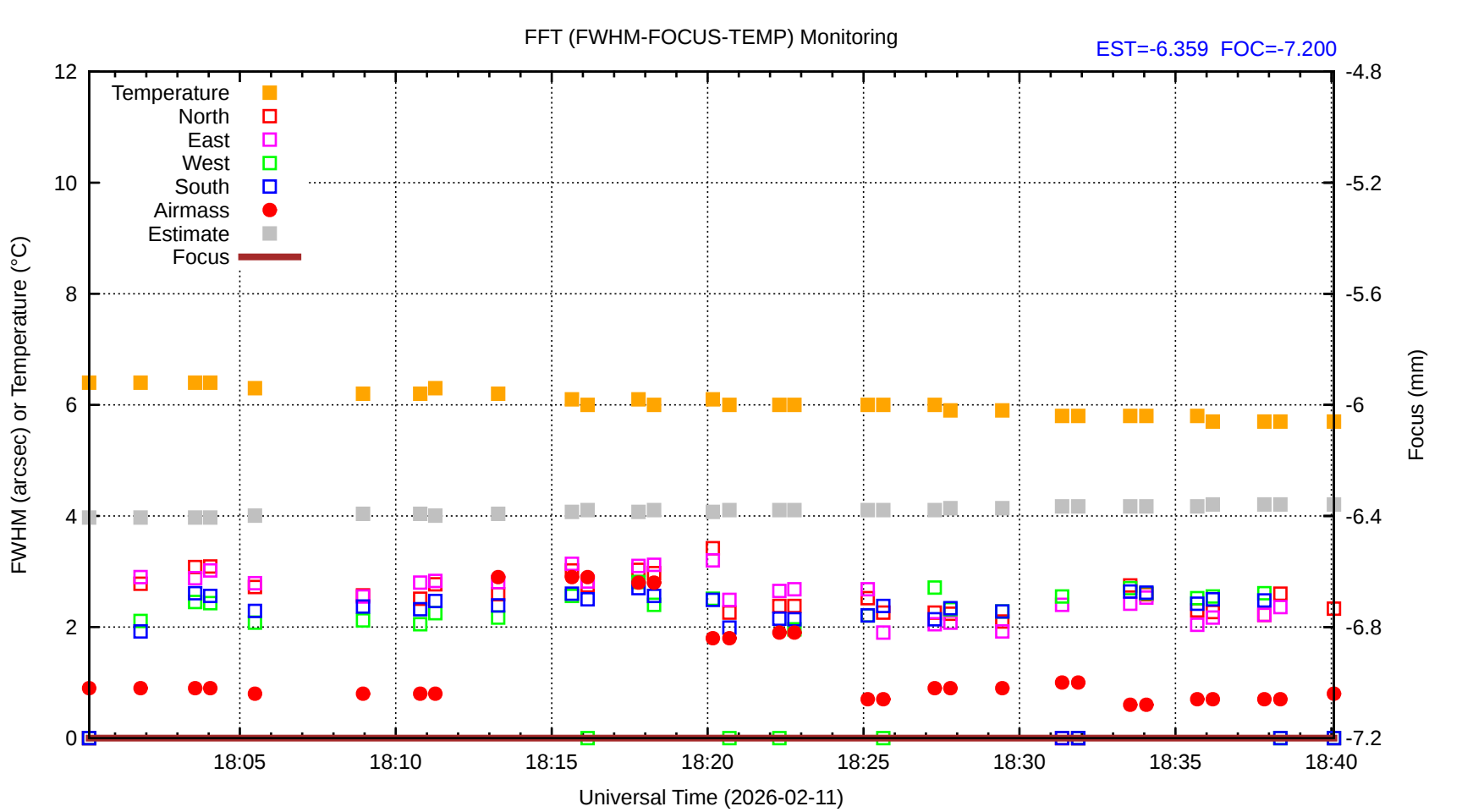
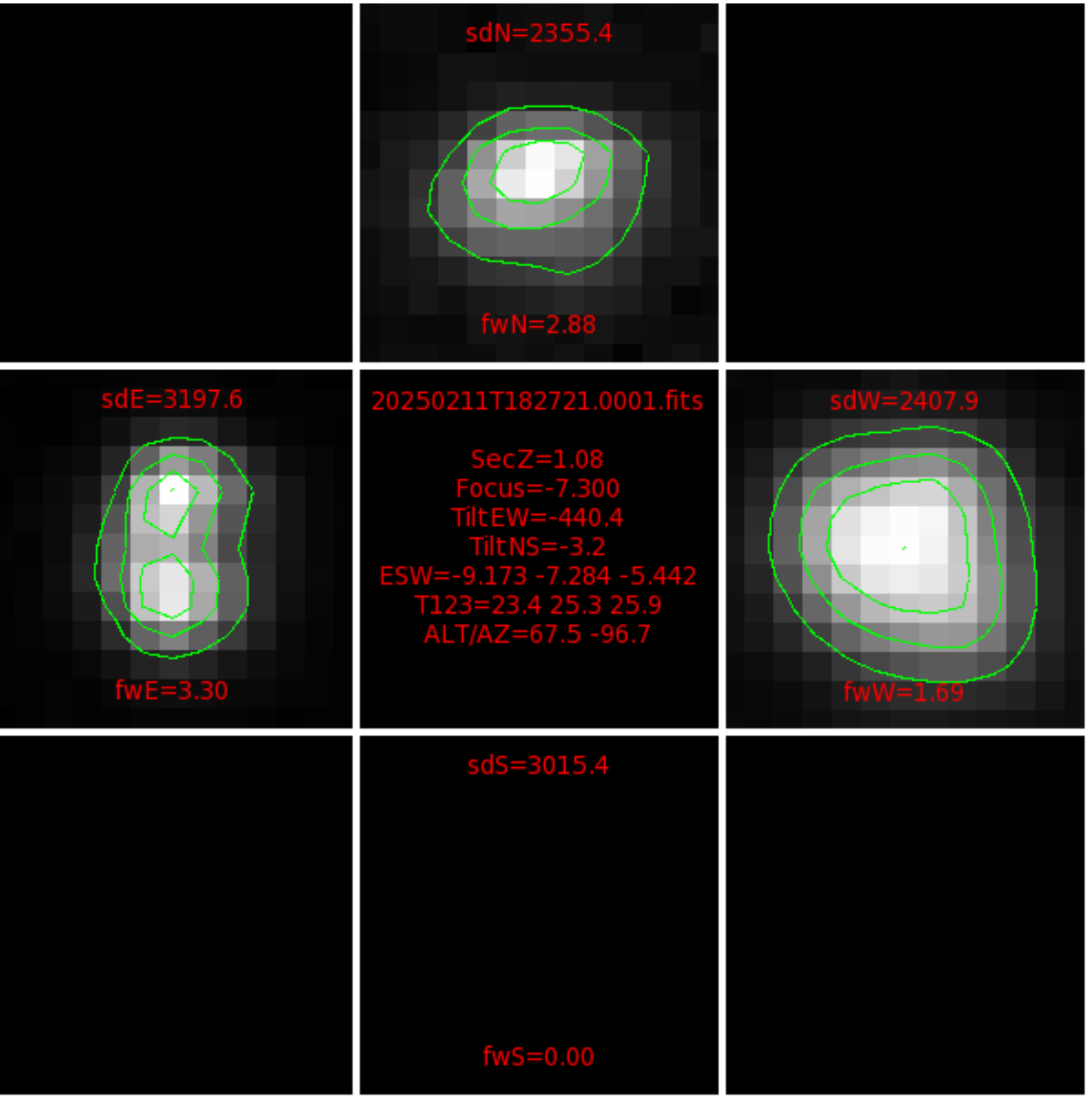

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-6.359 FOC=-7.200
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2026-02-11)
0
2
4
6
8
10
12
-7.2
-6.8
-6.4
-6
-5.6
-5.2
-4.8
18:05
18:10
18:15
18:20
18:25
18:30
18:35
18:40


sdN=2355.4
fwN=2.88
sdE=3197.6
fwE=3.30
20250211T182721.0001.fits
SecZ=1.08
Focus=-7.300
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.173 -7.284 -5.442
T123=23.4 25.3 25.9
ALT/AZ=67.5 -96.7
sdW=2407.9
fwW=1.69
sdS=3015.4
fwS=0.00
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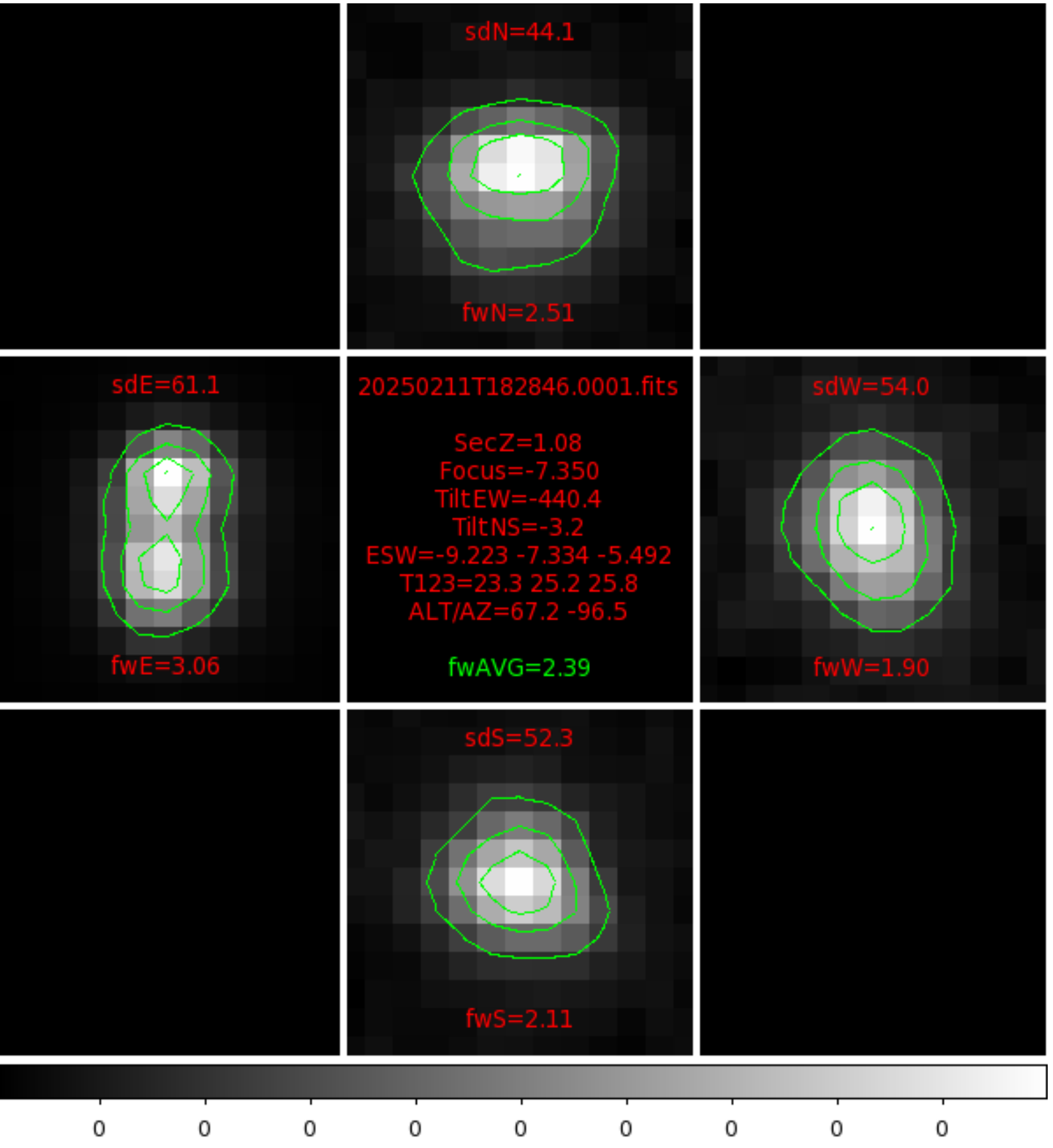
sdN=44.1
fwN=2.51
sdE=61.1
fwE=3.06
20250211T182846.0001.fits
SecZ=1.08
Focus=-7.350
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.223 -7.334 -5.492
T123=23.3 25.2 25.8
ALT/AZ=67.2 -96.5
fwAVG=2.39
sdW=54.0
fwW=1.90
sdS=52.3
fwS=2.11
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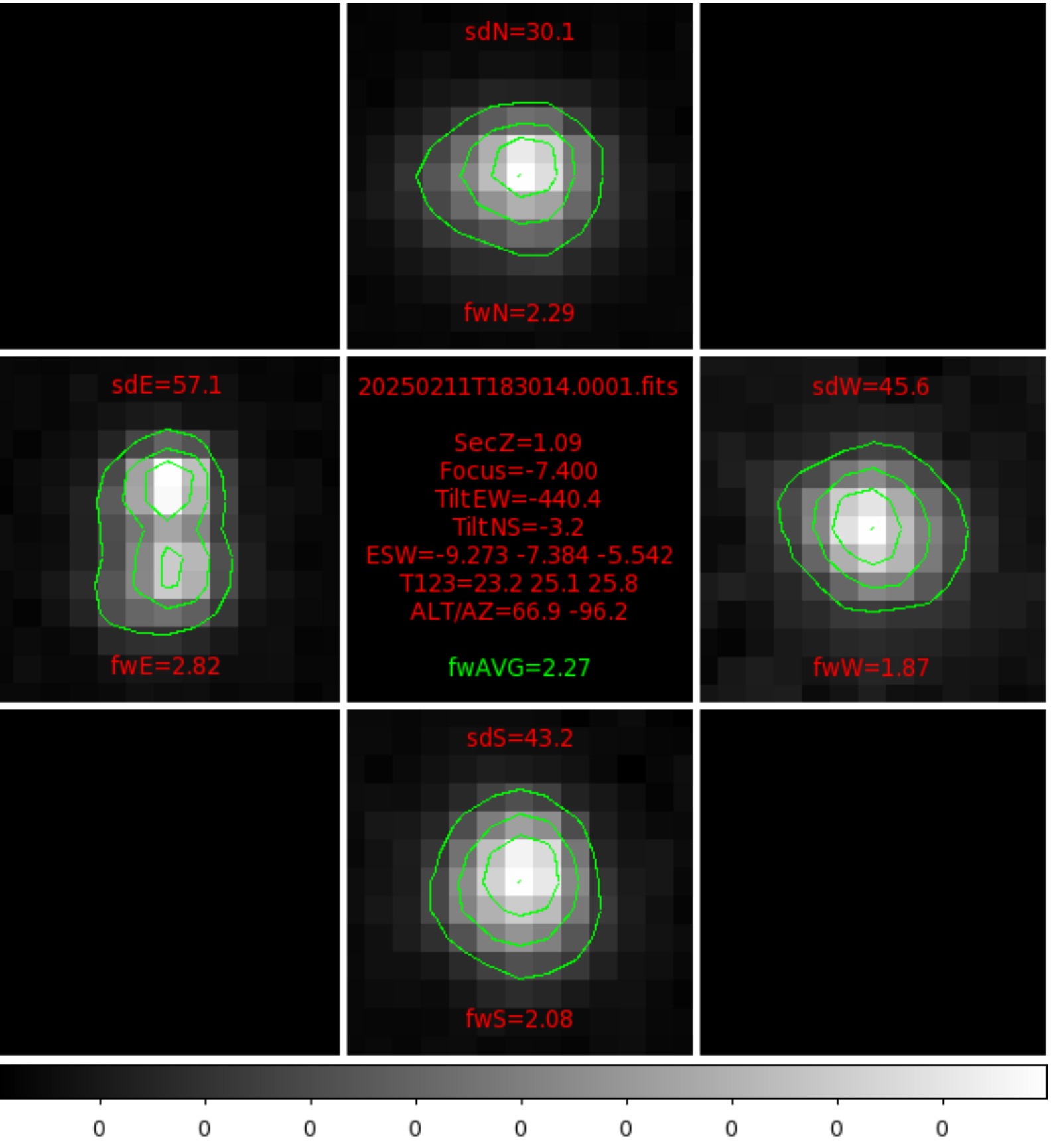
sdN=30.1
fwN=2.29
sdE=57.1
fwE=2.82
20250211T183014.0001.fits
SecZ=1.09
Focus=-7.400
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.273 -7.384 -5.542
T123=23.2 25.1 25.8
ALT/AZ=66.9 -96.2
fwAVG=2.27
sdW=45.6
fwW=1.87
sdS=43.2
fwS=2.08
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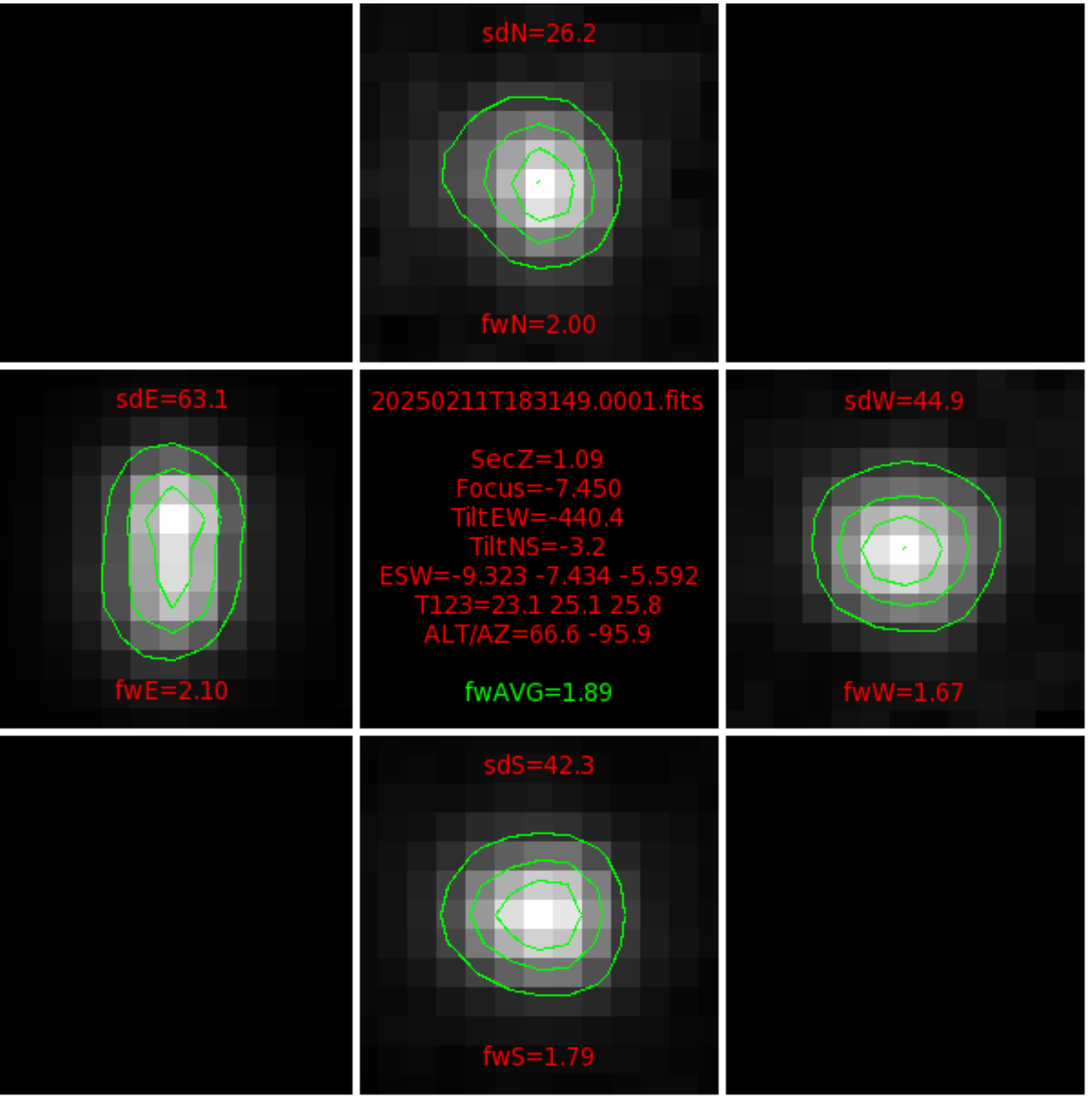
sdN=26.2
fwN=2.00
sdE=63.1
fwE=2.10
20250211T183149.0001.fits
SecZ=1.09
Focus=-7.450
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.323 -7.434 -5.592
T123=23.1 25.1 25.8
ALT/AZ=66.6 -95.9
fwAVG=1.89
sdW=44.9
fwW=1.67
sdS=42.3
fwS=1.79
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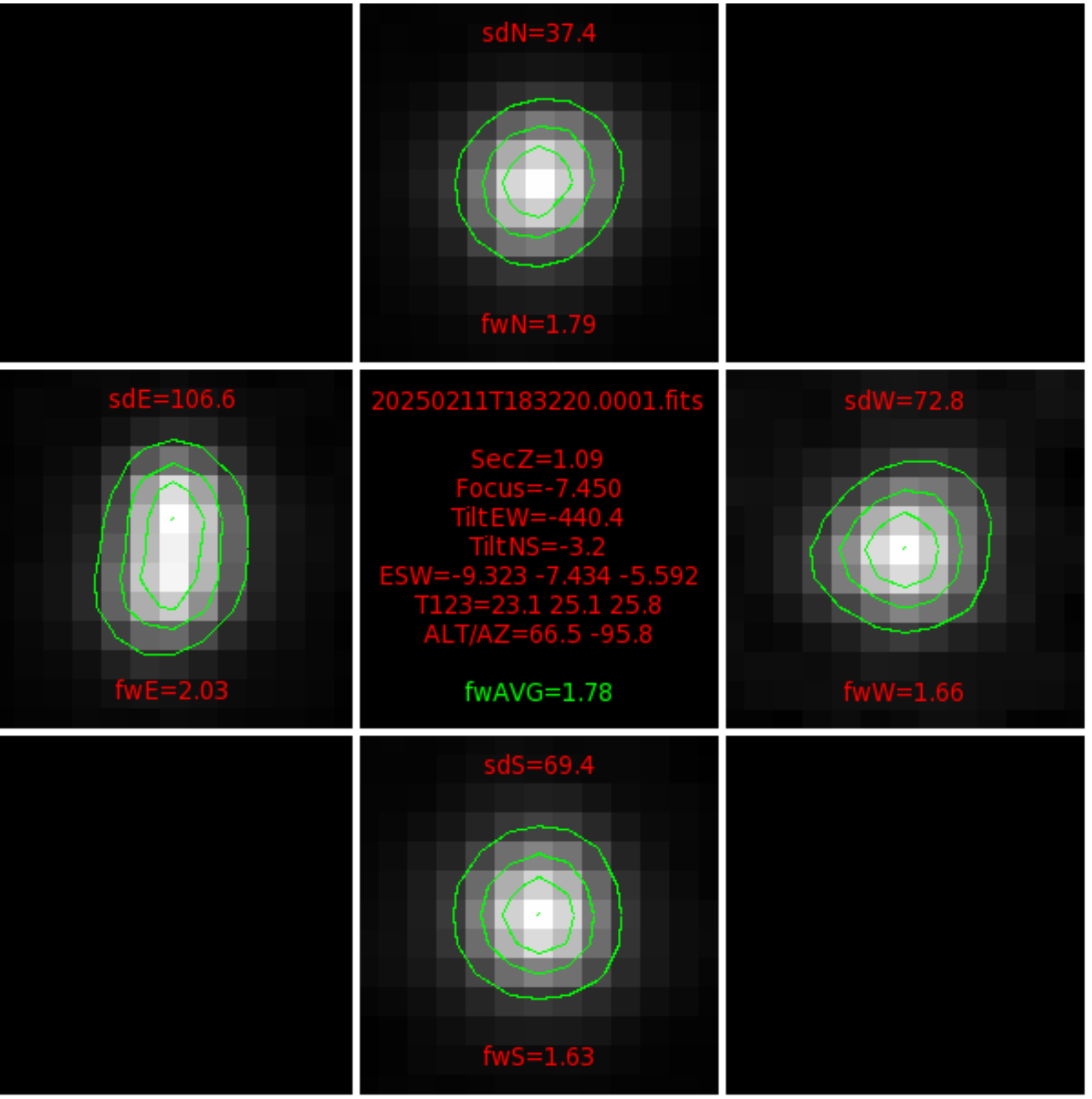
sdN=37.4
fwN=1.79
sdE=106.6
fwE=2.03
20250211T183220.0001.fits
SecZ=1.09
Focus=-7.450
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.323 -7.434 -5.592
T123=23.1 25.1 25.8
ALT/AZ=66.5 -95.8
fwAVG=1.78
sdW=72.8
fwW=1.66
sdS=69.4
fwS=1.63
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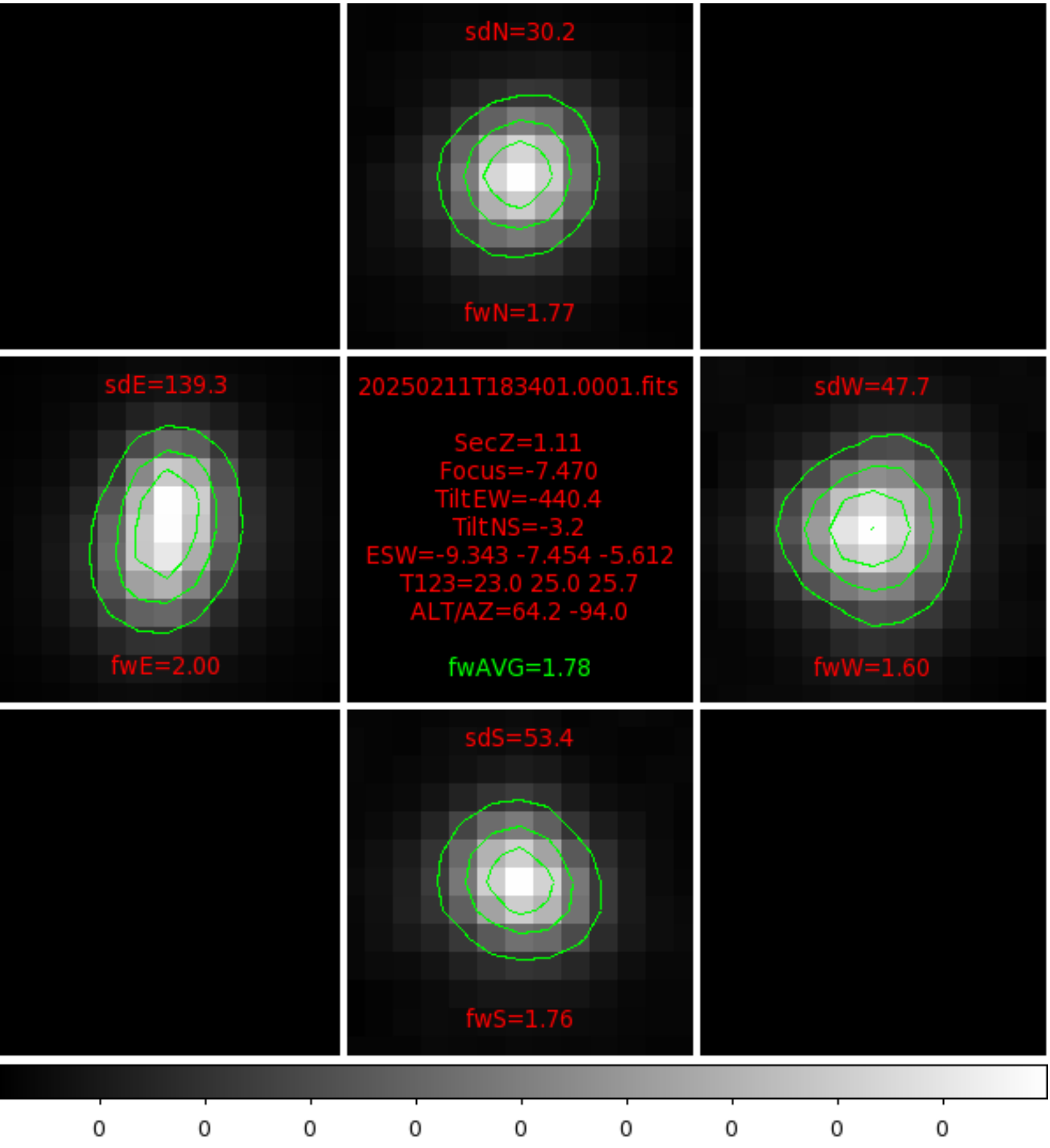
sdN=30.2
fwN=1.77
sdE=139.3
fwE=2.00
20250211T183401.0001.fits
SecZ=1.11
Focus=-7.470
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.343 -7.454 -5.612
T123=23.0 25.0 25.7
ALT/AZ=64.2 -94.0
fwAVG=1.78
sdW=47.7
fwW=1.60
sdS=53.4
fwS=1.76
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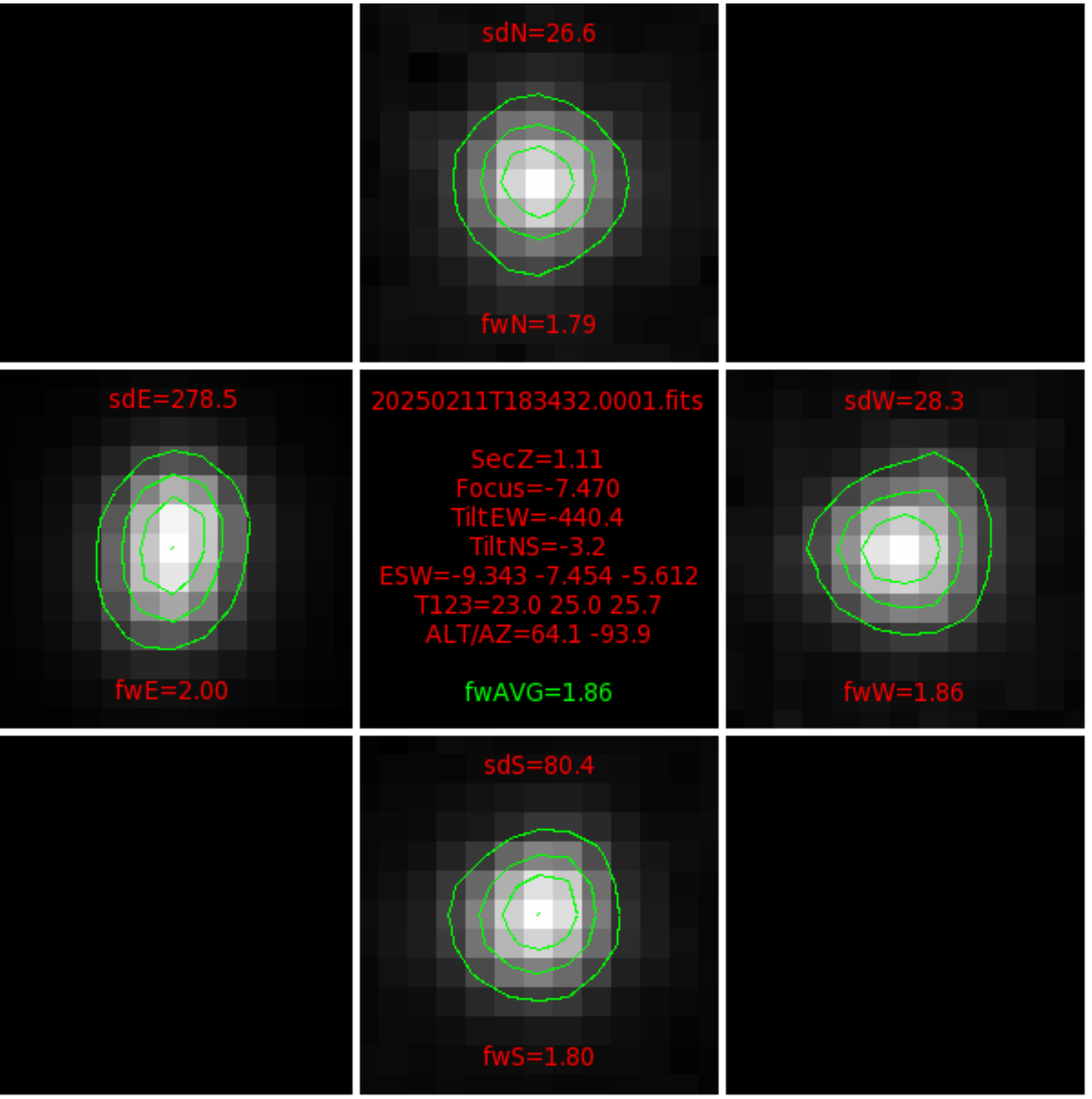
sdN=26.6
fwN=1.79
sdE=278.5
fwE=2.00
20250211T183432.0001.fits
SecZ=1.11
Focus=-7.470
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.343 -7.454 -5.612
T123=23.0 25.0 25.7
ALT/AZ=64.1 -93.9
fwAVG=1.86
sdW=28.3
fwW=1.86
sdS=80.4
fwS=1.80
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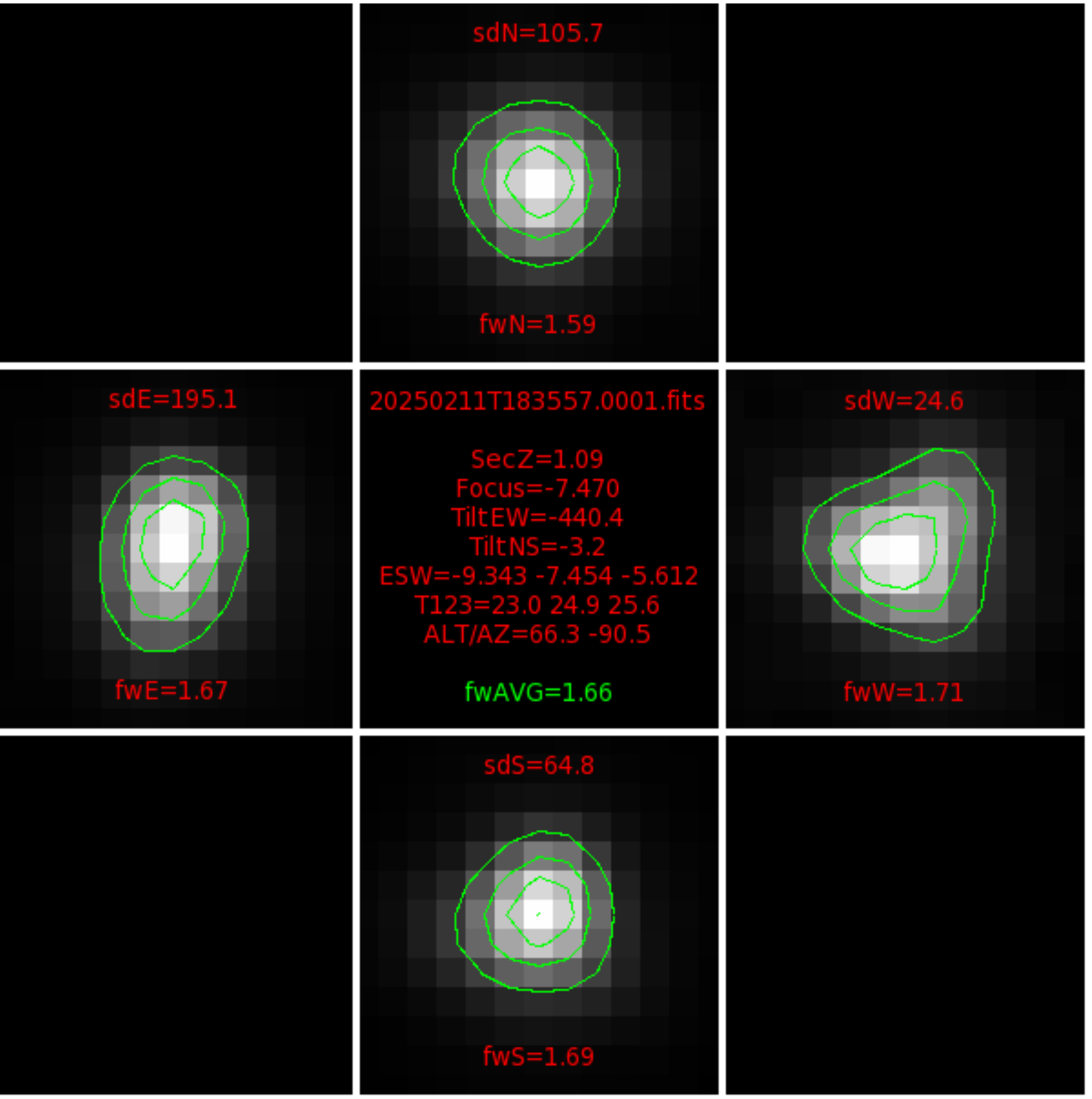
sdN=105.7
fwN=1.59
sdE=195.1
fwE=1.67
20250211T183557.0001.fits
SecZ=1.09
Focus=-7.470
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.343 -7.454 -5.612
T123=23.0 24.9 25.6
ALT/AZ=66.3 -90.5
fwAVG=1.66
sdW=24.6
fwW=1.71
sdS=64.8
fwS=1.69
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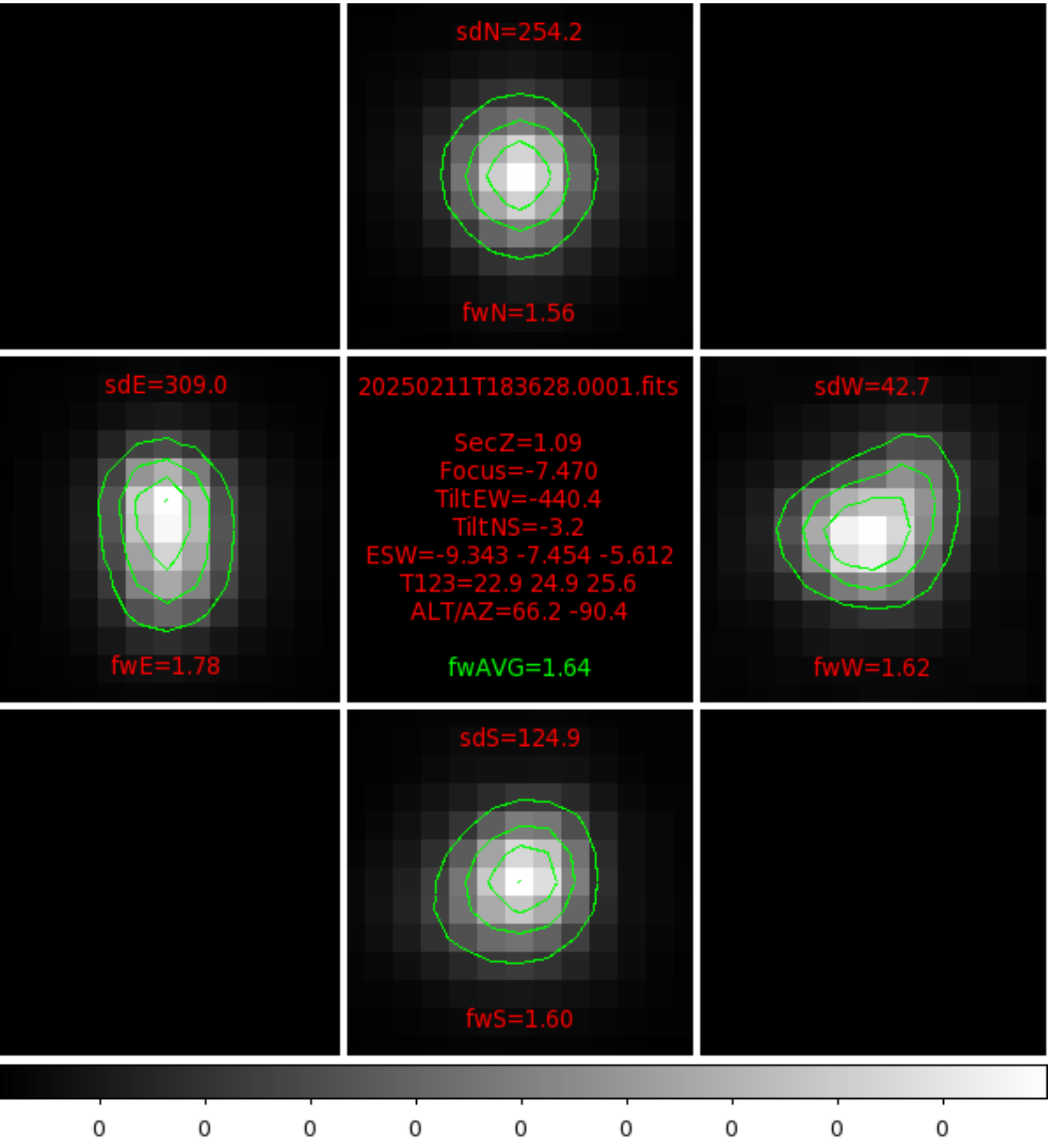
sdN=254.2
fwN=1.56
sdE=309.0
fwE=1.78
20250211T183628.0001.fits
SecZ=1.09
Focus=-7.470
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.343 -7.454 -5.612
T123=22.9 24.9 25.6
ALT/AZ=66.2 -90.4
fwAVG=1.64
sdW=42.7
fwW=1.62
sdS=124.9
fwS=1.60
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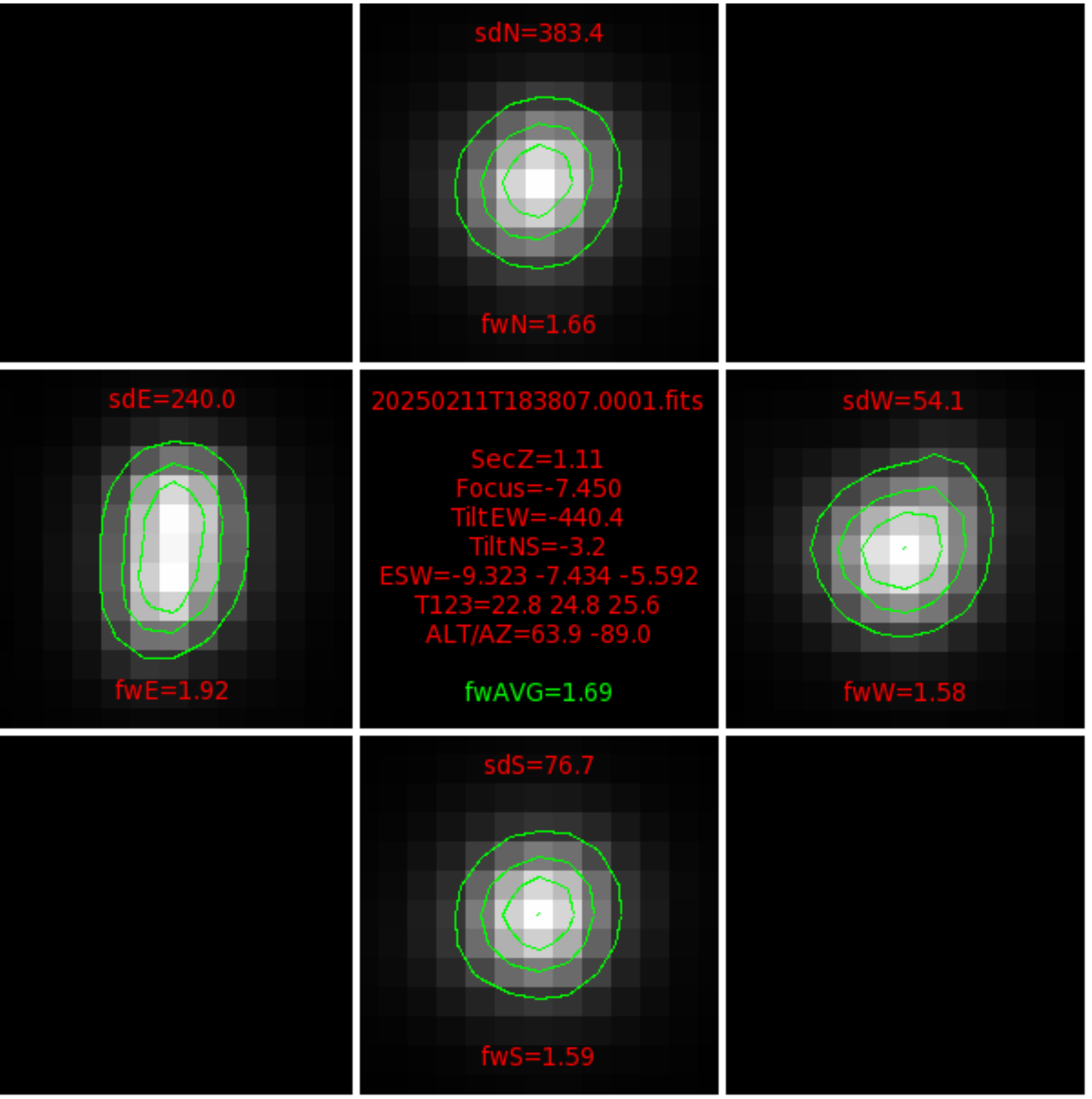
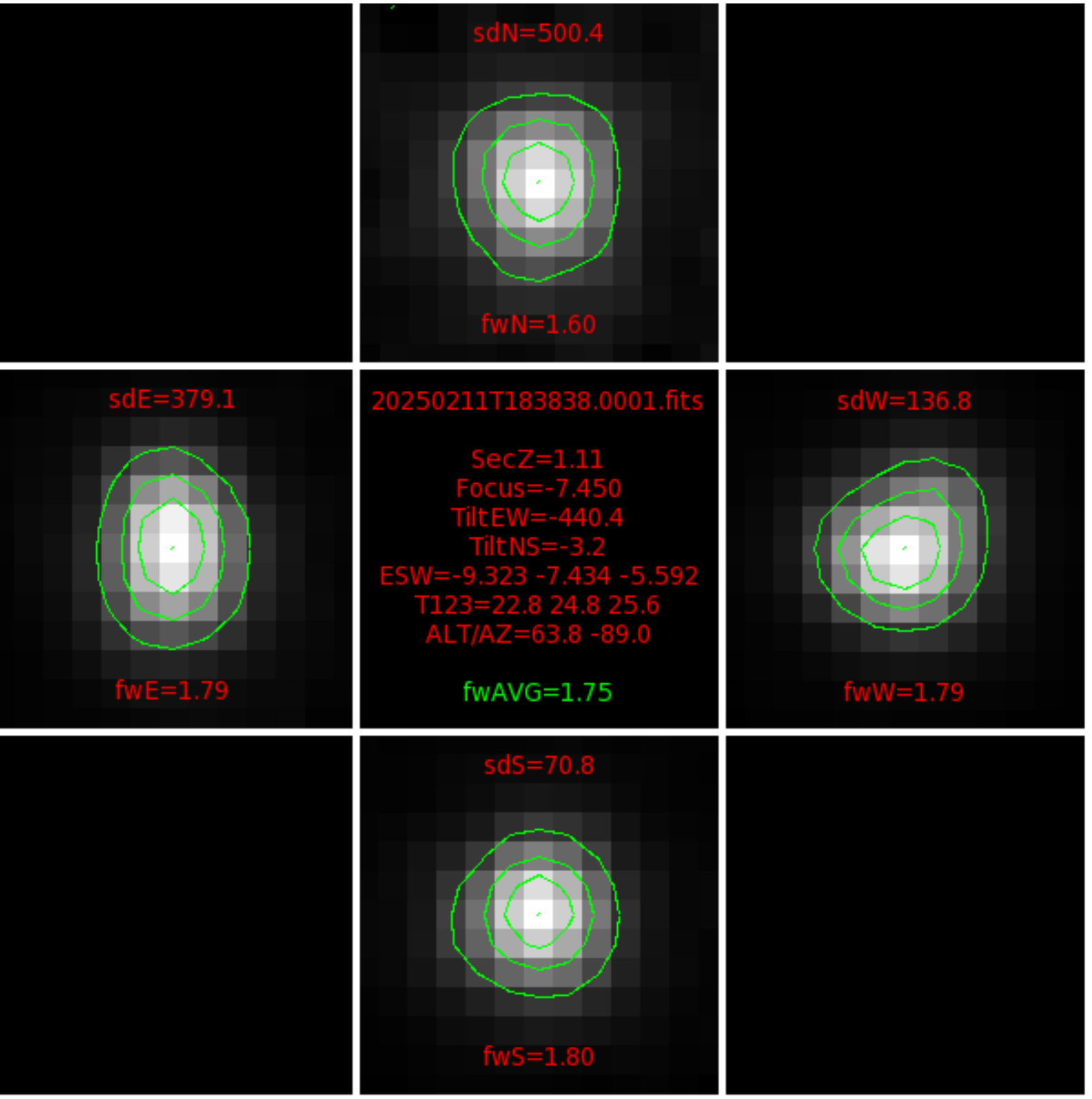
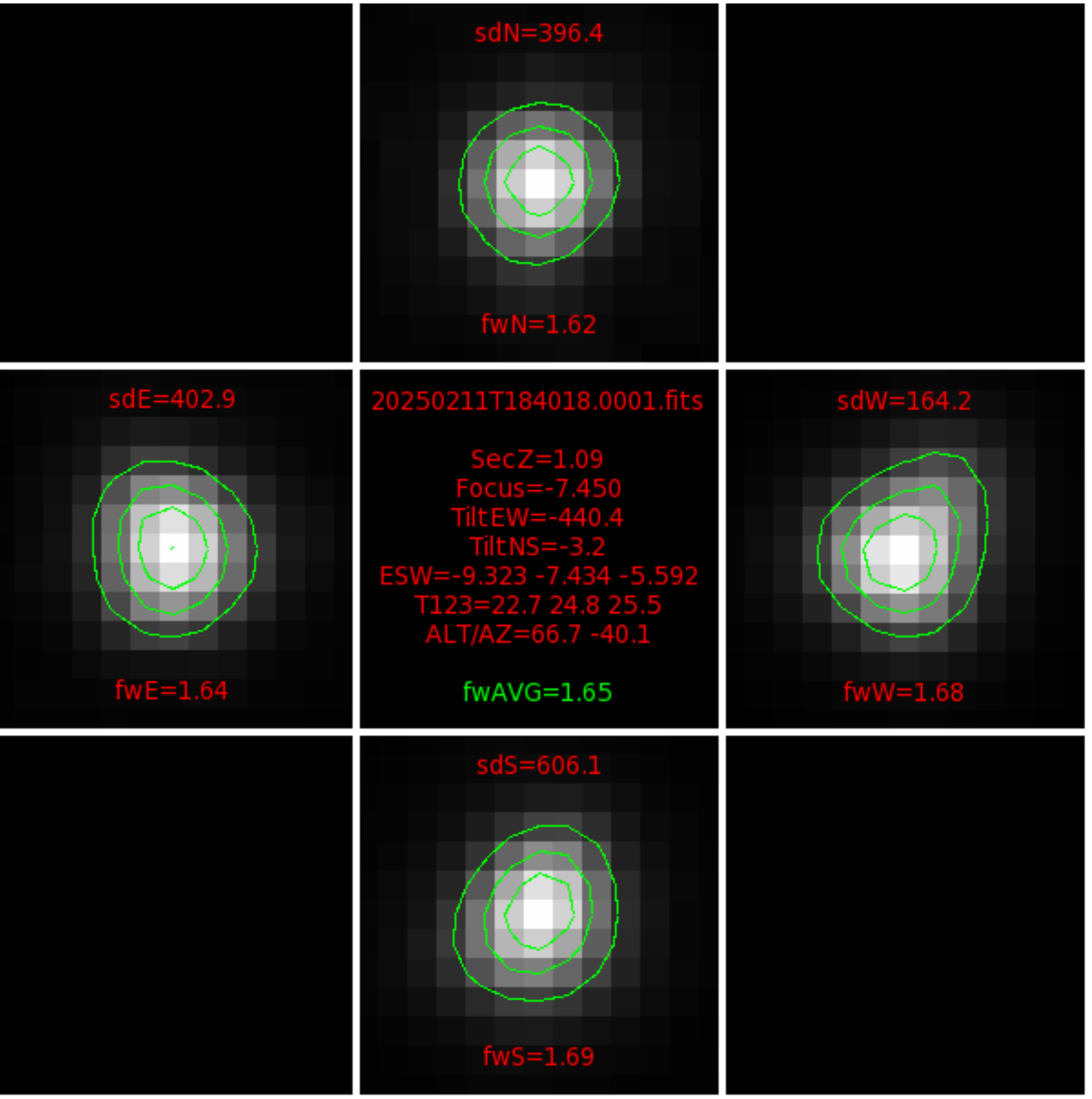
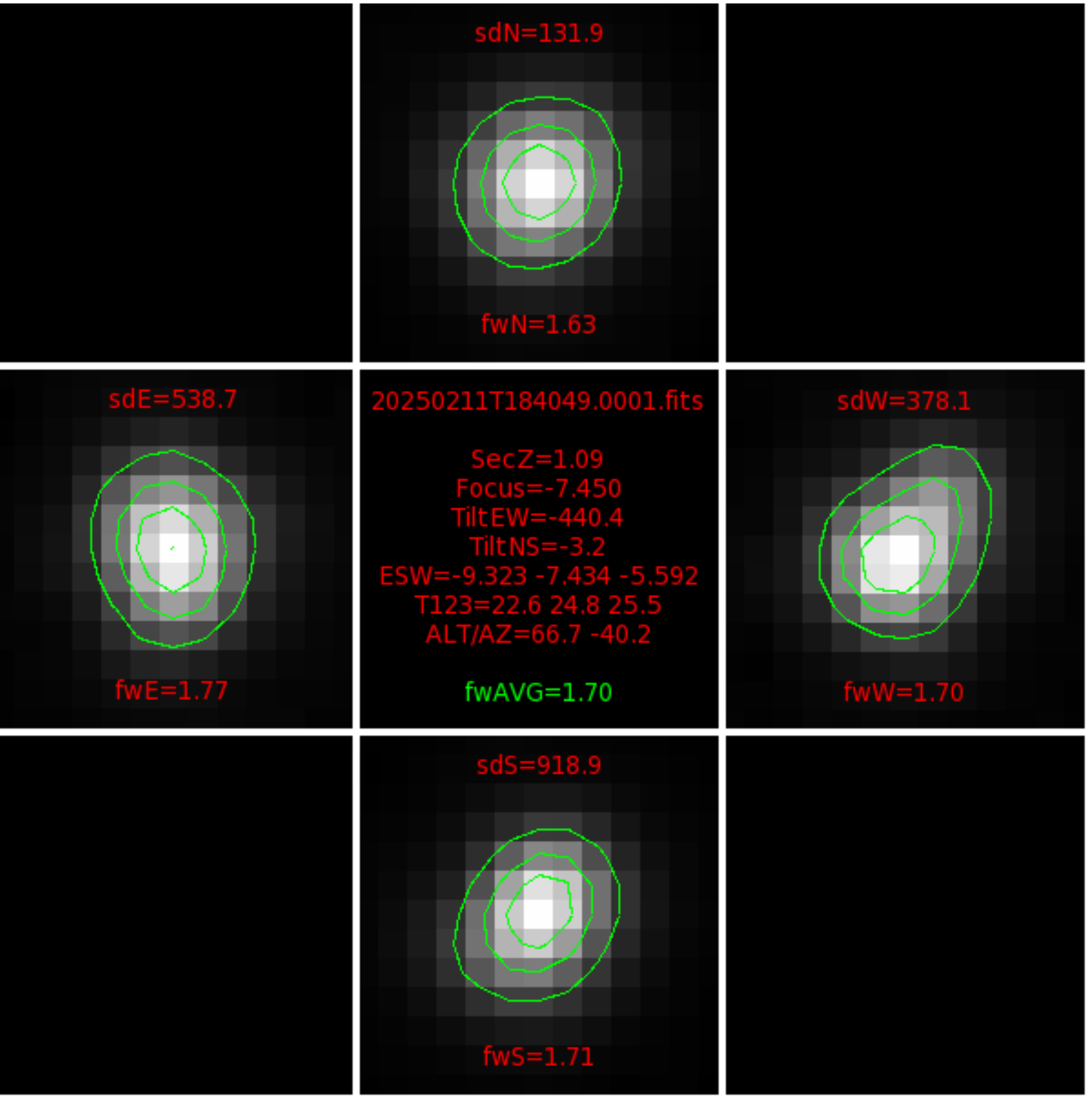
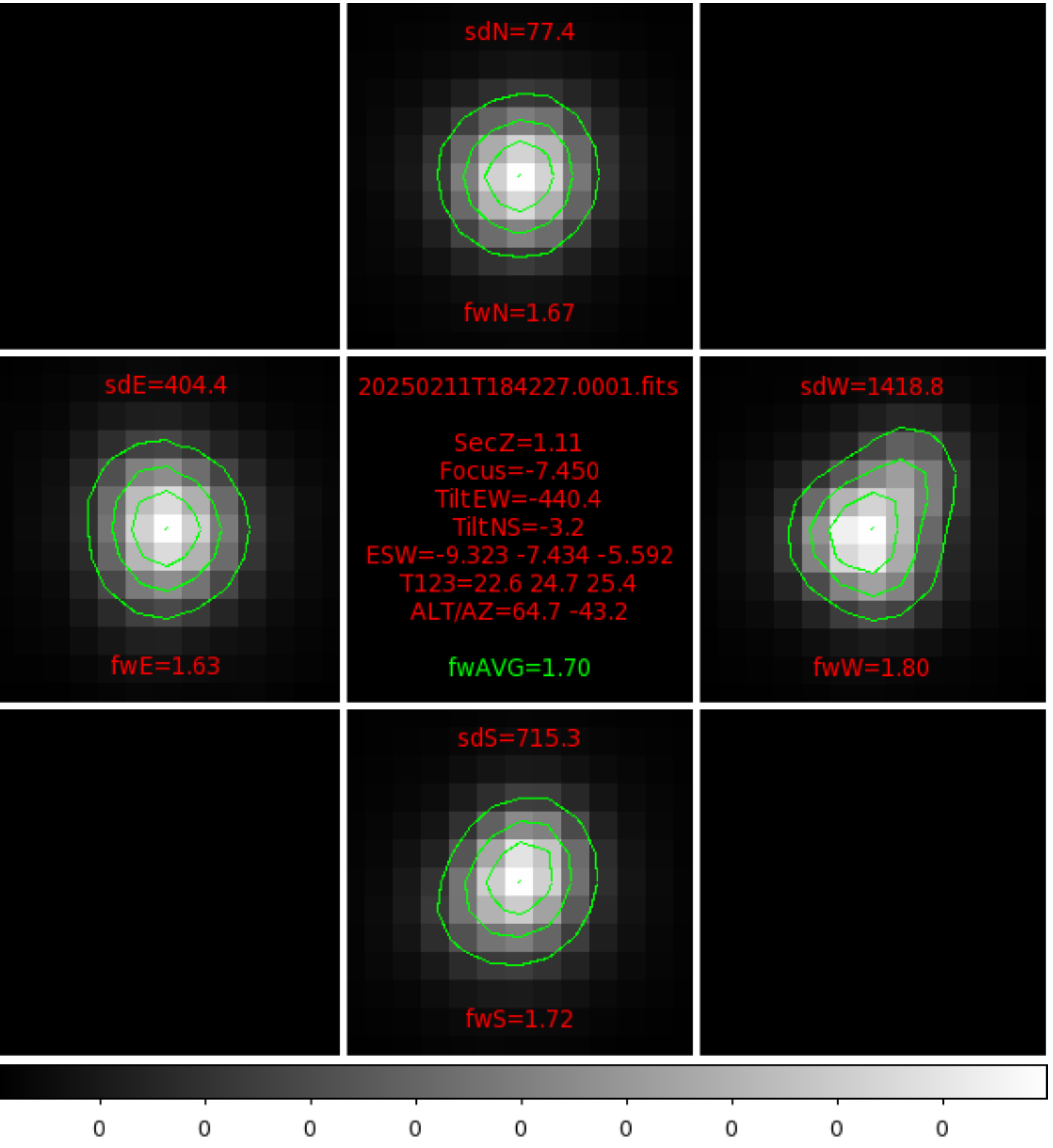
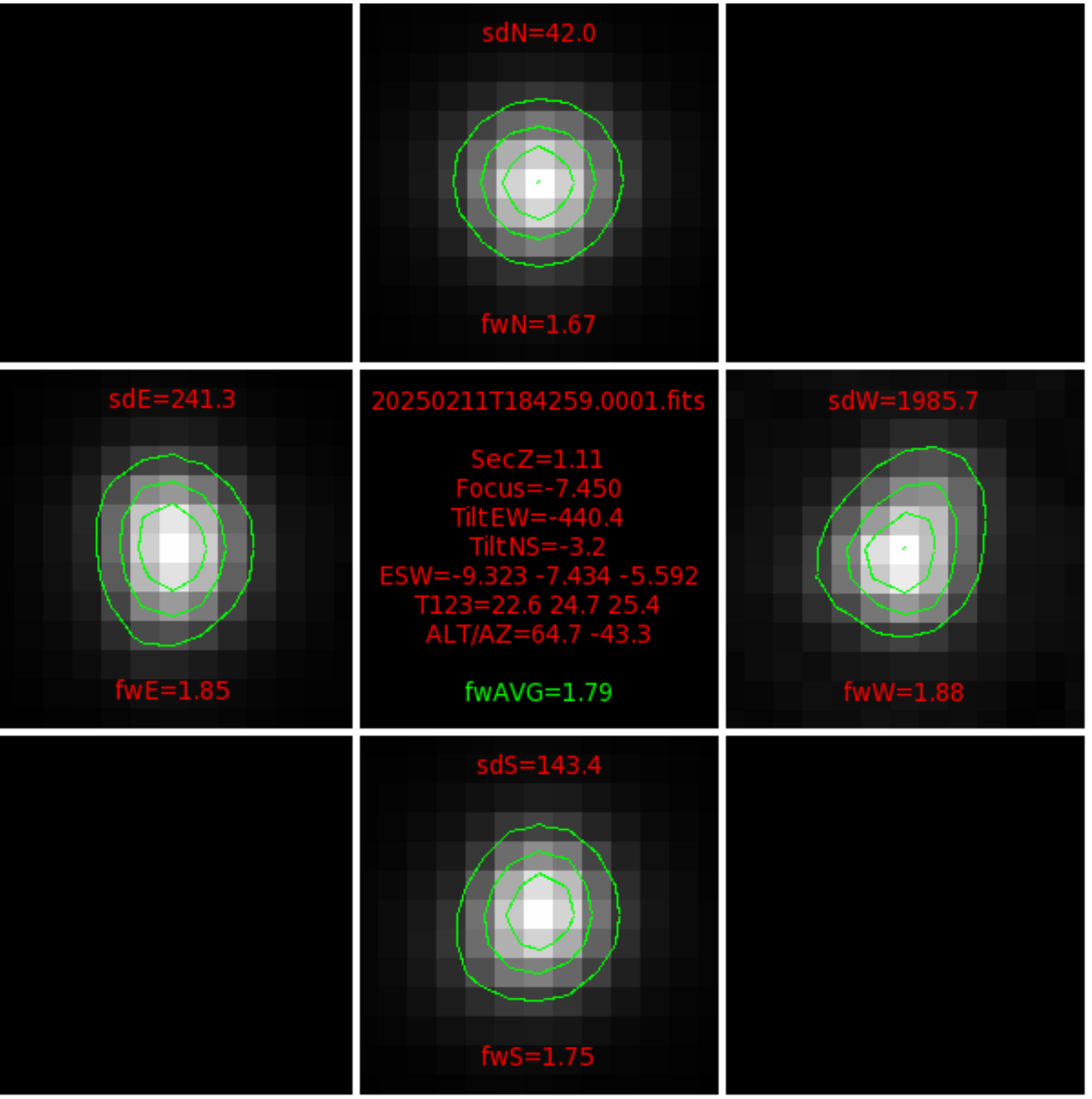

sdN=383.4
fwN=1.66
sdE=240.0
fwE=1.92
20250211T183807.0001.fits
SecZ=1.11
Focus=-7.450
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.323 -7.434 -5.592
T123=22.8 24.8 25.6
ALT/AZ=63.9 -89.0
fwAVG=1.69
sdW=54.1
fwW=1.58
sdS=76.7
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=500.4
fwN=1.60
sdE=379.1
fwE=1.79
20250211T183838.0001.fits
SecZ=1.11
Focus=-7.450
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.323 -7.434 -5.592
T123=22.8 24.8 25.6
ALT/AZ=63.8 -89.0
fwAVG=1.75
sdW=136.8
fwW=1.79
sdS=70.8
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=396.4
fwN=1.62
sdE=402.9
fwE=1.64
20250211T184018.0001.fits
SecZ=1.09
Focus=-7.450
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.323 -7.434 -5.592
T123=22.7 24.8 25.5
ALT/AZ=66.7 -40.1
fwAVG=1.65
sdW=164.2
fwW=1.68
sdS=606.1
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=131.9
fwN=1.63
sdE=538.7
fwE=1.77
20250211T184049.0001.fits
SecZ=1.09
Focus=-7.450
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.323 -7.434 -5.592
T123=22.6 24.8 25.5
ALT/AZ=66.7 -40.2
fwAVG=1.70
sdW=378.1
fwW=1.70
sdS=918.9
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=77.4
fwN=1.67
sdE=404.4
fwE=1.63
20250211T184227.0001.fits
SecZ=1.11
Focus=-7.450
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.323 -7.434 -5.592
T123=22.6 24.7 25.4
ALT/AZ=64.7 -43.2
fwAVG=1.70
sdW=1418.8
fwW=1.80
sdS=715.3
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=42.0
fwN=1.67
sdE=241.3
fwE=1.85
20250211T184259.0001.fits
SecZ=1.11
Focus=-7.450
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.323 -7.434 -5.592
T123=22.6 24.7 25.4
ALT/AZ=64.7 -43.3
fwAVG=1.79
sdW=1985.7
fwW=1.88
sdS=143.4
fwS=1.75
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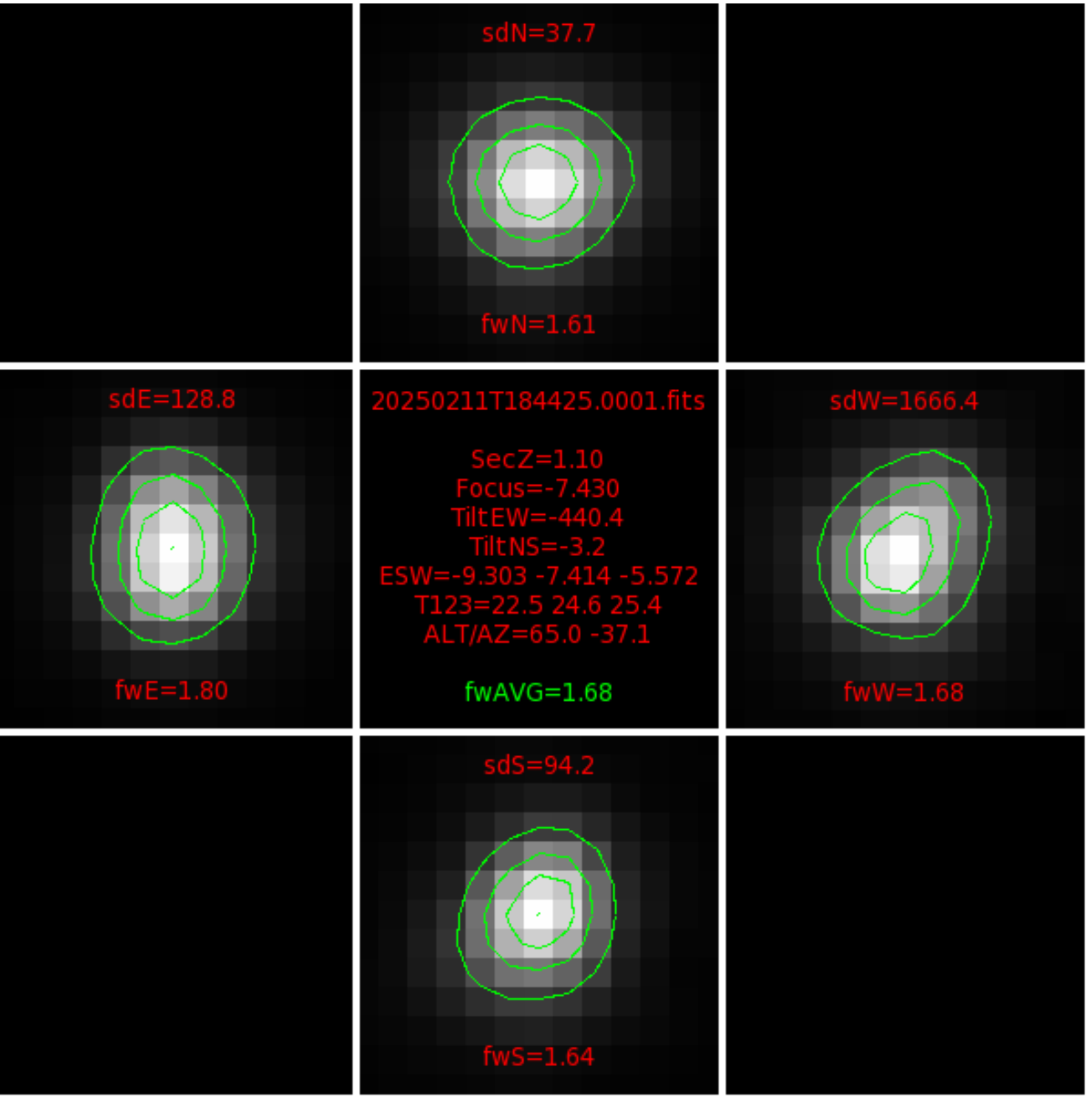
sdN=37.7
fwN=1.61
sdE=128.8
fwE=1.80
20250211T184425.0001.fits
SecZ=1.10
Focus=-7.430
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.303 -7.414 -5.572
T123=22.5 24.6 25.4
ALT/AZ=65.0 -37.1
fwAVG=1.68
sdW=1666.4
fwW=1.68
sdS=94.2
fwS=1.64
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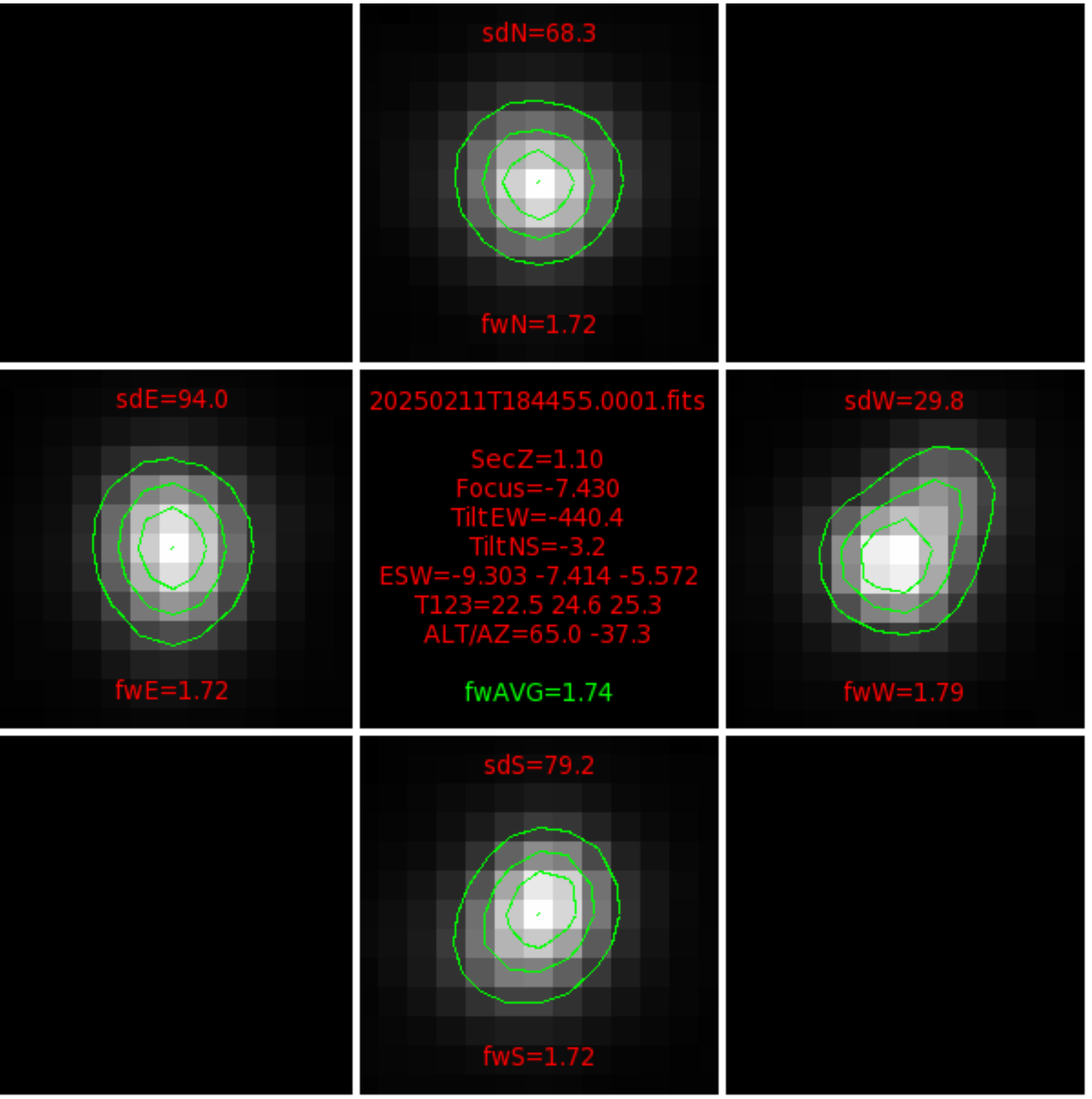
sdN=68.3
fwN=1.72
sdE=94.0
fwE=1.72
20250211T184455.0001.fits
SecZ=1.10
Focus=-7.430
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.303 -7.414 -5.572
T123=22.5 24.6 25.3
ALT/AZ=65.0 -37.3
fwAVG=1.74
sdW=29.8
fwW=1.79
sdS=79.2
fwS=1.72
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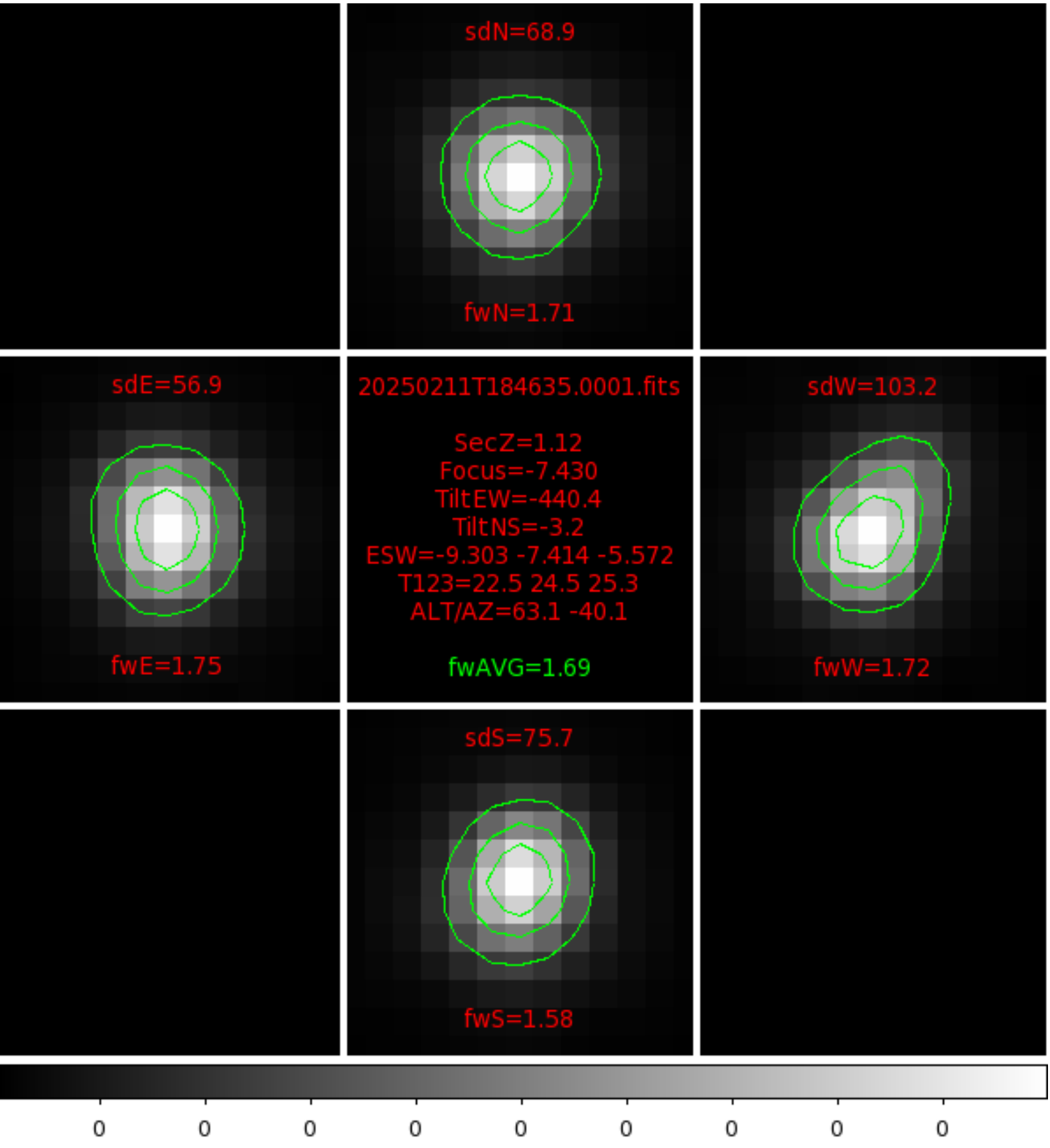
sdN=68.9
fwN=1.71
sdE=56.9
fwE=1.75
20250211T184635.0001.fits
SecZ=1.12
Focus=-7.430
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.303 -7.414 -5.572
T123=22.5 24.5 25.3
ALT/AZ=63.1 -40.1
fwAVG=1.69
sdW=103.2
fwW=1.72
sdS=75.7
fwS=1.58
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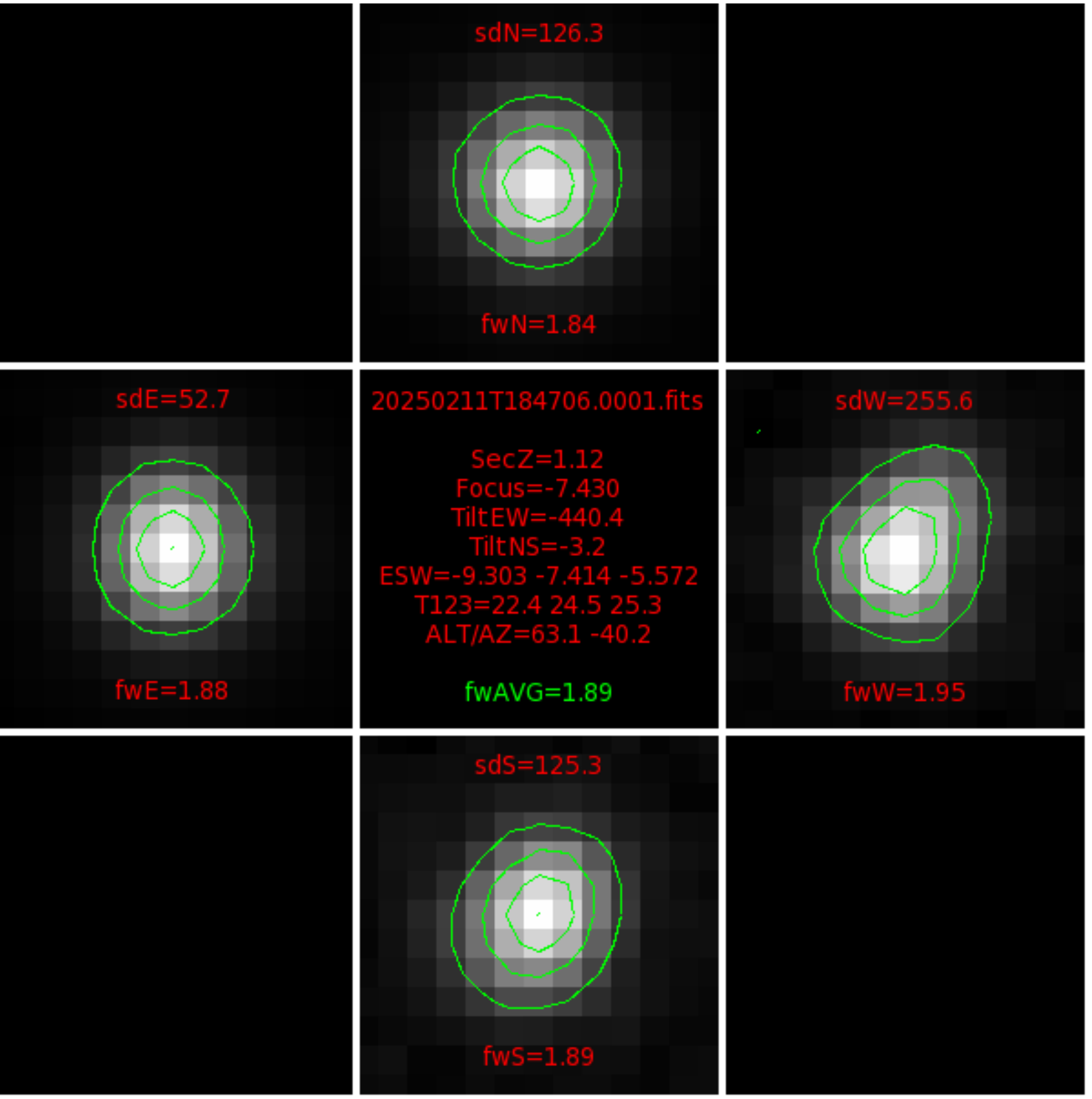
sdN=126.3
fwN=1.84
sdE=52.7
fwE=1.88
20250211T184706.0001.fits
SecZ=1.12
Focus=-7.430
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.303 -7.414 -5.572
T123=22.4 24.5 25.3
ALT/AZ=63.1 -40.2
fwAVG=1.89
sdW=255.6
fwW=1.95
sdS=125.3
fwS=1.89
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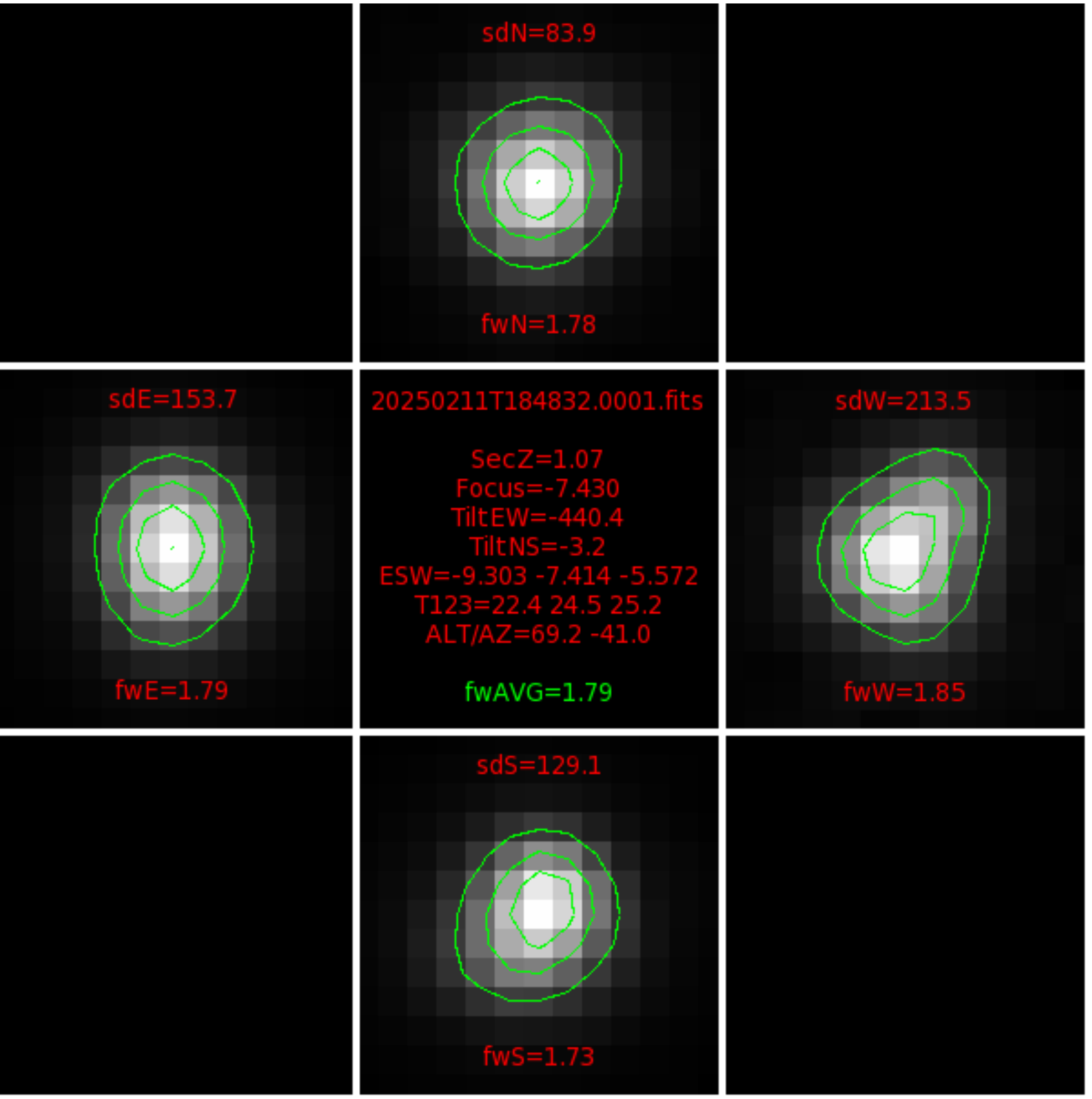
sdN=83.9
fwN=1.78
sdE=153.7
fwE=1.79
20250211T184832.0001.fits
SecZ=1.07
Focus=-7.430
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.303 -7.414 -5.572
T123=22.4 24.5 25.2
ALT/AZ=69.2 -41.0
fwAVG=1.79
sdW=213.5
fwW=1.85
sdS=129.1
fwS=1.73
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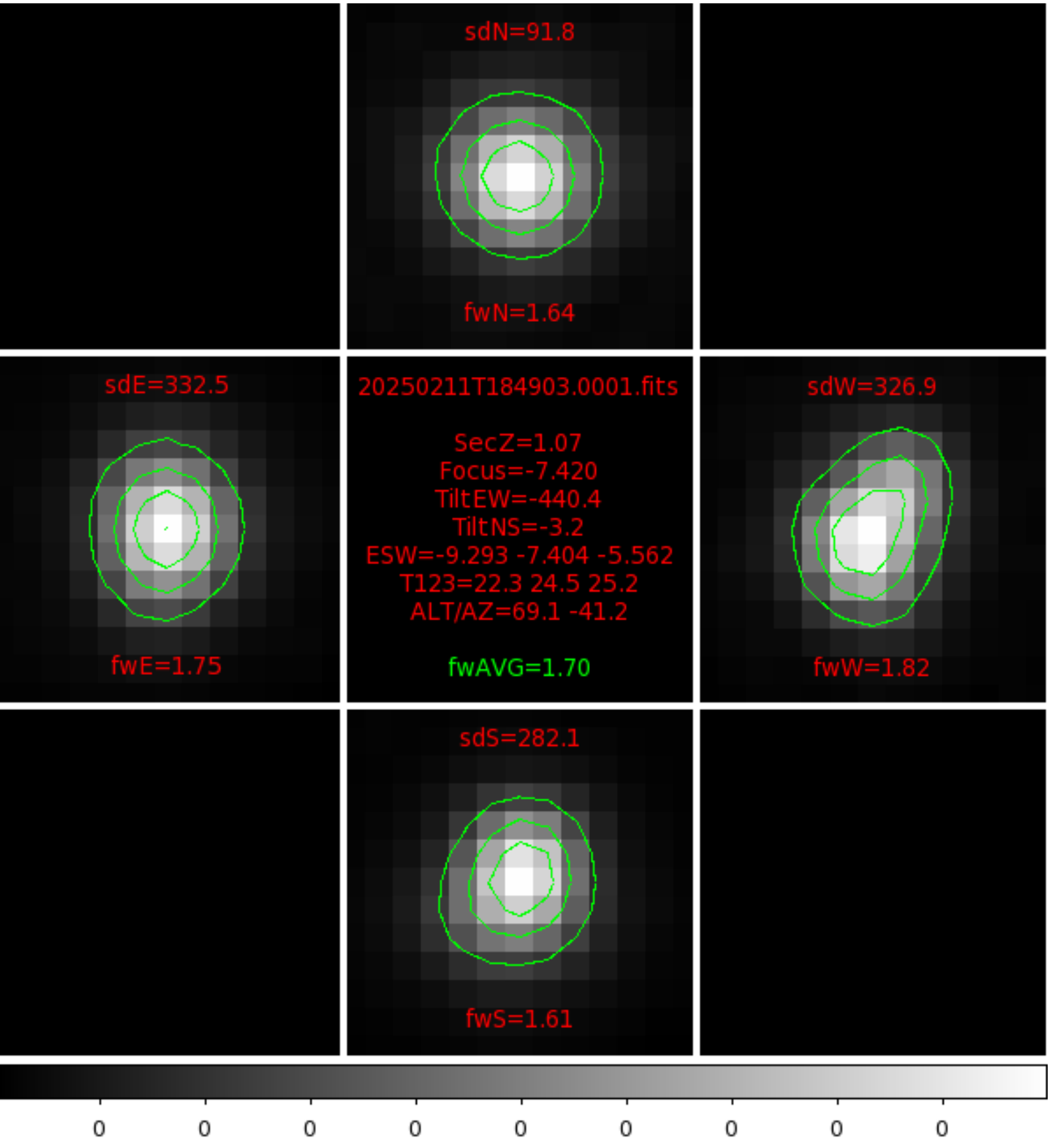
sdN=91.8
fwN=1.64
sdE=332.5
fwE=1.75
20250211T184903.0001.fits
SecZ=1.07
Focus=-7.420
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.293 -7.404 -5.562
T123=22.3 24.5 25.2
ALT/AZ=69.1 -41.2
fwAVG=1.70
sdW=326.9
fwW=1.82
sdS=282.1
fwS=1.61
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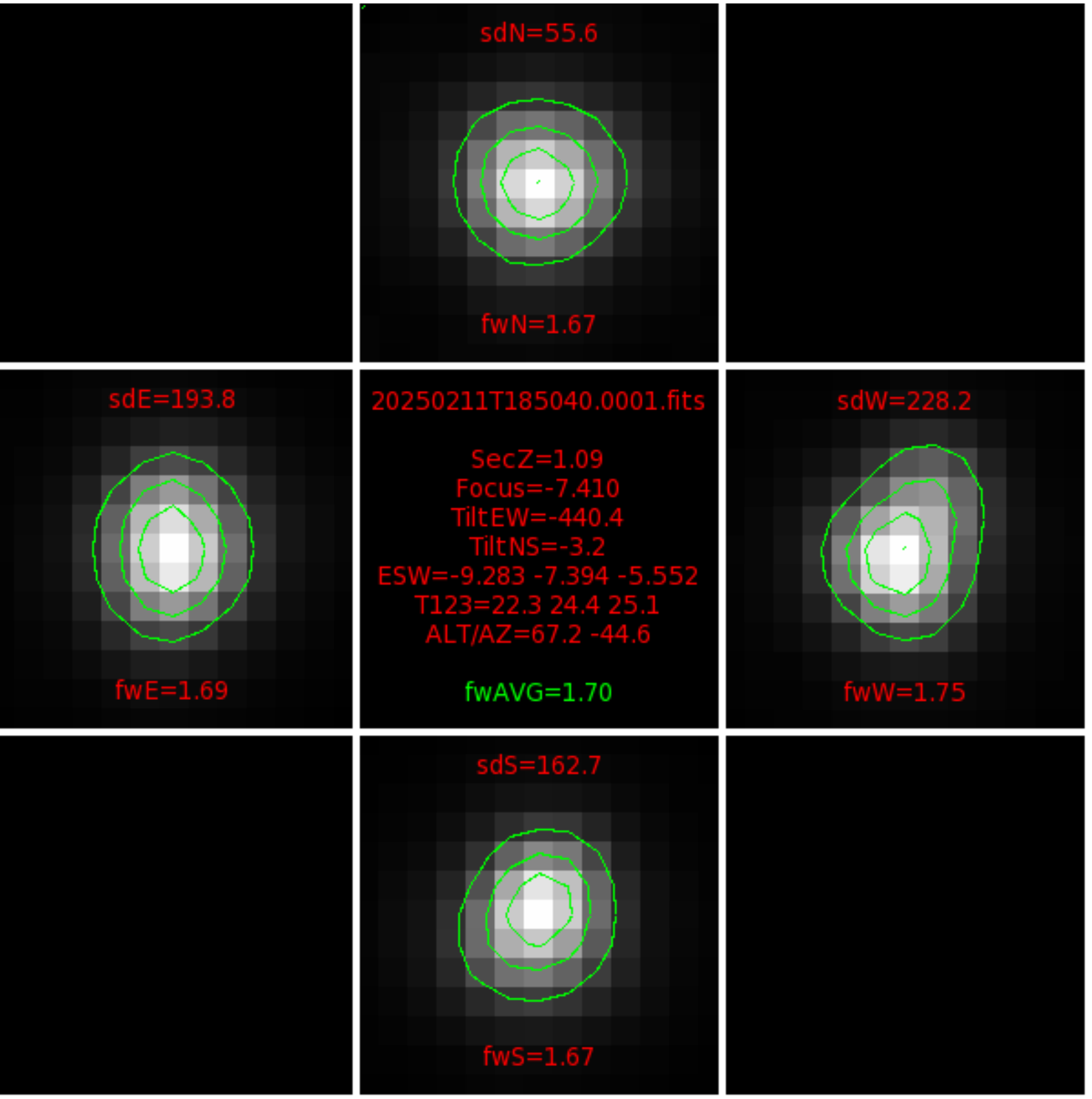
sdN=55.6
fwN=1.67
sdE=193.8
fwE=1.69
20250211T185040.0001.fits
SecZ=1.09
Focus=-7.410
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.283 -7.394 -5.552
T123=22.3 24.4 25.1
ALT/AZ=67.2 -44.6
fwAVG=1.70
sdW=228.2
fwW=1.75
sdS=162.7
fwS=1.67
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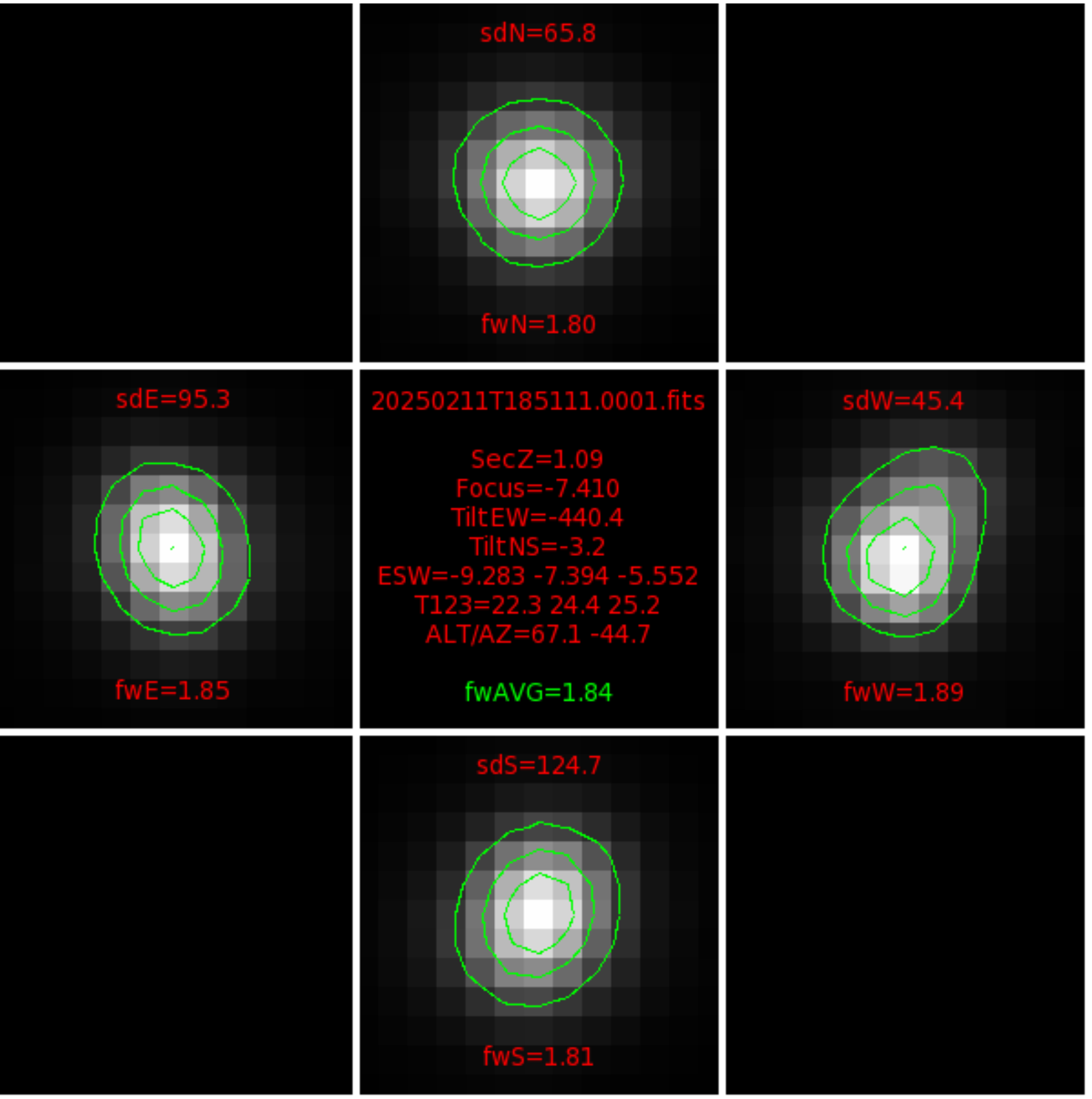
sdN=65.8
fwN=1.80
sdE=95.3
fwE=1.85
20250211T185111.0001.fits
SecZ=1.09
Focus=-7.410
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.283 -7.394 -5.552
T123=22.3 24.4 25.2
ALT/AZ=67.1 -44.7
fwAVG=1.84
sdW=45.4
fwW=1.89
sdS=124.7
fwS=1.81
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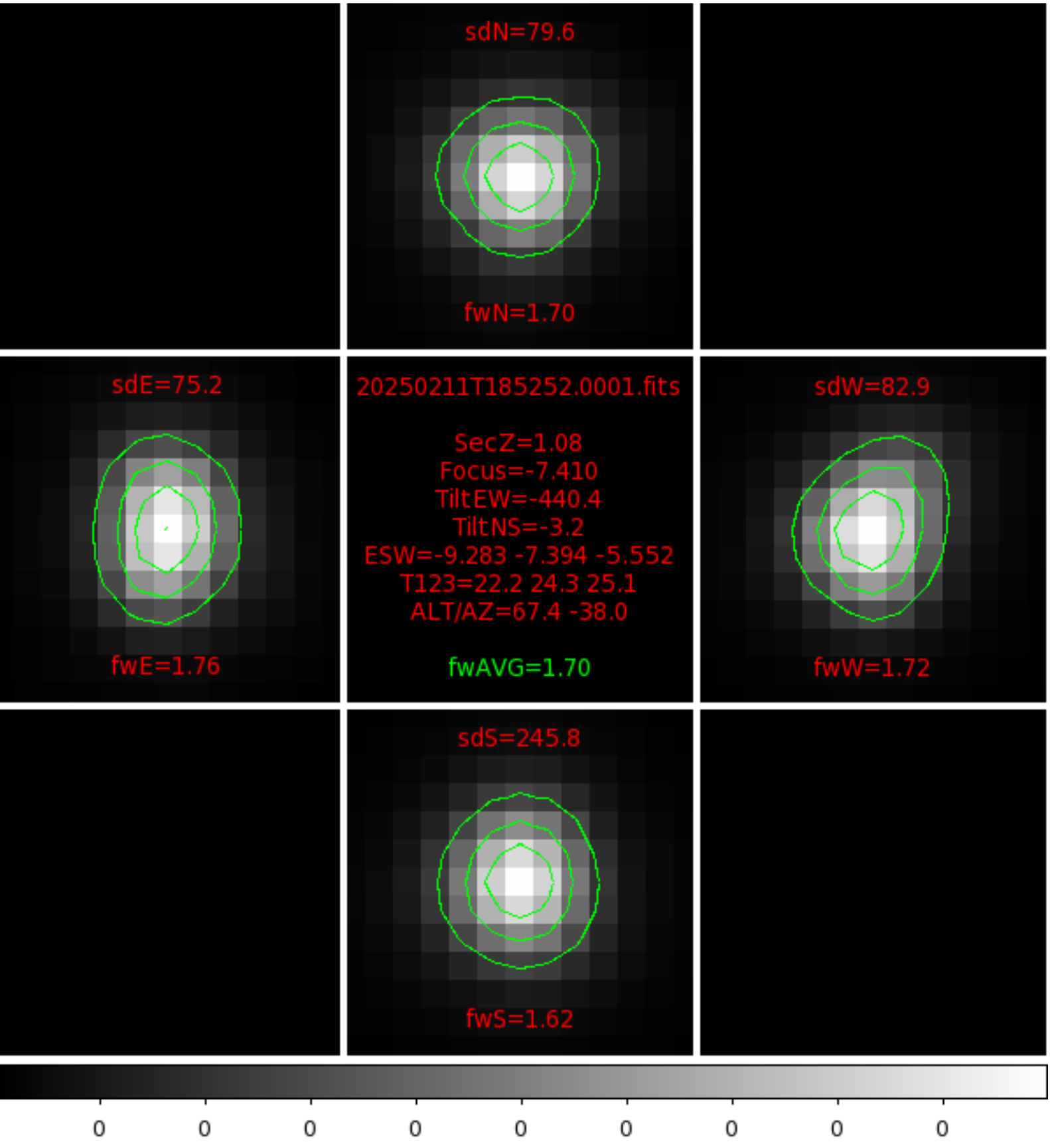
sdN=79.6
fwN=1.70
sdE=75.2
fwE=1.76
20250211T185252.0001.fits
SecZ=1.08
Focus=-7.410
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.283 -7.394 -5.552
T123=22.2 24.3 25.1
ALT/AZ=67.4 -38.0
fwAVG=1.70
sdW=82.9
fwW=1.72
sdS=245.8
fwS=1.62
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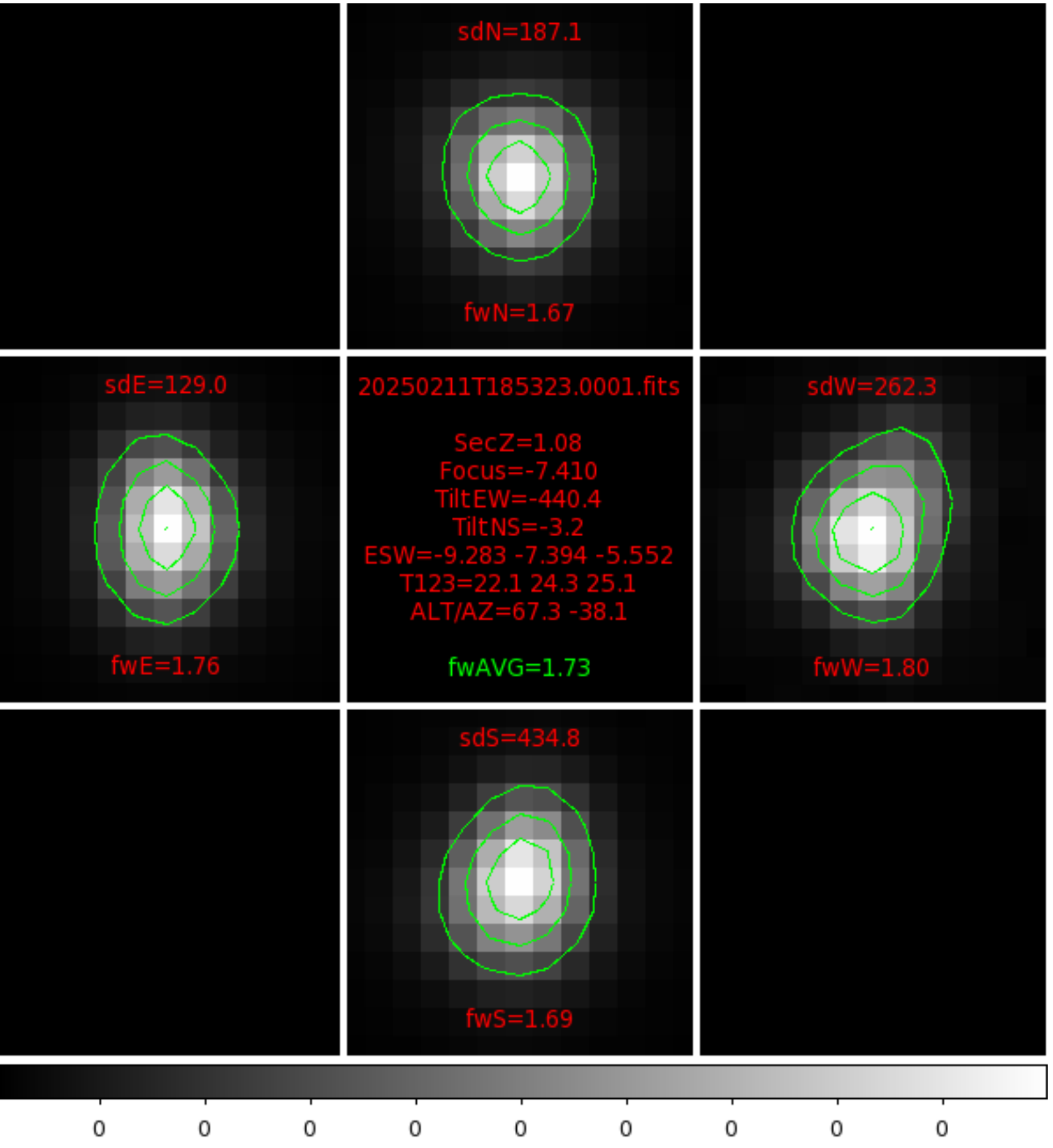
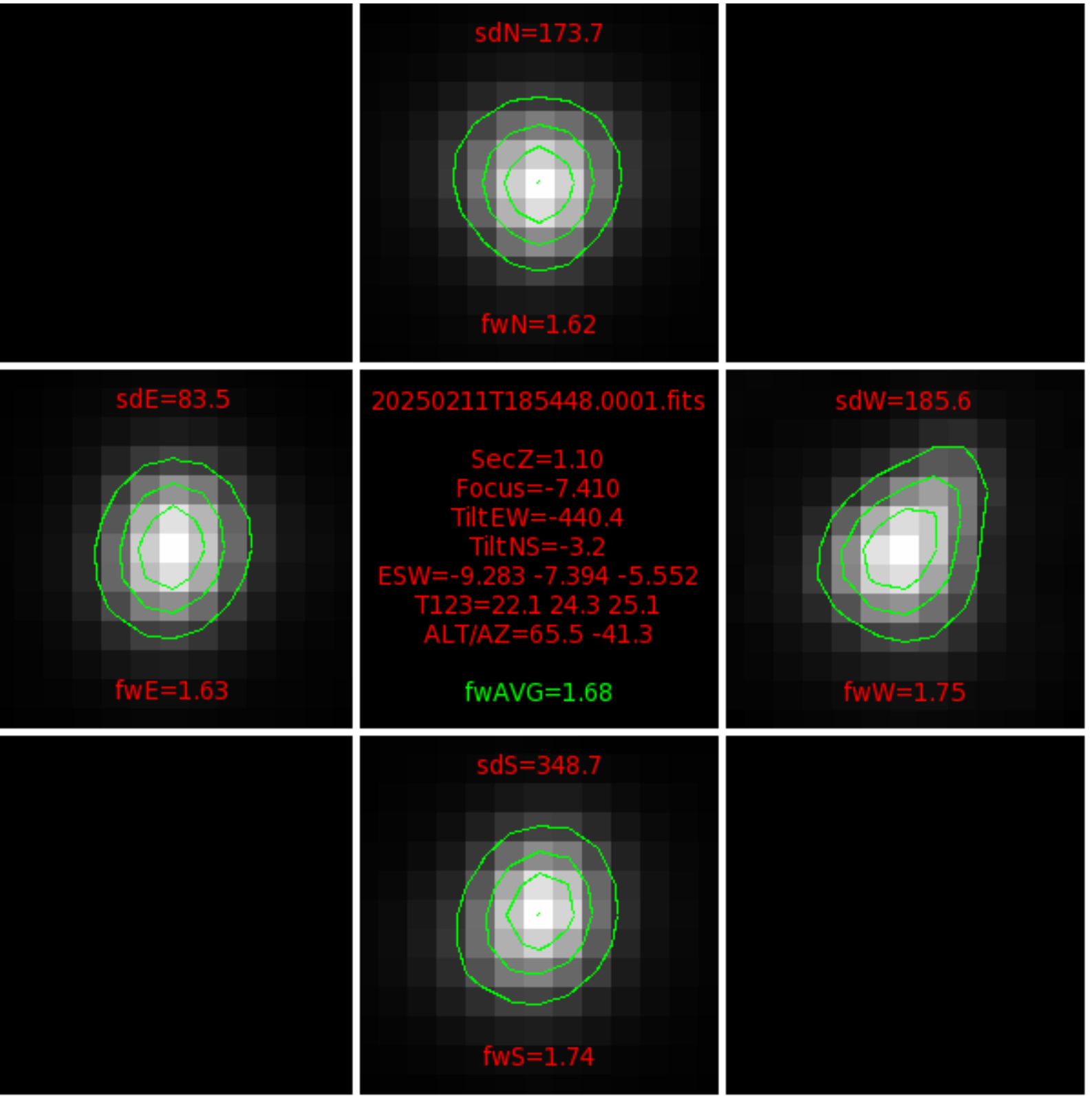

sdN=187.1
fwN=1.67
sdE=129.0
fwE=1.76
20250211T185323.0001.fits
SecZ=1.08
Focus=-7.410
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.283 -7.394 -5.552
T123=22.1 24.3 25.1
ALT/AZ=67.3 -38.1
fwAVG=1.73
sdW=262.3
fwW=1.80
sdS=434.8
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=173.7
fwN=1.62
sdE=83.5
fwE=1.63
20250211T185448.0001.fits
SecZ=1.10
Focus=-7.410
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.283 -7.394 -5.552
T123=22.1 24.3 25.1
ALT/AZ=65.5 -41.3
fwAVG=1.68
sdW=185.6
fwW=1.75
sdS=348.7
fwS=1.74
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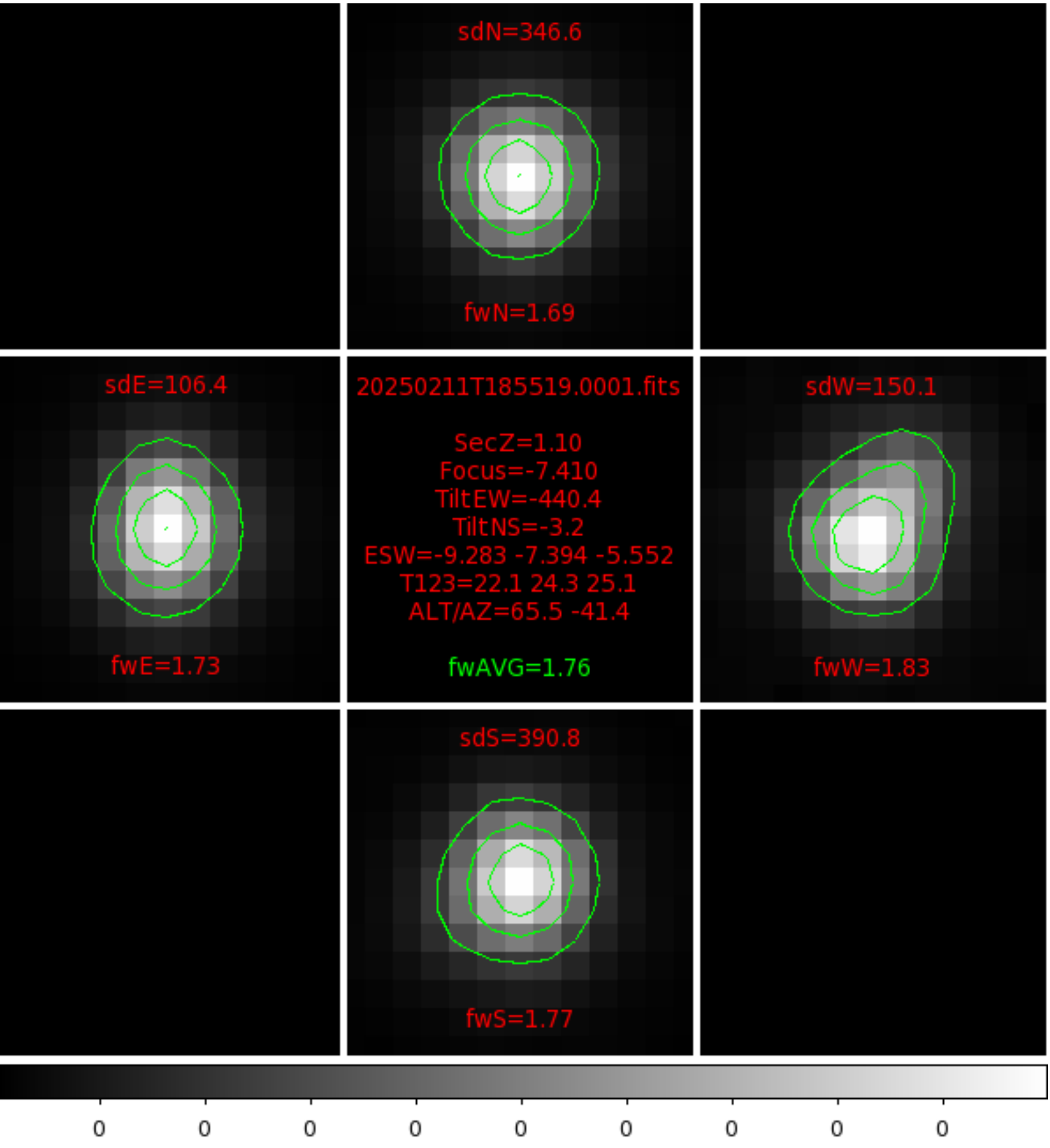
sdN=346.6
fwN=1.69
sdE=106.4
fwE=1.73
20250211T185519.0001.fits
SecZ=1.10
Focus=-7.410
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.283 -7.394 -5.552
T123=22.1 24.3 25.1
ALT/AZ=65.5 -41.4
fwAVG=1.76
sdW=150.1
fwW=1.83
sdS=390.8
fwS=1.77
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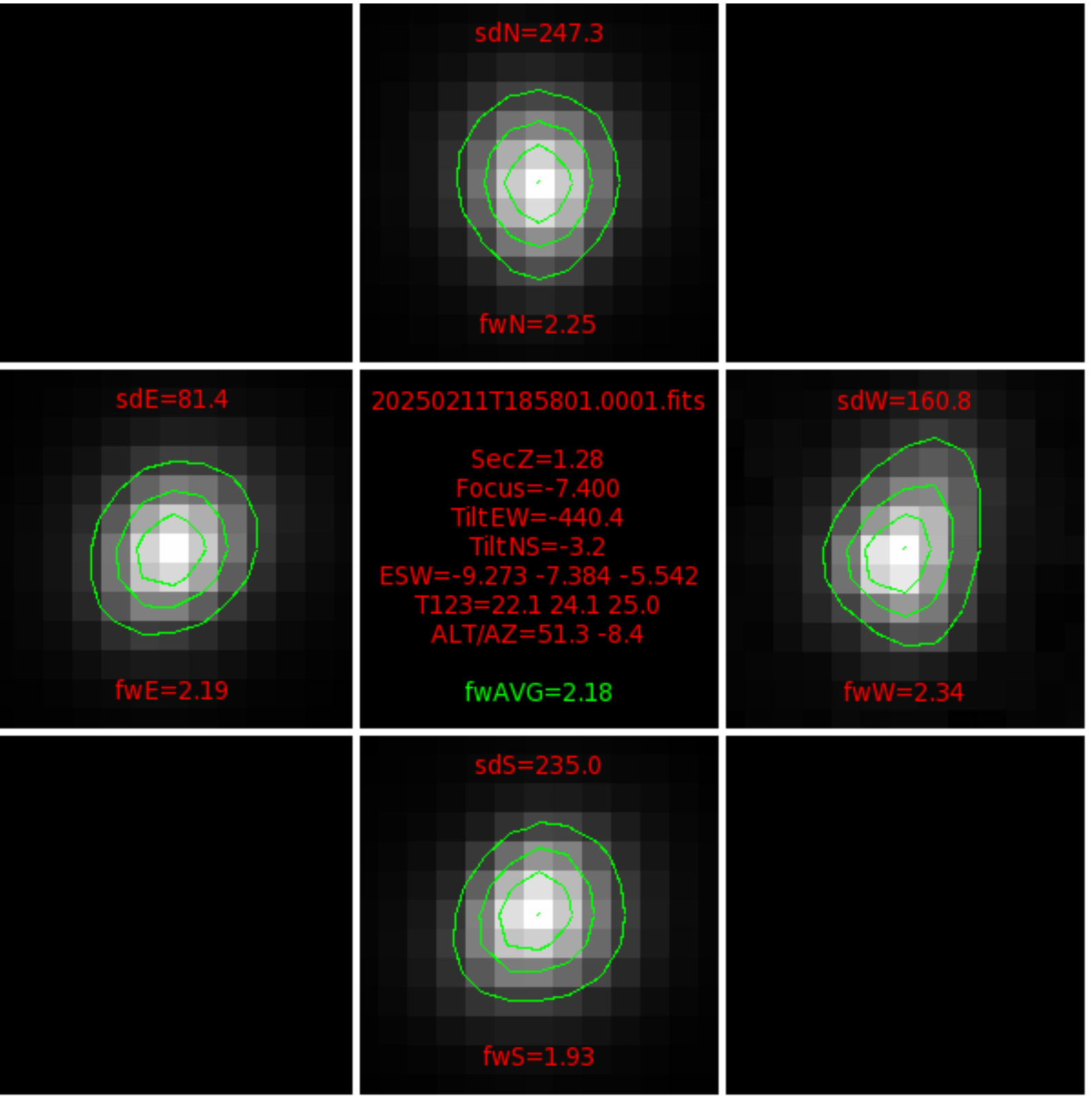
sdN=247.3
fwN=2.25
sdE=81.4
fwE=2.19
20250211T185801.0001.fits
SecZ=1.28
Focus=-7.400
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.273 -7.384 -5.542
T123=22.1 24.1 25.0
ALT/AZ=51.3 -8.4
fwAVG=2.18
sdW=160.8
fwW=2.34
sdS=235.0
fwS=1.93
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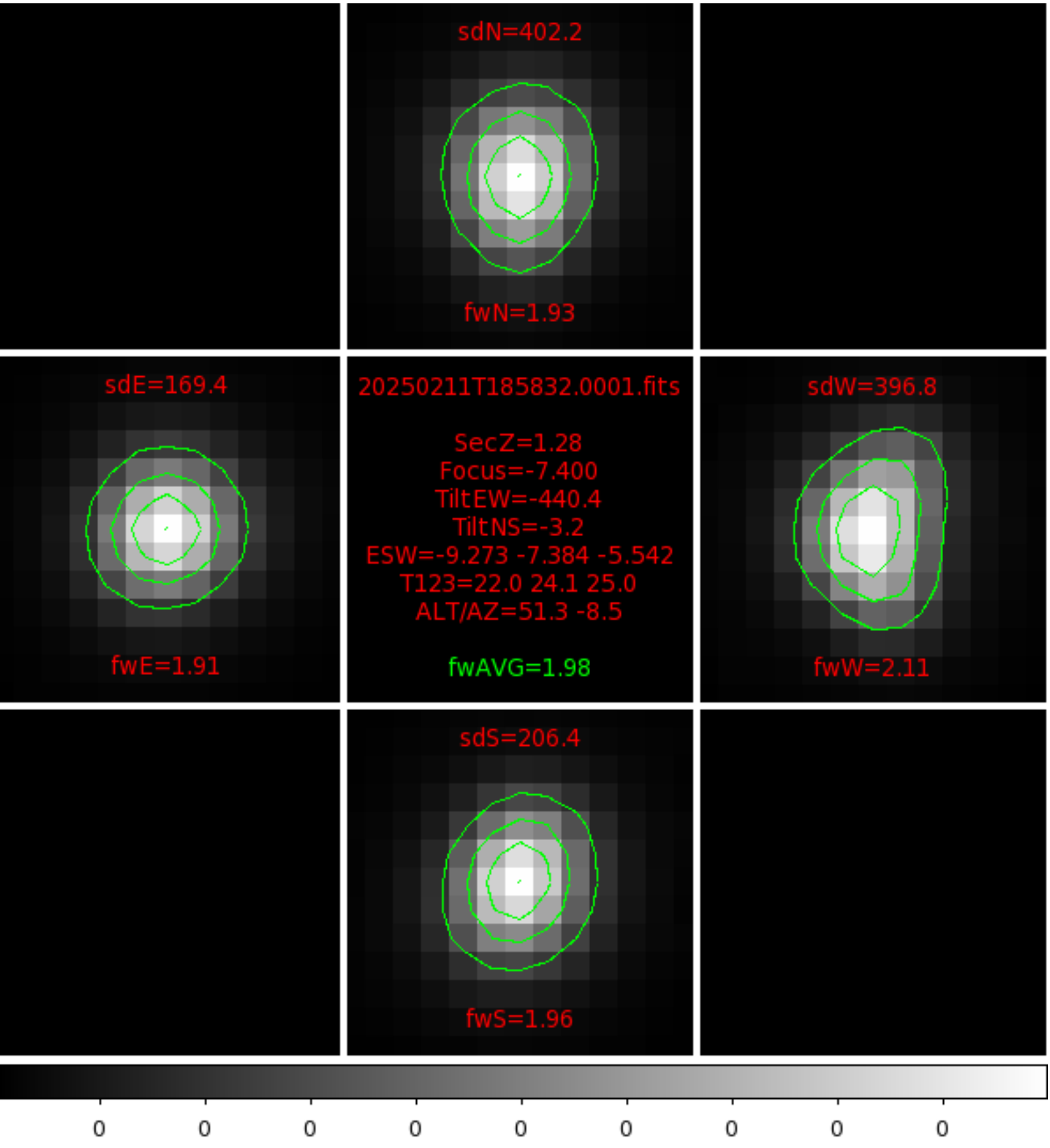
sdN=402.2
fwN=1.93
sdE=169.4
fwE=1.91
20250211T185832.0001.fits
SecZ=1.28
Focus=-7.400
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.273 -7.384 -5.542
T123=22.0 24.1 25.0
ALT/AZ=51.3 -8.5
fwAVG=1.98
sdW=396.8
fwW=2.11
sdS=206.4
fwS=1.96
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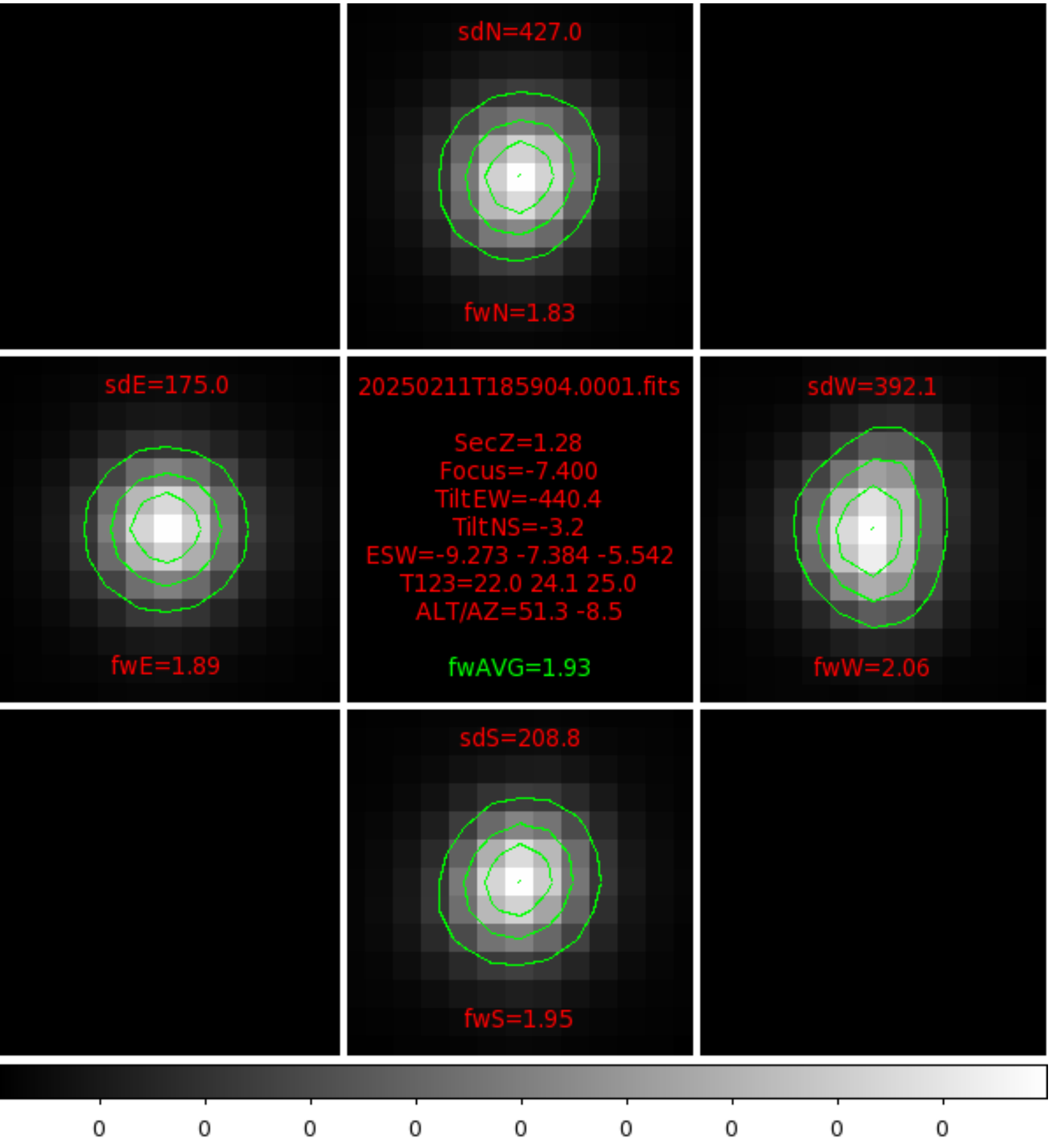
sdN=427.0
fwN=1.83
sdE=175.0
fwE=1.89
20250211T185904.0001.fits
SecZ=1.28
Focus=-7.400
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.273 -7.384 -5.542
T123=22.0 24.1 25.0
ALT/AZ=51.3 -8.5
fwAVG=1.93
sdW=392.1
fwW=2.06
sdS=208.8
fwS=1.95
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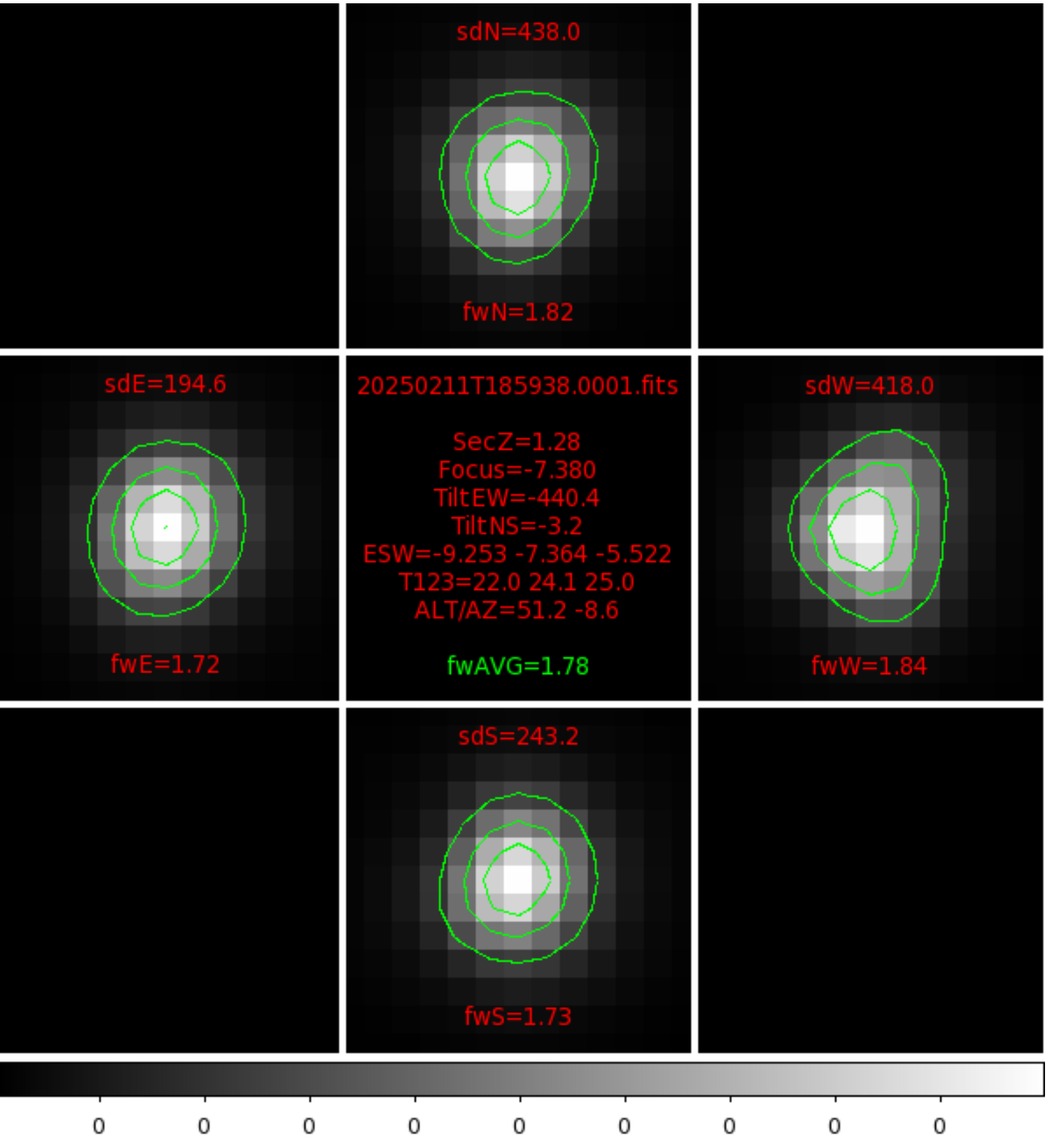
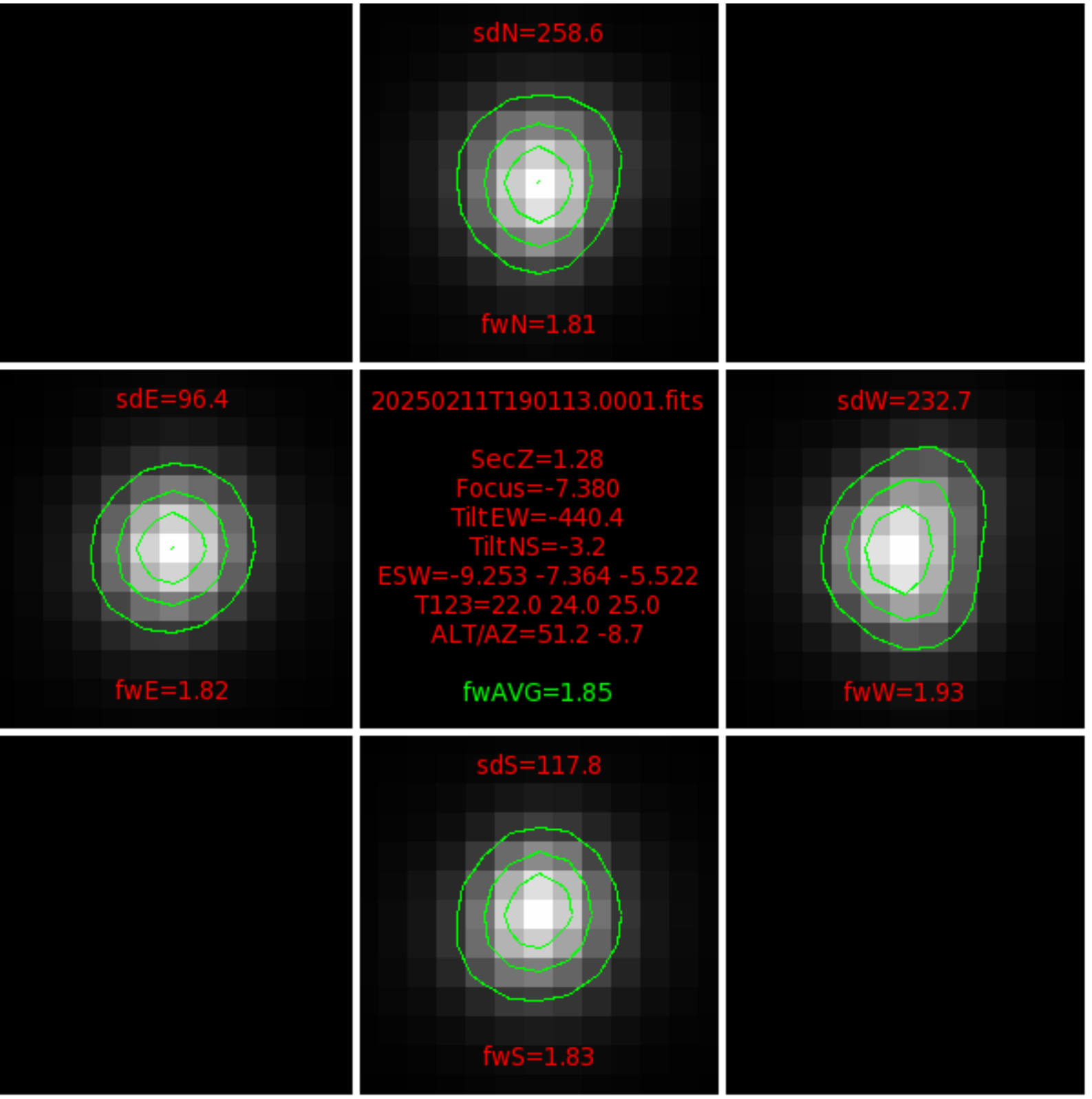

sdN=438.0
fwN=1.82
sdE=194.6
fwE=1.72
20250211T185938.0001.fits
SecZ=1.28
Focus=-7.380
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.253 -7.364 -5.522
T123=22.0 24.1 25.0
ALT/AZ=51.2 -8.6
fwAVG=1.78
sdW=418.0
fwW=1.84
sdS=243.2
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=258.6
fwN=1.81
sdE=96.4
fwE=1.82
20250211T190113.0001.fits
SecZ=1.28
Focus=-7.380
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.253 -7.364 -5.522
T123=22.0 24.0 25.0
ALT/AZ=51.2 -8.7
fwAVG=1.85
sdW=232.7
fwW=1.93
sdS=117.8
fwS=1.83
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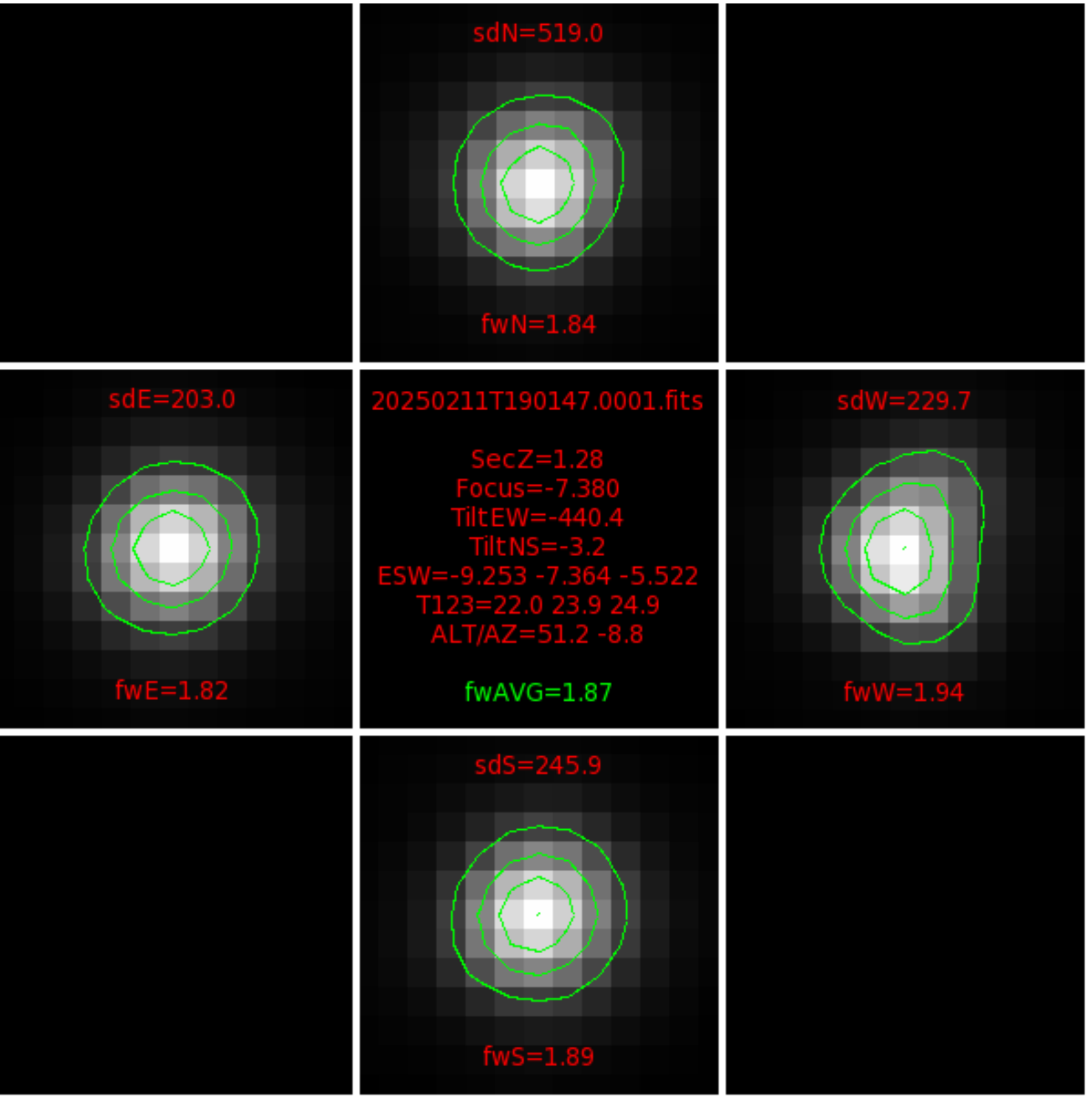
sdN=519.0
fwN=1.84
sdE=203.0
fwE=1.82
20250211T190147.0001.fits
SecZ=1.28
Focus=-7.380
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.253 -7.364 -5.522
T123=22.0 23.9 24.9
ALT/AZ=51.2 -8.8
fwAVG=1.87
sdW=229.7
fwW=1.94
sdS=245.9
fwS=1.89
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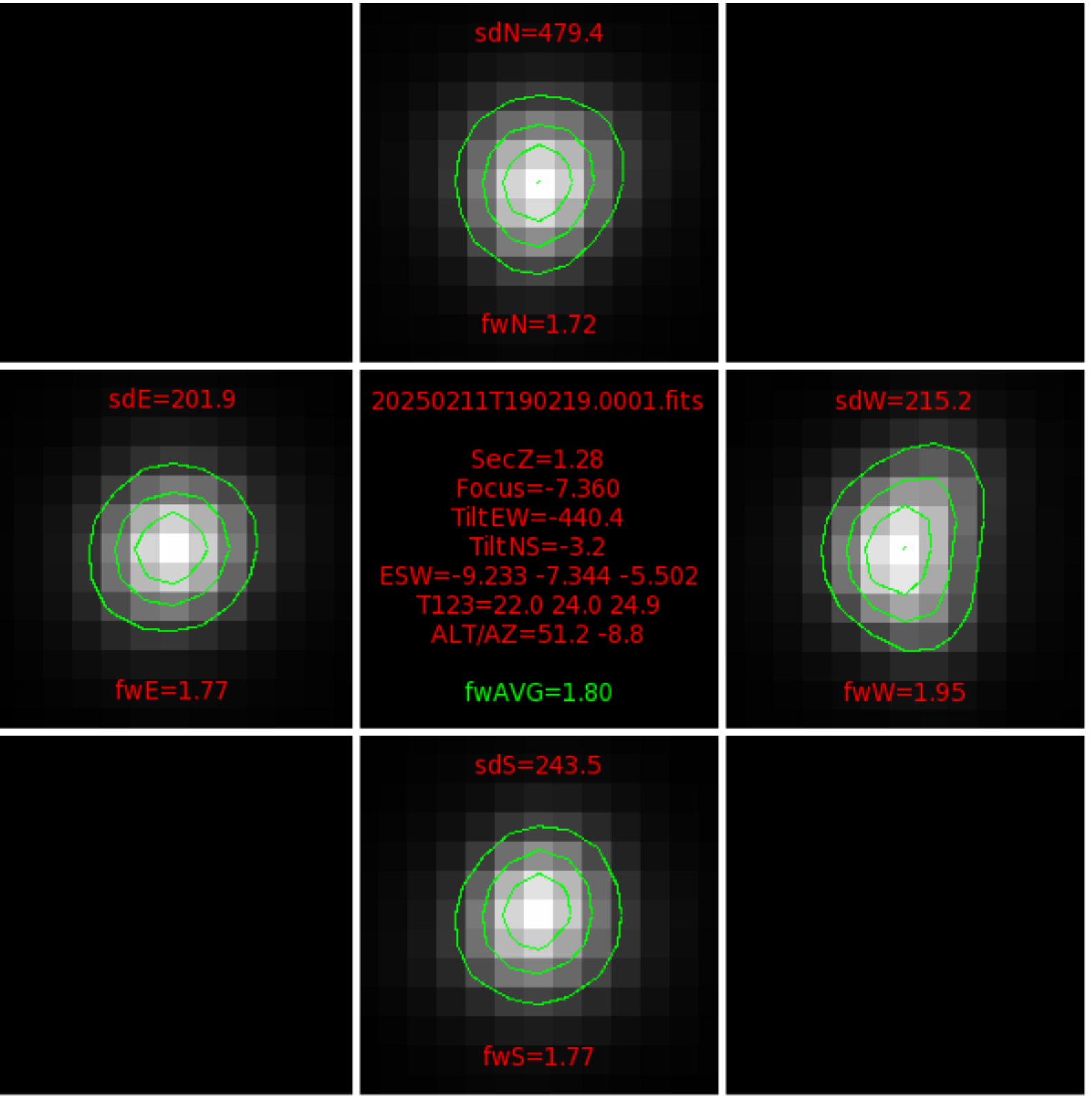
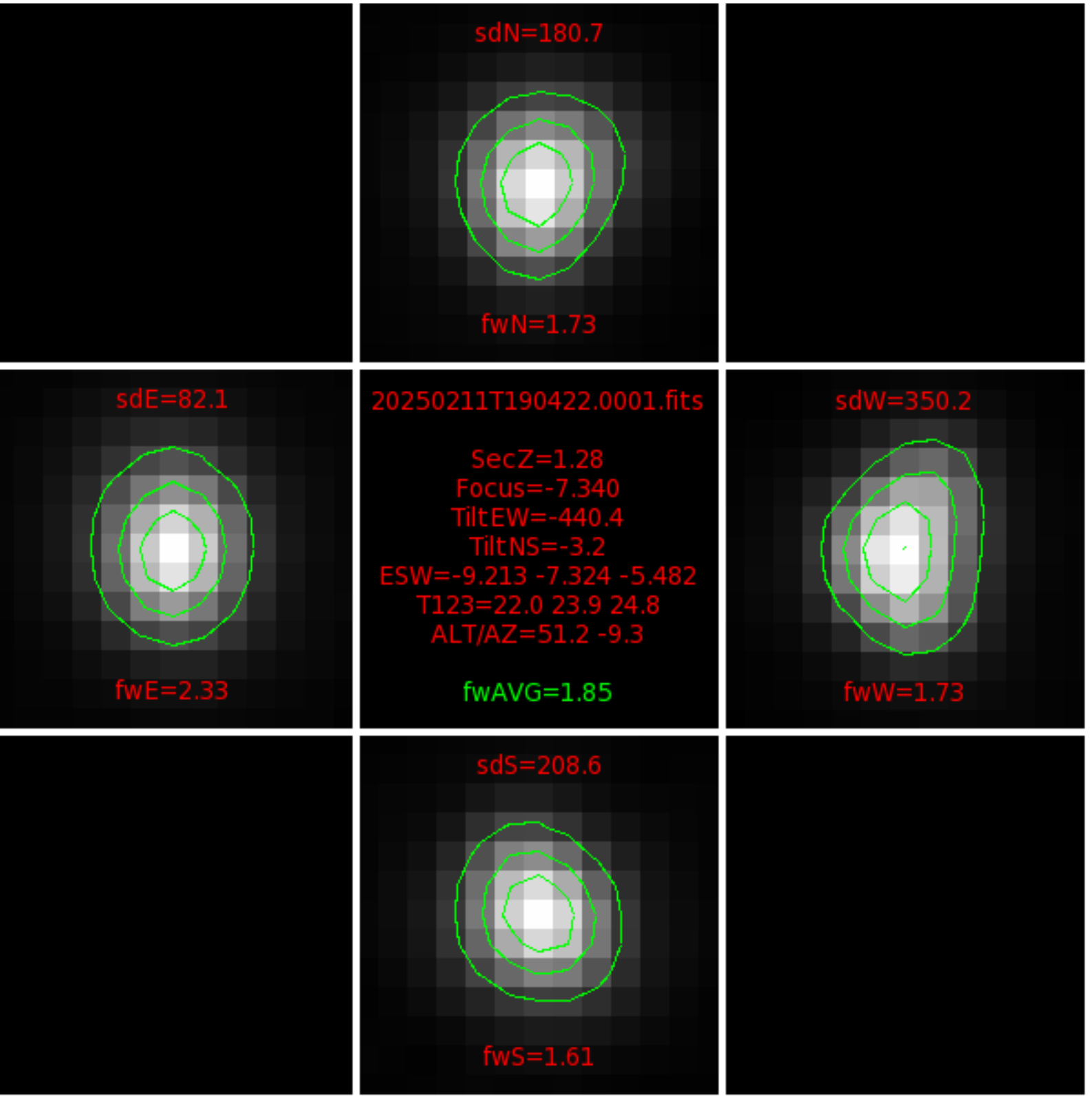

sdN=479.4
fwN=1.72
sdE=201.9
fwE=1.77
20250211T190219.0001.fits
SecZ=1.28
Focus=-7.360
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.233 -7.344 -5.502
T123=22.0 24.0 24.9
ALT/AZ=51.2 -8.8
fwAVG=1.80
sdW=215.2
fwW=1.95
sdS=243.5
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=180.7
fwN=1.73
sdE=82.1
fwE=2.33
20250211T190422.0001.fits
SecZ=1.28
Focus=-7.340
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.213 -7.324 -5.482
T123=22.0 23.9 24.8
ALT/AZ=51.2 -9.3
fwAVG=1.85
sdW=350.2
fwW=1.73
sdS=208.6
fwS=1.61
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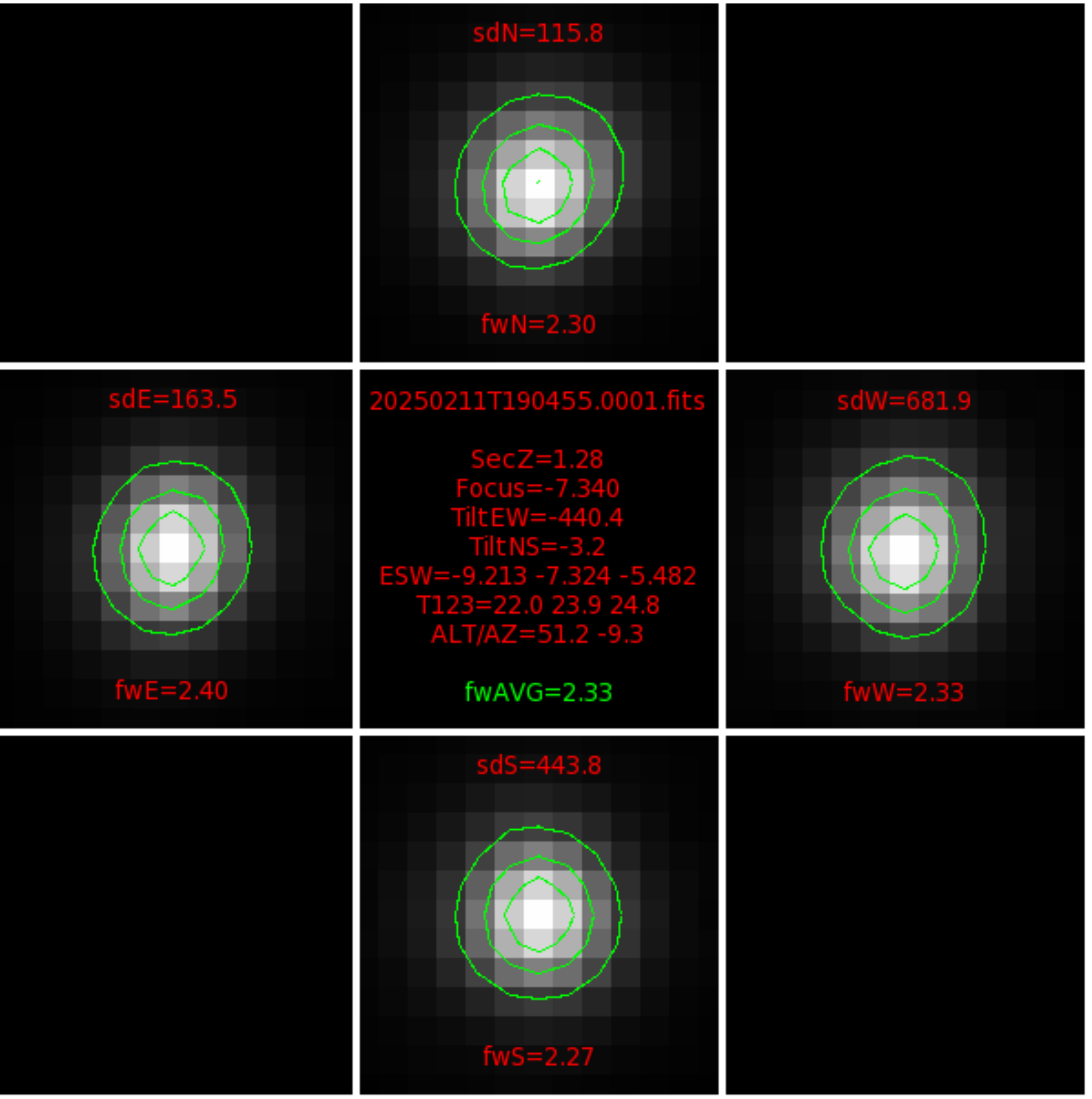
sdN=115.8
fwN=2.30
sdE=163.5
fwE=2.40
20250211T190455.0001.fits
SecZ=1.28
Focus=-7.340
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.213 -7.324 -5.482
T123=22.0 23.9 24.8
ALT/AZ=51.2 -9.3
fwAVG=2.33
sdW=681.9
fwW=2.33
sdS=443.8
fwS=2.27
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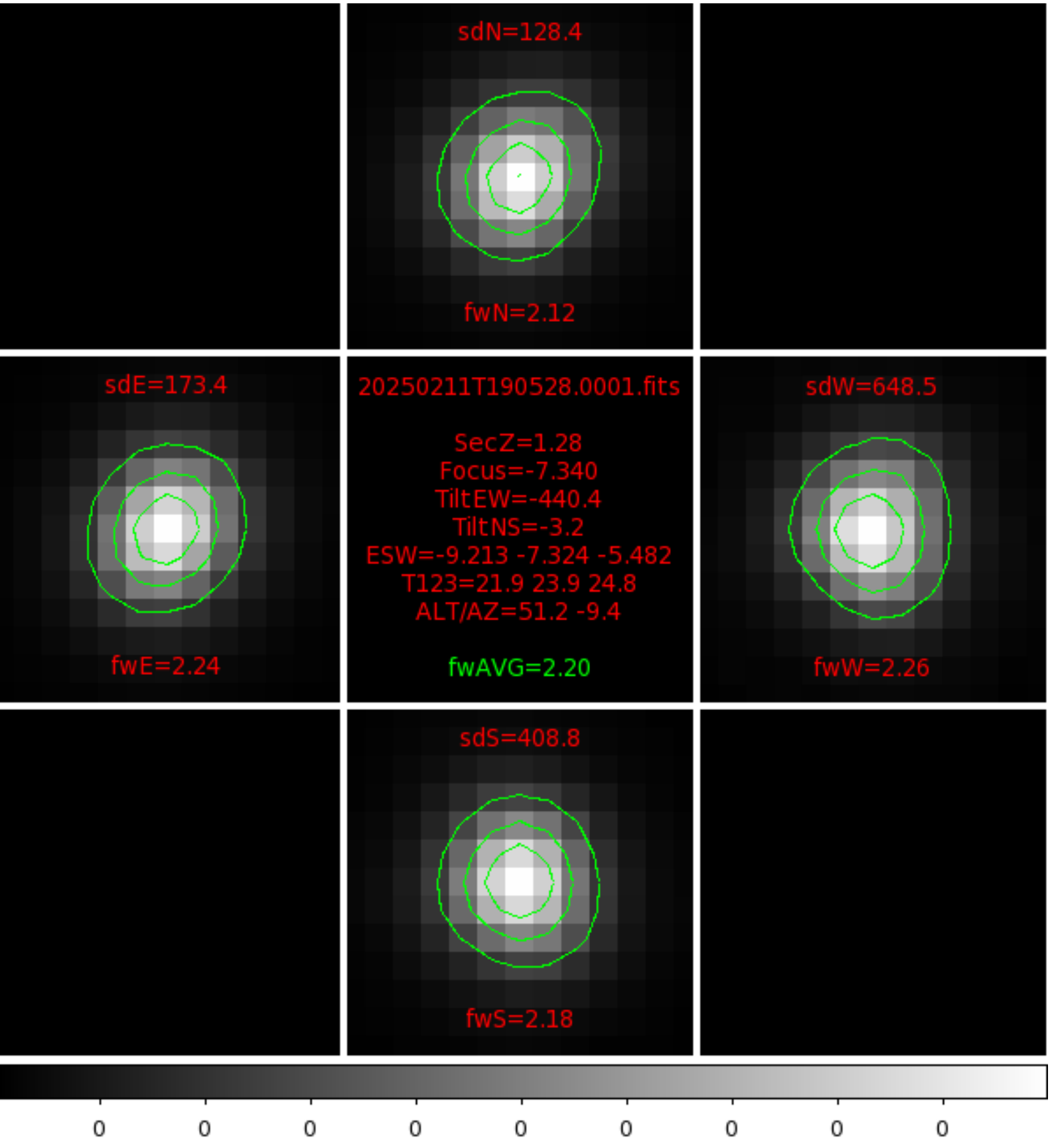
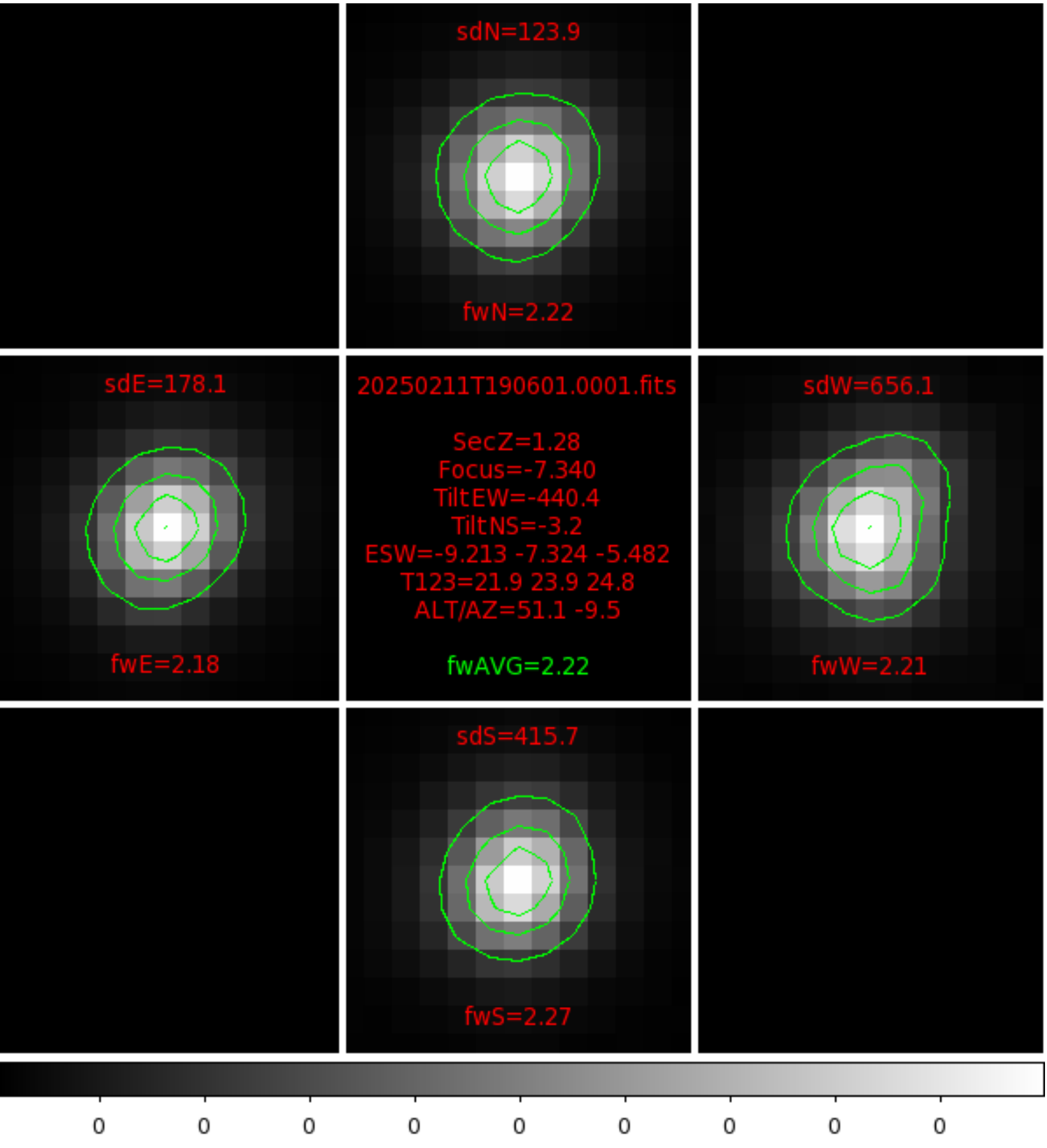

