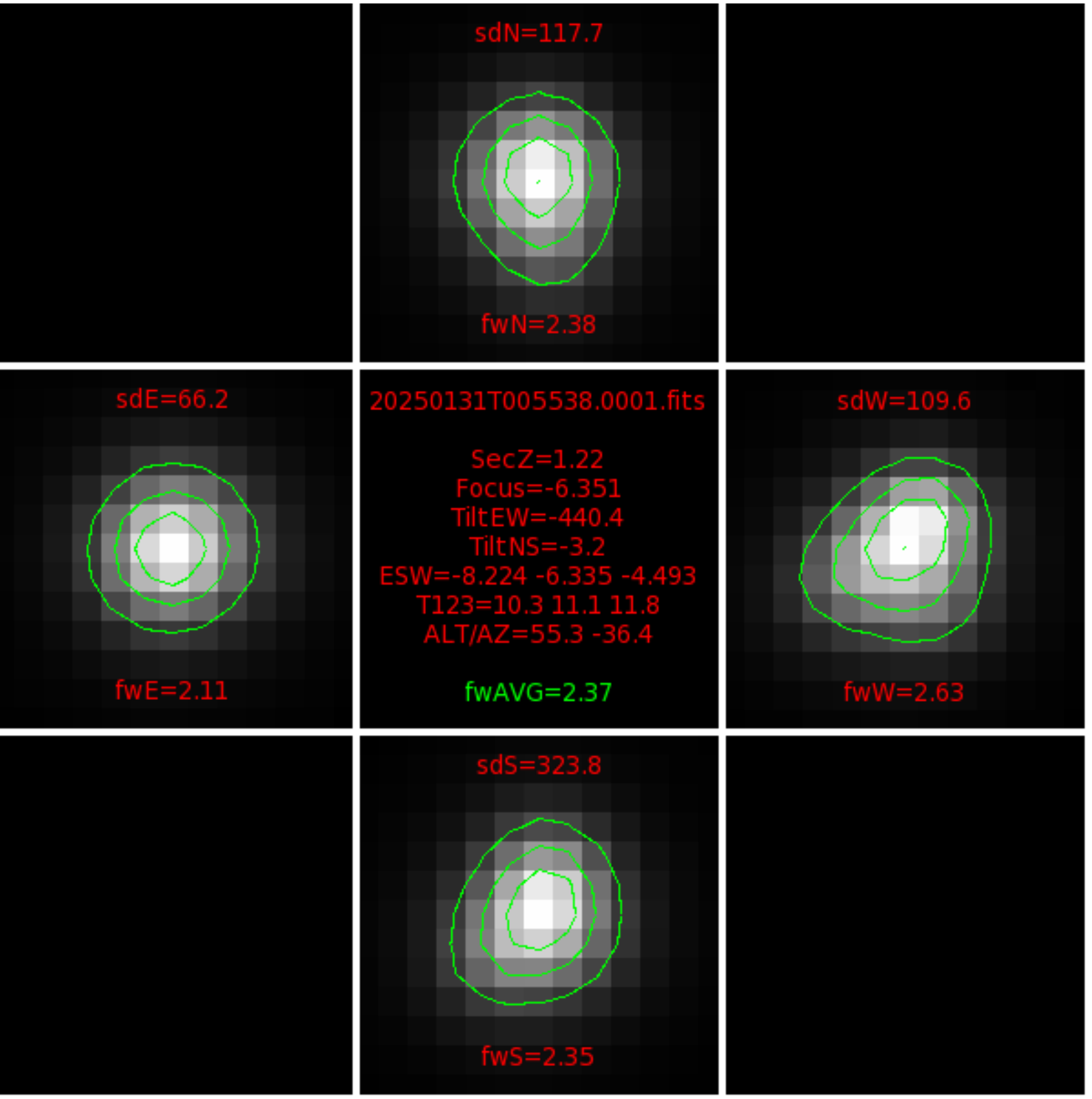
sdN=117.7
fwN=2.38
sdE=66.2
fwE=2.11
20250131T005538.0001.fits
SecZ=1.22
Focus=-6.351
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.224 -6.335 -4.493
T123=10.3 11.1 11.8
ALT/AZ=55.3 -36.4
fwAVG=2.37
sdW=109.6
fwW=2.63
sdS=323.8
fwS=2.35
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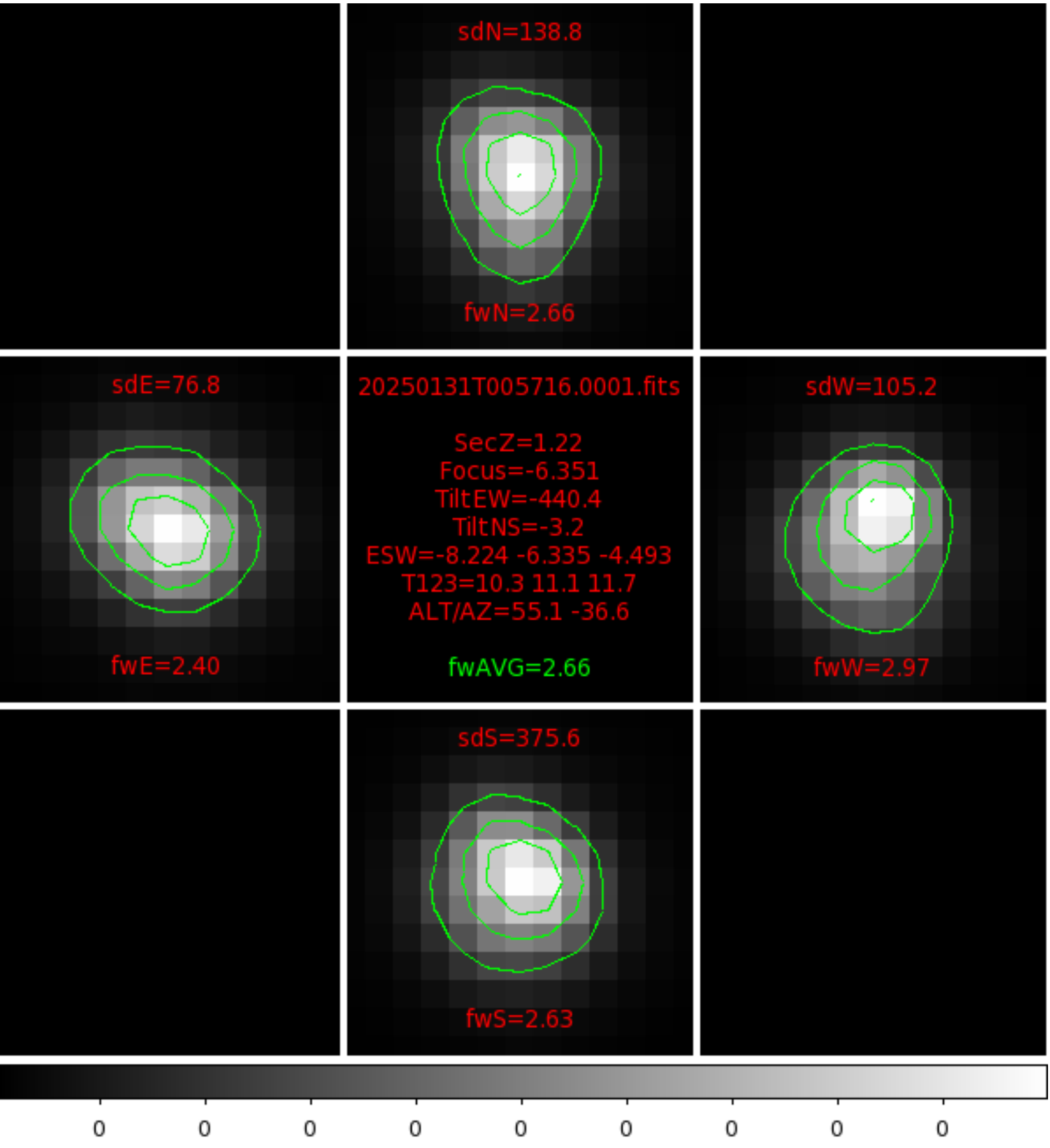
sdN=138.8
fwN=2.66
sdE=76.8
fwE=2.40
20250131T005716.0001.fits
SecZ=1.22
Focus=-6.351
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.224 -6.335 -4.493
T123=10.3 11.1 11.7
ALT/AZ=55.1 -36.6
fwAVG=2.66
sdW=105.2
fwW=2.97
sdS=375.6
fwS=2.63
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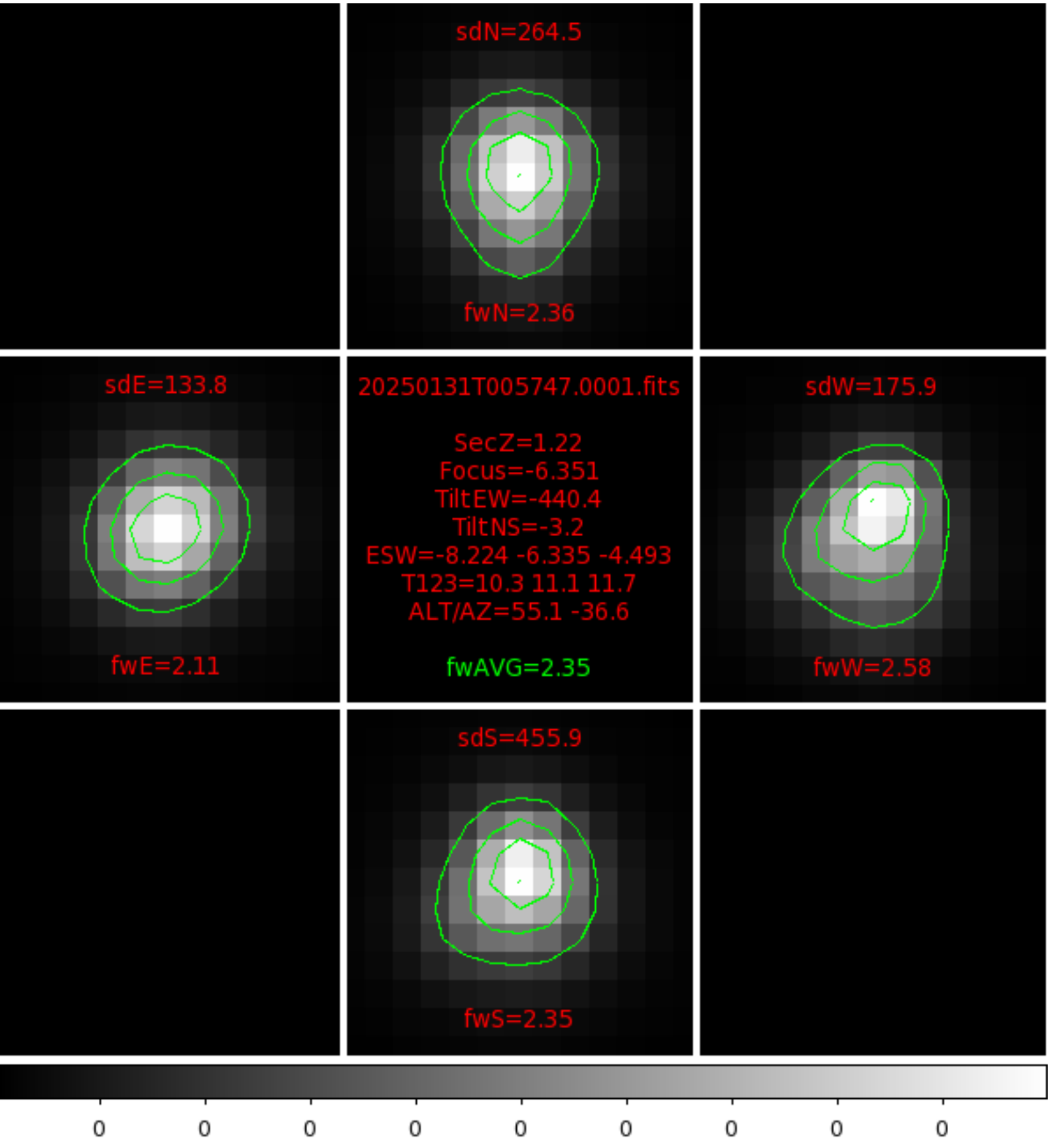
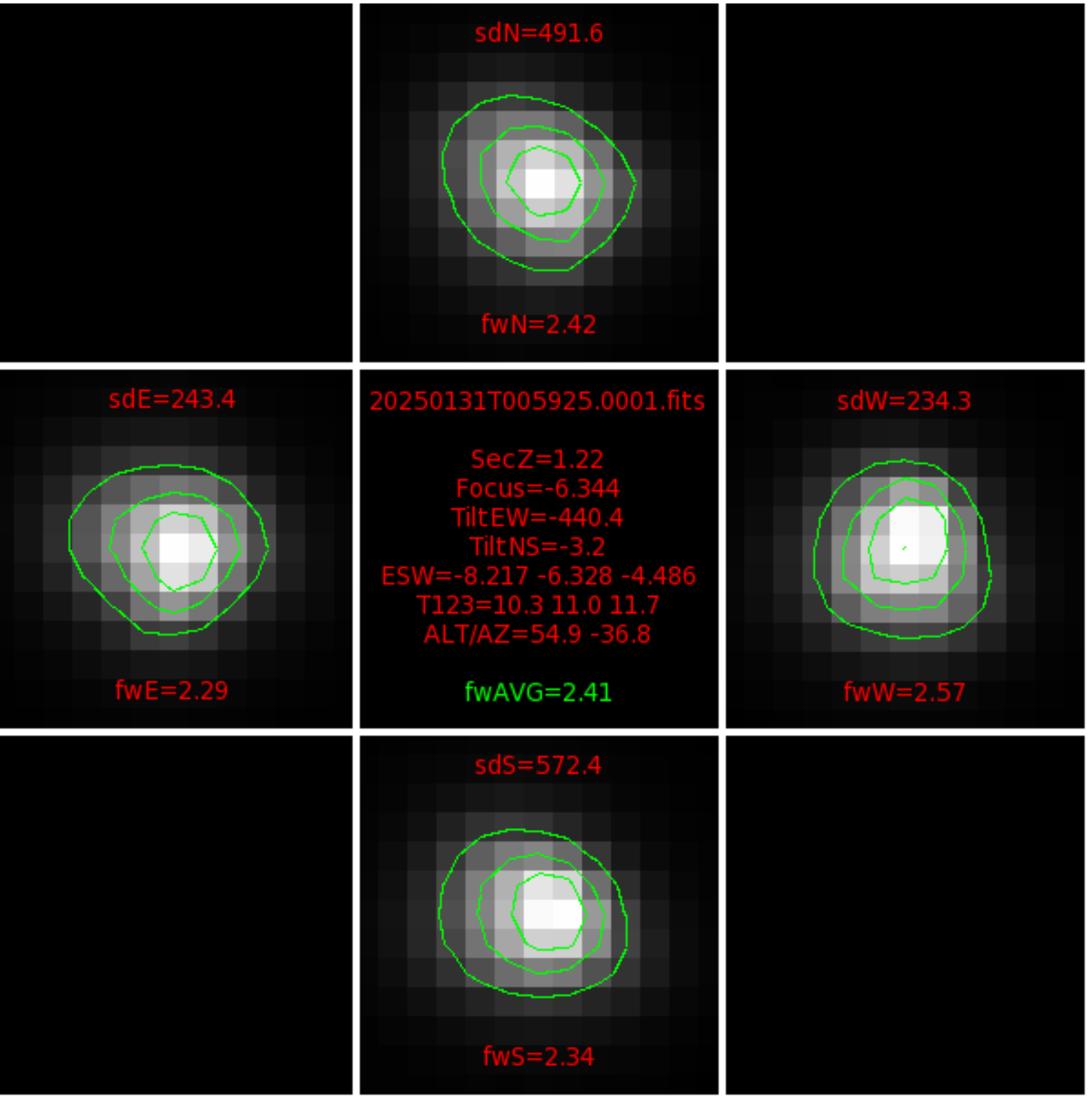
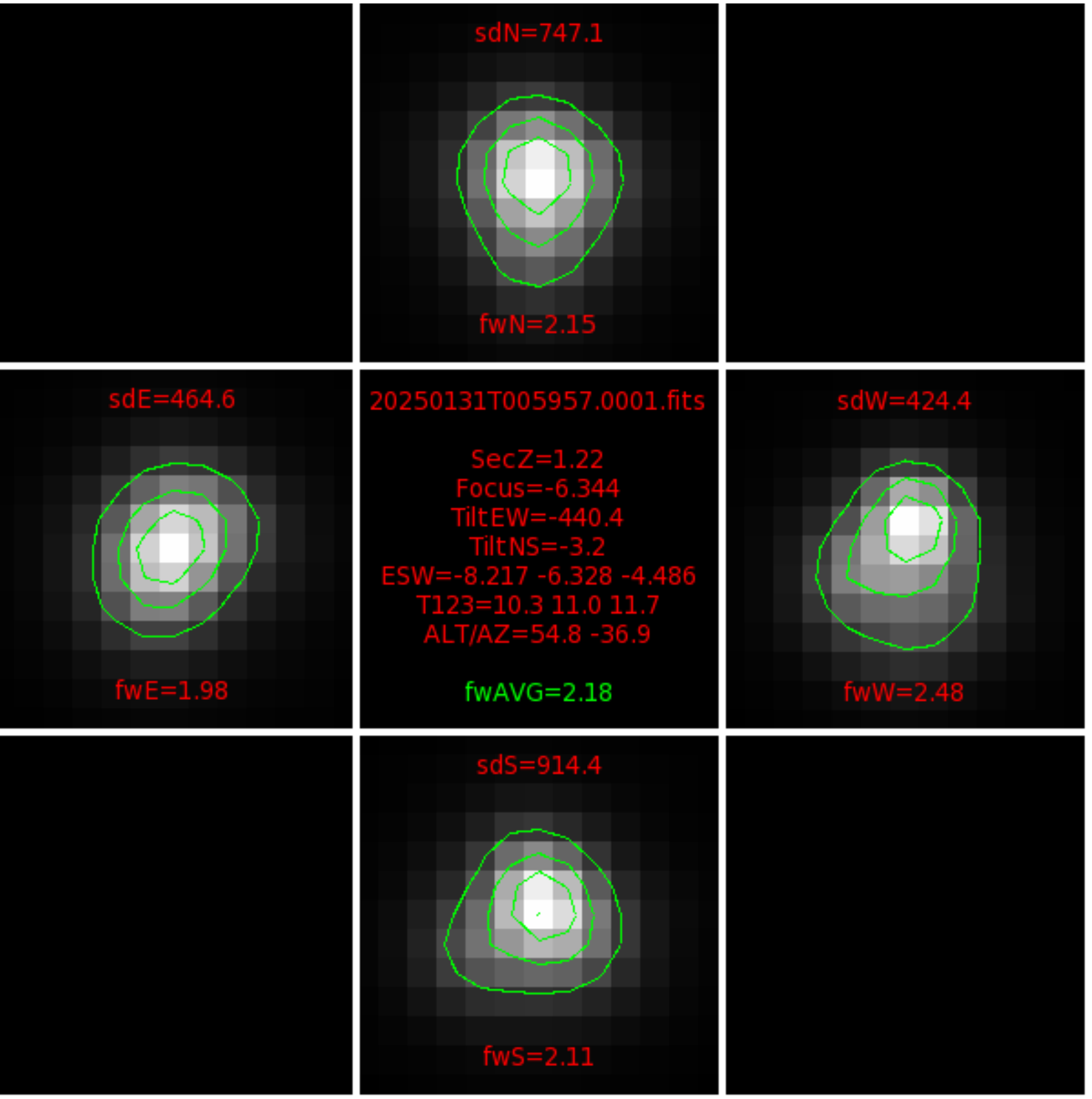
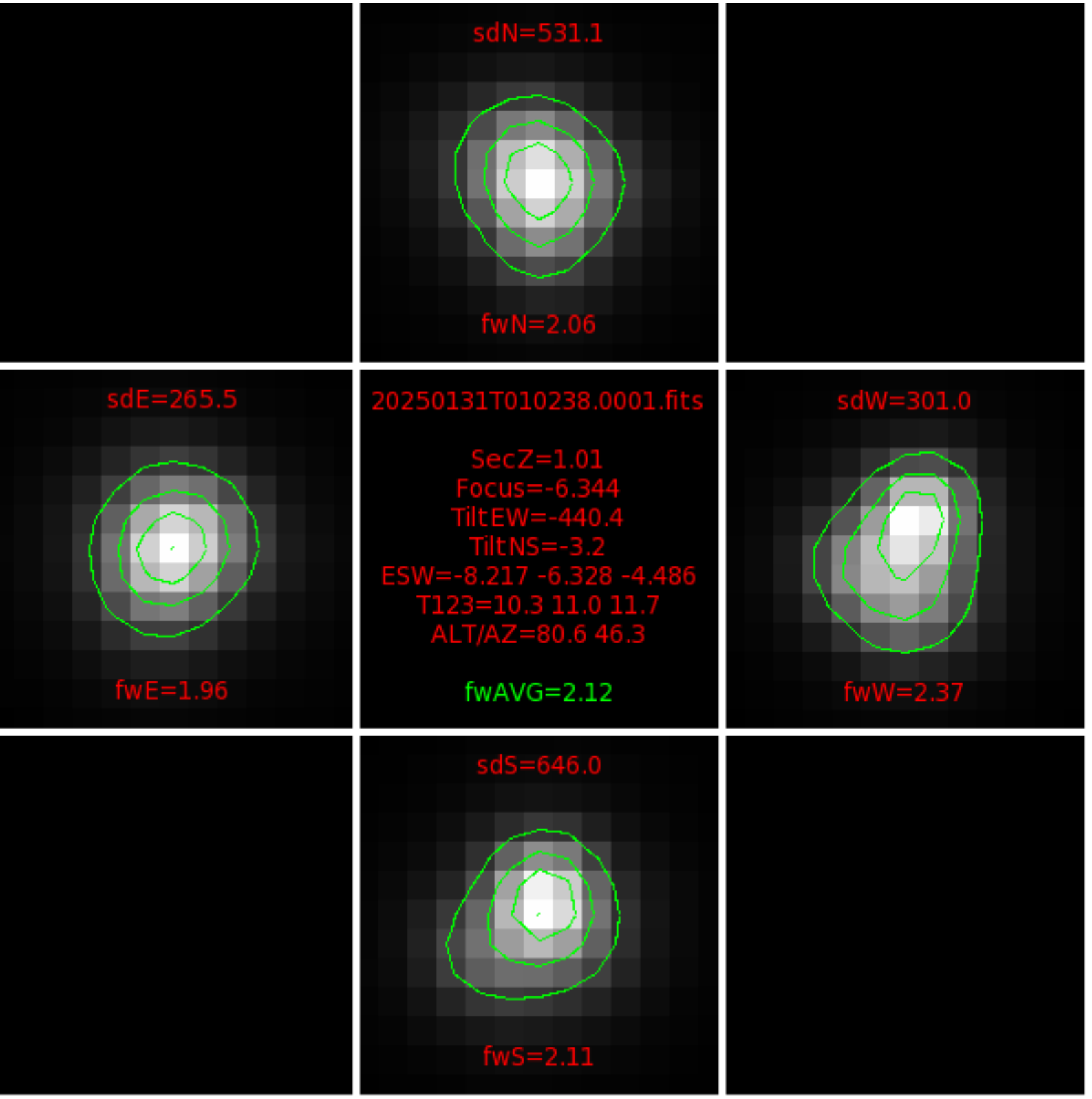

sdN=264.5
fwN=2.36
sdE=133.8
fwE=2.11
20250131T005747.0001.fits
SecZ=1.22
Focus=-6.351
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.224 -6.335 -4.493
T123=10.3 11.1 11.7
ALT/AZ=55.1 -36.6
fwAVG=2.35
sdW=175.9
fwW=2.58
sdS=455.9
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=491.6
fwN=2.42
sdE=243.4
fwE=2.29
20250131T005925.0001.fits
SecZ=1.22
Focus=-6.344
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.217 -6.328 -4.486
T123=10.3 11.0 11.7
ALT/AZ=54.9 -36.8
fwAVG=2.41
sdW=234.3
fwW=2.57
sdS=572.4
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=747.1
fwN=2.15
sdE=464.6
fwE=1.98
20250131T005957.0001.fits
SecZ=1.22
Focus=-6.344
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.217 -6.328 -4.486
T123=10.3 11.0 11.7
ALT/AZ=54.8 -36.9
fwAVG=2.18
sdW=424.4
fwW=2.48
sdS=914.4
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=531.1
fwN=2.06
sdE=265.5
fwE=1.96
20250131T010238.0001.fits
SecZ=1.01
Focus=-6.344
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.217 -6.328 -4.486
T123=10.3 11.0 11.7
ALT/AZ=80.6 46.3
fwAVG=2.12
sdW=301.0
fwW=2.37
sdS=646.0
fwS=2.11
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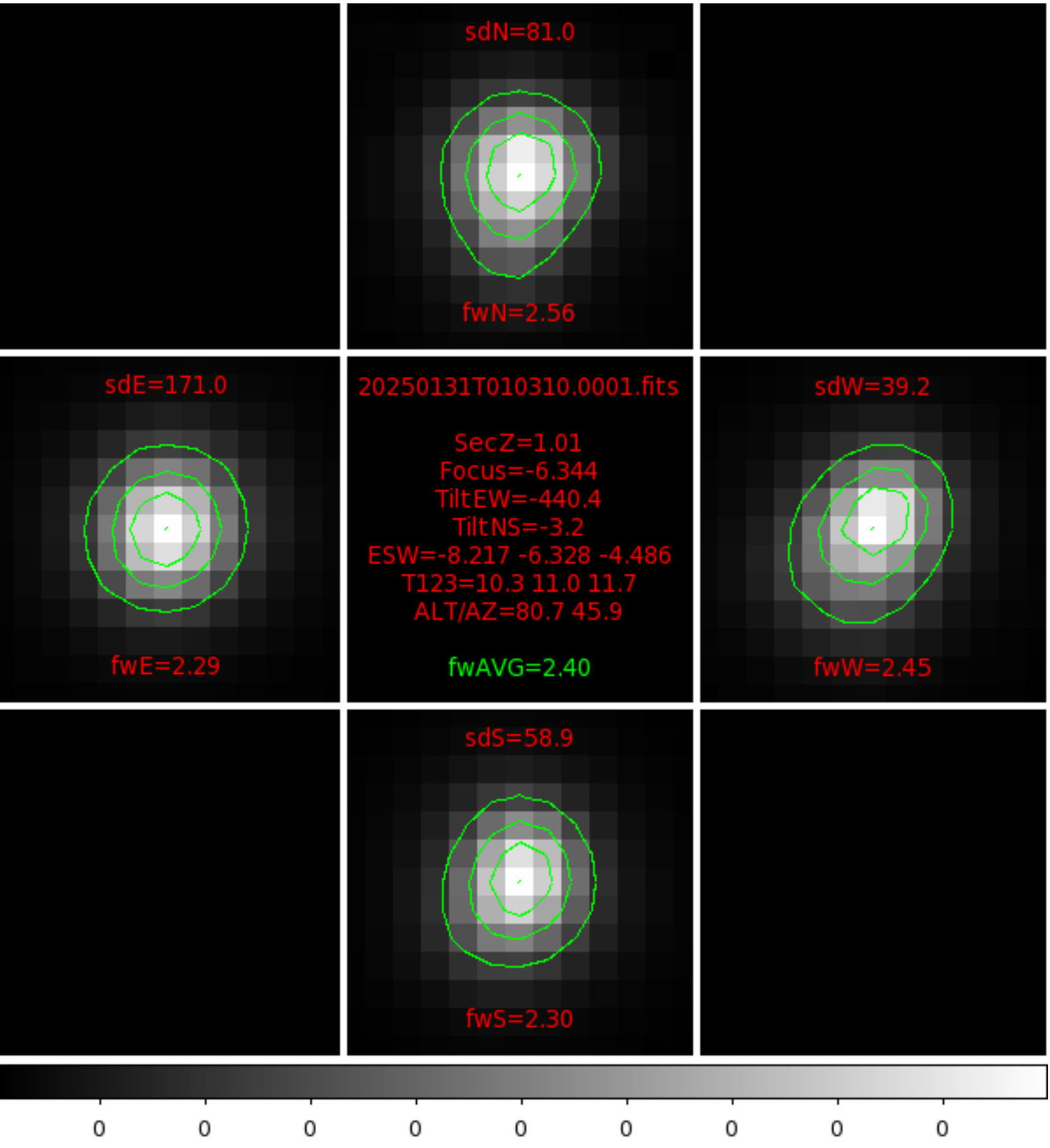
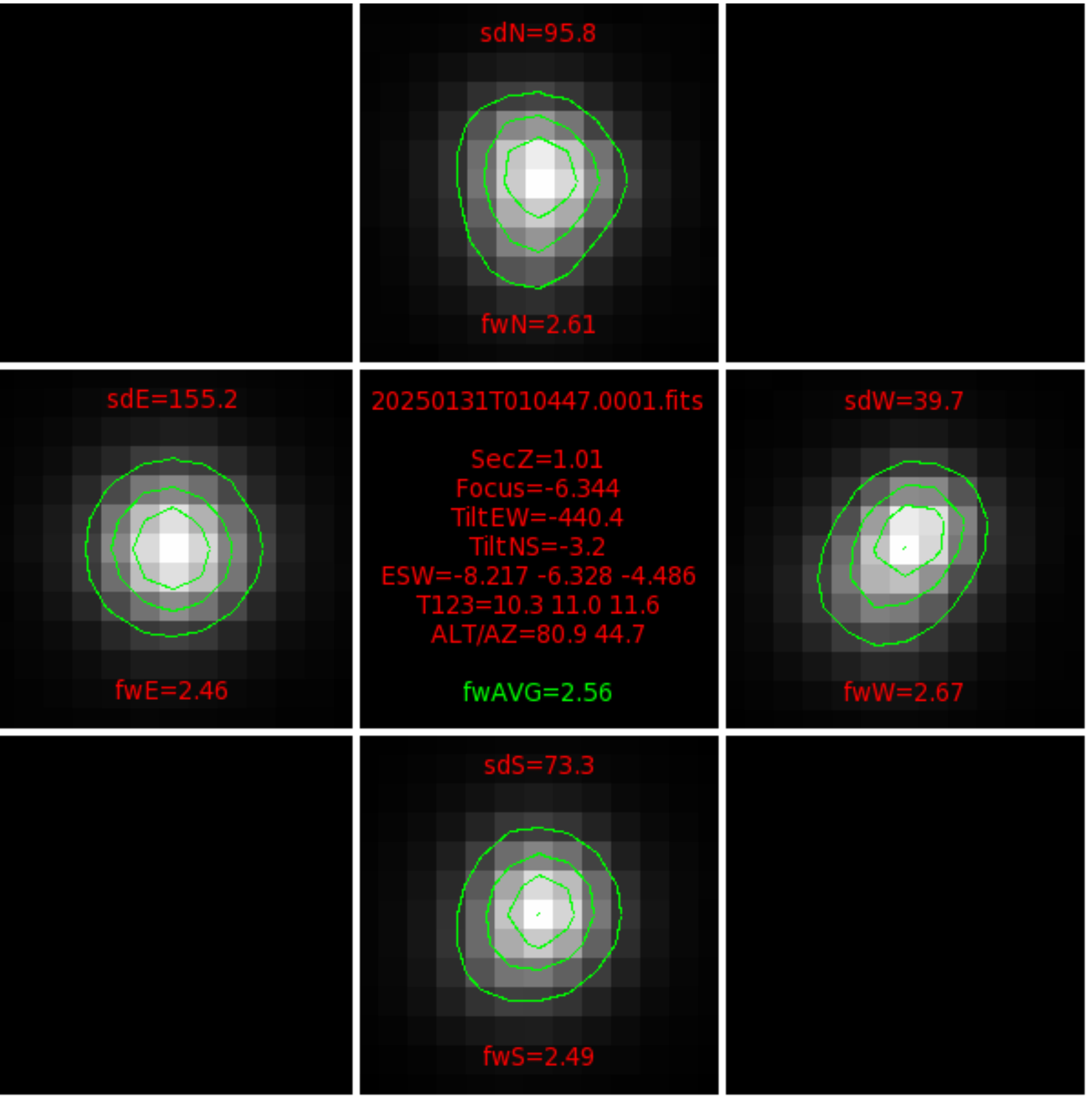
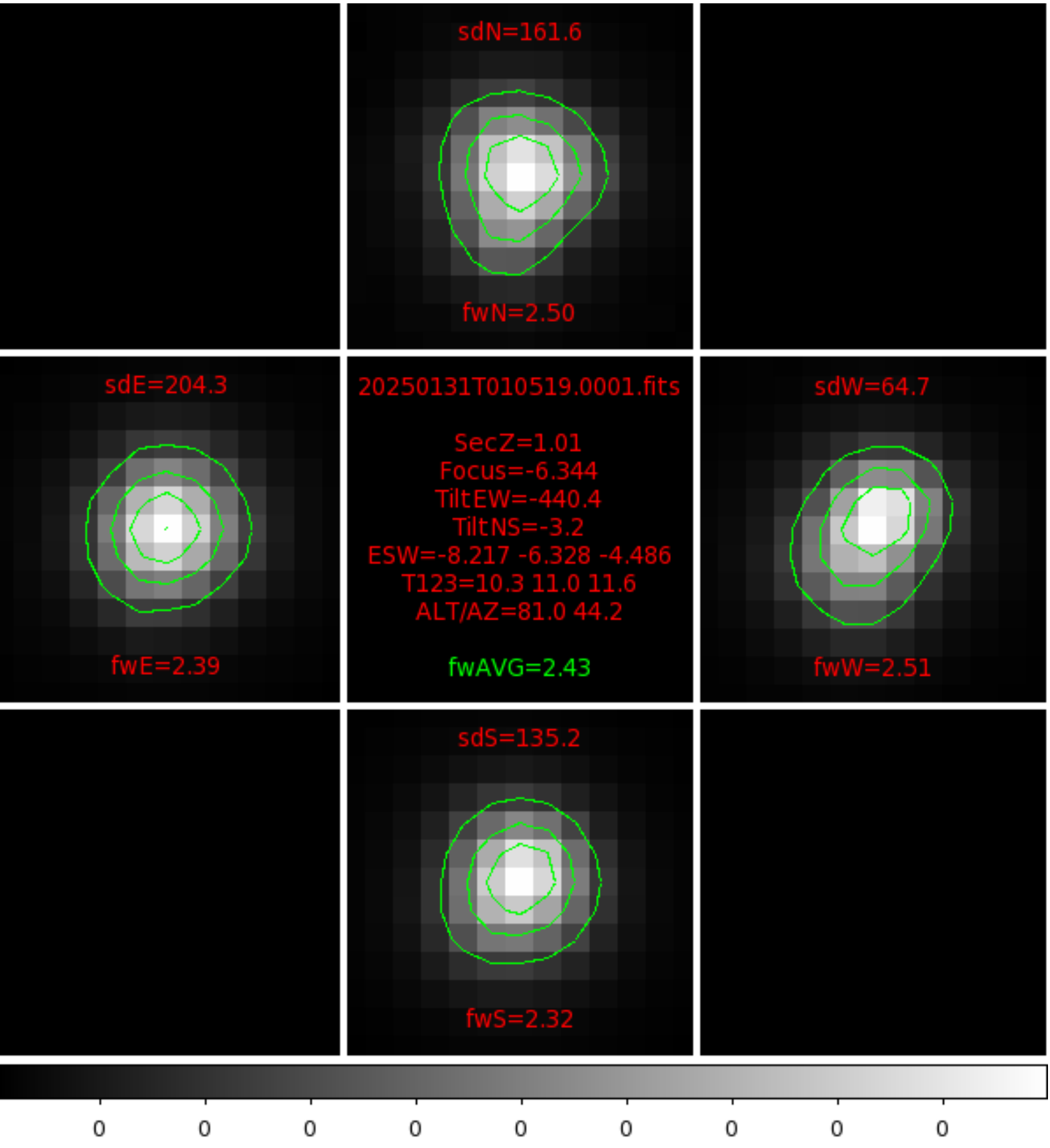
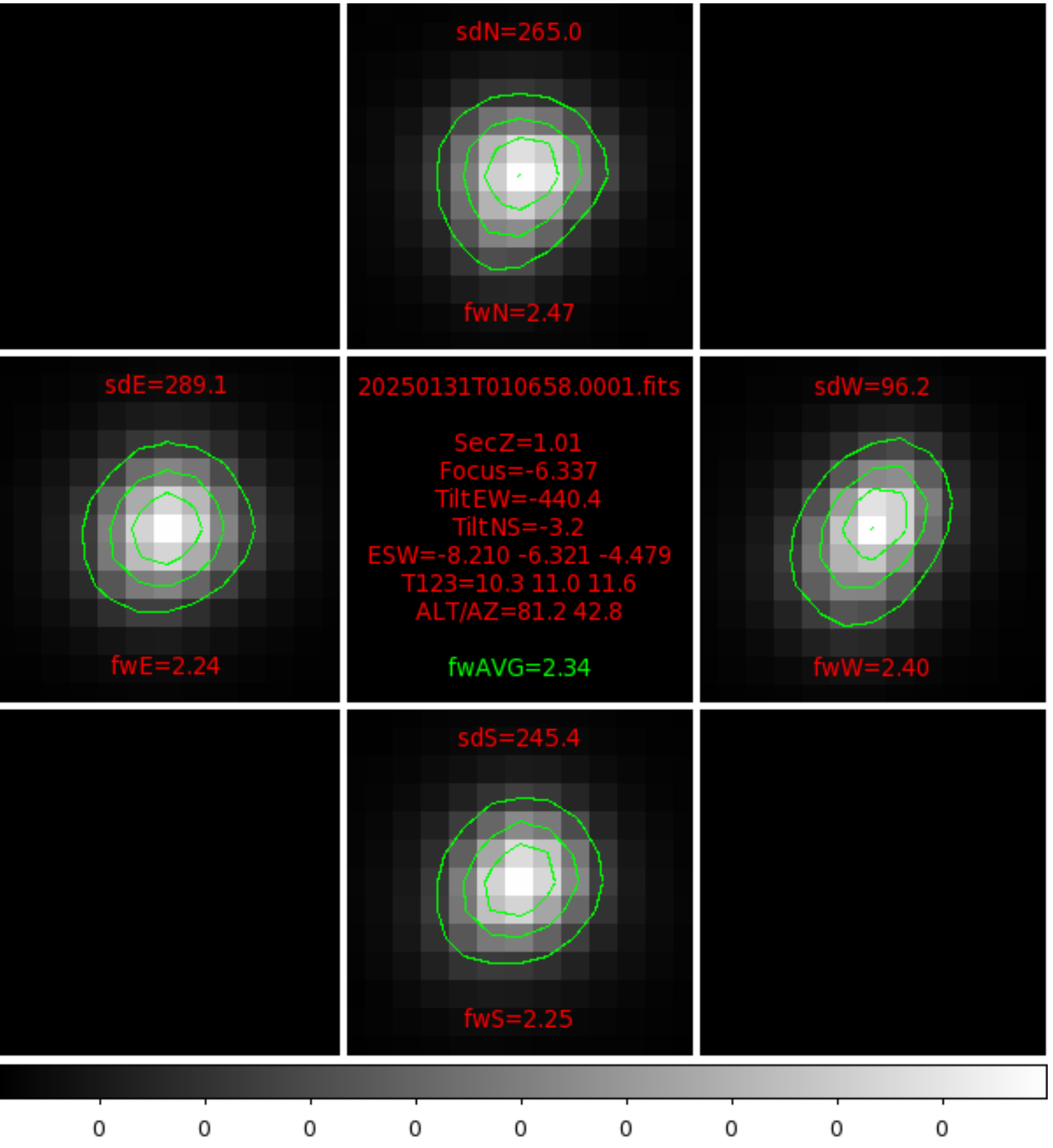

sdN=81.0
fwN=2.56
sdE=171.0
fwE=2.29
20250131T010310.0001.fits
SecZ=1.01
Focus=-6.344
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.217 -6.328 -4.486
T123=10.3 11.0 11.7
ALT/AZ=80.7 45.9
fwAVG=2.40
sdW=39.2
fwW=2.45
sdS=58.9
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=95.8
fwN=2.61
sdE=155.2
fwE=2.46
20250131T010447.0001.fits
SecZ=1.01
Focus=-6.344
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.217 -6.328 -4.486
T123=10.3 11.0 11.6
ALT/AZ=80.9 44.7
fwAVG=2.56
sdW=39.7
fwW=2.67
sdS=73.3
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=161.6
fwN=2.50
sdE=204.3
fwE=2.39
20250131T010519.0001.fits
SecZ=1.01
Focus=-6.344
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.217 -6.328 -4.486
T123=10.3 11.0 11.6
ALT/AZ=81.0 44.2
fwAVG=2.43
sdW=64.7
fwW=2.51
sdS=135.2
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=265.0
fwN=2.47
sdE=289.1
fwE=2.24
20250131T010658.0001.fits
SecZ=1.01
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.3 11.0 11.6
ALT/AZ=81.2 42.8
fwAVG=2.34
sdW=96.2
fwW=2.40
sdS=245.4
fwS=2.25
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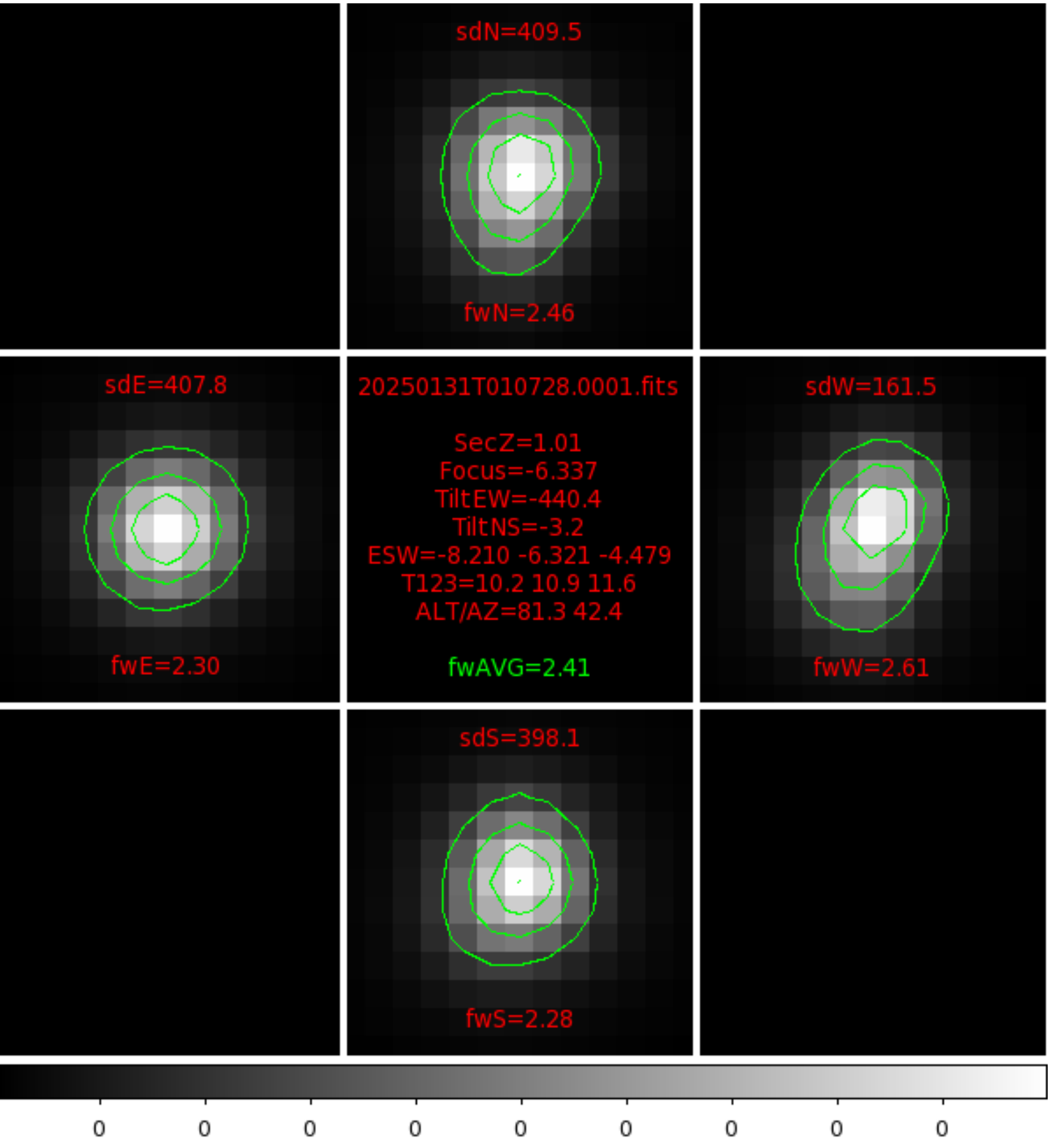
sdN=409.5
fwN=2.46
sdE=407.8
fwE=2.30
20250131T010728.0001.fits
SecZ=1.01
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.2 10.9 11.6
ALT/AZ=81.3 42.4
fwAVG=2.41
sdW=161.5
fwW=2.61
sdS=398.1
fwS=2.28
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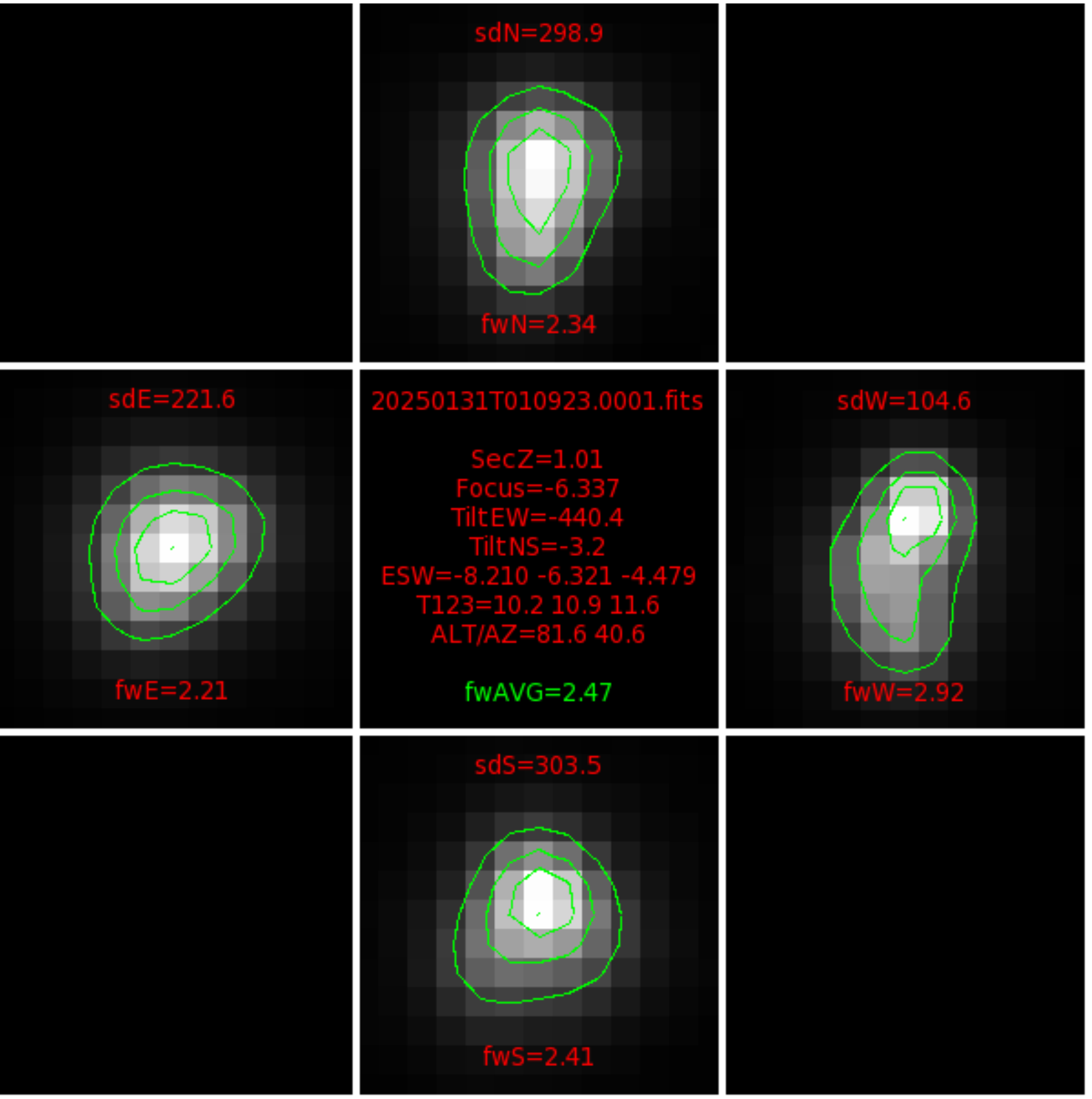
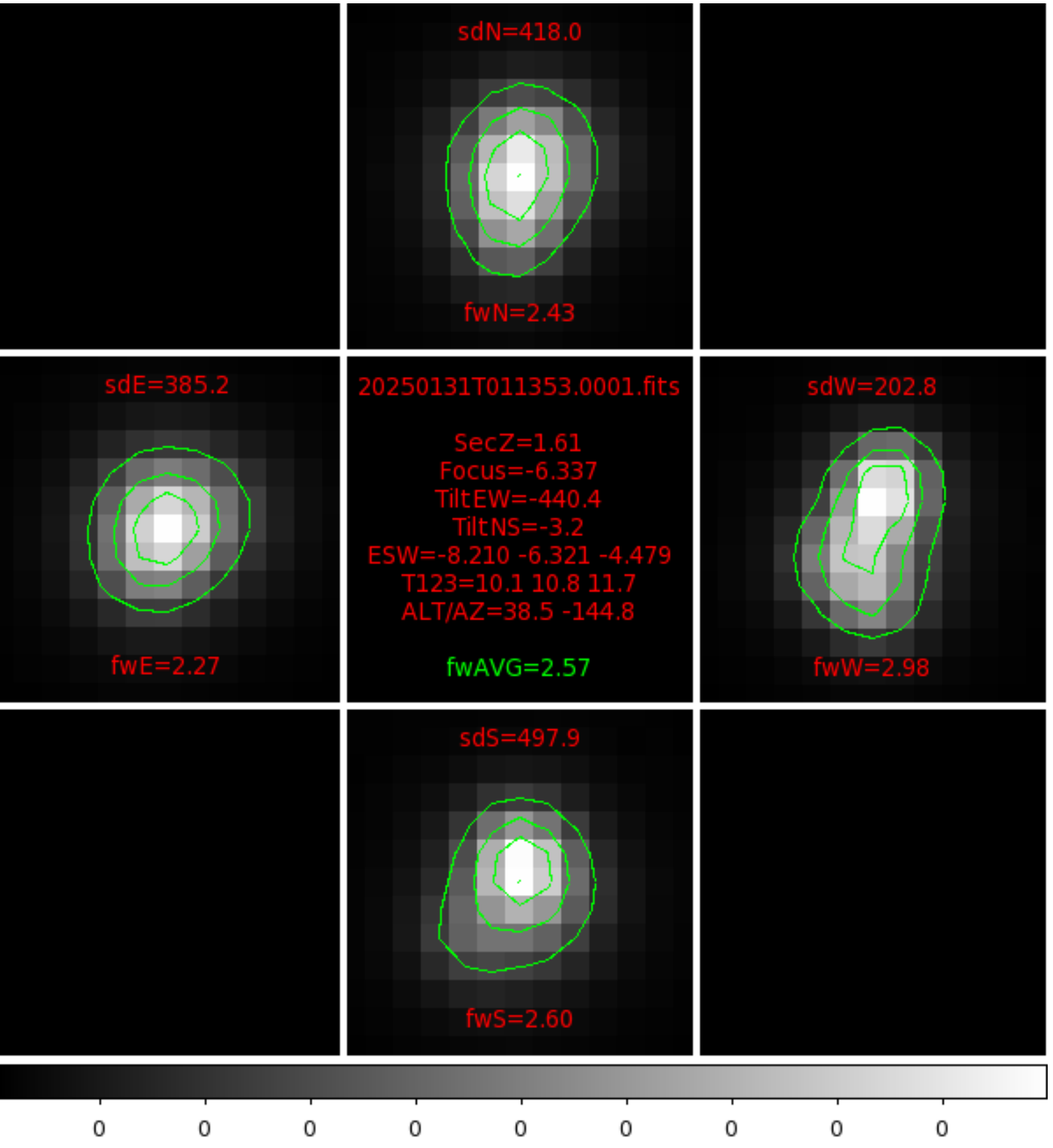

sdN=298.9
fwN=2.34
sdE=221.6
fwE=2.21
20250131T010923.0001.fits
SecZ=1.01
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.2 10.9 11.6
ALT/AZ=81.6 40.6
fwAVG=2.47
sdW=104.6
fwW=2.92
sdS=303.5
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=418.0
fwN=2.43
sdE=385.2
fwE=2.27
20250131T011353.0001.fits
SecZ=1.61
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.1 10.8 11.7
ALT/AZ=38.5 -144.8
fwAVG=2.57
sdW=202.8
fwW=2.98
sdS=497.9
fwS=2.60
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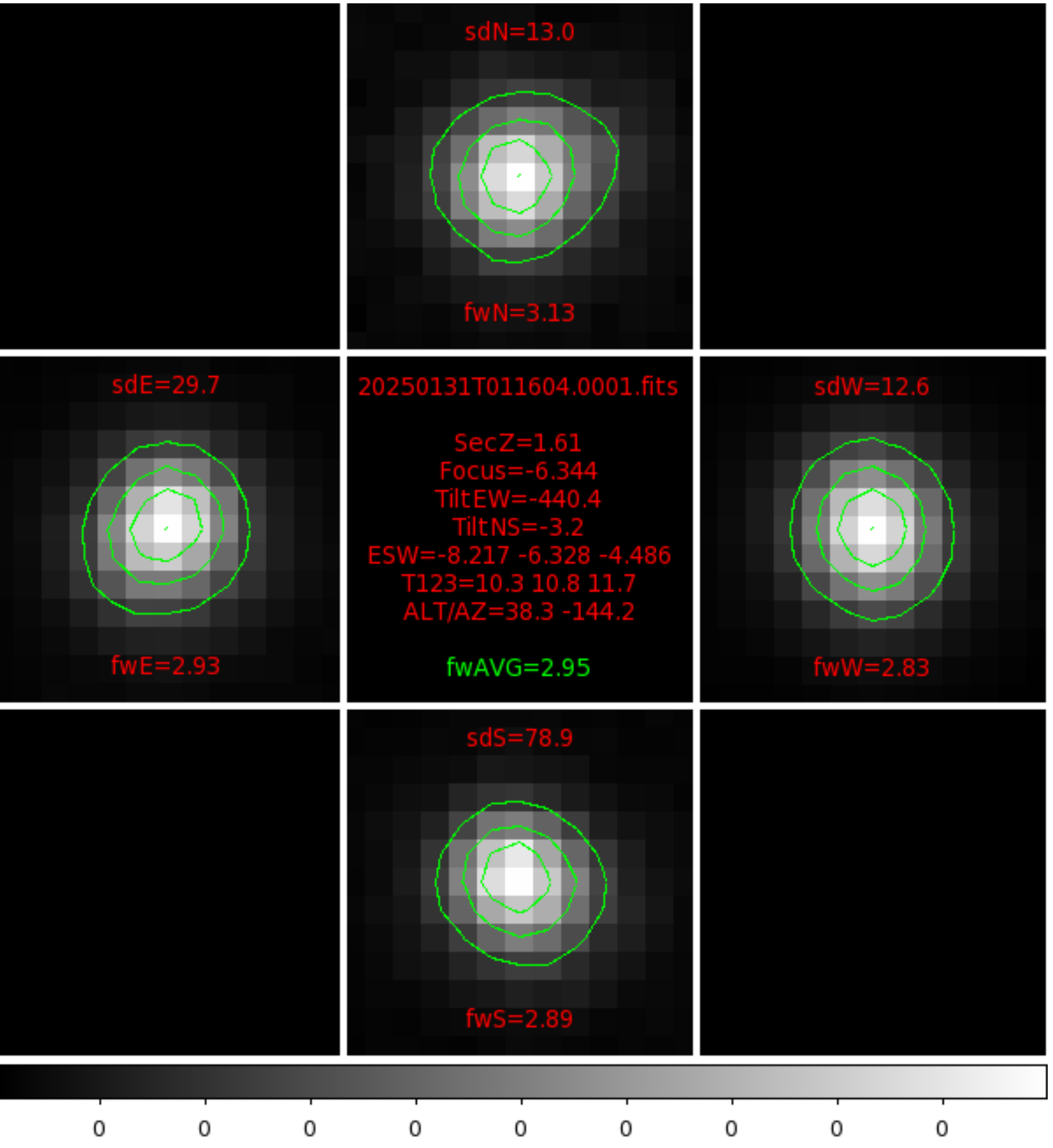
sdN=13.0
fwN=3.13
sdE=29.7
fwE=2.93
20250131T011604.0001.fits
SecZ=1.61
Focus=-6.344
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.217 -6.328 -4.486
T123=10.3 10.8 11.7
ALT/AZ=38.3 -144.2
fwAVG=2.95
sdW=12.6
fwW=2.83
sdS=78.9
fwS=2.89
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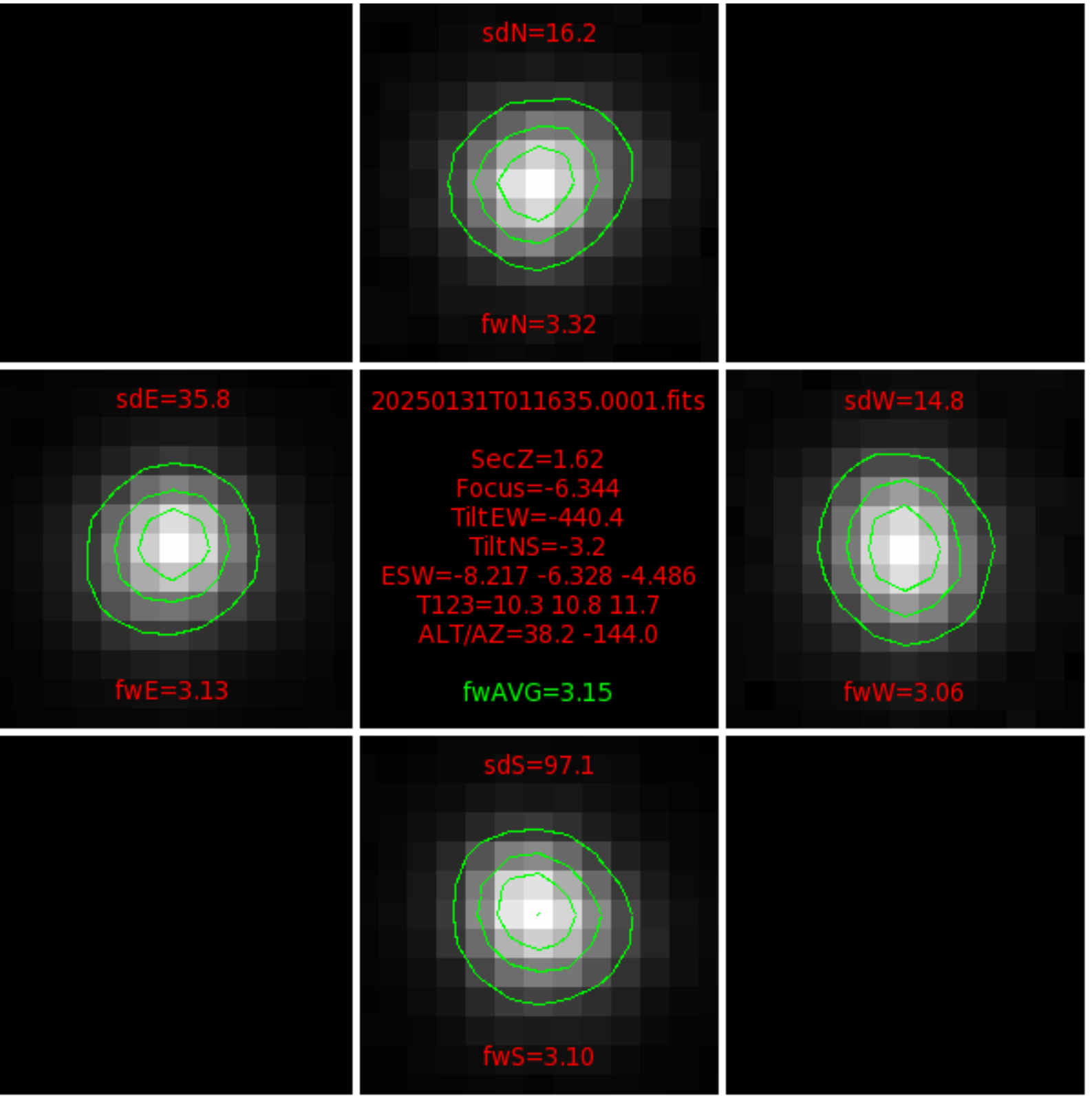
sdN=16.2
fwN=3.32
sdE=35.8
fwE=3.13
20250131T011635.0001.fits
SecZ=1.62
Focus=-6.344
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.217 -6.328 -4.486
T123=10.3 10.8 11.7
ALT/AZ=38.2 -144.0
fwAVG=3.15
sdW=14.8
fwW=3.06
sdS=97.1
fwS=3.10
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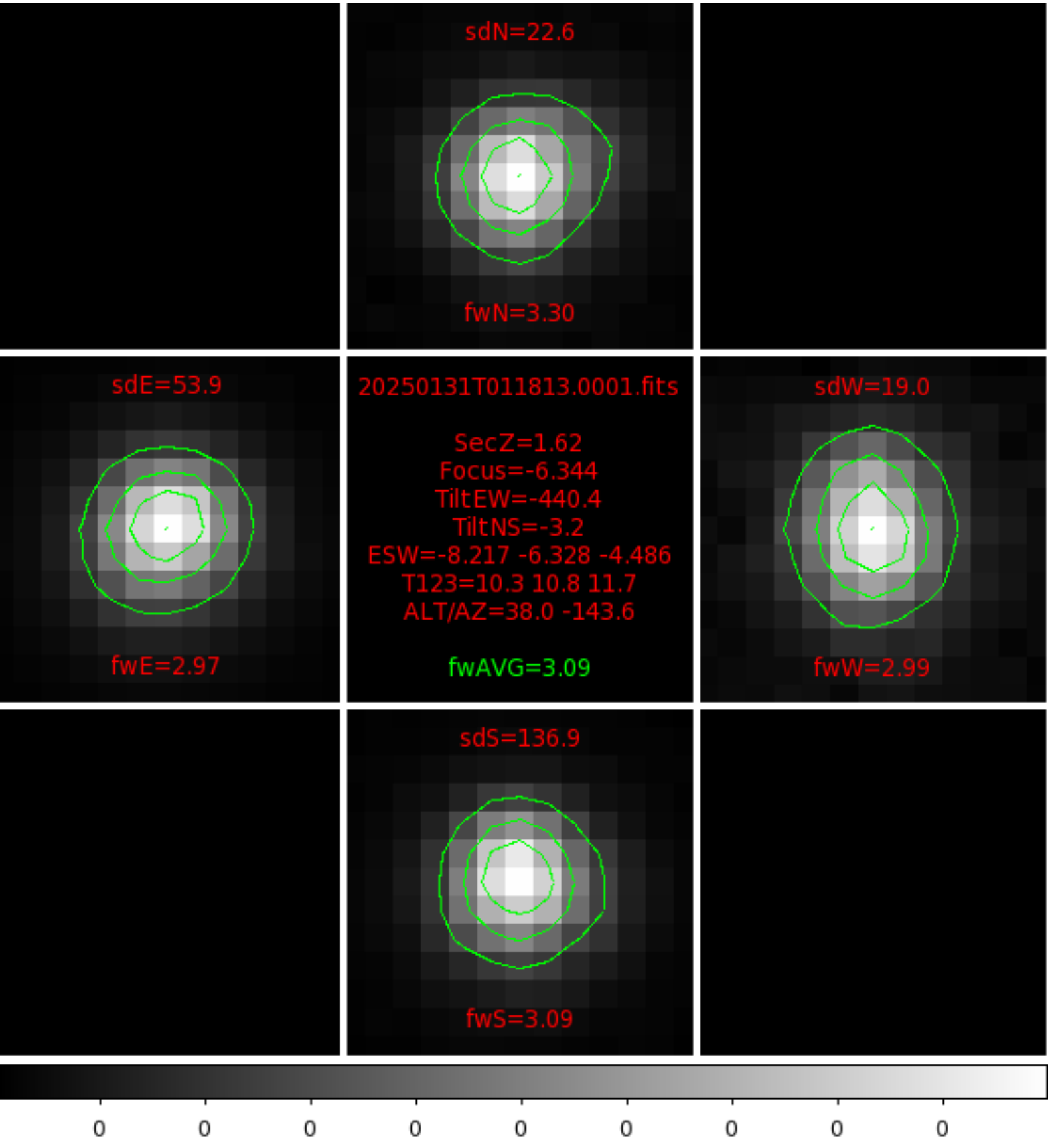
sdN=22.6
fwN=3.30
sdE=53.9
fwE=2.97
20250131T011813.0001.fits
SecZ=1.62
Focus=-6.344
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.217 -6.328 -4.486
T123=10.3 10.8 11.7
ALT/AZ=38.0 -143.6
fwAVG=3.09
sdW=19.0
fwW=2.99
sdS=136.9
fwS=3.09
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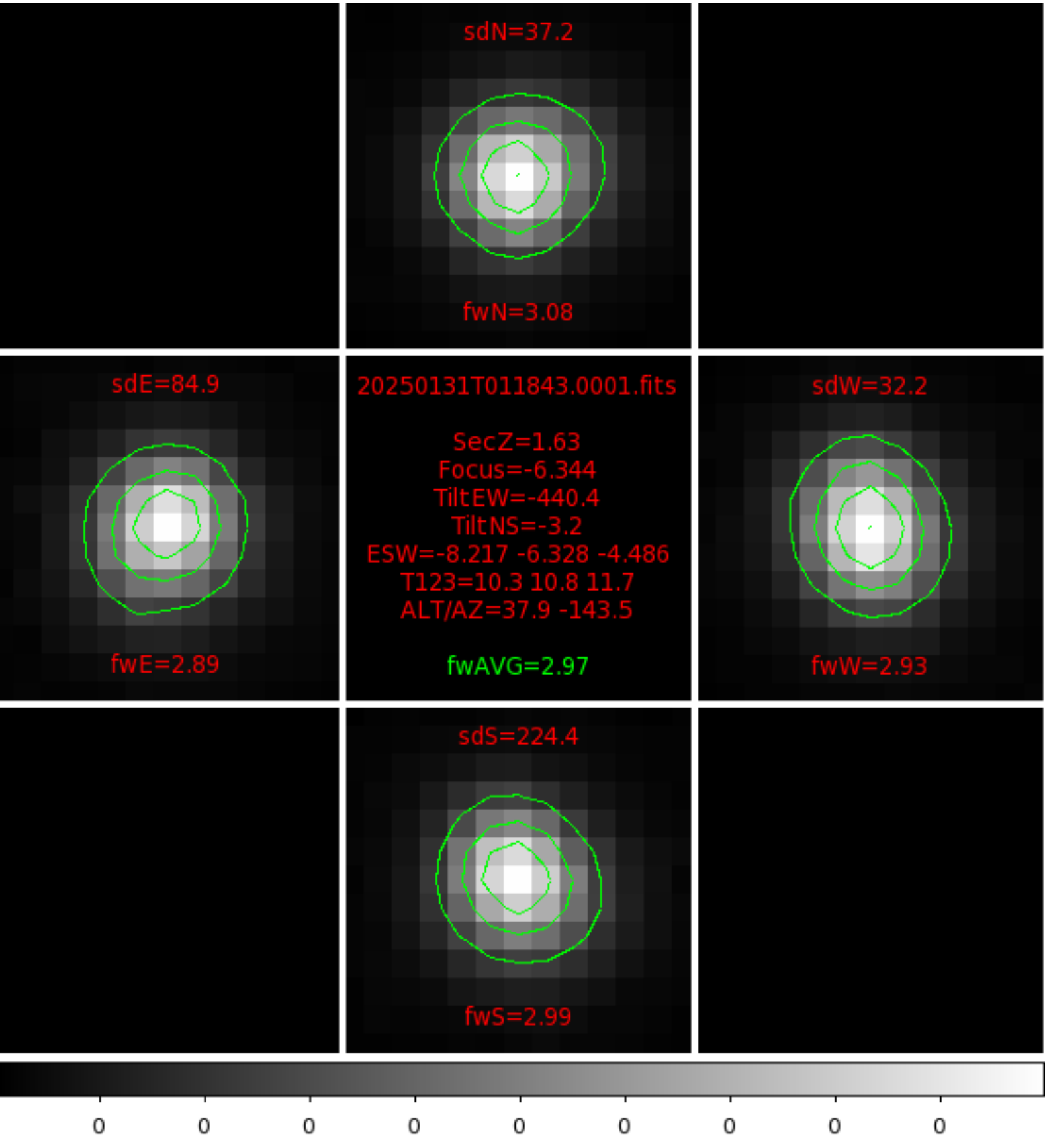
sdN=37.2
fwN=3.08
sdE=84.9
fwE=2.89
20250131T011843.0001.fits
SecZ=1.63
Focus=-6.344
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.217 -6.328 -4.486
T123=10.3 10.8 11.7
ALT/AZ=37.9 -143.5
fwAVG=2.97
sdW=32.2
fwW=2.93
sdS=224.4
fwS=2.99
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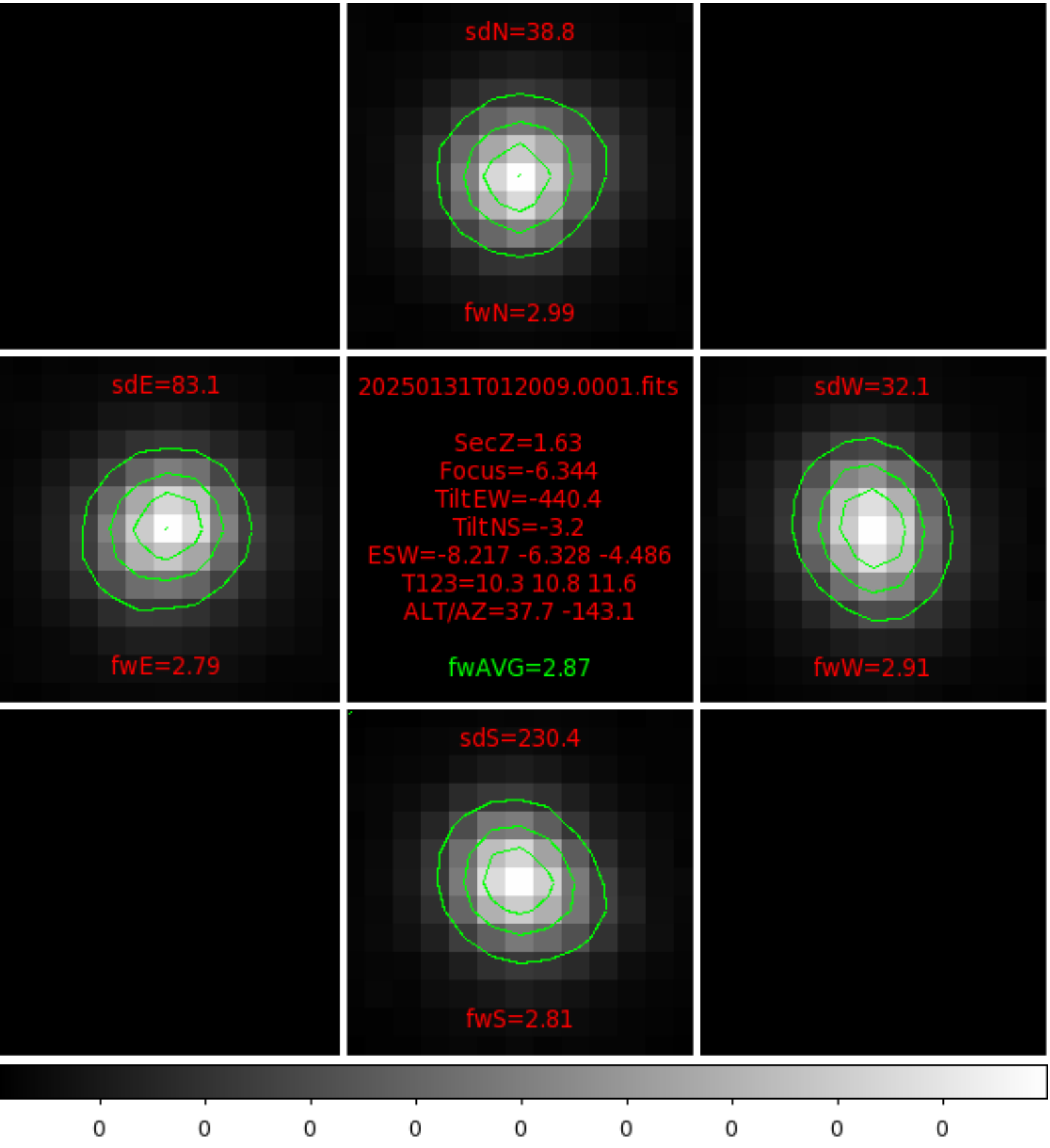
sdN=38.8
fwN=2.99
sdE=83.1
fwE=2.79
20250131T012009.0001.fits
SecZ=1.63
Focus=-6.344
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.217 -6.328 -4.486
T123=10.3 10.8 11.6
ALT/AZ=37.7 -143.1
fwAVG=2.87
sdW=32.1
fwW=2.91
sdS=230.4
fwS=2.81
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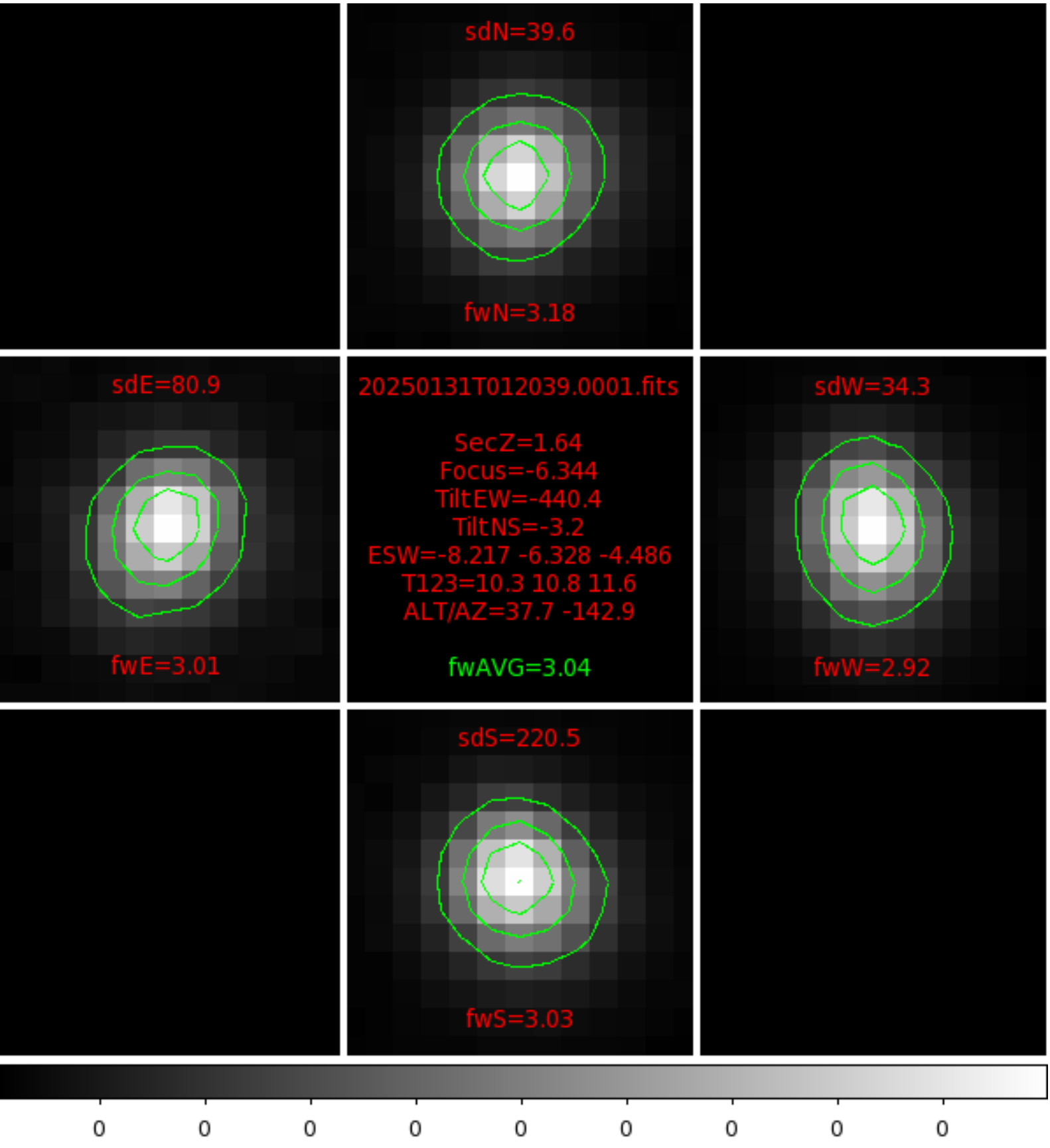
sdN=39.6
fwN=3.18
sdE=80.9
fwE=3.01
20250131T012039.0001.fits
SecZ=1.64
Focus=-6.344
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.217 -6.328 -4.486
T123=10.3 10.8 11.6
ALT/AZ=37.7 -142.9
fwAVG=3.04
sdW=34.3
fwW=2.92
sdS=220.5
fwS=3.03
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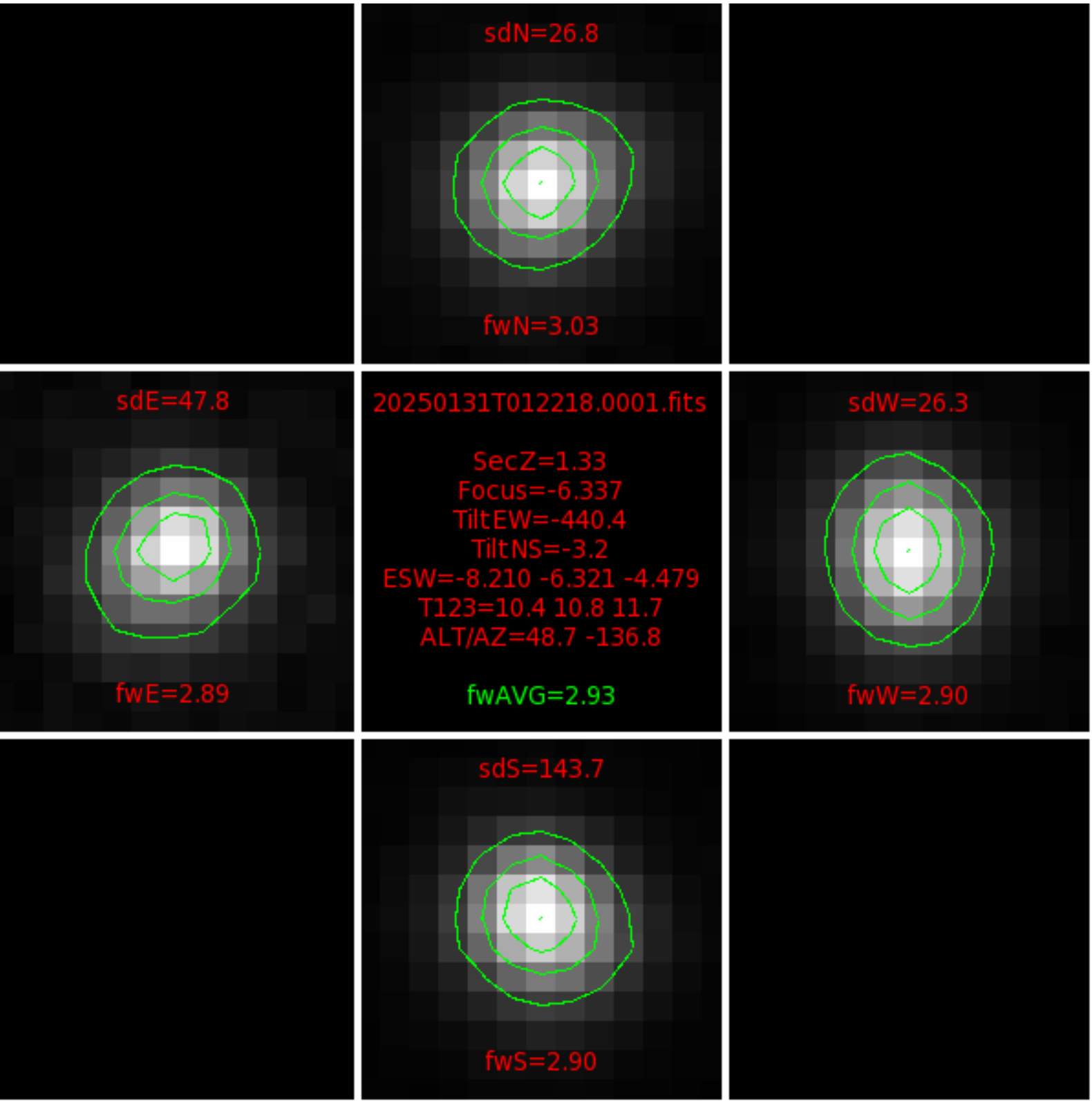
sdN=26.8
fwN=3.03
sdE=47.8
fwE=2.89
20250131T012218.0001.fits
SecZ=1.33
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.4 10.8 11.7
ALT/AZ=48.7 -136.8
fwAVG=2.93
sdW=26.3
fwW=2.90
sdS=143.7
fwS=2.90
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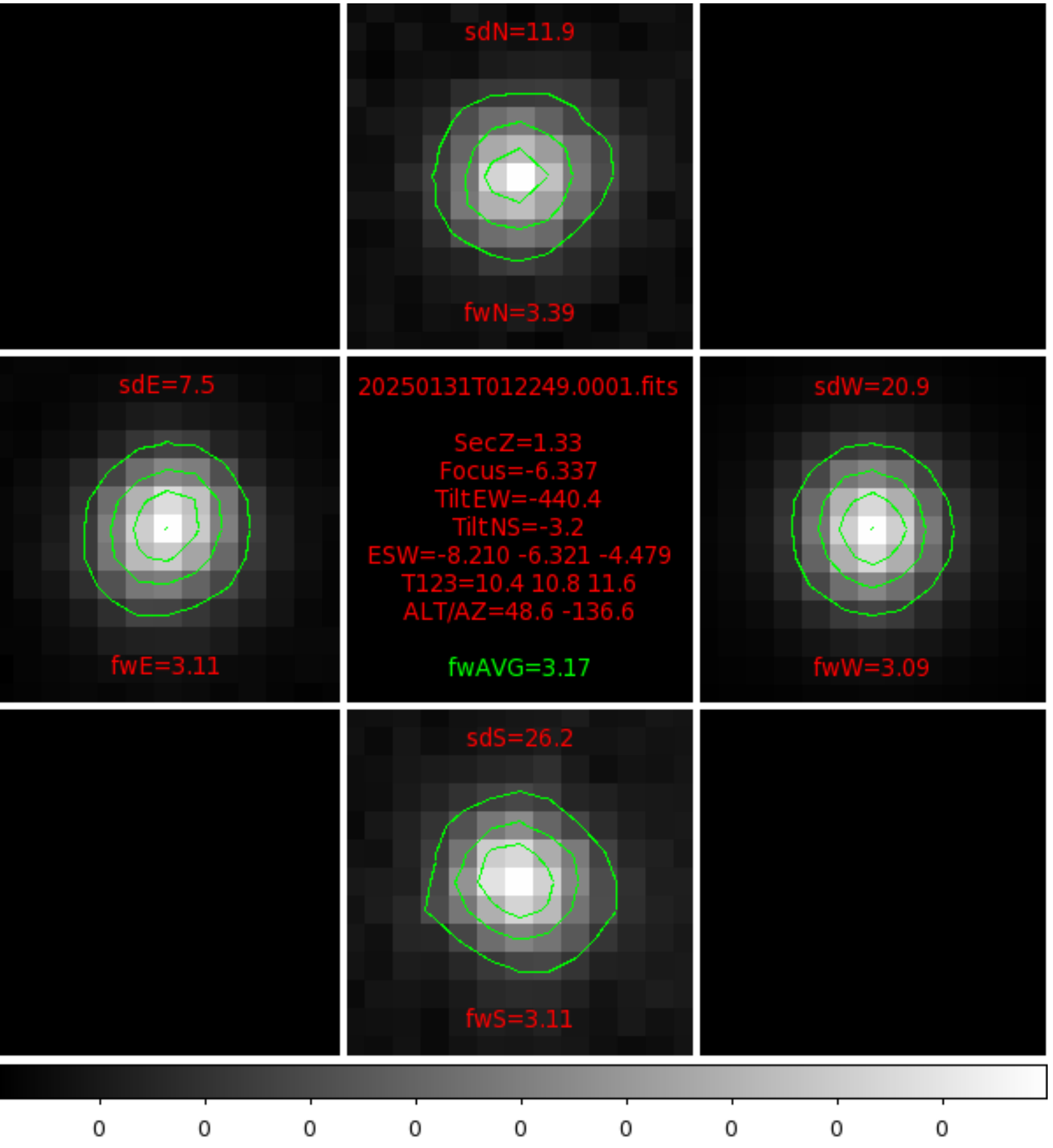
sdN=11.9
fwN=3.39
sdE=7.5
fwE=3.11
20250131T012249.0001.fits
SecZ=1.33
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.4 10.8 11.6
ALT/AZ=48.6 -136.6
fwAVG=3.17
sdW=20.9
fwW=3.09
sdS=26.2
fwS=3.11
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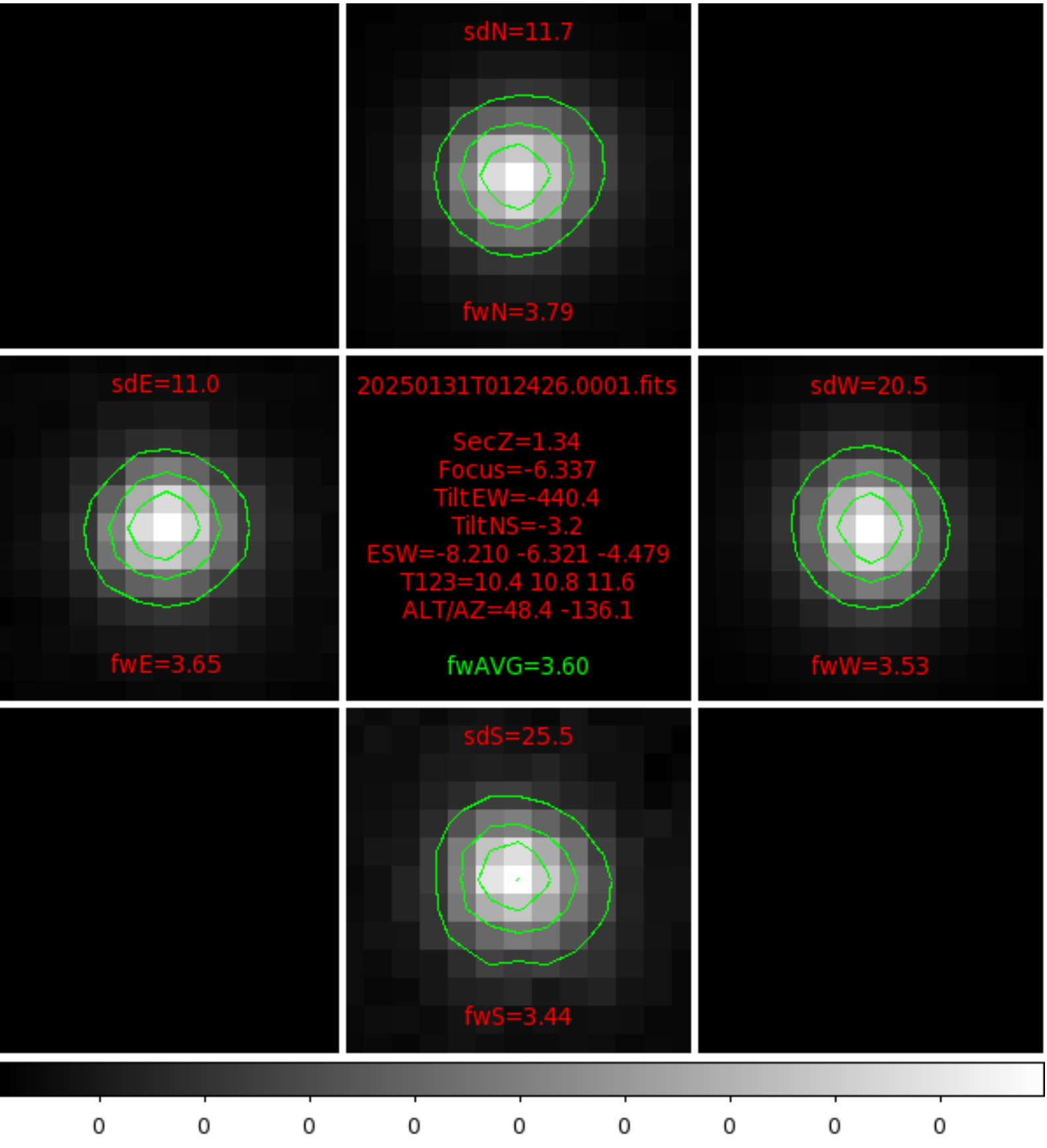
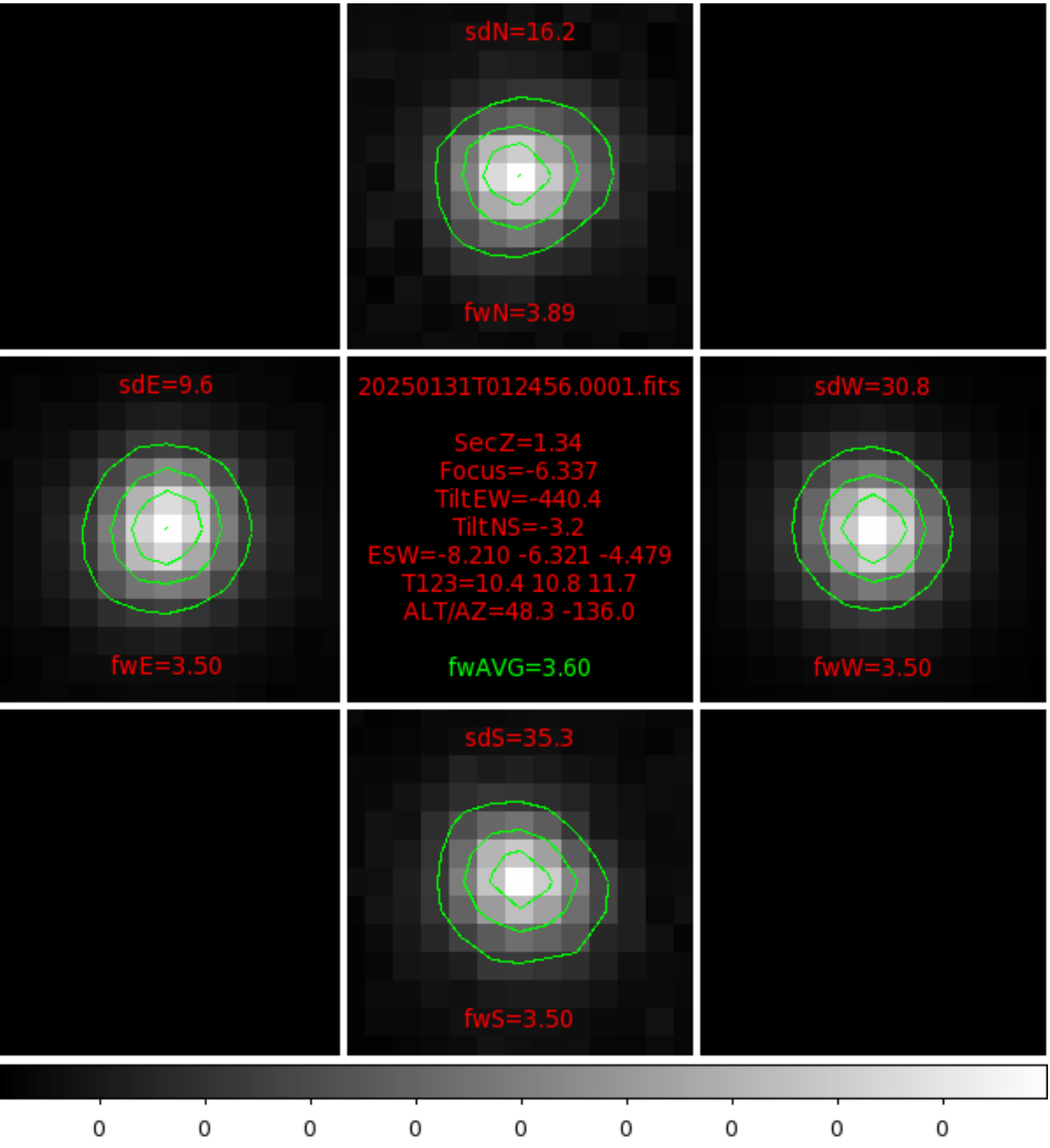

sdN=11.7
fwN=3.79
sdE=11.0
fwE=3.65
20250131T012426.0001.fits
SecZ=1.34
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.4 10.8 11.6
ALT/AZ=48.4 -136.1
fwAVG=3.60
sdW=20.5
fwW=3.53
sdS=25.5
fwS=3.44
0 0 0 0 0 0 0 0 0


sdN=16.2
fwN=3.89
sdE=9.6
fwE=3.50
20250131T012456.0001.fits
SecZ=1.34
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.4 10.8 11.7
ALT/AZ=48.3 -136.0
fwAVG=3.60
sdW=30.8
fwW=3.50
sdS=35.3
fwS=3.50
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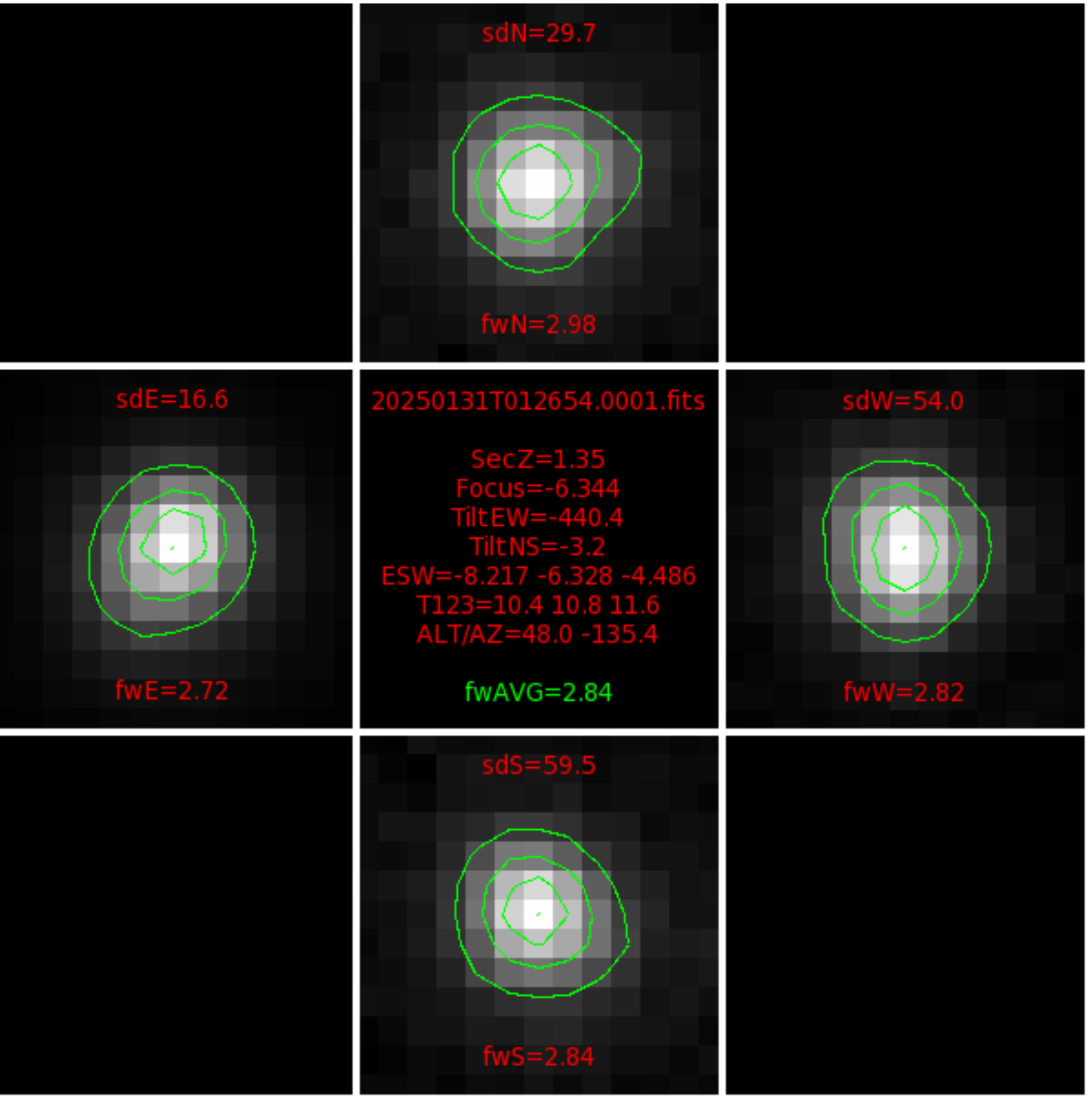
sdN=29.7
fwN=2.98
sdE=16.6
fwE=2.72
20250131T012654.0001.fits
SecZ=1.35
Focus=-6.344
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.217 -6.328 -4.486
T123=10.4 10.8 11.6
ALT/AZ=48.0 -135.4
fwAVG=2.84
sdW=54.0
fwW=2.82
sdS=59.5
fwS=2.84
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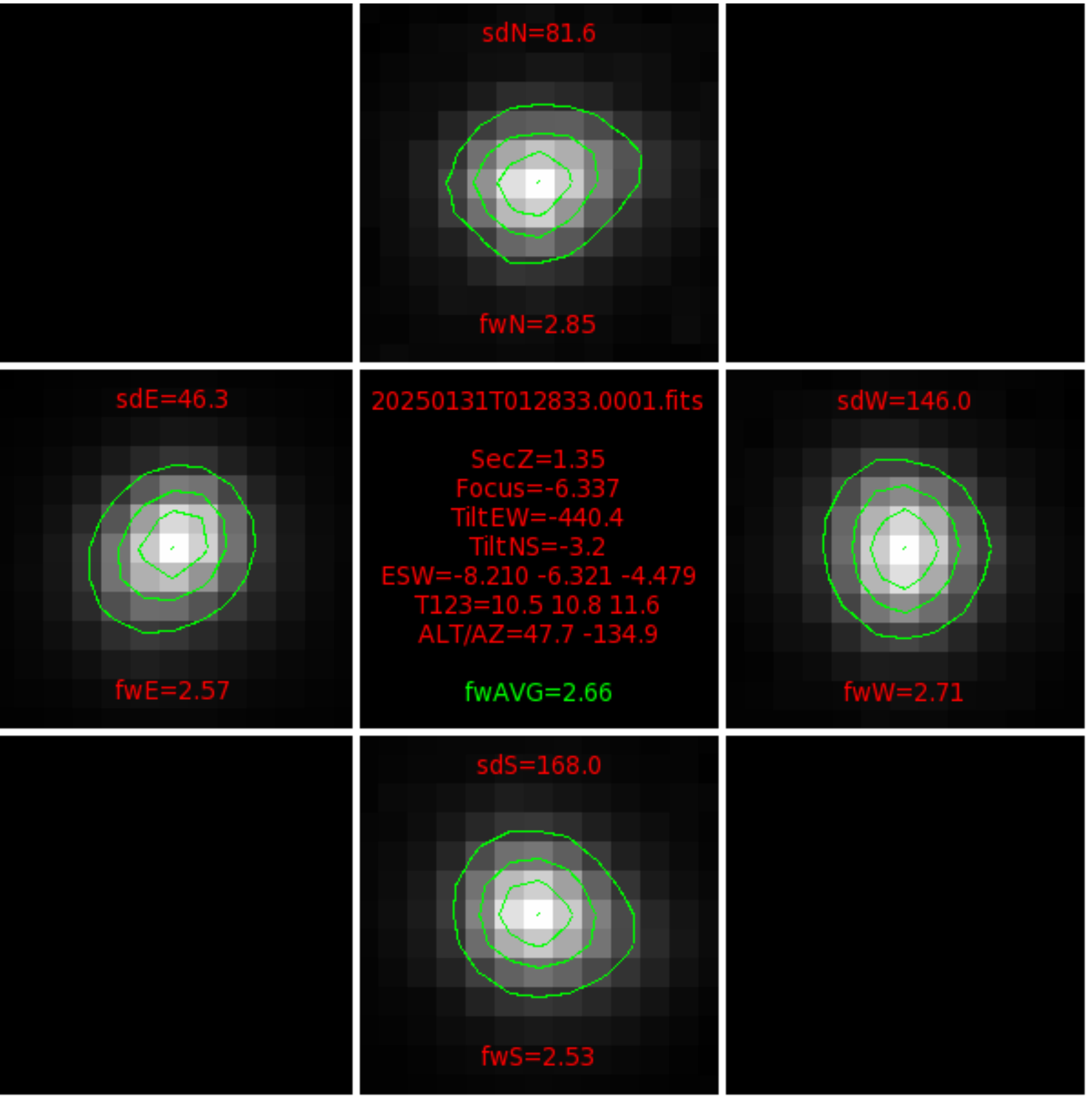
sdN=81.6
fwN=2.85
sdE=46.3
fwE=2.57
20250131T012833.0001.fits
SecZ=1.35
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.5 10.8 11.6
ALT/AZ=47.7 -134.9
fwAVG=2.66
sdW=146.0
fwW=2.71
sdS=168.0
fwS=2.53
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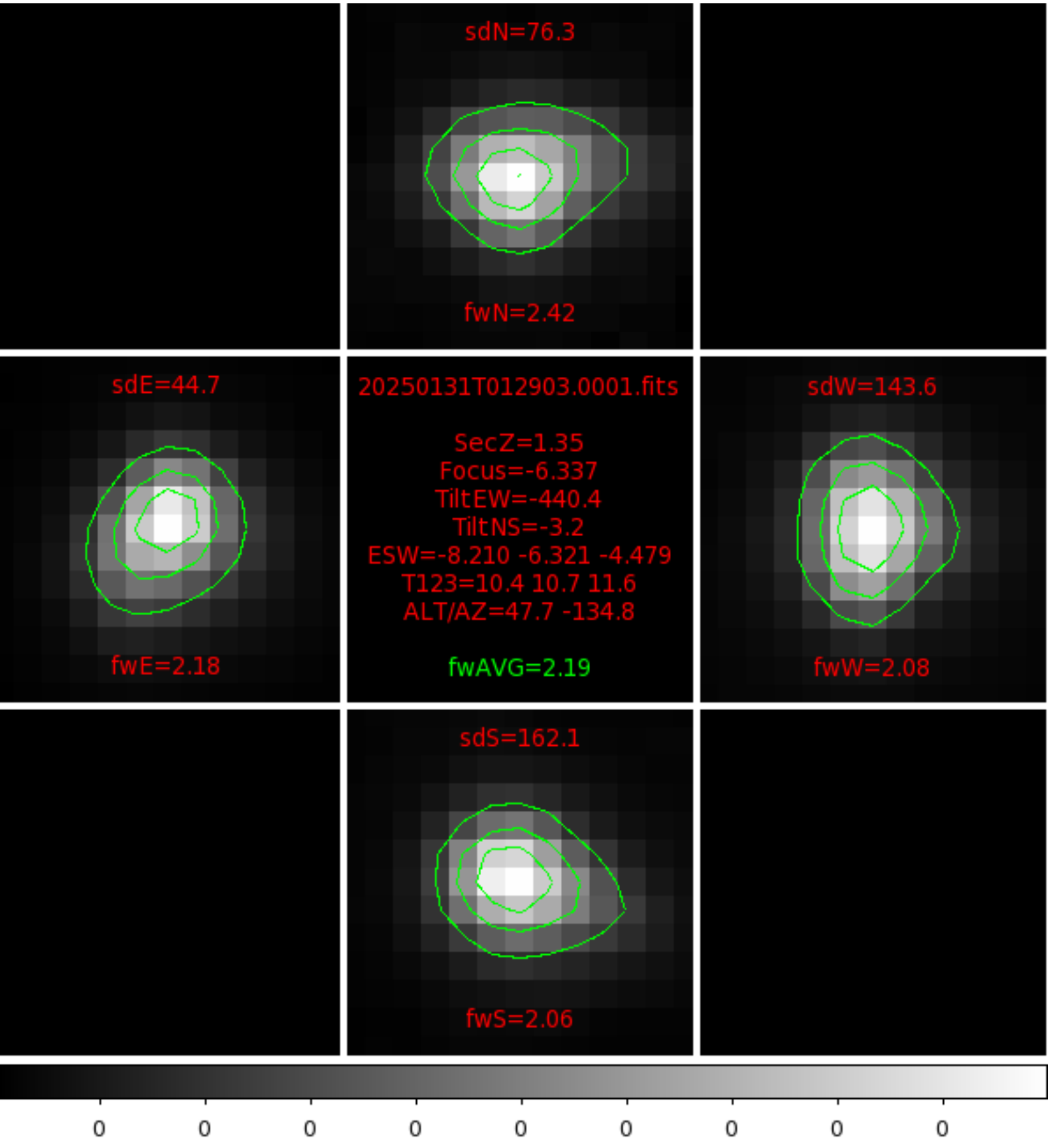
sdN=76.3
fwN=2.42
sdE=44.7
fwE=2.18
20250131T012903.0001.fits
SecZ=1.35
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.4 10.7 11.6
ALT/AZ=47.7 -134.8
fwAVG=2.19
sdW=143.6
fwW=2.08
sdS=162.1
fwS=2.06
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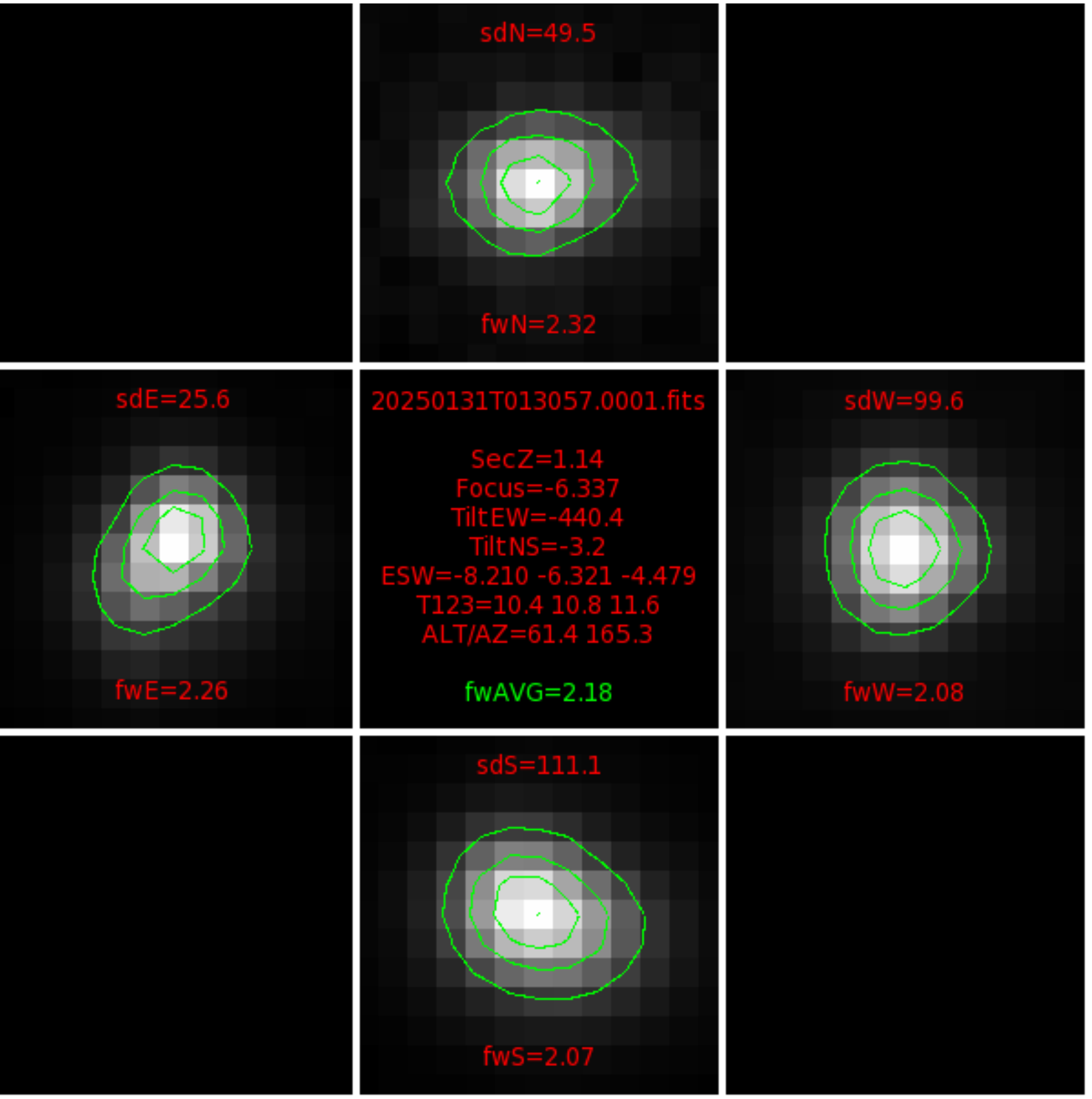
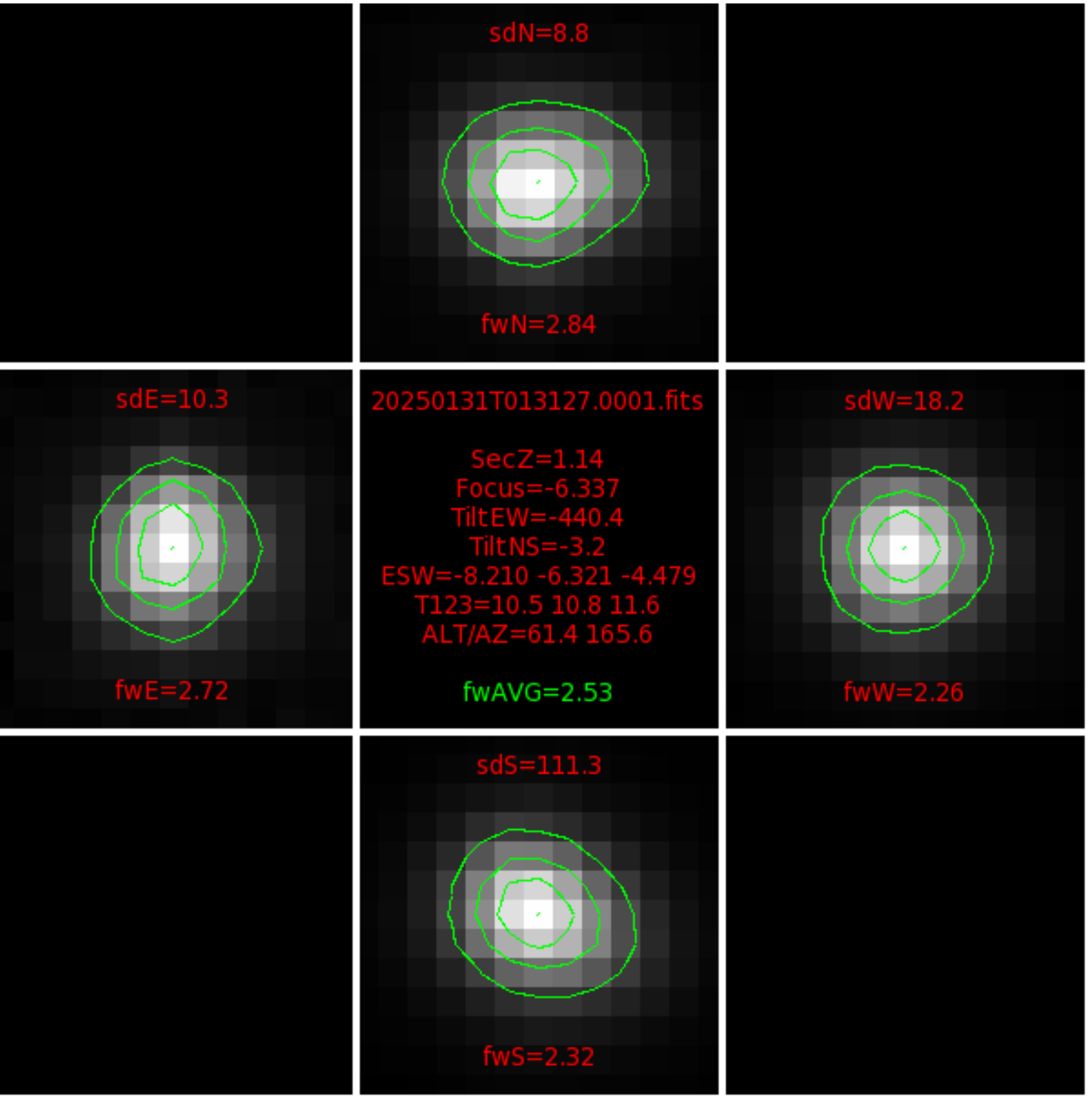
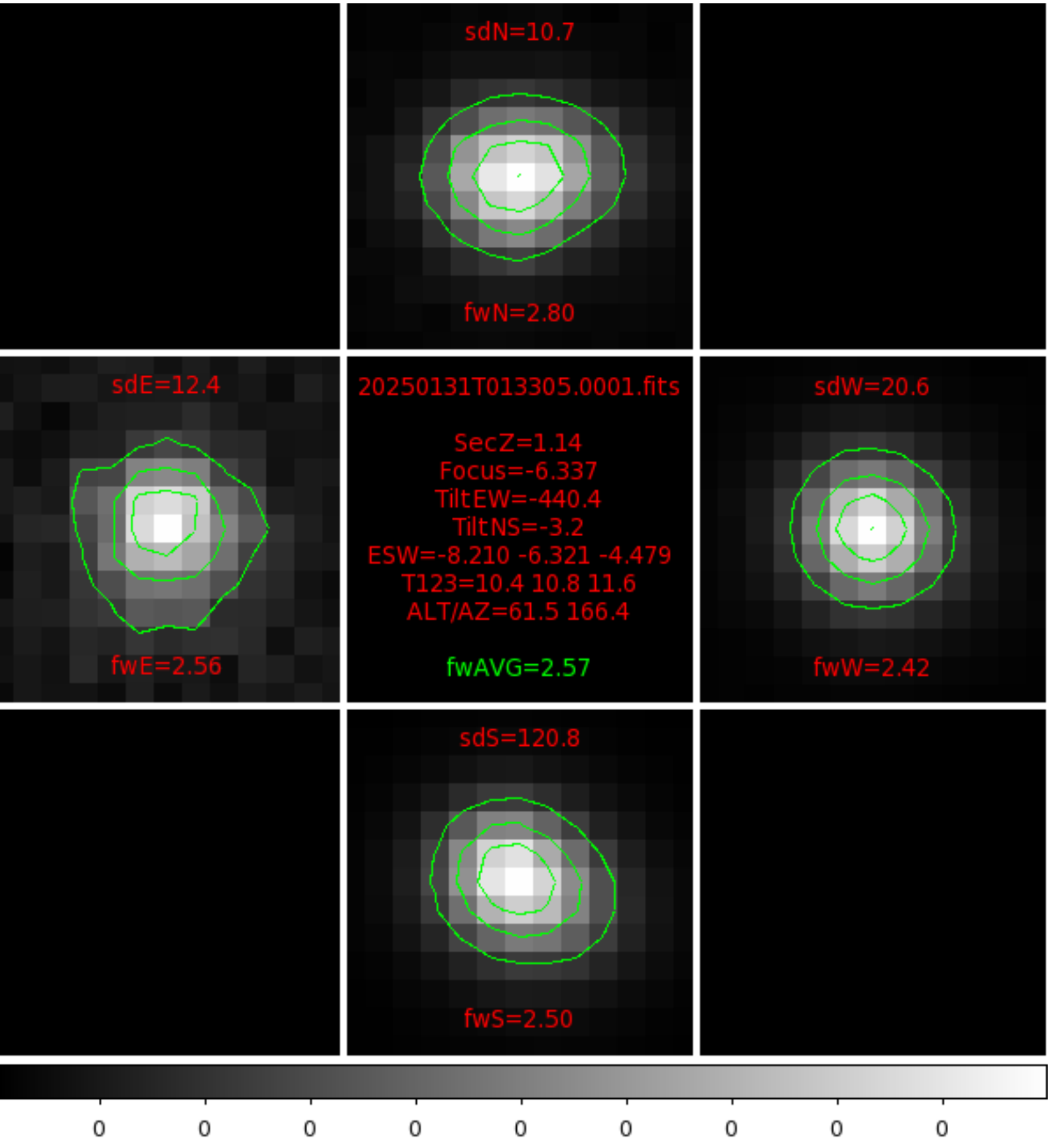
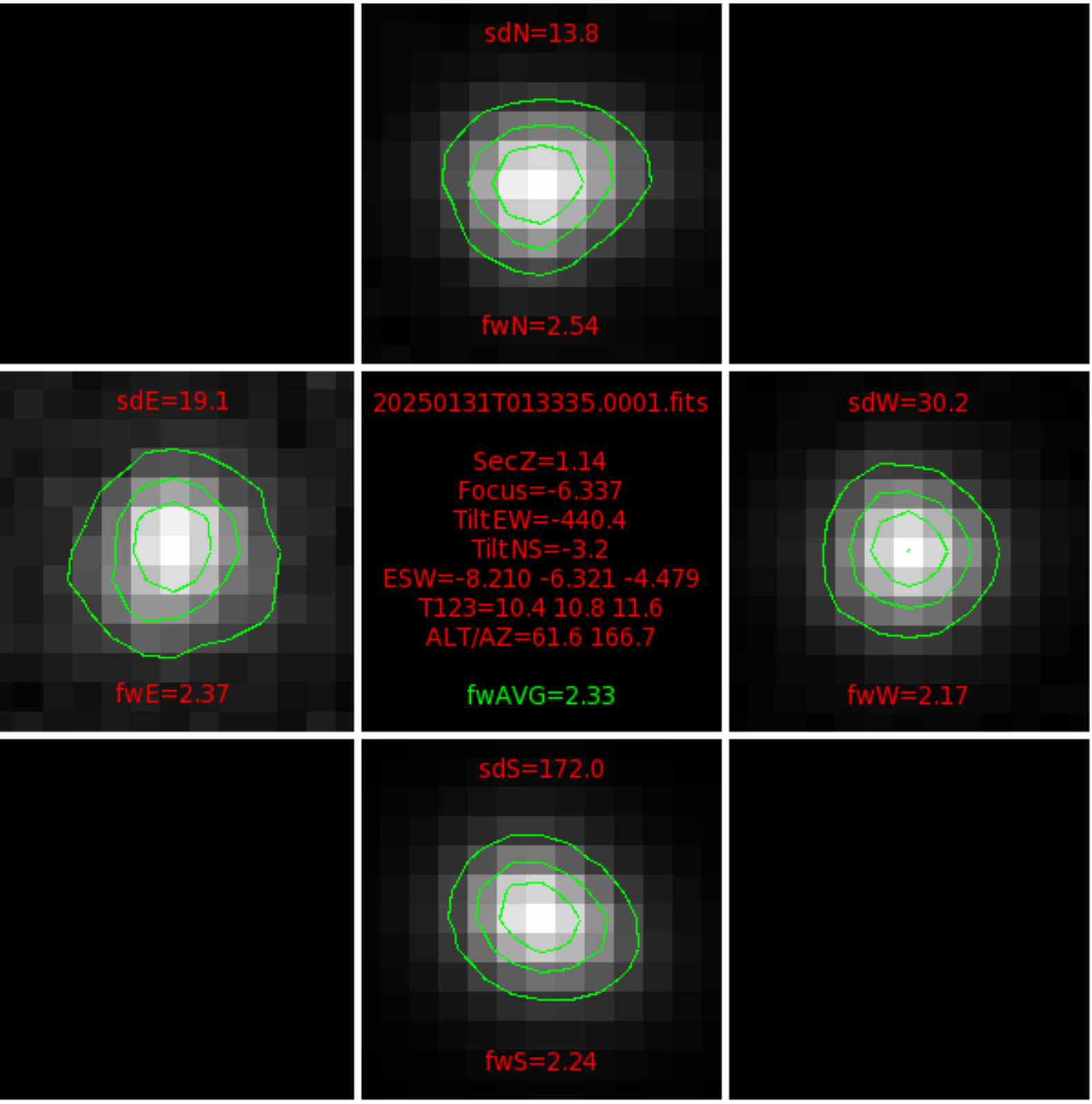
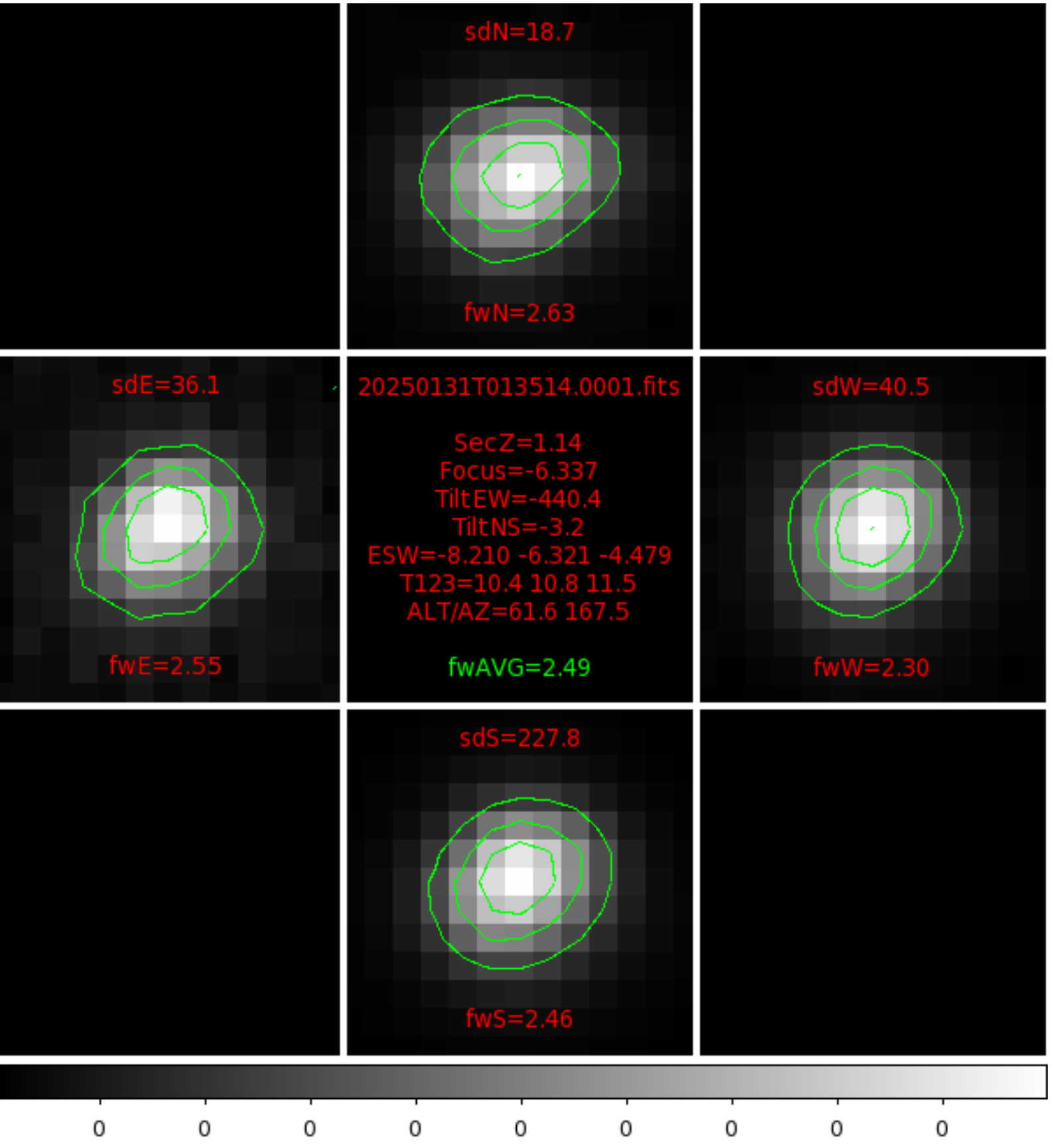
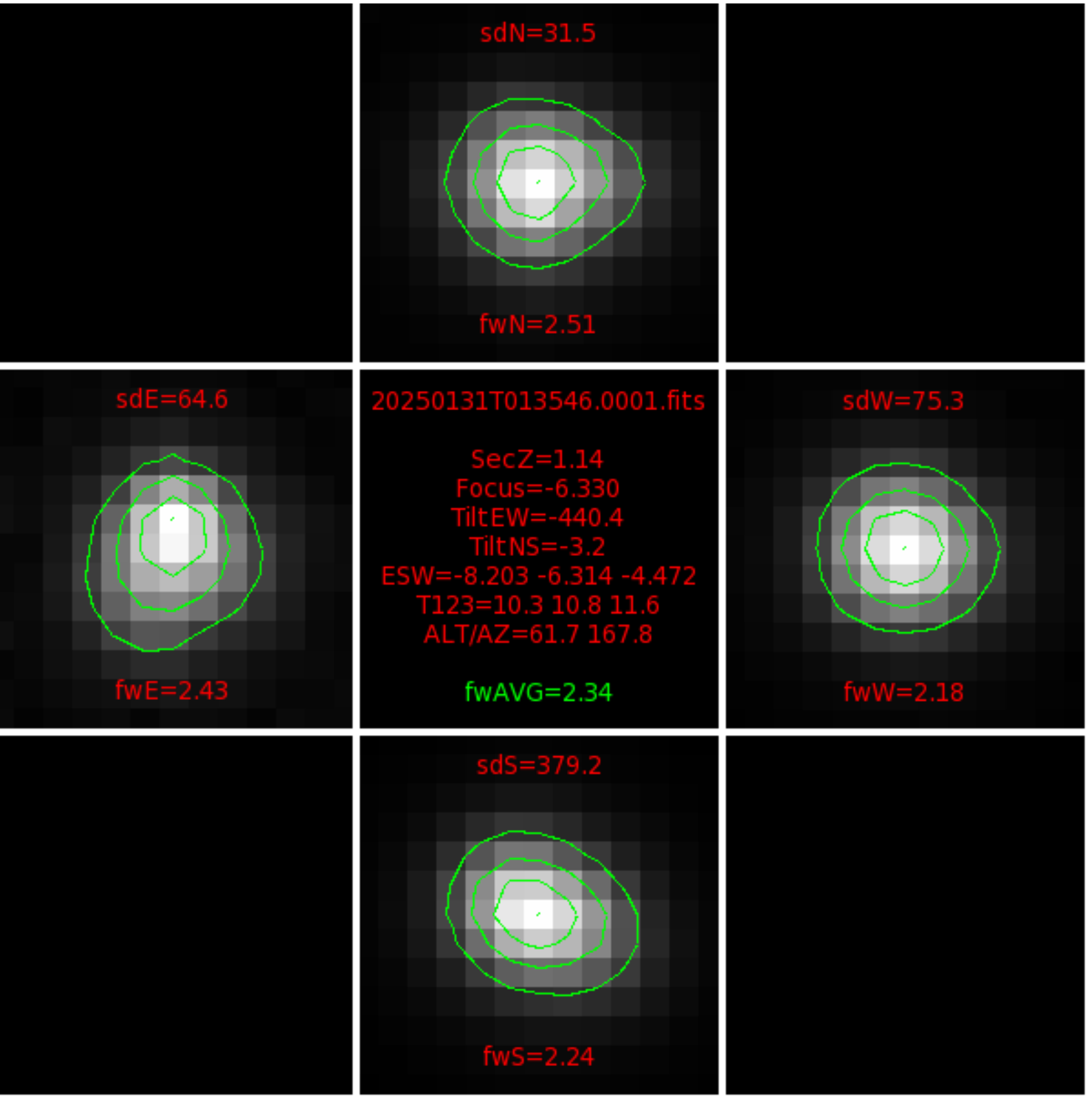

sdN=49.5
fwN=2.32
sdE=25.6
fwE=2.26
20250131T013057.0001.fits
SecZ=1.14
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.4 10.8 11.6
ALT/AZ=61.4 165.3
fwAVG=2.18
sdW=99.6
fwW=2.08
sdS=111.1
fwS=2.07
0 0 0 0 0 0 0 0 0

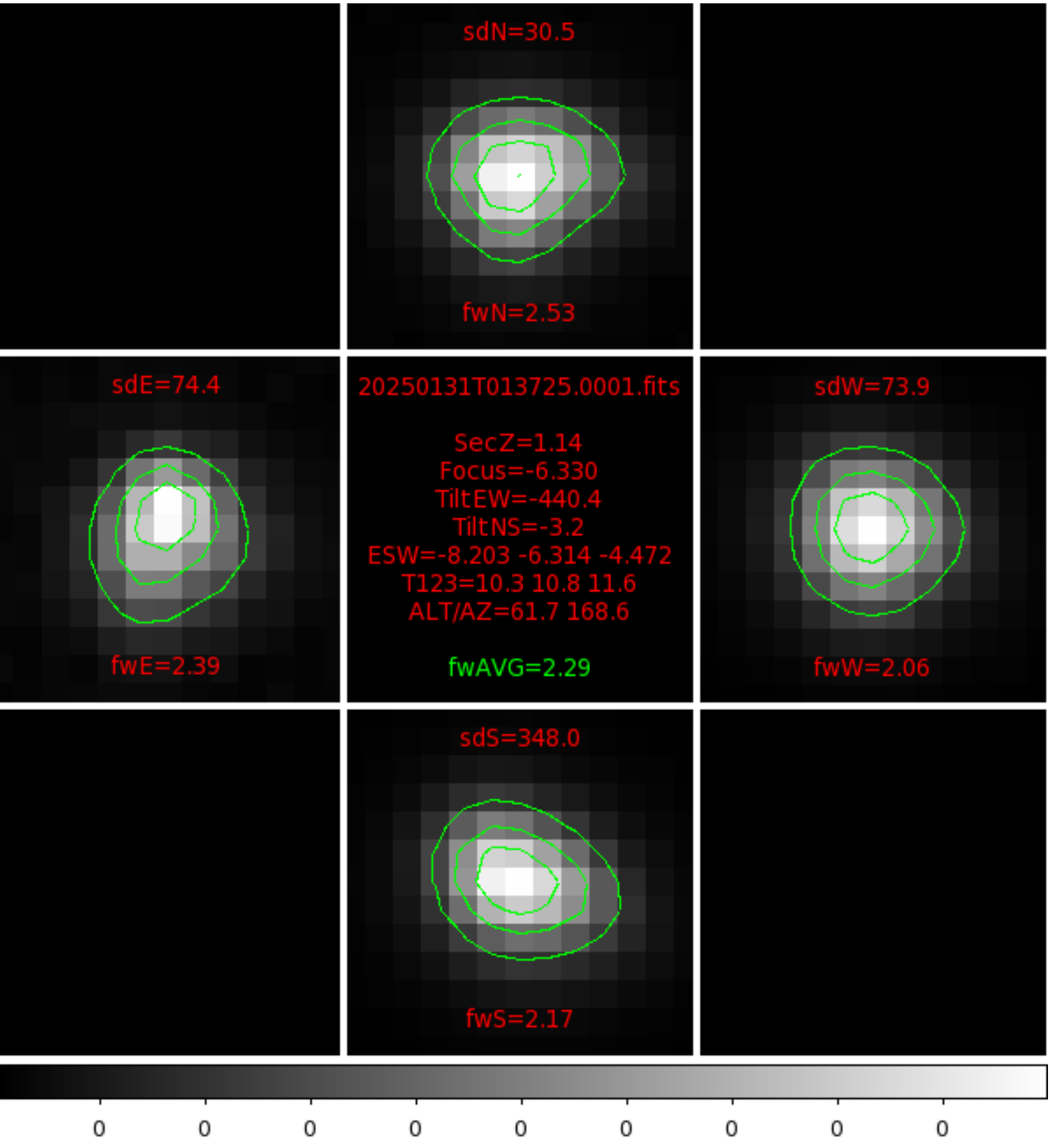

sdN=8.8
fwN=2.84
sdE=10.3
fwE=2.72
20250131T013127.0001.fits
SecZ=1.14
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.5 10.8 11.6
ALT/AZ=61.4 165.6
fwAVG=2.53
sdW=18.2
fwW=2.26
sdS=111.3
fwS=2.32
0 0 0 0 0 0 0 0 0

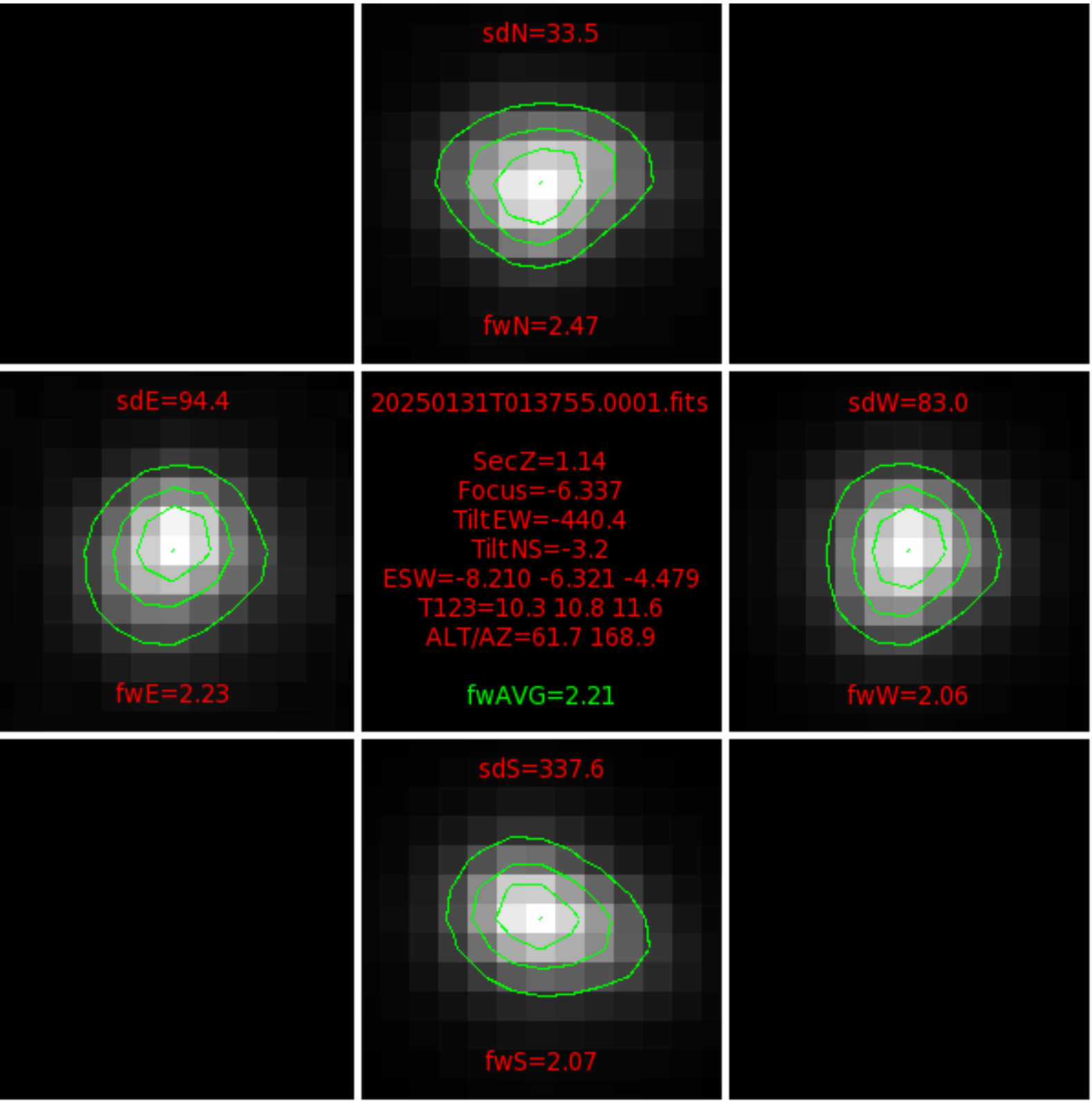

sdN=10.7
fwN=2.80
sdE=12.4
fwE=2.56
20250131T013305.0001.fits
SecZ=1.14
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.4 10.8 11.6
ALT/AZ=61.5 166.4
fwAVG=2.57
sdW=20.6
fwW=2.42
sdS=120.8
fwS=2.50
0 0 0 0 0 0 0 0 0

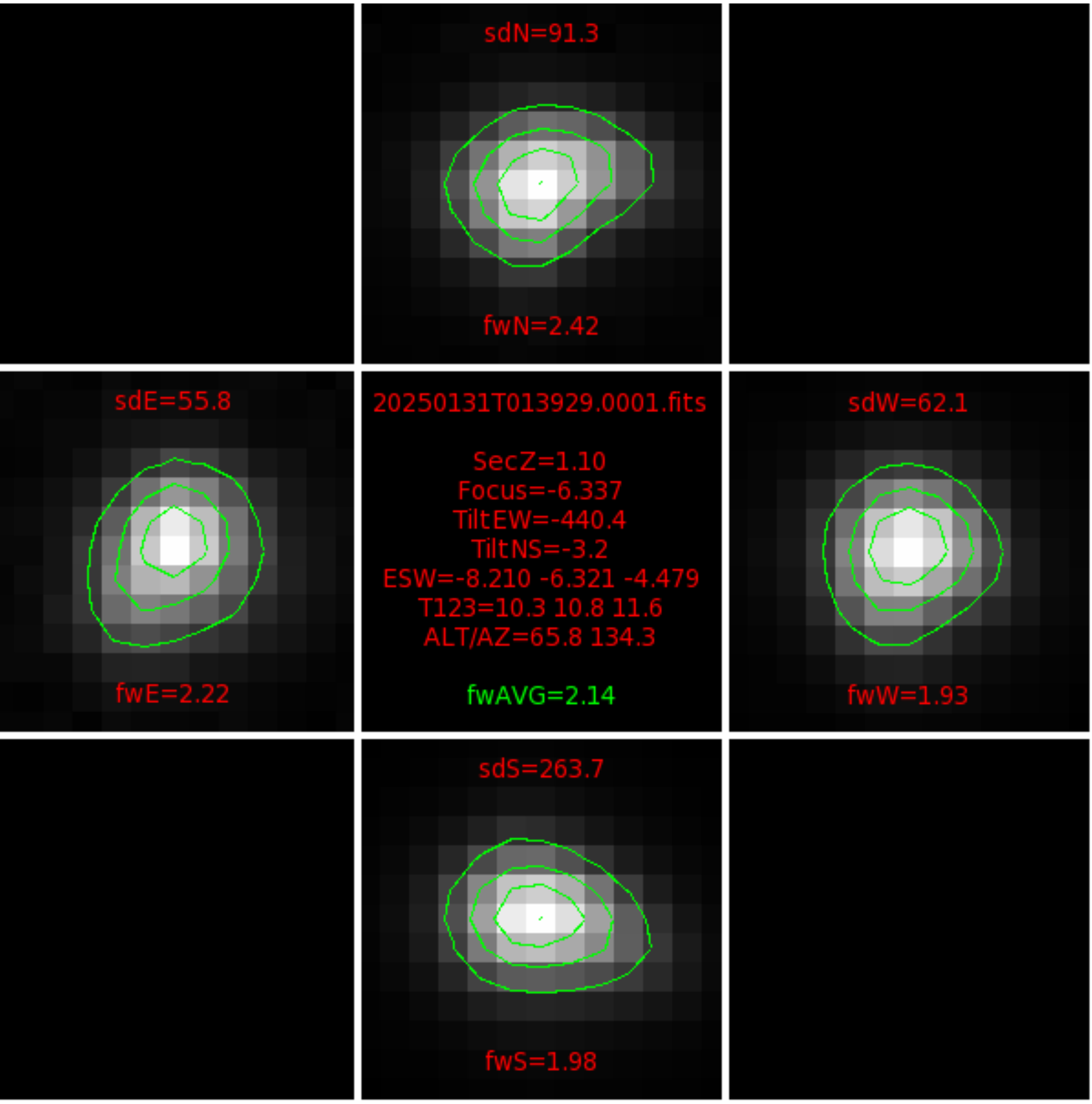

sdN=13.8
fwN=2.54
sdE=19.1
fwE=2.37
20250131T013335.0001.fits
SecZ=1.14
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.4 10.8 11.6
ALT/AZ=61.6 166.7
fwAVG=2.33
sdW=30.2
fwW=2.17
sdS=172.0
fwS=2.24
0 0 0 0 0 0 0 0 0

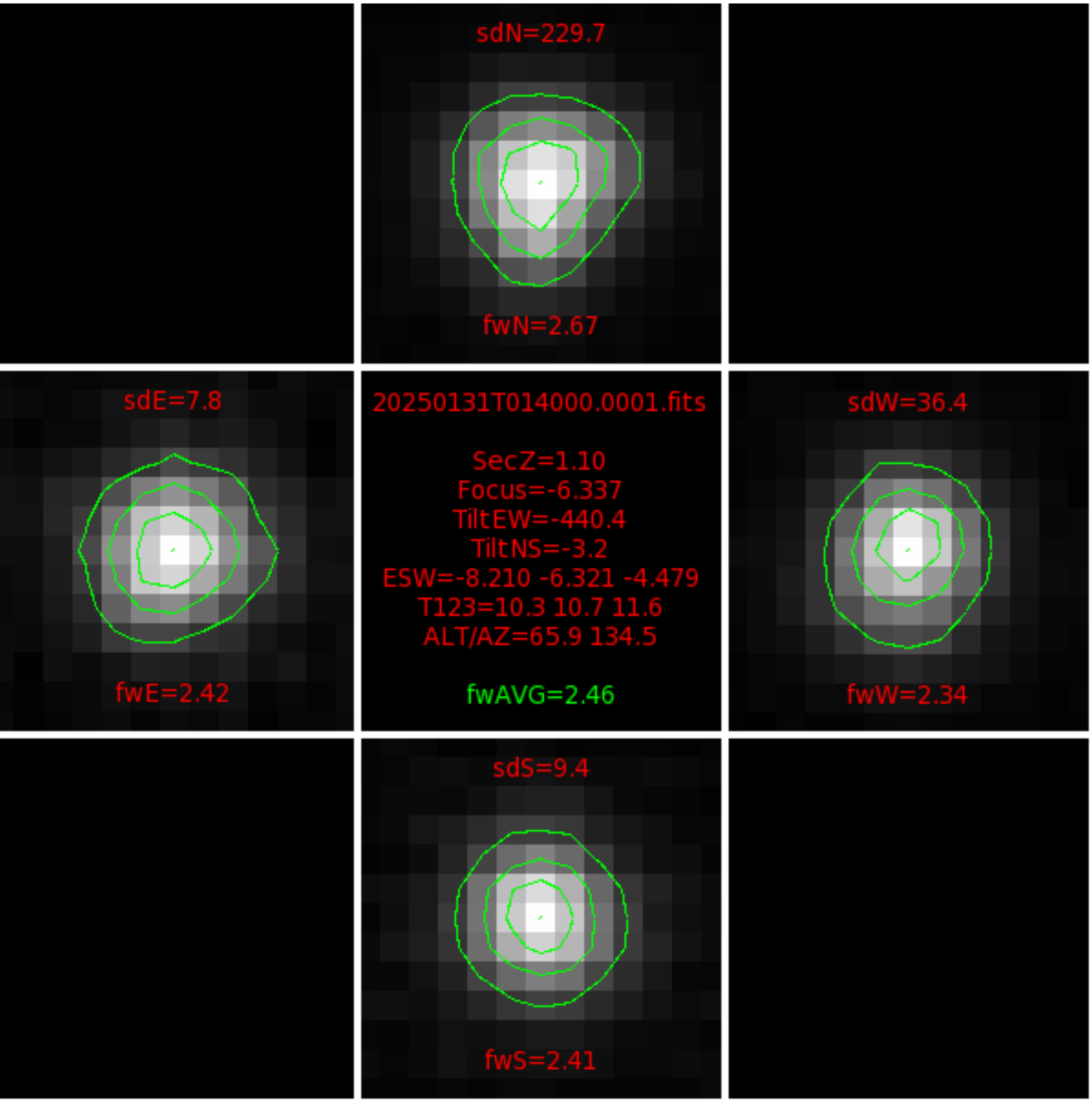

sdN=18.7
fwN=2.63
sdE=36.1
fwE=2.55
20250131T013514.0001.fits
SecZ=1.14
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.4 10.8 11.5
ALT/AZ=61.6 167.5
fwAVG=2.49
sdW=40.5
fwW=2.30
sdS=227.8
fwS=2.46
0 0 0 0 0 0 0 0 0


sdN=31.5
fwN=2.51
sdE=64.6
fwE=2.43
20250131T013546.0001.fits
SecZ=1.14
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.3 10.8 11.6
ALT/AZ=61.7 167.8
fwAVG=2.34
sdW=75.3
fwW=2.18
sdS=379.2
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=30.5
fwN=2.53
sdE=74.4
fwE=2.39
20250131T013725.0001.fits
SecZ=1.14
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.3 10.8 11.6
ALT/AZ=61.7 168.6
fwAVG=2.29
sdW=73.9
fwW=2.06
sdS=348.0
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=33.5
fwN=2.47
sdE=94.4
fwE=2.23
20250131T013755.0001.fits
SecZ=1.14
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.3 10.8 11.6
ALT/AZ=61.7 168.9
fwAVG=2.21
sdW=83.0
fwW=2.06
sdS=337.6
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=91.3
fwN=2.42
sdE=55.8
fwE=2.22
20250131T013929.0001.fits
SecZ=1.10
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.3 10.8 11.6
ALT/AZ=65.8 134.3
fwAVG=2.14
sdW=62.1
fwW=1.93
sdS=263.7
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=229.7
fwN=2.67
sdE=7.8
fwE=2.42
20250131T014000.0001.fits
SecZ=1.10
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.3 10.7 11.6
ALT/AZ=65.9 134.5
fwAVG=2.46
sdW=36.4
fwW=2.34
sdS=9.4
fwS=2.41
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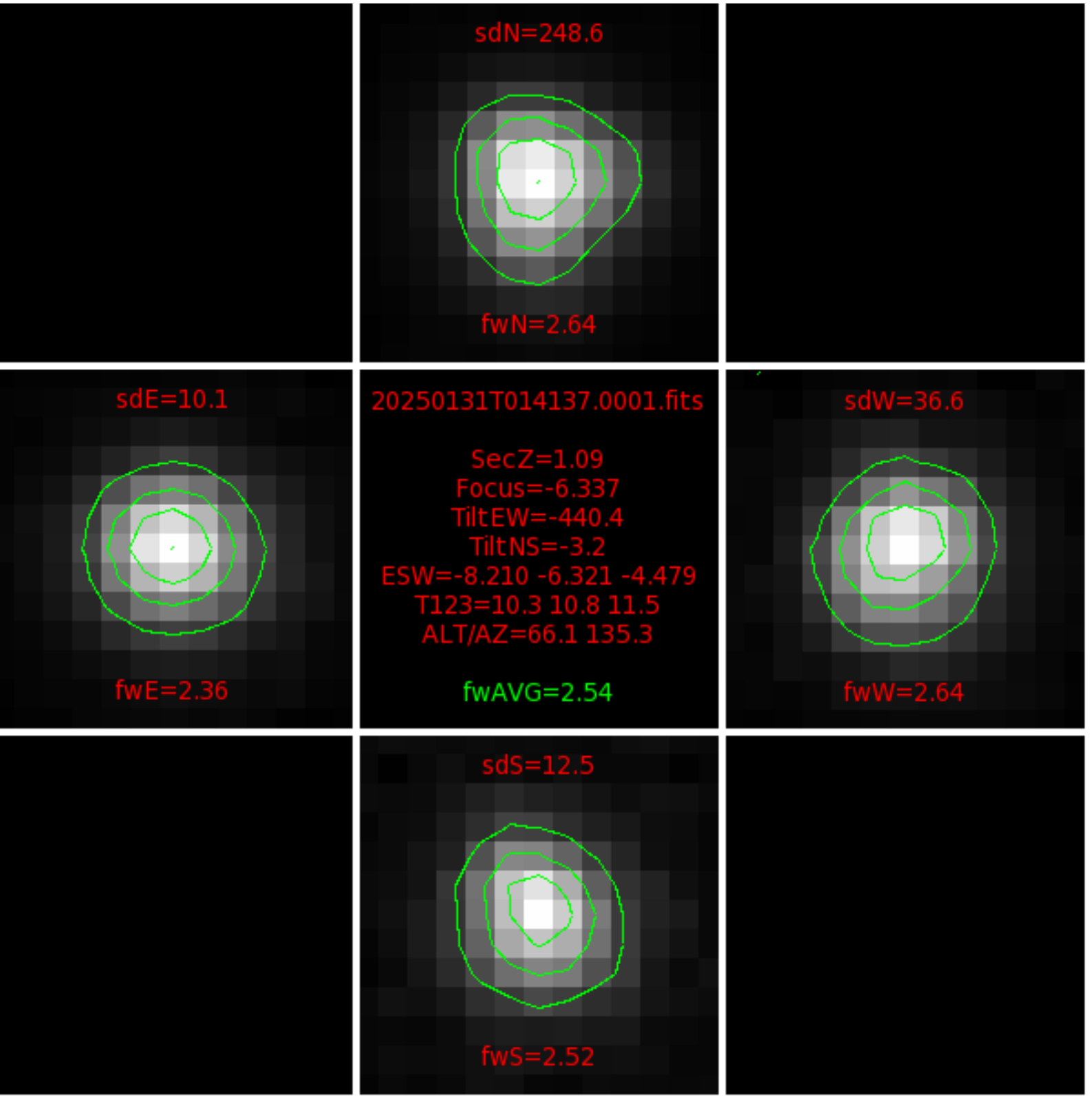
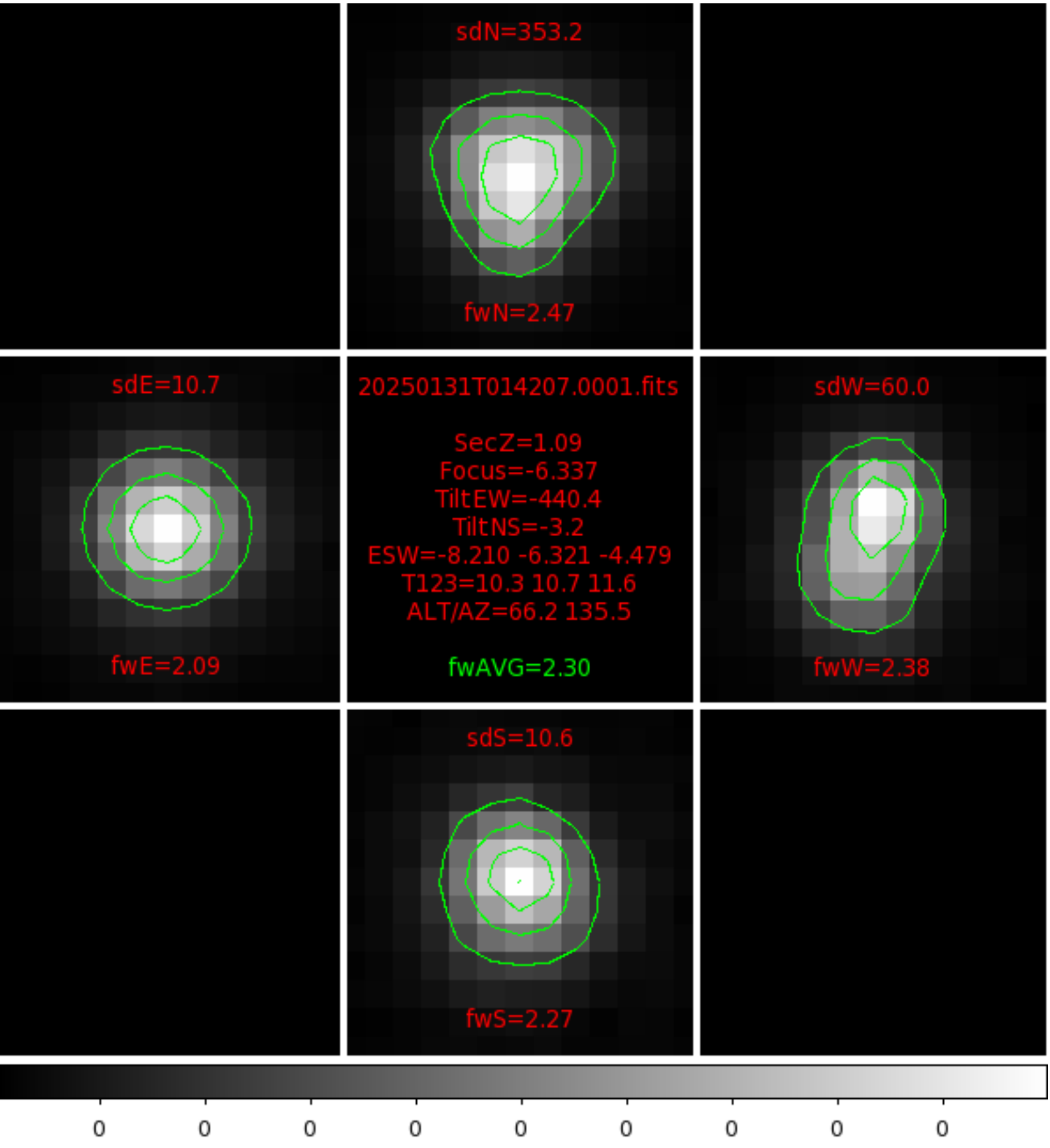
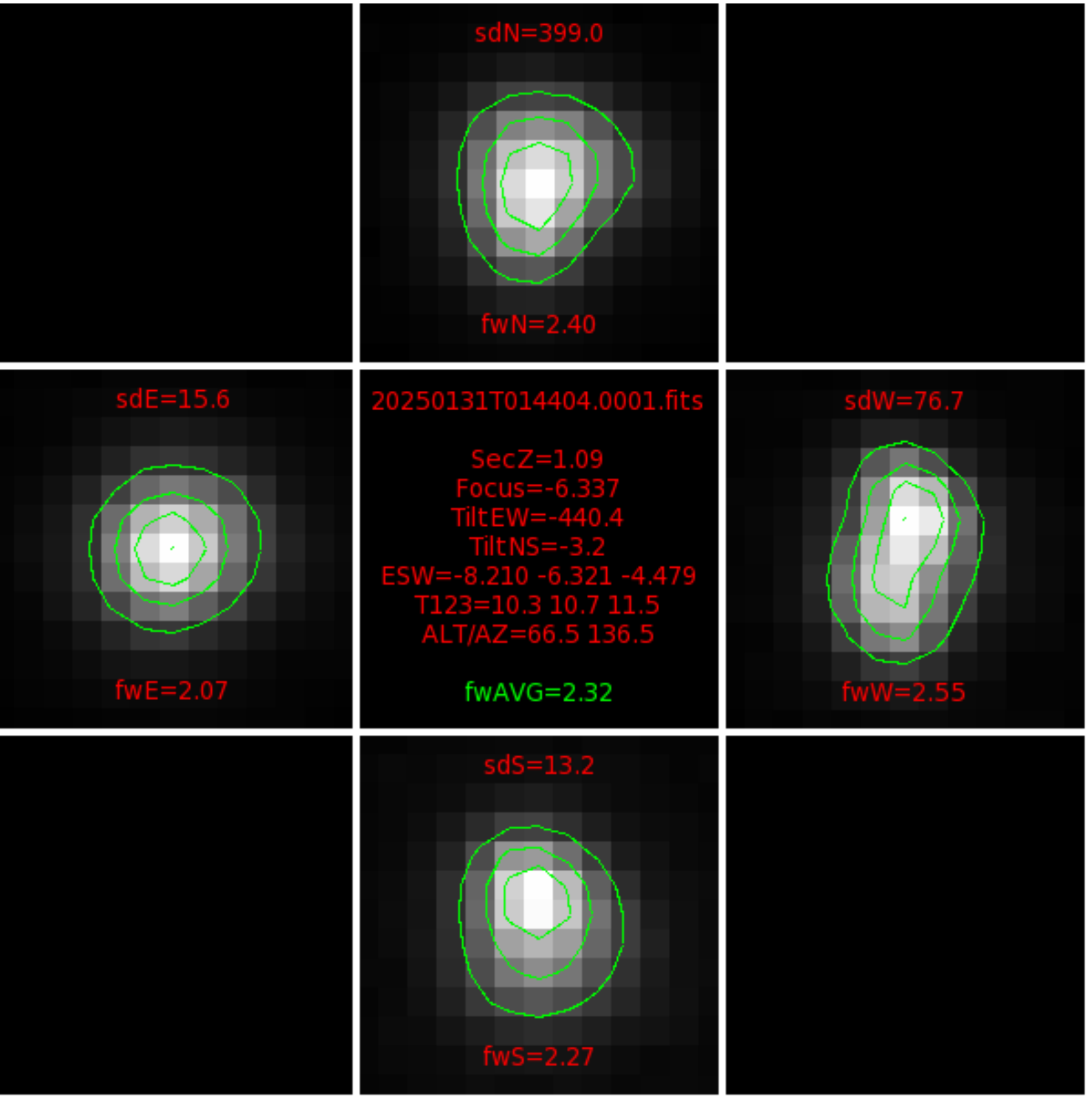
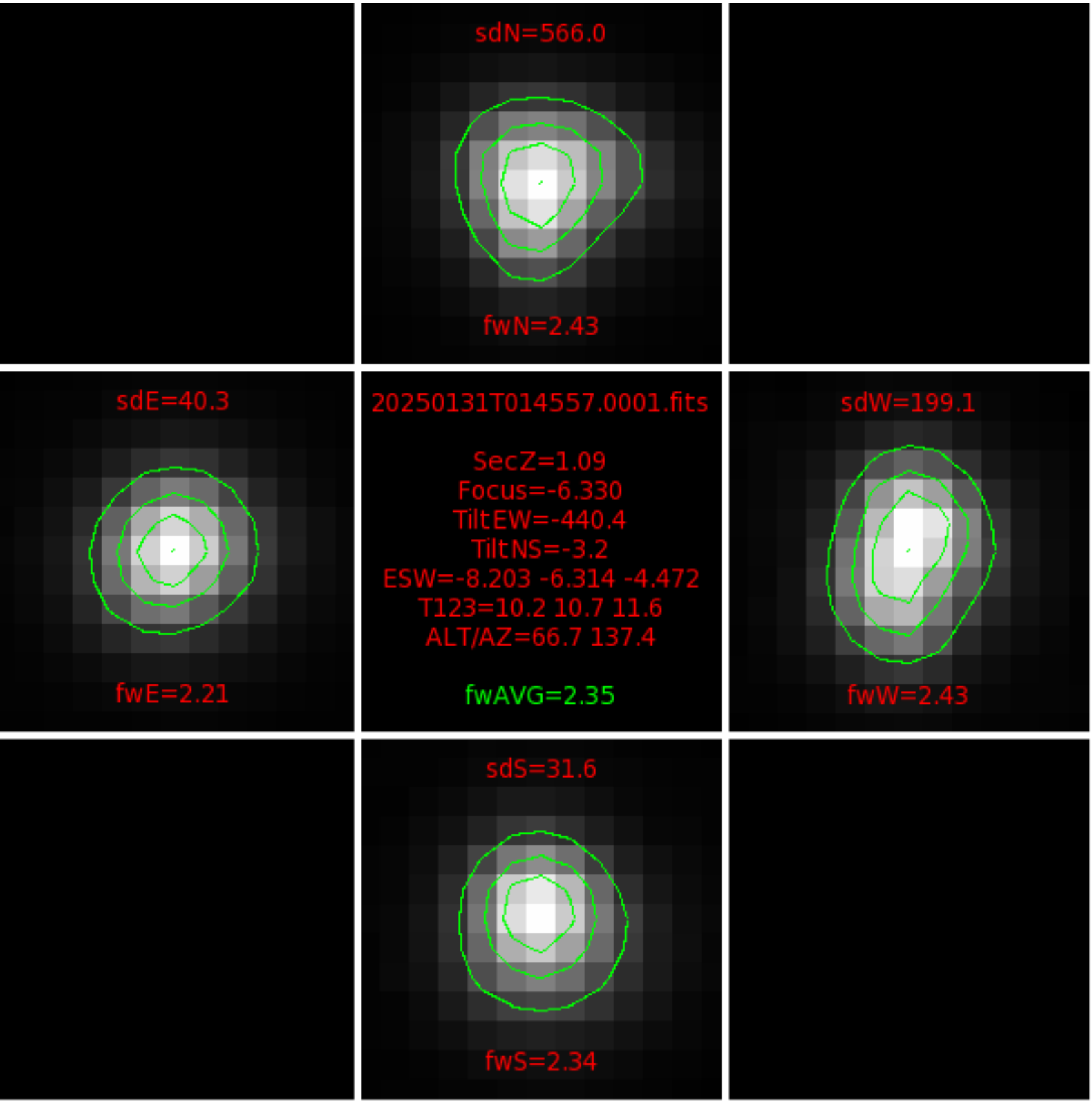
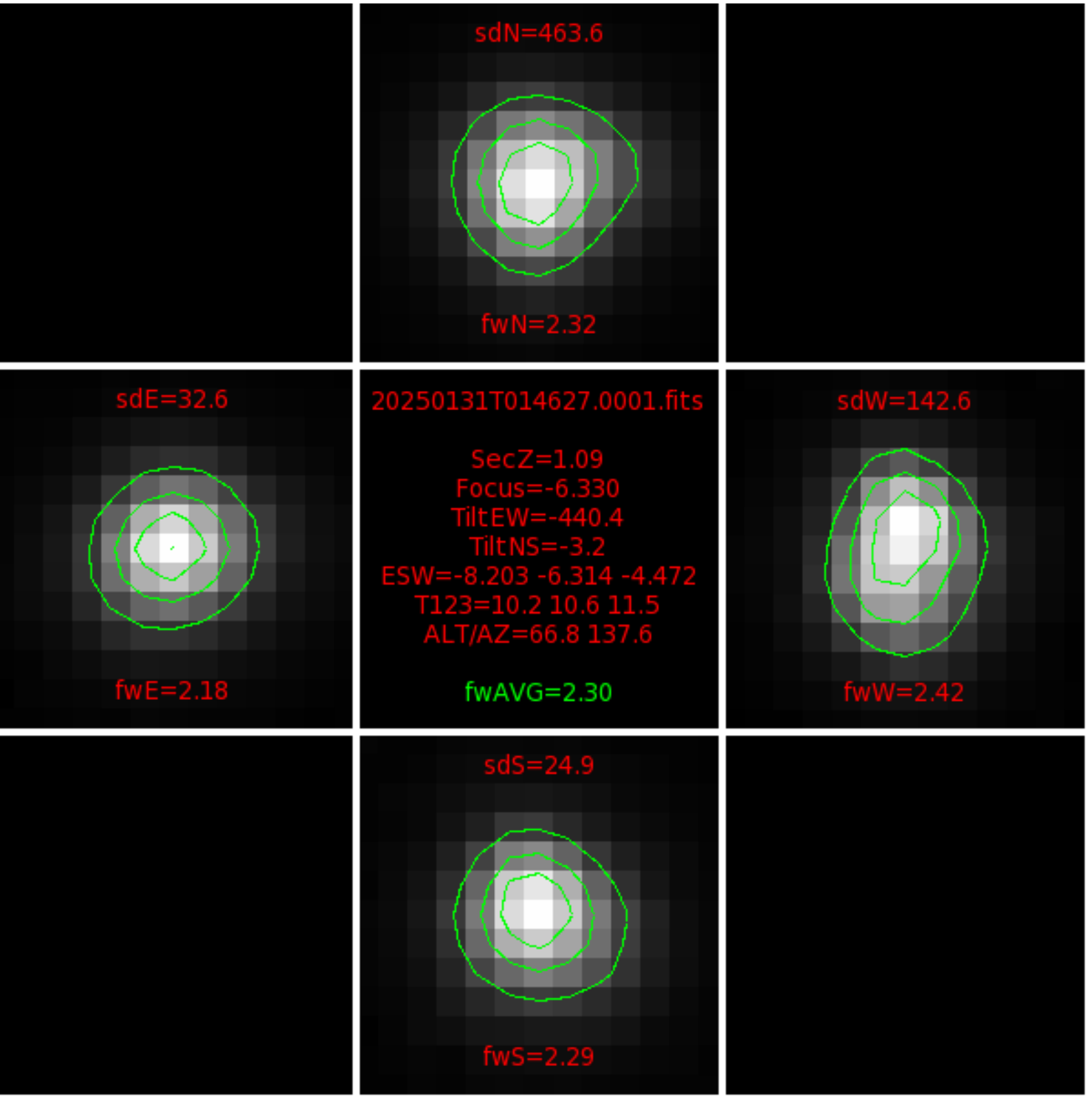
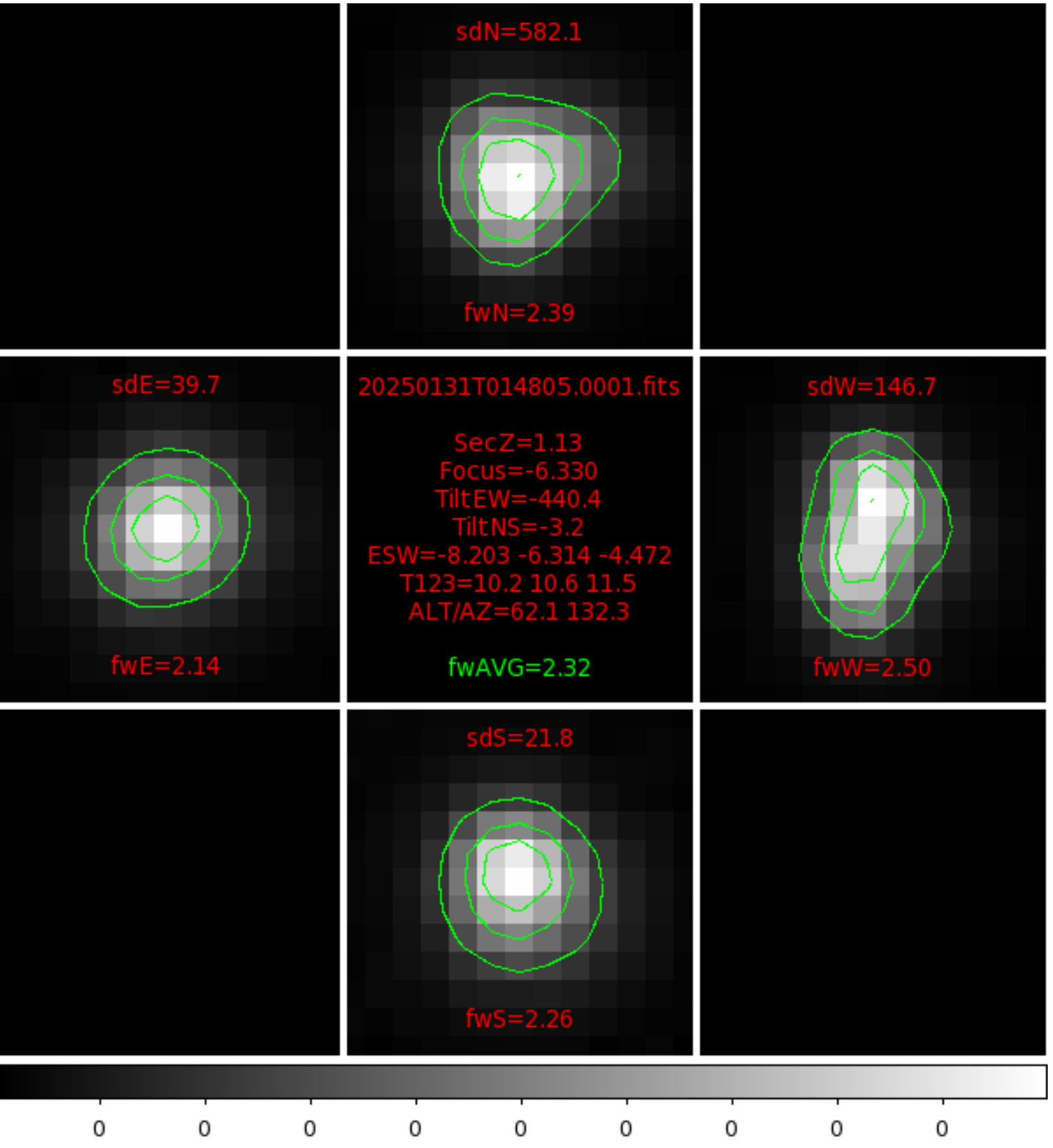

sdN=248.6
fwN=2.64
sdE=10.1
fwE=2.36
20250131T014137.0001.fits
SecZ=1.09
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.3 10.8 11.5
ALT/AZ=66.1 135.3
fwAVG=2.54
sdW=36.6
fwW=2.64
sdS=12.5
fwS=2.52
0 0 0 0 0 0 0 0 0

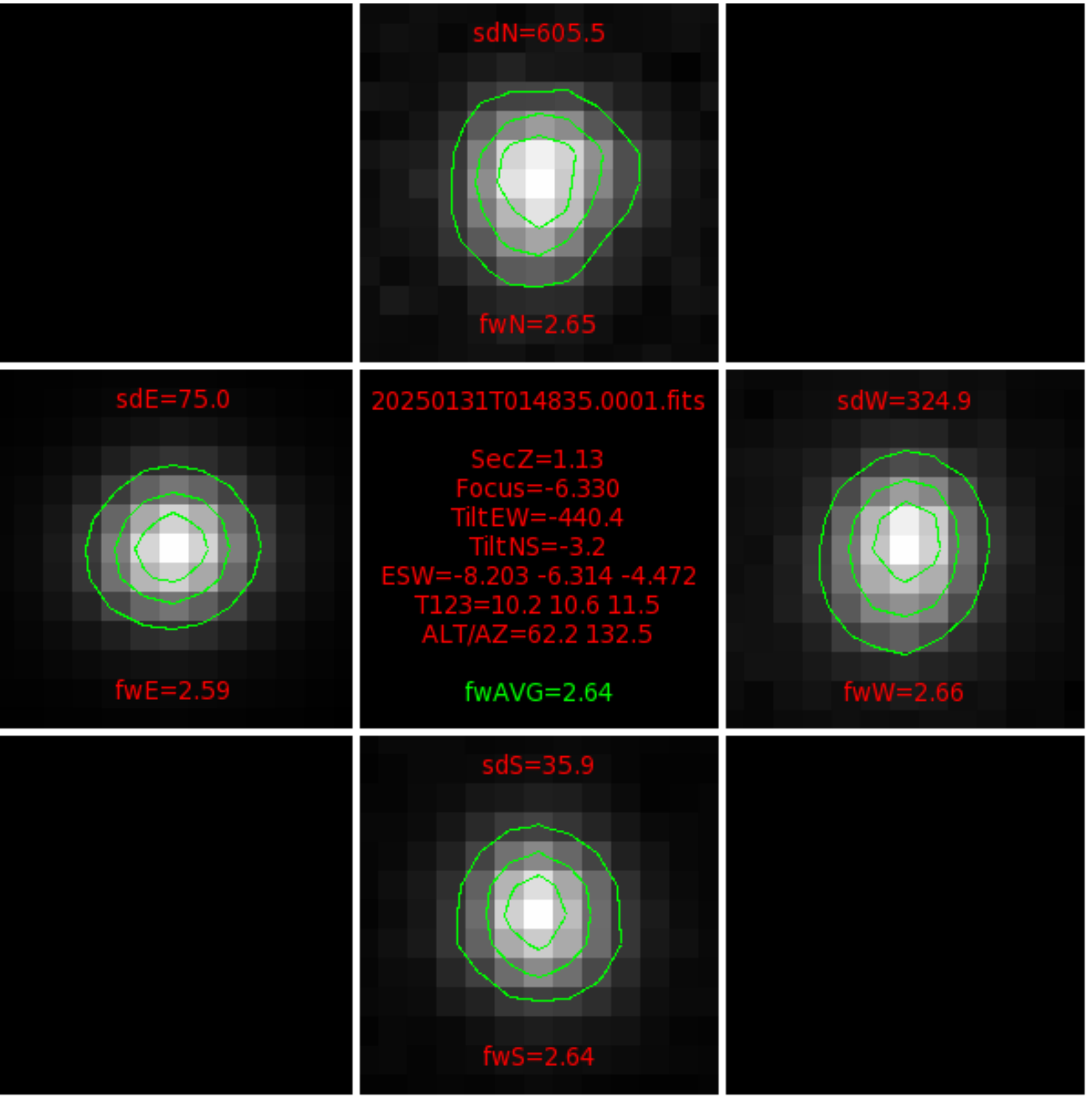

sdN=353.2
fwN=2.47
sdE=10.7
fwE=2.09
20250131T014207.0001.fits
SecZ=1.09
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.3 10.7 11.6
ALT/AZ=66.2 135.5
fwAVG=2.30
sdW=60.0
fwW=2.38
sdS=10.6
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=399.0
fwN=2.40
sdE=15.6
fwE=2.07
20250131T014404.0001.fits
SecZ=1.09
Focus=-6.337
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.210 -6.321 -4.479
T123=10.3 10.7 11.5
ALT/AZ=66.5 136.5
fwAVG=2.32
sdW=76.7
fwW=2.55
sdS=13.2
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=566.0
fwN=2.43
sdE=40.3
fwE=2.21
20250131T014557.0001.fits
SecZ=1.09
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.2 10.7 11.6
ALT/AZ=66.7 137.4
fwAVG=2.35
sdW=199.1
fwW=2.43
sdS=31.6
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=463.6
fwN=2.32
sdE=32.6
fwE=2.18
20250131T014627.0001.fits
SecZ=1.09
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.2 10.6 11.5
ALT/AZ=66.8 137.6
fwAVG=2.30
sdW=142.6
fwW=2.42
sdS=24.9
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=582.1
fwN=2.39
sdE=39.7
fwE=2.14
20250131T014805.0001.fits
SecZ=1.13
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.2 10.6 11.5
ALT/AZ=62.1 132.3
fwAVG=2.32
sdW=146.7
fwW=2.50
sdS=21.8
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=605.5
fwN=2.65
sdE=75.0
fwE=2.59
20250131T014835.0001.fits
SecZ=1.13
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.2 10.6 11.5
ALT/AZ=62.2 132.5
fwAVG=2.64
sdW=324.9
fwW=2.66
sdS=35.9
fwS=2.64
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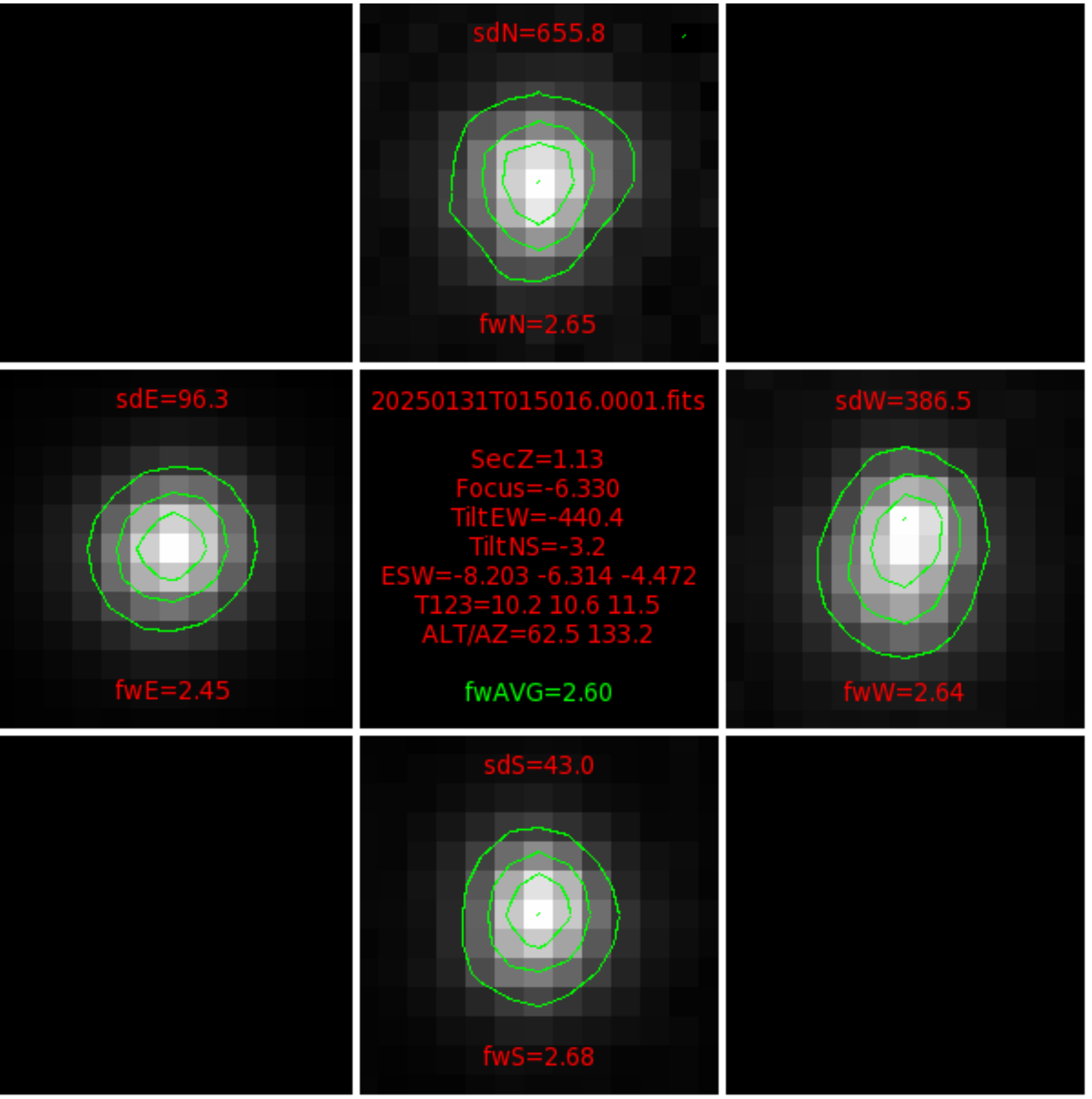
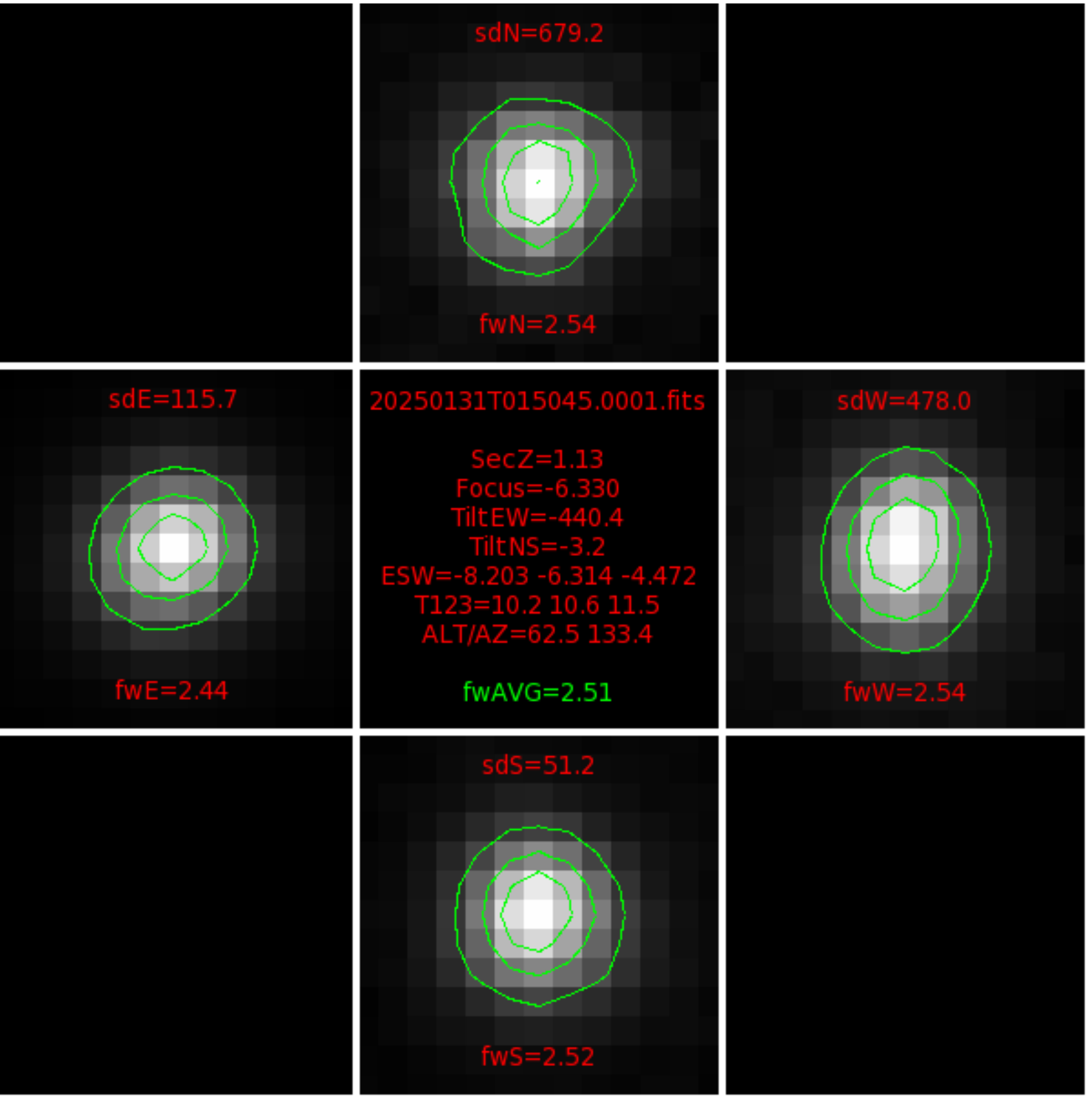
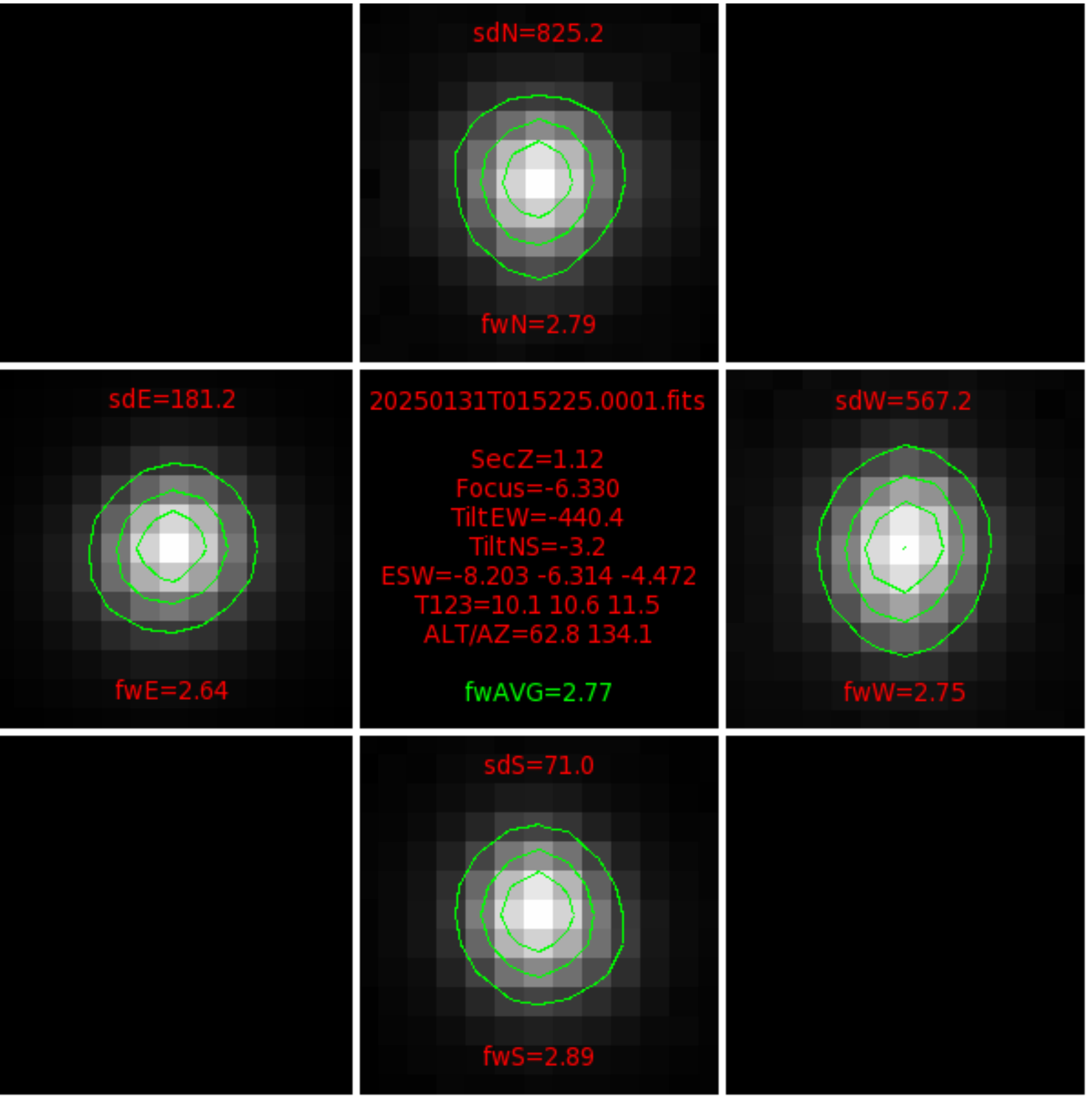
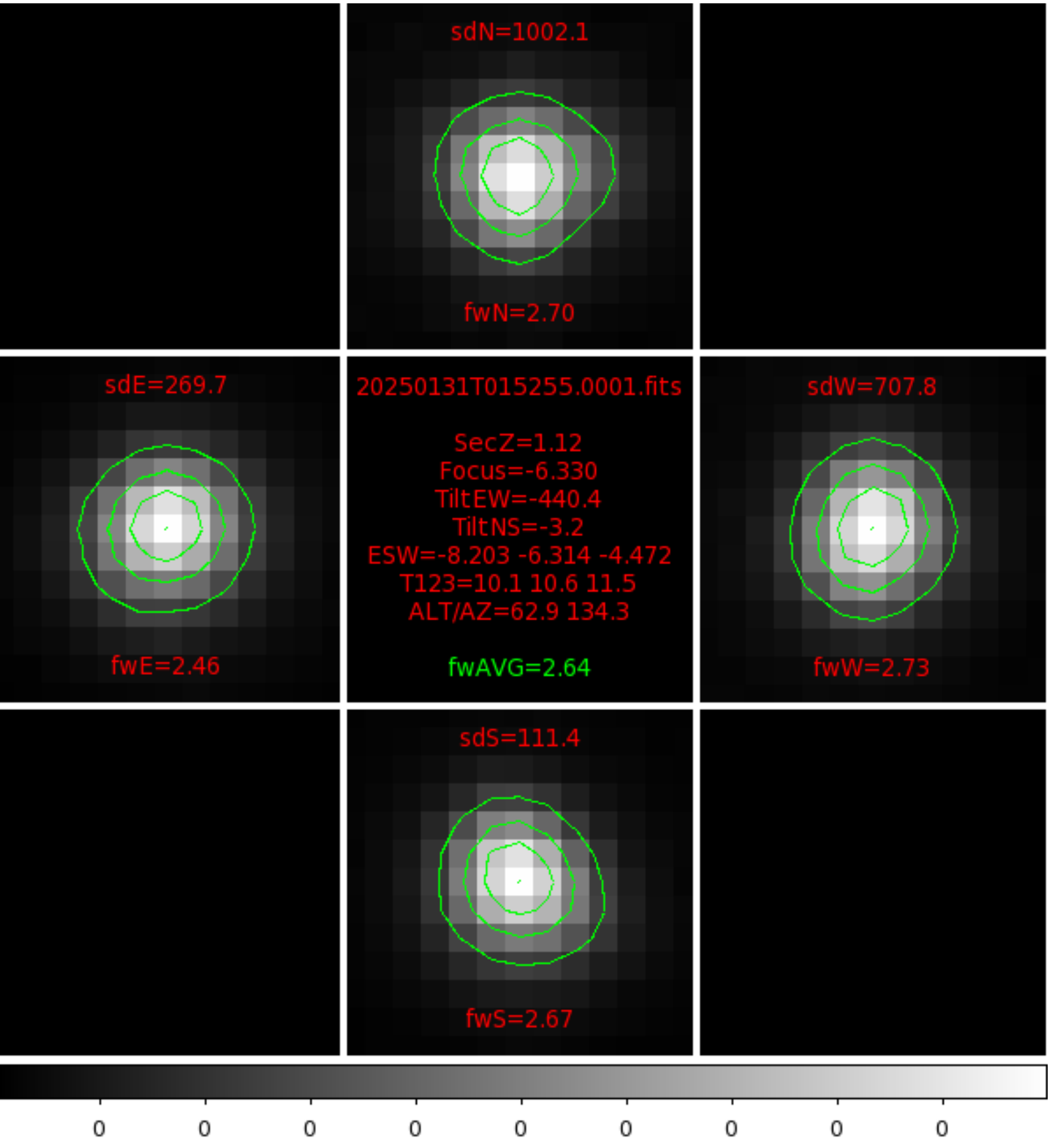
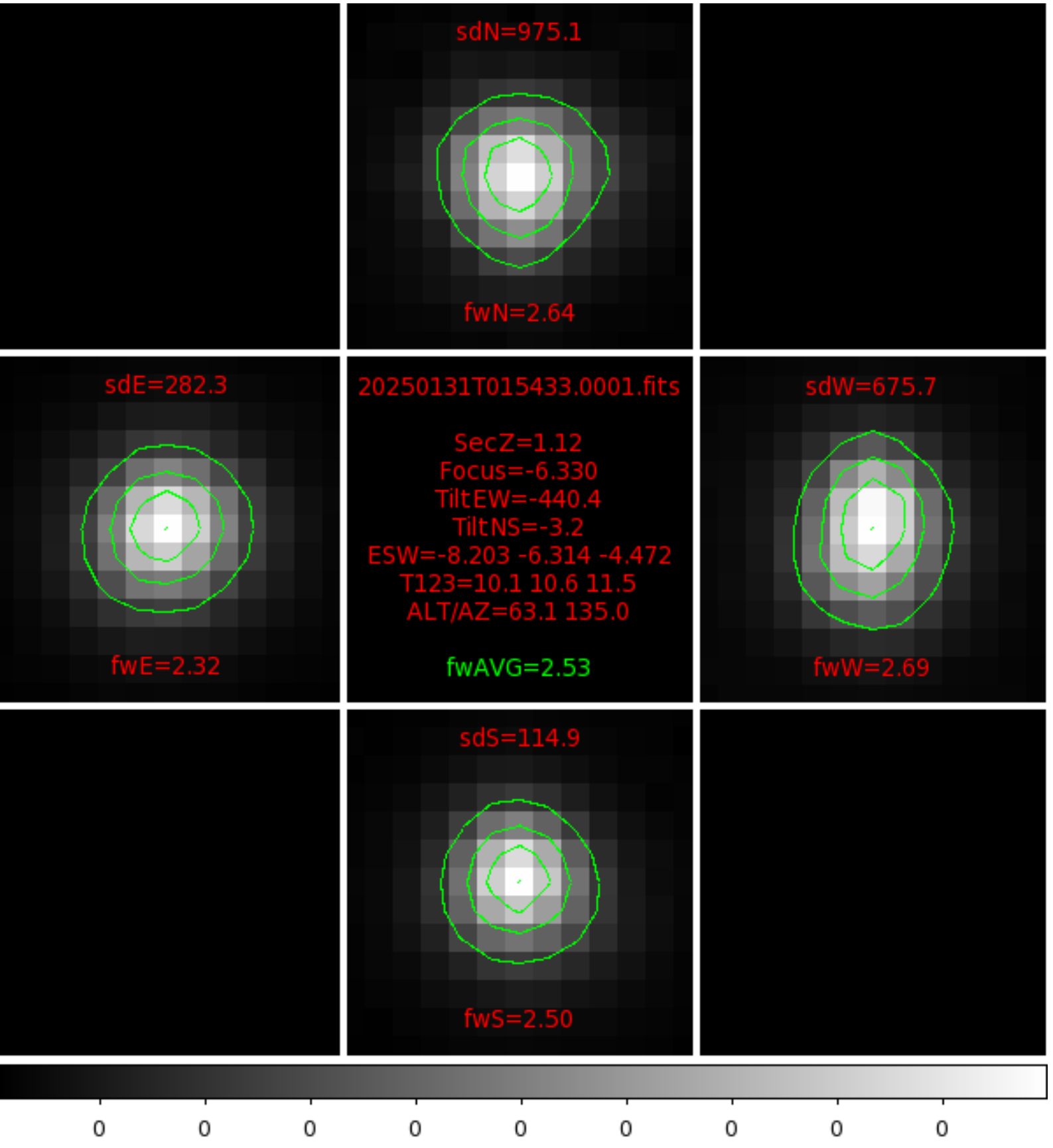
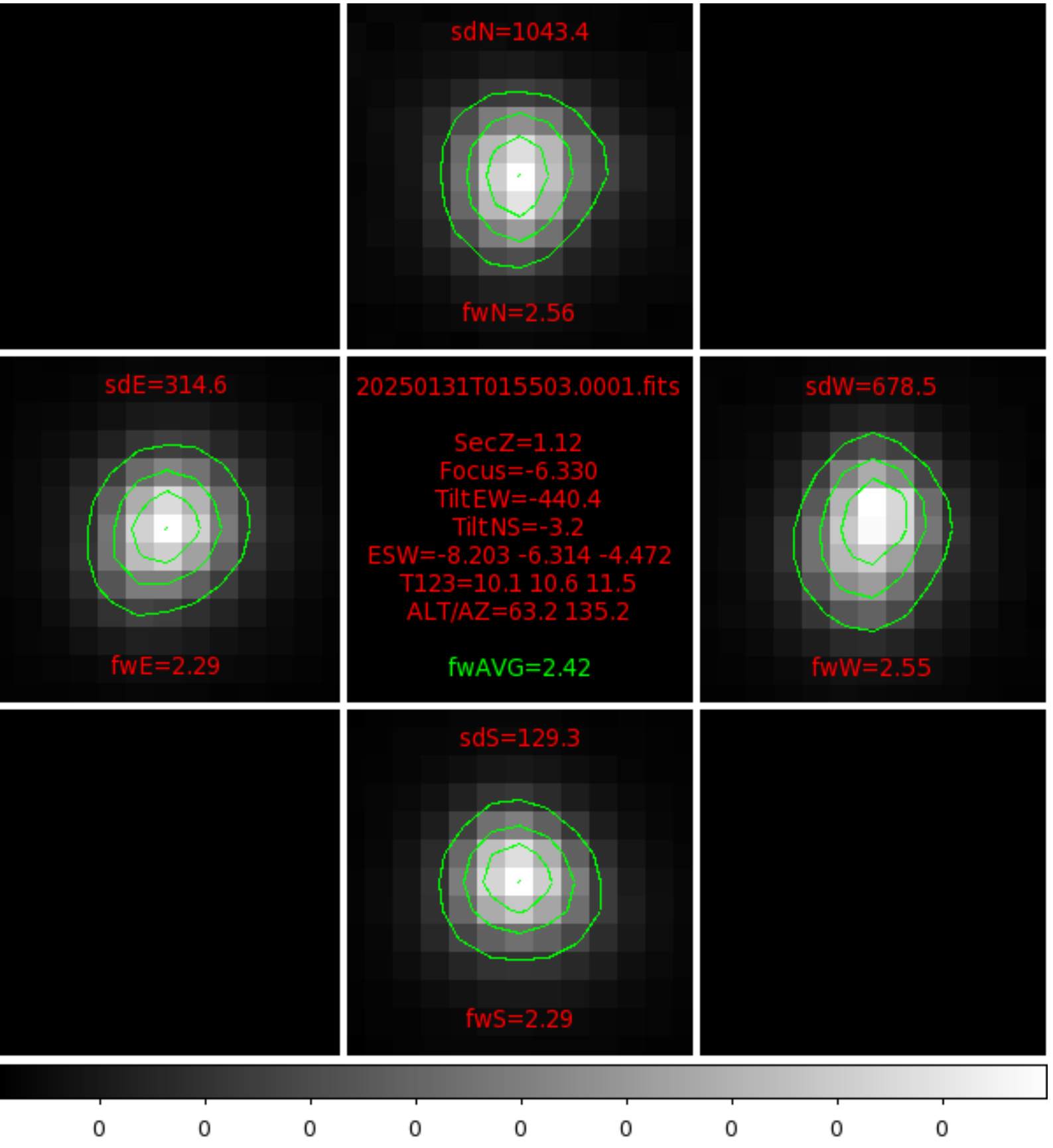

sdN=655.8
fwN=2.65
sdE=96.3
fwE=2.45
20250131T015016.0001.fits
SecZ=1.13
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.2 10.6 11.5
ALT/AZ=62.5 133.2
fwAVG=2.60
sdW=386.5
fwW=2.64
sdS=43.0
fwS=2.68
0 0 0 0 0 0 0 0 0

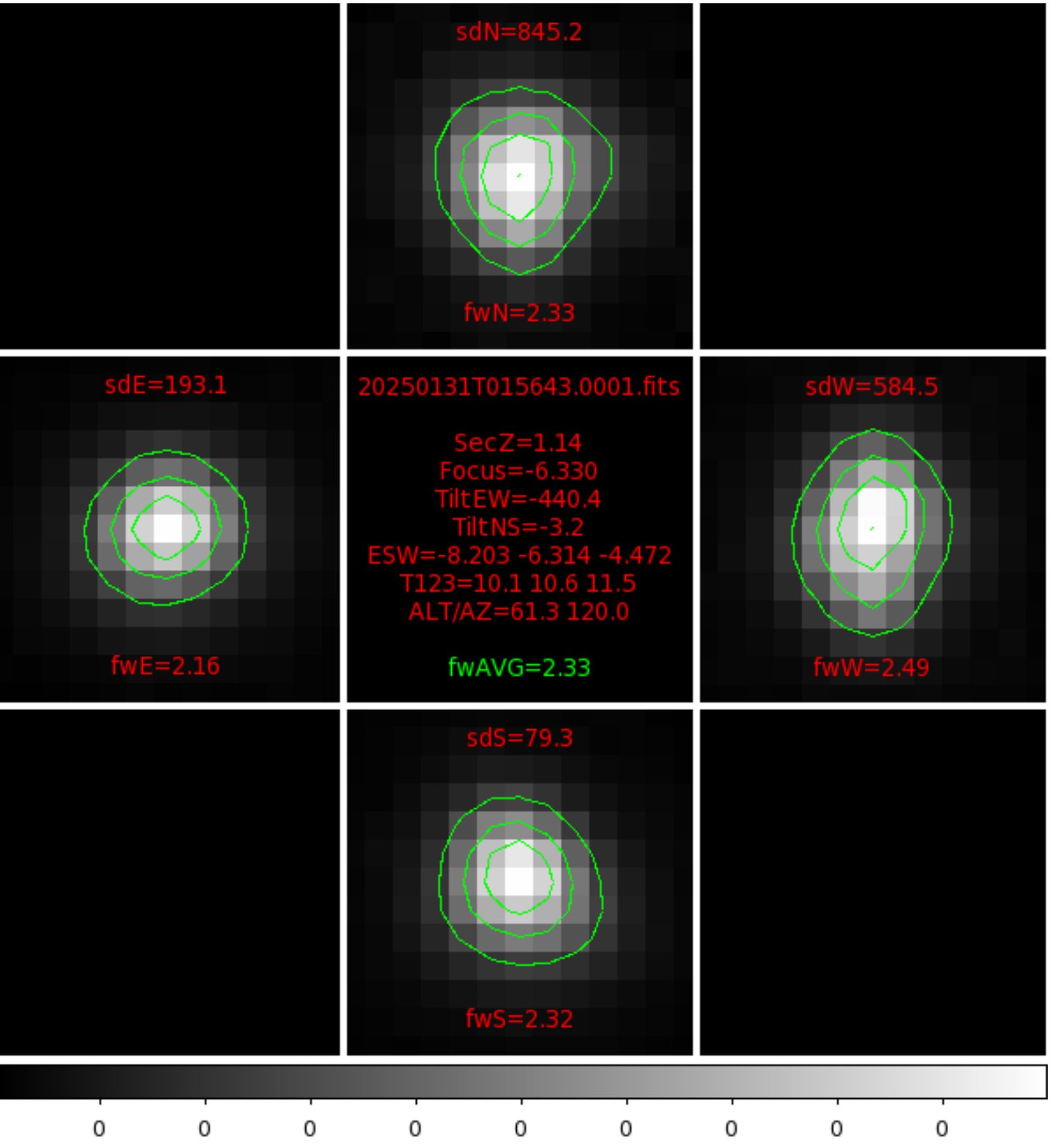

sdN=679.2
fwN=2.54
sdE=115.7
fwE=2.44
20250131T015045.0001.fits
SecZ=1.13
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.2 10.6 11.5
ALT/AZ=62.5 133.4
fwAVG=2.51
sdW=478.0
fwW=2.54
sdS=51.2
fwS=2.52
0 0 0 0 0 0 0 0 0


sdN=825.2
fwN=2.79
sdE=181.2
fwE=2.64
20250131T015225.0001.fits
SecZ=1.12
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.1 10.6 11.5
ALT/AZ=62.8 134.1
fwAVG=2.77
sdW=567.2
fwW=2.75
sdS=71.0
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=1002.1
fwN=2.70
sdE=269.7
fwE=2.46
20250131T015255.0001.fits
SecZ=1.12
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.1 10.6 11.5
ALT/AZ=62.9 134.3
fwAVG=2.64
sdW=707.8
fwW=2.73
sdS=111.4
fwS=2.67
0 0 0 0 0 0 0 0 0


sdN=975.1
fwN=2.64
sdE=282.3
fwE=2.32
20250131T015433.0001.fits
SecZ=1.12
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.1 10.6 11.5
ALT/AZ=63.1 135.0
fwAVG=2.53
sdW=675.7
fwW=2.69
sdS=114.9
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=1043.4
fwN=2.56
sdE=314.6
fwE=2.29
20250131T015503.0001.fits
SecZ=1.12
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.1 10.6 11.5
ALT/AZ=63.2 135.2
fwAVG=2.42
sdW=678.5
fwW=2.55
sdS=129.3
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=845.2
fwN=2.33
sdE=193.1
fwE=2.16
20250131T015643.0001.fits
SecZ=1.14
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.1 10.6 11.5
ALT/AZ=61.3 120.0
fwAVG=2.33
sdW=584.5
fwW=2.49
sdS=79.3
fwS=2.32
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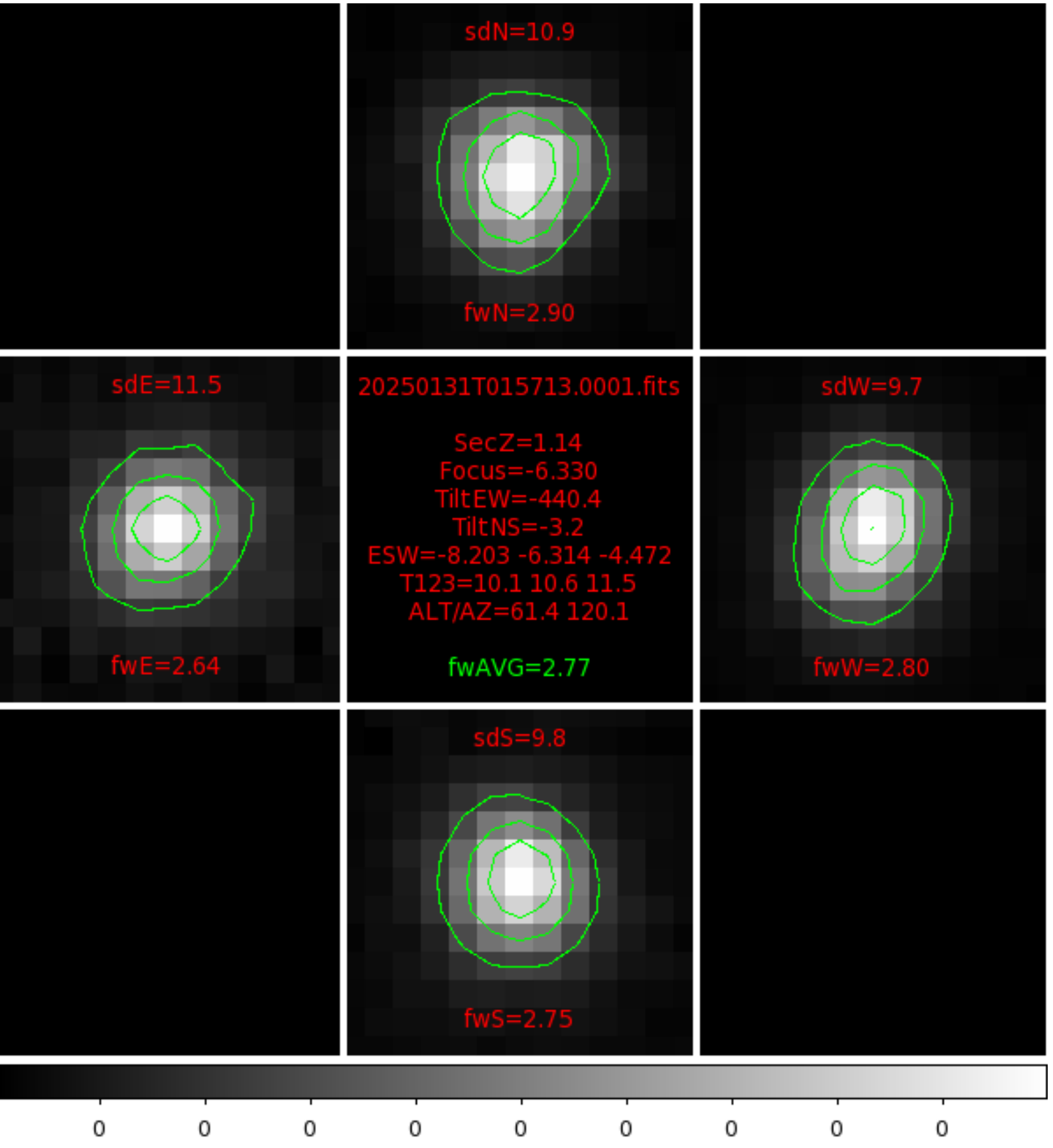
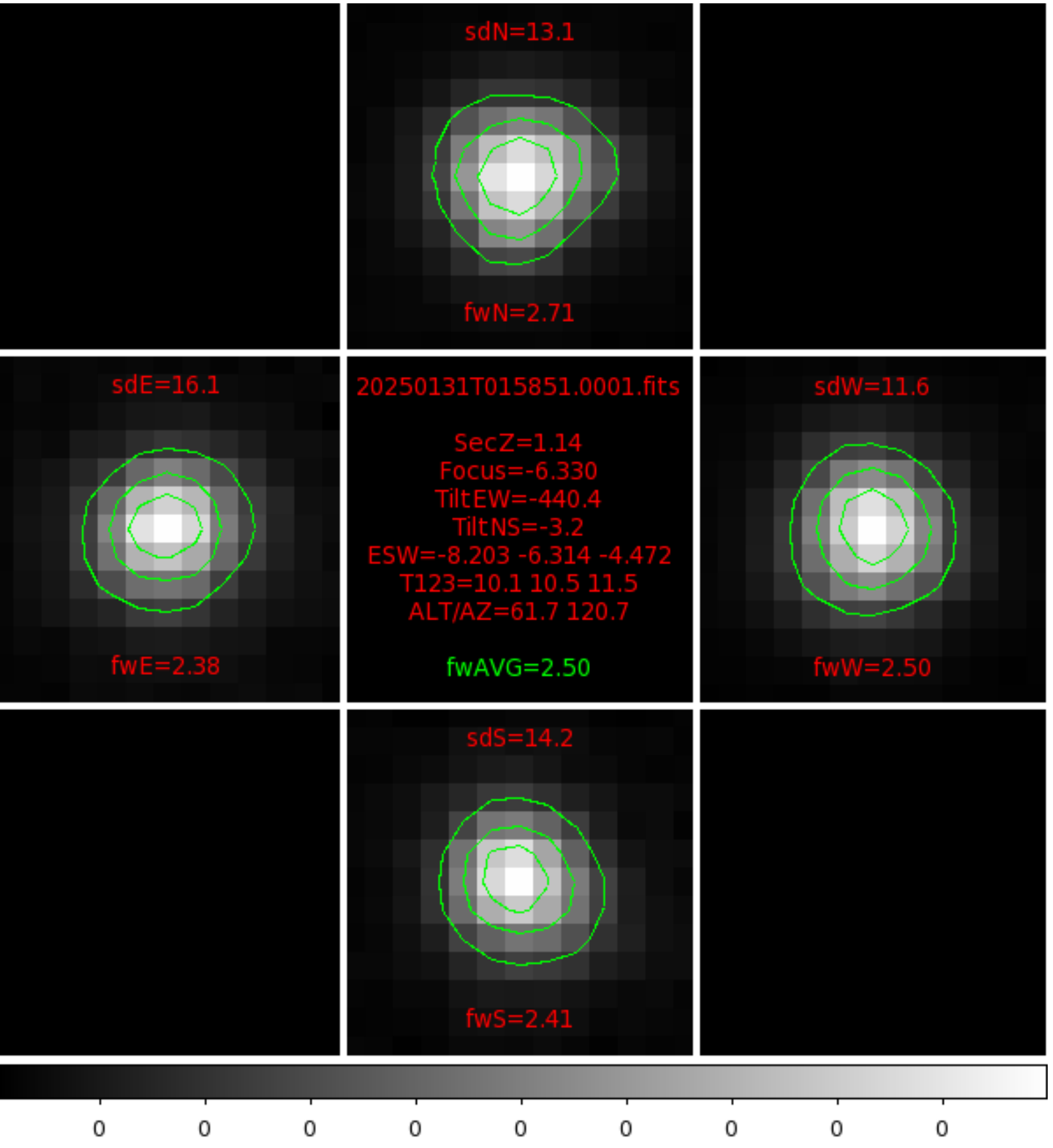
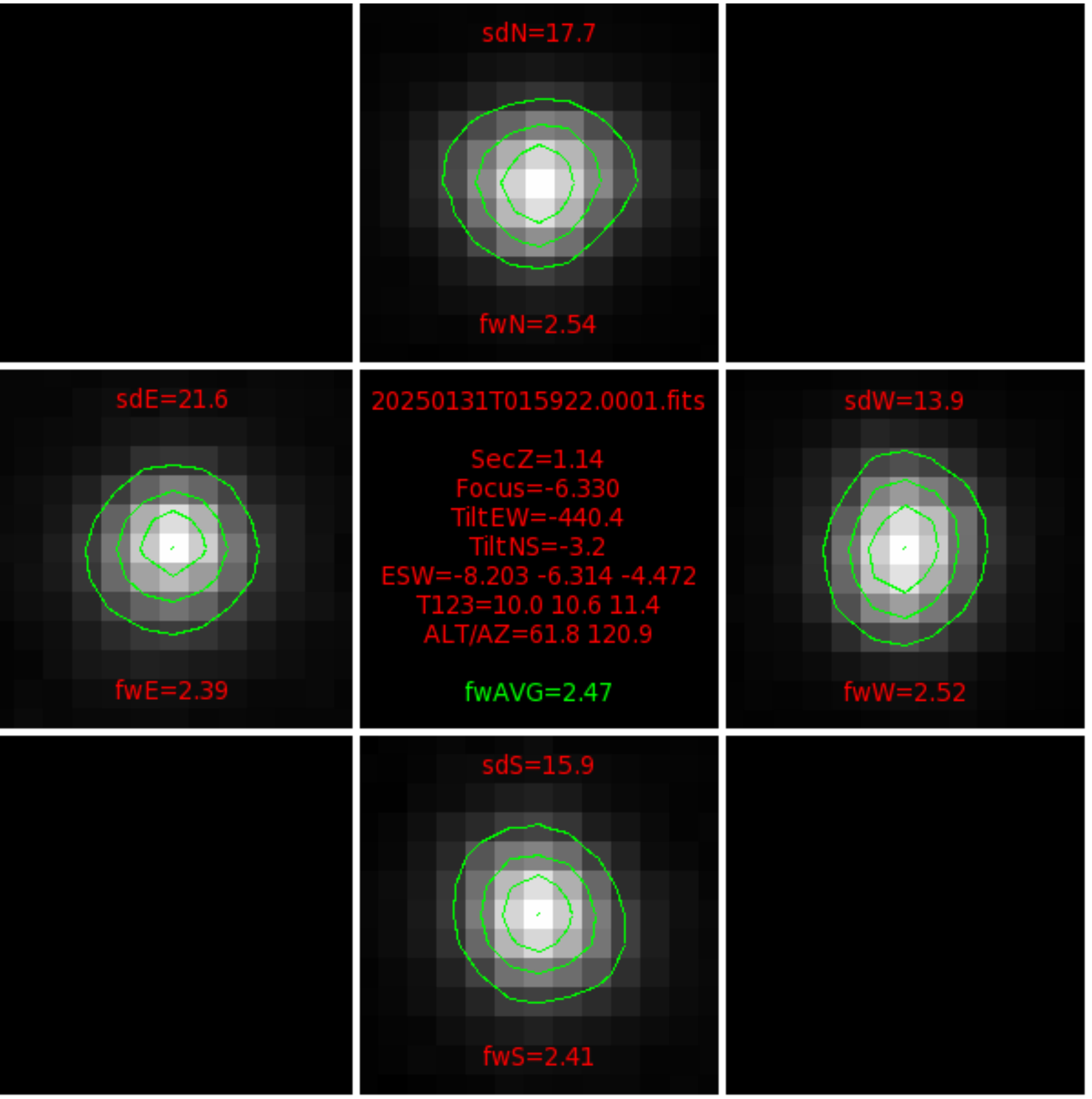
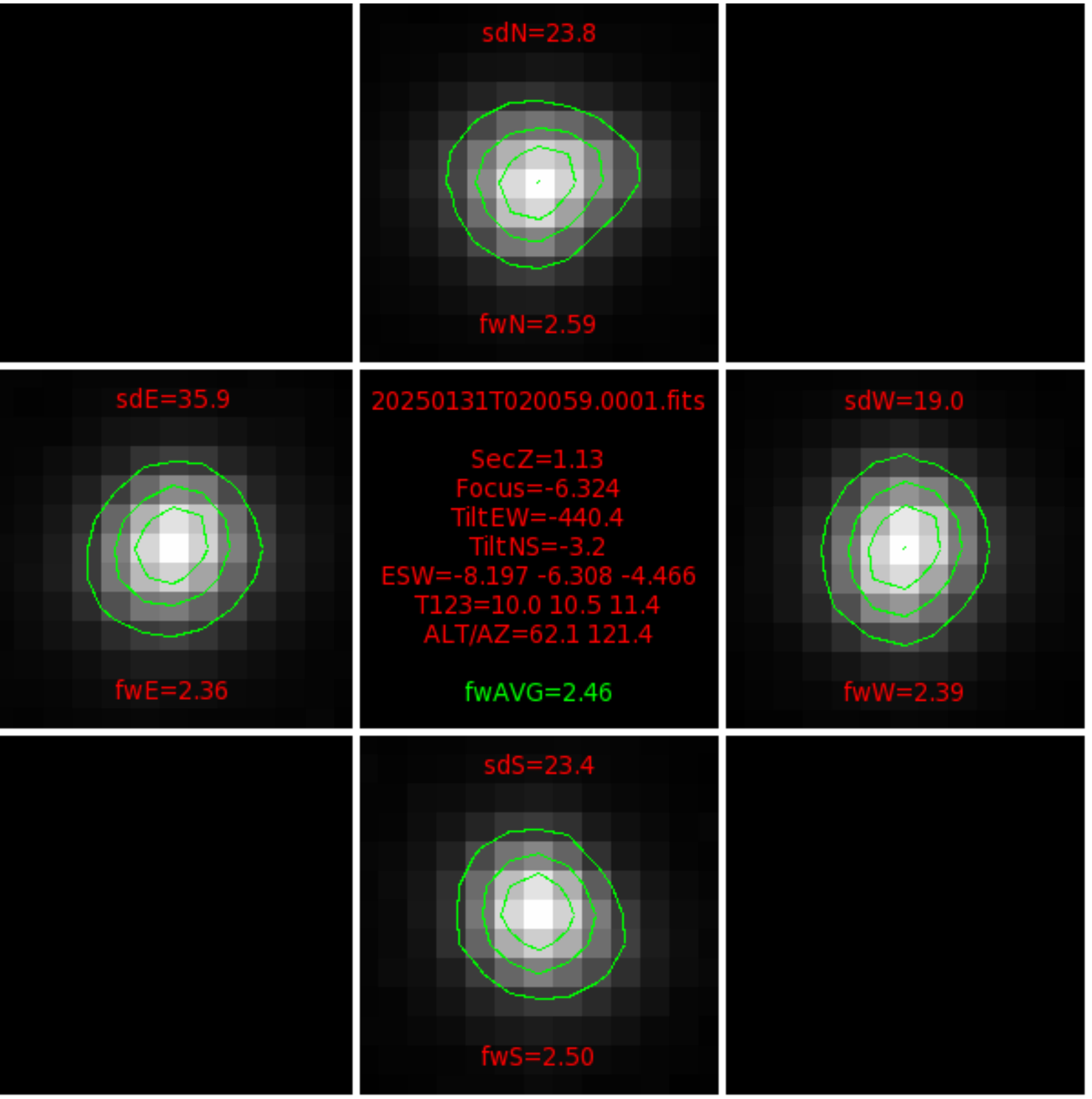
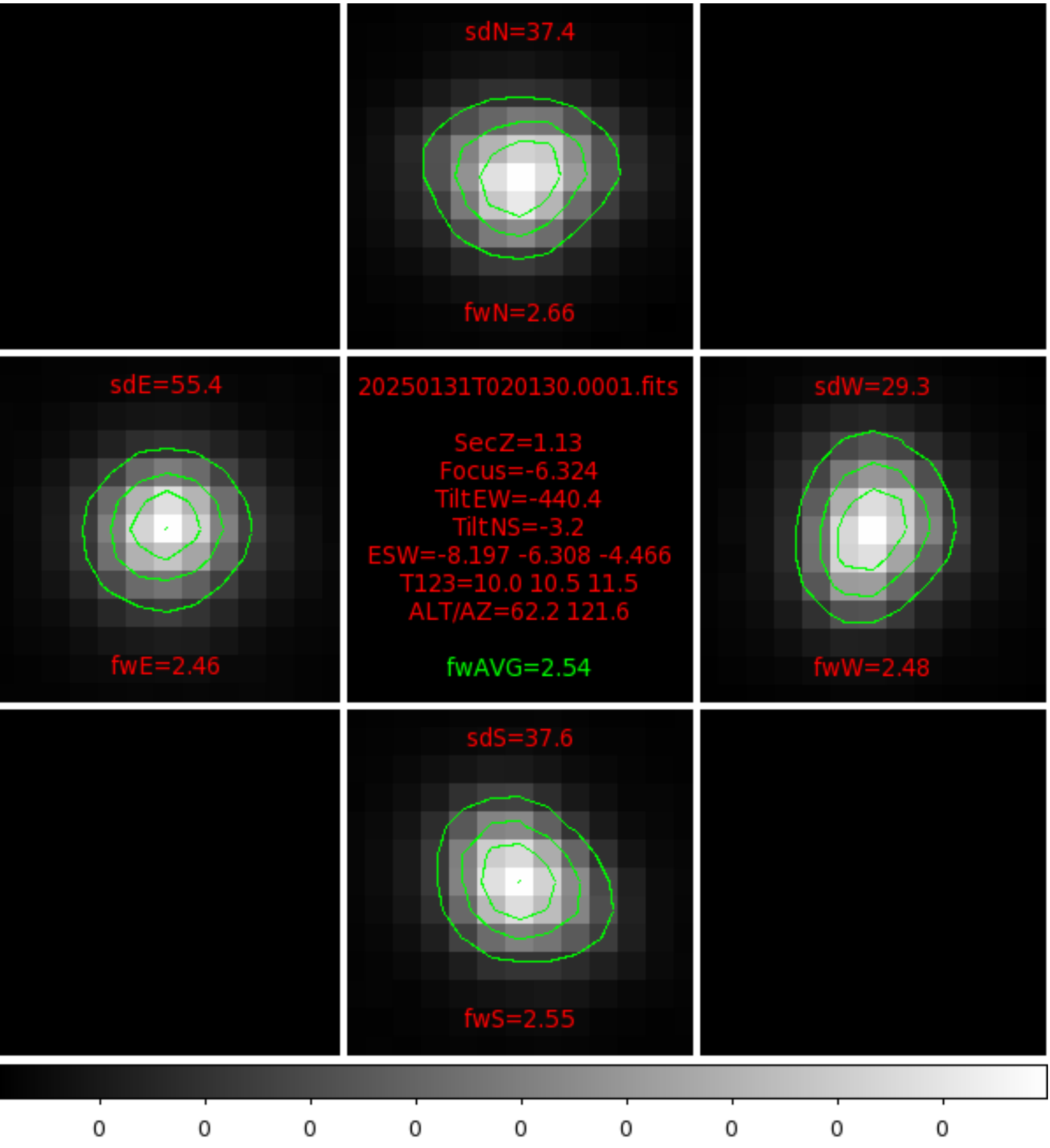
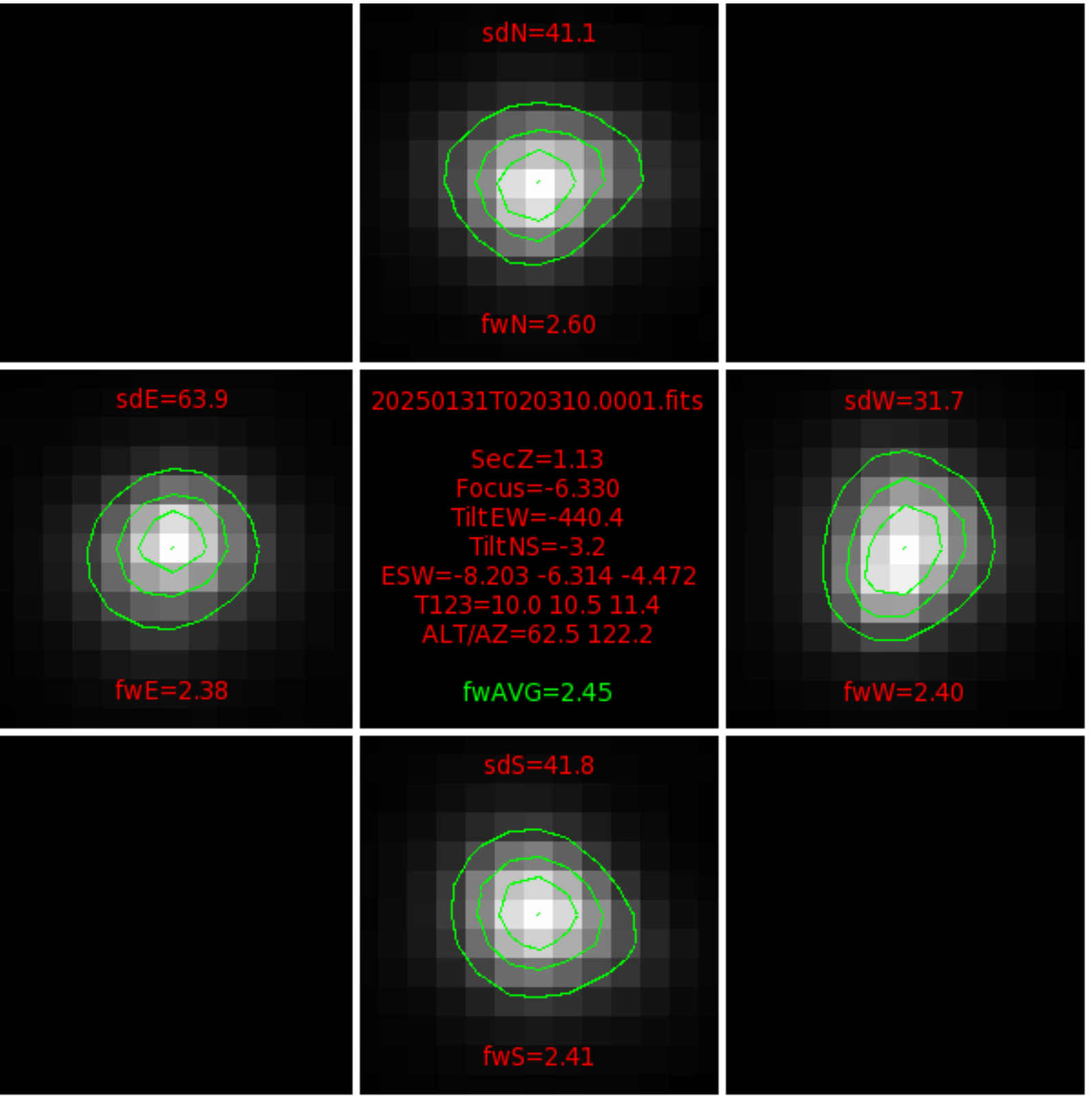

sdN=10.9
fwN=2.90
sdE=11.5
fwE=2.64
20250131T015713.0001.fits
SecZ=1.14
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.1 10.6 11.5
ALT/AZ=61.4 120.1
fwAVG=2.77
sdW=9.7
fwW=2.80
sdS=9.8
fwS=2.75
0 0 0 0 0 0 0 0 0

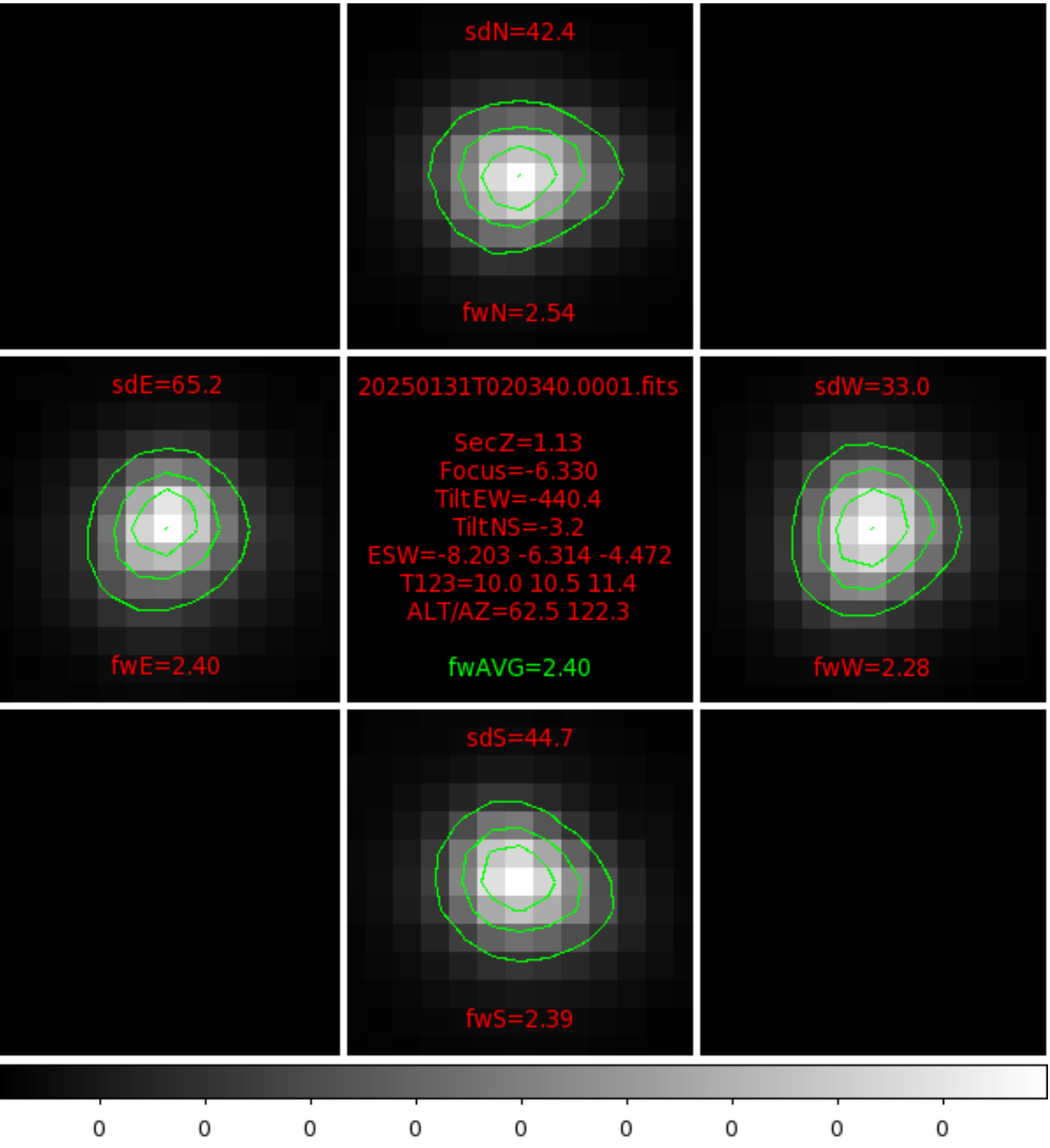

sdN=13.1
fwN=2.71
sdE=16.1
fwE=2.38
20250131T015851.0001.fits
SecZ=1.14
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.1 10.5 11.5
ALT/AZ=61.7 120.7
fwAVG=2.50
sdW=11.6
fwW=2.50
sdS=14.2
fwS=2.41
0 0 0 0 0 0 0 0 0

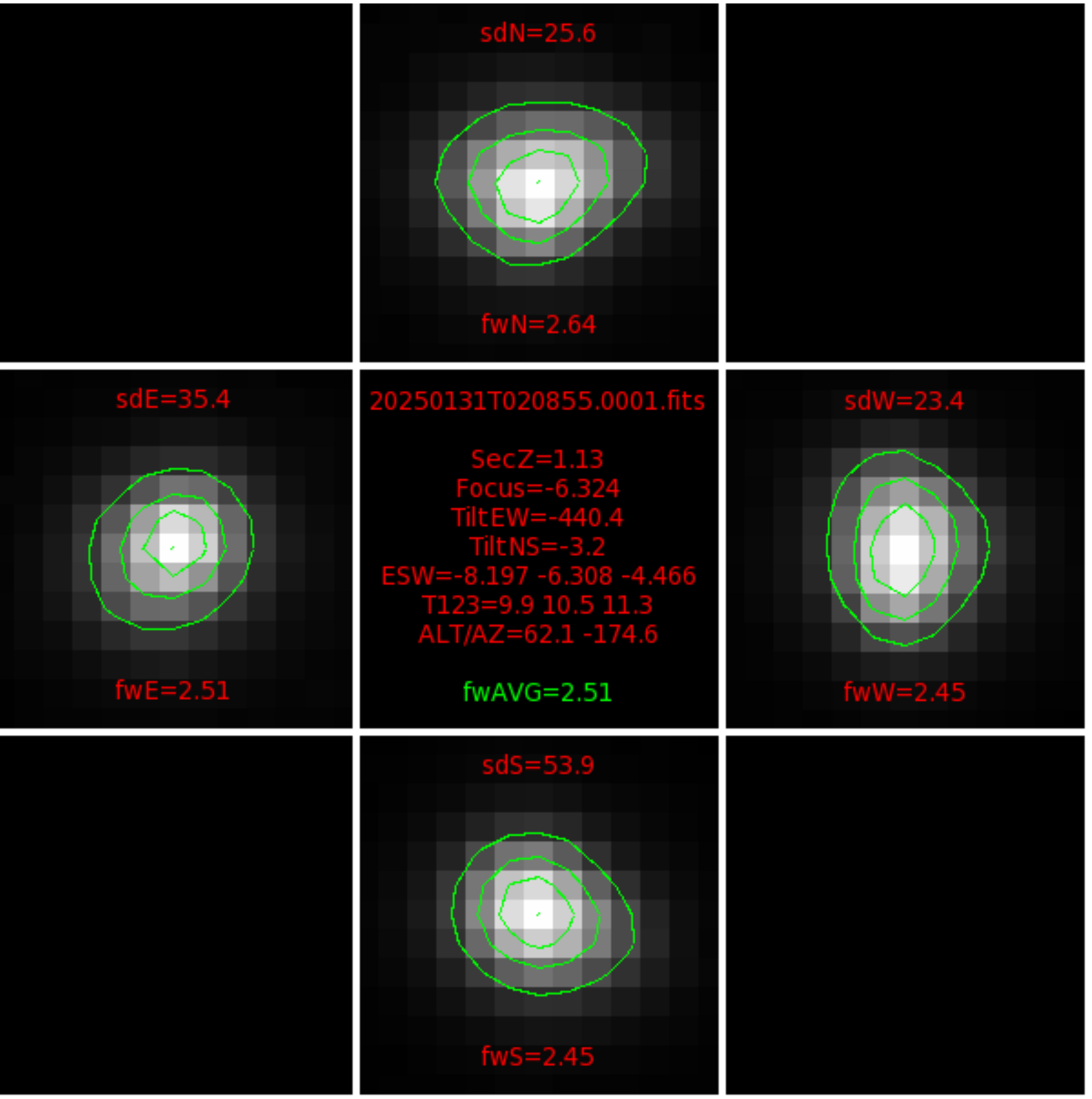

sdN=17.7
fwN=2.54
sdE=21.6
fwE=2.39
20250131T015922.0001.fits
SecZ=1.14
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.0 10.6 11.4
ALT/AZ=61.8 120.9
fwAVG=2.47
sdW=13.9
fwW=2.52
sdS=15.9
fwS=2.41
0 0 0 0 0 0 0 0 0

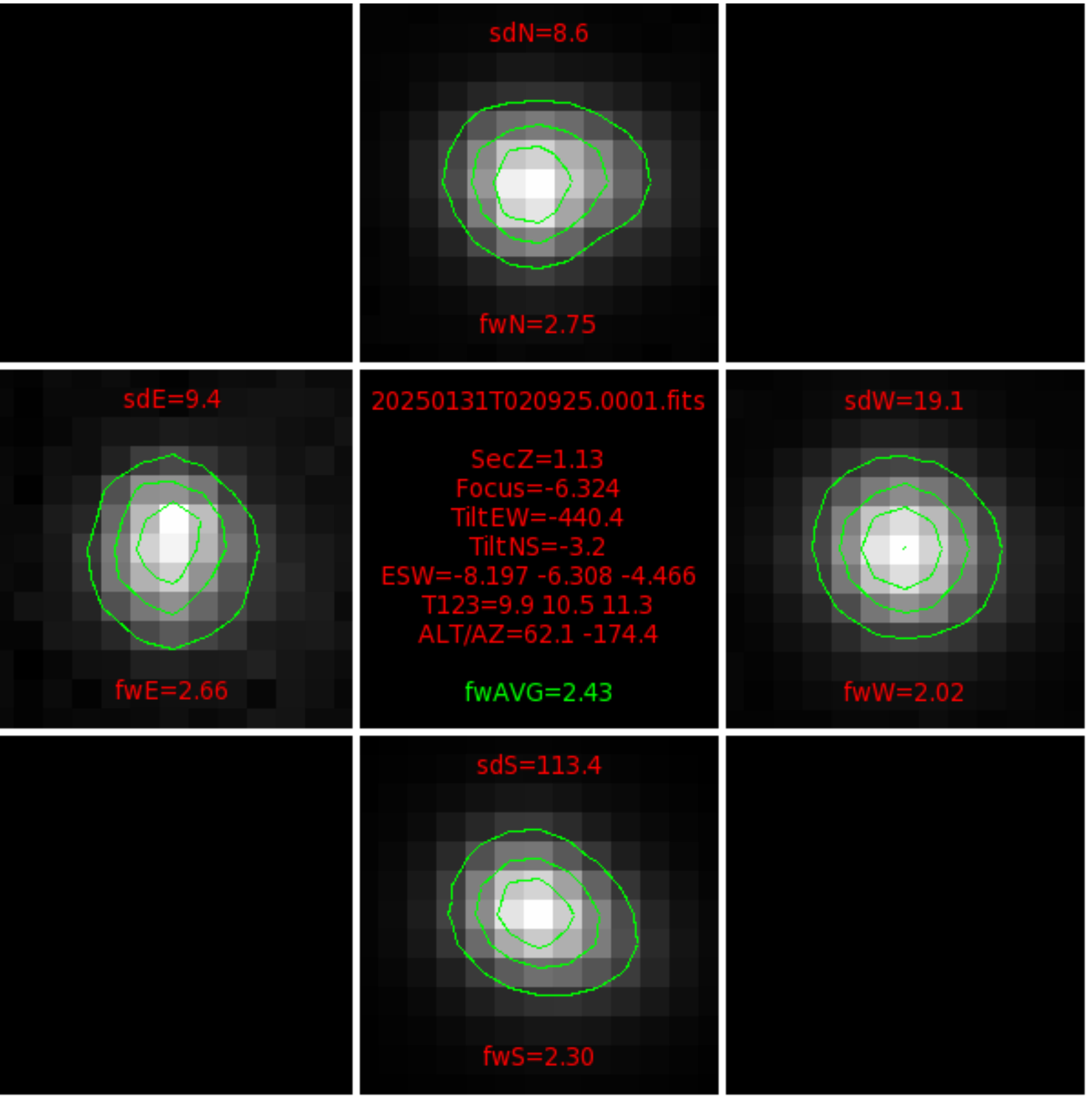

sdN=23.8
fwN=2.59
sdE=35.9
fwE=2.36
20250131T020059.0001.fits
SecZ=1.13
Focus=-6.324
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.197 -6.308 -4.466
T123=10.0 10.5 11.4
ALT/AZ=62.1 121.4
fwAVG=2.46
sdW=19.0
fwW=2.39
sdS=23.4
fwS=2.50
0 0 0 0 0 0 0 0 0

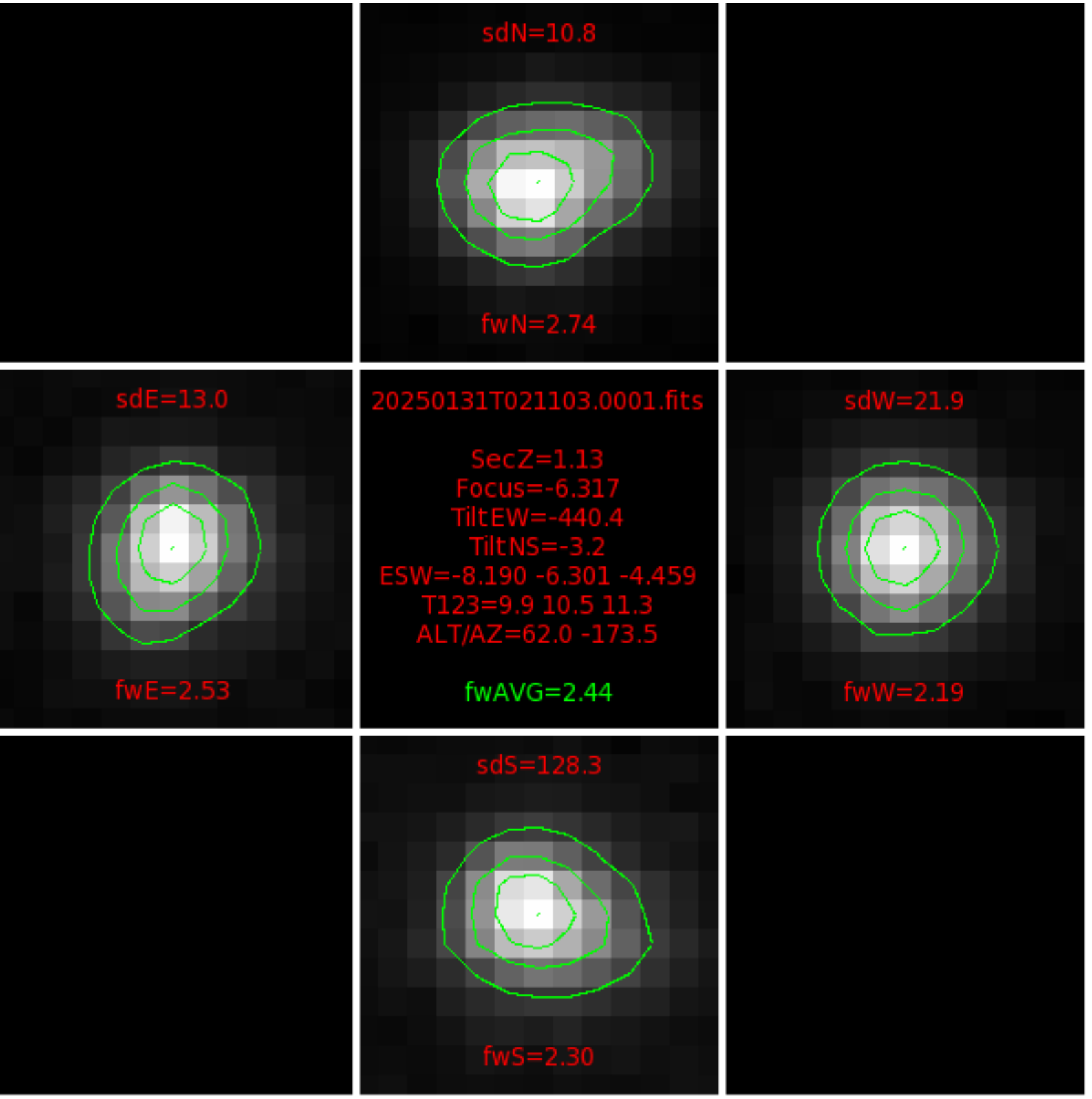

sdN=37.4
fwN=2.66
sdE=55.4
fwE=2.46
20250131T020130.0001.fits
SecZ=1.13
Focus=-6.324
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.197 -6.308 -4.466
T123=10.0 10.5 11.5
ALT/AZ=62.2 121.6
fwAVG=2.54
sdW=29.3
fwW=2.48
sdS=37.6
fwS=2.55
0 0 0 0 0 0 0 0 0

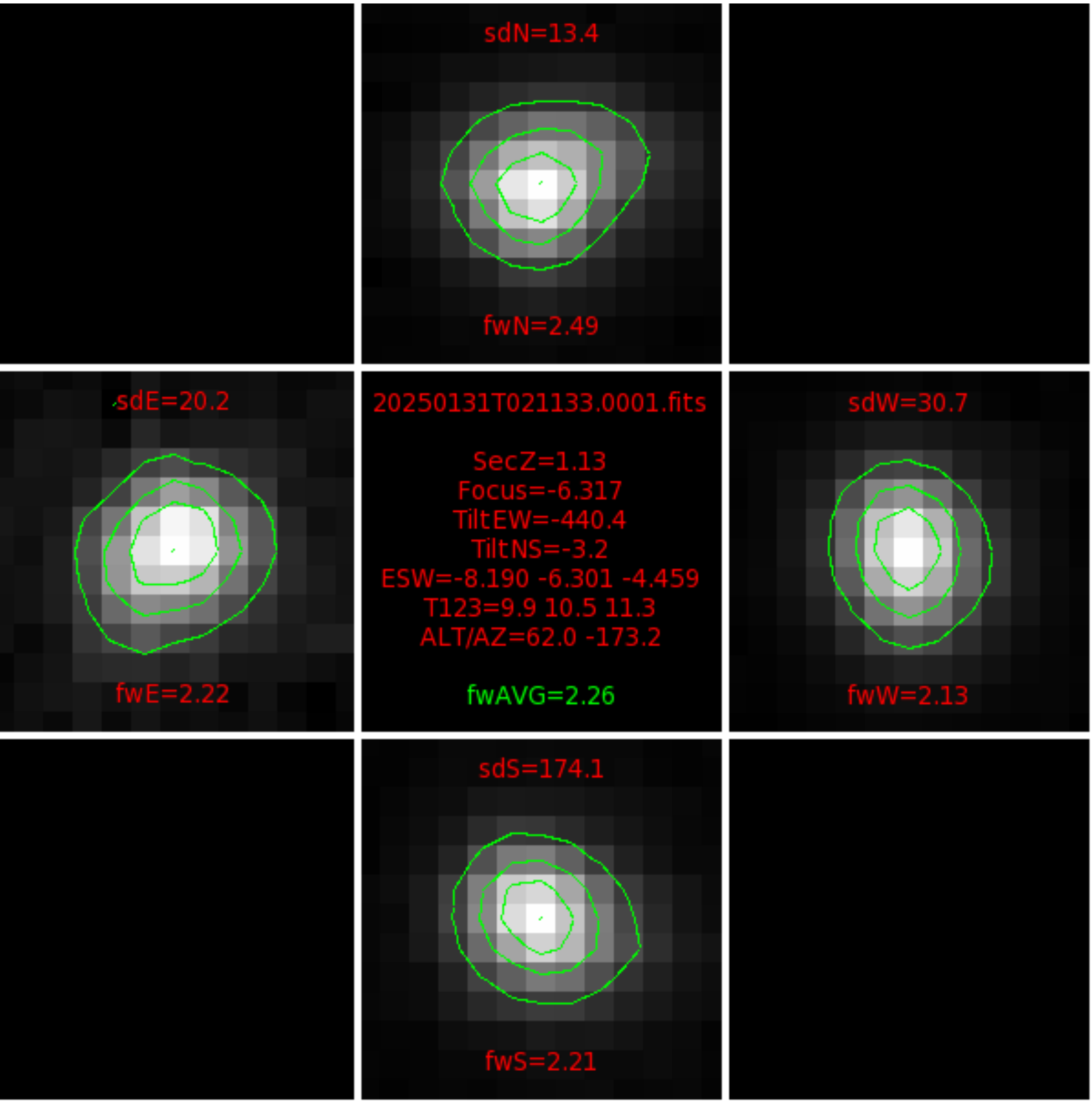

sdN=41.1
fwN=2.60
sdE=63.9
fwE=2.38
20250131T020310.0001.fits
SecZ=1.13
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.0 10.5 11.4
ALT/AZ=62.5 122.2
fwAVG=2.45
sdW=31.7
fwW=2.40
sdS=41.8
fwS=2.41
0 0 0 0 0 0 0 0 0

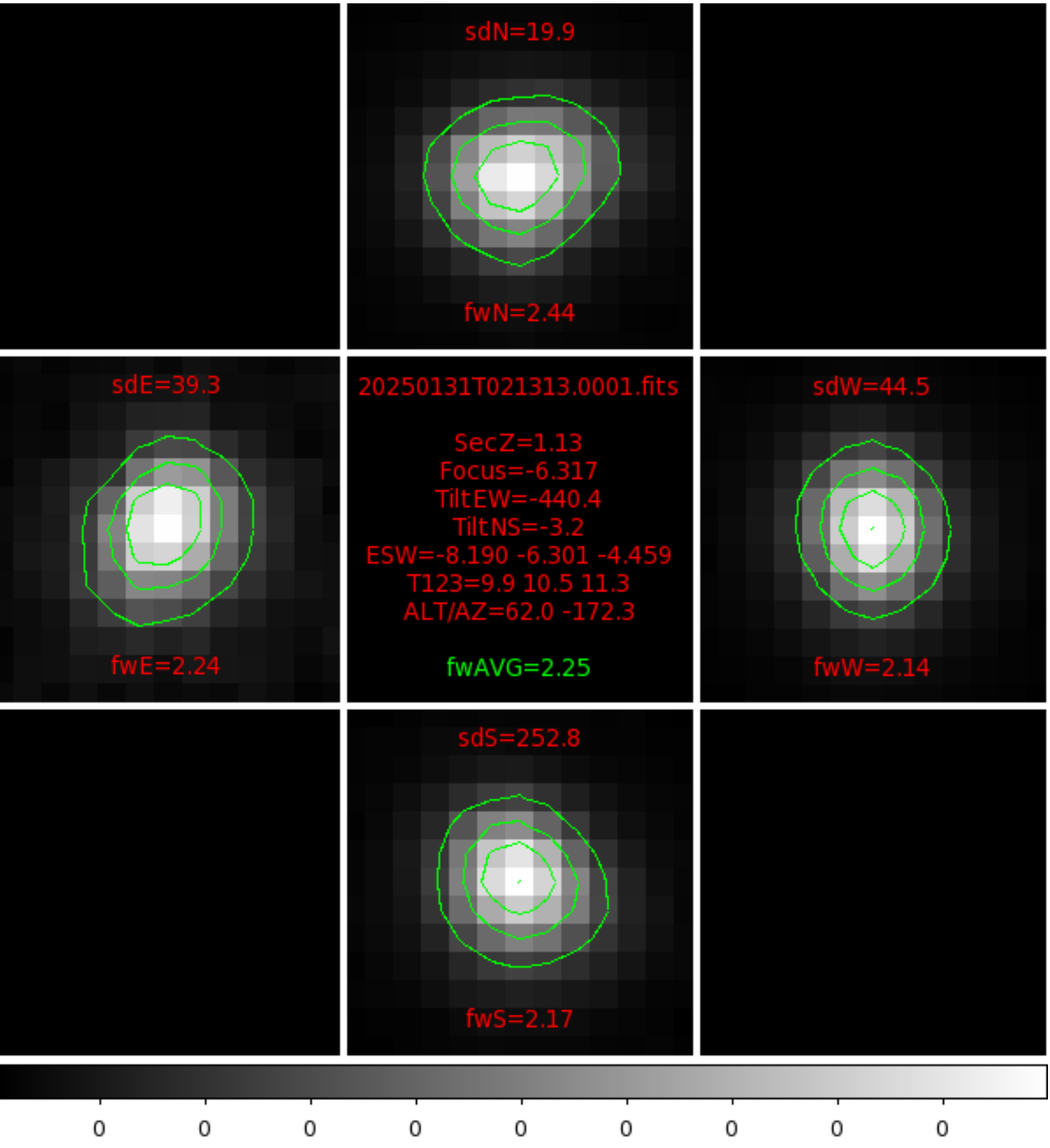

sdN=42.4
fwN=2.54
sdE=65.2
fwE=2.40
20250131T020340.0001.fits
SecZ=1.13
Focus=-6.330
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.203 -6.314 -4.472
T123=10.0 10.5 11.4
ALT/AZ=62.5 122.3
fwAVG=2.40
sdW=33.0
fwW=2.28
sdS=44.7
fwS=2.39
0 0 0 0 0 0 0 0 0

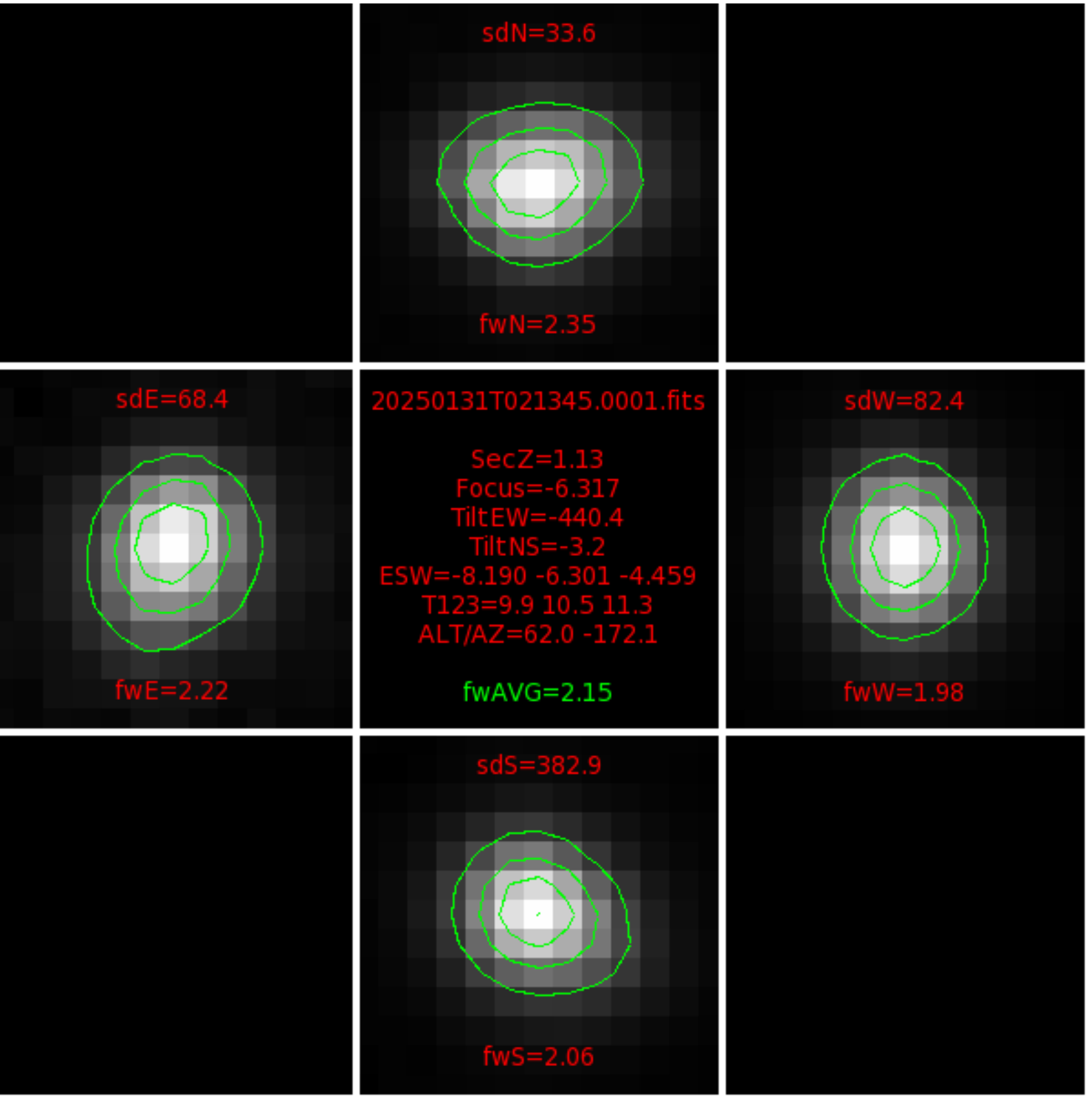

sdN=25.6
fwN=2.64
sdE=35.4
fwE=2.51
20250131T020855.0001.fits
SecZ=1.13
Focus=-6.324
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.197 -6.308 -4.466
T123=9.9 10.5 11.3
ALT/AZ=62.1 -174.6
fwAVG=2.51
sdW=23.4
fwW=2.45
sdS=53.9
fwS=2.45
0 0 0 0 0 0 0 0 0

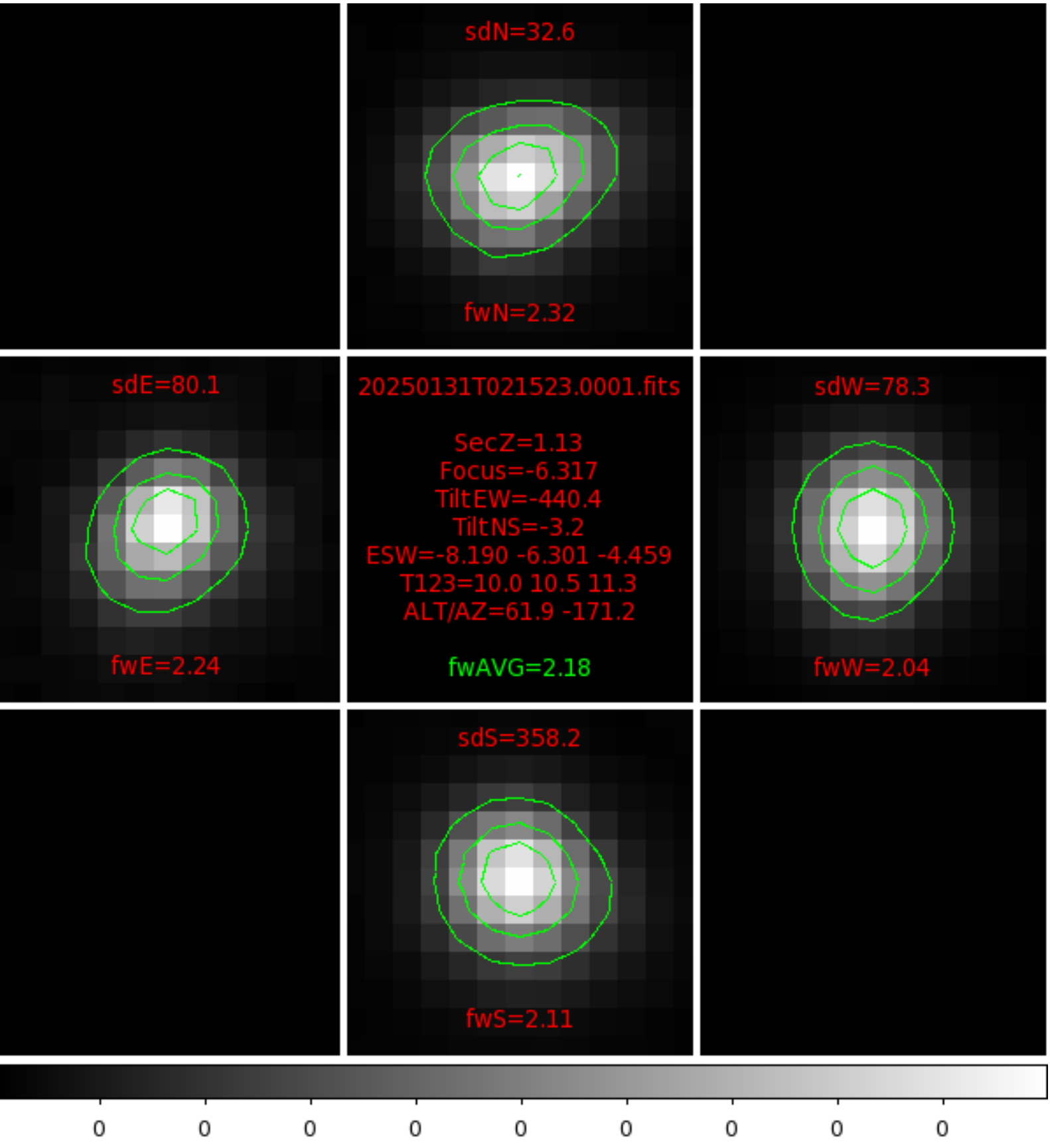

sdN=8.6
fwN=2.75
sdE=9.4
fwE=2.66
20250131T020925.0001.fits
SecZ=1.13
Focus=-6.324
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.197 -6.308 -4.466
T123=9.9 10.5 11.3
ALT/AZ=62.1 -174.4
fwAVG=2.43
sdW=19.1
fwW=2.02
sdS=113.4
fwS=2.30
0 0 0 0 0 0 0 0 0

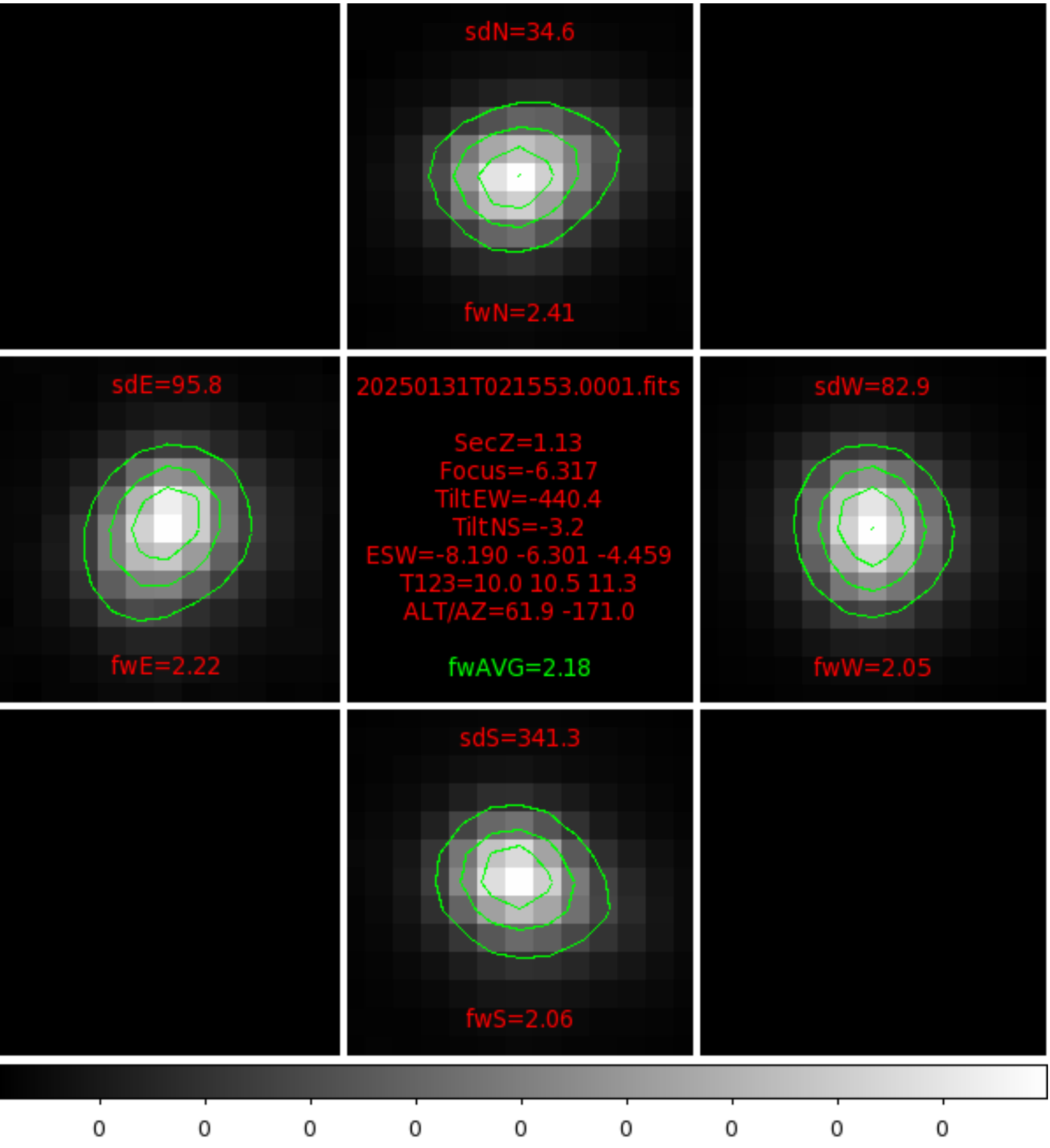

sdN=10.8
fwN=2.74
sdE=13.0
fwE=2.53
20250131T021103.0001.fits
SecZ=1.13
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.9 10.5 11.3
ALT/AZ=62.0 -173.5
fwAVG=2.44
sdW=21.9
fwW=2.19
sdS=128.3
fwS=2.30
0 0 0 0 0 0 0 0 0