sdN=128.4
fwN=2.12
sdE=173.4
fwE=2.24
20250211T190528.0001.fits
SecZ=1.28
Focus=-7.340
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.213 -7.324 -5.482
T123=21.9 23.9 24.8
ALT/AZ=51.2 -9.4
fwAVG=2.20
sdW=648.5
fwW=2.26
sdS=408.8
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=123.9
fwN=2.22
sdE=178.1
fwE=2.18
20250211T190601.0001.fits
SecZ=1.28
Focus=-7.340
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.213 -7.324 -5.482
T123=21.9 23.9 24.8
ALT/AZ=51.1 -9.5
fwAVG=2.22
sdW=656.1
fwW=2.21
sdS=415.7
fwS=2.27
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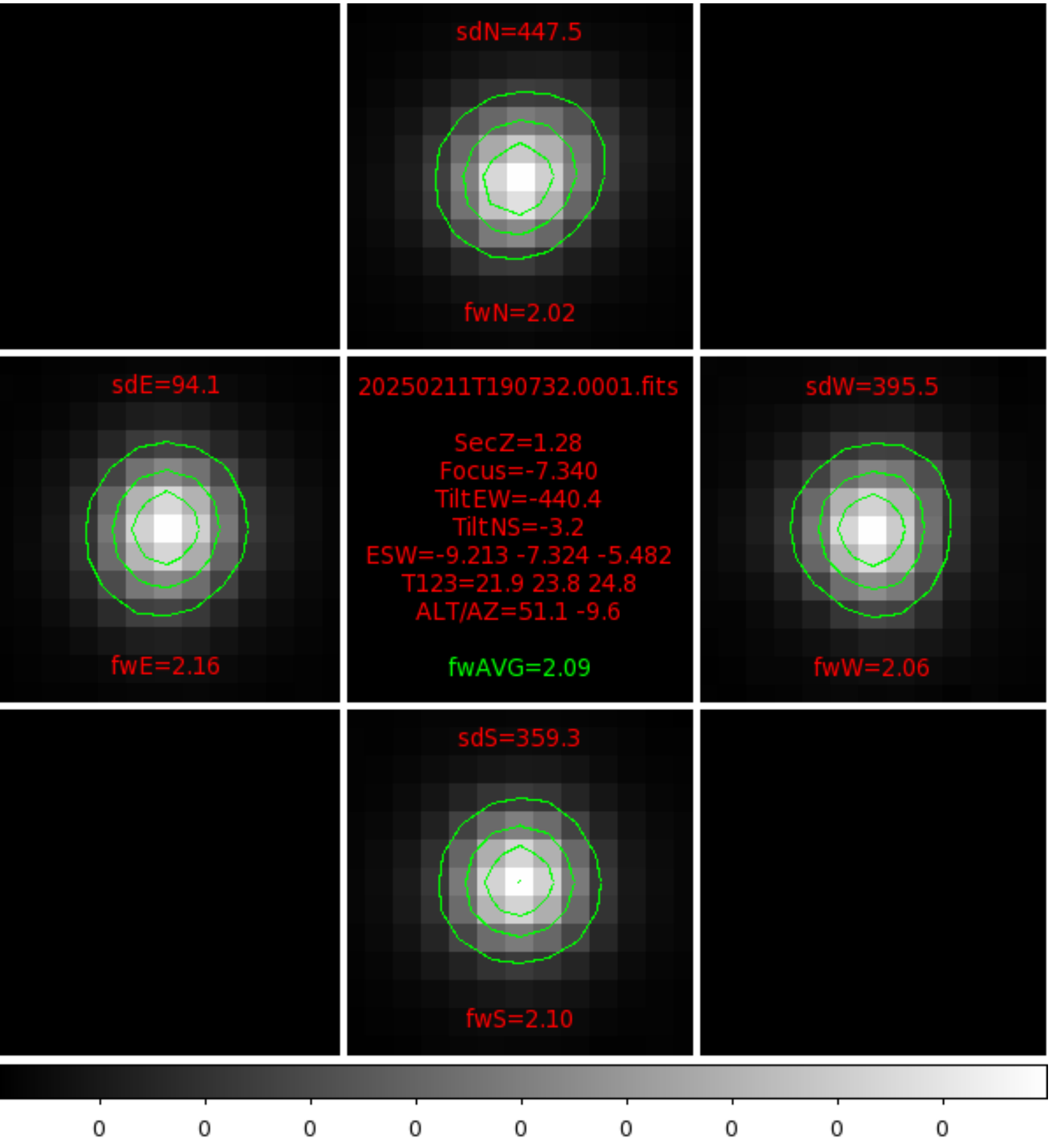
sdN=447.5
fwN=2.02
sdE=94.1
fwE=2.16
20250211T190732.0001.fits
SecZ=1.28
Focus=-7.340
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.213 -7.324 -5.482
T123=21.9 23.8 24.8
ALT/AZ=51.1 -9.6
fwAVG=2.09
sdW=395.5
fwW=2.06
sdS=359.3
fwS=2.10
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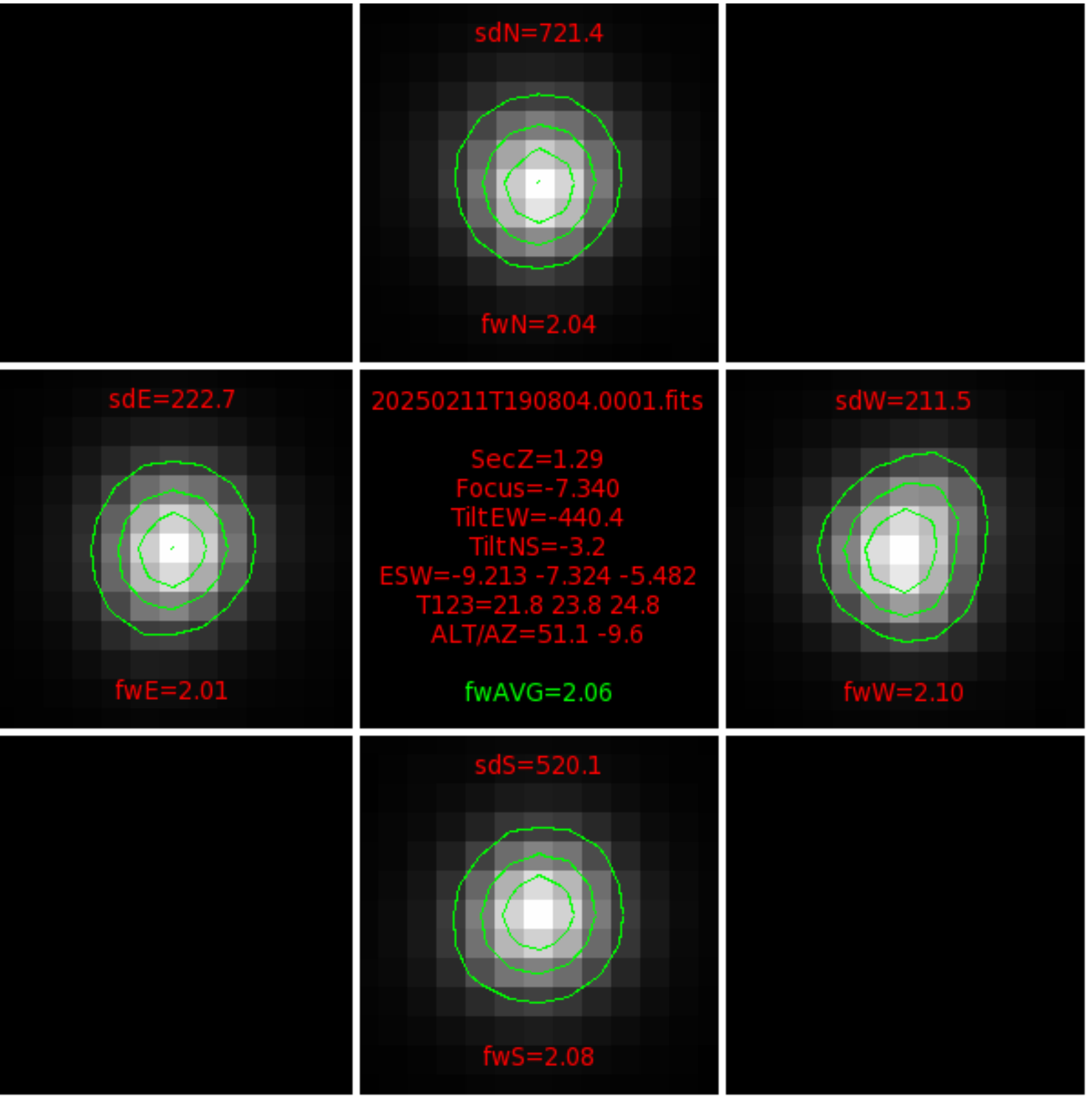
sdN=721.4
fwN=2.04
sdE=222.7
fwE=2.01
20250211T190804.0001.fits
SecZ=1.29
Focus=-7.340
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.213 -7.324 -5.482
T123=21.8 23.8 24.8
ALT/AZ=51.1 -9.6
fwAVG=2.06
sdW=211.5
fwW=2.10
sdS=520.1
fwS=2.08
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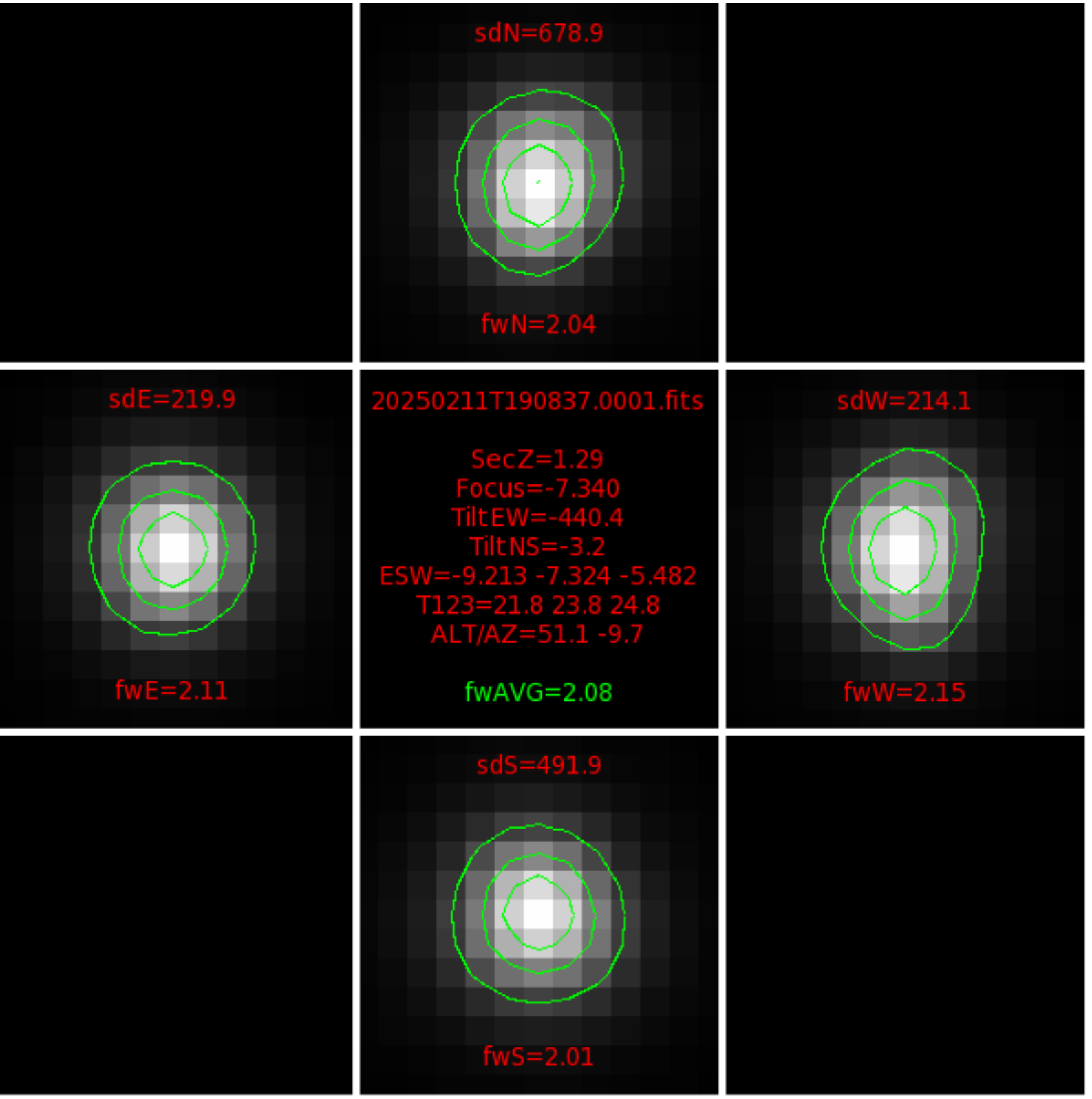
sdN=678.9
fwN=2.04
sdE=219.9
fwE=2.11
20250211T190837.0001.fits
SecZ=1.29
Focus=-7.340
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.213 -7.324 -5.482
T123=21.8 23.8 24.8
ALT/AZ=51.1 -9.7
fwAVG=2.08
sdW=214.1
fwW=2.15
sdS=491.9
fwS=2.01
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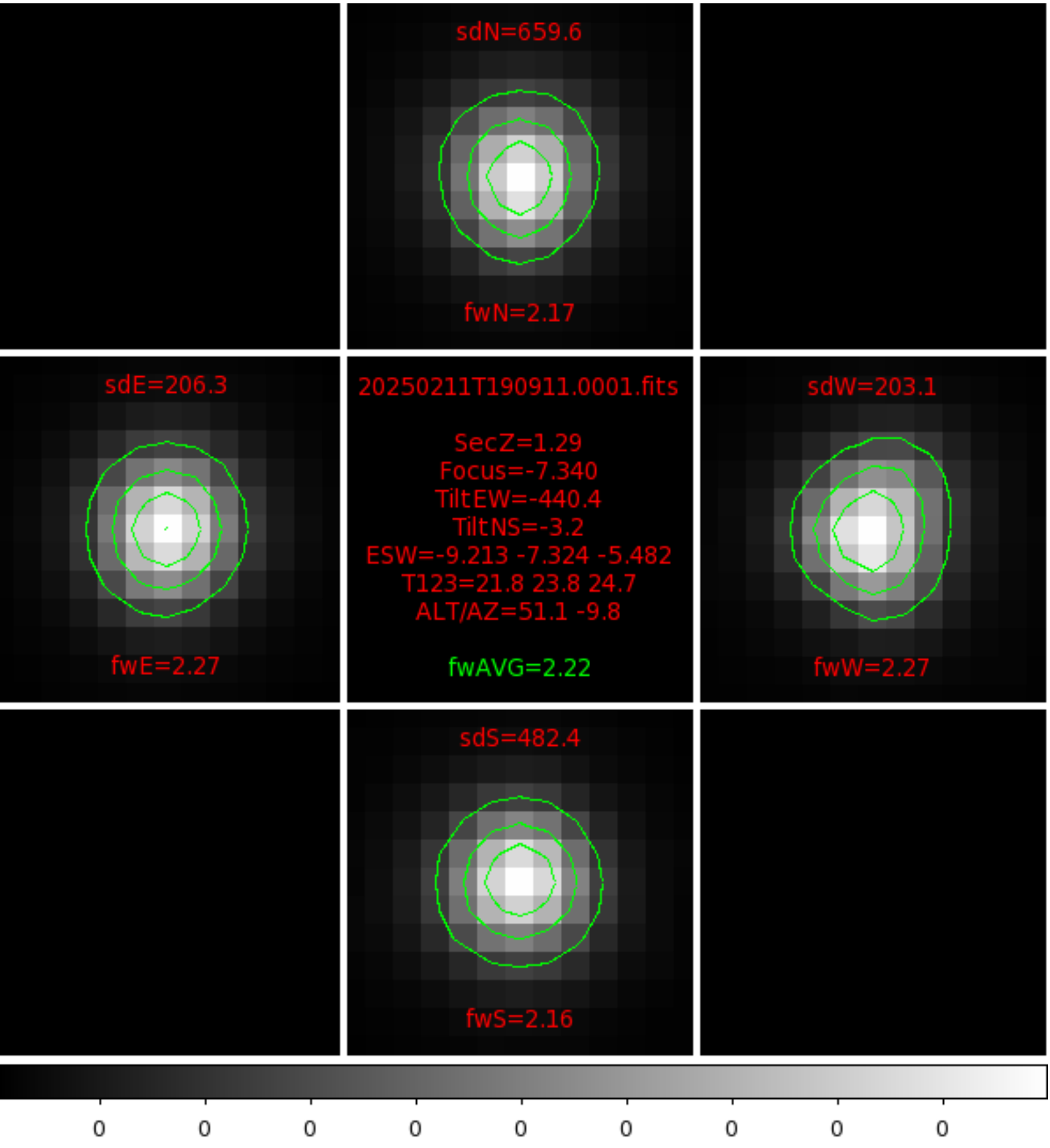
sdN=659.6
fwN=2.17
sdE=206.3
fwE=2.27
20250211T190911.0001.fits
SecZ=1.29
Focus=-7.340
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.213 -7.324 -5.482
T123=21.8 23.8 24.7
ALT/AZ=51.1 -9.8
fwAVG=2.22
sdW=203.1
fwW=2.27
sdS=482.4
fwS=2.16
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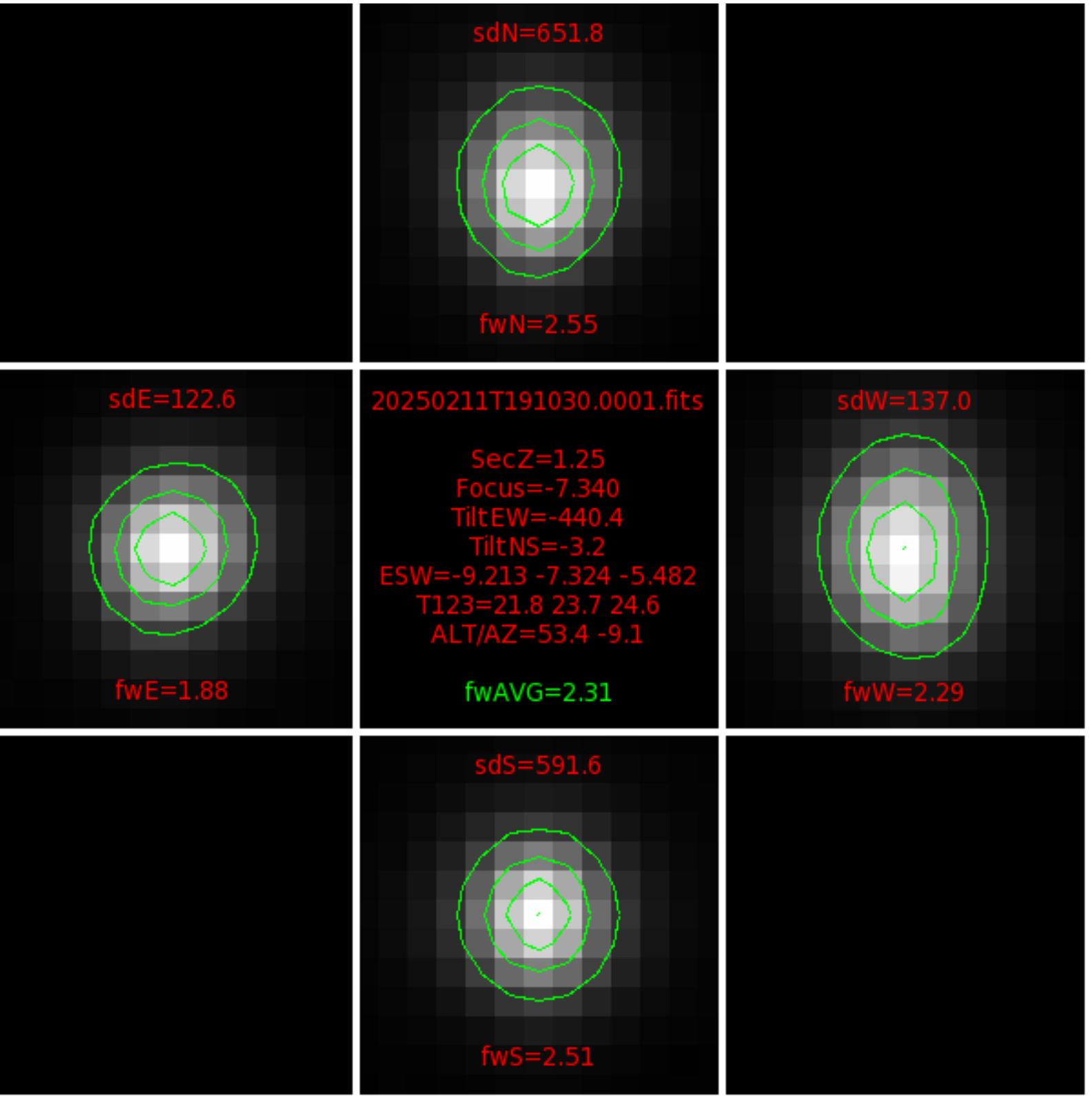
sdN=651.8
fwN=2.55
sdE=122.6
fwE=1.88
20250211T191030.0001.fits
SecZ=1.25
Focus=-7.340
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.213 -7.324 -5.482
T123=21.8 23.7 24.6
ALT/AZ=53.4 -9.1
fwAVG=2.31
sdW=137.0
fwW=2.29
sdS=591.6
fwS=2.51
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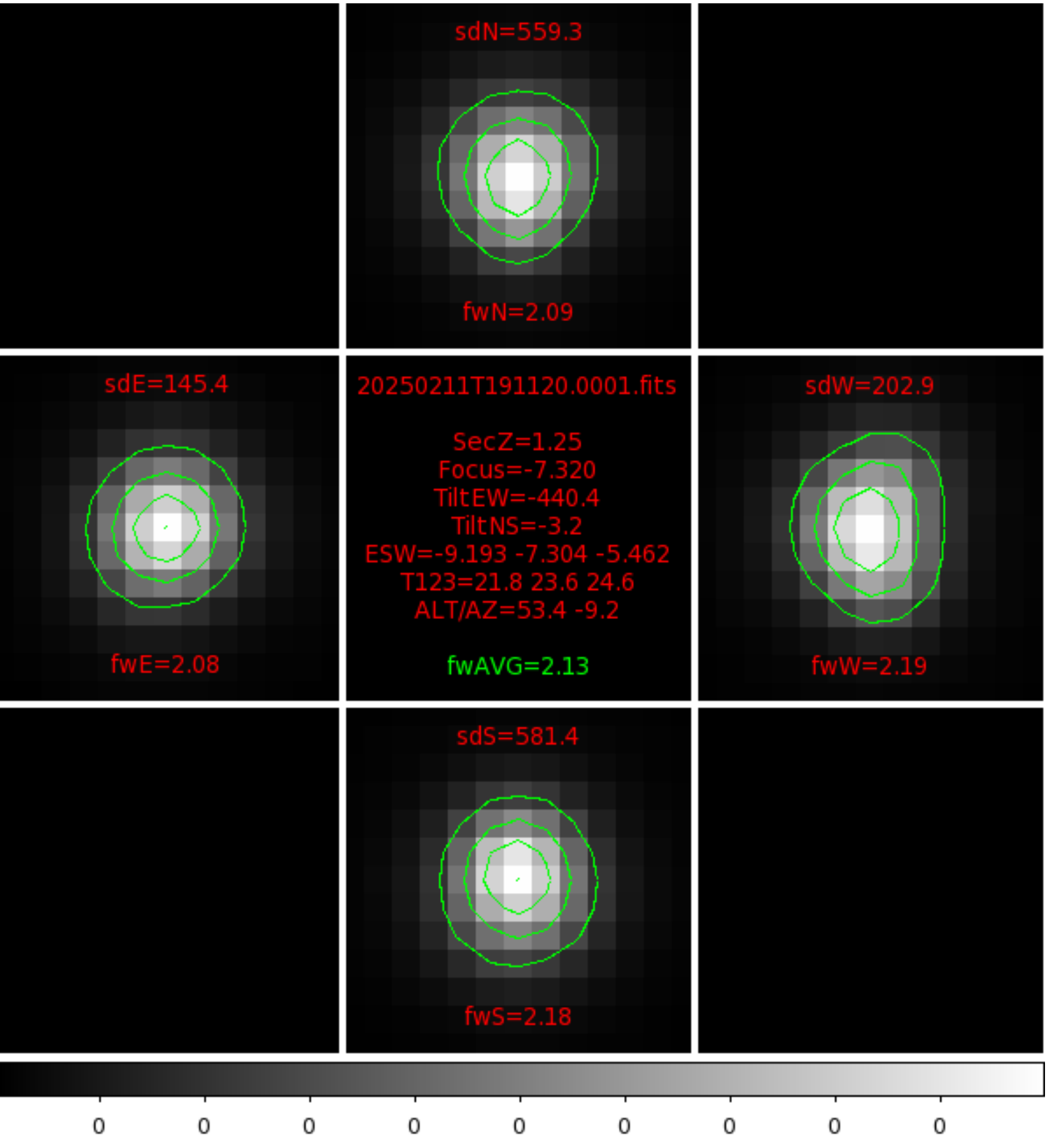
sdN=559.3
fwN=2.09
sdE=145.4
fwE=2.08
20250211T191120.0001.fits
SecZ=1.25
Focus=-7.320
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.193 -7.304 -5.462
T123=21.8 23.6 24.6
ALT/AZ=53.4 -9.2
fwAVG=2.13
sdW=202.9
fwW=2.19
sdS=581.4
fwS=2.18
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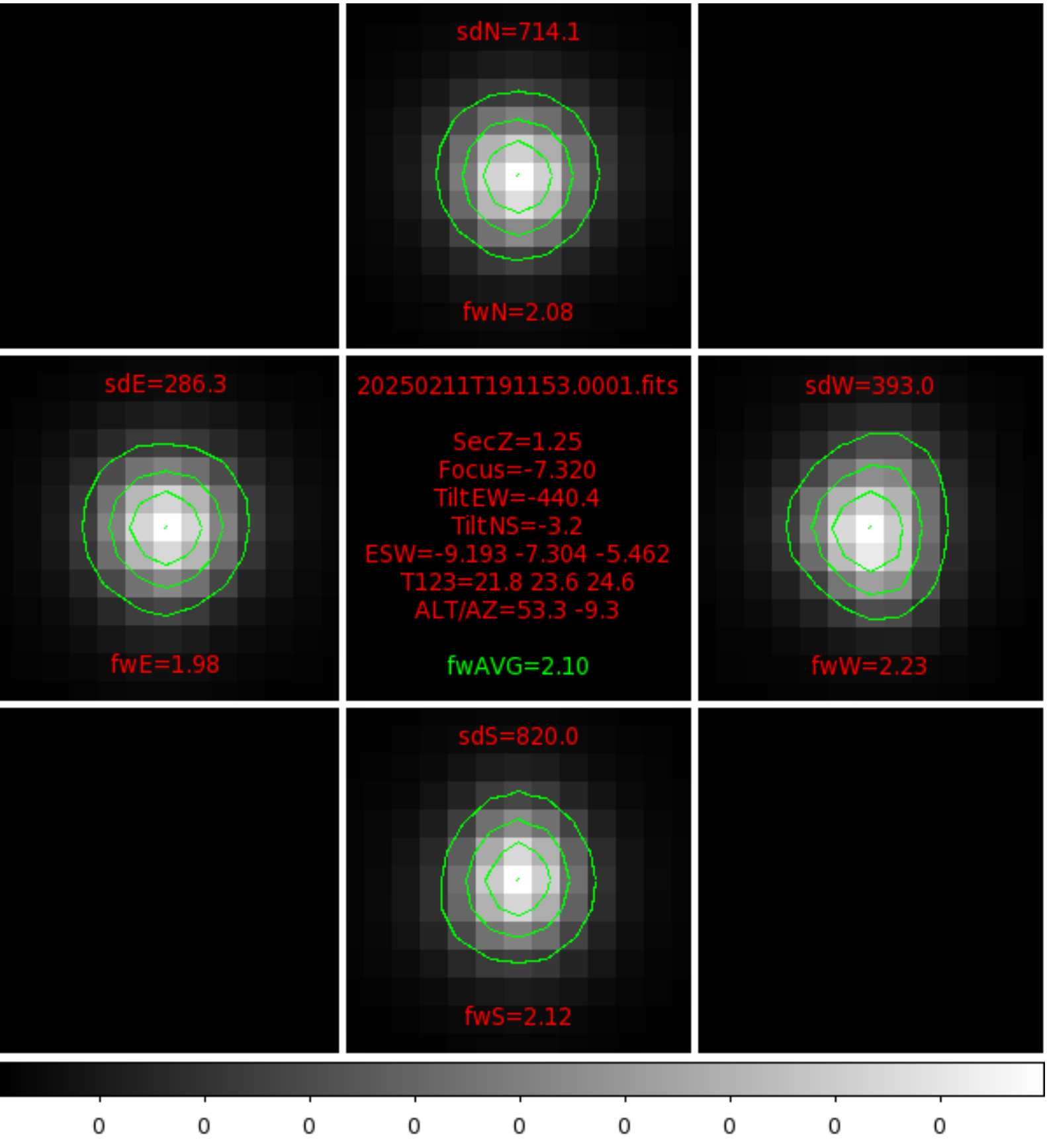
sdN=714.1
fwN=2.08
sdE=286.3
fwE=1.98
20250211T191153.0001.fits
SecZ=1.25
Focus=-7.320
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.193 -7.304 -5.462
T123=21.8 23.6 24.6
ALT/AZ=53.3 -9.3
fwAVG=2.10
sdW=393.0
fwW=2.23
sdS=820.0
fwS=2.12
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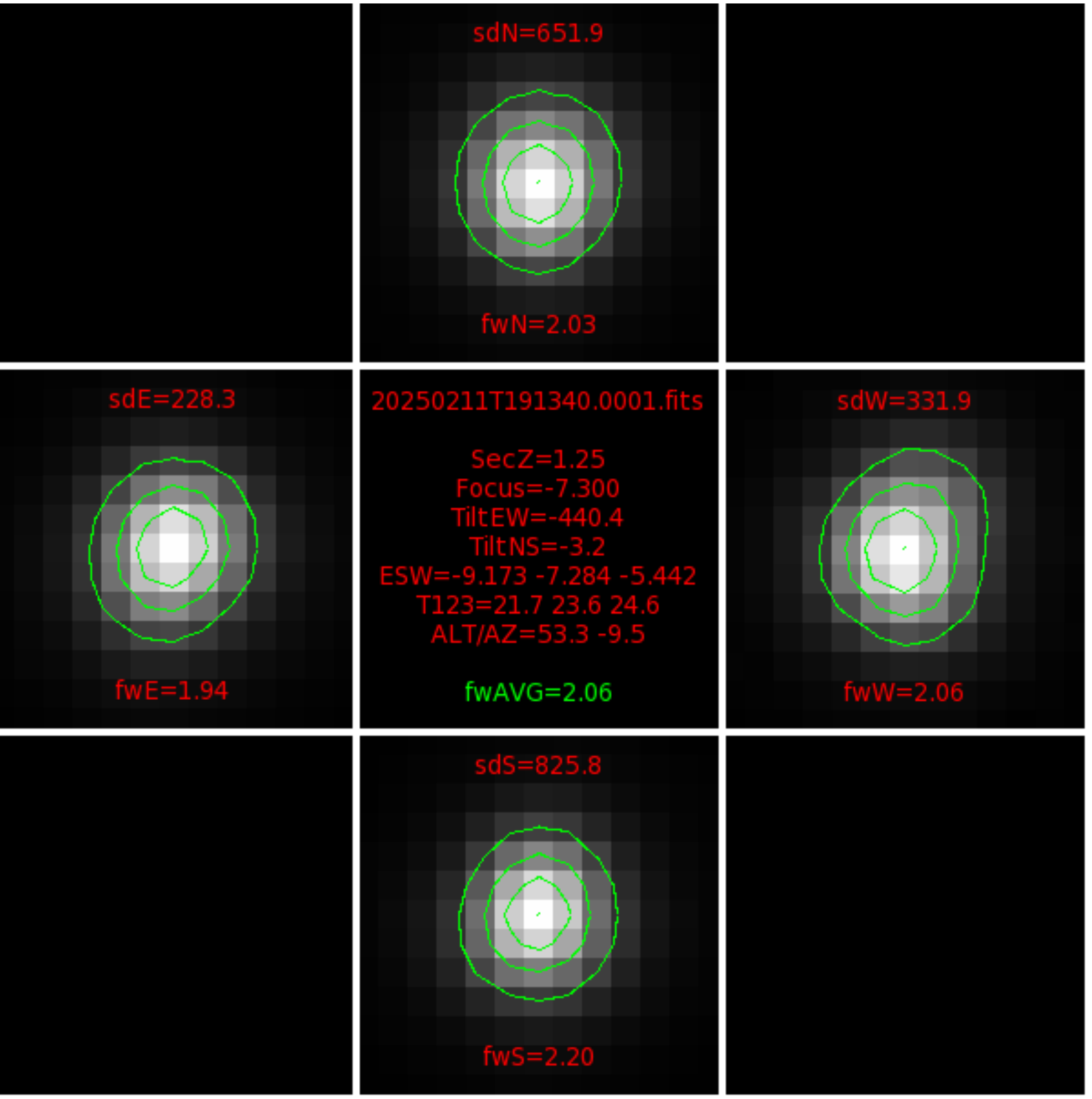
sdN=651.9
fwN=2.03
sdE=228.3
fwE=1.94
20250211T191340.0001.fits
SecZ=1.25
Focus=-7.300
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.173 -7.284 -5.442
T123=21.7 23.6 24.6
ALT/AZ=53.3 -9.5
fwAVG=2.06
sdW=331.9
fwW=2.06
sdS=825.8
fwS=2.20
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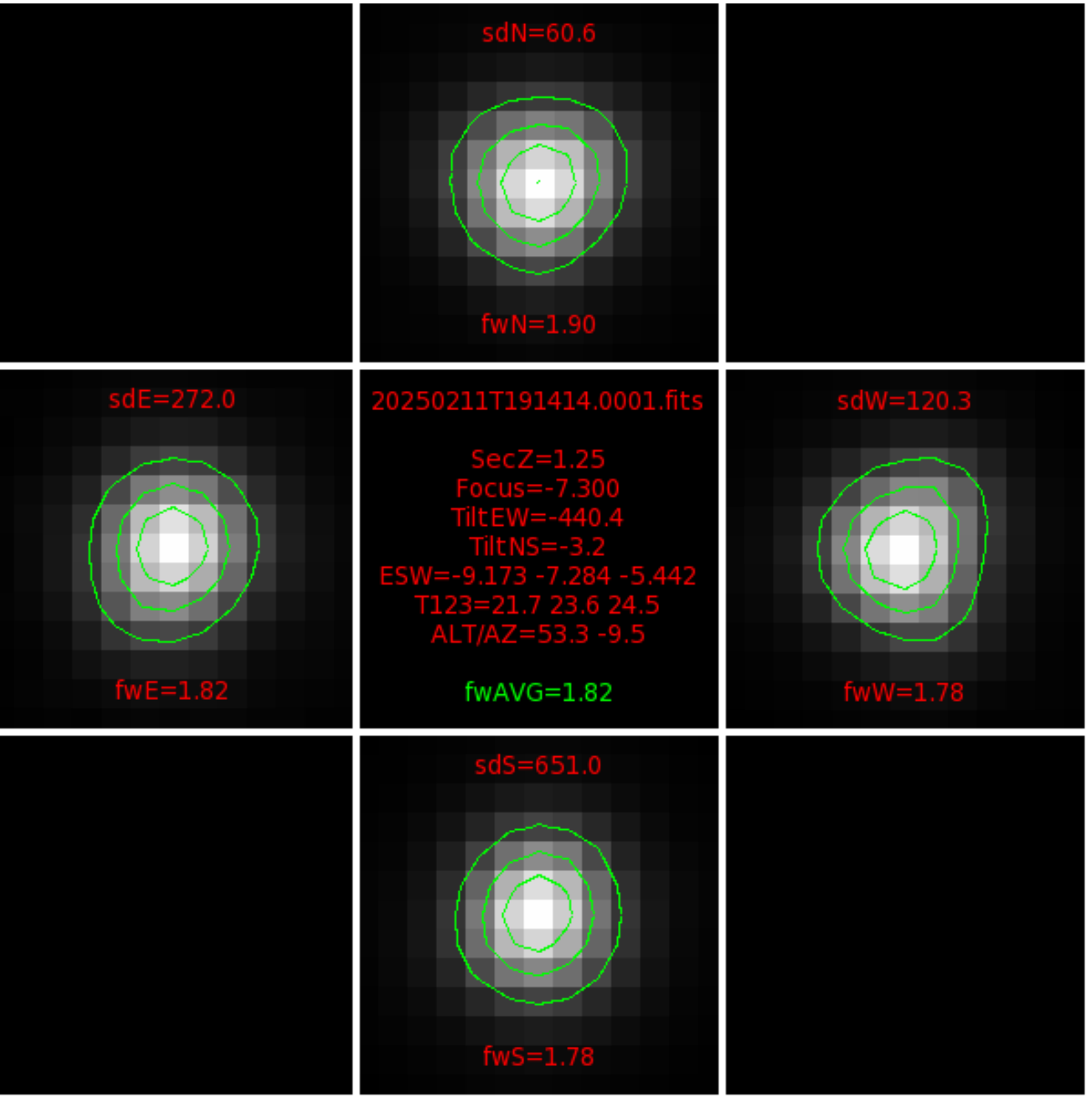
sdN=60.6
fwN=1.90
sdE=272.0
fwE=1.82
20250211T191414.0001.fits
SecZ=1.25
Focus=-7.300
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.173 -7.284 -5.442
T123=21.7 23.6 24.5
ALT/AZ=53.3 -9.5
fwAVG=1.82
sdW=120.3
fwW=1.78
sdS=651.0
fwS=1.78
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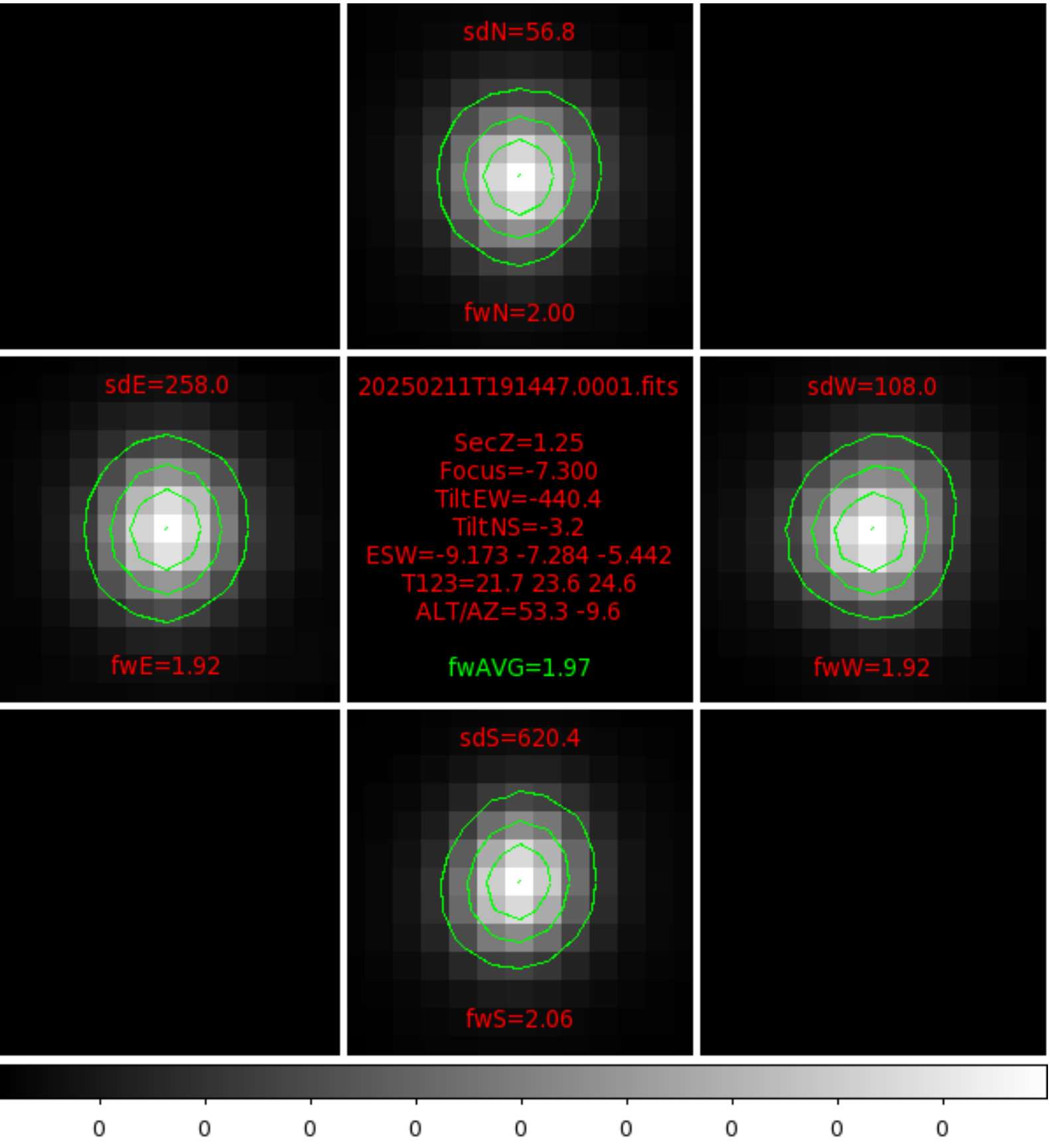
sdN=56.8
fwN=2.00
sdE=258.0
fwE=1.92
20250211T191447.0001.fits
SecZ=1.25
Focus=-7.300
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.173 -7.284 -5.442
T123=21.7 23.6 24.6
ALT/AZ=53.3 -9.6
fwAVG=1.97
sdW=108.0
fwW=1.92
sdS=620.4
fwS=2.06
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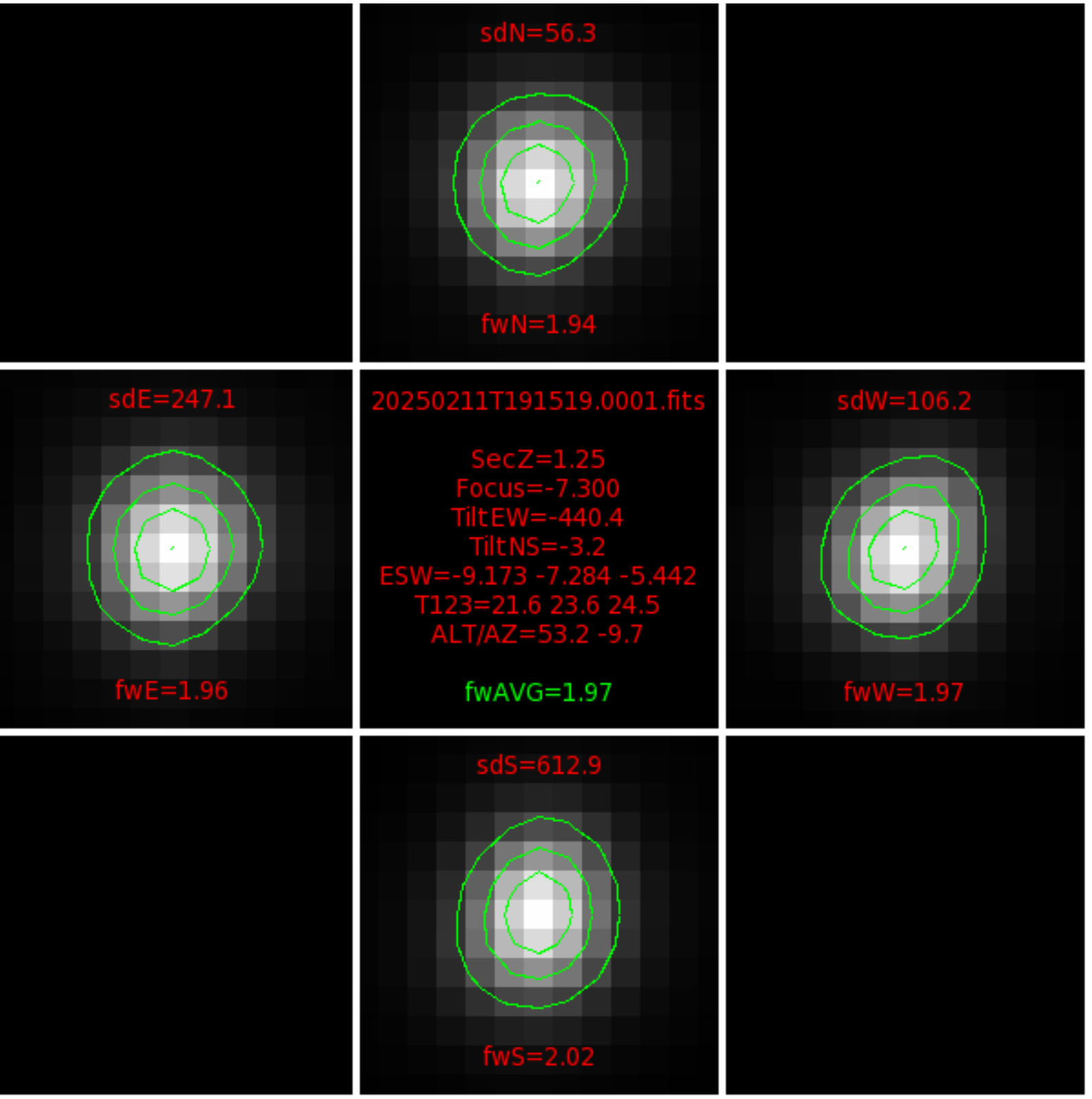
sdN=56.3
fwN=1.94
sdE=247.1
fwE=1.96
20250211T191519.0001.fits
SecZ=1.25
Focus=-7.300
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.173 -7.284 -5.442
T123=21.6 23.6 24.5
ALT/AZ=53.2 -9.7
fwAVG=1.97
sdW=106.2
fwW=1.97
sdS=612.9
fwS=2.02
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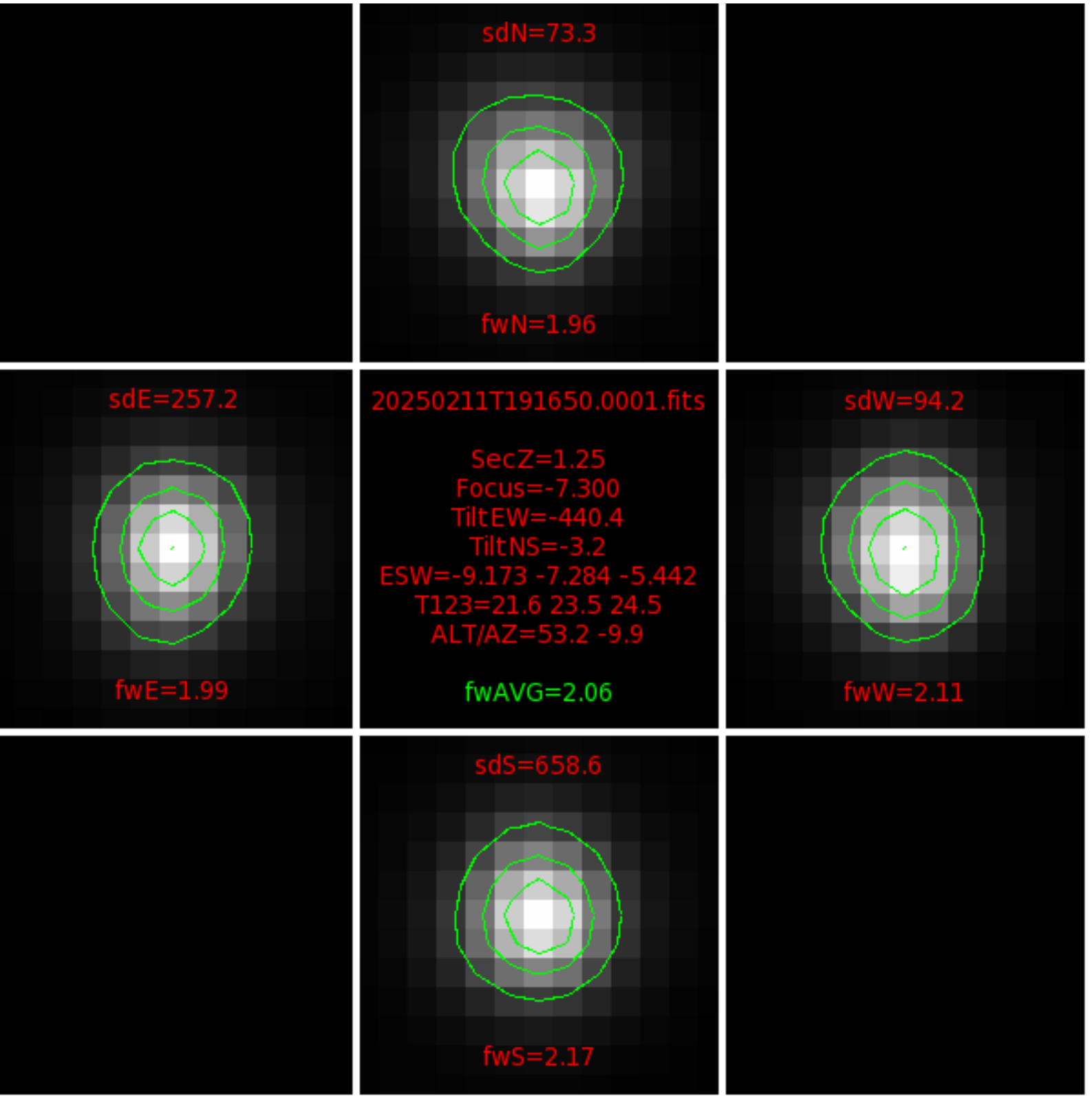
sdN=73.3
fwN=1.96
sdE=257.2
fwE=1.99
20250211T191650.0001.fits
SecZ=1.25
Focus=-7.300
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.173 -7.284 -5.442
T123=21.6 23.5 24.5
ALT/AZ=53.2 -9.9
fwAVG=2.06
sdW=94.2
fwW=2.11
sdS=658.6
fwS=2.17
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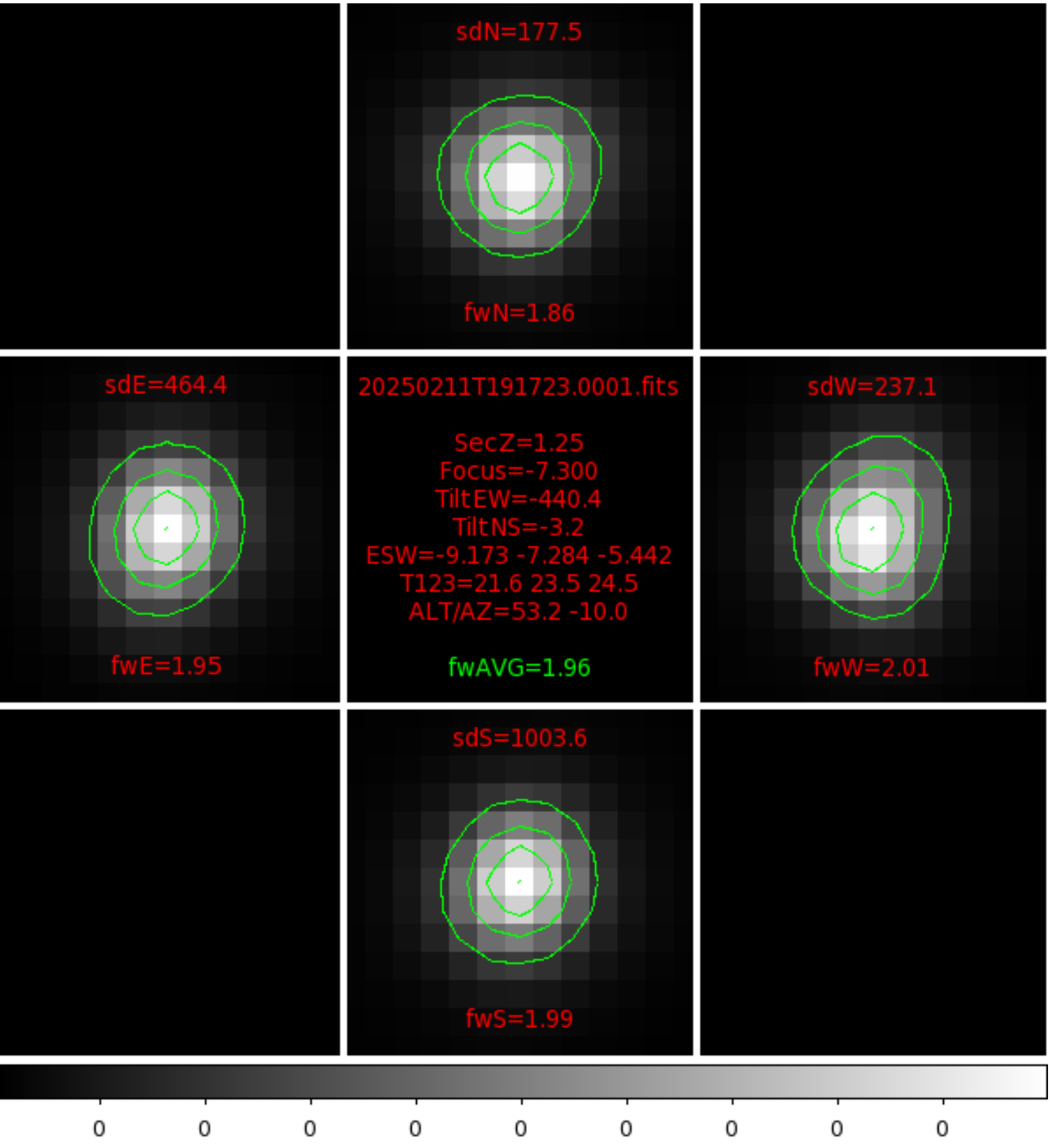
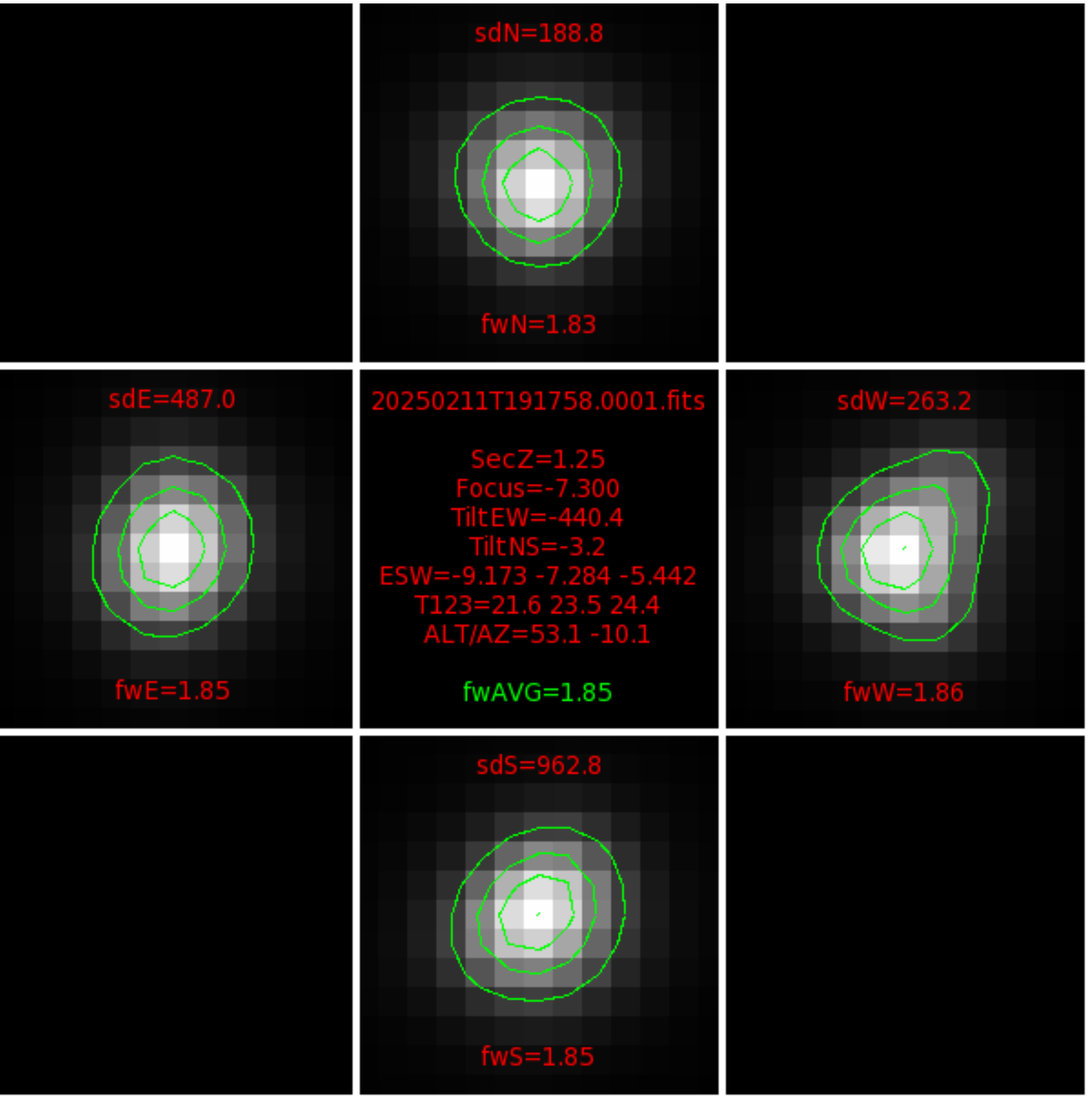

sdN=177.5
fwN=1.86
sdE=464.4
fwE=1.95
20250211T191723.0001.fits
SecZ=1.25
Focus=-7.300
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.173 -7.284 -5.442
T123=21.6 23.5 24.5
ALT/AZ=53.2 -10.0
fwAVG=1.96
sdW=237.1
fwW=2.01
sdS=1003.6
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=188.8
fwN=1.83
sdE=487.0
fwE=1.85
20250211T191758.0001.fits
SecZ=1.25
Focus=-7.300
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.173 -7.284 -5.442
T123=21.6 23.5 24.4
ALT/AZ=53.1 -10.1
fwAVG=1.85
sdW=263.2
fwW=1.86
sdS=962.8
fwS=1.85
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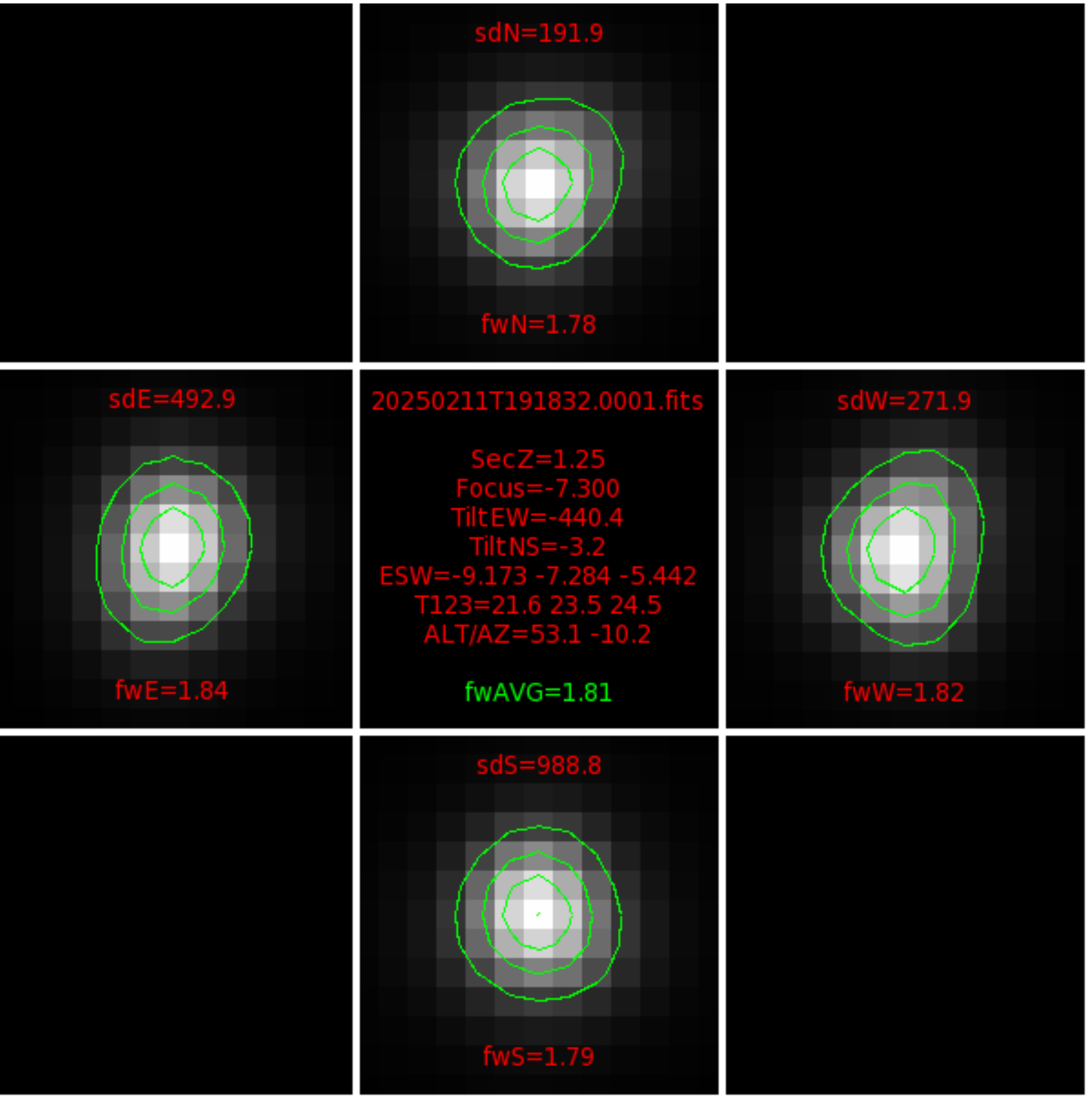
sdN=191.9
fwN=1.78
sdE=492.9
fwE=1.84
20250211T191832.0001.fits
SecZ=1.25
Focus=-7.300
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.173 -7.284 -5.442
T123=21.6 23.5 24.5
ALT/AZ=53.1 -10.2
fwAVG=1.81
sdW=271.9
fwW=1.82
sdS=988.8
fwS=1.79
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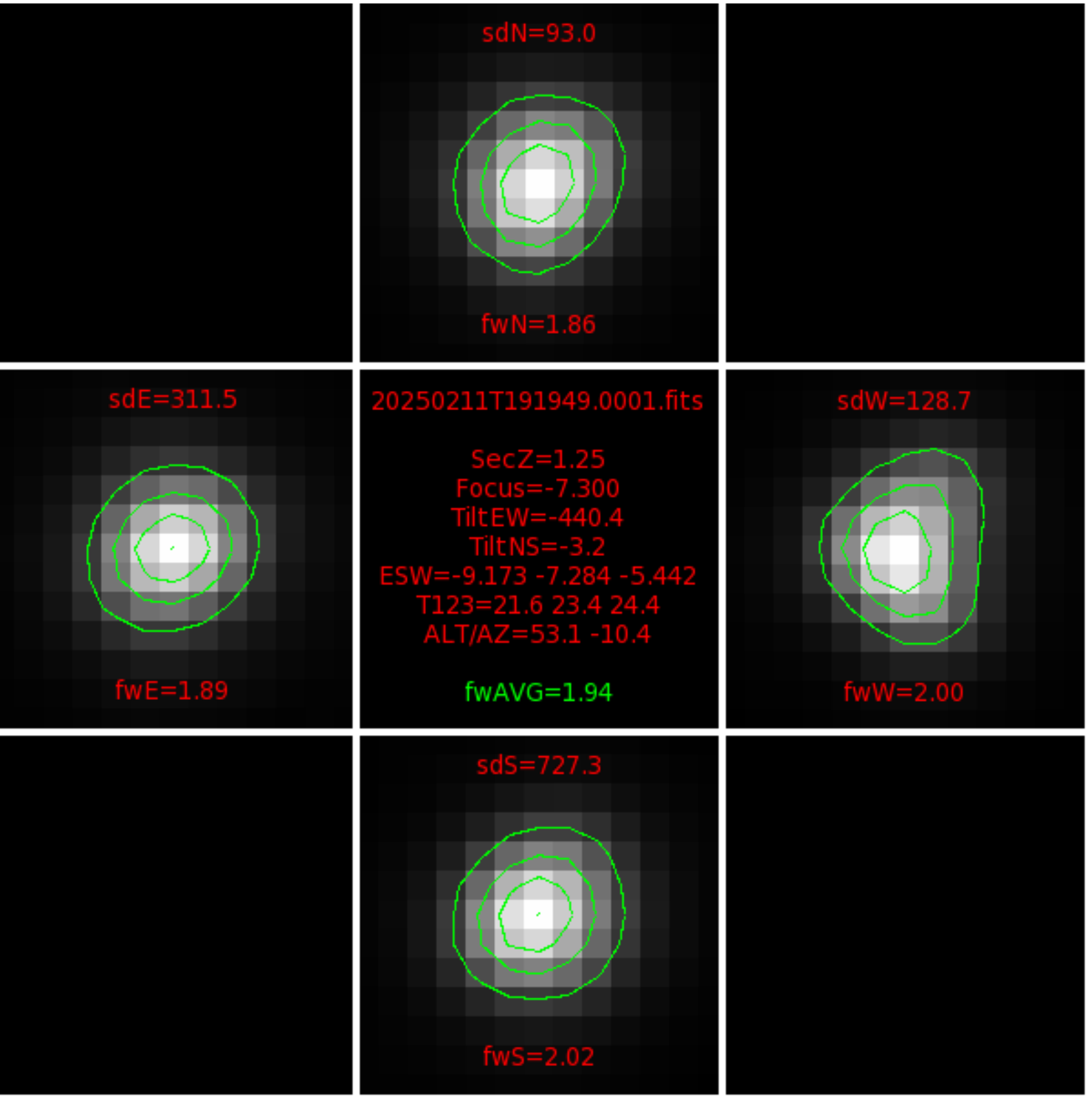
sdN=93.0
fwN=1.86
sdE=311.5
fwE=1.89
20250211T191949.0001.fits
SecZ=1.25
Focus=-7.300
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.173 -7.284 -5.442
T123=21.6 23.4 24.4
ALT/AZ=53.1 -10.4
fwAVG=1.94
sdW=128.7
fwW=2.00
sdS=727.3
fwS=2.02
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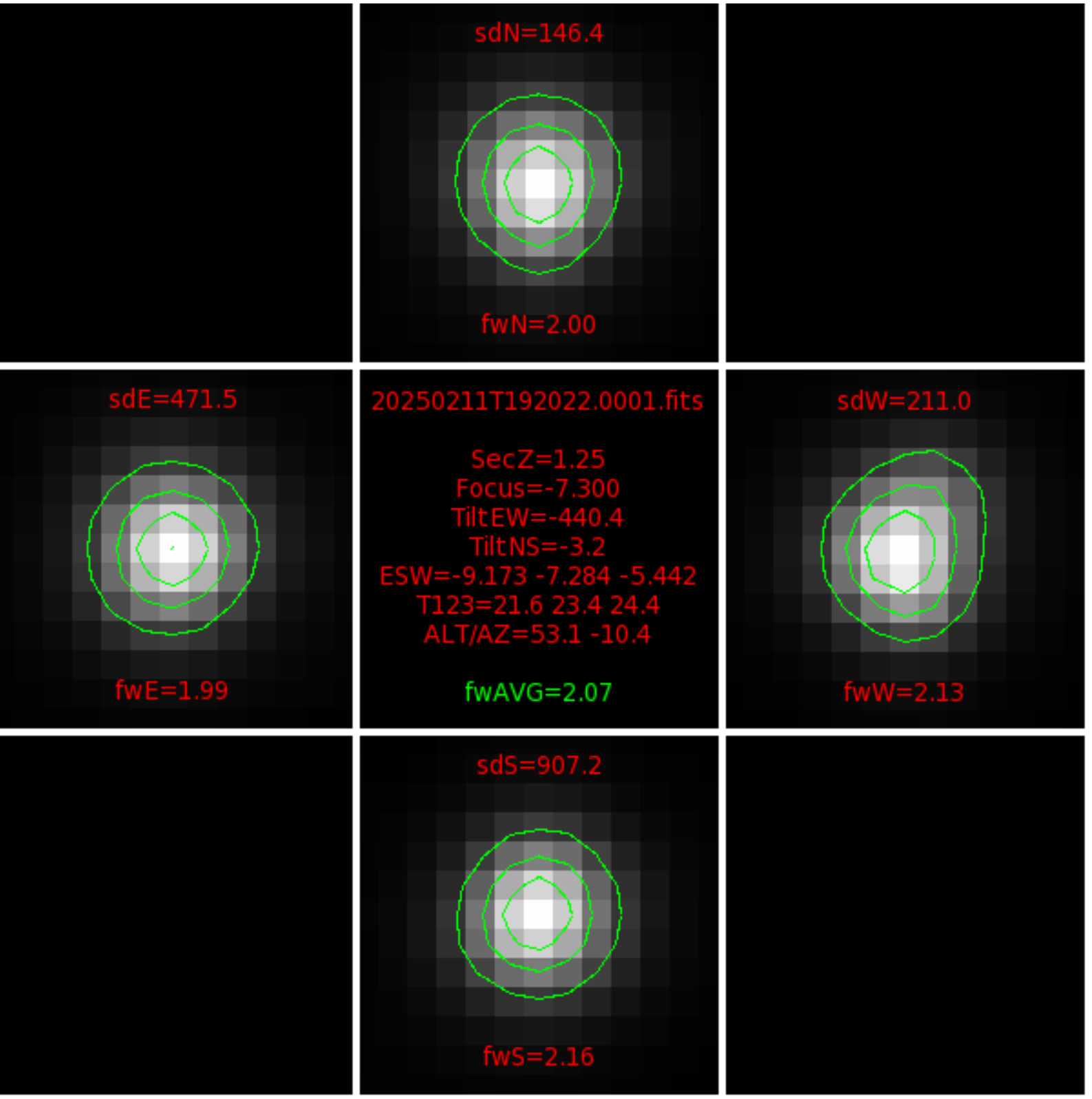
sdN=146.4
fwN=2.00
sdE=471.5
fwE=1.99
20250211T192022.0001.fits
SecZ=1.25
Focus=-7.300
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.173 -7.284 -5.442
T123=21.6 23.4 24.4
ALT/AZ=53.1 -10.4
fwAVG=2.07
sdW=211.0
fwW=2.13
sdS=907.2
fwS=2.16
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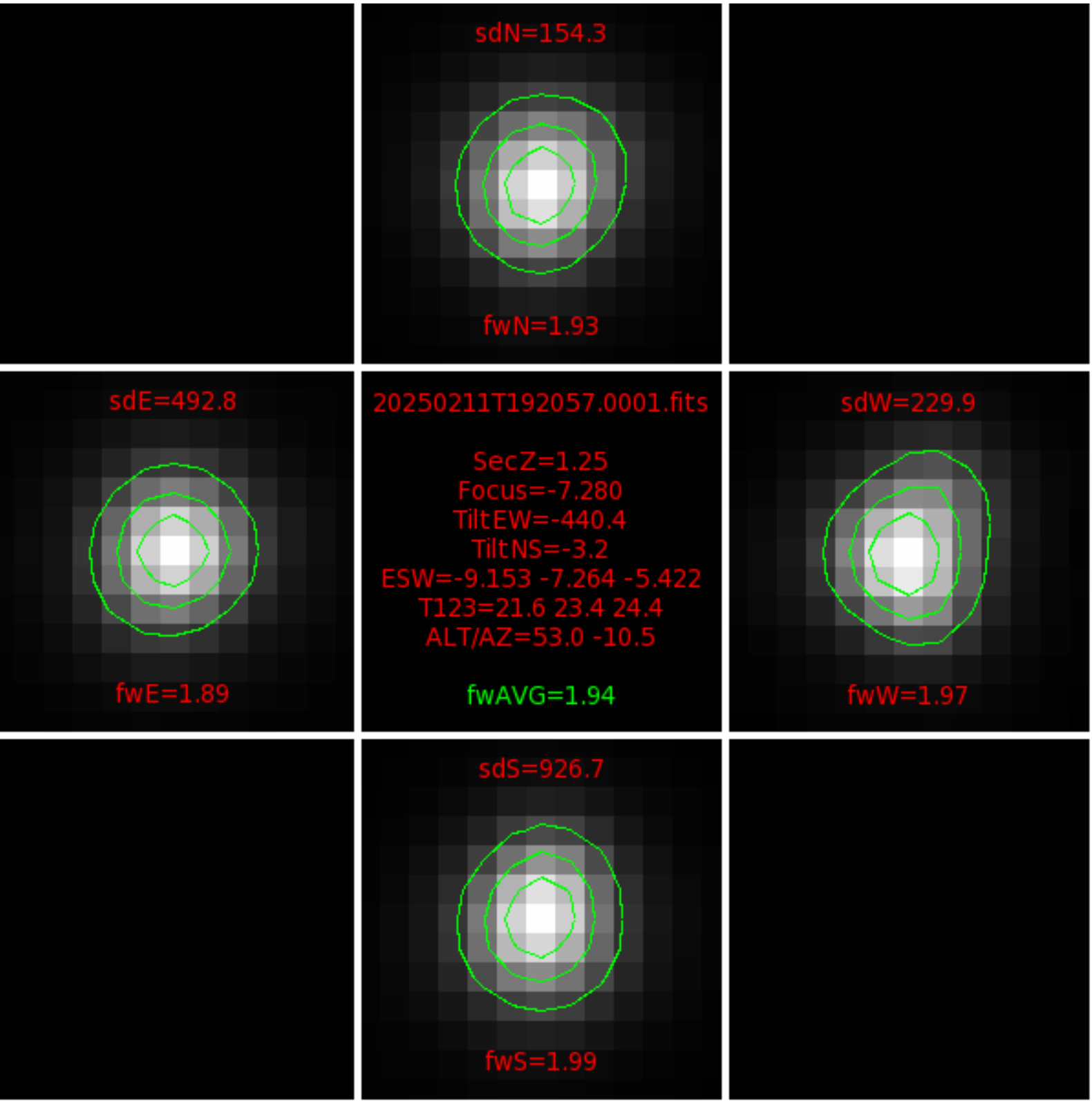
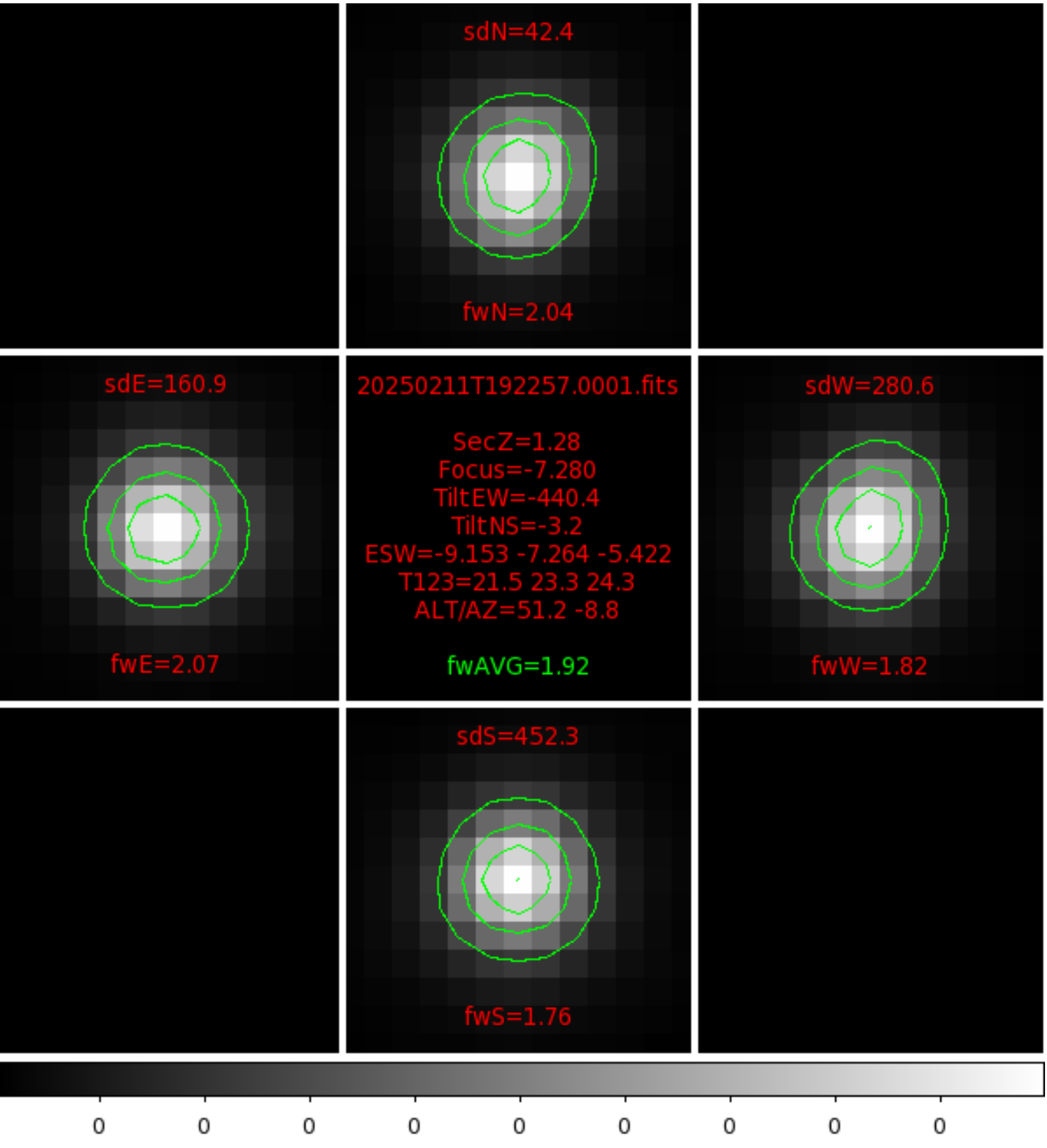

sdN=154.3
fwN=1.93
sdE=492.8
fwE=1.89
20250211T192057.0001.fits
SecZ=1.25
Focus=-7.280
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.153 -7.264 -5.422
T123=21.6 23.4 24.4
ALT/AZ=53.0 -10.5
fwAVG=1.94
sdW=229.9
fwW=1.97
sdS=926.7
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=42.4
fwN=2.04
sdE=160.9
fwE=2.07
20250211T192257.0001.fits
SecZ=1.28
Focus=-7.280
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.153 -7.264 -5.422
T123=21.5 23.3 24.3
ALT/AZ=51.2 -8.8
fwAVG=1.92
sdW=280.6
fwW=1.82
sdS=452.3
fwS=1.76
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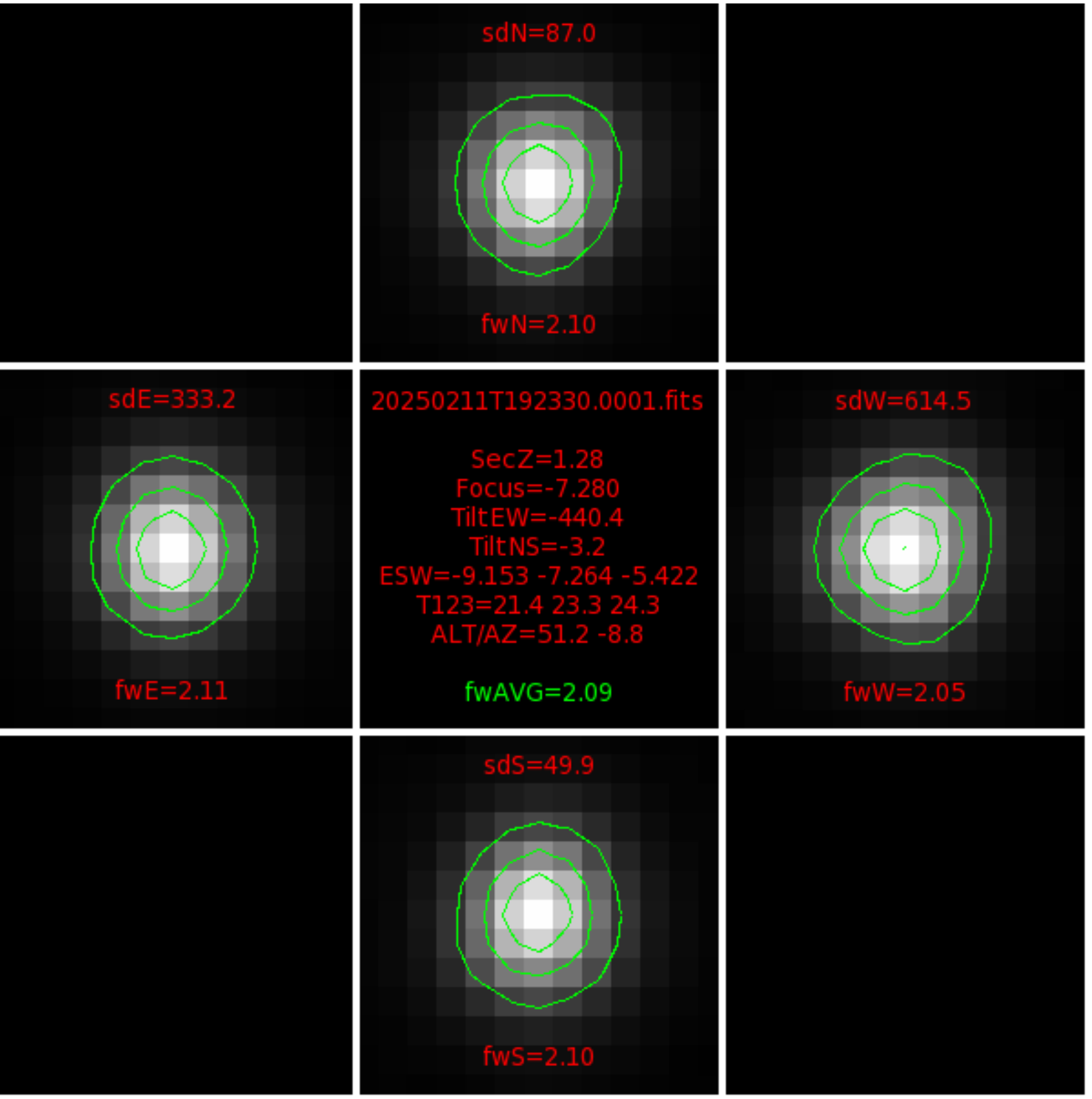
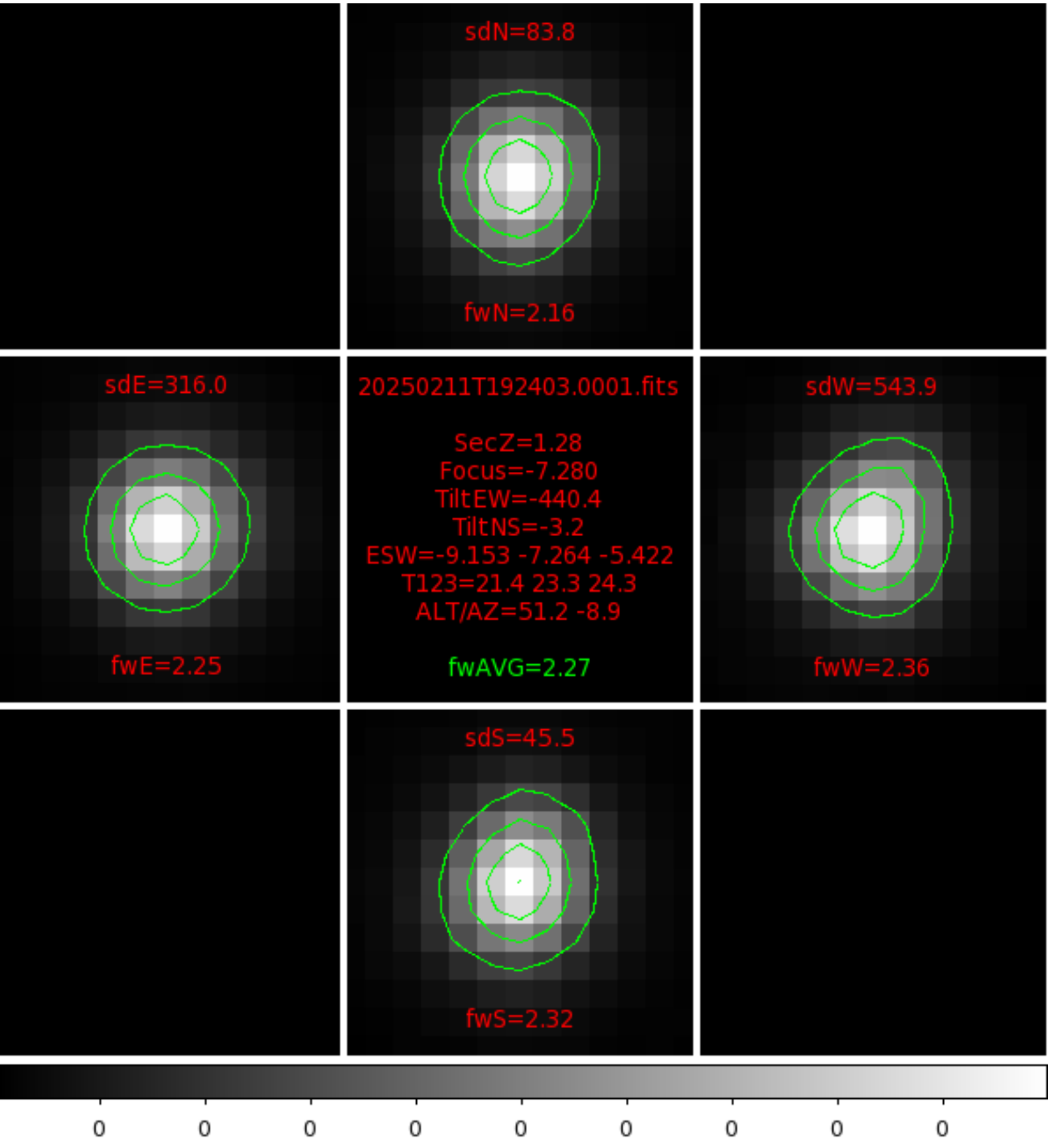
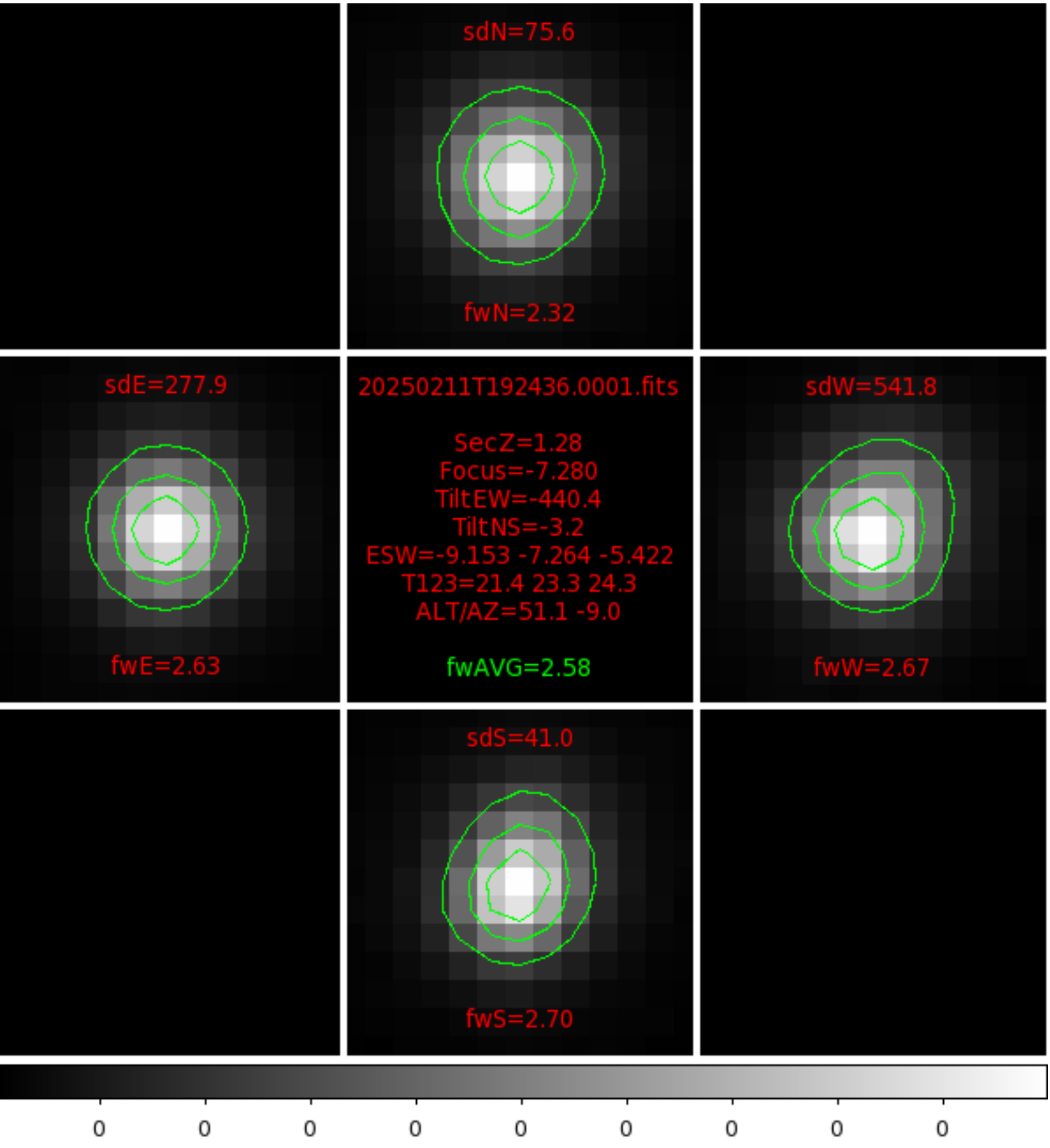
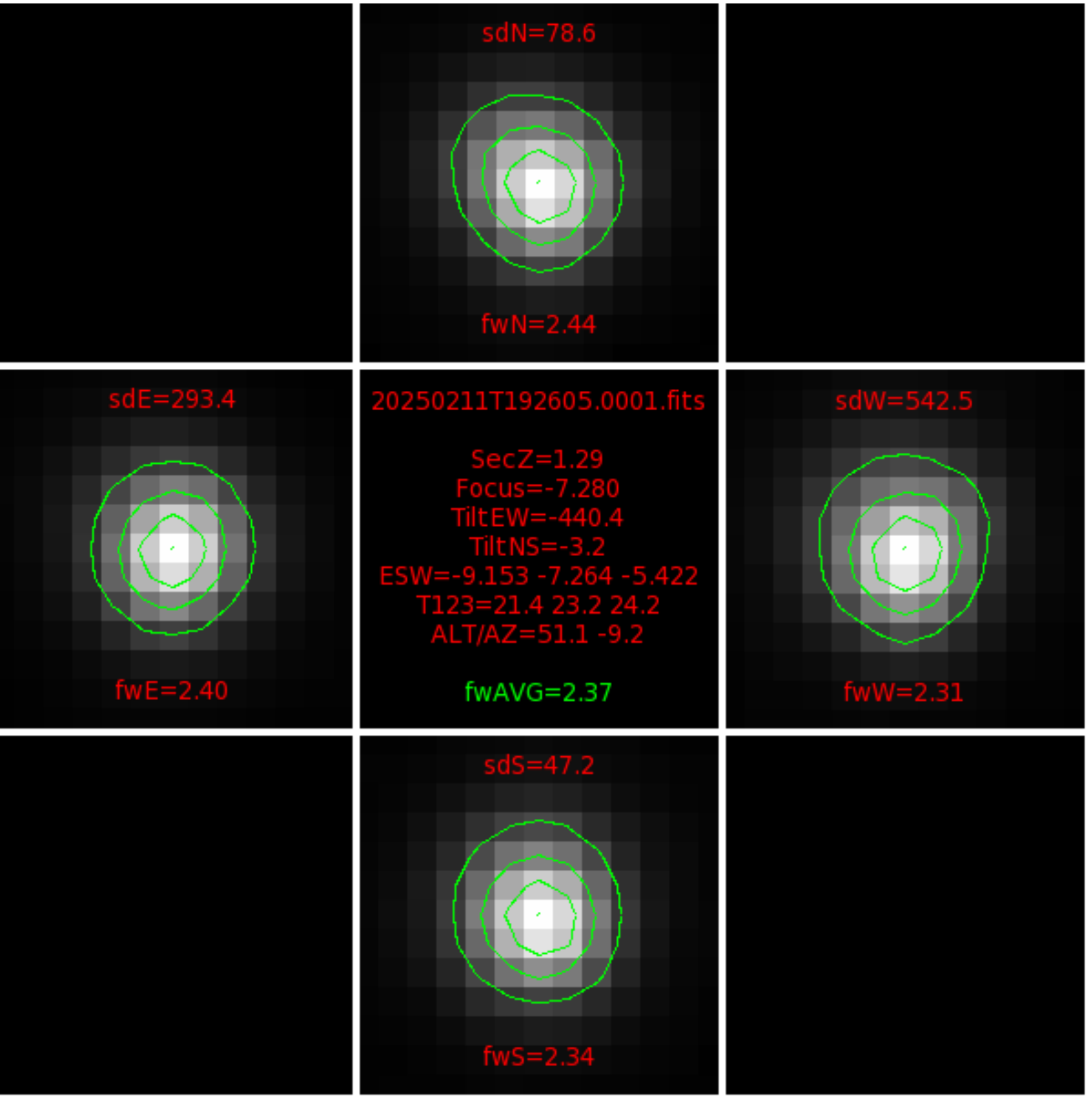
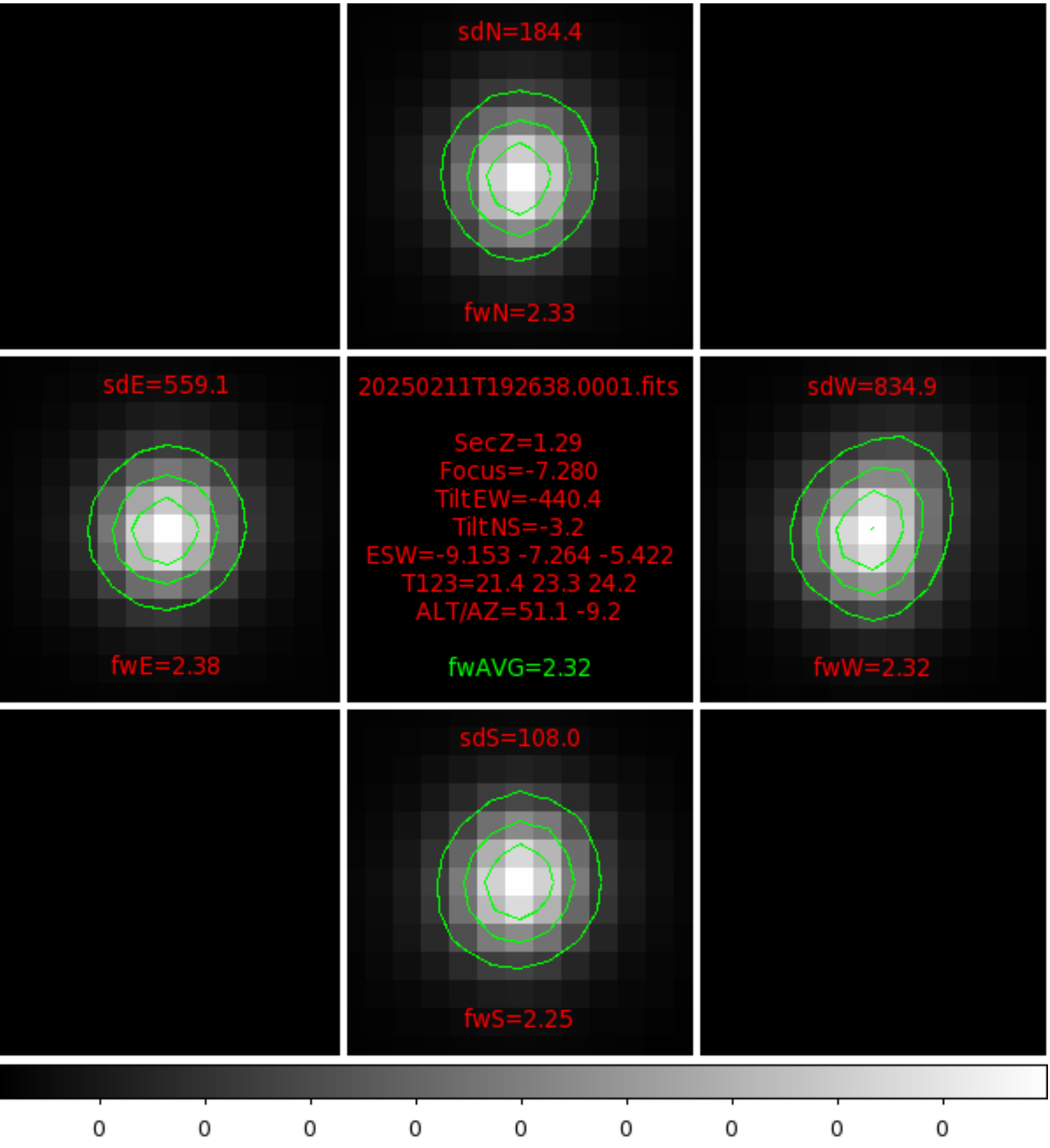
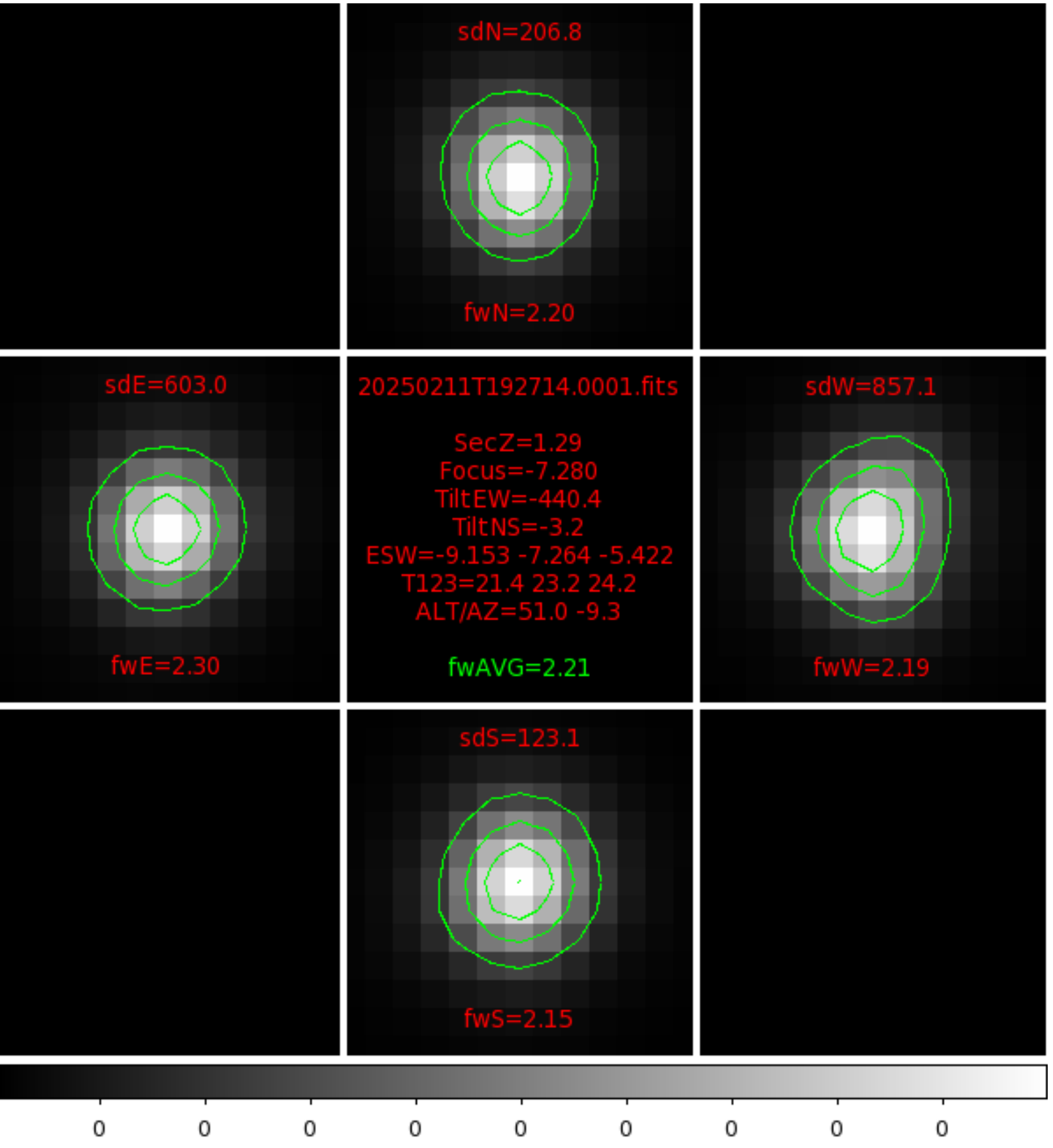

sdN=87.0
fwN=2.10
sdE=333.2
fwE=2.11
20250211T192330.0001.fits
SecZ=1.28
Focus=-7.280
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.153 -7.264 -5.422
T123=21.4 23.3 24.3
ALT/AZ=51.2 -8.8
fwAVG=2.09
sdW=614.5
fwW=2.05
sdS=49.9
fwS=2.10
0 0 0 0 0 0 0 0 0

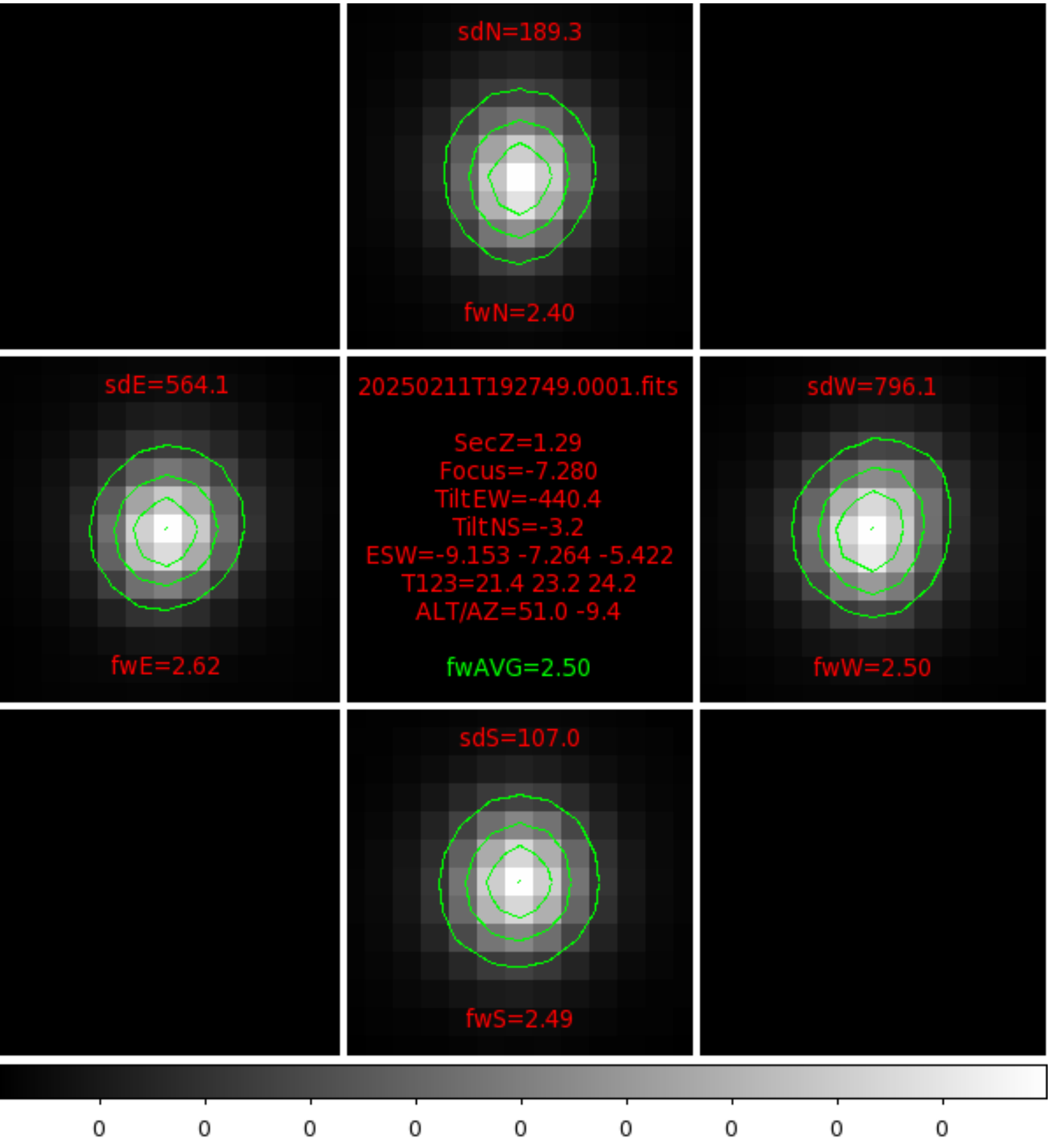

sdN=83.8
fwN=2.16
sdE=316.0
fwE=2.25
20250211T192403.0001.fits
SecZ=1.28
Focus=-7.280
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.153 -7.264 -5.422
T123=21.4 23.3 24.3
ALT/AZ=51.2 -8.9
fwAVG=2.27
sdW=543.9
fwW=2.36
sdS=45.5
fwS=2.32
0 0 0 0 0 0 0 0 0

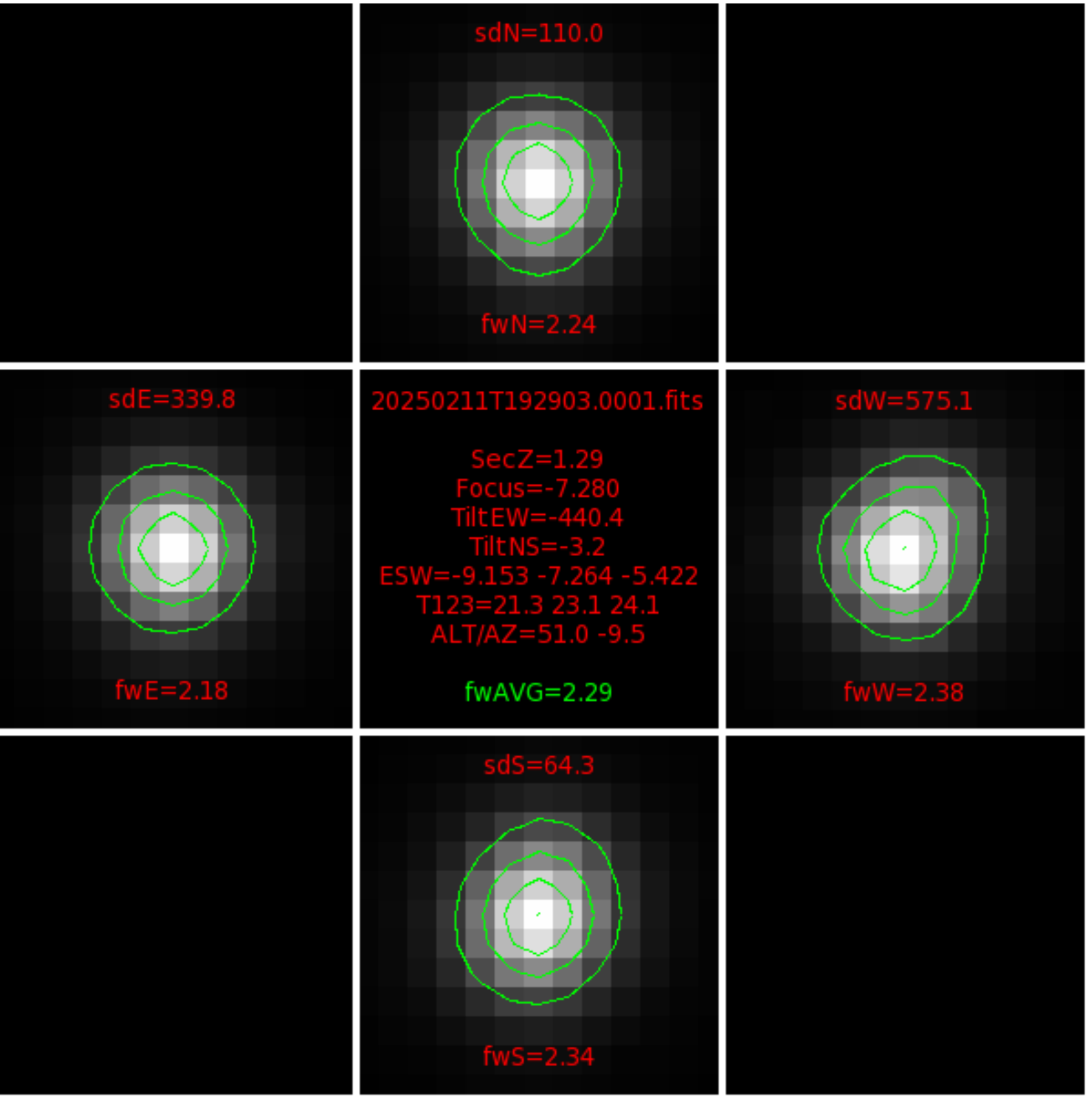

sdN=75.6
fwN=2.32
sdE=277.9
fwE=2.63
20250211T192436.0001.fits
SecZ=1.28
Focus=-7.280
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.153 -7.264 -5.422
T123=21.4 23.3 24.3
ALT/AZ=51.1 -9.0
fwAVG=2.58
sdW=541.8
fwW=2.67
sdS=41.0
fwS=2.70
0 0 0 0 0 0 0 0 0

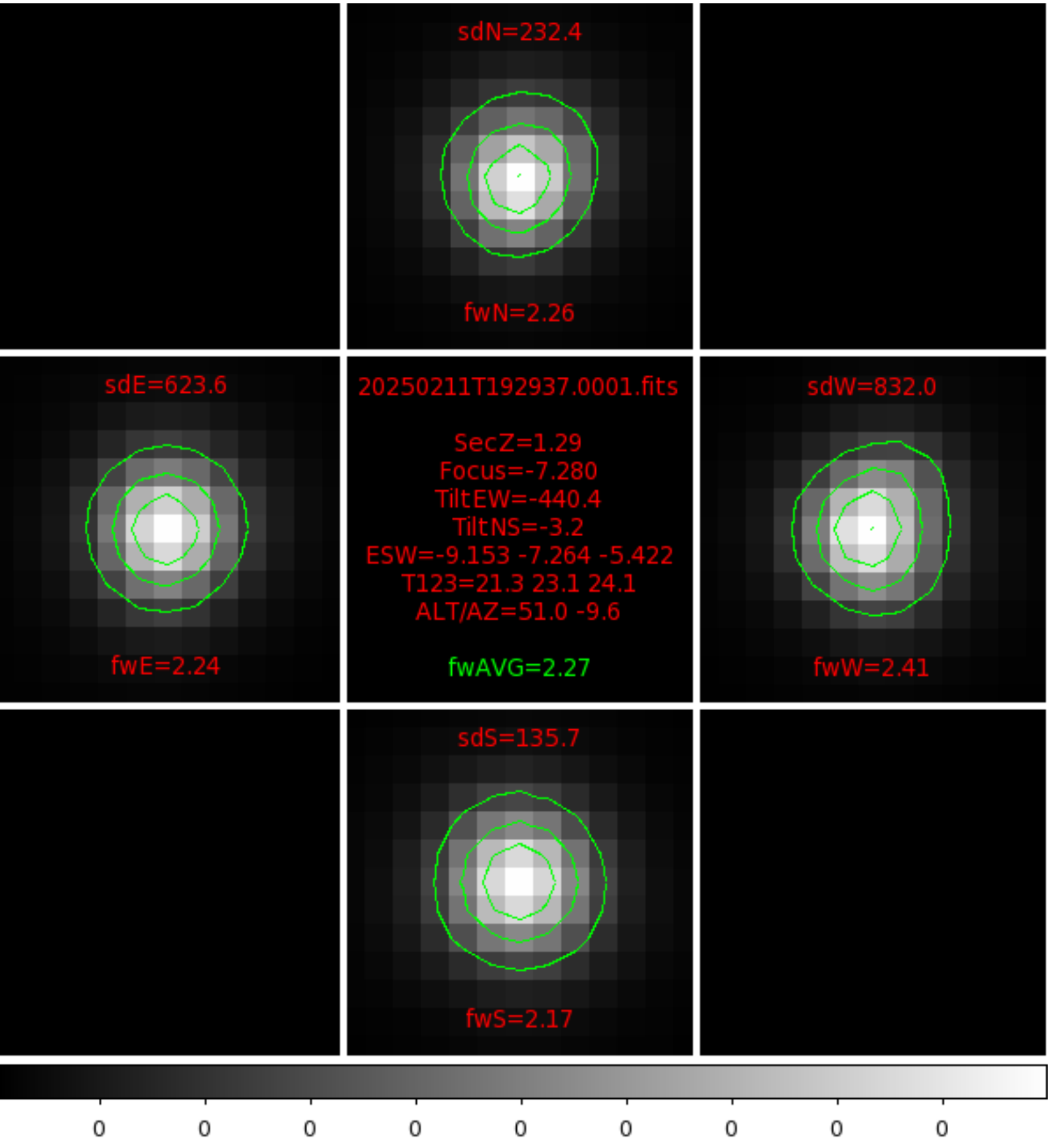

sdN=78.6
fwN=2.44
sdE=293.4
fwE=2.40
20250211T192605.0001.fits
SecZ=1.29
Focus=-7.280
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.153 -7.264 -5.422
T123=21.4 23.2 24.2
ALT/AZ=51.1 -9.2
fwAVG=2.37
sdW=542.5
fwW=2.31
sdS=47.2
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=184.4
fwN=2.33
sdE=559.1
fwE=2.38
20250211T192638.0001.fits
SecZ=1.29
Focus=-7.280
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.153 -7.264 -5.422
T123=21.4 23.3 24.2
ALT/AZ=51.1 -9.2
fwAVG=2.32
sdW=834.9
fwW=2.32
sdS=108.0
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=206.8
fwN=2.20
sdE=603.0
fwE=2.30
20250211T192714.0001.fits
SecZ=1.29
Focus=-7.280
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.153 -7.264 -5.422
T123=21.4 23.2 24.2
ALT/AZ=51.0 -9.3
fwAVG=2.21
sdW=857.1
fwW=2.19
sdS=123.1
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=189.3
fwN=2.40
sdE=564.1
fwE=2.62
20250211T192749.0001.fits
SecZ=1.29
Focus=-7.280
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.153 -7.264 -5.422
T123=21.4 23.2 24.2
ALT/AZ=51.0 -9.4
fwAVG=2.50
sdW=796.1
fwW=2.50
sdS=107.0
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=110.0
fwN=2.24
sdE=339.8
fwE=2.18
20250211T192903.0001.fits
SecZ=1.29
Focus=-7.280
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.153 -7.264 -5.422
T123=21.3 23.1 24.1
ALT/AZ=51.0 -9.5
fwAVG=2.29
sdW=575.1
fwW=2.38
sdS=64.3
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=232.4
fwN=2.26
sdE=623.6
fwE=2.24
20250211T192937.0001.fits
SecZ=1.29
Focus=-7.280
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.153 -7.264 -5.422
T123=21.3 23.1 24.1
ALT/AZ=51.0 -9.6
fwAVG=2.27
sdW=832.0
fwW=2.41
sdS=135.7
fwS=2.17
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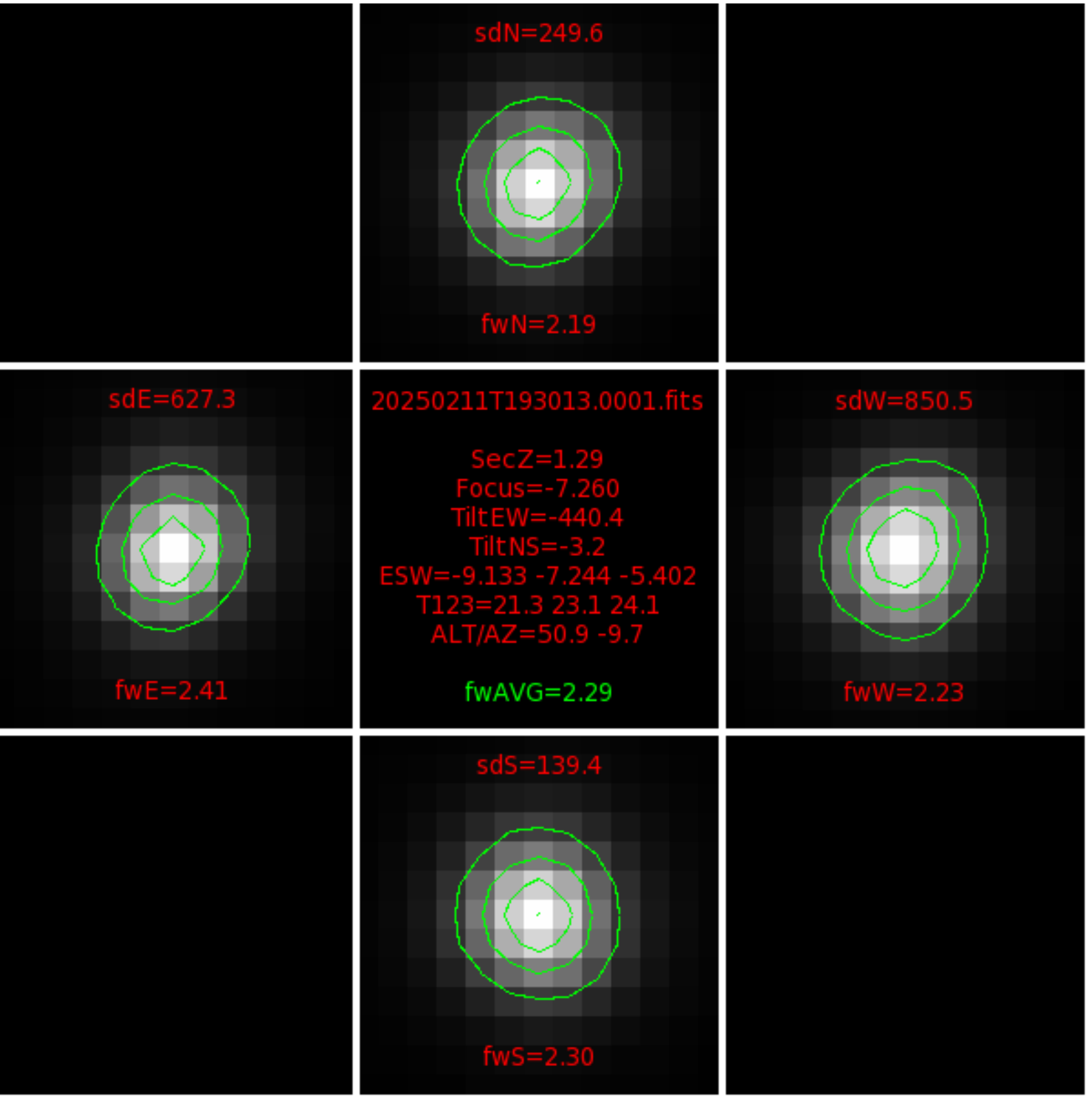
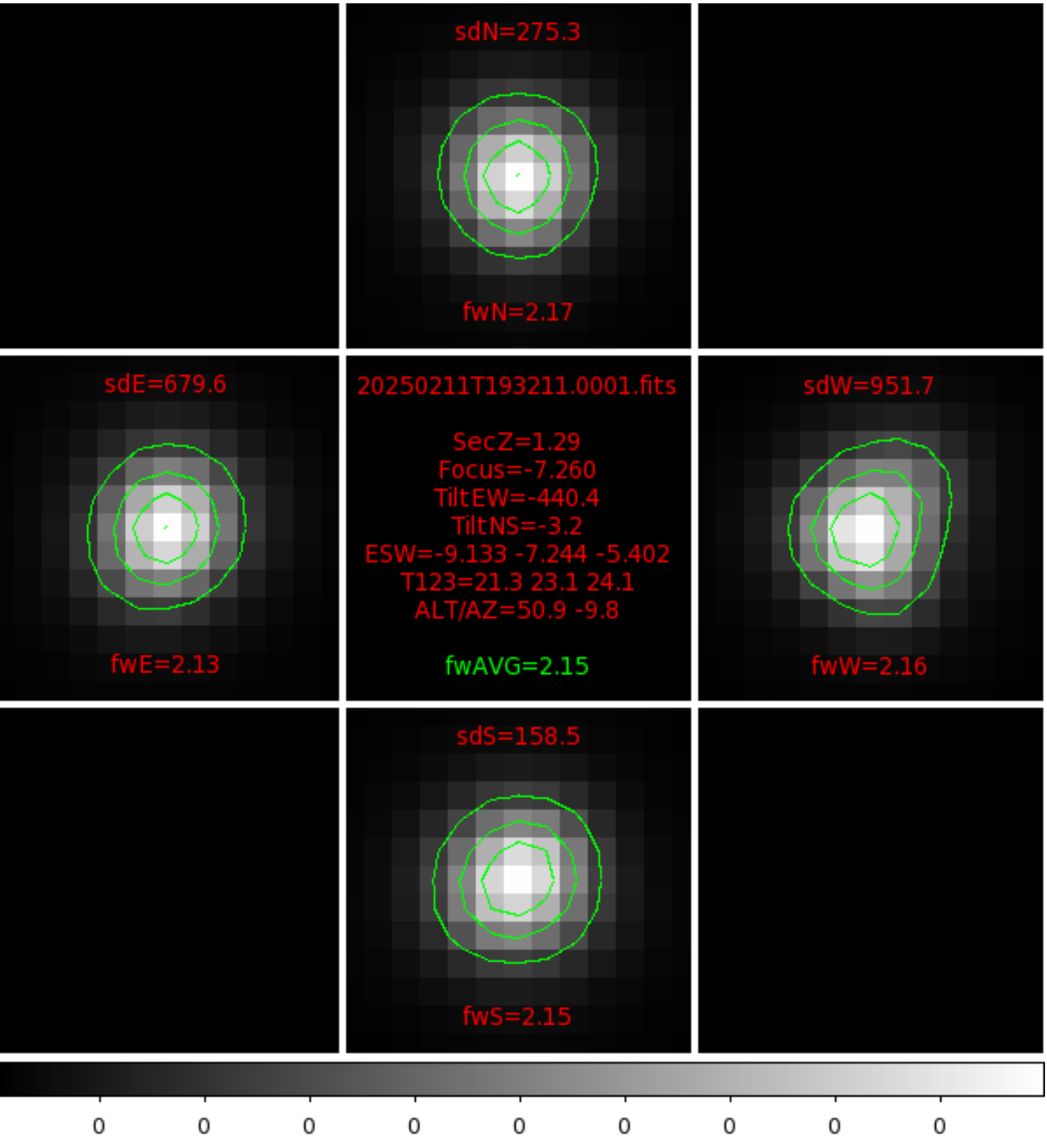
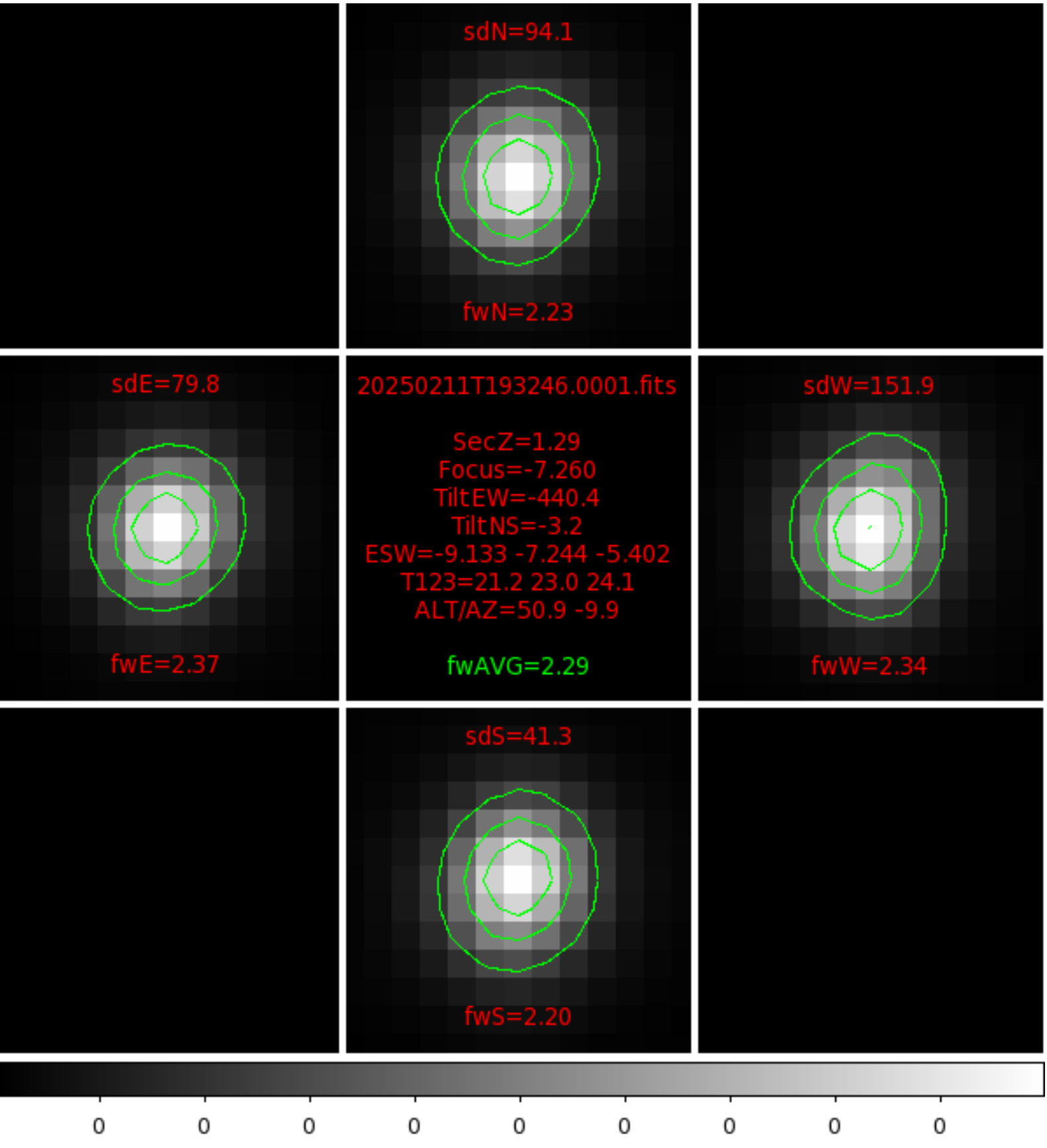
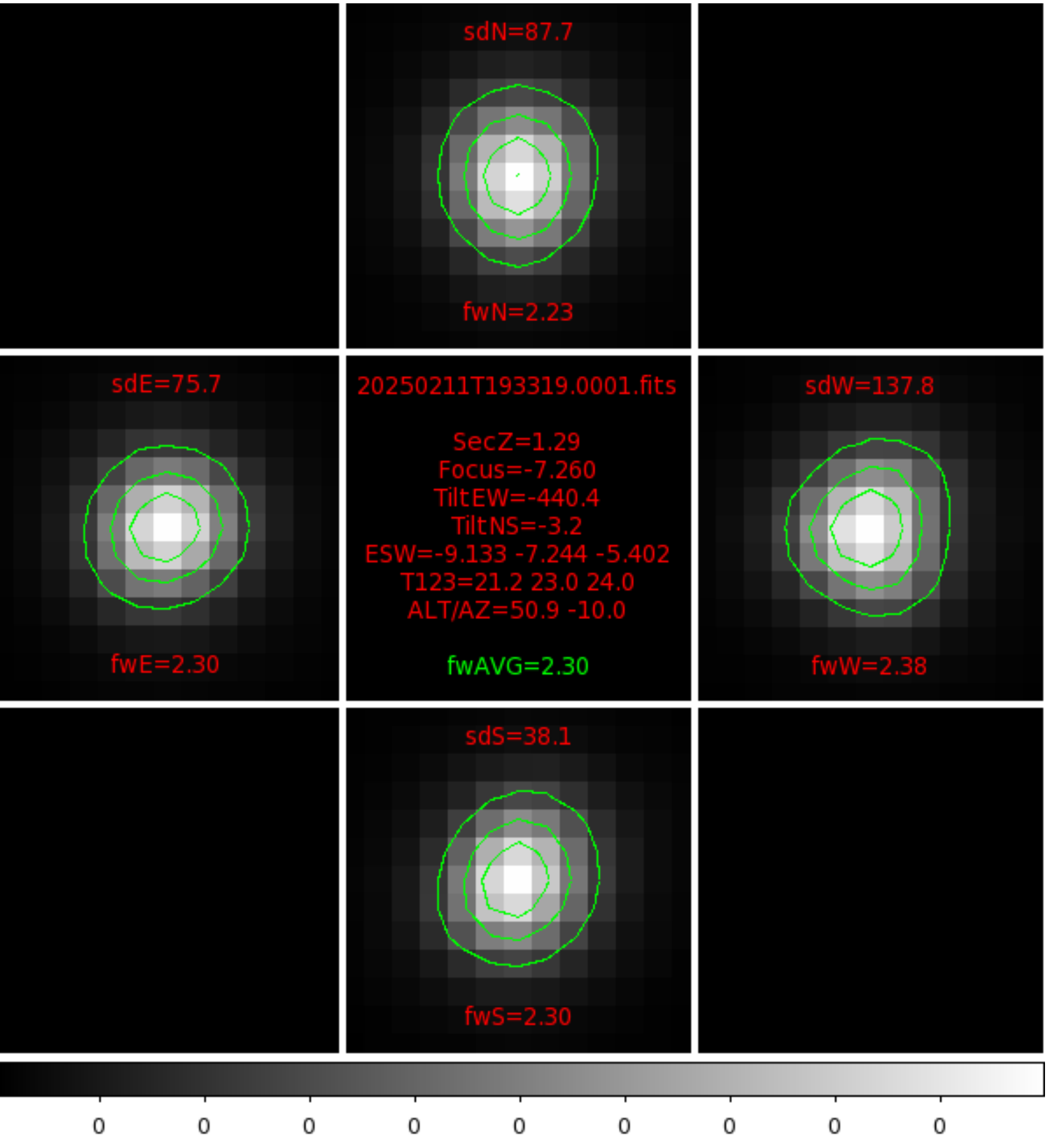
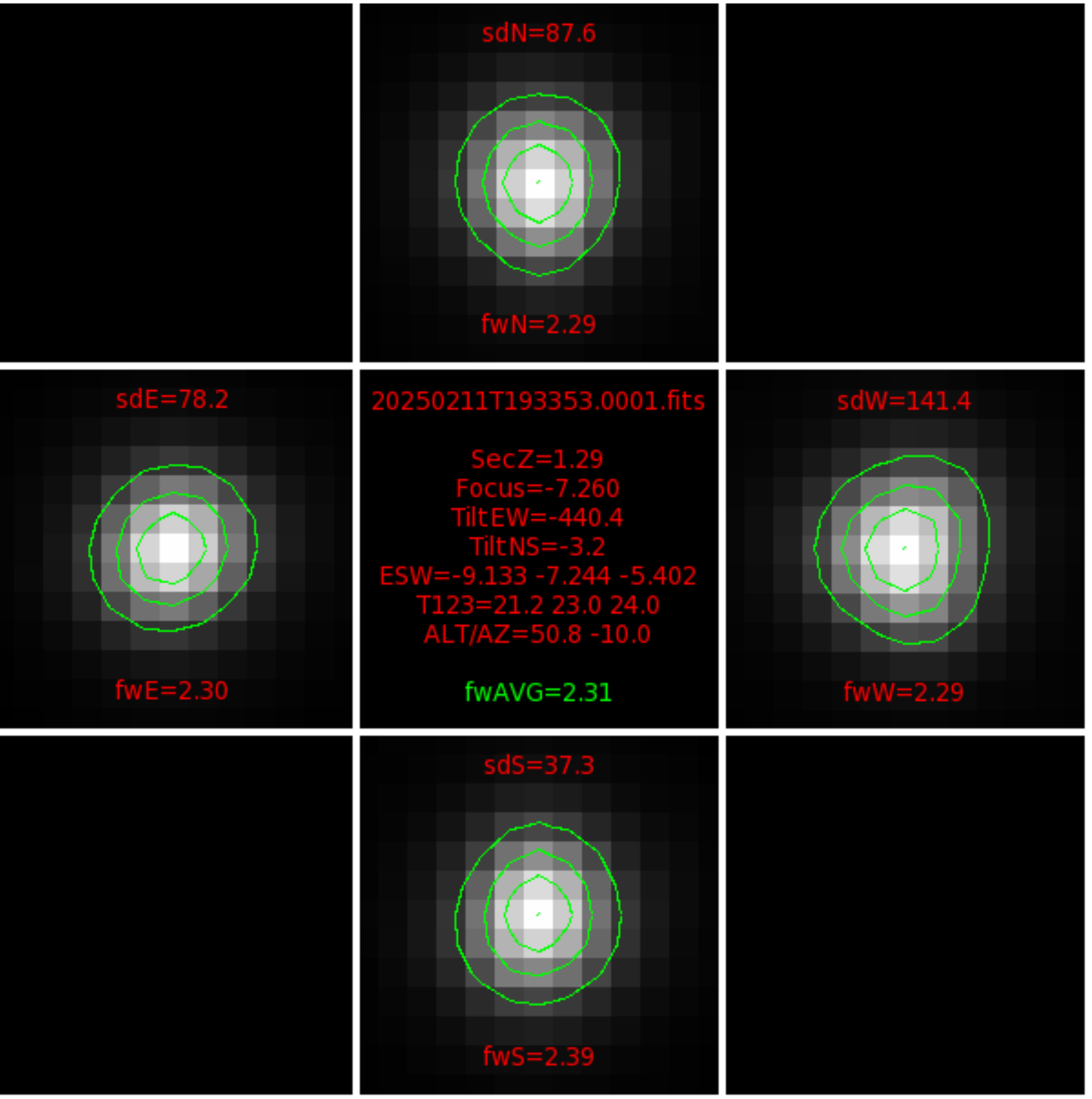
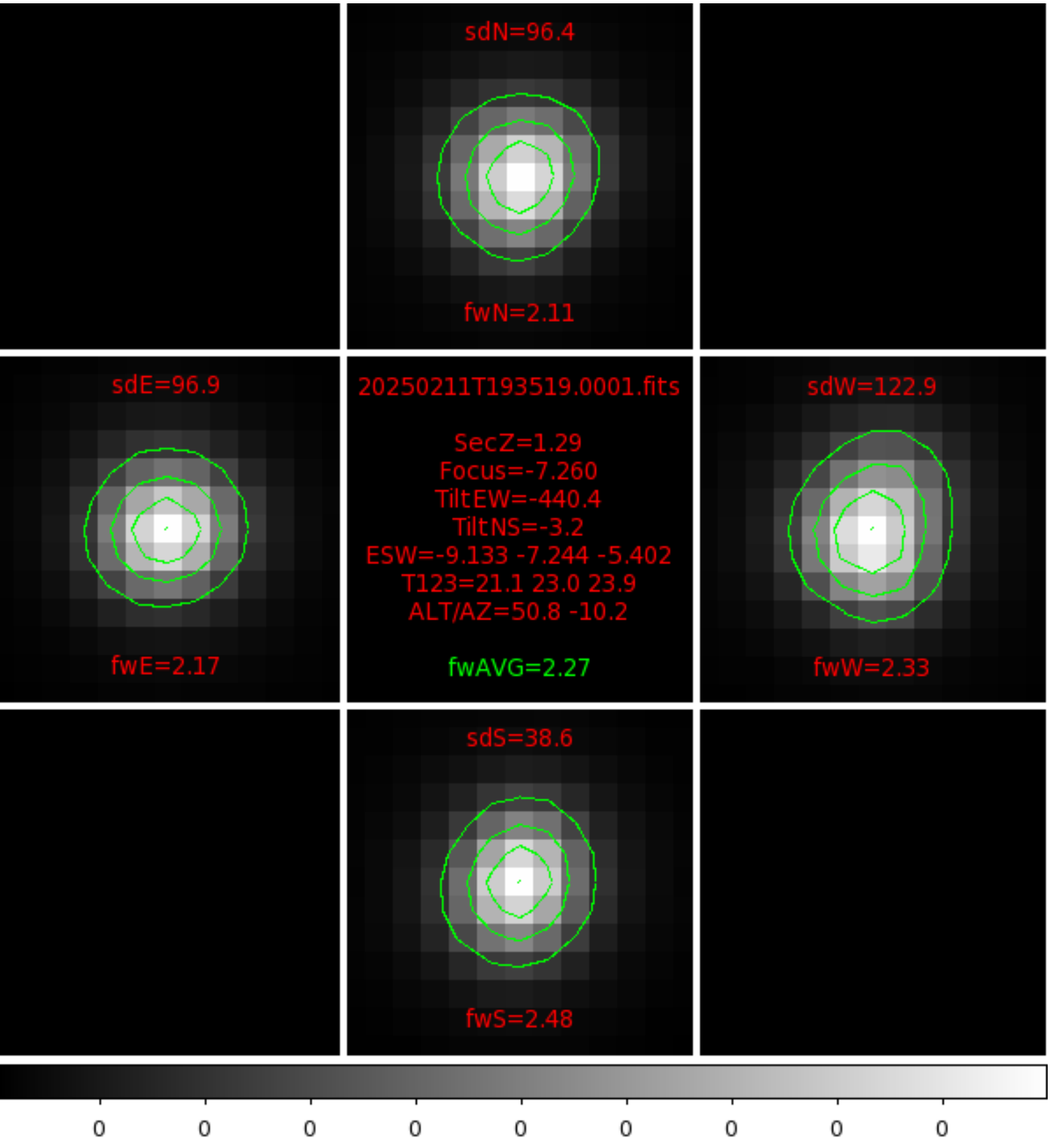

sdN=249.6
fwN=2.19
sdE=627.3
fwE=2.41
20250211T193013.0001.fits
SecZ=1.29
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=21.3 23.1 24.1
ALT/AZ=50.9 -9.7
fwAVG=2.29
sdW=850.5
fwW=2.23
sdS=139.4
fwS=2.30
0 0 0 0 0 0 0 0 0

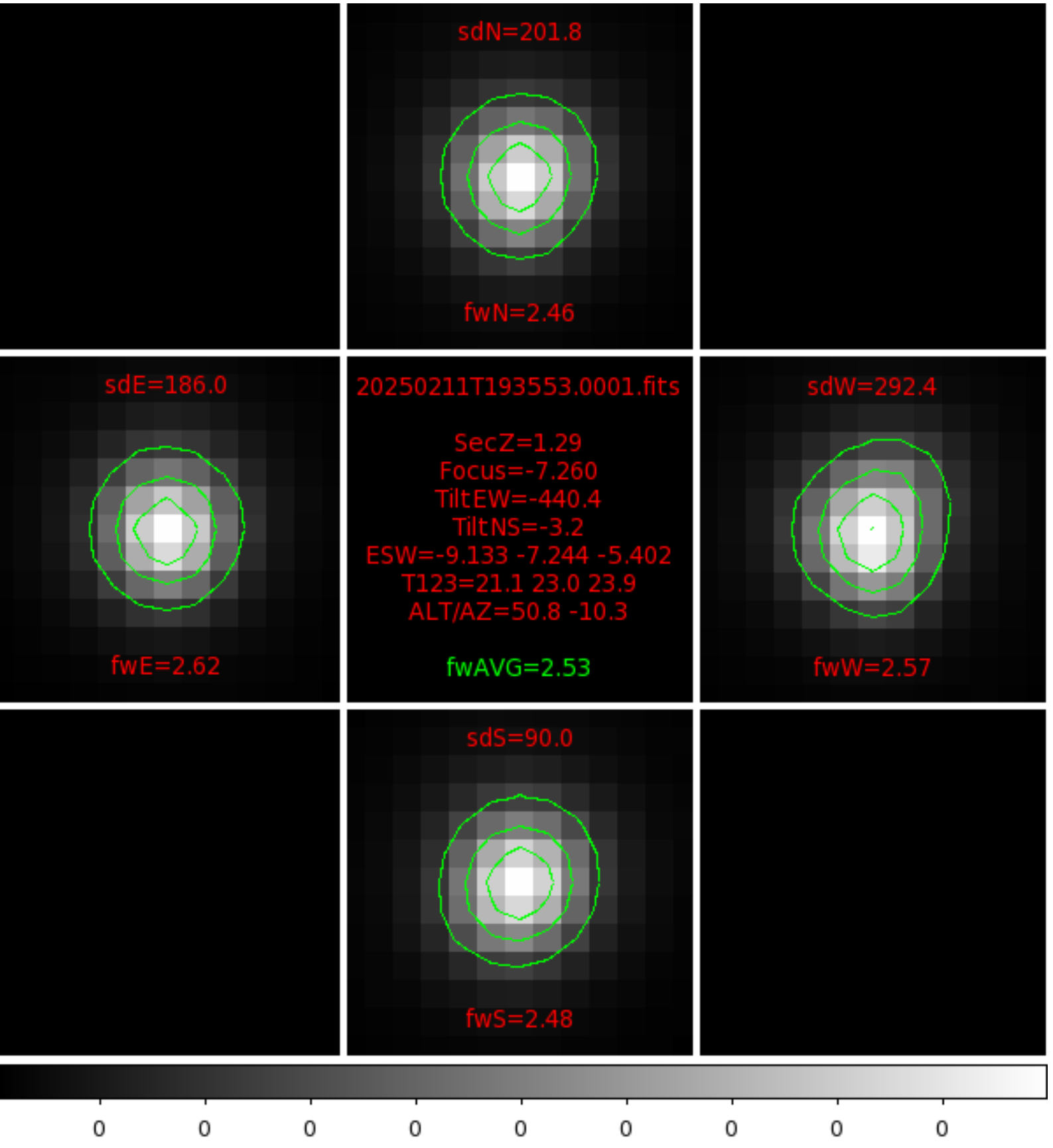

sdN=275.3
fwN=2.17
sdE=679.6
fwE=2.13
20250211T193211.0001.fits
SecZ=1.29
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=21.3 23.1 24.1
ALT/AZ=50.9 -9.8
fwAVG=2.15
sdW=951.7
fwW=2.16
sdS=158.5
fwS=2.15
0 0 0 0 0 0 0 0 0

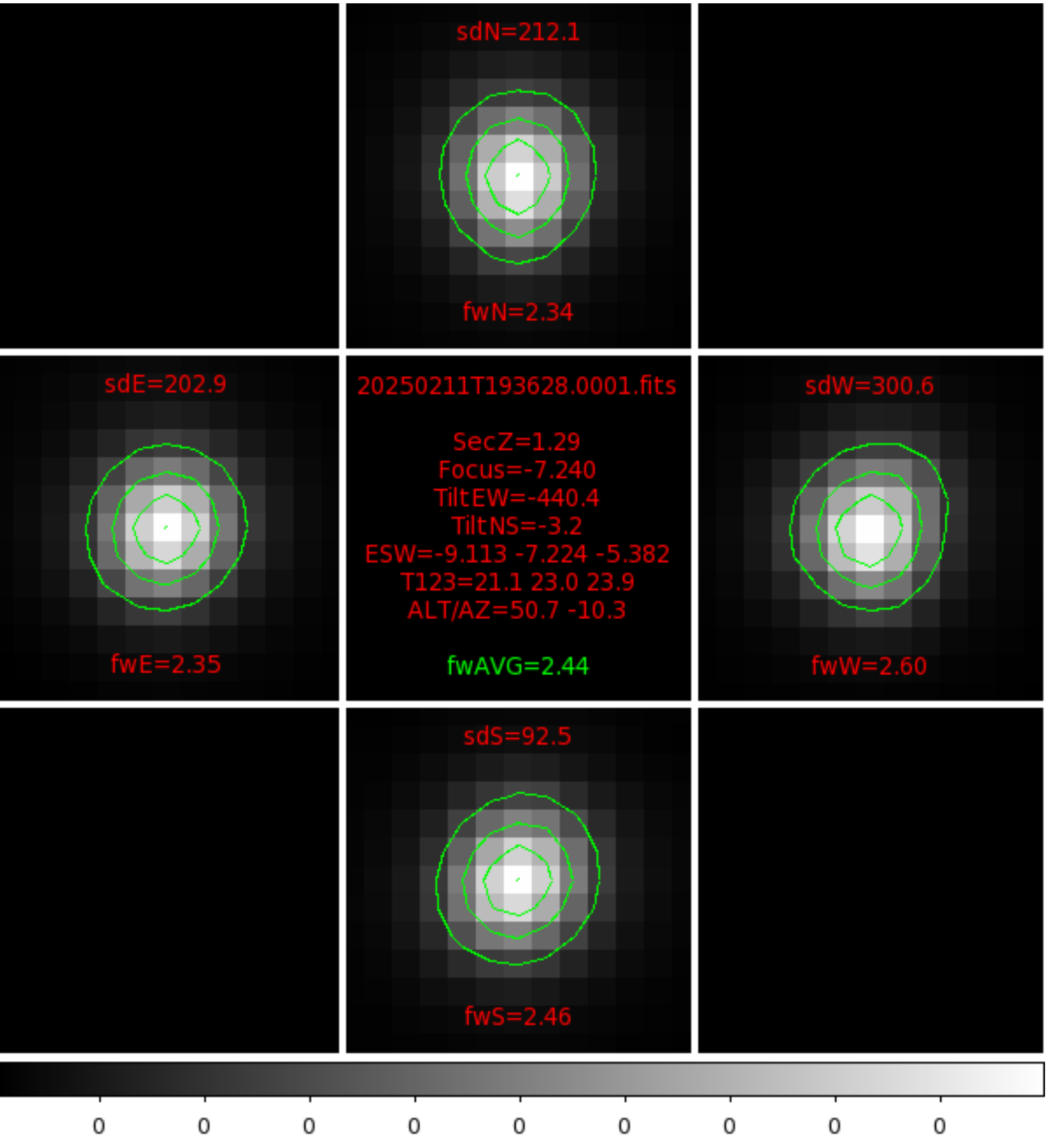

sdN=94.1
fwN=2.23
sdE=79.8
fwE=2.37
20250211T193246.0001.fits
SecZ=1.29
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=21.2 23.0 24.1
ALT/AZ=50.9 -9.9
fwAVG=2.29
sdW=151.9
fwW=2.34
sdS=41.3
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=87.7
fwN=2.23
sdE=75.7
fwE=2.30
20250211T193319.0001.fits
SecZ=1.29
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=21.2 23.0 24.0
ALT/AZ=50.9 -10.0
fwAVG=2.30
sdW=137.8
fwW=2.38
sdS=38.1
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=87.6
fwN=2.29
sdE=78.2
fwE=2.30
20250211T193353.0001.fits
SecZ=1.29
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=21.2 23.0 24.0
ALT/AZ=50.8 -10.0
fwAVG=2.31
sdW=141.4
fwW=2.29
sdS=37.3
fwS=2.39
0 0 0 0 0 0 0 0 0


sdN=96.4
fwN=2.11
sdE=96.9
fwE=2.17
20250211T193519.0001.fits
SecZ=1.29
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=21.1 23.0 23.9
ALT/AZ=50.8 -10.2
fwAVG=2.27
sdW=122.9
fwW=2.33
sdS=38.6
fwS=2.48
0 0 0 0 0 0 0 0 0


sdN=201.8
fwN=2.46
sdE=186.0
fwE=2.62
20250211T193553.0001.fits
SecZ=1.29
Focus=-7.260
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.133 -7.244 -5.402
T123=21.1 23.0 23.9
ALT/AZ=50.8 -10.3
fwAVG=2.53
sdW=292.4
fwW=2.57
sdS=90.0
fwS=2.48
0 0 0 0 0 0 0 0 0


sdN=212.1
fwN=2.34
sdE=202.9
fwE=2.35
20250211T193628.0001.fits
SecZ=1.29
Focus=-7.240
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.113 -7.224 -5.382
T123=21.1 23.0 23.9
ALT/AZ=50.7 -10.3
fwAVG=2.44
sdW=300.6
fwW=2.60
sdS=92.5
fwS=2.46
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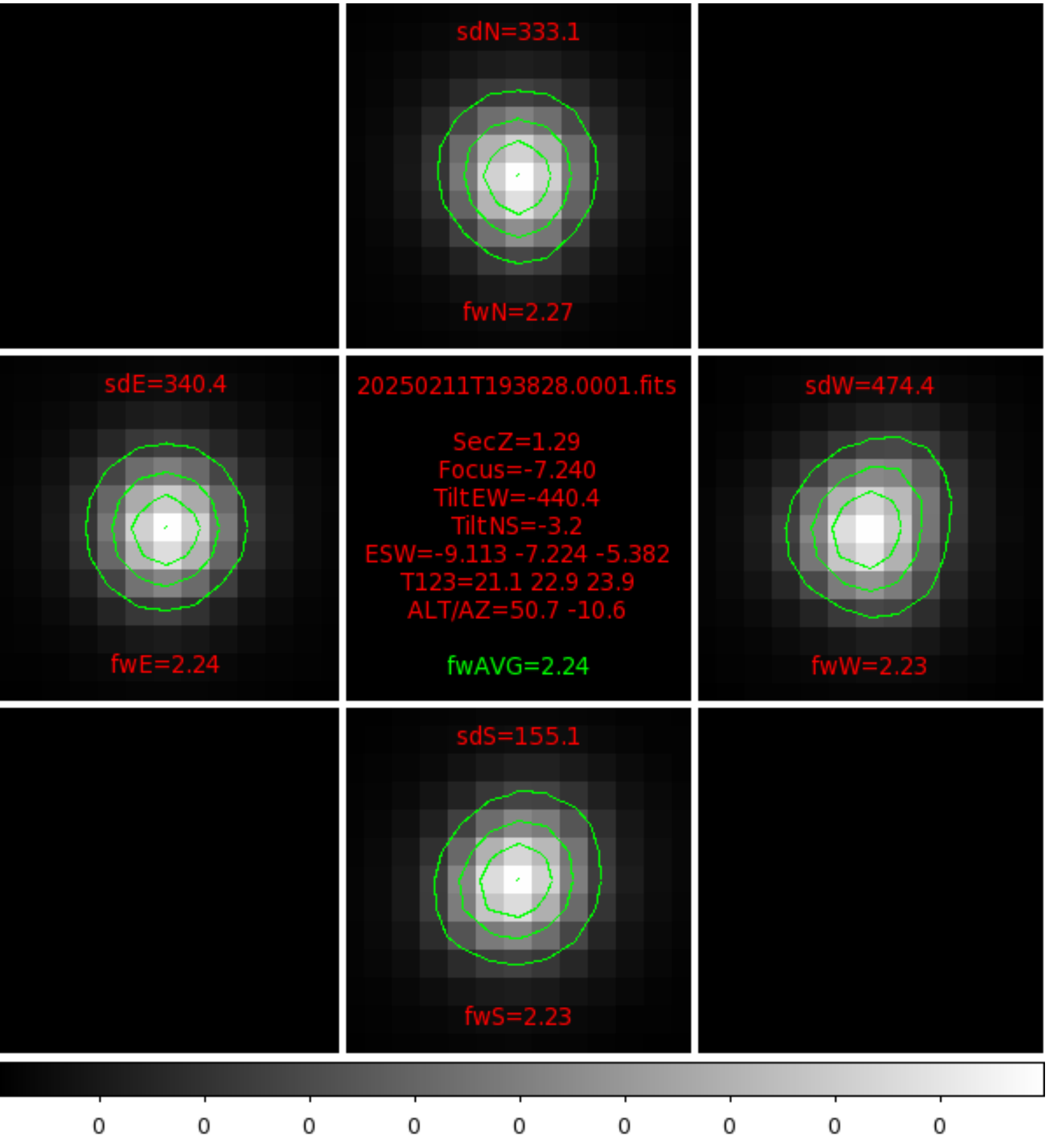
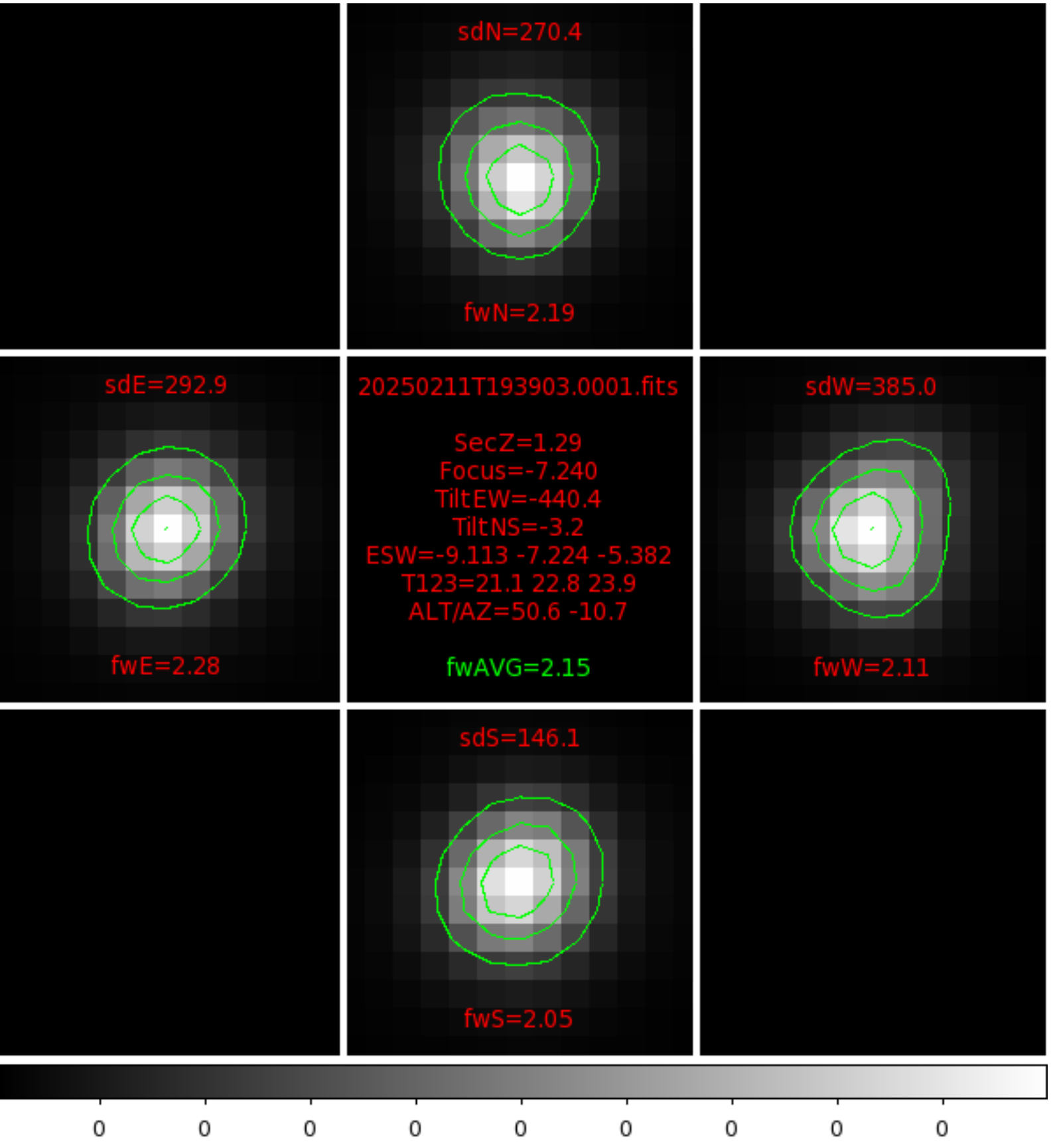
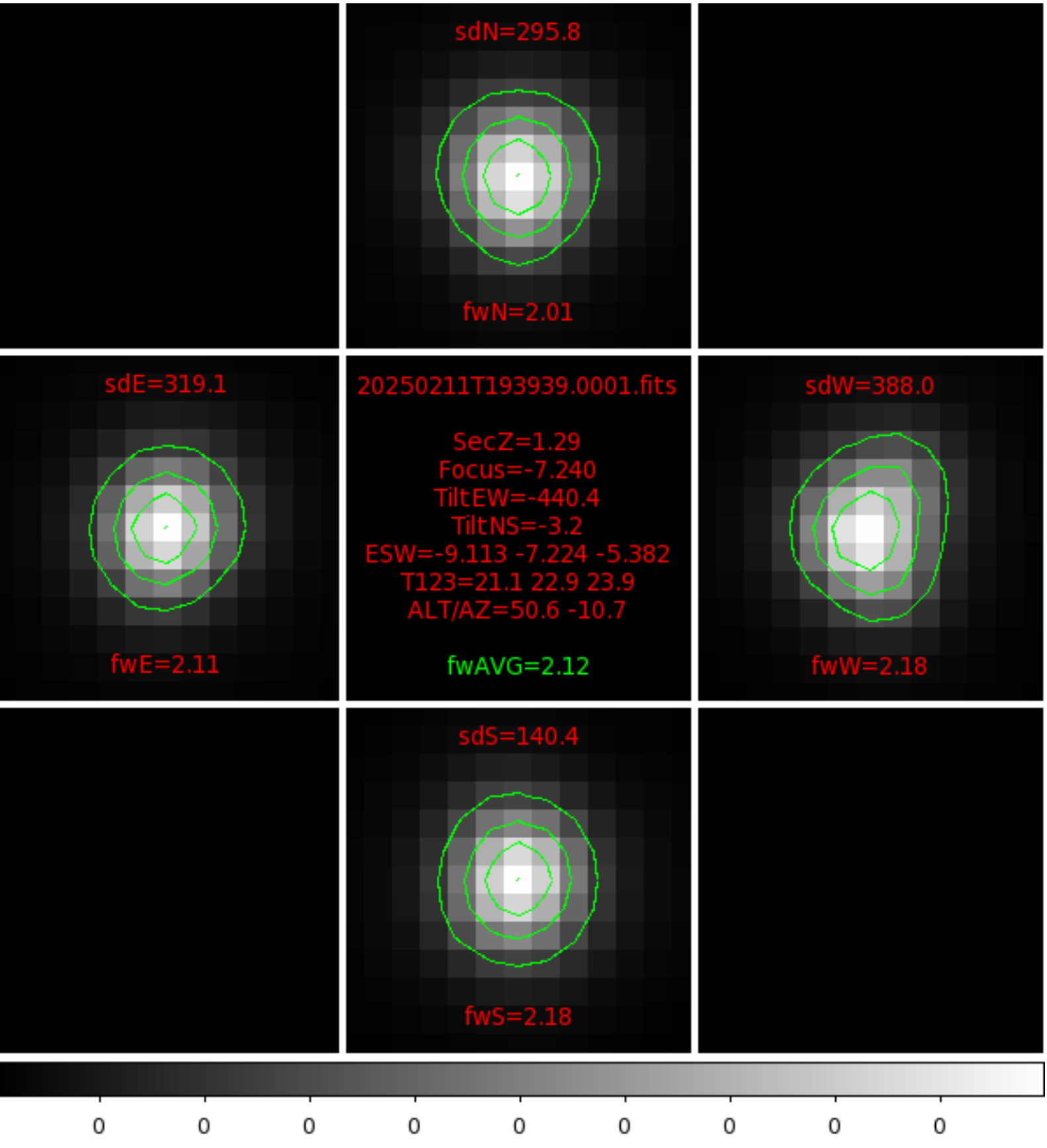
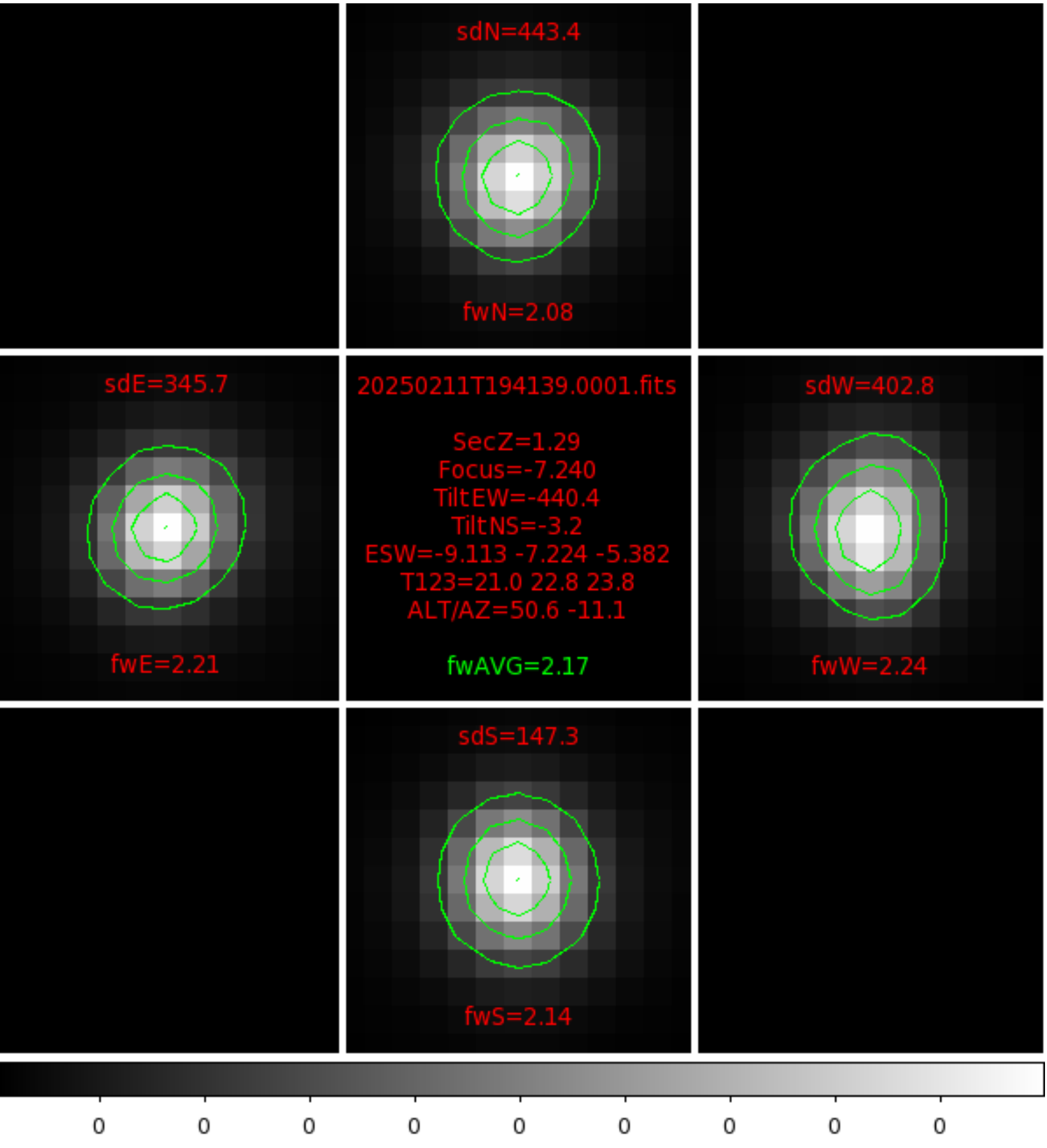

sdN=333.1
fwN=2.27
sdE=340.4
fwE=2.24
20250211T193828.0001.fits
SecZ=1.29
Focus=-7.240
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.113 -7.224 -5.382
T123=21.1 22.9 23.9
ALT/AZ=50.7 -10.6
fwAVG=2.24
sdW=474.4
fwW=2.23
sdS=155.1
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=270.4
fwN=2.19
sdE=292.9
fwE=2.28
20250211T193903.0001.fits
SecZ=1.29
Focus=-7.240
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.113 -7.224 -5.382
T123=21.1 22.8 23.9
ALT/AZ=50.6 -10.7
fwAVG=2.15
sdW=385.0
fwW=2.11
sdS=146.1
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=295.8
fwN=2.01
sdE=319.1
fwE=2.11
20250211T193939.0001.fits
SecZ=1.29
Focus=-7.240
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.113 -7.224 -5.382
T123=21.1 22.9 23.9
ALT/AZ=50.6 -10.7
fwAVG=2.12
sdW=388.0
fwW=2.18
sdS=140.4
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=443.4
fwN=2.08
sdE=345.7
fwE=2.21
20250211T194139.0001.fits
SecZ=1.29
Focus=-7.240
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.113 -7.224 -5.382
T123=21.0 22.8 23.8
ALT/AZ=50.6 -11.1
fwAVG=2.17
sdW=402.8
fwW=2.24
sdS=147.3
fwS=2.14
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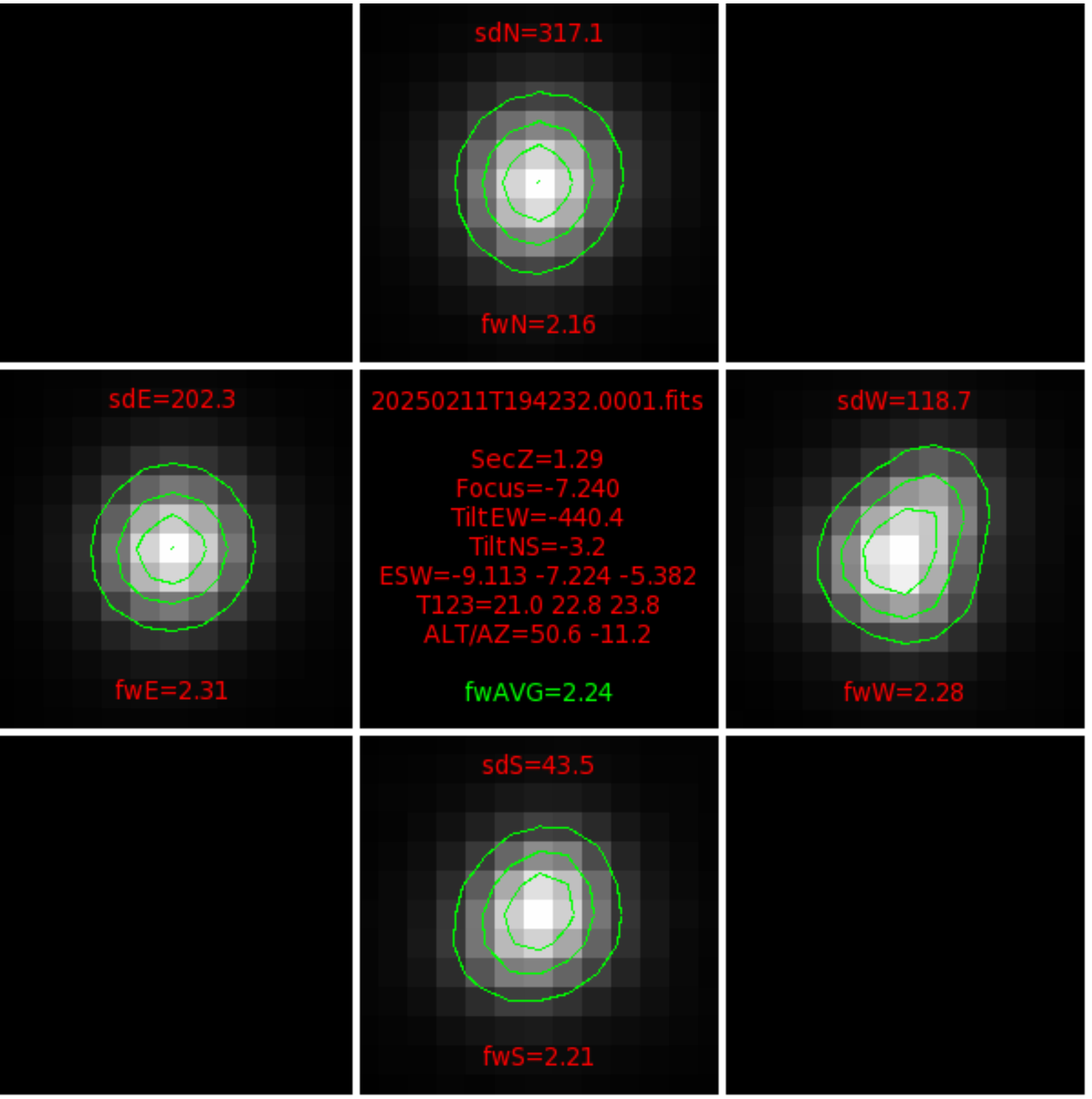
sdN=317.1
fwN=2.16
sdE=202.3
fwE=2.31
20250211T194232.0001.fits
SecZ=1.29
Focus=-7.240
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.113 -7.224 -5.382
T123=21.0 22.8 23.8
ALT/AZ=50.6 -11.2
fwAVG=2.24
sdW=118.7
fwW=2.28
sdS=43.5
fwS=2.21
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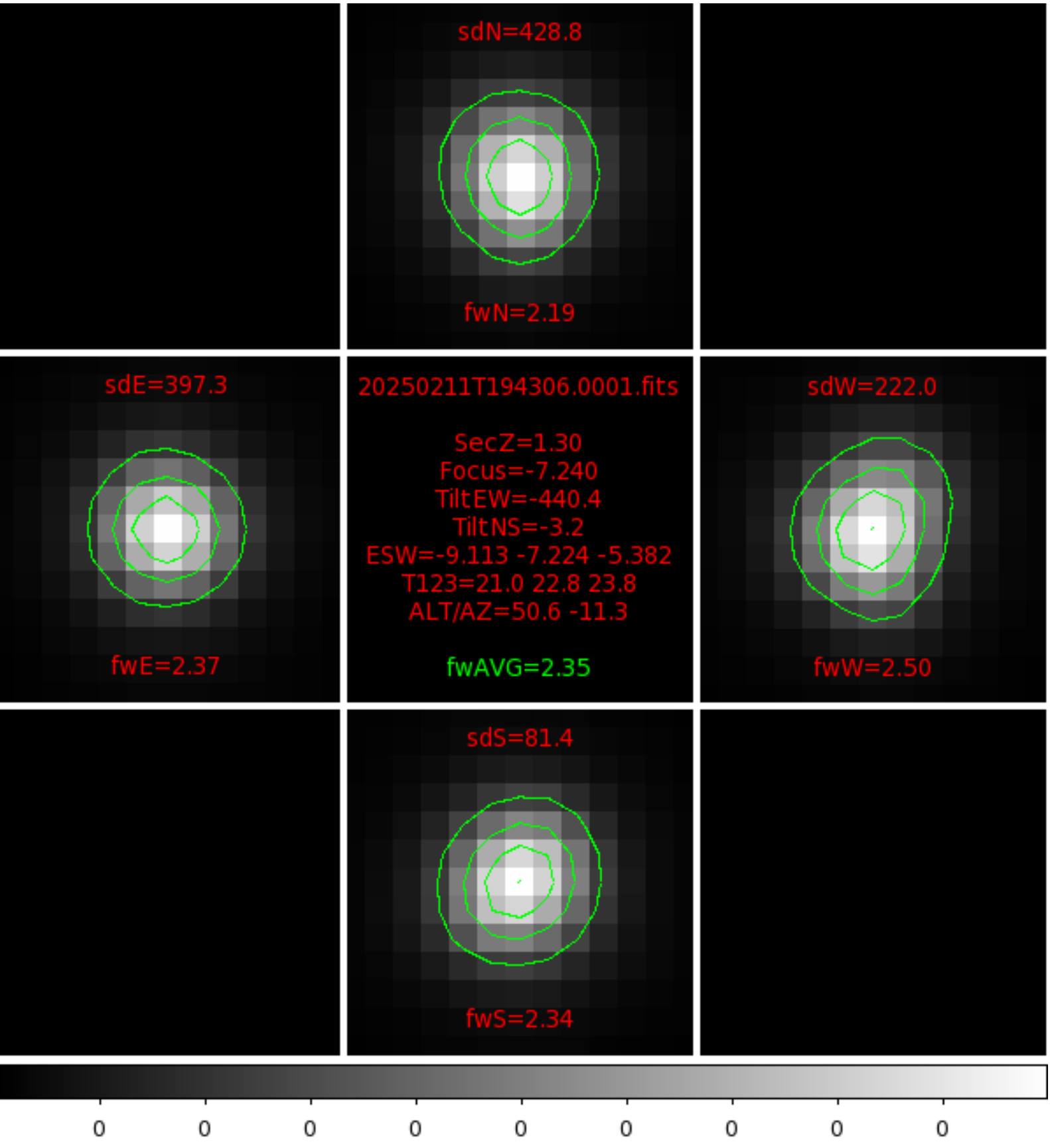
sdN=428.8
fwN=2.19
sdE=397.3
fwE=2.37
20250211T194306.0001.fits
SecZ=1.30
Focus=-7.240
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.113 -7.224 -5.382
T123=21.0 22.8 23.8
ALT/AZ=50.6 -11.3
fwAVG=2.35
sdW=222.0
fwW=2.50
sdS=81.4
fwS=2.34
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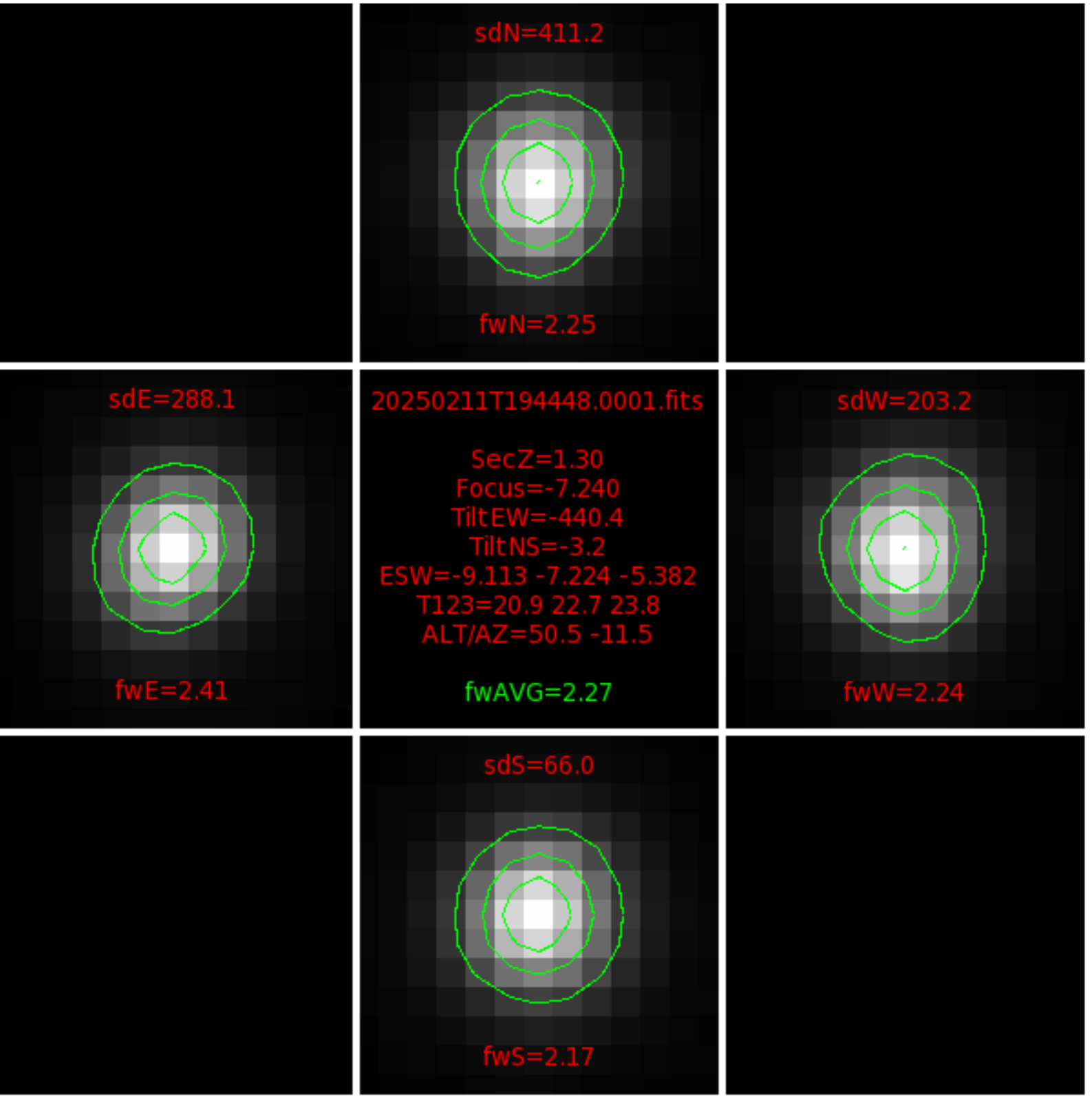
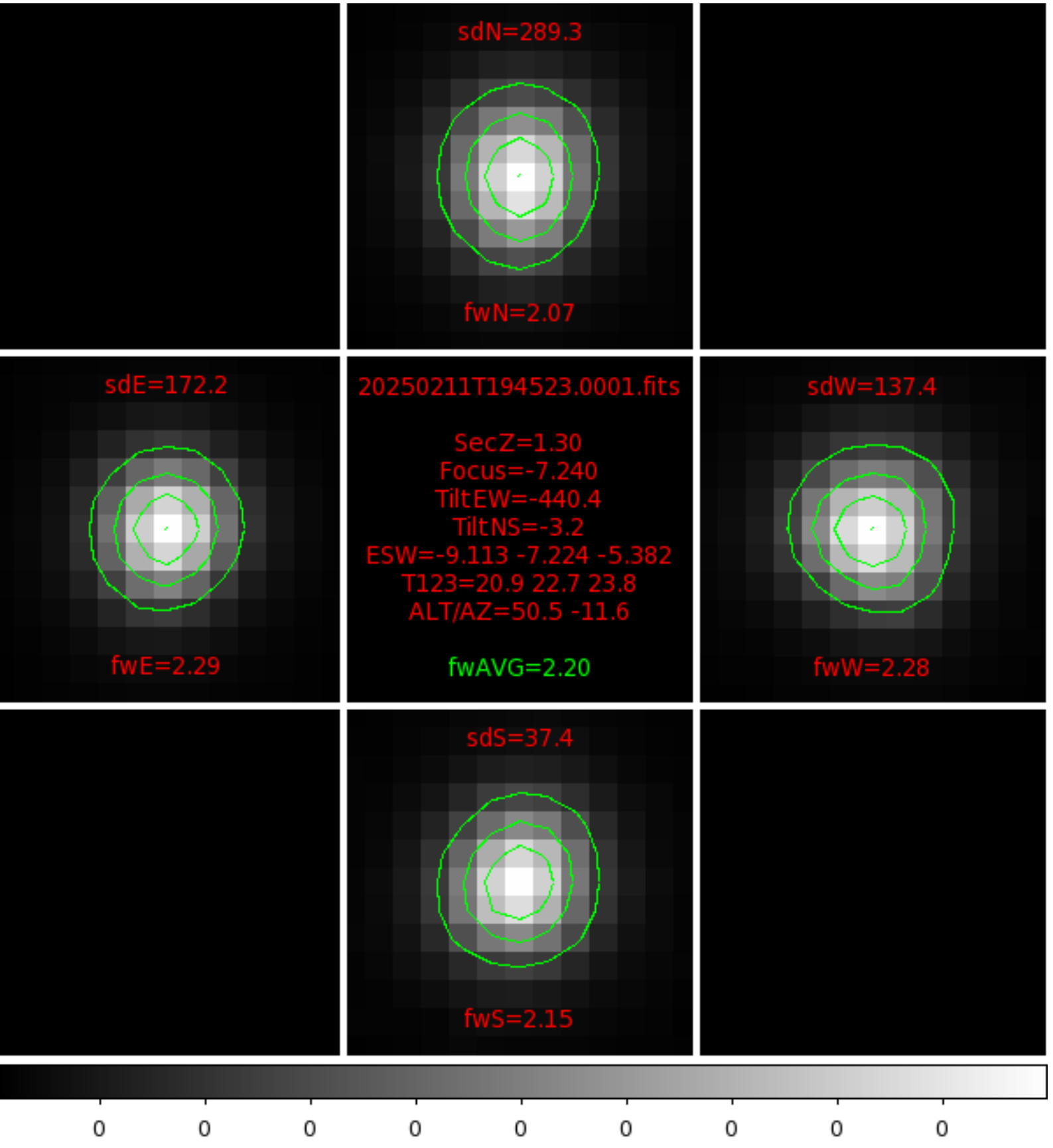
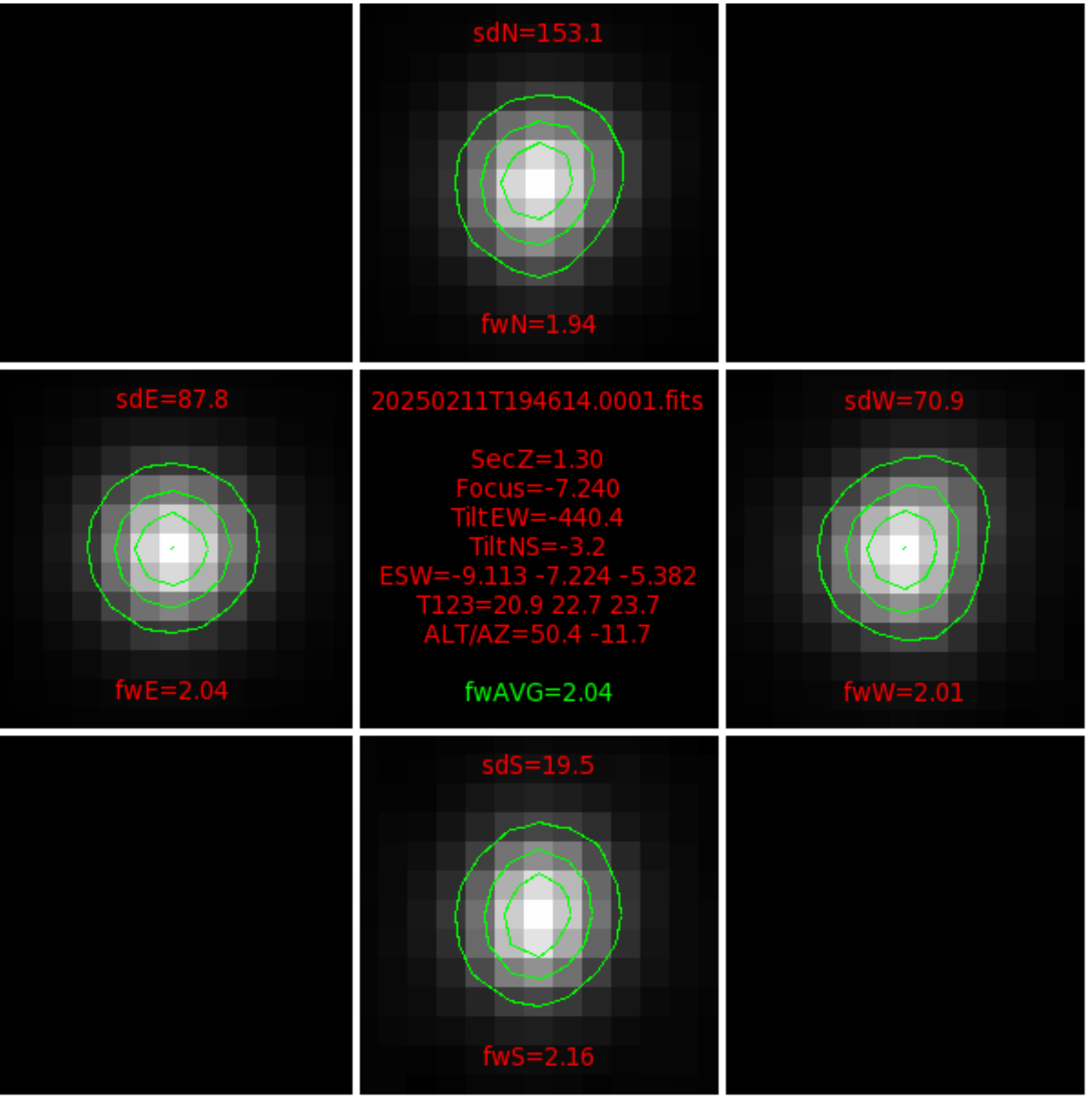
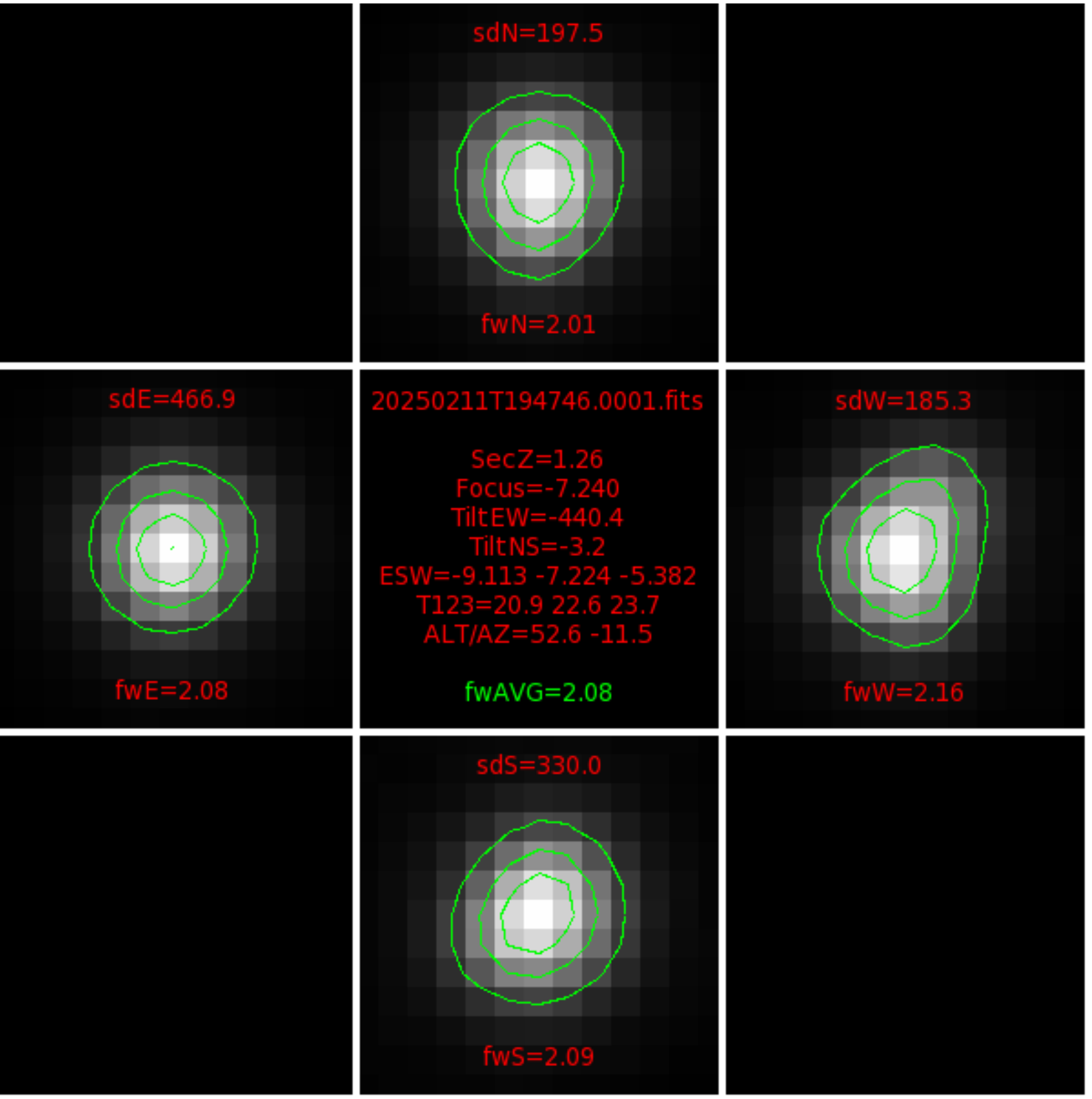
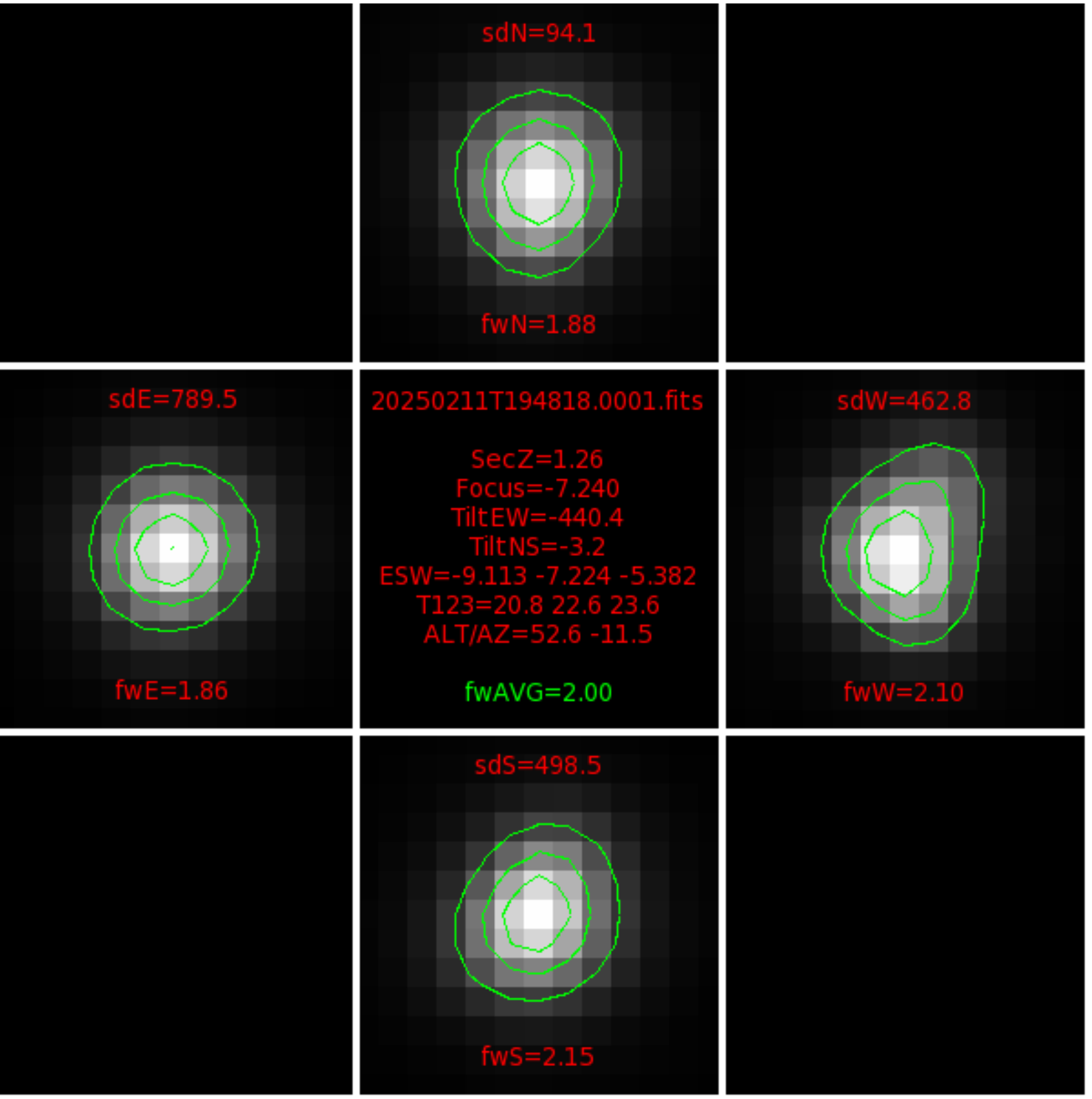

sdN=411.2
fwN=2.25
sdE=288.1
fwE=2.41
20250211T194448.0001.fits
SecZ=1.30
Focus=-7.240
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.113 -7.224 -5.382
T123=20.9 22.7 23.8
ALT/AZ=50.5 -11.5
fwAVG=2.27
sdW=203.2
fwW=2.24
sdS=66.0
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=289.3
fwN=2.07
sdE=172.2
fwE=2.29
20250211T194523.0001.fits
SecZ=1.30
Focus=-7.240
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.113 -7.224 -5.382
T123=20.9 22.7 23.8
ALT/AZ=50.5 -11.6
fwAVG=2.20
sdW=137.4
fwW=2.28
sdS=37.4
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=153.1
fwN=1.94
sdE=87.8
fwE=2.04
20250211T194614.0001.fits
SecZ=1.30
Focus=-7.240
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.113 -7.224 -5.382
T123=20.9 22.7 23.7
ALT/AZ=50.4 -11.7
fwAVG=2.04
sdW=70.9
fwW=2.01
sdS=19.5
fwS=2.16
0 0 0 0 0 0 0 0 0


sdN=197.5
fwN=2.01
sdE=466.9
fwE=2.08
20250211T194746.0001.fits
SecZ=1.26
Focus=-7.240
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.113 -7.224 -5.382
T123=20.9 22.6 23.7
ALT/AZ=52.6 -11.5
fwAVG=2.08
sdW=185.3
fwW=2.16
sdS=330.0
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=94.1
fwN=1.88
sdE=789.5
fwE=1.86
20250211T194818.0001.fits
SecZ=1.26
Focus=-7.240
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.113 -7.224 -5.382
T123=20.8 22.6 23.6
ALT/AZ=52.6 -11.5
fwAVG=2.00
sdW=462.8
fwW=2.10
sdS=498.5
fwS=2.15
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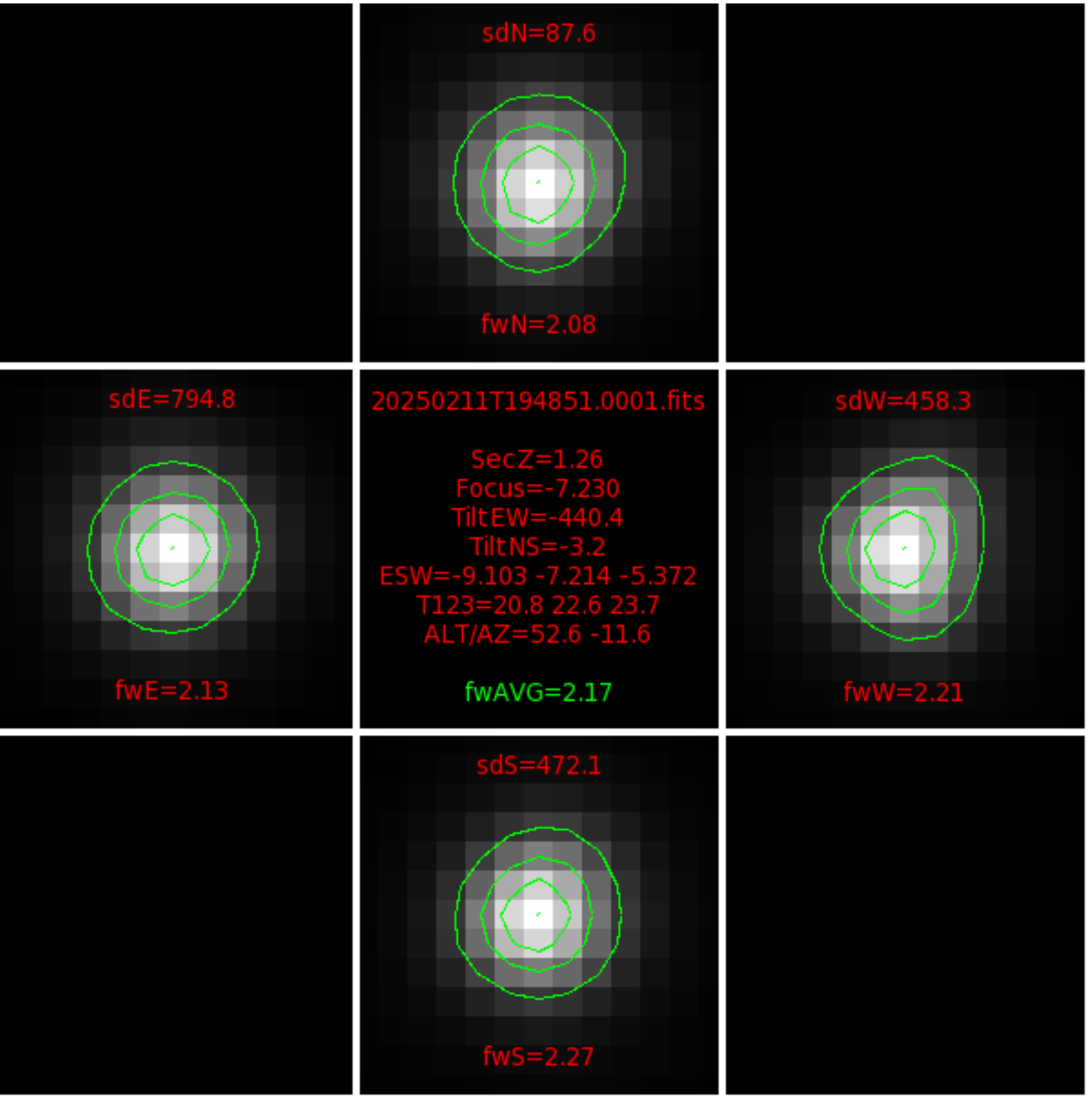
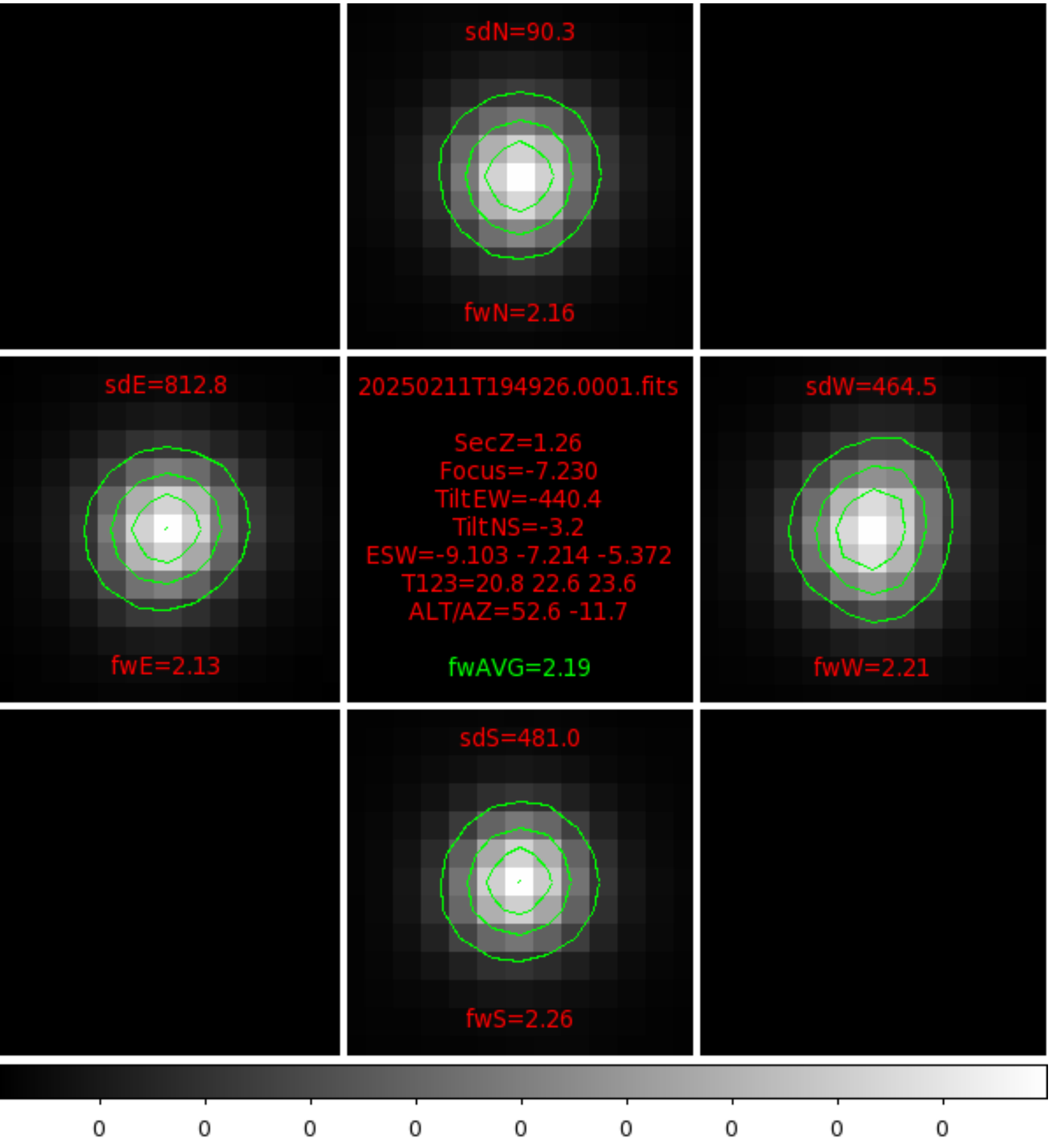
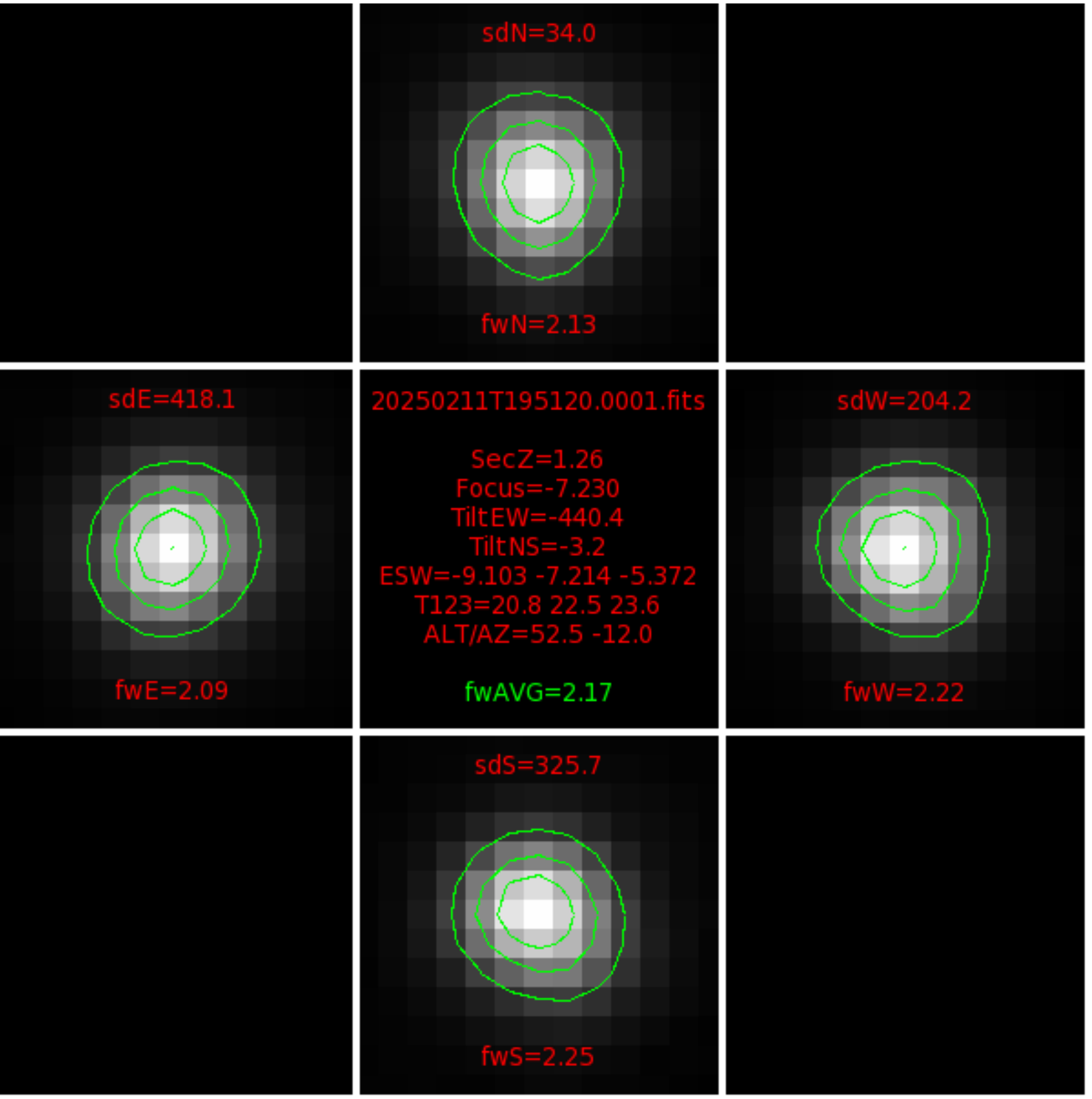
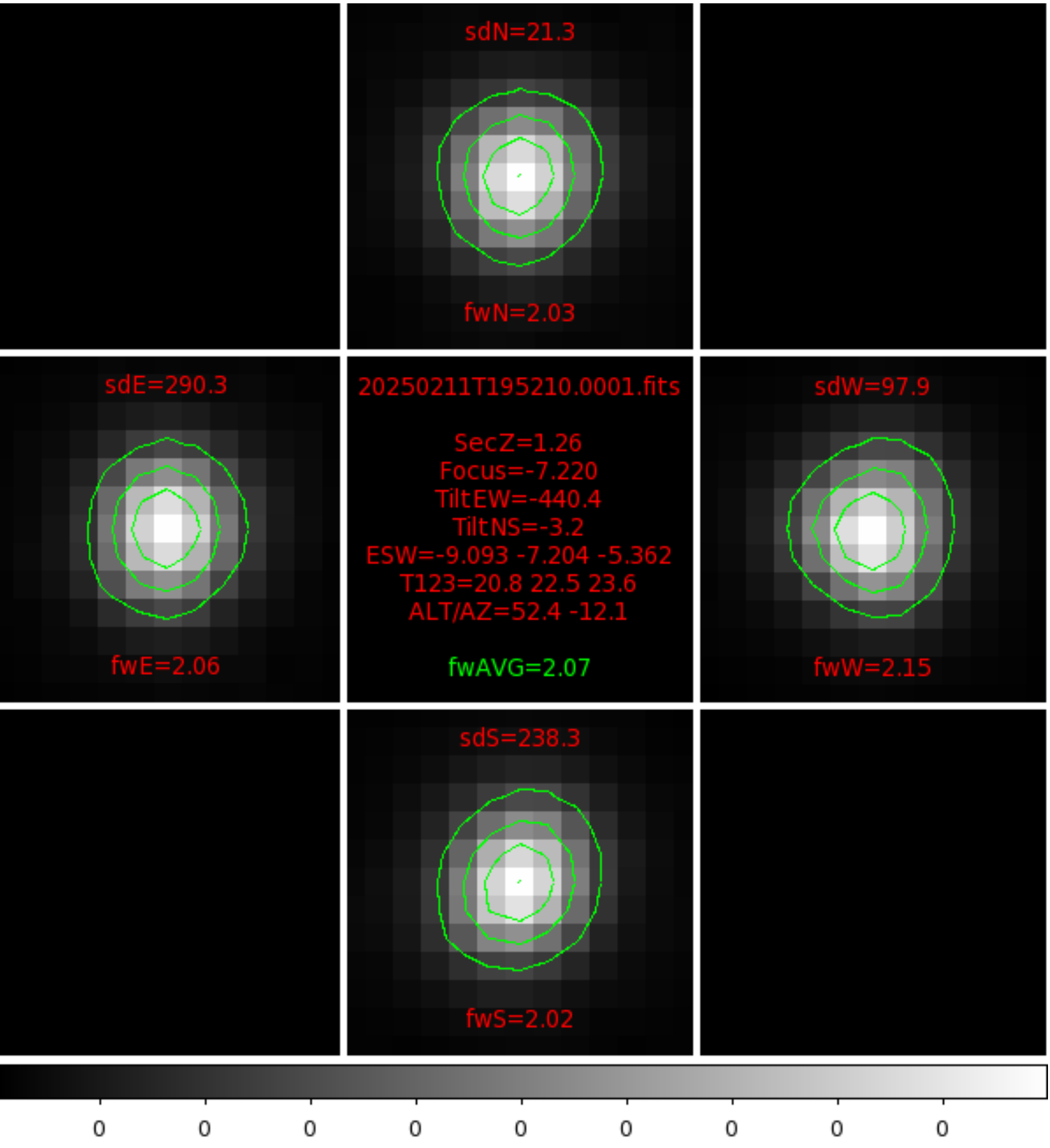
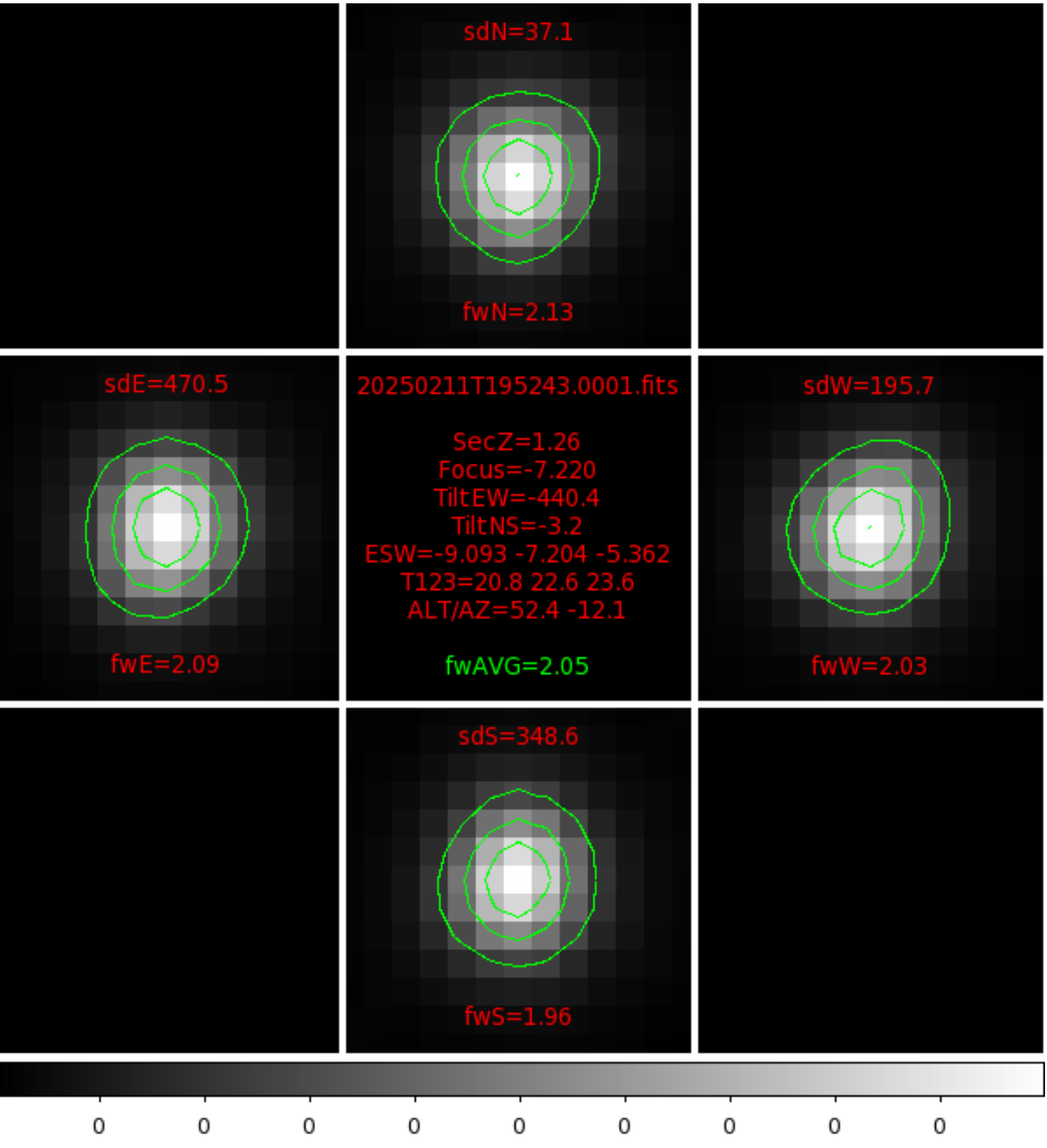
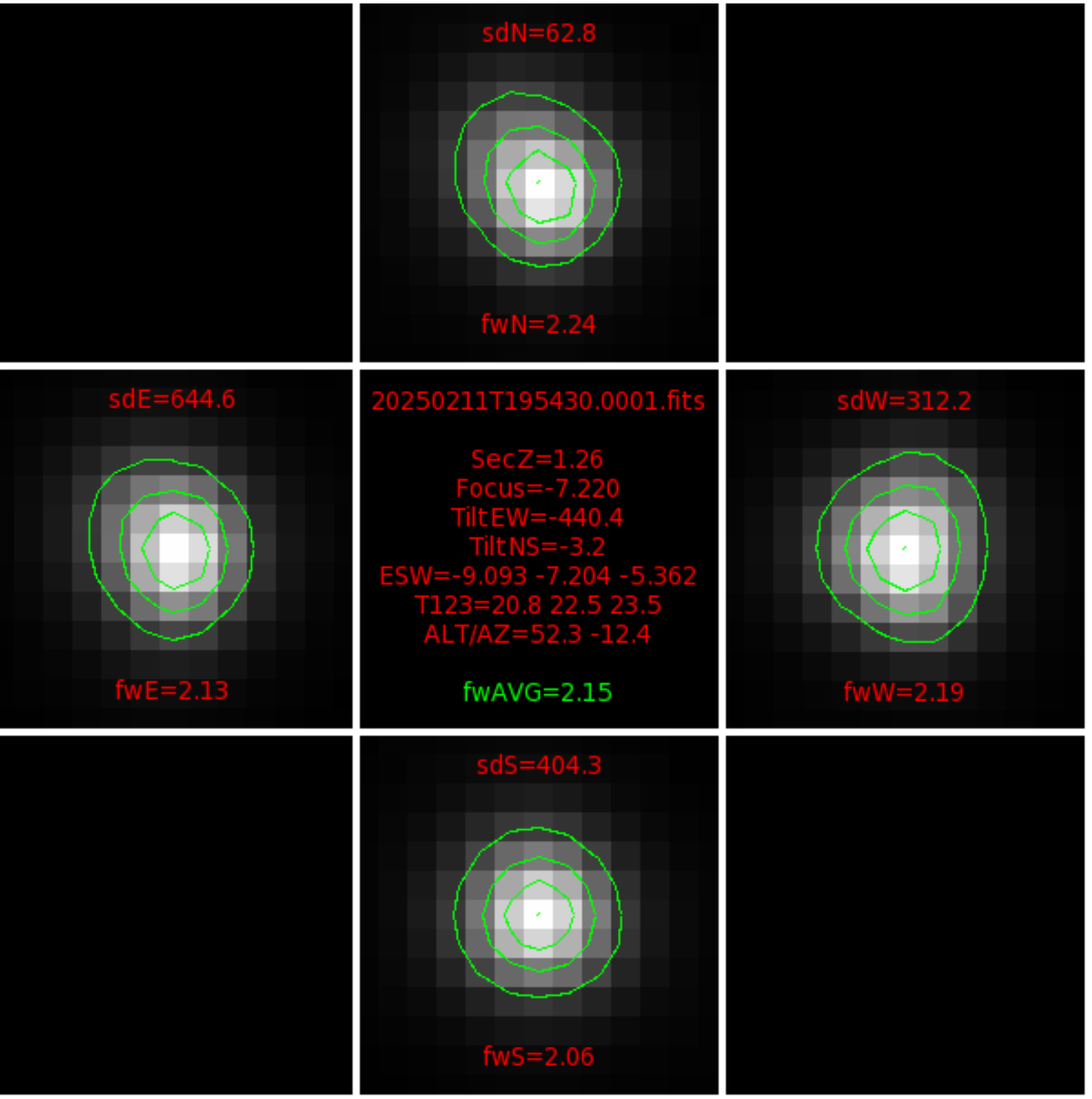

sdN=87.6
fwN=2.08
sdE=794.8
fwE=2.13
20250211T194851.0001.fits
SecZ=1.26
Focus=-7.230
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.103 -7.214 -5.372
T123=20.8 22.6 23.7
ALT/AZ=52.6 -11.6
fwAVG=2.17
sdW=458.3
fwW=2.21
sdS=472.1
fwS=2.27
0 0 0 0 0 0 0 0 0

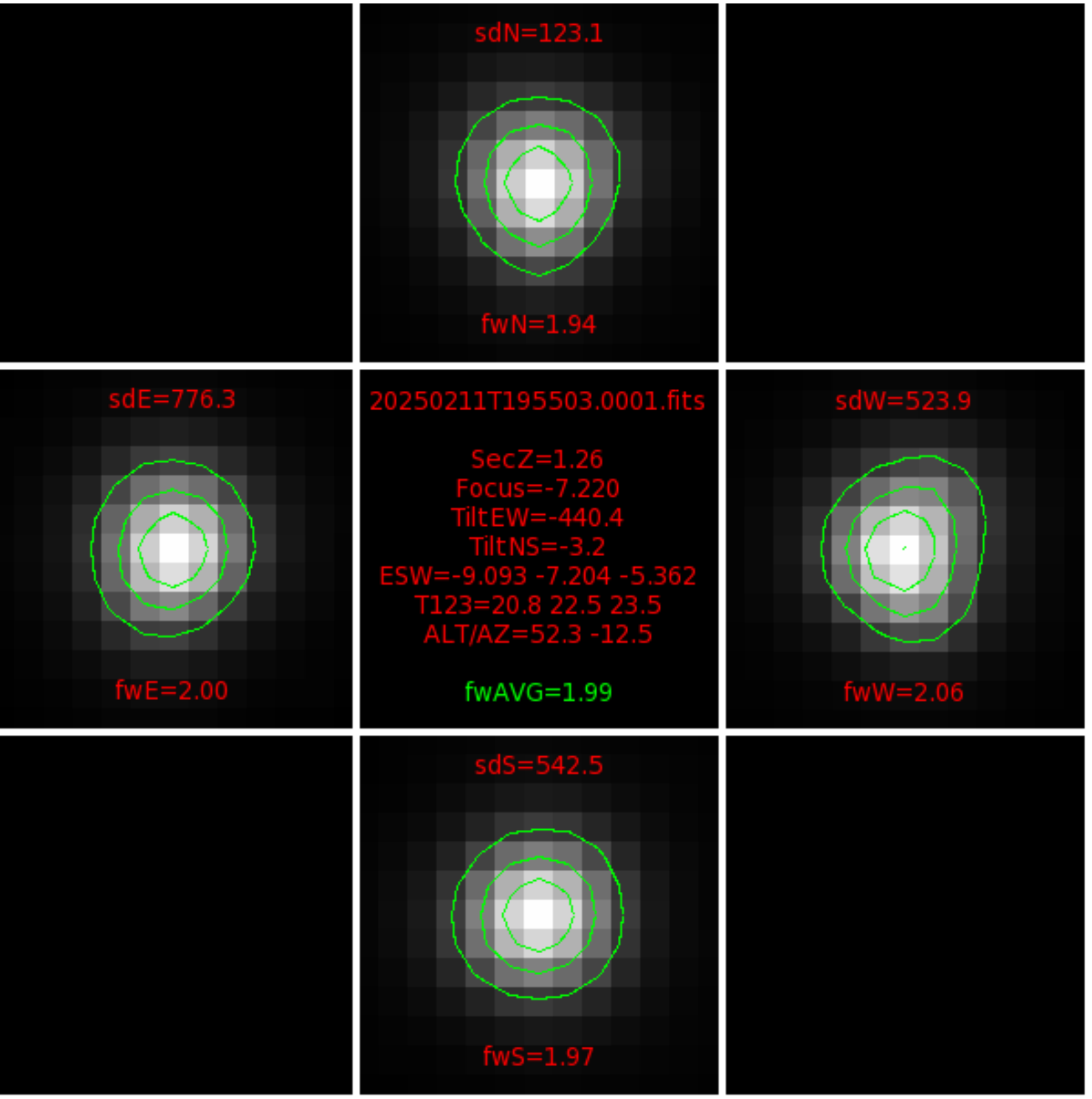

sdN=90.3
fwN=2.16
sdE=812.8
fwE=2.13
20250211T194926.0001.fits
SecZ=1.26
Focus=-7.230
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.103 -7.214 -5.372
T123=20.8 22.6 23.6
ALT/AZ=52.6 -11.7
fwAVG=2.19
sdW=464.5
fwW=2.21
sdS=481.0
fwS=2.26
0 0 0 0 0 0 0 0 0

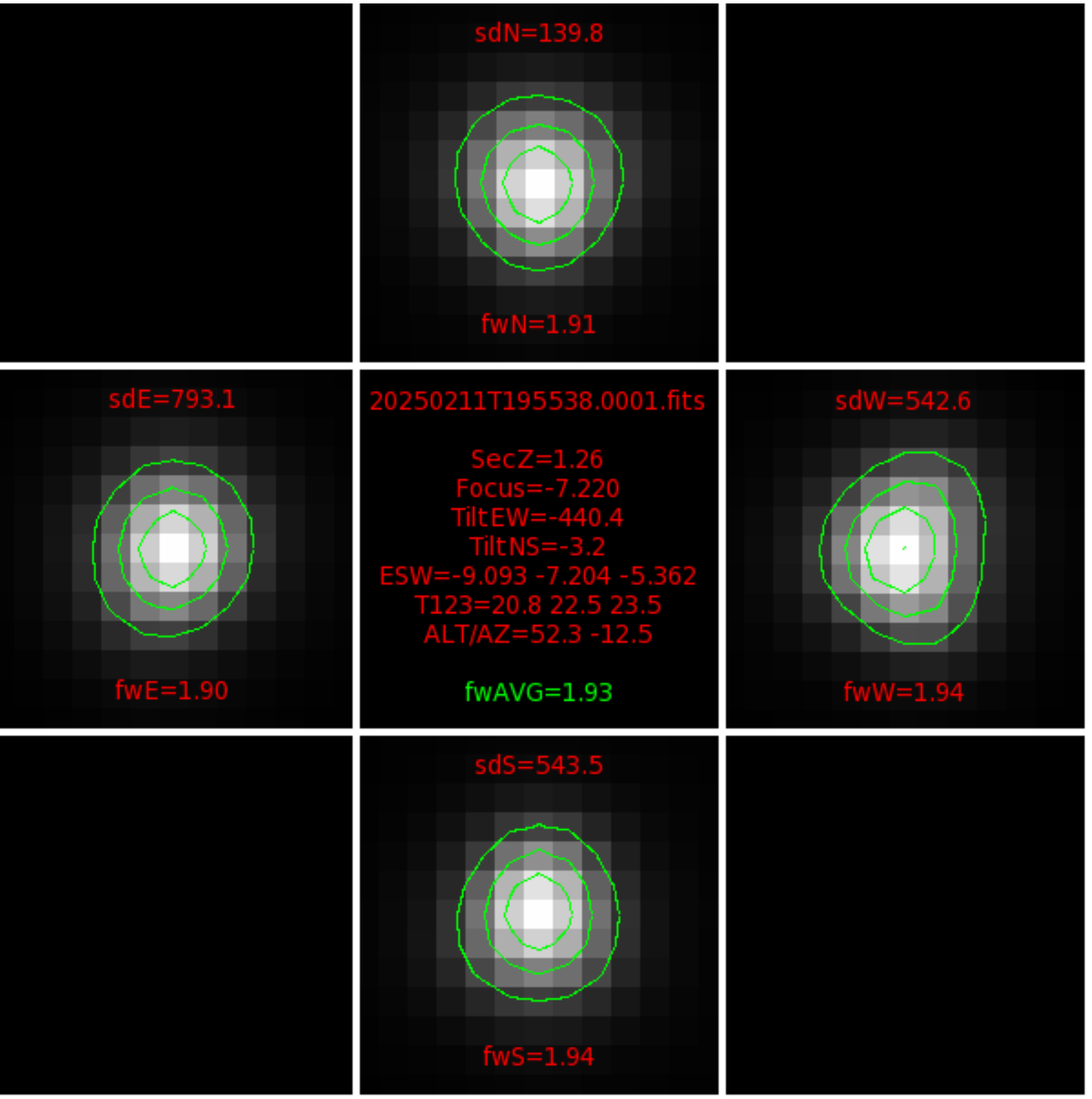

sdN=34.0
fwN=2.13
sdE=418.1
fwE=2.09
20250211T195120.0001.fits
SecZ=1.26
Focus=-7.230
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.103 -7.214 -5.372
T123=20.8 22.5 23.6
ALT/AZ=52.5 -12.0
fwAVG=2.17
sdW=204.2
fwW=2.22
sdS=325.7
fwS=2.25
0 0 0 0 0 0 0 0 0

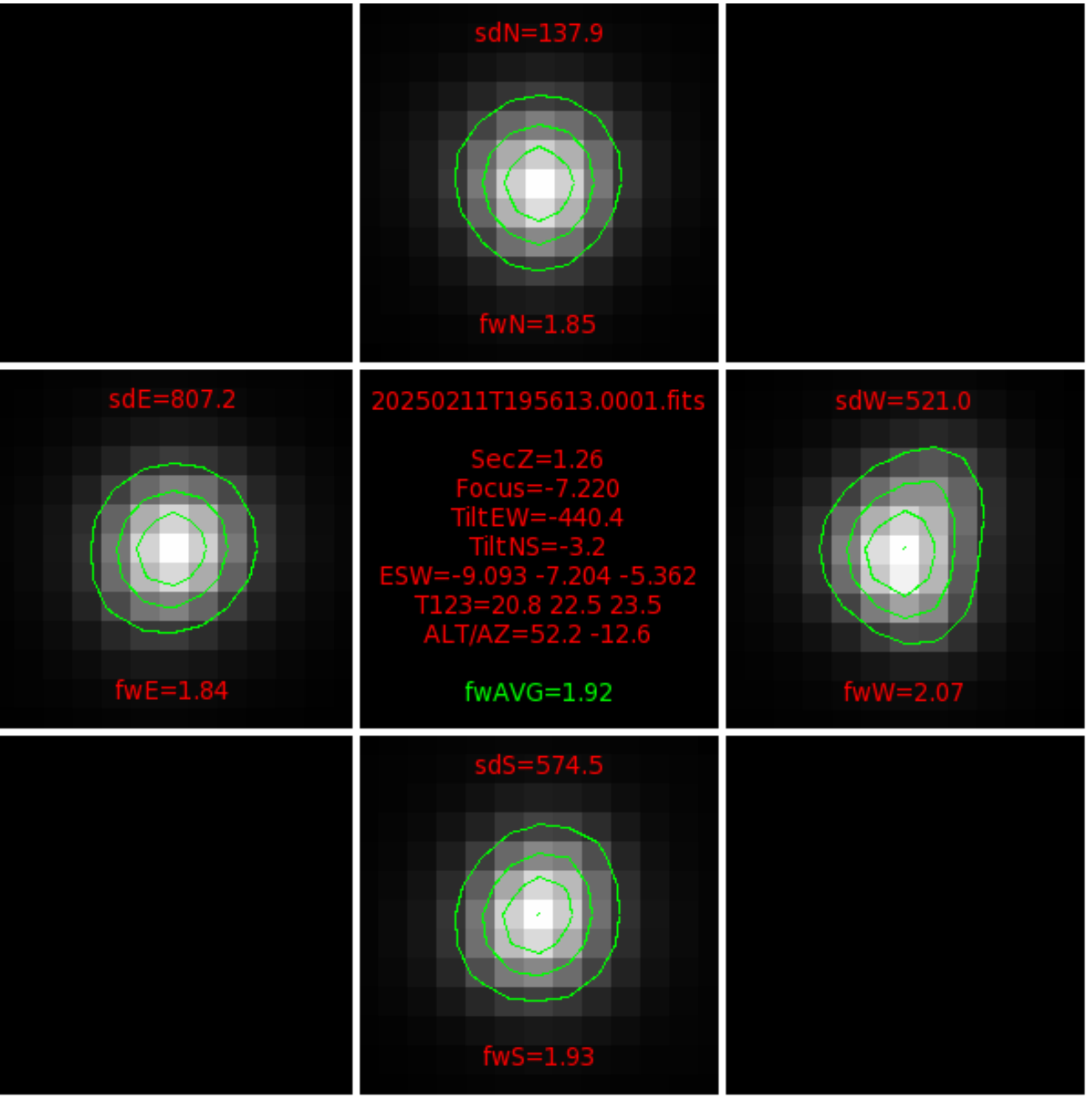

sdN=21.3
fwN=2.03
sdE=290.3
fwE=2.06
20250211T195210.0001.fits
SecZ=1.26
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 22.5 23.6
ALT/AZ=52.4 -12.1
fwAVG=2.07
sdW=97.9
fwW=2.15
sdS=238.3
fwS=2.02
0 0 0 0 0 0 0 0 0

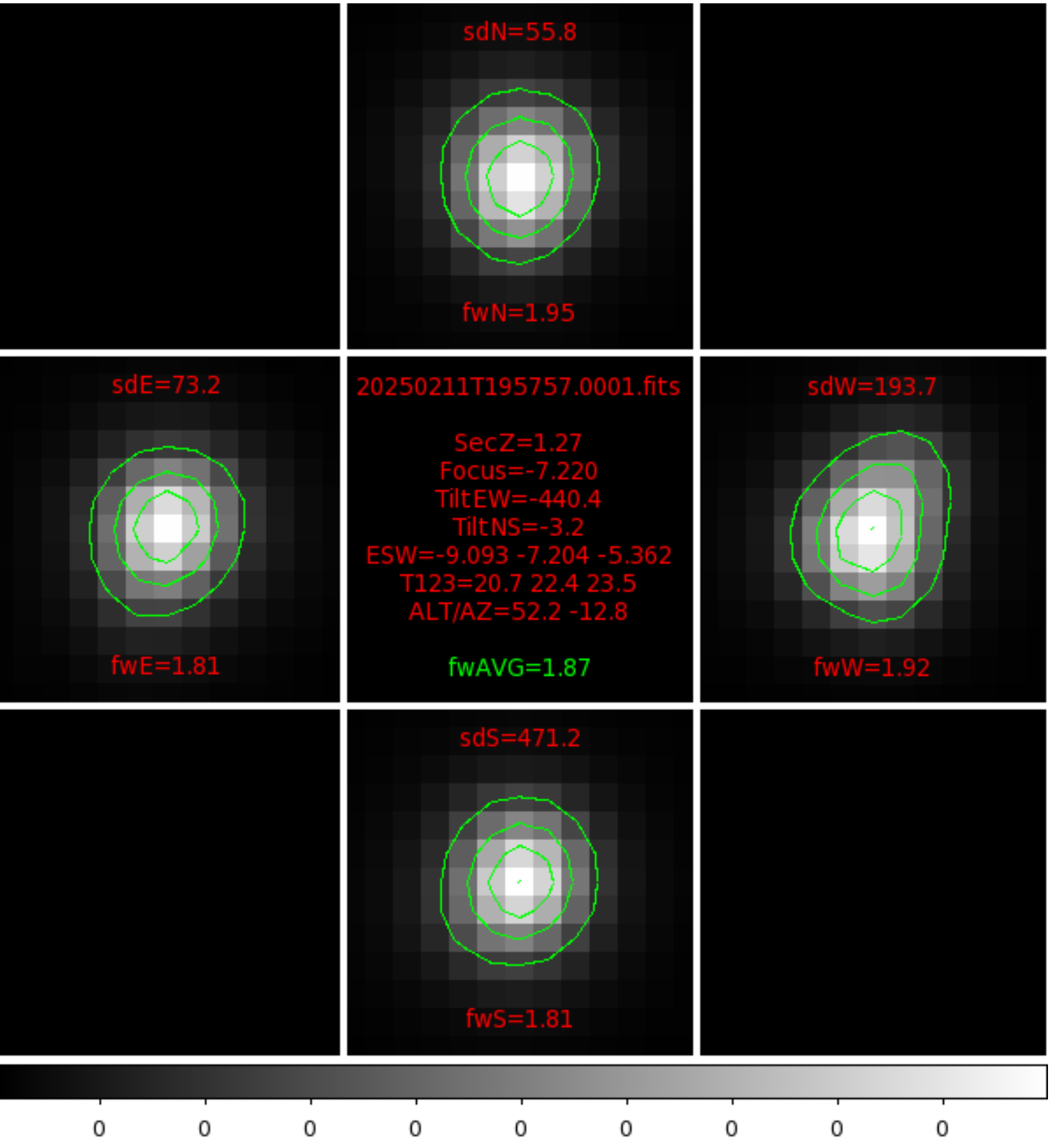

sdN=37.1
fwN=2.13
sdE=470.5
fwE=2.09
20250211T195243.0001.fits
SecZ=1.26
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 22.6 23.6
ALT/AZ=52.4 -12.1
fwAVG=2.05
sdW=195.7
fwW=2.03
sdS=348.6
fwS=1.96
0 0 0 0 0 0 0 0 0

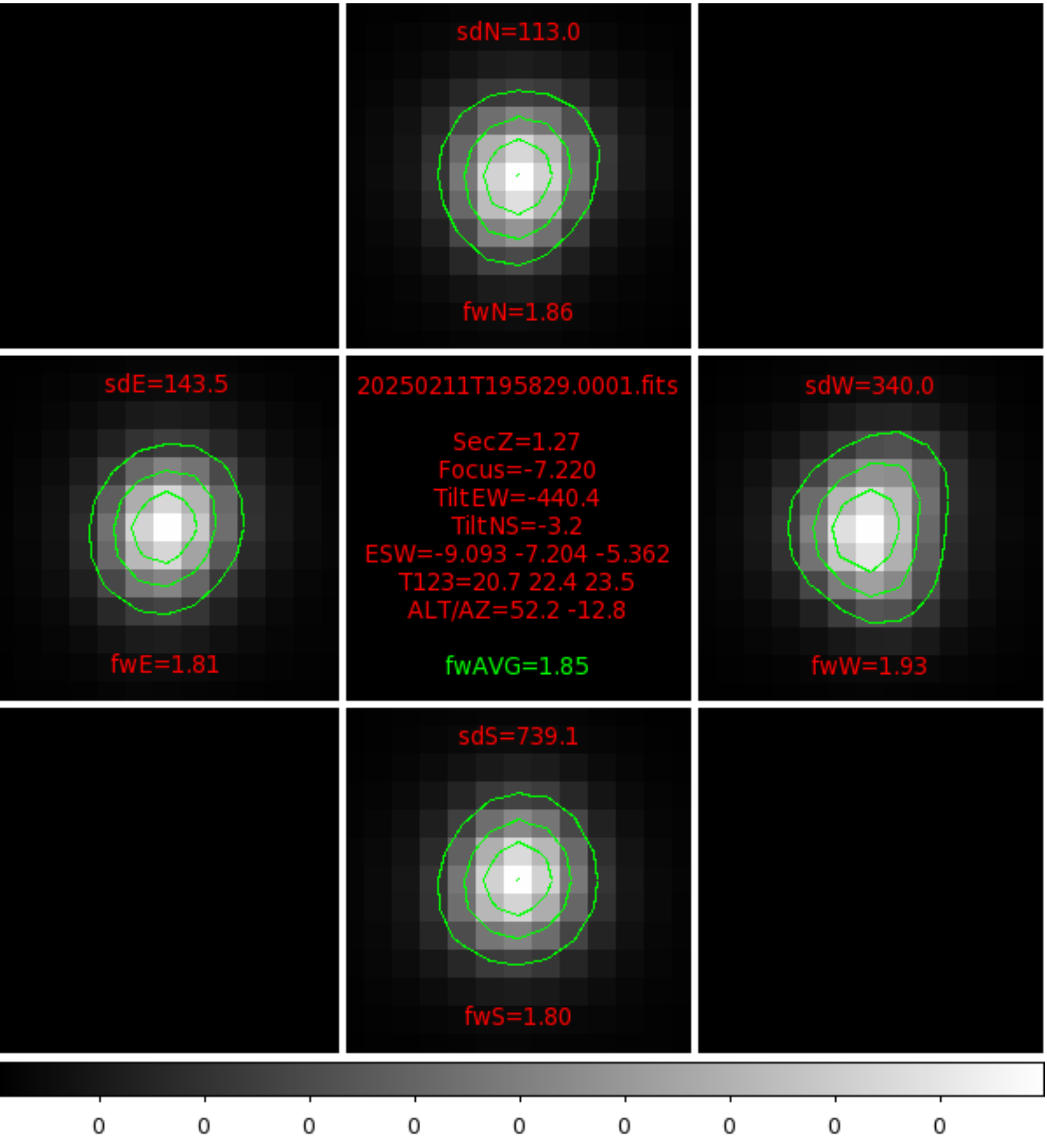

sdN=62.8
fwN=2.24
sdE=644.6
fwE=2.13
20250211T195430.0001.fits
SecZ=1.26
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 22.5 23.5
ALT/AZ=52.3 -12.4
fwAVG=2.15
sdW=312.2
fwW=2.19
sdS=404.3
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=123.1
fwN=1.94
sdE=776.3
fwE=2.00
20250211T195503.0001.fits
SecZ=1.26
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 22.5 23.5
ALT/AZ=52.3 -12.5
fwAVG=1.99
sdW=523.9
fwW=2.06
sdS=542.5
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=139.8
fwN=1.91
sdE=793.1
fwE=1.90
20250211T195538.0001.fits
SecZ=1.26
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 22.5 23.5
ALT/AZ=52.3 -12.5
fwAVG=1.93
sdW=542.6
fwW=1.94
sdS=543.5
fwS=1.94
0 0 0 0 0 0 0 0 0


sdN=137.9
fwN=1.85
sdE=807.2
fwE=1.84
20250211T195613.0001.fits
SecZ=1.26
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.8 22.5 23.5
ALT/AZ=52.2 -12.6
fwAVG=1.92
sdW=521.0
fwW=2.07
sdS=574.5
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=55.8
fwN=1.95
sdE=73.2
fwE=1.81
20250211T195757.0001.fits
SecZ=1.27
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.7 22.4 23.5
ALT/AZ=52.2 -12.8
fwAVG=1.87
sdW=193.7
fwW=1.92
sdS=471.2
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=113.0
fwN=1.86
sdE=143.5
fwE=1.81
20250211T195829.0001.fits
SecZ=1.27
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.7 22.4 23.5
ALT/AZ=52.2 -12.8
fwAVG=1.85
sdW=340.0
fwW=1.93
sdS=739.1
fwS=1.80
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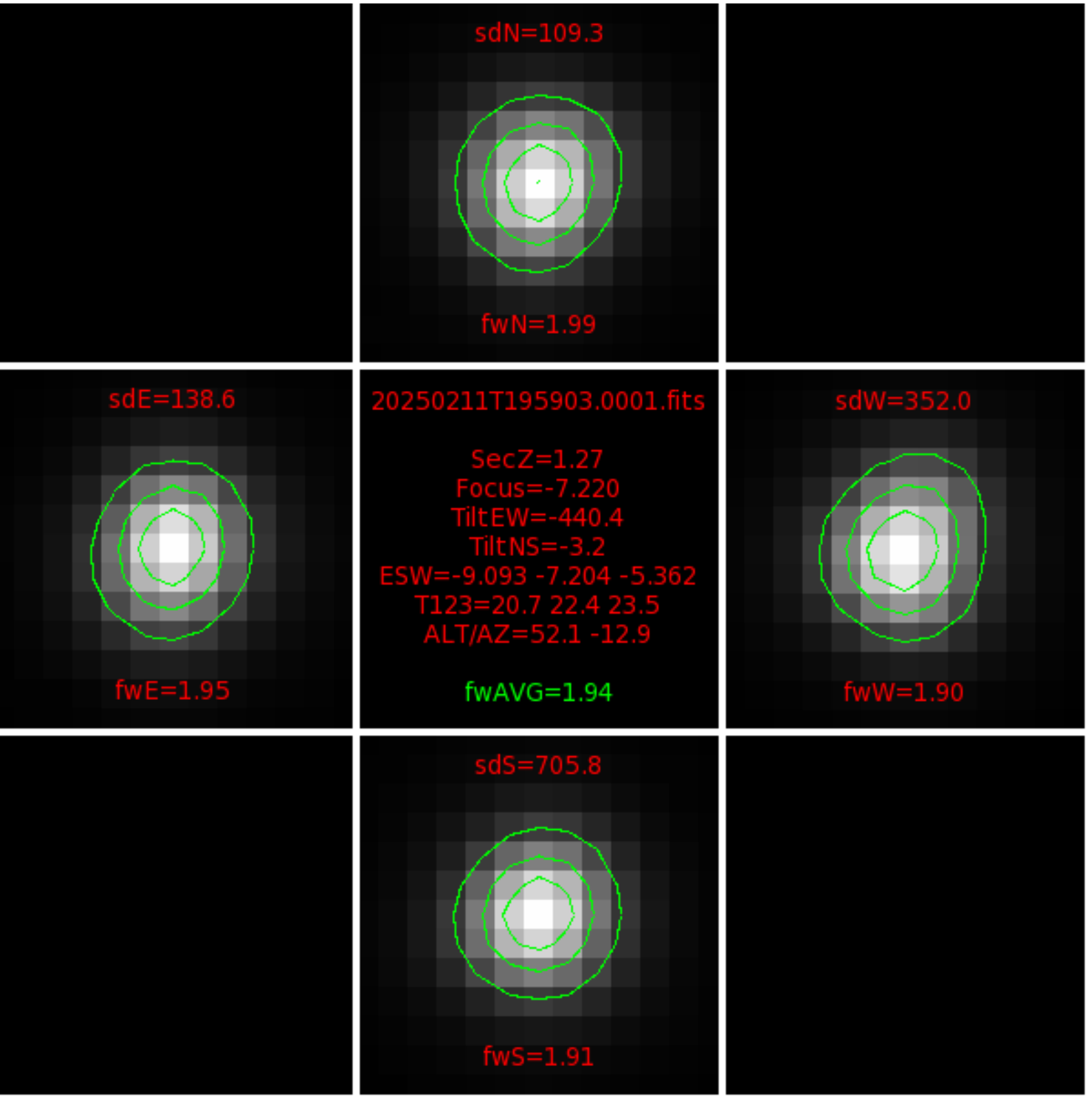
sdN=109.3
fwN=1.99
sdE=138.6
fwE=1.95
20250211T195903.0001.fits
SecZ=1.27
Focus=-7.220
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.093 -7.204 -5.362
T123=20.7 22.4 23.5
ALT/AZ=52.1 -12.9
fwAVG=1.94
sdW=352.0
fwW=1.90
sdS=705.8
fwS=1.91
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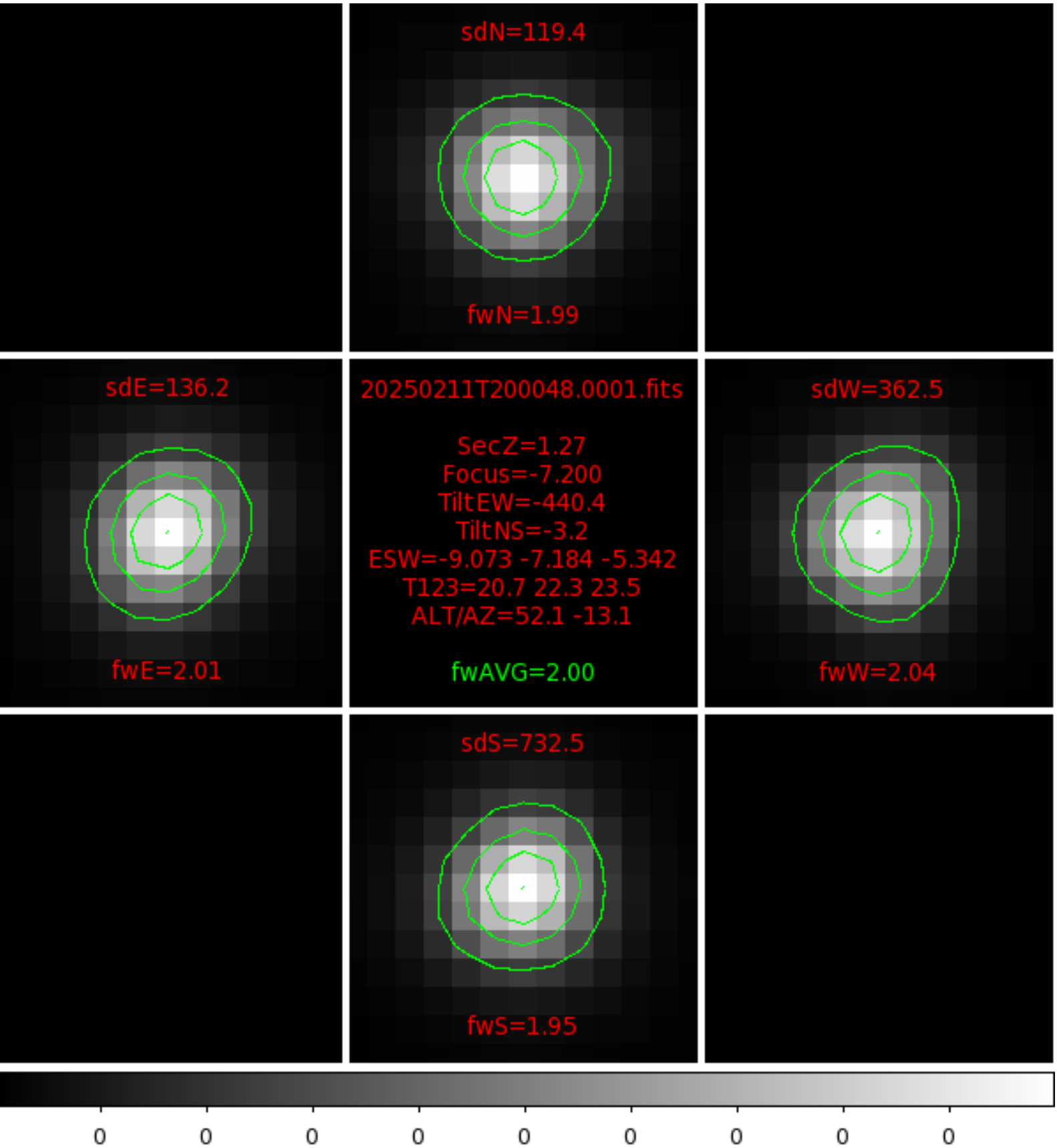
sdN=119.4
fwN=1.99
sdE=136.2
fwE=2.01
20250211T200048.0001.fits
SecZ=1.27
Focus=-7.200
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.073 -7.184 -5.342
T123=20.7 22.3 23.5
ALT/AZ=52.1 -13.1
fwAVG=2.00
sdW=362.5
fwW=2.04
sdS=732.5
fwS=1.95
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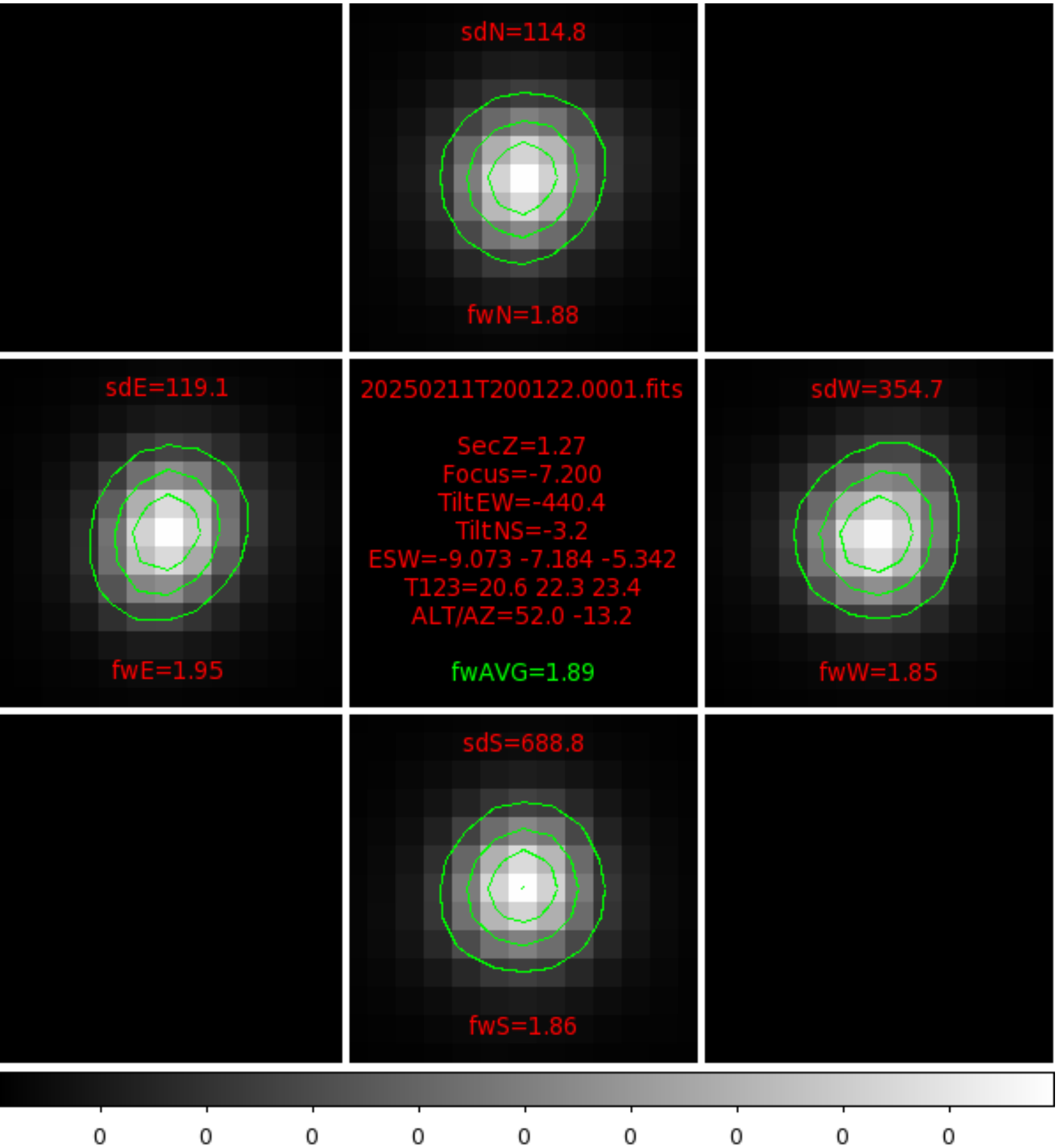
sdN=114.8
fwN=1.88
sdE=119.1
fwE=1.95
20250211T200122.0001.fits
SecZ=1.27
Focus=-7.200
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.073 -7.184 -5.342
T123=20.6 22.3 23.4
ALT/AZ=52.0 -13.2
fwAVG=1.89
sdW=354.7
fwW=1.85
sdS=688.8
fwS=1.86
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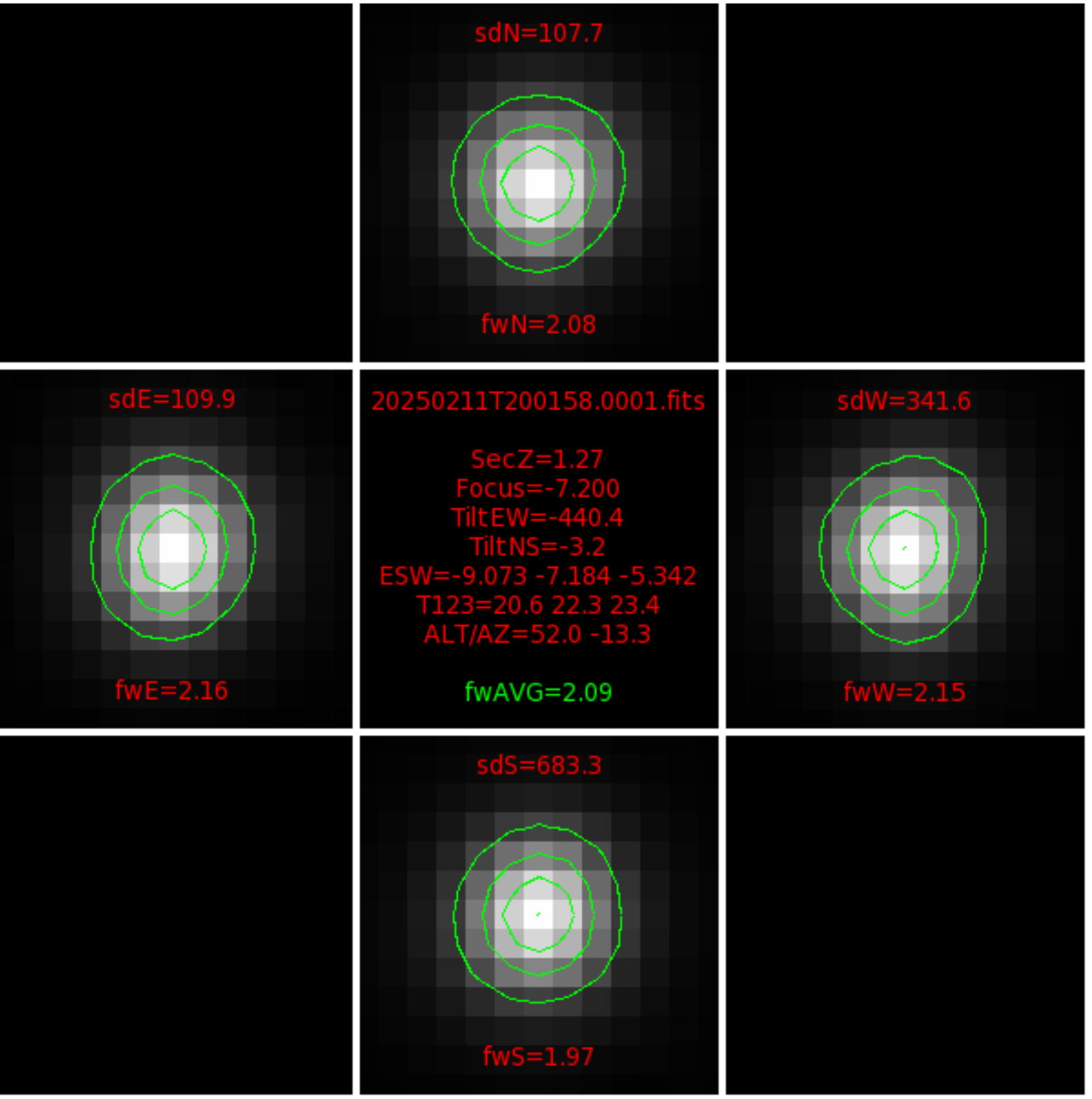
sdN=107.7
fwN=2.08
sdE=109.9
fwE=2.16
20250211T200158.0001.fits
SecZ=1.27
Focus=-7.200
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.073 -7.184 -5.342
T123=20.6 22.3 23.4
ALT/AZ=52.0 -13.3
fwAVG=2.09
sdW=341.6
fwW=2.15
sdS=683.3
fwS=1.97
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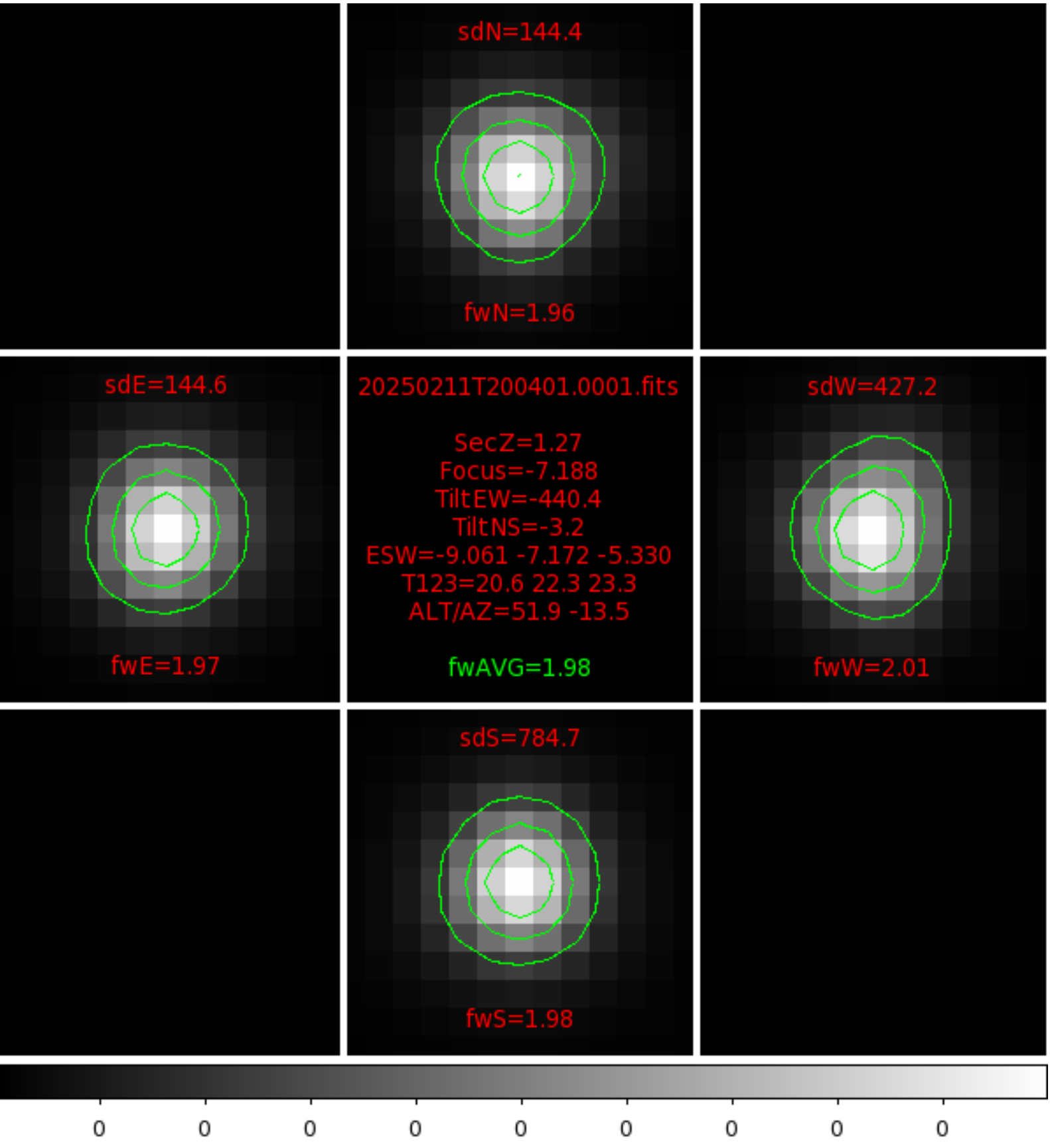
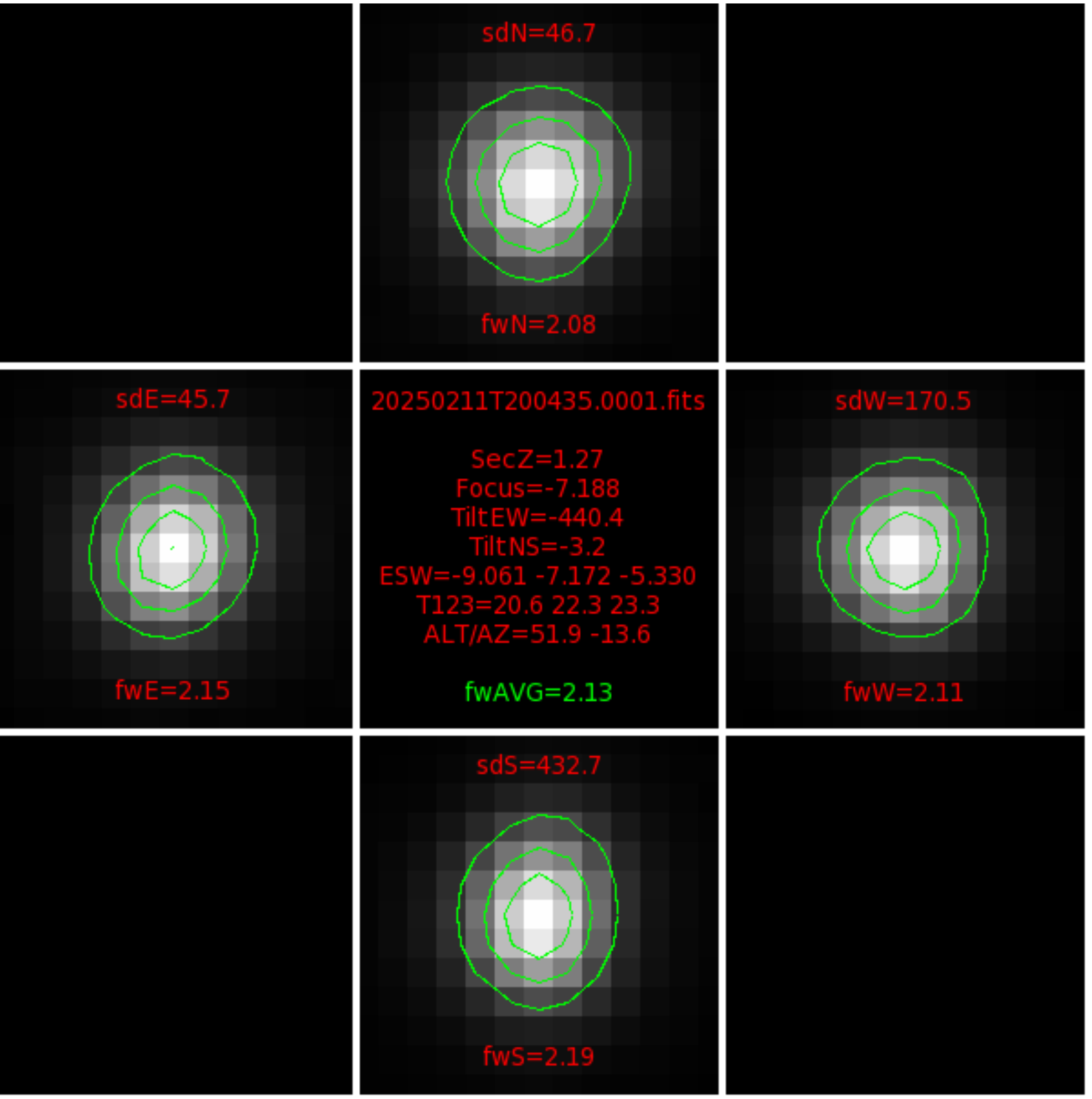

sdN=144.4
fwN=1.96
sdE=144.6
fwE=1.97
20250211T200401.0001.fits
SecZ=1.27
Focus=-7.188
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.061 -7.172 -5.330
T123=20.6 22.3 23.3
ALT/AZ=51.9 -13.5
fwAVG=1.98
sdW=427.2
fwW=2.01
sdS=784.7
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=46.7
fwN=2.08
sdE=45.7
fwE=2.15
20250211T200435.0001.fits
SecZ=1.27
Focus=-7.188
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.061 -7.172 -5.330
T123=20.6 22.3 23.3
ALT/AZ=51.9 -13.6
fwAVG=2.13
sdW=170.5
fwW=2.11
sdS=432.7
fwS=2.19
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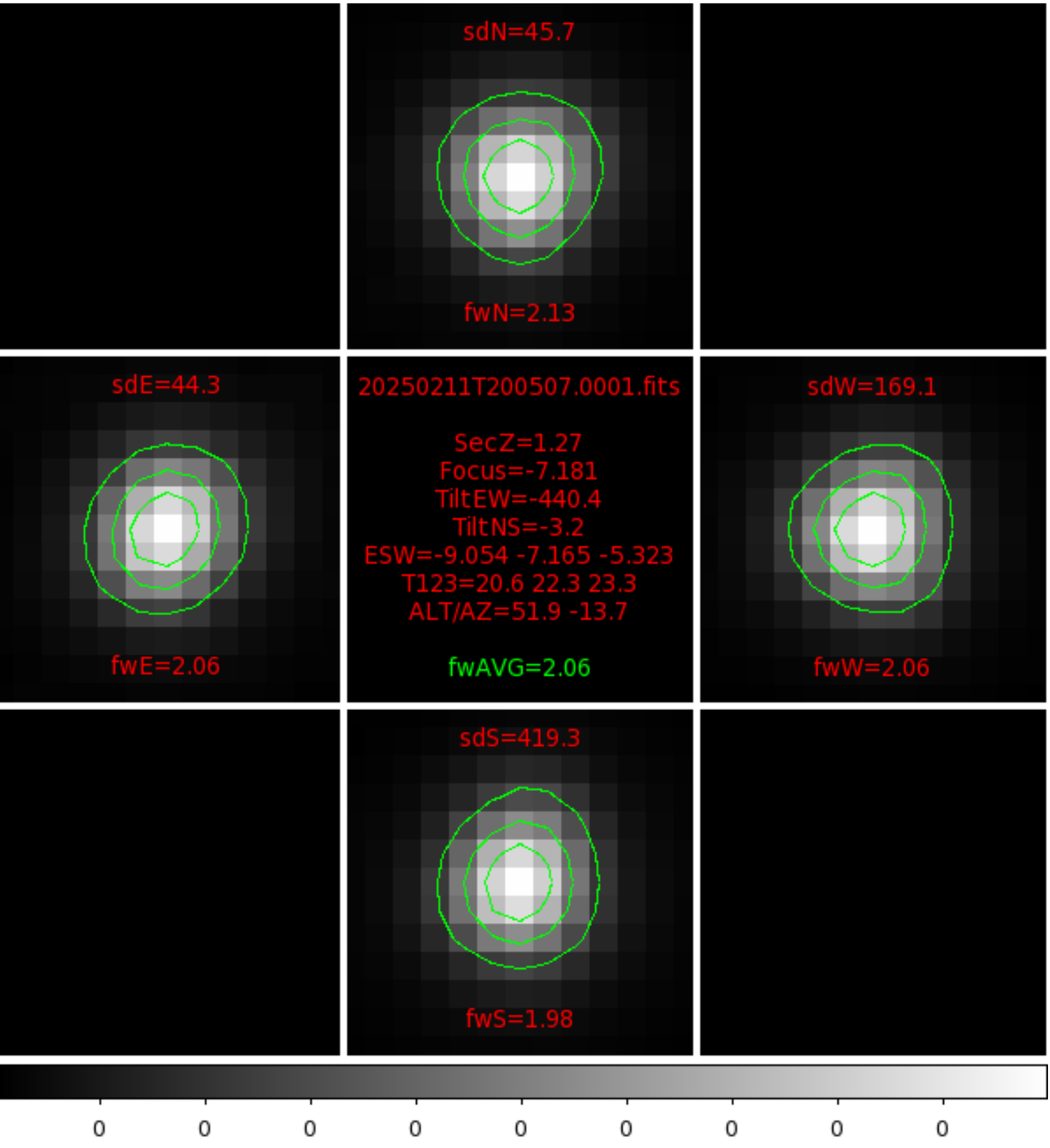
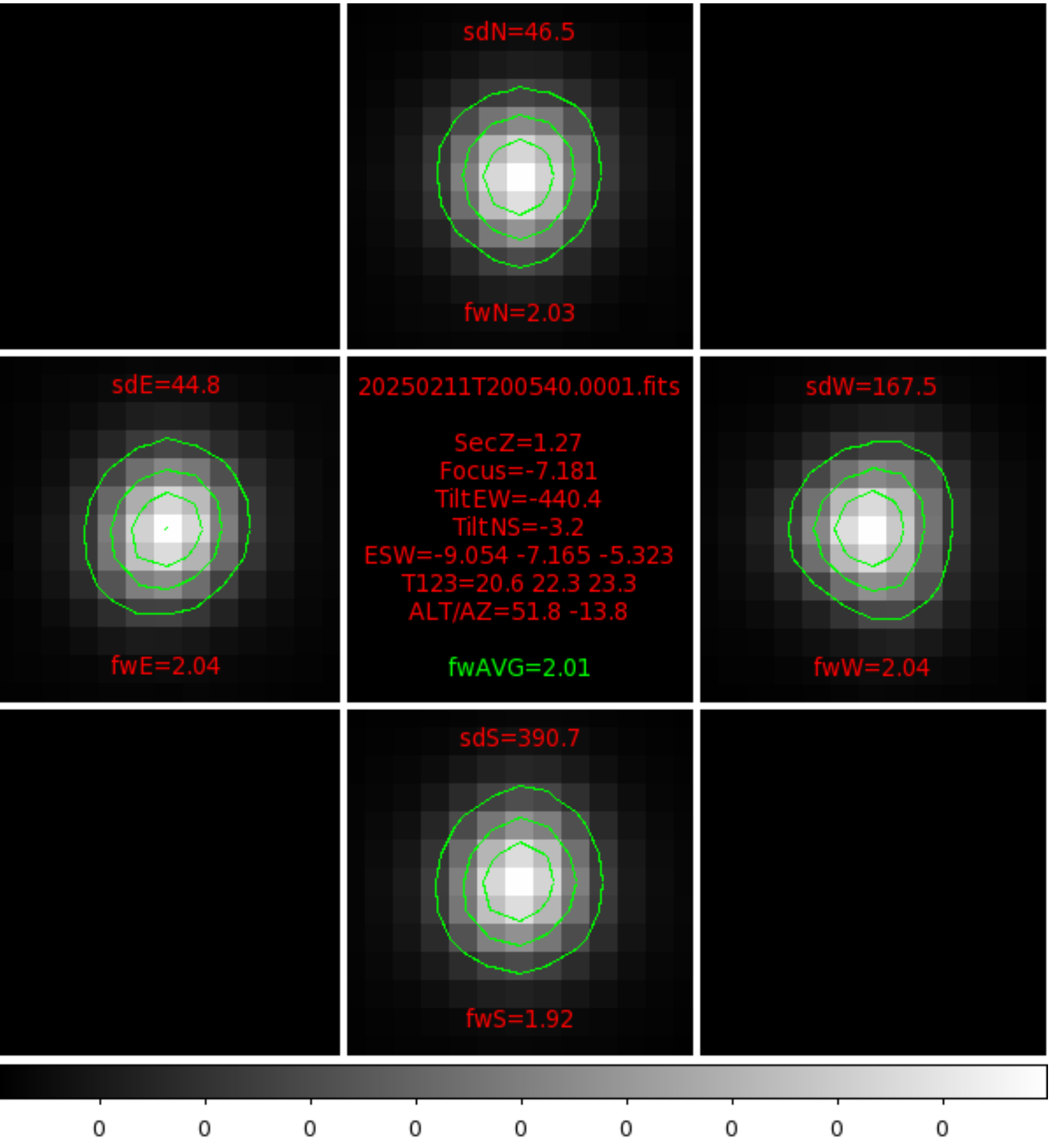

sdN=45.7
fwN=2.13
sdE=44.3
fwE=2.06
20250211T200507.0001.fits
SecZ=1.27
Focus=-7.181
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.054 -7.165 -5.323
T123=20.6 22.3 23.3
ALT/AZ=51.9 -13.7
fwAVG=2.06
sdW=169.1
fwW=2.06
sdS=419.3
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=46.5
fwN=2.03
sdE=44.8
fwE=2.04
20250211T200540.0001.fits
SecZ=1.27
Focus=-7.181
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.054 -7.165 -5.323
T123=20.6 22.3 23.3
ALT/AZ=51.8 -13.8
fwAVG=2.01
sdW=167.5
fwW=2.04
sdS=390.7
fwS=1.92
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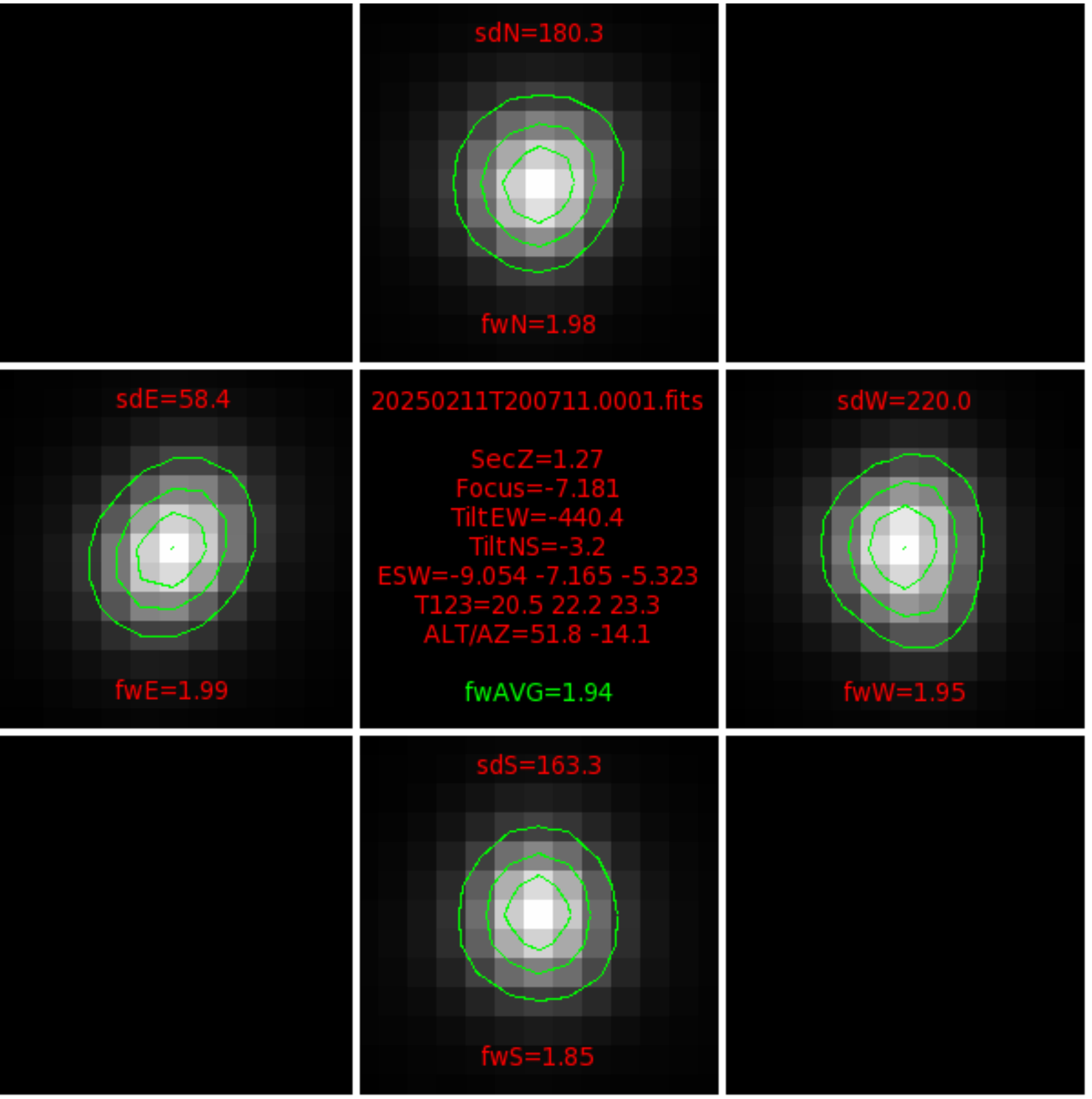
sdN=180.3
fwN=1.98
sdE=58.4
fwE=1.99
20250211T200711.0001.fits
SecZ=1.27
Focus=-7.181
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.054 -7.165 -5.323
T123=20.5 22.2 23.3
ALT/AZ=51.8 -14.1
fwAVG=1.94
sdW=220.0
fwW=1.95
sdS=163.3
fwS=1.85
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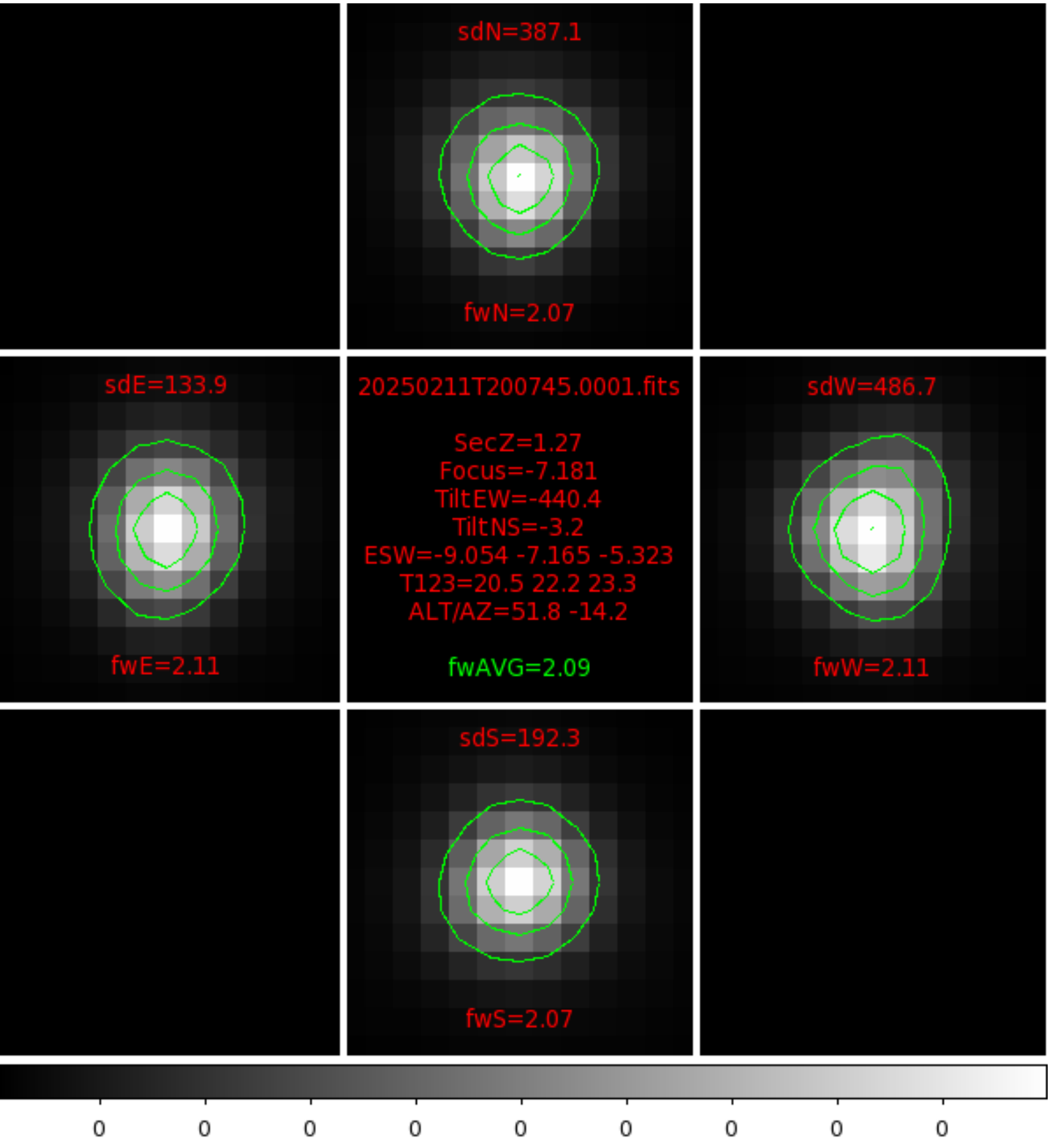
sdN=387.1
fwN=2.07
sdE=133.9
fwE=2.11
20250211T200745.0001.fits
SecZ=1.27
Focus=-7.181
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.054 -7.165 -5.323
T123=20.5 22.2 23.3
ALT/AZ=51.8 -14.2
fwAVG=2.09
sdW=486.7
fwW=2.11
sdS=192.3
fwS=2.07
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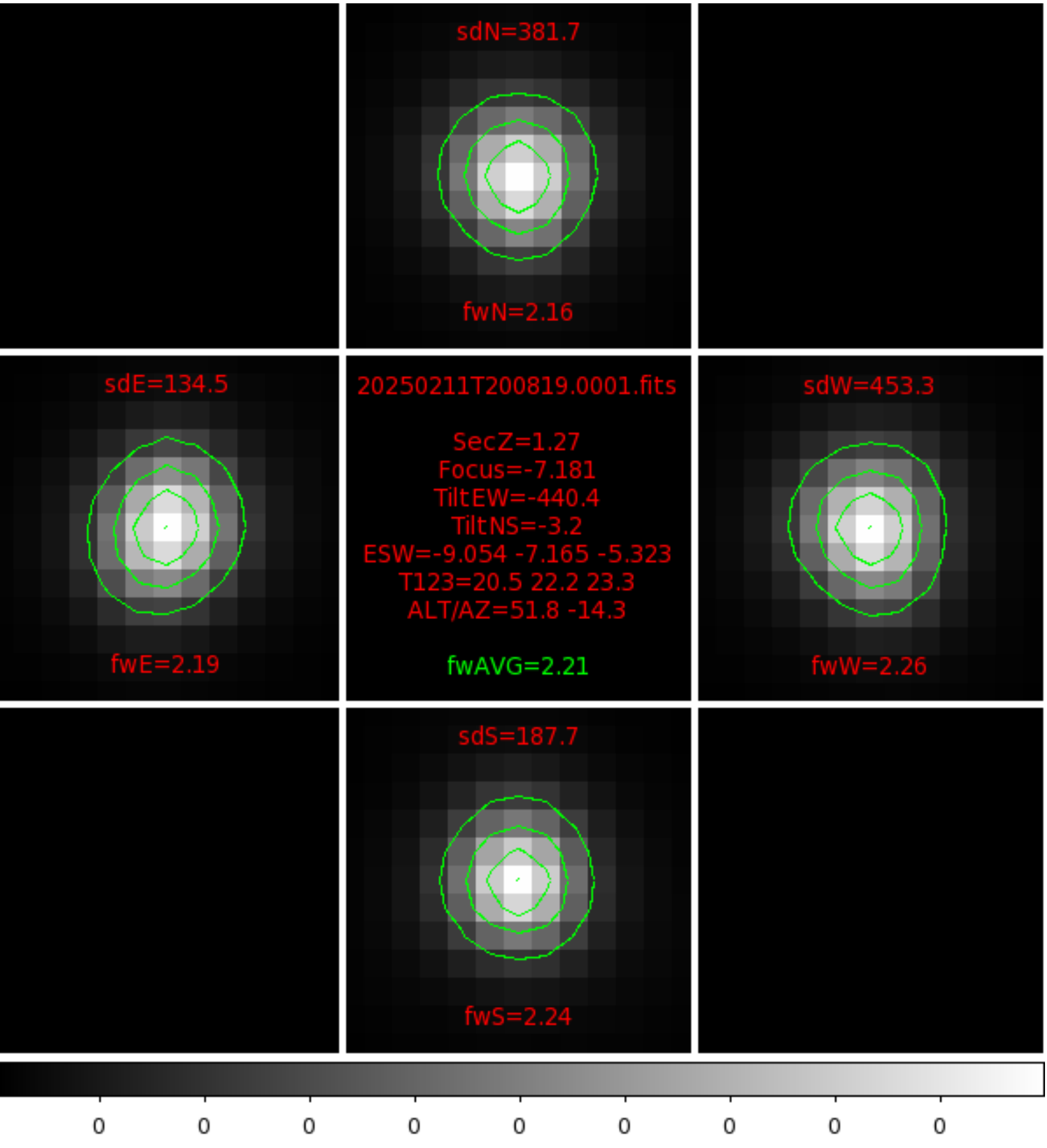
sdN=381.7
fwN=2.16
sdE=134.5
fwE=2.19
20250211T200819.0001.fits
SecZ=1.27
Focus=-7.181
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.054 -7.165 -5.323
T123=20.5 22.2 23.3
ALT/AZ=51.8 -14.3
fwAVG=2.21
sdW=453.3
fwW=2.26
sdS=187.7
fwS=2.24
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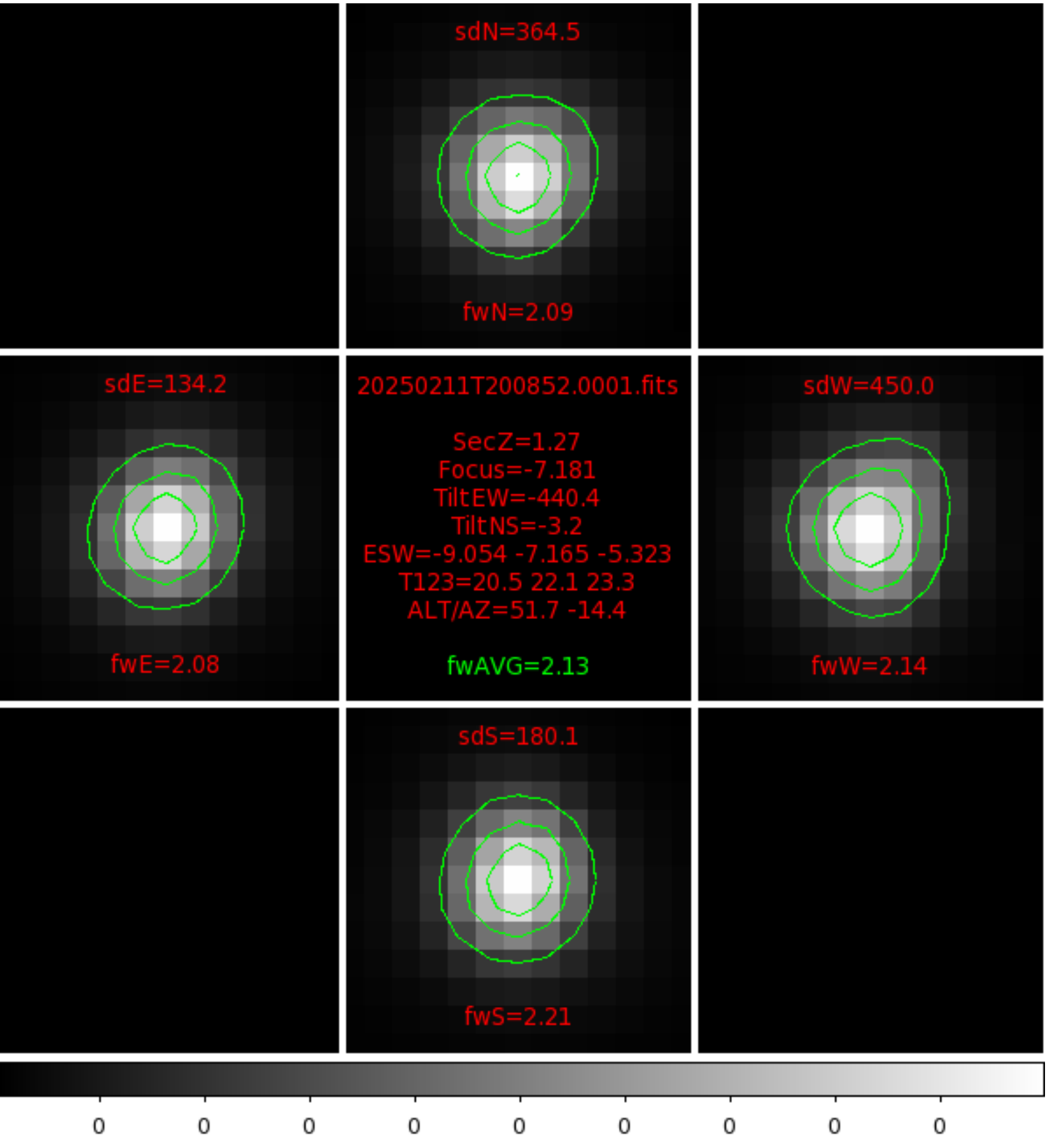
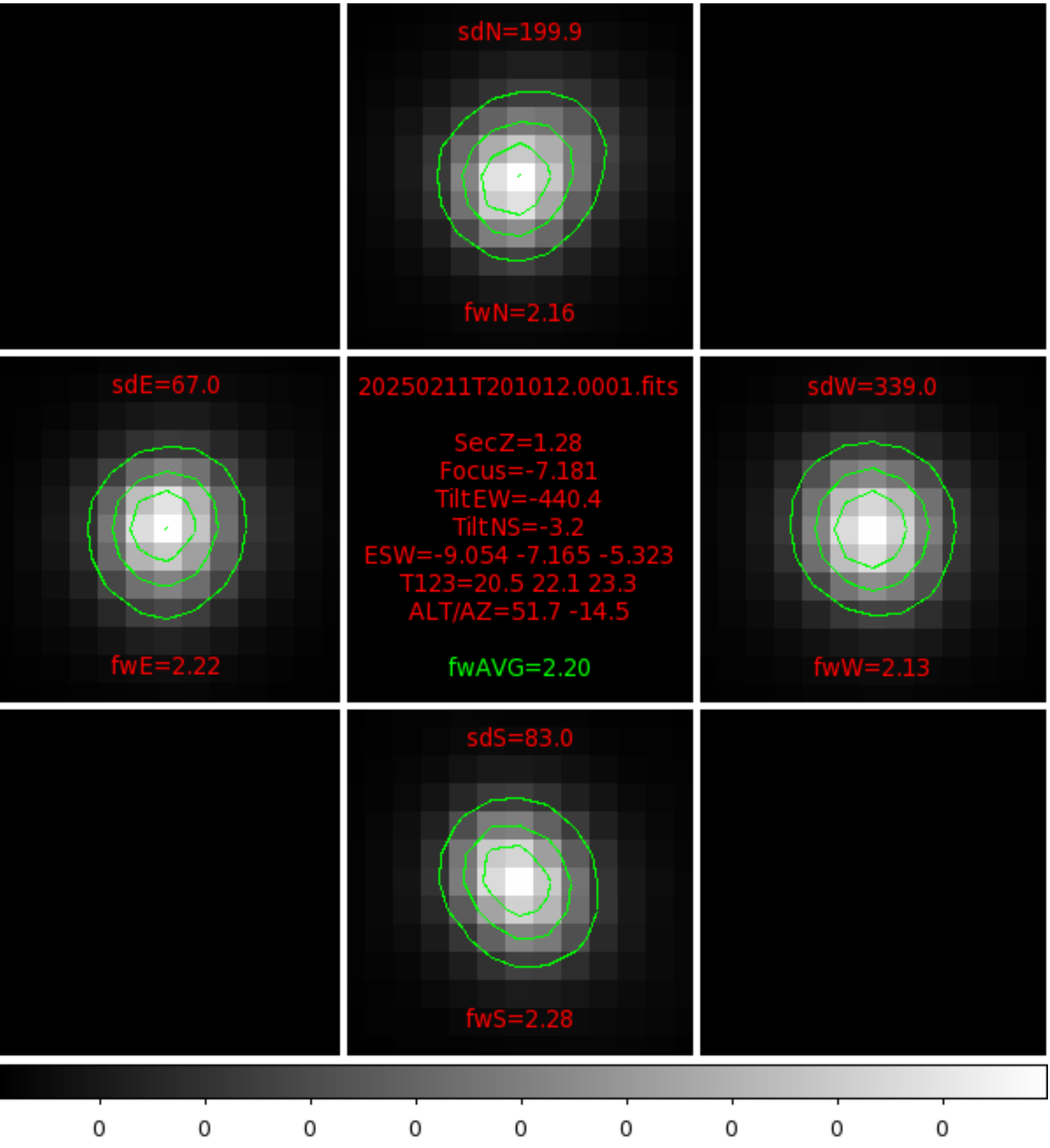
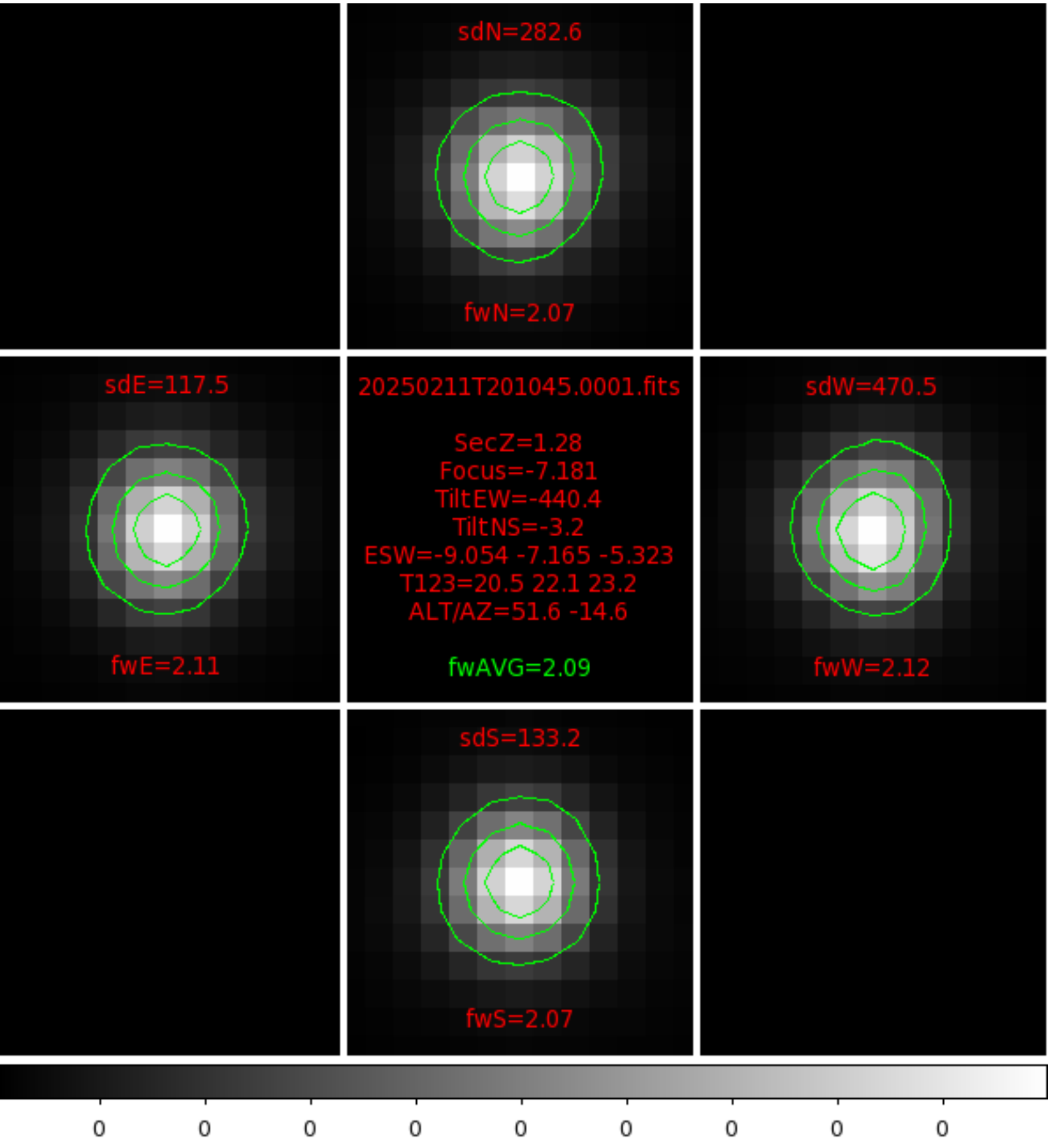
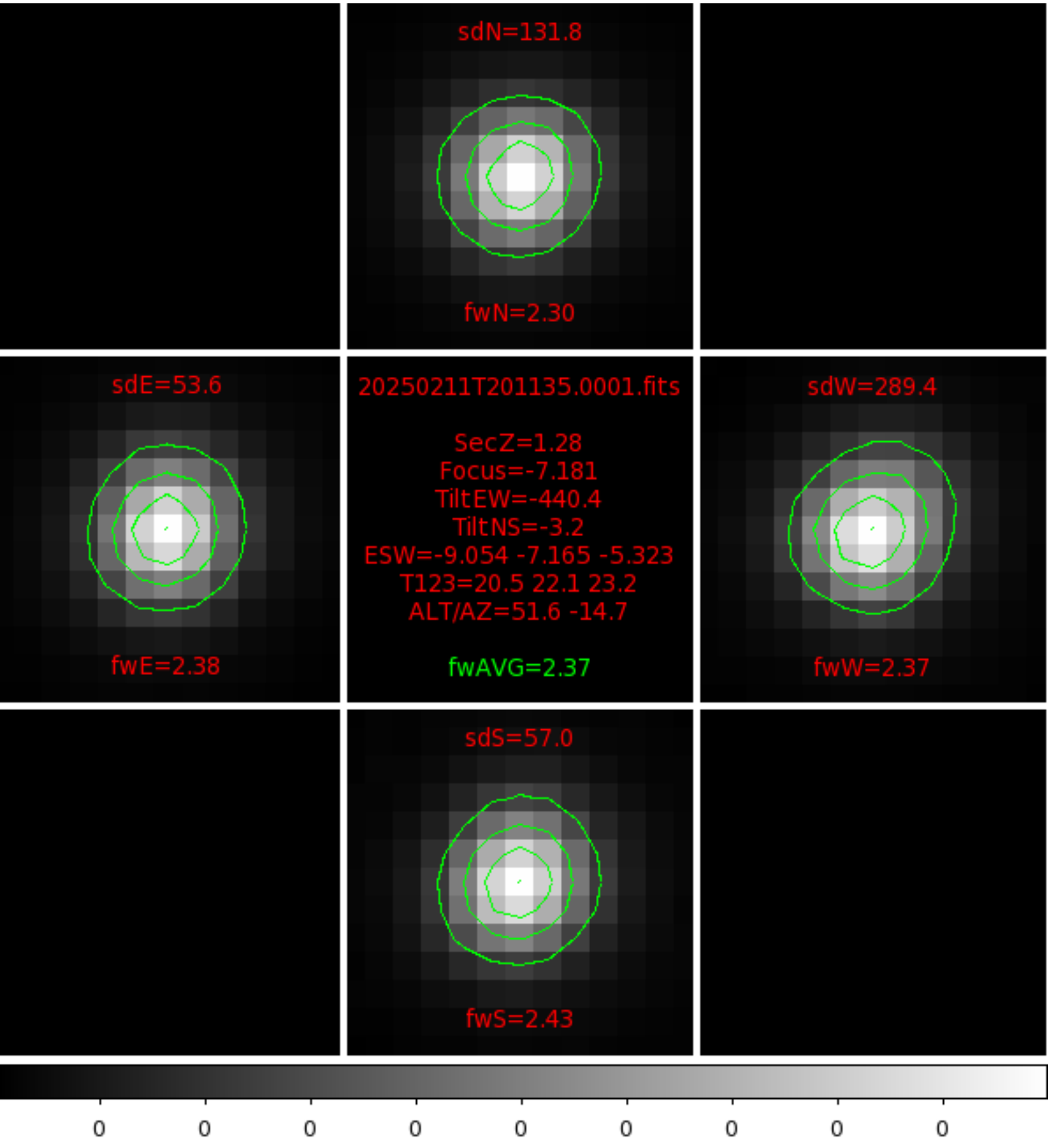
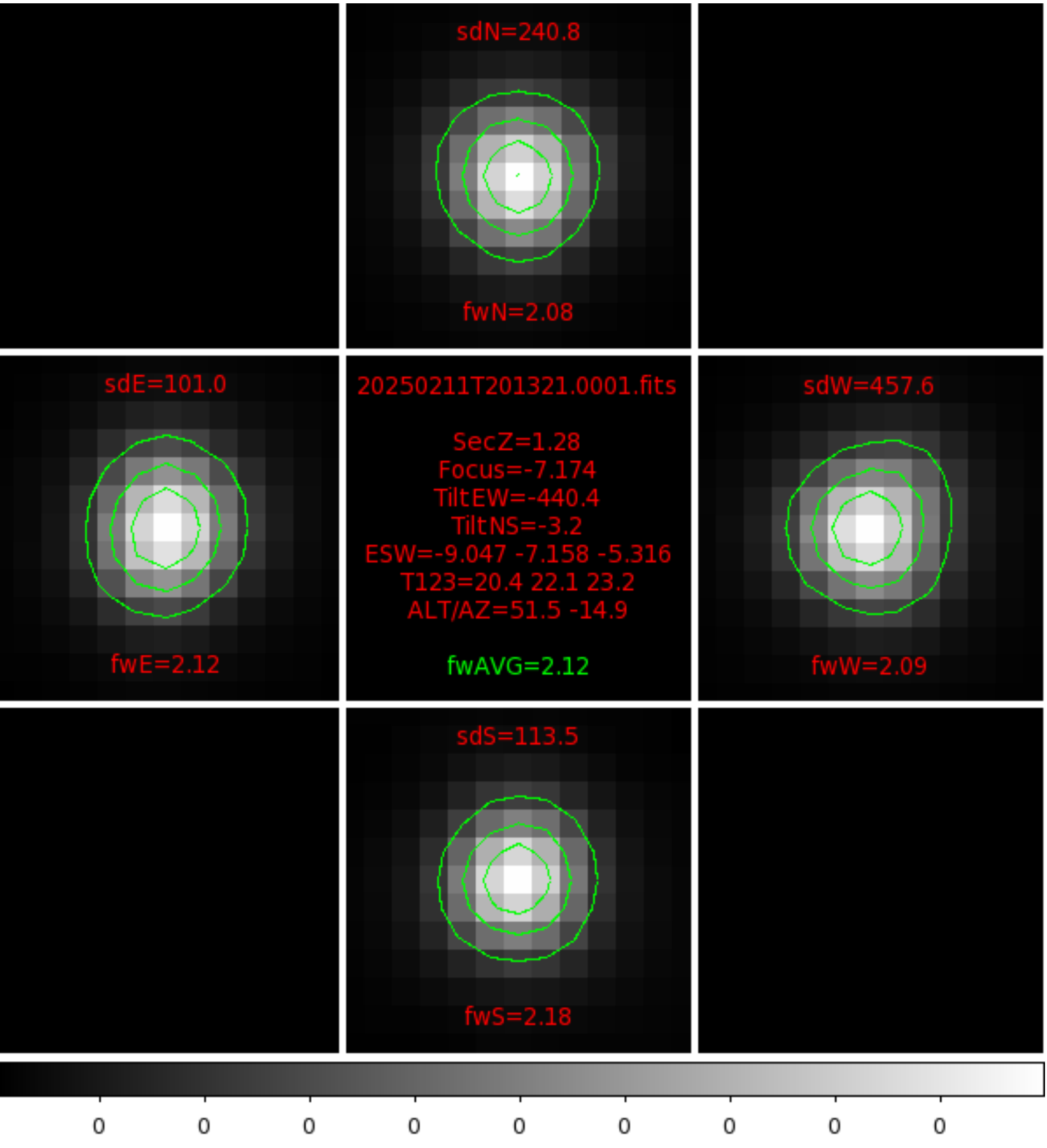
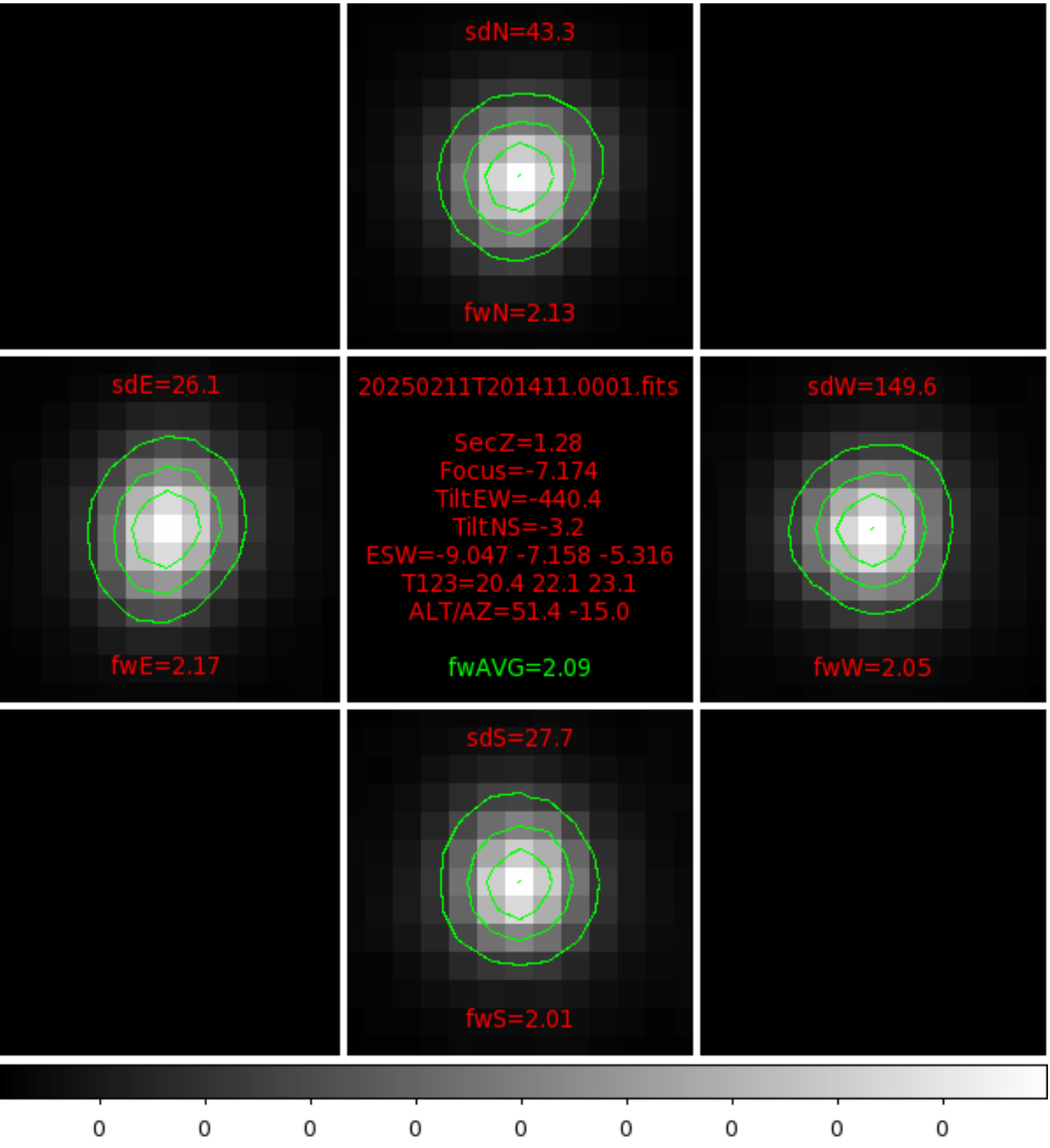

sdN=364.5
fwN=2.09
sdE=134.2
fwE=2.08
20250211T200852.0001.fits
SecZ=1.27
Focus=-7.181
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.054 -7.165 -5.323
T123=20.5 22.1 23.3
ALT/AZ=51.7 -14.4
fwAVG=2.13
sdW=450.0
fwW=2.14
sdS=180.1
fwS=2.21
0 0 0 0 0 0 0 0 0

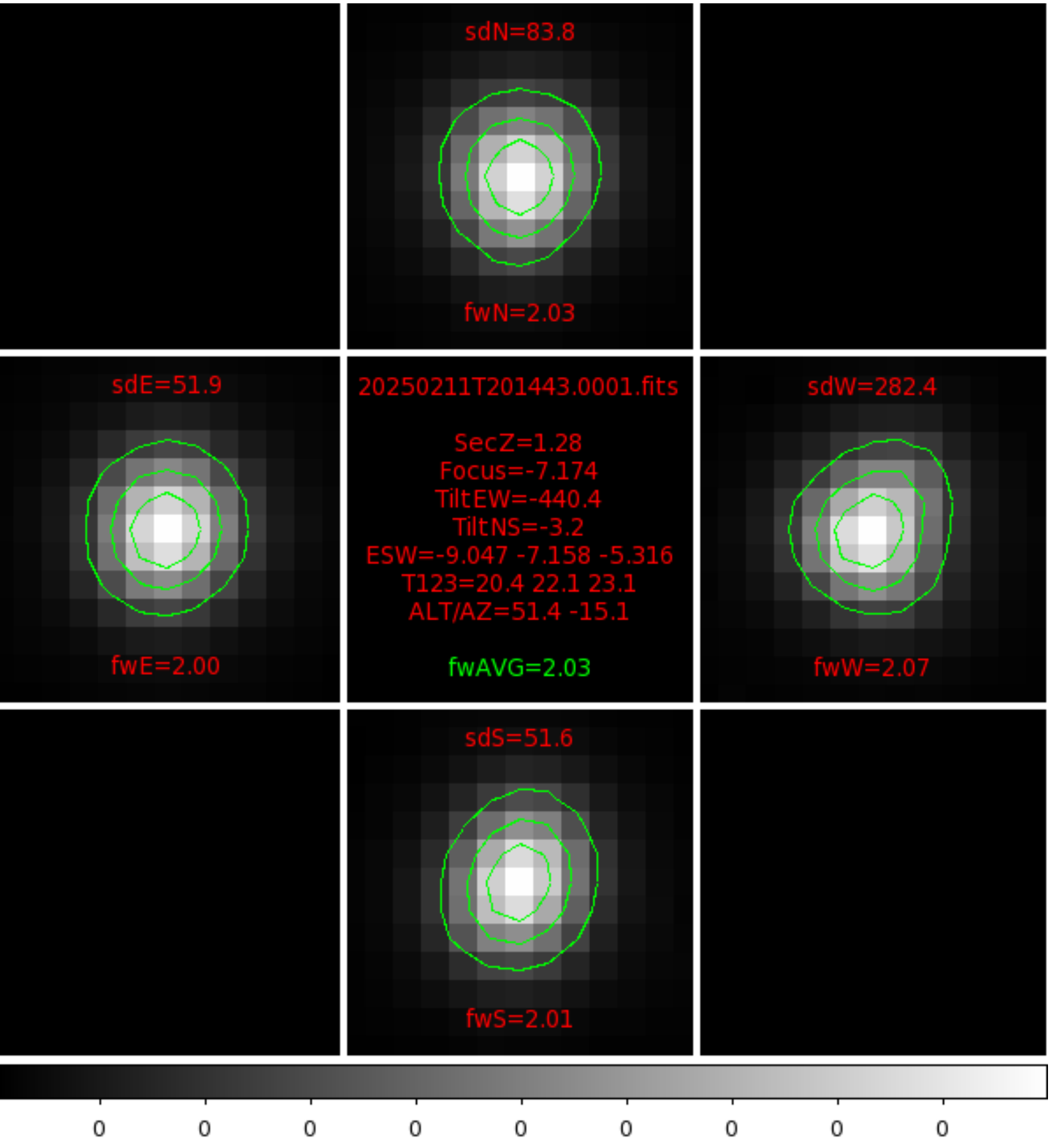

sdN=199.9
fwN=2.16
sdE=67.0
fwE=2.22
20250211T201012.0001.fits
SecZ=1.28
Focus=-7.181
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.054 -7.165 -5.323
T123=20.5 22.1 23.3
ALT/AZ=51.7 -14.5
fwAVG=2.20
sdW=339.0
fwW=2.13
sdS=83.0
fwS=2.28
0 0 0 0 0 0 0 0 0

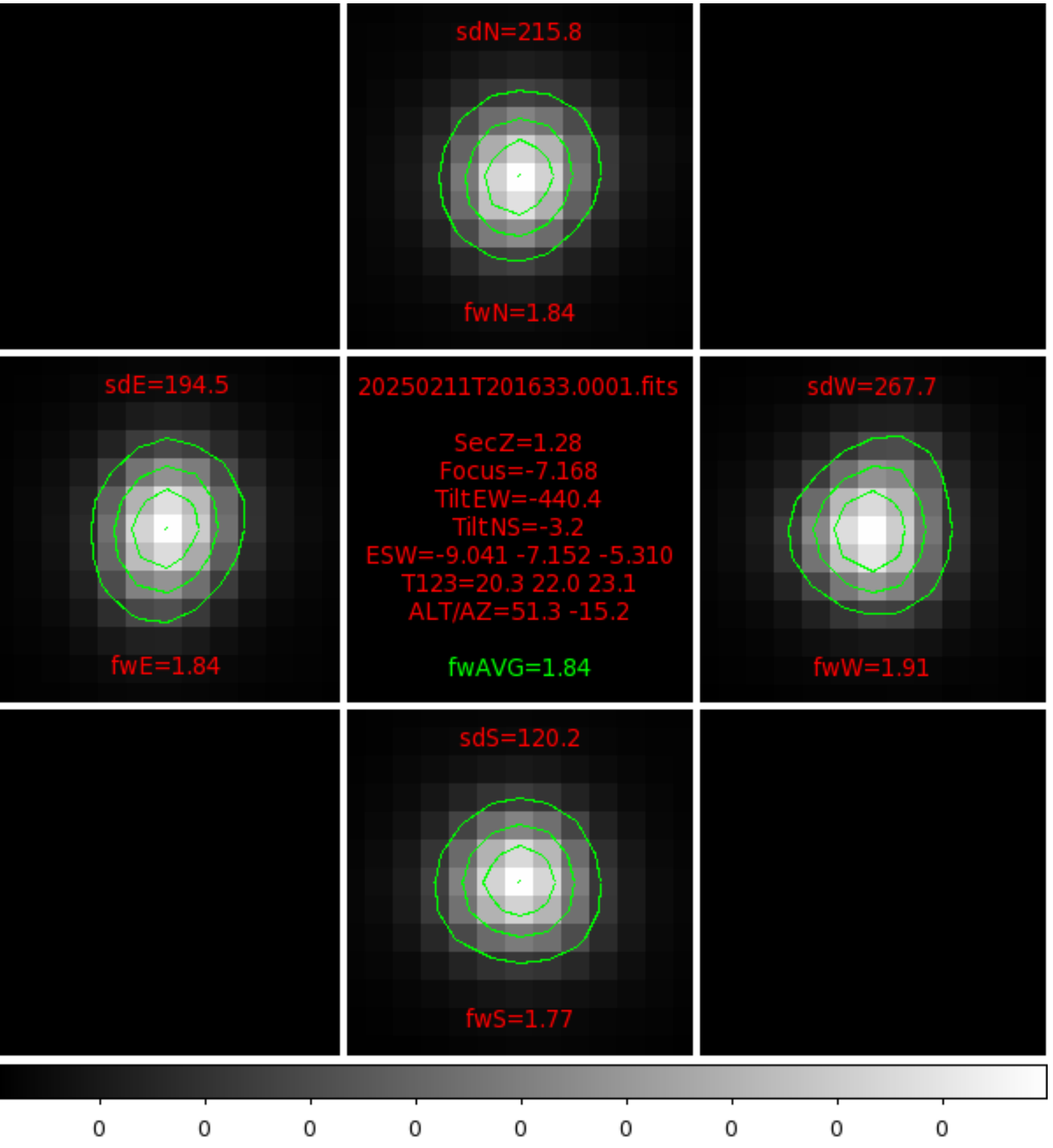

sdN=282.6
fwN=2.07
sdE=117.5
fwE=2.11
20250211T201045.0001.fits
SecZ=1.28
Focus=-7.181
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.054 -7.165 -5.323
T123=20.5 22.1 23.2
ALT/AZ=51.6 -14.6
fwAVG=2.09
sdW=470.5
fwW=2.12
sdS=133.2
fwS=2.07
0 0 0 0 0 0 0 0 0

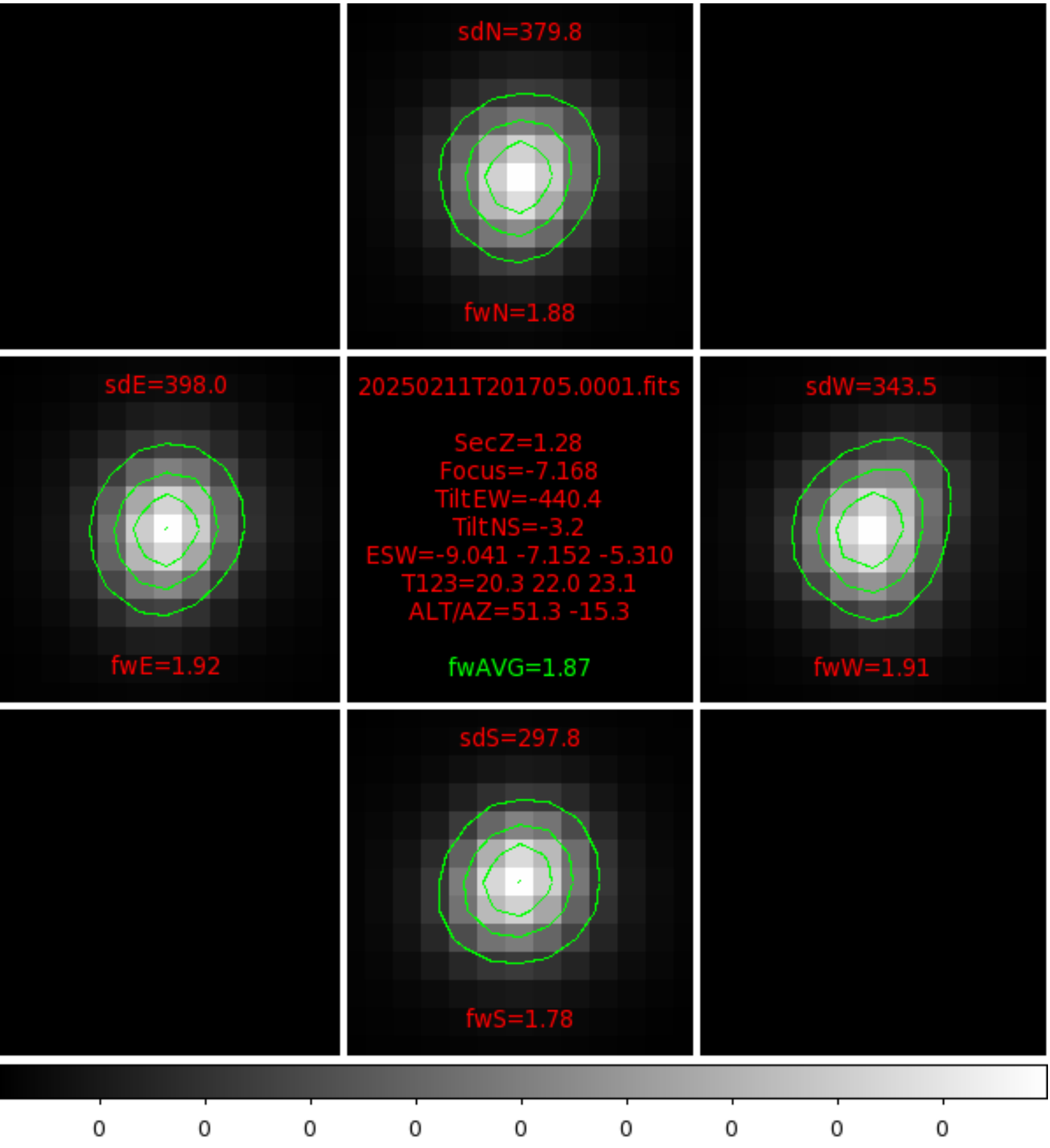

sdN=131.8
fwN=2.30
sdE=53.6
fwE=2.38
20250211T201135.0001.fits
SecZ=1.28
Focus=-7.181
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.054 -7.165 -5.323
T123=20.5 22.1 23.2
ALT/AZ=51.6 -14.7
fwAVG=2.37
sdW=289.4
fwW=2.37
sdS=57.0
fwS=2.43
0 0 0 0 0 0 0 0 0

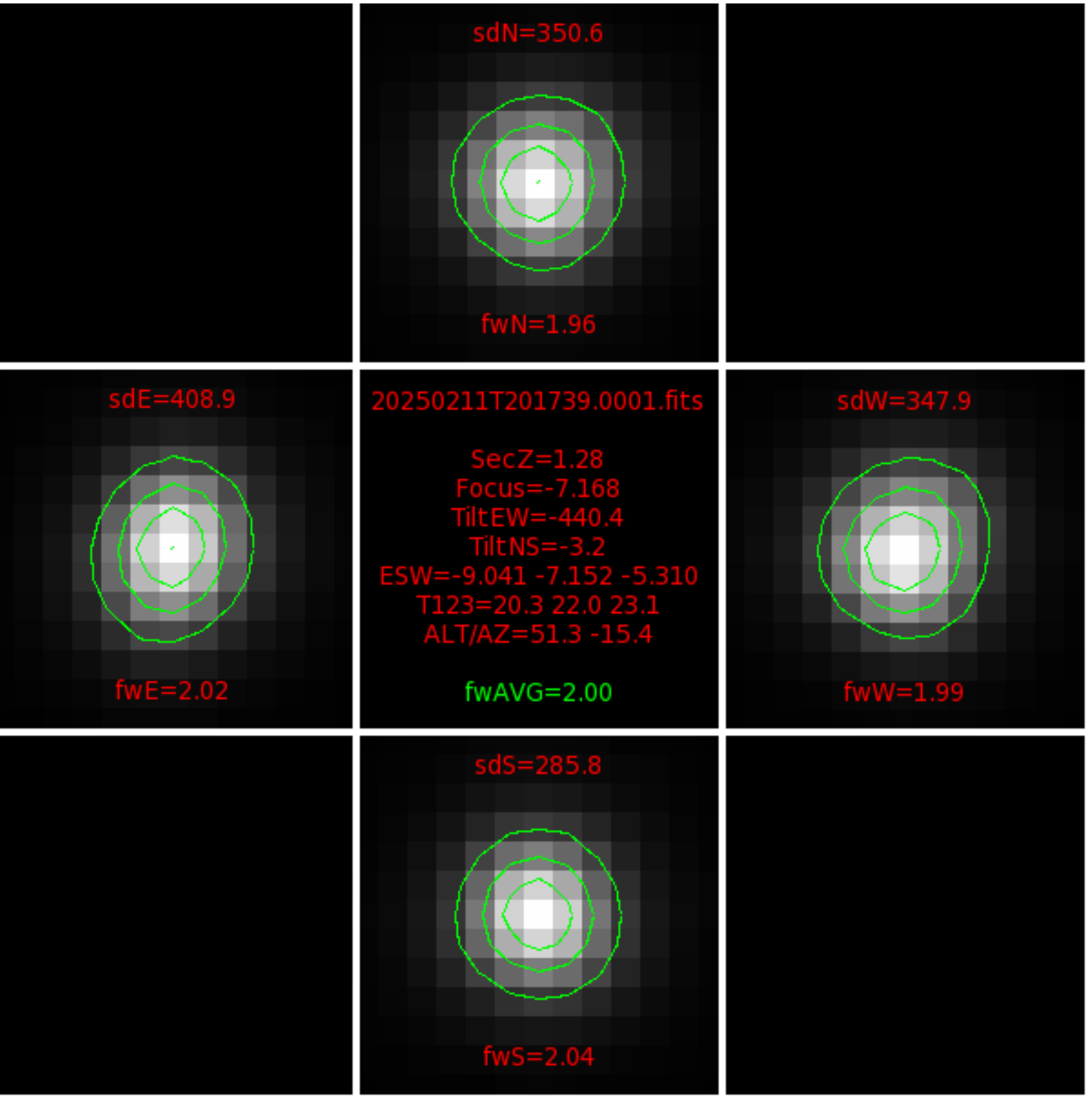

sdN=240.8
fwN=2.08
sdE=101.0
fwE=2.12
20250211T201321.0001.fits
SecZ=1.28
Focus=-7.174
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.047 -7.158 -5.316
T123=20.4 22.1 23.2
ALT/AZ=51.5 -14.9
fwAVG=2.12
sdW=457.6
fwW=2.09
sdS=113.5
fwS=2.18
0 0 0 0 0 0 0 0 0

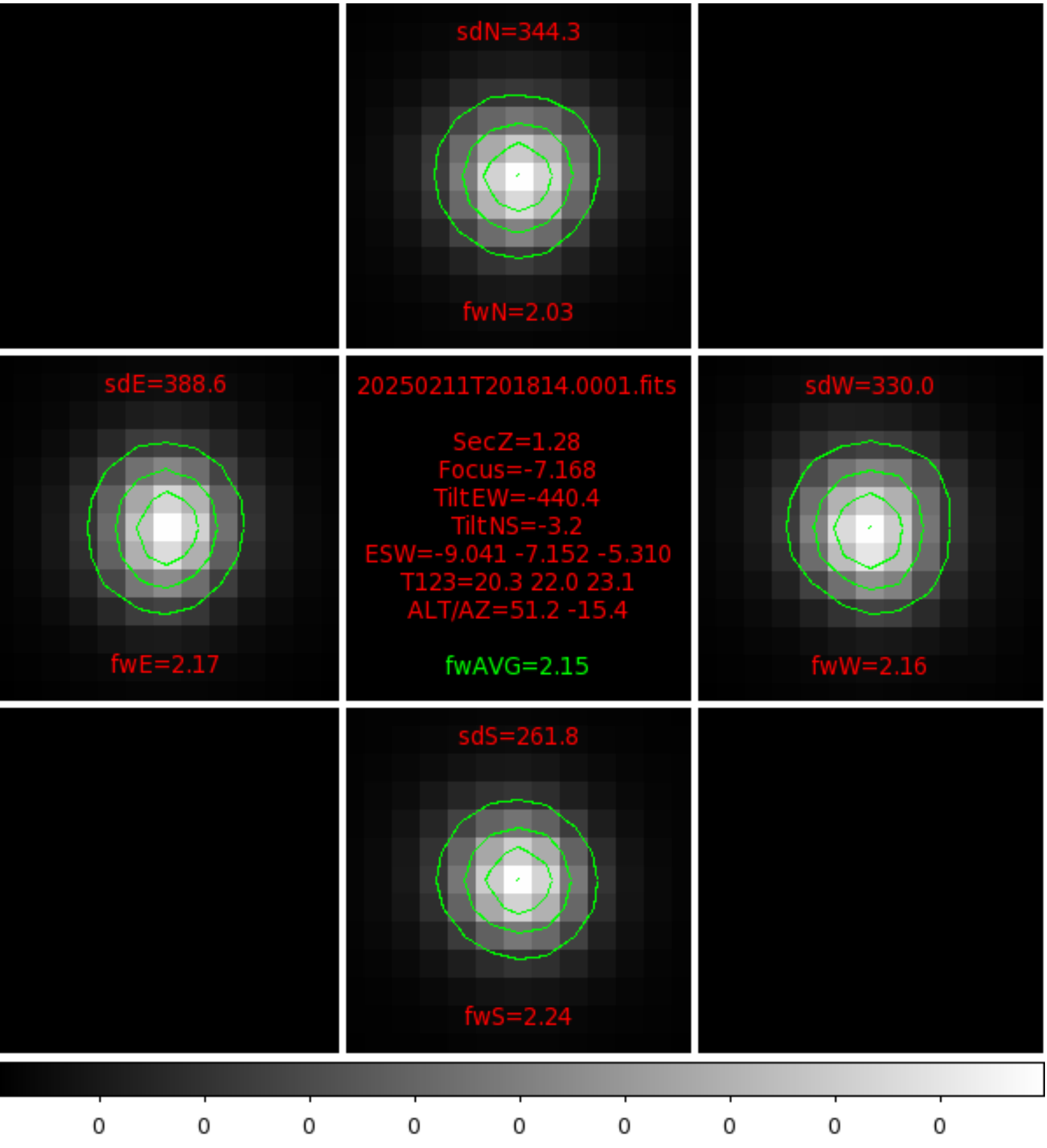

sdN=43.3
fwN=2.13
sdE=26.1
fwE=2.17
20250211T201411.0001.fits
SecZ=1.28
Focus=-7.174
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.047 -7.158 -5.316
T123=20.4 22.1 23.1
ALT/AZ=51.4 -15.0
fwAVG=2.09
sdW=149.6
fwW=2.05
sdS=27.7
fwS=2.01
0 0 0 0 0 0 0 0 0

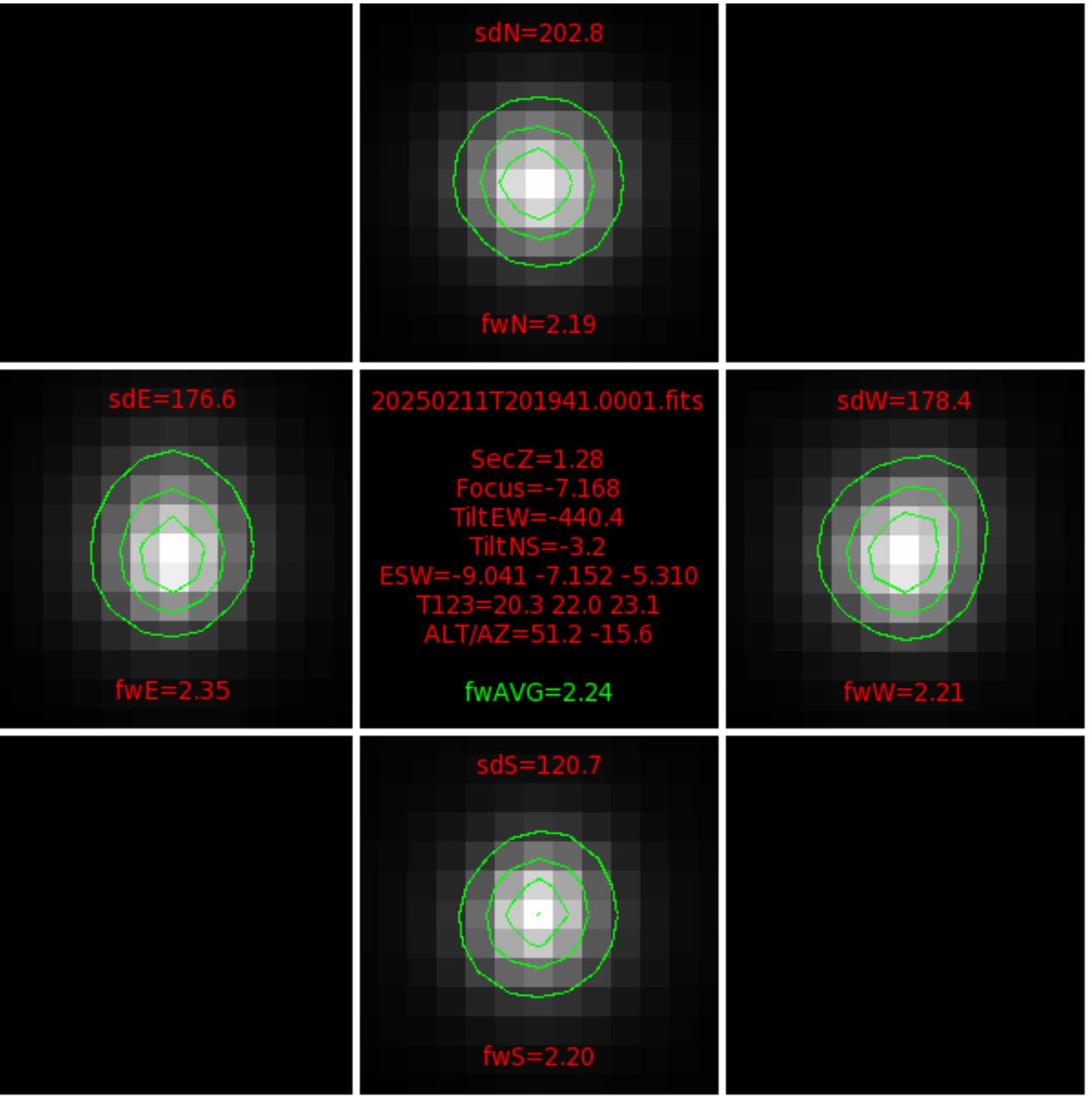

sdN=83.8
fwN=2.03
sdE=51.9
fwE=2.00
20250211T201443.0001.fits
SecZ=1.28
Focus=-7.174
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.047 -7.158 -5.316
T123=20.4 22.1 23.1
ALT/AZ=51.4 -15.1
fwAVG=2.03
sdW=282.4
fwW=2.07
sdS=51.6
fwS=2.01
0 0 0 0 0 0 0 0 0

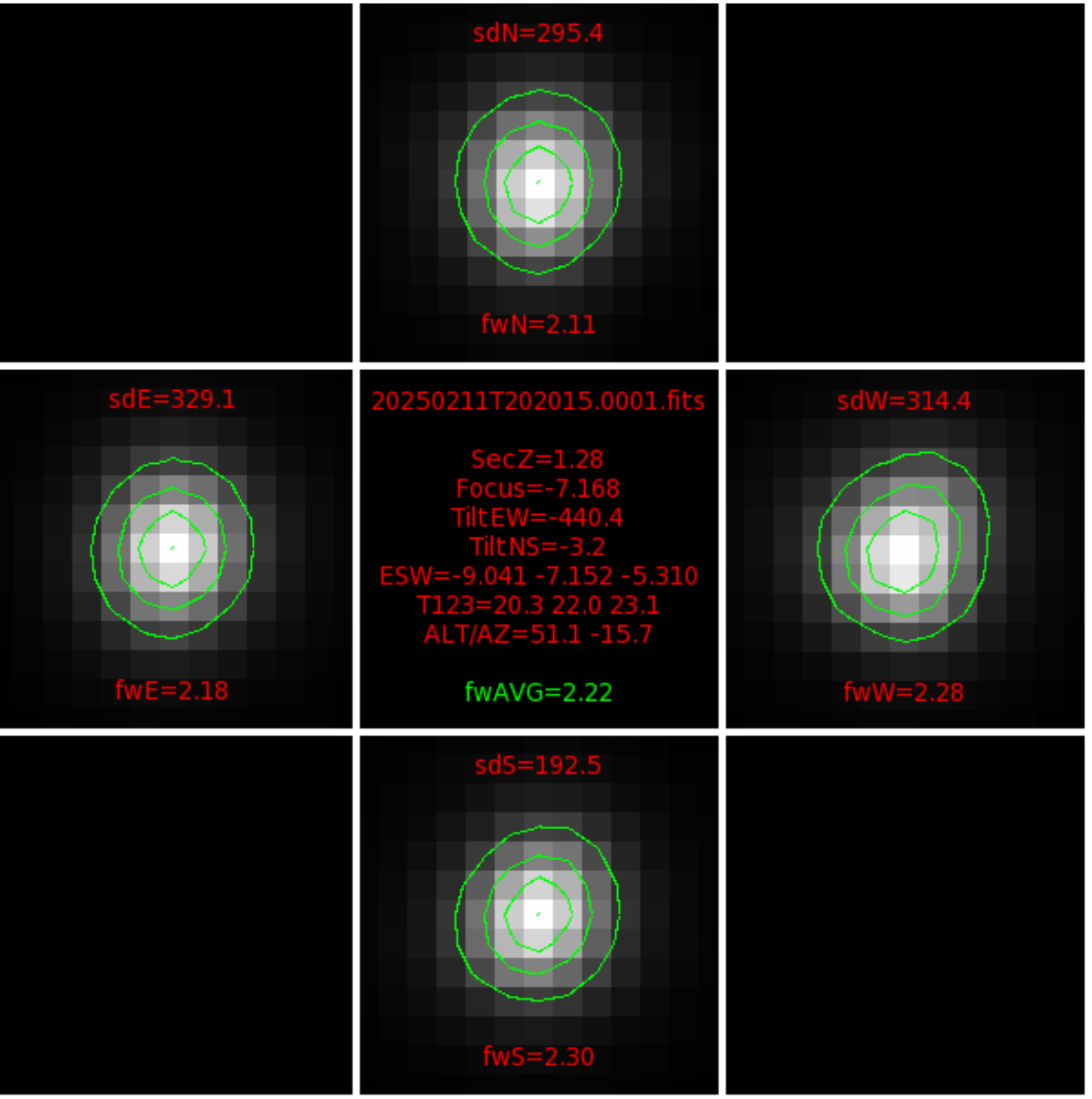

sdN=215.8
fwN=1.84
sdE=194.5
fwE=1.84
20250211T201633.0001.fits
SecZ=1.28
Focus=-7.168
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.041 -7.152 -5.310
T123=20.3 22.0 23.1
ALT/AZ=51.3 -15.2
fwAVG=1.84
sdW=267.7
fwW=1.91
sdS=120.2
fwS=1.77
0 0 0 0 0 0 0 0 0

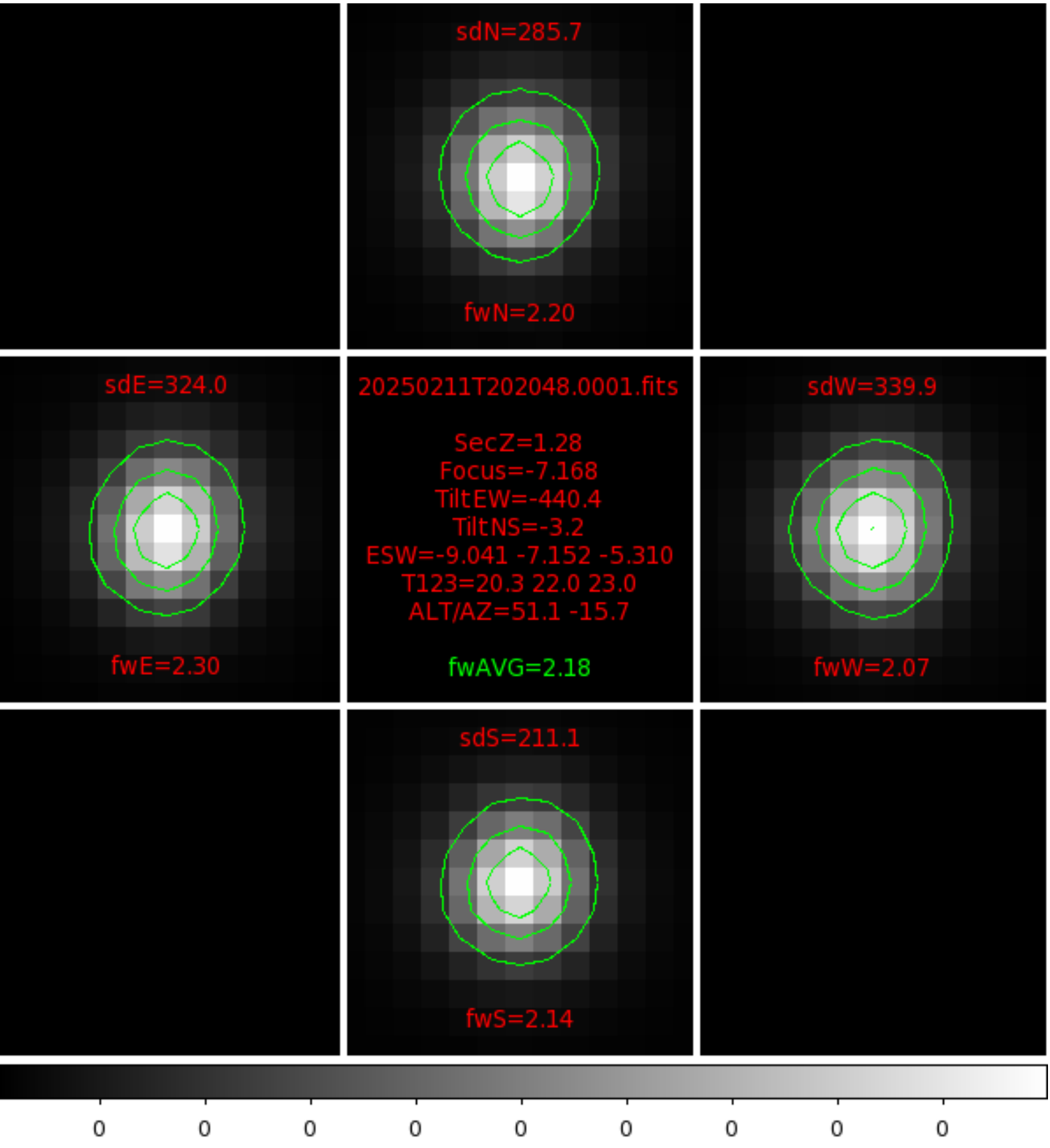

sdN=379.8
fwN=1.88
sdE=398.0
fwE=1.92
20250211T201705.0001.fits
SecZ=1.28
Focus=-7.168
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.041 -7.152 -5.310
T123=20.3 22.0 23.1
ALT/AZ=51.3 -15.3
fwAVG=1.87
sdW=343.5
fwW=1.91
sdS=297.8
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=350.6
fwN=1.96
sdE=408.9
fwE=2.02
20250211T201739.0001.fits
SecZ=1.28
Focus=-7.168
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.041 -7.152 -5.310
T123=20.3 22.0 23.1
ALT/AZ=51.3 -15.4
fwAVG=2.00
sdW=347.9
fwW=1.99
sdS=285.8
fwS=2.04
0 0 0 0 0 0 0 0 0


sdN=344.3
fwN=2.03
sdE=388.6
fwE=2.17
20250211T201814.0001.fits
SecZ=1.28
Focus=-7.168
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.041 -7.152 -5.310
T123=20.3 22.0 23.1
ALT/AZ=51.2 -15.4
fwAVG=2.15
sdW=330.0
fwW=2.16
sdS=261.8
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=202.8
fwN=2.19
sdE=176.6
fwE=2.35
20250211T201941.0001.fits
SecZ=1.28
Focus=-7.168
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.041 -7.152 -5.310
T123=20.3 22.0 23.1
ALT/AZ=51.2 -15.6
fwAVG=2.24
sdW=178.4
fwW=2.21
sdS=120.7
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=295.4
fwN=2.11
sdE=329.1
fwE=2.18
20250211T202015.0001.fits
SecZ=1.28
Focus=-7.168
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.041 -7.152 -5.310
T123=20.3 22.0 23.1
ALT/AZ=51.1 -15.7
fwAVG=2.22
sdW=314.4
fwW=2.28
sdS=192.5
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=285.7
fwN=2.20
sdE=324.0
fwE=2.30
20250211T202048.0001.fits
SecZ=1.28
Focus=-7.168
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.041 -7.152 -5.310
T123=20.3 22.0 23.0
ALT/AZ=51.1 -15.7
fwAVG=2.18
sdW=339.9
fwW=2.07
sdS=211.1
fwS=2.14
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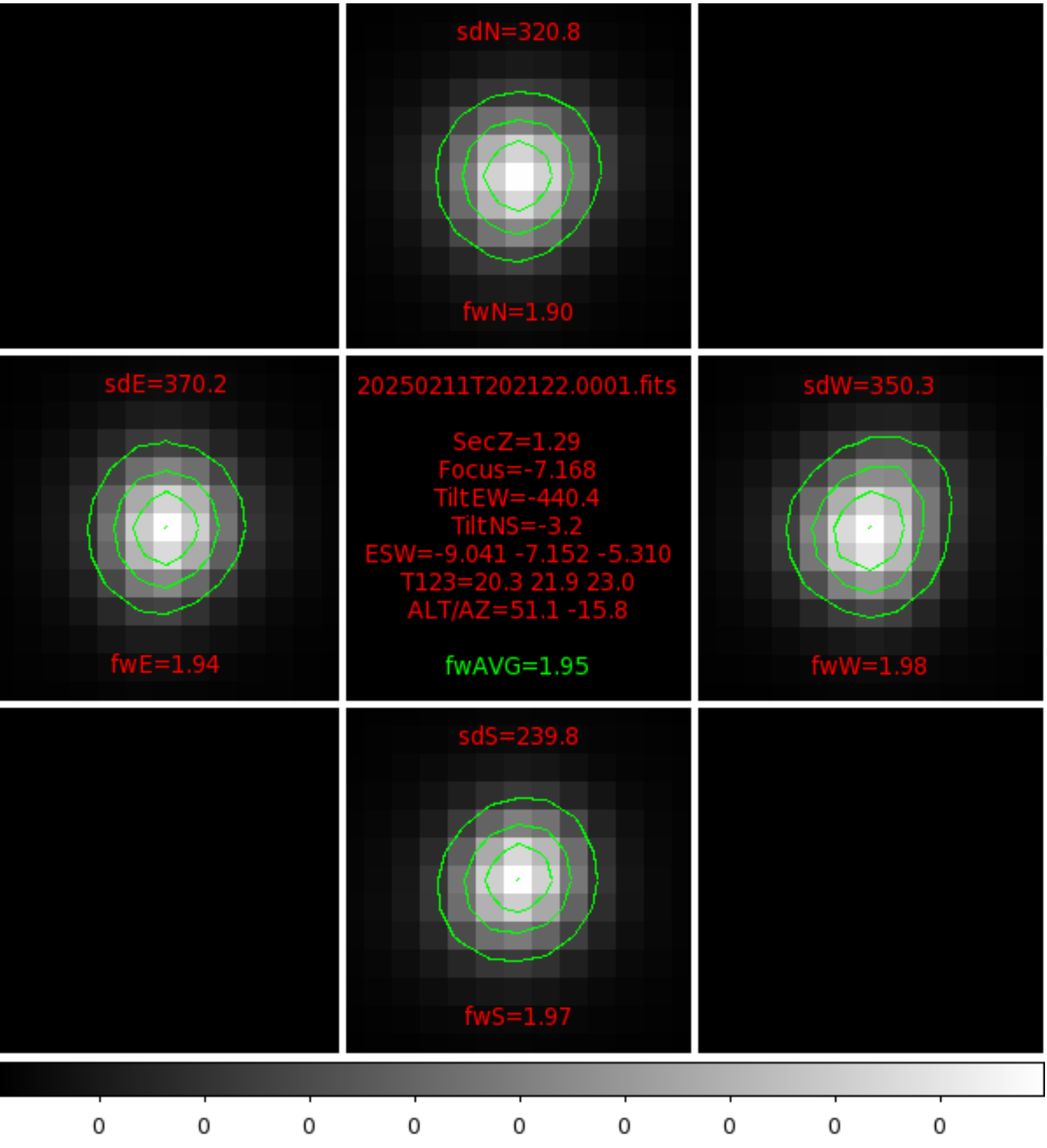
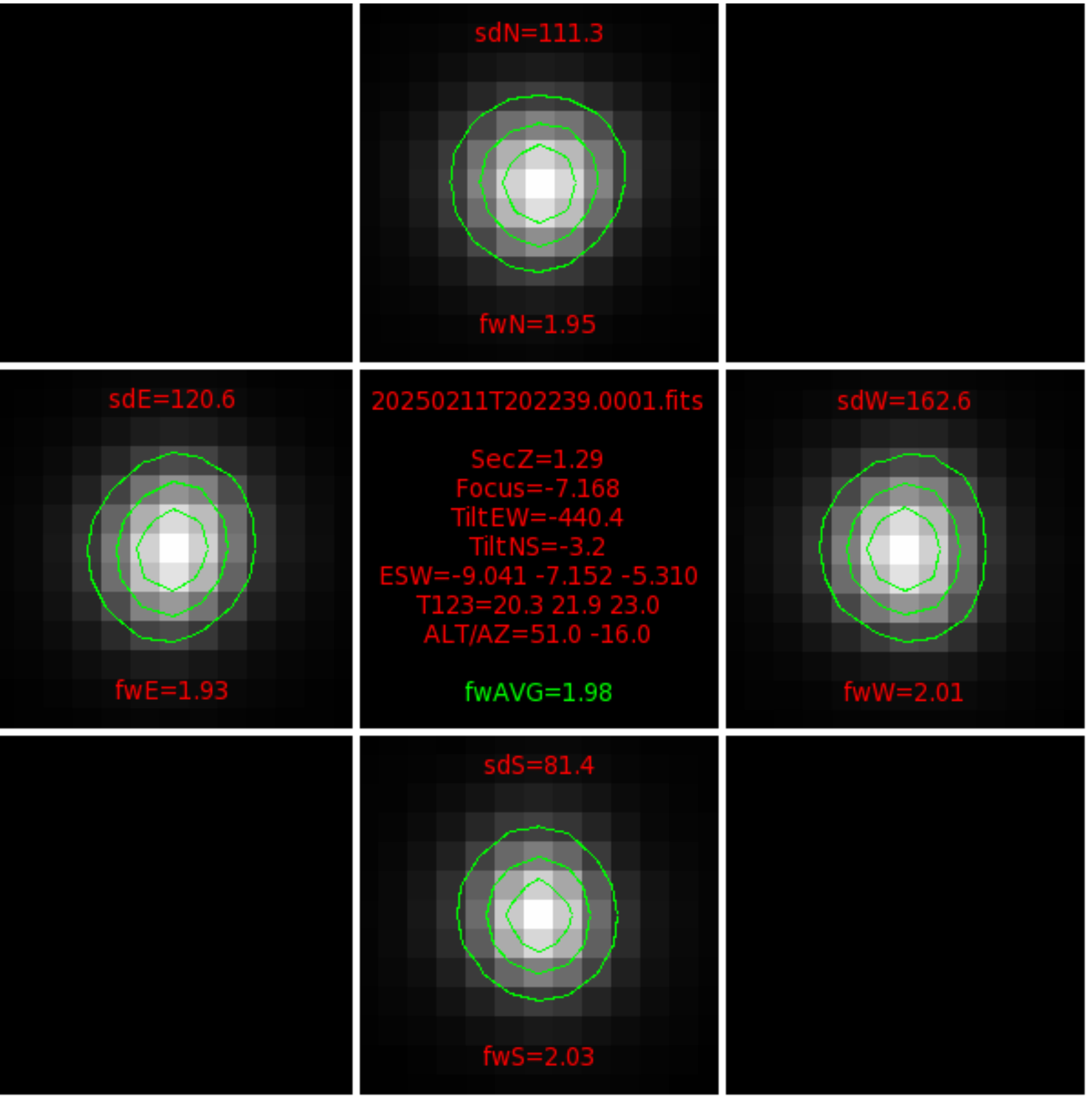
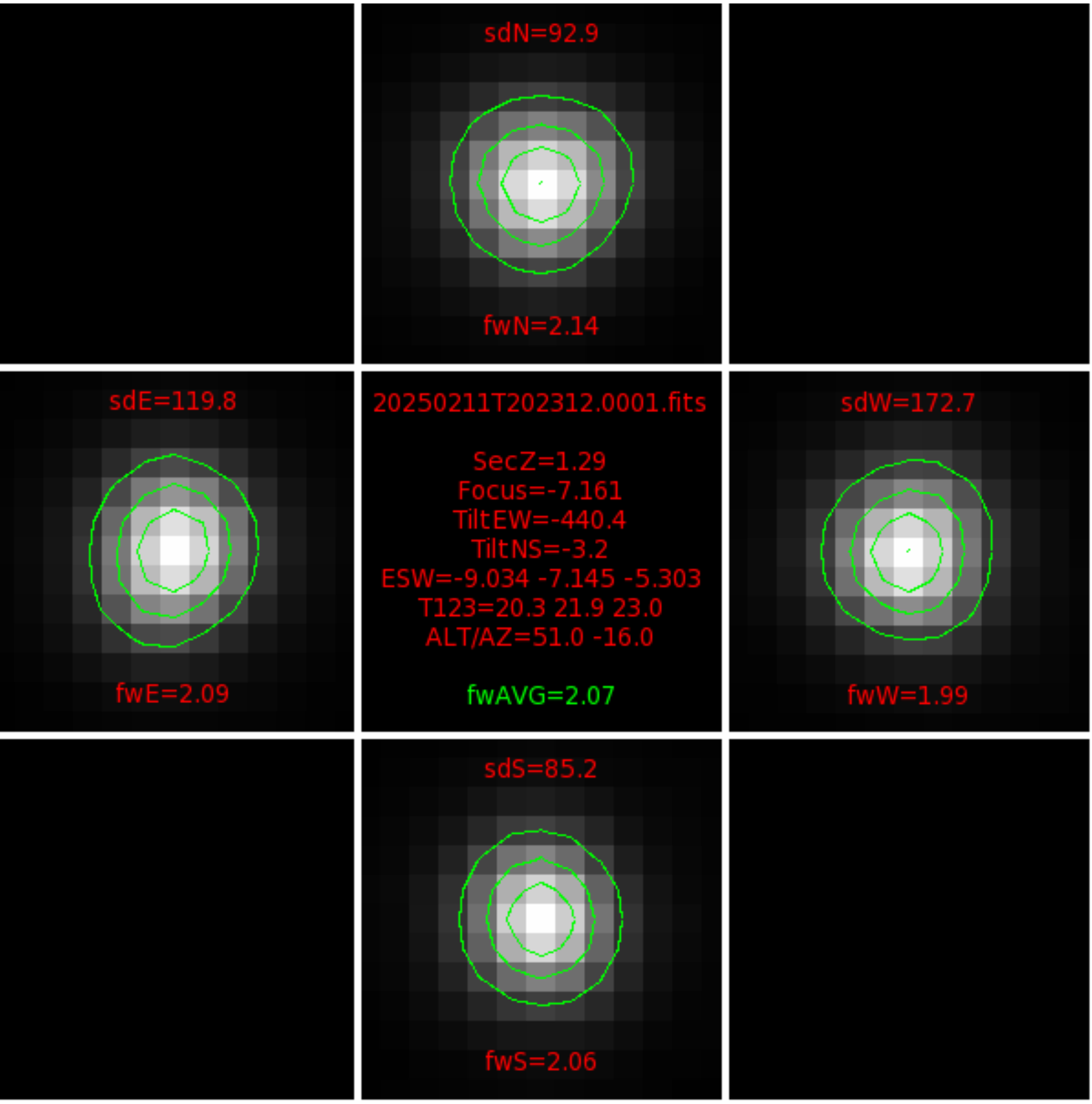
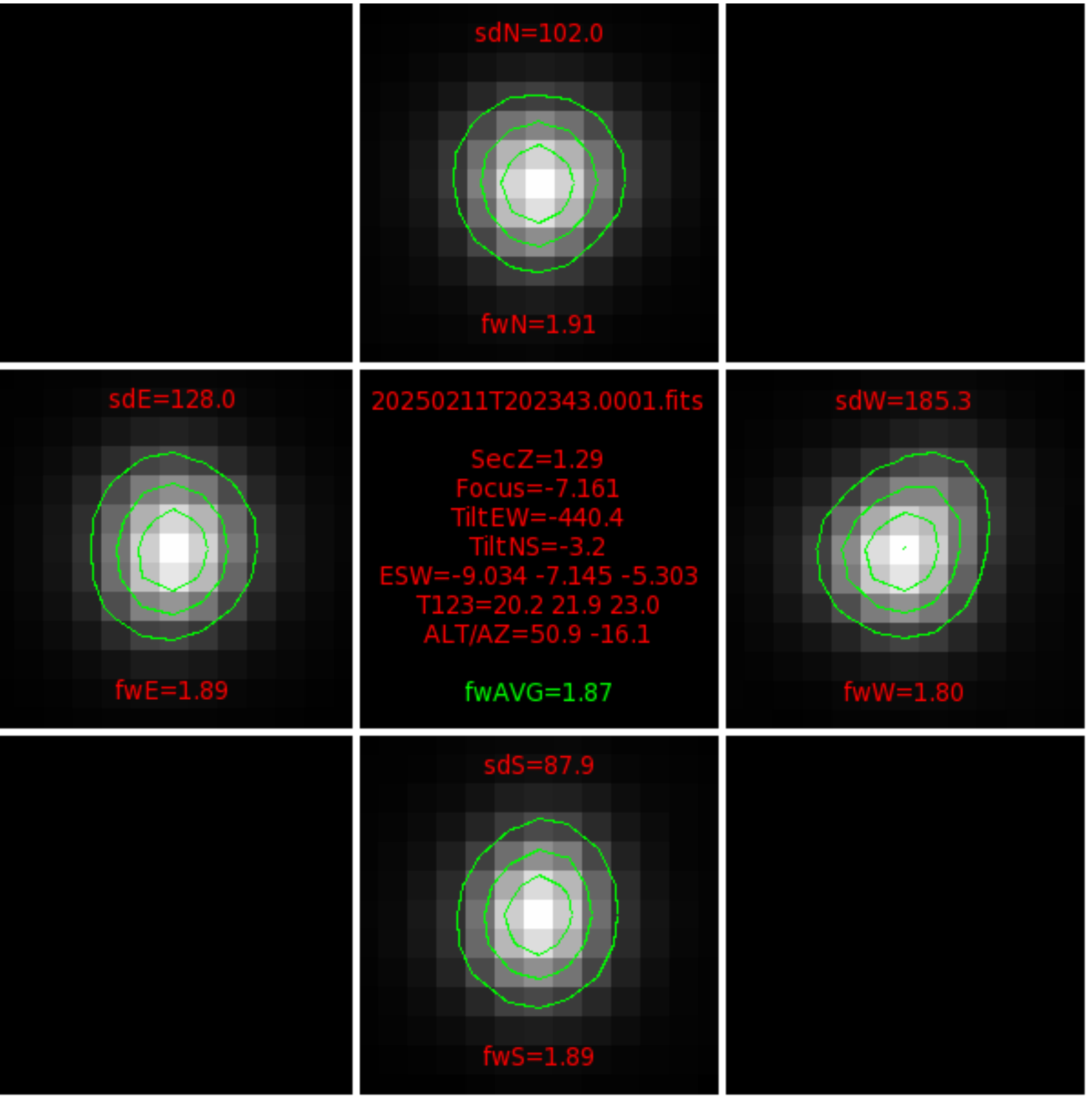
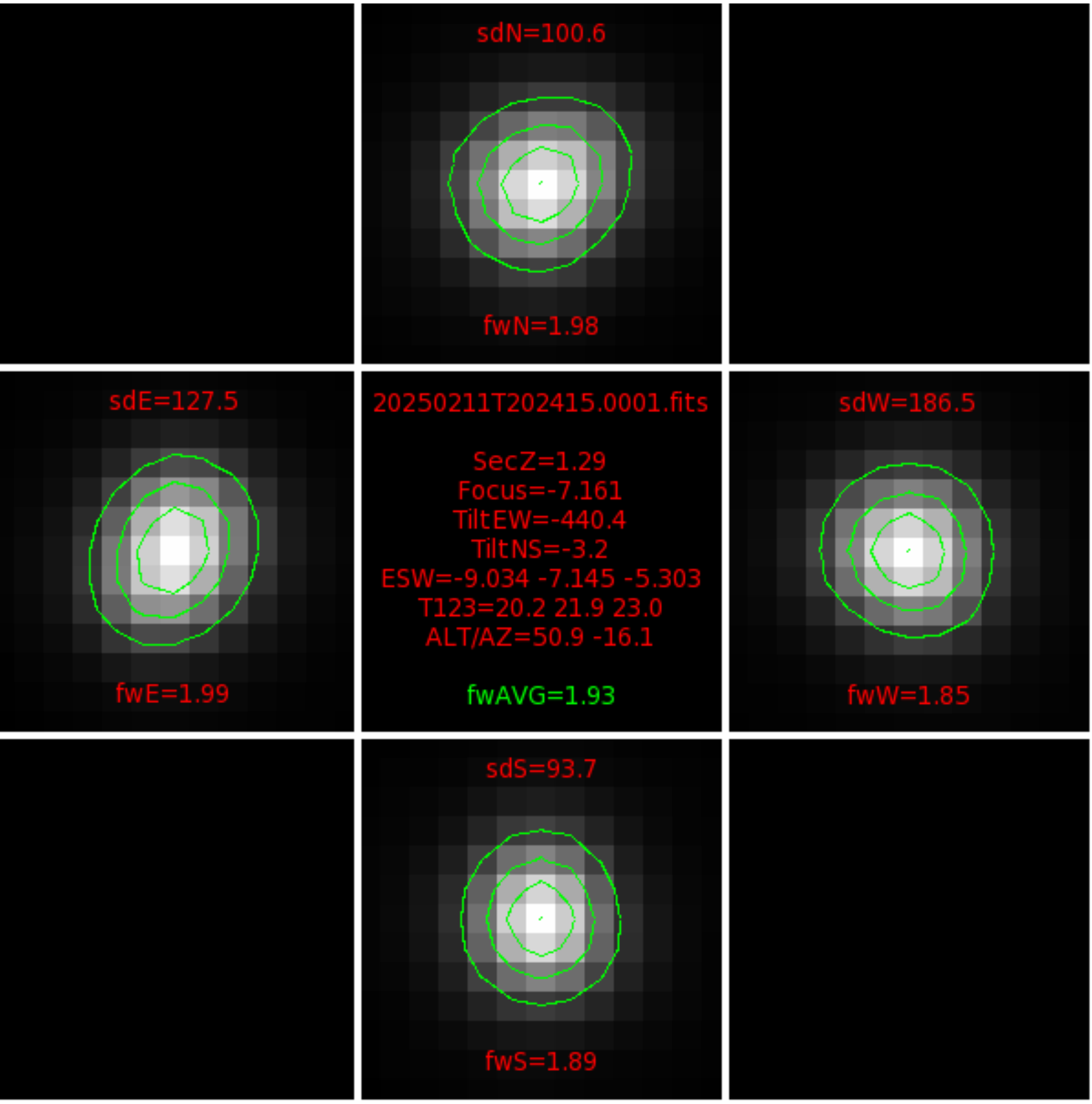
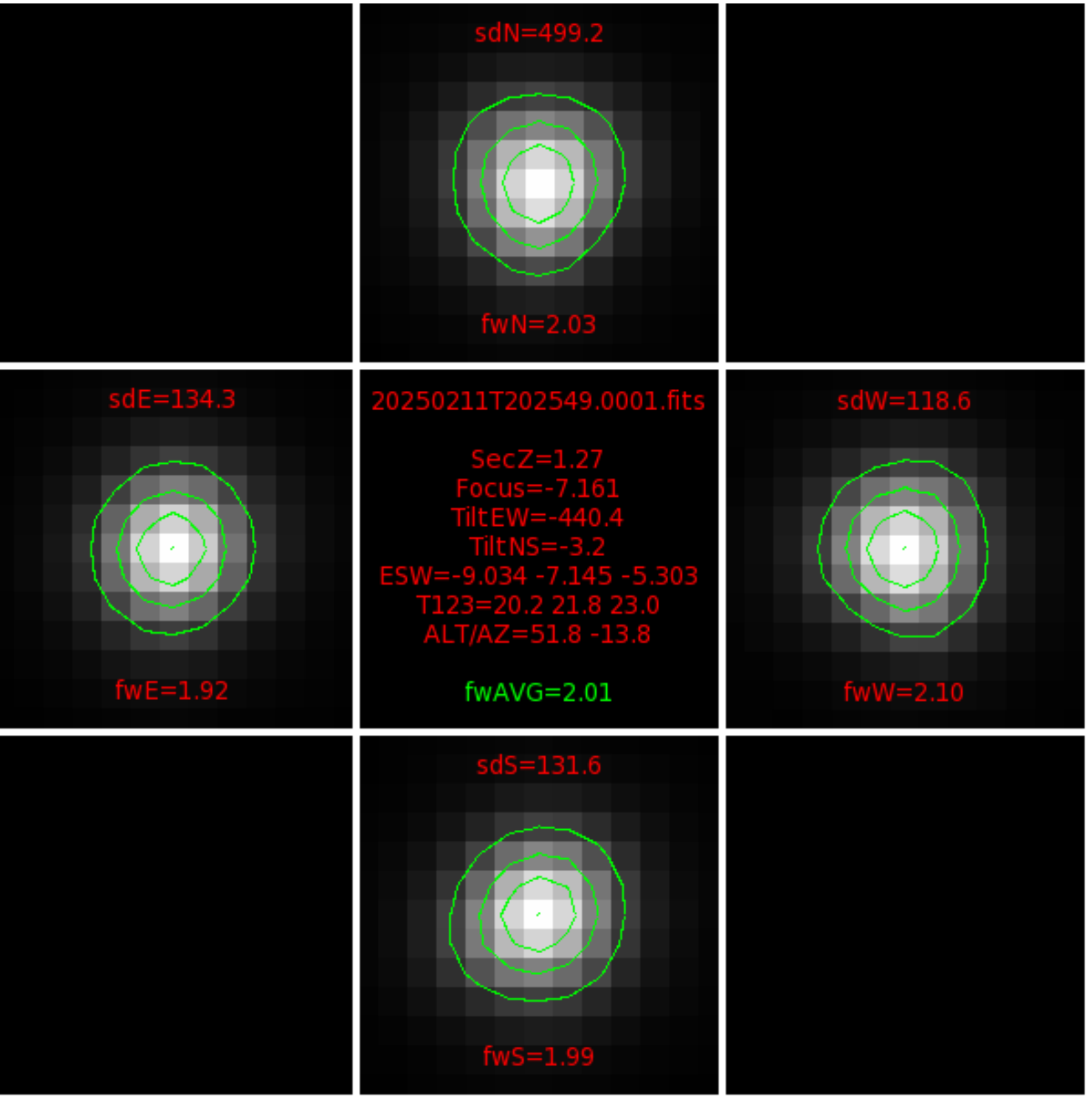

sdN=320.8
fwN=1.90
sdE=370.2
fwE=1.94
20250211T202122.0001.fits
SecZ=1.29
Focus=-7.168
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.041 -7.152 -5.310
T123=20.3 21.9 23.0
ALT/AZ=51.1 -15.8
fwAVG=1.95
sdW=350.3
fwW=1.98
sdS=239.8
fwS=1.97
0 0 0 0 0 0 0 0 0

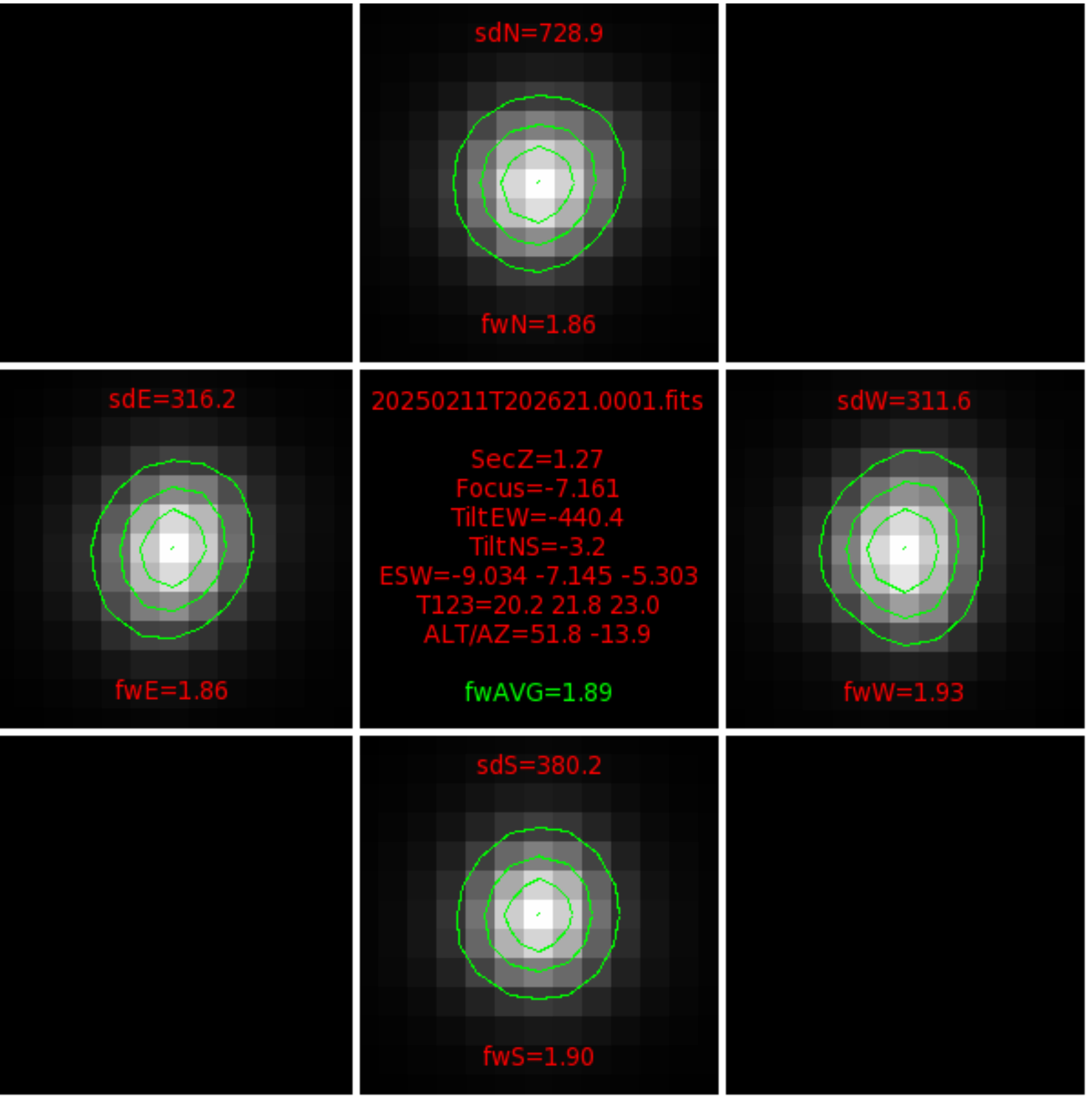

sdN=111.3
fwN=1.95
sdE=120.6
fwE=1.93
20250211T202239.0001.fits
SecZ=1.29
Focus=-7.168
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.041 -7.152 -5.310
T123=20.3 21.9 23.0
ALT/AZ=51.0 -16.0
fwAVG=1.98
sdW=162.6
fwW=2.01
sdS=81.4
fwS=2.03
0 0 0 0 0 0 0 0 0

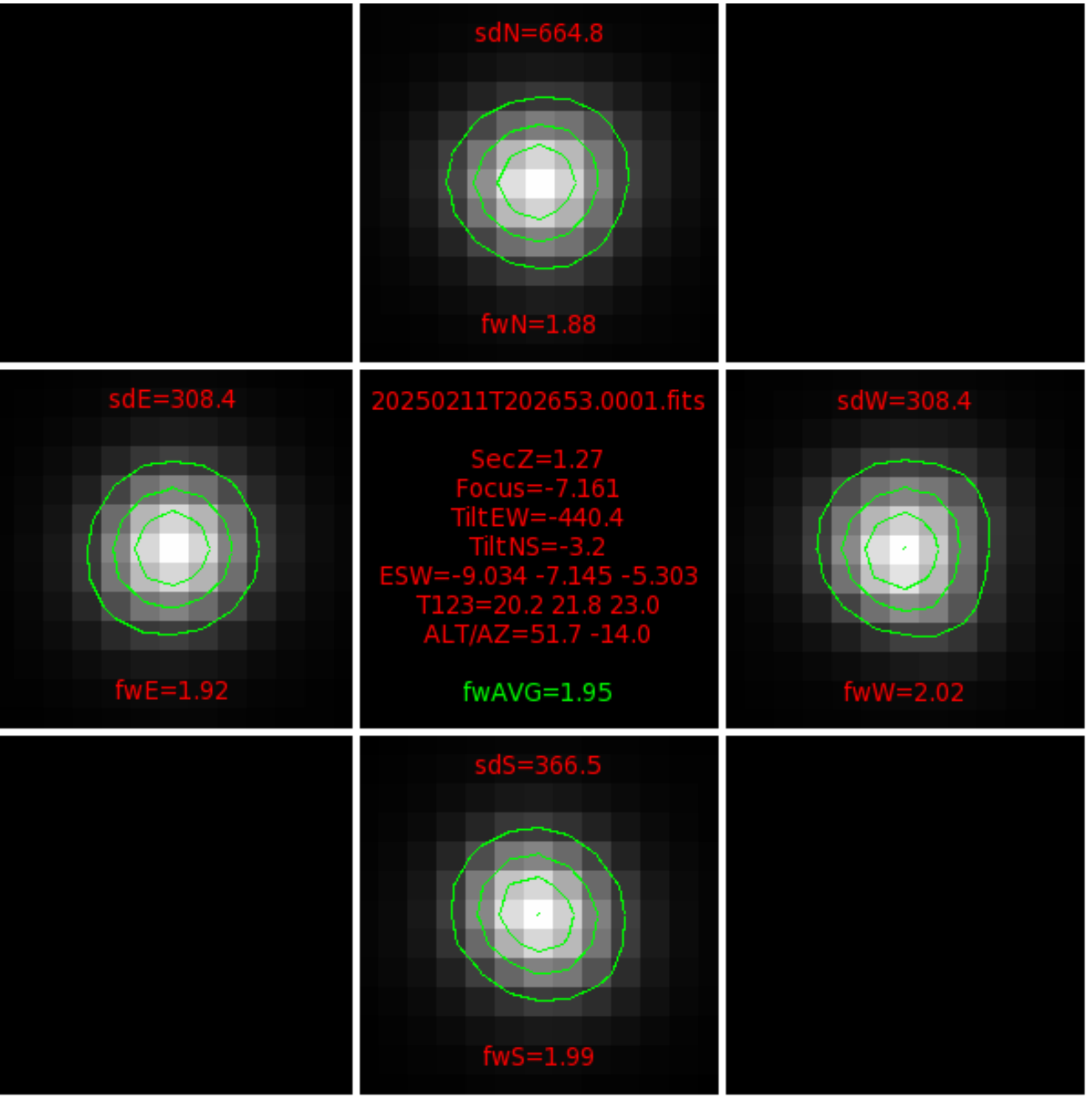

sdN=92.9
fwN=2.14
sdE=119.8
fwE=2.09
20250211T202312.0001.fits
SecZ=1.29
Focus=-7.161
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.034 -7.145 -5.303
T123=20.3 21.9 23.0
ALT/AZ=51.0 -16.0
fwAVG=2.07
sdW=172.7
fwW=1.99
sdS=85.2
fwS=2.06
0 0 0 0 0 0 0 0 0