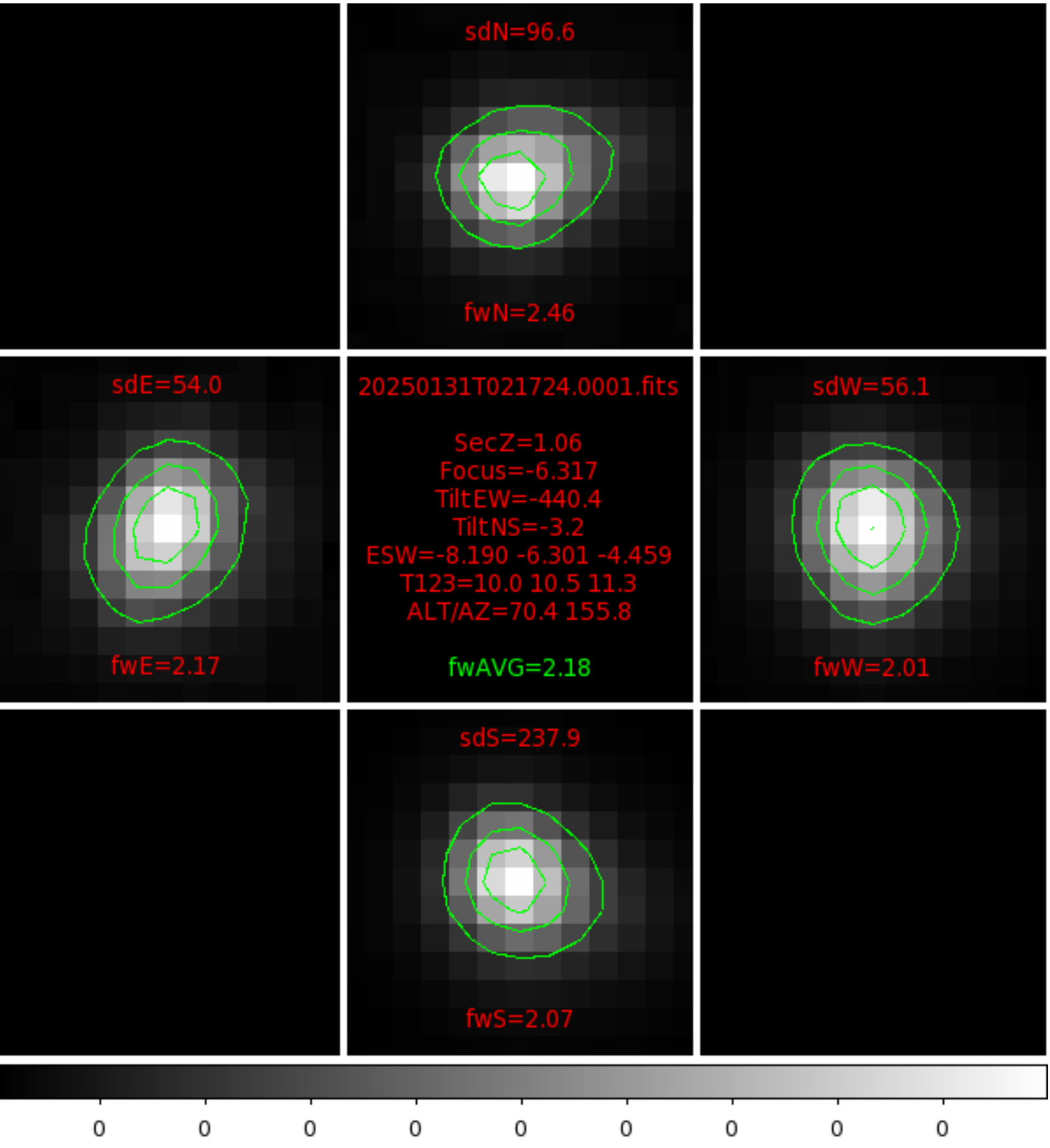

sdN=13.4
fwN=2.49
sdE=20.2
fwE=2.22
20250131T021133.0001.fits
SecZ=1.13
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.9 10.5 11.3
ALT/AZ=62.0 -173.2
fwAVG=2.26
sdW=30.7
fwW=2.13
sdS=174.1
fwS=2.21
0 0 0 0 0 0 0 0 0

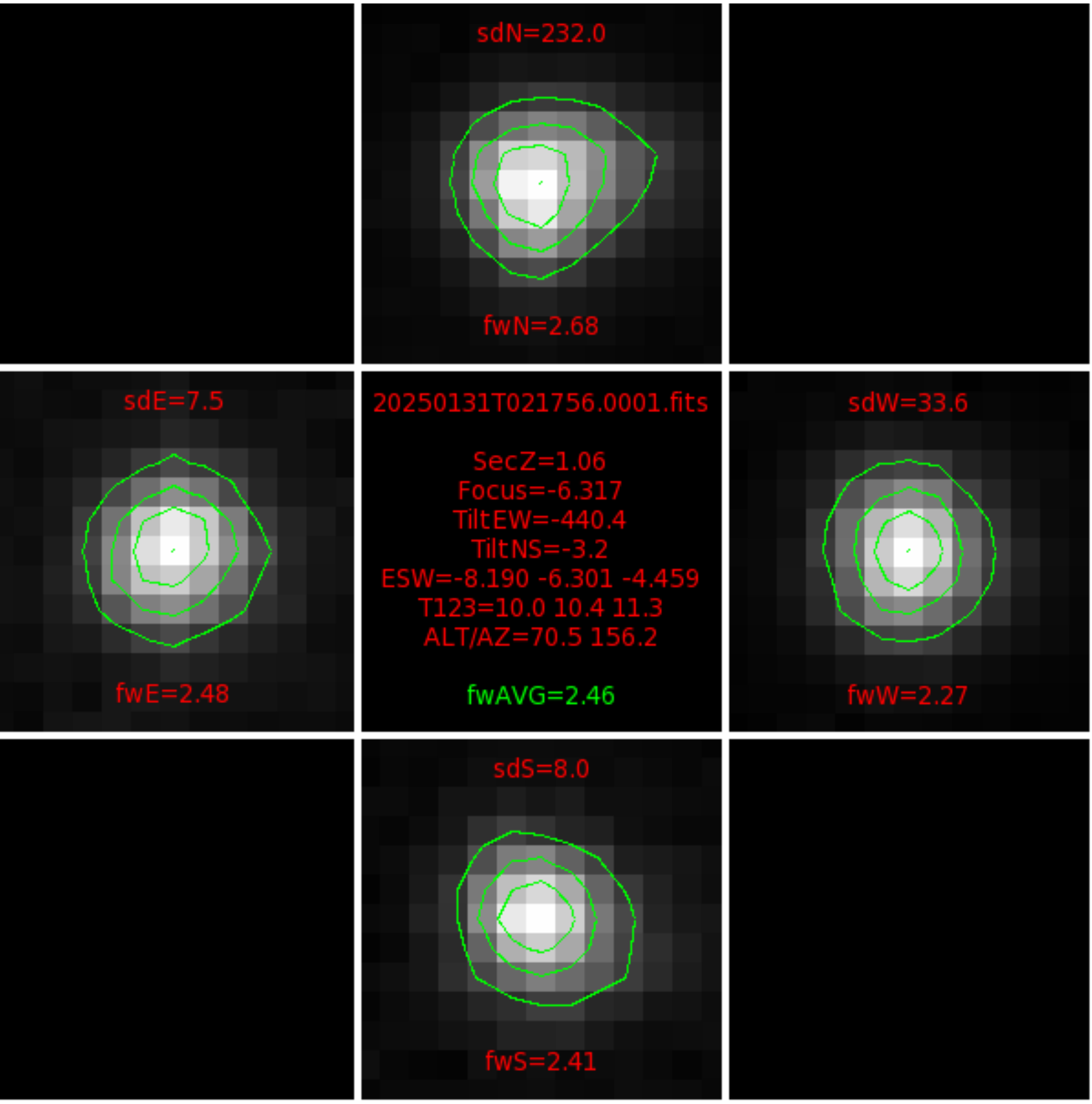

sdN=19.9
fwN=2.44
sdE=39.3
fwE=2.24
20250131T021313.0001.fits
SecZ=1.13
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.9 10.5 11.3
ALT/AZ=62.0 -172.3
fwAVG=2.25
sdW=44.5
fwW=2.14
sdS=252.8
fwS=2.17
0 0 0 0 0 0 0 0 0

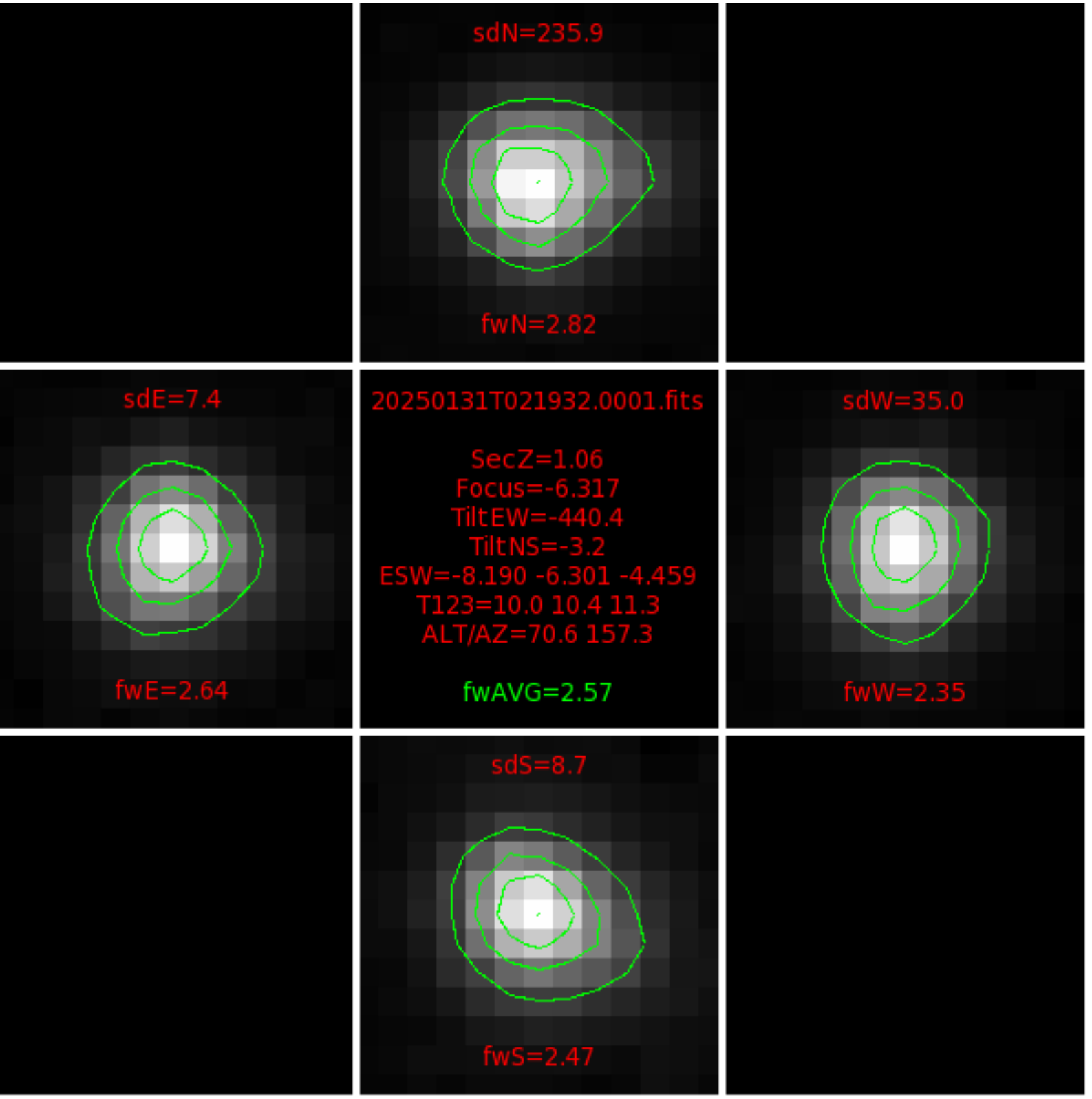

sdN=33.6
fwN=2.35
sdE=68.4
fwE=2.22
20250131T021345.0001.fits
SecZ=1.13
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.9 10.5 11.3
ALT/AZ=62.0 -172.1
fwAVG=2.15
sdW=82.4
fwW=1.98
sdS=382.9
fwS=2.06
0 0 0 0 0 0 0 0 0

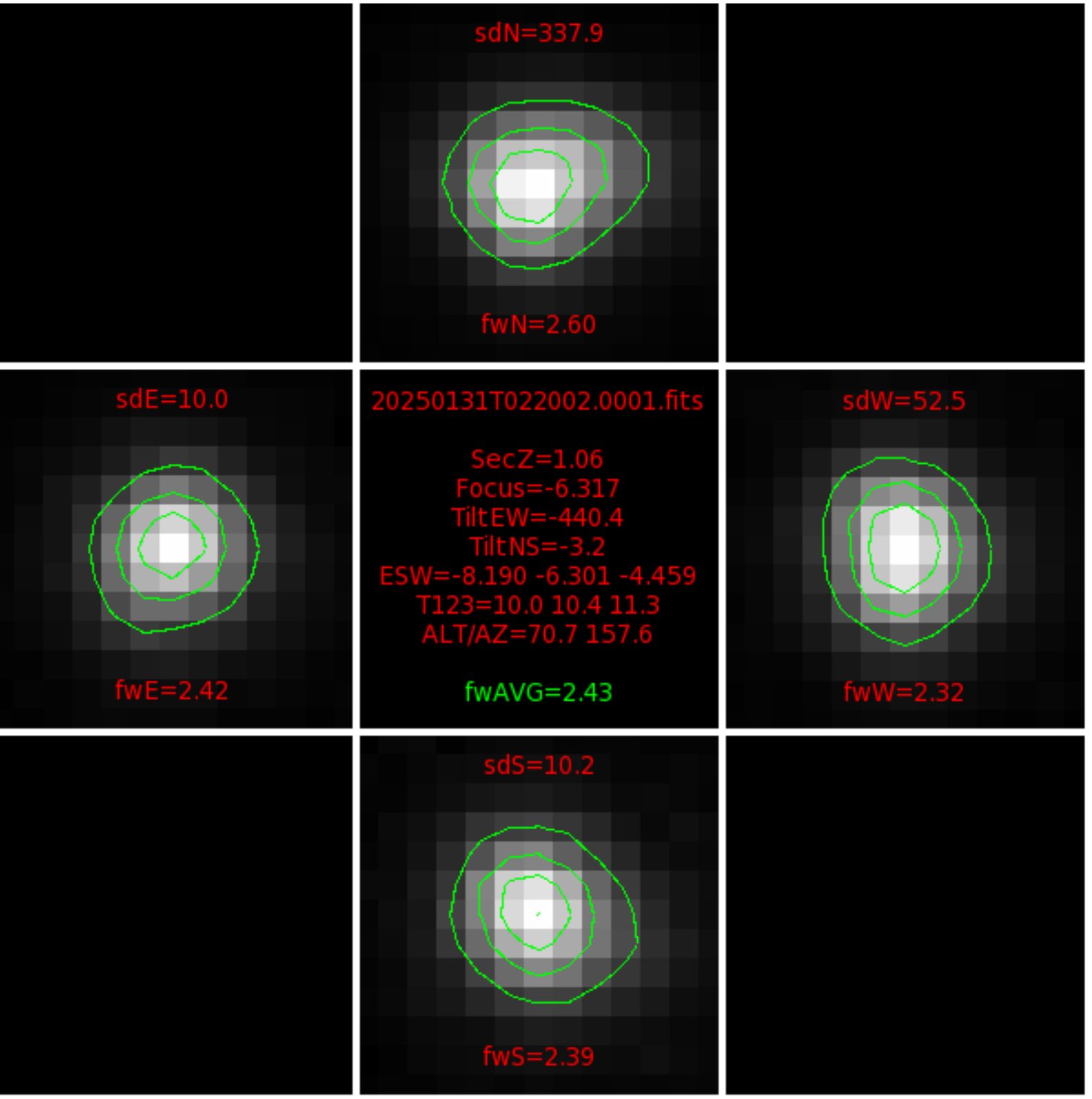

sdN=32.6
fwN=2.32
sdE=80.1
fwE=2.24
20250131T021523.0001.fits
SecZ=1.13
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=10.0 10.5 11.3
ALT/AZ=61.9 -171.2
fwAVG=2.18
sdW=78.3
fwW=2.04
sdS=358.2
fwS=2.11
0 0 0 0 0 0 0 0 0

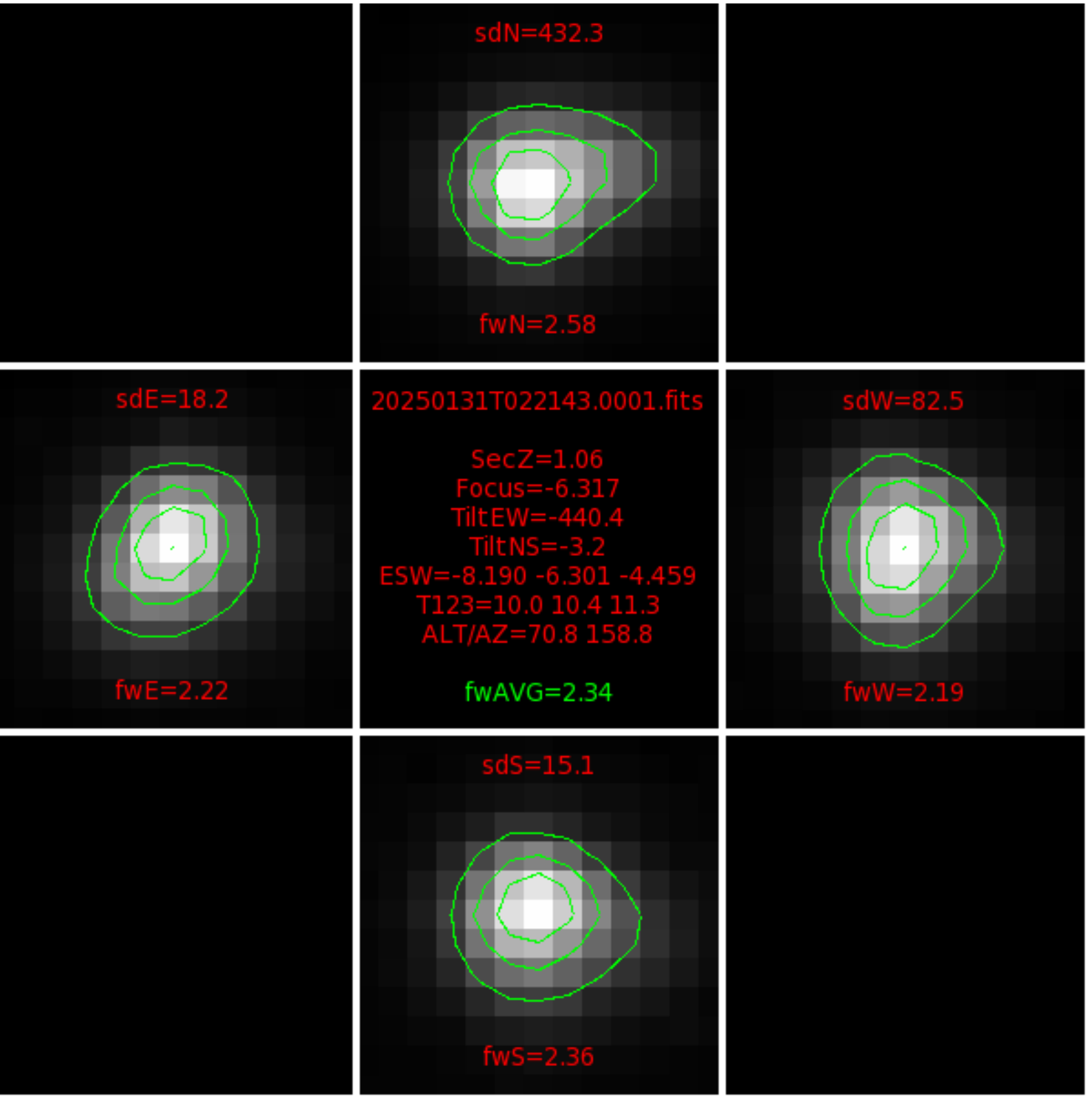

sdN=34.6
fwN=2.41
sdE=95.8
fwE=2.22
20250131T021553.0001.fits
SecZ=1.13
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=10.0 10.5 11.3
ALT/AZ=61.9 -171.0
fwAVG=2.18
sdW=82.9
fwW=2.05
sdS=341.3
fwS=2.06
0 0 0 0 0 0 0 0 0

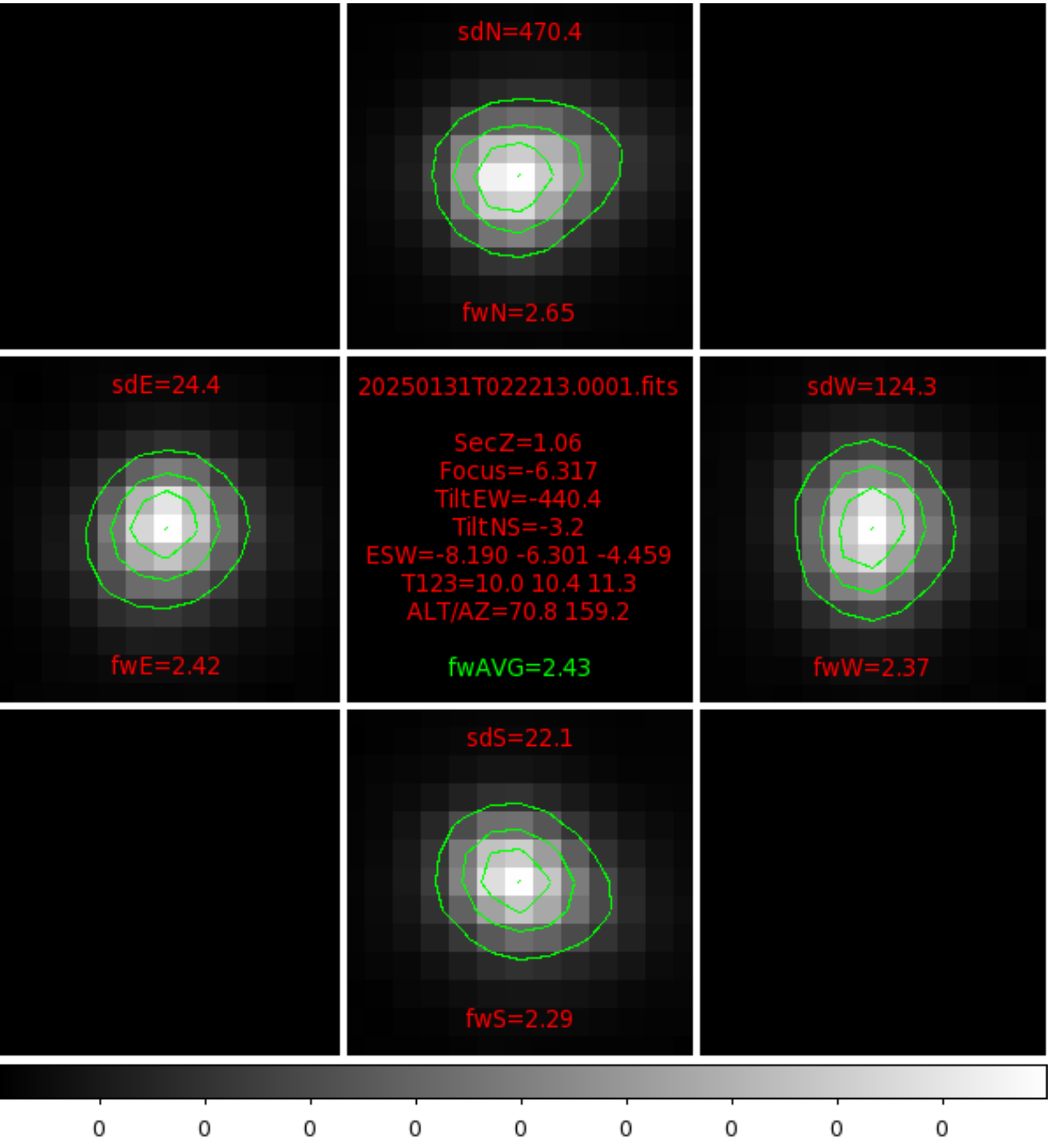

sdN=96.6
fwN=2.46
sdE=54.0
fwE=2.17
20250131T021724.0001.fits
SecZ=1.06
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=10.0 10.5 11.3
ALT/AZ=70.4 155.8
fwAVG=2.18
sdW=56.1
fwW=2.01
sdS=237.9
fwS=2.07
0 0 0 0 0 0 0 0 0

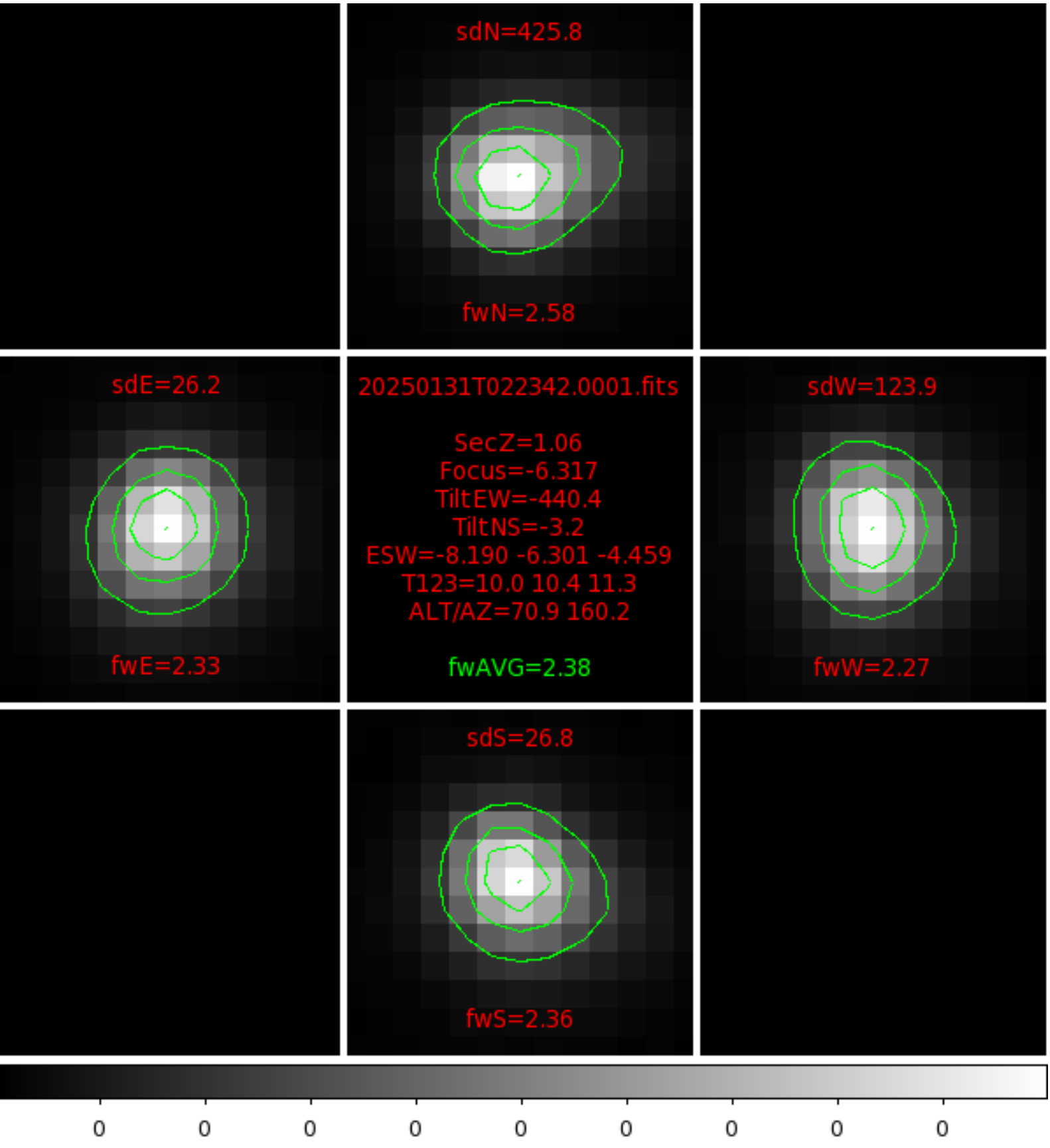

sdN=232.0
fwN=2.68
sdE=7.5
fwE=2.48
20250131T021756.0001.fits
SecZ=1.06
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=10.0 10.4 11.3
ALT/AZ=70.5 156.2
fwAVG=2.46
sdW=33.6
fwW=2.27
sdS=8.0
fwS=2.41
0 0 0 0 0 0 0 0 0

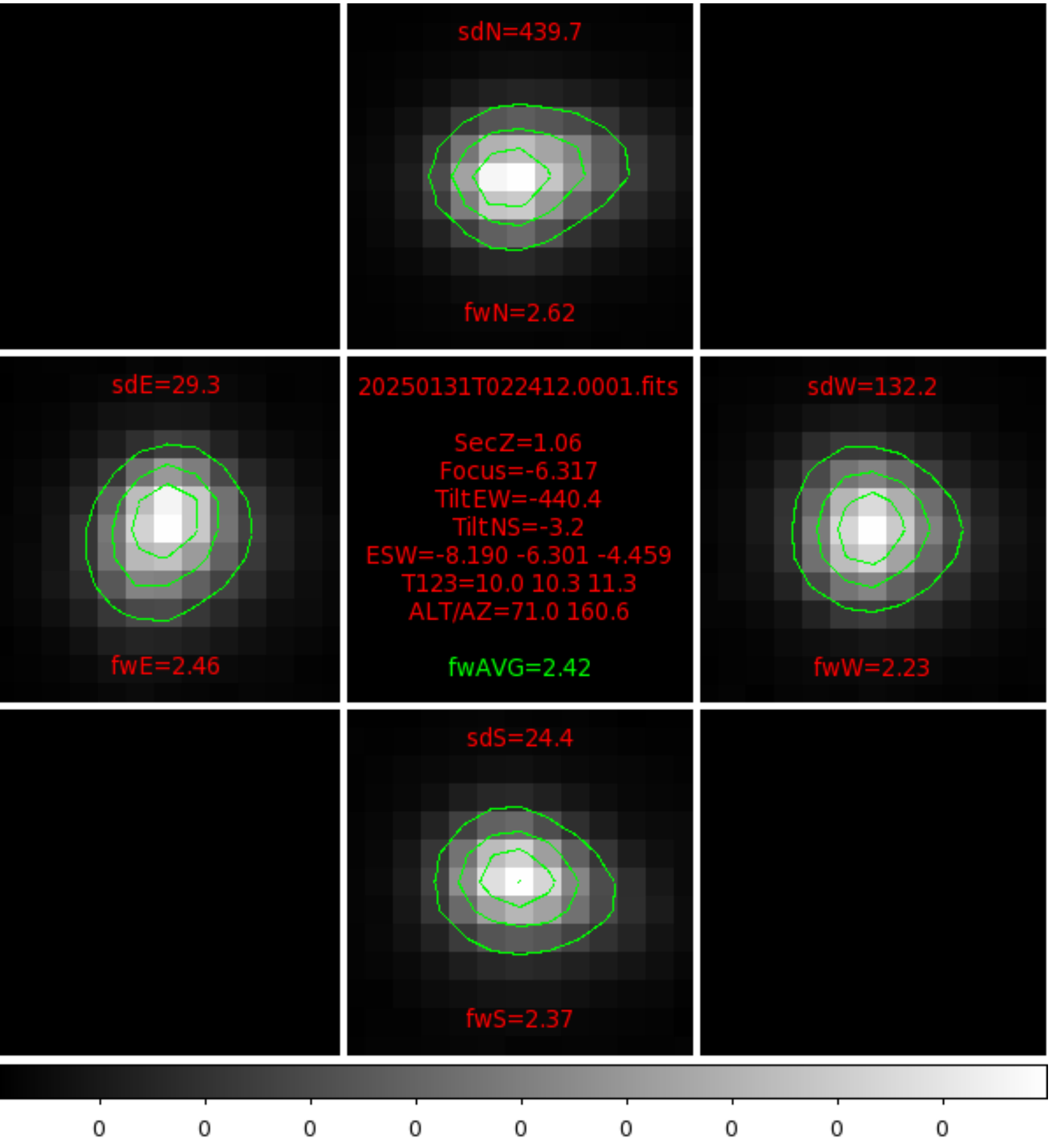

sdN=235.9
fwN=2.82
sdE=7.4
fwE=2.64
20250131T021932.0001.fits
SecZ=1.06
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=10.0 10.4 11.3
ALT/AZ=70.6 157.3
fwAVG=2.57
sdW=35.0
fwW=2.35
sdS=8.7
fwS=2.47
0 0 0 0 0 0 0 0 0

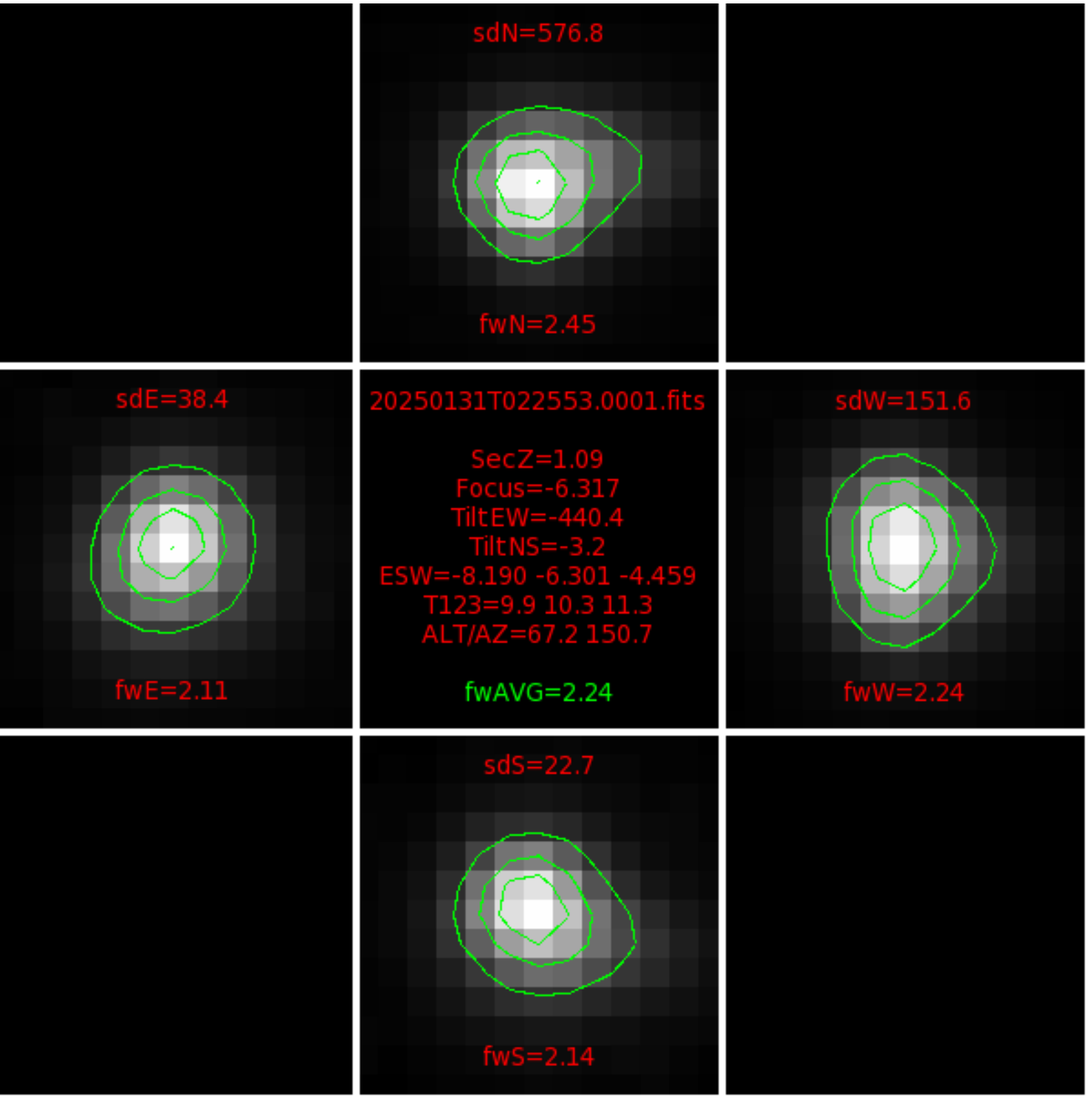

sdN=337.9
fwN=2.60
sdE=10.0
fwE=2.42
20250131T022002.0001.fits
SecZ=1.06
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=10.0 10.4 11.3
ALT/AZ=70.7 157.6
fwAVG=2.43
sdW=52.5
fwW=2.32
sdS=10.2
fwS=2.39
0 0 0 0 0 0 0 0 0

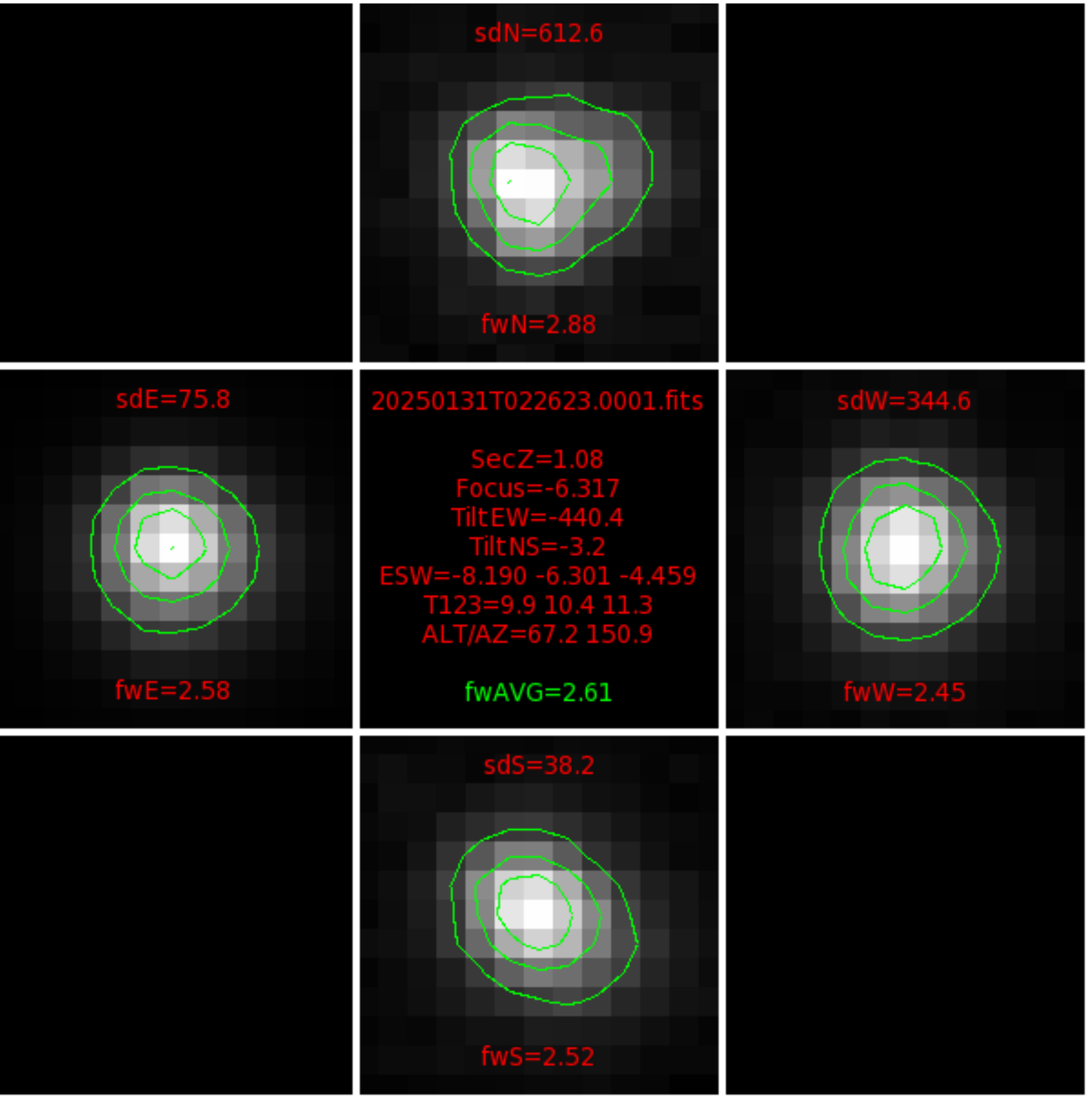

sdN=432.3
fwN=2.58
sdE=18.2
fwE=2.22
20250131T022143.0001.fits
SecZ=1.06
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=10.0 10.4 11.3
ALT/AZ=70.8 158.8
fwAVG=2.34
sdW=82.5
fwW=2.19
sdS=15.1
fwS=2.36
0 0 0 0 0 0 0 0 0


sdN=470.4
fwN=2.65
sdE=24.4
fwE=2.42
20250131T022213.0001.fits
SecZ=1.06
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=10.0 10.4 11.3
ALT/AZ=70.8 159.2
fwAVG=2.43
sdW=124.3
fwW=2.37
sdS=22.1
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=425.8
fwN=2.58
sdE=26.2
fwE=2.33
20250131T022342.0001.fits
SecZ=1.06
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=10.0 10.4 11.3
ALT/AZ=70.9 160.2
fwAVG=2.38
sdW=123.9
fwW=2.27
sdS=26.8
fwS=2.36
0 0 0 0 0 0 0 0 0


sdN=439.7
fwN=2.62
sdE=29.3
fwE=2.46
20250131T022412.0001.fits
SecZ=1.06
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=10.0 10.3 11.3
ALT/AZ=71.0 160.6
fwAVG=2.42
sdW=132.2
fwW=2.23
sdS=24.4
fwS=2.37
0 0 0 0 0 0 0 0 0


sdN=576.8
fwN=2.45
sdE=38.4
fwE=2.11
20250131T022553.0001.fits
SecZ=1.09
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.9 10.3 11.3
ALT/AZ=67.2 150.7
fwAVG=2.24
sdW=151.6
fwW=2.24
sdS=22.7
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=612.6
fwN=2.88
sdE=75.8
fwE=2.58
20250131T022623.0001.fits
SecZ=1.08
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.9 10.4 11.3
ALT/AZ=67.2 150.9
fwAVG=2.61
sdW=344.6
fwW=2.45
sdS=38.2
fwS=2.52
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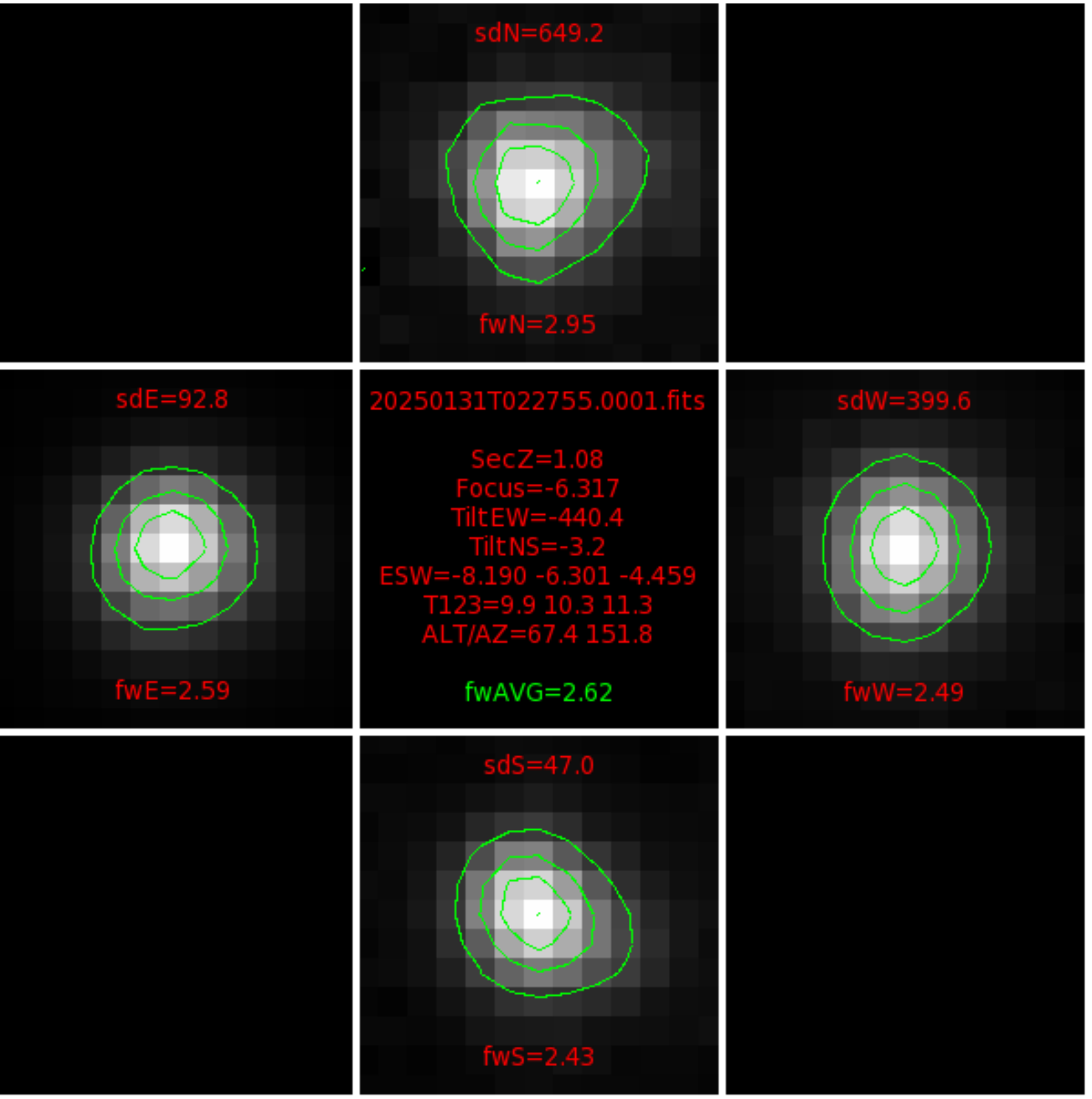
sdN=649.2
fwN=2.95
sdE=92.8
fwE=2.59
20250131T022755.0001.fits
SecZ=1.08
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.9 10.3 11.3
ALT/AZ=67.4 151.8
fwAVG=2.62
sdW=399.6
fwW=2.49
sdS=47.0
fwS=2.43
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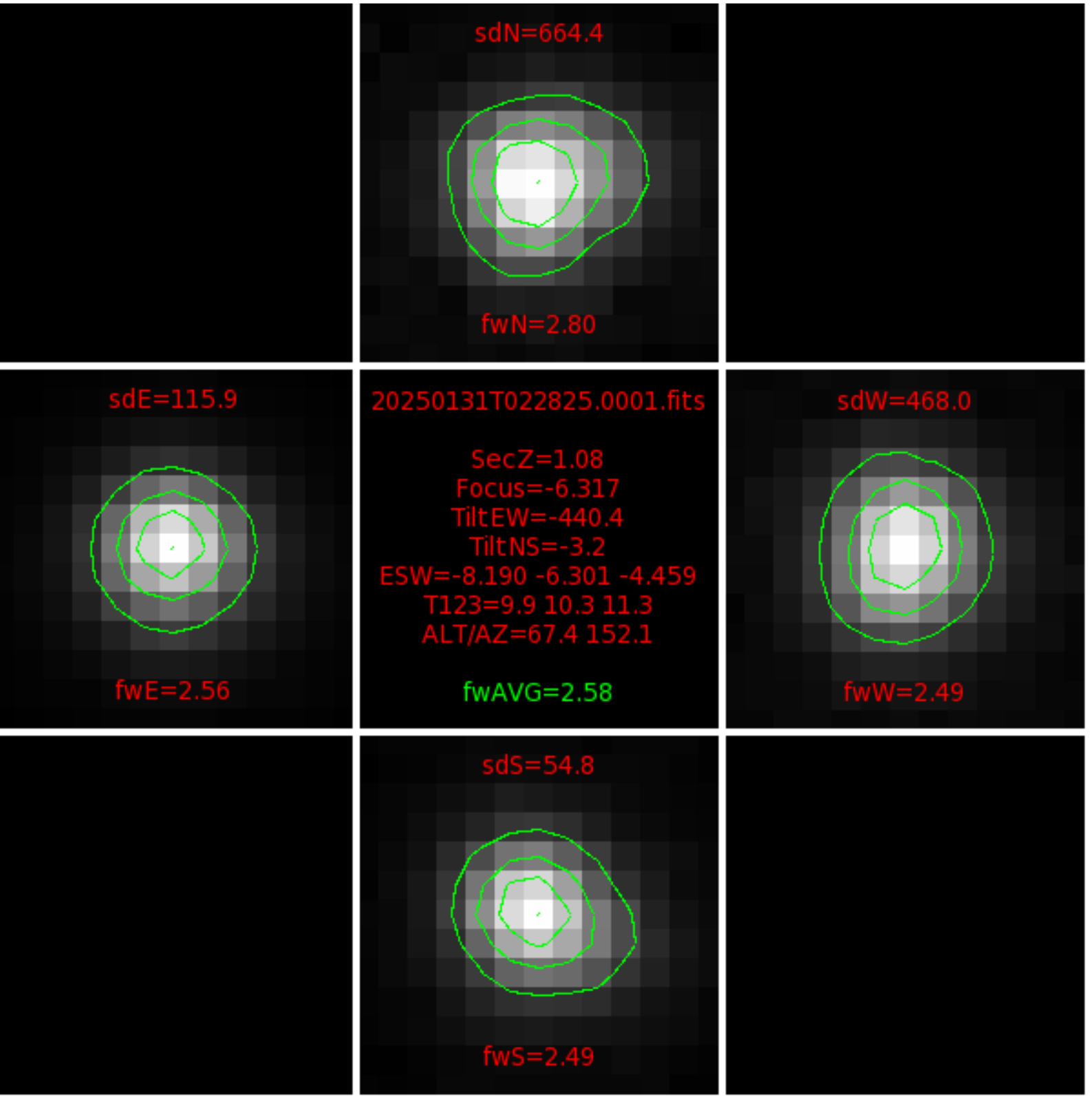
sdN=664.4
fwN=2.80
sdE=115.9
fwE=2.56
20250131T022825.0001.fits
SecZ=1.08
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.9 10.3 11.3
ALT/AZ=67.4 152.1
fwAVG=2.58
sdW=468.0
fwW=2.49
sdS=54.8
fwS=2.49
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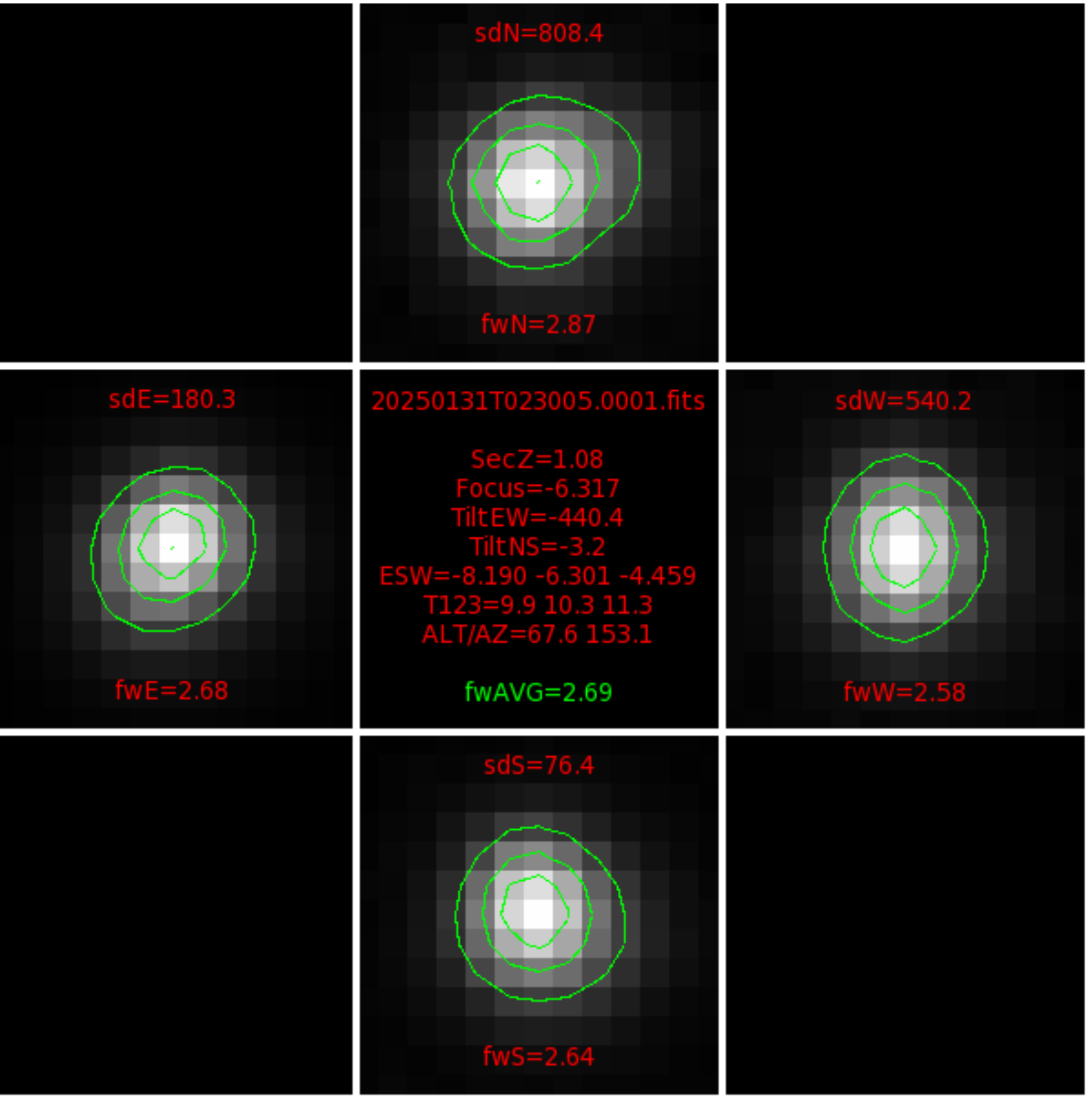
sdN=808.4
fwN=2.87
sdE=180.3
fwE=2.68
20250131T023005.0001.fits
SecZ=1.08
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.9 10.3 11.3
ALT/AZ=67.6 153.1
fwAVG=2.69
sdW=540.2
fwW=2.58
sdS=76.4
fwS=2.64
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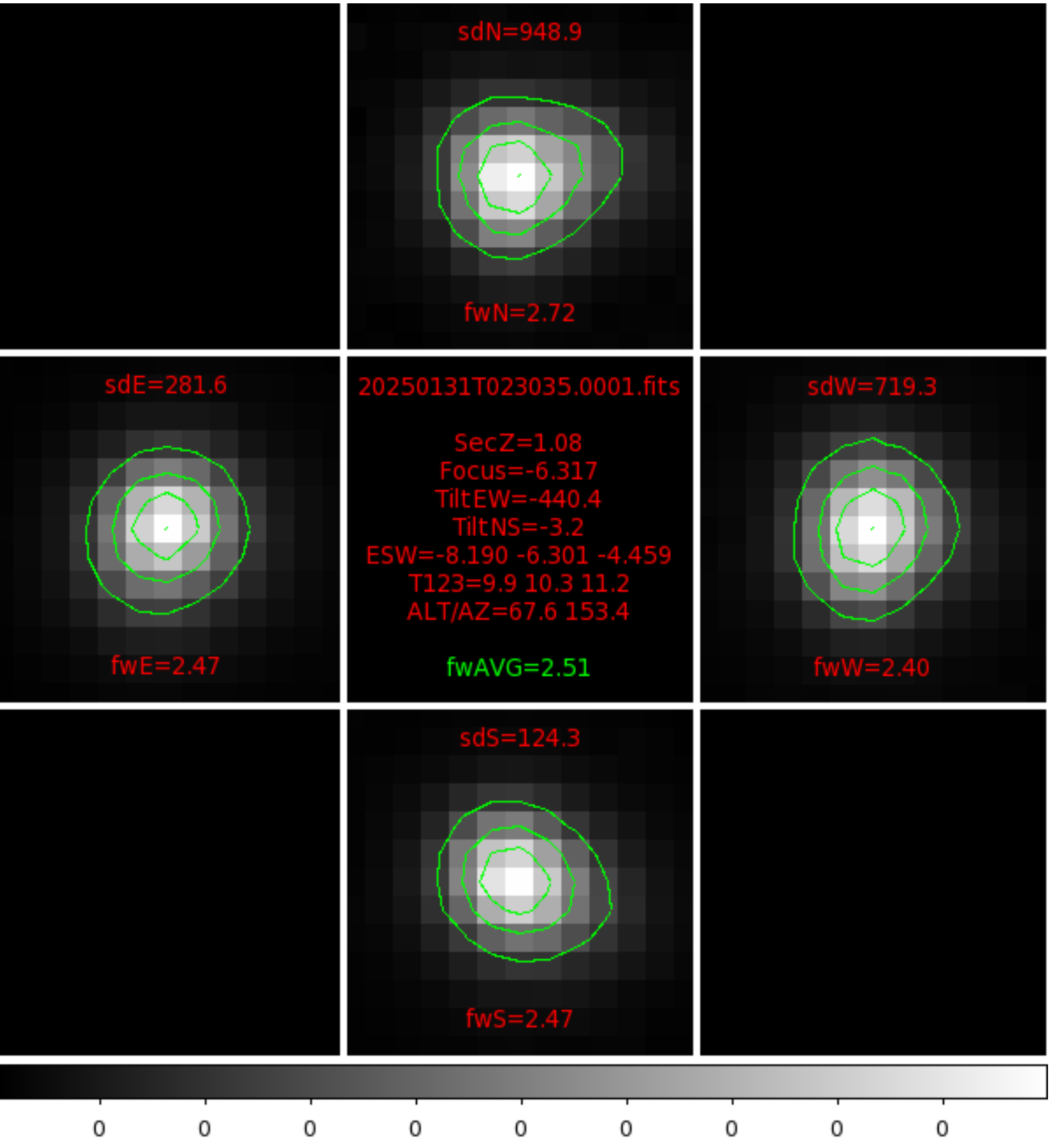
sdN=948.9
fwN=2.72
sdE=281.6
fwE=2.47
20250131T023035.0001.fits
SecZ=1.08
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.9 10.3 11.2
ALT/AZ=67.6 153.4
fwAVG=2.51
sdW=719.3
fwW=2.40
sdS=124.3
fwS=2.47
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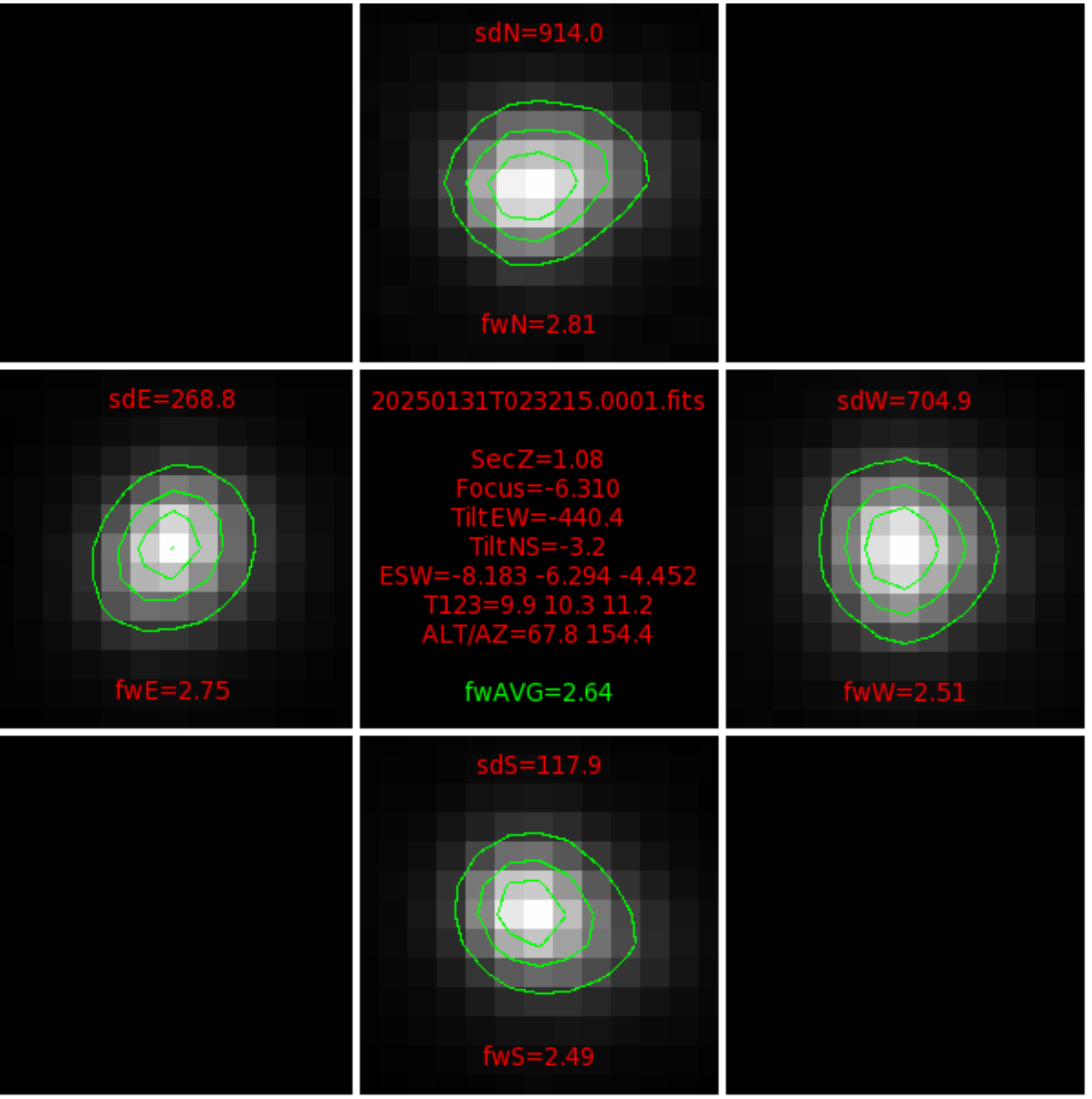
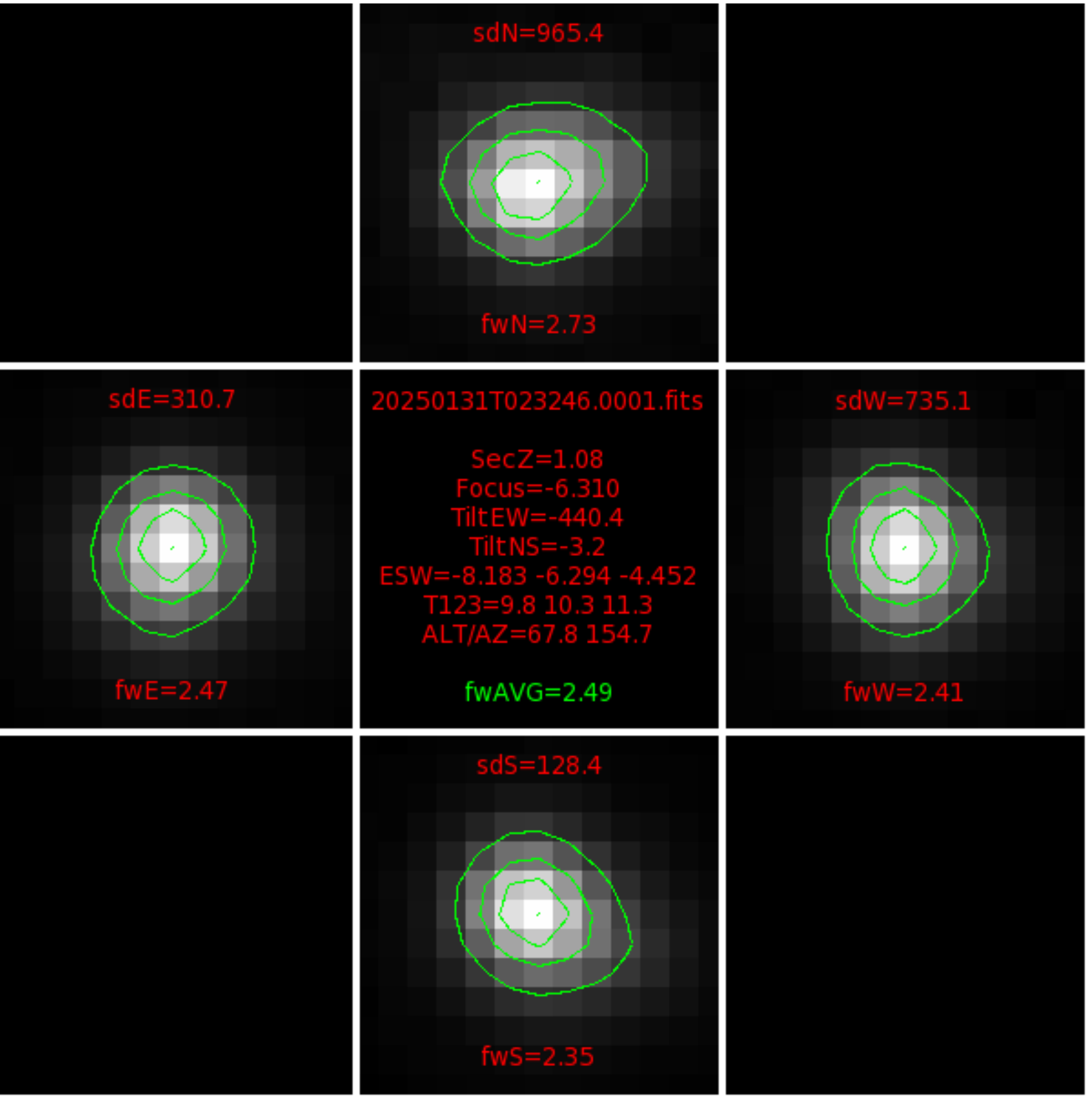
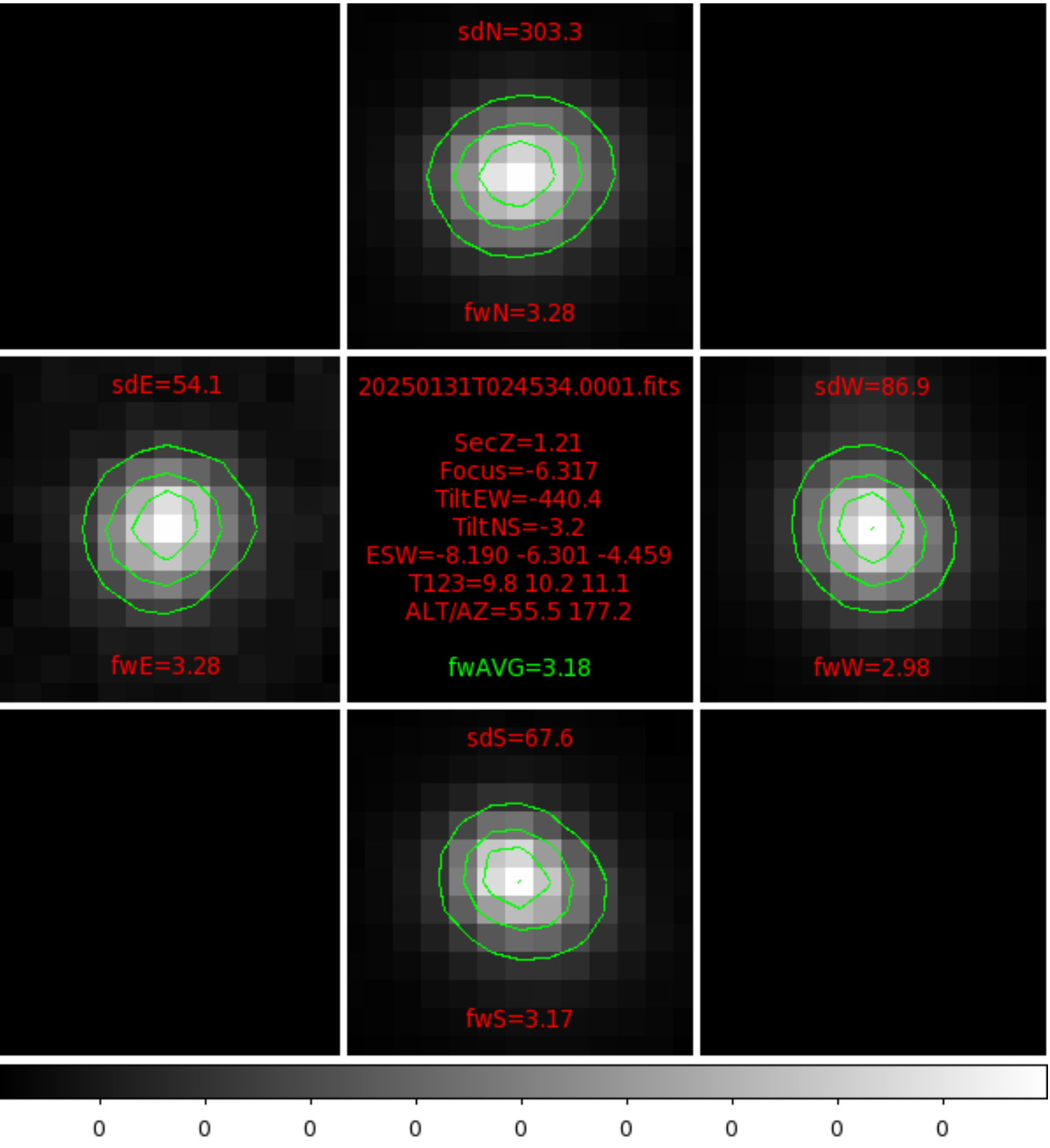

sdN=914.0
fwN=2.81
sdE=268.8
fwE=2.75
20250131T023215.0001.fits
SecZ=1.08
Focus=-6.310
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.183 -6.294 -4.452
T123=9.9 10.3 11.2
ALT/AZ=67.8 154.4
fwAVG=2.64
sdW=704.9
fwW=2.51
sdS=117.9
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=965.4
fwN=2.73
sdE=310.7
fwE=2.47
20250131T023246.0001.fits
SecZ=1.08
Focus=-6.310
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.183 -6.294 -4.452
T123=9.8 10.3 11.3
ALT/AZ=67.8 154.7
fwAVG=2.49
sdW=735.1
fwW=2.41
sdS=128.4
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=303.3
fwN=3.28
sdE=54.1
fwE=3.28
20250131T024534.0001.fits
SecZ=1.21
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.8 10.2 11.1
ALT/AZ=55.5 177.2
fwAVG=3.18
sdW=86.9
fwW=2.98
sdS=67.6
fwS=3.17
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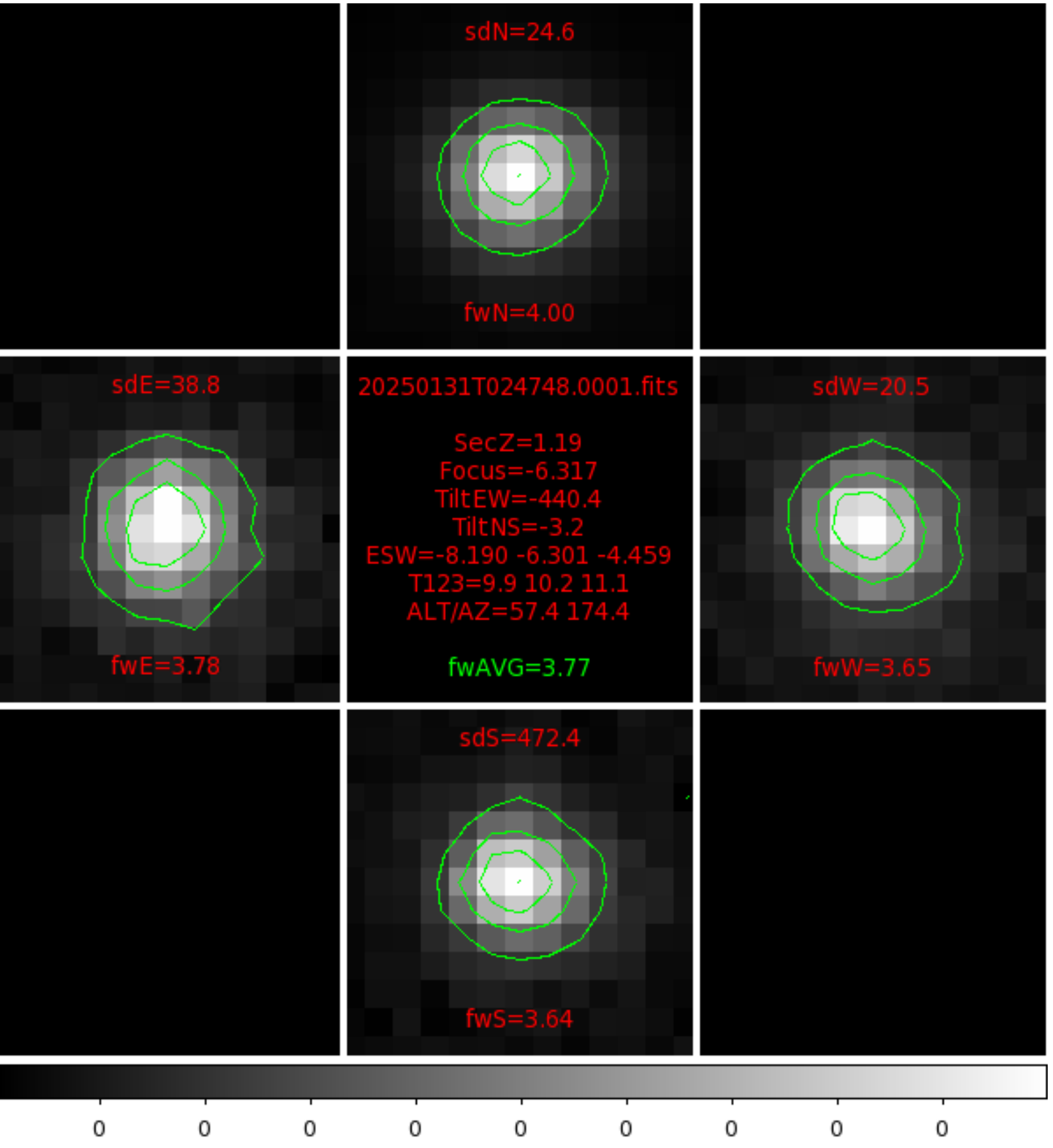
sdN=24.6
fwN=4.00
sdE=38.8
fwE=3.78
20250131T024748.0001.fits
SecZ=1.19
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.9 10.2 11.1
ALT/AZ=57.4 174.4
fwAVG=3.77
sdW=20.5
fwW=3.65
sdS=472.4
fwS=3.64
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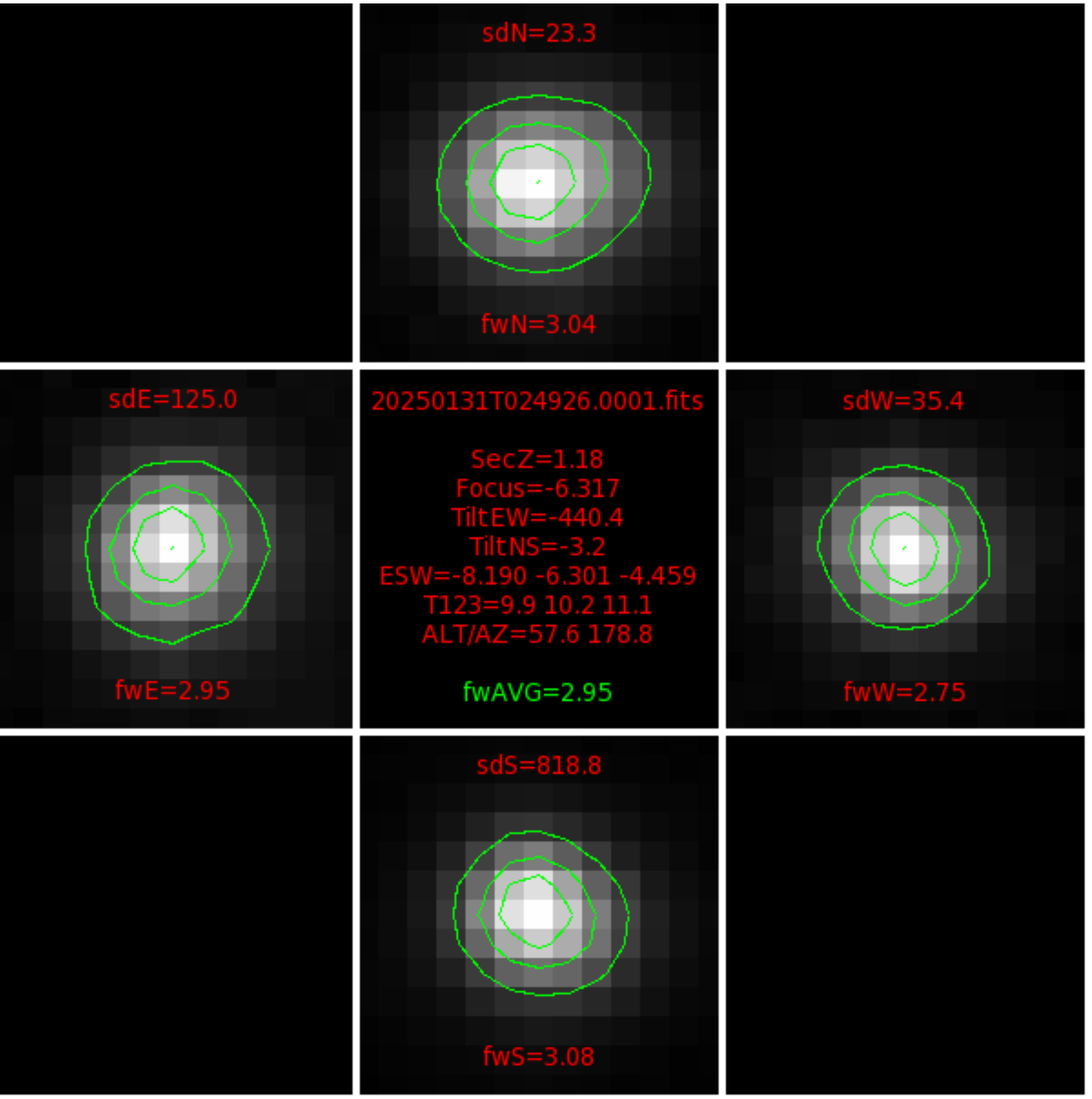
sdN=23.3
fwN=3.04
sdE=125.0
fwE=2.95
20250131T024926.0001.fits
SecZ=1.18
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.9 10.2 11.1
ALT/AZ=57.6 178.8
fwAVG=2.95
sdW=35.4
fwW=2.75
sdS=818.8
fwS=3.08
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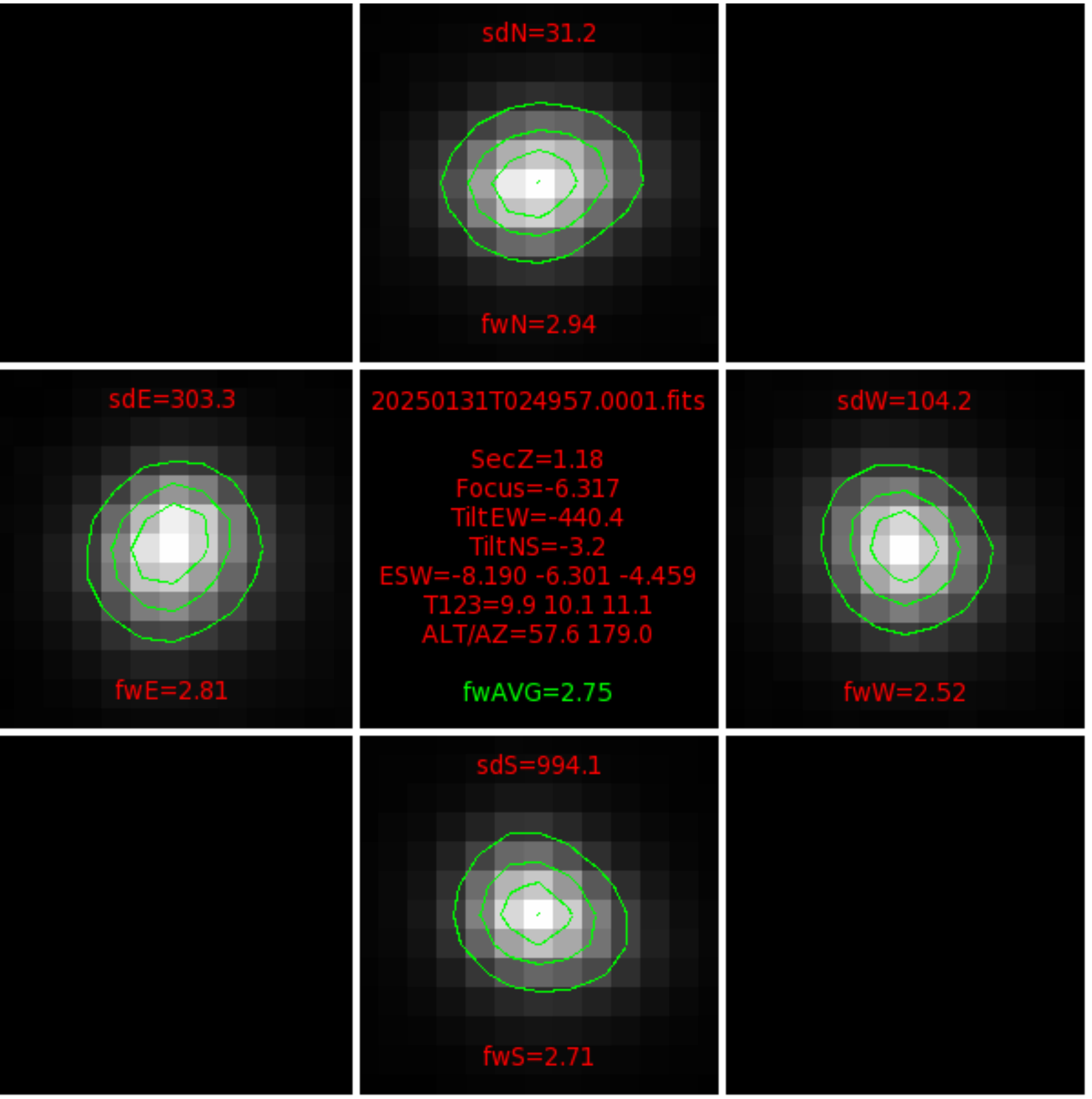
sdN=31.2
fwN=2.94
sdE=303.3
fwE=2.81
20250131T024957.0001.fits
SecZ=1.18
Focus=-6.317
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.190 -6.301 -4.459
T123=9.9 10.1 11.1
ALT/AZ=57.6 179.0
fwAVG=2.75
sdW=104.2
fwW=2.52
sdS=994.1
fwS=2.71
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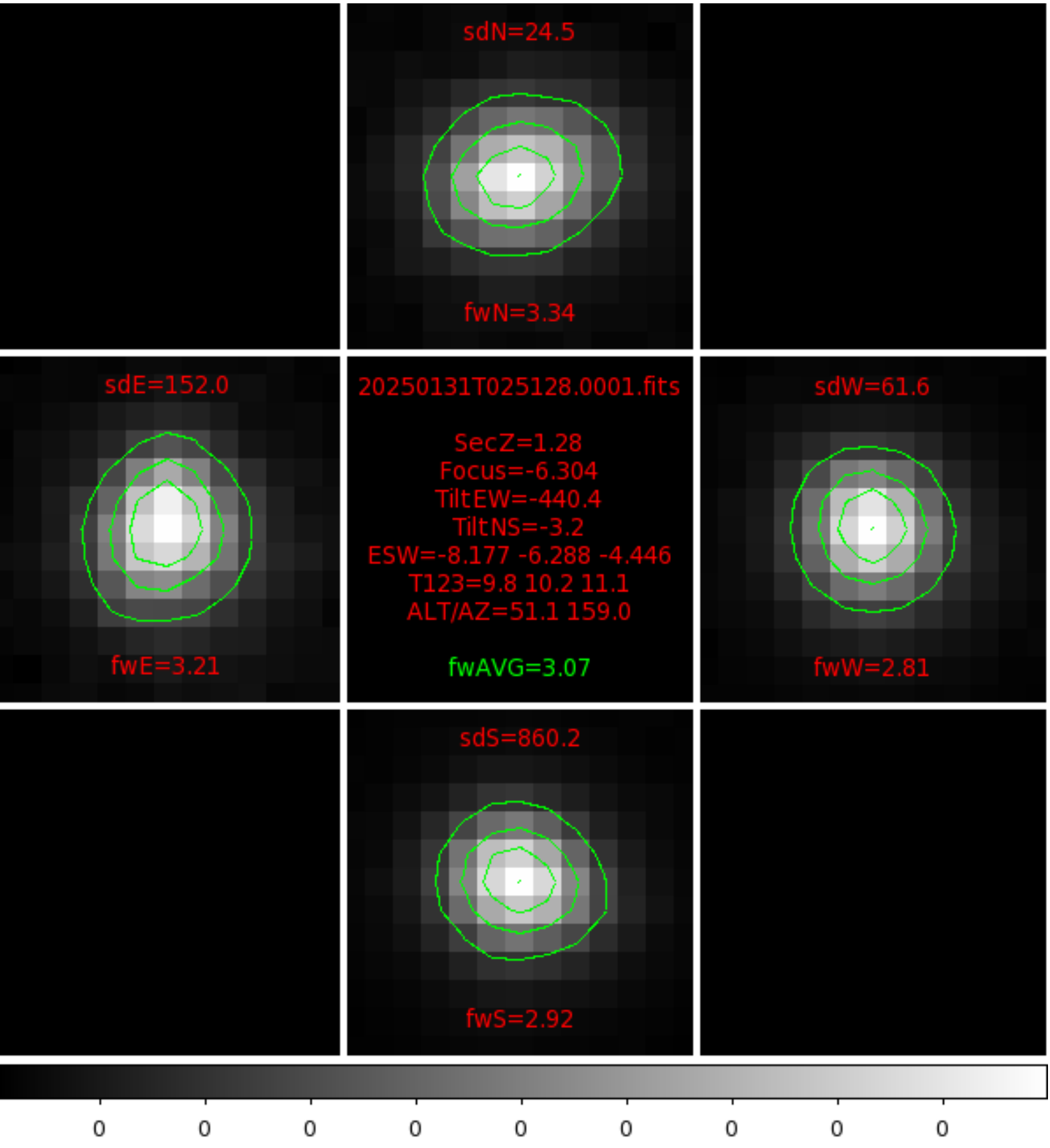
sdN=24.5
fwN=3.34
sdE=152.0
fwE=3.21
20250131T025128.0001.fits
SecZ=1.28
Focus=-6.304
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.177 -6.288 -4.446
T123=9.8 10.2 11.1
ALT/AZ=51.1 159.0
fwAVG=3.07
sdW=61.6
fwW=2.81
sdS=860.2
fwS=2.92
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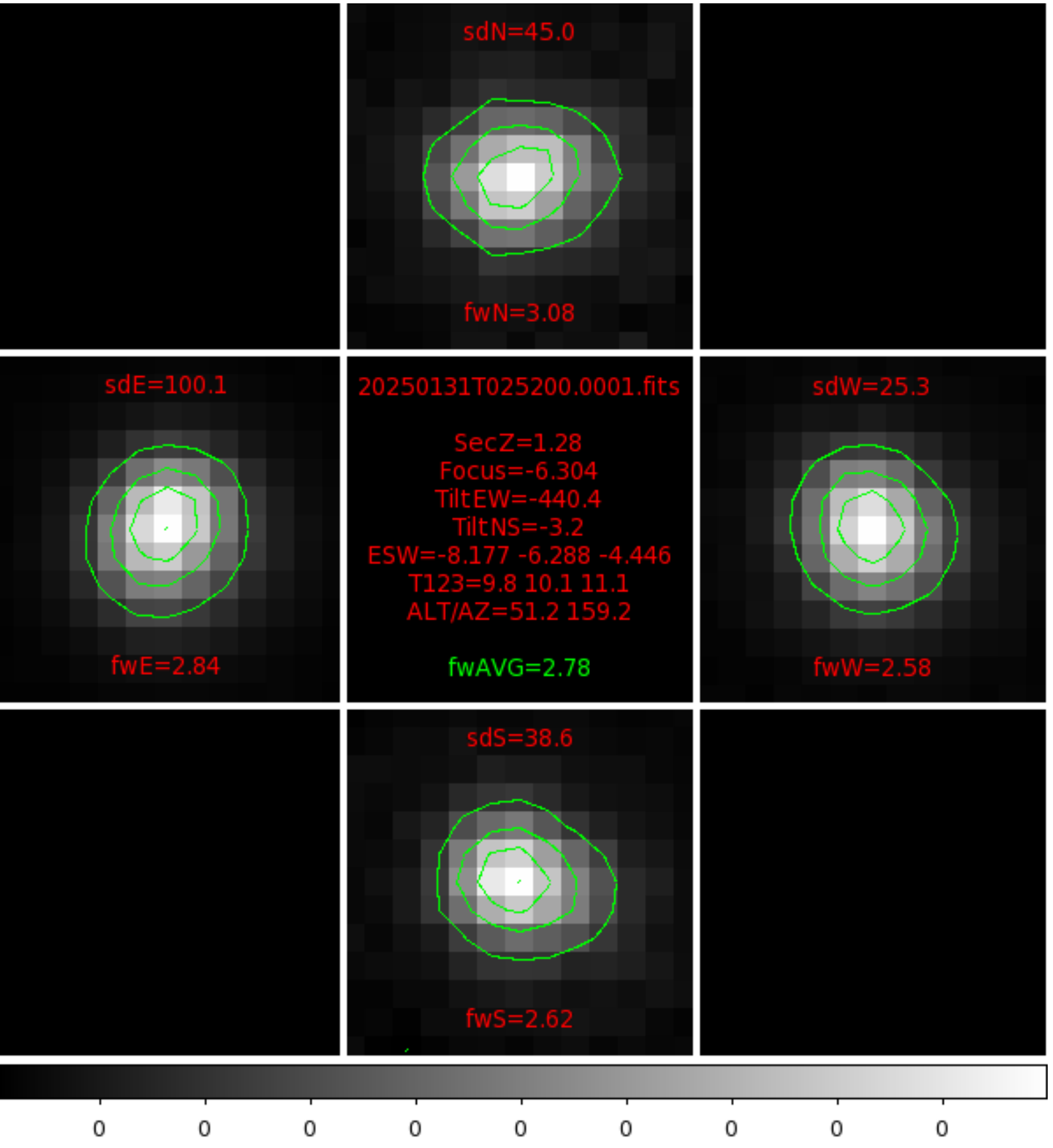
sdN=45.0
fwN=3.08
sdE=100.1
fwE=2.84
20250131T025200.0001.fits
SecZ=1.28
Focus=-6.304
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.177 -6.288 -4.446
T123=9.8 10.1 11.1
ALT/AZ=51.2 159.2
fwAVG=2.78
sdW=25.3
fwW=2.58
sdS=38.6
fwS=2.62
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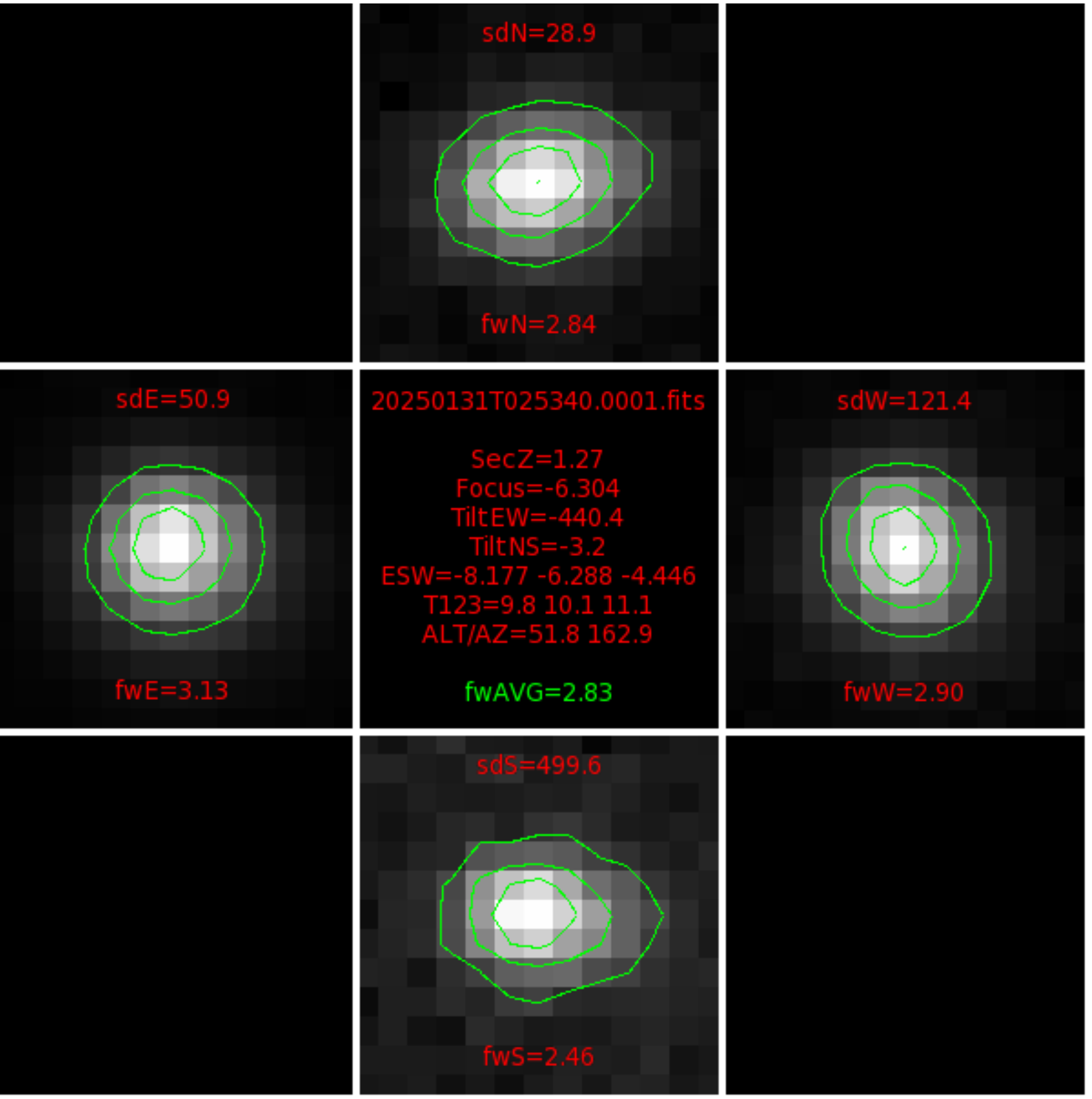
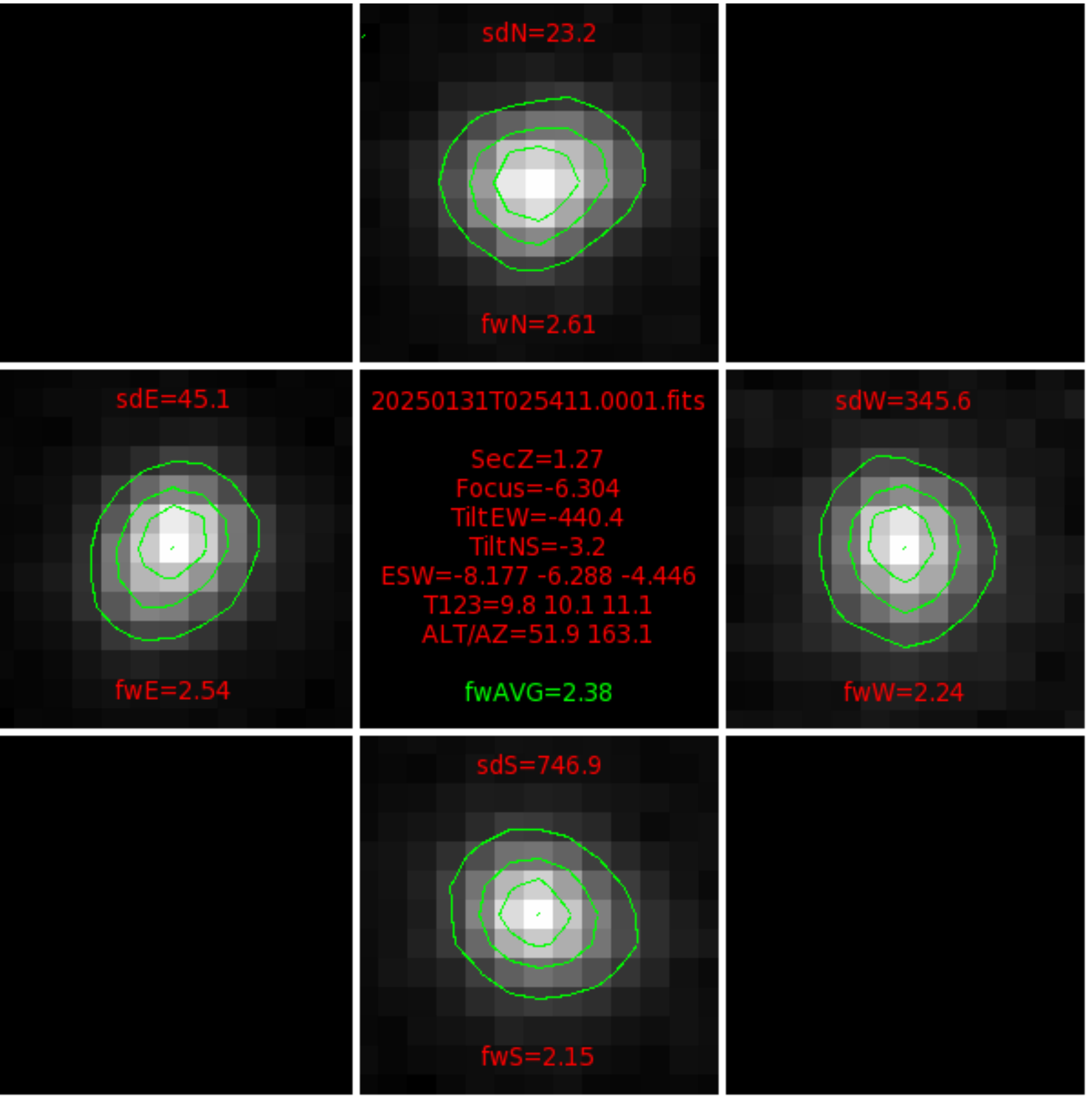

sdN=28.9
fwN=2.84
sdE=50.9
fwE=3.13
20250131T025340.0001.fits
SecZ=1.27
Focus=-6.304
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.177 -6.288 -4.446
T123=9.8 10.1 11.1
ALT/AZ=51.8 162.9
fwAVG=2.83
sdW=121.4
fwW=2.90
sdS=499.6
fwS=2.46
0 0 0 0 0 0 0 0 0


sdN=23.2
fwN=2.61
sdE=45.1
fwE=2.54
20250131T025411.0001.fits
SecZ=1.27
Focus=-6.304
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.177 -6.288 -4.446
T123=9.8 10.1 11.1
ALT/AZ=51.9 163.1
fwAVG=2.38
sdW=345.6
fwW=2.24
sdS=746.9
fwS=2.15
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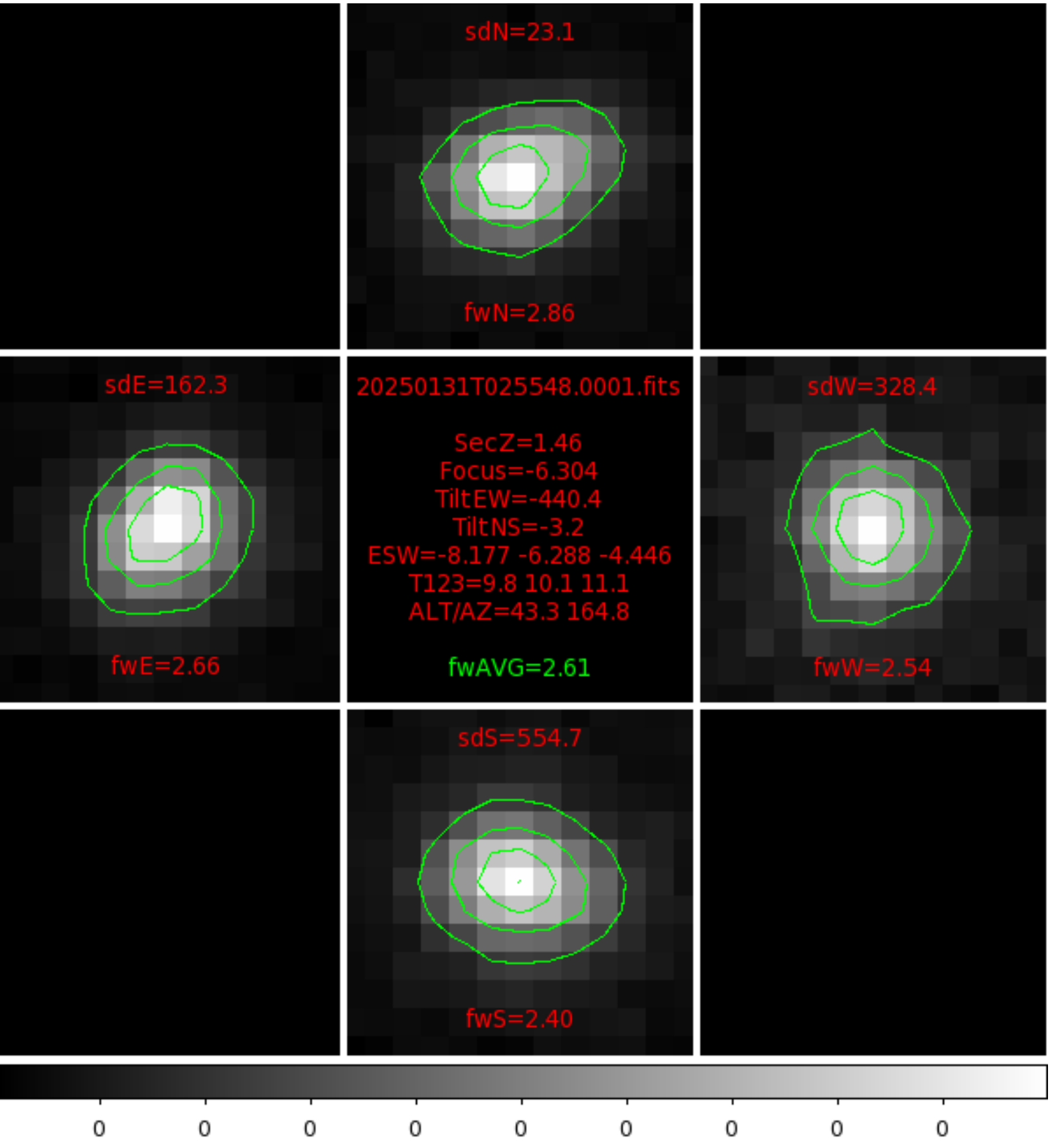
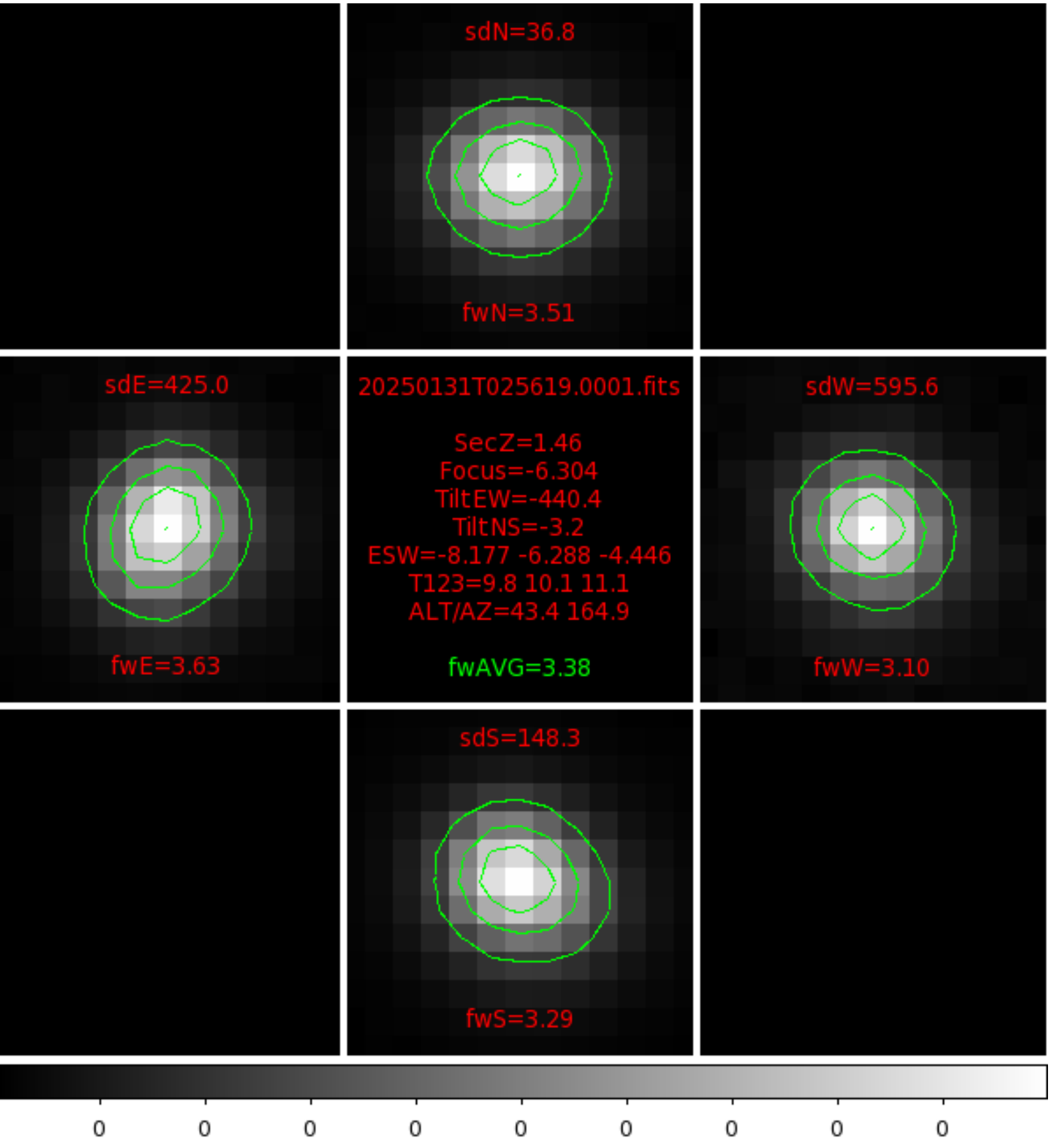

sdN=23.1
fwN=2.86
sdE=162.3
fwE=2.66
20250131T025548.0001.fits
SecZ=1.46
Focus=-6.304
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.177 -6.288 -4.446
T123=9.8 10.1 11.1
ALT/AZ=43.3 164.8
fwAVG=2.61
sdW=328.4
fwW=2.54
sdS=554.7
fwS=2.40
0 0 0 0 0 0 0 0 0


sdN=36.8
fwN=3.51
sdE=425.0
fwE=3.63
20250131T025619.0001.fits
SecZ=1.46
Focus=-6.304
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.177 -6.288 -4.446
T123=9.8 10.1 11.1
ALT/AZ=43.4 164.9
fwAVG=3.38
sdW=595.6
fwW=3.10
sdS=148.3
fwS=3.29
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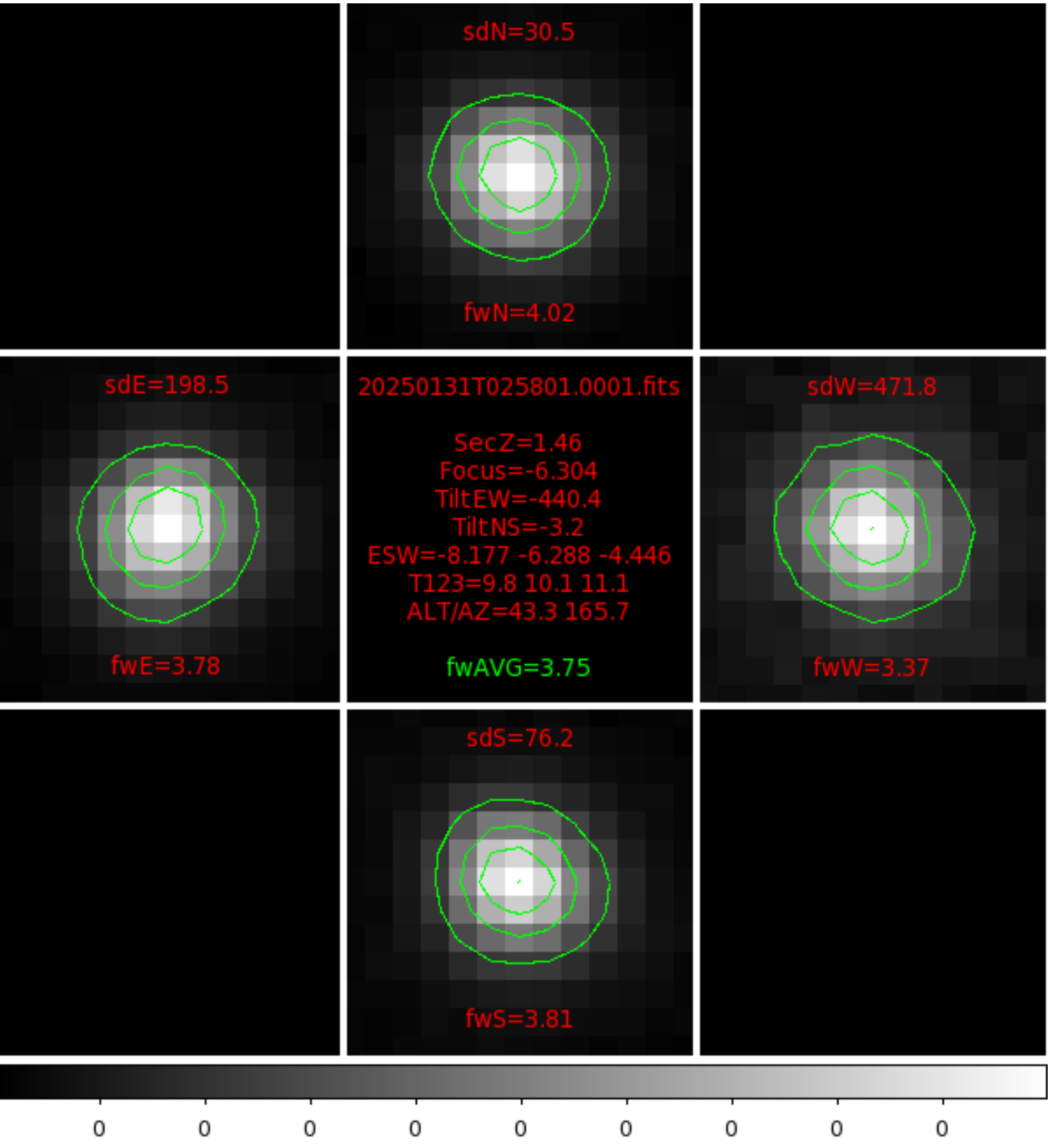
sdN=30.5
fwN=4.02
sdE=198.5
fwE=3.78
20250131T025801.0001.fits
SecZ=1.46
Focus=-6.304
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.177 -6.288 -4.446
T123=9.8 10.1 11.1
ALT/AZ=43.3 165.7
fwAVG=3.75
sdW=471.8
fwW=3.37
sdS=76.2
fwS=3.81
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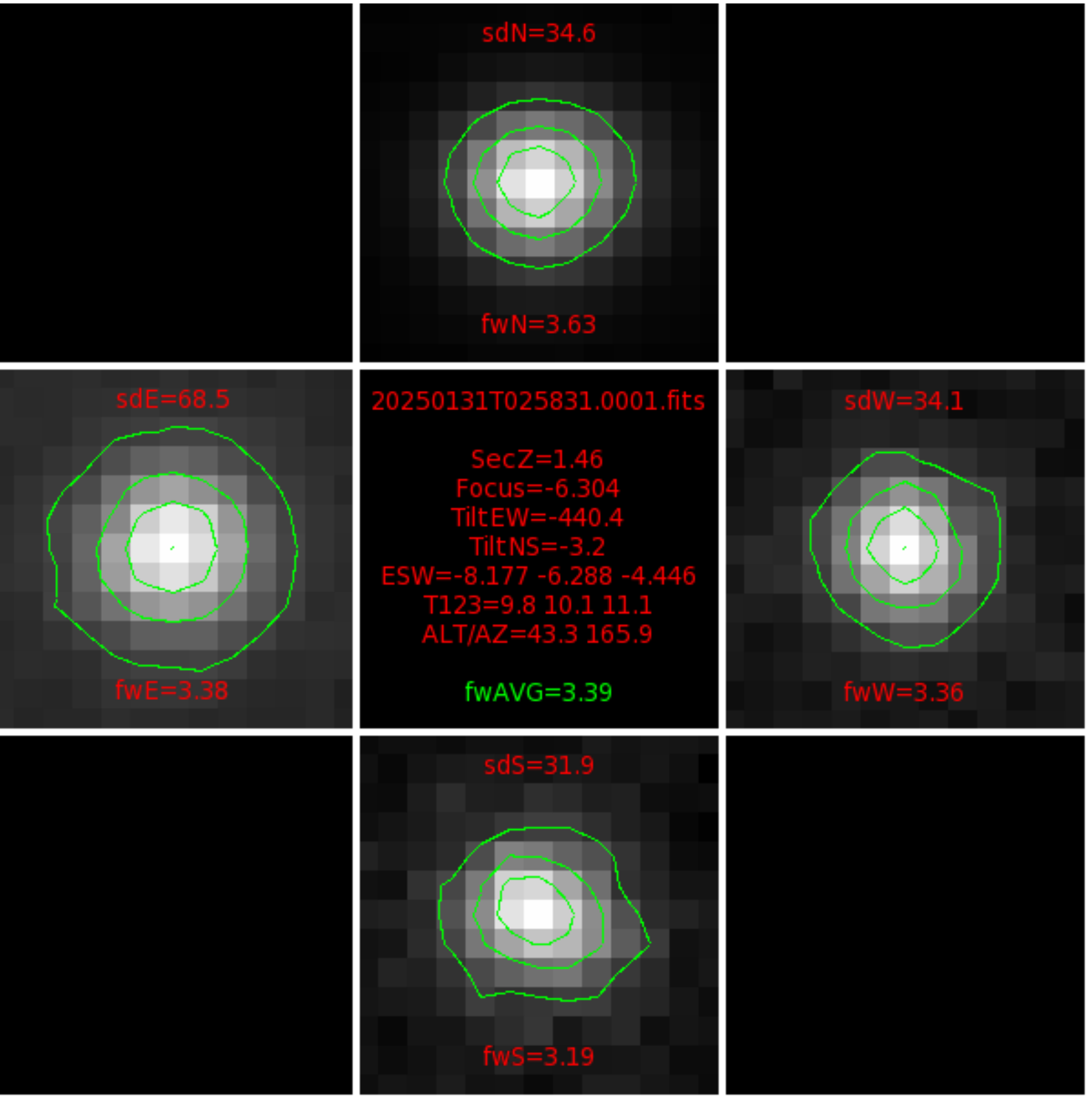
sdN=34.6
fwN=3.63
sdE=68.5
fwE=3.38
20250131T025831.0001.fits
SecZ=1.46
Focus=-6.304
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.177 -6.288 -4.446
T123=9.8 10.1 11.1
ALT/AZ=43.3 165.9
fwAVG=3.39
sdW=34.1
fwW=3.36
sdS=31.9
fwS=3.19
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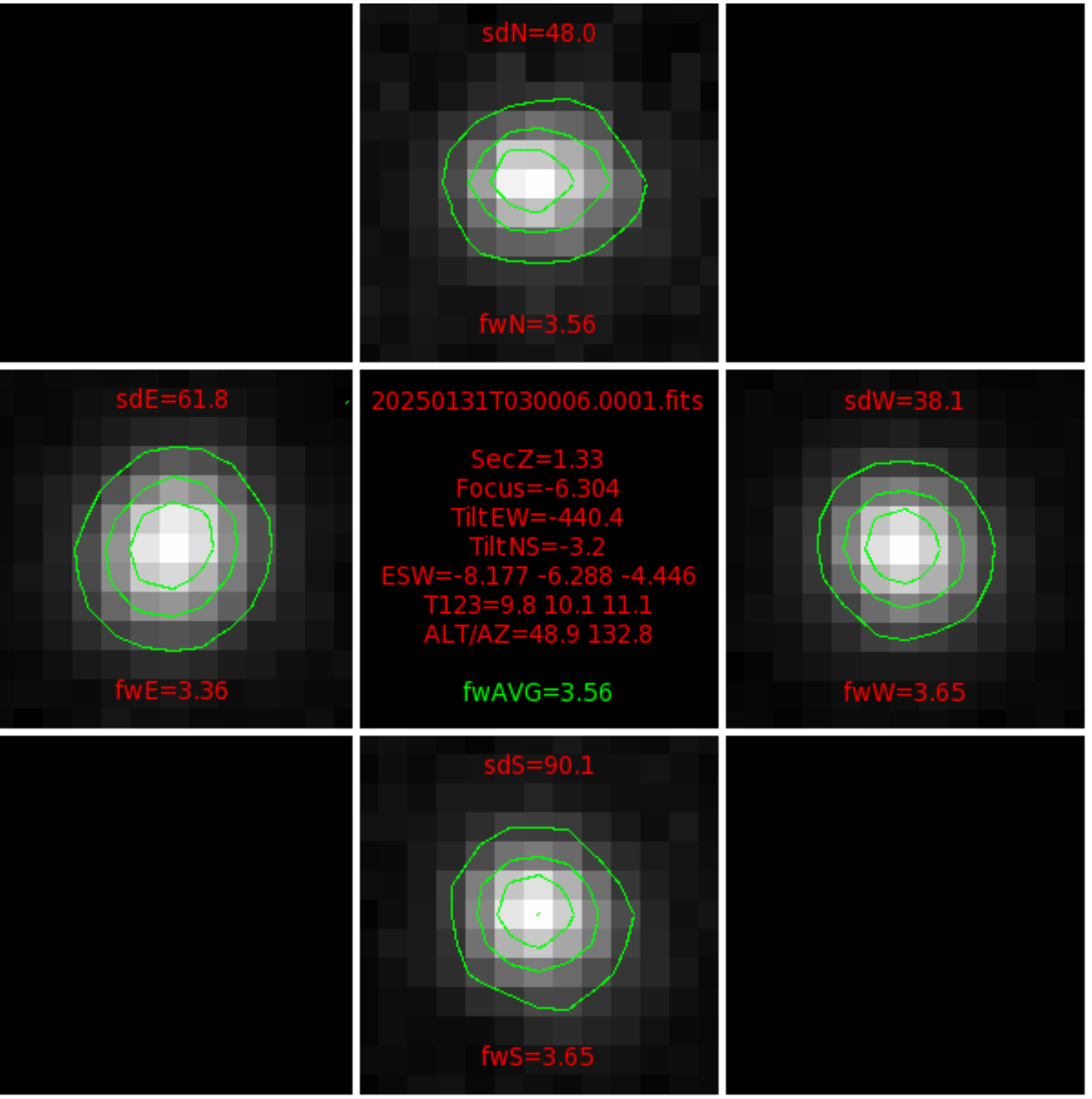
sdN=48.0
fwN=3.56
sdE=61.8
fwE=3.36
20250131T030006.0001.fits
SecZ=1.33
Focus=-6.304
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.177 -6.288 -4.446
T123=9.8 10.1 11.1
ALT/AZ=48.9 132.8
fwAVG=3.56
sdW=38.1
fwW=3.65
sdS=90.1
fwS=3.65
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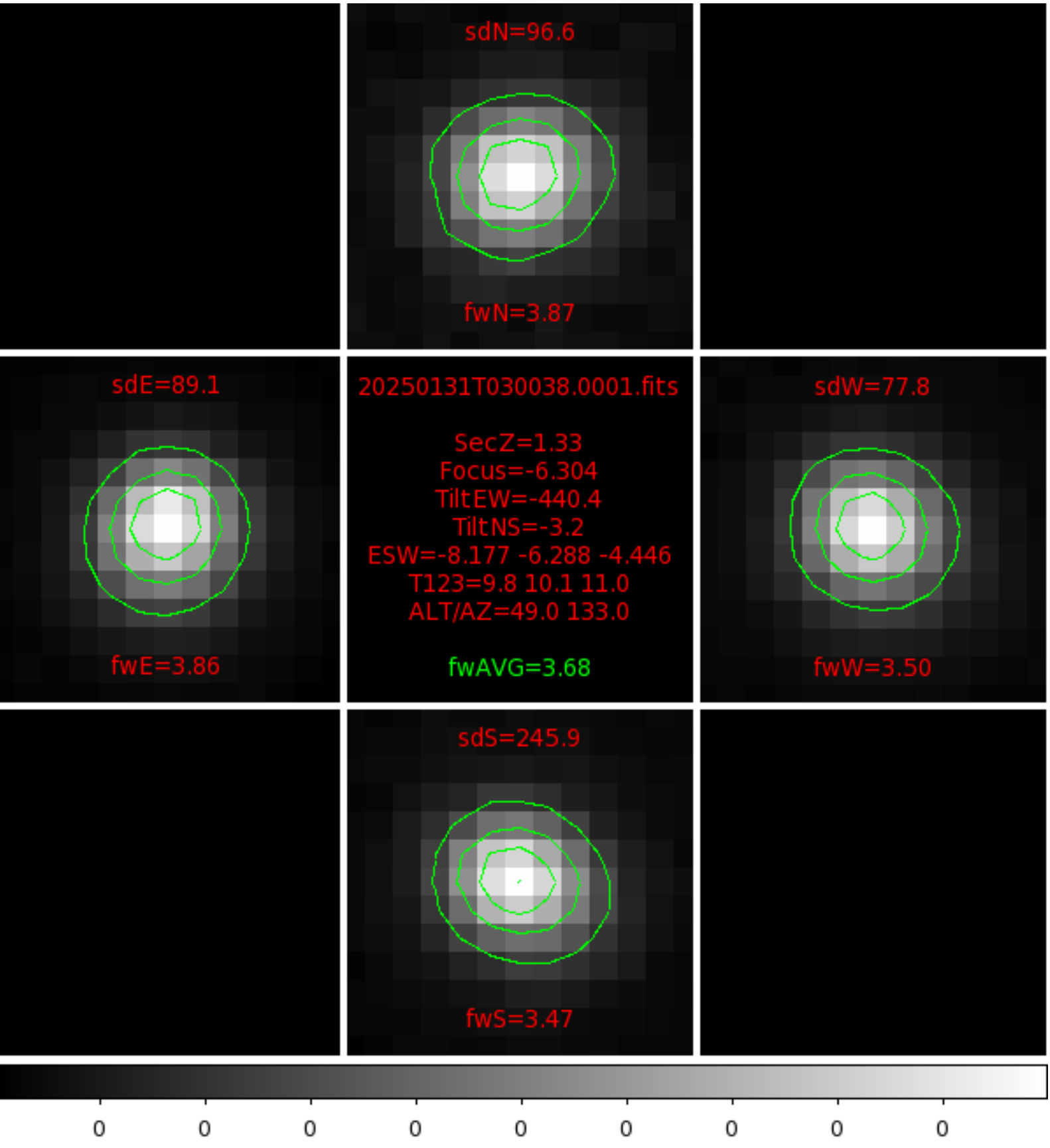
sdN=96.6
fwN=3.87
sdE=89.1
fwE=3.86
20250131T030038.0001.fits
SecZ=1.33
Focus=-6.304
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.177 -6.288 -4.446
T123=9.8 10.1 11.0
ALT/AZ=49.0 133.0
fwAVG=3.68
sdW=77.8
fwW=3.50
sdS=245.9
fwS=3.47
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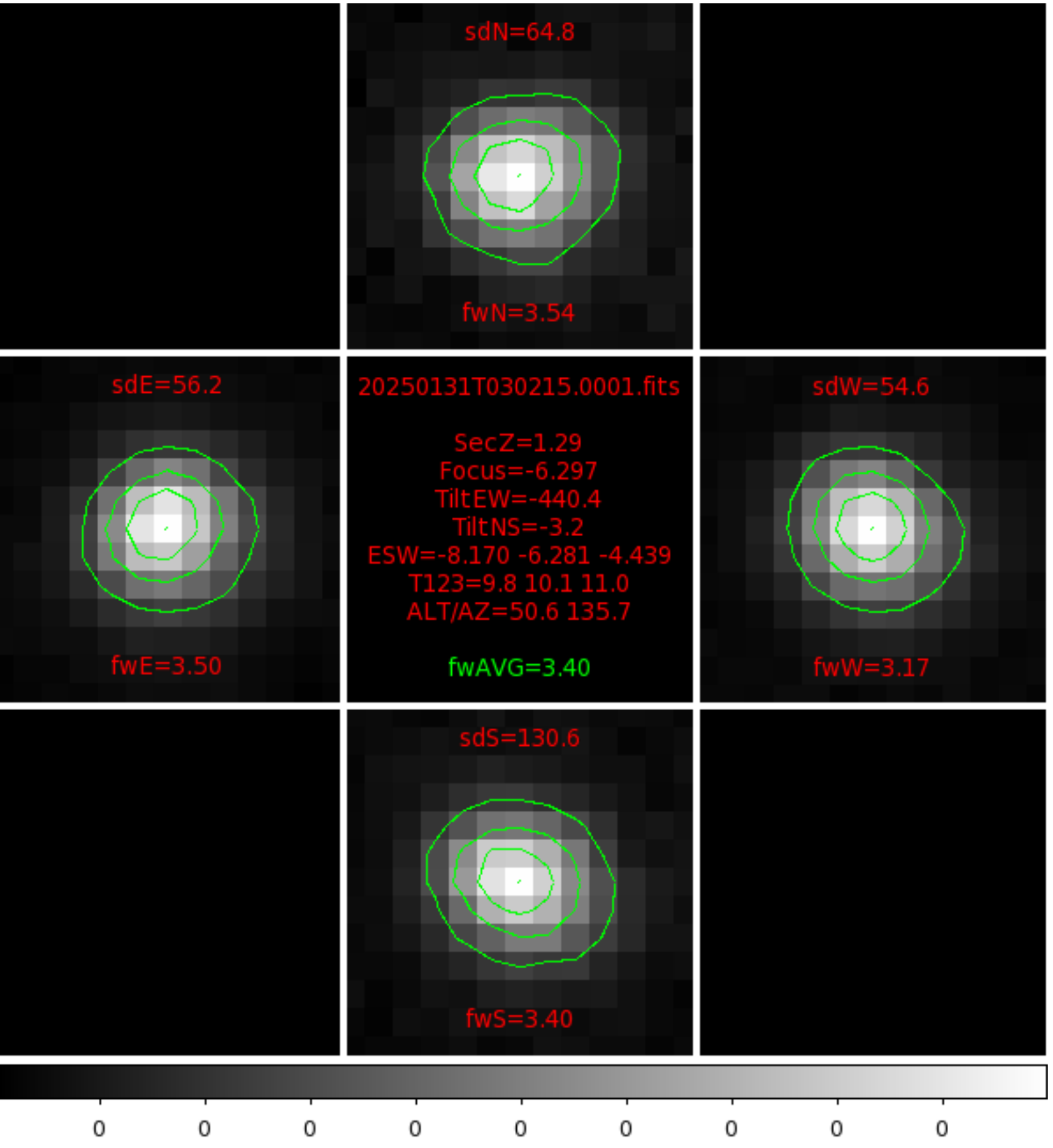
sdN=64.8
fwN=3.54
sdE=56.2
fwE=3.50
20250131T030215.0001.fits
SecZ=1.29
Focus=-6.297
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.170 -6.281 -4.439
T123=9.8 10.1 11.0
ALT/AZ=50.6 135.7
fwAVG=3.40
sdW=54.6
fwW=3.17
sdS=130.6
fwS=3.40
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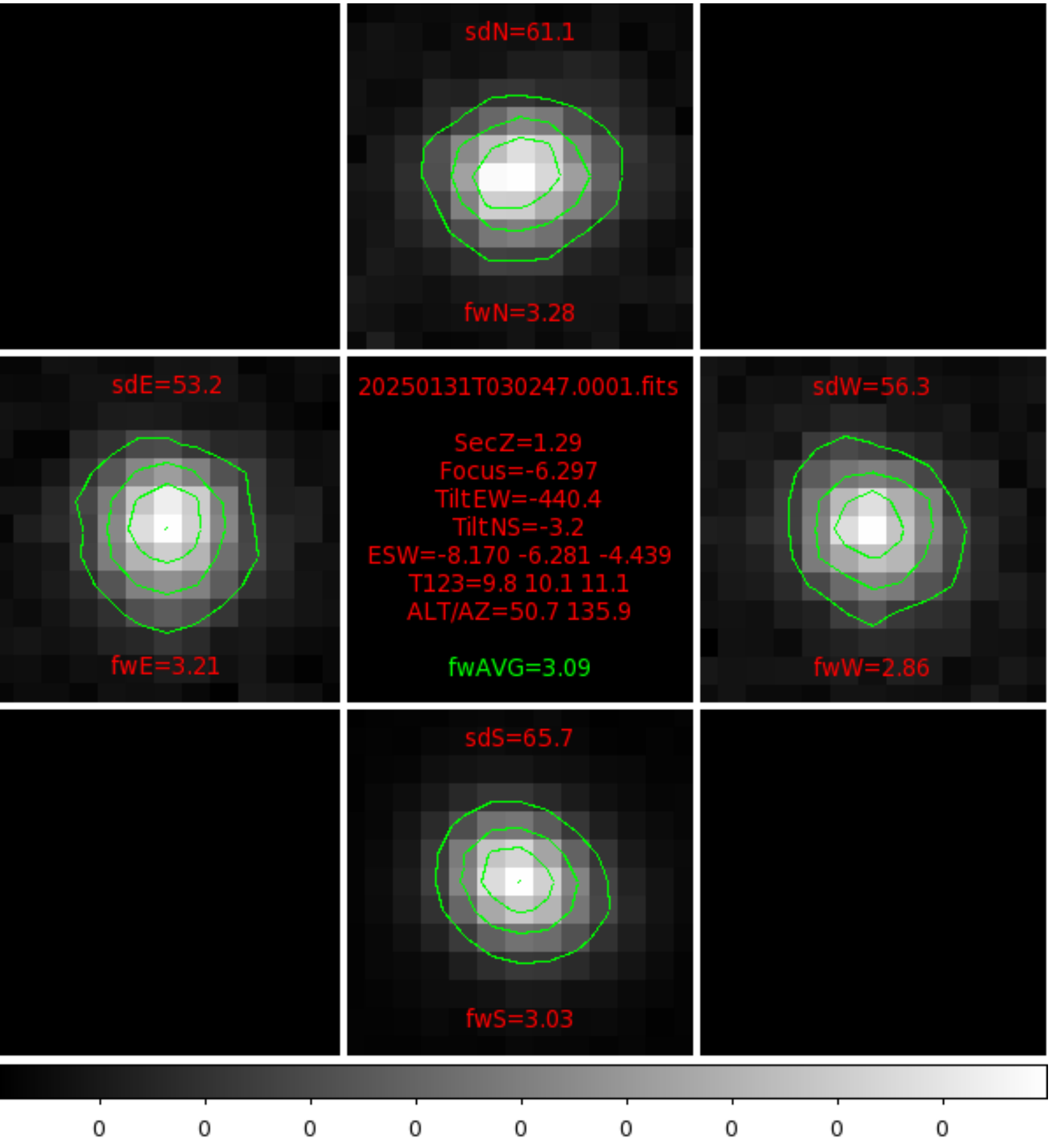
sdN=61.1
fwN=3.28
sdE=53.2
fwE=3.21
20250131T030247.0001.fits
SecZ=1.29
Focus=-6.297
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.170 -6.281 -4.439
T123=9.8 10.1 11.1
ALT/AZ=50.7 135.9
fwAVG=3.09
sdW=56.3
fwW=2.86
sdS=65.7
fwS=3.03
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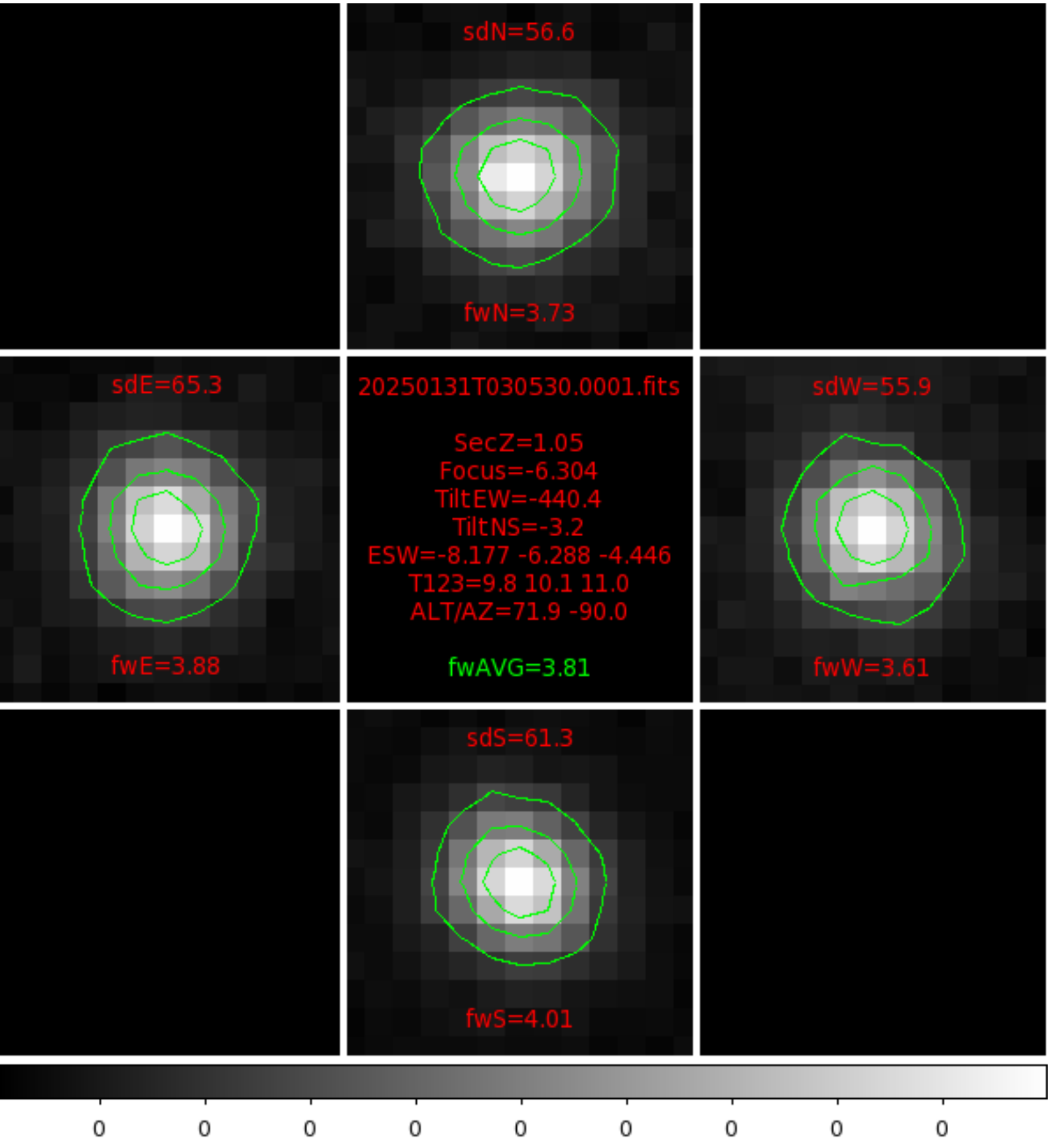
sdN=56.6
fwN=3.73
sdE=65.3
fwE=3.88
20250131T030530.0001.fits
SecZ=1.05
Focus=-6.304
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.177 -6.288 -4.446
T123=9.8 10.1 11.0
ALT/AZ=71.9 -90.0
fwAVG=3.81
sdW=55.9
fwW=3.61
sdS=61.3
fwS=4.01
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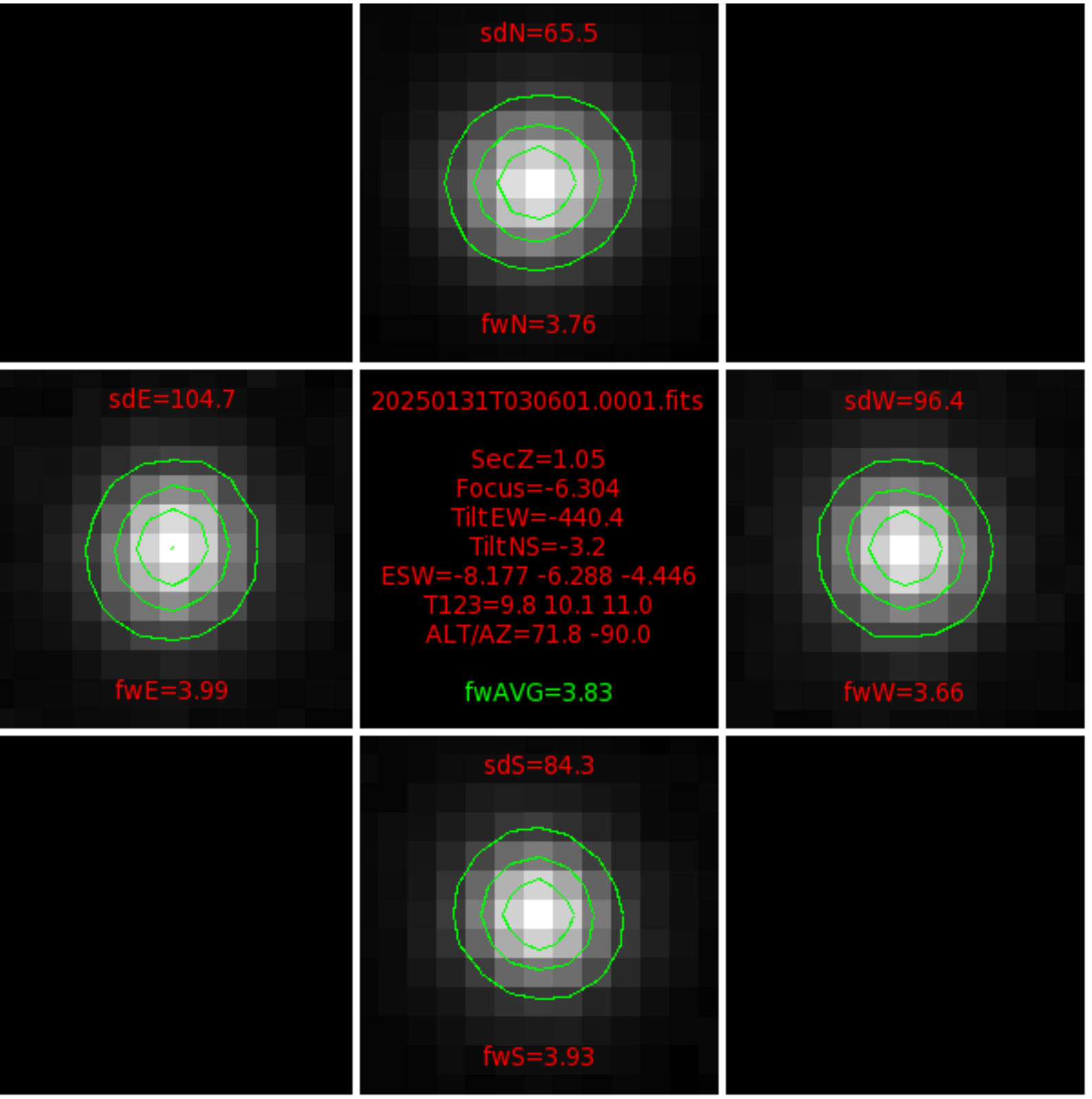
sdN=65.5
fwN=3.76
sdE=104.7
fwE=3.99
20250131T030601.0001.fits
SecZ=1.05
Focus=-6.304
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.177 -6.288 -4.446
T123=9.8 10.1 11.0
ALT/AZ=71.8 -90.0
fwAVG=3.83
sdW=96.4
fwW=3.66
sdS=84.3
fwS=3.93
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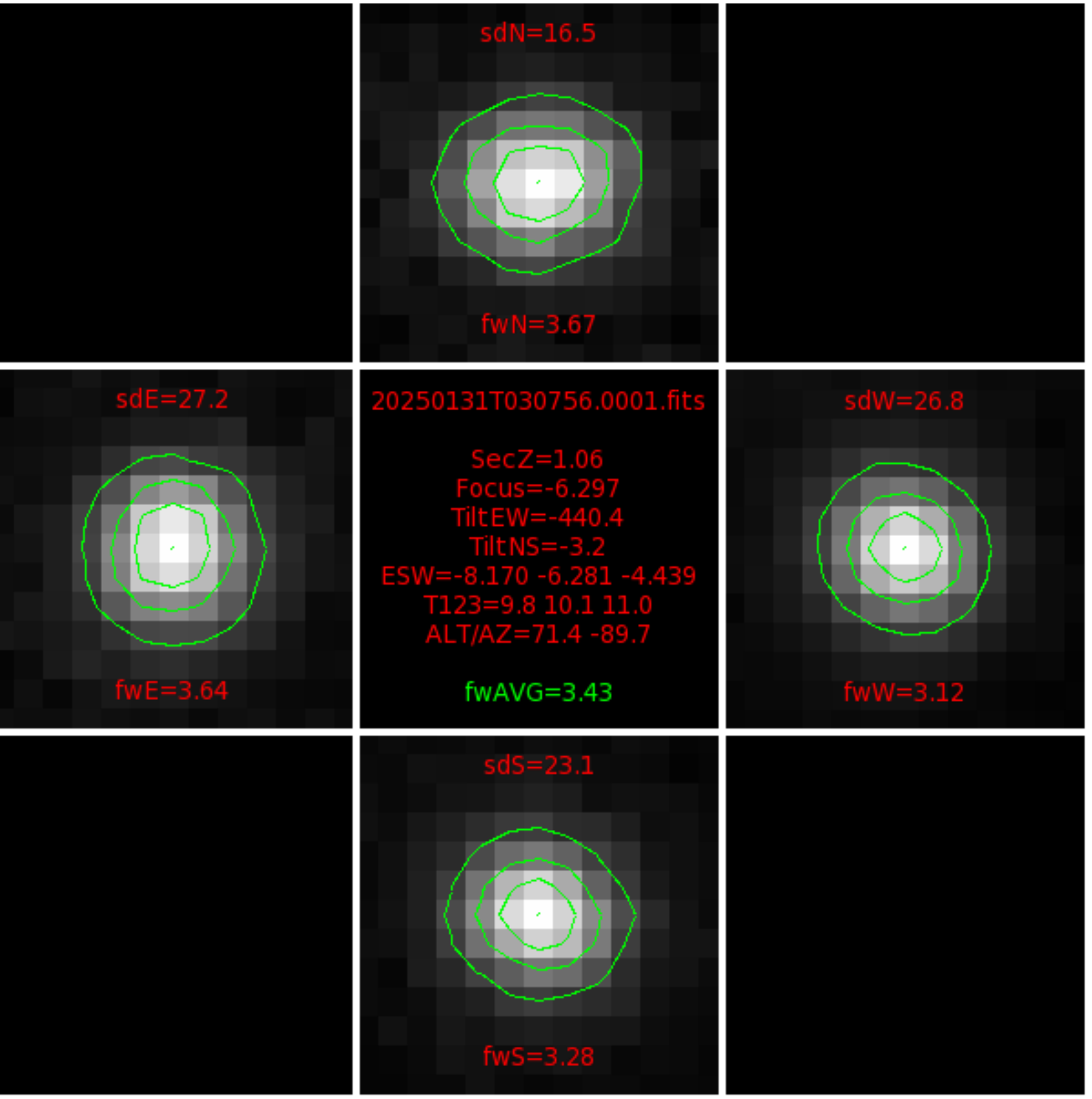
sdN=16.5
fwN=3.67
sdE=27.2
fwE=3.64
20250131T030756.0001.fits
SecZ=1.06
Focus=-6.297
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.170 -6.281 -4.439
T123=9.8 10.1 11.0
ALT/AZ=71.4 -89.7
fwAVG=3.43
sdW=26.8
fwW=3.12
sdS=23.1
fwS=3.28
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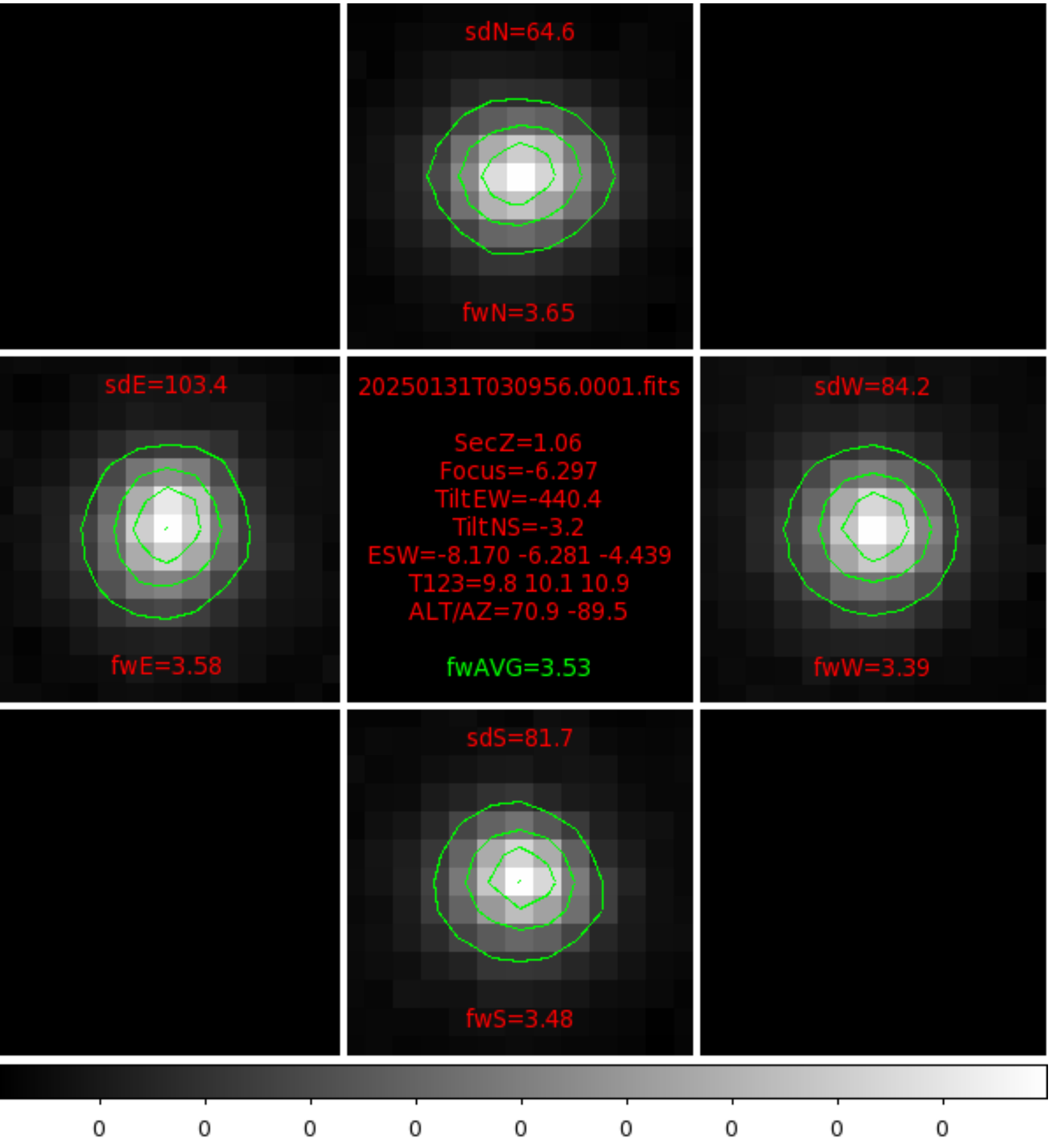
sdN=64.6
fwN=3.65
sdE=103.4
fwE=3.58
20250131T030956.0001.fits
SecZ=1.06
Focus=-6.297
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.170 -6.281 -4.439
T123=9.8 10.1 10.9
ALT/AZ=70.9 -89.5
fwAVG=3.53
sdW=84.2
fwW=3.39
sdS=81.7
fwS=3.48
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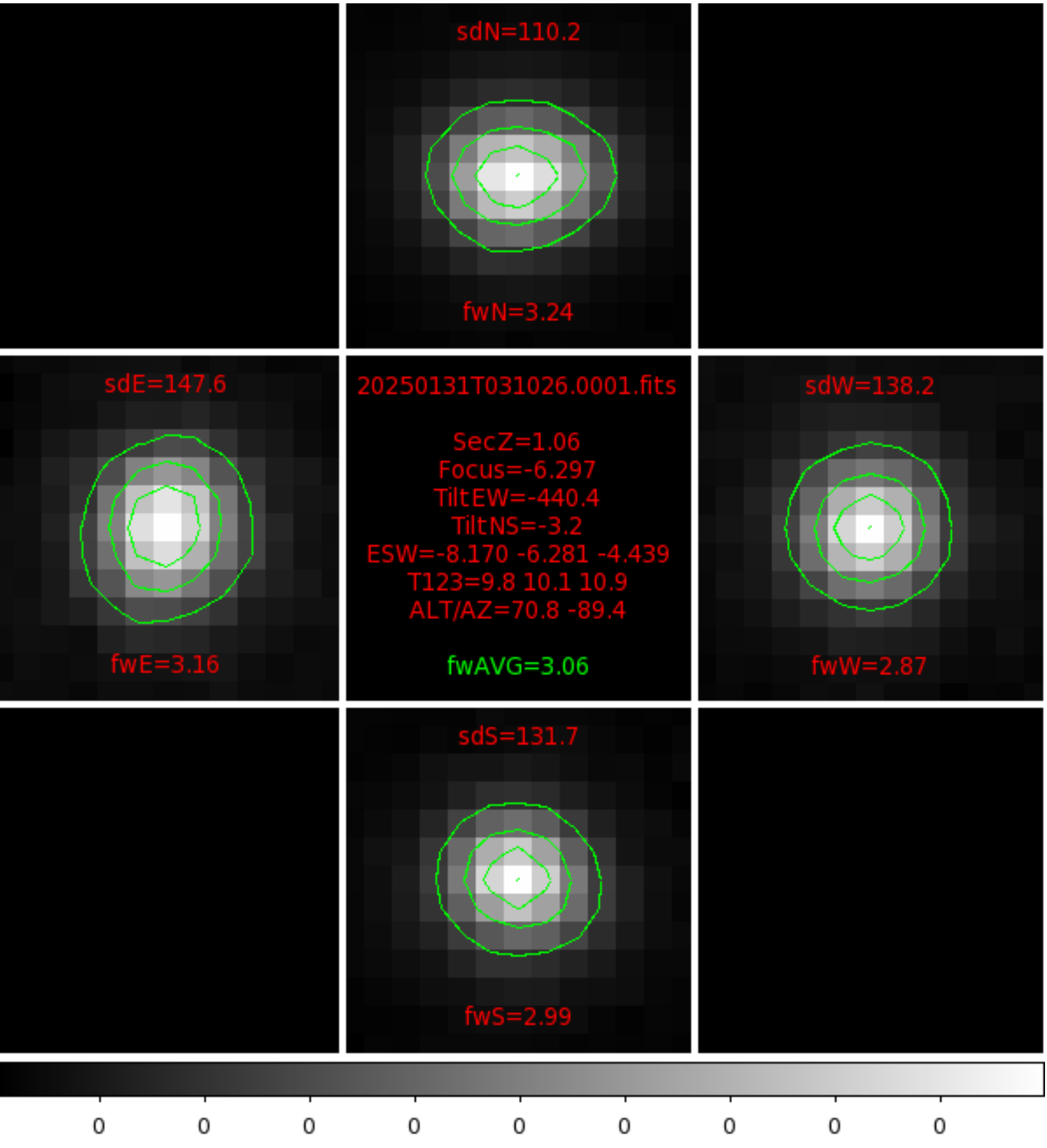
sdN=110.2
fwN=3.24
sdE=147.6
fwE=3.16
20250131T031026.0001.fits
SecZ=1.06
Focus=-6.297
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.170 -6.281 -4.439
T123=9.8 10.1 10.9
ALT/AZ=70.8 -89.4
fwAVG=3.06
sdW=138.2
fwW=2.87
sdS=131.7
fwS=2.99
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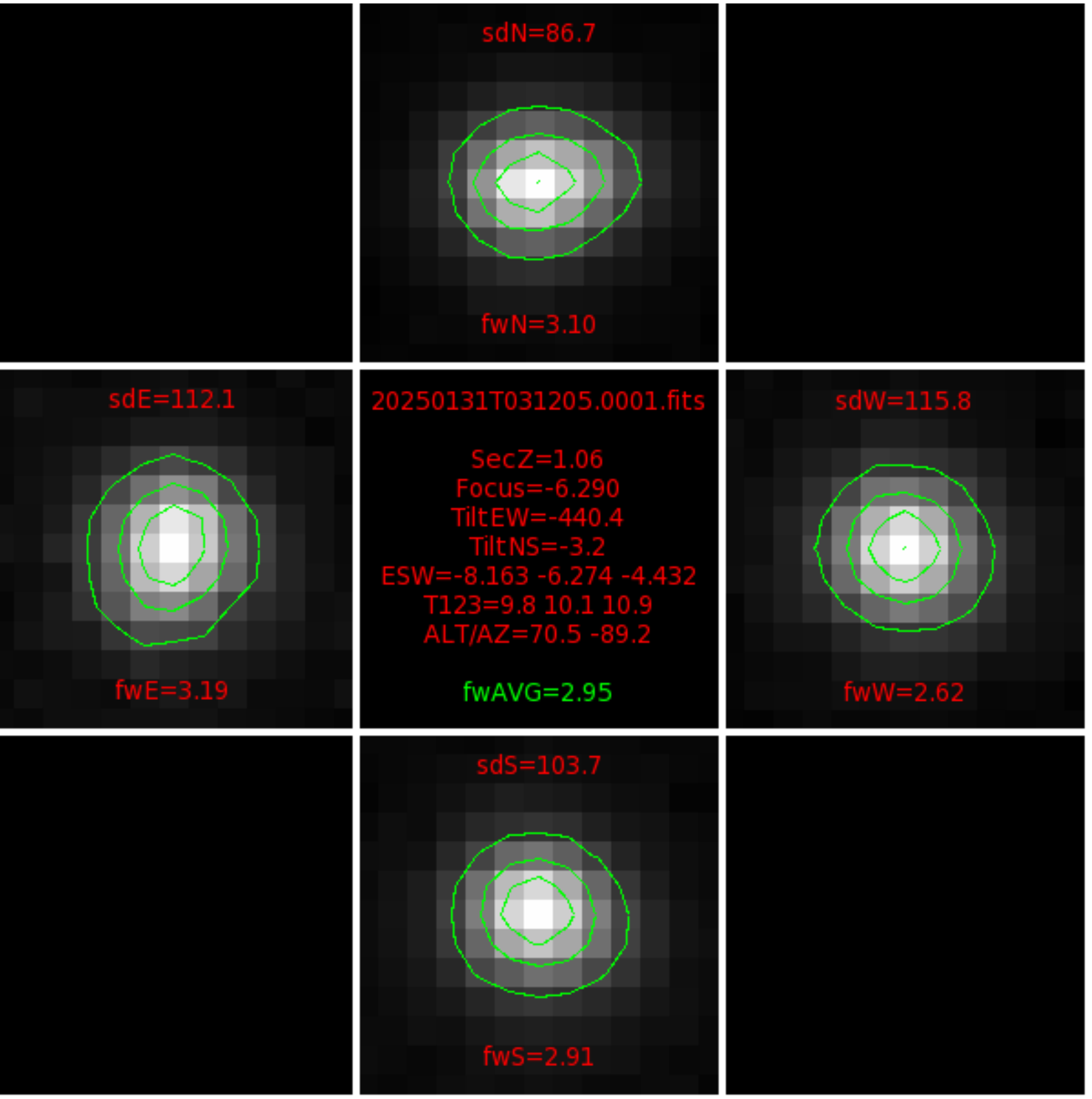
sdN=86.7
fwN=3.10
sdE=112.1
fwE=3.19
20250131T031205.0001.fits
SecZ=1.06
Focus=-6.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.163 -6.274 -4.432
T123=9.8 10.1 10.9
ALT/AZ=70.5 -89.2
fwAVG=2.95
sdW=115.8
fwW=2.62
sdS=103.7
fwS=2.91
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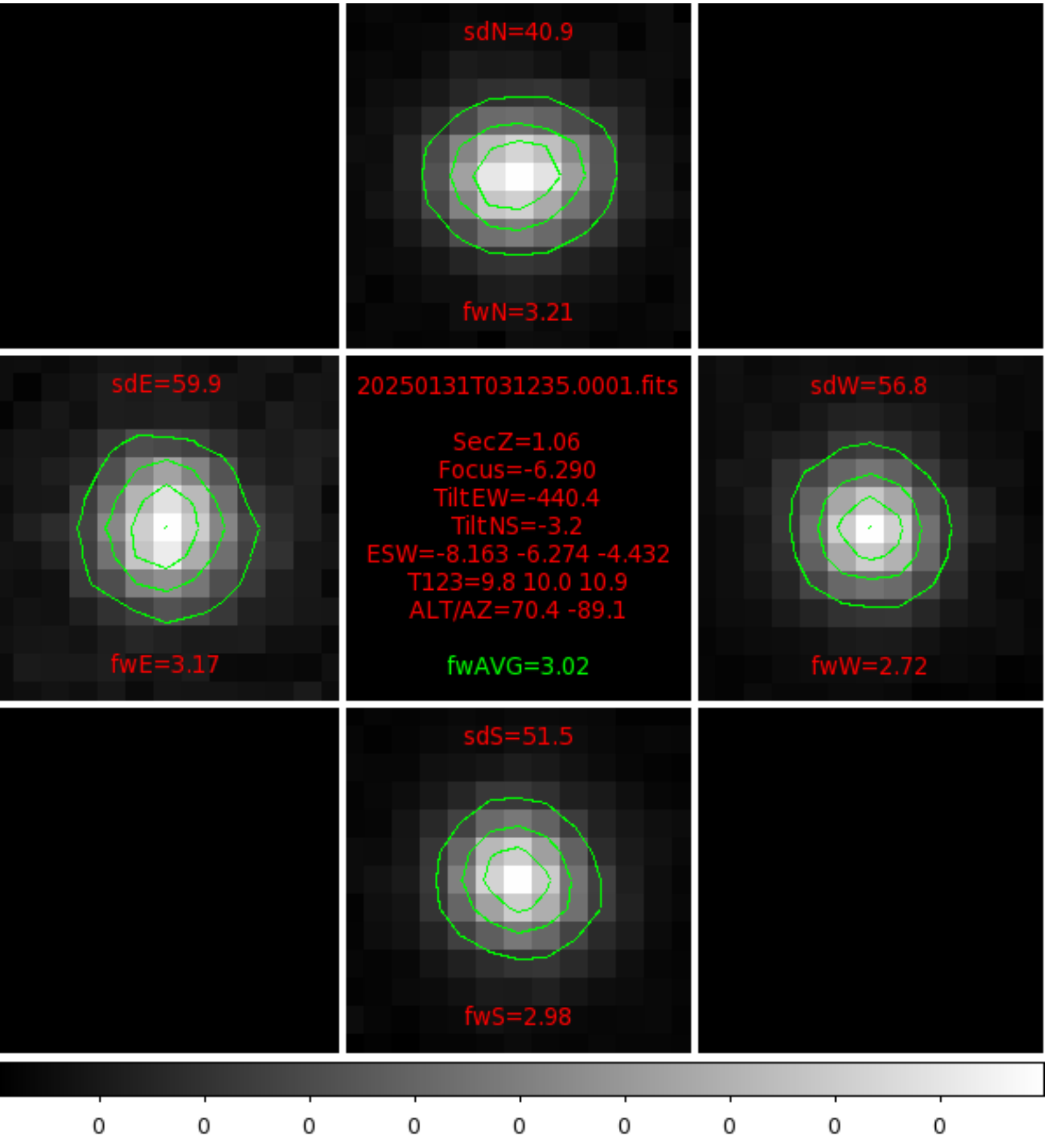
sdN=40.9
fwN=3.21
sdE=59.9
fwE=3.17
20250131T031235.0001.fits
SecZ=1.06
Focus=-6.290
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.163 -6.274 -4.432
T123=9.8 10.0 10.9
ALT/AZ=70.4 -89.1
fwAVG=3.02
sdW=56.8
fwW=2.72
sdS=51.5
fwS=2.98
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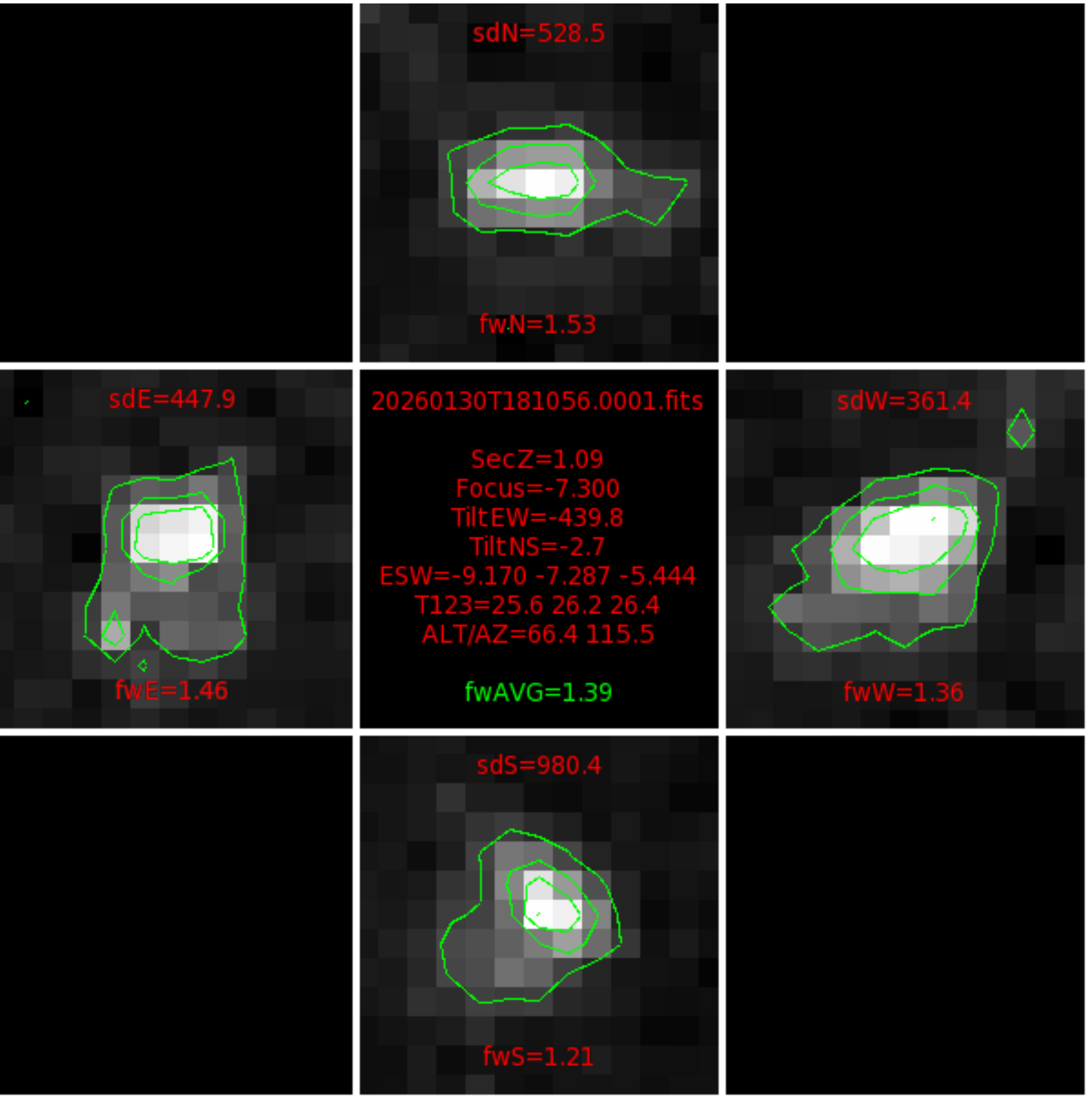
sdN=528.5
fwN=1.53
sdE=447.9
fwE=1.46
20260130T181056.0001.fits
SecZ=1.09
Focus=-7.300
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.170 -7.287 -5.444
T123=25.6 26.2 26.4
ALT/AZ=66.4 115.5
fwAVG=1.39
sdW=361.4
fwW=1.36
sdS=980.4
fwS=1.21
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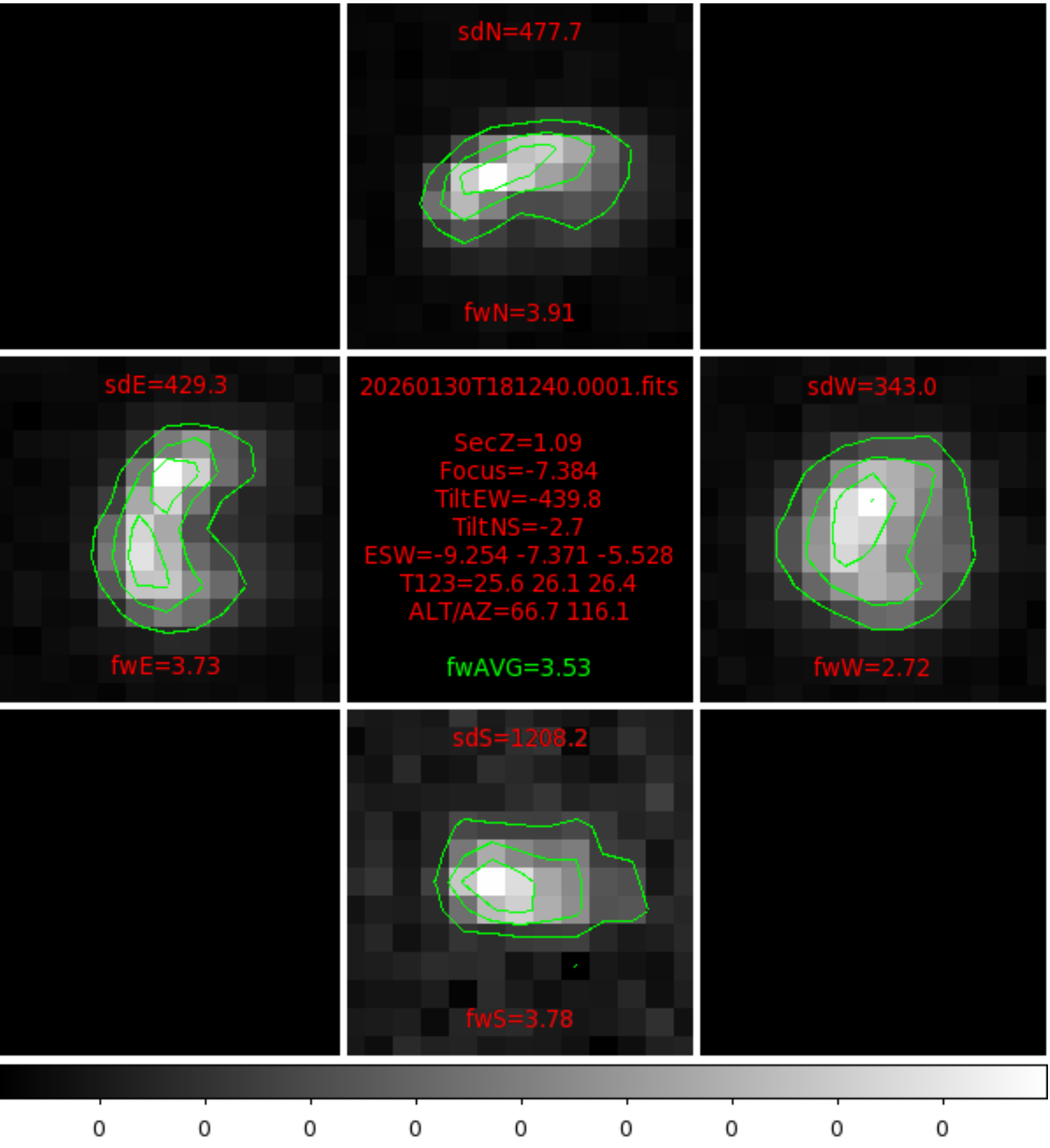
sdN=477.7
fwN=3.91
sdE=429.3
fwE=3.73
20260130T181240.0001.fits
SecZ=1.09
Focus=-7.384
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.254 -7.371 -5.528
T123=25.6 26.1 26.4
ALT/AZ=66.7 116.1
fwAVG=3.53
sdW=343.0
fwW=2.72
sdS=1208.2
fwS=3.78
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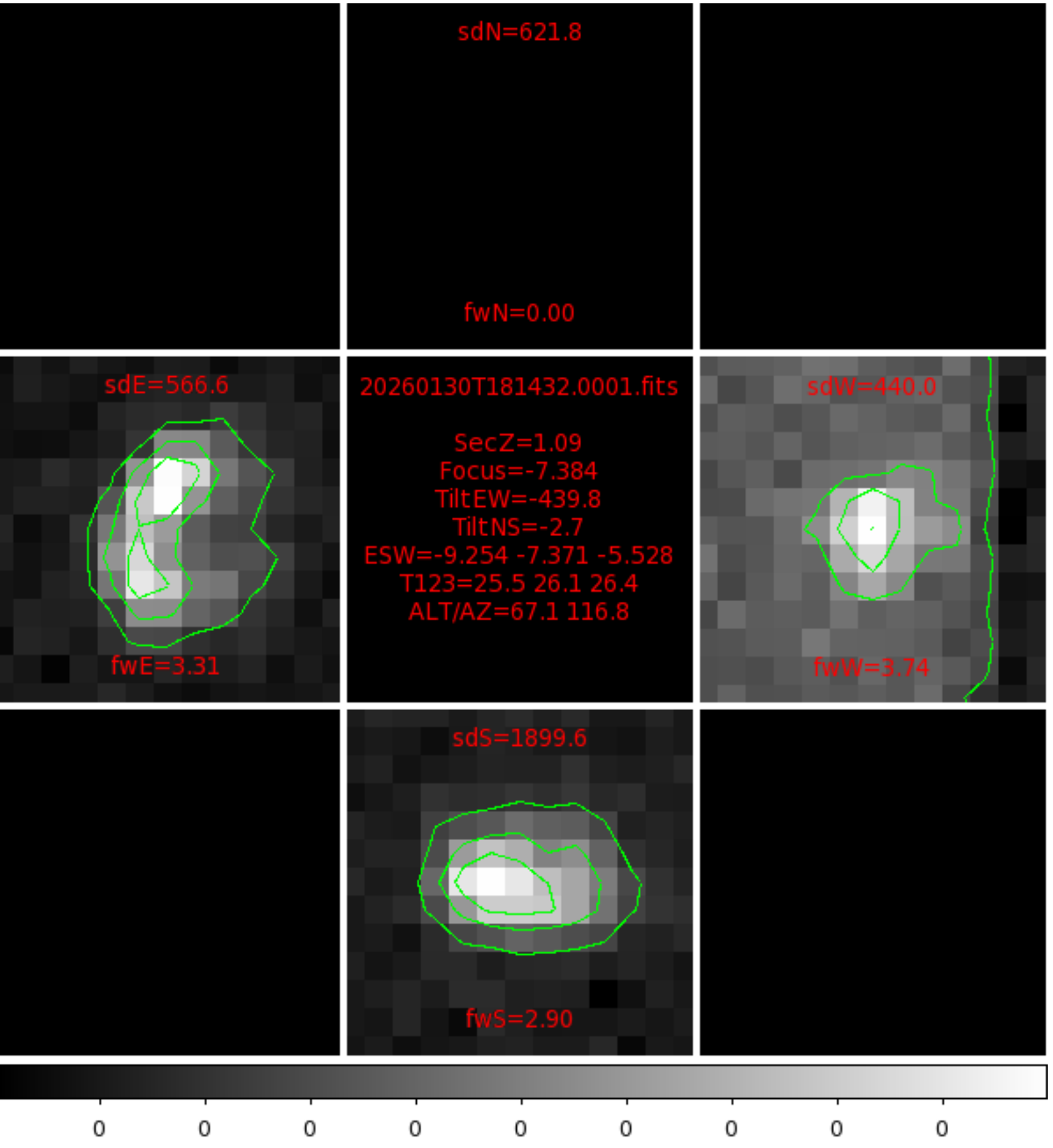
sdN=621.8
fwN=0.00
sdE=566.6
fwE=3.31
20260130T181432.0001.fits
SecZ=1.09
Focus=-7.384
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.254 -7.371 -5.528
T123=25.5 26.1 26.4
ALT/AZ=67.1 116.8
sdW=440.0
fwW=3.74
sdS=1899.6
fwS=2.90
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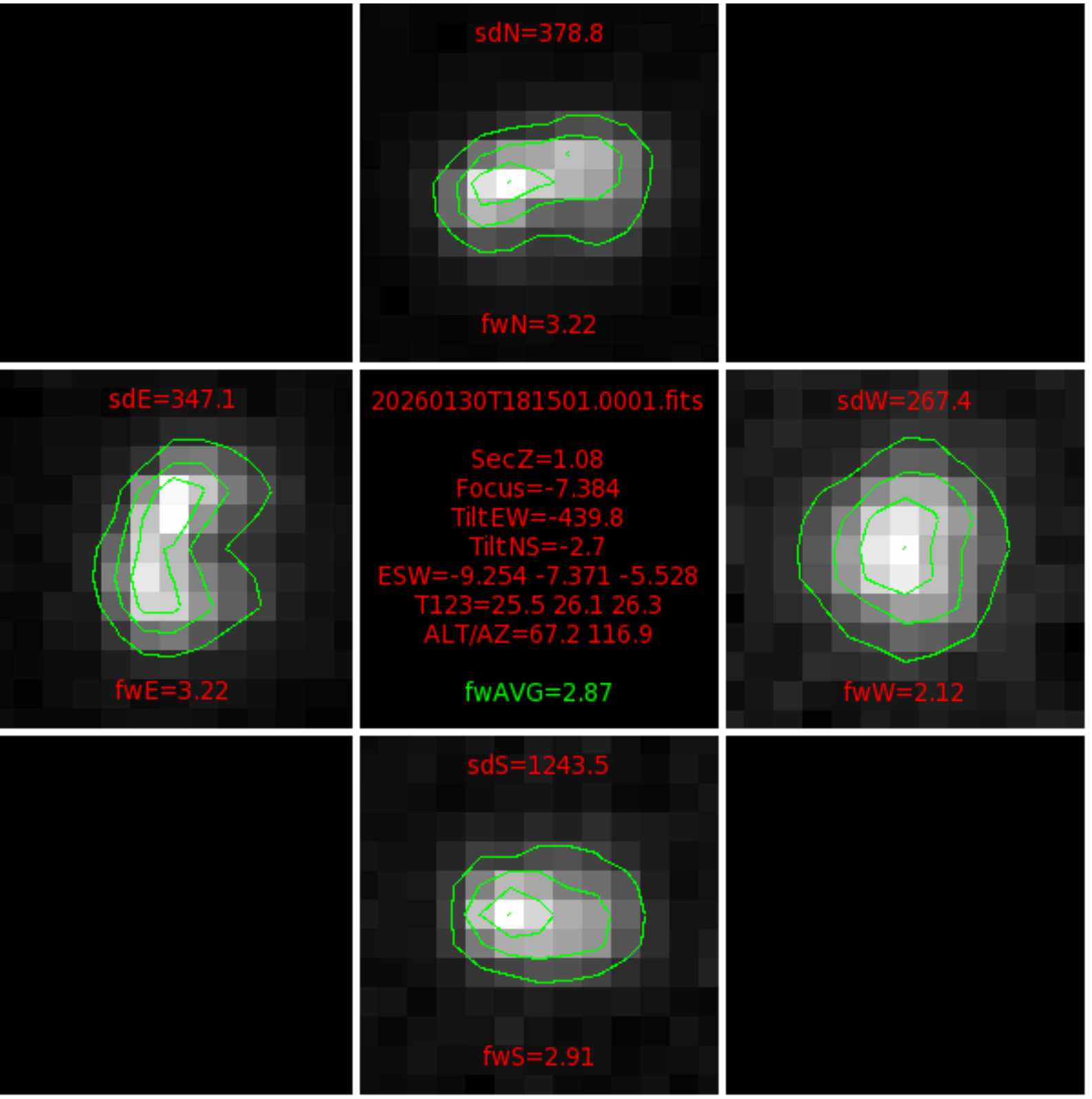
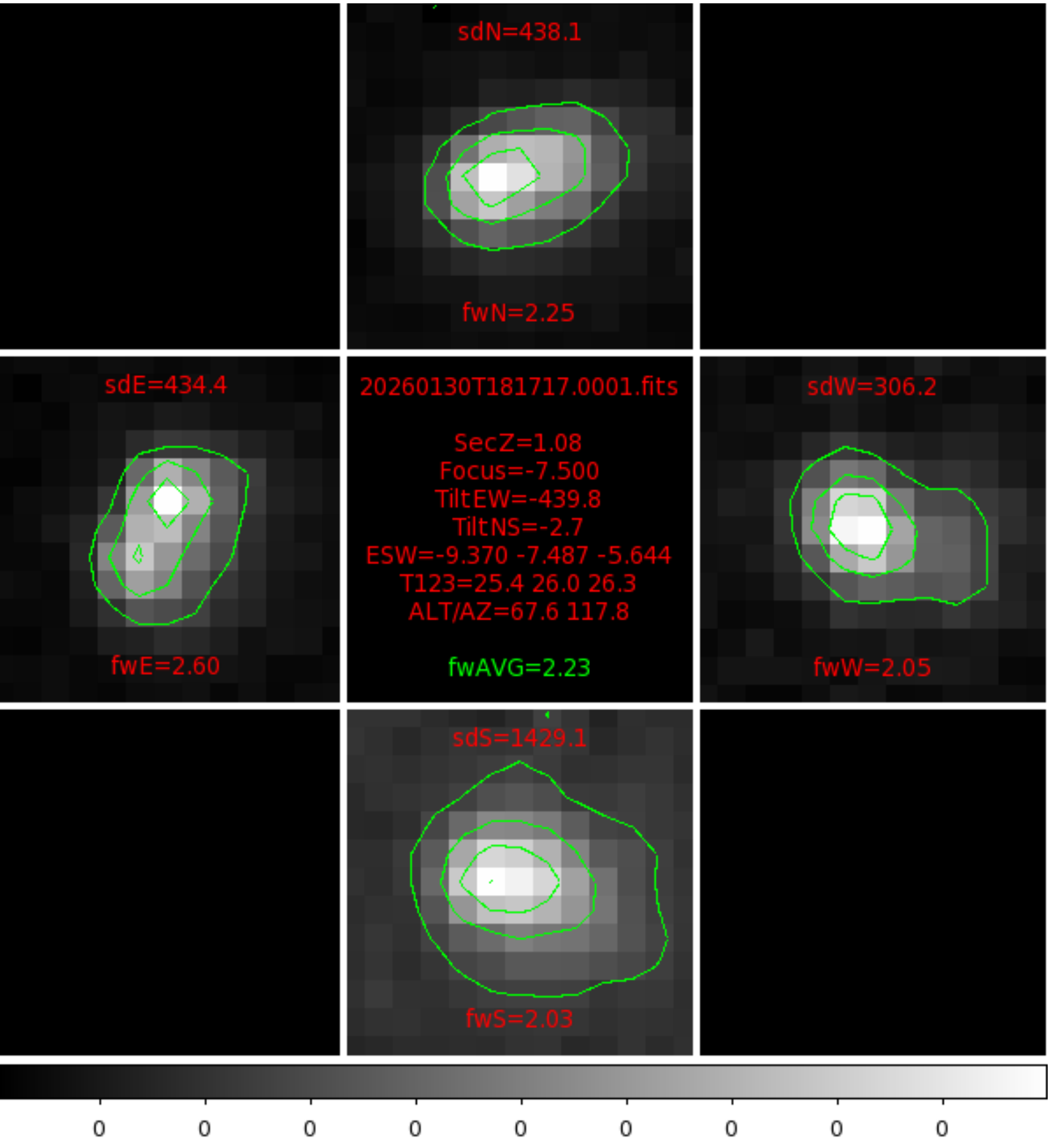
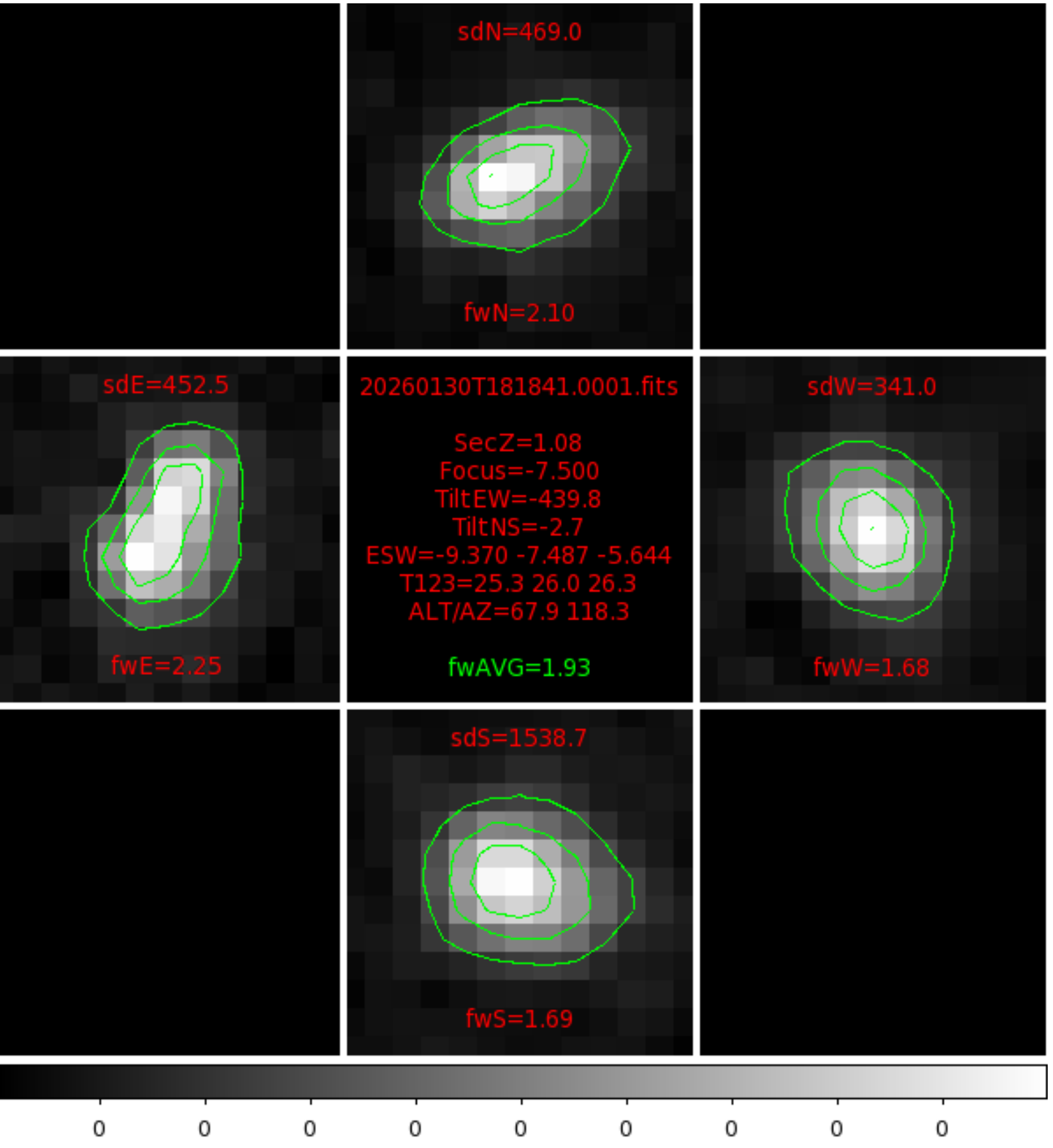
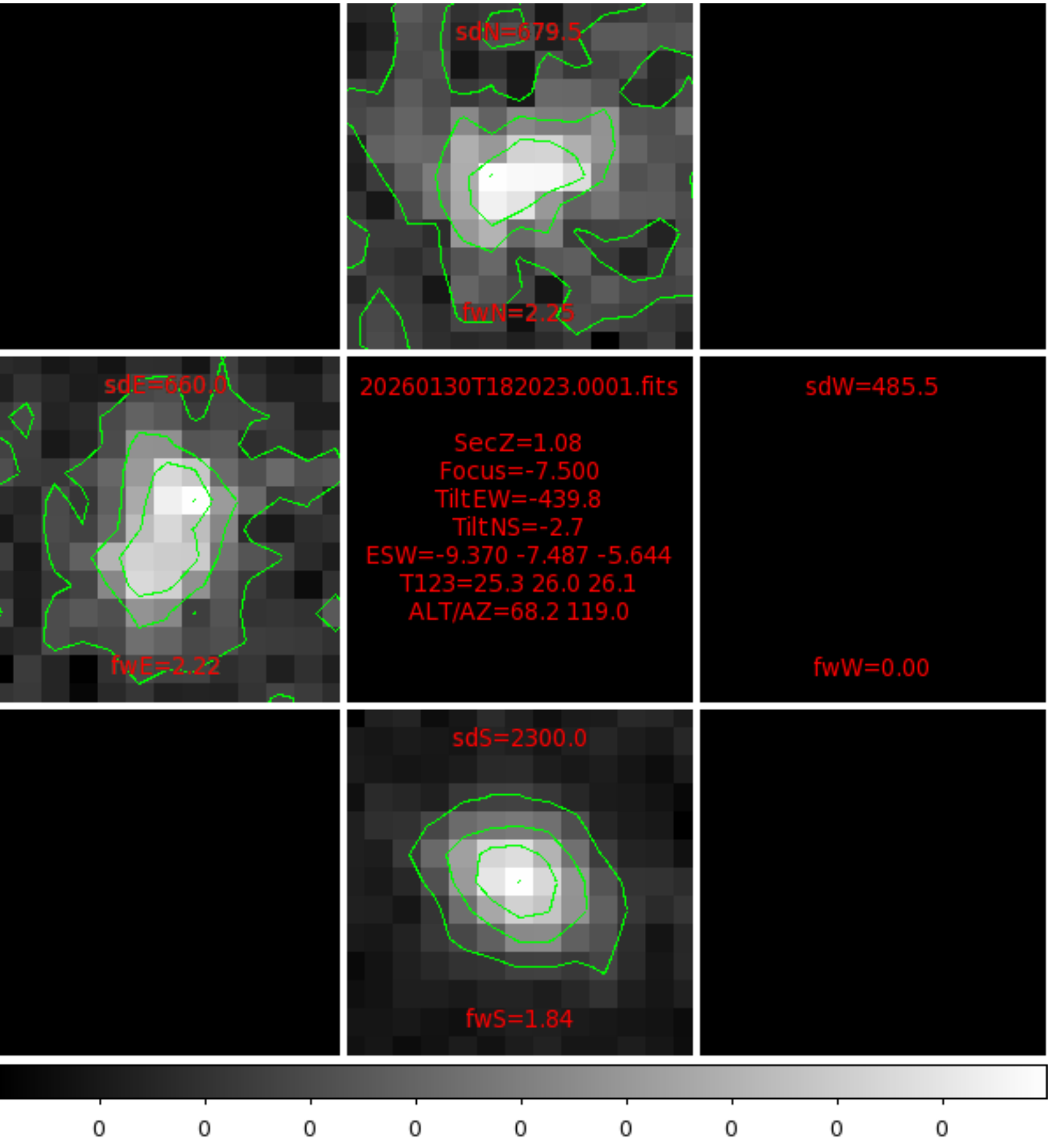
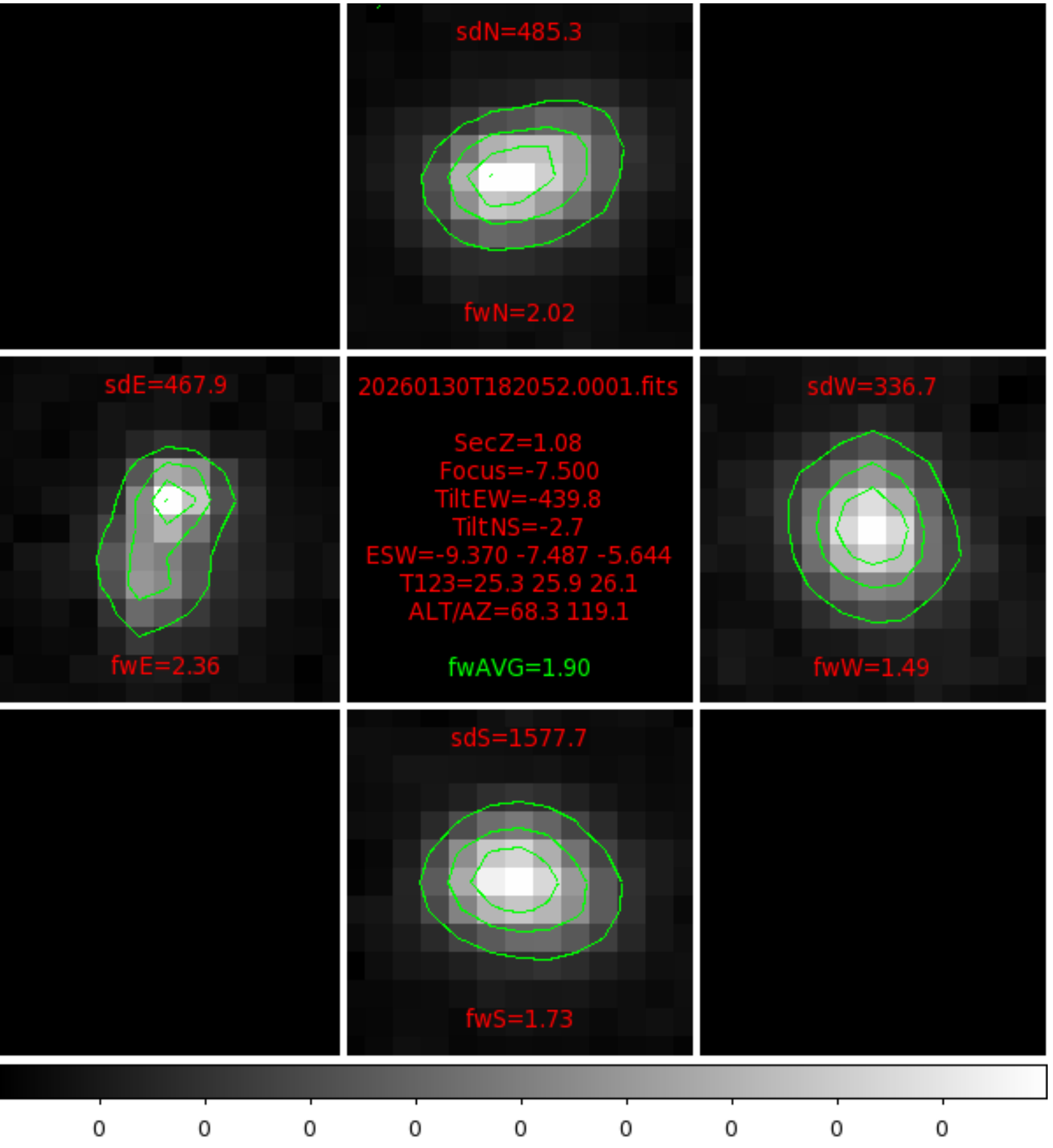
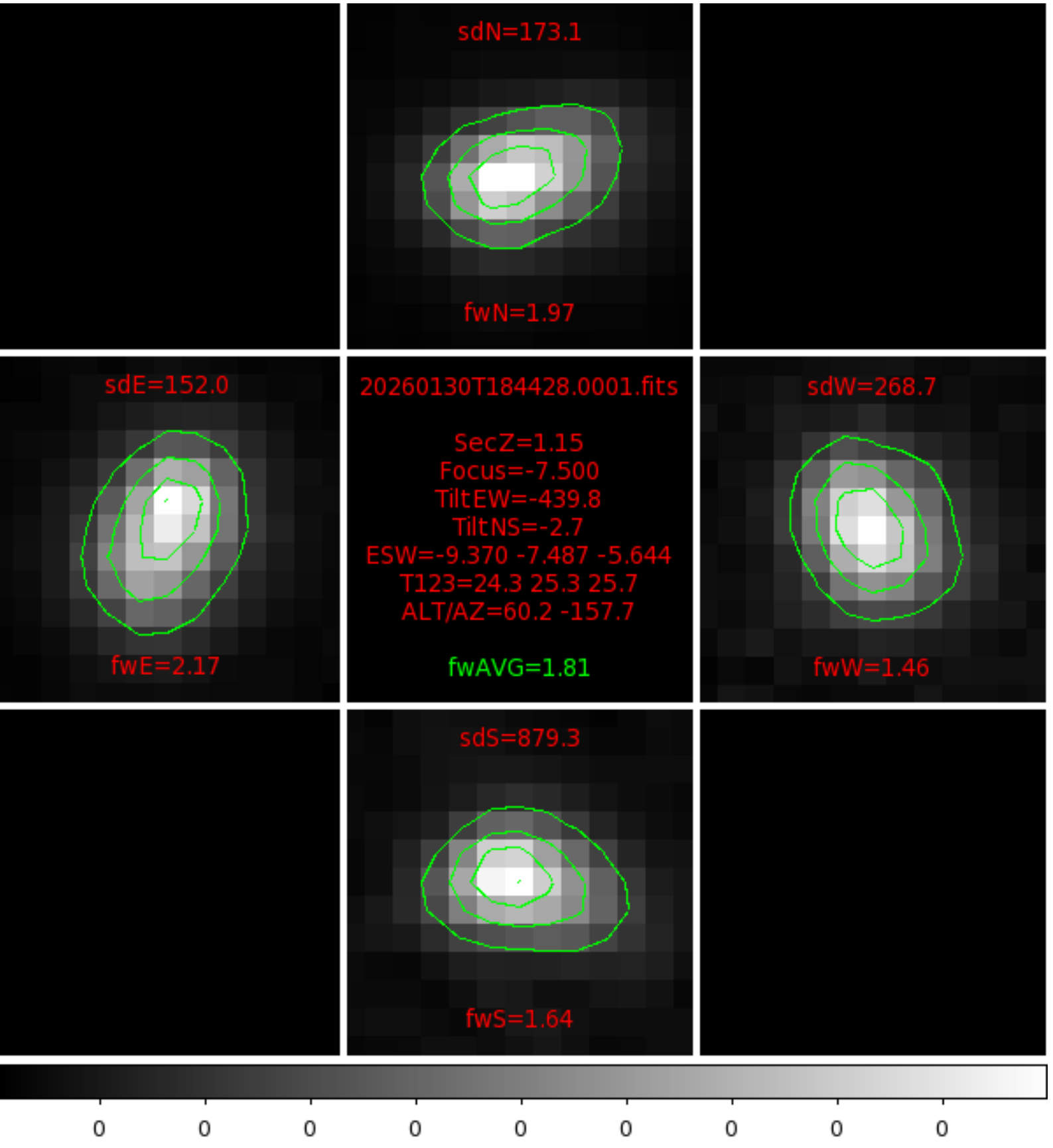

sdN=378.8
fwN=3.22
sdE=347.1
fwE=3.22
20260130T181501.0001.fits
SecZ=1.08
Focus=-7.384
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.254 -7.371 -5.528
T123=25.5 26.1 26.3
ALT/AZ=67.2 116.9
fwAVG=2.87
sdW=267.4
fwW=2.12
sdS=1243.5
fwS=2.91
0 0 0 0 0 0 0 0 0

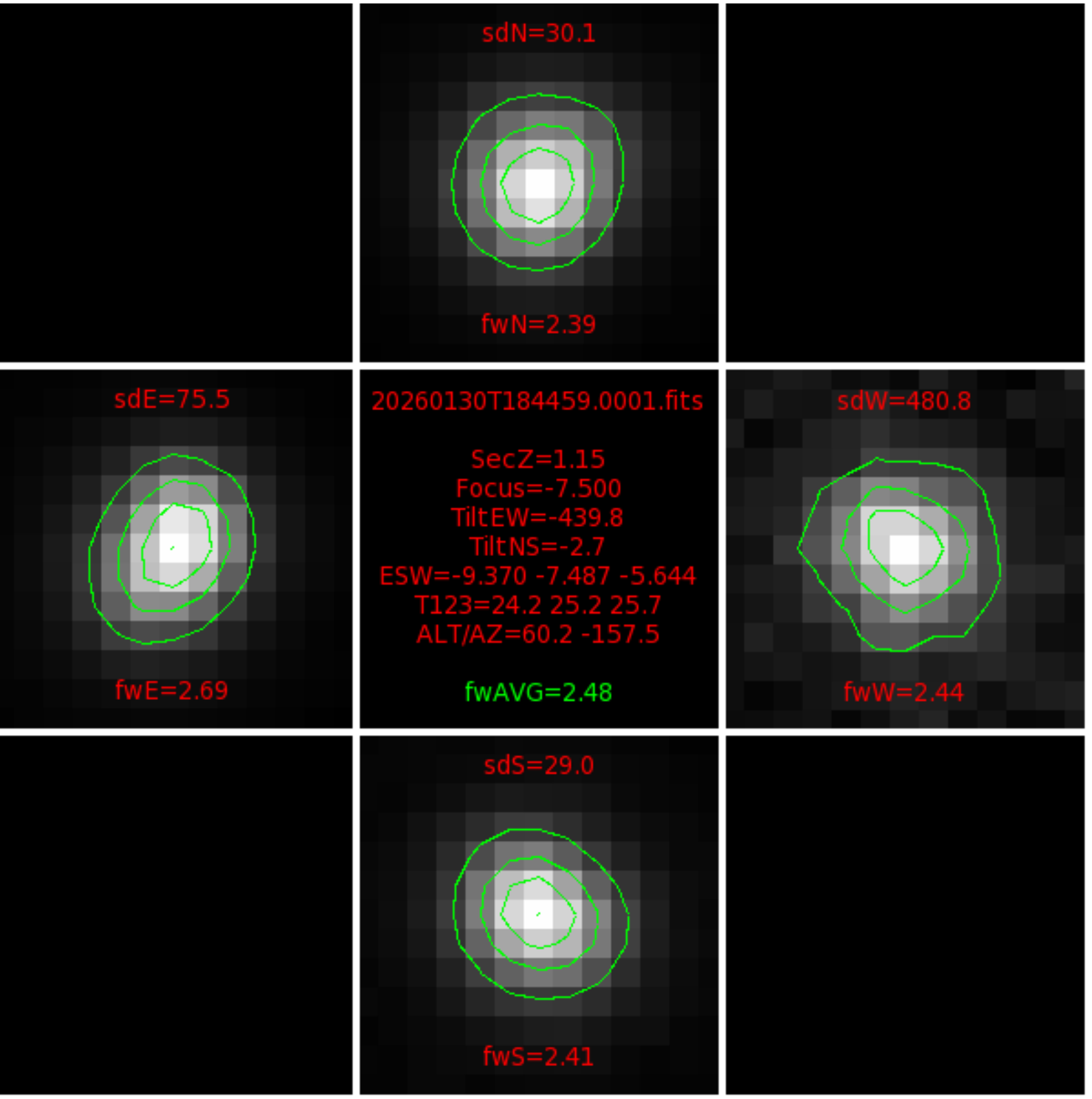

sdN=438.1
fwN=2.25
sdE=434.4
fwE=2.60
20260130T181717.0001.fits
SecZ=1.08
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=25.4 26.0 26.3
ALT/AZ=67.6 117.8
fwAVG=2.23
sdW=306.2
fwW=2.05
sdS=1429.1
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=469.0
fwN=2.10
sdE=452.5
fwE=2.25
20260130T181841.0001.fits
SecZ=1.08
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=25.3 26.0 26.3
ALT/AZ=67.9 118.3
fwAVG=1.93
sdW=341.0
fwW=1.68
sdS=1538.7
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=679.5
fwN=2.25
sdE=660.0
fwE=2.22
20260130T182023.0001.fits
SecZ=1.08
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=25.3 26.0 26.1
ALT/AZ=68.2 119.0
sdW=485.5
fwW=0.00
sdS=2300.0
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=485.3
fwN=2.02
sdE=467.9
fwE=2.36
20260130T182052.0001.fits
SecZ=1.08
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=25.3 25.9 26.1
ALT/AZ=68.3 119.1
fwAVG=1.90
sdW=336.7
fwW=1.49
sdS=1577.7
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=173.1
fwN=1.97
sdE=152.0
fwE=2.17
20260130T184428.0001.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 25.7
ALT/AZ=60.2 -157.7
fwAVG=1.81
sdW=268.7
fwW=1.46
sdS=879.3
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=30.1
fwN=2.39
sdE=75.5
fwE=2.69
20260130T184459.0001.fits
SecZ=1.15
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.2 25.2 25.7
ALT/AZ=60.2 -157.5
fwAVG=2.48
sdW=480.8
fwW=2.44
sdS=29.0
fwS=2.41
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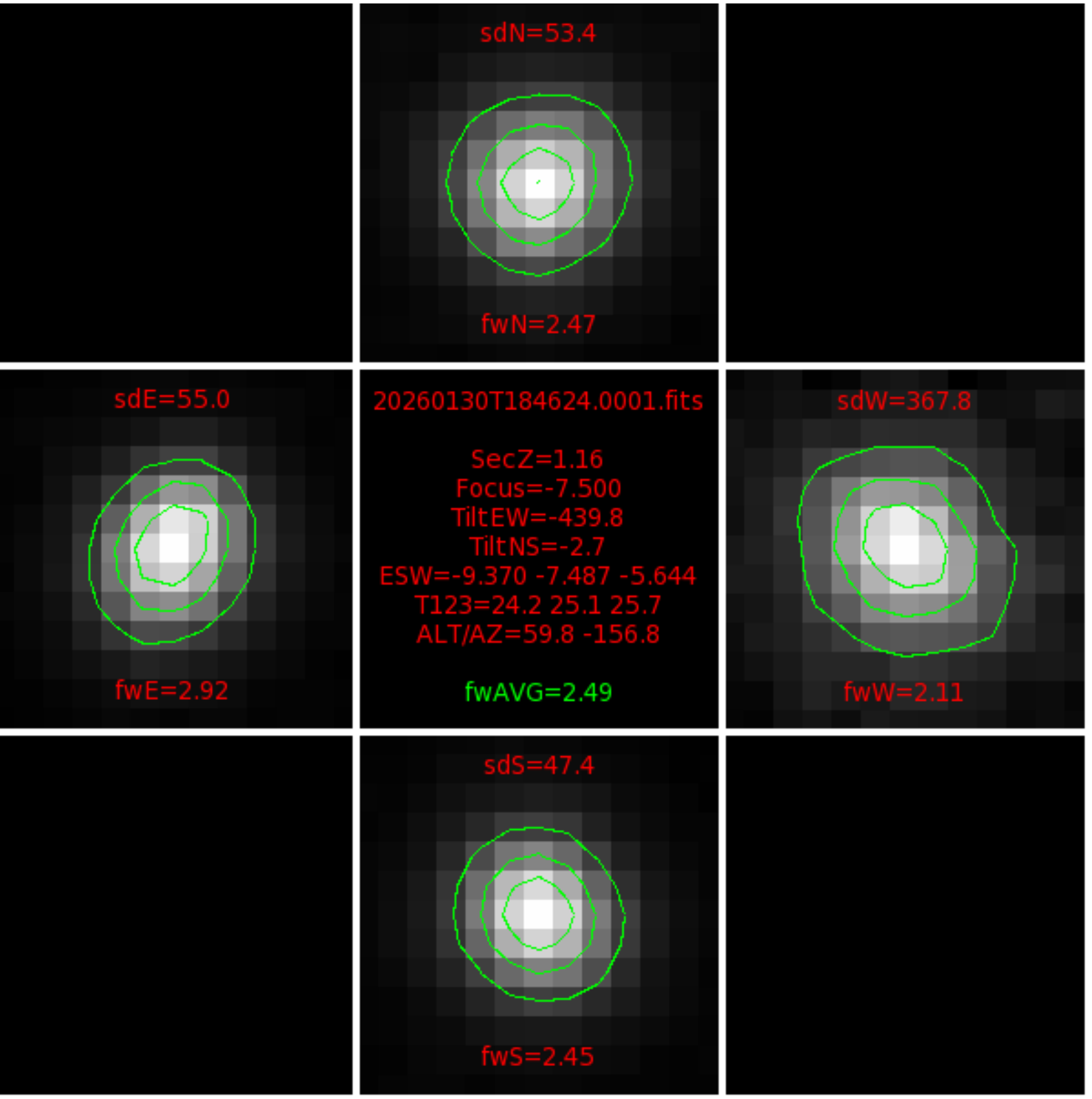
sdN=53.4
fwN=2.47
sdE=55.0
fwE=2.92
20260130T184624.0001.fits
SecZ=1.16
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.2 25.1 25.7
ALT/AZ=59.8 -156.8
fwAVG=2.49
sdW=367.8
fwW=2.11
sdS=47.4
fwS=2.45
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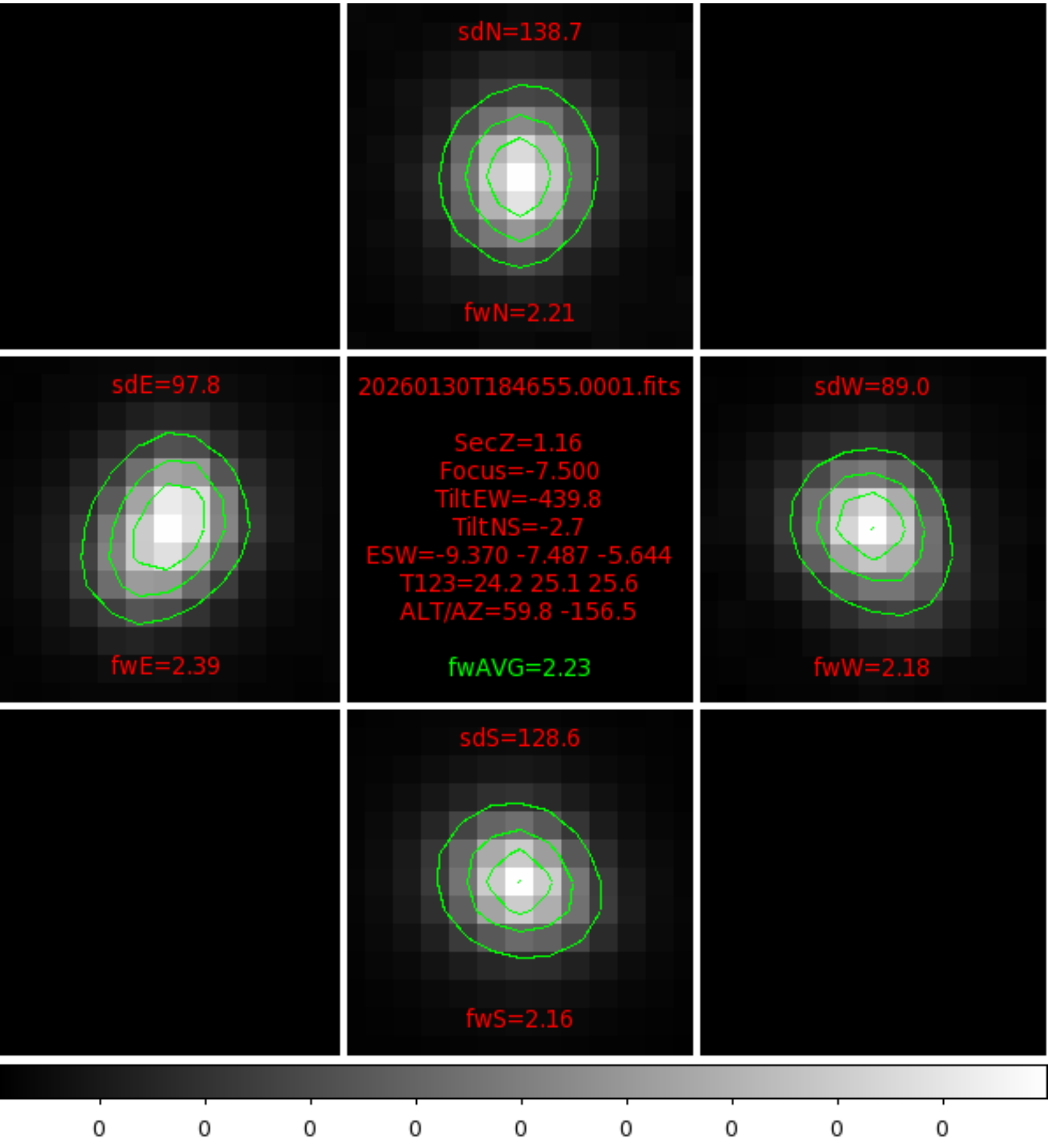
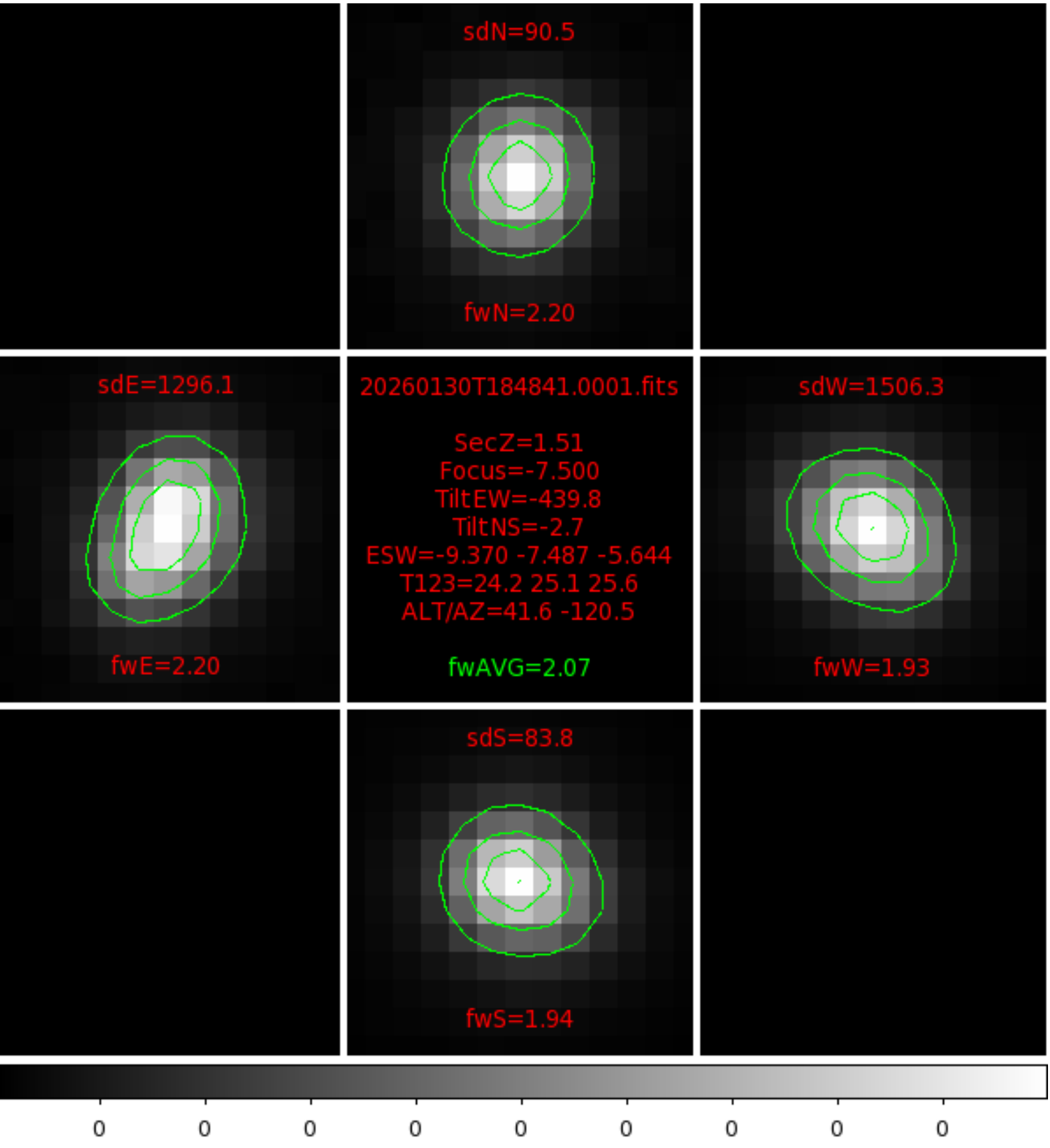

sdN=138.7
fwN=2.21
sdE=97.8
fwE=2.39
20260130T184655.0001.fits
SecZ=1.16
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.2 25.1 25.6
ALT/AZ=59.8 -156.5
fwAVG=2.23
sdW=89.0
fwW=2.18
sdS=128.6
fwS=2.16
0 0 0 0 0 0 0 0 0


sdN=90.5
fwN=2.20
sdE=1296.1
fwE=2.20
20260130T184841.0001.fits
SecZ=1.51
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.2 25.1 25.6
ALT/AZ=41.6 -120.5
fwAVG=2.07
sdW=1506.3
fwW=1.93
sdS=83.8
fwS=1.94
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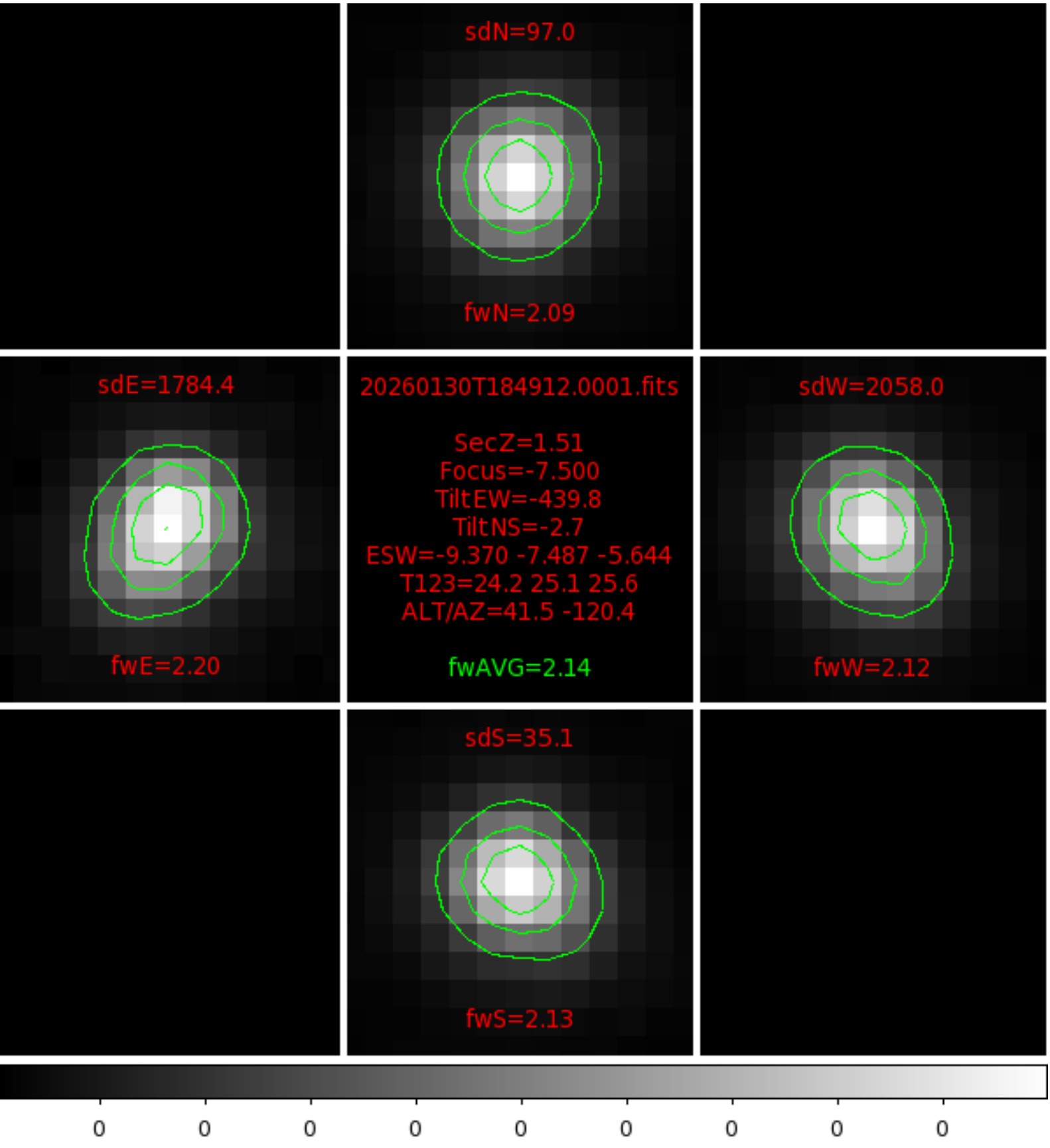
sdN=97.0
fwN=2.09
sdE=1784.4
fwE=2.20
20260130T184912.0001.fits
SecZ=1.51
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.2 25.1 25.6
ALT/AZ=41.5 -120.4
fwAVG=2.14
sdW=2058.0
fwW=2.12
sdS=35.1
fwS=2.13
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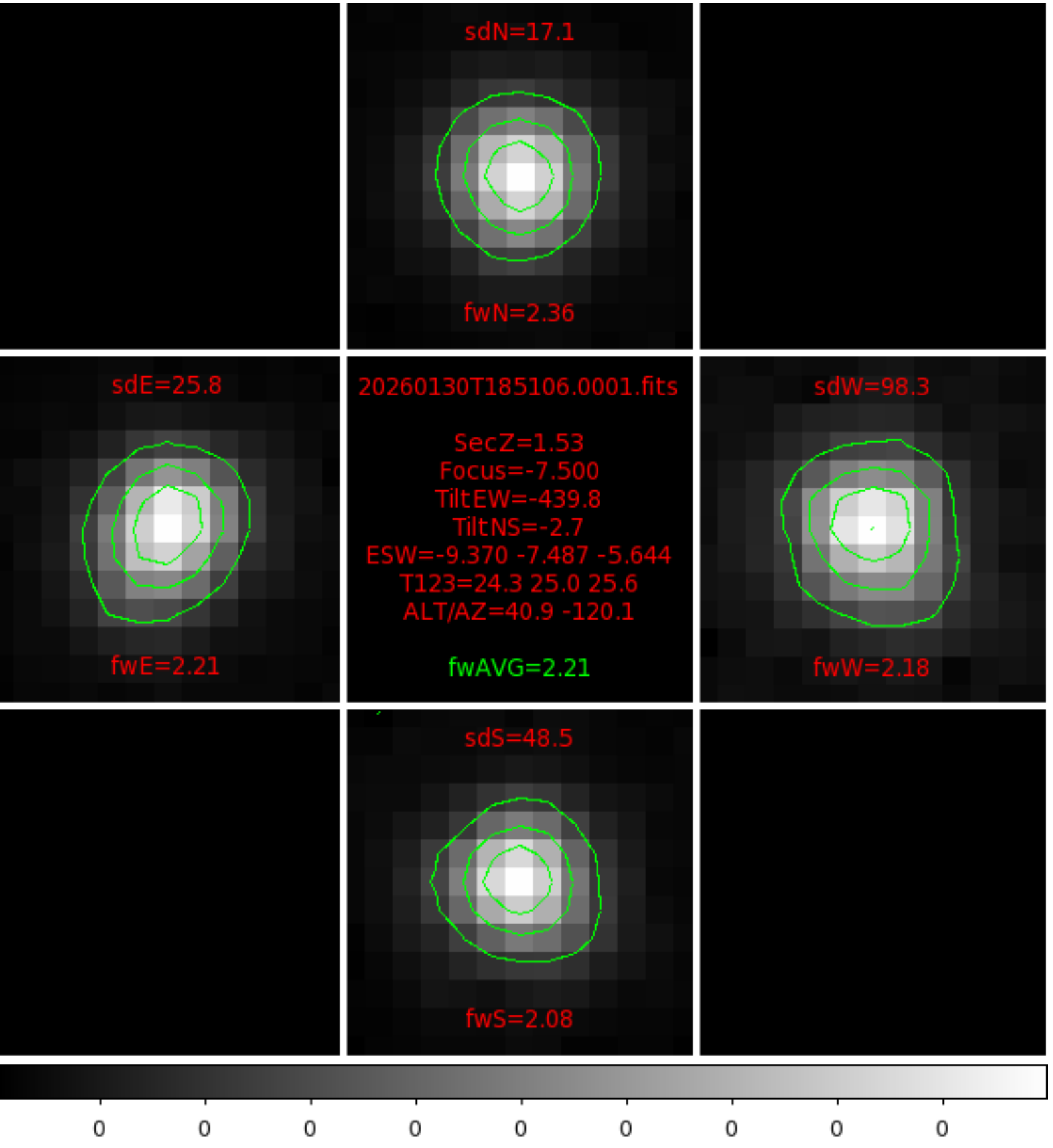
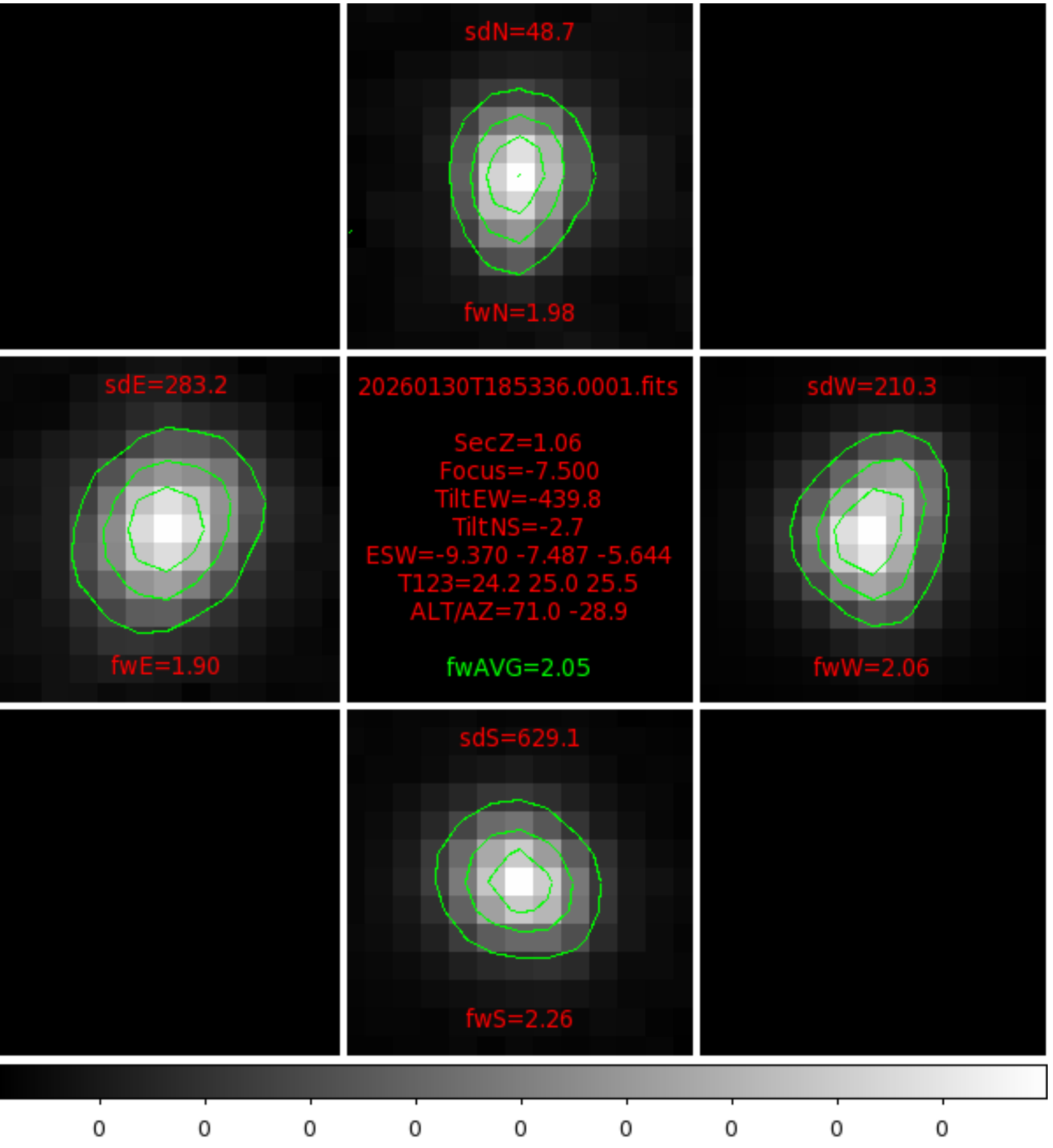

sdN=17.1
fwN=2.36
sdE=25.8
fwE=2.21
20260130T185106.0001.fits
SecZ=1.53
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.3 25.0 25.6
ALT/AZ=40.9 -120.1
fwAVG=2.21
sdW=98.3
fwW=2.18
sdS=48.5
fwS=2.08
0 0 0 0 0 0 0 0 0


sdN=48.7
fwN=1.98
sdE=283.2
fwE=1.90
20260130T185336.0001.fits
SecZ=1.06
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.2 25.0 25.5
ALT/AZ=71.0 -28.9
fwAVG=2.05
sdW=210.3
fwW=2.06
sdS=629.1
fwS=2.26
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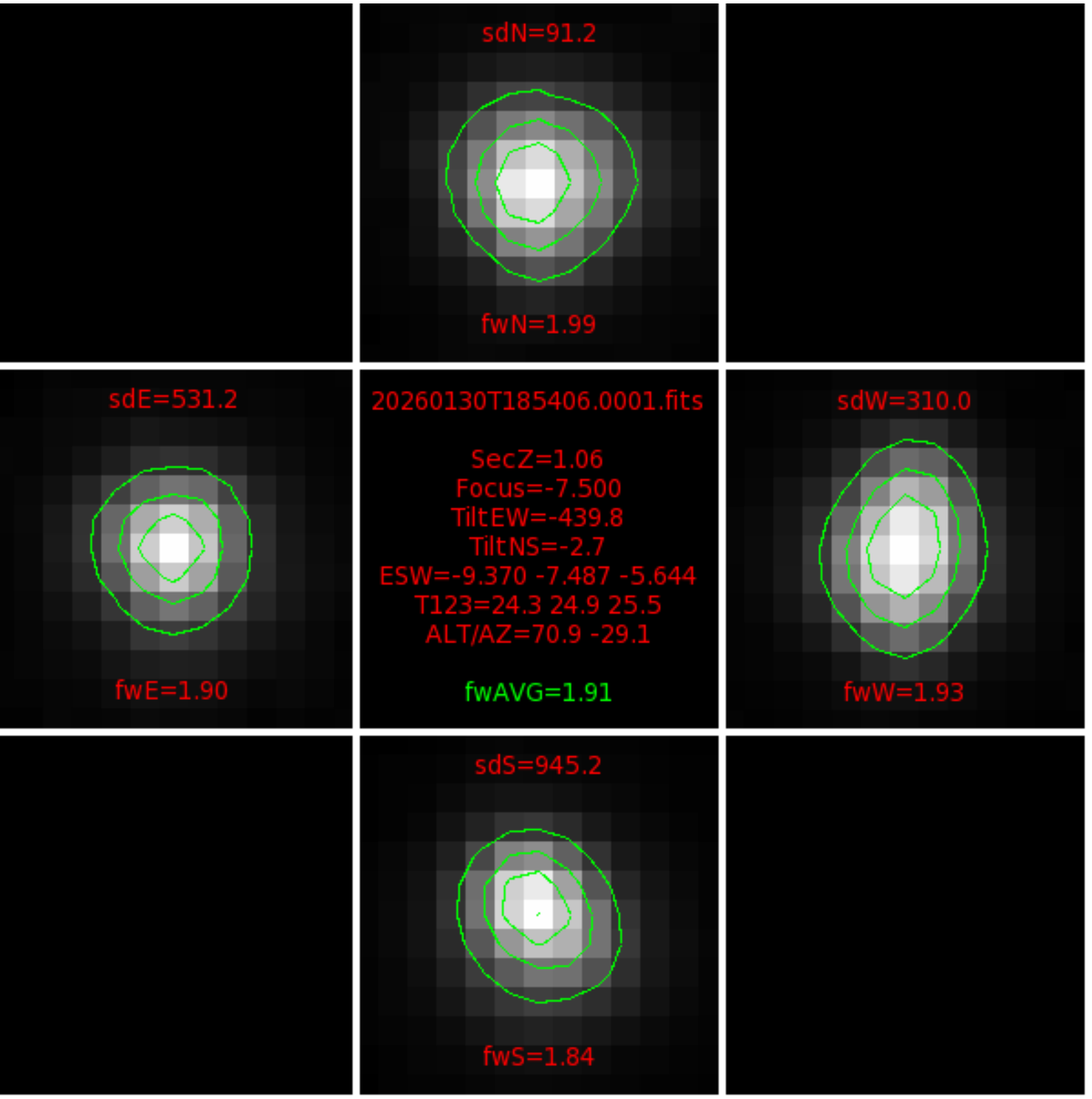
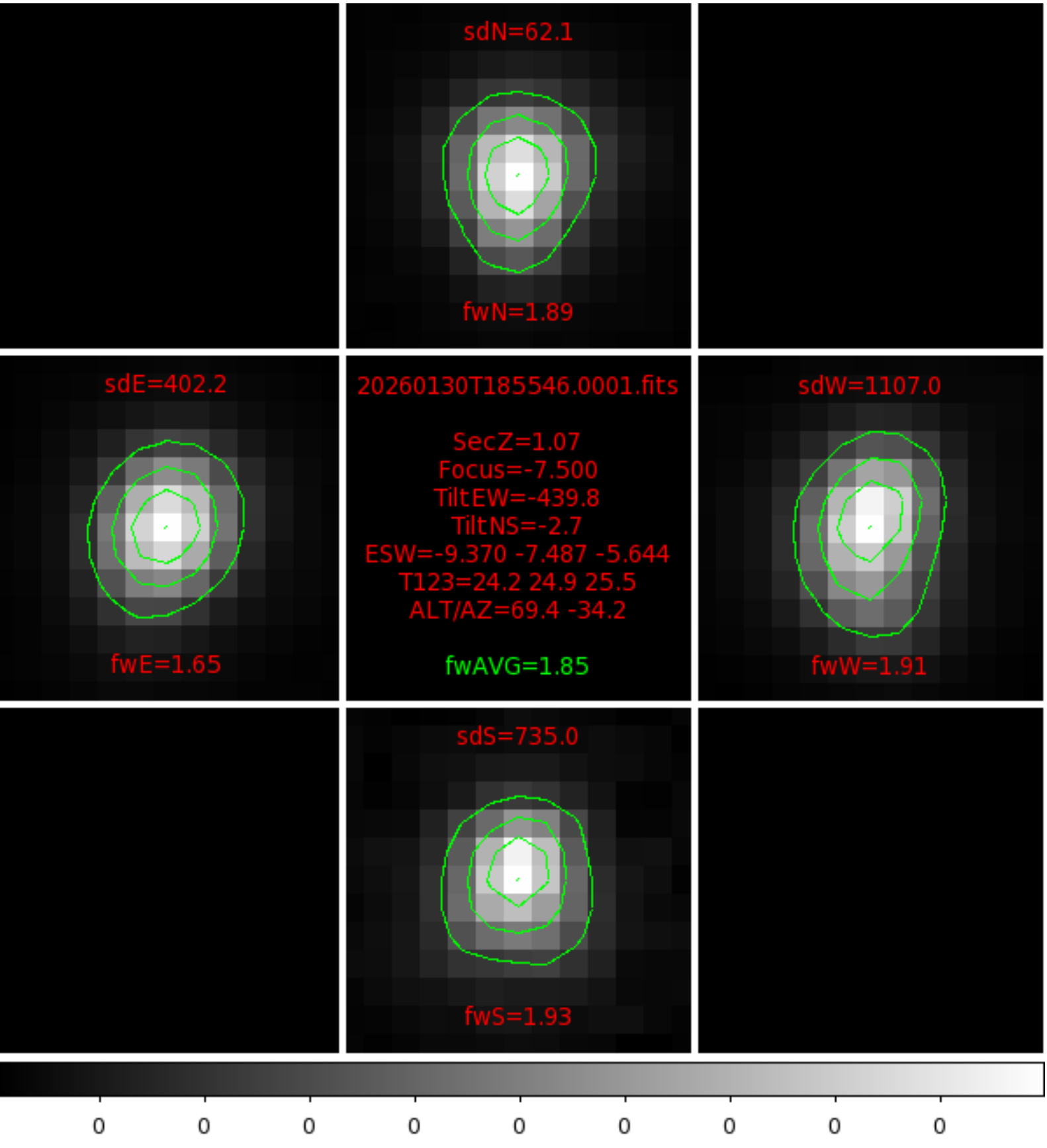

sdN=91.2
fwN=1.99
sdE=531.2
fwE=1.90
20260130T185406.0001.fits
SecZ=1.06
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.3 24.9 25.5
ALT/AZ=70.9 -29.1
fwAVG=1.91
sdW=310.0
fwW=1.93
sdS=945.2
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=62.1
fwN=1.89
sdE=402.2
fwE=1.65
20260130T185546.0001.fits
SecZ=1.07
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.2 24.9 25.5
ALT/AZ=69.4 -34.2
fwAVG=1.85
sdW=1107.0
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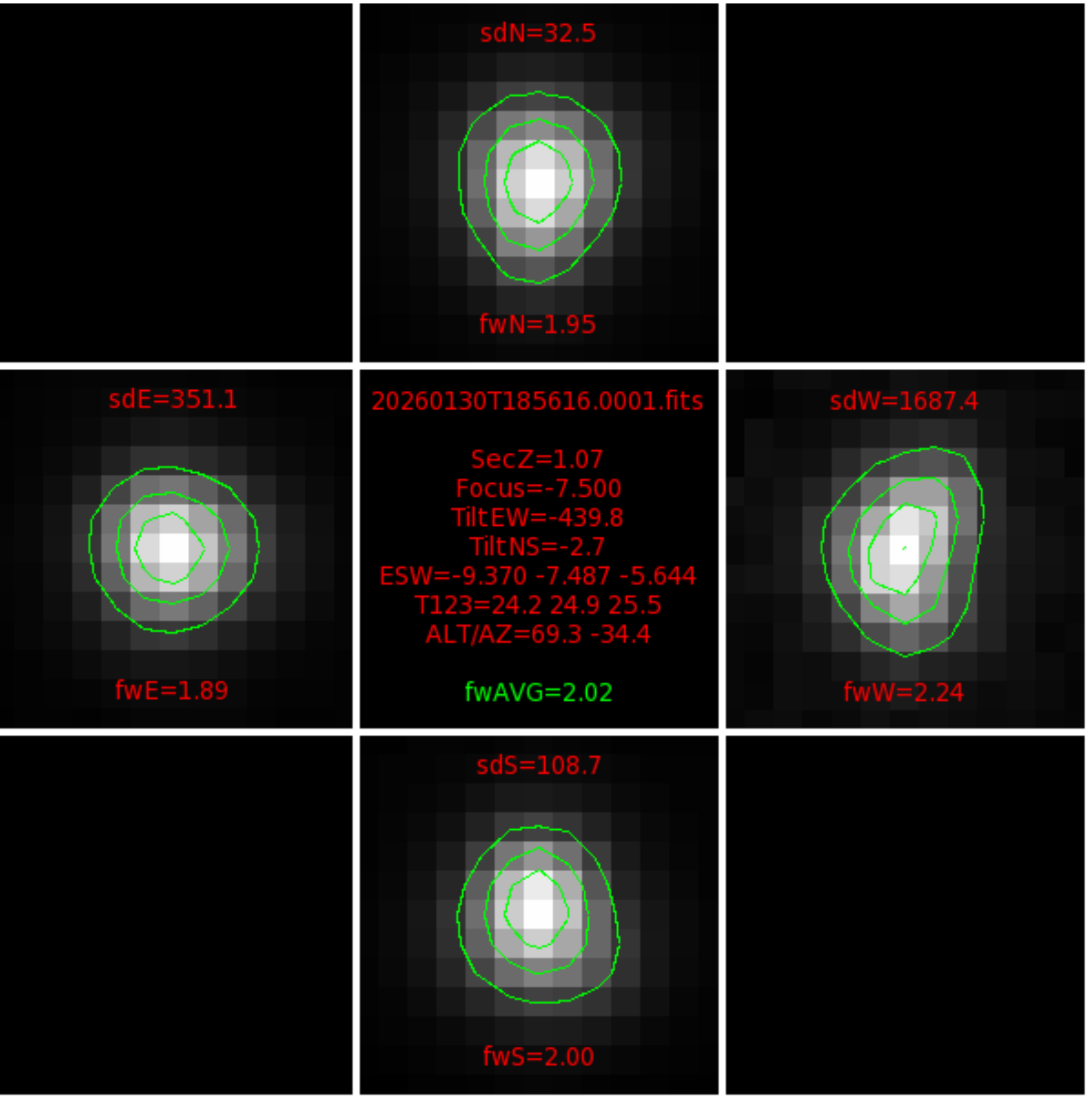
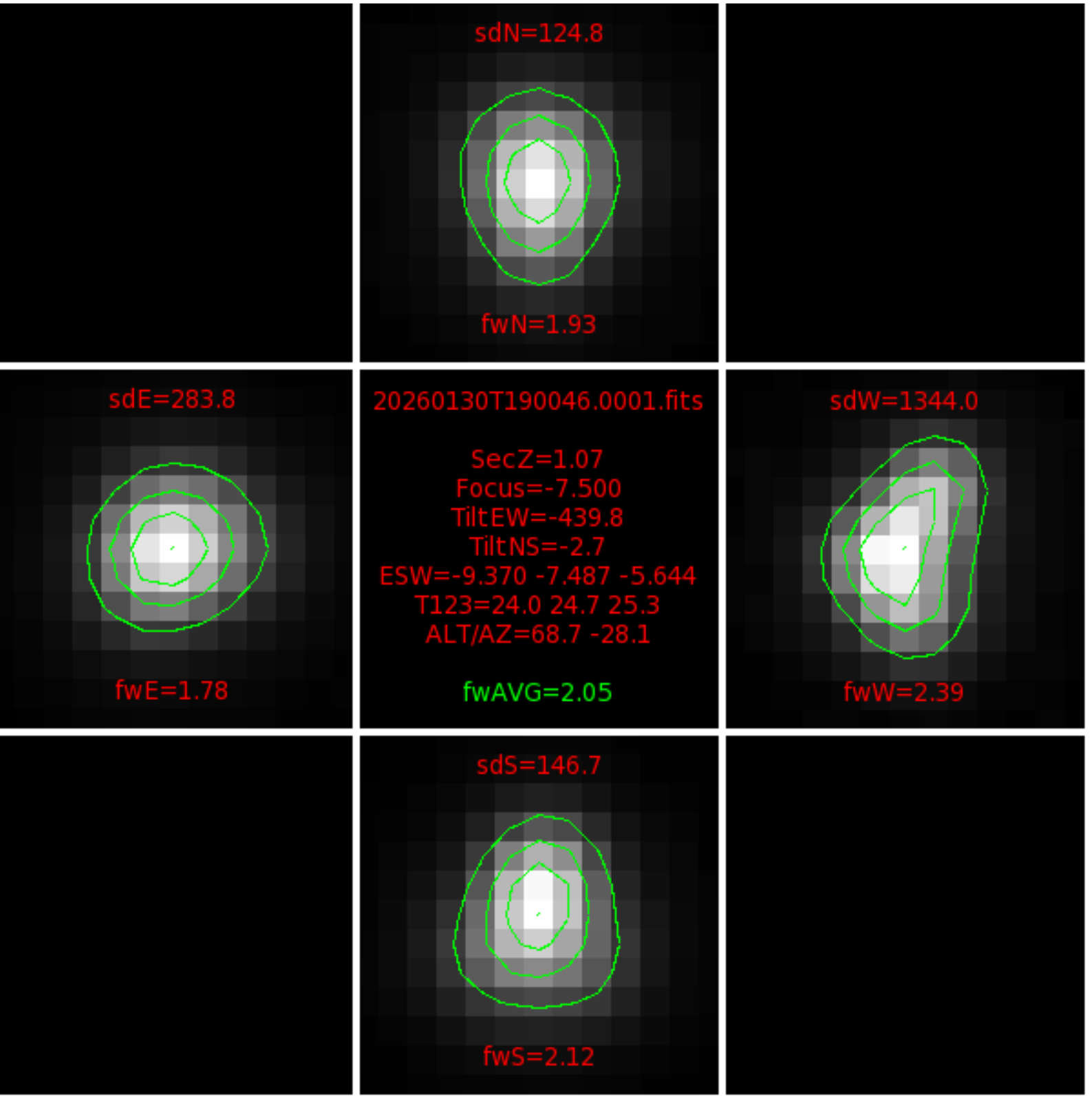
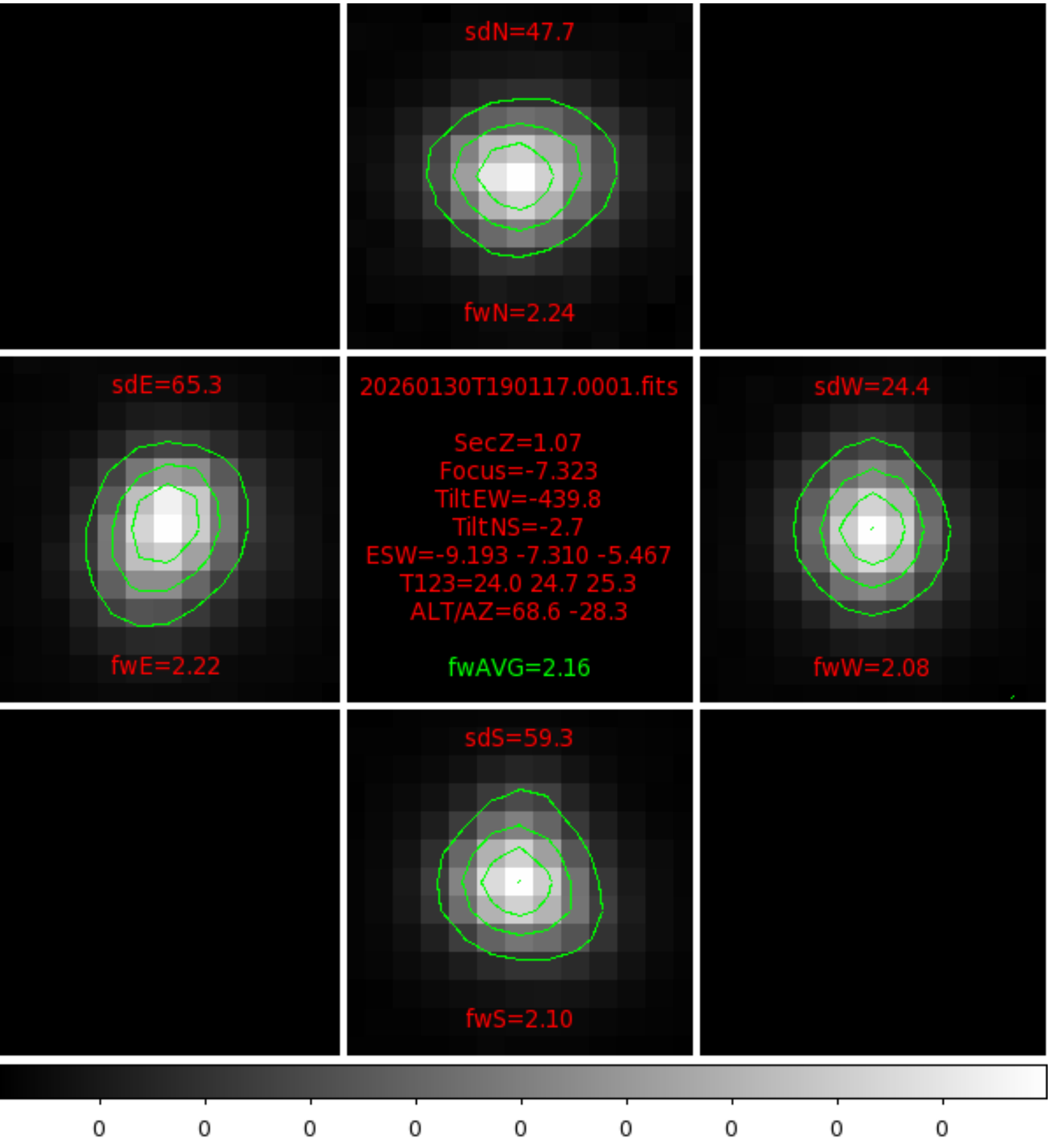
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=32.5
fwN=1.95
sdE=351.1
fwE=1.89
20260130T185616.0001.fits
SecZ=1.07
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.2 24.9 25.5
ALT/AZ=69.3 -34.4
fwAVG=2.02
sdW=1687.4
fwW=2.24
sdS=108.7
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=124.8
fwN=1.93
sdE=283.8
fwE=1.78
20260130T190046.0001.fits
SecZ=1.07
Focus=-7.500
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.370 -7.487 -5.644
T123=24.0 24.7 25.3
ALT/AZ=68.7 -28.1
fwAVG=2.05
sdW=1344.0
fwW=2.39
sdS=146.7
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=47.7
fwN=2.24
sdE=65.3
fwE=2.22
20260130T190117.0001.fits
SecZ=1.07
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=24.0 24.7 25.3
ALT/AZ=68.6 -28.3
fwAVG=2.16
sdW=24.4
fwW=2.08
sdS=59.3
fwS=2.10
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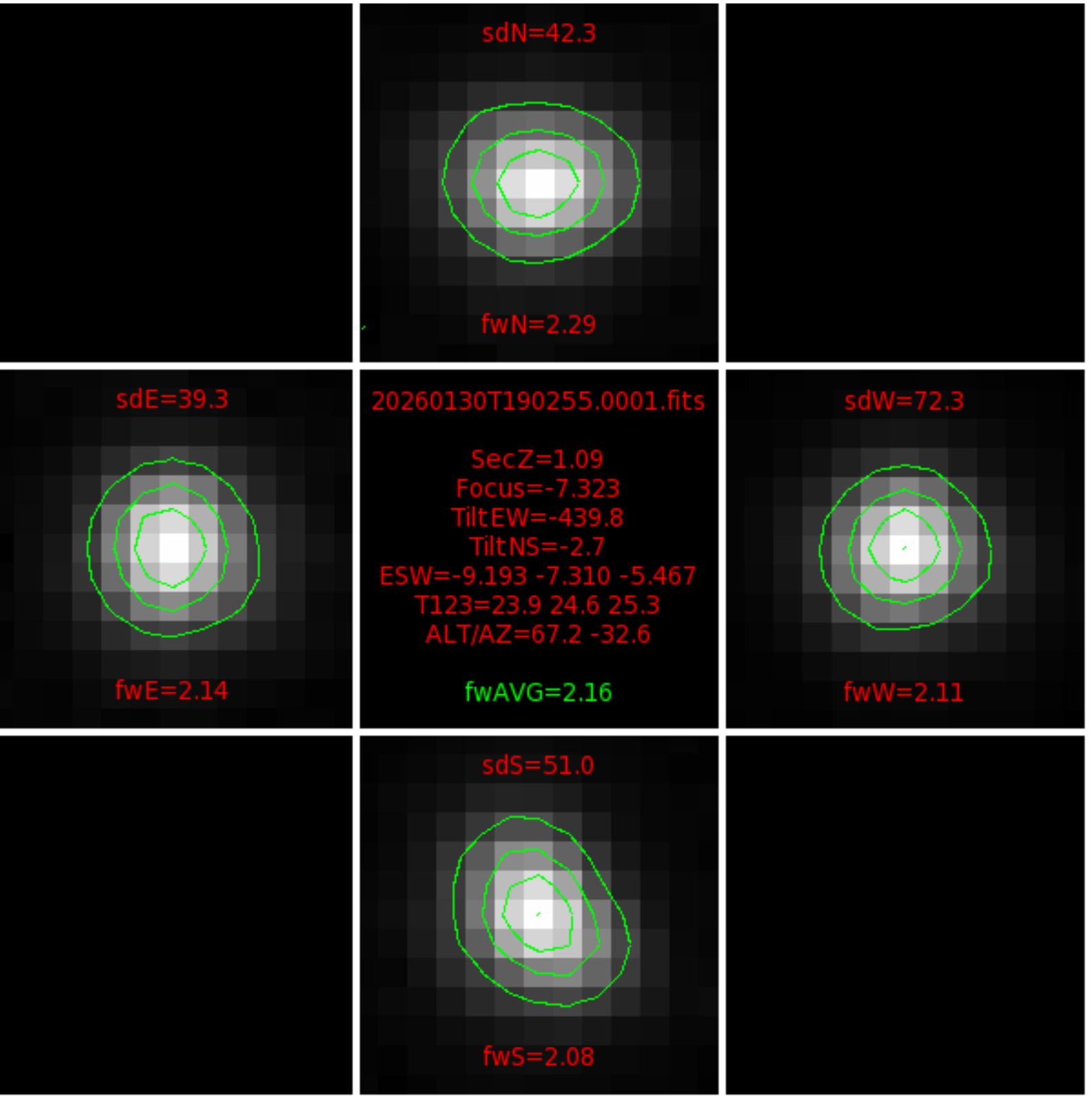
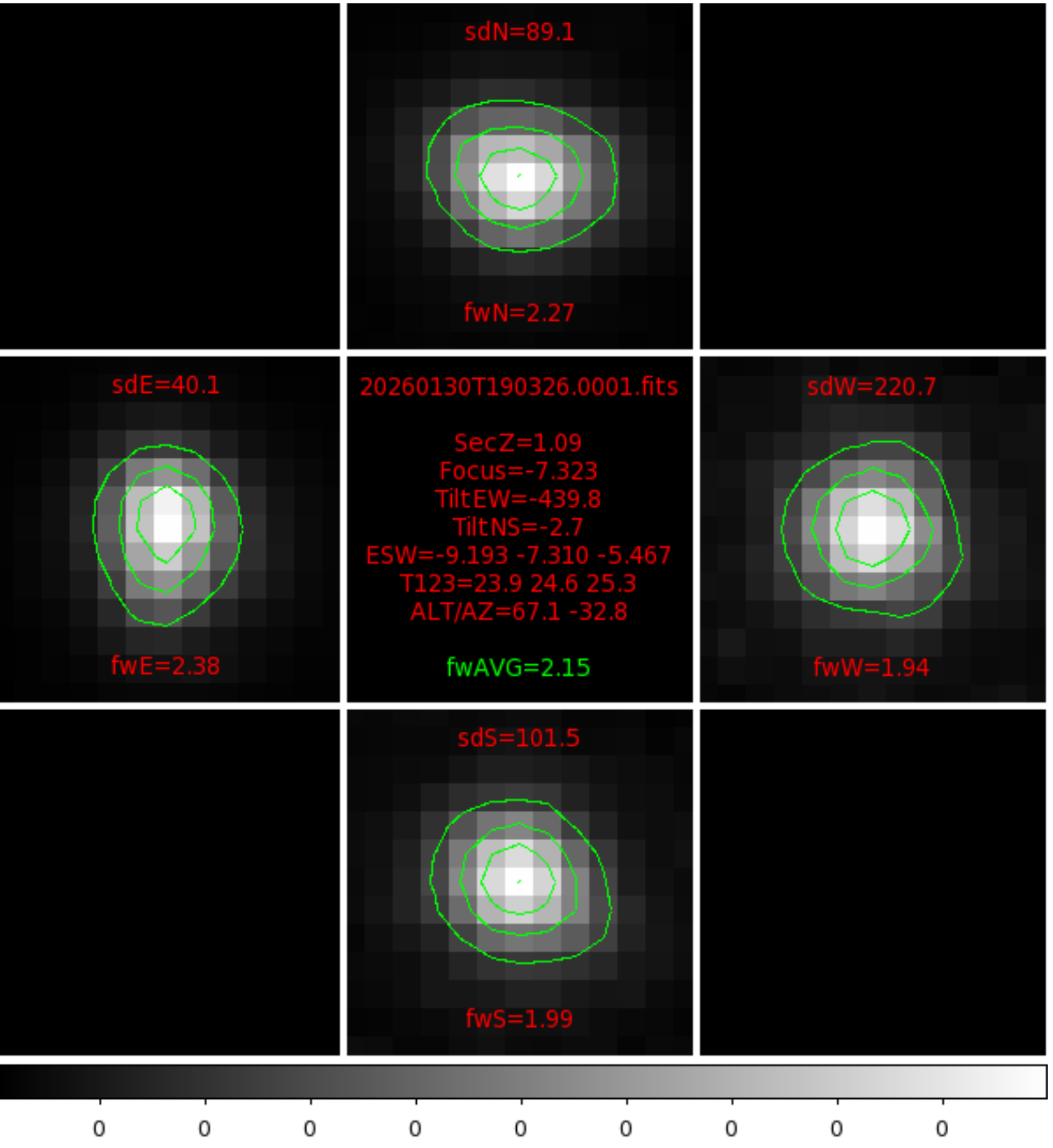

sdN=42.3
fwN=2.29
sdE=39.3
fwE=2.14
20260130T190255.0001.fits
SecZ=1.09
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.9 24.6 25.3
ALT/AZ=67.2 -32.6
fwAVG=2.16
sdW=72.3
fwW=2.11
sdS=51.0
fwS=2.08
0 0 0 0 0 0 0 0 0