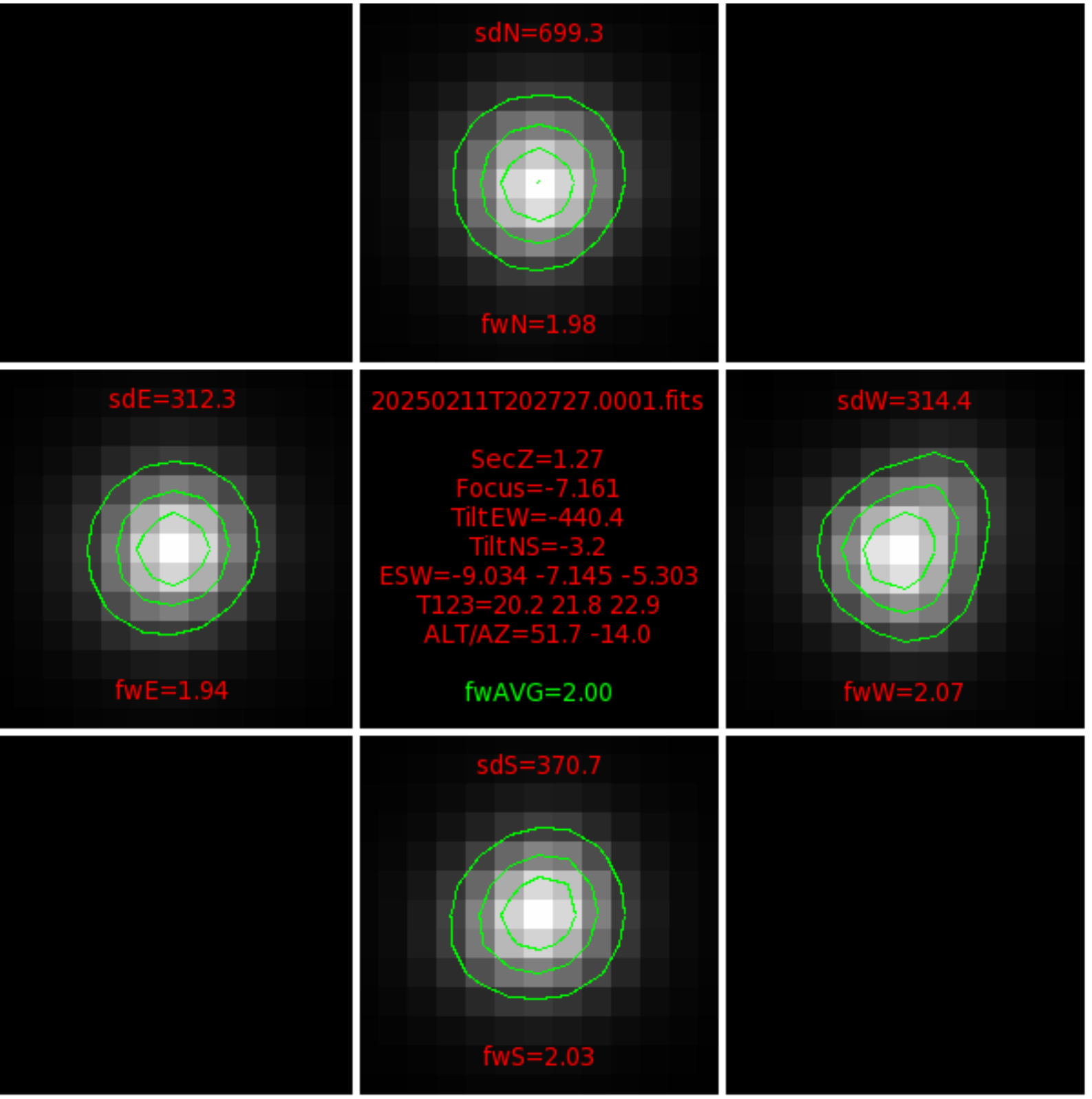

sdN=102.0
fwN=1.91
sdE=128.0
fwE=1.89
20250211T202343.0001.fits
SecZ=1.29
Focus=-7.161
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.034 -7.145 -5.303
T123=20.2 21.9 23.0
ALT/AZ=50.9 -16.1
fwAVG=1.87
sdW=185.3
fwW=1.80
sdS=87.9
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=100.6
fwN=1.98
sdE=127.5
fwE=1.99
20250211T202415.0001.fits
SecZ=1.29
Focus=-7.161
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.034 -7.145 -5.303
T123=20.2 21.9 23.0
ALT/AZ=50.9 -16.1
fwAVG=1.93
sdW=186.5
fwW=1.85
sdS=93.7
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=499.2
fwN=2.03
sdE=134.3
fwE=1.92
20250211T202549.0001.fits
SecZ=1.27
Focus=-7.161
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.034 -7.145 -5.303
T123=20.2 21.8 23.0
ALT/AZ=51.8 -13.8
fwAVG=2.01
sdW=118.6
fwW=2.10
sdS=131.6
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=728.9
fwN=1.86
sdE=316.2
fwE=1.86
20250211T202621.0001.fits
SecZ=1.27
Focus=-7.161
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.034 -7.145 -5.303
T123=20.2 21.8 23.0
ALT/AZ=51.8 -13.9
fwAVG=1.89
sdW=311.6
fwW=1.93
sdS=380.2
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=664.8
fwN=1.88
sdE=308.4
fwE=1.92
20250211T202653.0001.fits
SecZ=1.27
Focus=-7.161
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.034 -7.145 -5.303
T123=20.2 21.8 23.0
ALT/AZ=51.7 -14.0
fwAVG=1.95
sdW=308.4
fwW=2.02
sdS=366.5
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=699.3
fwN=1.98
sdE=312.3
fwE=1.94
20250211T202727.0001.fits
SecZ=1.27
Focus=-7.161
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.034 -7.145 -5.303
T123=20.2 21.8 22.9
ALT/AZ=51.7 -14.0
fwAVG=2.00
sdW=314.4
fwW=2.07
sdS=370.7
fwS=2.03
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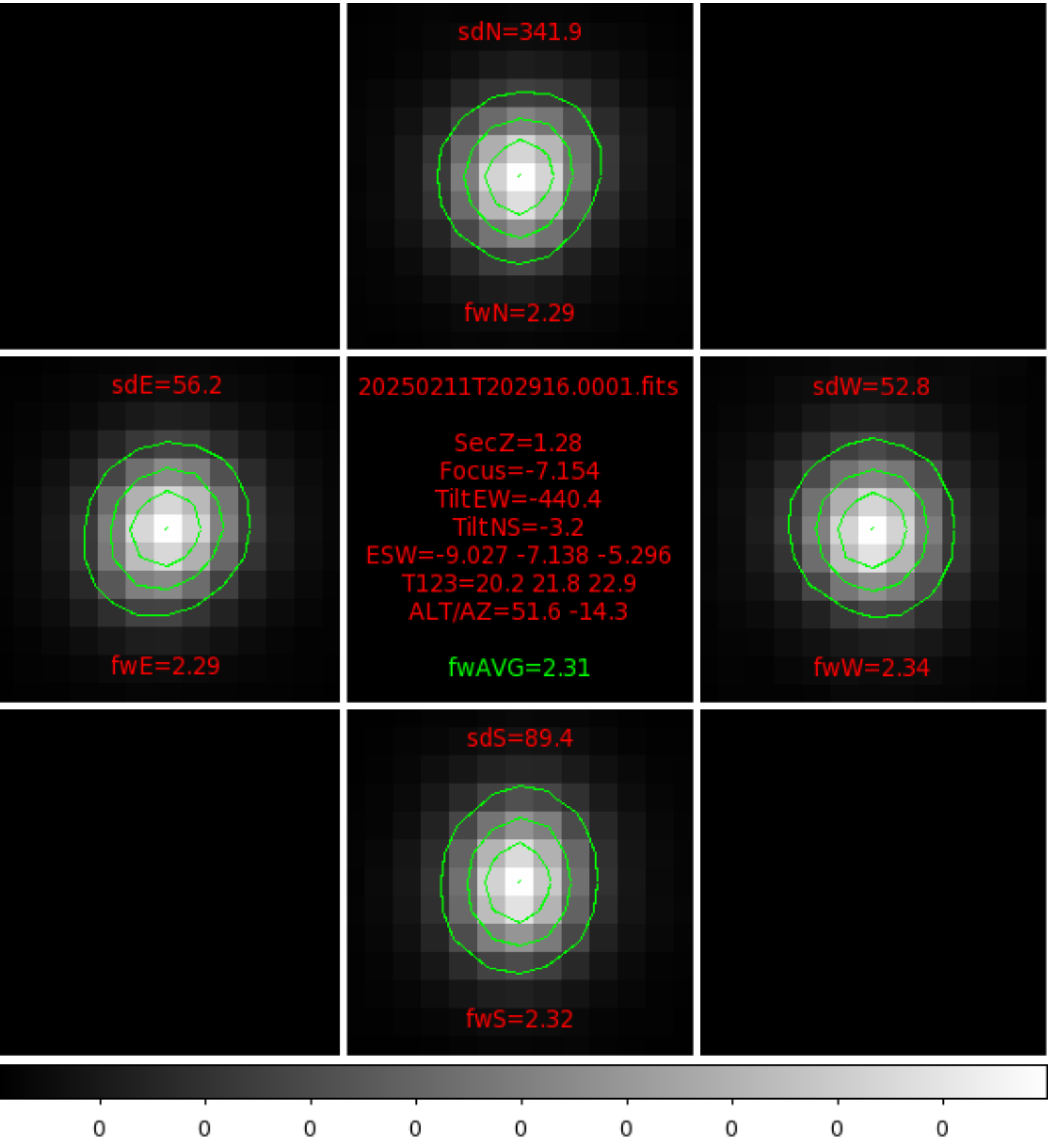
sdN=341.9
fwN=2.29
sdE=56.2
fwE=2.29
20250211T202916.0001.fits
SecZ=1.28
Focus=-7.154
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.027 -7.138 -5.296
T123=20.2 21.8 22.9
ALT/AZ=51.6 -14.3
fwAVG=2.31
sdW=52.8
fwW=2.34
sdS=89.4
fwS=2.32
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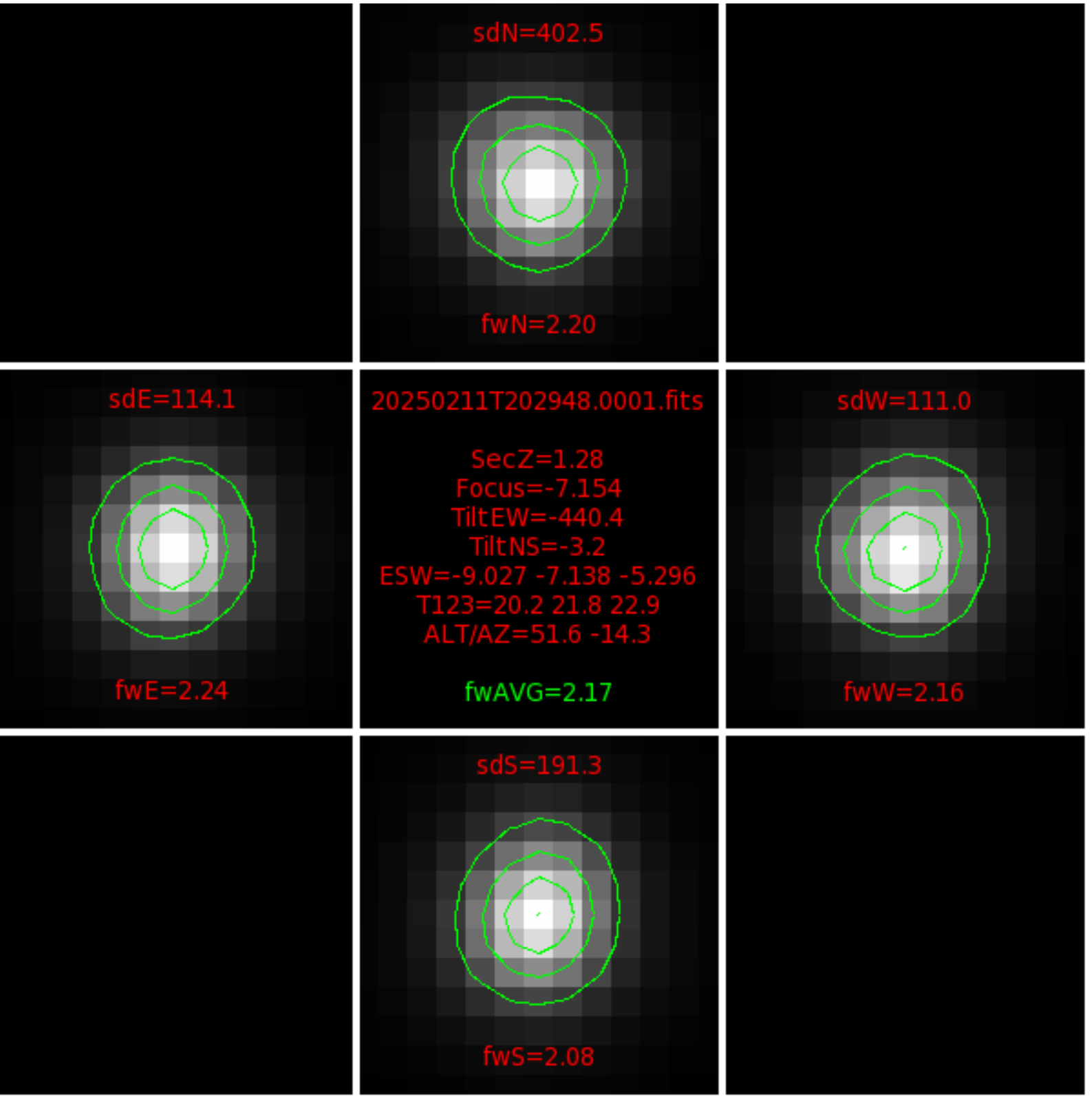
sdN=402.5
fwN=2.20
sdE=114.1
fwE=2.24
20250211T202948.0001.fits
SecZ=1.28
Focus=-7.154
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.027 -7.138 -5.296
T123=20.2 21.8 22.9
ALT/AZ=51.6 -14.3
fwAVG=2.17
sdW=111.0
fwW=2.16
sdS=191.3
fwS=2.08
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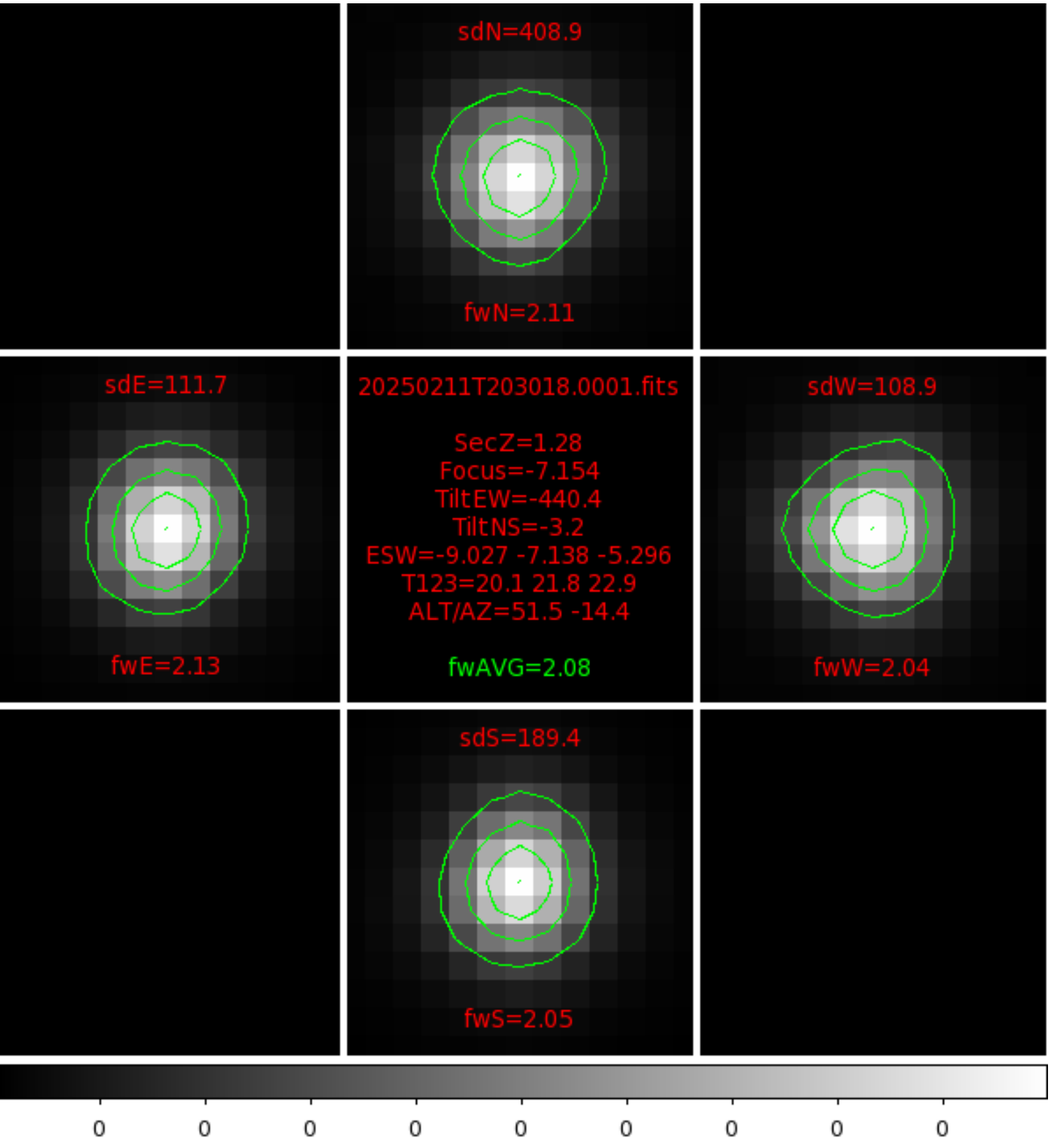
sdN=408.9
fwN=2.11
sdE=111.7
fwE=2.13
20250211T203018.0001.fits
SecZ=1.28
Focus=-7.154
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.027 -7.138 -5.296
T123=20.1 21.8 22.9
ALT/AZ=51.5 -14.4
fwAVG=2.08
sdW=108.9
fwW=2.04
sdS=189.4
fwS=2.05
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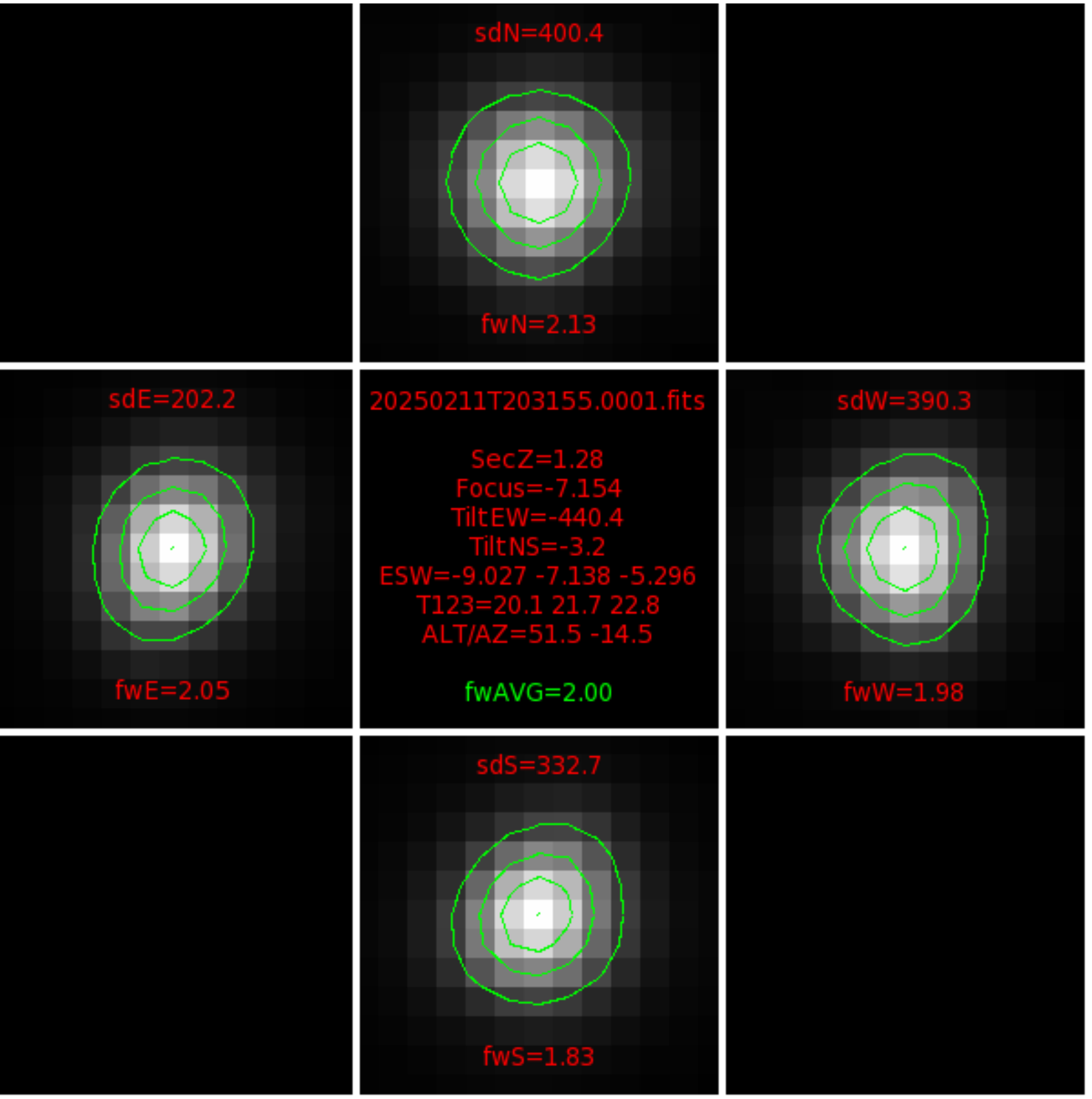
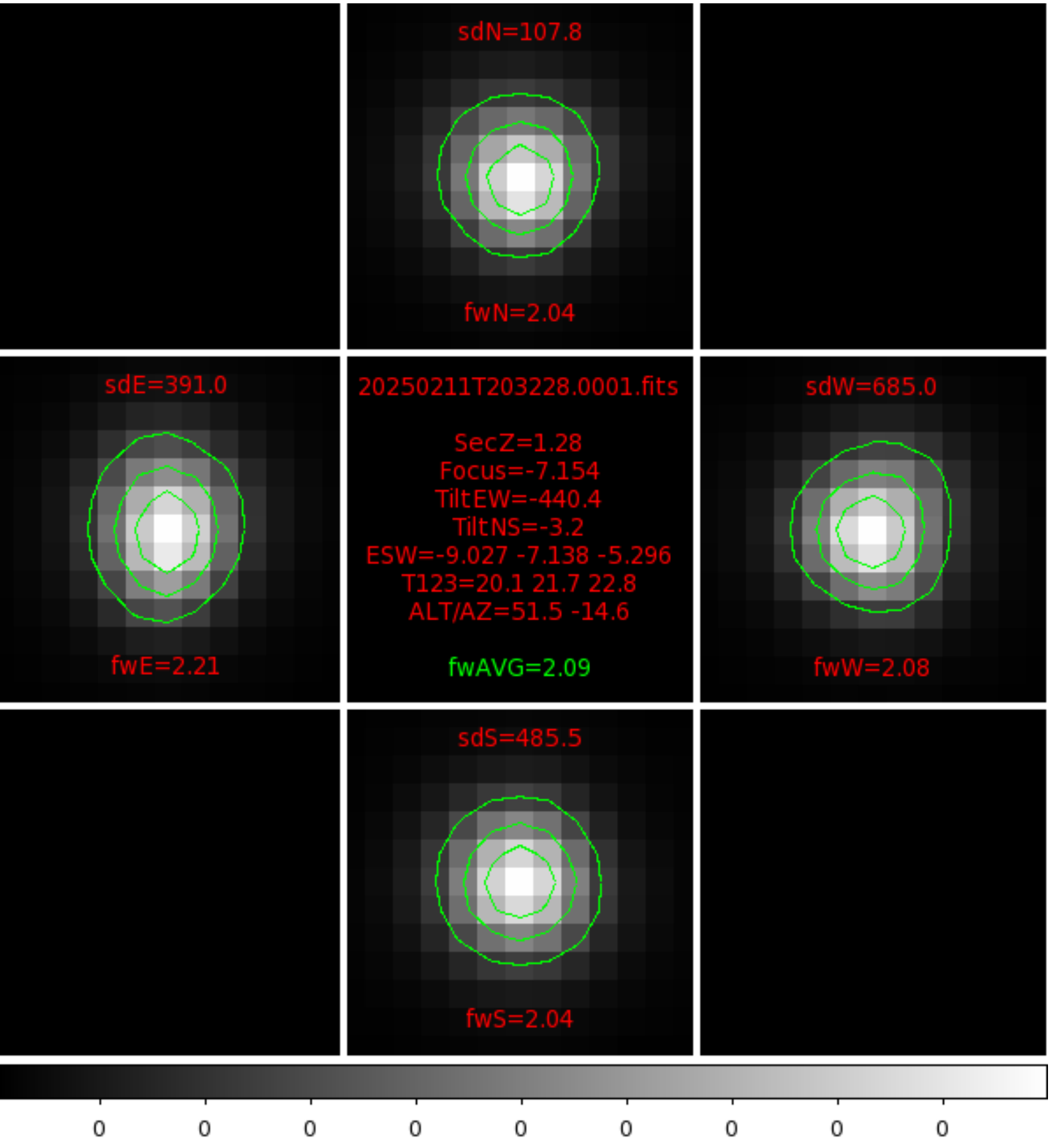
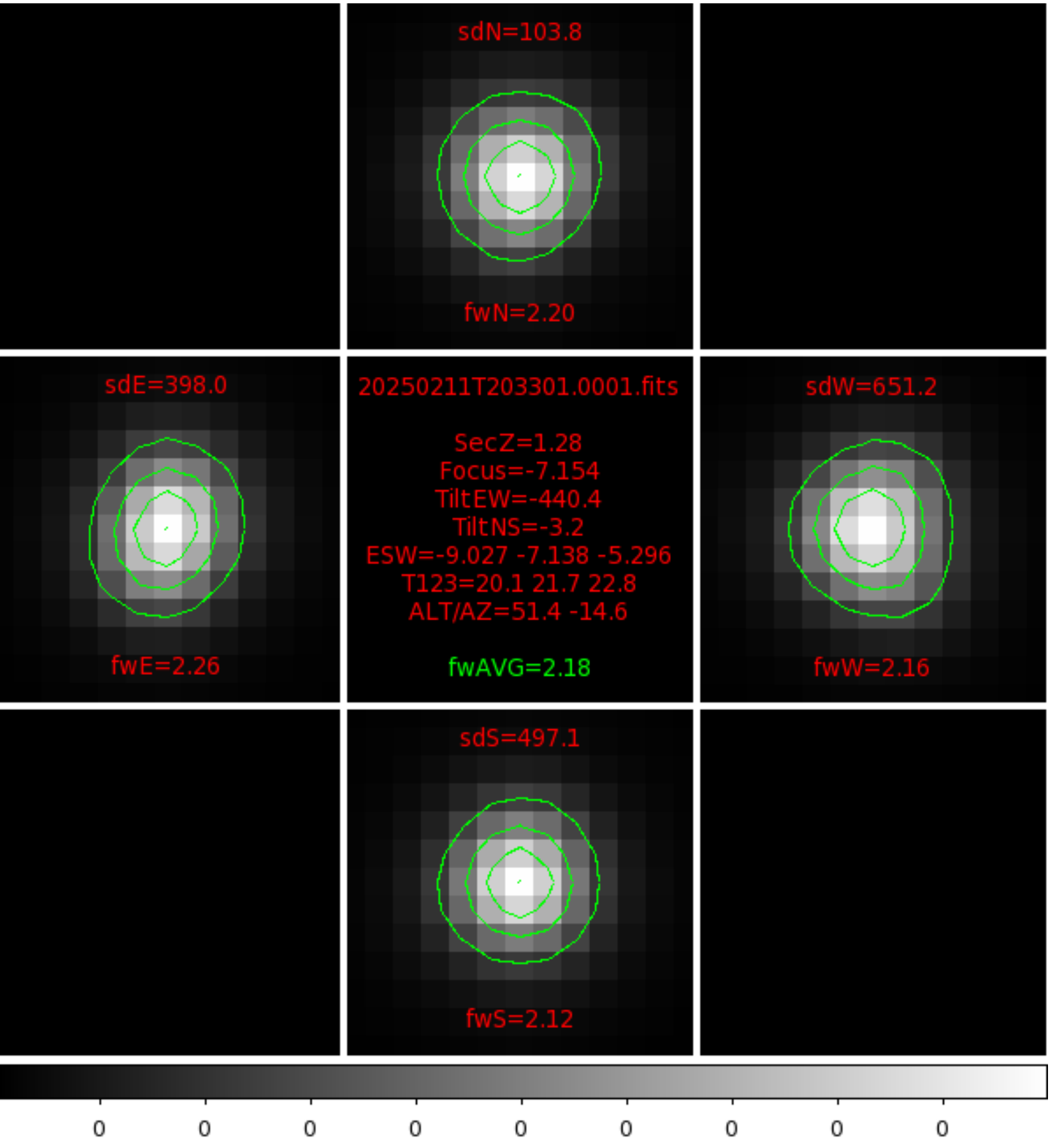
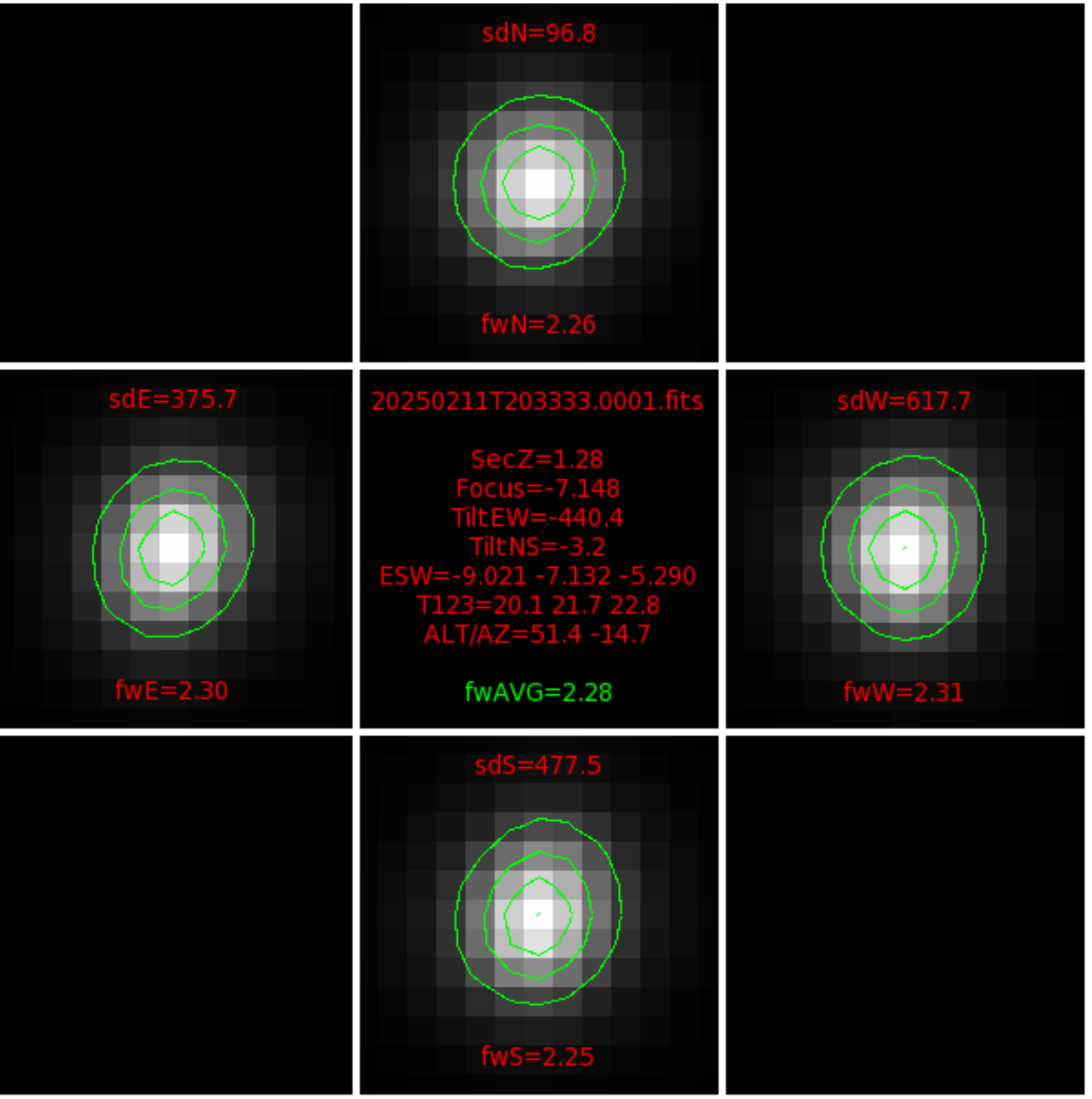
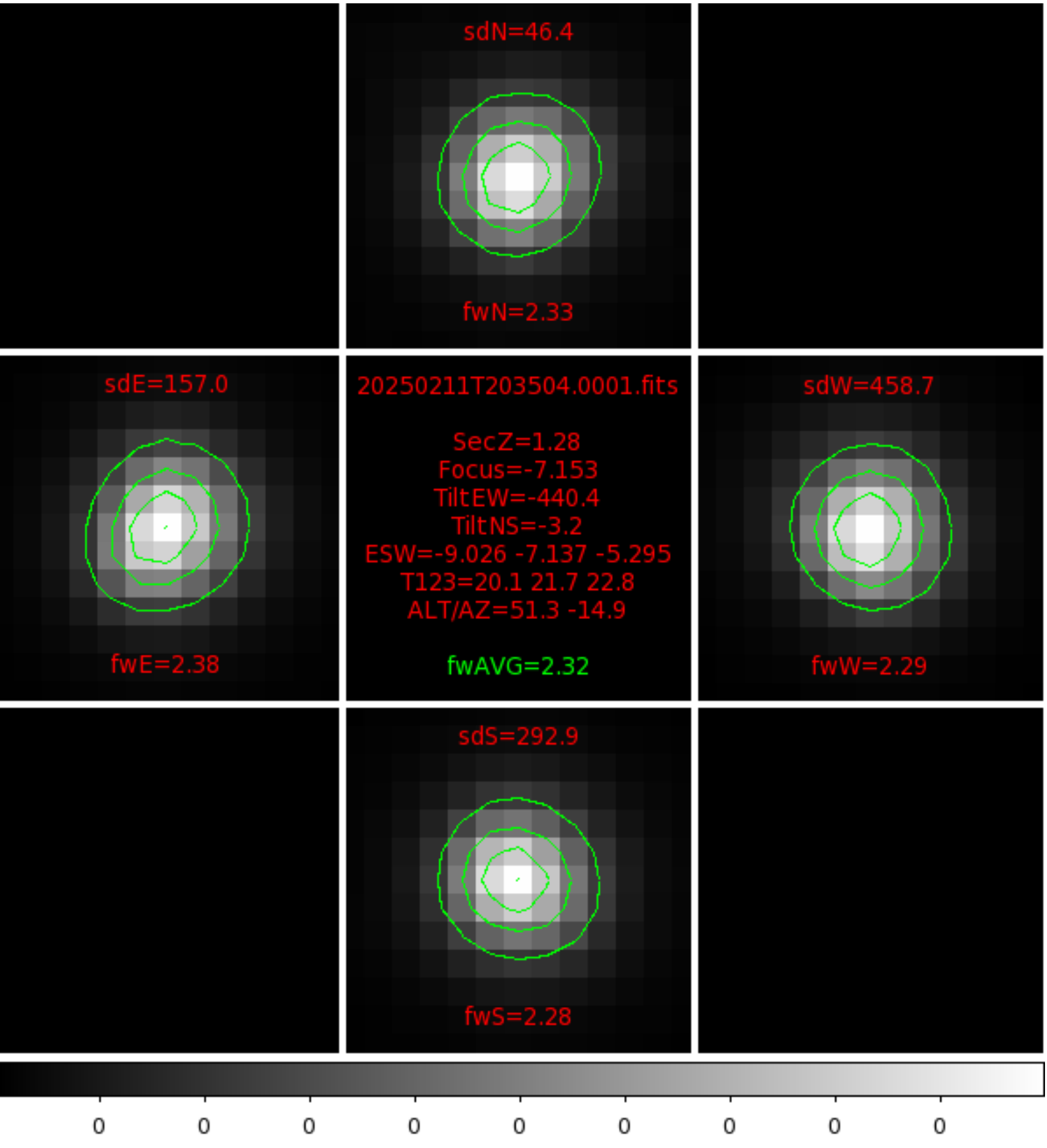
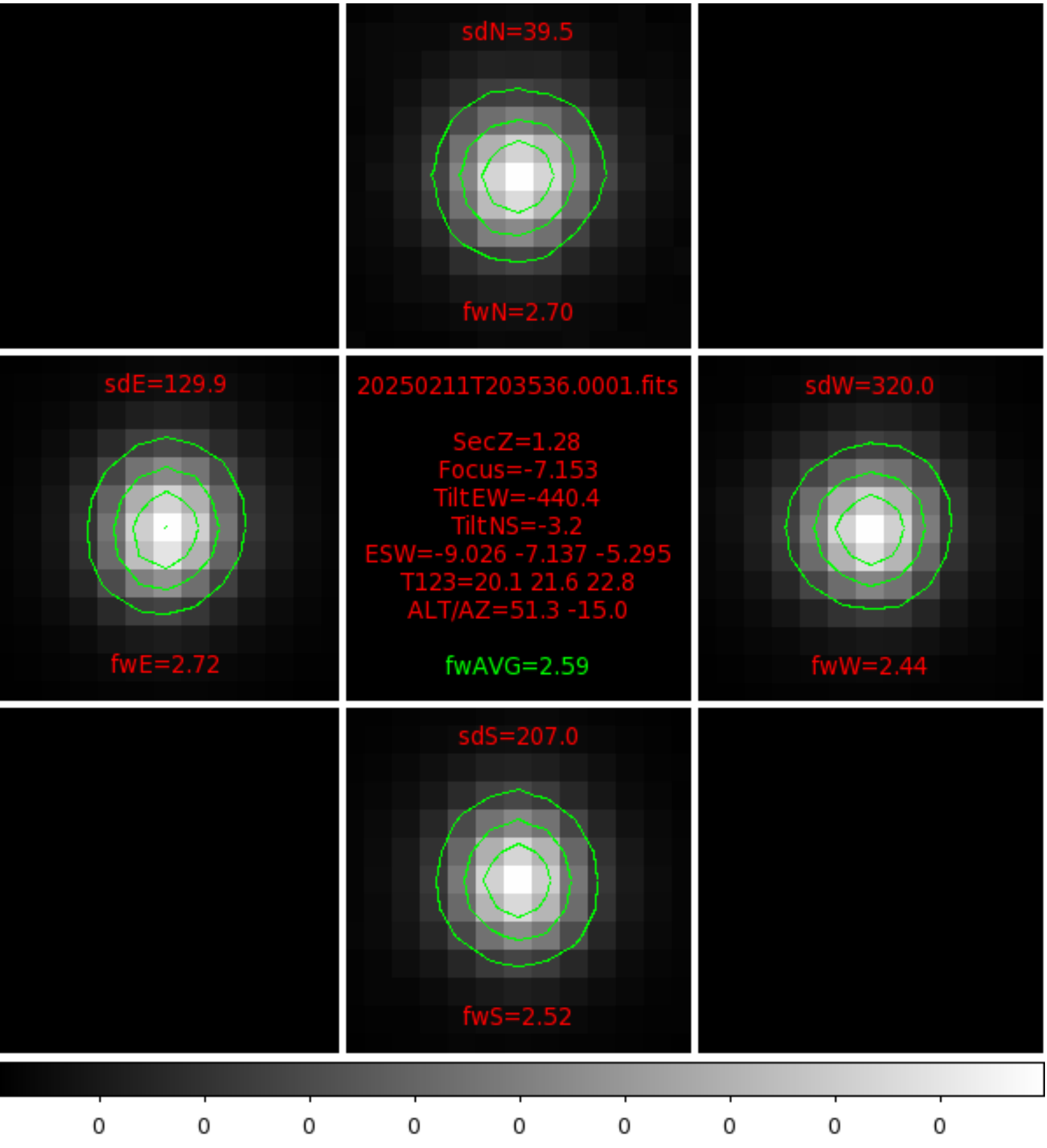

sdN=400.4
fwN=2.13
sdE=202.2
fwE=2.05
20250211T203155.0001.fits
SecZ=1.28
Focus=-7.154
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.027 -7.138 -5.296
T123=20.1 21.7 22.8
ALT/AZ=51.5 -14.5
fwAVG=2.00
sdW=390.3
fwW=1.98
sdS=332.7
fwS=1.83
0 0 0 0 0 0 0 0 0

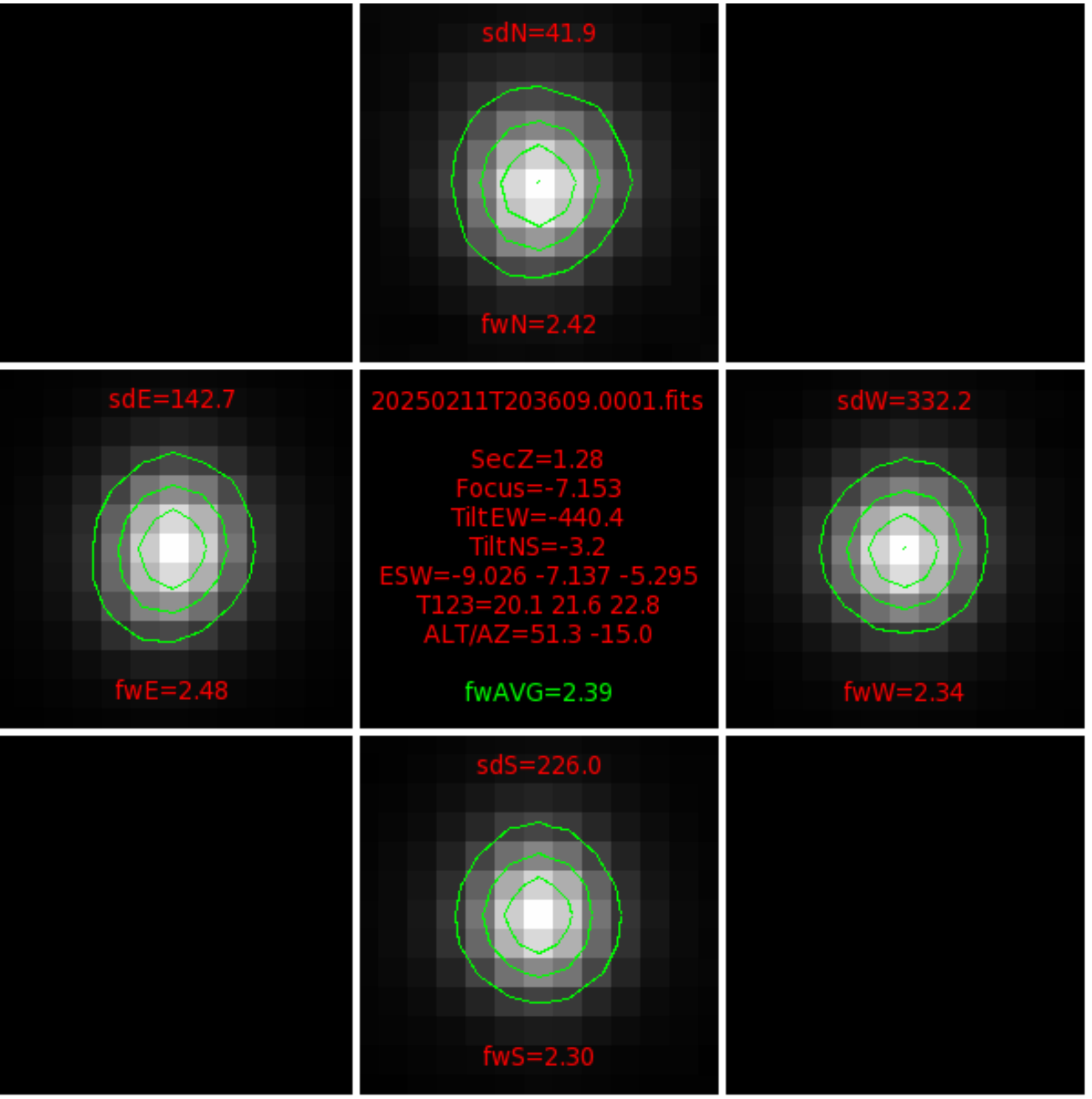

sdN=107.8
fwN=2.04
sdE=391.0
fwE=2.21
20250211T203228.0001.fits
SecZ=1.28
Focus=-7.154
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.027 -7.138 -5.296
T123=20.1 21.7 22.8
ALT/AZ=51.5 -14.6
fwAVG=2.09
sdW=685.0
fwW=2.08
sdS=485.5
fwS=2.04
0 0 0 0 0 0 0 0 0

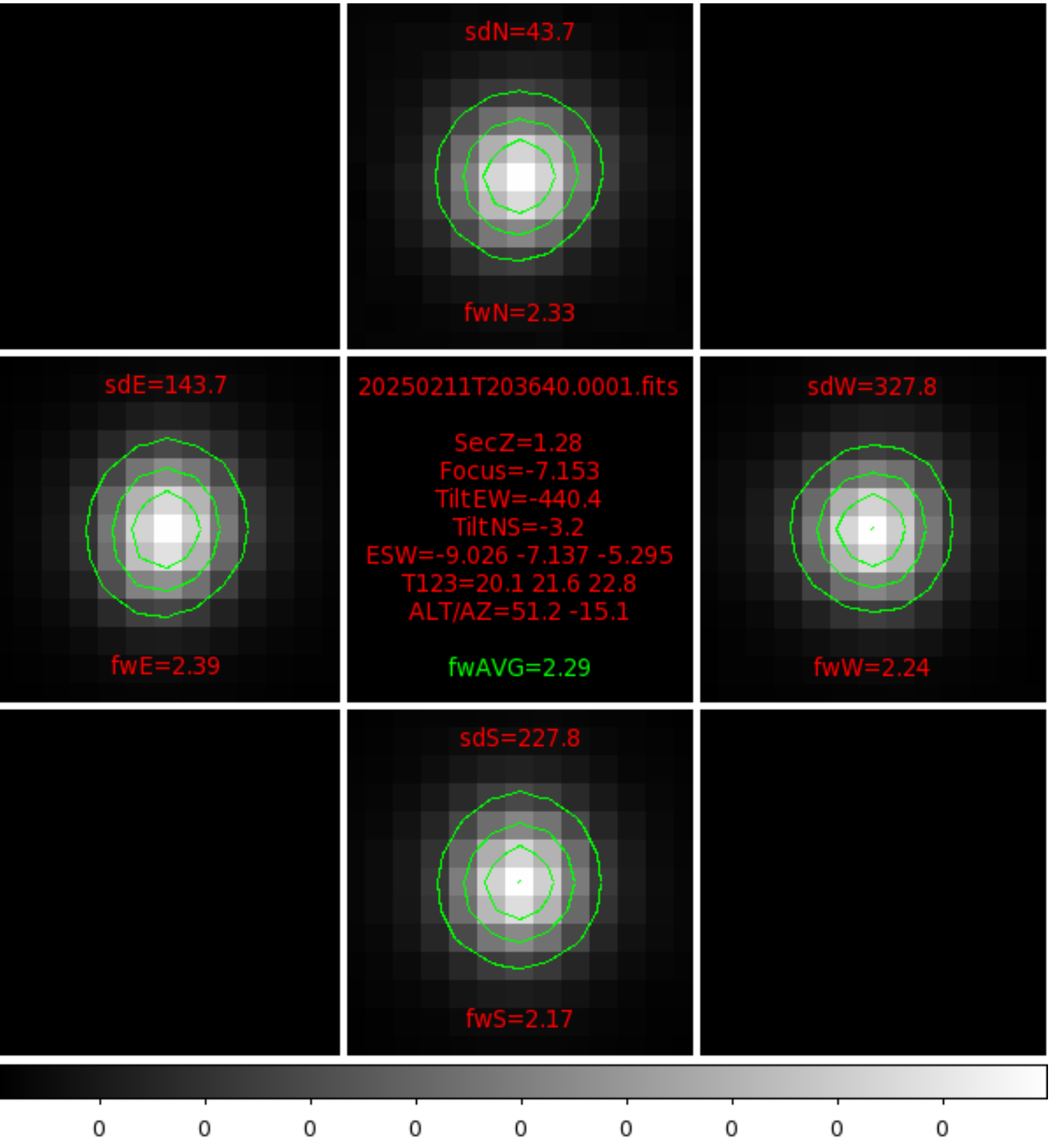

sdN=103.8
fwN=2.20
sdE=398.0
fwE=2.26
20250211T203301.0001.fits
SecZ=1.28
Focus=-7.154
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.027 -7.138 -5.296
T123=20.1 21.7 22.8
ALT/AZ=51.4 -14.6
fwAVG=2.18
sdW=651.2
fwW=2.16
sdS=497.1
fwS=2.12
0 0 0 0 0 0 0 0 0

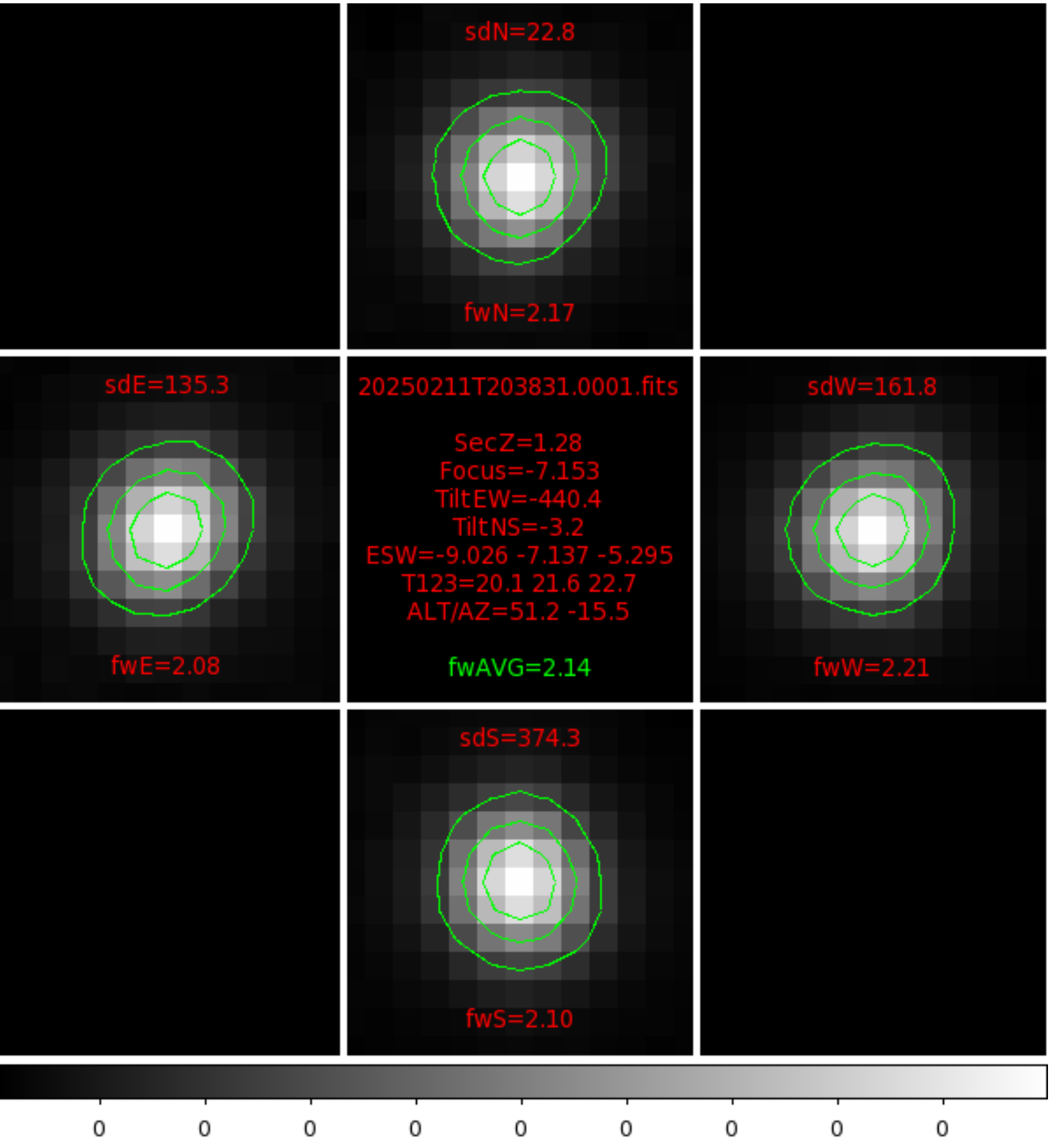

sdN=96.8
fwN=2.26
sdE=375.7
fwE=2.30
20250211T203333.0001.fits
SecZ=1.28
Focus=-7.148
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.021 -7.132 -5.290
T123=20.1 21.7 22.8
ALT/AZ=51.4 -14.7
fwAVG=2.28
sdW=617.7
fwW=2.31
sdS=477.5
fwS=2.25
0 0 0 0 0 0 0 0 0

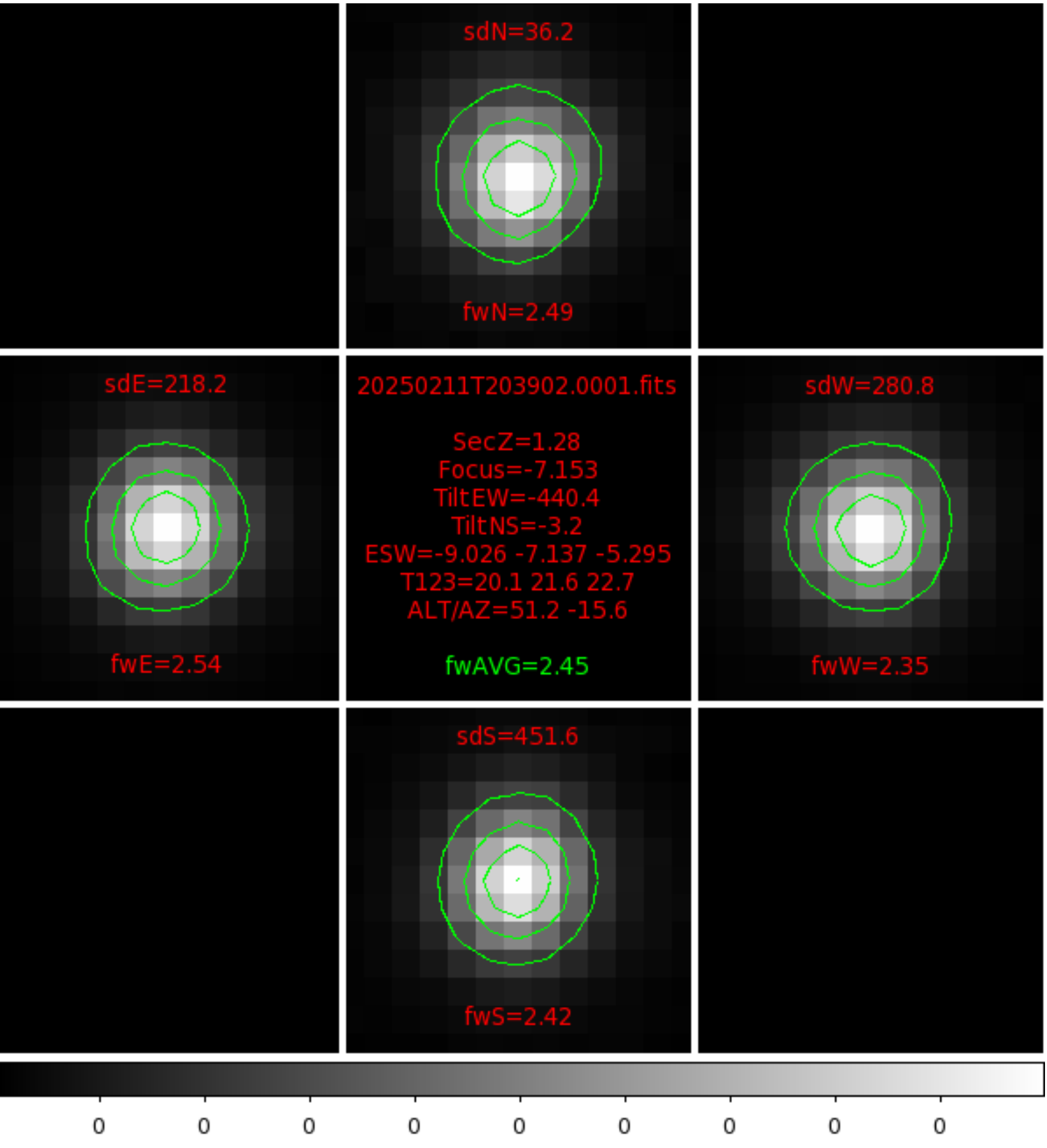

sdN=46.4
fwN=2.33
sdE=157.0
fwE=2.38
20250211T203504.0001.fits
SecZ=1.28
Focus=-7.153
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.026 -7.137 -5.295
T123=20.1 21.7 22.8
ALT/AZ=51.3 -14.9
fwAVG=2.32
sdW=458.7
fwW=2.29
sdS=292.9
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=39.5
fwN=2.70
sdE=129.9
fwE=2.72
20250211T203536.0001.fits
SecZ=1.28
Focus=-7.153
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.026 -7.137 -5.295
T123=20.1 21.6 22.8
ALT/AZ=51.3 -15.0
fwAVG=2.59
sdW=320.0
fwW=2.44
sdS=207.0
fwS=2.52
0 0 0 0 0 0 0 0 0


sdN=41.9
fwN=2.42
sdE=142.7
fwE=2.48
20250211T203609.0001.fits
SecZ=1.28
Focus=-7.153
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.026 -7.137 -5.295
T123=20.1 21.6 22.8
ALT/AZ=51.3 -15.0
fwAVG=2.39
sdW=332.2
fwW=2.34
sdS=226.0
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=43.7
fwN=2.33
sdE=143.7
fwE=2.39
20250211T203640.0001.fits
SecZ=1.28
Focus=-7.153
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.026 -7.137 -5.295
T123=20.1 21.6 22.8
ALT/AZ=51.2 -15.1
fwAVG=2.29
sdW=327.8
fwW=2.24
sdS=227.8
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=22.8
fwN=2.17
sdE=135.3
fwE=2.08
20250211T203831.0001.fits
SecZ=1.28
Focus=-7.153
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.026 -7.137 -5.295
T123=20.1 21.6 22.7
ALT/AZ=51.2 -15.5
fwAVG=2.14
sdW=161.8
fwW=2.21
sdS=374.3
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=36.2
fwN=2.49
sdE=218.2
fwE=2.54
20250211T203902.0001.fits
SecZ=1.28
Focus=-7.153
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.026 -7.137 -5.295
T123=20.1 21.6 22.7
ALT/AZ=51.2 -15.6
fwAVG=2.45
sdW=280.8
fwW=2.35
sdS=451.6
fwS=2.42
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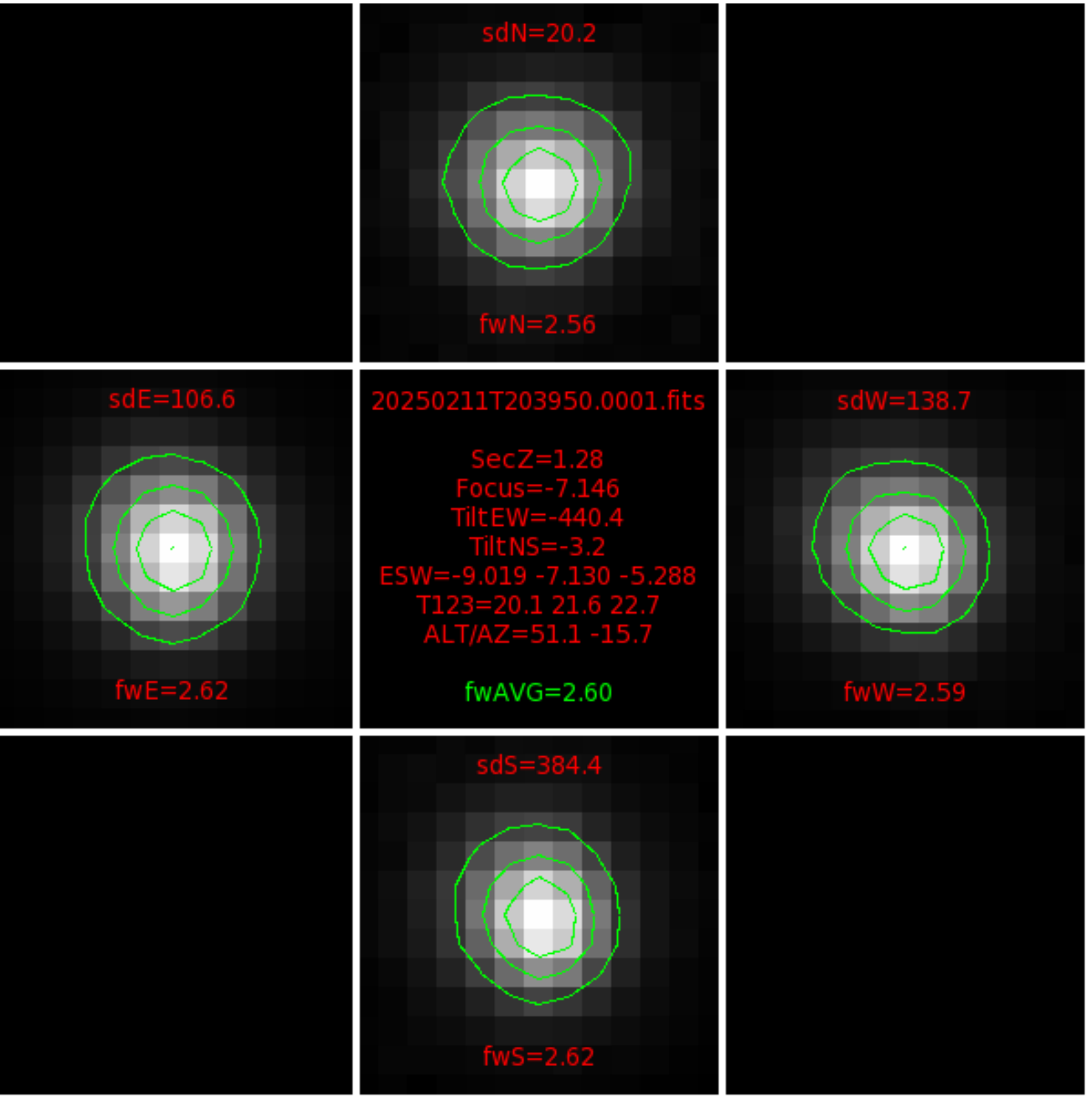
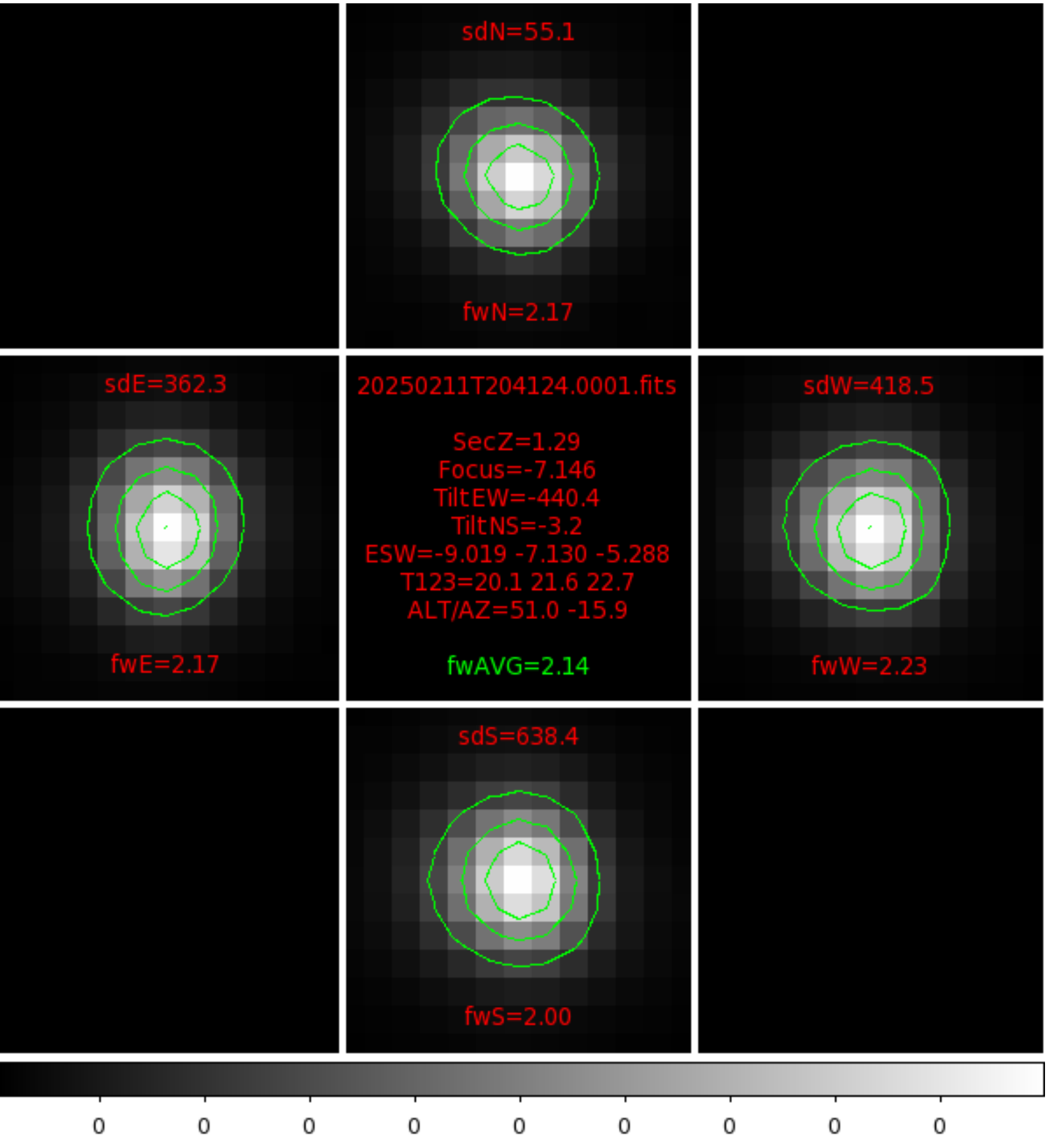
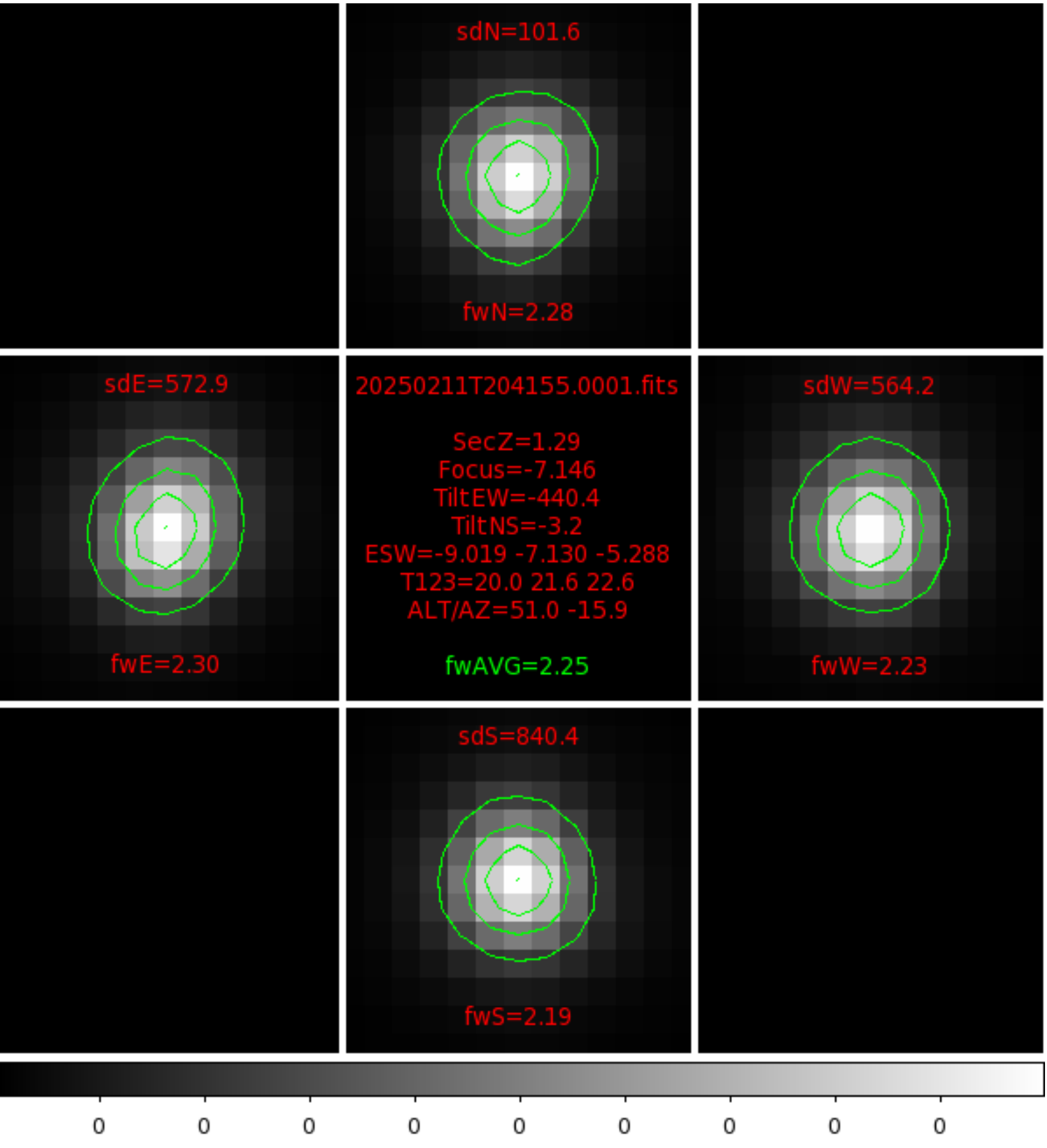
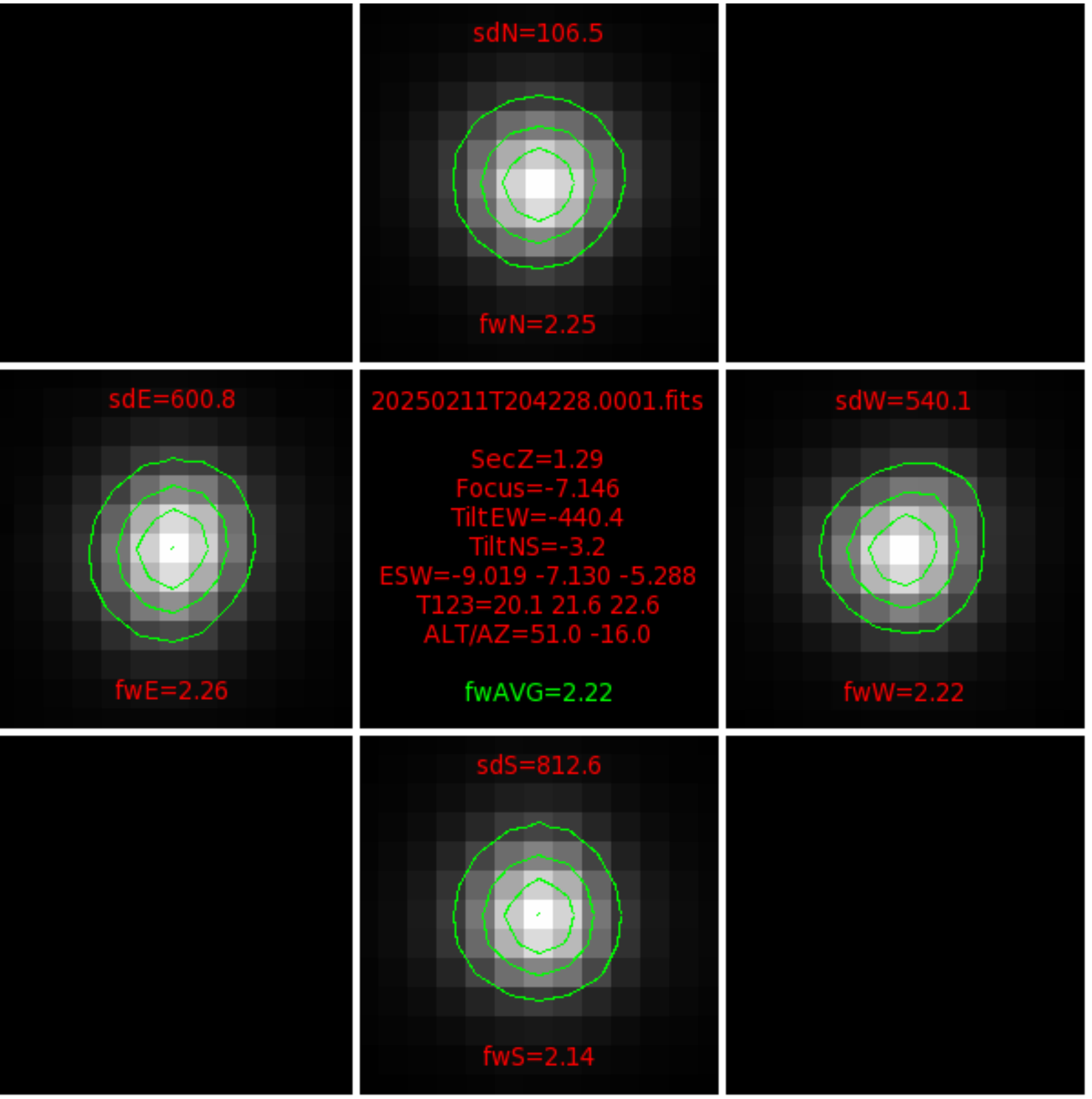
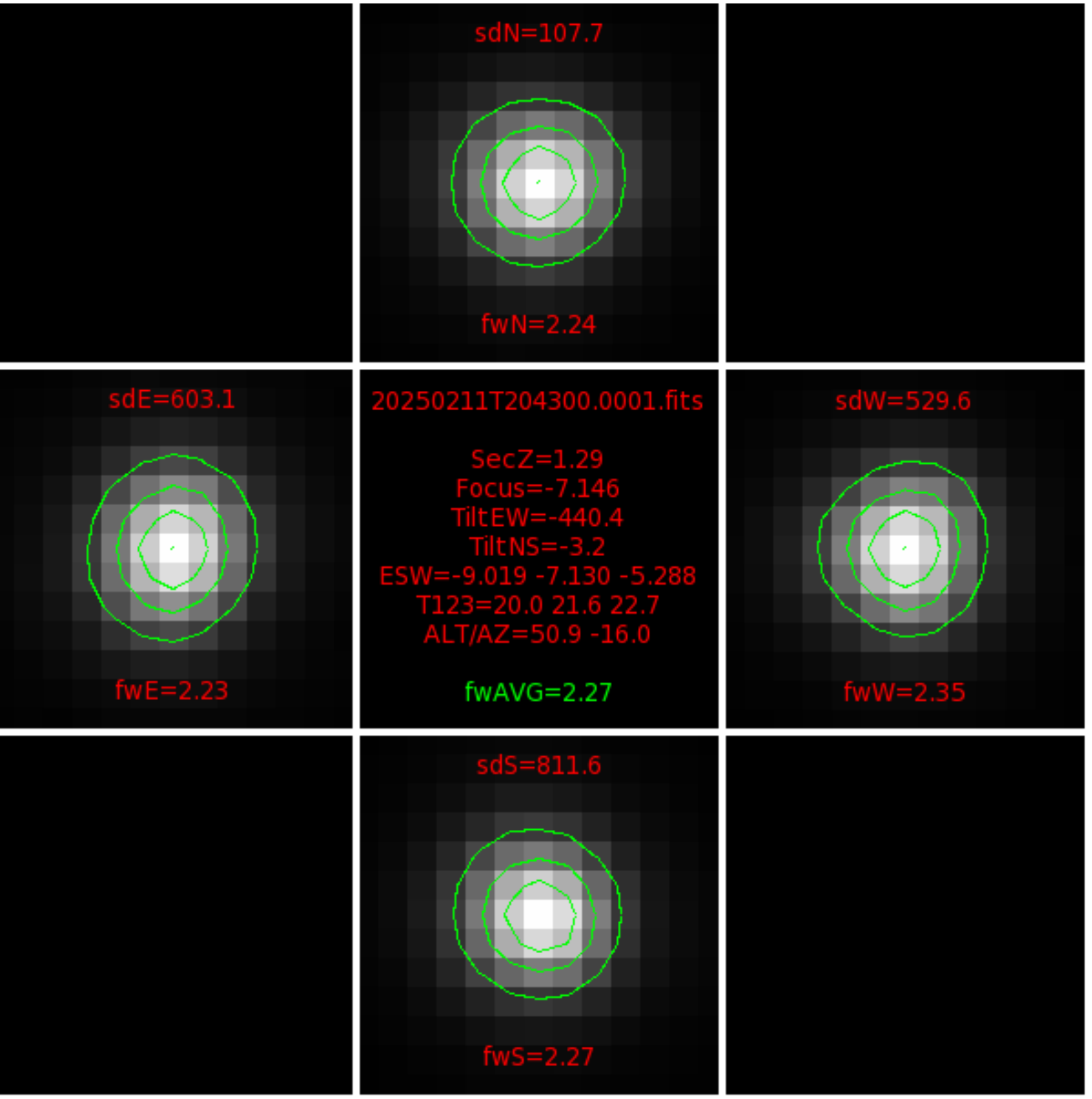
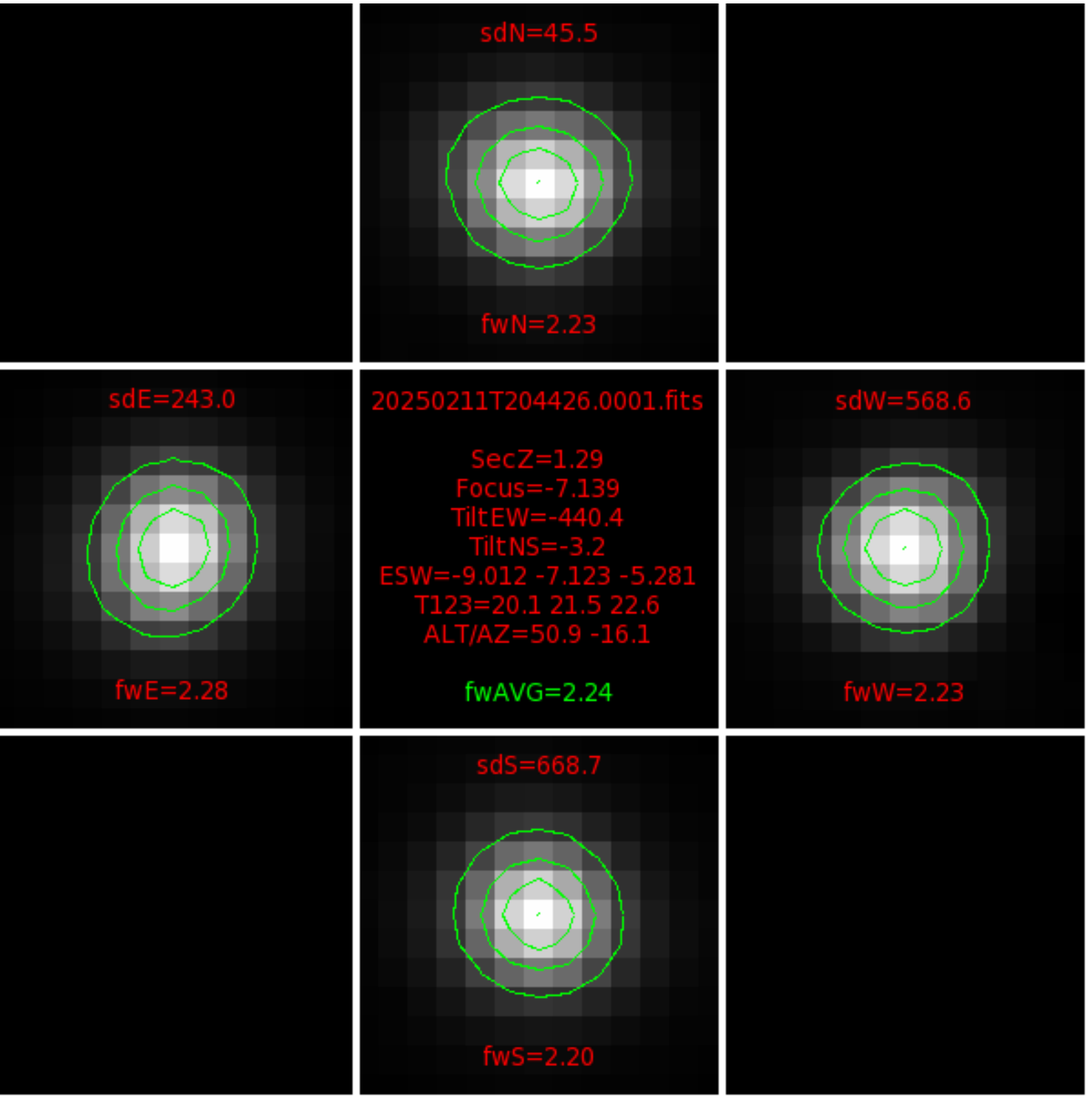

sdN=20.2
fwN=2.56
sdE=106.6
fwE=2.62
20250211T203950.0001.fits
SecZ=1.28
Focus=-7.146
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.019 -7.130 -5.288
T123=20.1 21.6 22.7
ALT/AZ=51.1 -15.7
fwAVG=2.60
sdW=138.7
fwW=2.59
sdS=384.4
fwS=2.62
0 0 0 0 0 0 0 0 0

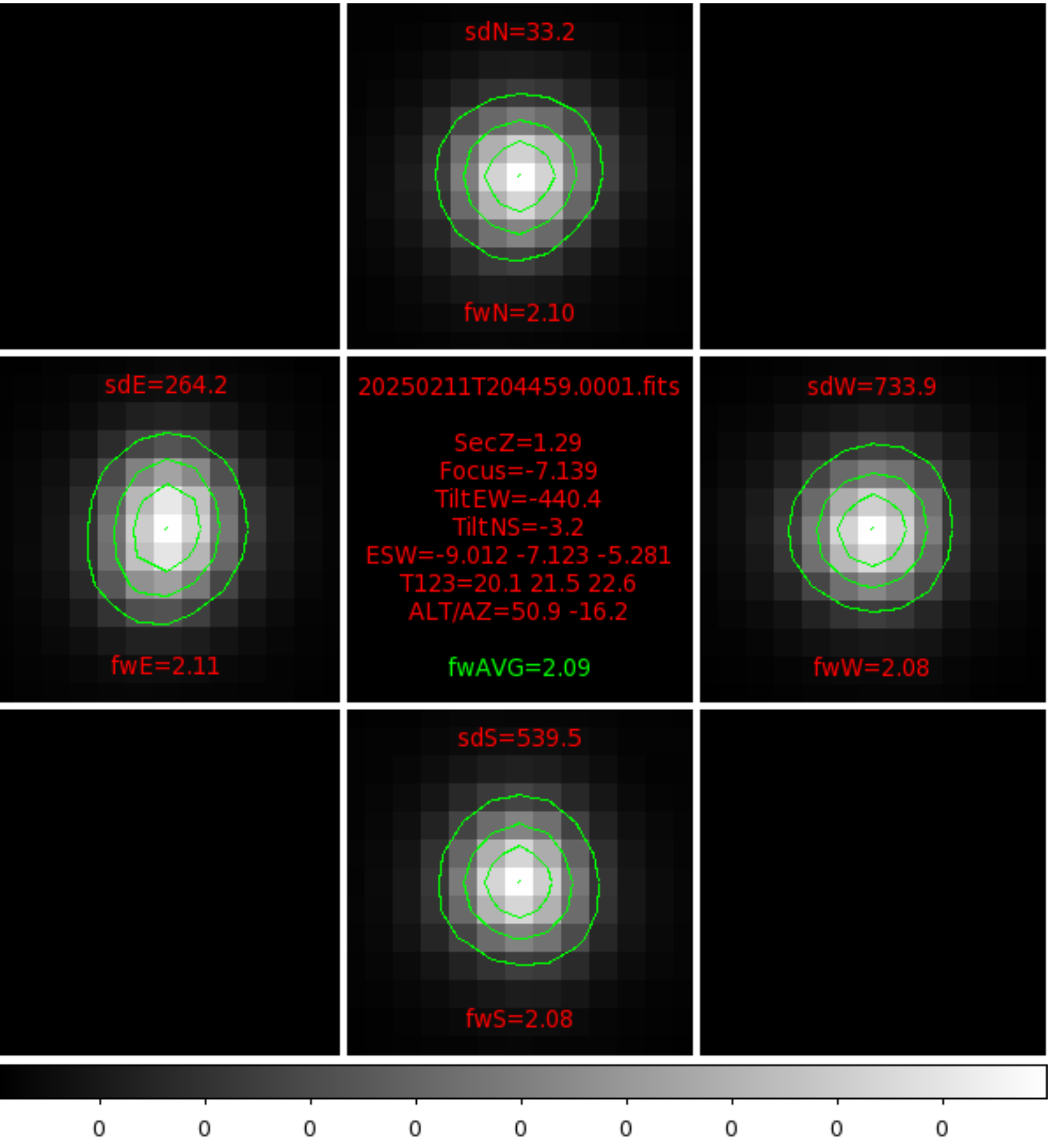

sdN=55.1
fwN=2.17
sdE=362.3
fwE=2.17
20250211T204124.0001.fits
SecZ=1.29
Focus=-7.146
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.019 -7.130 -5.288
T123=20.1 21.6 22.7
ALT/AZ=51.0 -15.9
fwAVG=2.14
sdW=418.5
fwW=2.23
sdS=638.4
fwS=2.00
0 0 0 0 0 0 0 0 0

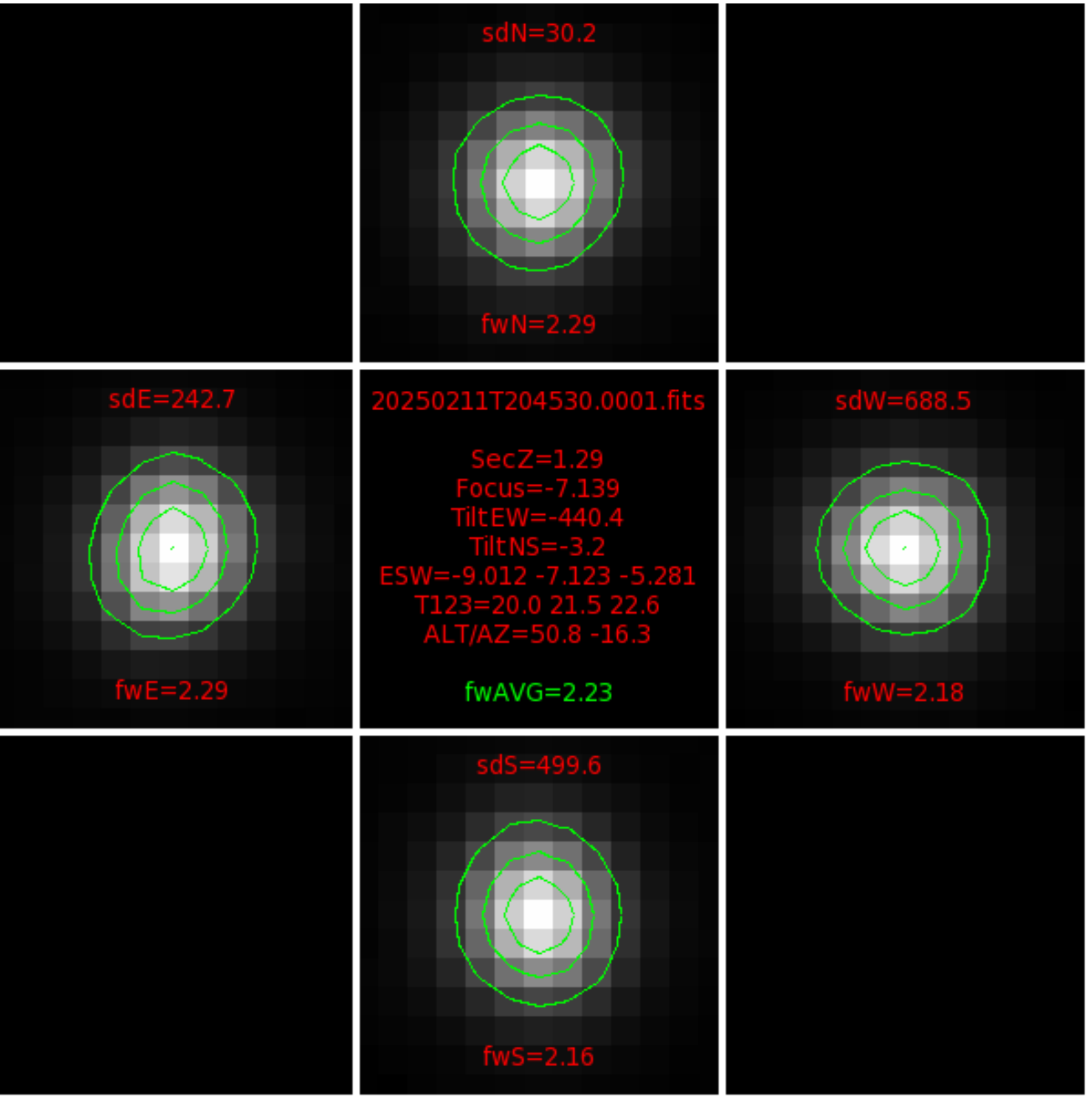

sdN=101.6
fwN=2.28
sdE=572.9
fwE=2.30
20250211T204155.0001.fits
SecZ=1.29
Focus=-7.146
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.019 -7.130 -5.288
T123=20.0 21.6 22.6
ALT/AZ=51.0 -15.9
fwAVG=2.25
sdW=564.2
fwW=2.23
sdS=840.4
fwS=2.19
0 0 0 0 0 0 0 0 0

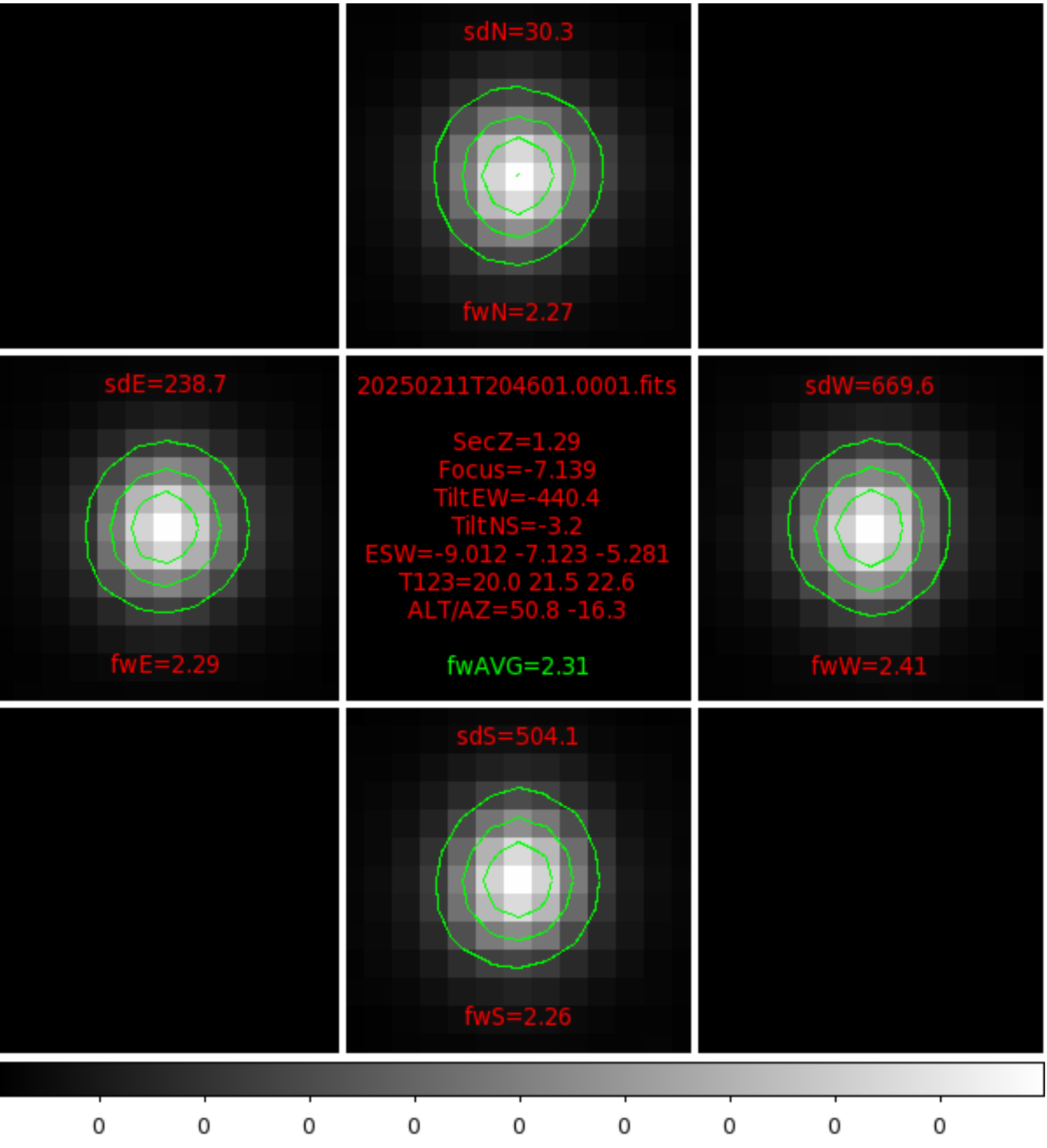

sdN=106.5
fwN=2.25
sdE=600.8
fwE=2.26
20250211T204228.0001.fits
SecZ=1.29
Focus=-7.146
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.019 -7.130 -5.288
T123=20.1 21.6 22.6
ALT/AZ=51.0 -16.0
fwAVG=2.22
sdW=540.1
fwW=2.22
sdS=812.6
fwS=2.14
0 0 0 0 0 0 0 0 0

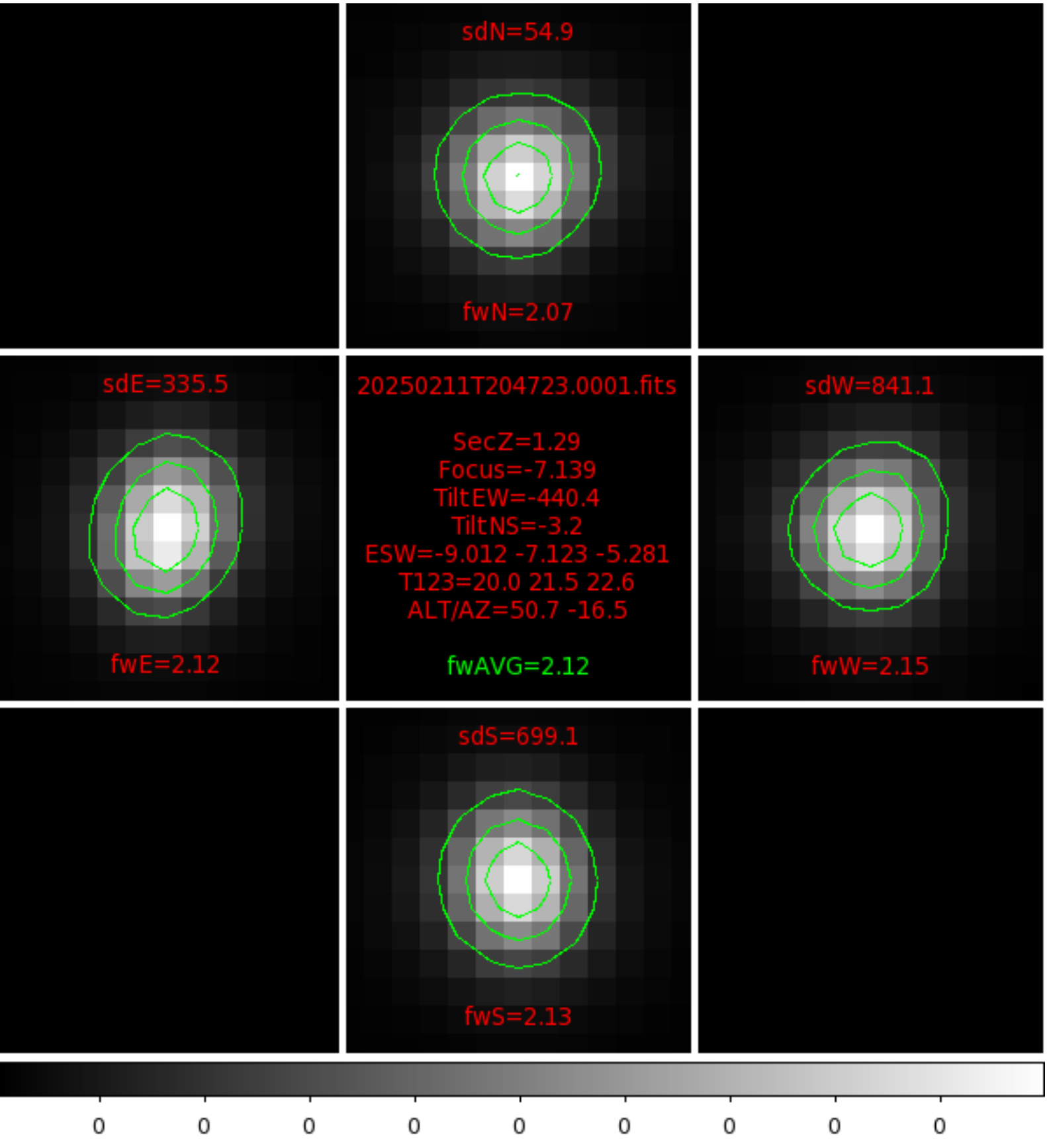

sdN=107.7
fwN=2.24
sdE=603.1
fwE=2.23
20250211T204300.0001.fits
SecZ=1.29
Focus=-7.146
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.019 -7.130 -5.288
T123=20.0 21.6 22.7
ALT/AZ=50.9 -16.0
fwAVG=2.27
sdW=529.6
fwW=2.35
sdS=811.6
fwS=2.27
0 0 0 0 0 0 0 0 0

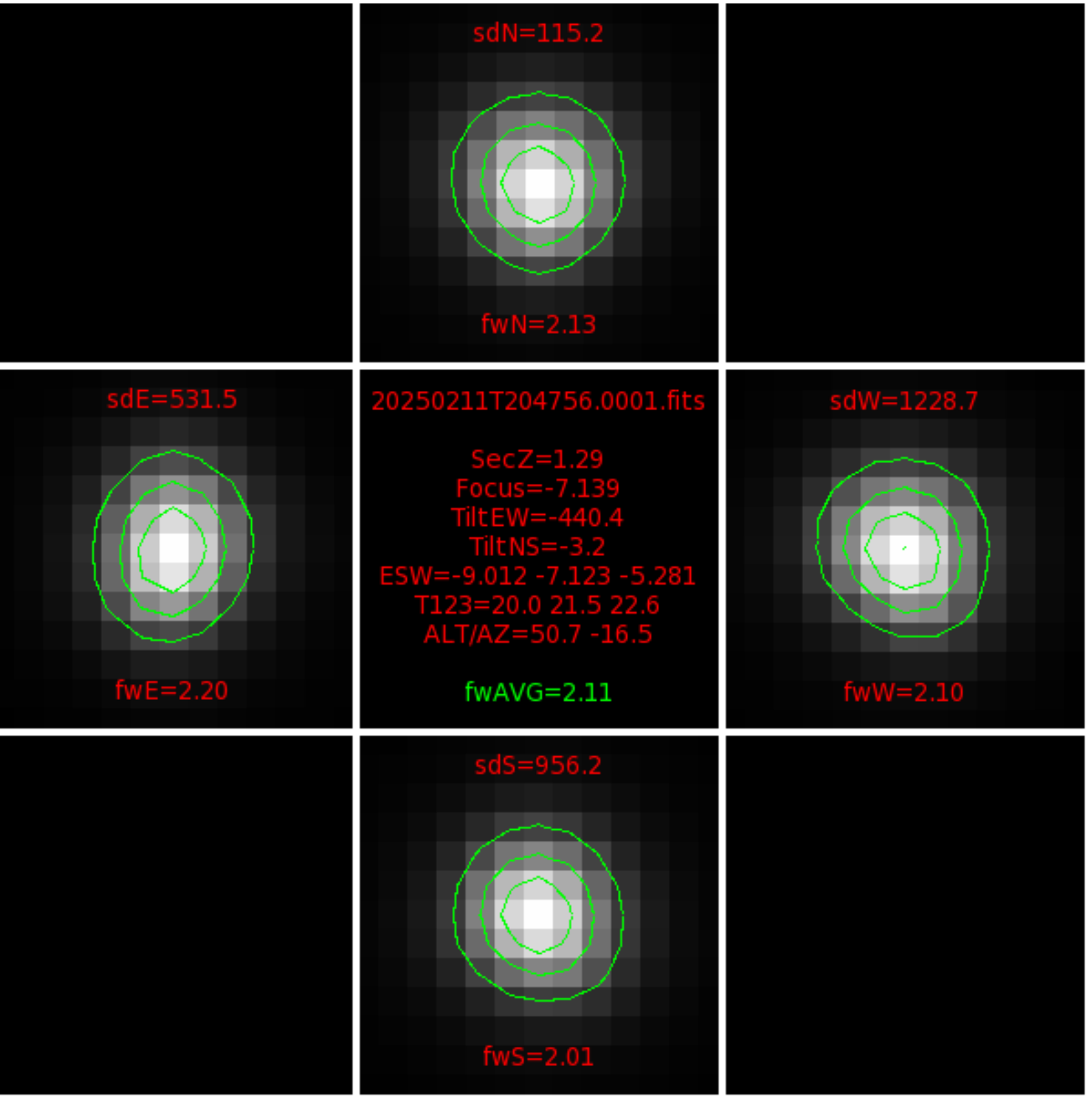

sdN=45.5
fwN=2.23
sdE=243.0
fwE=2.28
20250211T204426.0001.fits
SecZ=1.29
Focus=-7.139
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.012 -7.123 -5.281
T123=20.1 21.5 22.6
ALT/AZ=50.9 -16.1
fwAVG=2.24
sdW=568.6
fwW=2.23
sdS=668.7
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=33.2
fwN=2.10
sdE=264.2
fwE=2.11
20250211T204459.0001.fits
SecZ=1.29
Focus=-7.139
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.012 -7.123 -5.281
T123=20.1 21.5 22.6
ALT/AZ=50.9 -16.2
fwAVG=2.09
sdW=733.9
fwW=2.08
sdS=539.5
fwS=2.08
0 0 0 0 0 0 0 0 0


sdN=30.2
fwN=2.29
sdE=242.7
fwE=2.29
20250211T204530.0001.fits
SecZ=1.29
Focus=-7.139
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.012 -7.123 -5.281
T123=20.0 21.5 22.6
ALT/AZ=50.8 -16.3
fwAVG=2.23
sdW=688.5
fwW=2.18
sdS=499.6
fwS=2.16
0 0 0 0 0 0 0 0 0


sdN=30.3
fwN=2.27
sdE=238.7
fwE=2.29
20250211T204601.0001.fits
SecZ=1.29
Focus=-7.139
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.012 -7.123 -5.281
T123=20.0 21.5 22.6
ALT/AZ=50.8 -16.3
fwAVG=2.31
sdW=669.6
fwW=2.41
sdS=504.1
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=54.9
fwN=2.07
sdE=335.5
fwE=2.12
20250211T204723.0001.fits
SecZ=1.29
Focus=-7.139
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.012 -7.123 -5.281
T123=20.0 21.5 22.6
ALT/AZ=50.7 -16.5
fwAVG=2.12
sdW=841.1
fwW=2.15
sdS=699.1
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=115.2
fwN=2.13
sdE=531.5
fwE=2.20
20250211T204756.0001.fits
SecZ=1.29
Focus=-7.139
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.012 -7.123 -5.281
T123=20.0 21.5 22.6
ALT/AZ=50.7 -16.5
fwAVG=2.11
sdW=1228.7
fwW=2.10
sdS=956.2
fwS=2.01
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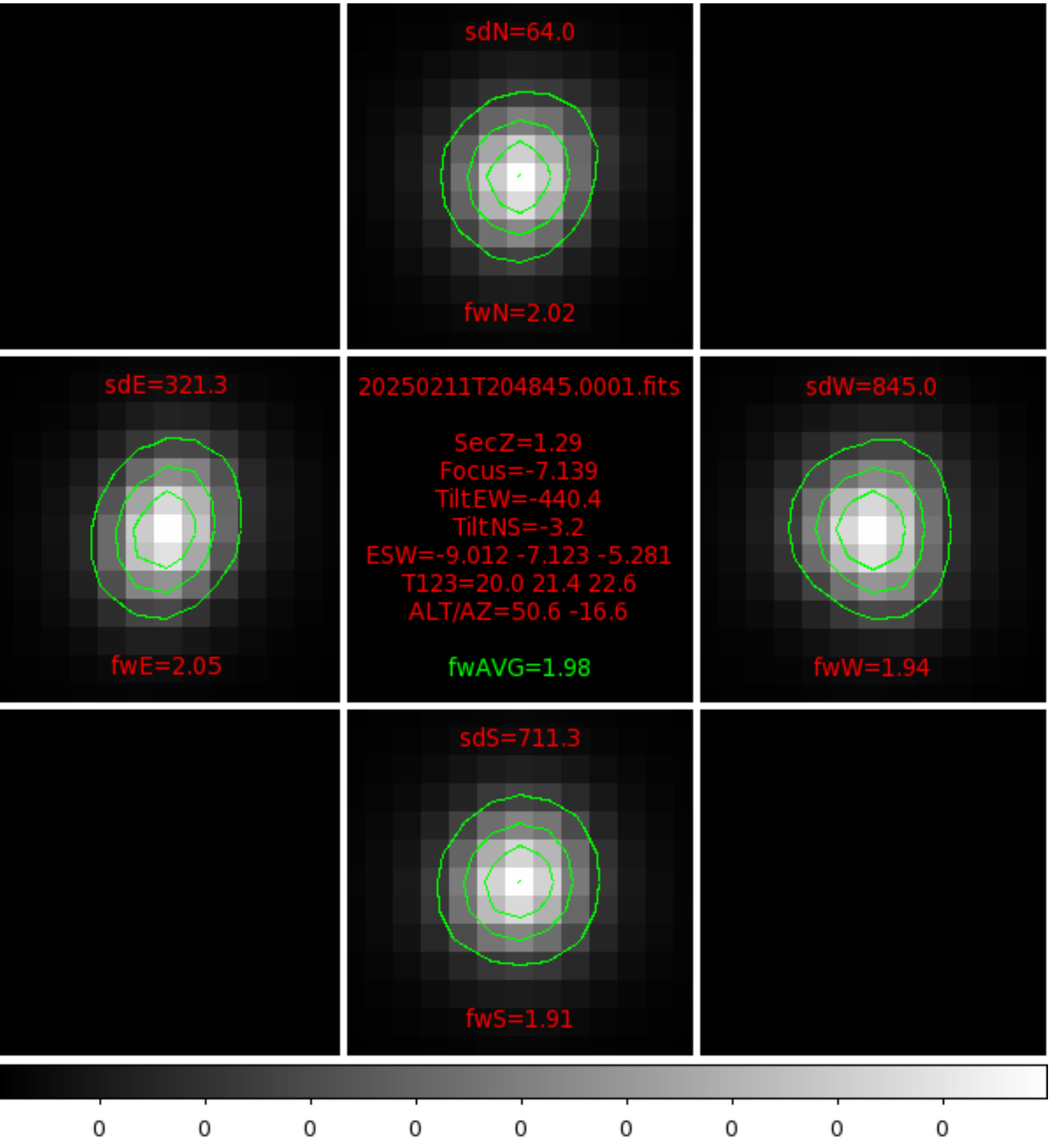
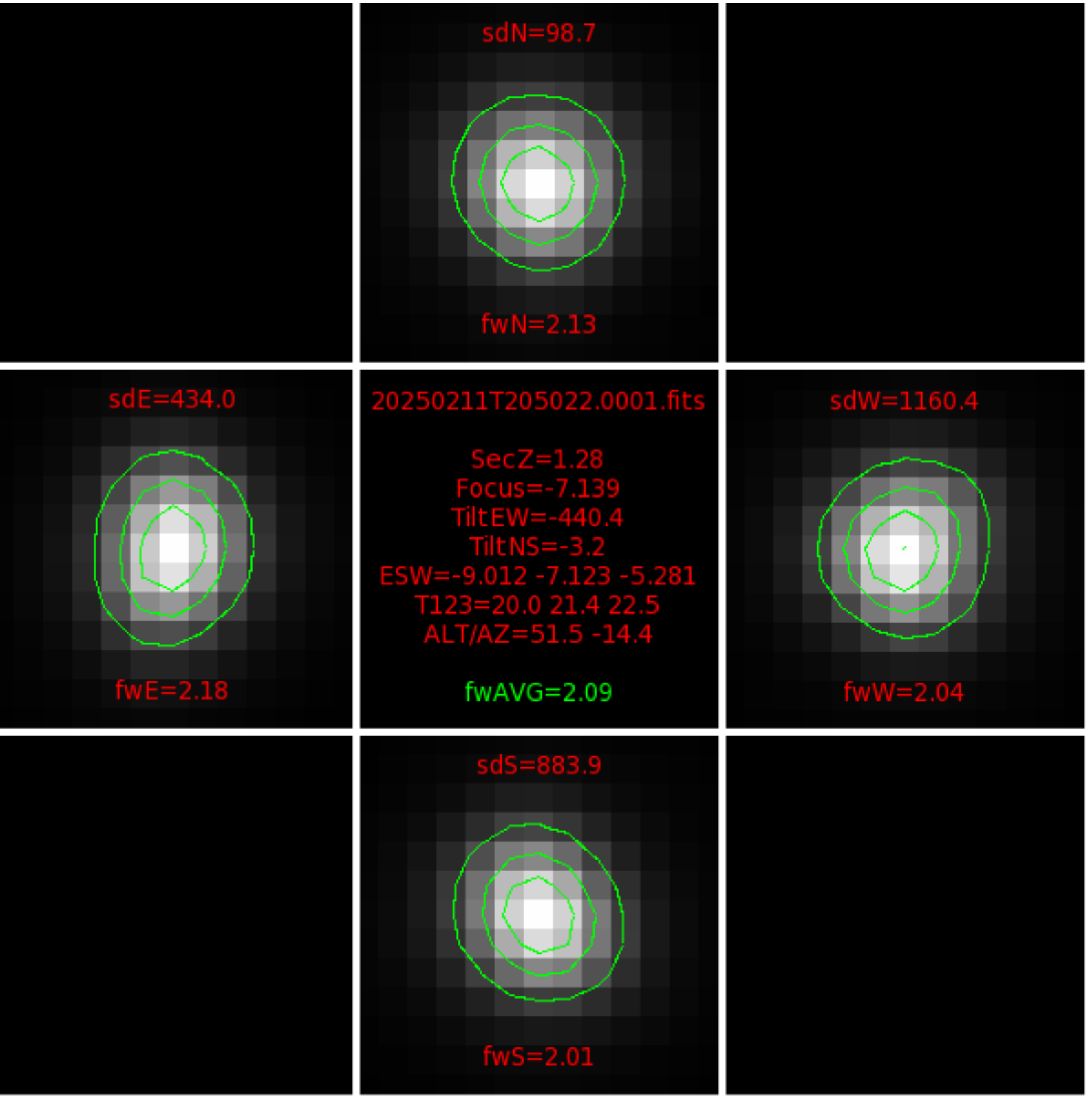

sdN=64.0
fwN=2.02
sdE=321.3
fwE=2.05
20250211T204845.0001.fits
SecZ=1.29
Focus=-7.139
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.012 -7.123 -5.281
T123=20.0 21.4 22.6
ALT/AZ=50.6 -16.6
fwAVG=1.98
sdW=845.0
fwW=1.94
sdS=711.3
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=98.7
fwN=2.13
sdE=434.0
fwE=2.18
20250211T205022.0001.fits
SecZ=1.28
Focus=-7.139
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.012 -7.123 -5.281
T123=20.0 21.4 22.5
ALT/AZ=51.5 -14.4
fwAVG=2.09
sdW=1160.4
fwW=2.04
sdS=883.9
fwS=2.01
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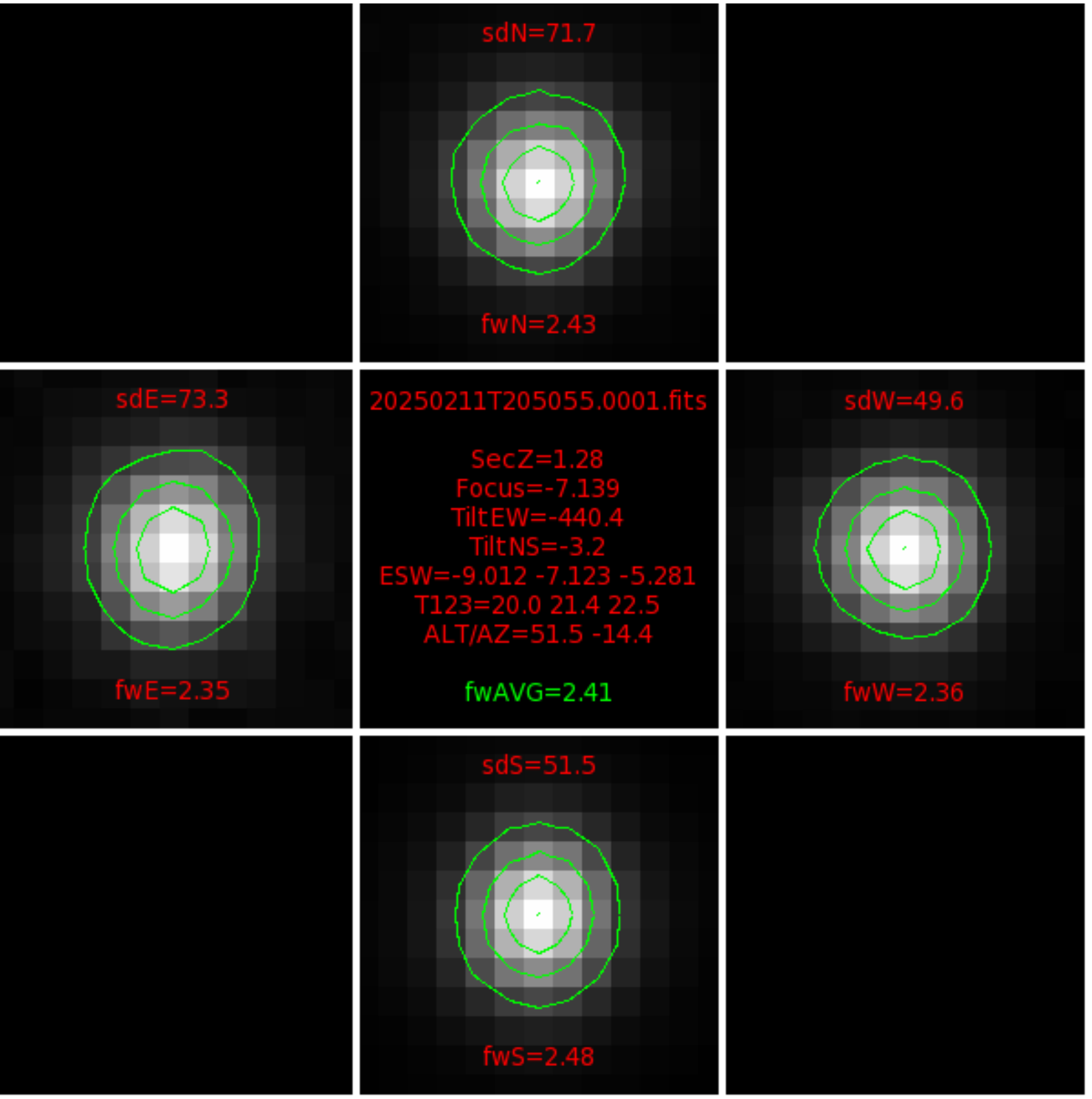
sdN=71.7
fwN=2.43
sdE=73.3
fwE=2.35
20250211T205055.0001.fits
SecZ=1.28
Focus=-7.139
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.012 -7.123 -5.281
T123=20.0 21.4 22.5
ALT/AZ=51.5 -14.4
fwAVG=2.41
sdW=49.6
fwW=2.36
sdS=51.5
fwS=2.48
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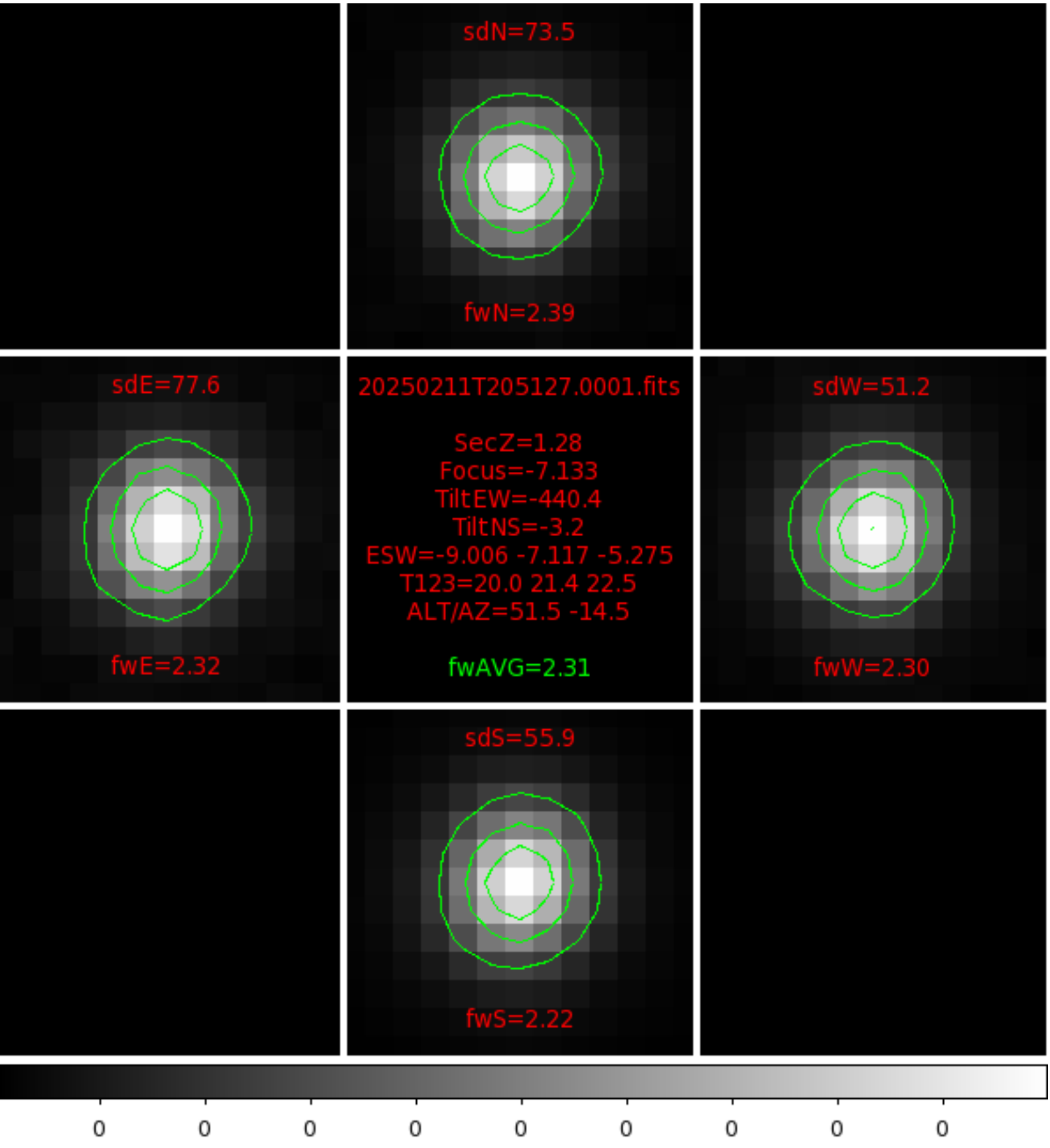
sdN=73.5
fwN=2.39
sdE=77.6
fwE=2.32
20250211T205127.0001.fits
SecZ=1.28
Focus=-7.133
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.006 -7.117 -5.275
T123=20.0 21.4 22.5
ALT/AZ=51.5 -14.5
fwAVG=2.31
sdW=51.2
fwW=2.30
sdS=55.9
fwS=2.22
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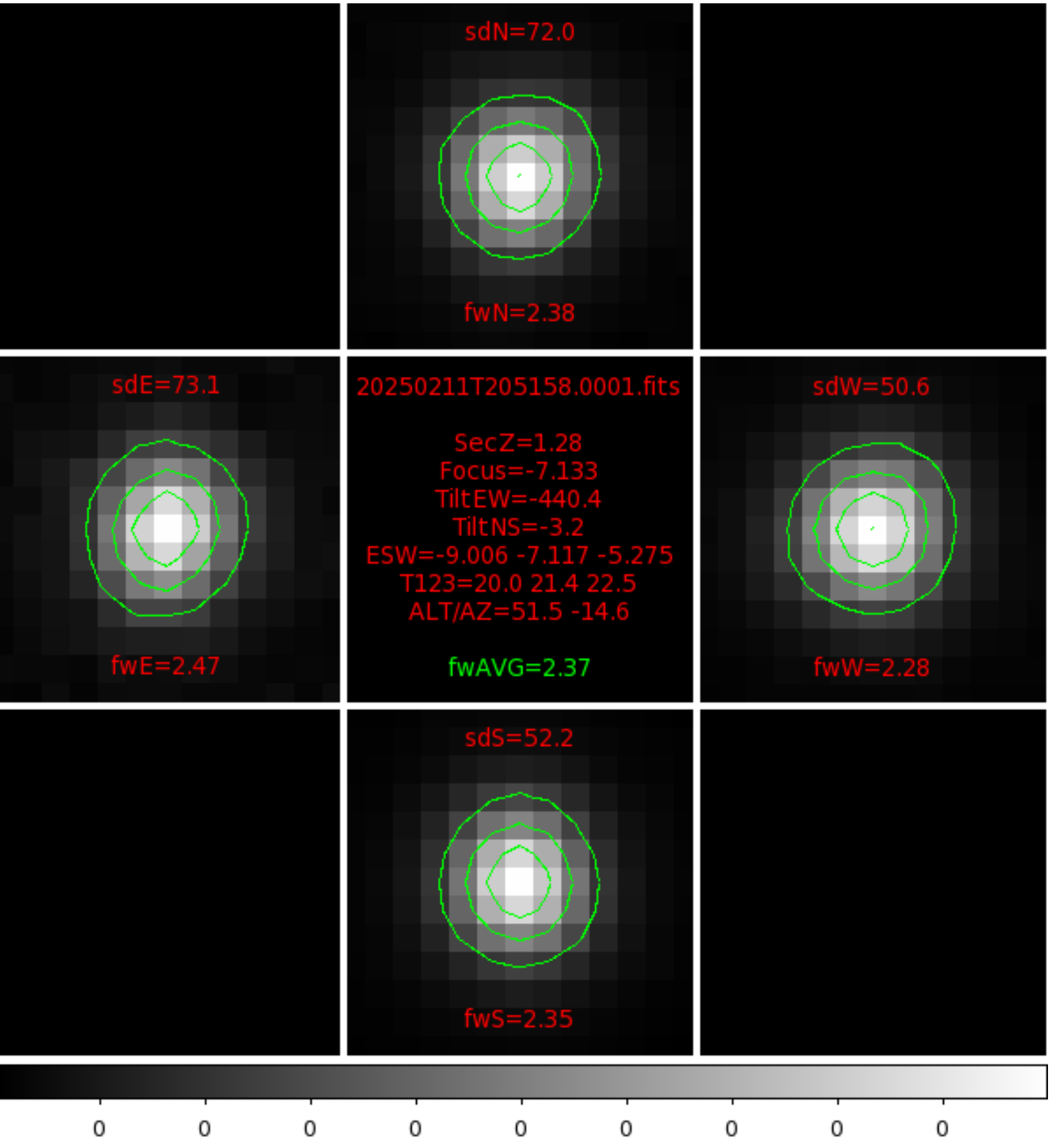
sdN=72.0
fwN=2.38
sdE=73.1
fwE=2.47
20250211T205158.0001.fits
SecZ=1.28
Focus=-7.133
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.006 -7.117 -5.275
T123=20.0 21.4 22.5
ALT/AZ=51.5 -14.6
fwAVG=2.37
sdW=50.6
fwW=2.28
sdS=52.2
fwS=2.35
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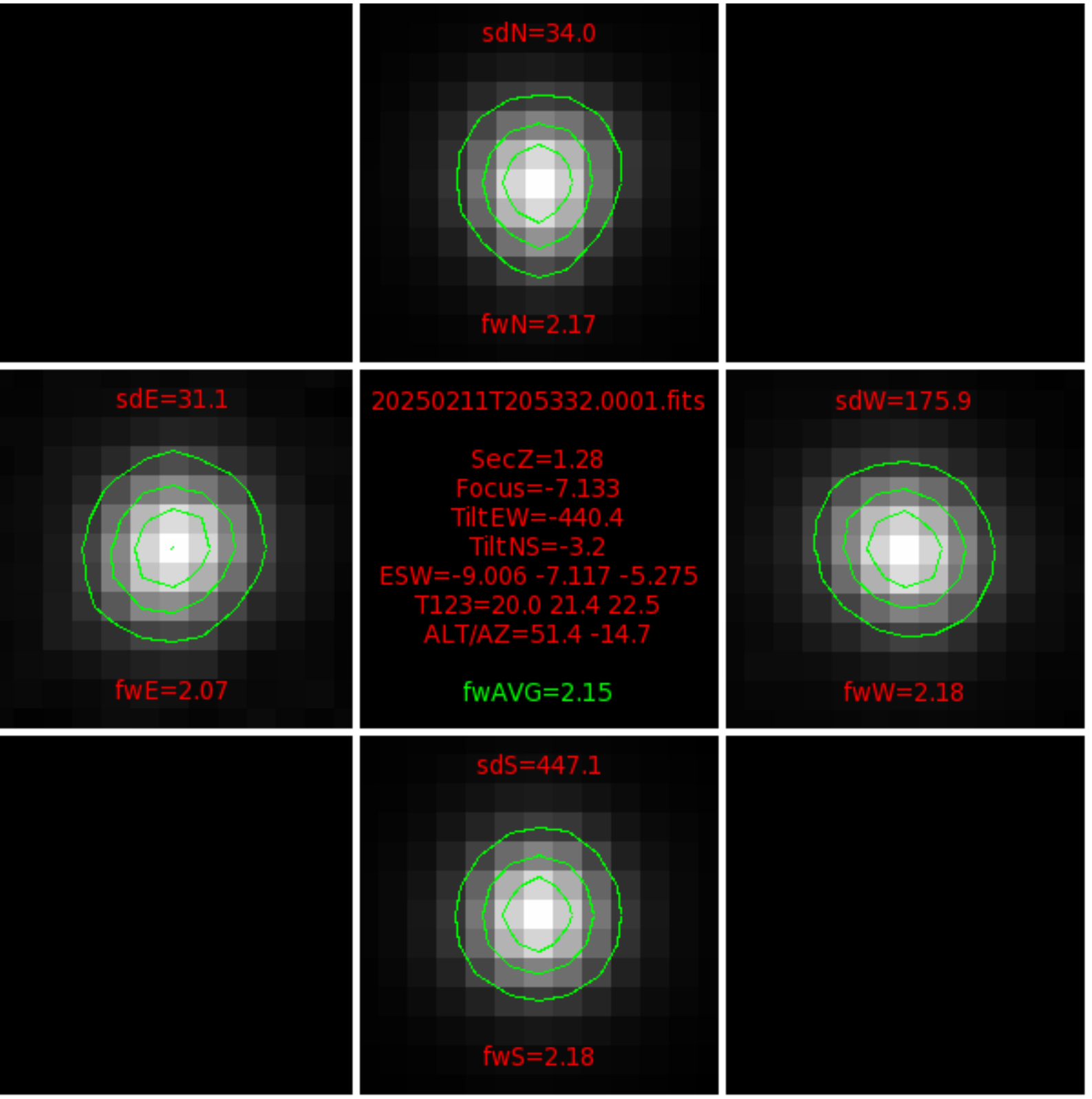
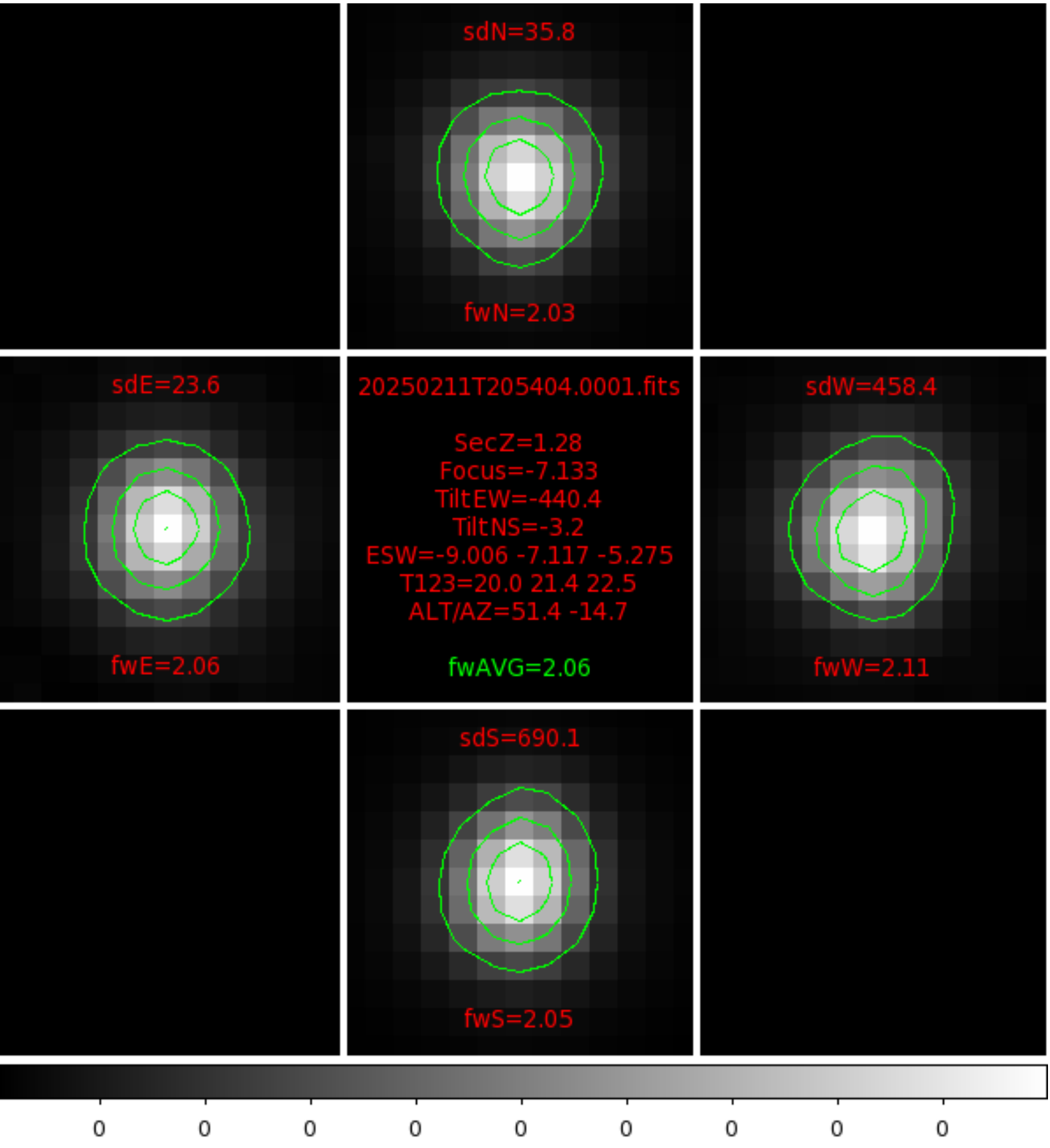
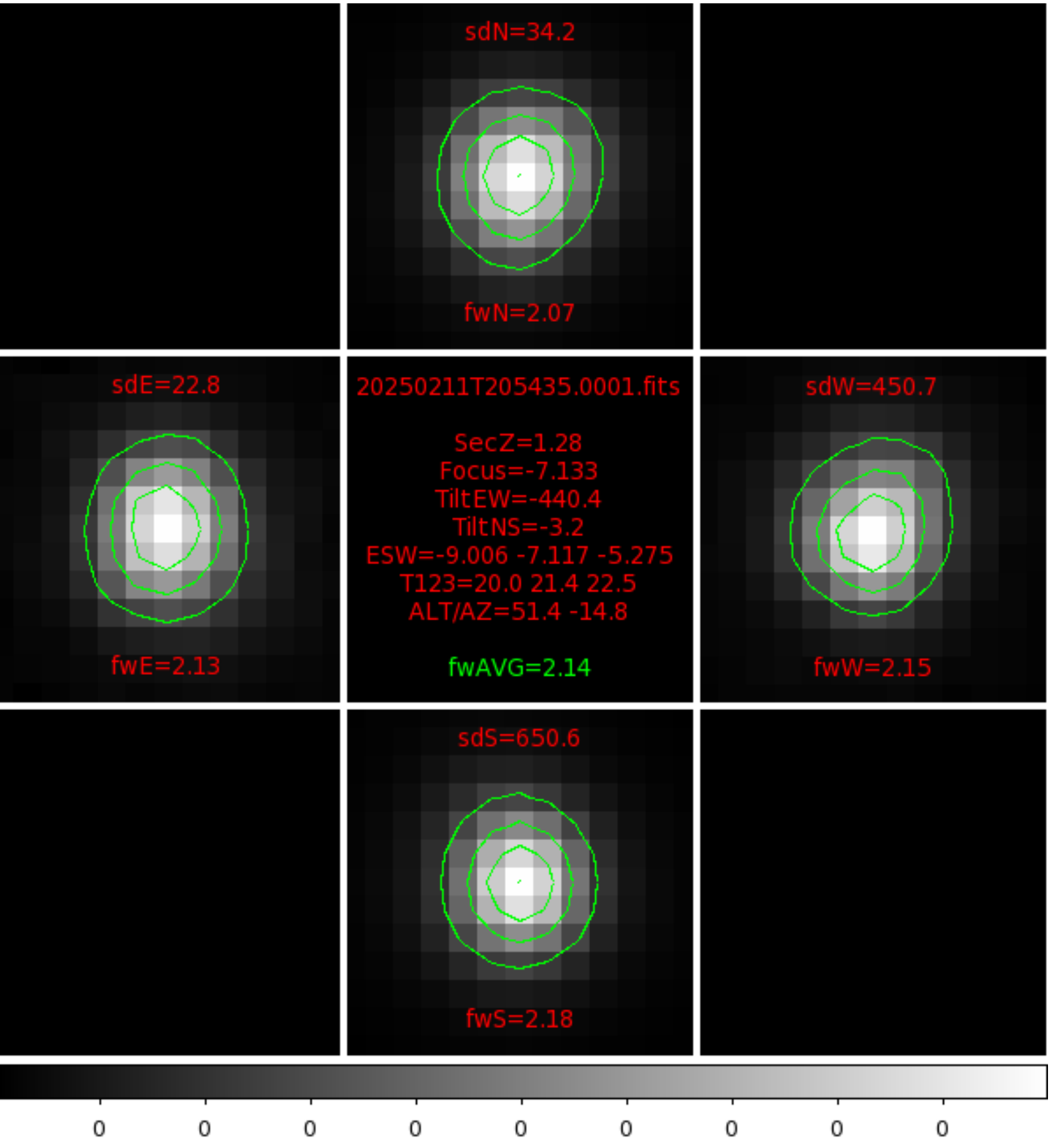
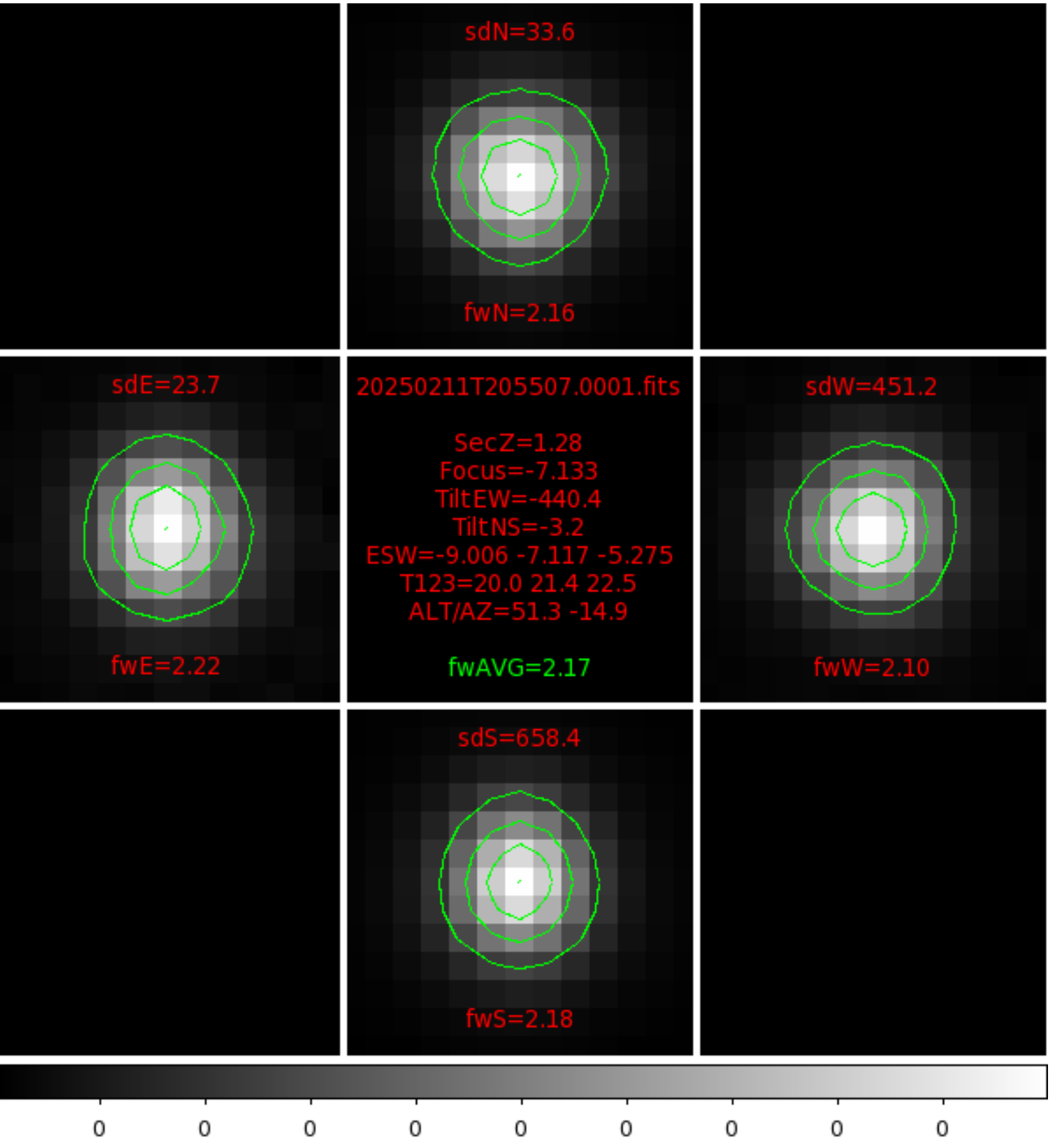
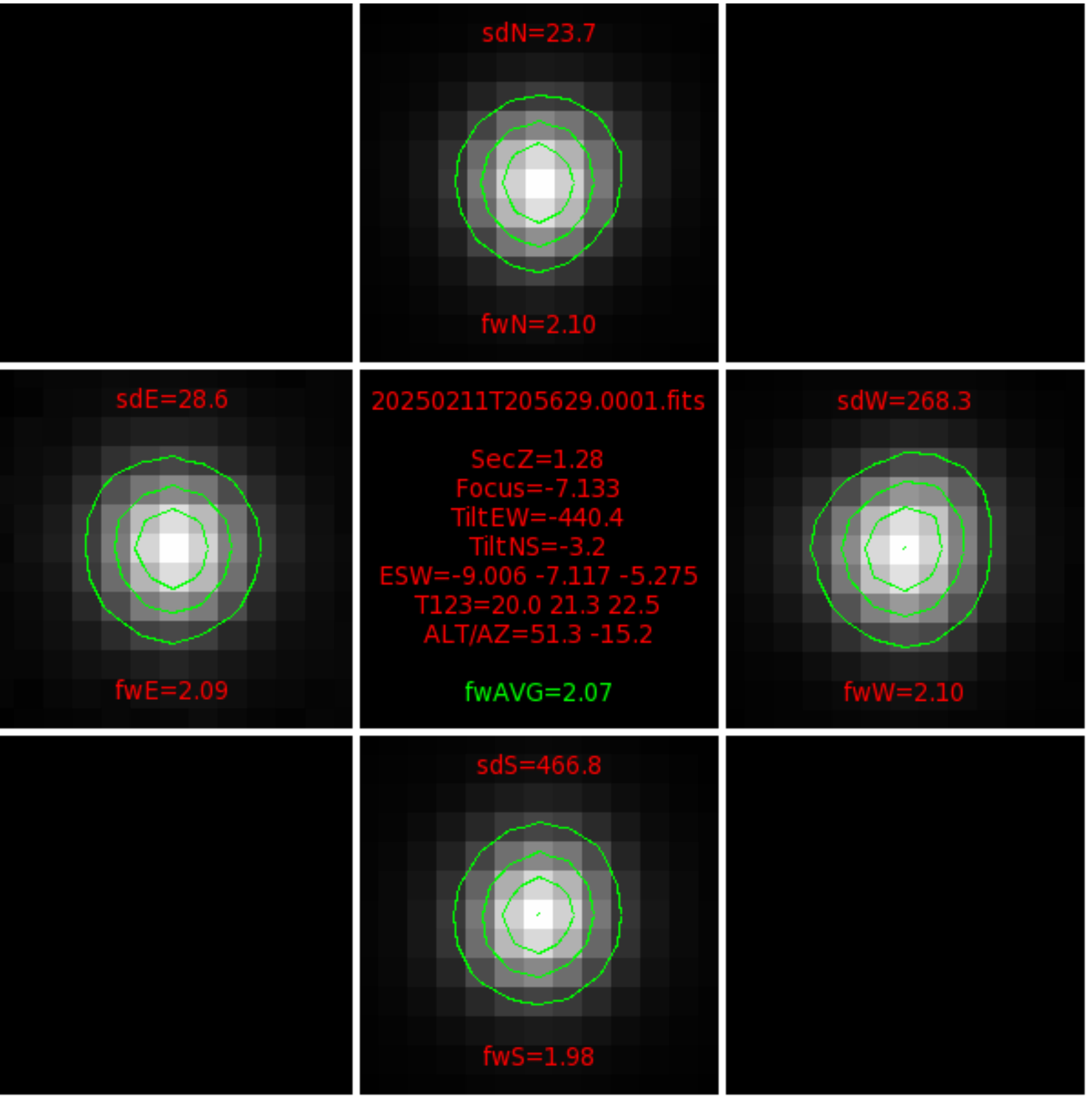
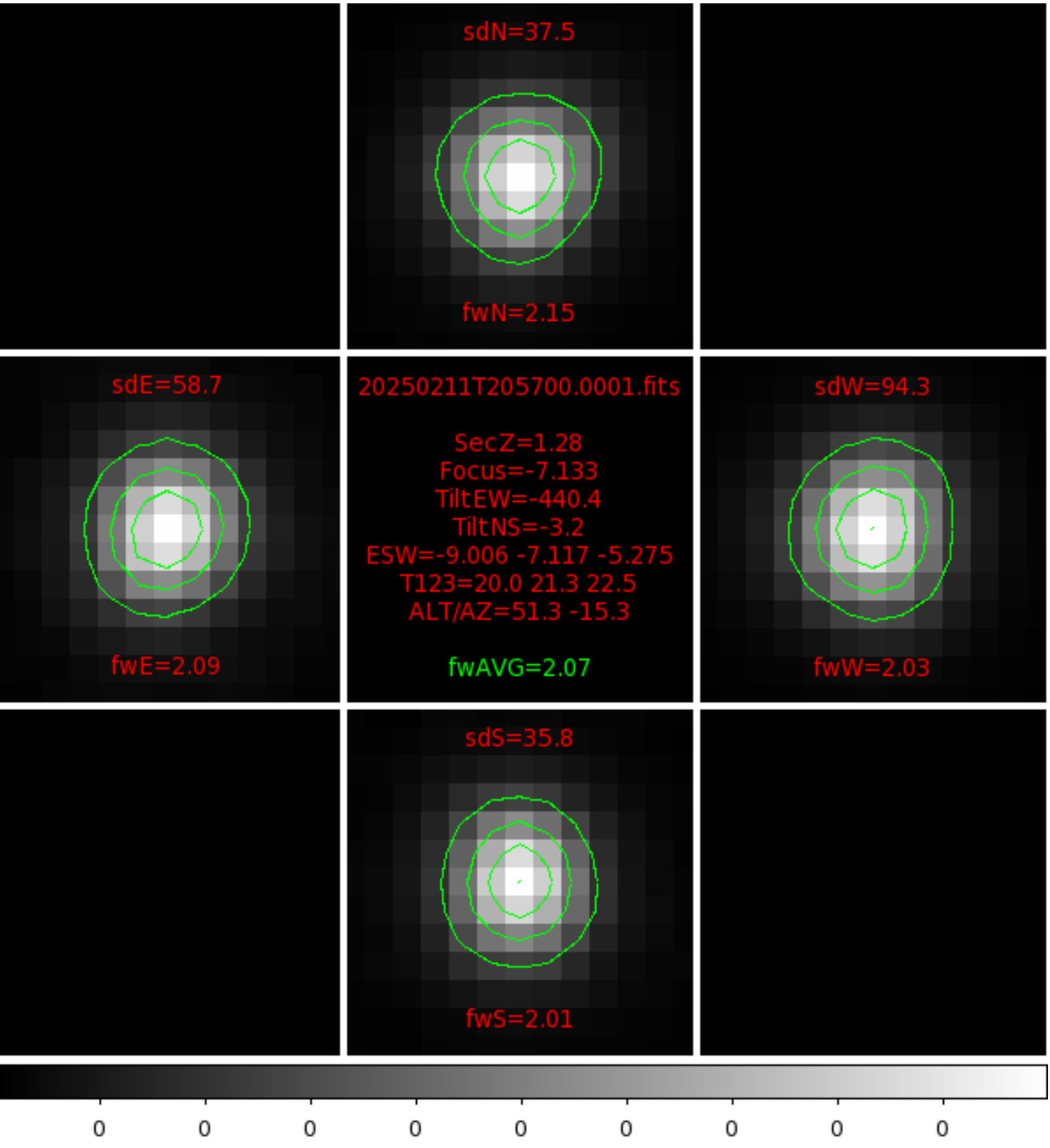

sdN=34.0
fwN=2.17
sdE=31.1
fwE=2.07
20250211T205332.0001.fits
SecZ=1.28
Focus=-7.133
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.006 -7.117 -5.275
T123=20.0 21.4 22.5
ALT/AZ=51.4 -14.7
fwAVG=2.15
sdW=175.9
fwW=2.18
sdS=447.1
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=35.8
fwN=2.03
sdE=23.6
fwE=2.06
20250211T205404.0001.fits
SecZ=1.28
Focus=-7.133
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.006 -7.117 -5.275
T123=20.0 21.4 22.5
ALT/AZ=51.4 -14.7
fwAVG=2.06
sdW=458.4
fwW=2.11
sdS=690.1
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=34.2
fwN=2.07
sdE=22.8
fwE=2.13
20250211T205435.0001.fits
SecZ=1.28
Focus=-7.133
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.006 -7.117 -5.275
T123=20.0 21.4 22.5
ALT/AZ=51.4 -14.8
fwAVG=2.14
sdW=450.7
fwW=2.15
sdS=650.6
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=33.6
fwN=2.16
sdE=23.7
fwE=2.22
20250211T205507.0001.fits
SecZ=1.28
Focus=-7.133
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.006 -7.117 -5.275
T123=20.0 21.4 22.5
ALT/AZ=51.3 -14.9
fwAVG=2.17
sdW=451.2
fwW=2.10
sdS=658.4
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=23.7
fwN=2.10
sdE=28.6
fwE=2.09
20250211T205629.0001.fits
SecZ=1.28
Focus=-7.133
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.006 -7.117 -5.275
T123=20.0 21.3 22.5
ALT/AZ=51.3 -15.2
fwAVG=2.07
sdW=268.3
fwW=2.10
sdS=466.8
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=37.5
fwN=2.15
sdE=58.7
fwE=2.09
20250211T205700.0001.fits
SecZ=1.28
Focus=-7.133
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.006 -7.117 -5.275
T123=20.0 21.3 22.5
ALT/AZ=51.3 -15.3
fwAVG=2.07
sdW=94.3
fwW=2.03
sdS=35.8
fwS=2.01
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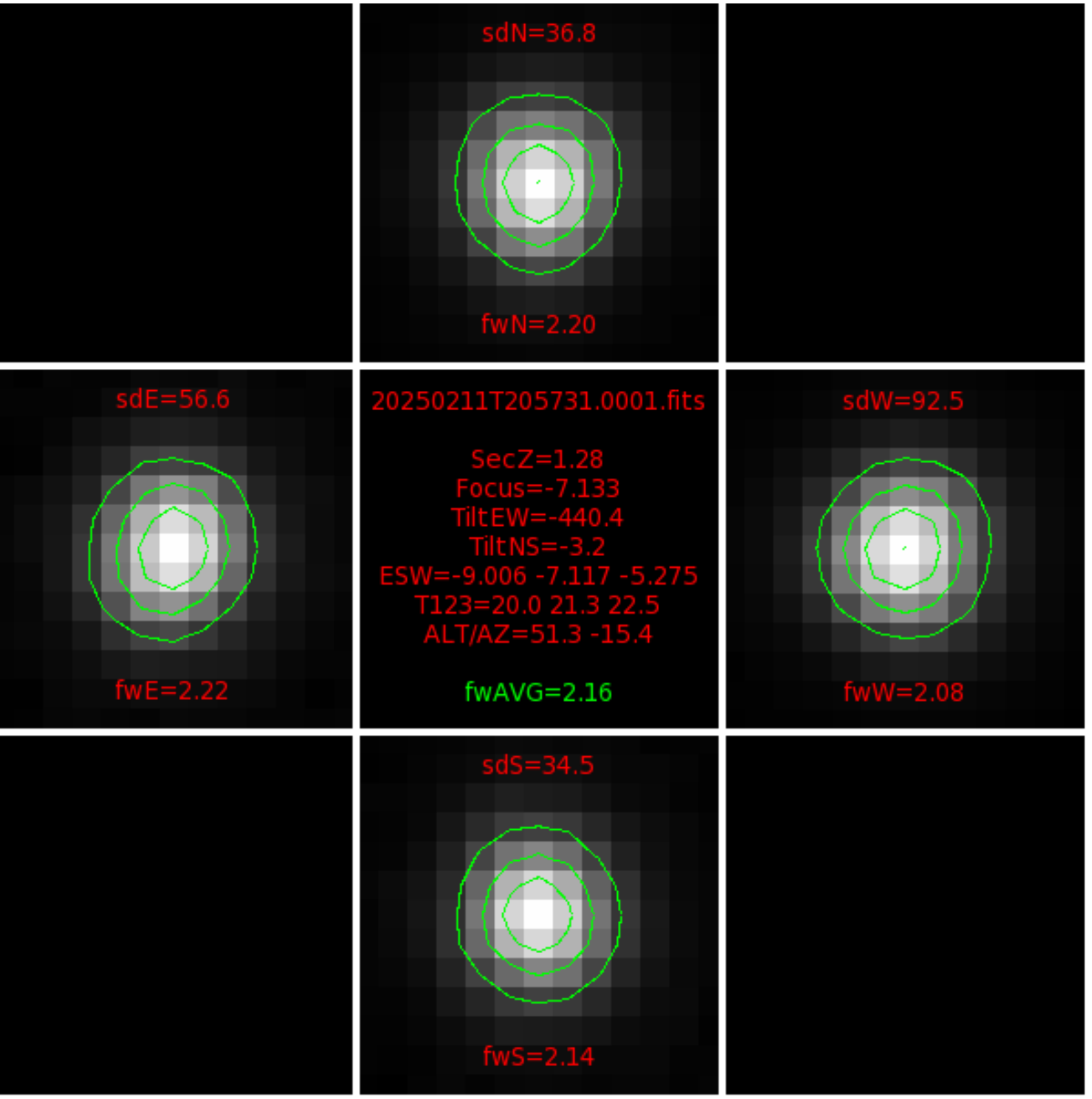
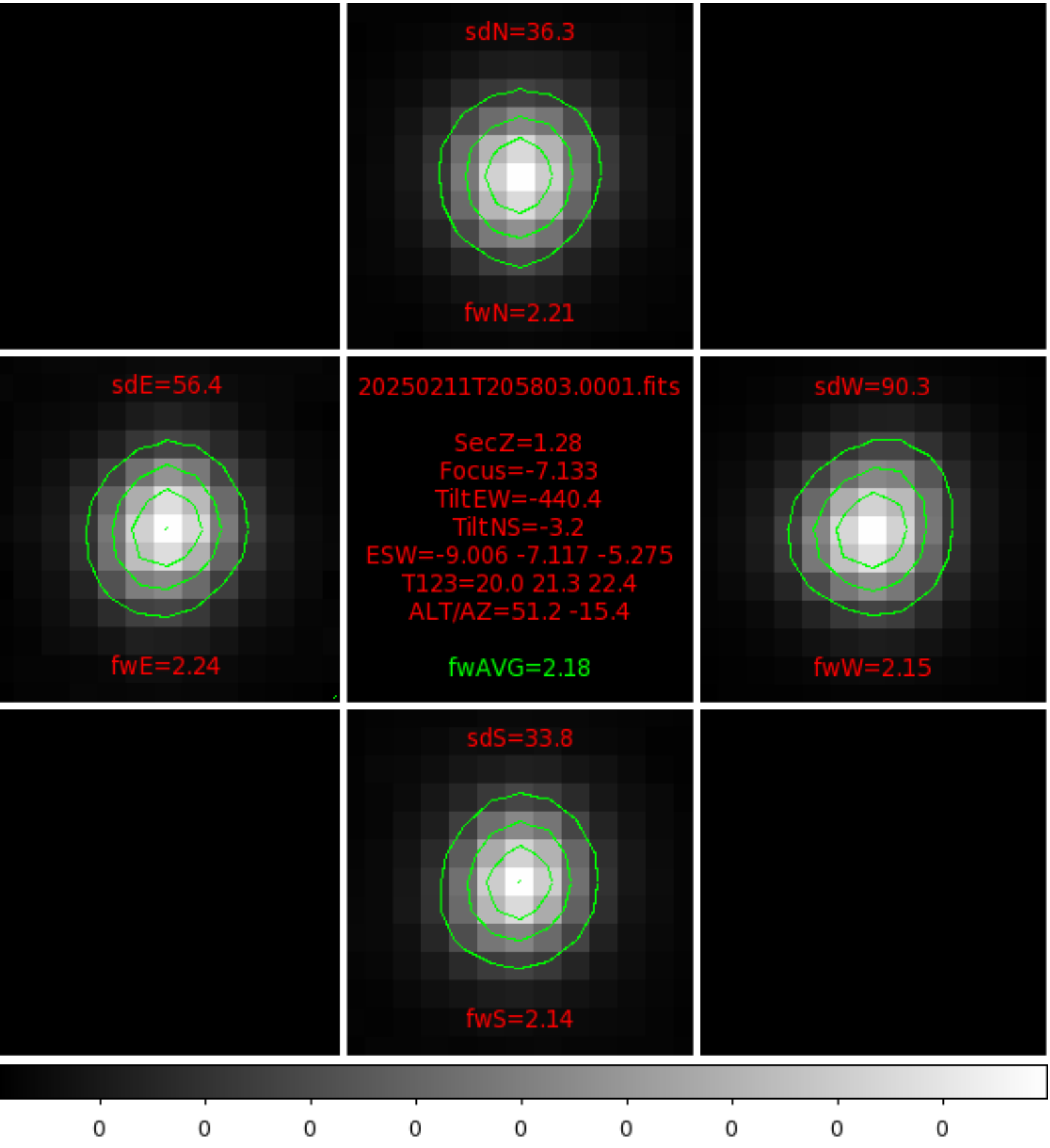
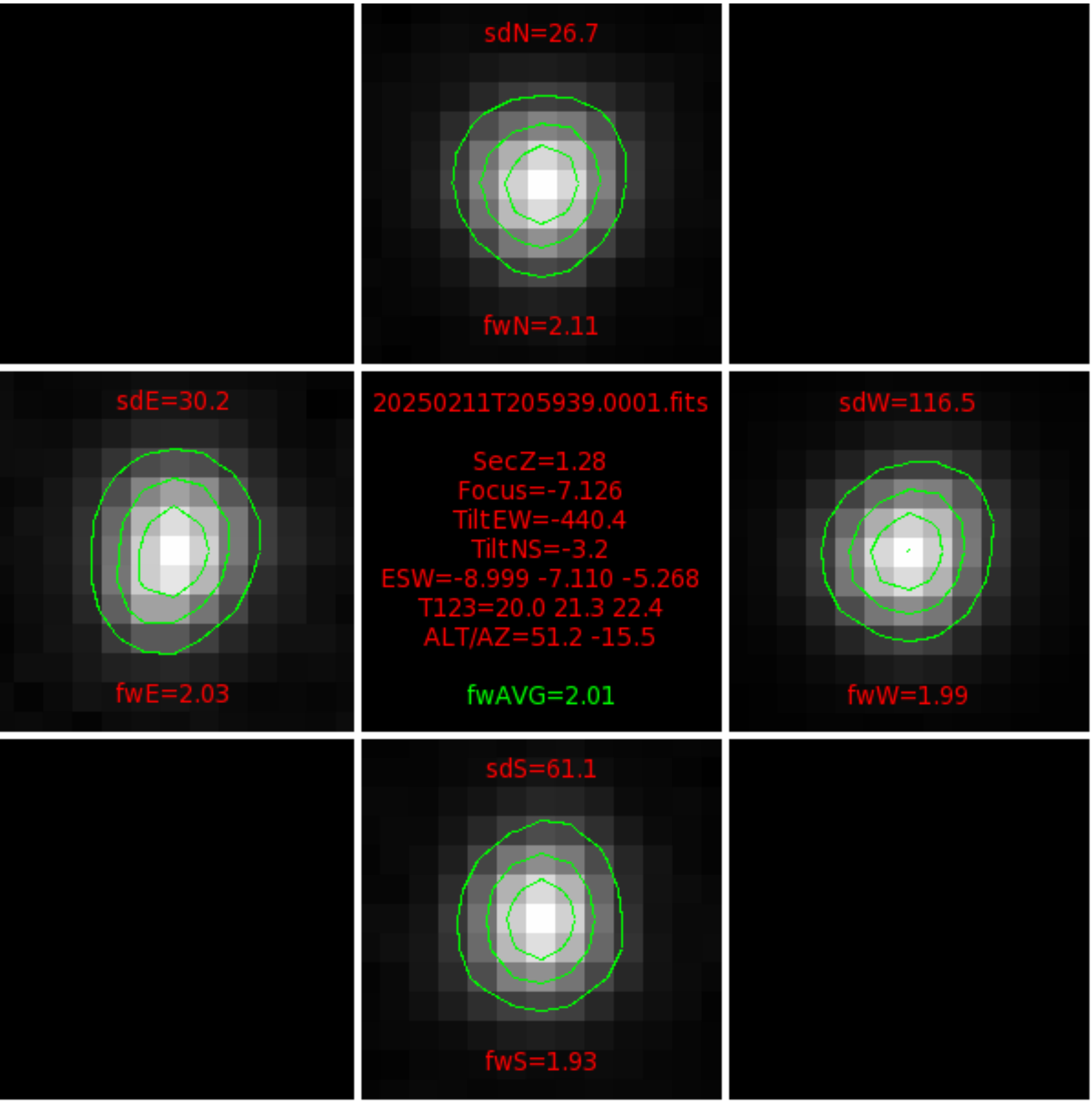
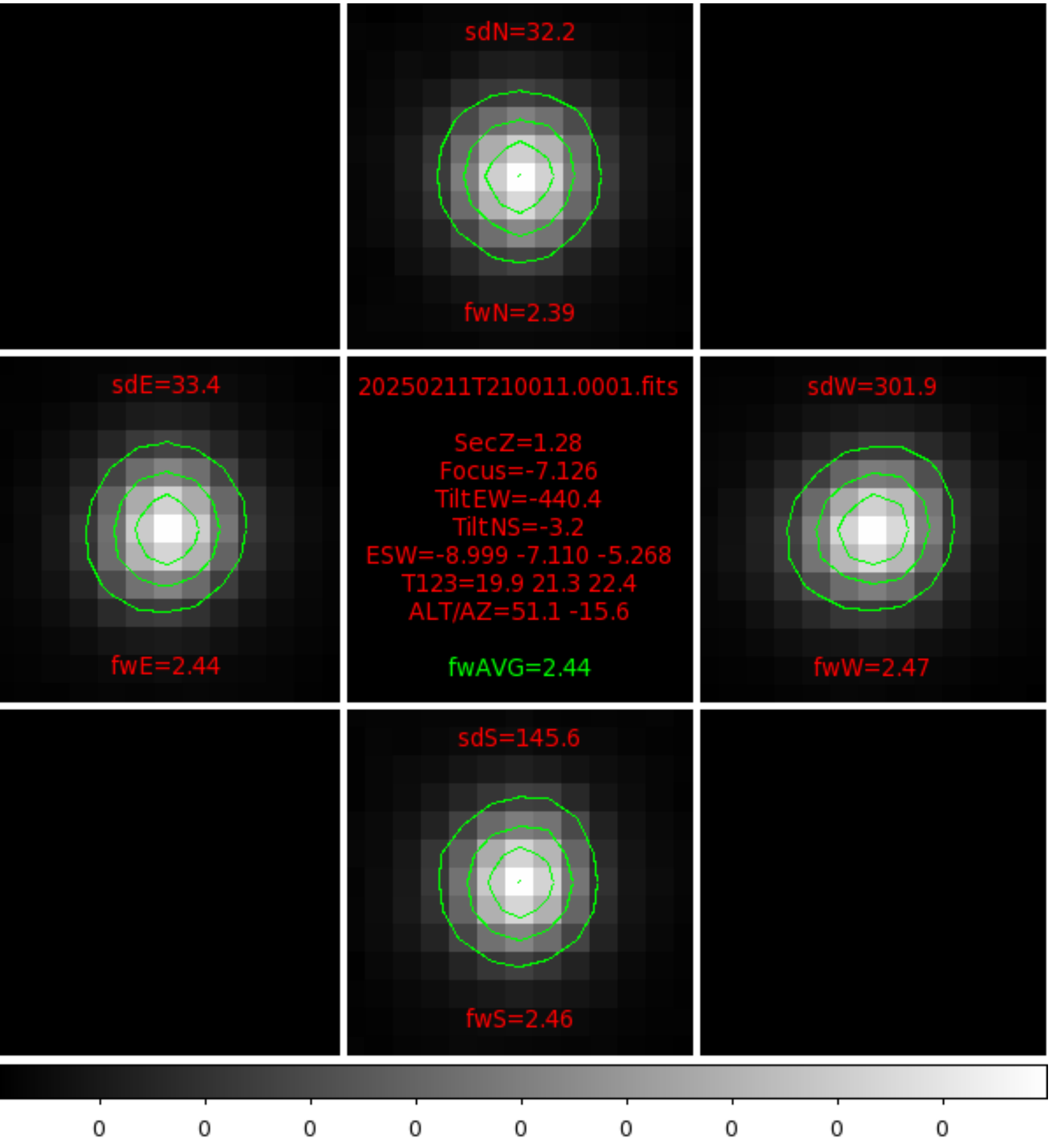
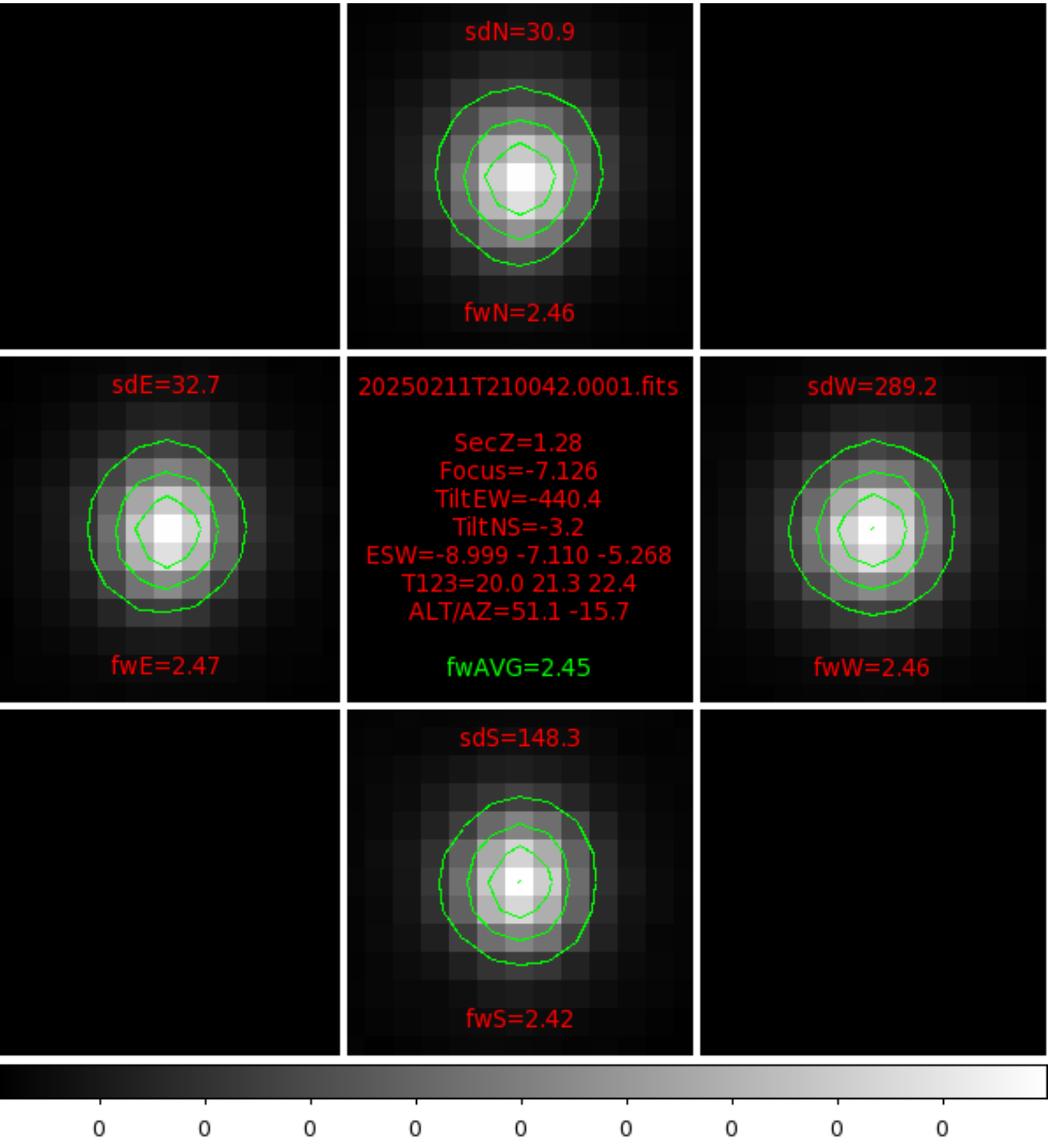

sdN=36.8
fwN=2.20
sdE=56.6
fwE=2.22
20250211T205731.0001.fits
SecZ=1.28
Focus=-7.133
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.006 -7.117 -5.275
T123=20.0 21.3 22.5
ALT/AZ=51.3 -15.4
fwAVG=2.16
sdW=92.5
fwW=2.08
sdS=34.5
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=36.3
fwN=2.21
sdE=56.4
fwE=2.24
20250211T205803.0001.fits
SecZ=1.28
Focus=-7.133
TiltEW=-440.4
TiltNS=-3.2
ESW=-9.006 -7.117 -5.275
T123=20.0 21.3 22.4
ALT/AZ=51.2 -15.4
fwAVG=2.18
sdW=90.3
fwW=2.15
sdS=33.8
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=26.7
fwN=2.11
sdE=30.2
fwE=2.03
20250211T205939.0001.fits
SecZ=1.28
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=20.0 21.3 22.4
ALT/AZ=51.2 -15.5
fwAVG=2.01
sdW=116.5
fwW=1.99
sdS=61.1
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=32.2
fwN=2.39
sdE=33.4
fwE=2.44
20250211T210011.0001.fits
SecZ=1.28
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=19.9 21.3 22.4
ALT/AZ=51.1 -15.6
fwAVG=2.44
sdW=301.9
fwW=2.47
sdS=145.6
fwS=2.46
0 0 0 0 0 0 0 0 0


sdN=30.9
fwN=2.46
sdE=32.7
fwE=2.47
20250211T210042.0001.fits
SecZ=1.28
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=20.0 21.3 22.4
ALT/AZ=51.1 -15.7
fwAVG=2.45
sdW=289.2
fwW=2.46
sdS=148.3
fwS=2.42
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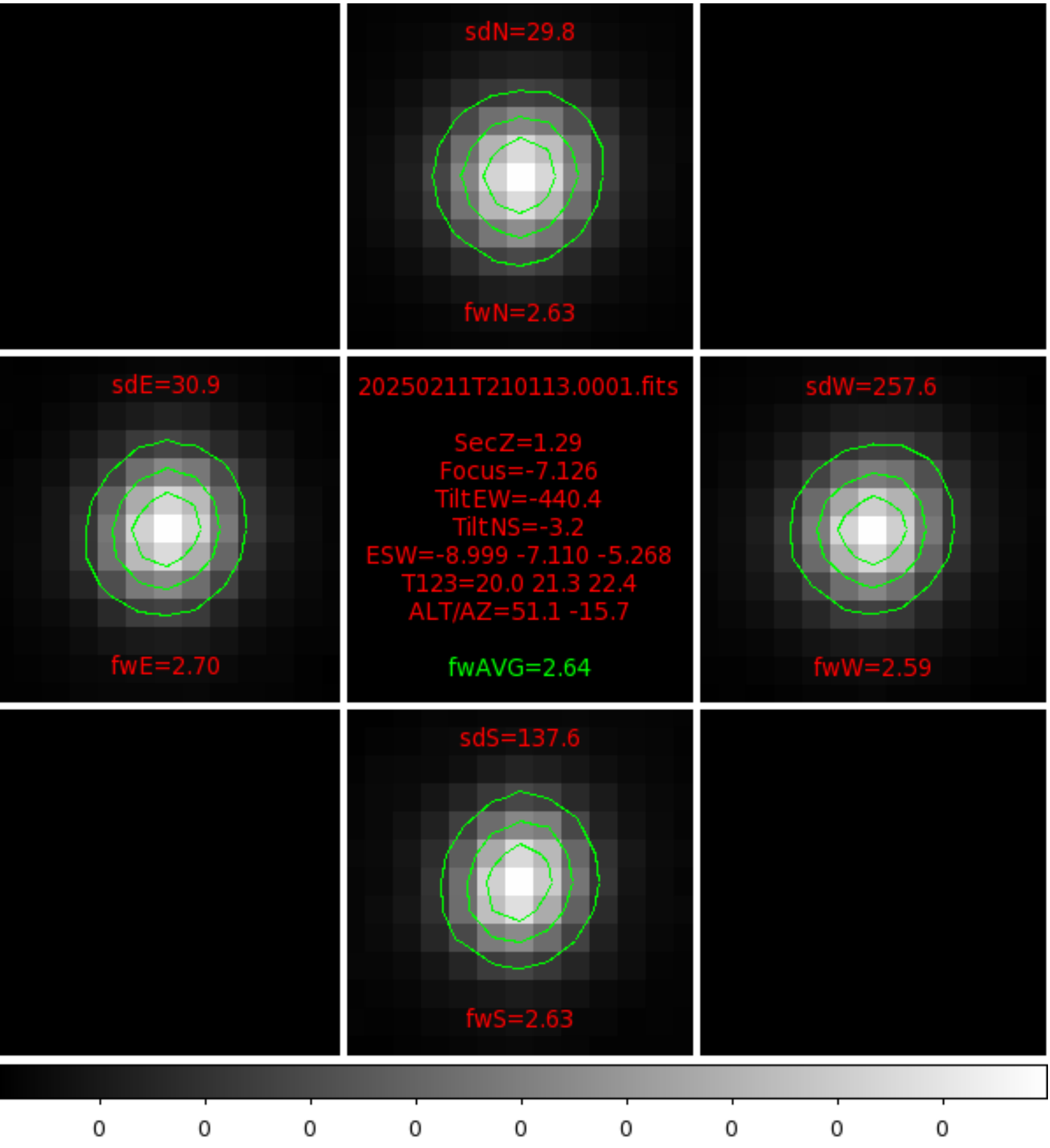
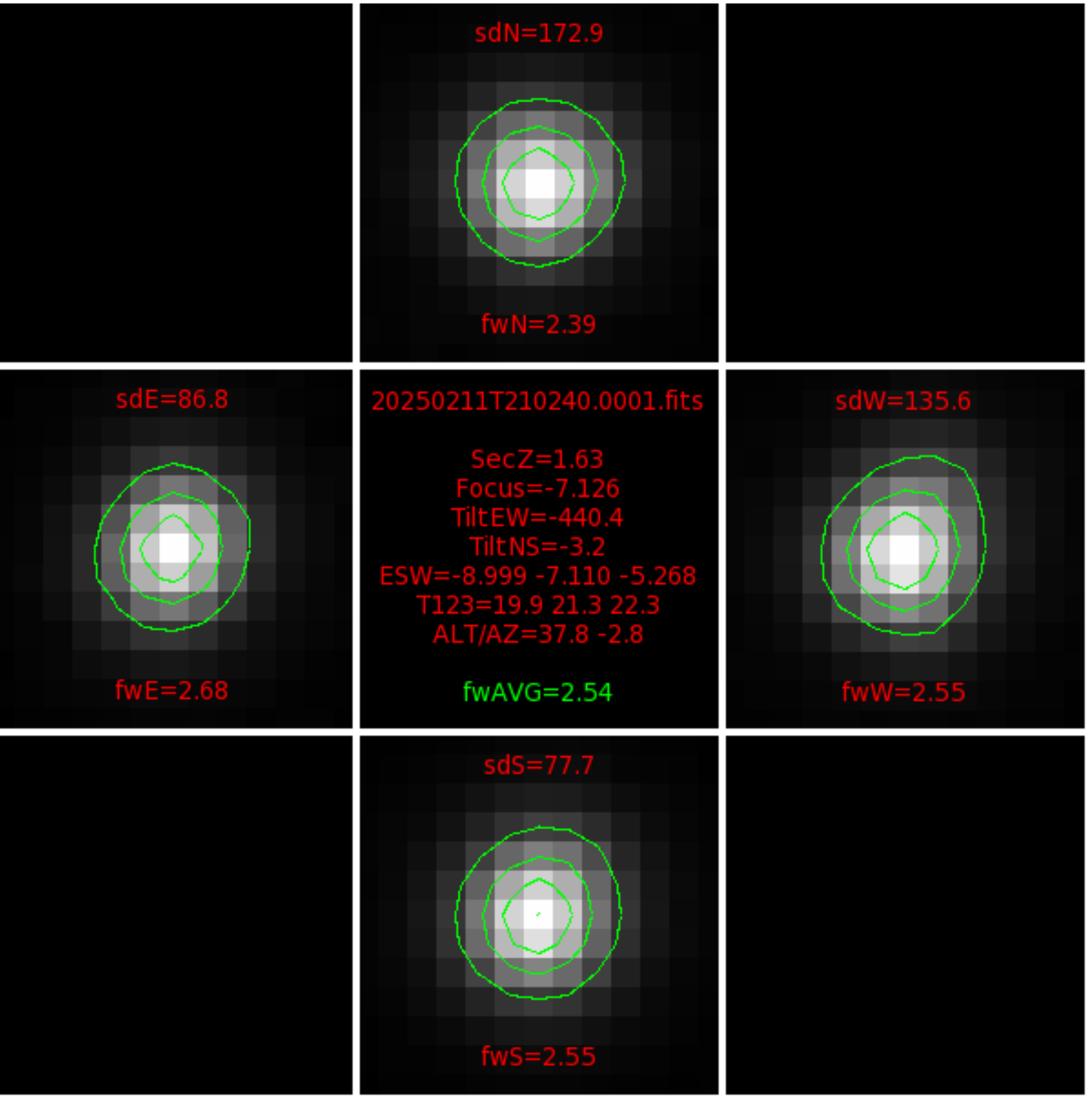
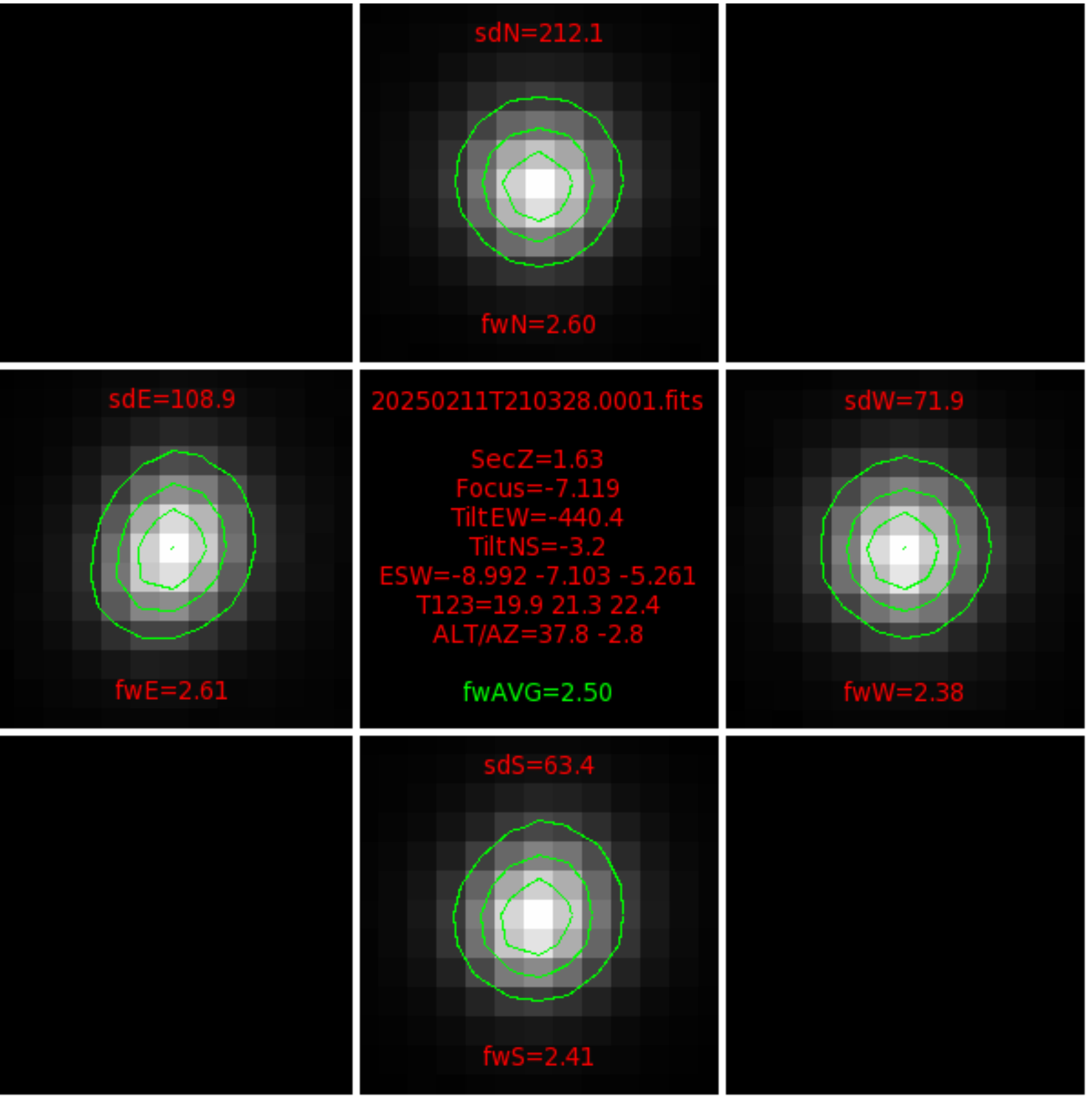
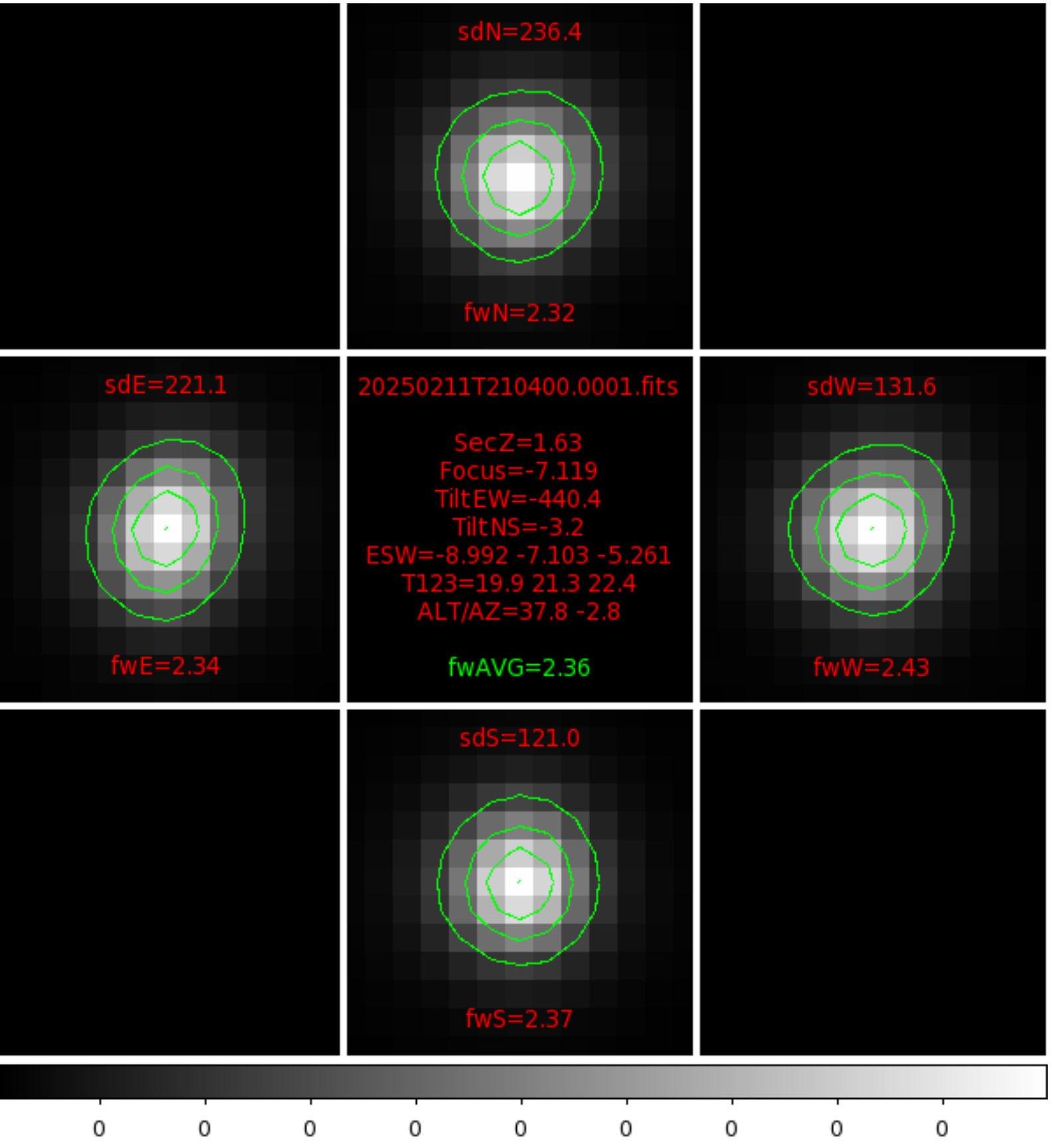
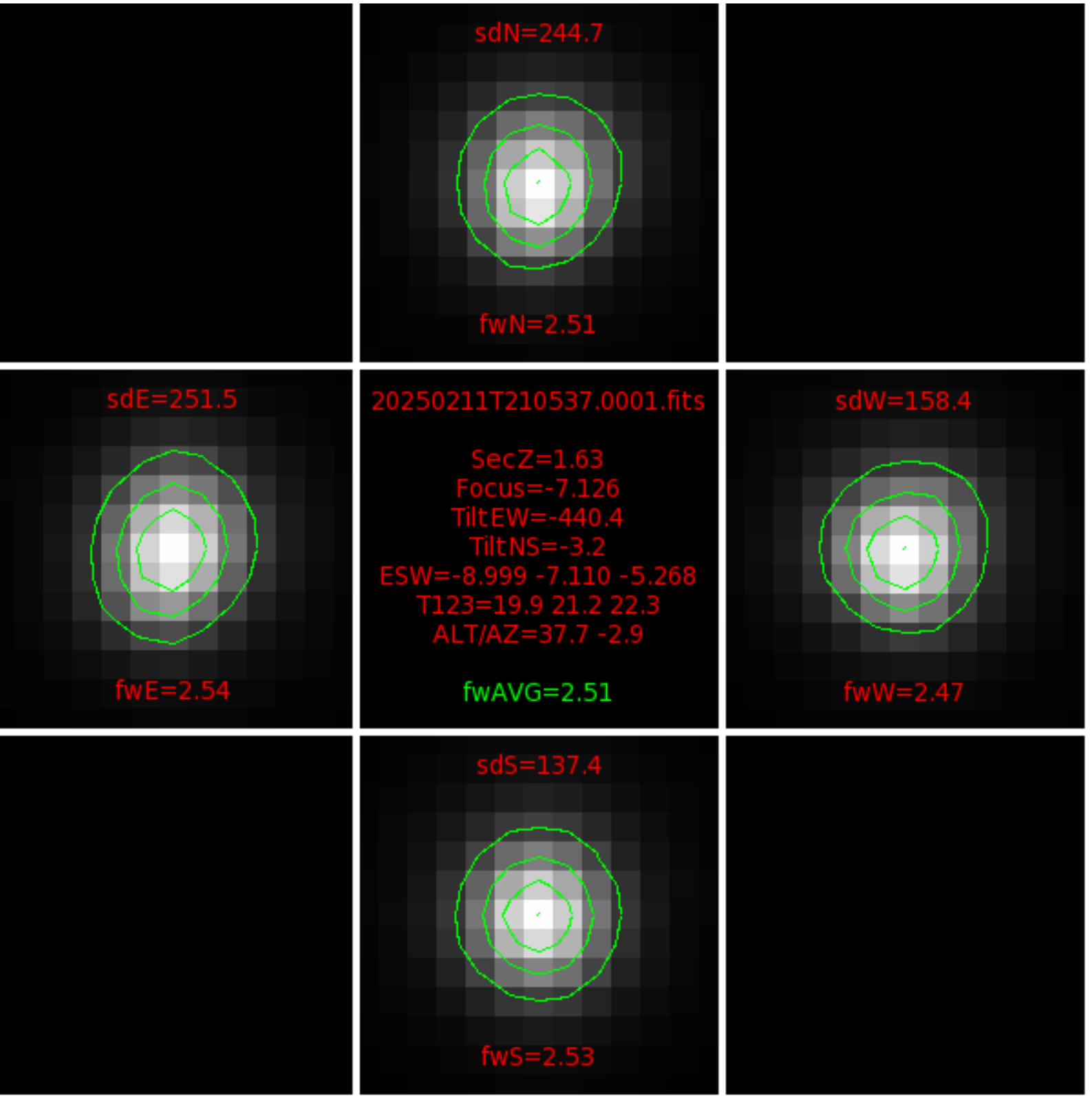
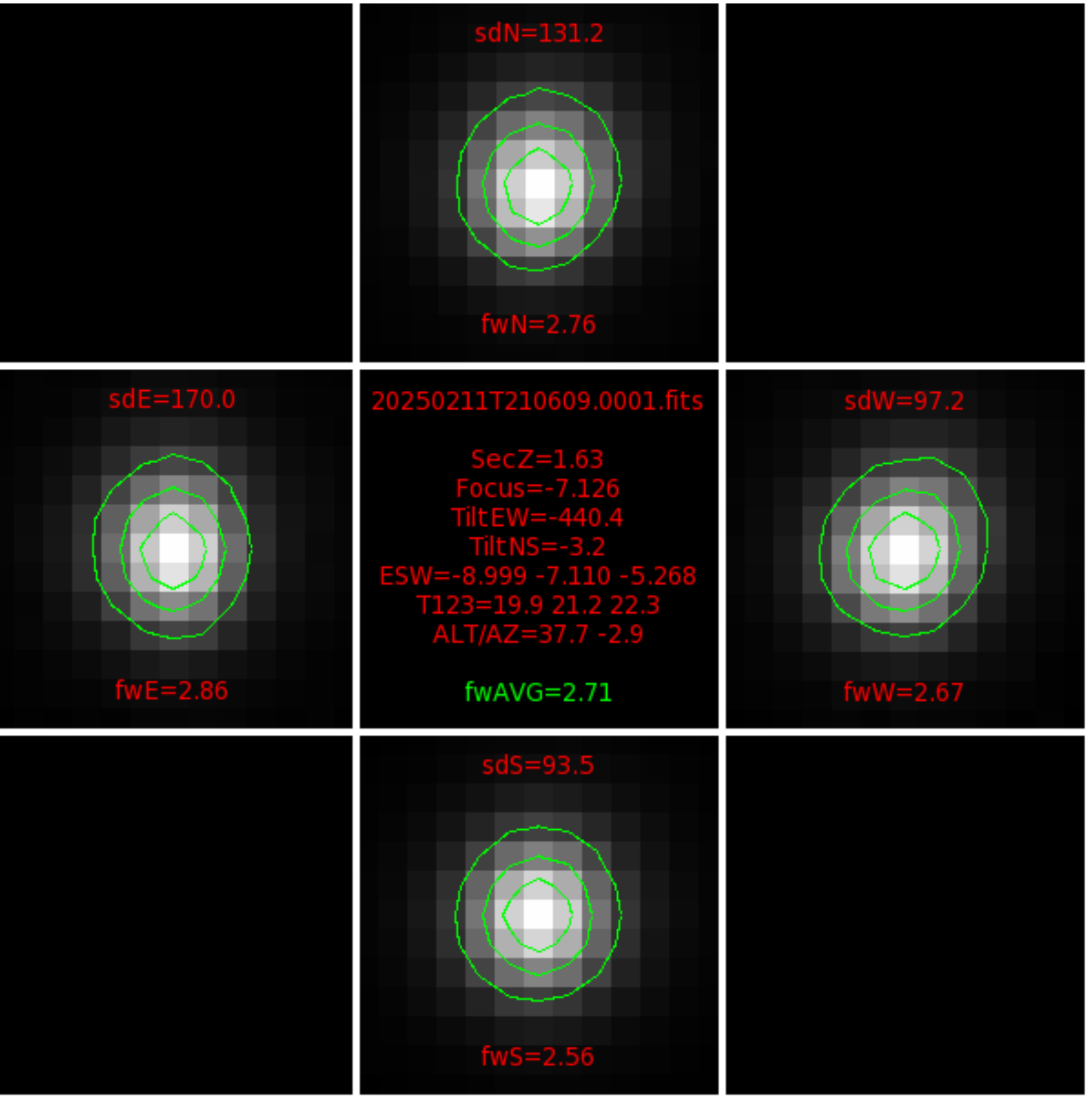

sdN=29.8
fwN=2.63
sdE=30.9
fwE=2.70
20250211T210113.0001.fits
SecZ=1.29
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=20.0 21.3 22.4
ALT/AZ=51.1 -15.7
fwAVG=2.64
sdW=257.6
fwW=2.59
sdS=137.6
fwS=2.63
0 0 0 0 0 0 0 0 0