sdN=89.1
fwN=2.27
sdE=40.1
fwE=2.38
20260130T190326.0001.fits
SecZ=1.09
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.9 24.6 25.3
ALT/AZ=67.1 -32.8
fwAVG=2.15
sdW=220.7
fwW=1.94
sdS=101.5
fwS=1.99
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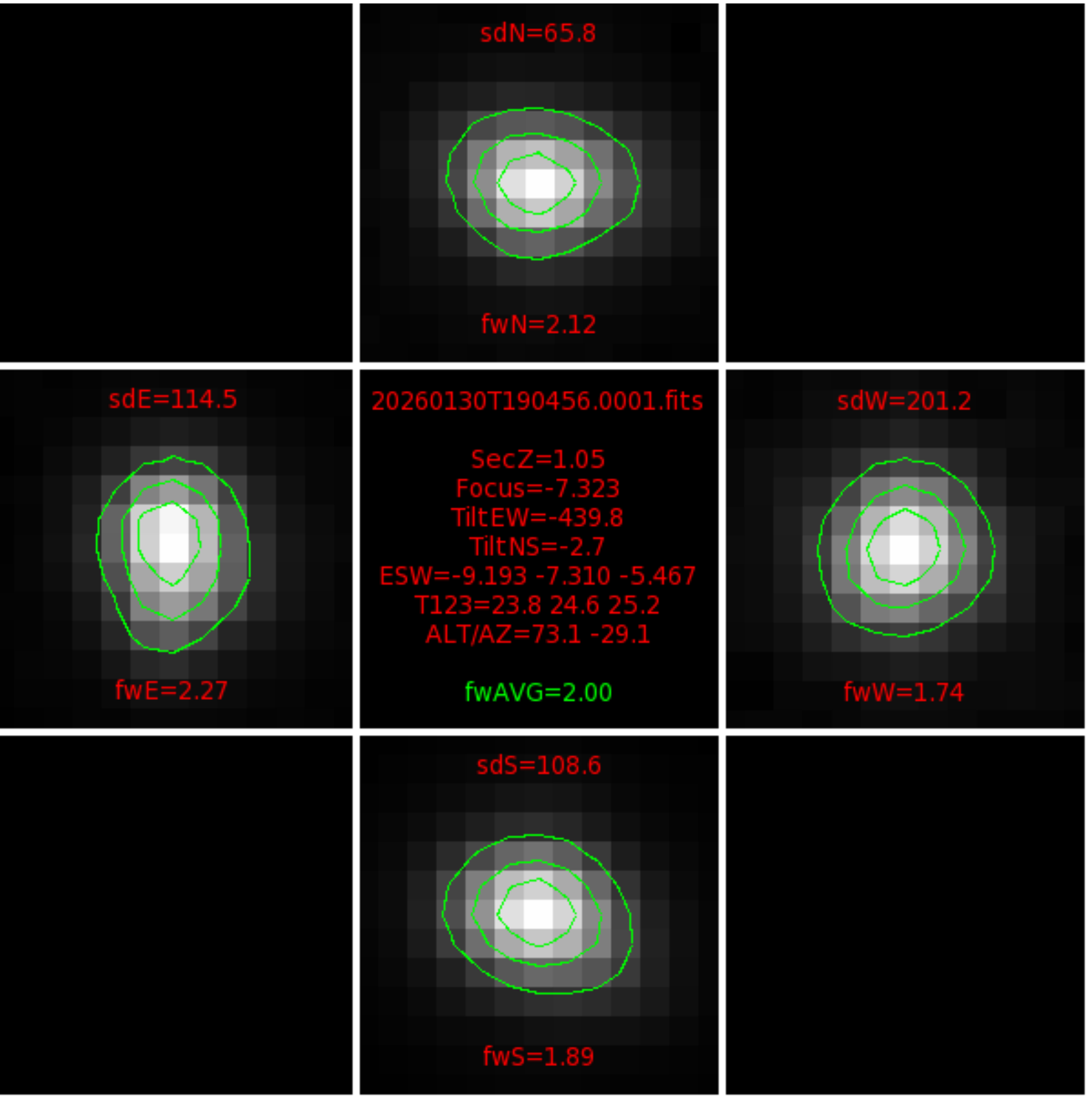
sdN=65.8
fwN=2.12
sdE=114.5
fwE=2.27
20260130T190456.0001.fits
SecZ=1.05
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.8 24.6 25.2
ALT/AZ=73.1 -29.1
fwAVG=2.00
sdW=201.2
fwW=1.74
sdS=108.6
fwS=1.89
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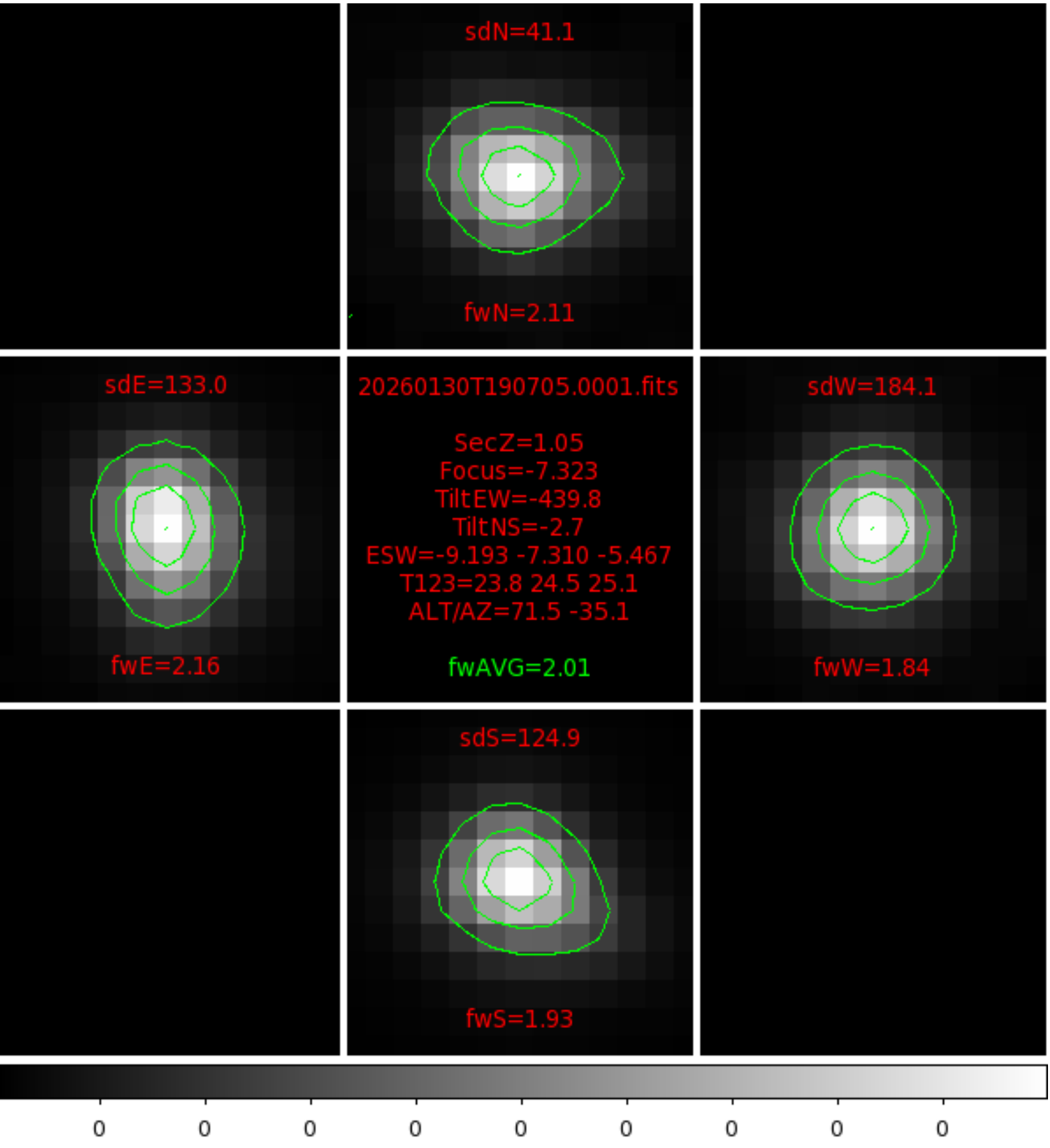
sdN=41.1
fwN=2.11
sdE=133.0
fwE=2.16
20260130T190705.0001.fits
SecZ=1.05
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.8 24.5 25.1
ALT/AZ=71.5 -35.1
fwAVG=2.01
sdW=184.1
fwW=1.84
sdS=124.9
fwS=1.93
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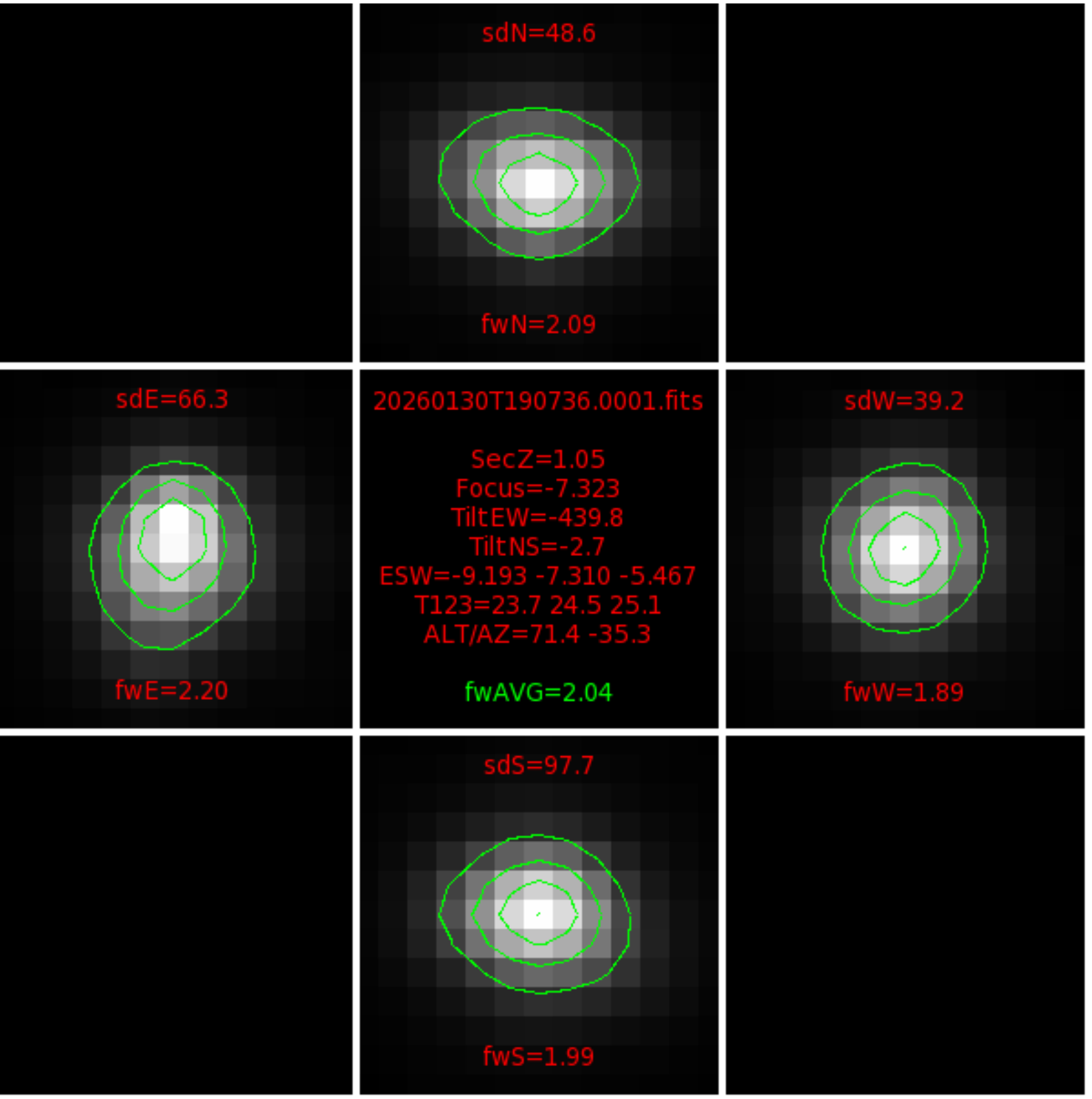
sdN=48.6
fwN=2.09
sdE=66.3
fwE=2.20
20260130T190736.0001.fits
SecZ=1.05
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.7 24.5 25.1
ALT/AZ=71.4 -35.3
fwAVG=2.04
sdW=39.2
fwW=1.89
sdS=97.7
fwS=1.99
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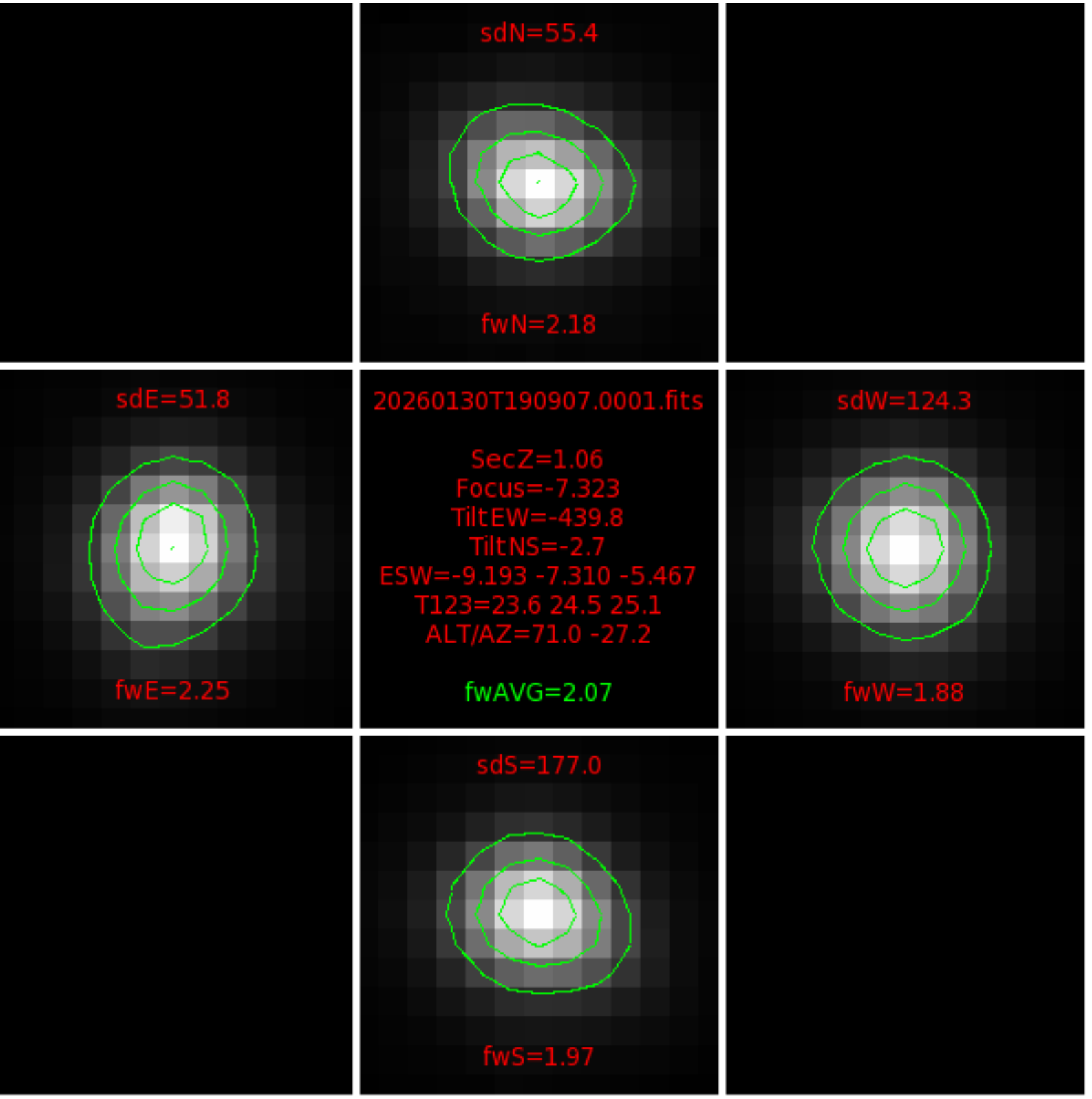
sdN=55.4
fwN=2.18
sdE=51.8
fwE=2.25
20260130T190907.0001.fits
SecZ=1.06
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.6 24.5 25.1
ALT/AZ=71.0 -27.2
fwAVG=2.07
sdW=124.3
fwW=1.88
sdS=177.0
fwS=1.97
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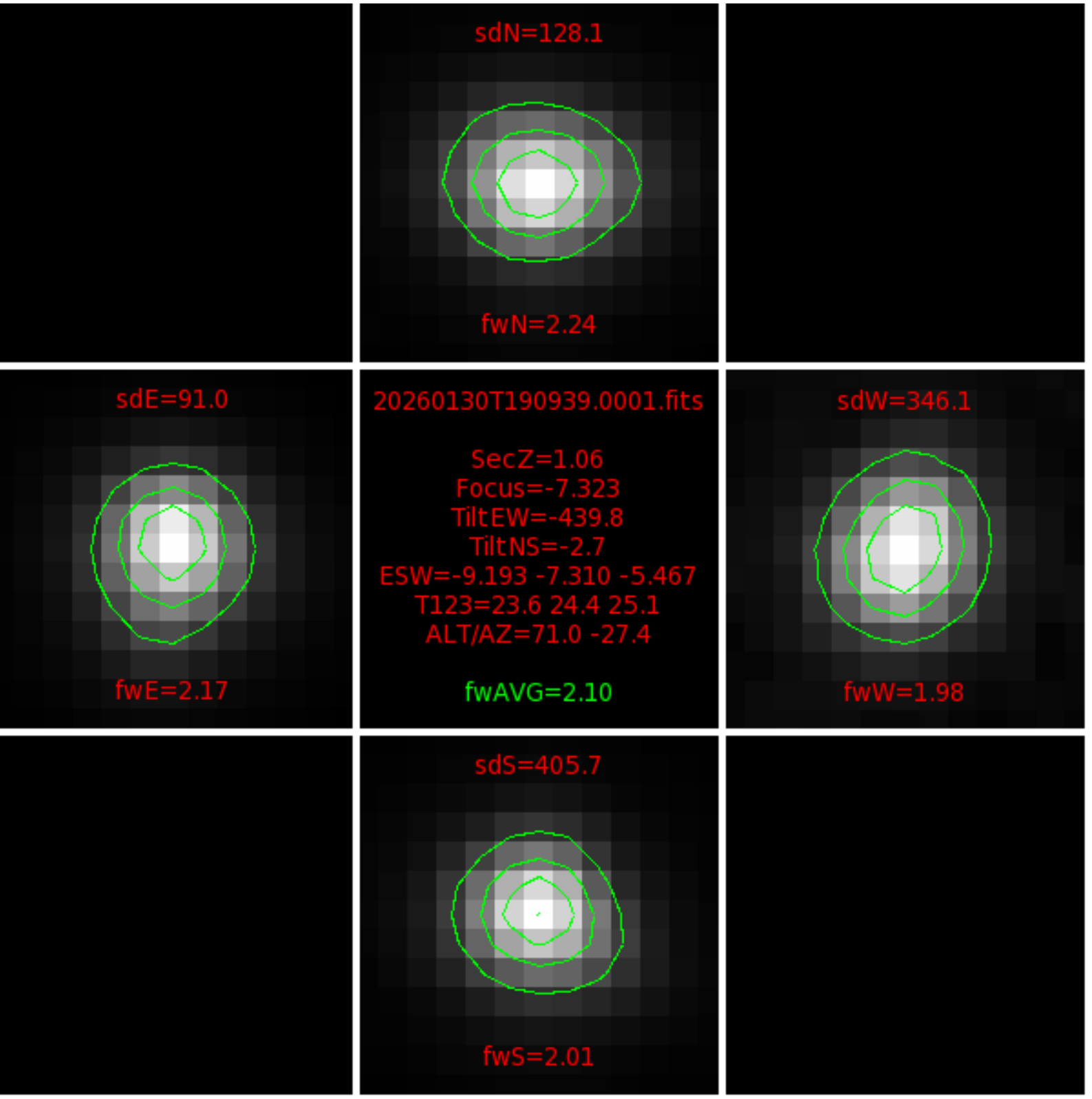
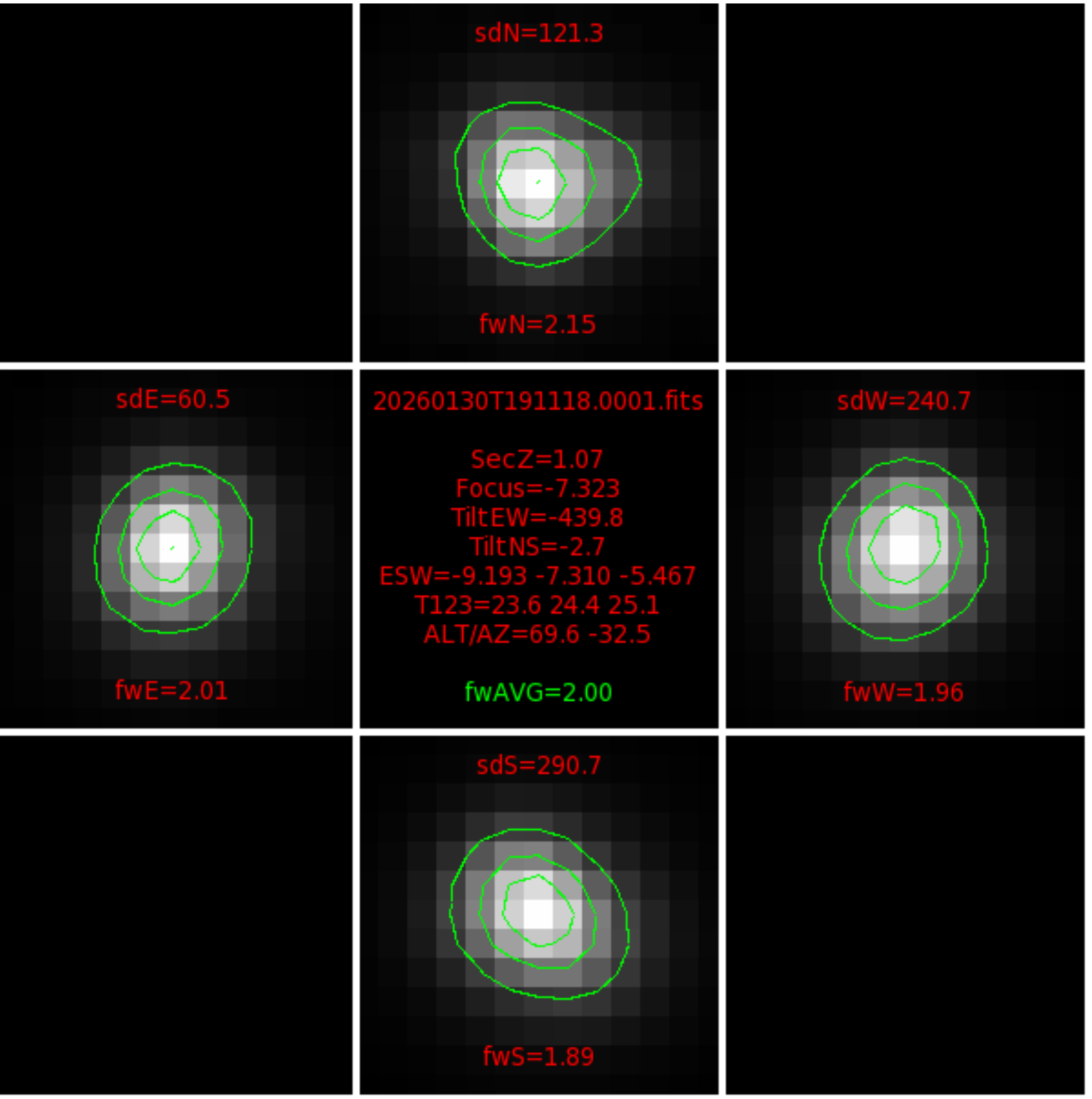

sdN=128.1
fwN=2.24
sdE=91.0
fwE=2.17
20260130T190939.0001.fits
SecZ=1.06
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.6 24.4 25.1
ALT/AZ=71.0 -27.4
fwAVG=2.10
sdW=346.1
fwW=1.98
sdS=405.7
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=121.3
fwN=2.15
sdE=60.5
fwE=2.01
20260130T191118.0001.fits
SecZ=1.07
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.6 24.4 25.1
ALT/AZ=69.6 -32.5
fwAVG=2.00
sdW=240.7
fwW=1.96
sdS=290.7
fwS=1.89
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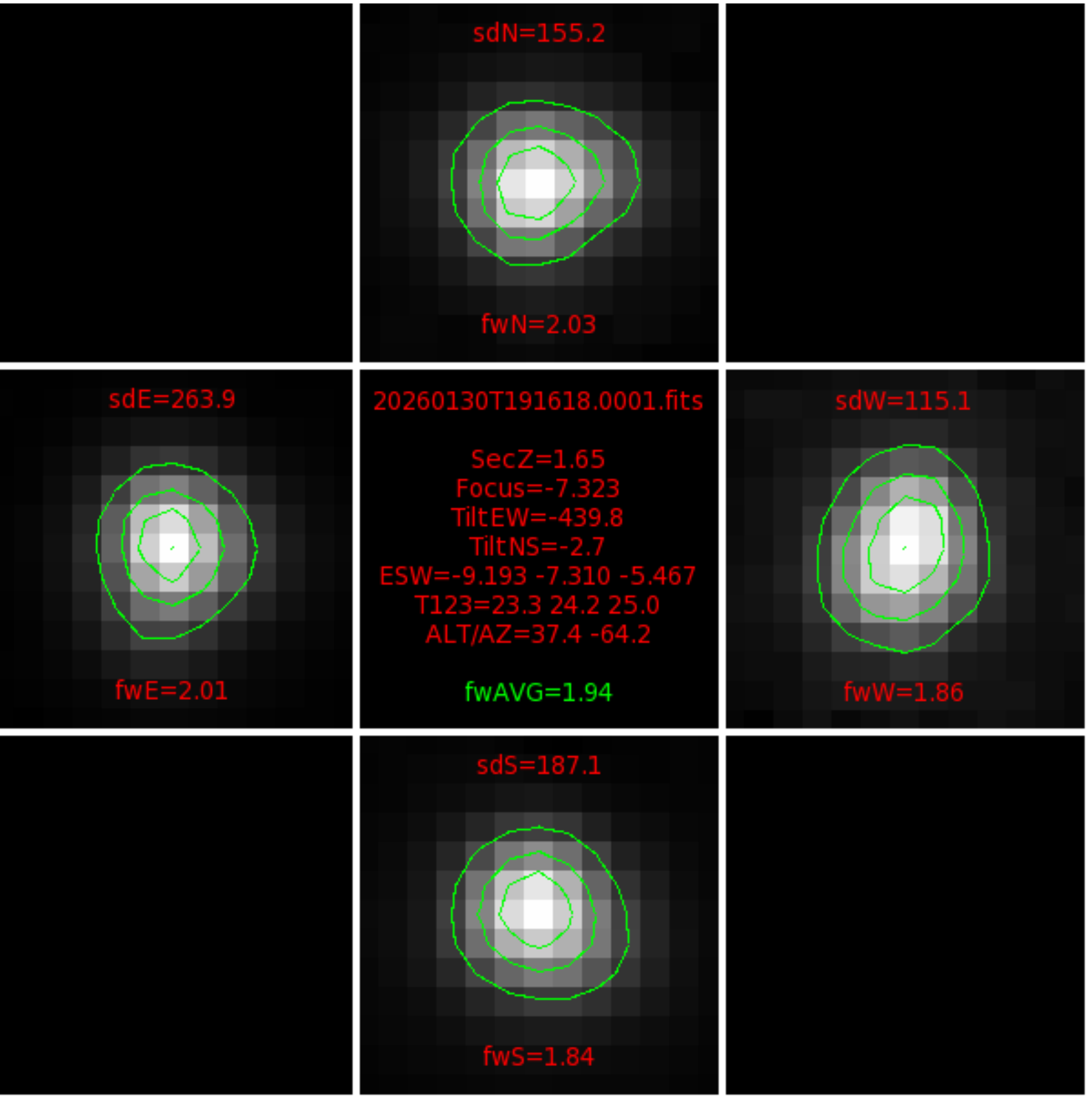
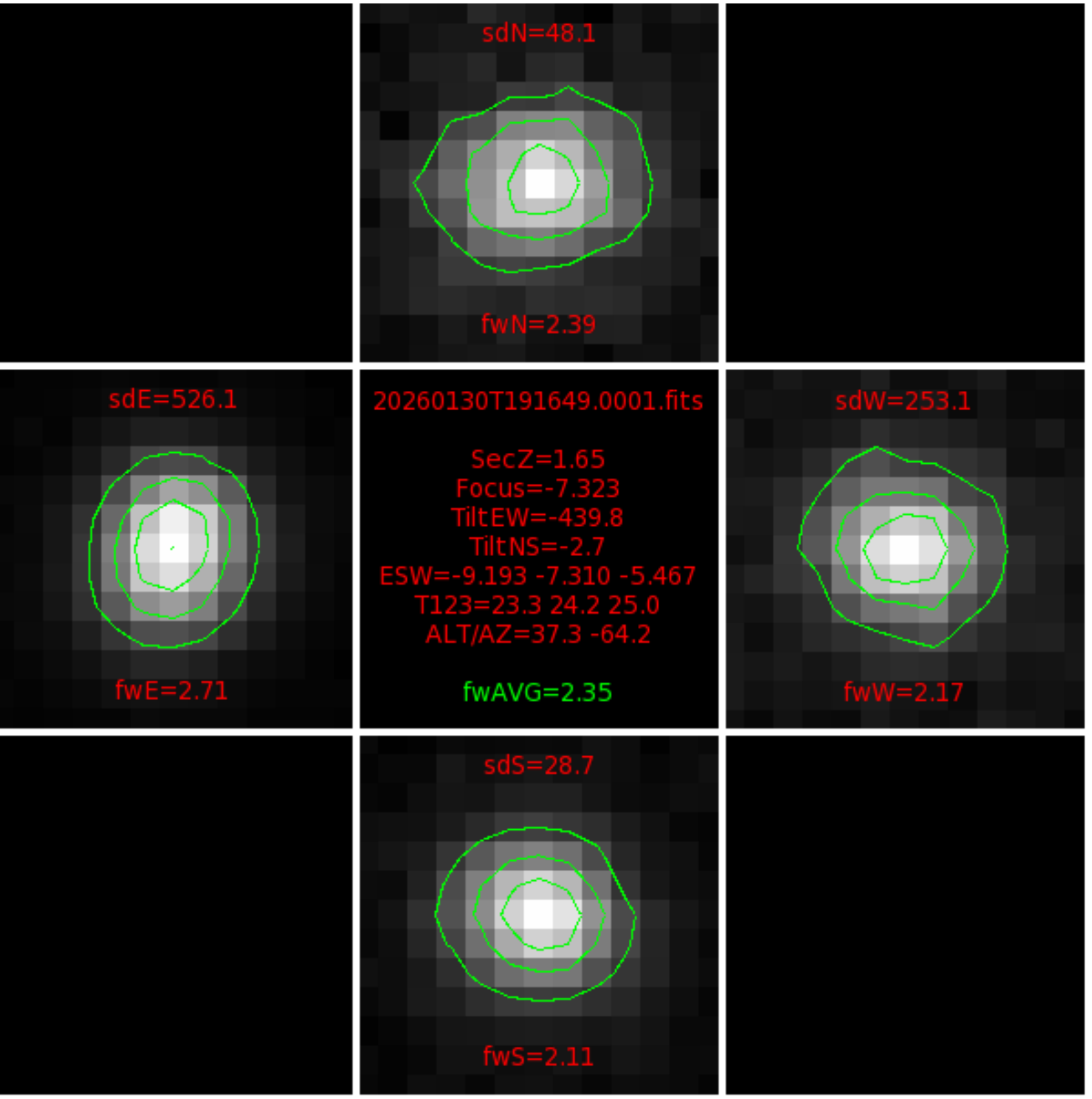
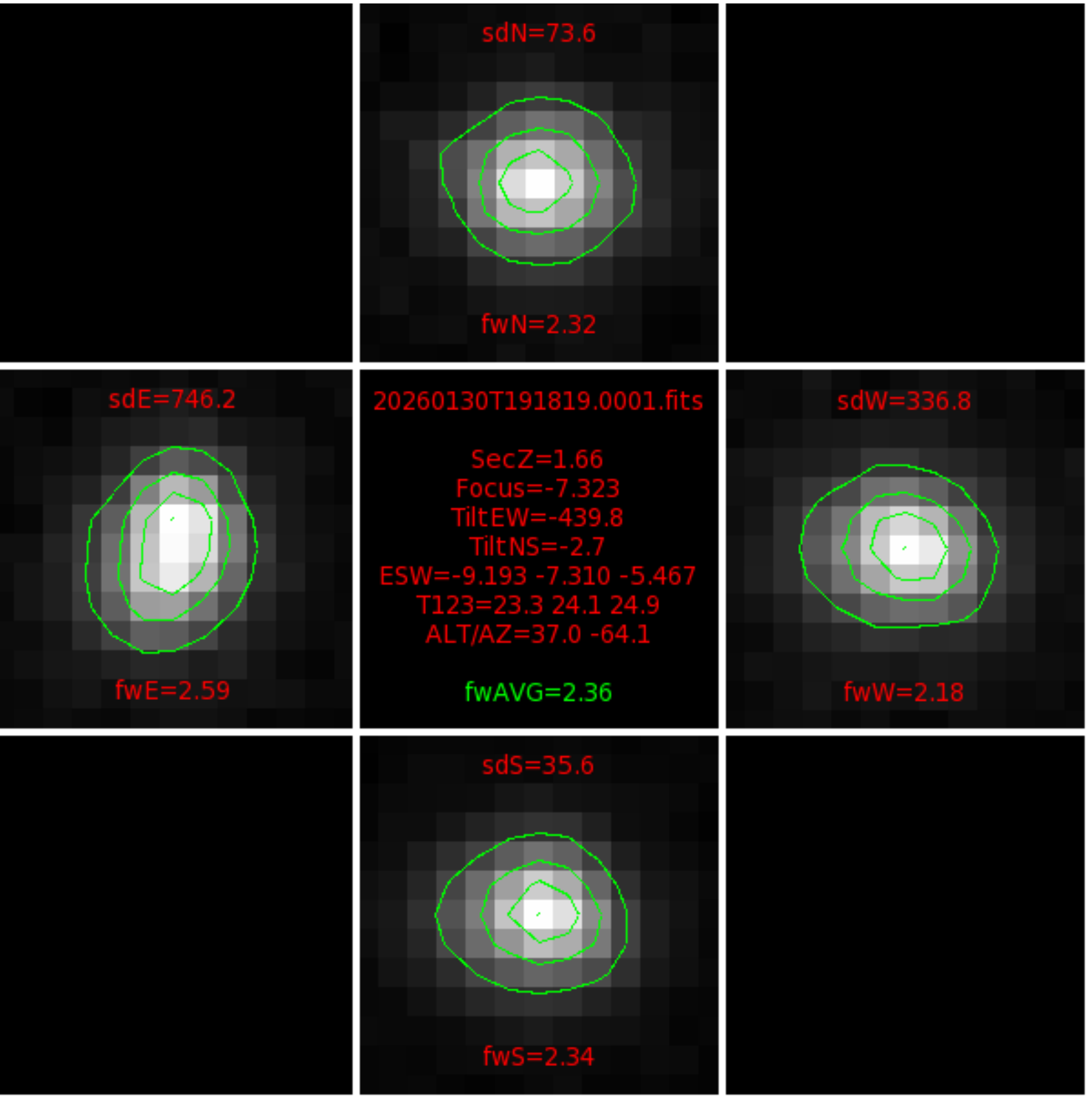
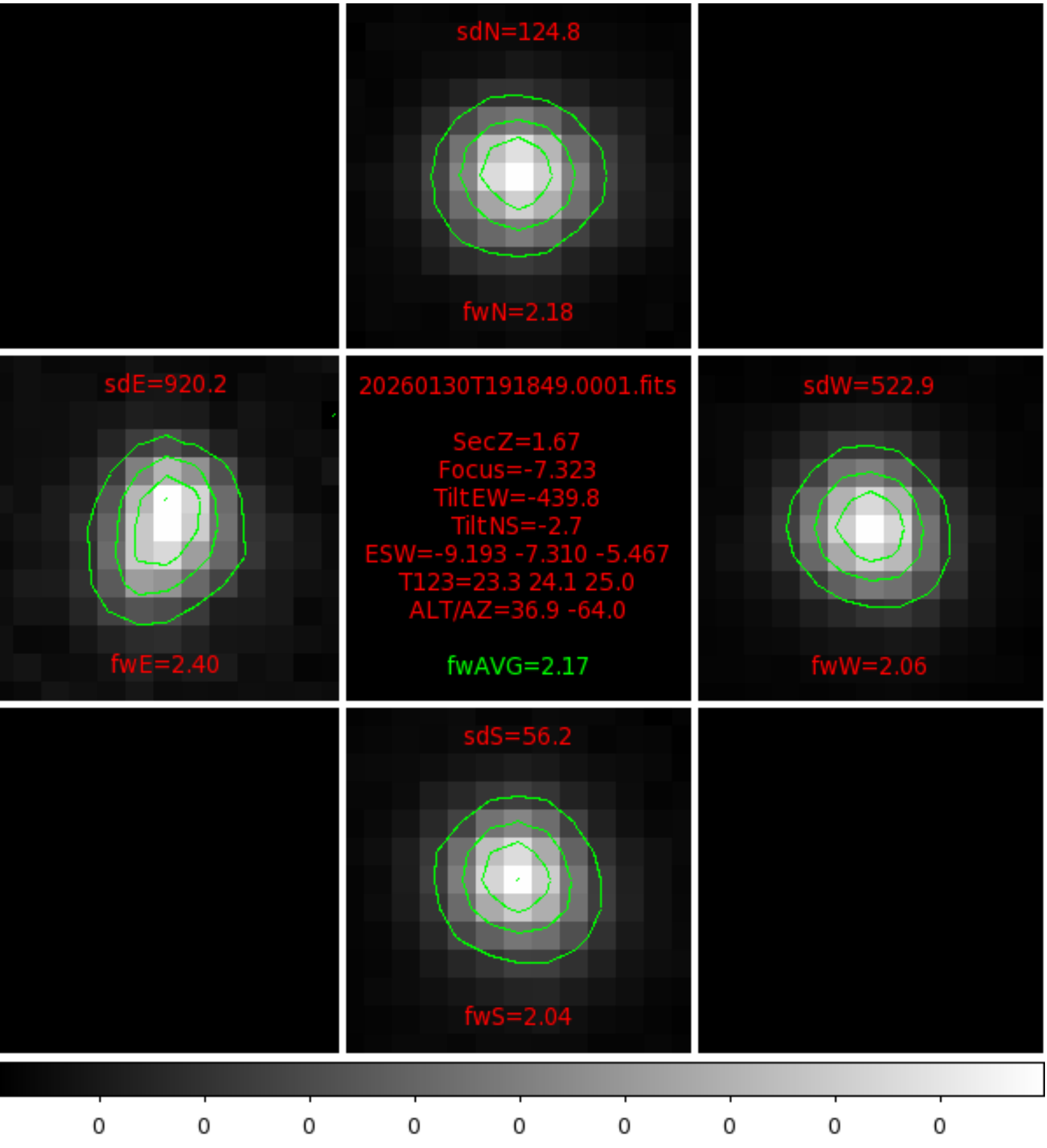

sdN=155.2
fwN=2.03
sdE=263.9
fwE=2.01
20260130T191618.0001.fits
SecZ=1.65
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.3 24.2 25.0
ALT/AZ=37.4 -64.2
fwAVG=1.94
sdW=115.1
fwW=1.86
sdS=187.1
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=48.1
fwN=2.39
sdE=526.1
fwE=2.71
20260130T191649.0001.fits
SecZ=1.65
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.3 24.2 25.0
ALT/AZ=37.3 -64.2
fwAVG=2.35
sdW=253.1
fwW=2.17
sdS=28.7
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=73.6
fwN=2.32
sdE=746.2
fwE=2.59
20260130T191819.0001.fits
SecZ=1.66
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.3 24.1 24.9
ALT/AZ=37.0 -64.1
fwAVG=2.36
sdW=336.8
fwW=2.18
sdS=35.6
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=124.8
fwN=2.18
sdE=920.2
fwE=2.40
20260130T191849.0001.fits
SecZ=1.67
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.3 24.1 25.0
ALT/AZ=36.9 -64.0
fwAVG=2.17
sdW=522.9
fwW=2.06
sdS=56.2
fwS=2.04
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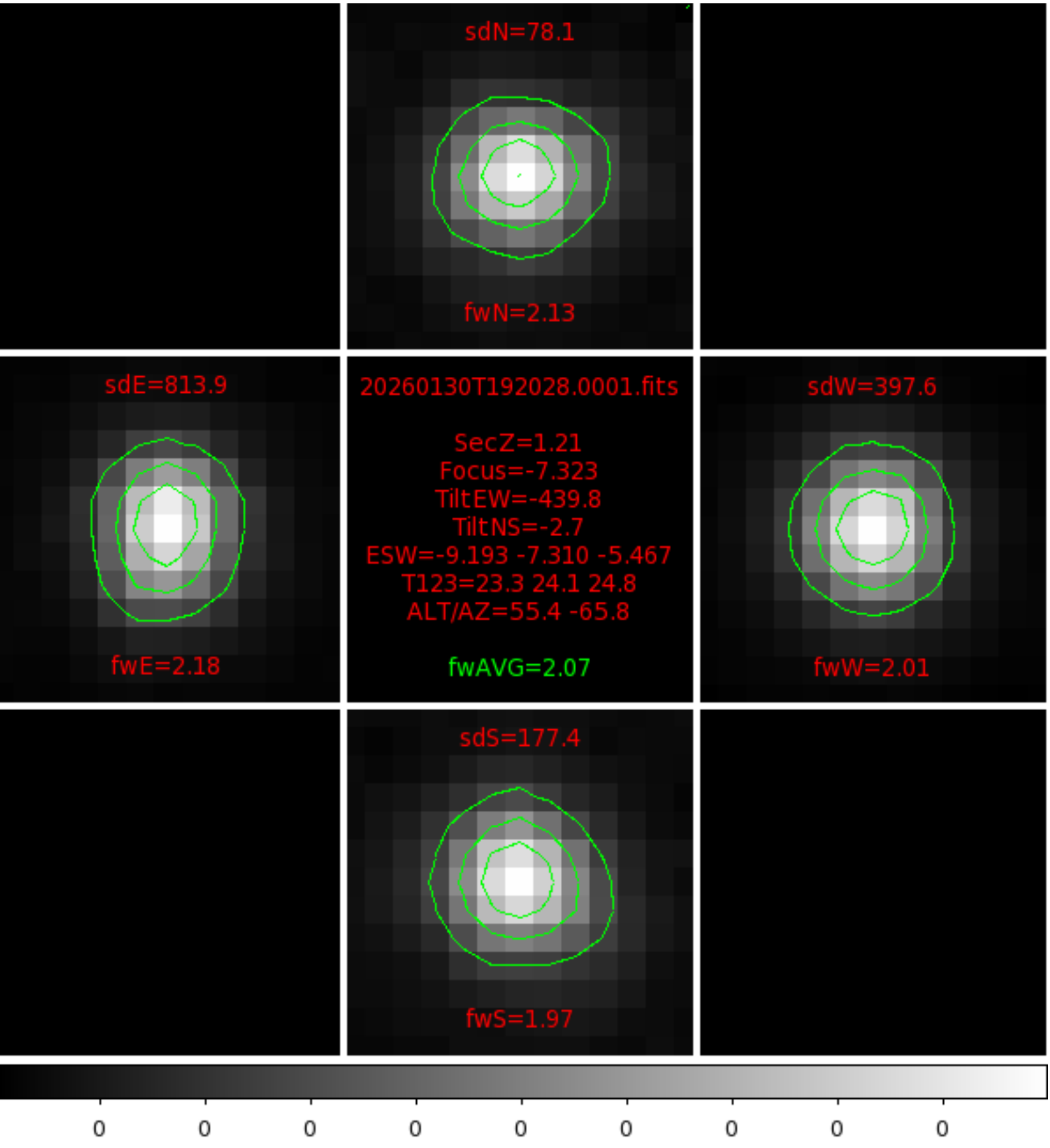
sdN=78.1
fwN=2.13
sdE=813.9
fwE=2.18
20260130T192028.0001.fits
SecZ=1.21
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.3 24.1 24.8
ALT/AZ=55.4 -65.8
fwAVG=2.07
sdW=397.6
fwW=2.01
sdS=177.4
fwS=1.97
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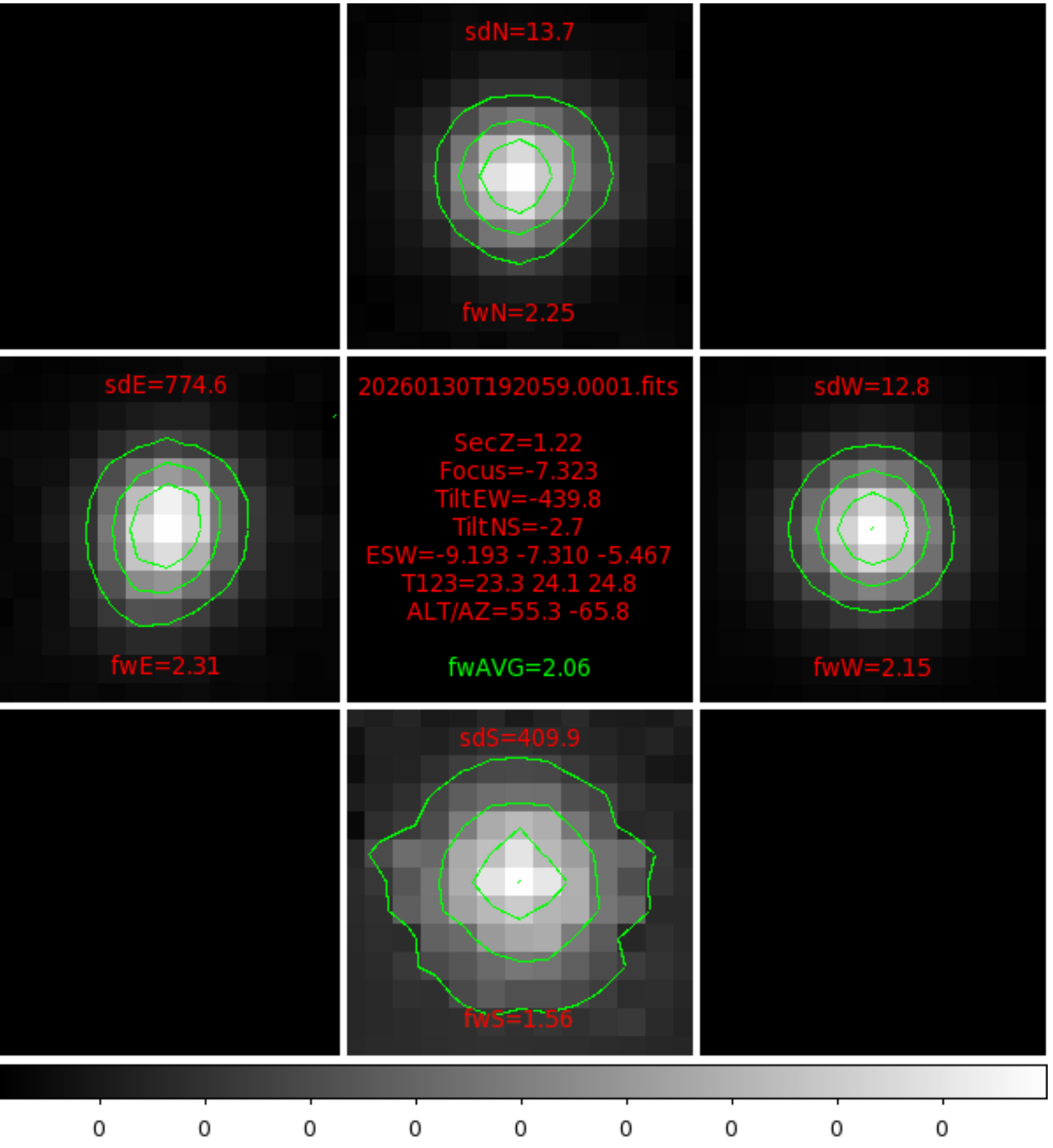
sdN=13.7
fwN=2.25
sdE=774.6
fwE=2.31
20260130T192059.0001.fits
SecZ=1.22
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.3 24.1 24.8
ALT/AZ=55.3 -65.8
fwAVG=2.06
sdW=12.8
fwW=2.15
sdS=409.9
fwS=1.56
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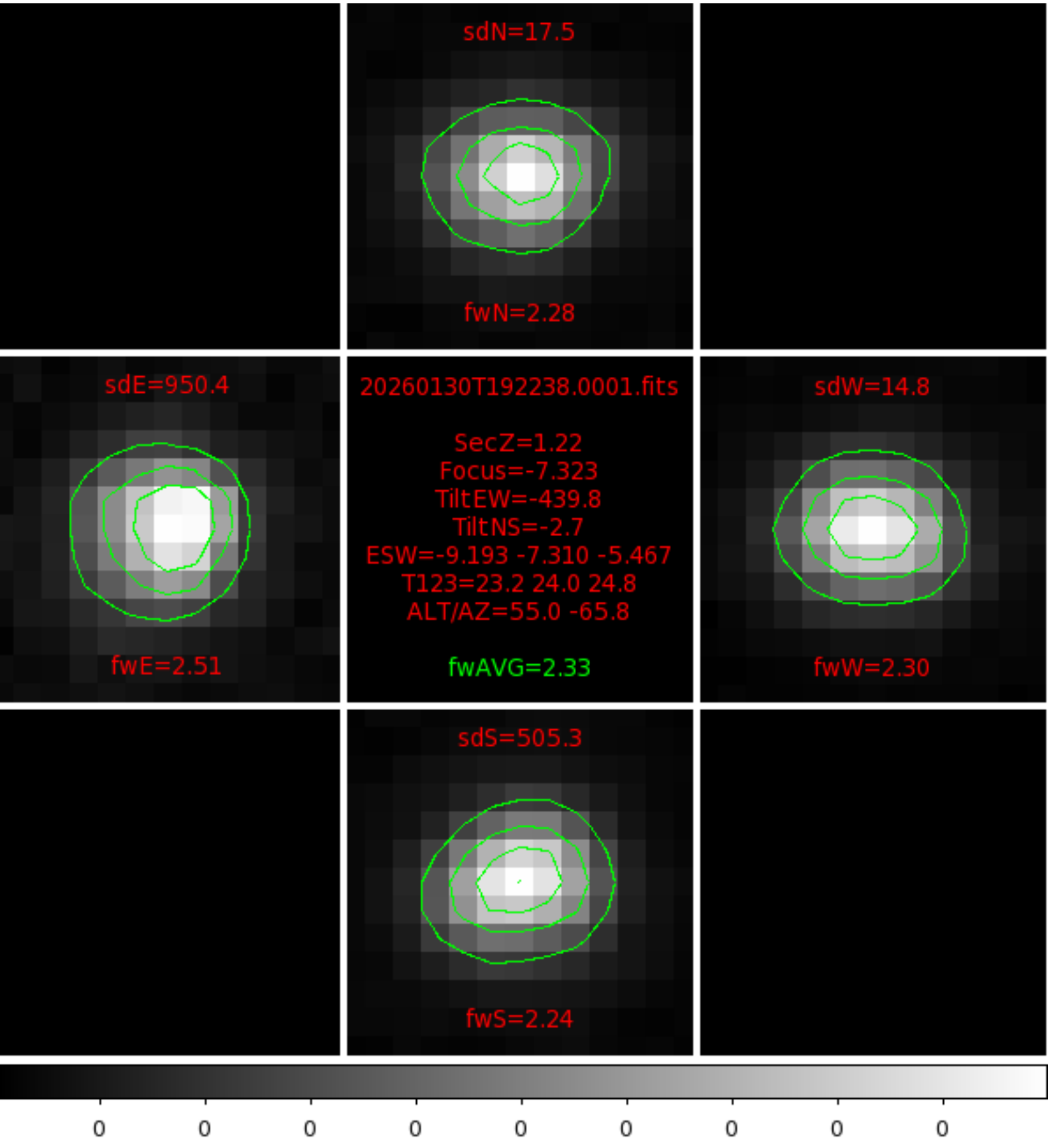
sdN=17.5
fwN=2.28
sdE=950.4
fwE=2.51
20260130T192238.0001.fits
SecZ=1.22
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.2 24.0 24.8
ALT/AZ=55.0 -65.8
fwAVG=2.33
sdW=14.8
fwW=2.30
sdS=505.3
fwS=2.24
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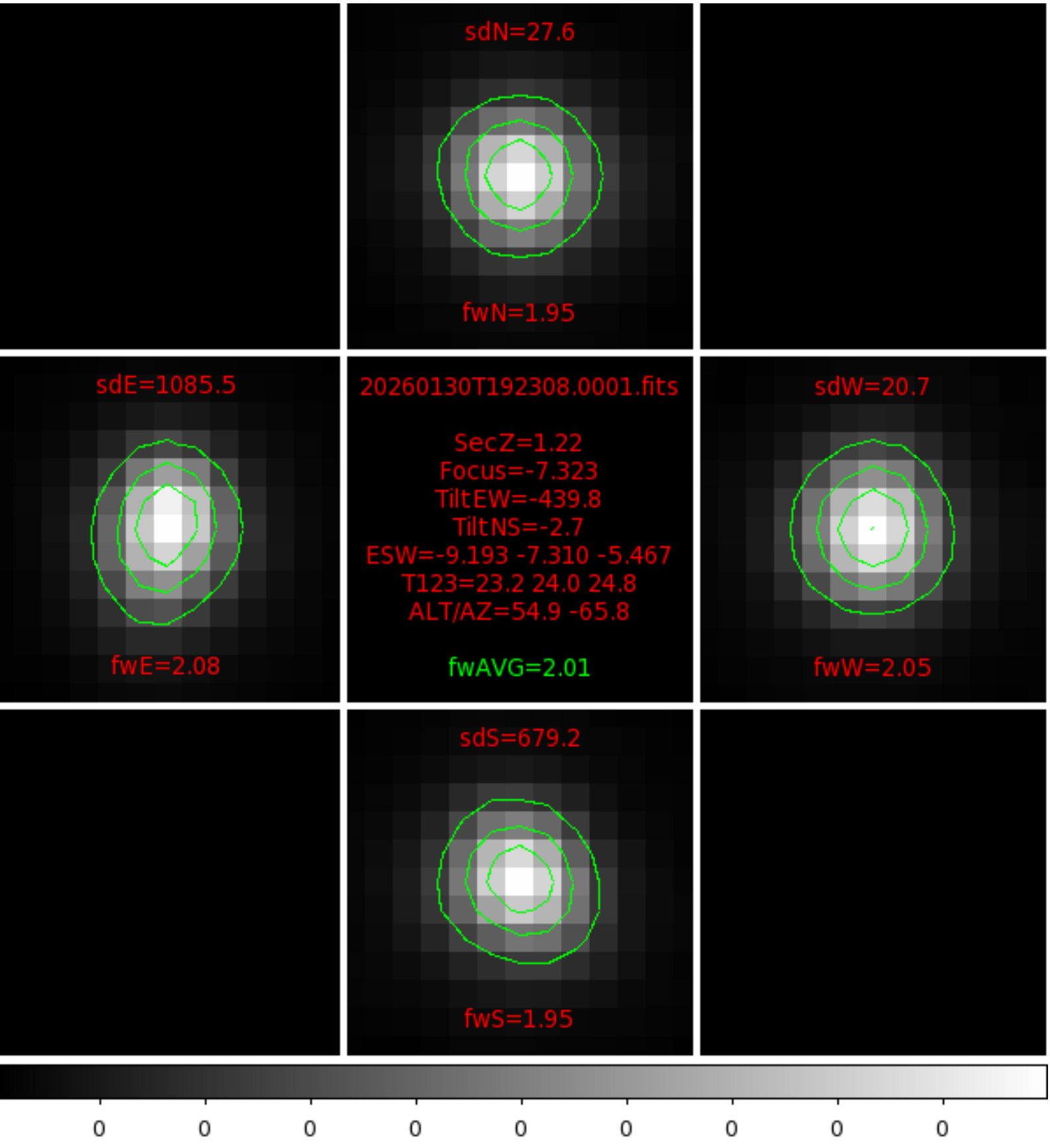
sdN=27.6
fwN=1.95
sdE=1085.5
fwE=2.08
20260130T192308.0001.fits
SecZ=1.22
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.2 24.0 24.8
ALT/AZ=54.9 -65.8
fwAVG=2.01
sdW=20.7
fwW=2.05
sdS=679.2
fwS=1.95
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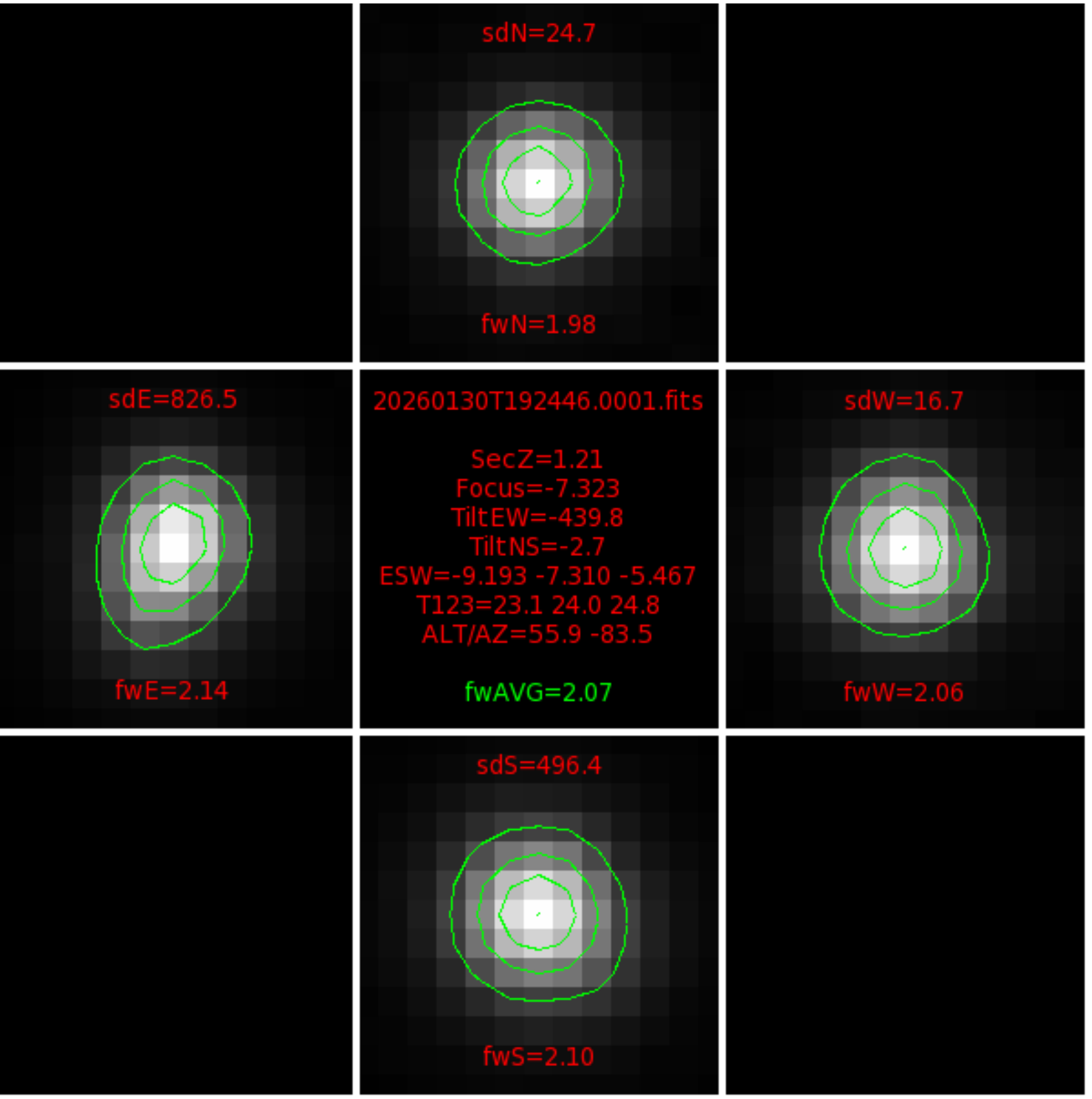
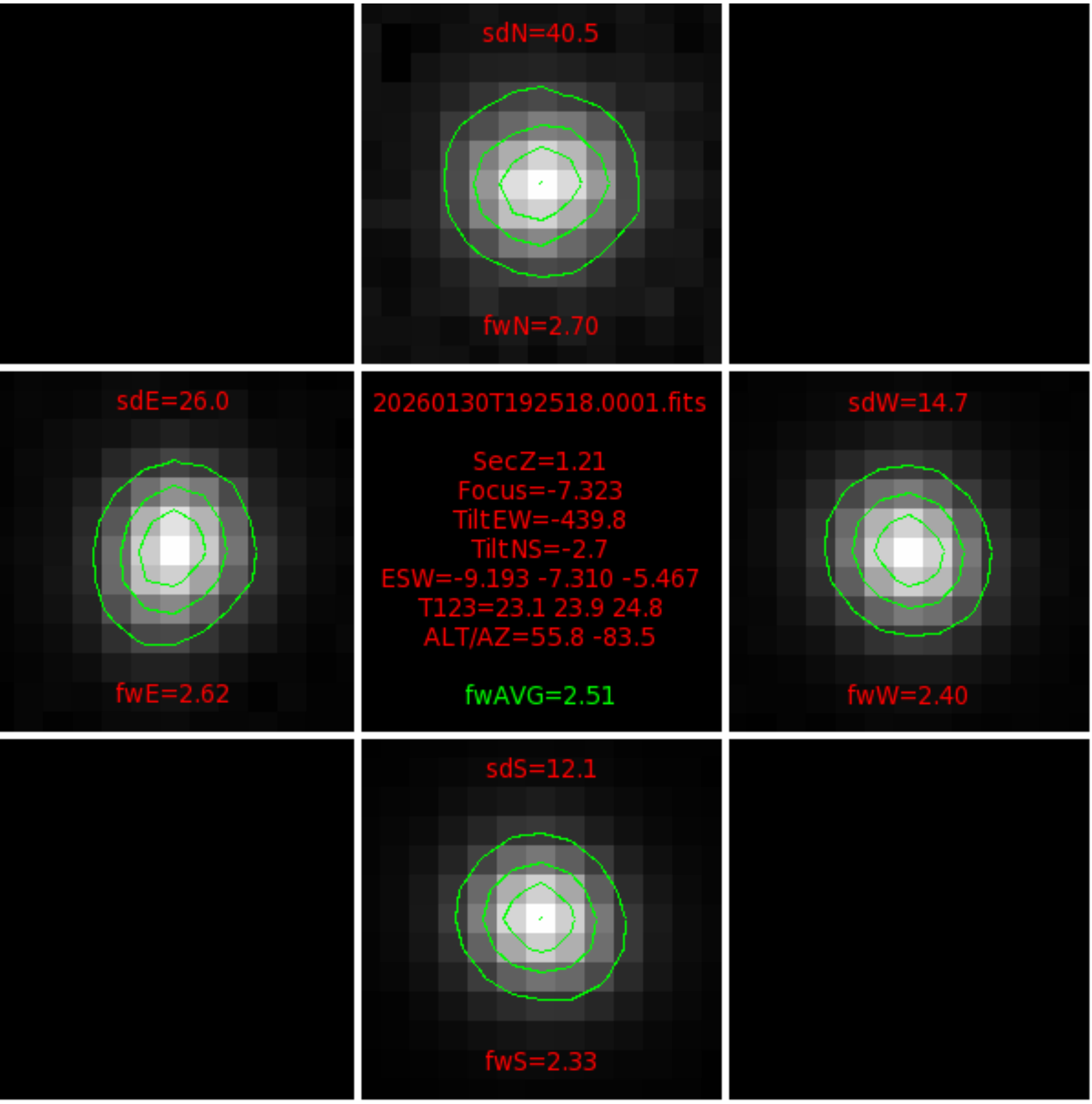
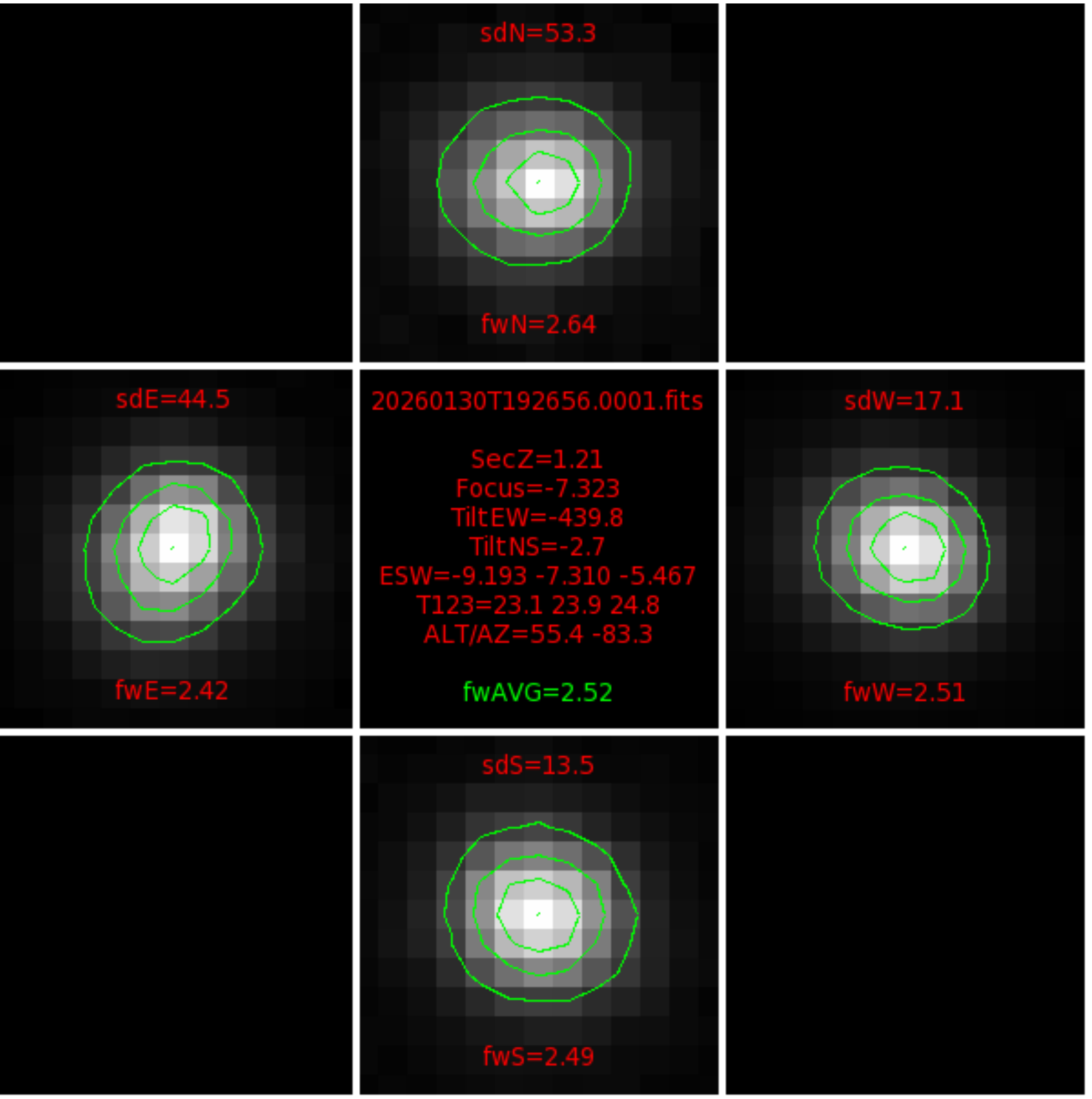
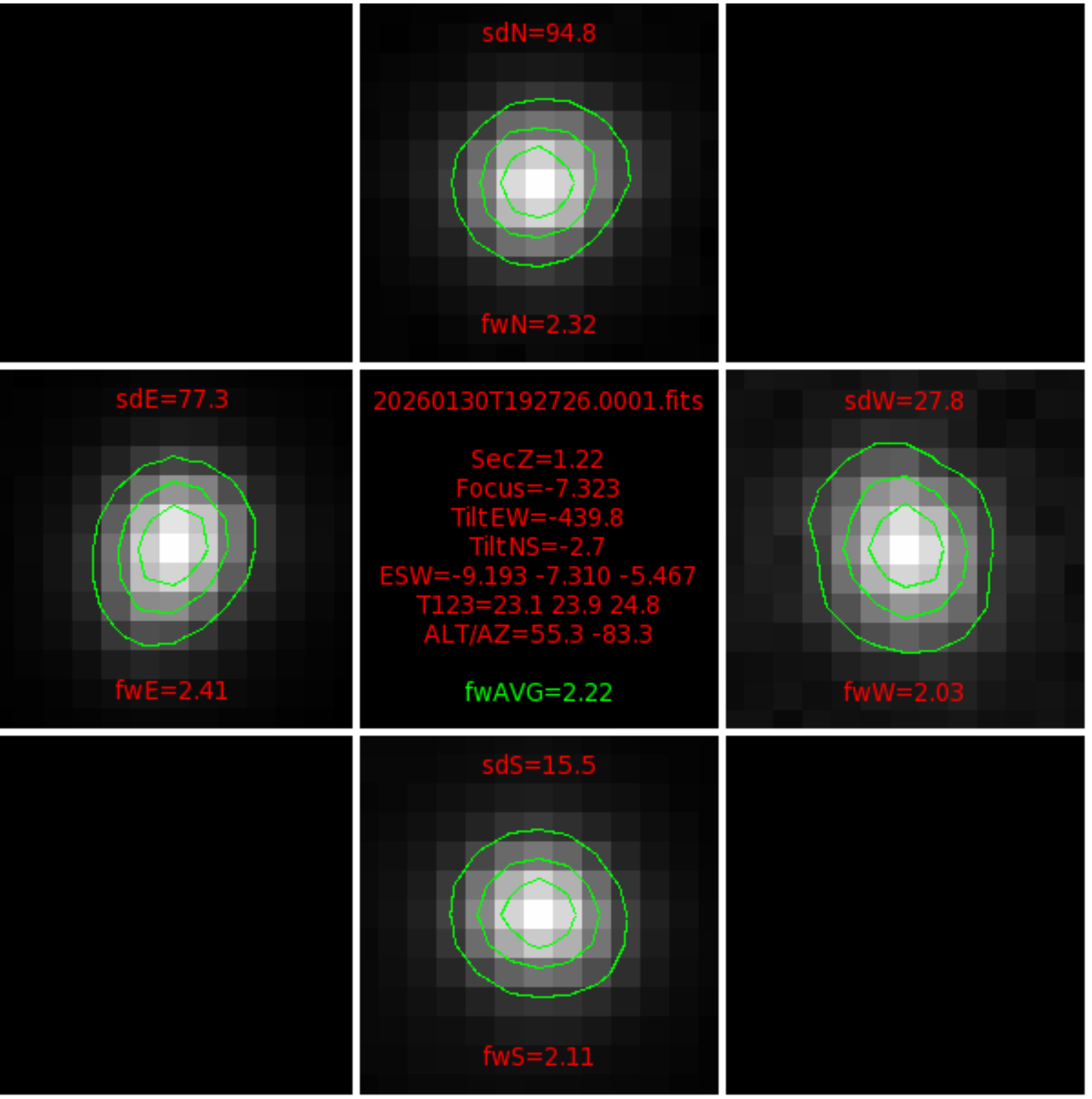
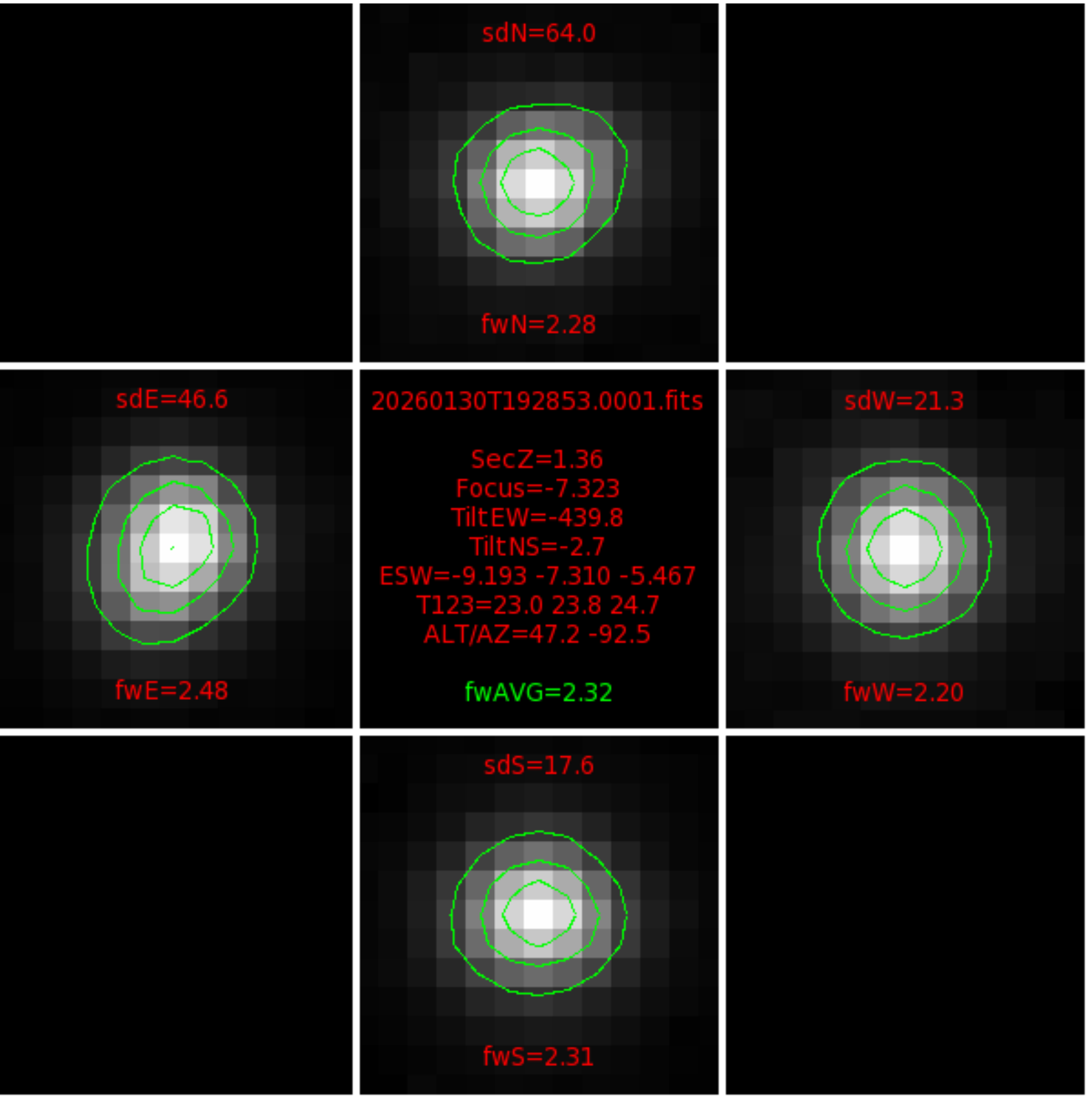
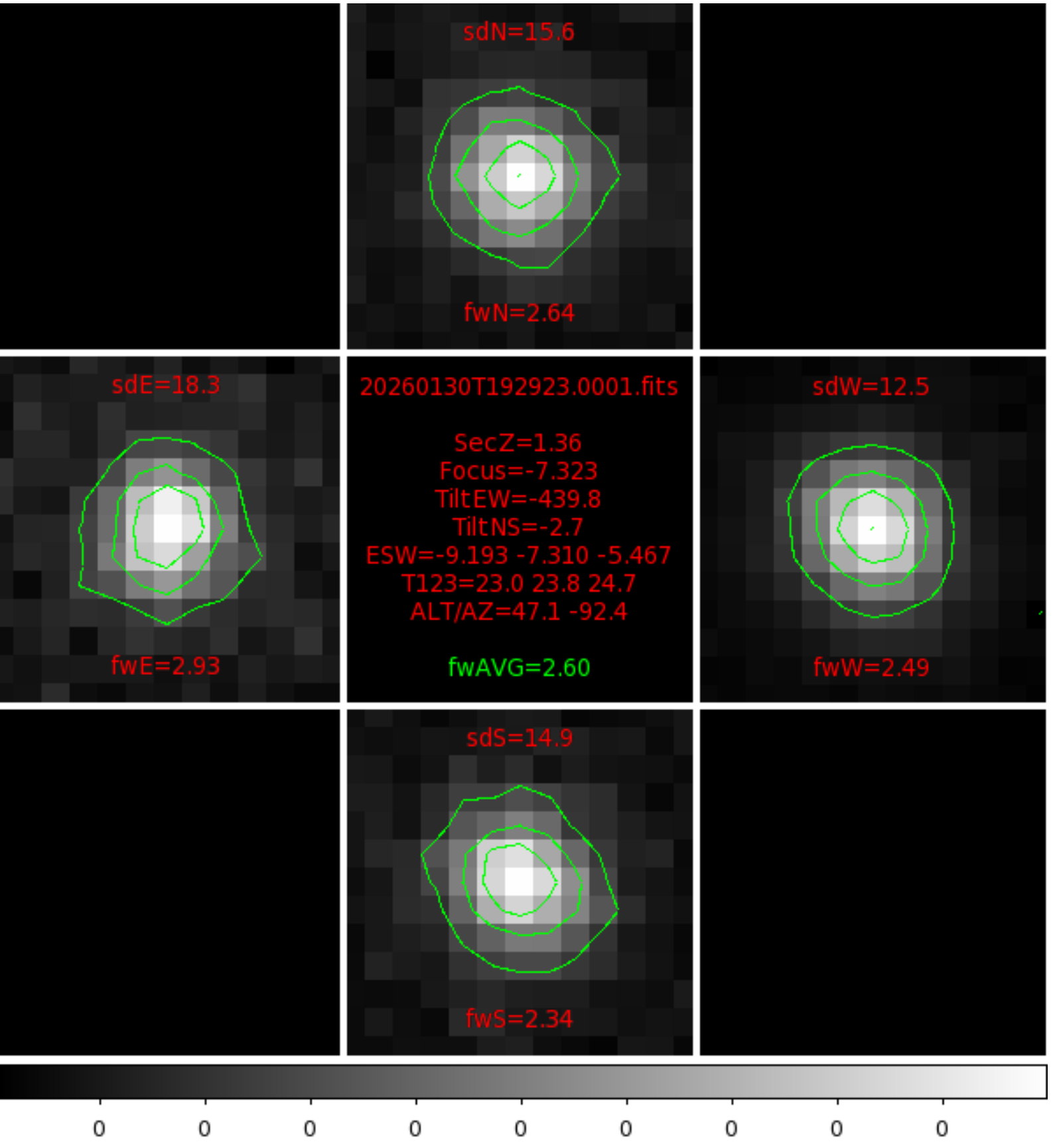

sdN=24.7
fwN=1.98
sdE=826.5
fwE=2.14
20260130T192446.0001.fits
SecZ=1.21
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.1 24.0 24.8
ALT/AZ=55.9 -83.5
fwAVG=2.07
sdW=16.7
fwW=2.06
sdS=496.4
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=40.5
fwN=2.70
sdE=26.0
fwE=2.62
20260130T192518.0001.fits
SecZ=1.21
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.1 23.9 24.8
ALT/AZ=55.8 -83.5
fwAVG=2.51
sdW=14.7
fwW=2.40
sdS=12.1
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=53.3
fwN=2.64
sdE=44.5
fwE=2.42
20260130T192656.0001.fits
SecZ=1.21
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.1 23.9 24.8
ALT/AZ=55.4 -83.3
fwAVG=2.52
sdW=17.1
fwW=2.51
sdS=13.5
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=94.8
fwN=2.32
sdE=77.3
fwE=2.41
20260130T192726.0001.fits
SecZ=1.22
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.1 23.9 24.8
ALT/AZ=55.3 -83.3
fwAVG=2.22
sdW=27.8
fwW=2.03
sdS=15.5
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=64.0
fwN=2.28
sdE=46.6
fwE=2.48
20260130T192853.0001.fits
SecZ=1.36
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.0 23.8 24.7
ALT/AZ=47.2 -92.5
fwAVG=2.32
sdW=21.3
fwW=2.20
sdS=17.6
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=15.6
fwN=2.64
sdE=18.3
fwE=2.93
20260130T192923.0001.fits
SecZ=1.36
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.0 23.8 24.7
ALT/AZ=47.1 -92.4
fwAVG=2.60
sdW=12.5
fwW=2.49
sdS=14.9
fwS=2.34
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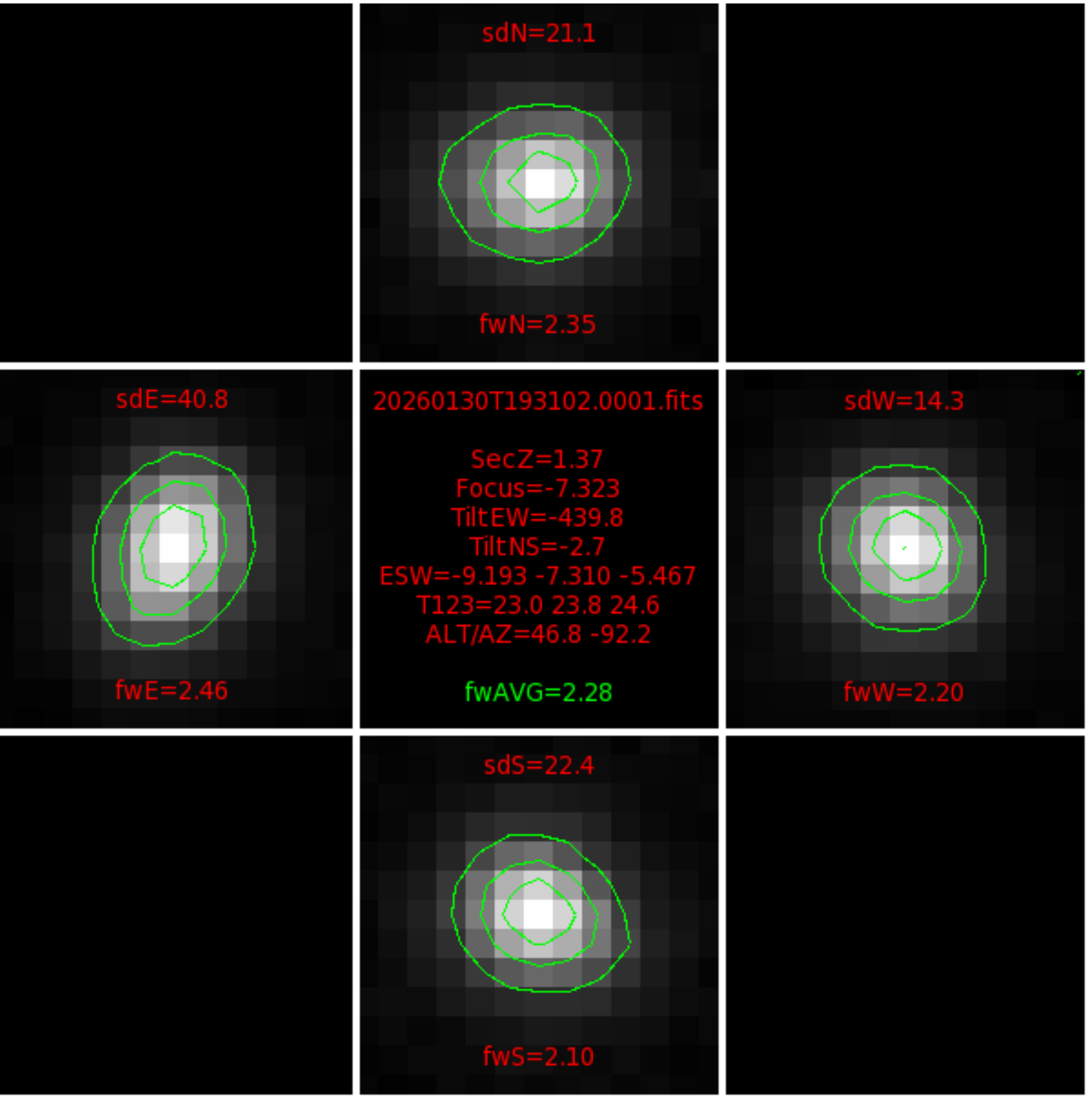
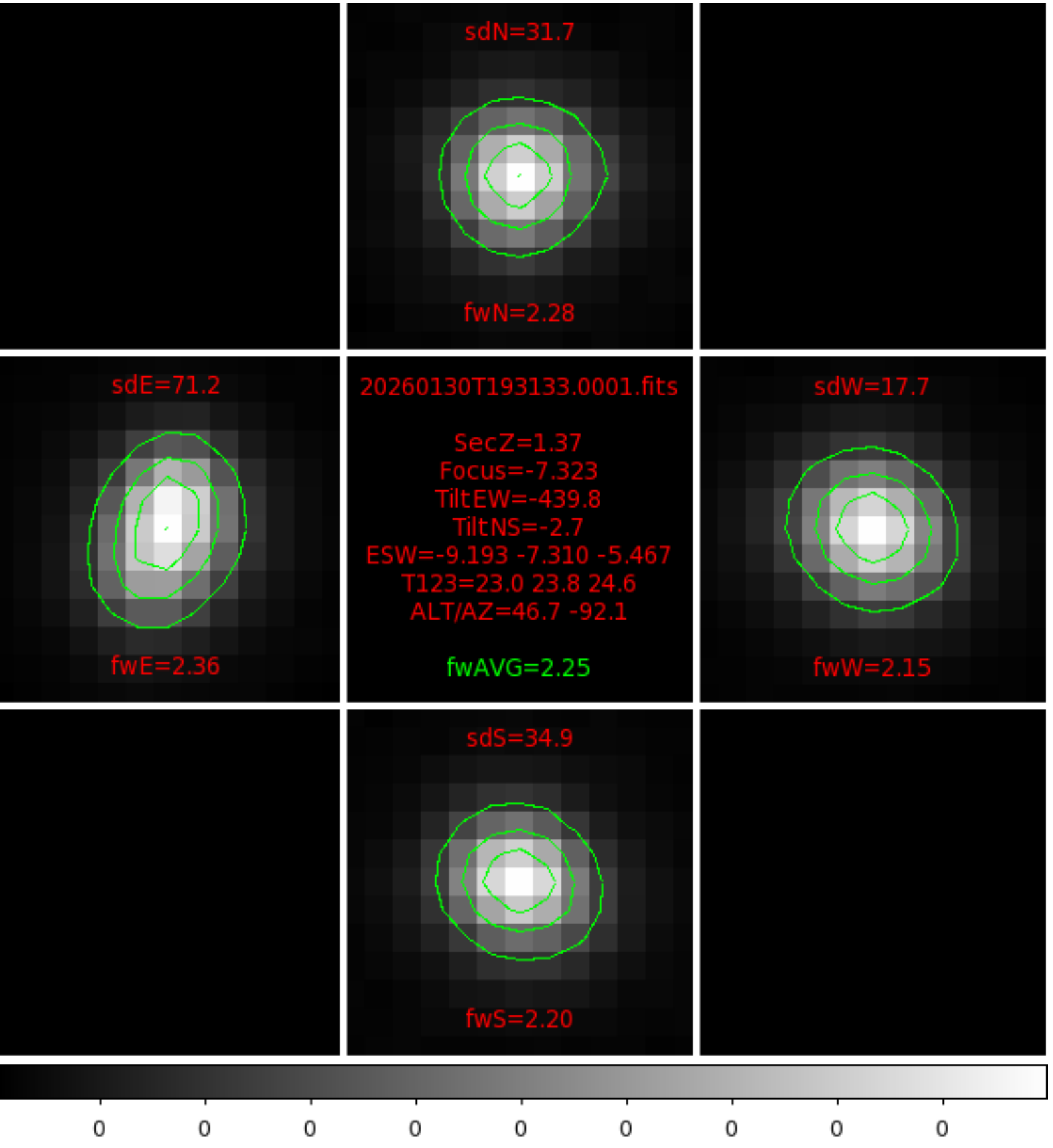
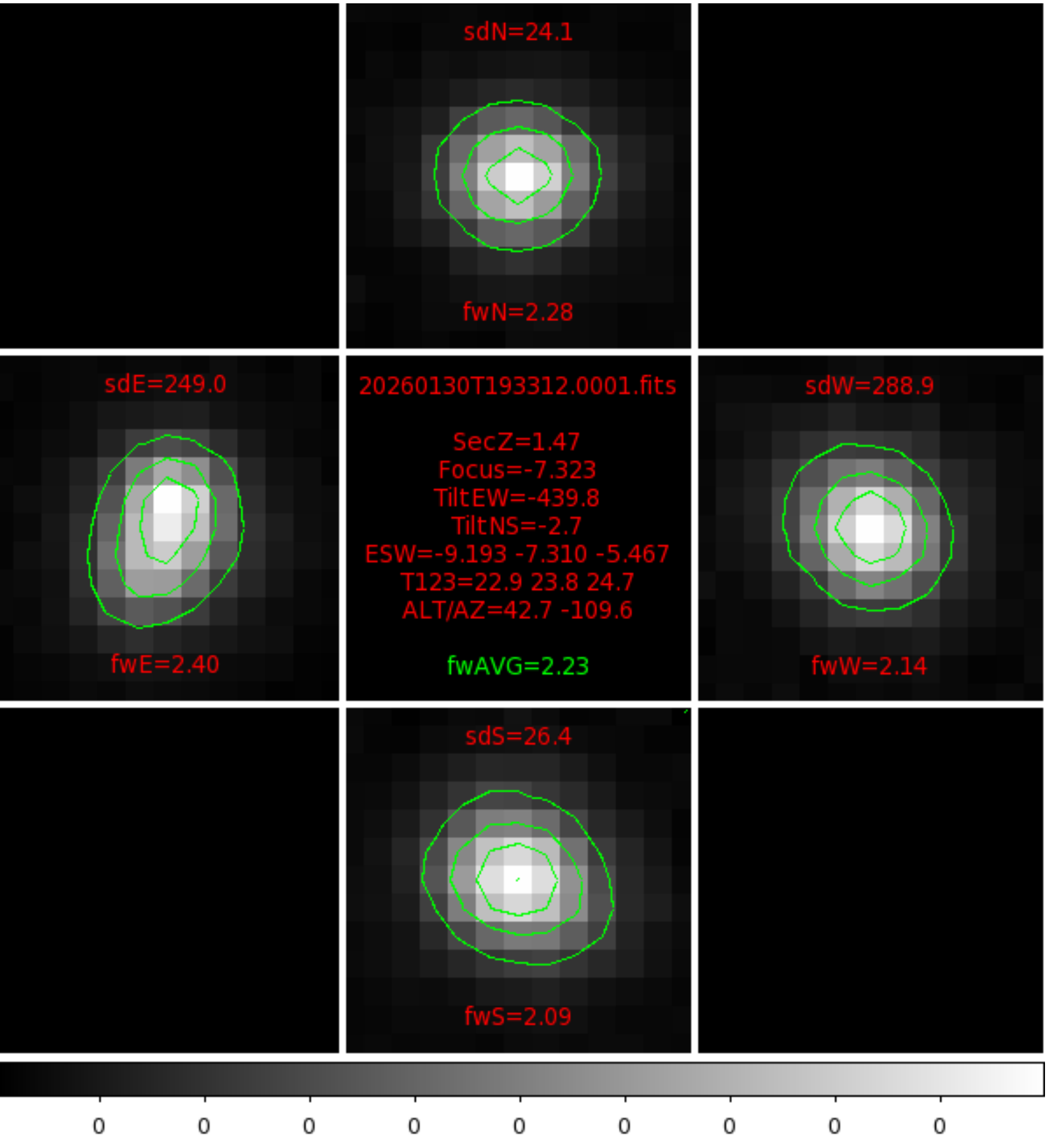

sdN=21.1
fwN=2.35
sdE=40.8
fwE=2.46
20260130T193102.0001.fits
SecZ=1.37
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.0 23.8 24.6
ALT/AZ=46.8 -92.2
fwAVG=2.28
sdW=14.3
fwW=2.20
sdS=22.4
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=31.7
fwN=2.28
sdE=71.2
fwE=2.36
20260130T193133.0001.fits
SecZ=1.37
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=23.0 23.8 24.6
ALT/AZ=46.7 -92.1
fwAVG=2.25
sdW=17.7
fwW=2.15
sdS=34.9
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=24.1
fwN=2.28
sdE=249.0
fwE=2.40
20260130T193312.0001.fits
SecZ=1.47
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.9 23.8 24.7
ALT/AZ=42.7 -109.6
fwAVG=2.23
sdW=288.9
fwW=2.14
sdS=26.4
fwS=2.09
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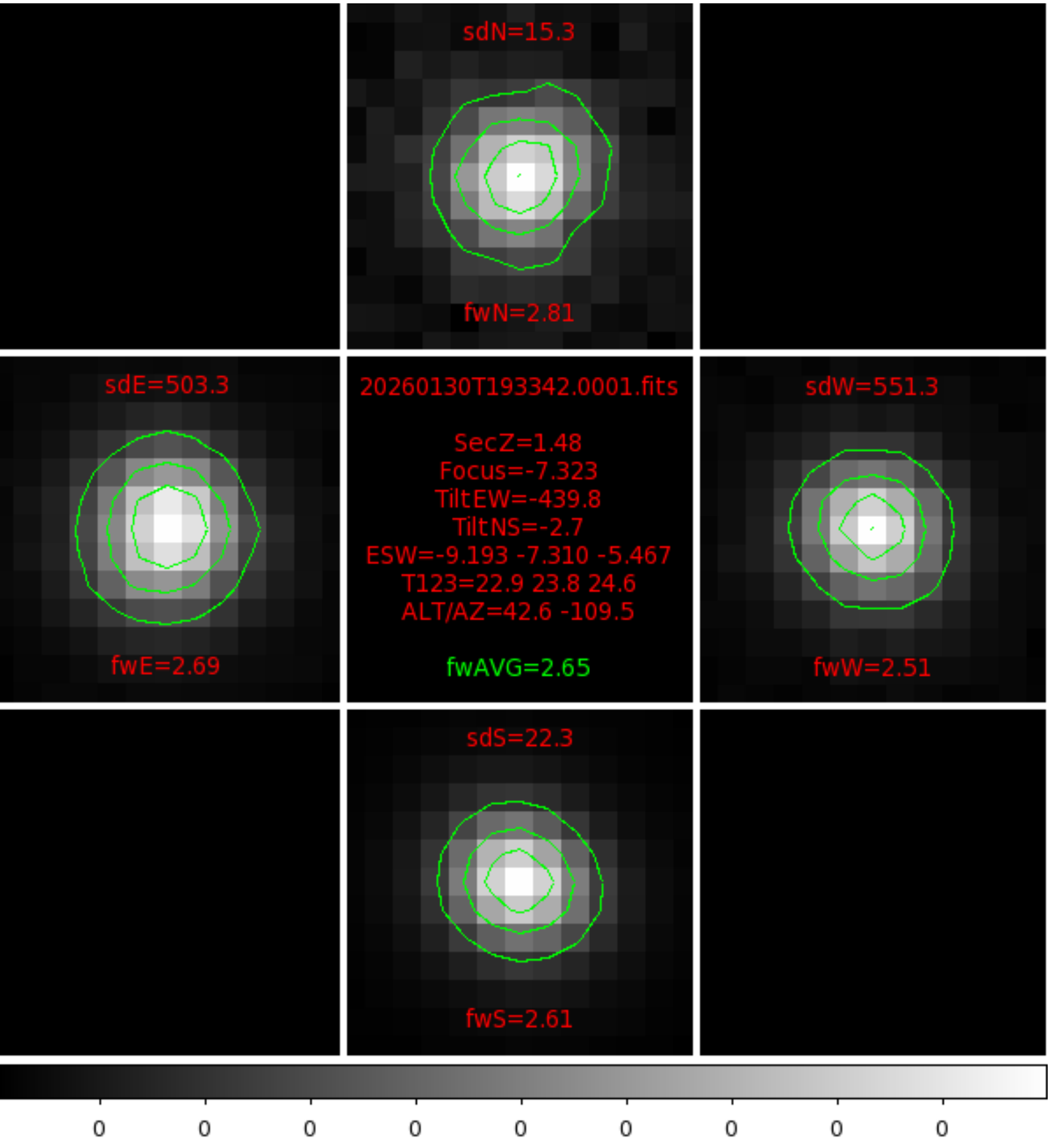
sdN=15.3
fwN=2.81
sdE=503.3
fwE=2.69
20260130T193342.0001.fits
SecZ=1.48
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.9 23.8 24.6
ALT/AZ=42.6 -109.5
fwAVG=2.65
sdW=551.3
fwW=2.51
sdS=22.3
fwS=2.61
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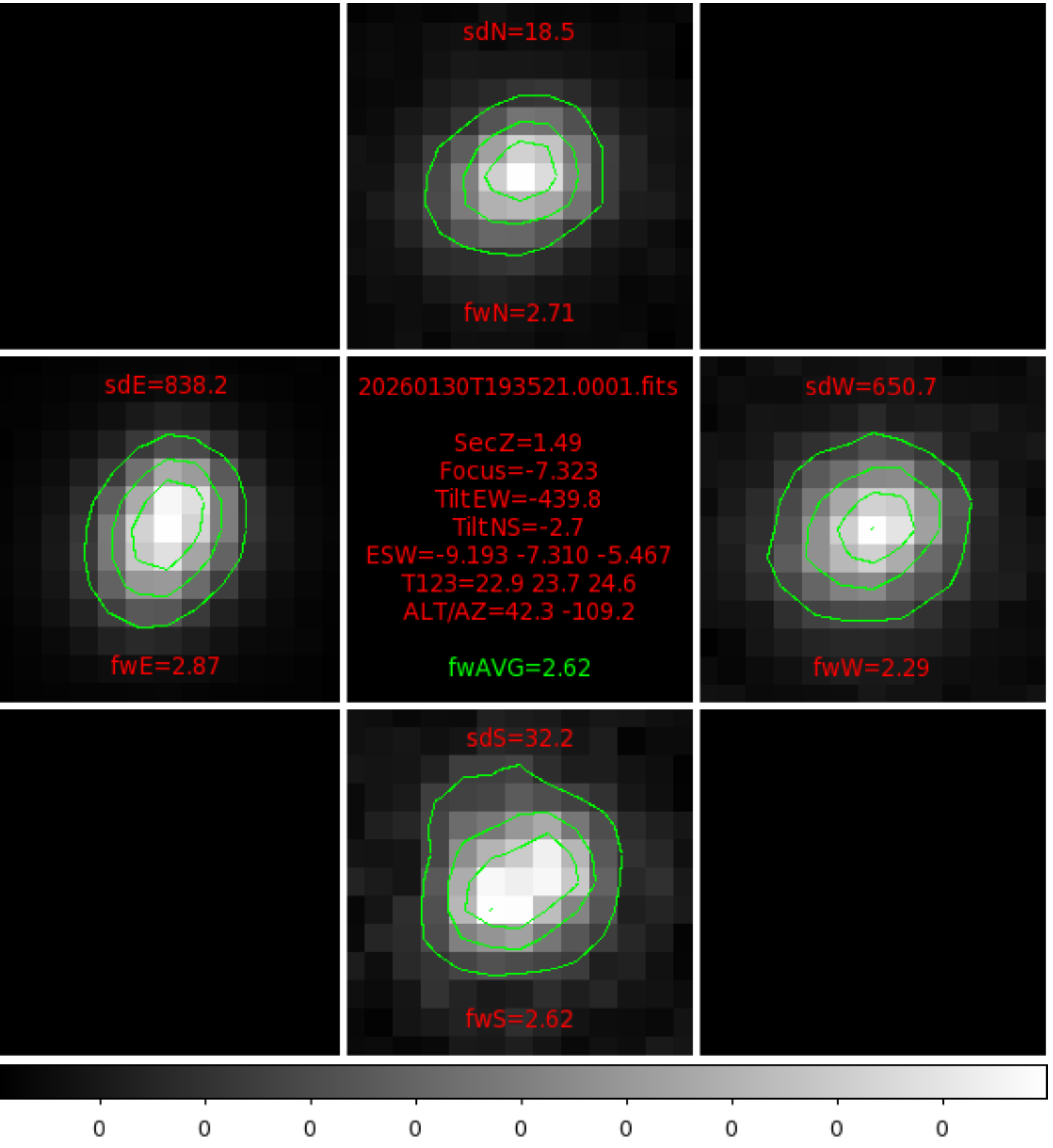
sdN=18.5
fwN=2.71
sdE=838.2
fwE=2.87
20260130T193521.0001.fits
SecZ=1.49
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.9 23.7 24.6
ALT/AZ=42.3 -109.2
fwAVG=2.62
sdW=650.7
fwW=2.29
sdS=32.2
fwS=2.62
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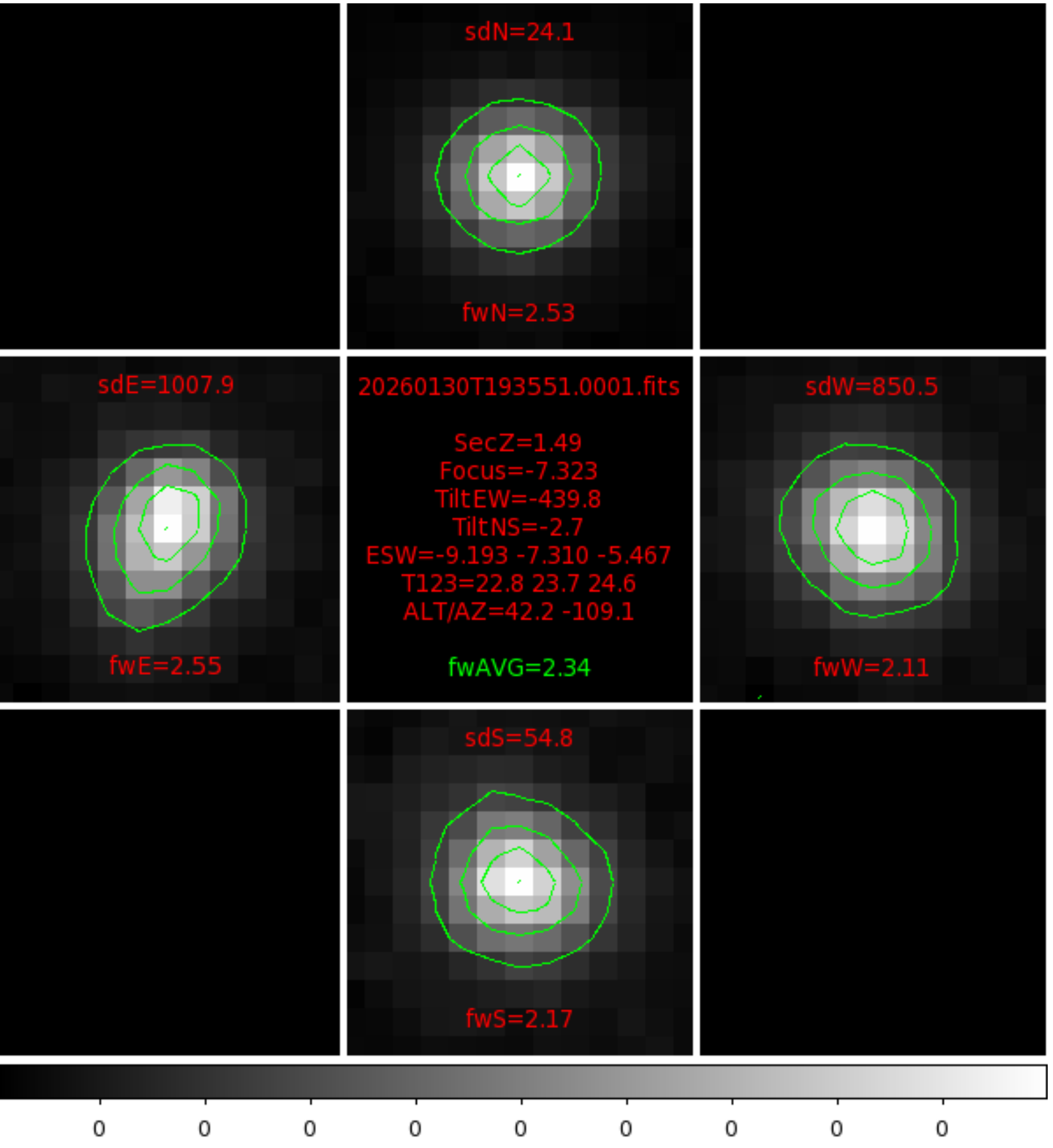
sdN=24.1
fwN=2.53
sdE=1007.9
fwE=2.55
20260130T193551.0001.fits
SecZ=1.49
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.8 23.7 24.6
ALT/AZ=42.2 -109.1
fwAVG=2.34
sdW=850.5
fwW=2.11
sdS=54.8
fwS=2.17
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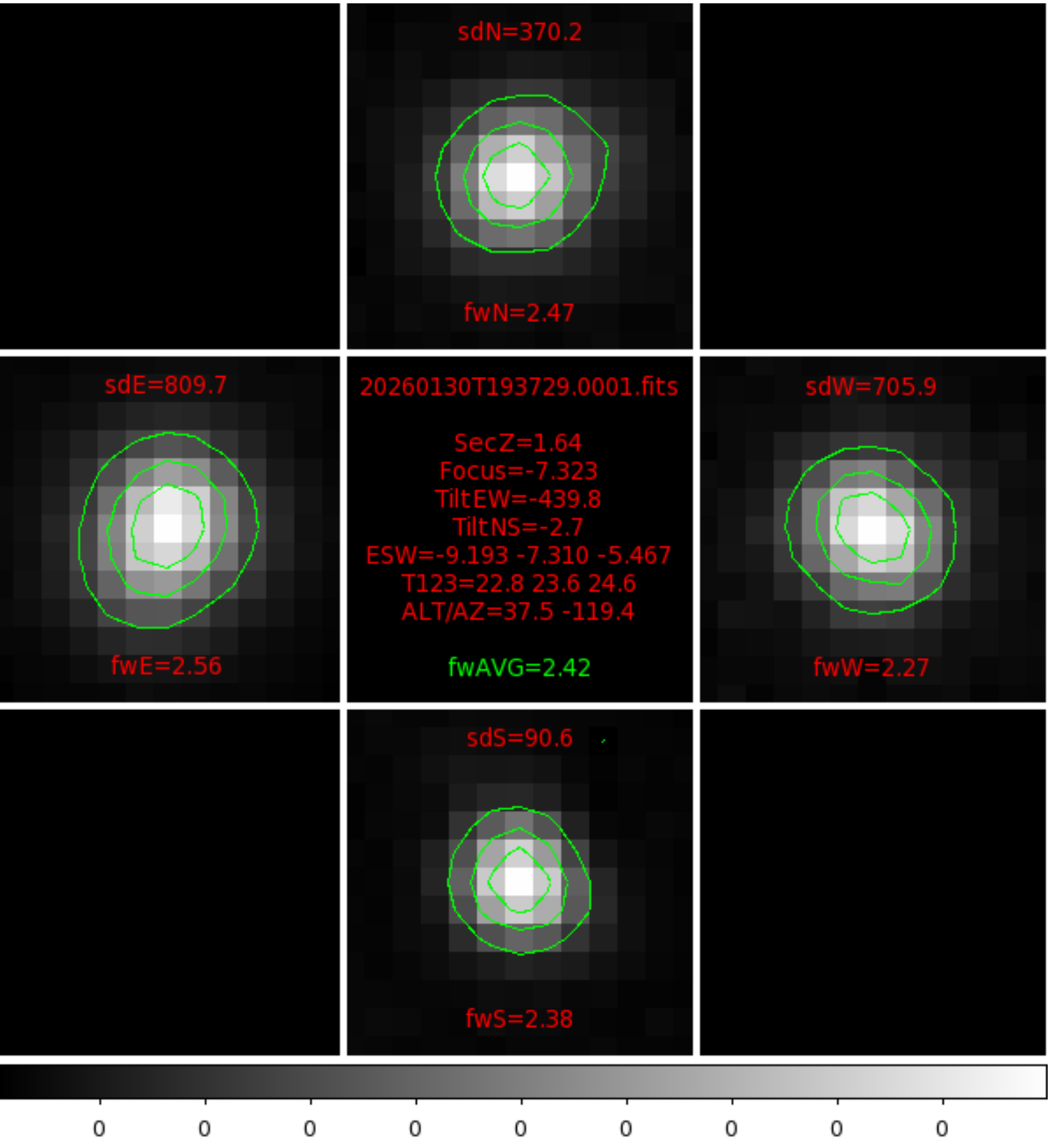
sdN=370.2
fwN=2.47
sdE=809.7
fwE=2.56
20260130T193729.0001.fits
SecZ=1.64
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.8 23.6 24.6
ALT/AZ=37.5 -119.4
fwAVG=2.42
sdW=705.9
fwW=2.27
sdS=90.6
fwS=2.38
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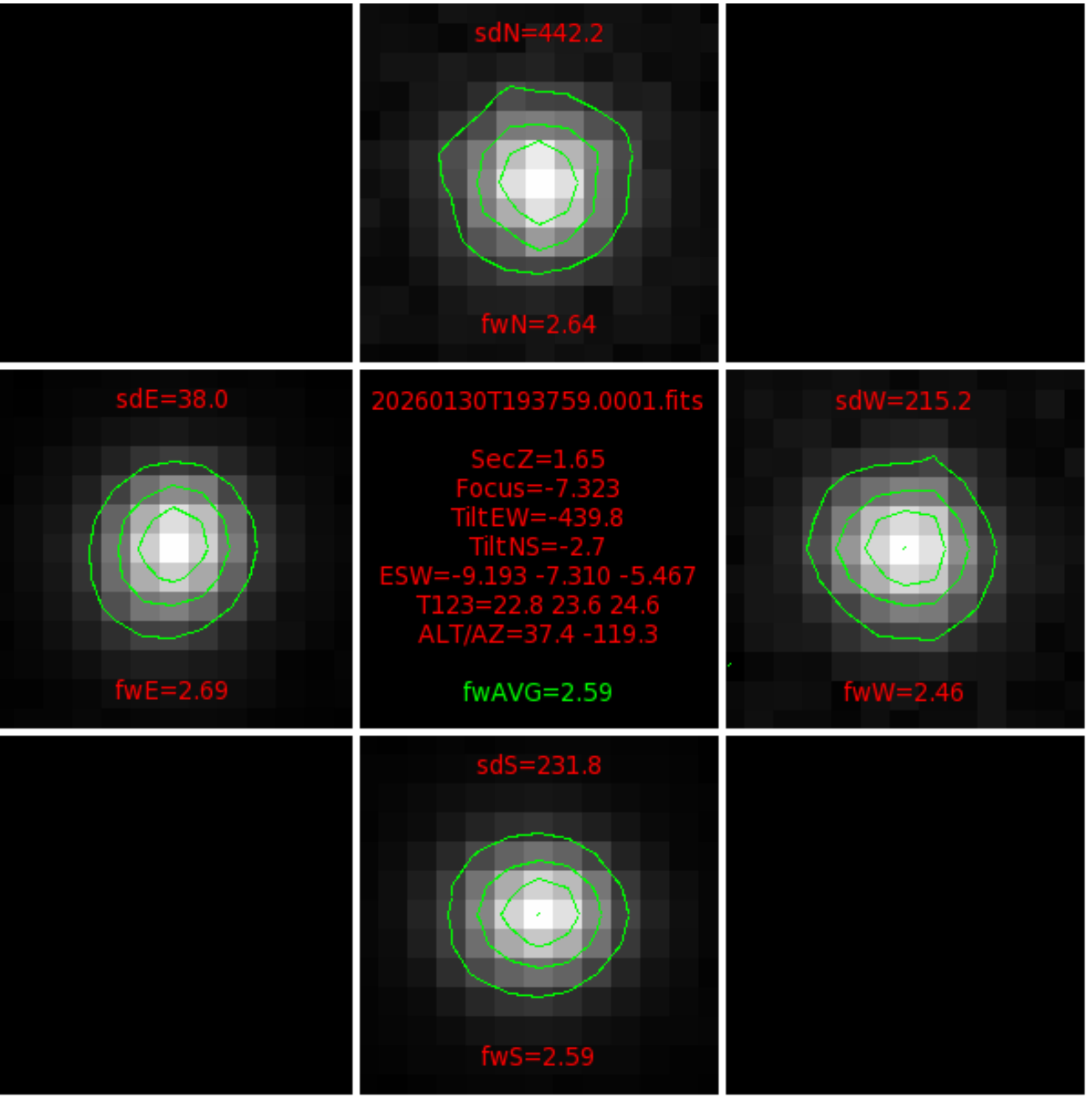
sdN=442.2
fwN=2.64
sdE=38.0
fwE=2.69
20260130T193759.0001.fits
SecZ=1.65
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.8 23.6 24.6
ALT/AZ=37.4 -119.3
fwAVG=2.59
sdW=215.2
fwW=2.46
sdS=231.8
fwS=2.59
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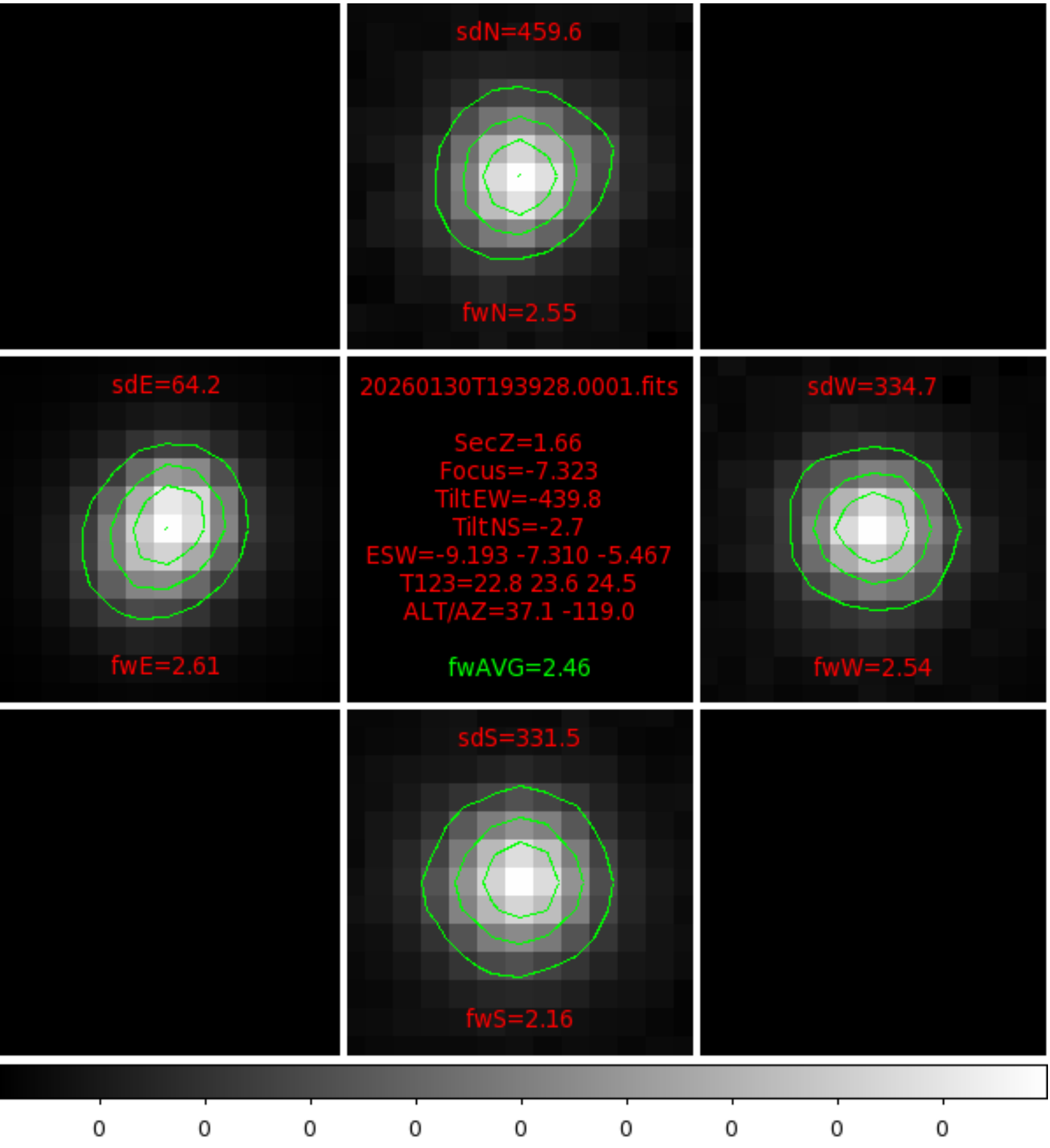
sdN=459.6
fwN=2.55
sdE=64.2
fwE=2.61
20260130T193928.0001.fits
SecZ=1.66
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.8 23.6 24.5
ALT/AZ=37.1 -119.0
fwAVG=2.46
sdW=334.7
fwW=2.54
sdS=331.5
fwS=2.16
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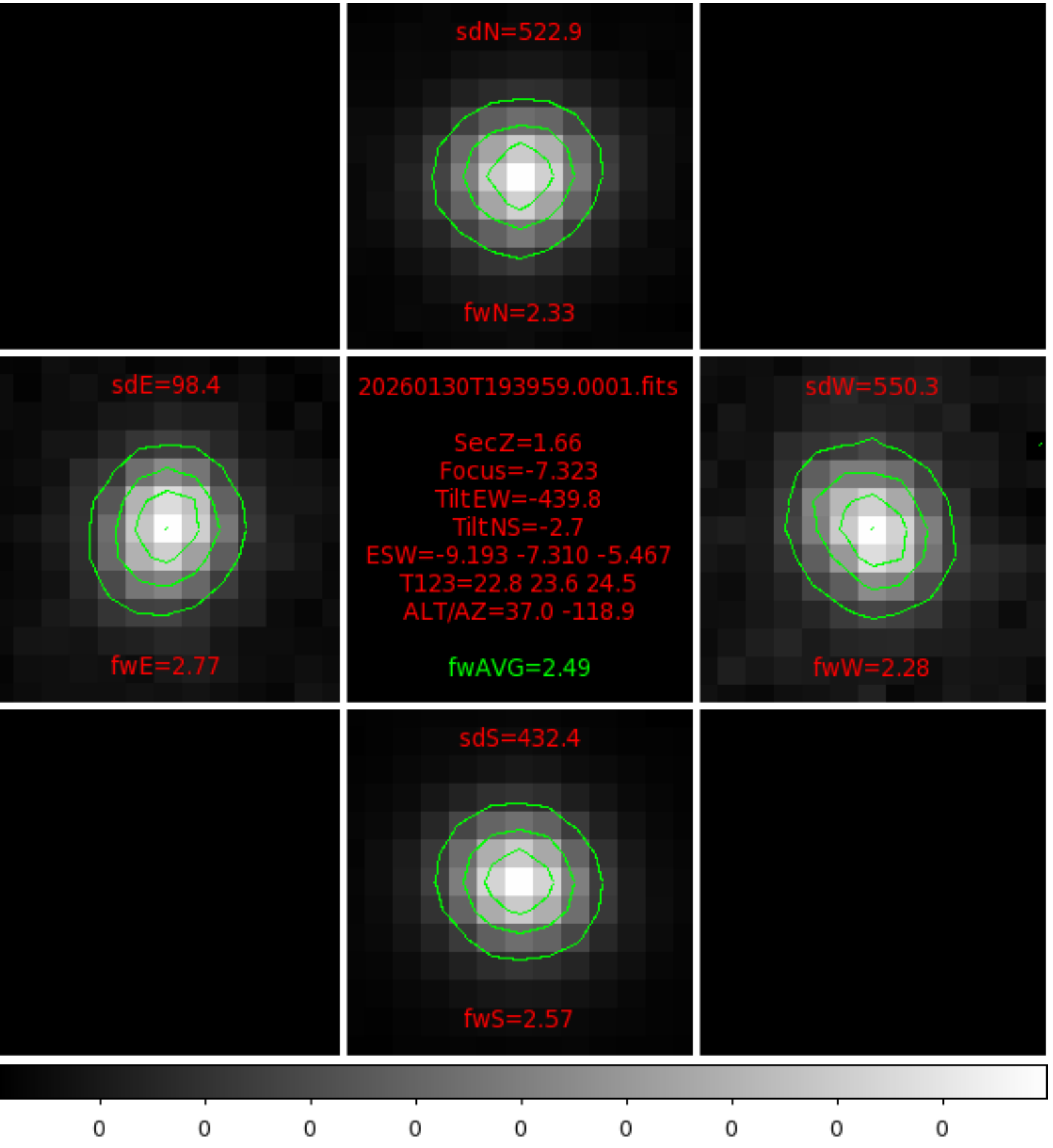
sdN=522.9
fwN=2.33
sdE=98.4
fwE=2.77
20260130T193959.0001.fits
SecZ=1.66
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.8 23.6 24.5
ALT/AZ=37.0 -118.9
fwAVG=2.49
sdW=550.3
fwW=2.28
sdS=432.4
fwS=2.57
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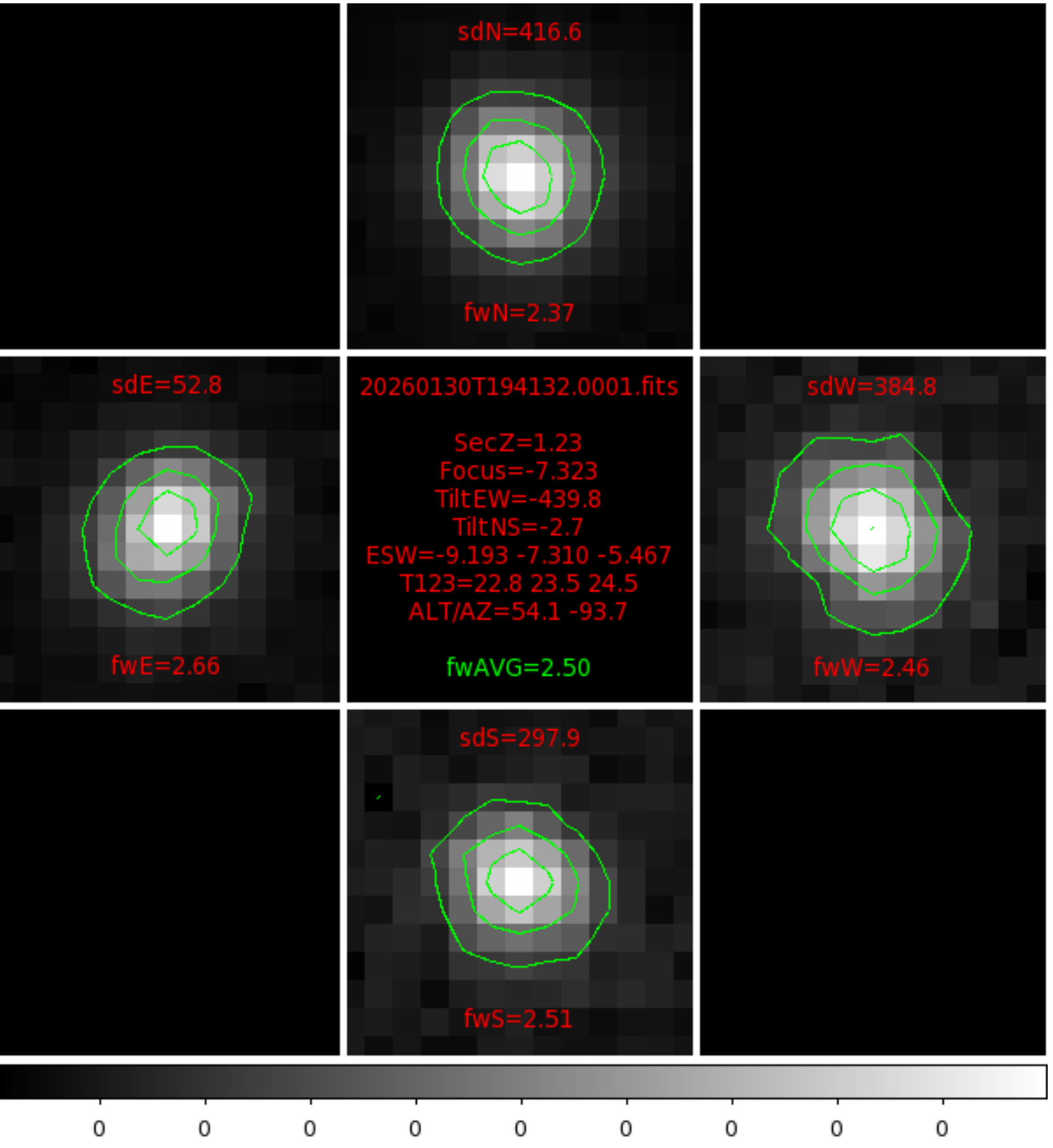
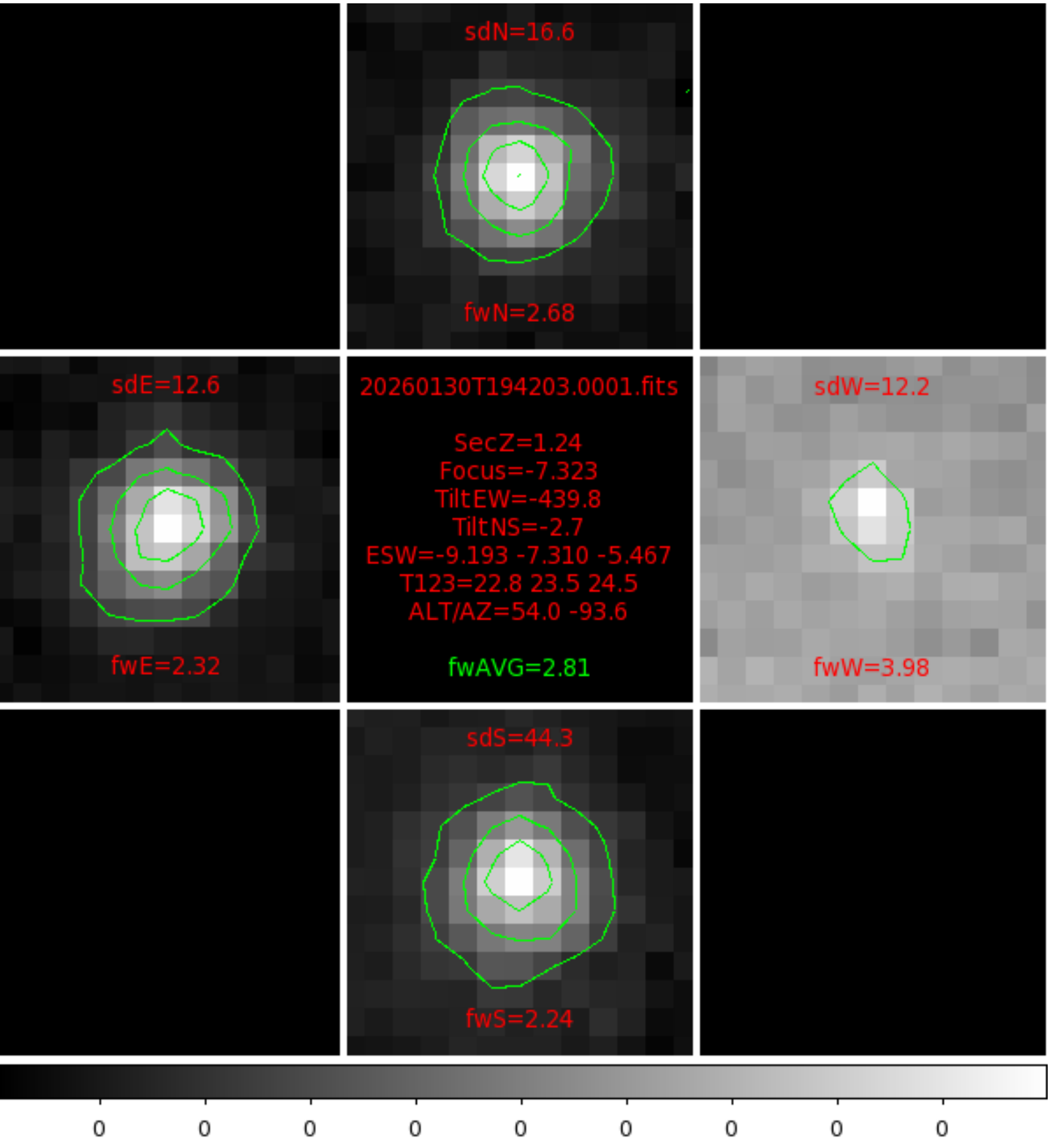
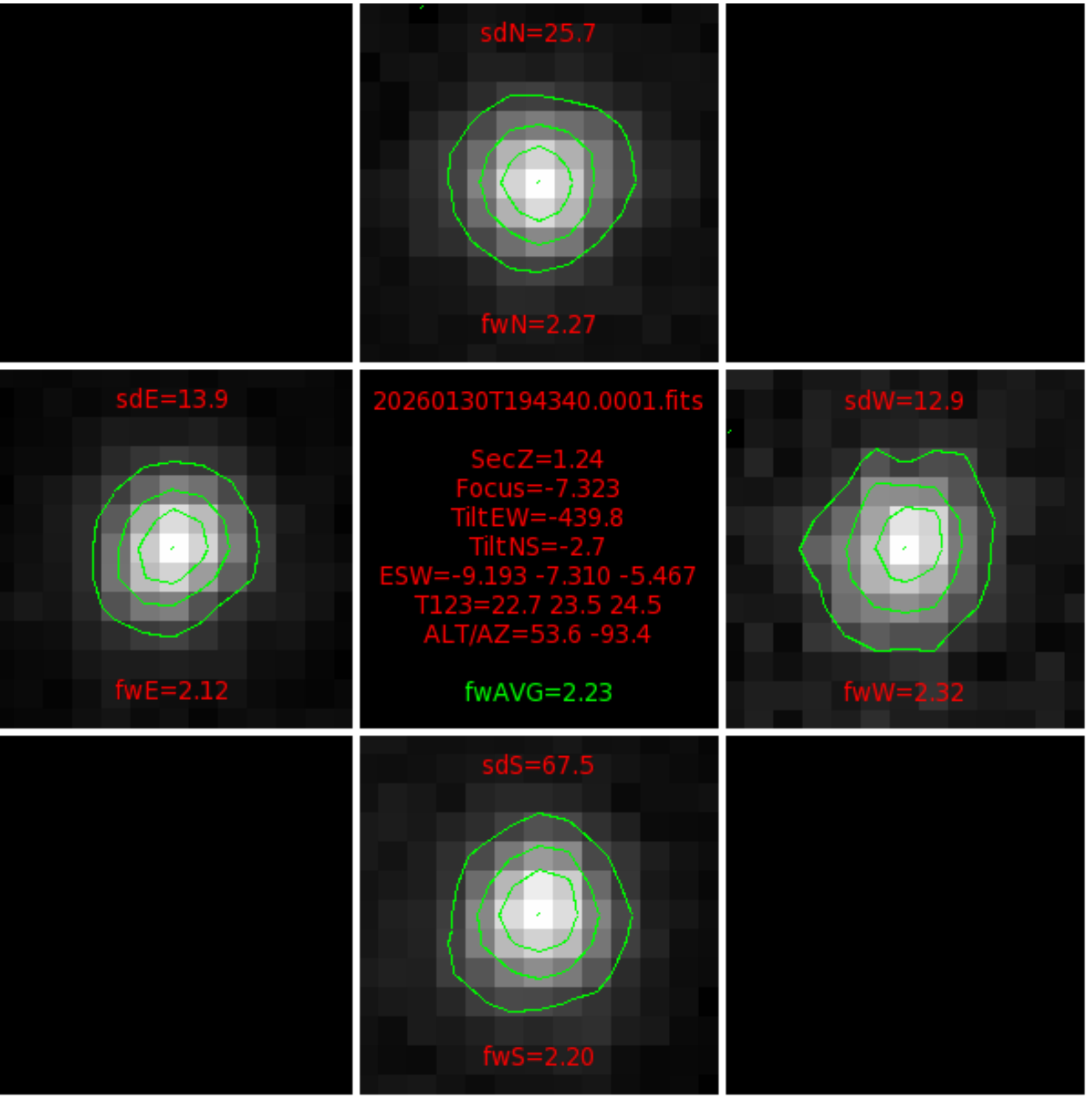
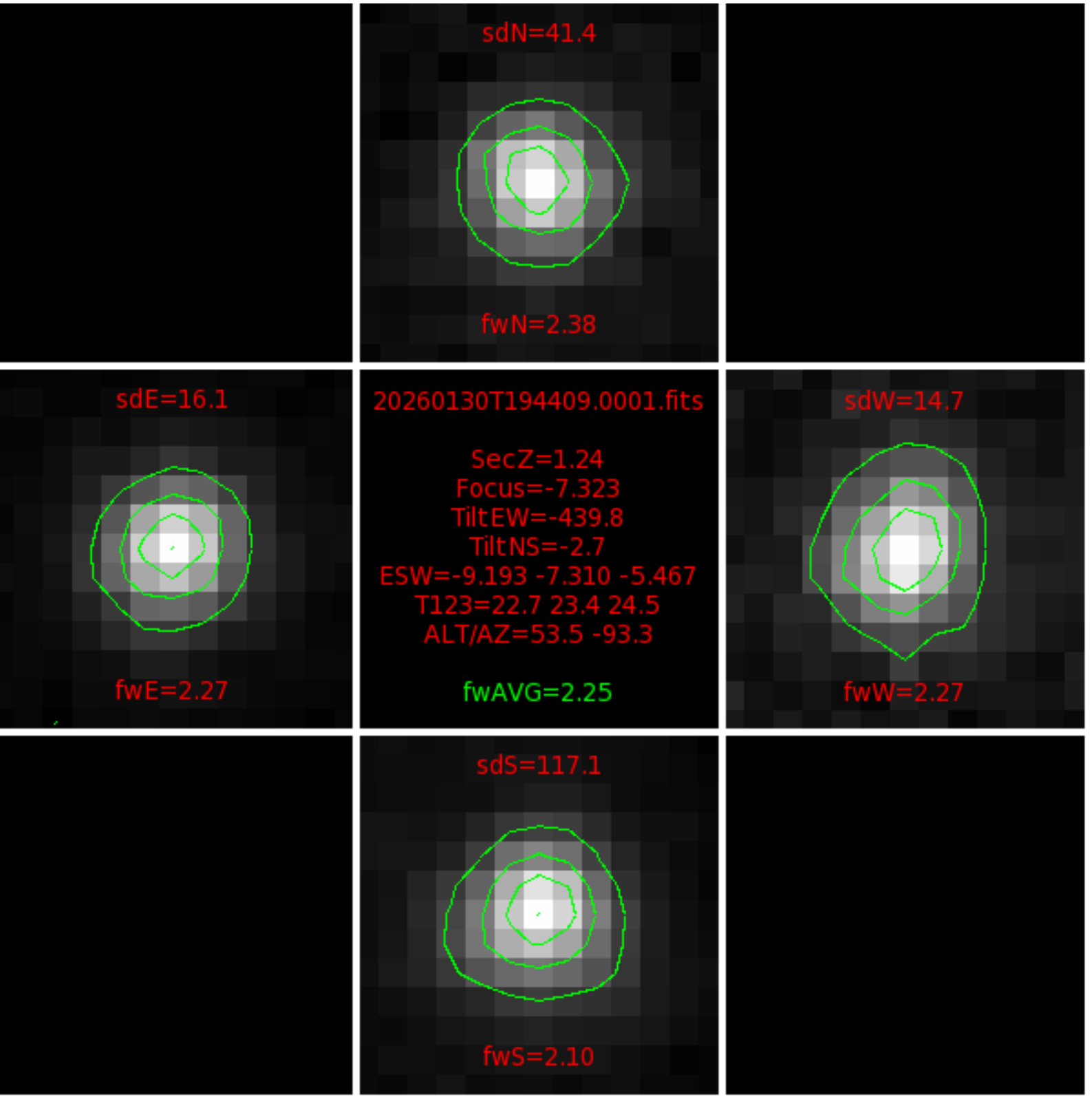

sdN=416.6
fwN=2.37
sdE=52.8
fwE=2.66
20260130T194132.0001.fits
SecZ=1.23
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.8 23.5 24.5
ALT/AZ=54.1 -93.7
fwAVG=2.50
sdW=384.8
fwW=2.46
sdS=297.9
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=16.6
fwN=2.68
sdE=12.6
fwE=2.32
20260130T194203.0001.fits
SecZ=1.24
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.8 23.5 24.5
ALT/AZ=54.0 -93.6
fwAVG=2.81
sdW=12.2
fwW=3.98
sdS=44.3
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=25.7
fwN=2.27
sdE=13.9
fwE=2.12
20260130T194340.0001.fits
SecZ=1.24
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.7 23.5 24.5
ALT/AZ=53.6 -93.4
fwAVG=2.23
sdW=12.9
fwW=2.32
sdS=67.5
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=41.4
fwN=2.38
sdE=16.1
fwE=2.27
20260130T194409.0001.fits
SecZ=1.24
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.7 23.4 24.5
ALT/AZ=53.5 -93.3
fwAVG=2.25
sdW=14.7
fwW=2.27
sdS=117.1
fwS=2.10
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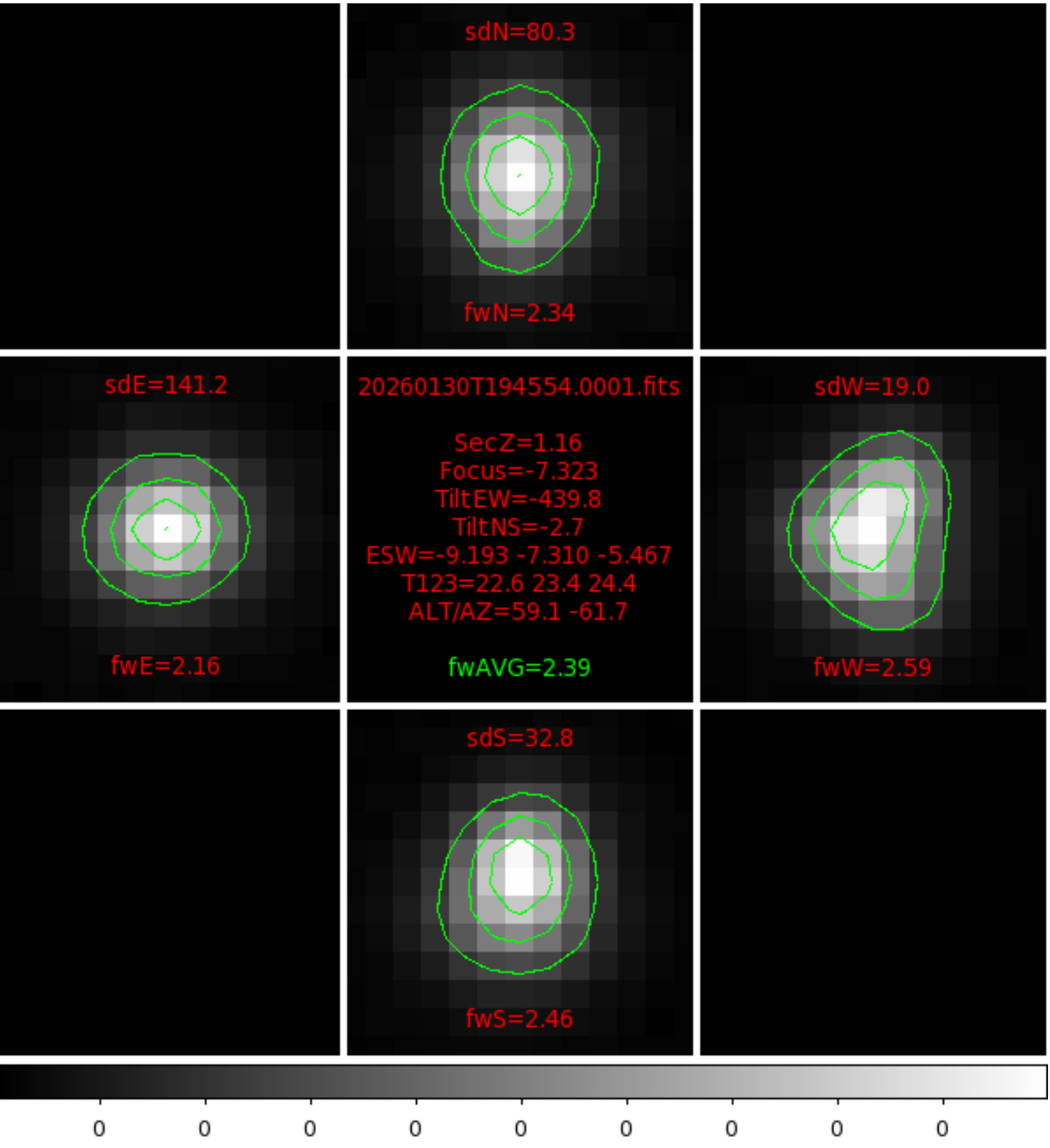
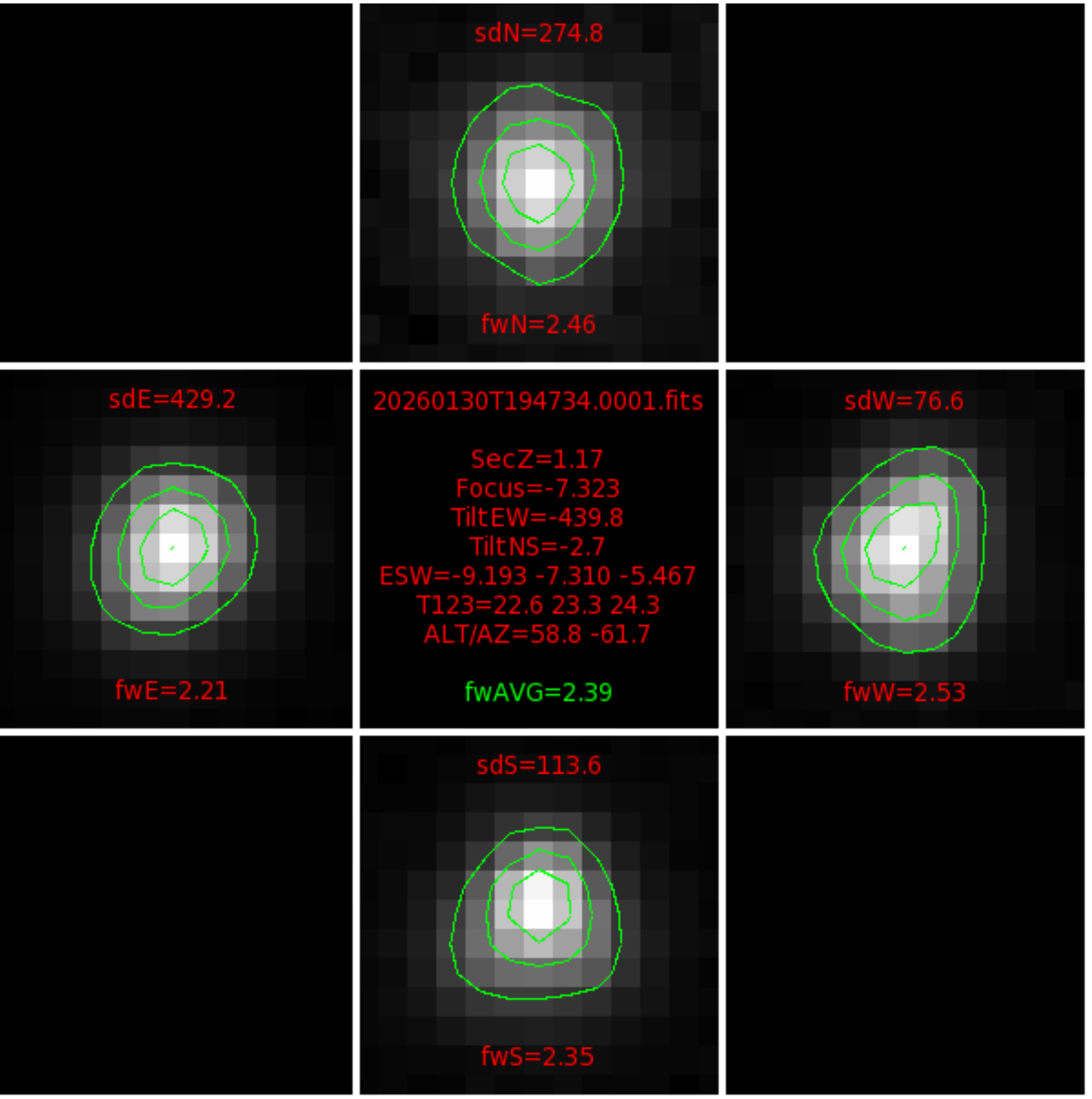
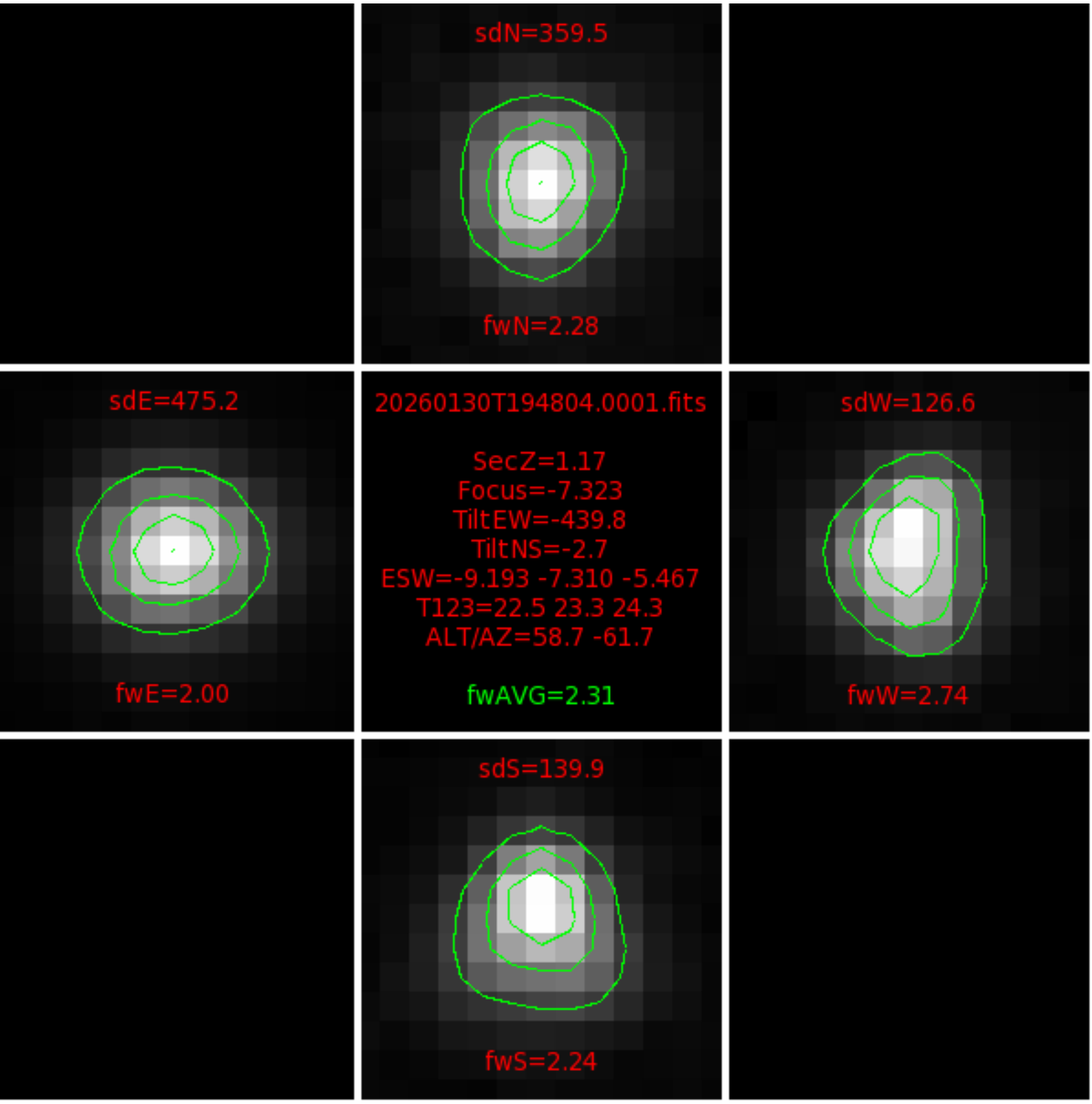

sdN=80.3
fwN=2.34
sdE=141.2
fwE=2.16
20260130T194554.0001.fits
SecZ=1.16
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.6 23.4 24.4
ALT/AZ=59.1 -61.7
fwAVG=2.39
sdW=19.0
fwW=2.59
sdS=32.8
fwS=2.46
0 0 0 0 0 0 0 0 0


sdN=274.8
fwN=2.46
sdE=429.2
fwE=2.21
20260130T194734.0001.fits
SecZ=1.17
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.6 23.3 24.3
ALT/AZ=58.8 -61.7
fwAVG=2.39
sdW=76.6
fwW=2.53
sdS=113.6
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=359.5
fwN=2.28
sdE=475.2
fwE=2.00
20260130T194804.0001.fits
SecZ=1.17
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.5 23.3 24.3
ALT/AZ=58.7 -61.7
fwAVG=2.31
sdW=126.6
fwW=2.74
sdS=139.9
fwS=2.24
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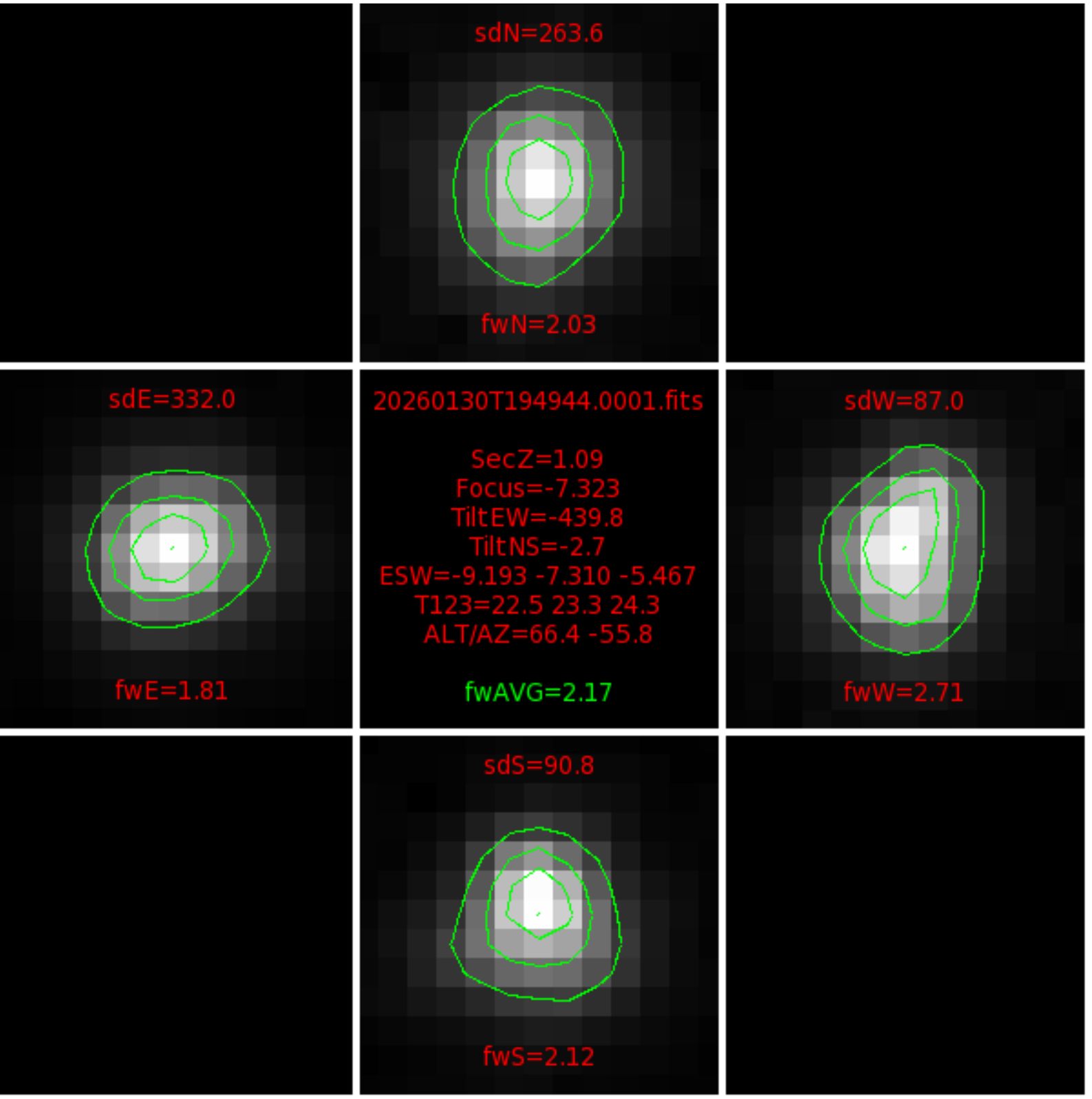
sdN=263.6
fwN=2.03
sdE=332.0
fwE=1.81
20260130T194944.0001.fits
SecZ=1.09
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.5 23.3 24.3
ALT/AZ=66.4 -55.8
fwAVG=2.17
sdW=87.0
fwW=2.71
sdS=90.8
fwS=2.12
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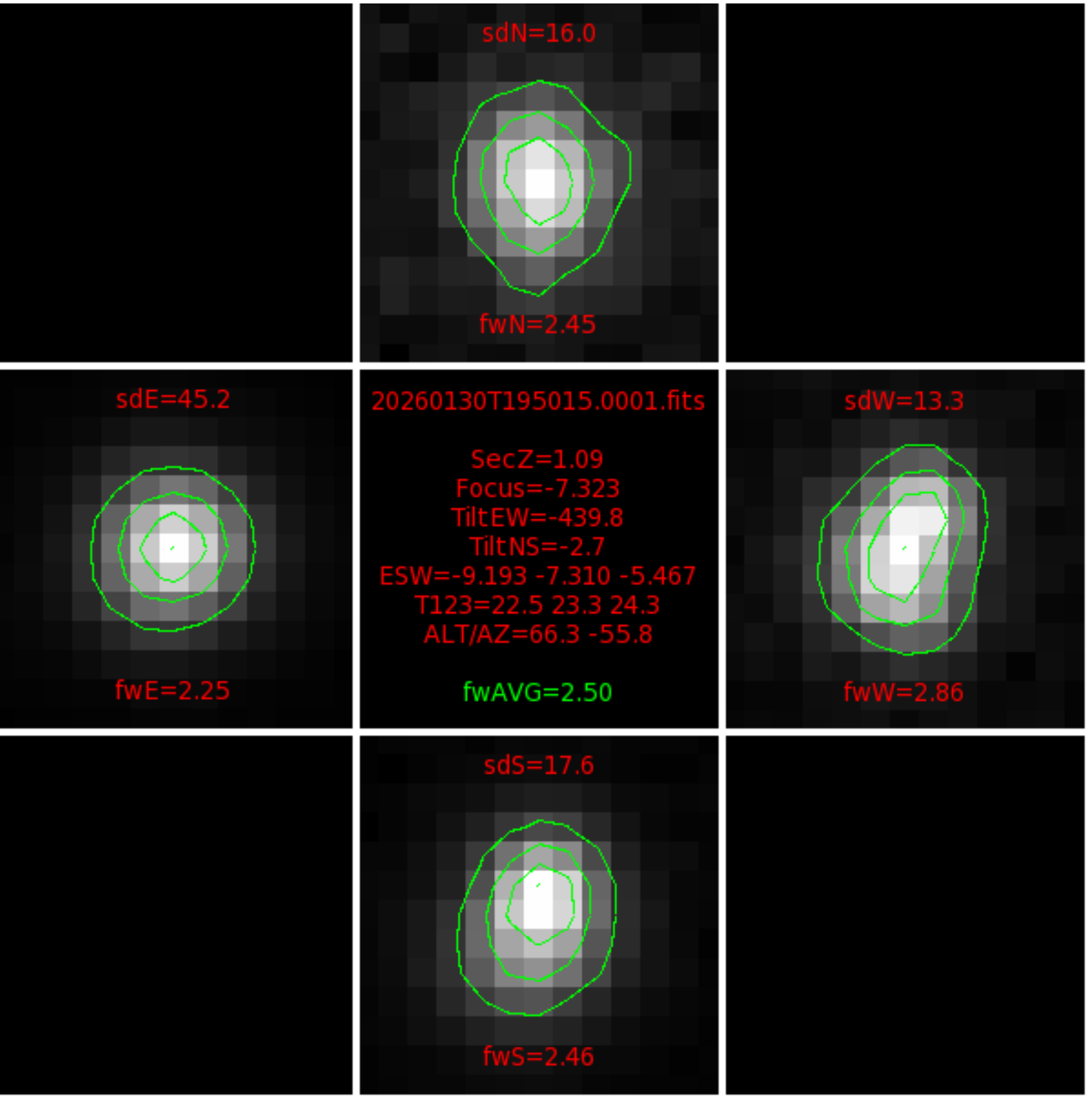
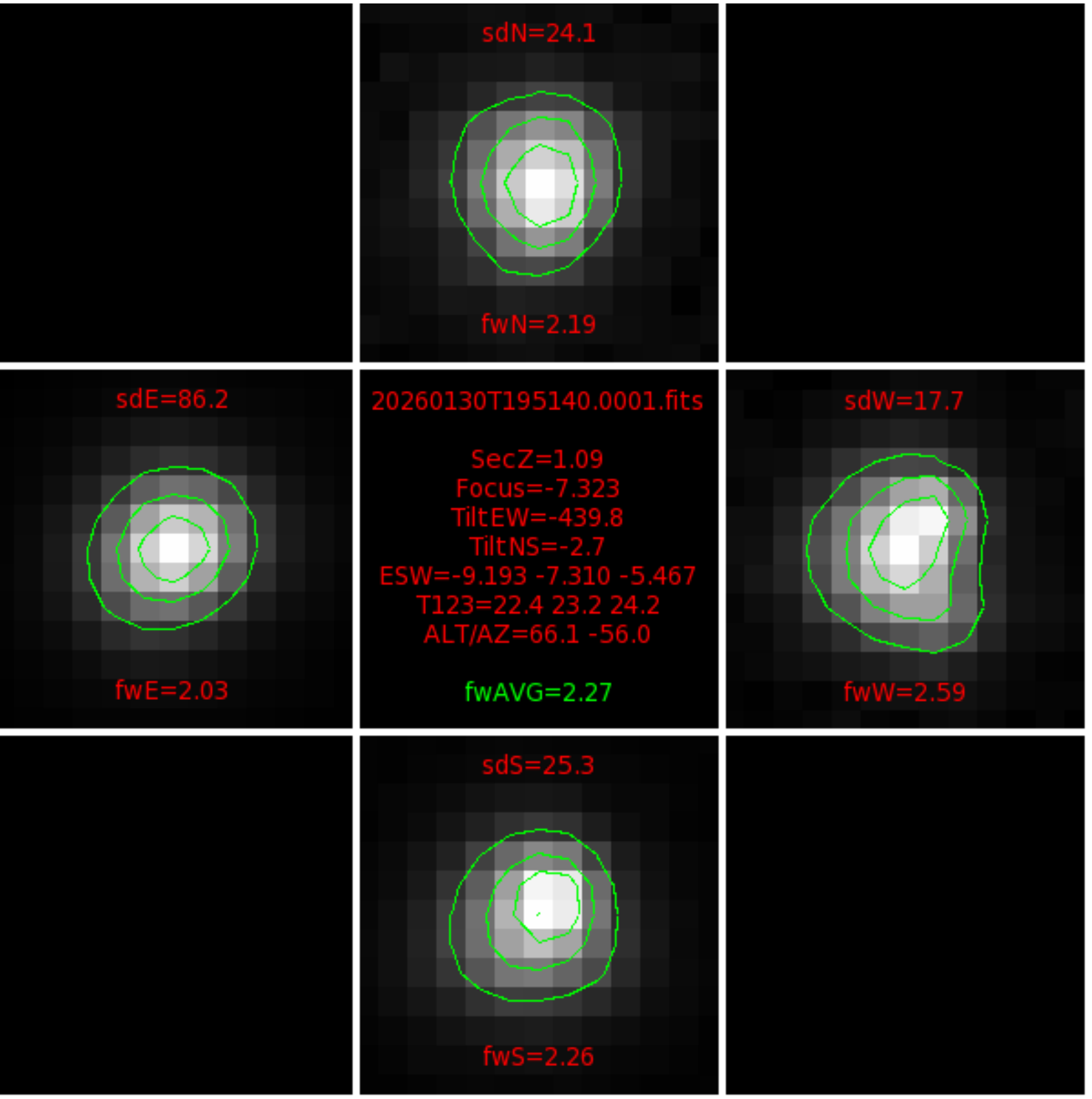

sdN=16.0
fwN=2.45
sdE=45.2
fwE=2.25
20260130T195015.0001.fits
SecZ=1.09
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.5 23.3 24.3
ALT/AZ=66.3 -55.8
fwAVG=2.50
sdW=13.3
fwW=2.86
sdS=17.6
fwS=2.46
0 0 0 0 0 0 0 0 0


sdN=24.1
fwN=2.19
sdE=86.2
fwE=2.03
20260130T195140.0001.fits
SecZ=1.09
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.4 23.2 24.2
ALT/AZ=66.1 -56.0
fwAVG=2.27
sdW=17.7
fwW=2.59
sdS=25.3
fwS=2.26
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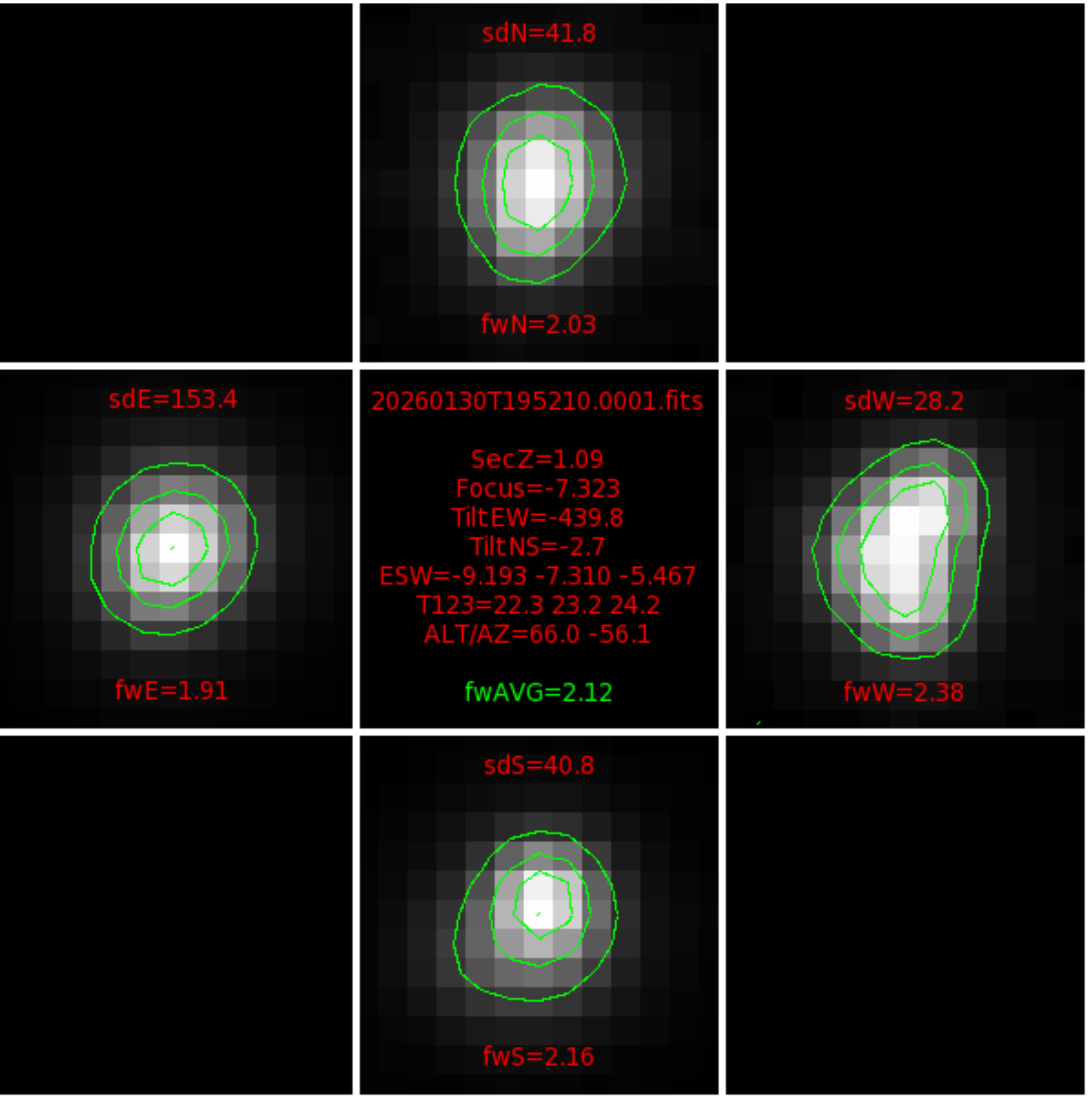
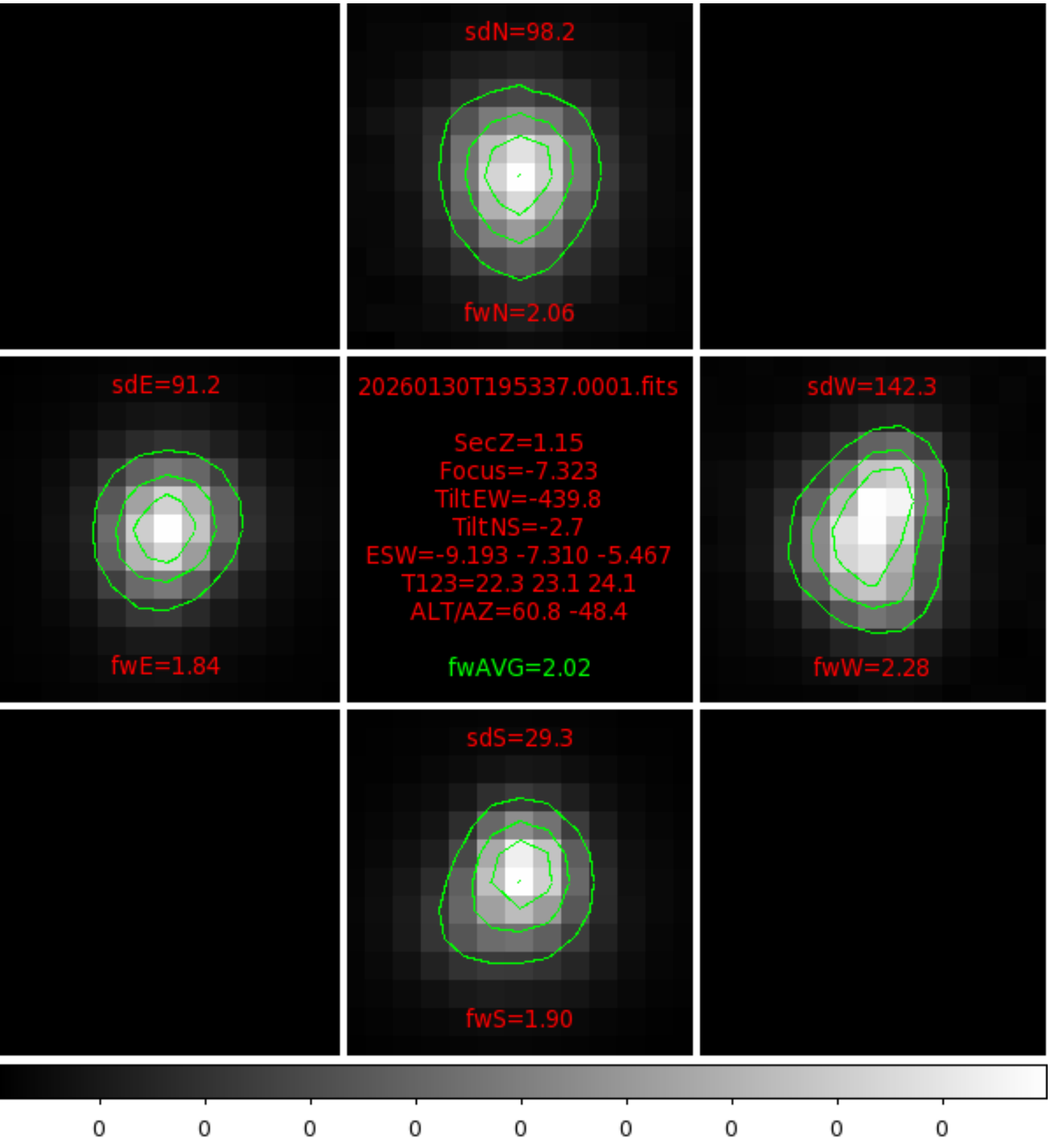
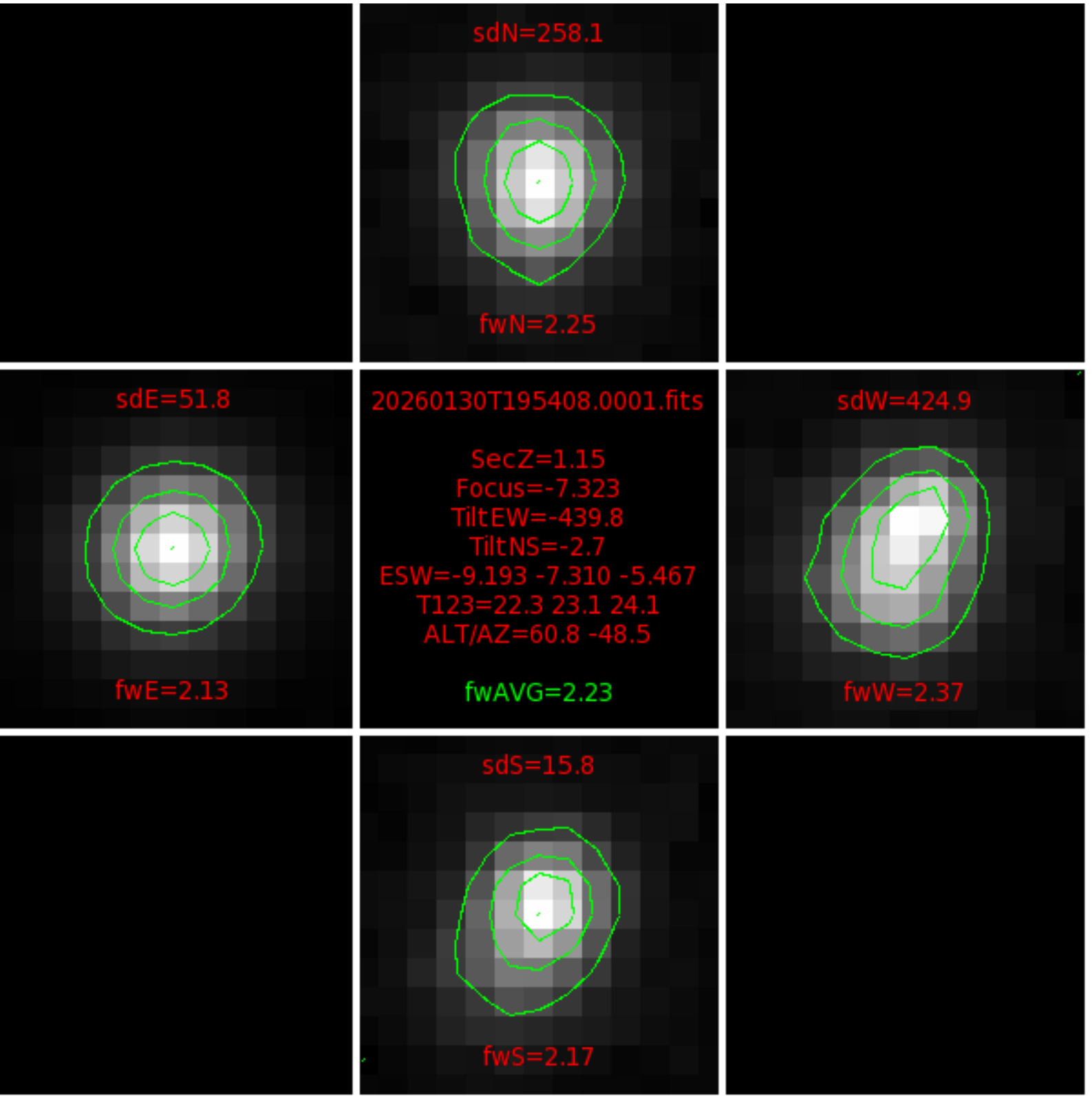
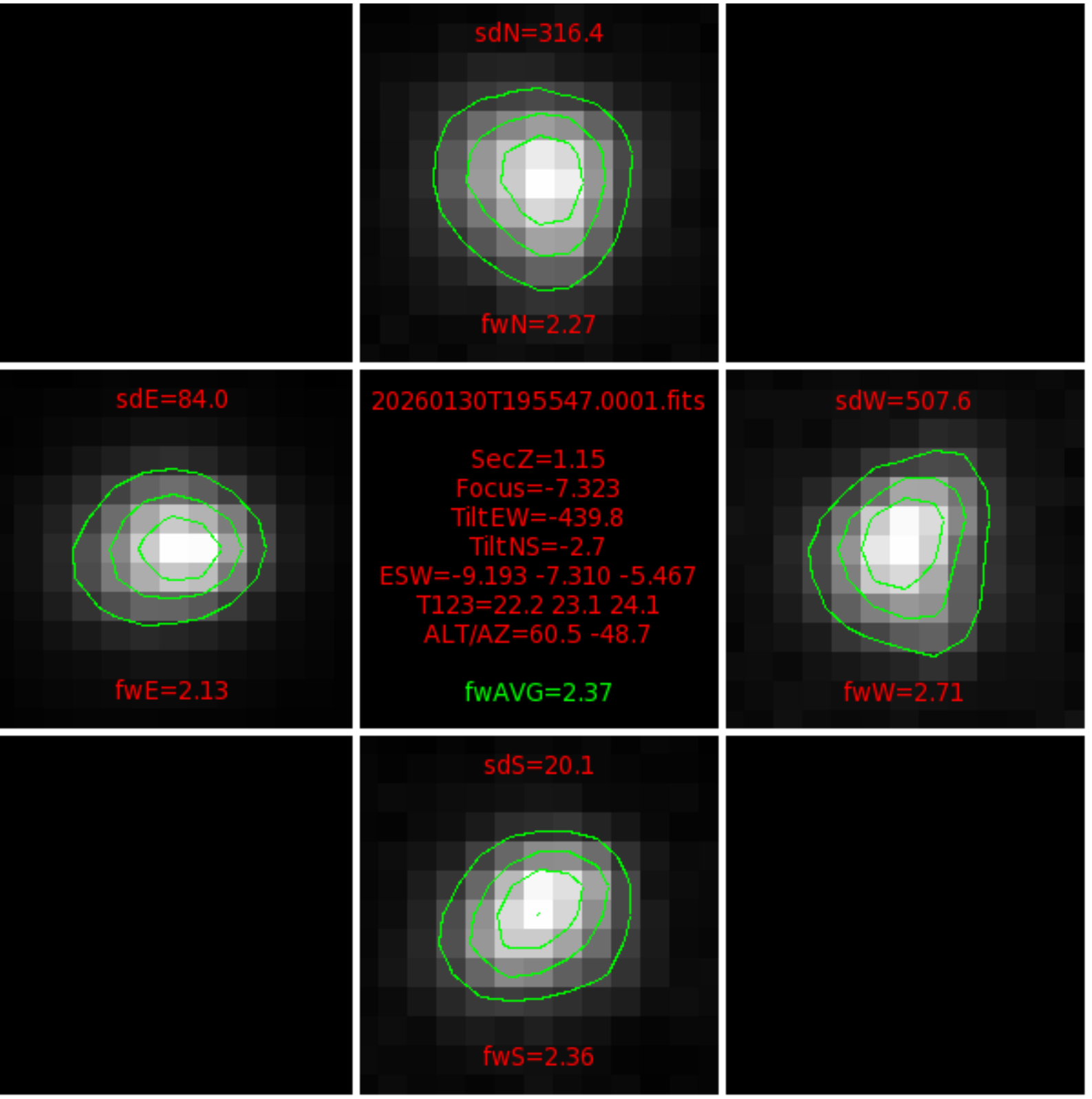

sdN=41.8
fwN=2.03
sdE=153.4
fwE=1.91
20260130T195210.0001.fits
SecZ=1.09
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.3 23.2 24.2
ALT/AZ=66.0 -56.1
fwAVG=2.12
sdW=28.2
fwW=2.38
sdS=40.8
fwS=2.16
0 0 0 0 0 0 0 0 0


sdN=98.2
fwN=2.06
sdE=91.2
fwE=1.84
20260130T195337.0001.fits
SecZ=1.15
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.3 23.1 24.1
ALT/AZ=60.8 -48.4
fwAVG=2.02
sdW=142.3
fwW=2.28
sdS=29.3
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=258.1
fwN=2.25
sdE=51.8
fwE=2.13
20260130T195408.0001.fits
SecZ=1.15
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.3 23.1 24.1
ALT/AZ=60.8 -48.5
fwAVG=2.23
sdW=424.9
fwW=2.37
sdS=15.8
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=316.4
fwN=2.27
sdE=84.0
fwE=2.13
20260130T195547.0001.fits
SecZ=1.15
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.2 23.1 24.1
ALT/AZ=60.5 -48.7
fwAVG=2.37
sdW=507.6
fwW=2.71
sdS=20.1
fwS=2.36
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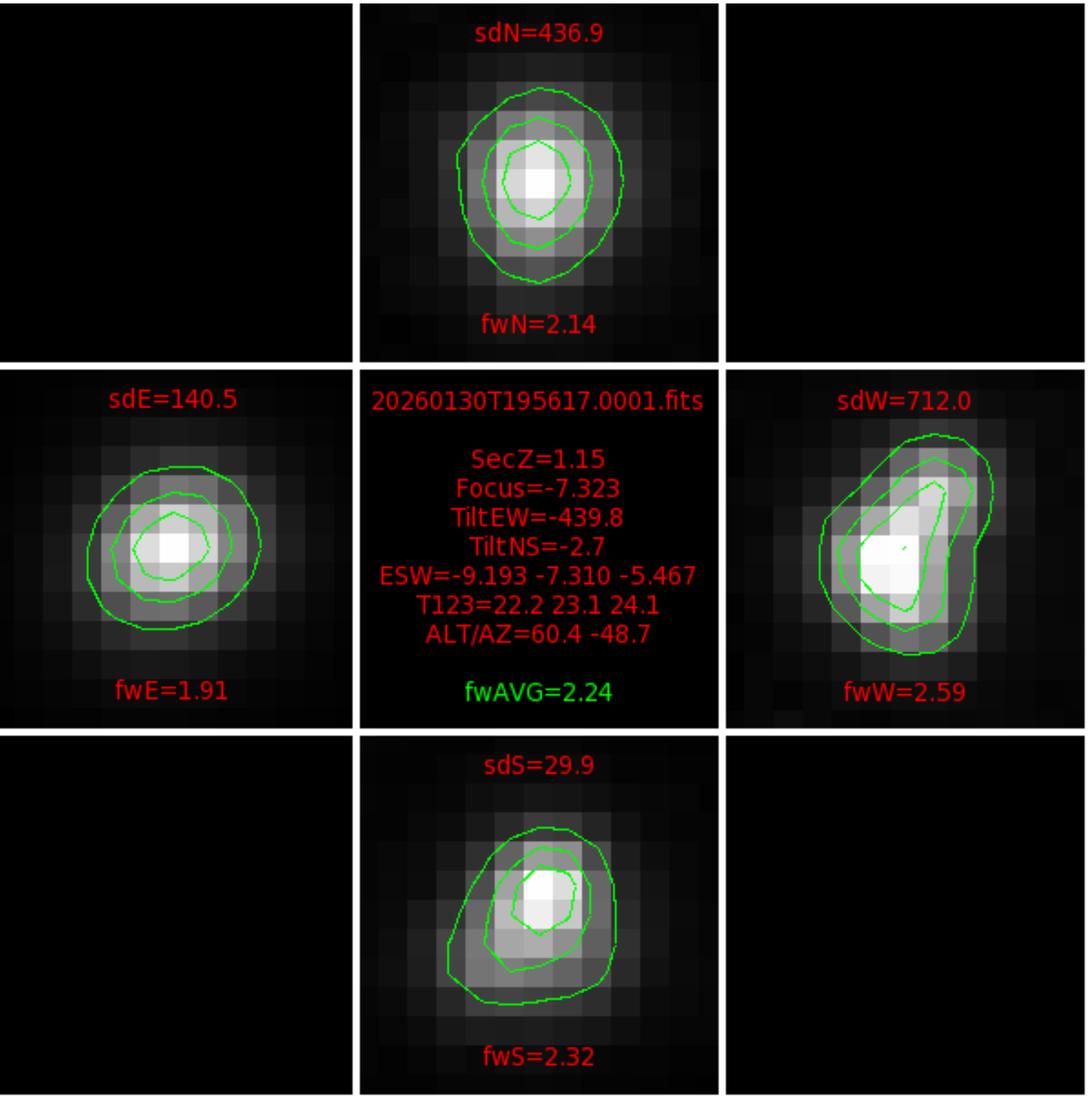
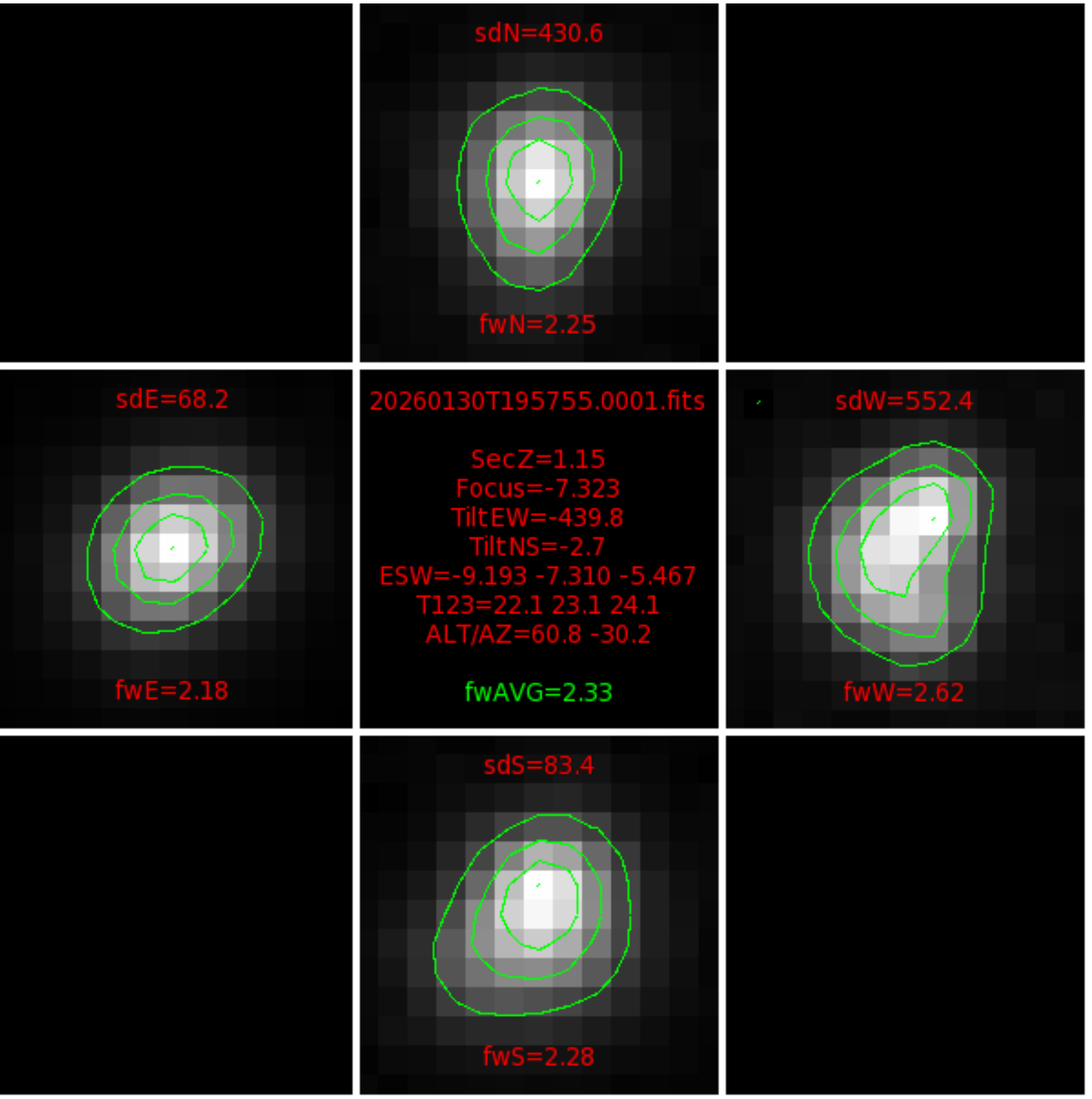
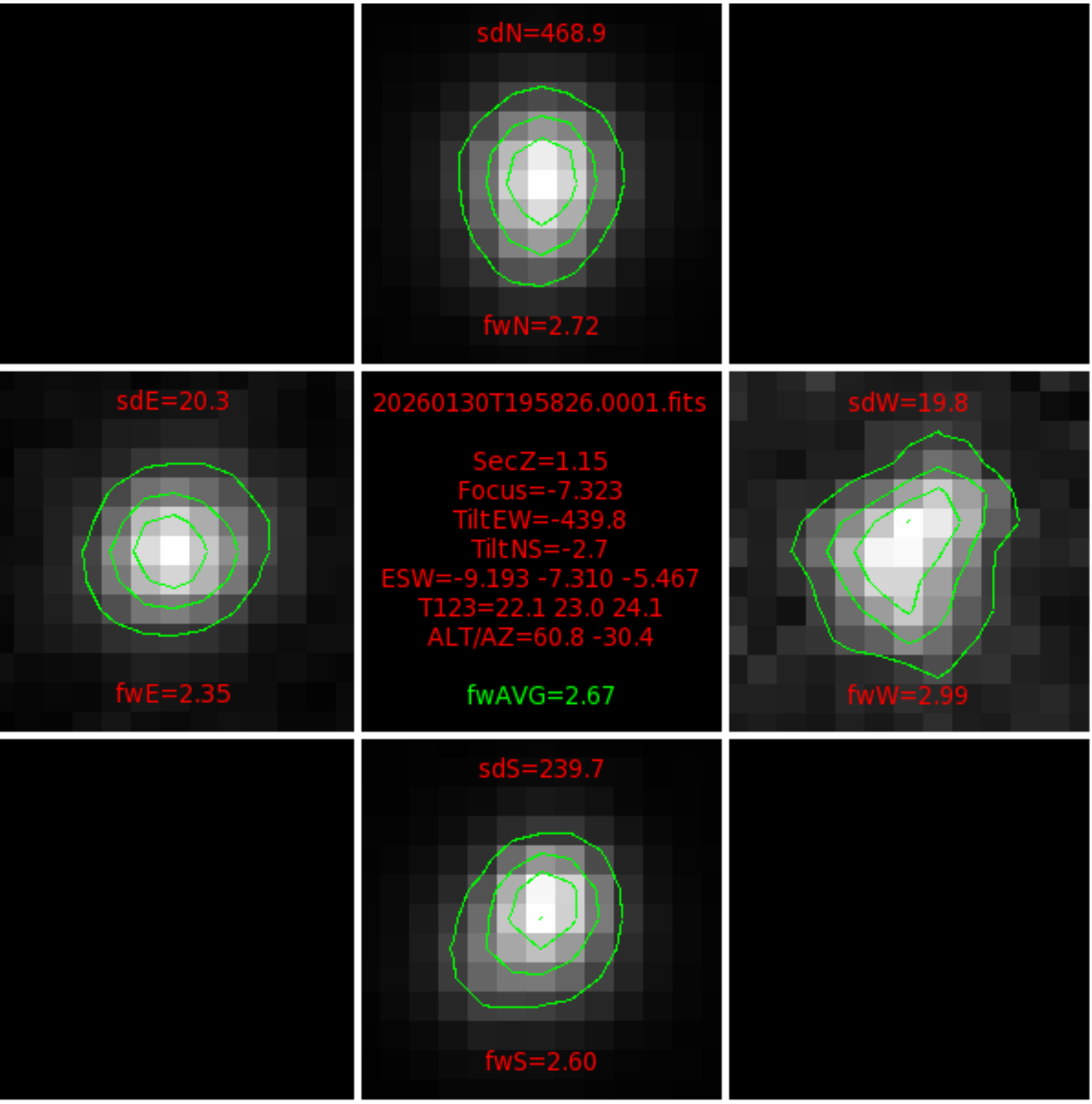

sdN=436.9
fwN=2.14
sdE=140.5
fwE=1.91
20260130T195617.0001.fits
SecZ=1.15
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.2 23.1 24.1
ALT/AZ=60.4 -48.7
fwAVG=2.24
sdW=712.0
fwW=2.59
sdS=29.9
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=430.6
fwN=2.25
sdE=68.2
fwE=2.18
20260130T195755.0001.fits
SecZ=1.15
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.1 23.1 24.1
ALT/AZ=60.8 -30.2
fwAVG=2.33
sdW=552.4
fwW=2.62
sdS=83.4
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=468.9
fwN=2.72
sdE=20.3
fwE=2.35
20260130T195826.0001.fits
SecZ=1.15
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.1 23.0 24.1
ALT/AZ=60.8 -30.4
fwAVG=2.67
sdW=19.8
fwW=2.99
sdS=239.7
fwS=2.60
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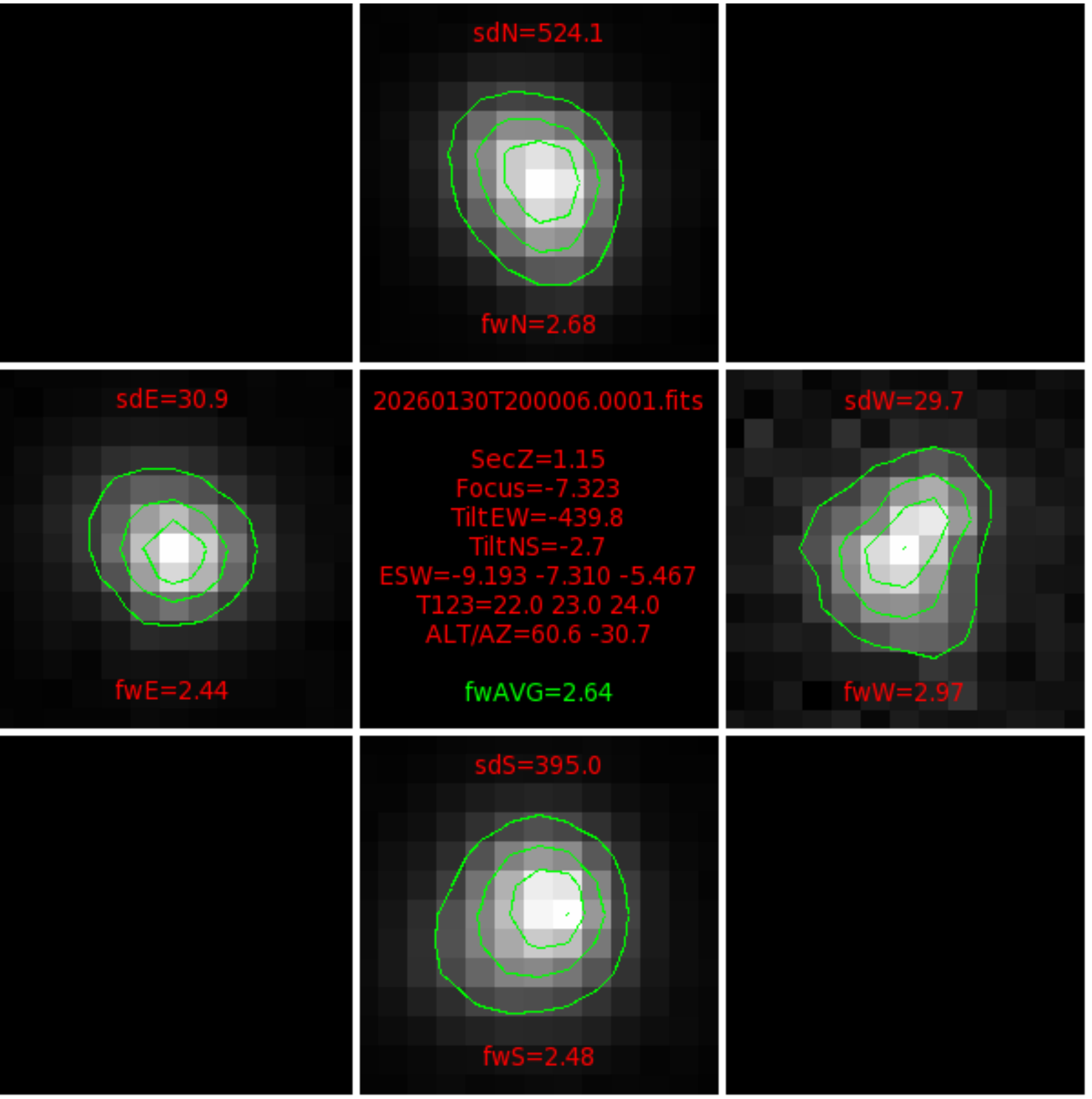
sdN=524.1
fwN=2.68
sdE=30.9
fwE=2.44
20260130T200006.0001.fits
SecZ=1.15
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.0 23.0 24.0
ALT/AZ=60.6 -30.7
fwAVG=2.64
sdW=29.7
fwW=2.97
sdS=395.0
fwS=2.48
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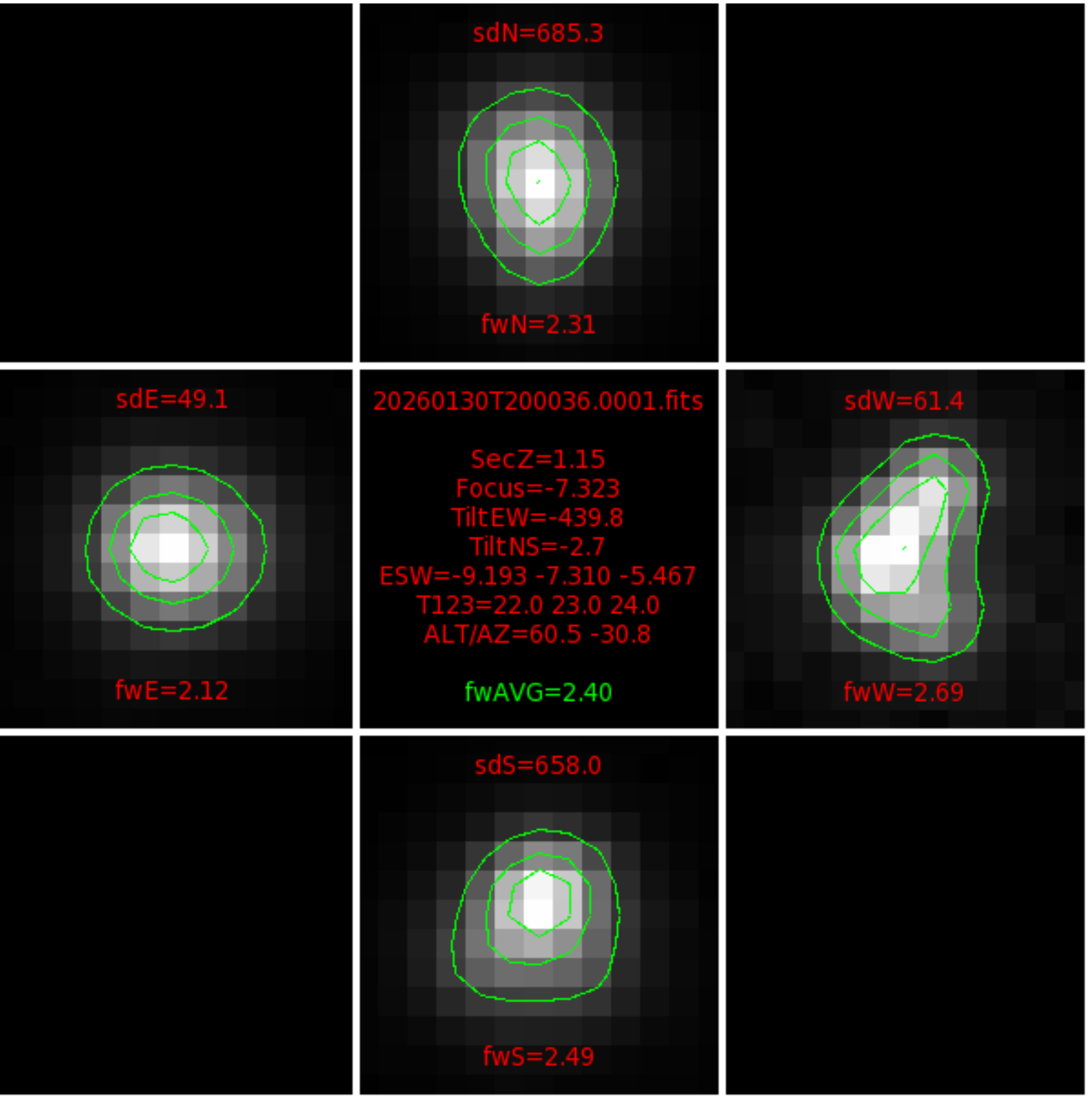
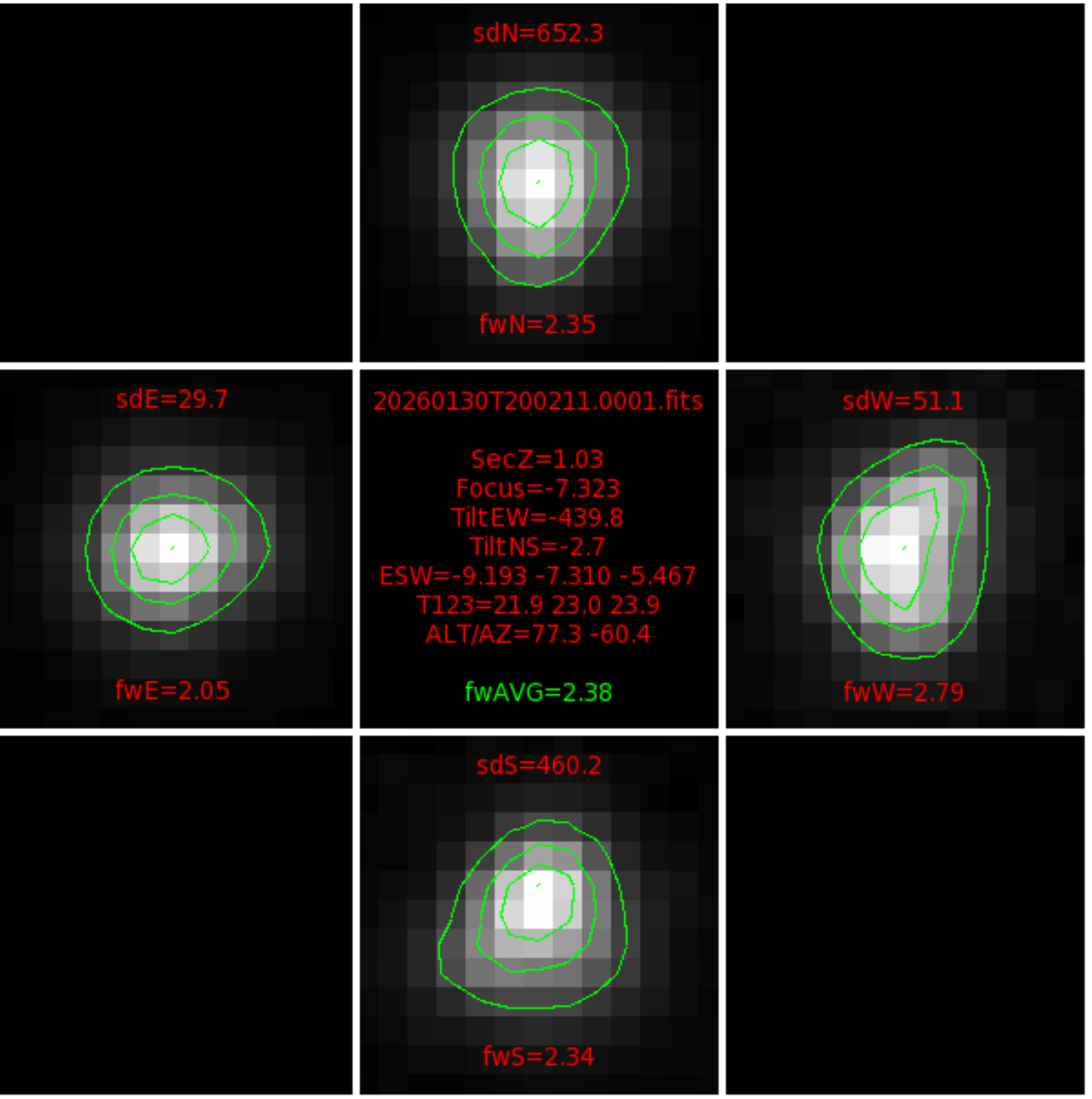

sdN=685.3
fwN=2.31
sdE=49.1
fwE=2.12
20260130T200036.0001.fits
SecZ=1.15
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=22.0 23.0 24.0
ALT/AZ=60.5 -30.8
fwAVG=2.40
sdW=61.4
fwW=2.69
sdS=658.0
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=652.3
fwN=2.35
sdE=29.7
fwE=2.05
20260130T200211.0001.fits
SecZ=1.03
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=21.9 23.0 23.9
ALT/AZ=77.3 -60.4
fwAVG=2.38
sdW=51.1
fwW=2.79
sdS=460.2
fwS=2.34
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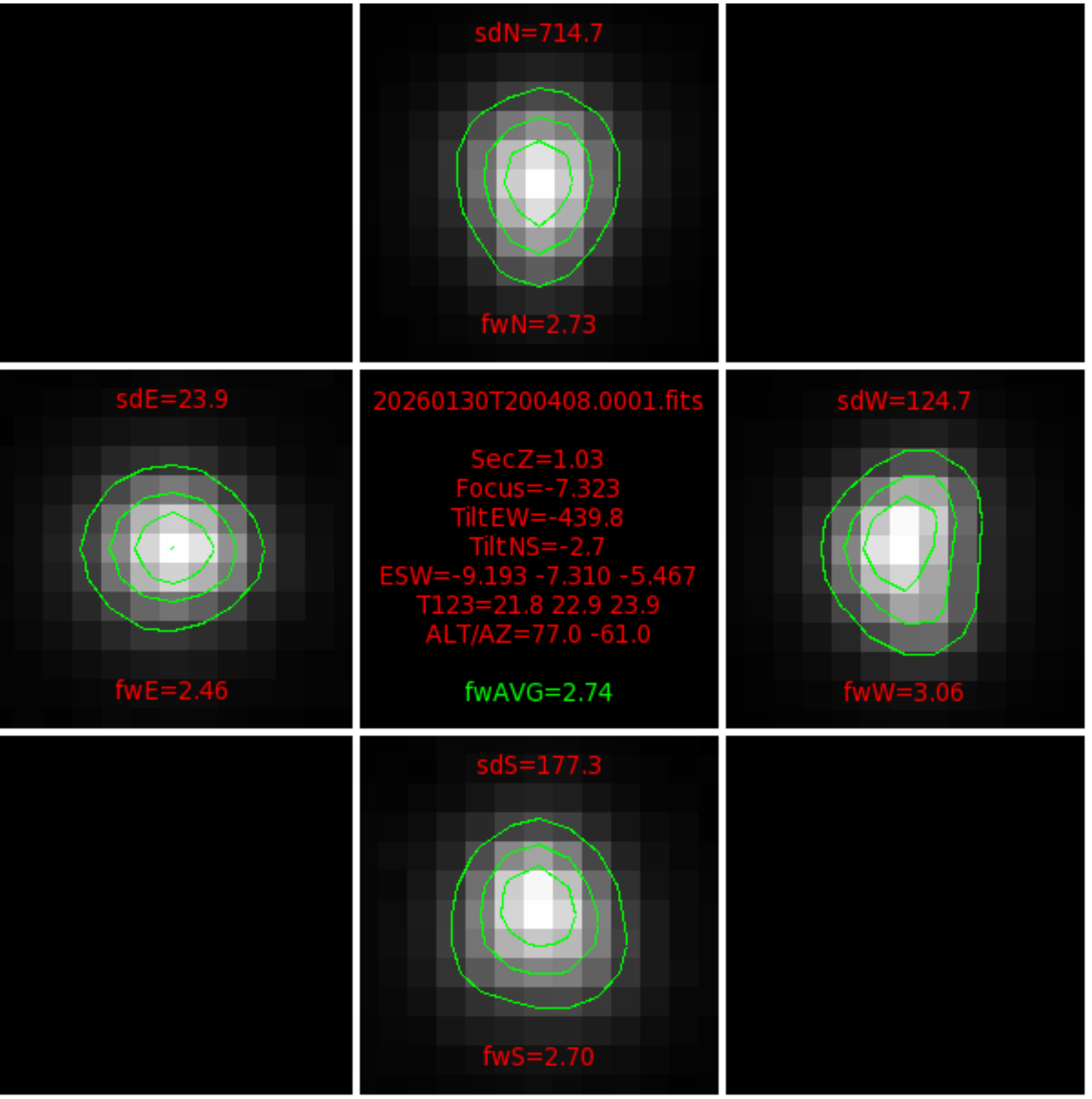
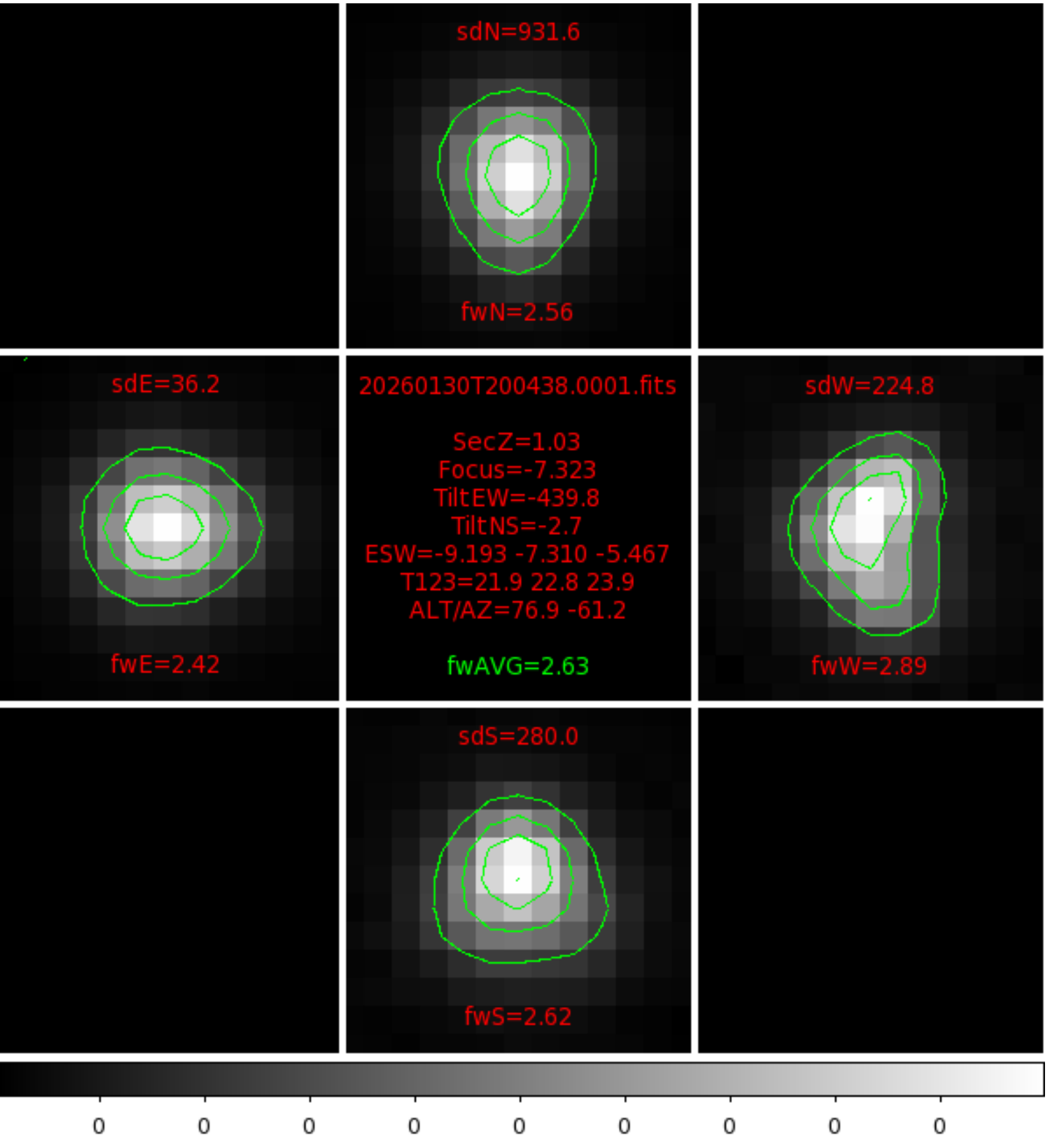

sdN=714.7
fwN=2.73
sdE=23.9
fwE=2.46
20260130T200408.0001.fits
SecZ=1.03
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=21.8 22.9 23.9
ALT/AZ=77.0 -61.0
fwAVG=2.74
sdW=124.7
fwW=3.06
sdS=177.3
fwS=2.70
0 0 0 0 0 0 0 0 0


sdN=931.6
fwN=2.56
sdE=36.2
fwE=2.42
20260130T200438.0001.fits
SecZ=1.03
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=21.9 22.8 23.9
ALT/AZ=76.9 -61.2
fwAVG=2.63
sdW=224.8
fwW=2.89
sdS=280.0
fwS=2.62
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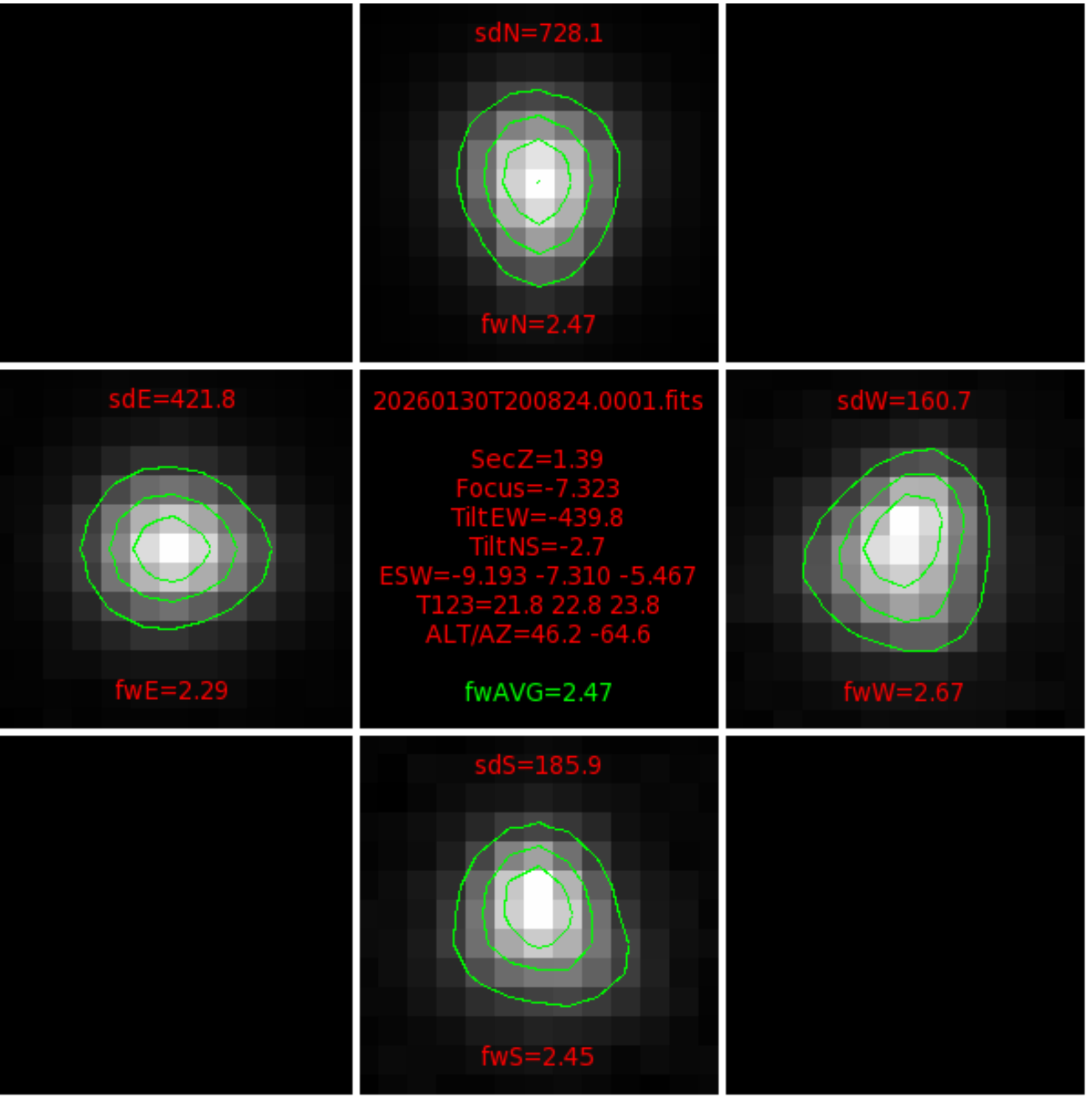
sdN=728.1
fwN=2.47
sdE=421.8
fwE=2.29
20260130T200824.0001.fits
SecZ=1.39
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=21.8 22.8 23.8
ALT/AZ=46.2 -64.6
fwAVG=2.47
sdW=160.7
fwW=2.67
sdS=185.9
fwS=2.45
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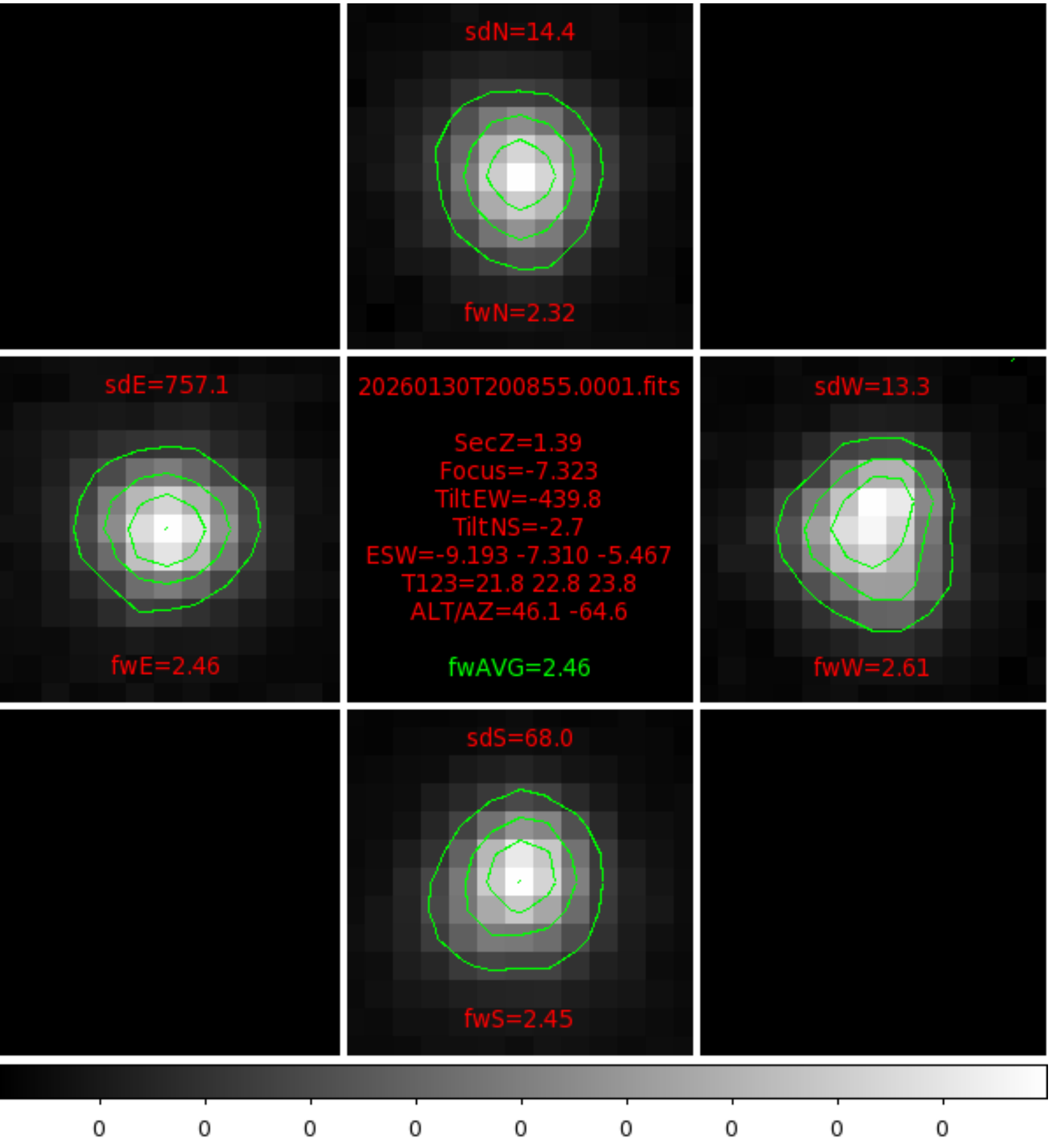
sdN=14.4
fwN=2.32
sdE=757.1
fwE=2.46
20260130T200855.0001.fits
SecZ=1.39
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=21.8 22.8 23.8
ALT/AZ=46.1 -64.6
fwAVG=2.46
sdW=13.3
fwW=2.61
sdS=68.0
fwS=2.45
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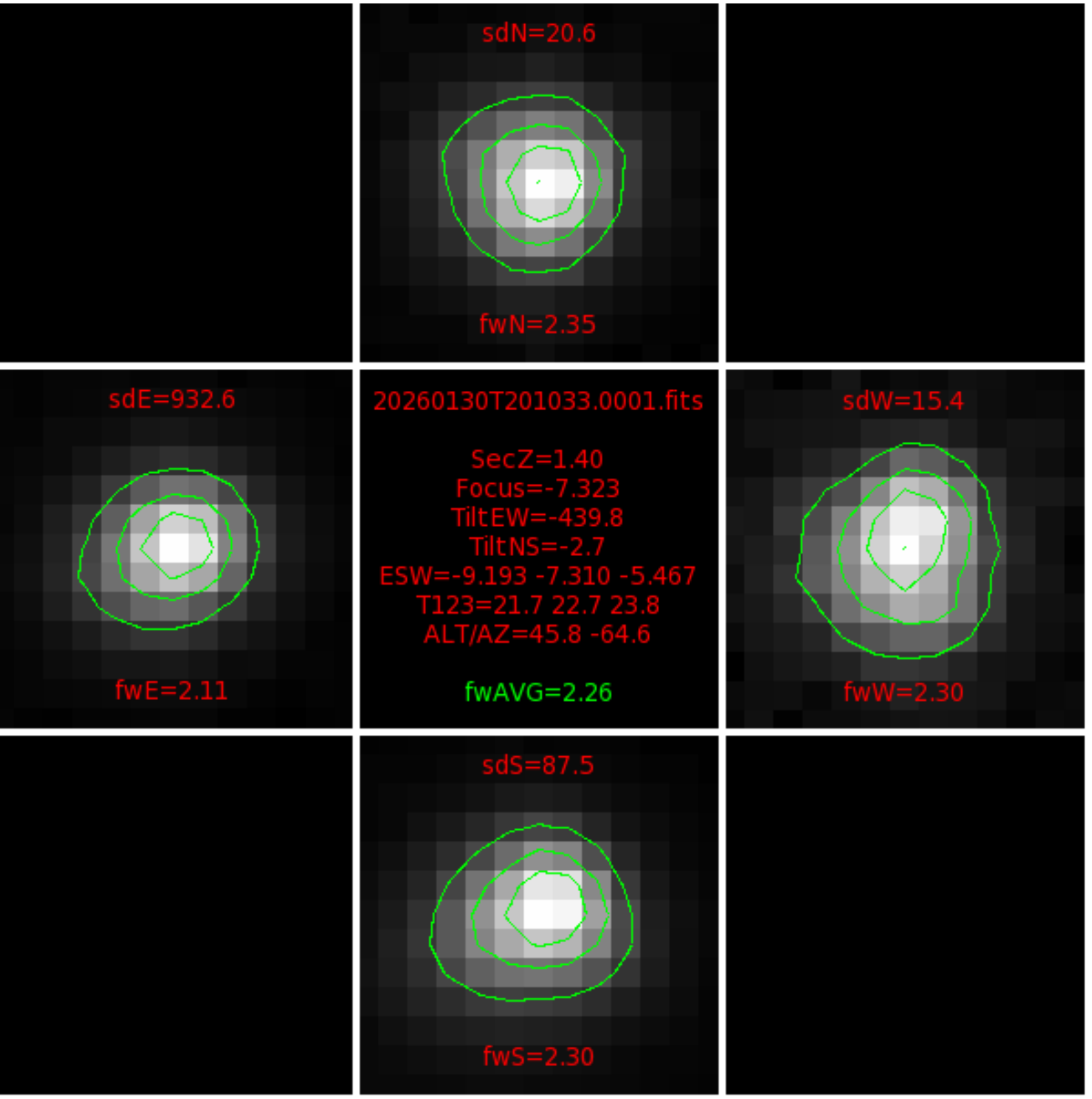
sdN=20.6
fwN=2.35
sdE=932.6
fwE=2.11
20260130T201033.0001.fits
SecZ=1.40
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=21.7 22.7 23.8
ALT/AZ=45.8 -64.6
fwAVG=2.26
sdW=15.4
fwW=2.30
sdS=87.5
fwS=2.30
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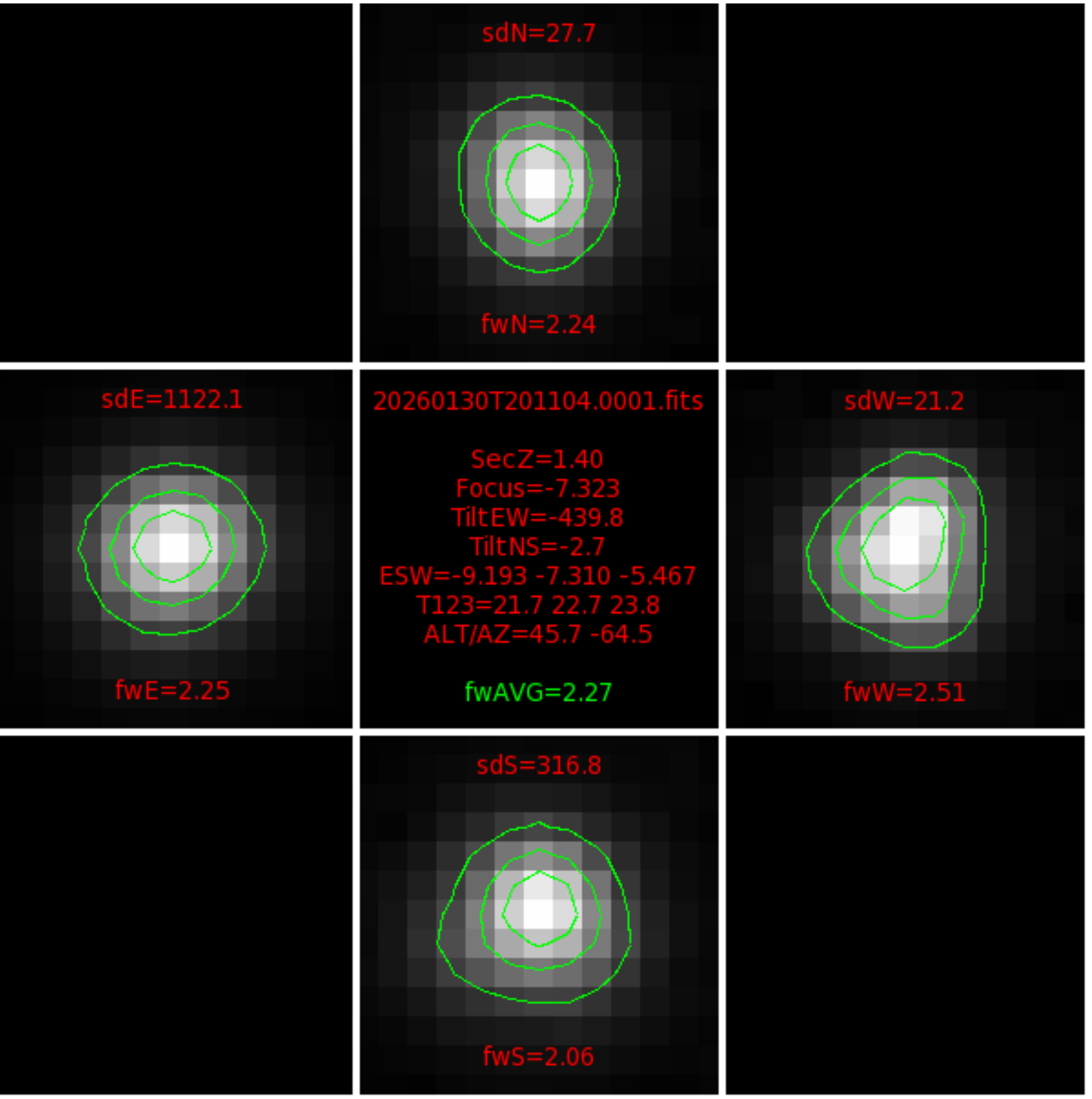
sdN=27.7
fwN=2.24
sdE=1122.1
fwE=2.25
20260130T201104.0001.fits
SecZ=1.40
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=21.7 22.7 23.8
ALT/AZ=45.7 -64.5
fwAVG=2.27
sdW=21.2
fwW=2.51
sdS=316.8
fwS=2.06
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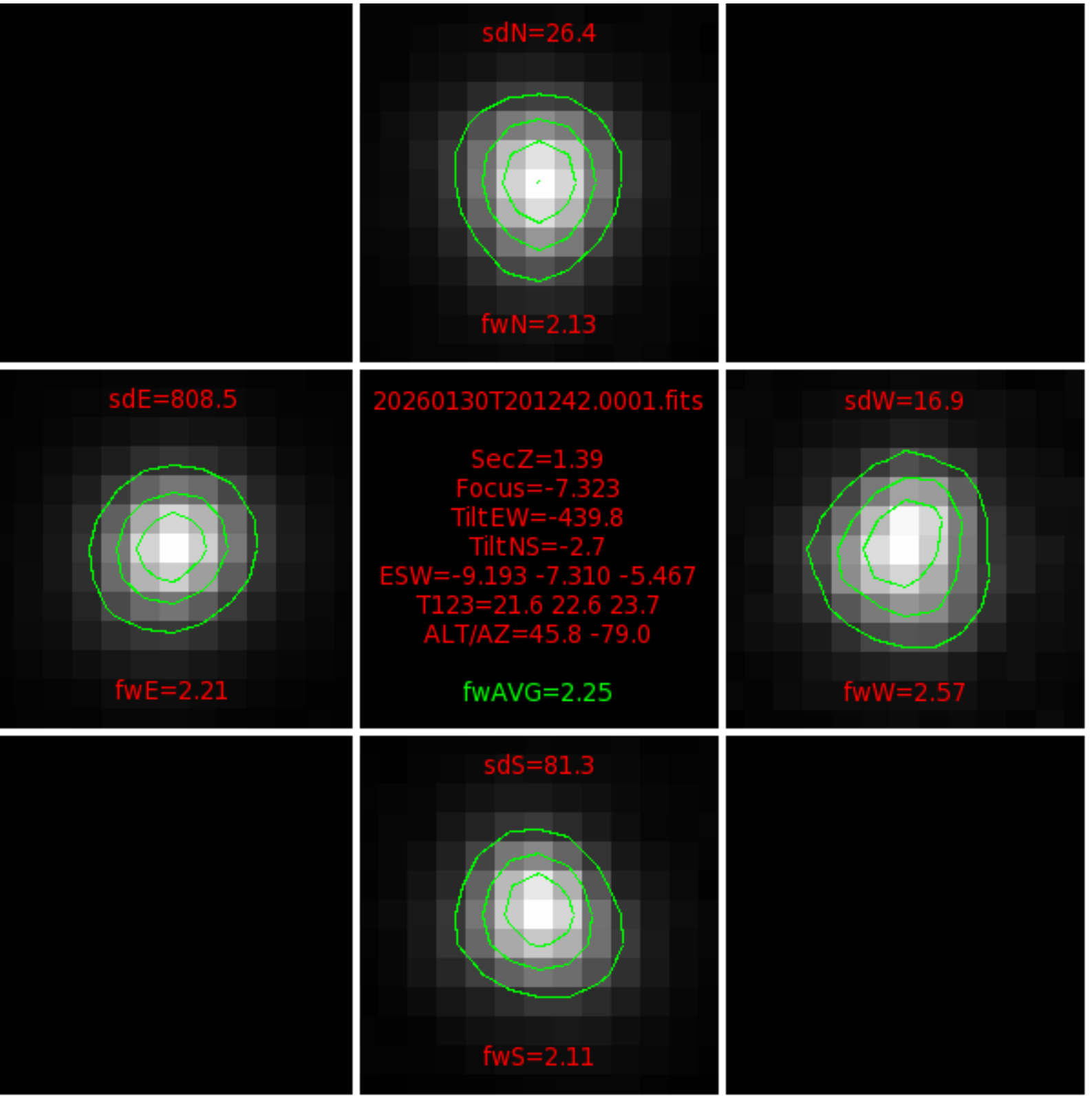
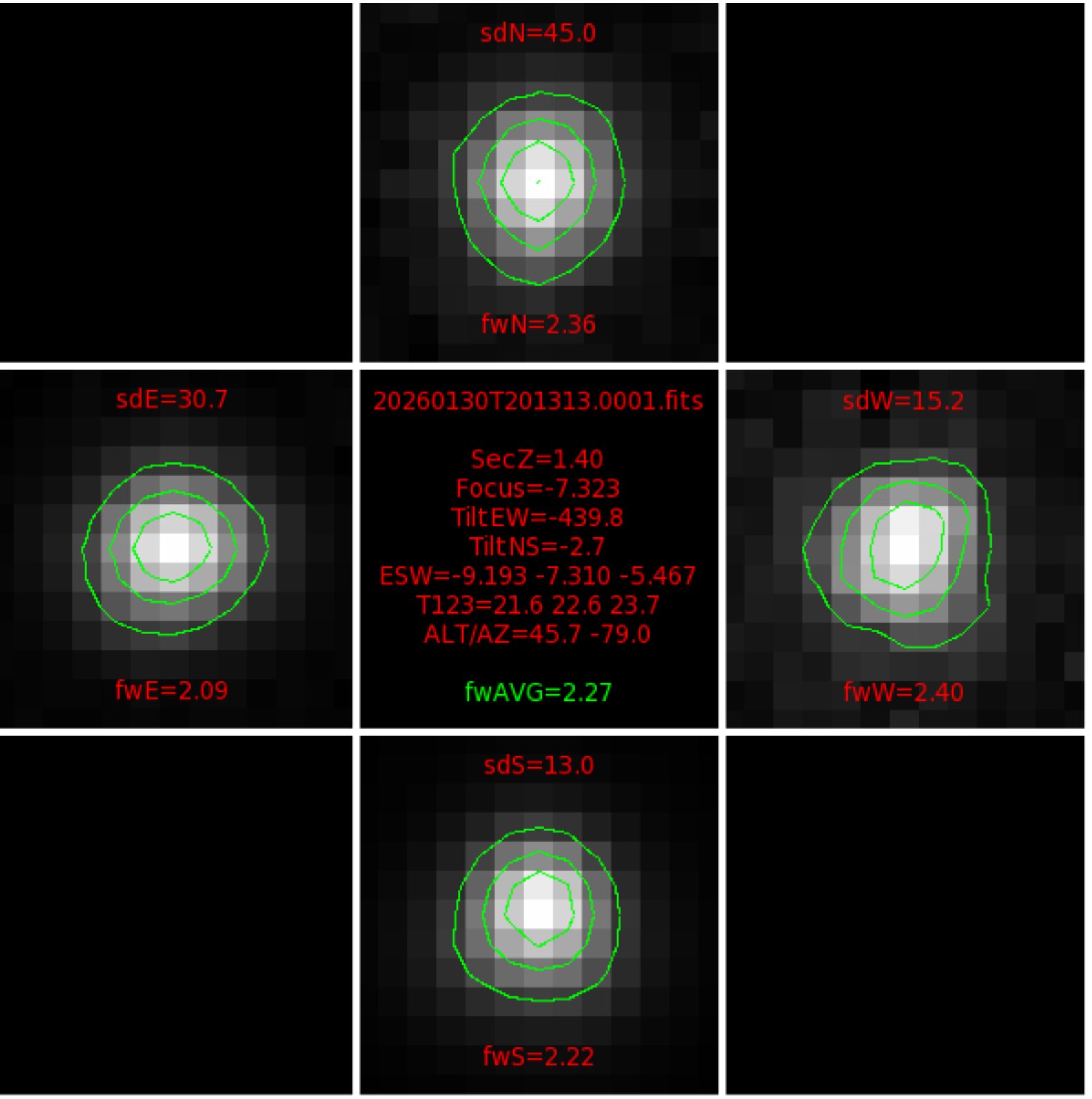
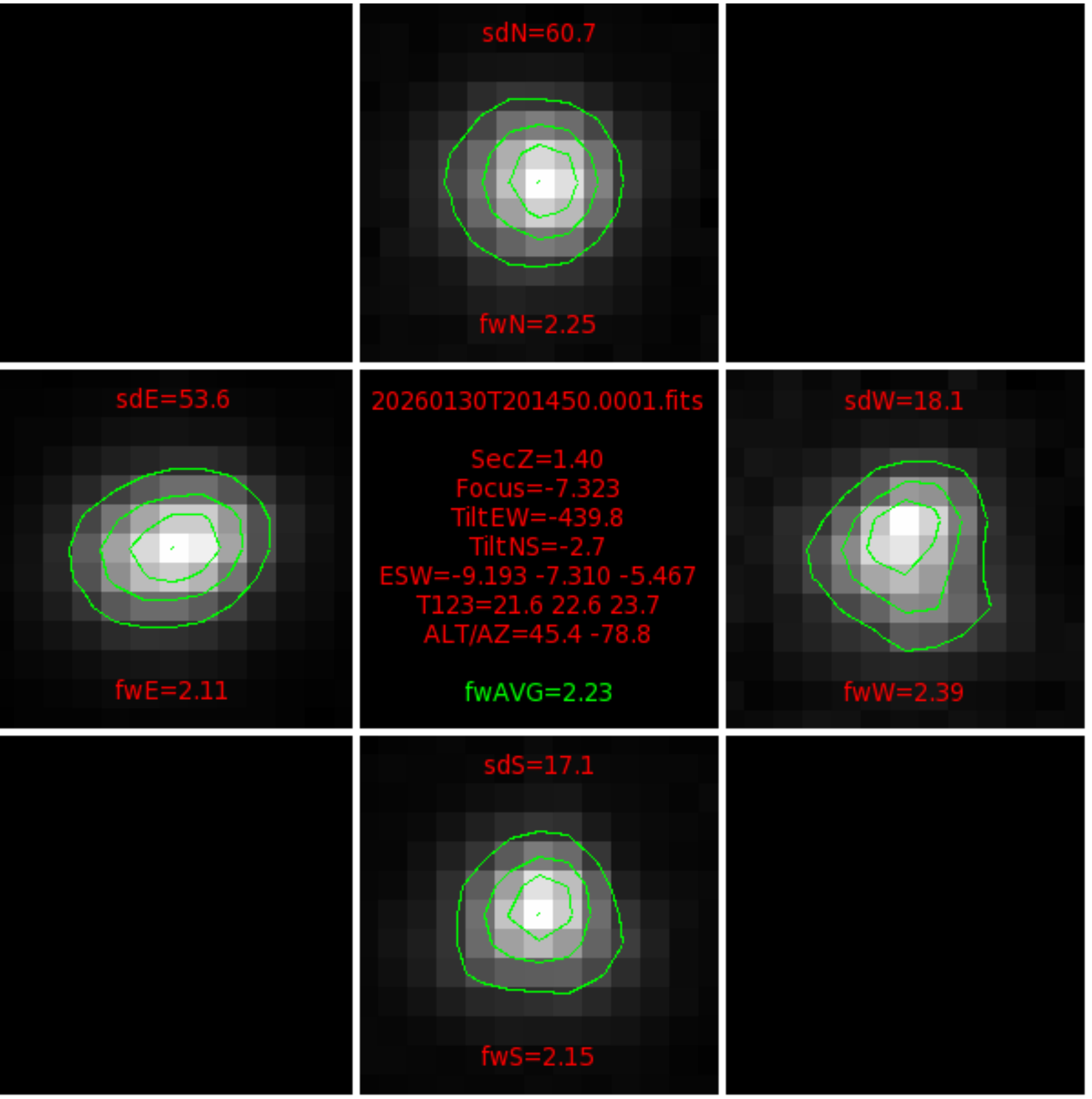
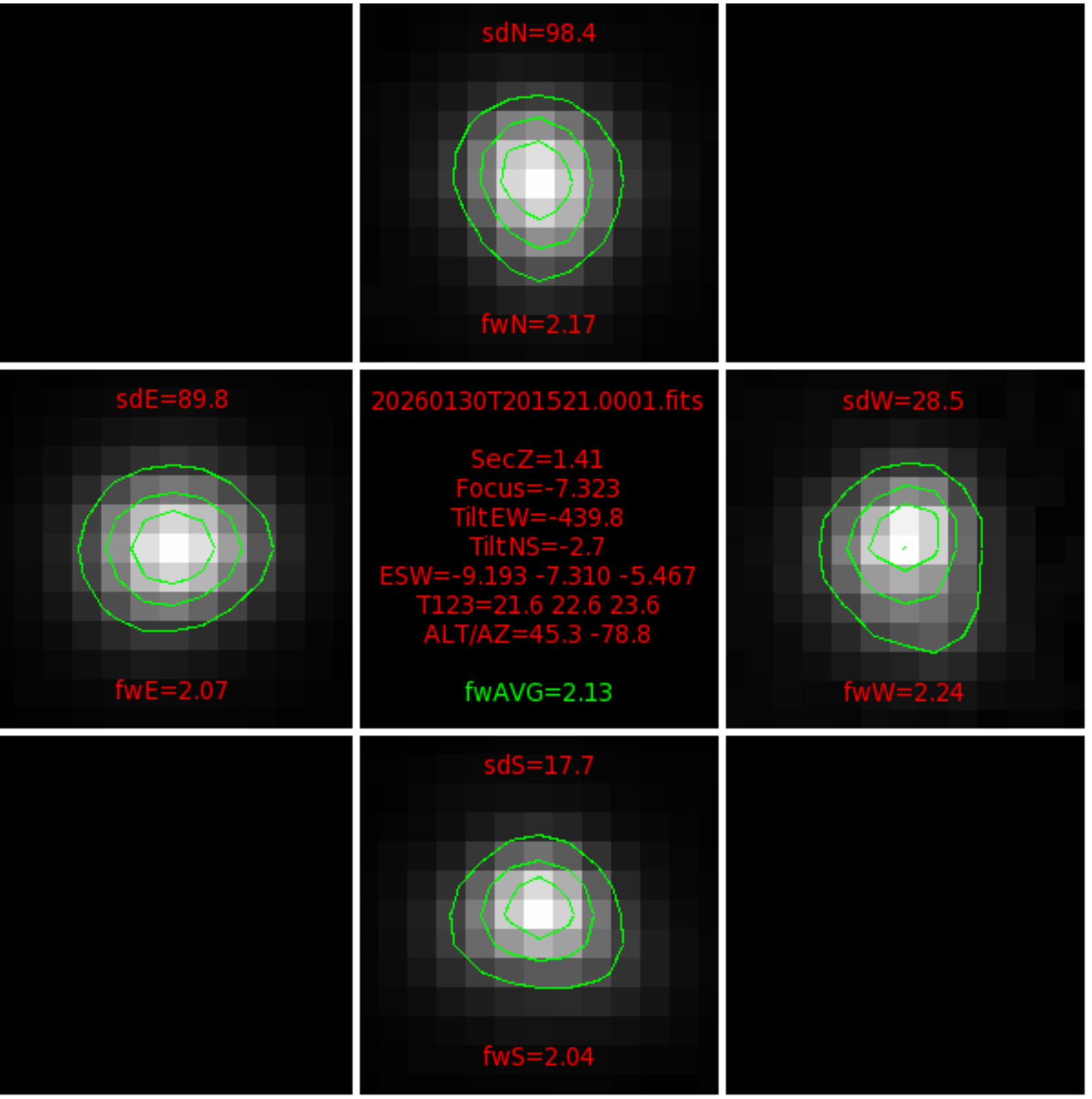
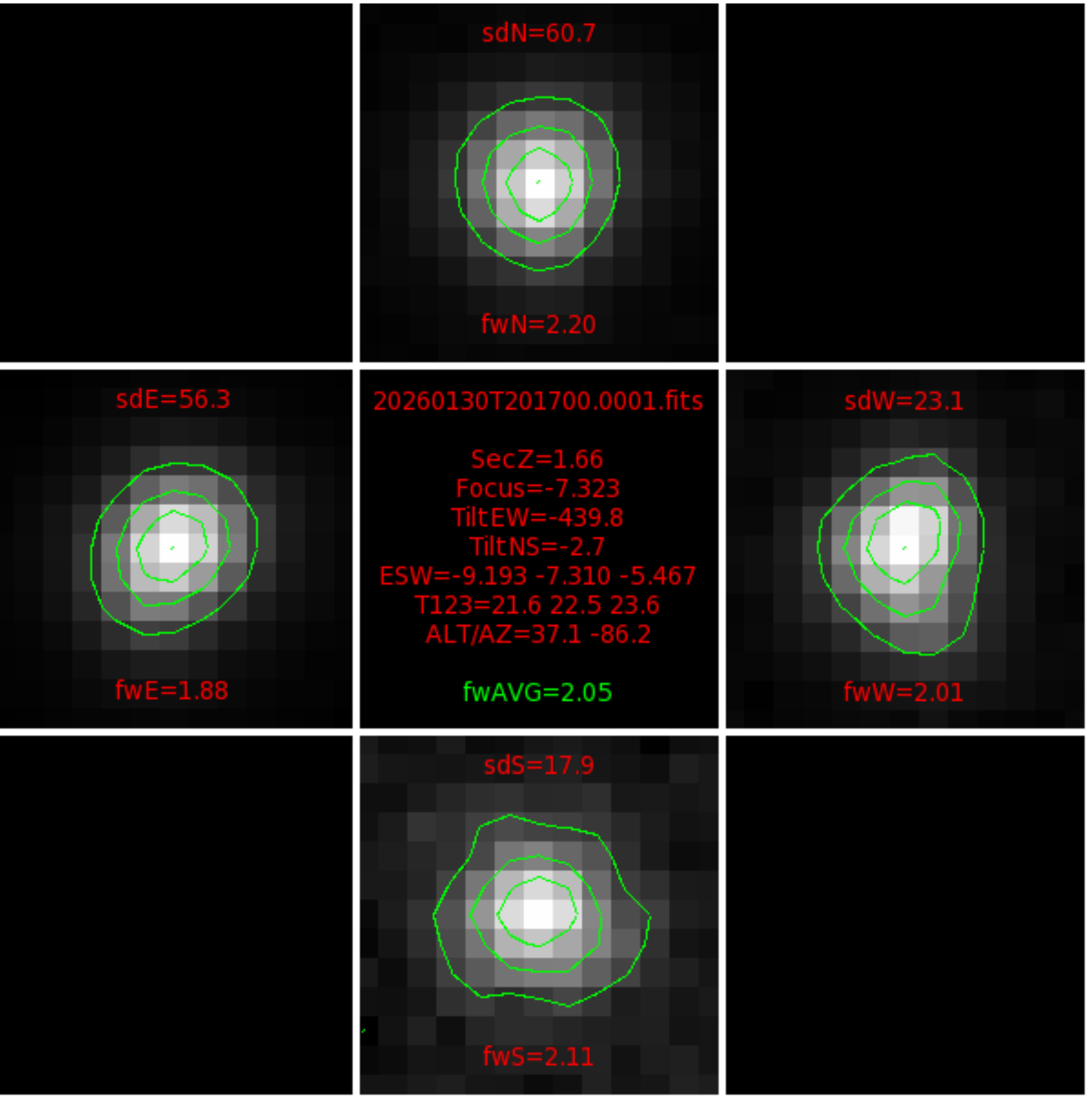
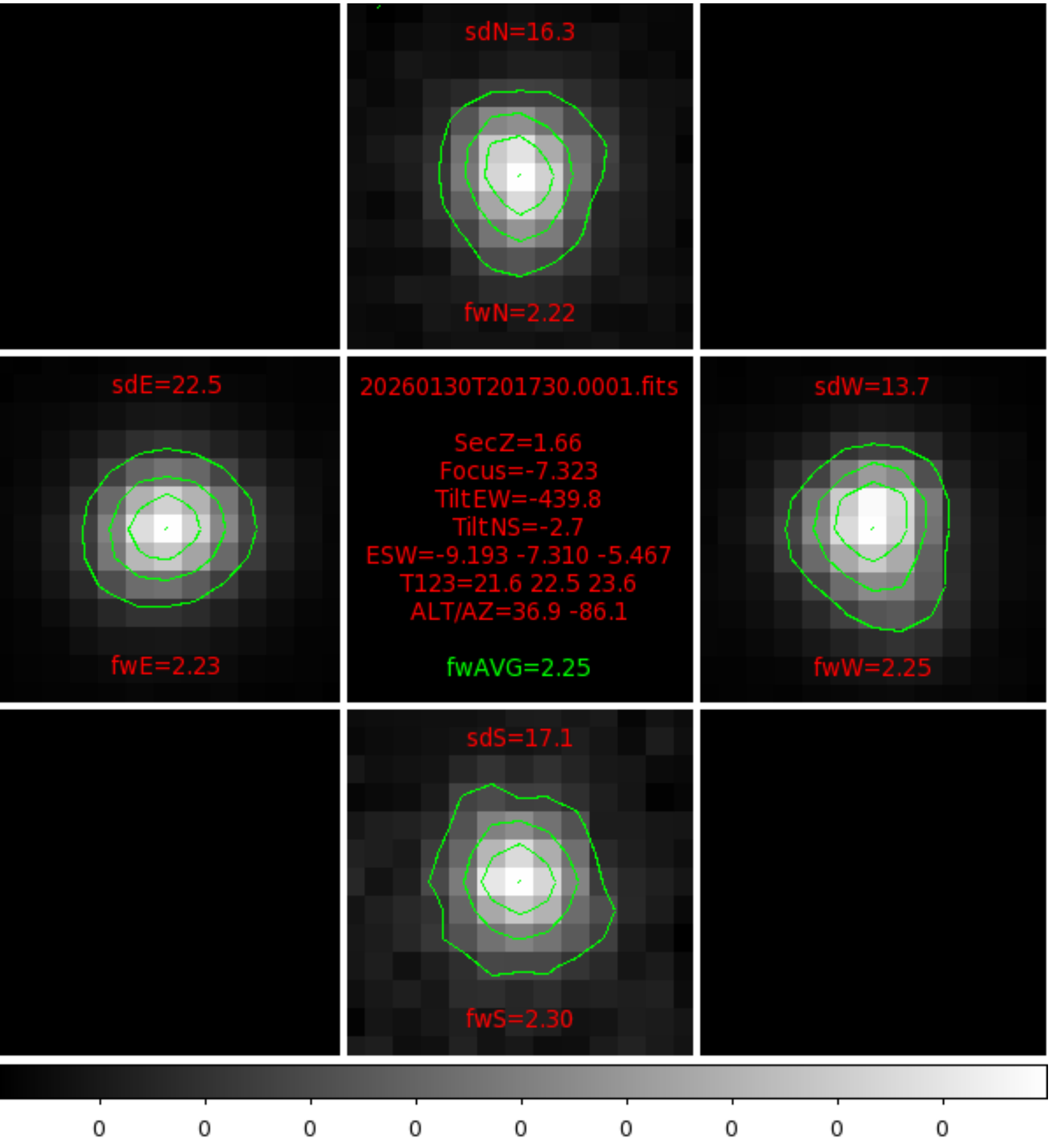

sdN=26.4
fwN=2.13
sdE=808.5
fwE=2.21
20260130T201242.0001.fits
SecZ=1.39
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=21.6 22.6 23.7
ALT/AZ=45.8 -79.0
fwAVG=2.25
sdW=16.9
fwW=2.57
sdS=81.3
fwS=2.11
0 0 0 0 0 0 0 0 0

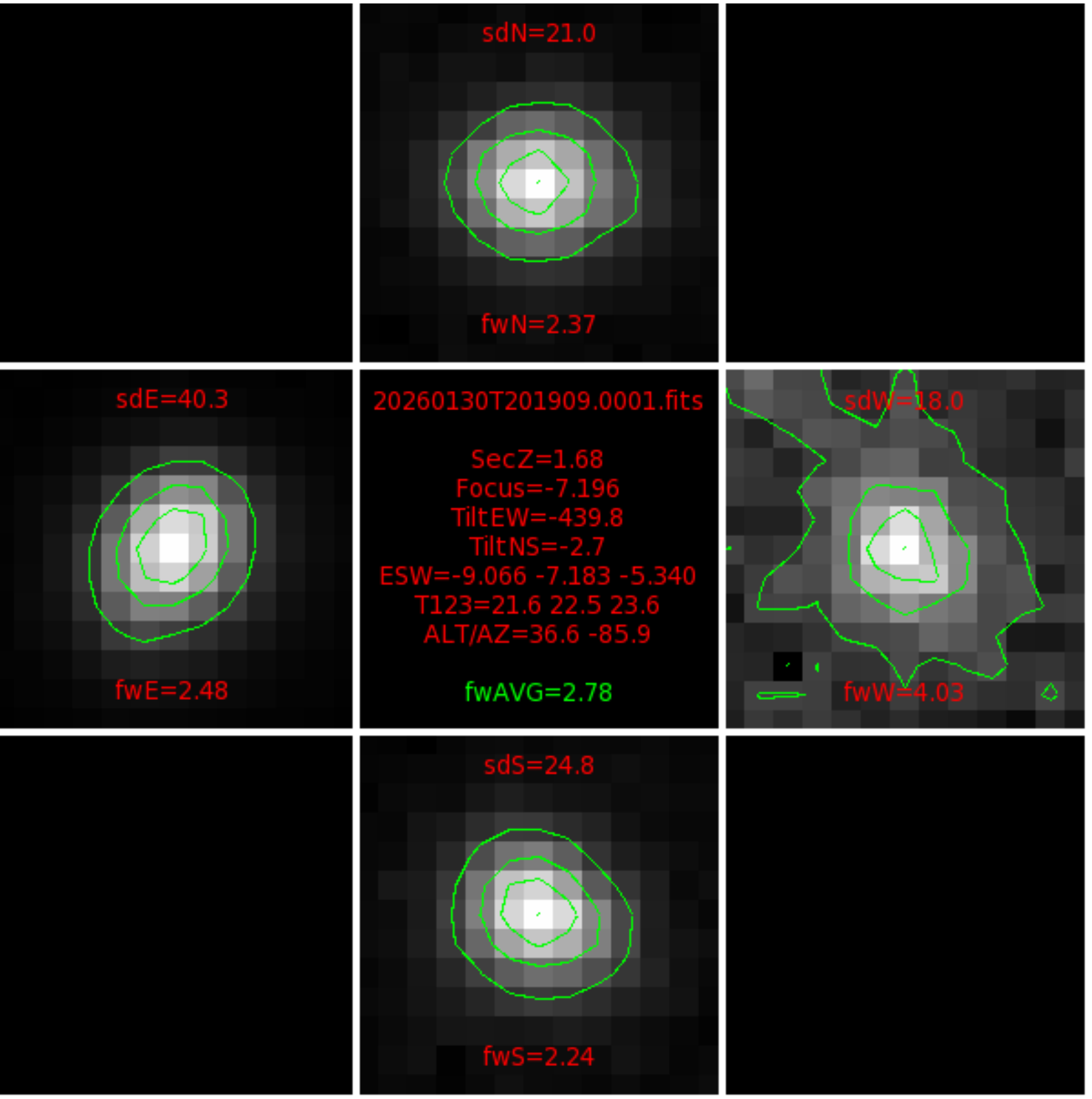

sdN=45.0
fwN=2.36
sdE=30.7
fwE=2.09
20260130T201313.0001.fits
SecZ=1.40
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=21.6 22.6 23.7
ALT/AZ=45.7 -79.0
fwAVG=2.27
sdW=15.2
fwW=2.40
sdS=13.0
fwS=2.22
0 0 0 0 0 0 0 0 0

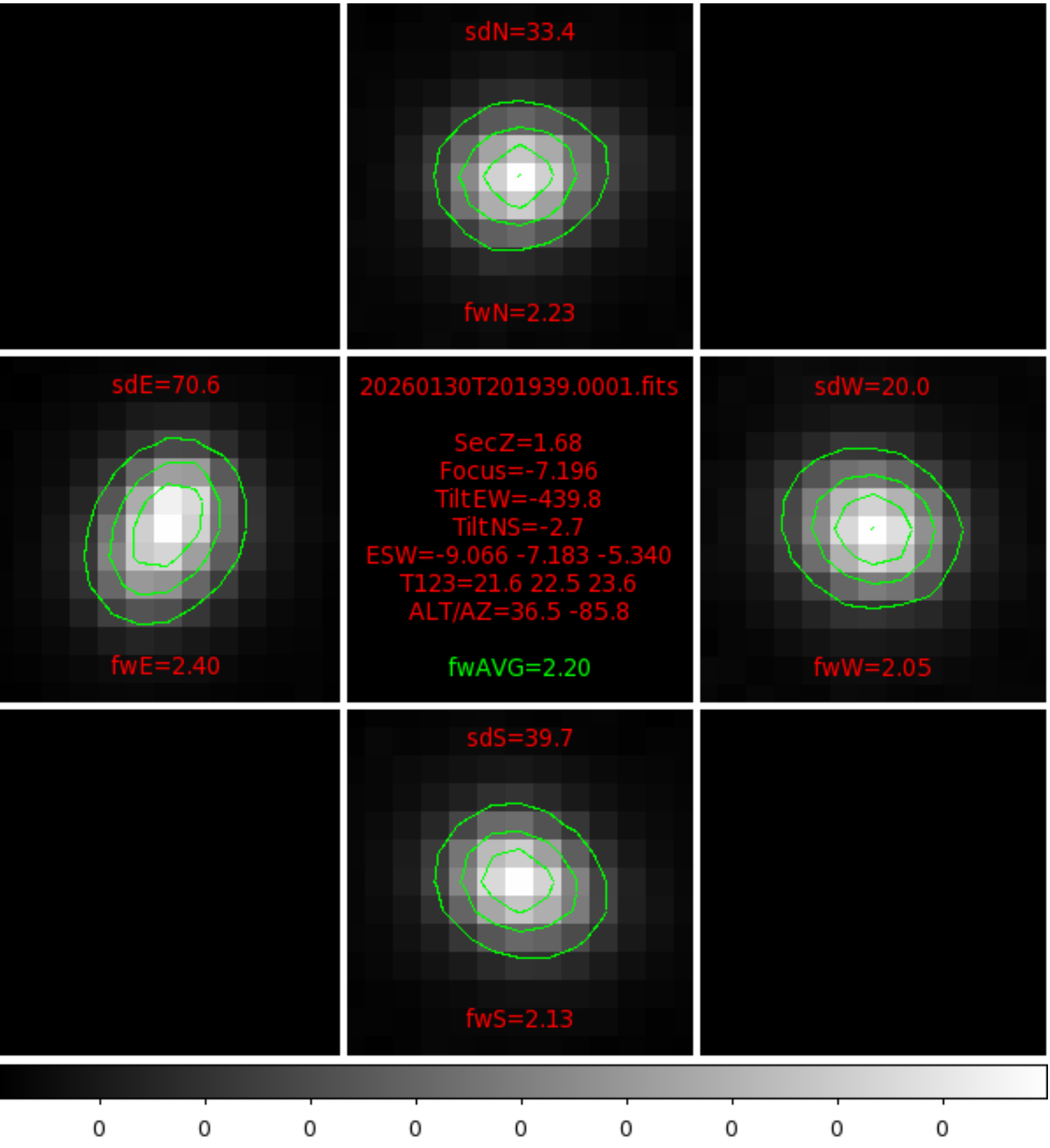

sdN=60.7
fwN=2.25
sdE=53.6
fwE=2.11
20260130T201450.0001.fits
SecZ=1.40
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=21.6 22.6 23.7
ALT/AZ=45.4 -78.8
fwAVG=2.23
sdW=18.1
fwW=2.39
sdS=17.1
fwS=2.15
0 0 0 0 0 0 0 0 0

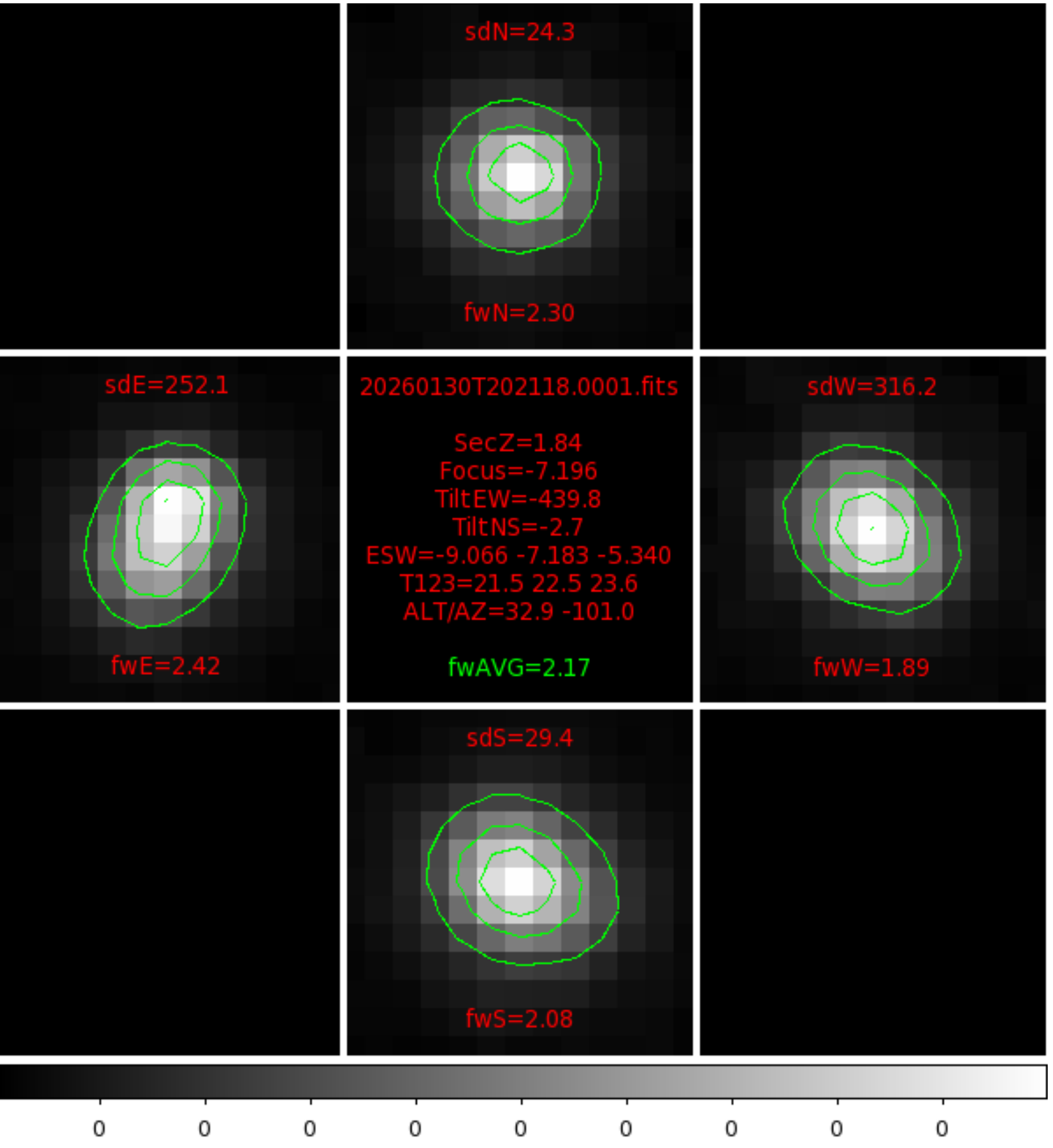

sdN=98.4
fwN=2.17
sdE=89.8
fwE=2.07
20260130T201521.0001.fits
SecZ=1.41
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=21.6 22.6 23.6
ALT/AZ=45.3 -78.8
fwAVG=2.13
sdW=28.5
fwW=2.24
sdS=17.7
fwS=2.04
0 0 0 0 0 0 0 0 0


sdN=60.7
fwN=2.20
sdE=56.3
fwE=1.88
20260130T201700.0001.fits
SecZ=1.66
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=21.6 22.5 23.6
ALT/AZ=37.1 -86.2
fwAVG=2.05
sdW=23.1
fwW=2.01
sdS=17.9
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=16.3
fwN=2.22
sdE=22.5
fwE=2.23
20260130T201730.0001.fits
SecZ=1.66
Focus=-7.323
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.193 -7.310 -5.467
T123=21.6 22.5 23.6
ALT/AZ=36.9 -86.1
fwAVG=2.25
sdW=13.7
fwW=2.25
sdS=17.1
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=21.0
fwN=2.37
sdE=40.3
fwE=2.48
20260130T201909.0001.fits
SecZ=1.68
Focus=-7.196
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.066 -7.183 -5.340
T123=21.6 22.5 23.6
ALT/AZ=36.6 -85.9
fwAVG=2.78
sdW=18.0
fwW=4.03
sdS=24.8
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=33.4
fwN=2.23
sdE=70.6
fwE=2.40
20260130T201939.0001.fits
SecZ=1.68
Focus=-7.196
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.066 -7.183 -5.340
T123=21.6 22.5 23.6
ALT/AZ=36.5 -85.8
fwAVG=2.20
sdW=20.0
fwW=2.05
sdS=39.7
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=24.3
fwN=2.30
sdE=252.1
fwE=2.42
20260130T202118.0001.fits
SecZ=1.84
Focus=-7.196
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.066 -7.183 -5.340
T123=21.5 22.5 23.6
ALT/AZ=32.9 -101.0
fwAVG=2.17
sdW=316.2
fwW=1.89
sdS=29.4
fwS=2.08
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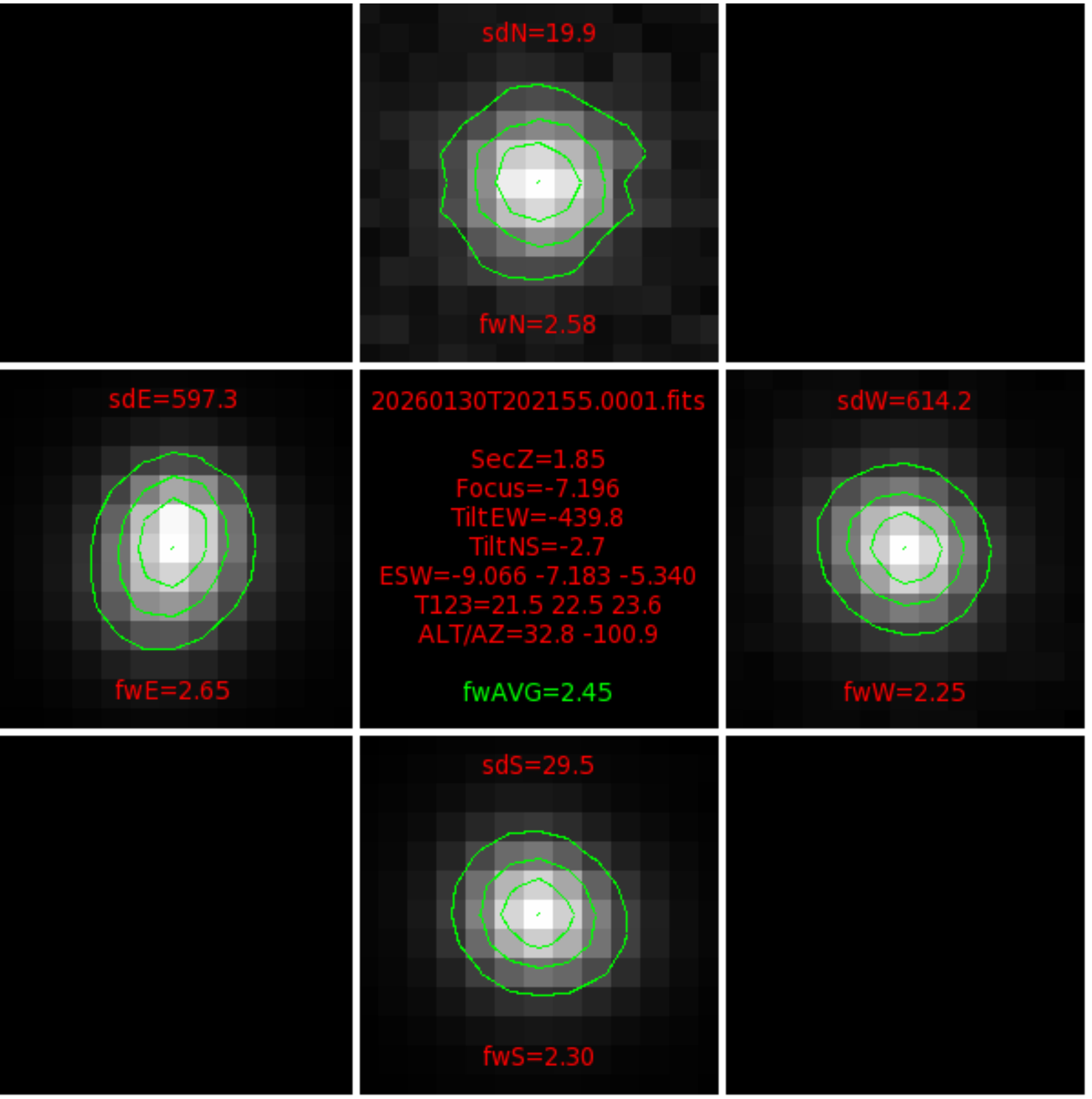
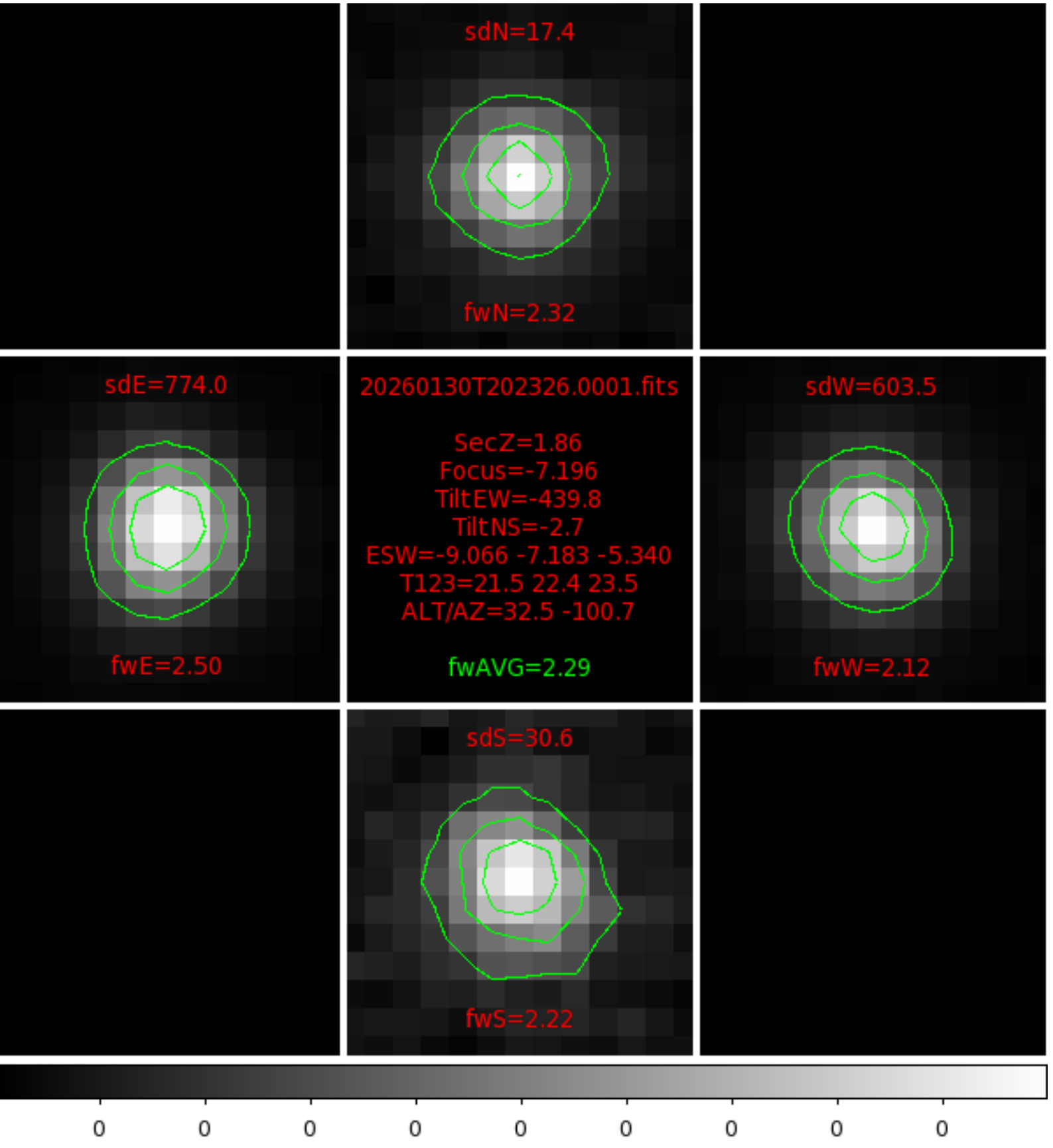
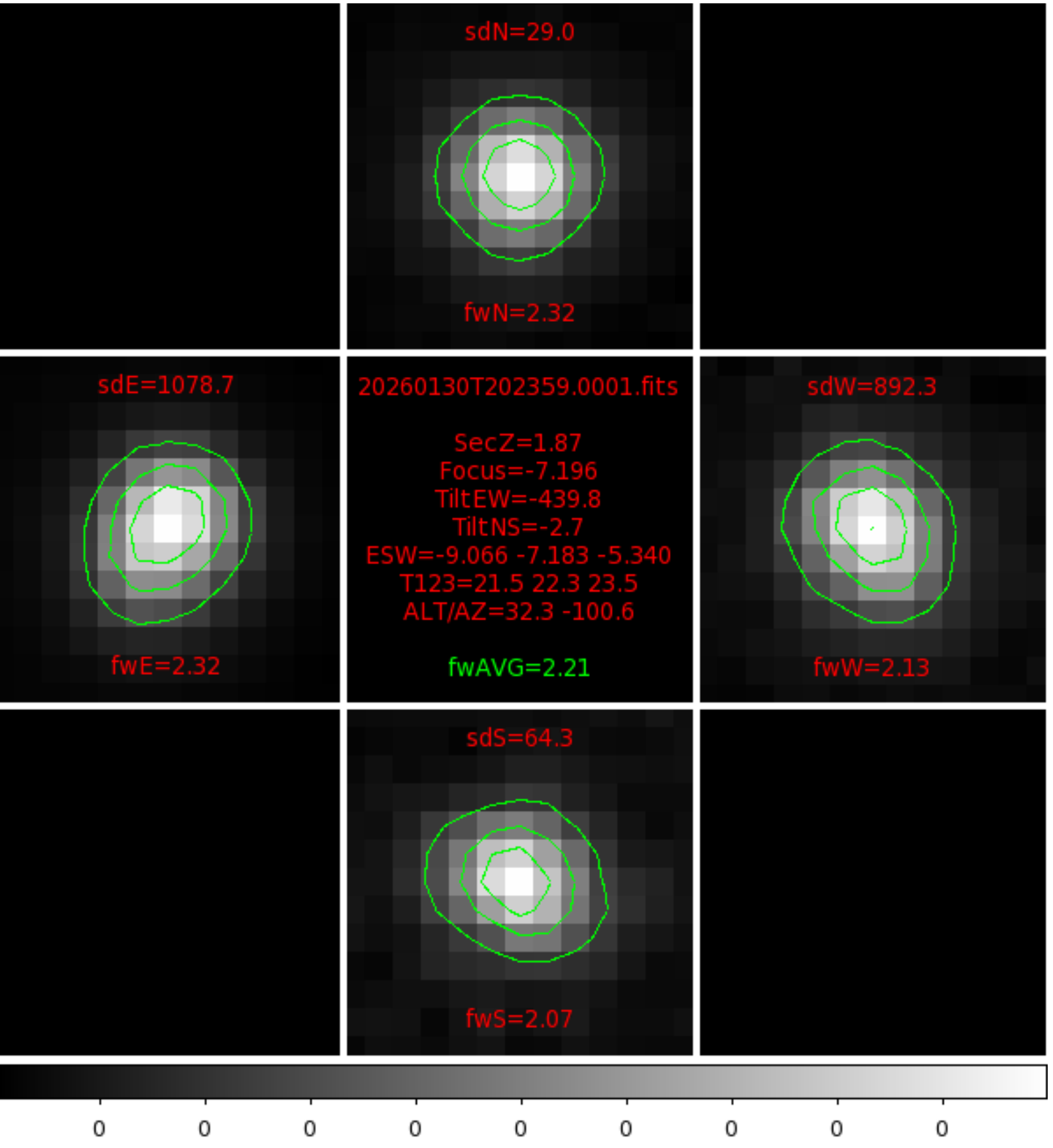
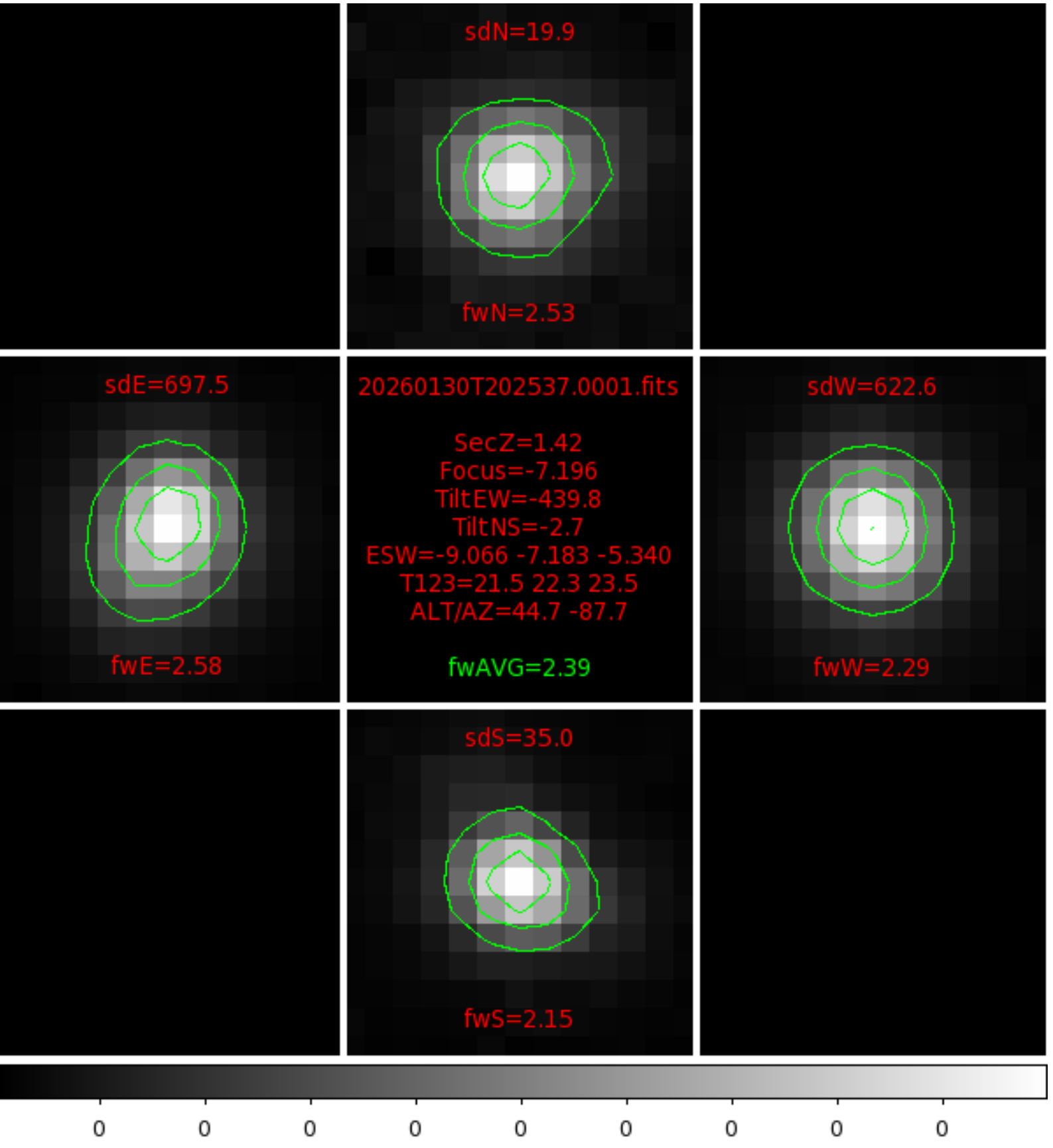
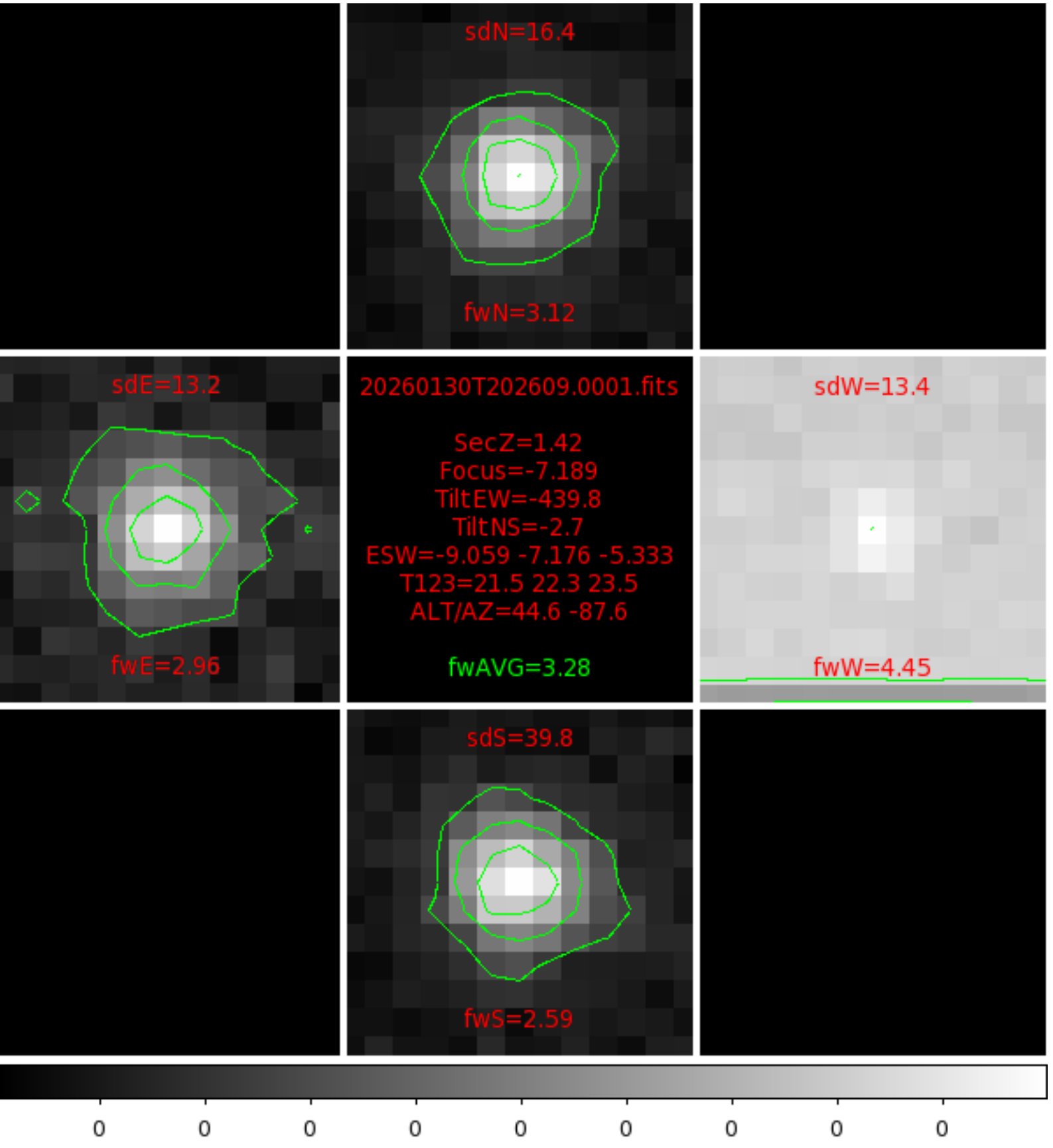
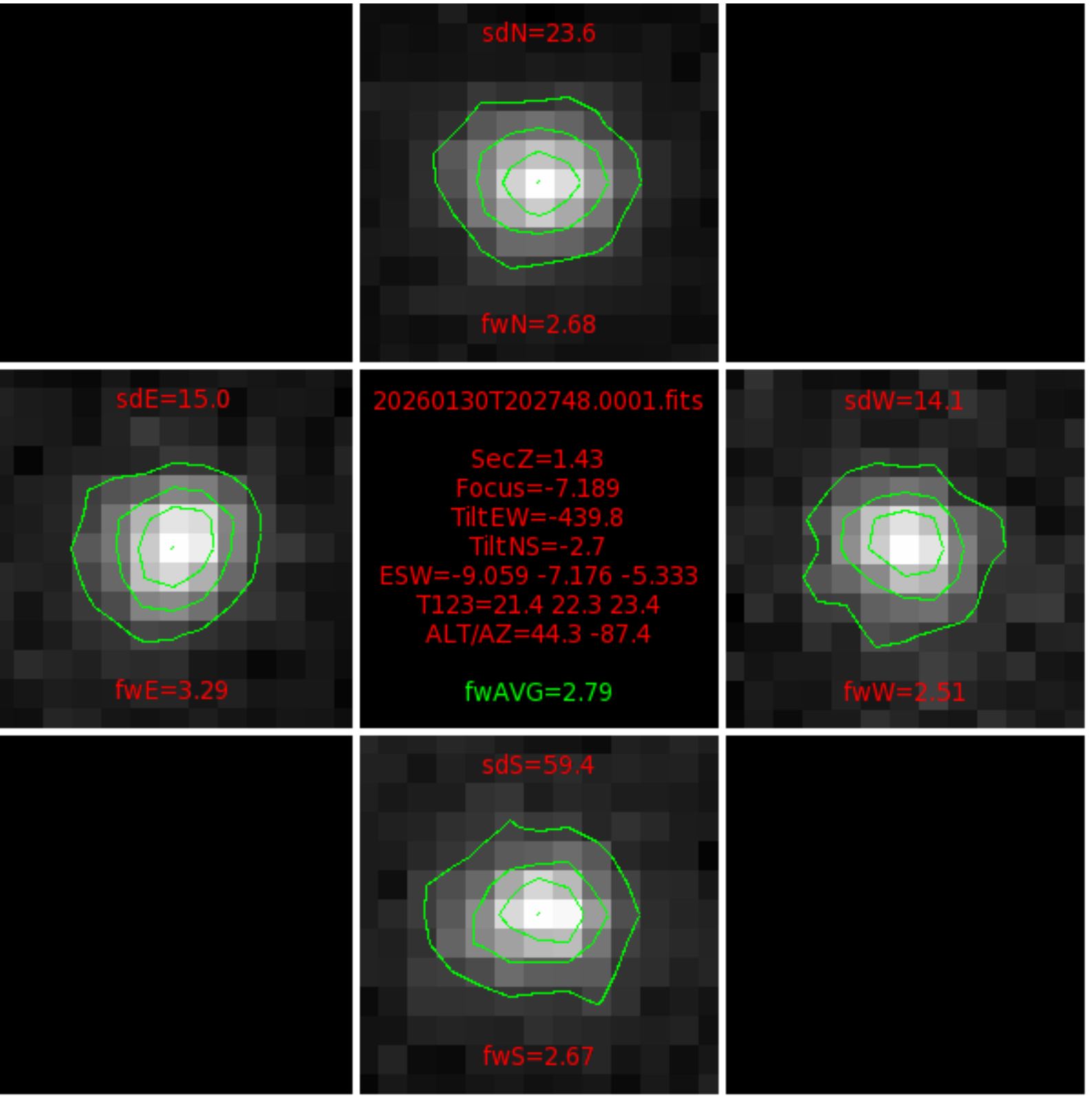

sdN=19.9
fwN=2.58
sdE=597.3
fwE=2.65
20260130T202155.0001.fits
SecZ=1.85
Focus=-7.196
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.066 -7.183 -5.340
T123=21.5 22.5 23.6
ALT/AZ=32.8 -100.9
fwAVG=2.45
sdW=614.2
fwW=2.25
sdS=29.5
fwS=2.30
0 0 0 0 0 0 0 0 0

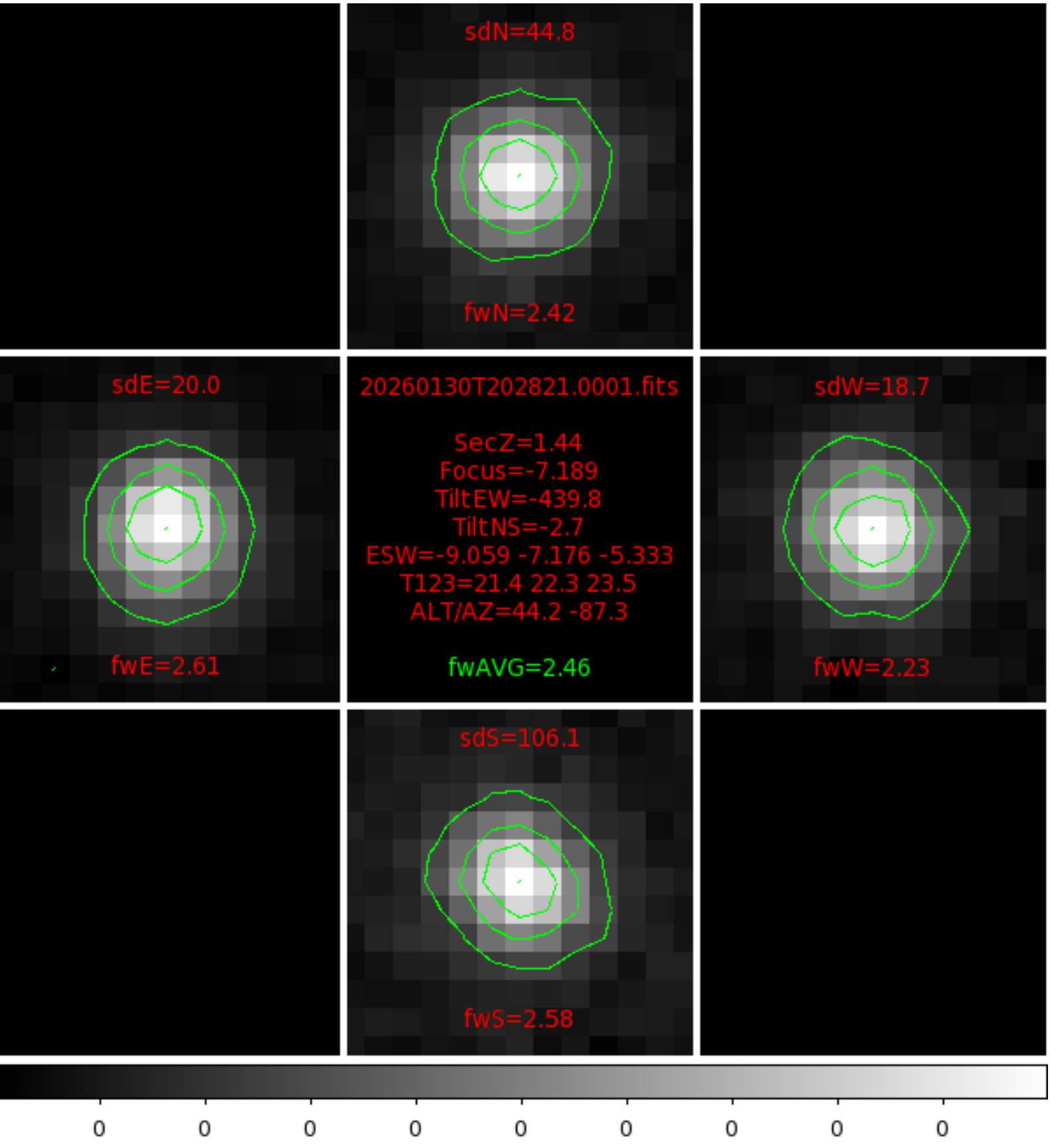

sdN=17.4
fwN=2.32
sdE=774.0
fwE=2.50
20260130T202326.0001.fits
SecZ=1.86
Focus=-7.196
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.066 -7.183 -5.340
T123=21.5 22.4 23.5
ALT/AZ=32.5 -100.7
fwAVG=2.29
sdW=603.5
fwW=2.12
sdS=30.6
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=29.0
fwN=2.32
sdE=1078.7
fwE=2.32
20260130T202359.0001.fits
SecZ=1.87
Focus=-7.196
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.066 -7.183 -5.340
T123=21.5 22.3 23.5
ALT/AZ=32.3 -100.6
fwAVG=2.21
sdW=892.3
fwW=2.13
sdS=64.3
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=19.9
fwN=2.53
sdE=697.5
fwE=2.58
20260130T202537.0001.fits
SecZ=1.42
Focus=-7.196
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.066 -7.183 -5.340
T123=21.5 22.3 23.5
ALT/AZ=44.7 -87.7
fwAVG=2.39
sdW=622.6
fwW=2.29
sdS=35.0
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=16.4
fwN=3.12
sdE=13.2
fwE=2.96
20260130T202609.0001.fits
SecZ=1.42
Focus=-7.189
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.059 -7.176 -5.333
T123=21.5 22.3 23.5
ALT/AZ=44.6 -87.6
fwAVG=3.28
sdW=13.4
fwW=4.45
sdS=39.8
fwS=2.59
0 0 0 0 0 0 0 0 0


sdN=23.6
fwN=2.68
sdE=15.0
fwE=3.29
20260130T202748.0001.fits
SecZ=1.43
Focus=-7.189
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.059 -7.176 -5.333
T123=21.4 22.3 23.4
ALT/AZ=44.3 -87.4
fwAVG=2.79
sdW=14.1
fwW=2.51
sdS=59.4
fwS=2.67
0 0 0 0 0 0 0 0 0


sdN=44.8
fwN=2.42
sdE=20.0
fwE=2.61
20260130T202821.0001.fits
SecZ=1.44
Focus=-7.189
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.059 -7.176 -5.333
T123=21.4 22.3 23.5
ALT/AZ=44.2 -87.3
fwAVG=2.46
sdW=18.7
fwW=2.23
sdS=106.1
fwS=2.58
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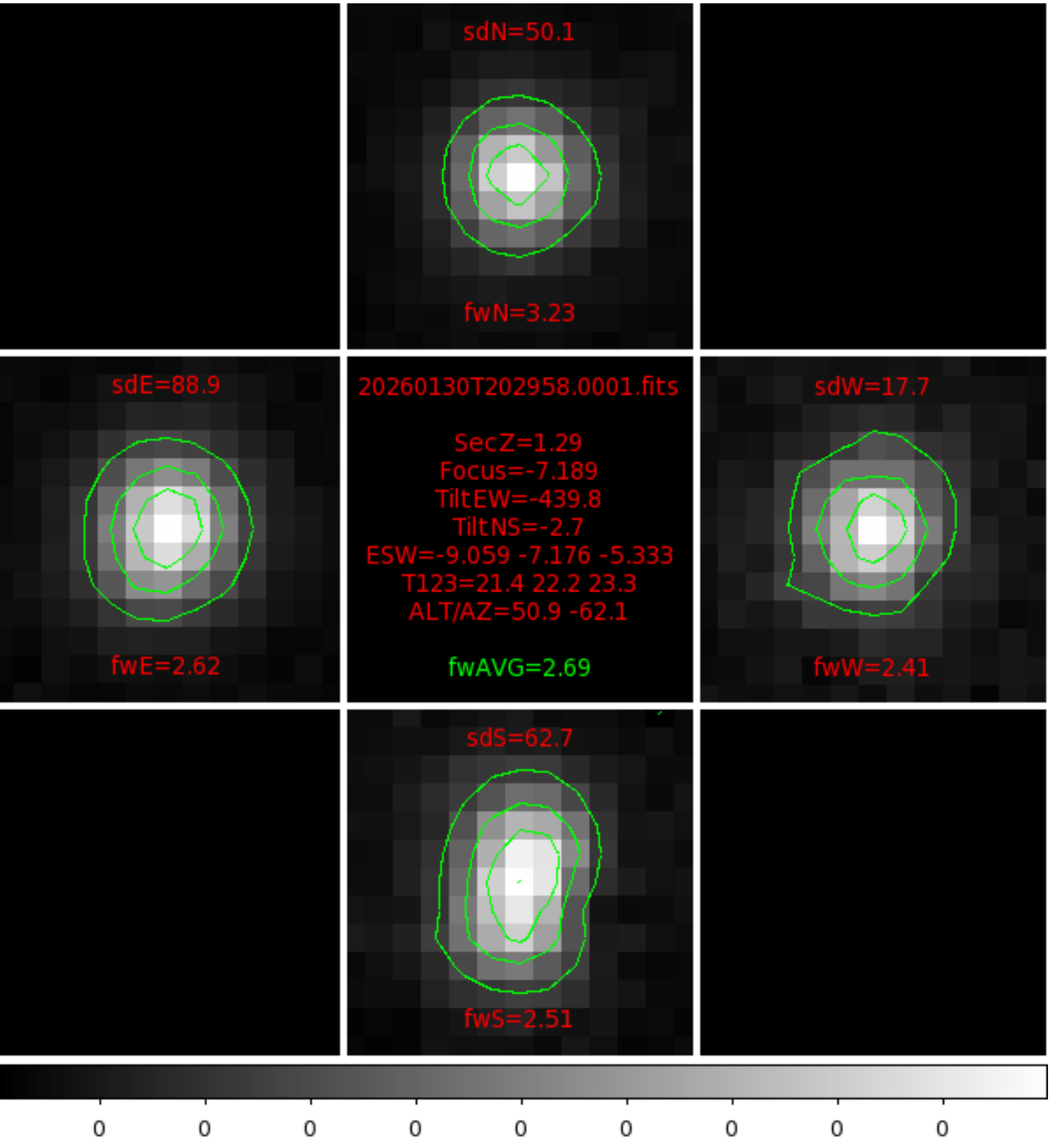
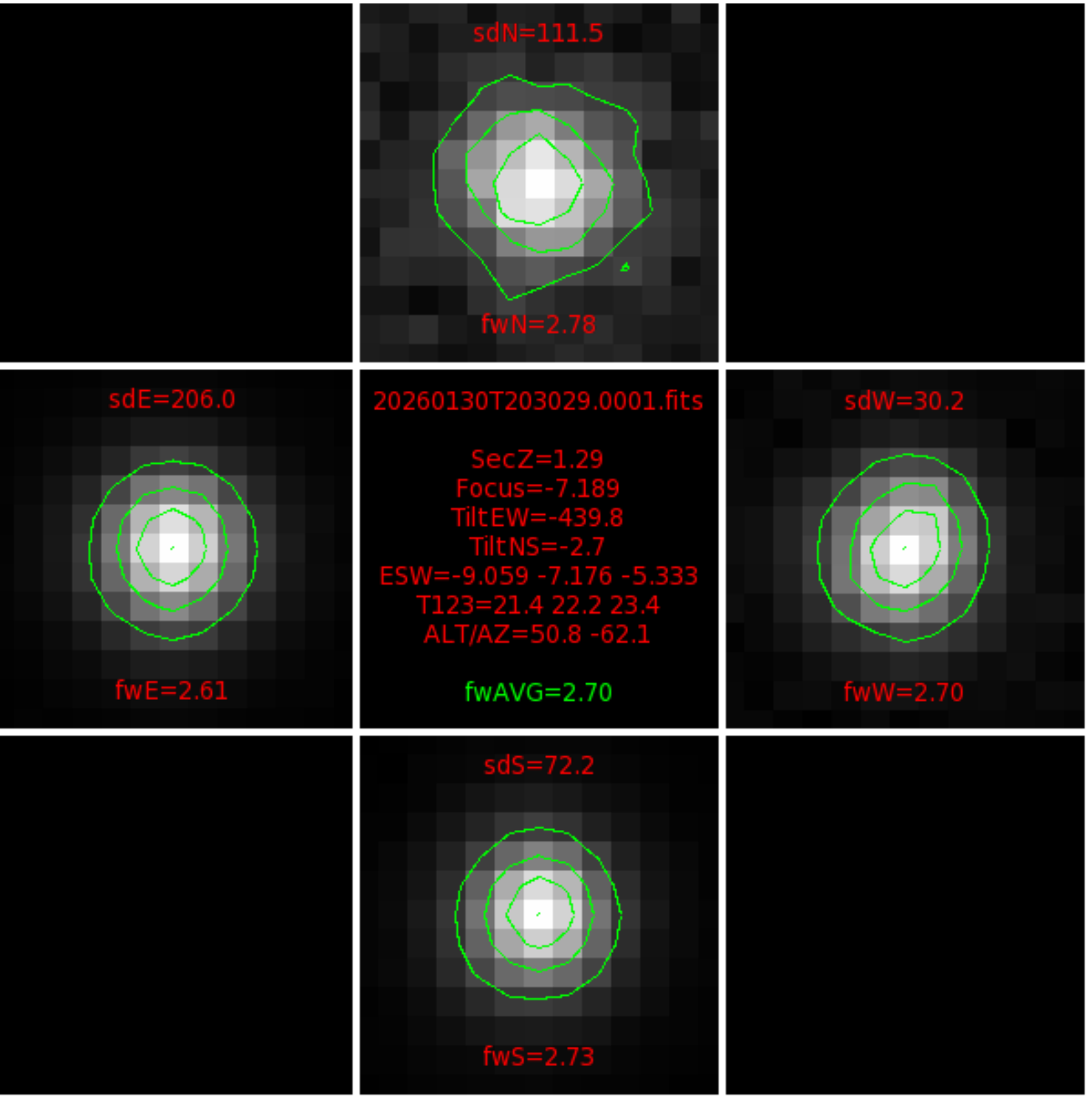

sdN=50.1
fwN=3.23
sdE=88.9
fwE=2.62
20260130T202958.0001.fits
SecZ=1.29
Focus=-7.189
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.059 -7.176 -5.333
T123=21.4 22.2 23.3
ALT/AZ=50.9 -62.1
fwAVG=2.69
sdW=17.7
fwW=2.41
sdS=62.7
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=111.5
fwN=2.78
sdE=206.0
fwE=2.61
20260130T203029.0001.fits
SecZ=1.29
Focus=-7.189
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.059 -7.176 -5.333
T123=21.4 22.2 23.4
ALT/AZ=50.8 -62.1
fwAVG=2.70
sdW=30.2
fwW=2.70
sdS=72.2
fwS=2.73
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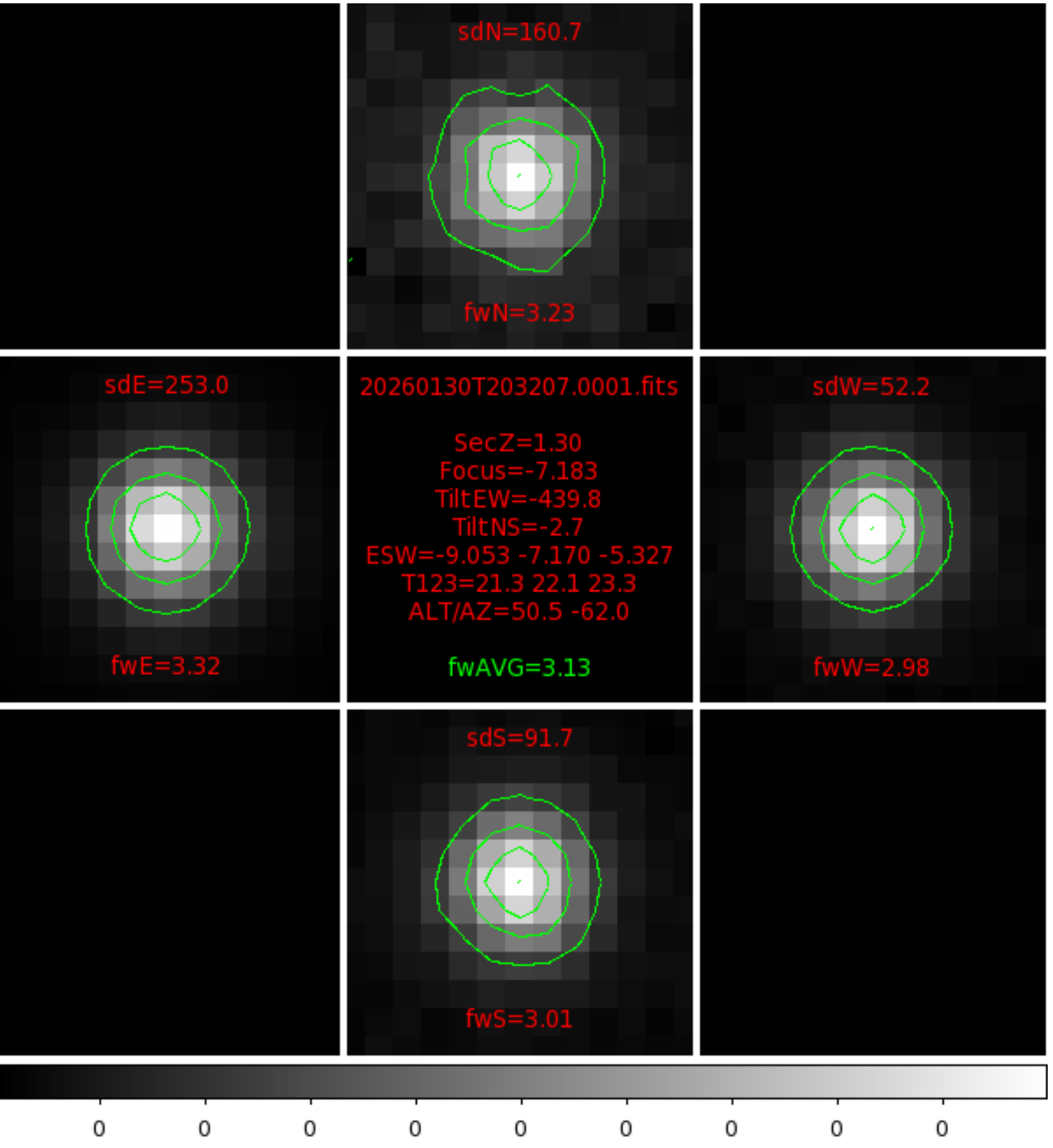
sdN=160.7
fwN=3.23
sdE=253.0
fwE=3.32
20260130T203207.0001.fits
SecZ=1.30
Focus=-7.183
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.053 -7.170 -5.327
T123=21.3 22.1 23.3
ALT/AZ=50.5 -62.0
fwAVG=3.13
sdW=52.2
fwW=2.98
sdS=91.7
fwS=3.01
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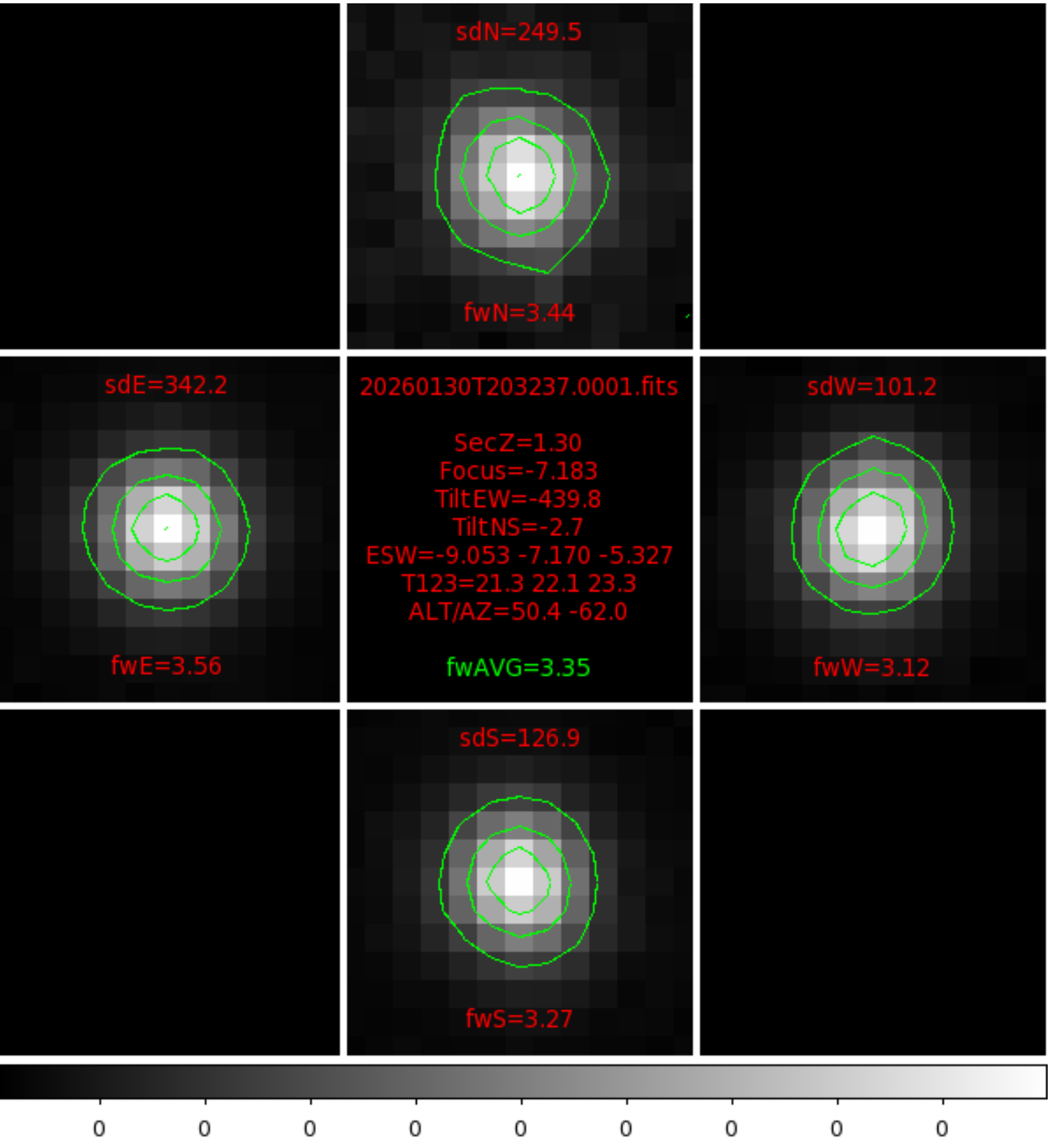
sdN=249.5
fwN=3.44
sdE=342.2
fwE=3.56
20260130T203237.0001.fits
SecZ=1.30
Focus=-7.183
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.053 -7.170 -5.327
T123=21.3 22.1 23.3
ALT/AZ=50.4 -62.0
fwAVG=3.35
sdW=101.2
fwW=3.12
sdS=126.9
fwS=3.27
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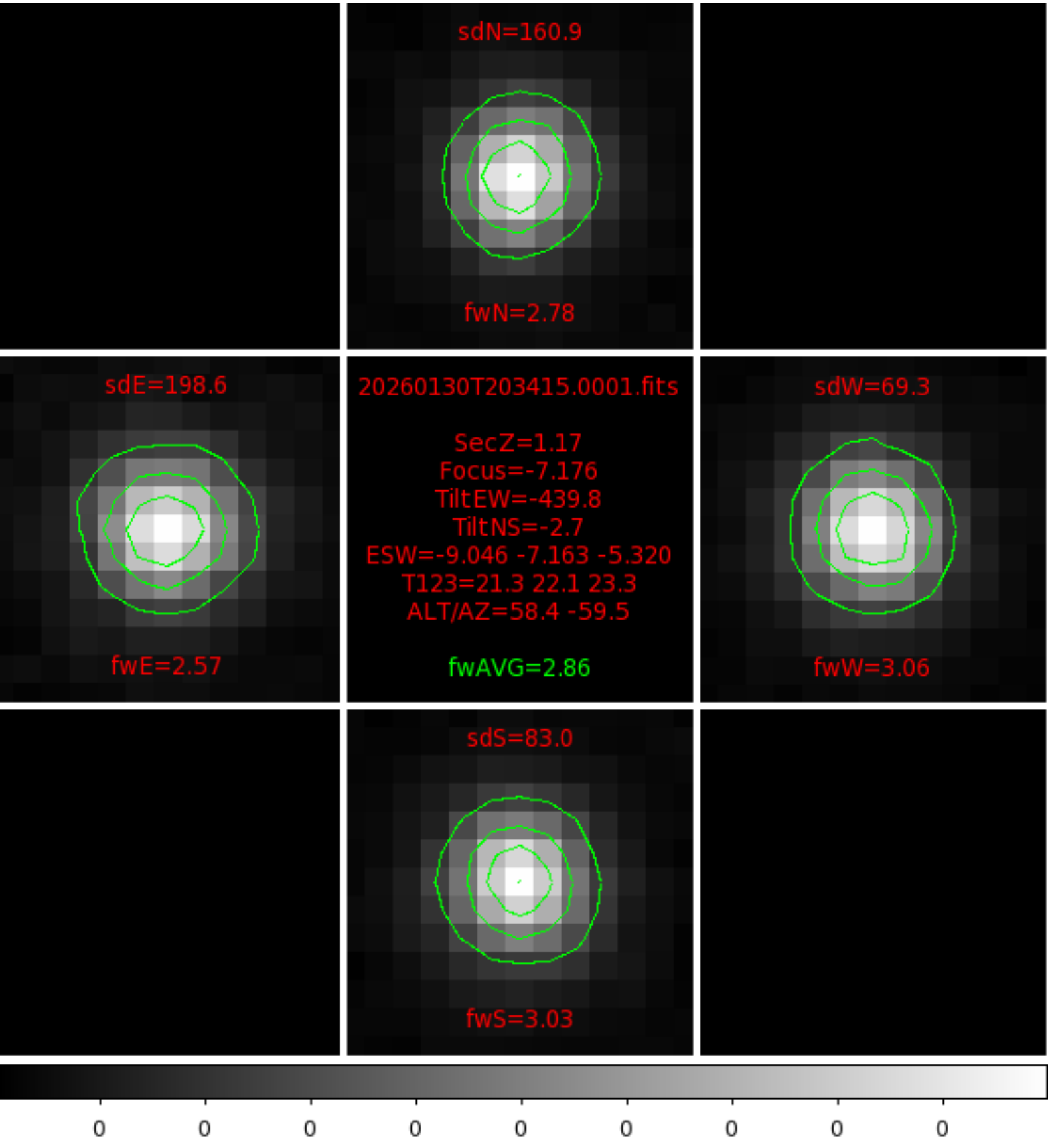
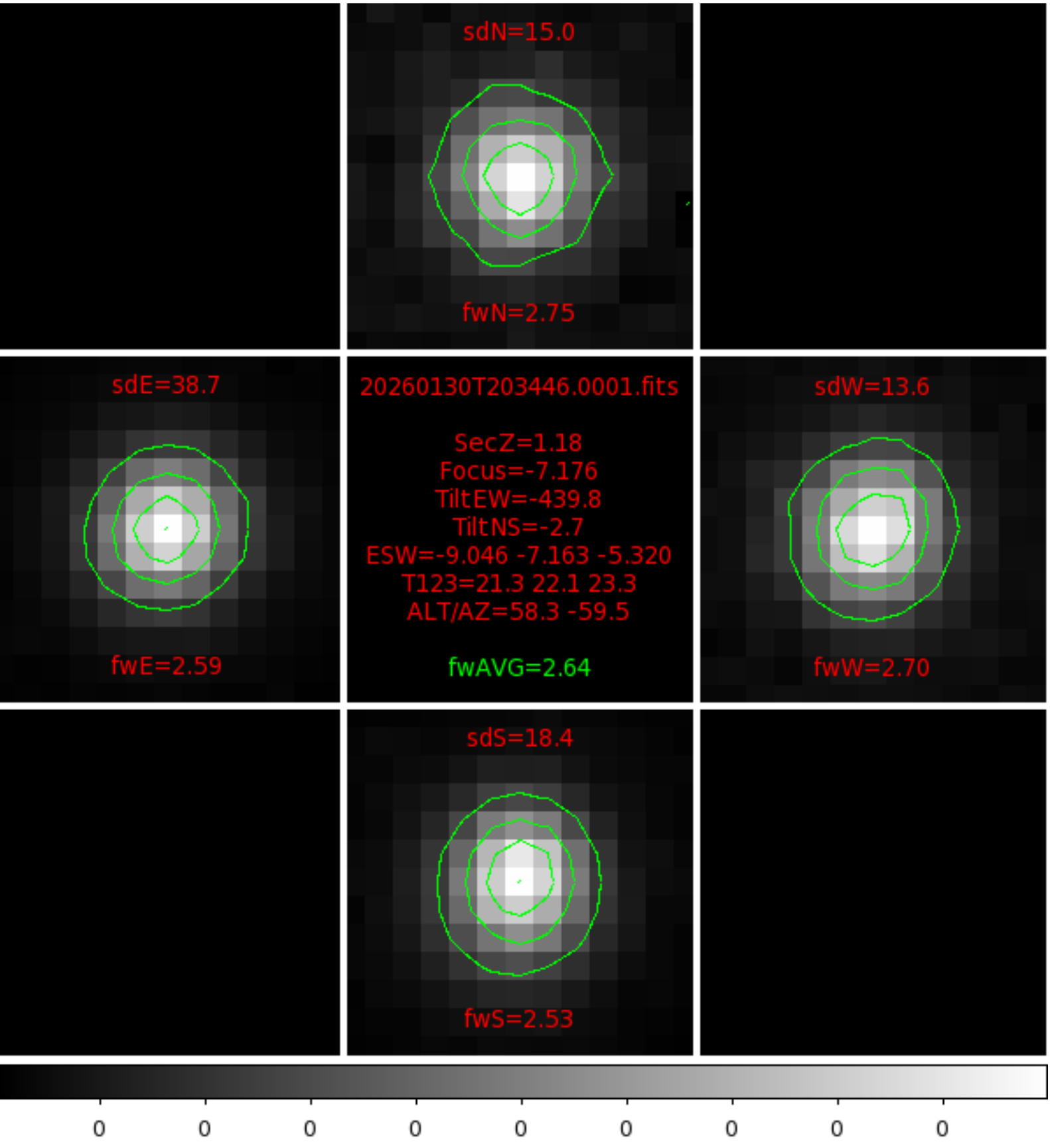

sdN=160.9
fwN=2.78
sdE=198.6
fwE=2.57
20260130T203415.0001.fits
SecZ=1.17
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.3 22.1 23.3
ALT/AZ=58.4 -59.5
fwAVG=2.86
sdW=69.3
fwW=3.06
sdS=83.0
fwS=3.03
0 0 0 0 0 0 0 0 0


sdN=15.0
fwN=2.75
sdE=38.7
fwE=2.59
20260130T203446.0001.fits
SecZ=1.18
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.3 22.1 23.3
ALT/AZ=58.3 -59.5
fwAVG=2.64
sdW=13.6
fwW=2.70
sdS=18.4
fwS=2.53
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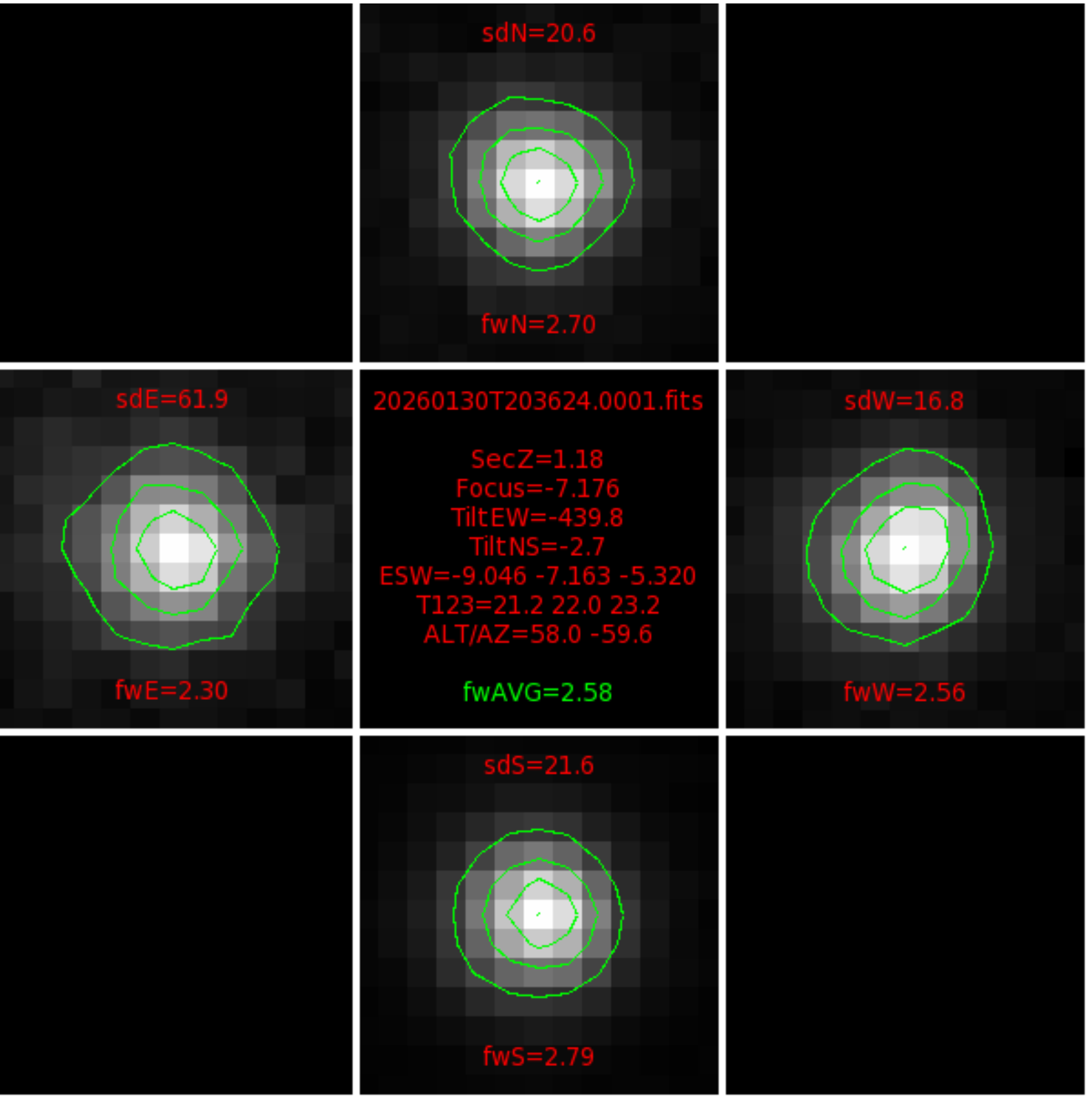
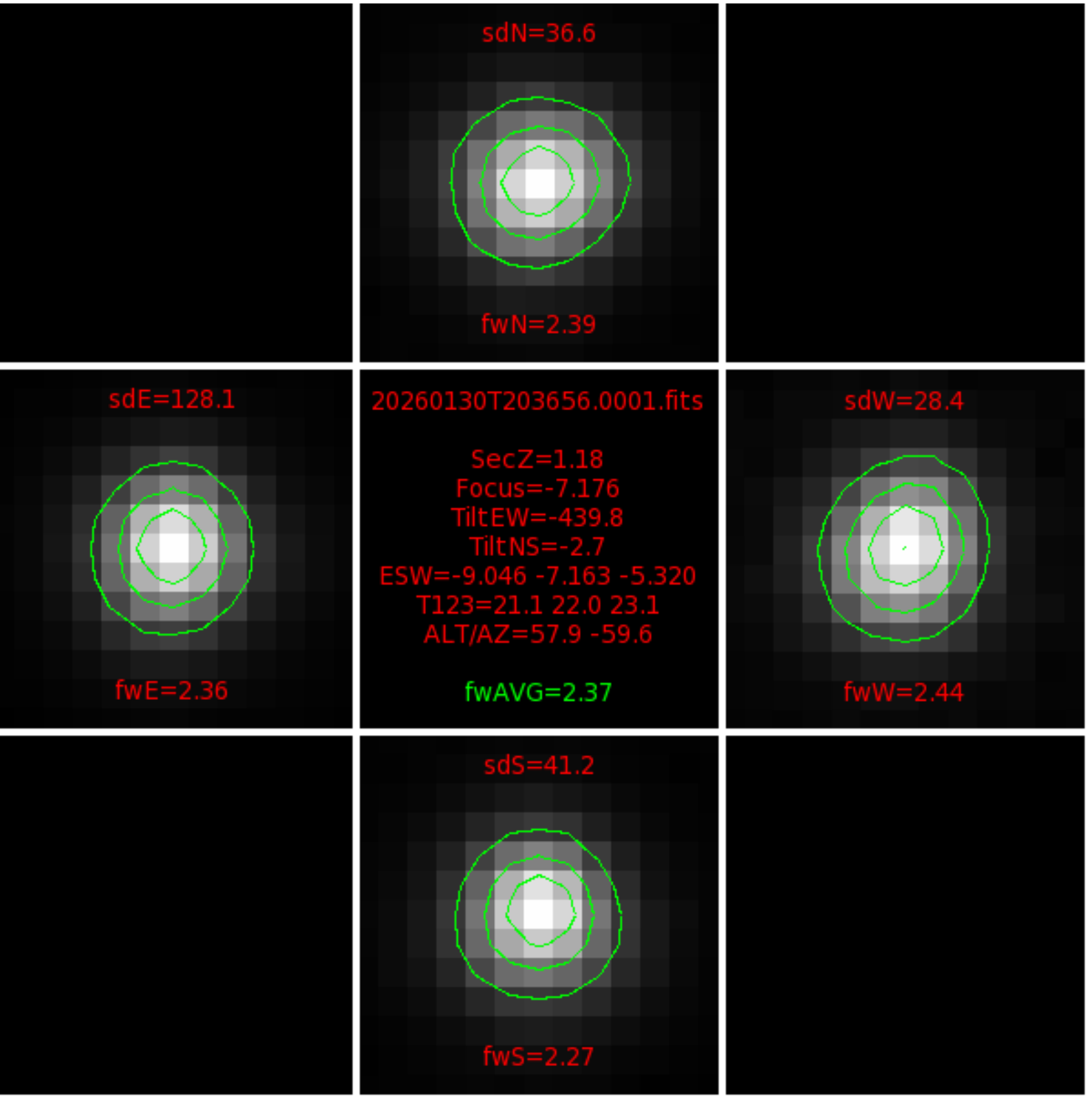

sdN=20.6
fwN=2.70
sdE=61.9
fwE=2.30
20260130T203624.0001.fits
SecZ=1.18
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.2 22.0 23.2
ALT/AZ=58.0 -59.6
fwAVG=2.58
sdW=16.8
fwW=2.56
sdS=21.6
fwS=2.79
0 0 0 0 0 0 0 0 0


sdN=36.6
fwN=2.39
sdE=128.1
fwE=2.36
20260130T203656.0001.fits
SecZ=1.18
Focus=-7.176
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.046 -7.163 -5.320
T123=21.1 22.0 23.1
ALT/AZ=57.9 -59.6
fwAVG=2.37
sdW=28.4
fwW=2.44
sdS=41.2
fwS=2.27
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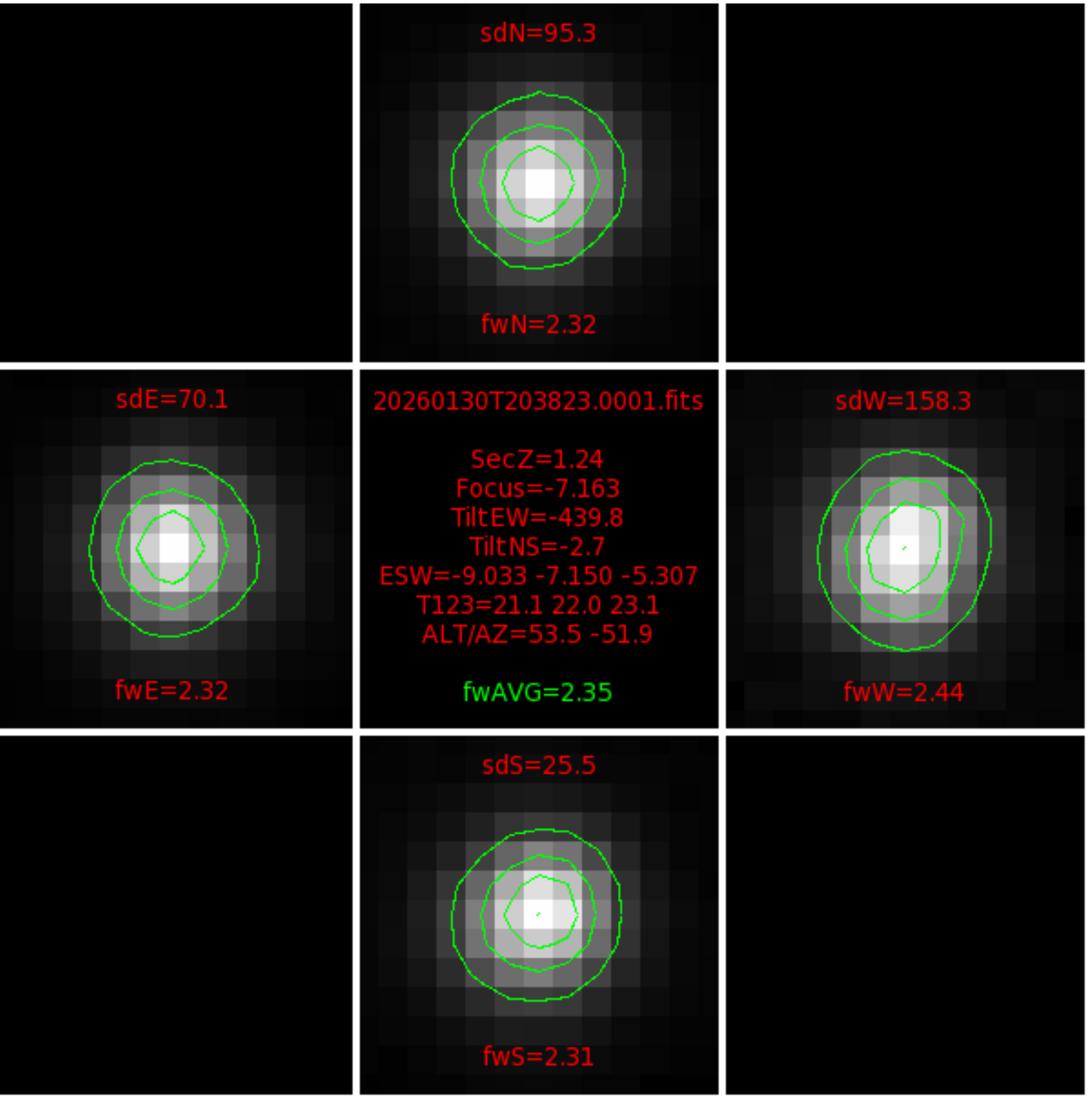
sdN=95.3
fwN=2.32
sdE=70.1
fwE=2.32
20260130T203823.0001.fits
SecZ=1.24
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=21.1 22.0 23.1
ALT/AZ=53.5 -51.9
fwAVG=2.35
sdW=158.3
fwW=2.44
sdS=25.5
fwS=2.31
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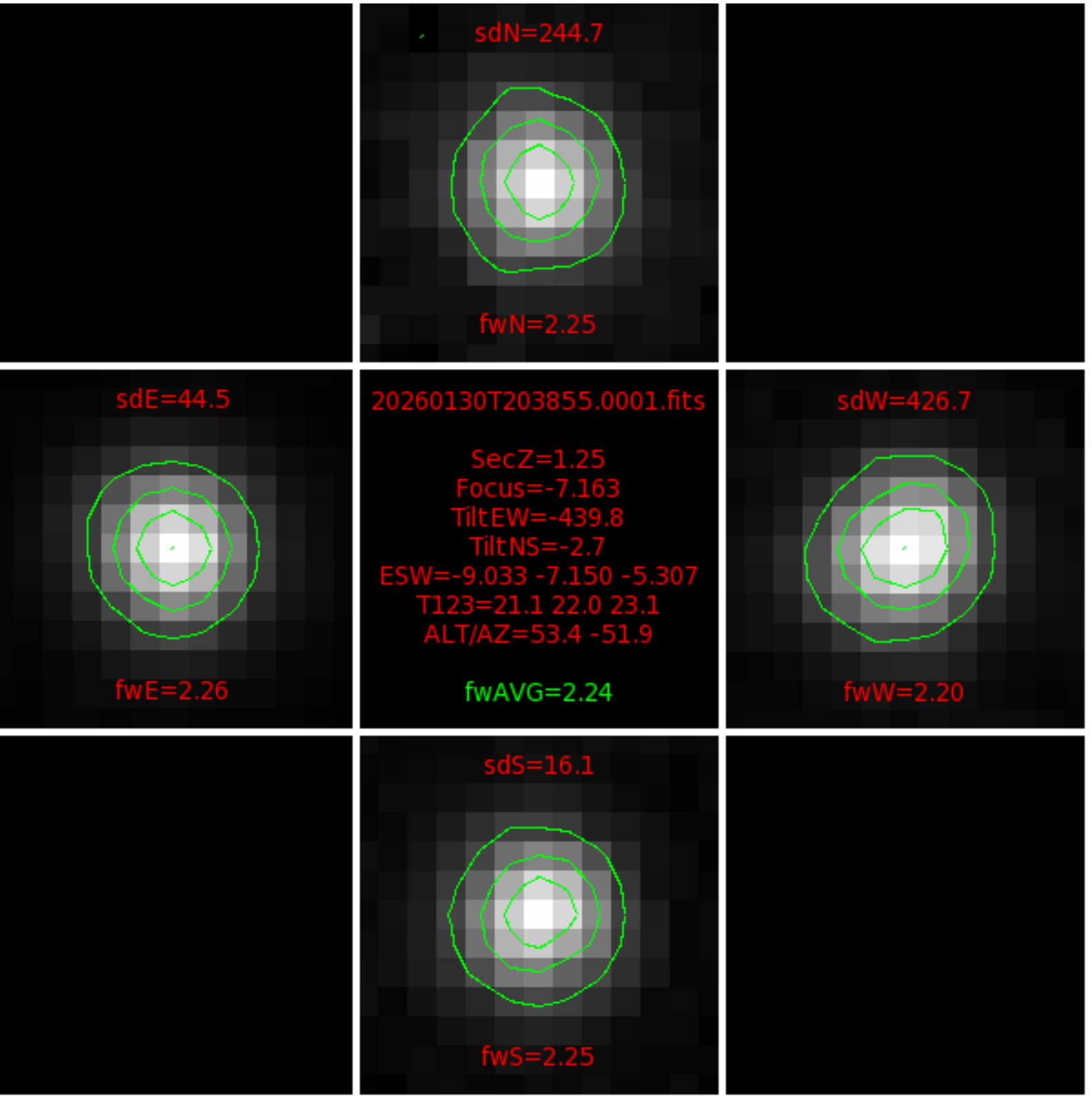
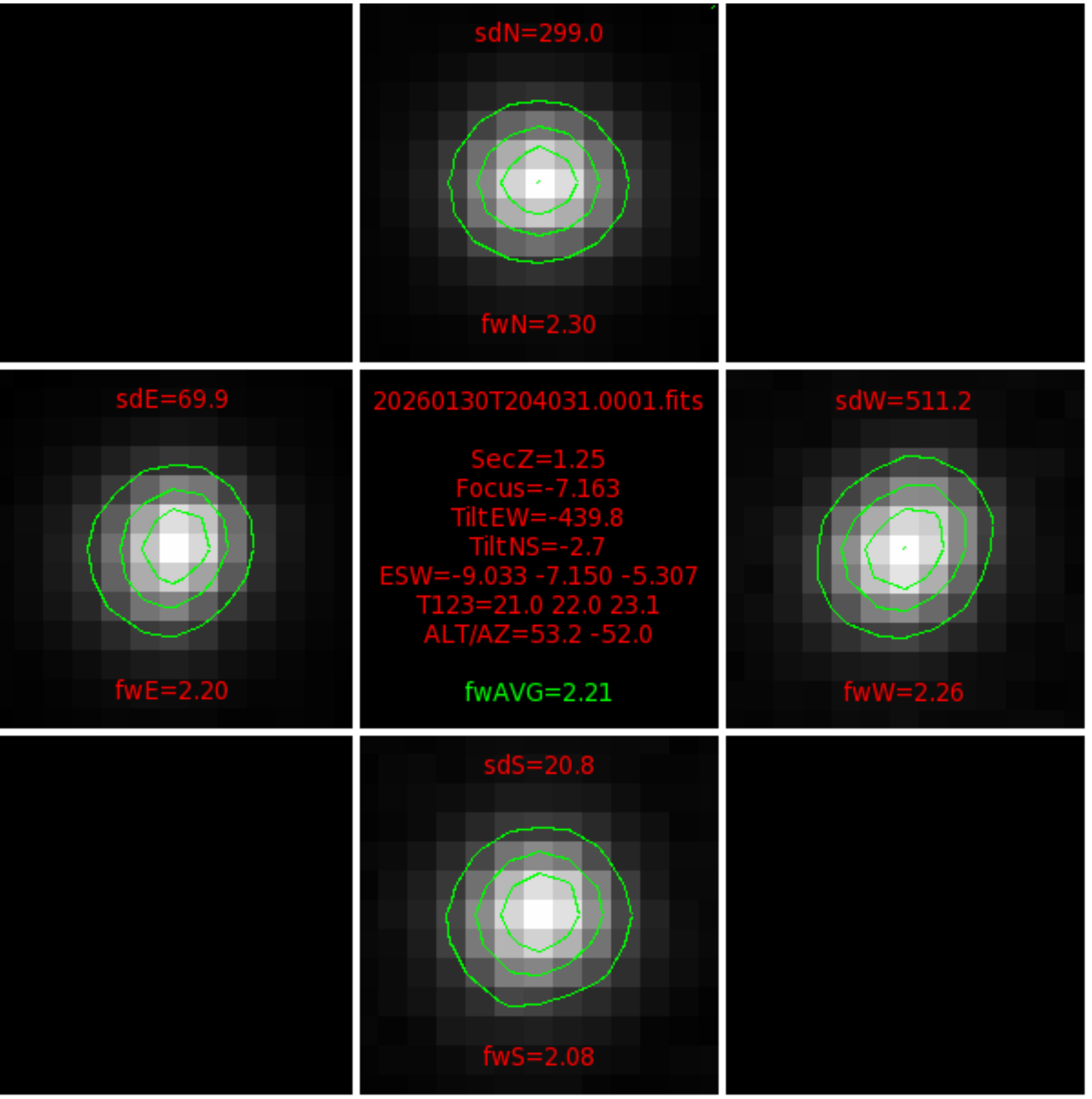
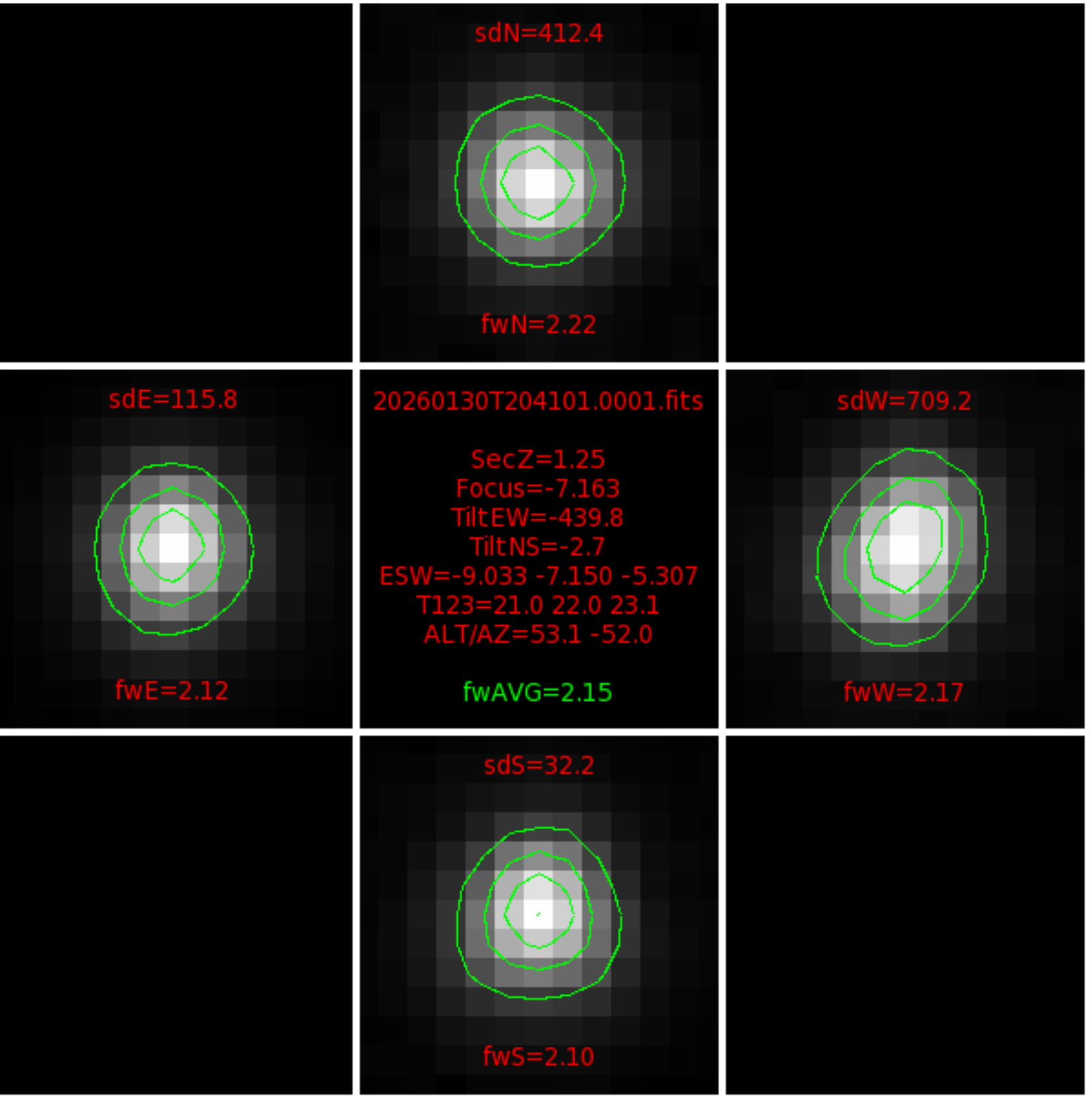
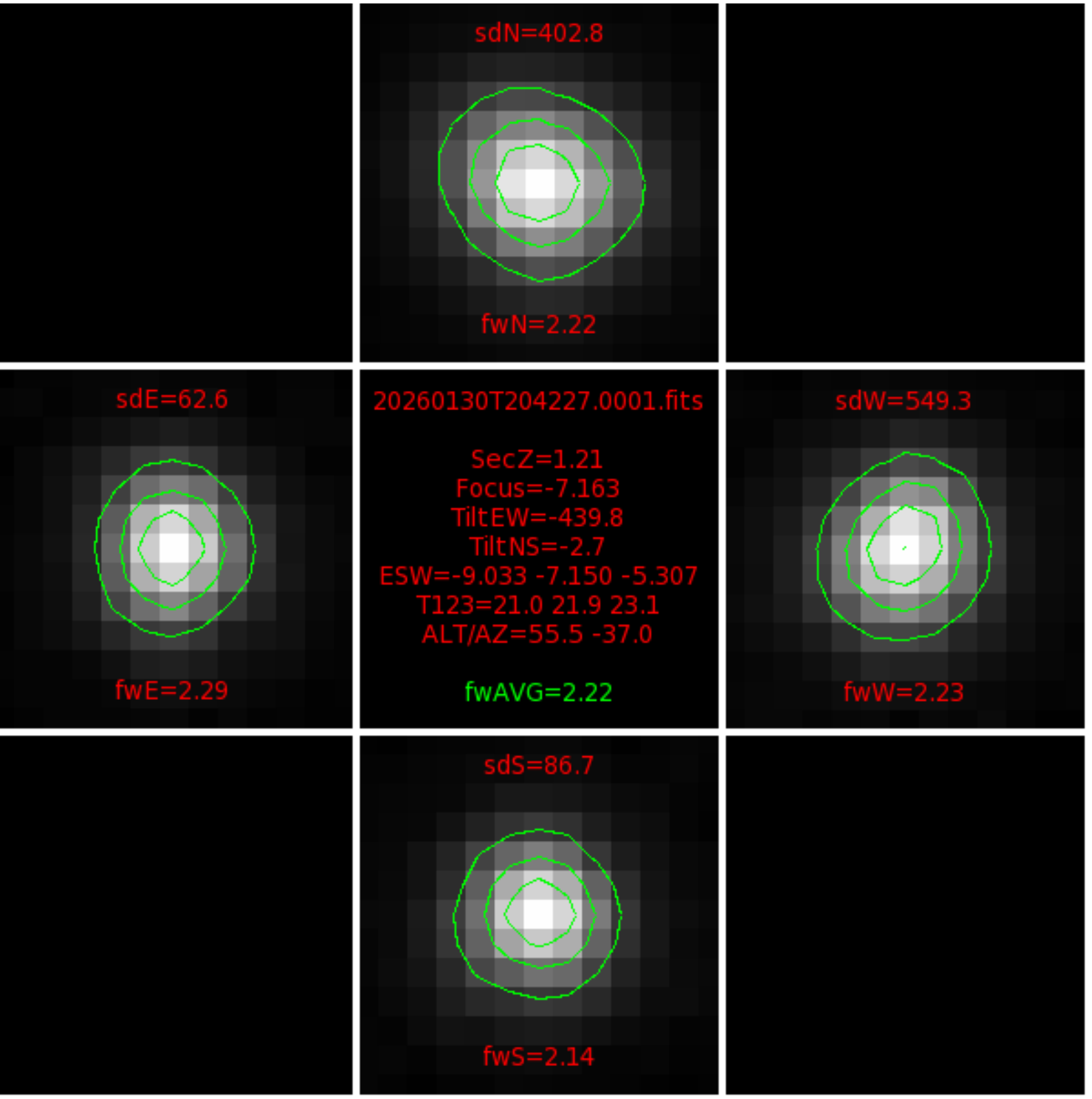
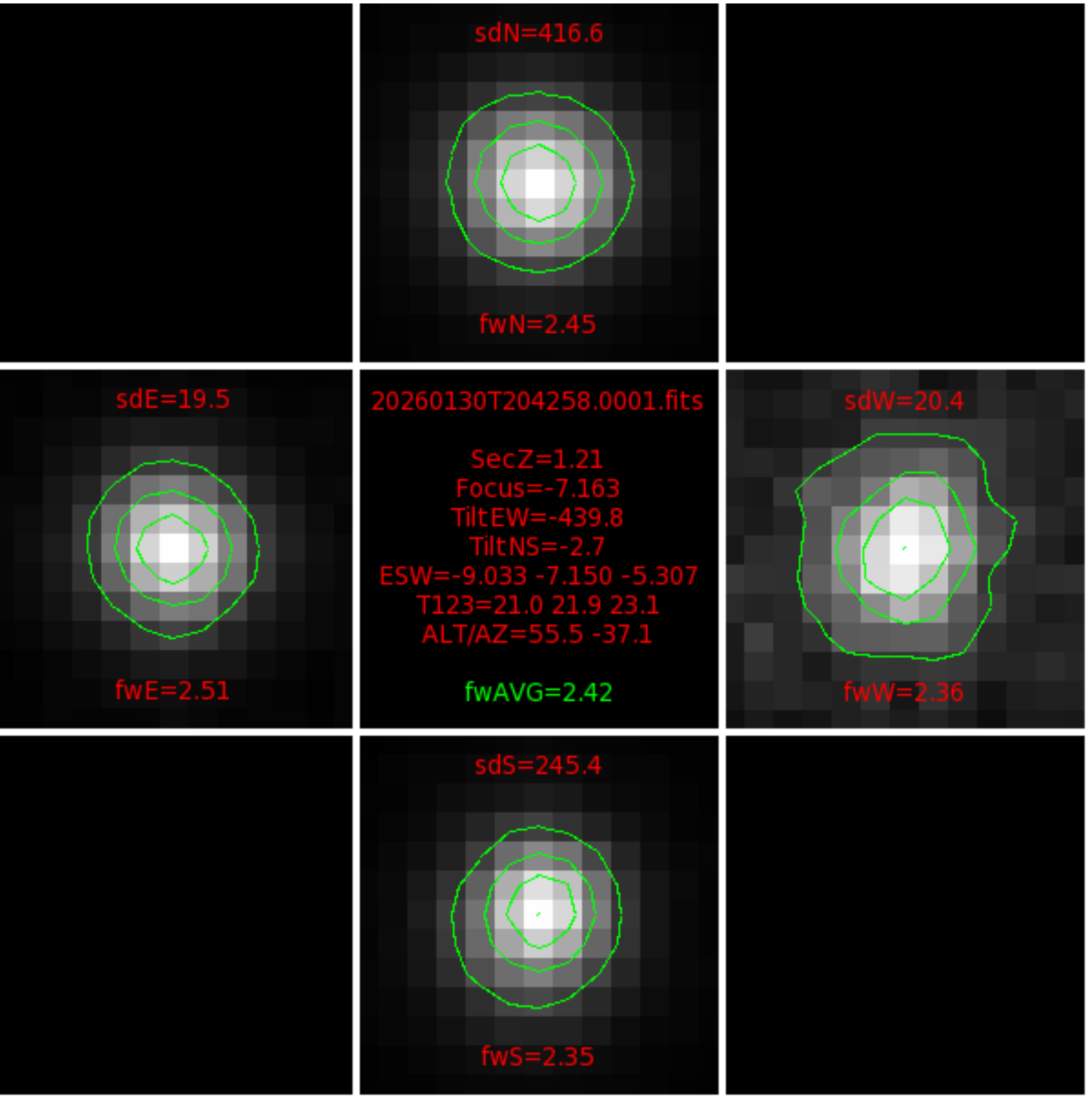
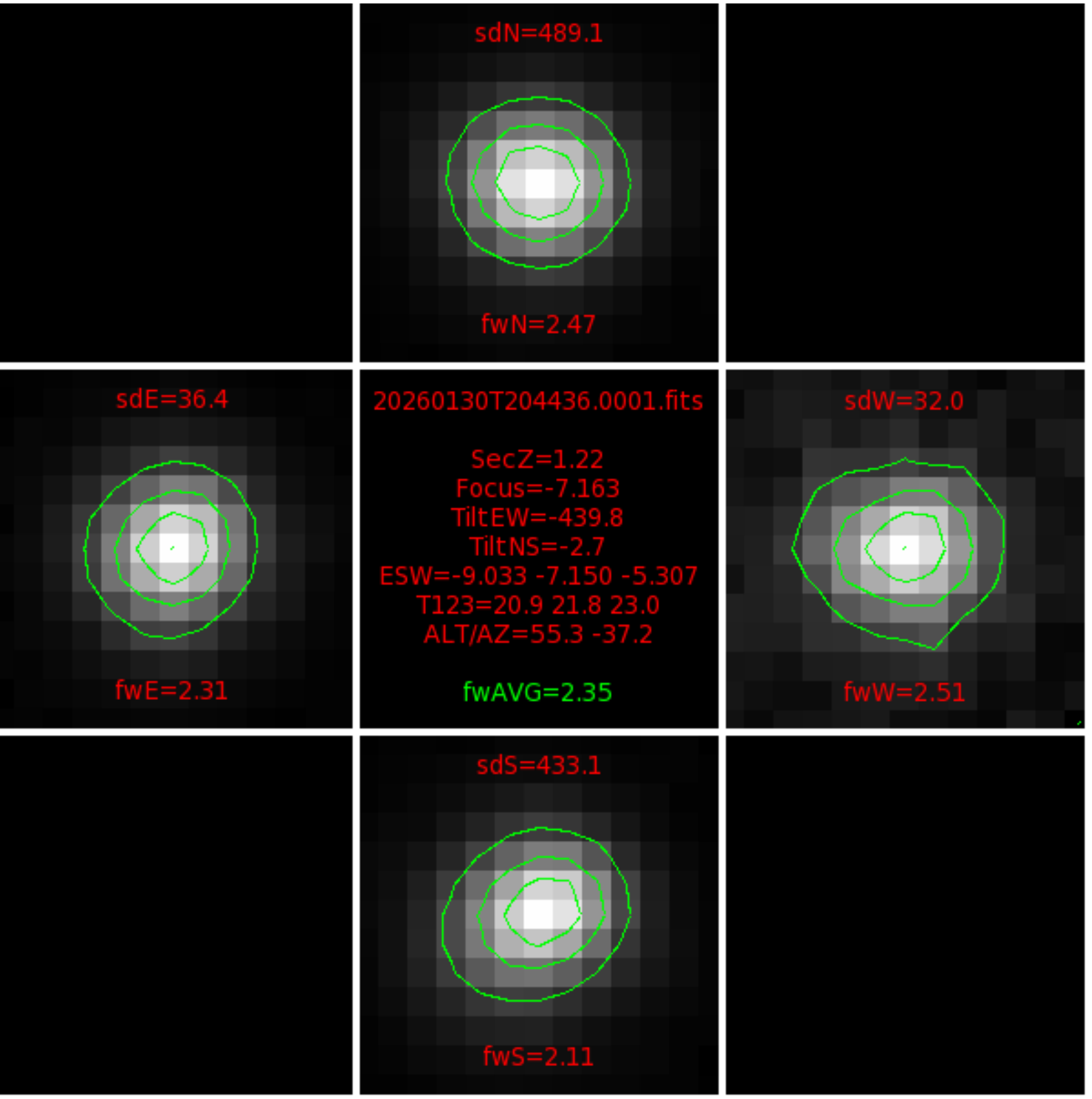

sdN=244.7
fwN=2.25
sdE=44.5
fwE=2.26
20260130T203855.0001.fits
SecZ=1.25
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=21.1 22.0 23.1
ALT/AZ=53.4 -51.9
fwAVG=2.24
sdW=426.7
fwW=2.20
sdS=16.1
fwS=2.25
0 0 0 0 0 0 0 0 0

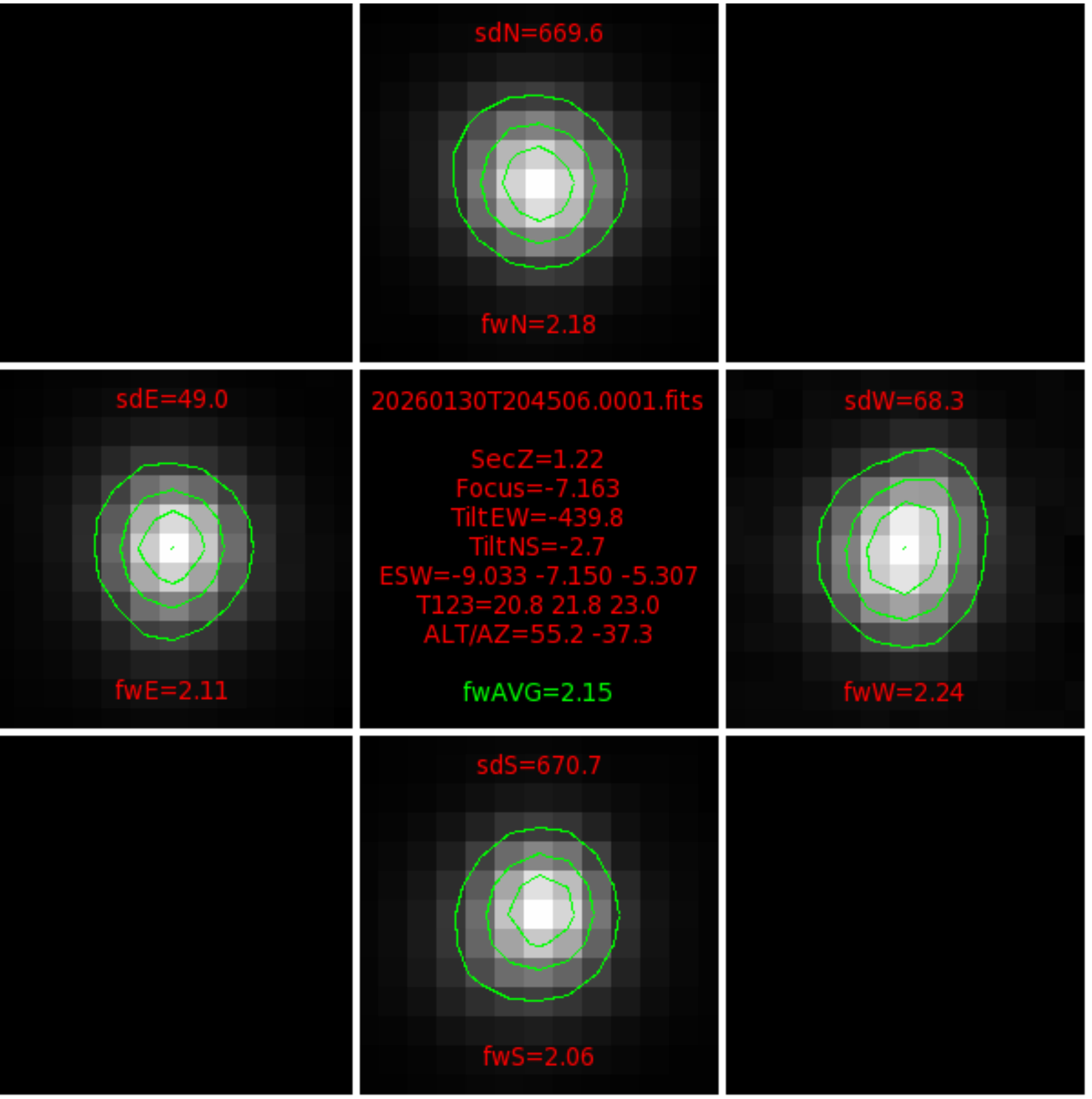

sdN=299.0
fwN=2.30
sdE=69.9
fwE=2.20
20260130T204031.0001.fits
SecZ=1.25
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=21.0 22.0 23.1
ALT/AZ=53.2 -52.0
fwAVG=2.21
sdW=511.2
fwW=2.26
sdS=20.8
fwS=2.08
0 0 0 0 0 0 0 0 0

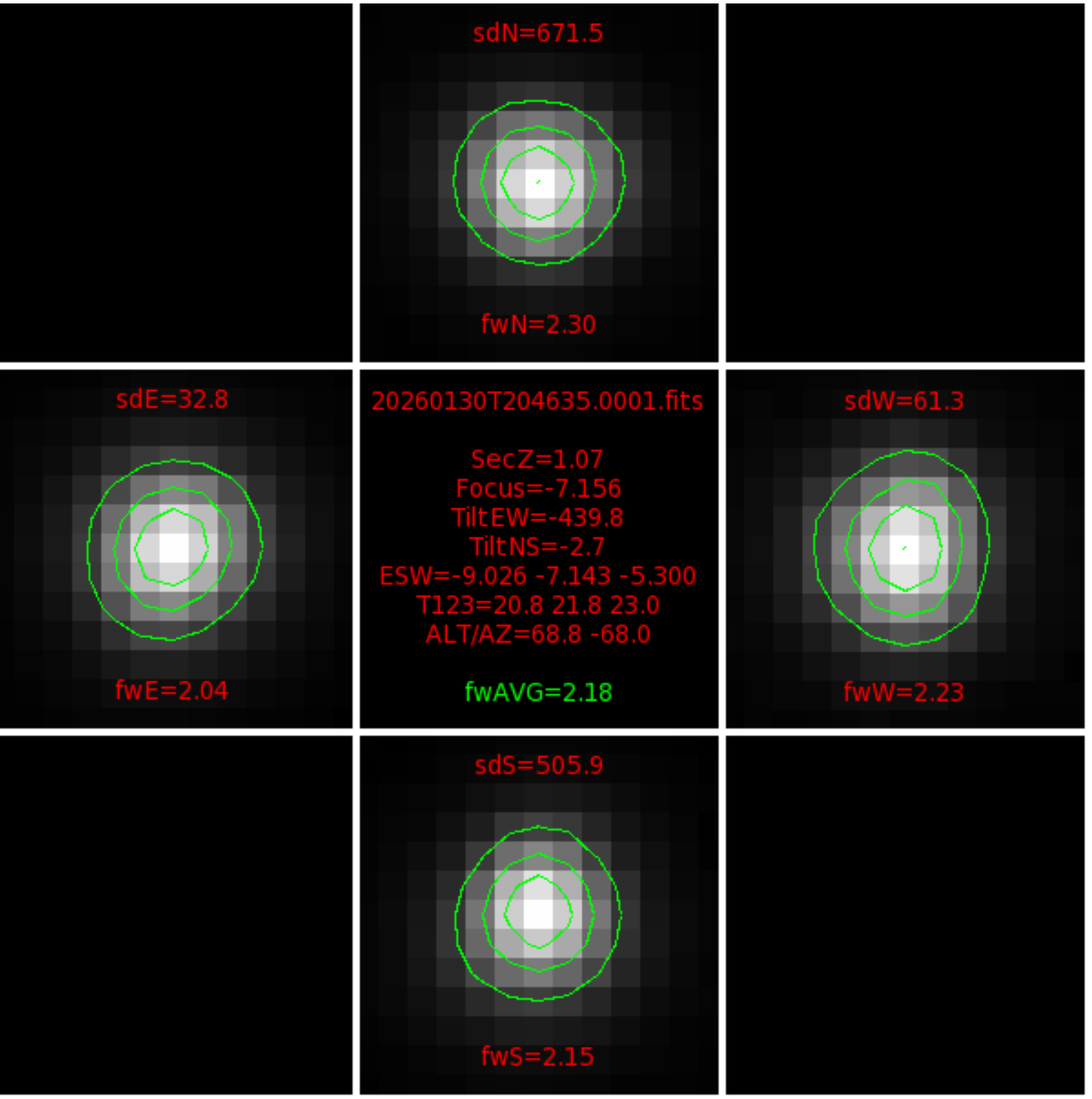

sdN=412.4
fwN=2.22
sdE=115.8
fwE=2.12
20260130T204101.0001.fits
SecZ=1.25
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=21.0 22.0 23.1
ALT/AZ=53.1 -52.0
fwAVG=2.15
sdW=709.2
fwW=2.17
sdS=32.2
fwS=2.10
0 0 0 0 0 0 0 0 0

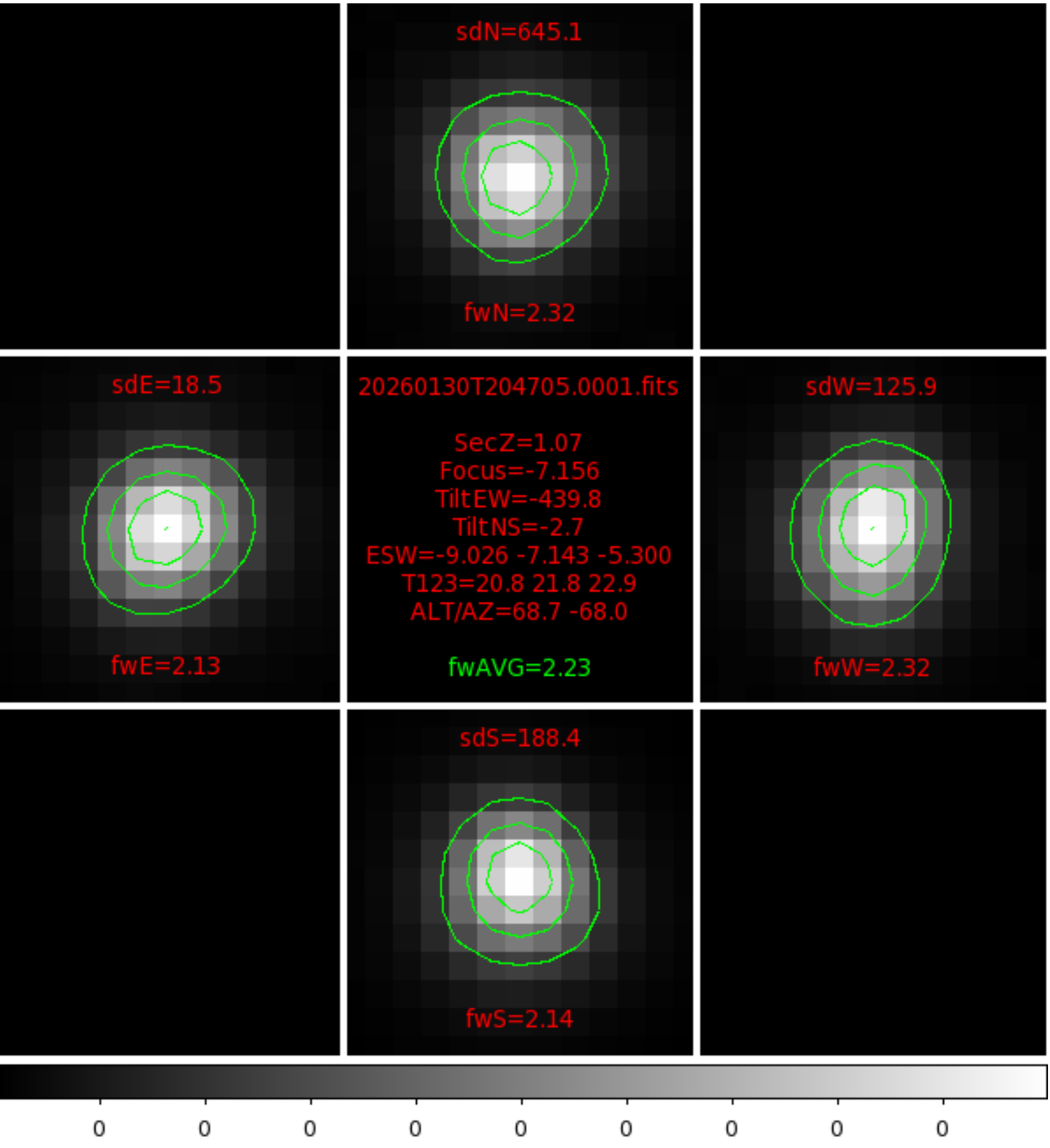

sdN=402.8
fwN=2.22
sdE=62.6
fwE=2.29
20260130T204227.0001.fits
SecZ=1.21
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=21.0 21.9 23.1
ALT/AZ=55.5 -37.0
fwAVG=2.22
sdW=549.3
fwW=2.23
sdS=86.7
fwS=2.14
0 0 0 0 0 0 0 0 0

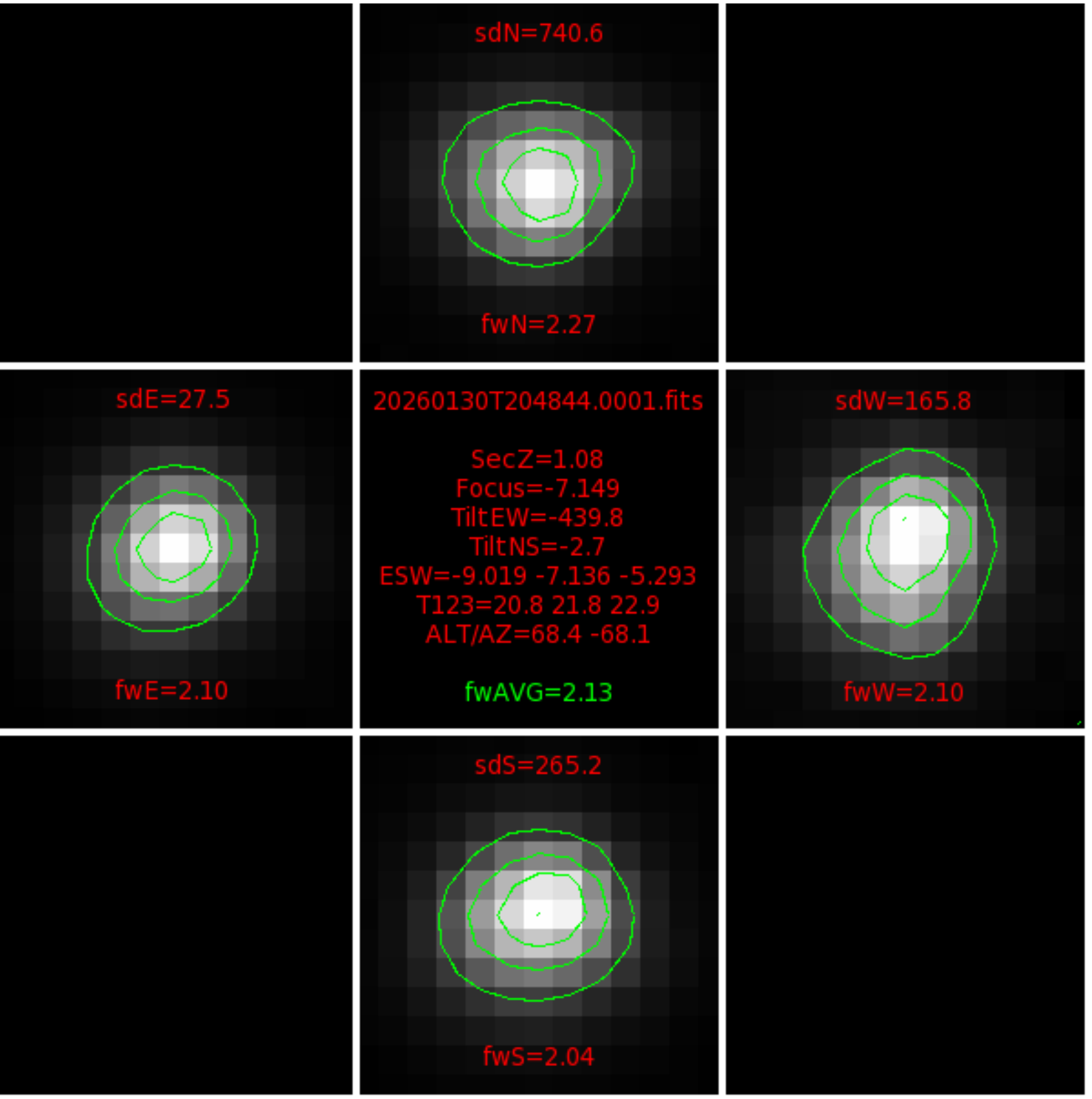

sdN=416.6
fwN=2.45
sdE=19.5
fwE=2.51
20260130T204258.0001.fits
SecZ=1.21
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=21.0 21.9 23.1
ALT/AZ=55.5 -37.1
fwAVG=2.42
sdW=20.4
fwW=2.36
sdS=245.4
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=489.1
fwN=2.47
sdE=36.4
fwE=2.31
20260130T204436.0001.fits
SecZ=1.22
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=20.9 21.8 23.0
ALT/AZ=55.3 -37.2
fwAVG=2.35
sdW=32.0
fwW=2.51
sdS=433.1
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=669.6
fwN=2.18
sdE=49.0
fwE=2.11
20260130T204506.0001.fits
SecZ=1.22
Focus=-7.163
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.033 -7.150 -5.307
T123=20.8 21.8 23.0
ALT/AZ=55.2 -37.3
fwAVG=2.15
sdW=68.3
fwW=2.24
sdS=670.7
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=671.5
fwN=2.30
sdE=32.8
fwE=2.04
20260130T204635.0001.fits
SecZ=1.07
Focus=-7.156
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.026 -7.143 -5.300
T123=20.8 21.8 23.0
ALT/AZ=68.8 -68.0
fwAVG=2.18
sdW=61.3
fwW=2.23
sdS=505.9
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=645.1
fwN=2.32
sdE=18.5
fwE=2.13
20260130T204705.0001.fits
SecZ=1.07
Focus=-7.156
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.026 -7.143 -5.300
T123=20.8 21.8 22.9
ALT/AZ=68.7 -68.0
fwAVG=2.23
sdW=125.9
fwW=2.32
sdS=188.4
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=740.6
fwN=2.27
sdE=27.5
fwE=2.10
20260130T204844.0001.fits
SecZ=1.08
Focus=-7.149
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.019 -7.136 -5.293
T123=20.8 21.8 22.9
ALT/AZ=68.4 -68.1
fwAVG=2.13
sdW=165.8
fwW=2.10
sdS=265.2
fwS=2.04
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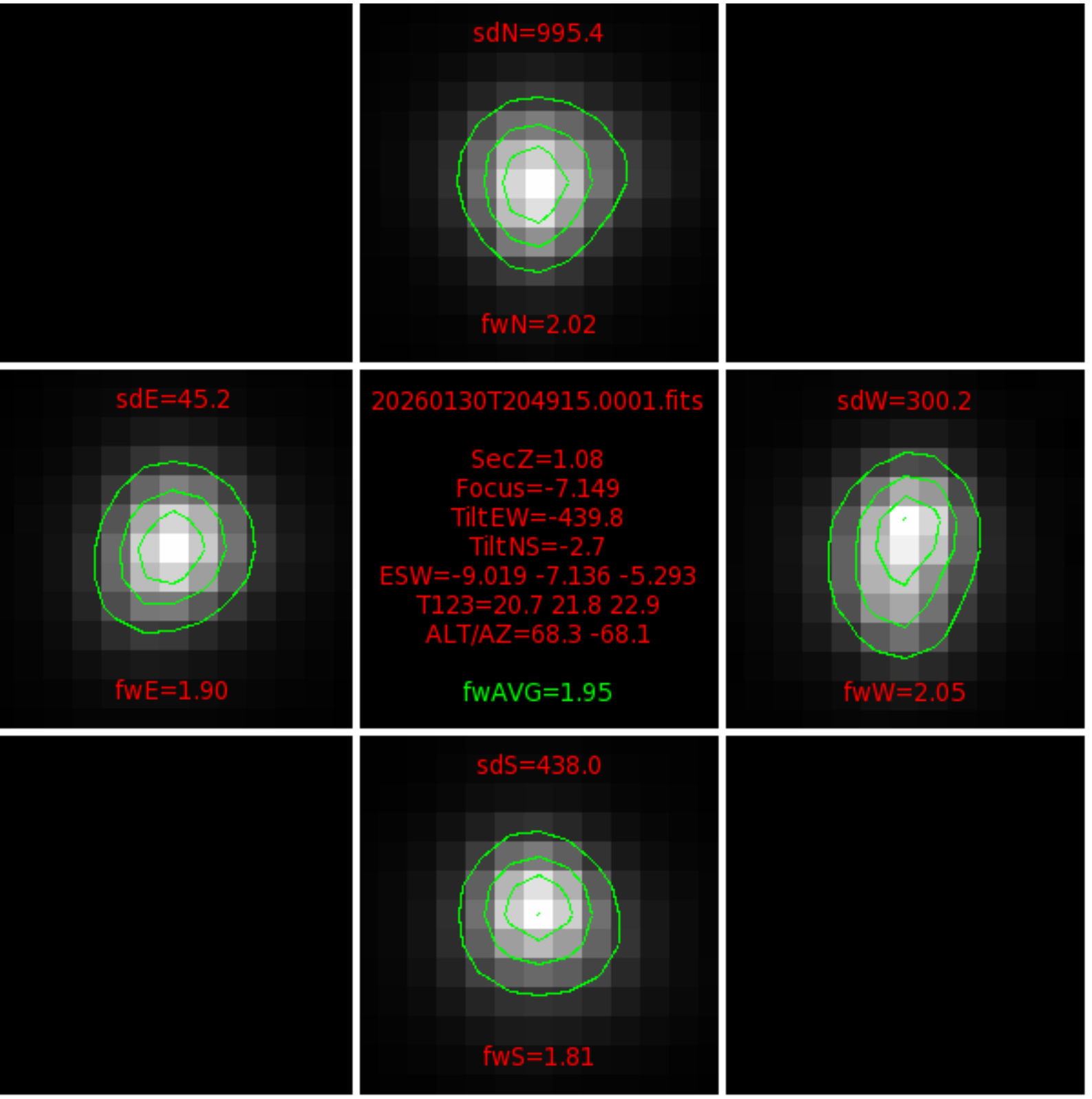
sdN=995.4
fwN=2.02
sdE=45.2
fwE=1.90
20260130T204915.0001.fits
SecZ=1.08
Focus=-7.149
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.019 -7.136 -5.293
T123=20.7 21.8 22.9
ALT/AZ=68.3 -68.1
fwAVG=1.95
sdW=300.2
fwW=2.05
sdS=438.0
fwS=1.81
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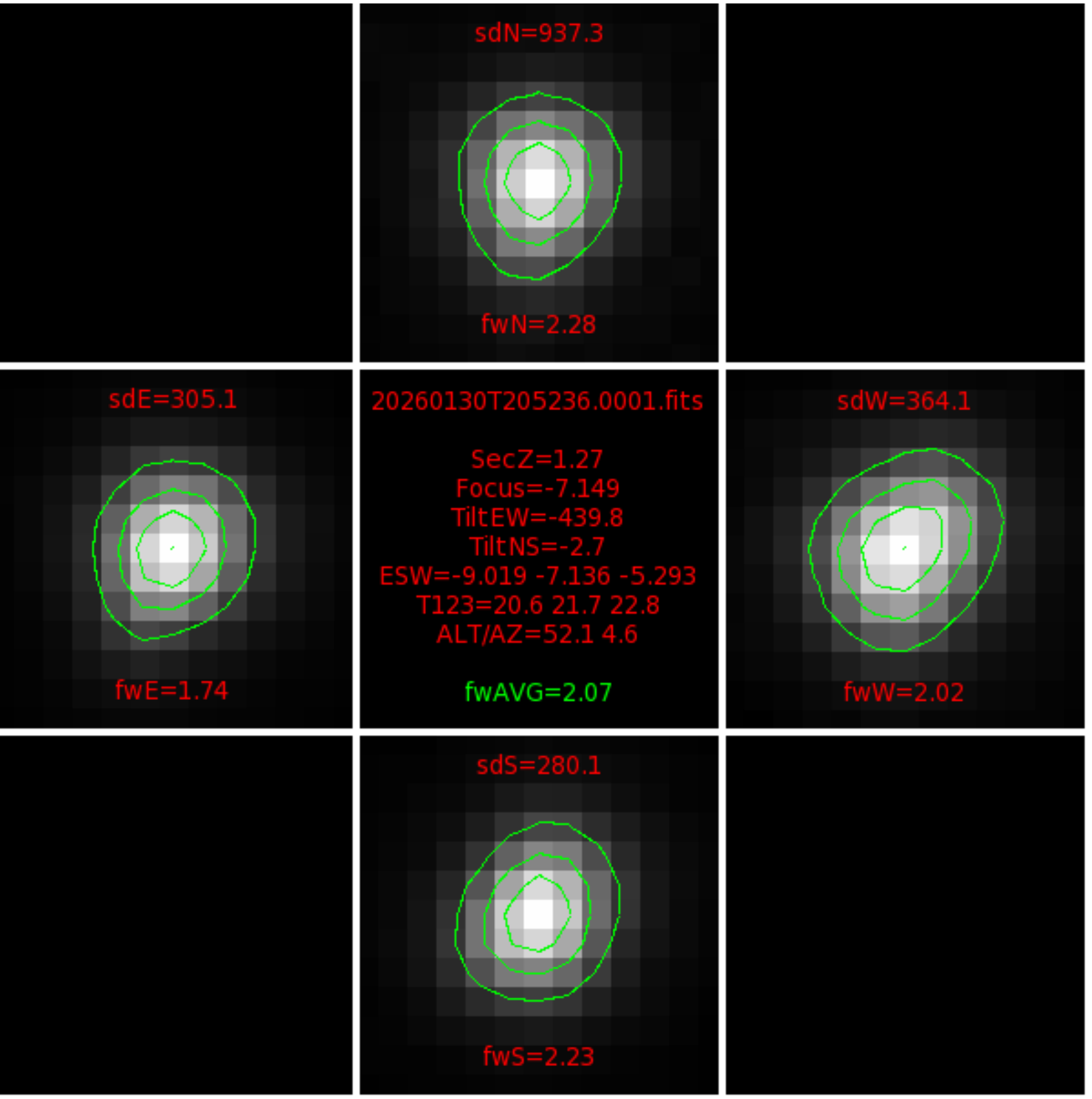
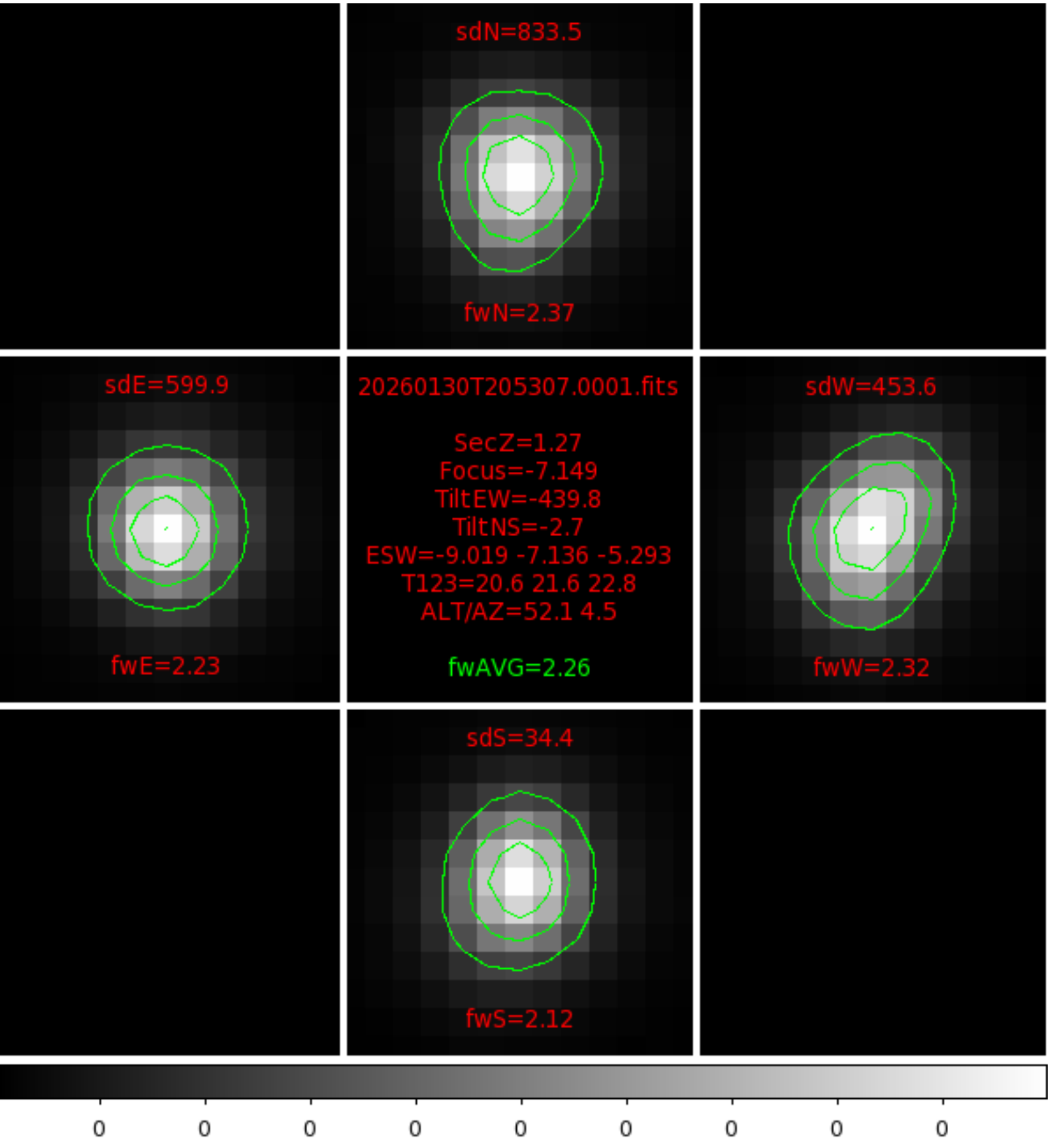

sdN=937.3
fwN=2.28
sdE=305.1
fwE=1.74
20260130T205236.0001.fits
SecZ=1.27
Focus=-7.149
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.019 -7.136 -5.293
T123=20.6 21.7 22.8
ALT/AZ=52.1 4.6
fwAVG=2.07
sdW=364.1
fwW=2.02
sdS=280.1
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=833.5
fwN=2.37
sdE=599.9
fwE=2.23
20260130T205307.0001.fits
SecZ=1.27
Focus=-7.149
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.019 -7.136 -5.293
T123=20.6 21.6 22.8
ALT/AZ=52.1 4.5
fwAVG=2.26
sdW=453.6
fwW=2.32
sdS=34.4
fwS=2.12
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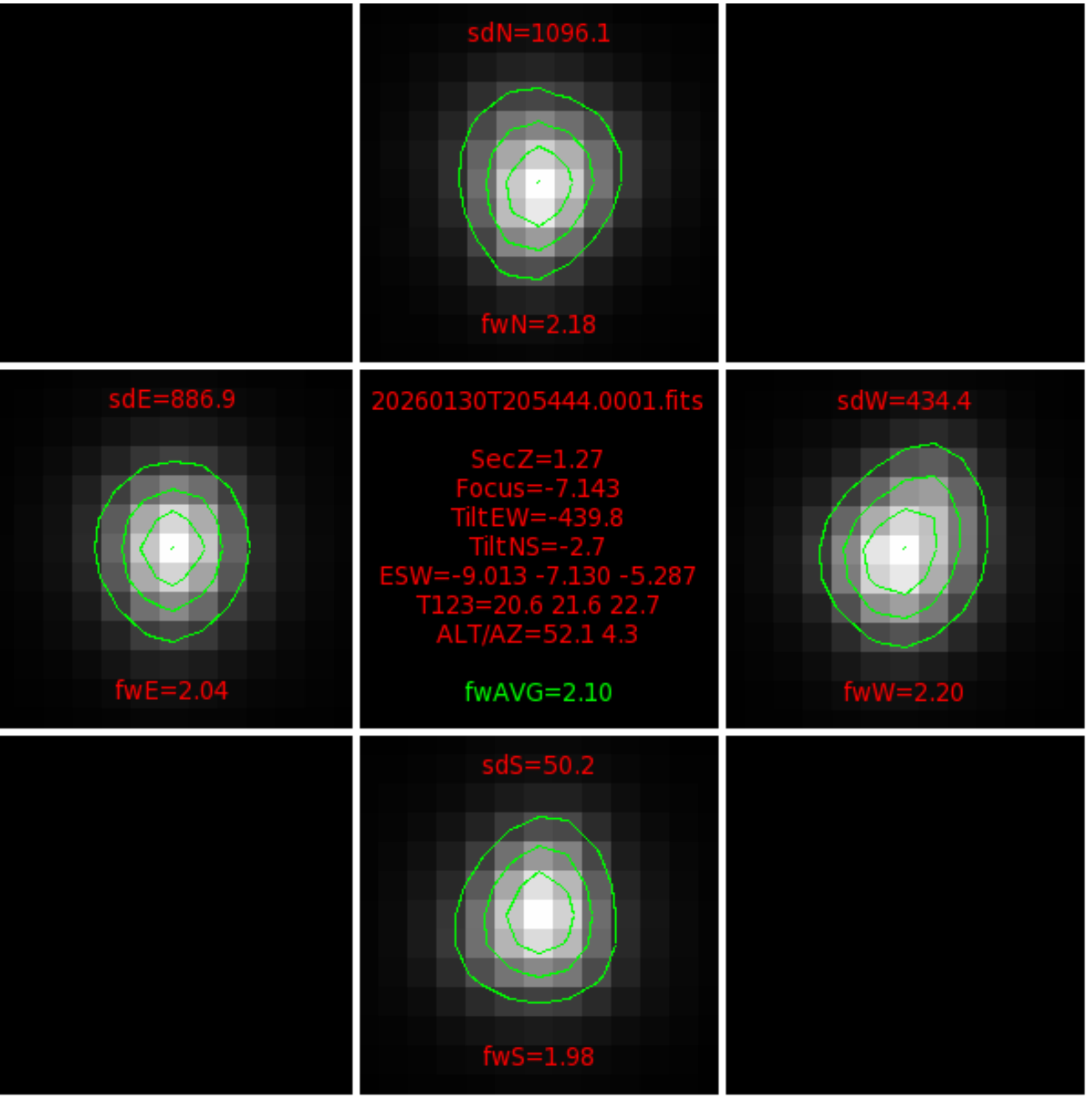
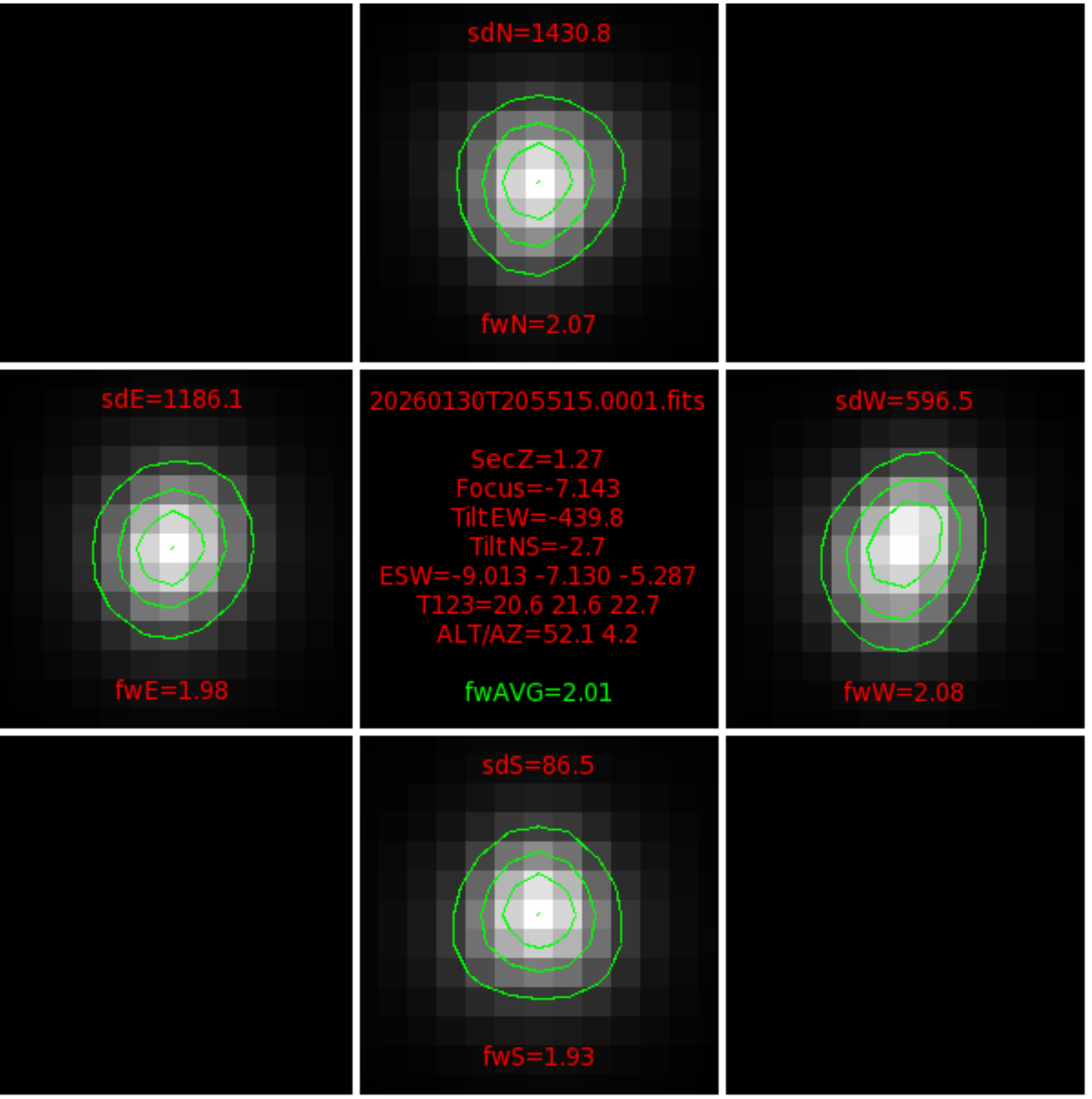
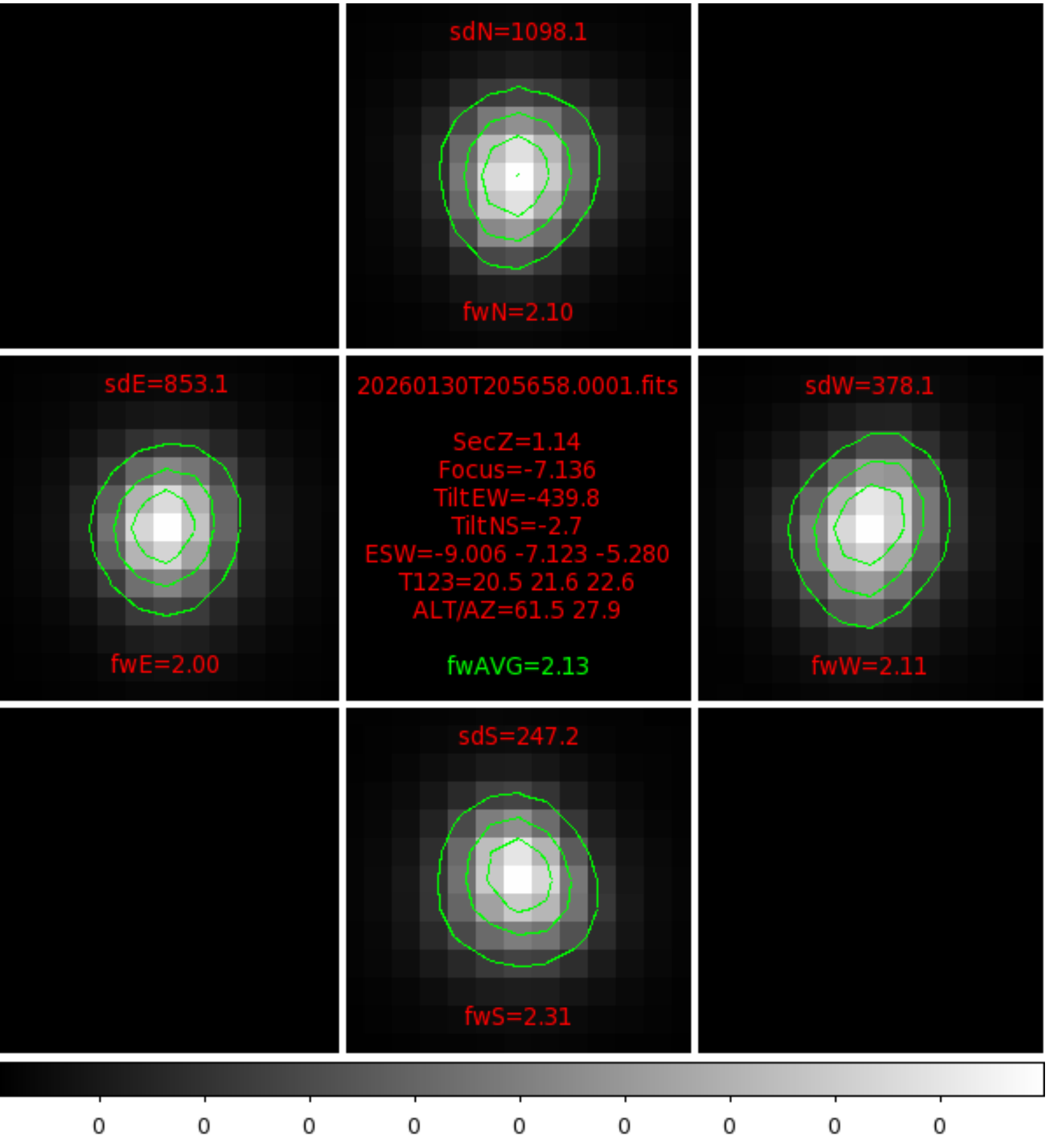
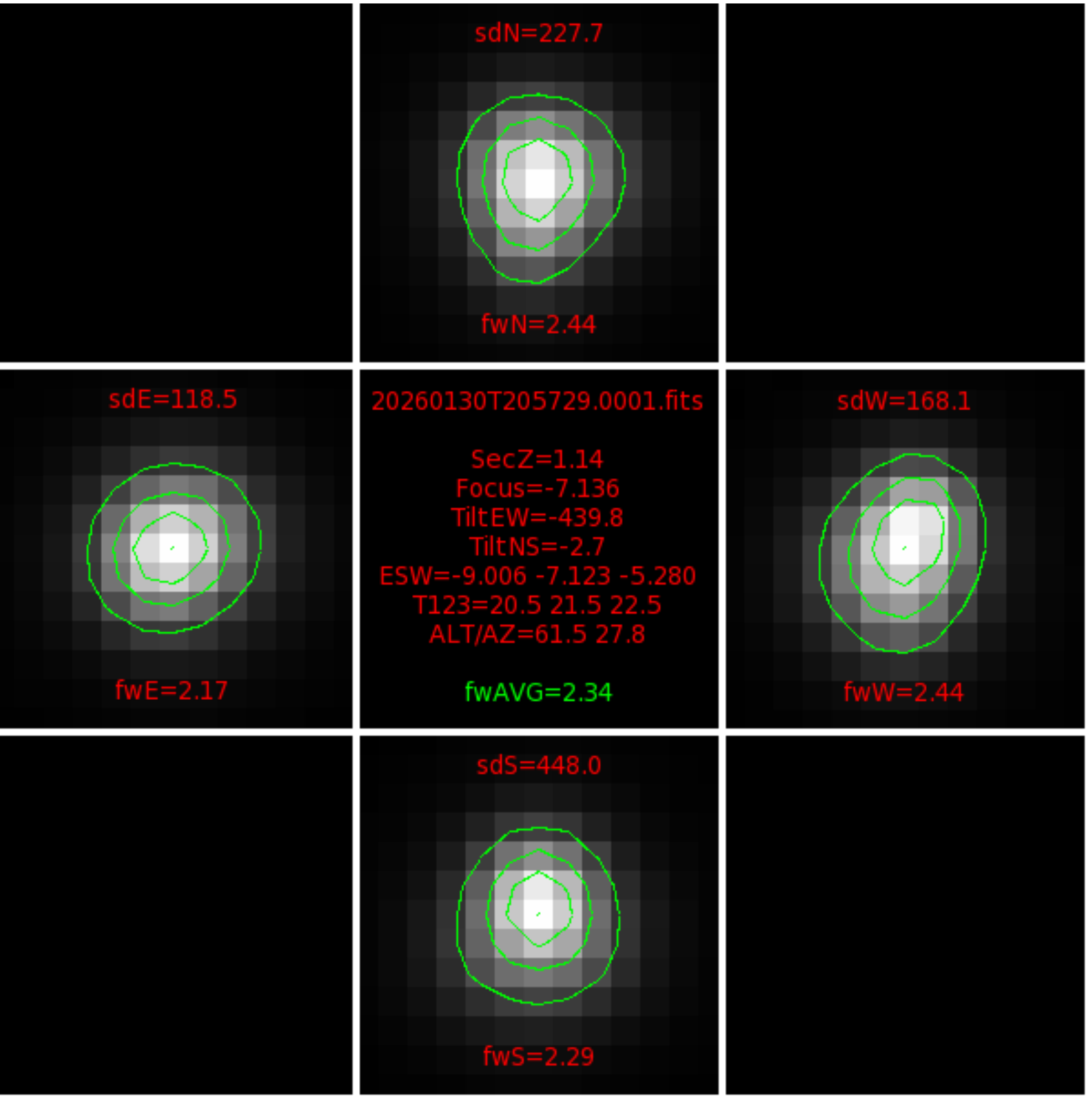

sdN=1096.1
fwN=2.18
sdE=886.9
fwE=2.04
20260130T205444.0001.fits
SecZ=1.27
Focus=-7.143
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.013 -7.130 -5.287
T123=20.6 21.6 22.7
ALT/AZ=52.1 4.3
fwAVG=2.10
sdW=434.4
fwW=2.20
sdS=50.2
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=1430.8
fwN=2.07
sdE=1186.1
fwE=1.98
20260130T205515.0001.fits
SecZ=1.27
Focus=-7.143
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.013 -7.130 -5.287
T123=20.6 21.6 22.7
ALT/AZ=52.1 4.2
fwAVG=2.01
sdW=596.5
fwW=2.08
sdS=86.5
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=1098.1
fwN=2.10
sdE=853.1
fwE=2.00
20260130T205658.0001.fits
SecZ=1.14
Focus=-7.136
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.006 -7.123 -5.280
T123=20.5 21.6 22.6
ALT/AZ=61.5 27.9
fwAVG=2.13
sdW=378.1
fwW=2.11
sdS=247.2
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=227.7
fwN=2.44
sdE=118.5
fwE=2.17
20260130T205729.0001.fits
SecZ=1.14
Focus=-7.136
TiltEW=-439.8
TiltNS=-2.7
ESW=-9.006 -7.123 -5.280
T123=20.5 21.5 22.5
ALT/AZ=61.5 27.8
fwAVG=2.34
sdW=168.1
fwW=2.44
sdS=448.0
fwS=2.29
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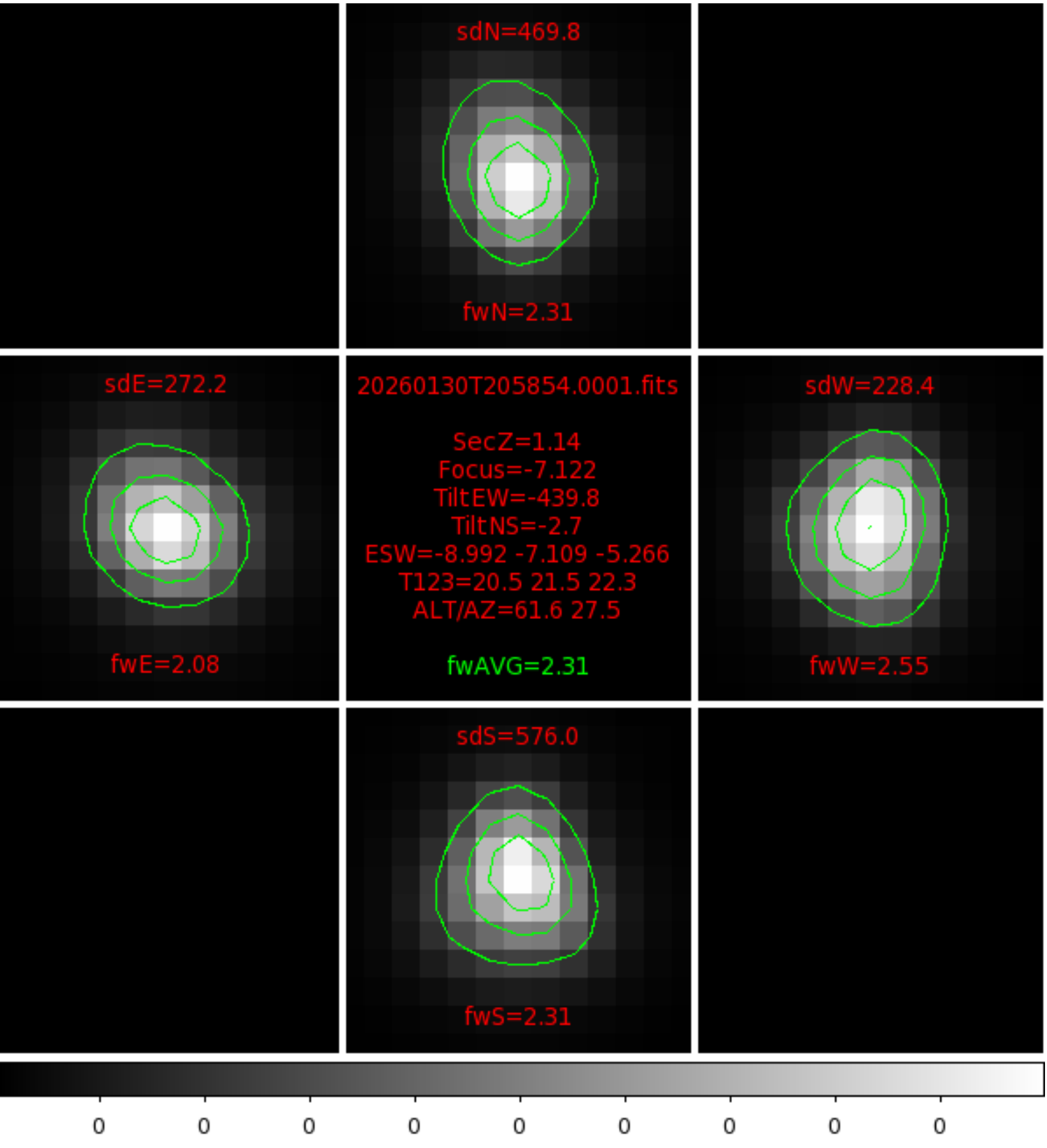
sdN=469.8
fwN=2.31
sdE=272.2
fwE=2.08
20260130T205854.0001.fits
SecZ=1.14
Focus=-7.122
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.992 -7.109 -5.266
T123=20.5 21.5 22.3
ALT/AZ=61.6 27.5
fwAVG=2.31
sdW=228.4
fwW=2.55
sdS=576.0
fwS=2.31
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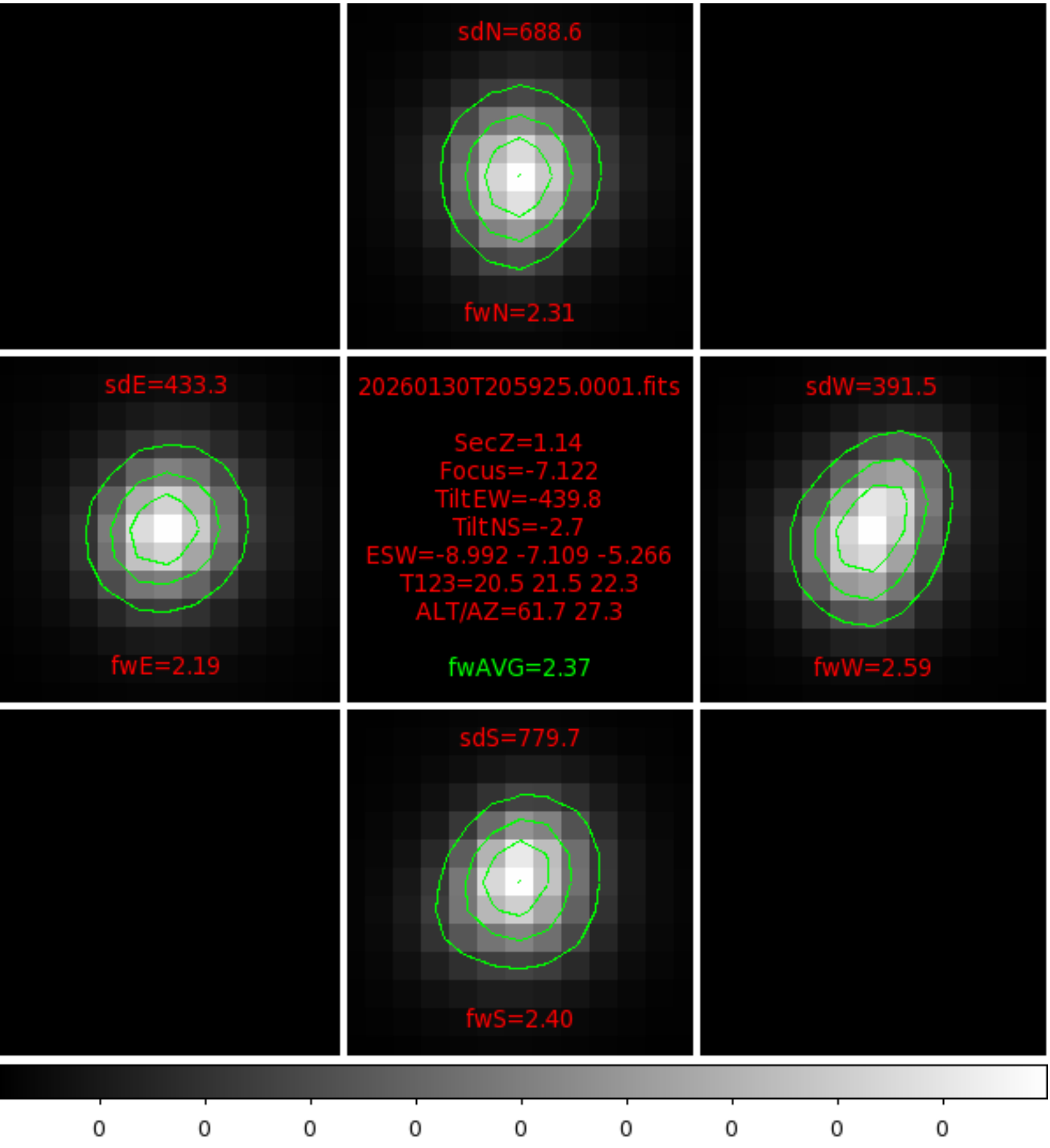
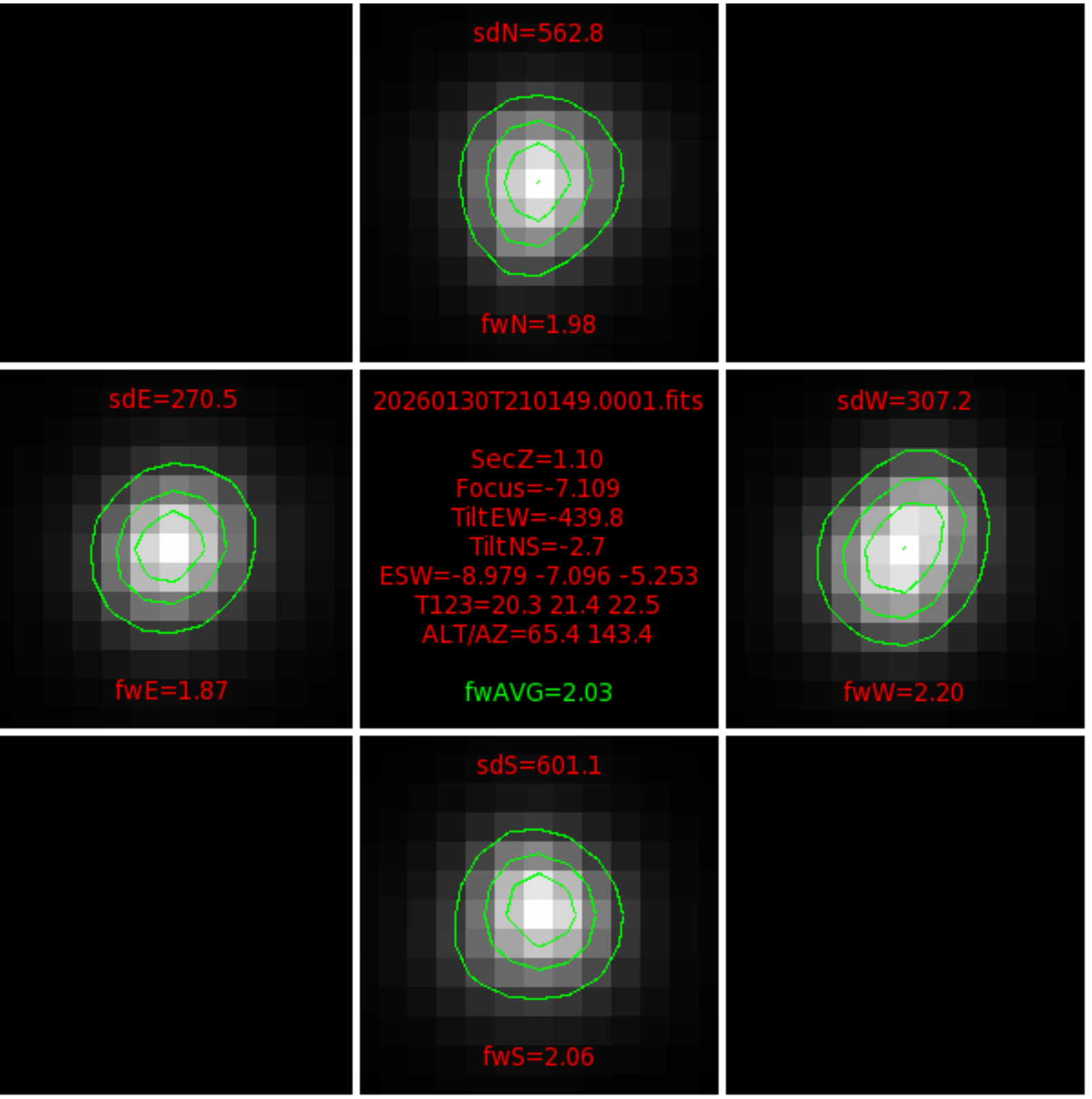
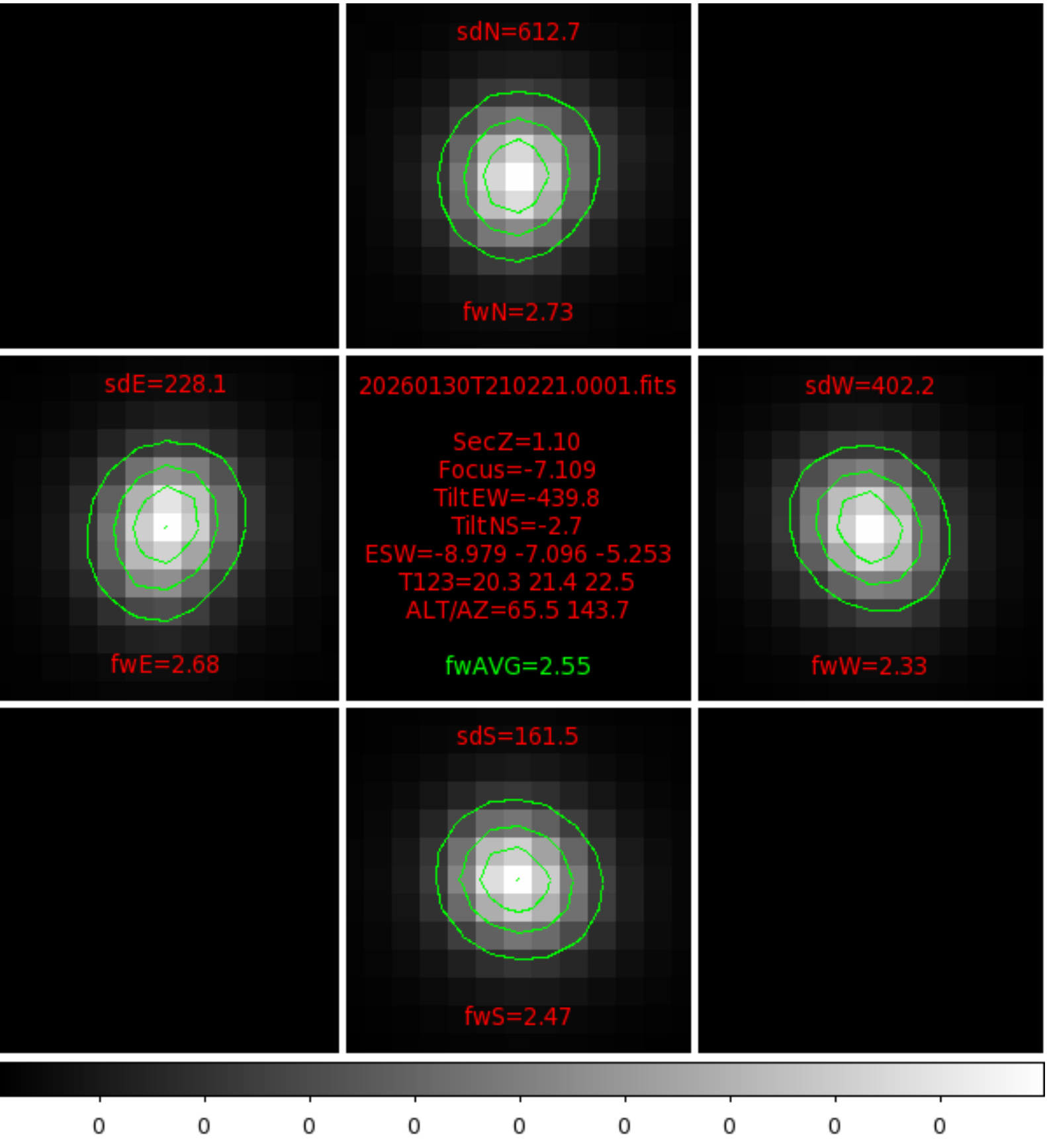

sdN=688.6
fwN=2.31
sdE=433.3
fwE=2.19
20260130T205925.0001.fits
SecZ=1.14
Focus=-7.122
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.992 -7.109 -5.266
T123=20.5 21.5 22.3
ALT/AZ=61.7 27.3
fwAVG=2.37
sdW=391.5
fwW=2.59
sdS=779.7
fwS=2.40
0 0 0 0 0 0 0 0 0


sdN=562.8
fwN=1.98
sdE=270.5
fwE=1.87
20260130T210149.0001.fits
SecZ=1.10
Focus=-7.109
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.979 -7.096 -5.253
T123=20.3 21.4 22.5
ALT/AZ=65.4 143.4
fwAVG=2.03
sdW=307.2
fwW=2.20
sdS=601.1
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=612.7
fwN=2.73
sdE=228.1
fwE=2.68
20260130T210221.0001.fits
SecZ=1.10
Focus=-7.109
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.979 -7.096 -5.253
T123=20.3 21.4 22.5
ALT/AZ=65.5 143.7
fwAVG=2.55
sdW=402.2
fwW=2.33
sdS=161.5
fwS=2.47
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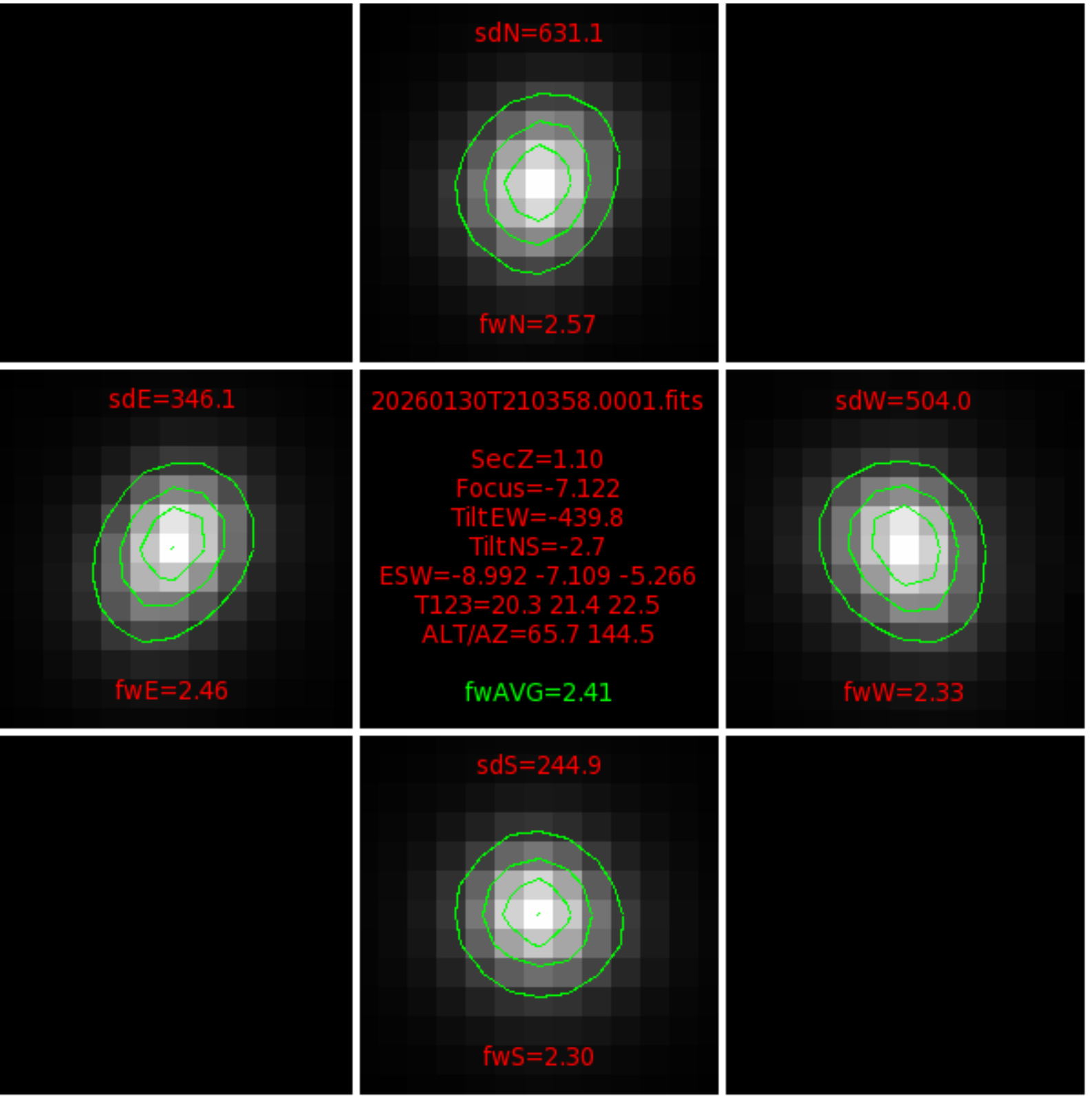
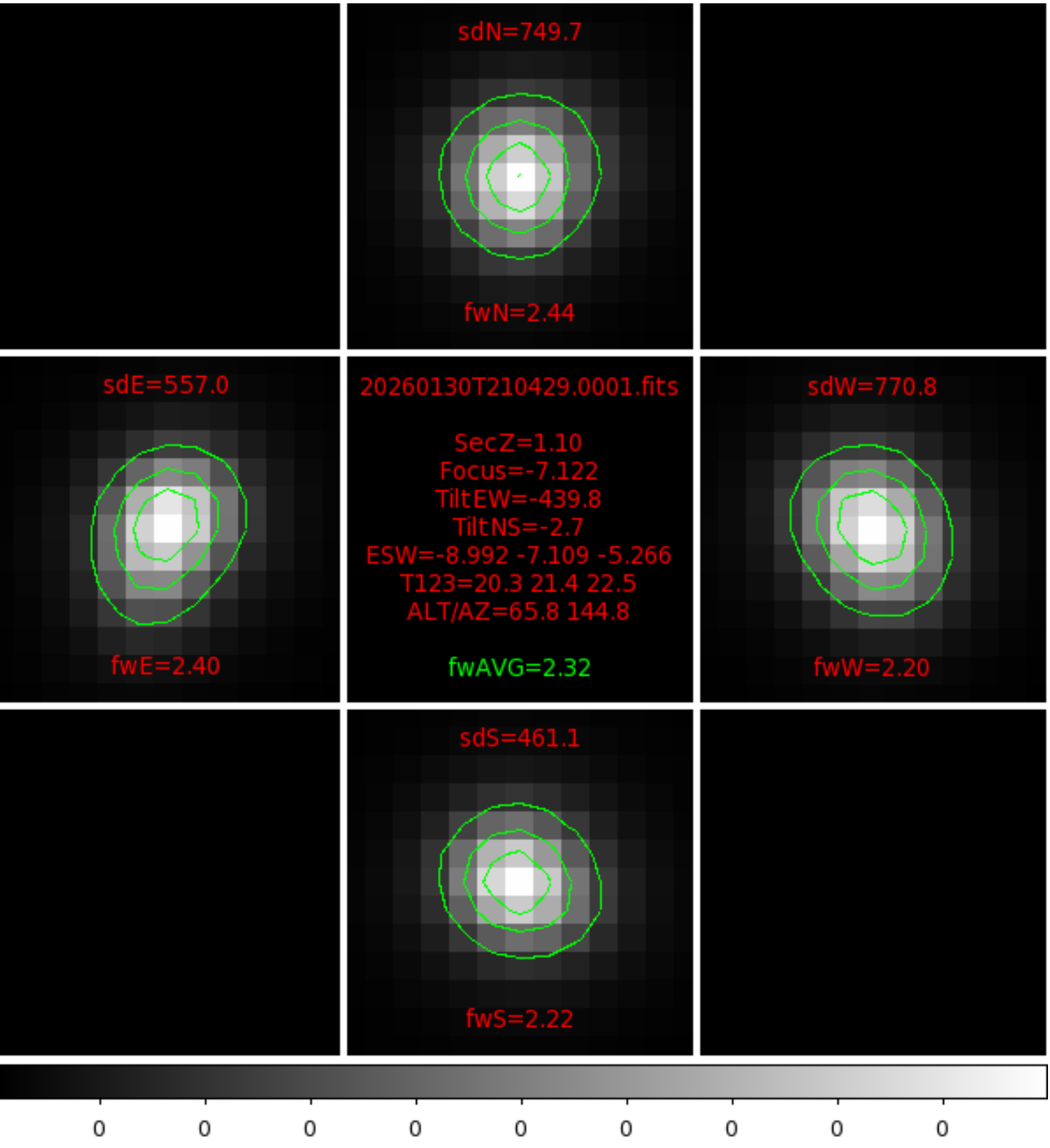

sdN=631.1
fwN=2.57
sdE=346.1
fwE=2.46
20260130T210358.0001.fits
SecZ=1.10
Focus=-7.122
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.992 -7.109 -5.266
T123=20.3 21.4 22.5
ALT/AZ=65.7 144.5
fwAVG=2.41
sdW=504.0
fwW=2.33
sdS=244.9
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=749.7
fwN=2.44
sdE=557.0
fwE=2.40
20260130T210429.0001.fits
SecZ=1.10
Focus=-7.122
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.992 -7.109 -5.266
T123=20.3 21.4 22.5
ALT/AZ=65.8 144.8
fwAVG=2.32
sdW=770.8
fwW=2.20
sdS=461.1
fwS=2.22
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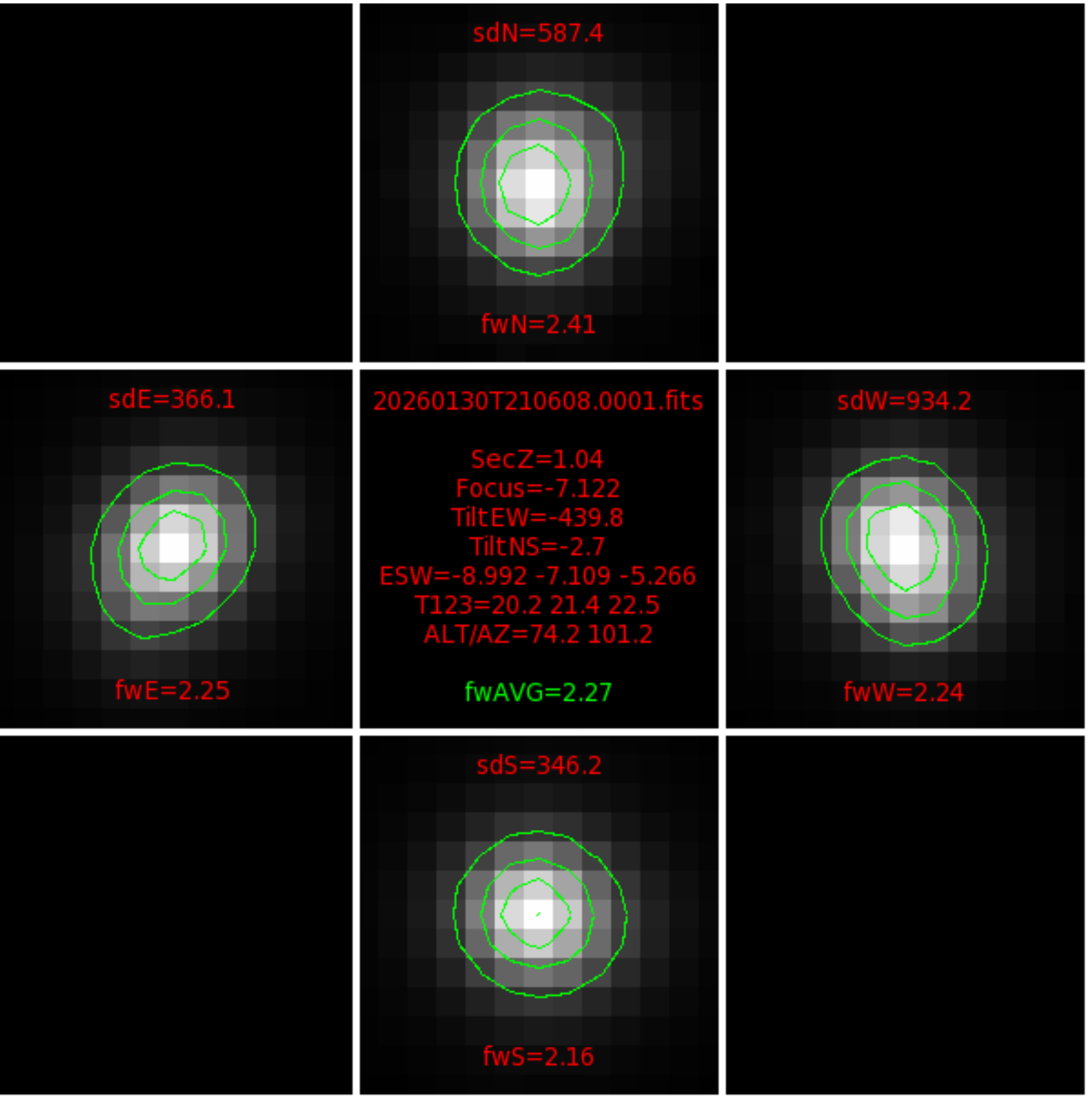
sdN=587.4
fwN=2.41
sdE=366.1
fwE=2.25
20260130T210608.0001.fits
SecZ=1.04
Focus=-7.122
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.992 -7.109 -5.266
T123=20.2 21.4 22.5
ALT/AZ=74.2 101.2
fwAVG=2.27
sdW=934.2
fwW=2.24
sdS=346.2
fwS=2.16
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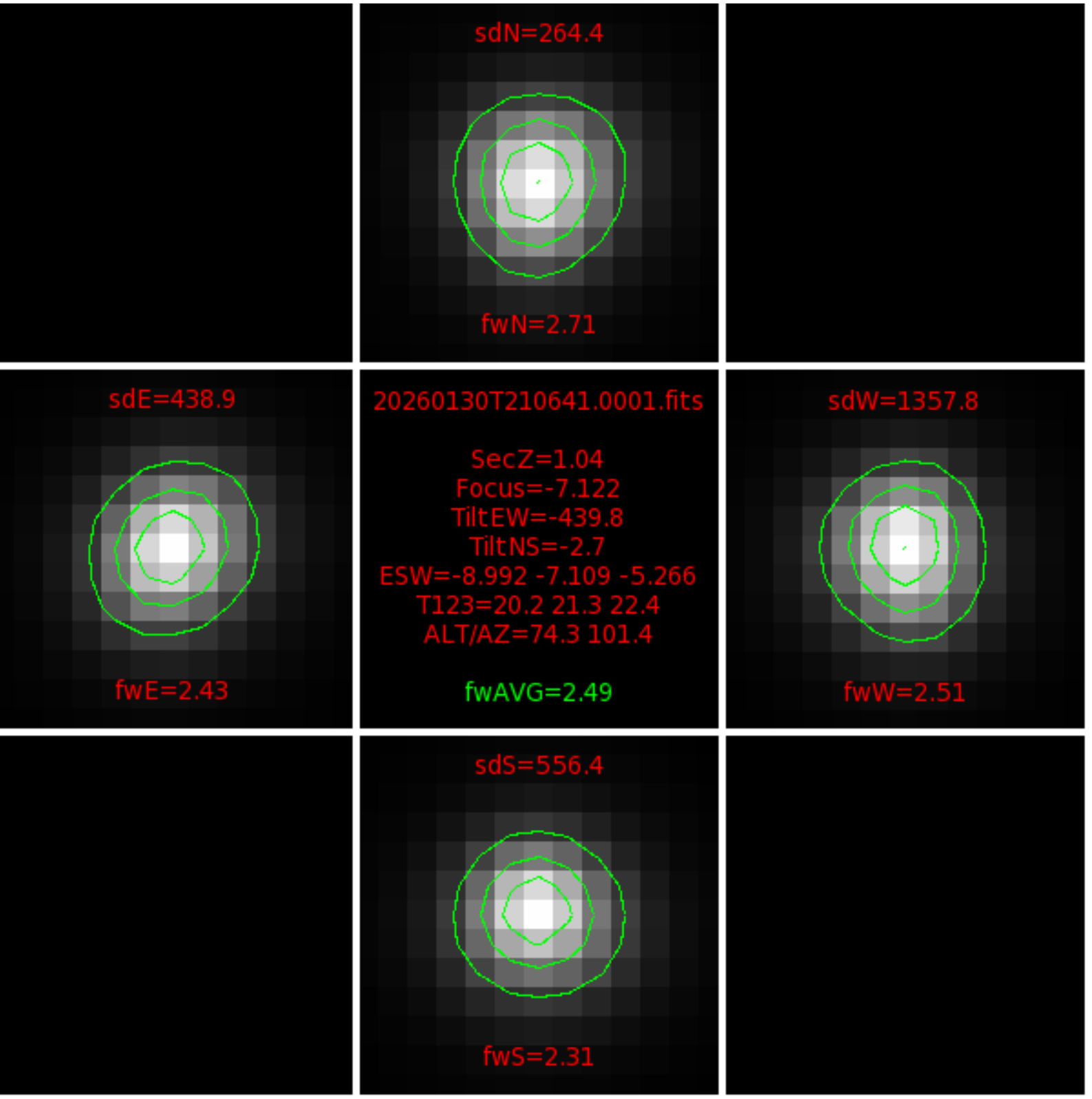
sdN=264.4
fwN=2.71
sdE=438.9
fwE=2.43
20260130T210641.0001.fits
SecZ=1.04
Focus=-7.122
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.992 -7.109 -5.266
T123=20.2 21.3 22.4
ALT/AZ=74.3 101.4
fwAVG=2.49
sdW=1357.8
fwW=2.51
sdS=556.4
fwS=2.31
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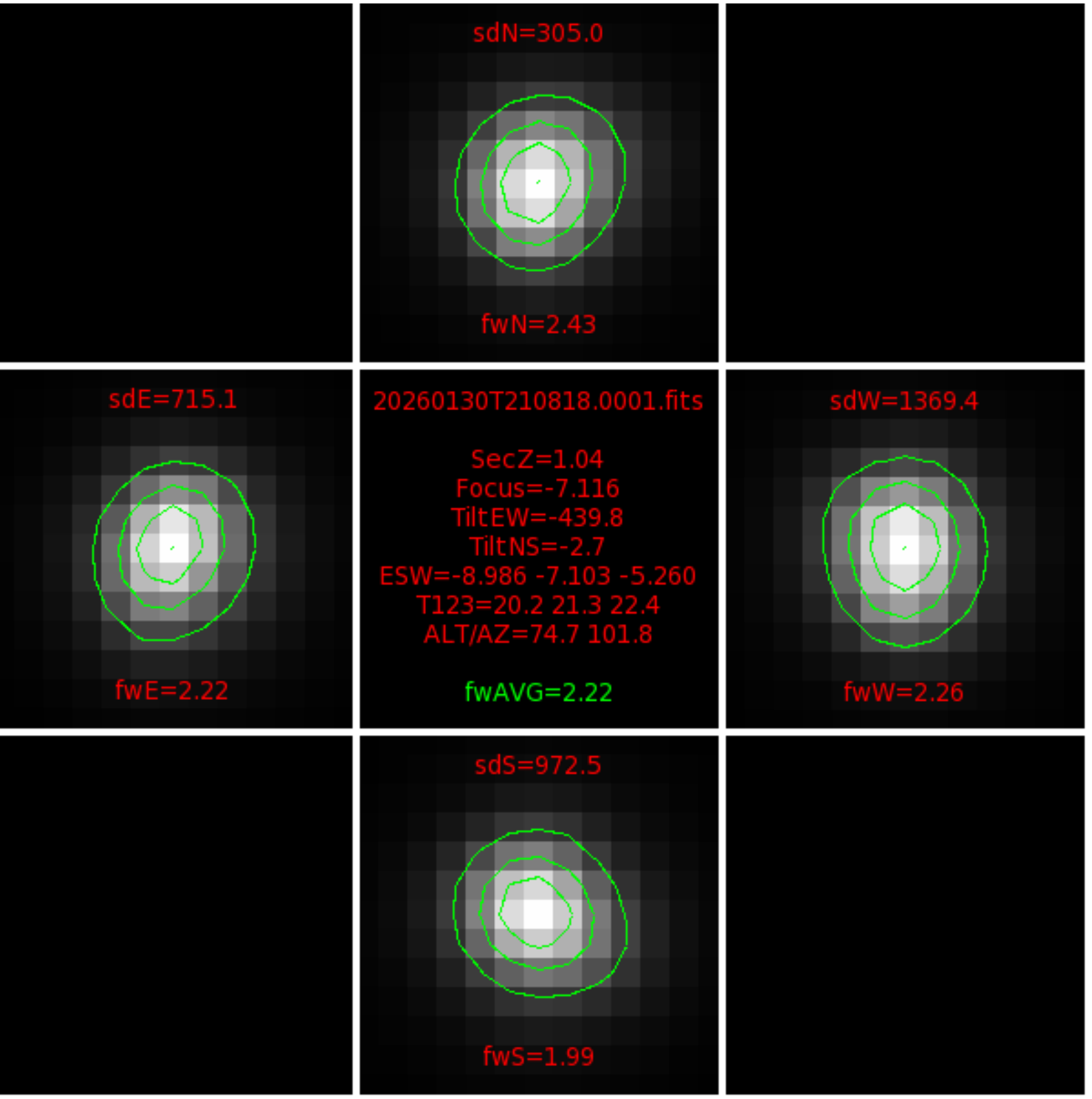
sdN=305.0
fwN=2.43
sdE=715.1
fwE=2.22
20260130T210818.0001.fits
SecZ=1.04
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.2 21.3 22.4
ALT/AZ=74.7 101.8
fwAVG=2.22
sdW=1369.4
fwW=2.26
sdS=972.5
fwS=1.99
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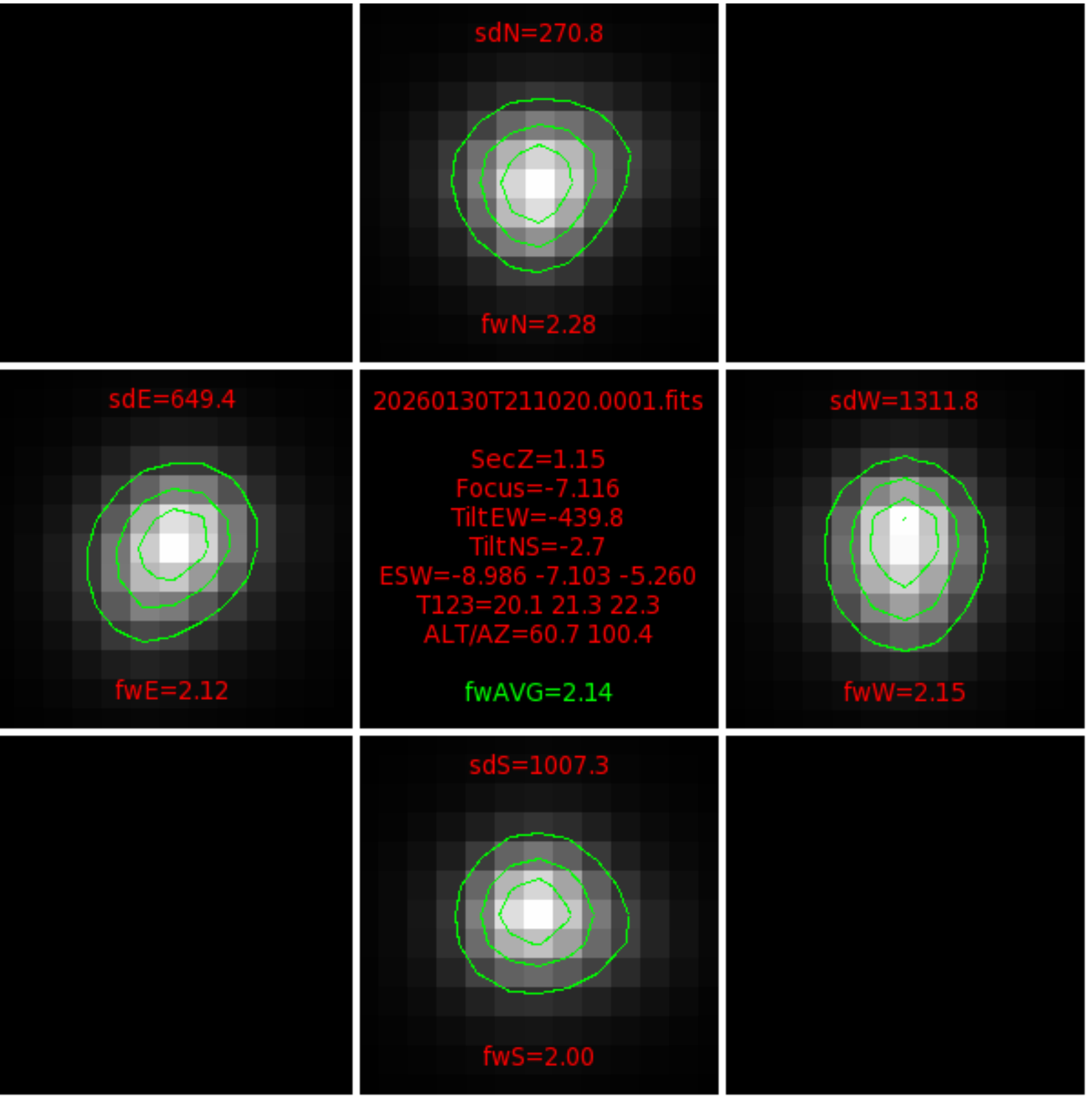
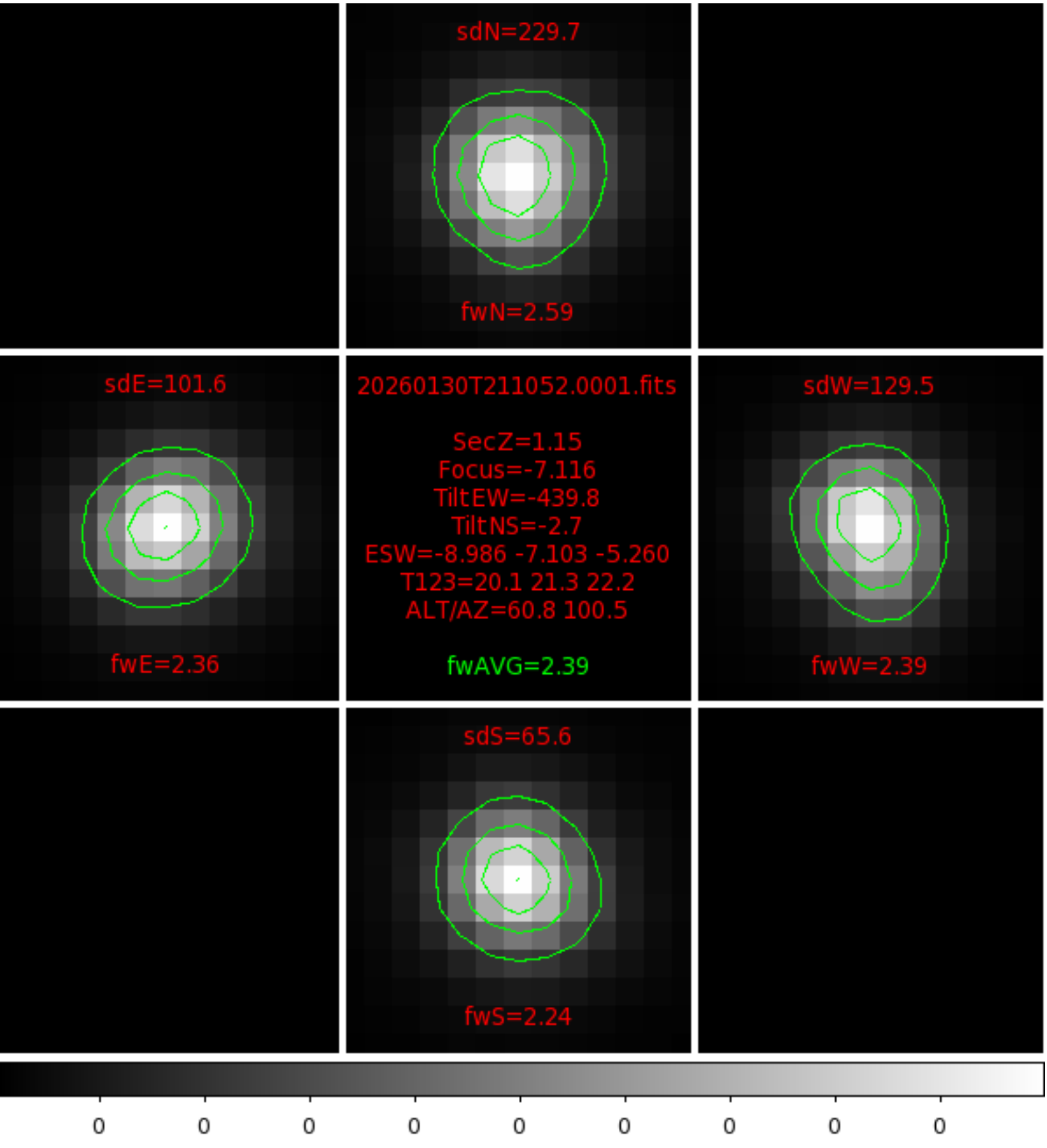
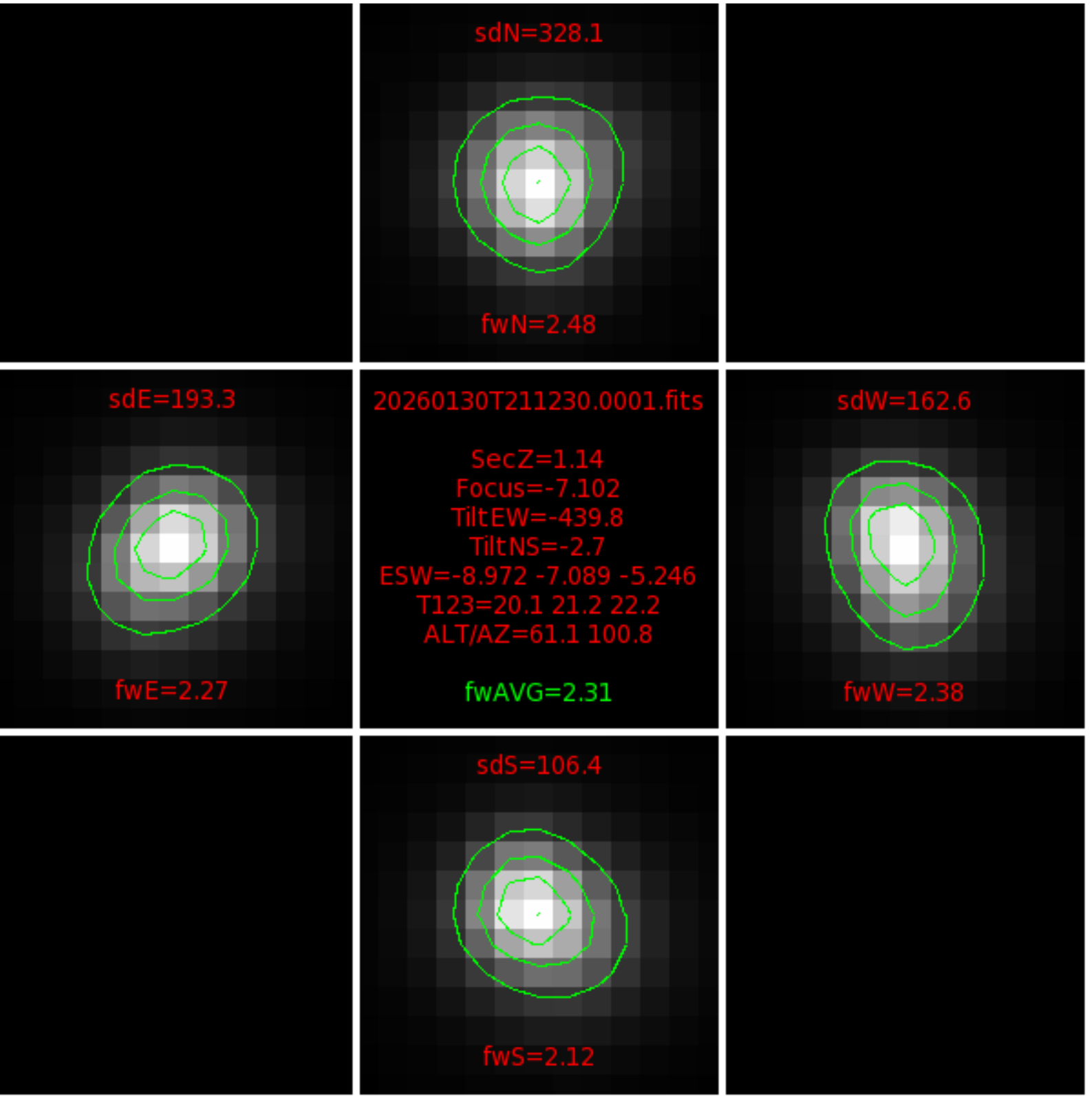

sdN=270.8
fwN=2.28
sdE=649.4
fwE=2.12
20260130T211020.0001.fits
SecZ=1.15
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.1 21.3 22.3
ALT/AZ=60.7 100.4
fwAVG=2.14
sdW=1311.8
fwW=2.15
sdS=1007.3
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=229.7
fwN=2.59
sdE=101.6
fwE=2.36
20260130T211052.0001.fits
SecZ=1.15
Focus=-7.116
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.986 -7.103 -5.260
T123=20.1 21.3 22.2
ALT/AZ=60.8 100.5
fwAVG=2.39
sdW=129.5
fwW=2.39
sdS=65.6
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=328.1
fwN=2.48
sdE=193.3
fwE=2.27
20260130T211230.0001.fits
SecZ=1.14
Focus=-7.102
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.972 -7.089 -5.246
T123=20.1 21.2 22.2
ALT/AZ=61.1 100.8
fwAVG=2.31
sdW=162.6
fwW=2.38
sdS=106.4
fwS=2.12
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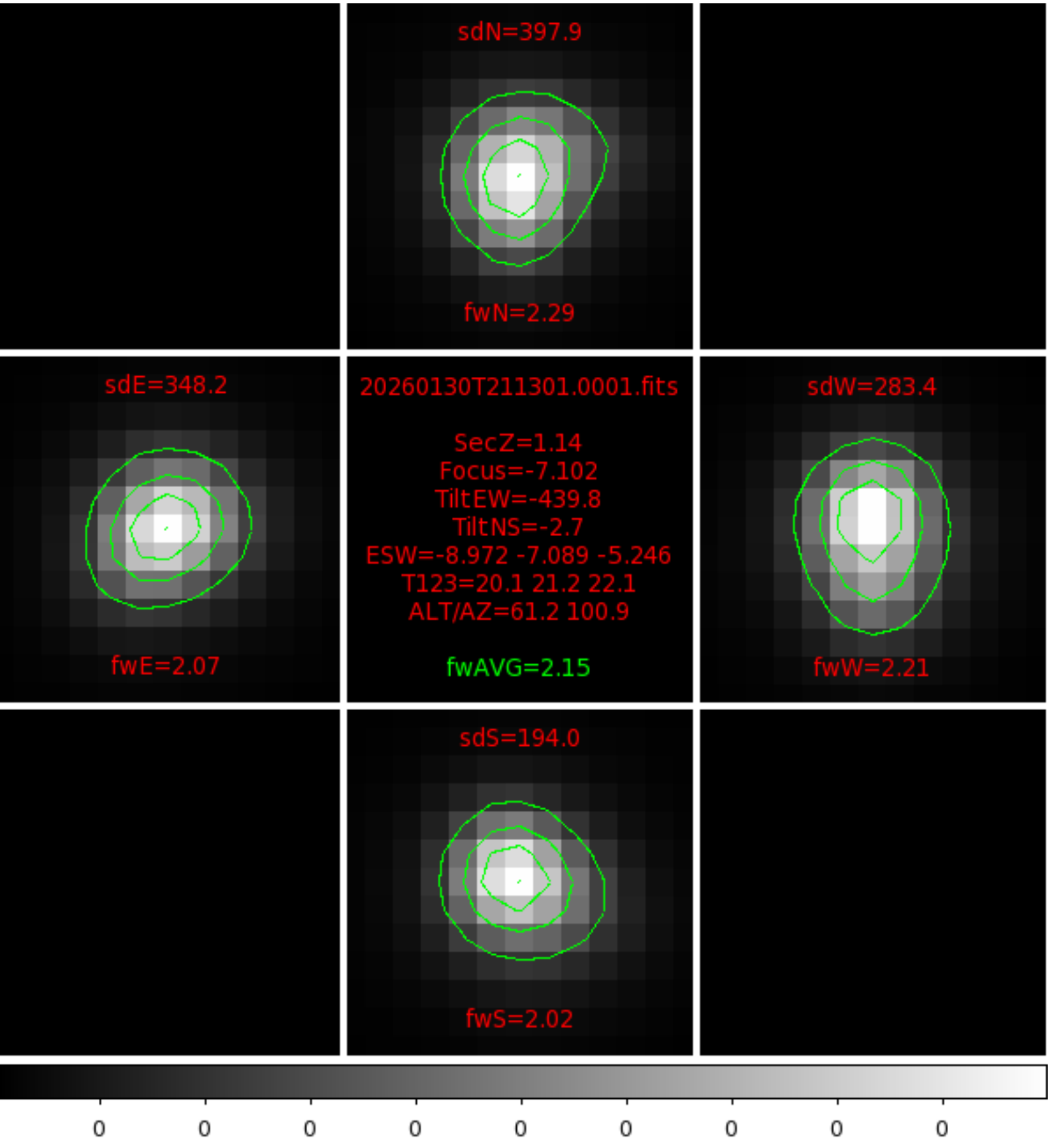
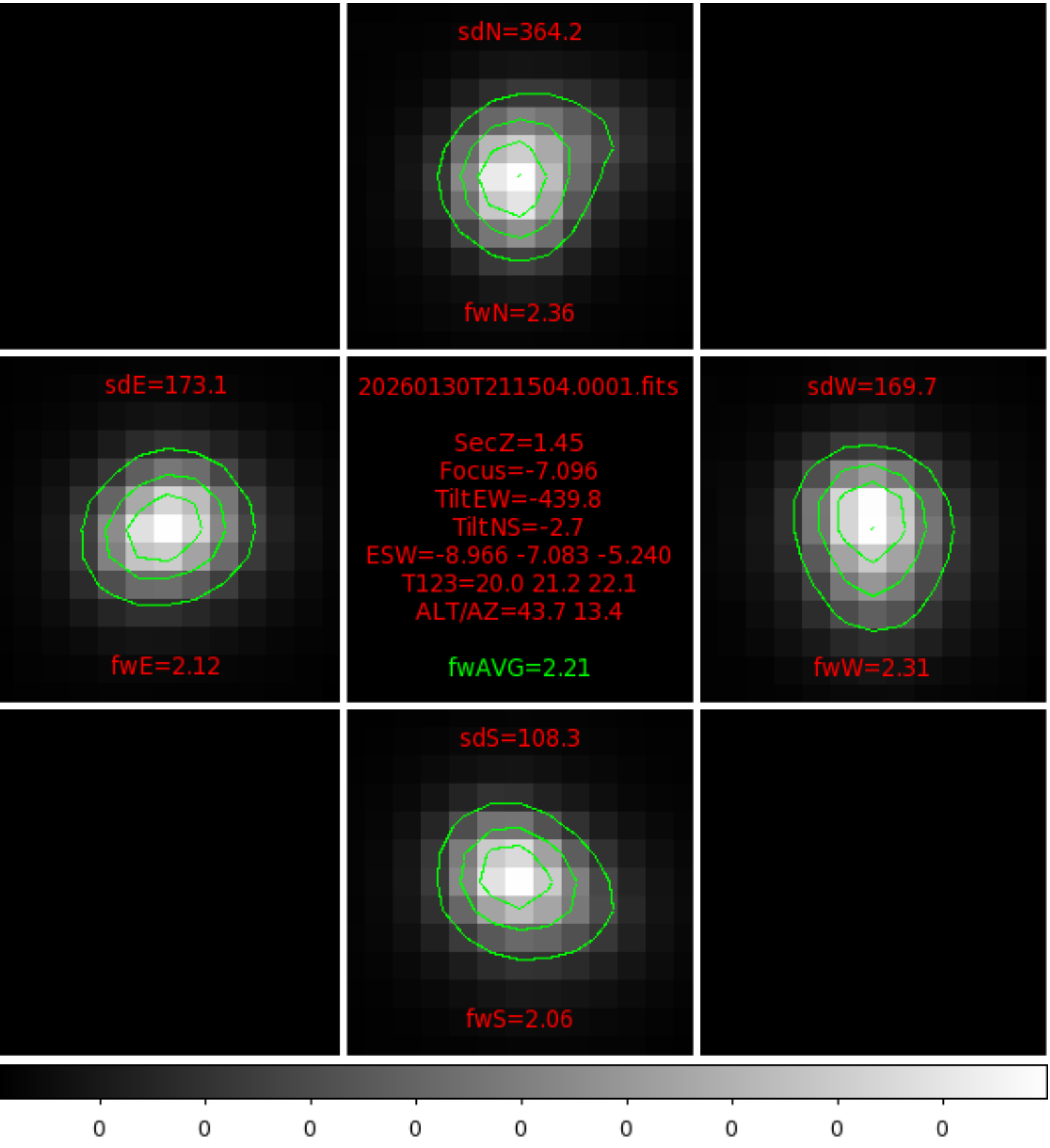
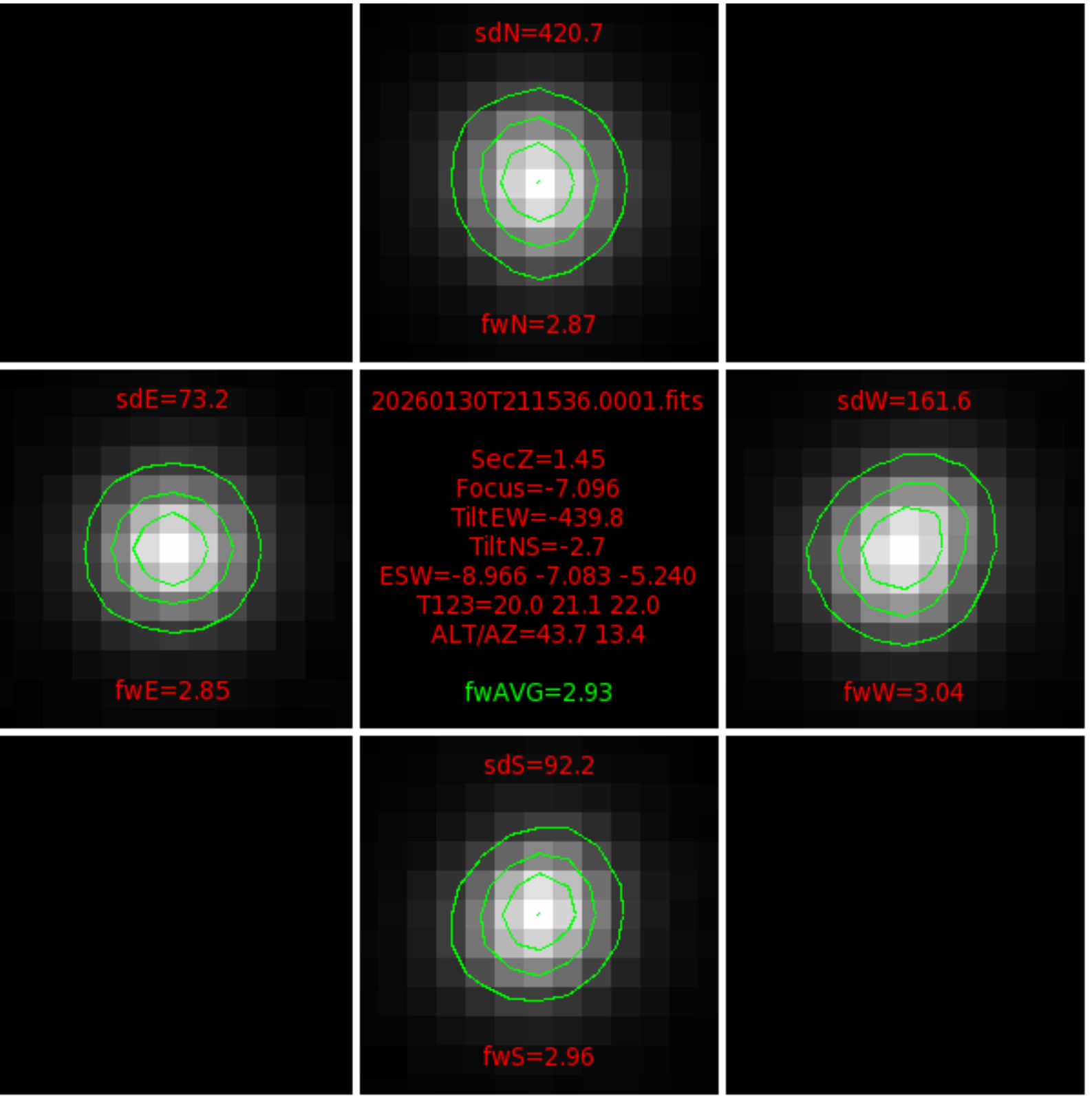
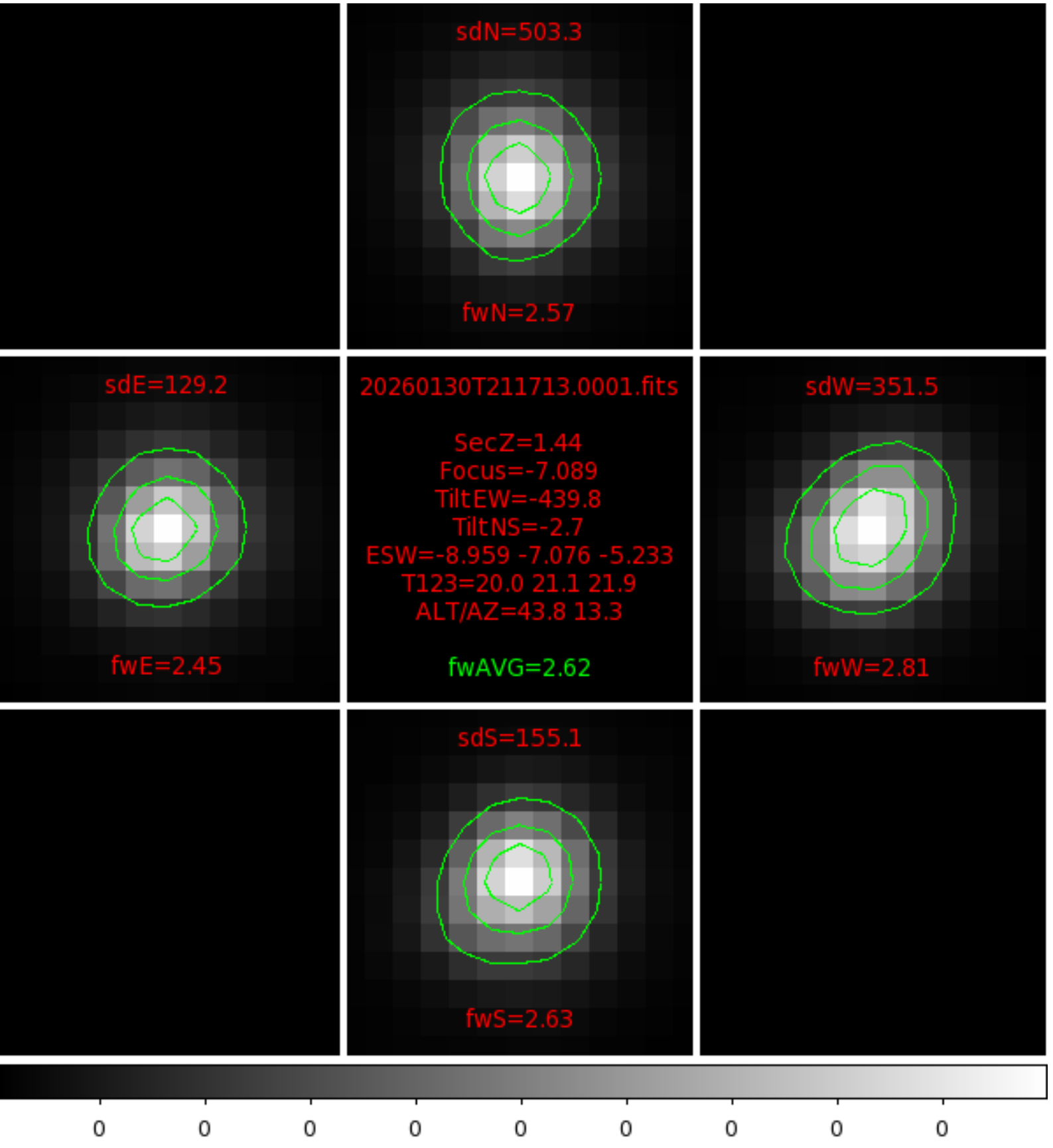

sdN=397.9
fwN=2.29
sdE=348.2
fwE=2.07
20260130T211301.0001.fits
SecZ=1.14
Focus=-7.102
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.972 -7.089 -5.246
T123=20.1 21.2 22.1
ALT/AZ=61.2 100.9
fwAVG=2.15
sdW=283.4
fwW=2.21
sdS=194.0
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=364.2
fwN=2.36
sdE=173.1
fwE=2.12
20260130T211504.0001.fits
SecZ=1.45
Focus=-7.096
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.966 -7.083 -5.240
T123=20.0 21.2 22.1
ALT/AZ=43.7 13.4
fwAVG=2.21
sdW=169.7
fwW=2.31
sdS=108.3
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=420.7
fwN=2.87
sdE=73.2
fwE=2.85
20260130T211536.0001.fits
SecZ=1.45
Focus=-7.096
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.966 -7.083 -5.240
T123=20.0 21.1 22.0
ALT/AZ=43.7 13.4
fwAVG=2.93
sdW=161.6
fwW=3.04
sdS=92.2
fwS=2.96
0 0 0 0 0 0 0 0 0


sdN=503.3
fwN=2.57
sdE=129.2
fwE=2.45
20260130T211713.0001.fits
SecZ=1.44
Focus=-7.089
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.959 -7.076 -5.233
T123=20.0 21.1 21.9
ALT/AZ=43.8 13.3
fwAVG=2.62
sdW=351.5
fwW=2.81
sdS=155.1
fwS=2.63
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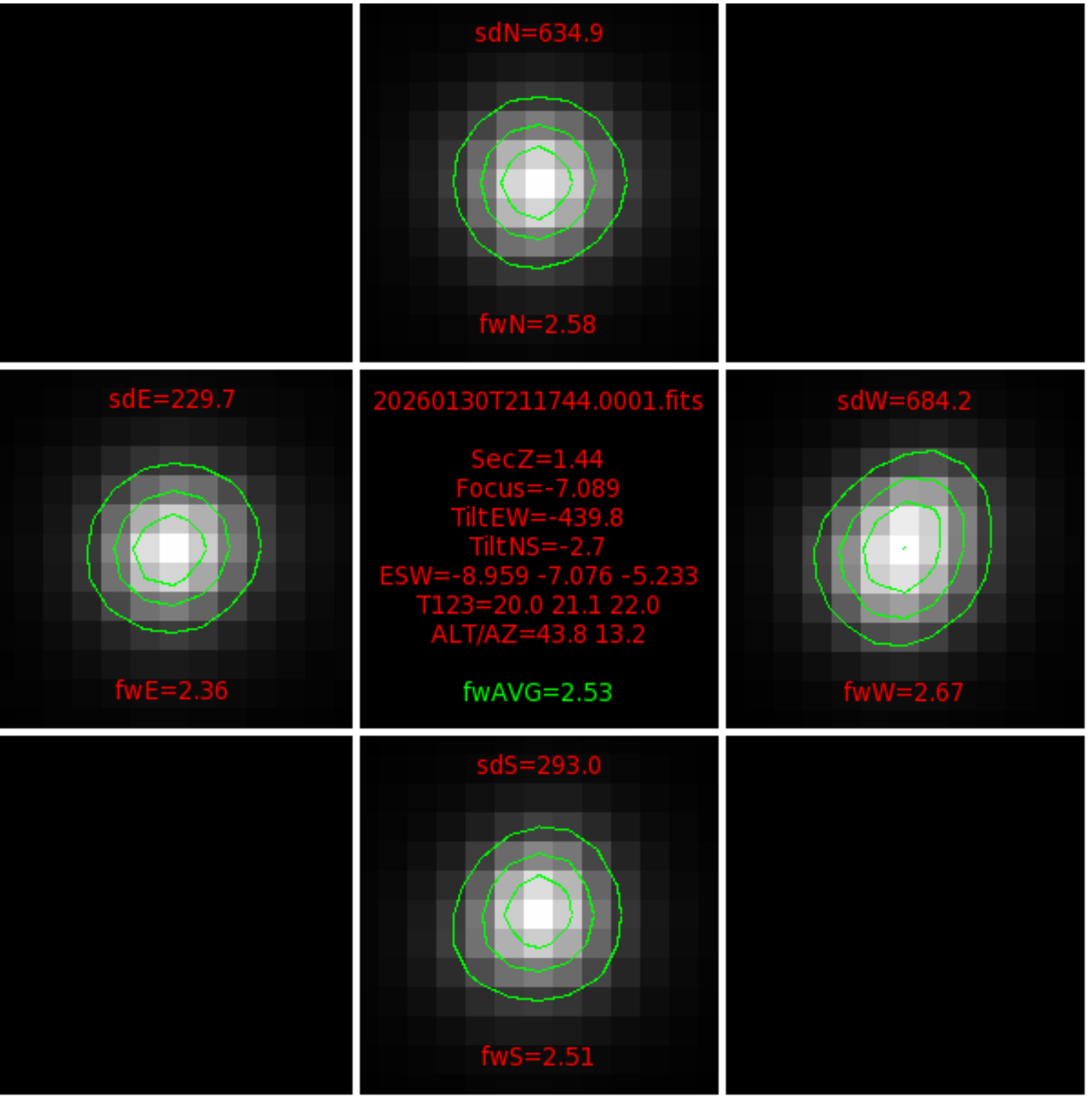
sdN=634.9
fwN=2.58
sdE=229.7
fwE=2.36
20260130T211744.0001.fits
SecZ=1.44
Focus=-7.089
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.959 -7.076 -5.233
T123=20.0 21.1 22.0
ALT/AZ=43.8 13.2
fwAVG=2.53
sdW=684.2
fwW=2.67
sdS=293.0
fwS=2.51
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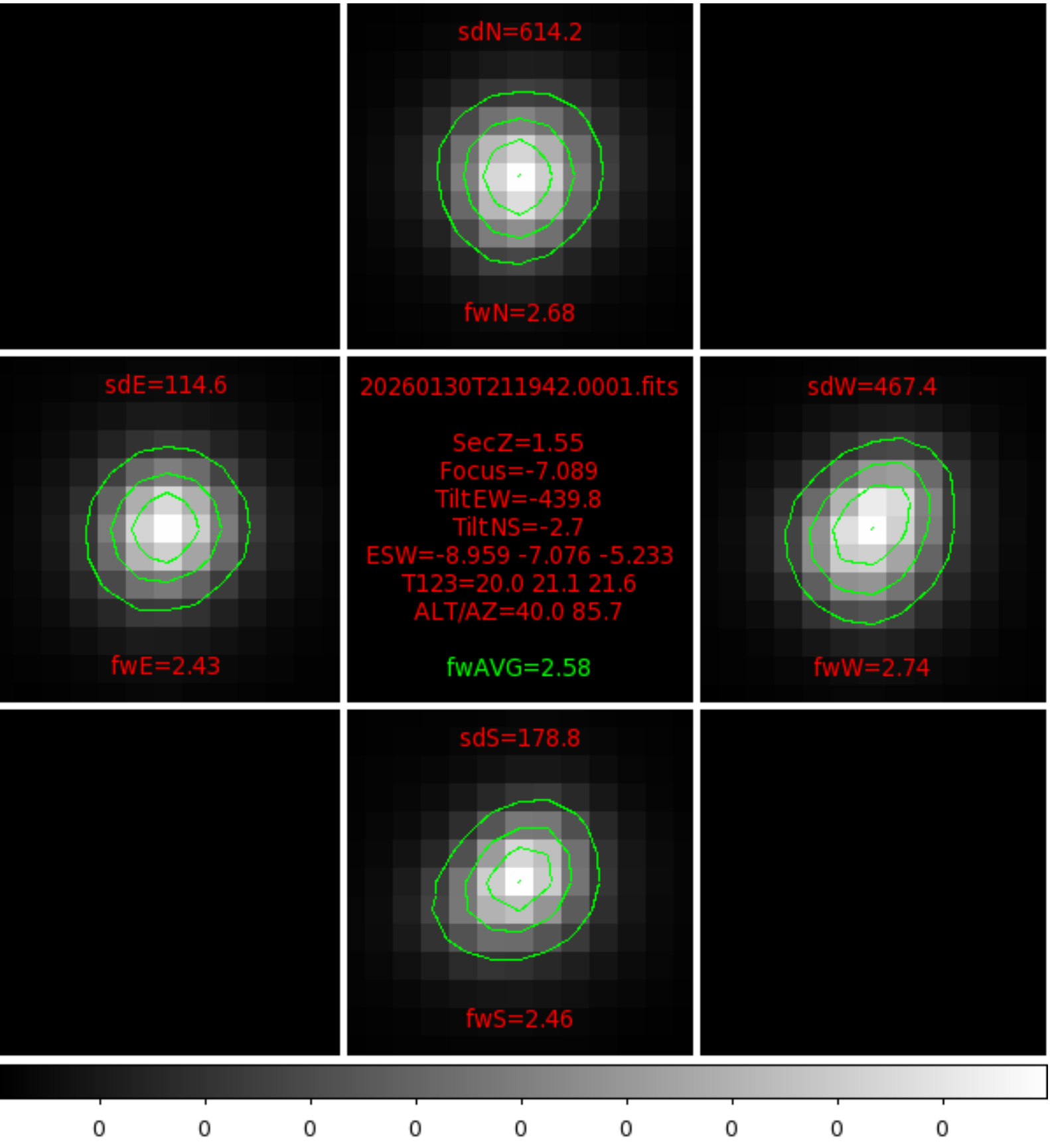
sdN=614.2
fwN=2.68
sdE=114.6
fwE=2.43
20260130T211942.0001.fits
SecZ=1.55
Focus=-7.089
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.959 -7.076 -5.233
T123=20.0 21.1 21.6
ALT/AZ=40.0 85.7
fwAVG=2.58
sdW=467.4
fwW=2.74
sdS=178.8
fwS=2.46
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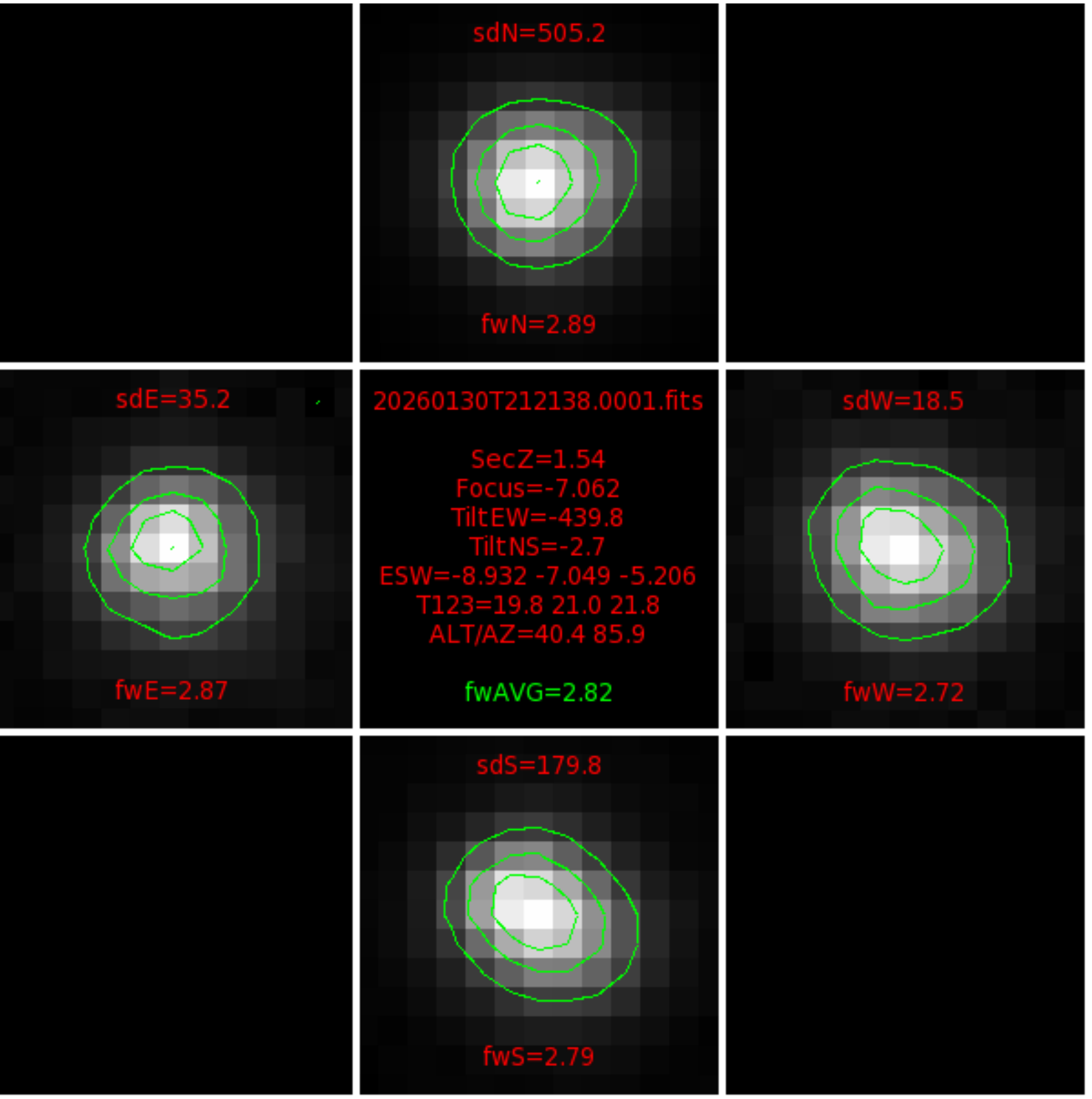
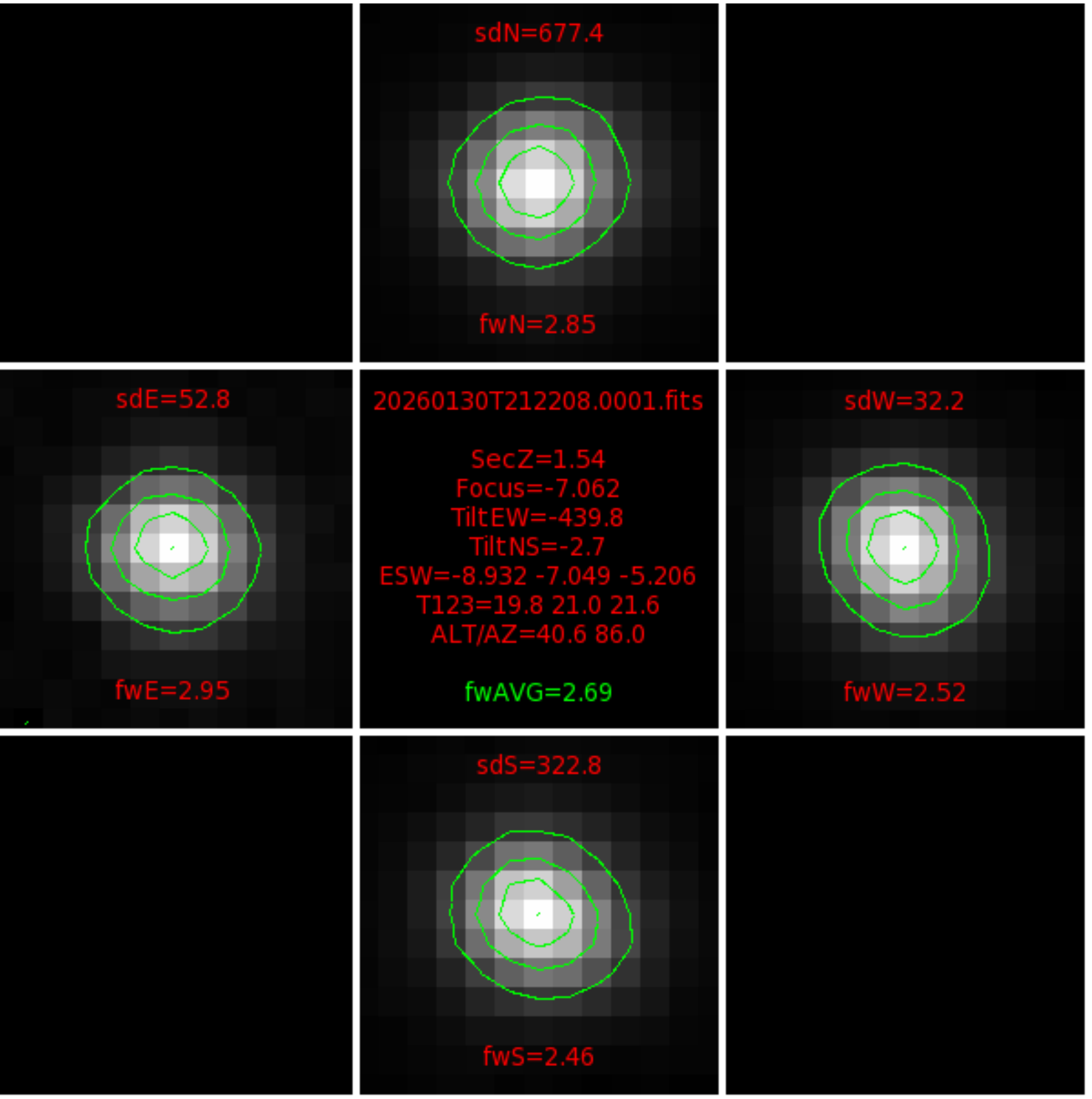

sdN=505.2
fwN=2.89
sdE=35.2
fwE=2.87
20260130T212138.0001.fits
SecZ=1.54
Focus=-7.062
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.932 -7.049 -5.206
T123=19.8 21.0 21.8
ALT/AZ=40.4 85.9
fwAVG=2.82
sdW=18.5
fwW=2.72
sdS=179.8
fwS=2.79
0 0 0 0 0 0 0 0 0


sdN=677.4
fwN=2.85
sdE=52.8
fwE=2.95
20260130T212208.0001.fits
SecZ=1.54
Focus=-7.062
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.932 -7.049 -5.206
T123=19.8 21.0 21.6
ALT/AZ=40.6 86.0
fwAVG=2.69
sdW=32.2
fwW=2.52
sdS=322.8
fwS=2.46
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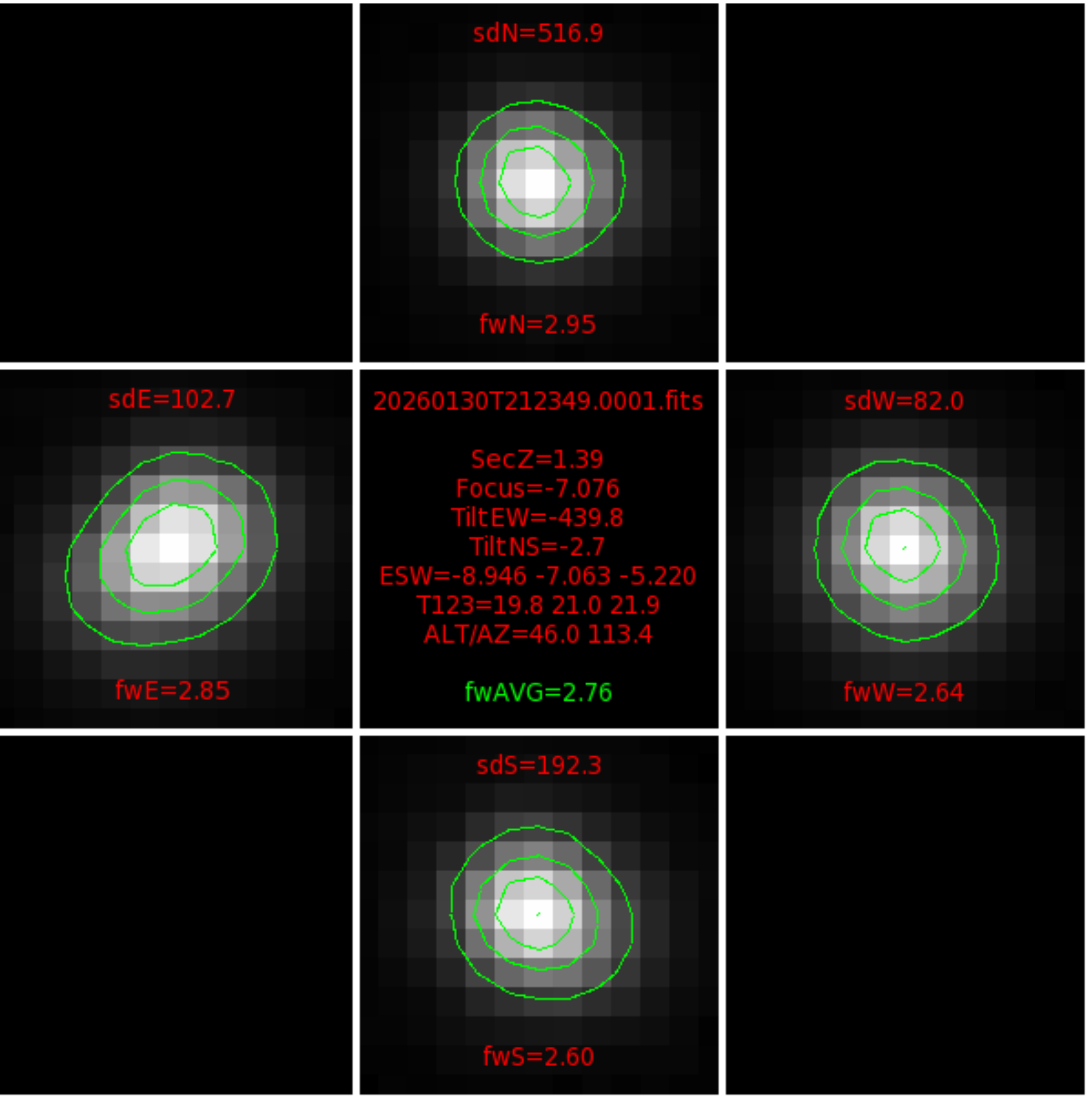
sdN=516.9
fwN=2.95
sdE=102.7
fwE=2.85
20260130T212349.0001.fits
SecZ=1.39
Focus=-7.076
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.946 -7.063 -5.220
T123=19.8 21.0 21.9
ALT/AZ=46.0 113.4
fwAVG=2.76
sdW=82.0
fwW=2.64
sdS=192.3
fwS=2.60
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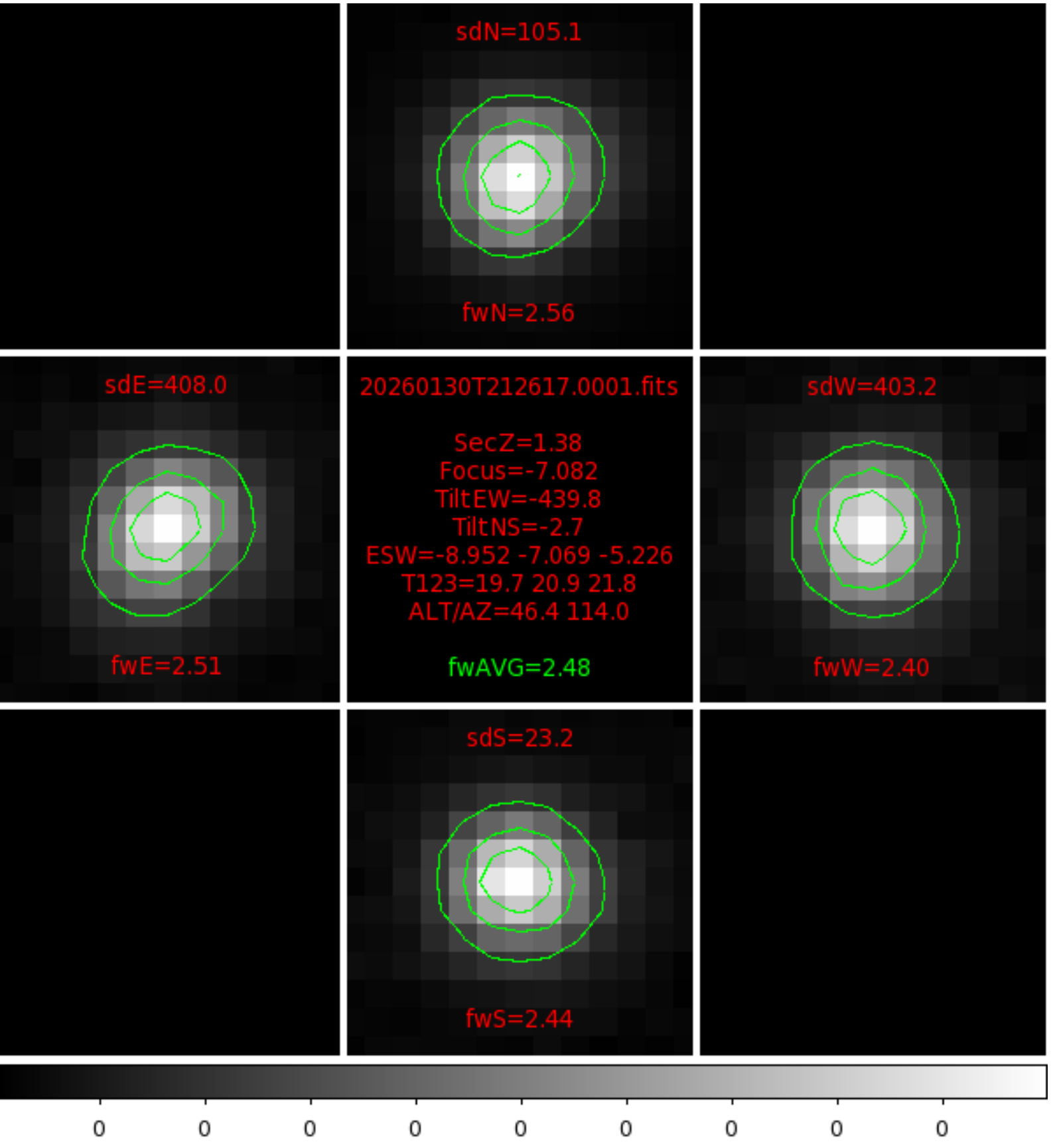
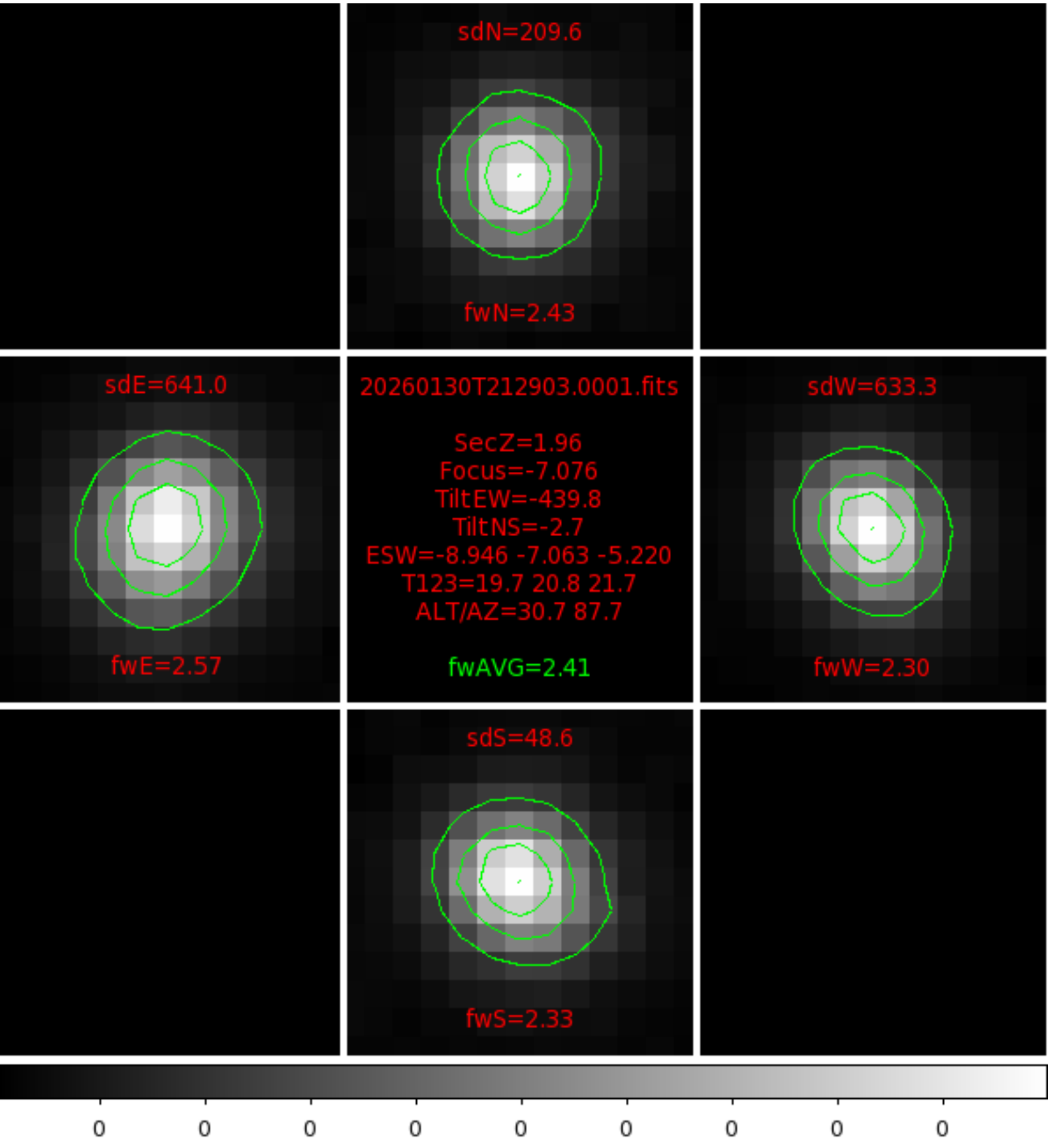

sdN=105.1
fwN=2.56
sdE=408.0
fwE=2.51
20260130T212617.0001.fits
SecZ=1.38
Focus=-7.082
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.952 -7.069 -5.226
T123=19.7 20.9 21.8
ALT/AZ=46.4 114.0
fwAVG=2.48
sdW=403.2
fwW=2.40
sdS=23.2
fwS=2.44
0 0 0 0 0 0 0 0 0


sdN=209.6
fwN=2.43
sdE=641.0
fwE=2.57
20260130T212903.0001.fits
SecZ=1.96
Focus=-7.076
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.946 -7.063 -5.220
T123=19.7 20.8 21.7
ALT/AZ=30.7 87.7
fwAVG=2.41
sdW=633.3
fwW=2.30
sdS=48.6
fwS=2.33
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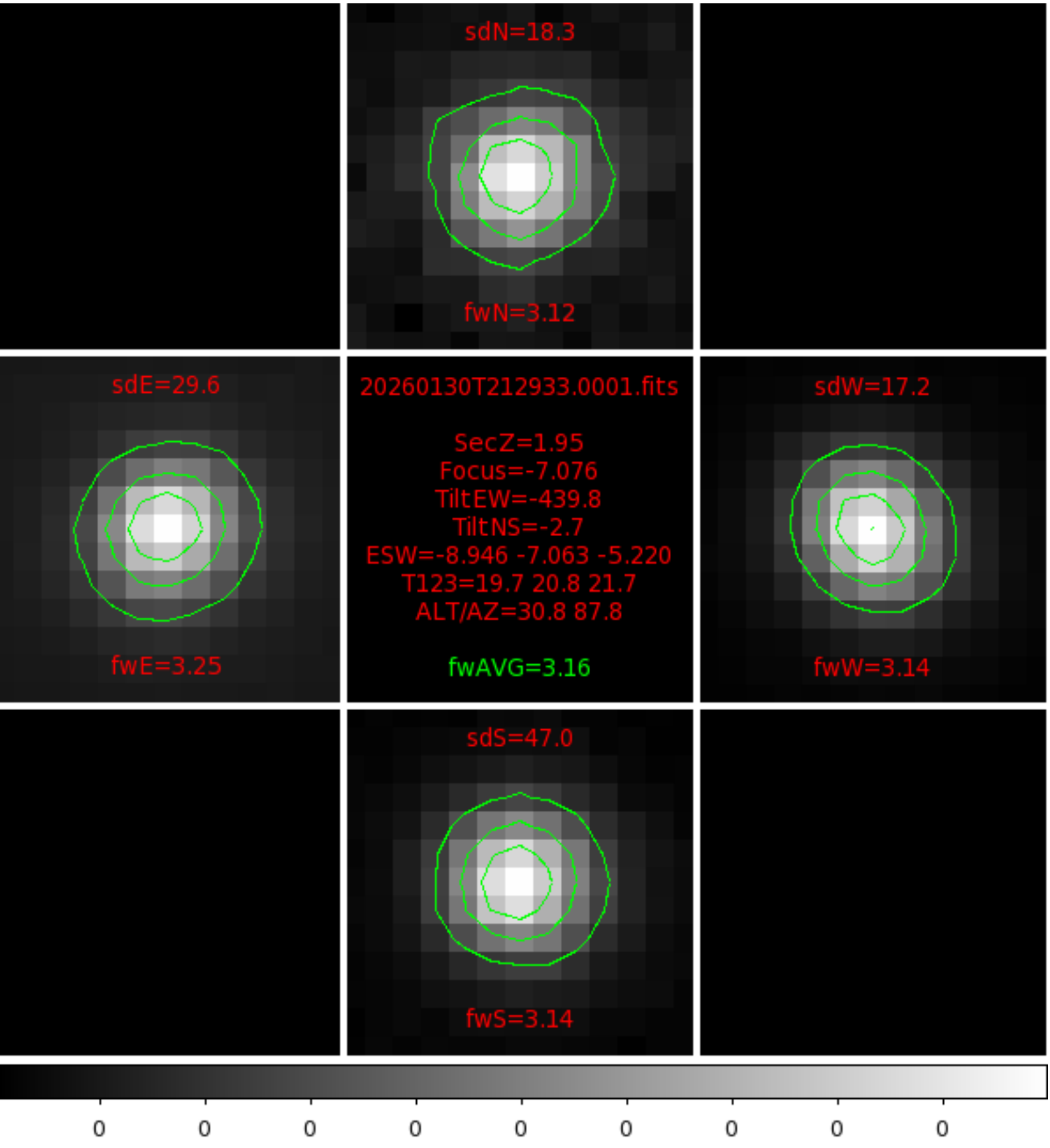
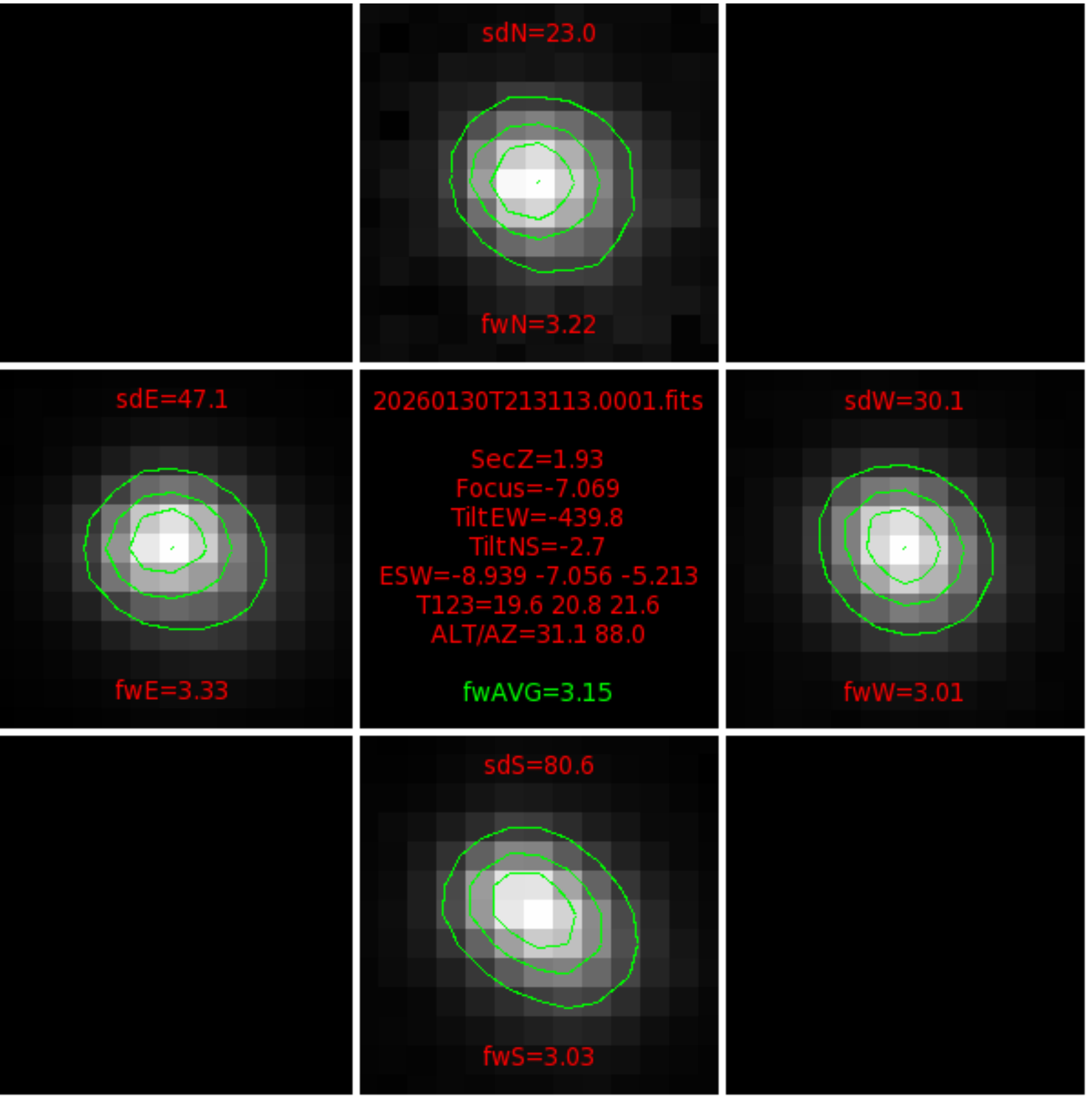

sdN=18.3
fwN=3.12
sdE=29.6
fwE=3.25
20260130T212933.0001.fits
SecZ=1.95
Focus=-7.076
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.946 -7.063 -5.220
T123=19.7 20.8 21.7
ALT/AZ=30.8 87.8
fwAVG=3.16
sdW=17.2
fwW=3.14
sdS=47.0
fwS=3.14
0 0 0 0 0 0 0 0 0


sdN=23.0
fwN=3.22
sdE=47.1
fwE=3.33
20260130T213113.0001.fits
SecZ=1.93
Focus=-7.069
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.939 -7.056 -5.213
T123=19.6 20.8 21.6
ALT/AZ=31.1 88.0
fwAVG=3.15
sdW=30.1
fwW=3.01
sdS=80.6
fwS=3.03
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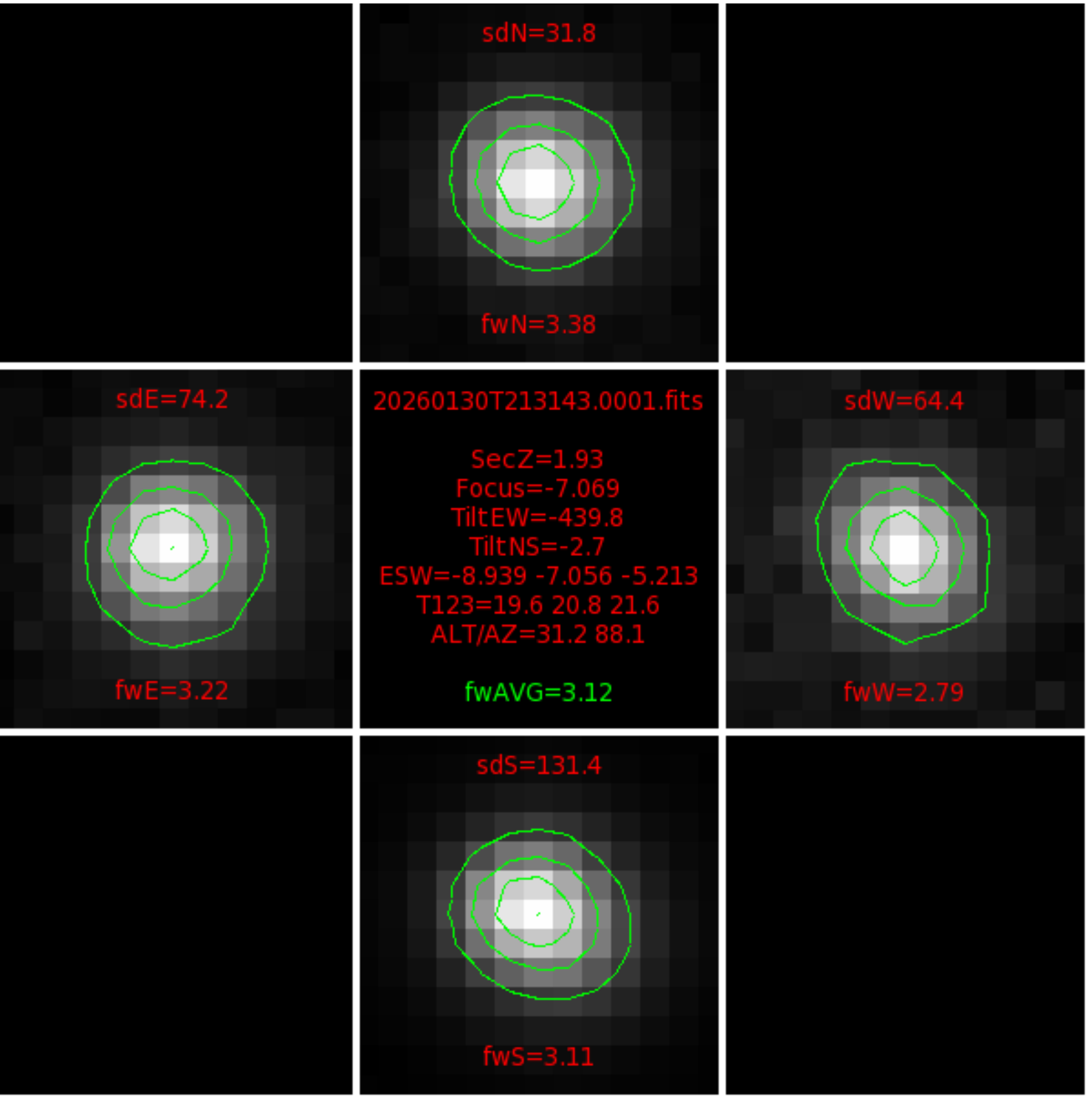
sdN=31.8
fwN=3.38
sdE=74.2
fwE=3.22
20260130T213143.0001.fits
SecZ=1.93
Focus=-7.069
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.939 -7.056 -5.213
T123=19.6 20.8 21.6
ALT/AZ=31.2 88.1
fwAVG=3.12
sdW=64.4
fwW=2.79
sdS=131.4
fwS=3.11
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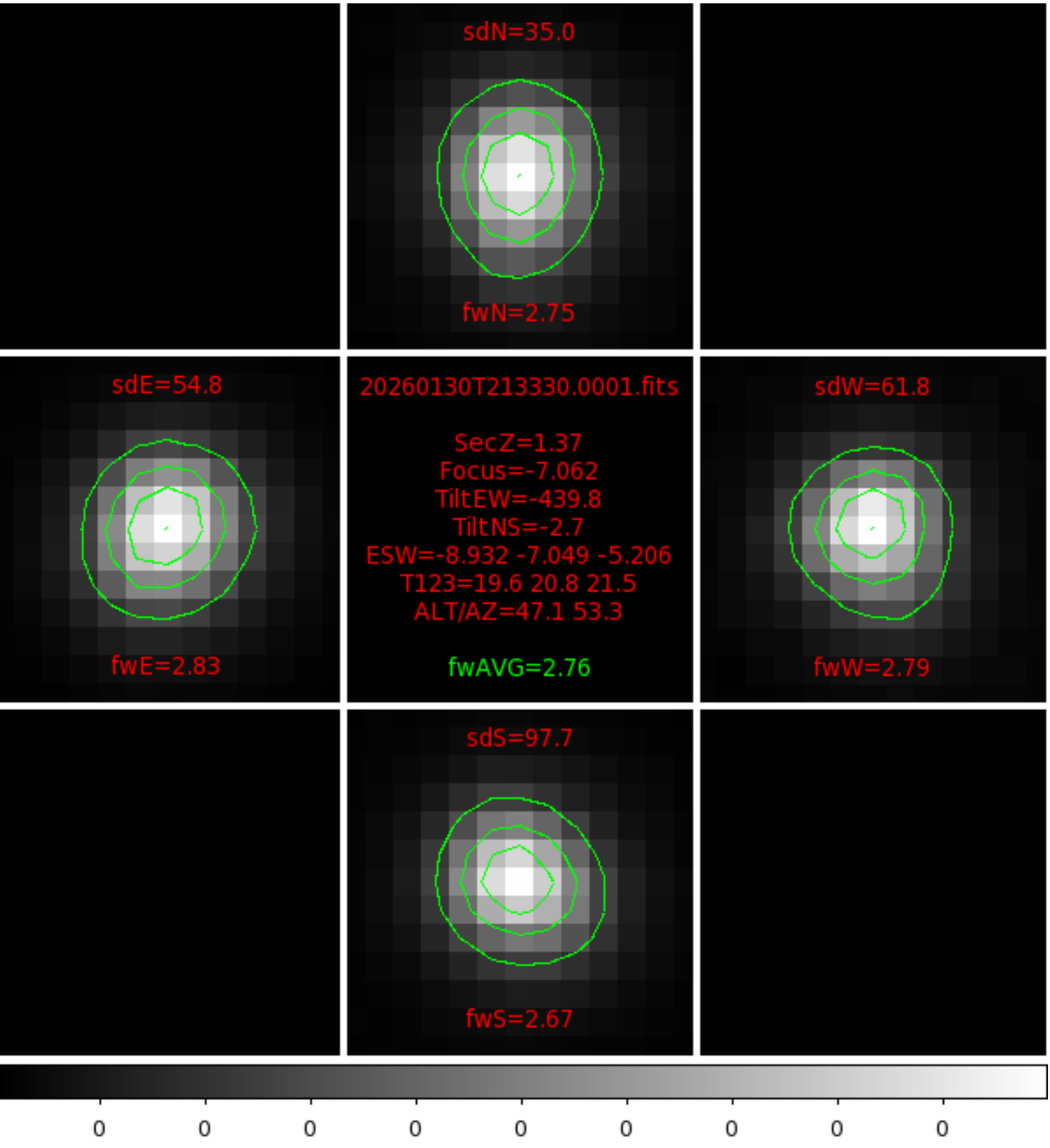
sdN=35.0
fwN=2.75
sdE=54.8
fwE=2.83
20260130T213330.0001.fits
SecZ=1.37
Focus=-7.062
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.932 -7.049 -5.206
T123=19.6 20.8 21.5
ALT/AZ=47.1 53.3
fwAVG=2.76
sdW=61.8
fwW=2.79
sdS=97.7
fwS=2.67
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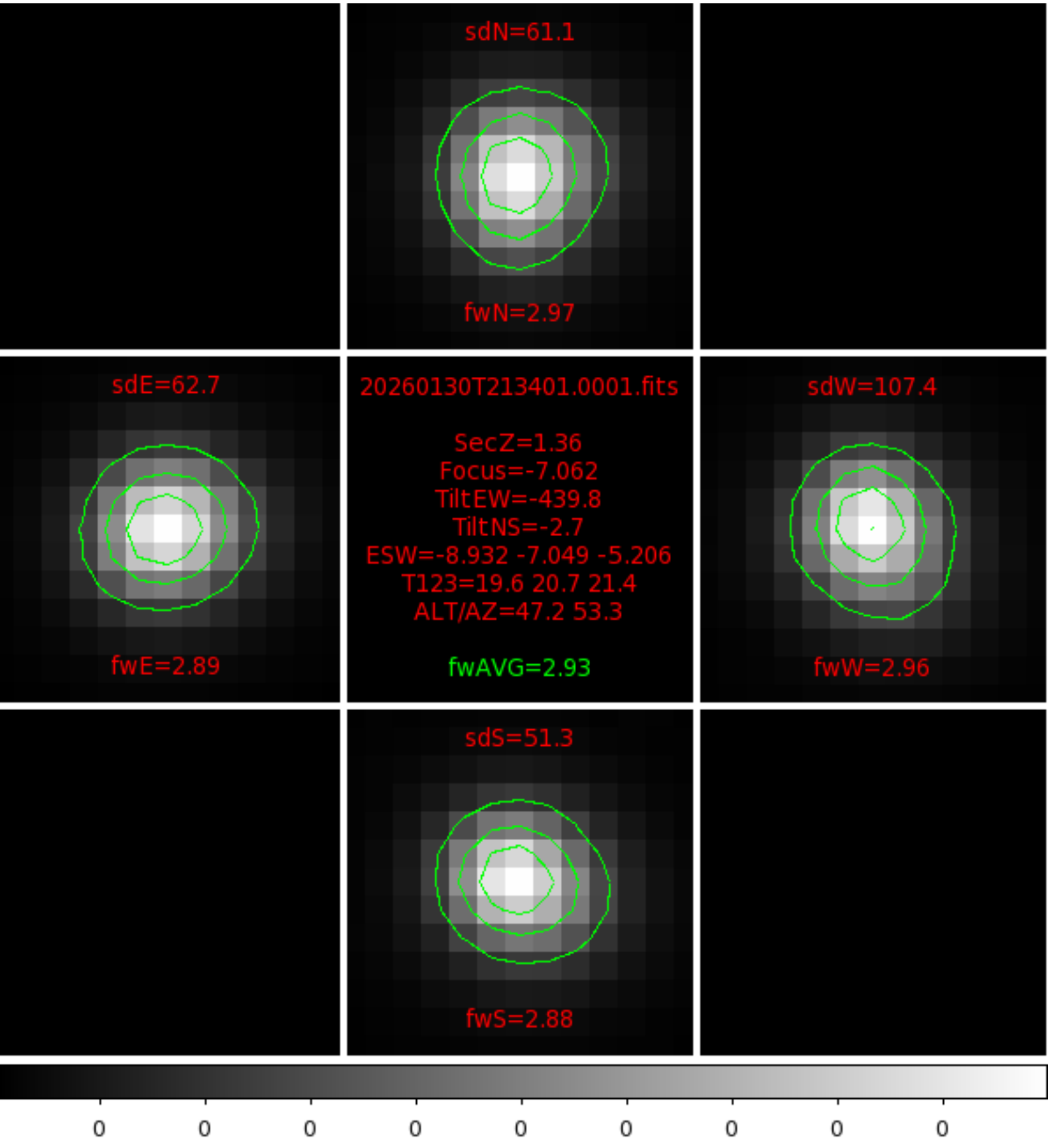
sdN=61.1
fwN=2.97
sdE=62.7
fwE=2.89
20260130T213401.0001.fits
SecZ=1.36
Focus=-7.062
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.932 -7.049 -5.206
T123=19.6 20.7 21.4
ALT/AZ=47.2 53.3
fwAVG=2.93
sdW=107.4
fwW=2.96
sdS=51.3
fwS=2.88
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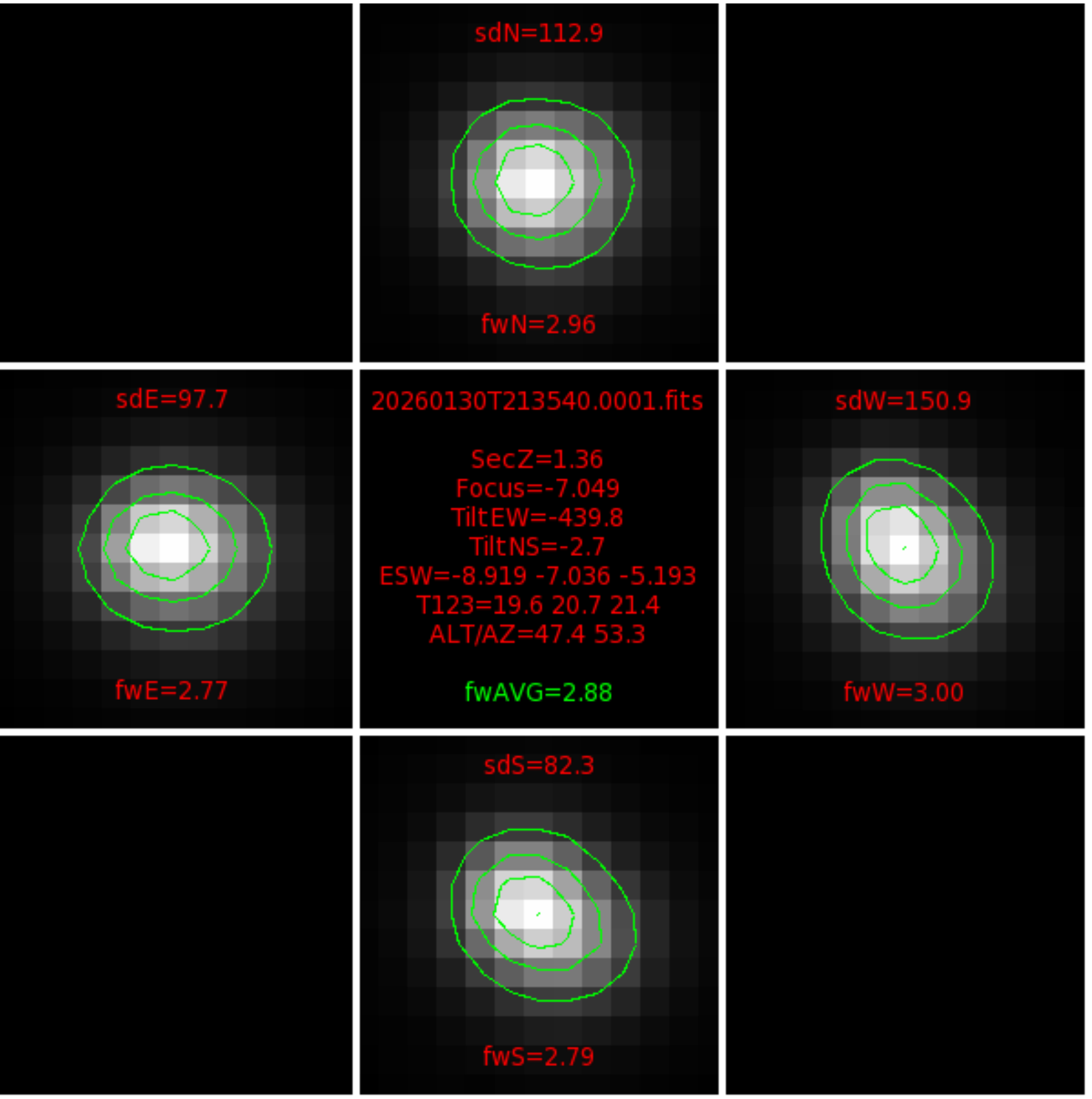
sdN=112.9
fwN=2.96
sdE=97.7
fwE=2.77
20260130T213540.0001.fits
SecZ=1.36
Focus=-7.049
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.919 -7.036 -5.193
T123=19.6 20.7 21.4
ALT/AZ=47.4 53.3
fwAVG=2.88
sdW=150.9
fwW=3.00
sdS=82.3
fwS=2.79
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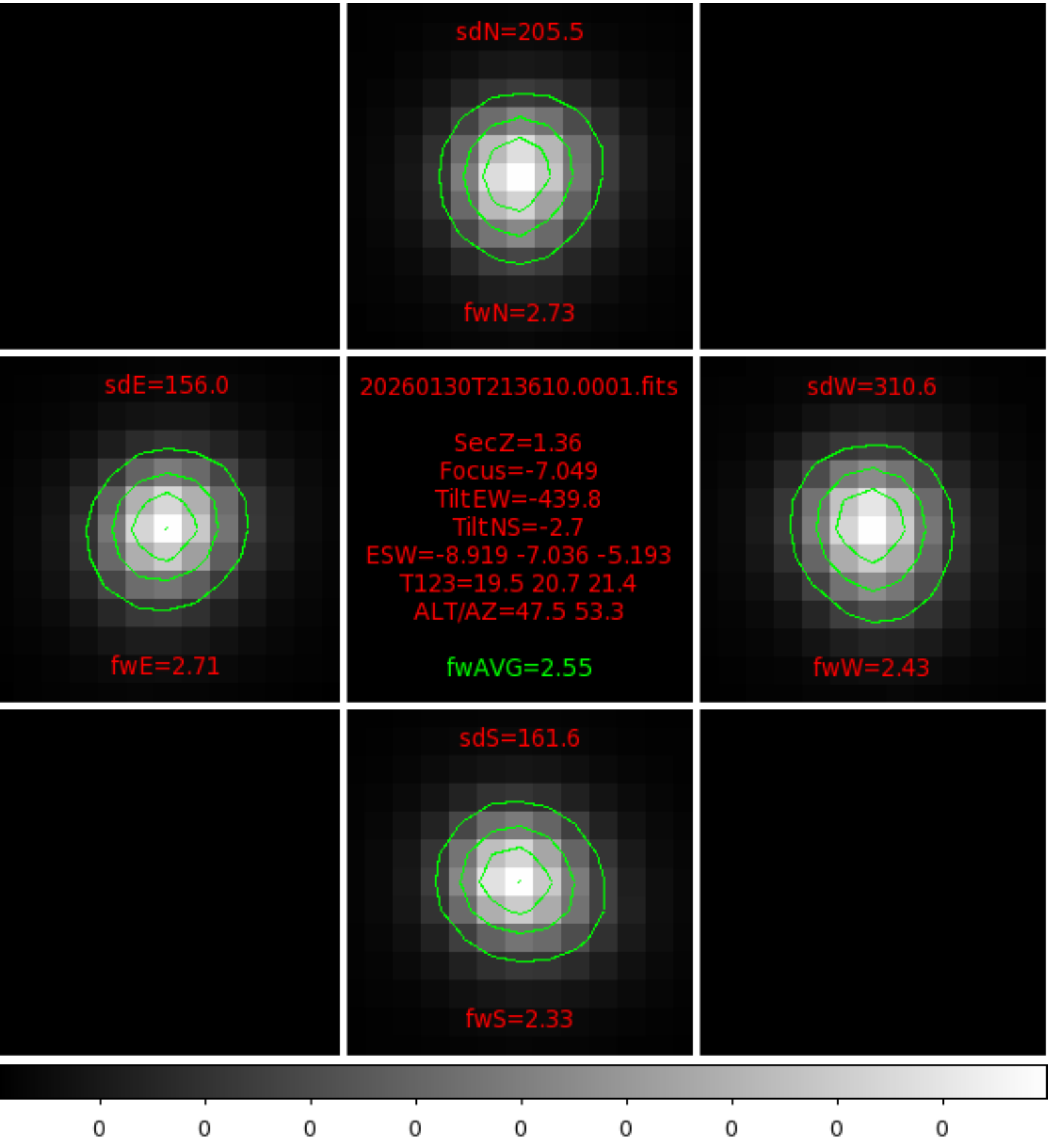
sdN=205.5
fwN=2.73
sdE=156.0
fwE=2.71
20260130T213610.0001.fits
SecZ=1.36
Focus=-7.049
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.919 -7.036 -5.193
T123=19.5 20.7 21.4
ALT/AZ=47.5 53.3
fwAVG=2.55
sdW=310.6
fwW=2.43
sdS=161.6
fwS=2.33
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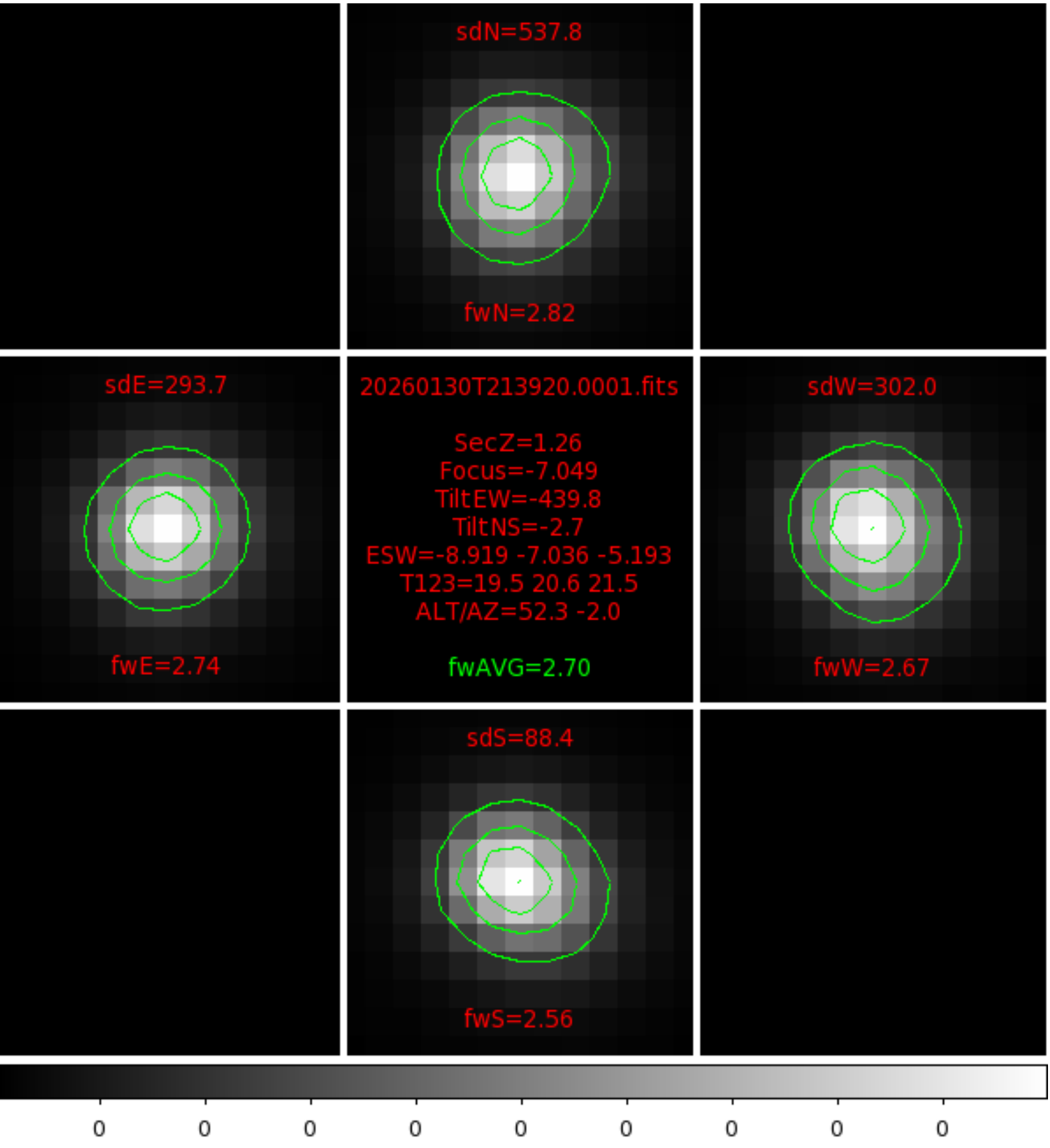
sdN=537.8
fwN=2.82
sdE=293.7
fwE=2.74
20260130T213920.0001.fits
SecZ=1.26
Focus=-7.049
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.919 -7.036 -5.193
T123=19.5 20.6 21.5
ALT/AZ=52.3 -2.0
fwAVG=2.70
sdW=302.0
fwW=2.67
sdS=88.4
fwS=2.56
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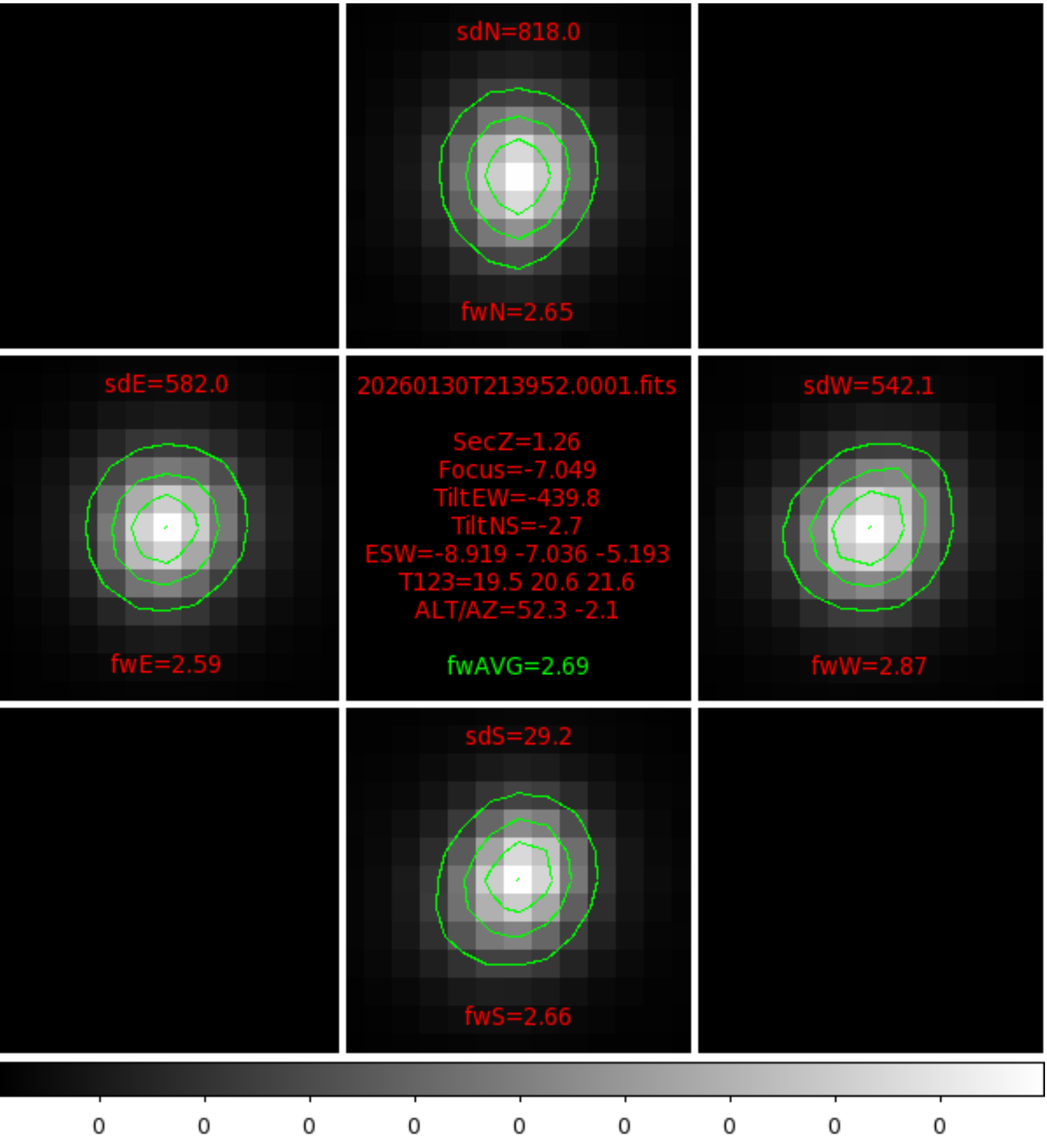
sdN=818.0
fwN=2.65
sdE=582.0
fwE=2.59
20260130T213952.0001.fits
SecZ=1.26
Focus=-7.049
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.919 -7.036 -5.193
T123=19.5 20.6 21.6
ALT/AZ=52.3 -2.1
fwAVG=2.69
sdW=542.1
fwW=2.87
sdS=29.2
fwS=2.66
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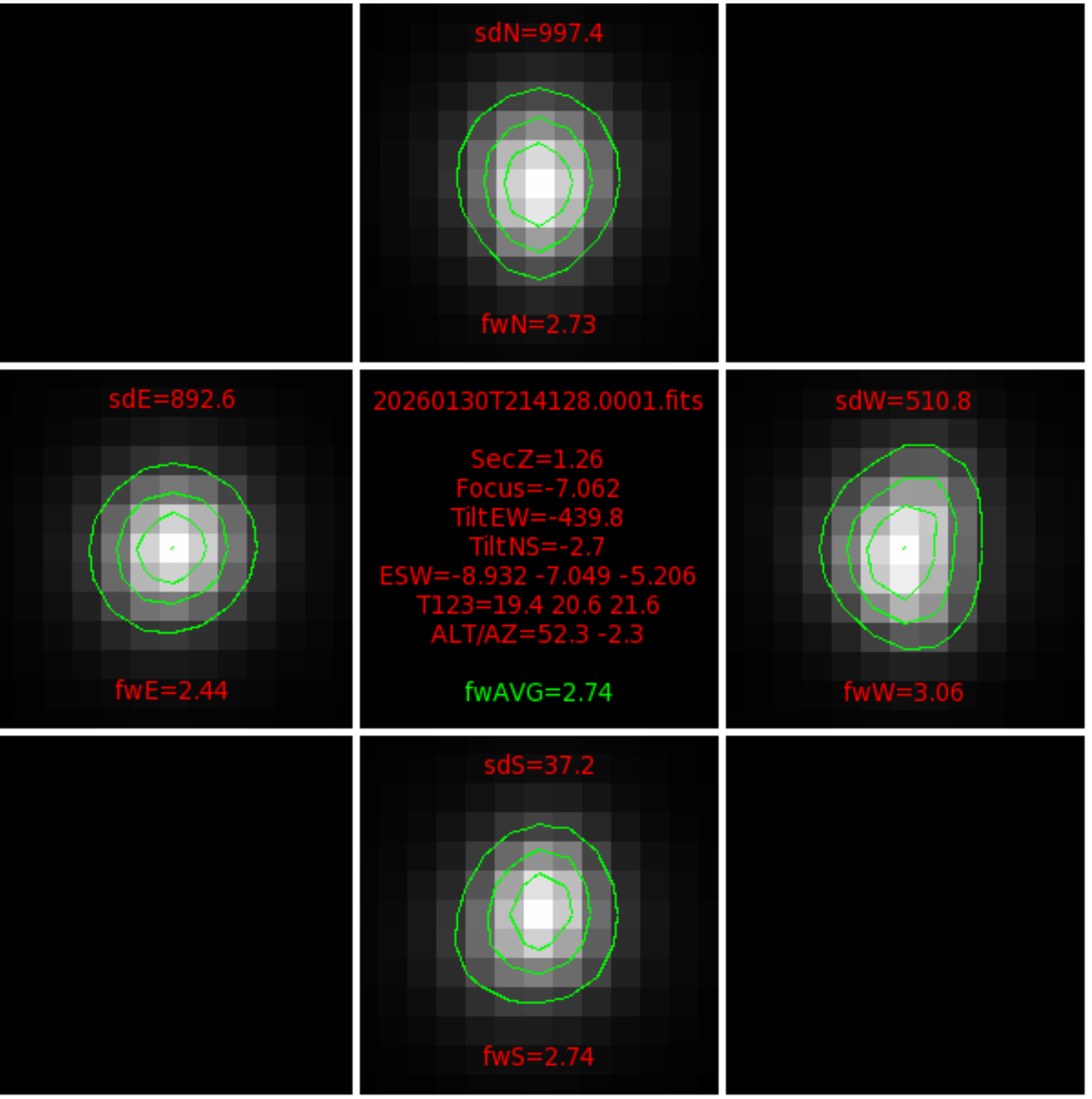
sdN=997.4
fwN=2.73
sdE=892.6
fwE=2.44
20260130T214128.0001.fits
SecZ=1.26
Focus=-7.062
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.932 -7.049 -5.206
T123=19.4 20.6 21.6
ALT/AZ=52.3 -2.3
fwAVG=2.74
sdW=510.8
fwW=3.06
sdS=37.2
fwS=2.74
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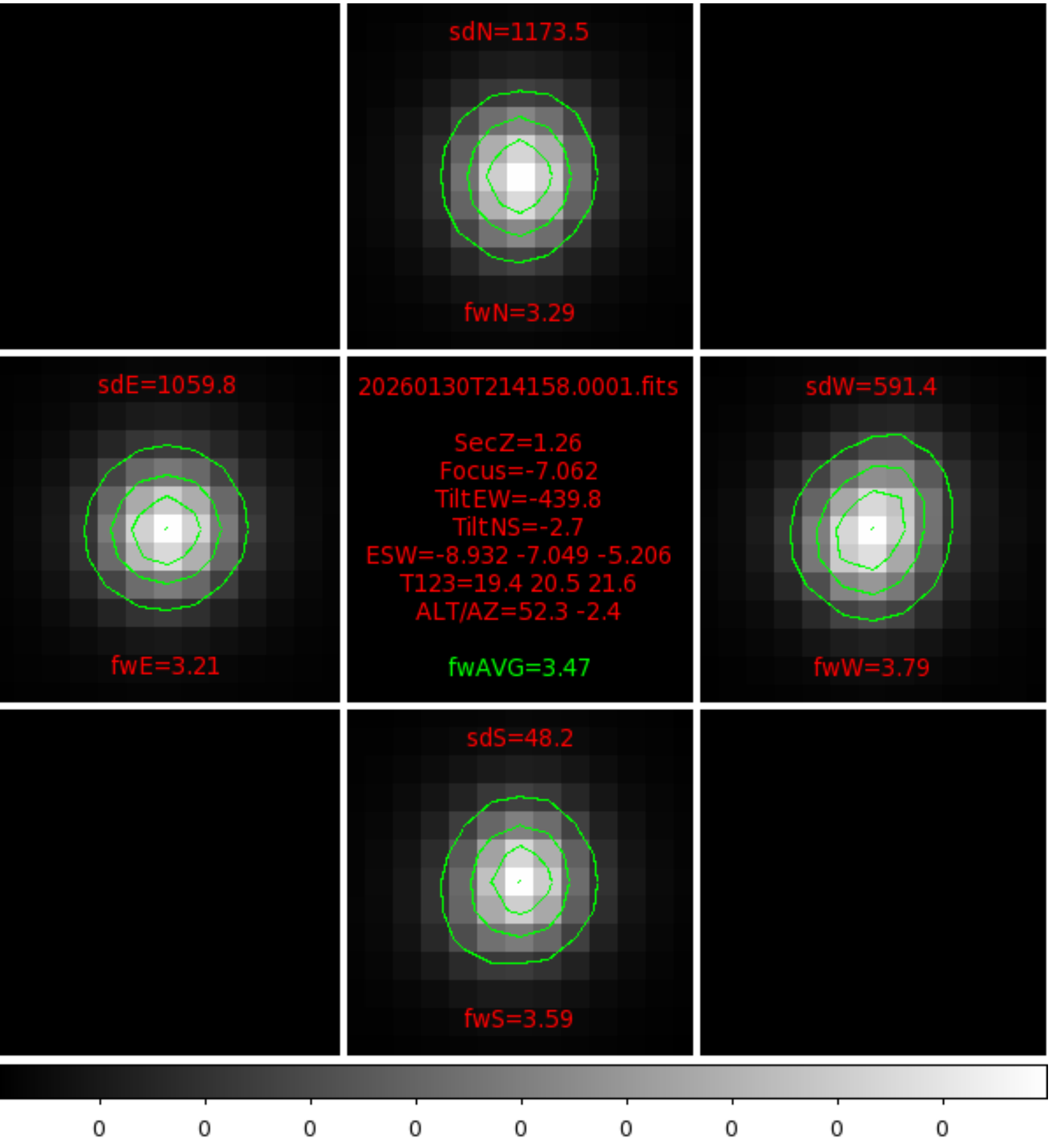
sdN=1173.5
fwN=3.29
sdE=1059.8
fwE=3.21
20260130T214158.0001.fits
SecZ=1.26
Focus=-7.062
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.932 -7.049 -5.206
T123=19.4 20.5 21.6
ALT/AZ=52.3 -2.4
fwAVG=3.47
sdW=591.4
fwW=3.79
sdS=48.2
fwS=3.59
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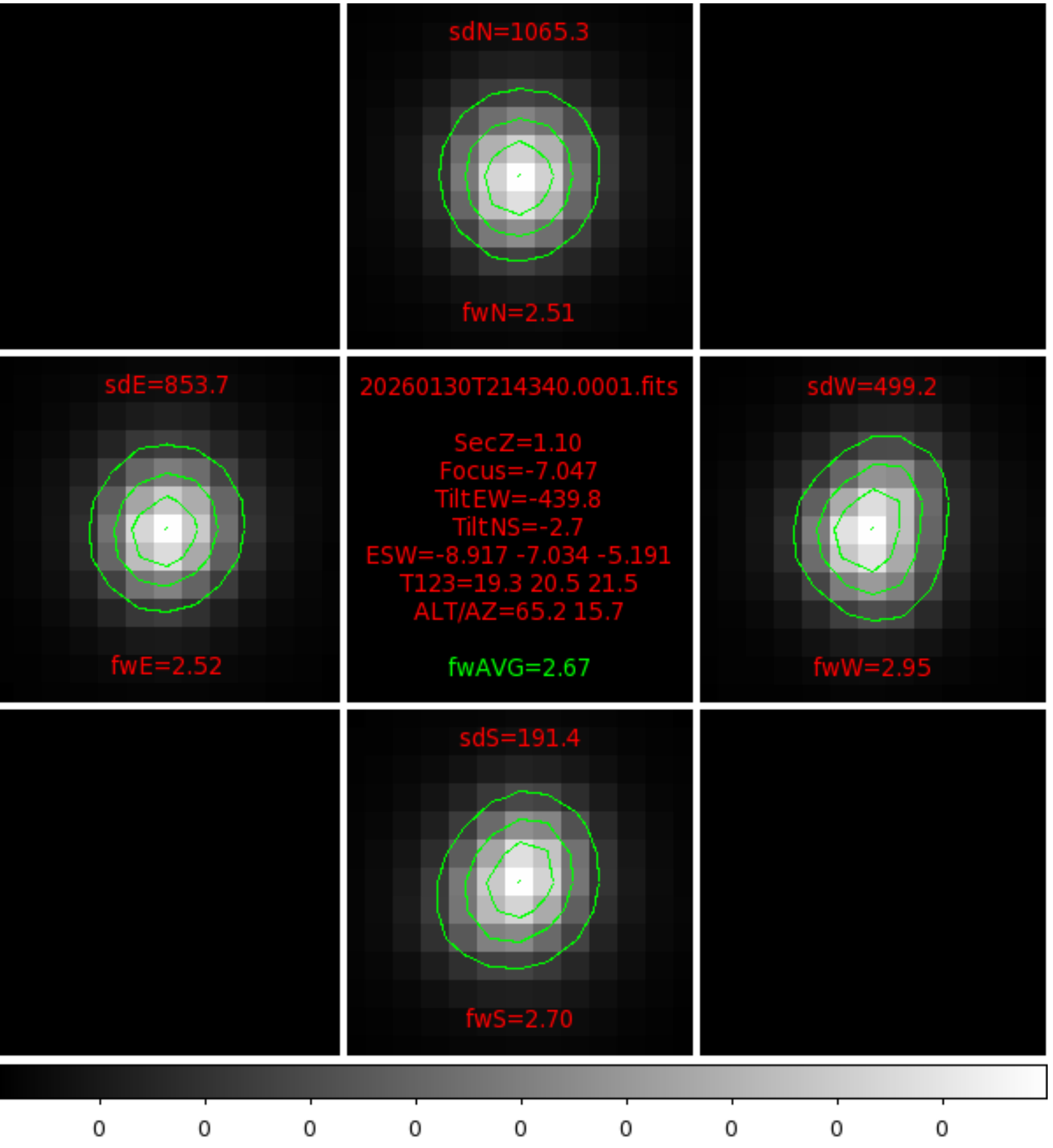
sdN=1065.3
fwN=2.51
sdE=853.7
fwE=2.52
20260130T214340.0001.fits
SecZ=1.10
Focus=-7.047
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.917 -7.034 -5.191
T123=19.3 20.5 21.5
ALT/AZ=65.2 15.7
fwAVG=2.67
sdW=499.2
fwW=2.95
sdS=191.4
fwS=2.70
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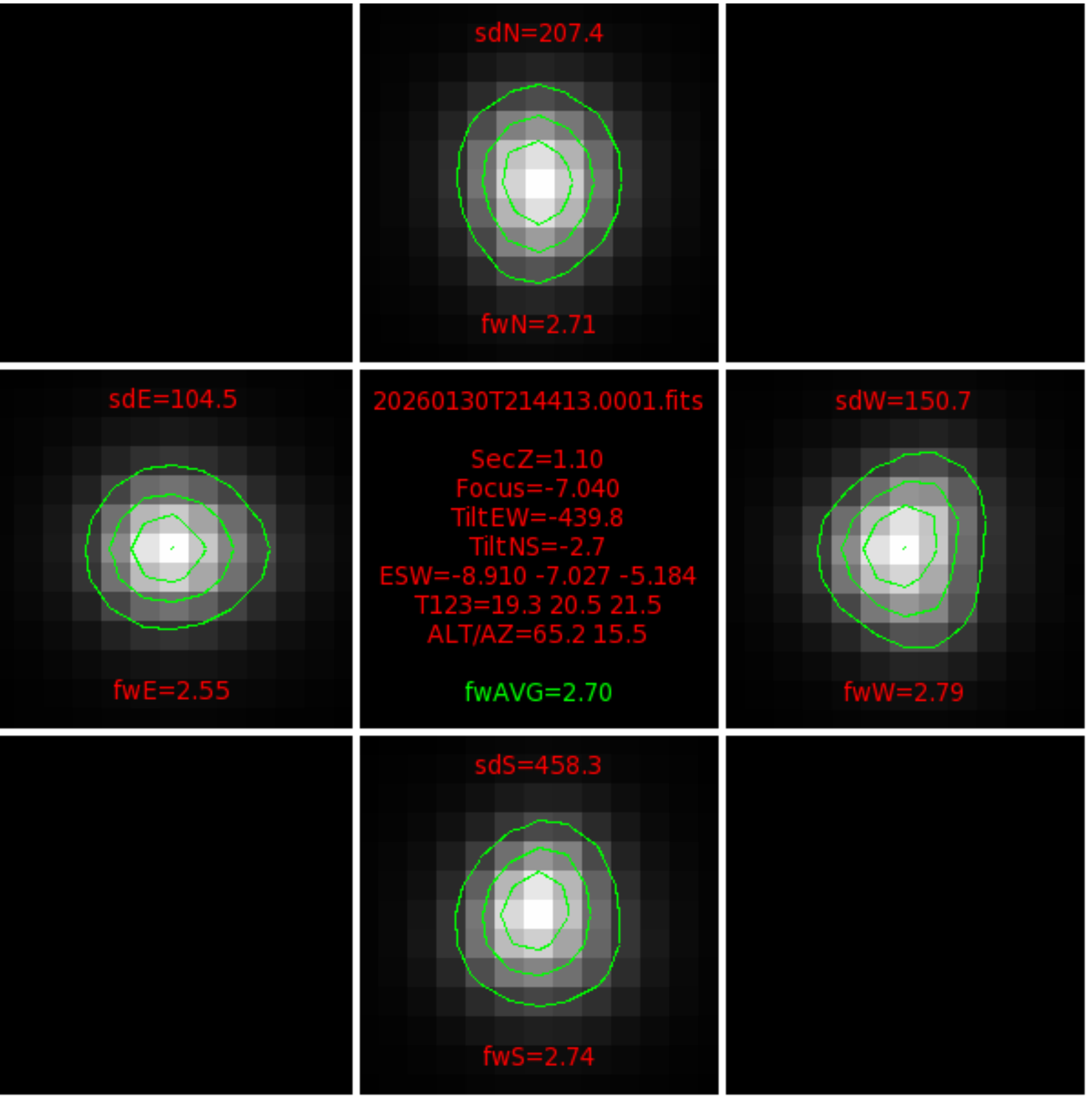
sdN=207.4
fwN=2.71
sdE=104.5
fwE=2.55
20260130T214413.0001.fits
SecZ=1.10
Focus=-7.040
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.910 -7.027 -5.184
T123=19.3 20.5 21.5
ALT/AZ=65.2 15.5
fwAVG=2.70
sdW=150.7
fwW=2.79
sdS=458.3
fwS=2.74
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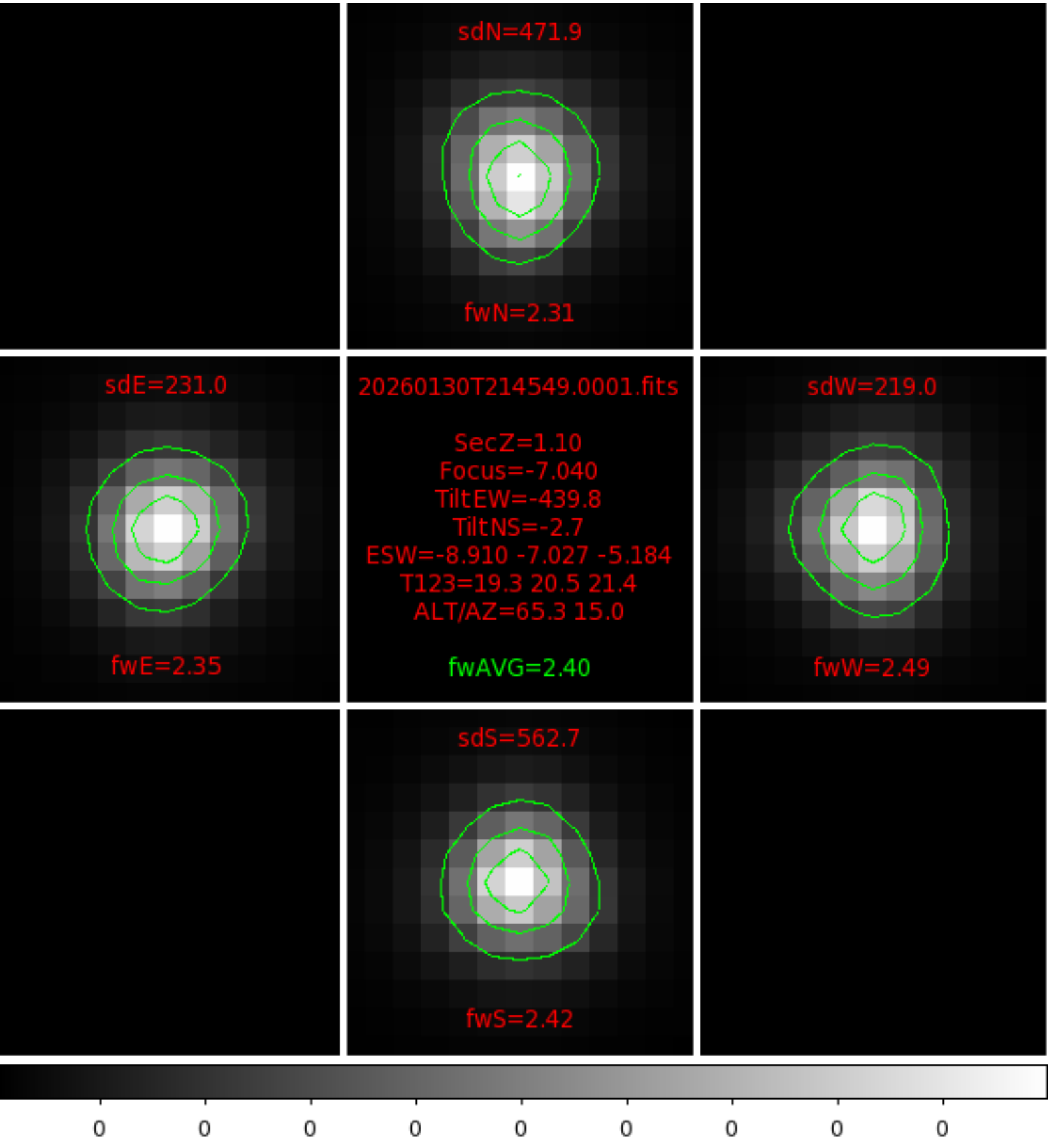
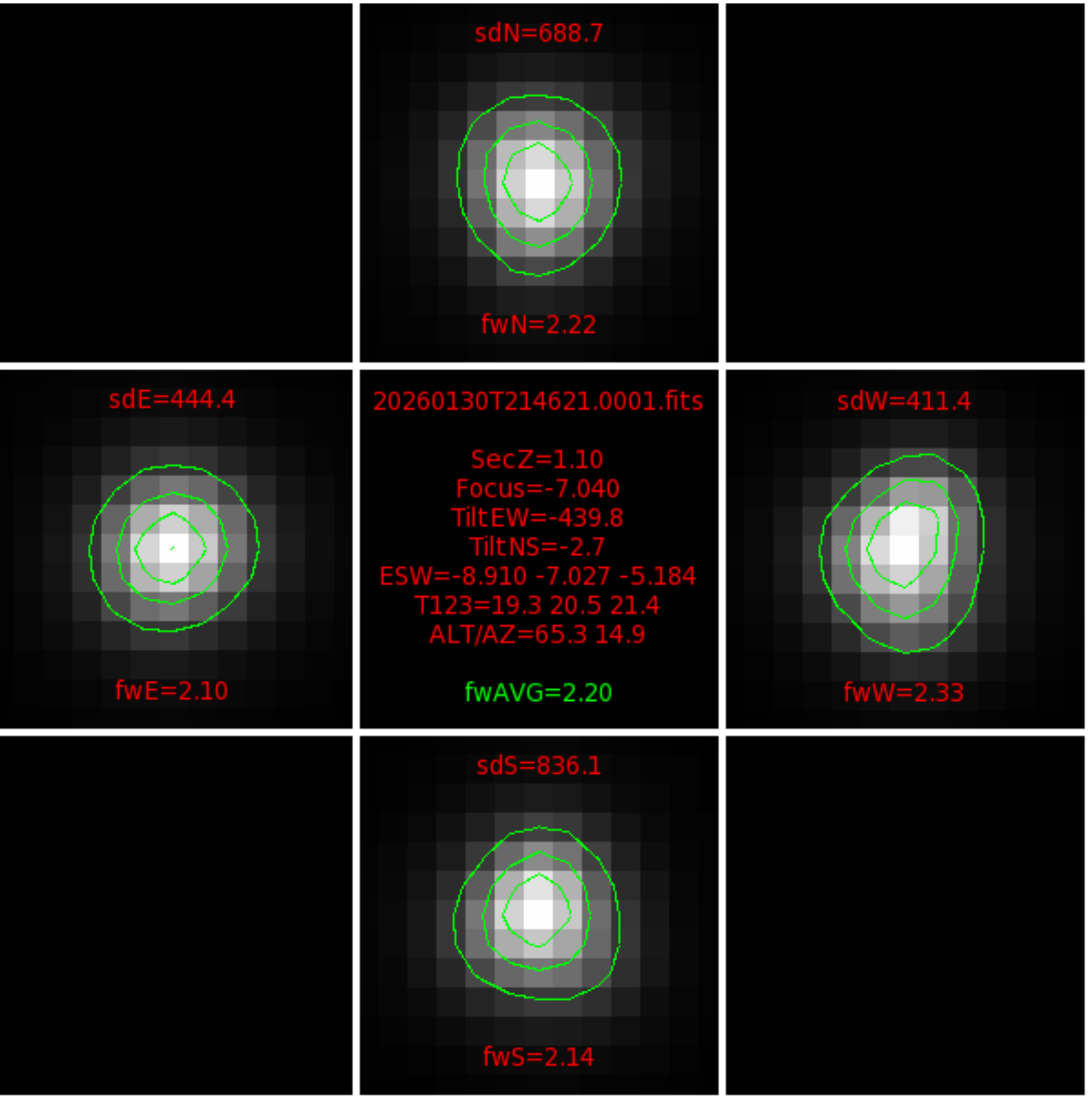
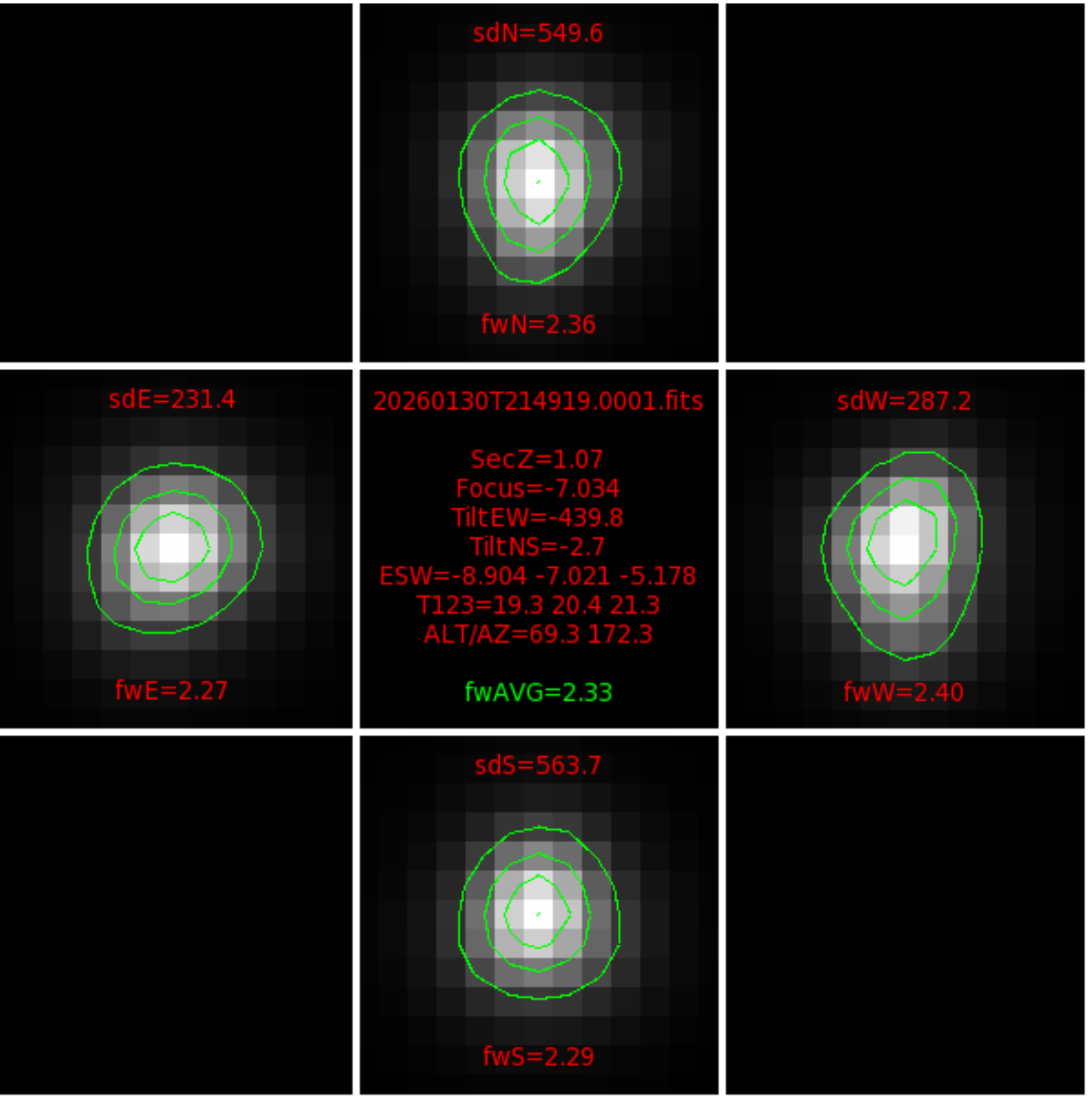
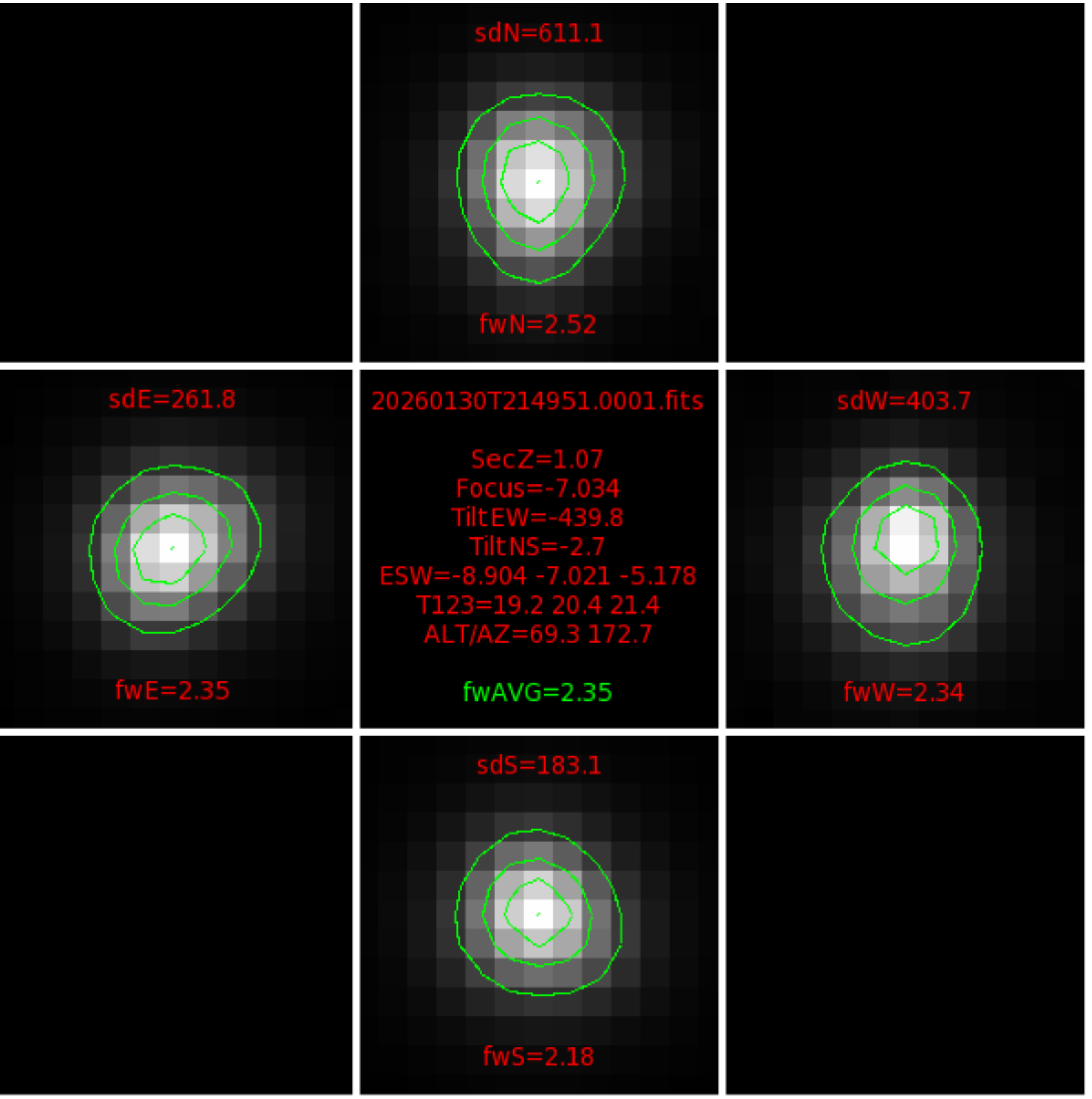
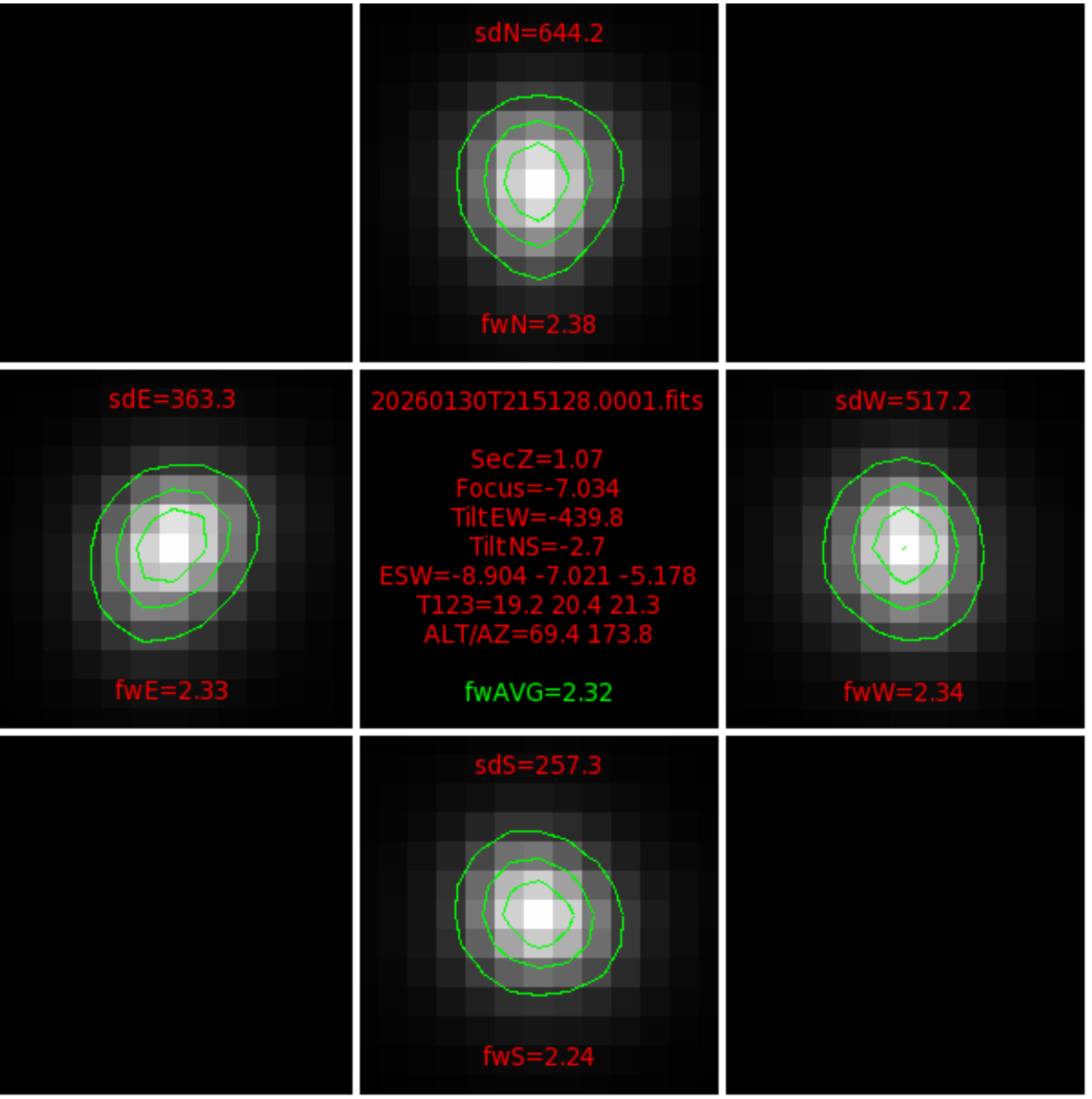