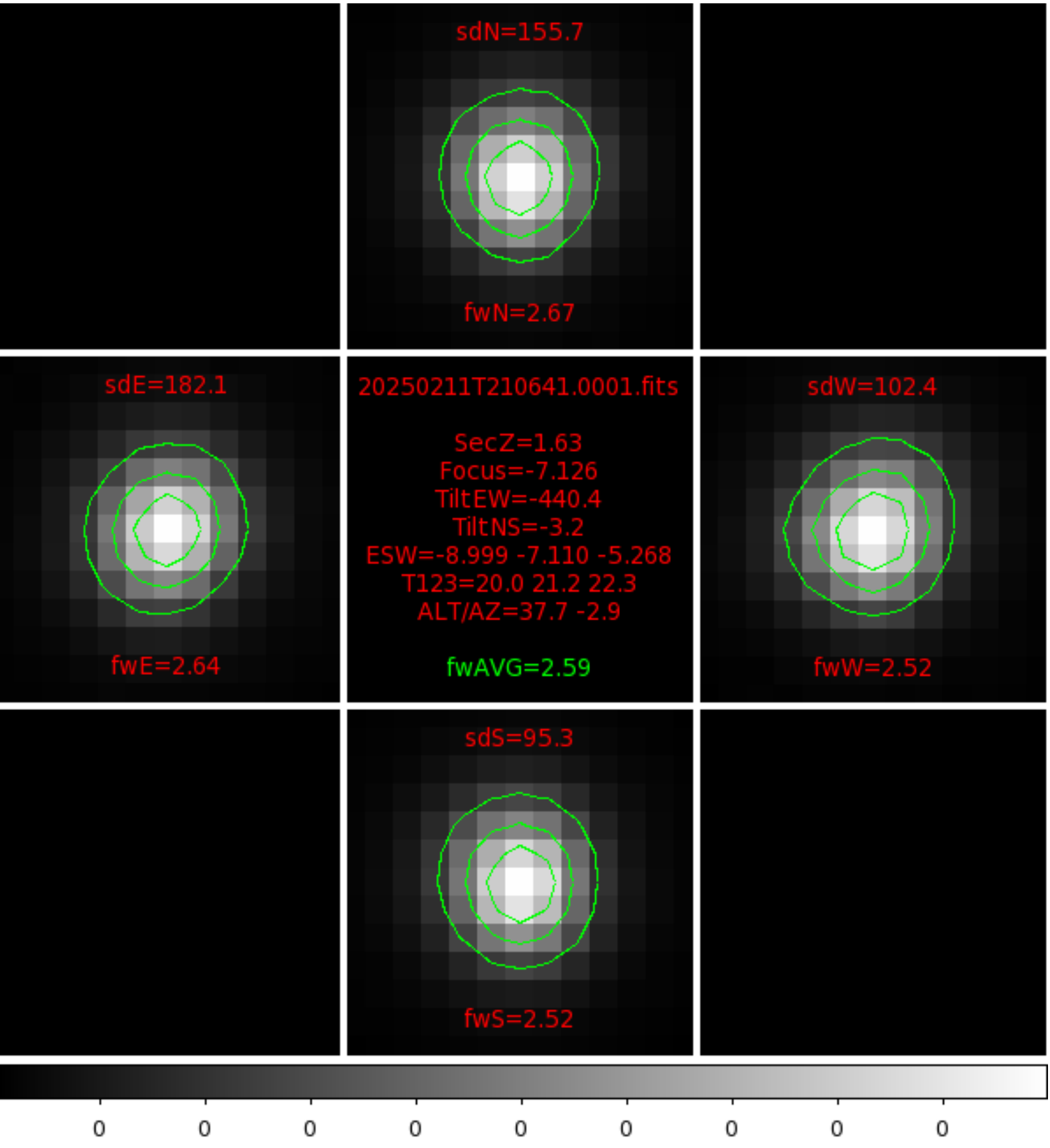

sdN=172.9
fwN=2.39
sdE=86.8
fwE=2.68
20250211T210240.0001.fits
SecZ=1.63
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=19.9 21.3 22.3
ALT/AZ=37.8 -2.8
fwAVG=2.54
sdW=135.6
fwW=2.55
sdS=77.7
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=212.1
fwN=2.60
sdE=108.9
fwE=2.61
20250211T210328.0001.fits
SecZ=1.63
Focus=-7.119
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.992 -7.103 -5.261
T123=19.9 21.3 22.4
ALT/AZ=37.8 -2.8
fwAVG=2.50
sdW=71.9
fwW=2.38
sdS=63.4
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=236.4
fwN=2.32
sdE=221.1
fwE=2.34
20250211T210400.0001.fits
SecZ=1.63
Focus=-7.119
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.992 -7.103 -5.261
T123=19.9 21.3 22.4
ALT/AZ=37.8 -2.8
fwAVG=2.36
sdW=131.6
fwW=2.43
sdS=121.0
fwS=2.37
0 0 0 0 0 0 0 0 0


sdN=244.7
fwN=2.51
sdE=251.5
fwE=2.54
20250211T210537.0001.fits
SecZ=1.63
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=19.9 21.2 22.3
ALT/AZ=37.7 -2.9
fwAVG=2.51
sdW=158.4
fwW=2.47
sdS=137.4
fwS=2.53
0 0 0 0 0 0 0 0 0


sdN=131.2
fwN=2.76
sdE=170.0
fwE=2.86
20250211T210609.0001.fits
SecZ=1.63
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=19.9 21.2 22.3
ALT/AZ=37.7 -2.9
fwAVG=2.71
sdW=97.2
fwW=2.67
sdS=93.5
fwS=2.56
0 0 0 0 0 0 0 0 0


sdN=155.7
fwN=2.67
sdE=182.1
fwE=2.64
20250211T210641.0001.fits
SecZ=1.63
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=20.0 21.2 22.3
ALT/AZ=37.7 -2.9
fwAVG=2.59
sdW=102.4
fwW=2.52
sdS=95.3
fwS=2.52
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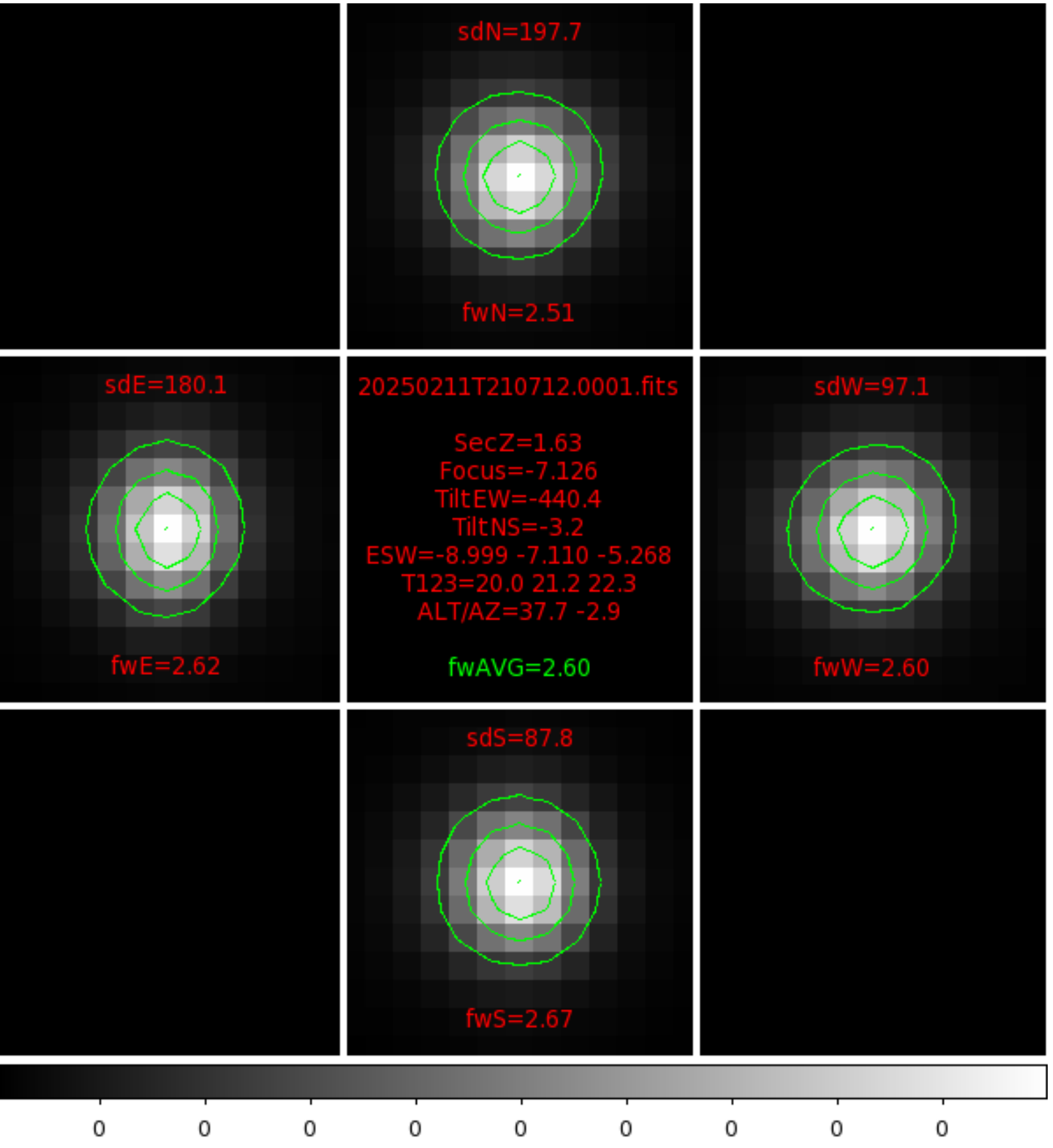
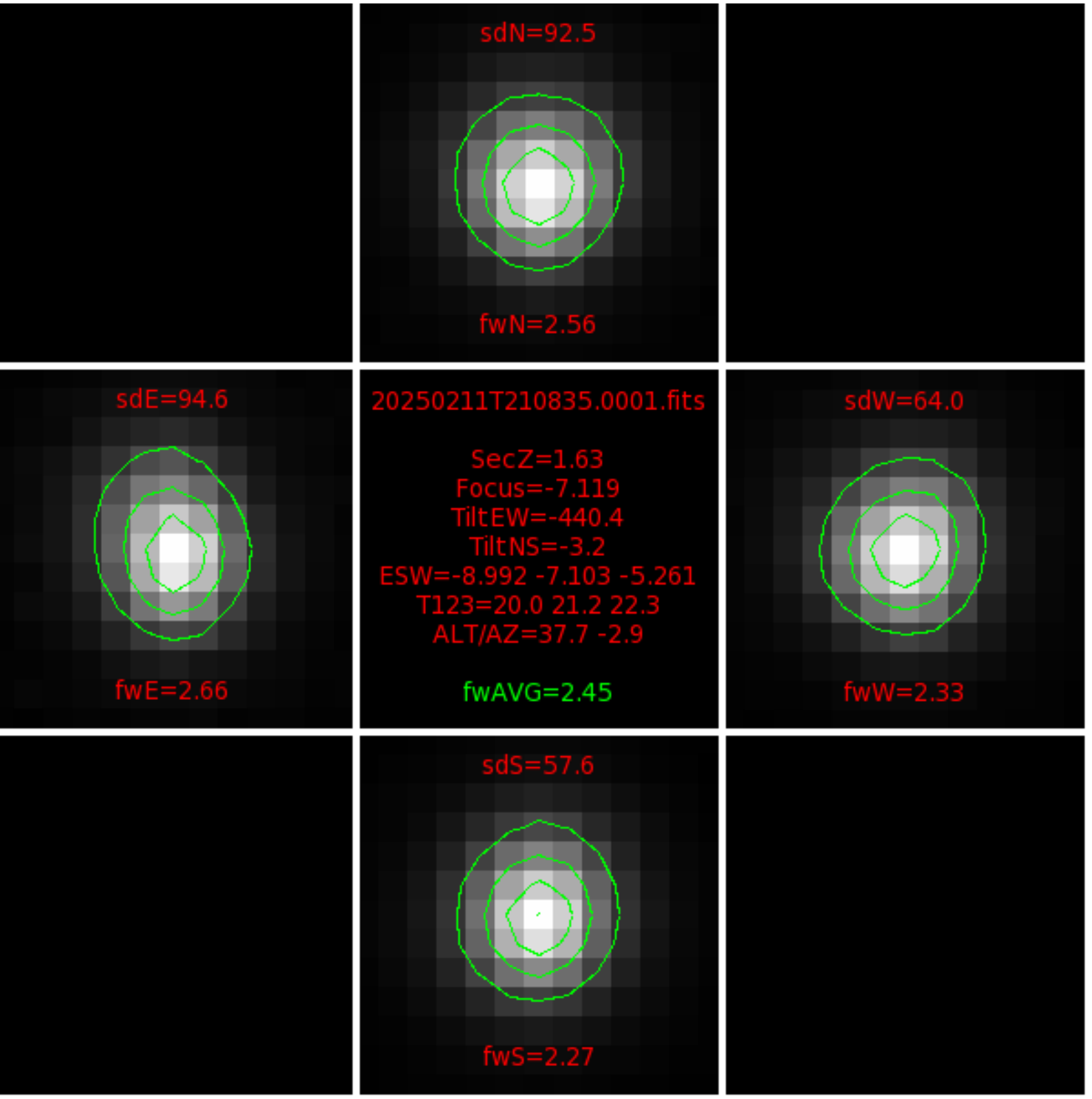
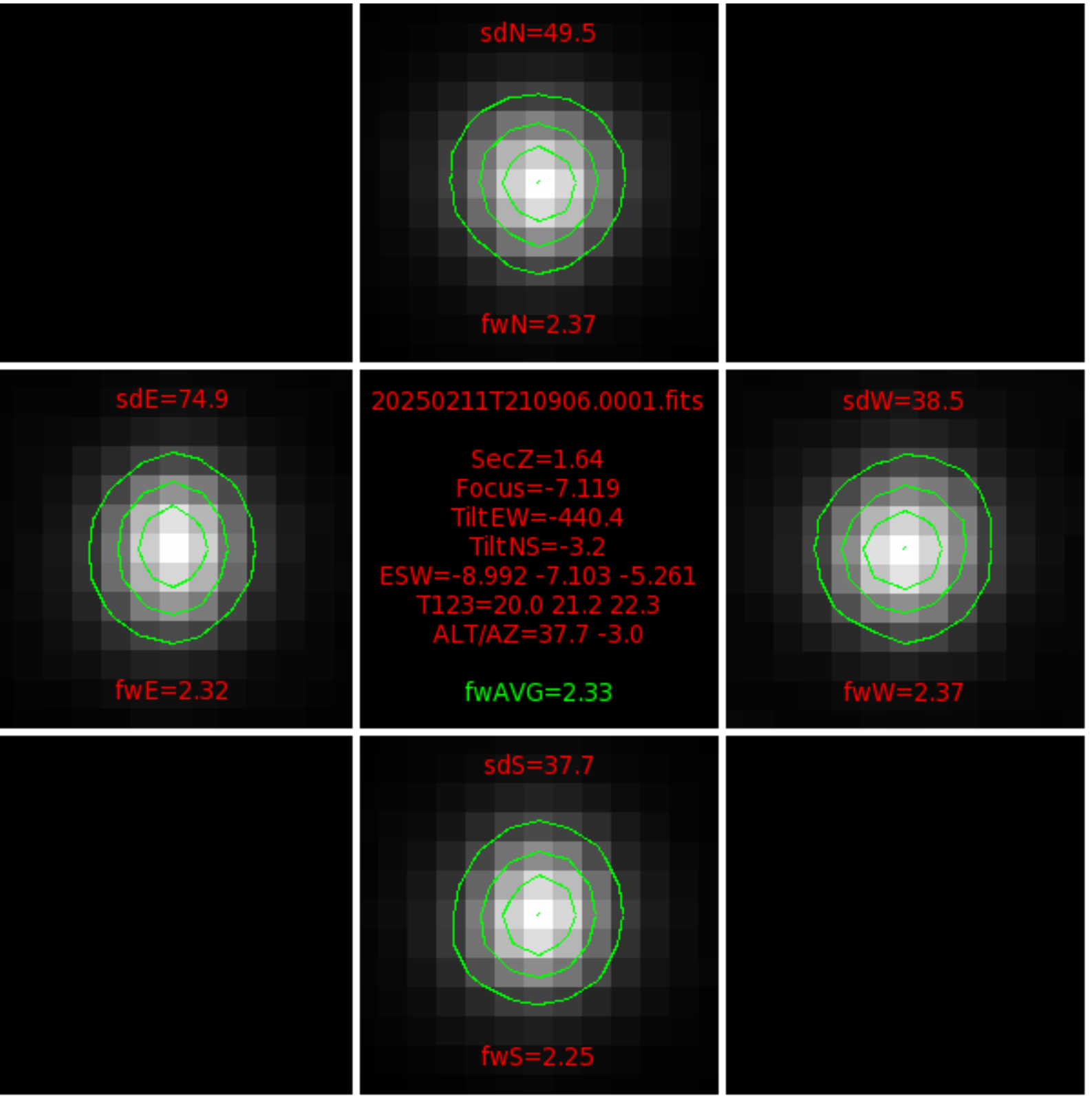

sdN=197.7
fwN=2.51
sdE=180.1
fwE=2.62
20250211T210712.0001.fits
SecZ=1.63
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=20.0 21.2 22.3
ALT/AZ=37.7 -2.9
fwAVG=2.60
sdW=97.1
fwW=2.60
sdS=87.8
fwS=2.67
0 0 0 0 0 0 0 0 0


sdN=92.5
fwN=2.56
sdE=94.6
fwE=2.66
20250211T210835.0001.fits
SecZ=1.63
Focus=-7.119
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.992 -7.103 -5.261
T123=20.0 21.2 22.3
ALT/AZ=37.7 -2.9
fwAVG=2.45
sdW=64.0
fwW=2.33
sdS=57.6
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=49.5
fwN=2.37
sdE=74.9
fwE=2.32
20250211T210906.0001.fits
SecZ=1.64
Focus=-7.119
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.992 -7.103 -5.261
T123=20.0 21.2 22.3
ALT/AZ=37.7 -3.0
fwAVG=2.33
sdW=38.5
fwW=2.37
sdS=37.7
fwS=2.25
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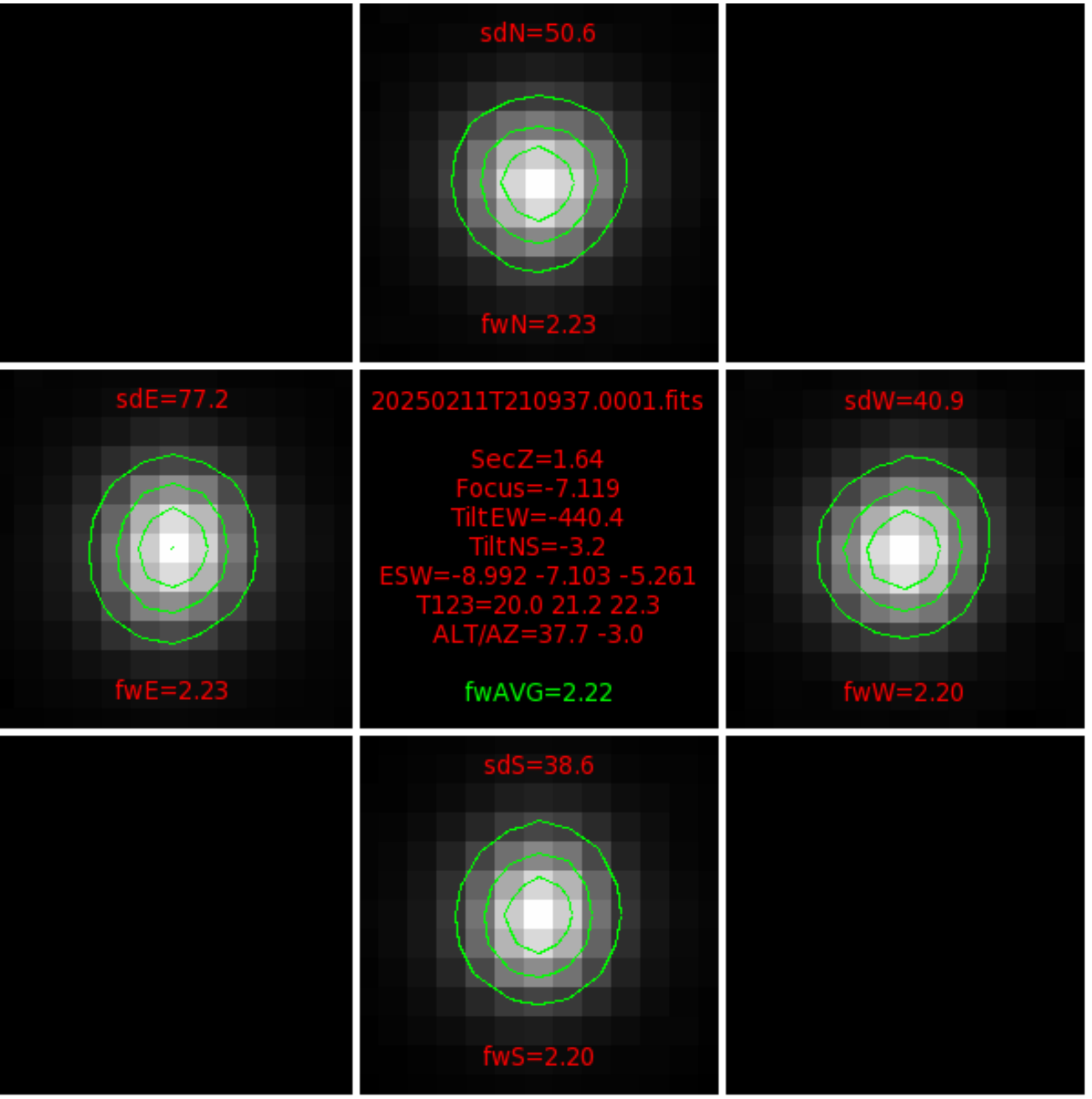
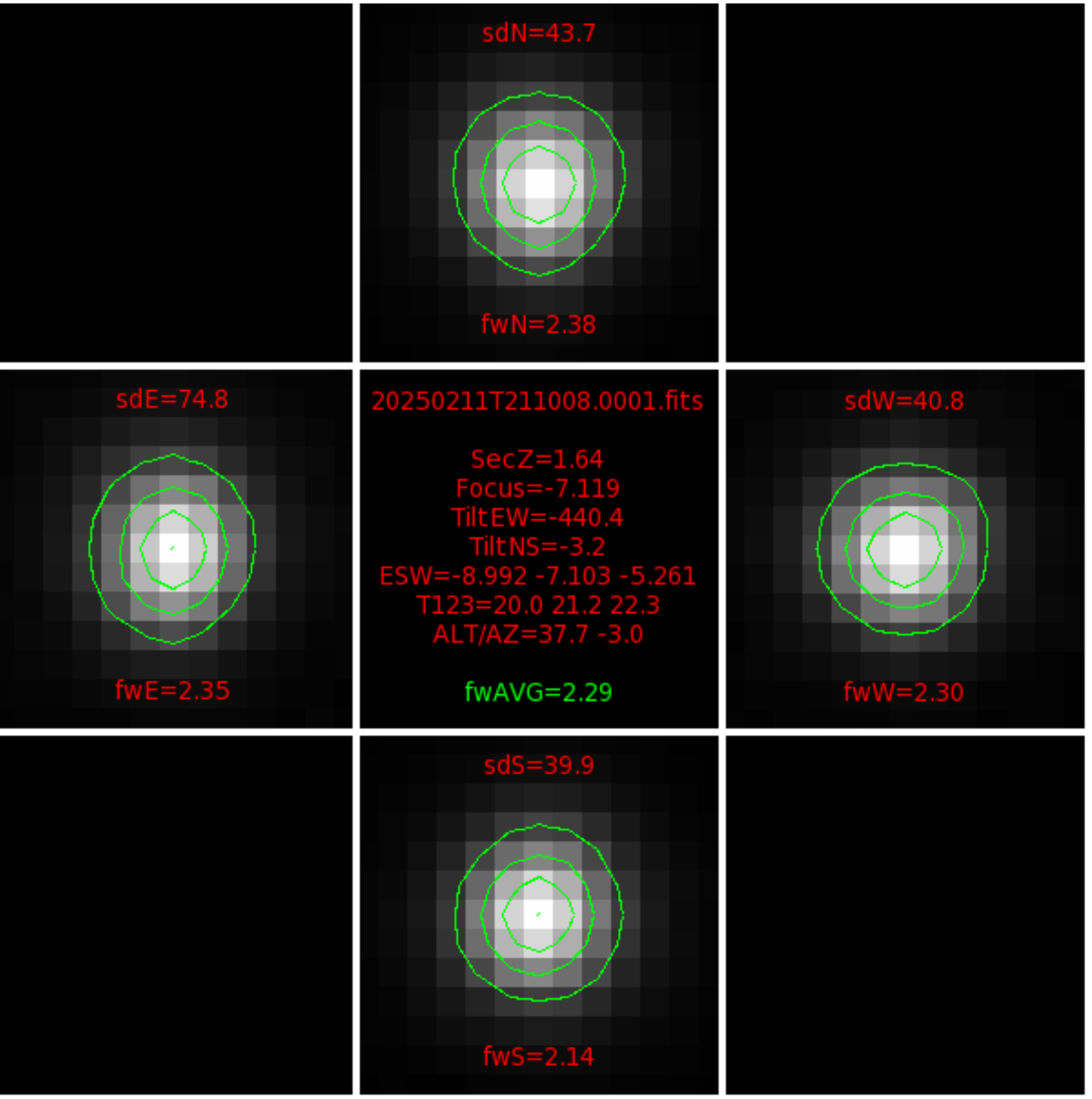

sdN=50.6
fwN=2.23
sdE=77.2
fwE=2.23
20250211T210937.0001.fits
SecZ=1.64
Focus=-7.119
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.992 -7.103 -5.261
T123=20.0 21.2 22.3
ALT/AZ=37.7 -3.0
fwAVG=2.22
sdW=40.9
fwW=2.20
sdS=38.6
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=43.7
fwN=2.38
sdE=74.8
fwE=2.35
20250211T211008.0001.fits
SecZ=1.64
Focus=-7.119
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.992 -7.103 -5.261
T123=20.0 21.2 22.3
ALT/AZ=37.7 -3.0
fwAVG=2.29
sdW=40.8
fwW=2.30
sdS=39.9
fwS=2.14
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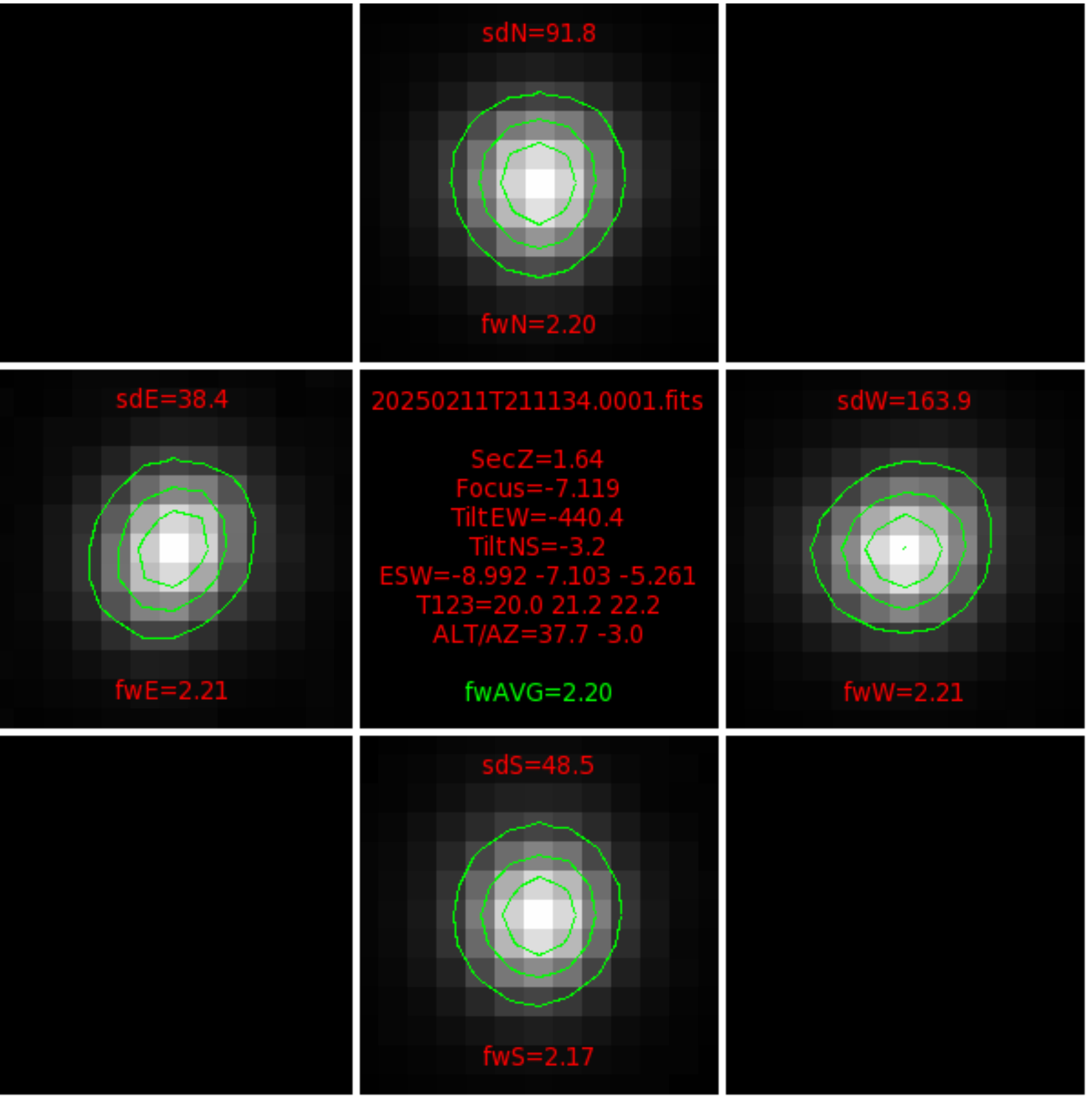
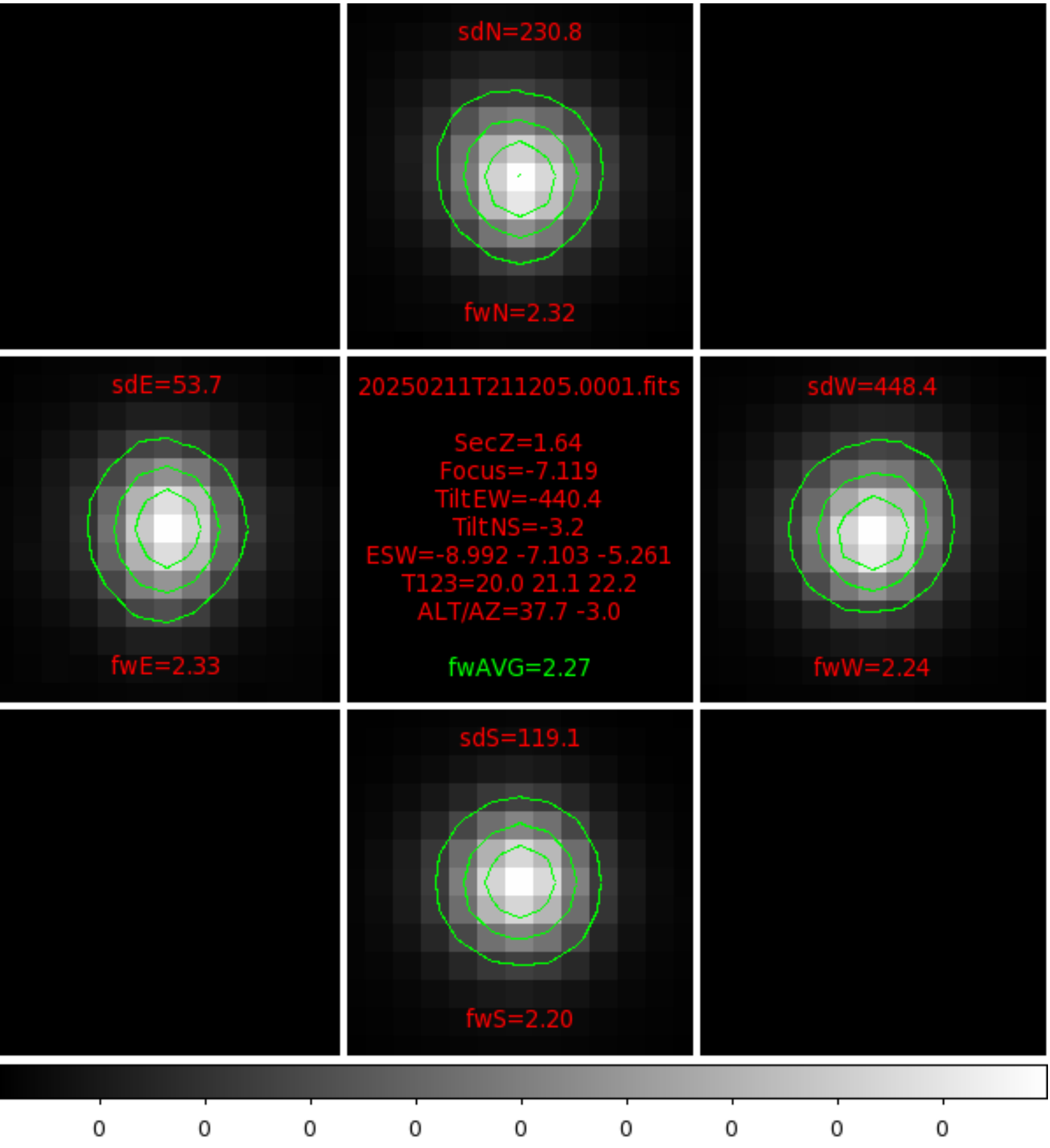
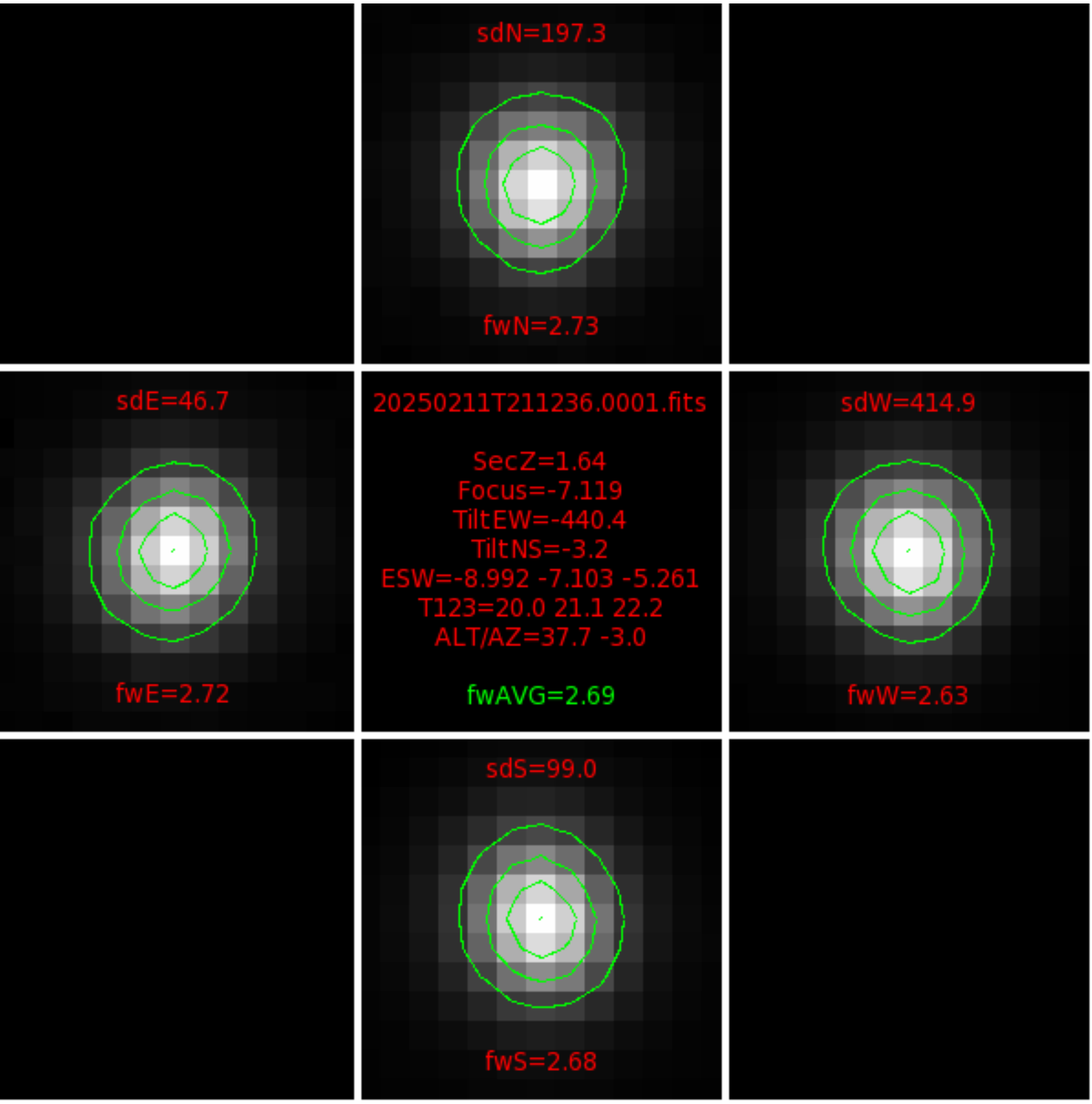
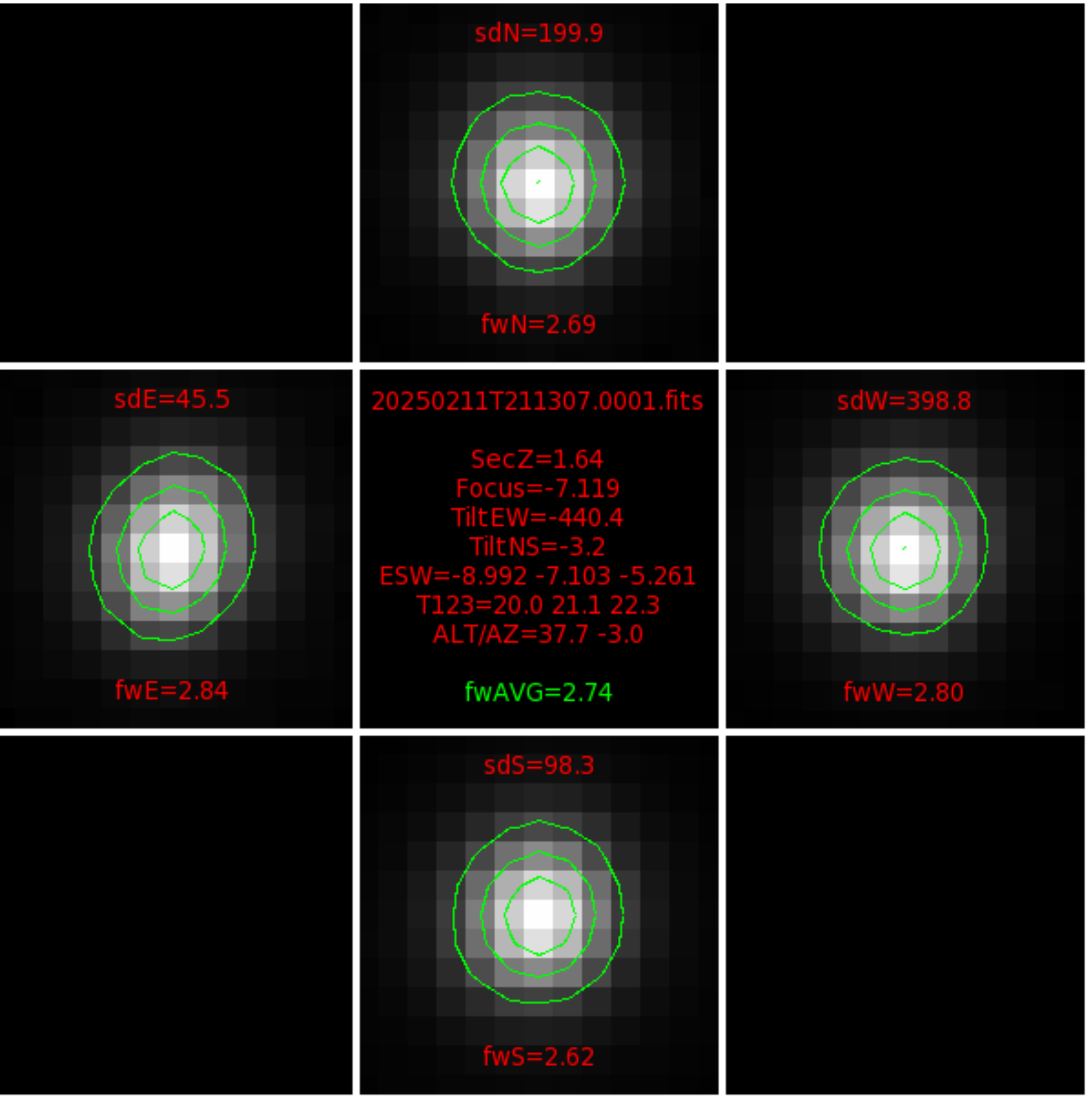
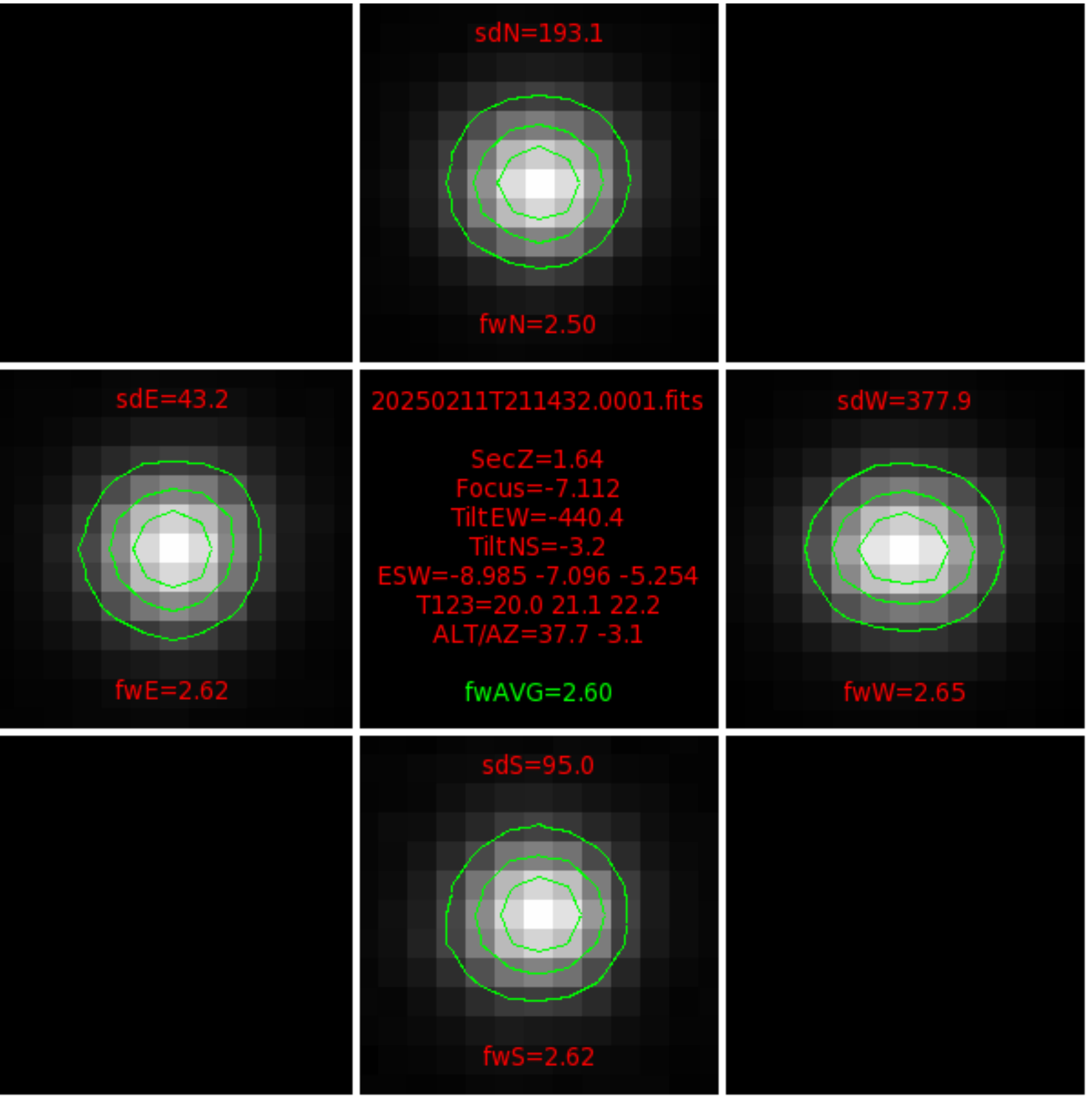
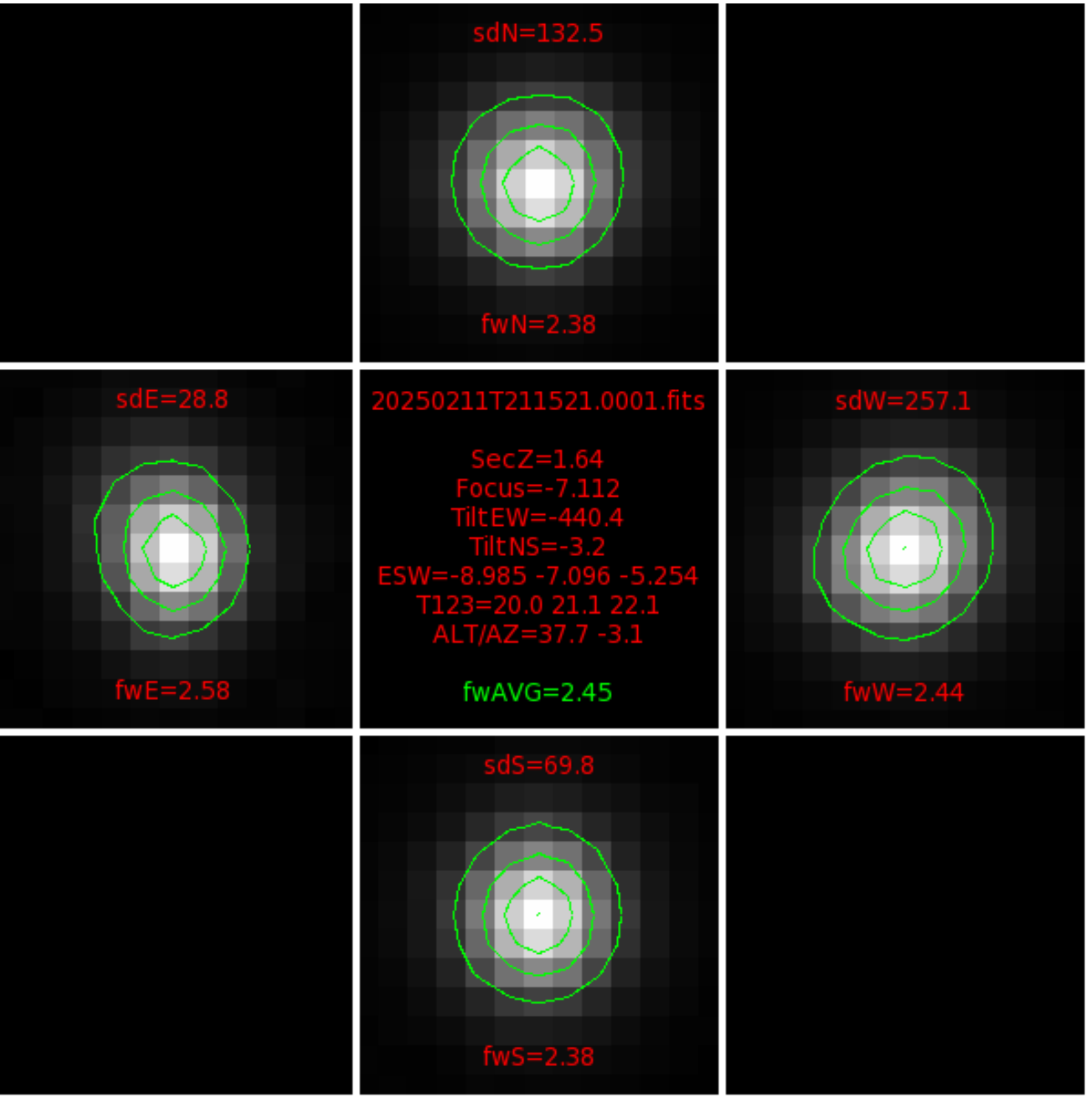

sdN=91.8
fwN=2.20
sdE=38.4
fwE=2.21
20250211T211134.0001.fits
SecZ=1.64
Focus=-7.119
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.992 -7.103 -5.261
T123=20.0 21.2 22.2
ALT/AZ=37.7 -3.0
fwAVG=2.20
sdW=163.9
fwW=2.21
sdS=48.5
fwS=2.17
0 0 0 0 0 0 0 0 0

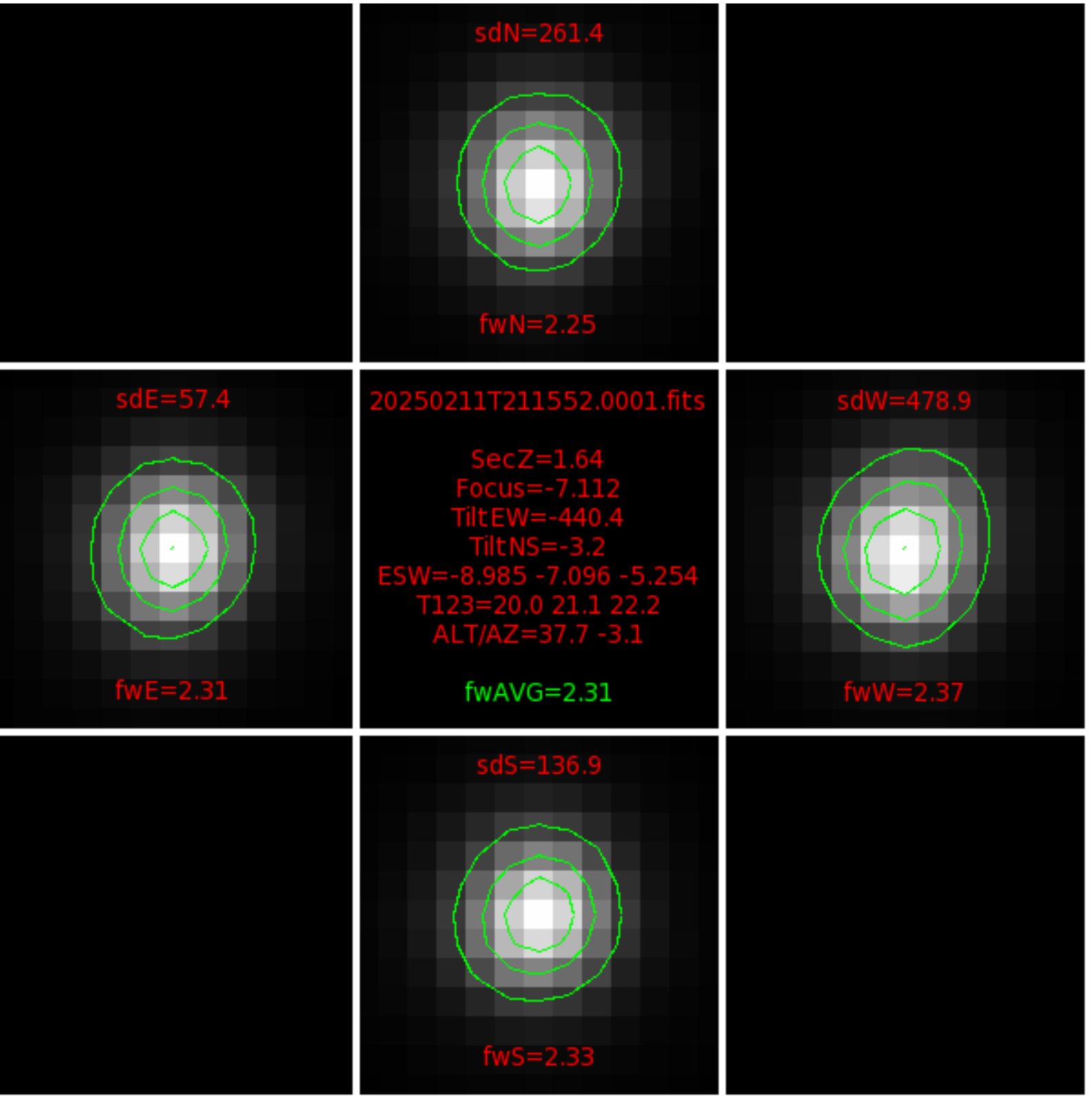

sdN=230.8
fwN=2.32
sdE=53.7
fwE=2.33
20250211T211205.0001.fits
SecZ=1.64
Focus=-7.119
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.992 -7.103 -5.261
T123=20.0 21.1 22.2
ALT/AZ=37.7 -3.0
fwAVG=2.27
sdW=448.4
fwW=2.24
sdS=119.1
fwS=2.20
0 0 0 0 0 0 0 0 0

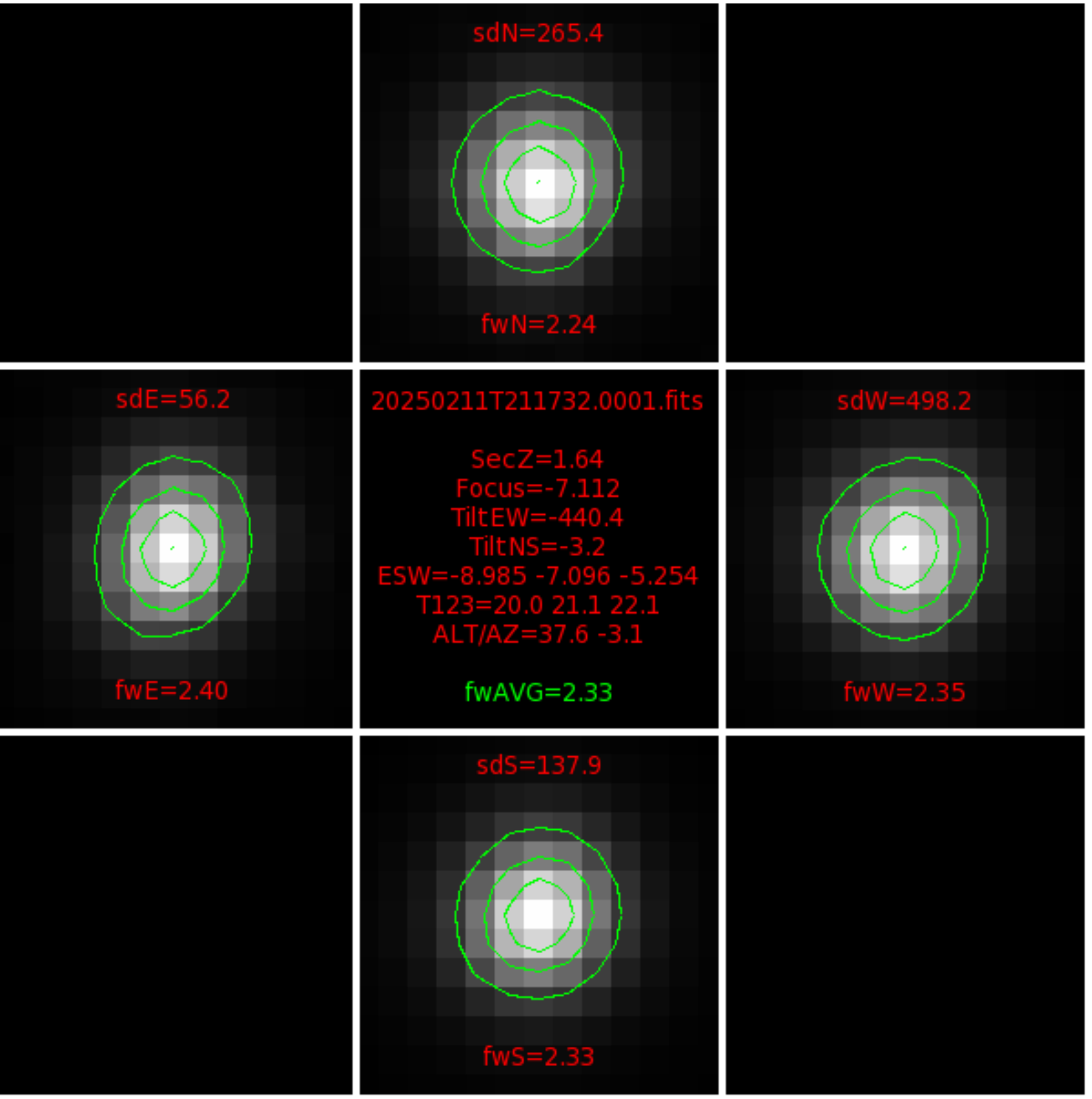

sdN=197.3
fwN=2.73
sdE=46.7
fwE=2.72
20250211T211236.0001.fits
SecZ=1.64
Focus=-7.119
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.992 -7.103 -5.261
T123=20.0 21.1 22.2
ALT/AZ=37.7 -3.0
fwAVG=2.69
sdW=414.9
fwW=2.63
sdS=99.0
fwS=2.68
0 0 0 0 0 0 0 0 0

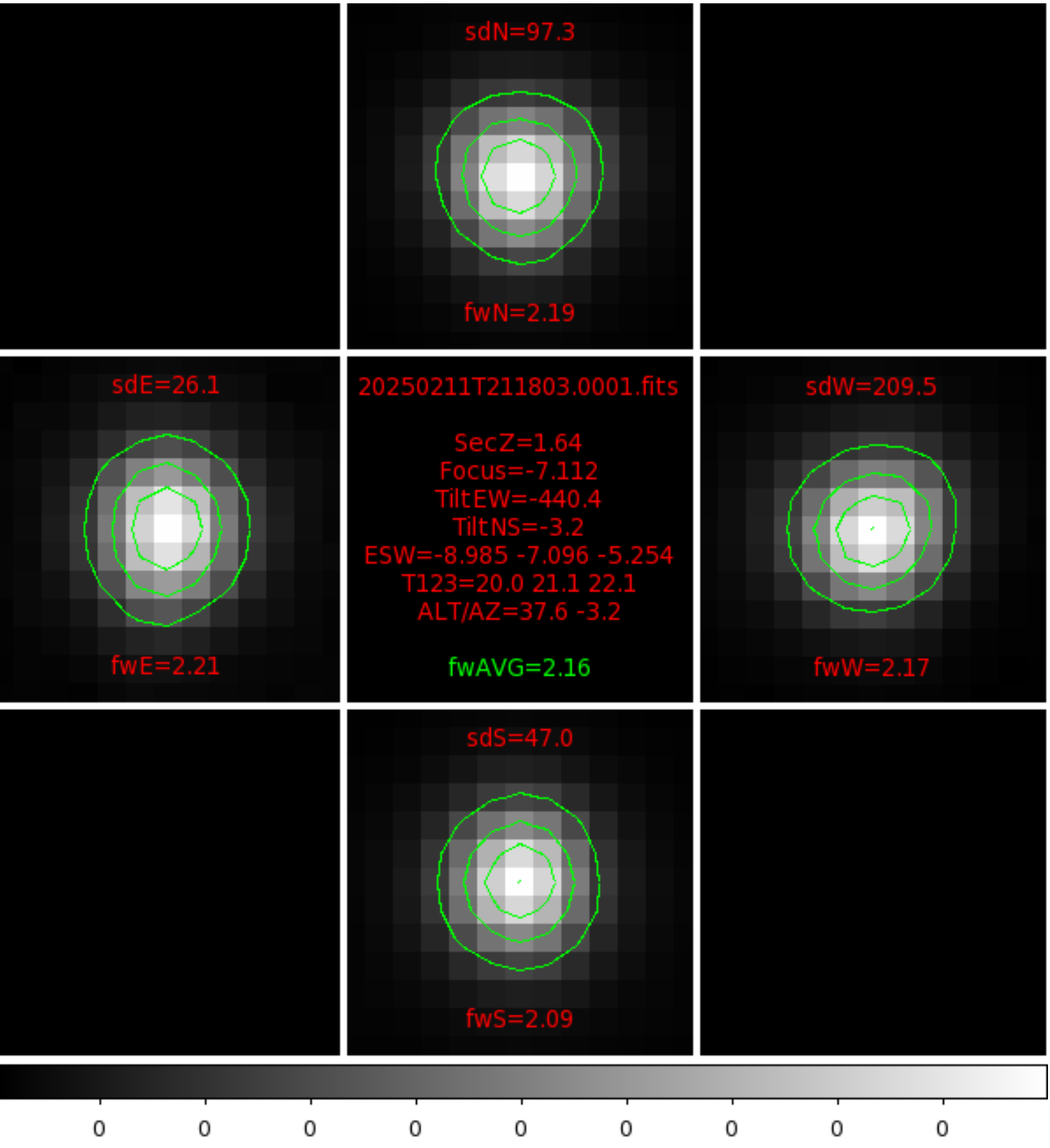

sdN=199.9
fwN=2.69
sdE=45.5
fwE=2.84
20250211T211307.0001.fits
SecZ=1.64
Focus=-7.119
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.992 -7.103 -5.261
T123=20.0 21.1 22.3
ALT/AZ=37.7 -3.0
fwAVG=2.74
sdW=398.8
fwW=2.80
sdS=98.3
fwS=2.62
0 0 0 0 0 0 0 0 0

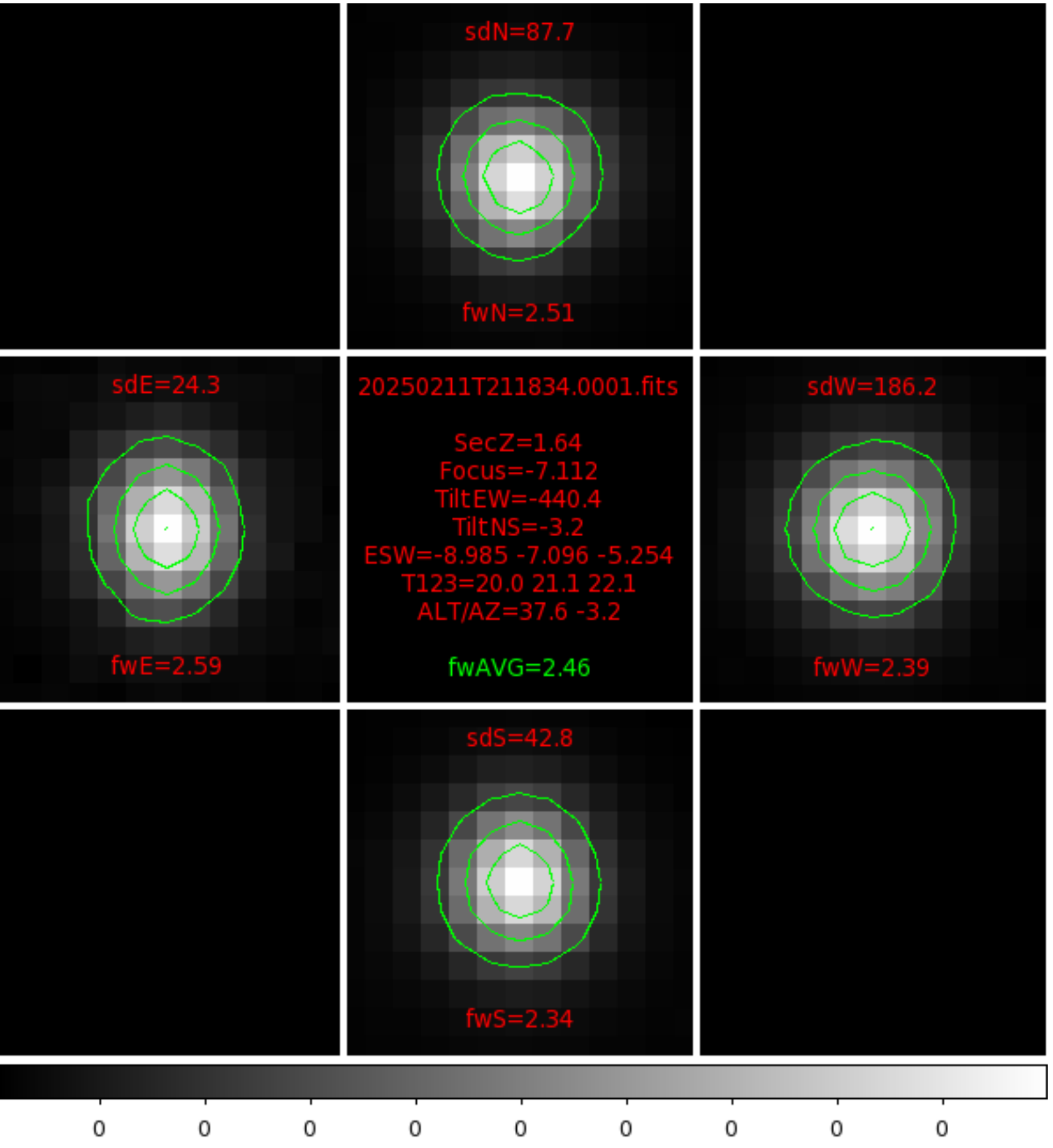

sdN=193.1
fwN=2.50
sdE=43.2
fwE=2.62
20250211T211432.0001.fits
SecZ=1.64
Focus=-7.112
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.985 -7.096 -5.254
T123=20.0 21.1 22.2
ALT/AZ=37.7 -3.1
fwAVG=2.60
sdW=377.9
fwW=2.65
sdS=95.0
fwS=2.62
0 0 0 0 0 0 0 0 0

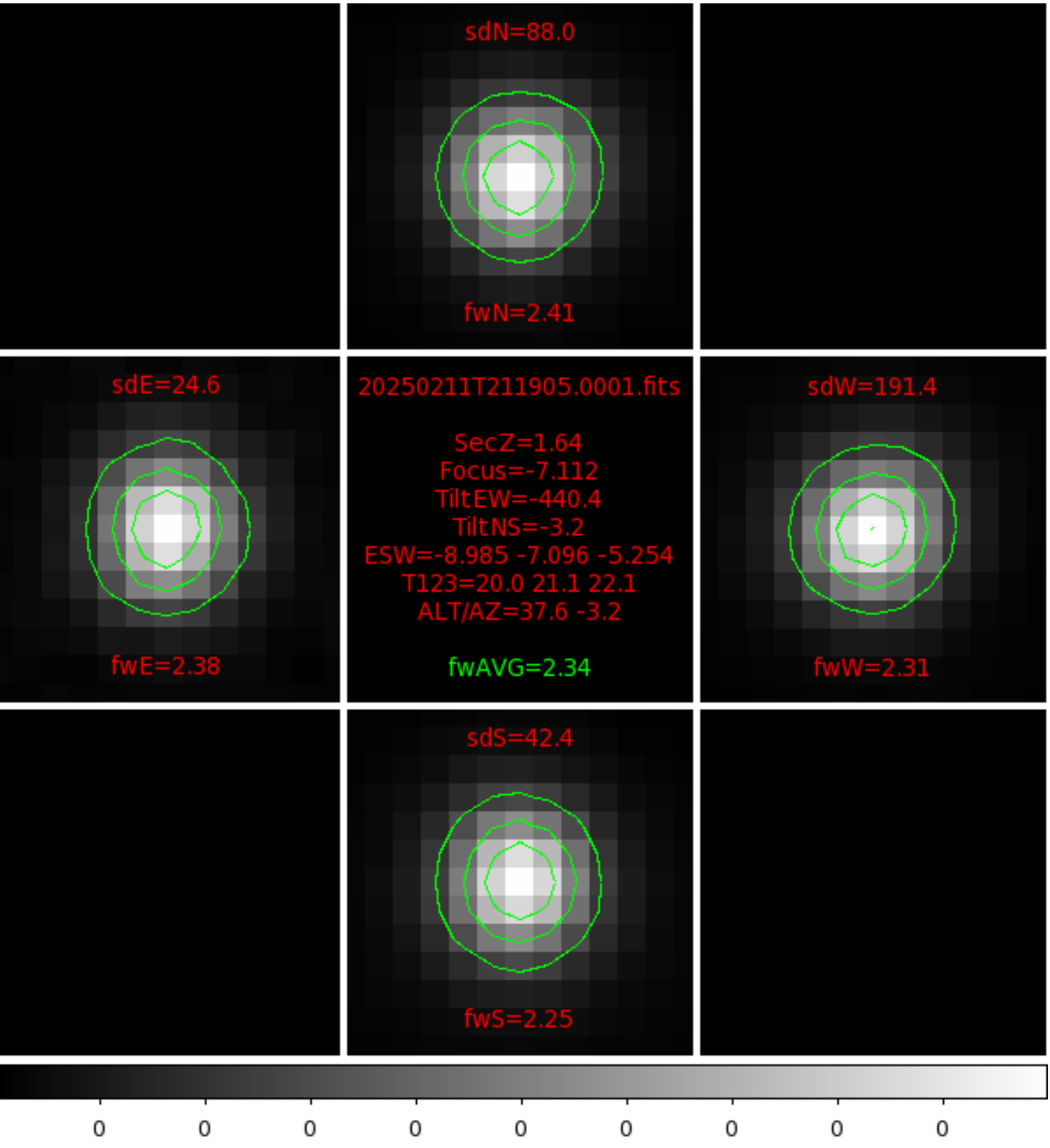

sdN=132.5
fwN=2.38
sdE=28.8
fwE=2.58
20250211T211521.0001.fits
SecZ=1.64
Focus=-7.112
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.985 -7.096 -5.254
T123=20.0 21.1 22.1
ALT/AZ=37.7 -3.1
fwAVG=2.45
sdW=257.1
fwW=2.44
sdS=69.8
fwS=2.38
0 0 0 0 0 0 0 0 0

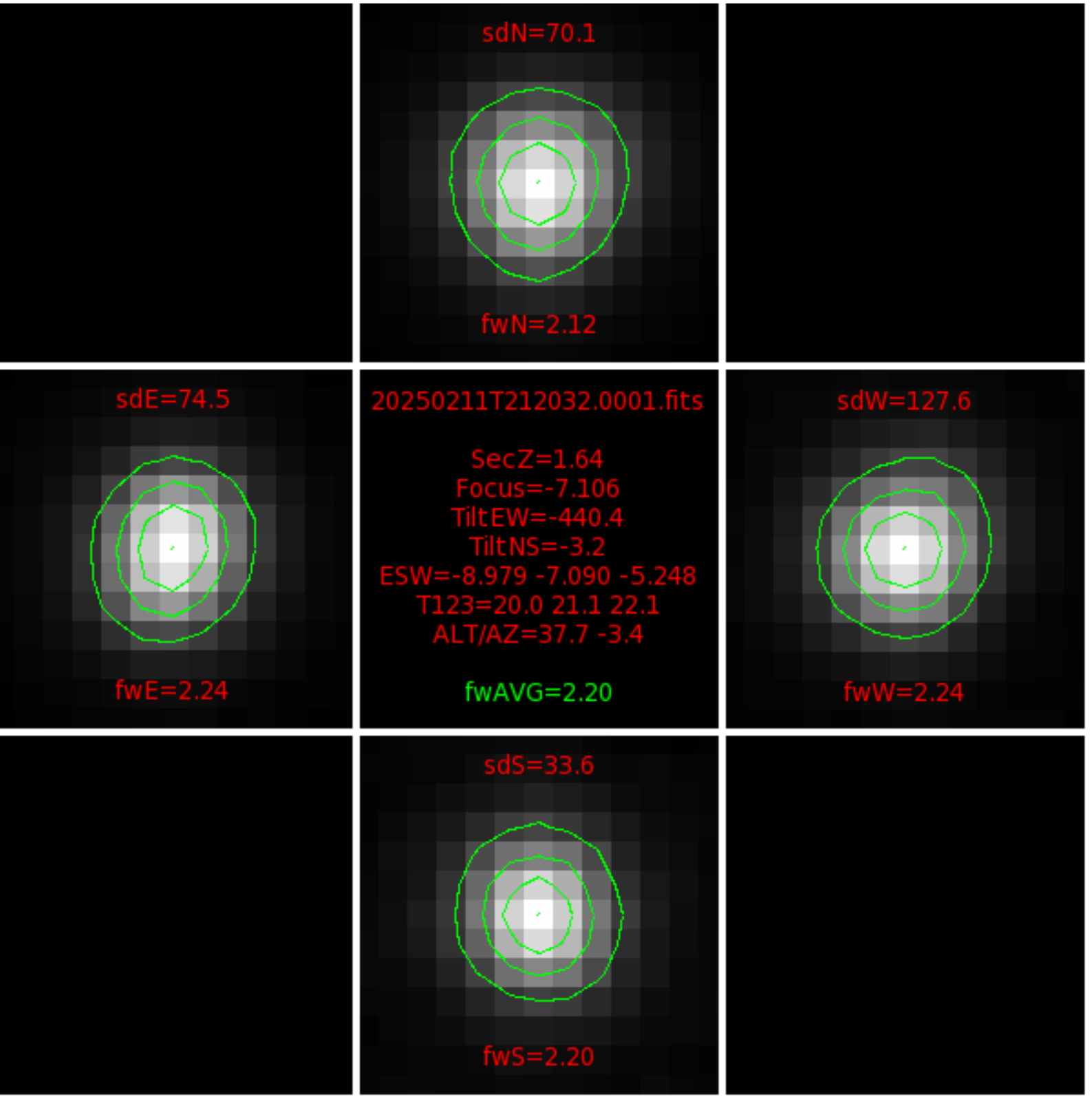

sdN=261.4
fwN=2.25
sdE=57.4
fwE=2.31
20250211T211552.0001.fits
SecZ=1.64
Focus=-7.112
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.985 -7.096 -5.254
T123=20.0 21.1 22.2
ALT/AZ=37.7 -3.1
fwAVG=2.31
sdW=478.9
fwW=2.37
sdS=136.9
fwS=2.33
0 0 0 0 0 0 0 0 0

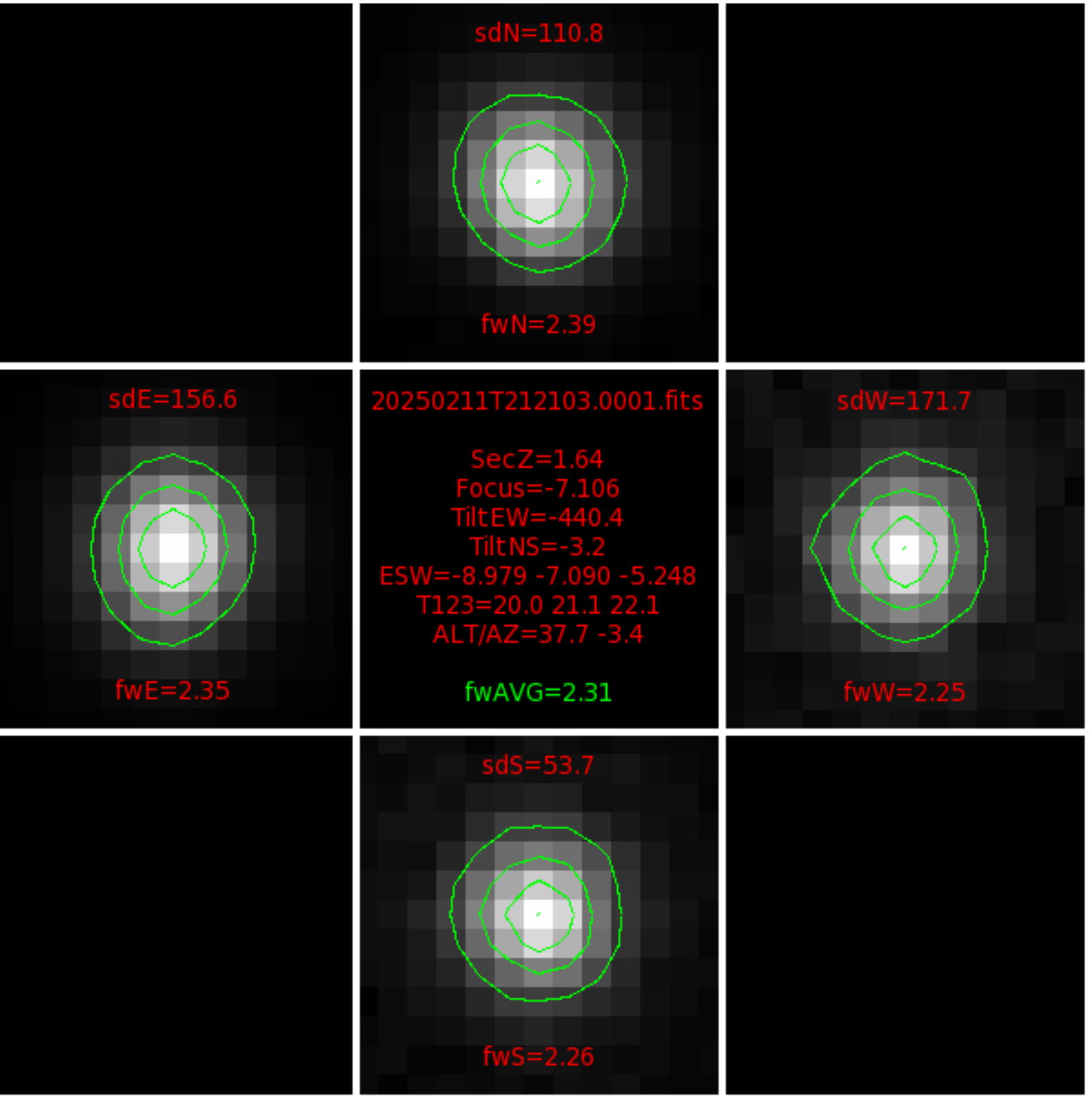

sdN=265.4
fwN=2.24
sdE=56.2
fwE=2.40
20250211T211732.0001.fits
SecZ=1.64
Focus=-7.112
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.985 -7.096 -5.254
T123=20.0 21.1 22.1
ALT/AZ=37.6 -3.1
fwAVG=2.33
sdW=498.2
fwW=2.35
sdS=137.9
fwS=2.33
0 0 0 0 0 0 0 0 0

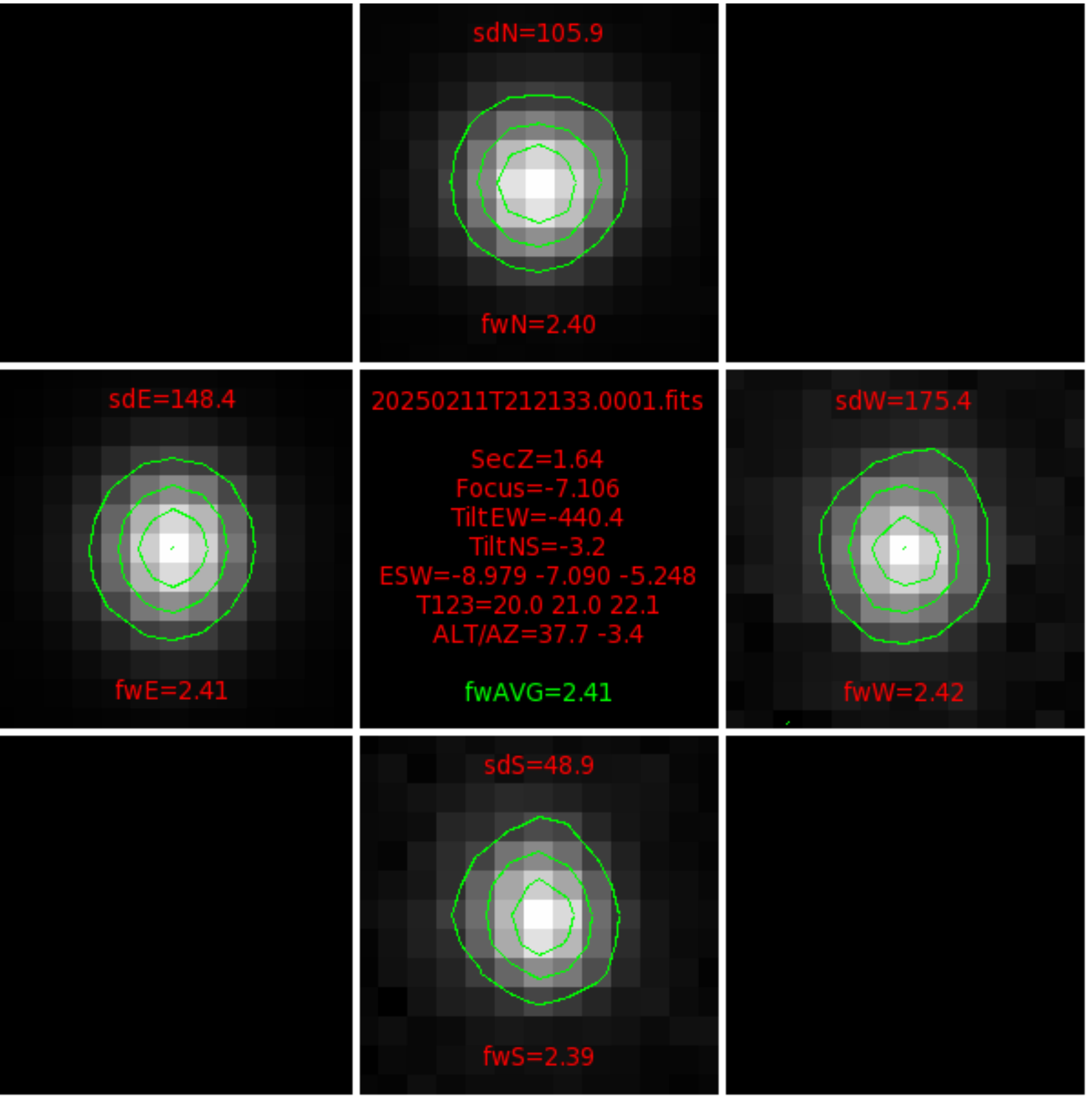

sdN=97.3
fwN=2.19
sdE=26.1
fwE=2.21
20250211T211803.0001.fits
SecZ=1.64
Focus=-7.112
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.985 -7.096 -5.254
T123=20.0 21.1 22.1
ALT/AZ=37.6 -3.2
fwAVG=2.16
sdW=209.5
fwW=2.17
sdS=47.0
fwS=2.09
0 0 0 0 0 0 0 0 0

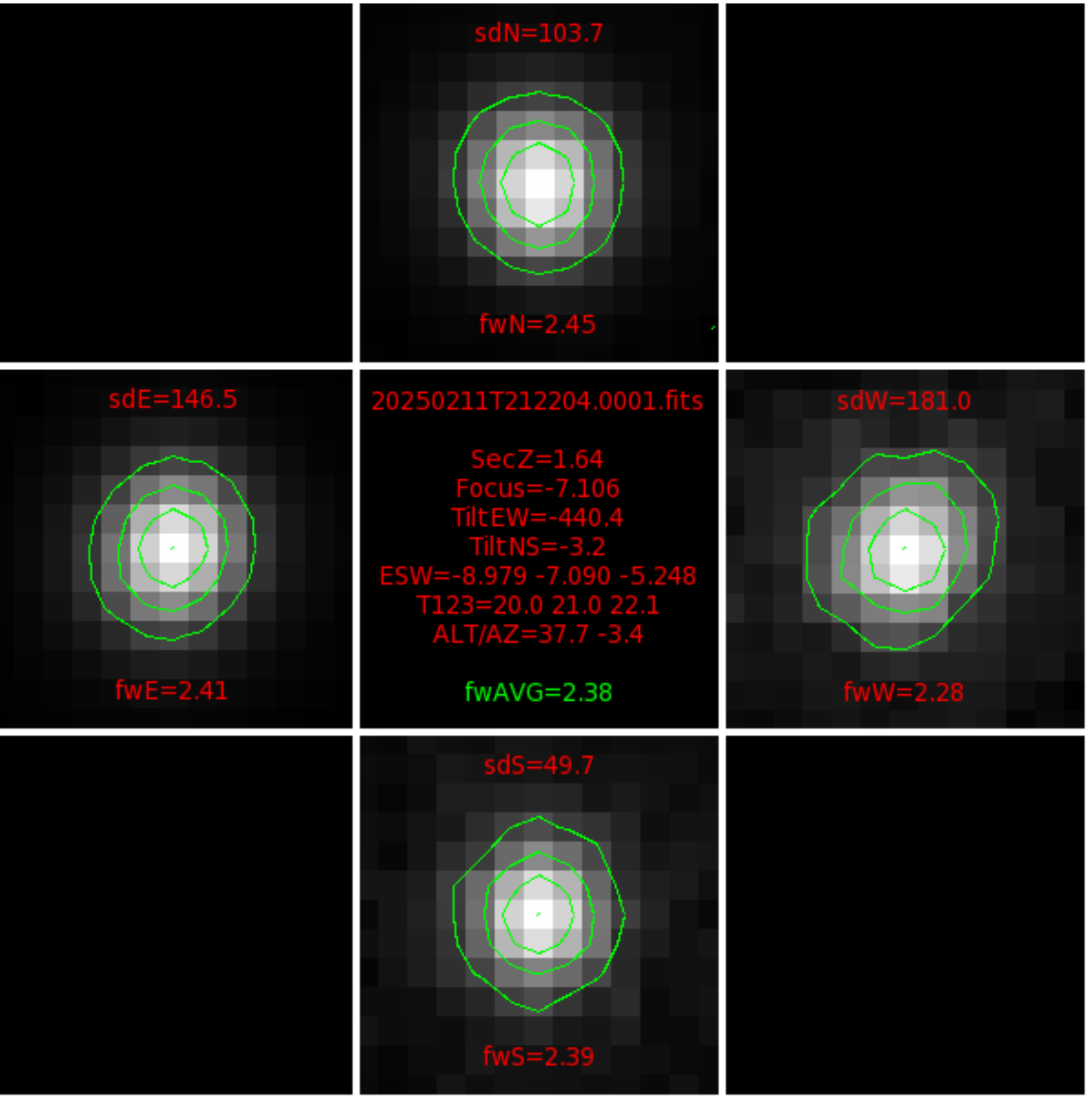

sdN=87.7
fwN=2.51
sdE=24.3
fwE=2.59
20250211T211834.0001.fits
SecZ=1.64
Focus=-7.112
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.985 -7.096 -5.254
T123=20.0 21.1 22.1
ALT/AZ=37.6 -3.2
fwAVG=2.46
sdW=186.2
fwW=2.39
sdS=42.8
fwS=2.34
0 0 0 0 0 0 0 0 0

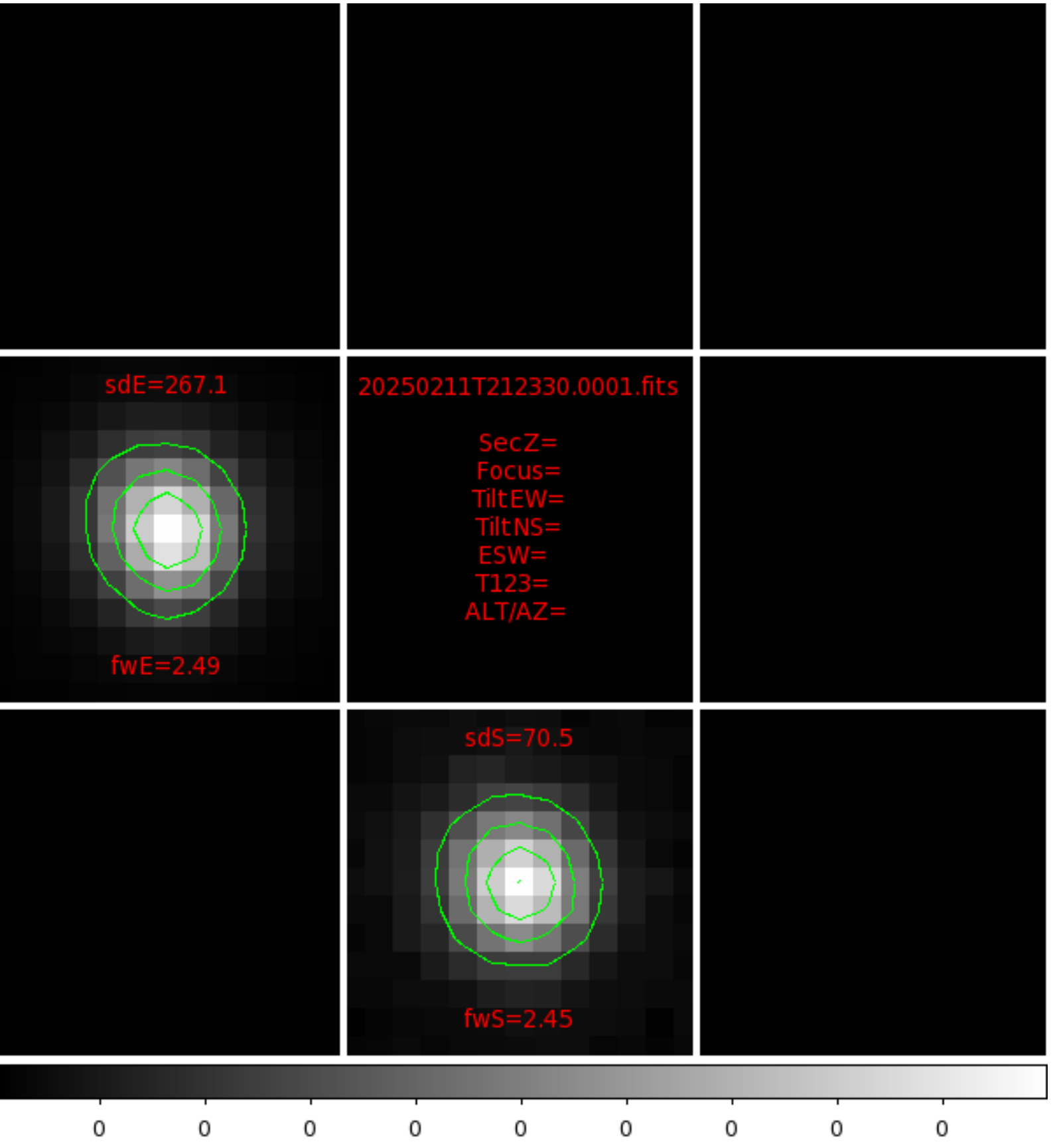

sdN=88.0
fwN=2.41
sdE=24.6
fwE=2.38
20250211T211905.0001.fits
SecZ=1.64
Focus=-7.112
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.985 -7.096 -5.254
T123=20.0 21.1 22.1
ALT/AZ=37.6 -3.2
fwAVG=2.34
sdW=191.4
fwW=2.31
sdS=42.4
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=70.1
fwN=2.12
sdE=74.5
fwE=2.24
20250211T212032.0001.fits
SecZ=1.64
Focus=-7.106
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.979 -7.090 -5.248
T123=20.0 21.1 22.1
ALT/AZ=37.7 -3.4
fwAVG=2.20
sdW=127.6
fwW=2.24
sdS=33.6
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=110.8
fwN=2.39
sdE=156.6
fwE=2.35
20250211T212103.0001.fits
SecZ=1.64
Focus=-7.106
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.979 -7.090 -5.248
T123=20.0 21.1 22.1
ALT/AZ=37.7 -3.4
fwAVG=2.31
sdW=171.7
fwW=2.25
sdS=53.7
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=105.9
fwN=2.40
sdE=148.4
fwE=2.41
20250211T212133.0001.fits
SecZ=1.64
Focus=-7.106
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.979 -7.090 -5.248
T123=20.0 21.0 22.1
ALT/AZ=37.7 -3.4
fwAVG=2.41
sdW=175.4
fwW=2.42
sdS=48.9
fwS=2.39
0 0 0 0 0 0 0 0 0


sdN=103.7
fwN=2.45
sdE=146.5
fwE=2.41
20250211T212204.0001.fits
SecZ=1.64
Focus=-7.106
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.979 -7.090 -5.248
T123=20.0 21.0 22.1
ALT/AZ=37.7 -3.4
fwAVG=2.38
sdW=181.0
fwW=2.28
sdS=49.7
fwS=2.39
0 0 0 0 0 0 0 0 0


sdE=267.1
20250211T212330.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=2.49
sdS=70.5
fwS=2.45
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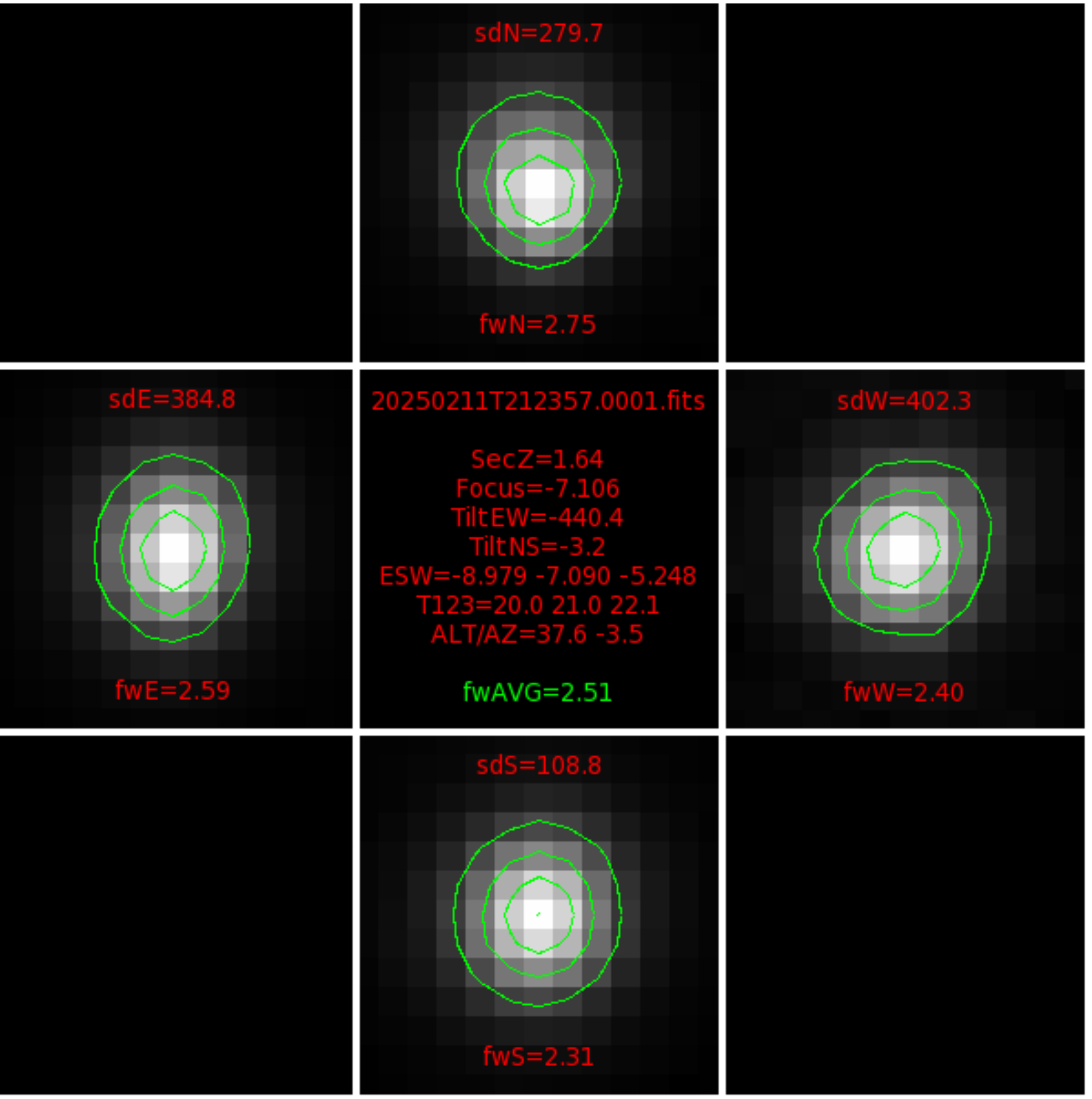
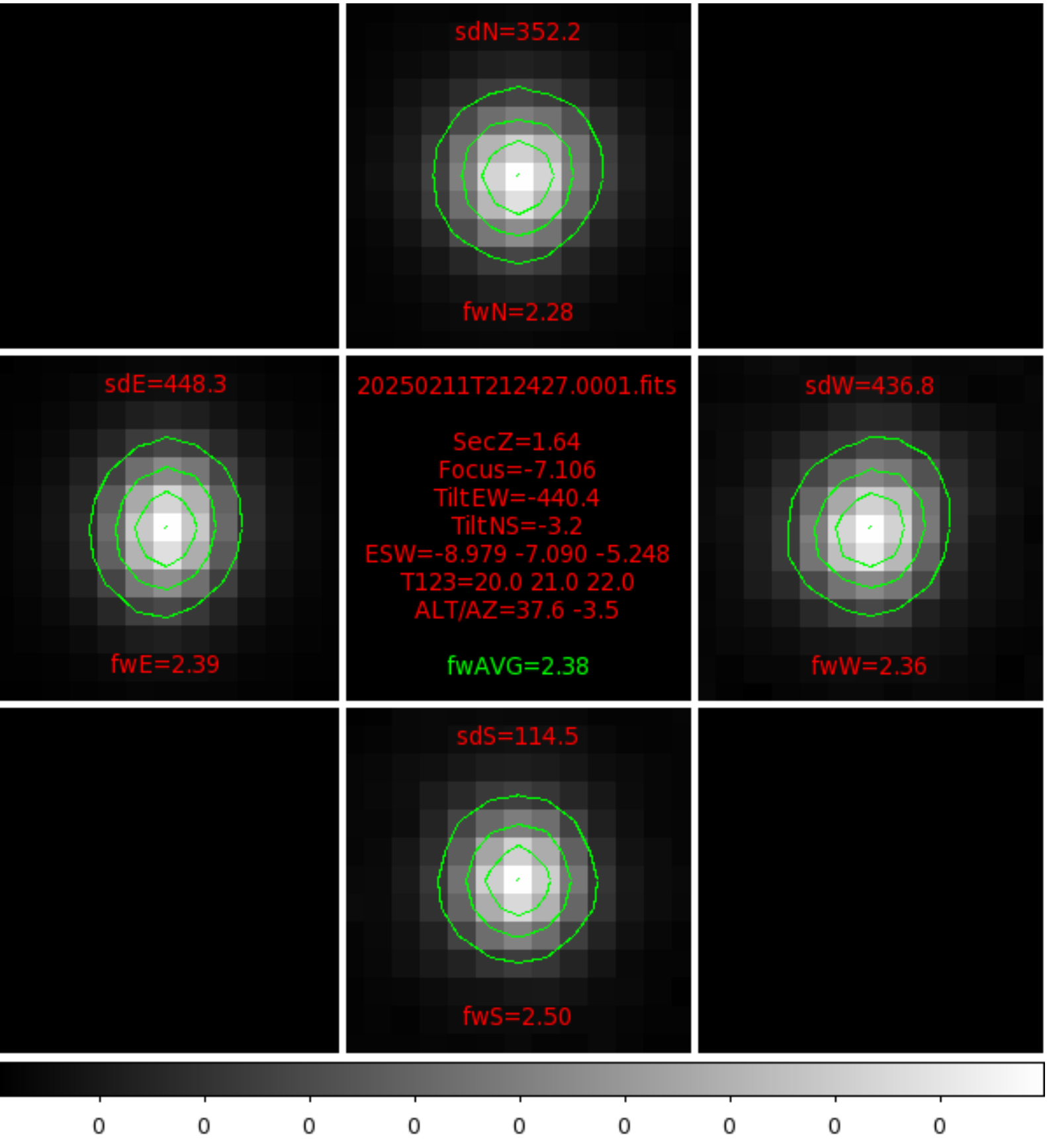
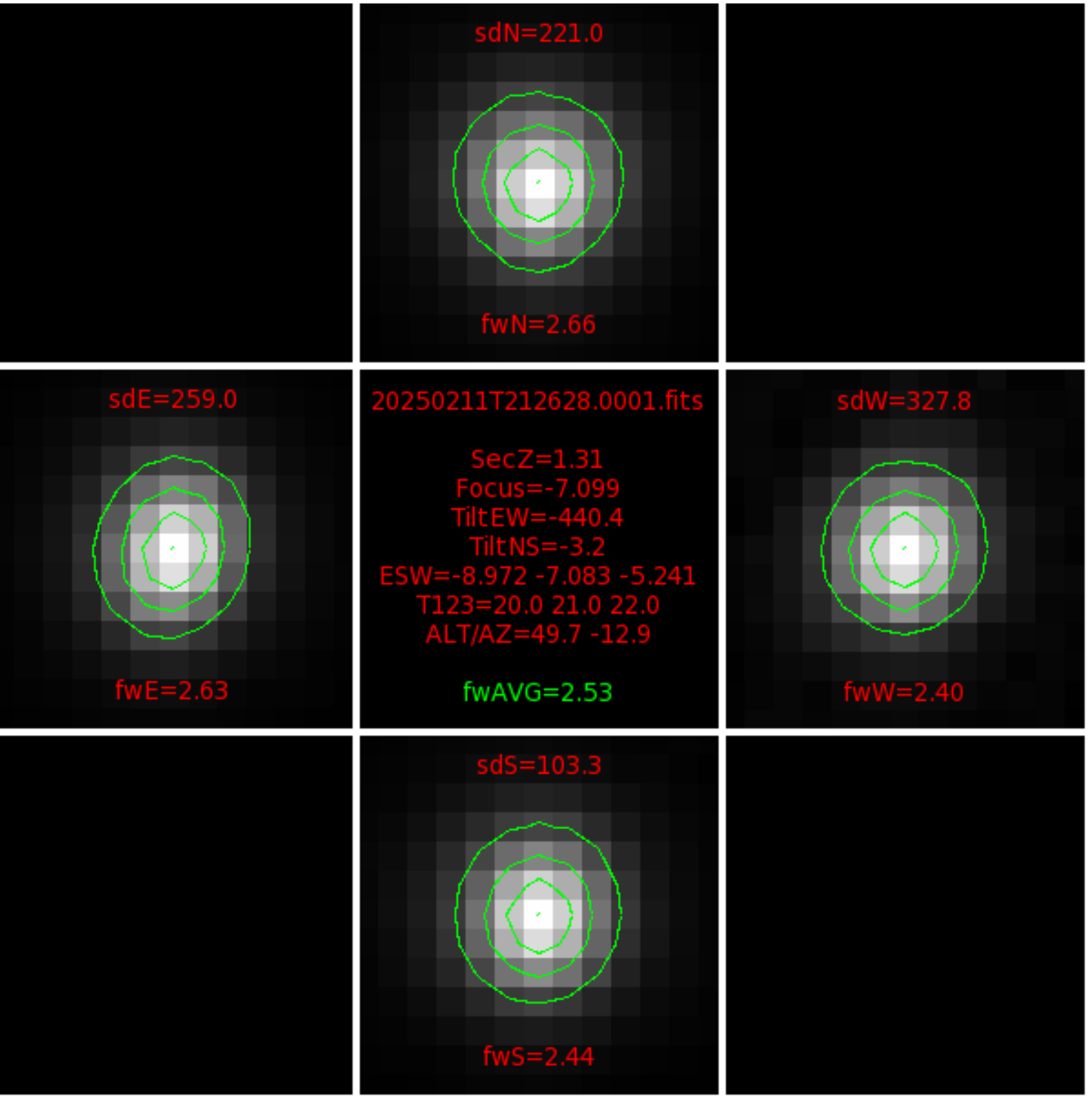
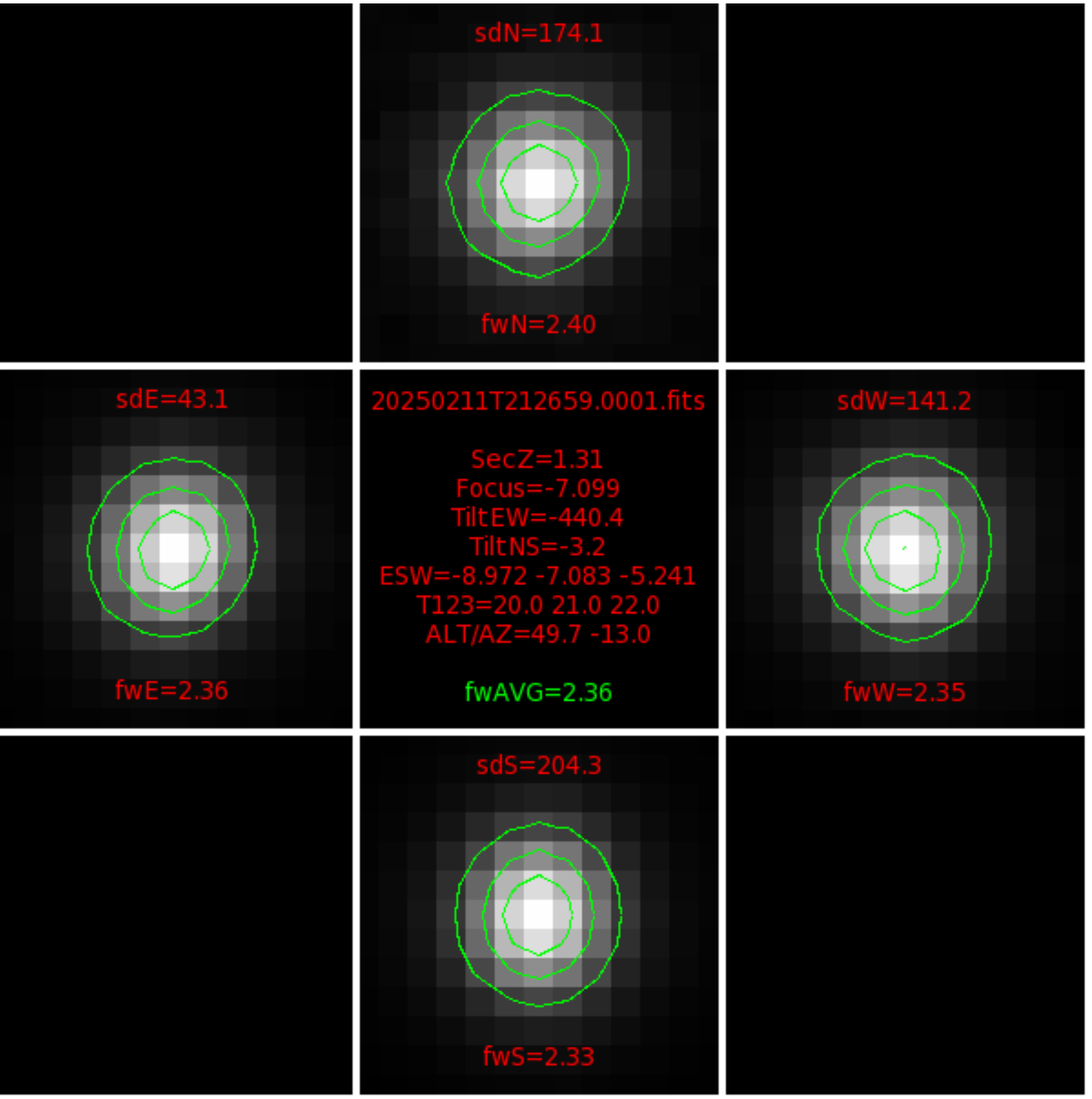
0
0
0
0
0
0


sdN=279.7
fwN=2.75
sdE=384.8
fwE=2.59
20250211T212357.0001.fits
SecZ=1.64
Focus=-7.106
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.979 -7.090 -5.248
T123=20.0 21.0 22.1
ALT/AZ=37.6 -3.5
fwAVG=2.51
sdW=402.3
fwW=2.40
sdS=108.8
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=352.2
fwN=2.28
sdE=448.3
fwE=2.39
20250211T212427.0001.fits
SecZ=1.64
Focus=-7.106
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.979 -7.090 -5.248
T123=20.0 21.0 22.0
ALT/AZ=37.6 -3.5
fwAVG=2.38
sdW=436.8
fwW=2.36
sdS=114.5
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=221.0
fwN=2.66
sdE=259.0
fwE=2.63
20250211T212628.0001.fits
SecZ=1.31
Focus=-7.099
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.972 -7.083 -5.241
T123=20.0 21.0 22.0
ALT/AZ=49.7 -12.9
fwAVG=2.53
sdW=327.8
fwW=2.40
sdS=103.3
fwS=2.44
0 0 0 0 0 0 0 0 0


sdN=174.1
fwN=2.40
sdE=43.1
fwE=2.36
20250211T212659.0001.fits
SecZ=1.31
Focus=-7.099
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.972 -7.083 -5.241
T123=20.0 21.0 22.0
ALT/AZ=49.7 -13.0
fwAVG=2.36
sdW=141.2
fwW=2.35
sdS=204.3
fwS=2.33
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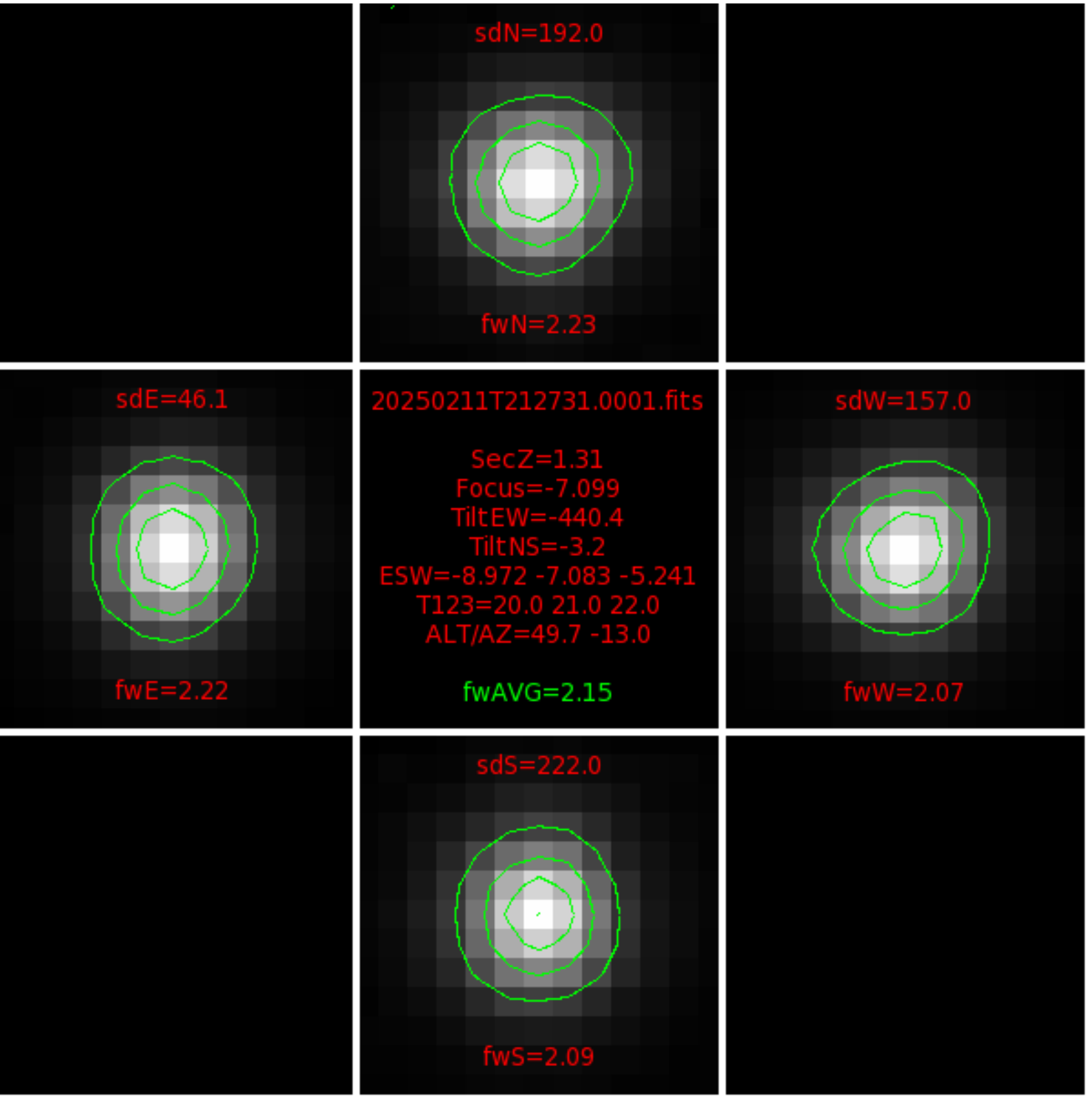
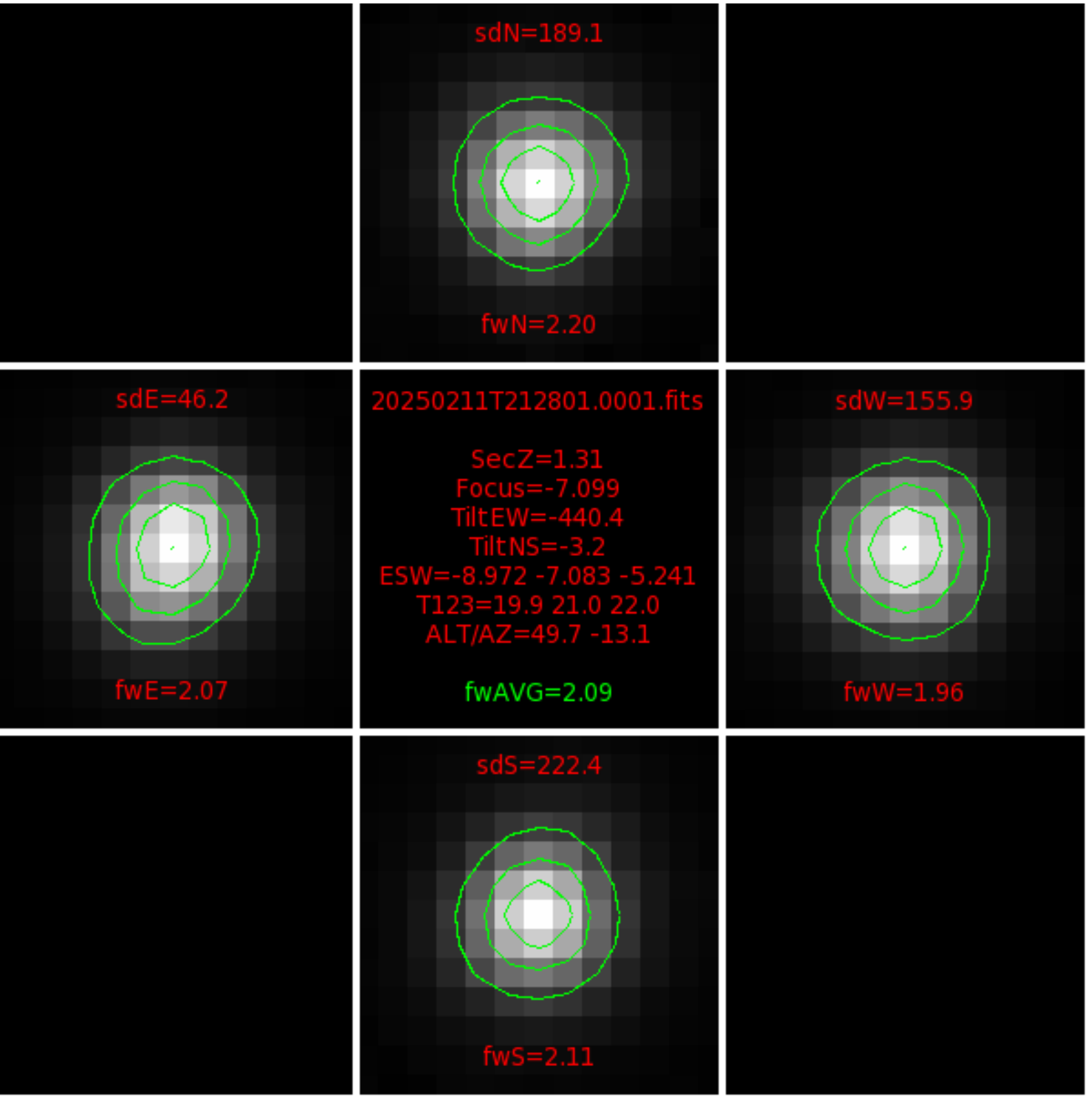
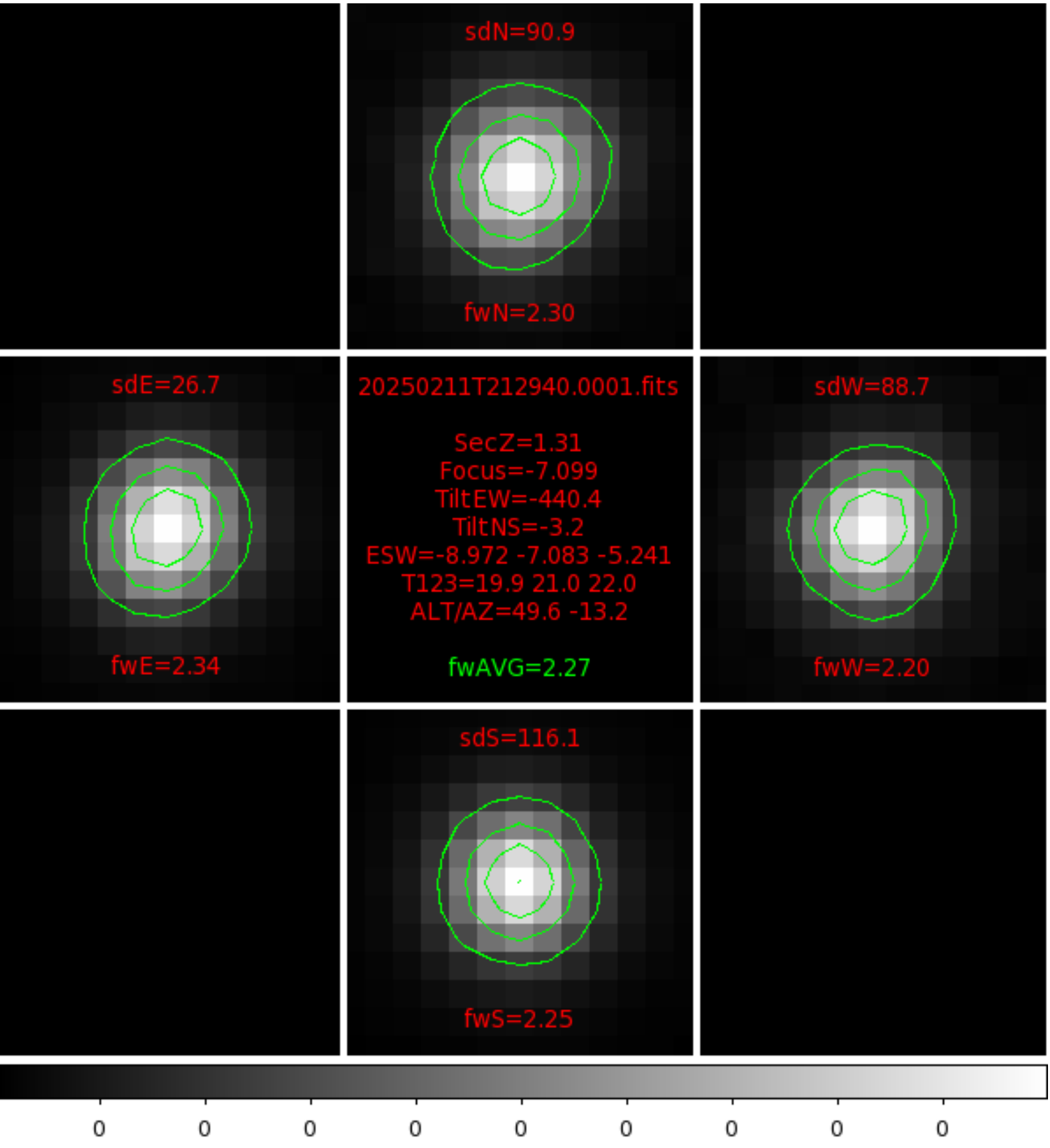
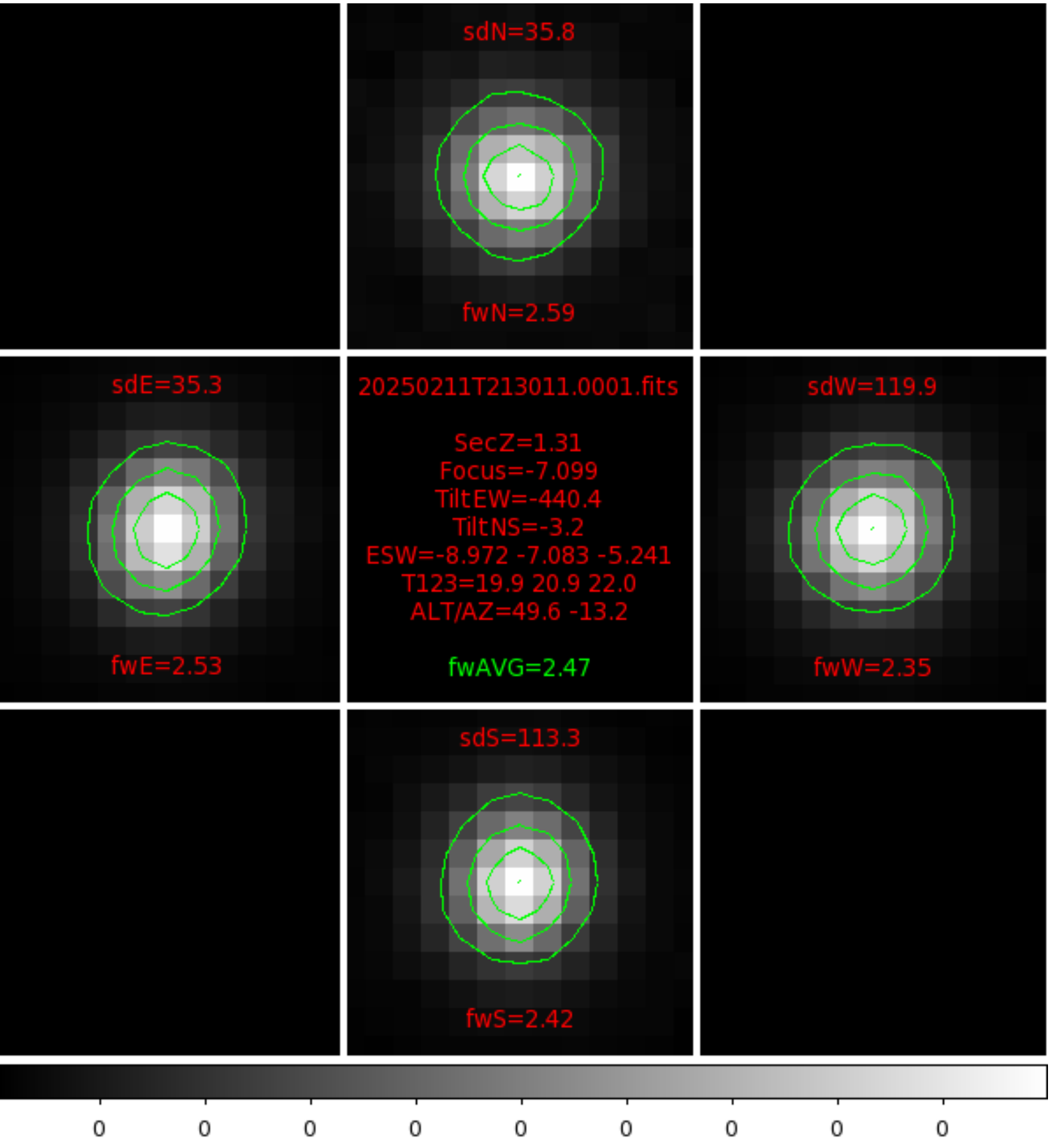
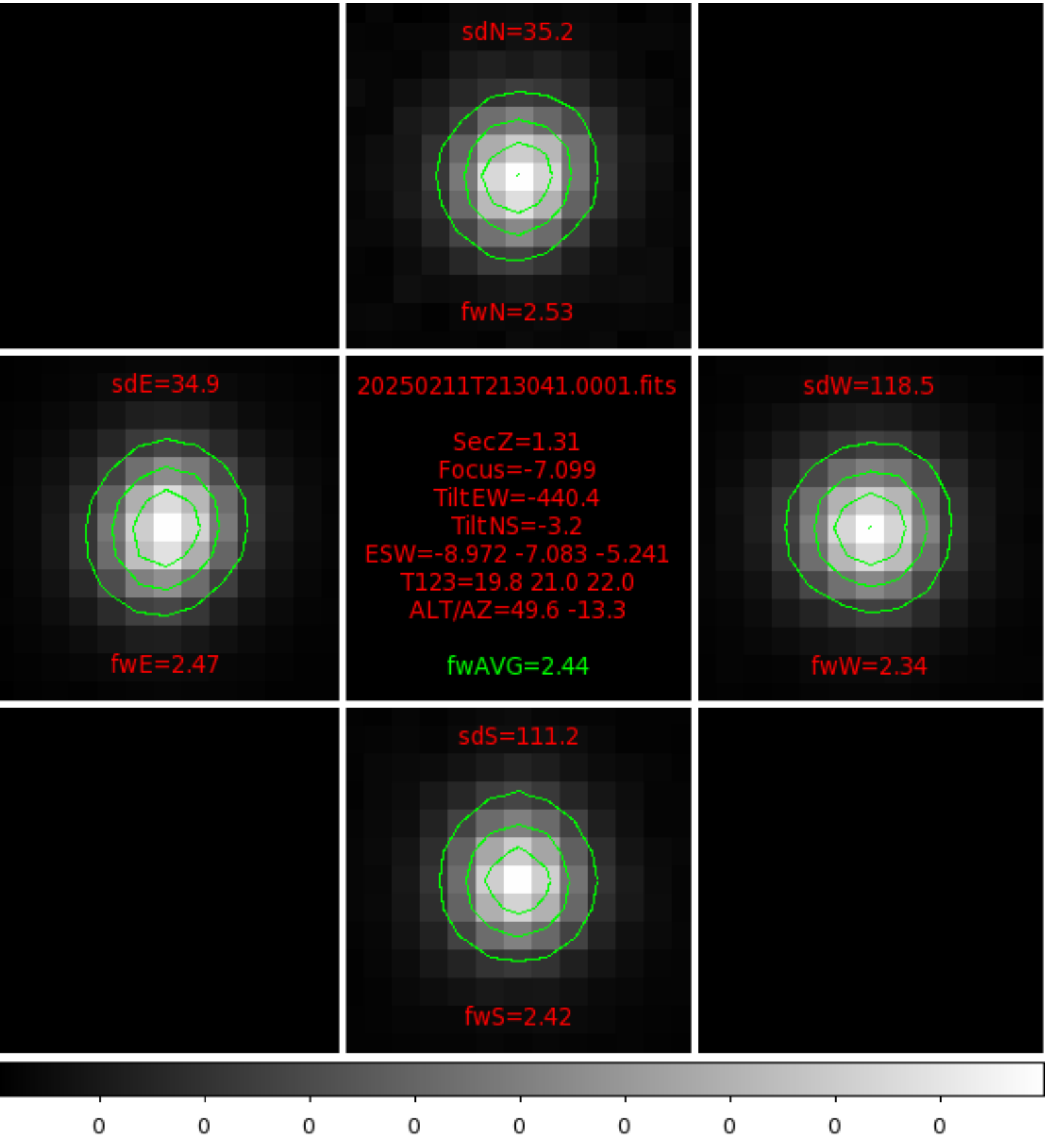
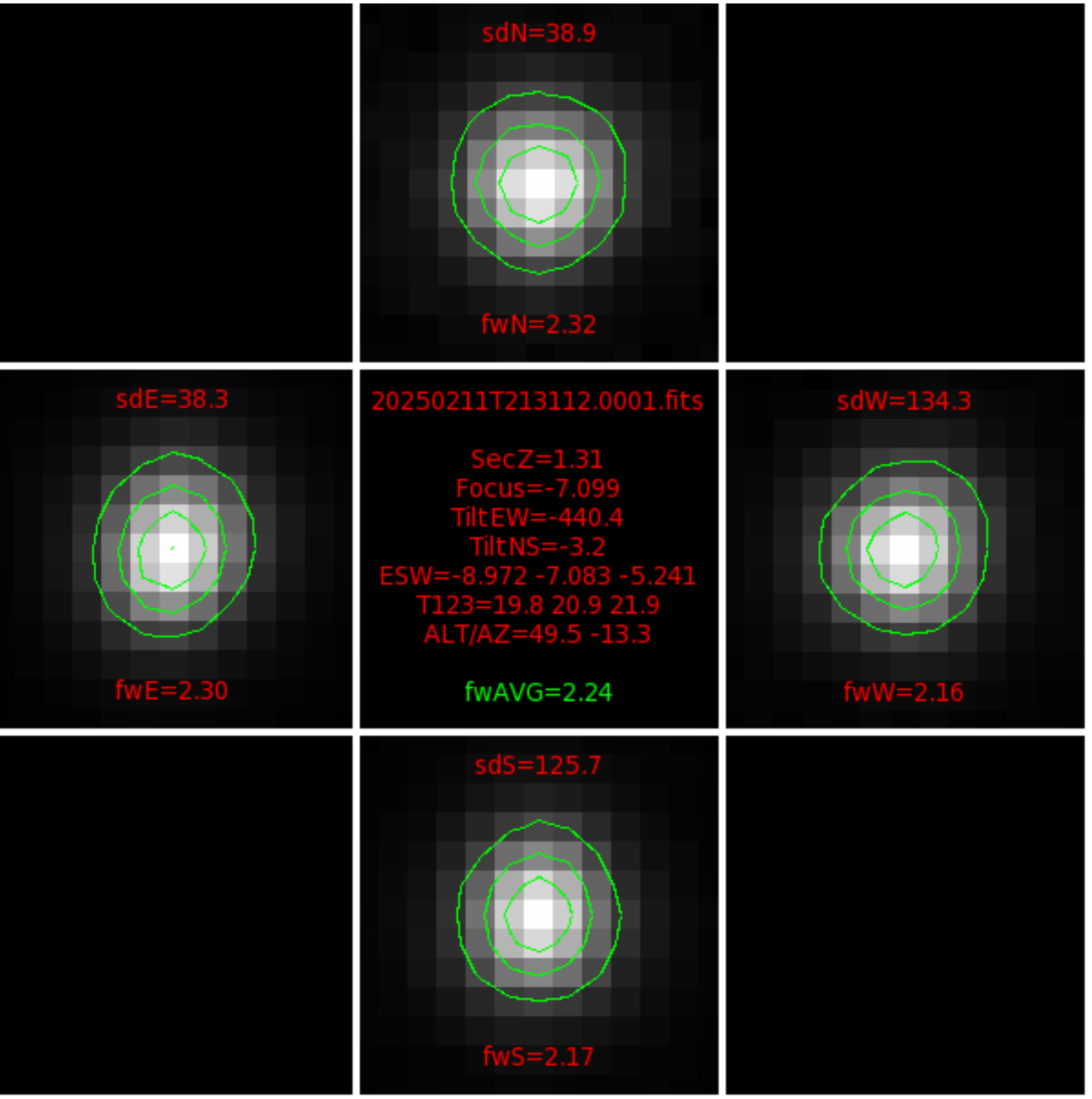

sdN=192.0
fwN=2.23
sdE=46.1
fwE=2.22
20250211T212731.0001.fits
SecZ=1.31
Focus=-7.099
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.972 -7.083 -5.241
T123=20.0 21.0 22.0
ALT/AZ=49.7 -13.0
fwAVG=2.15
sdW=157.0
fwW=2.07
sdS=222.0
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=189.1
fwN=2.20
sdE=46.2
fwE=2.07
20250211T212801.0001.fits
SecZ=1.31
Focus=-7.099
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.972 -7.083 -5.241
T123=19.9 21.0 22.0
ALT/AZ=49.7 -13.1
fwAVG=2.09
sdW=155.9
fwW=1.96
sdS=222.4
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=90.9
fwN=2.30
sdE=26.7
fwE=2.34
20250211T212940.0001.fits
SecZ=1.31
Focus=-7.099
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.972 -7.083 -5.241
T123=19.9 21.0 22.0
ALT/AZ=49.6 -13.2
fwAVG=2.27
sdW=88.7
fwW=2.20
sdS=116.1
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=35.8
fwN=2.59
sdE=35.3
fwE=2.53
20250211T213011.0001.fits
SecZ=1.31
Focus=-7.099
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.972 -7.083 -5.241
T123=19.9 20.9 22.0
ALT/AZ=49.6 -13.2
fwAVG=2.47
sdW=119.9
fwW=2.35
sdS=113.3
fwS=2.42
0 0 0 0 0 0 0 0 0


sdN=35.2
fwN=2.53
sdE=34.9
fwE=2.47
20250211T213041.0001.fits
SecZ=1.31
Focus=-7.099
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.972 -7.083 -5.241
T123=19.8 21.0 22.0
ALT/AZ=49.6 -13.3
fwAVG=2.44
sdW=118.5
fwW=2.34
sdS=111.2
fwS=2.42
0 0 0 0 0 0 0 0 0


sdN=38.9
fwN=2.32
sdE=38.3
fwE=2.30
20250211T213112.0001.fits
SecZ=1.31
Focus=-7.099
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.972 -7.083 -5.241
T123=19.8 20.9 21.9
ALT/AZ=49.5 -13.3
fwAVG=2.24
sdW=134.3
fwW=2.16
sdS=125.7
fwS=2.17
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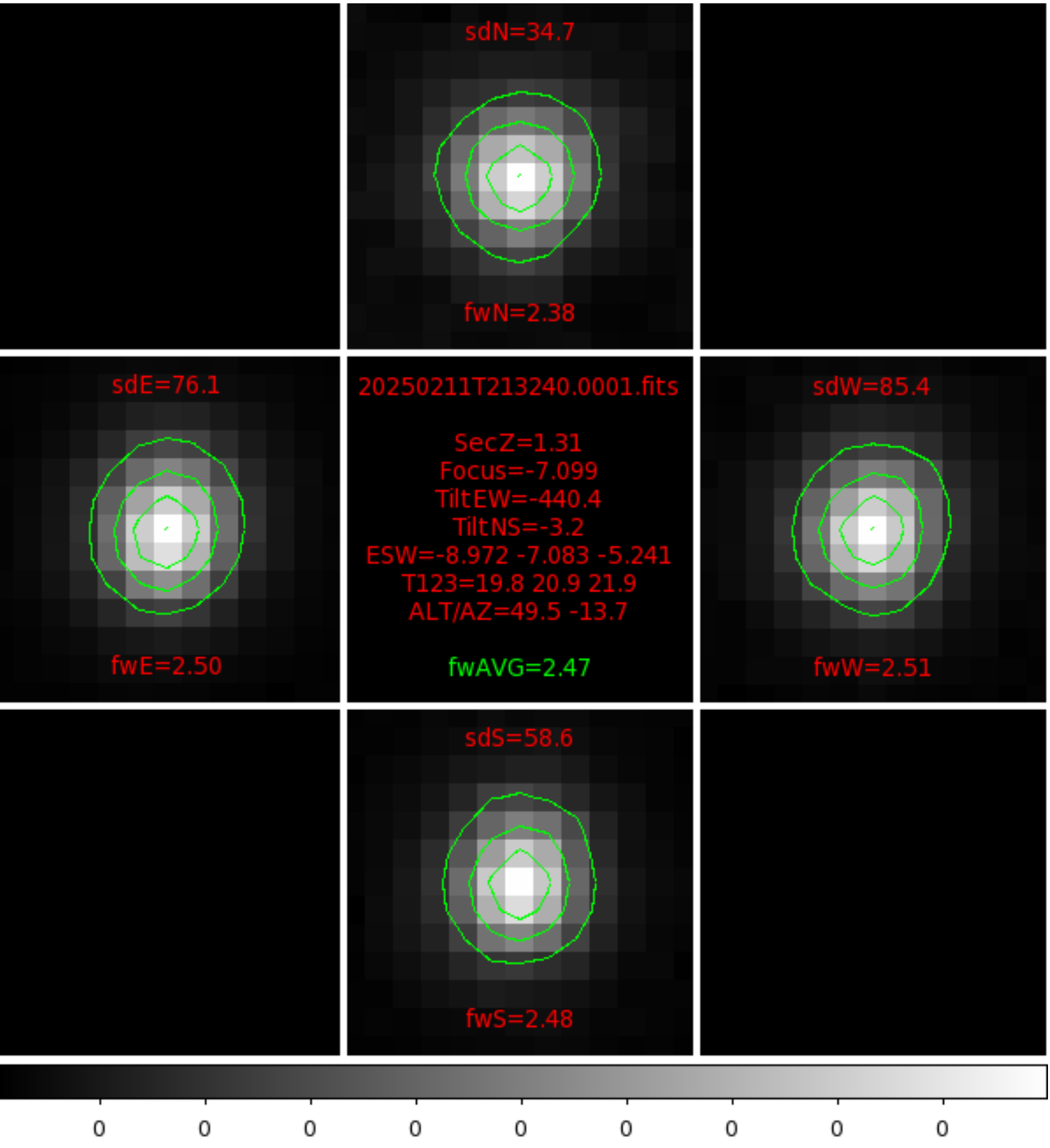
sdN=34.7
fwN=2.38
sdE=76.1
fwE=2.50
20250211T213240.0001.fits
SecZ=1.31
Focus=-7.099
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.972 -7.083 -5.241
T123=19.8 20.9 21.9
ALT/AZ=49.5 -13.7
fwAVG=2.47
sdW=85.4
fwW=2.51
sdS=58.6
fwS=2.48
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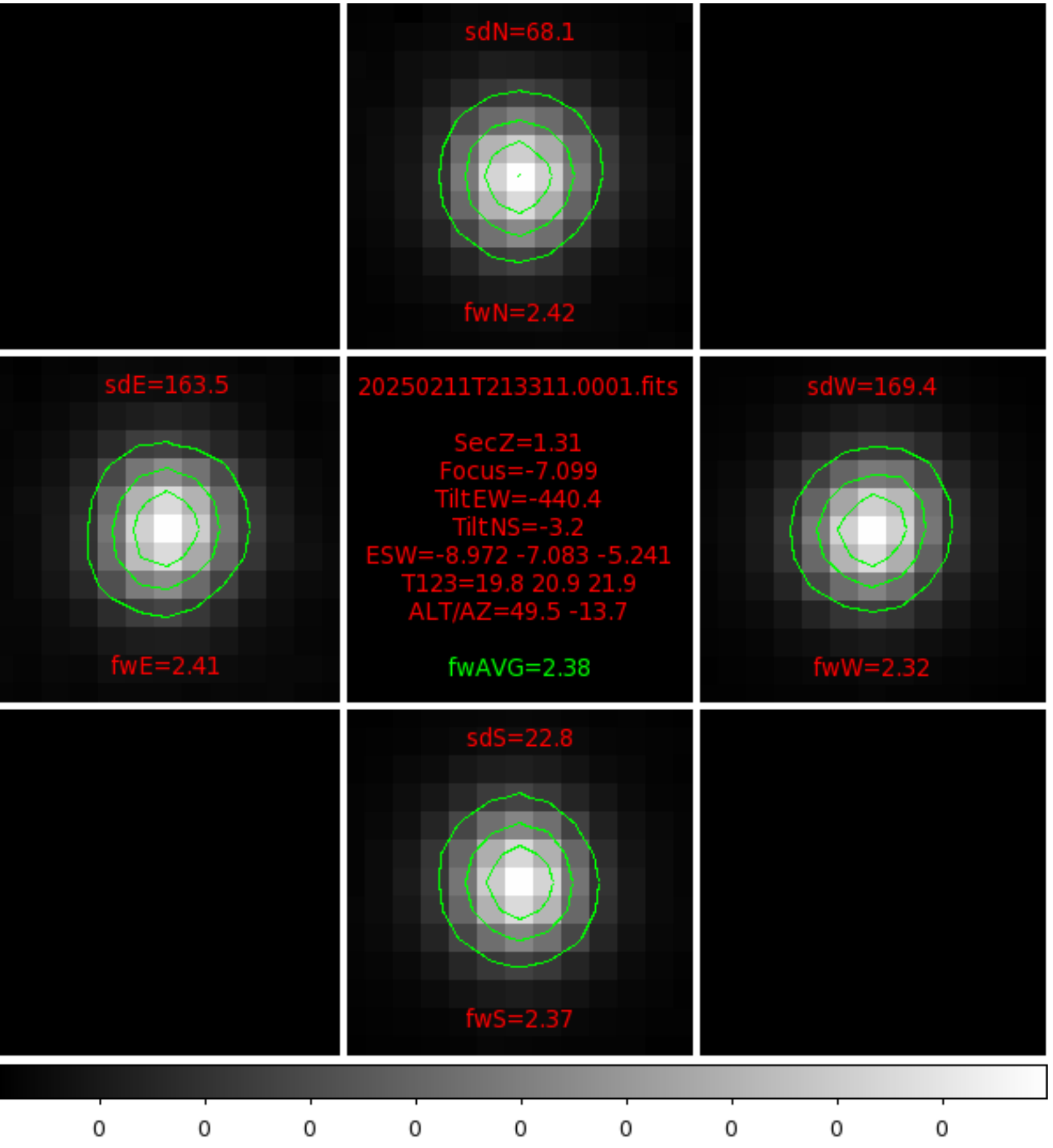
sdN=68.1
fwN=2.42
sdE=163.5
fwE=2.41
20250211T213311.0001.fits
SecZ=1.31
Focus=-7.099
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.972 -7.083 -5.241
T123=19.8 20.9 21.9
ALT/AZ=49.5 -13.7
fwAVG=2.38
sdW=169.4
fwW=2.32
sdS=22.8
fwS=2.37
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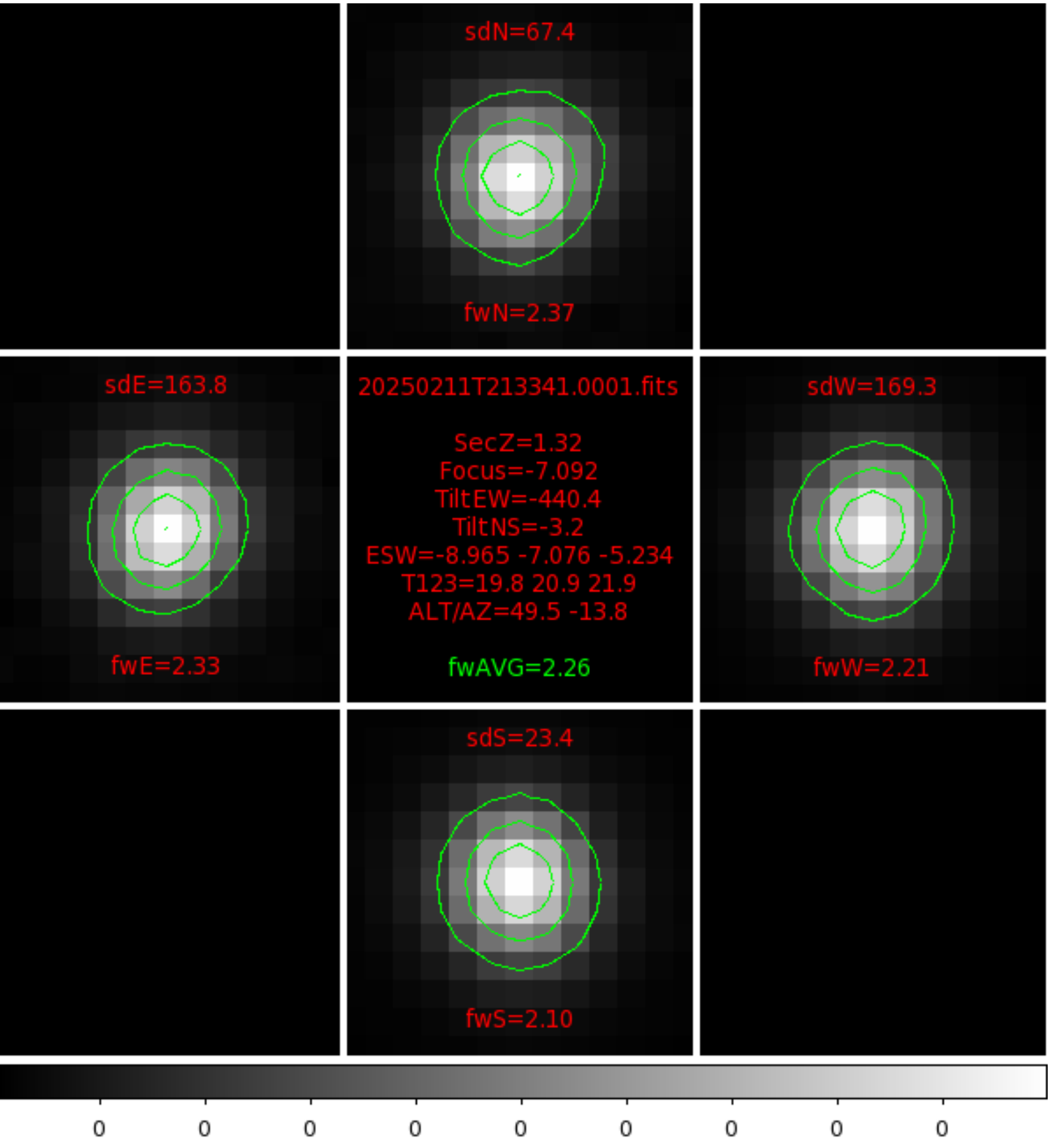
sdN=67.4
fwN=2.37
sdE=163.8
fwE=2.33
20250211T213341.0001.fits
SecZ=1.32
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.8 20.9 21.9
ALT/AZ=49.5 -13.8
fwAVG=2.26
sdW=169.3
fwW=2.21
sdS=23.4
fwS=2.10
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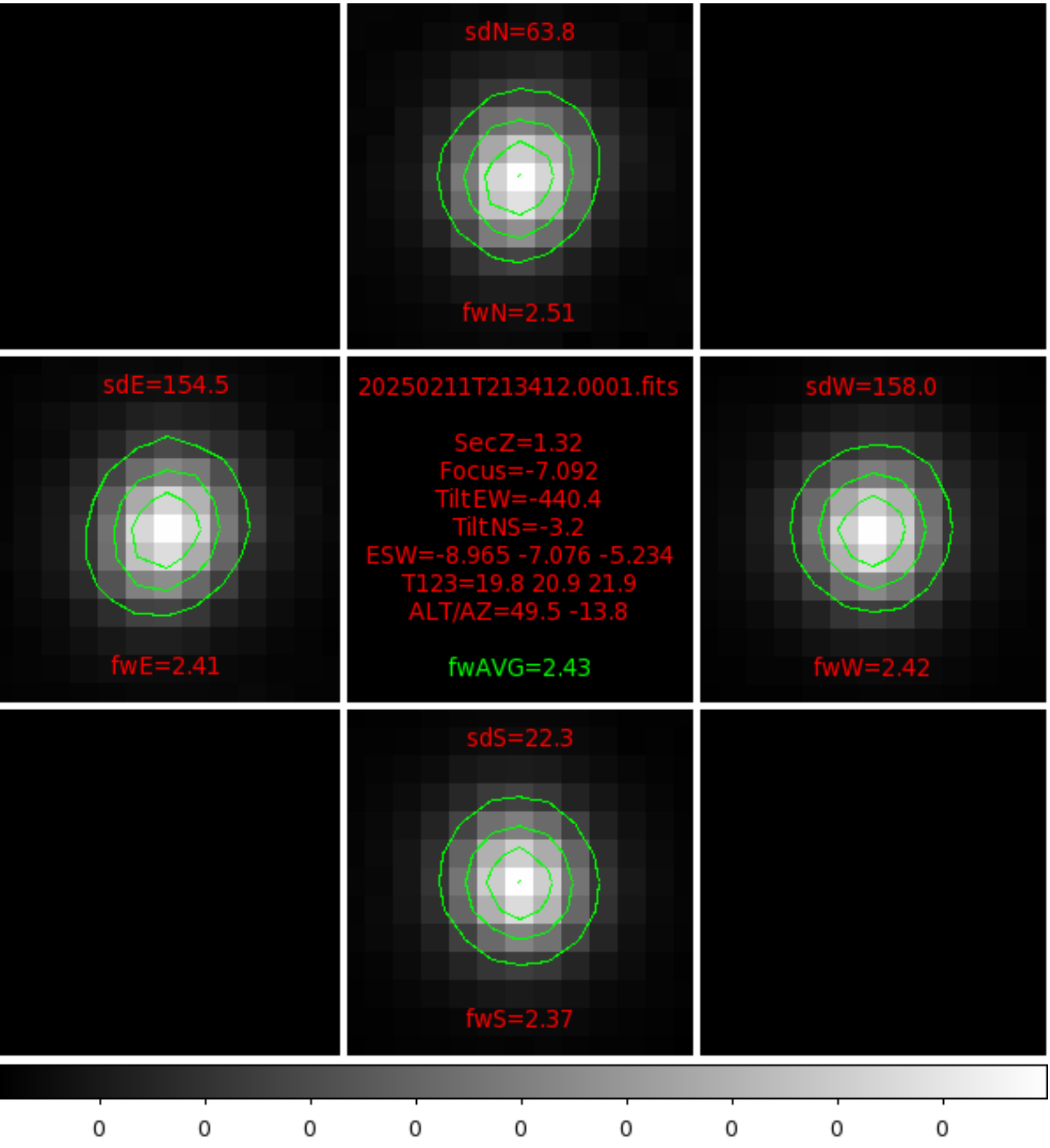
sdN=63.8
fwN=2.51
sdE=154.5
fwE=2.41
20250211T213412.0001.fits
SecZ=1.32
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.8 20.9 21.9
ALT/AZ=49.5 -13.8
fwAVG=2.43
sdW=158.0
fwW=2.42
sdS=22.3
fwS=2.37
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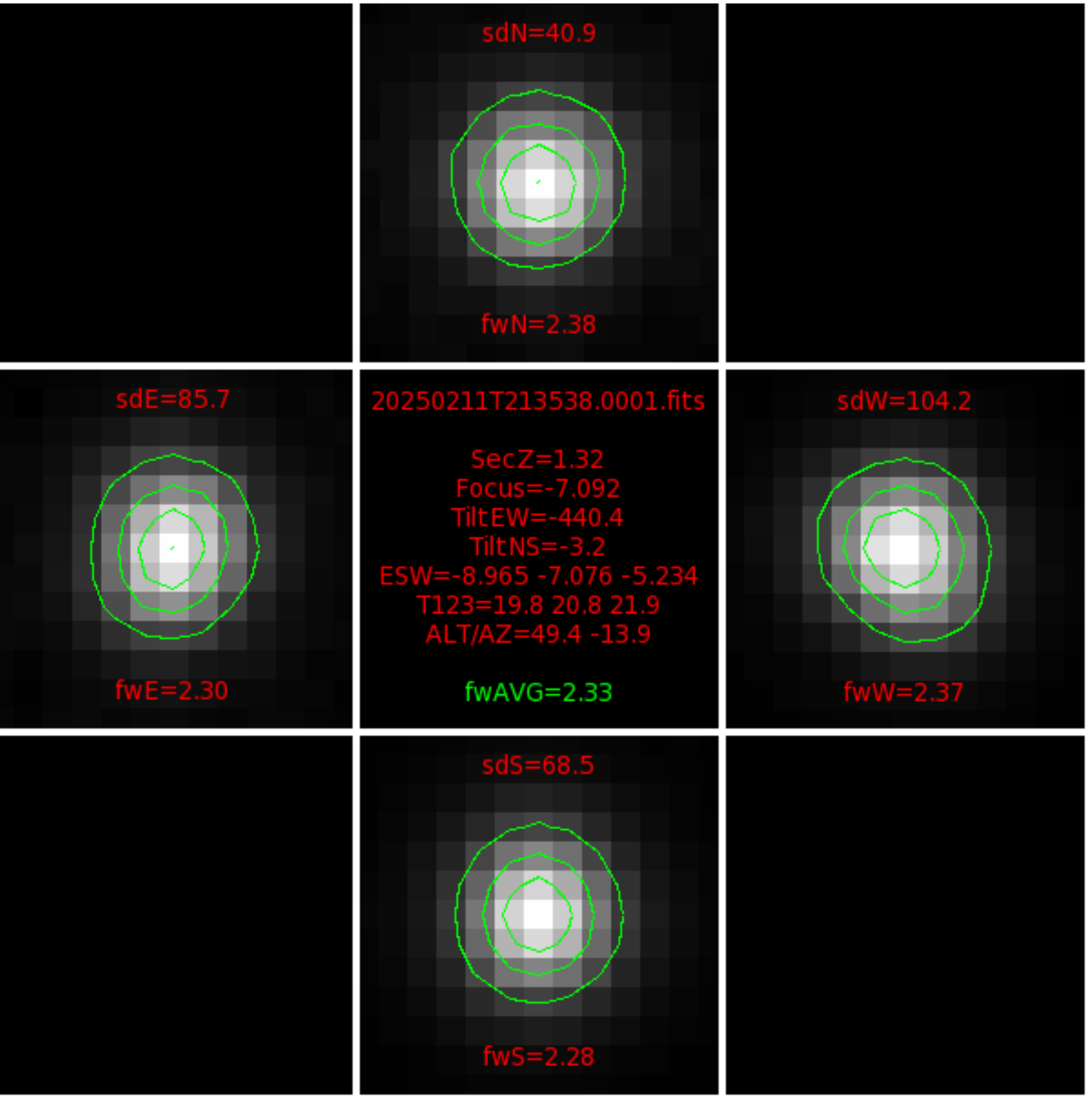
sdN=40.9
fwN=2.38
sdE=85.7
fwE=2.30
20250211T213538.0001.fits
SecZ=1.32
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.8 20.8 21.9
ALT/AZ=49.4 -13.9
fwAVG=2.33
sdW=104.2
fwW=2.37
sdS=68.5
fwS=2.28
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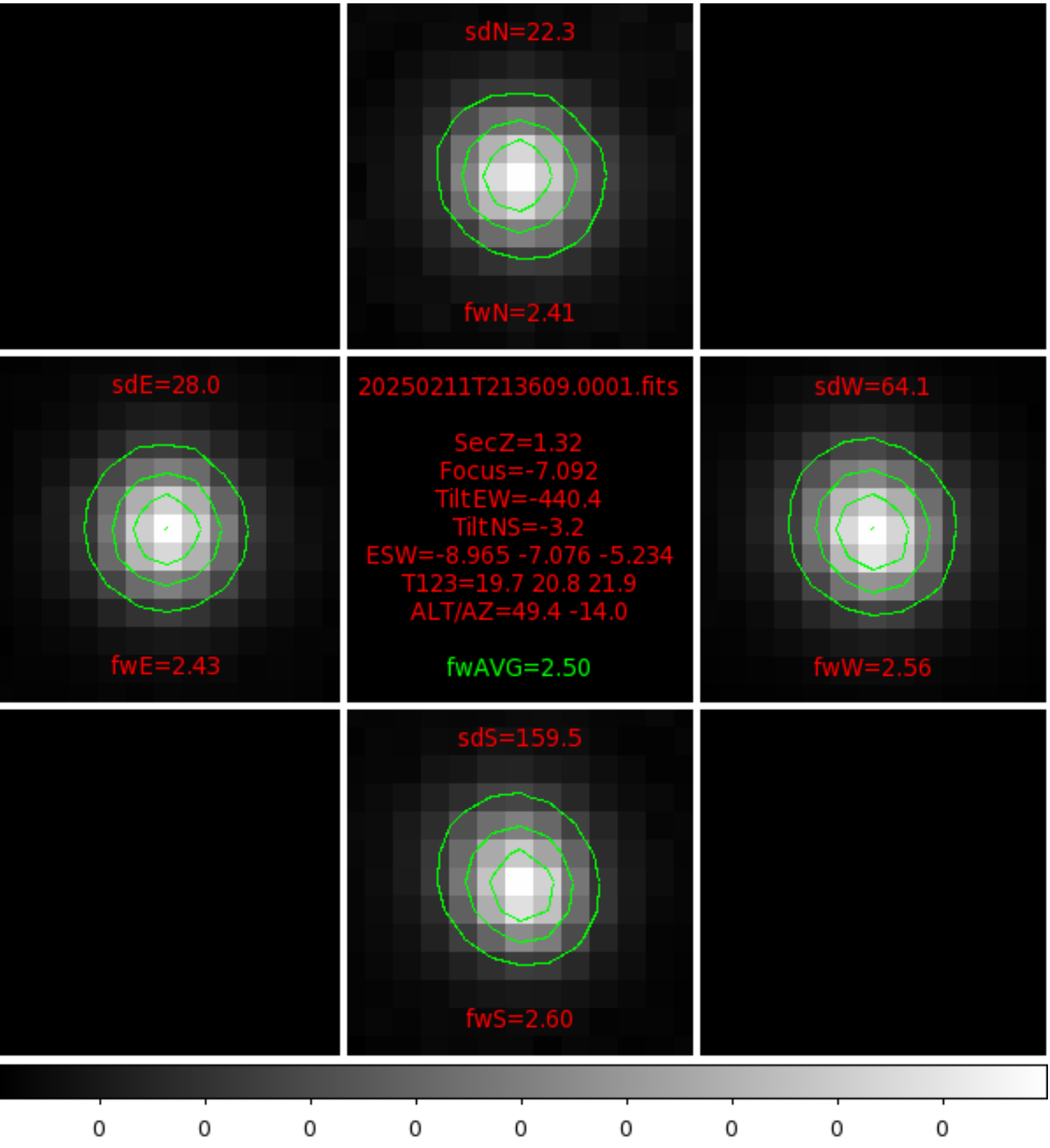
sdN=22.3
fwN=2.41
sdE=28.0
fwE=2.43
20250211T213609.0001.fits
SecZ=1.32
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.7 20.8 21.9
ALT/AZ=49.4 -14.0
fwAVG=2.50
sdW=64.1
fwW=2.56
sdS=159.5
fwS=2.60
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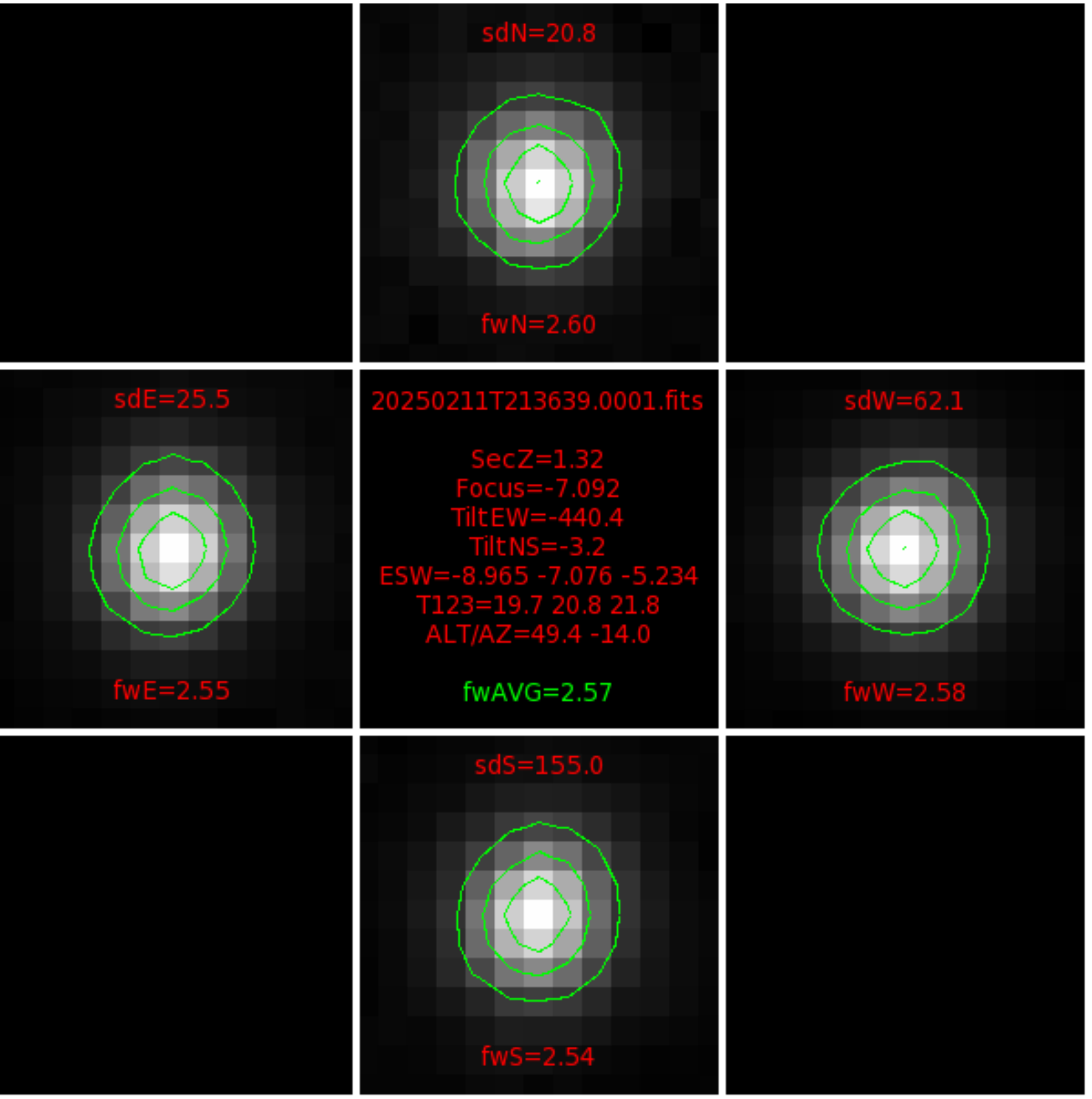
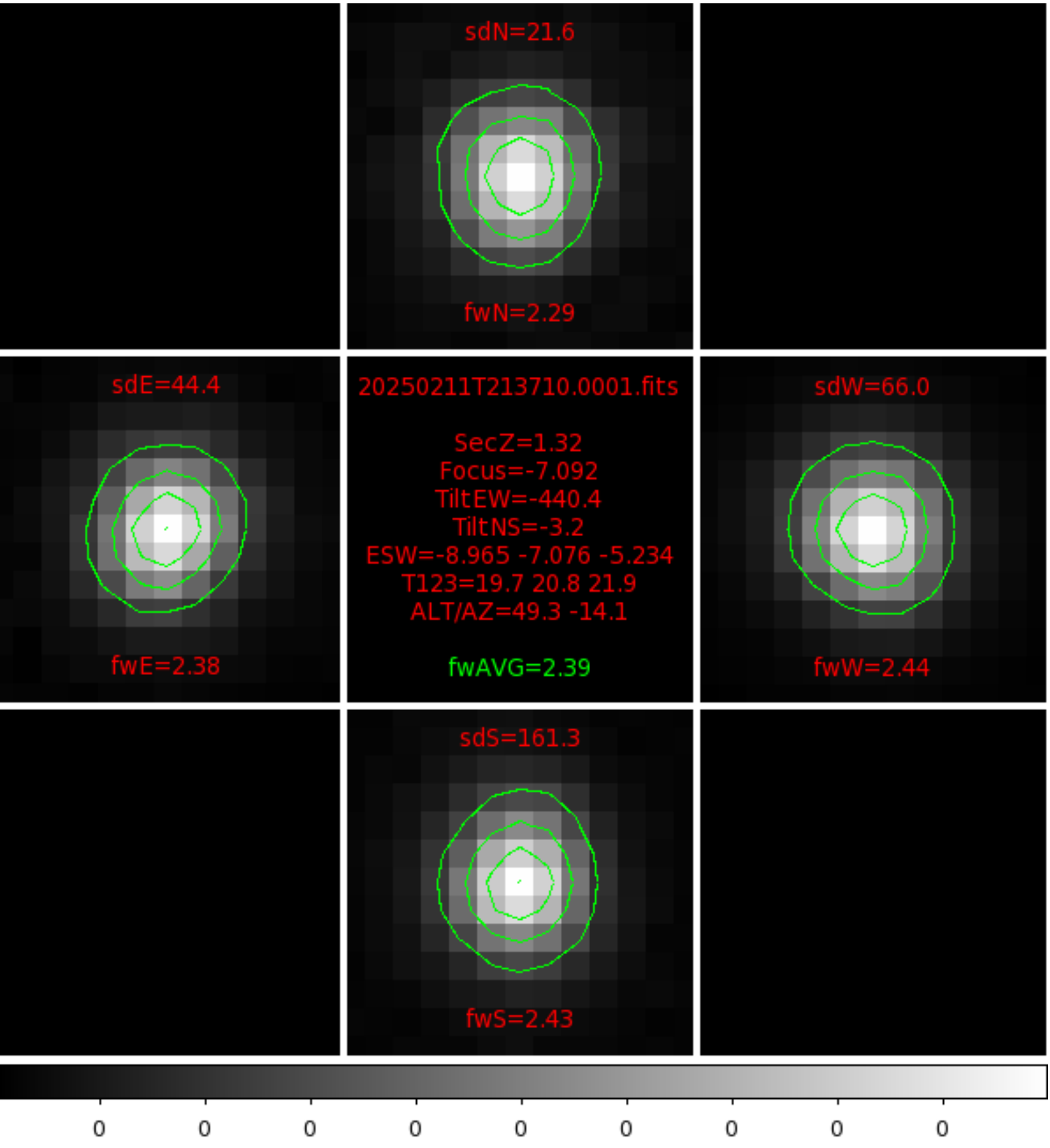

sdN=20.8
fwN=2.60
sdE=25.5
fwE=2.55
20250211T213639.0001.fits
SecZ=1.32
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.7 20.8 21.8
ALT/AZ=49.4 -14.0
fwAVG=2.57
sdW=62.1
fwW=2.58
sdS=155.0
fwS=2.54
0 0 0 0 0 0 0 0 0


sdN=21.6
fwN=2.29
sdE=44.4
fwE=2.38
20250211T213710.0001.fits
SecZ=1.32
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.7 20.8 21.9
ALT/AZ=49.3 -14.1
fwAVG=2.39
sdW=66.0
fwW=2.44
sdS=161.3
fwS=2.43
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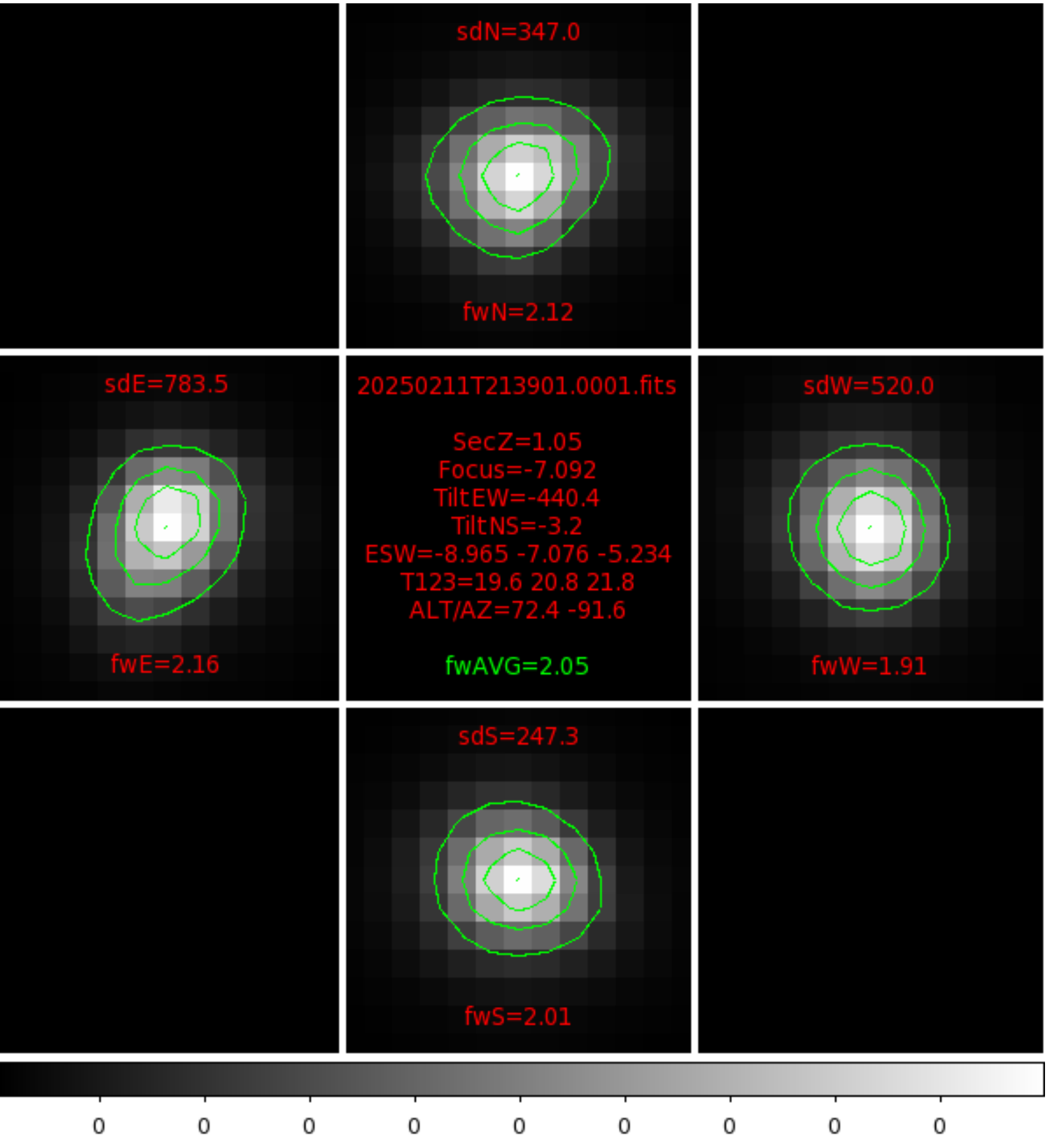
sdN=347.0
fwN=2.12
sdE=783.5
fwE=2.16
20250211T213901.0001.fits
SecZ=1.05
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.6 20.8 21.8
ALT/AZ=72.4 -91.6
fwAVG=2.05
sdW=520.0
fwW=1.91
sdS=247.3
fwS=2.01
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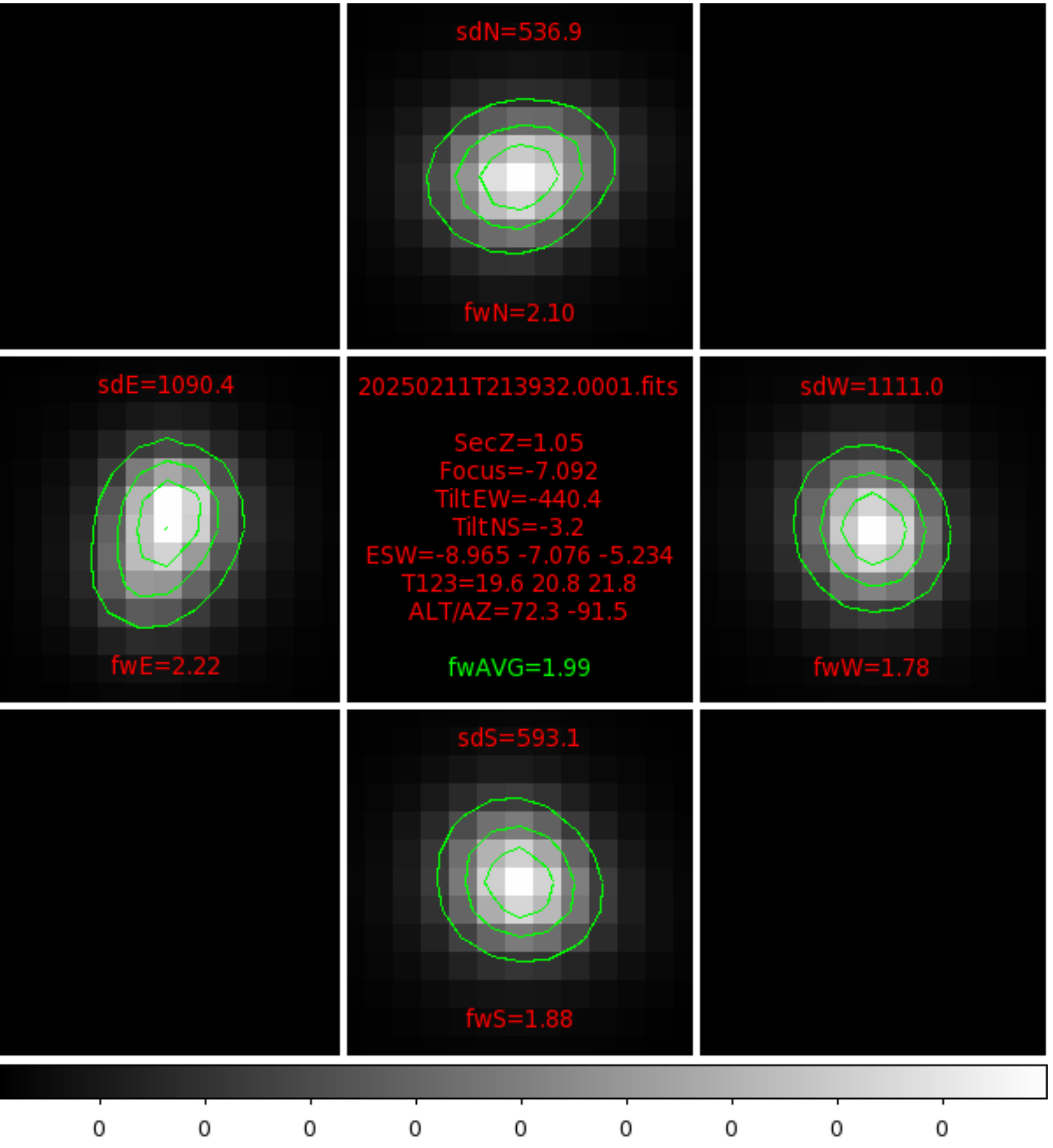
sdN=536.9
fwN=2.10
sdE=1090.4
fwE=2.22
20250211T213932.0001.fits
SecZ=1.05
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.6 20.8 21.8
ALT/AZ=72.3 -91.5
fwAVG=1.99
sdW=1111.0
fwW=1.78
sdS=593.1
fwS=1.88
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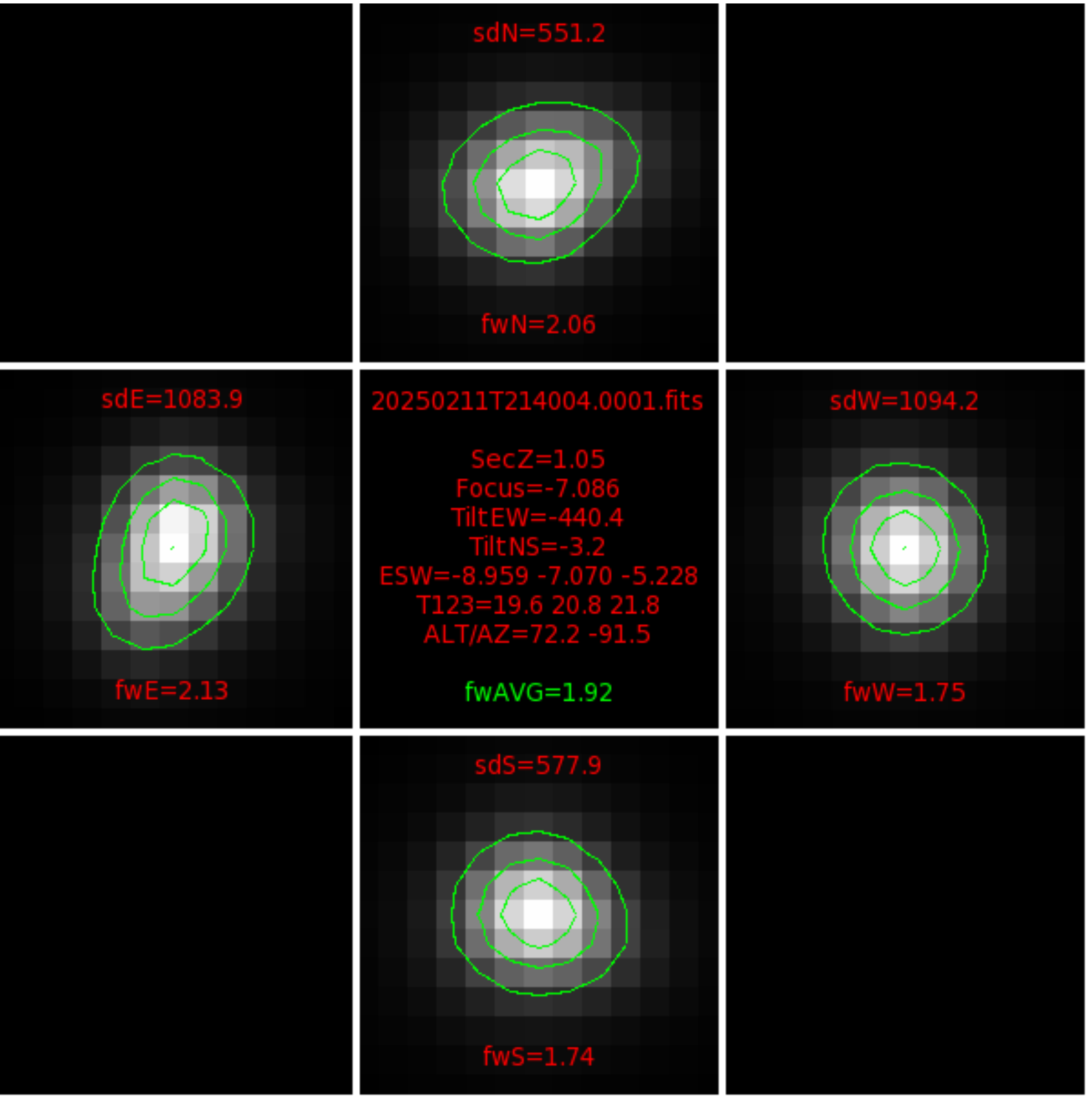
sdN=551.2
fwN=2.06
sdE=1083.9
fwE=2.13
20250211T214004.0001.fits
SecZ=1.05
Focus=-7.086
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.959 -7.070 -5.228
T123=19.6 20.8 21.8
ALT/AZ=72.2 -91.5
fwAVG=1.92
sdW=1094.2
fwW=1.75
sdS=577.9
fwS=1.74
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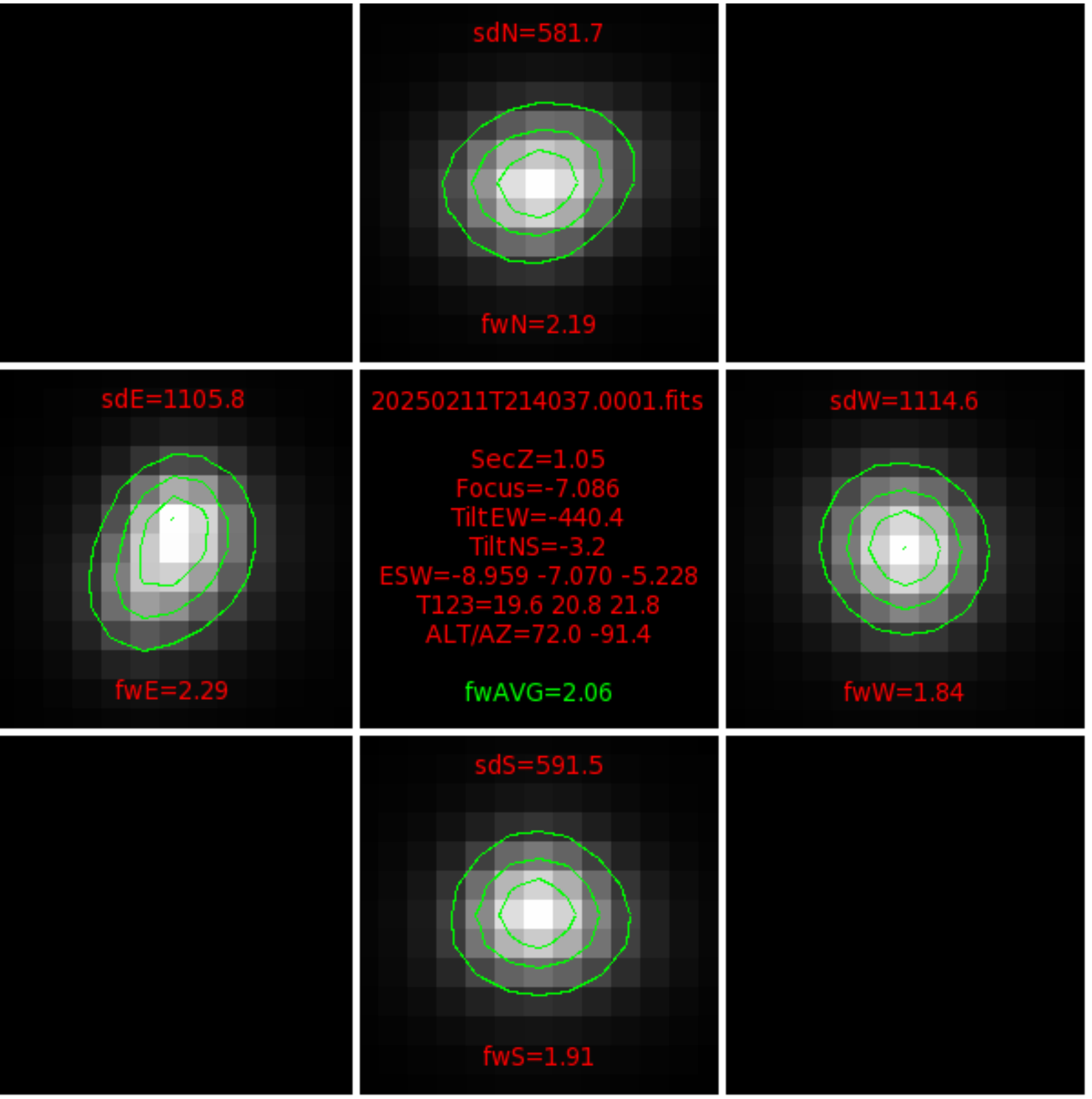
sdN=581.7
fwN=2.19
sdE=1105.8
fwE=2.29
20250211T214037.0001.fits
SecZ=1.05
Focus=-7.086
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.959 -7.070 -5.228
T123=19.6 20.8 21.8
ALT/AZ=72.0 -91.4
fwAVG=2.06
sdW=1114.6
fwW=1.84
sdS=591.5
fwS=1.91
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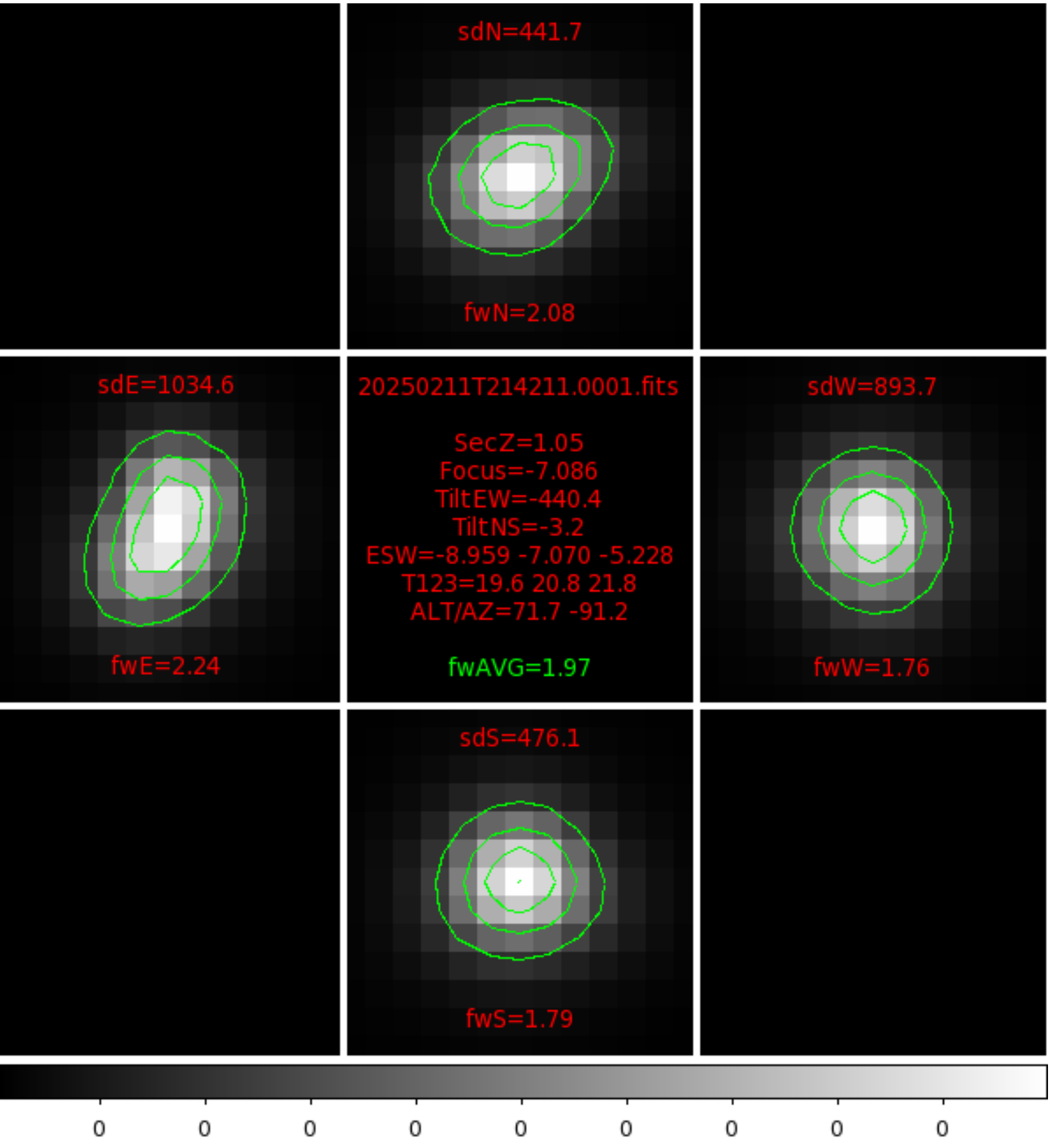
sdN=441.7
fwN=2.08
sdE=1034.6
fwE=2.24
20250211T214211.0001.fits
SecZ=1.05
Focus=-7.086
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.959 -7.070 -5.228
T123=19.6 20.8 21.8
ALT/AZ=71.7 -91.2
fwAVG=1.97
sdW=893.7
fwW=1.76
sdS=476.1
fwS=1.79
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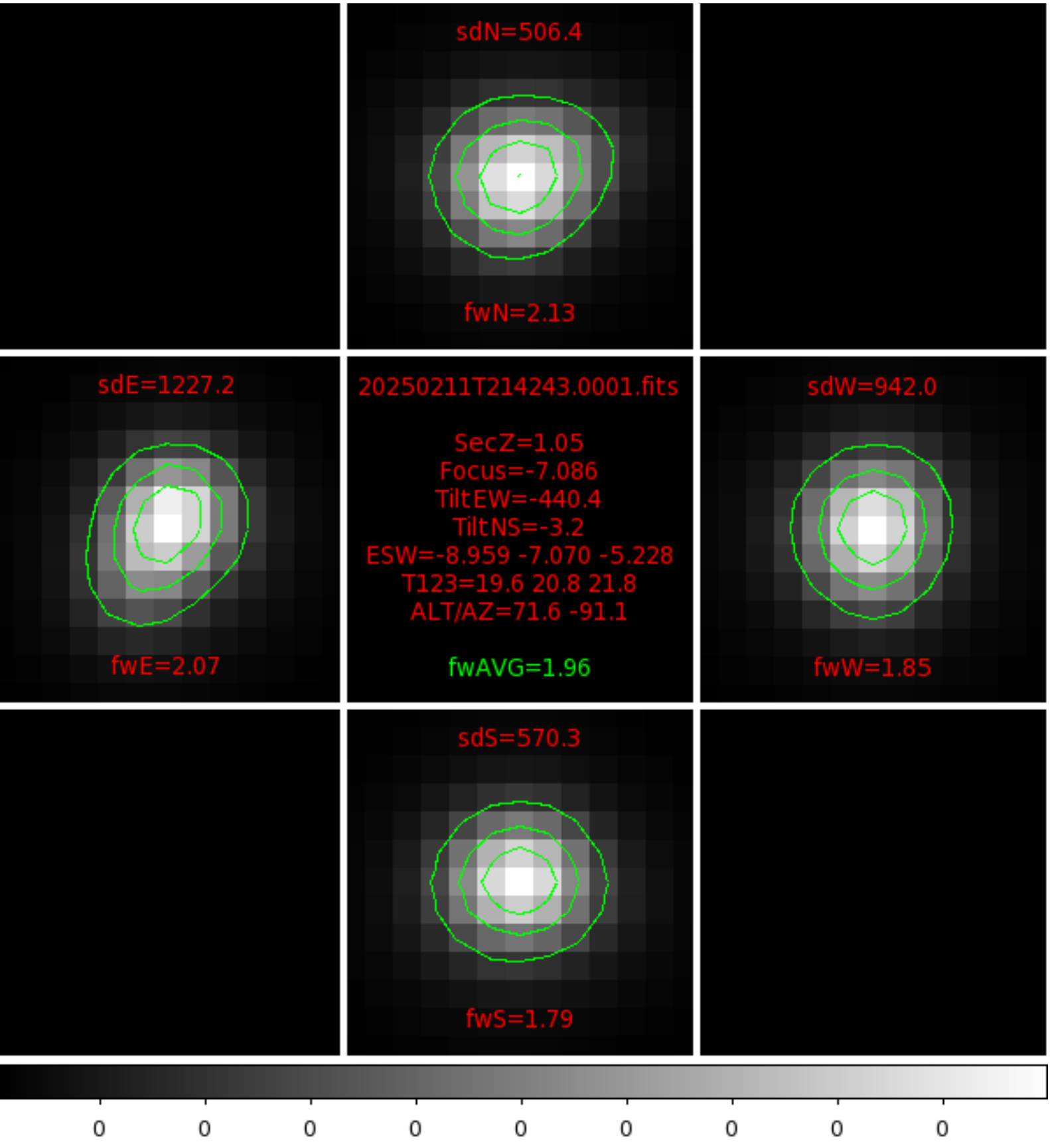
sdN=506.4
fwN=2.13
sdE=1227.2
fwE=2.07
20250211T214243.0001.fits
SecZ=1.05
Focus=-7.086
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.959 -7.070 -5.228
T123=19.6 20.8 21.8
ALT/AZ=71.6 -91.1
fwAVG=1.96
sdW=942.0
fwW=1.85
sdS=570.3
fwS=1.79
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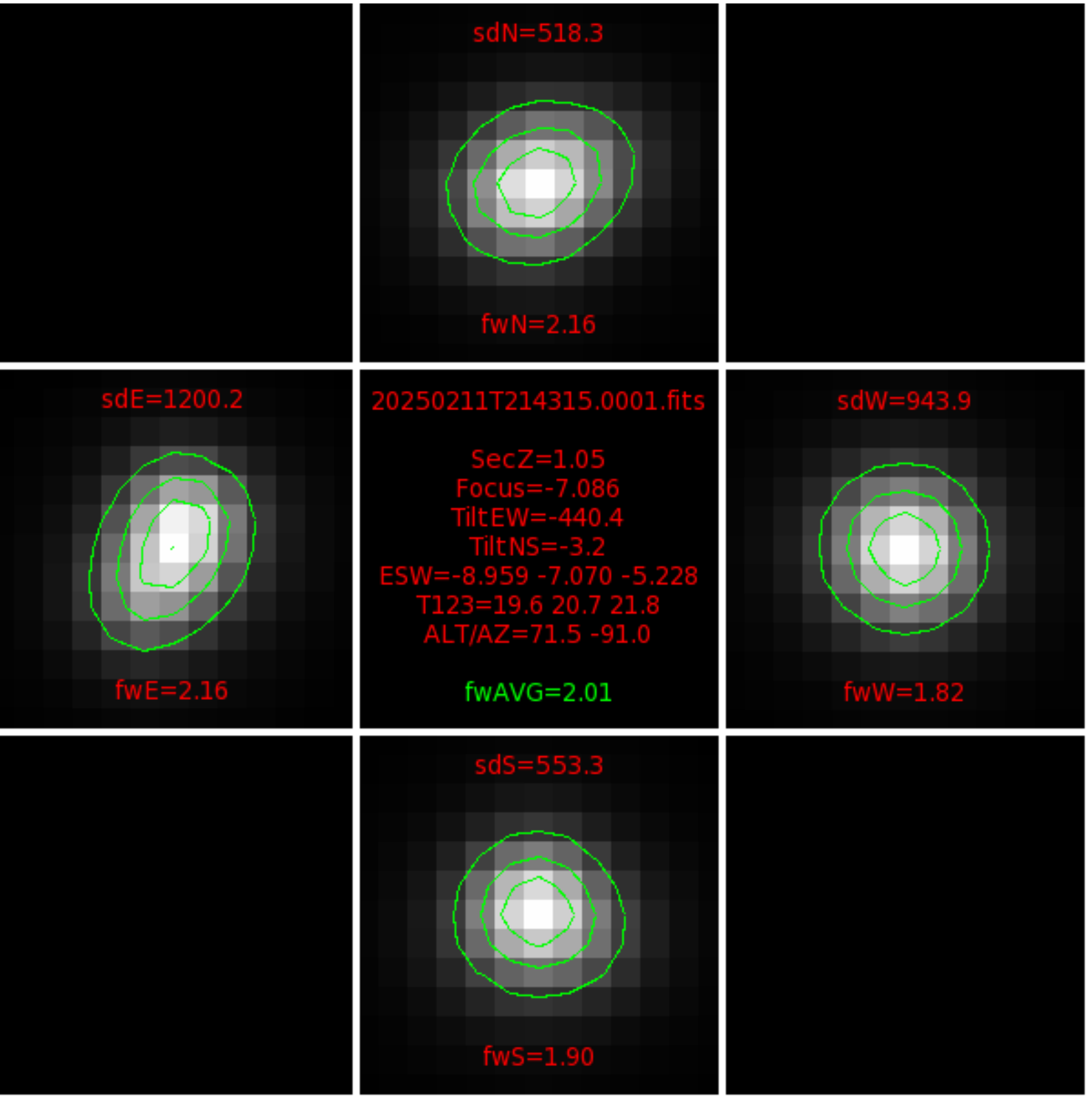
sdN=518.3
fwN=2.16
sdE=1200.2
fwE=2.16
20250211T214315.0001.fits
SecZ=1.05
Focus=-7.086
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.959 -7.070 -5.228
T123=19.6 20.7 21.8
ALT/AZ=71.5 -91.0
fwAVG=2.01
sdW=943.9
fwW=1.82
sdS=553.3
fwS=1.90
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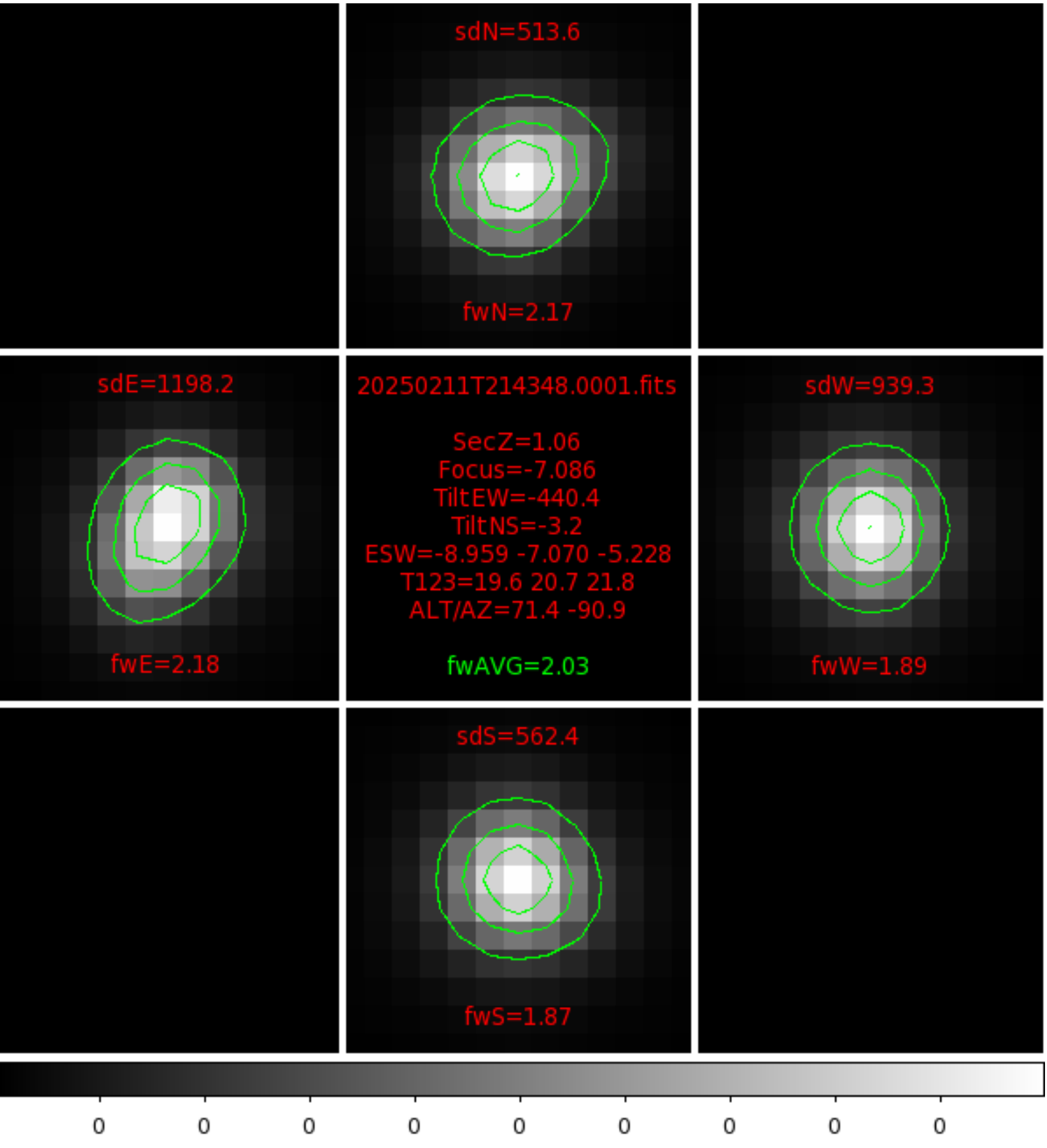
sdN=513.6
fwN=2.17
sdE=1198.2
fwE=2.18
20250211T214348.0001.fits
SecZ=1.06
Focus=-7.086
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.959 -7.070 -5.228
T123=19.6 20.7 21.8
ALT/AZ=71.4 -90.9
fwAVG=2.03
sdW=939.3
fwW=1.89
sdS=562.4
fwS=1.87
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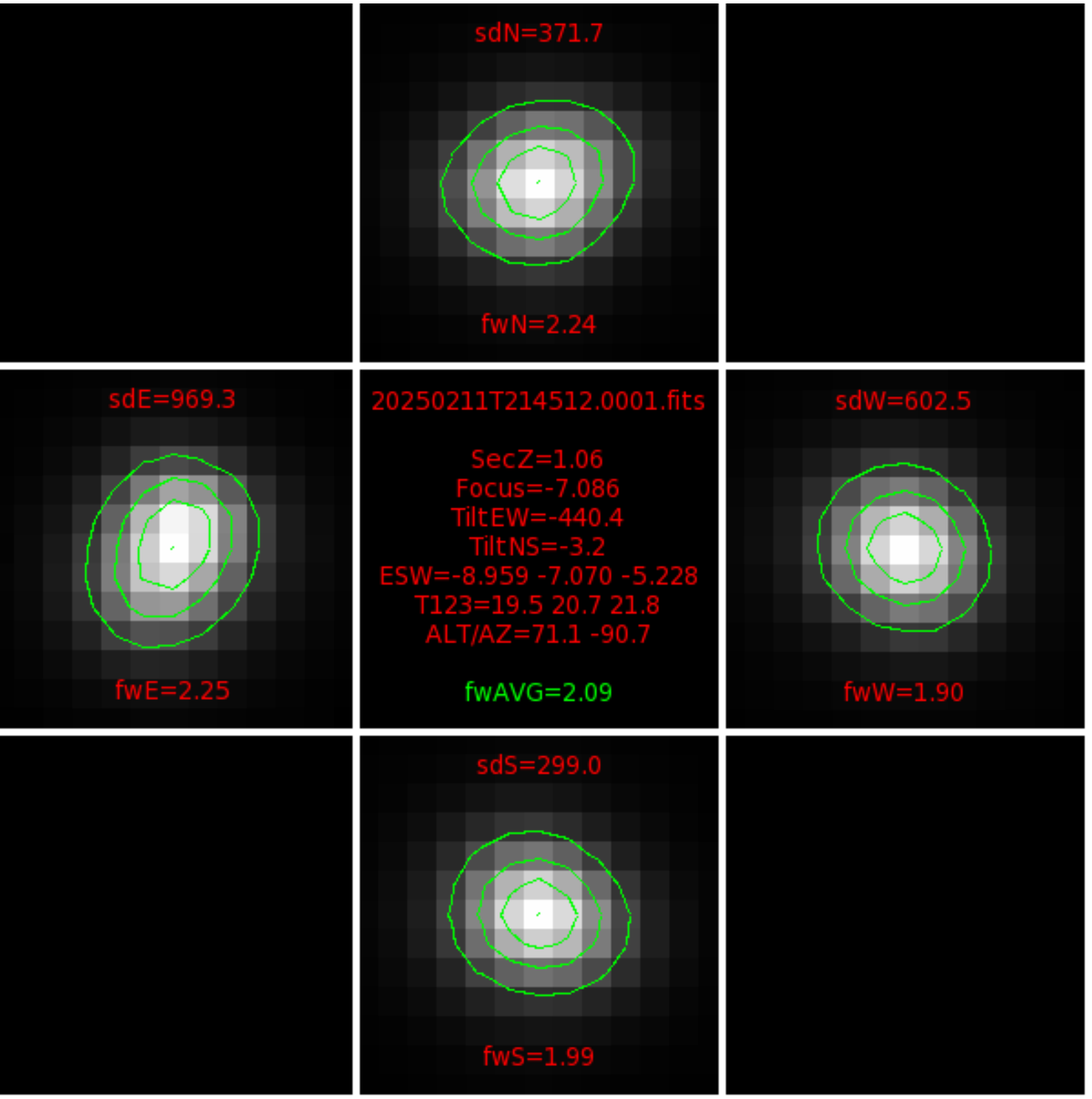
sdN=371.7
fwN=2.24
sdE=969.3
fwE=2.25
20250211T214512.0001.fits
SecZ=1.06
Focus=-7.086
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.959 -7.070 -5.228
T123=19.5 20.7 21.8
ALT/AZ=71.1 -90.7
fwAVG=2.09
sdW=602.5
fwW=1.90
sdS=299.0
fwS=1.99
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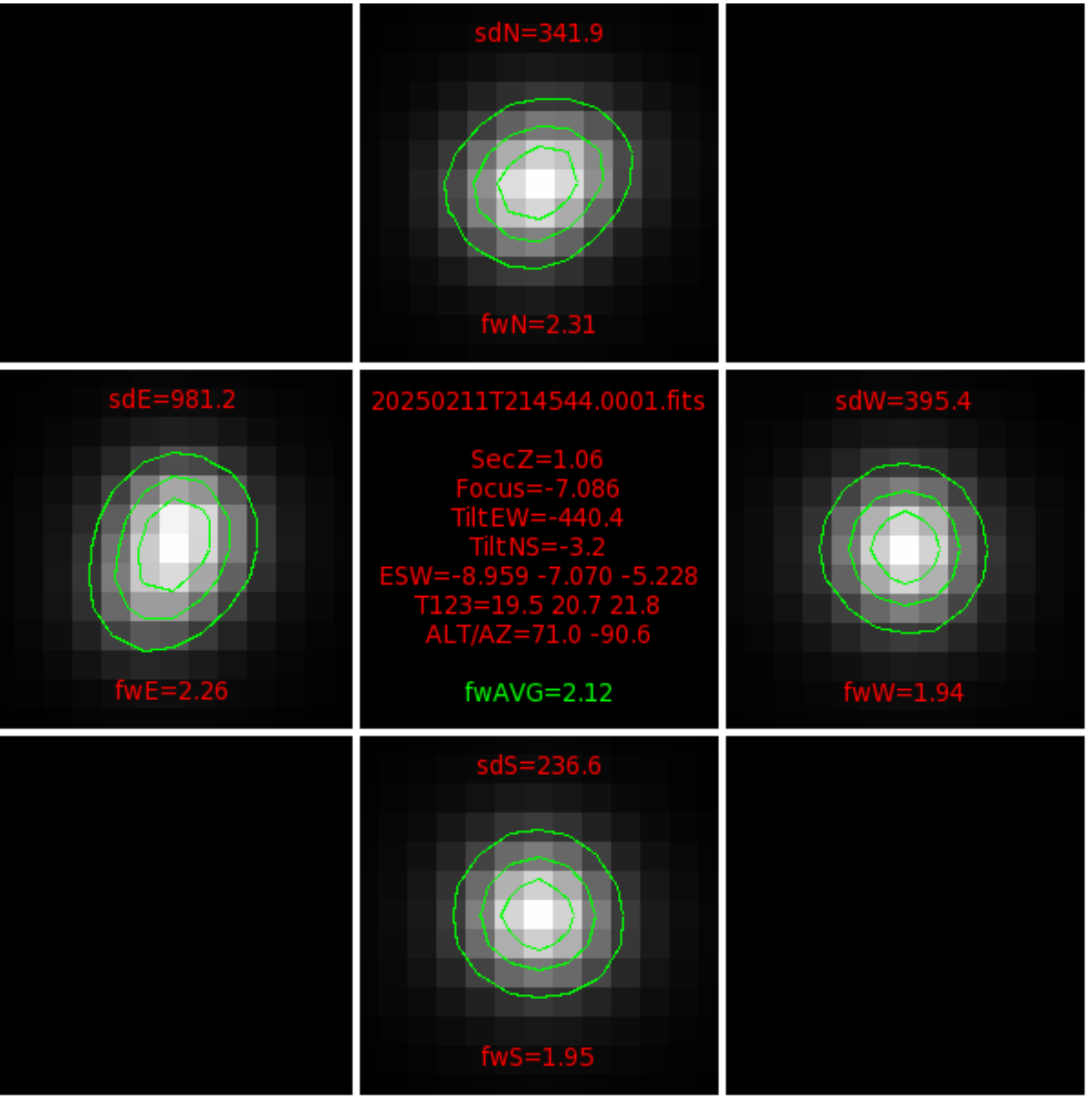
sdN=341.9
fwN=2.31
sdE=981.2
fwE=2.26
20250211T214544.0001.fits
SecZ=1.06
Focus=-7.086
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.959 -7.070 -5.228
T123=19.5 20.7 21.8
ALT/AZ=71.0 -90.6
fwAVG=2.12
sdW=395.4
fwW=1.94
sdS=236.6
fwS=1.95
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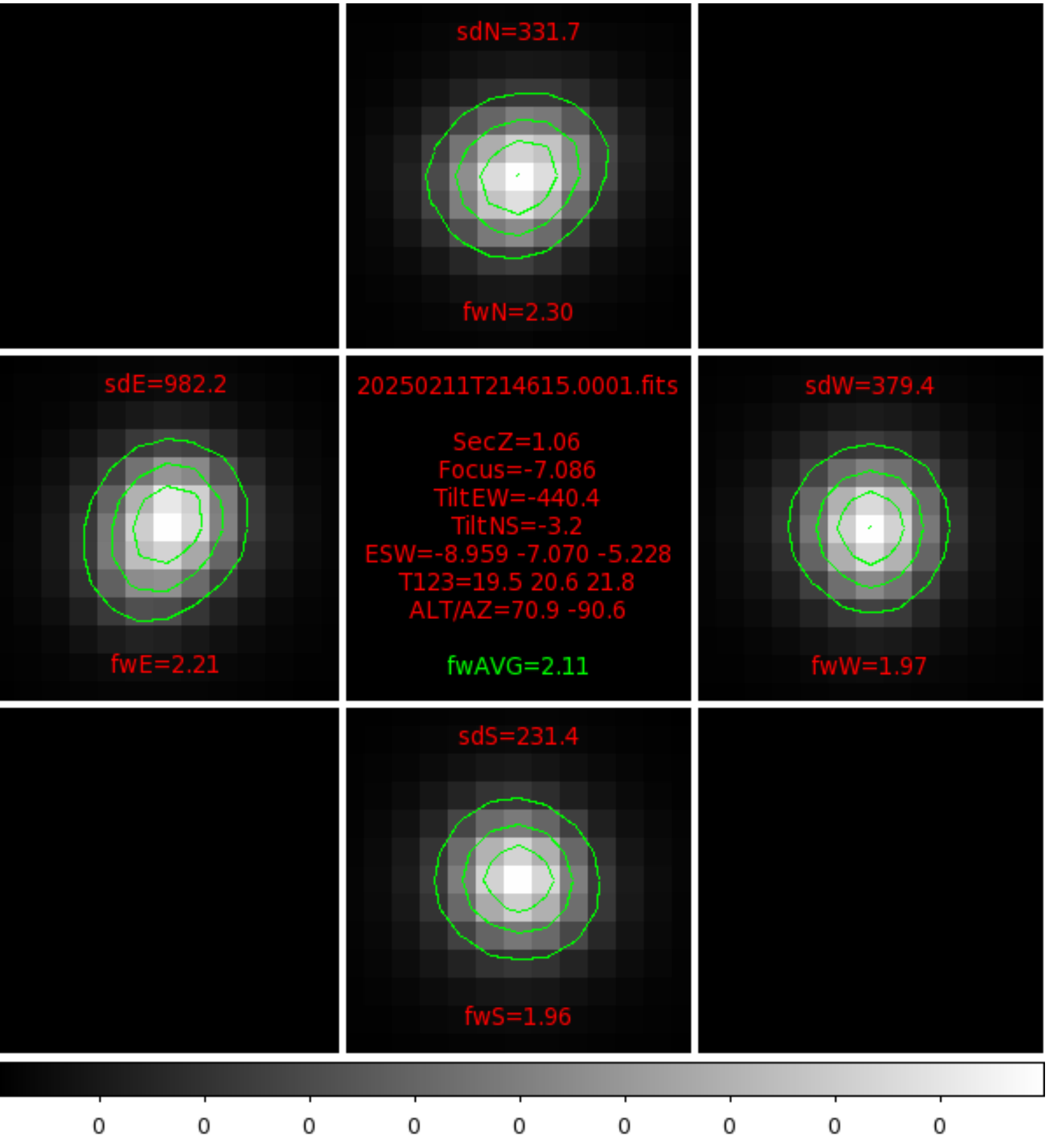
sdN=331.7
fwN=2.30
sdE=982.2
fwE=2.21
20250211T214615.0001.fits
SecZ=1.06
Focus=-7.086
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.959 -7.070 -5.228
T123=19.5 20.6 21.8
ALT/AZ=70.9 -90.6
fwAVG=2.11
sdW=379.4
fwW=1.97
sdS=231.4
fwS=1.96
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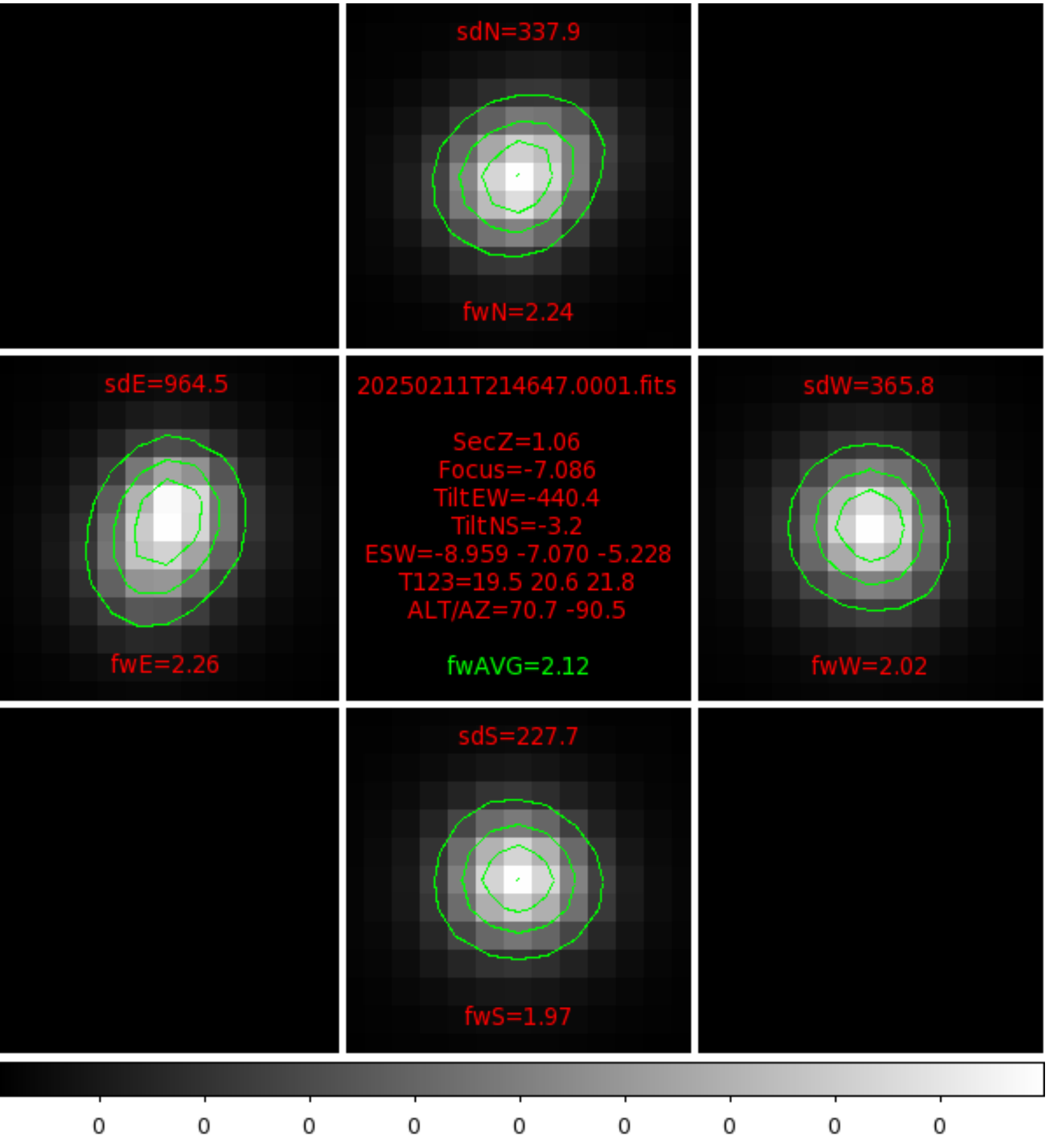
sdN=337.9
fwN=2.24
sdE=964.5
fwE=2.26
20250211T214647.0001.fits
SecZ=1.06
Focus=-7.086
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.959 -7.070 -5.228
T123=19.5 20.6 21.8
ALT/AZ=70.7 -90.5
fwAVG=2.12
sdW=365.8
fwW=2.02
sdS=227.7
fwS=1.97
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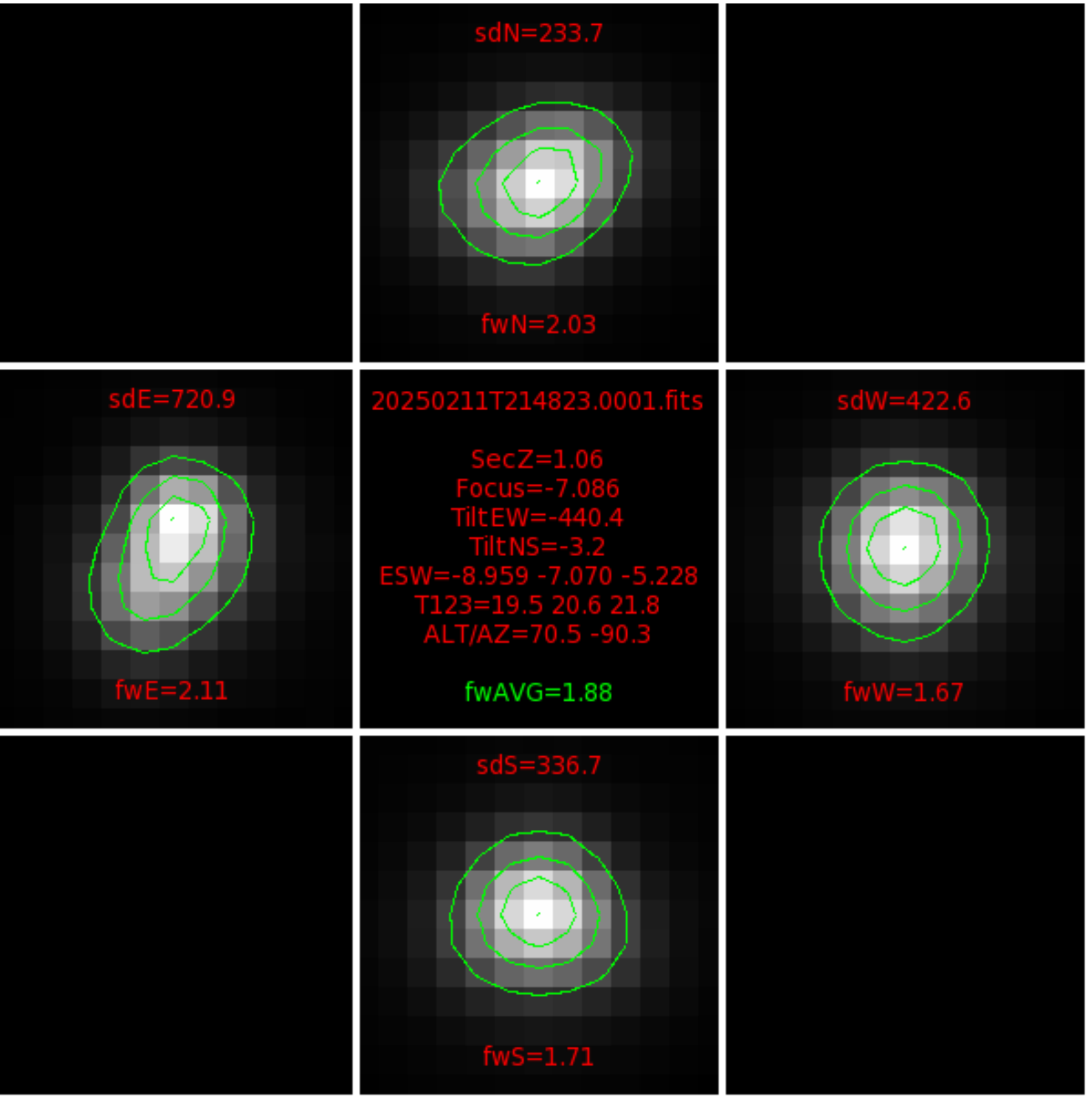
sdN=233.7
fwN=2.03
sdE=720.9
fwE=2.11
20250211T214823.0001.fits
SecZ=1.06
Focus=-7.086
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.959 -7.070 -5.228
T123=19.5 20.6 21.8
ALT/AZ=70.5 -90.3
fwAVG=1.88
sdW=422.6
fwW=1.67
sdS=336.7
fwS=1.71
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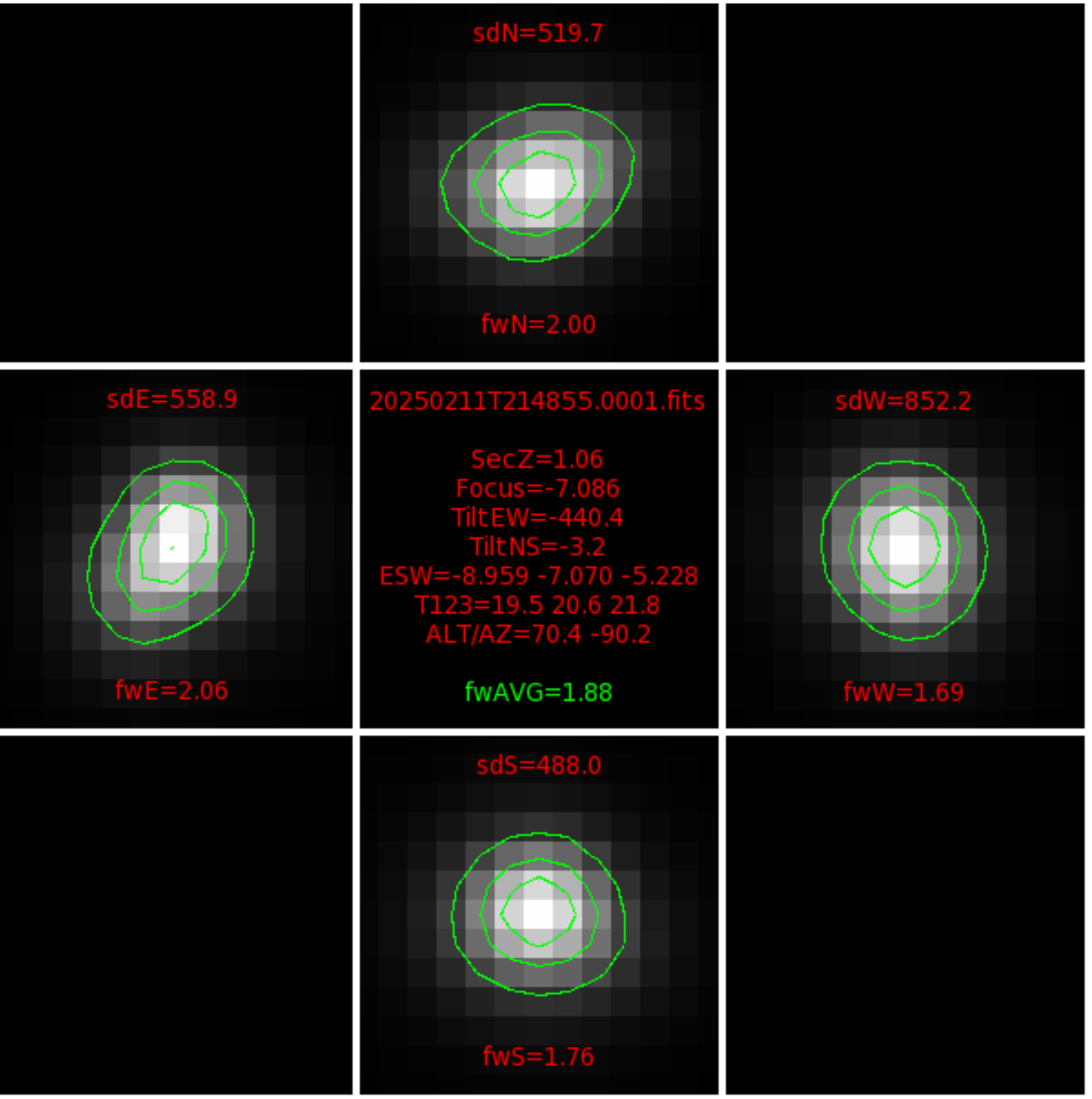
sdN=519.7
fwN=2.00
sdE=558.9
fwE=2.06
20250211T214855.0001.fits
SecZ=1.06
Focus=-7.086
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.959 -7.070 -5.228
T123=19.5 20.6 21.8
ALT/AZ=70.4 -90.2
fwAVG=1.88
sdW=852.2
fwW=1.69
sdS=488.0
fwS=1.76
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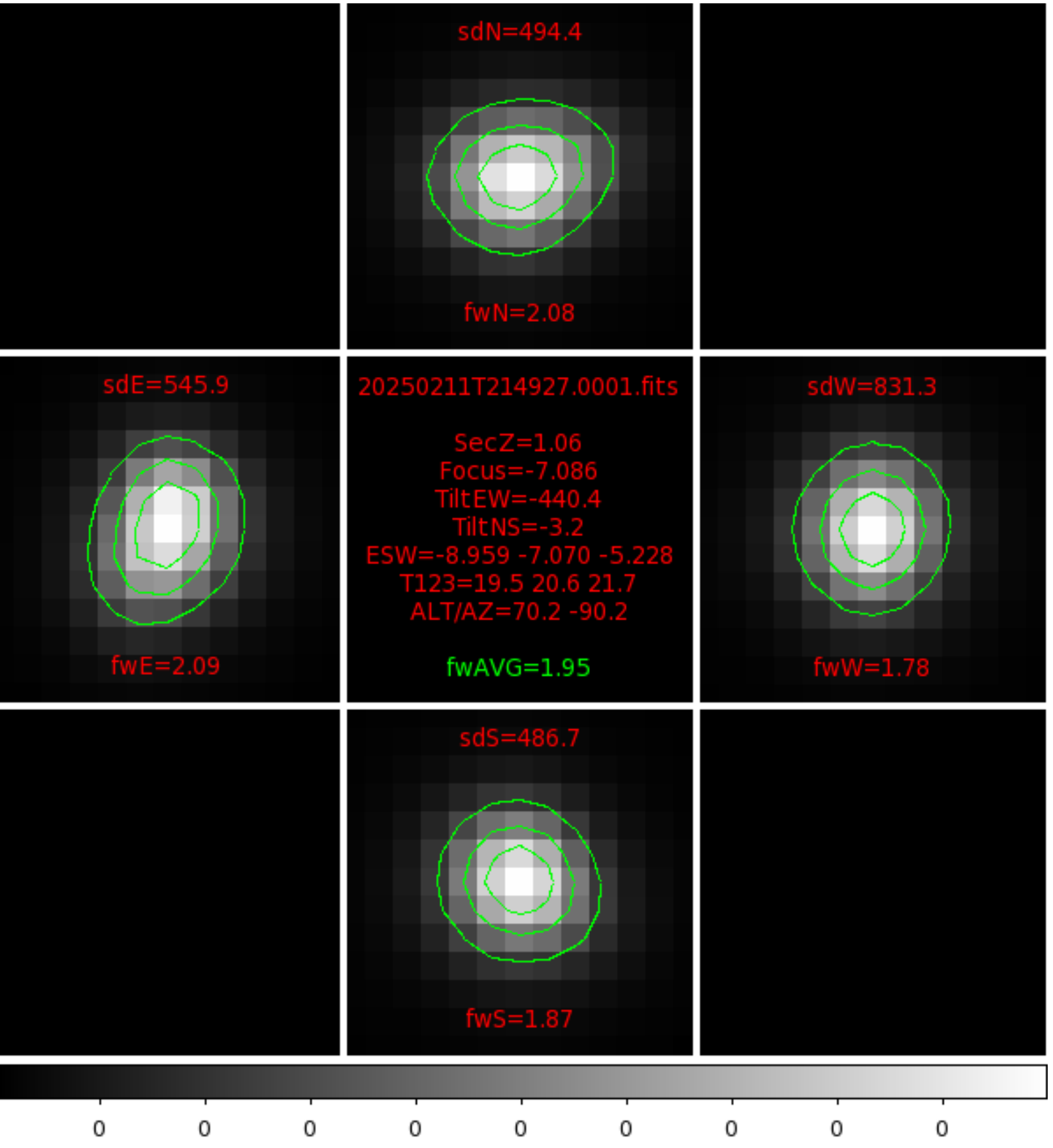
sdN=494.4
fwN=2.08
sdE=545.9
fwE=2.09
20250211T214927.0001.fits
SecZ=1.06
Focus=-7.086
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.959 -7.070 -5.228
T123=19.5 20.6 21.7
ALT/AZ=70.2 -90.2
fwAVG=1.95
sdW=831.3
fwW=1.78
sdS=486.7
fwS=1.87
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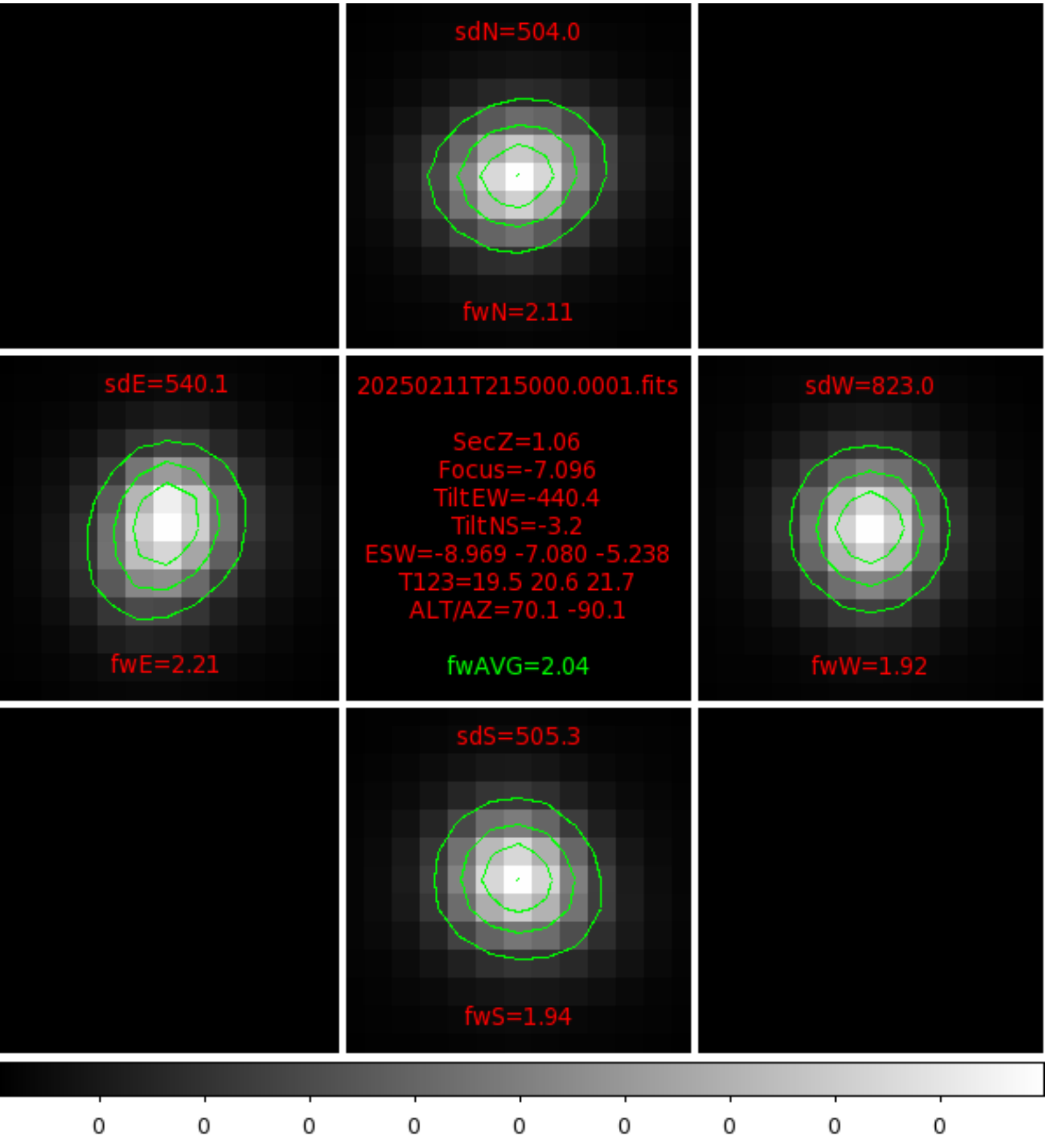
sdN=504.0
fwN=2.11
sdE=540.1
fwE=2.21
20250211T215000.0001.fits
SecZ=1.06
Focus=-7.096
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.969 -7.080 -5.238
T123=19.5 20.6 21.7
ALT/AZ=70.1 -90.1
fwAVG=2.04
sdW=823.0
fwW=1.92
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fwS=1.94
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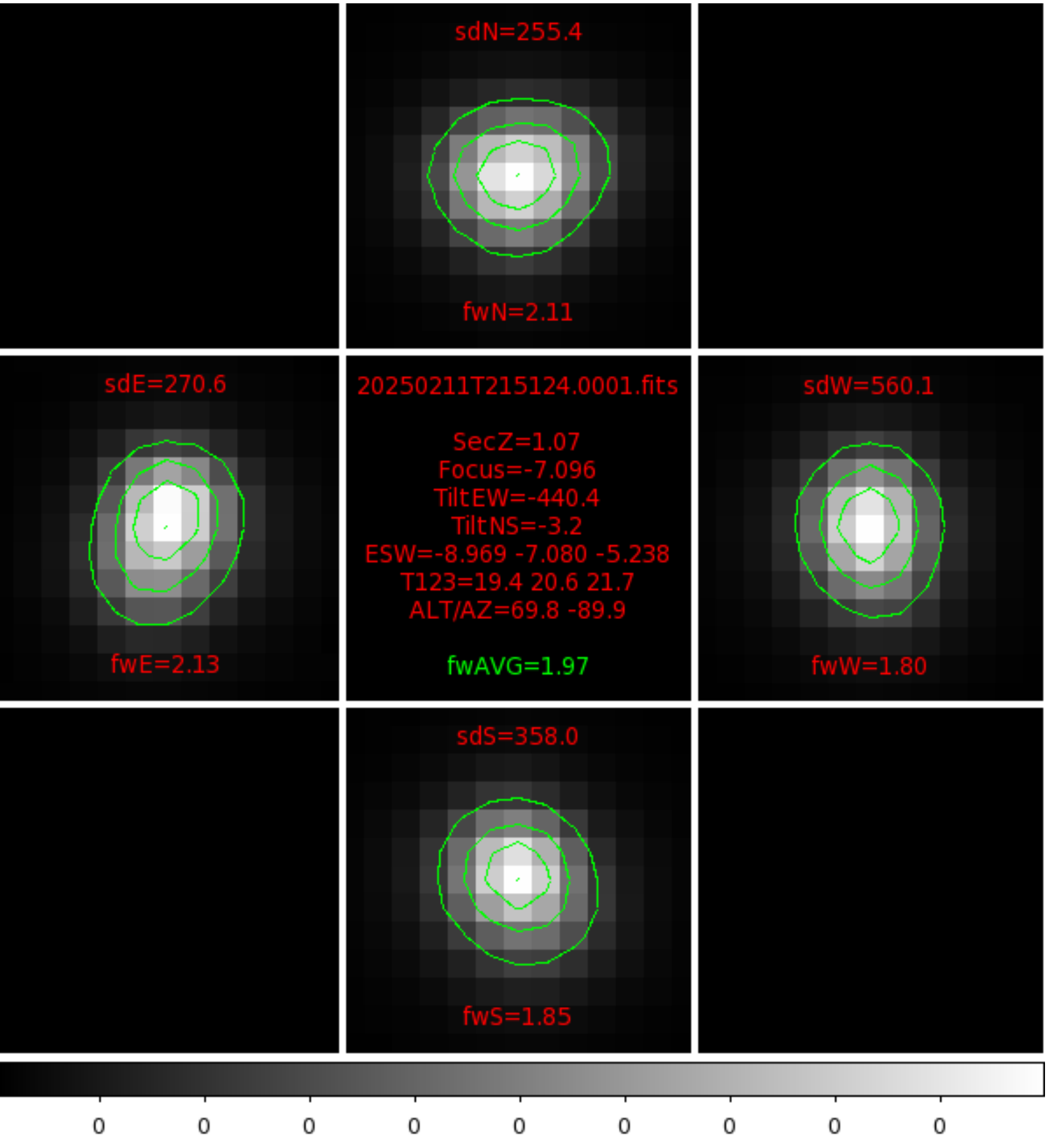
sdN=255.4
fwN=2.11
sdE=270.6
fwE=2.13
20250211T215124.0001.fits
SecZ=1.07
Focus=-7.096
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.969 -7.080 -5.238
T123=19.4 20.6 21.7
ALT/AZ=69.8 -89.9
fwAVG=1.97
sdW=560.1
fwW=1.80
sdS=358.0
fwS=1.85
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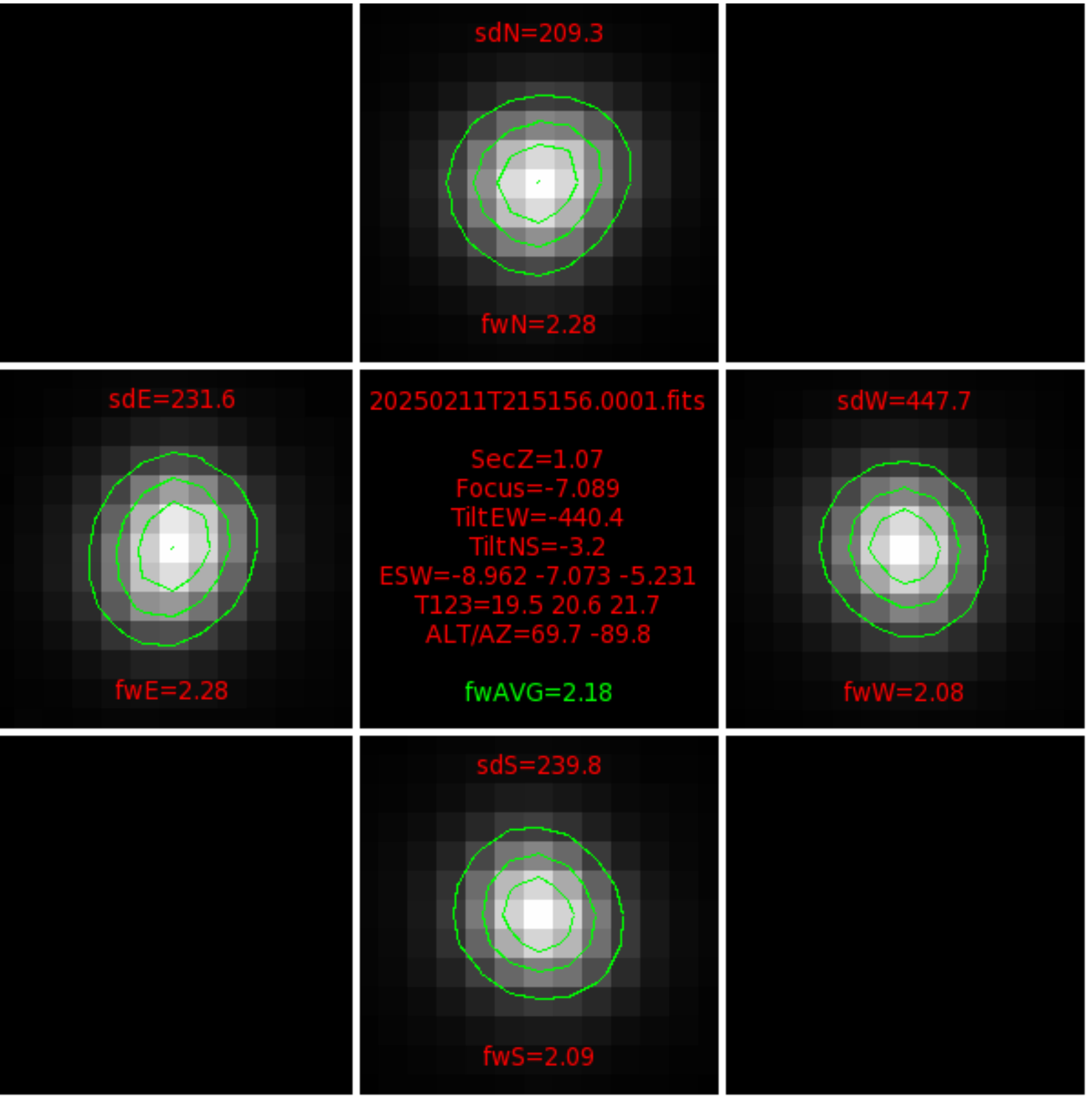
sdN=209.3
fwN=2.28
sdE=231.6
fwE=2.28
20250211T215156.0001.fits
SecZ=1.07
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=19.5 20.6 21.7
ALT/AZ=69.7 -89.8
fwAVG=2.18
sdW=447.7
fwW=2.08
sdS=239.8
fwS=2.09
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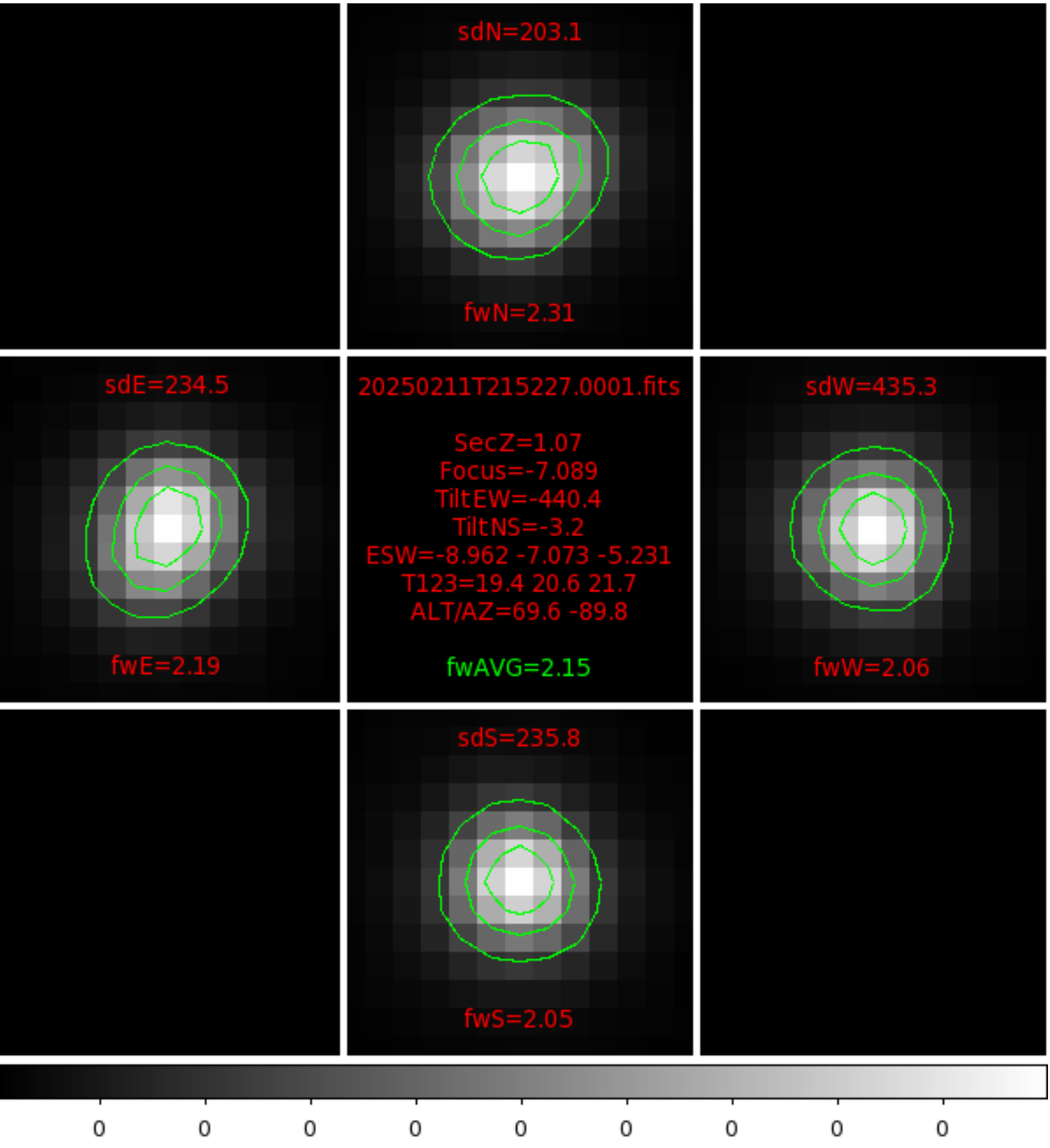
sdN=203.1
fwN=2.31
sdE=234.5
fwE=2.19
20250211T215227.0001.fits
SecZ=1.07
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=19.4 20.6 21.7
ALT/AZ=69.6 -89.8
fwAVG=2.15
sdW=435.3
fwW=2.06
sdS=235.8
fwS=2.05
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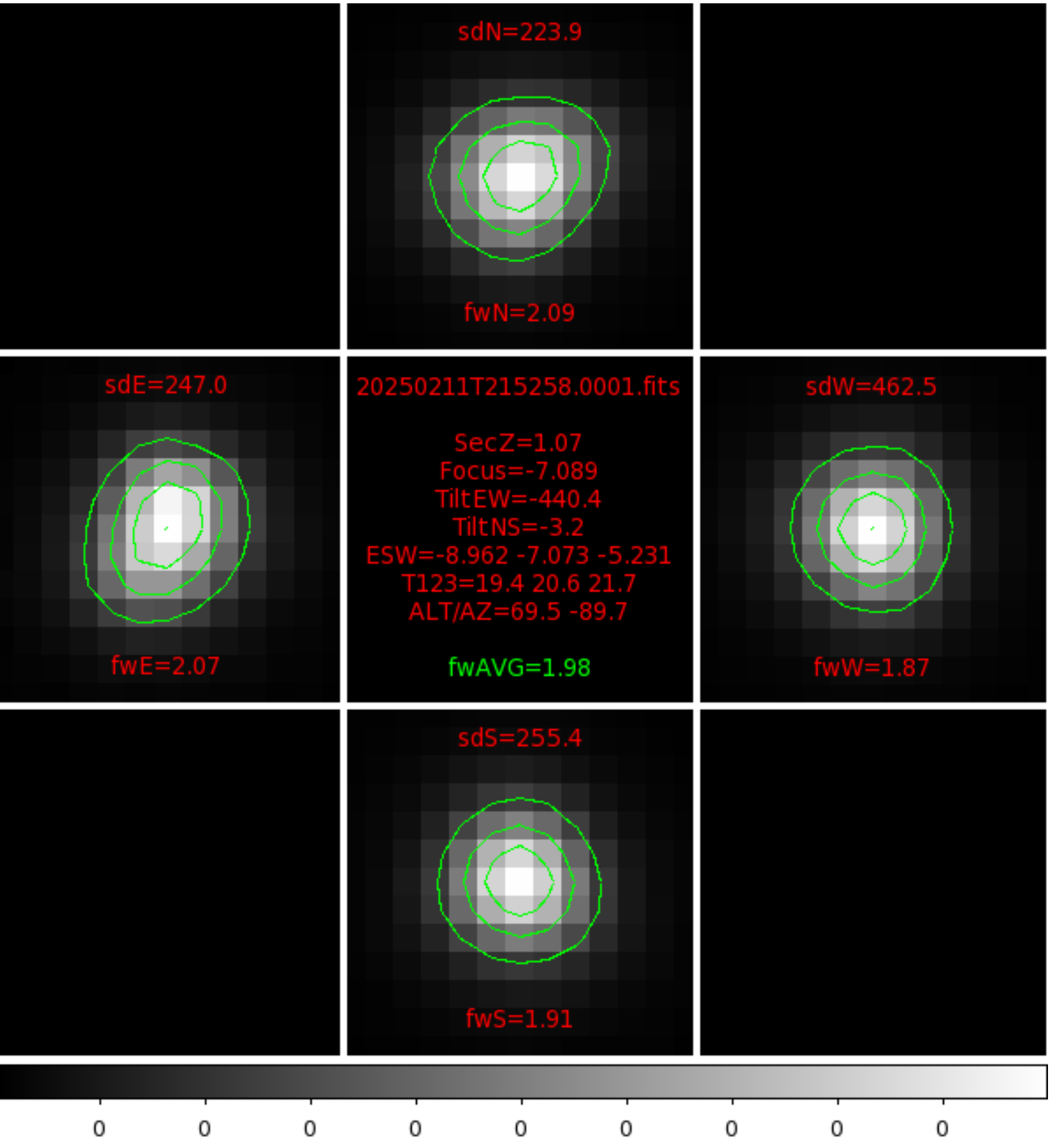
sdN=223.9
fwN=2.09
sdE=247.0
fwE=2.07
20250211T215258.0001.fits
SecZ=1.07
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=19.4 20.6 21.7
ALT/AZ=69.5 -89.7
fwAVG=1.98
sdW=462.5
fwW=1.87
sdS=255.4
fwS=1.91
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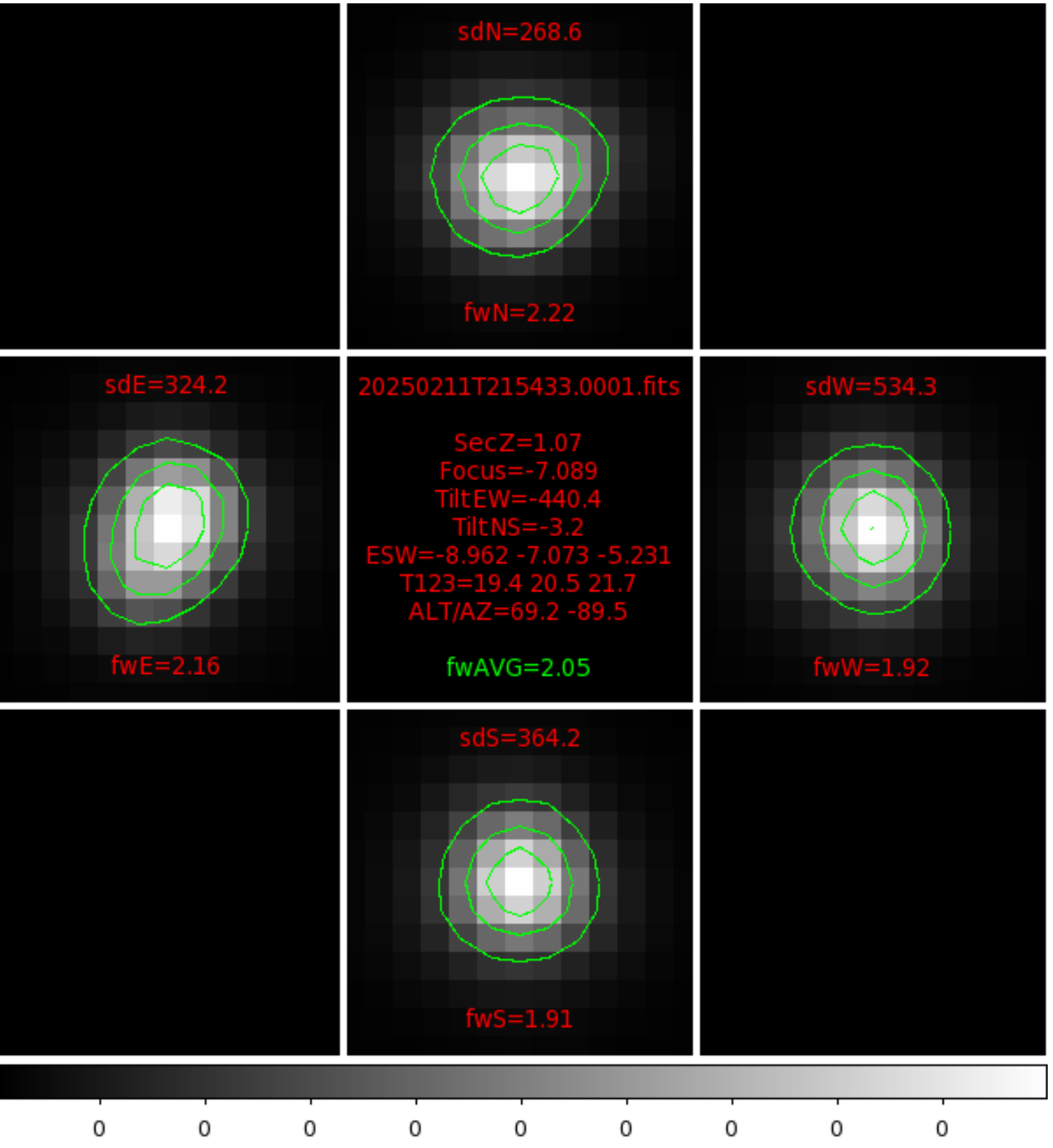
sdN=268.6
fwN=2.22
sdE=324.2
fwE=2.16
20250211T215433.0001.fits
SecZ=1.07
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=19.4 20.5 21.7
ALT/AZ=69.2 -89.5
fwAVG=2.05
sdW=534.3
fwW=1.92
sdS=364.2
fwS=1.91
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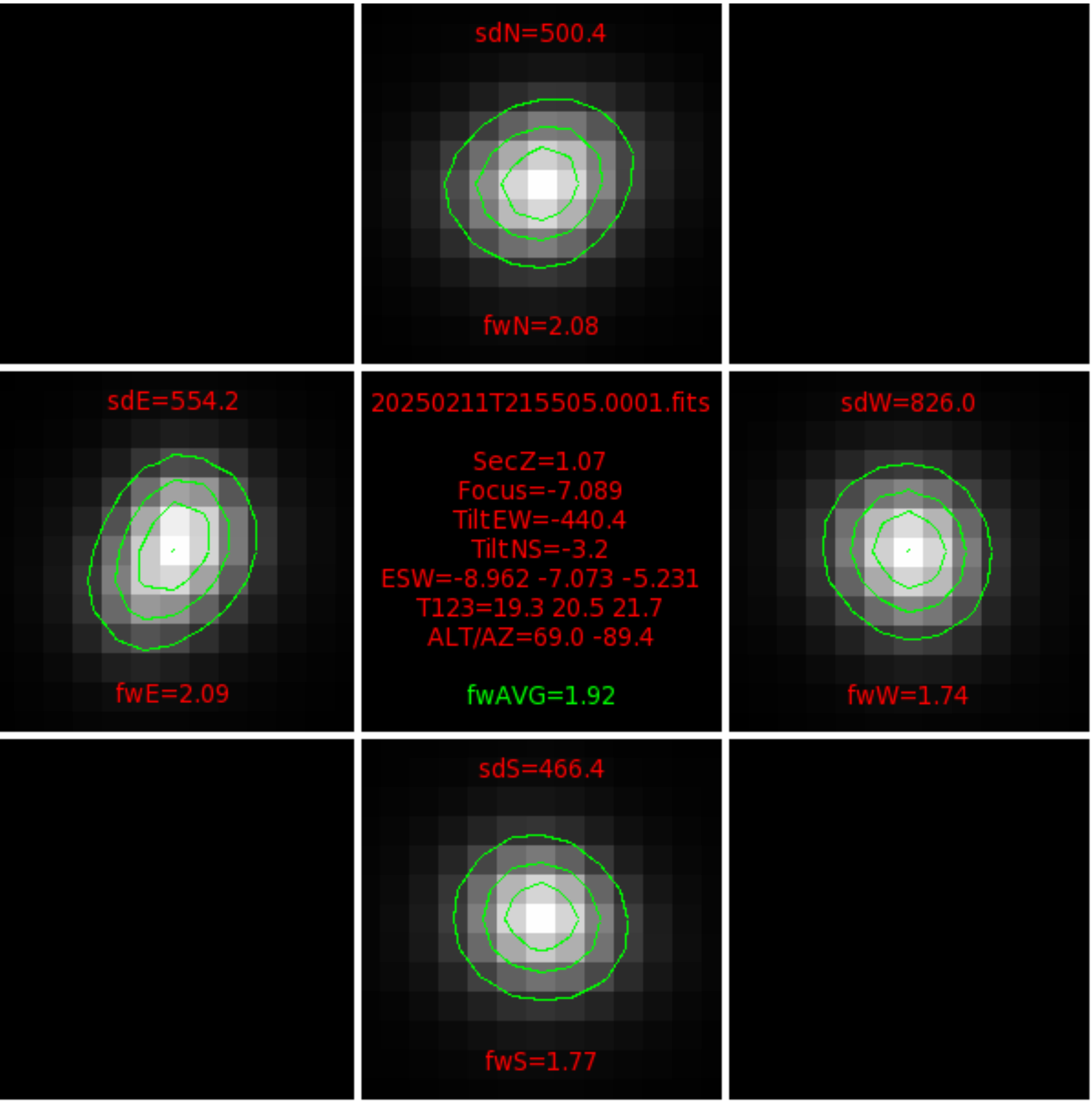
sdN=500.4
fwN=2.08
sdE=554.2
fwE=2.09
20250211T215505.0001.fits
SecZ=1.07
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=19.3 20.5 21.7
ALT/AZ=69.0 -89.4
fwAVG=1.92
sdW=826.0
fwW=1.74
sdS=466.4
fwS=1.77
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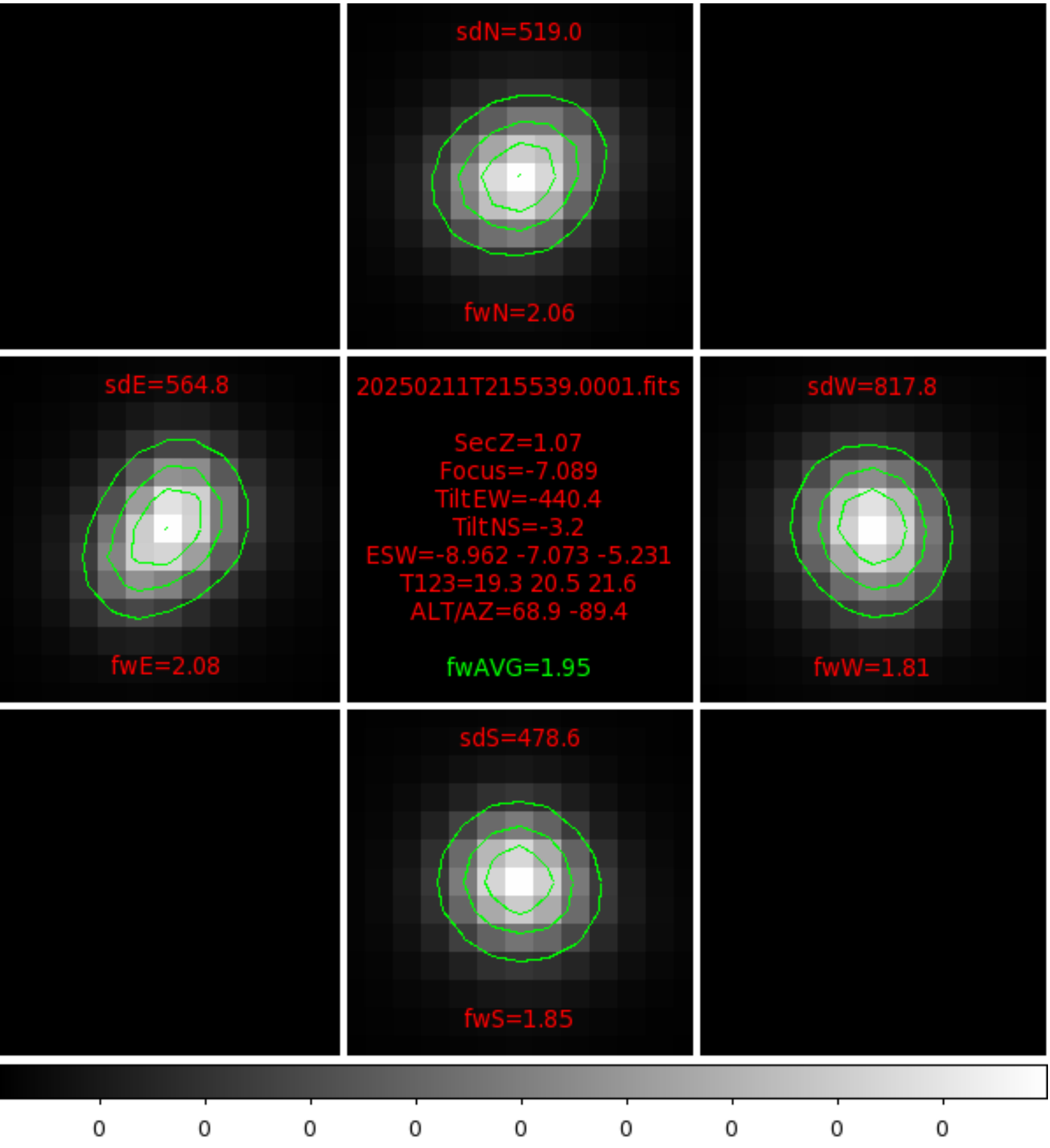
sdN=519.0
fwN=2.06
sdE=564.8
fwE=2.08
20250211T215539.0001.fits
SecZ=1.07
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=19.3 20.5 21.6
ALT/AZ=68.9 -89.4
fwAVG=1.95
sdW=817.8
fwW=1.81
sdS=478.6
fwS=1.85
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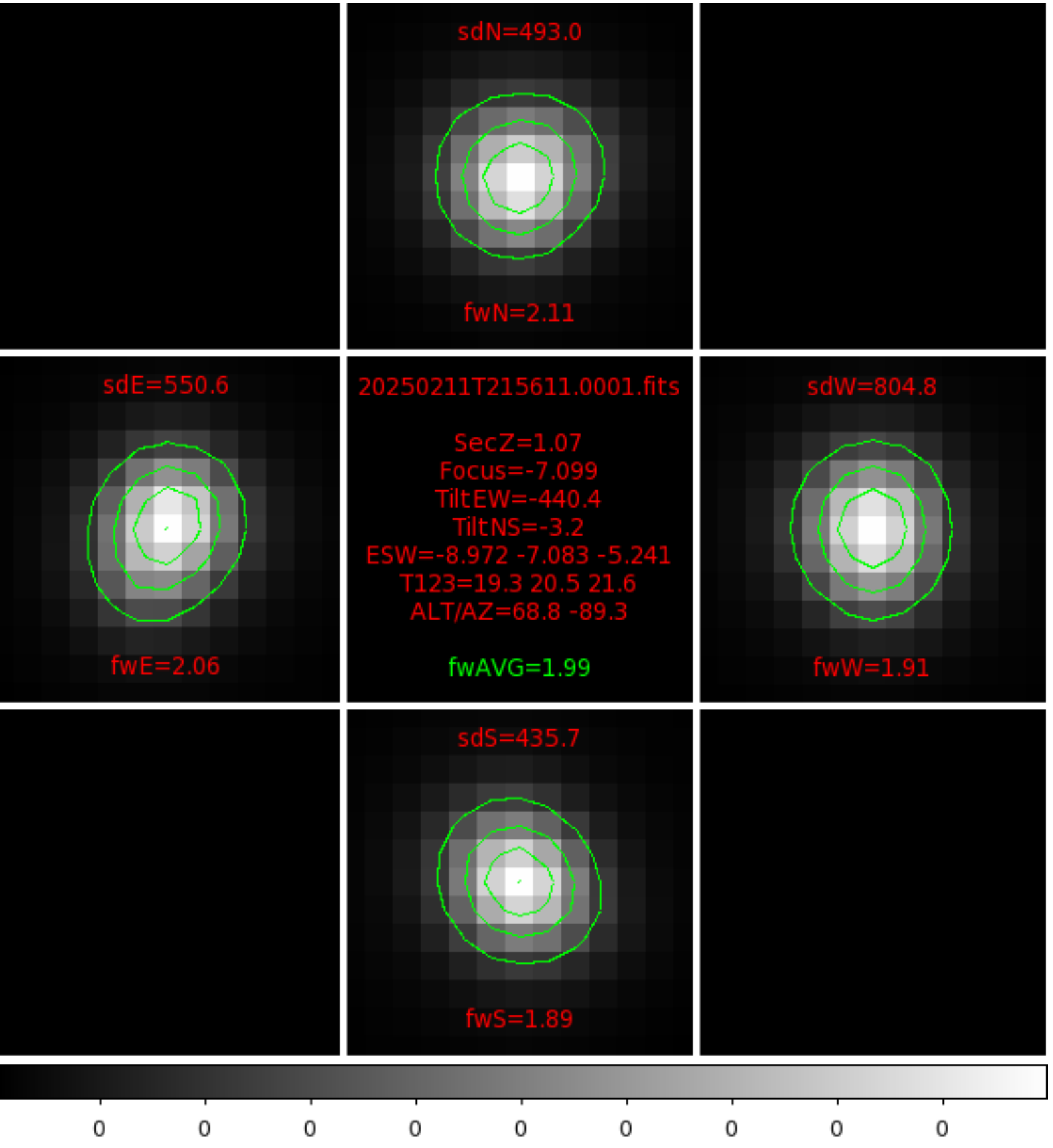
sdN=493.0
fwN=2.11
sdE=550.6
fwE=2.06
20250211T215611.0001.fits
SecZ=1.07
Focus=-7.099
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.972 -7.083 -5.241
T123=19.3 20.5 21.6
ALT/AZ=68.8 -89.3
fwAVG=1.99
sdW=804.8
fwW=1.91
sdS=435.7
fwS=1.89
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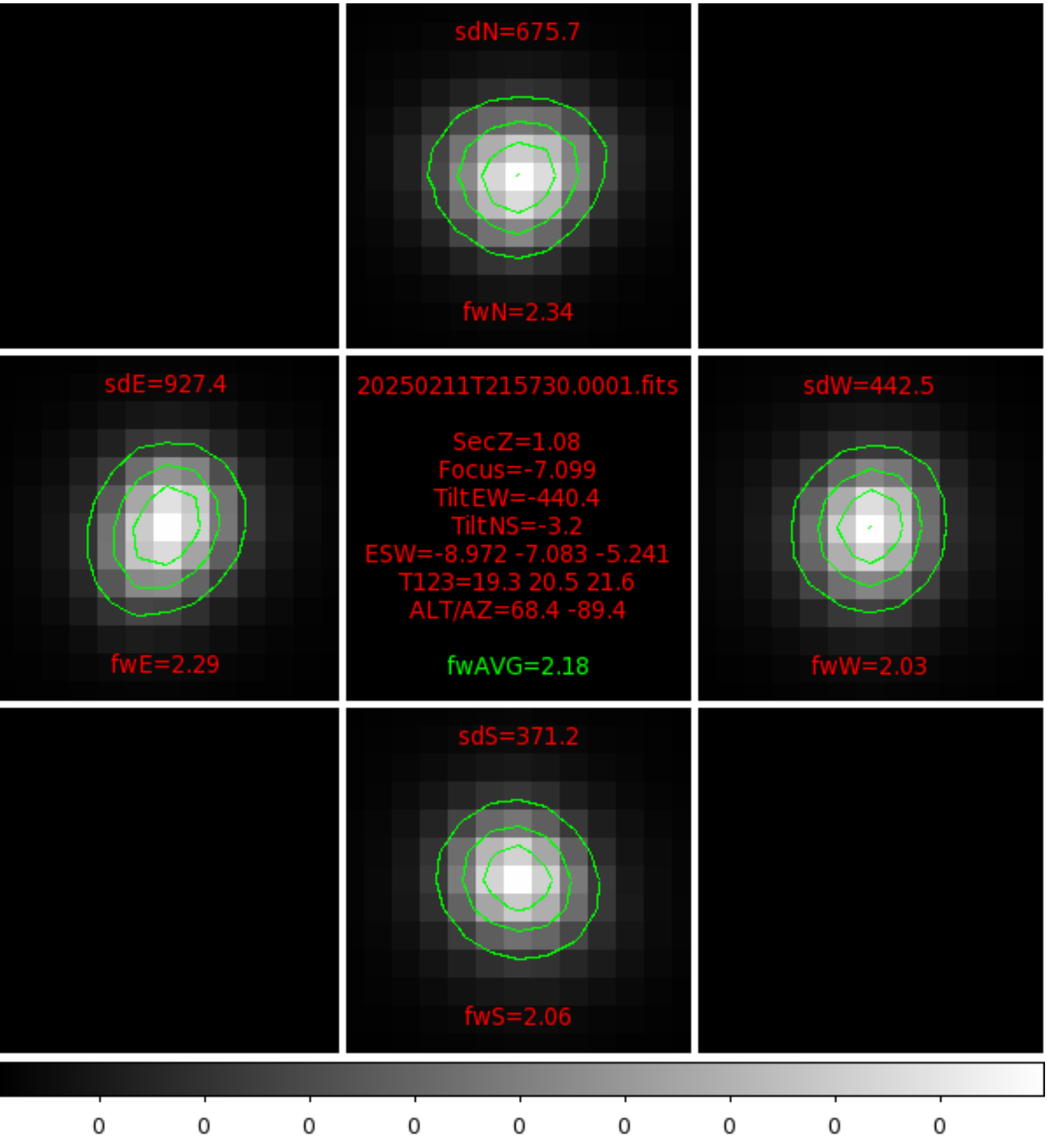
sdN=675.7
fwN=2.34
sdE=927.4
fwE=2.29
20250211T215730.0001.fits
SecZ=1.08
Focus=-7.099
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.972 -7.083 -5.241
T123=19.3 20.5 21.6
ALT/AZ=68.4 -89.4
fwAVG=2.18
sdW=442.5
fwW=2.03
sdS=371.2
fwS=2.06
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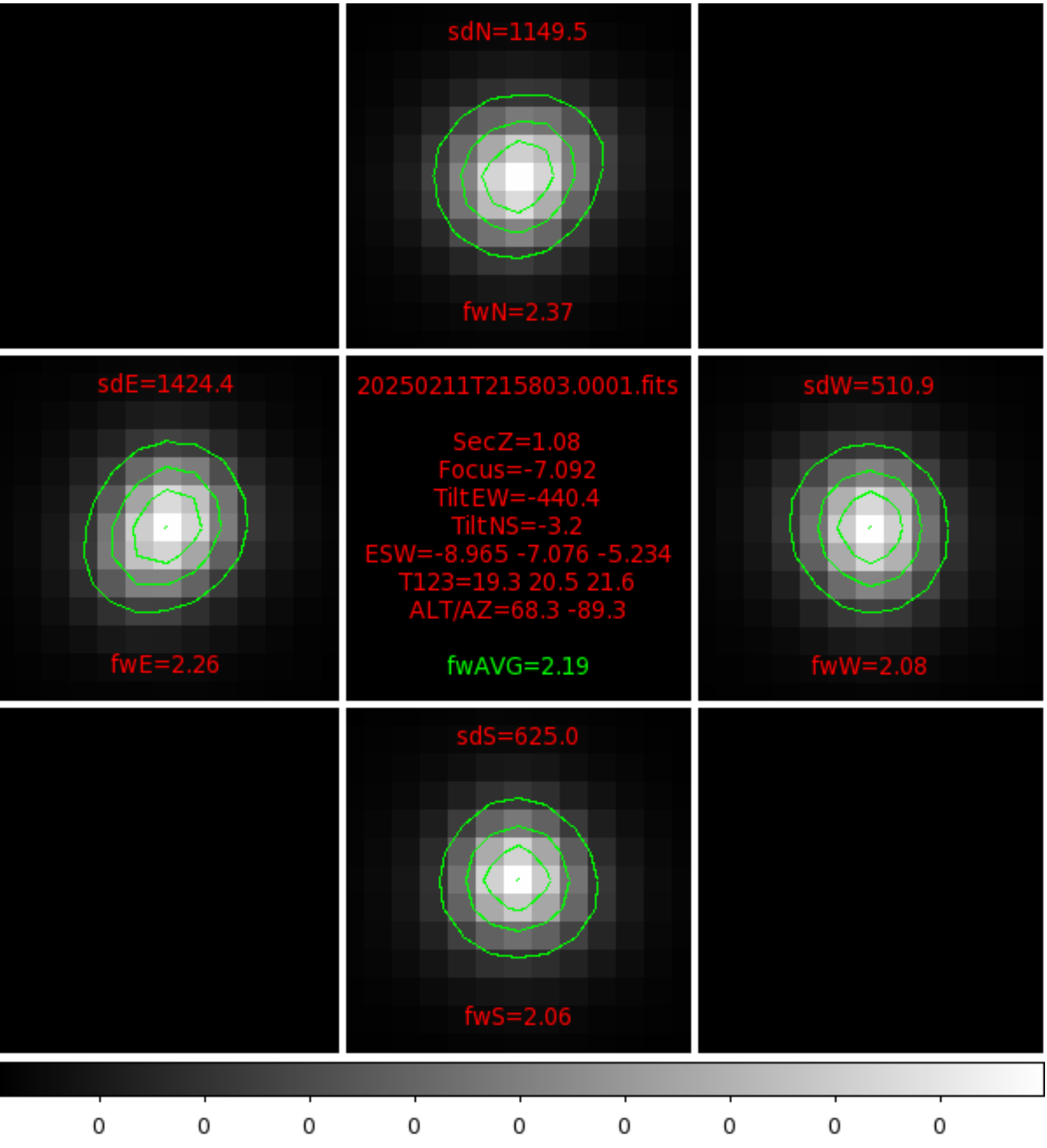
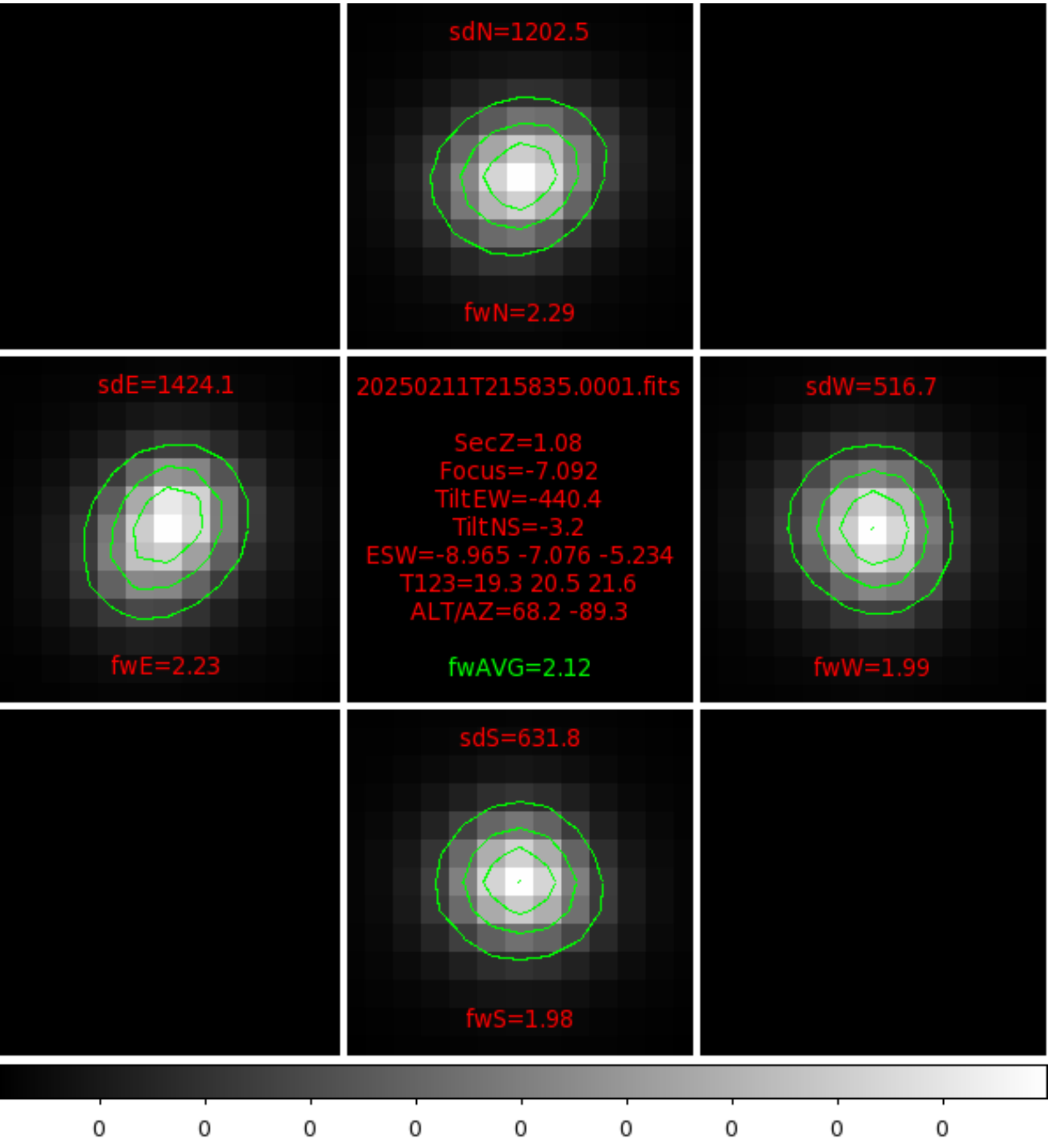

sdN=1149.5
fwN=2.37
sdE=1424.4
fwE=2.26
20250211T215803.0001.fits
SecZ=1.08
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.3 20.5 21.6
ALT/AZ=68.3 -89.3
fwAVG=2.19
sdW=510.9
fwW=2.08
sdS=625.0
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=1202.5
fwN=2.29
sdE=1424.1
fwE=2.23
20250211T215835.0001.fits
SecZ=1.08
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.3 20.5 21.6
ALT/AZ=68.2 -89.3
fwAVG=2.12
sdW=516.7
fwW=1.99
sdS=631.8
fwS=1.98
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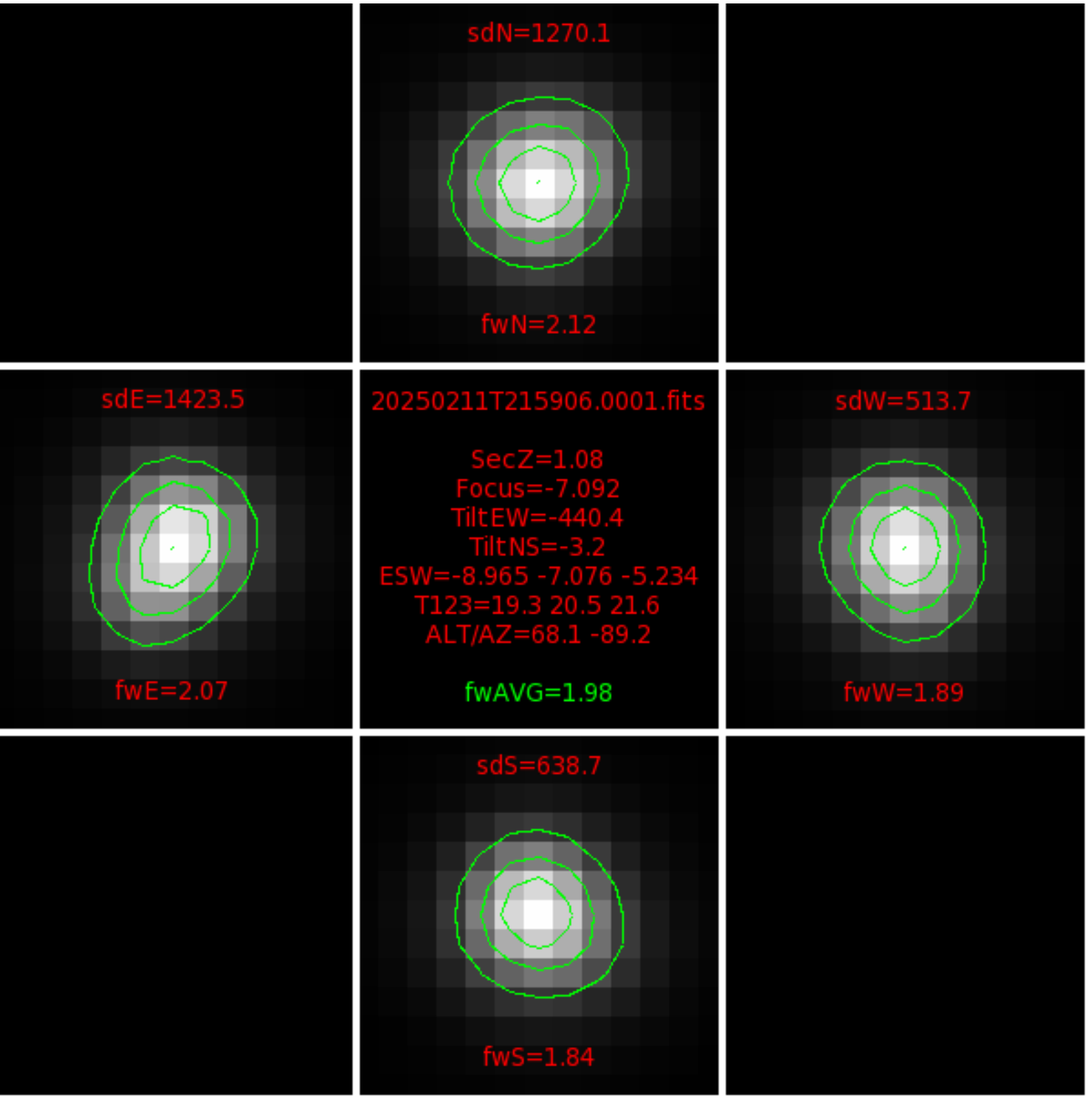
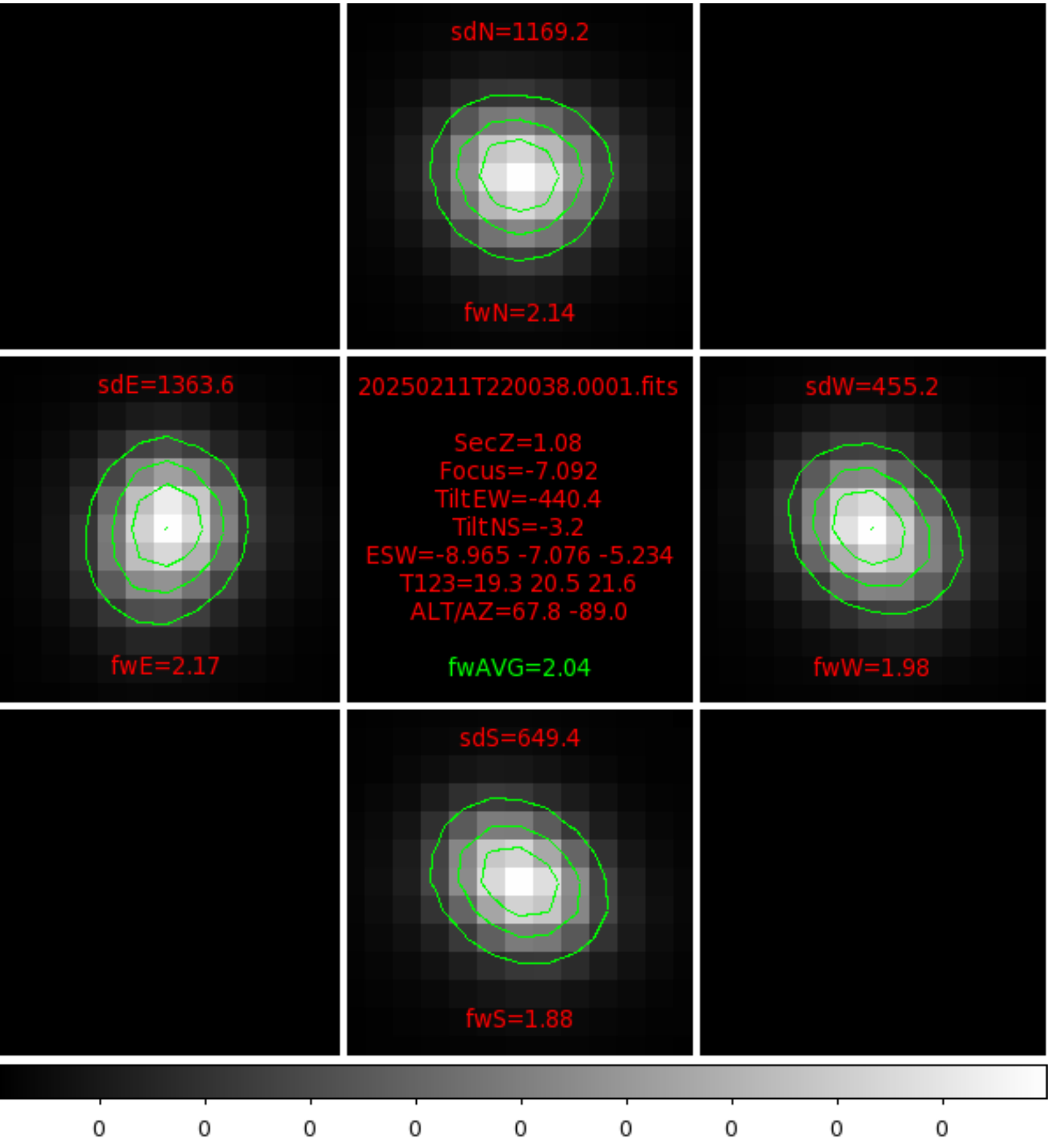

sdN=1270.1
fwN=2.12
sdE=1423.5
fwE=2.07
20250211T215906.0001.fits
SecZ=1.08
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.3 20.5 21.6
ALT/AZ=68.1 -89.2
fwAVG=1.98
sdW=513.7
fwW=1.89
sdS=638.7
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=1169.2
fwN=2.14
sdE=1363.6
fwE=2.17
20250211T220038.0001.fits
SecZ=1.08
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.3 20.5 21.6
ALT/AZ=67.8 -89.0
fwAVG=2.04
sdW=455.2
fwW=1.98
sdS=649.4
fwS=1.88
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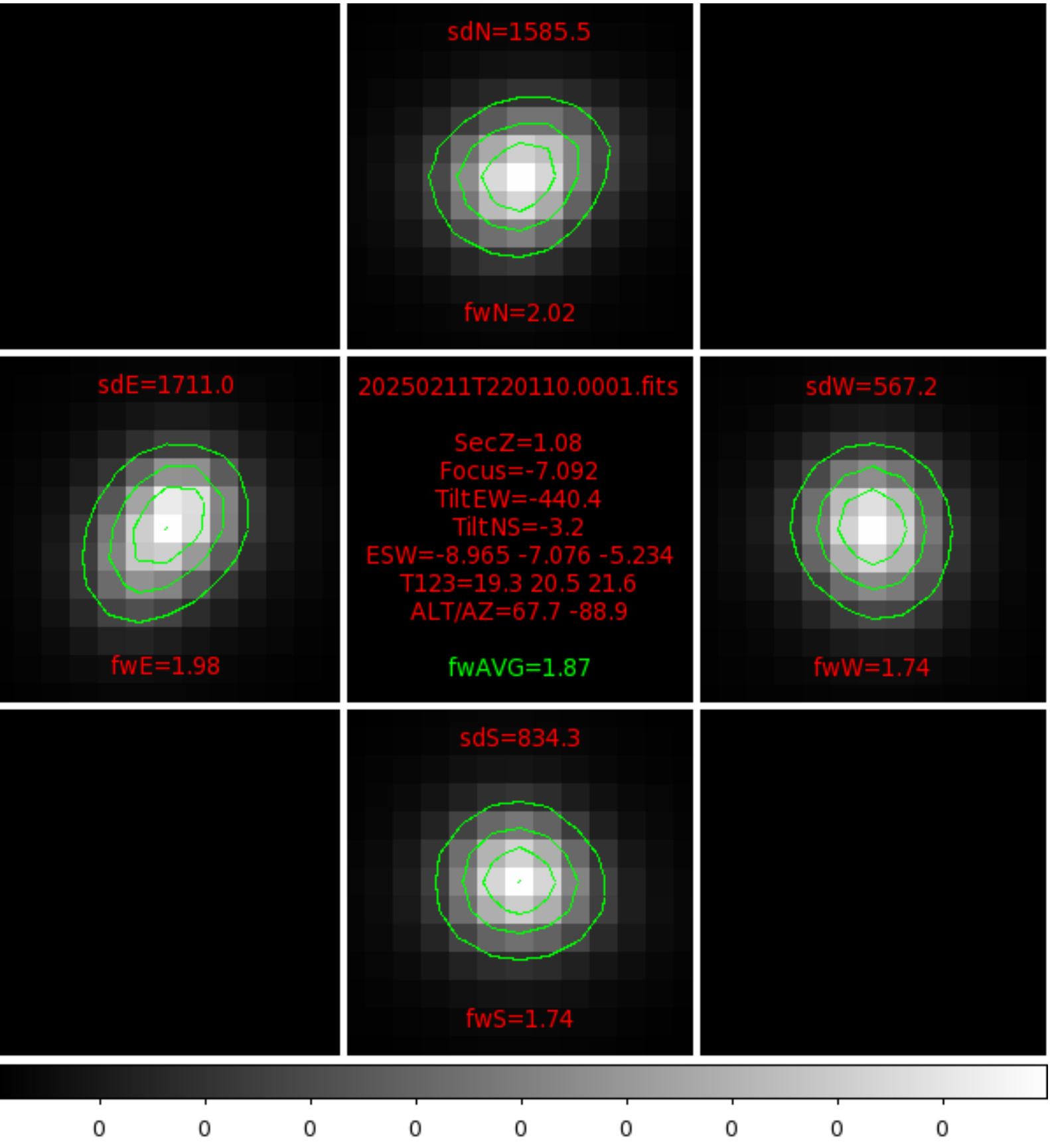
sdN=1585.5
fwN=2.02
sdE=1711.0
fwE=1.98
20250211T220110.0001.fits
SecZ=1.08
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.3 20.5 21.6
ALT/AZ=67.7 -88.9
fwAVG=1.87
sdW=567.2
fwW=1.74
sdS=834.3
fwS=1.74
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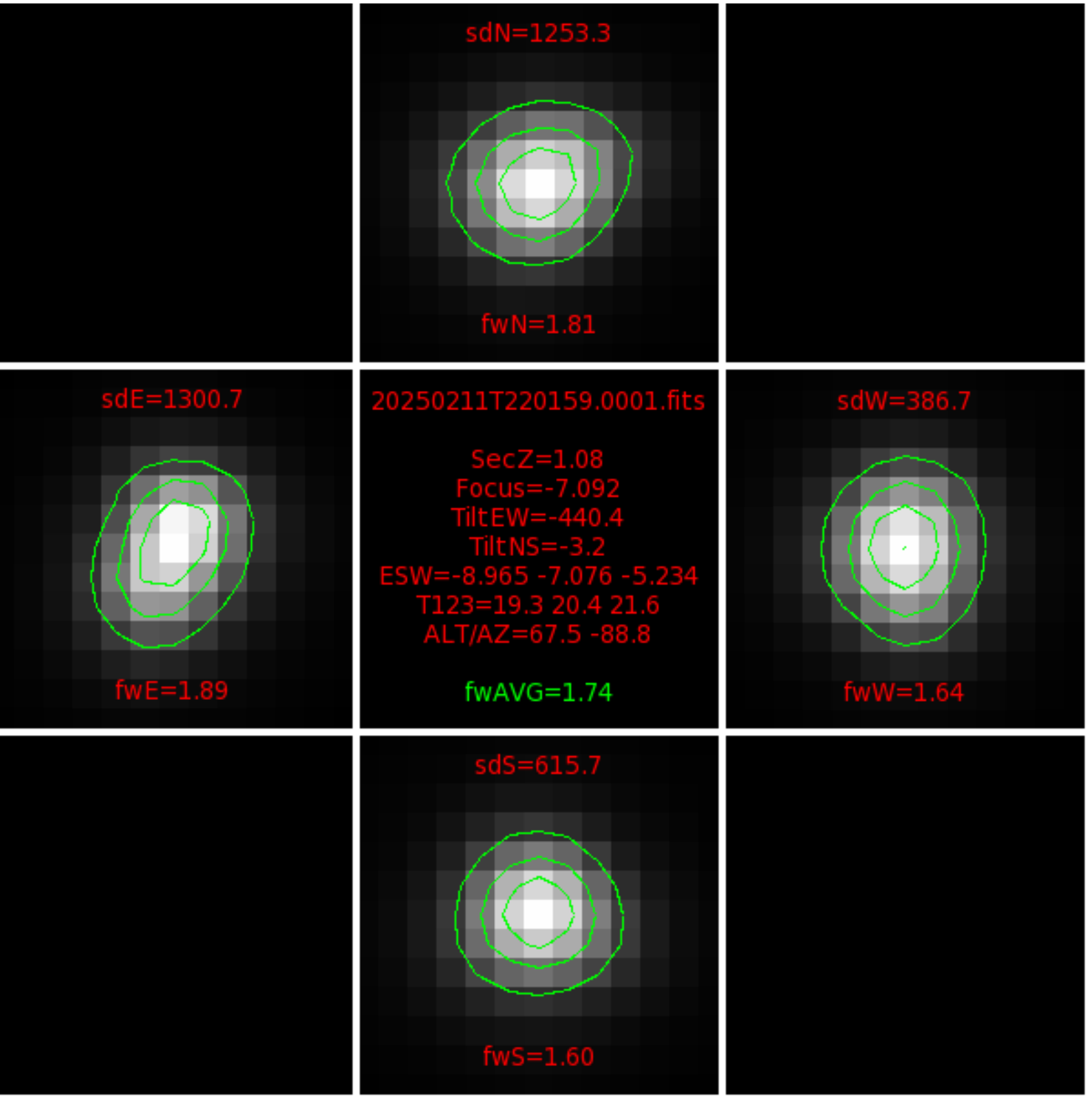
sdN=1253.3
fwN=1.81
sdE=1300.7
fwE=1.89
20250211T220159.0001.fits
SecZ=1.08
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.3 20.4 21.6
ALT/AZ=67.5 -88.8
fwAVG=1.74
sdW=386.7
fwW=1.64
sdS=615.7
fwS=1.60
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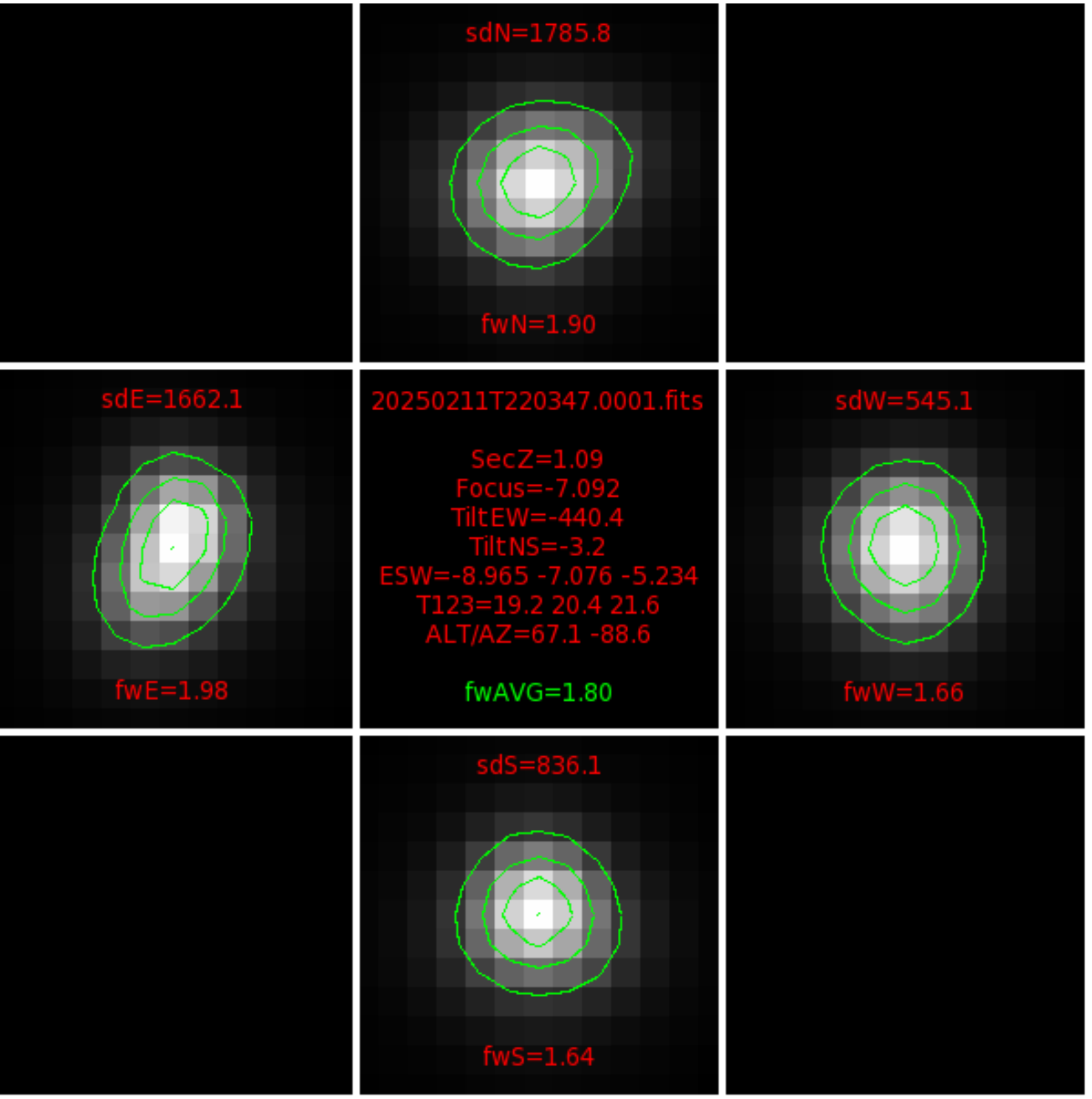
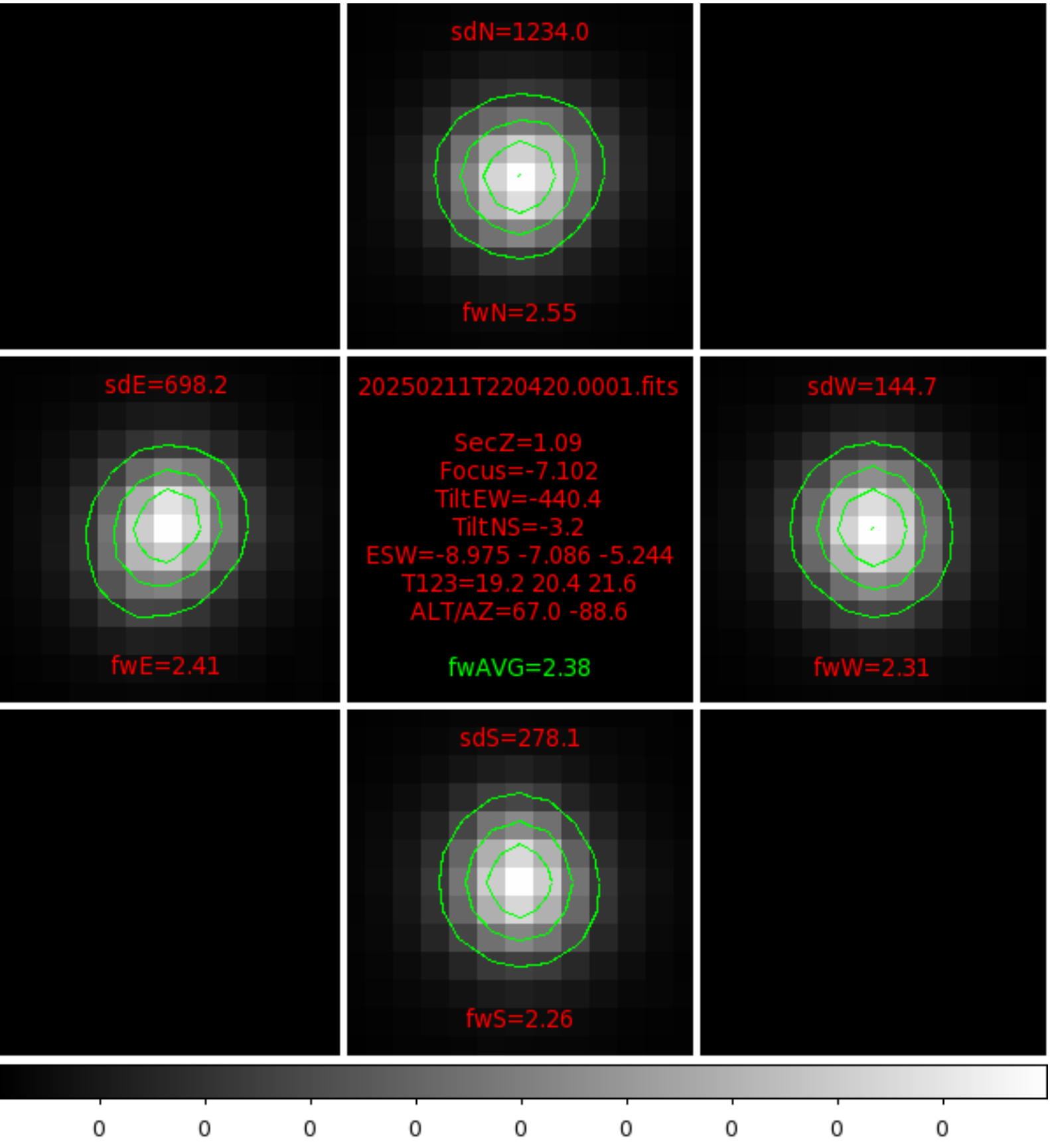

sdN=1785.8
fwN=1.90
sdE=1662.1
fwE=1.98
20250211T220347.0001.fits
SecZ=1.09
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=19.2 20.4 21.6
ALT/AZ=67.1 -88.6
fwAVG=1.80
sdW=545.1
fwW=1.66
sdS=836.1
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=1234.0
fwN=2.55
sdE=698.2
fwE=2.41
20250211T220420.0001.fits
SecZ=1.09
Focus=-7.102
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.975 -7.086 -5.244
T123=19.2 20.4 21.6
ALT/AZ=67.0 -88.6
fwAVG=2.38
sdW=144.7
fwW=2.31
sdS=278.1
fwS=2.26
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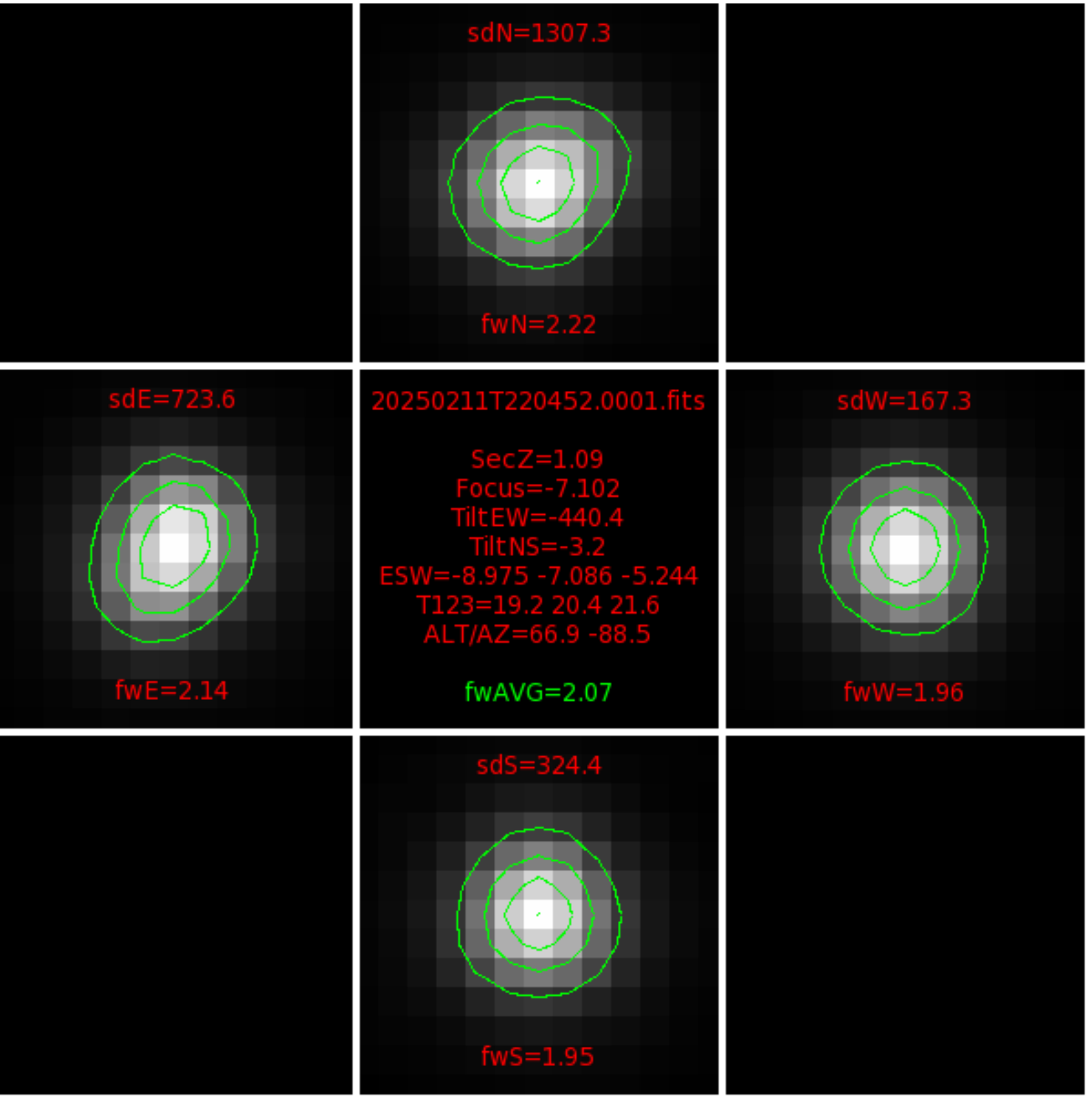
sdN=1307.3
fwN=2.22
sdE=723.6
fwE=2.14
20250211T220452.0001.fits
SecZ=1.09
Focus=-7.102
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.975 -7.086 -5.244
T123=19.2 20.4 21.6
ALT/AZ=66.9 -88.5
fwAVG=2.07
sdW=167.3
fwW=1.96
sdS=324.4
fwS=1.95
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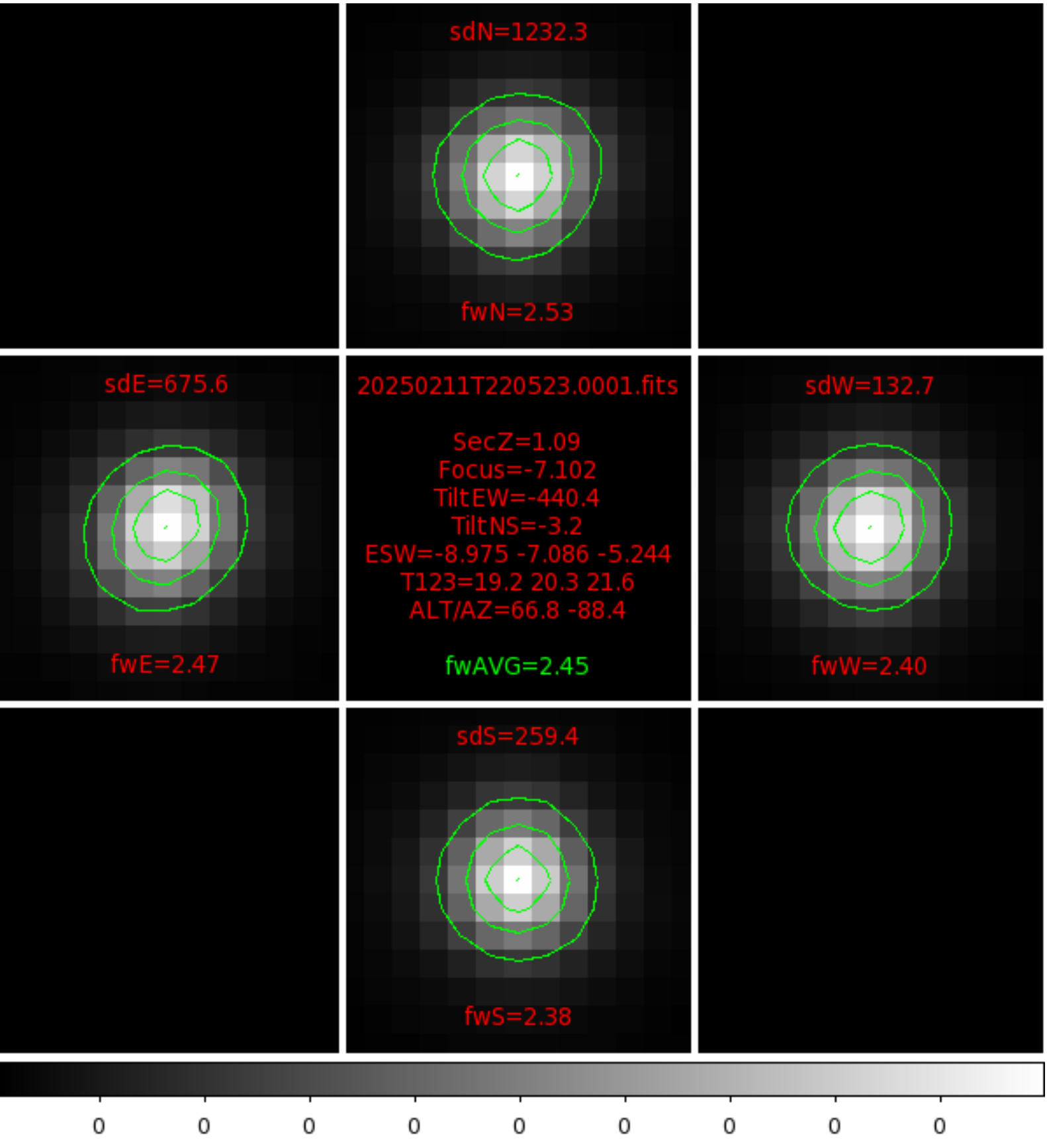
sdN=1232.3
fwN=2.53
sdE=675.6
fwE=2.47
20250211T220523.0001.fits
SecZ=1.09
Focus=-7.102
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.975 -7.086 -5.244
T123=19.2 20.3 21.6
ALT/AZ=66.8 -88.4
fwAVG=2.45
sdW=132.7
fwW=2.40
sdS=259.4
fwS=2.38
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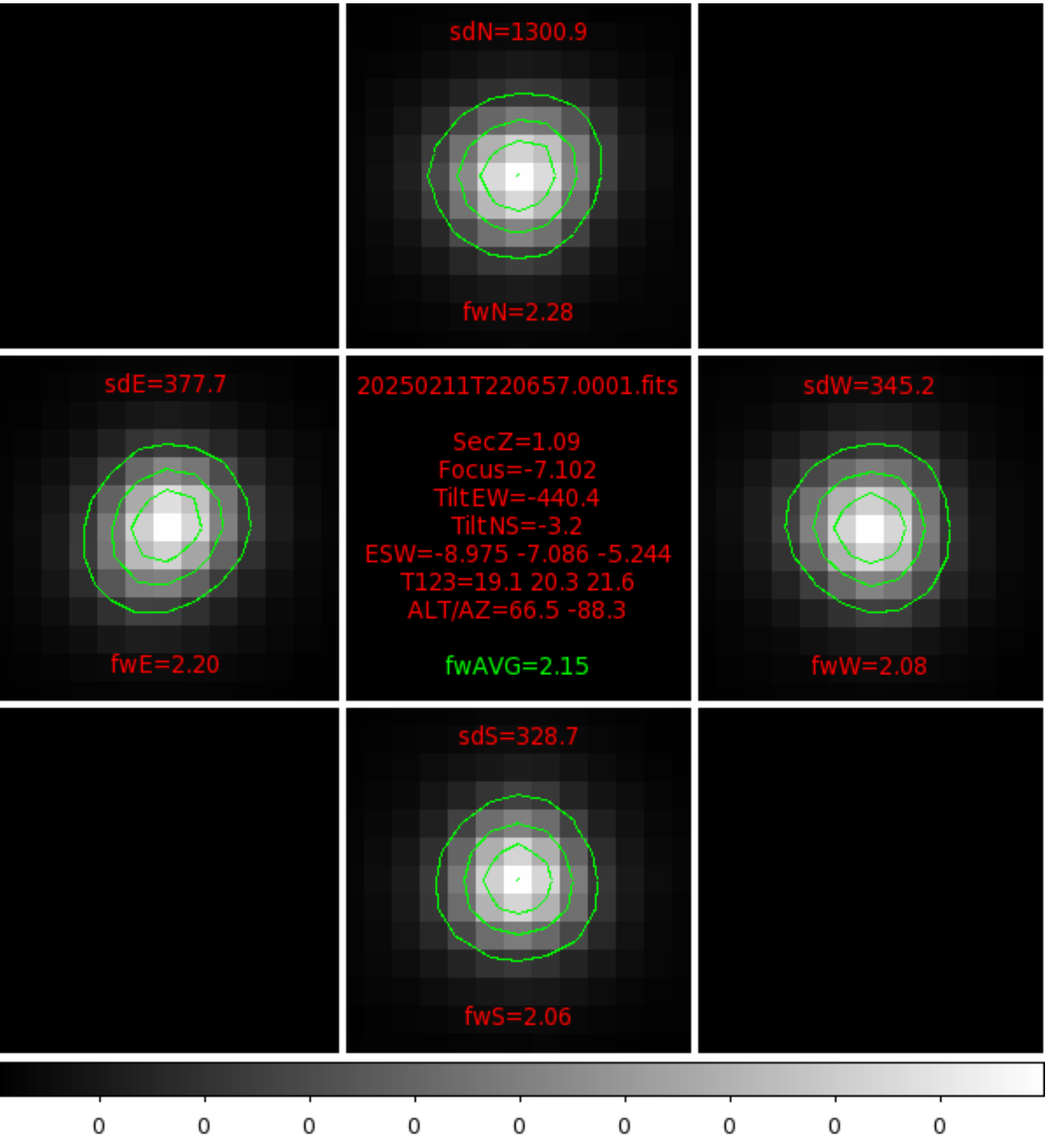
sdN=1300.9
fwN=2.28
sdE=377.7
fwE=2.20
20250211T220657.0001.fits
SecZ=1.09
Focus=-7.102
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.975 -7.086 -5.244
T123=19.1 20.3 21.6
ALT/AZ=66.5 -88.3
fwAVG=2.15
sdW=345.2
fwW=2.08
sdS=328.7
fwS=2.06
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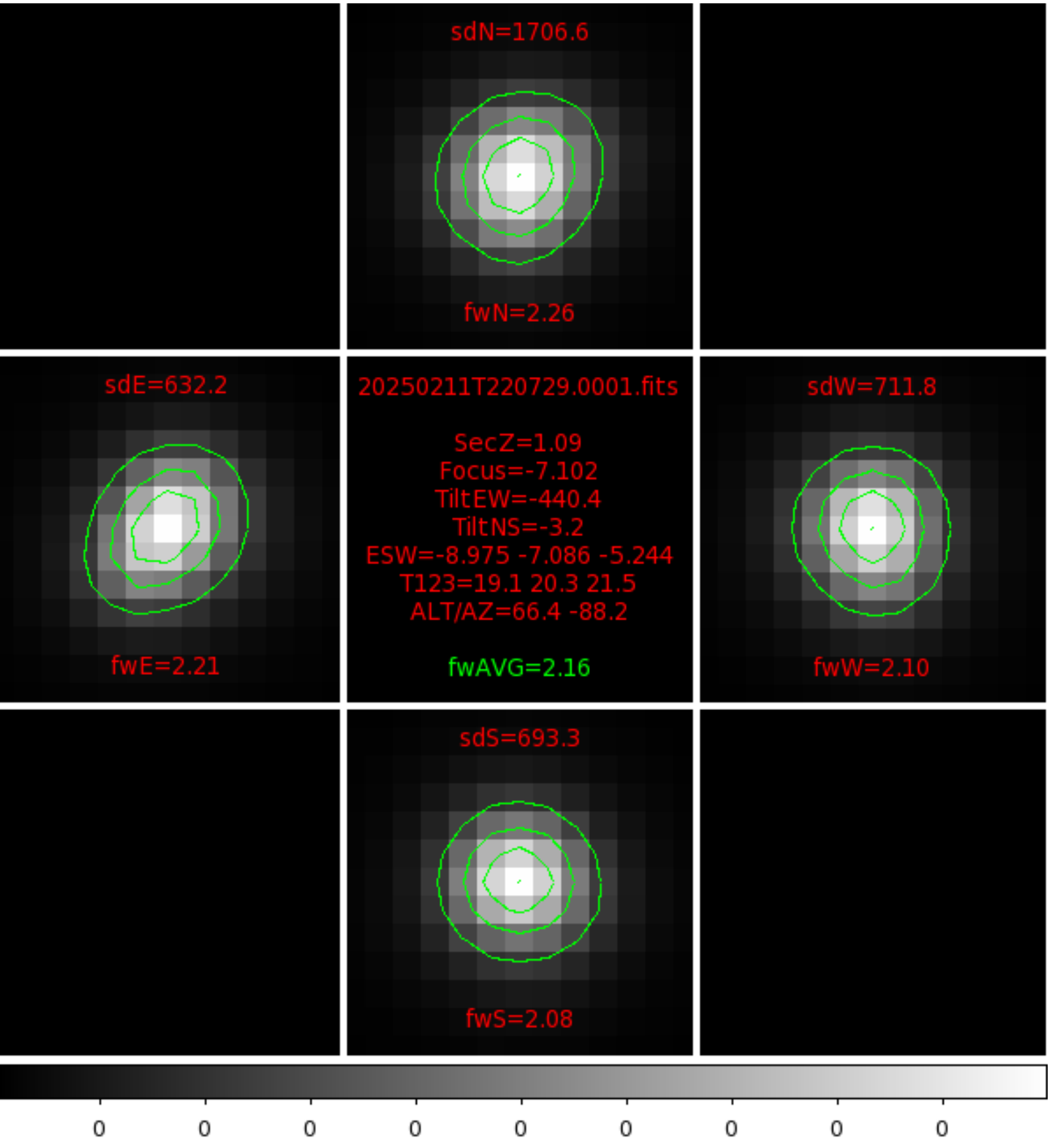
sdN=1706.6
fwN=2.26
sdE=632.2
fwE=2.21
20250211T220729.0001.fits
SecZ=1.09
Focus=-7.102
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.975 -7.086 -5.244
T123=19.1 20.3 21.5
ALT/AZ=66.4 -88.2
fwAVG=2.16
sdW=711.8
fwW=2.10
sdS=693.3
fwS=2.08
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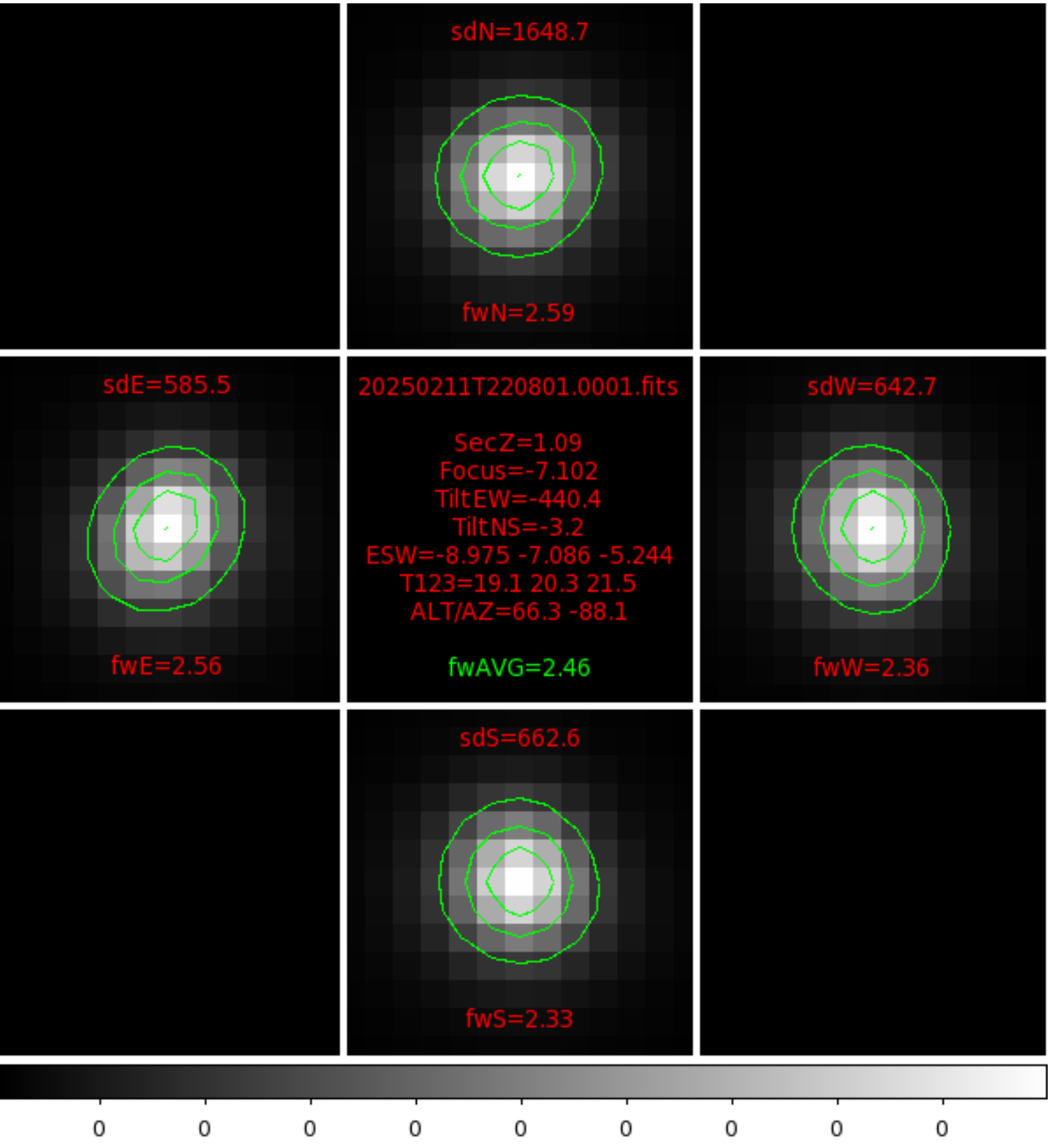
sdN=1648.7
fwN=2.59
sdE=585.5
fwE=2.56
20250211T220801.0001.fits
SecZ=1.09
Focus=-7.102
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.975 -7.086 -5.244
T123=19.1 20.3 21.5
ALT/AZ=66.3 -88.1
fwAVG=2.46
sdW=642.7
fwW=2.36
sdS=662.6
fwS=2.33
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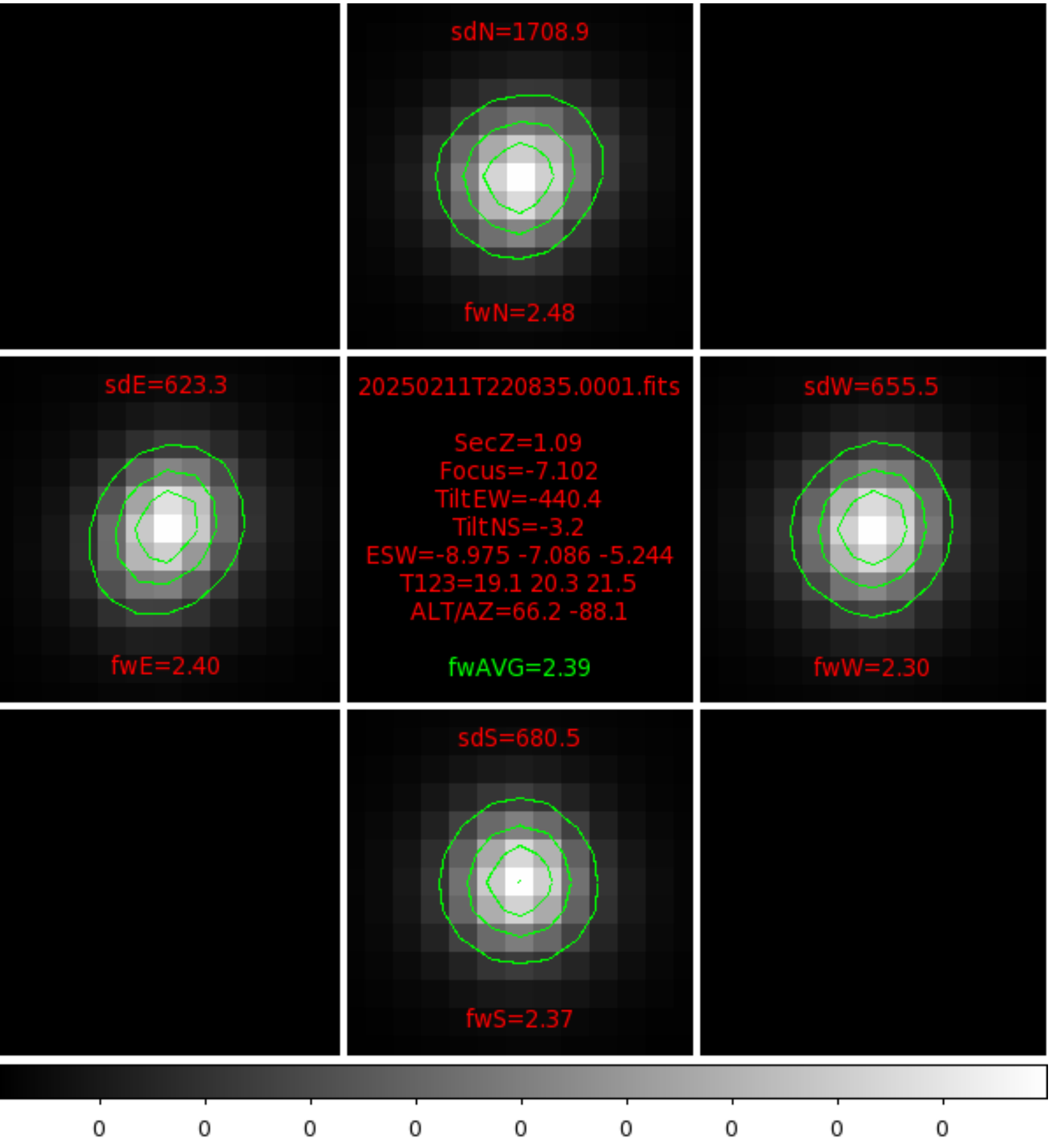
sdN=1708.9
fwN=2.48
sdE=623.3
fwE=2.40
20250211T220835.0001.fits
SecZ=1.09
Focus=-7.102
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.975 -7.086 -5.244
T123=19.1 20.3 21.5
ALT/AZ=66.2 -88.1
fwAVG=2.39
sdW=655.5
fwW=2.30
sdS=680.5
fwS=2.37
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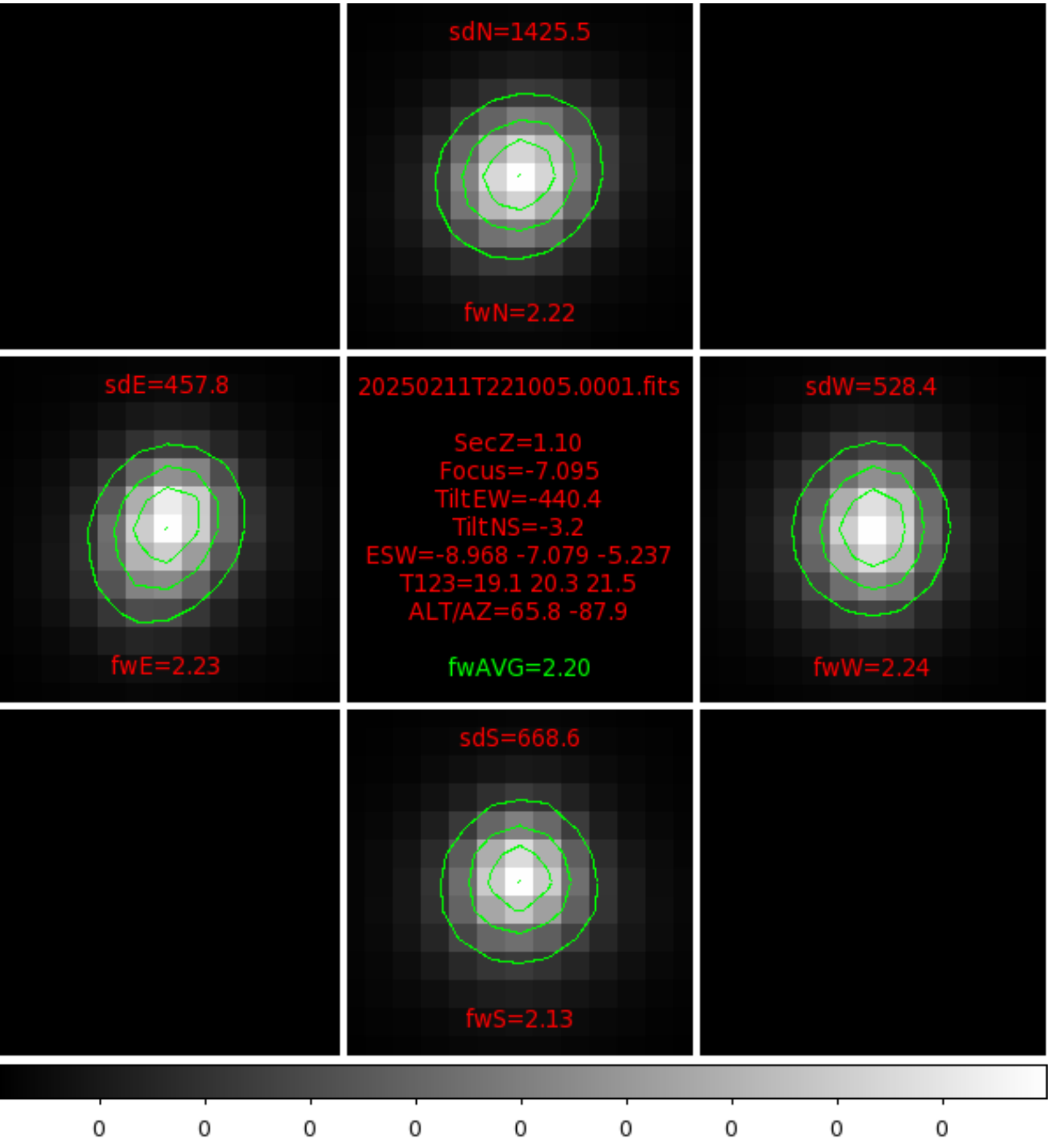
sdN=1425.5
fwN=2.22
sdE=457.8
fwE=2.23
20250211T221005.0001.fits
SecZ=1.10
Focus=-7.095
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.968 -7.079 -5.237
T123=19.1 20.3 21.5
ALT/AZ=65.8 -87.9
fwAVG=2.20
sdW=528.4
fwW=2.24
sdS=668.6
fwS=2.13
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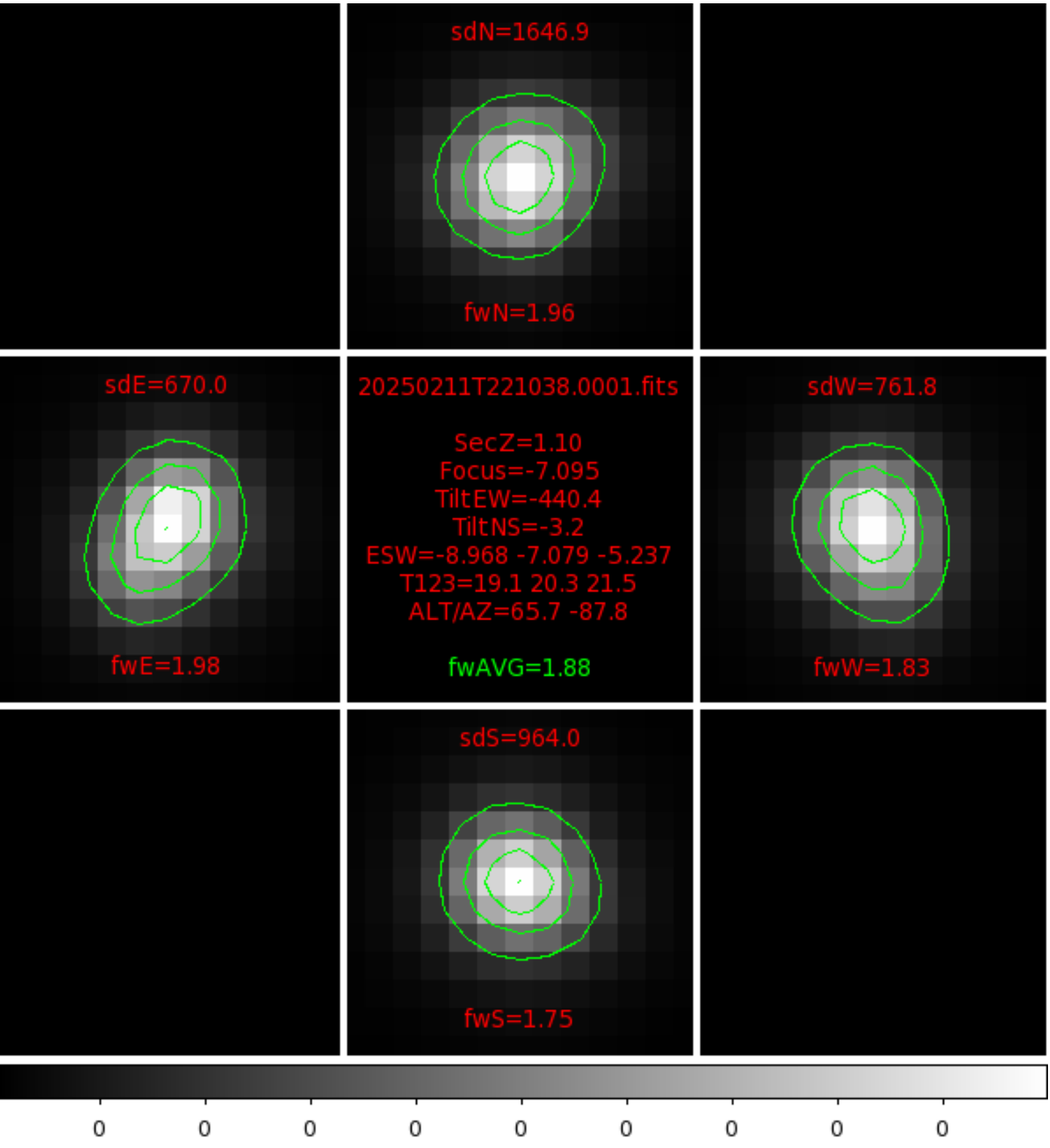
sdN=1646.9
fwN=1.96
sdE=670.0
fwE=1.98
20250211T221038.0001.fits
SecZ=1.10
Focus=-7.095
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.968 -7.079 -5.237
T123=19.1 20.3 21.5
ALT/AZ=65.7 -87.8
fwAVG=1.88
sdW=761.8
fwW=1.83
sdS=964.0
fwS=1.75
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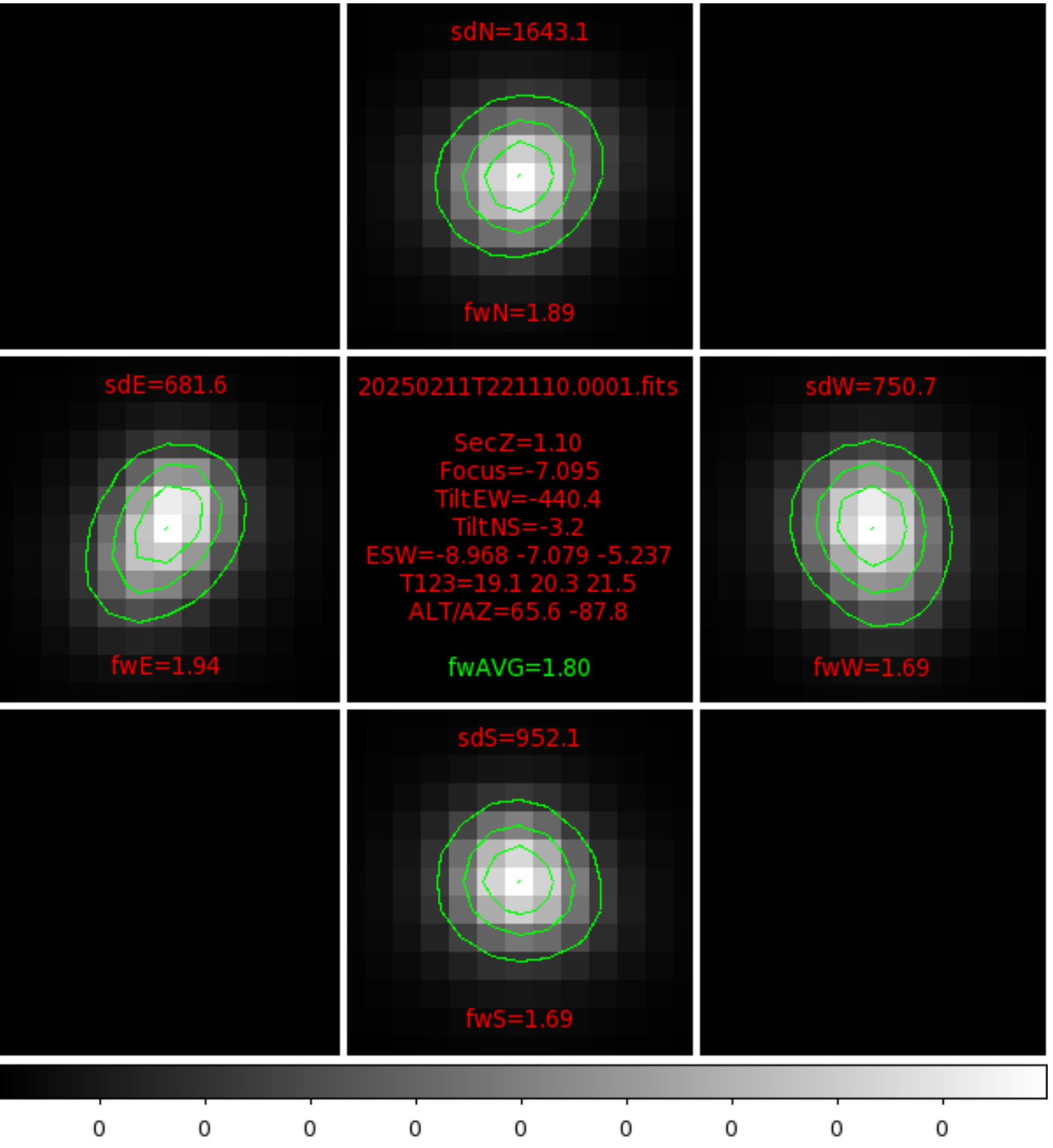
sdN=1643.1
fwN=1.89
sdE=681.6
fwE=1.94
20250211T221110.0001.fits
SecZ=1.10
Focus=-7.095
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.968 -7.079 -5.237
T123=19.1 20.3 21.5
ALT/AZ=65.6 -87.8
fwAVG=1.80
sdW=750.7
fwW=1.69
sdS=952.1
fwS=1.69
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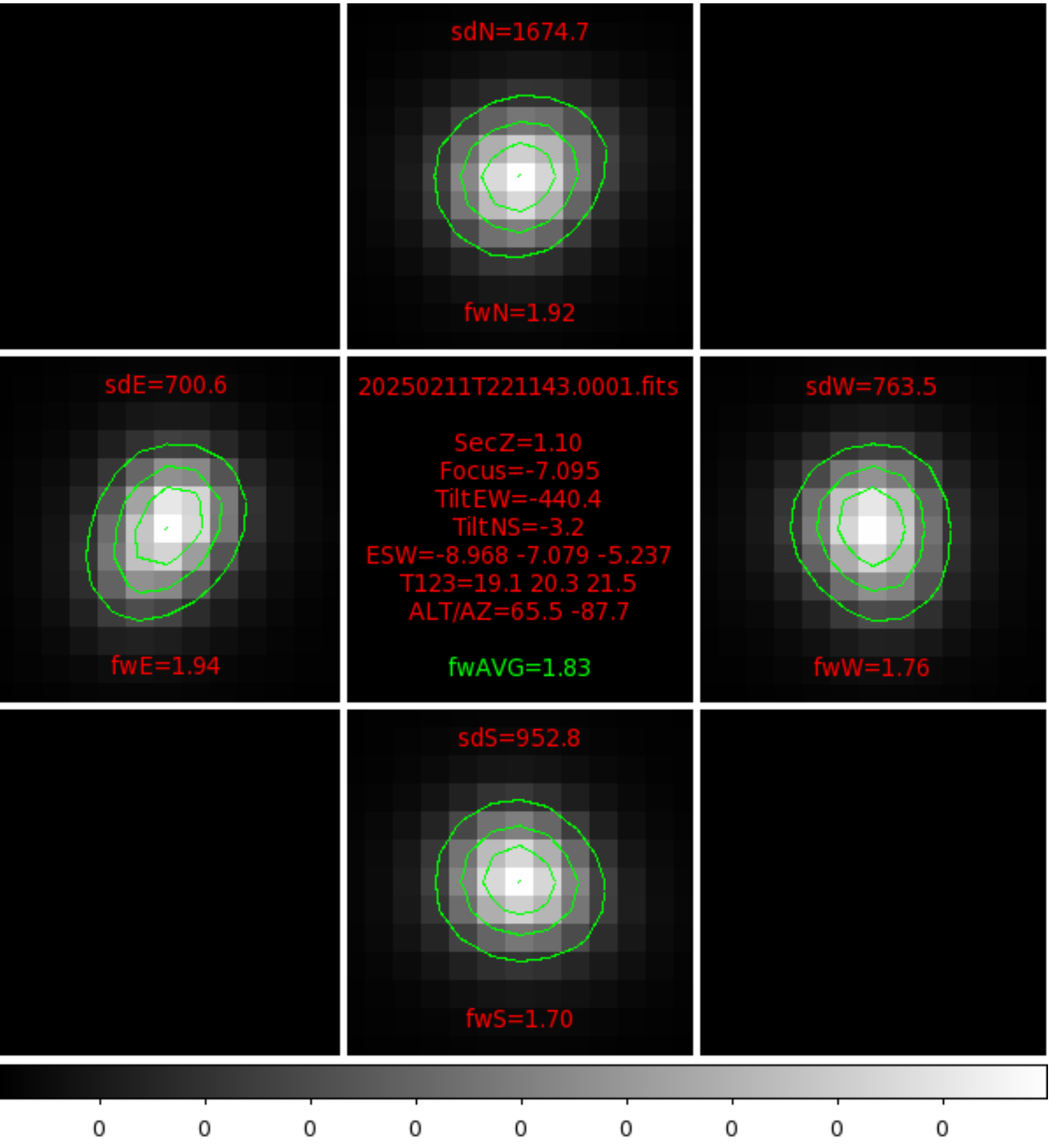
sdN=1674.7
fwN=1.92
sdE=700.6
fwE=1.94
20250211T221143.0001.fits
SecZ=1.10
Focus=-7.095
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.968 -7.079 -5.237
T123=19.1 20.3 21.5
ALT/AZ=65.5 -87.7
fwAVG=1.83
sdW=763.5
fwW=1.76
sdS=952.8
fwS=1.70
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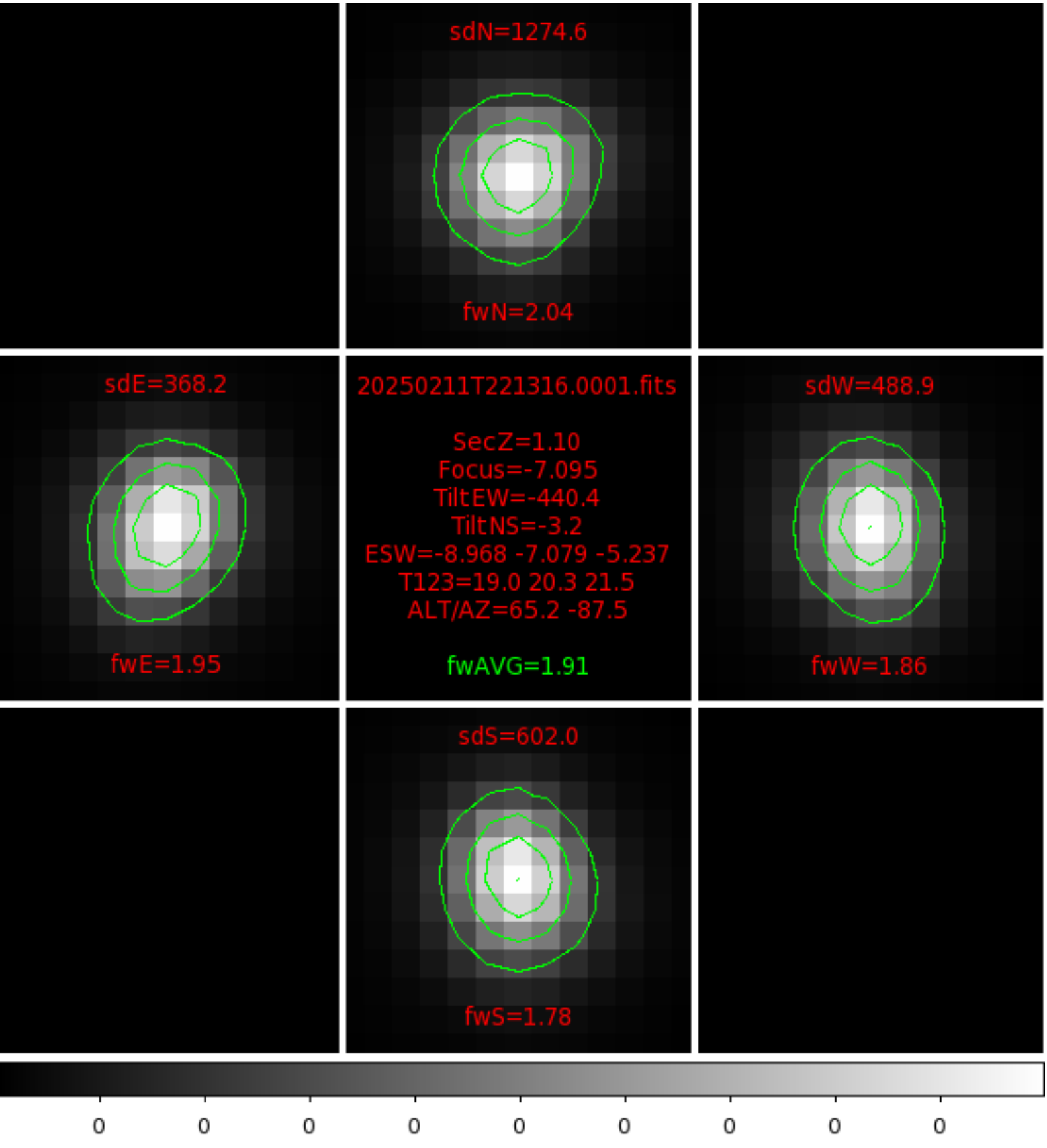
sdN=1274.6
fwN=2.04
sdE=368.2
fwE=1.95
20250211T221316.0001.fits
SecZ=1.10
Focus=-7.095
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.968 -7.079 -5.237
T123=19.0 20.3 21.5
ALT/AZ=65.2 -87.5
fwAVG=1.91
sdW=488.9
fwW=1.86
sdS=602.0
fwS=1.78
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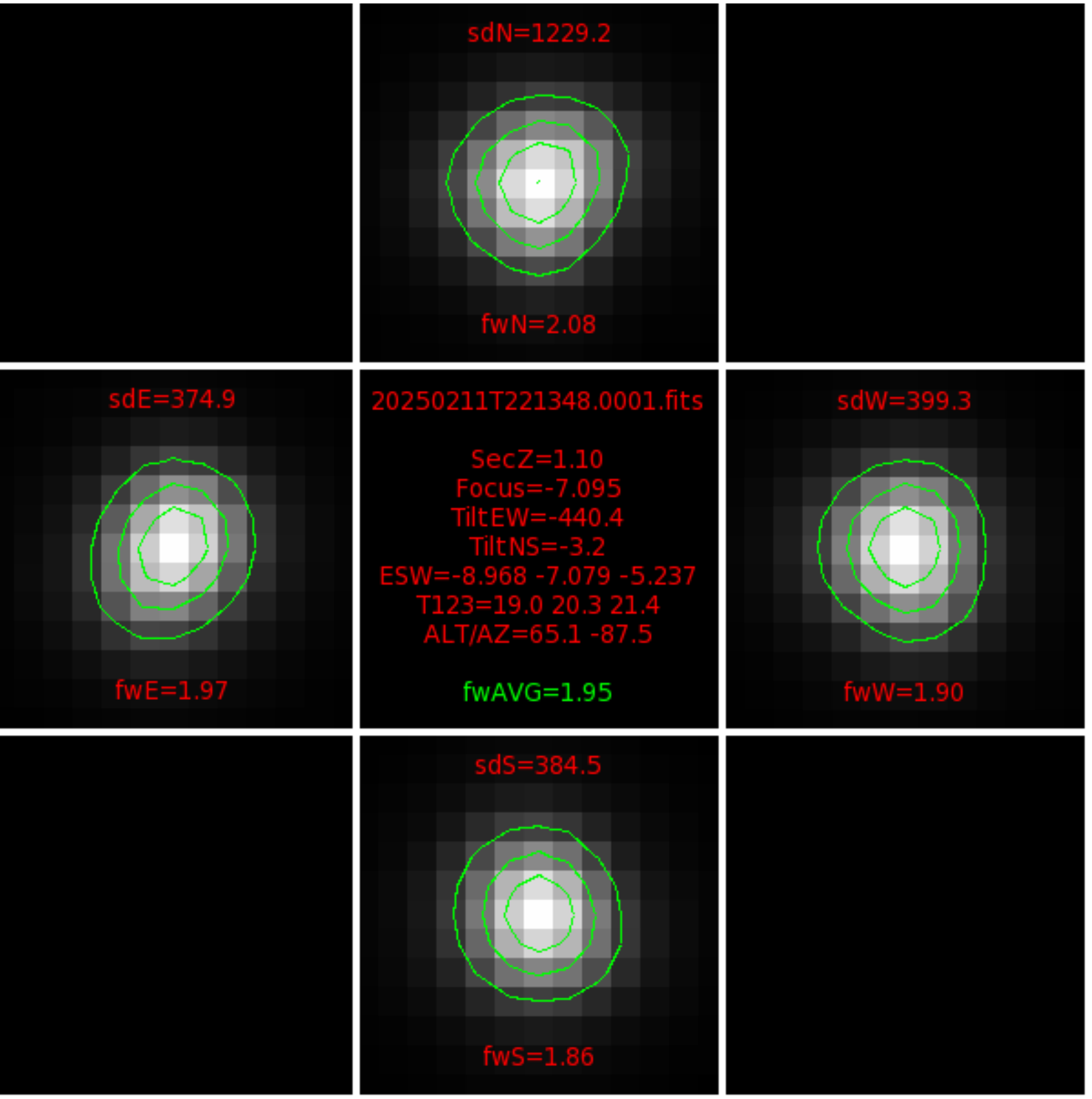
sdN=1229.2
fwN=2.08
sdE=374.9
fwE=1.97
20250211T221348.0001.fits
SecZ=1.10
Focus=-7.095
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.968 -7.079 -5.237
T123=19.0 20.3 21.4
ALT/AZ=65.1 -87.5
fwAVG=1.95
sdW=399.3
fwW=1.90
sdS=384.5
fwS=1.86
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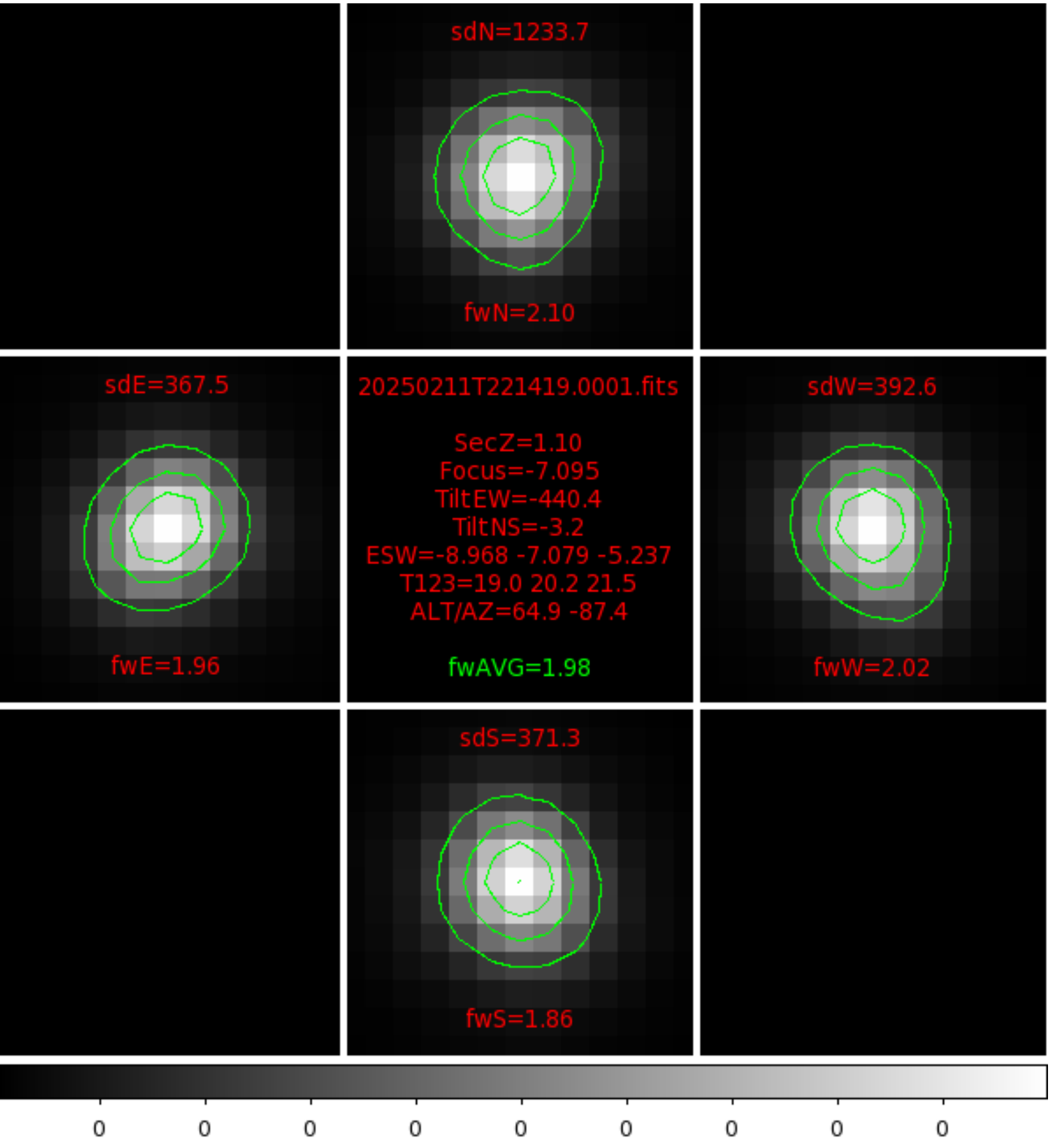
sdN=1233.7
fwN=2.10
sdE=367.5
fwE=1.96
20250211T221419.0001.fits
SecZ=1.10
Focus=-7.095
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.968 -7.079 -5.237
T123=19.0 20.2 21.5
ALT/AZ=64.9 -87.4
fwAVG=1.98
sdW=392.6
fwW=2.02
sdS=371.3
fwS=1.86
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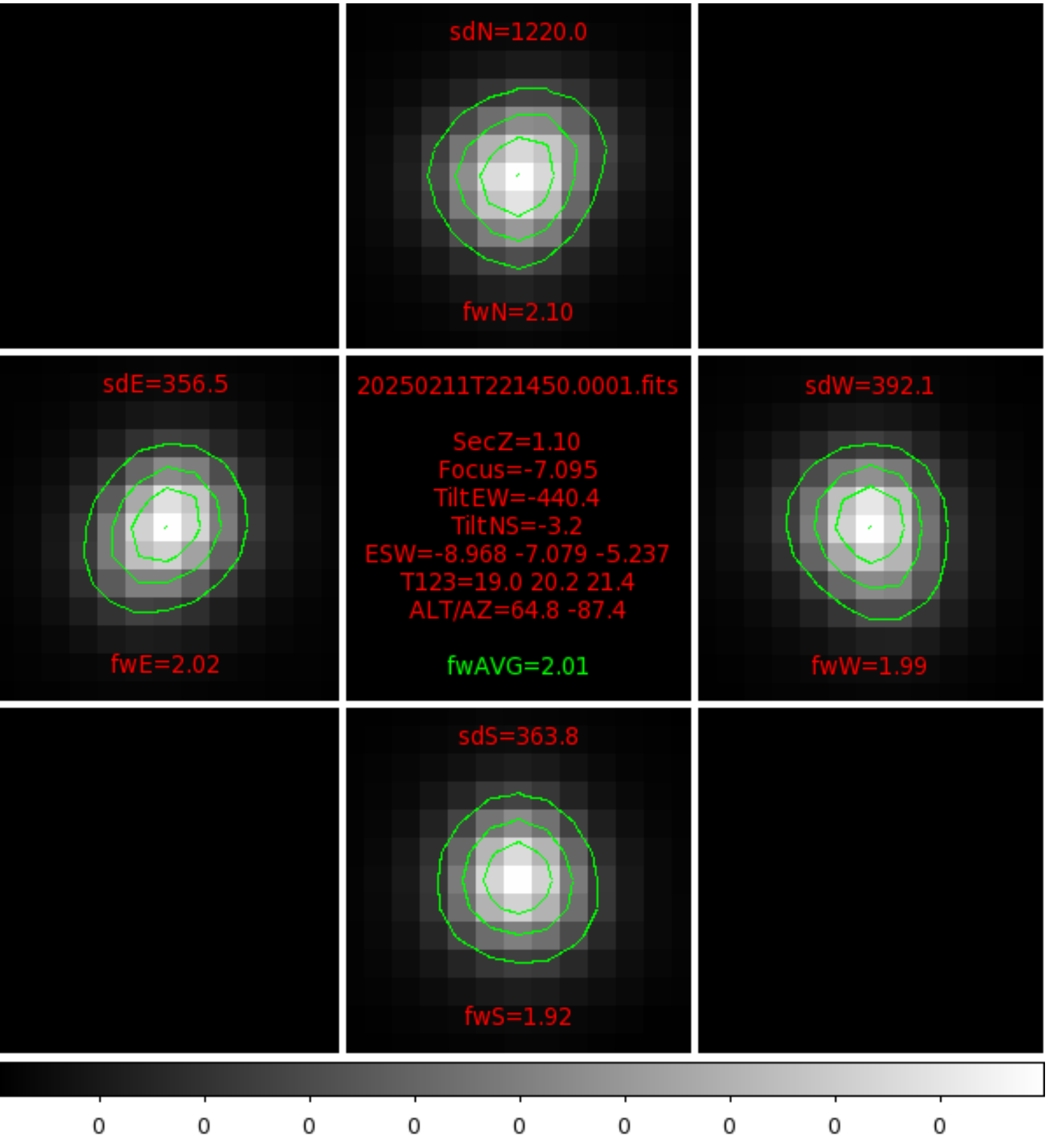
sdN=1220.0
fwN=2.10
sdE=356.5
fwE=2.02
20250211T221450.0001.fits
SecZ=1.10
Focus=-7.095
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.968 -7.079 -5.237
T123=19.0 20.2 21.4
ALT/AZ=64.8 -87.4
fwAVG=2.01
sdW=392.1
fwW=1.99
sdS=363.8
fwS=1.92
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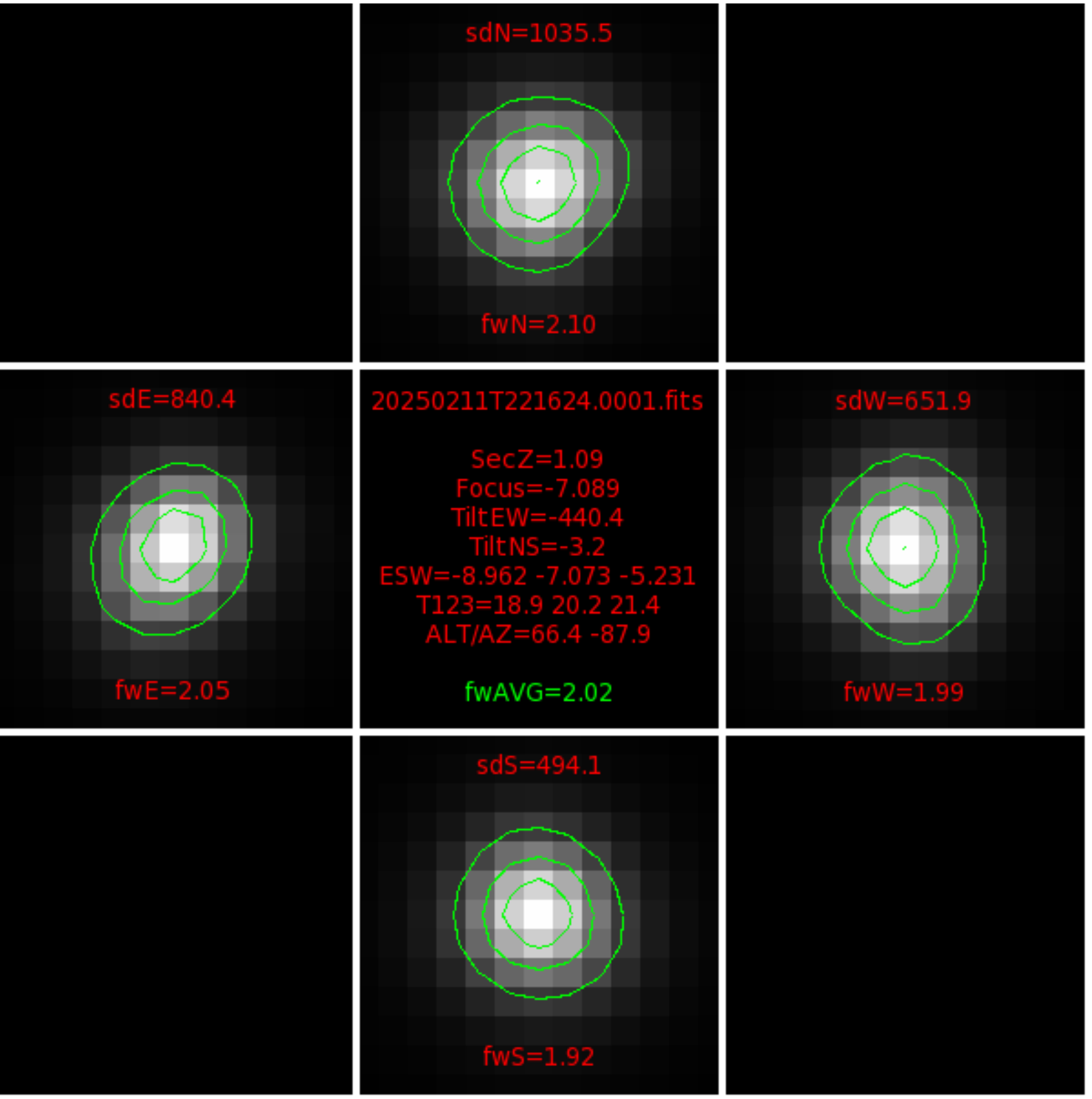
sdN=1035.5
fwN=2.10
sdE=840.4
fwE=2.05
20250211T221624.0001.fits
SecZ=1.09
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=18.9 20.2 21.4
ALT/AZ=66.4 -87.9
fwAVG=2.02
sdW=651.9
fwW=1.99
sdS=494.1
fwS=1.92
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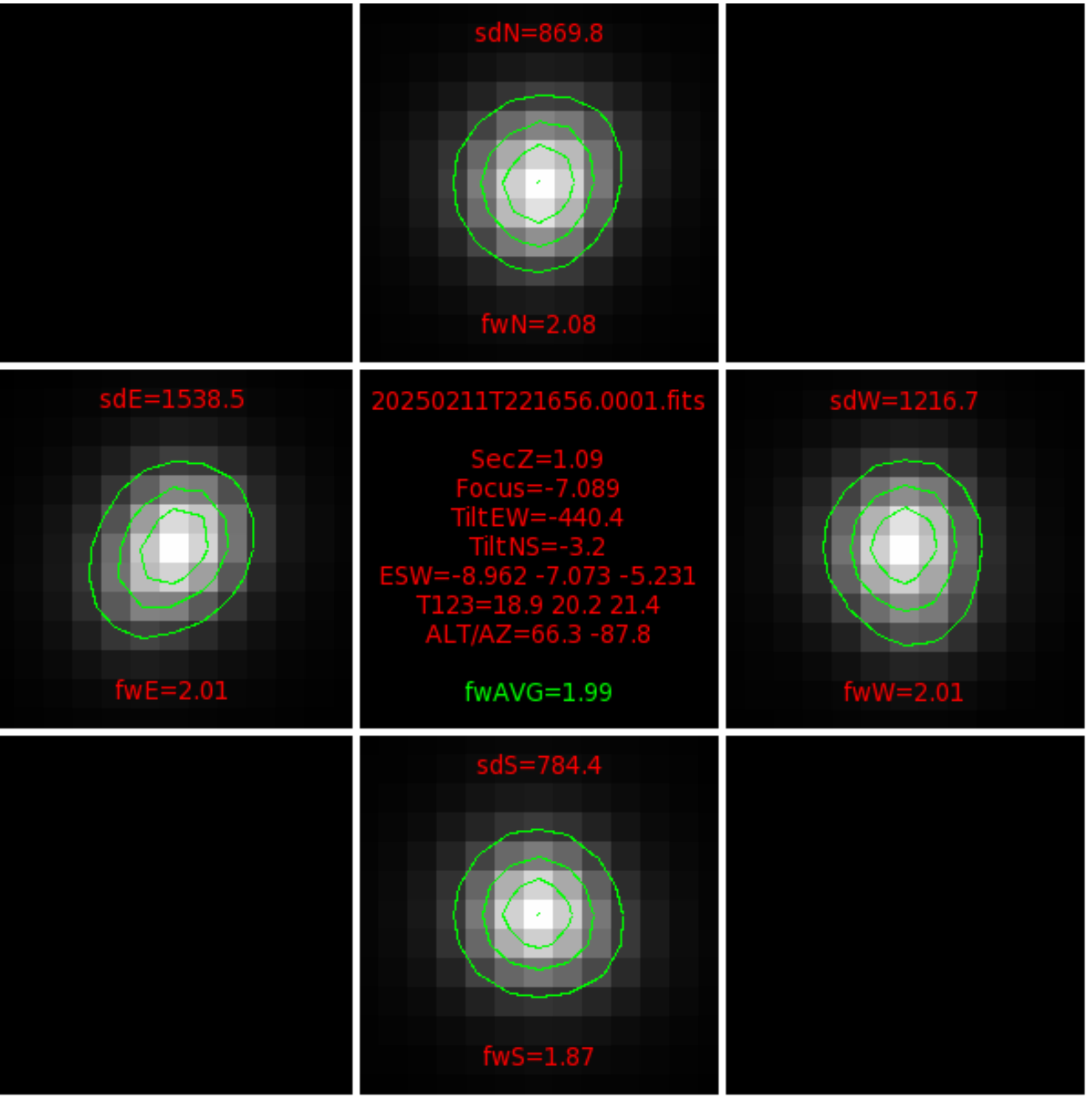
sdN=869.8
fwN=2.08
sdE=1538.5
fwE=2.01
20250211T221656.0001.fits
SecZ=1.09
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=18.9 20.2 21.4
ALT/AZ=66.3 -87.8
fwAVG=1.99
sdW=1216.7
fwW=2.01
sdS=784.4
fwS=1.87
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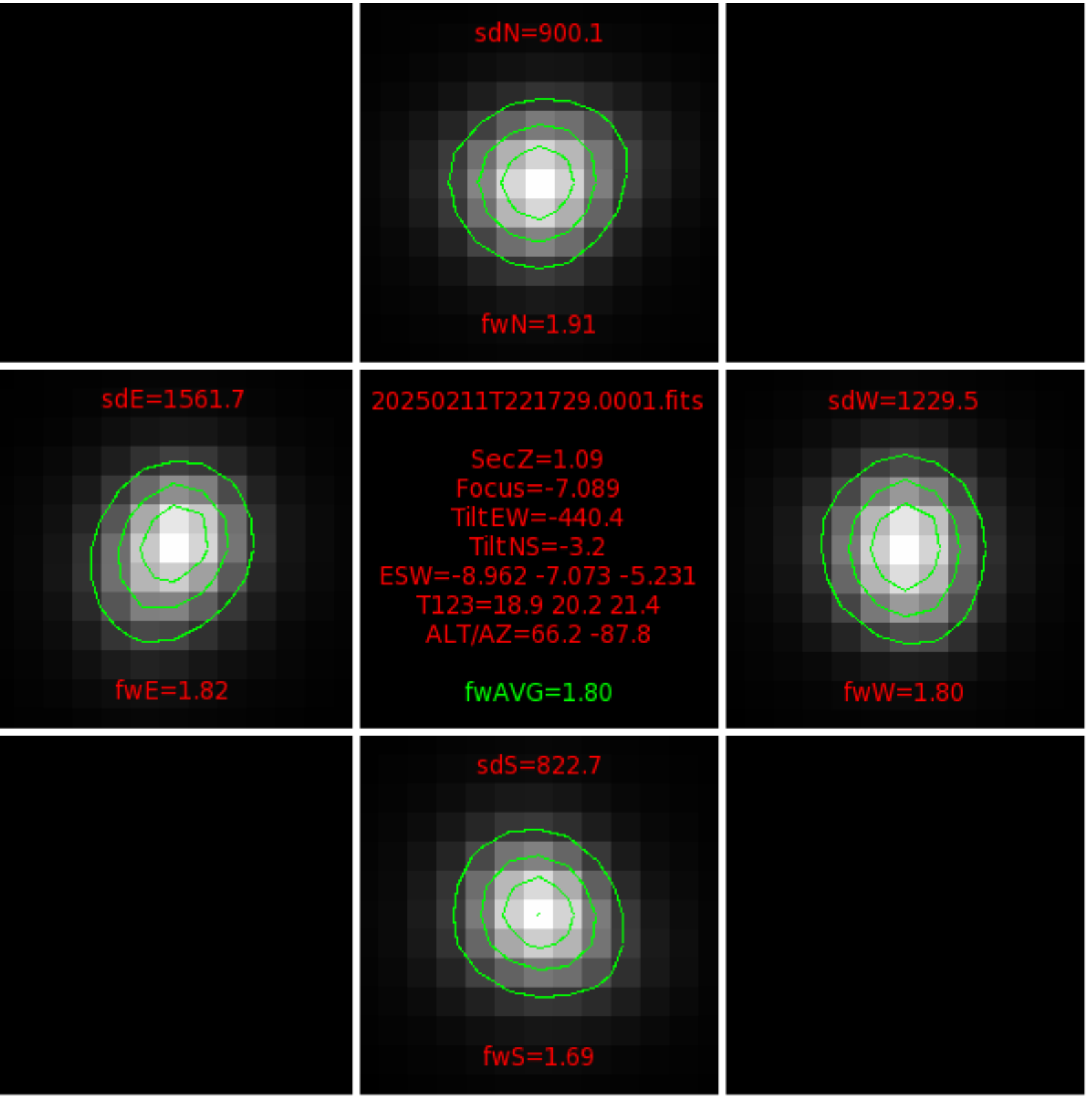
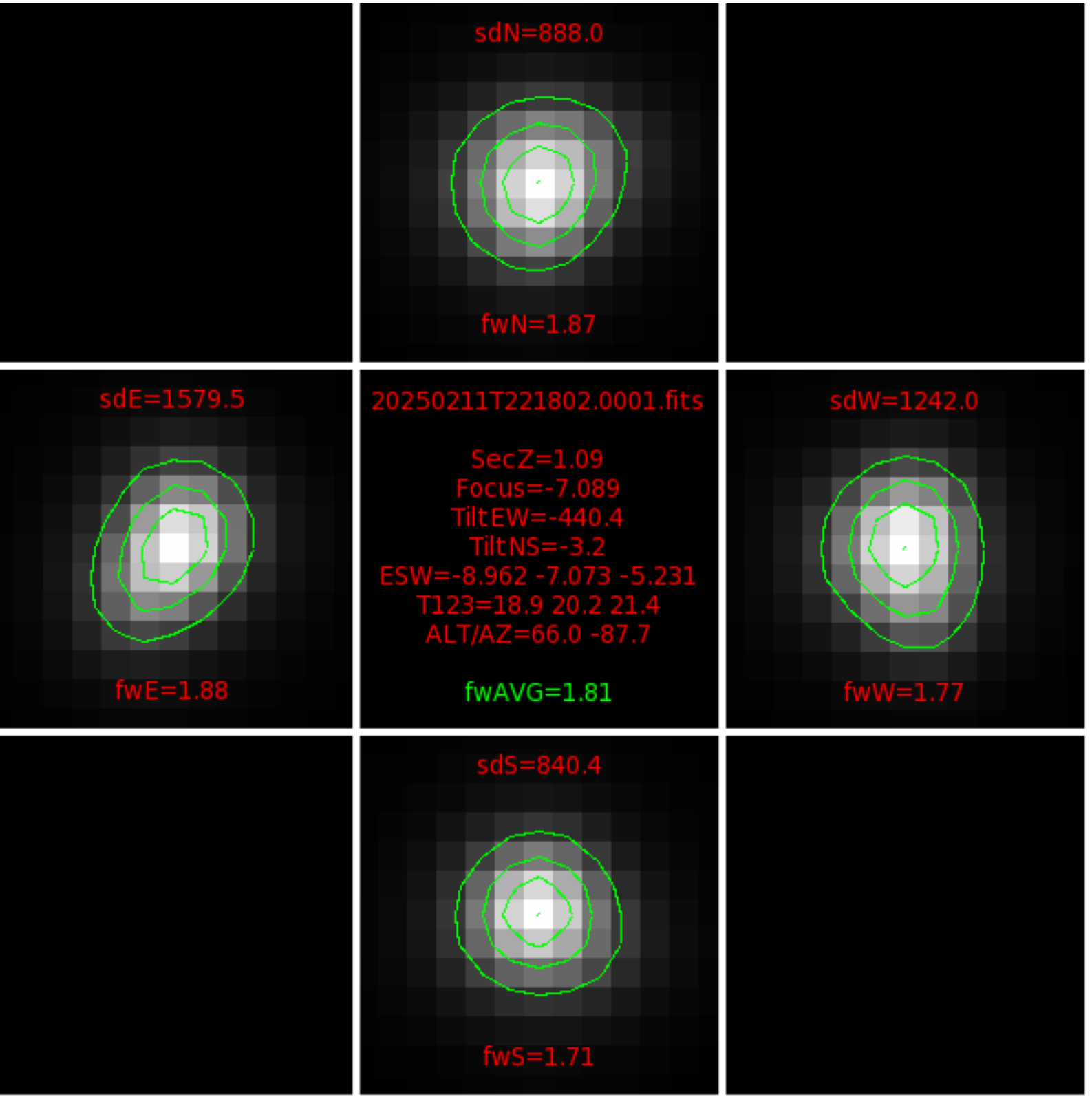