sdN=471.9
fwN=2.31
sdE=231.0
fwE=2.35
20260130T214549.0001.fits
SecZ=1.10
Focus=-7.040
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.910 -7.027 -5.184
T123=19.3 20.5 21.4
ALT/AZ=65.3 15.0
fwAVG=2.40
sdW=219.0
fwW=2.49
sdS=562.7
fwS=2.42
0 0 0 0 0 0 0 0 0


sdN=688.7
fwN=2.22
sdE=444.4
fwE=2.10
20260130T214621.0001.fits
SecZ=1.10
Focus=-7.040
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.910 -7.027 -5.184
T123=19.3 20.5 21.4
ALT/AZ=65.3 14.9
fwAVG=2.20
sdW=411.4
fwW=2.33
sdS=836.1
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=549.6
fwN=2.36
sdE=231.4
fwE=2.27
20260130T214919.0001.fits
SecZ=1.07
Focus=-7.034
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.904 -7.021 -5.178
T123=19.3 20.4 21.3
ALT/AZ=69.3 172.3
fwAVG=2.33
sdW=287.2
fwW=2.40
sdS=563.7
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=611.1
fwN=2.52
sdE=261.8
fwE=2.35
20260130T214951.0001.fits
SecZ=1.07
Focus=-7.034
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.904 -7.021 -5.178
T123=19.2 20.4 21.4
ALT/AZ=69.3 172.7
fwAVG=2.35
sdW=403.7
fwW=2.34
sdS=183.1
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=644.2
fwN=2.38
sdE=363.3
fwE=2.33
20260130T215128.0001.fits
SecZ=1.07
Focus=-7.034
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.904 -7.021 -5.178
T123=19.2 20.4 21.3
ALT/AZ=69.4 173.8
fwAVG=2.32
sdW=517.2
fwW=2.34
sdS=257.3
fwS=2.24
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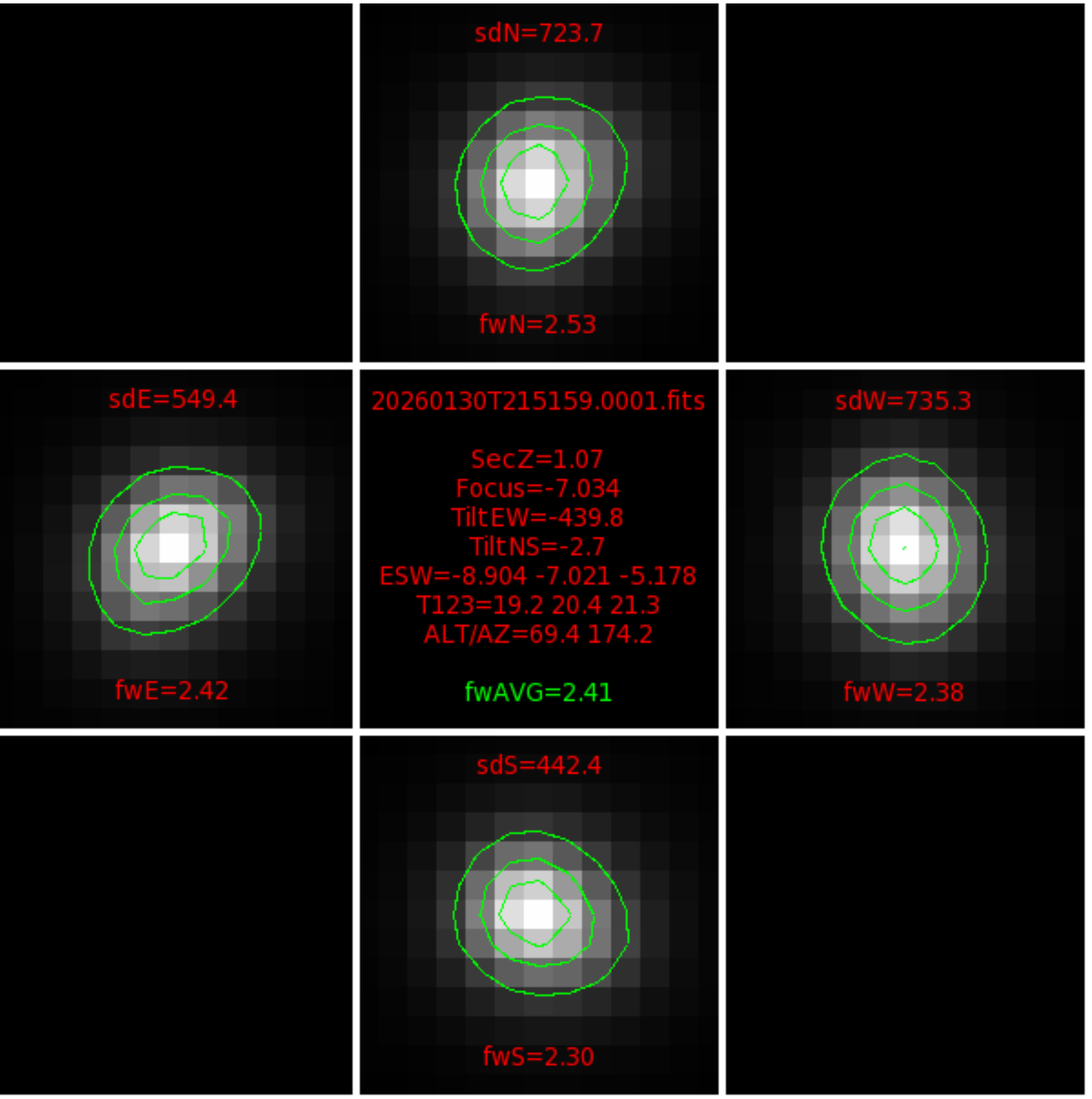
sdN=723.7
fwN=2.53
sdE=549.4
fwE=2.42
20260130T215159.0001.fits
SecZ=1.07
Focus=-7.034
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.904 -7.021 -5.178
T123=19.2 20.4 21.3
ALT/AZ=69.4 174.2
fwAVG=2.41
sdW=735.3
fwW=2.38
sdS=442.4
fwS=2.30
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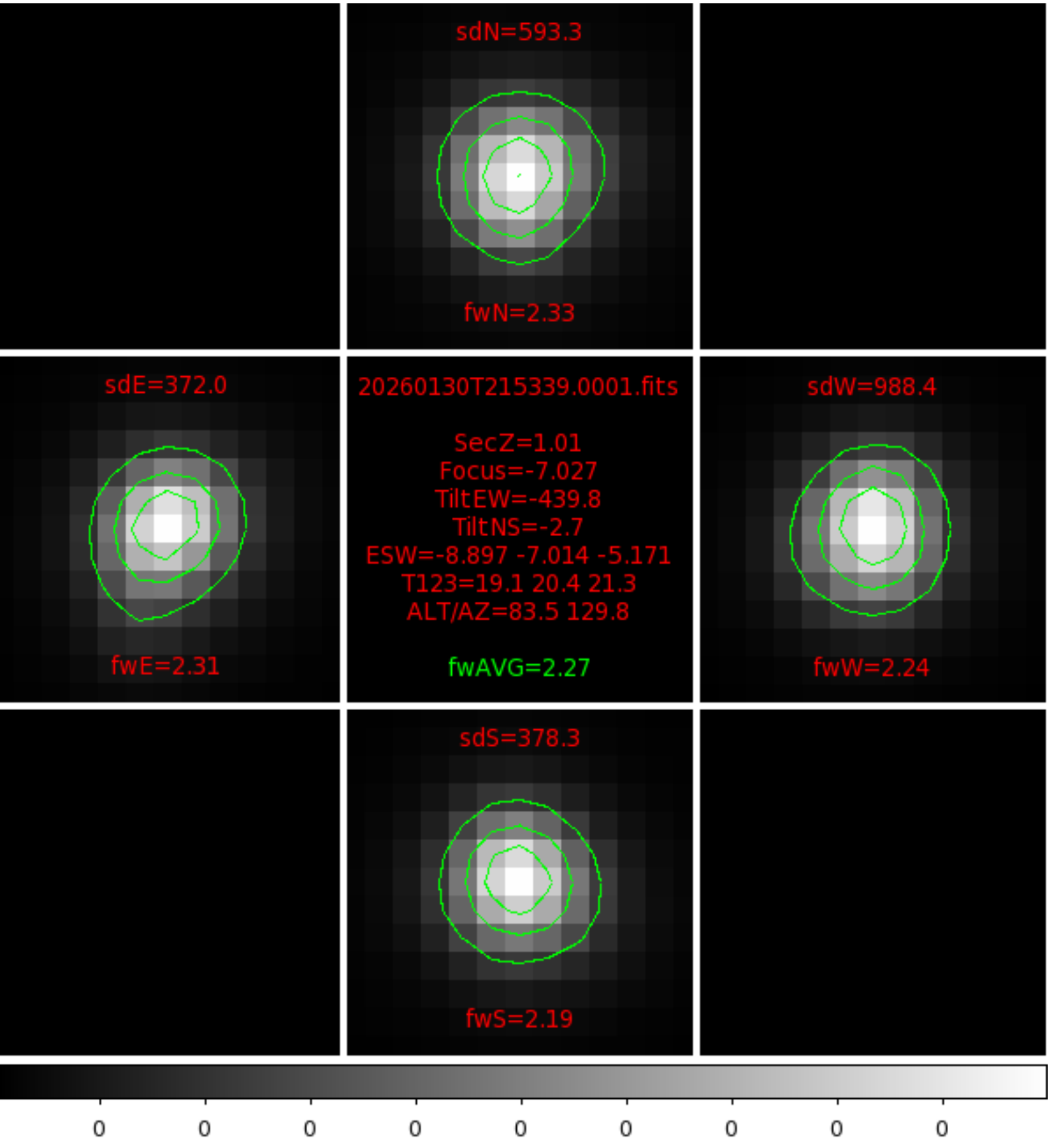
sdN=593.3
fwN=2.33
sdE=372.0
fwE=2.31
20260130T215339.0001.fits
SecZ=1.01
Focus=-7.027
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.897 -7.014 -5.171
T123=19.1 20.4 21.3
ALT/AZ=83.5 129.8
fwAVG=2.27
sdW=988.4
fwW=2.24
sdS=378.3
fwS=2.19
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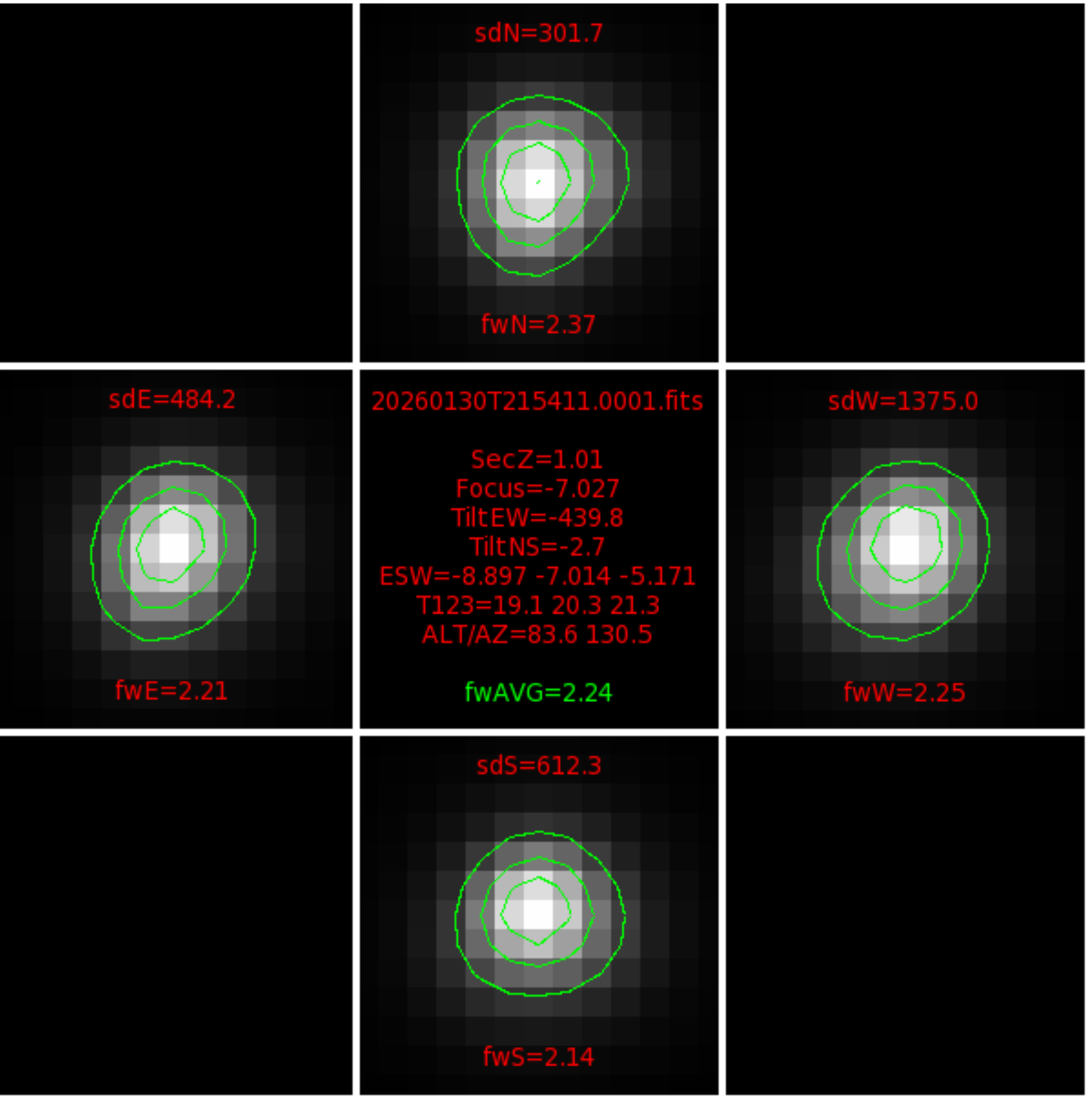
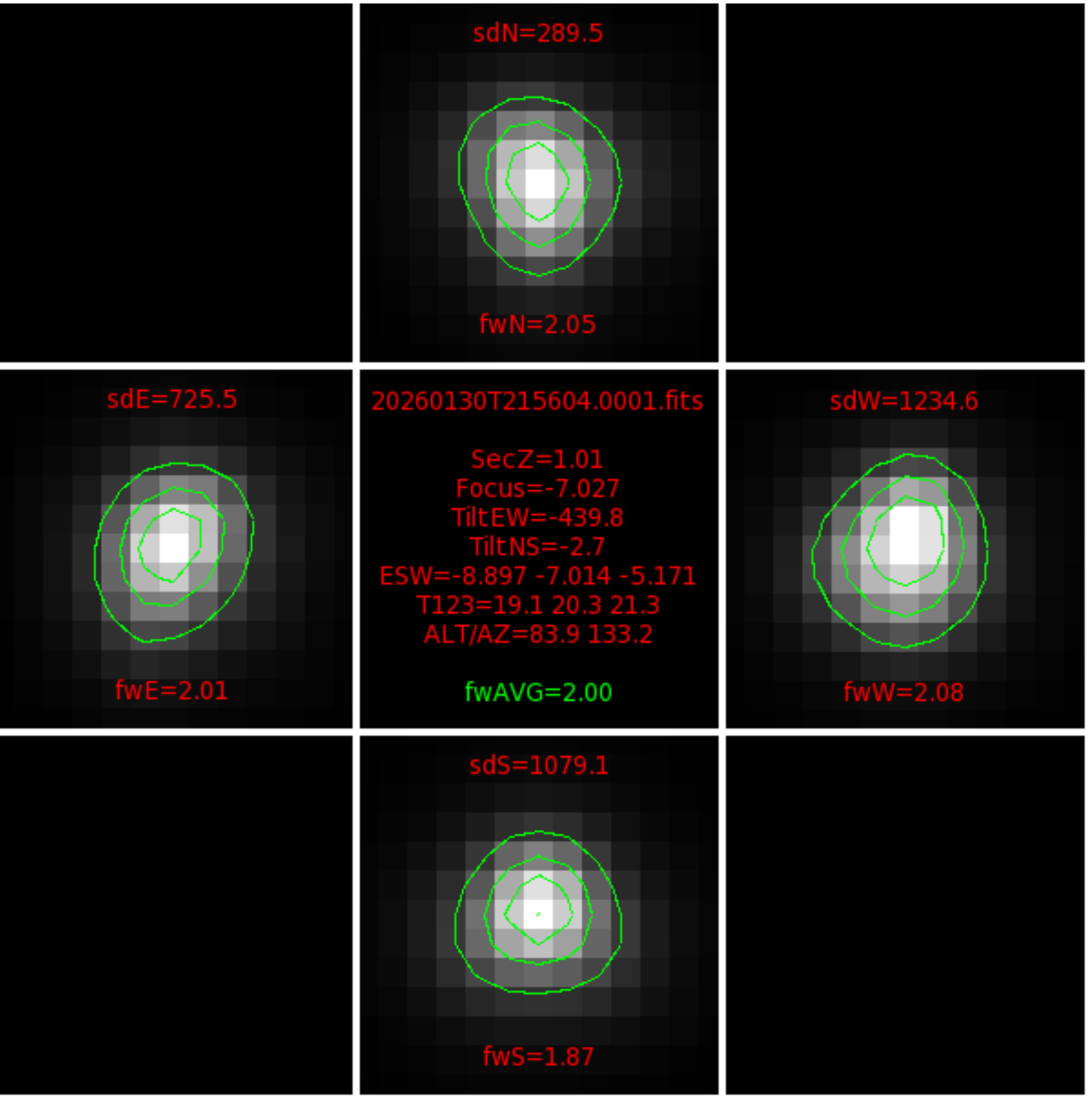
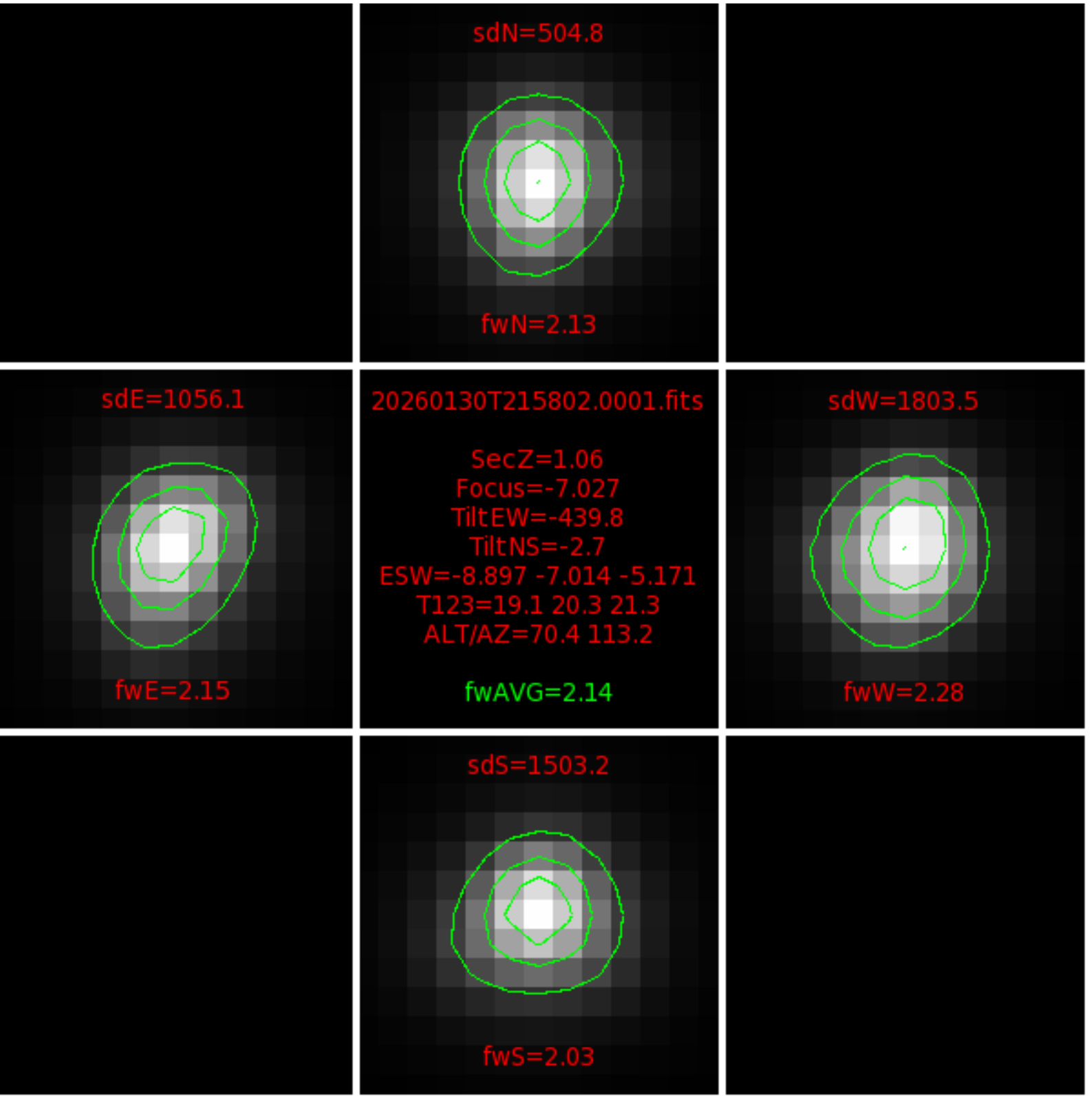

sdN=301.7
fwN=2.37
sdE=484.2
fwE=2.21
20260130T215411.0001.fits
SecZ=1.01
Focus=-7.027
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.897 -7.014 -5.171
T123=19.1 20.3 21.3
ALT/AZ=83.6 130.5
fwAVG=2.24
sdW=1375.0
fwW=2.25
sdS=612.3
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=289.5
fwN=2.05
sdE=725.5
fwE=2.01
20260130T215604.0001.fits
SecZ=1.01
Focus=-7.027
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.897 -7.014 -5.171
T123=19.1 20.3 21.3
ALT/AZ=83.9 133.2
fwAVG=2.00
sdW=1234.6
fwW=2.08
sdS=1079.1
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=504.8
fwN=2.13
sdE=1056.1
fwE=2.15
20260130T215802.0001.fits
SecZ=1.06
Focus=-7.027
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.897 -7.014 -5.171
T123=19.1 20.3 21.3
ALT/AZ=70.4 113.2
fwAVG=2.14
sdW=1803.5
fwW=2.28
sdS=1503.2
fwS=2.03
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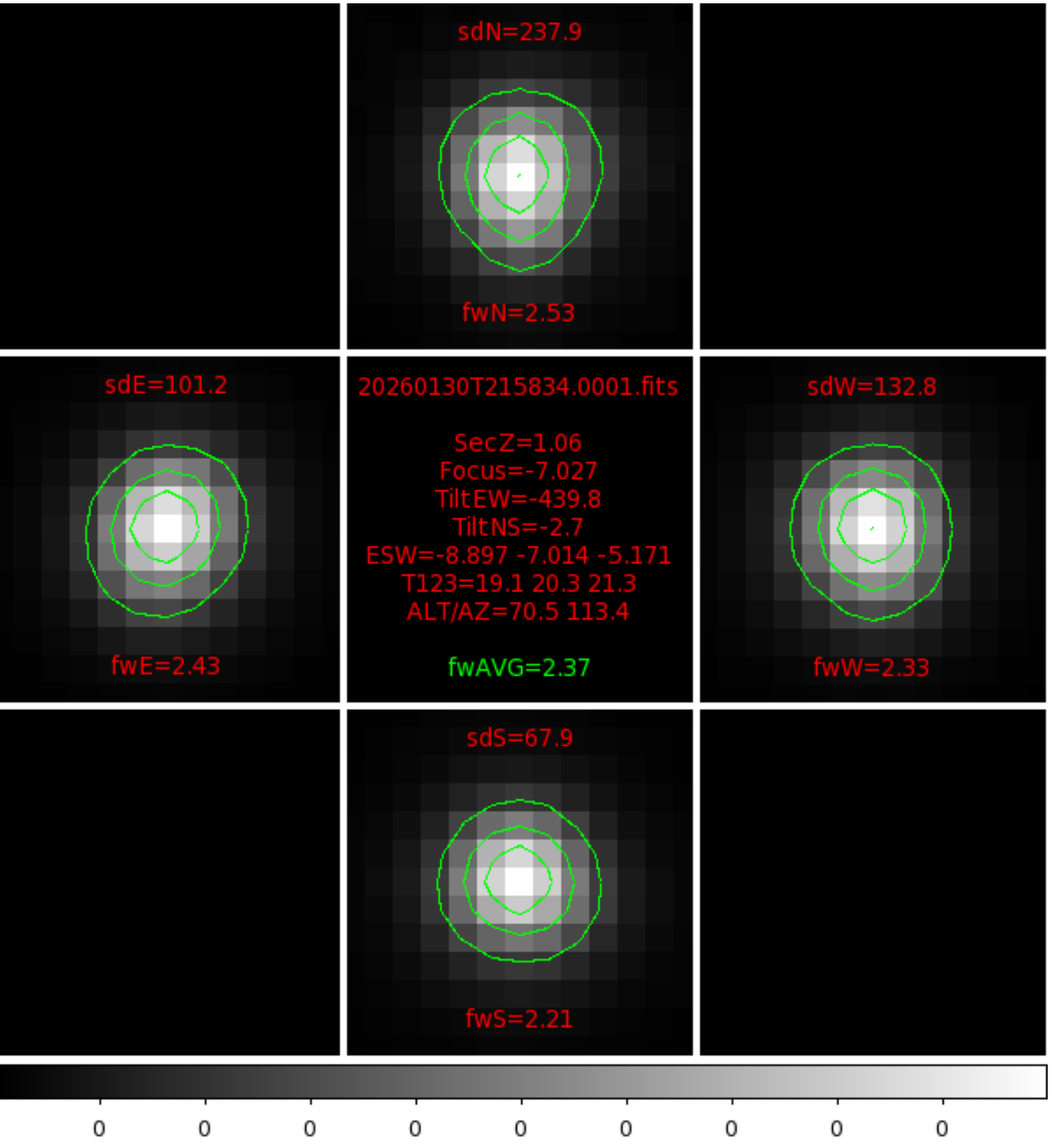
sdN=237.9
fwN=2.53
sdE=101.2
fwE=2.43
20260130T215834.0001.fits
SecZ=1.06
Focus=-7.027
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.897 -7.014 -5.171
T123=19.1 20.3 21.3
ALT/AZ=70.5 113.4
fwAVG=2.37
sdW=132.8
fwW=2.33
sdS=67.9
fwS=2.21
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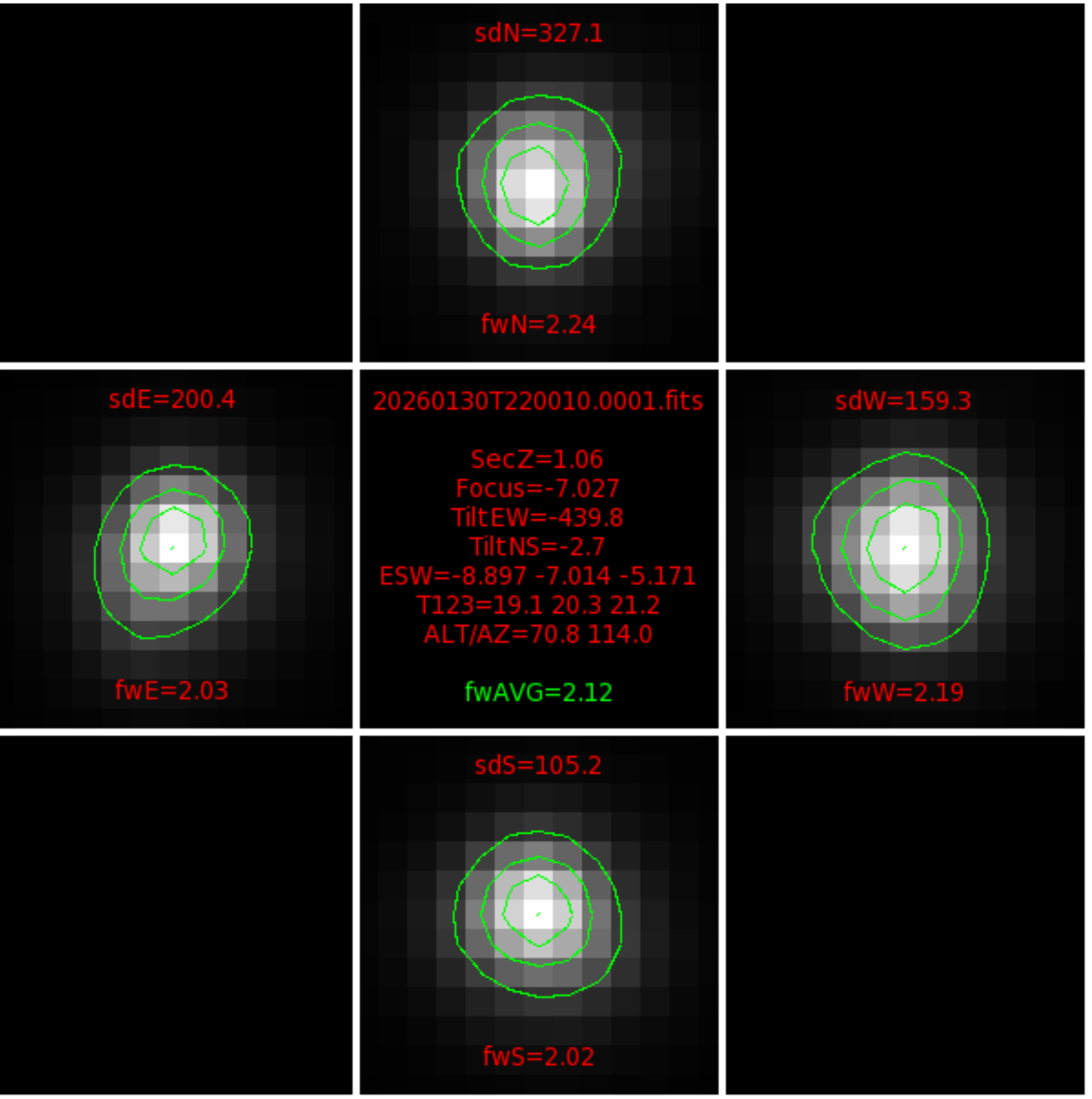
sdN=327.1
fwN=2.24
sdE=200.4
fwE=2.03
20260130T220010.0001.fits
SecZ=1.06
Focus=-7.027
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.897 -7.014 -5.171
T123=19.1 20.3 21.2
ALT/AZ=70.8 114.0
fwAVG=2.12
sdW=159.3
fwW=2.19
sdS=105.2
fwS=2.02
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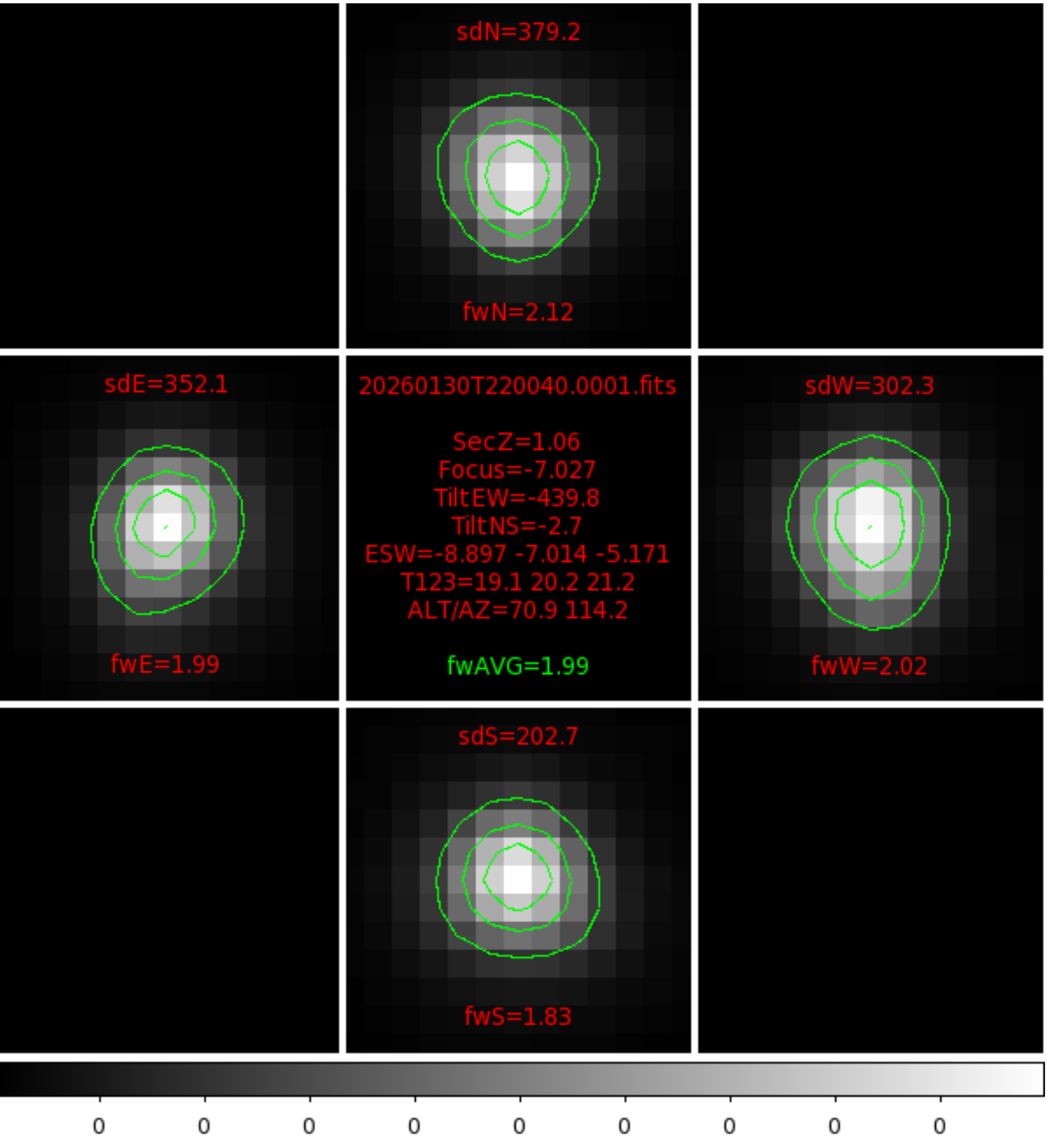
sdN=379.2
fwN=2.12
sdE=352.1
fwE=1.99
20260130T220040.0001.fits
SecZ=1.06
Focus=-7.027
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.897 -7.014 -5.171
T123=19.1 20.2 21.2
ALT/AZ=70.9 114.2
fwAVG=1.99
sdW=302.3
fwW=2.02
sdS=202.7
fwS=1.83
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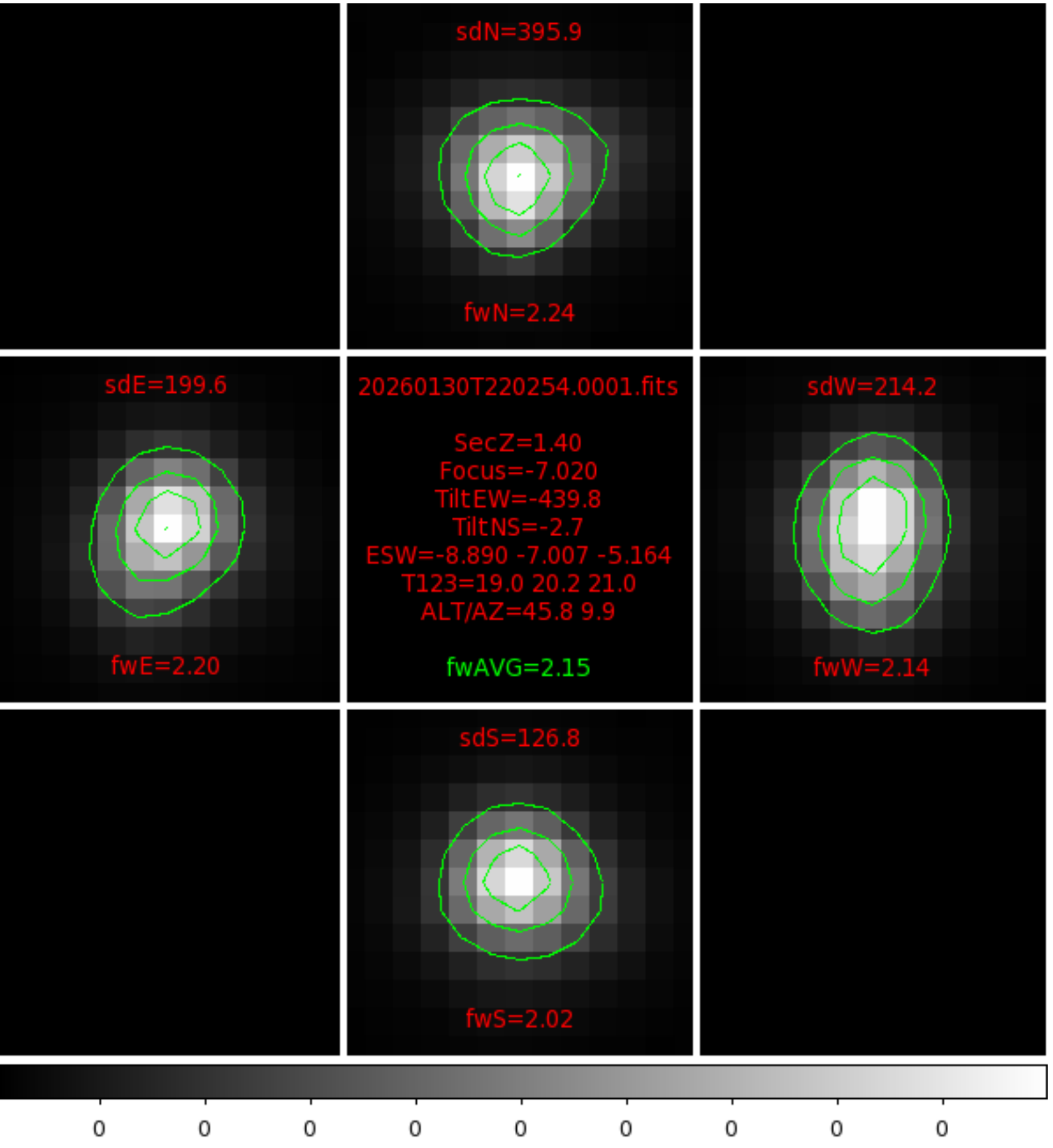
sdN=395.9
fwN=2.24
sdE=199.6
fwE=2.20
20260130T220254.0001.fits
SecZ=1.40
Focus=-7.020
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.890 -7.007 -5.164
T123=19.0 20.2 21.0
ALT/AZ=45.8 9.9
fwAVG=2.15
sdW=214.2
fwW=2.14
sdS=126.8
fwS=2.02
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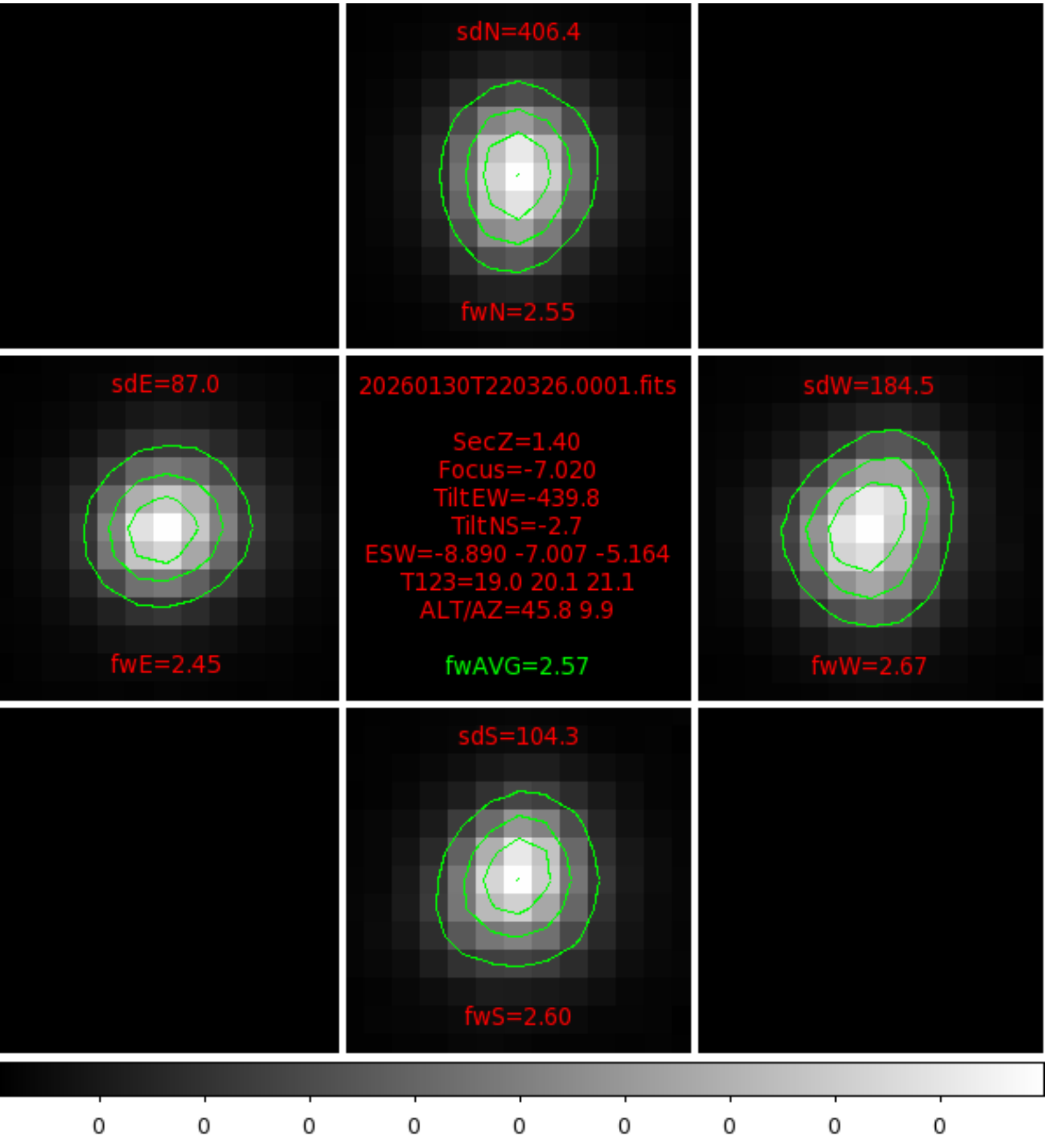
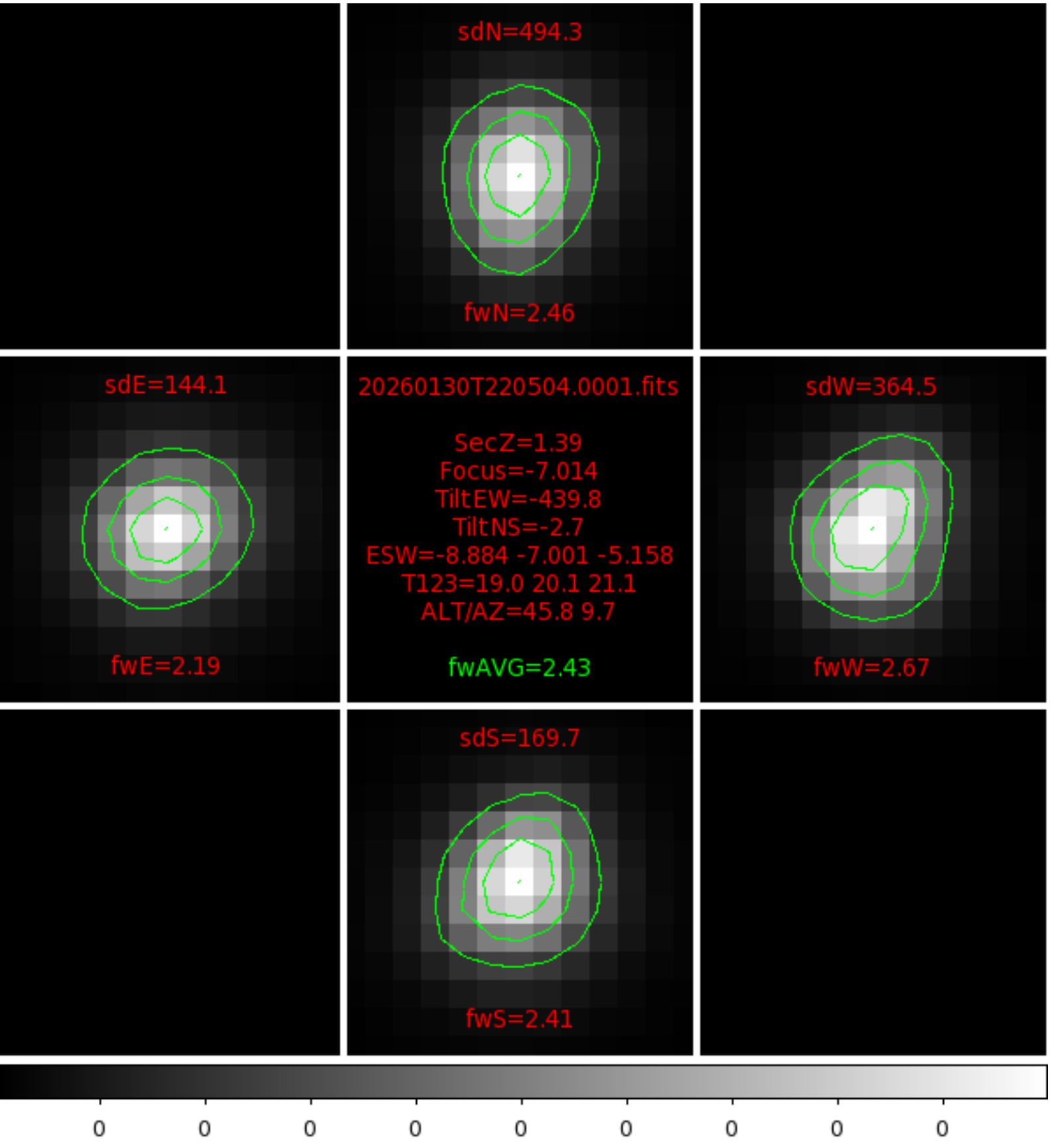

sdN=406.4
fwN=2.55
sdE=87.0
fwE=2.45
20260130T220326.0001.fits
SecZ=1.40
Focus=-7.020
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.890 -7.007 -5.164
T123=19.0 20.1 21.1
ALT/AZ=45.8 9.9
fwAVG=2.57
sdW=184.5
fwW=2.67
sdS=104.3
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=494.3
fwN=2.46
sdE=144.1
fwE=2.19
20260130T220504.0001.fits
SecZ=1.39
Focus=-7.014
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.884 -7.001 -5.158
T123=19.0 20.1 21.1
ALT/AZ=45.8 9.7
fwAVG=2.43
sdW=364.5
fwW=2.67
sdS=169.7
fwS=2.41
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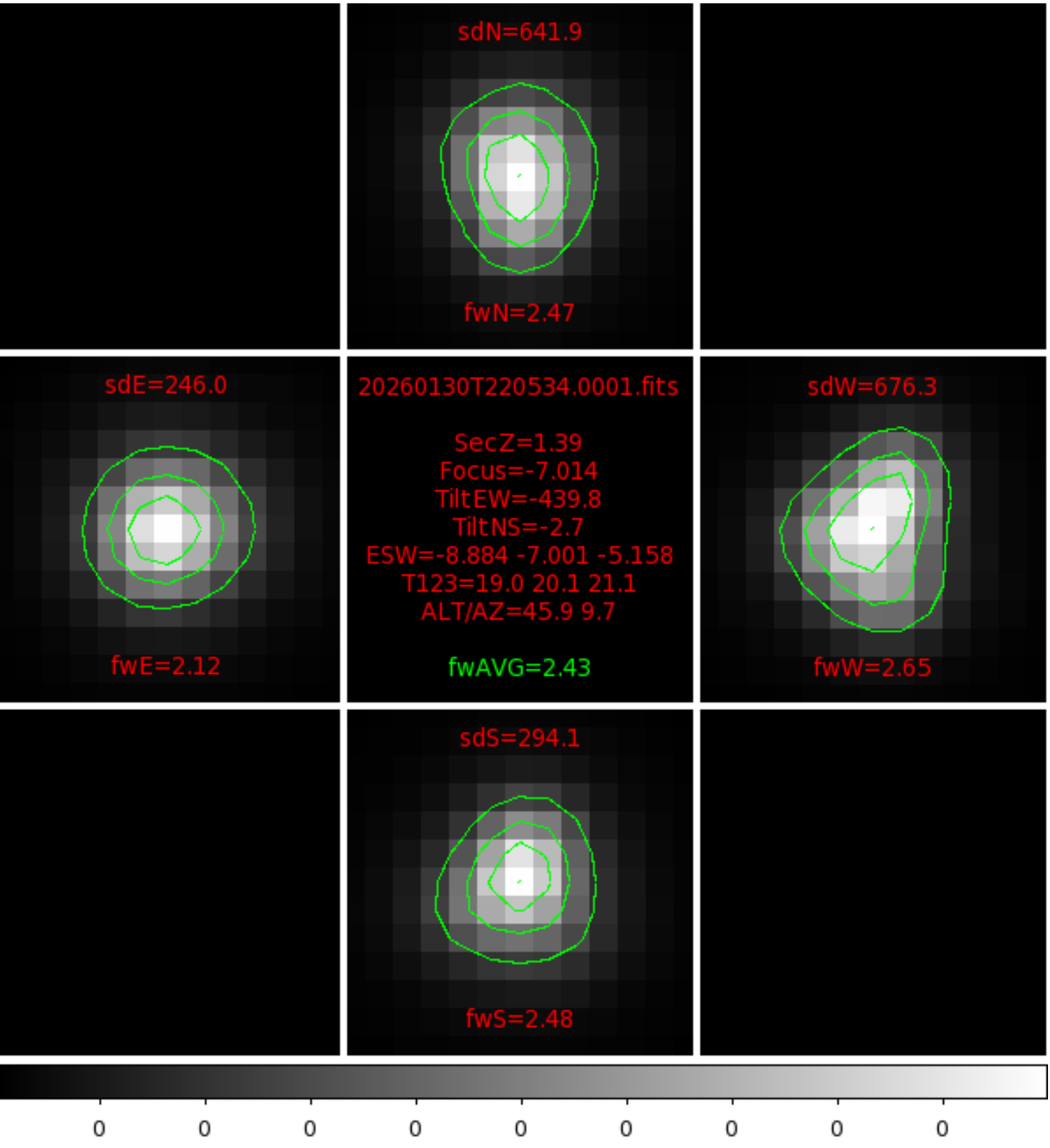
sdN=641.9
fwN=2.47
sdE=246.0
fwE=2.12
20260130T220534.0001.fits
SecZ=1.39
Focus=-7.014
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.884 -7.001 -5.158
T123=19.0 20.1 21.1
ALT/AZ=45.9 9.7
fwAVG=2.43
sdW=676.3
fwW=2.65
sdS=294.1
fwS=2.48
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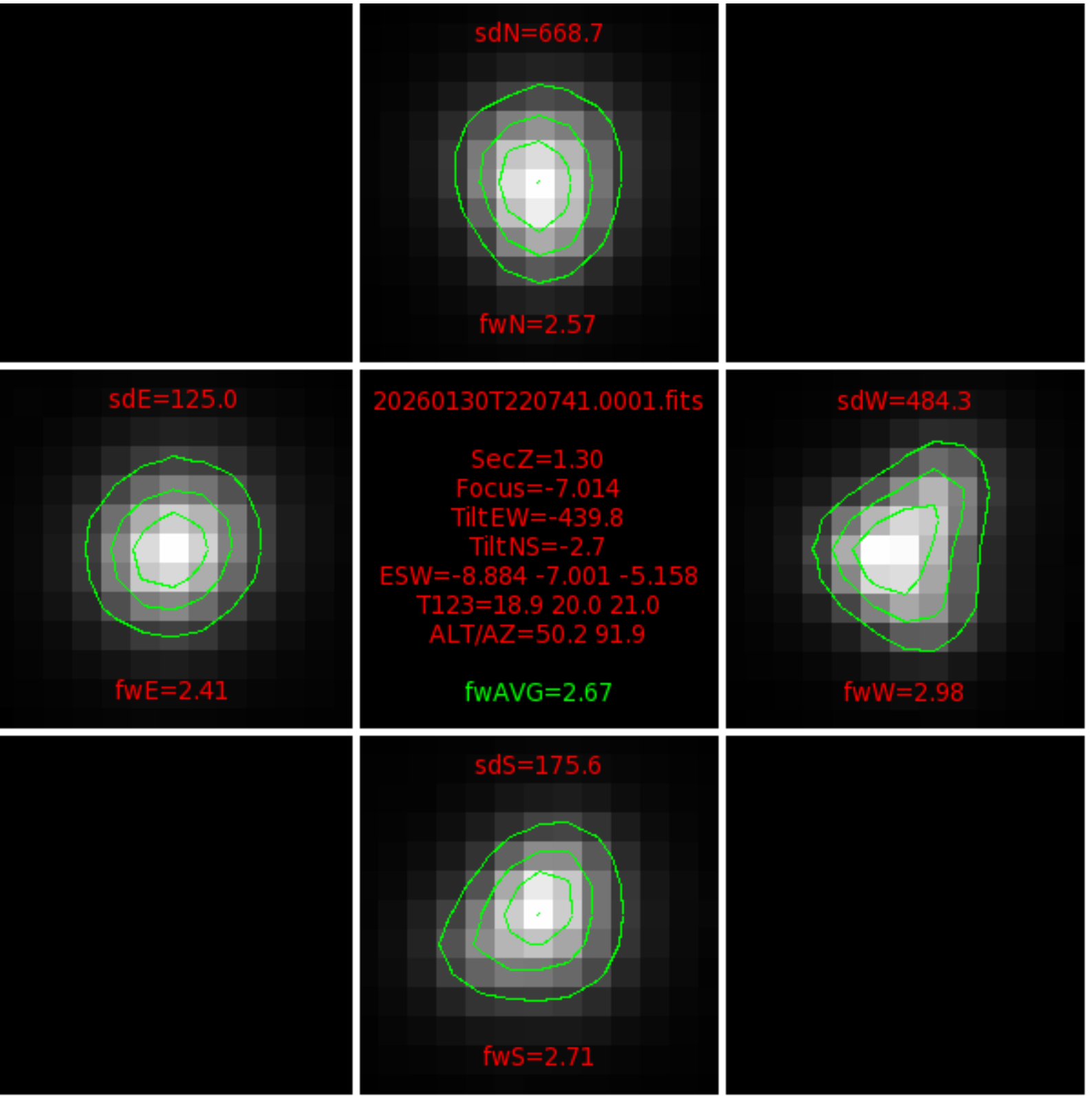
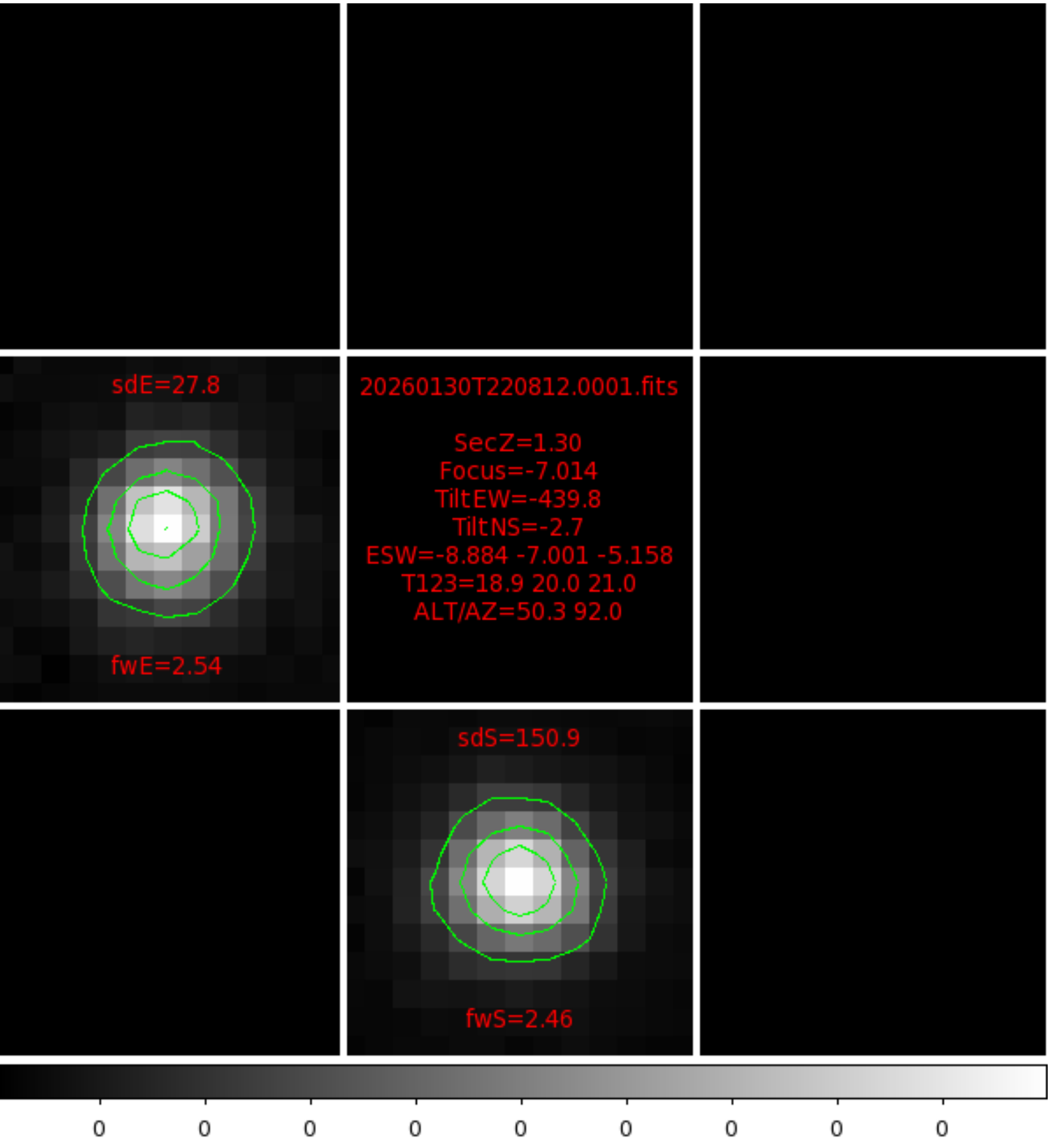
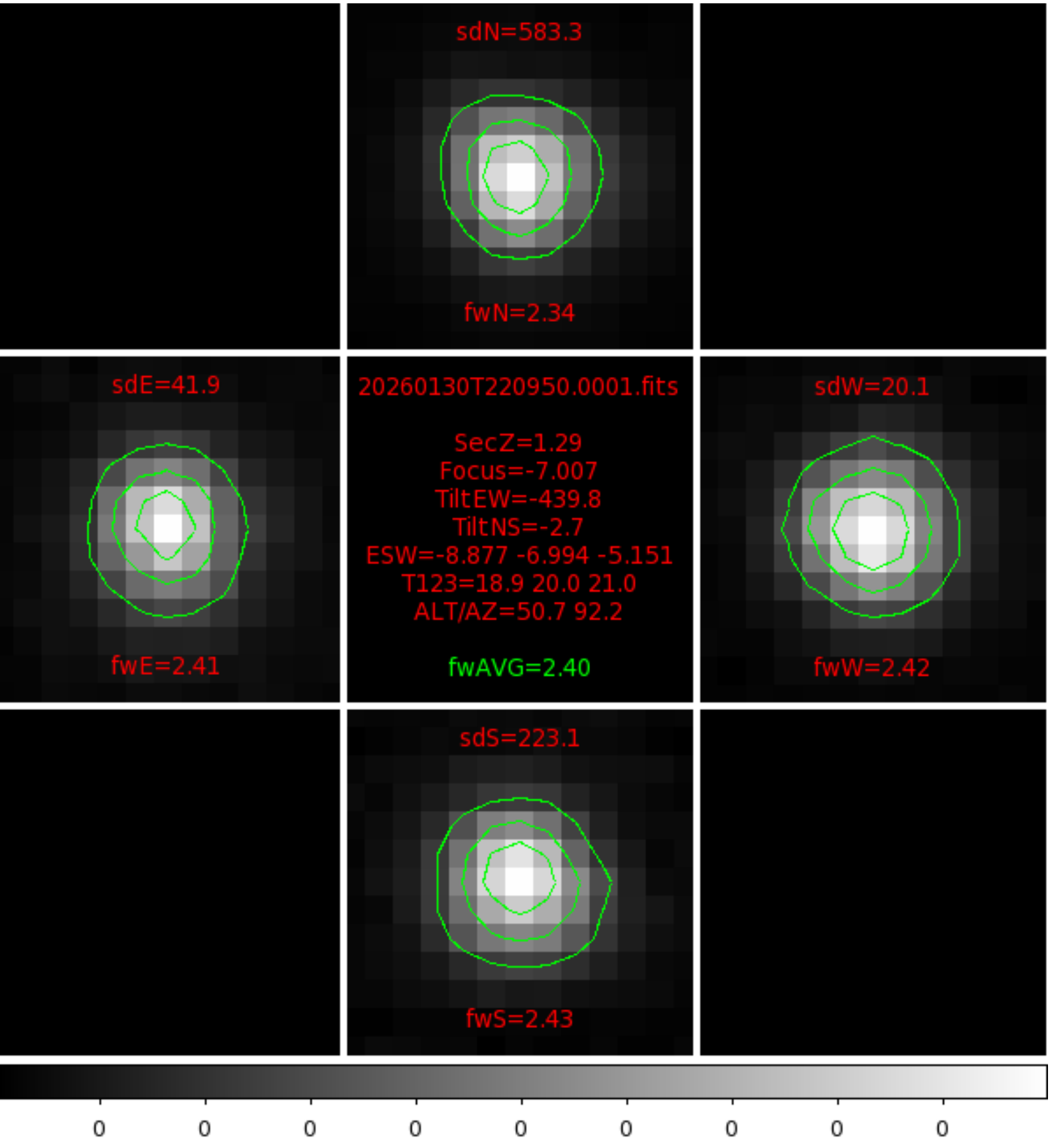
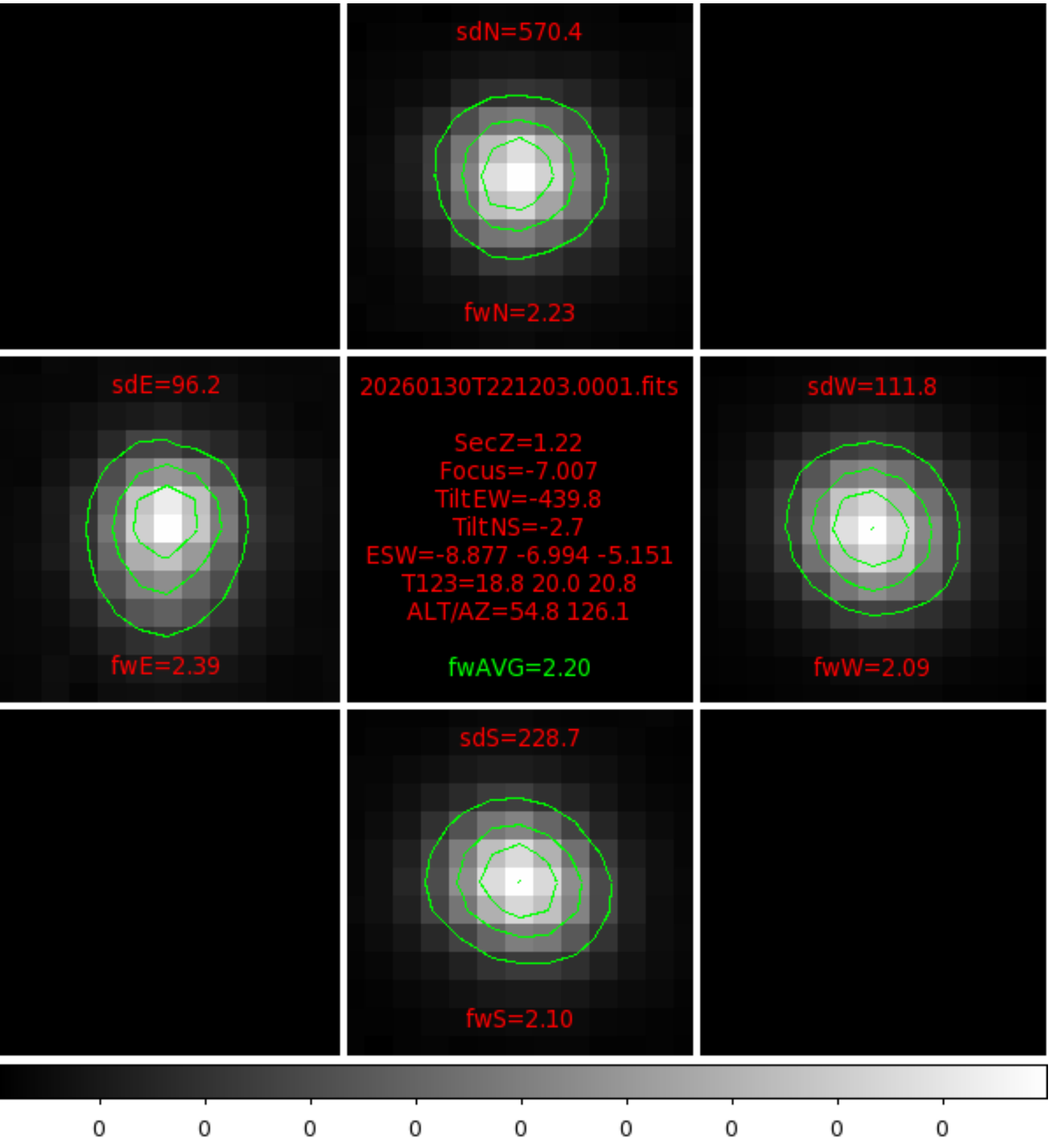
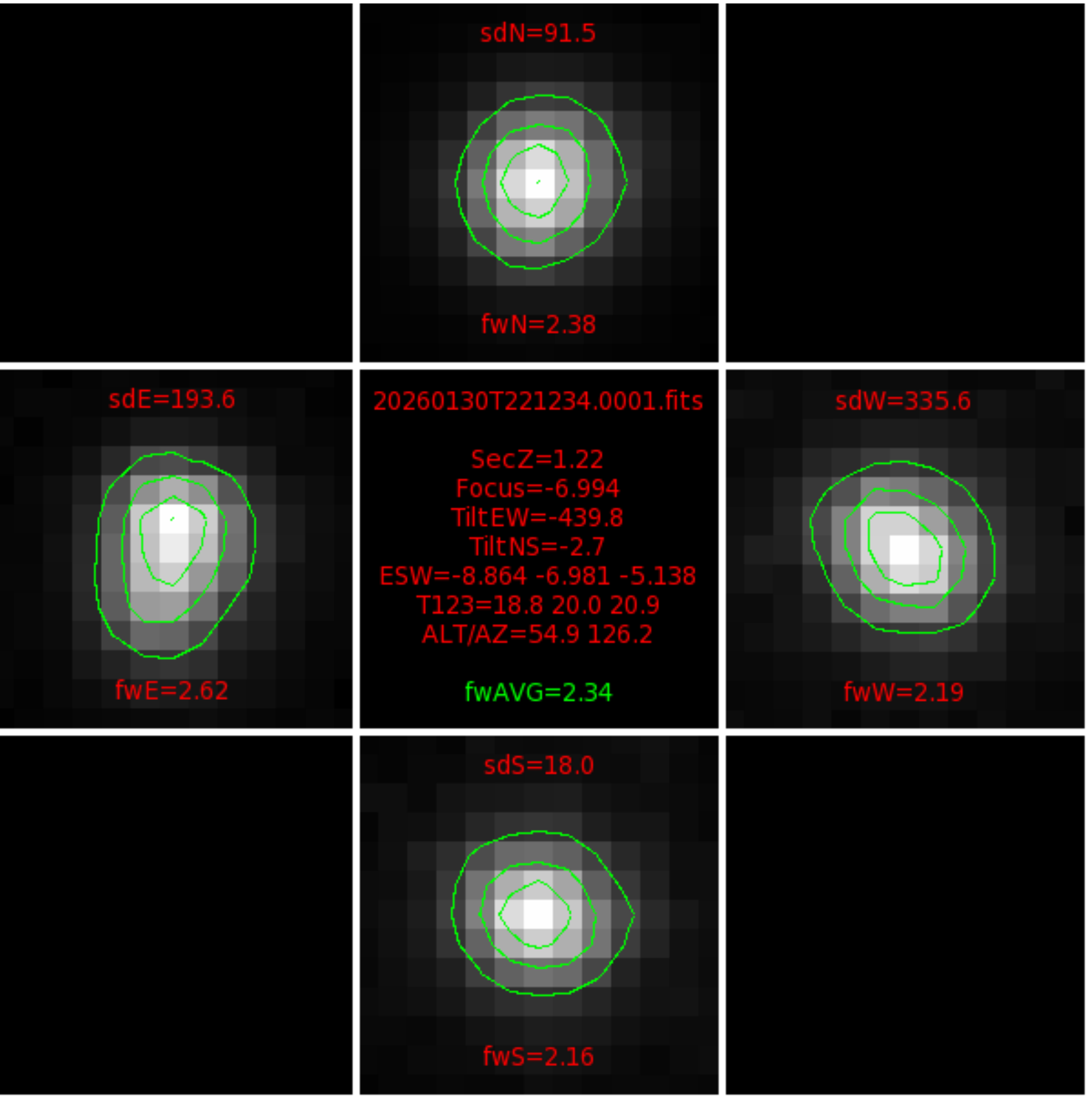
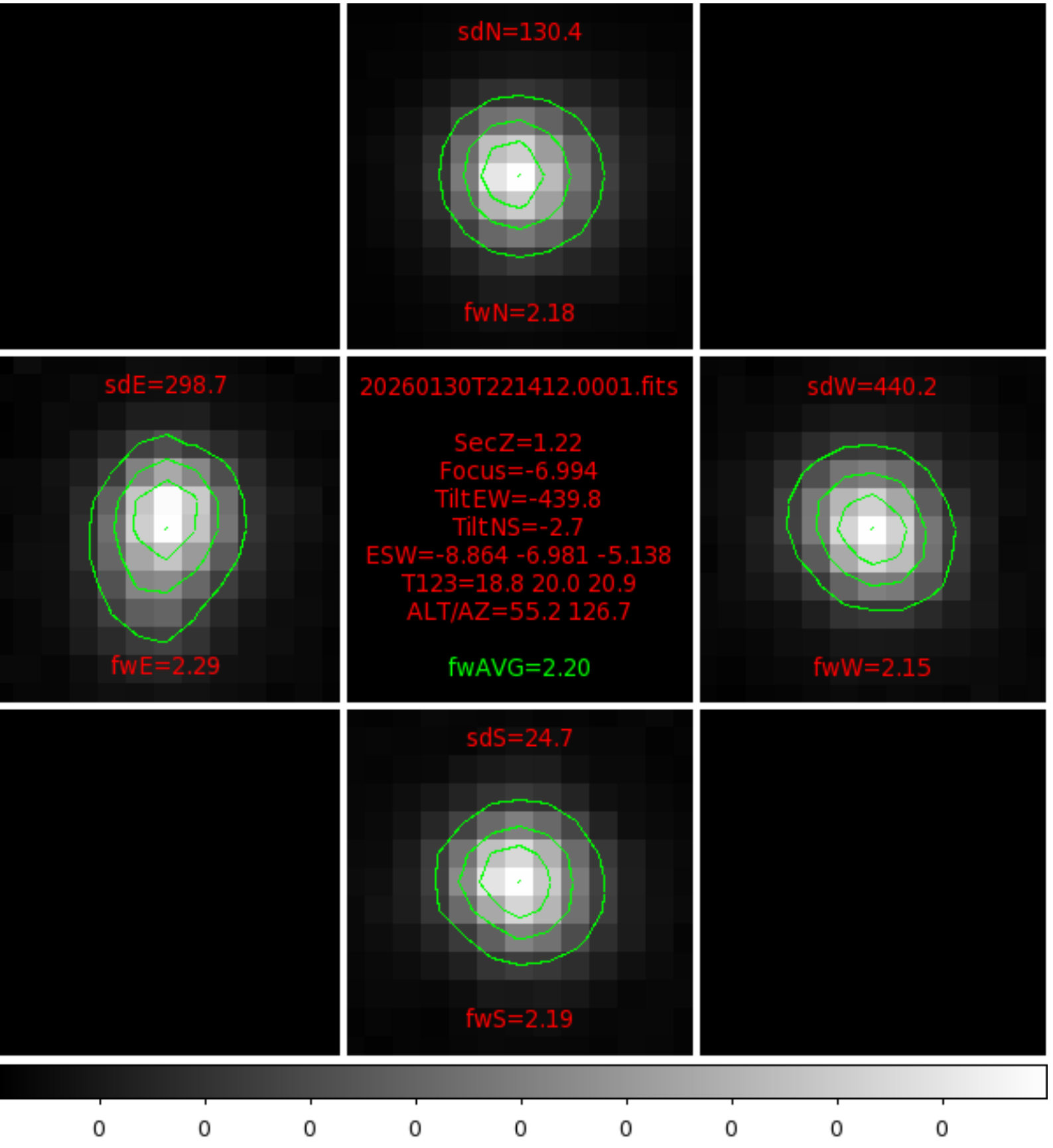

sdN=668.7
fwN=2.57
sdE=125.0
fwE=2.41
20260130T220741.0001.fits
SecZ=1.30
Focus=-7.014
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.884 -7.001 -5.158
T123=18.9 20.0 21.0
ALT/AZ=50.2 91.9
fwAVG=2.67
sdW=484.3
fwW=2.98
sdS=175.6
fwS=2.71
0 0 0 0 0 0 0 0 0

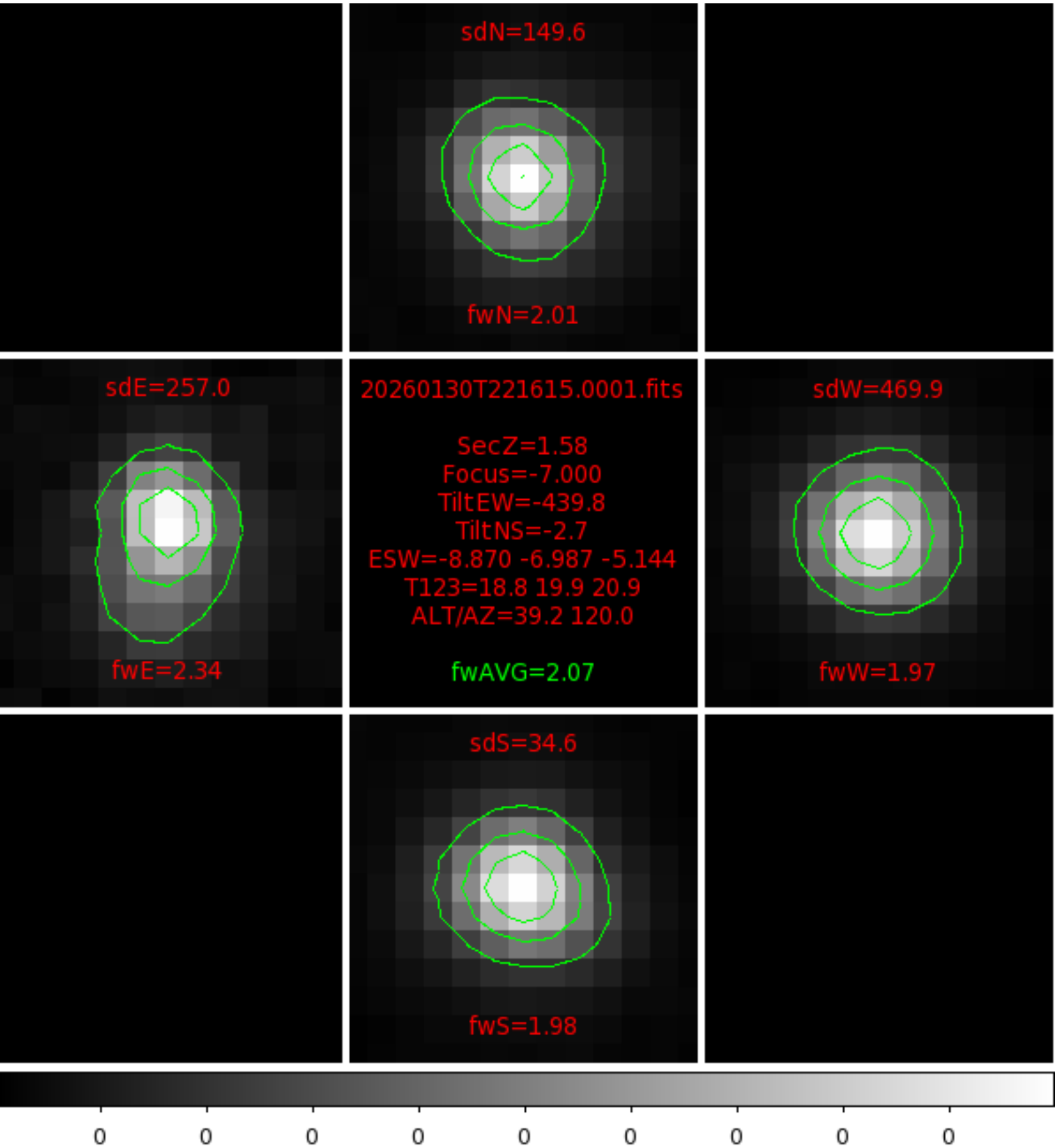

sdE=27.8
20260130T220812.0001.fits
SecZ=1.30
Focus=-7.014
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.884 -7.001 -5.158
T123=18.9 20.0 21.0
ALT/AZ=50.3 92.0
fwE=2.54
sdS=150.9
fwS=2.46
0 0 0 0 0 0 0 0 0

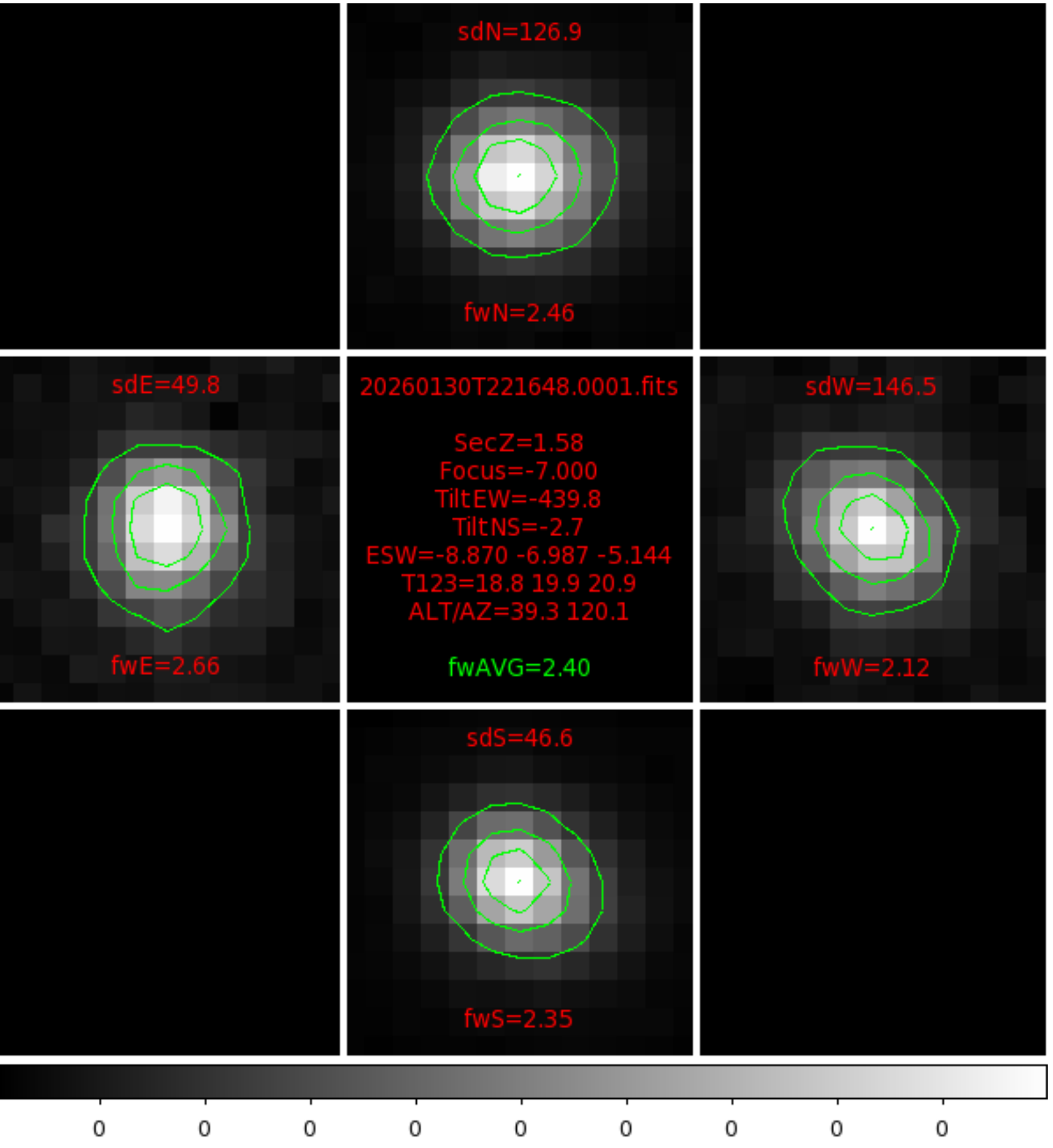

sdN=583.3
fwN=2.34
sdE=41.9
fwE=2.41
20260130T220950.0001.fits
SecZ=1.29
Focus=-7.007
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.877 -6.994 -5.151
T123=18.9 20.0 21.0
ALT/AZ=50.7 92.2
fwAVG=2.40
sdW=20.1
fwW=2.42
sdS=223.1
fwS=2.43
0 0 0 0 0 0 0 0 0

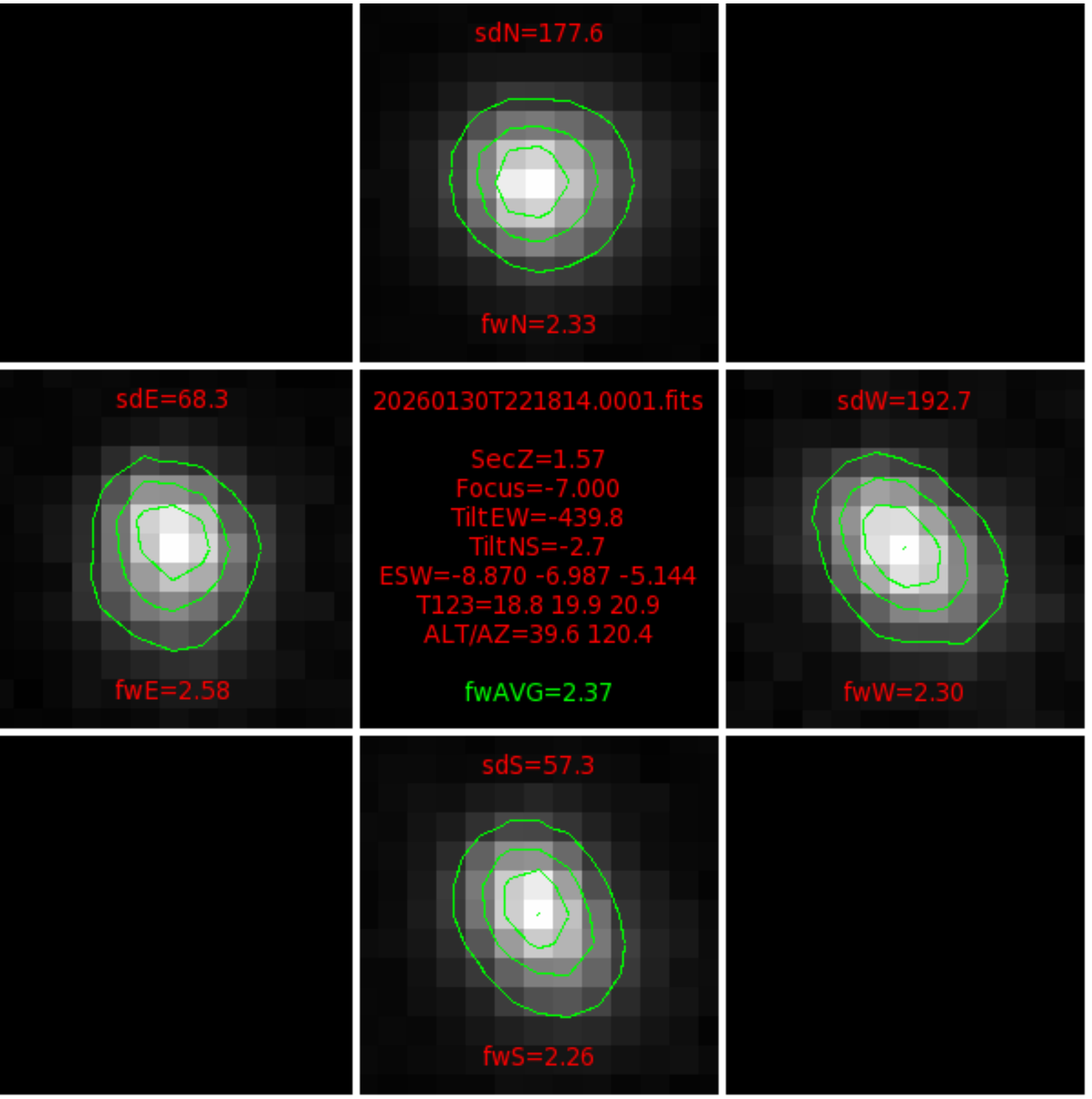

sdN=570.4
fwN=2.23
sdE=96.2
fwE=2.39
20260130T221203.0001.fits
SecZ=1.22
Focus=-7.007
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.877 -6.994 -5.151
T123=18.8 20.0 20.8
ALT/AZ=54.8 126.1
fwAVG=2.20
sdW=111.8
fwW=2.09
sdS=228.7
fwS=2.10
0 0 0 0 0 0 0 0 0

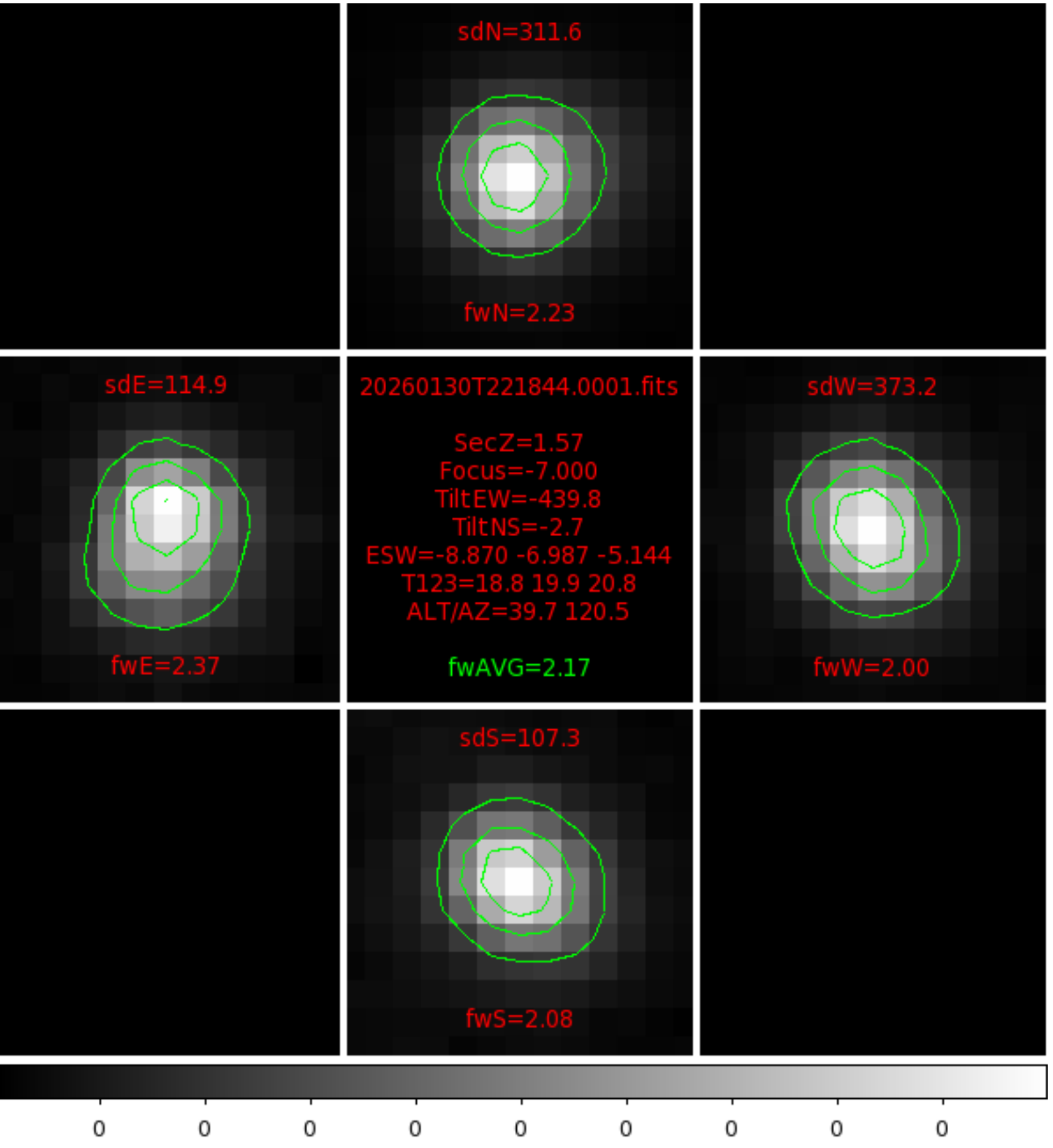

sdN=91.5
fwN=2.38
sdE=193.6
fwE=2.62
20260130T221234.0001.fits
SecZ=1.22
Focus=-6.994
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.864 -6.981 -5.138
T123=18.8 20.0 20.9
ALT/AZ=54.9 126.2
fwAVG=2.34
sdW=335.6
fwW=2.19
sdS=18.0
fwS=2.16
0 0 0 0 0 0 0 0 0

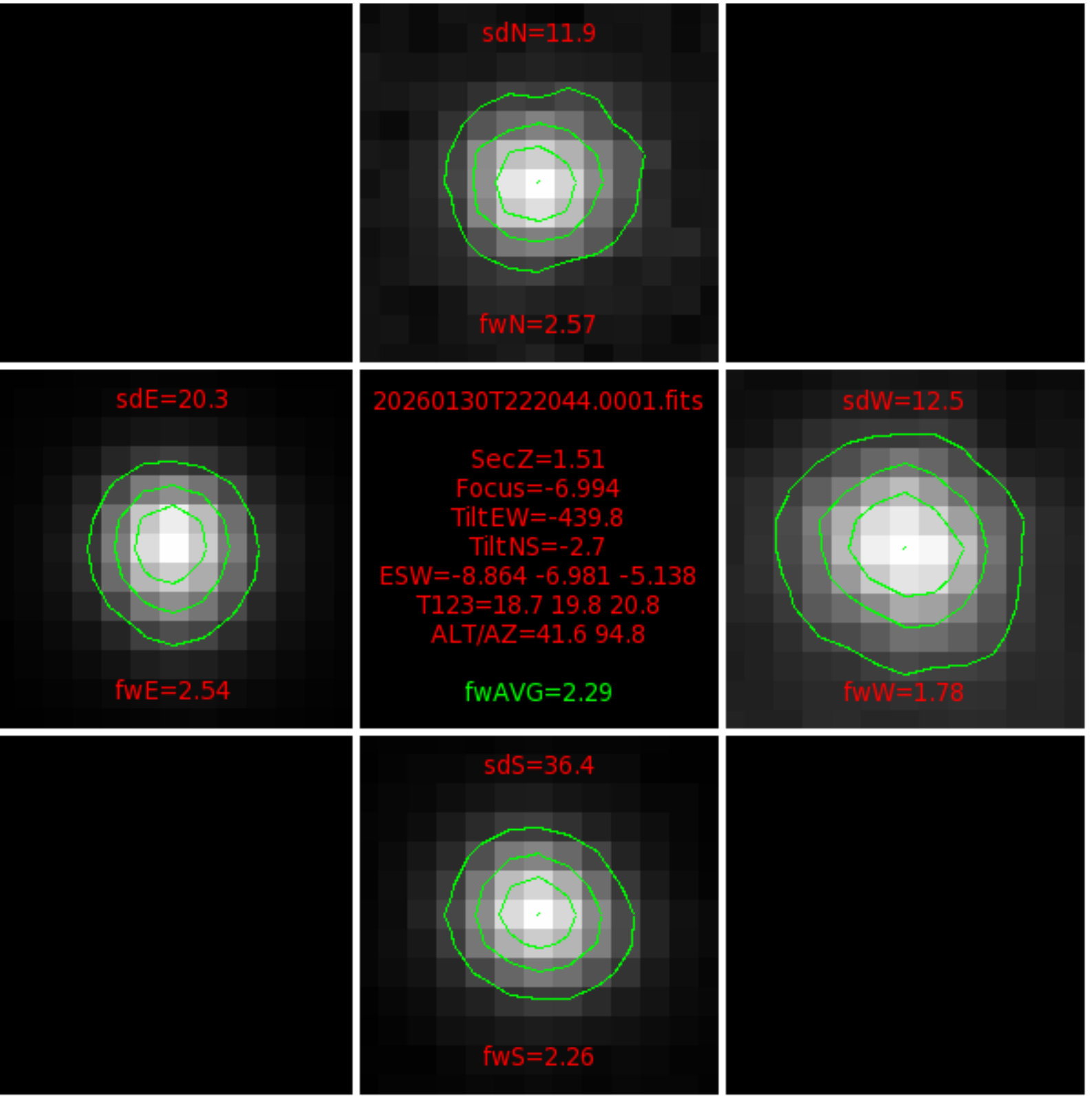

sdN=130.4
fwN=2.18
sdE=298.7
fwE=2.29
20260130T221412.0001.fits
SecZ=1.22
Focus=-6.994
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.864 -6.981 -5.138
T123=18.8 20.0 20.9
ALT/AZ=55.2 126.7
fwAVG=2.20
sdW=440.2
fwW=2.15
sdS=24.7
fwS=2.19
0 0 0 0 0 0 0 0 0

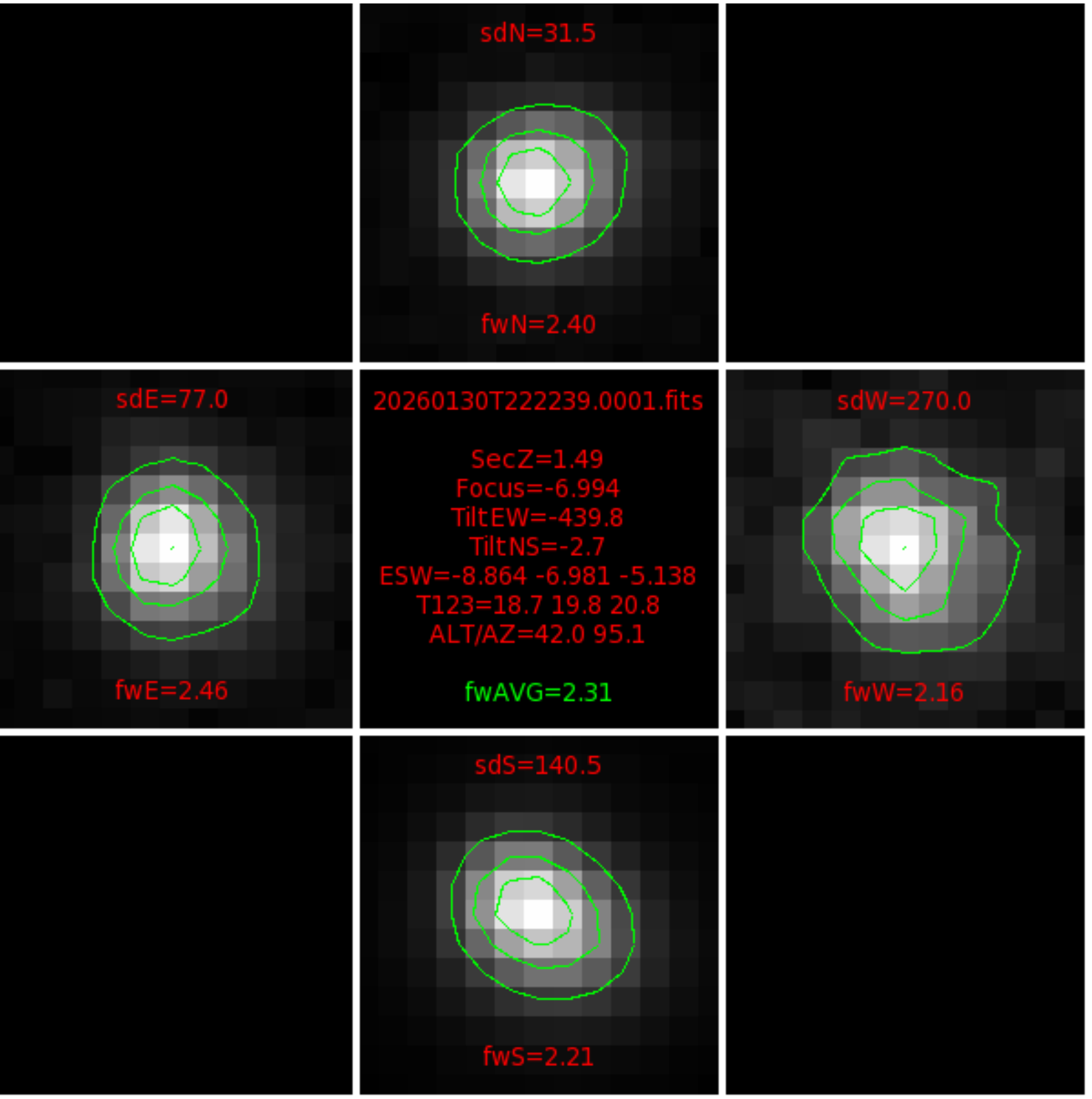

sdN=149.6
fwN=2.01
sdE=257.0
fwE=2.34
20260130T221615.0001.fits
SecZ=1.58
Focus=-7.000
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.870 -6.987 -5.144
T123=18.8 19.9 20.9
ALT/AZ=39.2 120.0
fwAVG=2.07
sdW=469.9
fwW=1.97
sdS=34.6
fwS=1.98
0 0 0 0 0 0 0 0 0

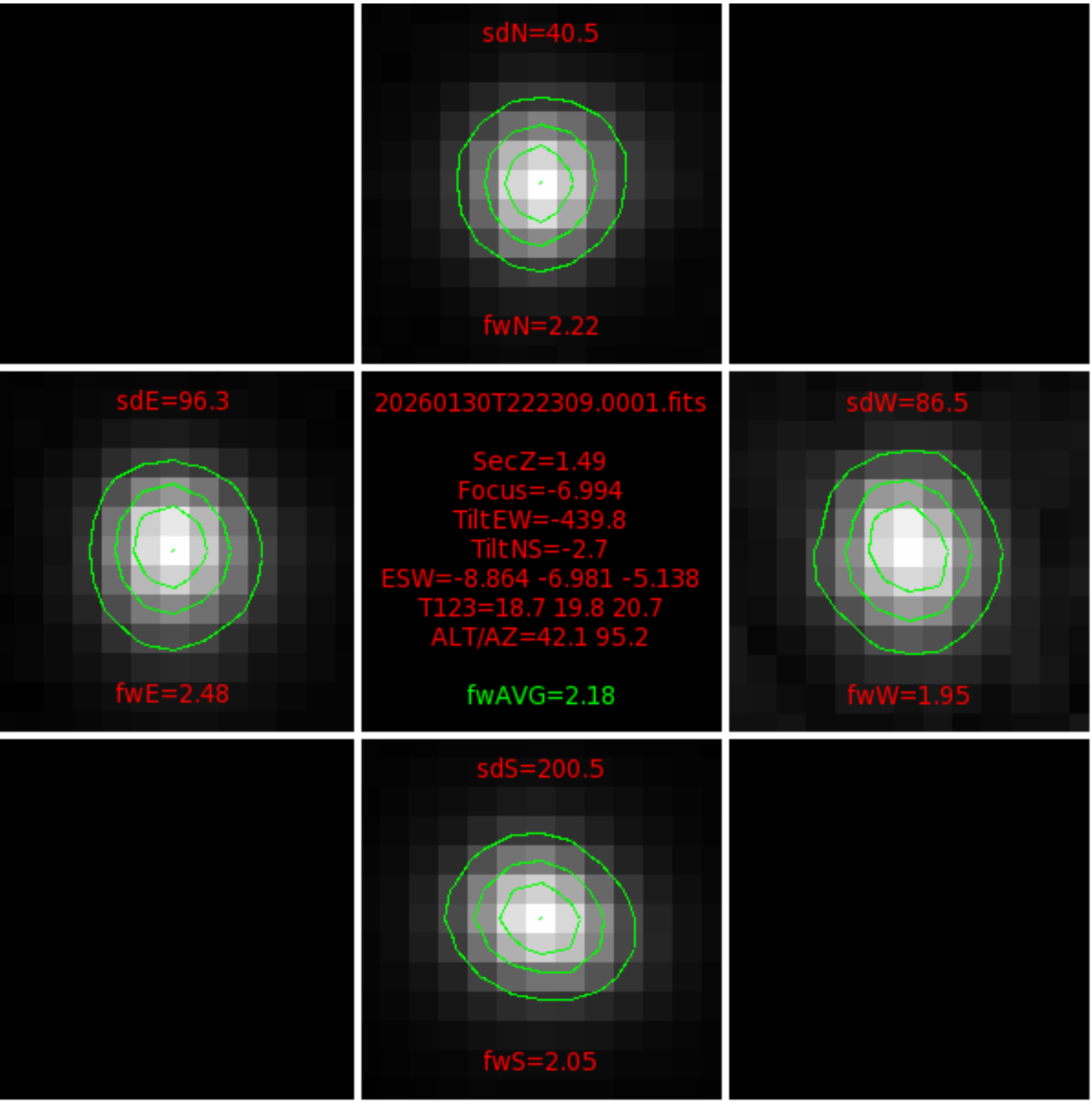

sdN=126.9
fwN=2.46
sdE=49.8
fwE=2.66
20260130T221648.0001.fits
SecZ=1.58
Focus=-7.000
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.870 -6.987 -5.144
T123=18.8 19.9 20.9
ALT/AZ=39.3 120.1
fwAVG=2.40
sdW=146.5
fwW=2.12
sdS=46.6
fwS=2.35
0 0 0 0 0 0 0 0 0

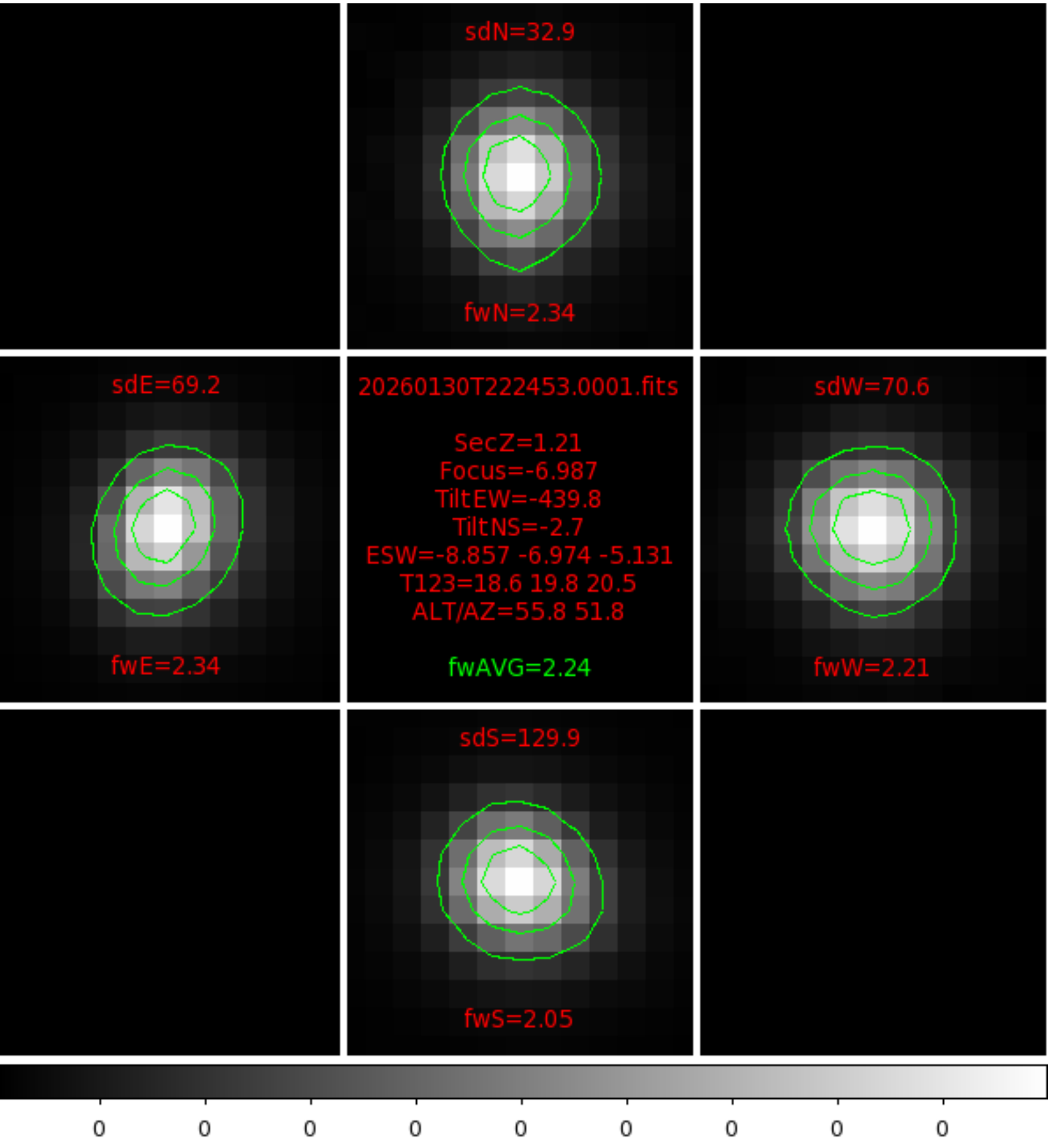

sdN=177.6
fwN=2.33
sdE=68.3
fwE=2.58
20260130T221814.0001.fits
SecZ=1.57
Focus=-7.000
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.870 -6.987 -5.144
T123=18.8 19.9 20.9
ALT/AZ=39.6 120.4
fwAVG=2.37
sdW=192.7
fwW=2.30
sdS=57.3
fwS=2.26
0 0 0 0 0 0 0 0 0

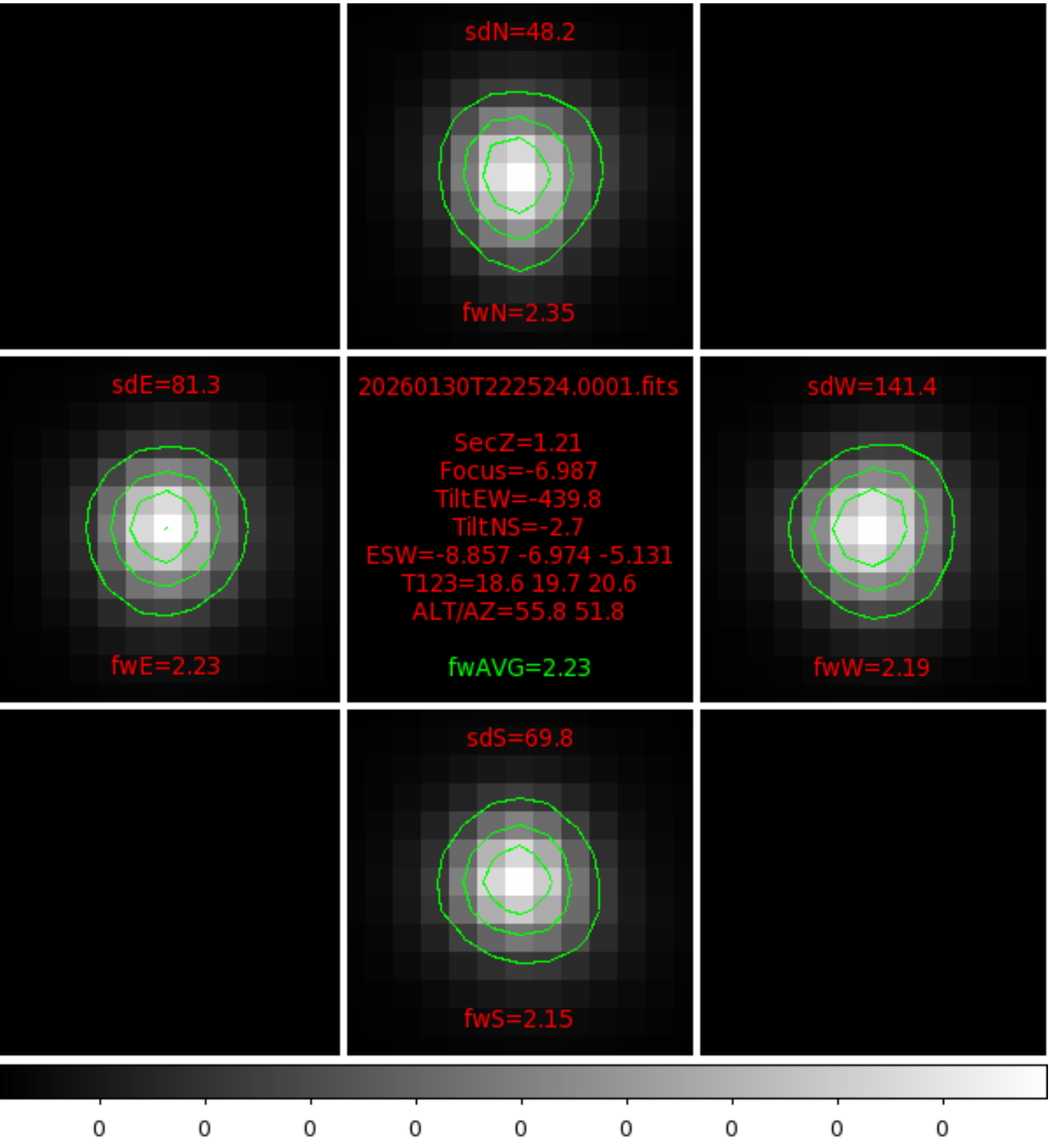

sdN=311.6
fwN=2.23
sdE=114.9
fwE=2.37
20260130T221844.0001.fits
SecZ=1.57
Focus=-7.000
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.870 -6.987 -5.144
T123=18.8 19.9 20.8
ALT/AZ=39.7 120.5
fwAVG=2.17
sdW=373.2
fwW=2.00
sdS=107.3
fwS=2.08
0 0 0 0 0 0 0 0 0

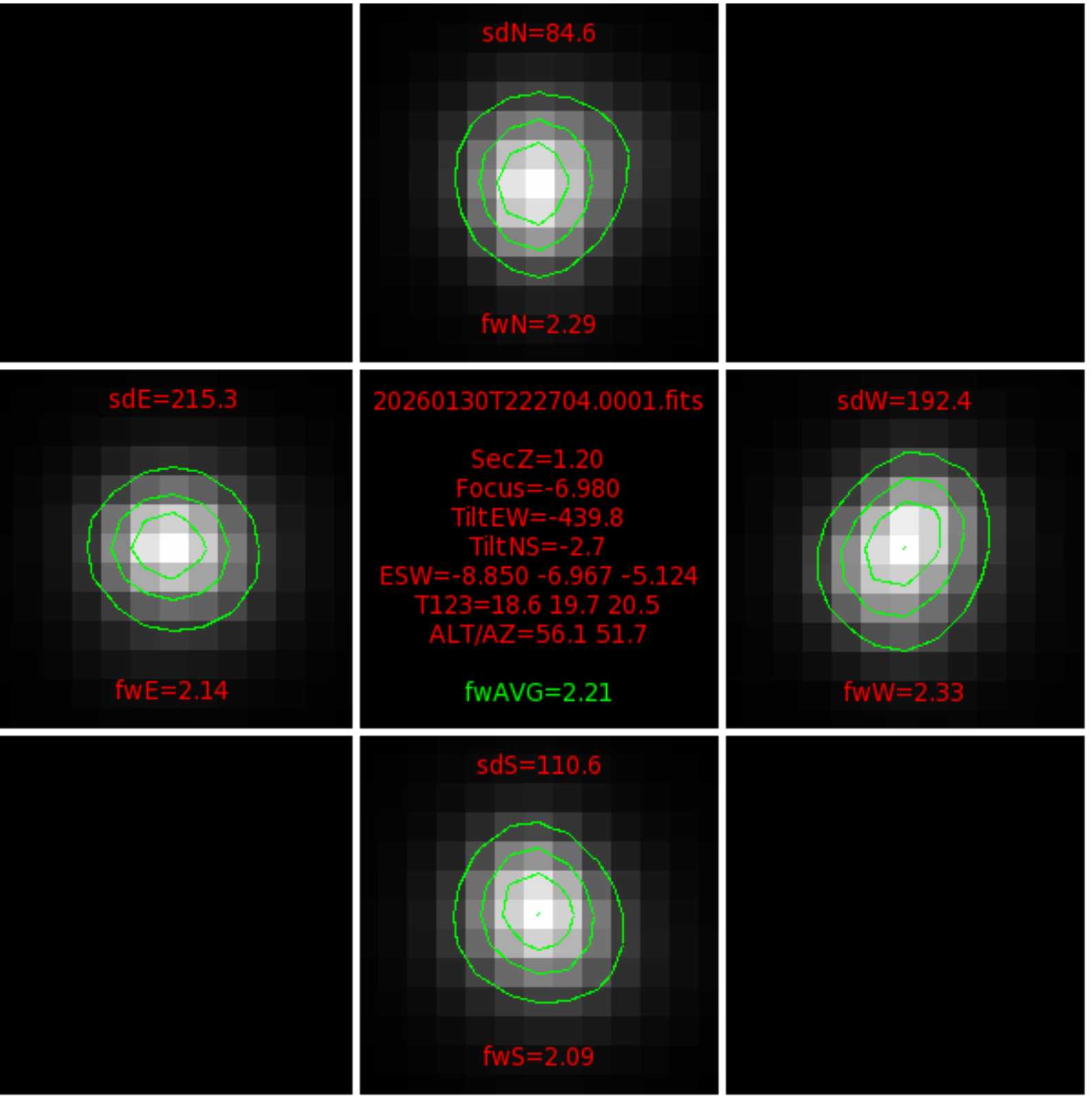

sdN=11.9
fwN=2.57
sdE=20.3
fwE=2.54
20260130T222044.0001.fits
SecZ=1.51
Focus=-6.994
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.864 -6.981 -5.138
T123=18.7 19.8 20.8
ALT/AZ=41.6 94.8
fwAVG=2.29
sdW=12.5
fwW=1.78
sdS=36.4
fwS=2.26
0 0 0 0 0 0 0 0 0

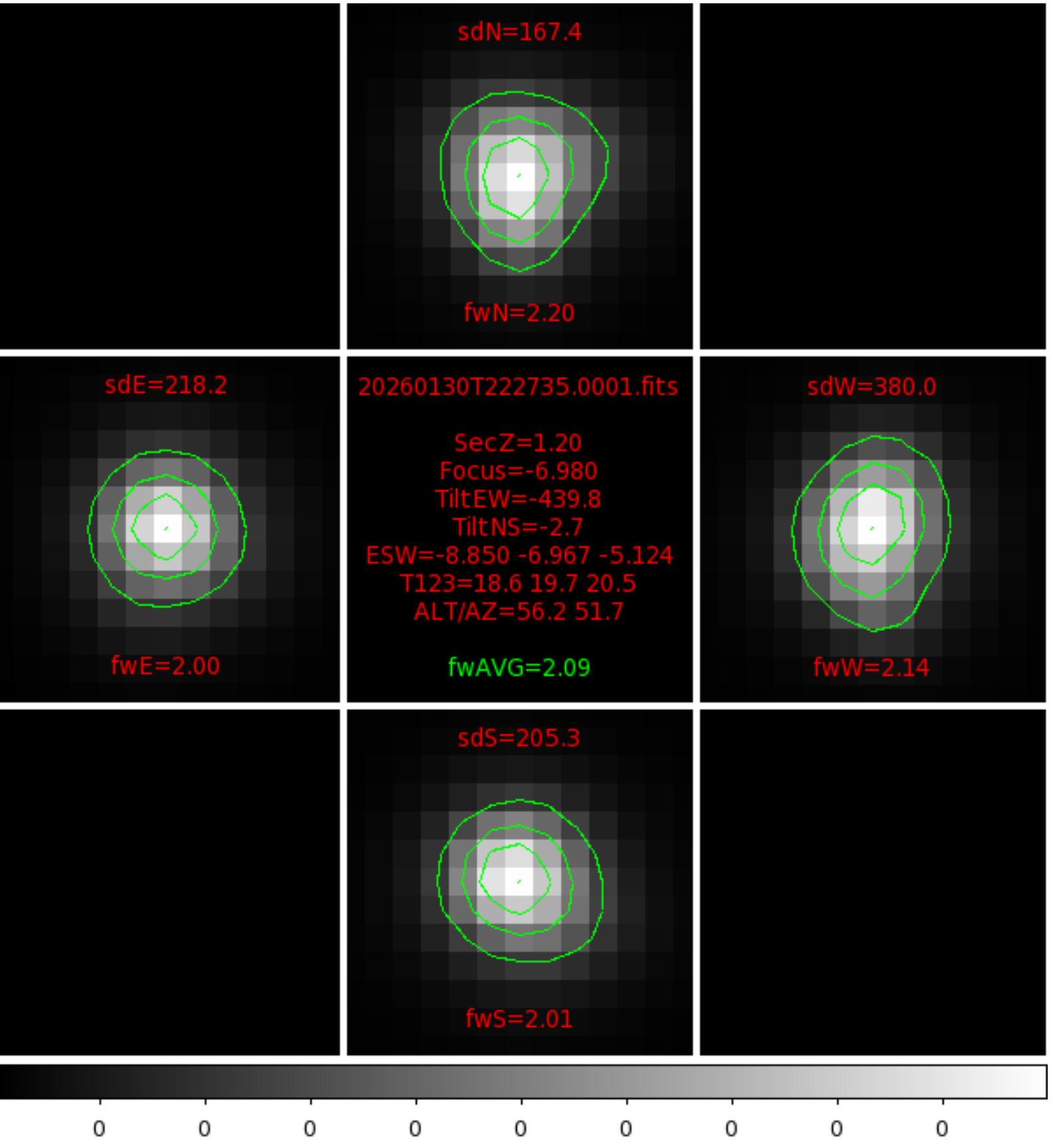

sdN=31.5
fwN=2.40
sdE=77.0
fwE=2.46
20260130T222239.0001.fits
SecZ=1.49
Focus=-6.994
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.864 -6.981 -5.138
T123=18.7 19.8 20.8
ALT/AZ=42.0 95.1
fwAVG=2.31
sdW=270.0
fwW=2.16
sdS=140.5
fwS=2.21
0 0 0 0 0 0 0 0 0

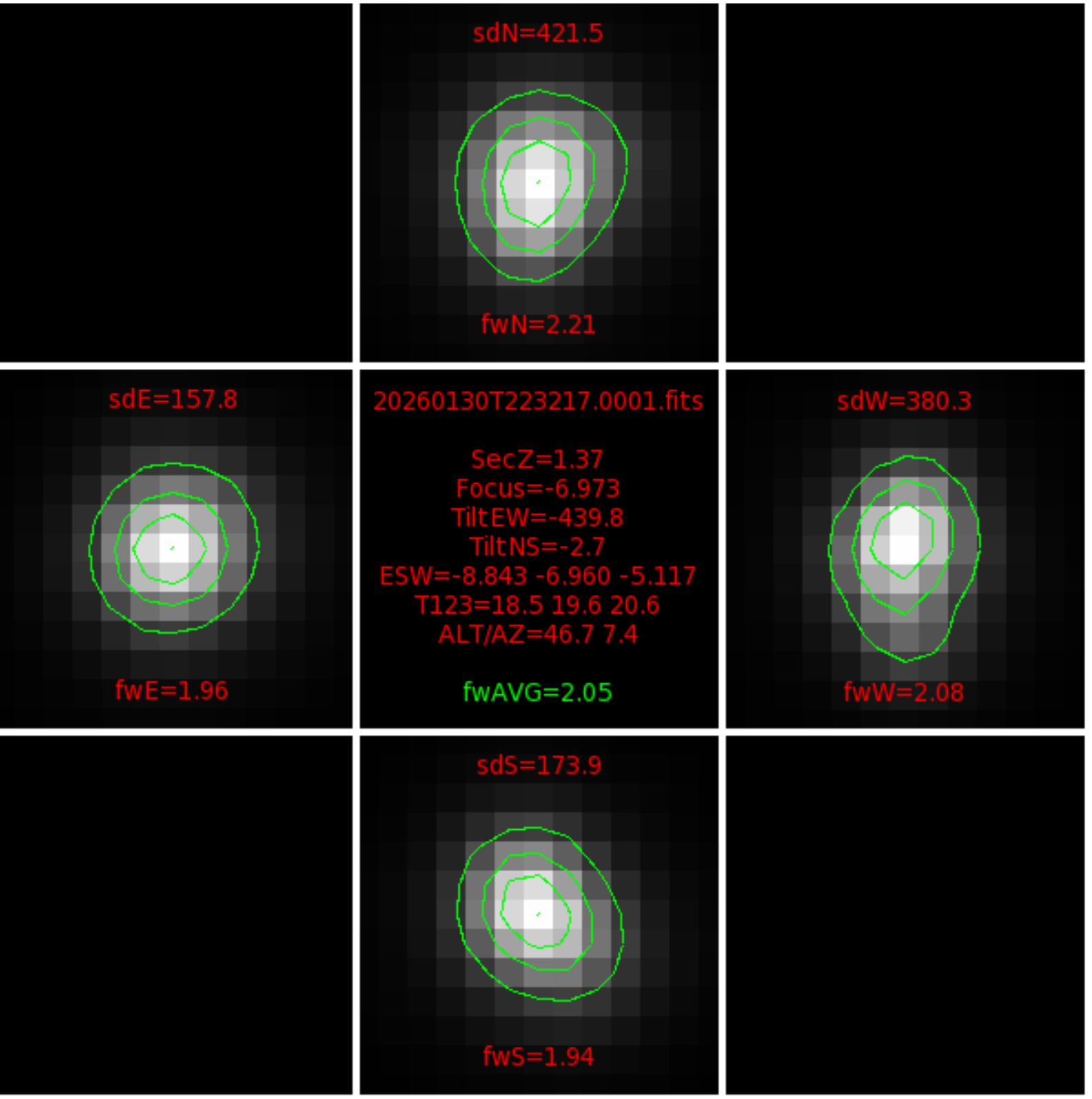

sdN=40.5
fwN=2.22
sdE=96.3
fwE=2.48
20260130T222309.0001.fits
SecZ=1.49
Focus=-6.994
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.864 -6.981 -5.138
T123=18.7 19.8 20.7
ALT/AZ=42.1 95.2
fwAVG=2.18
sdW=86.5
fwW=1.95
sdS=200.5
fwS=2.05
0 0 0 0 0 0 0 0 0

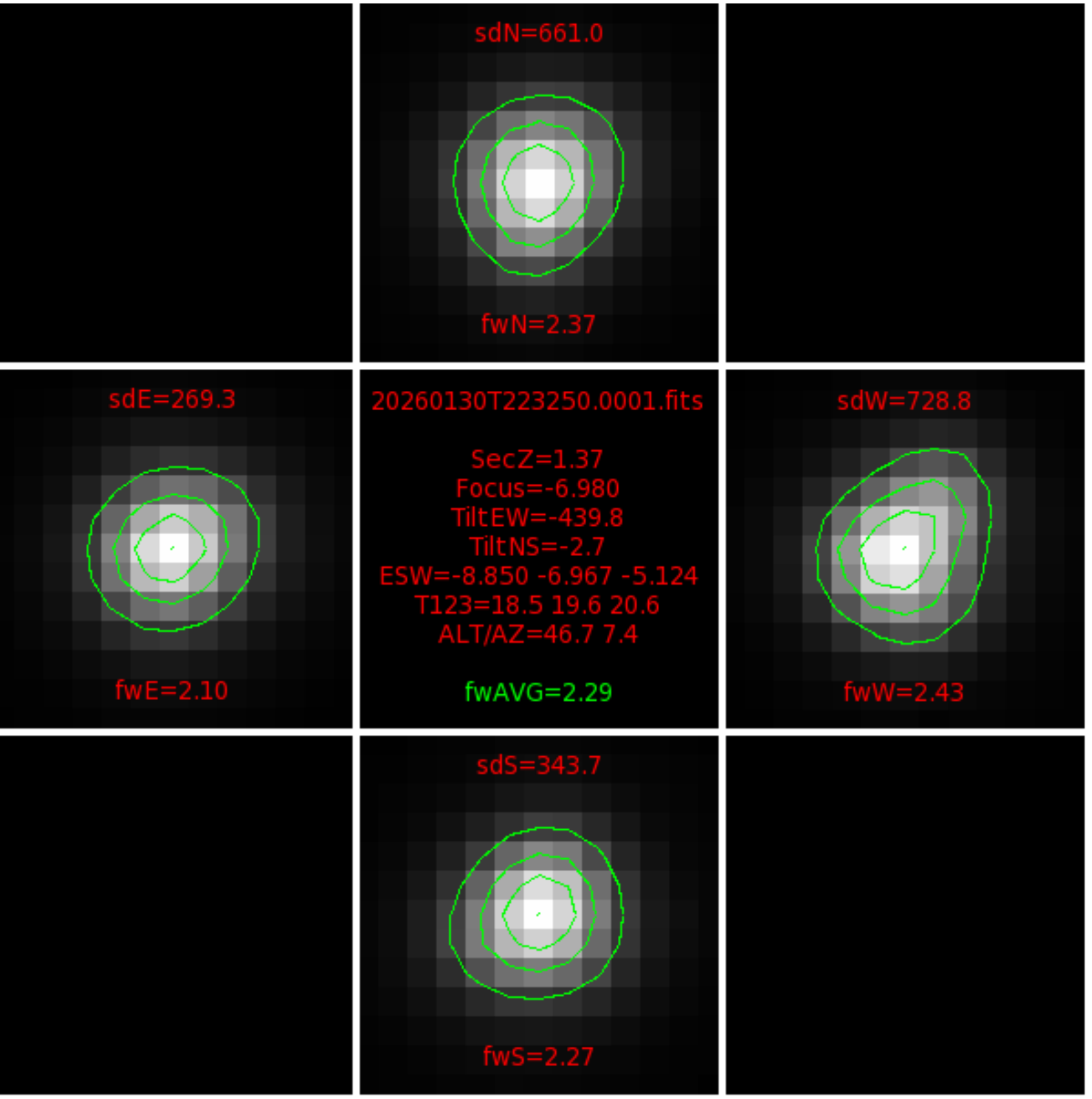

sdN=32.9
fwN=2.34
sdE=69.2
fwE=2.34
20260130T222453.0001.fits
SecZ=1.21
Focus=-6.987
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.857 -6.974 -5.131
T123=18.6 19.8 20.5
ALT/AZ=55.8 51.8
fwAVG=2.24
sdW=70.6
fwW=2.21
sdS=129.9
fwS=2.05
0 0 0 0 0 0 0 0 0

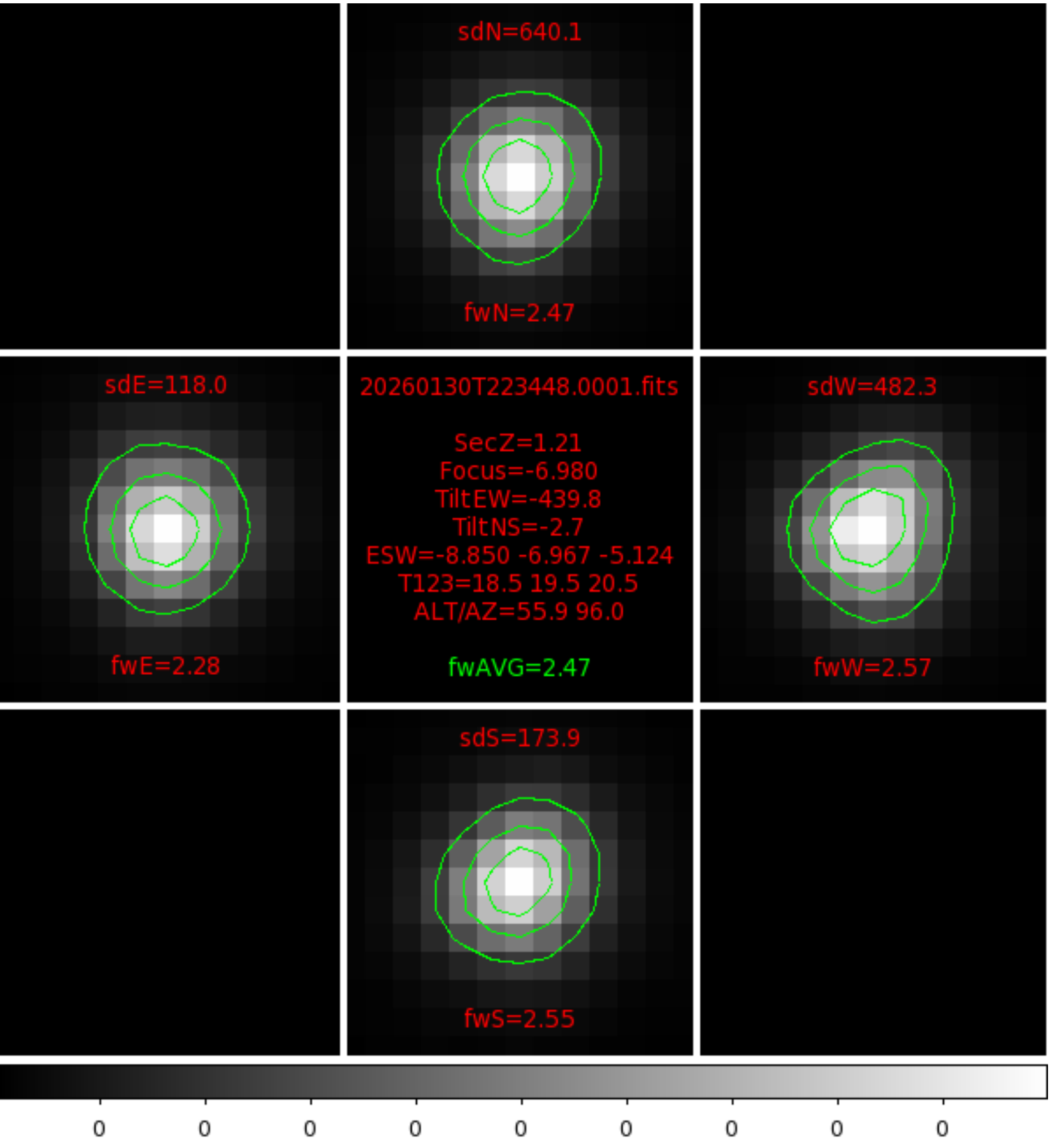

sdN=48.2
fwN=2.35
sdE=81.3
fwE=2.23
20260130T222524.0001.fits
SecZ=1.21
Focus=-6.987
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.857 -6.974 -5.131
T123=18.6 19.7 20.6
ALT/AZ=55.8 51.8
fwAVG=2.23
sdW=141.4
fwW=2.19
sdS=69.8
fwS=2.15
0 0 0 0 0 0 0 0 0

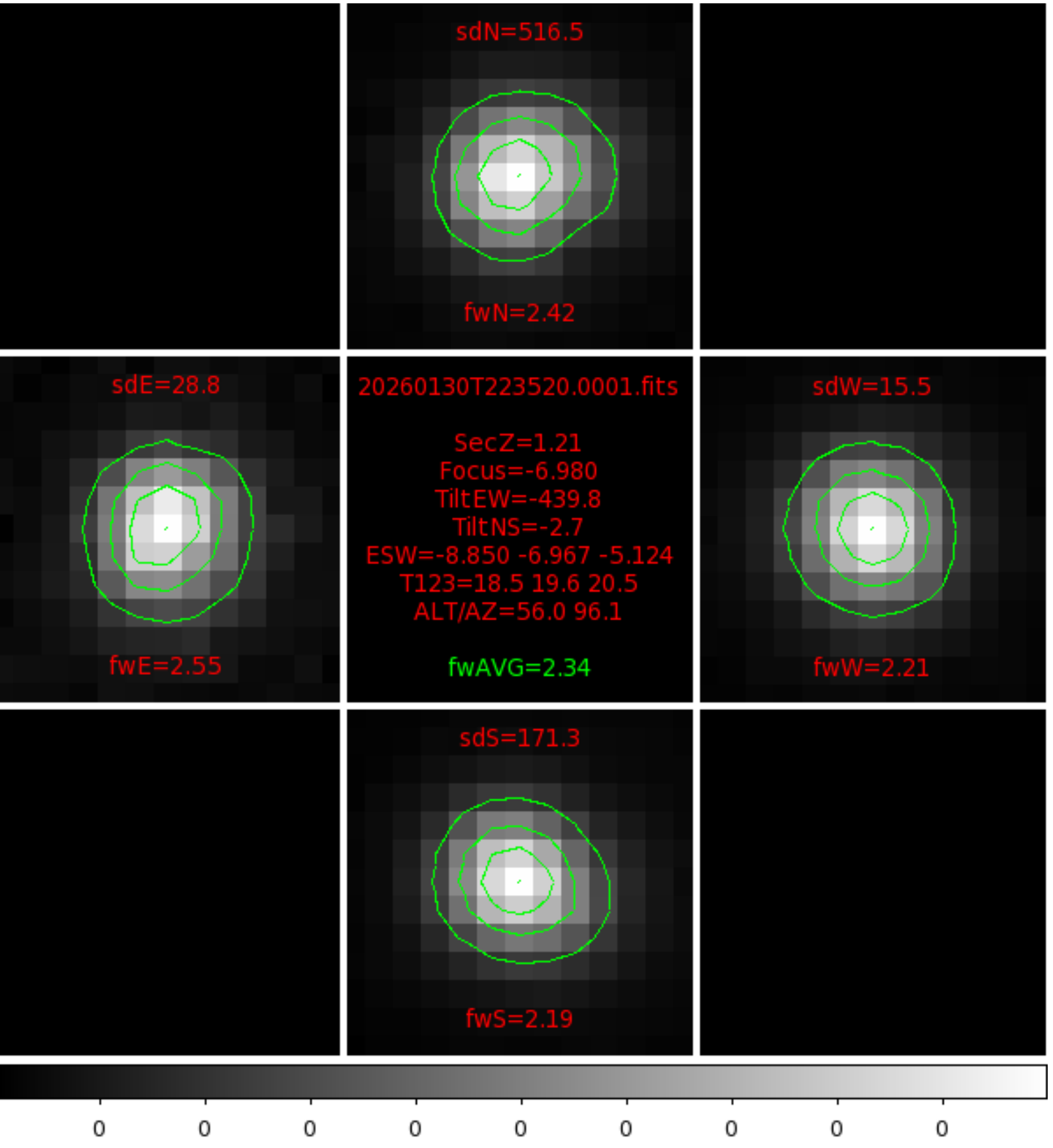

sdN=84.6
fwN=2.29
sdE=215.3
fwE=2.14
20260130T222704.0001.fits
SecZ=1.20
Focus=-6.980
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.850 -6.967 -5.124
T123=18.6 19.7 20.5
ALT/AZ=56.1 51.7
fwAVG=2.21
sdW=192.4
fwW=2.33
sdS=110.6
fwS=2.09
0 0 0 0 0 0 0 0 0

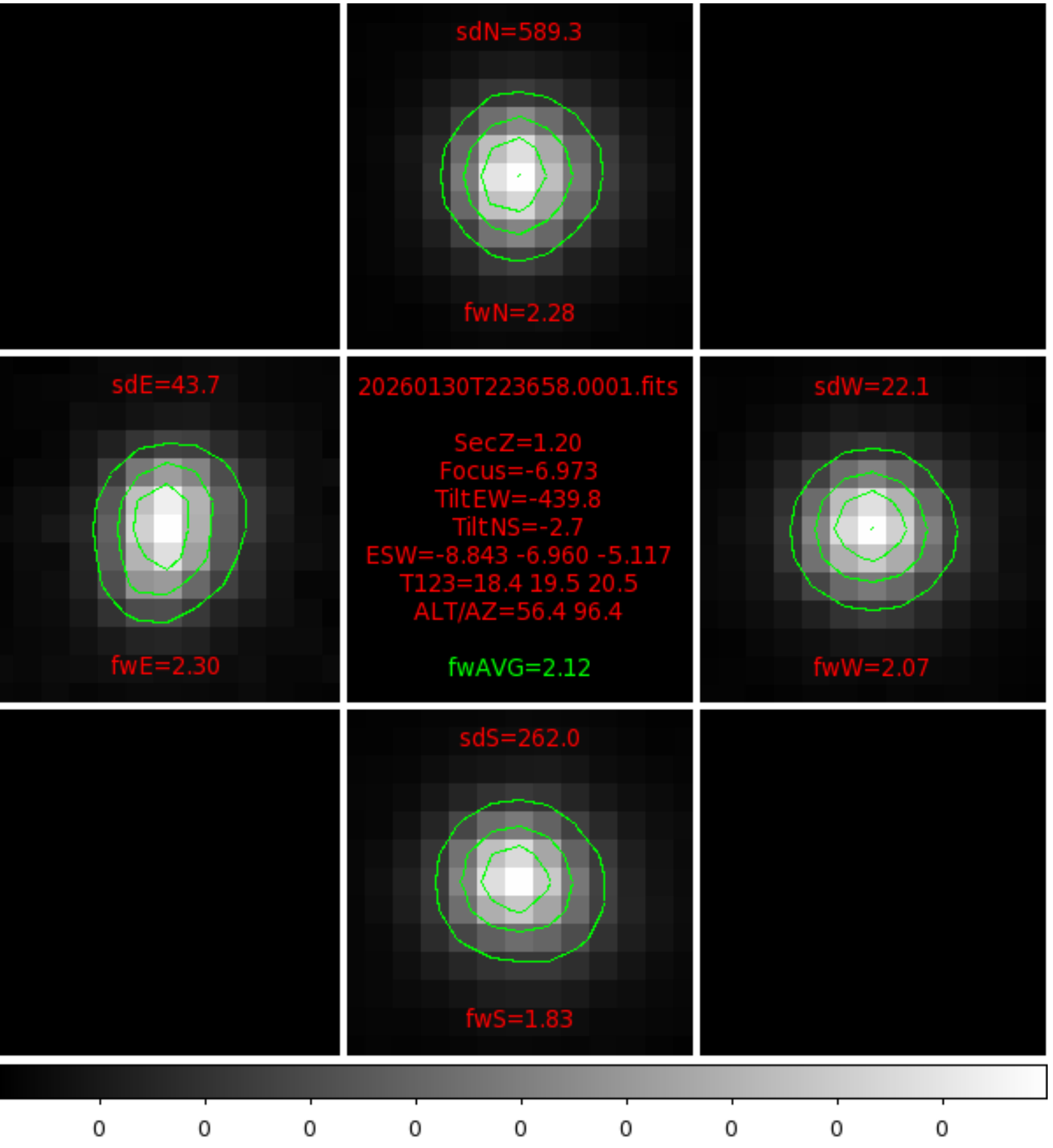

sdN=167.4
fwN=2.20
sdE=218.2
fwE=2.00
20260130T222735.0001.fits
SecZ=1.20
Focus=-6.980
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.850 -6.967 -5.124
T123=18.6 19.7 20.5
ALT/AZ=56.2 51.7
fwAVG=2.09
sdW=380.0
fwW=2.14
sdS=205.3
fwS=2.01
0 0 0 0 0 0 0 0 0

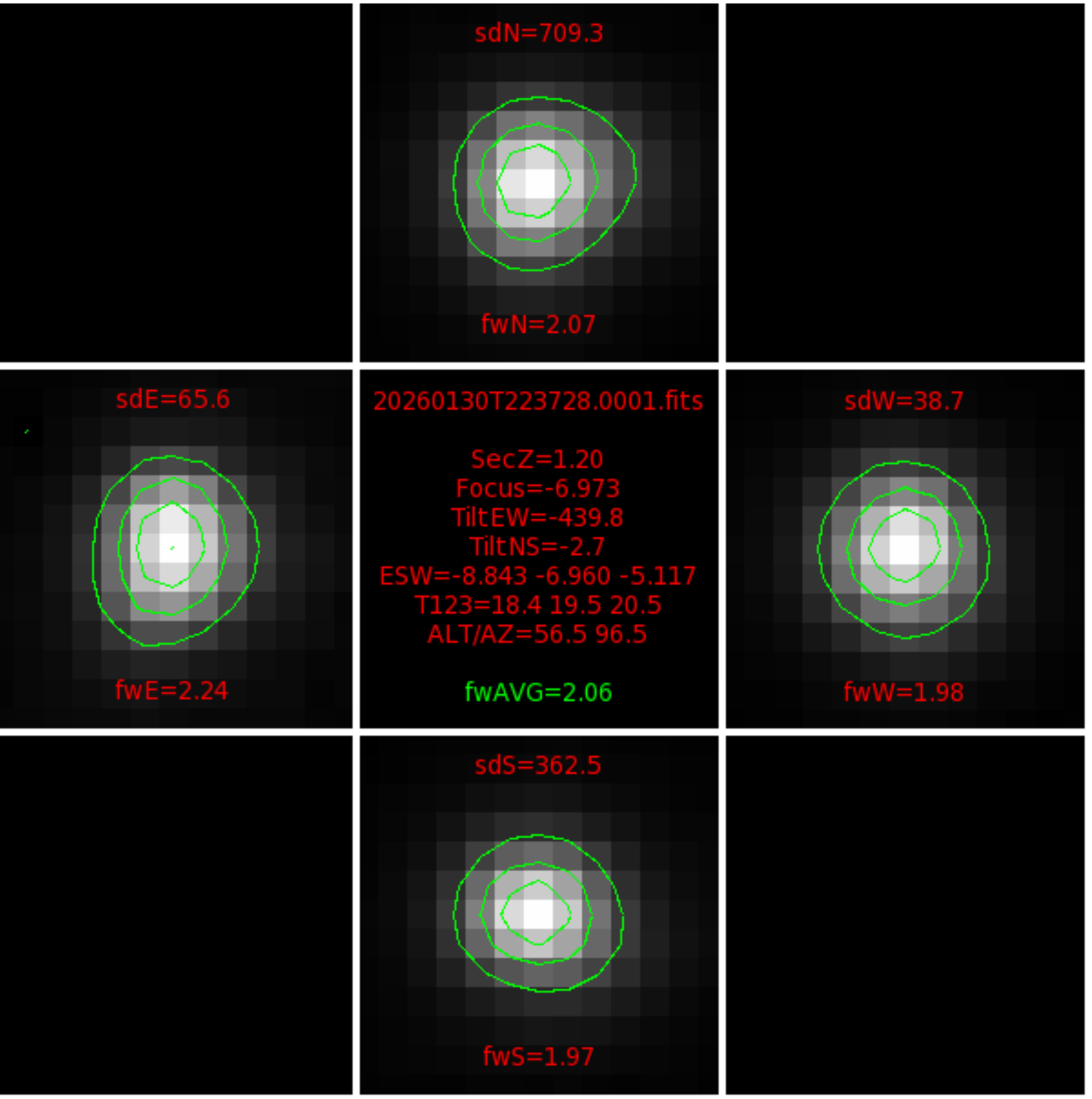

sdN=421.5
fwN=2.21
sdE=157.8
fwE=1.96
20260130T223217.0001.fits
SecZ=1.37
Focus=-6.973
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.843 -6.960 -5.117
T123=18.5 19.6 20.6
ALT/AZ=46.7 7.4
fwAVG=2.05
sdW=380.3
fwW=2.08
sdS=173.9
fwS=1.94
0 0 0 0 0 0 0 0 0

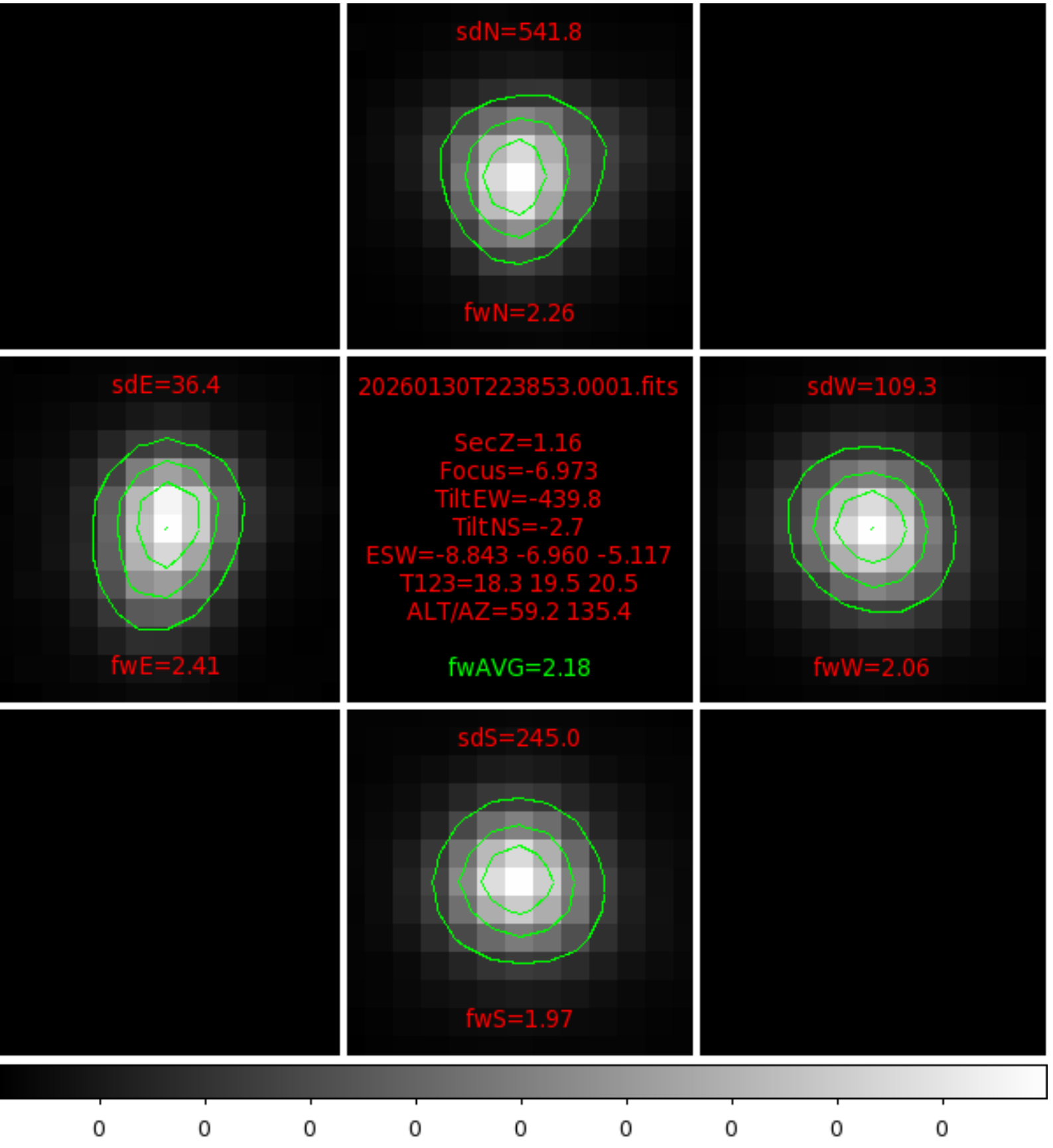

sdN=661.0
fwN=2.37
sdE=269.3
fwE=2.10
20260130T223250.0001.fits
SecZ=1.37
Focus=-6.980
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.850 -6.967 -5.124
T123=18.5 19.6 20.6
ALT/AZ=46.7 7.4
fwAVG=2.29
sdW=728.8
fwW=2.43
sdS=343.7
fwS=2.27
0 0 0 0 0 0 0 0 0

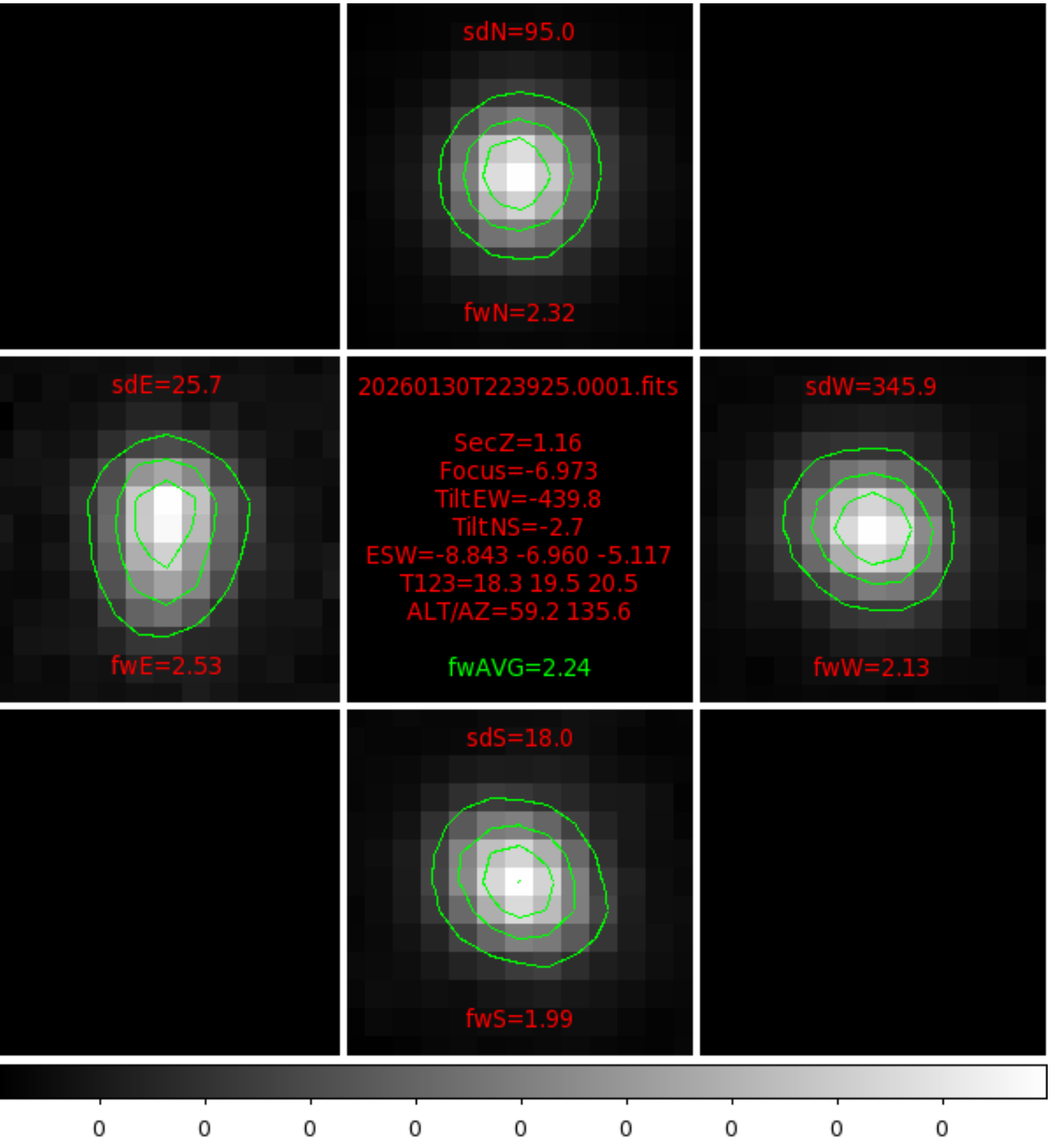

sdN=640.1
fwN=2.47
sdE=118.0
fwE=2.28
20260130T223448.0001.fits
SecZ=1.21
Focus=-6.980
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.850 -6.967 -5.124
T123=18.5 19.5 20.5
ALT/AZ=55.9 96.0
fwAVG=2.47
sdW=482.3
fwW=2.57
sdS=173.9
fwS=2.55
0 0 0 0 0 0 0 0 0

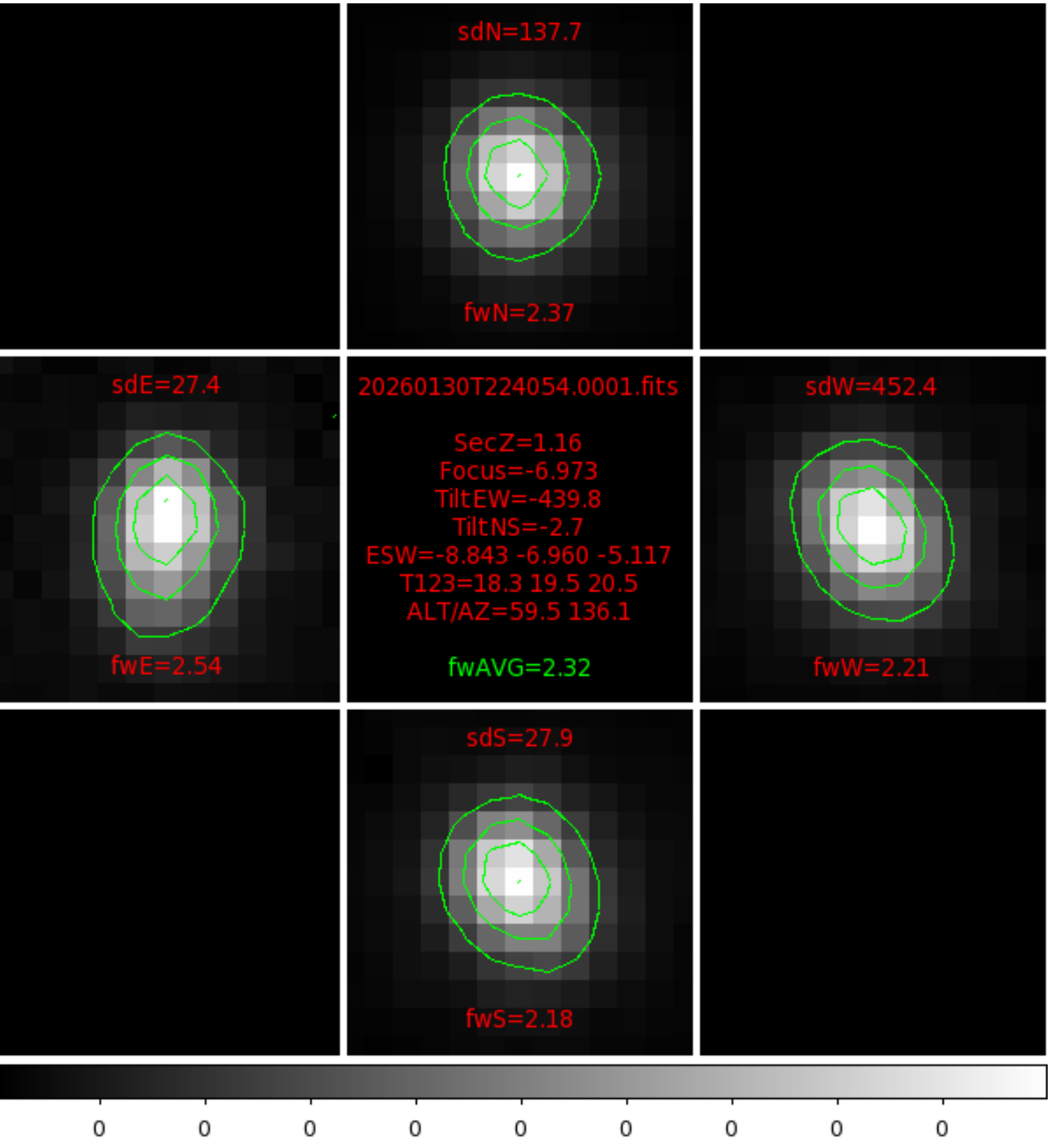

sdN=516.5
fwN=2.42
sdE=28.8
fwE=2.55
20260130T223520.0001.fits
SecZ=1.21
Focus=-6.980
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.850 -6.967 -5.124
T123=18.5 19.6 20.5
ALT/AZ=56.0 96.1
fwAVG=2.34
sdW=15.5
fwW=2.21
sdS=171.3
fwS=2.19
0 0 0 0 0 0 0 0 0

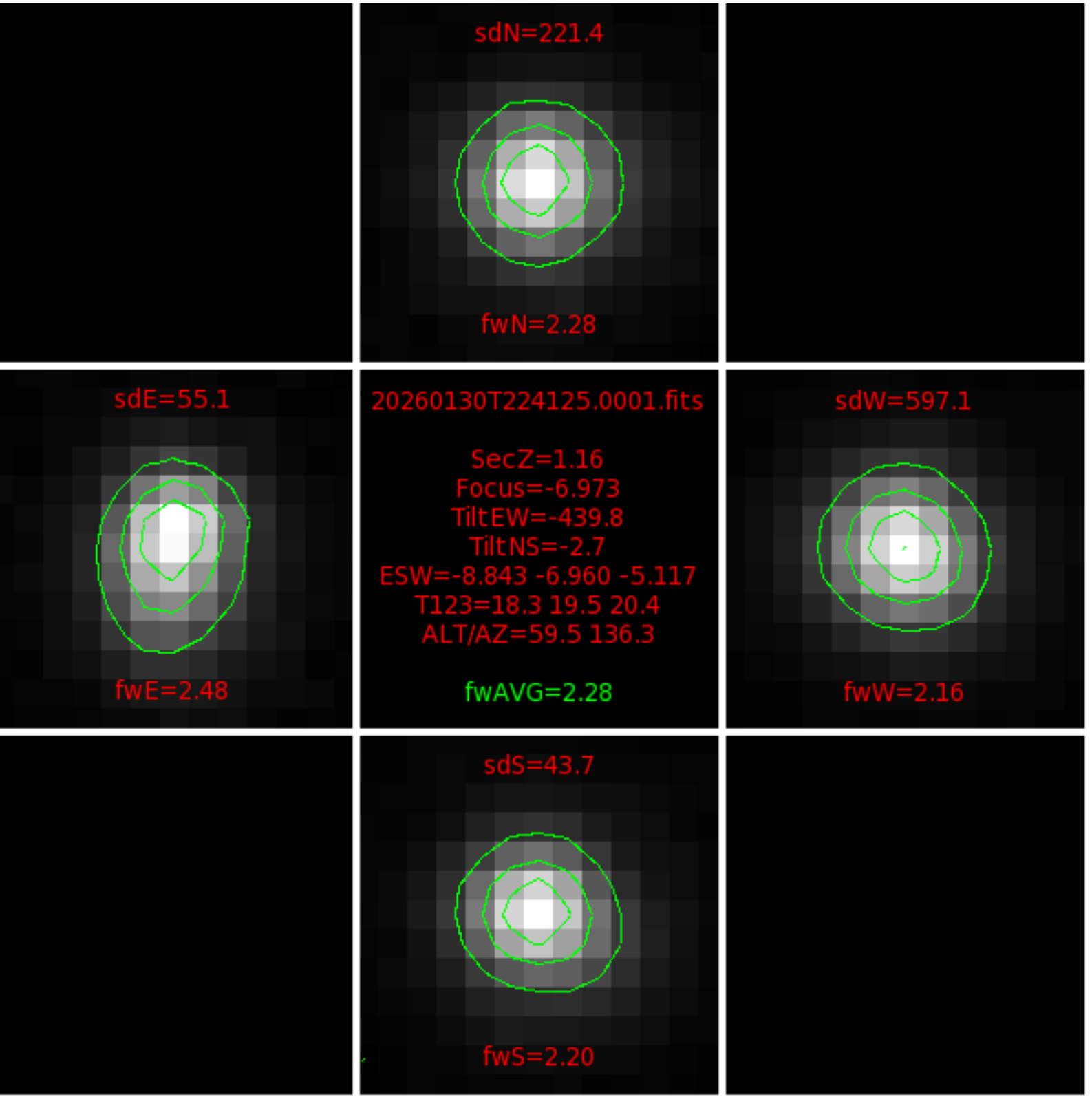

sdN=589.3
fwN=2.28
sdE=43.7
fwE=2.30
20260130T223658.0001.fits
SecZ=1.20
Focus=-6.973
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.843 -6.960 -5.117
T123=18.4 19.5 20.5
ALT/AZ=56.4 96.4
fwAVG=2.12
sdW=22.1
fwW=2.07
sdS=262.0
fwS=1.83
0 0 0 0 0 0 0 0 0

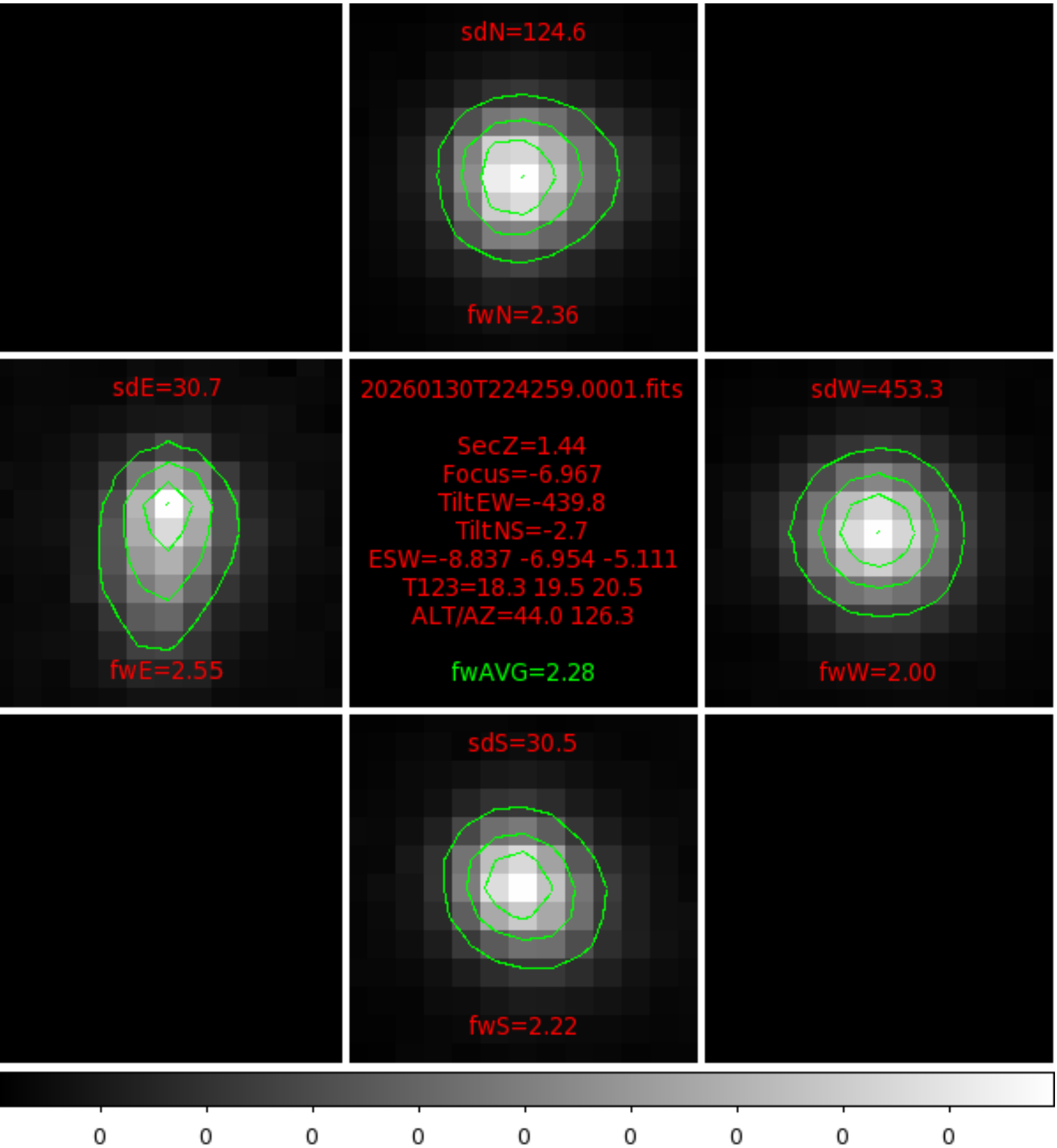

sdN=709.3
fwN=2.07
sdE=65.6
fwE=2.24
20260130T223728.0001.fits
SecZ=1.20
Focus=-6.973
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.843 -6.960 -5.117
T123=18.4 19.5 20.5
ALT/AZ=56.5 96.5
fwAVG=2.06
sdW=38.7
fwW=1.98
sdS=362.5
fwS=1.97
0 0 0 0 0 0 0 0 0

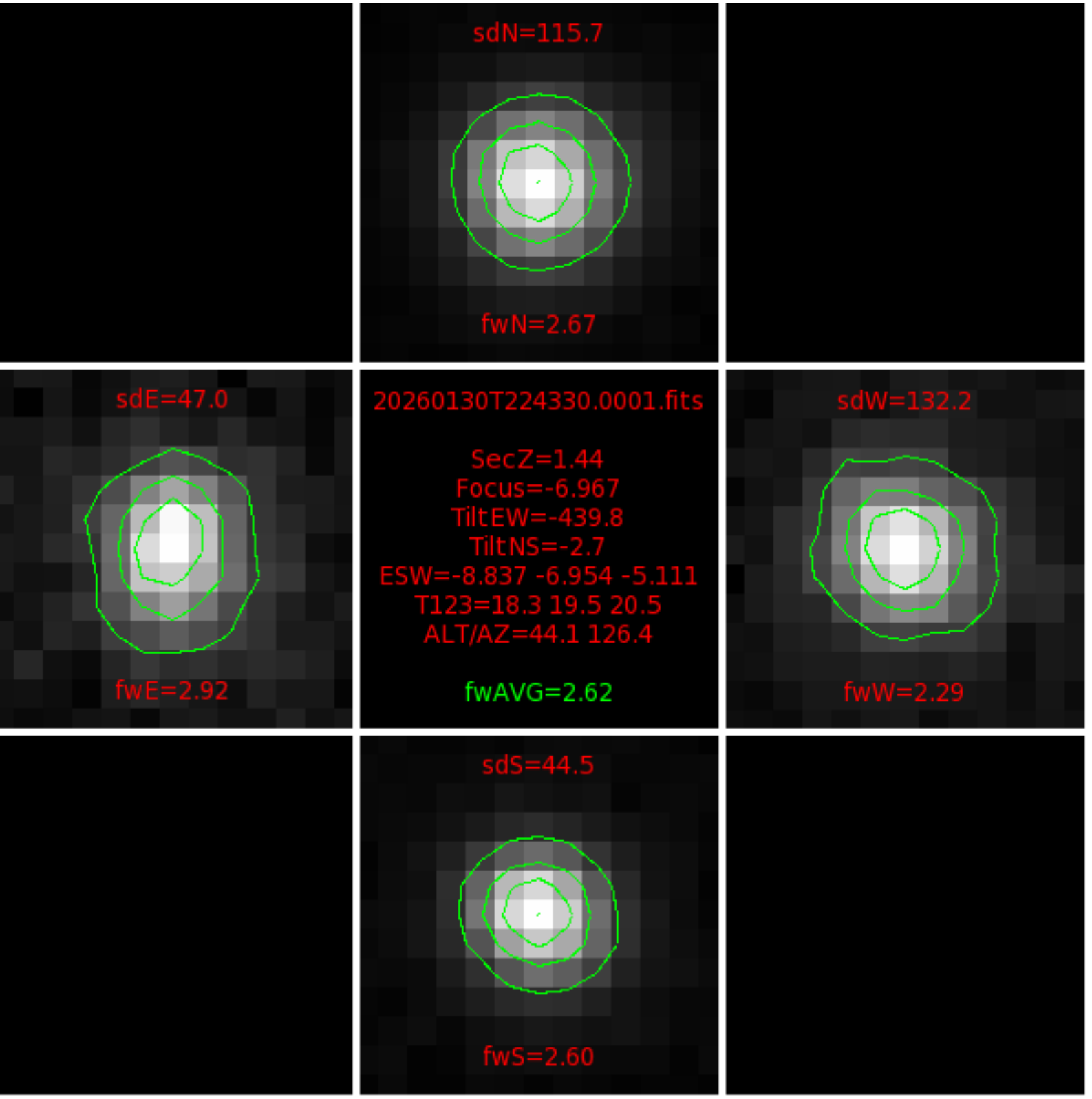

sdN=541.8
fwN=2.26
sdE=36.4
fwE=2.41
20260130T223853.0001.fits
SecZ=1.16
Focus=-6.973
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.843 -6.960 -5.117
T123=18.3 19.5 20.5
ALT/AZ=59.2 135.4
fwAVG=2.18
sdW=109.3
fwW=2.06
sdS=245.0
fwS=1.97
0 0 0 0 0 0 0 0 0

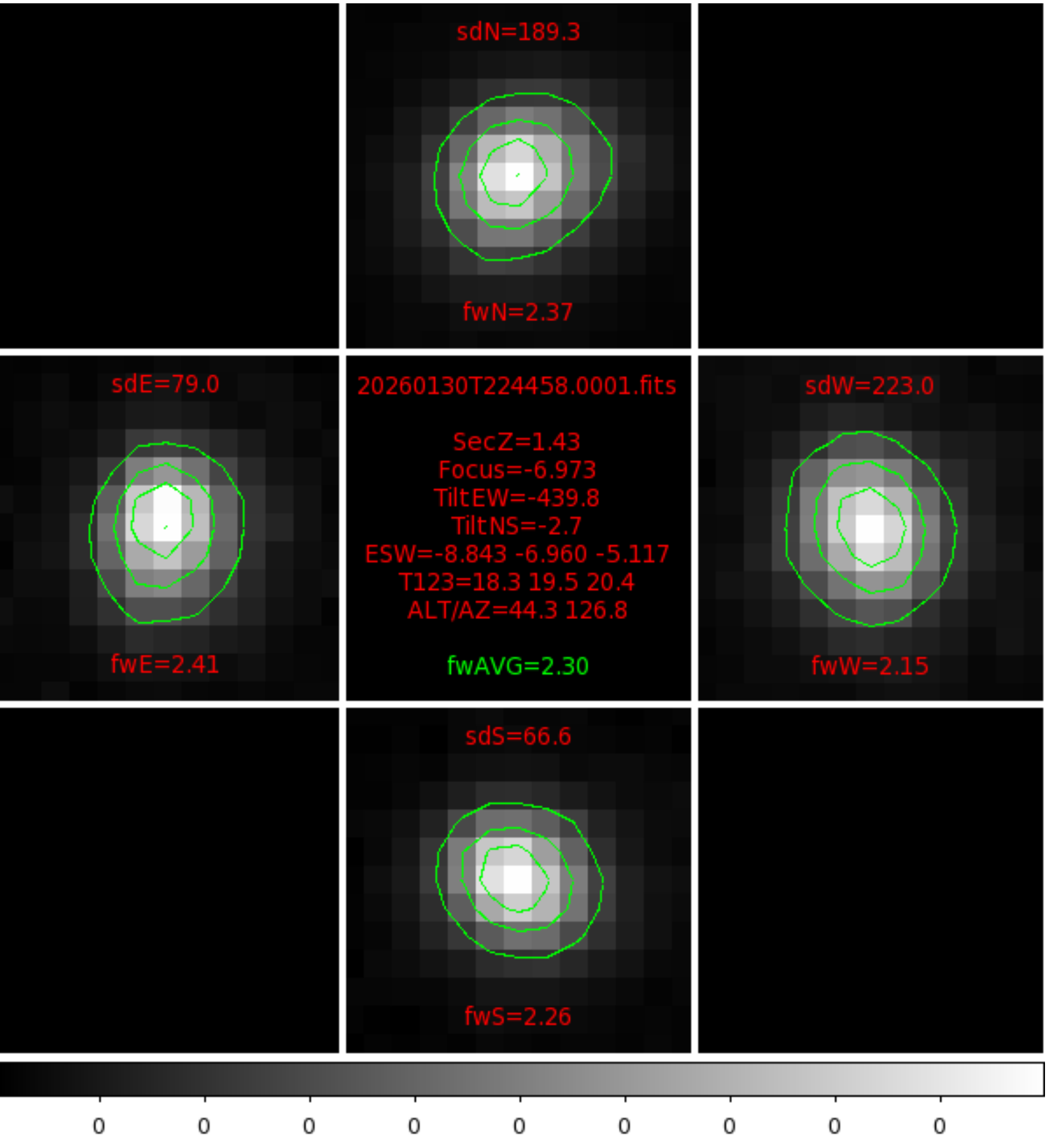

sdN=95.0
fwN=2.32
sdE=25.7
fwE=2.53
20260130T223925.0001.fits
SecZ=1.16
Focus=-6.973
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.843 -6.960 -5.117
T123=18.3 19.5 20.5
ALT/AZ=59.2 135.6
fwAVG=2.24
sdW=345.9
fwW=2.13
sdS=18.0
fwS=1.99
0 0 0 0 0 0 0 0 0

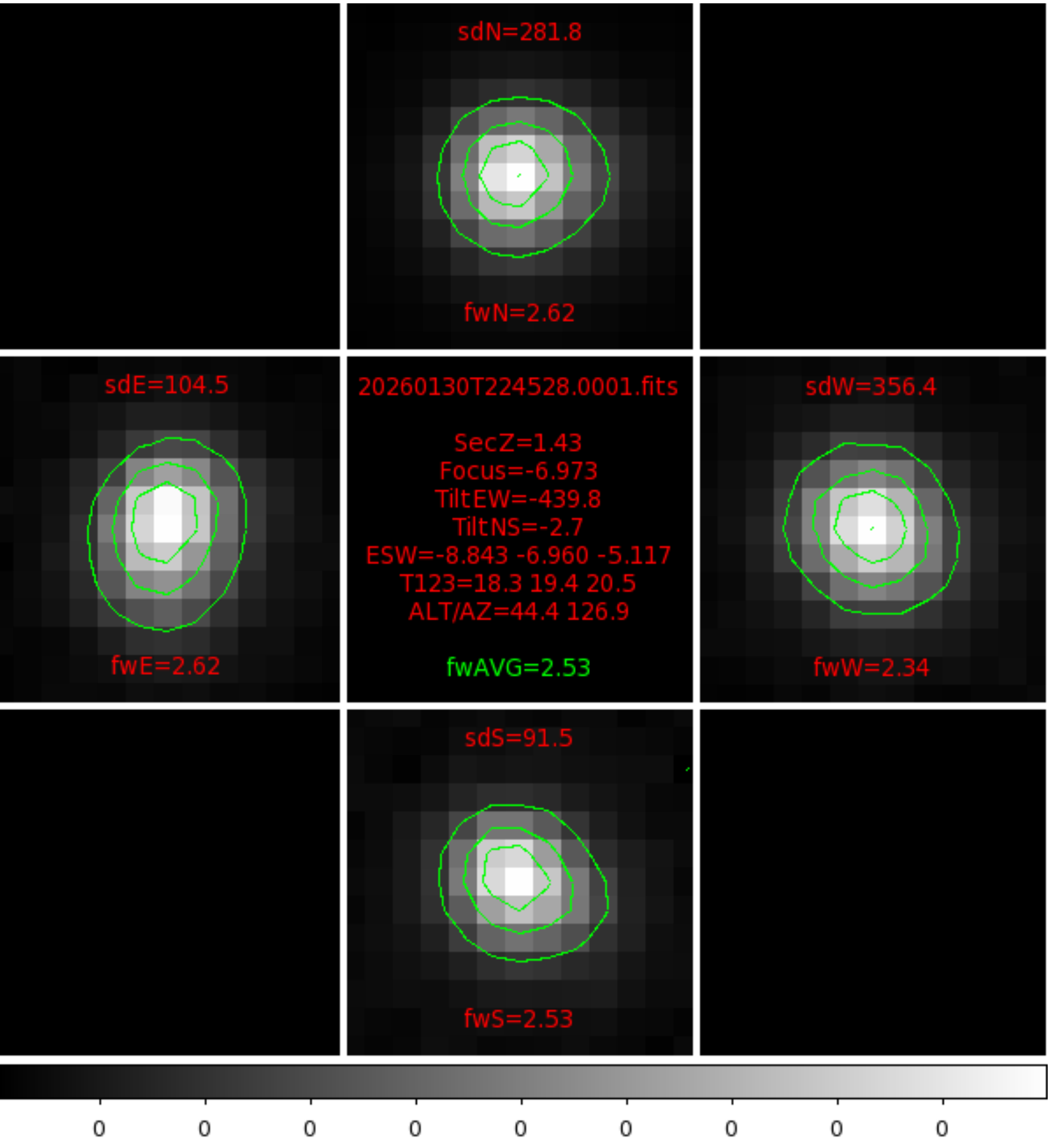

sdN=137.7
fwN=2.37
sdE=27.4
fwE=2.54
20260130T224054.0001.fits
SecZ=1.16
Focus=-6.973
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.843 -6.960 -5.117
T123=18.3 19.5 20.5
ALT/AZ=59.5 136.1
fwAVG=2.32
sdW=452.4
fwW=2.21
sdS=27.9
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=221.4
fwN=2.28
sdE=55.1
fwE=2.48
20260130T224125.0001.fits
SecZ=1.16
Focus=-6.973
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.843 -6.960 -5.117
T123=18.3 19.5 20.4
ALT/AZ=59.5 136.3
fwAVG=2.28
sdW=597.1
fwW=2.16
sdS=43.7
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=124.6
fwN=2.36
sdE=30.7
fwE=2.55
20260130T224259.0001.fits
SecZ=1.44
Focus=-6.967
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.837 -6.954 -5.111
T123=18.3 19.5 20.5
ALT/AZ=44.0 126.3
fwAVG=2.28
sdW=453.3
fwW=2.00
sdS=30.5
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=115.7
fwN=2.67
sdE=47.0
fwE=2.92
20260130T224330.0001.fits
SecZ=1.44
Focus=-6.967
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.837 -6.954 -5.111
T123=18.3 19.5 20.5
ALT/AZ=44.1 126.4
fwAVG=2.62
sdW=132.2
fwW=2.29
sdS=44.5
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=189.3
fwN=2.37
sdE=79.0
fwE=2.41
20260130T224458.0001.fits
SecZ=1.43
Focus=-6.973
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.843 -6.960 -5.117
T123=18.3 19.5 20.4
ALT/AZ=44.3 126.8
fwAVG=2.30
sdW=223.0
fwW=2.15
sdS=66.6
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=281.8
fwN=2.62
sdE=104.5
fwE=2.62
20260130T224528.0001.fits
SecZ=1.43
Focus=-6.973
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.843 -6.960 -5.117
T123=18.3 19.4 20.5
ALT/AZ=44.4 126.9
fwAVG=2.53
sdW=356.4
fwW=2.34
sdS=91.5
fwS=2.53
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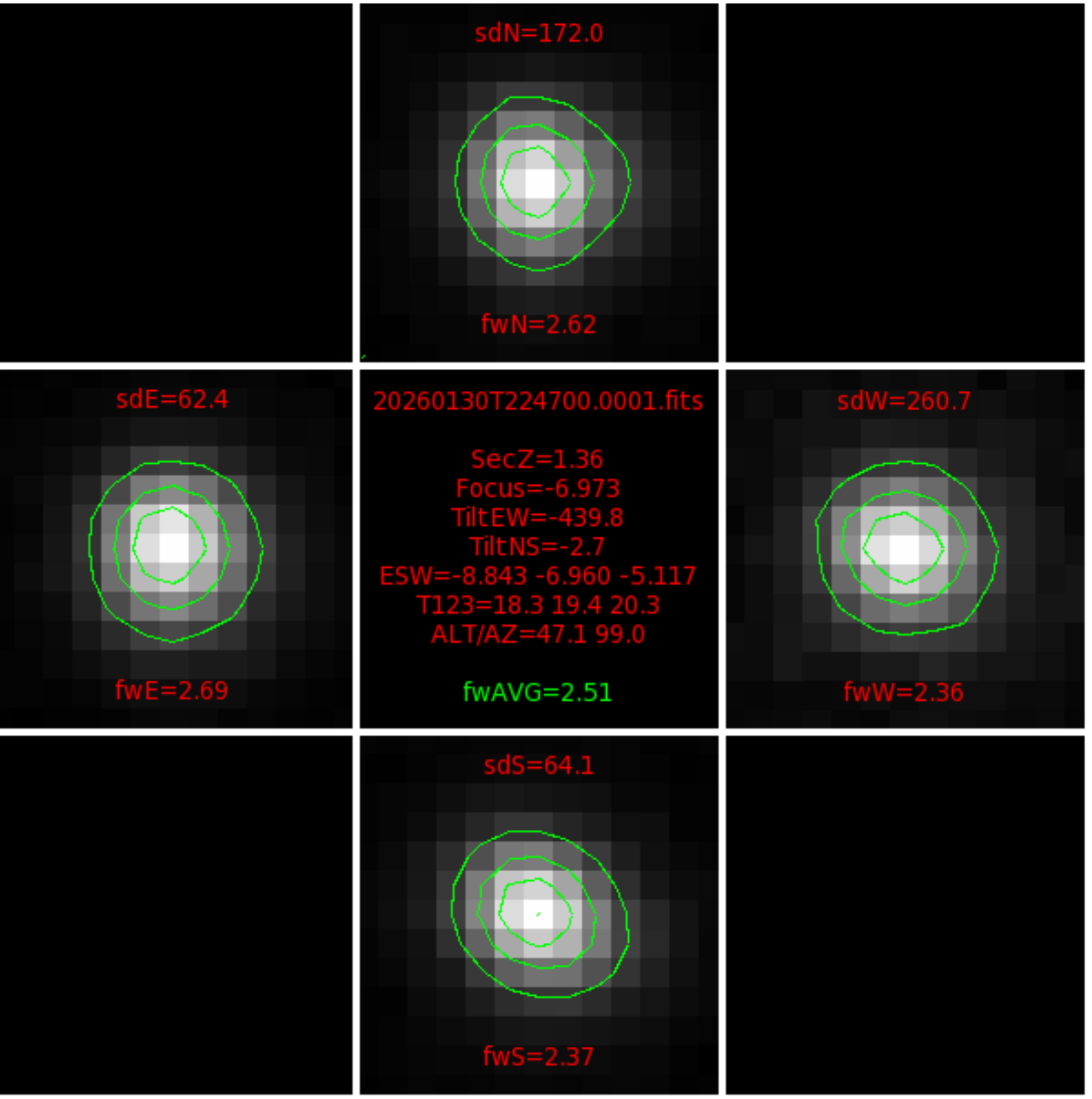
sdN=172.0
fwN=2.62
sdE=62.4
fwE=2.69
20260130T224700.0001.fits
SecZ=1.36
Focus=-6.973
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.843 -6.960 -5.117
T123=18.3 19.4 20.3
ALT/AZ=47.1 99.0
fwAVG=2.51
sdW=260.7
fwW=2.36
sdS=64.1
fwS=2.37
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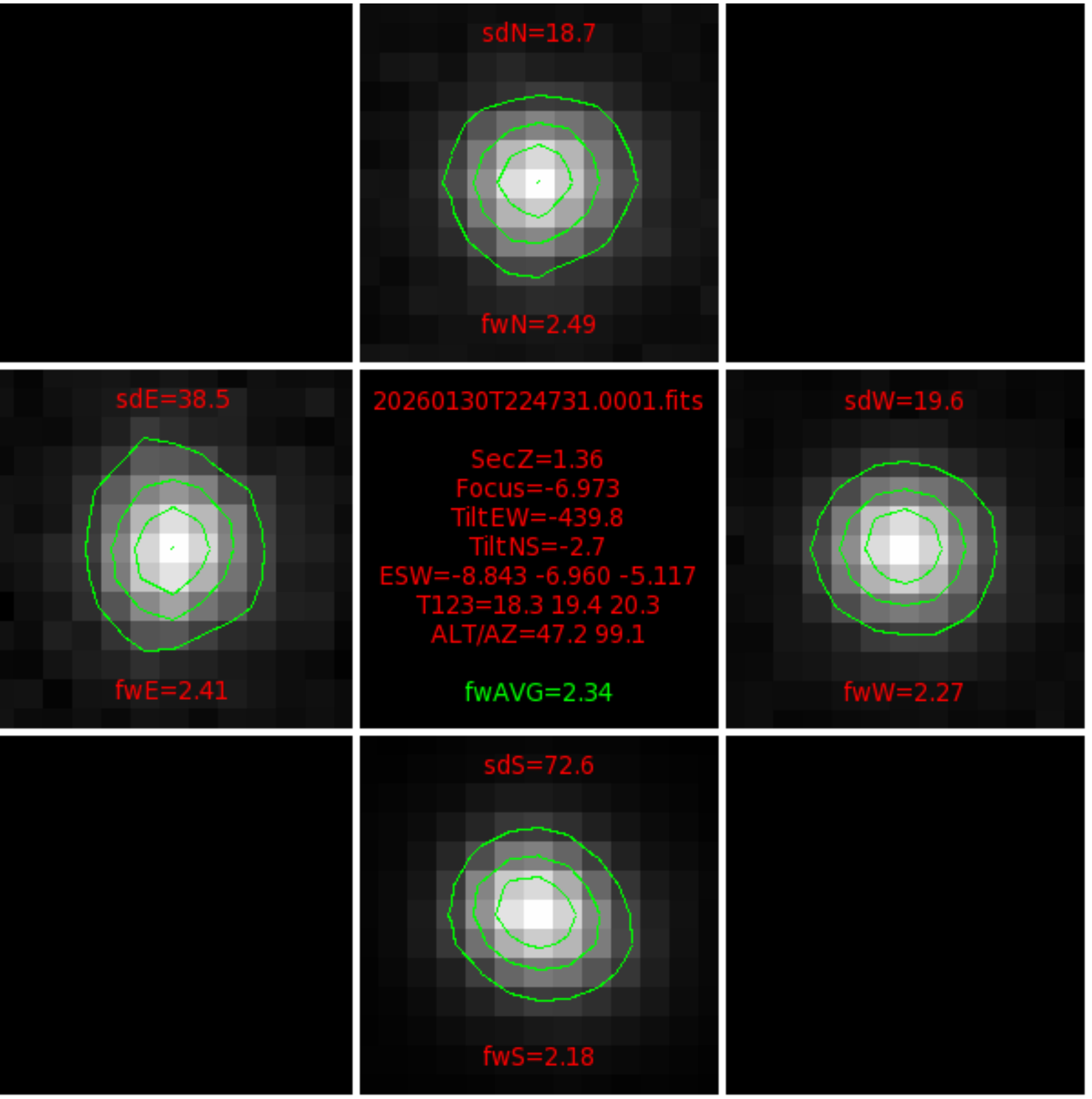
sdN=18.7
fwN=2.49
sdE=38.5
fwE=2.41
20260130T224731.0001.fits
SecZ=1.36
Focus=-6.973
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.843 -6.960 -5.117
T123=18.3 19.4 20.3
ALT/AZ=47.2 99.1
fwAVG=2.34
sdW=19.6
fwW=2.27
sdS=72.6
fwS=2.18
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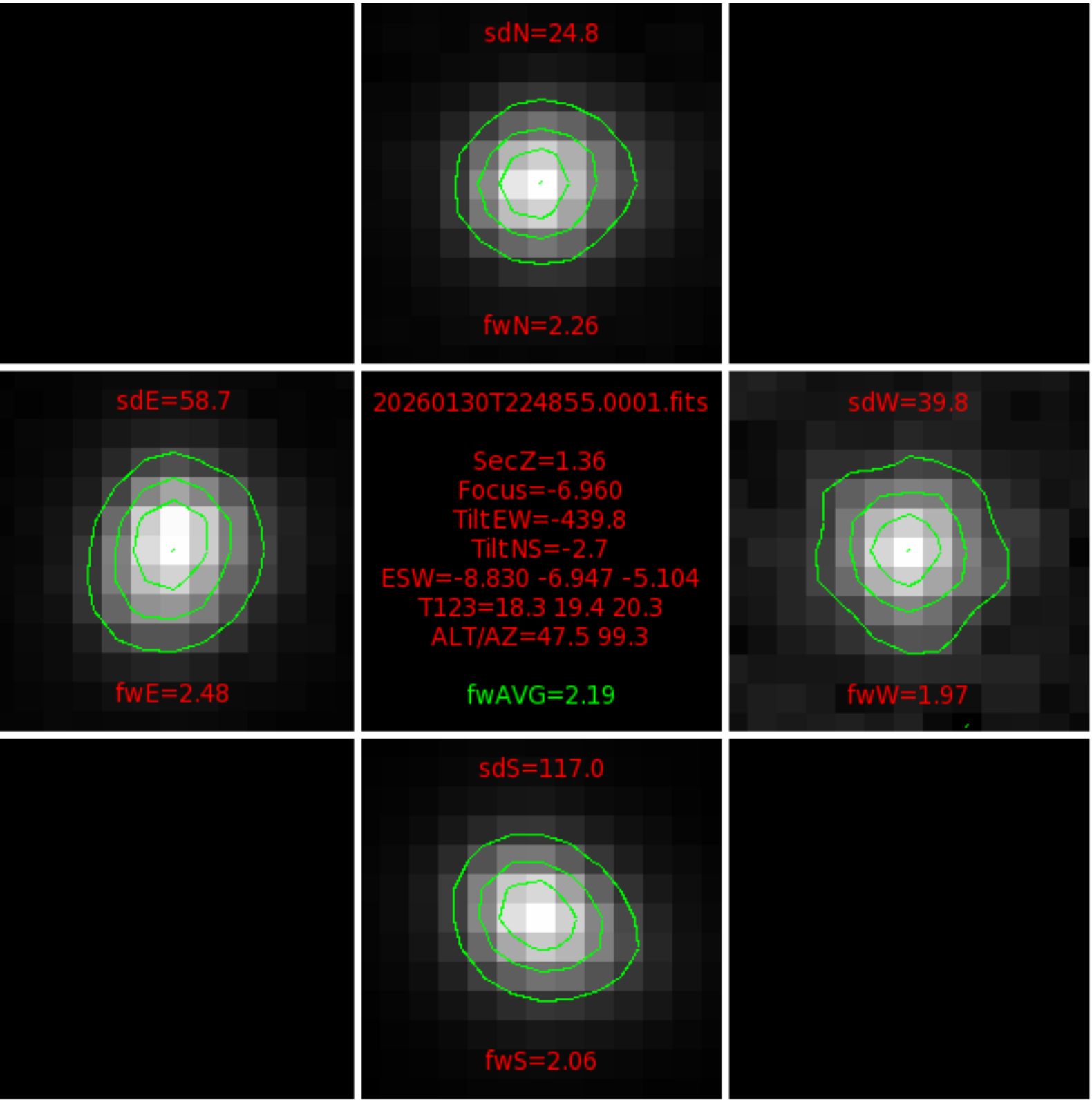
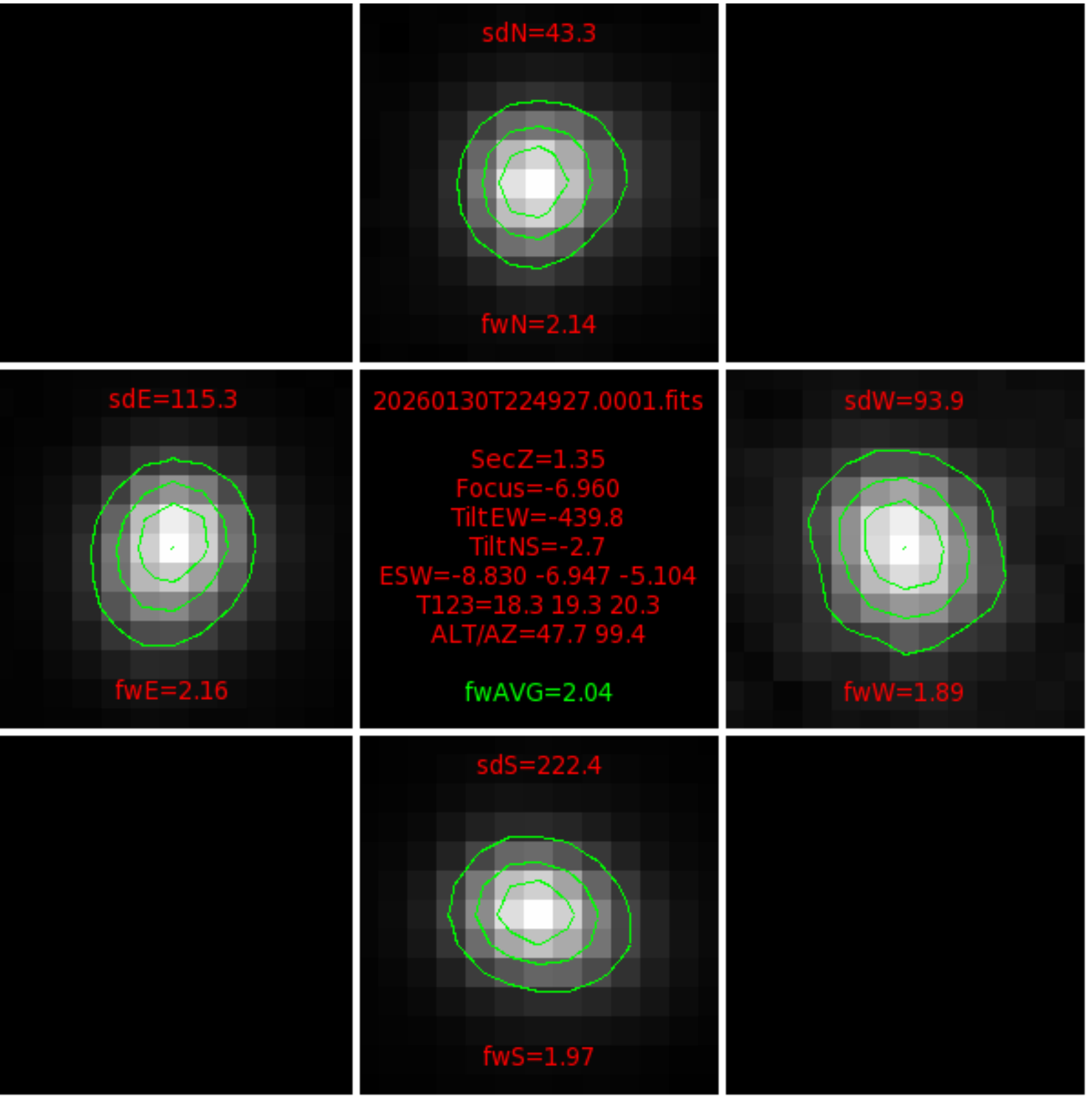
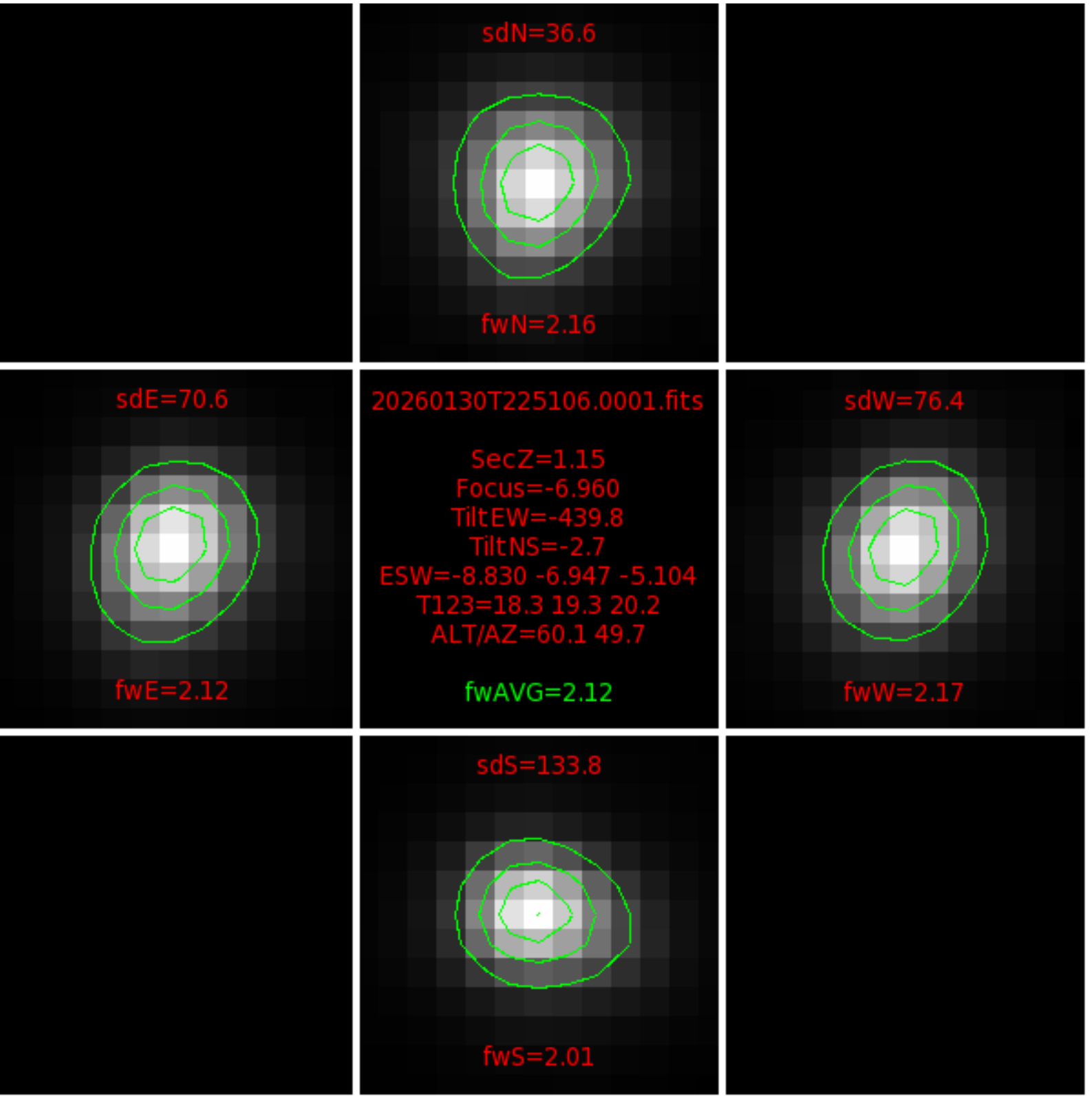
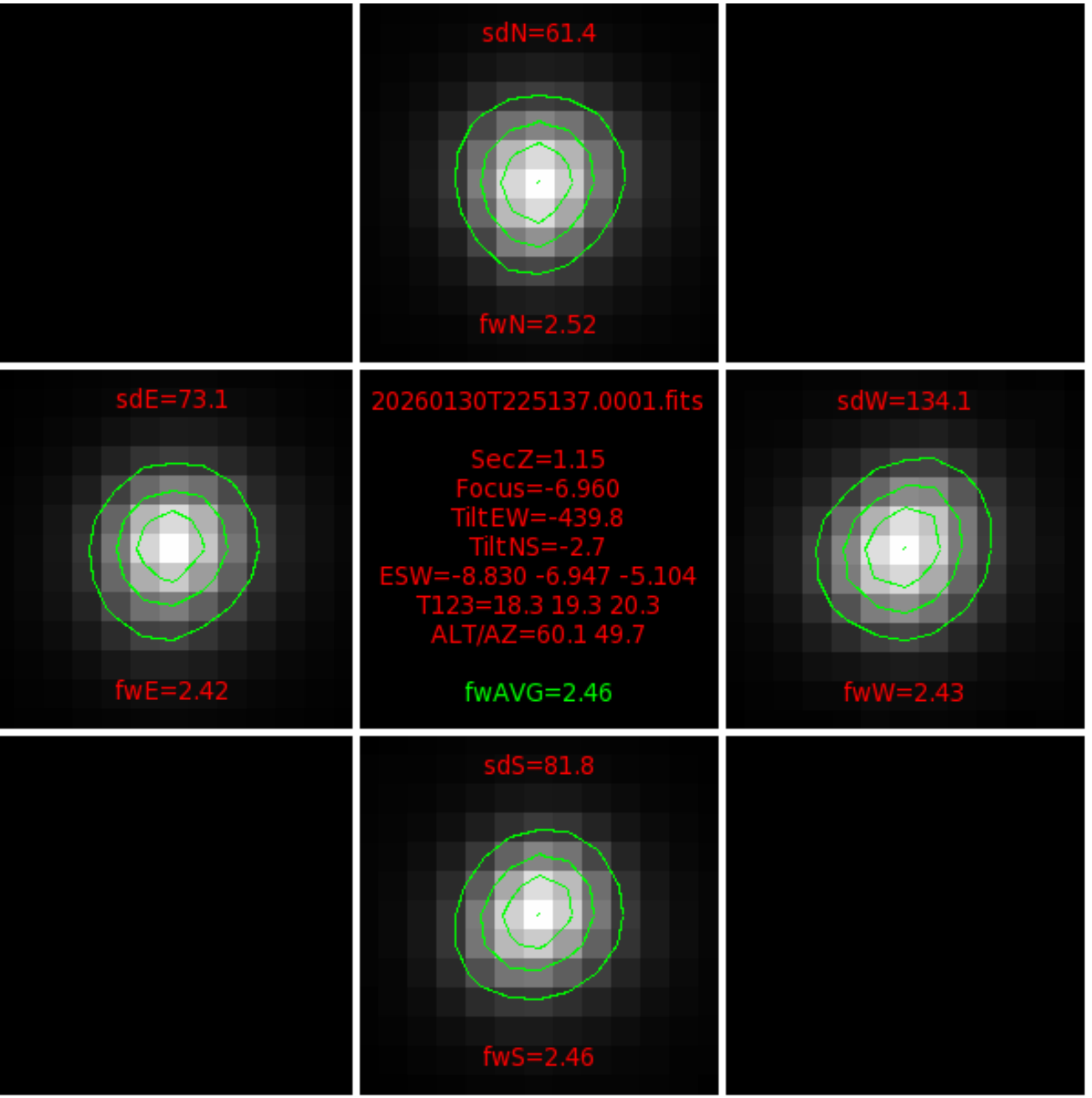
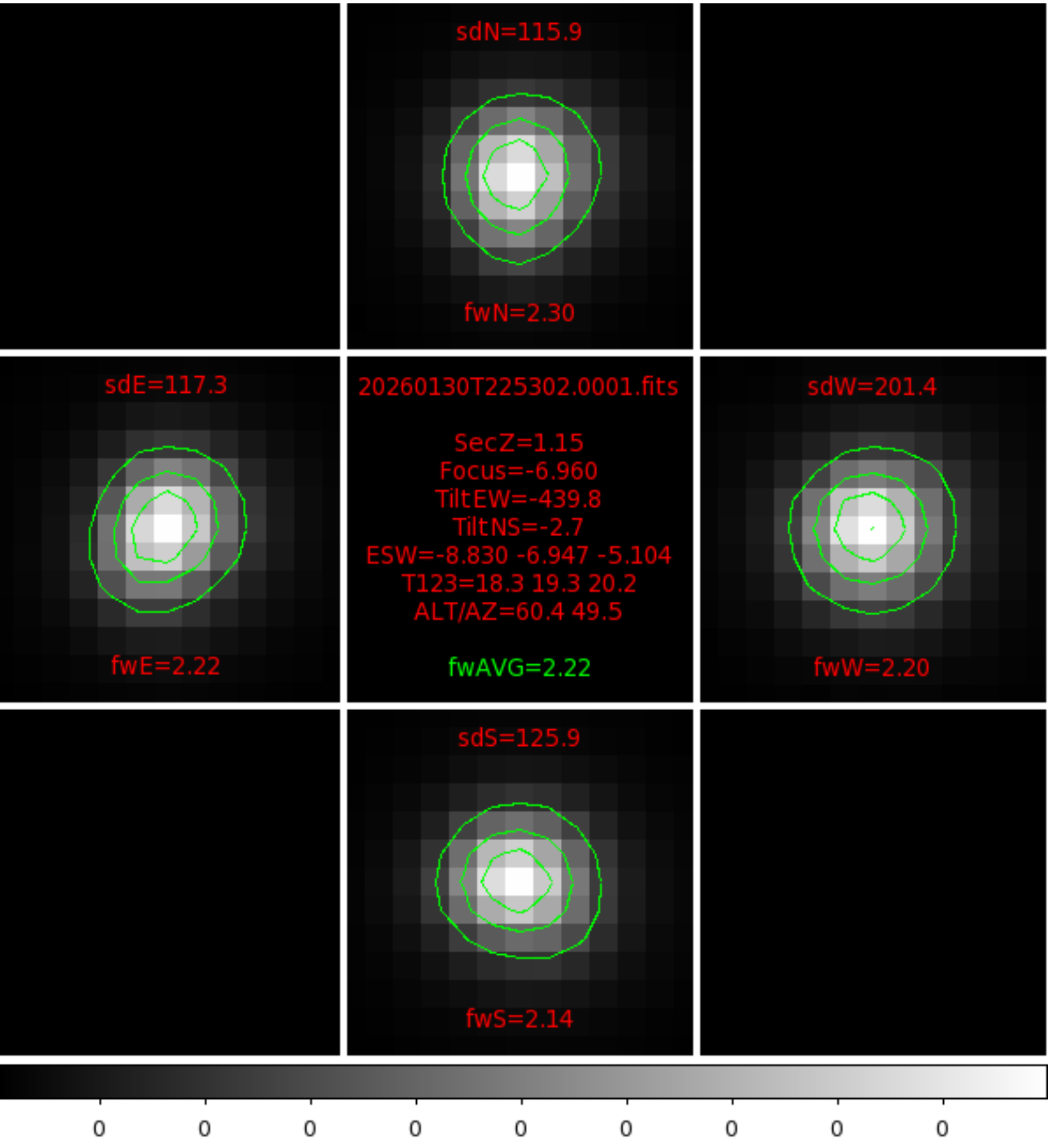
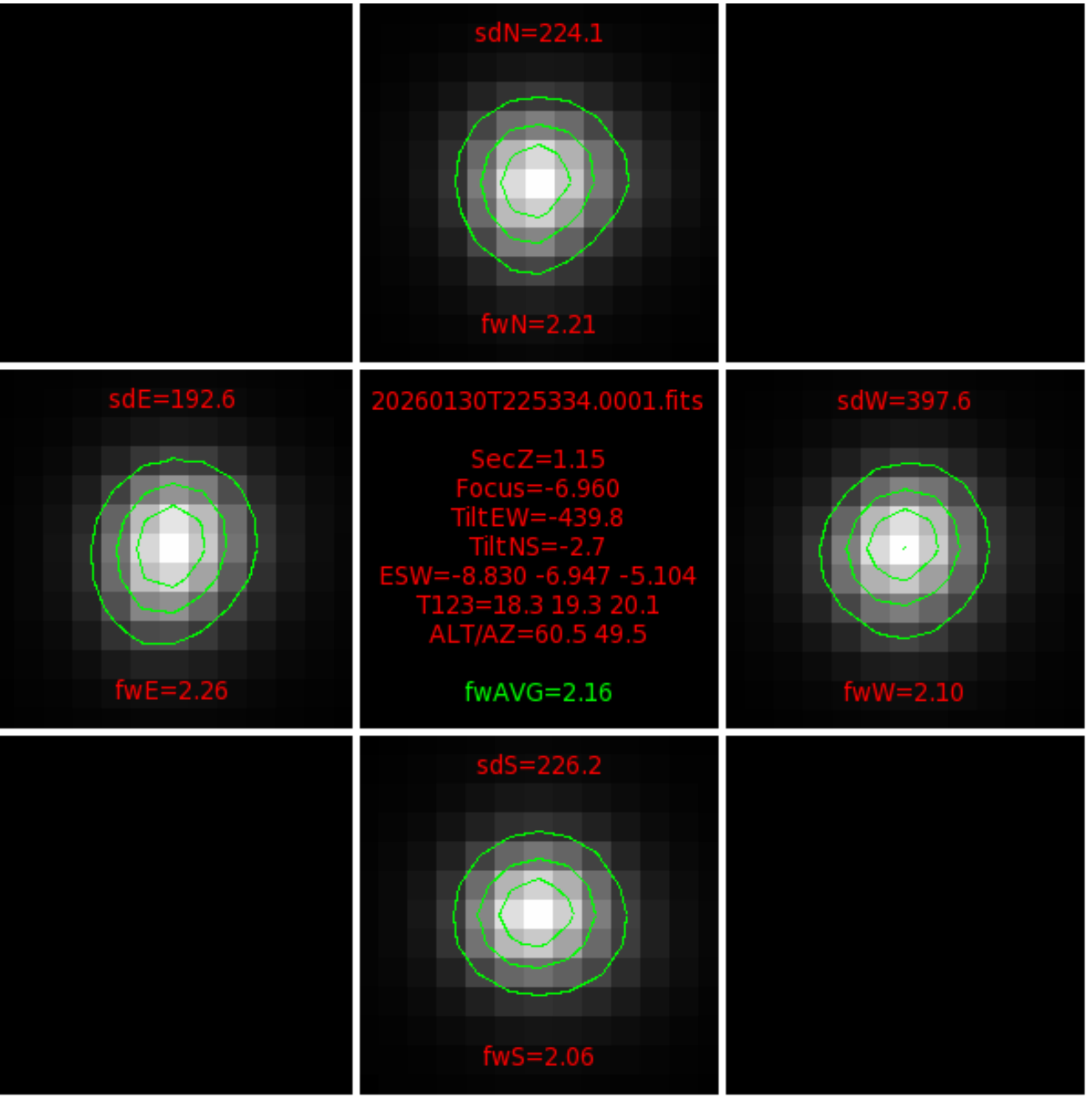

sdN=24.8
fwN=2.26
sdE=58.7
fwE=2.48
20260130T224855.0001.fits
SecZ=1.36
Focus=-6.960
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.830 -6.947 -5.104
T123=18.3 19.4 20.3
ALT/AZ=47.5 99.3
fwAVG=2.19
sdW=39.8
fwW=1.97
sdS=117.0
fwS=2.06
0 0 0 0 0 0 0 0 0

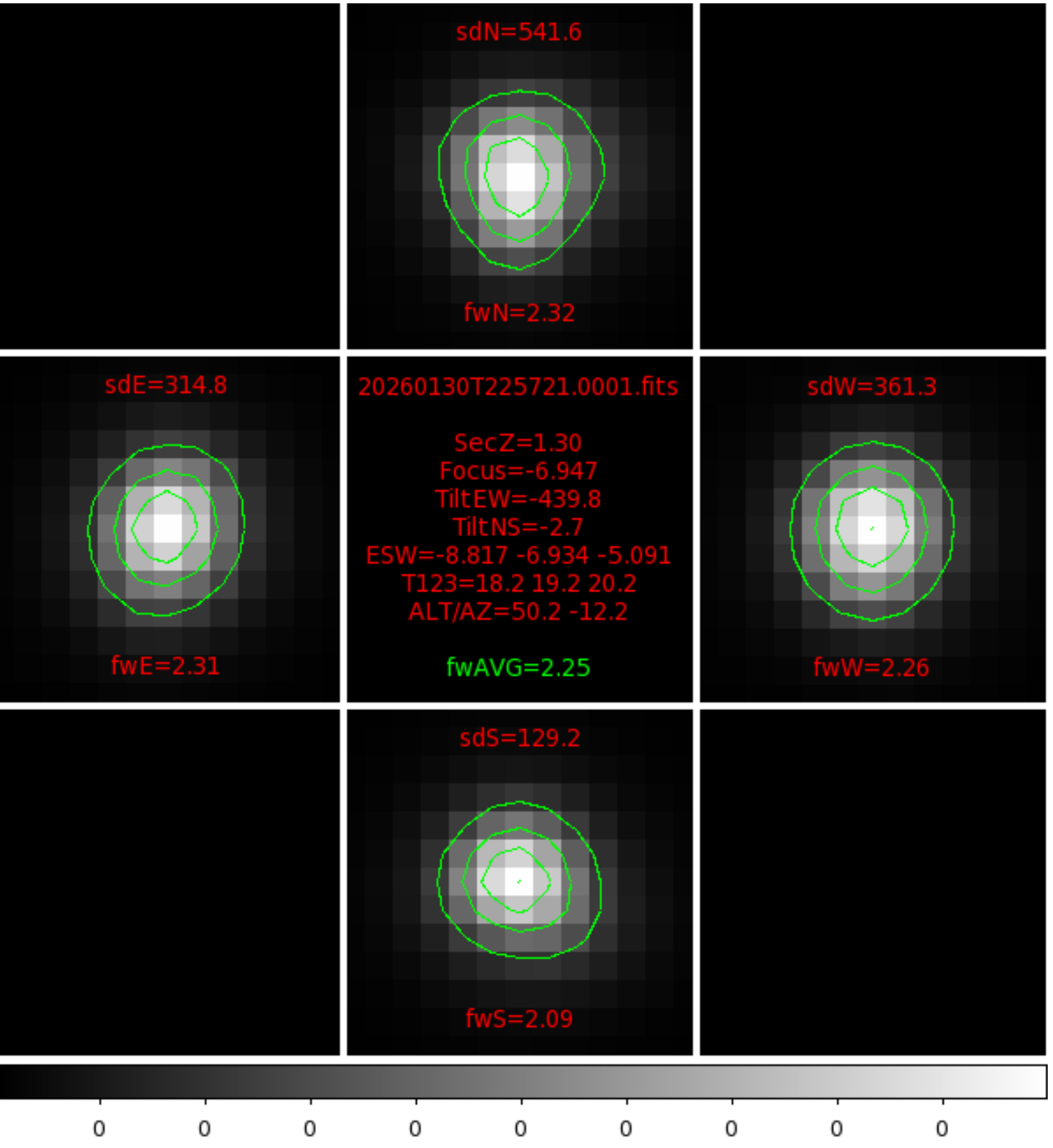

sdN=43.3
fwN=2.14
sdE=115.3
fwE=2.16
20260130T224927.0001.fits
SecZ=1.35
Focus=-6.960
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.830 -6.947 -5.104
T123=18.3 19.3 20.3
ALT/AZ=47.7 99.4
fwAVG=2.04
sdW=93.9
fwW=1.89
sdS=222.4
fwS=1.97
0 0 0 0 0 0 0 0 0