sdN=900.1
fwN=1.91
sdE=1561.7
fwE=1.82
20250211T221729.0001.fits
SecZ=1.09
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=18.9 20.2 21.4
ALT/AZ=66.2 -87.8
fwAVG=1.80
sdW=1229.5
fwW=1.80
sdS=822.7
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=888.0
fwN=1.87
sdE=1579.5
fwE=1.88
20250211T221802.0001.fits
SecZ=1.09
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=18.9 20.2 21.4
ALT/AZ=66.0 -87.7
fwAVG=1.81
sdW=1242.0
fwW=1.77
sdS=840.4
fwS=1.71
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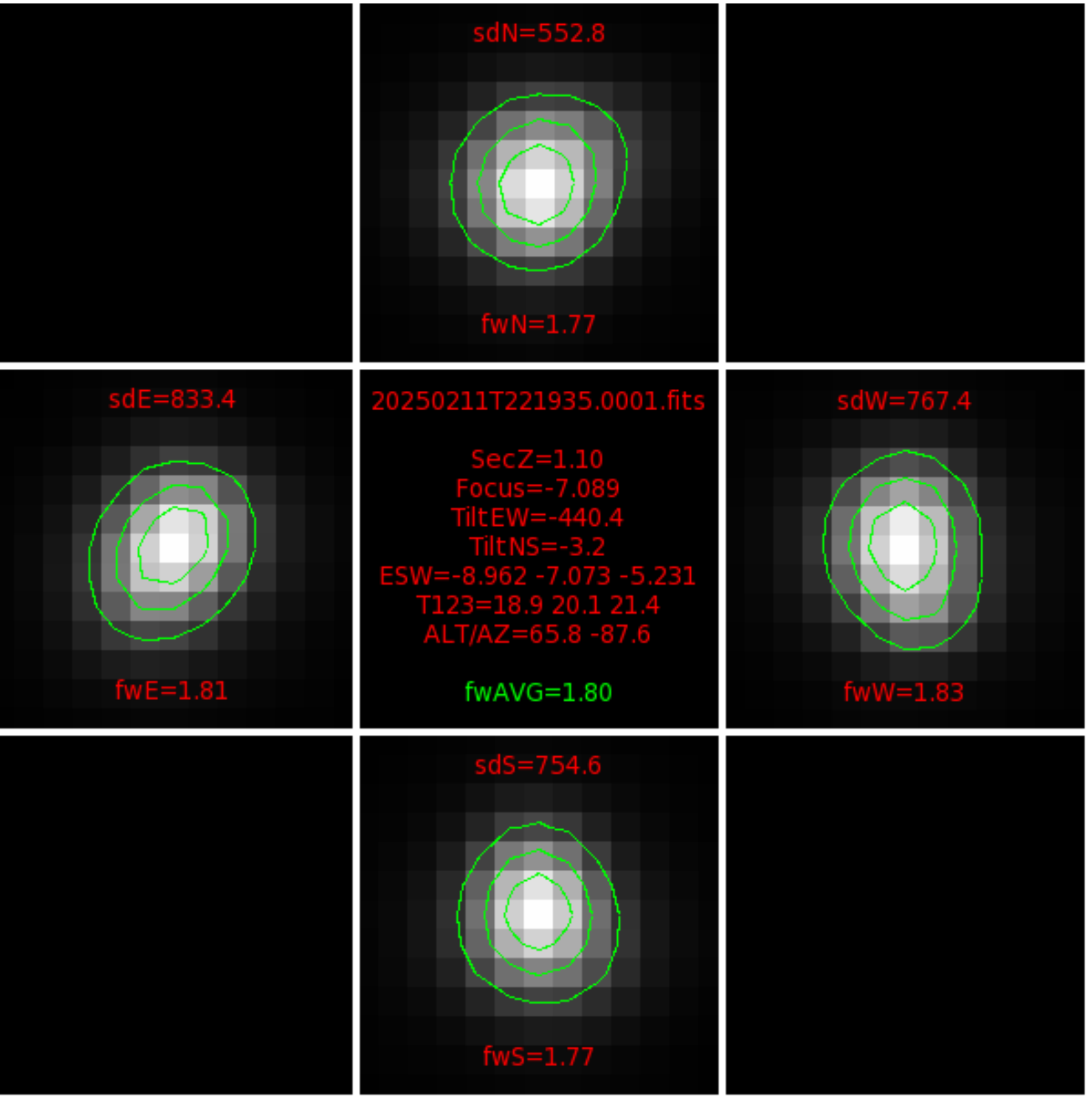
sdN=552.8
fwN=1.77
sdE=833.4
fwE=1.81
20250211T221935.0001.fits
SecZ=1.10
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=18.9 20.1 21.4
ALT/AZ=65.8 -87.6
fwAVG=1.80
sdW=767.4
fwW=1.83
sdS=754.6
fwS=1.77
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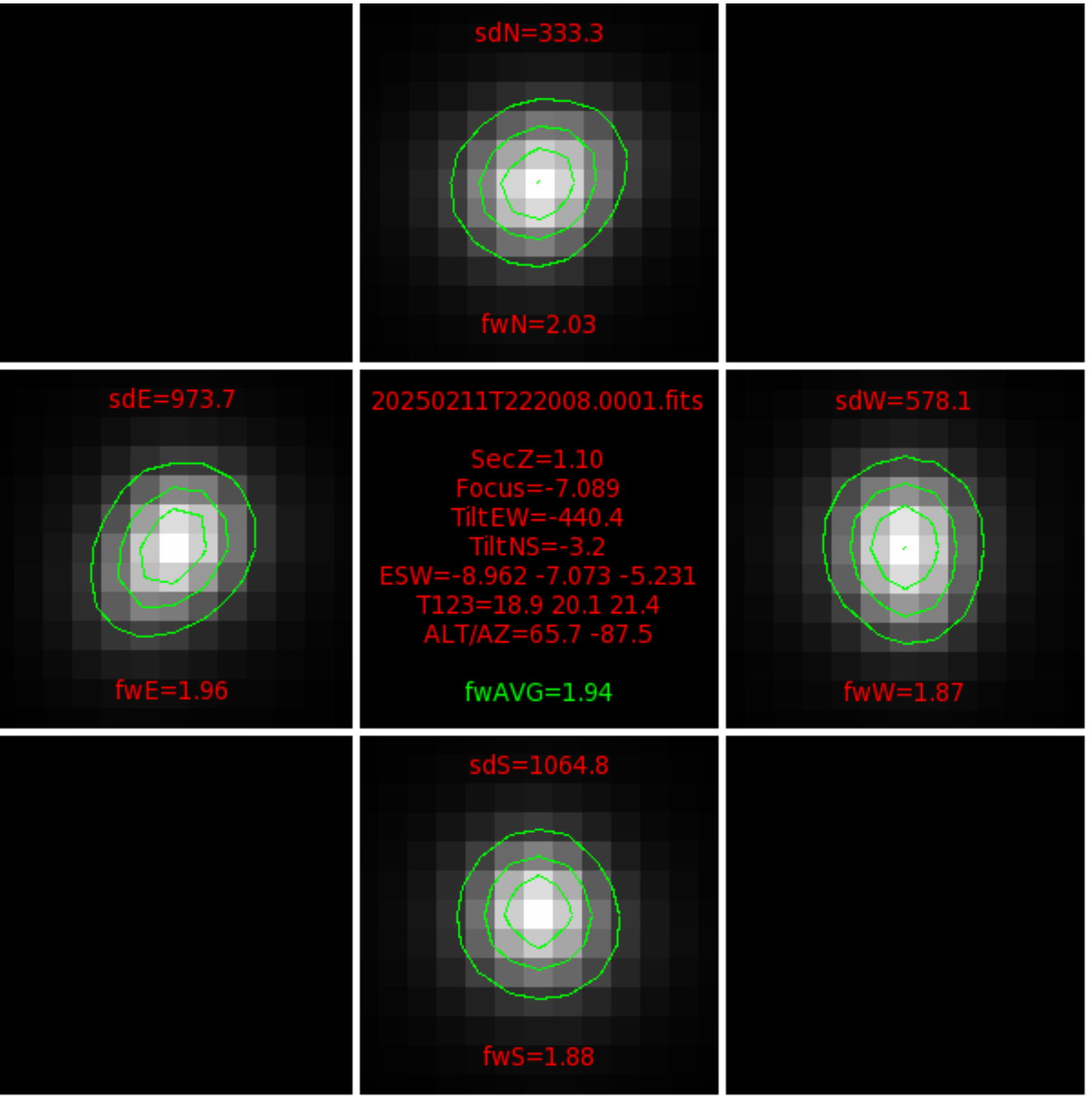
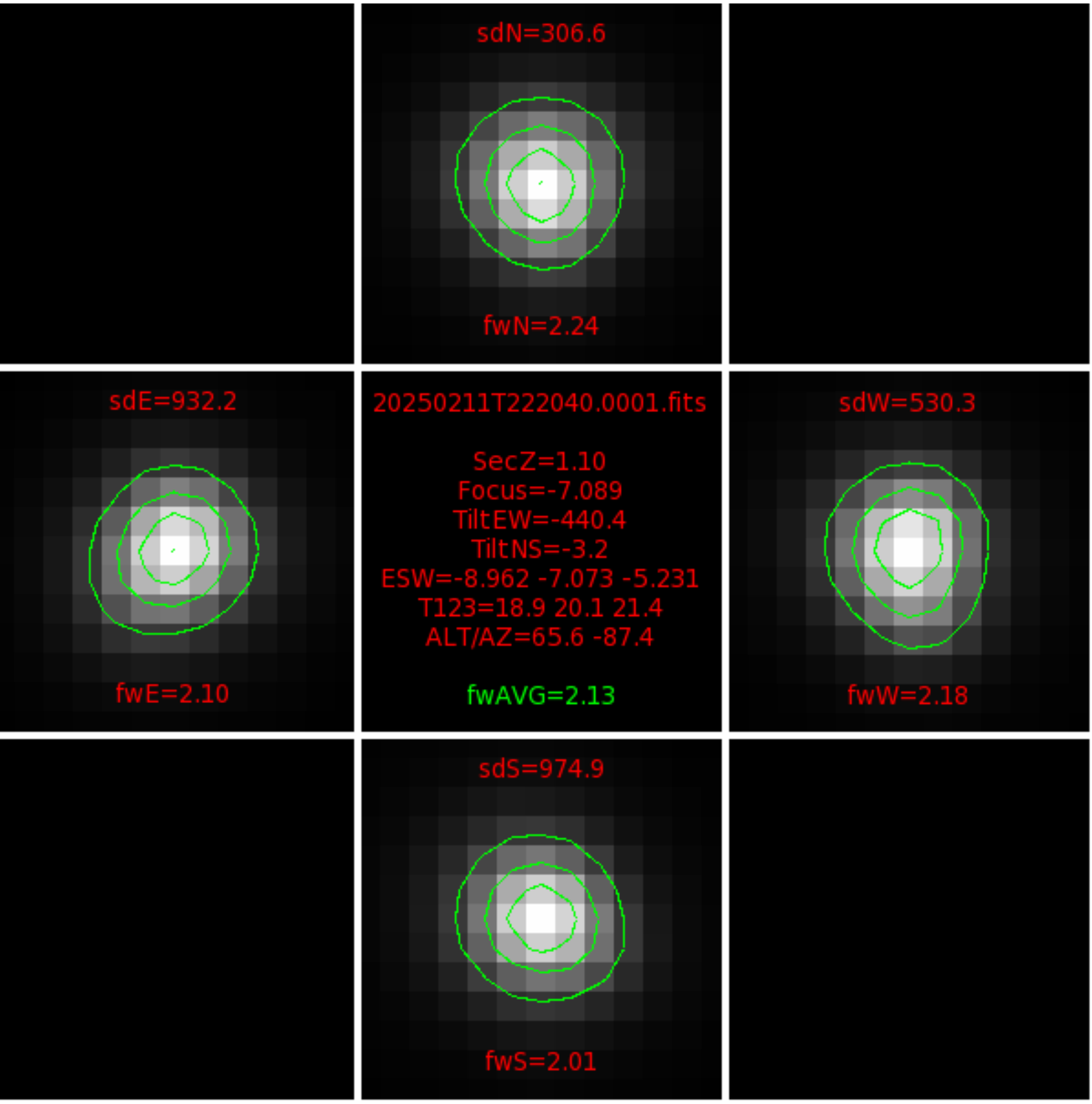
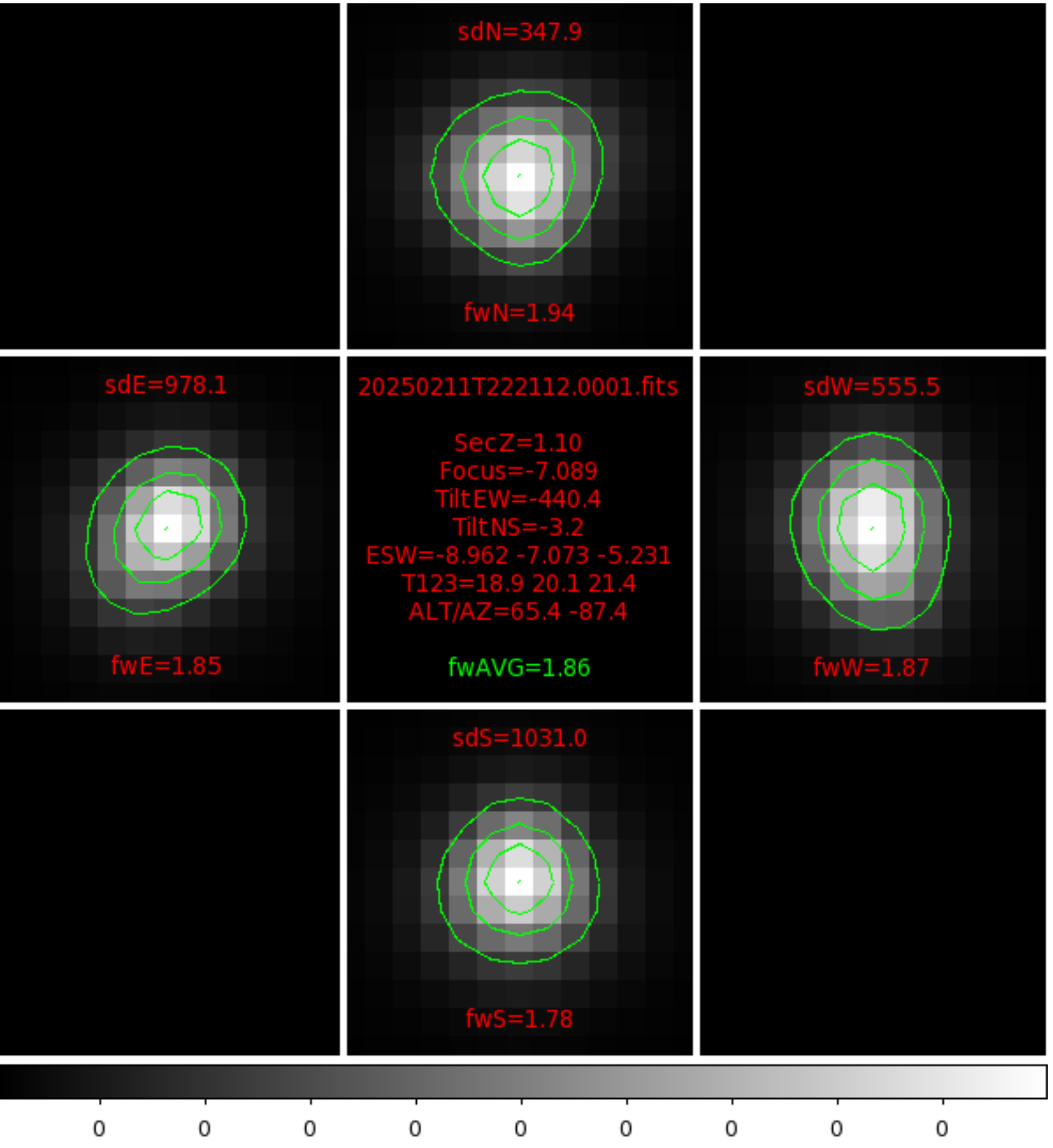

sdN=333.3
fwN=2.03
sdE=973.7
fwE=1.96
20250211T222008.0001.fits
SecZ=1.10
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=18.9 20.1 21.4
ALT/AZ=65.7 -87.5
fwAVG=1.94
sdW=578.1
fwW=1.87
sdS=1064.8
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=306.6
fwN=2.24
sdE=932.2
fwE=2.10
20250211T222040.0001.fits
SecZ=1.10
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=18.9 20.1 21.4
ALT/AZ=65.6 -87.4
fwAVG=2.13
sdW=530.3
fwW=2.18
sdS=974.9
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=347.9
fwN=1.94
sdE=978.1
fwE=1.85
20250211T222112.0001.fits
SecZ=1.10
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=18.9 20.1 21.4
ALT/AZ=65.4 -87.4
fwAVG=1.86
sdW=555.5
fwW=1.87
sdS=1031.0
fwS=1.78
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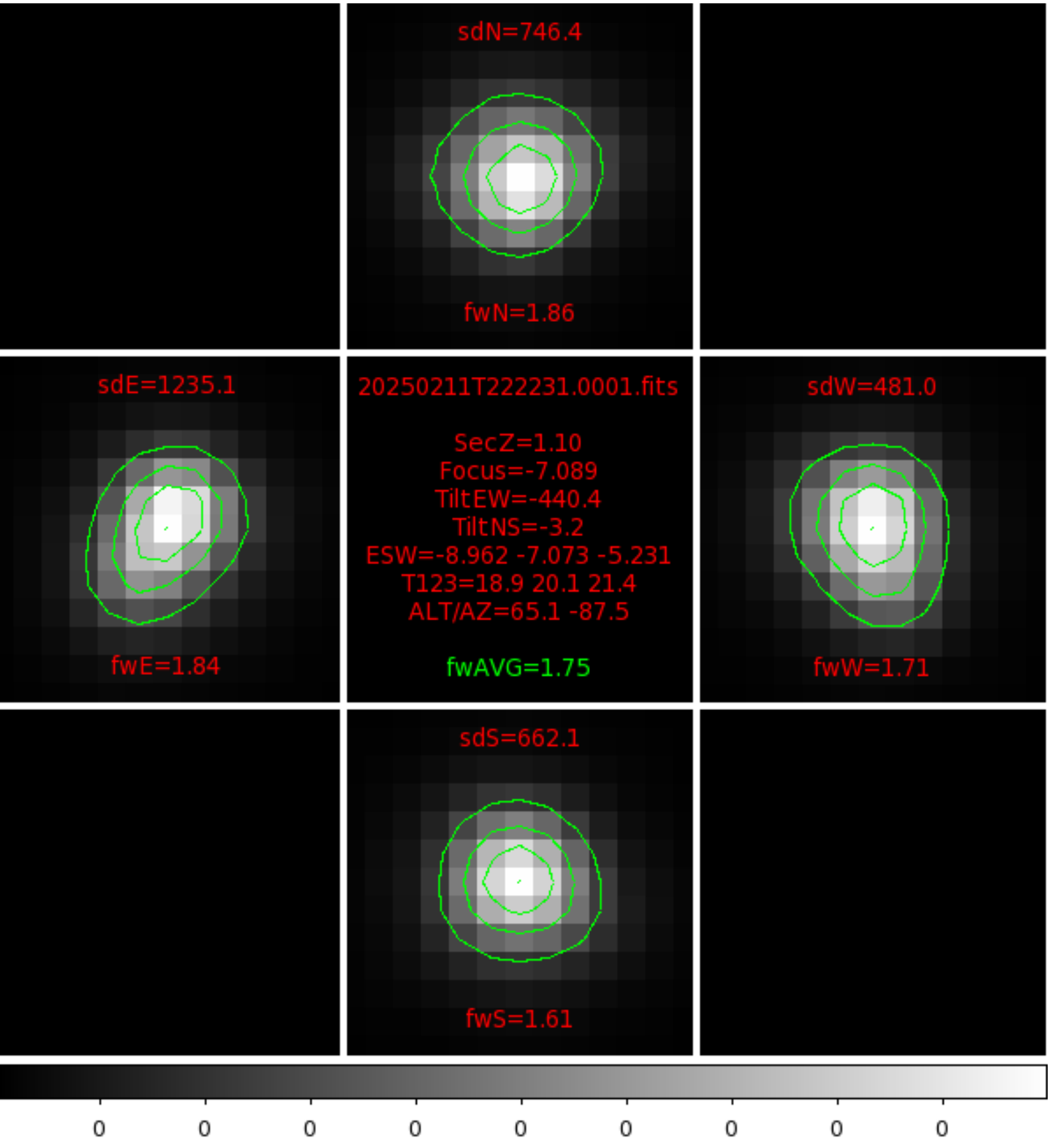
sdN=746.4
fwN=1.86
sdE=1235.1
fwE=1.84
20250211T222231.0001.fits
SecZ=1.10
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=18.9 20.1 21.4
ALT/AZ=65.1 -87.5
fwAVG=1.75
sdW=481.0
fwW=1.71
sdS=662.1
fwS=1.61
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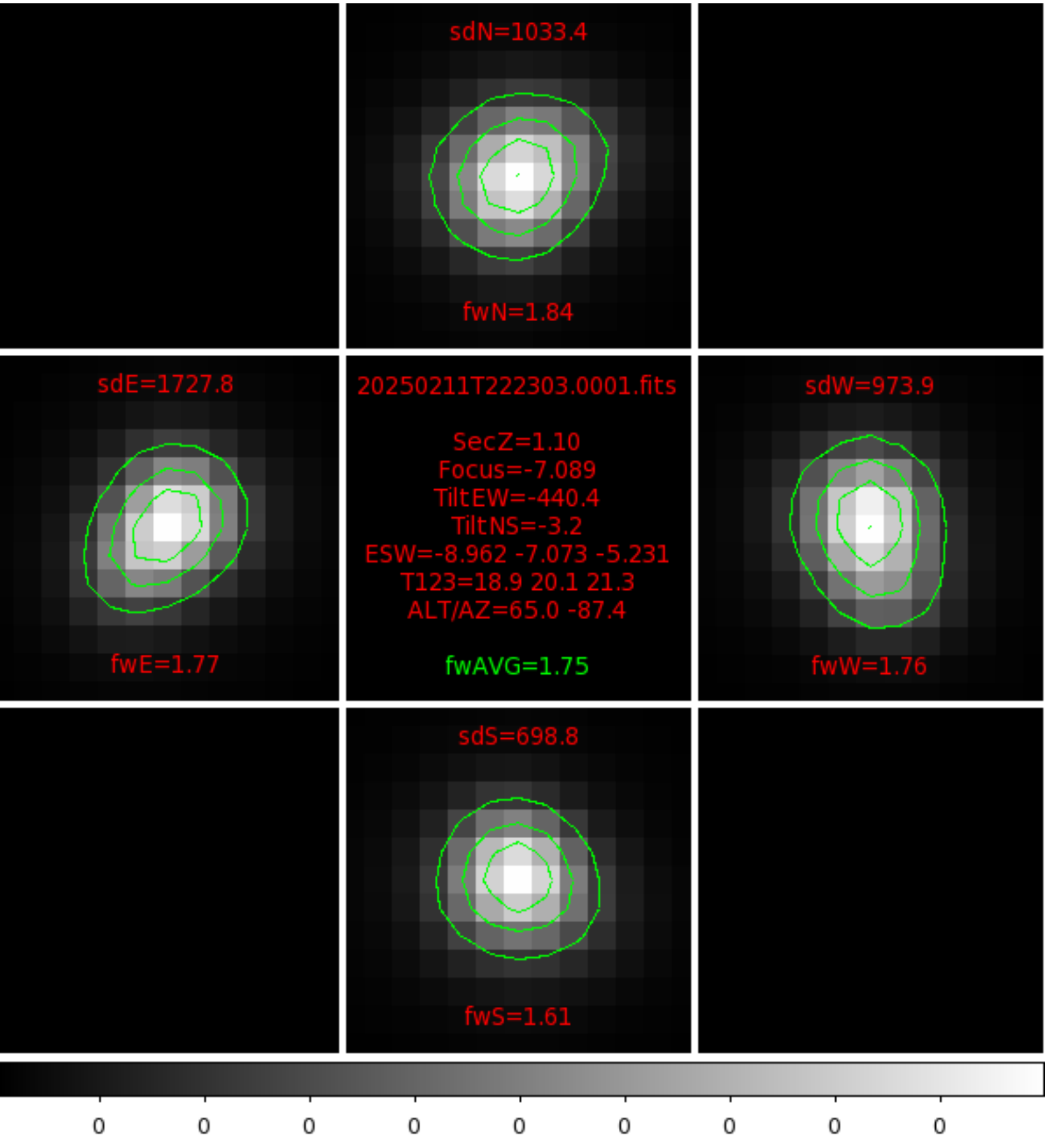
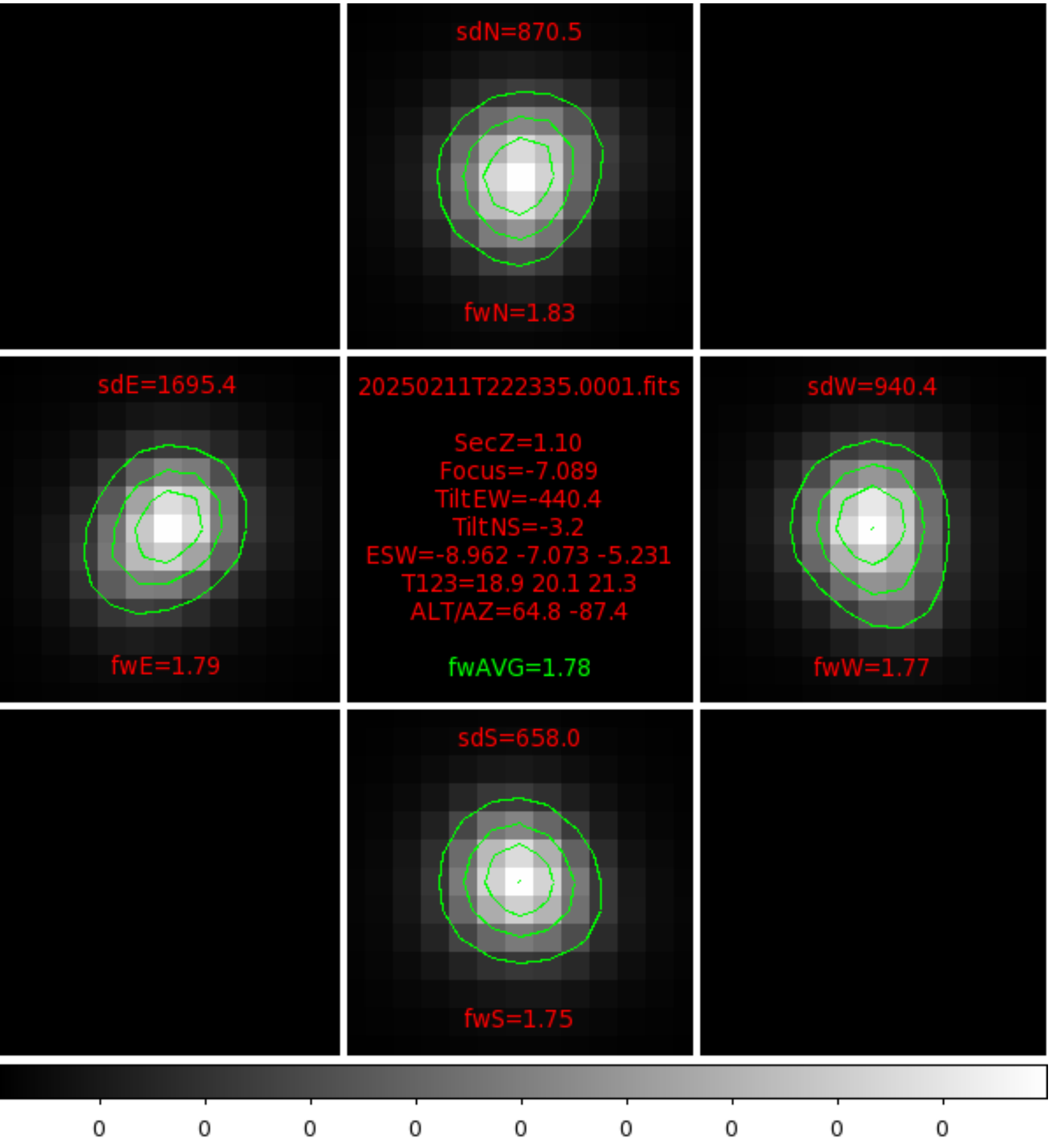

sdN=1033.4
fwN=1.84
sdE=1727.8
fwE=1.77
20250211T222303.0001.fits
SecZ=1.10
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=18.9 20.1 21.3
ALT/AZ=65.0 -87.4
fwAVG=1.75
sdW=973.9
fwW=1.76
sdS=698.8
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=870.5
fwN=1.83
sdE=1695.4
fwE=1.79
20250211T222335.0001.fits
SecZ=1.10
Focus=-7.089
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.962 -7.073 -5.231
T123=18.9 20.1 21.3
ALT/AZ=64.8 -87.4
fwAVG=1.78
sdW=940.4
fwW=1.77
sdS=658.0
fwS=1.75
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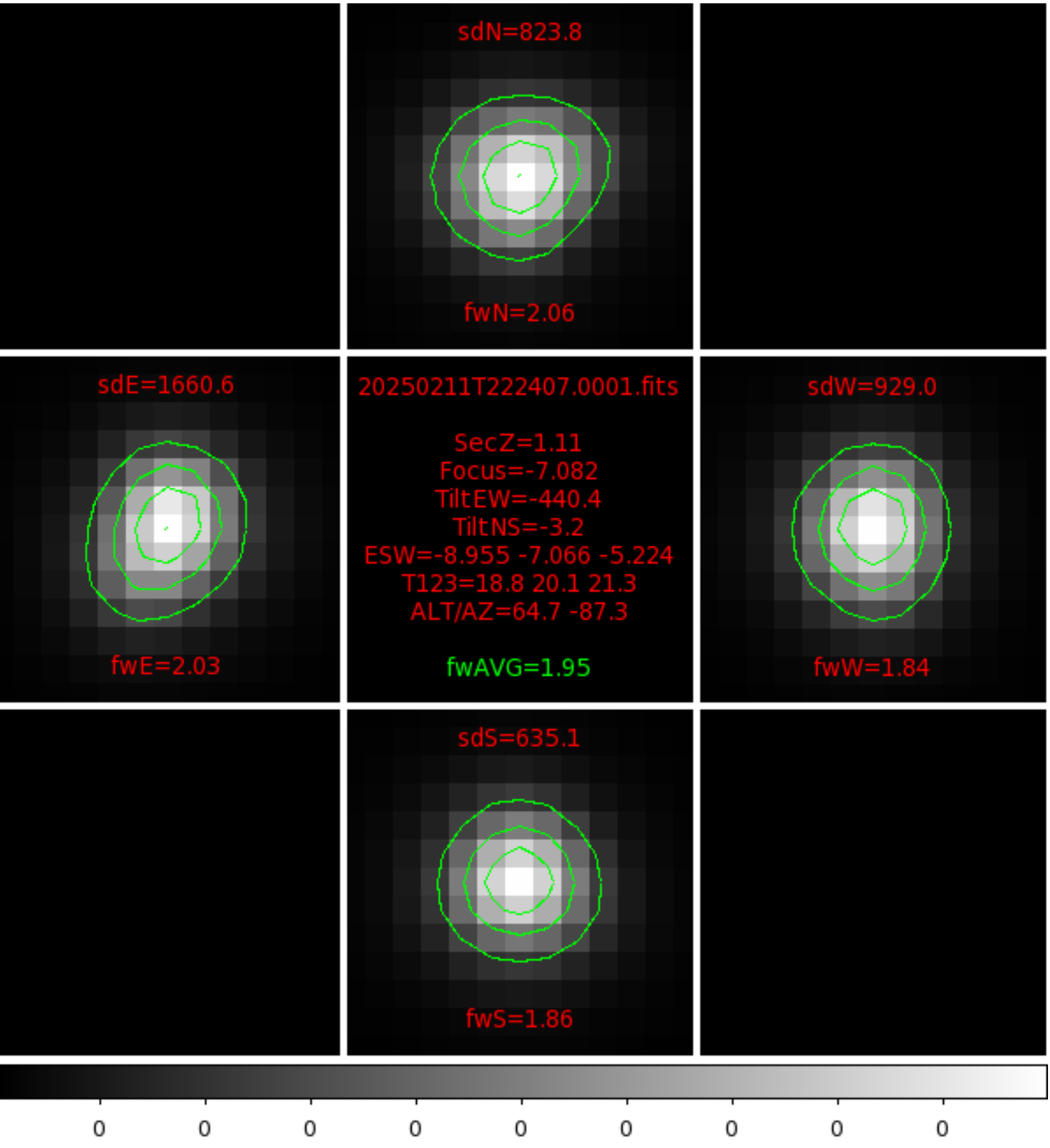
sdN=823.8
fwN=2.06
sdE=1660.6
fwE=2.03
20250211T222407.0001.fits
SecZ=1.11
Focus=-7.082
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.955 -7.066 -5.224
T123=18.8 20.1 21.3
ALT/AZ=64.7 -87.3
fwAVG=1.95
sdW=929.0
fwW=1.84
sdS=635.1
fwS=1.86
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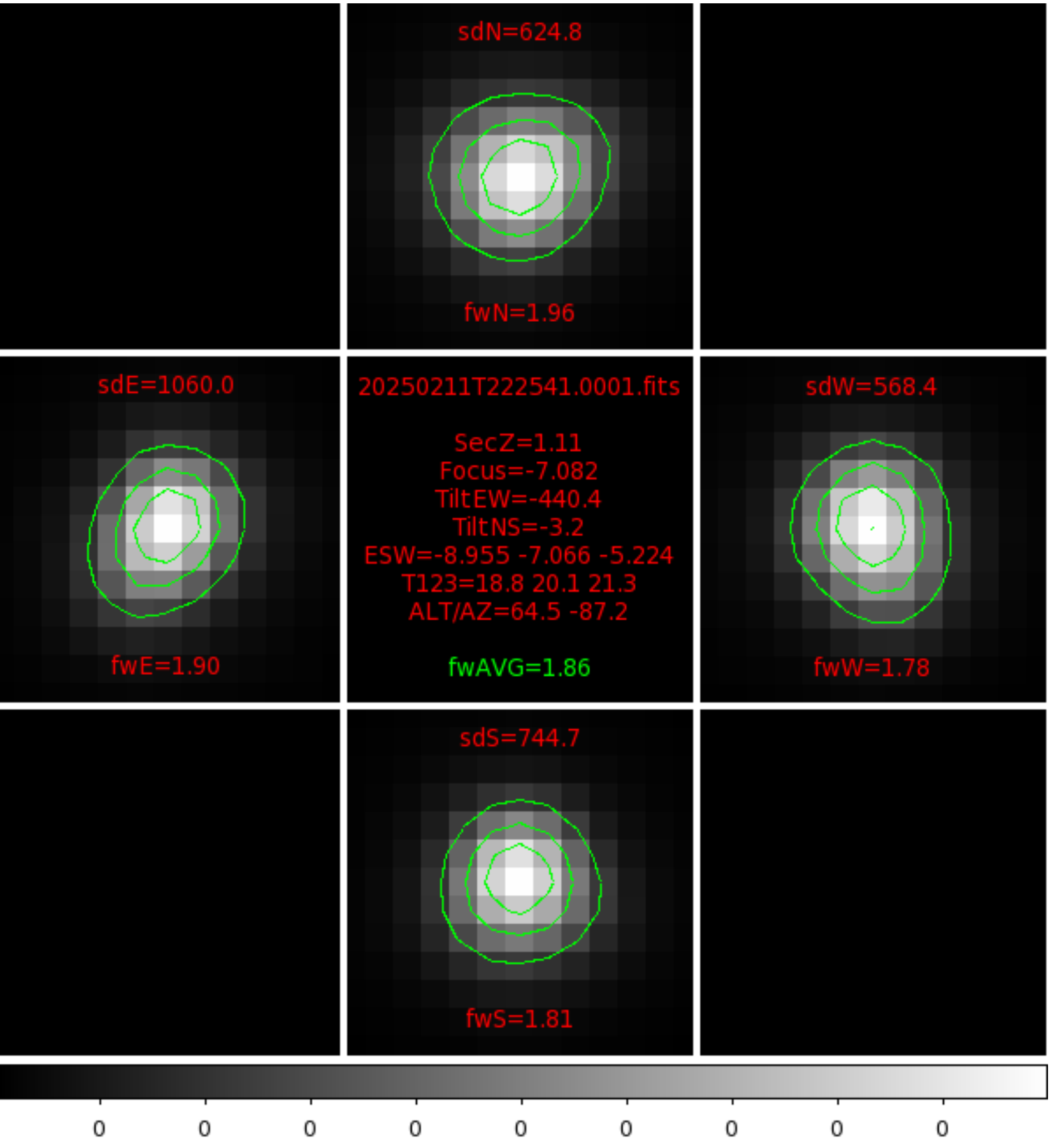
sdN=624.8
fwN=1.96
sdE=1060.0
fwE=1.90
20250211T222541.0001.fits
SecZ=1.11
Focus=-7.082
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.955 -7.066 -5.224
T123=18.8 20.1 21.3
ALT/AZ=64.5 -87.2
fwAVG=1.86
sdW=568.4
fwW=1.78
sdS=744.7
fwS=1.81
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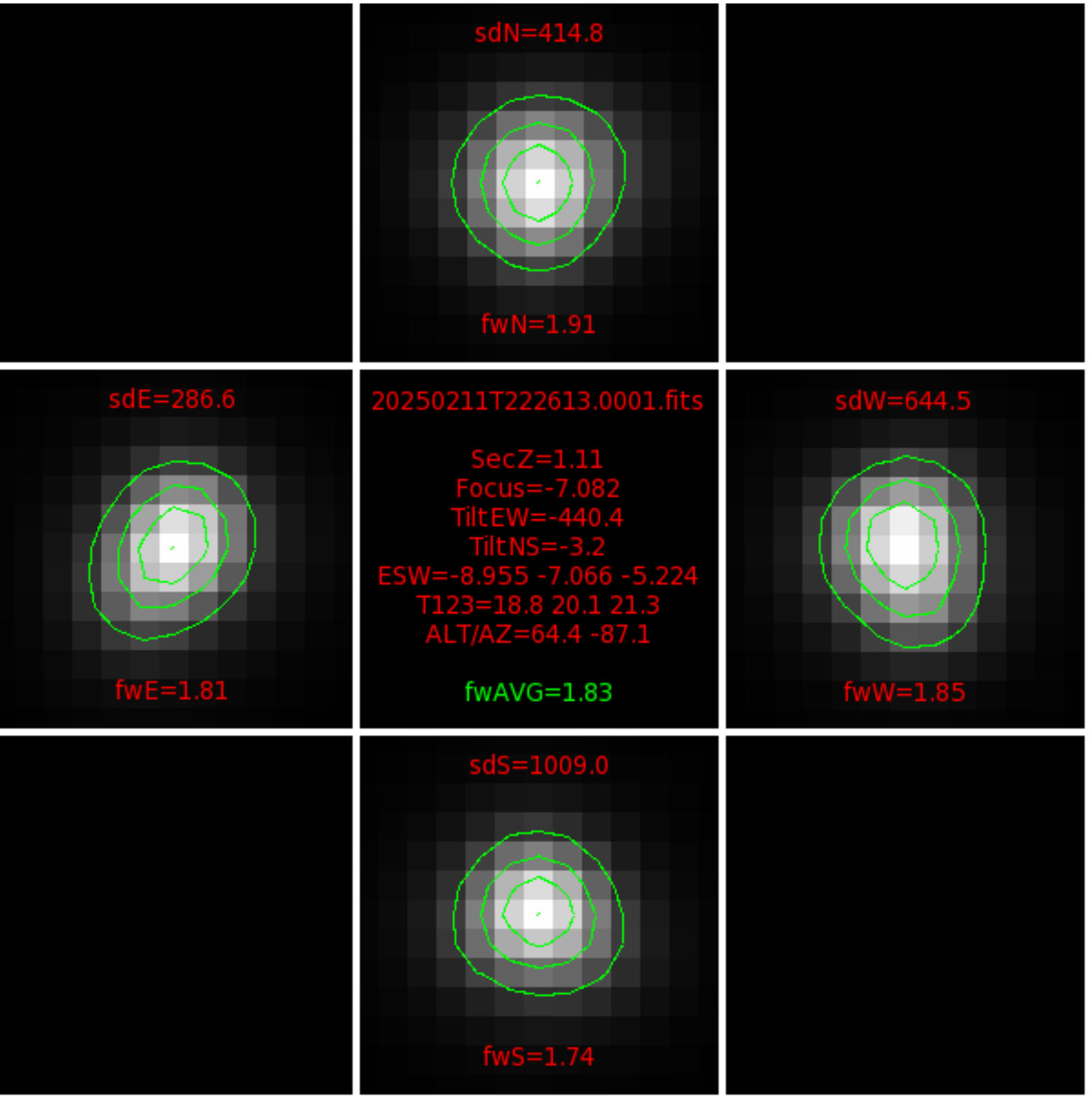
sdN=414.8
fwN=1.91
sdE=286.6
fwE=1.81
20250211T222613.0001.fits
SecZ=1.11
Focus=-7.082
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.955 -7.066 -5.224
T123=18.8 20.1 21.3
ALT/AZ=64.4 -87.1
fwAVG=1.83
sdW=644.5
fwW=1.85
sdS=1009.0
fwS=1.74
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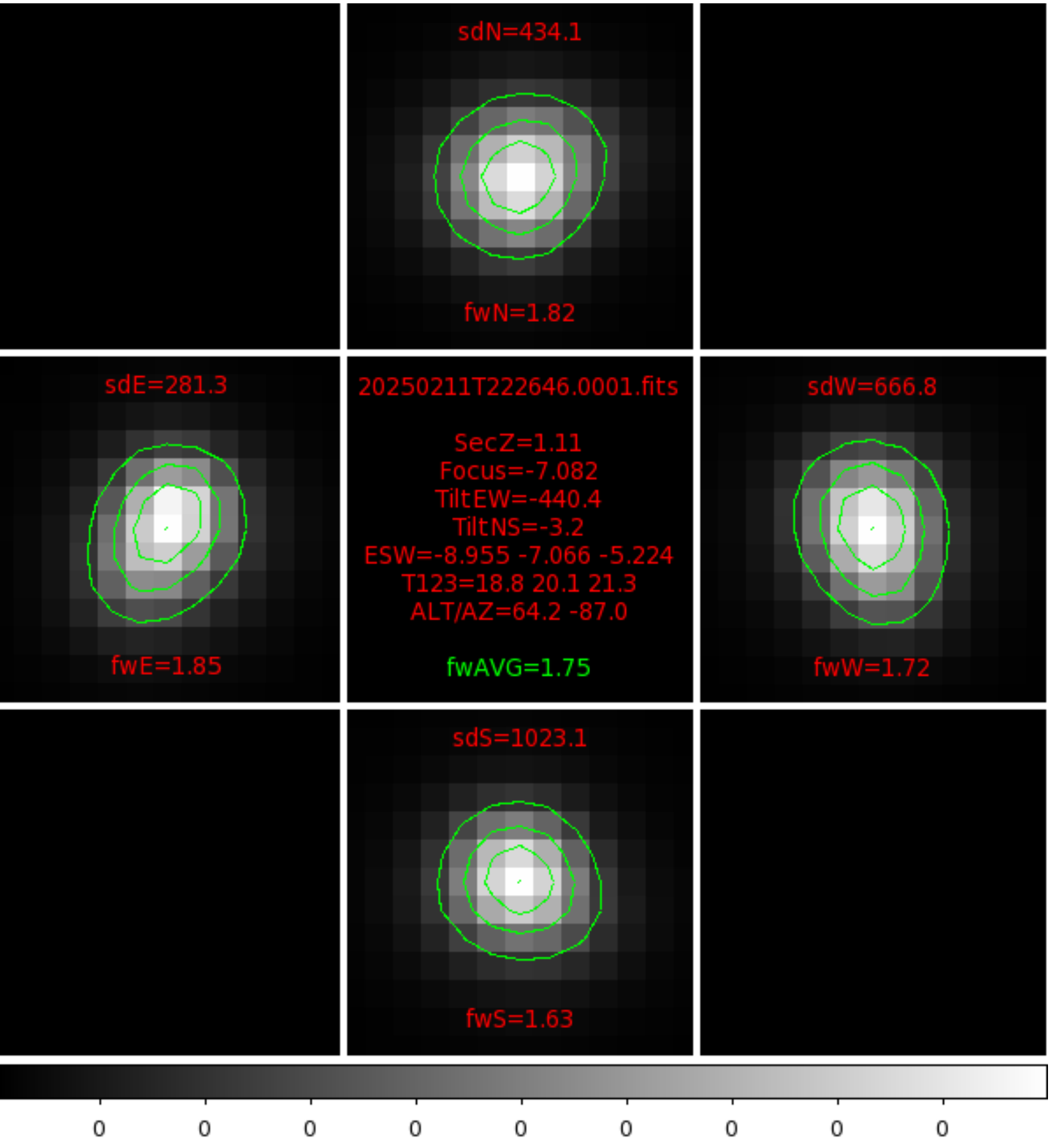
sdN=434.1
fwN=1.82
sdE=281.3
fwE=1.85
20250211T222646.0001.fits
SecZ=1.11
Focus=-7.082
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.955 -7.066 -5.224
T123=18.8 20.1 21.3
ALT/AZ=64.2 -87.0
fwAVG=1.75
sdW=666.8
fwW=1.72
sdS=1023.1
fwS=1.63
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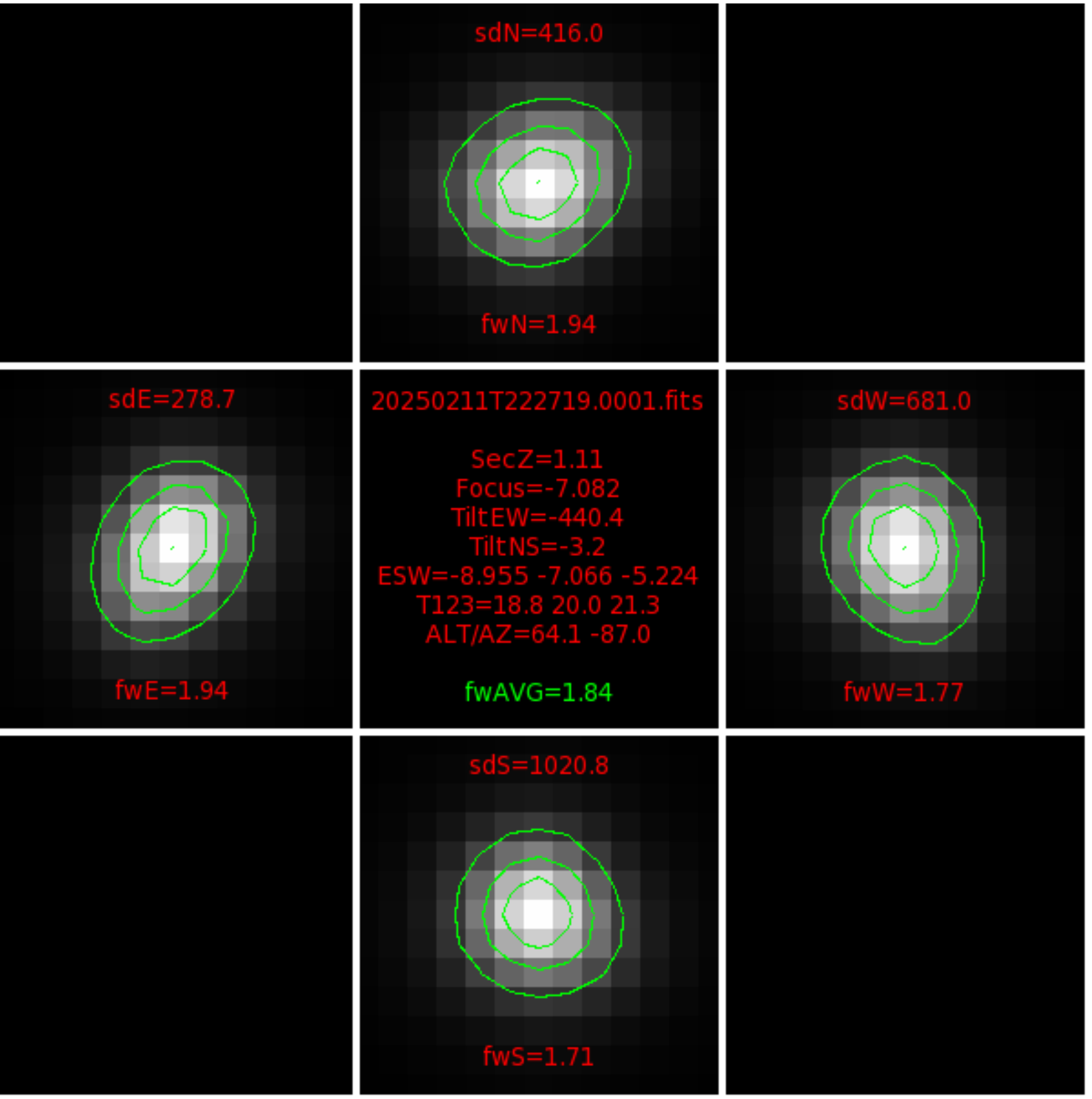
sdN=416.0
fwN=1.94
sdE=278.7
fwE=1.94
20250211T222719.0001.fits
SecZ=1.11
Focus=-7.082
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.955 -7.066 -5.224
T123=18.8 20.0 21.3
ALT/AZ=64.1 -87.0
fwAVG=1.84
sdW=681.0
fwW=1.77
sdS=1020.8
fwS=1.71
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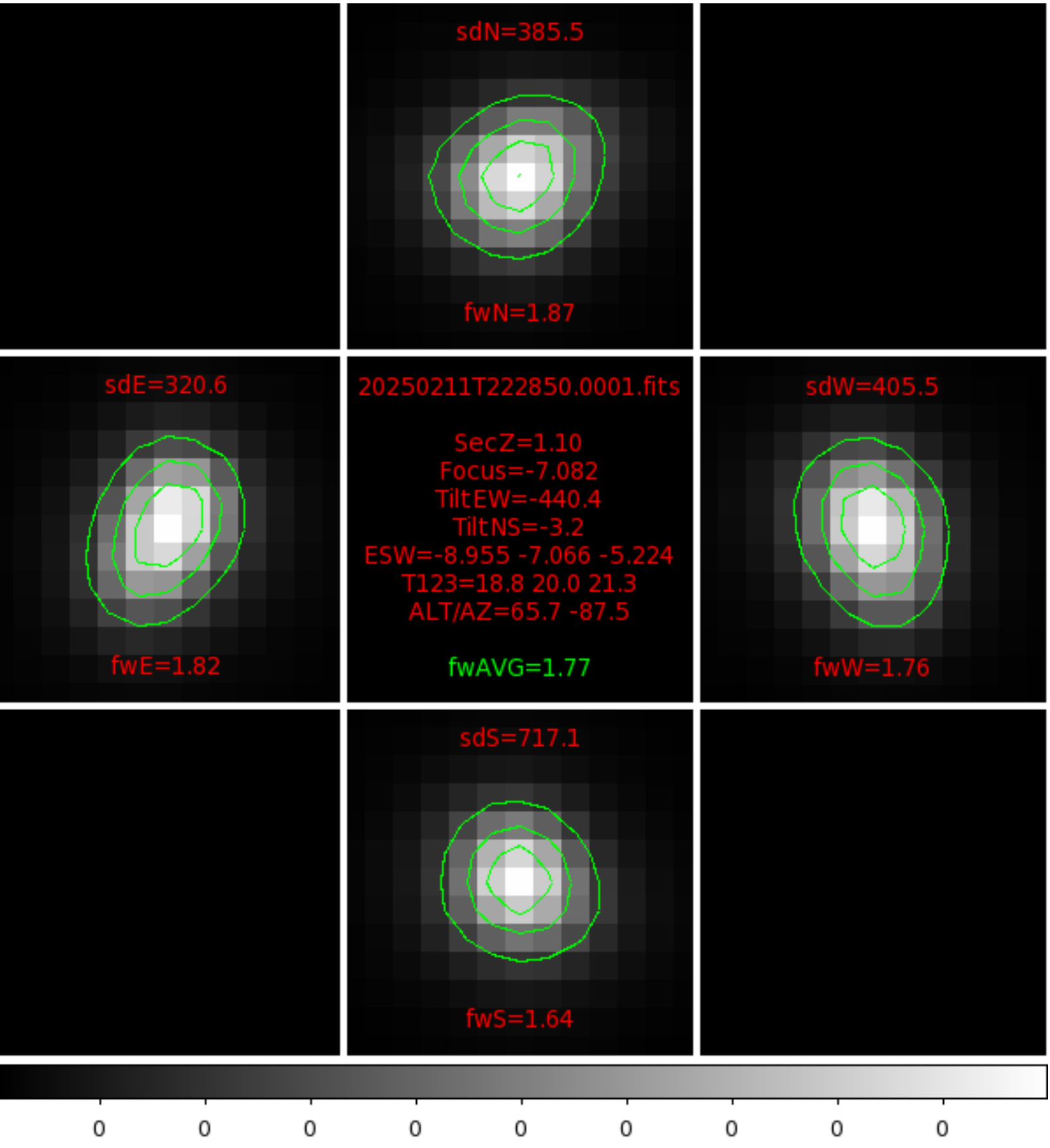
sdN=385.5
fwN=1.87
sdE=320.6
fwE=1.82
20250211T222850.0001.fits
SecZ=1.10
Focus=-7.082
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.955 -7.066 -5.224
T123=18.8 20.0 21.3
ALT/AZ=65.7 -87.5
fwAVG=1.77
sdW=405.5
fwW=1.76
sdS=717.1
fwS=1.64
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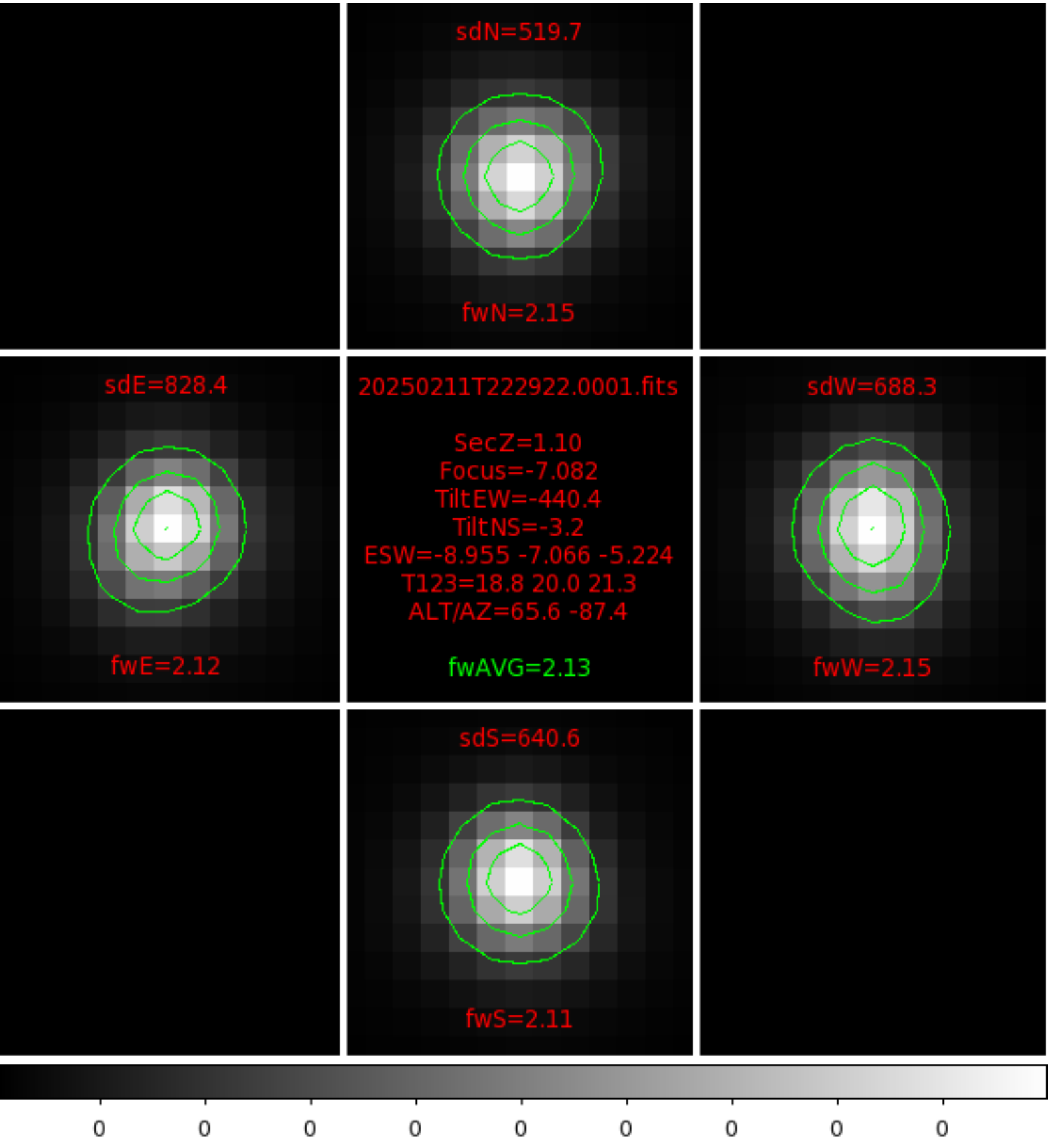
sdN=519.7
fwN=2.15
sdE=828.4
fwE=2.12
20250211T222922.0001.fits
SecZ=1.10
Focus=-7.082
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.955 -7.066 -5.224
T123=18.8 20.0 21.3
ALT/AZ=65.6 -87.4
fwAVG=2.13
sdW=688.3
fwW=2.15
sdS=640.6
fwS=2.11
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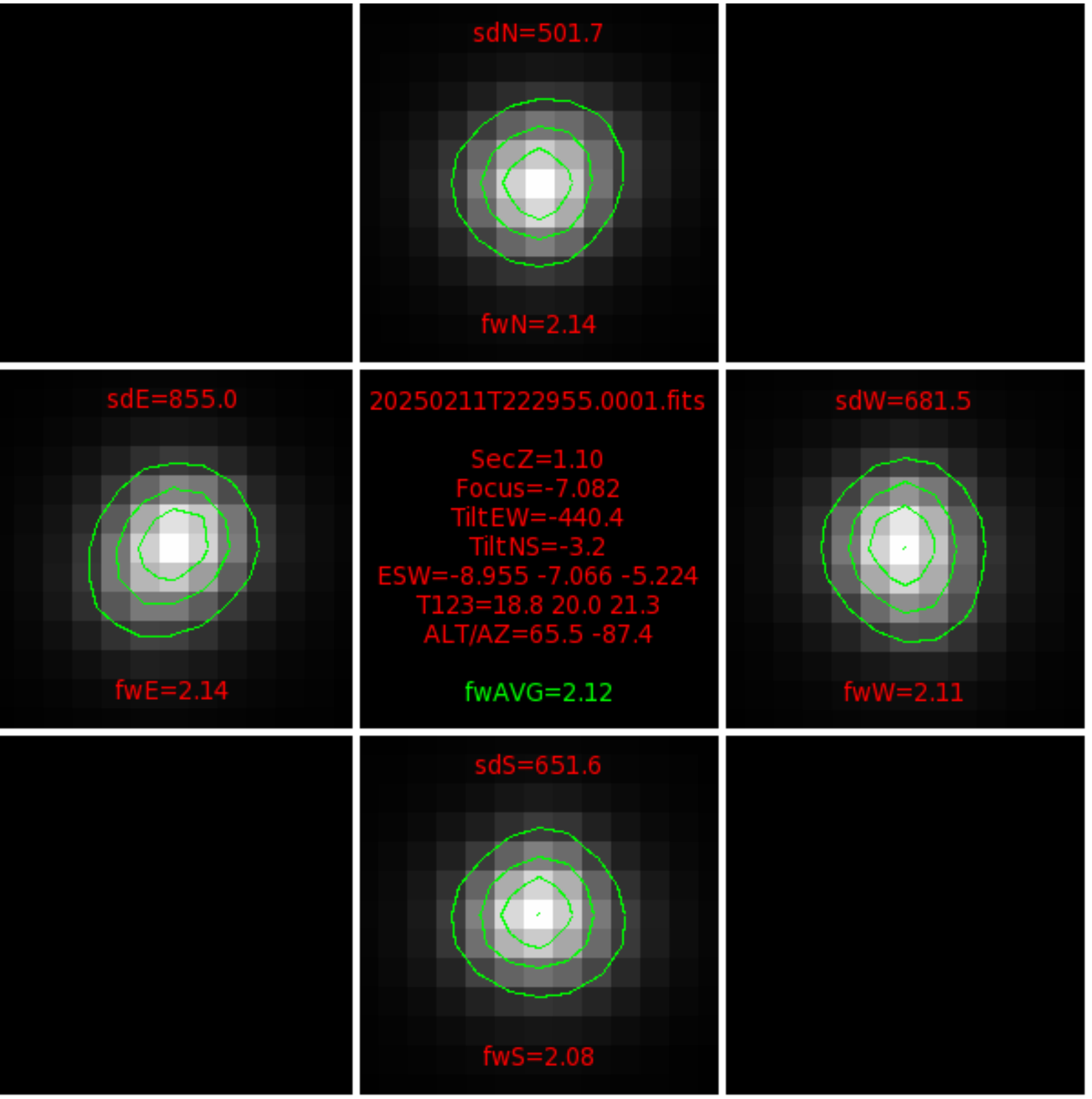
sdN=501.7
fwN=2.14
sdE=855.0
fwE=2.14
20250211T222955.0001.fits
SecZ=1.10
Focus=-7.082
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.955 -7.066 -5.224
T123=18.8 20.0 21.3
ALT/AZ=65.5 -87.4
fwAVG=2.12
sdW=681.5
fwW=2.11
sdS=651.6
fwS=2.08
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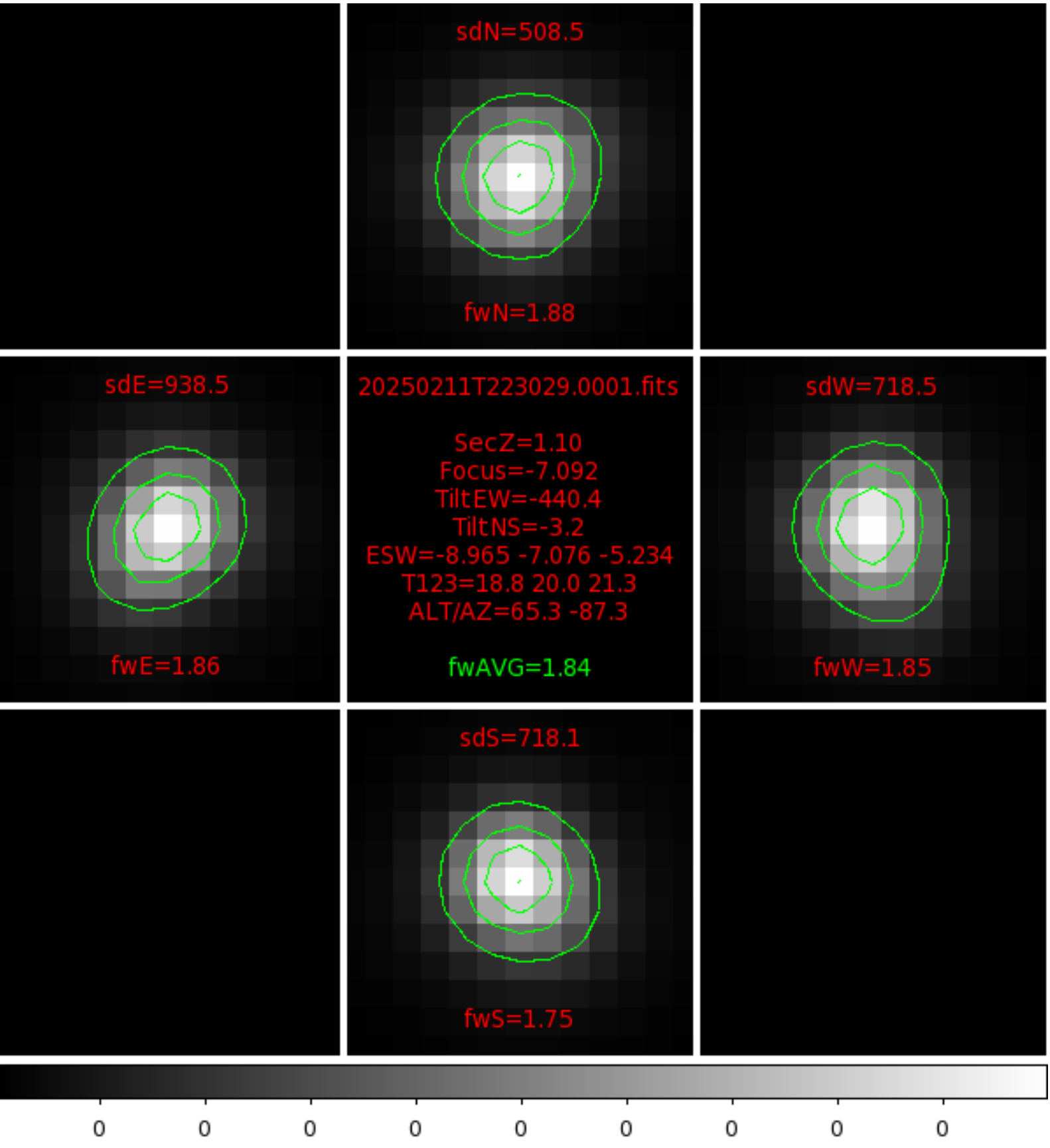
sdN=508.5
fwN=1.88
sdE=938.5
fwE=1.86
20250211T223029.0001.fits
SecZ=1.10
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=18.8 20.0 21.3
ALT/AZ=65.3 -87.3
fwAVG=1.84
sdW=718.5
fwW=1.85
sdS=718.1
fwS=1.75
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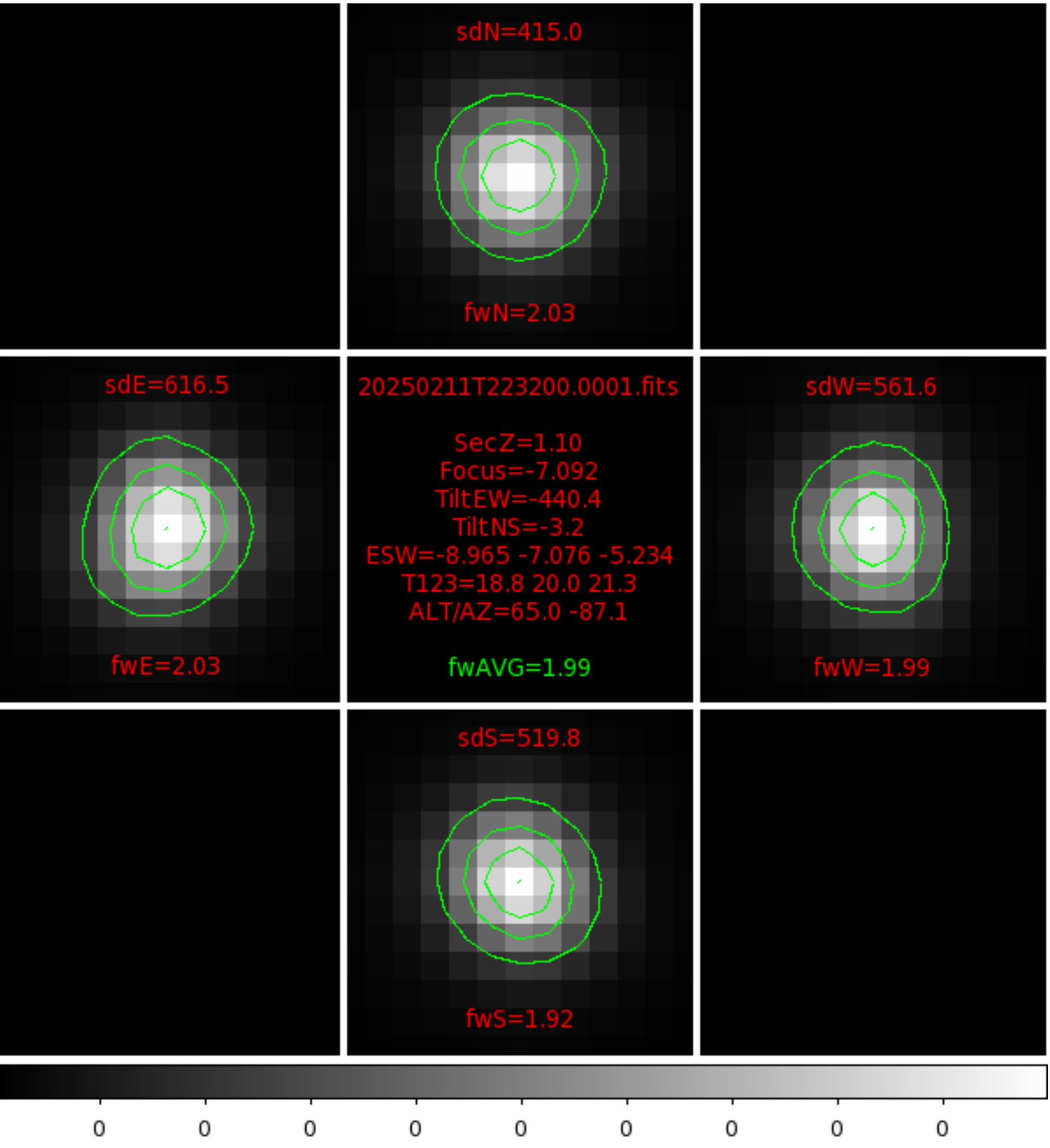
sdN=415.0
fwN=2.03
sdE=616.5
fwE=2.03
20250211T223200.0001.fits
SecZ=1.10
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=18.8 20.0 21.3
ALT/AZ=65.0 -87.1
fwAVG=1.99
sdW=561.6
fwW=1.99
sdS=519.8
fwS=1.92
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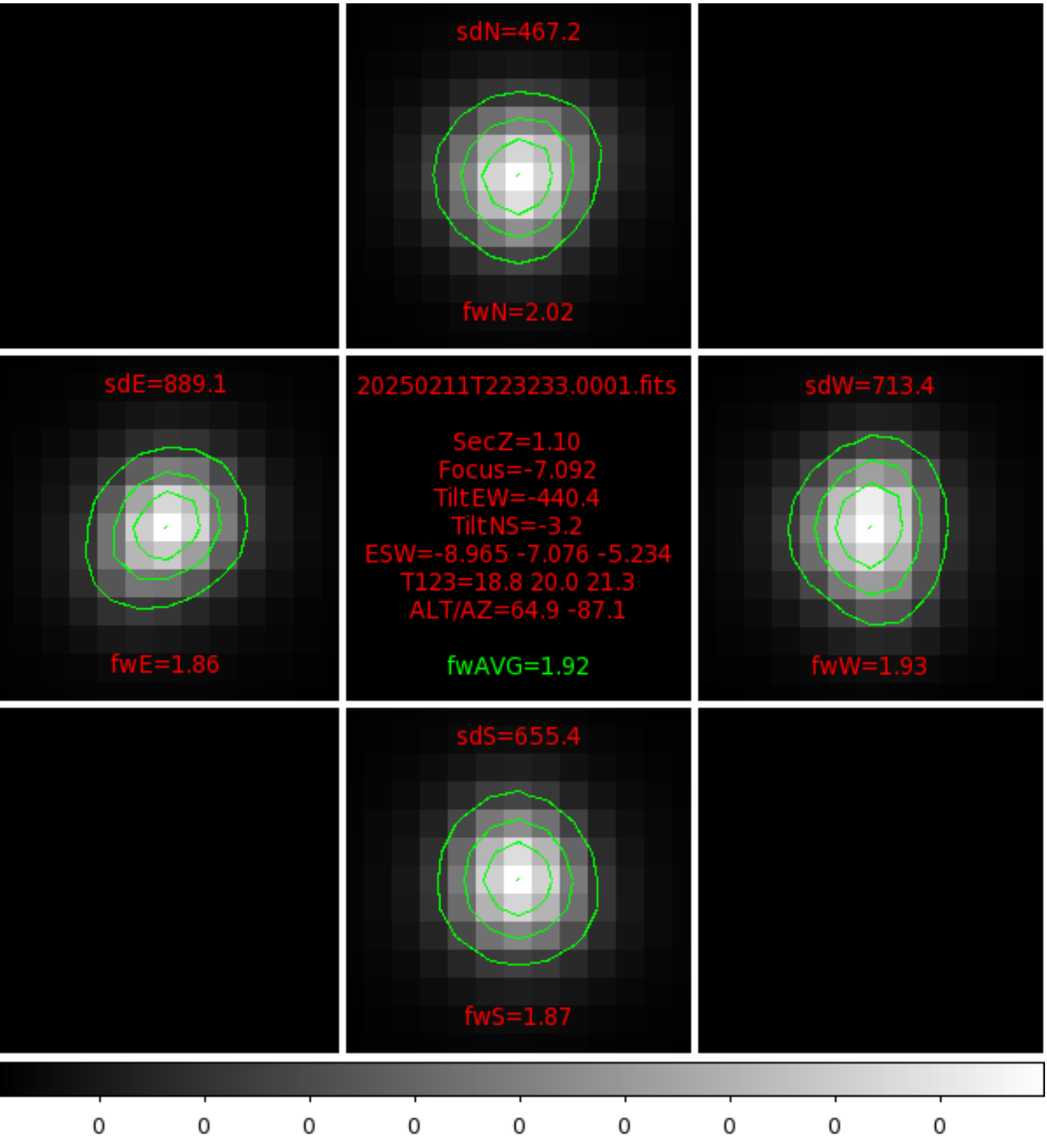
sdN=467.2
fwN=2.02
sdE=889.1
fwE=1.86
20250211T223233.0001.fits
SecZ=1.10
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=18.8 20.0 21.3
ALT/AZ=64.9 -87.1
fwAVG=1.92
sdW=713.4
fwW=1.93
sdS=655.4
fwS=1.87
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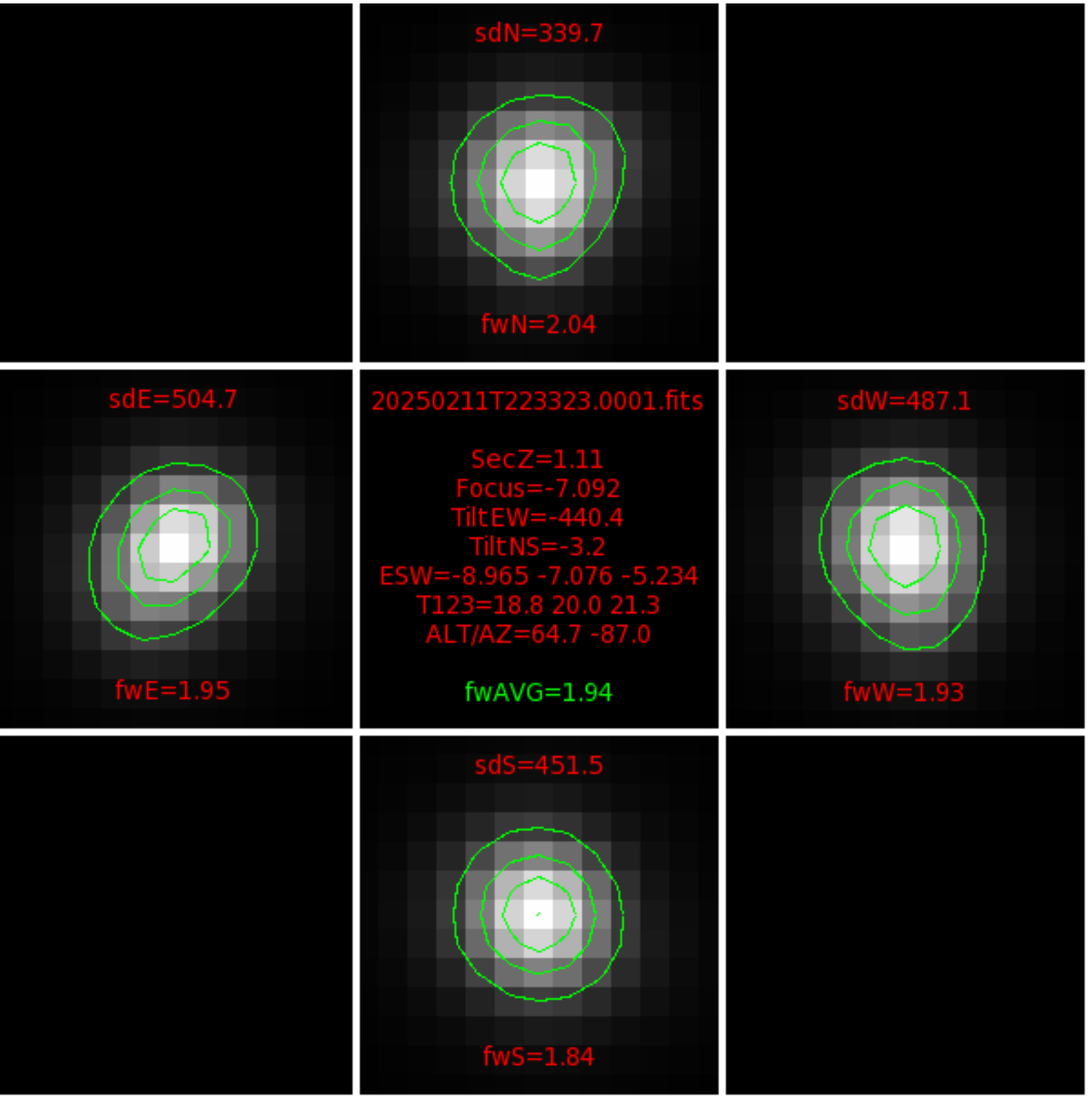
sdN=339.7
fwN=2.04
sdE=504.7
fwE=1.95
20250211T223323.0001.fits
SecZ=1.11
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=18.8 20.0 21.3
ALT/AZ=64.7 -87.0
fwAVG=1.94
sdW=487.1
fwW=1.93
sdS=451.5
fwS=1.84
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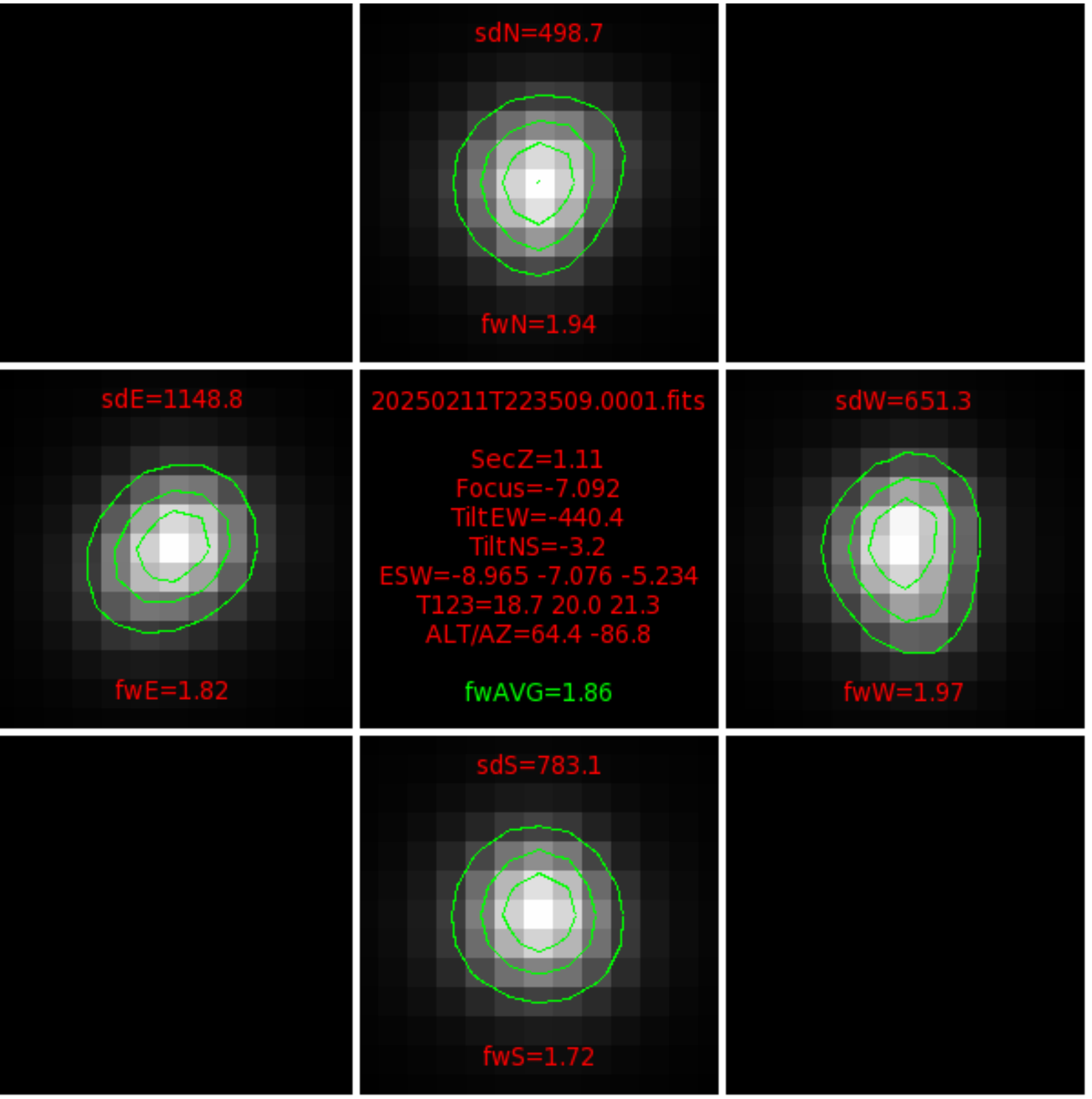
sdN=498.7
fwN=1.94
sdE=1148.8
fwE=1.82
20250211T223509.0001.fits
SecZ=1.11
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=18.7 20.0 21.3
ALT/AZ=64.4 -86.8
fwAVG=1.86
sdW=651.3
fwW=1.97
sdS=783.1
fwS=1.72
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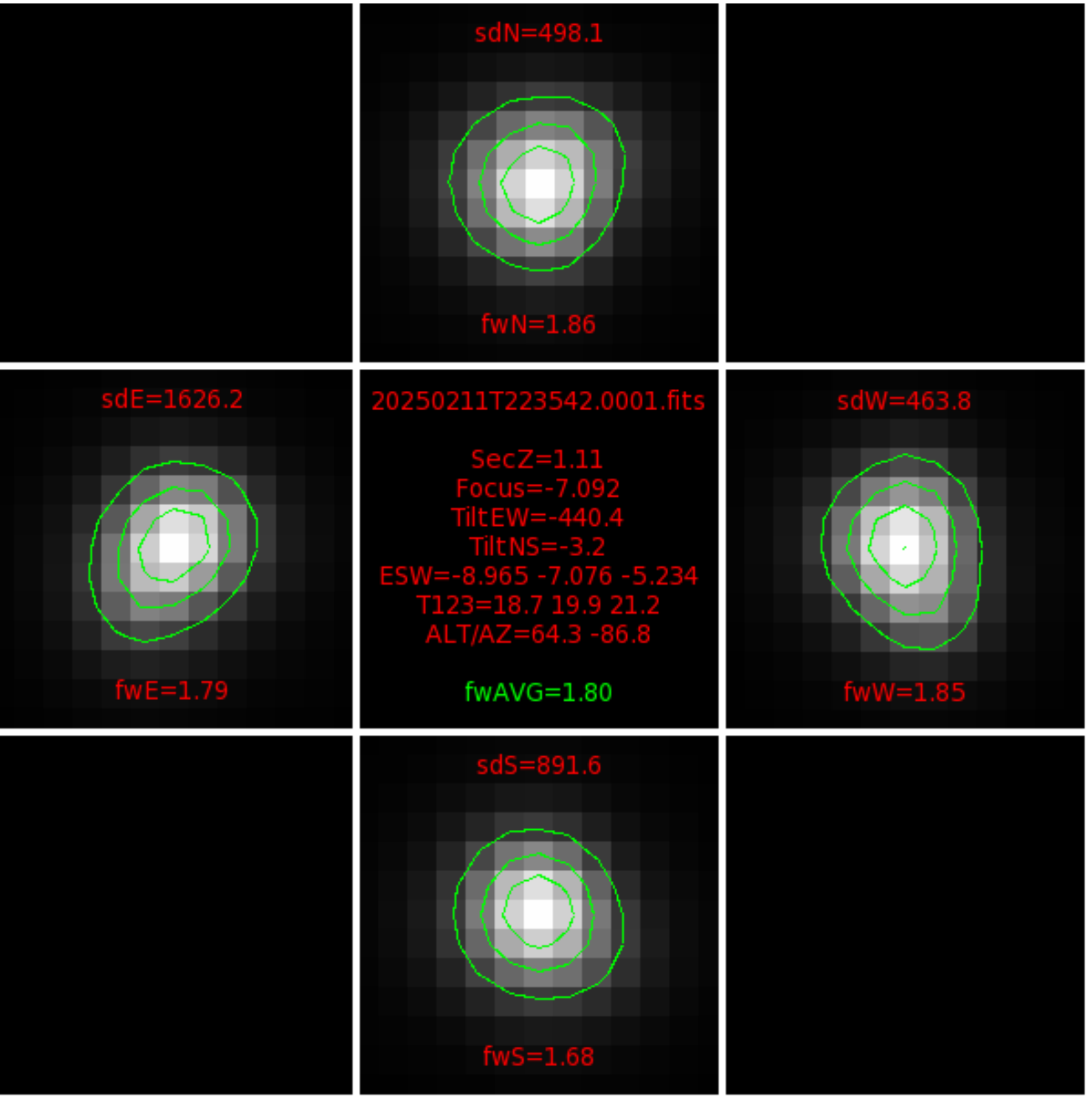
sdN=498.1
fwN=1.86
sdE=1626.2
fwE=1.79
20250211T223542.0001.fits
SecZ=1.11
Focus=-7.092
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.965 -7.076 -5.234
T123=18.7 19.9 21.2
ALT/AZ=64.3 -86.8
fwAVG=1.80
sdW=463.8
fwW=1.85
sdS=891.6
fwS=1.68
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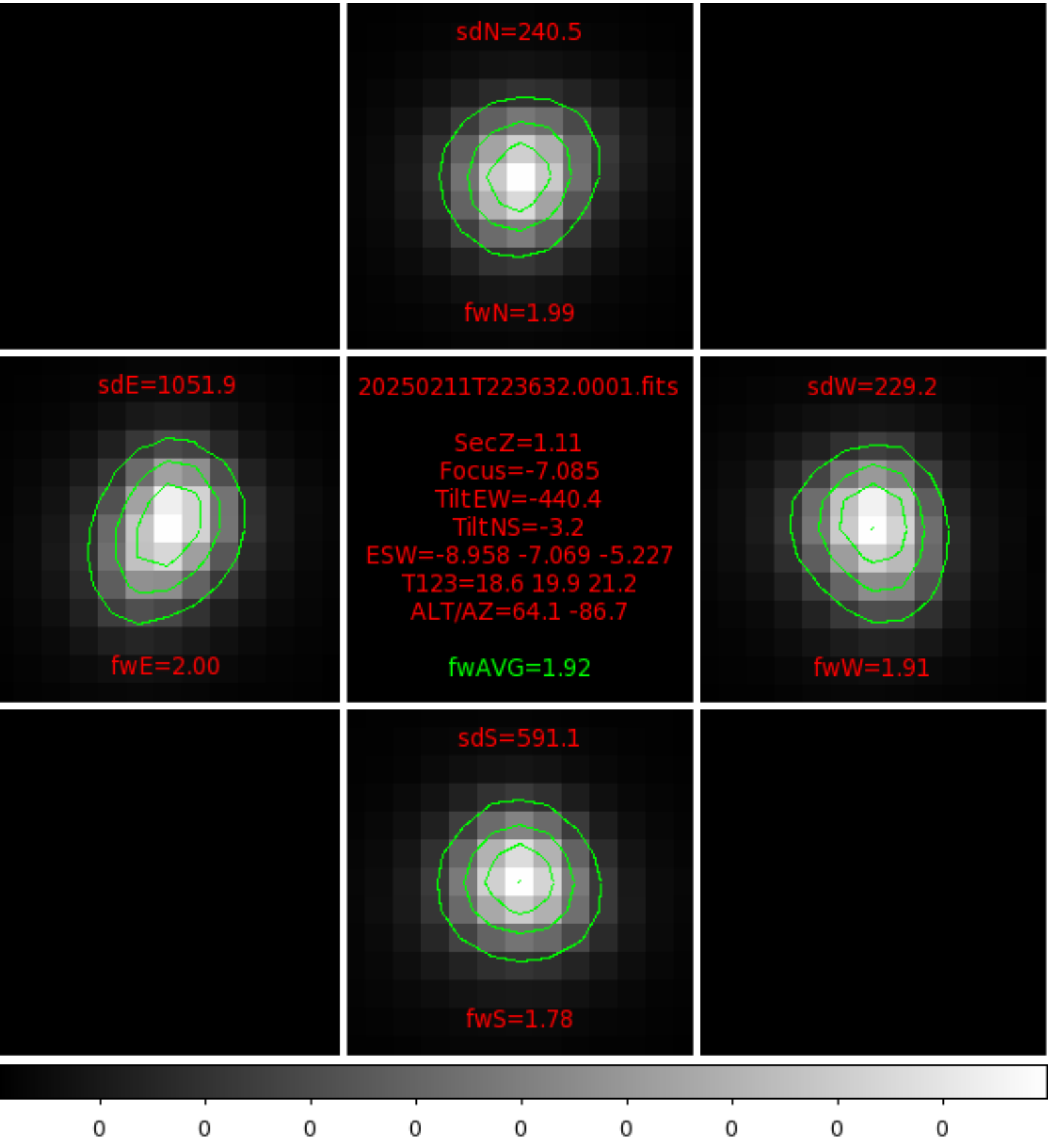
sdN=240.5
fwN=1.99
sdE=1051.9
fwE=2.00
20250211T223632.0001.fits
SecZ=1.11
Focus=-7.085
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.958 -7.069 -5.227
T123=18.6 19.9 21.2
ALT/AZ=64.1 -86.7
fwAVG=1.92
sdW=229.2
fwW=1.91
sdS=591.1
fwS=1.78
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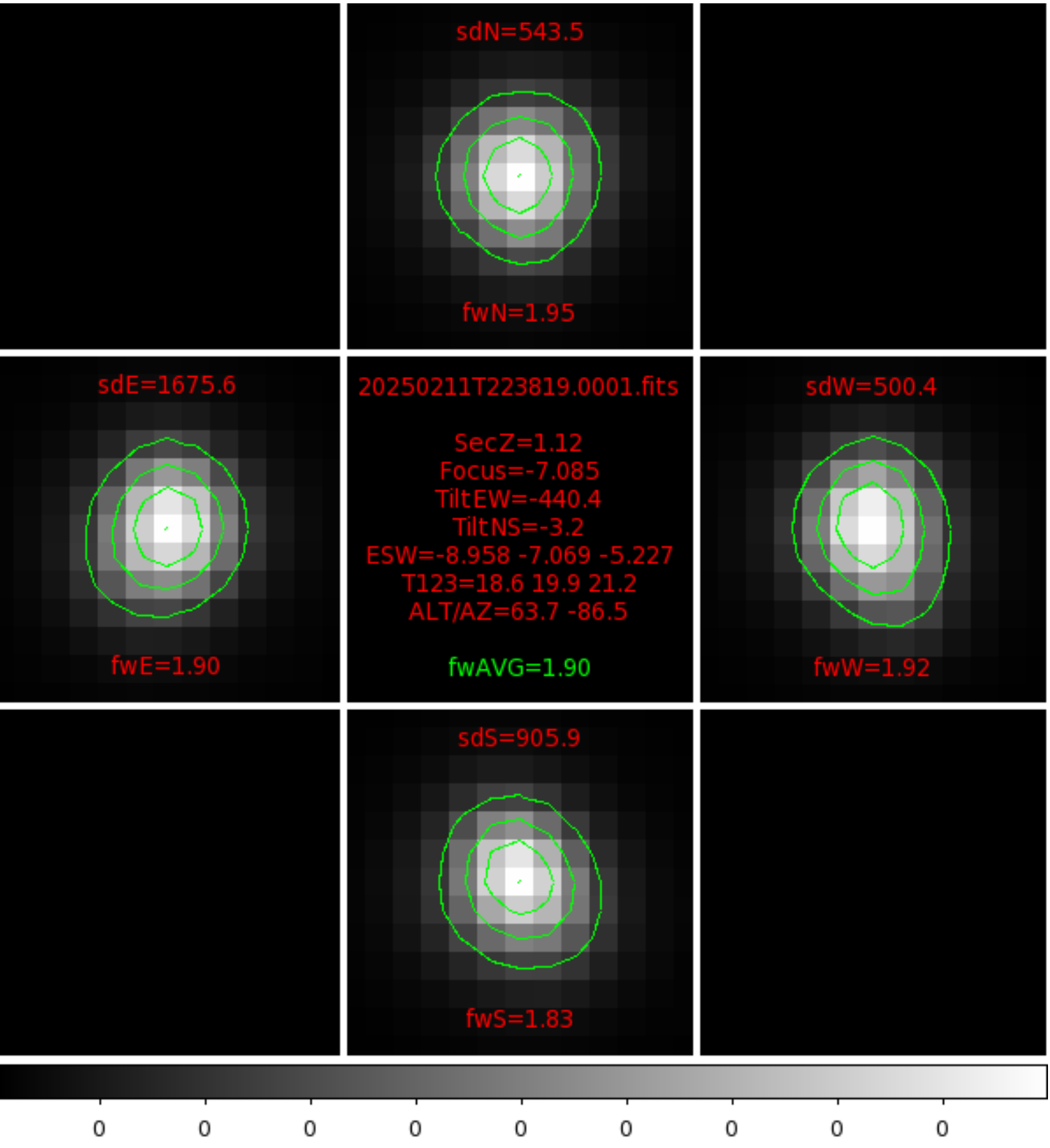
sdN=543.5
fwN=1.95
sdE=1675.6
fwE=1.90
20250211T223819.0001.fits
SecZ=1.12
Focus=-7.085
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.958 -7.069 -5.227
T123=18.6 19.9 21.2
ALT/AZ=63.7 -86.5
fwAVG=1.90
sdW=500.4
fwW=1.92
sdS=905.9
fwS=1.83
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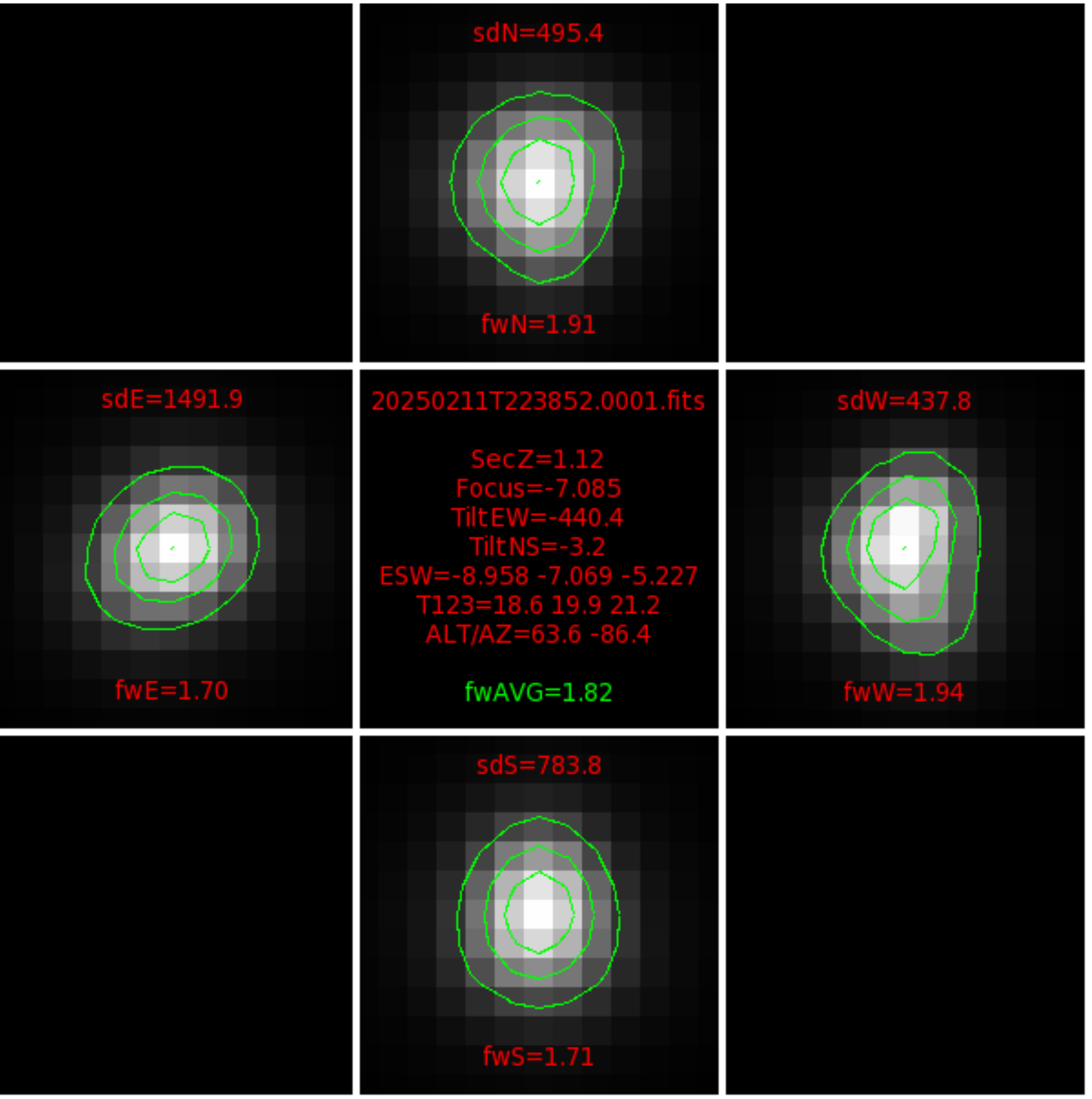
sdN=495.4
fwN=1.91
sdE=1491.9
fwE=1.70
20250211T223852.0001.fits
SecZ=1.12
Focus=-7.085
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.958 -7.069 -5.227
T123=18.6 19.9 21.2
ALT/AZ=63.6 -86.4
fwAVG=1.82
sdW=437.8
fwW=1.94
sdS=783.8
fwS=1.71
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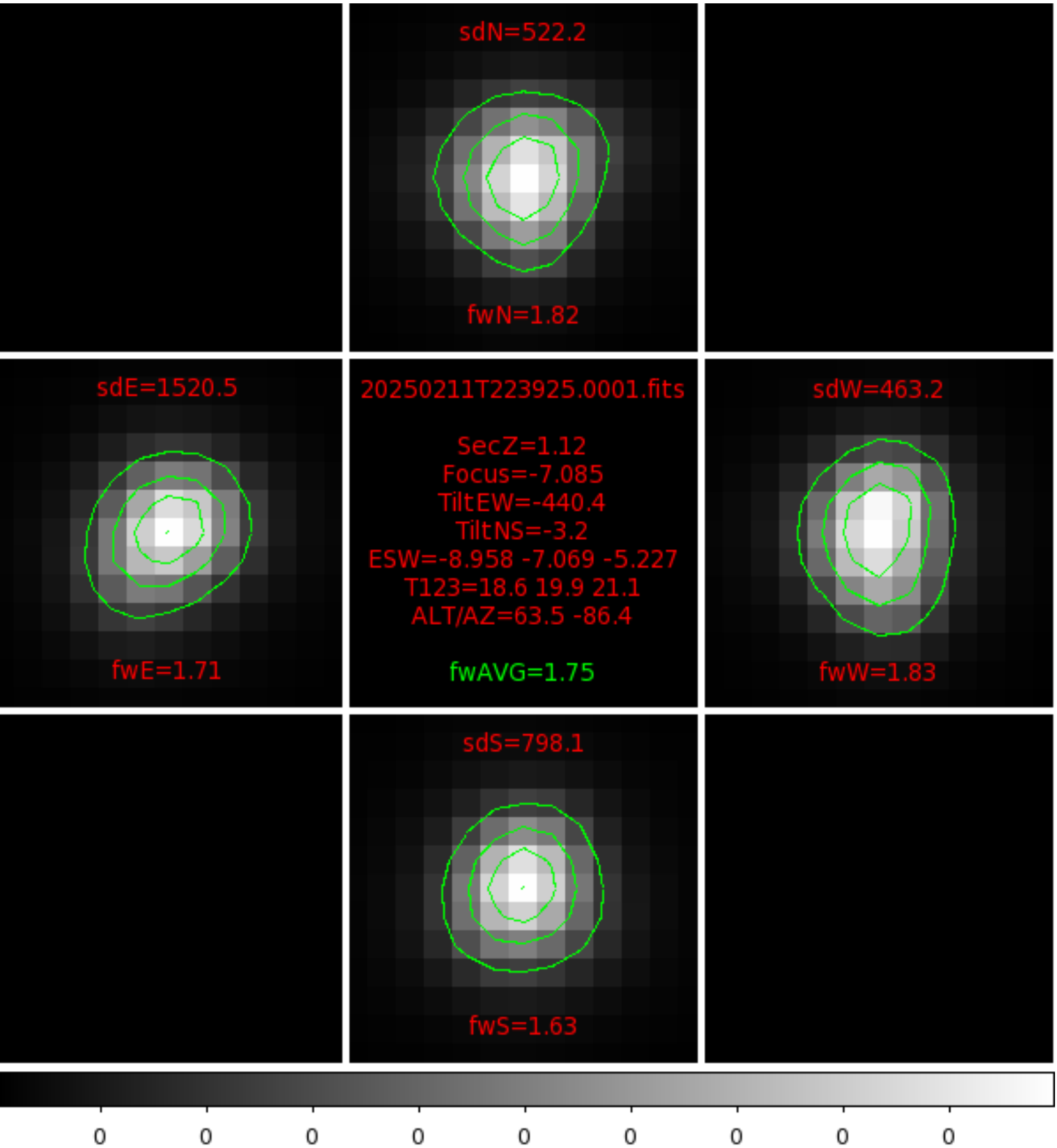
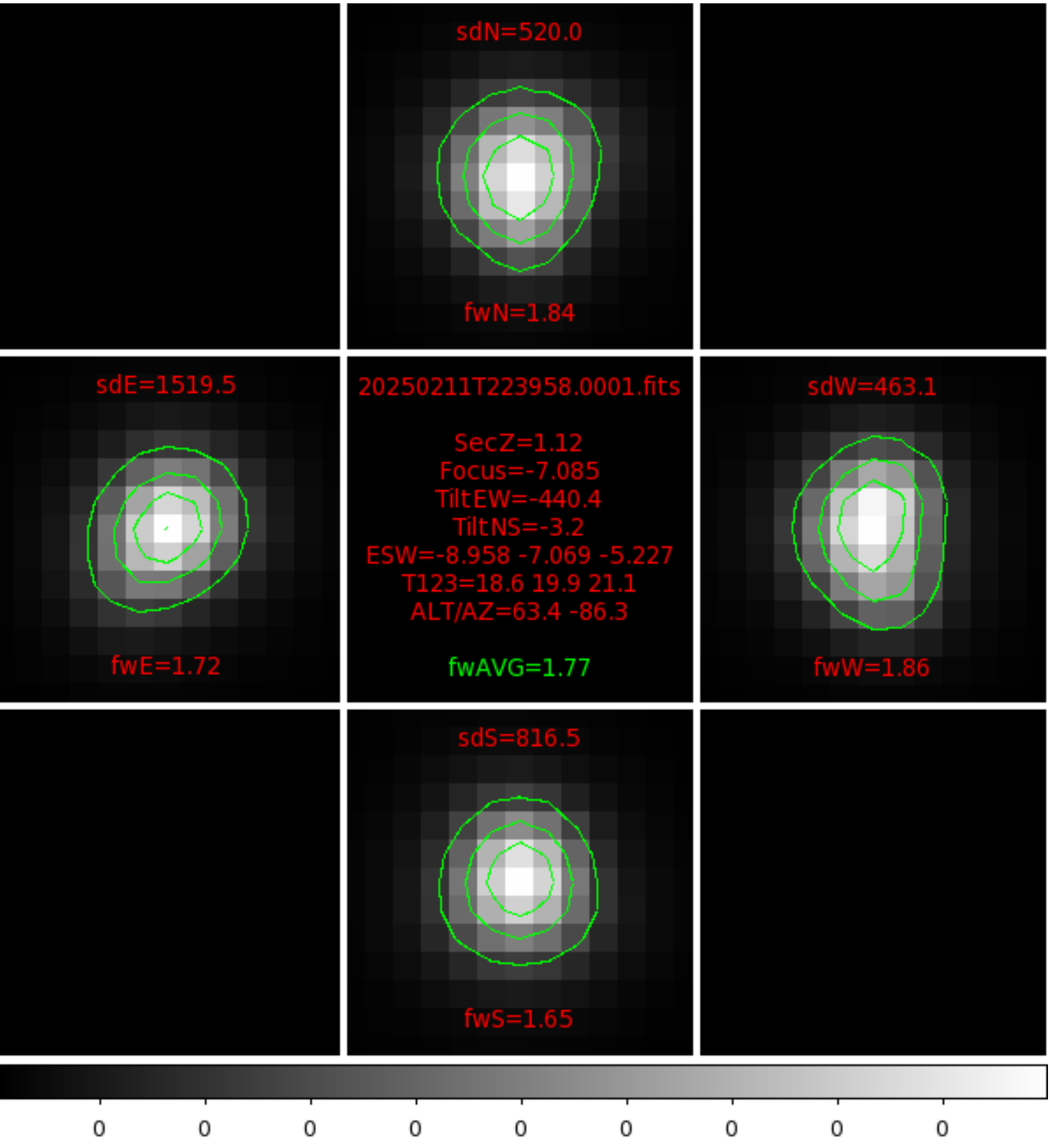

sdN=522.2
fwN=1.82
sdE=1520.5
fwE=1.71
20250211T223925.0001.fits
SecZ=1.12
Focus=-7.085
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.958 -7.069 -5.227
T123=18.6 19.9 21.1
ALT/AZ=63.5 -86.4
fwAVG=1.75
sdW=463.2
fwW=1.83
sdS=798.1
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=520.0
fwN=1.84
sdE=1519.5
fwE=1.72
20250211T223958.0001.fits
SecZ=1.12
Focus=-7.085
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.958 -7.069 -5.227
T123=18.6 19.9 21.1
ALT/AZ=63.4 -86.3
fwAVG=1.77
sdW=463.1
fwW=1.86
sdS=816.5
fwS=1.65
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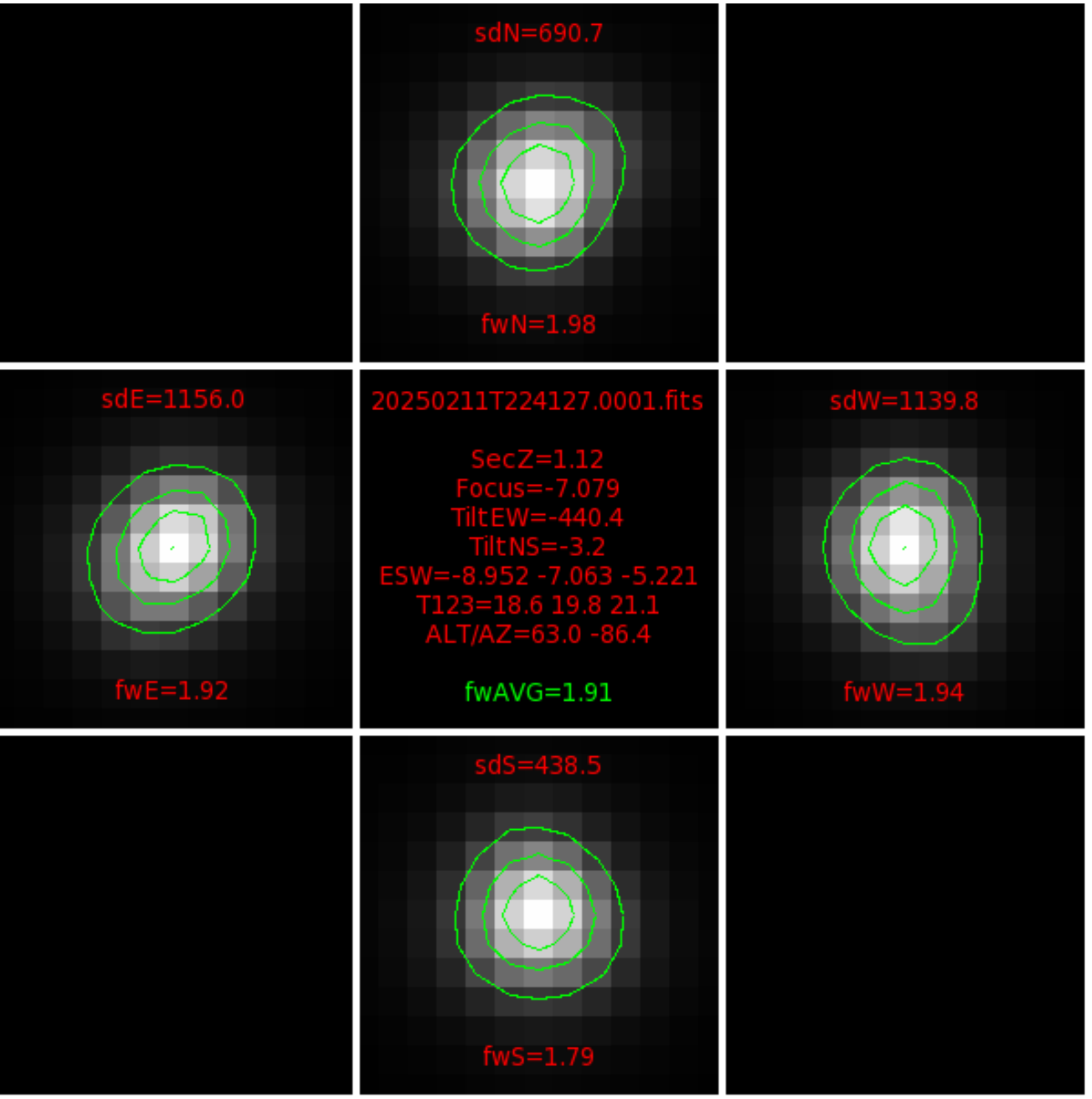
sdN=690.7
fwN=1.98
sdE=1156.0
fwE=1.92
20250211T224127.0001.fits
SecZ=1.12
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.6 19.8 21.1
ALT/AZ=63.0 -86.4
fwAVG=1.91
sdW=1139.8
fwW=1.94
sdS=438.5
fwS=1.79
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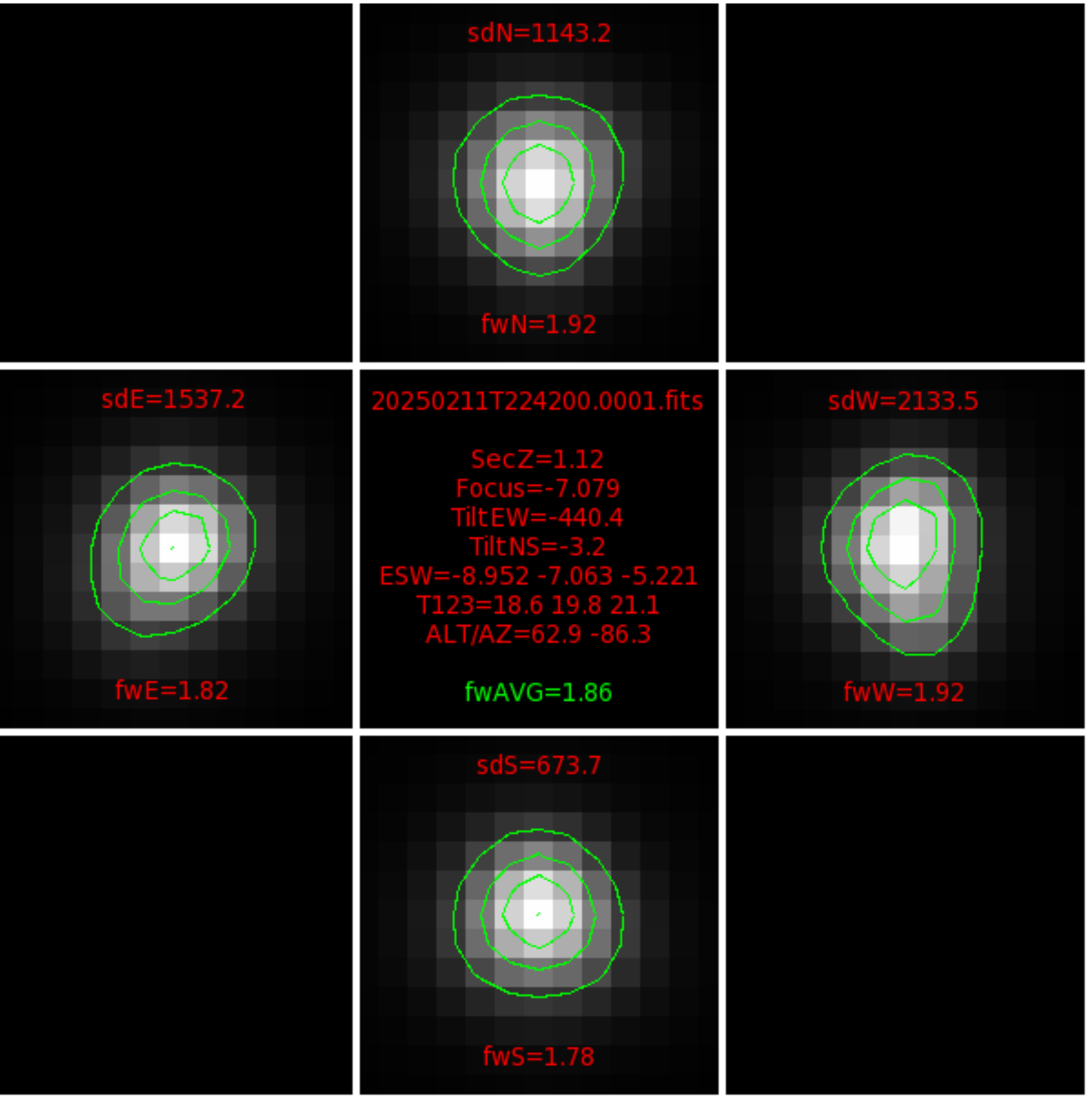
sdN=1143.2
fwN=1.92
sdE=1537.2
fwE=1.82
20250211T224200.0001.fits
SecZ=1.12
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.6 19.8 21.1
ALT/AZ=62.9 -86.3
fwAVG=1.86
sdW=2133.5
fwW=1.92
sdS=673.7
fwS=1.78
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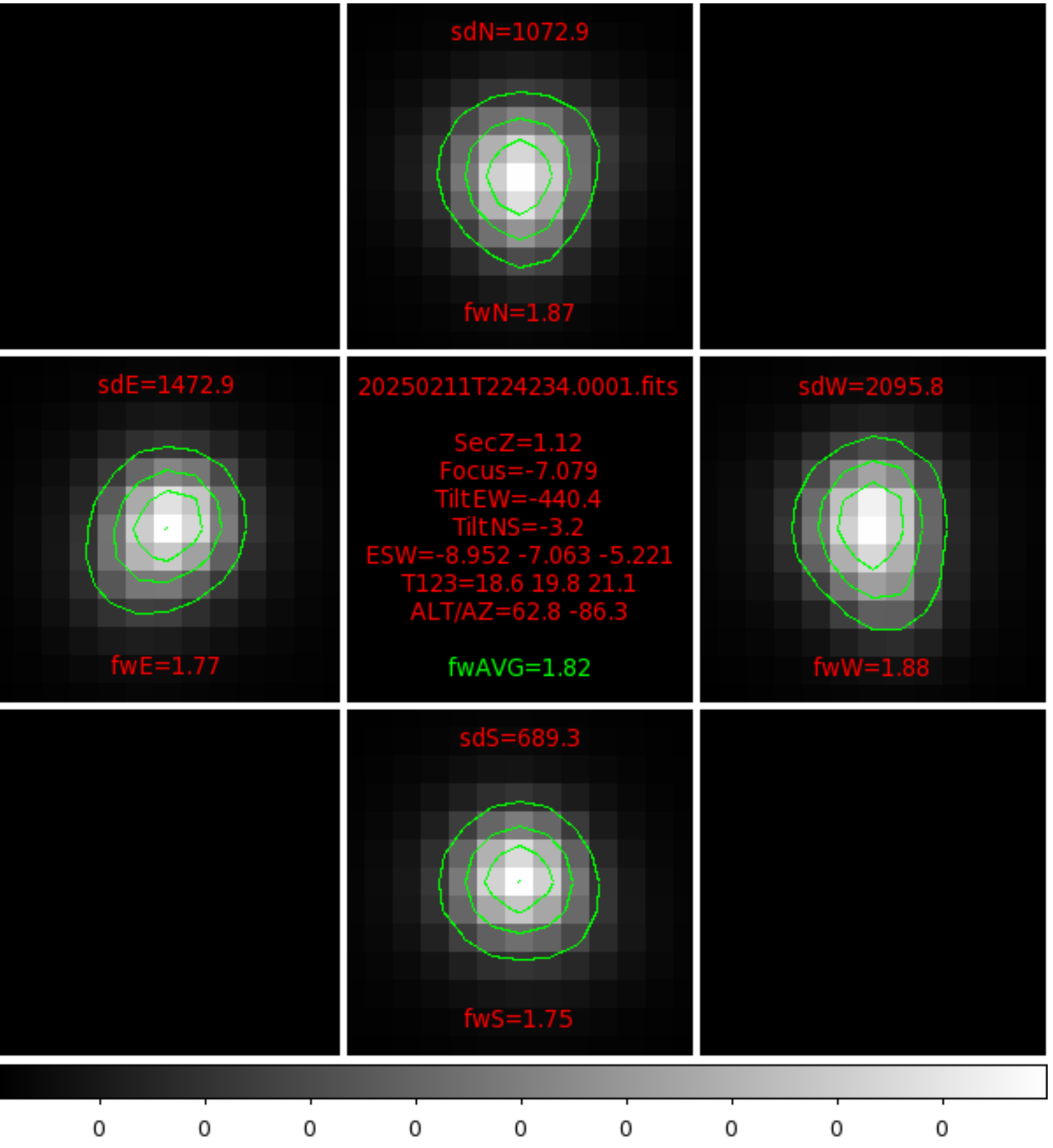
sdN=1072.9
fwN=1.87
sdE=1472.9
fwE=1.77
20250211T224234.0001.fits
SecZ=1.12
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.6 19.8 21.1
ALT/AZ=62.8 -86.3
fwAVG=1.82
sdW=2095.8
fwW=1.88
sdS=689.3
fwS=1.75
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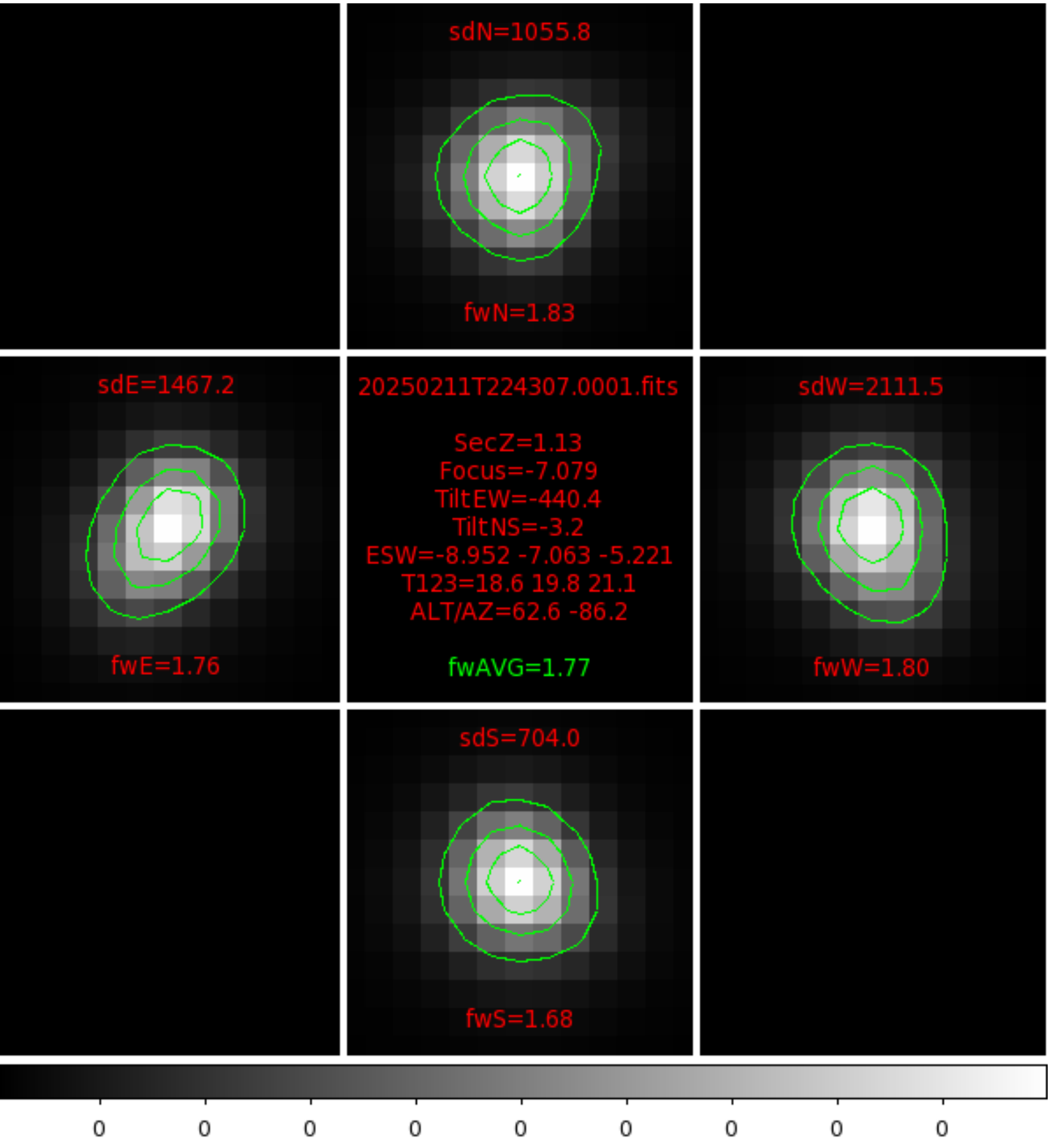
sdN=1055.8
fwN=1.83
sdE=1467.2
fwE=1.76
20250211T224307.0001.fits
SecZ=1.13
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.6 19.8 21.1
ALT/AZ=62.6 -86.2
fwAVG=1.77
sdW=2111.5
fwW=1.80
sdS=704.0
fwS=1.68
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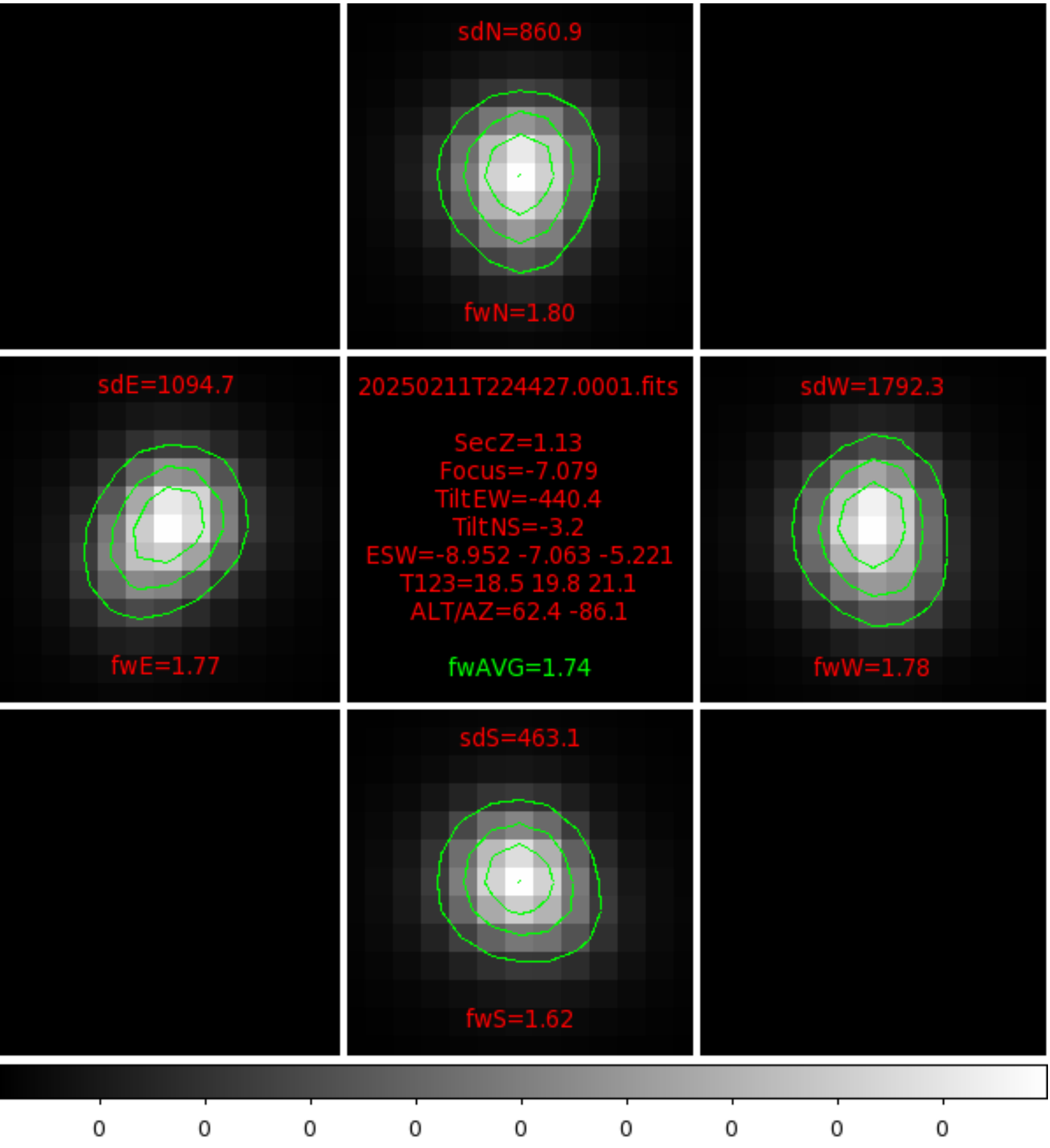
sdN=860.9
fwN=1.80
sdE=1094.7
fwE=1.77
20250211T224427.0001.fits
SecZ=1.13
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.5 19.8 21.1
ALT/AZ=62.4 -86.1
fwAVG=1.74
sdW=1792.3
fwW=1.78
sdS=463.1
fwS=1.62
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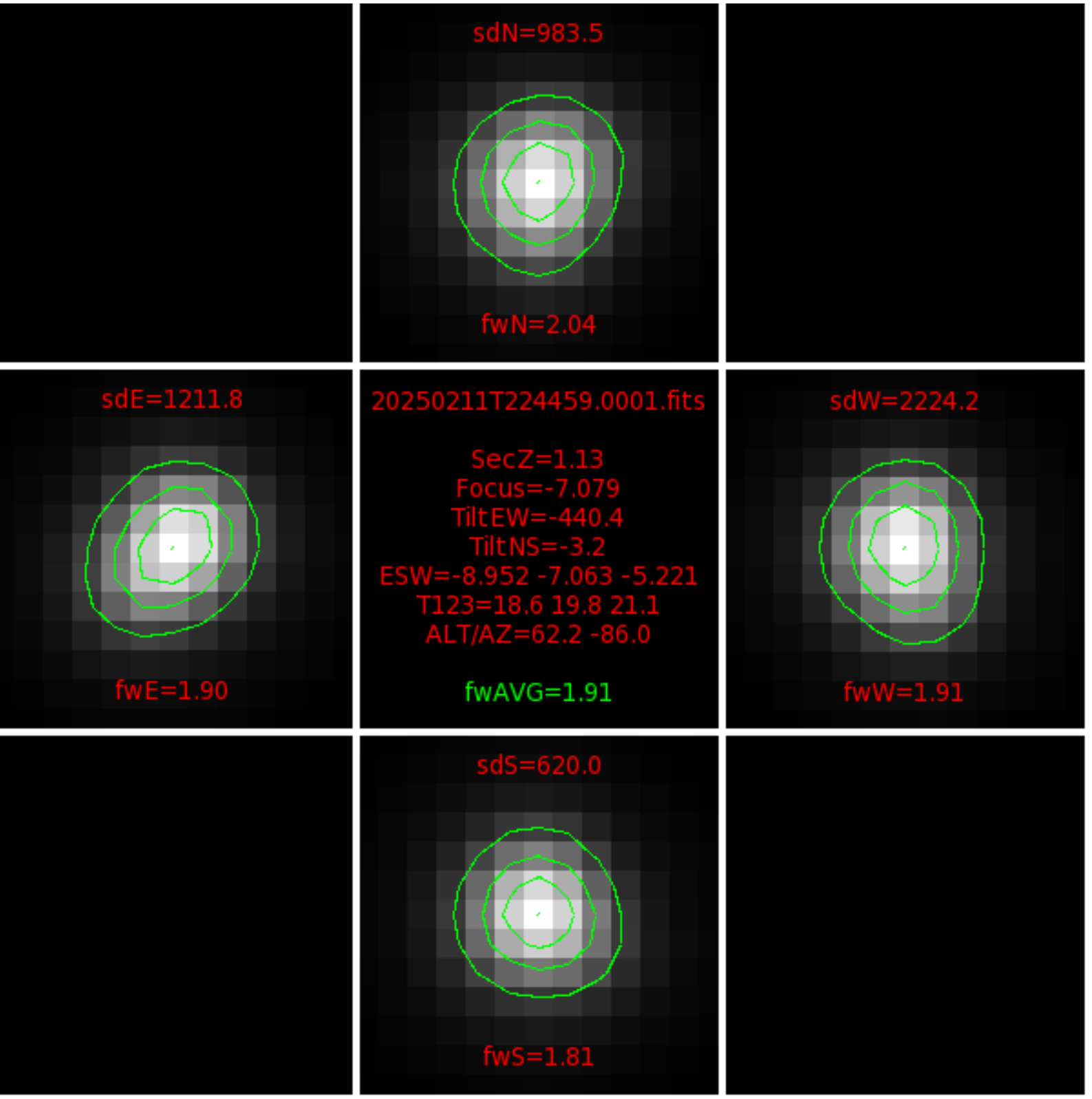
sdN=983.5
fwN=2.04
sdE=1211.8
fwE=1.90
20250211T224459.0001.fits
SecZ=1.13
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.6 19.8 21.1
ALT/AZ=62.2 -86.0
fwAVG=1.91
sdW=2224.2
fwW=1.91
sdS=620.0
fwS=1.81
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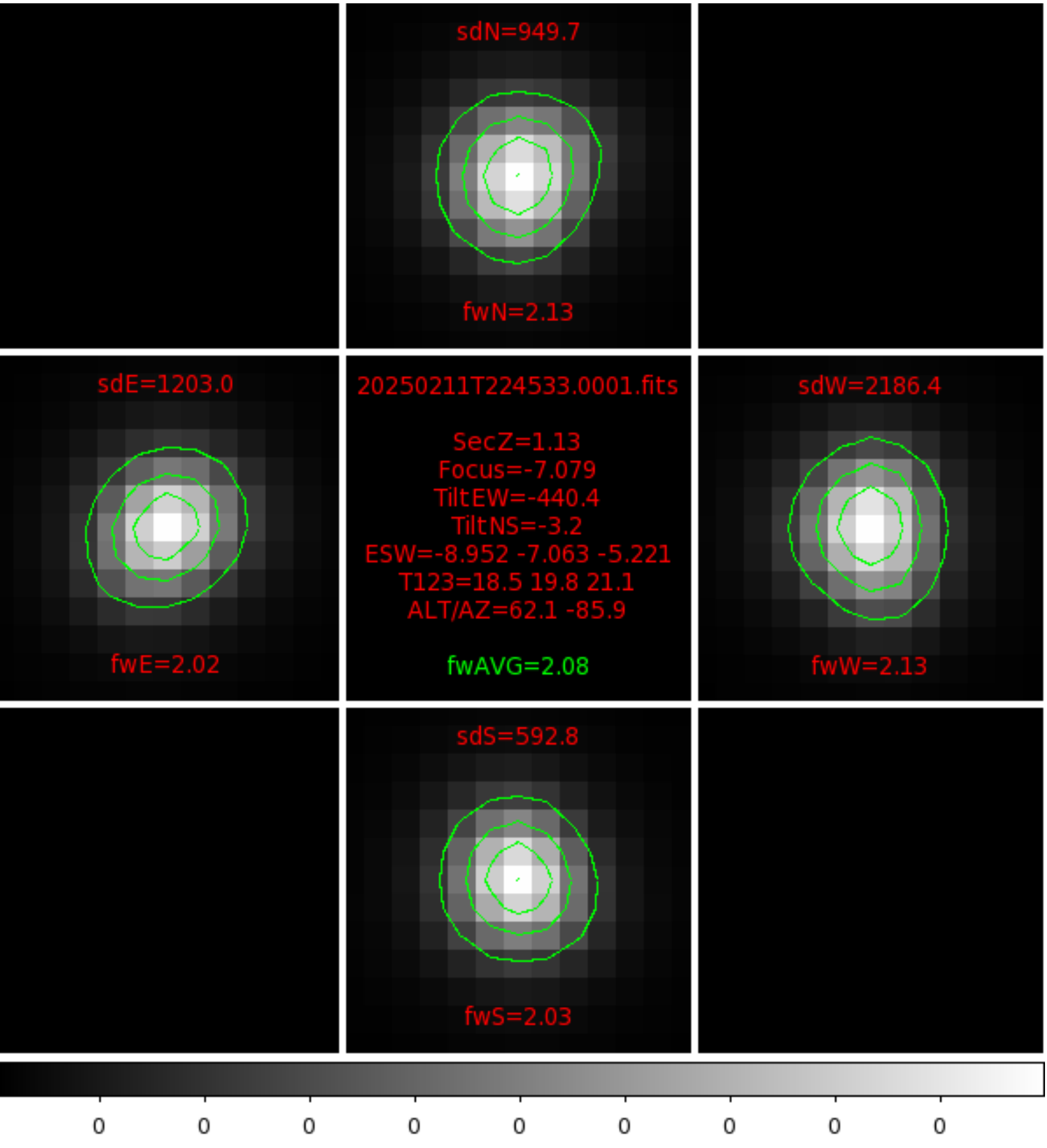
sdN=949.7
fwN=2.13
sdE=1203.0
fwE=2.02
20250211T224533.0001.fits
SecZ=1.13
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.5 19.8 21.1
ALT/AZ=62.1 -85.9
fwAVG=2.08
sdW=2186.4
fwW=2.13
sdS=592.8
fwS=2.03
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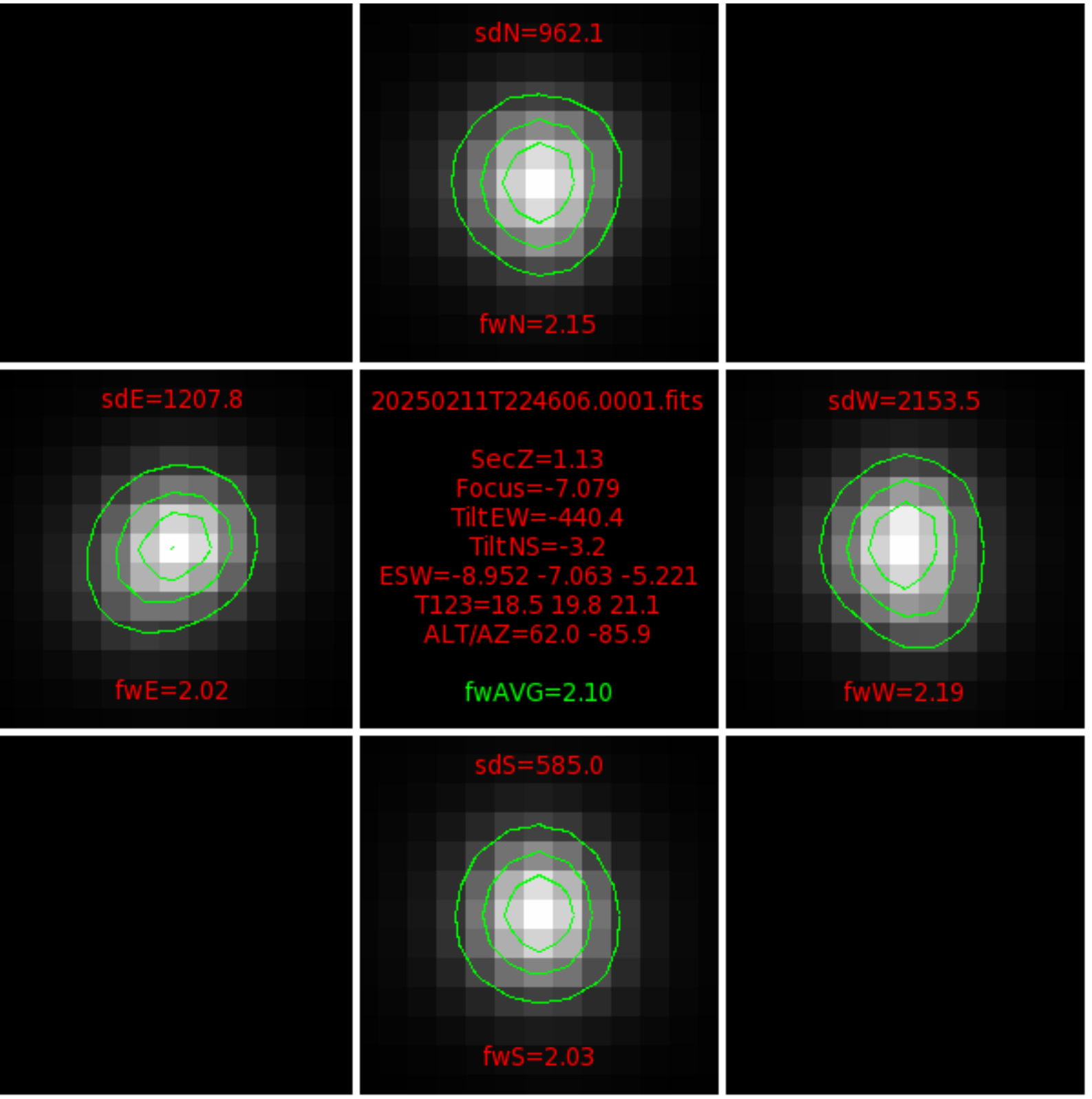
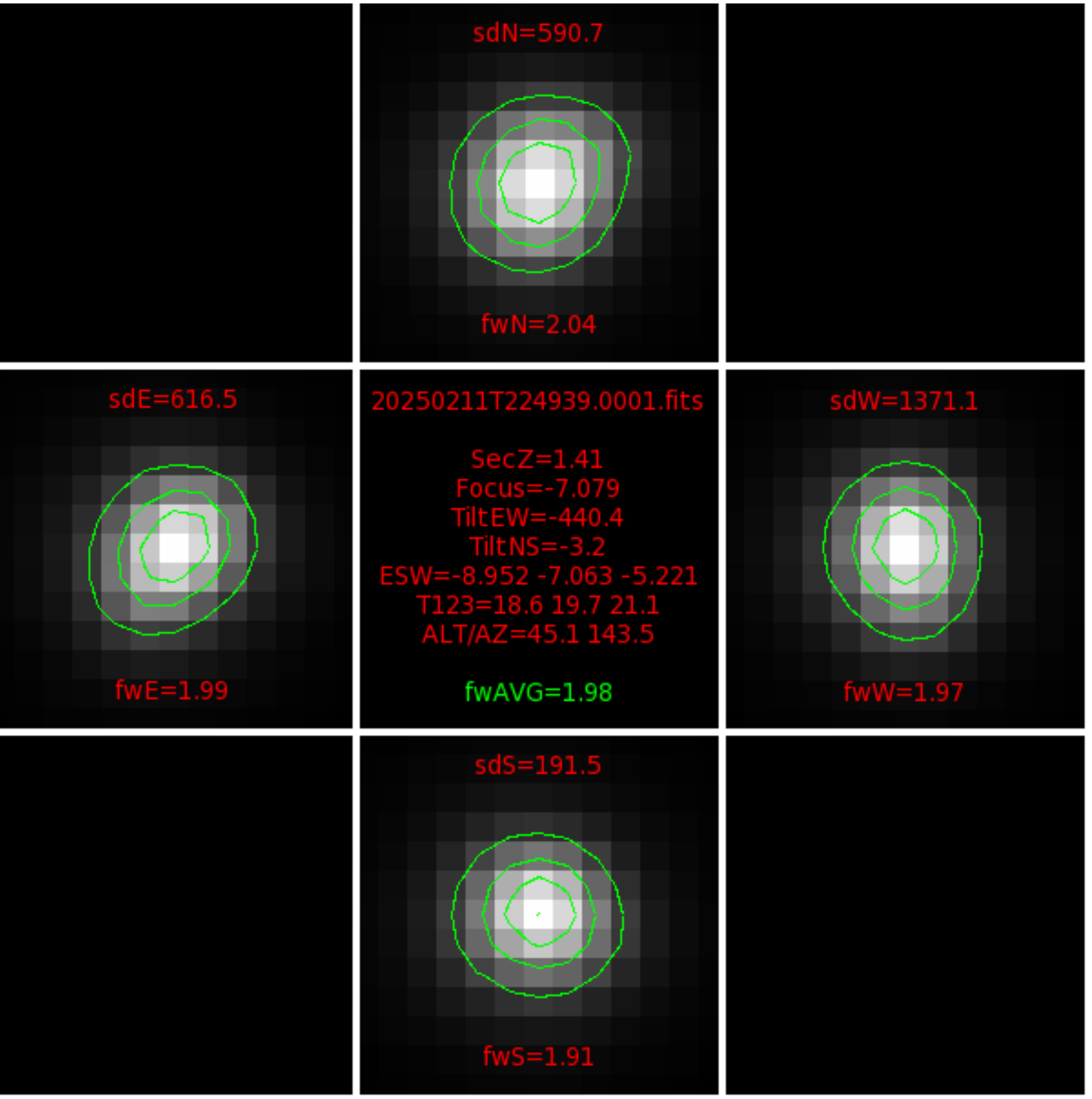
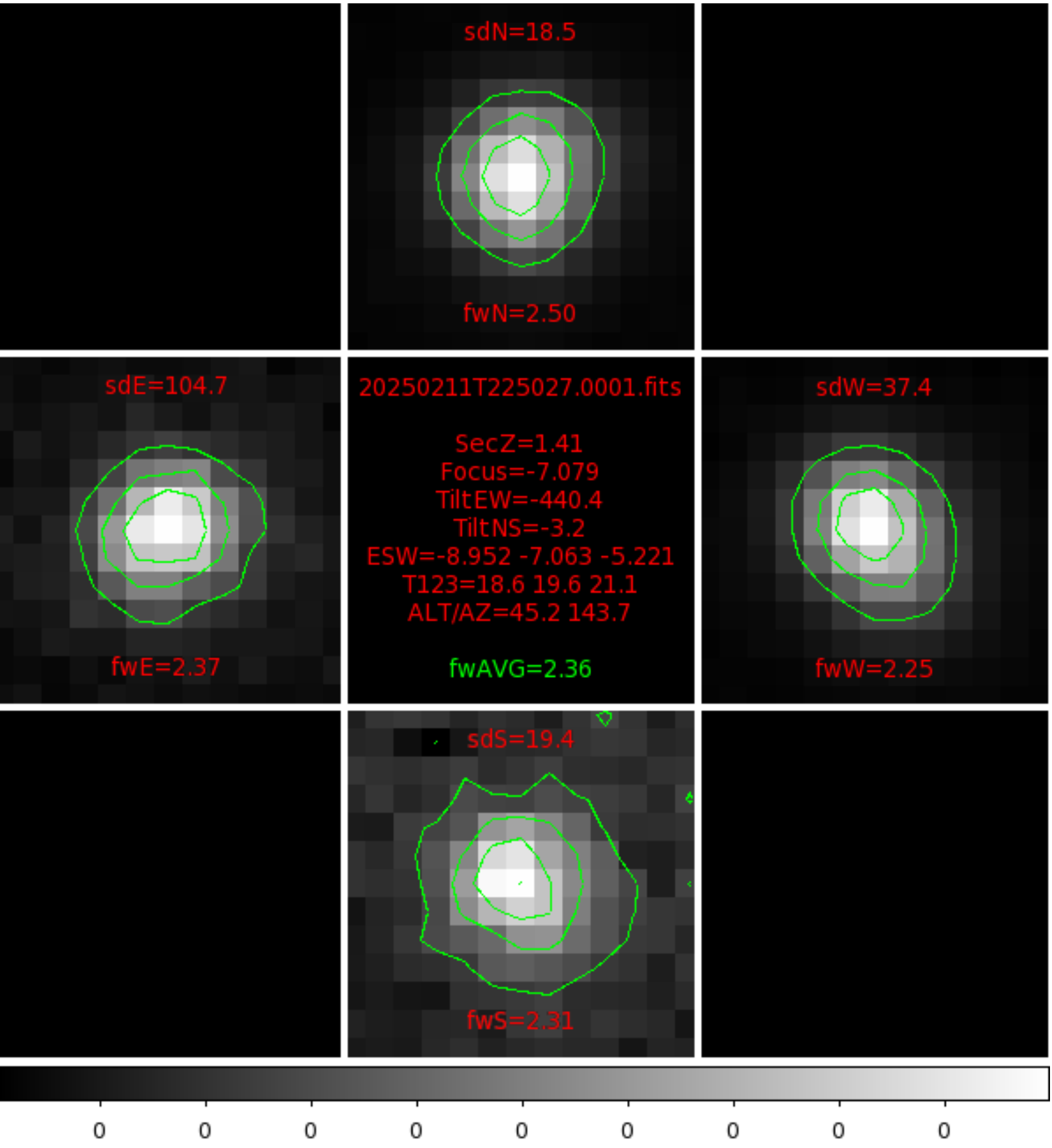

sdN=962.1
fwN=2.15
sdE=1207.8
fwE=2.02
20250211T224606.0001.fits
SecZ=1.13
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.5 19.8 21.1
ALT/AZ=62.0 -85.9
fwAVG=2.10
sdW=2153.5
fwW=2.19
sdS=585.0
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=590.7
fwN=2.04
sdE=616.5
fwE=1.99
20250211T224939.0001.fits
SecZ=1.41
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.6 19.7 21.1
ALT/AZ=45.1 143.5
fwAVG=1.98
sdW=1371.1
fwW=1.97
sdS=191.5
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=18.5
fwN=2.50
sdE=104.7
fwE=2.37
20250211T225027.0001.fits
SecZ=1.41
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.6 19.6 21.1
ALT/AZ=45.2 143.7
fwAVG=2.36
sdW=37.4
fwW=2.25
sdS=19.4
fwS=2.31
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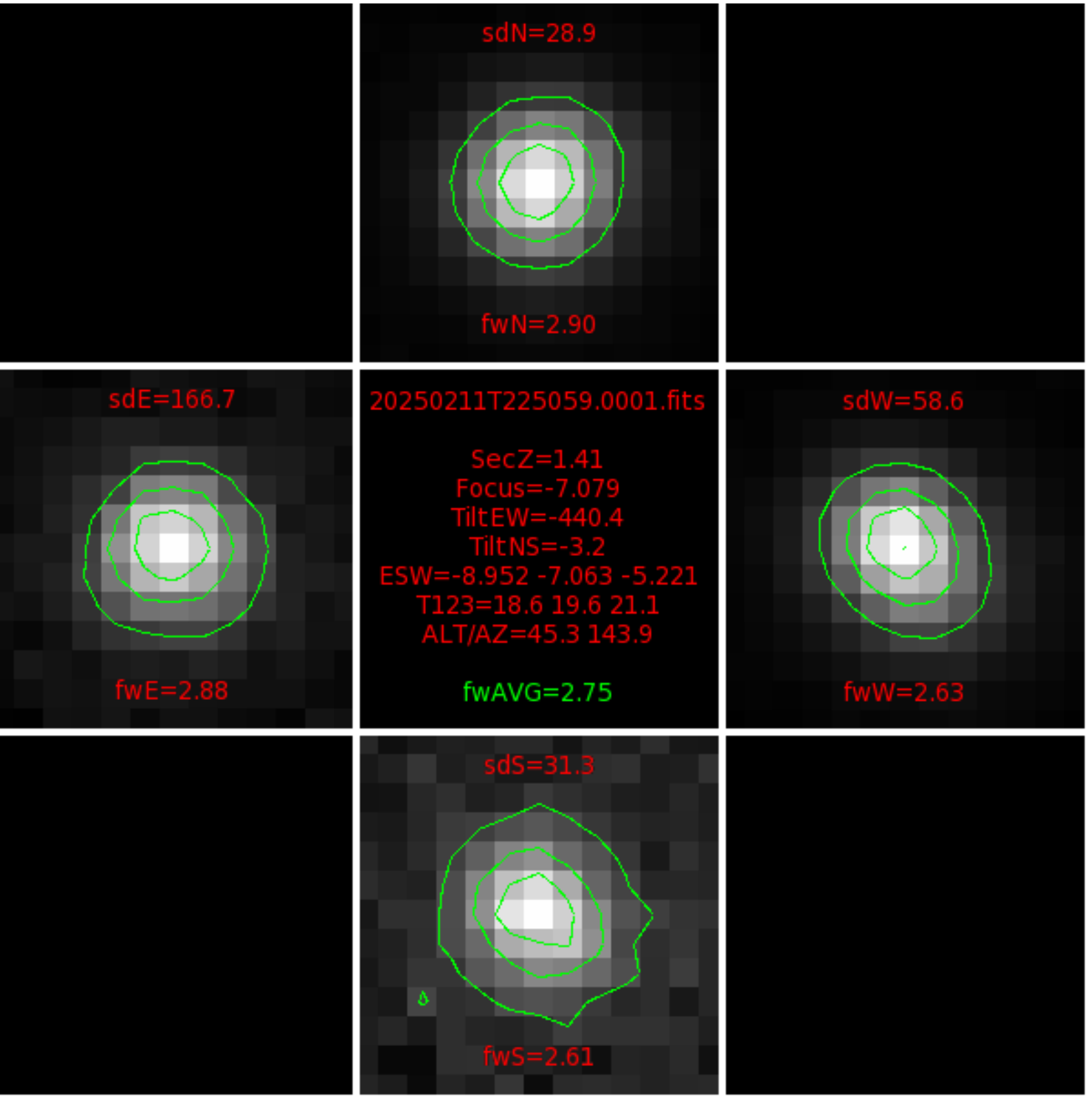
sdN=28.9
fwN=2.90
sdE=166.7
fwE=2.88
20250211T225059.0001.fits
SecZ=1.41
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.6 19.6 21.1
ALT/AZ=45.3 143.9
fwAVG=2.75
sdW=58.6
fwW=2.63
sdS=31.3
fwS=2.61
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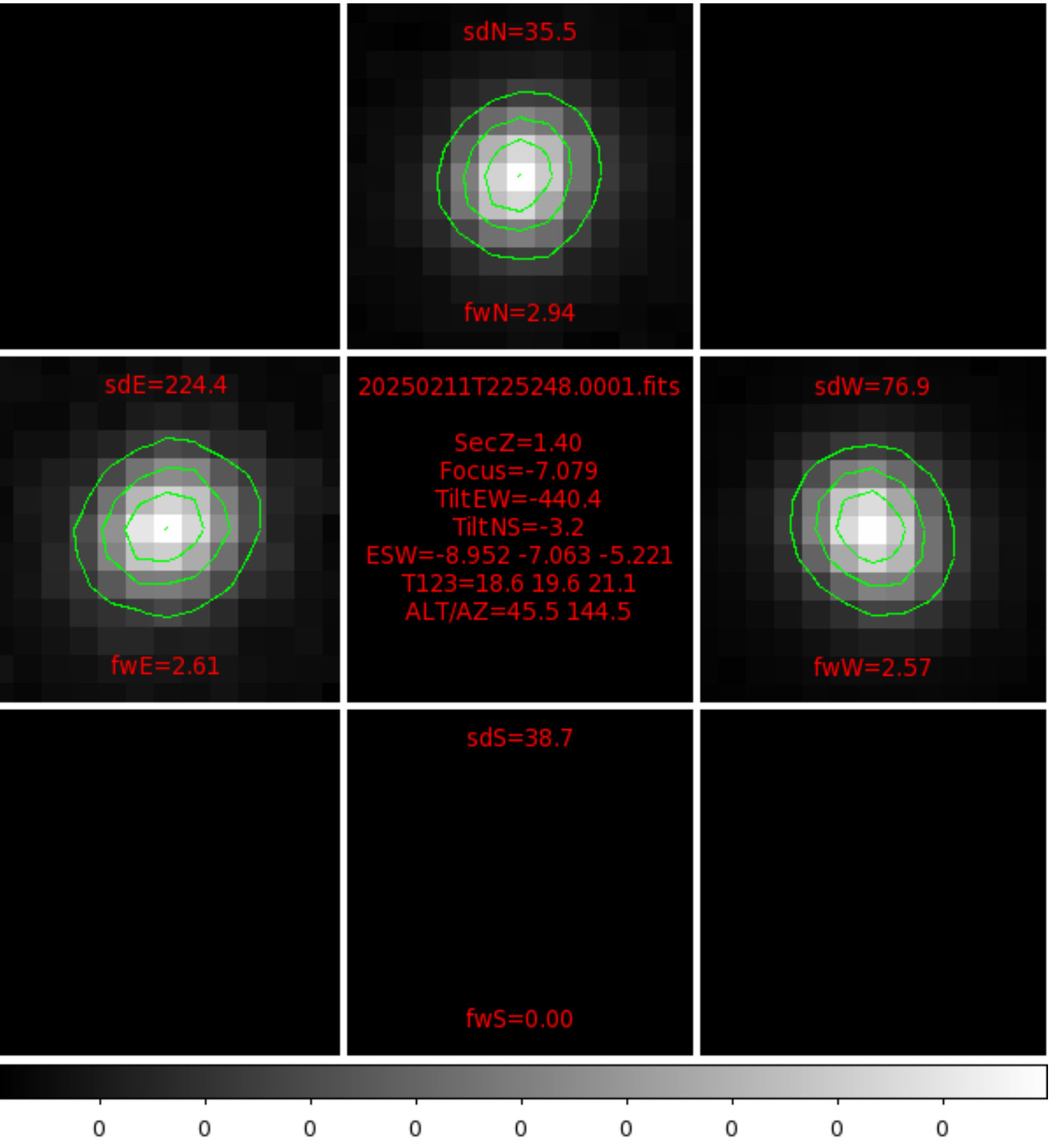
sdN=35.5
fwN=2.94
sdE=224.4
fwE=2.61
20250211T225248.0001.fits
SecZ=1.40
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.6 19.6 21.1
ALT/AZ=45.5 144.5
sdW=76.9
fwW=2.57
sdS=38.7
fwS=0.00
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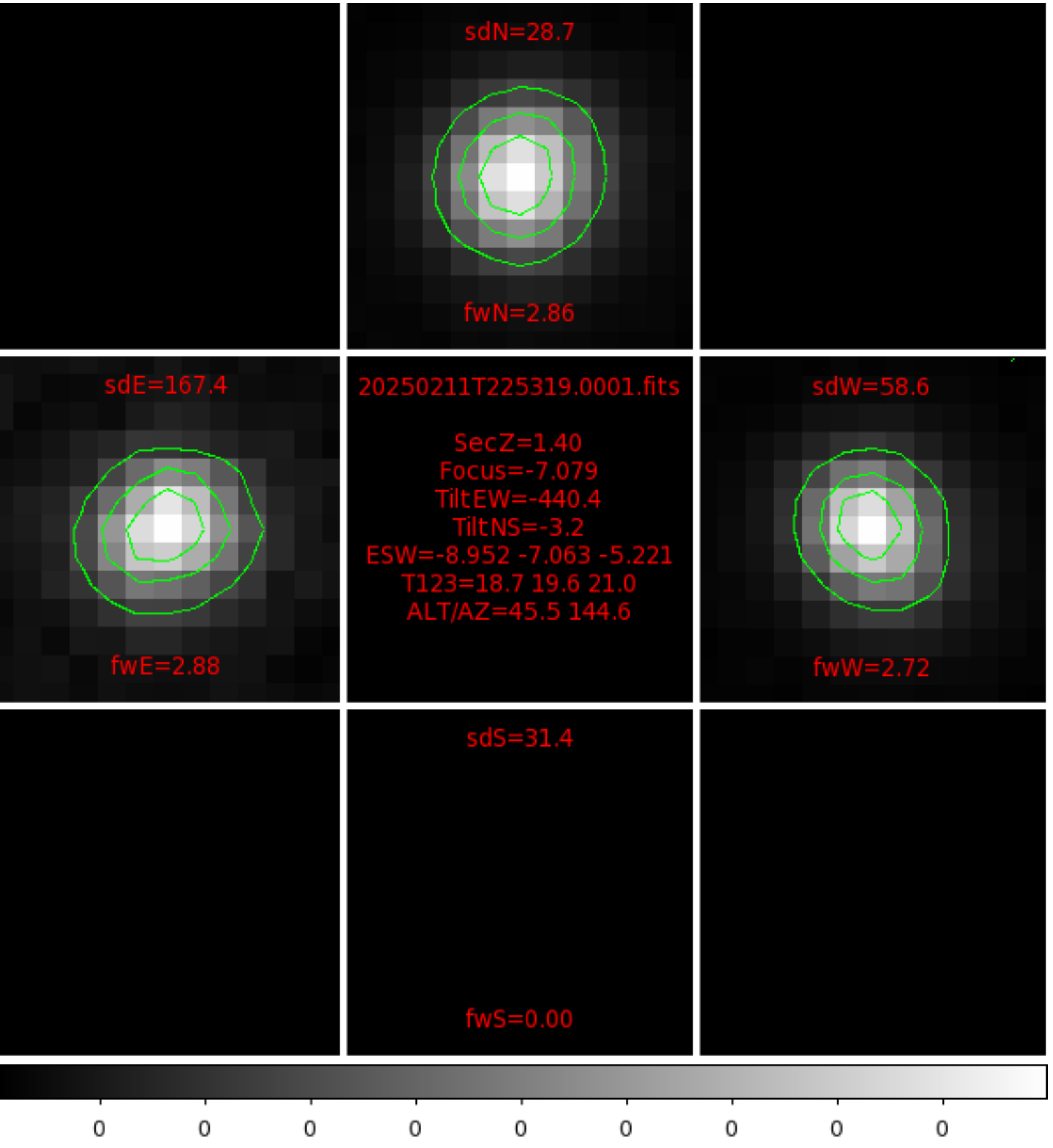
sdN=28.7
fwN=2.86
sdE=167.4
fwE=2.88
20250211T225319.0001.fits
SecZ=1.40
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.7 19.6 21.0
ALT/AZ=45.5 144.6
sdW=58.6
fwW=2.72
sdS=31.4
fwS=0.00
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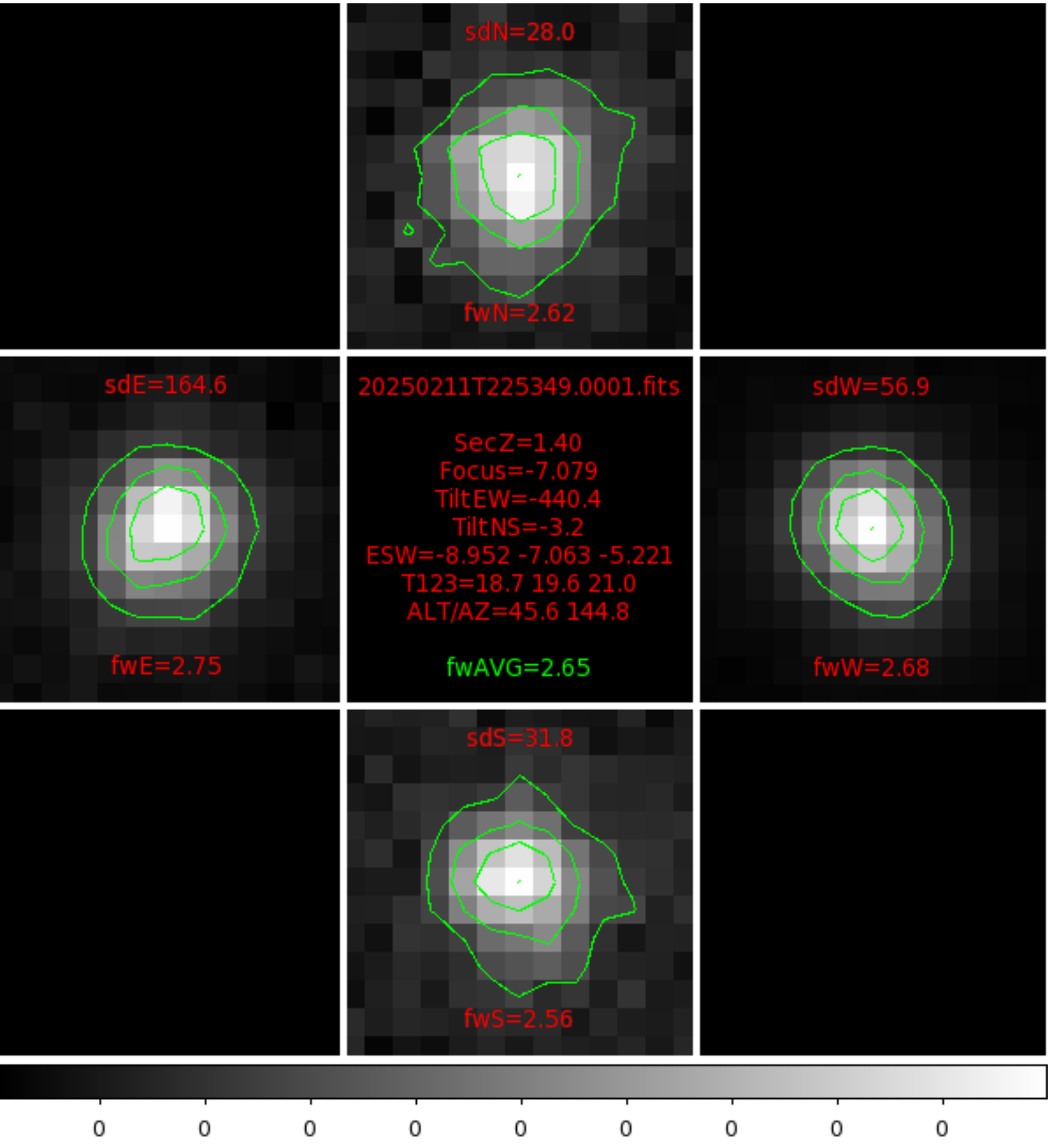
sdN=28.0
fwN=2.62
sdE=164.6
fwE=2.75
20250211T225349.0001.fits
SecZ=1.40
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.7 19.6 21.0
ALT/AZ=45.6 144.8
fwAVG=2.65
sdW=56.9
fwW=2.68
sdS=31.8
fwS=2.56
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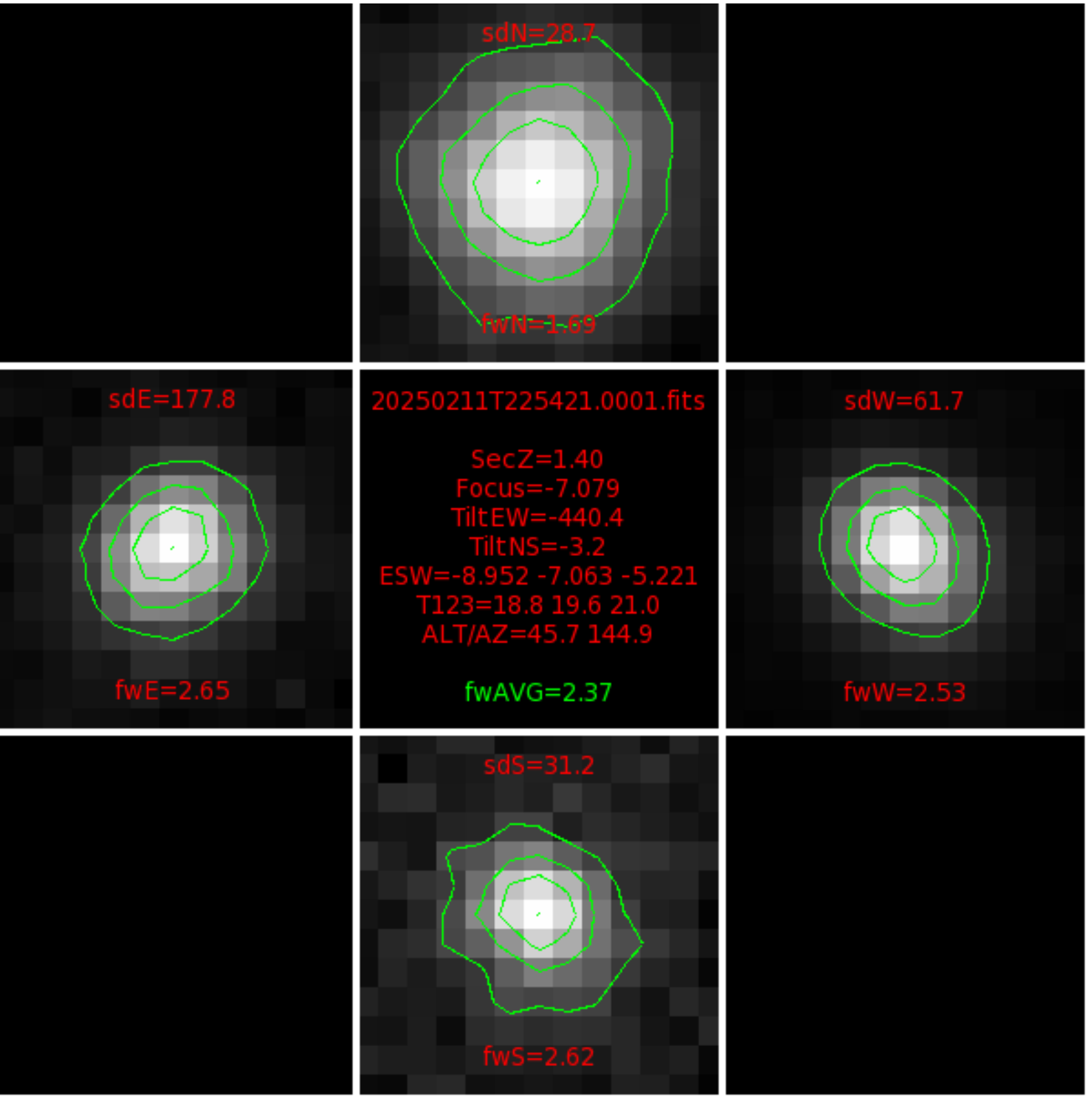
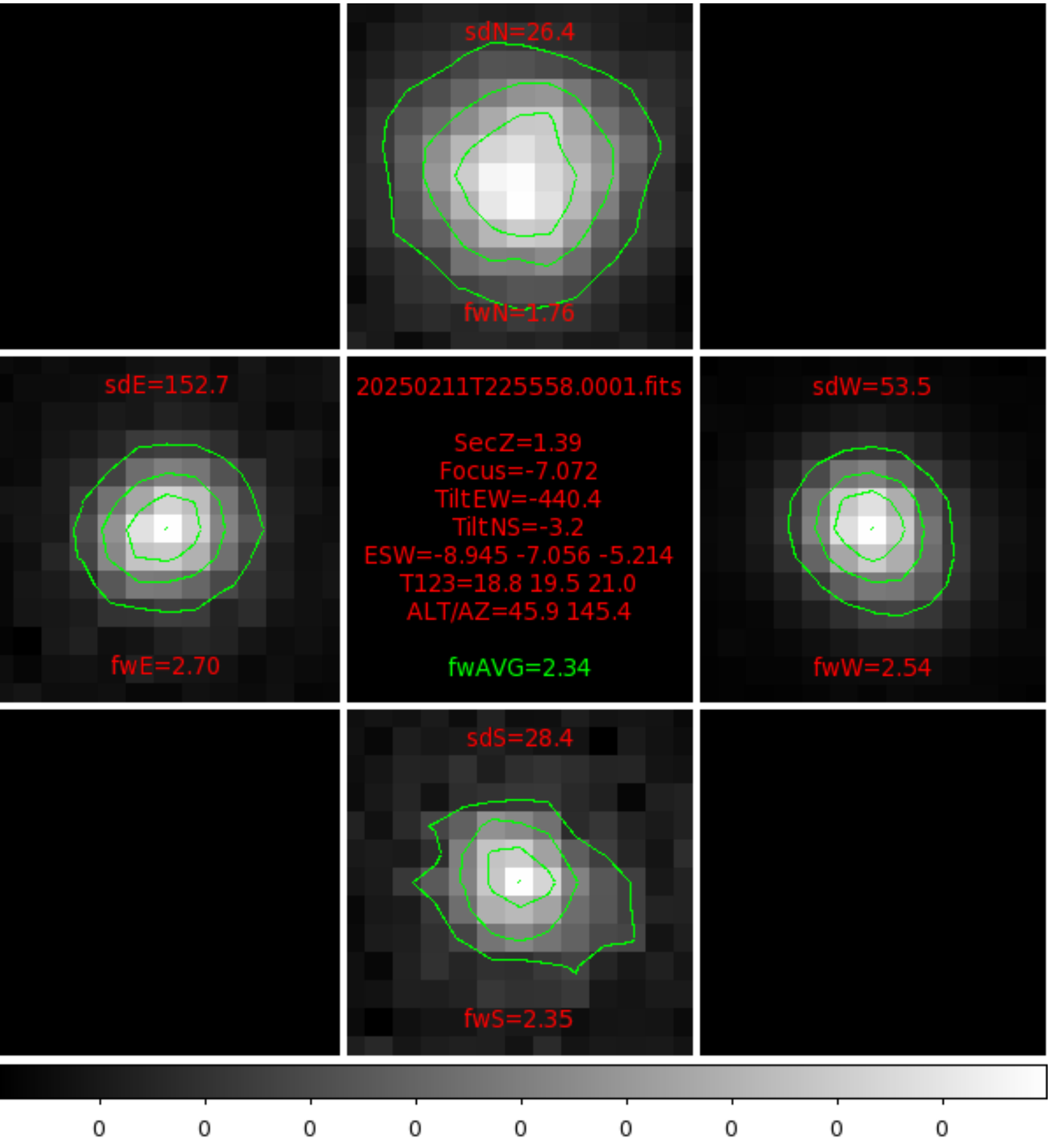