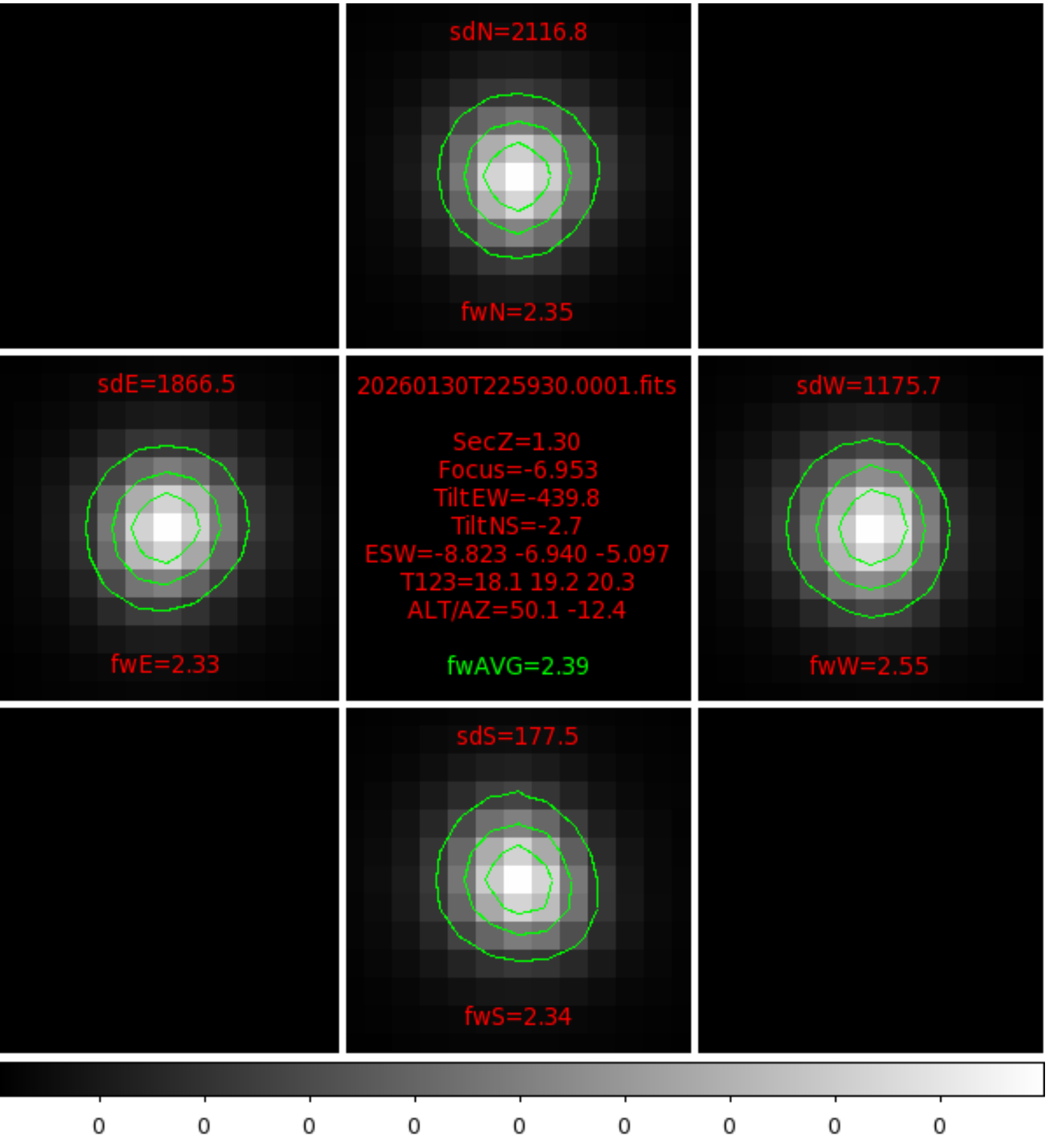

sdN=36.6
fwN=2.16
sdE=70.6
fwE=2.12
20260130T225106.0001.fits
SecZ=1.15
Focus=-6.960
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.830 -6.947 -5.104
T123=18.3 19.3 20.2
ALT/AZ=60.1 49.7
fwAVG=2.12
sdW=76.4
fwW=2.17
sdS=133.8
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=61.4
fwN=2.52
sdE=73.1
fwE=2.42
20260130T225137.0001.fits
SecZ=1.15
Focus=-6.960
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.830 -6.947 -5.104
T123=18.3 19.3 20.3
ALT/AZ=60.1 49.7
fwAVG=2.46
sdW=134.1
fwW=2.43
sdS=81.8
fwS=2.46
0 0 0 0 0 0 0 0 0


sdN=115.9
fwN=2.30
sdE=117.3
fwE=2.22
20260130T225302.0001.fits
SecZ=1.15
Focus=-6.960
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.830 -6.947 -5.104
T123=18.3 19.3 20.2
ALT/AZ=60.4 49.5
fwAVG=2.22
sdW=201.4
fwW=2.20
sdS=125.9
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=224.1
fwN=2.21
sdE=192.6
fwE=2.26
20260130T225334.0001.fits
SecZ=1.15
Focus=-6.960
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.830 -6.947 -5.104
T123=18.3 19.3 20.1
ALT/AZ=60.5 49.5
fwAVG=2.16
sdW=397.6
fwW=2.10
sdS=226.2
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=541.6
fwN=2.32
sdE=314.8
fwE=2.31
20260130T225721.0001.fits
SecZ=1.30
Focus=-6.947
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.817 -6.934 -5.091
T123=18.2 19.2 20.2
ALT/AZ=50.2 -12.2
fwAVG=2.25
sdW=361.3
fwW=2.26
sdS=129.2
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=2116.8
fwN=2.35
sdE=1866.5
fwE=2.33
20260130T225930.0001.fits
SecZ=1.30
Focus=-6.953
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.823 -6.940 -5.097
T123=18.1 19.2 20.3
ALT/AZ=50.1 -12.4
fwAVG=2.39
sdW=1175.7
fwW=2.55
sdS=177.5
fwS=2.34
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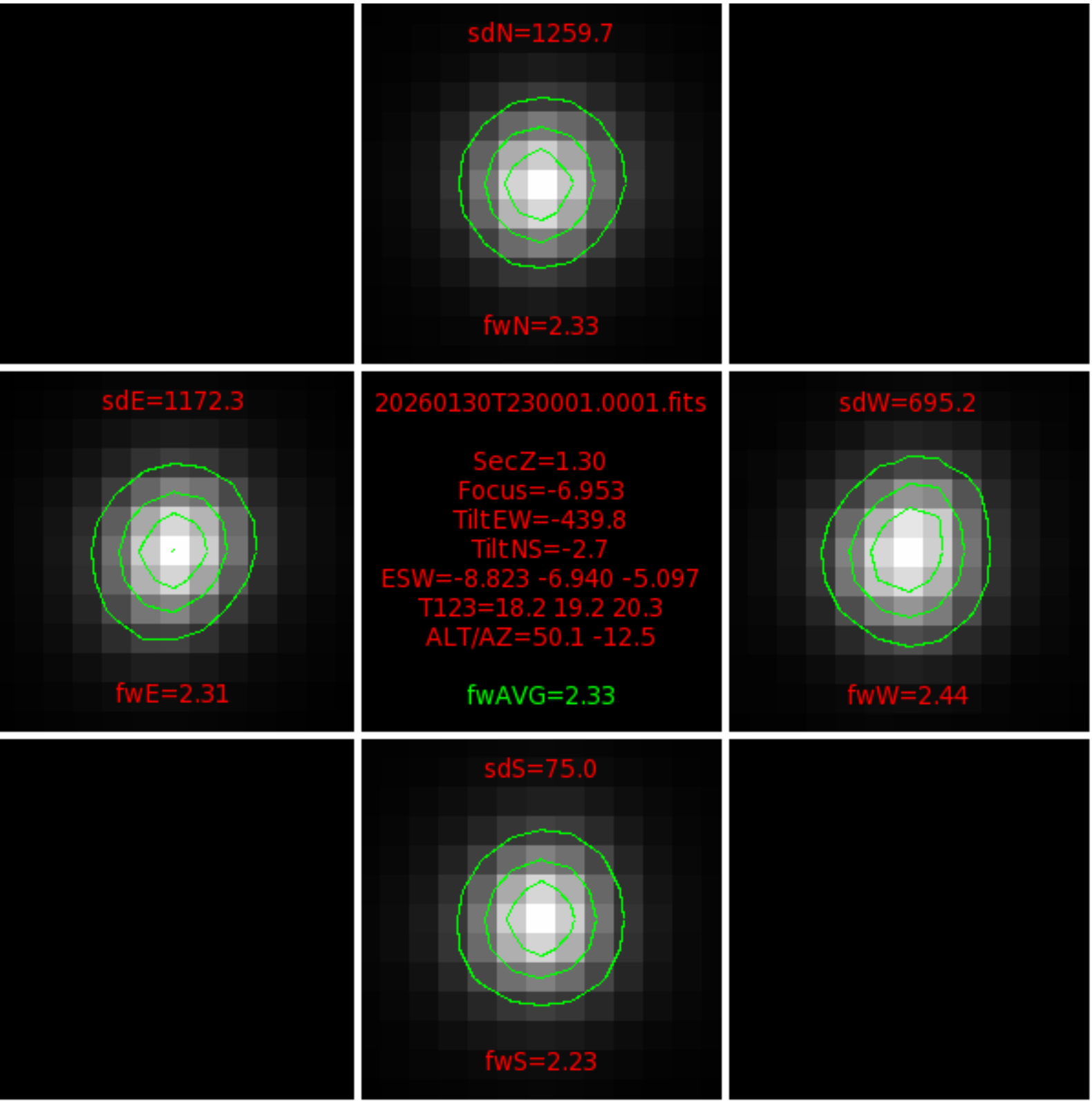
sdN=1259.7
fwN=2.33
sdE=1172.3
fwE=2.31
20260130T230001.0001.fits
SecZ=1.30
Focus=-6.953
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.823 -6.940 -5.097
T123=18.2 19.2 20.3
ALT/AZ=50.1 -12.5
fwAVG=2.33
sdW=695.2
fwW=2.44
sdS=75.0
fwS=2.23
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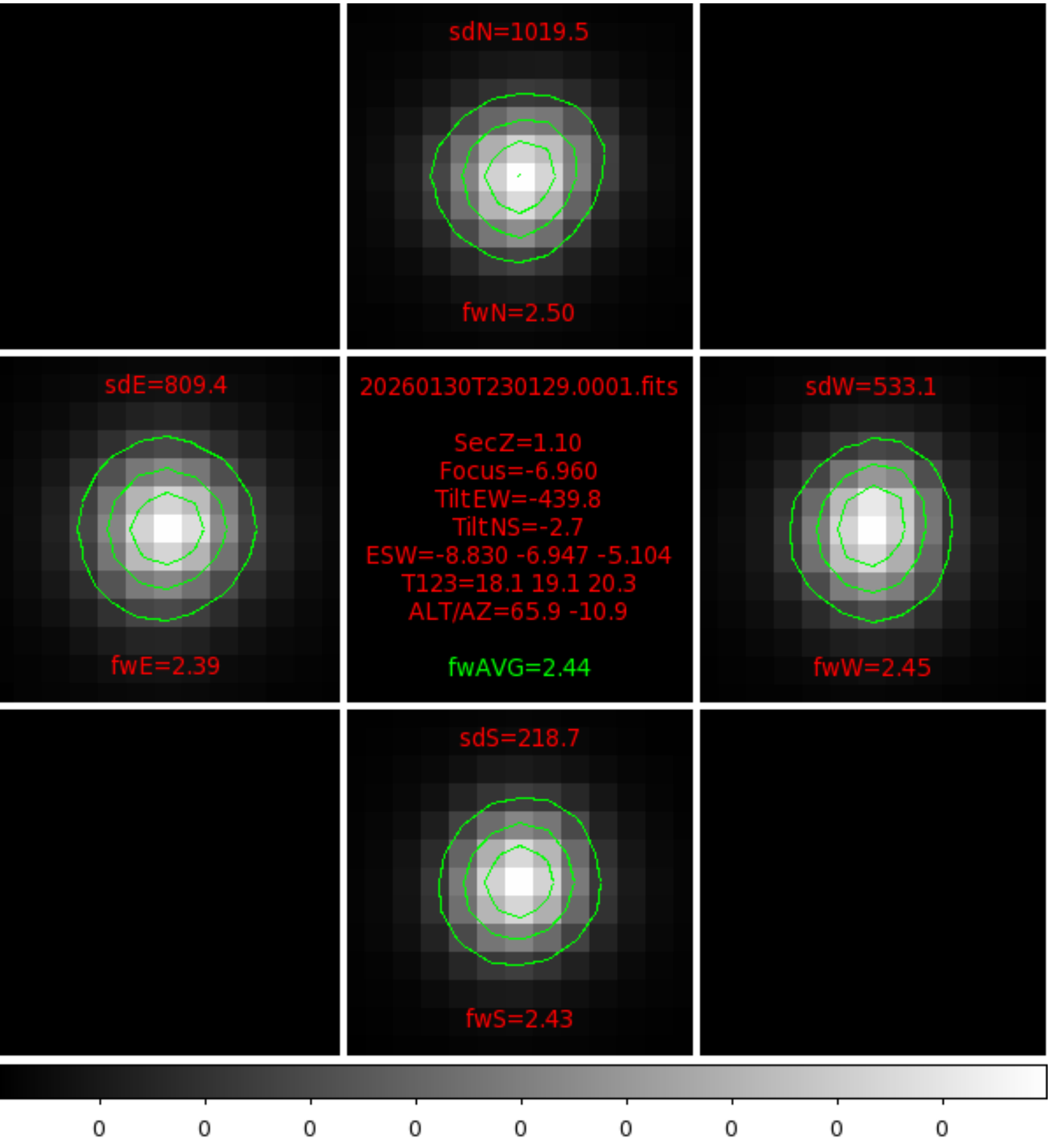
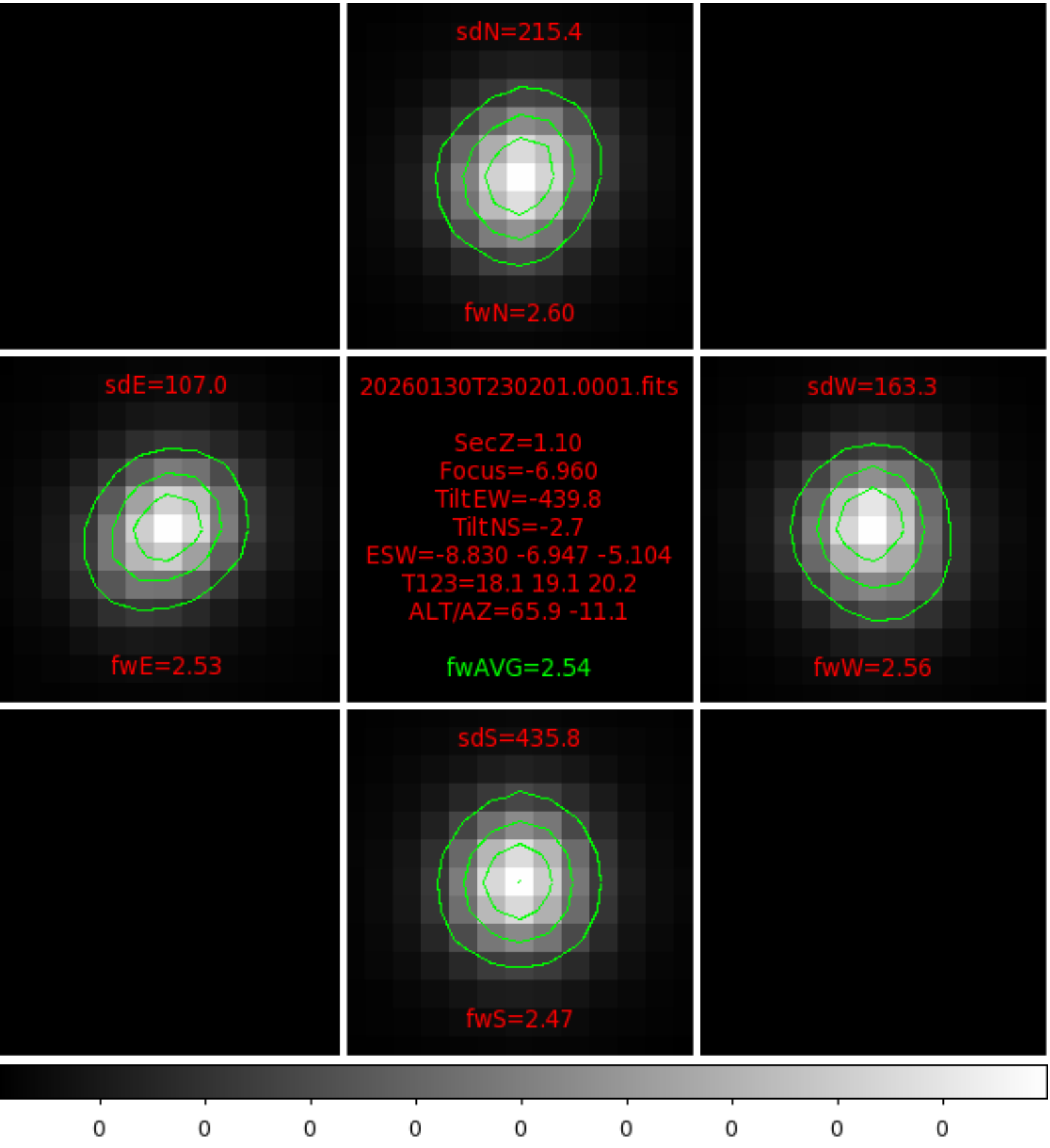

sdN=1019.5
fwN=2.50
sdE=809.4
fwE=2.39
20260130T230129.0001.fits
SecZ=1.10
Focus=-6.960
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.830 -6.947 -5.104
T123=18.1 19.1 20.3
ALT/AZ=65.9 -10.9
fwAVG=2.44
sdW=533.1
fwW=2.45
sdS=218.7
fwS=2.43
0 0 0 0 0 0 0 0 0


sdN=215.4
fwN=2.60
sdE=107.0
fwE=2.53
20260130T230201.0001.fits
SecZ=1.10
Focus=-6.960
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.830 -6.947 -5.104
T123=18.1 19.1 20.2
ALT/AZ=65.9 -11.1
fwAVG=2.54
sdW=163.3
fwW=2.56
sdS=435.8
fwS=2.47
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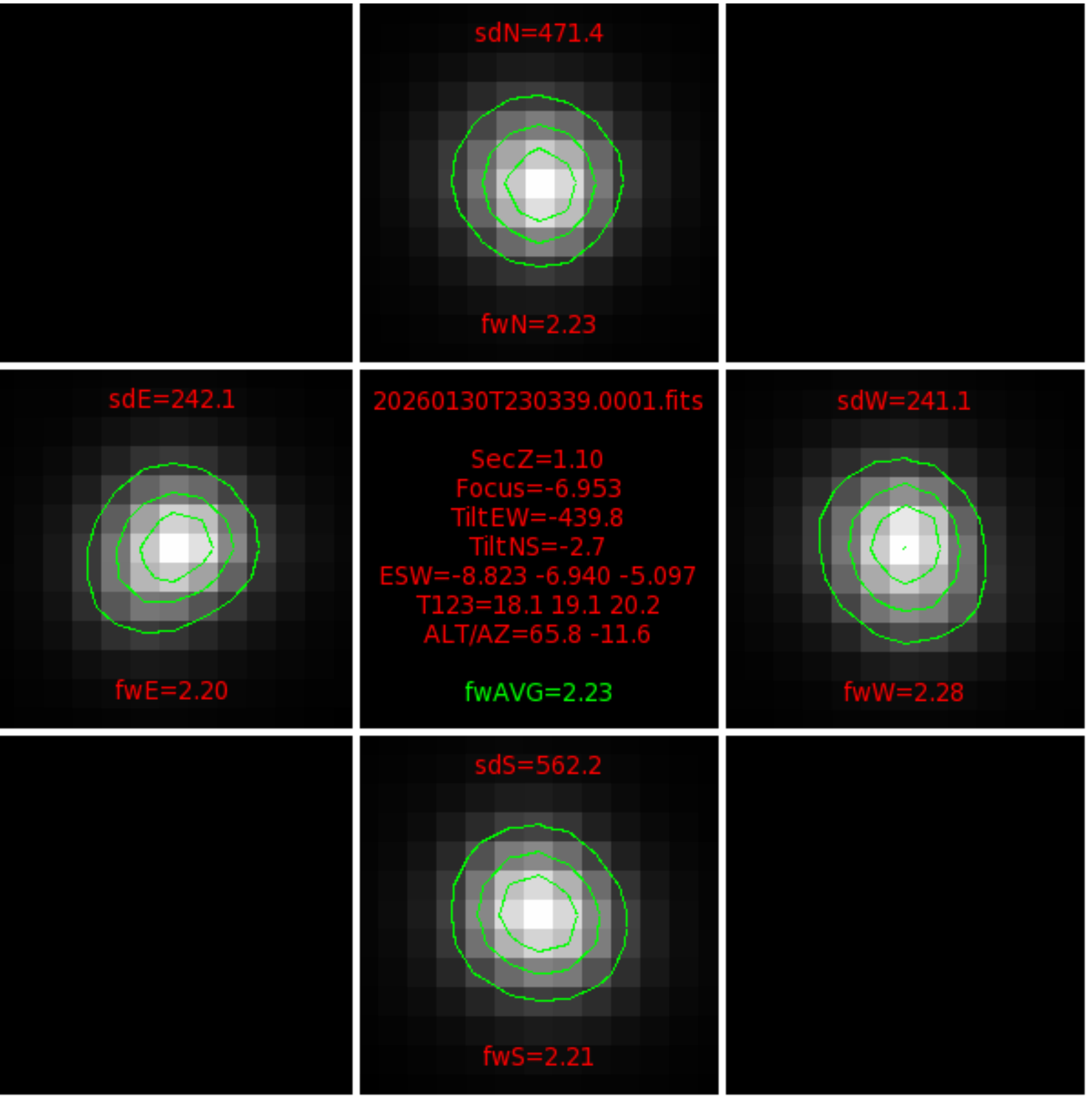
sdN=471.4
fwN=2.23
sdE=242.1
fwE=2.20
20260130T230339.0001.fits
SecZ=1.10
Focus=-6.953
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.823 -6.940 -5.097
T123=18.1 19.1 20.2
ALT/AZ=65.8 -11.6
fwAVG=2.23
sdW=241.1
fwW=2.28
sdS=562.2
fwS=2.21
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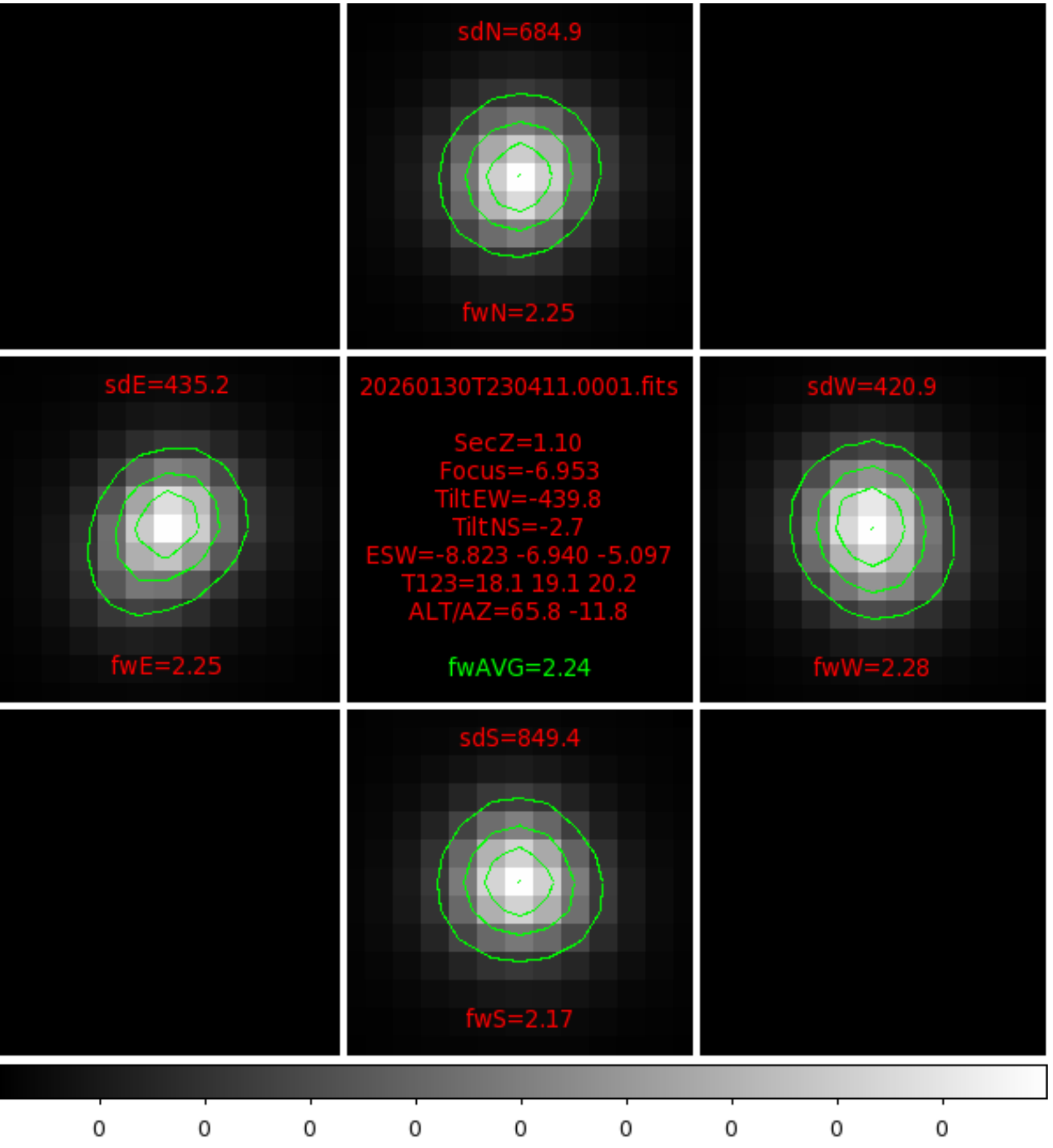
sdN=684.9
fwN=2.25
sdE=435.2
fwE=2.25
20260130T230411.0001.fits
SecZ=1.10
Focus=-6.953
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.823 -6.940 -5.097
T123=18.1 19.1 20.2
ALT/AZ=65.8 -11.8
fwAVG=2.24
sdW=420.9
fwW=2.28
sdS=849.4
fwS=2.17
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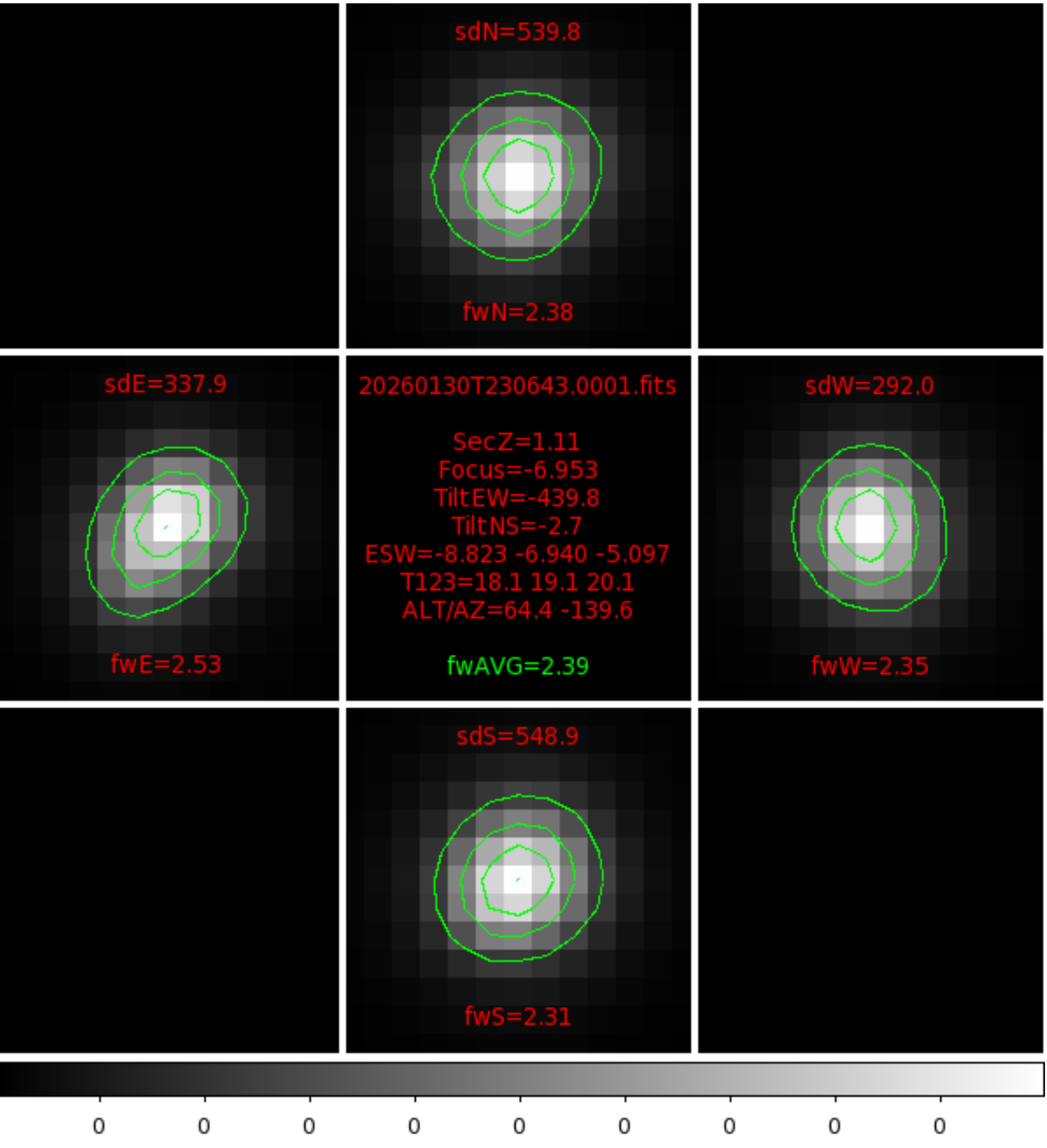
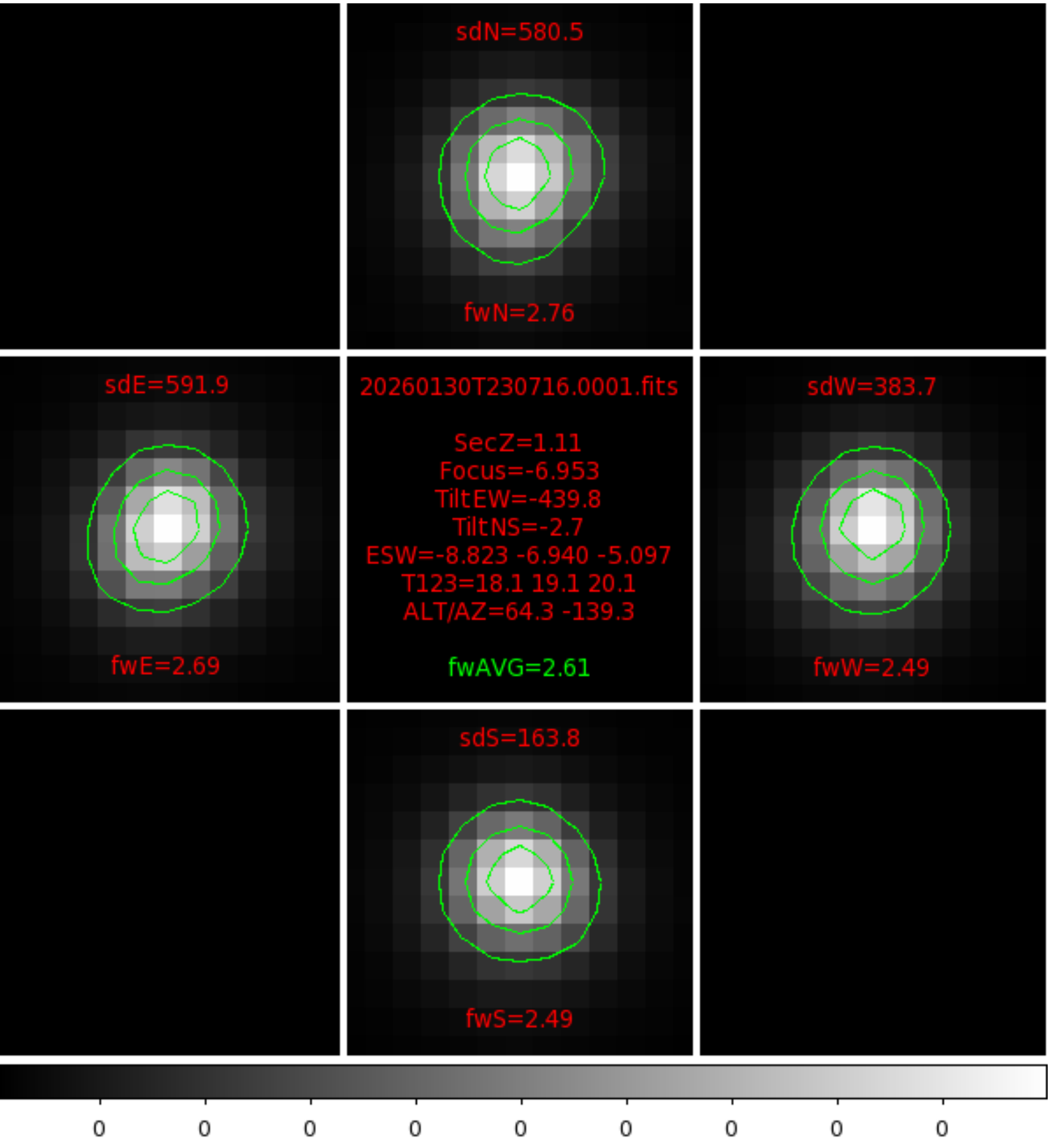

sdN=539.8
fwN=2.38
sdE=337.9
fwE=2.53
20260130T230643.0001.fits
SecZ=1.11
Focus=-6.953
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.823 -6.940 -5.097
T123=18.1 19.1 20.1
ALT/AZ=64.4 -139.6
fwAVG=2.39
sdW=292.0
fwW=2.35
sdS=548.9
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=580.5
fwN=2.76
sdE=591.9
fwE=2.69
20260130T230716.0001.fits
SecZ=1.11
Focus=-6.953
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.823 -6.940 -5.097
T123=18.1 19.1 20.1
ALT/AZ=64.3 -139.3
fwAVG=2.61
sdW=383.7
fwW=2.49
sdS=163.8
fwS=2.49
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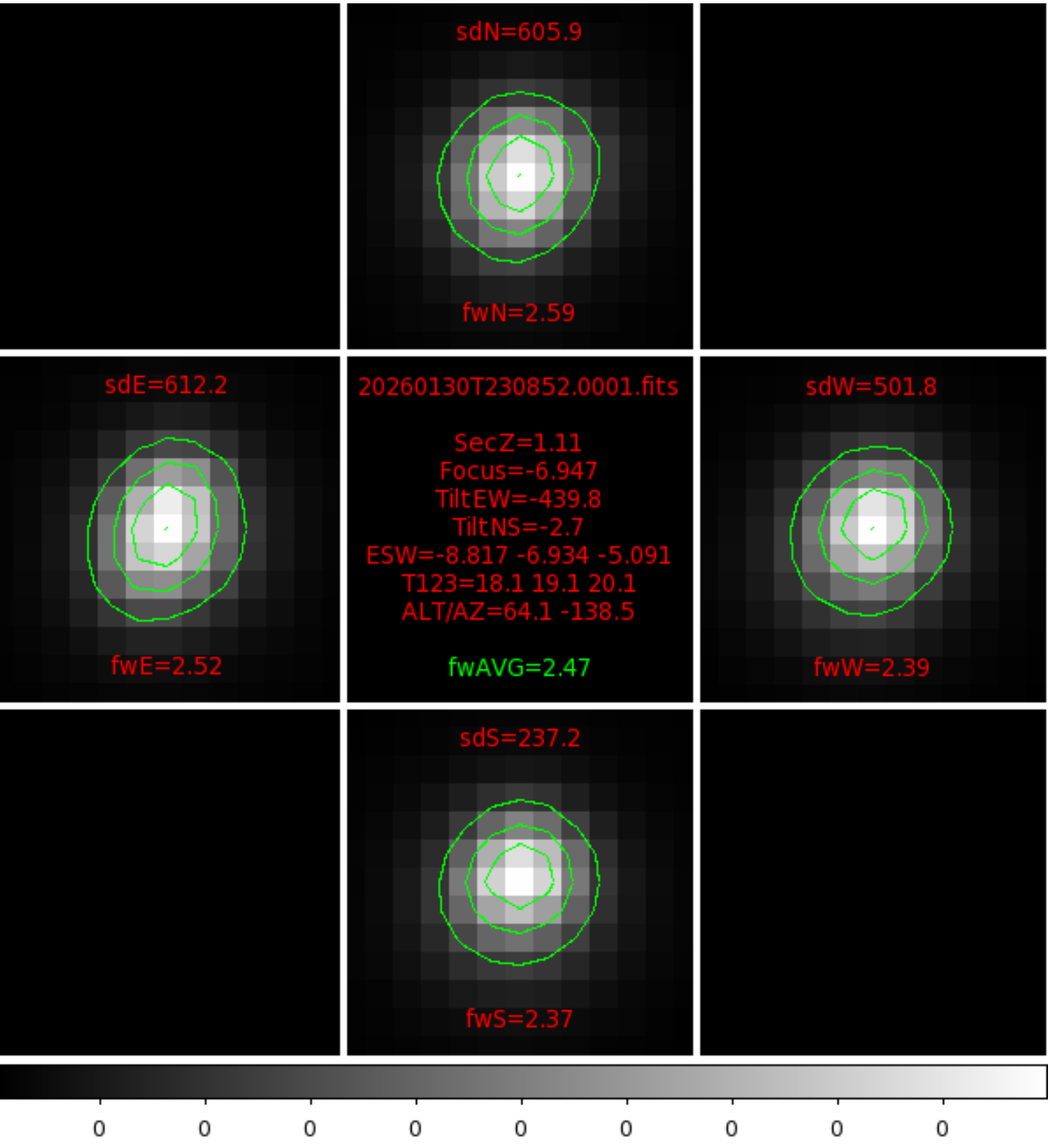
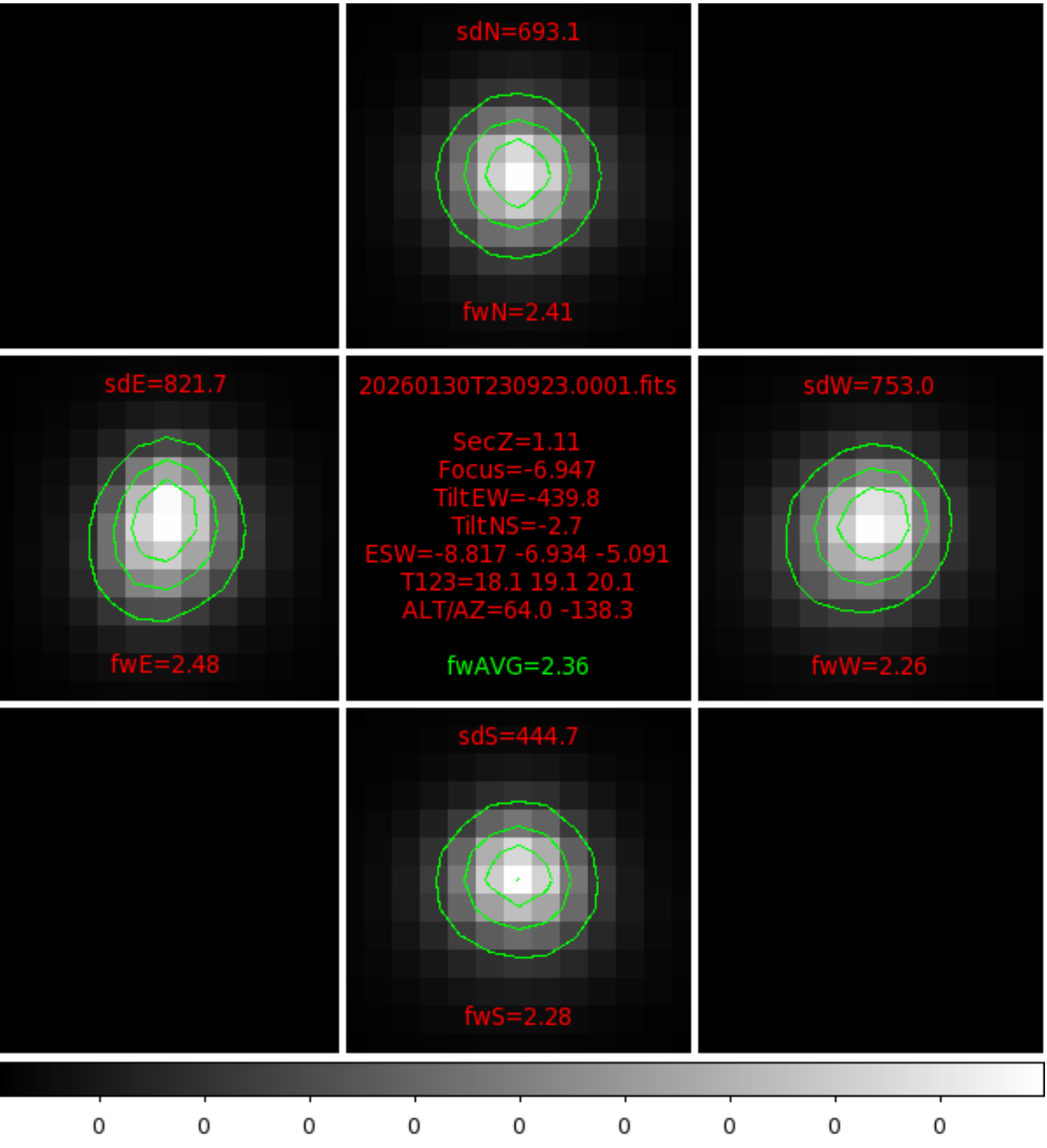

sdN=605.9
fwN=2.59
sdE=612.2
fwE=2.52
20260130T230852.0001.fits
SecZ=1.11
Focus=-6.947
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.817 -6.934 -5.091
T123=18.1 19.1 20.1
ALT/AZ=64.1 -138.5
fwAVG=2.47
sdW=501.8
fwW=2.39
sdS=237.2
fwS=2.37
0 0 0 0 0 0 0 0 0


sdN=693.1
fwN=2.41
sdE=821.7
fwE=2.48
20260130T230923.0001.fits
SecZ=1.11
Focus=-6.947
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.817 -6.934 -5.091
T123=18.1 19.1 20.1
ALT/AZ=64.0 -138.3
fwAVG=2.36
sdW=753.0
fwW=2.26
sdS=444.7
fwS=2.28
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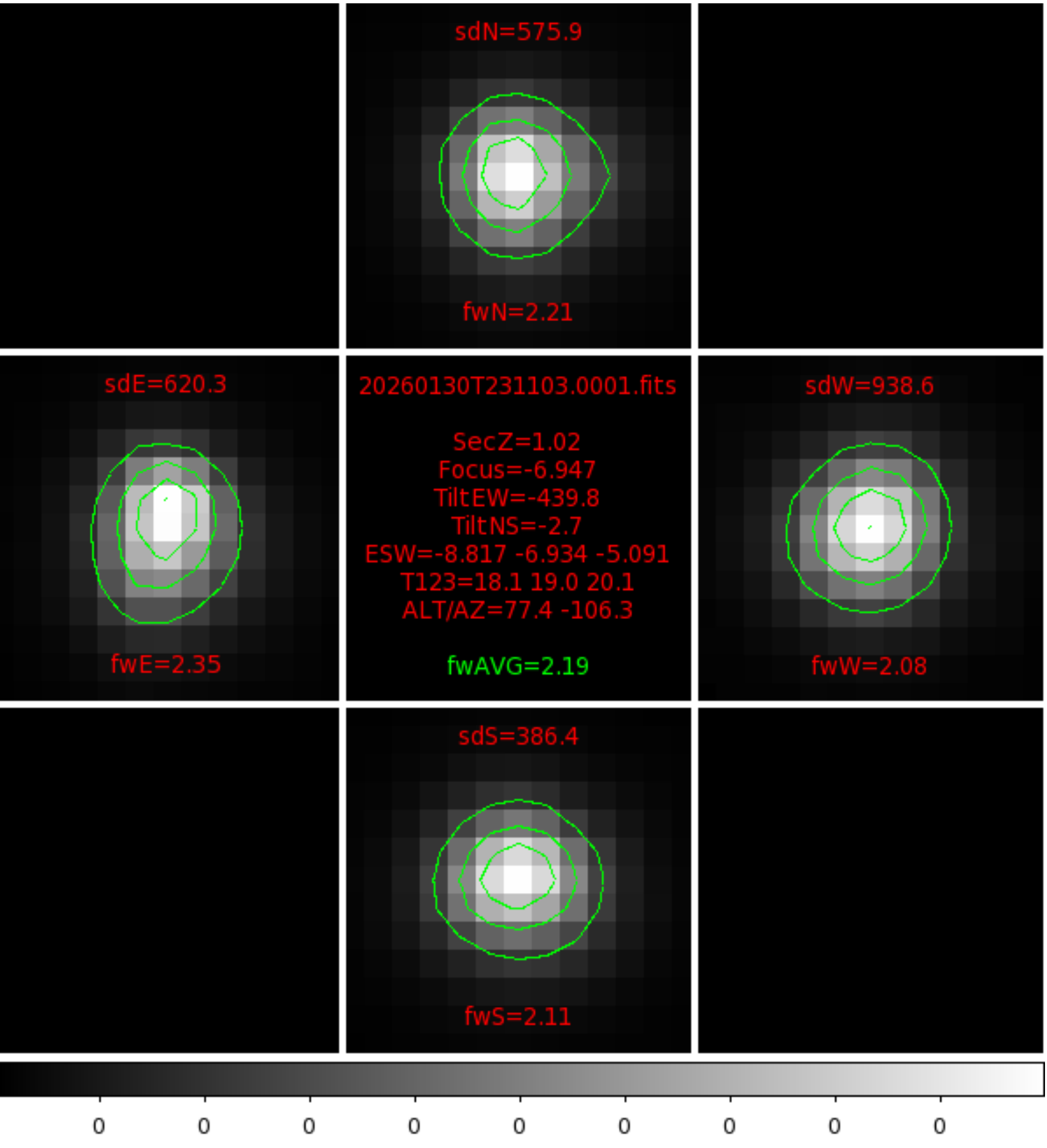
sdN=575.9
fwN=2.21
sdE=620.3
fwE=2.35
20260130T231103.0001.fits
SecZ=1.02
Focus=-6.947
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.817 -6.934 -5.091
T123=18.1 19.0 20.1
ALT/AZ=77.4 -106.3
fwAVG=2.19
sdW=938.6
fwW=2.08
sdS=386.4
fwS=2.11
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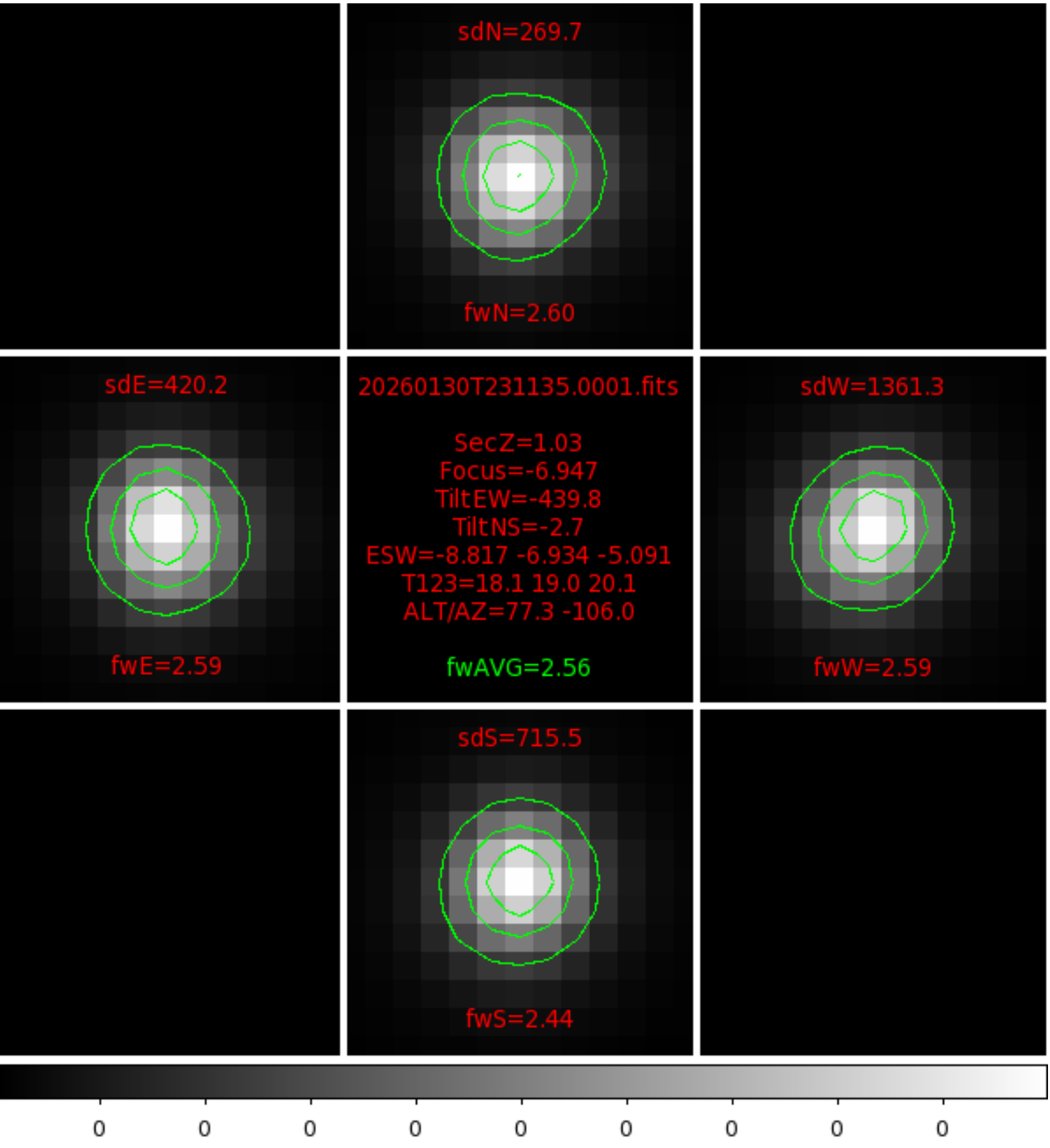
sdN=269.7
fwN=2.60
sdE=420.2
fwE=2.59
20260130T231135.0001.fits
SecZ=1.03
Focus=-6.947
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.817 -6.934 -5.091
T123=18.1 19.0 20.1
ALT/AZ=77.3 -106.0
fwAVG=2.56
sdW=1361.3
fwW=2.59
sdS=715.5
fwS=2.44
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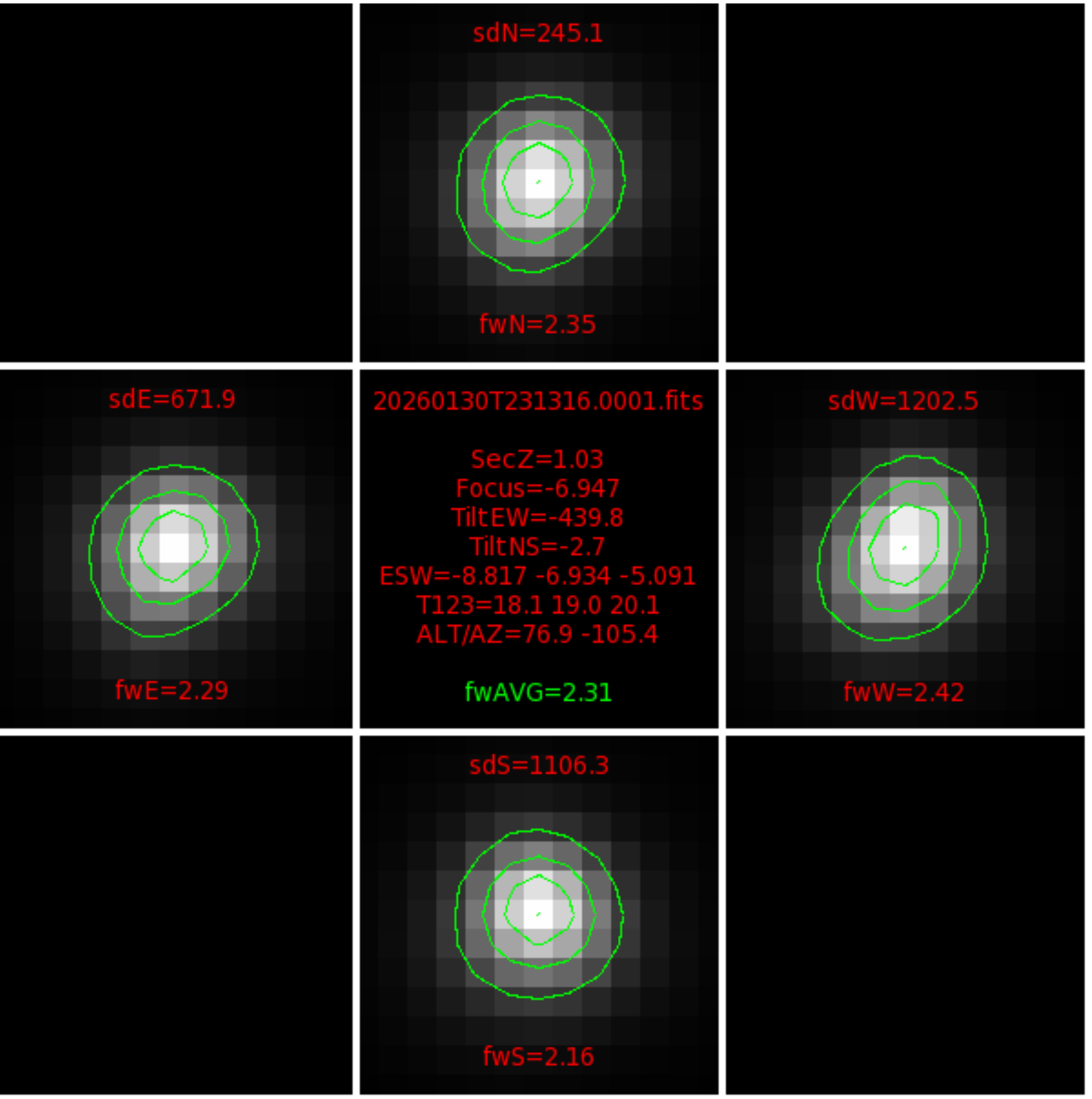
sdN=245.1
fwN=2.35
sdE=671.9
fwE=2.29
20260130T231316.0001.fits
SecZ=1.03
Focus=-6.947
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.817 -6.934 -5.091
T123=18.1 19.0 20.1
ALT/AZ=76.9 -105.4
fwAVG=2.31
sdW=1202.5
fwW=2.42
sdS=1106.3
fwS=2.16
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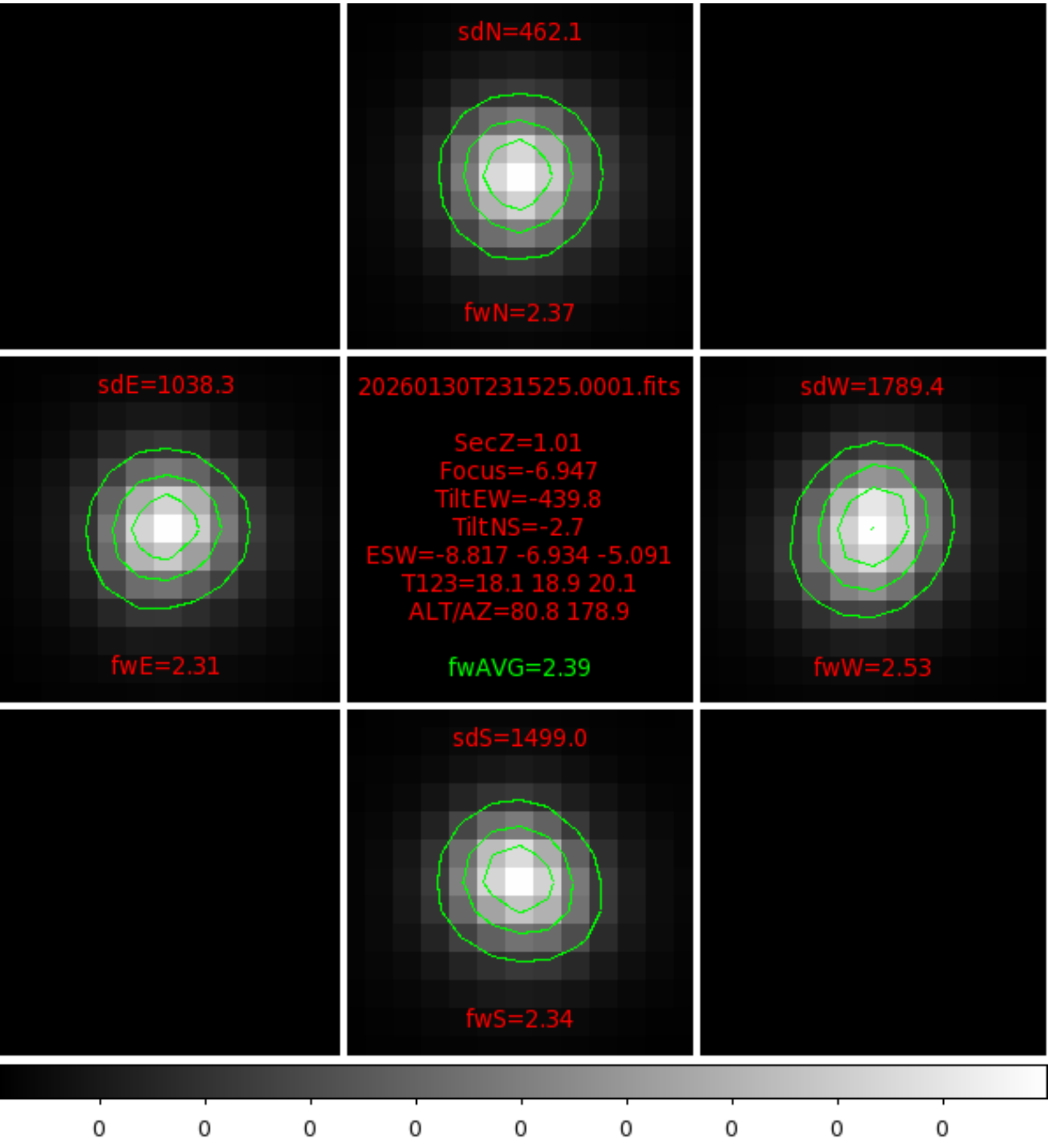
sdN=462.1
fwN=2.37
sdE=1038.3
fwE=2.31
20260130T231525.0001.fits
SecZ=1.01
Focus=-6.947
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.817 -6.934 -5.091
T123=18.1 18.9 20.1
ALT/AZ=80.8 178.9
fwAVG=2.39
sdW=1789.4
fwW=2.53
sdS=1499.0
fwS=2.34
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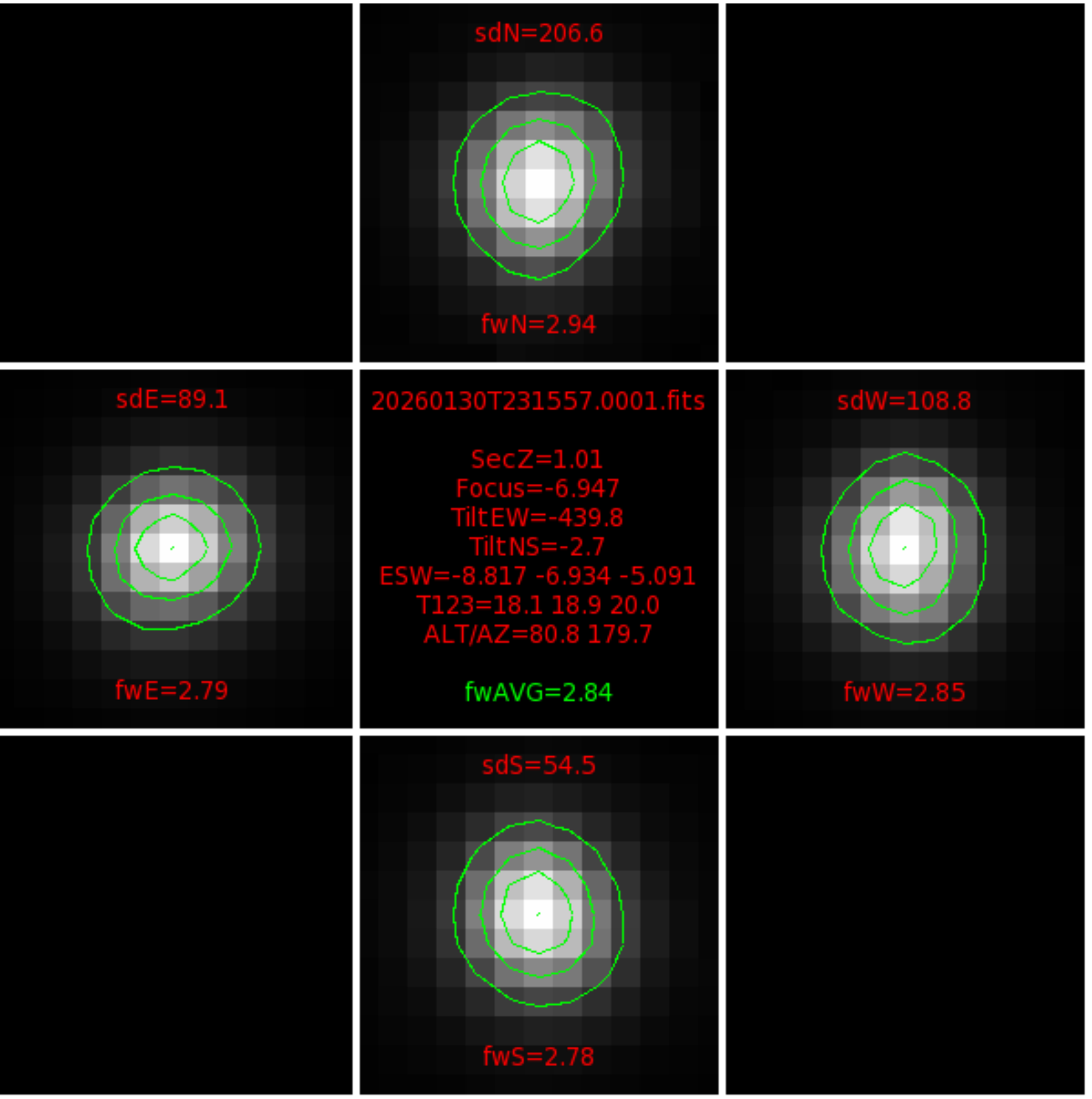
sdN=206.6
fwN=2.94
sdE=89.1
fwE=2.79
20260130T231557.0001.fits
SecZ=1.01
Focus=-6.947
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.817 -6.934 -5.091
T123=18.1 18.9 20.0
ALT/AZ=80.8 179.7
fwAVG=2.84
sdW=108.8
fwW=2.85
sdS=54.5
fwS=2.78
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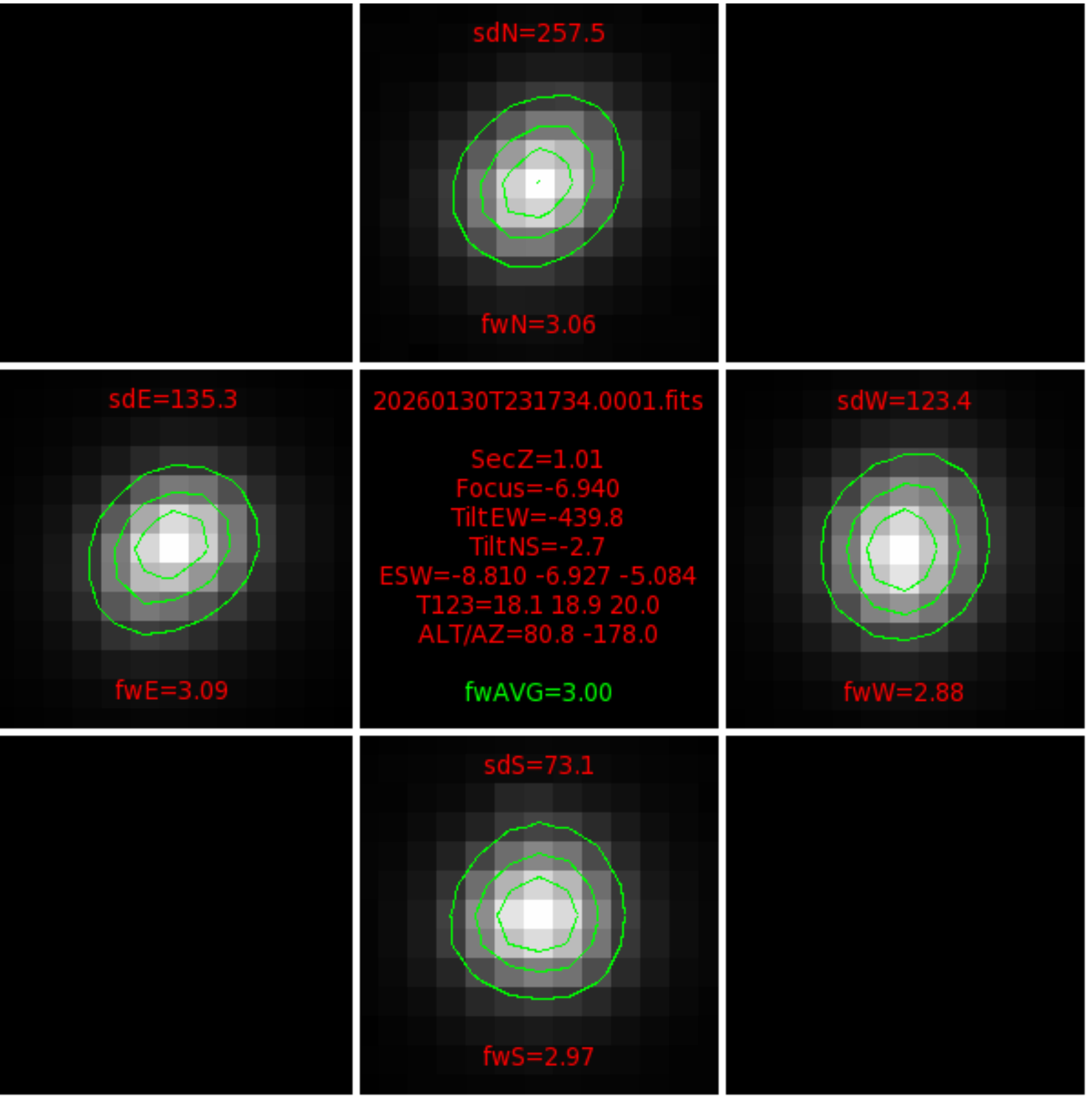
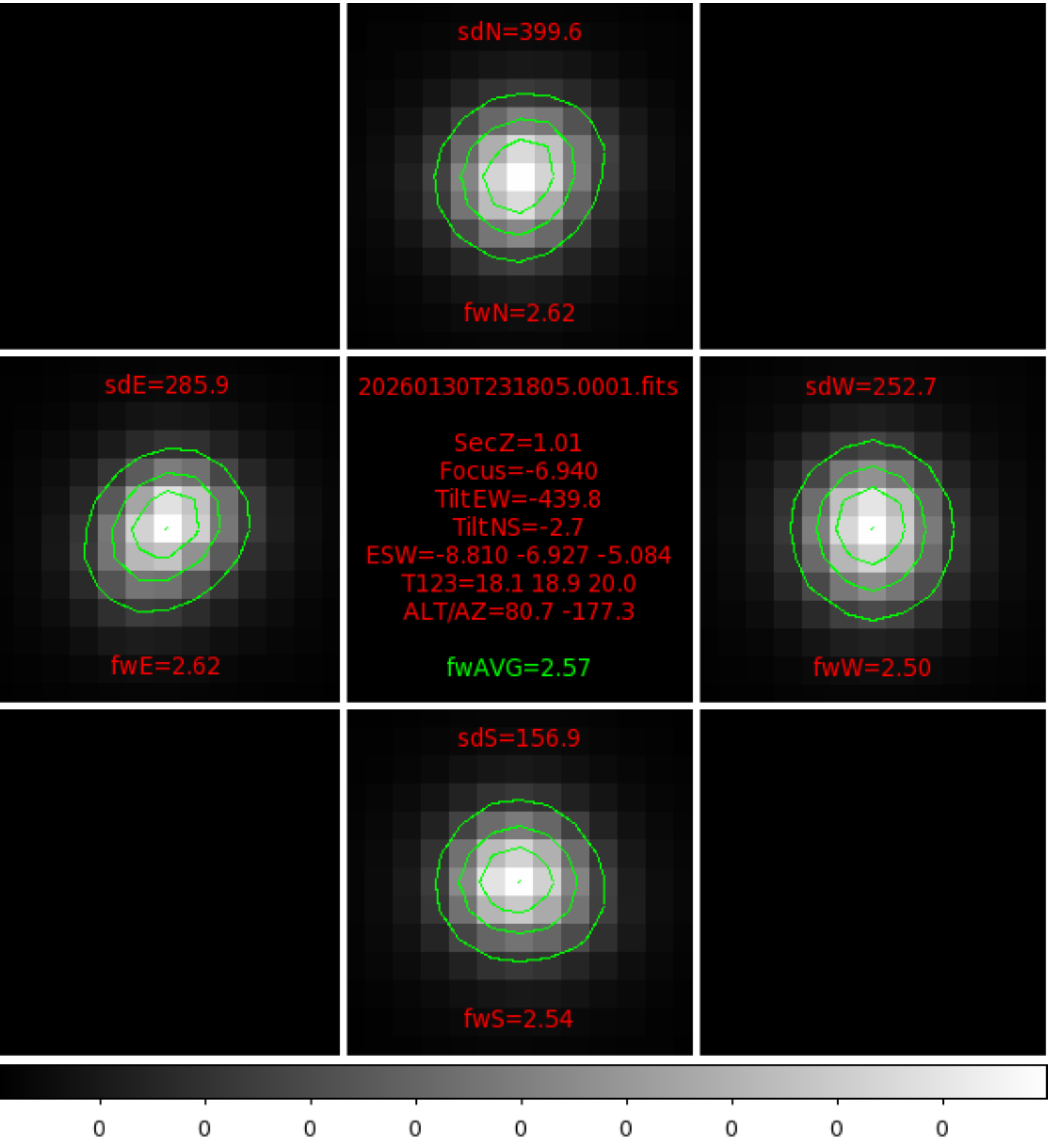

sdN=257.5
fwN=3.06
sdE=135.3
fwE=3.09
20260130T231734.0001.fits
SecZ=1.01
Focus=-6.940
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.810 -6.927 -5.084
T123=18.1 18.9 20.0
ALT/AZ=80.8 -178.0
fwAVG=3.00
sdW=123.4
fwW=2.88
sdS=73.1
fwS=2.97
0 0 0 0 0 0 0 0 0


sdN=399.6
fwN=2.62
sdE=285.9
fwE=2.62
20260130T231805.0001.fits
SecZ=1.01
Focus=-6.940
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.810 -6.927 -5.084
T123=18.1 18.9 20.0
ALT/AZ=80.7 -177.3
fwAVG=2.57
sdW=252.7
fwW=2.50
sdS=156.9
fwS=2.54
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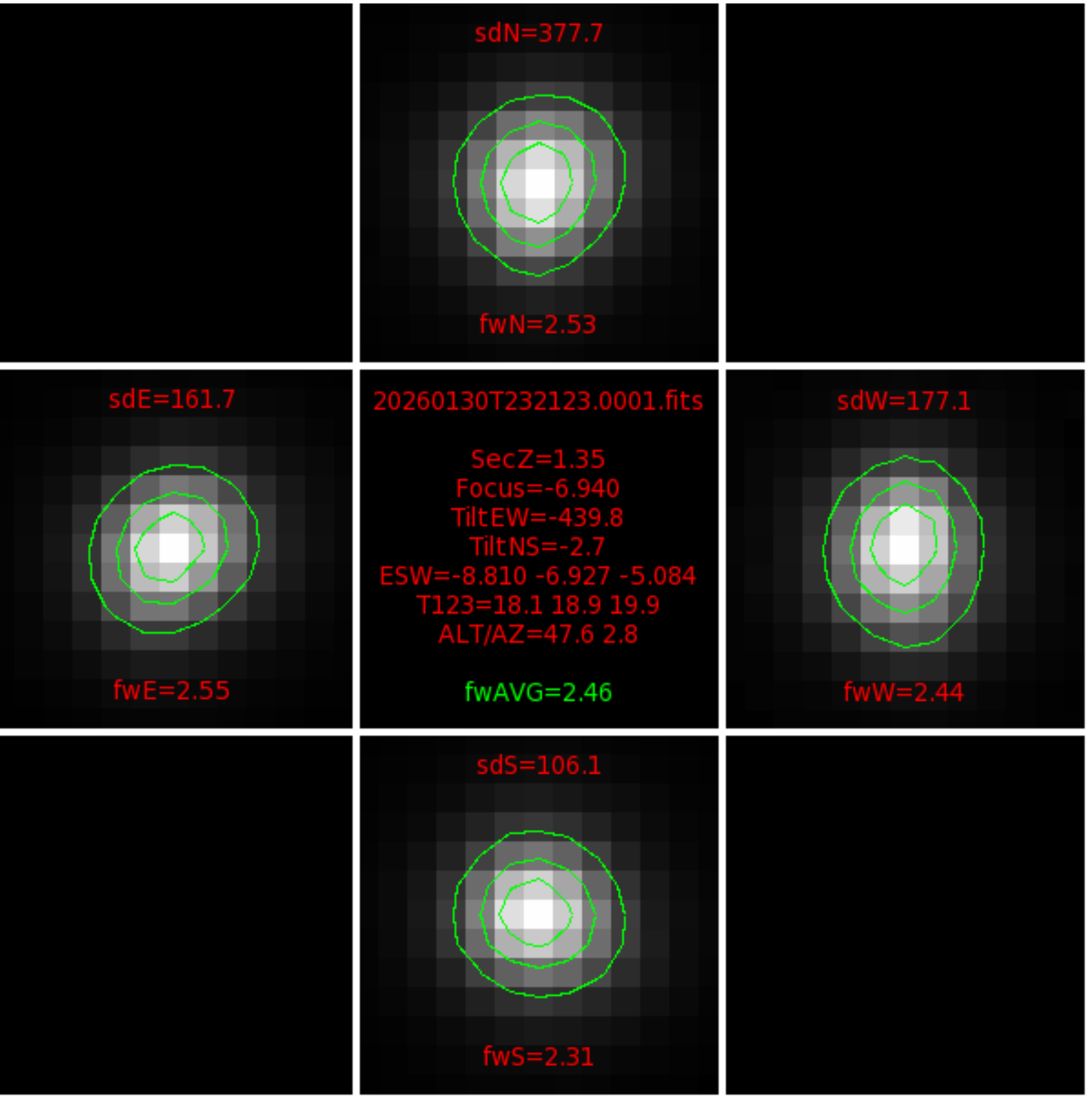
sdN=377.7
fwN=2.53
sdE=161.7
fwE=2.55
20260130T232123.0001.fits
SecZ=1.35
Focus=-6.940
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.810 -6.927 -5.084
T123=18.1 18.9 19.9
ALT/AZ=47.6 2.8
fwAVG=2.46
sdW=177.1
fwW=2.44
sdS=106.1
fwS=2.31
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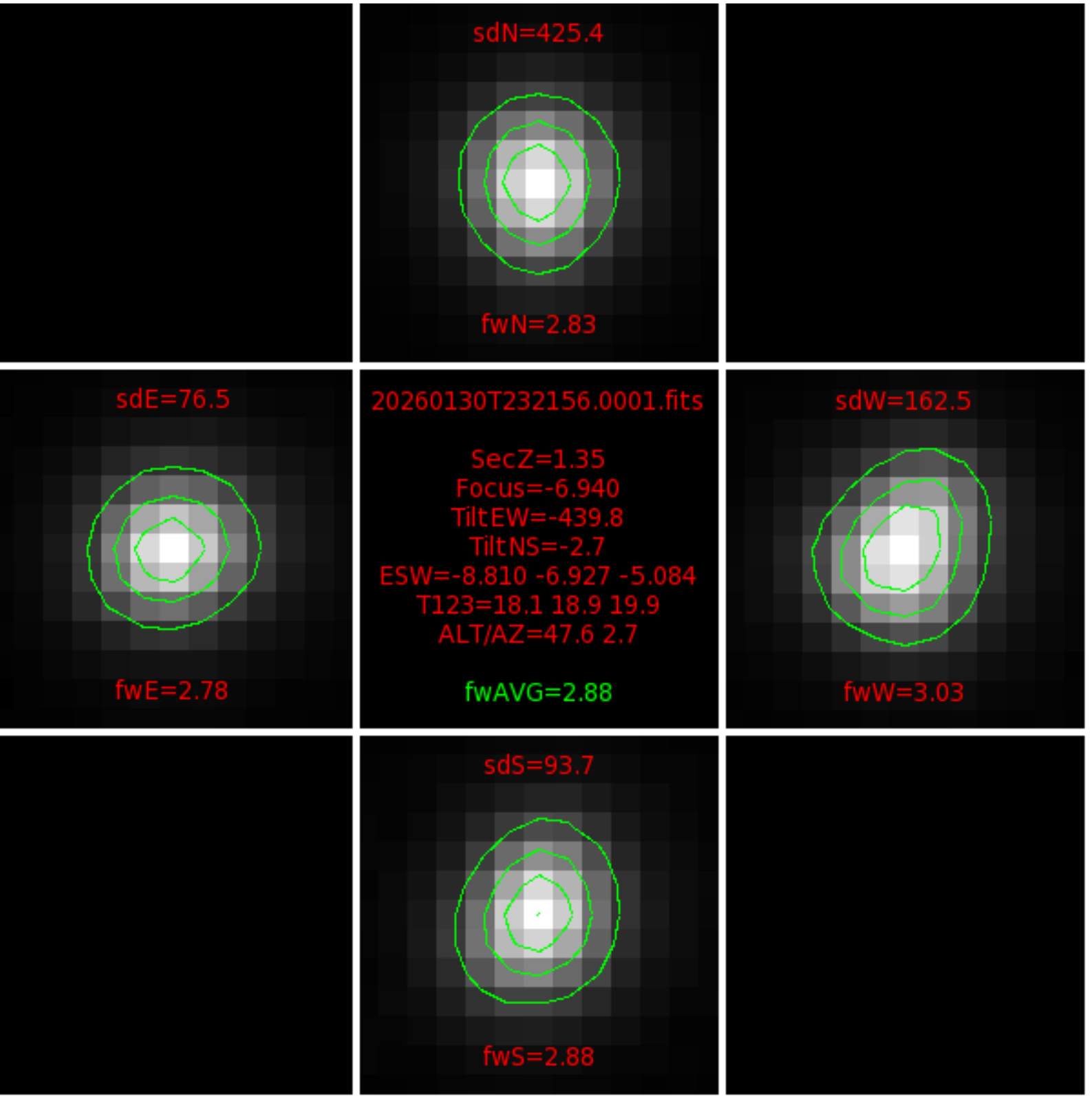
sdN=425.4
fwN=2.83
sdE=76.5
fwE=2.78
20260130T232156.0001.fits
SecZ=1.35
Focus=-6.940
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.810 -6.927 -5.084
T123=18.1 18.9 19.9
ALT/AZ=47.6 2.7
fwAVG=2.88
sdW=162.5
fwW=3.03
sdS=93.7
fwS=2.88
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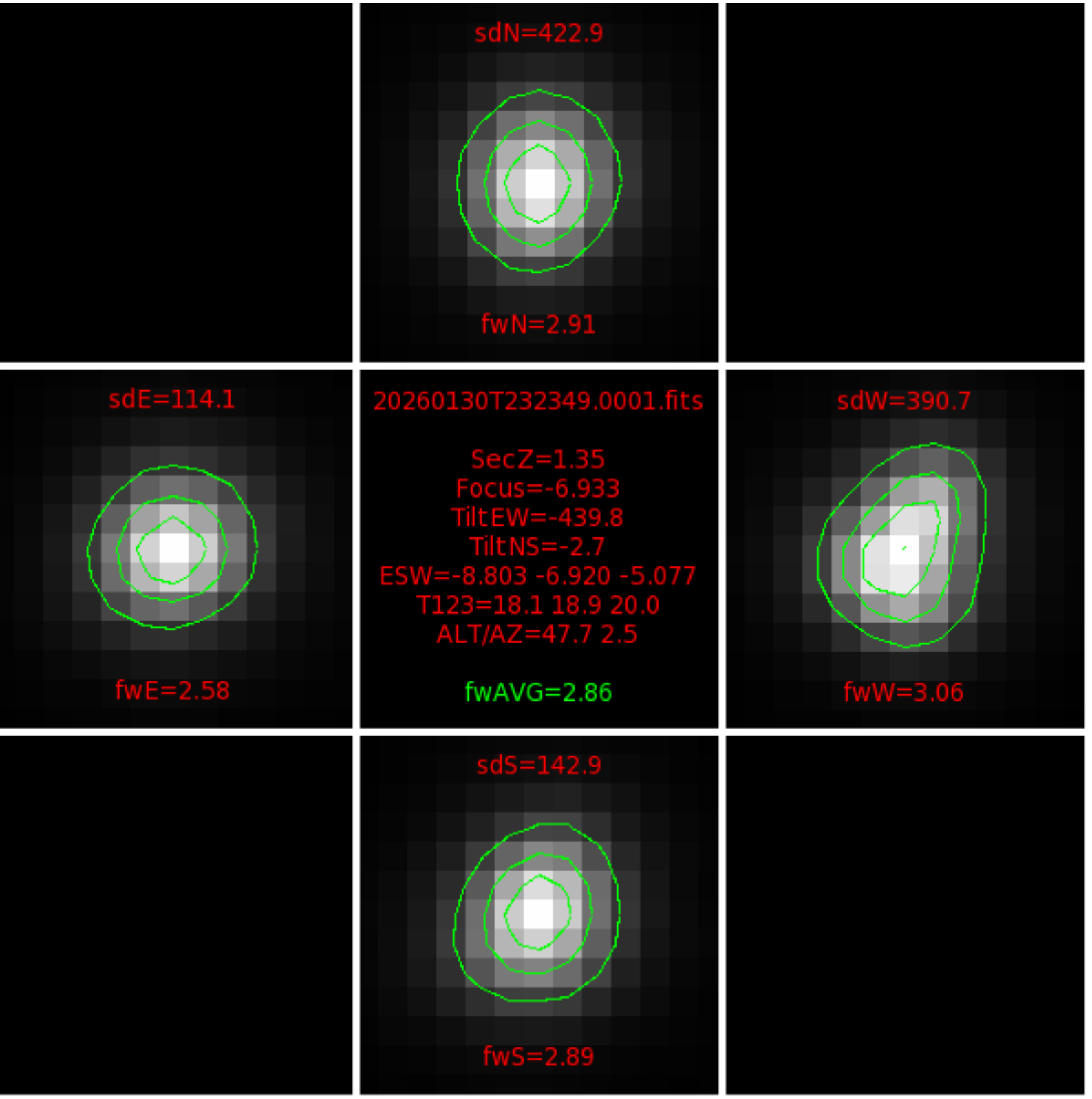
sdN=422.9
fwN=2.91
sdE=114.1
fwE=2.58
20260130T232349.0001.fits
SecZ=1.35
Focus=-6.933
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.803 -6.920 -5.077
T123=18.1 18.9 20.0
ALT/AZ=47.7 2.5
fwAVG=2.86
sdW=390.7
fwW=3.06
sdS=142.9
fwS=2.89
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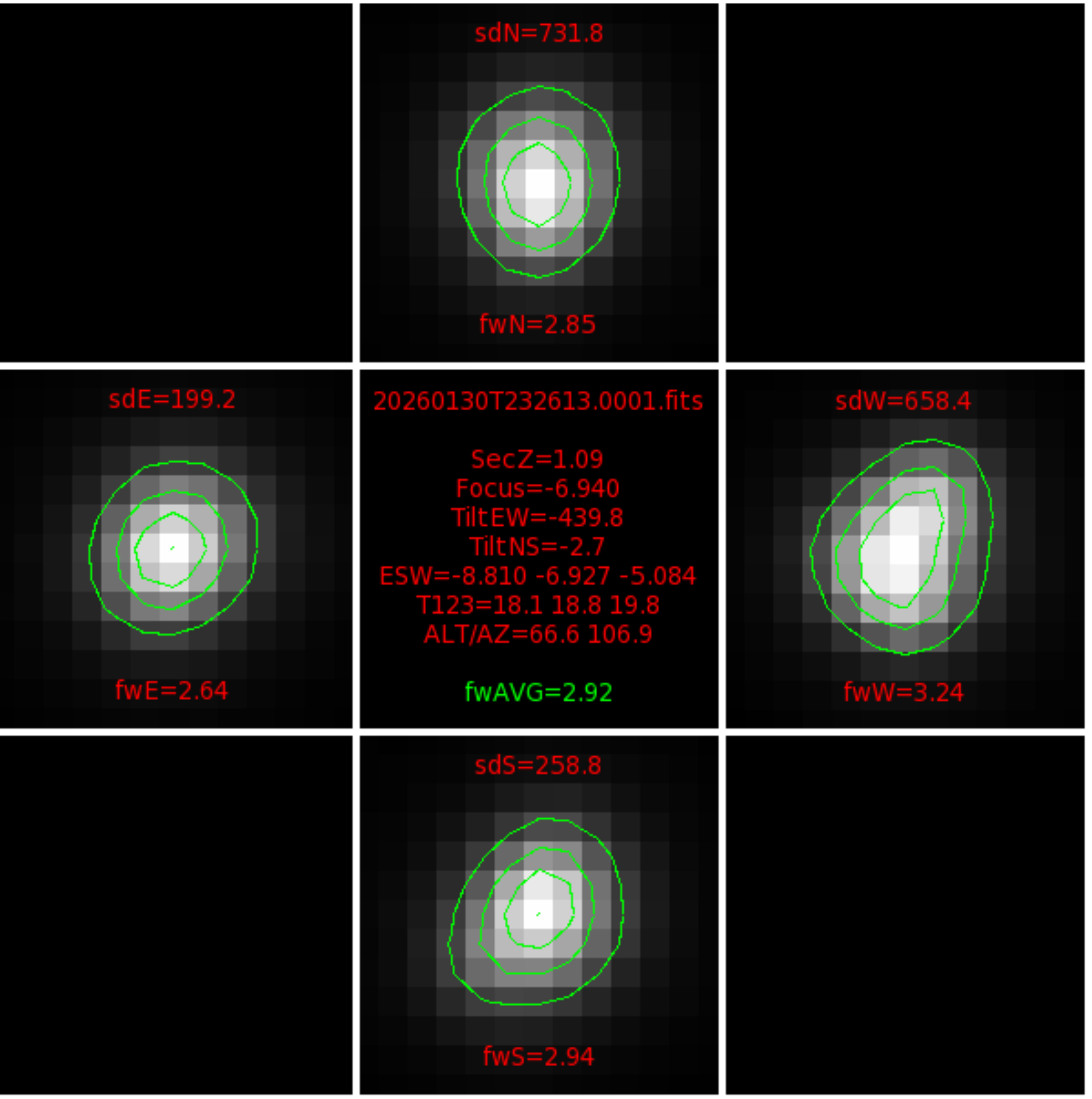
sdN=731.8
fwN=2.85
sdE=199.2
fwE=2.64
20260130T232613.0001.fits
SecZ=1.09
Focus=-6.940
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.810 -6.927 -5.084
T123=18.1 18.8 19.8
ALT/AZ=66.6 106.9
fwAVG=2.92
sdW=658.4
fwW=3.24
sdS=258.8
fwS=2.94
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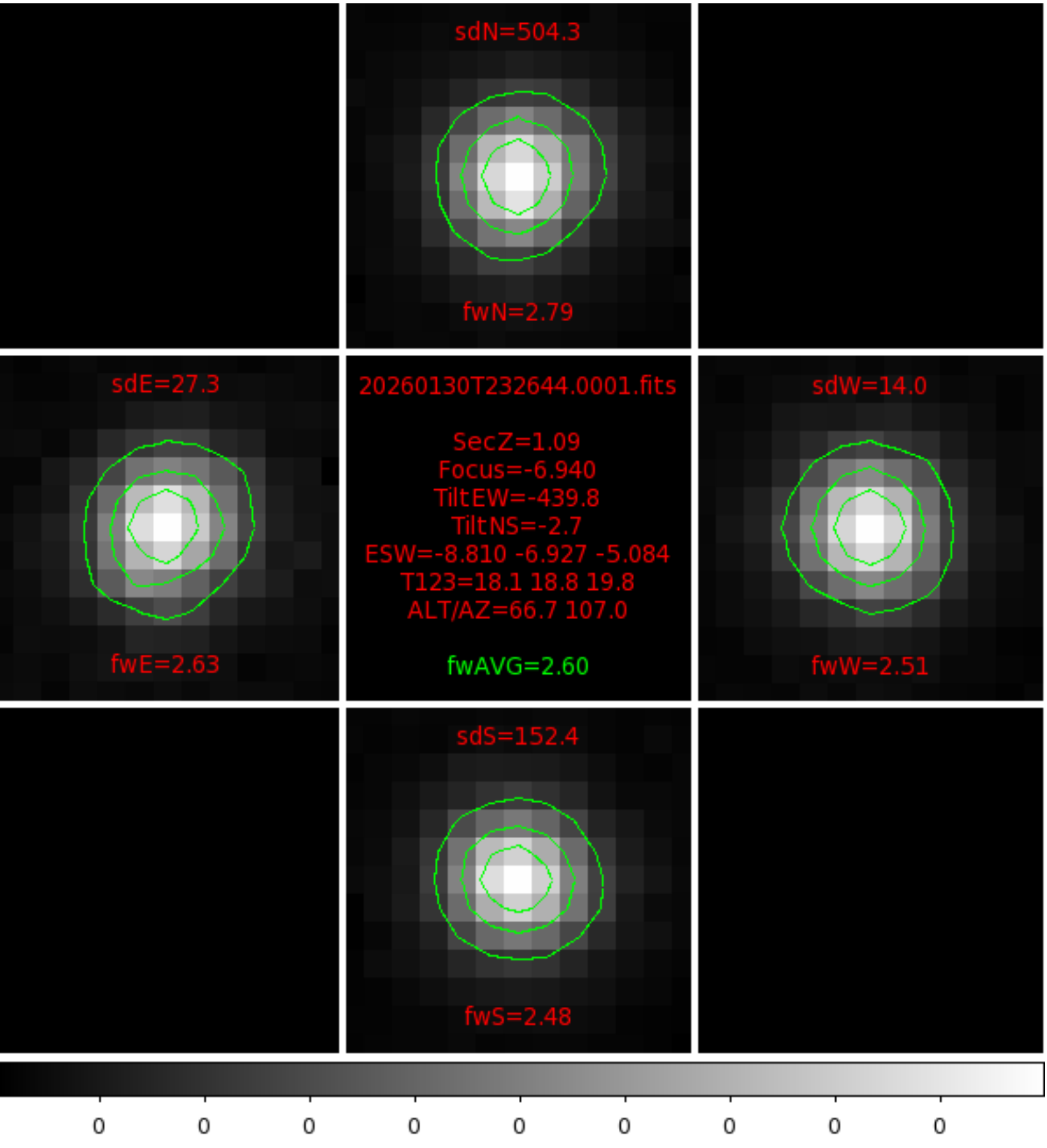
sdN=504.3
fwN=2.79
sdE=27.3
fwE=2.63
20260130T232644.0001.fits
SecZ=1.09
Focus=-6.940
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.810 -6.927 -5.084
T123=18.1 18.8 19.8
ALT/AZ=66.7 107.0
fwAVG=2.60
sdW=14.0
fwW=2.51
sdS=152.4
fwS=2.48
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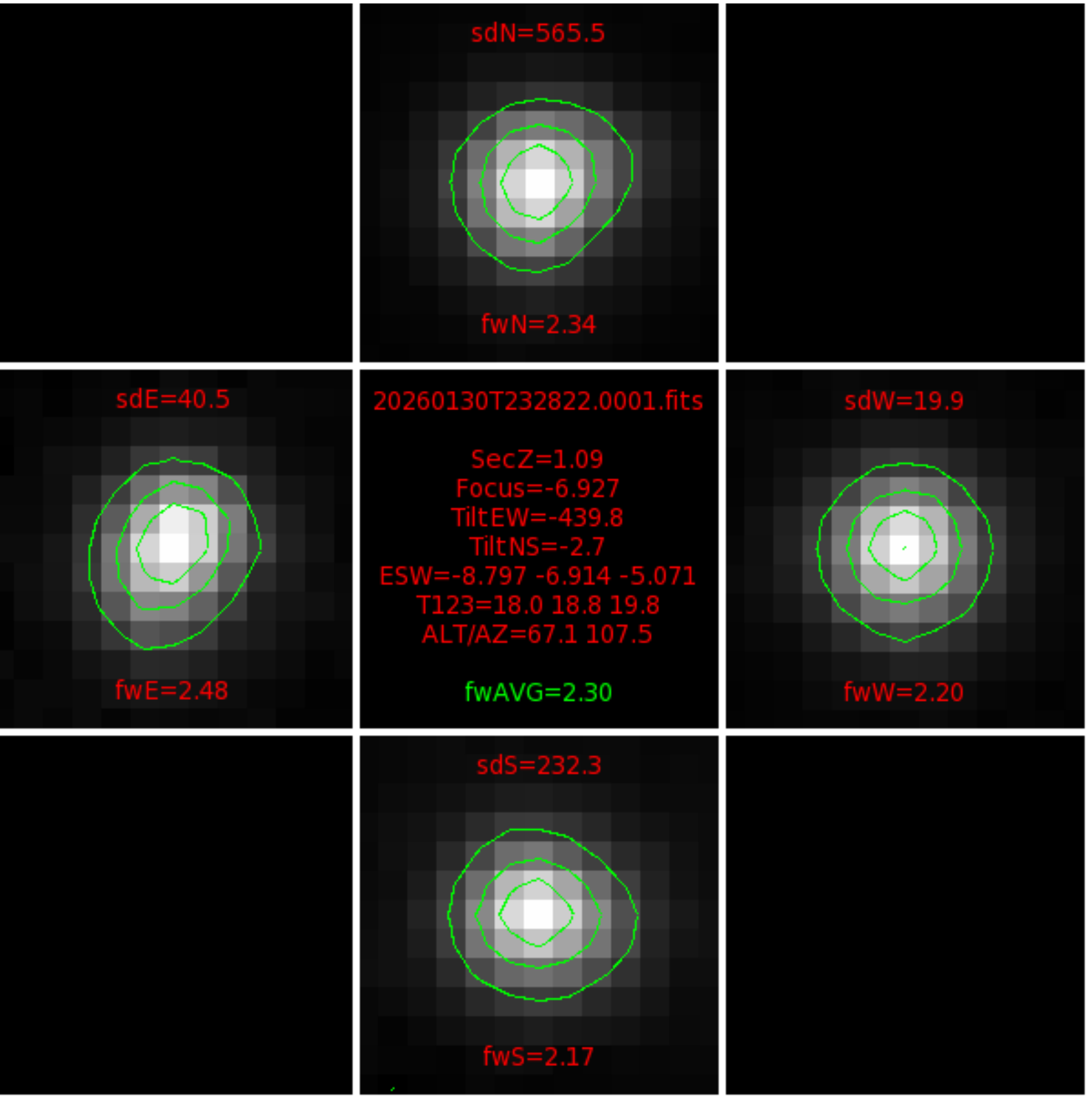
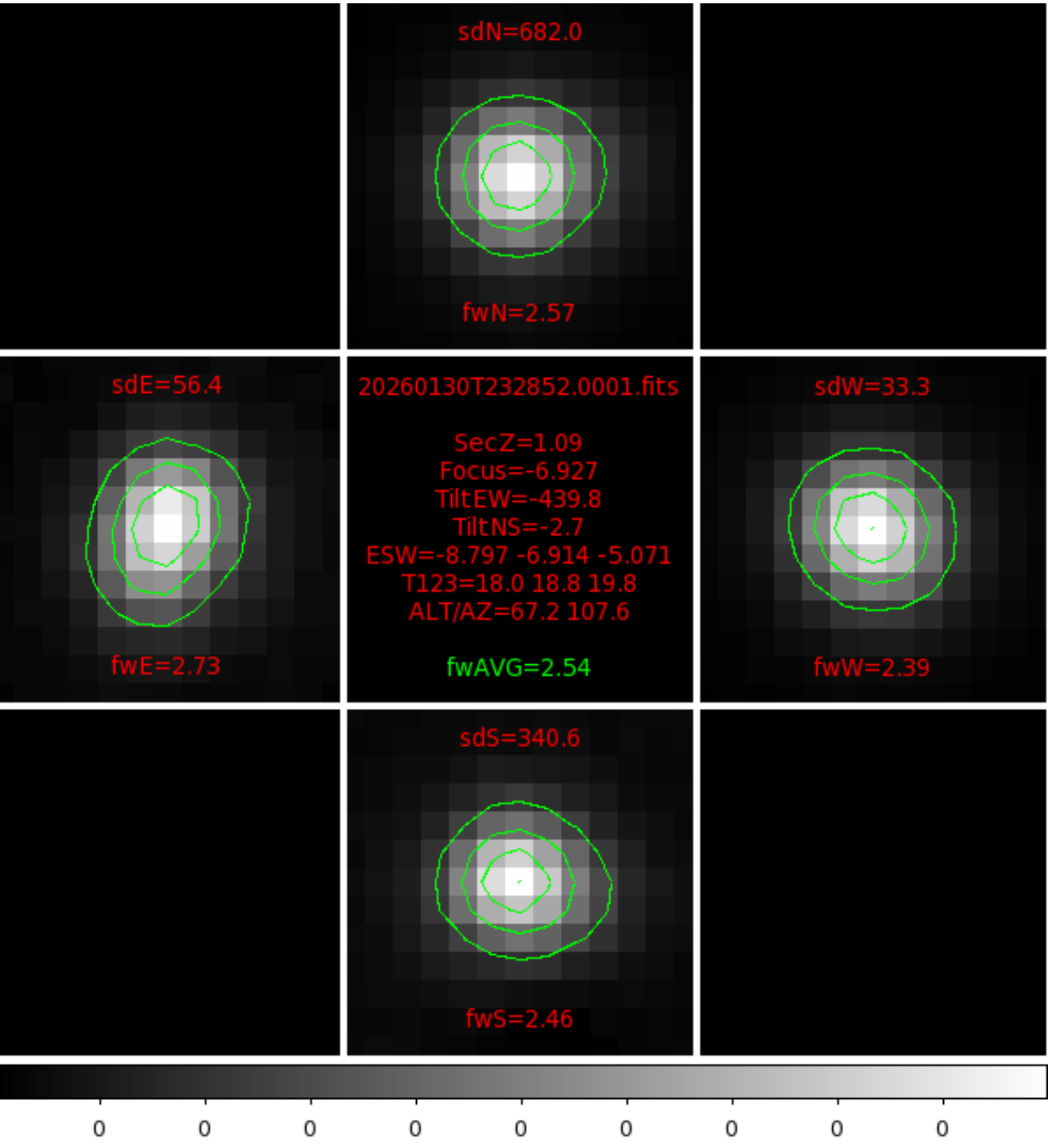
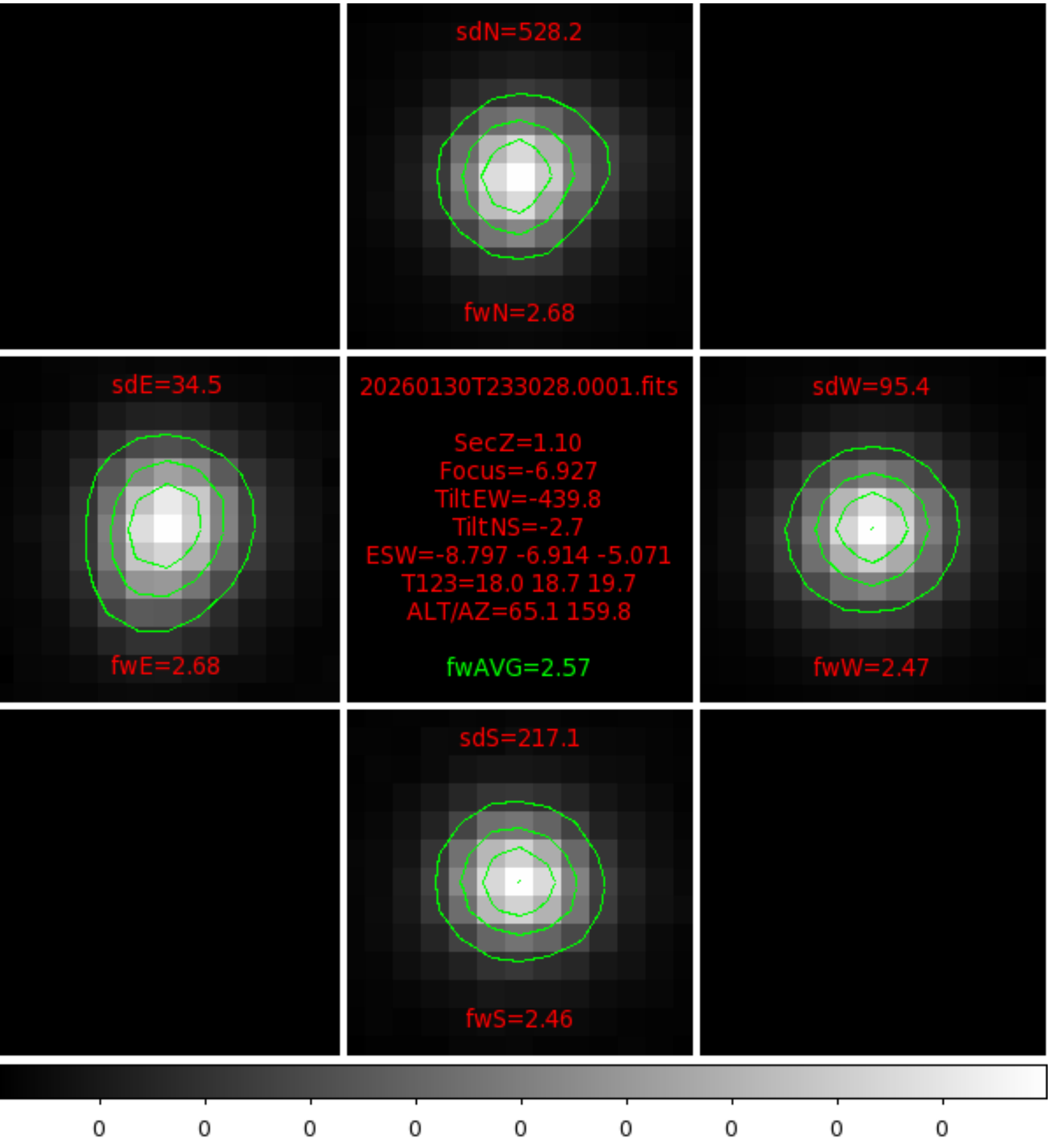
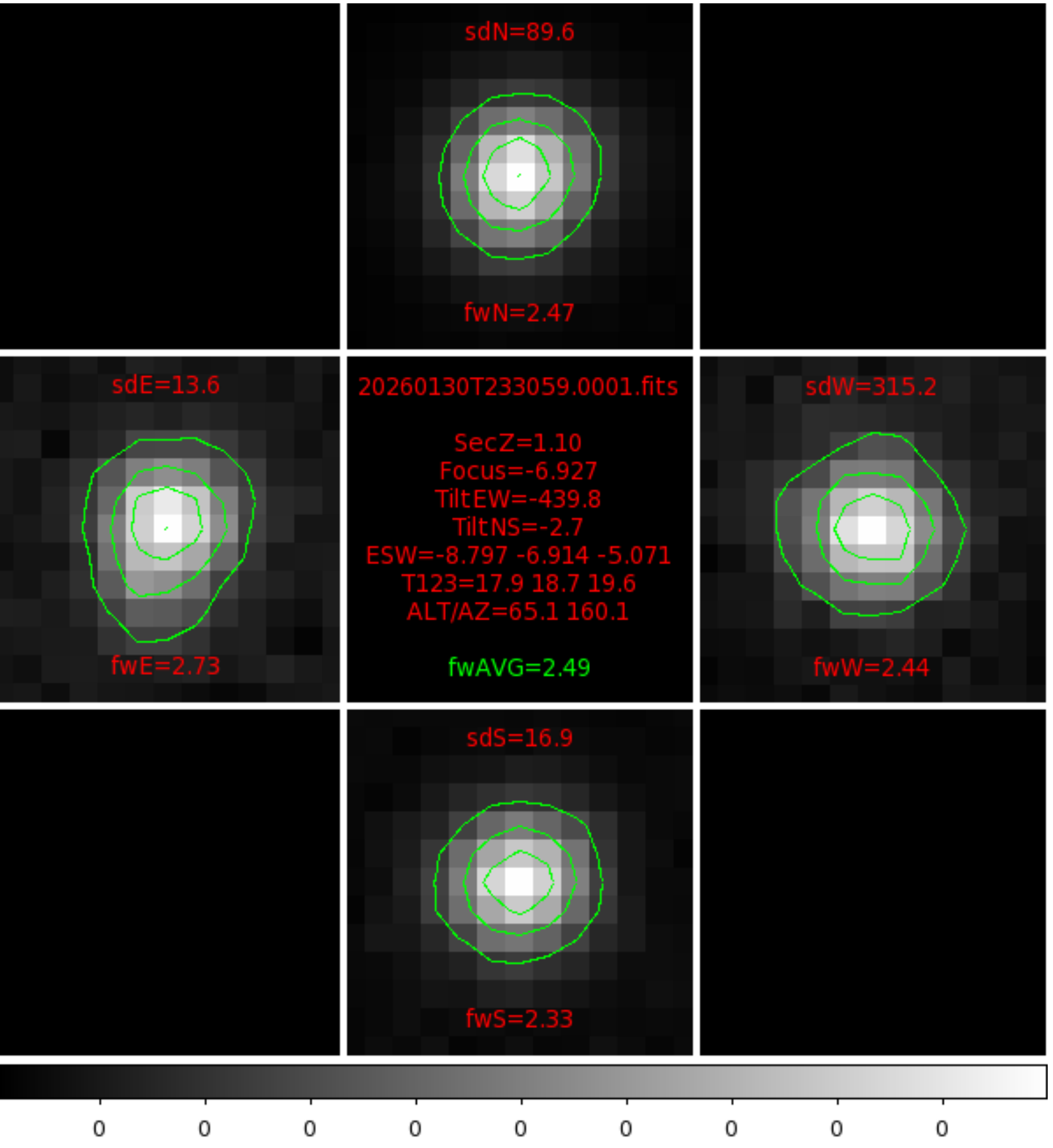
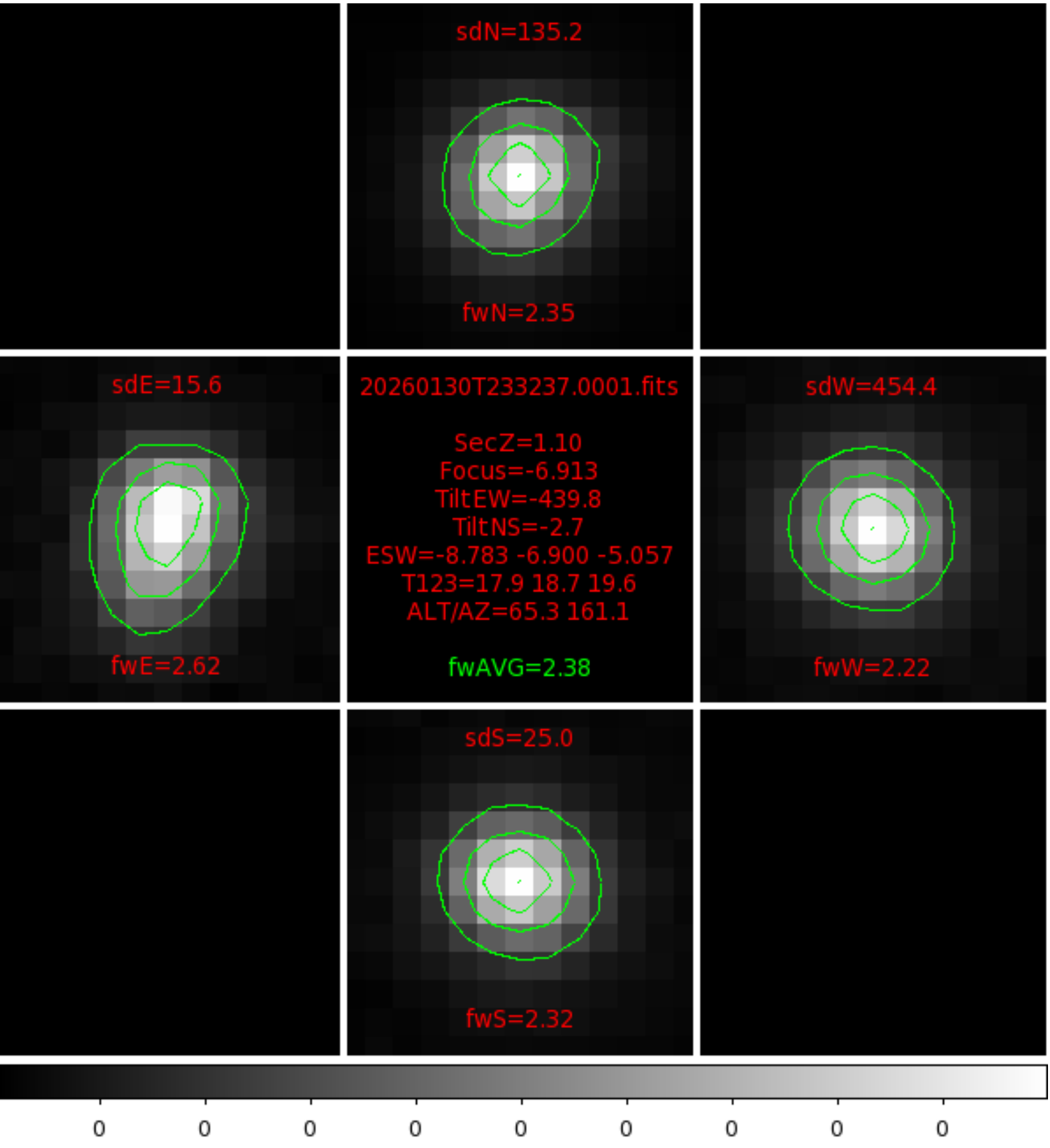
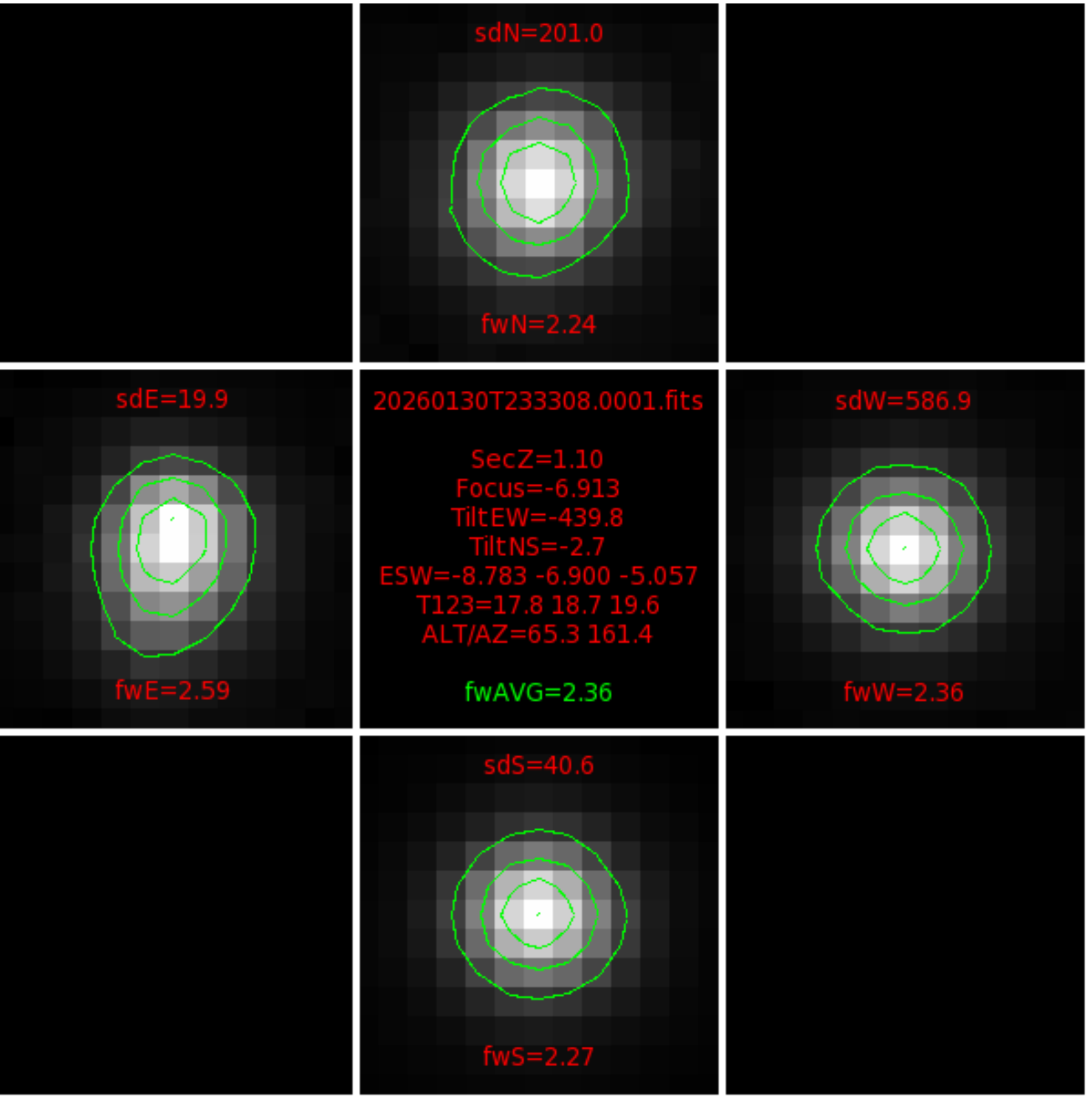

sdN=565.5
fwN=2.34
sdE=40.5
fwE=2.48
20260130T232822.0001.fits
SecZ=1.09
Focus=-6.927
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.797 -6.914 -5.071
T123=18.0 18.8 19.8
ALT/AZ=67.1 107.5
fwAVG=2.30
sdW=19.9
fwW=2.20
sdS=232.3
fwS=2.17
0 0 0 0 0 0 0 0 0

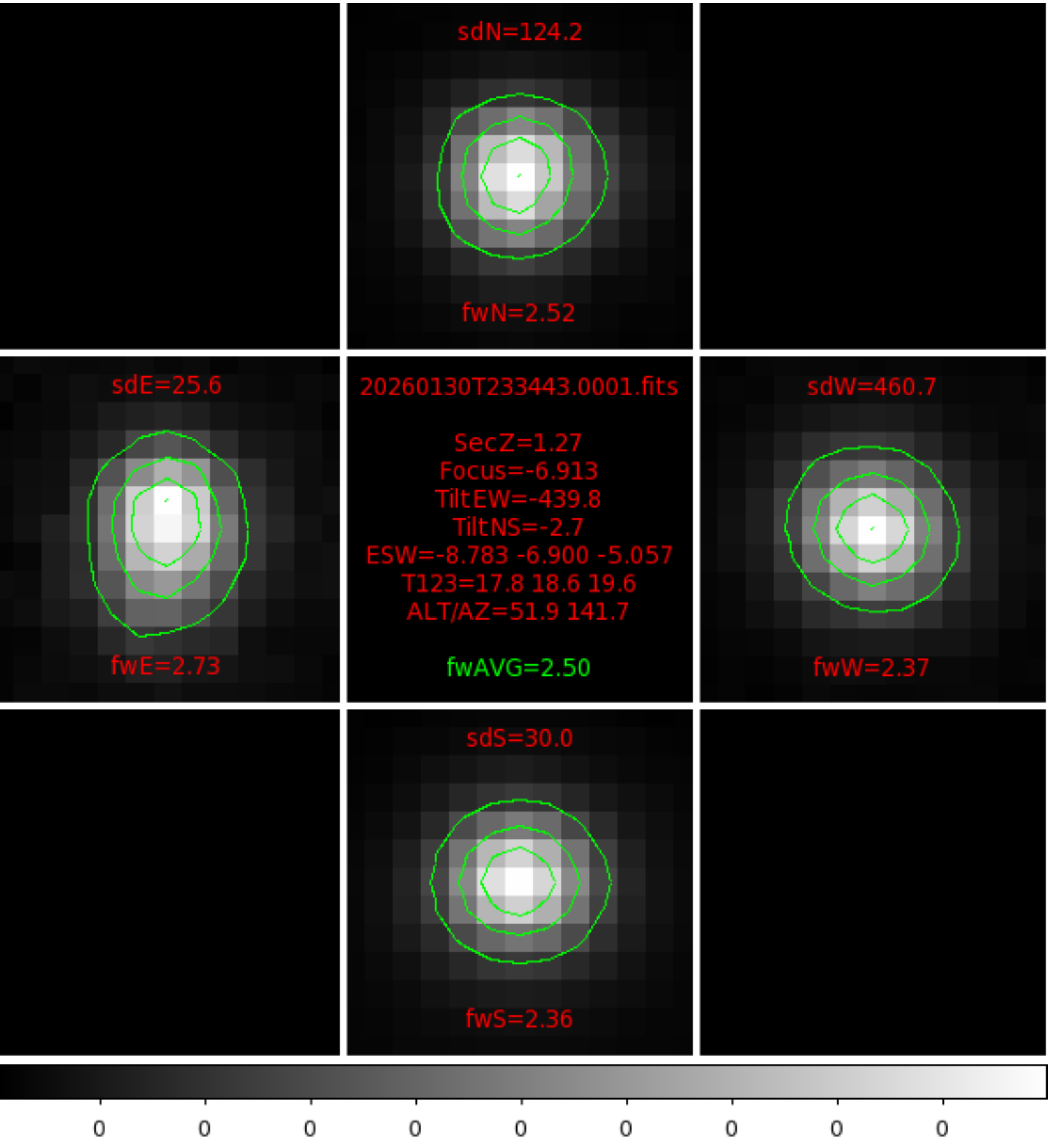

sdN=682.0
fwN=2.57
sdE=56.4
fwE=2.73
20260130T232852.0001.fits
SecZ=1.09
Focus=-6.927
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.797 -6.914 -5.071
T123=18.0 18.8 19.8
ALT/AZ=67.2 107.6
fwAVG=2.54
sdW=33.3
fwW=2.39
sdS=340.6
fwS=2.46
0 0 0 0 0 0 0 0 0

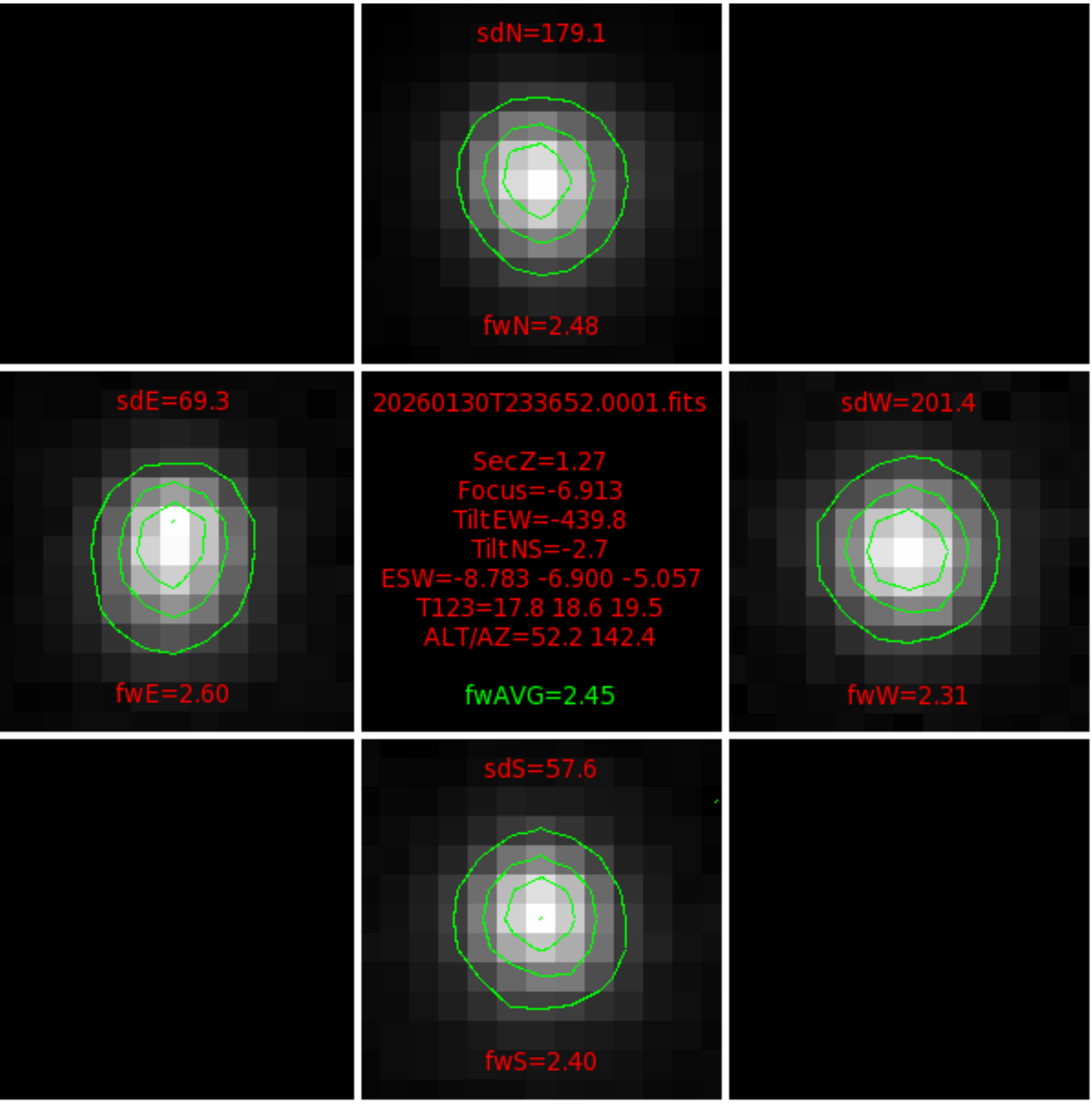

sdN=528.2
fwN=2.68
sdE=34.5
fwE=2.68
20260130T233028.0001.fits
SecZ=1.10
Focus=-6.927
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.797 -6.914 -5.071
T123=18.0 18.7 19.7
ALT/AZ=65.1 159.8
fwAVG=2.57
sdW=95.4
fwW=2.47
sdS=217.1
fwS=2.46
0 0 0 0 0 0 0 0 0


sdN=89.6
fwN=2.47
sdE=13.6
fwE=2.73
20260130T233059.0001.fits
SecZ=1.10
Focus=-6.927
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.797 -6.914 -5.071
T123=17.9 18.7 19.6
ALT/AZ=65.1 160.1
fwAVG=2.49
sdW=315.2
fwW=2.44
sdS=16.9
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=135.2
fwN=2.35
sdE=15.6
fwE=2.62
20260130T233237.0001.fits
SecZ=1.10
Focus=-6.913
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.783 -6.900 -5.057
T123=17.9 18.7 19.6
ALT/AZ=65.3 161.1
fwAVG=2.38
sdW=454.4
fwW=2.22
sdS=25.0
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=201.0
fwN=2.24
sdE=19.9
fwE=2.59
20260130T233308.0001.fits
SecZ=1.10
Focus=-6.913
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.783 -6.900 -5.057
T123=17.8 18.7 19.6
ALT/AZ=65.3 161.4
fwAVG=2.36
sdW=586.9
fwW=2.36
sdS=40.6
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=124.2
fwN=2.52
sdE=25.6
fwE=2.73
20260130T233443.0001.fits
SecZ=1.27
Focus=-6.913
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.783 -6.900 -5.057
T123=17.8 18.6 19.6
ALT/AZ=51.9 141.7
fwAVG=2.50
sdW=460.7
fwW=2.37
sdS=30.0
fwS=2.36
0 0 0 0 0 0 0 0 0


sdN=179.1
fwN=2.48
sdE=69.3
fwE=2.60
20260130T233652.0001.fits
SecZ=1.27
Focus=-6.913
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.783 -6.900 -5.057
T123=17.8 18.6 19.5
ALT/AZ=52.2 142.4
fwAVG=2.45
sdW=201.4
fwW=2.31
sdS=57.6
fwS=2.40
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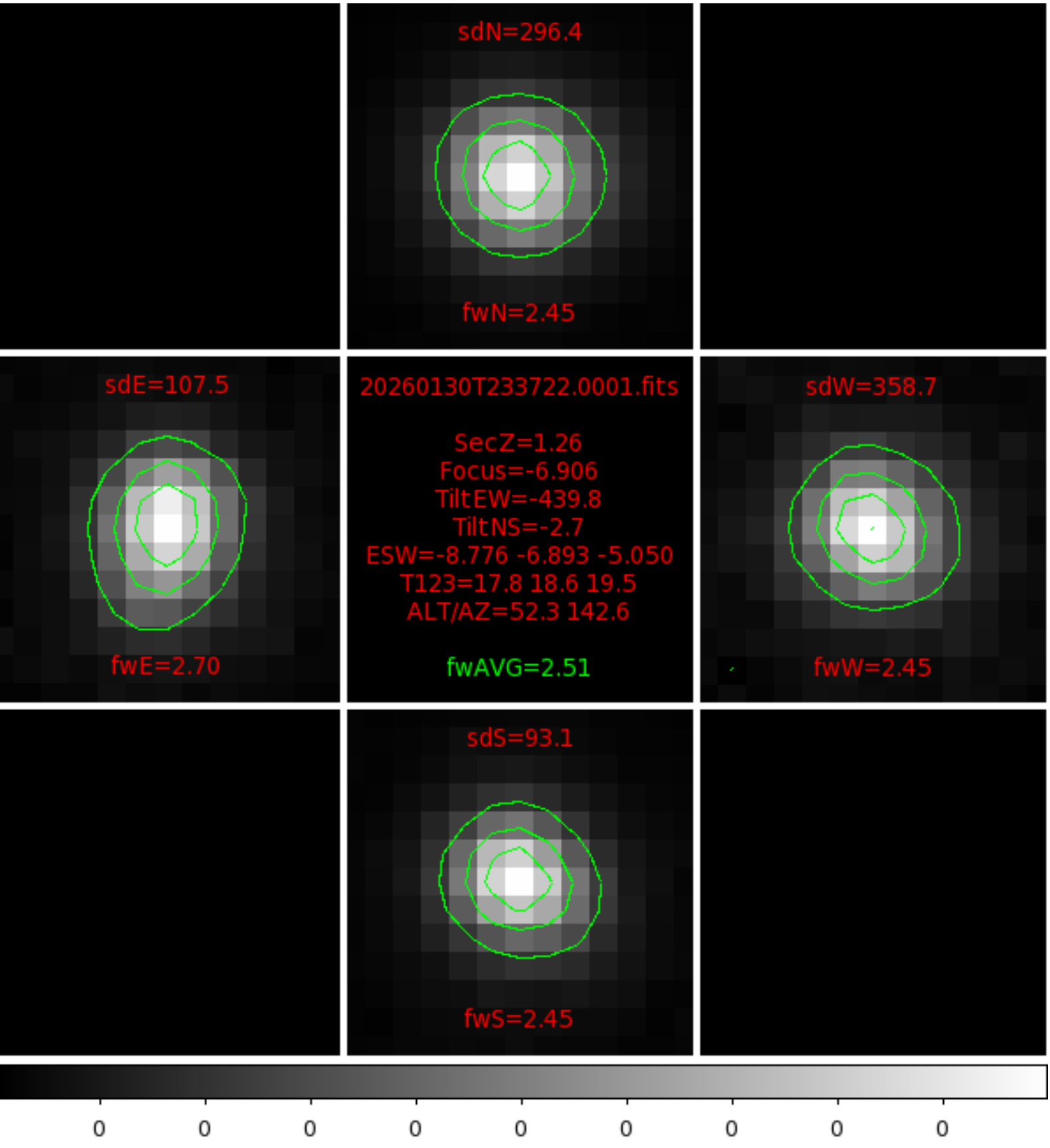
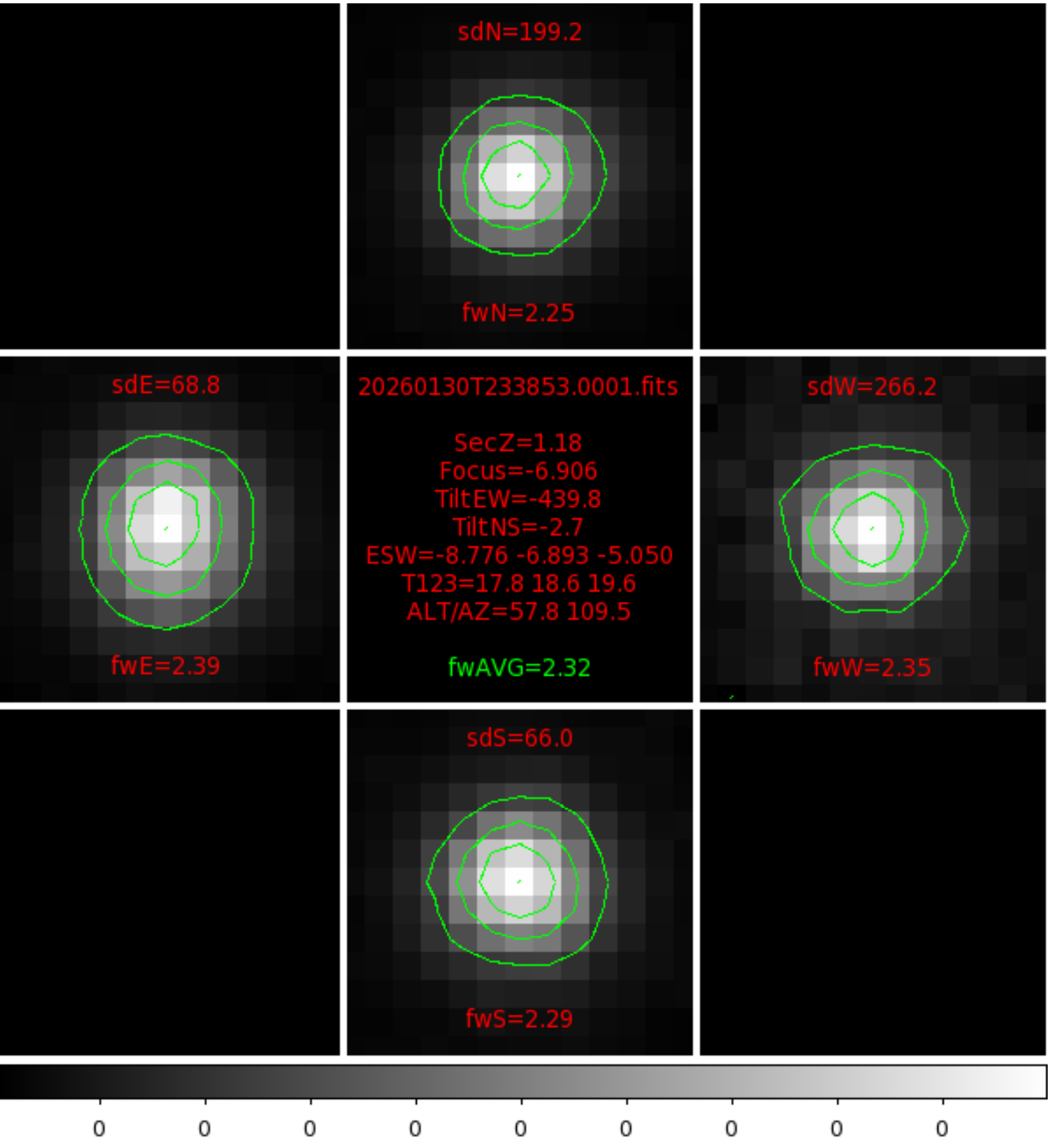
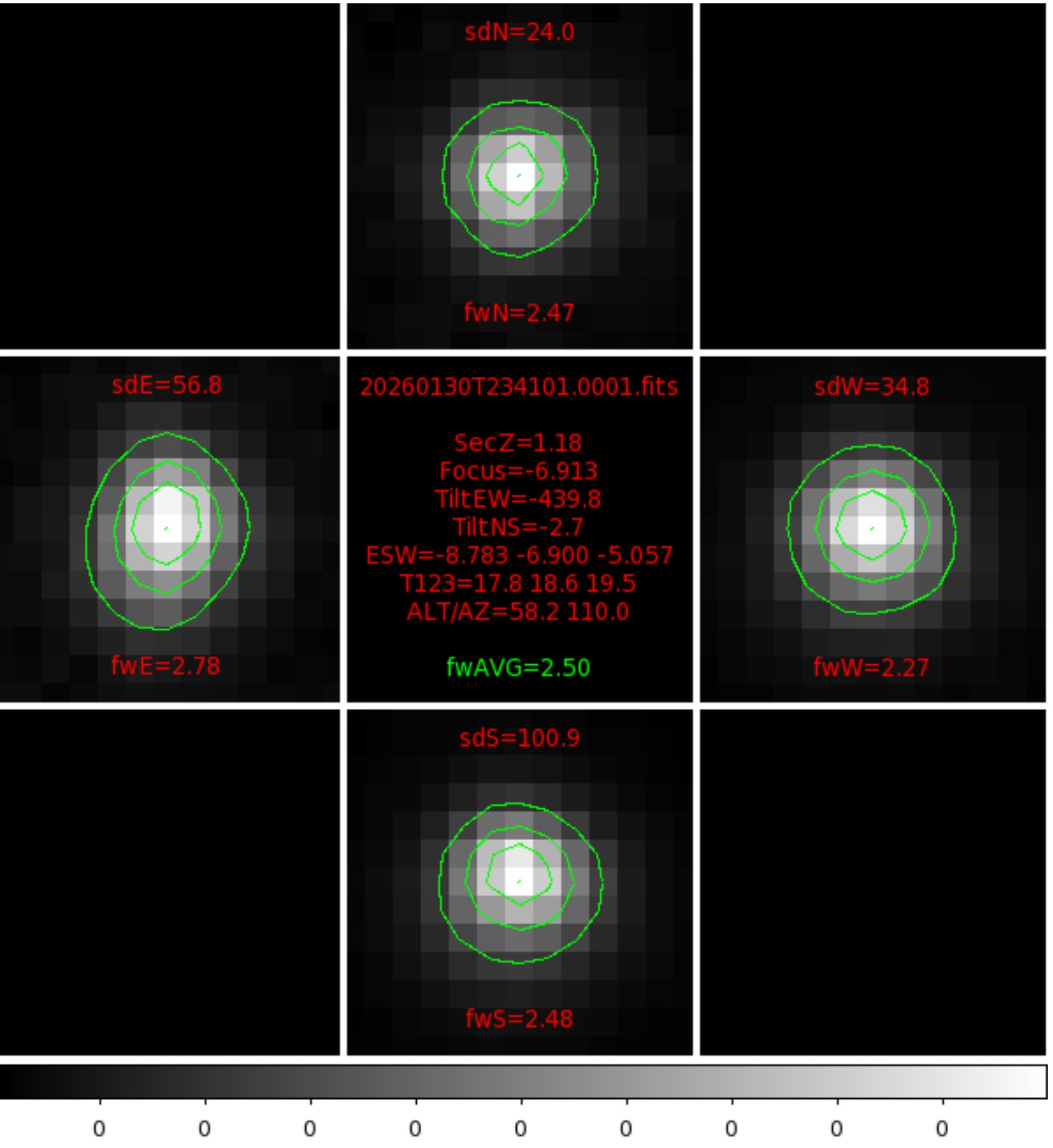
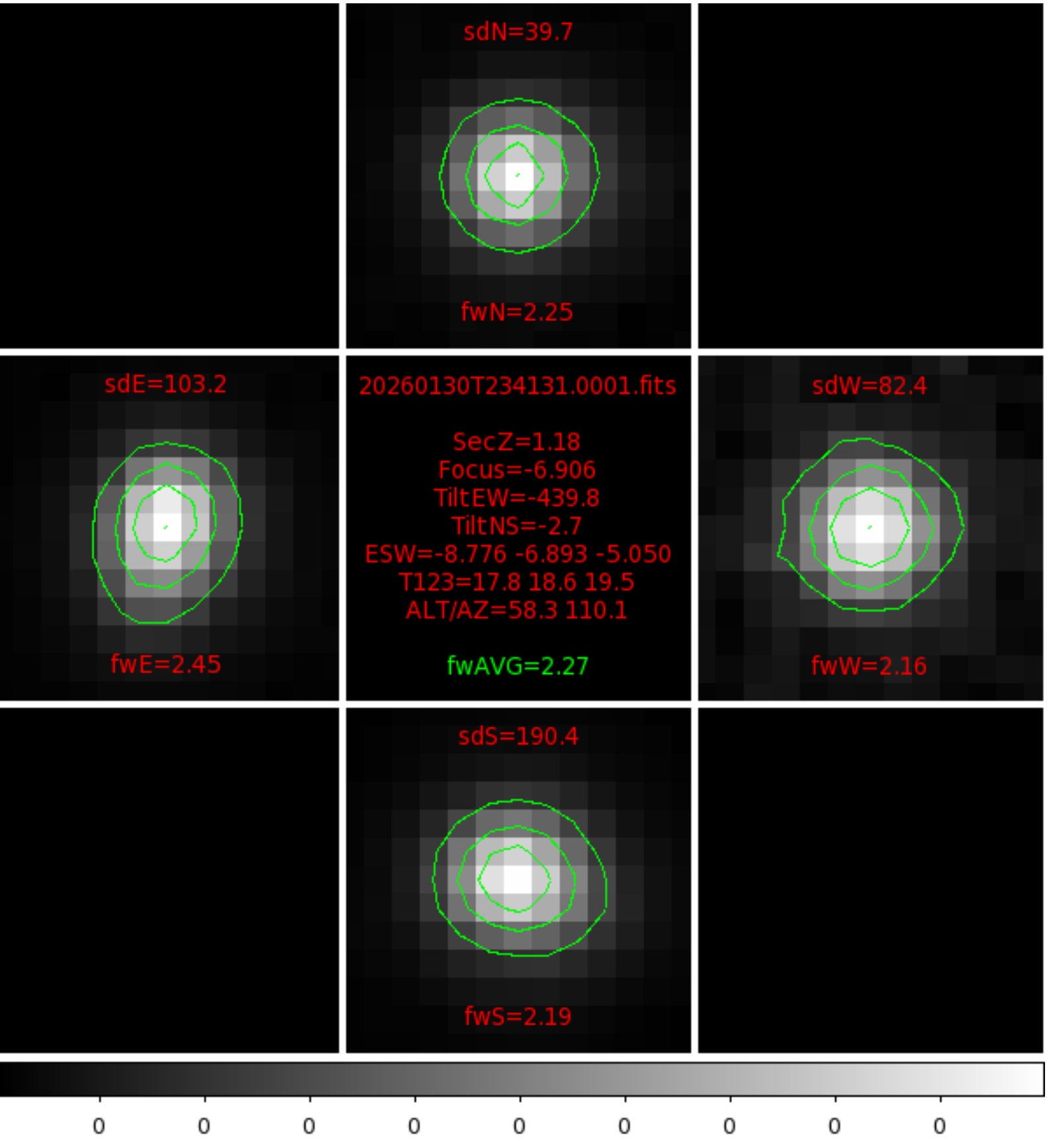

sdN=296.4
fwN=2.45
sdE=107.5
fwE=2.70
20260130T233722.0001.fits
SecZ=1.26
Focus=-6.906
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.776 -6.893 -5.050
T123=17.8 18.6 19.5
ALT/AZ=52.3 142.6
fwAVG=2.51
sdW=358.7
fwW=2.45
sdS=93.1
fwS=2.45
0 0 0 0 0 0 0 0 0


sdN=199.2
fwN=2.25
sdE=68.8
fwE=2.39
20260130T233853.0001.fits
SecZ=1.18
Focus=-6.906
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.776 -6.893 -5.050
T123=17.8 18.6 19.6
ALT/AZ=57.8 109.5
fwAVG=2.32
sdW=266.2
fwW=2.35
sdS=66.0
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=24.0
fwN=2.47
sdE=56.8
fwE=2.78
20260130T234101.0001.fits
SecZ=1.18
Focus=-6.913
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.783 -6.900 -5.057
T123=17.8 18.6 19.5
ALT/AZ=58.2 110.0
fwAVG=2.50
sdW=34.8
fwW=2.27
sdS=100.9
fwS=2.48
0 0 0 0 0 0 0 0 0


sdN=39.7
fwN=2.25
sdE=103.2
fwE=2.45
20260130T234131.0001.fits
SecZ=1.18
Focus=-6.906
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.776 -6.893 -5.050
T123=17.8 18.6 19.5
ALT/AZ=58.3 110.1
fwAVG=2.27
sdW=82.4
fwW=2.16
sdS=190.4
fwS=2.19
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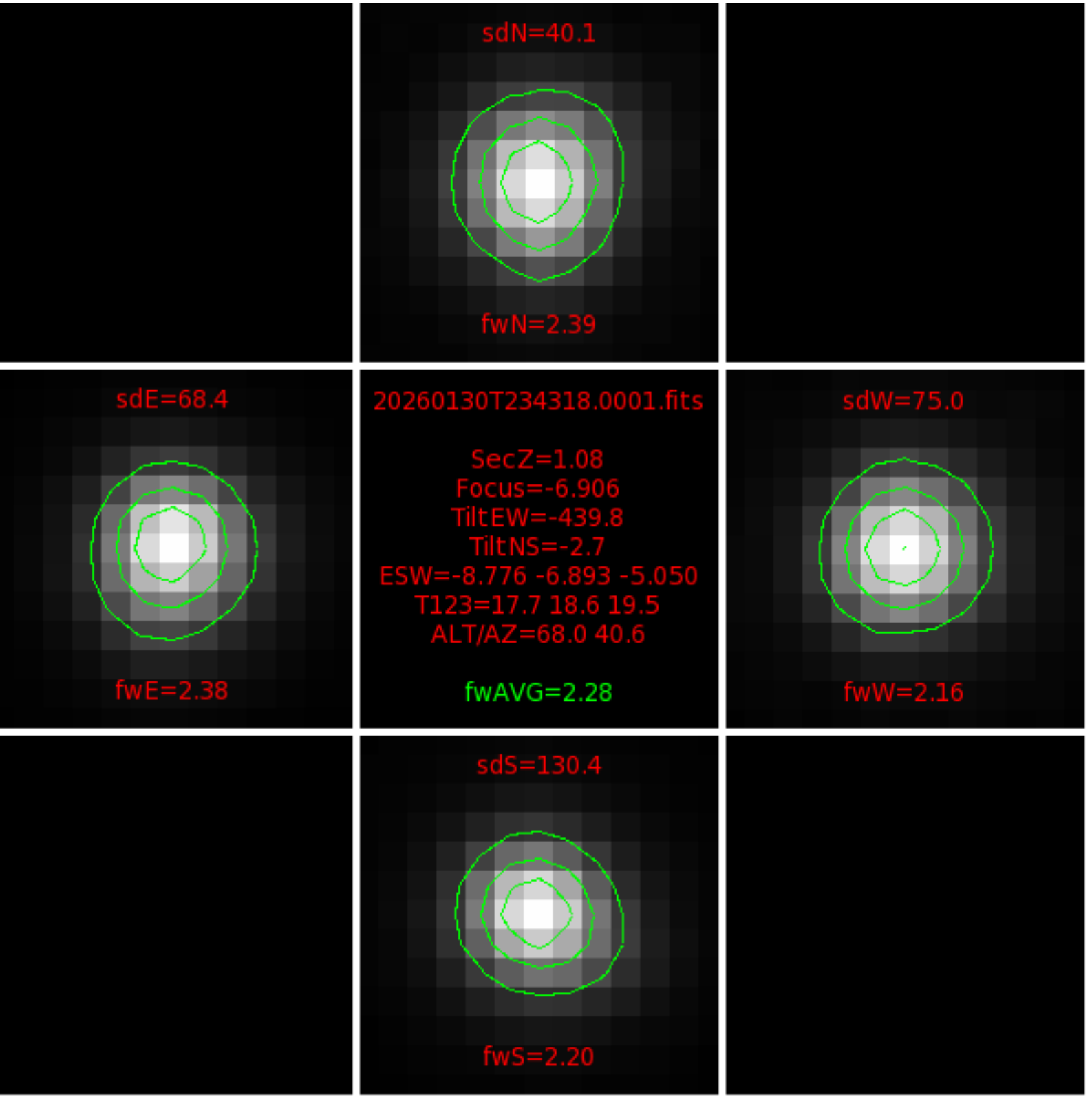
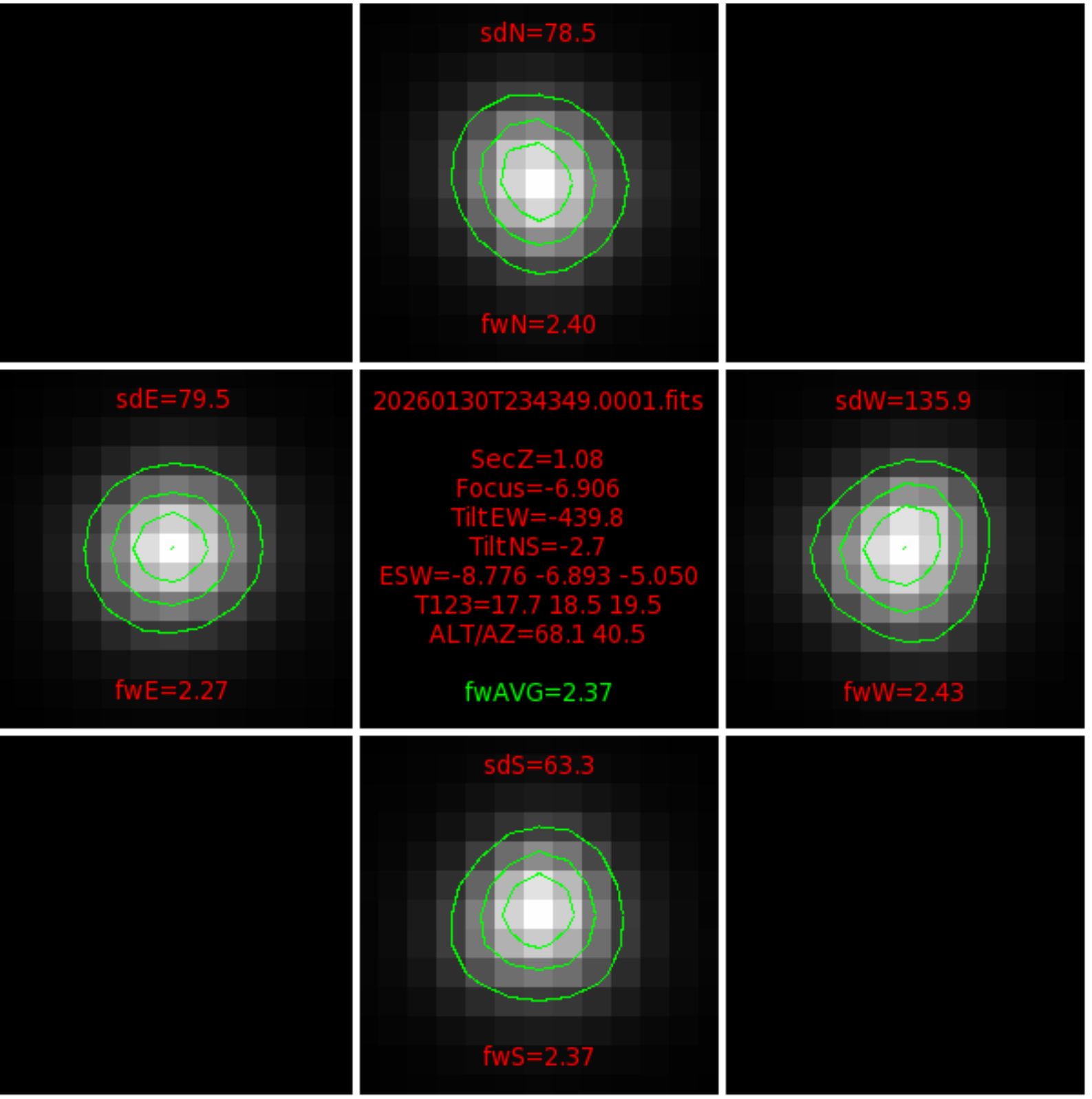

sdN=40.1
fwN=2.39
sdE=68.4
fwE=2.38
20260130T234318.0001.fits
SecZ=1.08
Focus=-6.906
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.776 -6.893 -5.050
T123=17.7 18.6 19.5
ALT/AZ=68.0 40.6
fwAVG=2.28
sdW=75.0
fwW=2.16
sdS=130.4
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=78.5
fwN=2.40
sdE=79.5
fwE=2.27
20260130T234349.0001.fits
SecZ=1.08
Focus=-6.906
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.776 -6.893 -5.050
T123=17.7 18.5 19.5
ALT/AZ=68.1 40.5
fwAVG=2.37
sdW=135.9
fwW=2.43
sdS=63.3
fwS=2.37
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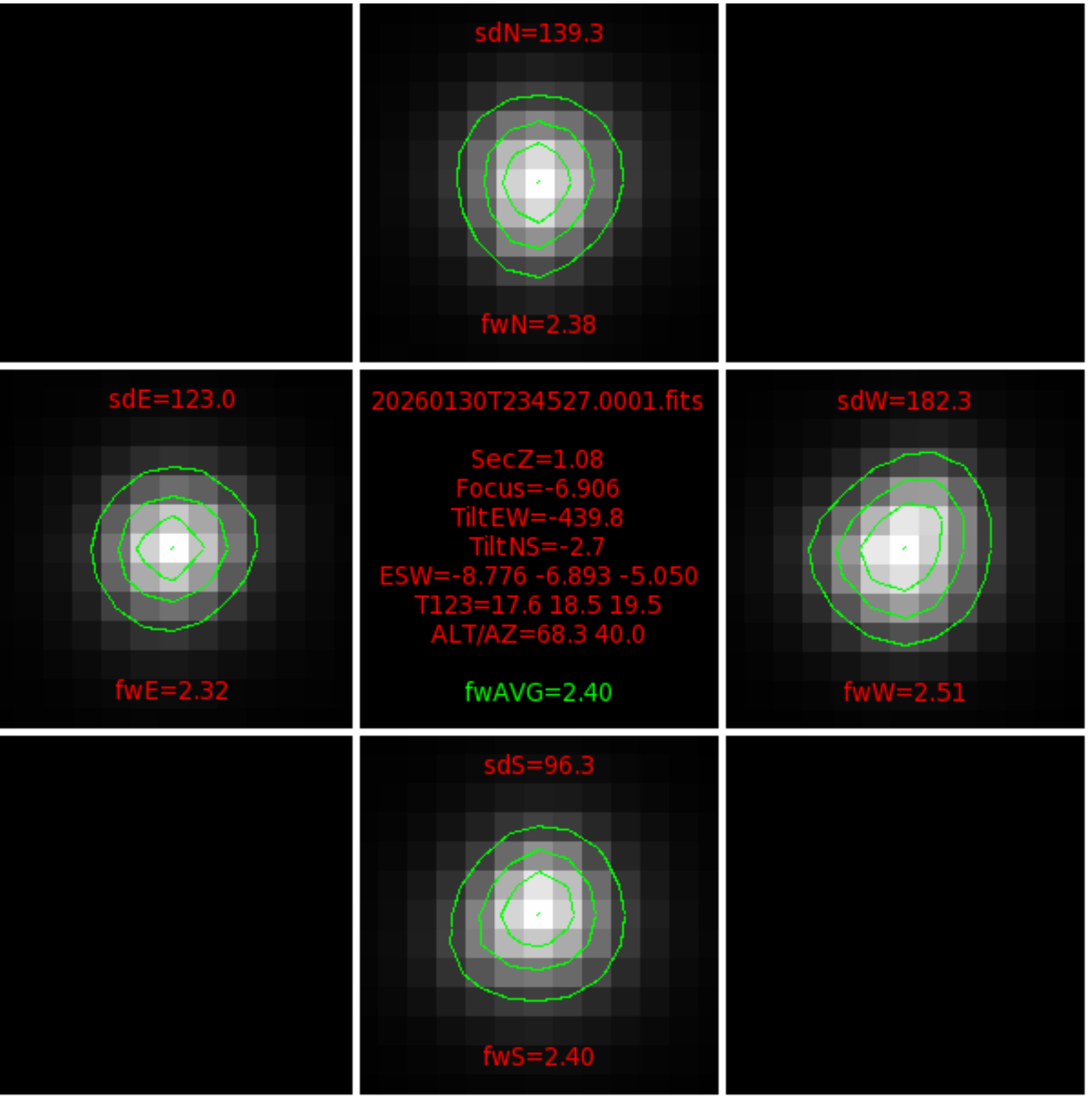
sdN=139.3
fwN=2.38
sdE=123.0
fwE=2.32
20260130T234527.0001.fits
SecZ=1.08
Focus=-6.906
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.776 -6.893 -5.050
T123=17.6 18.5 19.5
ALT/AZ=68.3 40.0
fwAVG=2.40
sdW=182.3
fwW=2.51
sdS=96.3
fwS=2.40
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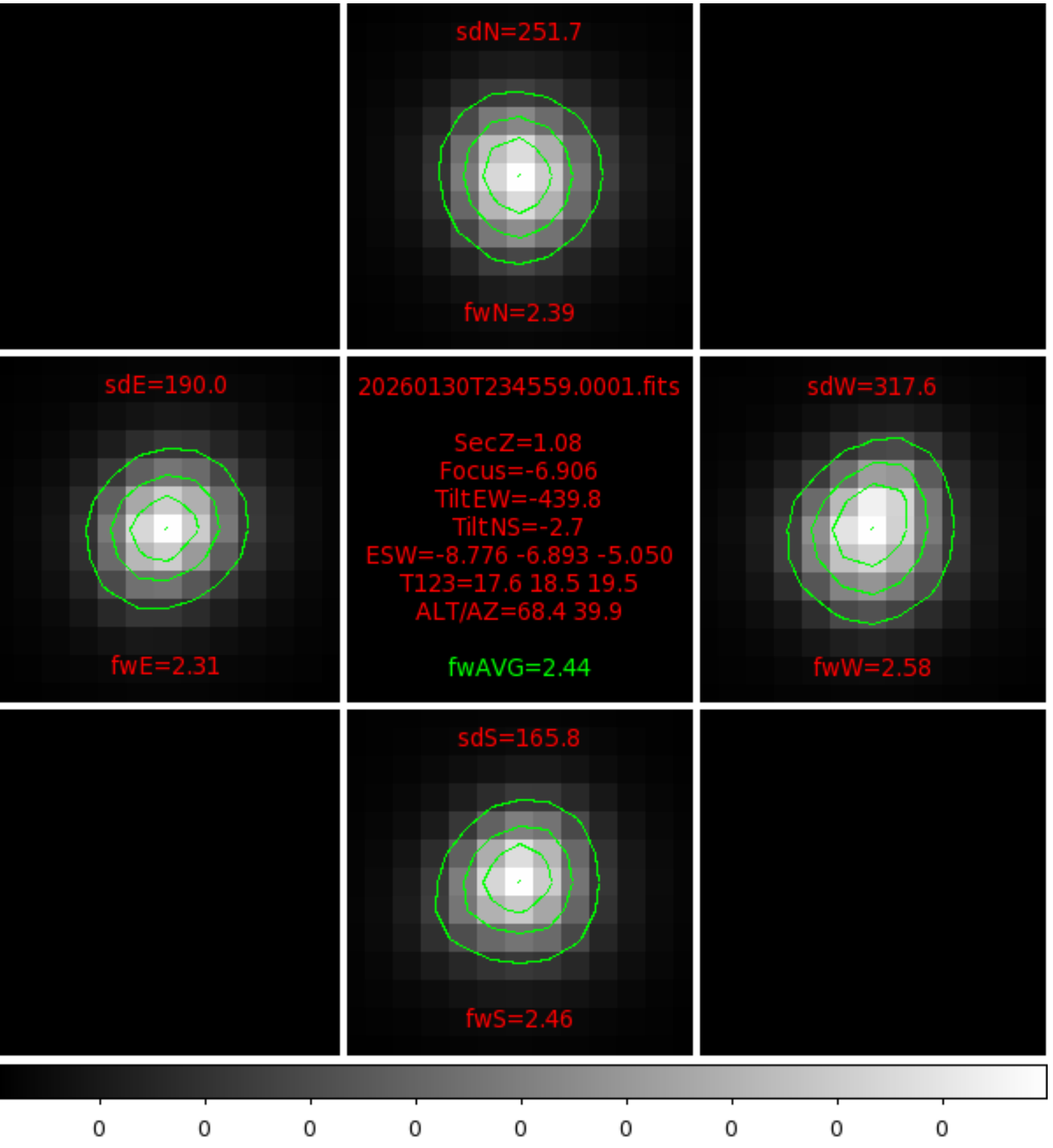
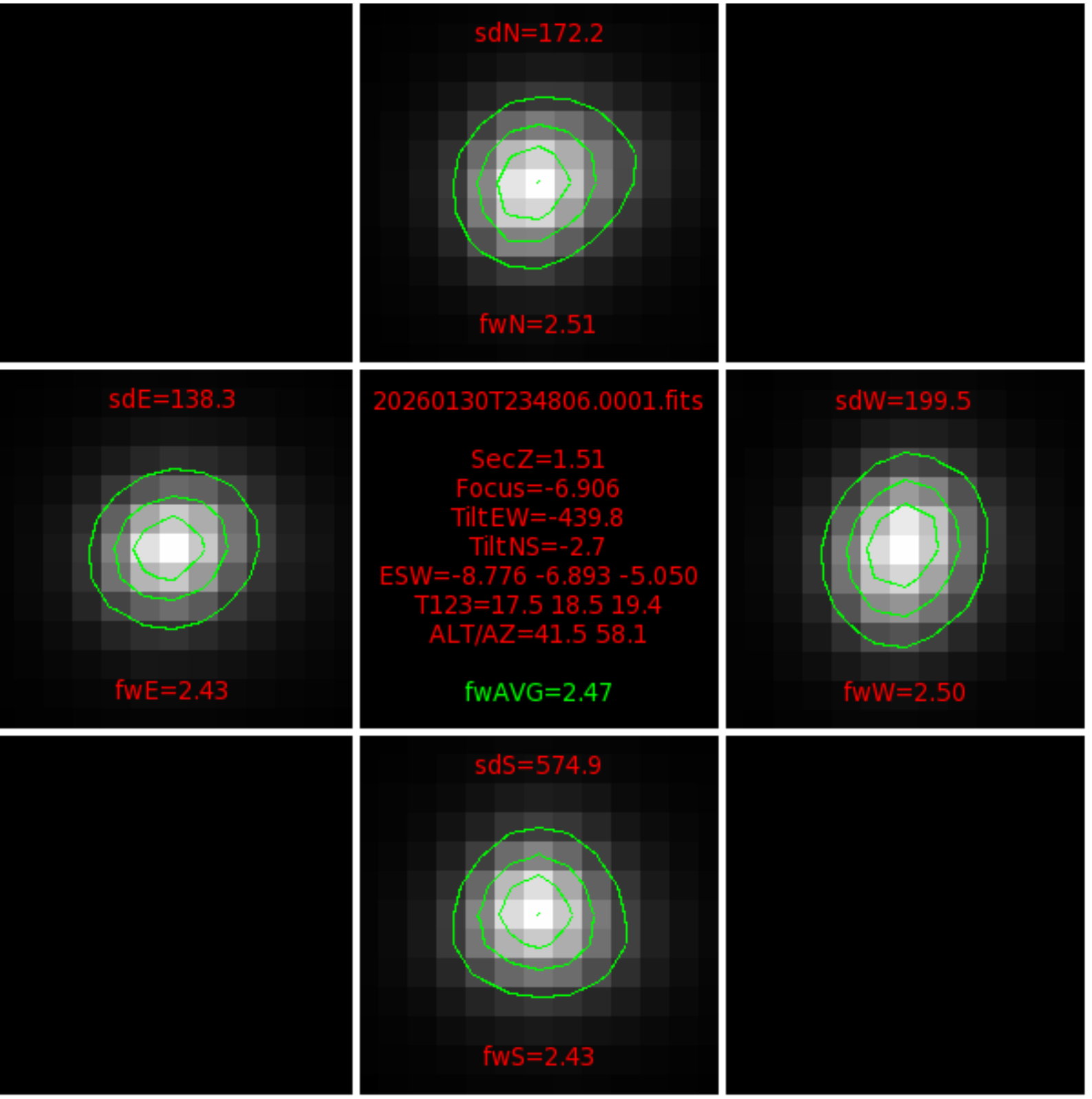
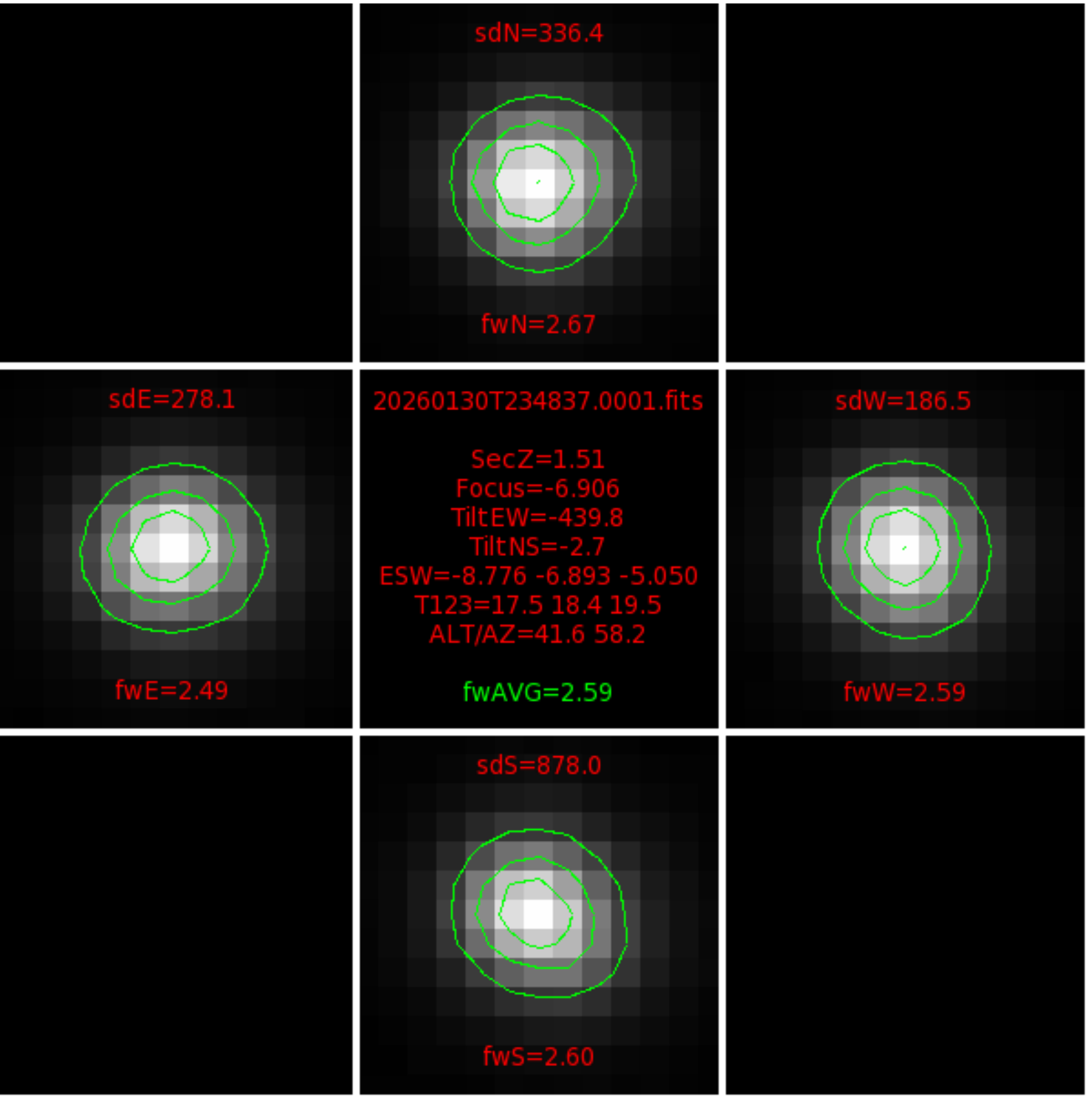
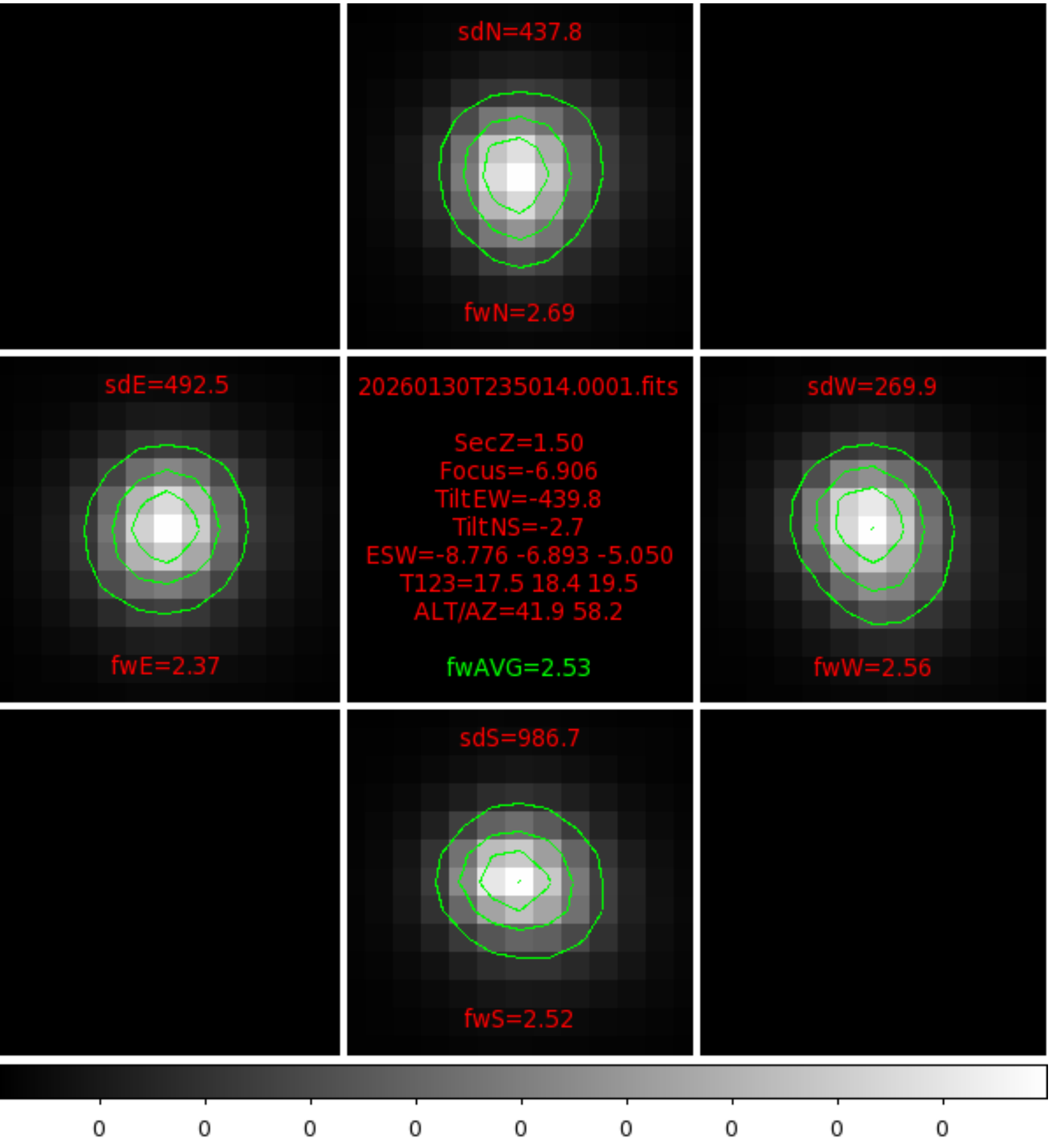

sdN=251.7
fwN=2.39
sdE=190.0
fwE=2.31
20260130T234559.0001.fits
SecZ=1.08
Focus=-6.906
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.776 -6.893 -5.050
T123=17.6 18.5 19.5
ALT/AZ=68.4 39.9
fwAVG=2.44
sdW=317.6
fwW=2.58
sdS=165.8
fwS=2.46
0 0 0 0 0 0 0 0 0


sdN=172.2
fwN=2.51
sdE=138.3
fwE=2.43
20260130T234806.0001.fits
SecZ=1.51
Focus=-6.906
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.776 -6.893 -5.050
T123=17.5 18.5 19.4
ALT/AZ=41.5 58.1
fwAVG=2.47
sdW=199.5
fwW=2.50
sdS=574.9
fwS=2.43
0 0 0 0 0 0 0 0 0


sdN=336.4
fwN=2.67
sdE=278.1
fwE=2.49
20260130T234837.0001.fits
SecZ=1.51
Focus=-6.906
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.776 -6.893 -5.050
T123=17.5 18.4 19.5
ALT/AZ=41.6 58.2
fwAVG=2.59
sdW=186.5
fwW=2.59
sdS=878.0
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=437.8
fwN=2.69
sdE=492.5
fwE=2.37
20260130T235014.0001.fits
SecZ=1.50
Focus=-6.906
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.776 -6.893 -5.050
T123=17.5 18.4 19.5
ALT/AZ=41.9 58.2
fwAVG=2.53
sdW=269.9
fwW=2.56
sdS=986.7
fwS=2.52
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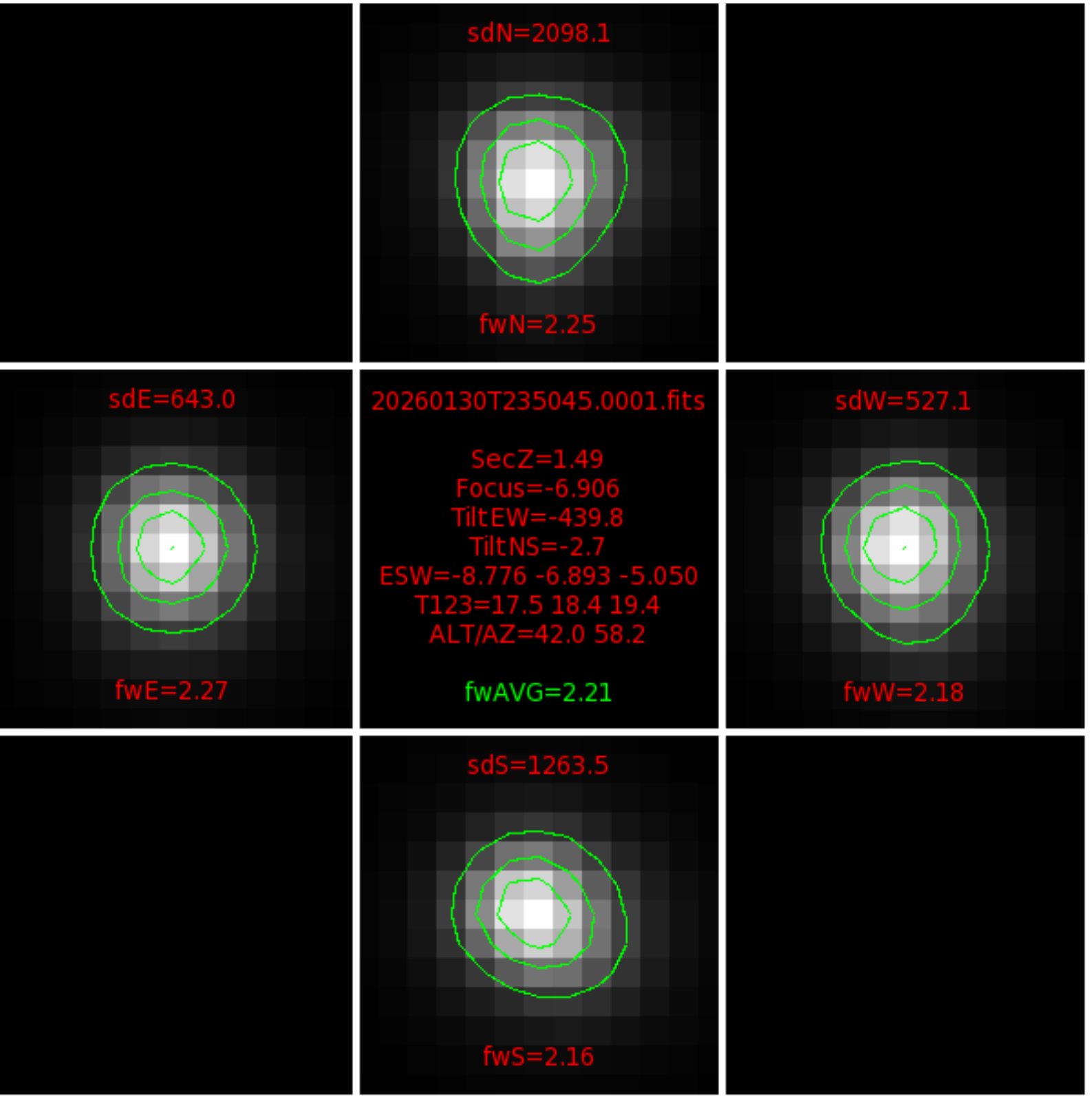
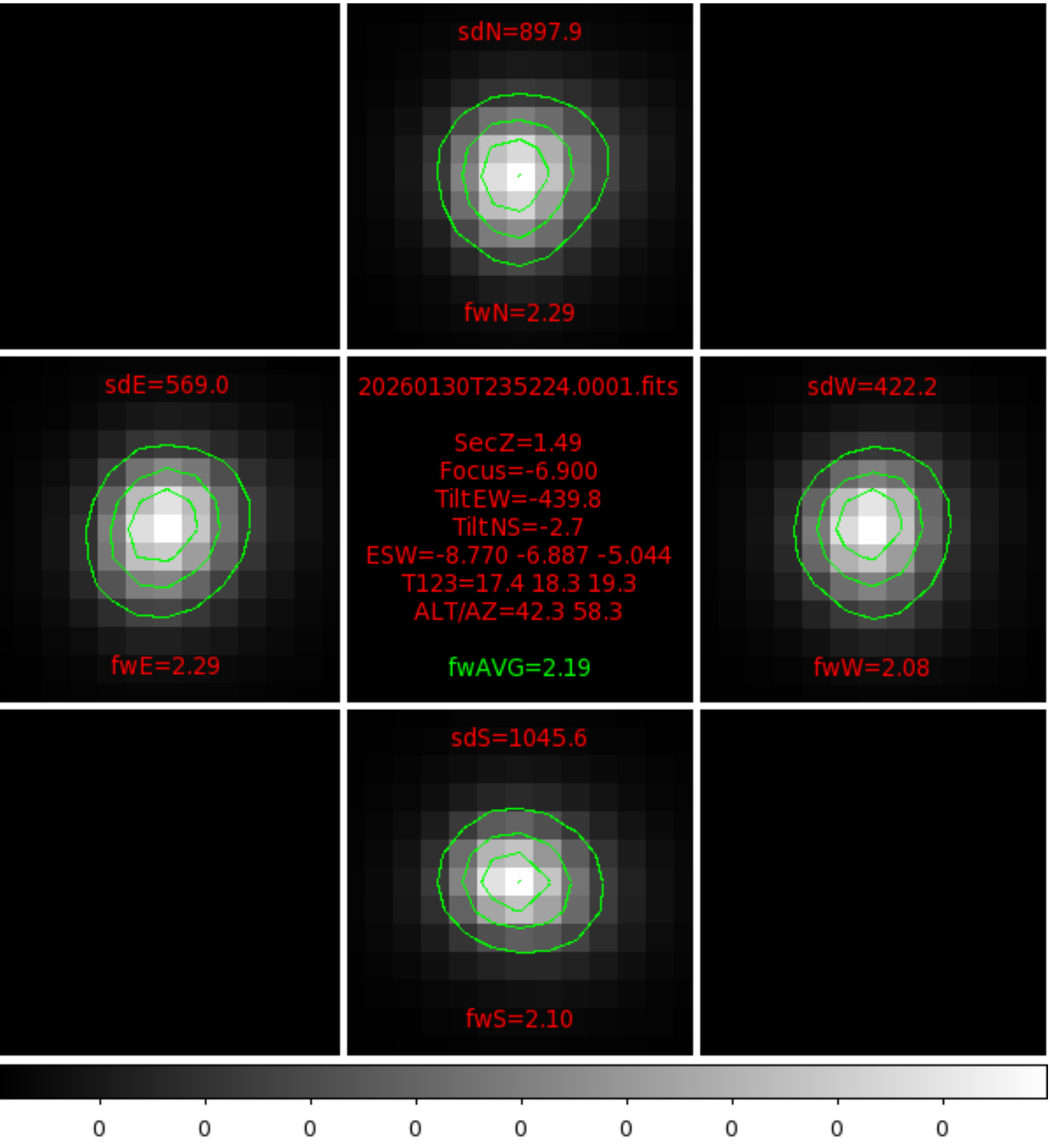

sdN=2098.1
fwN=2.25
sdE=643.0
fwE=2.27
20260130T235045.0001.fits
SecZ=1.49
Focus=-6.906
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.776 -6.893 -5.050
T123=17.5 18.4 19.4
ALT/AZ=42.0 58.2
fwAVG=2.21
sdW=527.1
fwW=2.18
sdS=1263.5
fwS=2.16
0 0 0 0 0 0 0 0 0


sdN=897.9
fwN=2.29
sdE=569.0
fwE=2.29
20260130T235224.0001.fits
SecZ=1.49
Focus=-6.900
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.770 -6.887 -5.044
T123=17.4 18.3 19.3
ALT/AZ=42.3 58.3
fwAVG=2.19
sdW=422.2
fwW=2.08
sdS=1045.6
fwS=2.10
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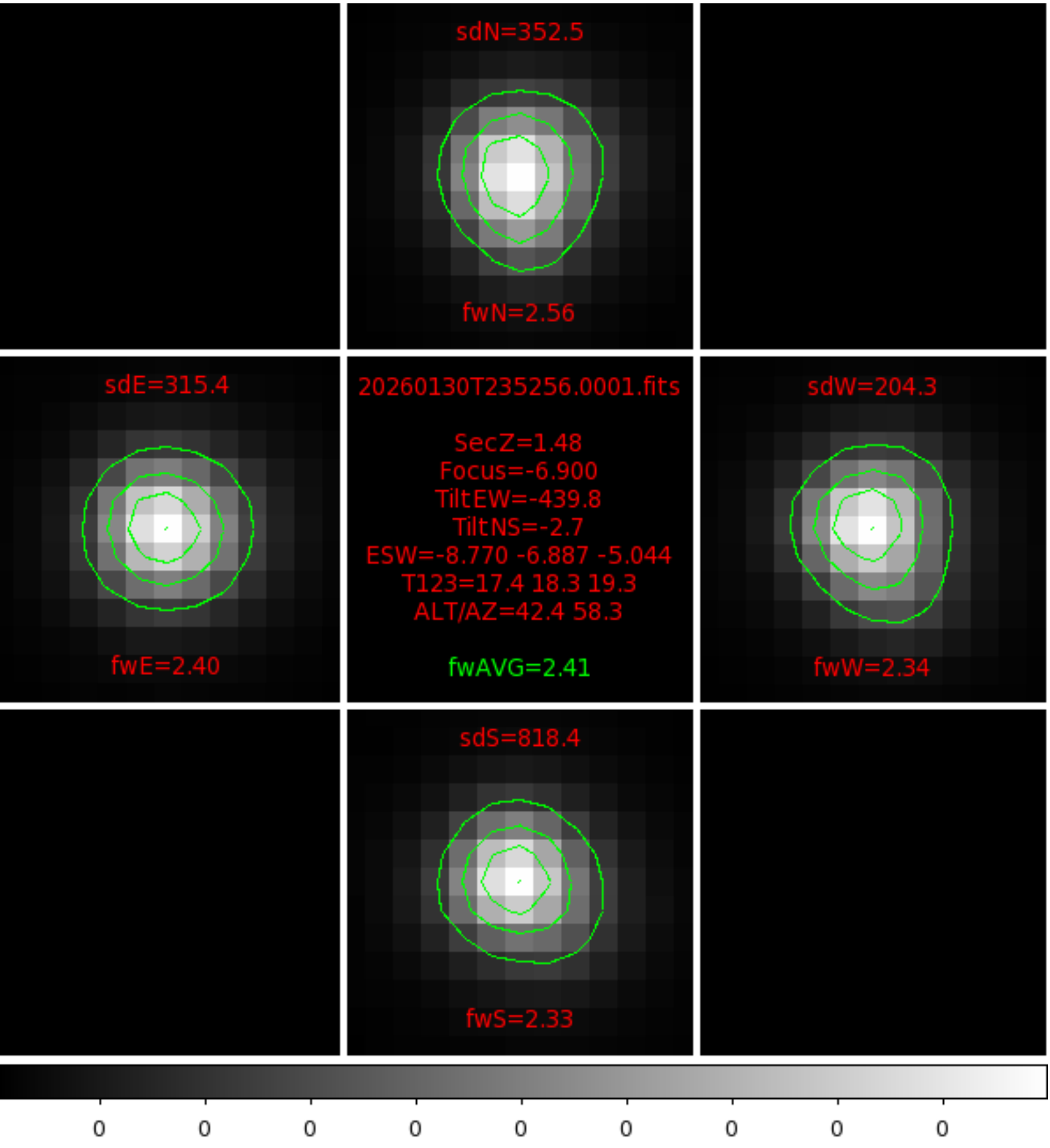
sdN=352.5
fwN=2.56
sdE=315.4
fwE=2.40
20260130T235256.0001.fits
SecZ=1.48
Focus=-6.900
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.770 -6.887 -5.044
T123=17.4 18.3 19.3
ALT/AZ=42.4 58.3
fwAVG=2.41
sdW=204.3
fwW=2.34
sdS=818.4
fwS=2.33
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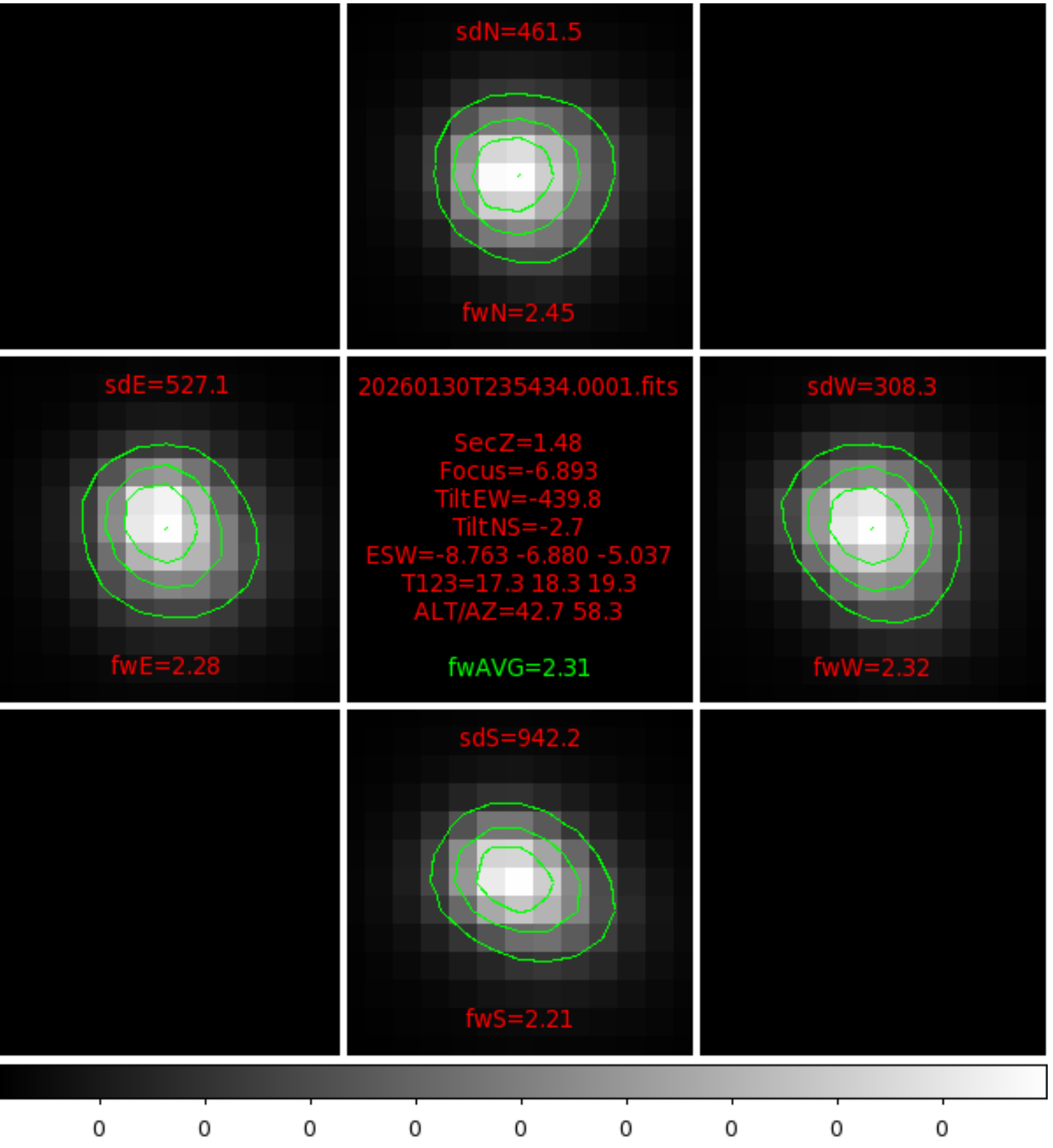
sdN=461.5
fwN=2.45
sdE=527.1
fwE=2.28
20260130T235434.0001.fits
SecZ=1.48
Focus=-6.893
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.763 -6.880 -5.037
T123=17.3 18.3 19.3
ALT/AZ=42.7 58.3
fwAVG=2.31
sdW=308.3
fwW=2.32
sdS=942.2
fwS=2.21
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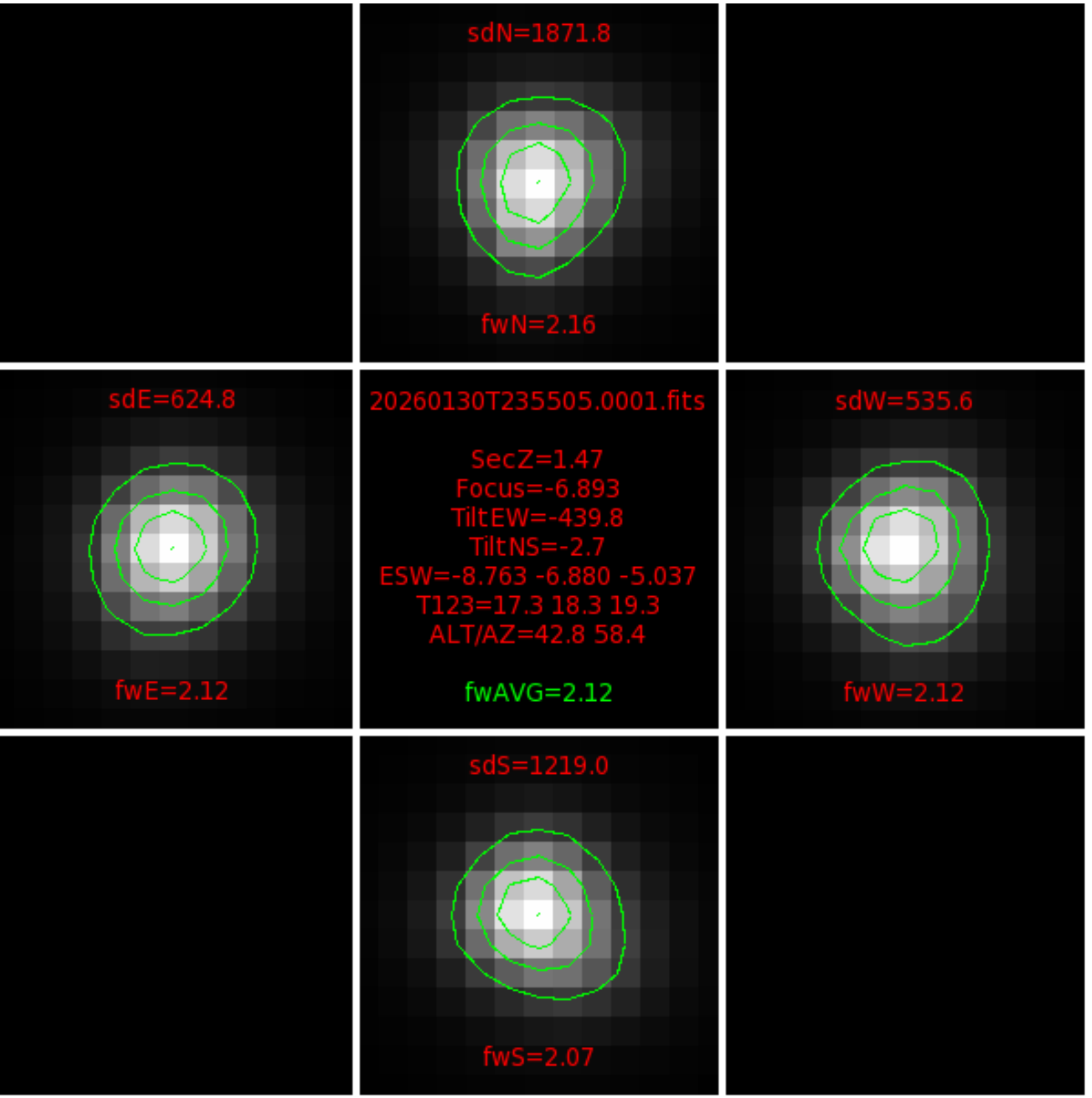
sdN=1871.8
fwN=2.16
sdE=624.8
fwE=2.12
20260130T235505.0001.fits
SecZ=1.47
Focus=-6.893
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.763 -6.880 -5.037
T123=17.3 18.3 19.3
ALT/AZ=42.8 58.4
fwAVG=2.12
sdW=535.6
fwW=2.12
sdS=1219.0
fwS=2.07
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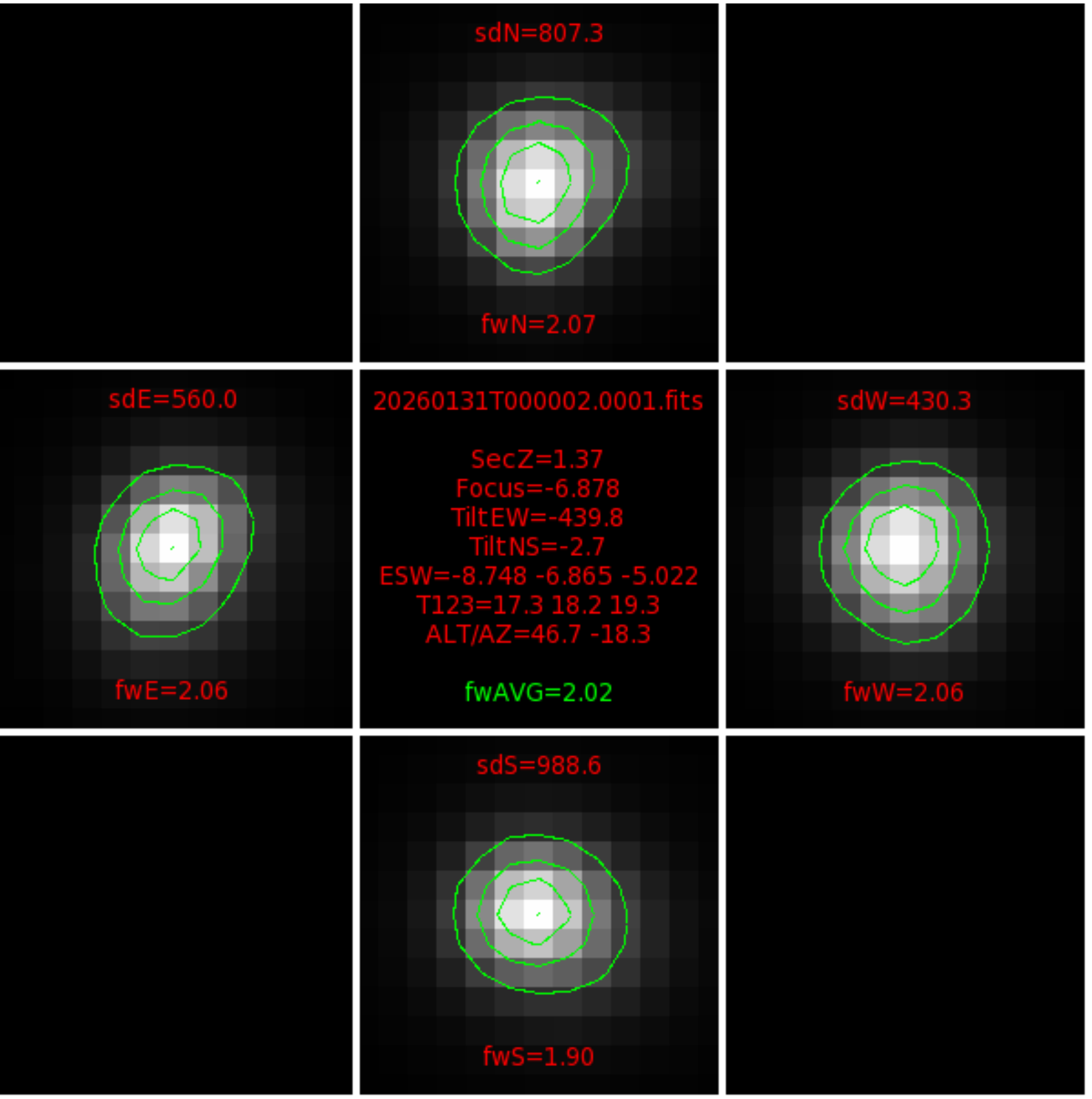
sdN=807.3
fwN=2.07
sdE=560.0
fwE=2.06
20260131T000002.0001.fits
SecZ=1.37
Focus=-6.878
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.748 -6.865 -5.022
T123=17.3 18.2 19.3
ALT/AZ=46.7 -18.3
fwAVG=2.02
sdW=430.3
fwW=2.06
sdS=988.6
fwS=1.90
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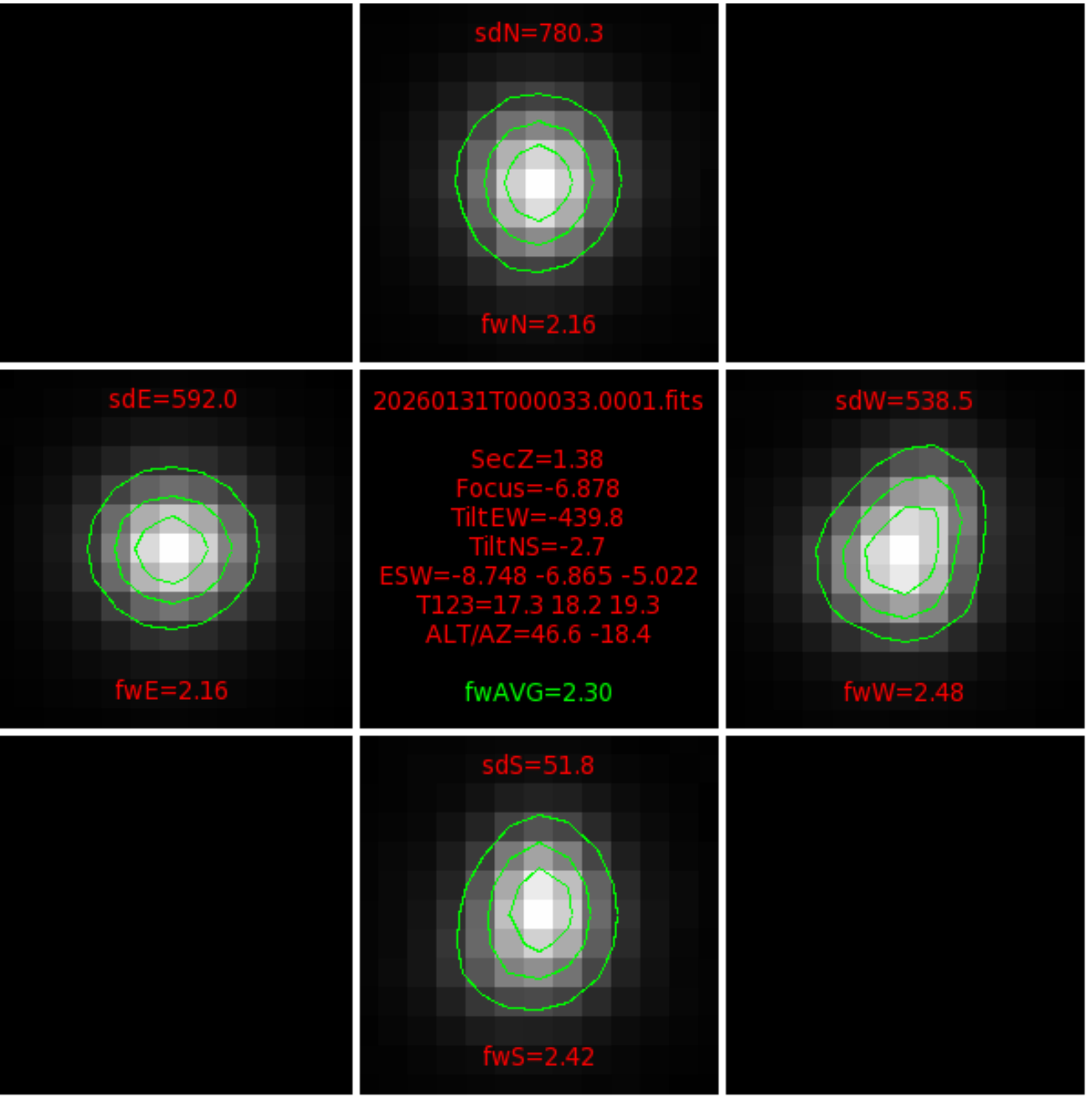
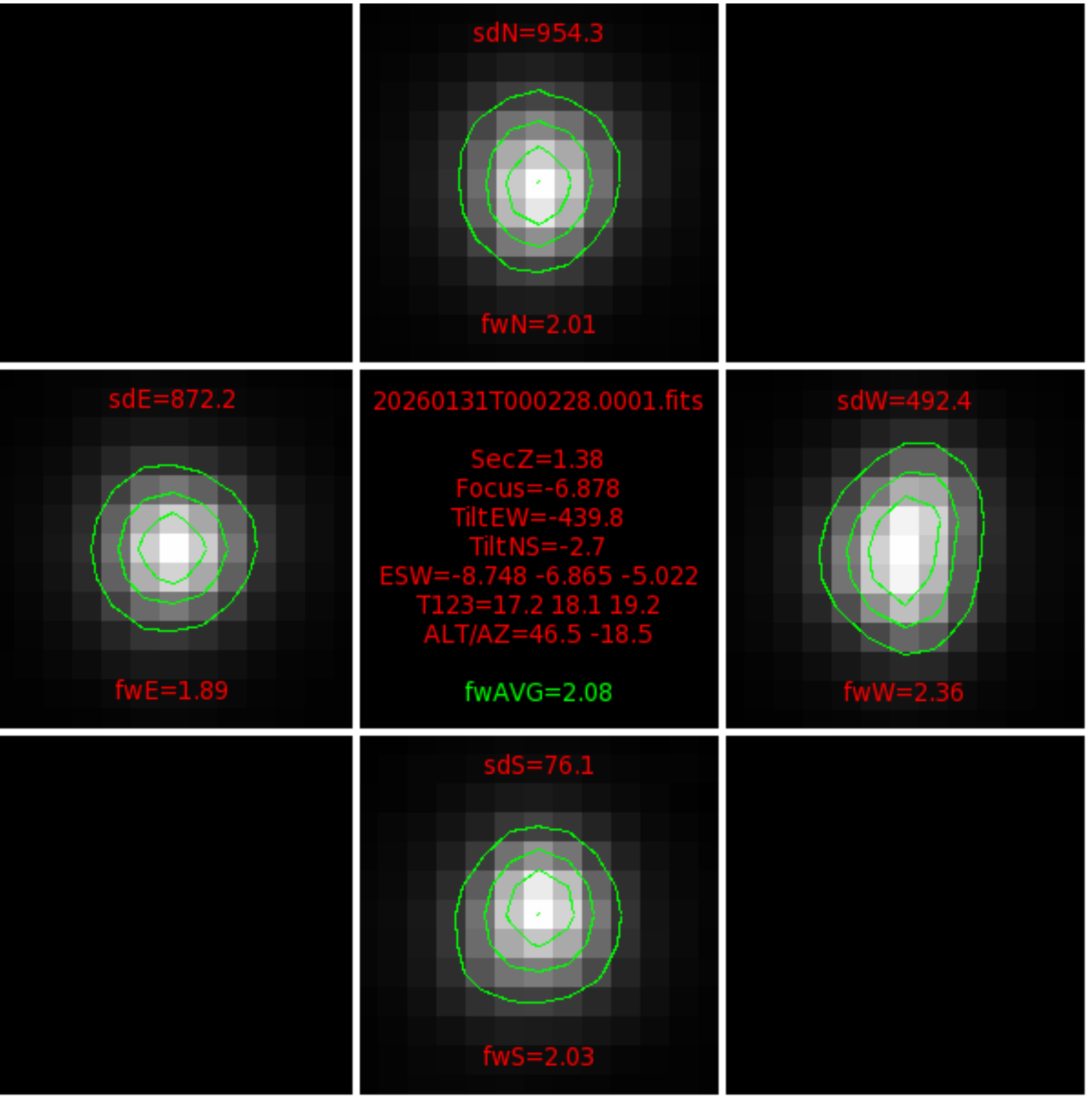
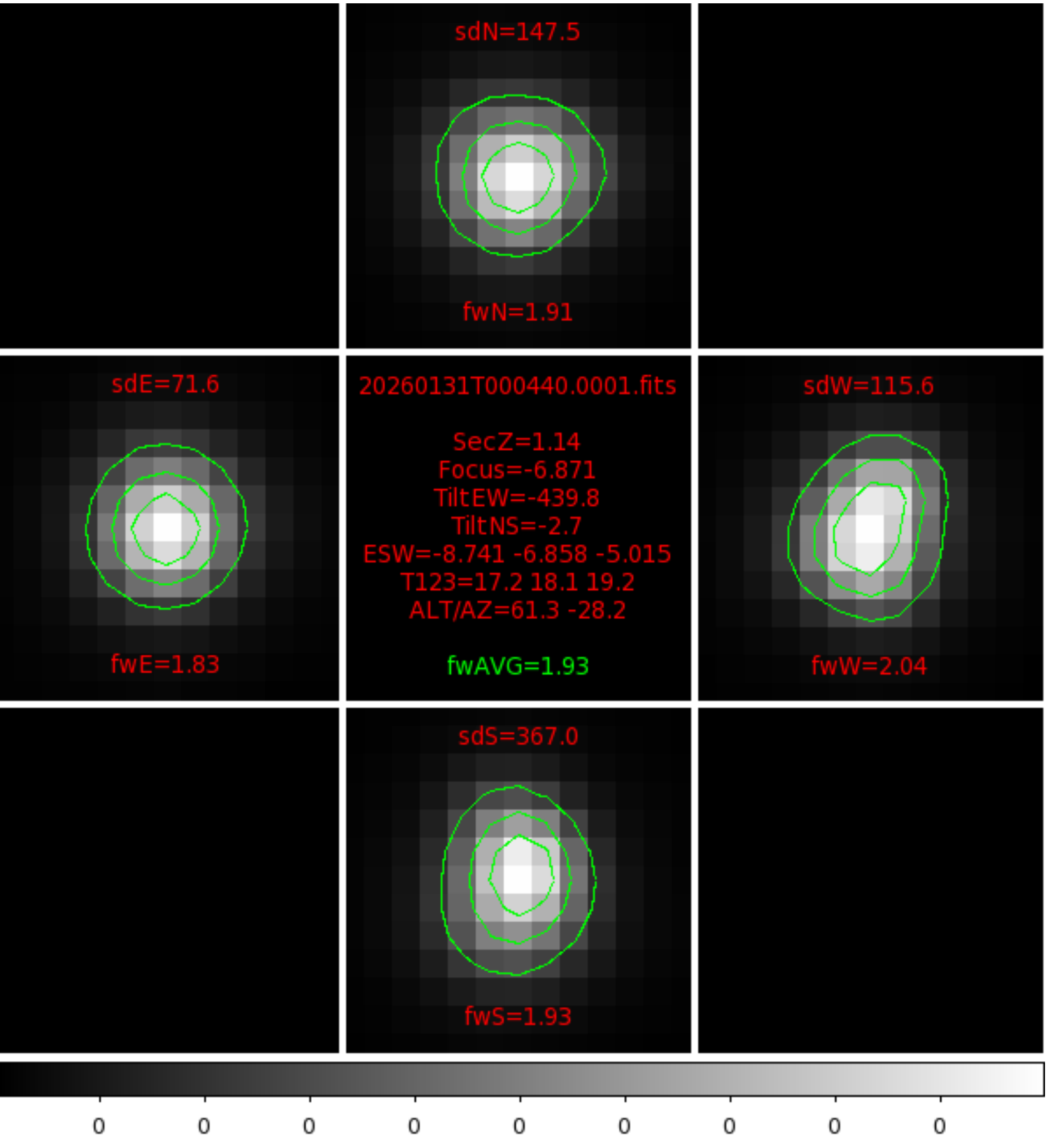
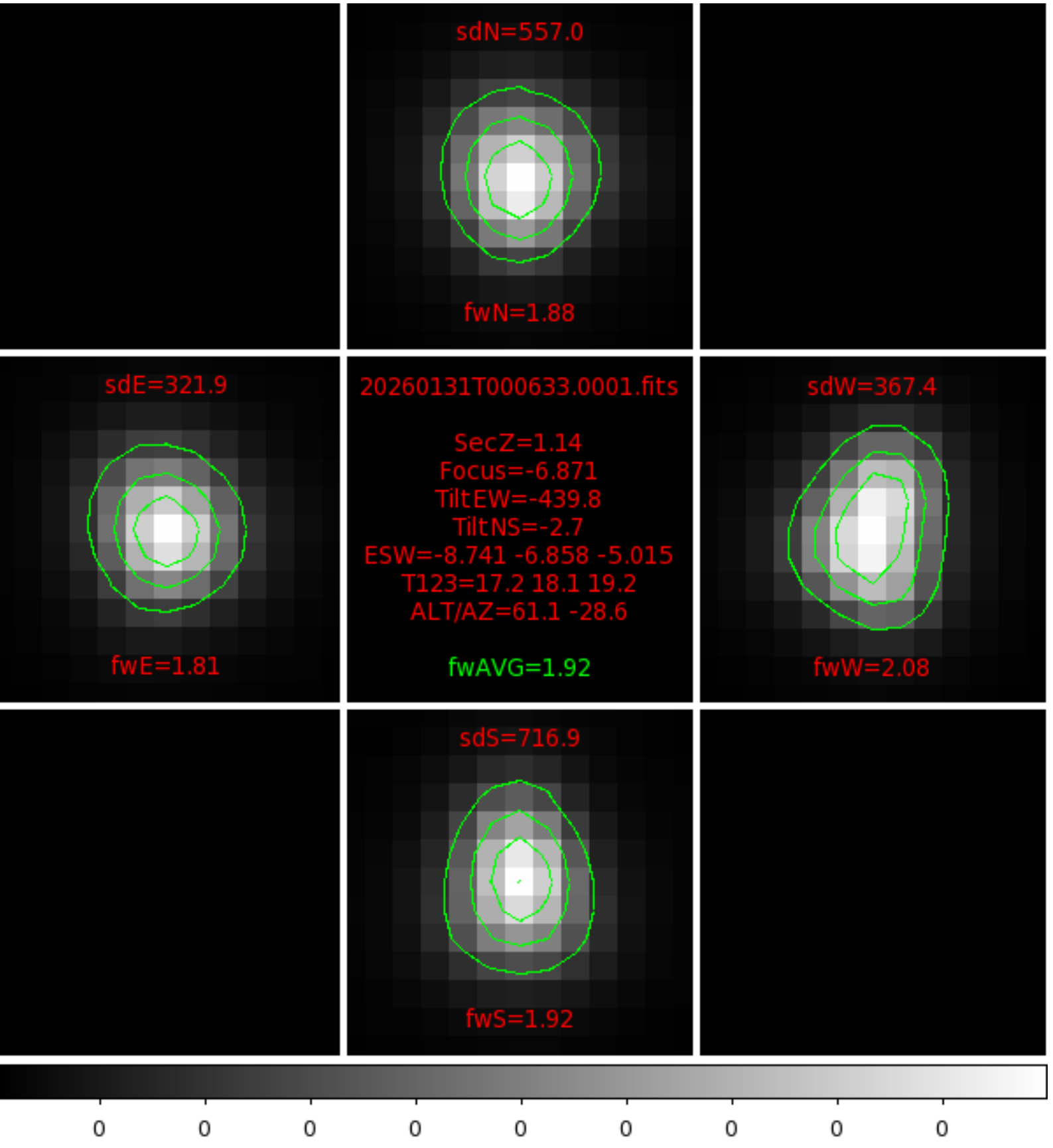
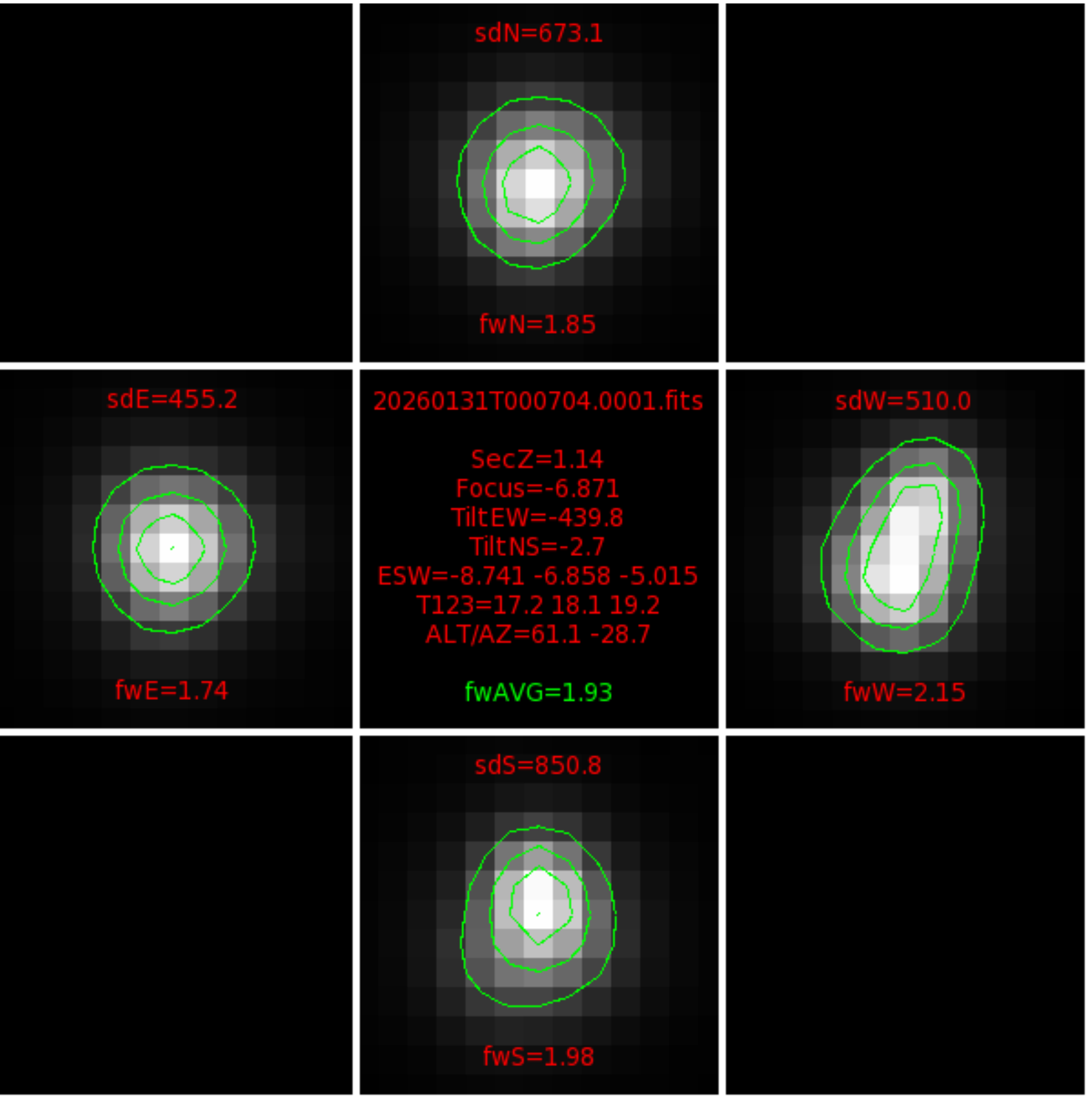

sdN=780.3
fwN=2.16
sdE=592.0
fwE=2.16
20260131T000033.0001.fits
SecZ=1.38
Focus=-6.878
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.748 -6.865 -5.022
T123=17.3 18.2 19.3
ALT/AZ=46.6 -18.4
fwAVG=2.30
sdW=538.5
fwW=2.48
sdS=51.8
fwS=2.42
0 0 0 0 0 0 0 0 0


sdN=954.3
fwN=2.01
sdE=872.2
fwE=1.89
20260131T000228.0001.fits
SecZ=1.38
Focus=-6.878
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.748 -6.865 -5.022
T123=17.2 18.1 19.2
ALT/AZ=46.5 -18.5
fwAVG=2.08
sdW=492.4
fwW=2.36
sdS=76.1
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=147.5
fwN=1.91
sdE=71.6
fwE=1.83
20260131T000440.0001.fits
SecZ=1.14
Focus=-6.871
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.741 -6.858 -5.015
T123=17.2 18.1 19.2
ALT/AZ=61.3 -28.2
fwAVG=1.93
sdW=115.6
fwW=2.04
sdS=367.0
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=557.0
fwN=1.88
sdE=321.9
fwE=1.81
20260131T000633.0001.fits
SecZ=1.14
Focus=-6.871
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.741 -6.858 -5.015
T123=17.2 18.1 19.2
ALT/AZ=61.1 -28.6
fwAVG=1.92
sdW=367.4
fwW=2.08
sdS=716.9
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=673.1
fwN=1.85
sdE=455.2
fwE=1.74
20260131T000704.0001.fits
SecZ=1.14
Focus=-6.871
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.741 -6.858 -5.015
T123=17.2 18.1 19.2
ALT/AZ=61.1 -28.7
fwAVG=1.93
sdW=510.0
fwW=2.15
sdS=850.8
fwS=1.98
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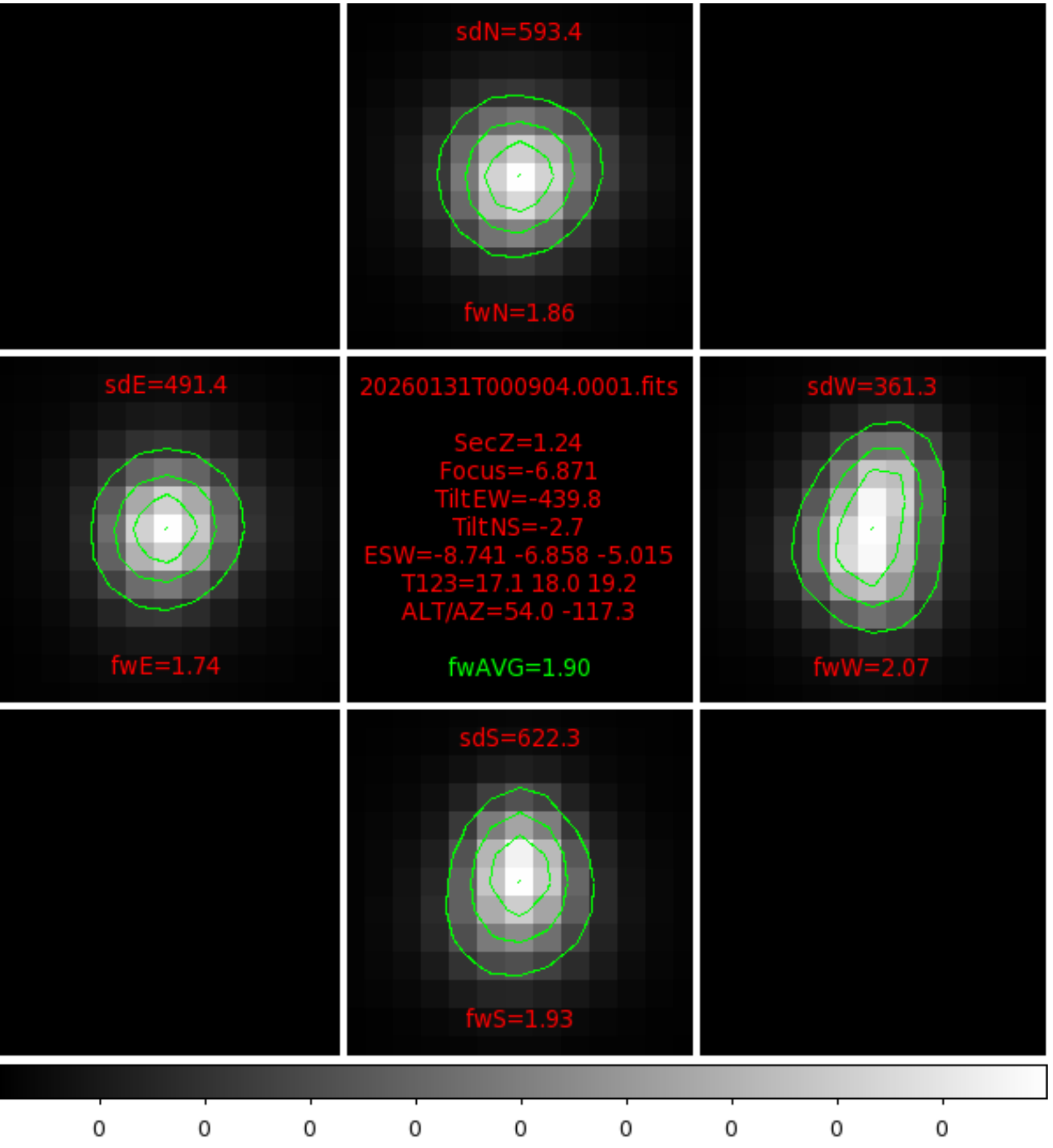
sdN=593.4
fwN=1.86
sdE=491.4
fwE=1.74
20260131T000904.0001.fits
SecZ=1.24
Focus=-6.871
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.741 -6.858 -5.015
T123=17.1 18.0 19.2
ALT/AZ=54.0 -117.3
fwAVG=1.90
sdW=361.3
fwW=2.07
sdS=622.3
fwS=1.93
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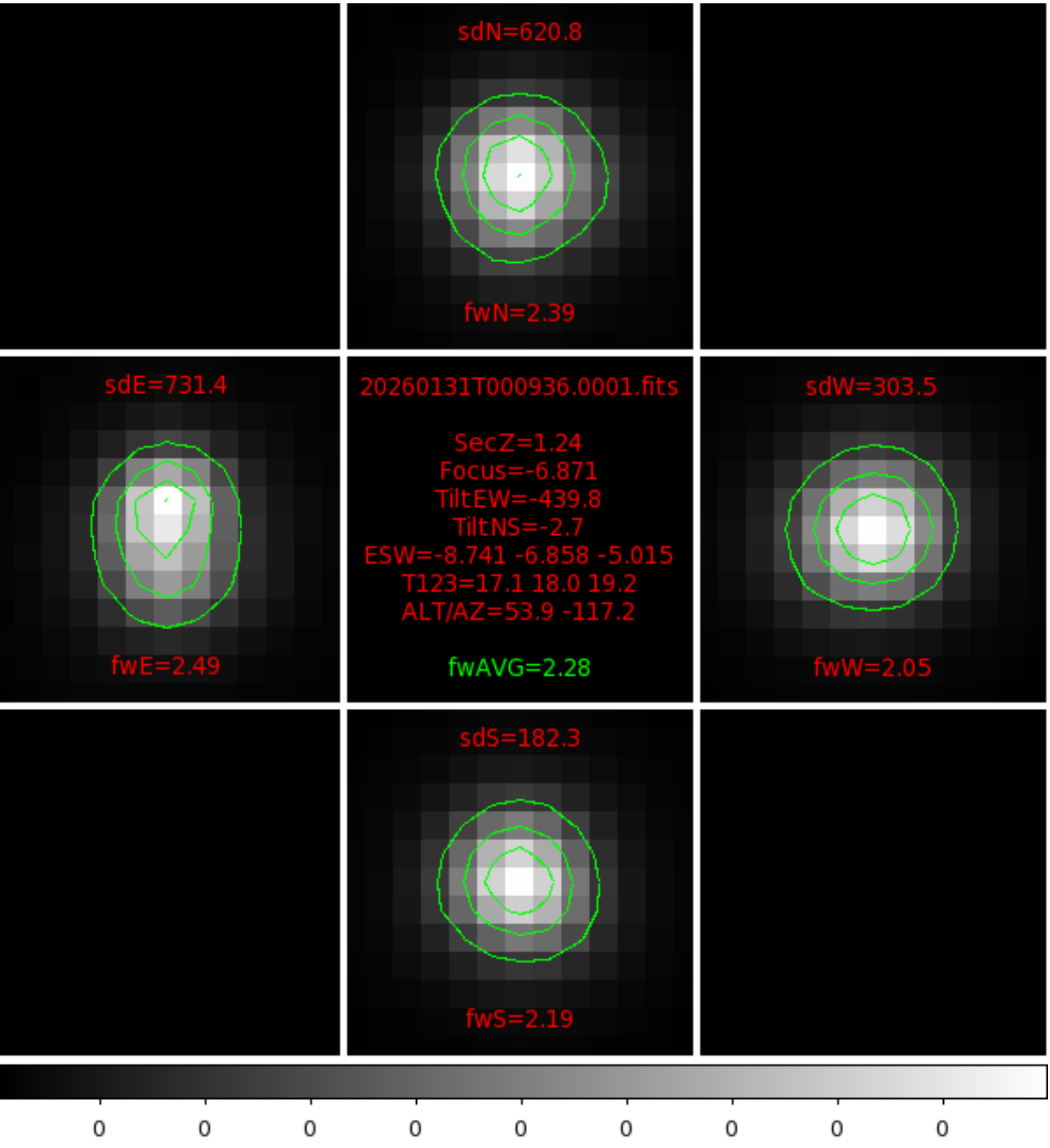
sdN=620.8
fwN=2.39
sdE=731.4
fwE=2.49
20260131T000936.0001.fits
SecZ=1.24
Focus=-6.871
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.741 -6.858 -5.015
T123=17.1 18.0 19.2
ALT/AZ=53.9 -117.2
fwAVG=2.28
sdW=303.5
fwW=2.05
sdS=182.3
fwS=2.19
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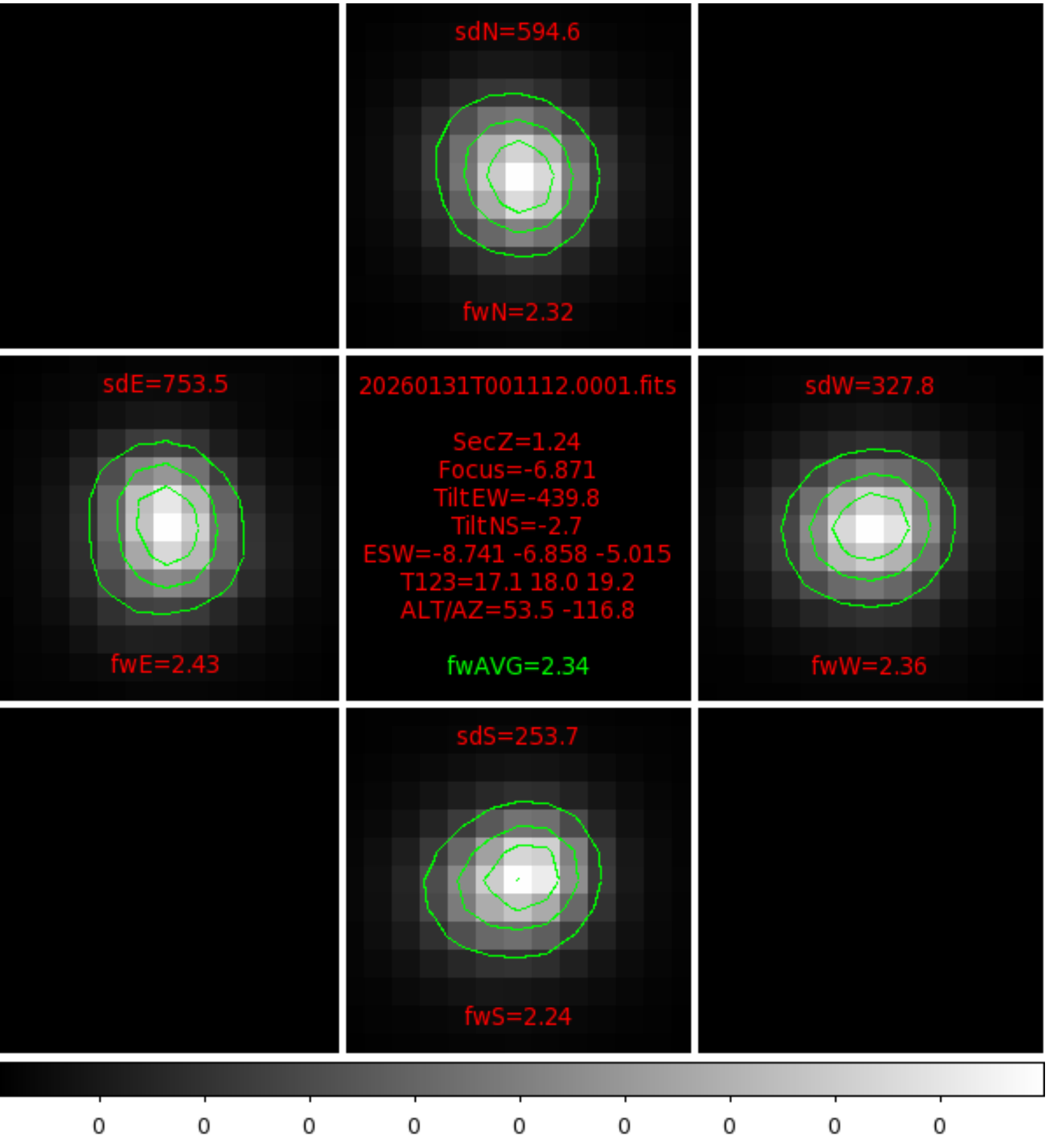
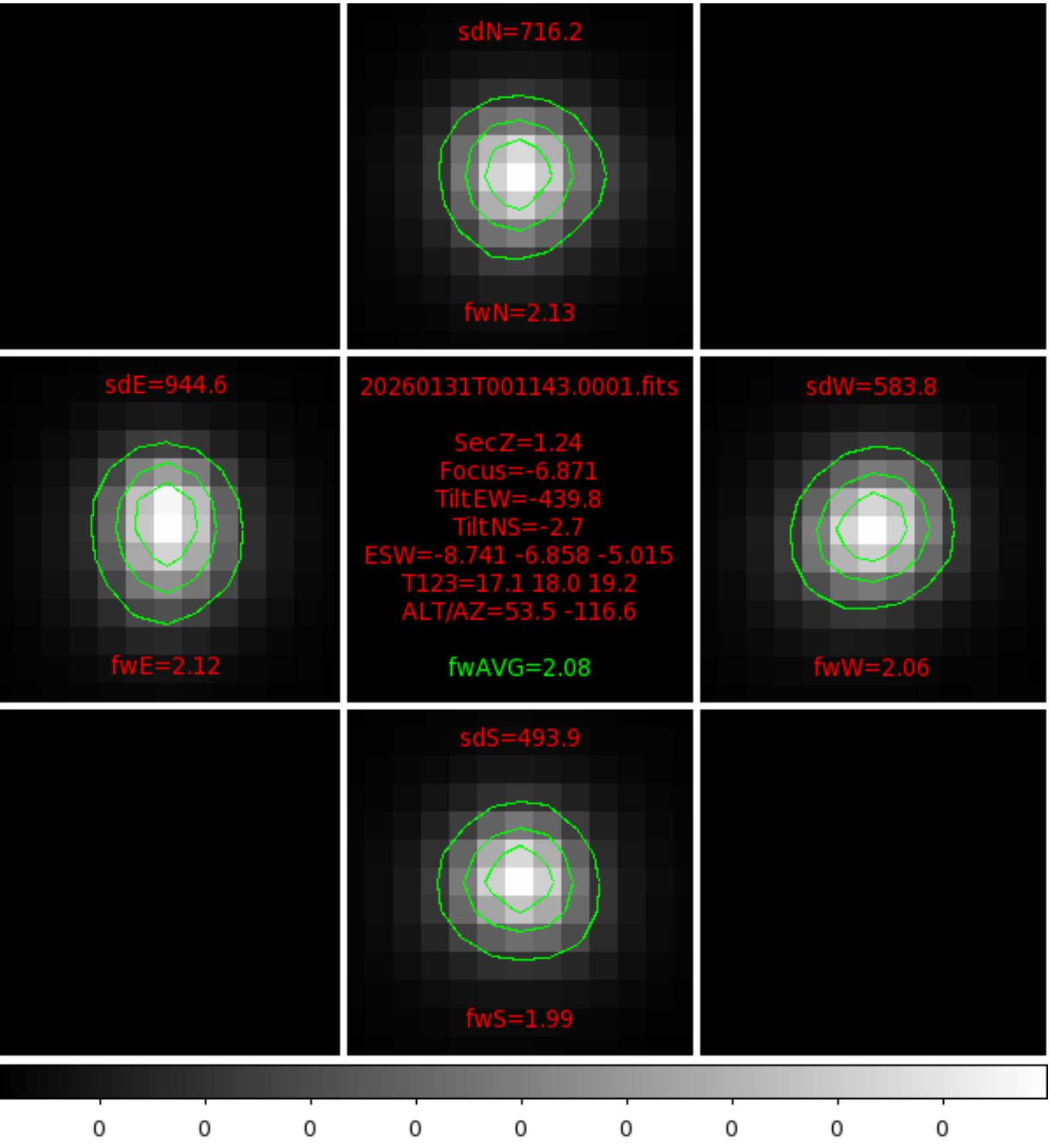

sdN=594.6
fwN=2.32
sdE=753.5
fwE=2.43
20260131T001112.0001.fits
SecZ=1.24
Focus=-6.871
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.741 -6.858 -5.015
T123=17.1 18.0 19.2
ALT/AZ=53.5 -116.8
fwAVG=2.34
sdW=327.8
fwW=2.36
sdS=253.7
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=716.2
fwN=2.13
sdE=944.6
fwE=2.12
20260131T001143.0001.fits
SecZ=1.24
Focus=-6.871
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.741 -6.858 -5.015
T123=17.1 18.0 19.2
ALT/AZ=53.5 -116.6
fwAVG=2.08
sdW=583.8
fwW=2.06
sdS=493.9
fwS=1.99
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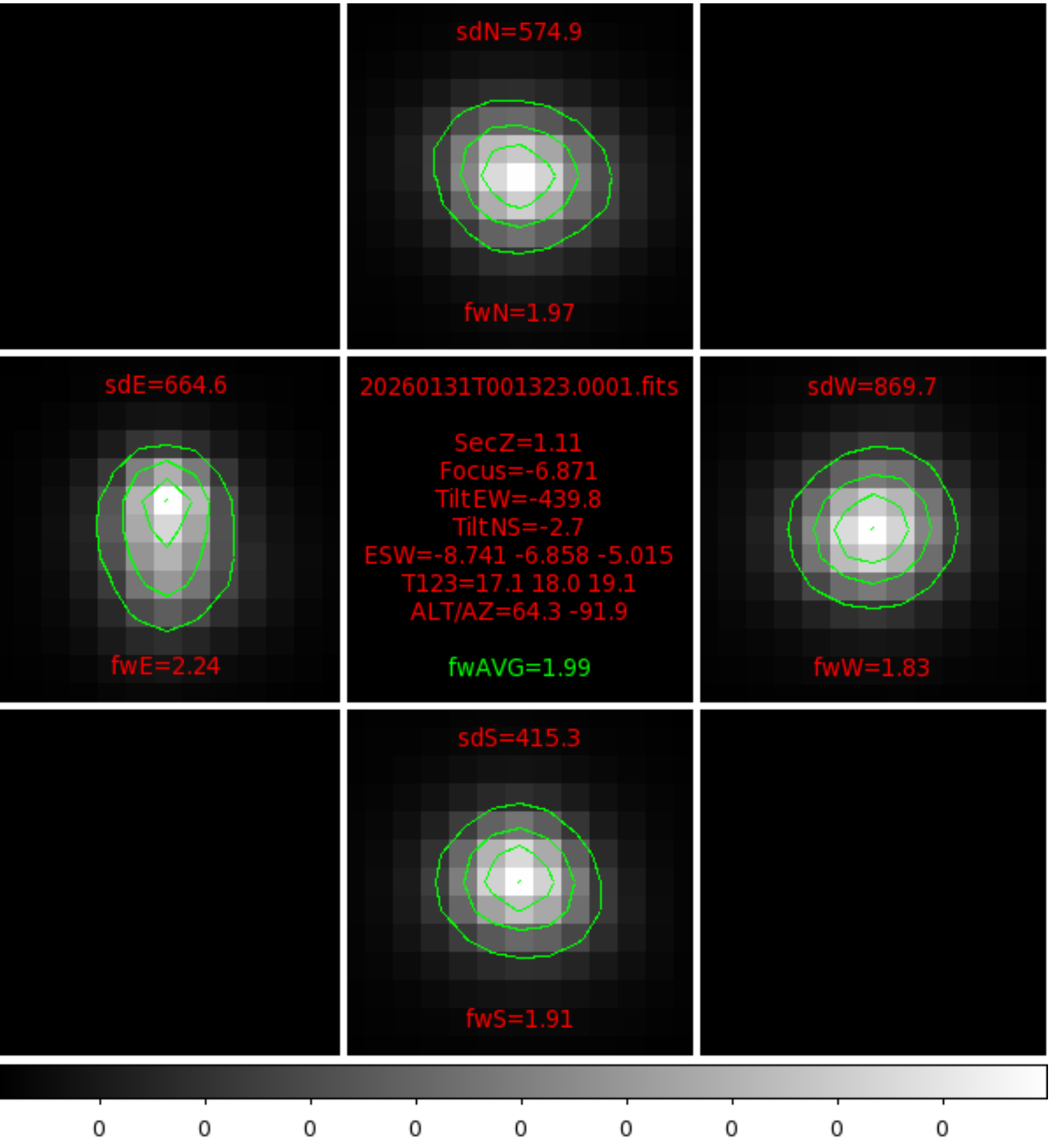
sdN=574.9
fwN=1.97
sdE=664.6
fwE=2.24
20260131T001323.0001.fits
SecZ=1.11
Focus=-6.871
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.741 -6.858 -5.015
T123=17.1 18.0 19.1
ALT/AZ=64.3 -91.9
fwAVG=1.99
sdW=869.7
fwW=1.83
sdS=415.3
fwS=1.91
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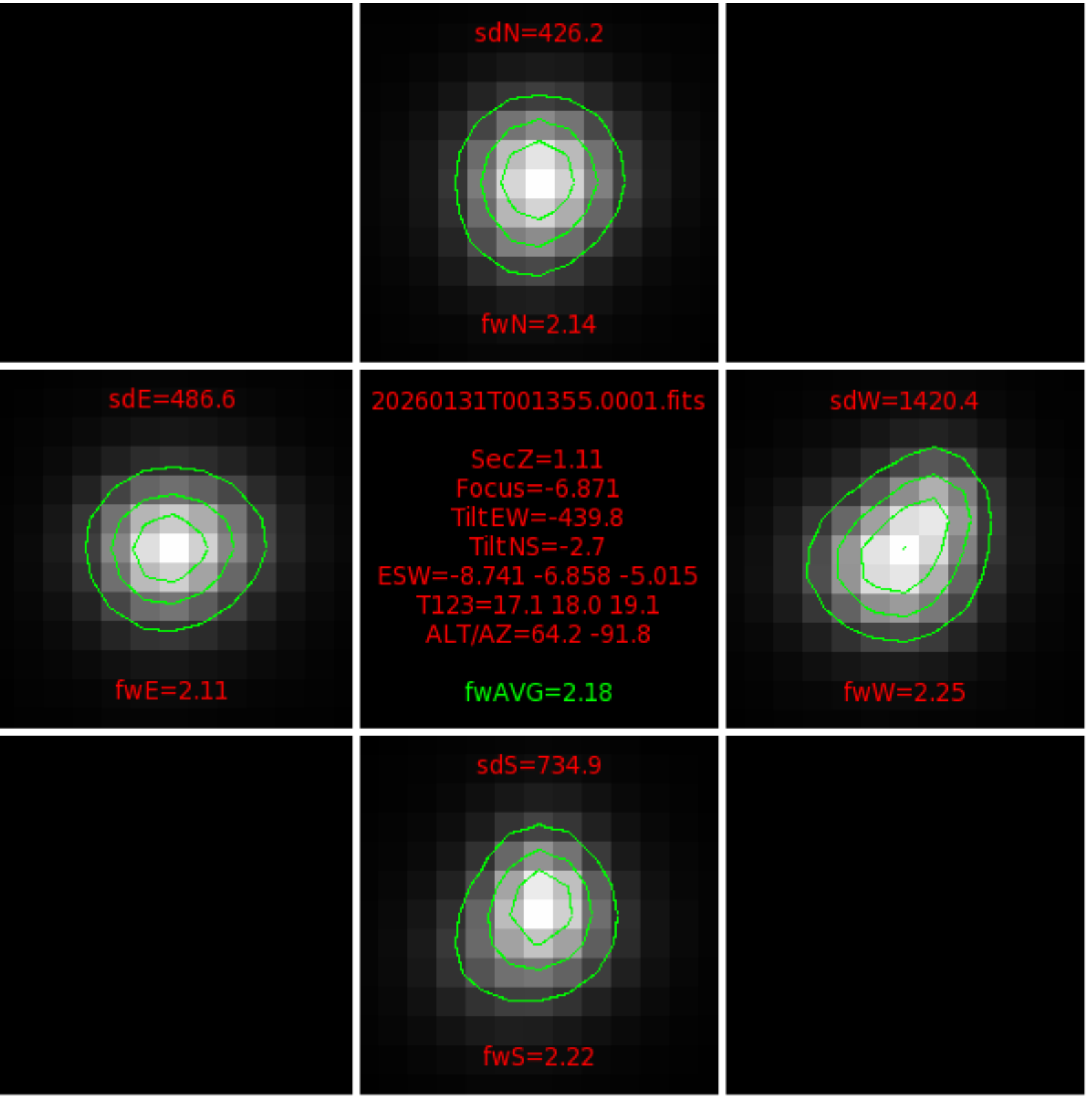
sdN=426.2
fwN=2.14
sdE=486.6
fwE=2.11
20260131T001355.0001.fits
SecZ=1.11
Focus=-6.871
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.741 -6.858 -5.015
T123=17.1 18.0 19.1
ALT/AZ=64.2 -91.8
fwAVG=2.18
sdW=1420.4
fwW=2.25
sdS=734.9
fwS=2.22
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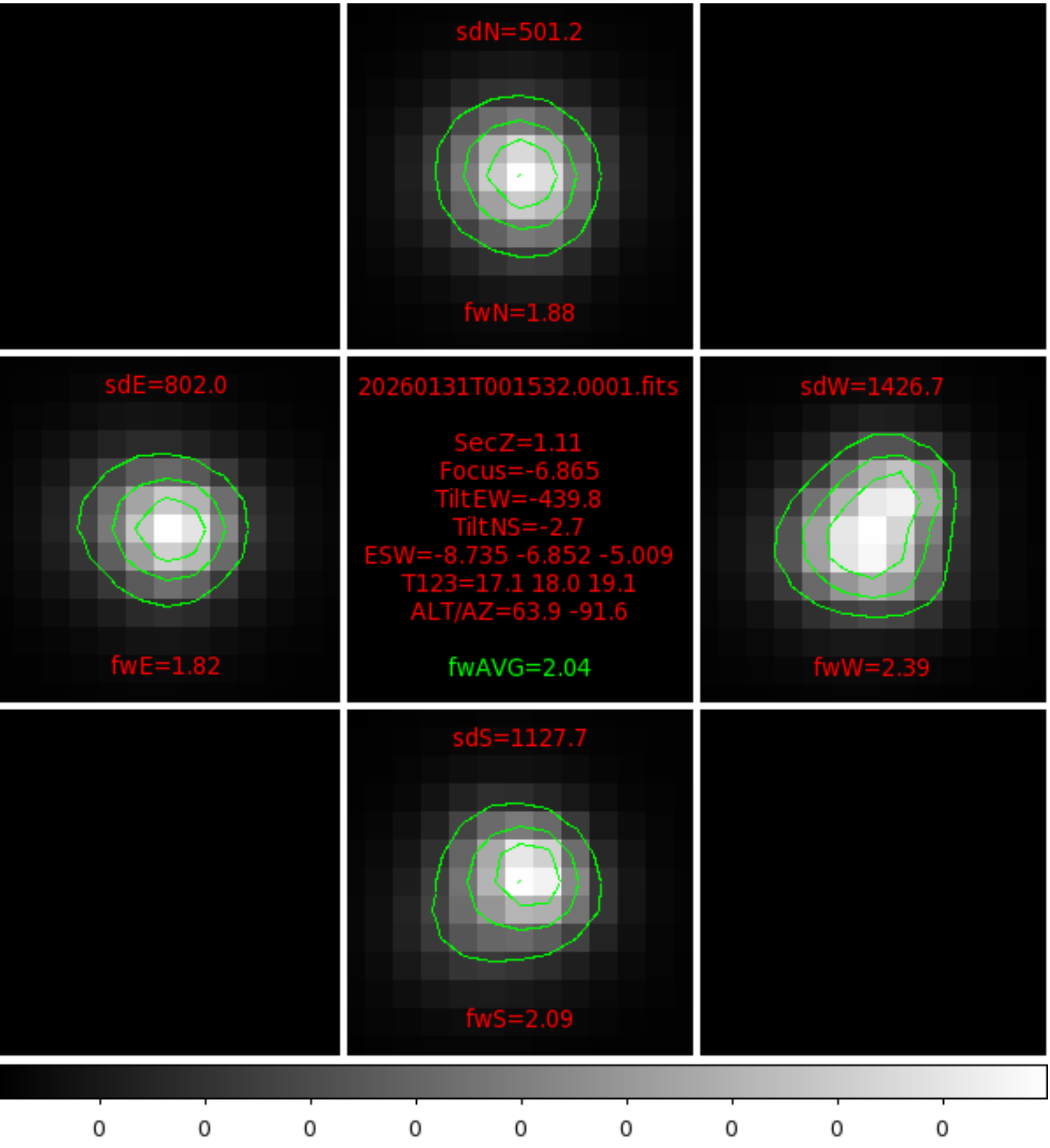
sdN=501.2
fwN=1.88
sdE=802.0
fwE=1.82
20260131T001532.0001.fits
SecZ=1.11
Focus=-6.865
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.735 -6.852 -5.009
T123=17.1 18.0 19.1
ALT/AZ=63.9 -91.6
fwAVG=2.04
sdW=1426.7
fwW=2.39
sdS=1127.7
fwS=2.09
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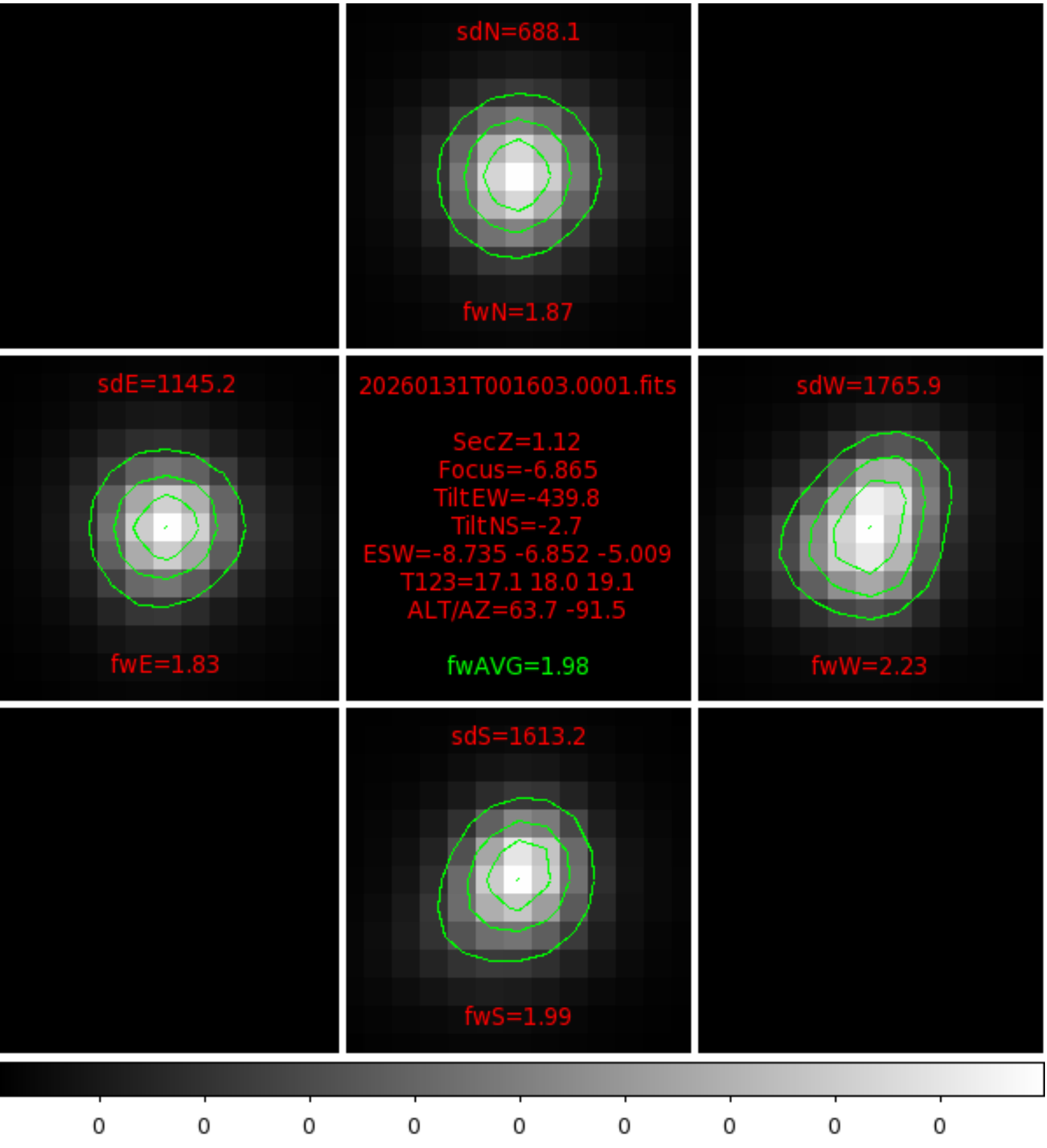
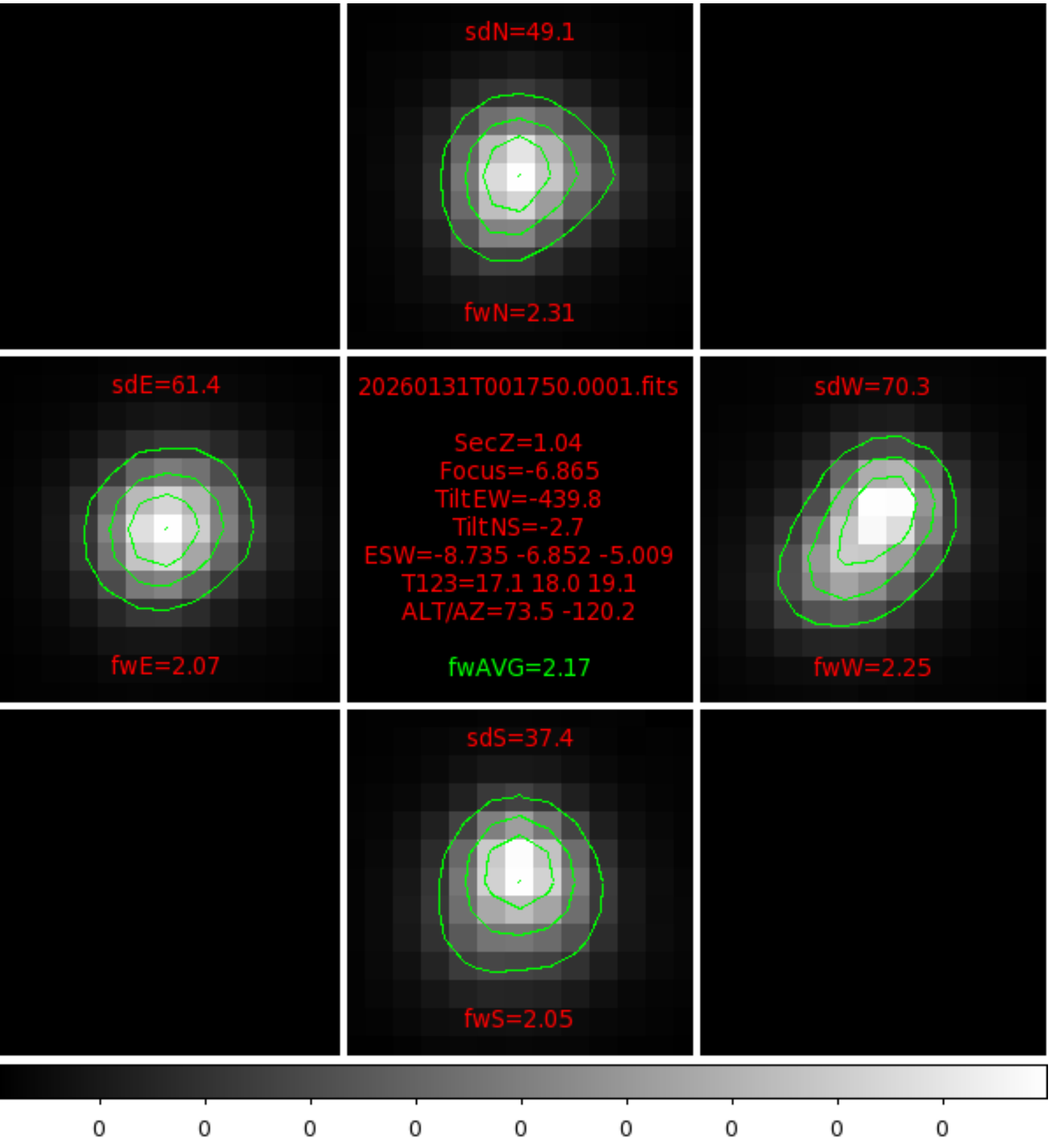

sdN=688.1
fwN=1.87
sdE=1145.2
fwE=1.83
20260131T001603.0001.fits
SecZ=1.12
Focus=-6.865
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.735 -6.852 -5.009
T123=17.1 18.0 19.1
ALT/AZ=63.7 -91.5
fwAVG=1.98
sdW=1765.9
fwW=2.23
sdS=1613.2
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=49.1
fwN=2.31
sdE=61.4
fwE=2.07
20260131T001750.0001.fits
SecZ=1.04
Focus=-6.865
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.735 -6.852 -5.009
T123=17.1 18.0 19.1
ALT/AZ=73.5 -120.2
fwAVG=2.17
sdW=70.3
fwW=2.25
sdS=37.4
fwS=2.05
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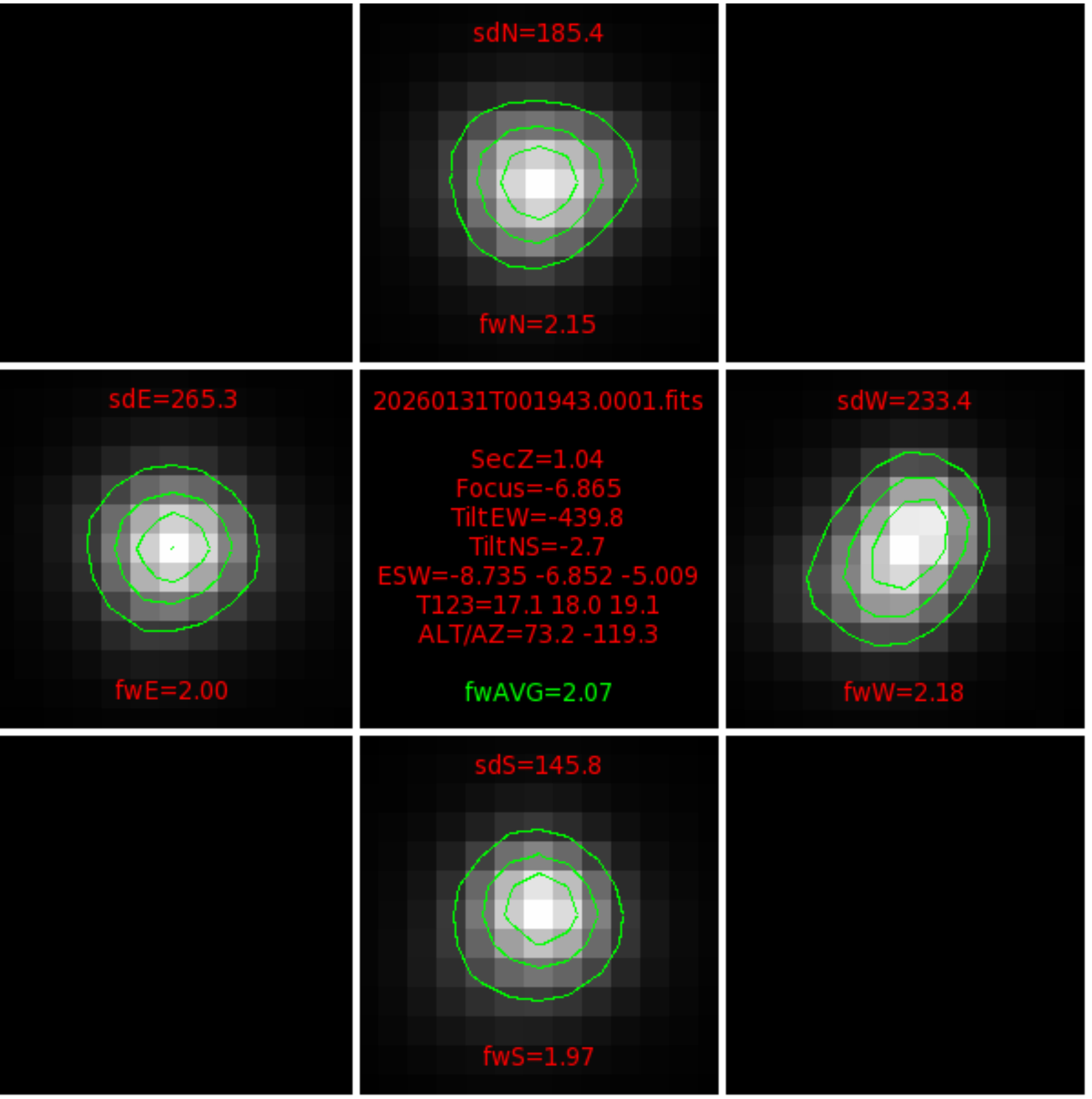
sdN=185.4
fwN=2.15
sdE=265.3
fwE=2.00
20260131T001943.0001.fits
SecZ=1.04
Focus=-6.865
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.735 -6.852 -5.009
T123=17.1 18.0 19.1
ALT/AZ=73.2 -119.3
fwAVG=2.07
sdW=233.4
fwW=2.18
sdS=145.8
fwS=1.97
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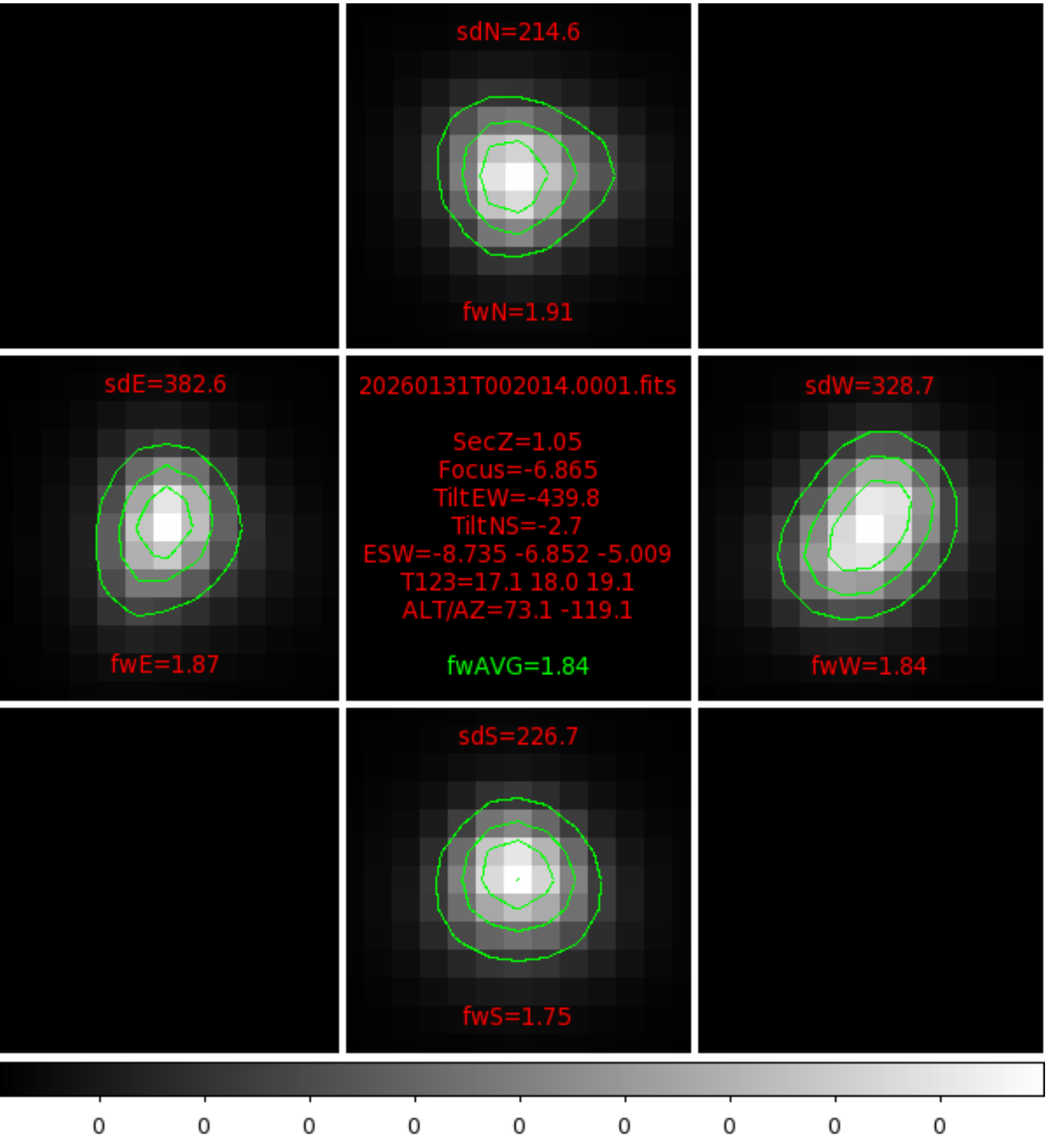
sdN=214.6
fwN=1.91
sdE=382.6
fwE=1.87
20260131T002014.0001.fits
SecZ=1.05
Focus=-6.865
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.735 -6.852 -5.009
T123=17.1 18.0 19.1
ALT/AZ=73.1 -119.1
fwAVG=1.84
sdW=328.7
fwW=1.84
sdS=226.7
fwS=1.75
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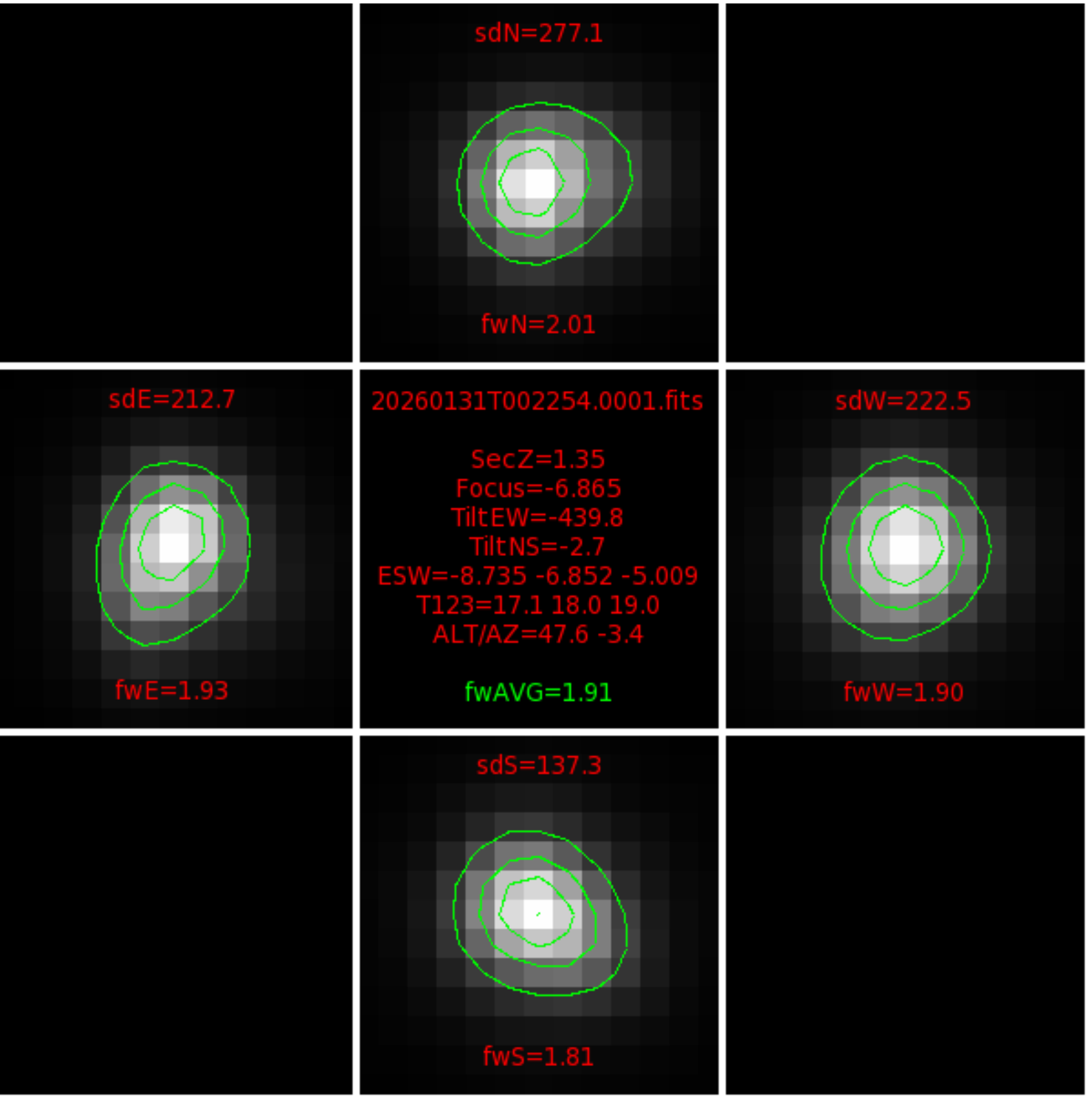
sdN=277.1
fwN=2.01
sdE=212.7
fwE=1.93
20260131T002254.0001.fits
SecZ=1.35
Focus=-6.865
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.735 -6.852 -5.009
T123=17.1 18.0 19.0
ALT/AZ=47.6 -3.4
fwAVG=1.91
sdW=222.5
fwW=1.90
sdS=137.3
fwS=1.81
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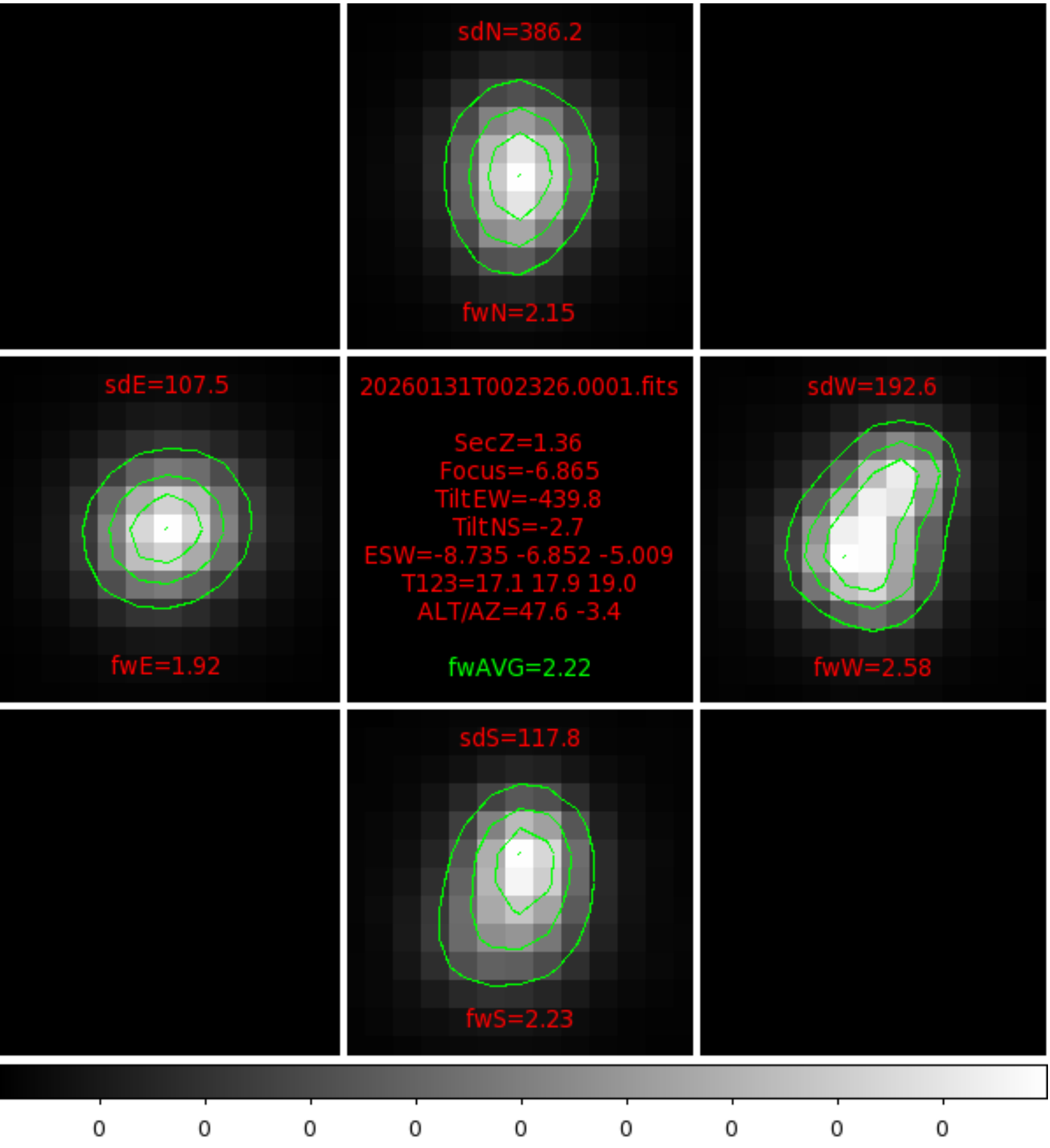
sdN=386.2
fwN=2.15
sdE=107.5
fwE=1.92
20260131T002326.0001.fits
SecZ=1.36
Focus=-6.865
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.735 -6.852 -5.009
T123=17.1 17.9 19.0
ALT/AZ=47.6 -3.4
fwAVG=2.22
sdW=192.6
fwW=2.58
sdS=117.8
fwS=2.23
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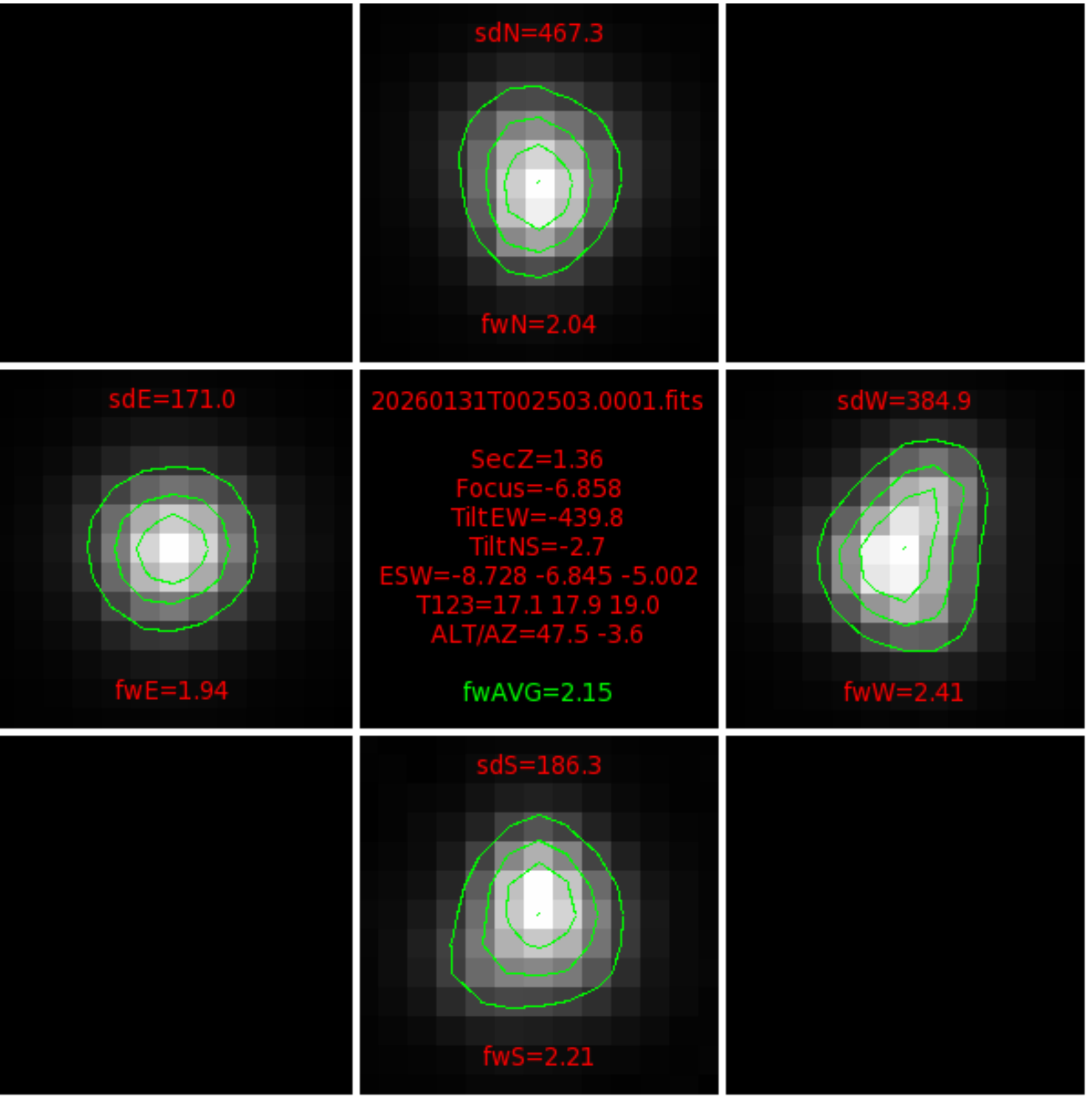
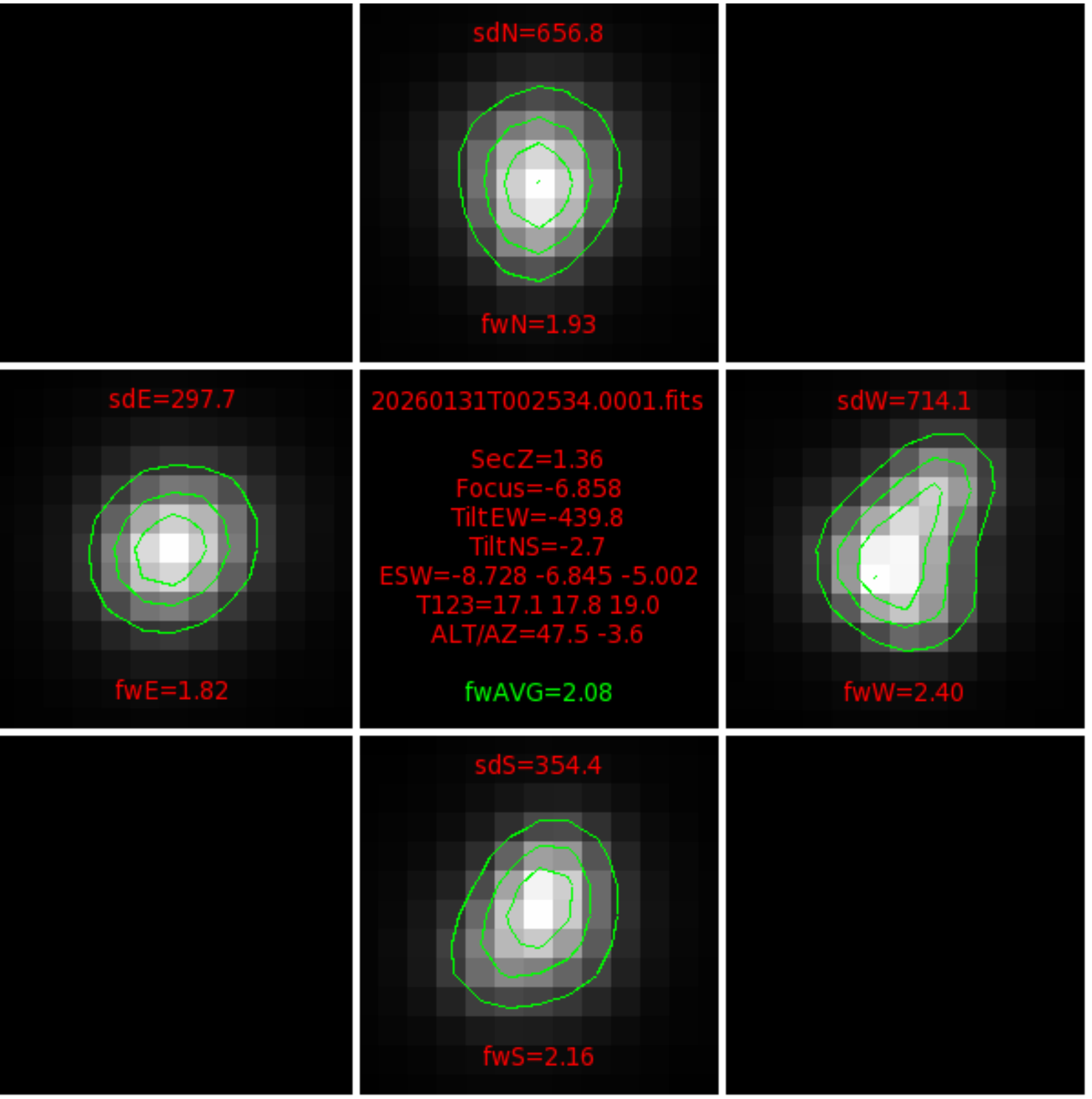

sdN=467.3
fwN=2.04
sdE=171.0
fwE=1.94
20260131T002503.0001.fits
SecZ=1.36
Focus=-6.858
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.728 -6.845 -5.002
T123=17.1 17.9 19.0
ALT/AZ=47.5 -3.6
fwAVG=2.15
sdW=384.9
fwW=2.41
sdS=186.3
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=656.8
fwN=1.93
sdE=297.7
fwE=1.82
20260131T002534.0001.fits
SecZ=1.36
Focus=-6.858
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.728 -6.845 -5.002
T123=17.1 17.8 19.0
ALT/AZ=47.5 -3.6
fwAVG=2.08
sdW=714.1
fwW=2.40
sdS=354.4
fwS=2.16
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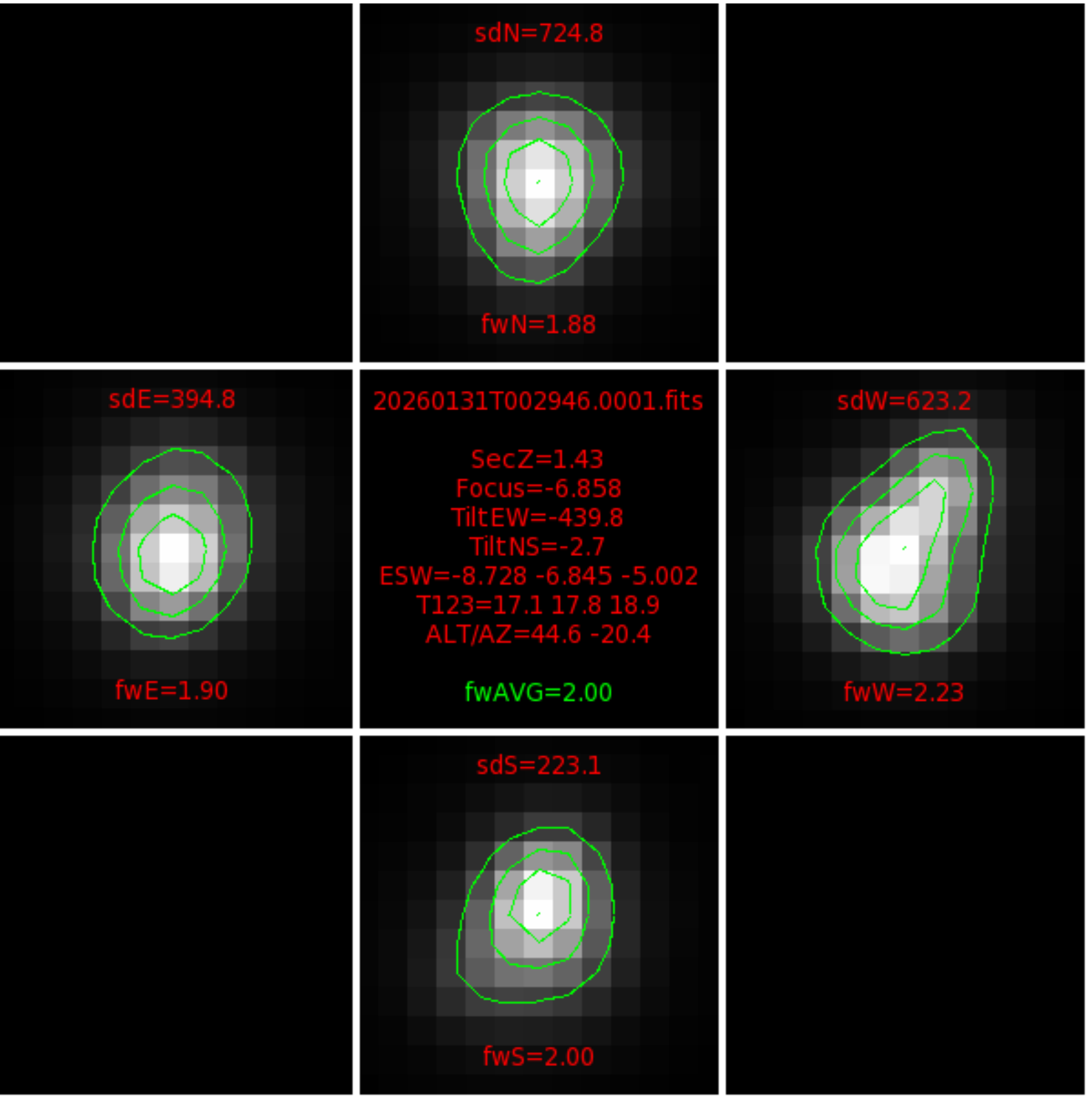
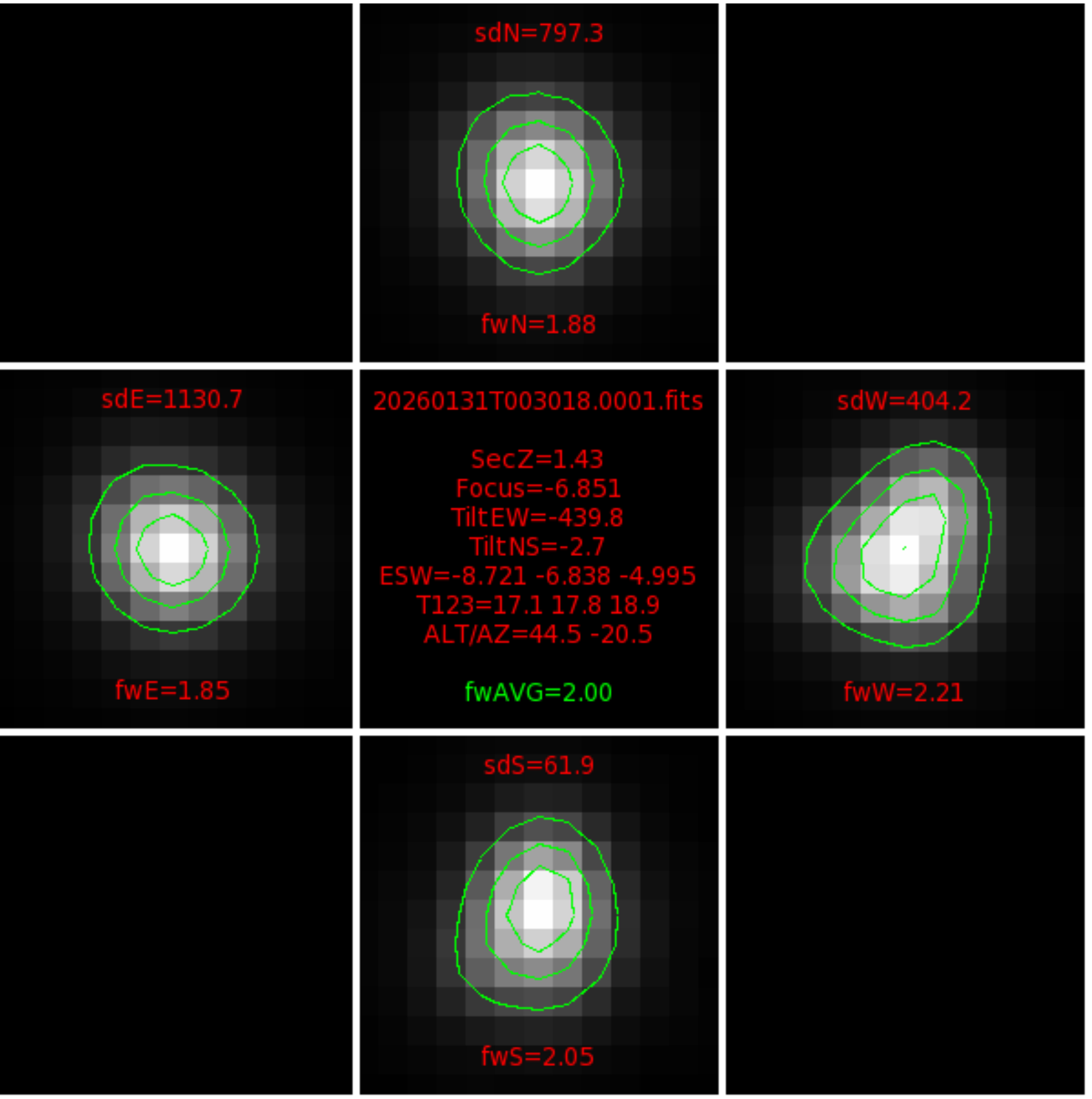

sdN=724.8
fwN=1.88
sdE=394.8
fwE=1.90
20260131T002946.0001.fits
SecZ=1.43
Focus=-6.858
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.728 -6.845 -5.002
T123=17.1 17.8 18.9
ALT/AZ=44.6 -20.4
fwAVG=2.00
sdW=623.2
fwW=2.23
sdS=223.1
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=797.3
fwN=1.88
sdE=1130.7
fwE=1.85
20260131T003018.0001.fits
SecZ=1.43
Focus=-6.851
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.721 -6.838 -4.995
T123=17.1 17.8 18.9
ALT/AZ=44.5 -20.5
fwAVG=2.00
sdW=404.2
fwW=2.21
sdS=61.9
fwS=2.05
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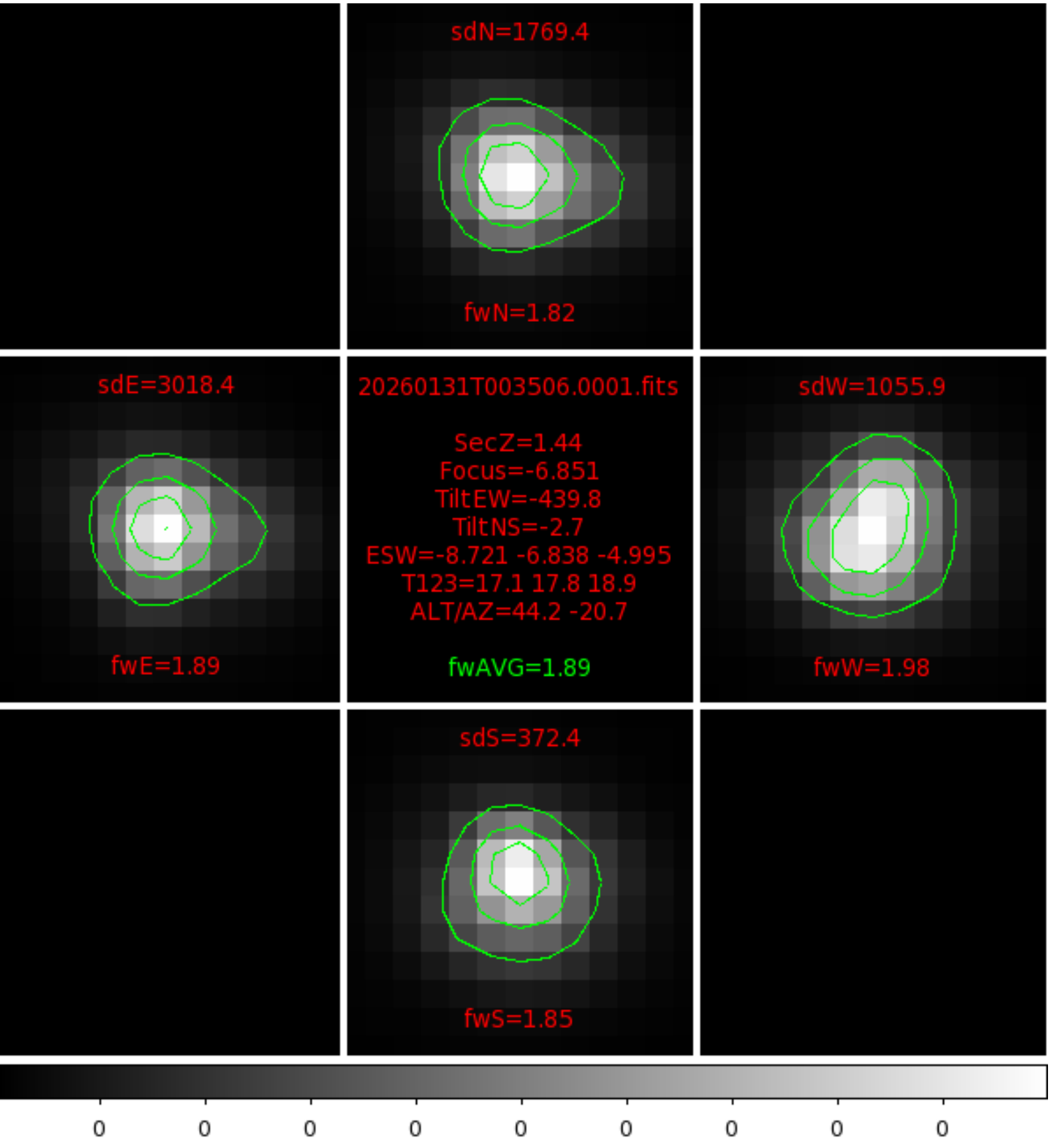
sdN=1769.4
fwN=1.82
sdE=3018.4
fwE=1.89
20260131T003506.0001.fits
SecZ=1.44
Focus=-6.851
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.721 -6.838 -4.995
T123=17.1 17.8 18.9
ALT/AZ=44.2 -20.7
fwAVG=1.89
sdW=1055.9
fwW=1.98
sdS=372.4
fwS=1.85
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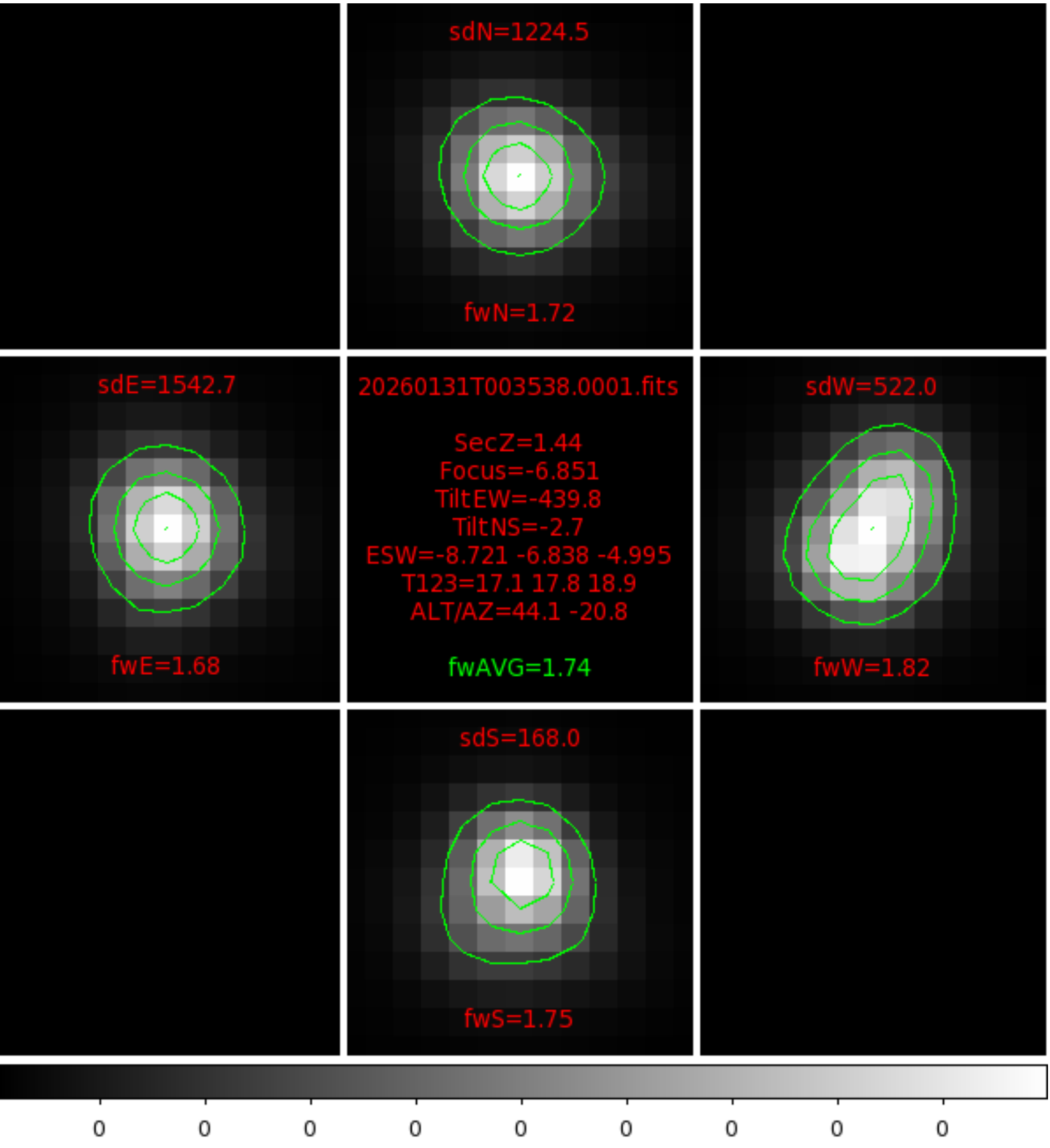
sdN=1224.5
fwN=1.72
sdE=1542.7
fwE=1.68
20260131T003538.0001.fits
SecZ=1.44
Focus=-6.851
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.721 -6.838 -4.995
T123=17.1 17.8 18.9
ALT/AZ=44.1 -20.8
fwAVG=1.74
sdW=522.0
fwW=1.82
sdS=168.0
fwS=1.75
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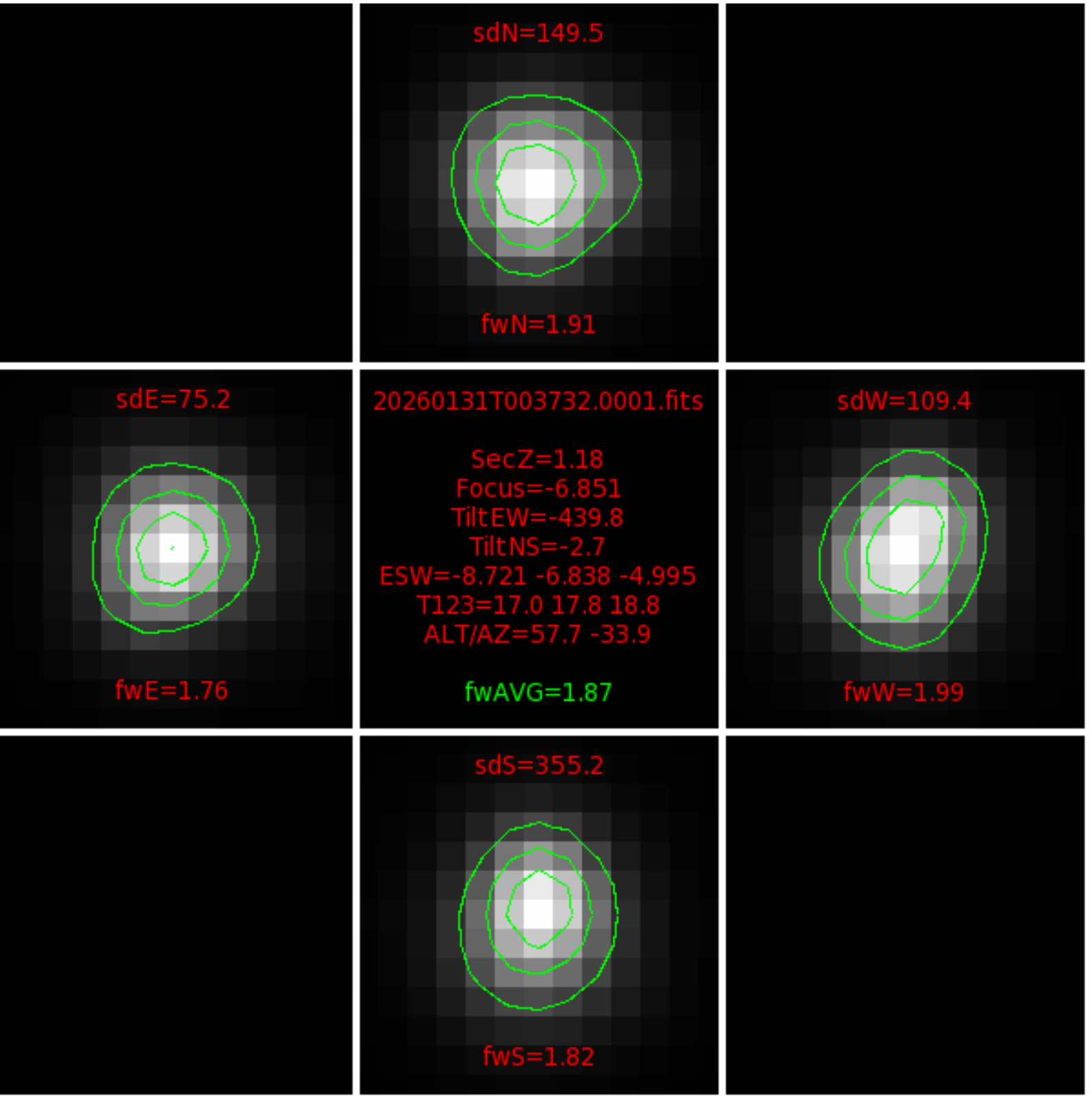
sdN=149.5
fwN=1.91
sdE=75.2
fwE=1.76
20260131T003732.0001.fits
SecZ=1.18
Focus=-6.851
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.721 -6.838 -4.995
T123=17.0 17.8 18.8
ALT/AZ=57.7 -33.9
fwAVG=1.87
sdW=109.4
fwW=1.99
sdS=355.2
fwS=1.82
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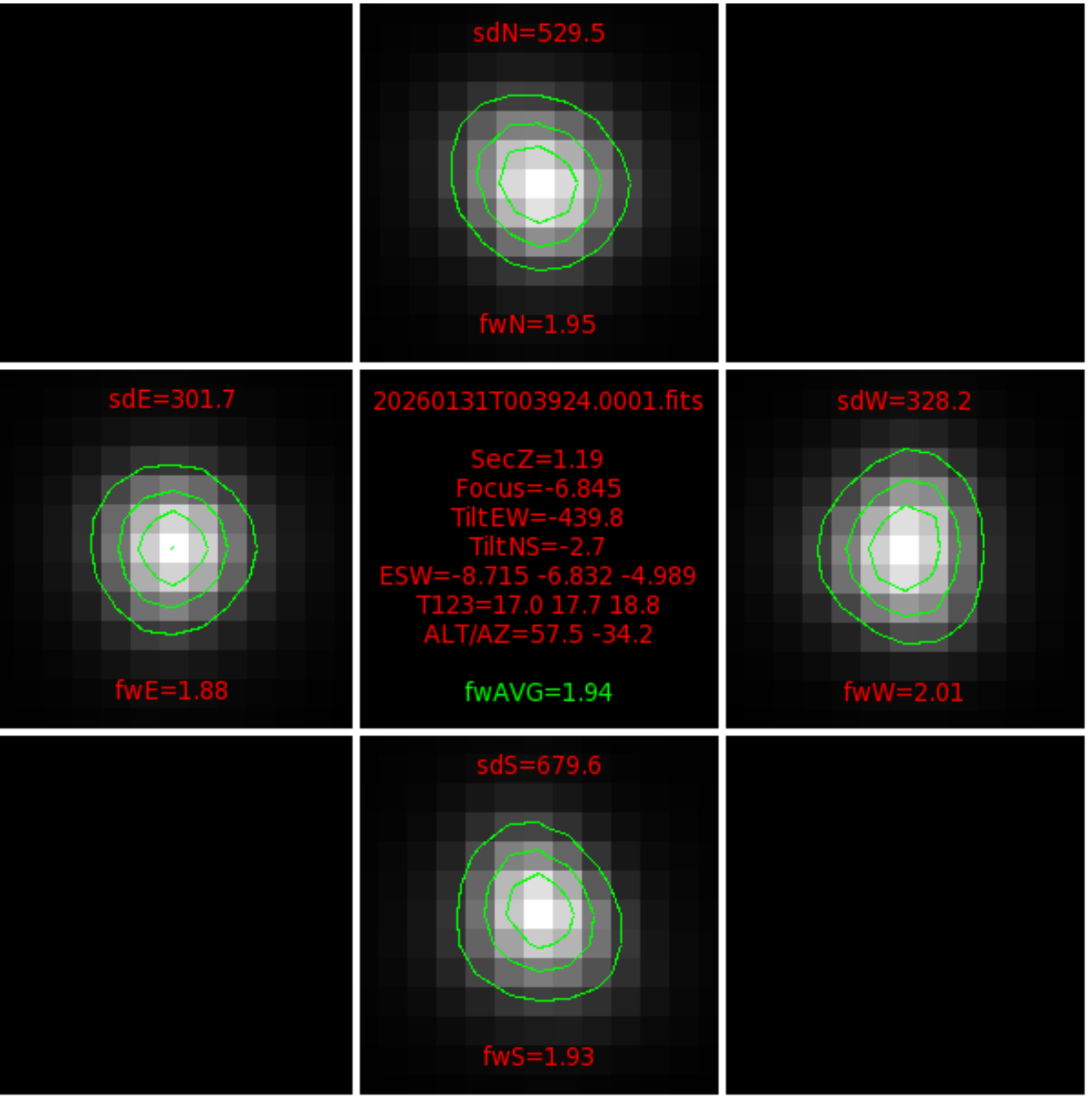
sdN=529.5
fwN=1.95
sdE=301.7
fwE=1.88
20260131T003924.0001.fits
SecZ=1.19
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.0 17.7 18.8
ALT/AZ=57.5 -34.2
fwAVG=1.94
sdW=328.2
fwW=2.01
sdS=679.6
fwS=1.93
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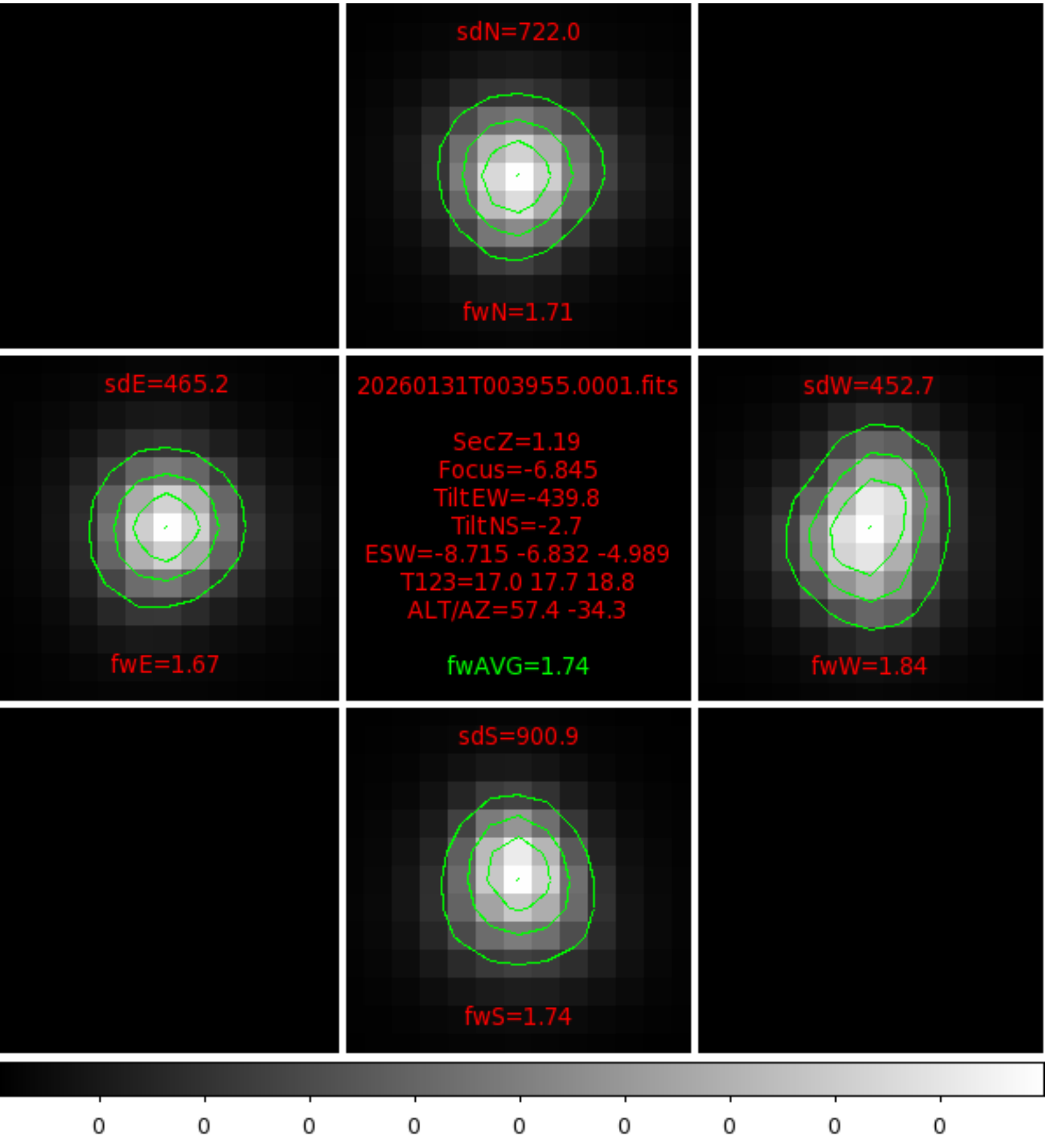
sdN=722.0
fwN=1.71
sdE=465.2
fwE=1.67
20260131T003955.0001.fits
SecZ=1.19
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.0 17.7 18.8
ALT/AZ=57.4 -34.3
fwAVG=1.74
sdW=452.7
fwW=1.84
sdS=900.9
fwS=1.74
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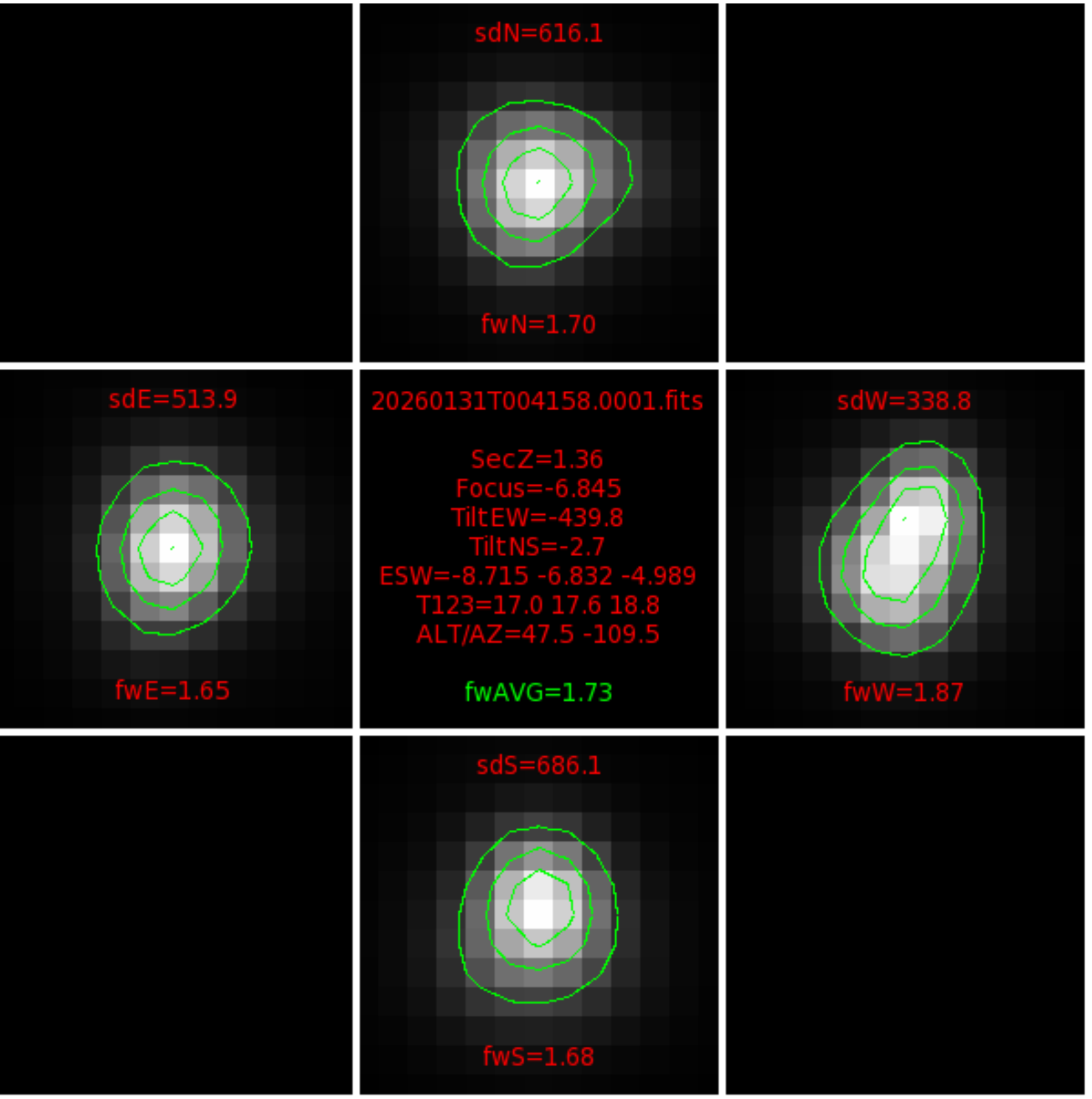
sdN=616.1
fwN=1.70
sdE=513.9
fwE=1.65
20260131T004158.0001.fits
SecZ=1.36
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.0 17.6 18.8
ALT/AZ=47.5 -109.5
fwAVG=1.73
sdW=338.8
fwW=1.87
sdS=686.1
fwS=1.68
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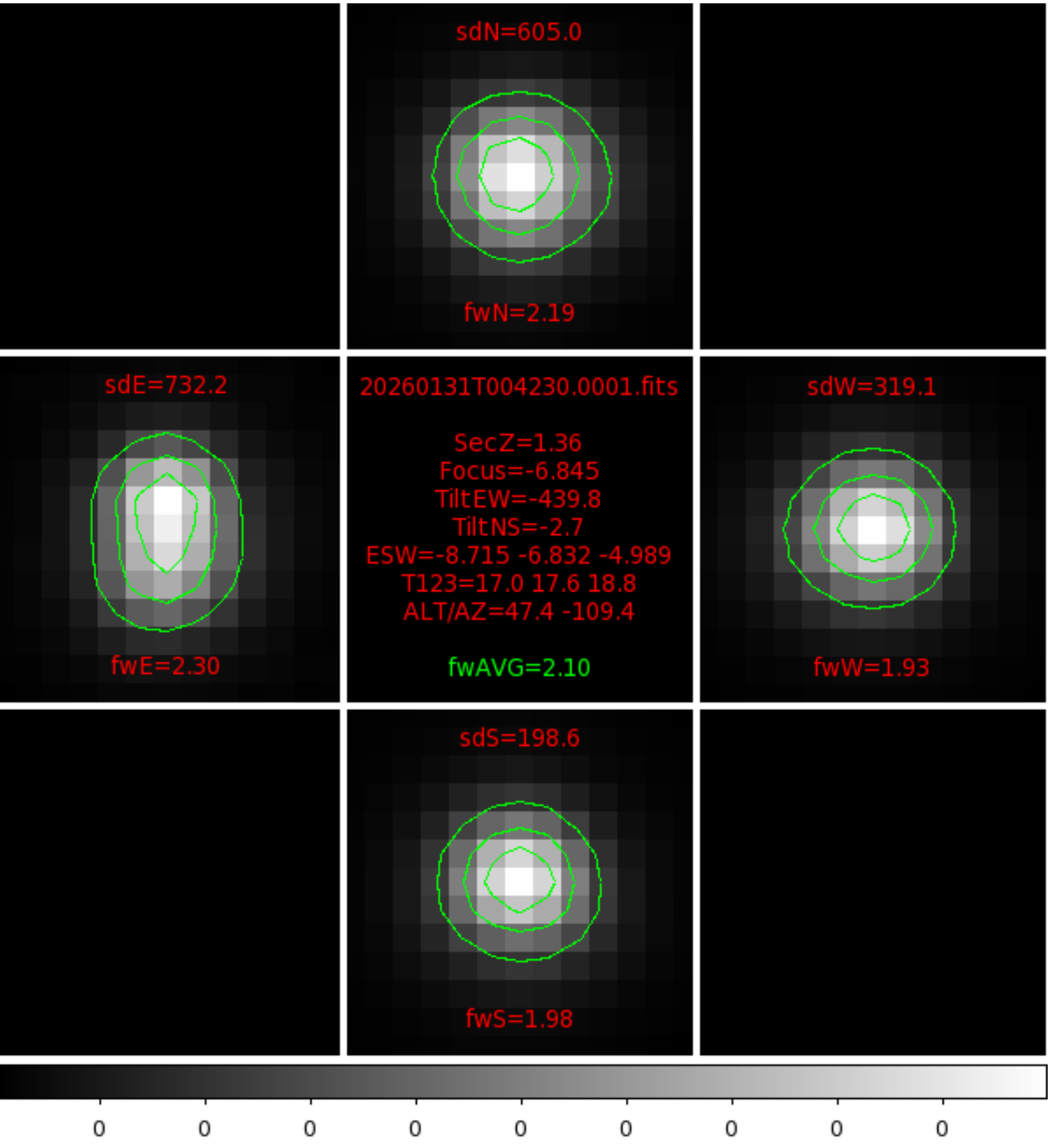
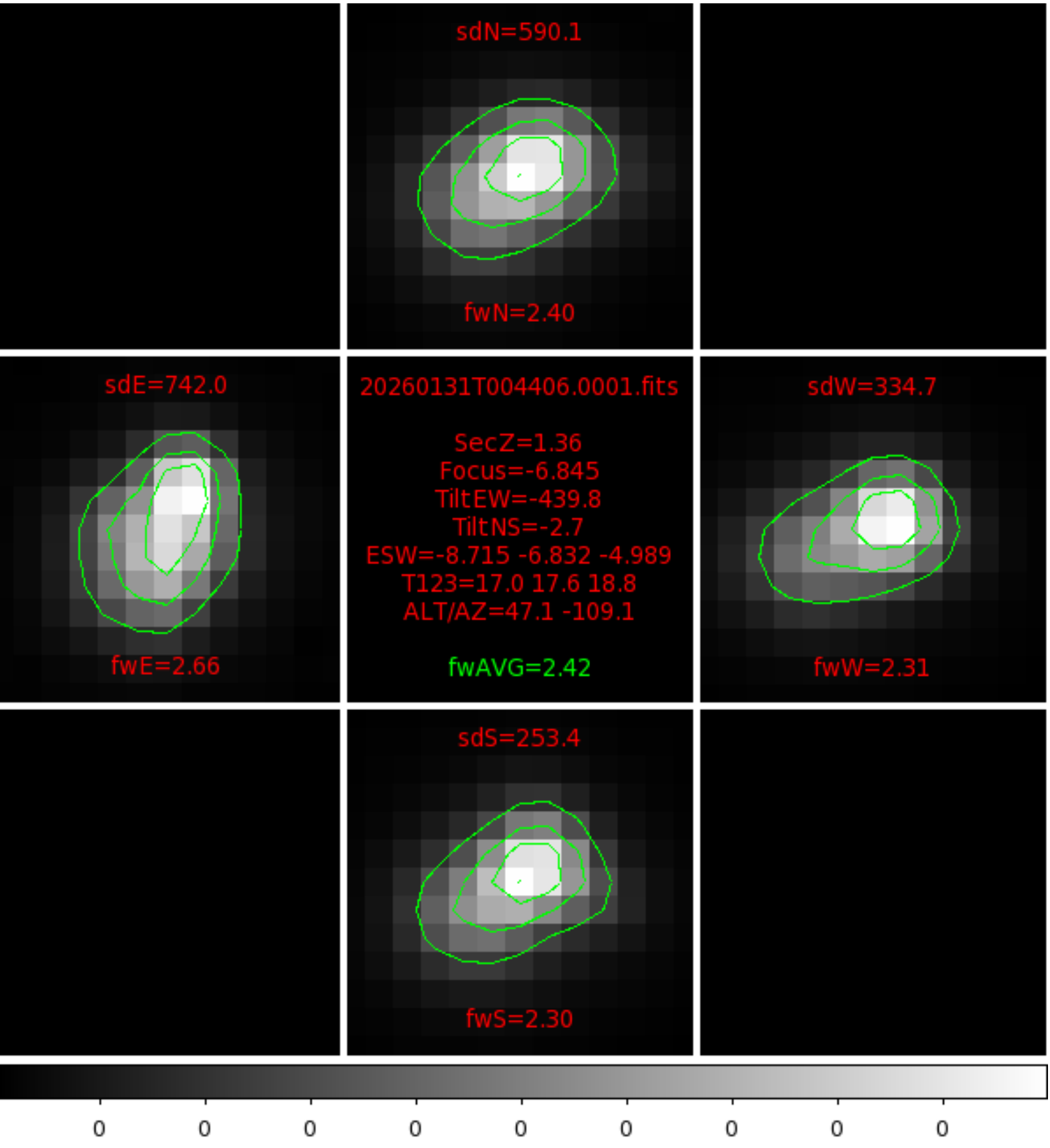

sdN=605.0
fwN=2.19
sdE=732.2
fwE=2.30
20260131T004230.0001.fits
SecZ=1.36
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.0 17.6 18.8
ALT/AZ=47.4 -109.4
fwAVG=2.10
sdW=319.1
fwW=1.93
sdS=198.6
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=590.1
fwN=2.40
sdE=742.0
fwE=2.66
20260131T004406.0001.fits
SecZ=1.36
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.0 17.6 18.8
ALT/AZ=47.1 -109.1
fwAVG=2.42
sdW=334.7
fwW=2.31
sdS=253.4
fwS=2.30
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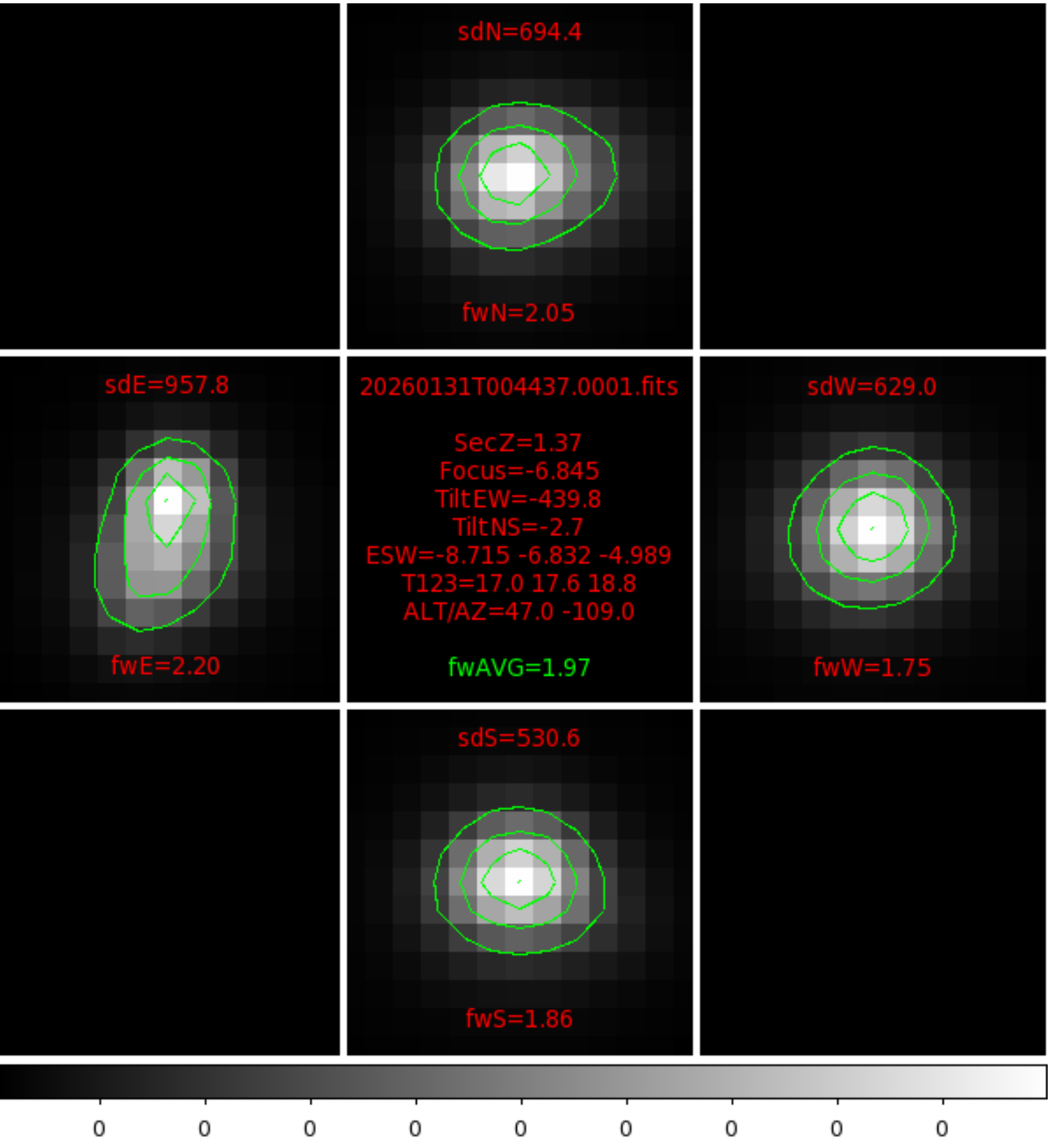
sdN=694.4
fwN=2.05
sdE=957.8
fwE=2.20
20260131T004437.0001.fits
SecZ=1.37
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.0 17.6 18.8
ALT/AZ=47.0 -109.0
fwAVG=1.97
sdW=629.0
fwW=1.75
sdS=530.6
fwS=1.86
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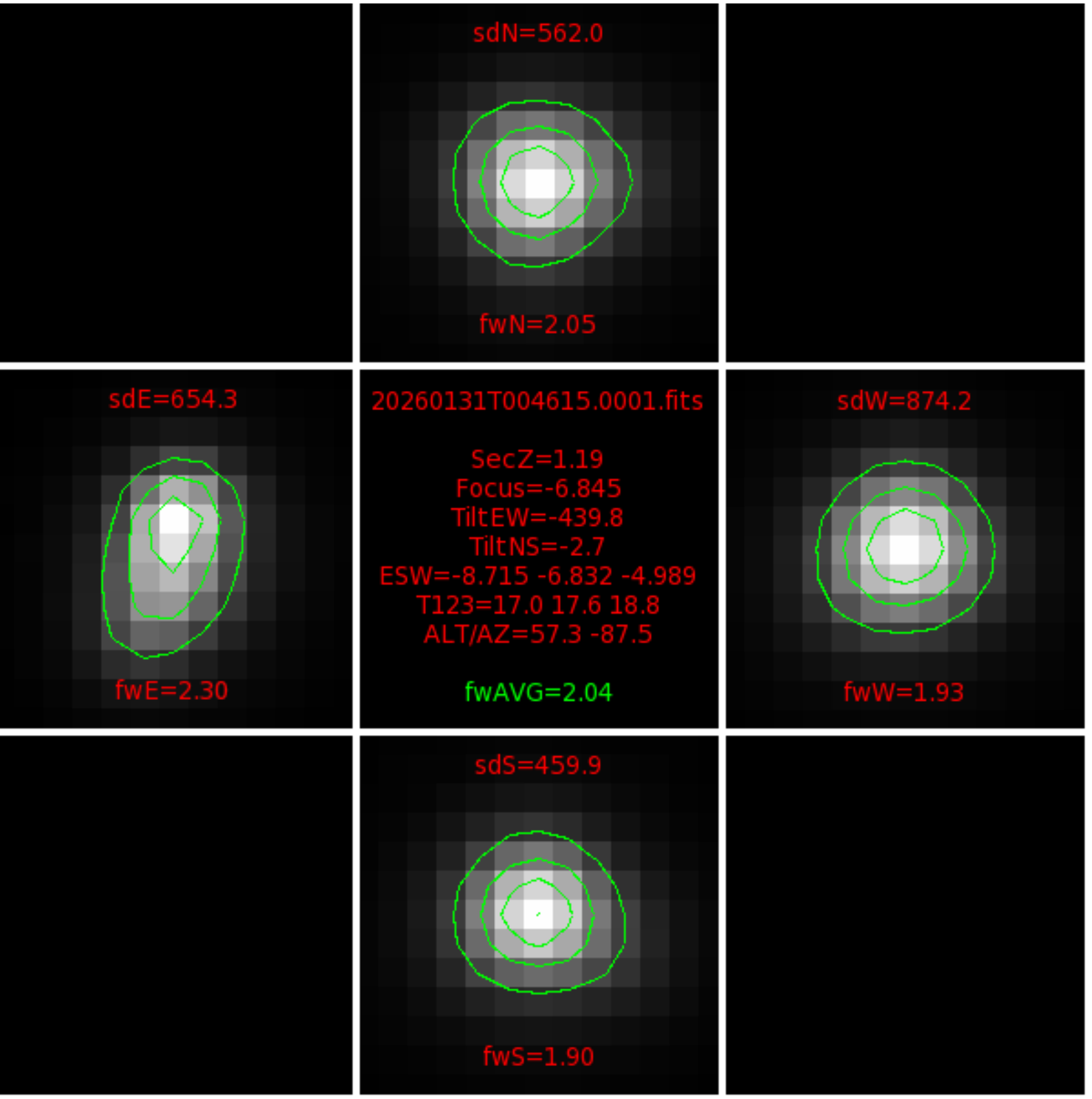
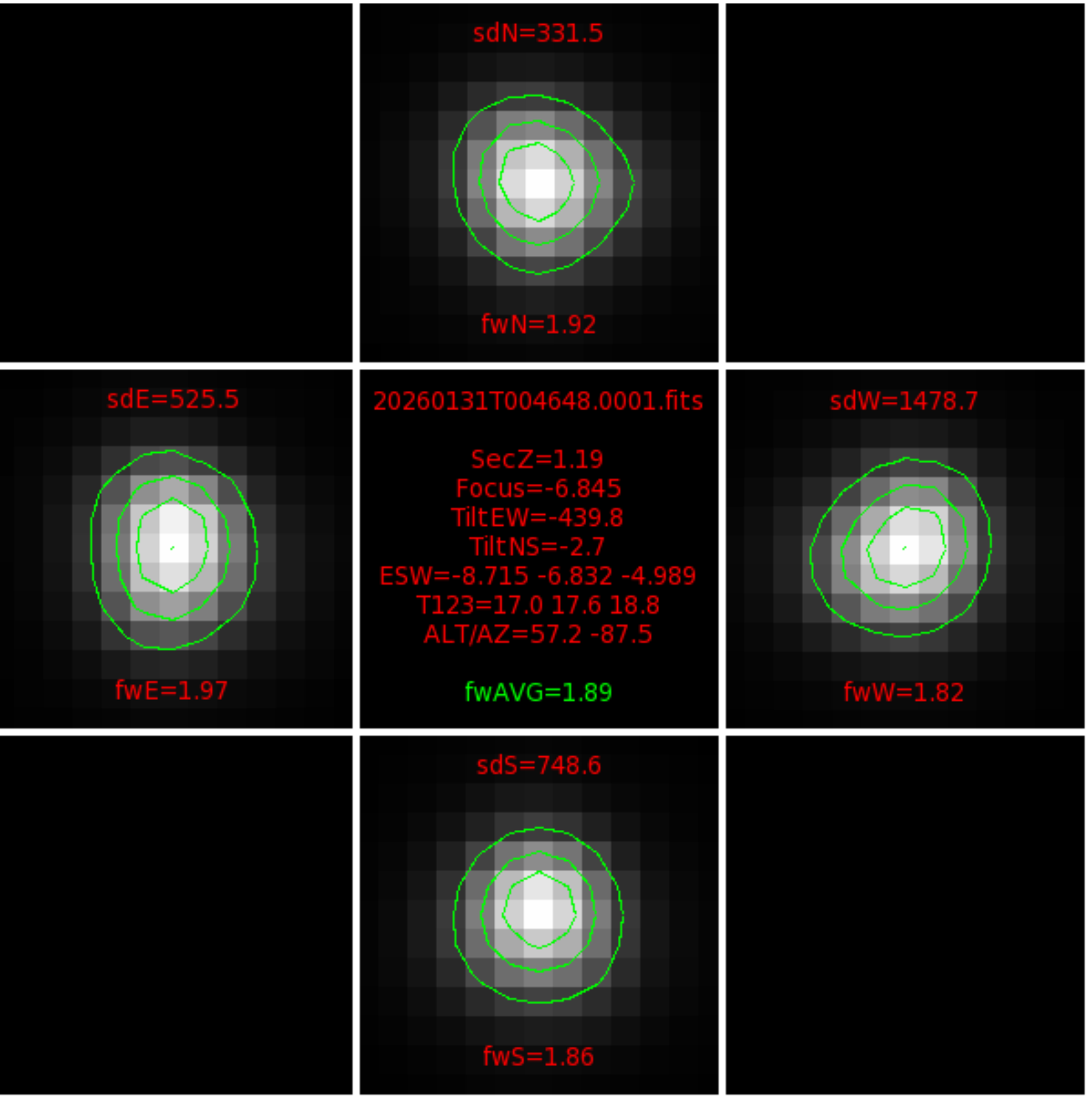

sdN=562.0
fwN=2.05
sdE=654.3
fwE=2.30
20260131T004615.0001.fits
SecZ=1.19
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.0 17.6 18.8
ALT/AZ=57.3 -87.5
fwAVG=2.04
sdW=874.2
fwW=1.93
sdS=459.9
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=331.5
fwN=1.92
sdE=525.5
fwE=1.97
20260131T004648.0001.fits
SecZ=1.19
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.0 17.6 18.8
ALT/AZ=57.2 -87.5
fwAVG=1.89
sdW=1478.7
fwW=1.82
sdS=748.6
fwS=1.86
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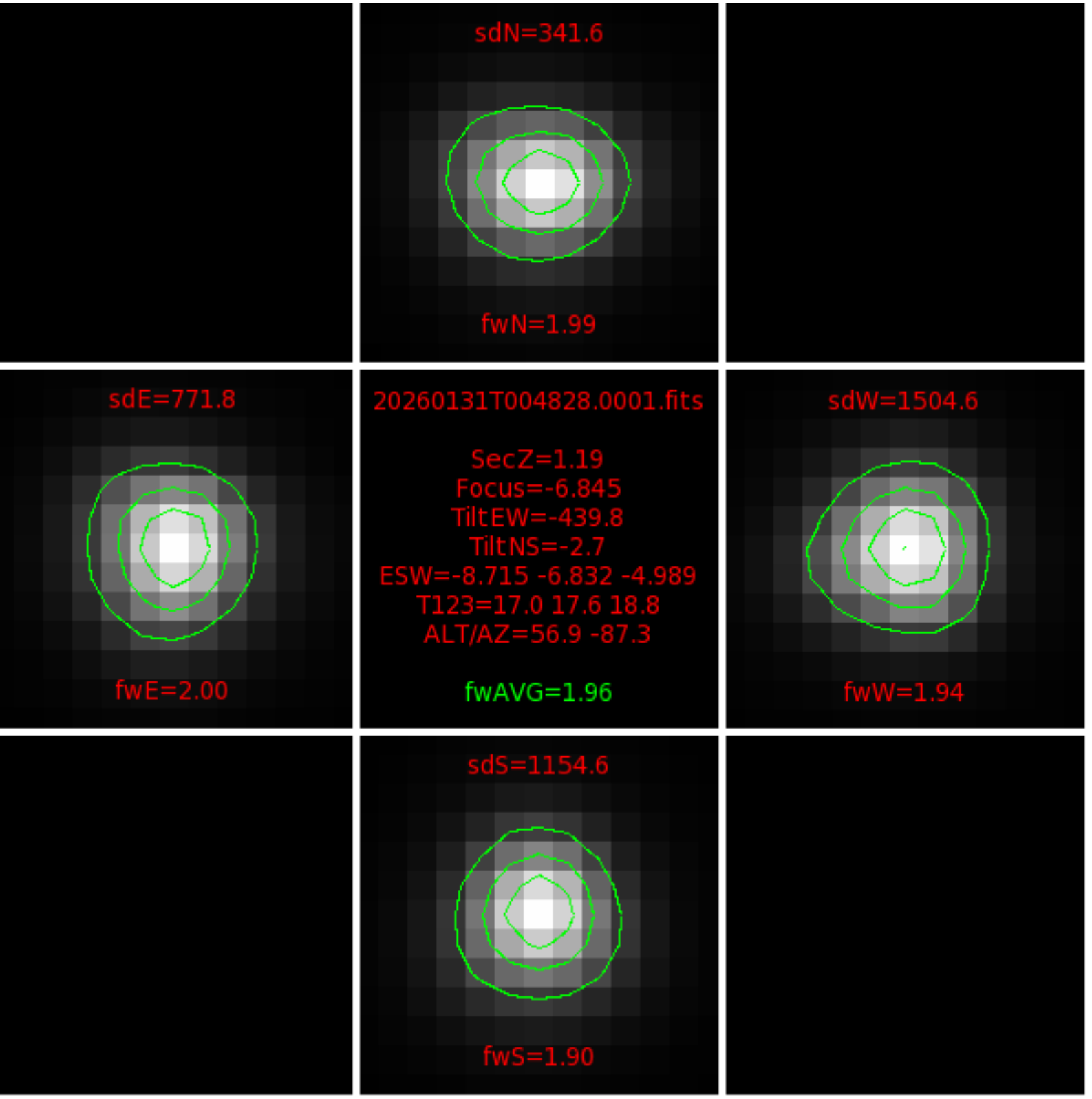
sdN=341.6
fwN=1.99
sdE=771.8
fwE=2.00
20260131T004828.0001.fits
SecZ=1.19
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.0 17.6 18.8
ALT/AZ=56.9 -87.3
fwAVG=1.96
sdW=1504.6
fwW=1.94
sdS=1154.6
fwS=1.90
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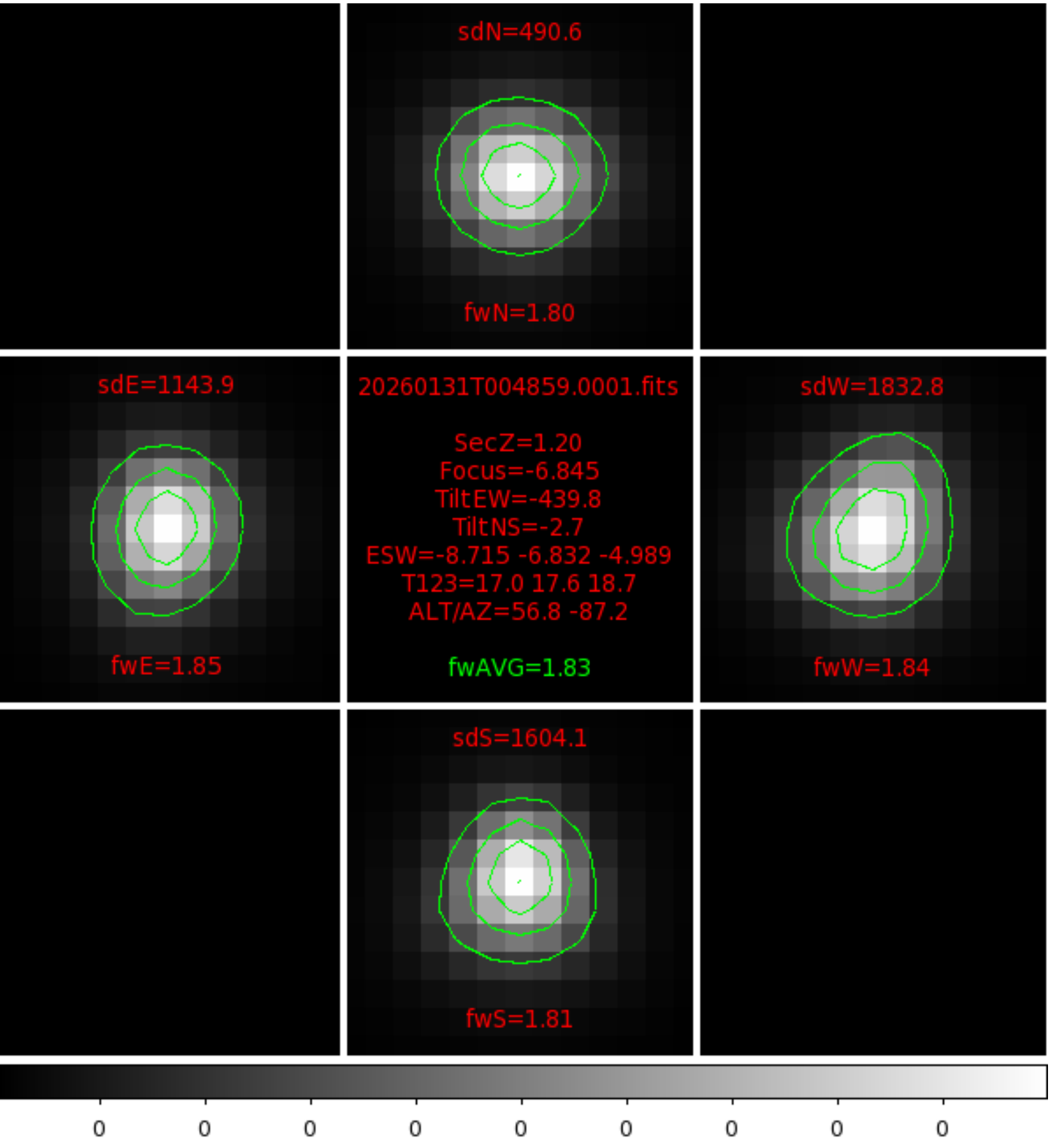
sdN=490.6
fwN=1.80
sdE=1143.9
fwE=1.85
20260131T004859.0001.fits
SecZ=1.20
Focus=-6.845
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.715 -6.832 -4.989
T123=17.0 17.6 18.7
ALT/AZ=56.8 -87.2
fwAVG=1.83
sdW=1832.8
fwW=1.84
sdS=1604.1
fwS=1.81
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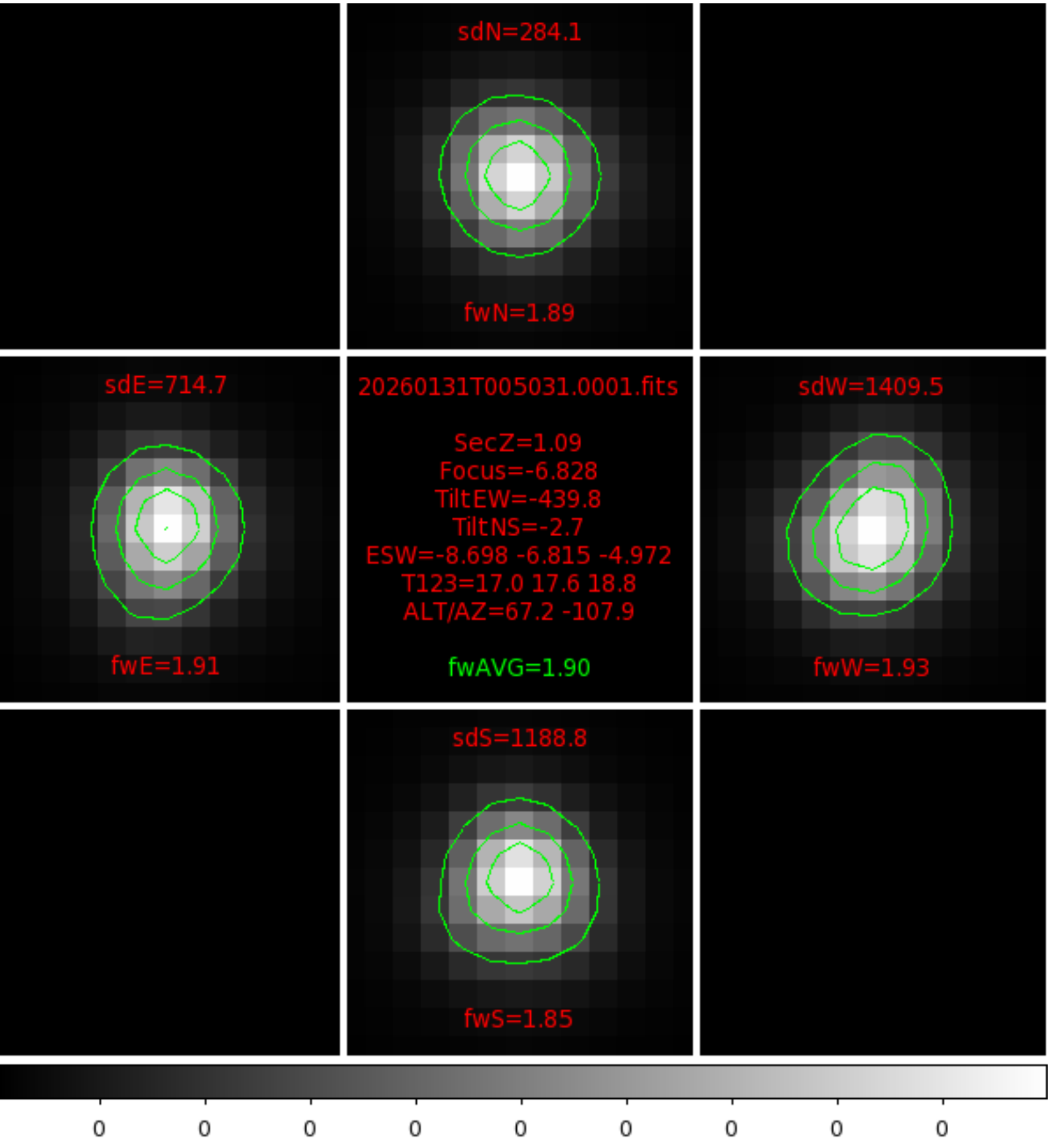
sdN=284.1
fwN=1.89
sdE=714.7
fwE=1.91
20260131T005031.0001.fits
SecZ=1.09
Focus=-6.828
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.698 -6.815 -4.972
T123=17.0 17.6 18.8
ALT/AZ=67.2 -107.9
fwAVG=1.90
sdW=1409.5
fwW=1.93
sdS=1188.8
fwS=1.85
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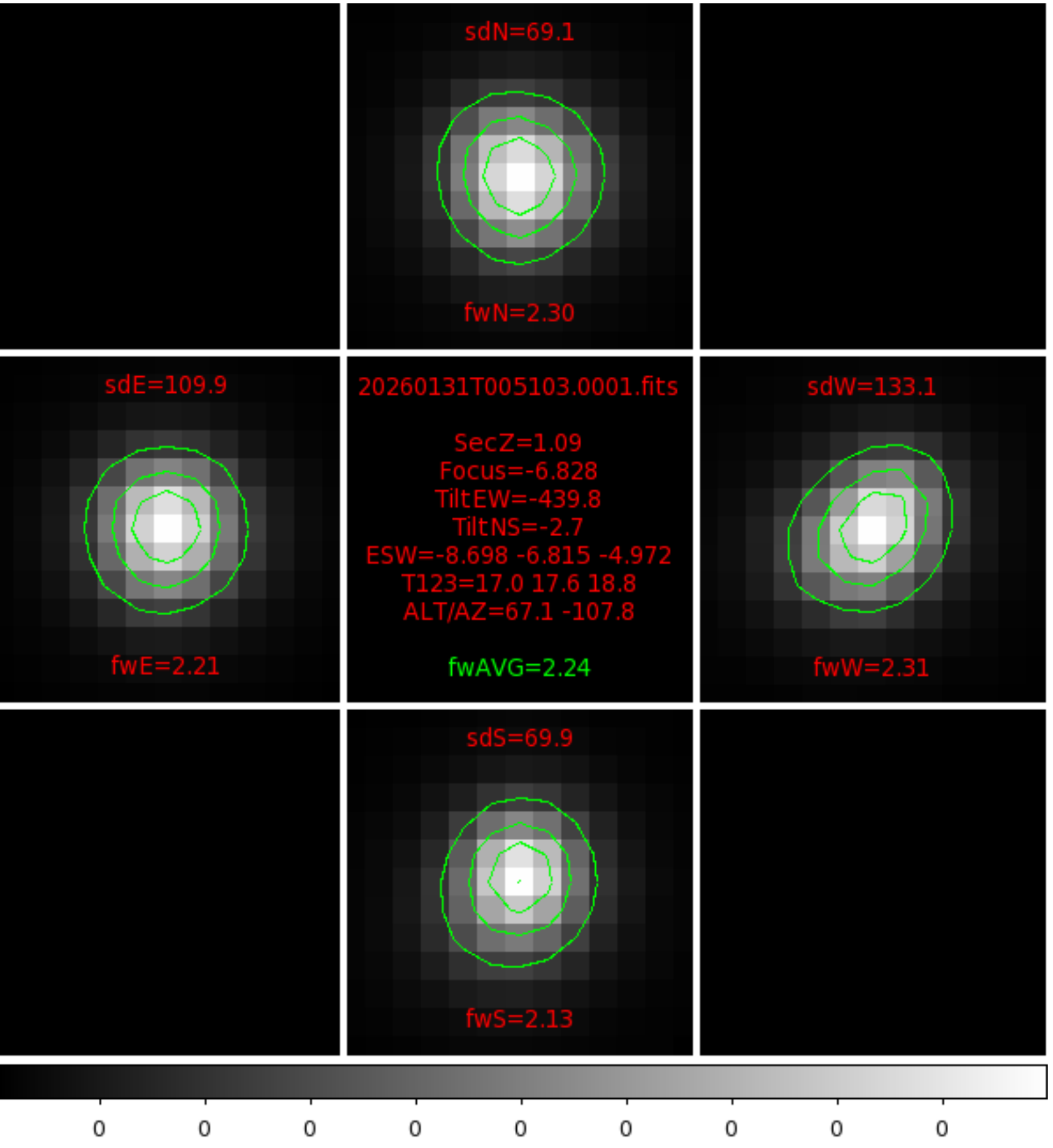
sdN=69.1
fwN=2.30
sdE=109.9
fwE=2.21
20260131T005103.0001.fits
SecZ=1.09
Focus=-6.828
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.698 -6.815 -4.972
T123=17.0 17.6 18.8
ALT/AZ=67.1 -107.8
fwAVG=2.24
sdW=133.1
fwW=2.31
sdS=69.9
fwS=2.13
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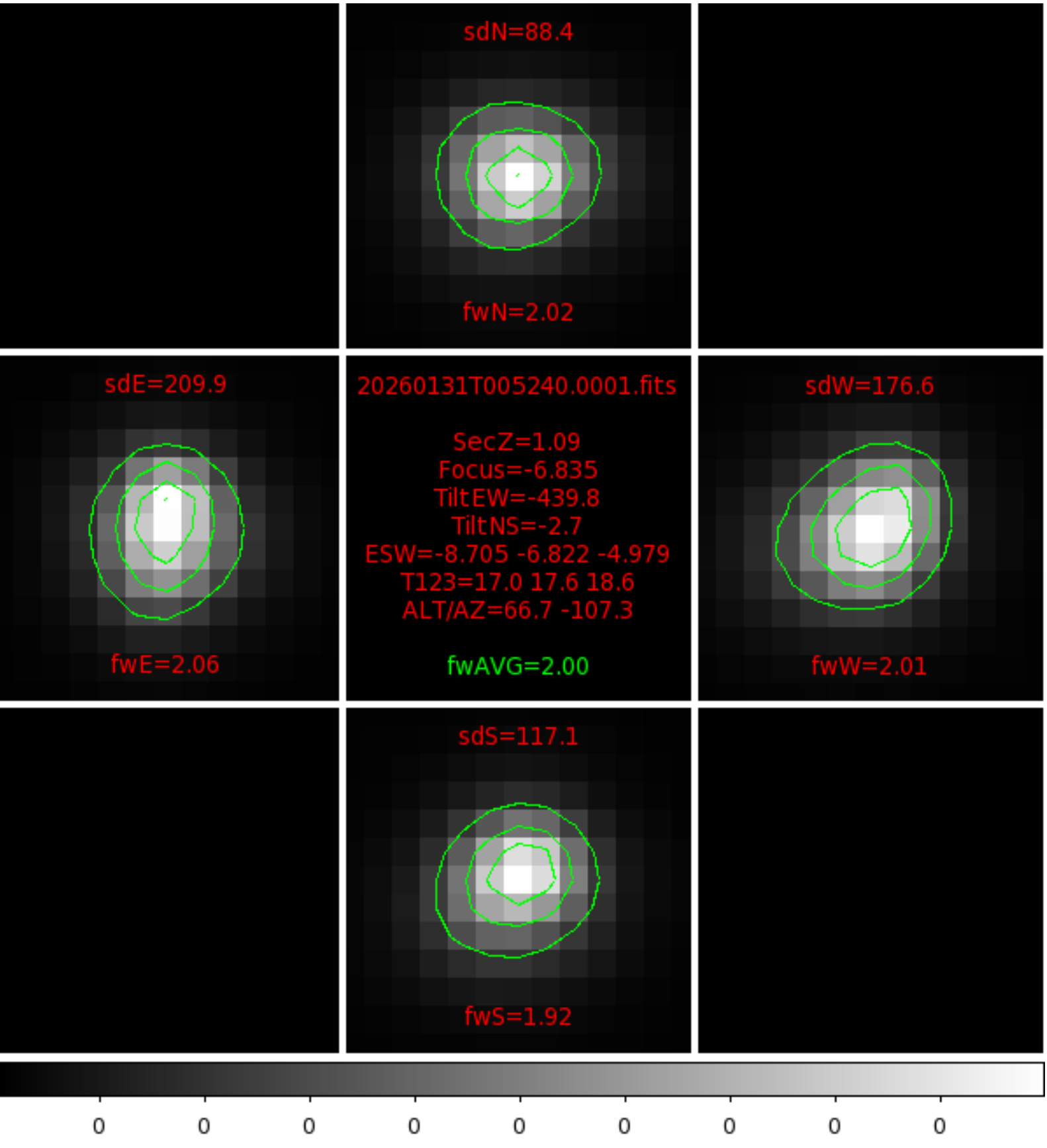
sdN=88.4
fwN=2.02
sdE=209.9
fwE=2.06
20260131T005240.0001.fits
SecZ=1.09
Focus=-6.835
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.705 -6.822 -4.979
T123=17.0 17.6 18.6
ALT/AZ=66.7 -107.3
fwAVG=2.00
sdW=176.6
fwW=2.01
sdS=117.1
fwS=1.92
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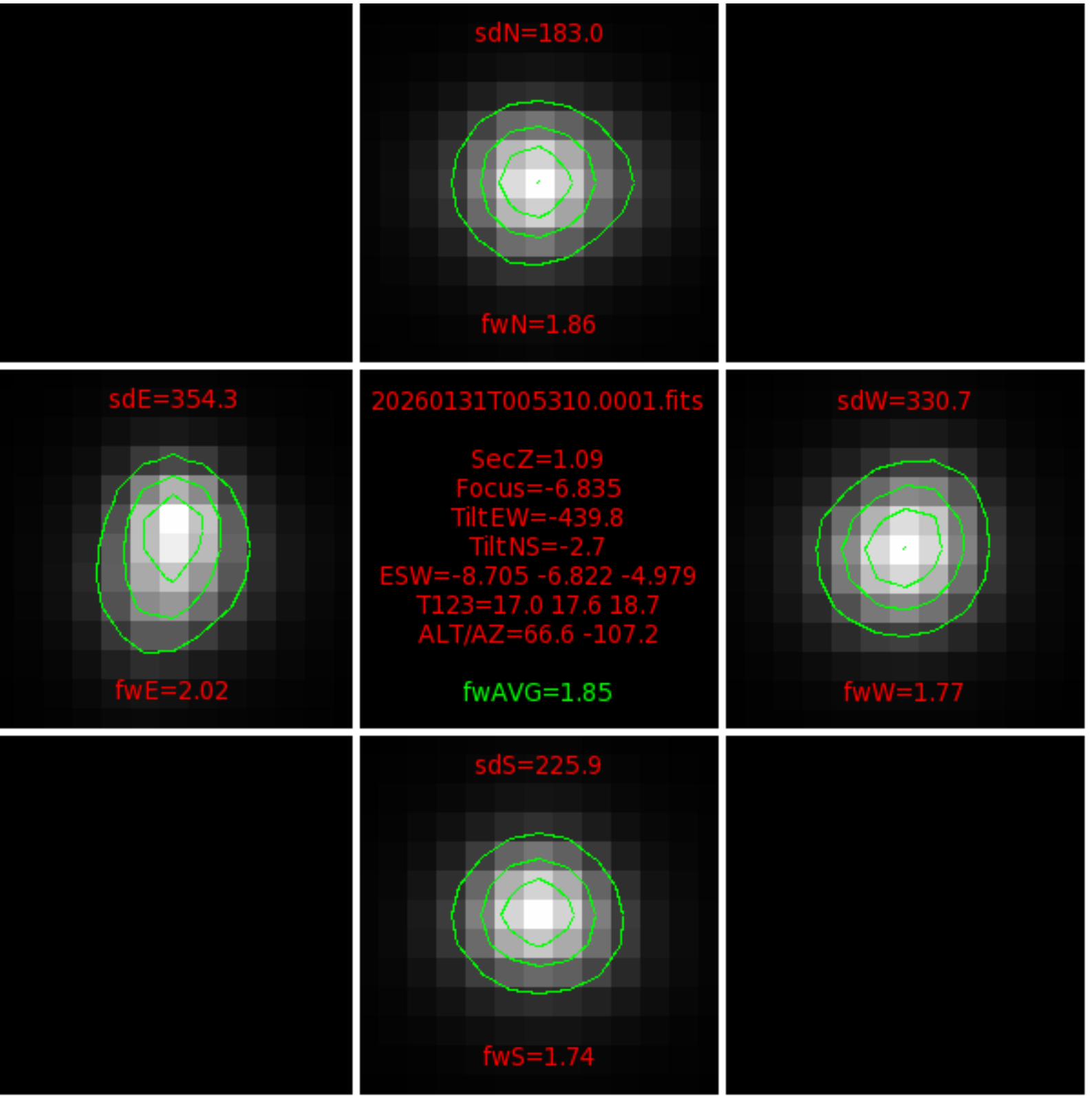
sdN=183.0
fwN=1.86
sdE=354.3
fwE=2.02
20260131T005310.0001.fits
SecZ=1.09
Focus=-6.835
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.705 -6.822 -4.979
T123=17.0 17.6 18.7
ALT/AZ=66.6 -107.2
fwAVG=1.85
sdW=330.7
fwW=1.77
sdS=225.9
fwS=1.74
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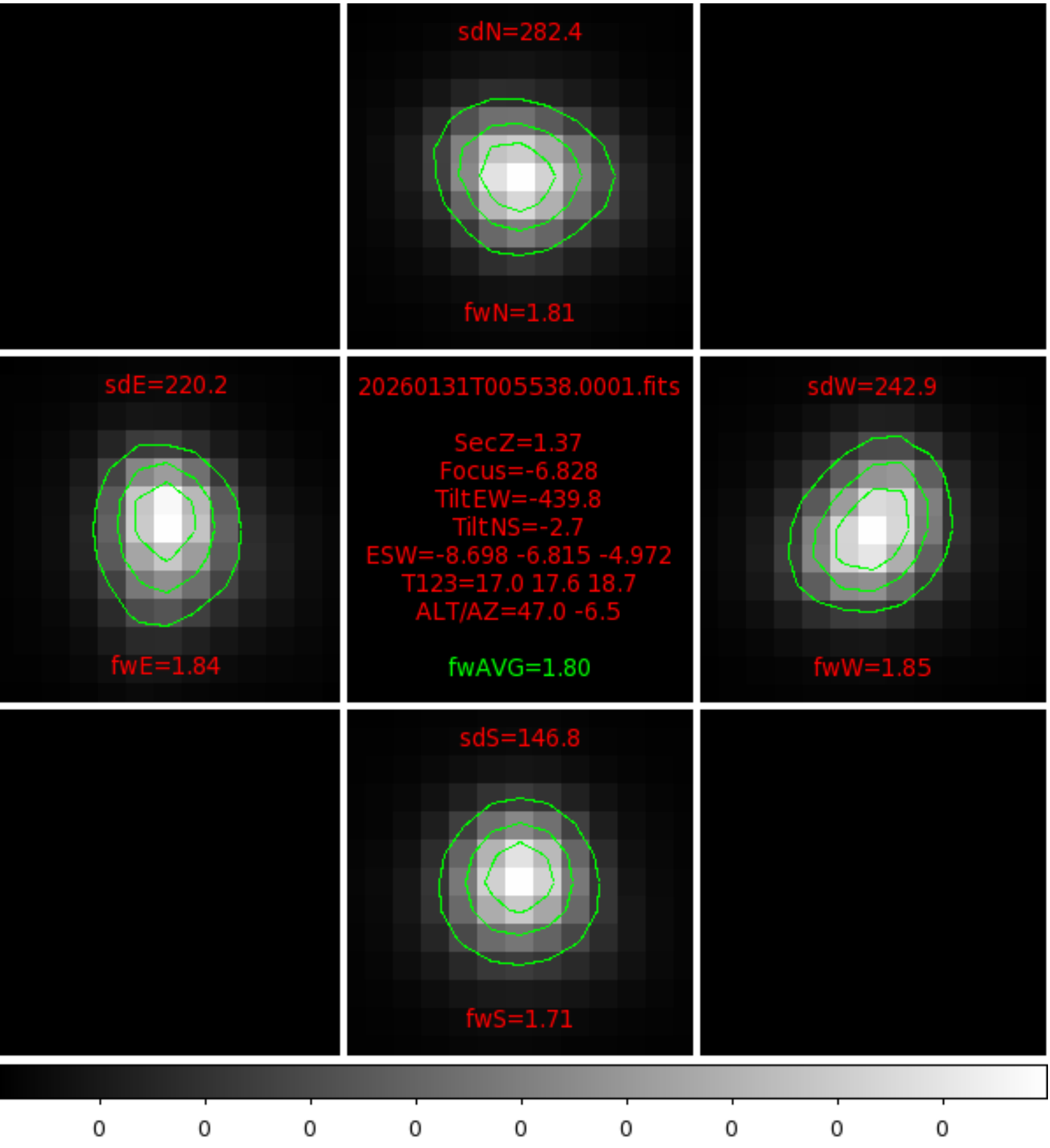
sdN=282.4
fwN=1.81
sdE=220.2
fwE=1.84
20260131T005538.0001.fits
SecZ=1.37
Focus=-6.828
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.698 -6.815 -4.972
T123=17.0 17.6 18.7
ALT/AZ=47.0 -6.5
fwAVG=1.80
sdW=242.9
fwW=1.85
sdS=146.8
fwS=1.71
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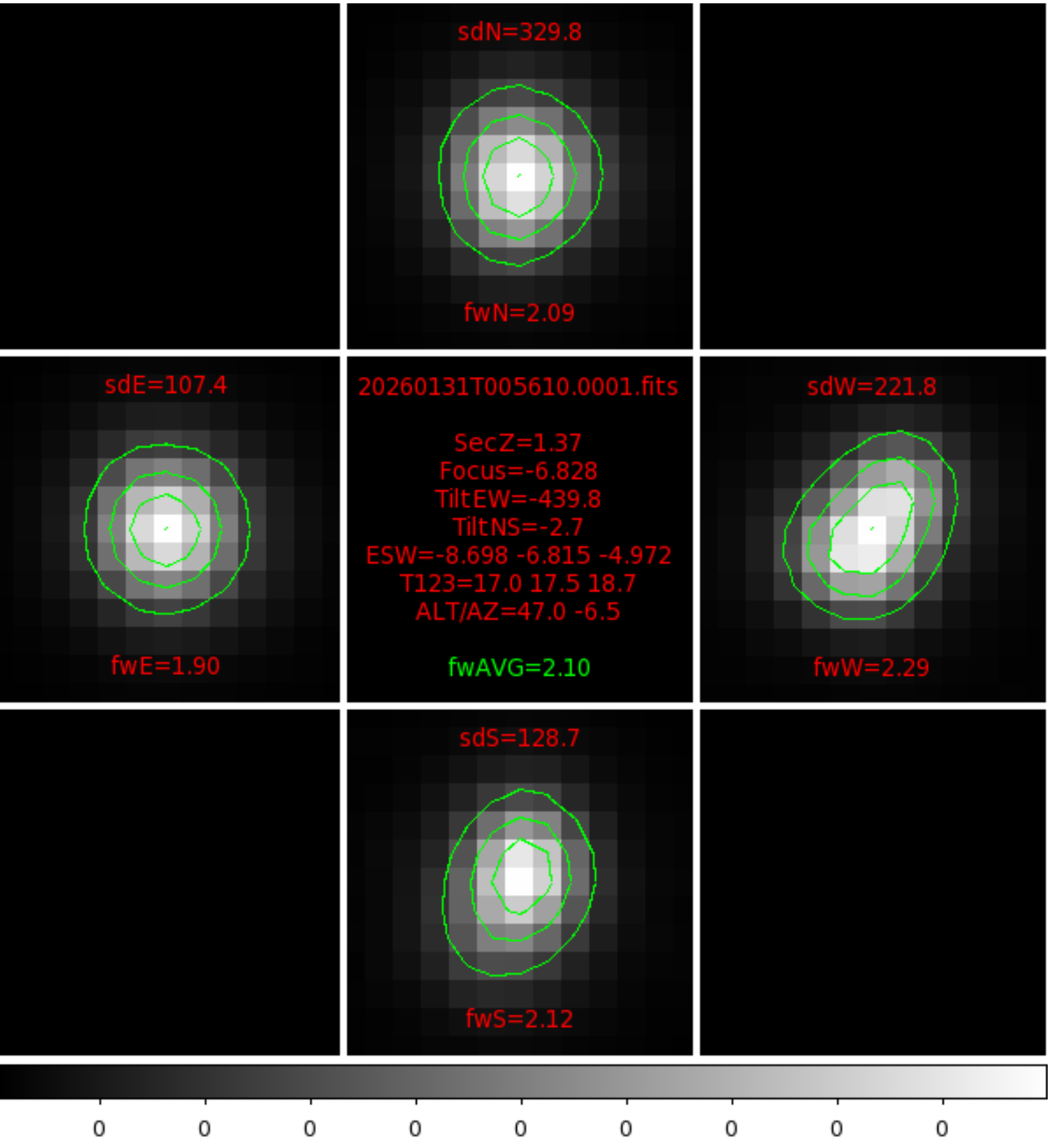
sdN=329.8
fwN=2.09
sdE=107.4
fwE=1.90
20260131T005610.0001.fits
SecZ=1.37
Focus=-6.828
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.698 -6.815 -4.972
T123=17.0 17.5 18.7
ALT/AZ=47.0 -6.5
fwAVG=2.10
sdW=221.8
fwW=2.29
sdS=128.7
fwS=2.12
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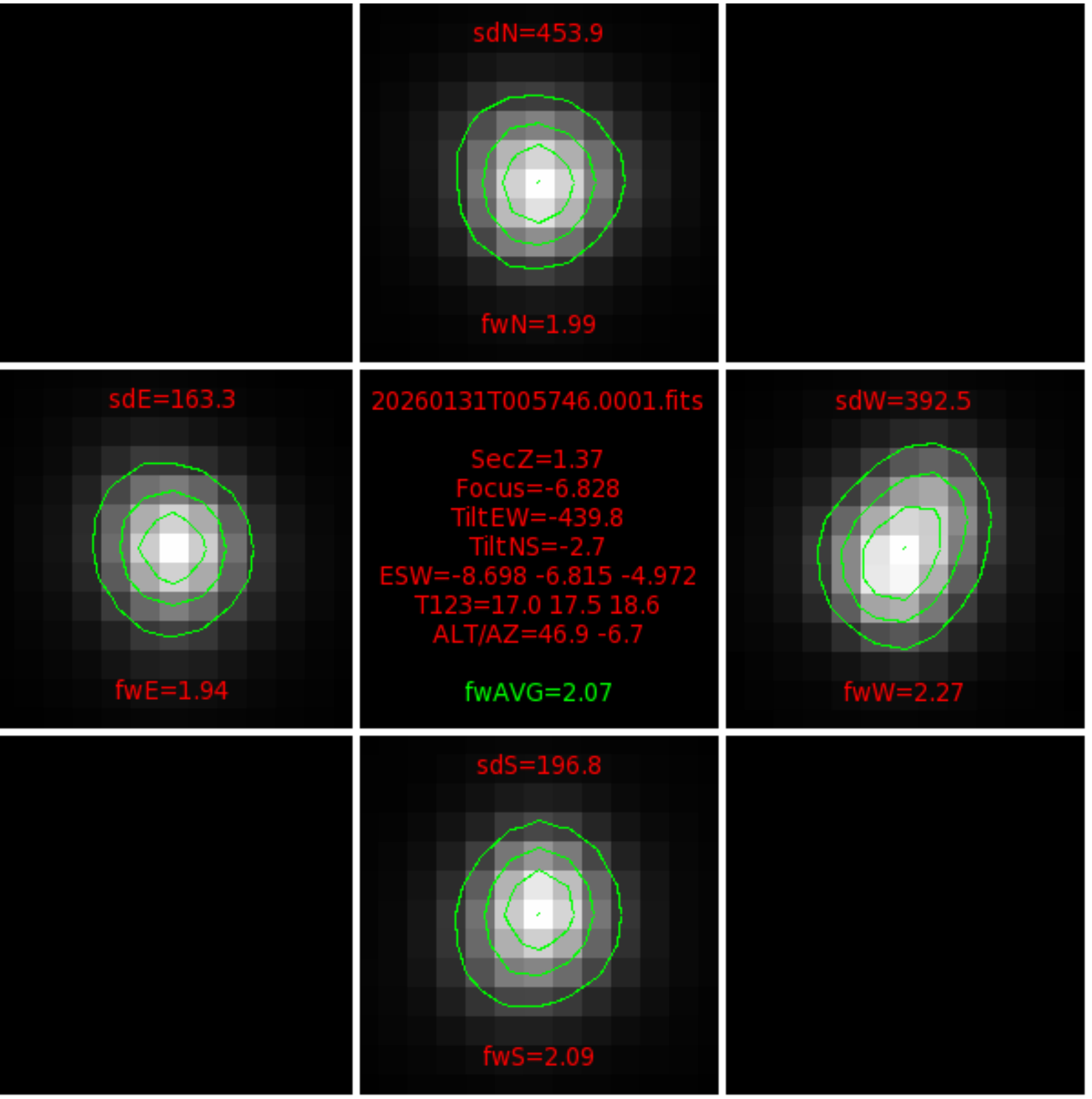
sdN=453.9
fwN=1.99
sdE=163.3
fwE=1.94
20260131T005746.0001.fits
SecZ=1.37
Focus=-6.828
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.698 -6.815 -4.972
T123=17.0 17.5 18.6
ALT/AZ=46.9 -6.7
fwAVG=2.07
sdW=392.5
fwW=2.27
sdS=196.8
fwS=2.09
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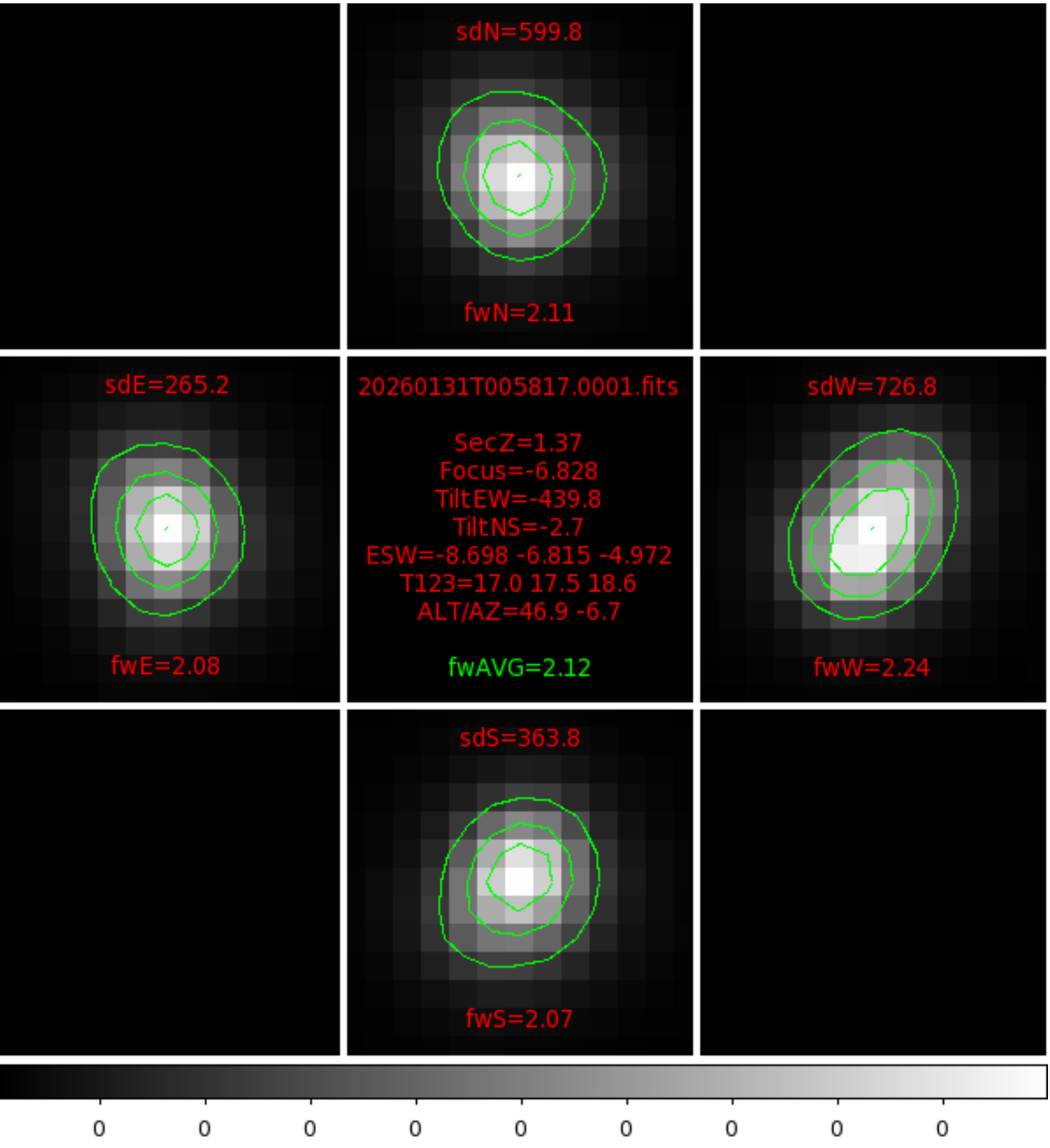
sdN=599.8
fwN=2.11
sdE=265.2
fwE=2.08
20260131T005817.0001.fits
SecZ=1.37
Focus=-6.828
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.698 -6.815 -4.972
T123=17.0 17.5 18.6
ALT/AZ=46.9 -6.7
fwAVG=2.12
sdW=726.8
fwW=2.24
sdS=363.8
fwS=2.07
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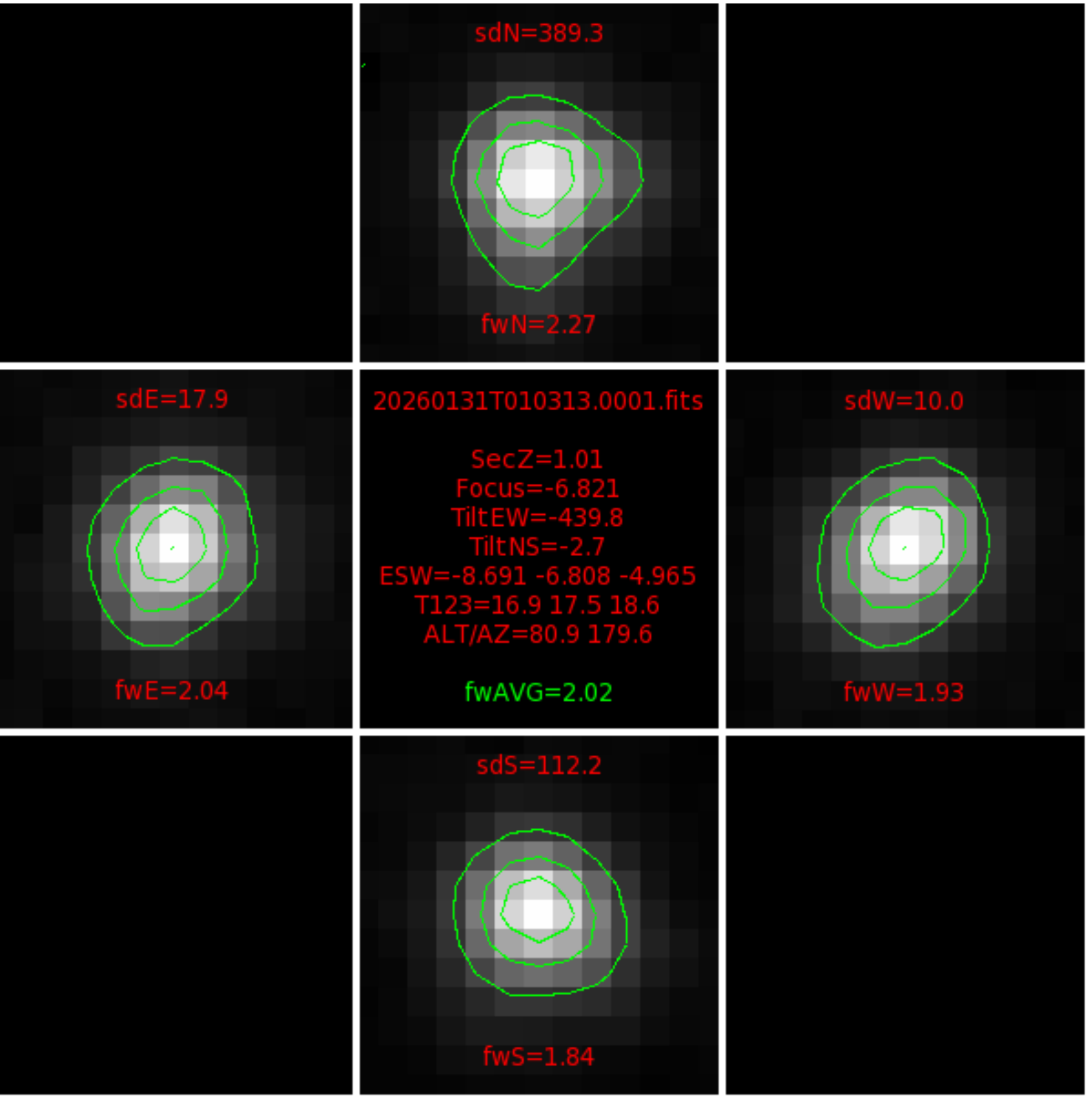
sdN=389.3
fwN=2.27
sdE=17.9
fwE=2.04
20260131T010313.0001.fits
SecZ=1.01
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=16.9 17.5 18.6
ALT/AZ=80.9 179.6
fwAVG=2.02
sdW=10.0
fwW=1.93
sdS=112.2
fwS=1.84
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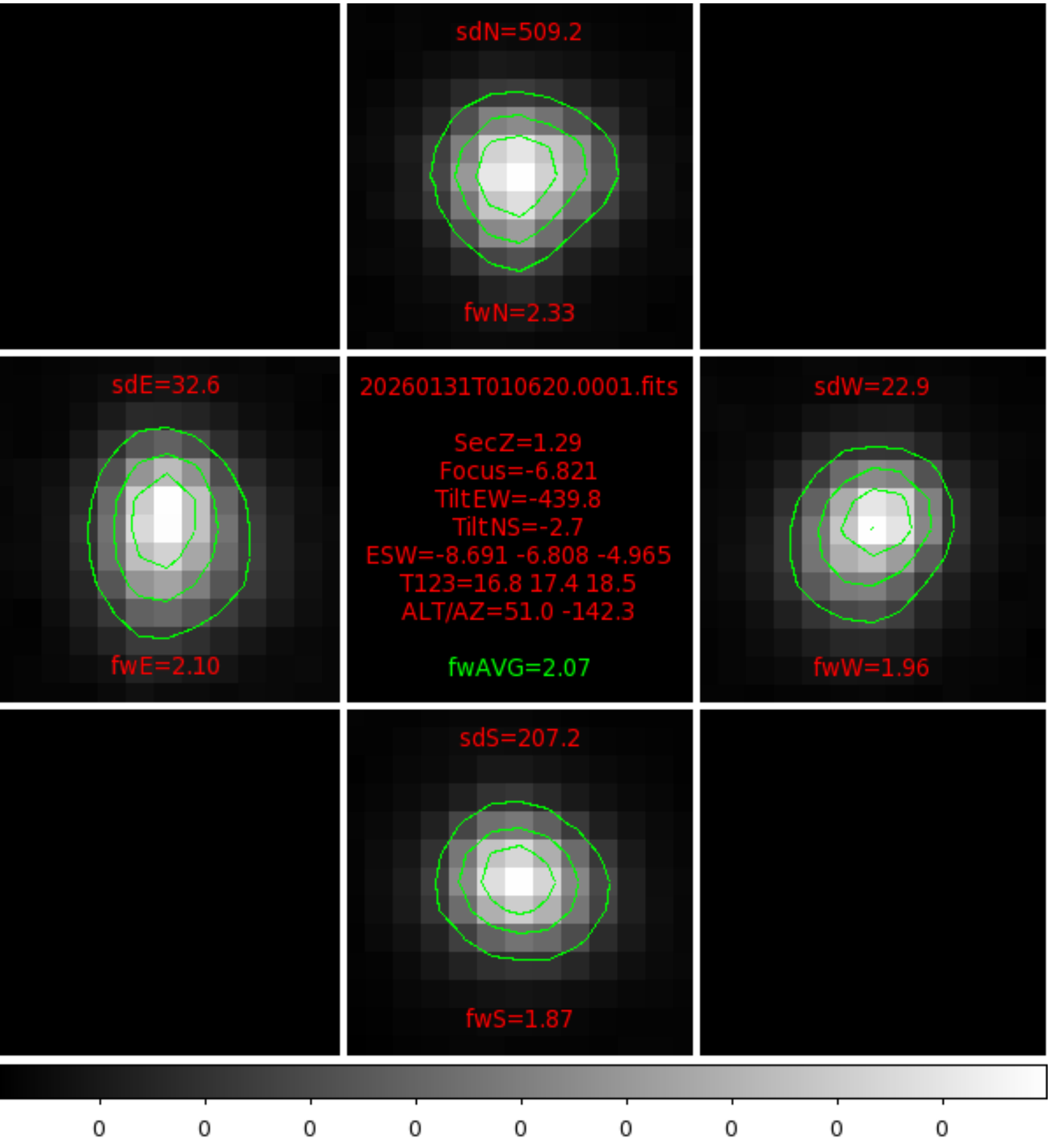
sdN=509.2
fwN=2.33
sdE=32.6
fwE=2.10
20260131T010620.0001.fits
SecZ=1.29
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=16.8 17.4 18.5
ALT/AZ=51.0 -142.3
fwAVG=2.07
sdW=22.9
fwW=1.96
sdS=207.2
fwS=1.87
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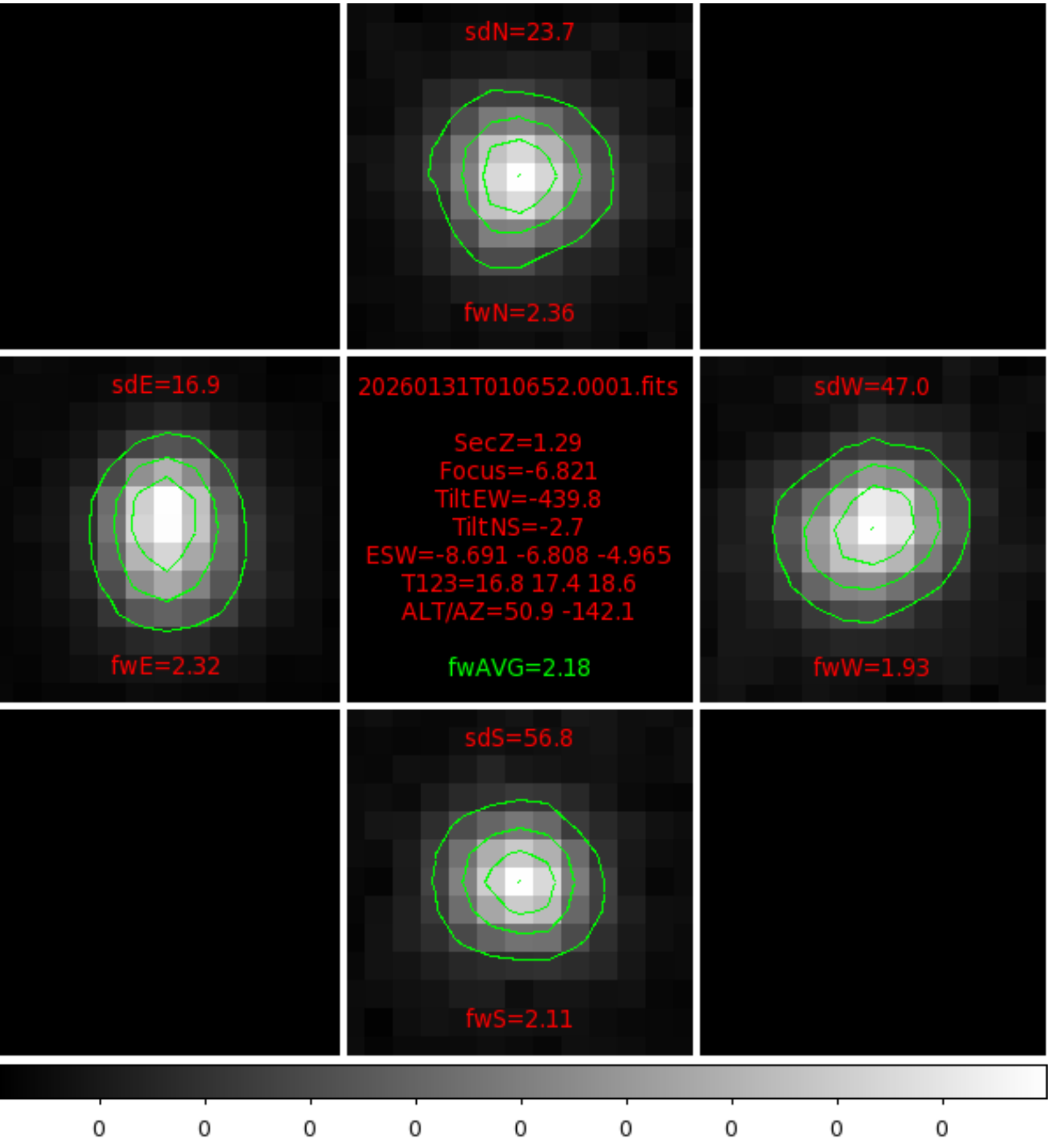
sdN=23.7
fwN=2.36
sdE=16.9
fwE=2.32
20260131T010652.0001.fits
SecZ=1.29
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=16.8 17.4 18.6
ALT/AZ=50.9 -142.1
fwAVG=2.18
sdW=47.0
fwW=1.93
sdS=56.8
fwS=2.11
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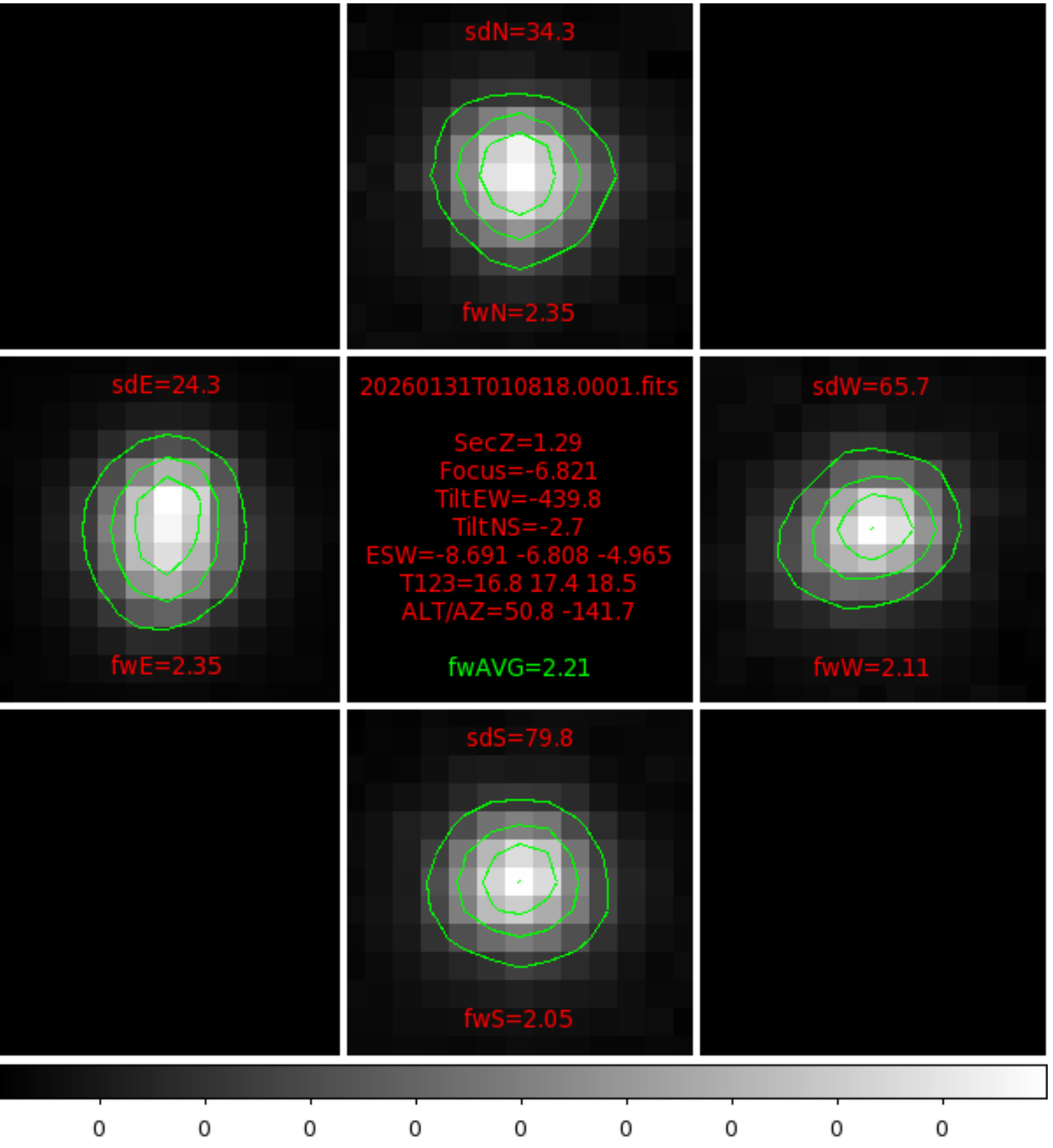
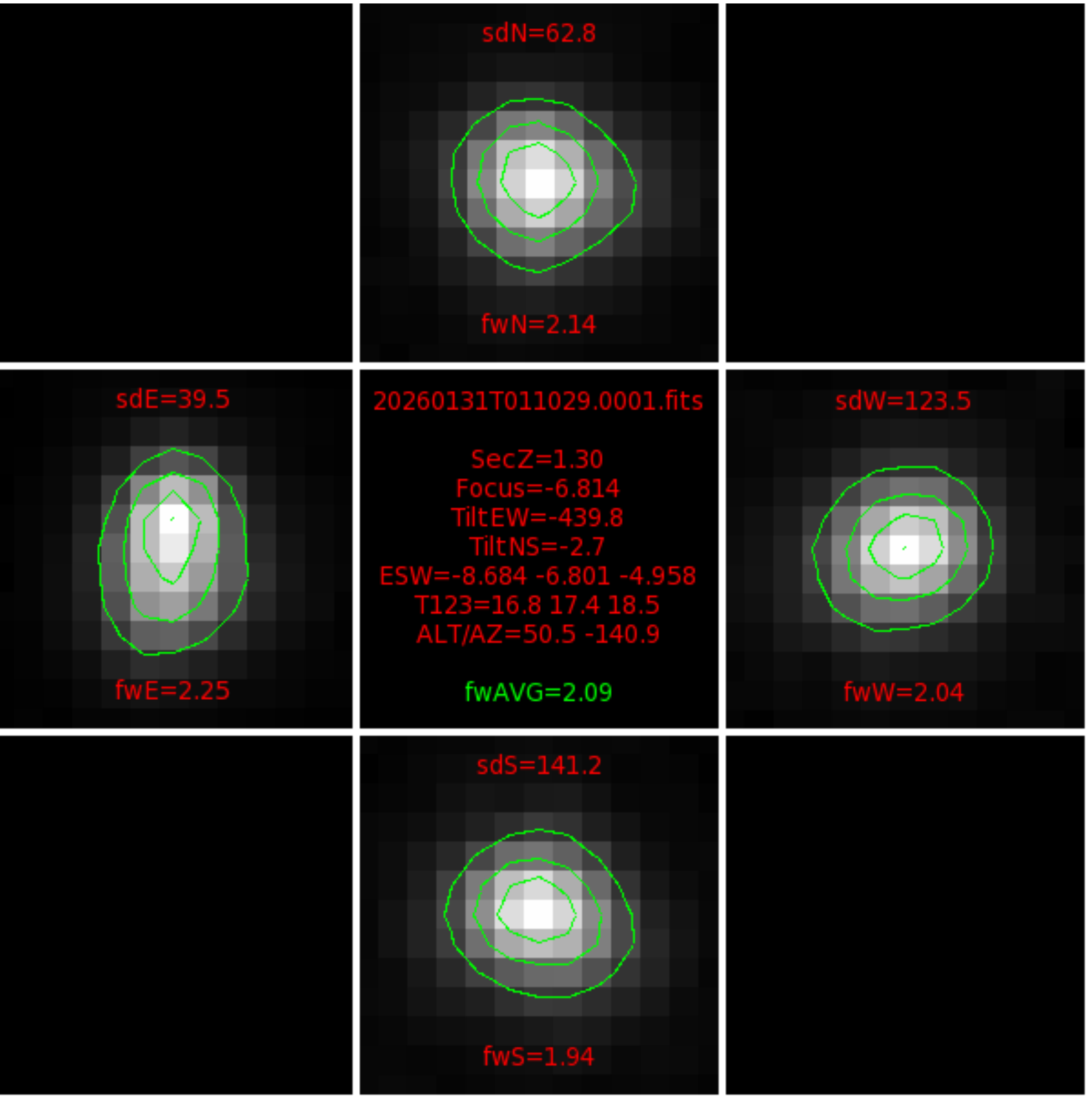

sdN=34.3
fwN=2.35
sdE=24.3
fwE=2.35
20260131T010818.0001.fits
SecZ=1.29
Focus=-6.821
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.691 -6.808 -4.965
T123=16.8 17.4 18.5
ALT/AZ=50.8 -141.7
fwAVG=2.21
sdW=65.7
fwW=2.11
sdS=79.8
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=62.8
fwN=2.14
sdE=39.5
fwE=2.25
20260131T011029.0001.fits
SecZ=1.30
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=16.8 17.4 18.5
ALT/AZ=50.5 -140.9
fwAVG=2.09
sdW=123.5
fwW=2.04
sdS=141.2
fwS=1.94
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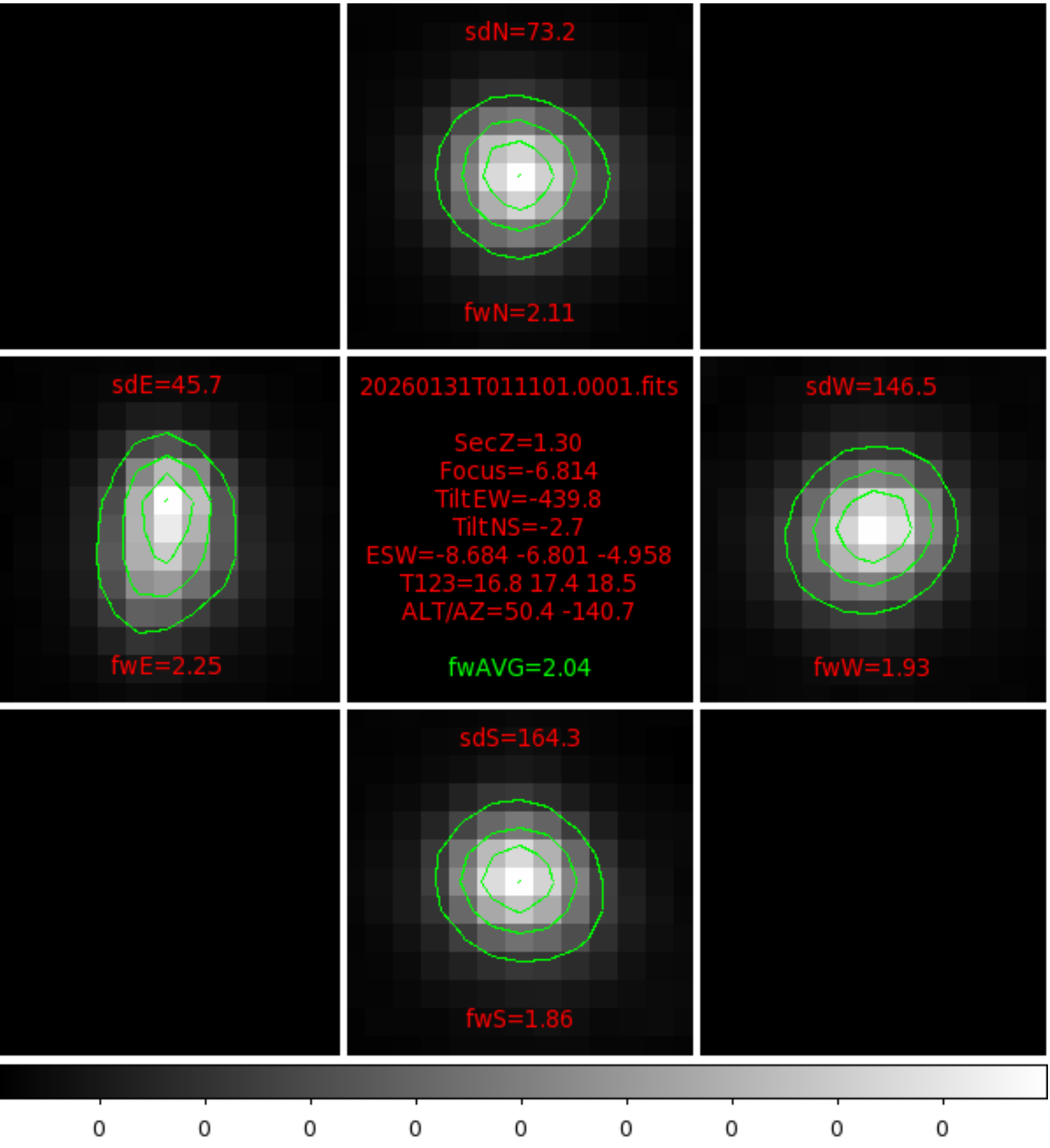
sdN=73.2
fwN=2.11
sdE=45.7
fwE=2.25
20260131T011101.0001.fits
SecZ=1.30
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=16.8 17.4 18.5
ALT/AZ=50.4 -140.7
fwAVG=2.04
sdW=146.5
fwW=1.93
sdS=164.3
fwS=1.86
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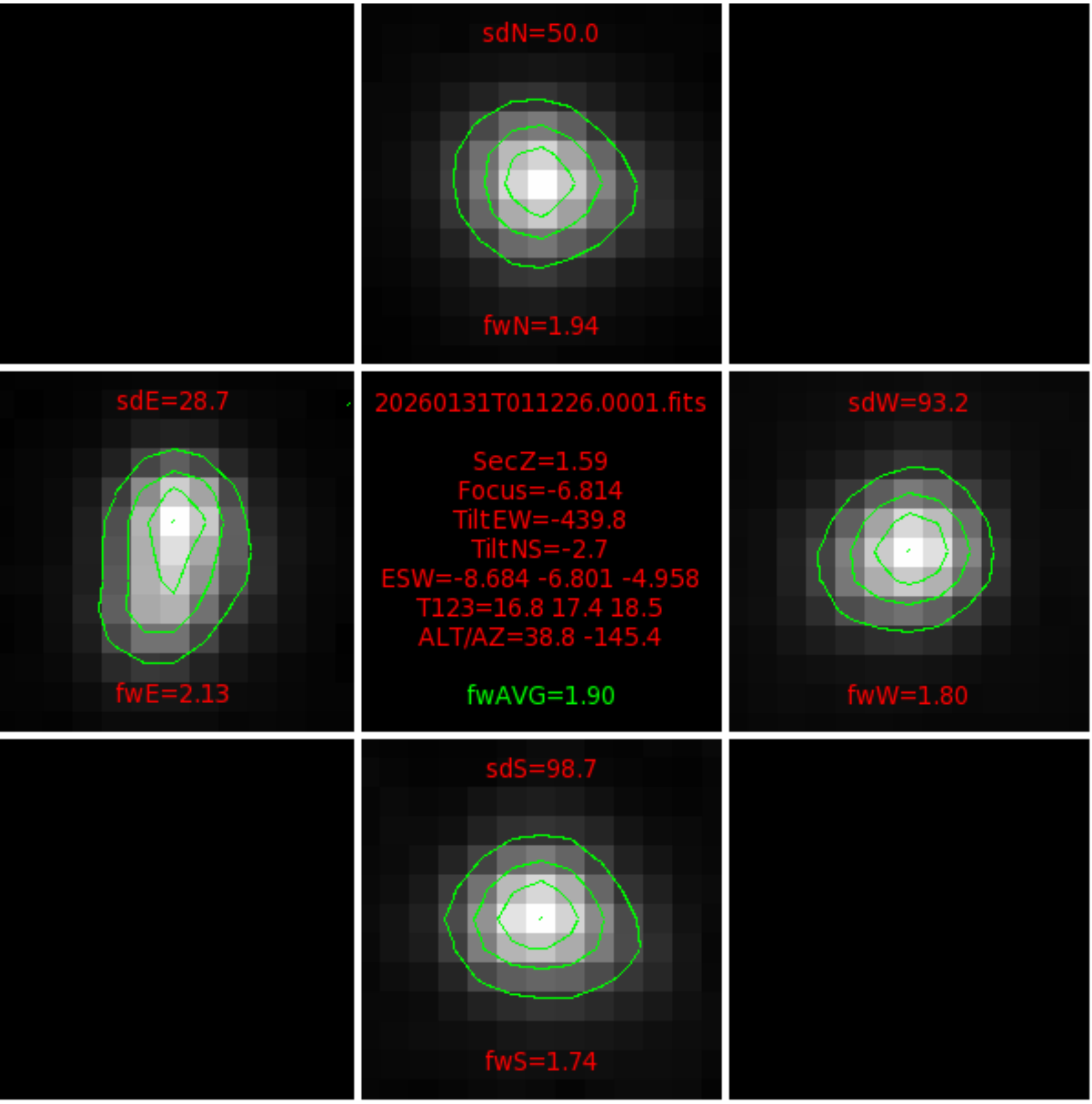
sdN=50.0
fwN=1.94
sdE=28.7
fwE=2.13
20260131T011226.0001.fits
SecZ=1.59
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=16.8 17.4 18.5
ALT/AZ=38.8 -145.4
fwAVG=1.90
sdW=93.2
fwW=1.80
sdS=98.7
fwS=1.74
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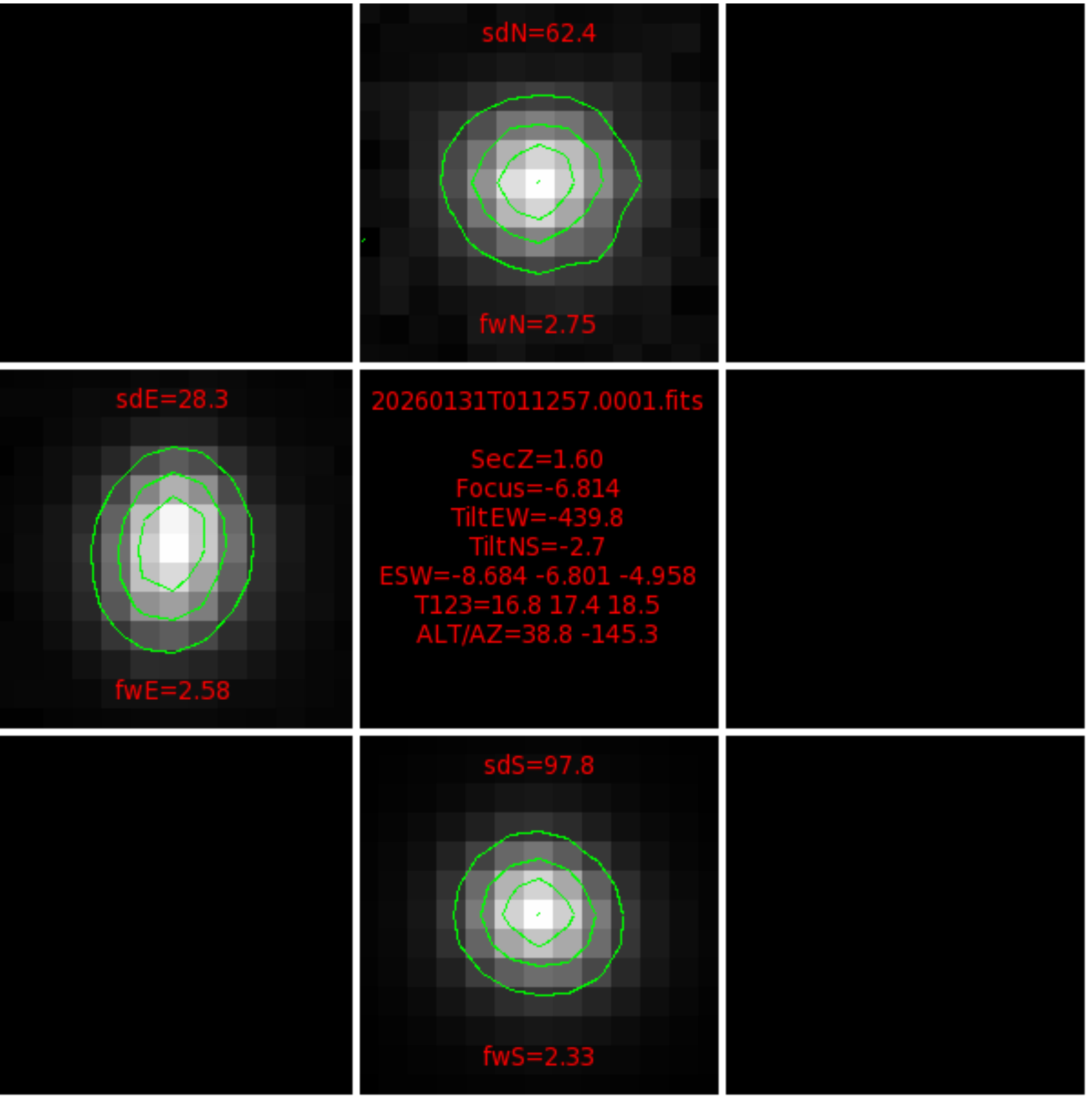
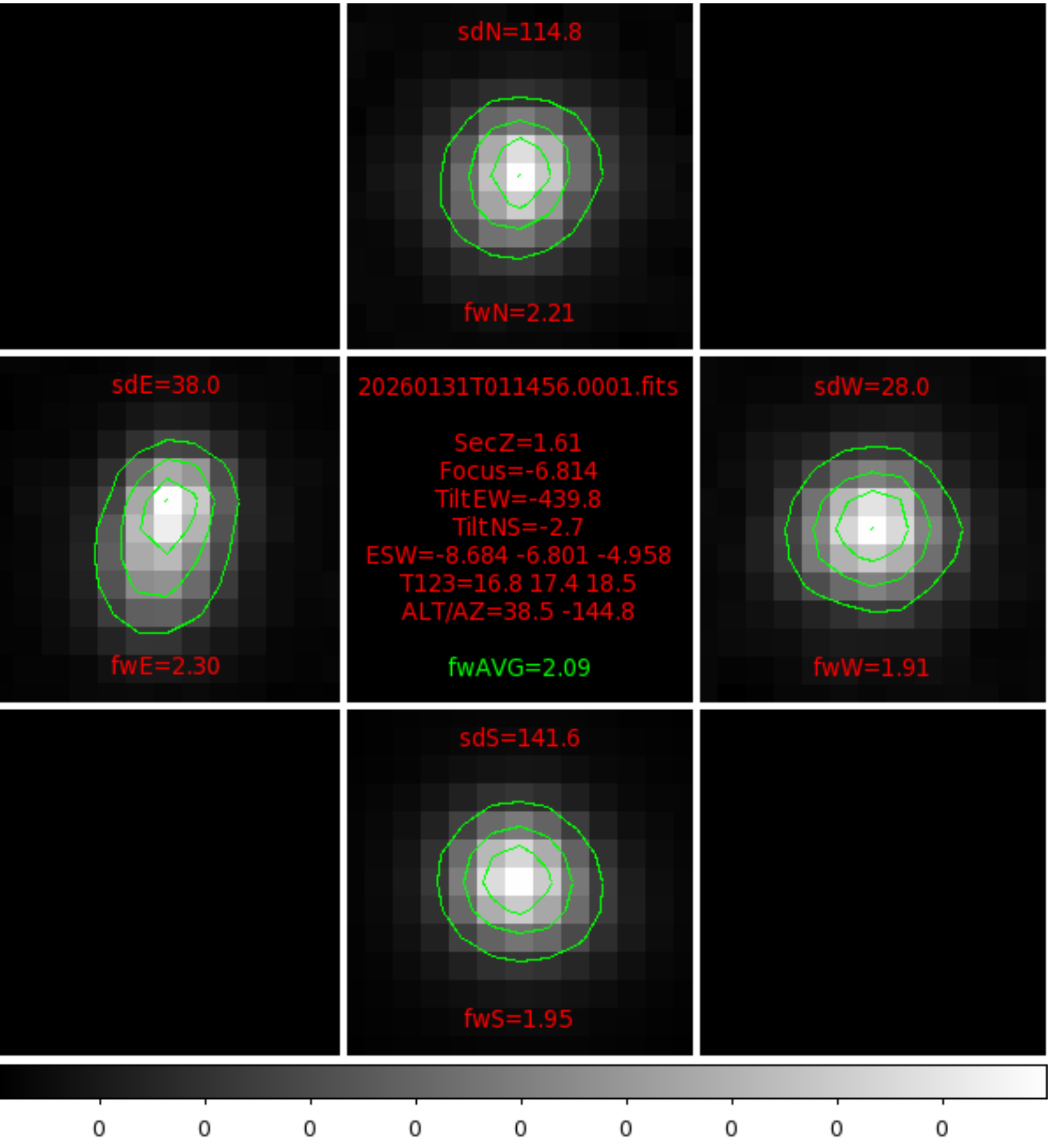

sdN=62.4
fwN=2.75
sdE=28.3
fwE=2.58
20260131T011257.0001.fits
SecZ=1.60
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=16.8 17.4 18.5
ALT/AZ=38.8 -145.3
sdS=97.8
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=114.8
fwN=2.21
sdE=38.0
fwE=2.30
20260131T011456.0001.fits
SecZ=1.61
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=16.8 17.4 18.5
ALT/AZ=38.5 -144.8
fwAVG=2.09
sdW=28.0
fwW=1.91
sdS=141.6
fwS=1.95
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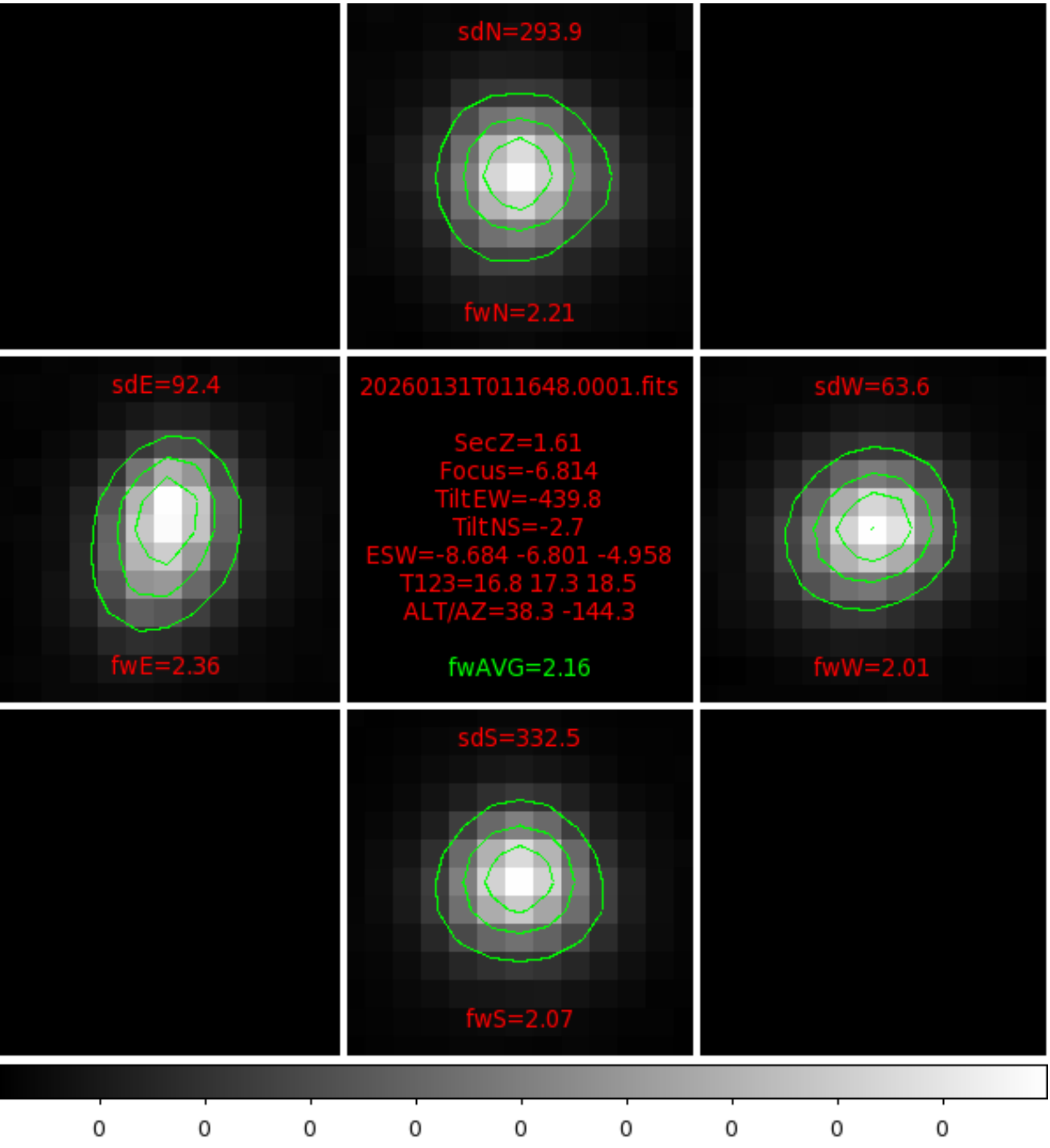
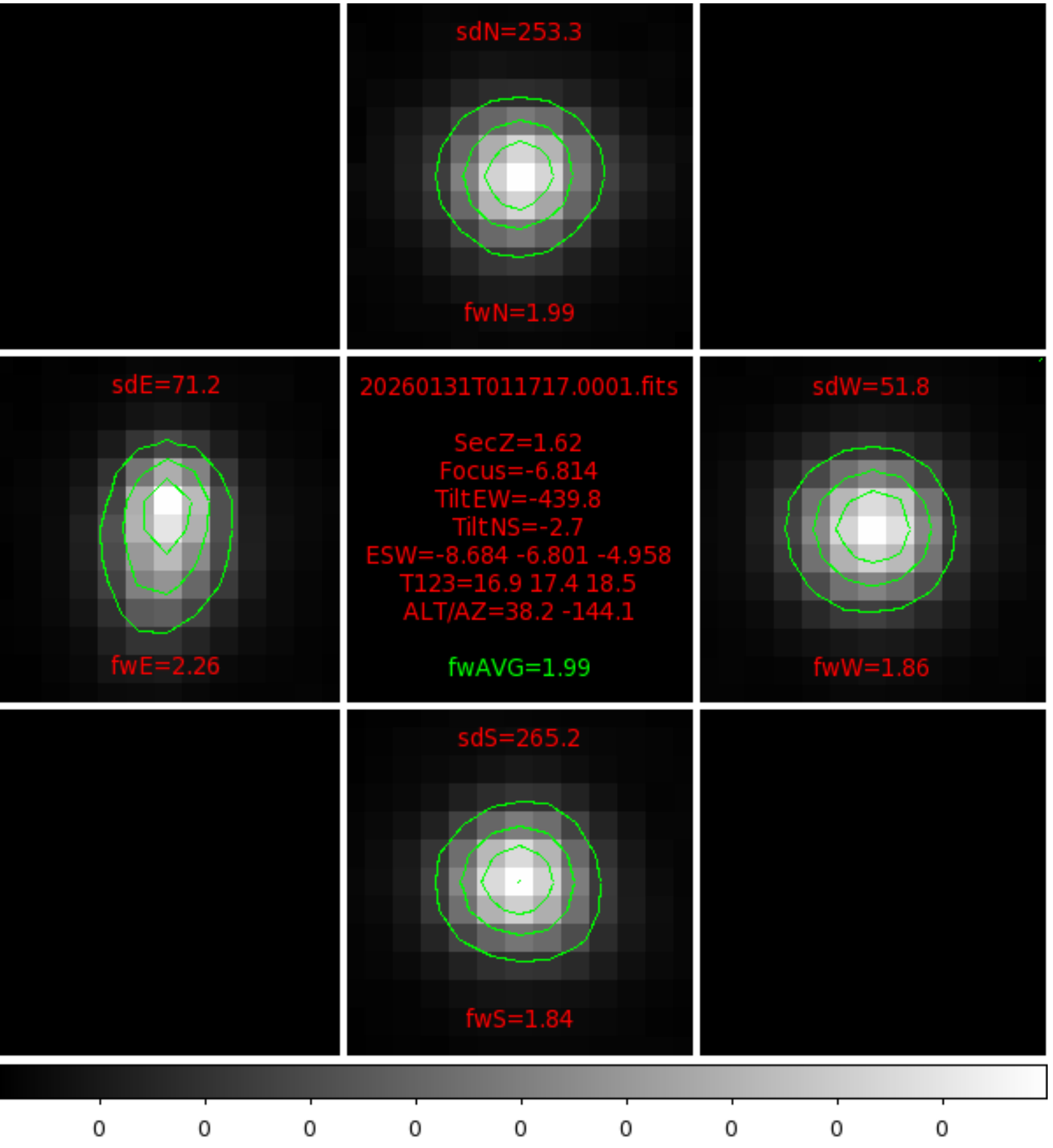

sdN=293.9
fwN=2.21
sdE=92.4
fwE=2.36
20260131T011648.0001.fits
SecZ=1.61
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=16.8 17.3 18.5
ALT/AZ=38.3 -144.3
fwAVG=2.16
sdW=63.6
fwW=2.01
sdS=332.5
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=253.3
fwN=1.99
sdE=71.2
fwE=2.26
20260131T011717.0001.fits
SecZ=1.62
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=16.9 17.4 18.5
ALT/AZ=38.2 -144.1
fwAVG=1.99
sdW=51.8
fwW=1.86
sdS=265.2
fwS=1.84
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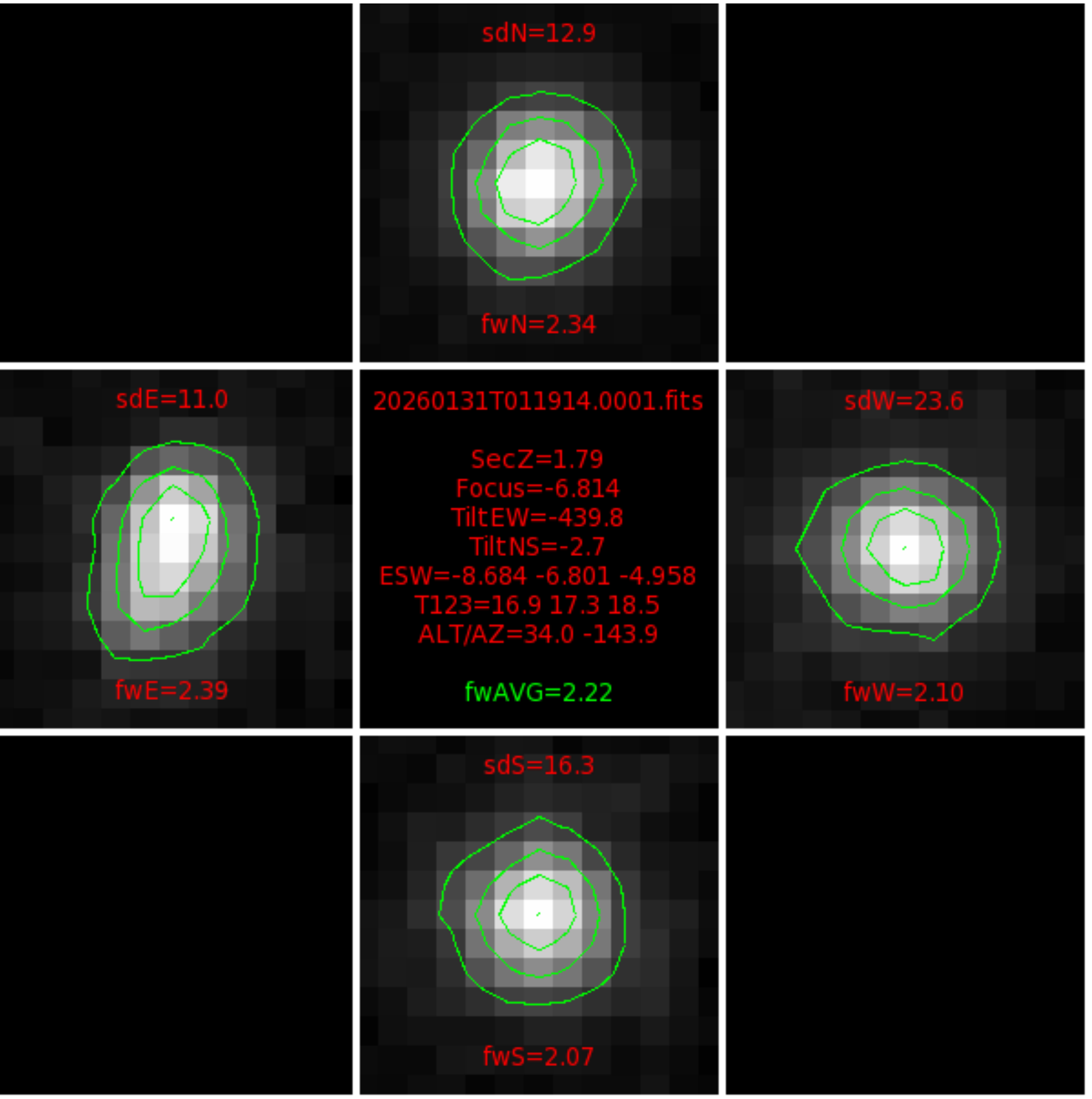
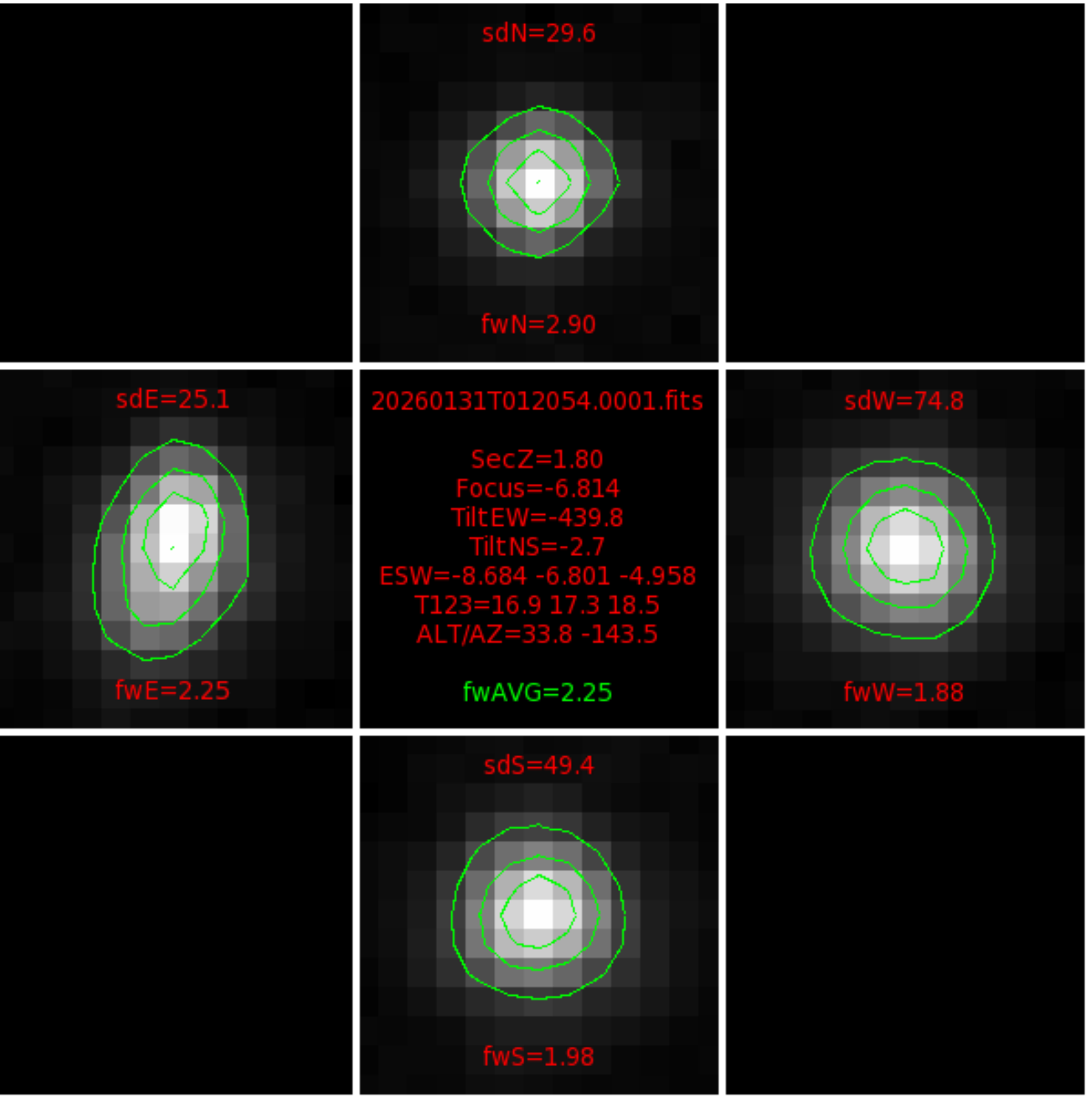
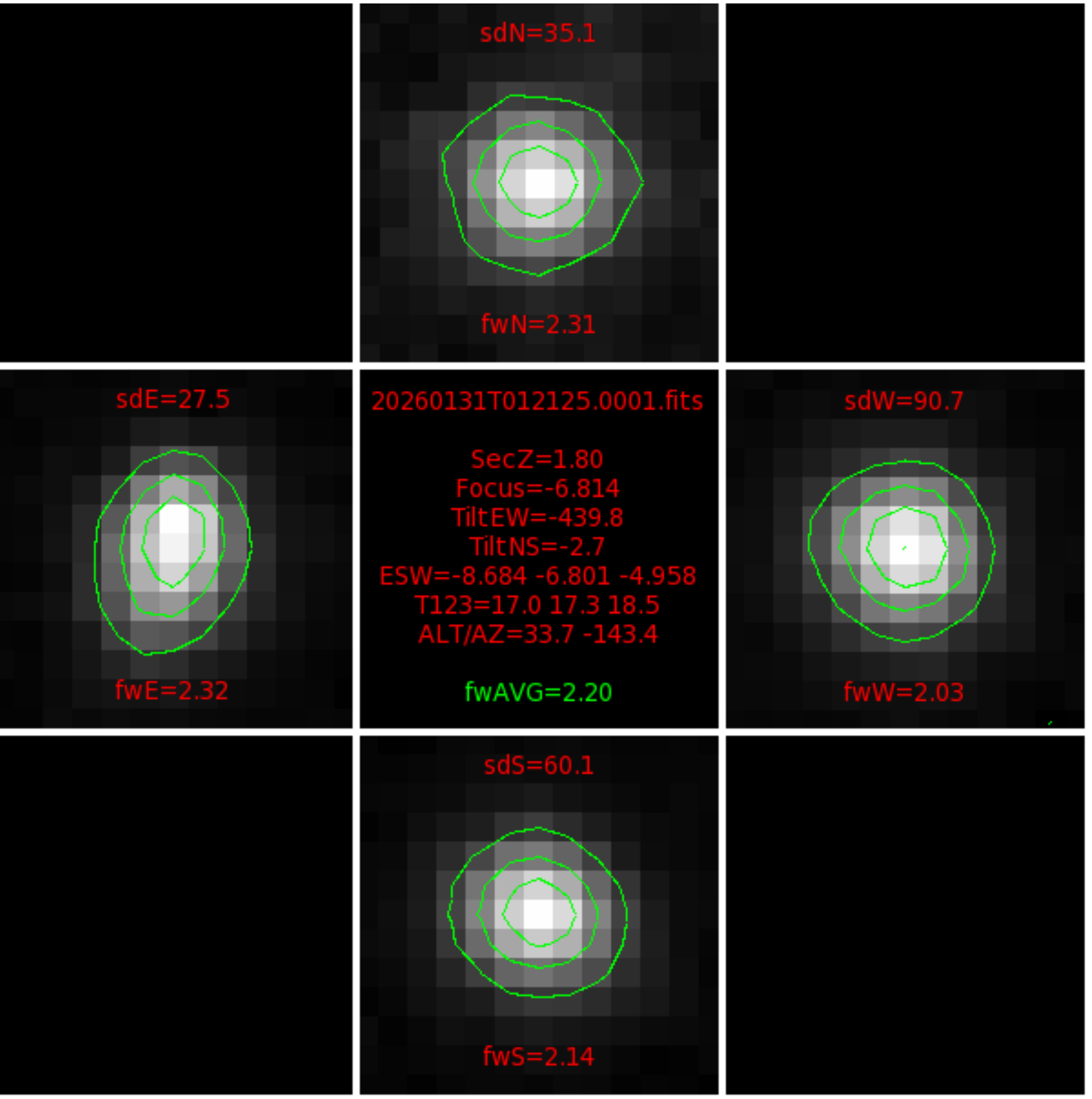
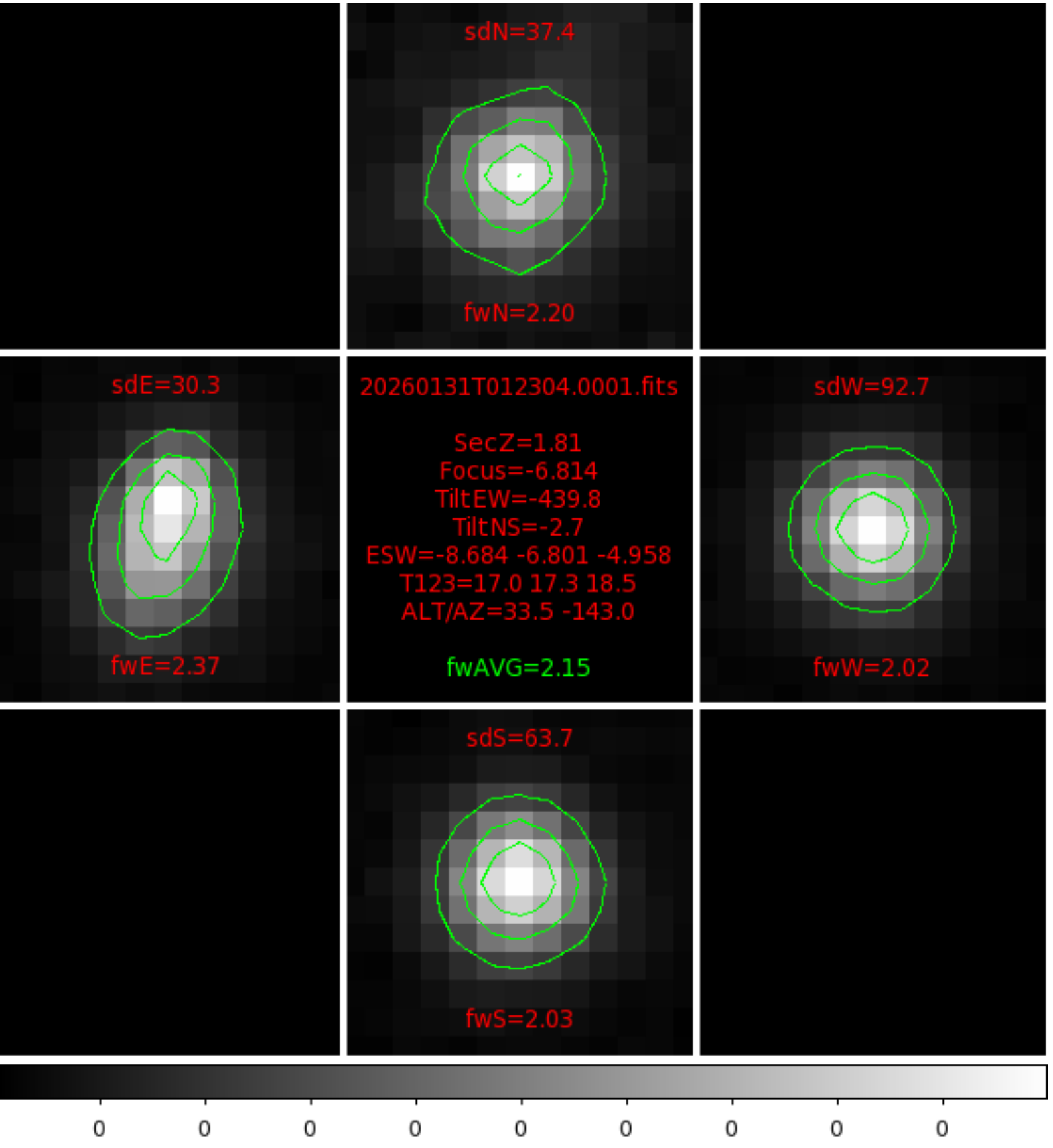
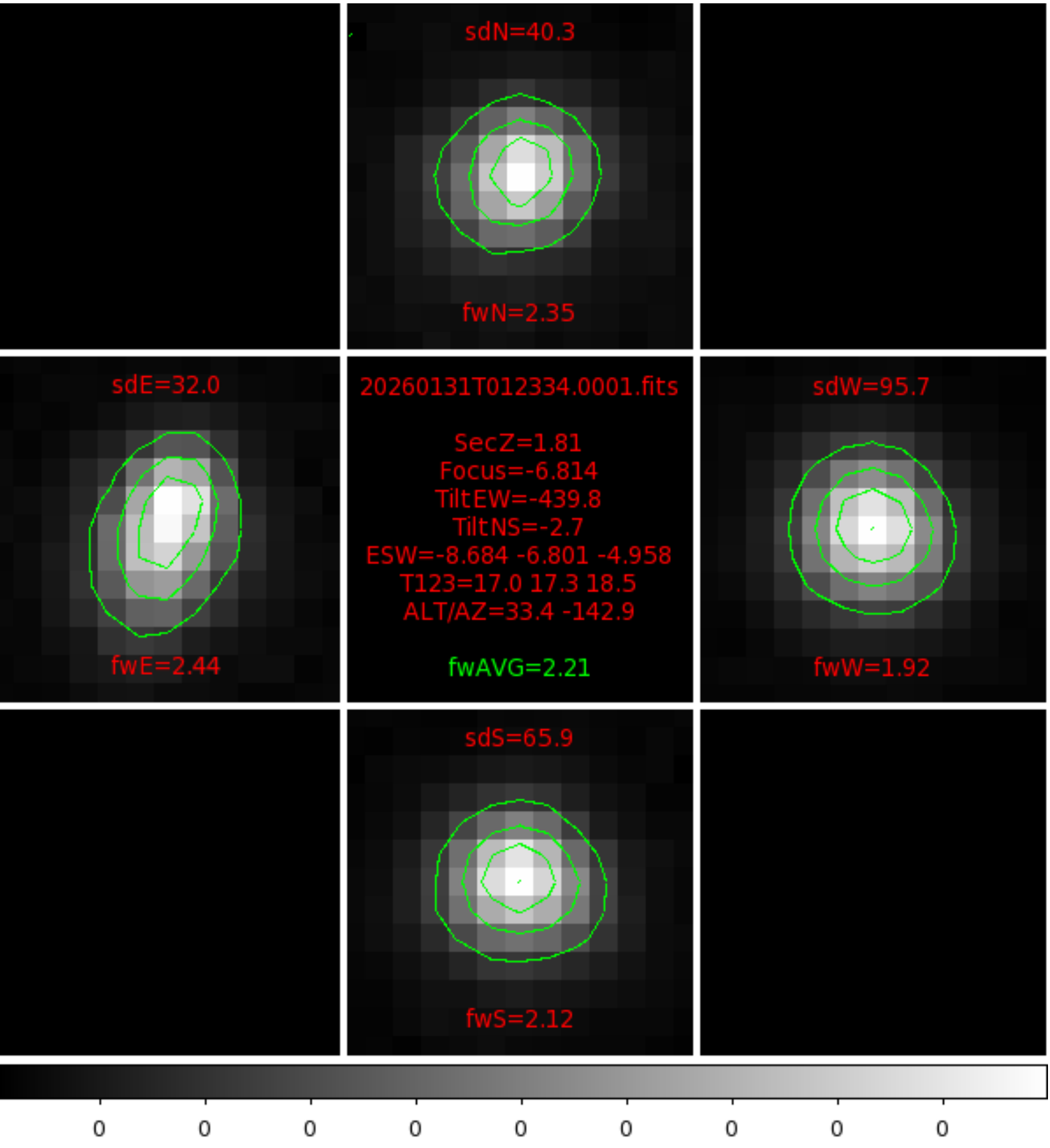
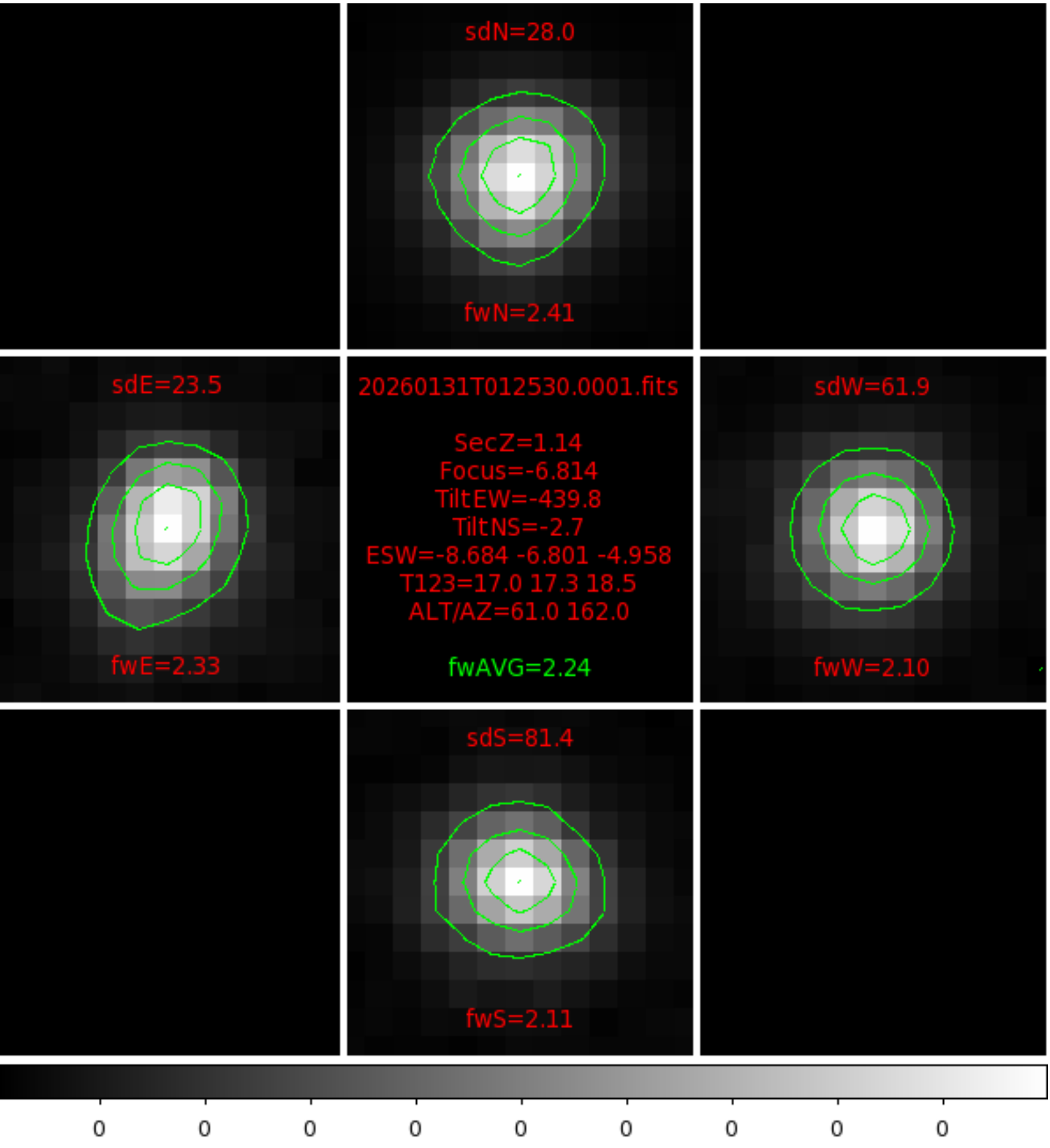

sdN=12.9
fwN=2.34
sdE=11.0
fwE=2.39
20260131T011914.0001.fits
SecZ=1.79
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=16.9 17.3 18.5
ALT/AZ=34.0 -143.9
fwAVG=2.22
sdW=23.6
fwW=2.10
sdS=16.3
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=29.6
fwN=2.90
sdE=25.1
fwE=2.25
20260131T012054.0001.fits
SecZ=1.80
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=16.9 17.3 18.5
ALT/AZ=33.8 -143.5
fwAVG=2.25
sdW=74.8
fwW=1.88
sdS=49.4
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=35.1
fwN=2.31
sdE=27.5
fwE=2.32
20260131T012125.0001.fits
SecZ=1.80
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=17.0 17.3 18.5
ALT/AZ=33.7 -143.4
fwAVG=2.20
sdW=90.7
fwW=2.03
sdS=60.1
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=37.4
fwN=2.20
sdE=30.3
fwE=2.37
20260131T012304.0001.fits
SecZ=1.81
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=17.0 17.3 18.5
ALT/AZ=33.5 -143.0
fwAVG=2.15
sdW=92.7
fwW=2.02
sdS=63.7
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=40.3
fwN=2.35
sdE=32.0
fwE=2.44
20260131T012334.0001.fits
SecZ=1.81
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=17.0 17.3 18.5
ALT/AZ=33.4 -142.9
fwAVG=2.21
sdW=95.7
fwW=1.92
sdS=65.9
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=28.0
fwN=2.41
sdE=23.5
fwE=2.33
20260131T012530.0001.fits
SecZ=1.14
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=17.0 17.3 18.5
ALT/AZ=61.0 162.0
fwAVG=2.24
sdW=61.9
fwW=2.10
sdS=81.4
fwS=2.11
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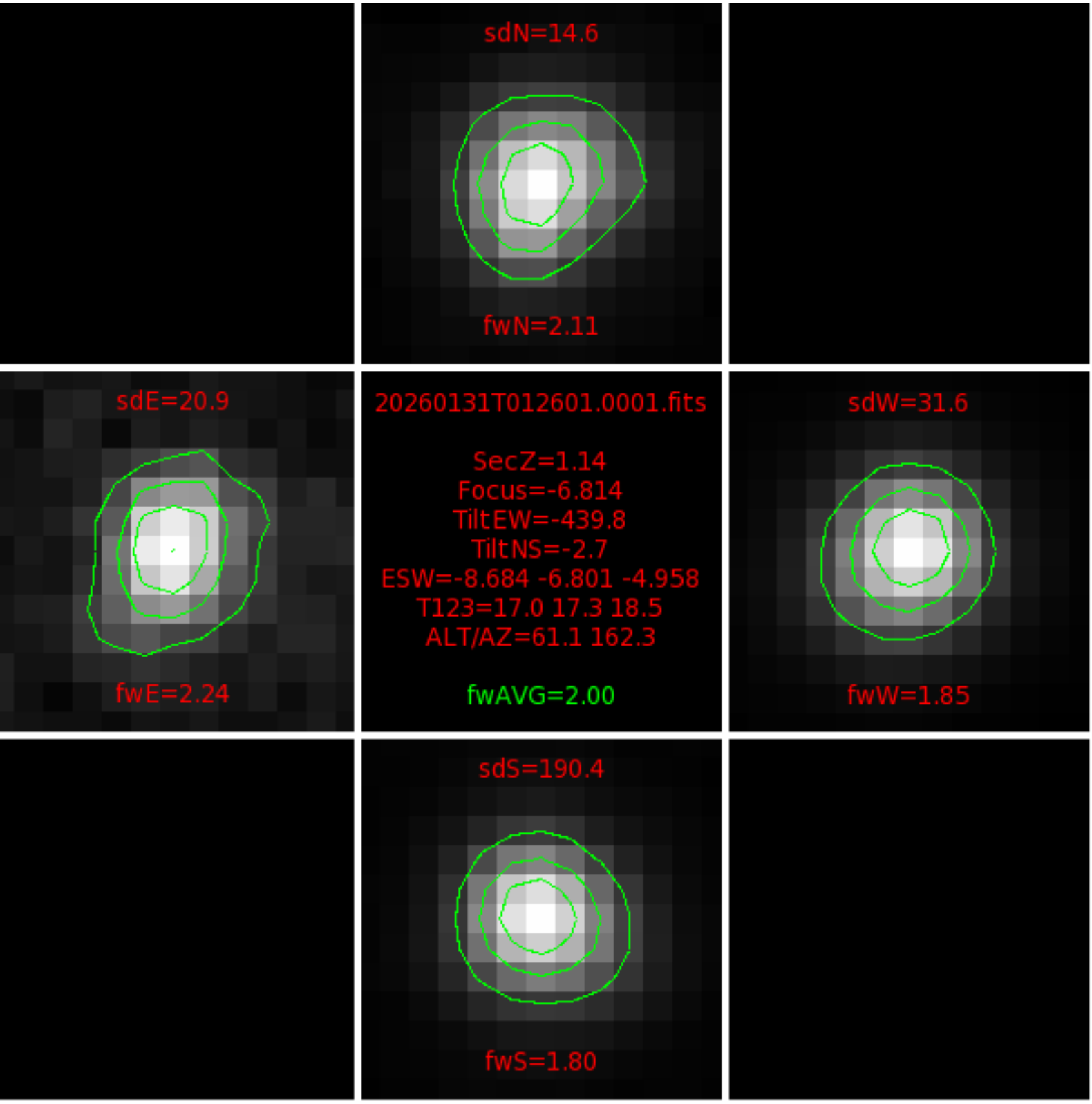
sdN=14.6
fwN=2.11
sdE=20.9
fwE=2.24
20260131T012601.0001.fits
SecZ=1.14
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=17.0 17.3 18.5
ALT/AZ=61.1 162.3
fwAVG=2.00
sdW=31.6
fwW=1.85
sdS=190.4
fwS=1.80
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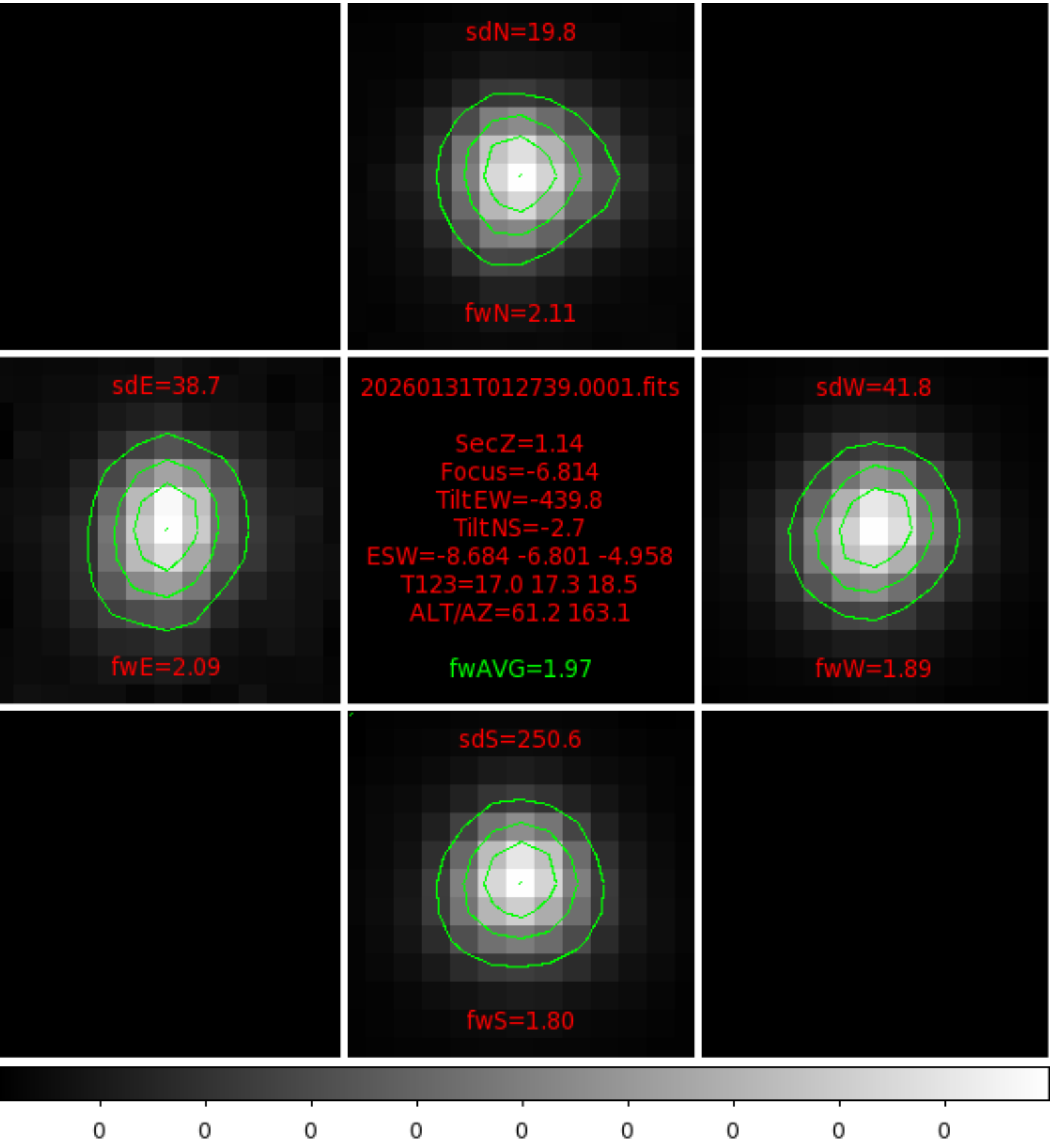
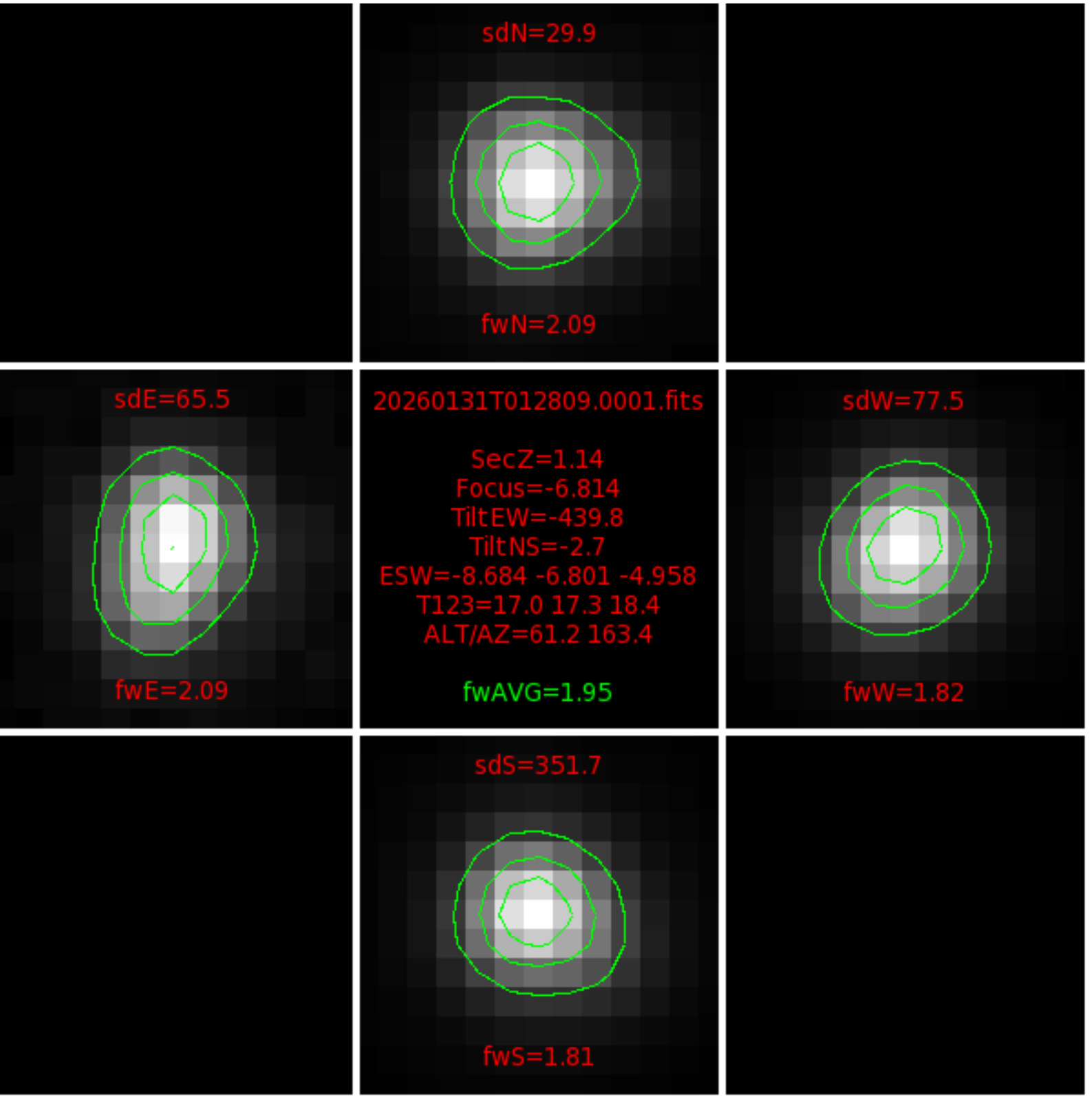
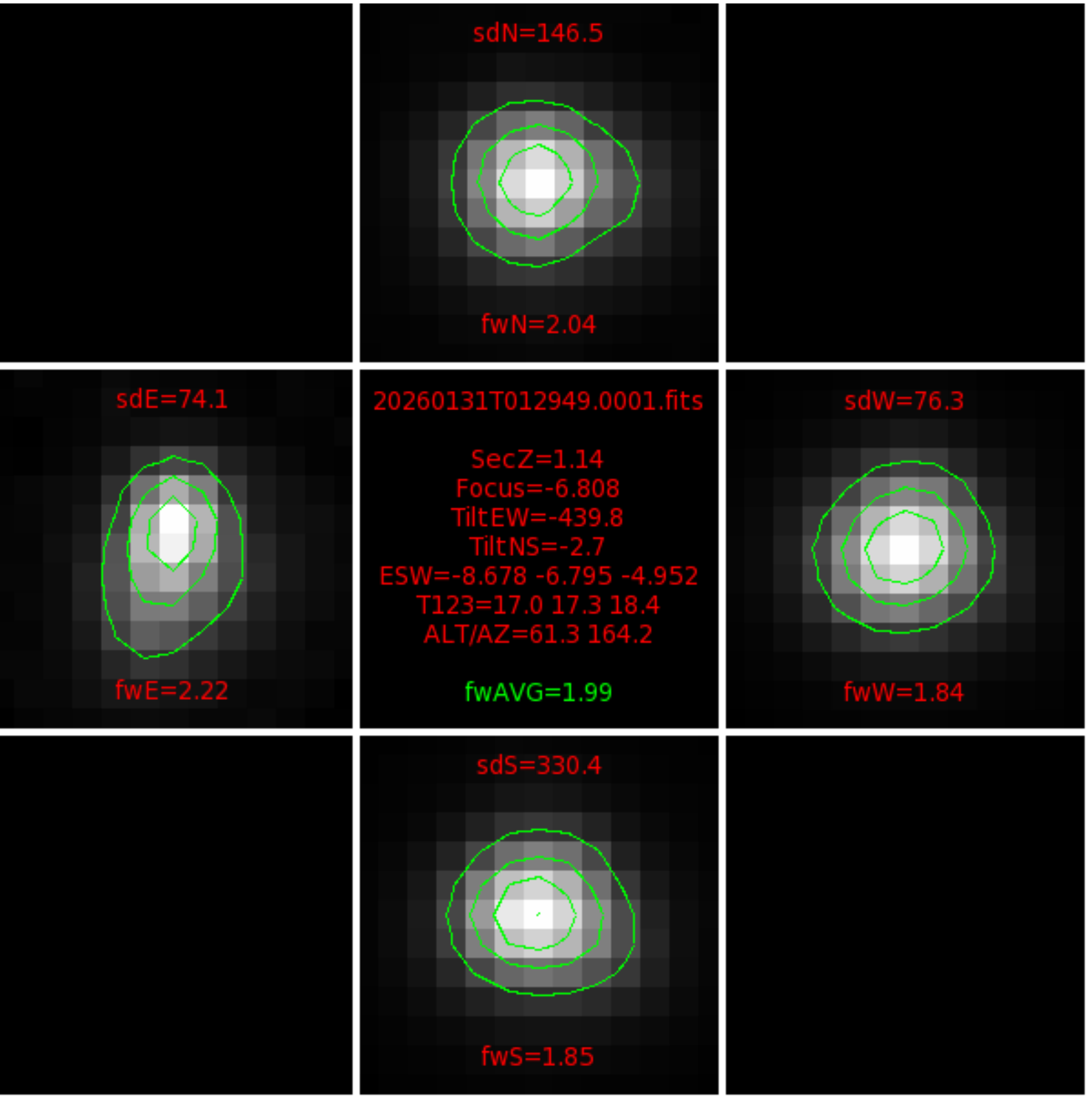

sdN=19.8
fwN=2.11
sdE=38.7
fwE=2.09
20260131T012739.0001.fits
SecZ=1.14
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=17.0 17.3 18.5
ALT/AZ=61.2 163.1
fwAVG=1.97
sdW=41.8
fwW=1.89
sdS=250.6
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=29.9
fwN=2.09
sdE=65.5
fwE=2.09
20260131T012809.0001.fits
SecZ=1.14
Focus=-6.814
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.684 -6.801 -4.958
T123=17.0 17.3 18.4
ALT/AZ=61.2 163.4
fwAVG=1.95
sdW=77.5
fwW=1.82
sdS=351.7
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=146.5
fwN=2.04
sdE=74.1
fwE=2.22
20260131T012949.0001.fits
SecZ=1.14
Focus=-6.808
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.678 -6.795 -4.952
T123=17.0 17.3 18.4
ALT/AZ=61.3 164.2
fwAVG=1.99
sdW=76.3
fwW=1.84
sdS=330.4
fwS=1.85
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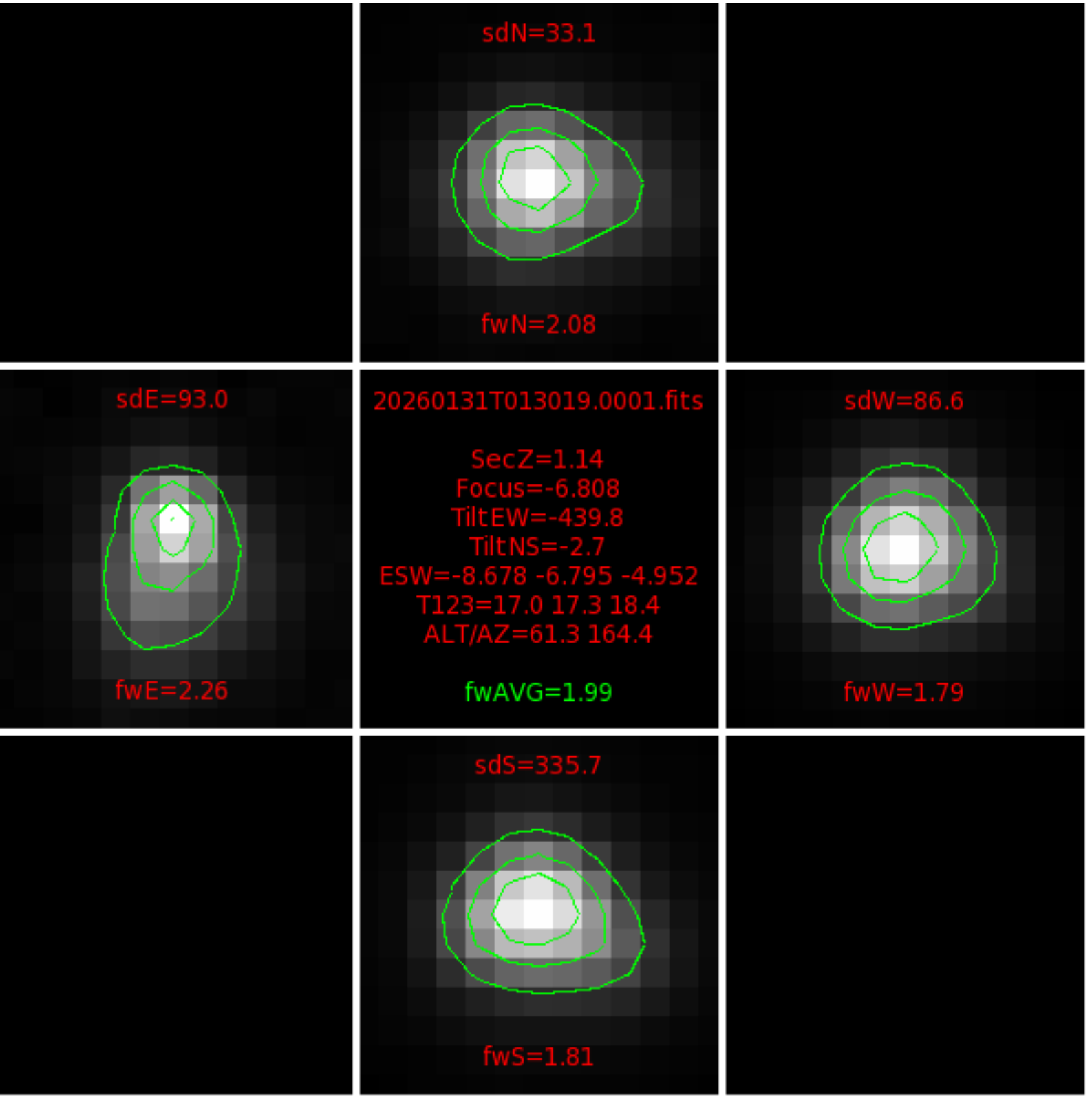
sdN=33.1
fwN=2.08
sdE=93.0
fwE=2.26
20260131T013019.0001.fits
SecZ=1.14
Focus=-6.808
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.678 -6.795 -4.952
T123=17.0 17.3 18.4
ALT/AZ=61.3 164.4
fwAVG=1.99
sdW=86.6
fwW=1.79
sdS=335.7
fwS=1.81
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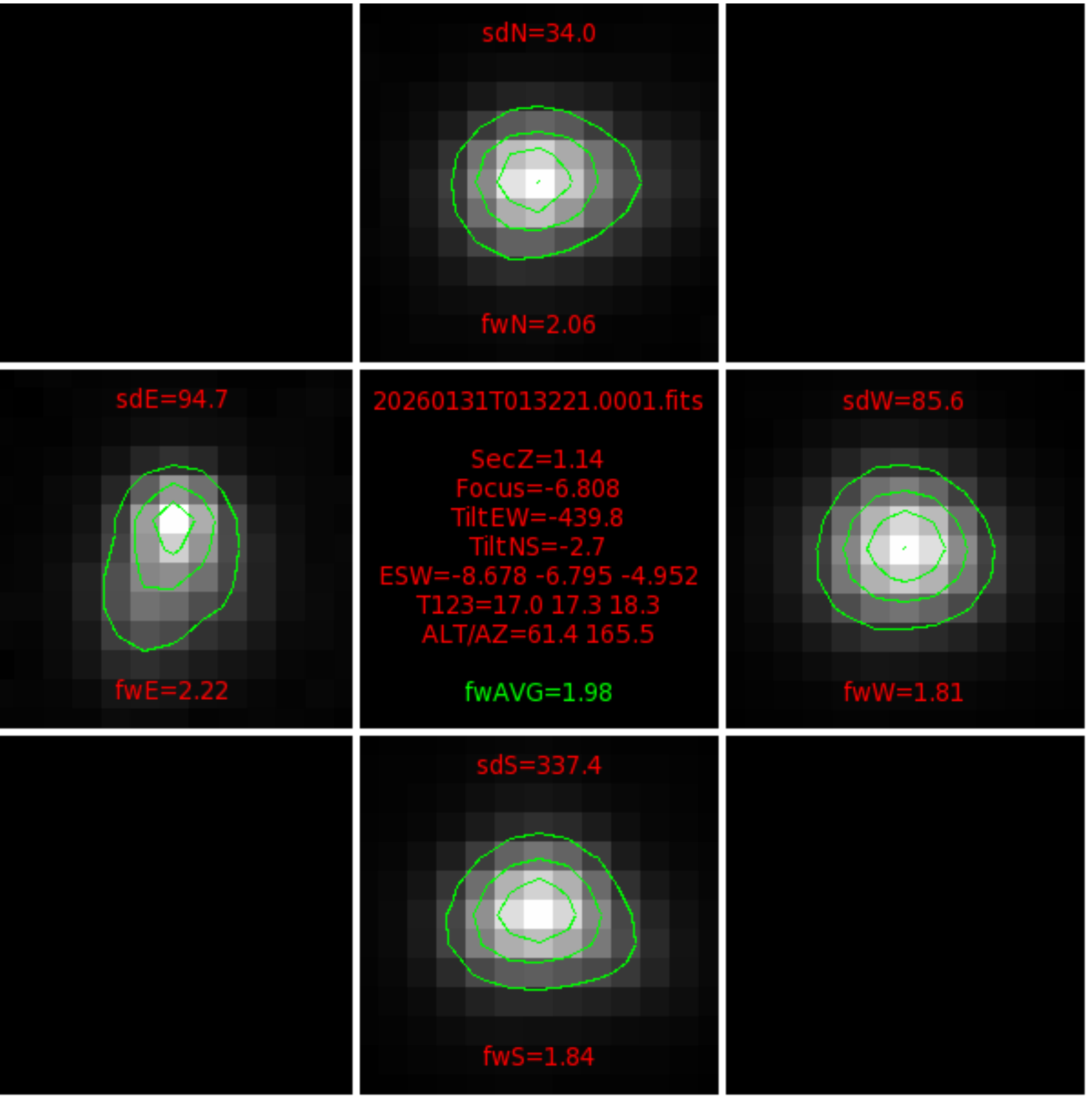
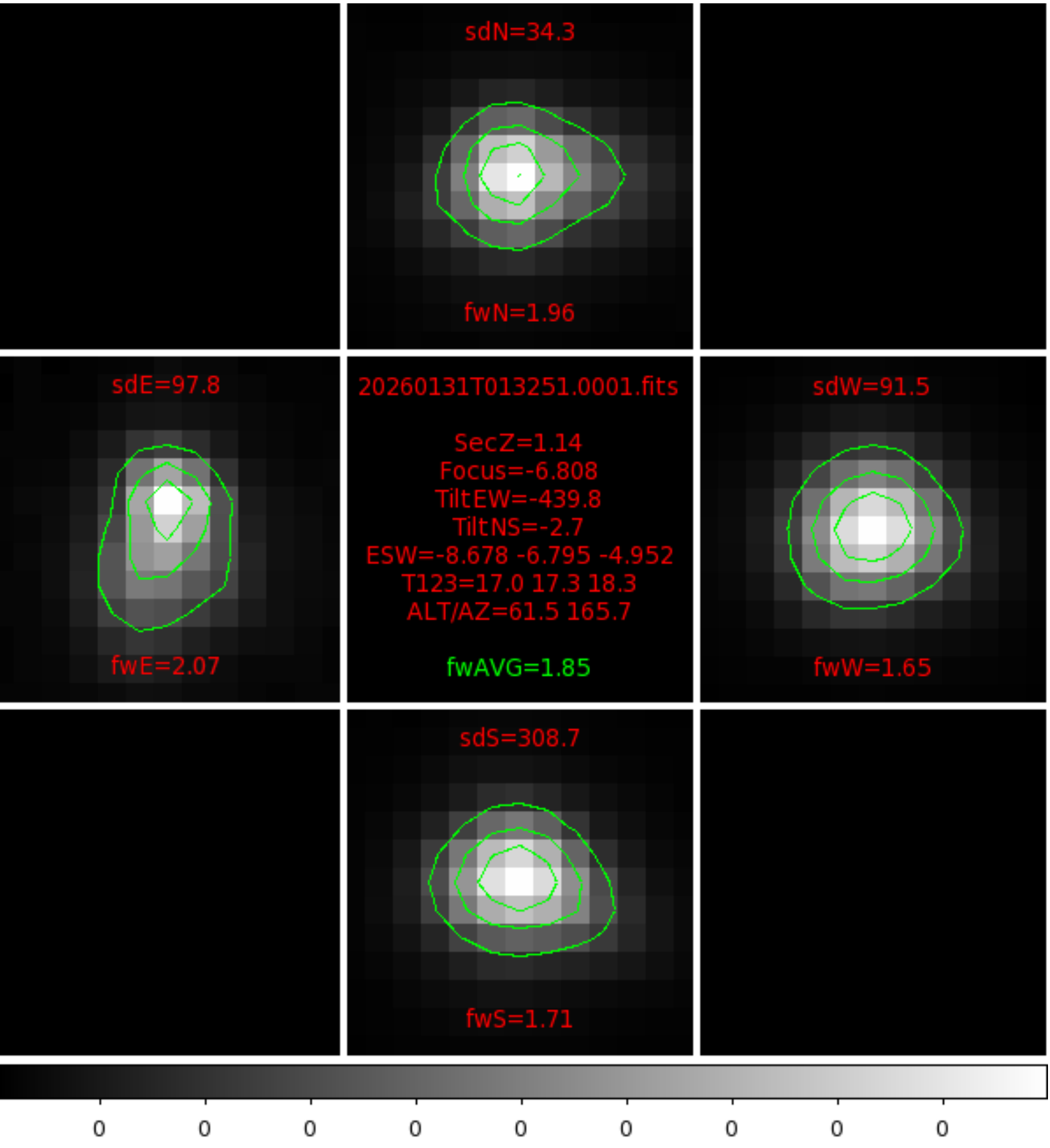
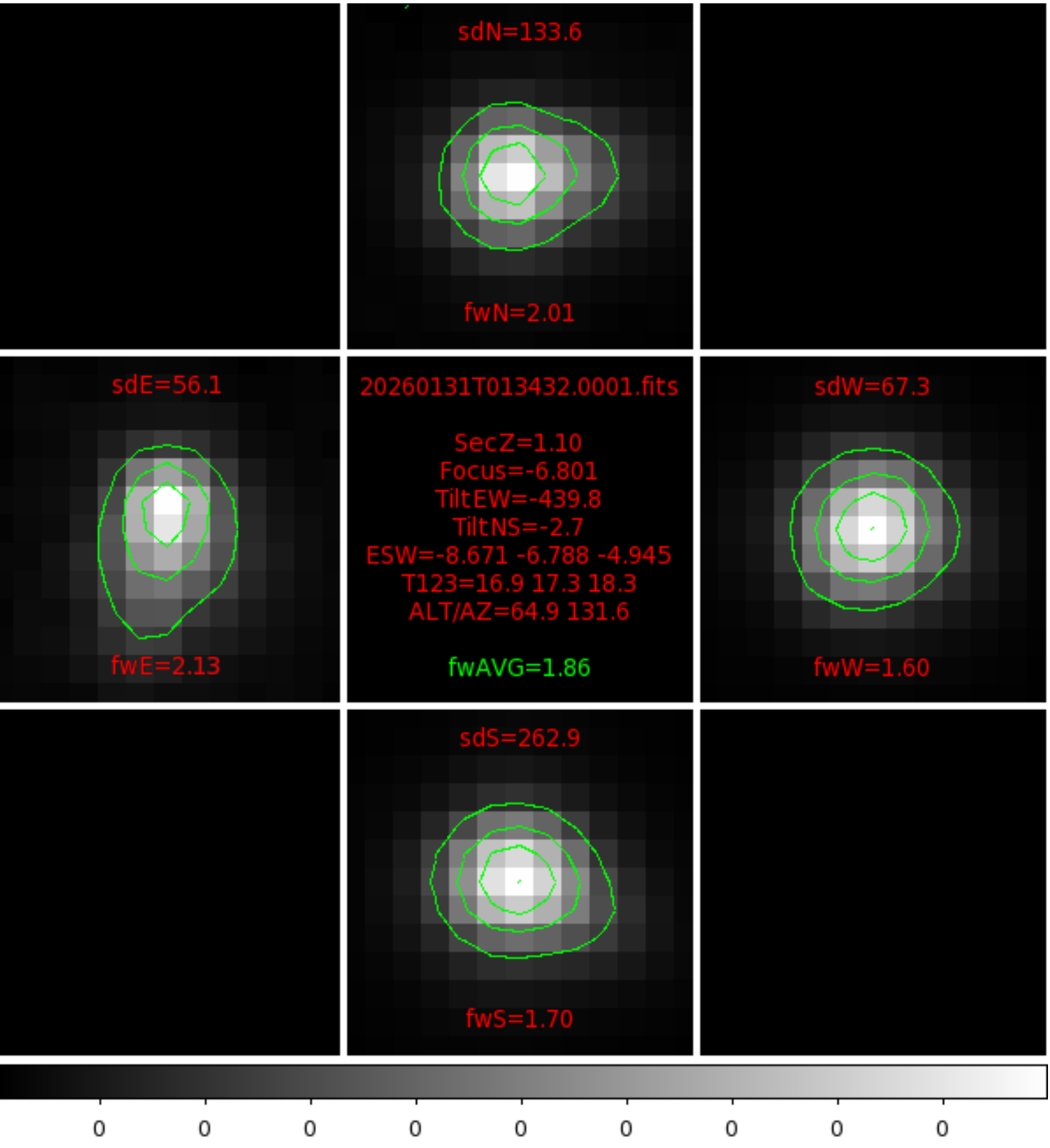

sdN=34.0
fwN=2.06
sdE=94.7
fwE=2.22
20260131T013221.0001.fits
SecZ=1.14
Focus=-6.808
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.678 -6.795 -4.952
T123=17.0 17.3 18.3
ALT/AZ=61.4 165.5
fwAVG=1.98
sdW=85.6
fwW=1.81
sdS=337.4
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=34.3
fwN=1.96
sdE=97.8
fwE=2.07
20260131T013251.0001.fits
SecZ=1.14
Focus=-6.808
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.678 -6.795 -4.952
T123=17.0 17.3 18.3
ALT/AZ=61.5 165.7
fwAVG=1.85
sdW=91.5
fwW=1.65
sdS=308.7
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=133.6
fwN=2.01
sdE=56.1
fwE=2.13
20260131T013432.0001.fits
SecZ=1.10
Focus=-6.801
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.671 -6.788 -4.945
T123=16.9 17.3 18.3
ALT/AZ=64.9 131.6
fwAVG=1.86
sdW=67.3
fwW=1.60
sdS=262.9
fwS=1.70
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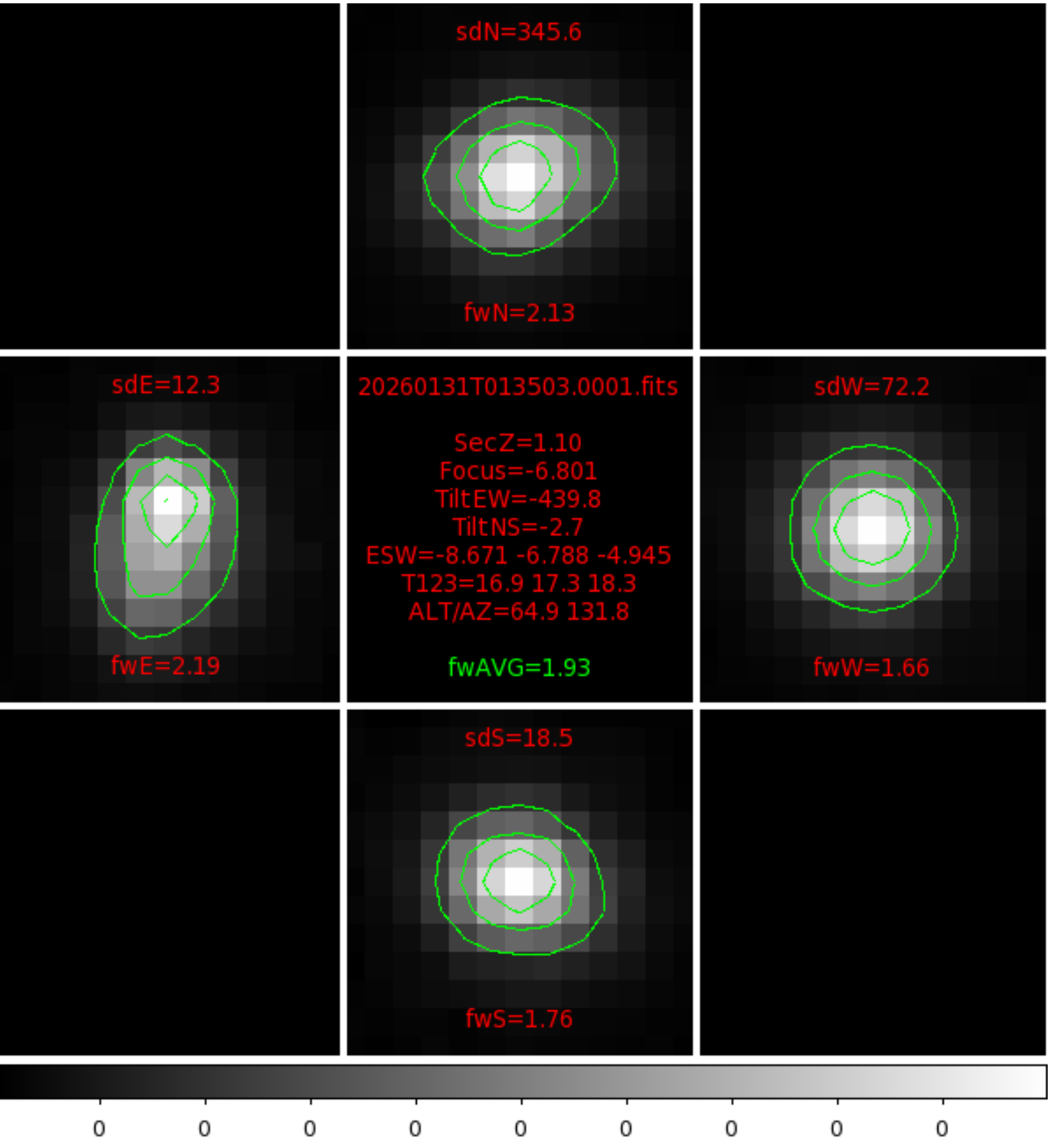
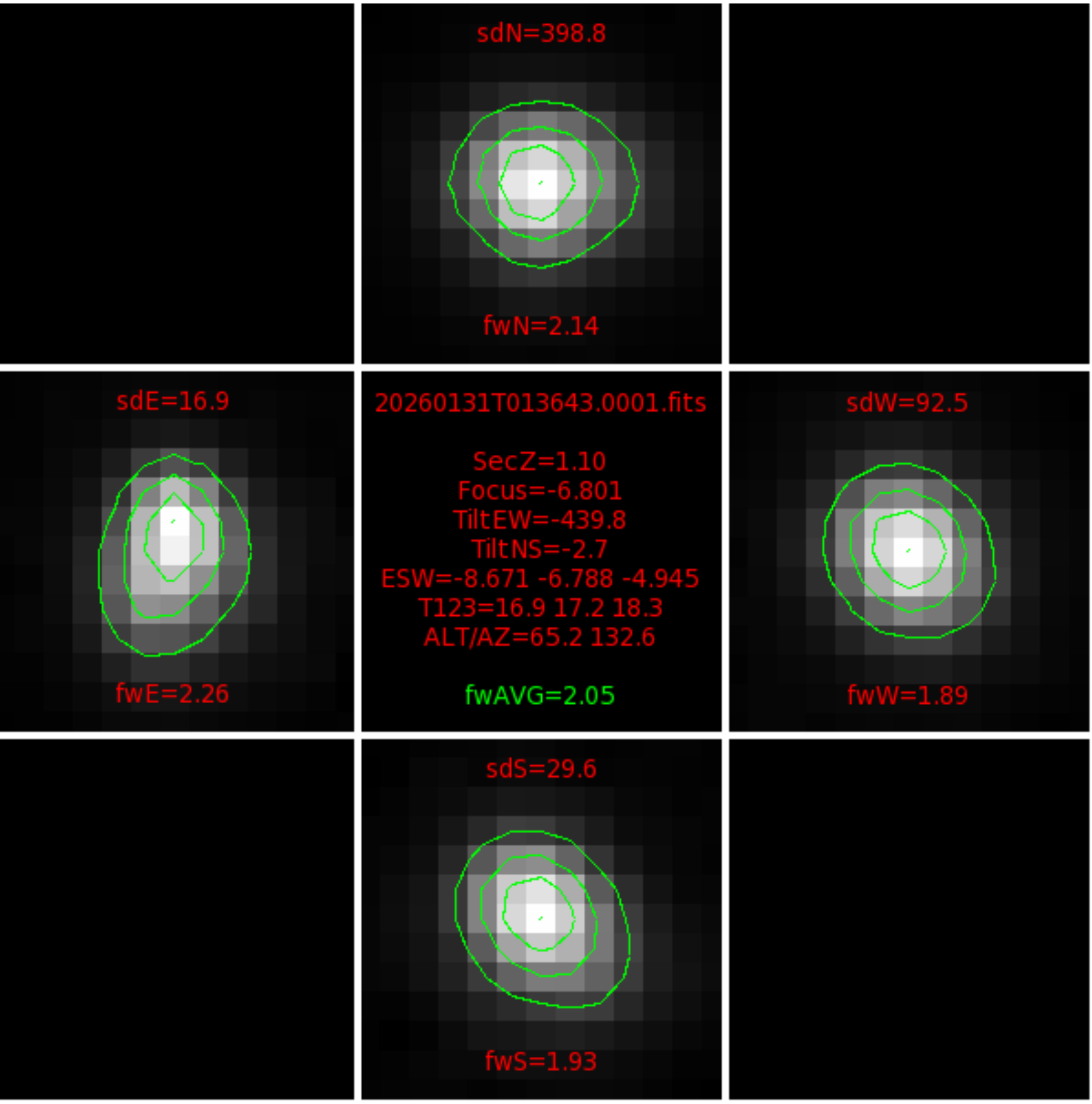
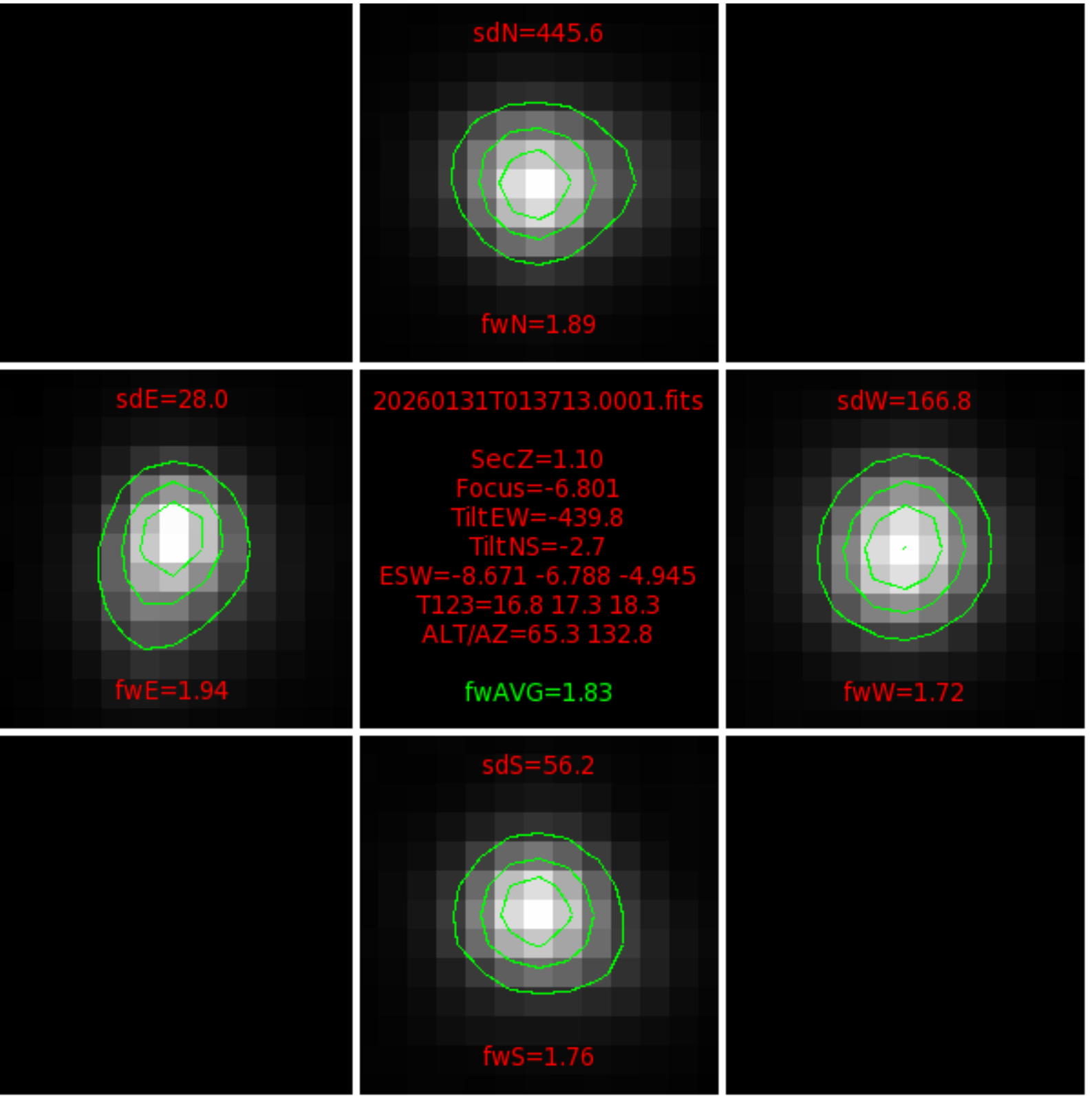

sdN=345.6
fwN=2.13
sdE=12.3
fwE=2.19
20260131T013503.0001.fits
SecZ=1.10
Focus=-6.801
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.671 -6.788 -4.945
T123=16.9 17.3 18.3
ALT/AZ=64.9 131.8
fwAVG=1.93
sdW=72.2
fwW=1.66
sdS=18.5
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=398.8
fwN=2.14
sdE=16.9
fwE=2.26
20260131T013643.0001.fits
SecZ=1.10
Focus=-6.801
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.671 -6.788 -4.945
T123=16.9 17.2 18.3
ALT/AZ=65.2 132.6
fwAVG=2.05
sdW=92.5
fwW=1.89
sdS=29.6
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=445.6
fwN=1.89
sdE=28.0
fwE=1.94
20260131T013713.0001.fits
SecZ=1.10
Focus=-6.801
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.671 -6.788 -4.945
T123=16.8 17.3 18.3
ALT/AZ=65.3 132.8
fwAVG=1.83
sdW=166.8
fwW=1.72
sdS=56.2
fwS=1.76
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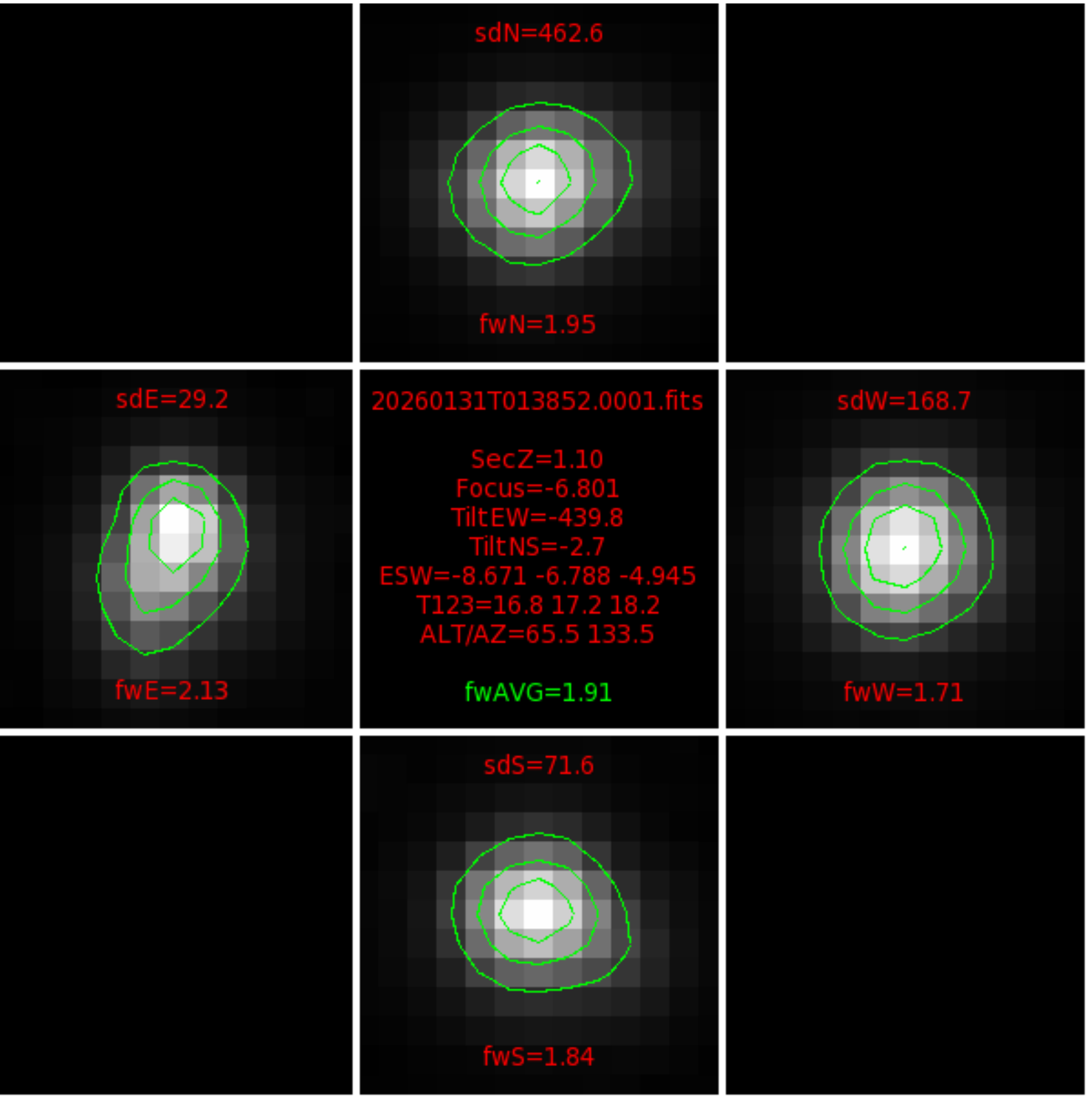
sdN=462.6
fwN=1.95
sdE=29.2
fwE=2.13
20260131T013852.0001.fits
SecZ=1.10
Focus=-6.801
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.671 -6.788 -4.945
T123=16.8 17.2 18.2
ALT/AZ=65.5 133.5
fwAVG=1.91
sdW=168.7
fwW=1.71
sdS=71.6
fwS=1.84
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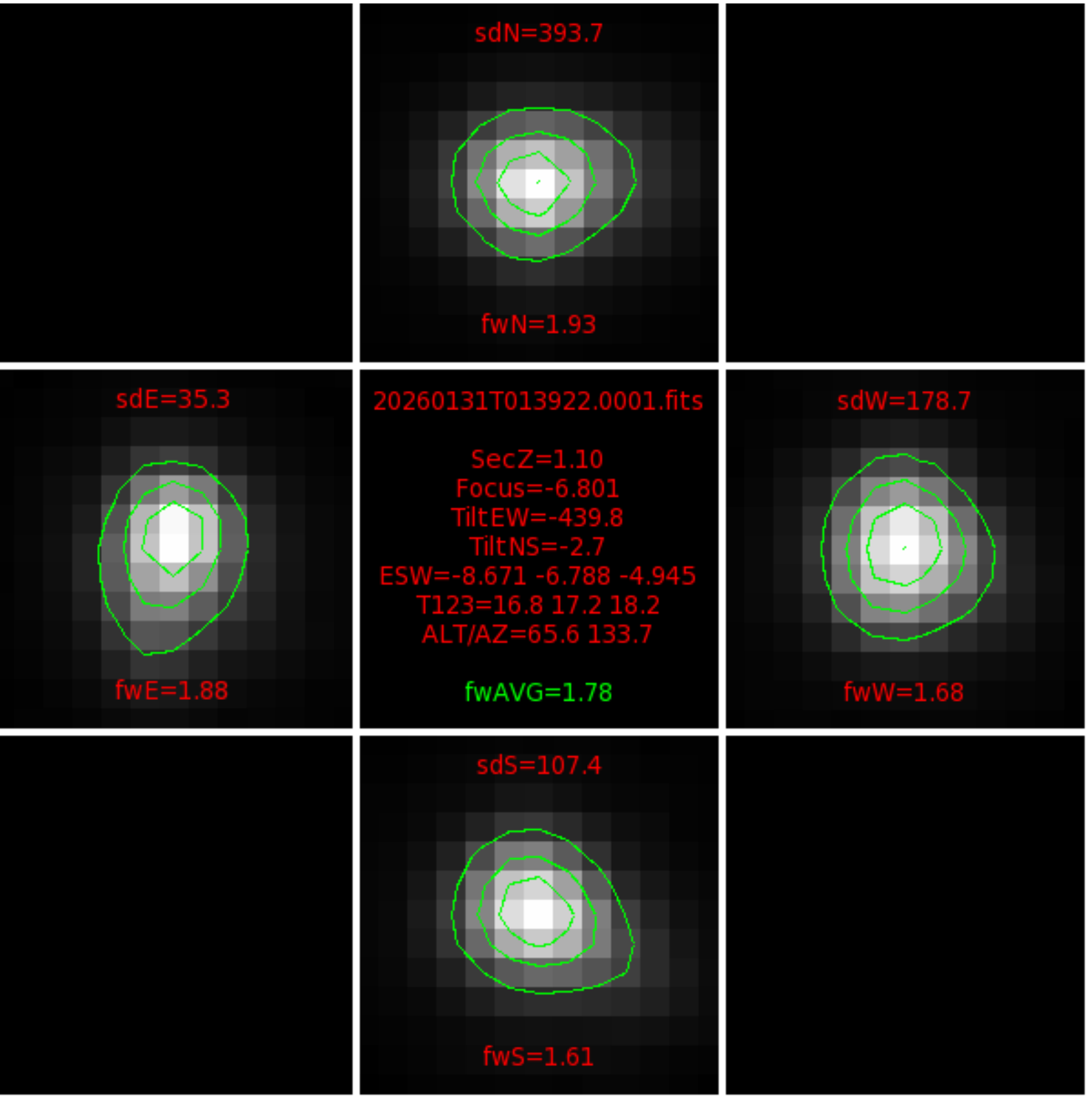
sdN=393.7
fwN=1.93
sdE=35.3
fwE=1.88
20260131T013922.0001.fits
SecZ=1.10
Focus=-6.801
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.671 -6.788 -4.945
T123=16.8 17.2 18.2
ALT/AZ=65.6 133.7
fwAVG=1.78
sdW=178.7
fwW=1.68
sdS=107.4
fwS=1.61
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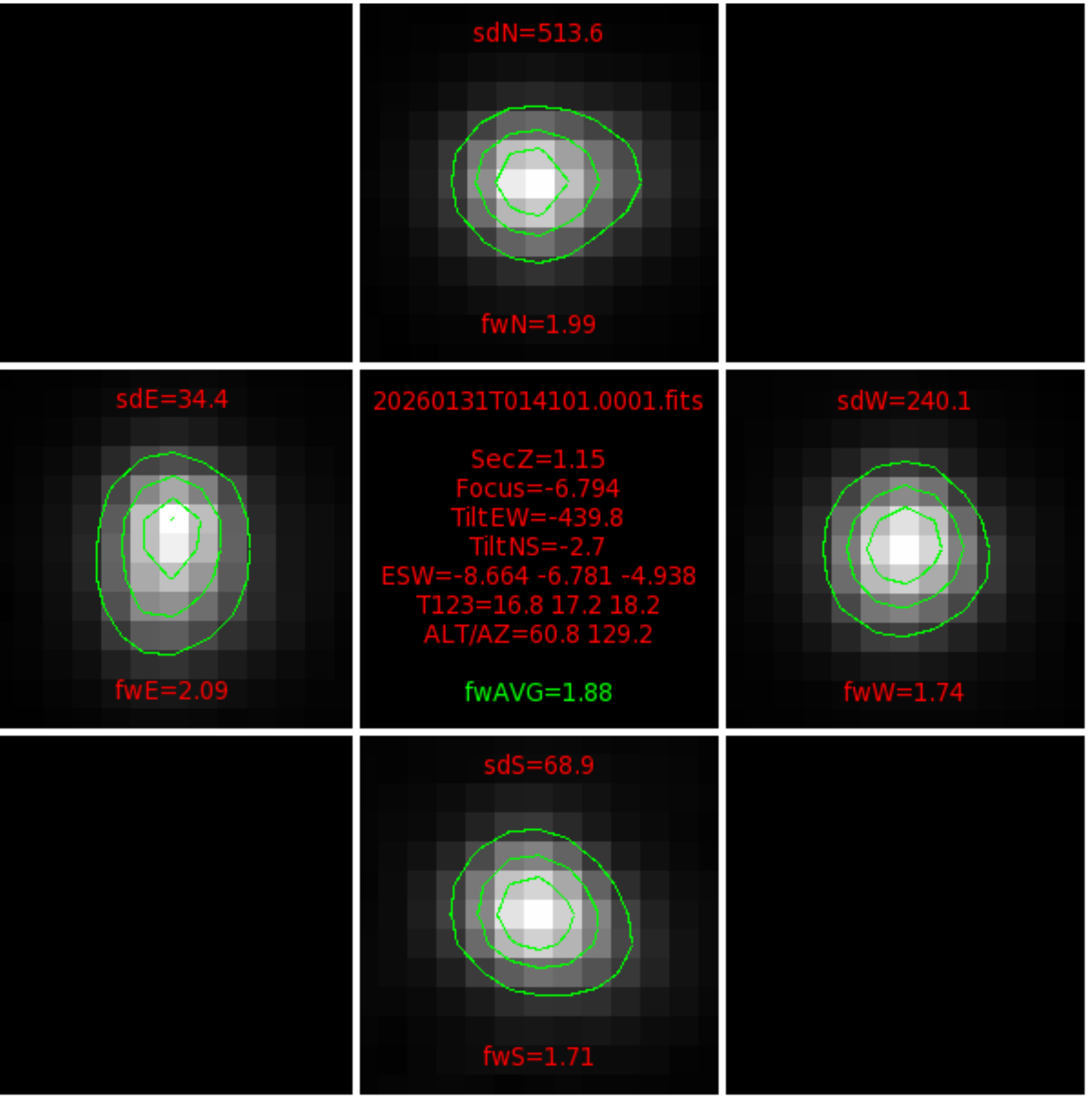
sdN=513.6
fwN=1.99
sdE=34.4
fwE=2.09
20260131T014101.0001.fits
SecZ=1.15
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.8 17.2 18.2
ALT/AZ=60.8 129.2
fwAVG=1.88
sdW=240.1
fwW=1.74
sdS=68.9
fwS=1.71
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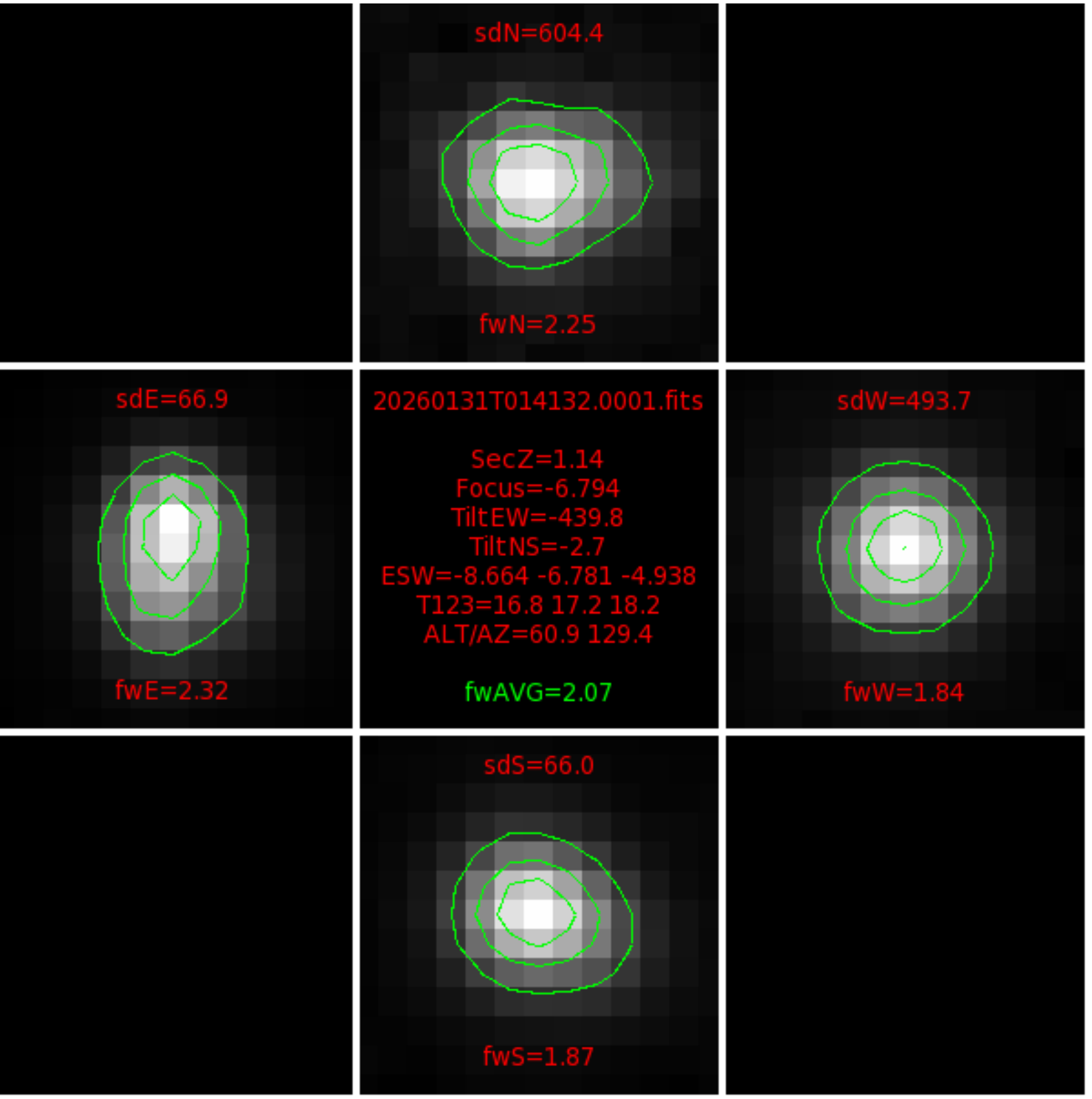
sdN=604.4
fwN=2.25
sdE=66.9
fwE=2.32
20260131T014132.0001.fits
SecZ=1.14
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.8 17.2 18.2
ALT/AZ=60.9 129.4
fwAVG=2.07
sdW=493.7
fwW=1.84
sdS=66.0
fwS=1.87
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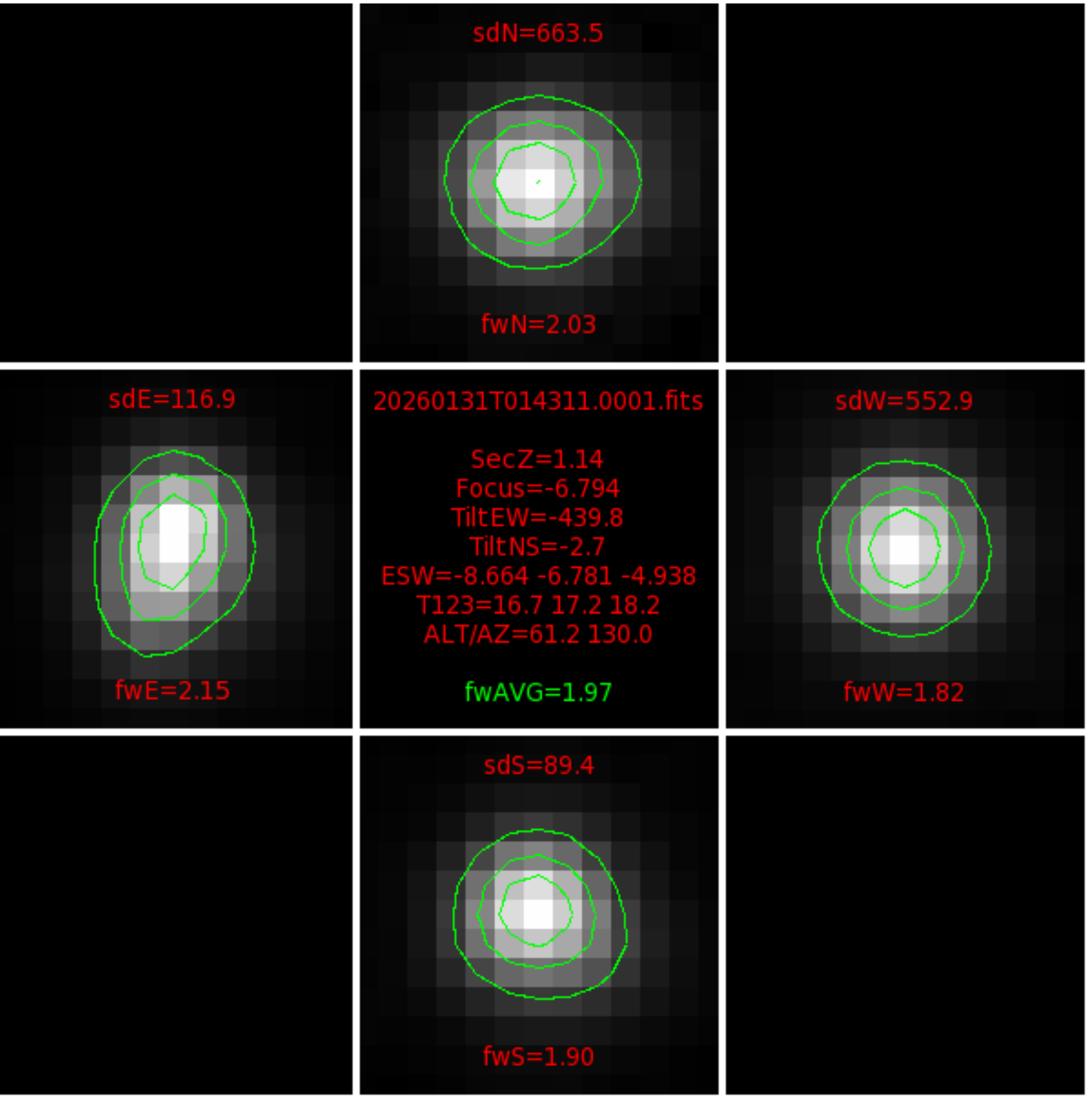
sdN=663.5
fwN=2.03
sdE=116.9
fwE=2.15
20260131T014311.0001.fits
SecZ=1.14
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.7 17.2 18.2
ALT/AZ=61.2 130.0
fwAVG=1.97
sdW=552.9
fwW=1.82
sdS=89.4
fwS=1.90
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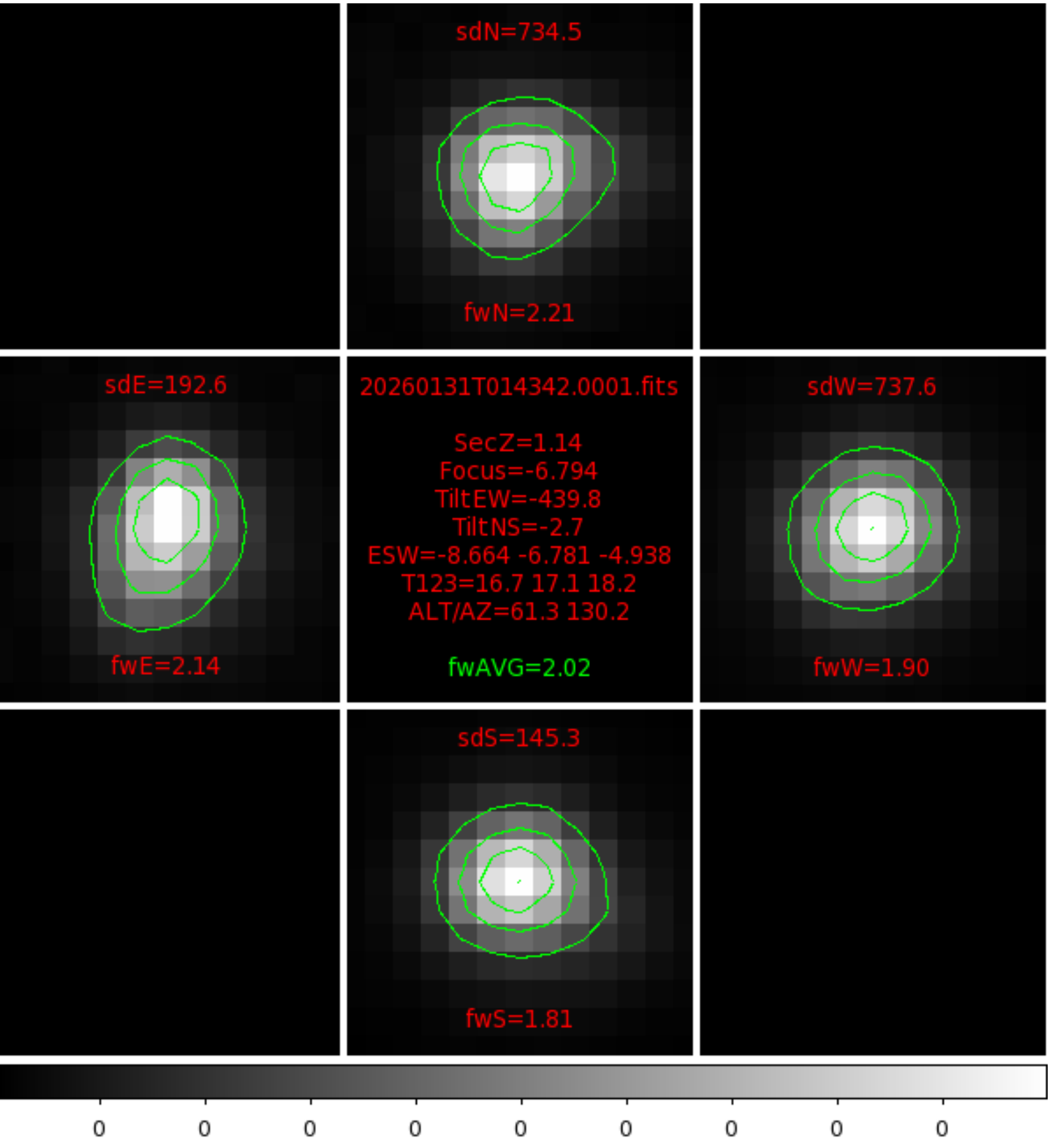
sdN=734.5
fwN=2.21
sdE=192.6
fwE=2.14
20260131T014342.0001.fits
SecZ=1.14
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.7 17.1 18.2
ALT/AZ=61.3 130.2
fwAVG=2.02
sdW=737.6
fwW=1.90
sdS=145.3
fwS=1.81
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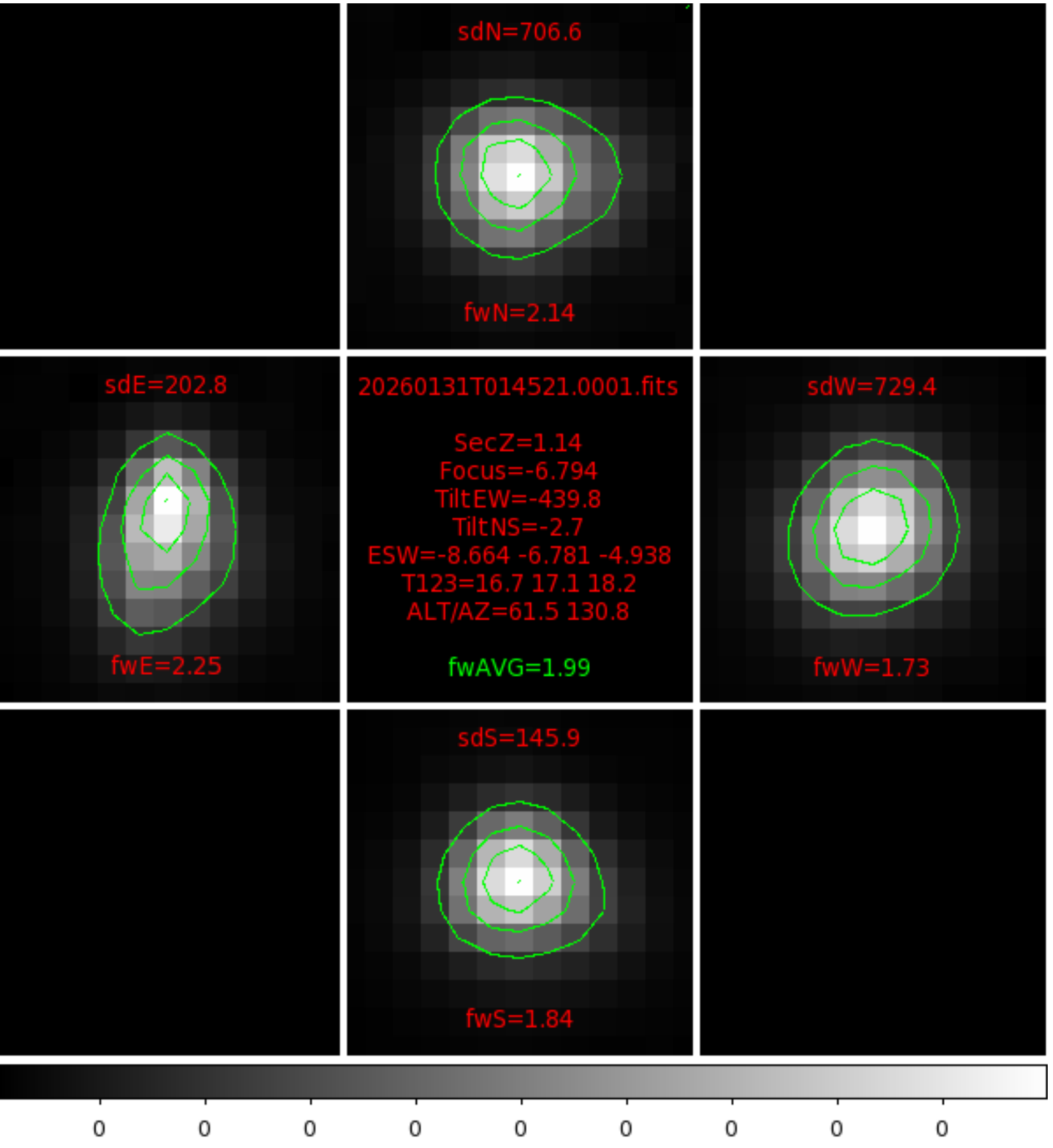
sdN=706.6
fwN=2.14
sdE=202.8
fwE=2.25
20260131T014521.0001.fits
SecZ=1.14
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.7 17.1 18.2
ALT/AZ=61.5 130.8
fwAVG=1.99
sdW=729.4
fwW=1.73
sdS=145.9
fwS=1.84
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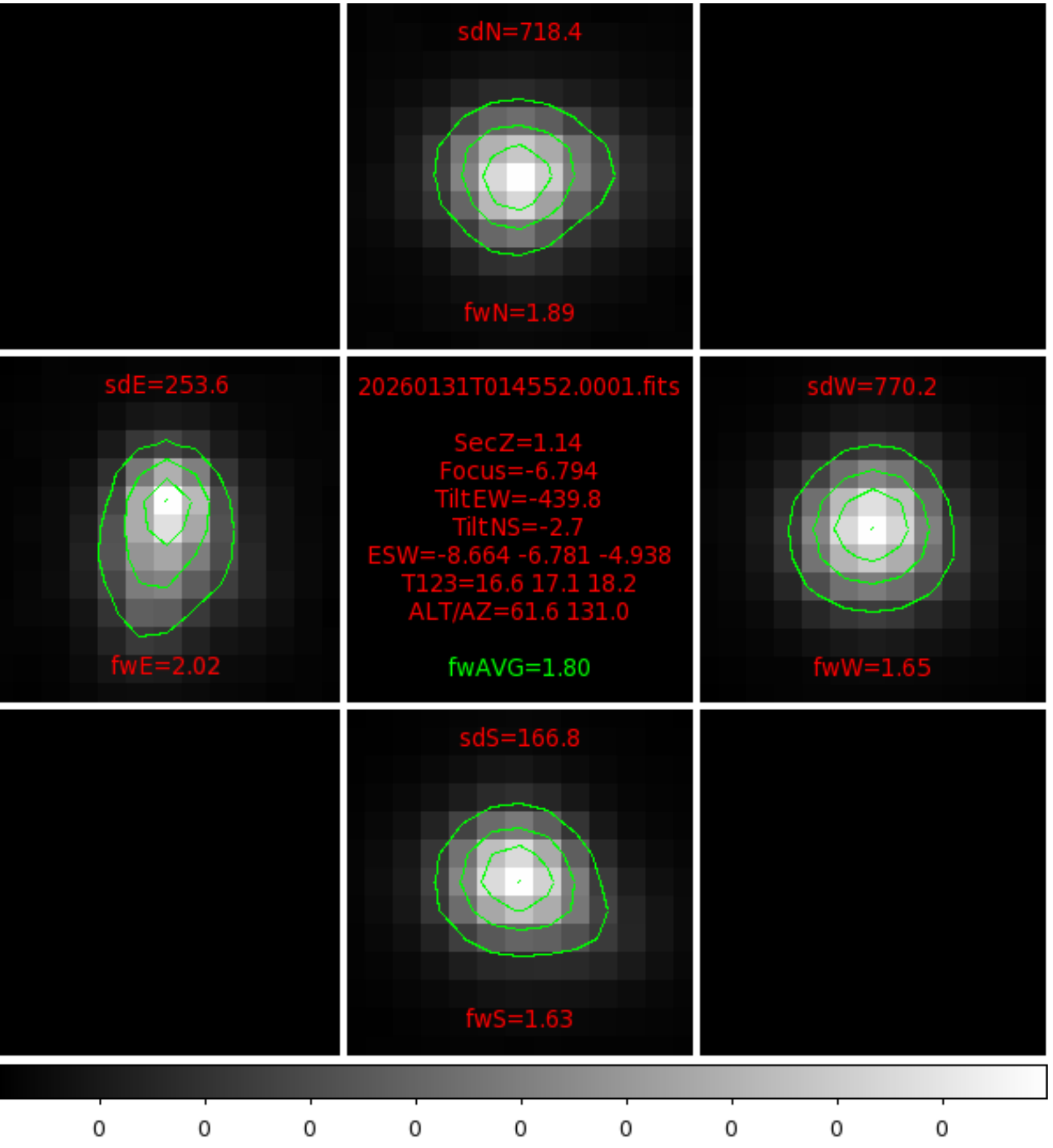
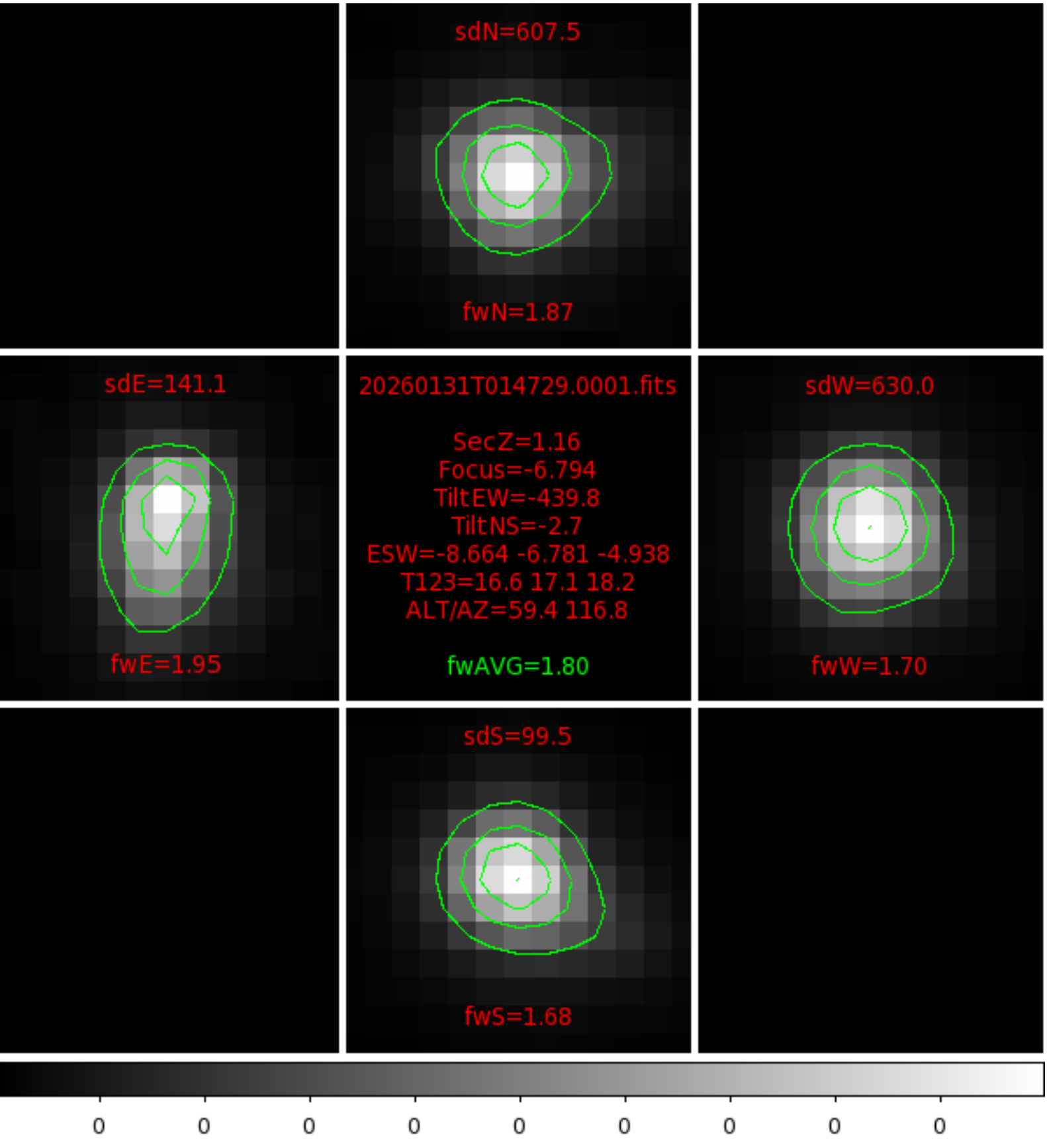
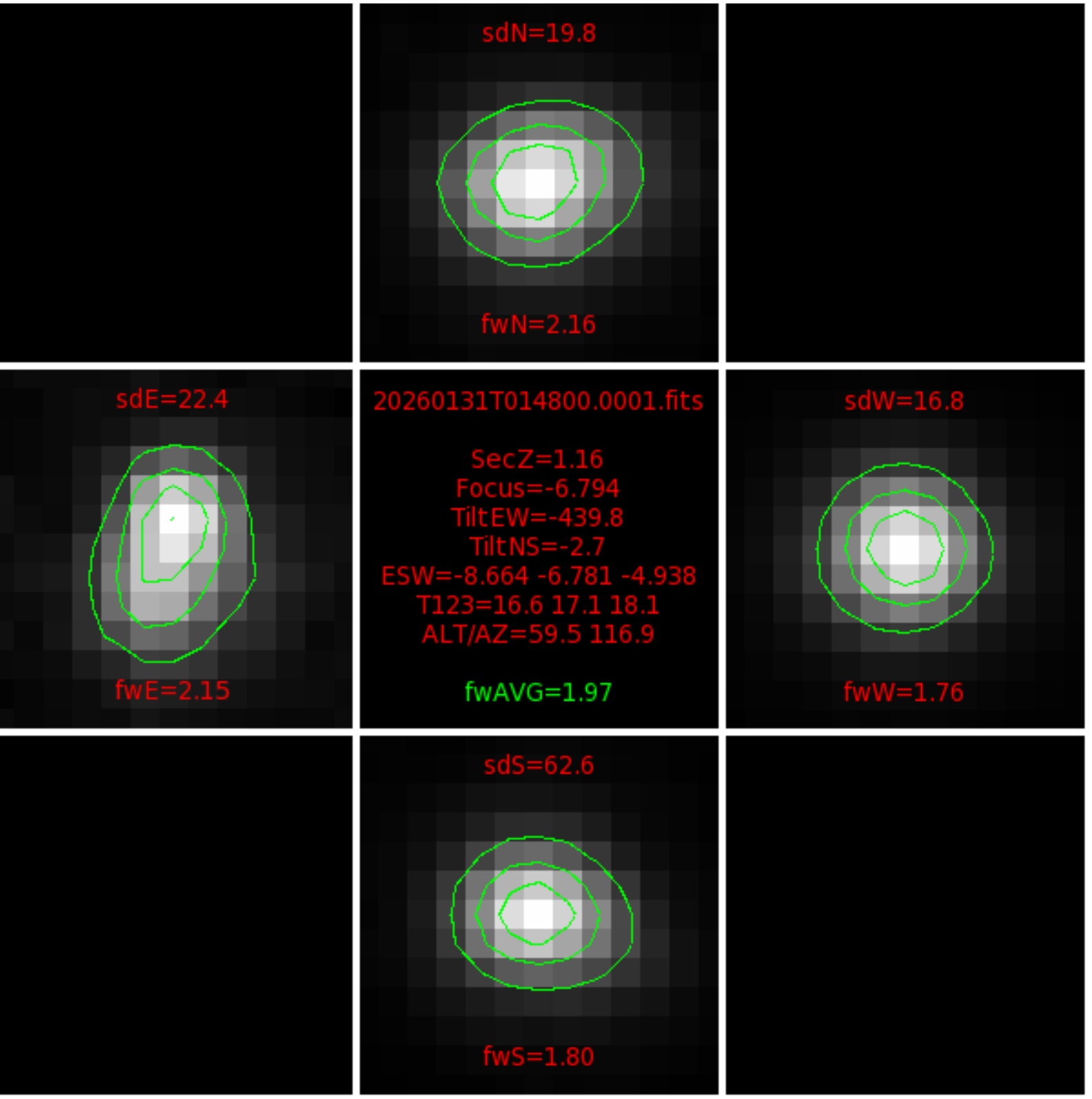

sdN=718.4
fwN=1.89
sdE=253.6
fwE=2.02
20260131T014552.0001.fits
SecZ=1.14
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.6 17.1 18.2
ALT/AZ=61.6 131.0
fwAVG=1.80
sdW=770.2
fwW=1.65
sdS=166.8
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=607.5
fwN=1.87
sdE=141.1
fwE=1.95
20260131T014729.0001.fits
SecZ=1.16
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.6 17.1 18.2
ALT/AZ=59.4 116.8
fwAVG=1.80
sdW=630.0
fwW=1.70
sdS=99.5
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=19.8
fwN=2.16
sdE=22.4
fwE=2.15
20260131T014800.0001.fits
SecZ=1.16
Focus=-6.794
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.664 -6.781 -4.938
T123=16.6 17.1 18.1
ALT/AZ=59.5 116.9
fwAVG=1.97
sdW=16.8
fwW=1.76
sdS=62.6
fwS=1.80
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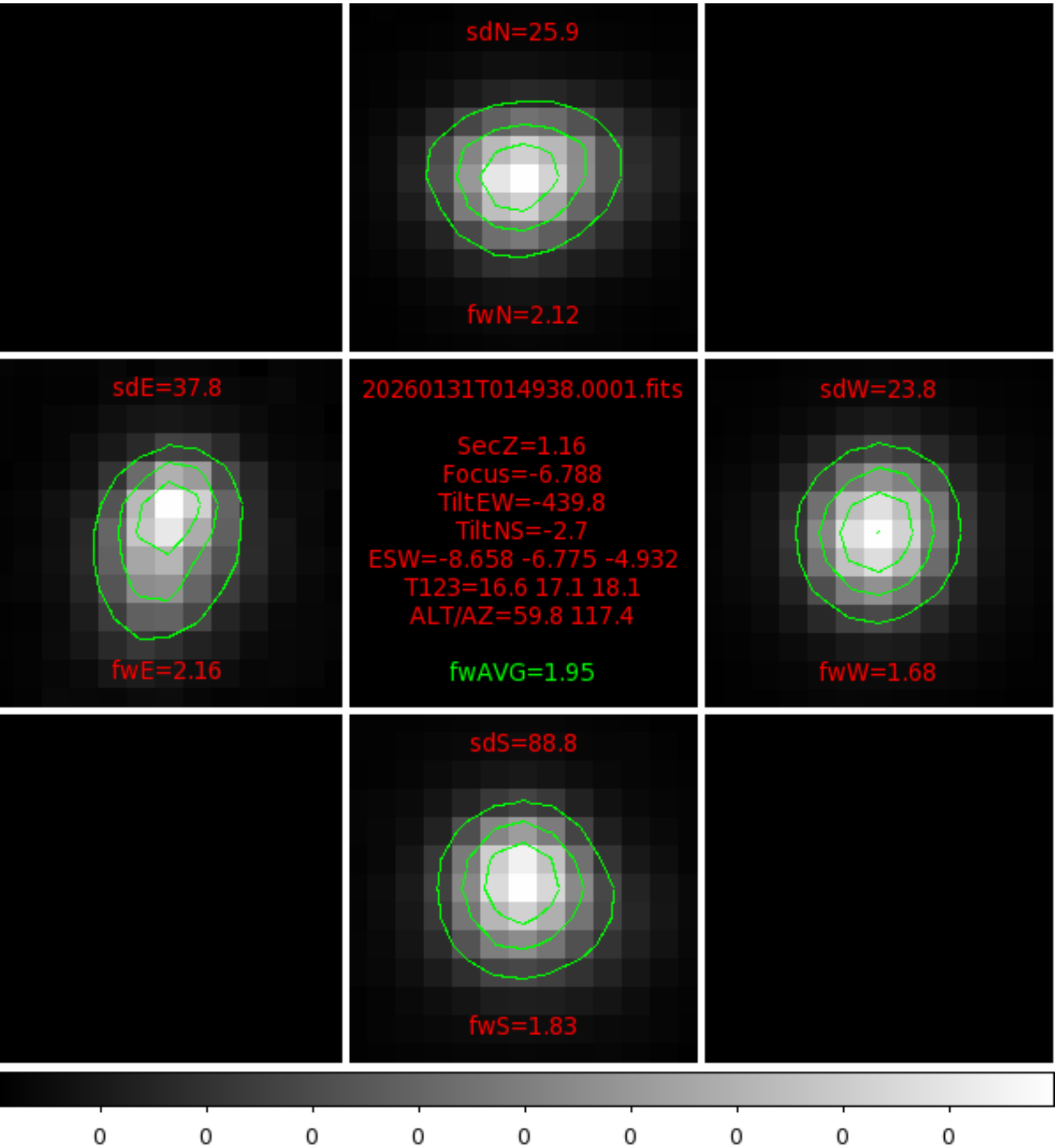
sdN=25.9
fwN=2.12
sdE=37.8
fwE=2.16
20260131T014938.0001.fits
SecZ=1.16
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.6 17.1 18.1
ALT/AZ=59.8 117.4
fwAVG=1.95
sdW=23.8
fwW=1.68
sdS=88.8
fwS=1.83
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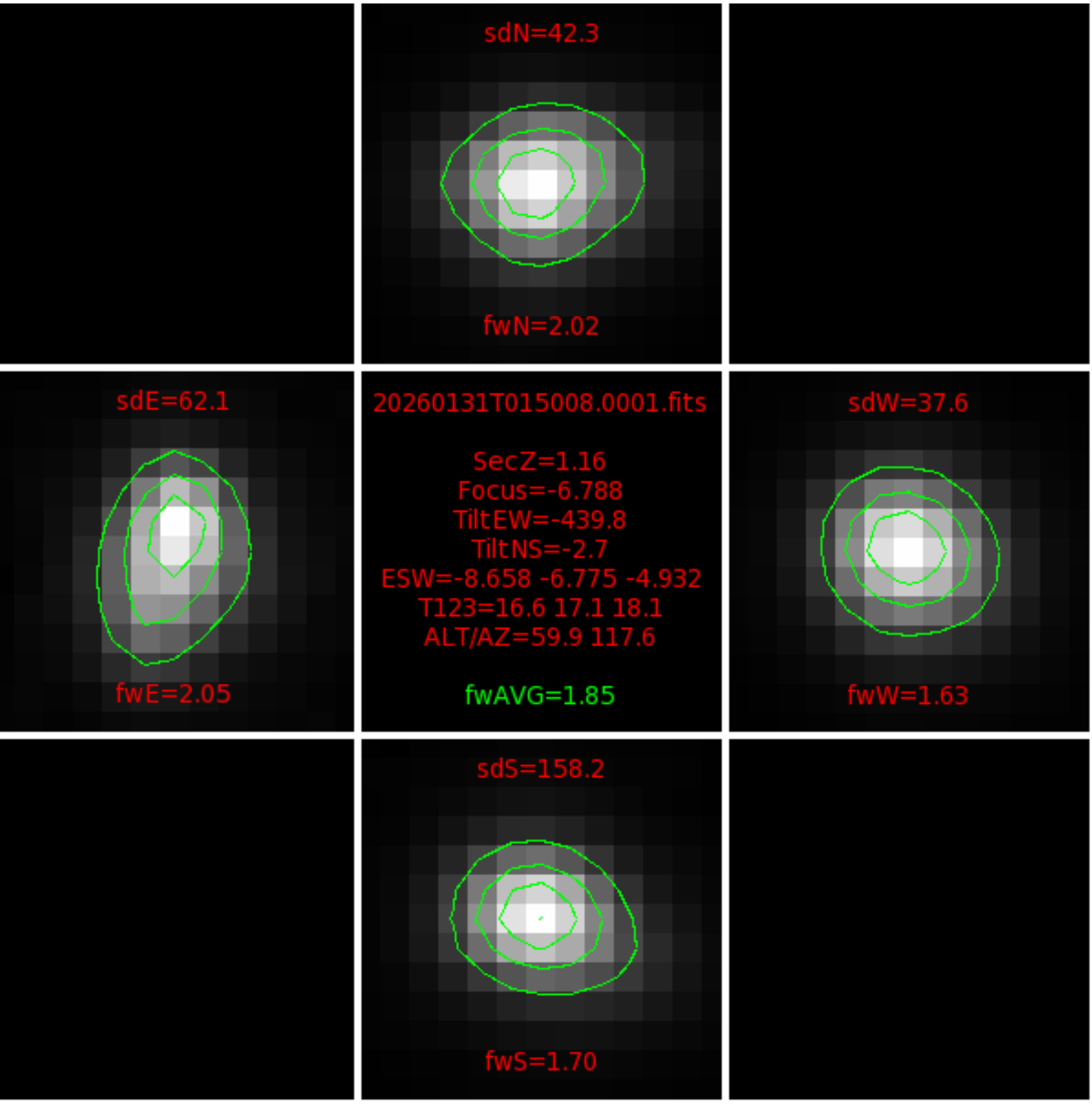
sdN=42.3
fwN=2.02
sdE=62.1
fwE=2.05
20260131T015008.0001.fits
SecZ=1.16
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.6 17.1 18.1
ALT/AZ=59.9 117.6
fwAVG=1.85
sdW=37.6
fwW=1.63
sdS=158.2
fwS=1.70
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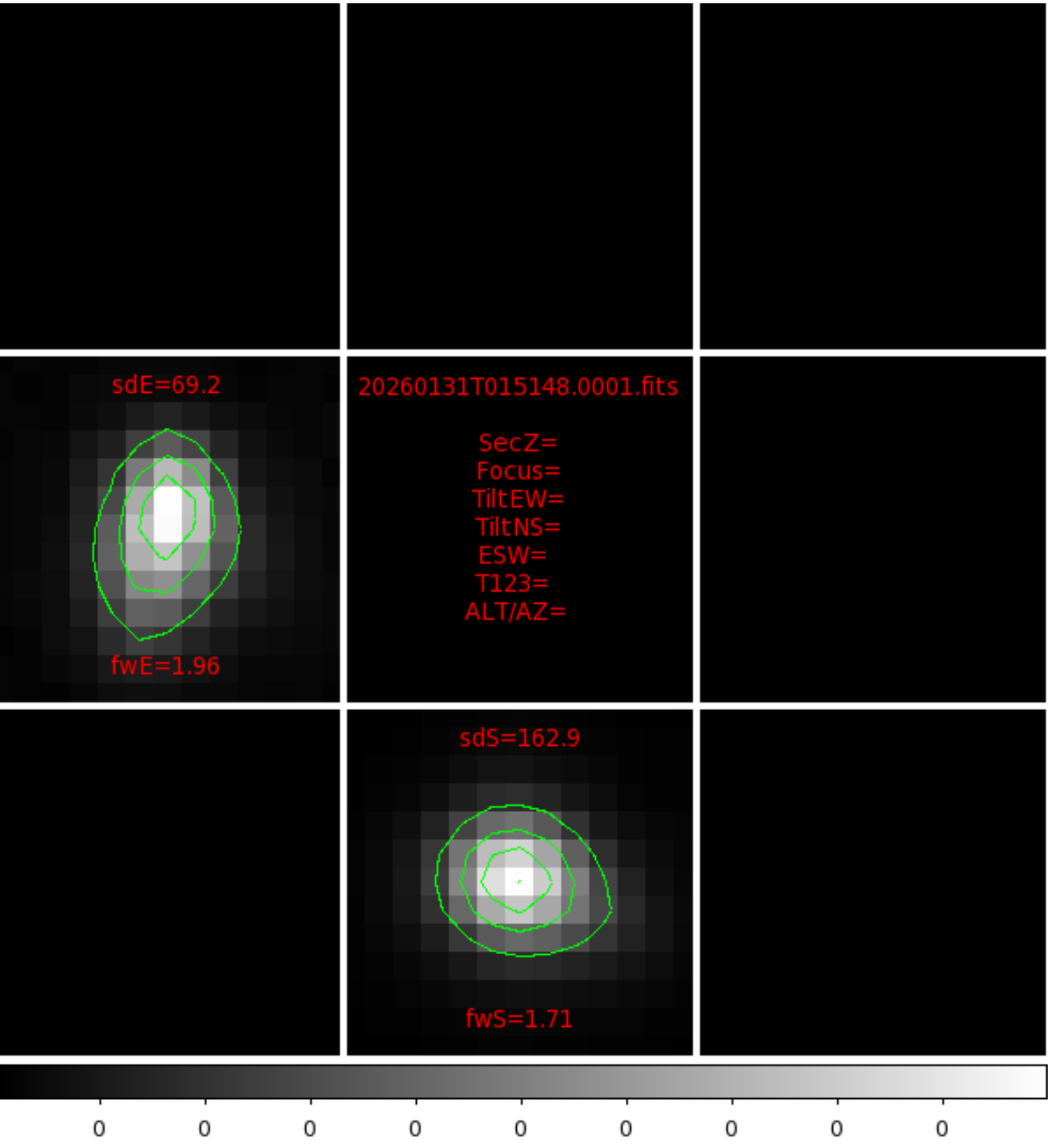
sdE=69.2
20260131T015148.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=1.96
sdS=162.9
fwS=1.71
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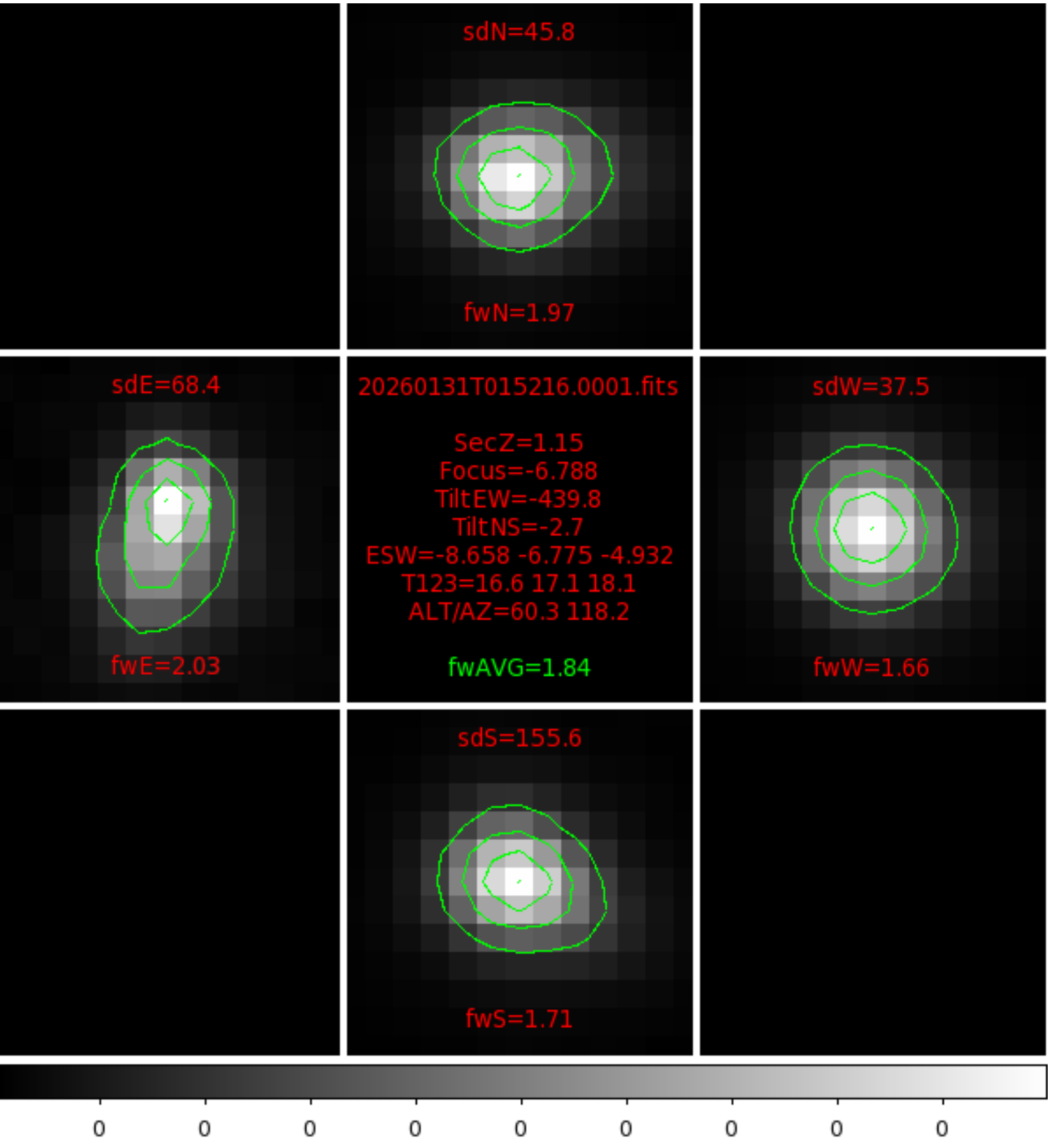
sdN=45.8
fwN=1.97
sdE=68.4
fwE=2.03
20260131T015216.0001.fits
SecZ=1.15
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.6 17.1 18.1
ALT/AZ=60.3 118.2
fwAVG=1.84
sdW=37.5
fwW=1.66
sdS=155.6
fwS=1.71
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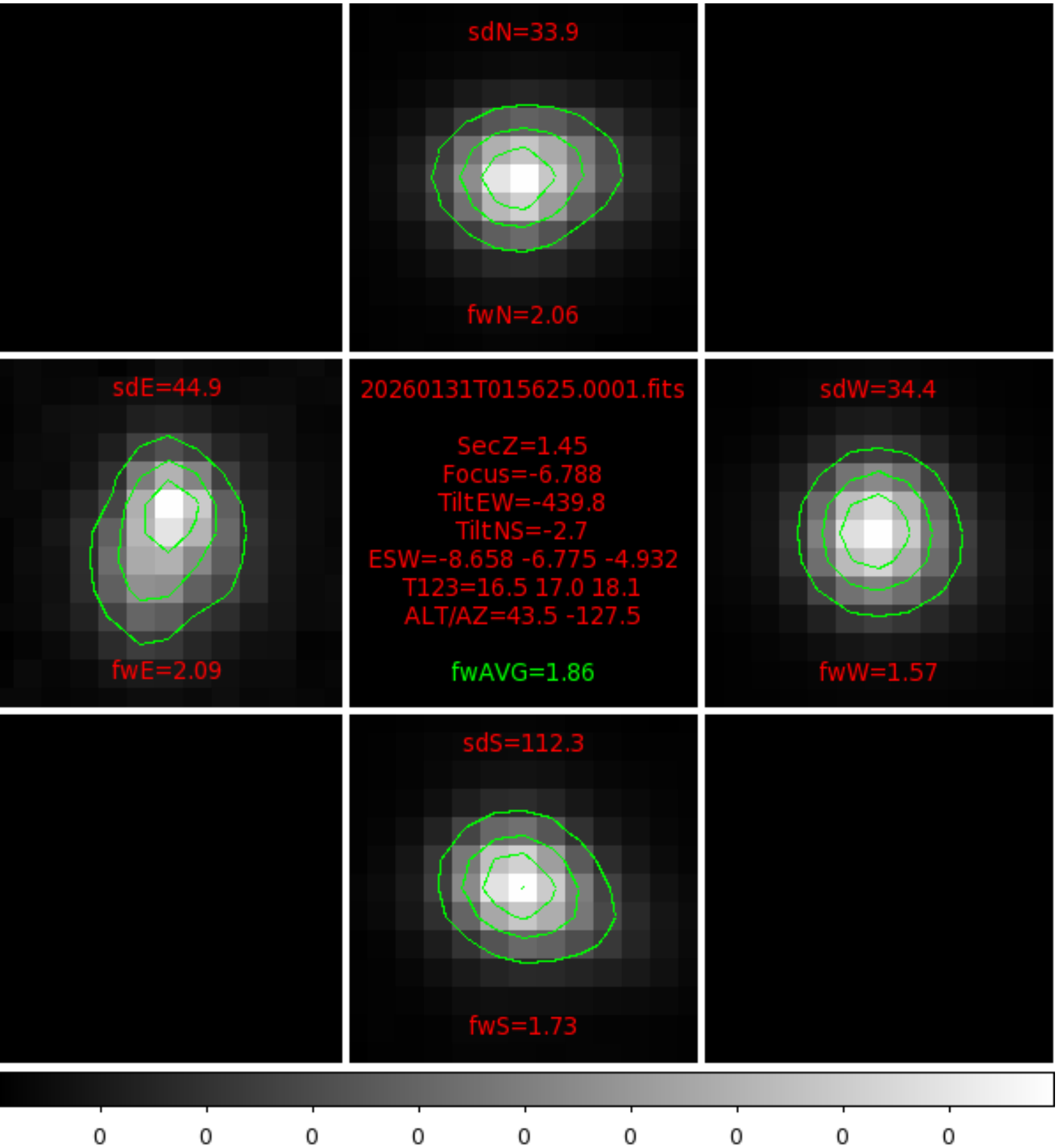
sdN=33.9
fwN=2.06
sdE=44.9
fwE=2.09
20260131T015625.0001.fits
SecZ=1.45
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.5 17.0 18.1
ALT/AZ=43.5 -127.5
fwAVG=1.86
sdW=34.4
fwW=1.57
sdS=112.3
fwS=1.73
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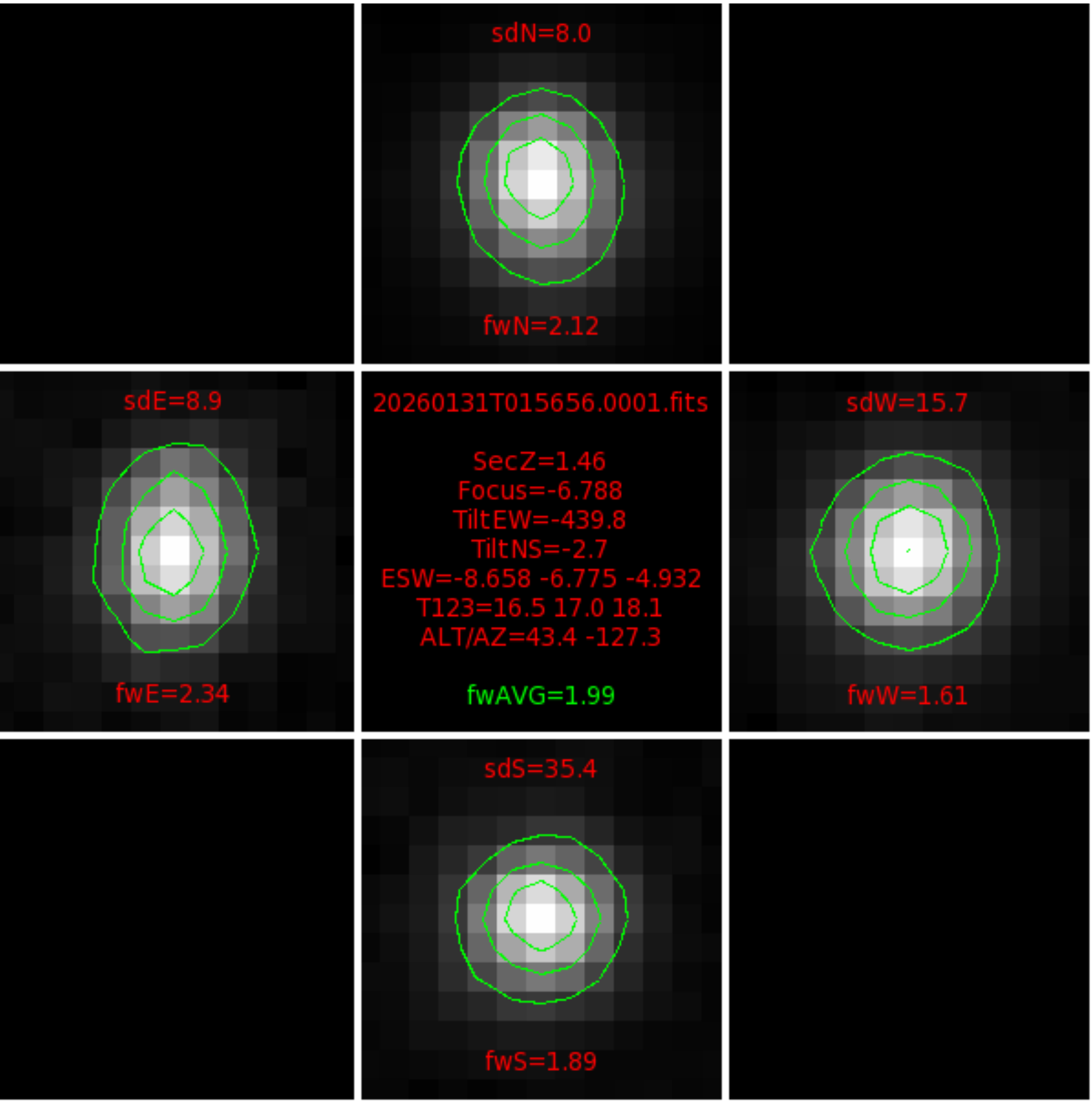
sdN=8.0
fwN=2.12
sdE=8.9
fwE=2.34
20260131T015656.0001.fits
SecZ=1.46
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.5 17.0 18.1
ALT/AZ=43.4 -127.3
fwAVG=1.99
sdW=15.7
fwW=1.61
sdS=35.4
fwS=1.89
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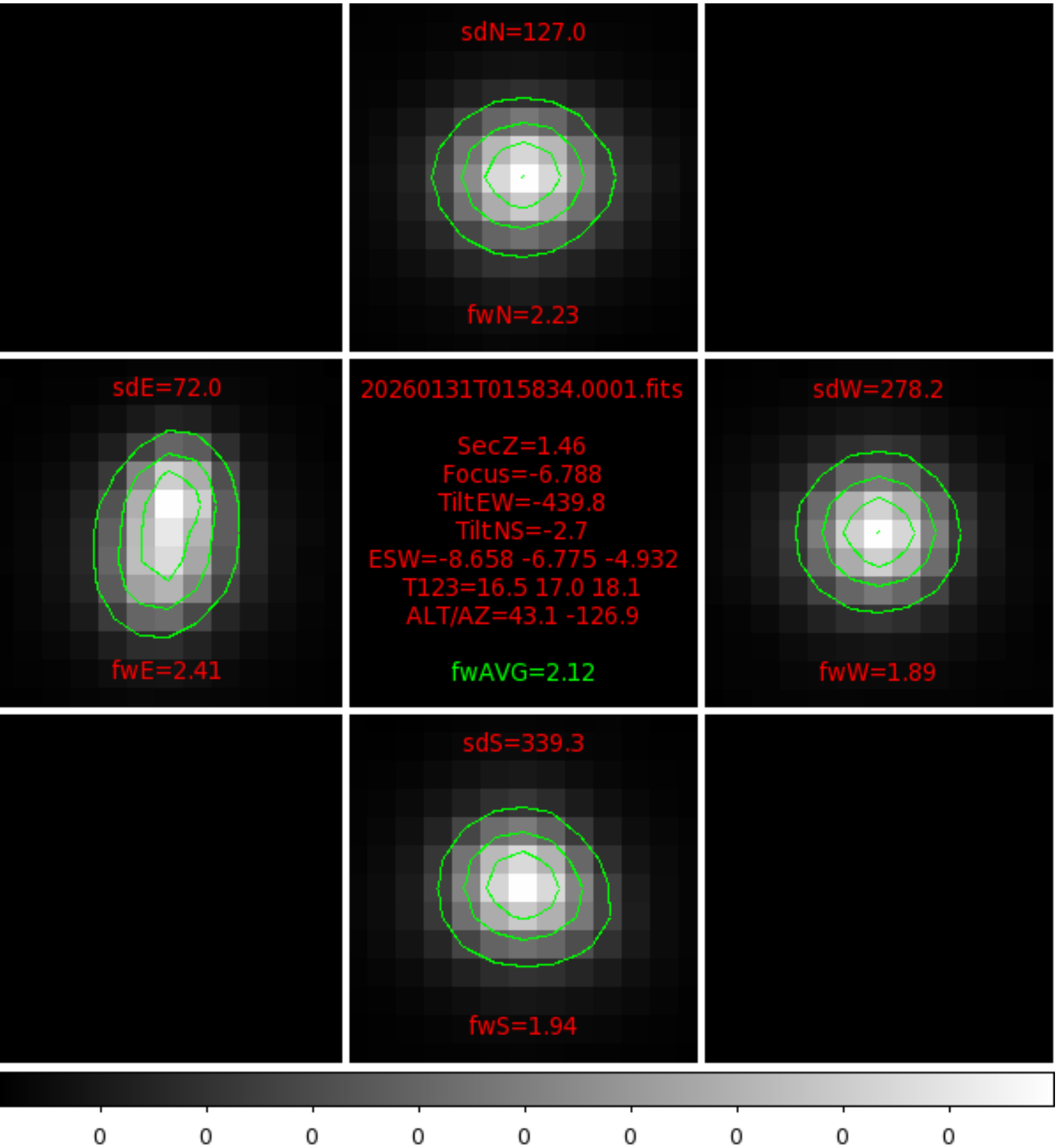
sdN=127.0
fwN=2.23
sdE=72.0
fwE=2.41
20260131T015834.0001.fits
SecZ=1.46
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.5 17.0 18.1
ALT/AZ=43.1 -126.9
fwAVG=2.12
sdW=278.2
fwW=1.89
sdS=339.3
fwS=1.94
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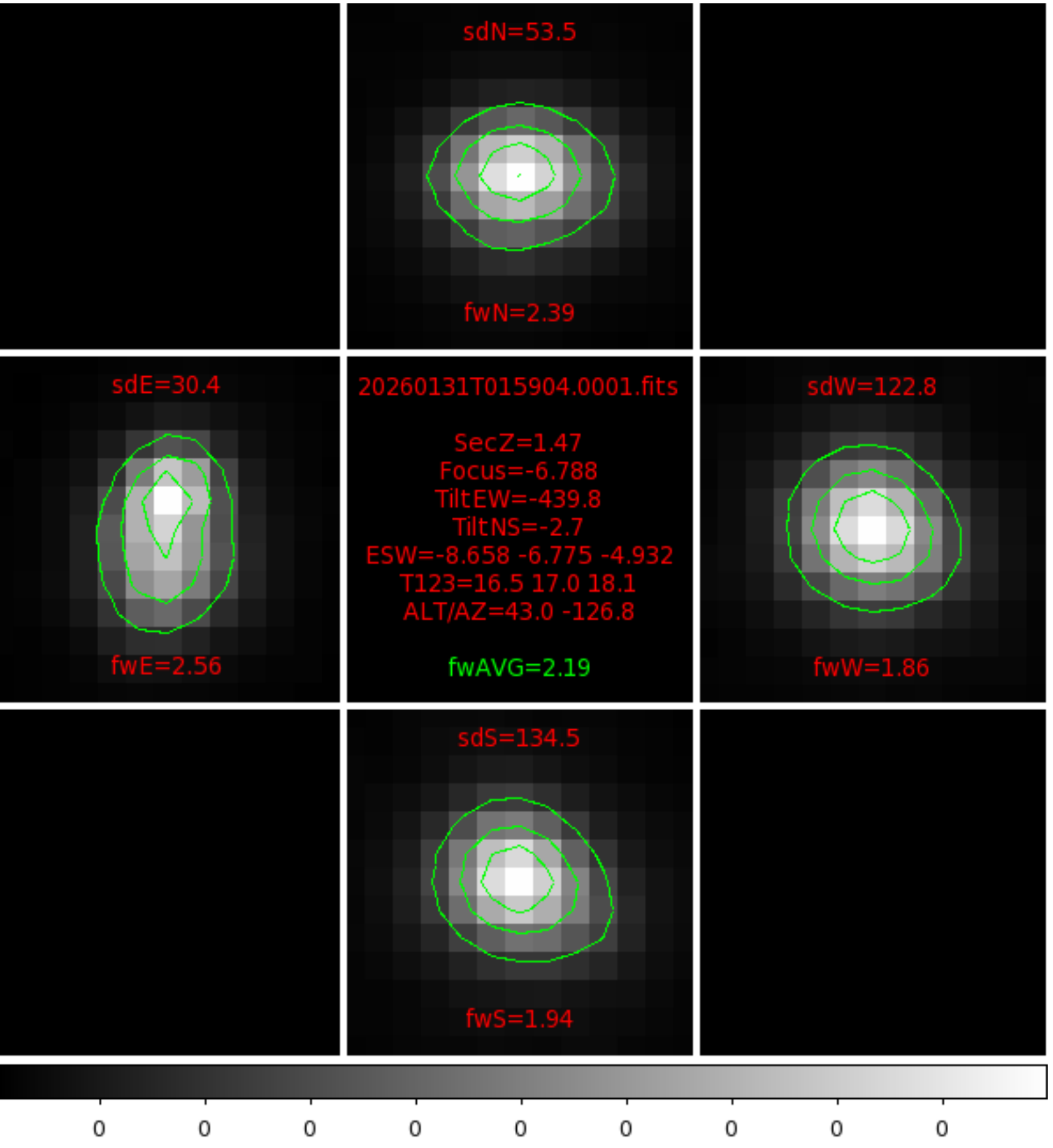
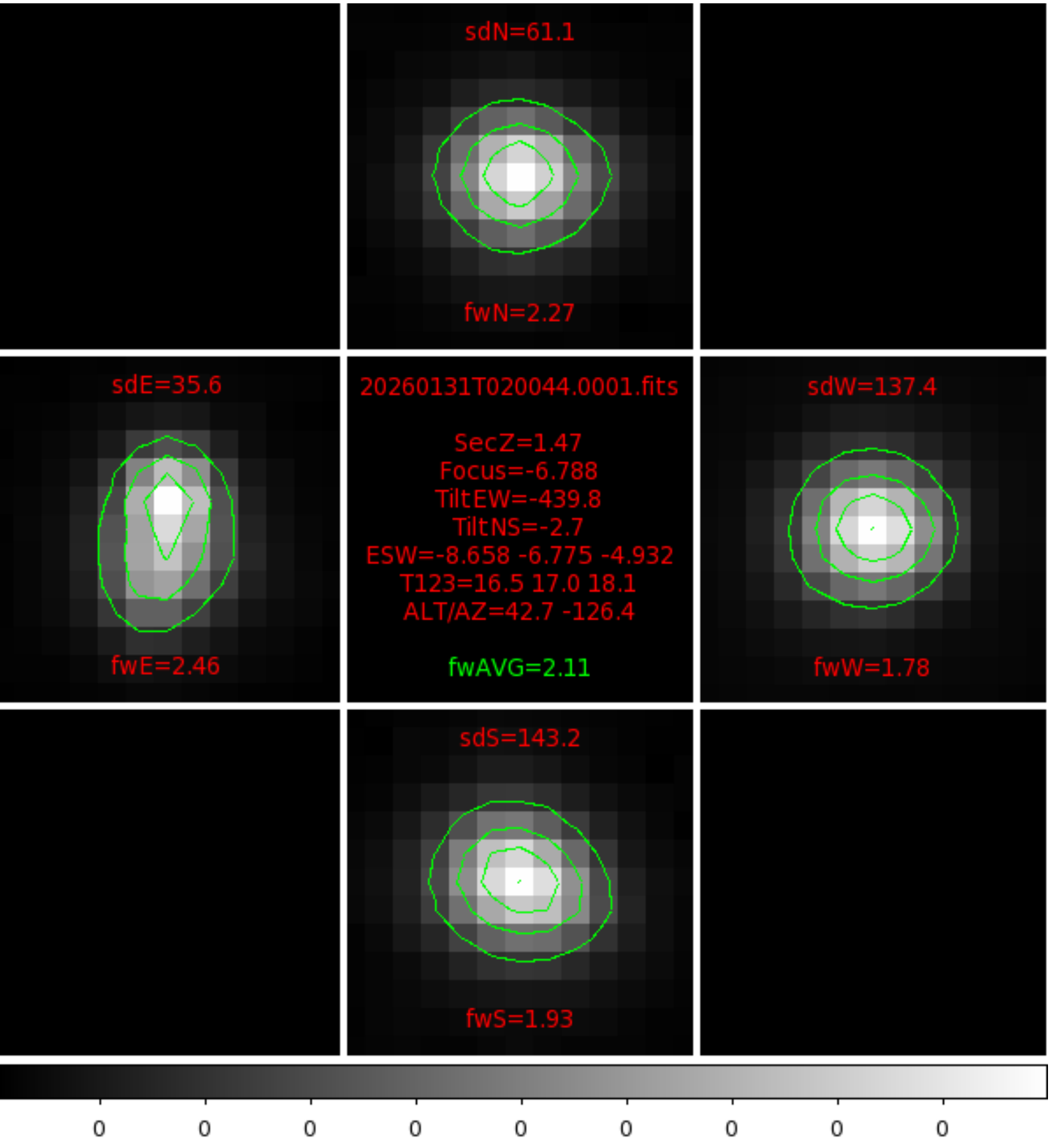
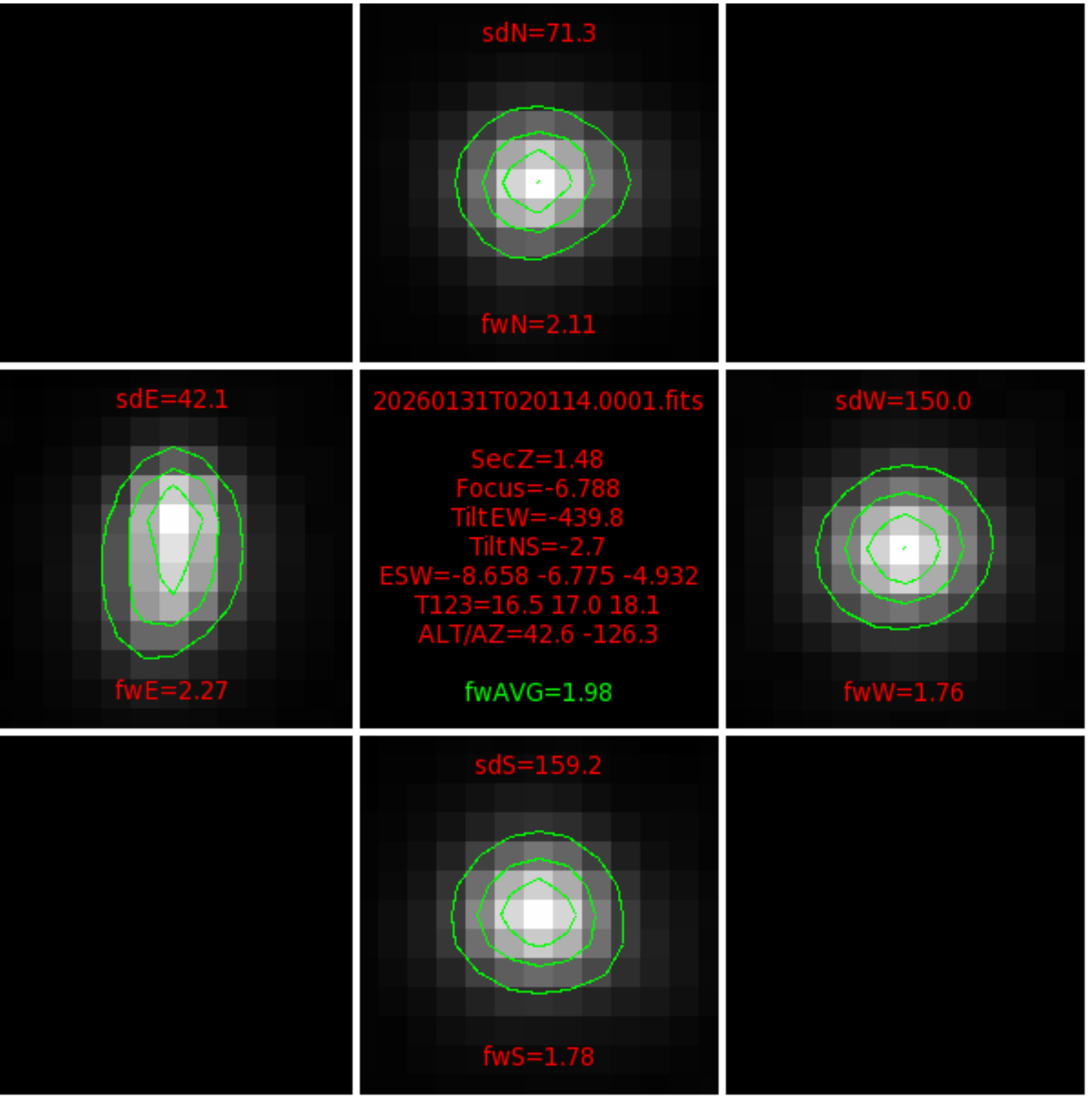
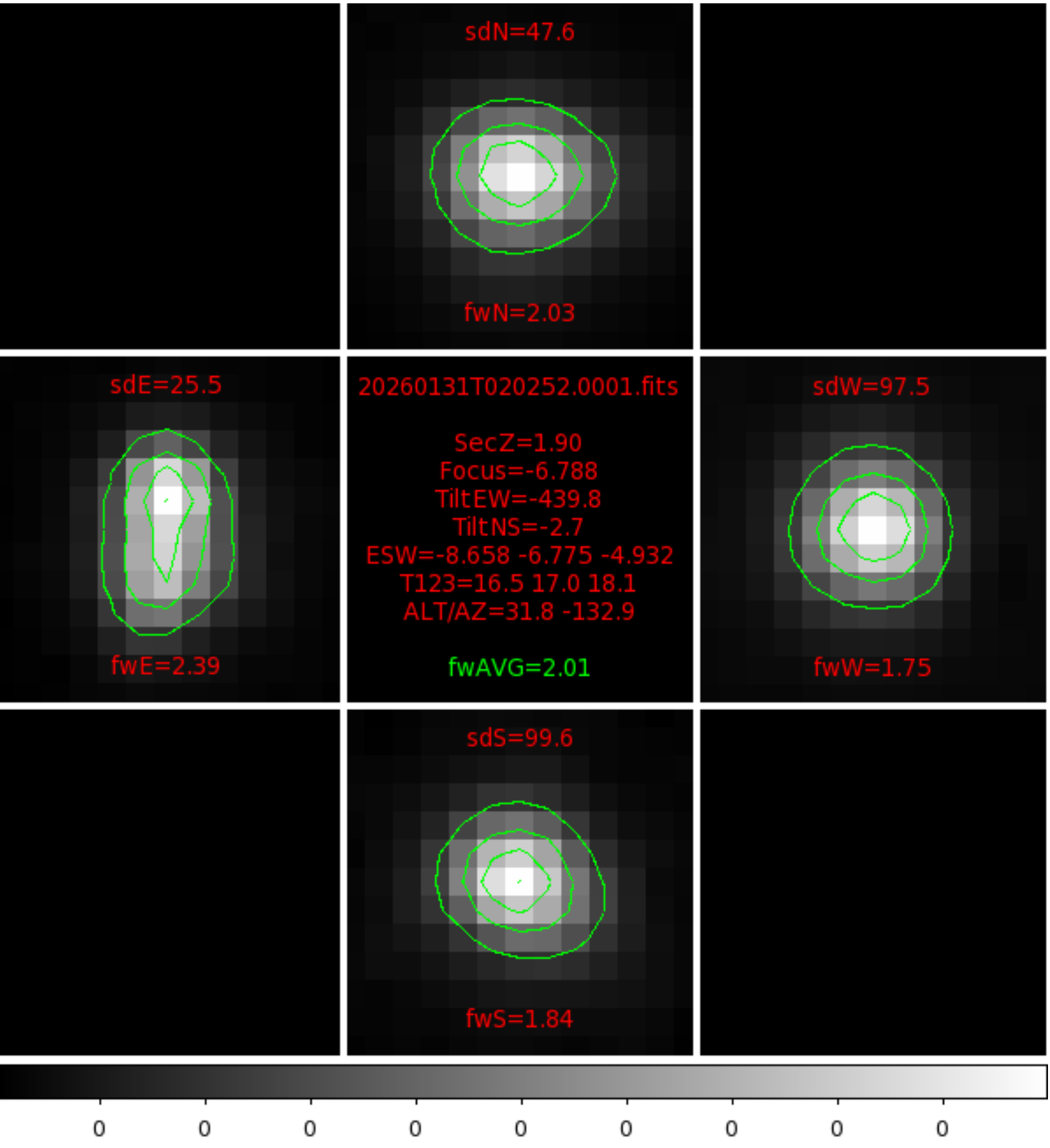

sdN=53.5
fwN=2.39
sdE=30.4
fwE=2.56
20260131T015904.0001.fits
SecZ=1.47
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.5 17.0 18.1
ALT/AZ=43.0 -126.8
fwAVG=2.19
sdW=122.8
fwW=1.86
sdS=134.5
fwS=1.94
0 0 0 0 0 0 0 0 0


sdN=61.1
fwN=2.27
sdE=35.6
fwE=2.46
20260131T020044.0001.fits
SecZ=1.47
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.5 17.0 18.1
ALT/AZ=42.7 -126.4
fwAVG=2.11
sdW=137.4
fwW=1.78
sdS=143.2
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=71.3
fwN=2.11
sdE=42.1
fwE=2.27
20260131T020114.0001.fits
SecZ=1.48
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.5 17.0 18.1
ALT/AZ=42.6 -126.3
fwAVG=1.98
sdW=150.0
fwW=1.76
sdS=159.2
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=47.6
fwN=2.03
sdE=25.5
fwE=2.39
20260131T020252.0001.fits
SecZ=1.90
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.5 17.0 18.1
ALT/AZ=31.8 -132.9
fwAVG=2.01
sdW=97.5
fwW=1.75
sdS=99.6
fwS=1.84
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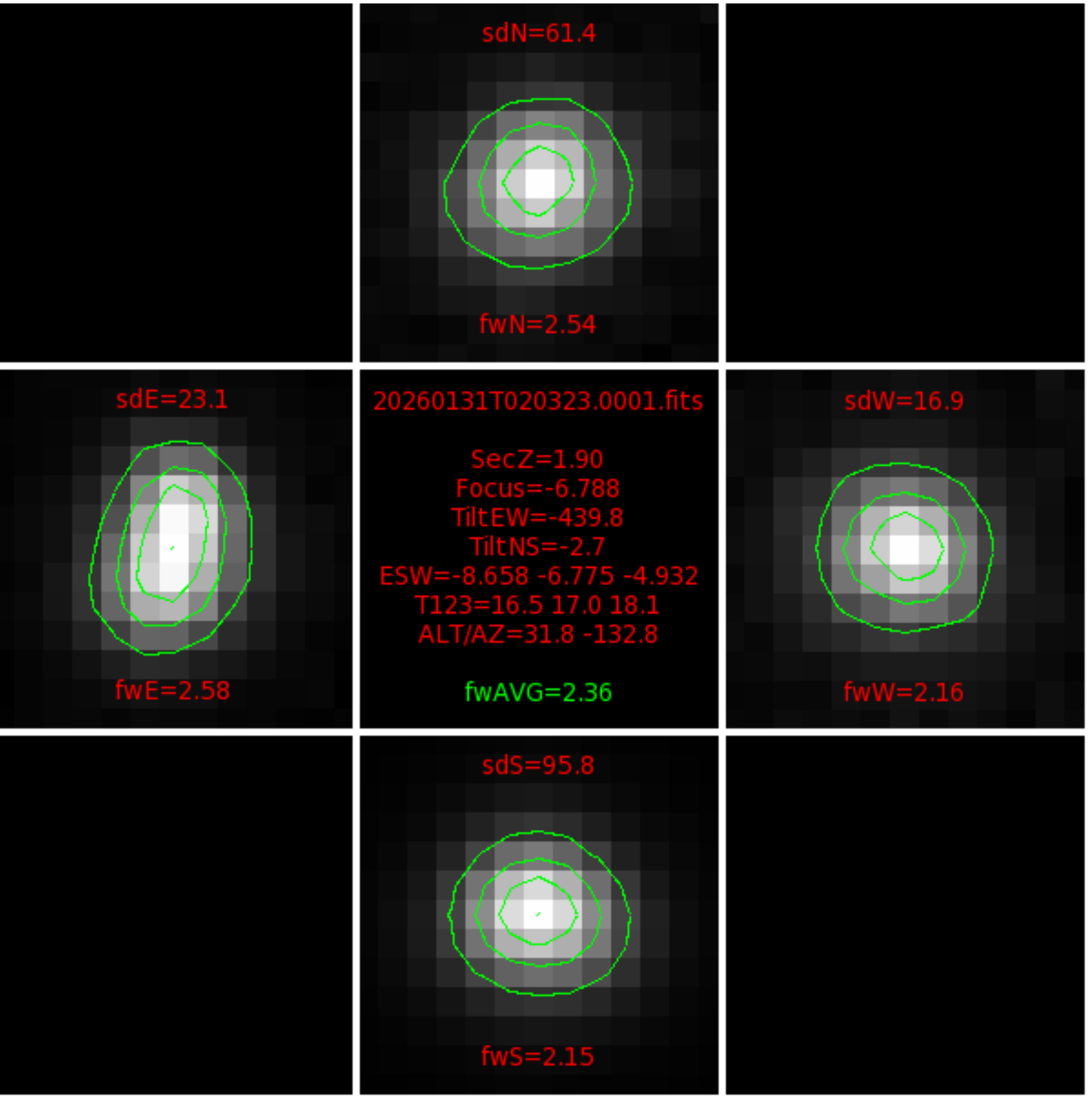
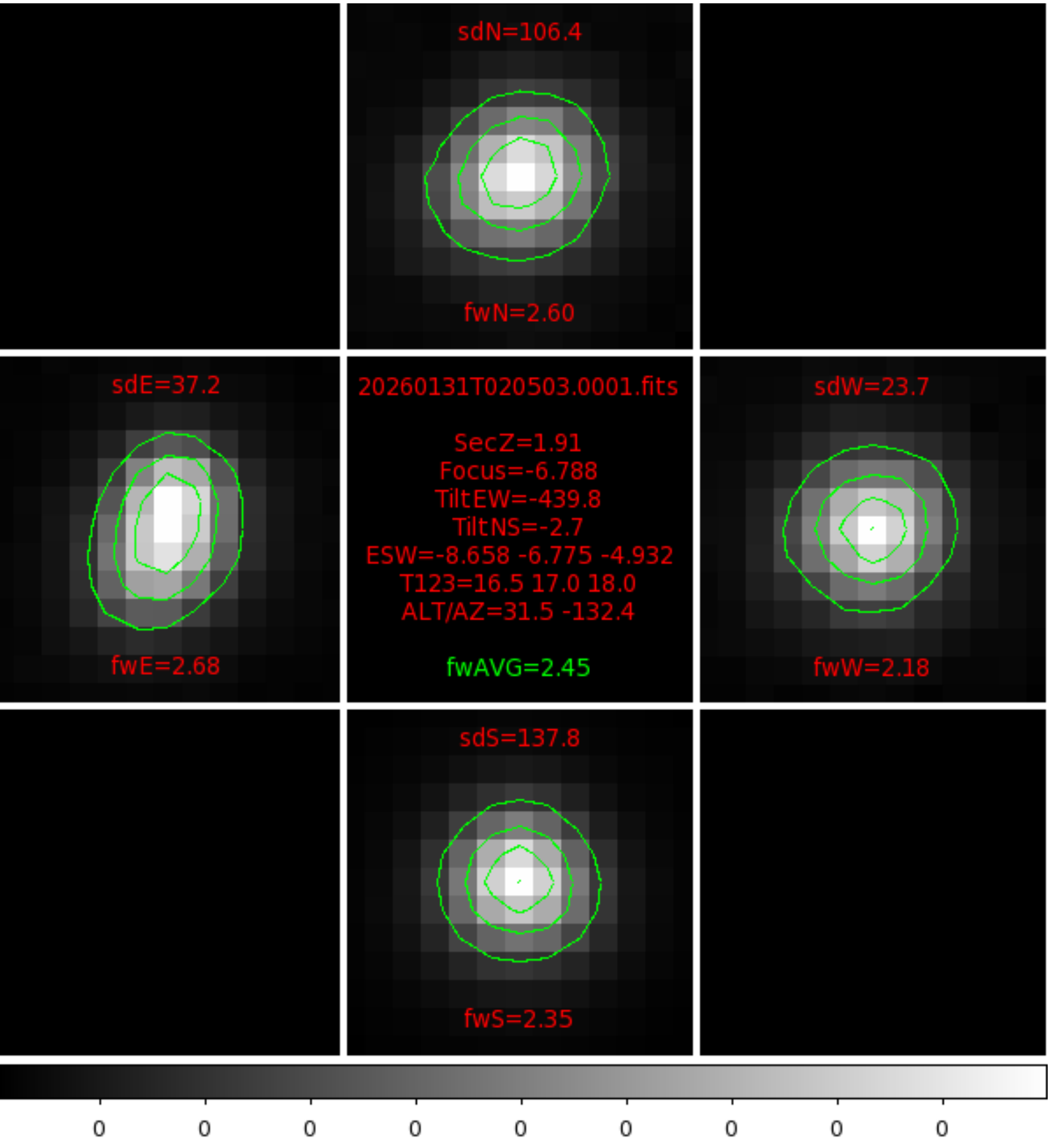

sdN=61.4
fwN=2.54
sdE=23.1
fwE=2.58
20260131T020323.0001.fits
SecZ=1.90
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.5 17.0 18.1
ALT/AZ=31.8 -132.8
fwAVG=2.36
sdW=16.9
fwW=2.16
sdS=95.8
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=106.4
fwN=2.60
sdE=37.2
fwE=2.68
20260131T020503.0001.fits
SecZ=1.91
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.5 17.0 18.0
ALT/AZ=31.5 -132.4
fwAVG=2.45
sdW=23.7
fwW=2.18
sdS=137.8
fwS=2.35
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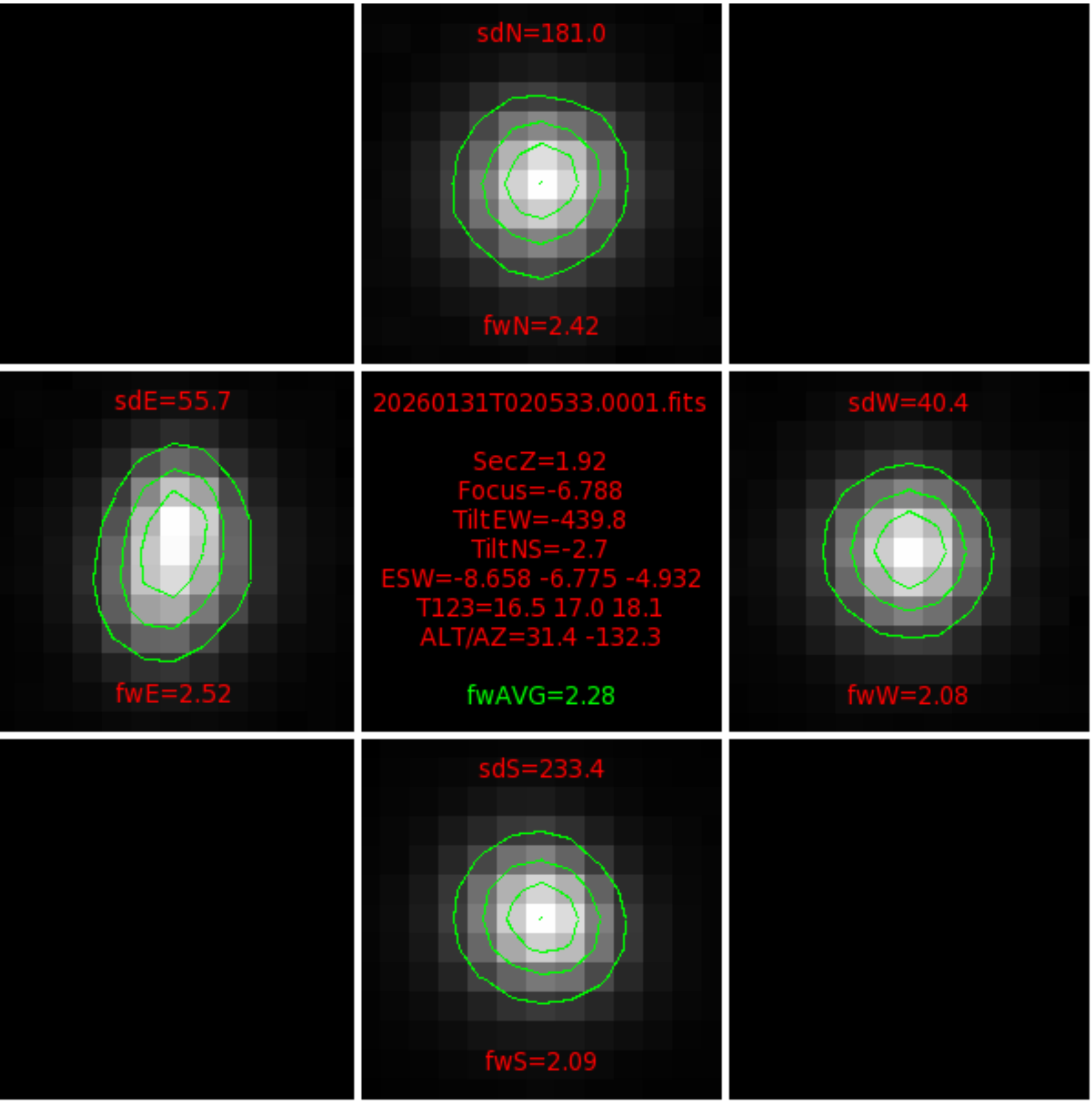
sdN=181.0
fwN=2.42
sdE=55.7
fwE=2.52
20260131T020533.0001.fits
SecZ=1.92
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.5 17.0 18.1
ALT/AZ=31.4 -132.3
fwAVG=2.28
sdW=40.4
fwW=2.08
sdS=233.4
fwS=2.09
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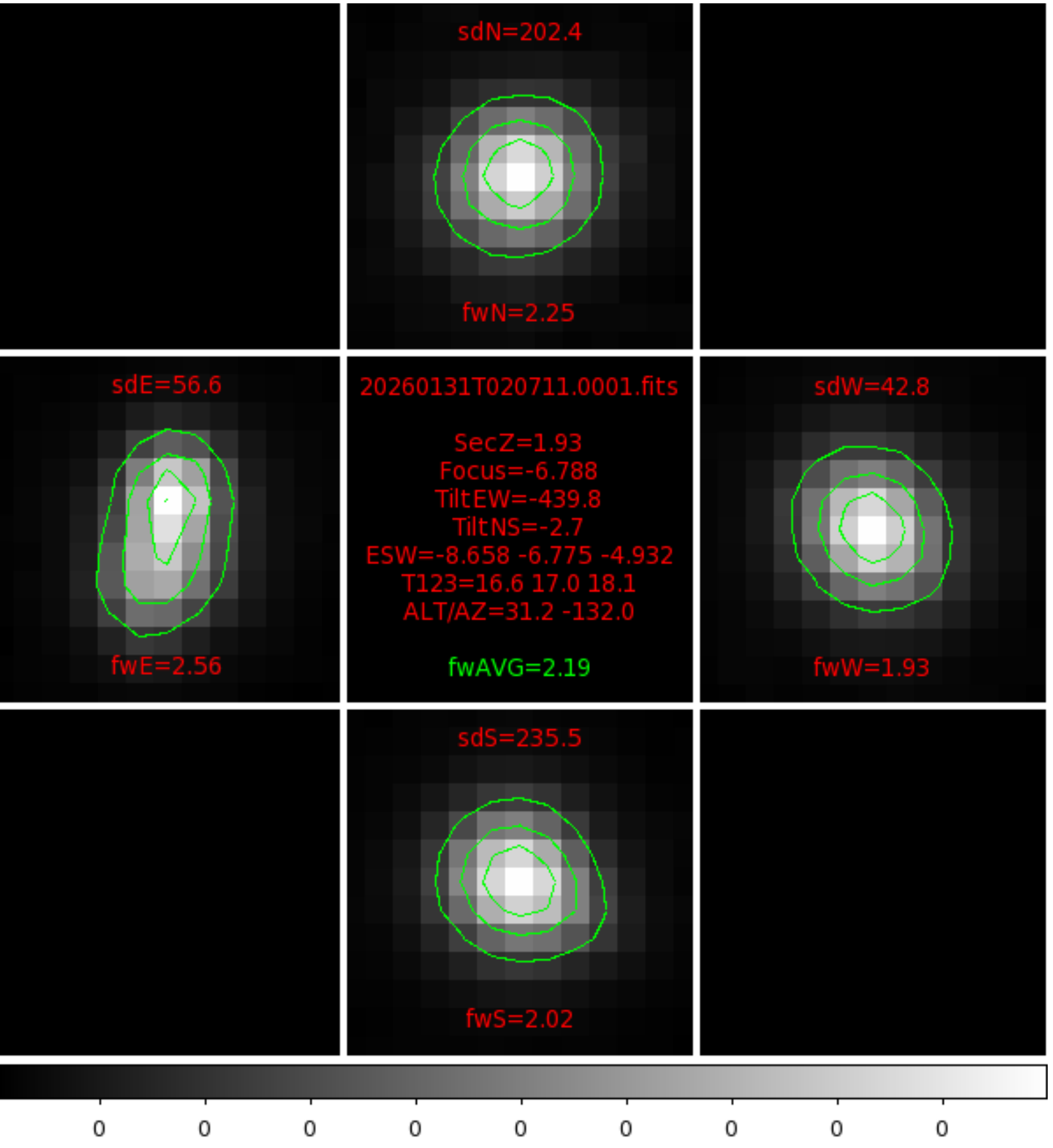
sdN=202.4
fwN=2.25
sdE=56.6
fwE=2.56
20260131T020711.0001.fits
SecZ=1.93
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.6 17.0 18.1
ALT/AZ=31.2 -132.0
fwAVG=2.19
sdW=42.8
fwW=1.93
sdS=235.5
fwS=2.02
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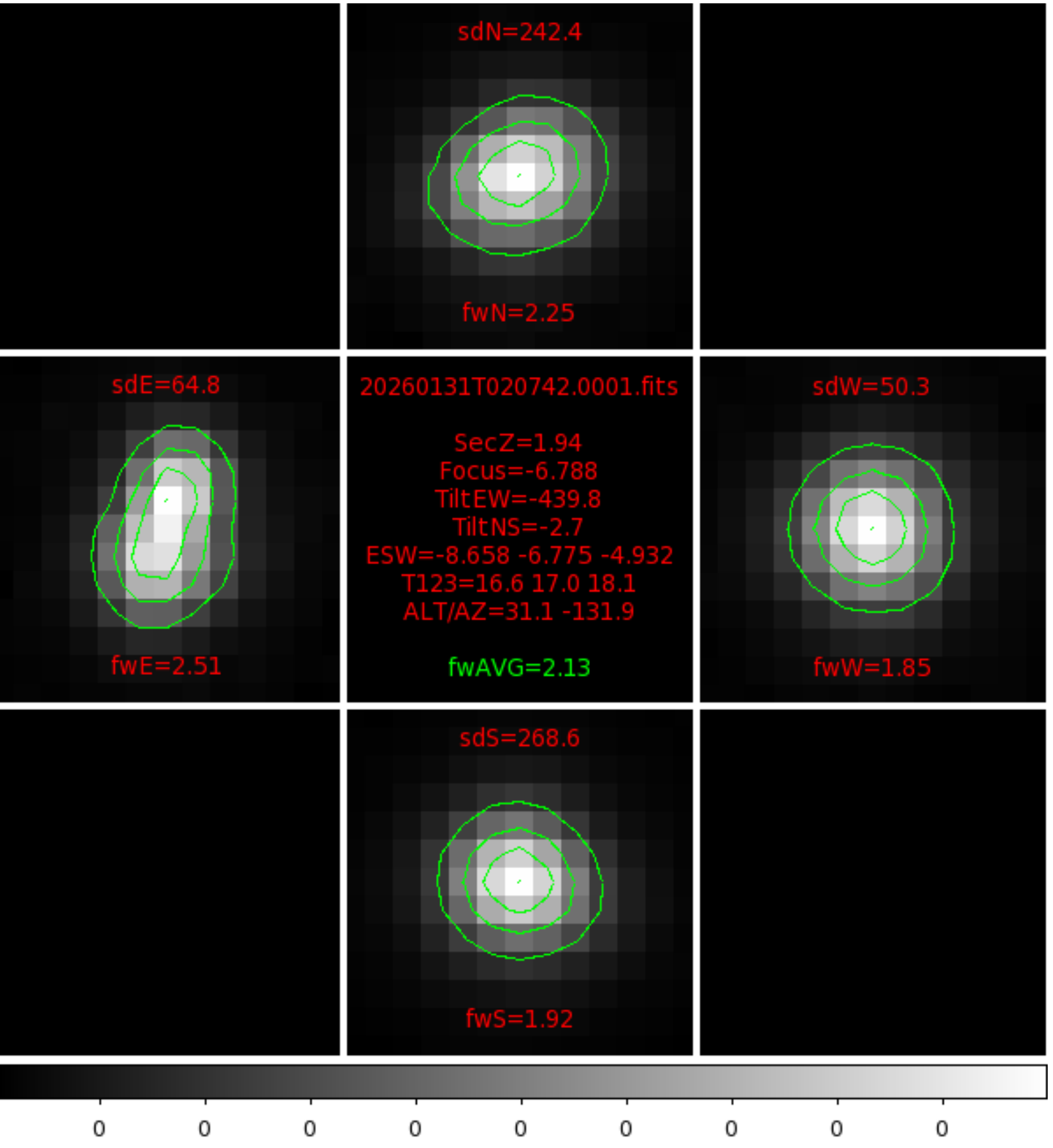
sdN=242.4
fwN=2.25
sdE=64.8
fwE=2.51
20260131T020742.0001.fits
SecZ=1.94
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.6 17.0 18.1
ALT/AZ=31.1 -131.9
fwAVG=2.13
sdW=50.3
fwW=1.85
sdS=268.6
fwS=1.92
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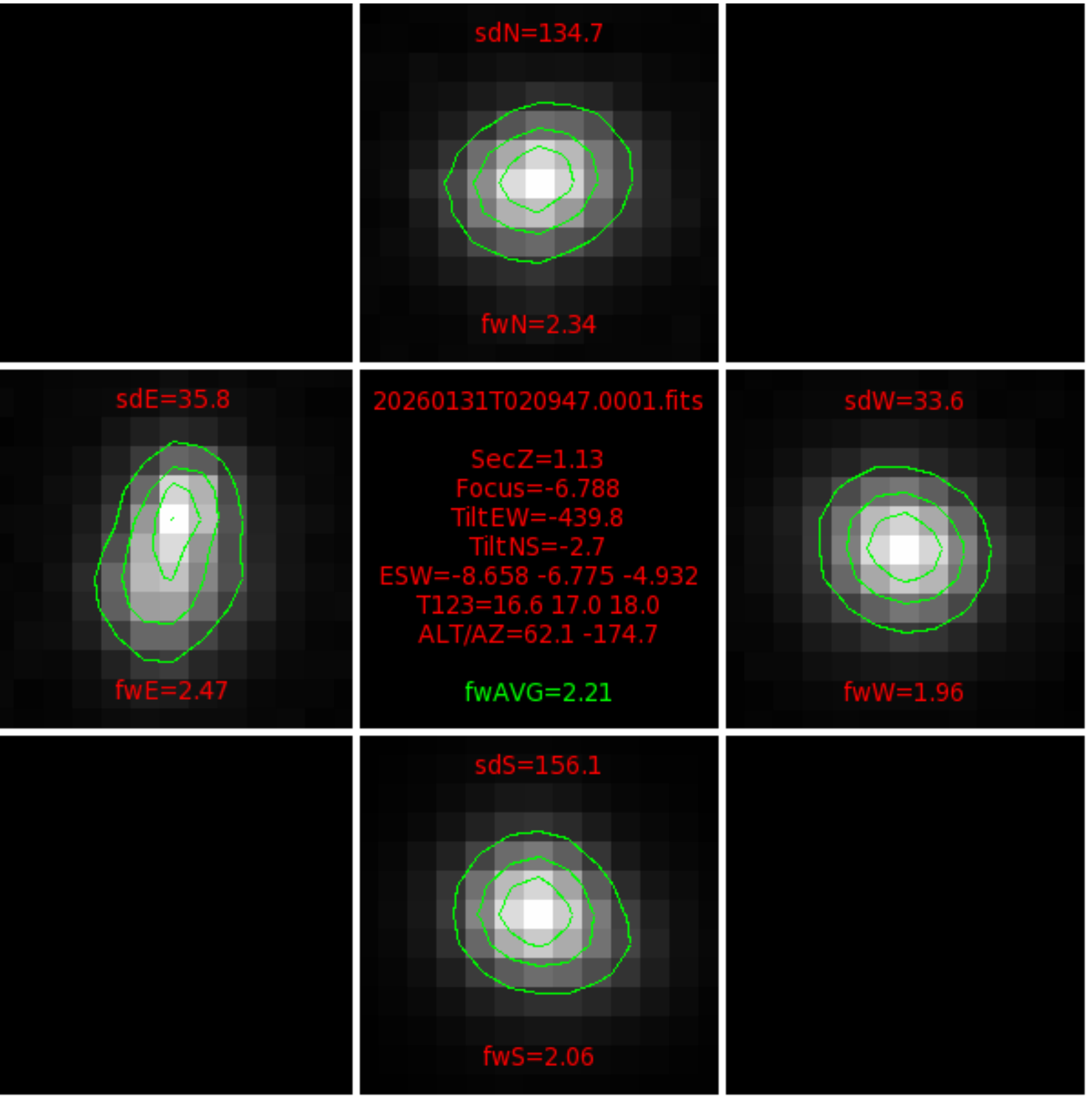
sdN=134.7
fwN=2.34
sdE=35.8
fwE=2.47
20260131T020947.0001.fits
SecZ=1.13
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.6 17.0 18.0
ALT/AZ=62.1 -174.7
fwAVG=2.21
sdW=33.6
fwW=1.96
sdS=156.1
fwS=2.06
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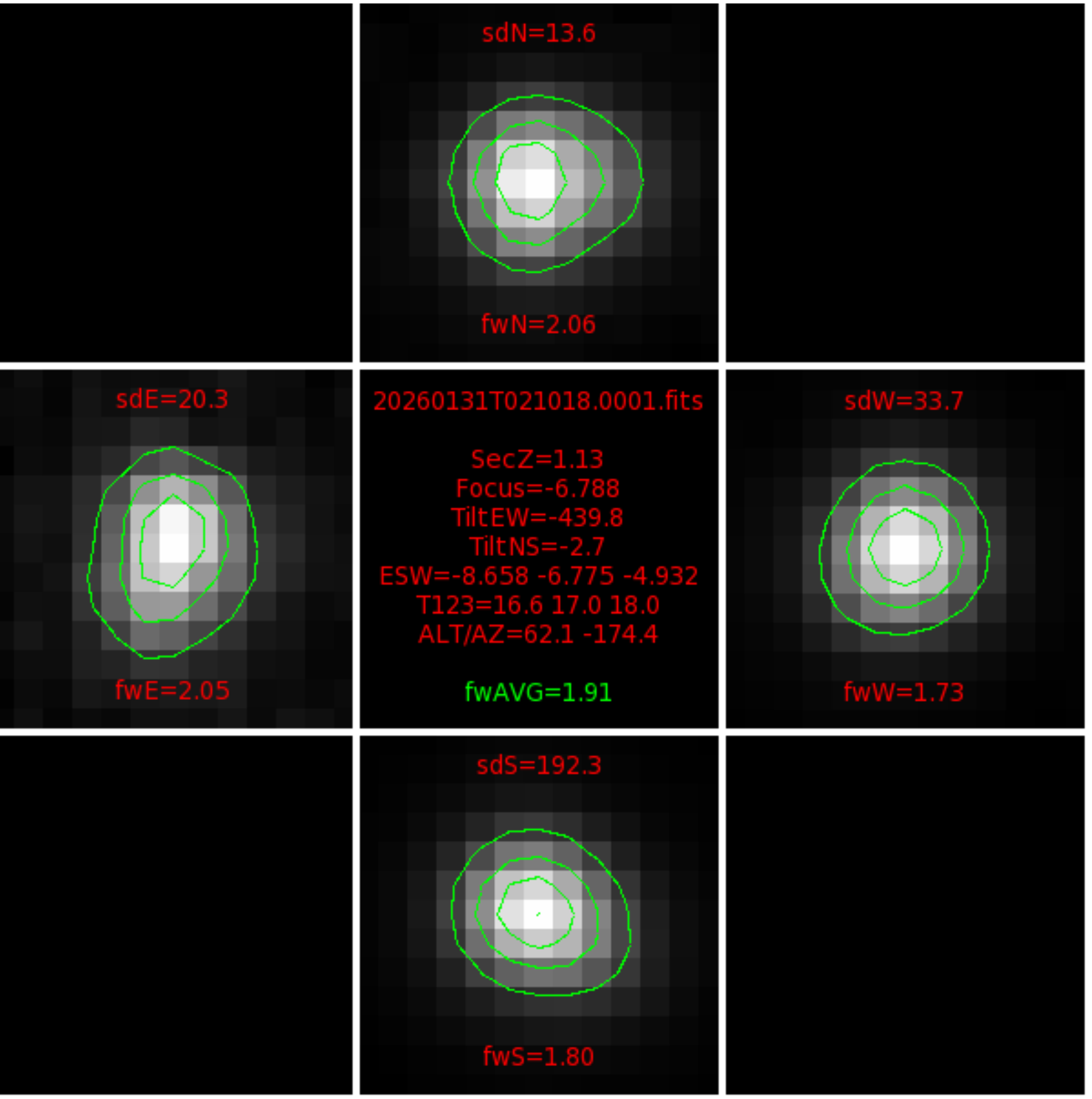
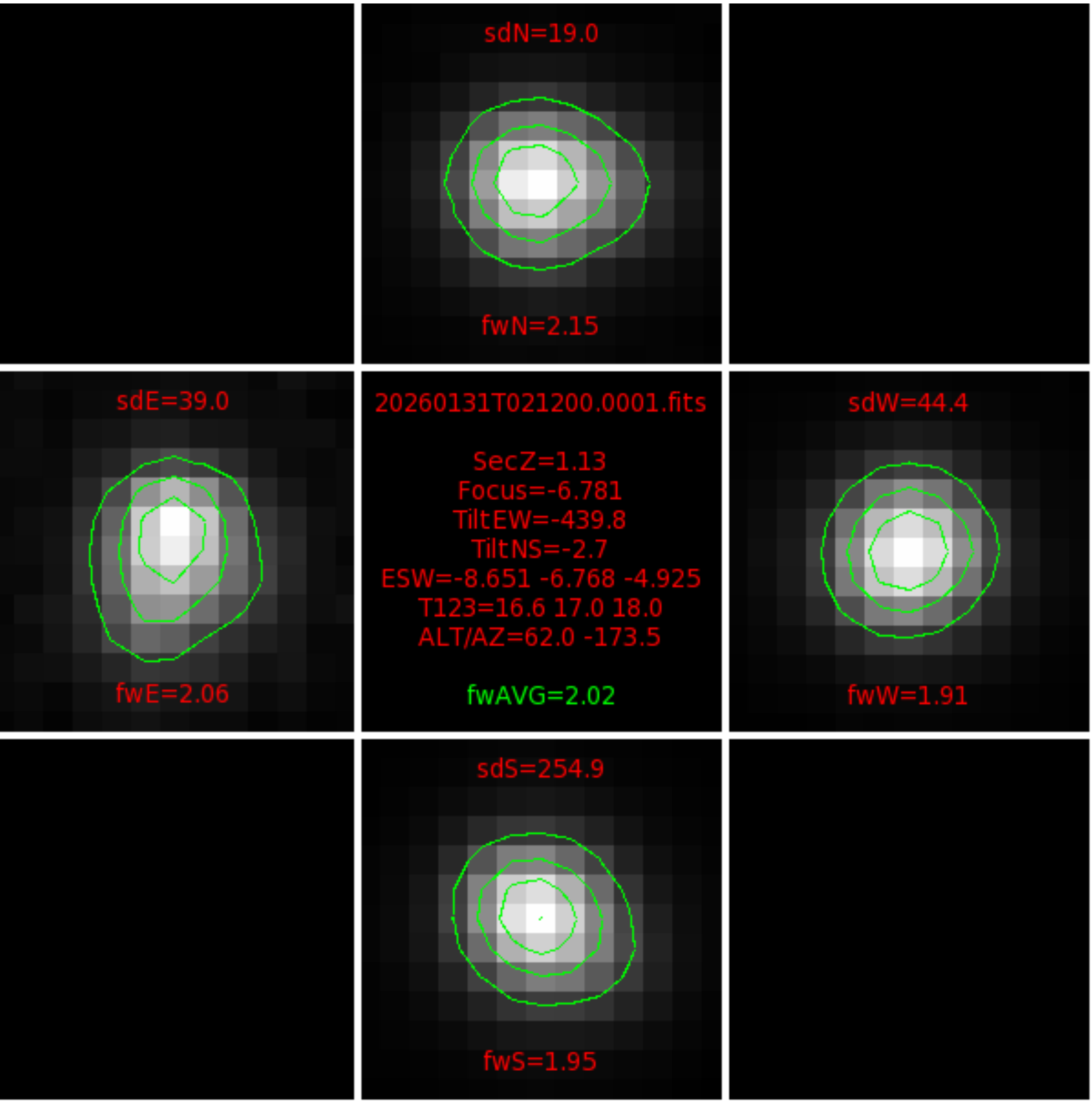

sdN=13.6
fwN=2.06
sdE=20.3
fwE=2.05
20260131T021018.0001.fits
SecZ=1.13
Focus=-6.788
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.658 -6.775 -4.932
T123=16.6 17.0 18.0
ALT/AZ=62.1 -174.4
fwAVG=1.91
sdW=33.7
fwW=1.73
sdS=192.3
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=19.0
fwN=2.15
sdE=39.0
fwE=2.06
20260131T021200.0001.fits
SecZ=1.13
Focus=-6.781
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.651 -6.768 -4.925
T123=16.6 17.0 18.0
ALT/AZ=62.0 -173.5
fwAVG=2.02
sdW=44.4
fwW=1.91
sdS=254.9
fwS=1.95
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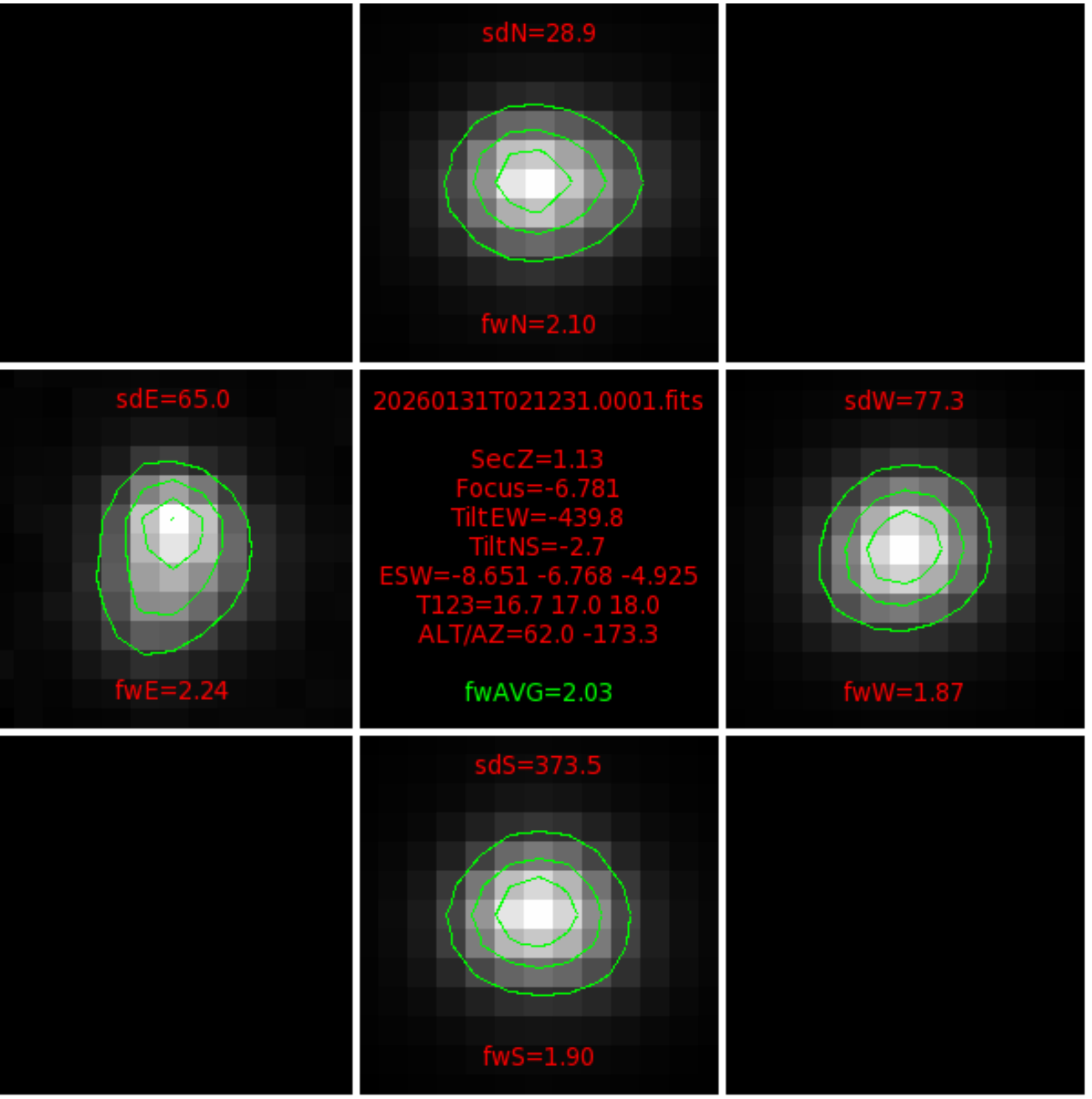
sdN=28.9
fwN=2.10
sdE=65.0
fwE=2.24
20260131T021231.0001.fits
SecZ=1.13
Focus=-6.781
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.651 -6.768 -4.925
T123=16.7 17.0 18.0
ALT/AZ=62.0 -173.3
fwAVG=2.03
sdW=77.3
fwW=1.87
sdS=373.5
fwS=1.90
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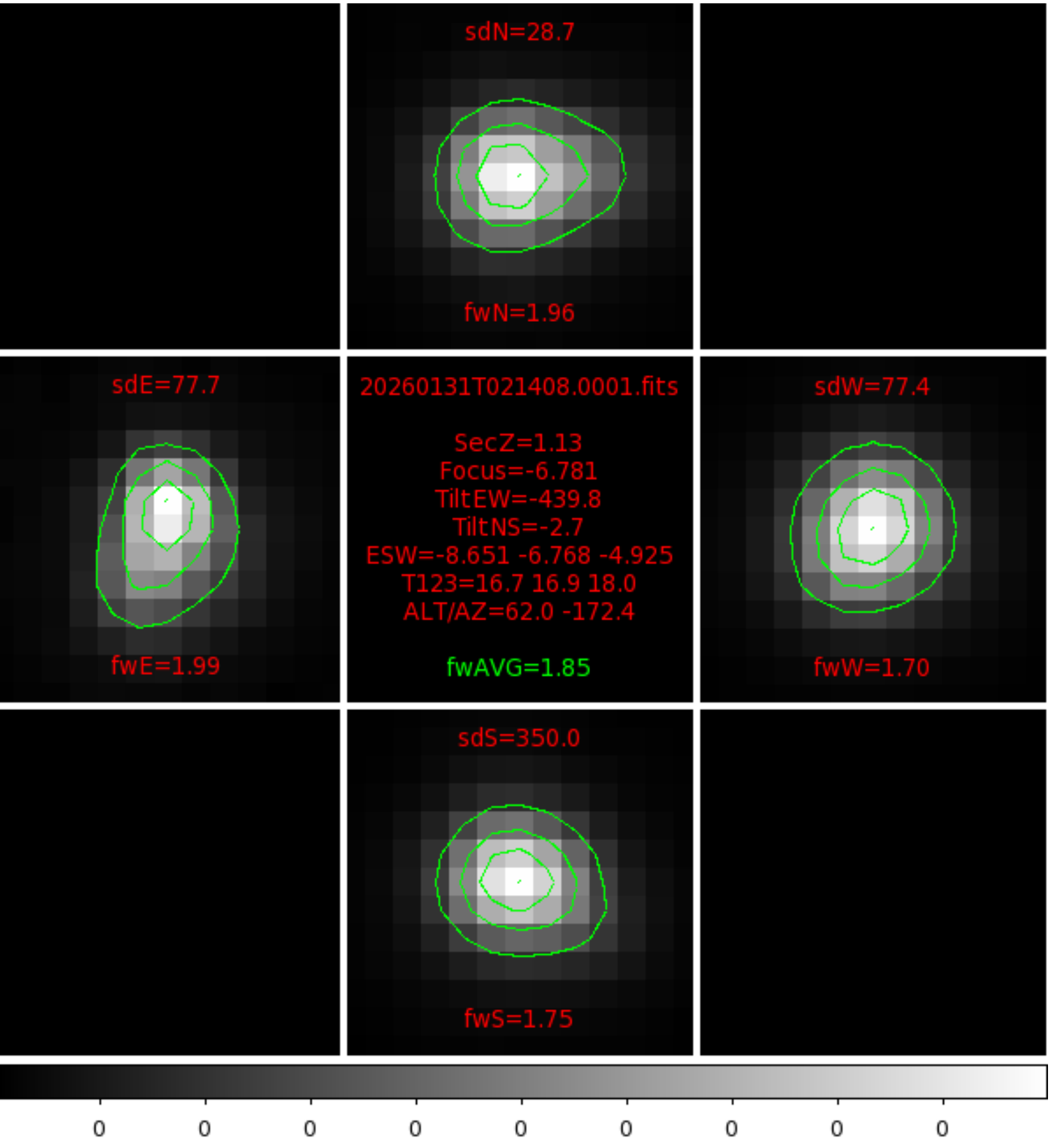
sdN=28.7
fwN=1.96
sdE=77.7
fwE=1.99
20260131T021408.0001.fits
SecZ=1.13
Focus=-6.781
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.651 -6.768 -4.925
T123=16.7 16.9 18.0
ALT/AZ=62.0 -172.4
fwAVG=1.85
sdW=77.4
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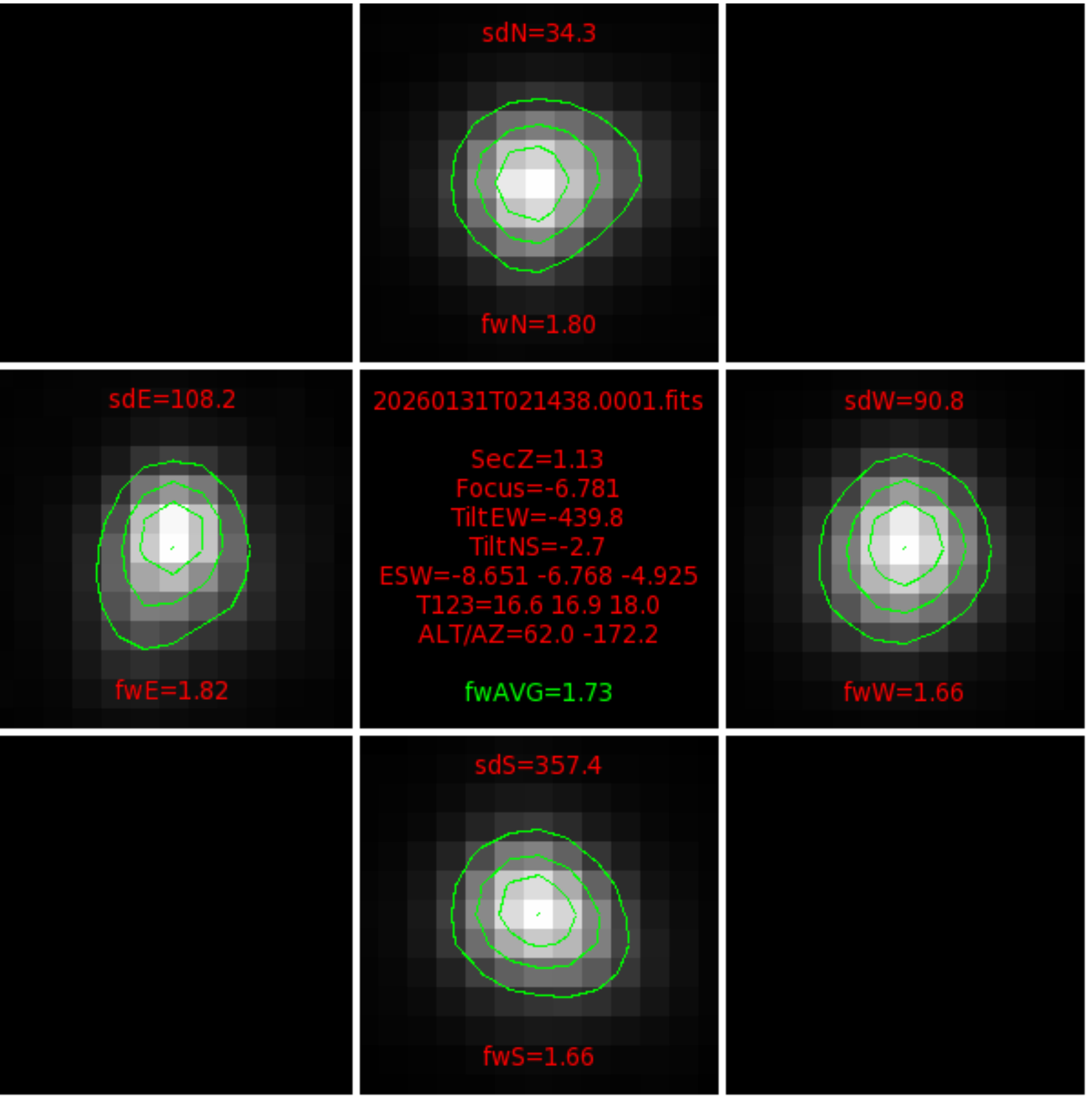
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=34.3
fwN=1.80
sdE=108.2
fwE=1.82
20260131T021438.0001.fits
SecZ=1.13
Focus=-6.781
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.651 -6.768 -4.925
T123=16.6 16.9 18.0
ALT/AZ=62.0 -172.2
fwAVG=1.73
sdW=90.8
fwW=1.66
sdS=357.4
fwS=1.66
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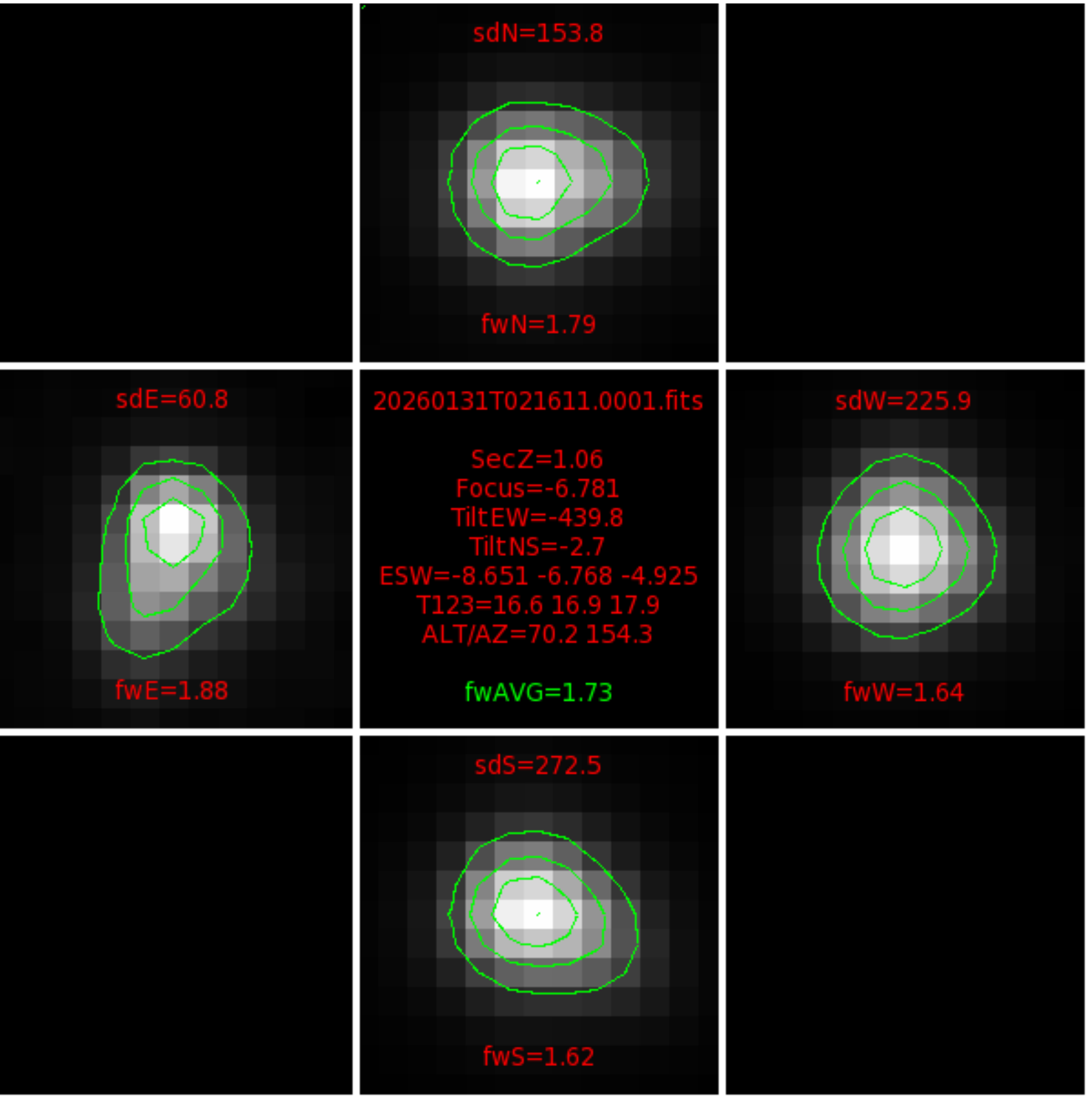
sdN=153.8
fwN=1.79
sdE=60.8
fwE=1.88
20260131T021611.0001.fits
SecZ=1.06
Focus=-6.781
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.651 -6.768 -4.925
T123=16.6 16.9 17.9
ALT/AZ=70.2 154.3
fwAVG=1.73
sdW=225.9
fwW=1.64
sdS=272.5
fwS=1.62
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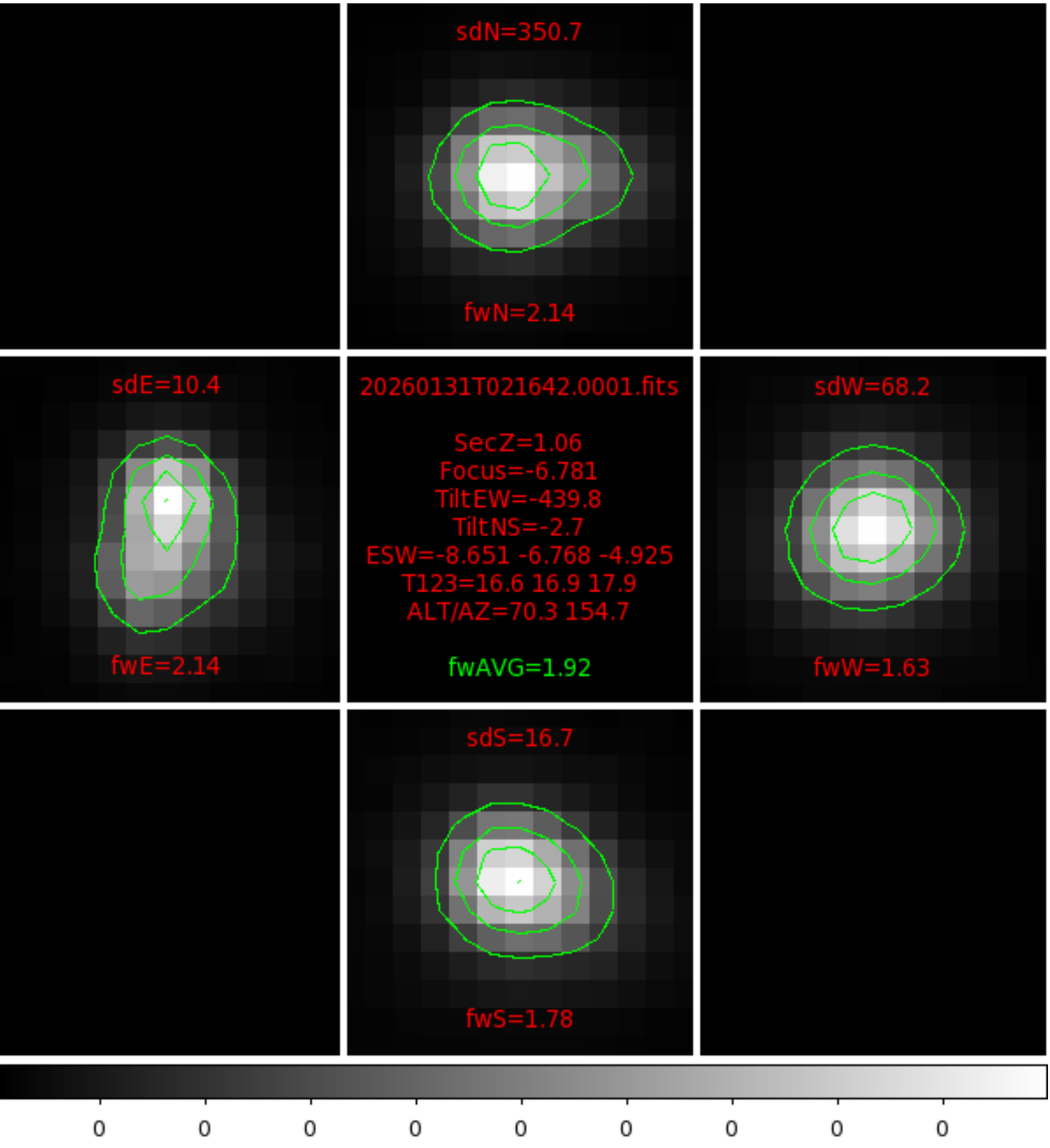
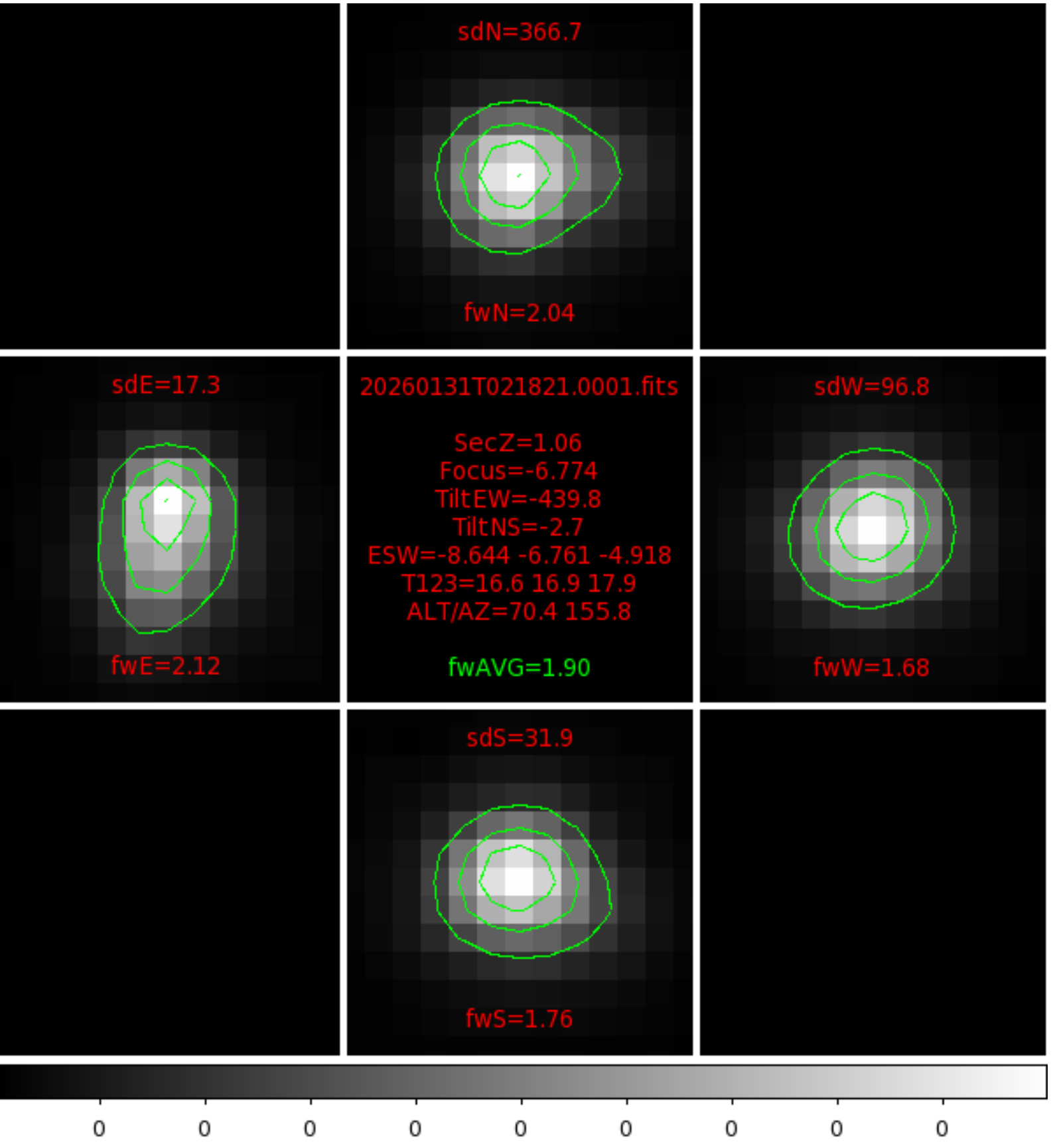

sdN=350.7
fwN=2.14
sdE=10.4
fwE=2.14
20260131T021642.0001.fits
SecZ=1.06
Focus=-6.781
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.651 -6.768 -4.925
T123=16.6 16.9 17.9
ALT/AZ=70.3 154.7
fwAVG=1.92
sdW=68.2
fwW=1.63
sdS=16.7
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=366.7
fwN=2.04
sdE=17.3
fwE=2.12
20260131T021821.0001.fits
SecZ=1.06
Focus=-6.774
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.644 -6.761 -4.918
T123=16.6 16.9 17.9
ALT/AZ=70.4 155.8
fwAVG=1.90
sdW=96.8
fwW=1.68
sdS=31.9
fwS=1.76
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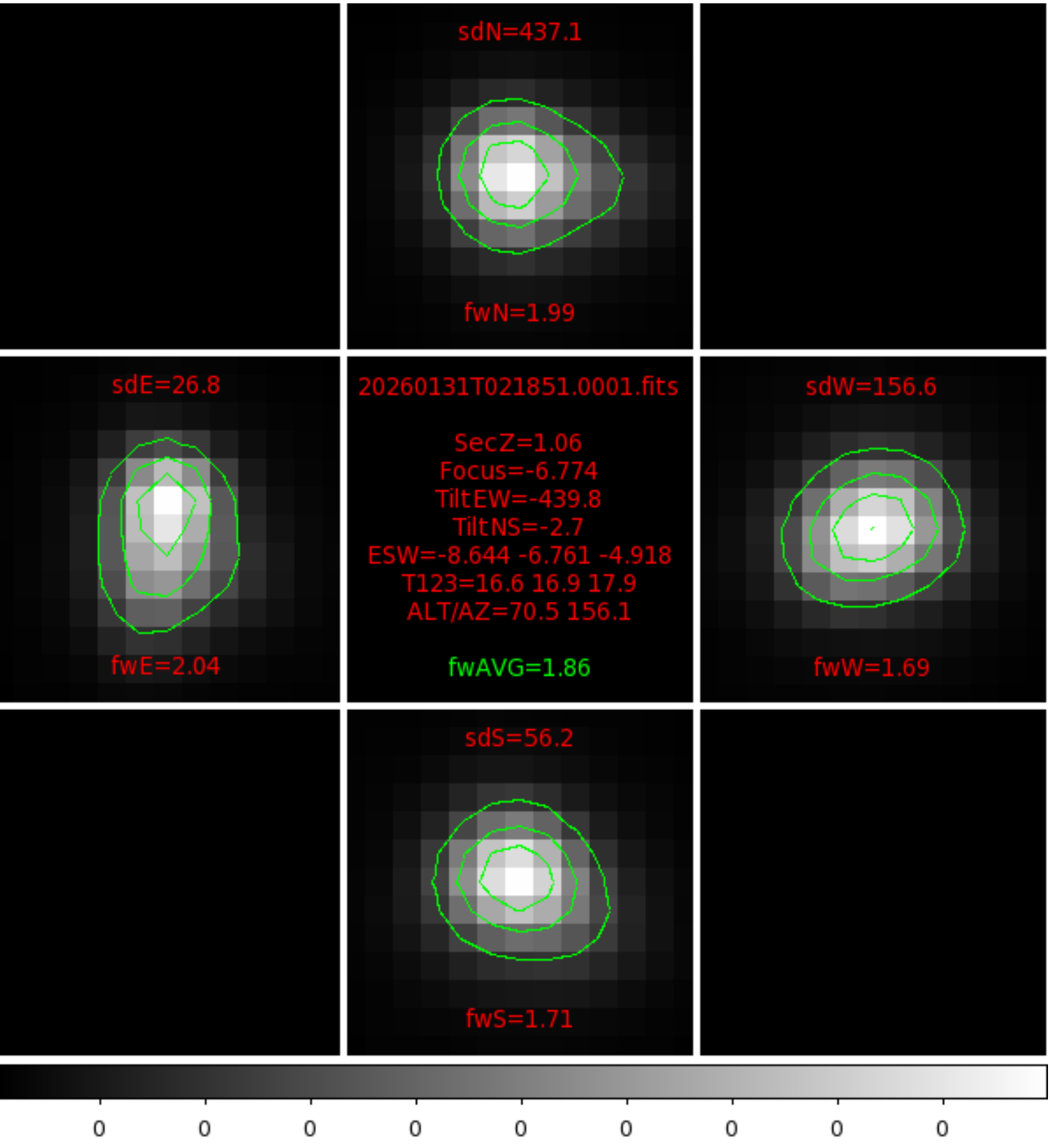
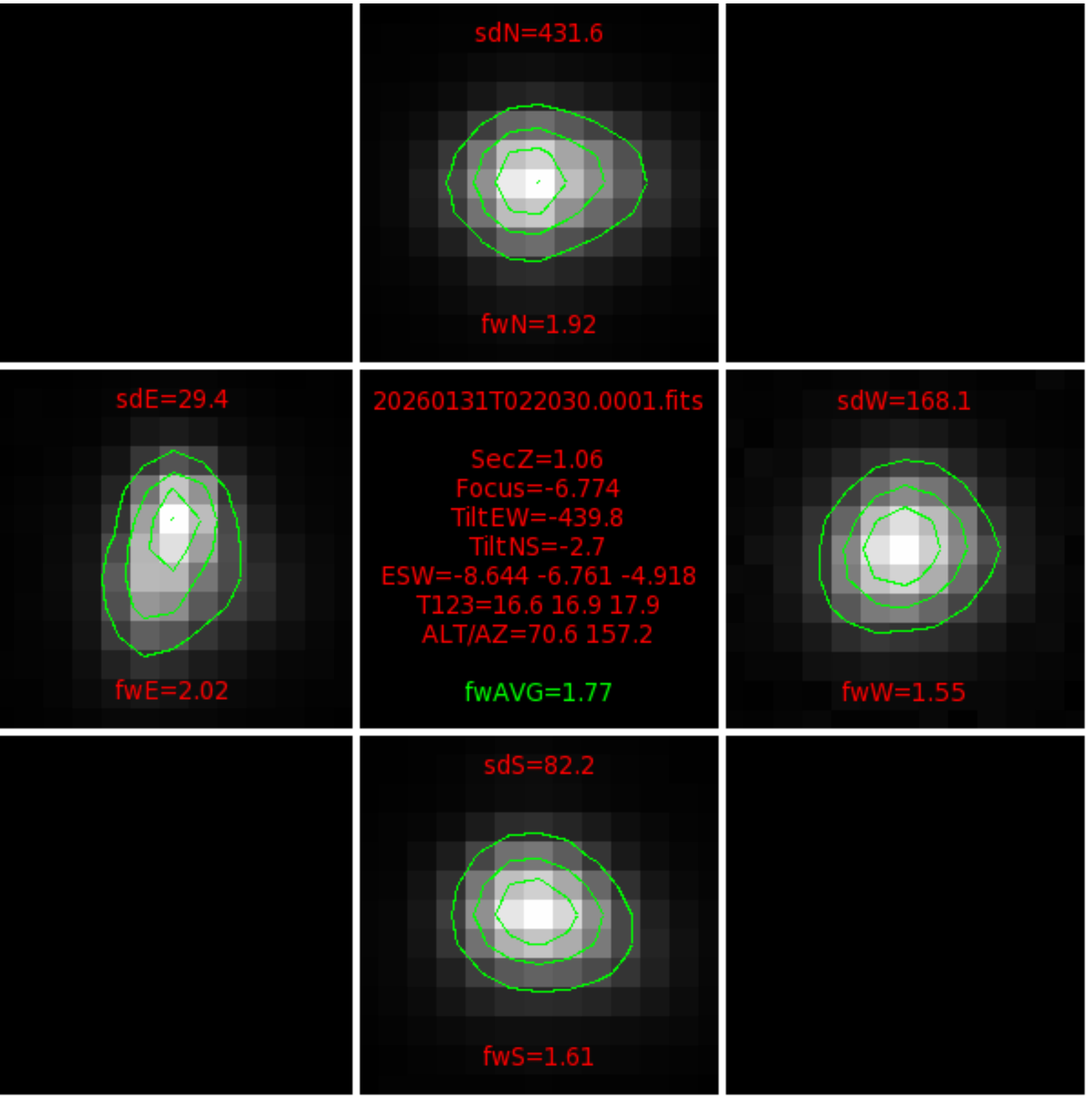
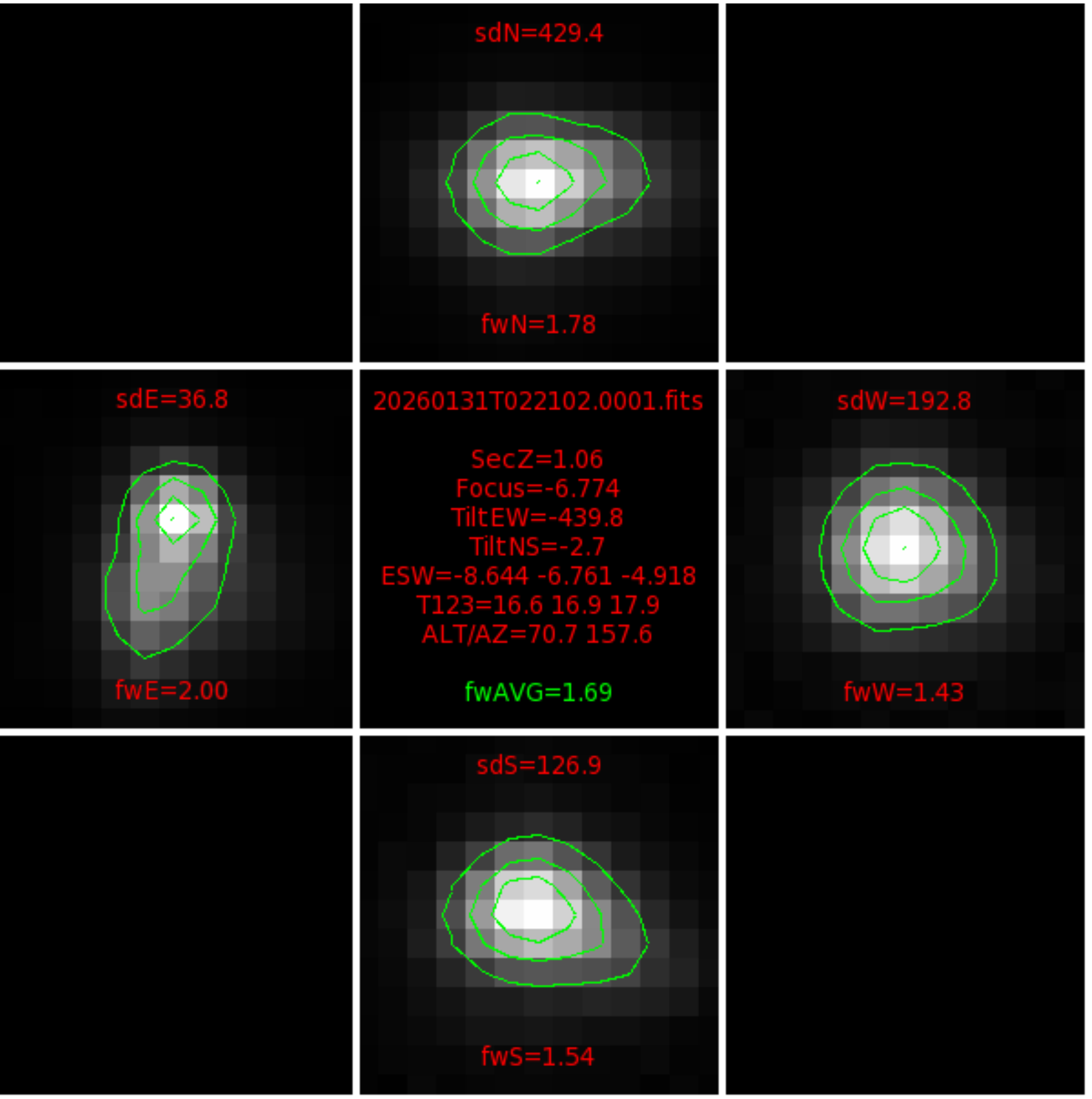

sdN=437.1
fwN=1.99
sdE=26.8
fwE=2.04
20260131T021851.0001.fits
SecZ=1.06
Focus=-6.774
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.644 -6.761 -4.918
T123=16.6 16.9 17.9
ALT/AZ=70.5 156.1
fwAVG=1.86
sdW=156.6
fwW=1.69
sdS=56.2
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=431.6
fwN=1.92
sdE=29.4
fwE=2.02
20260131T022030.0001.fits
SecZ=1.06
Focus=-6.774
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.644 -6.761 -4.918
T123=16.6 16.9 17.9
ALT/AZ=70.6 157.2
fwAVG=1.77
sdW=168.1
fwW=1.55
sdS=82.2
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=429.4
fwN=1.78
sdE=36.8
fwE=2.00
20260131T022102.0001.fits
SecZ=1.06
Focus=-6.774
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.644 -6.761 -4.918
T123=16.6 16.9 17.9
ALT/AZ=70.7 157.6
fwAVG=1.69
sdW=192.8
fwW=1.43
sdS=126.9
fwS=1.54
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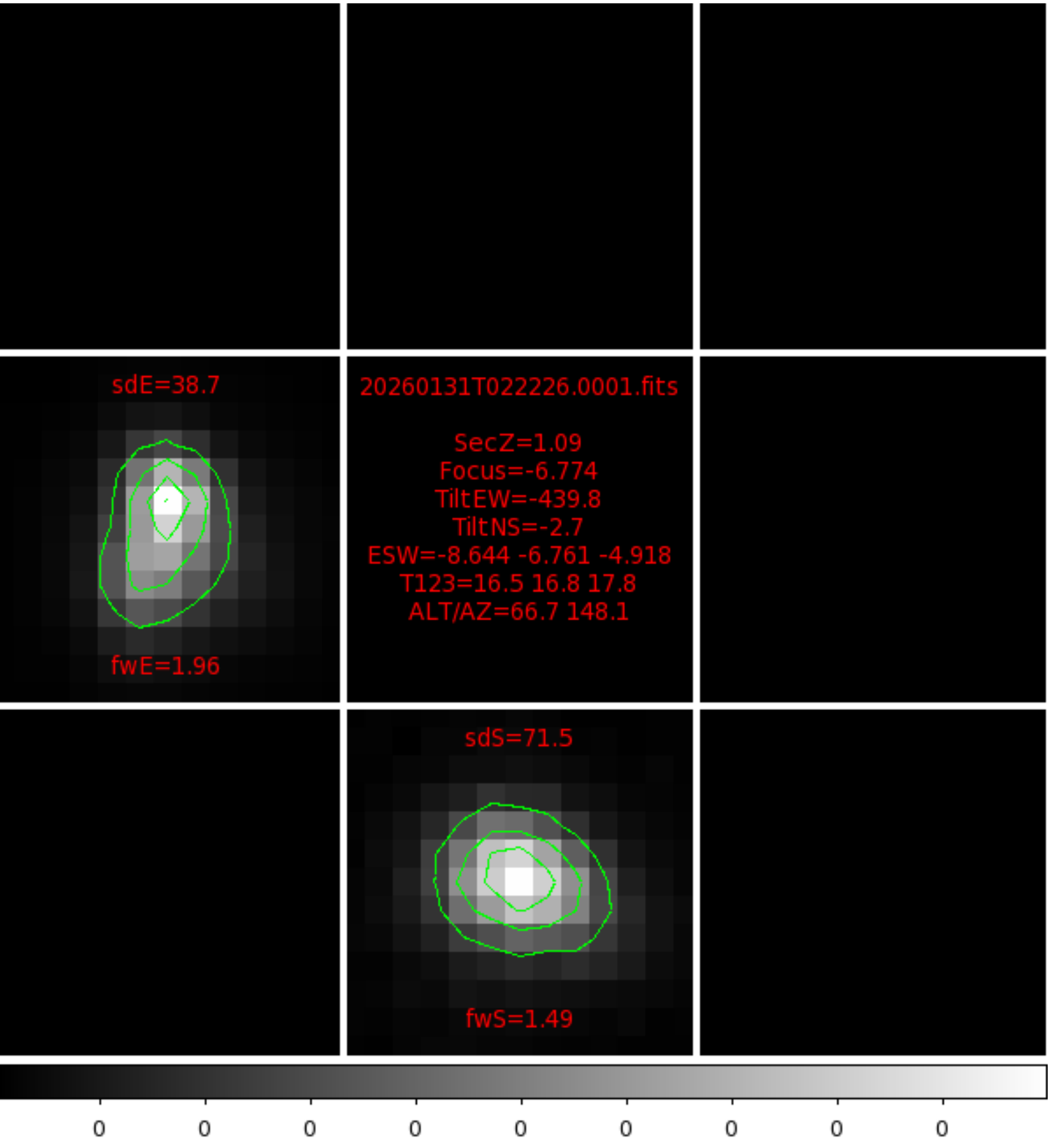
sdE=38.7
20260131T022226.0001.fits
SecZ=1.09
Focus=-6.774
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.644 -6.761 -4.918
T123=16.5 16.8 17.8
ALT/AZ=66.7 148.1
fwE=1.96
sdS=71.5
fwS=1.49
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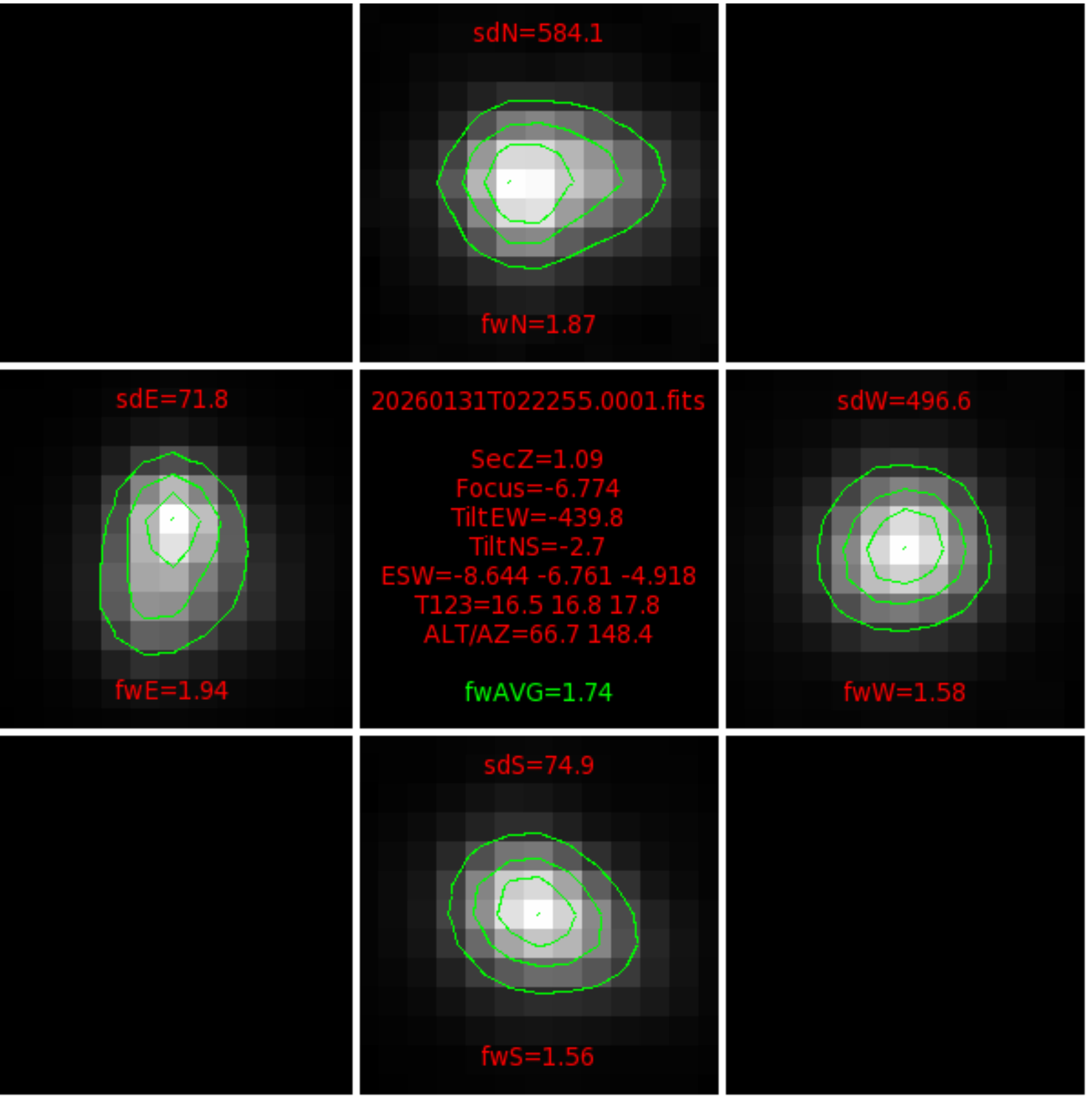
sdN=584.1
fwN=1.87
sdE=71.8
fwE=1.94
20260131T022255.0001.fits
SecZ=1.09
Focus=-6.774
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.644 -6.761 -4.918
T123=16.5 16.8 17.8
ALT/AZ=66.7 148.4
fwAVG=1.74
sdW=496.6
fwW=1.58
sdS=74.9
fwS=1.56
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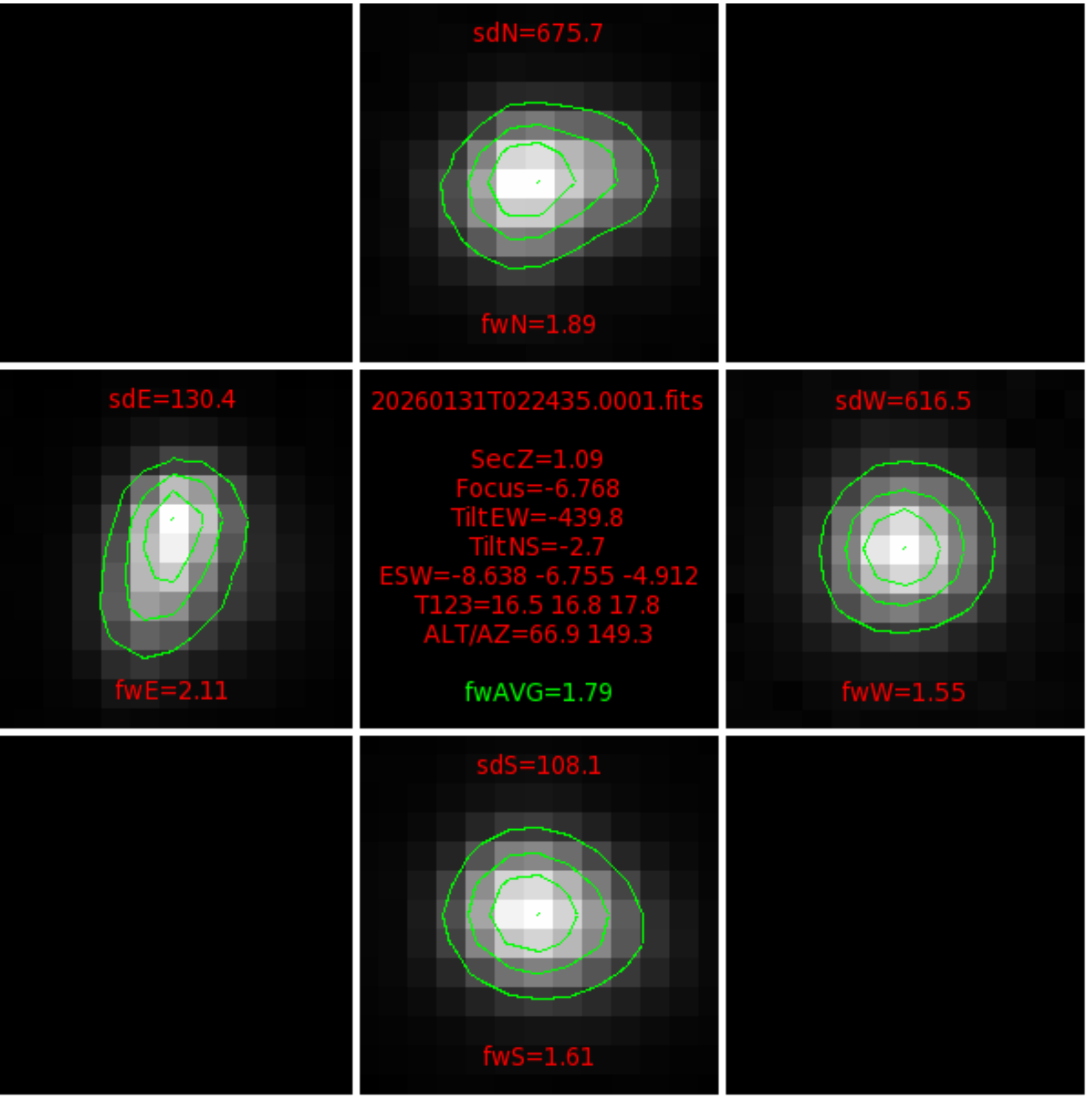
sdN=675.7
fwN=1.89
sdE=130.4
fwE=2.11
20260131T022435.0001.fits
SecZ=1.09
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.5 16.8 17.8
ALT/AZ=66.9 149.3
fwAVG=1.79
sdW=616.5
fwW=1.55
sdS=108.1
fwS=1.61
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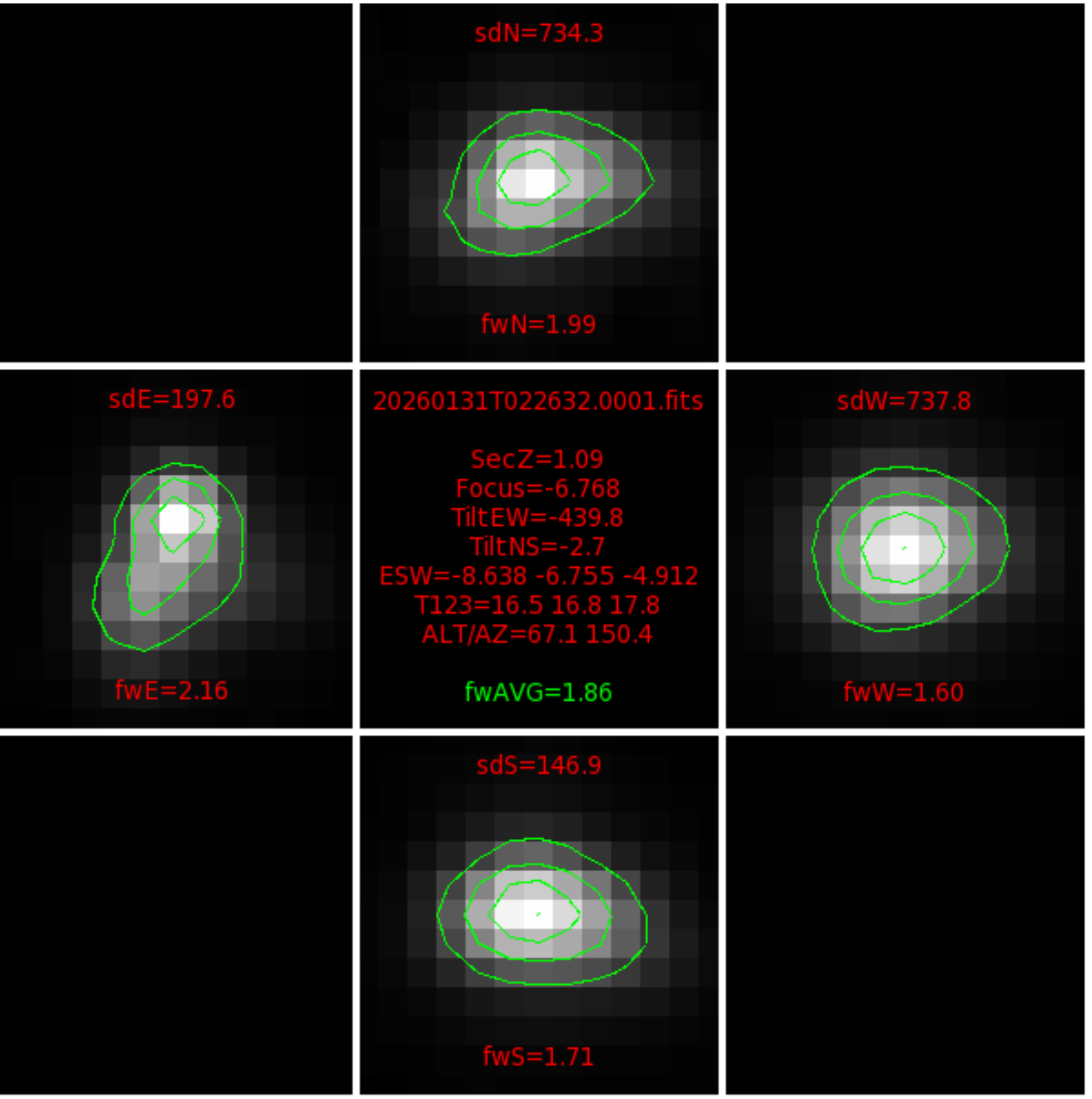
sdN=734.3
fwN=1.99
sdE=197.6
fwE=2.16
20260131T022632.0001.fits
SecZ=1.09
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.5 16.8 17.8
ALT/AZ=67.1 150.4
fwAVG=1.86
sdW=737.8
fwW=1.60
sdS=146.9
fwS=1.71
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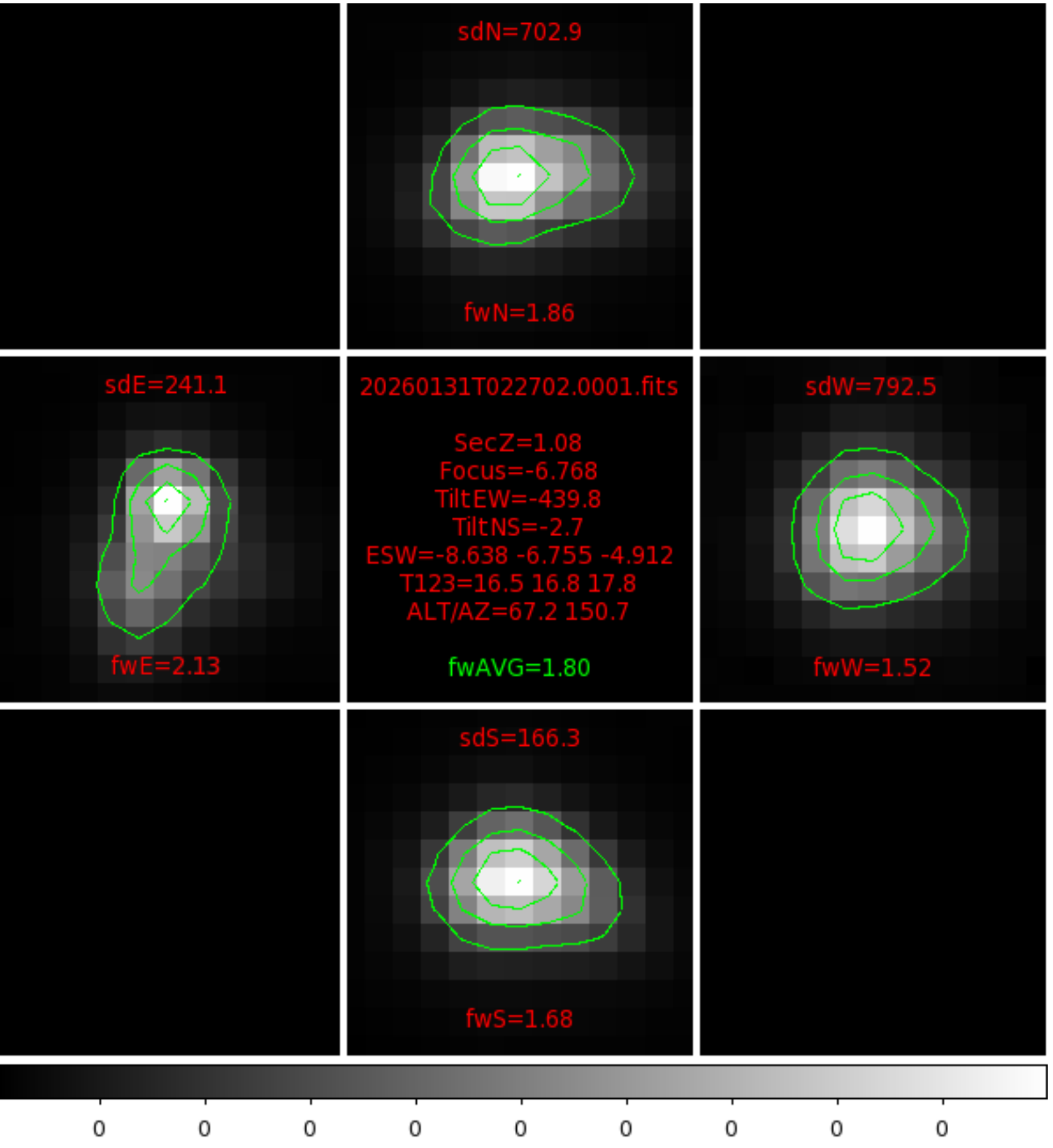
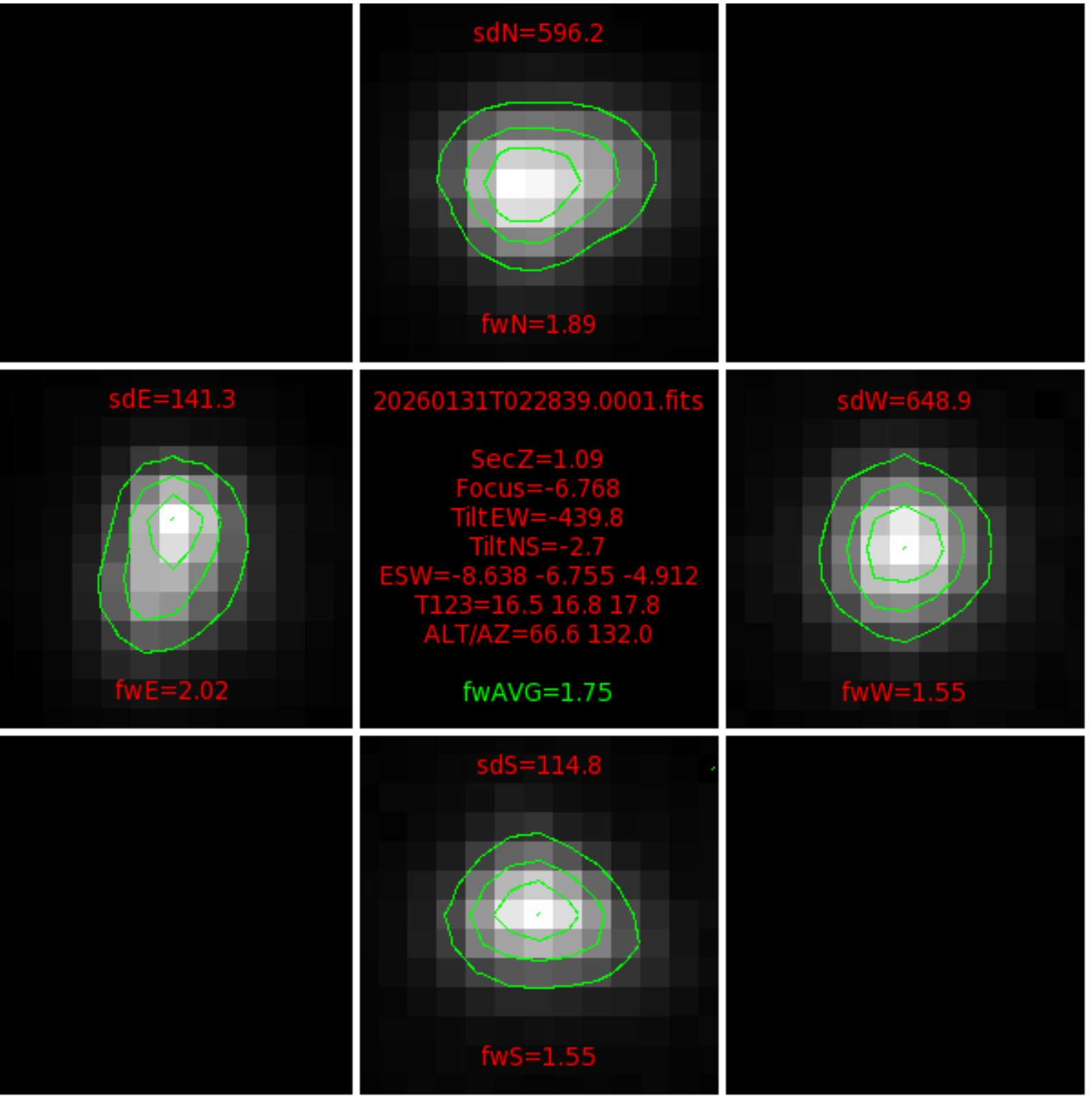
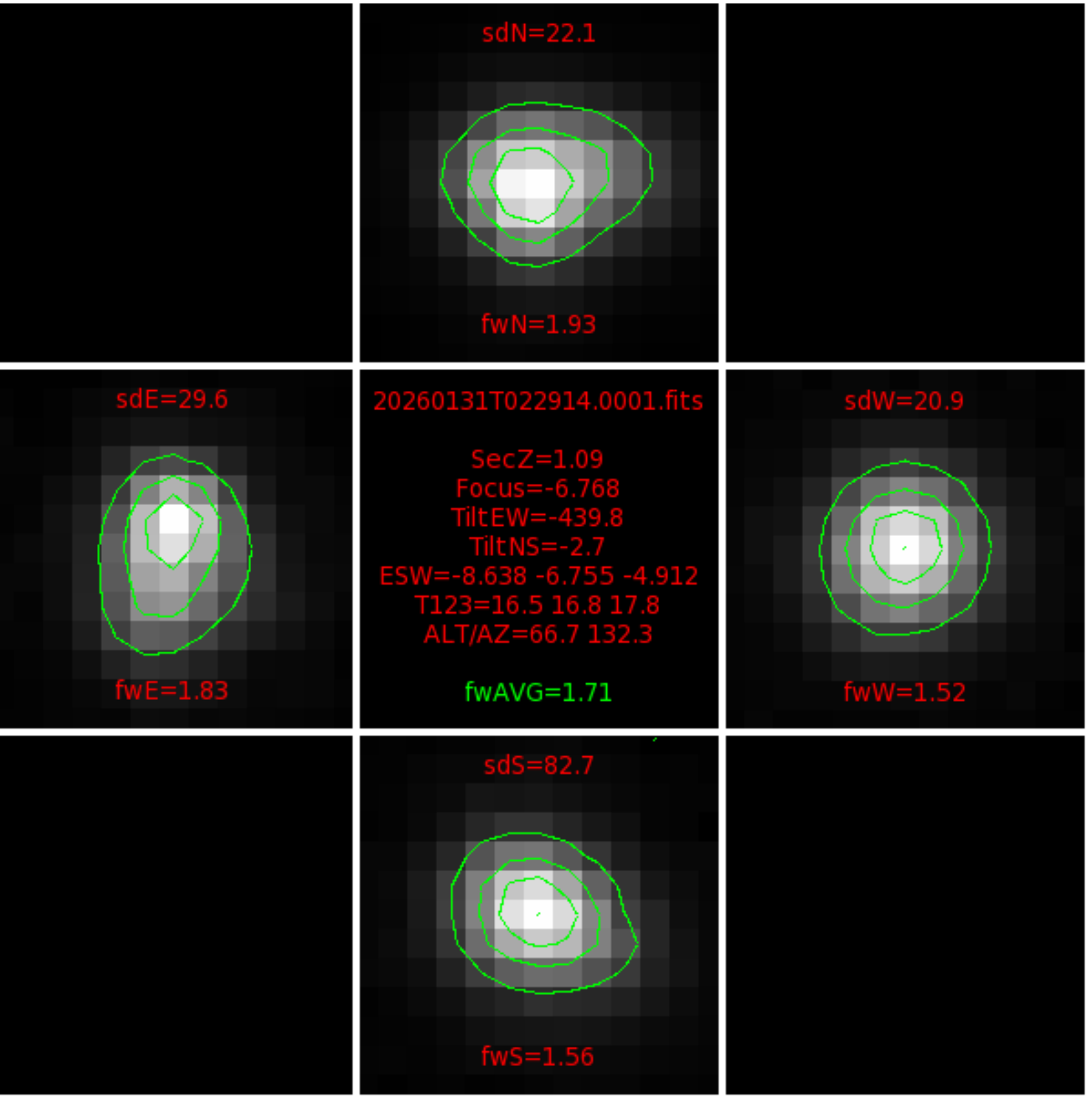
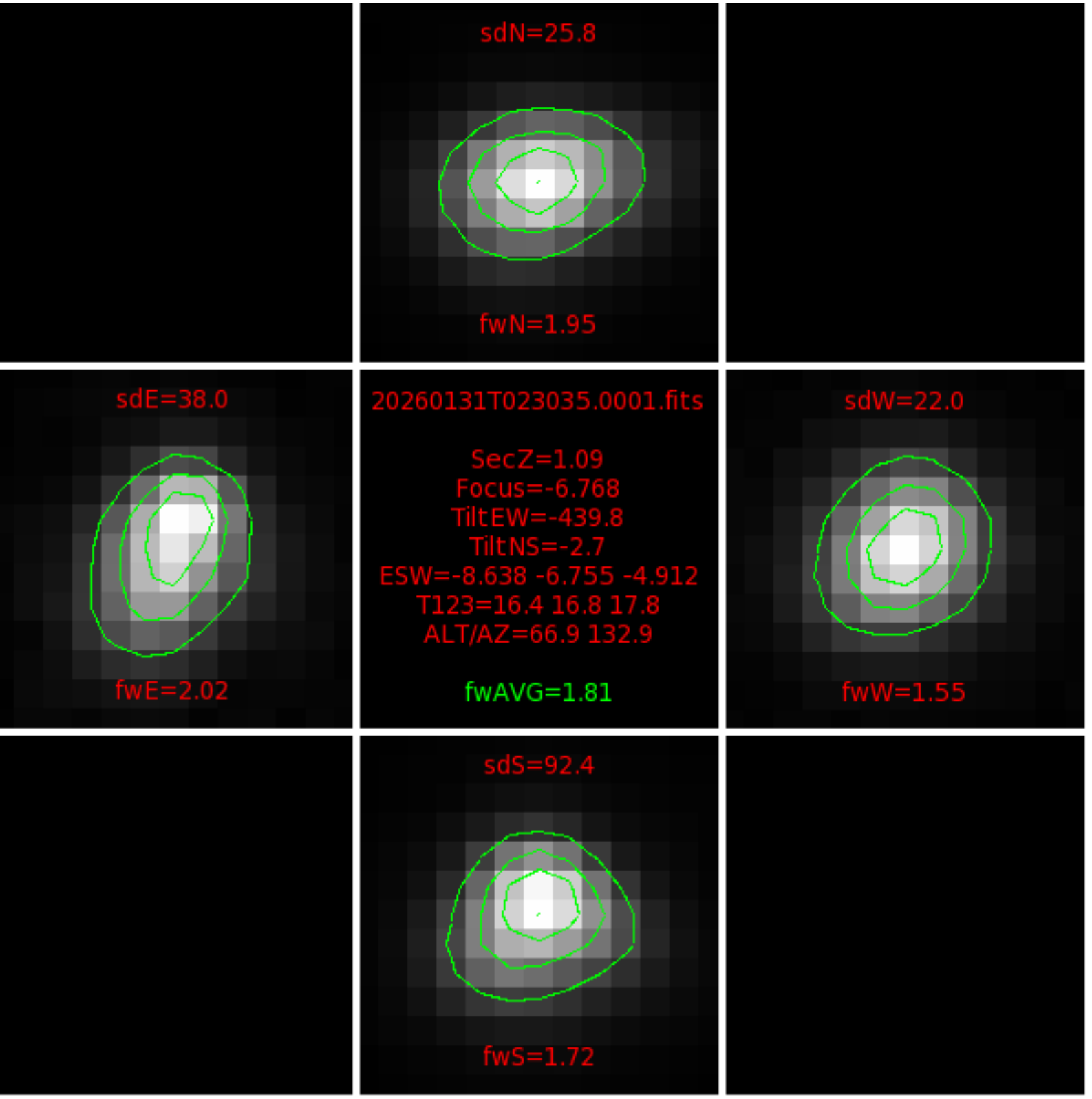

sdN=702.9
fwN=1.86
sdE=241.1
fwE=2.13
20260131T022702.0001.fits
SecZ=1.08
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.5 16.8 17.8
ALT/AZ=67.2 150.7
fwAVG=1.80
sdW=792.5
fwW=1.52
sdS=166.3
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=596.2
fwN=1.89
sdE=141.3
fwE=2.02
20260131T022839.0001.fits
SecZ=1.09
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.5 16.8 17.8
ALT/AZ=66.6 132.0
fwAVG=1.75
sdW=648.9
fwW=1.55
sdS=114.8
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=22.1
fwN=1.93
sdE=29.6
fwE=1.83
20260131T022914.0001.fits
SecZ=1.09
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.5 16.8 17.8
ALT/AZ=66.7 132.3
fwAVG=1.71
sdW=20.9
fwW=1.52
sdS=82.7
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=25.8
fwN=1.95
sdE=38.0
fwE=2.02
20260131T023035.0001.fits
SecZ=1.09
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.4 16.8 17.8
ALT/AZ=66.9 132.9
fwAVG=1.81
sdW=22.0
fwW=1.55
sdS=92.4
fwS=1.72
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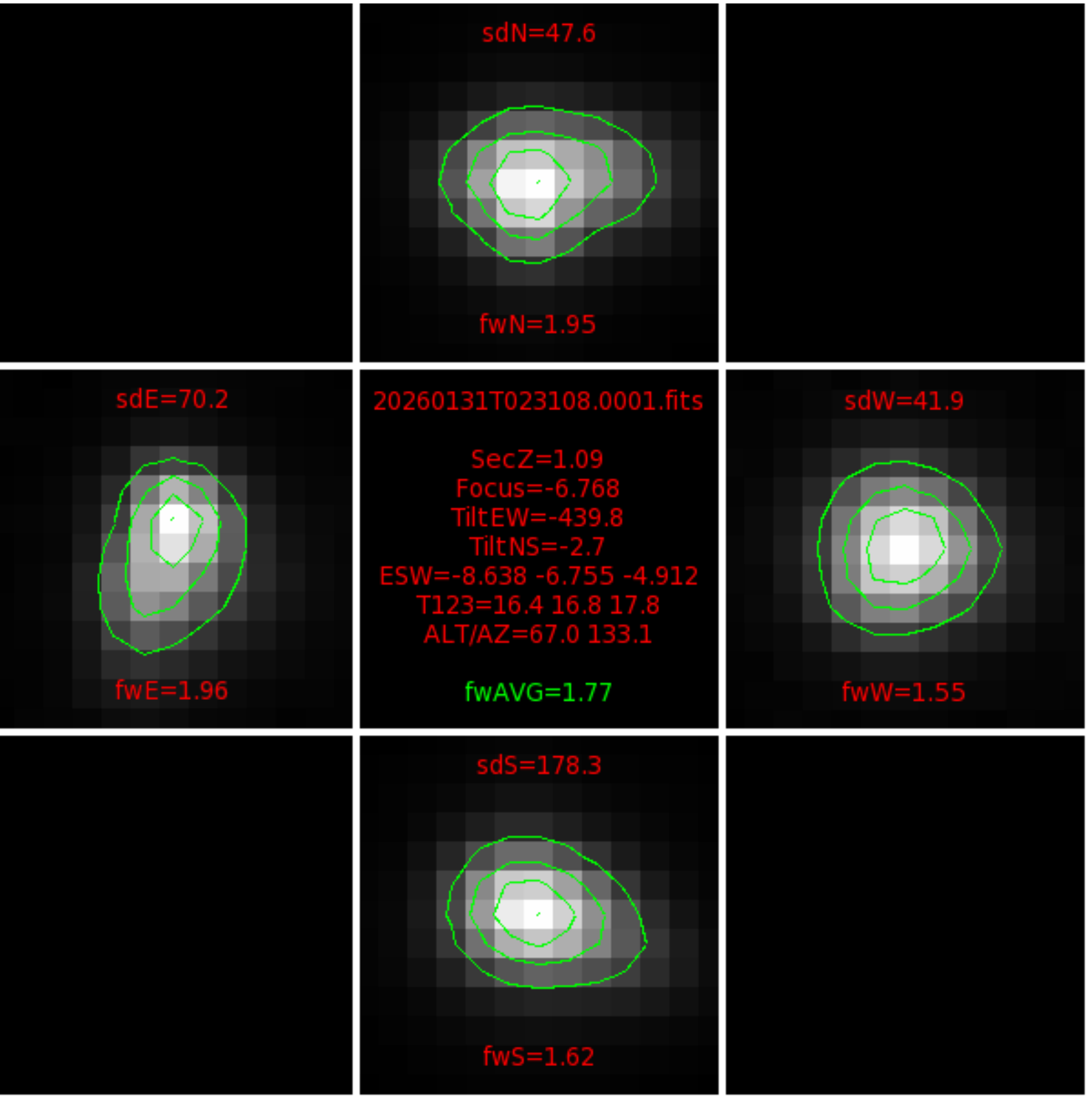
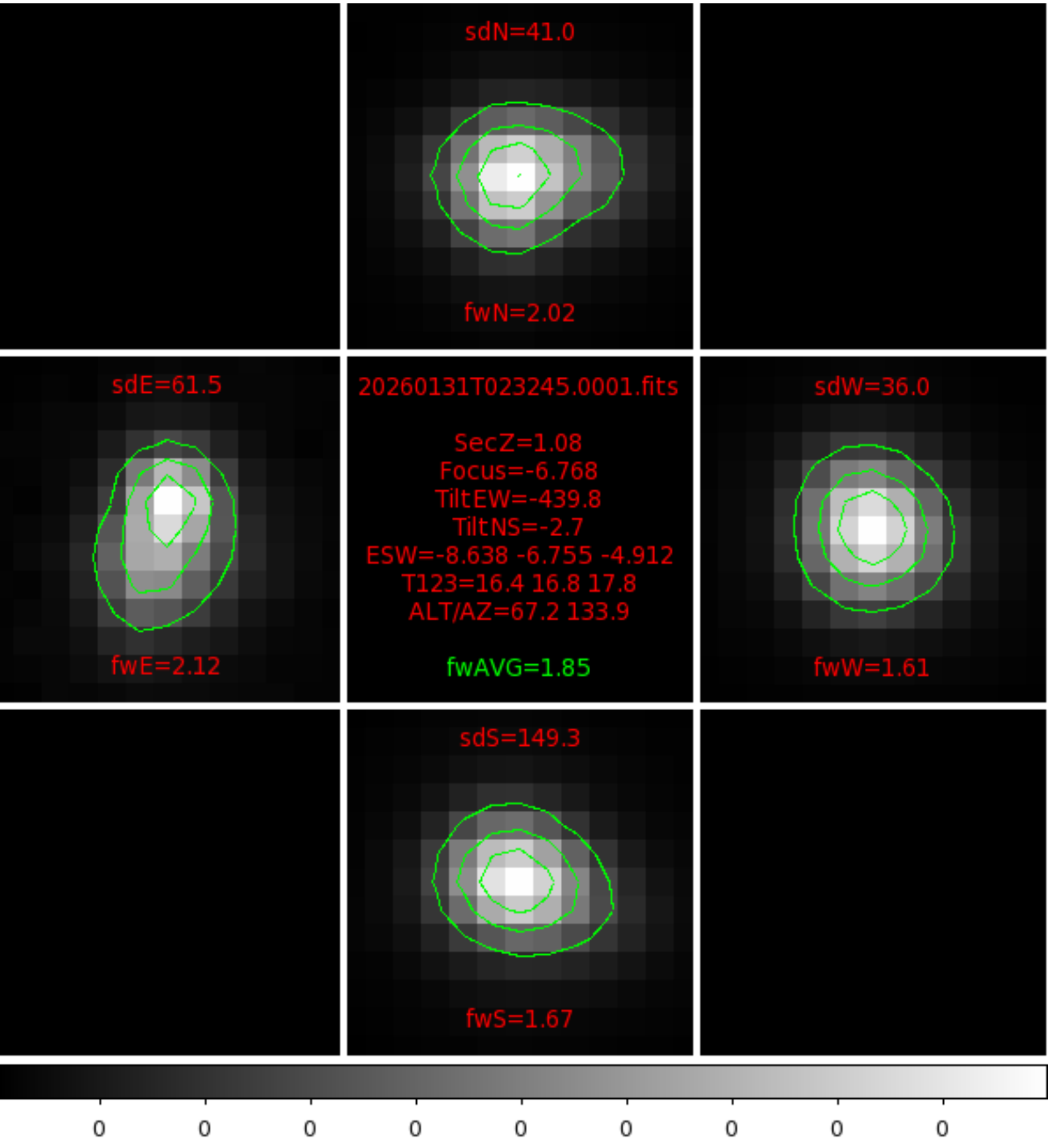

sdN=47.6
fwN=1.95
sdE=70.2
fwE=1.96
20260131T023108.0001.fits
SecZ=1.09
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.4 16.8 17.8
ALT/AZ=67.0 133.1
fwAVG=1.77
sdW=41.9
fwW=1.55
sdS=178.3
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=41.0
fwN=2.02
sdE=61.5
fwE=2.12
20260131T023245.0001.fits
SecZ=1.08
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.4 16.8 17.8
ALT/AZ=67.2 133.9
fwAVG=1.85
sdW=36.0
fwW=1.61
sdS=149.3
fwS=1.67
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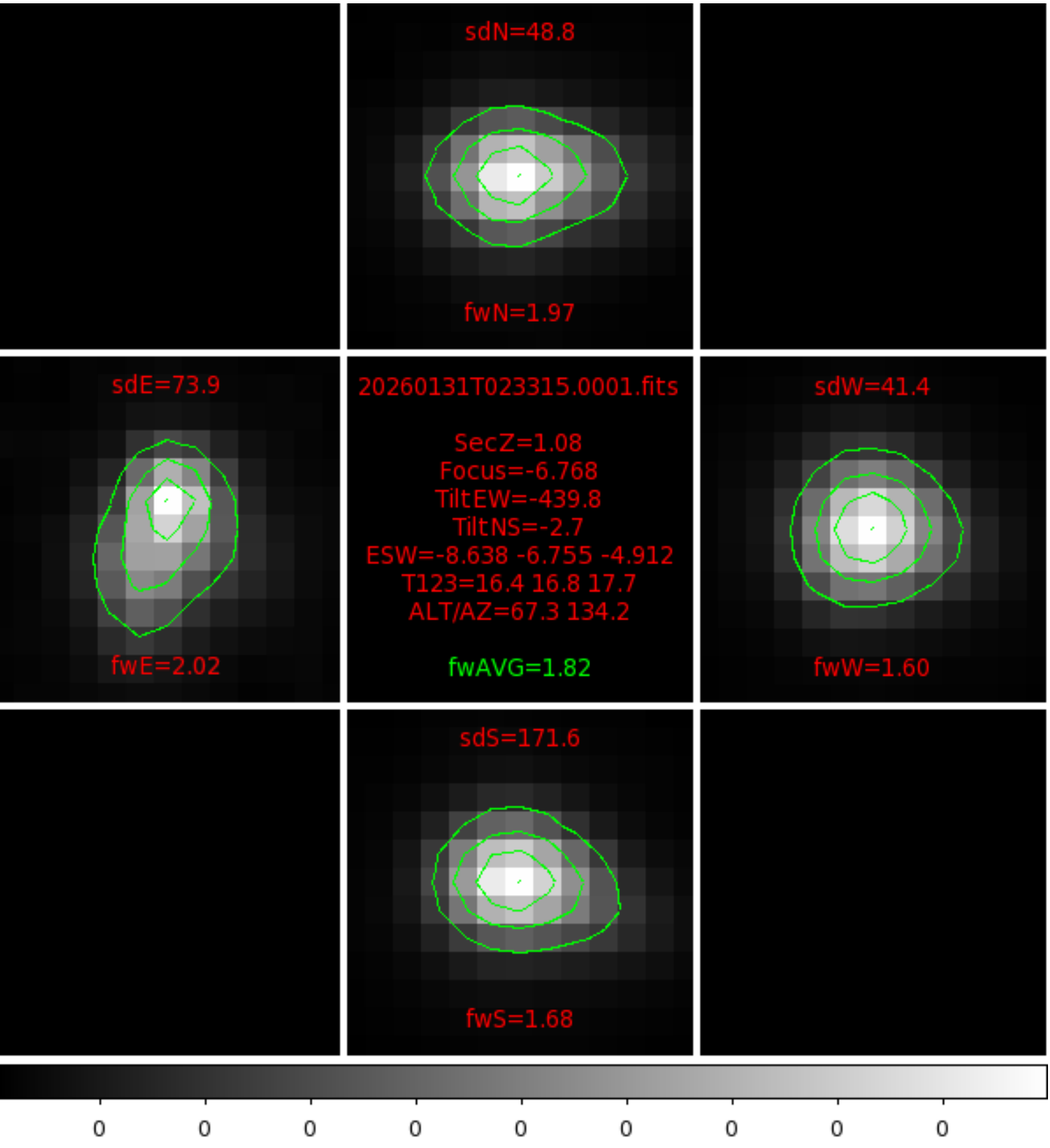
sdN=48.8
fwN=1.97
sdE=73.9
fwE=2.02
20260131T023315.0001.fits
SecZ=1.08
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.4 16.8 17.7
ALT/AZ=67.3 134.2
fwAVG=1.82
sdW=41.4
fwW=1.60
sdS=171.6
fwS=1.68
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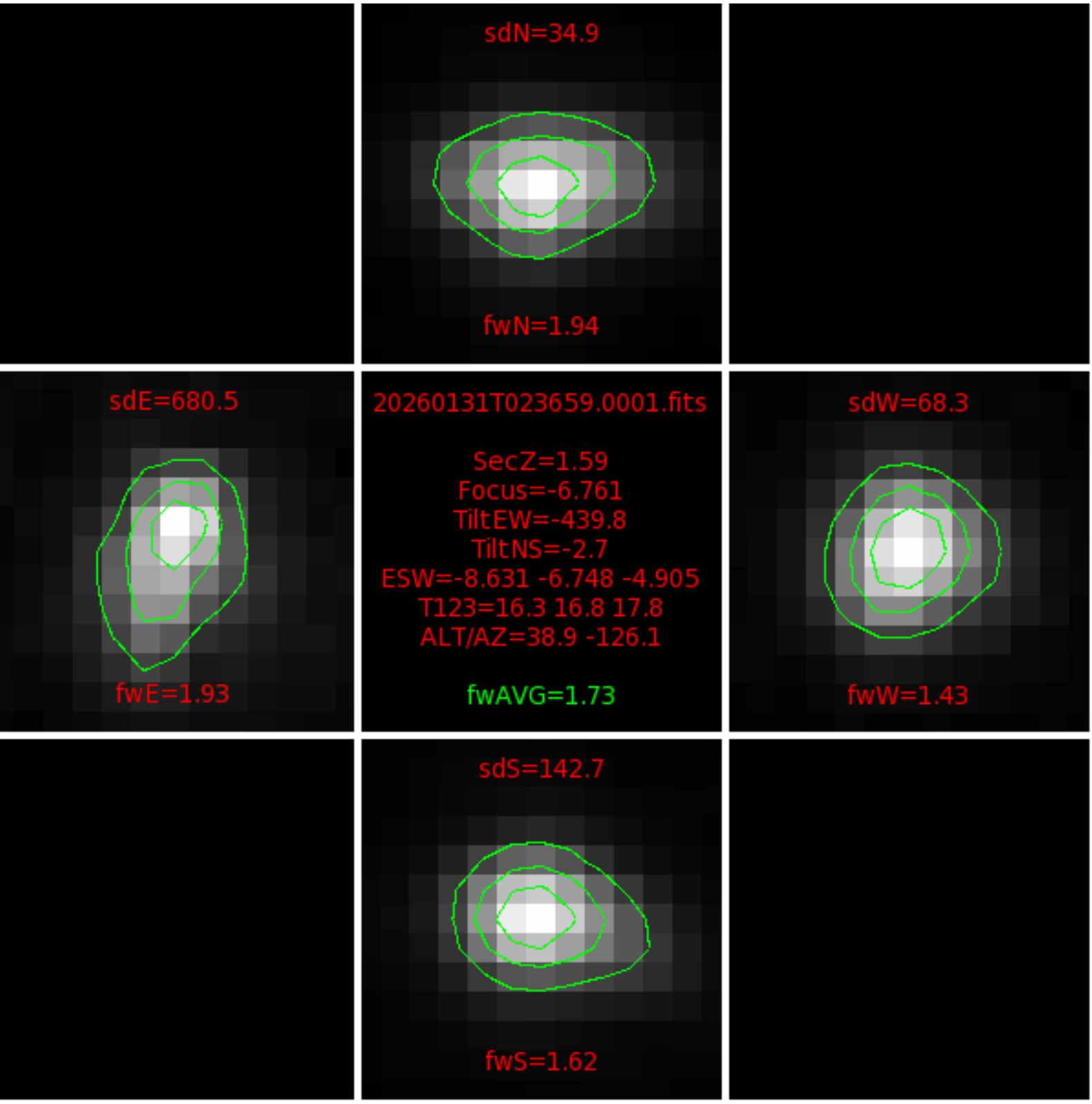
sdN=34.9
fwN=1.94
sdE=680.5
fwE=1.93
20260131T023659.0001.fits
SecZ=1.59
Focus=-6.761
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.631 -6.748 -4.905
T123=16.3 16.8 17.8
ALT/AZ=38.9 -126.1
fwAVG=1.73
sdW=68.3
fwW=1.43
sdS=142.7
fwS=1.62
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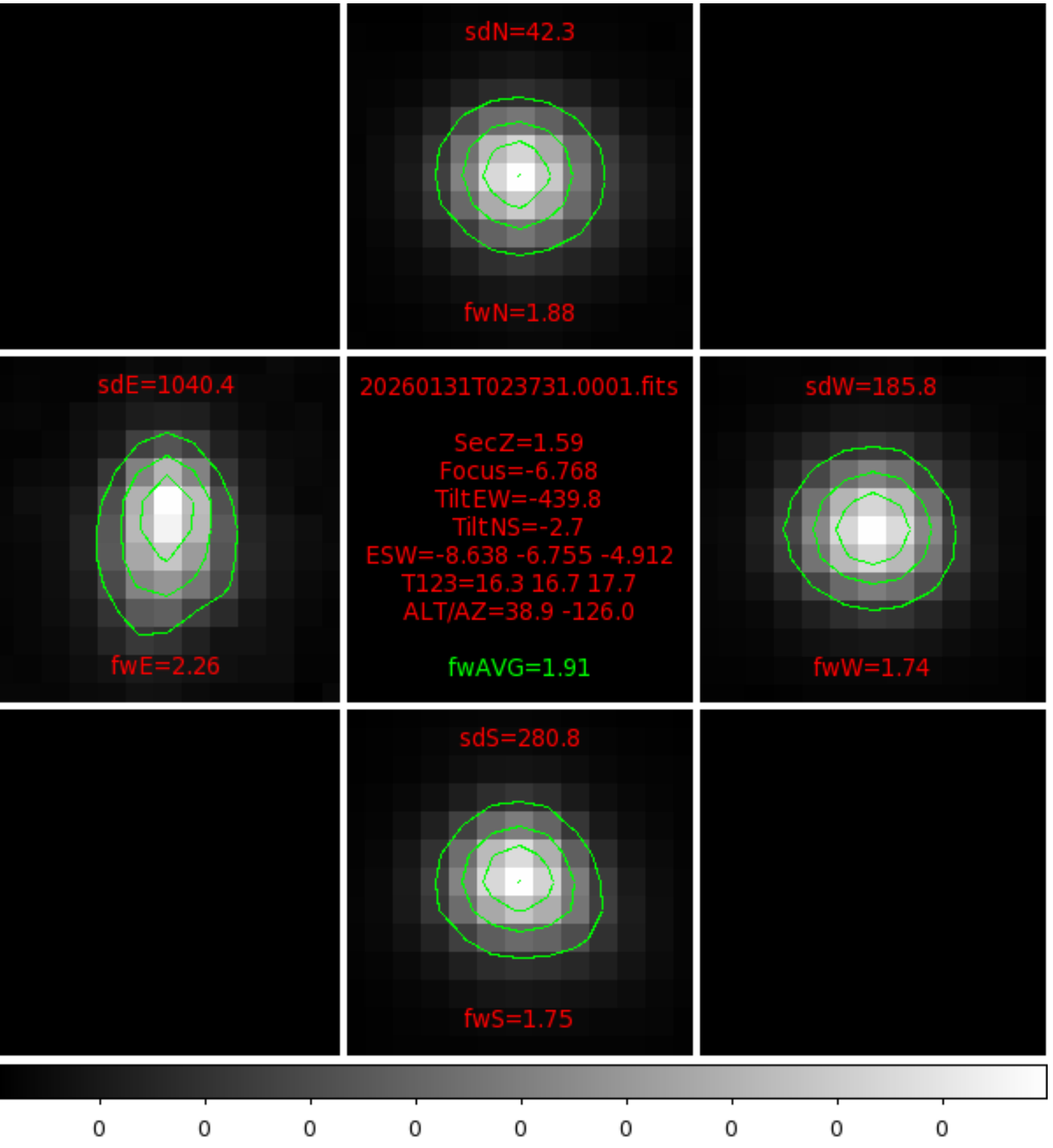
sdN=42.3
fwN=1.88
sdE=1040.4
fwE=2.26
20260131T023731.0001.fits
SecZ=1.59
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.3 16.7 17.7
ALT/AZ=38.9 -126.0
fwAVG=1.91
sdW=185.8
fwW=1.74
sdS=280.8
fwS=1.75
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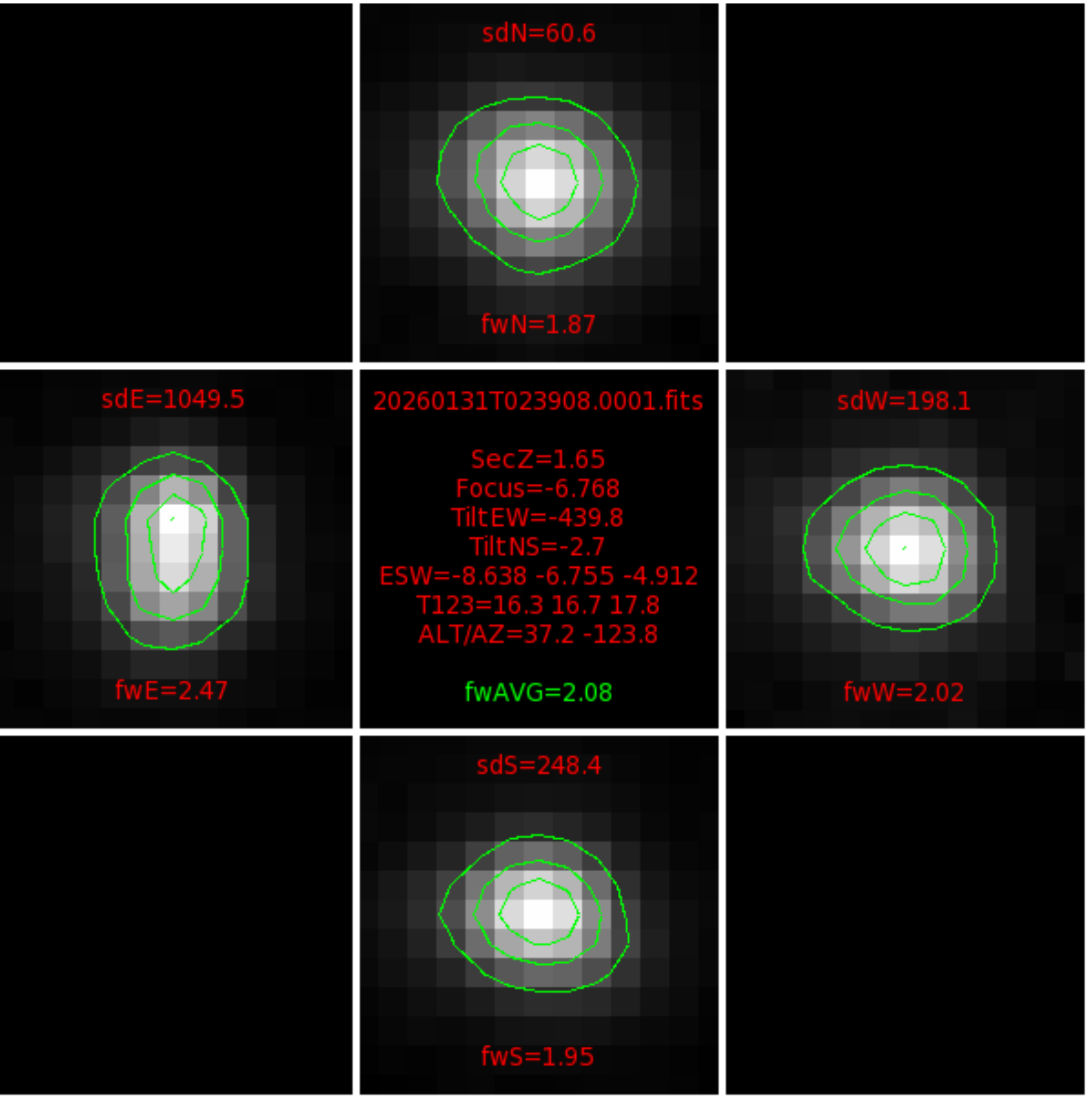
sdN=60.6
fwN=1.87
sdE=1049.5
fwE=2.47
20260131T023908.0001.fits
SecZ=1.65
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.3 16.7 17.8
ALT/AZ=37.2 -123.8
fwAVG=2.08
sdW=198.1
fwW=2.02
sdS=248.4
fwS=1.95
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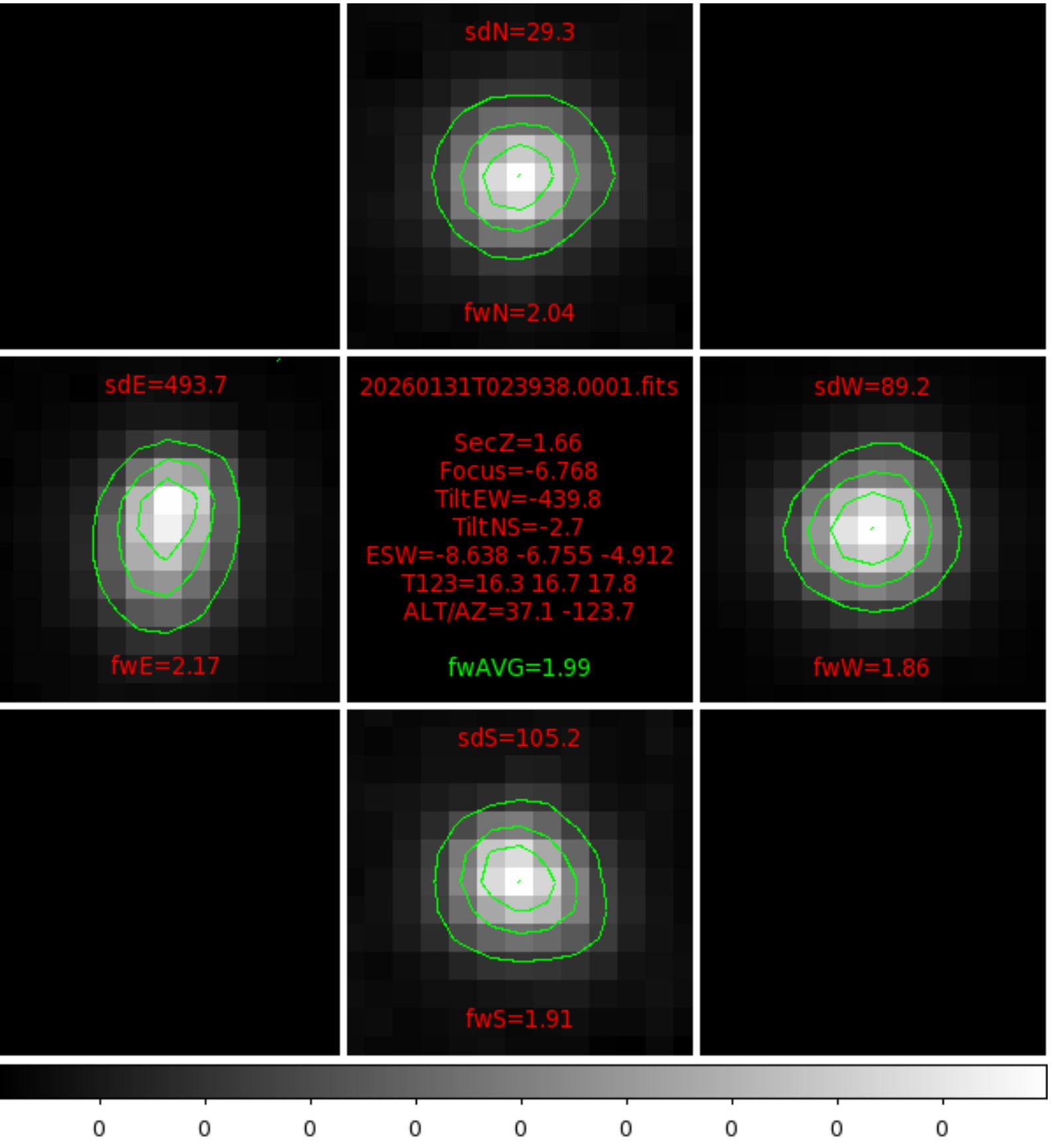
sdN=29.3
fwN=2.04
sdE=493.7
fwE=2.17
20260131T023938.0001.fits
SecZ=1.66
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.3 16.7 17.8
ALT/AZ=37.1 -123.7
fwAVG=1.99
sdW=89.2
fwW=1.86
sdS=105.2
fwS=1.91
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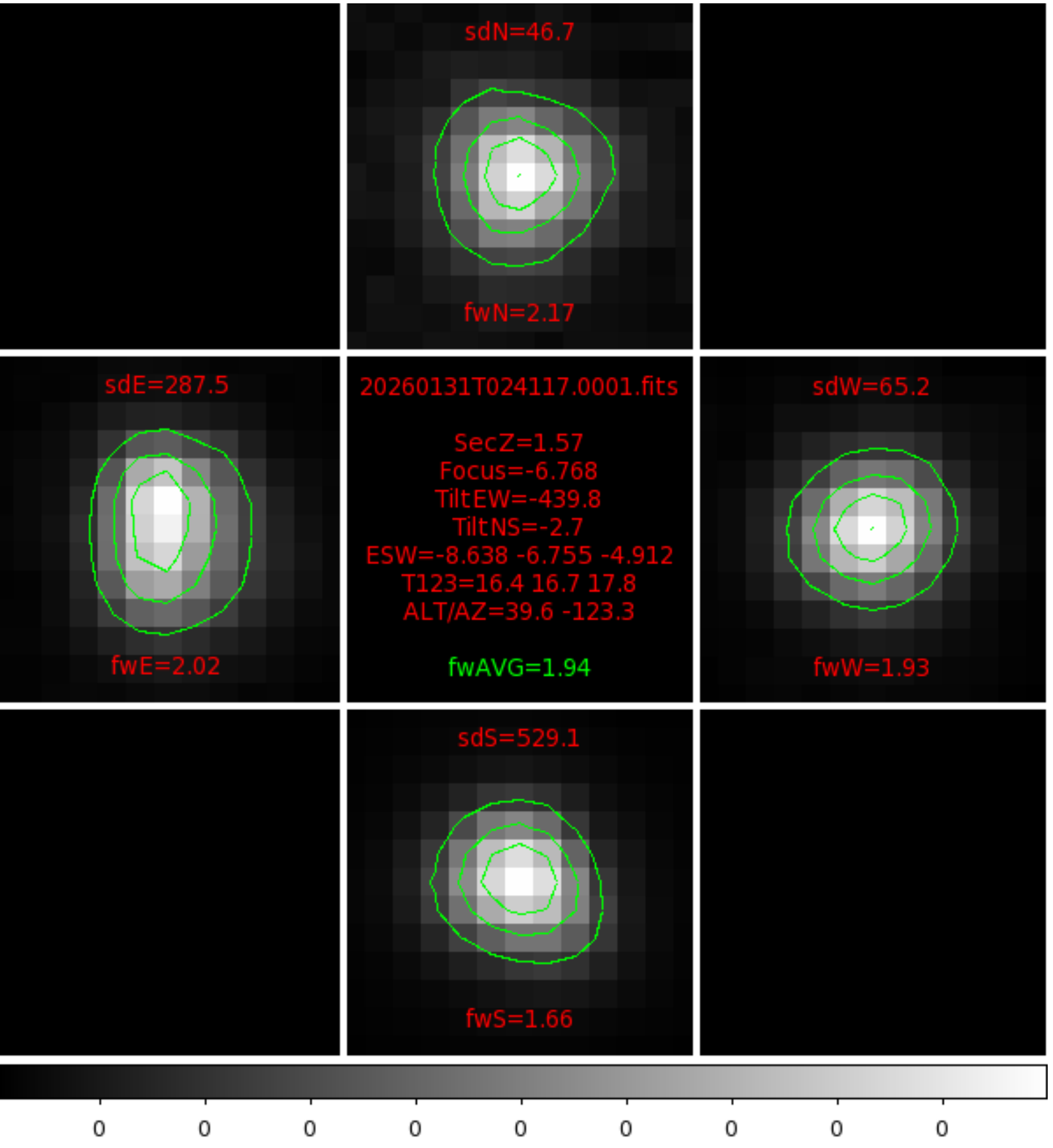
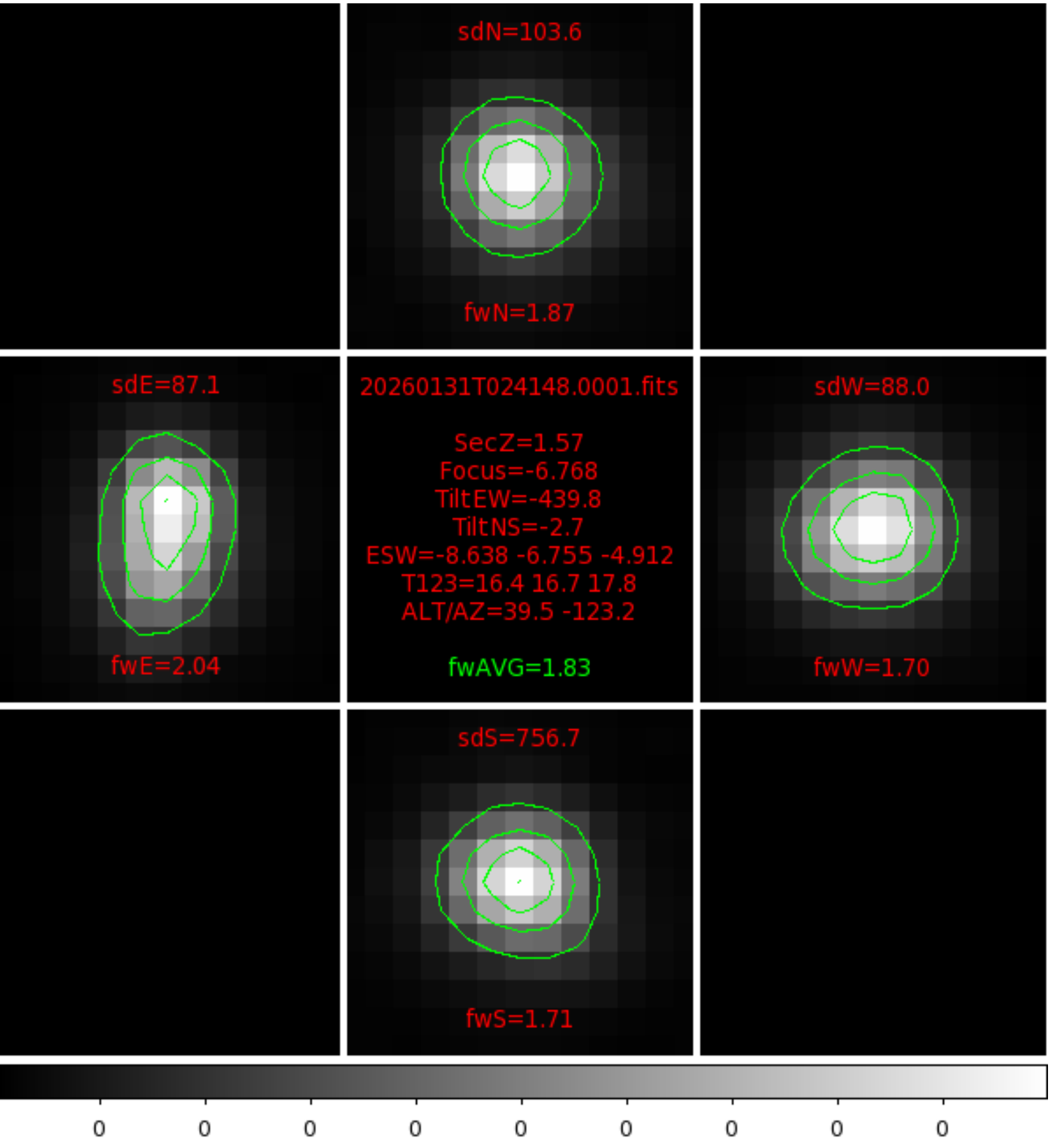

sdN=46.7
fwN=2.17
sdE=287.5
fwE=2.02
20260131T024117.0001.fits
SecZ=1.57
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.4 16.7 17.8
ALT/AZ=39.6 -123.3
fwAVG=1.94
sdW=65.2
fwW=1.93
sdS=529.1
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=103.6
fwN=1.87
sdE=87.1
fwE=2.04
20260131T024148.0001.fits
SecZ=1.57
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.4 16.7 17.8
ALT/AZ=39.5 -123.2
fwAVG=1.83
sdW=88.0
fwW=1.70
sdS=756.7
fwS=1.71
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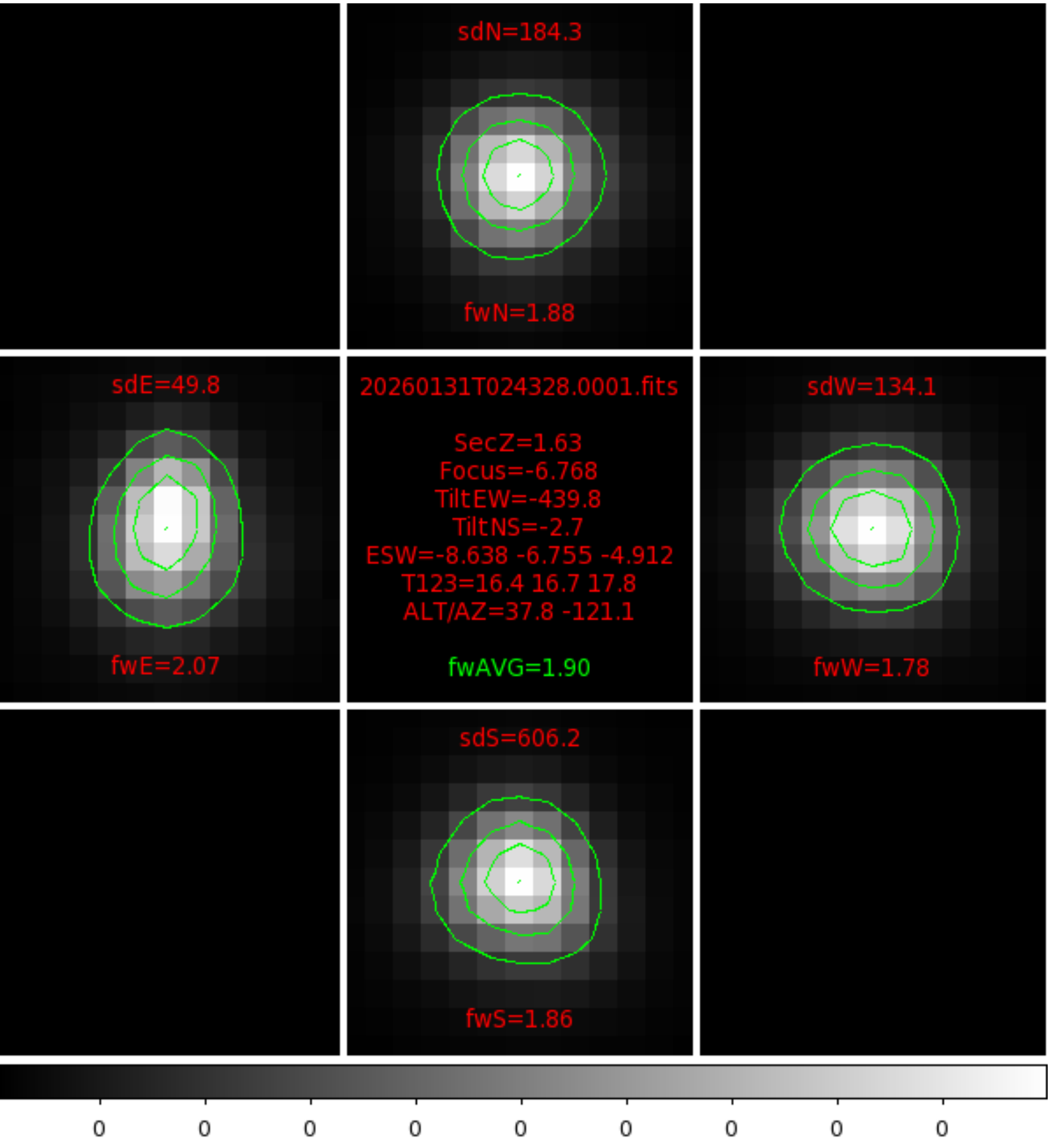
sdN=184.3
fwN=1.88
sdE=49.8
fwE=2.07
20260131T024328.0001.fits
SecZ=1.63
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.4 16.7 17.8
ALT/AZ=37.8 -121.1
fwAVG=1.90
sdW=134.1
fwW=1.78
sdS=606.2
fwS=1.86
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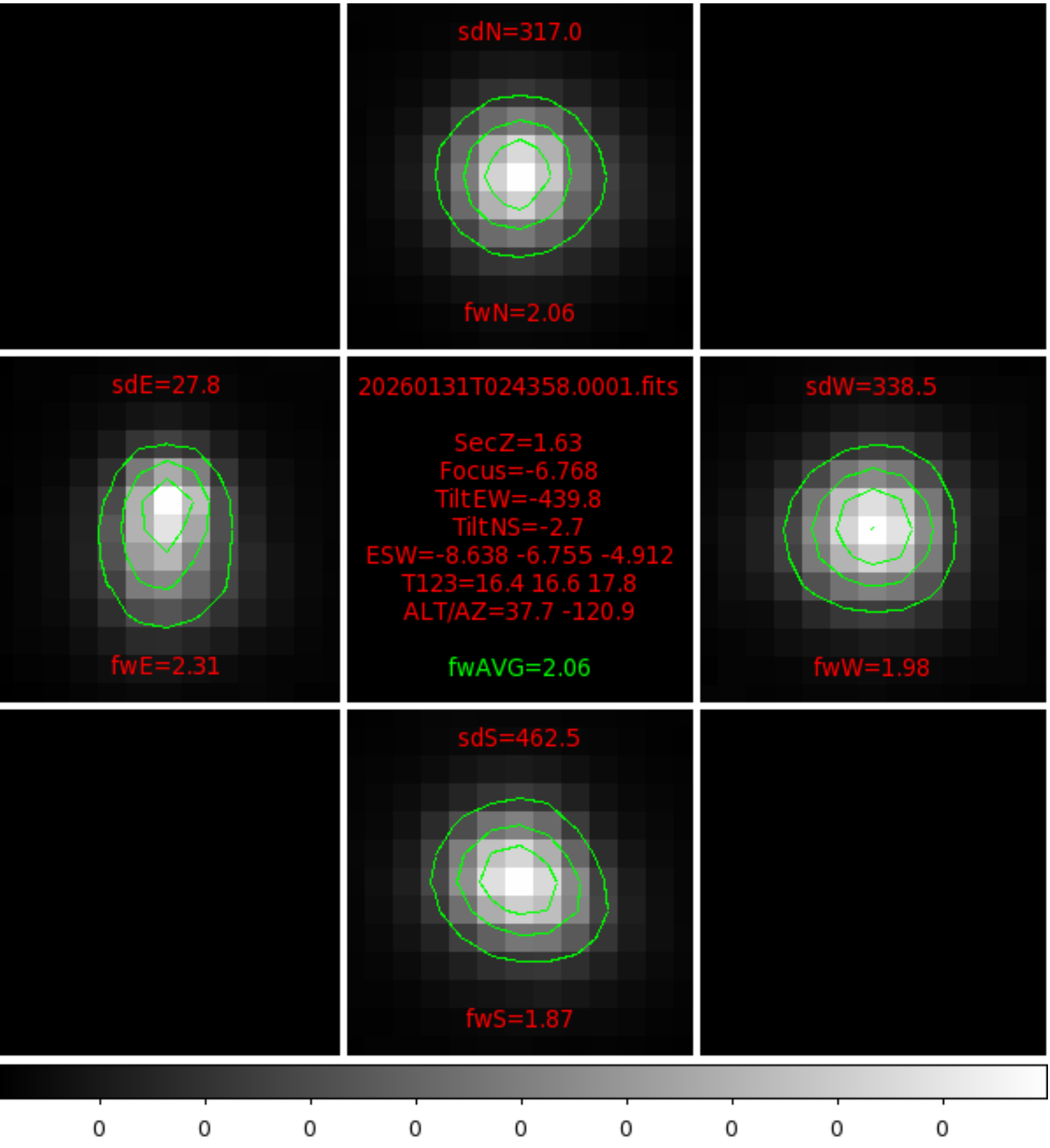
sdN=317.0
fwN=2.06
sdE=27.8
fwE=2.31
20260131T024358.0001.fits
SecZ=1.63
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.4 16.6 17.8
ALT/AZ=37.7 -120.9
fwAVG=2.06
sdW=338.5
fwW=1.98
sdS=462.5
fwS=1.87
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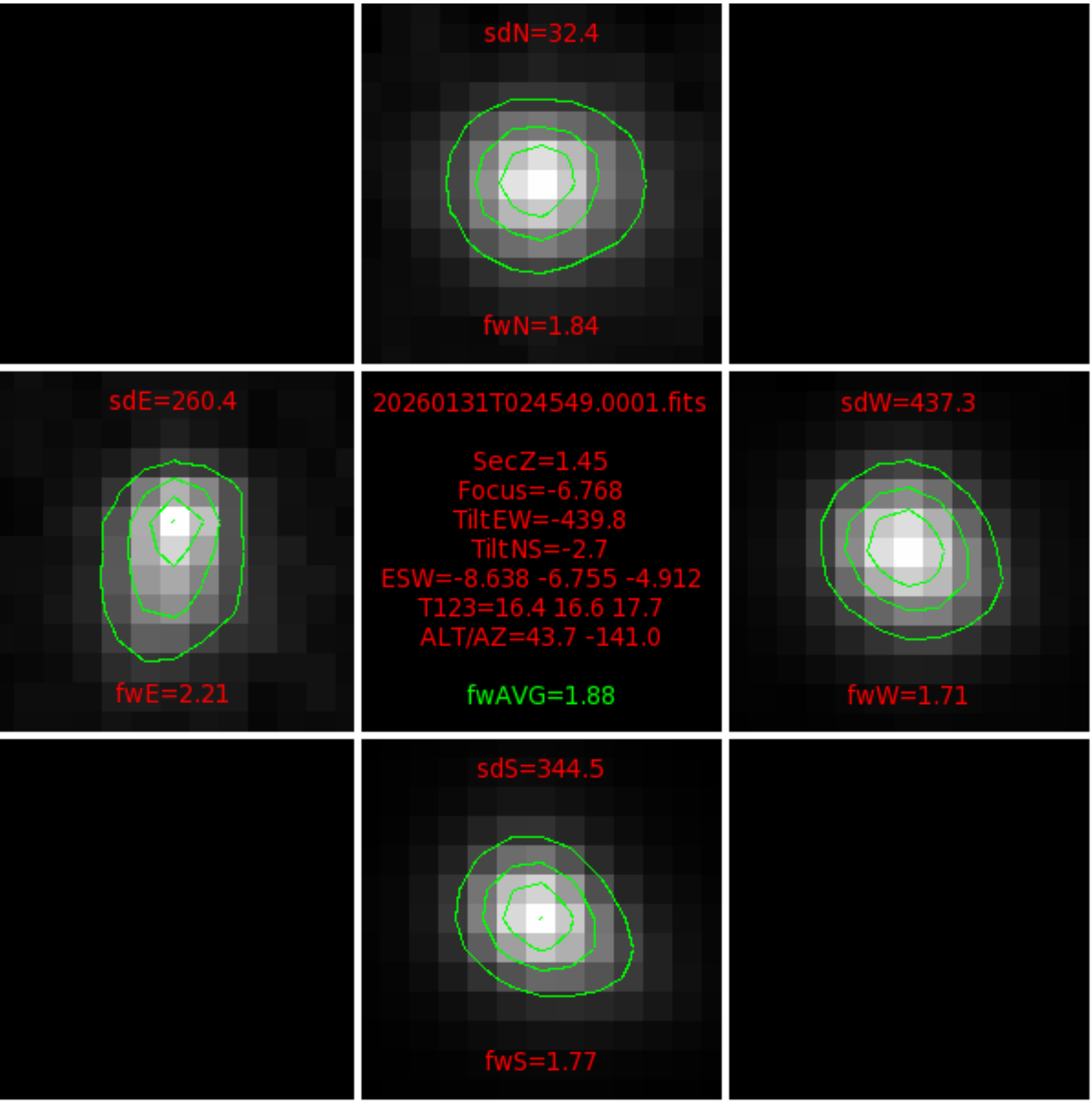
sdN=32.4
fwN=1.84
sdE=260.4
fwE=2.21
20260131T024549.0001.fits
SecZ=1.45
Focus=-6.768
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.638 -6.755 -4.912
T123=16.4 16.6 17.7
ALT/AZ=43.7 -141.0
fwAVG=1.88
sdW=437.3
fwW=1.71
sdS=344.5
fwS=1.77
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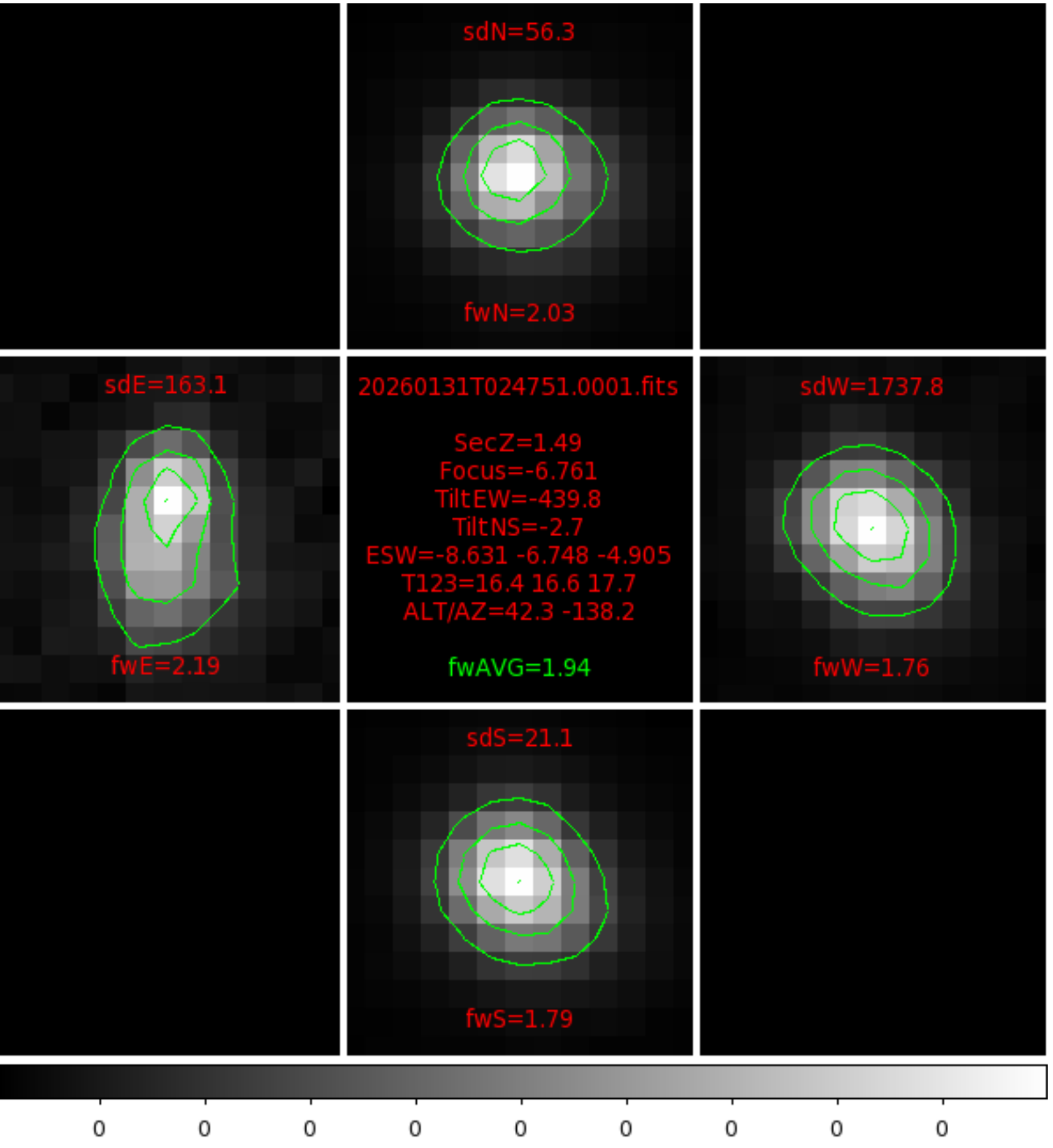
sdN=56.3
fwN=2.03
sdE=163.1
fwE=2.19
20260131T024751.0001.fits
SecZ=1.49
Focus=-6.761
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.631 -6.748 -4.905
T123=16.4 16.6 17.7
ALT/AZ=42.3 -138.2
fwAVG=1.94
sdW=1737.8
fwW=1.76
sdS=21.1
fwS=1.79
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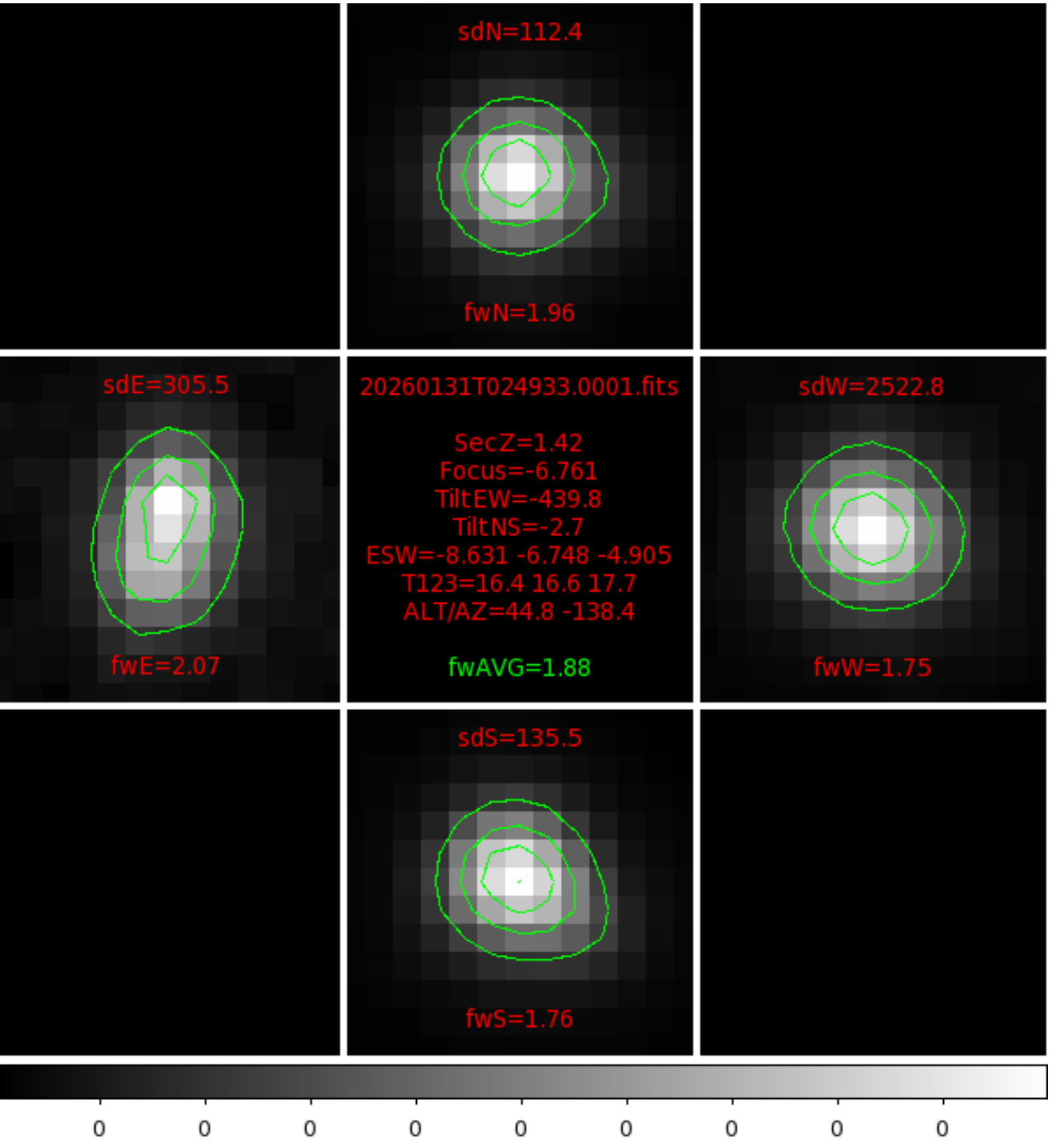
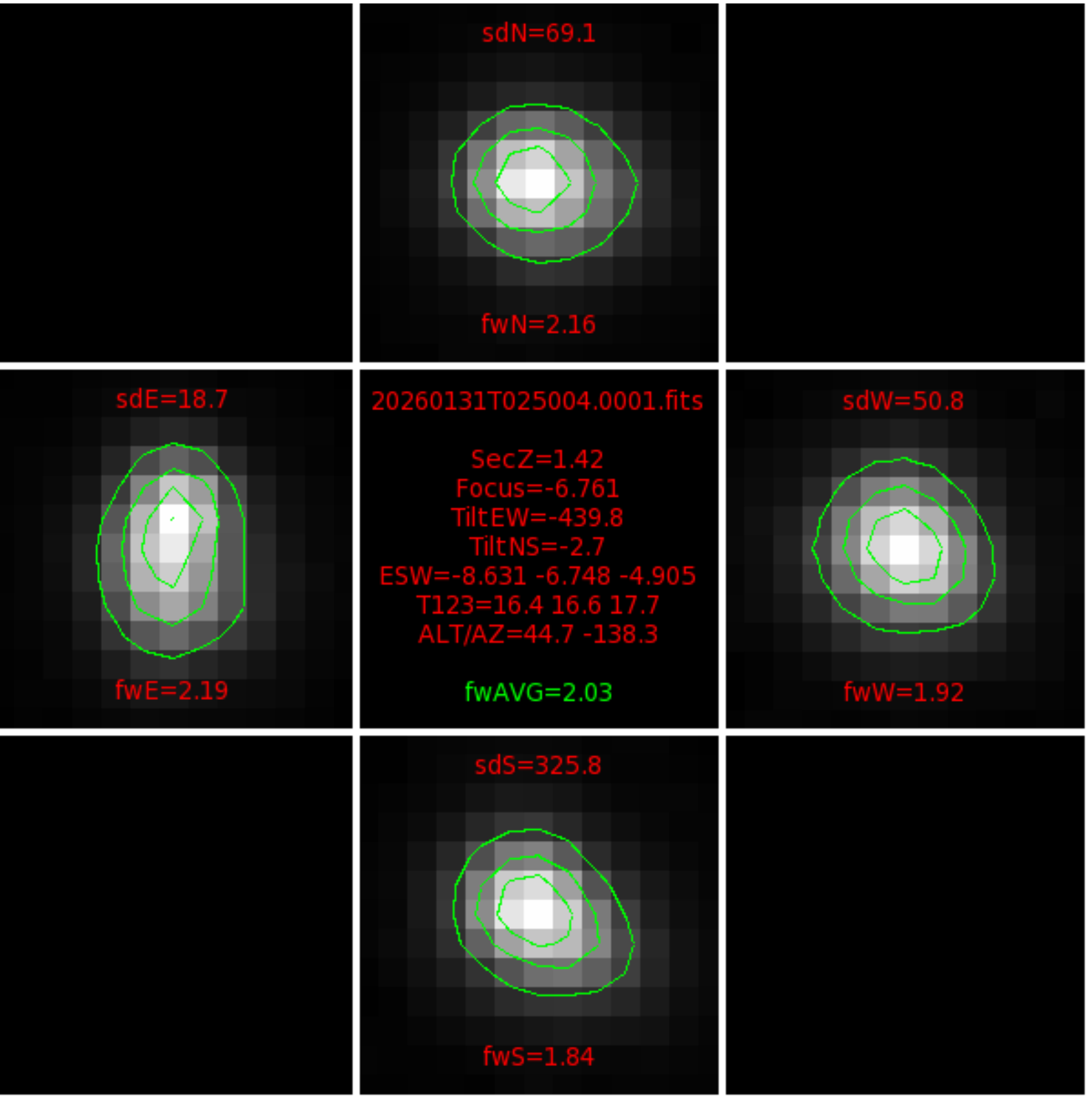
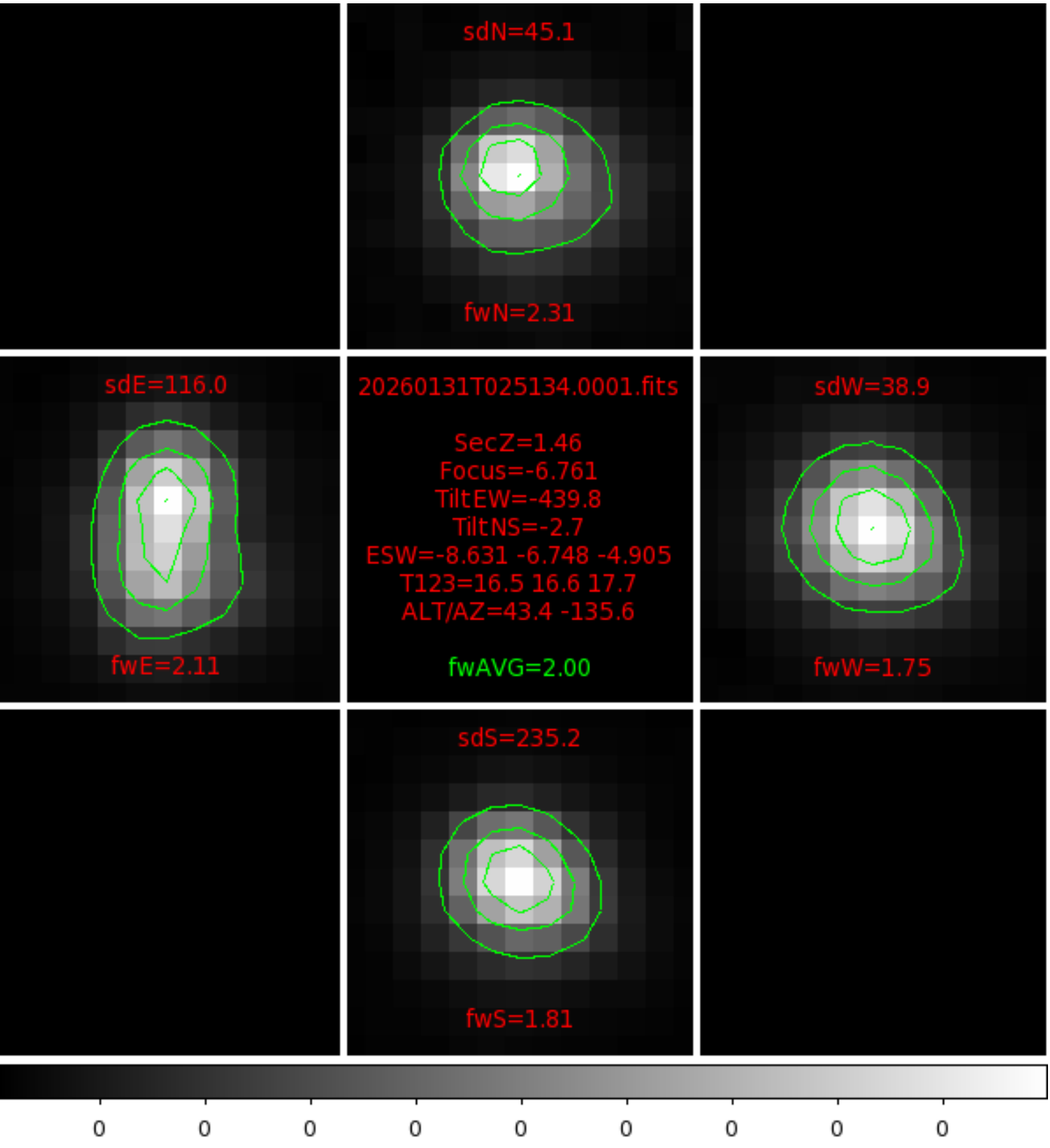
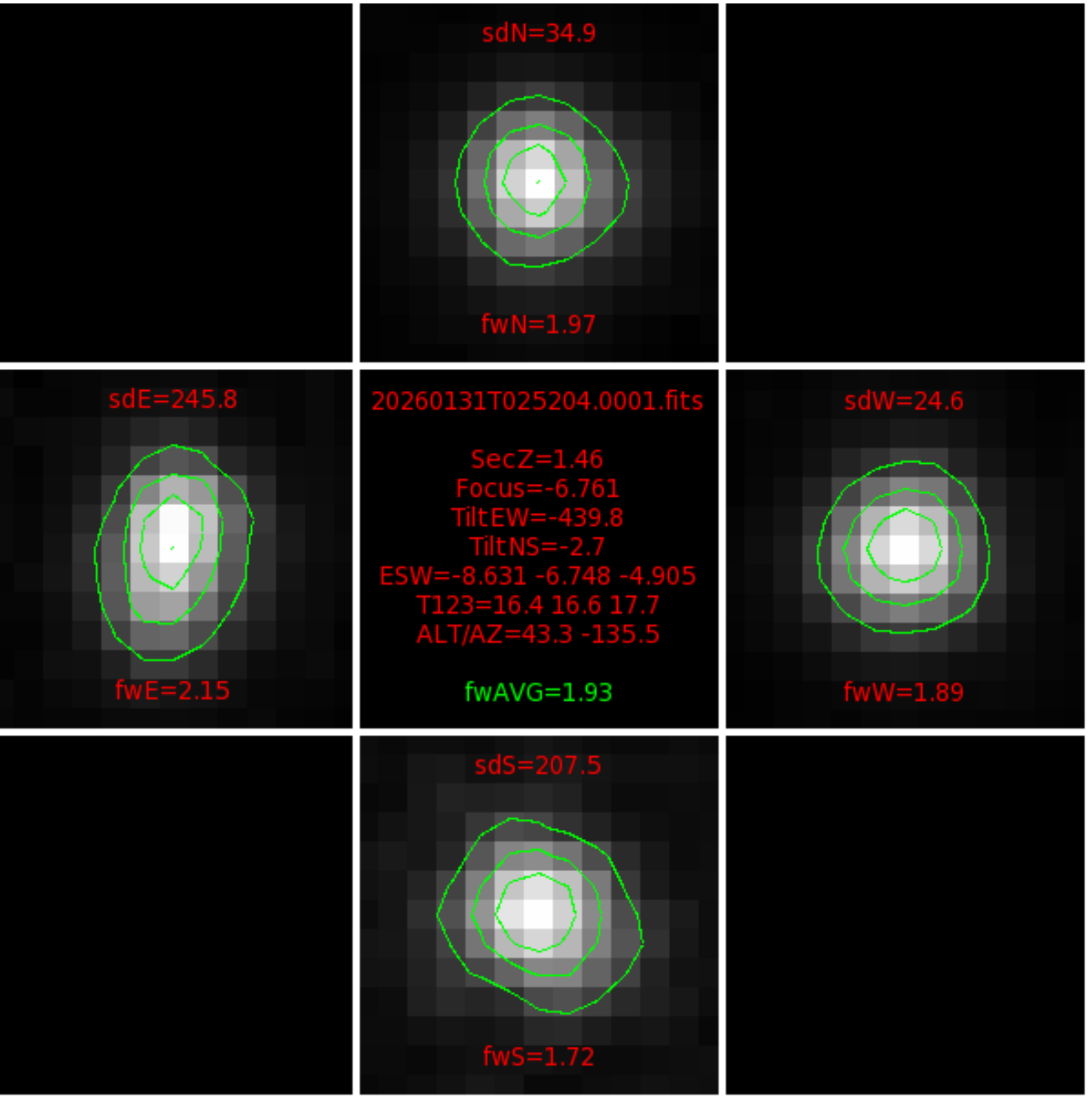

sdN=112.4
fwN=1.96
sdE=305.5
fwE=2.07
20260131T024933.0001.fits
SecZ=1.42
Focus=-6.761
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.631 -6.748 -4.905
T123=16.4 16.6 17.7
ALT/AZ=44.8 -138.4
fwAVG=1.88
sdW=2522.8
fwW=1.75
sdS=135.5
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=69.1
fwN=2.16
sdE=18.7
fwE=2.19
20260131T025004.0001.fits
SecZ=1.42
Focus=-6.761
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.631 -6.748 -4.905
T123=16.4 16.6 17.7
ALT/AZ=44.7 -138.3
fwAVG=2.03
sdW=50.8
fwW=1.92
sdS=325.8
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=45.1
fwN=2.31
sdE=116.0
fwE=2.11
20260131T025134.0001.fits
SecZ=1.46
Focus=-6.761
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.631 -6.748 -4.905
T123=16.5 16.6 17.7
ALT/AZ=43.4 -135.6
fwAVG=2.00
sdW=38.9
fwW=1.75
sdS=235.2
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=34.9
fwN=1.97
sdE=245.8
fwE=2.15
20260131T025204.0001.fits
SecZ=1.46
Focus=-6.761
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.631 -6.748 -4.905
T123=16.4 16.6 17.7
ALT/AZ=43.3 -135.5
fwAVG=1.93
sdW=24.6
fwW=1.89
sdS=207.5
fwS=1.72
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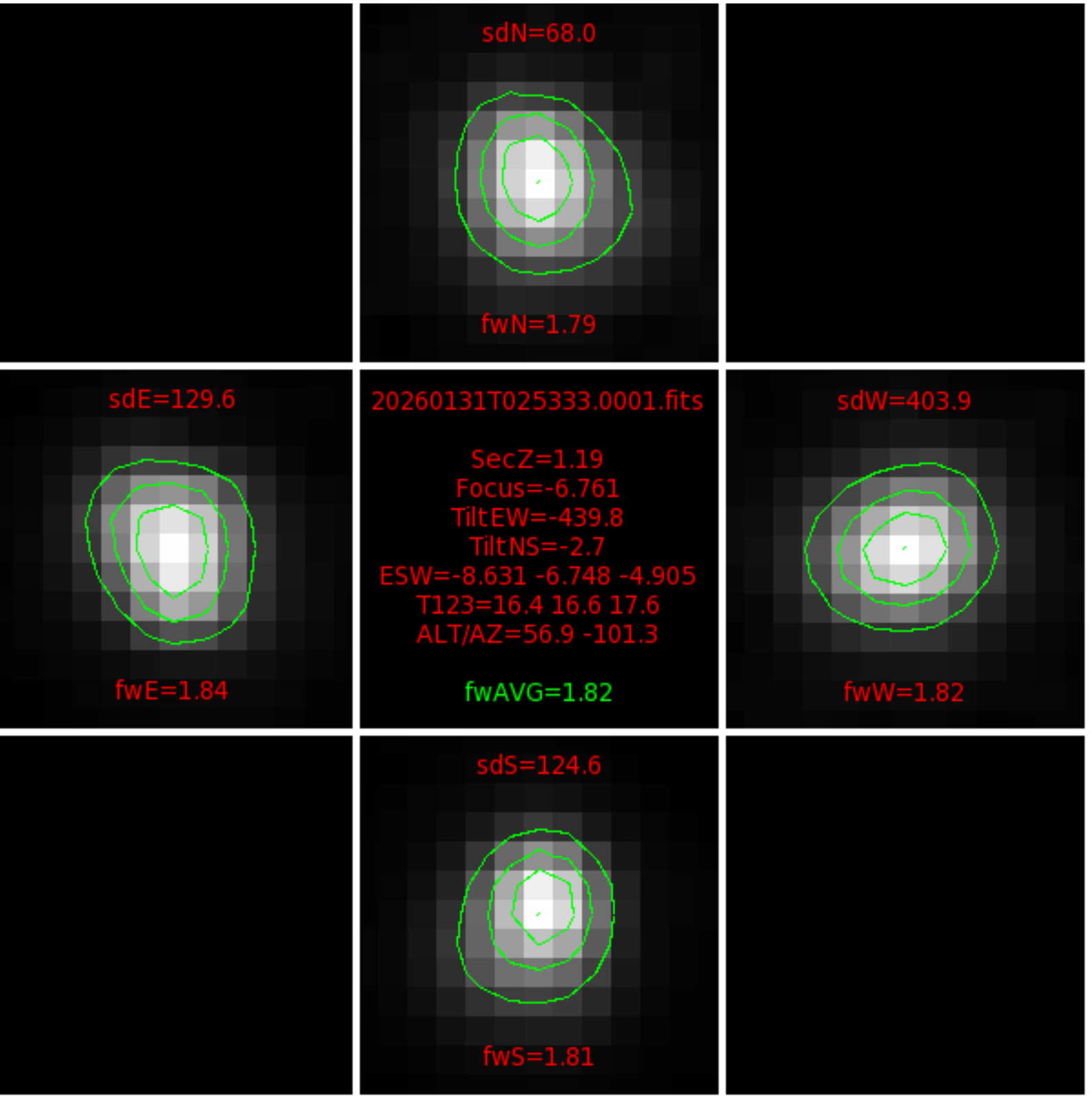
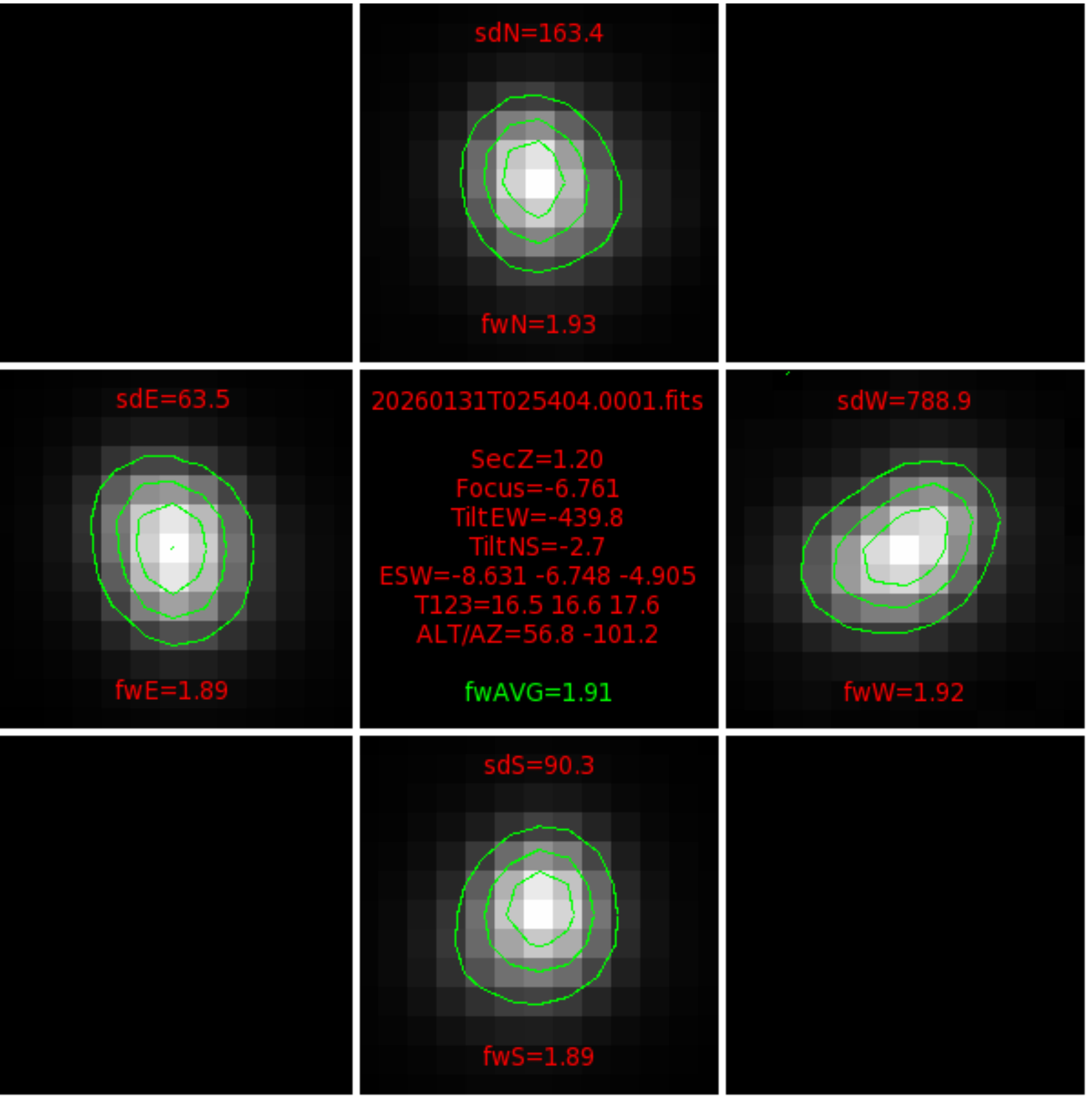
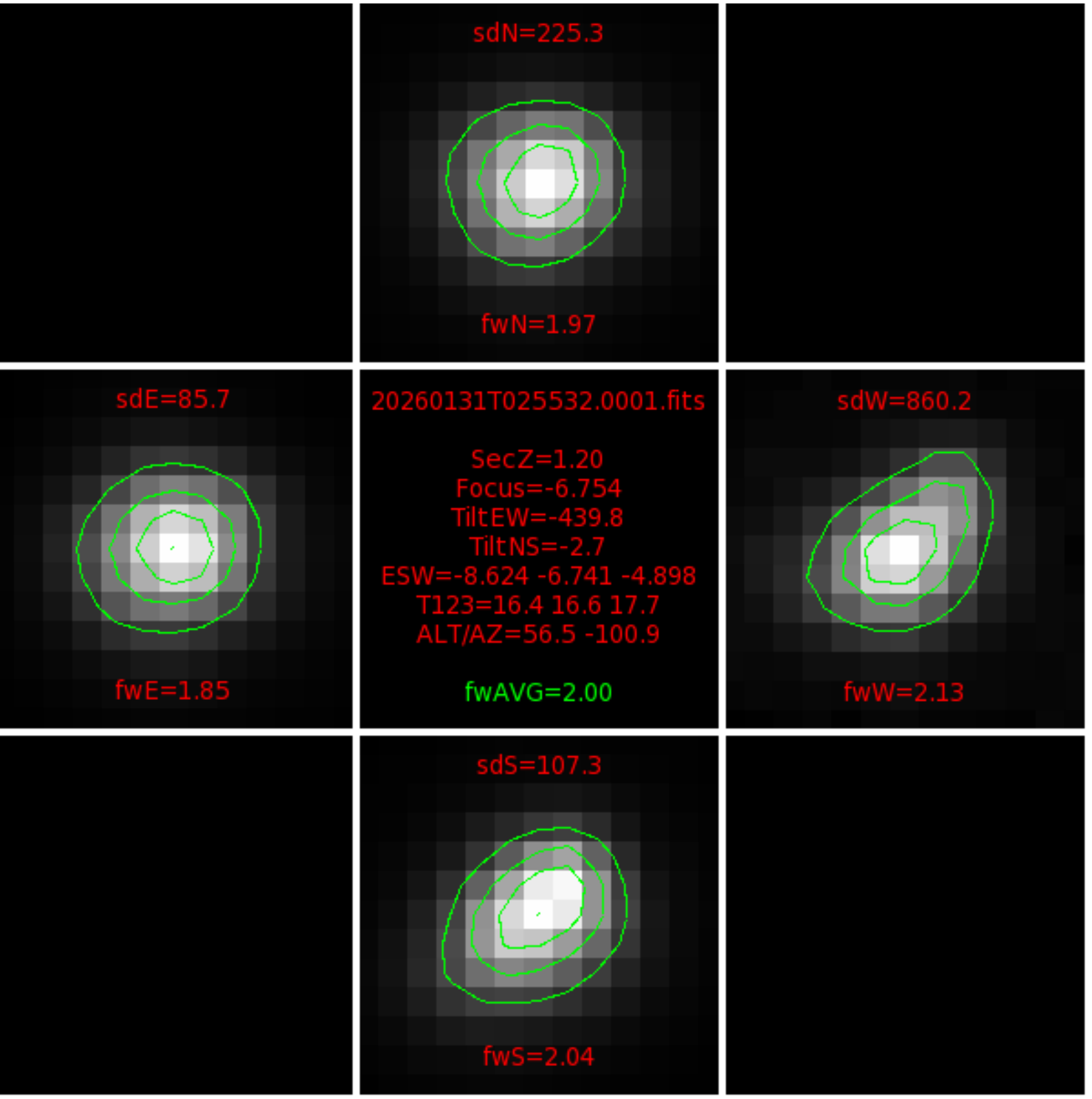

sdN=68.0
fwN=1.79
sdE=129.6
fwE=1.84
20260131T025333.0001.fits
SecZ=1.19
Focus=-6.761
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.631 -6.748 -4.905
T123=16.4 16.6 17.6
ALT/AZ=56.9 -101.3
fwAVG=1.82
sdW=403.9
fwW=1.82
sdS=124.6
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=163.4
fwN=1.93
sdE=63.5
fwE=1.89
20260131T025404.0001.fits
SecZ=1.20
Focus=-6.761
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.631 -6.748 -4.905
T123=16.5 16.6 17.6
ALT/AZ=56.8 -101.2
fwAVG=1.91
sdW=788.9
fwW=1.92
sdS=90.3
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=225.3
fwN=1.97
sdE=85.7
fwE=1.85
20260131T025532.0001.fits
SecZ=1.20
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.4 16.6 17.7
ALT/AZ=56.5 -100.9
fwAVG=2.00
sdW=860.2
fwW=2.13
sdS=107.3
fwS=2.04
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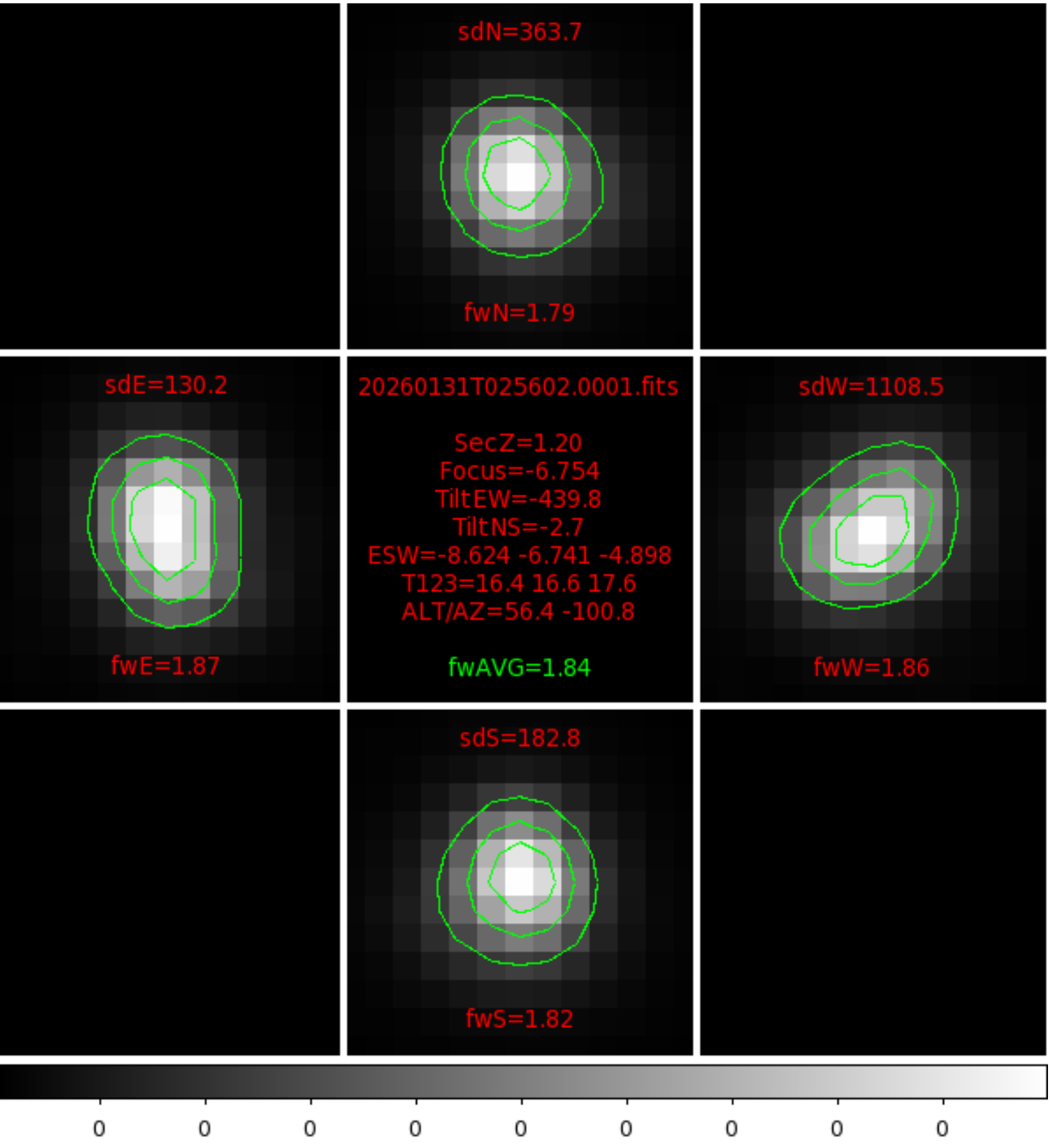
sdN=363.7
fwN=1.79
sdE=130.2
fwE=1.87
20260131T025602.0001.fits
SecZ=1.20
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.4 16.6 17.6
ALT/AZ=56.4 -100.8
fwAVG=1.84
sdW=1108.5
fwW=1.86
sdS=182.8
fwS=1.82
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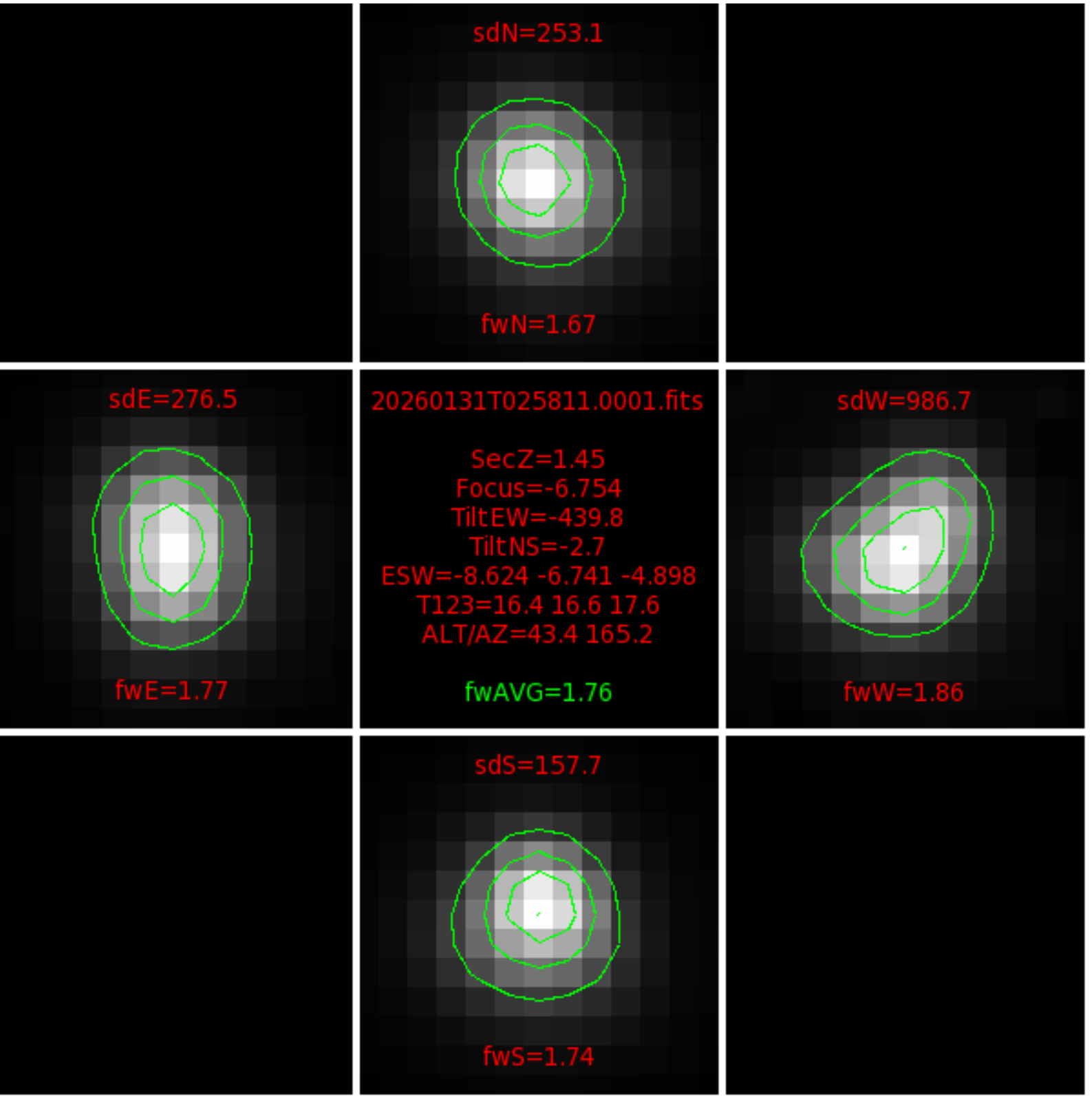
sdN=253.1
fwN=1.67
sdE=276.5
fwE=1.77
20260131T025811.0001.fits
SecZ=1.45
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.4 16.6 17.6
ALT/AZ=43.4 165.2
fwAVG=1.76
sdW=986.7
fwW=1.86
sdS=157.7
fwS=1.74
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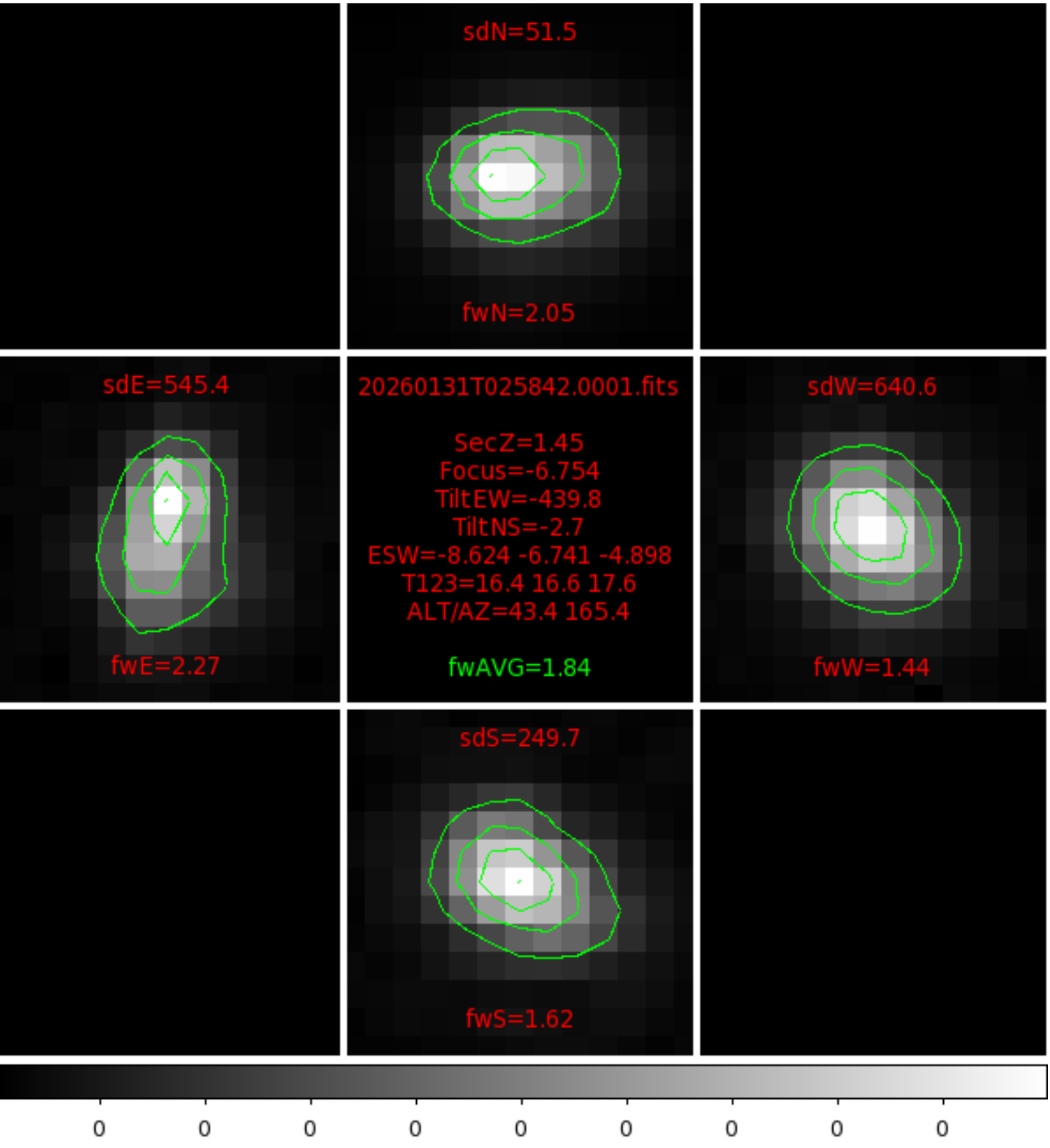
sdN=51.5
fwN=2.05
sdE=545.4
fwE=2.27
20260131T025842.0001.fits
SecZ=1.45
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.4 16.6 17.6
ALT/AZ=43.4 165.4
fwAVG=1.84
sdW=640.6
fwW=1.44
sdS=249.7
fwS=1.62
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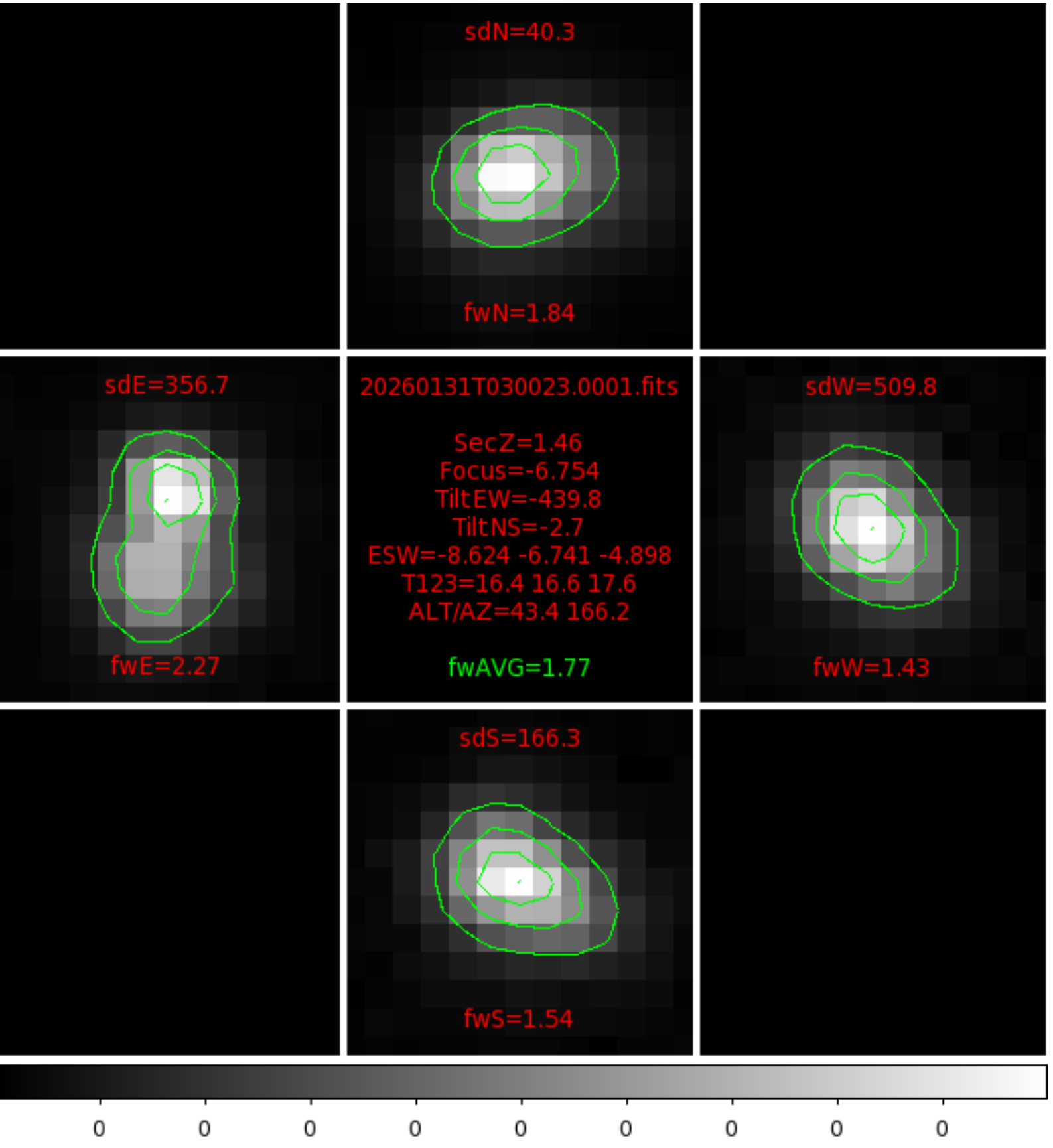
sdN=40.3
fwN=1.84
sdE=356.7
fwE=2.27
20260131T030023.0001.fits
SecZ=1.46
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.4 16.6 17.6
ALT/AZ=43.4 166.2
fwAVG=1.77
sdW=509.8
fwW=1.43
sdS=166.3
fwS=1.54
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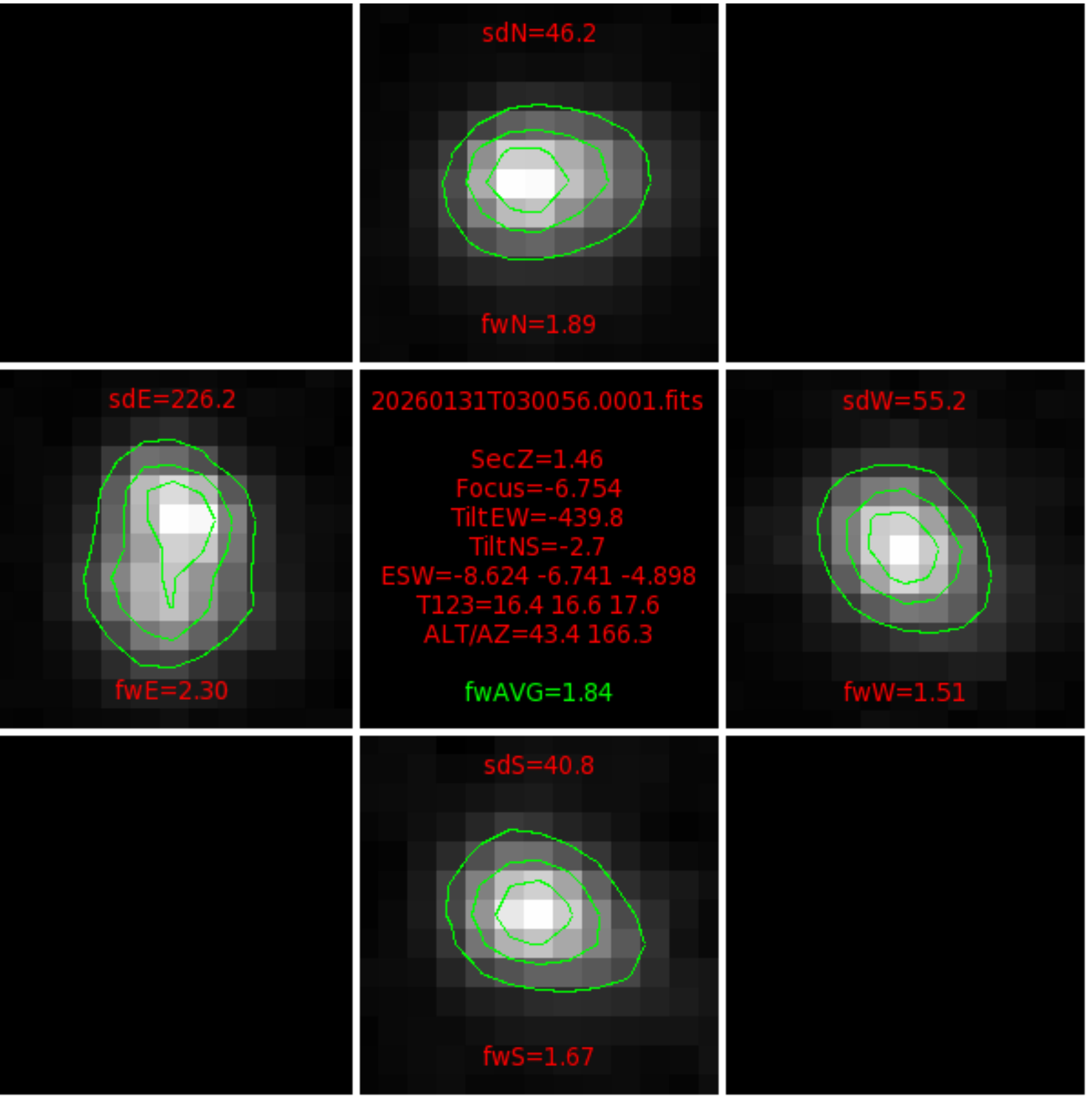
sdN=46.2
fwN=1.89
sdE=226.2
fwE=2.30
20260131T030056.0001.fits
SecZ=1.46
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.4 16.6 17.6
ALT/AZ=43.4 166.3
fwAVG=1.84
sdW=55.2
fwW=1.51
sdS=40.8
fwS=1.67
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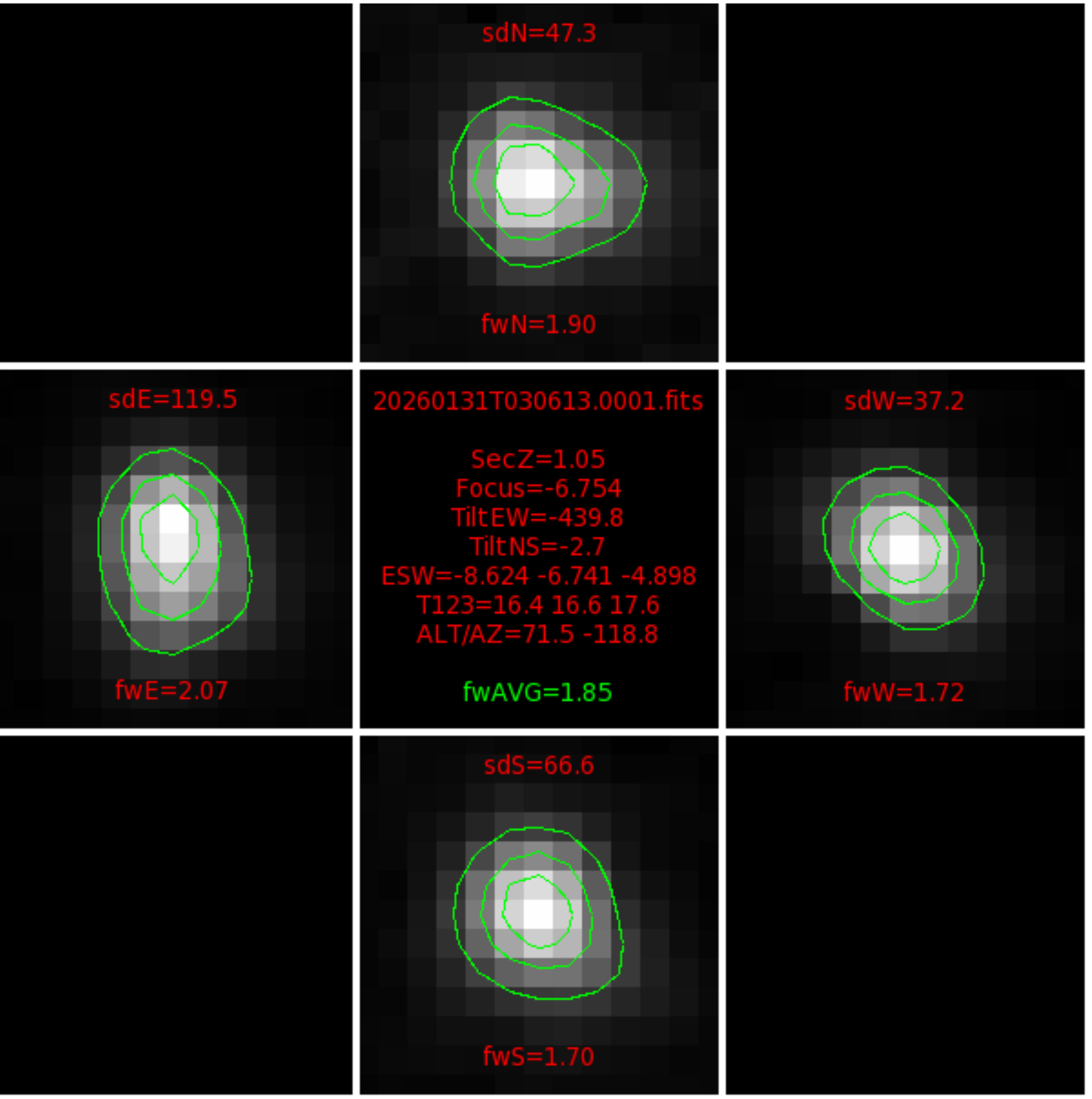
sdN=47.3
fwN=1.90
sdE=119.5
fwE=2.07
20260131T030613.0001.fits
SecZ=1.05
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.4 16.6 17.6
ALT/AZ=71.5 -118.8
fwAVG=1.85
sdW=37.2
fwW=1.72
sdS=66.6
fwS=1.70
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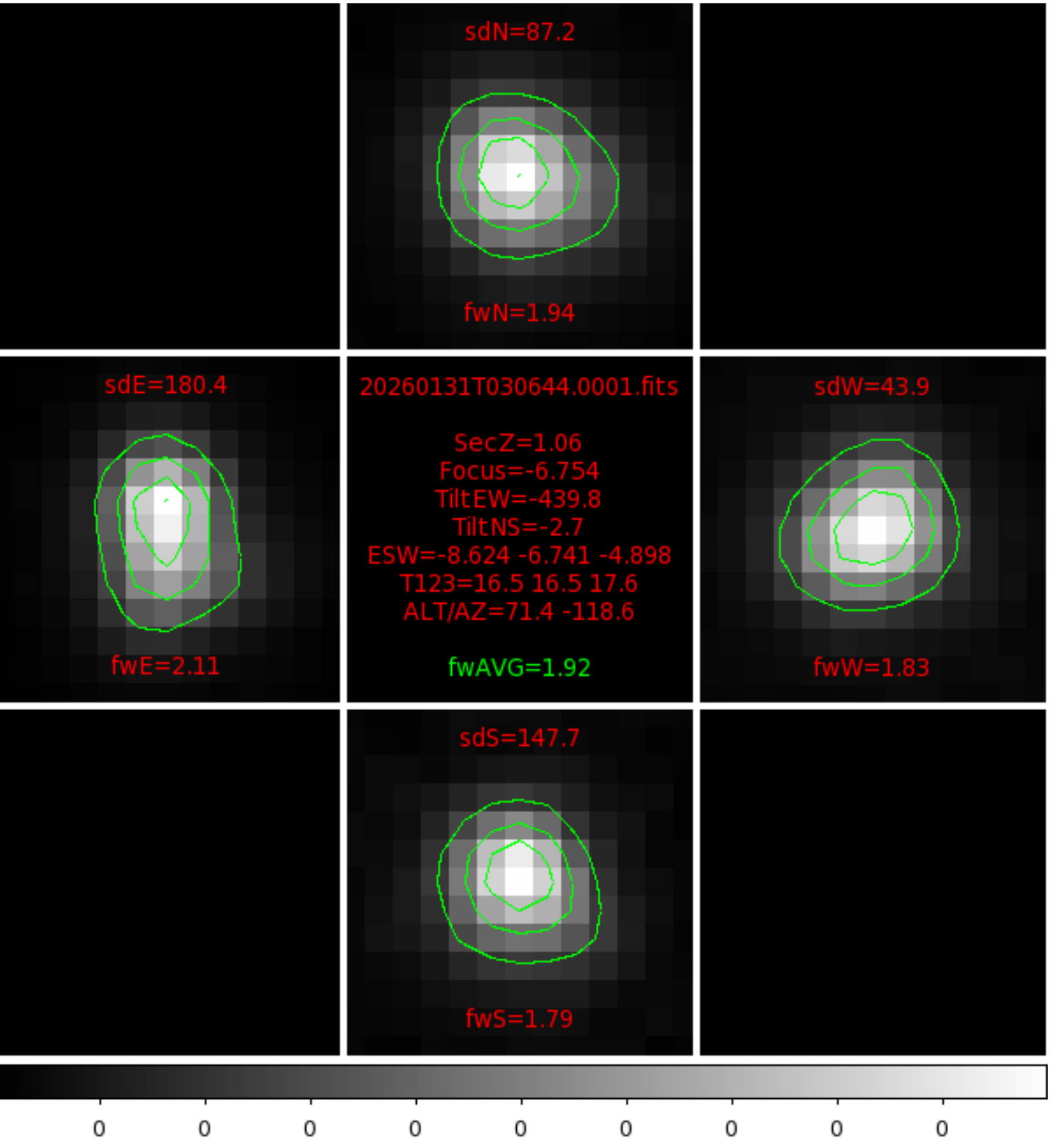
sdN=87.2
fwN=1.94
sdE=180.4
fwE=2.11
20260131T030644.0001.fits
SecZ=1.06
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.5 16.5 17.6
ALT/AZ=71.4 -118.6
fwAVG=1.92
sdW=43.9
fwW=1.83
sdS=147.7
fwS=1.79
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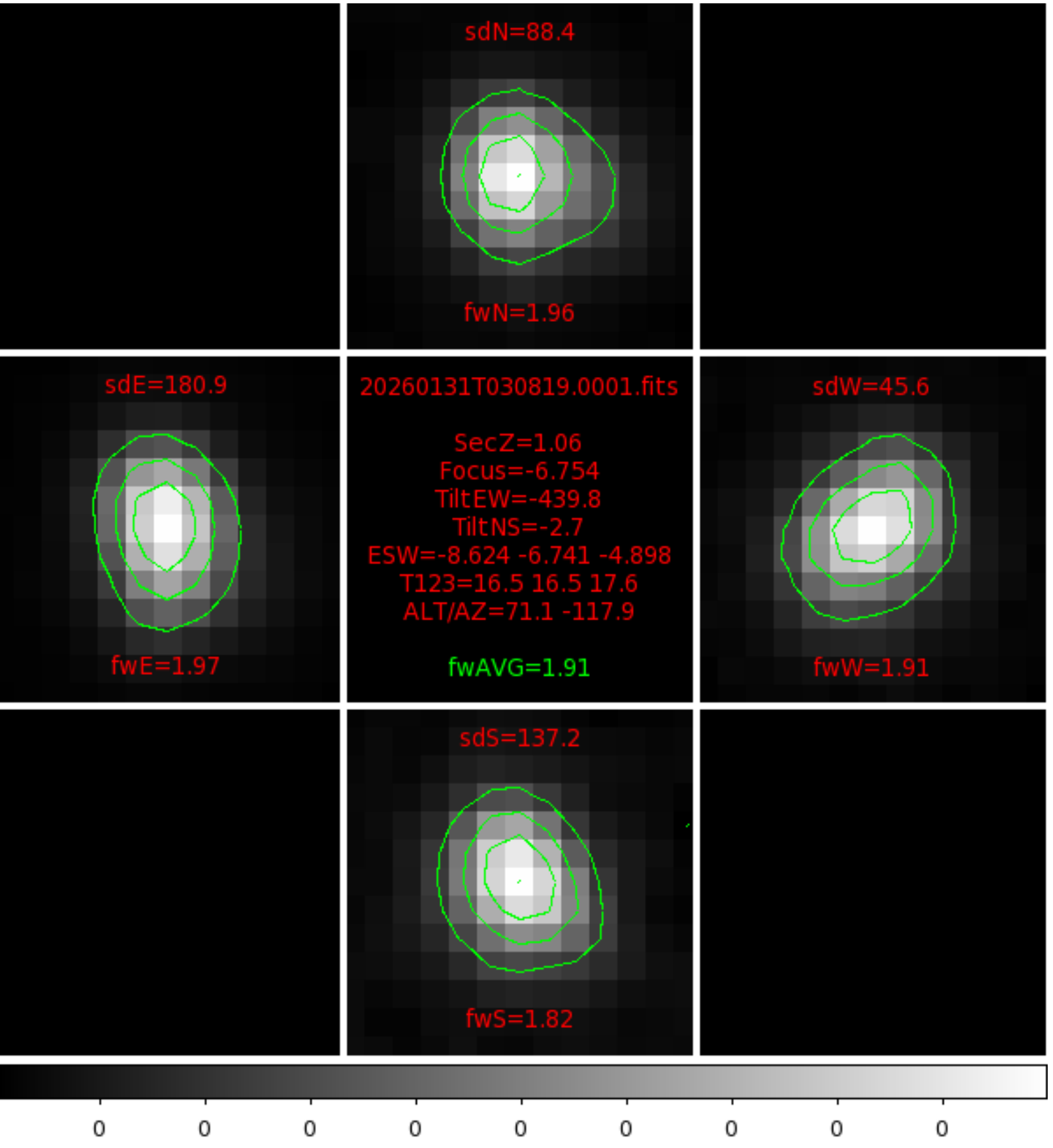
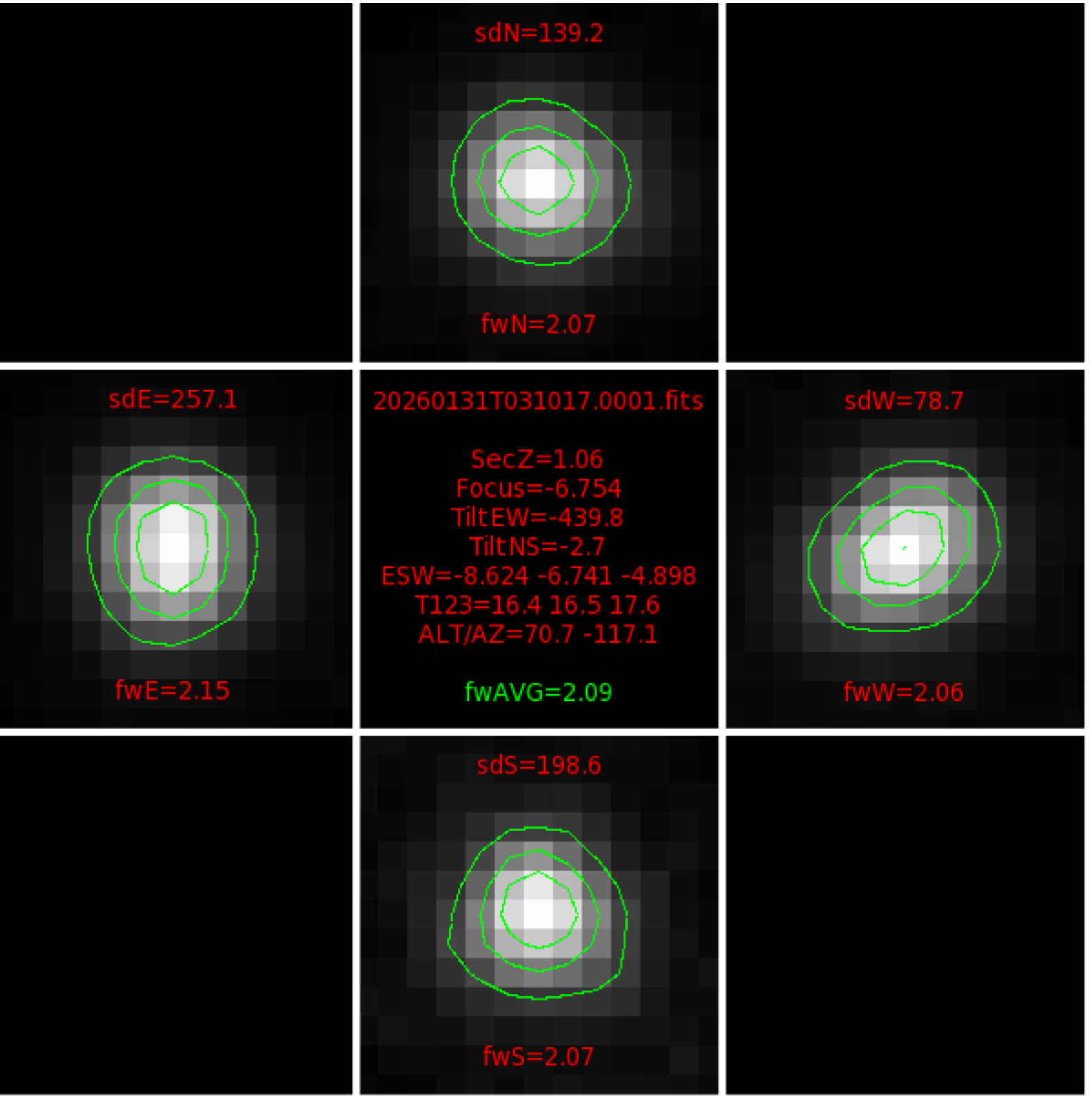

sdN=88.4
fwN=1.96
sdE=180.9
fwE=1.97
20260131T030819.0001.fits
SecZ=1.06
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.5 16.5 17.6
ALT/AZ=71.1 -117.9
fwAVG=1.91
sdW=45.6
fwW=1.91
sdS=137.2
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=139.2
fwN=2.07
sdE=257.1
fwE=2.15
20260131T031017.0001.fits
SecZ=1.06
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.4 16.5 17.6
ALT/AZ=70.7 -117.1
fwAVG=2.09
sdW=78.7
fwW=2.06
sdS=198.6
fwS=2.07
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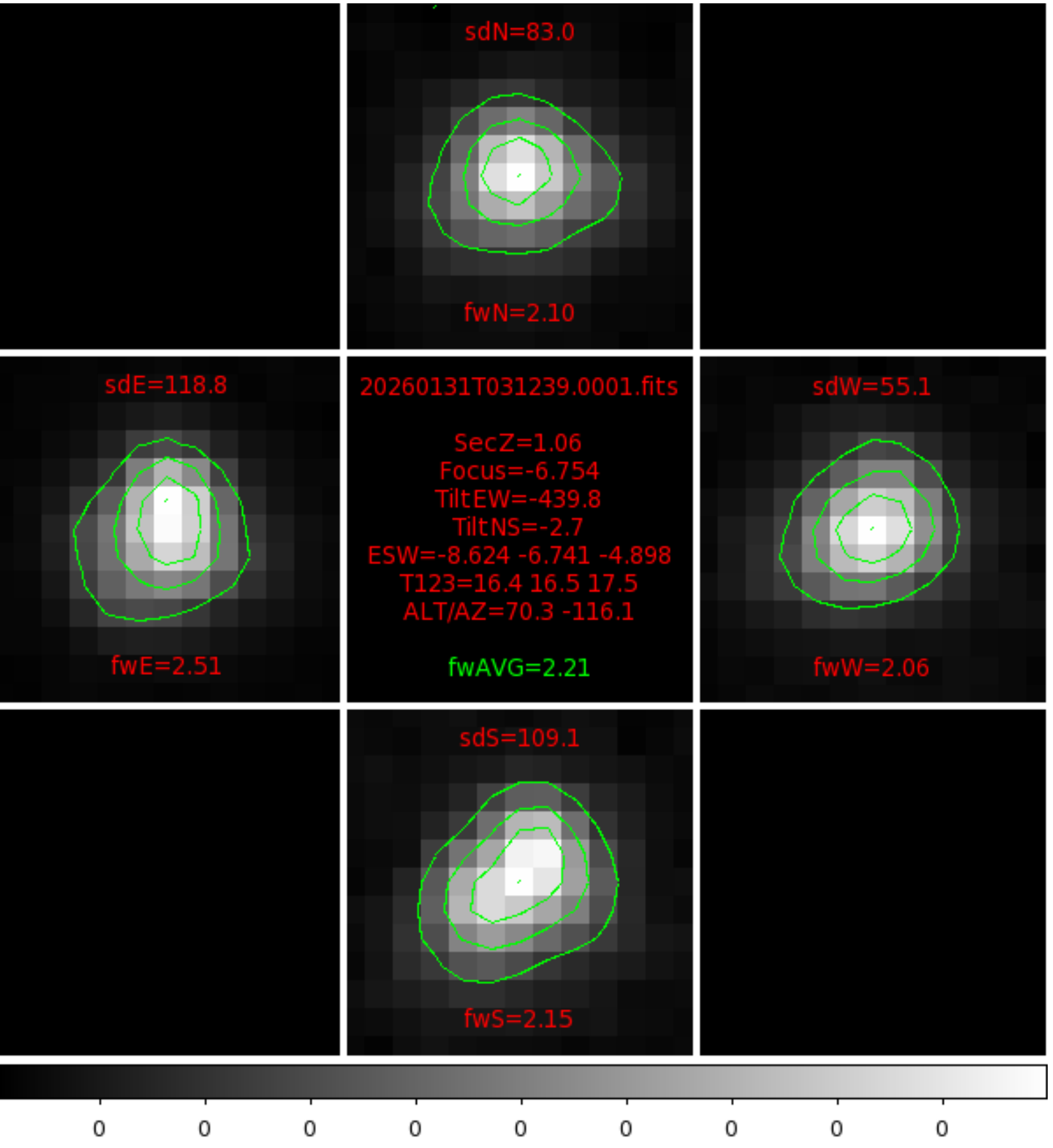
sdN=83.0
fwN=2.10
sdE=118.8
fwE=2.51
20260131T031239.0001.fits
SecZ=1.06
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.4 16.5 17.5
ALT/AZ=70.3 -116.1
fwAVG=2.21
sdW=55.1
fwW=2.06
sdS=109.1
fwS=2.15
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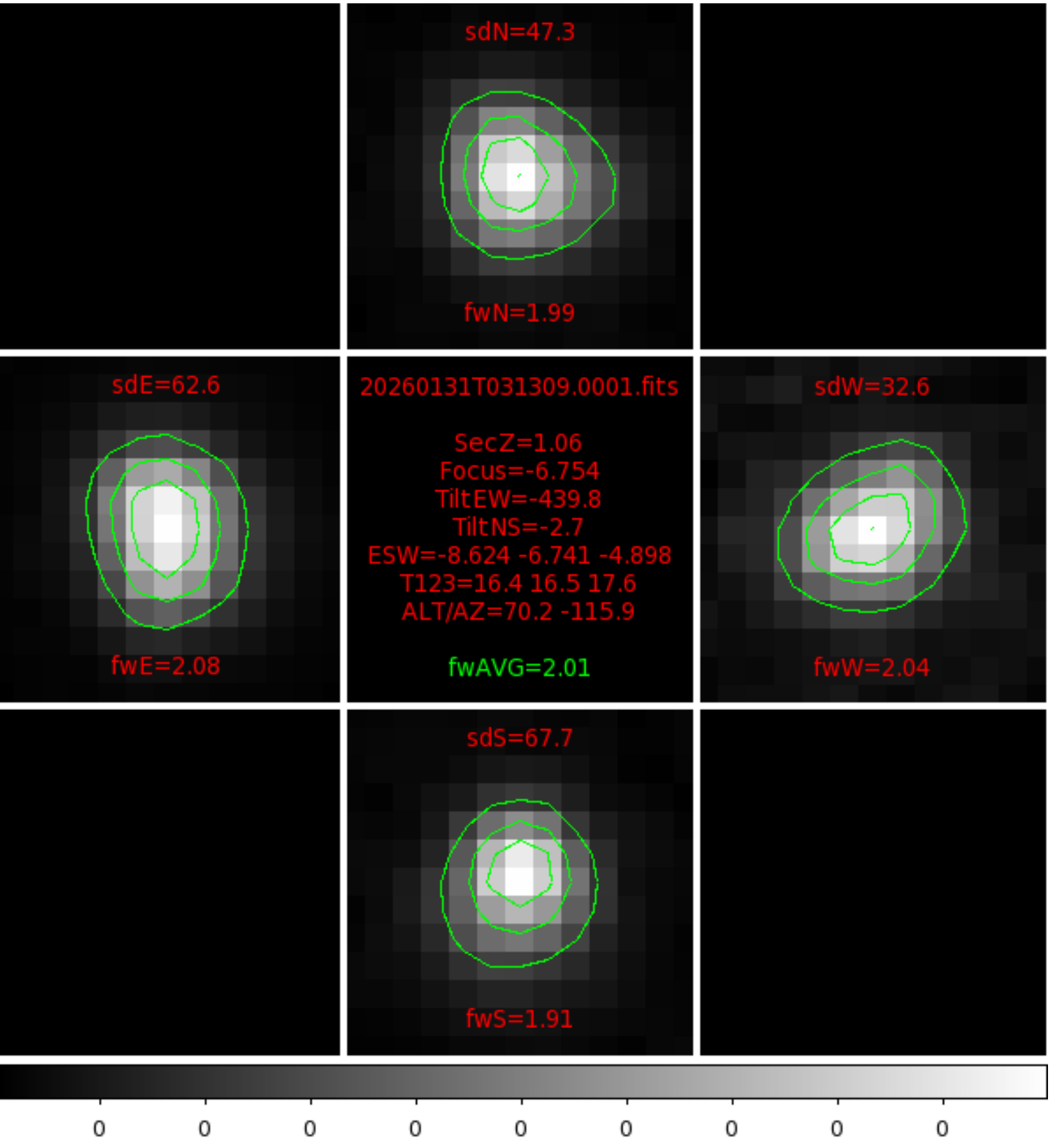
sdN=47.3
fwN=1.99
sdE=62.6
fwE=2.08
20260131T031309.0001.fits
SecZ=1.06
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.4 16.5 17.6
ALT/AZ=70.2 -115.9
fwAVG=2.01
sdW=32.6
fwW=2.04
sdS=67.7
fwS=1.91
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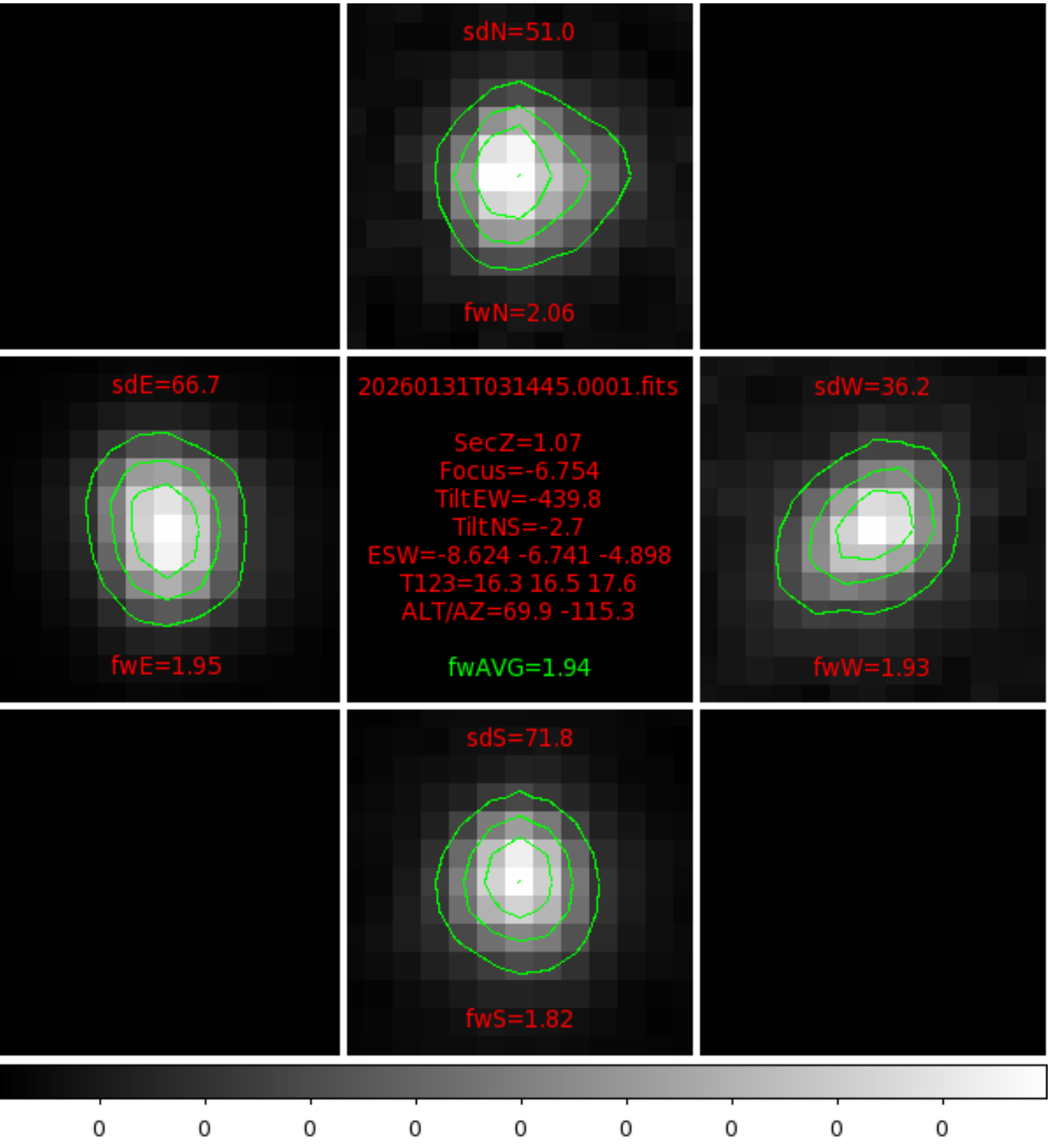
sdN=51.0
fwN=2.06
sdE=66.7
fwE=1.95
20260131T031445.0001.fits
SecZ=1.07
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.3 16.5 17.6
ALT/AZ=69.9 -115.3
fwAVG=1.94
sdW=36.2
fwW=1.93
sdS=71.8
fwS=1.82
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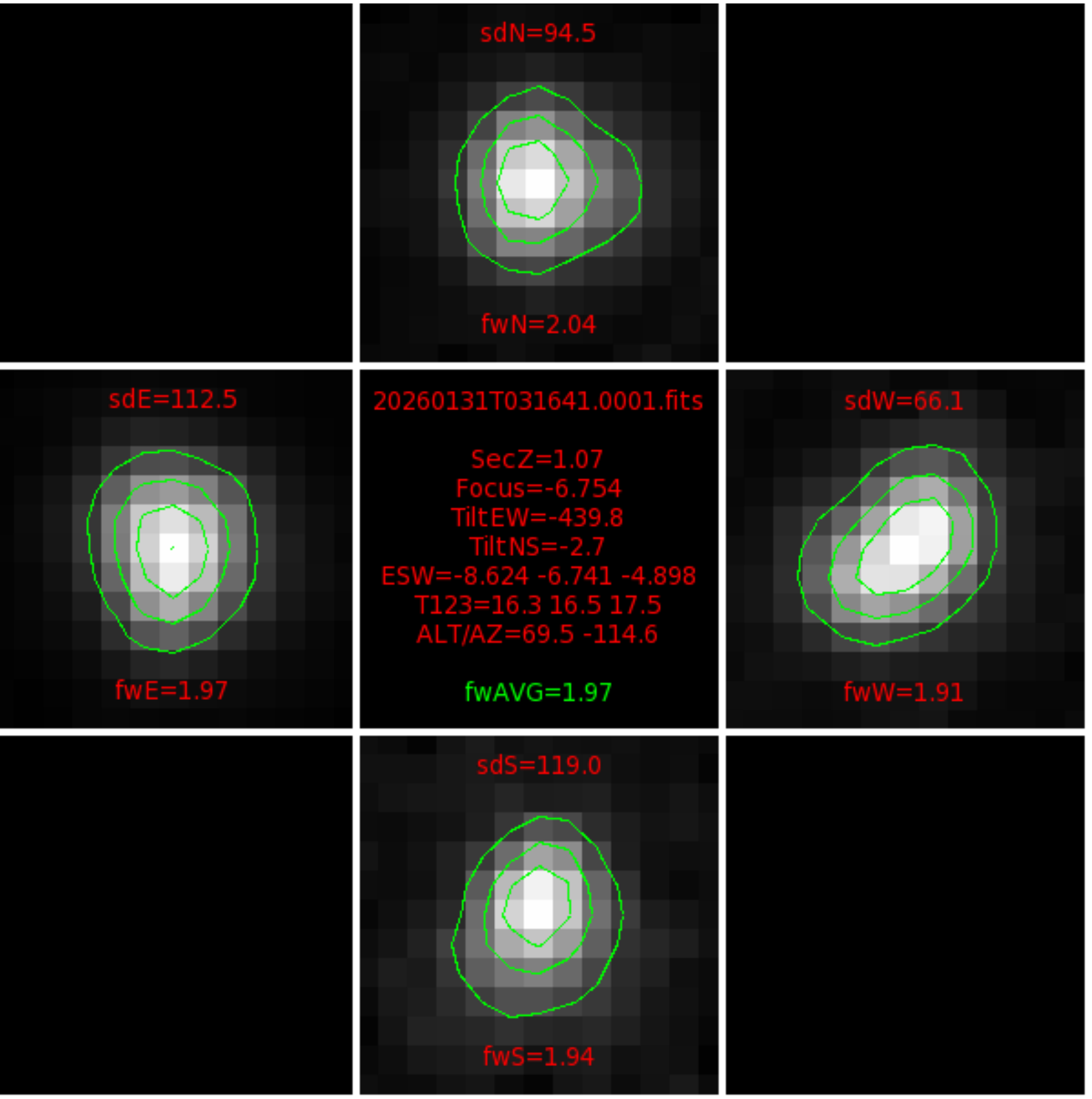
sdN=94.5
fwN=2.04
sdE=112.5
fwE=1.97
20260131T031641.0001.fits
SecZ=1.07
Focus=-6.754
TiltEW=-439.8
TiltNS=-2.7
ESW=-8.624 -6.741 -4.898
T123=16.3 16.5 17.5
ALT/AZ=69.5 -114.6
fwAVG=1.97
sdW=66.1
fwW=1.91
sdS=119.0
fwS=1.94
0 0 0 0 0 0 0 0 0