sdN=28.7
fwN=1.69
sdE=177.8
fwE=2.65
20250211T225421.0001.fits
SecZ=1.40
Focus=-7.079
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.952 -7.063 -5.221
T123=18.8 19.6 21.0
ALT/AZ=45.7 144.9
fwAVG=2.37
sdW=61.7
fwW=2.53
sdS=31.2
fwS=2.62
0 0 0 0 0 0 0 0 0


sdN=26.4
fwN=1.76
sdE=152.7
fwE=2.70
20250211T225558.0001.fits
SecZ=1.39
Focus=-7.072
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.945 -7.056 -5.214
T123=18.8 19.5 21.0
ALT/AZ=45.9 145.4
fwAVG=2.34
sdW=53.5
fwW=2.54
sdS=28.4
fwS=2.35
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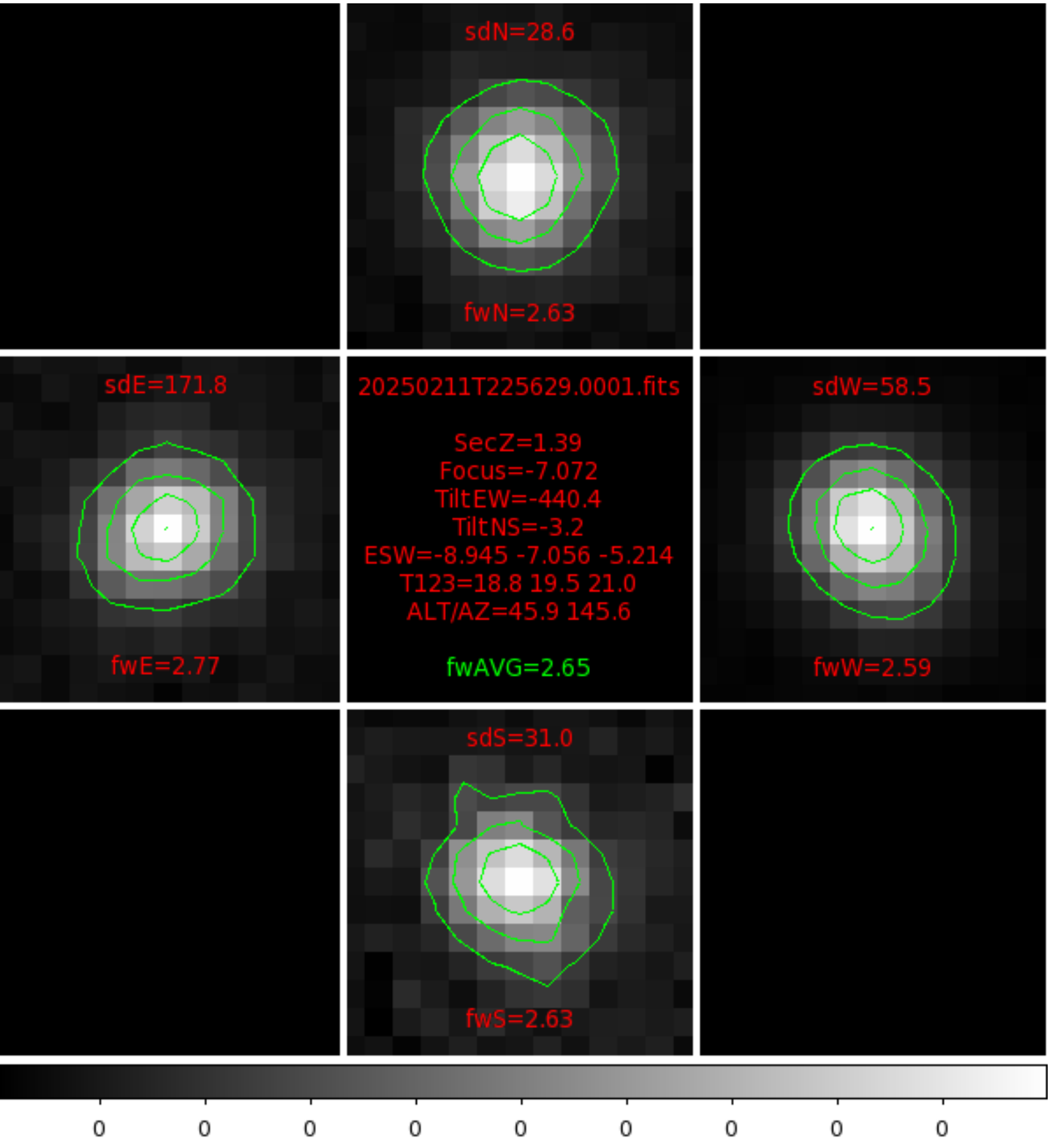
sdN=28.6
fwN=2.63
sdE=171.8
fwE=2.77
20250211T225629.0001.fits
SecZ=1.39
Focus=-7.072
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.945 -7.056 -5.214
T123=18.8 19.5 21.0
ALT/AZ=45.9 145.6
fwAVG=2.65
sdW=58.5
fwW=2.59
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fwS=2.63
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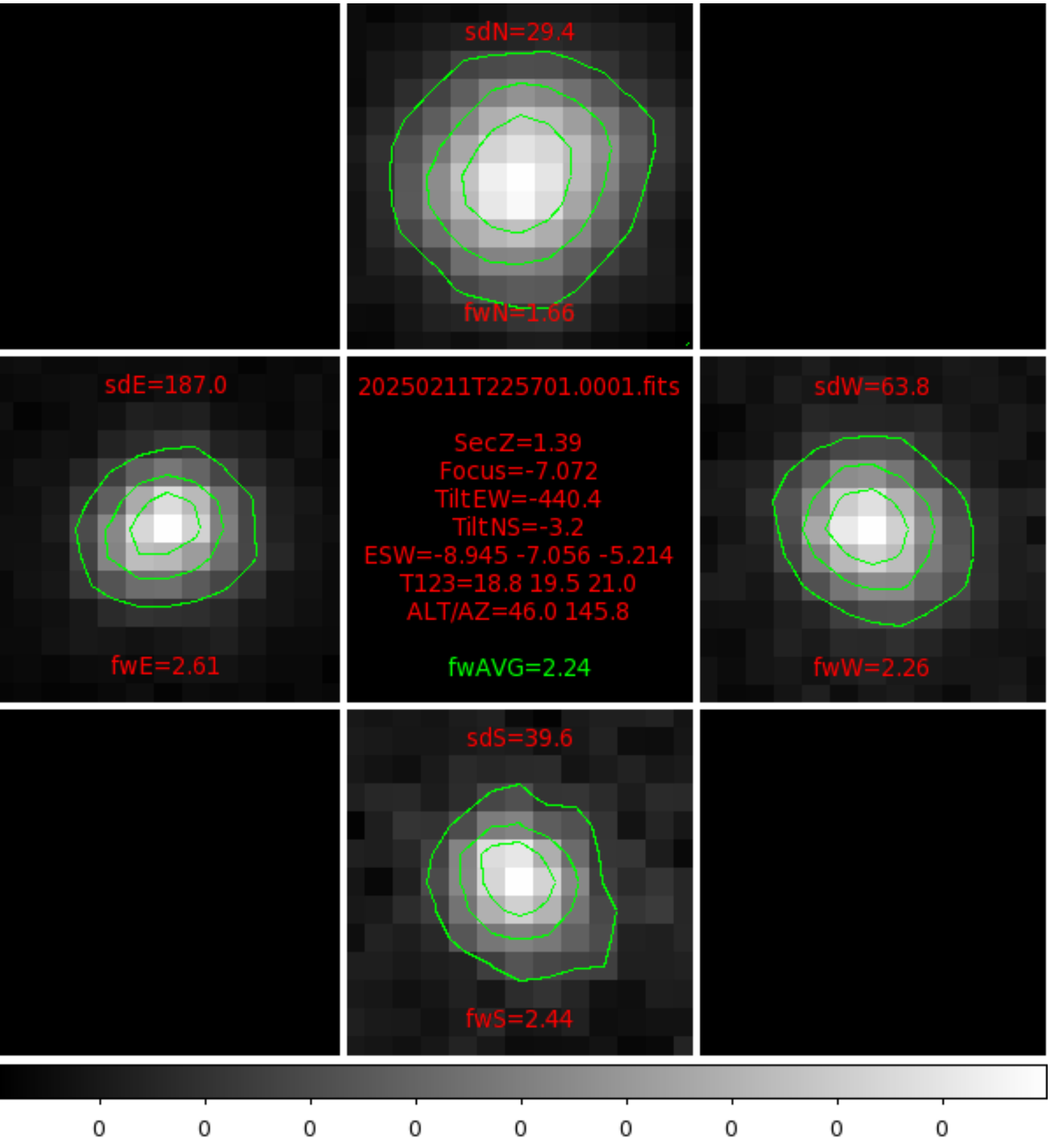
sdN=29.4
fwN=1.66
sdE=187.0
fwE=2.61
20250211T225701.0001.fits
SecZ=1.39
Focus=-7.072
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.945 -7.056 -5.214
T123=18.8 19.5 21.0
ALT/AZ=46.0 145.8
fwAVG=2.24
sdW=63.8
fwW=2.26
sdS=39.6
fwS=2.44
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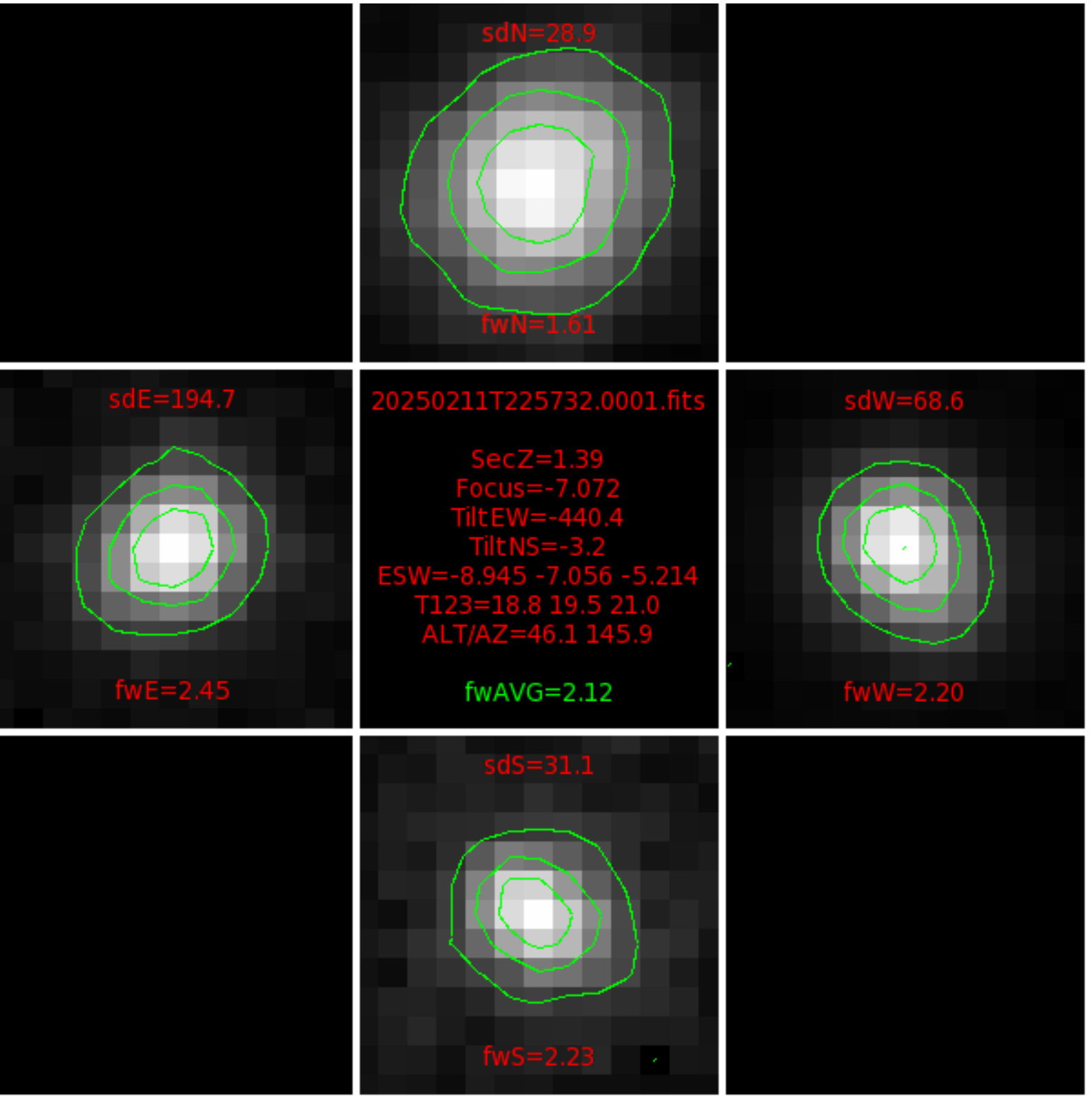
sdN=28.9
fwN=1.61
sdE=194.7
fwE=2.45
20250211T225732.0001.fits
SecZ=1.39
Focus=-7.072
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.945 -7.056 -5.214
T123=18.8 19.5 21.0
ALT/AZ=46.1 145.9
fwAVG=2.12
sdW=68.6
fwW=2.20
sdS=31.1
fwS=2.23
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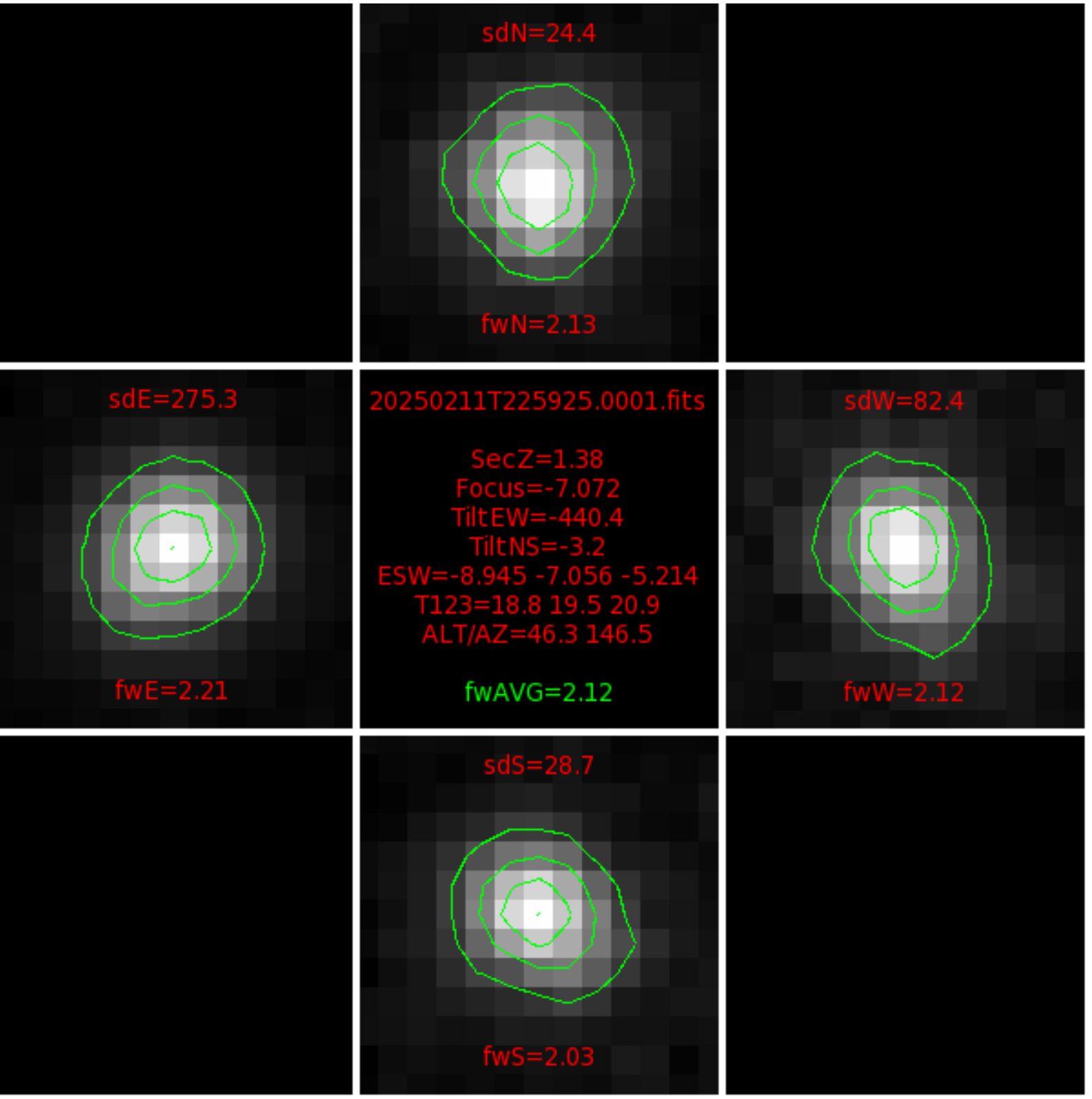
sdN=24.4
fwN=2.13
sdE=275.3
fwE=2.21
20250211T225925.0001.fits
SecZ=1.38
Focus=-7.072
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.945 -7.056 -5.214
T123=18.8 19.5 20.9
ALT/AZ=46.3 146.5
fwAVG=2.12
sdW=82.4
fwW=2.12
sdS=28.7
fwS=2.03
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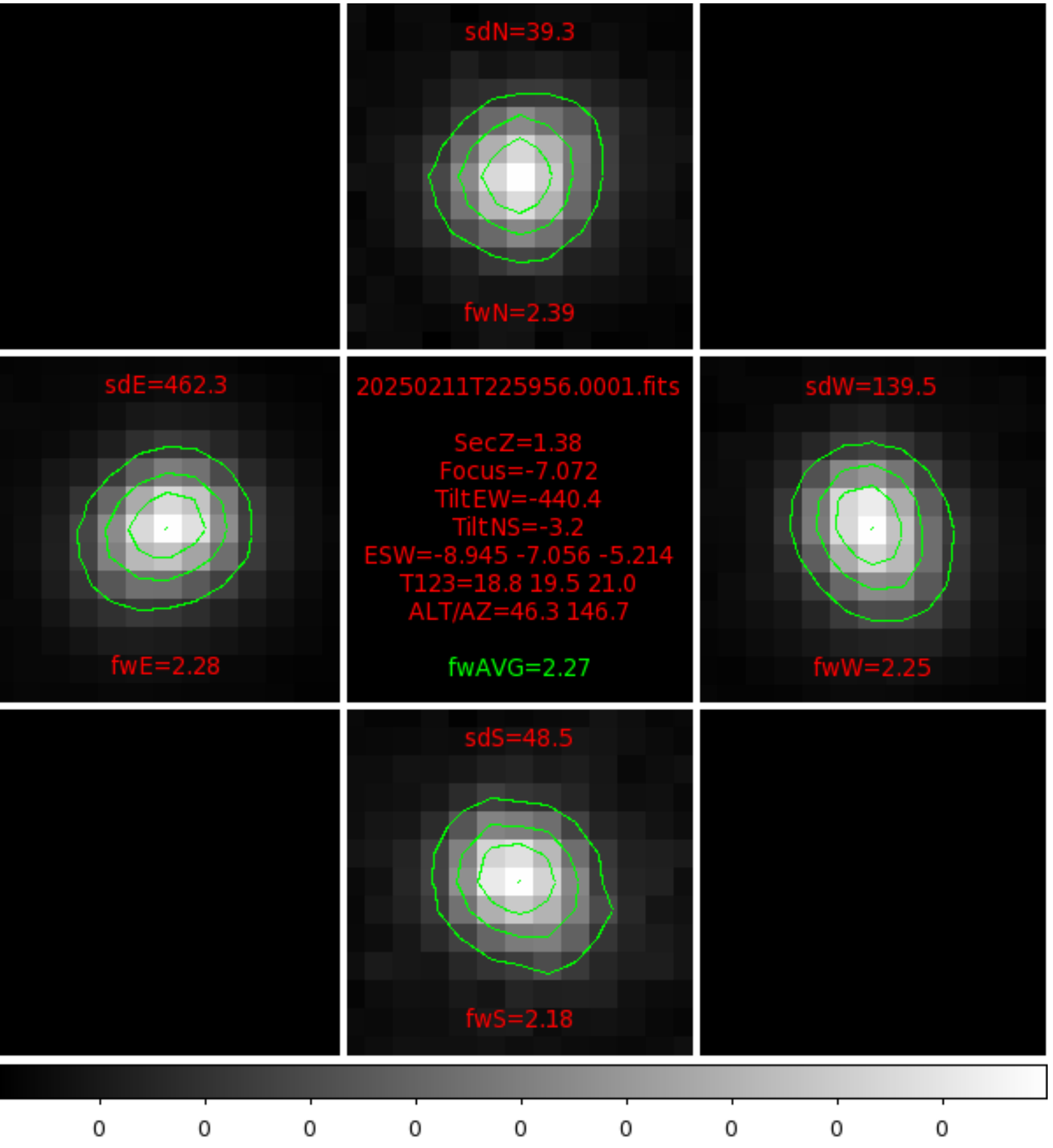
sdN=39.3
fwN=2.39
sdE=462.3
fwE=2.28
20250211T225956.0001.fits
SecZ=1.38
Focus=-7.072
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.945 -7.056 -5.214
T123=18.8 19.5 21.0
ALT/AZ=46.3 146.7
fwAVG=2.27
sdW=139.5
fwW=2.25
sdS=48.5
fwS=2.18
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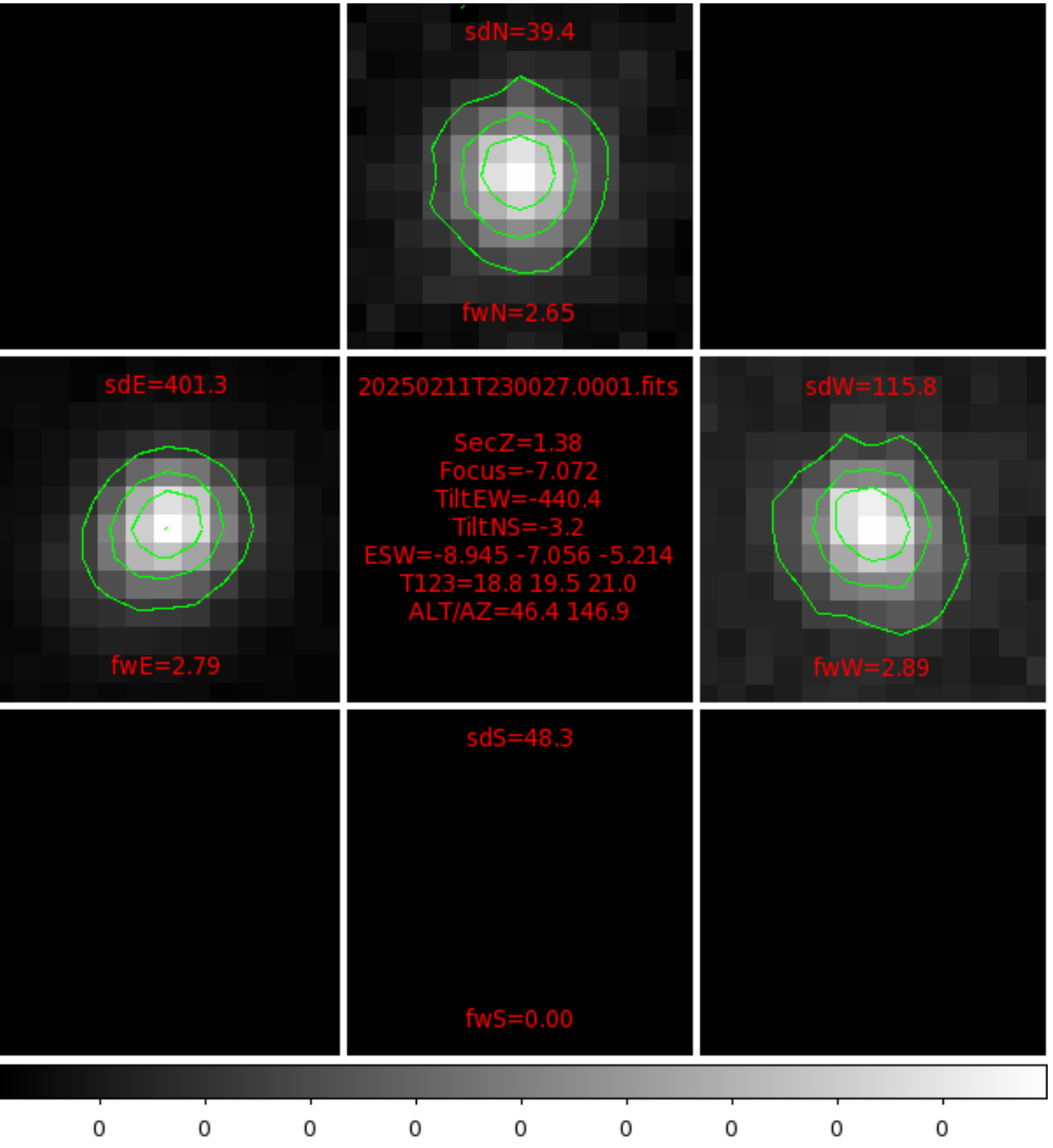
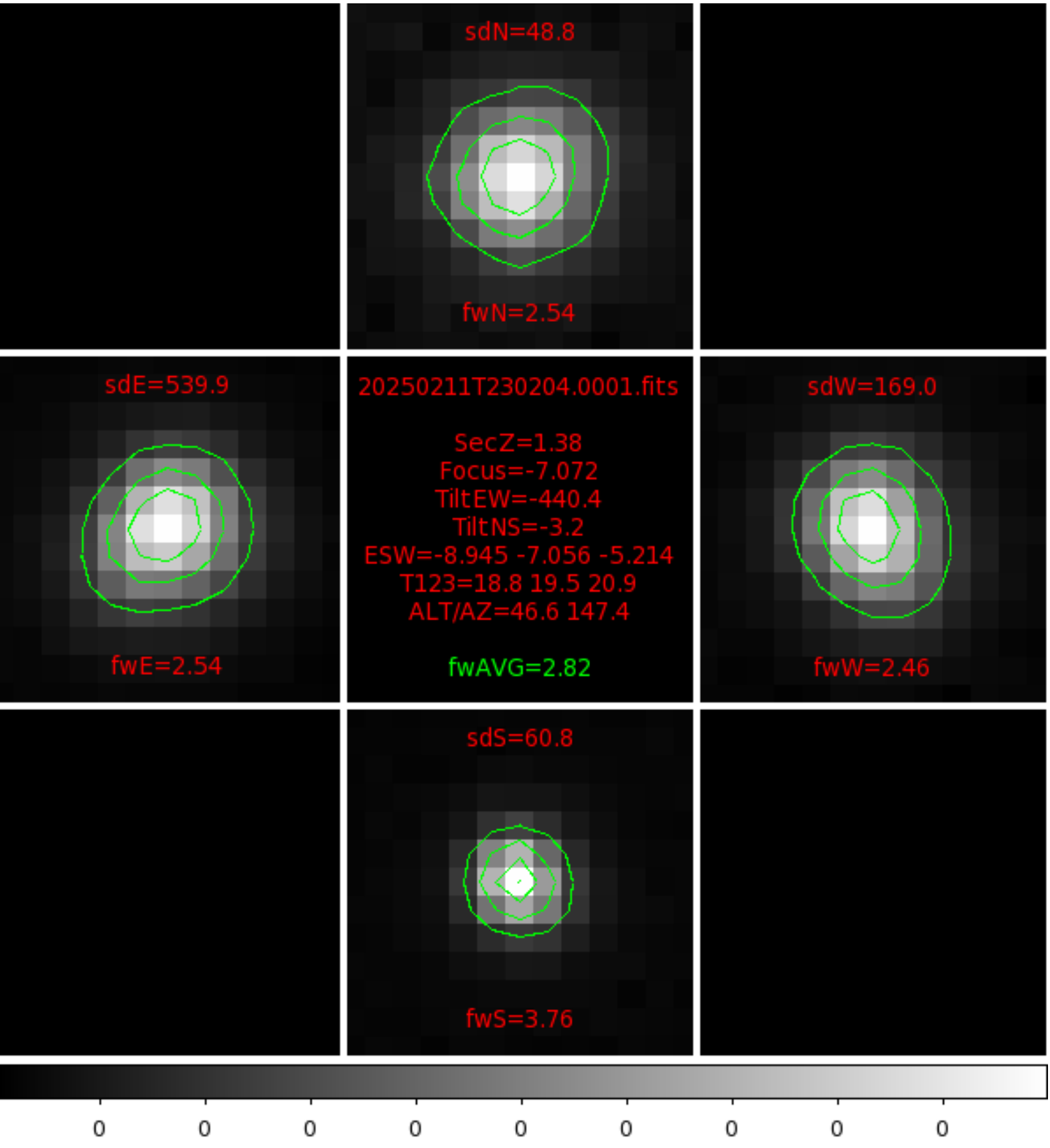
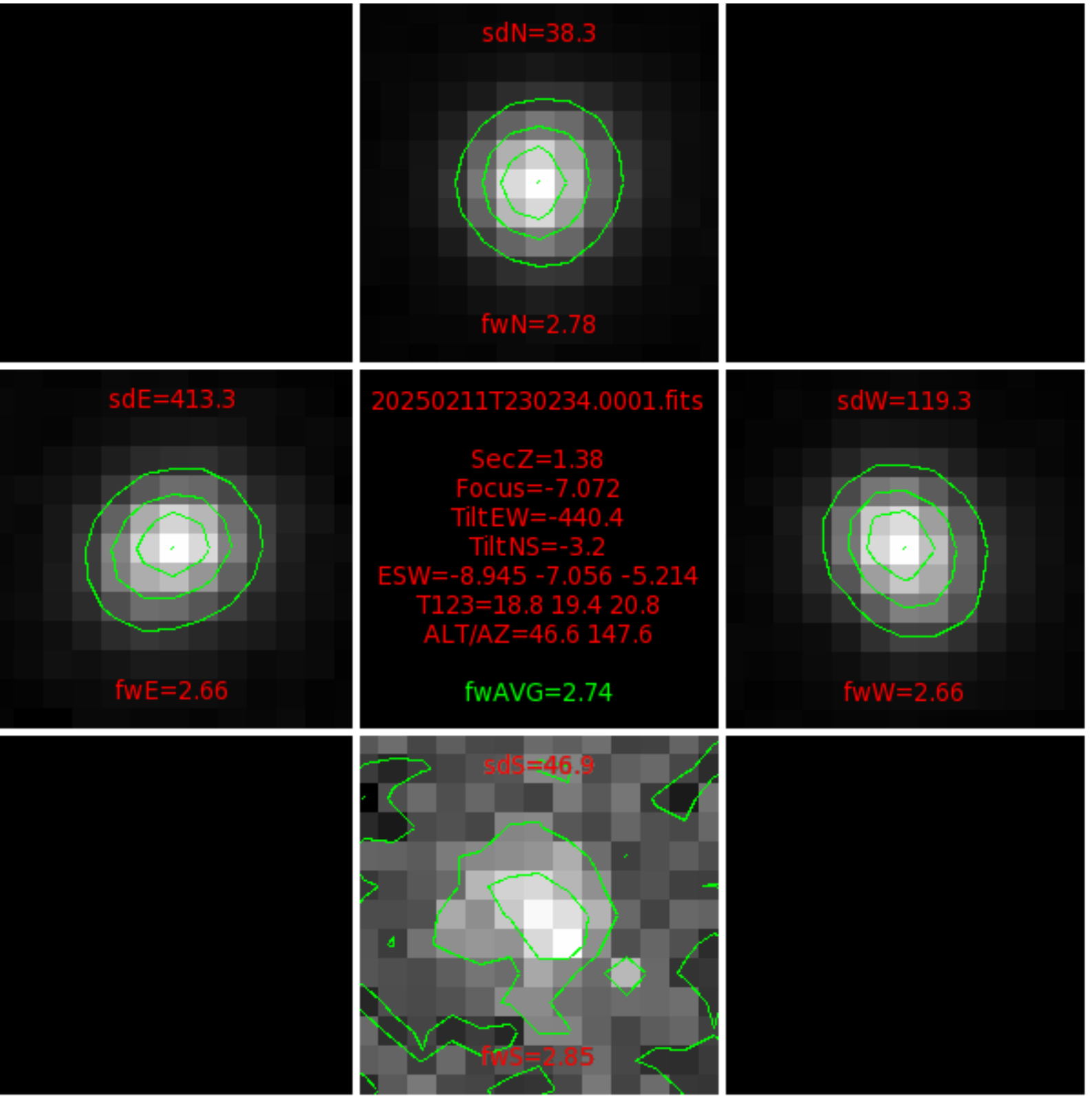
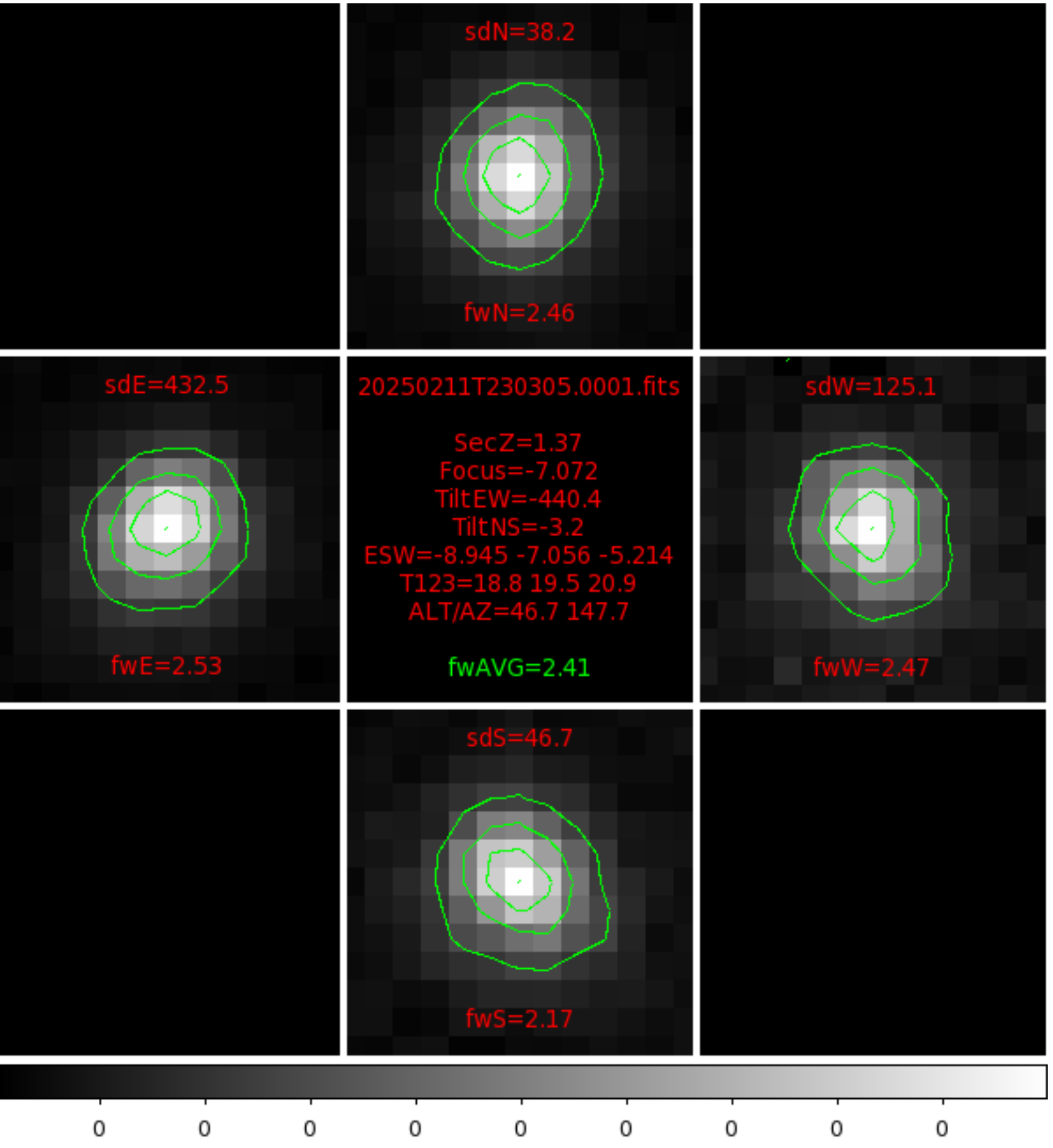

sdN=39.4
fwN=2.65
sdE=401.3
fwE=2.79
20250211T230027.0001.fits
SecZ=1.38
Focus=-7.072
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.945 -7.056 -5.214
T123=18.8 19.5 21.0
ALT/AZ=46.4 146.9
sdW=115.8
fwW=2.89
sdS=48.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=48.8
fwN=2.54
sdE=539.9
fwE=2.54
20250211T230204.0001.fits
SecZ=1.38
Focus=-7.072
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.945 -7.056 -5.214
T123=18.8 19.5 20.9
ALT/AZ=46.6 147.4
fwAVG=2.82
sdW=169.0
fwW=2.46
sdS=60.8
fwS=3.76
0 0 0 0 0 0 0 0 0


sdN=38.3
fwN=2.78
sdE=413.3
fwE=2.66
20250211T230234.0001.fits
SecZ=1.38
Focus=-7.072
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.945 -7.056 -5.214
T123=18.8 19.4 20.8
ALT/AZ=46.6 147.6
fwAVG=2.74
sdW=119.3
fwW=2.66
sdS=46.9
fwS=2.85
0 0 0 0 0 0 0 0 0


sdN=38.2
fwN=2.46
sdE=432.5
fwE=2.53
20250211T230305.0001.fits
SecZ=1.37
Focus=-7.072
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.945 -7.056 -5.214
T123=18.8 19.5 20.9
ALT/AZ=46.7 147.7
fwAVG=2.41
sdW=125.1
fwW=2.47
sdS=46.7
fwS=2.17
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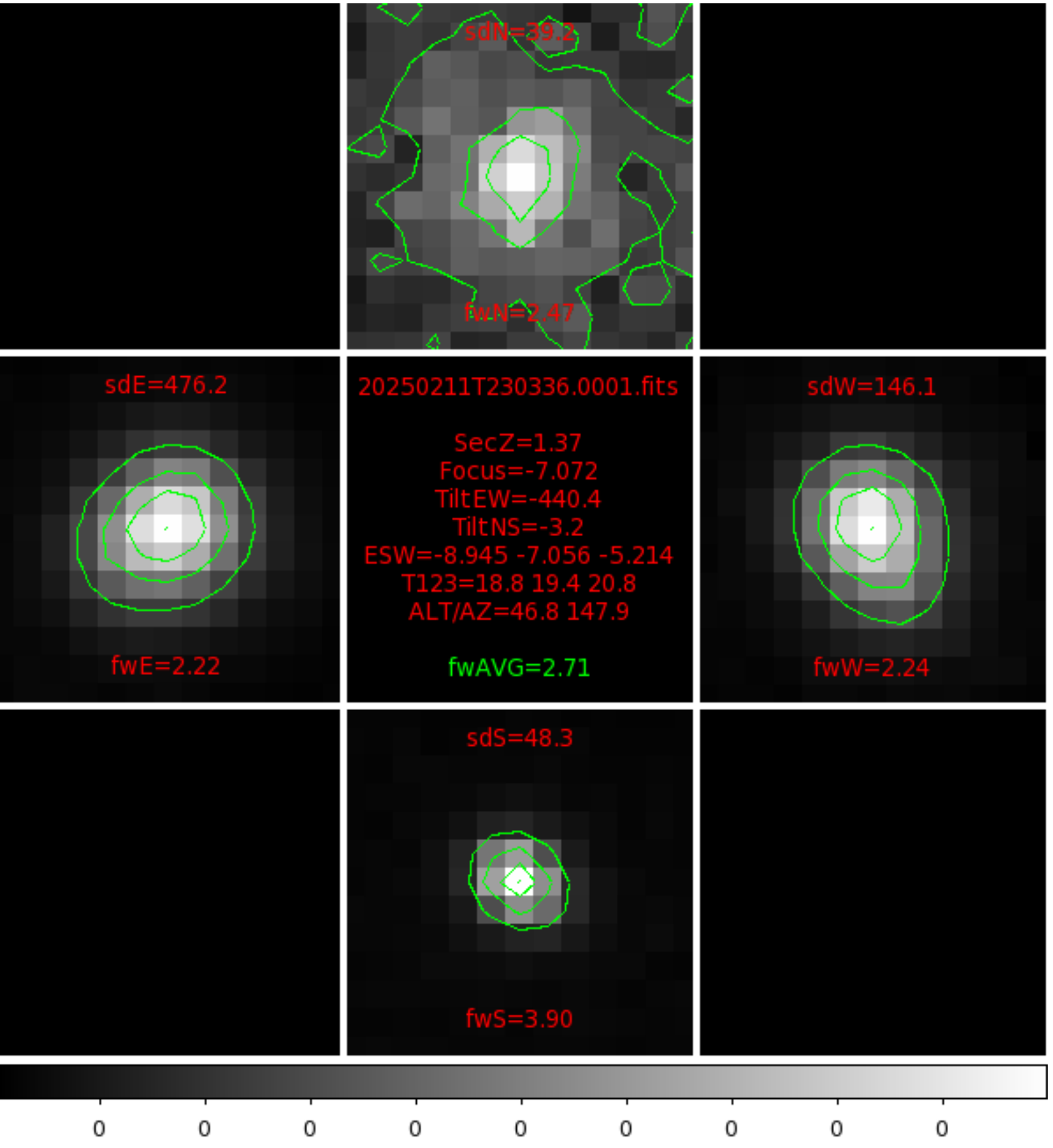
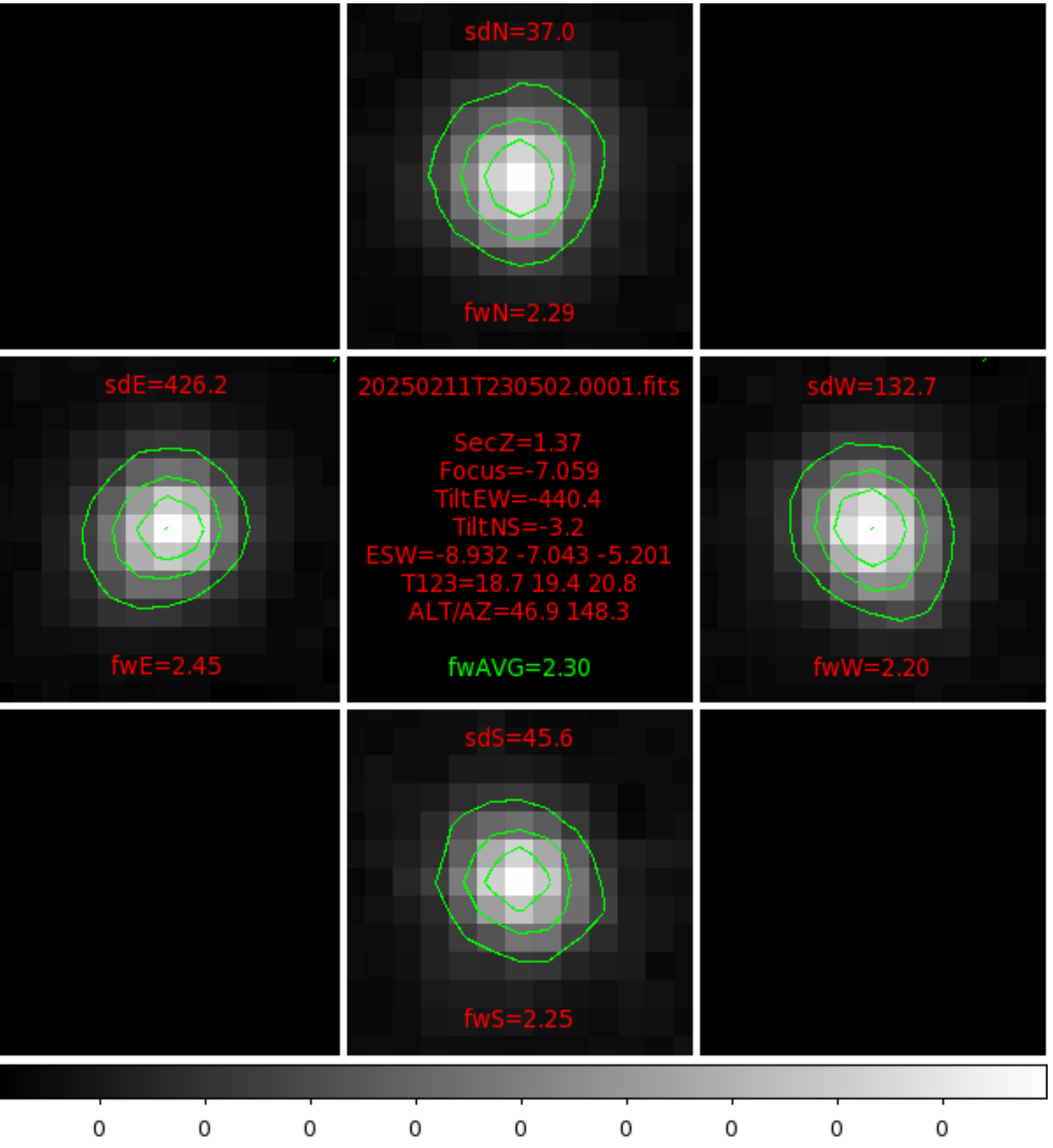
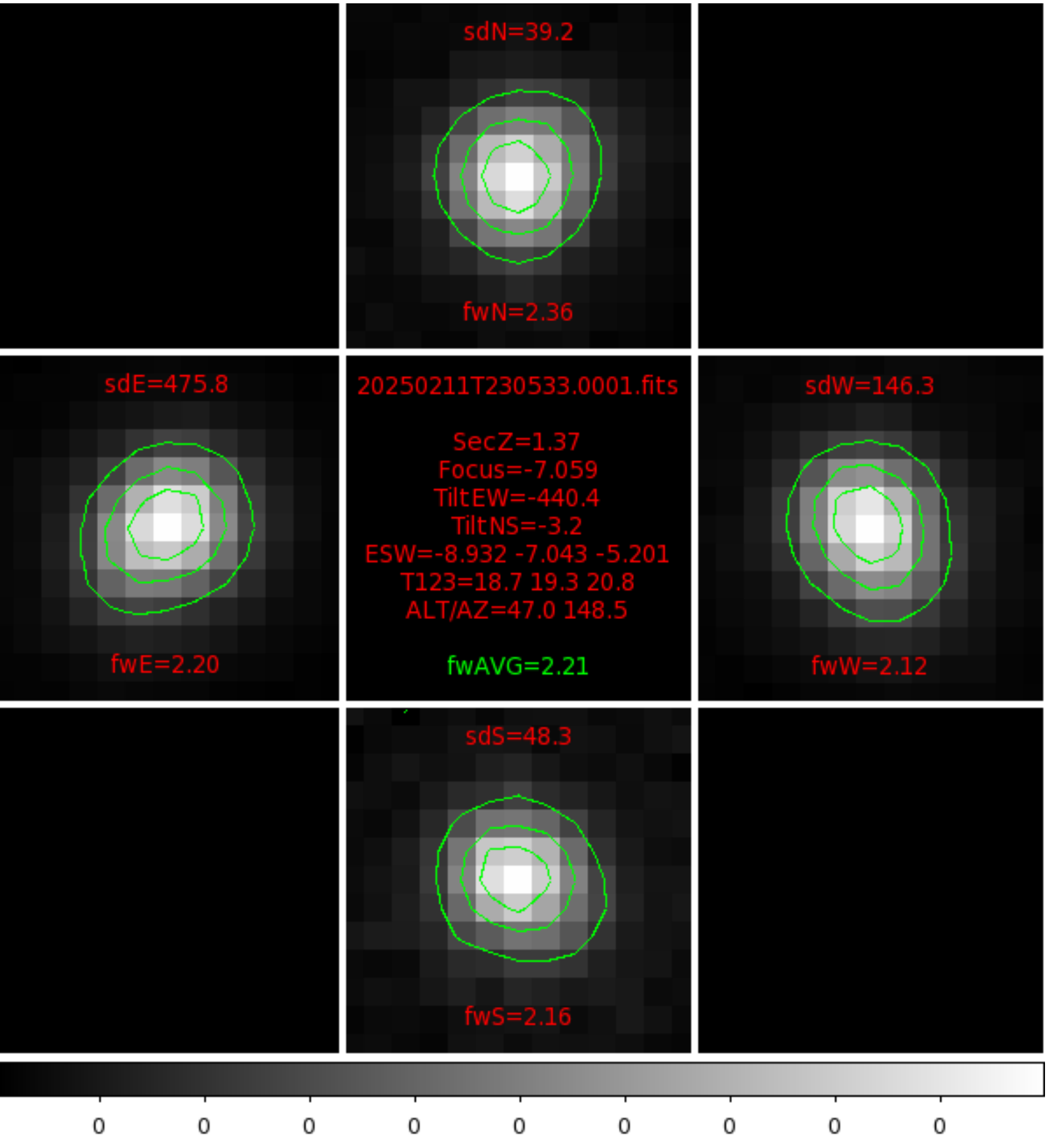
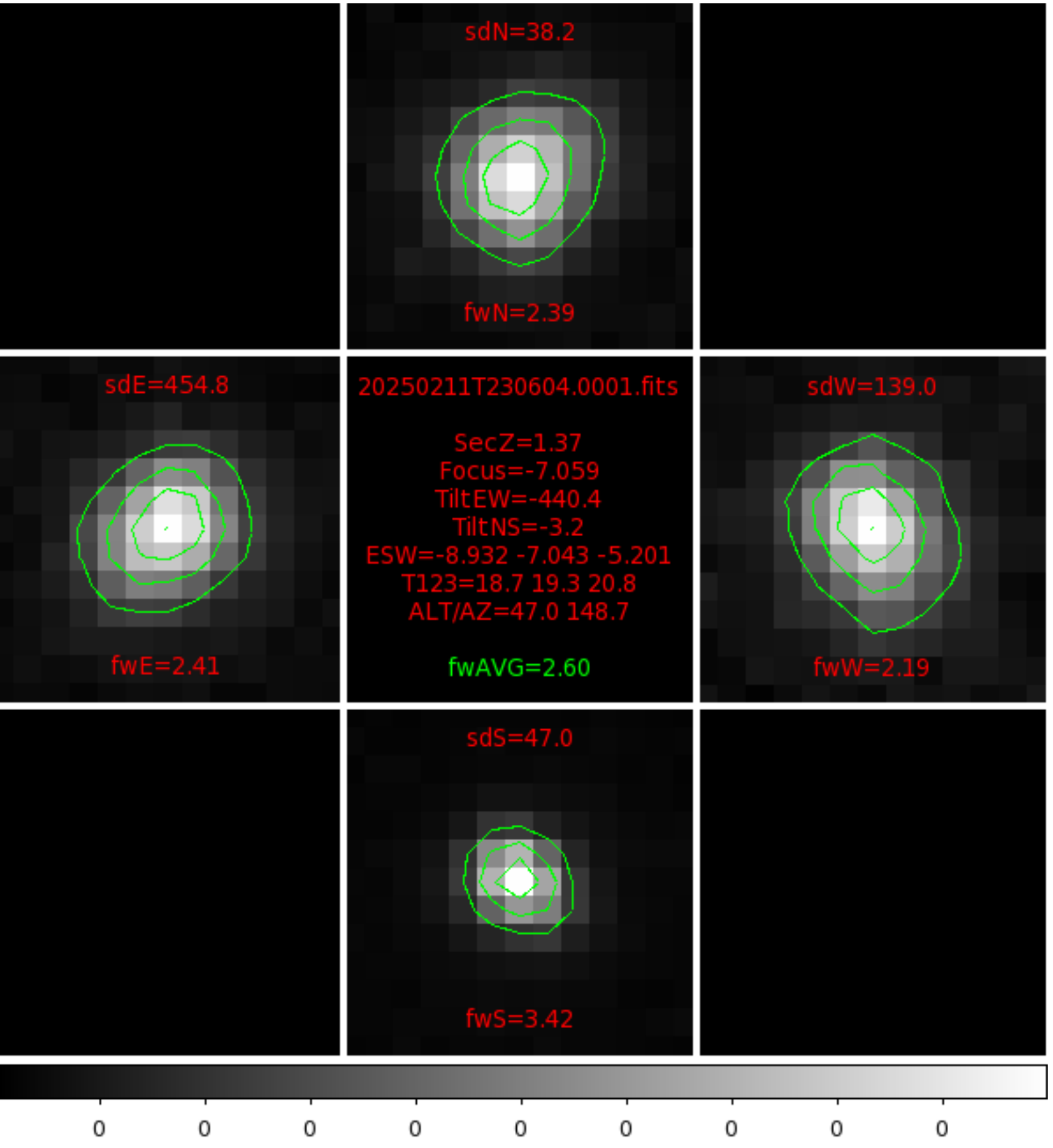

sdN=39.2
fwN=2.47
sdE=476.2
20250211T230336.0001.fits
SecZ=1.37
Focus=-7.072
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.945 -7.056 -5.214
T123=18.8 19.4 20.8
ALT/AZ=46.8 147.9
fwAVG=2.71
sdW=146.1
fwE=2.22
fwW=2.24
sdS=48.3
fwS=3.90
0 0 0 0 0 0 0 0 0


sdN=37.0
fwN=2.29
sdE=426.2
fwE=2.45
20250211T230502.0001.fits
SecZ=1.37
Focus=-7.059
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.932 -7.043 -5.201
T123=18.7 19.4 20.8
ALT/AZ=46.9 148.3
fwAVG=2.30
sdW=132.7
fwW=2.20
sdS=45.6
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=39.2
fwN=2.36
sdE=475.8
fwE=2.20
20250211T230533.0001.fits
SecZ=1.37
Focus=-7.059
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.932 -7.043 -5.201
T123=18.7 19.3 20.8
ALT/AZ=47.0 148.5
fwAVG=2.21
sdW=146.3
fwW=2.12
sdS=48.3
fwS=2.16
0 0 0 0 0 0 0 0 0


sdN=38.2
fwN=2.39
sdE=454.8
fwE=2.41
20250211T230604.0001.fits
SecZ=1.37
Focus=-7.059
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.932 -7.043 -5.201
T123=18.7 19.3 20.8
ALT/AZ=47.0 148.7
fwAVG=2.60
sdW=139.0
fwW=2.19
sdS=47.0
fwS=3.42
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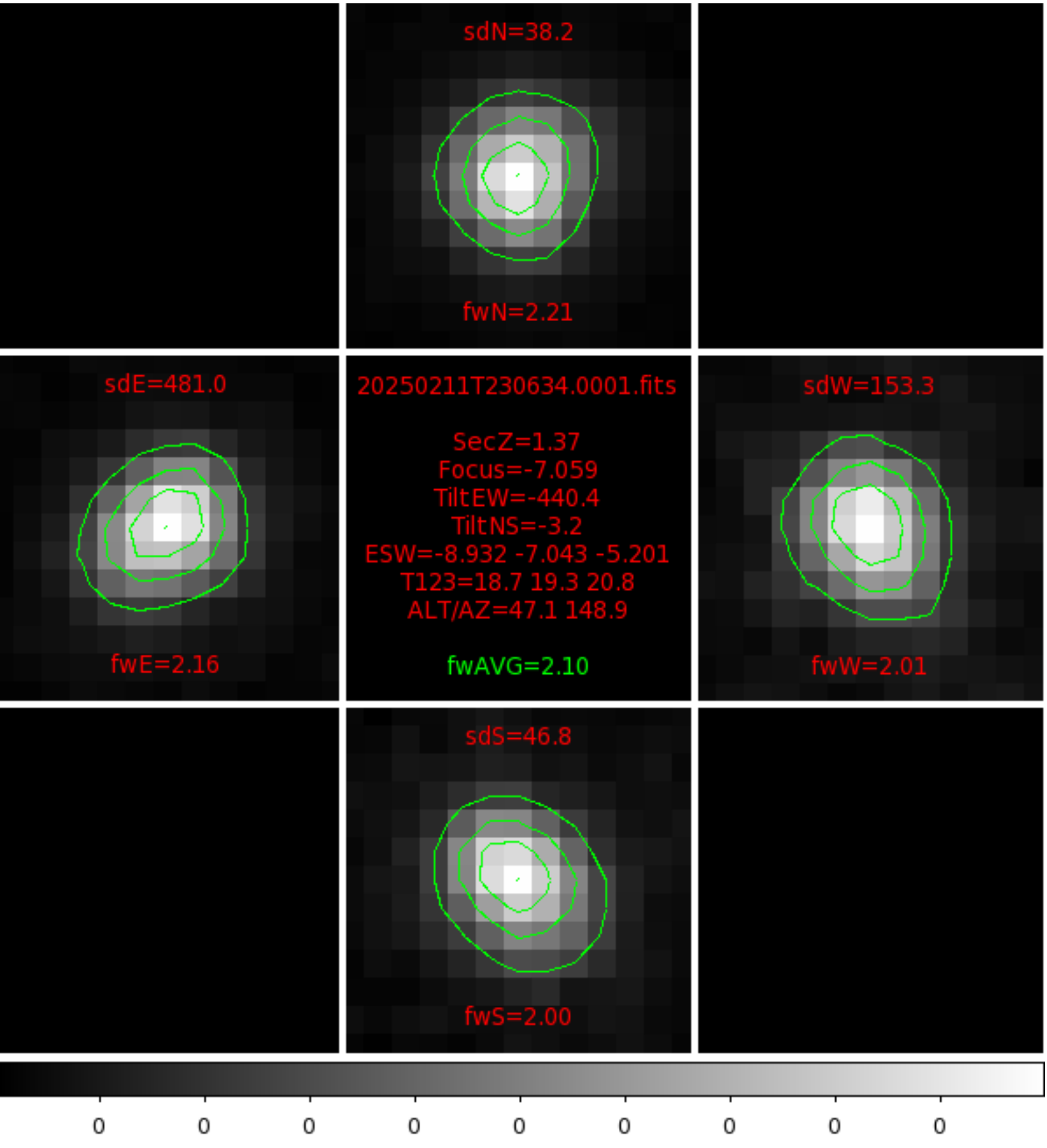
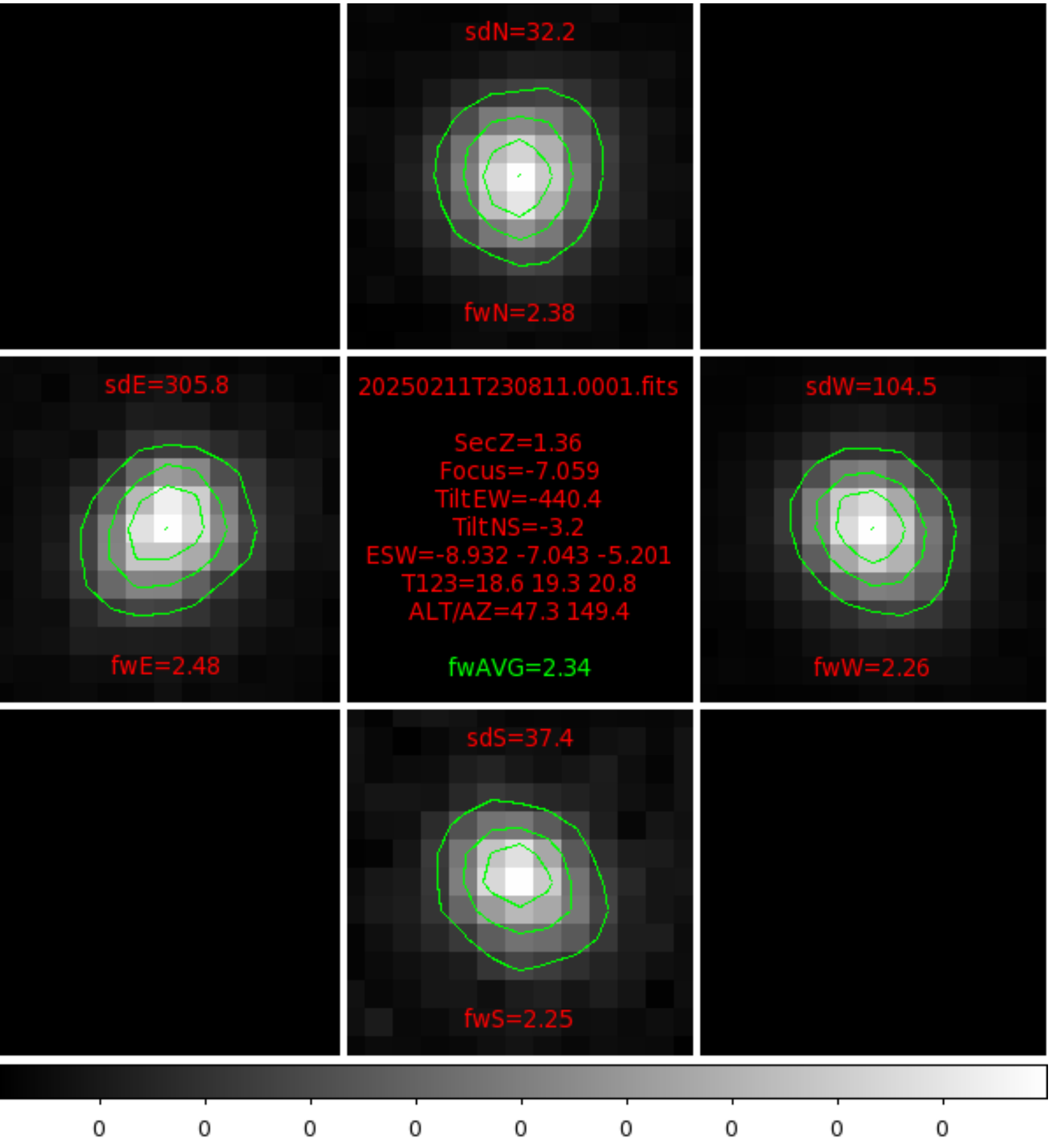
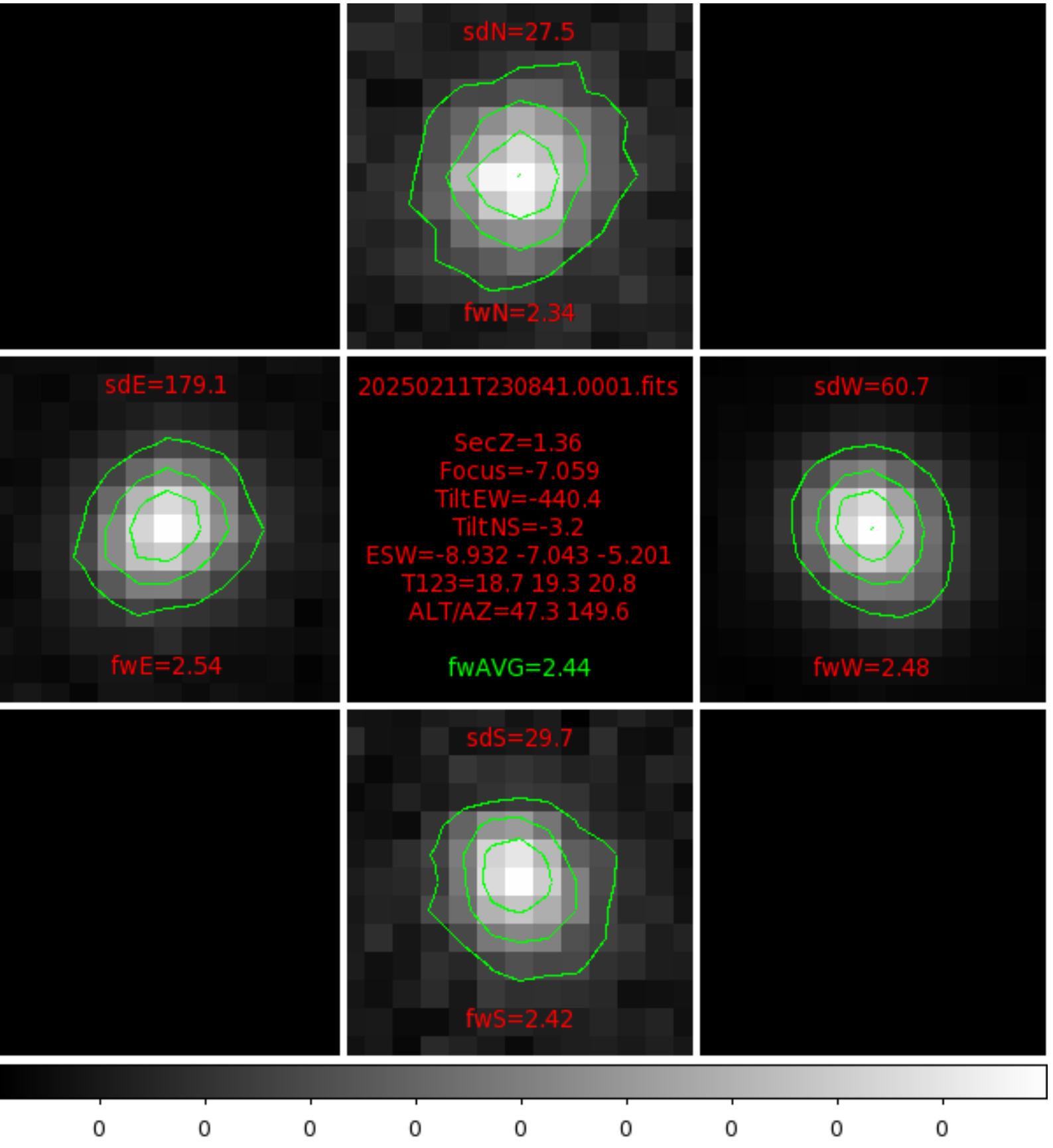
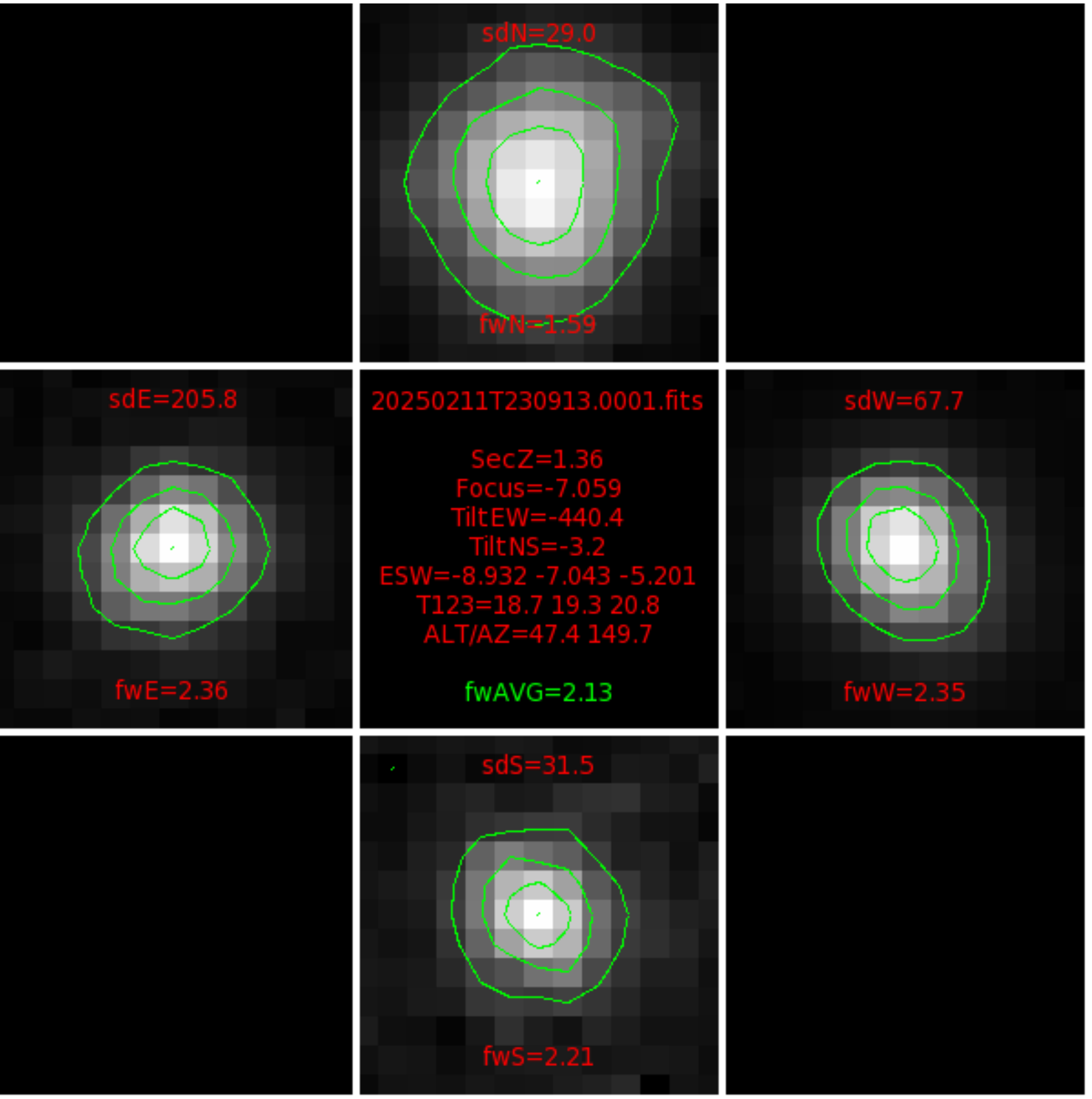
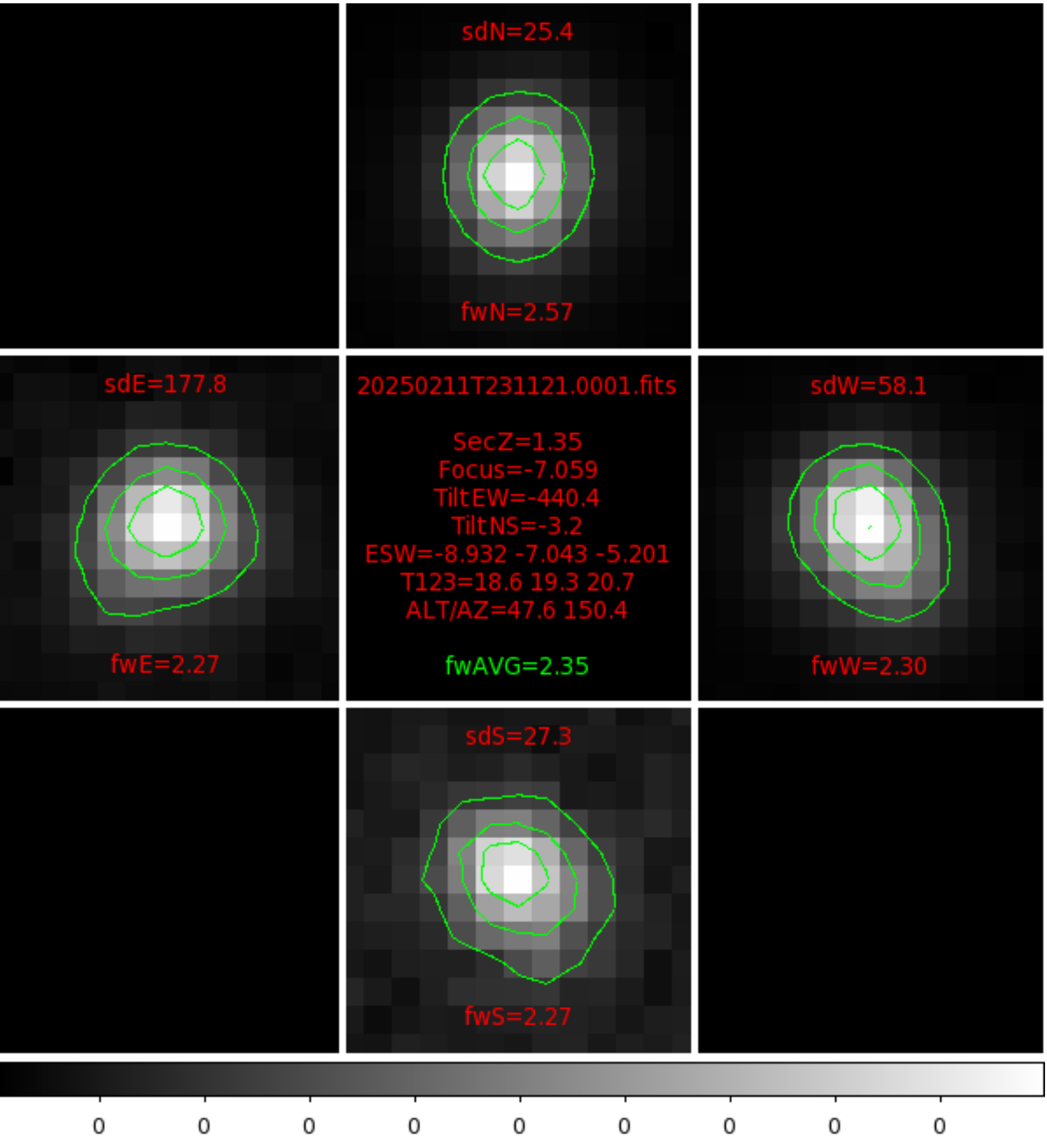
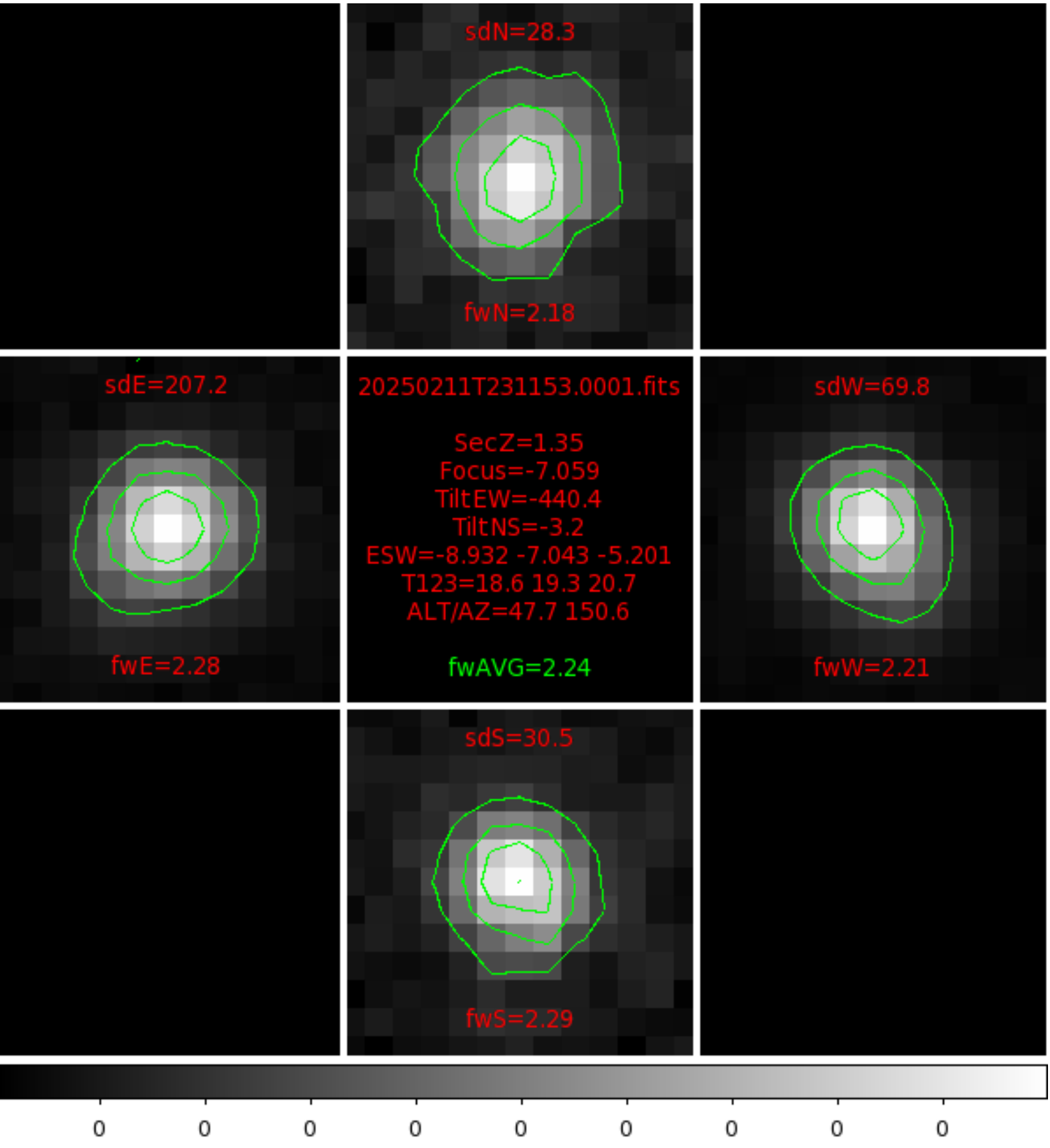

sdN=38.2
fwN=2.21
sdE=481.0
fwE=2.16
20250211T230634.0001.fits
SecZ=1.37
Focus=-7.059
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.932 -7.043 -5.201
T123=18.7 19.3 20.8
ALT/AZ=47.1 148.9
fwAVG=2.10
sdW=153.3
fwW=2.01
sdS=46.8
fwS=2.00
0 0 0 0 0 0 0 0 0

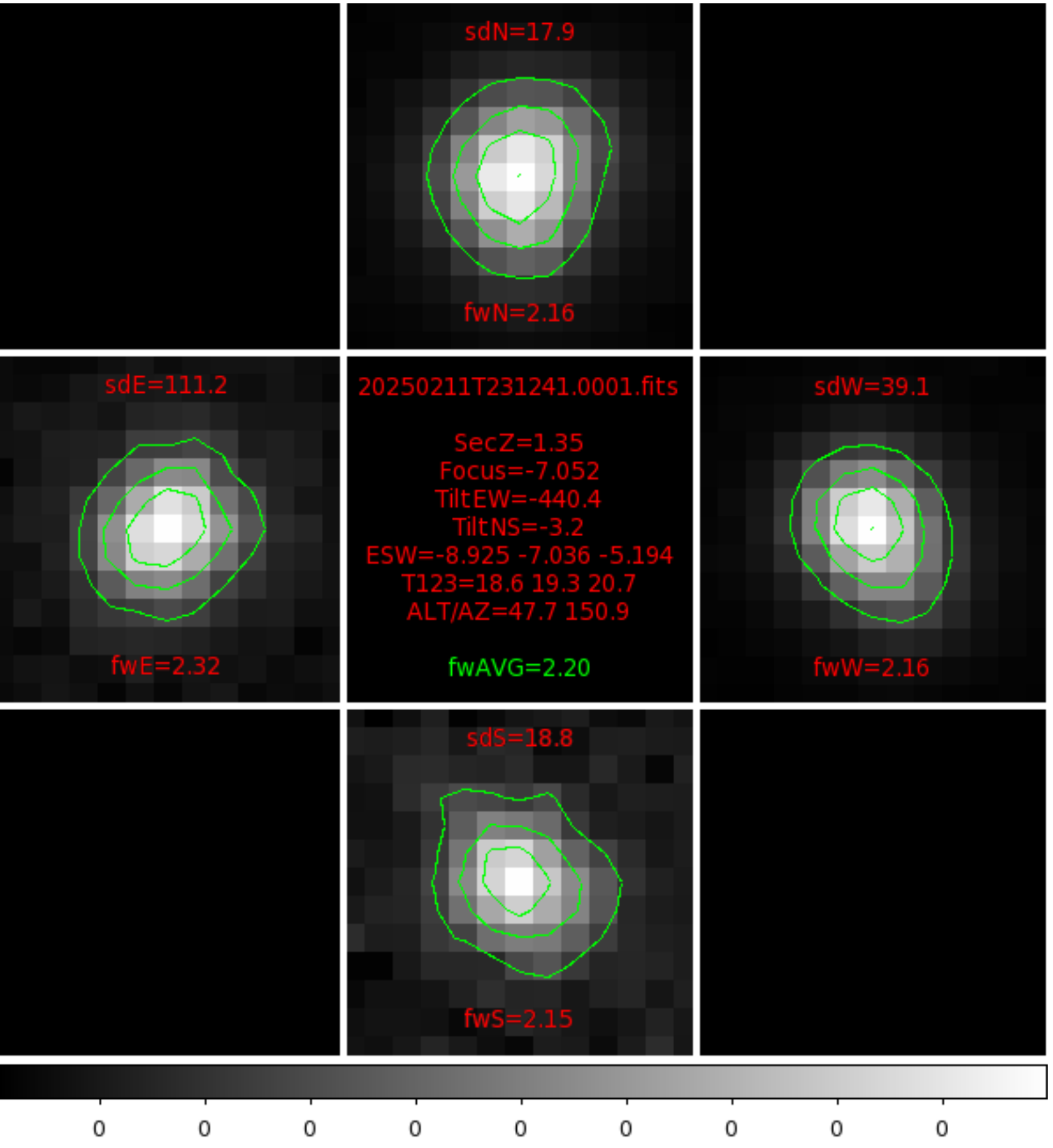

sdN=32.2
fwN=2.38
sdE=305.8
fwE=2.48
20250211T230811.0001.fits
SecZ=1.36
Focus=-7.059
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.932 -7.043 -5.201
T123=18.6 19.3 20.8
ALT/AZ=47.3 149.4
fwAVG=2.34
sdW=104.5
fwW=2.26
sdS=37.4
fwS=2.25
0 0 0 0 0 0 0 0 0

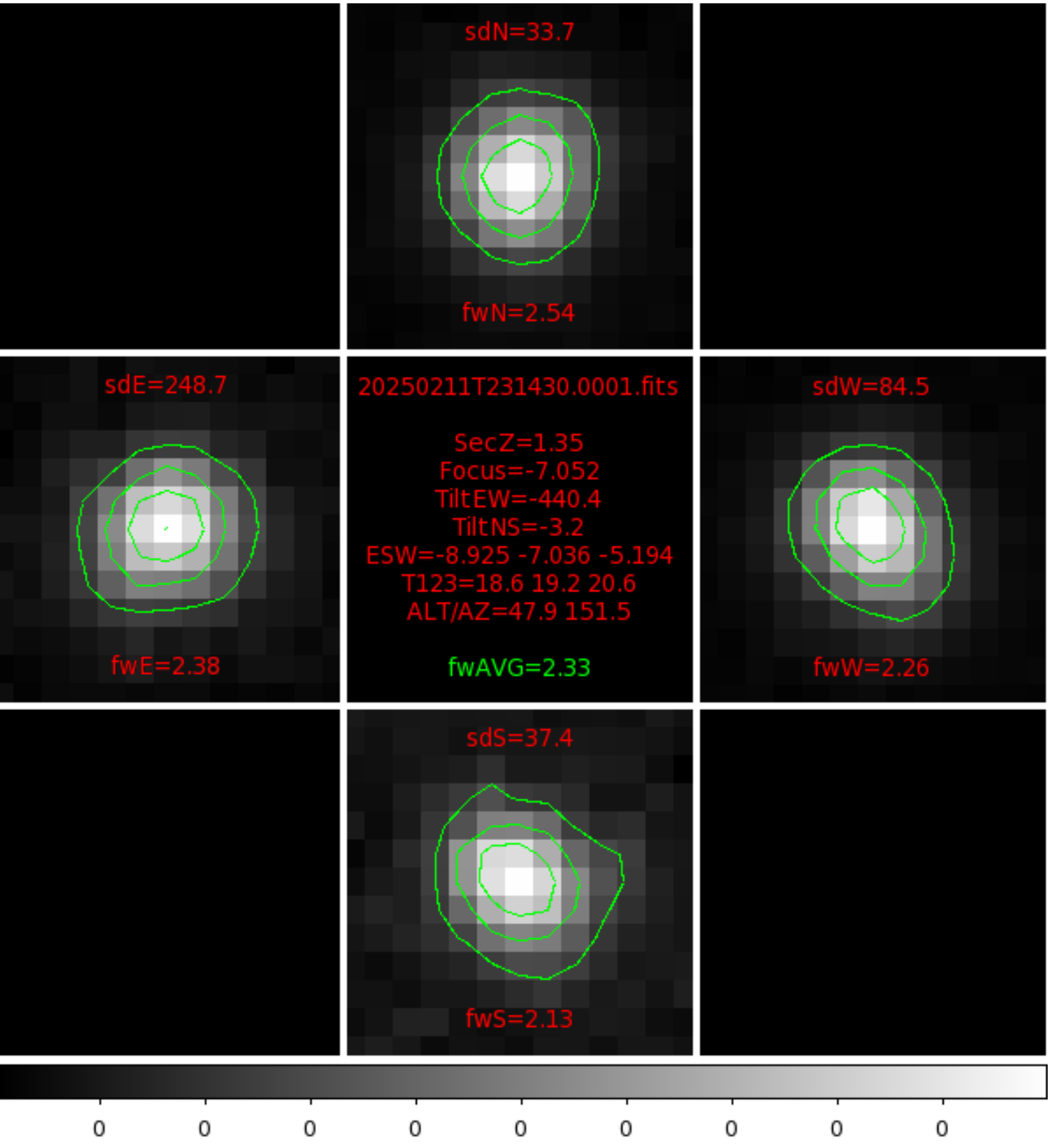

sdN=27.5
fwN=2.34
sdE=179.1
fwE=2.54
20250211T230841.0001.fits
SecZ=1.36
Focus=-7.059
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.932 -7.043 -5.201
T123=18.7 19.3 20.8
ALT/AZ=47.3 149.6
fwAVG=2.44
sdW=60.7
fwW=2.48
sdS=29.7
fwS=2.42
0 0 0 0 0 0 0 0 0

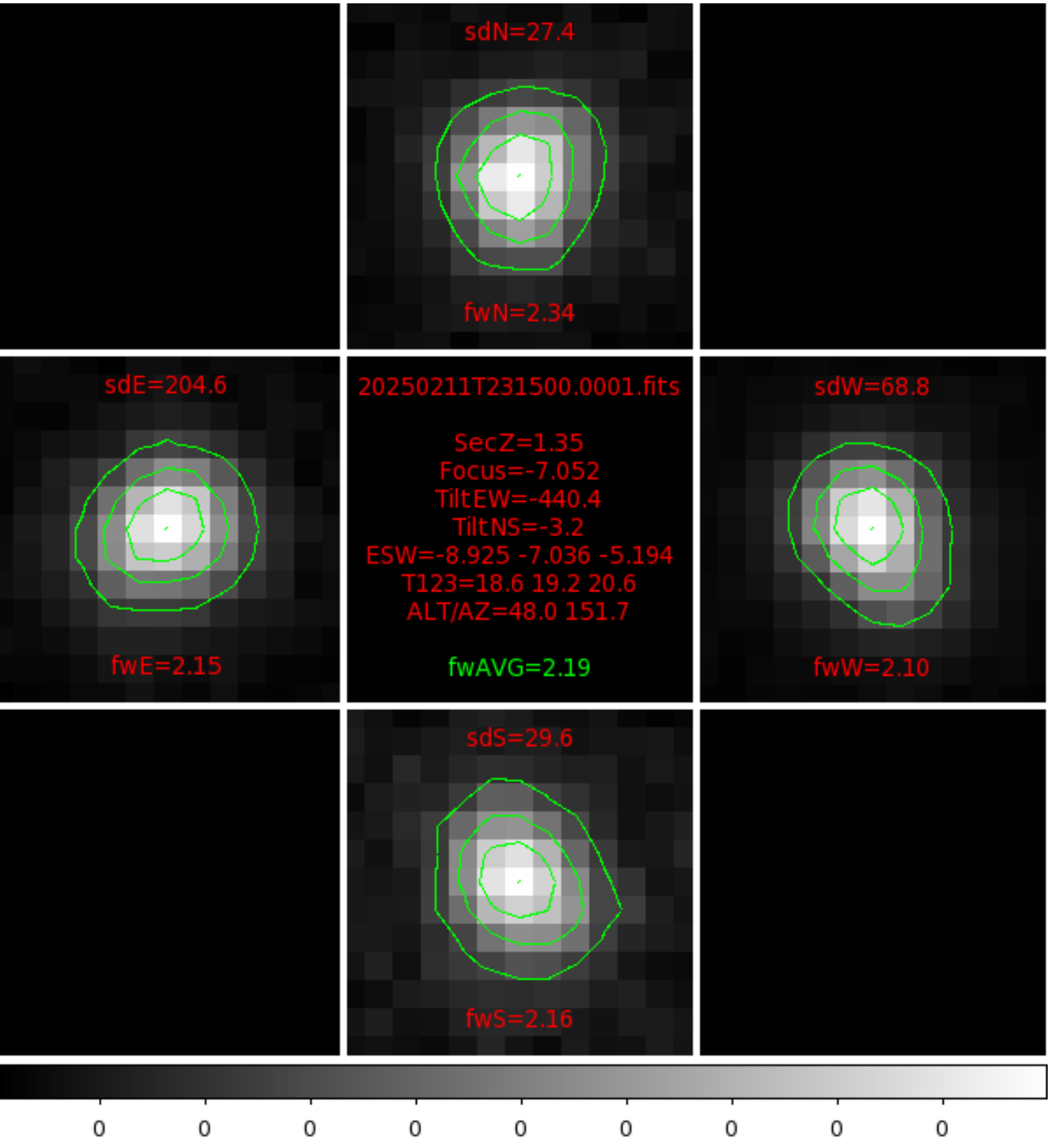

sdN=29.0
fwN=1.59
sdE=205.8
fwE=2.36
20250211T230913.0001.fits
SecZ=1.36
Focus=-7.059
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.932 -7.043 -5.201
T123=18.7 19.3 20.8
ALT/AZ=47.4 149.7
fwAVG=2.13
sdW=67.7
fwW=2.35
sdS=31.5
fwS=2.21
0 0 0 0 0 0 0 0 0

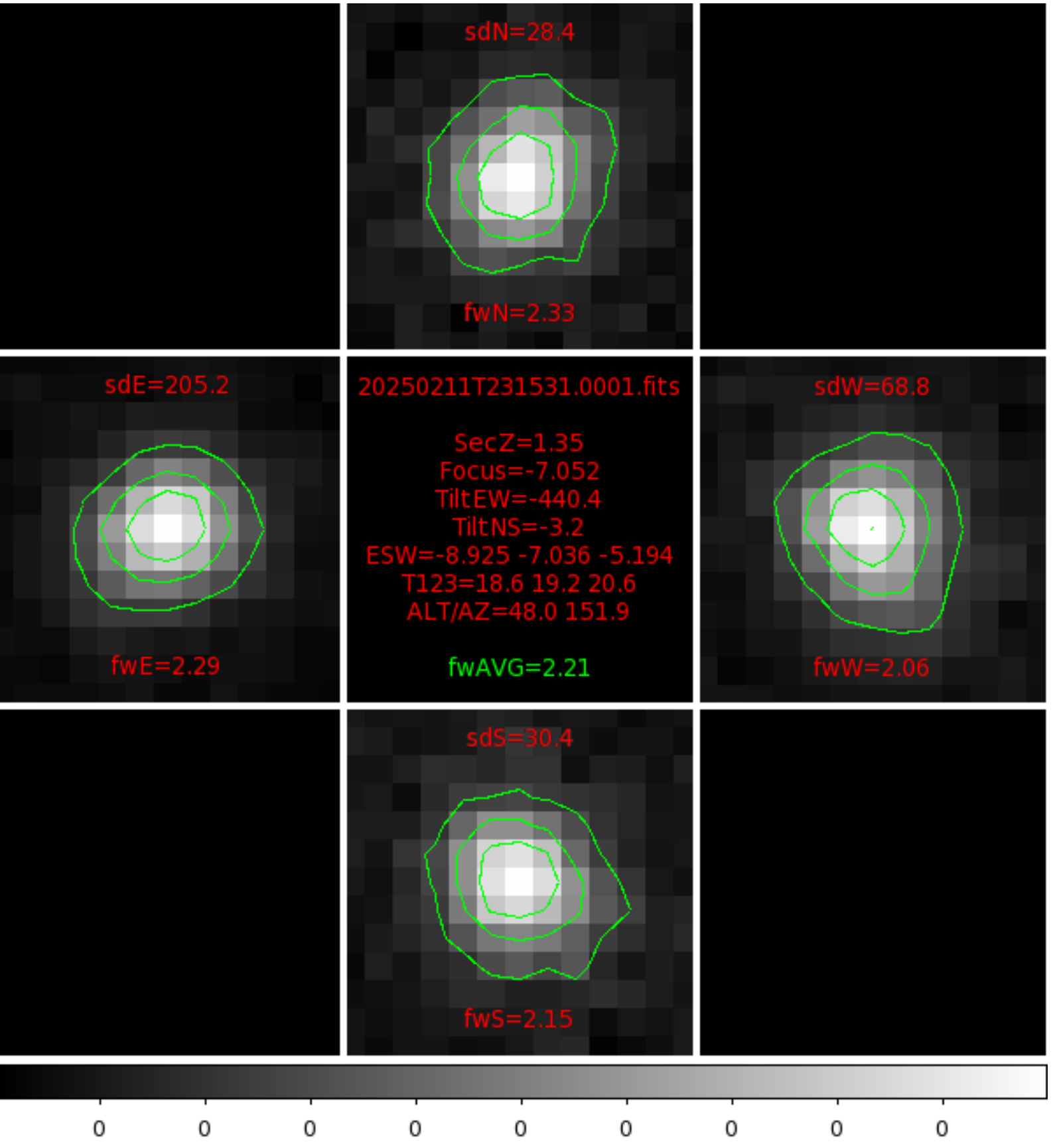

sdN=25.4
fwN=2.57
sdE=177.8
fwE=2.27
20250211T231121.0001.fits
SecZ=1.35
Focus=-7.059
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.932 -7.043 -5.201
T123=18.6 19.3 20.7
ALT/AZ=47.6 150.4
fwAVG=2.35
sdW=58.1
fwW=2.30
sdS=27.3
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=28.3
fwN=2.18
sdE=207.2
fwE=2.28
20250211T231153.0001.fits
SecZ=1.35
Focus=-7.059
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.932 -7.043 -5.201
T123=18.6 19.3 20.7
ALT/AZ=47.7 150.6
fwAVG=2.24
sdW=69.8
fwW=2.21
sdS=30.5
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=17.9
fwN=2.16
sdE=111.2
fwE=2.32
20250211T231241.0001.fits
SecZ=1.35
Focus=-7.052
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.925 -7.036 -5.194
T123=18.6 19.3 20.7
ALT/AZ=47.7 150.9
fwAVG=2.20
sdW=39.1
fwW=2.16
sdS=18.8
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=33.7
fwN=2.54
sdE=248.7
fwE=2.38
20250211T231430.0001.fits
SecZ=1.35
Focus=-7.052
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.925 -7.036 -5.194
T123=18.6 19.2 20.6
ALT/AZ=47.9 151.5
fwAVG=2.33
sdW=84.5
fwW=2.26
sdS=37.4
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=27.4
fwN=2.34
sdE=204.6
fwE=2.15
20250211T231500.0001.fits
SecZ=1.35
Focus=-7.052
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.925 -7.036 -5.194
T123=18.6 19.2 20.6
ALT/AZ=48.0 151.7
fwAVG=2.19
sdW=68.8
fwW=2.10
sdS=29.6
fwS=2.16
0 0 0 0 0 0 0 0 0


sdN=28.4
fwN=2.33
sdE=205.2
fwE=2.29
20250211T231531.0001.fits
SecZ=1.35
Focus=-7.052
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.925 -7.036 -5.194
T123=18.6 19.2 20.6
ALT/AZ=48.0 151.9
fwAVG=2.21
sdW=68.8
fwW=2.06
sdS=30.4
fwS=2.15
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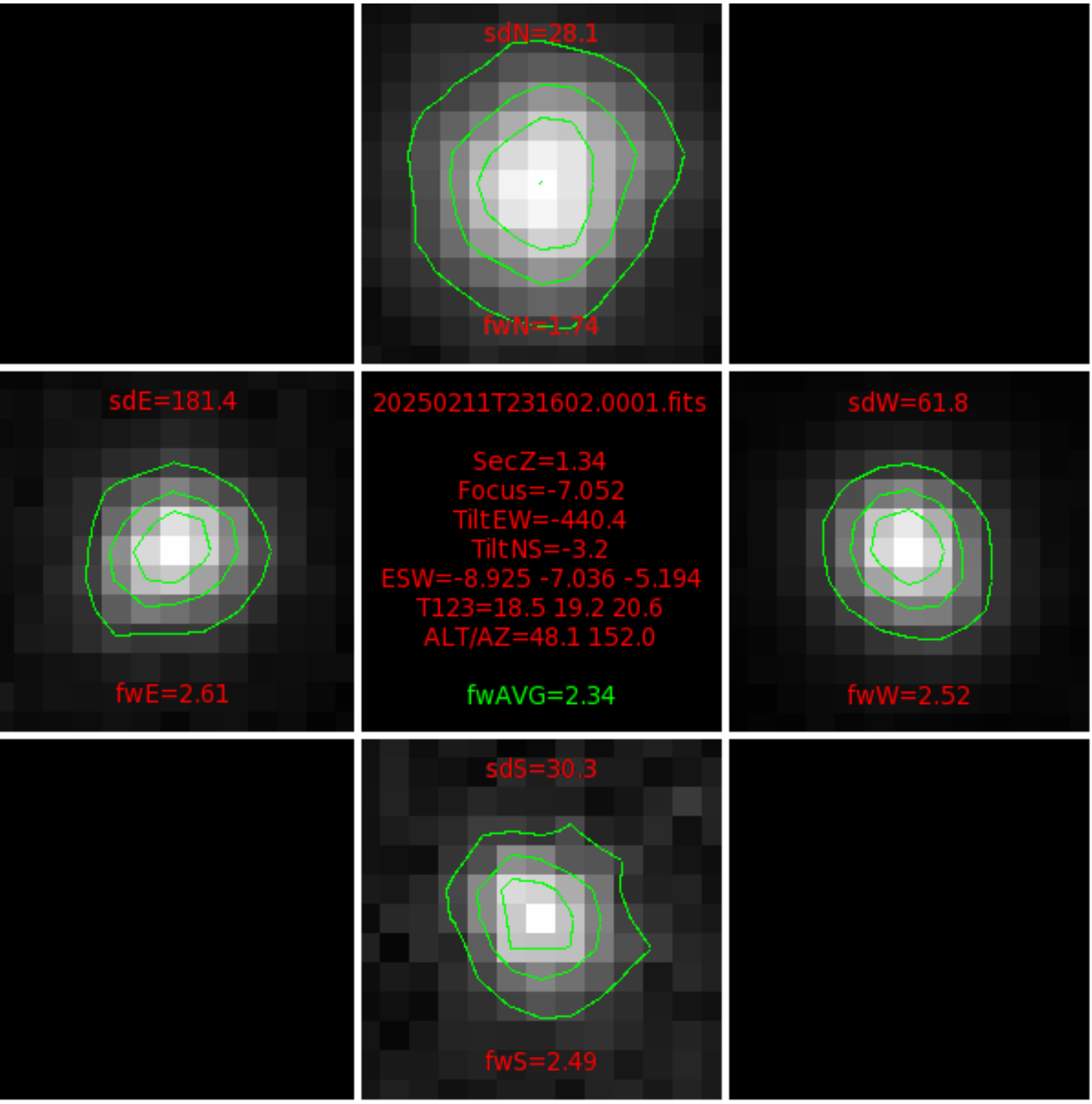
sdN=28.1
fwN=1.74
sdE=181.4
fwE=2.61
20250211T231602.0001.fits
SecZ=1.34
Focus=-7.052
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.925 -7.036 -5.194
T123=18.5 19.2 20.6
ALT/AZ=48.1 152.0
fwAVG=2.34
sdW=61.8
fwW=2.52
sdS=30.3
fwS=2.49
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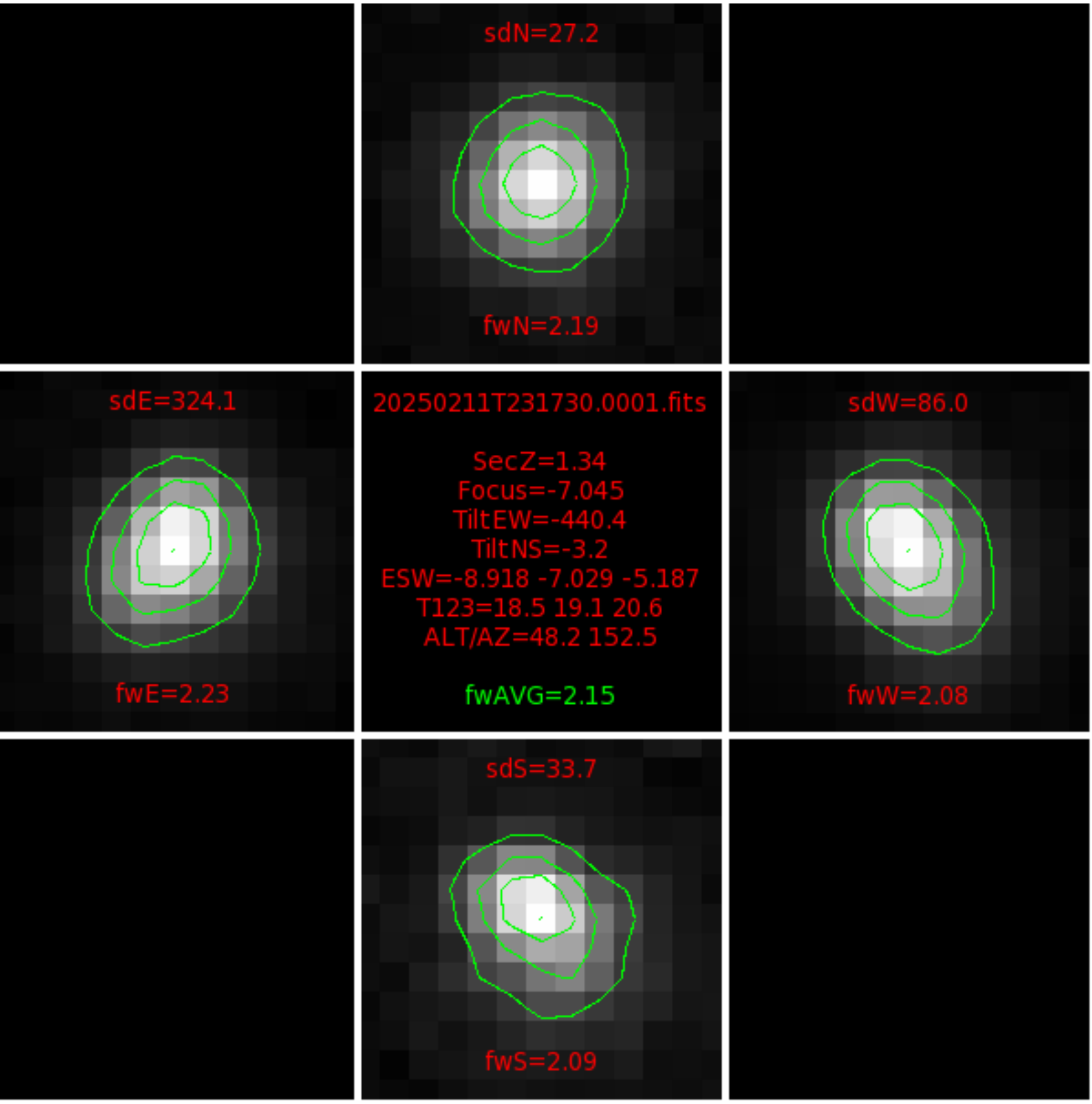
sdN=27.2
fwN=2.19
sdE=324.1
fwE=2.23
20250211T231730.0001.fits
SecZ=1.34
Focus=-7.045
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.918 -7.029 -5.187
T123=18.5 19.1 20.6
ALT/AZ=48.2 152.5
fwAVG=2.15
sdW=86.0
fwW=2.08
sdS=33.7
fwS=2.09
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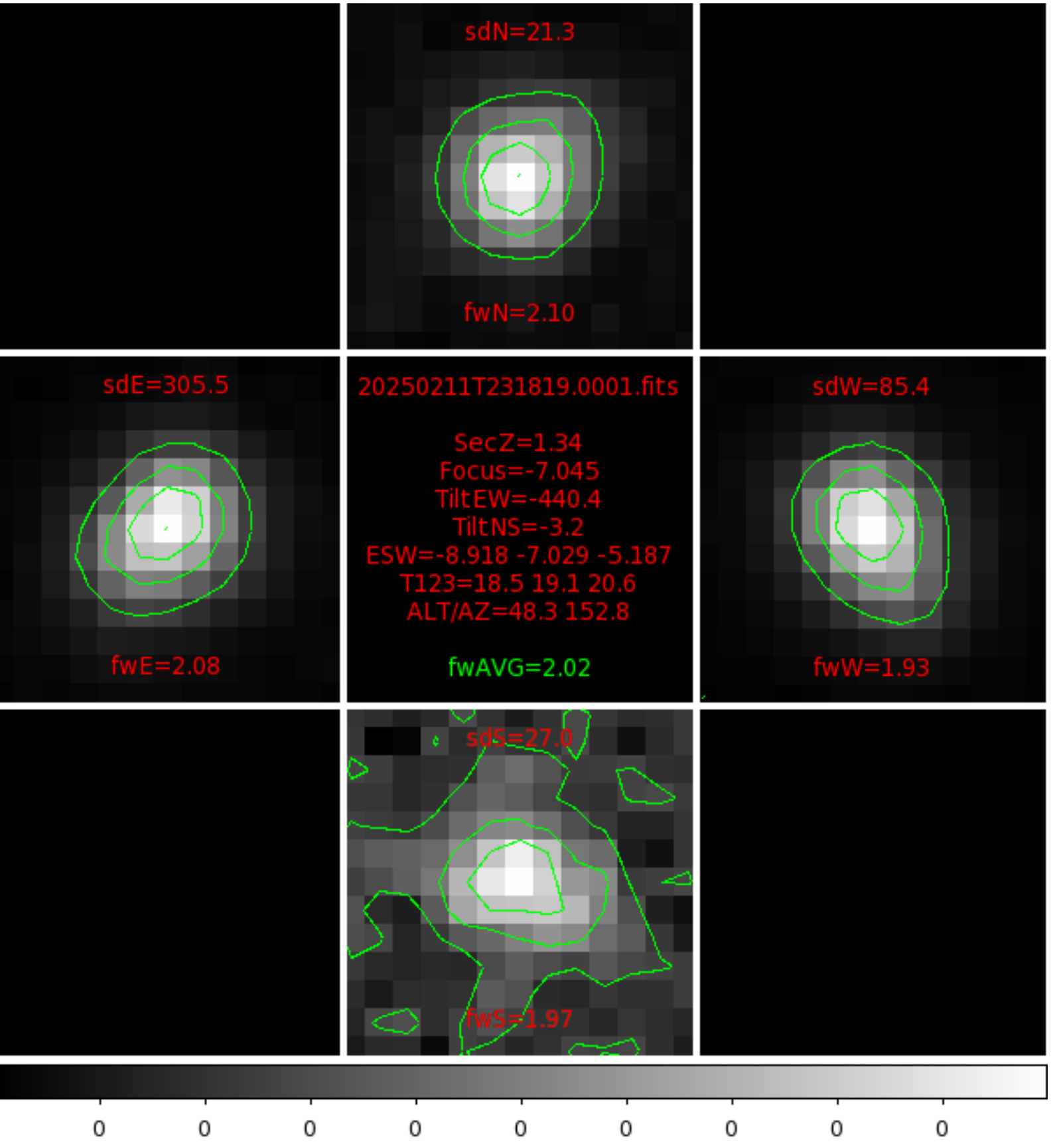
sdN=21.3
fwN=2.10
sdE=305.5
fwE=2.08
20250211T231819.0001.fits
SecZ=1.34
Focus=-7.045
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.918 -7.029 -5.187
T123=18.5 19.1 20.6
ALT/AZ=48.3 152.8
fwAVG=2.02
sdW=85.4
fwW=1.93
sdS=27.0
fwS=1.97
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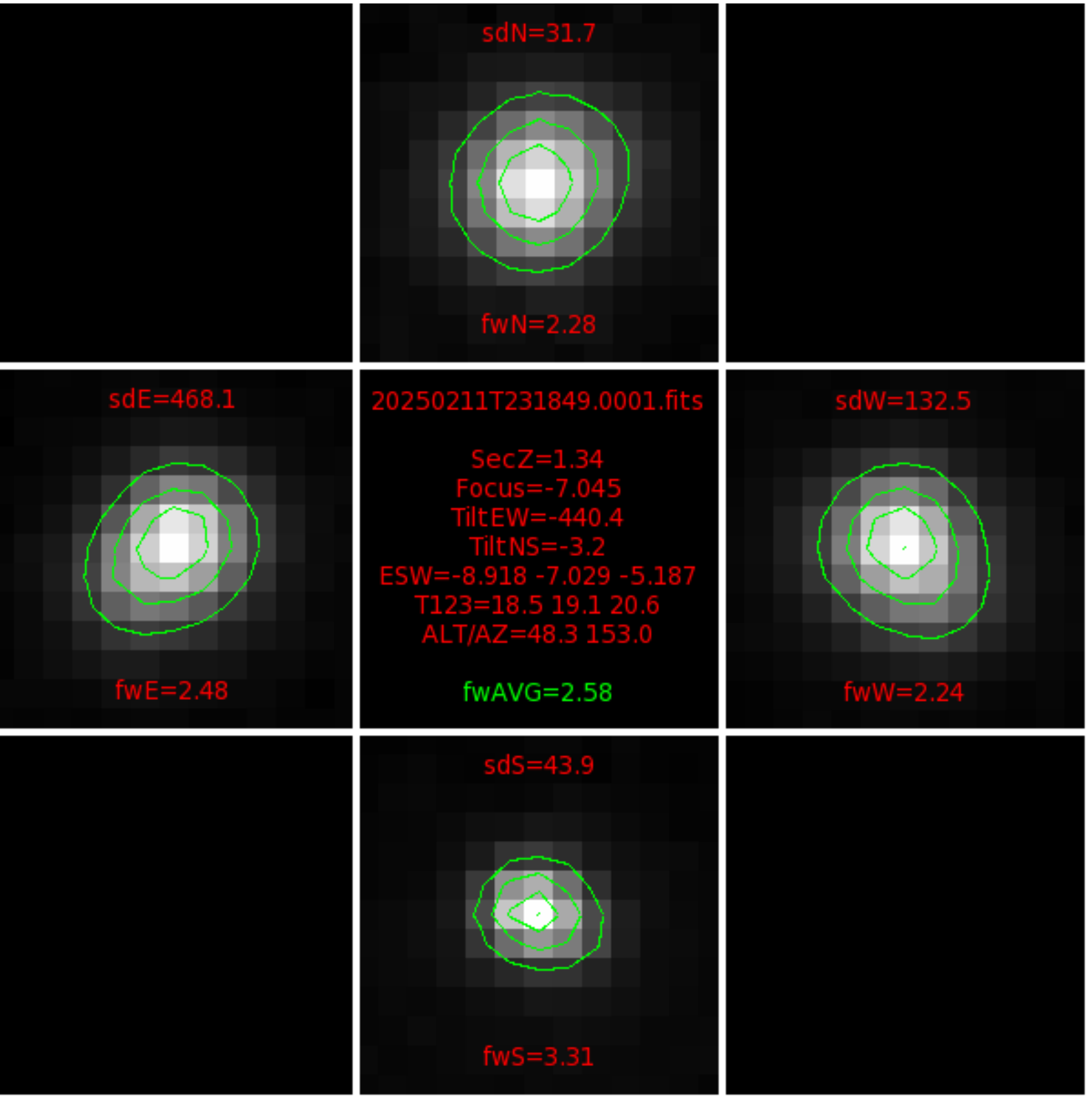
sdN=31.7
fwN=2.28
sdE=468.1
fwE=2.48
20250211T231849.0001.fits
SecZ=1.34
Focus=-7.045
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.918 -7.029 -5.187
T123=18.5 19.1 20.6
ALT/AZ=48.3 153.0
fwAVG=2.58
sdW=132.5
fwW=2.24
sdS=43.9
fwS=3.31
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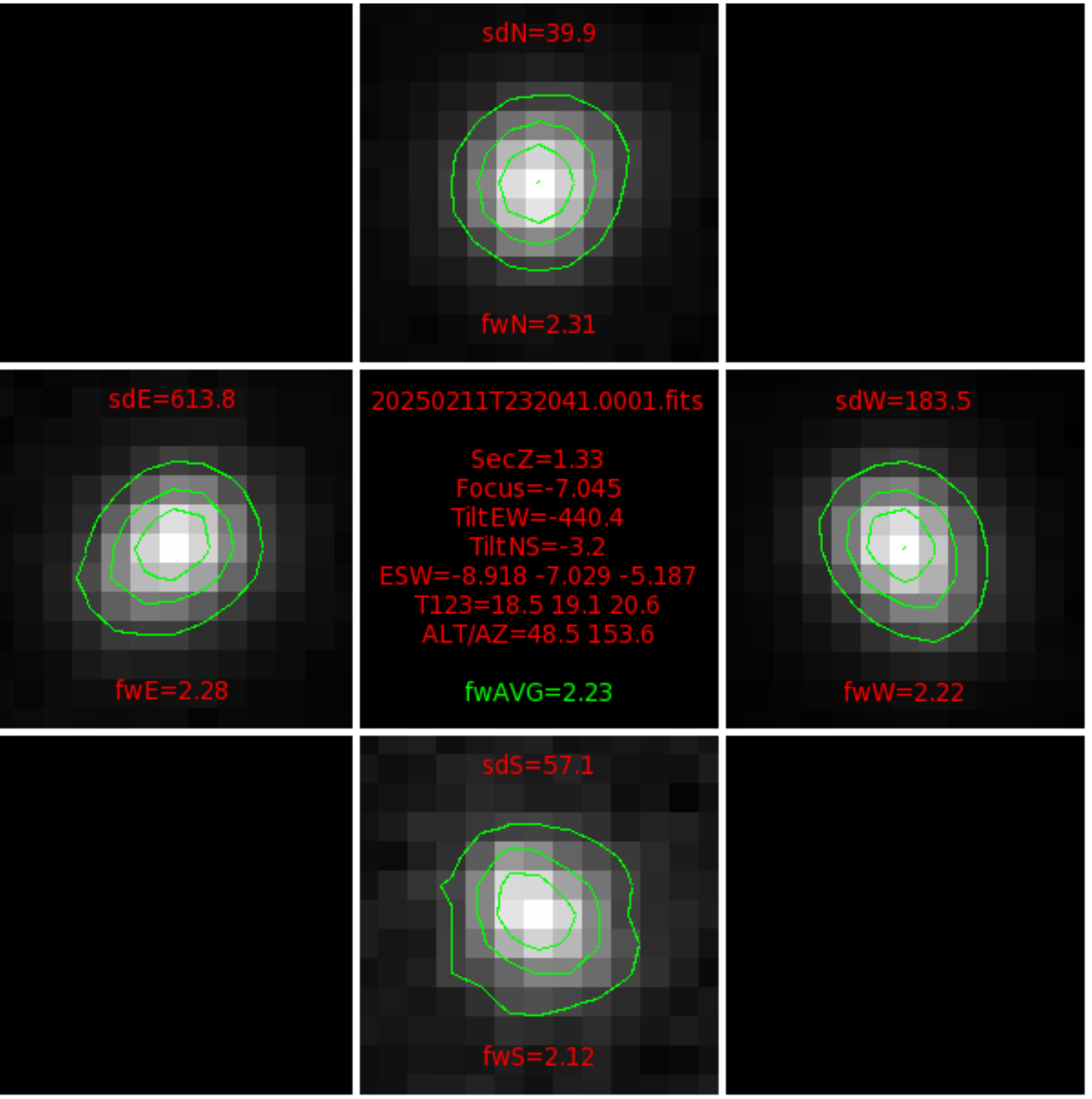
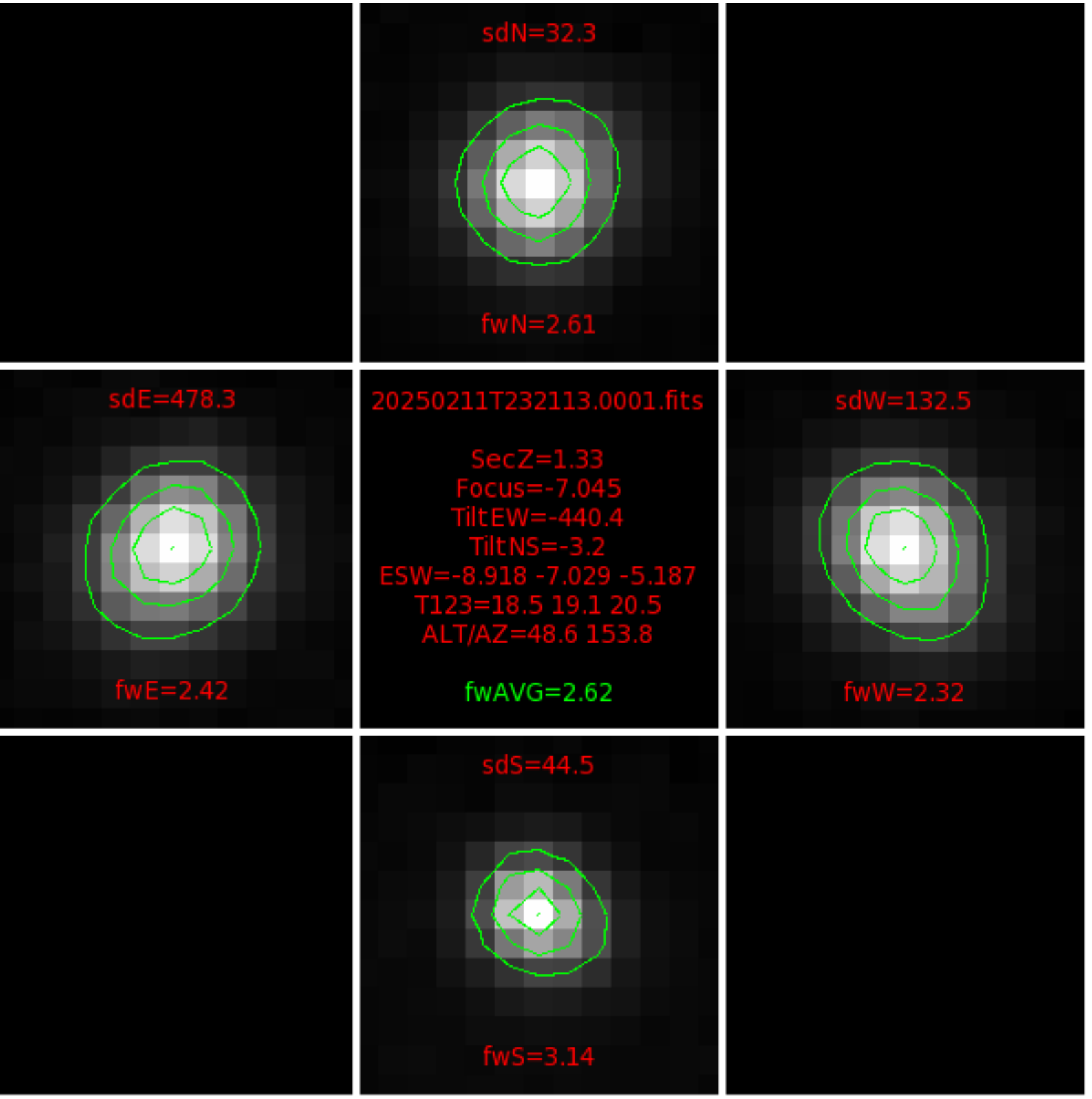
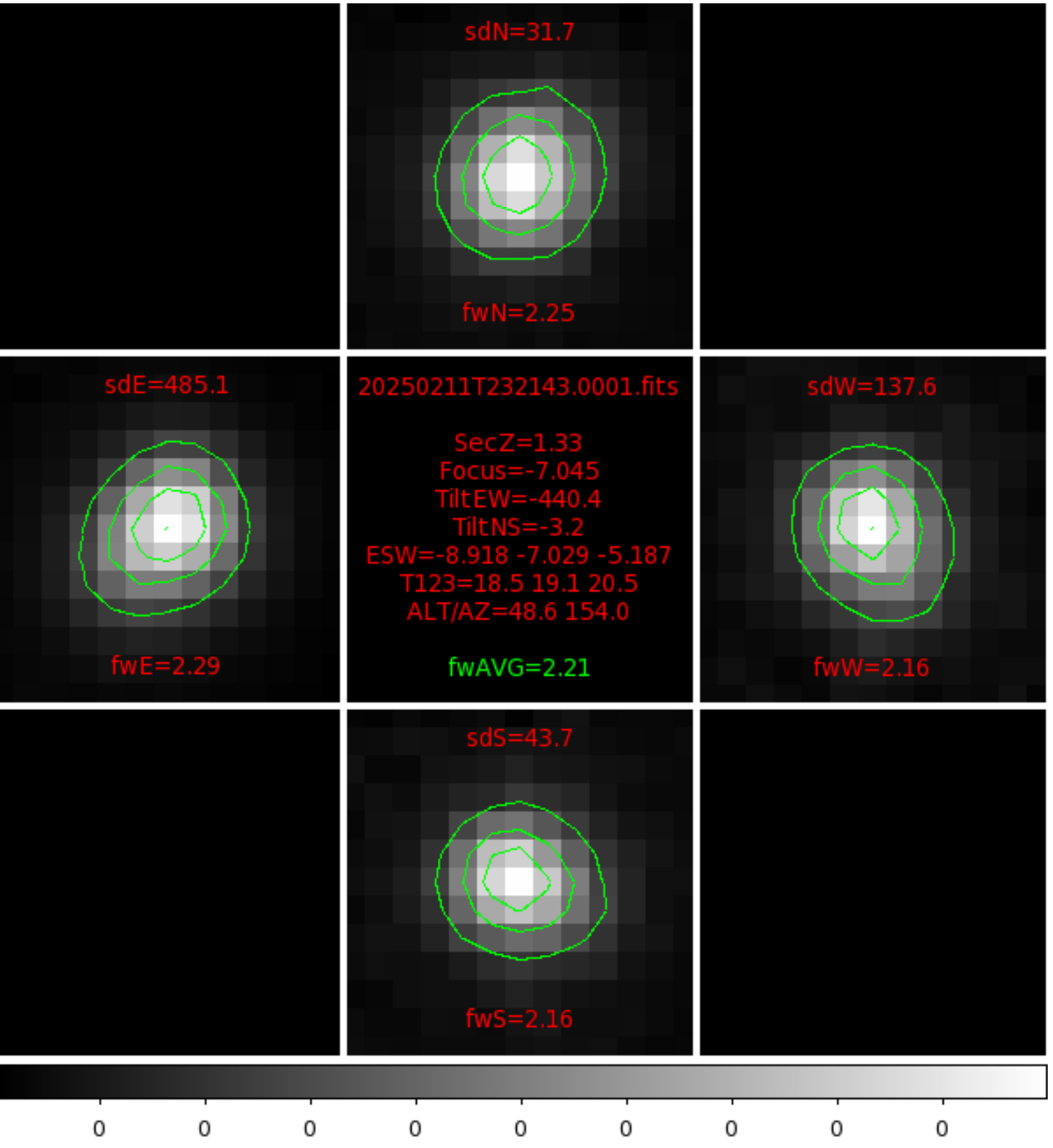

sdN=39.9
fwN=2.31
sdE=613.8
fwE=2.28
20250211T232041.0001.fits
SecZ=1.33
Focus=-7.045
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.918 -7.029 -5.187
T123=18.5 19.1 20.6
ALT/AZ=48.5 153.6
fwAVG=2.23
sdW=183.5
fwW=2.22
sdS=57.1
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=32.3
fwN=2.61
sdE=478.3
fwE=2.42
20250211T232113.0001.fits
SecZ=1.33
Focus=-7.045
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.918 -7.029 -5.187
T123=18.5 19.1 20.5
ALT/AZ=48.6 153.8
fwAVG=2.62
sdW=132.5
fwW=2.32
sdS=44.5
fwS=3.14
0 0 0 0 0 0 0 0 0


sdN=31.7
fwN=2.25
sdE=485.1
fwE=2.29
20250211T232143.0001.fits
SecZ=1.33
Focus=-7.045
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.918 -7.029 -5.187
T123=18.5 19.1 20.5
ALT/AZ=48.6 154.0
fwAVG=2.21
sdW=137.6
fwW=2.16
sdS=43.7
fwS=2.16
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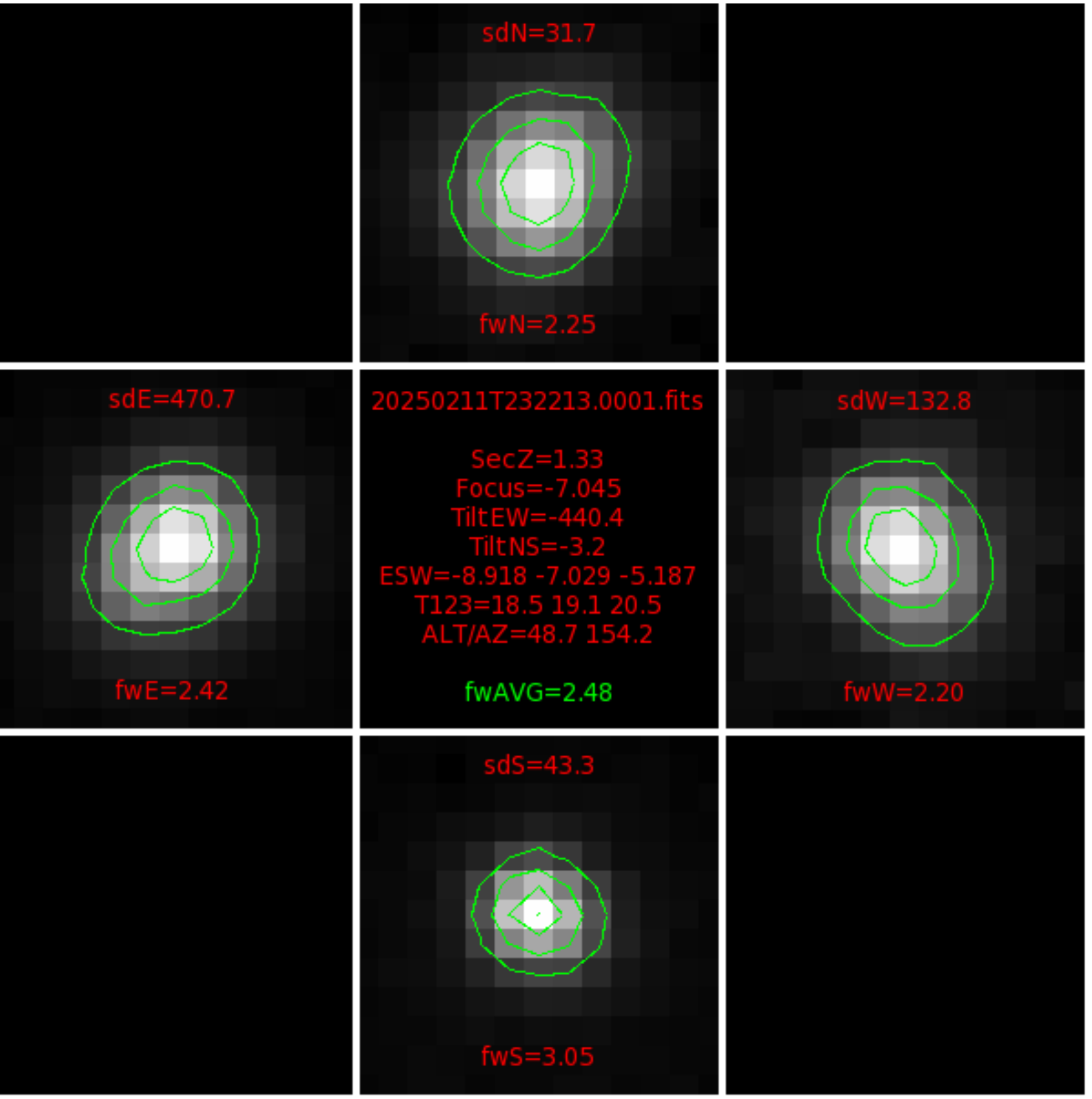
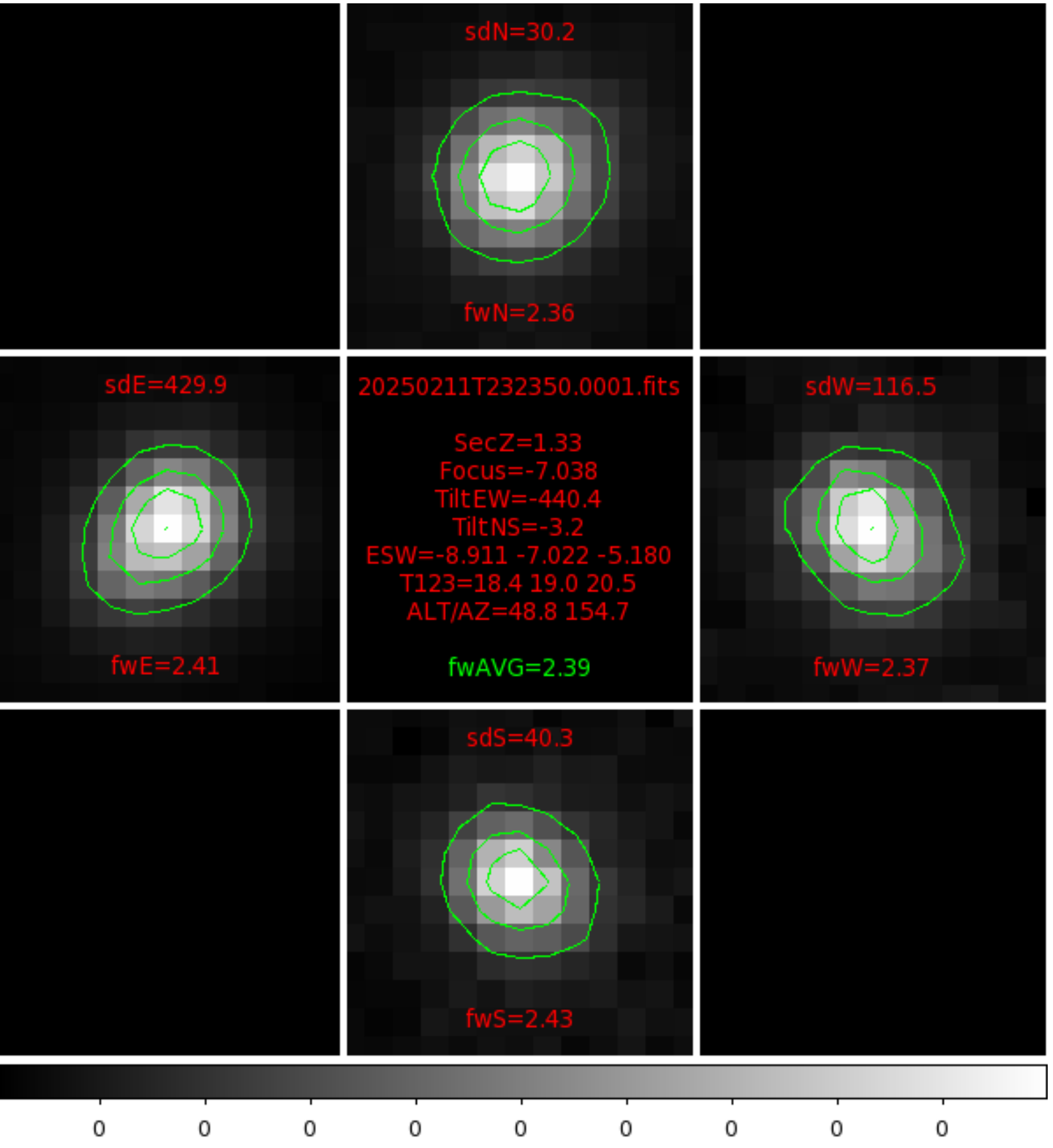

sdN=31.7
fwN=2.25
sdE=470.7
fwE=2.42
20250211T232213.0001.fits
SecZ=1.33
Focus=-7.045
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.918 -7.029 -5.187
T123=18.5 19.1 20.5
ALT/AZ=48.7 154.2
fwAVG=2.48
sdW=132.8
fwW=2.20
sdS=43.3
fwS=3.05
0 0 0 0 0 0 0 0 0


sdN=30.2
fwN=2.36
sdE=429.9
fwE=2.41
20250211T232350.0001.fits
SecZ=1.33
Focus=-7.038
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.911 -7.022 -5.180
T123=18.4 19.0 20.5
ALT/AZ=48.8 154.7
fwAVG=2.39
sdW=116.5
fwW=2.37
sdS=40.3
fwS=2.43
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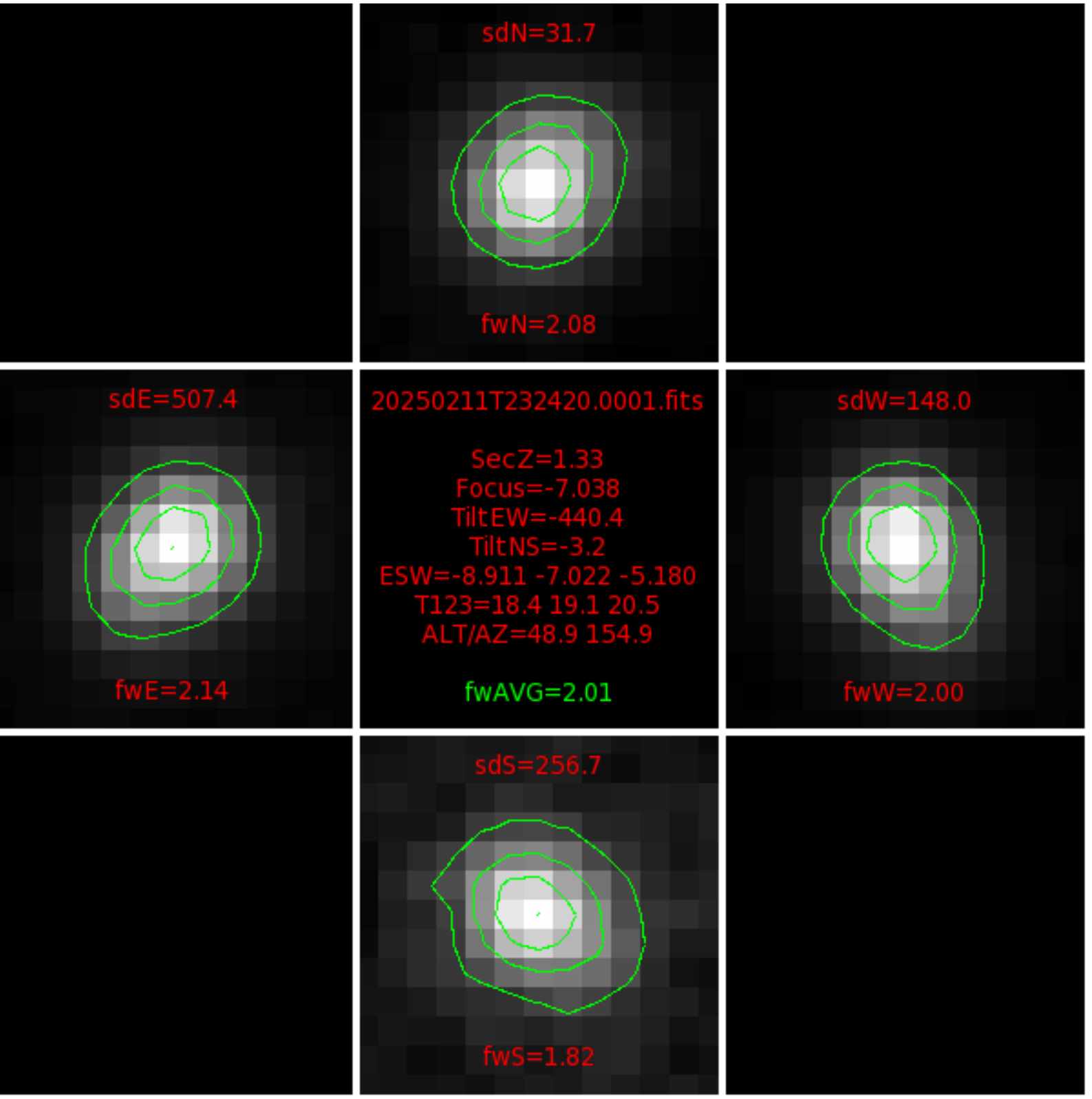
sdN=31.7
fwN=2.08
sdE=507.4
fwE=2.14
20250211T232420.0001.fits
SecZ=1.33
Focus=-7.038
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.911 -7.022 -5.180
T123=18.4 19.1 20.5
ALT/AZ=48.9 154.9
fwAVG=2.01
sdW=148.0
fwW=2.00
sdS=256.7
fwS=1.82
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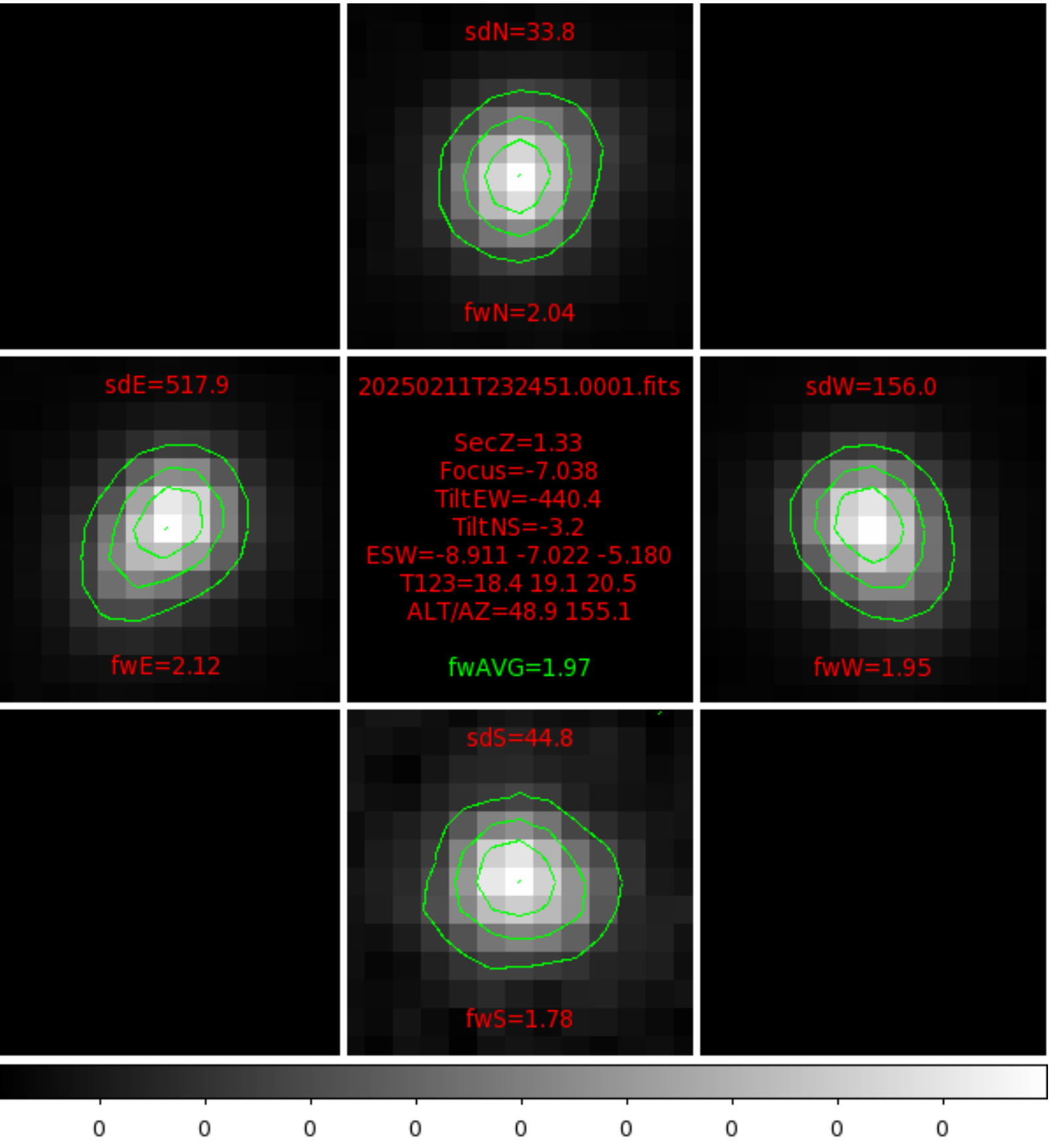
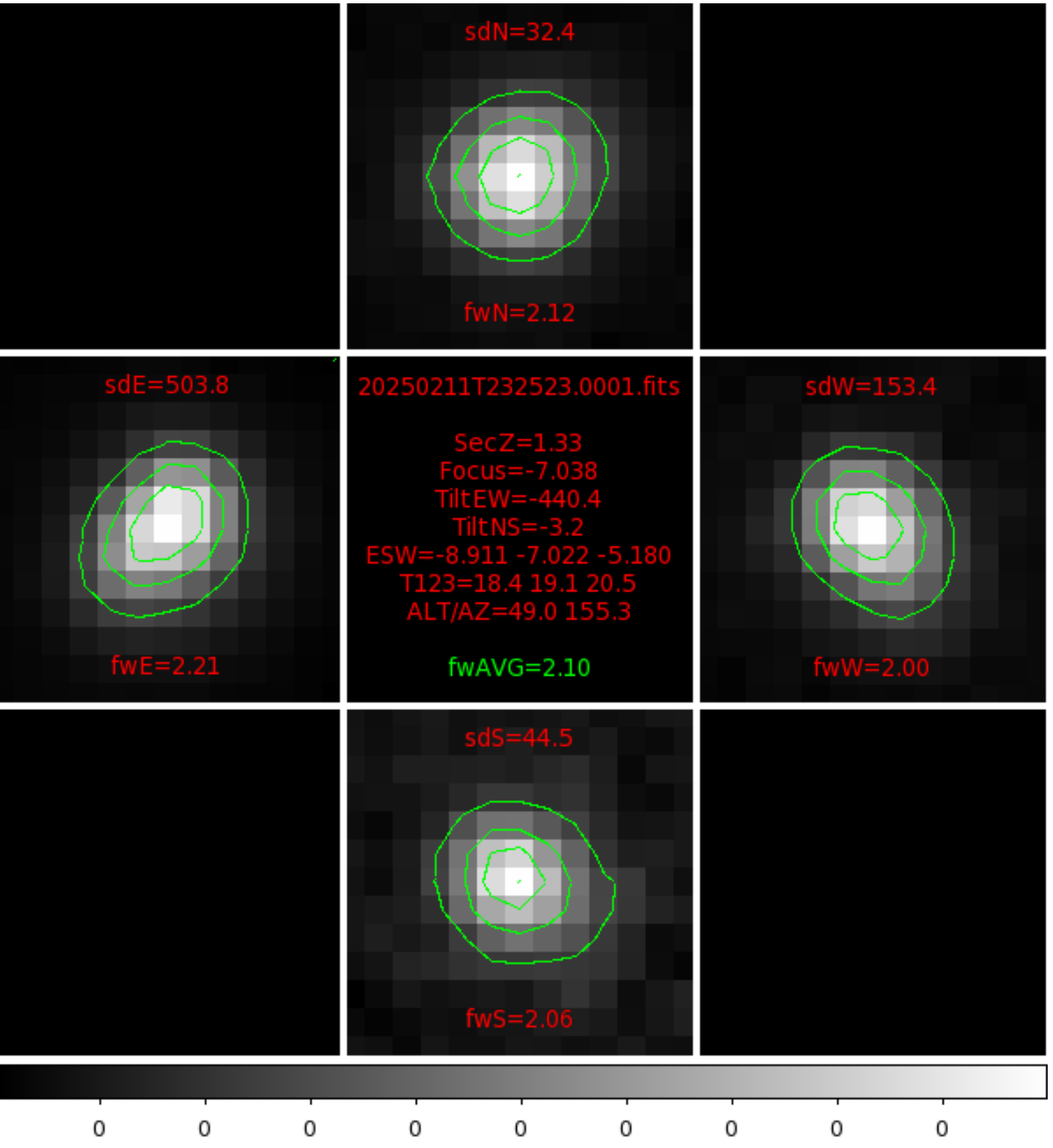
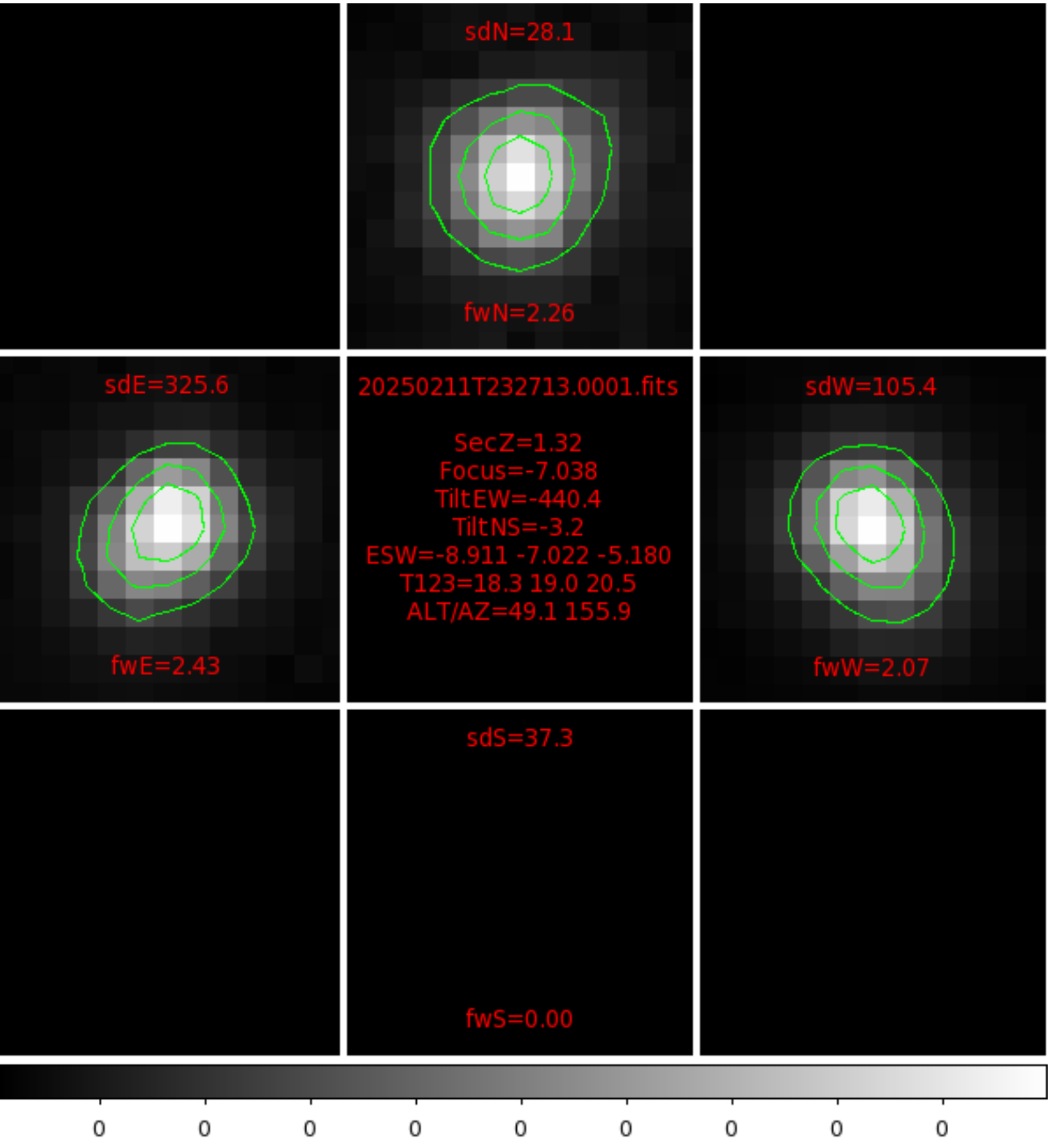
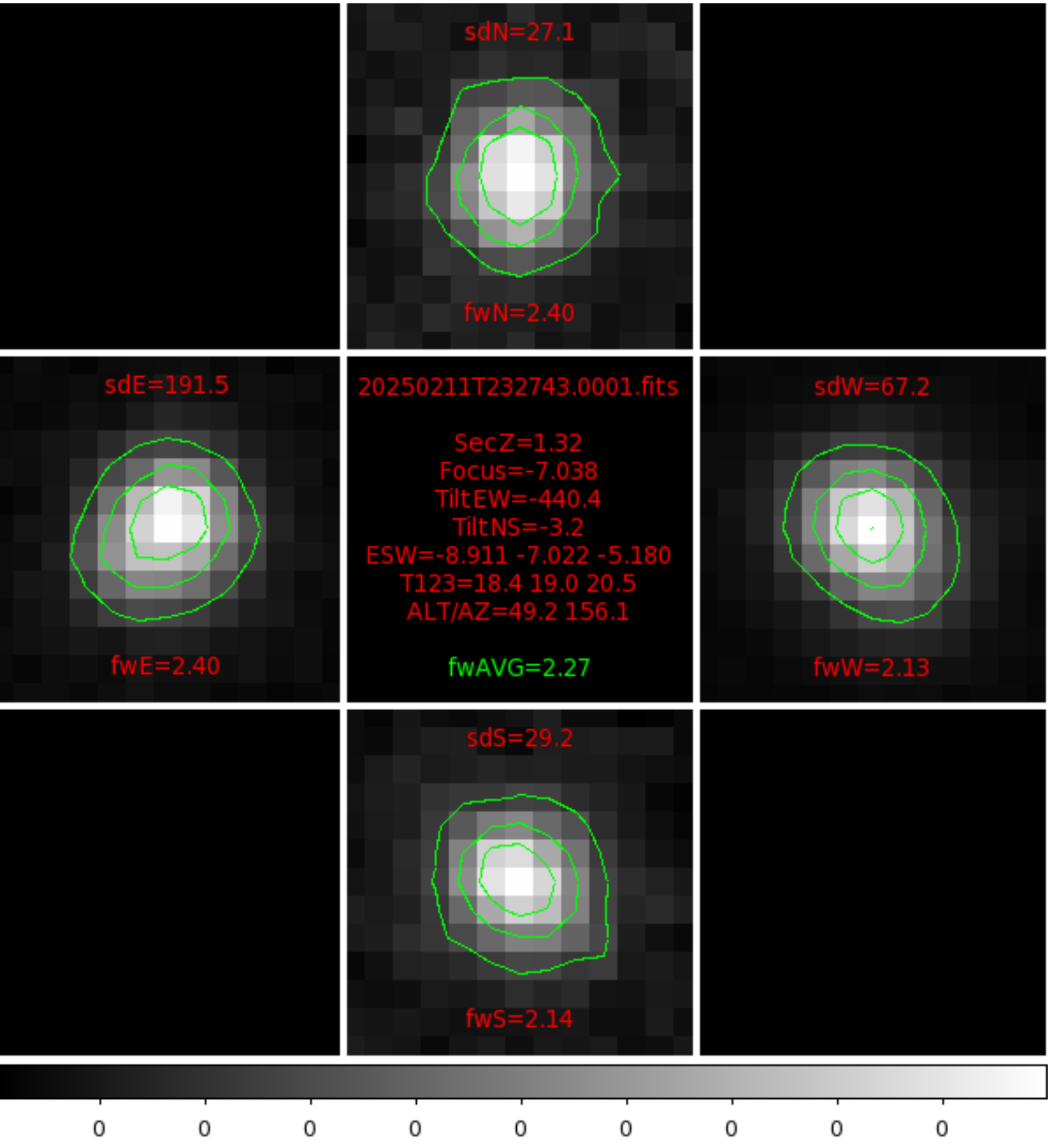
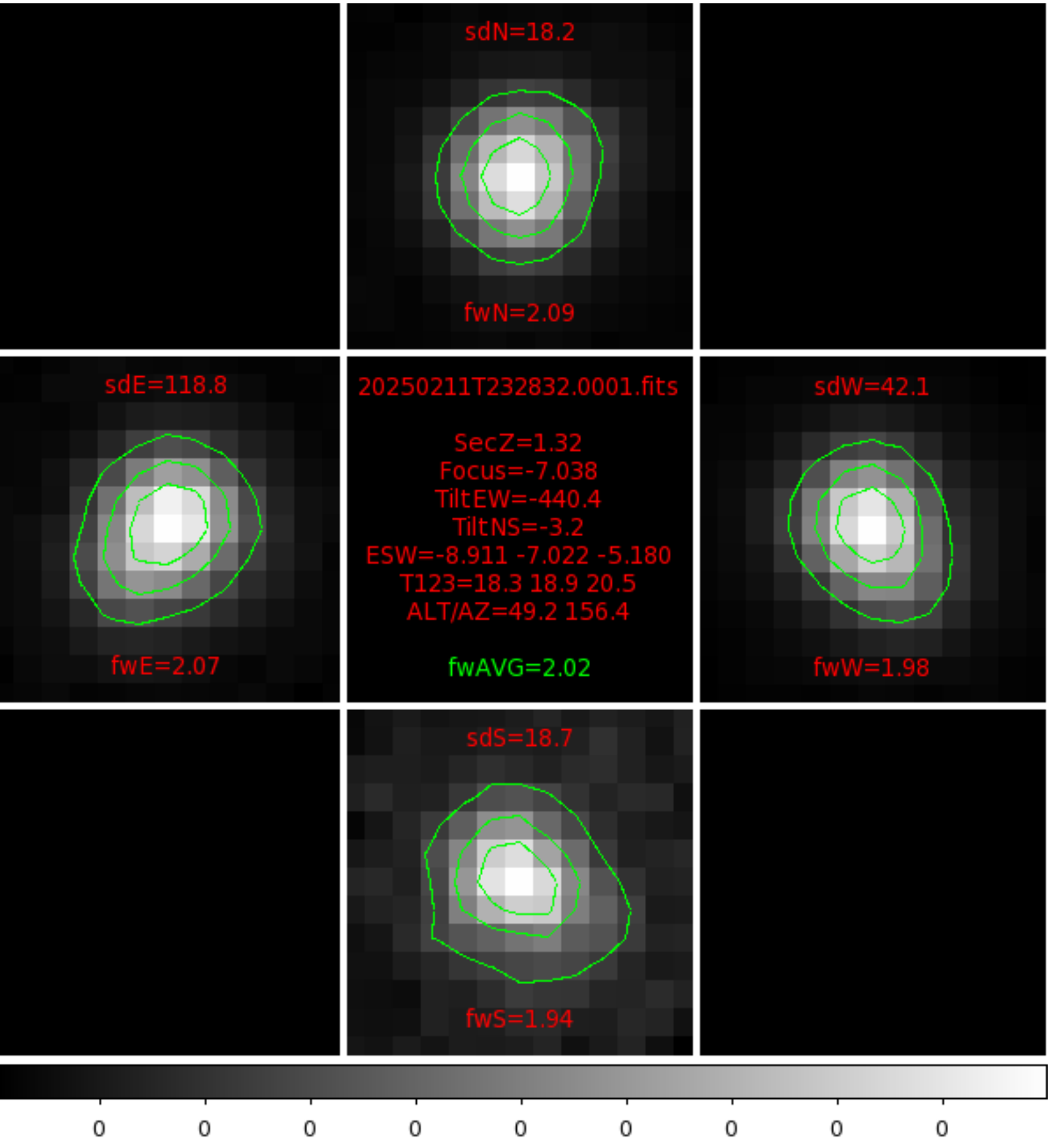

sdN=33.8
fwN=2.04
sdE=517.9
fwE=2.12
20250211T232451.0001.fits
SecZ=1.33
Focus=-7.038
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.911 -7.022 -5.180
T123=18.4 19.1 20.5
ALT/AZ=48.9 155.1
fwAVG=1.97
sdW=156.0
fwW=1.95
sdS=44.8
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=32.4
fwN=2.12
sdE=503.8
fwE=2.21
20250211T232523.0001.fits
SecZ=1.33
Focus=-7.038
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.911 -7.022 -5.180
T123=18.4 19.1 20.5
ALT/AZ=49.0 155.3
fwAVG=2.10
sdW=153.4
fwW=2.00
sdS=44.5
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=28.1
fwN=2.26
sdE=325.6
fwE=2.43
20250211T232713.0001.fits
SecZ=1.32
Focus=-7.038
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.911 -7.022 -5.180
T123=18.3 19.0 20.5
ALT/AZ=49.1 155.9
sdW=105.4
fwW=2.07
sdS=37.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=27.1
fwN=2.40
sdE=191.5
fwE=2.40
20250211T232743.0001.fits
SecZ=1.32
Focus=-7.038
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.911 -7.022 -5.180
T123=18.4 19.0 20.5
ALT/AZ=49.2 156.1
fwAVG=2.27
sdW=67.2
fwW=2.13
sdS=29.2
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=18.2
fwN=2.09
sdE=118.8
fwE=2.07
20250211T232832.0001.fits
SecZ=1.32
Focus=-7.038
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.911 -7.022 -5.180
T123=18.3 18.9 20.5
ALT/AZ=49.2 156.4
fwAVG=2.02
sdW=42.1
fwW=1.98
sdS=18.7
fwS=1.94
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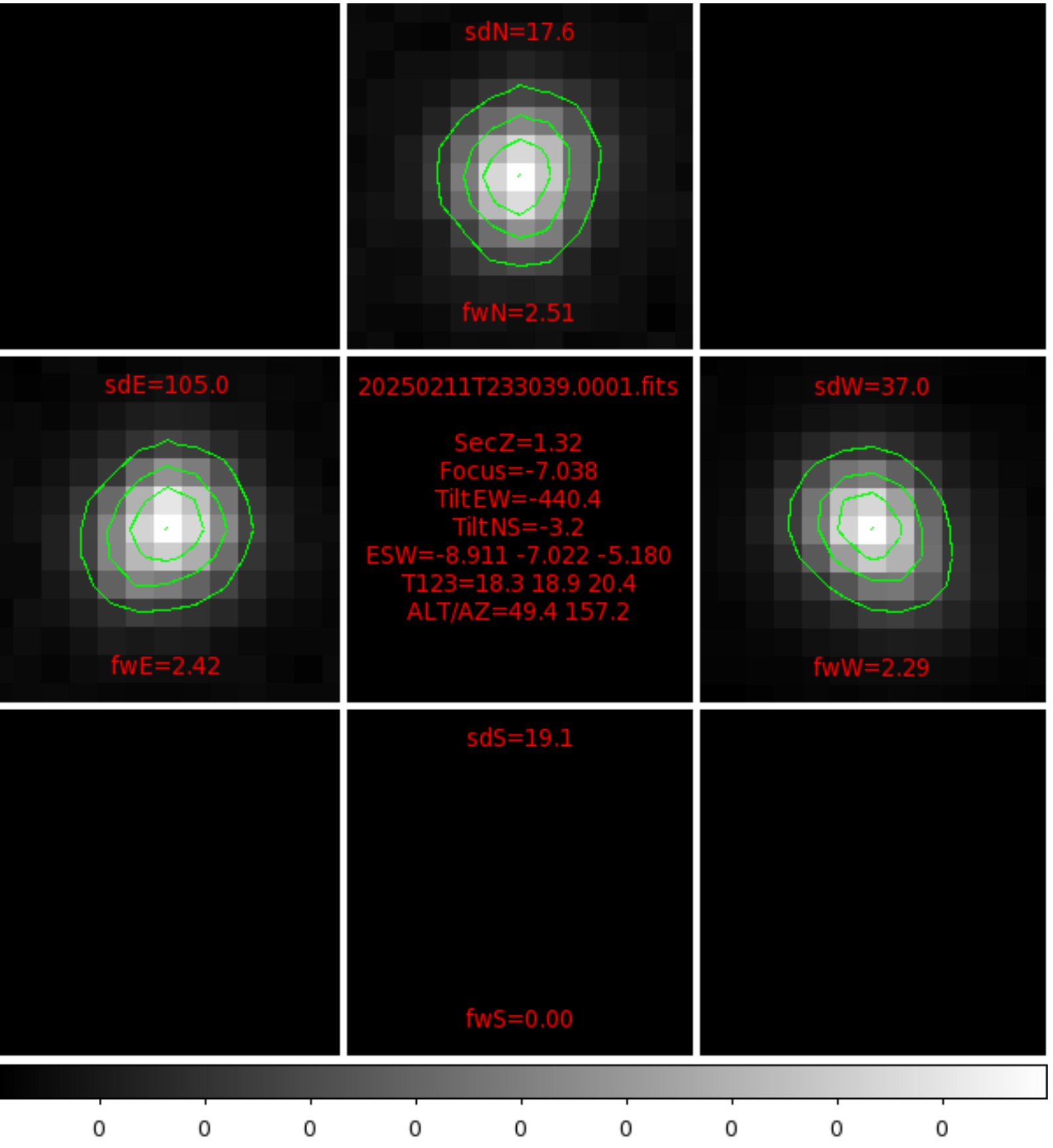
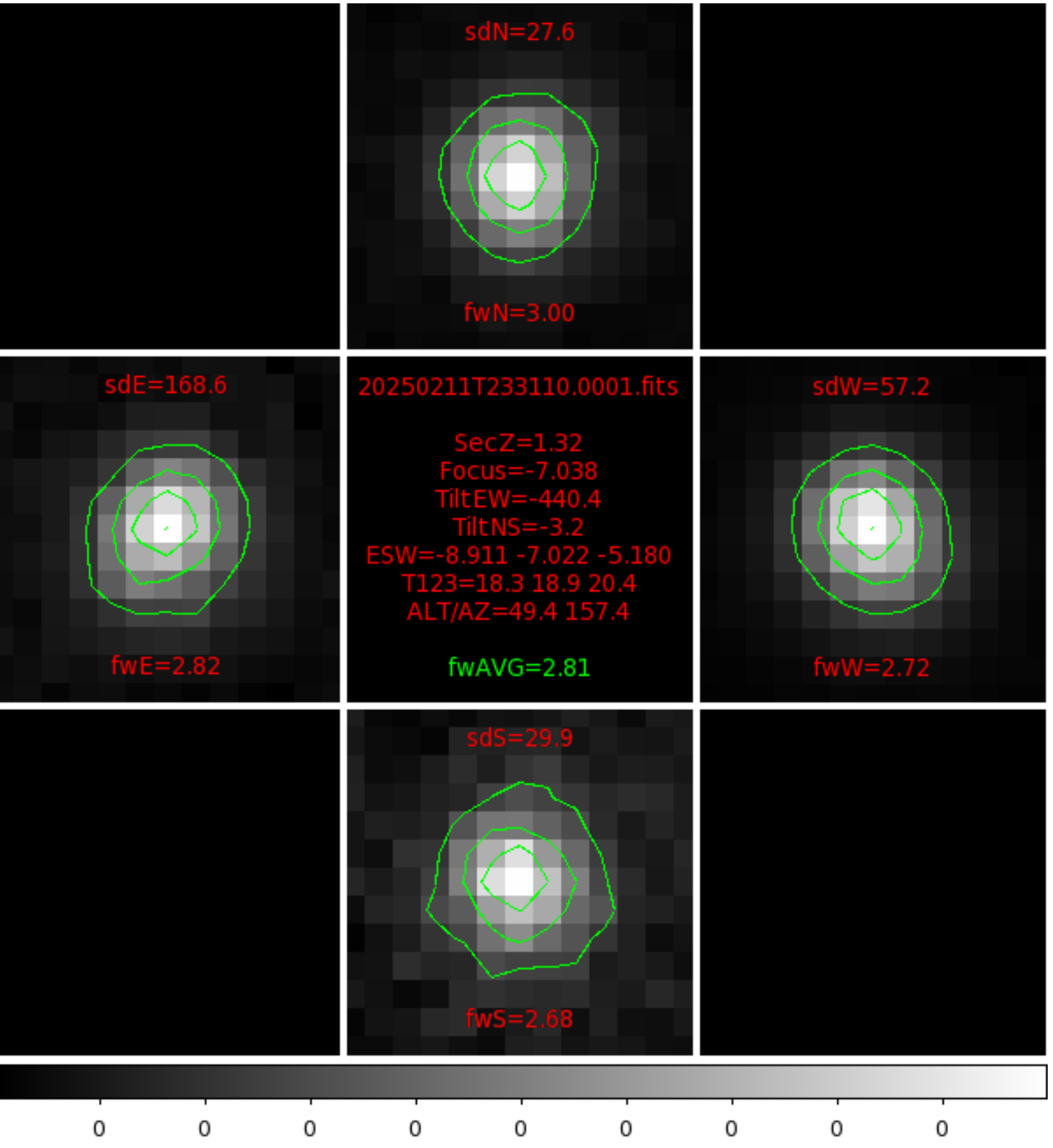
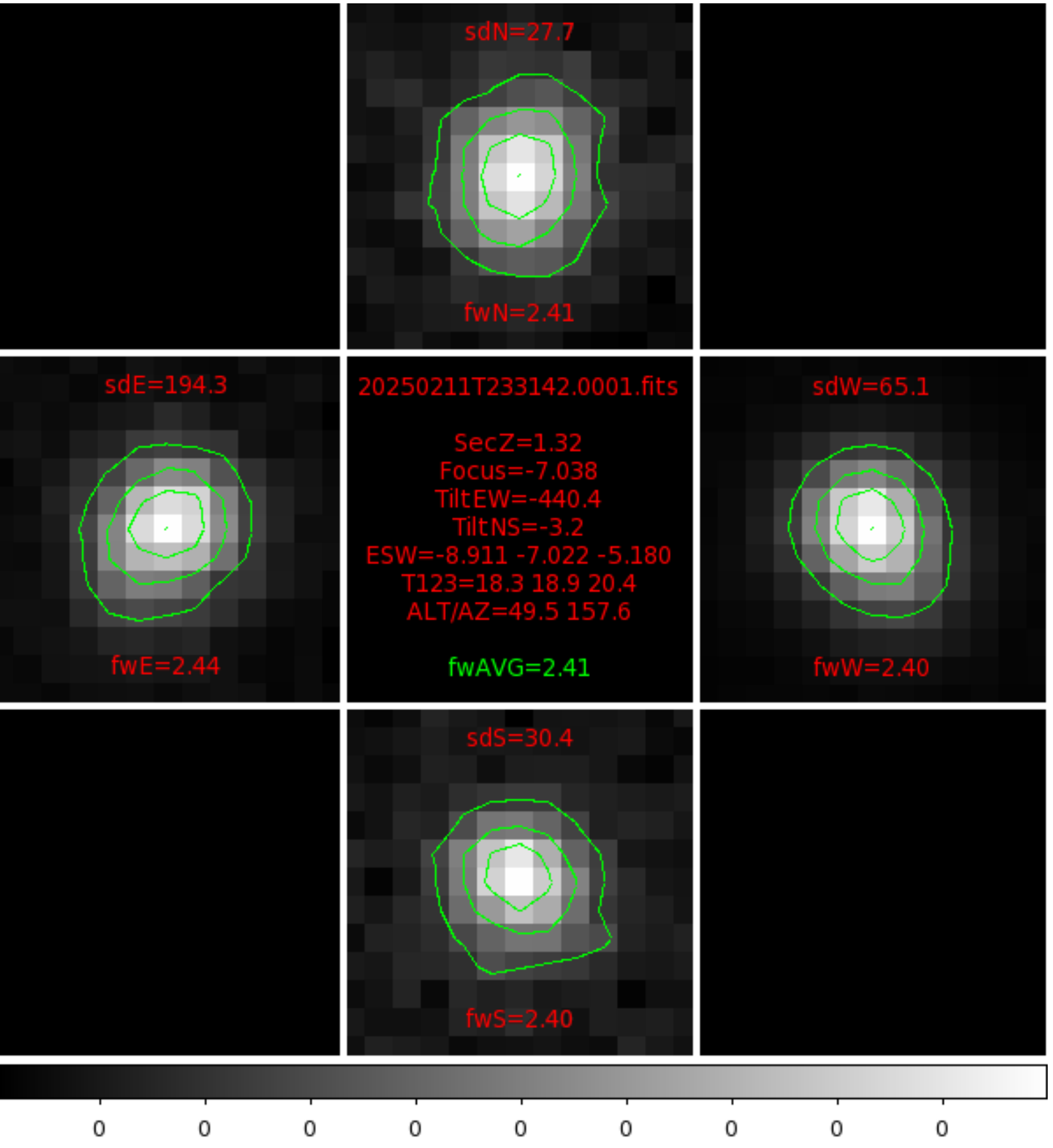
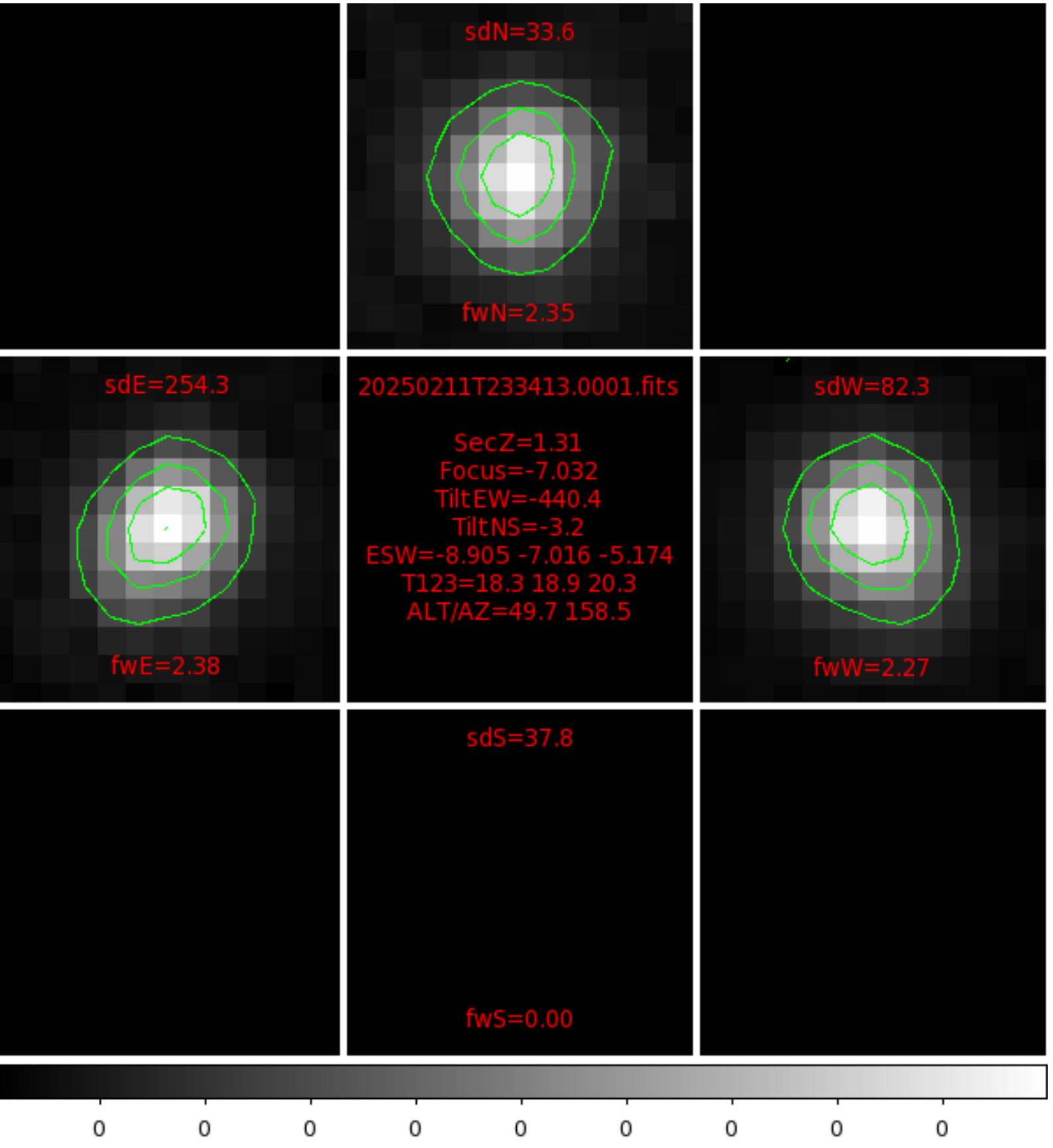
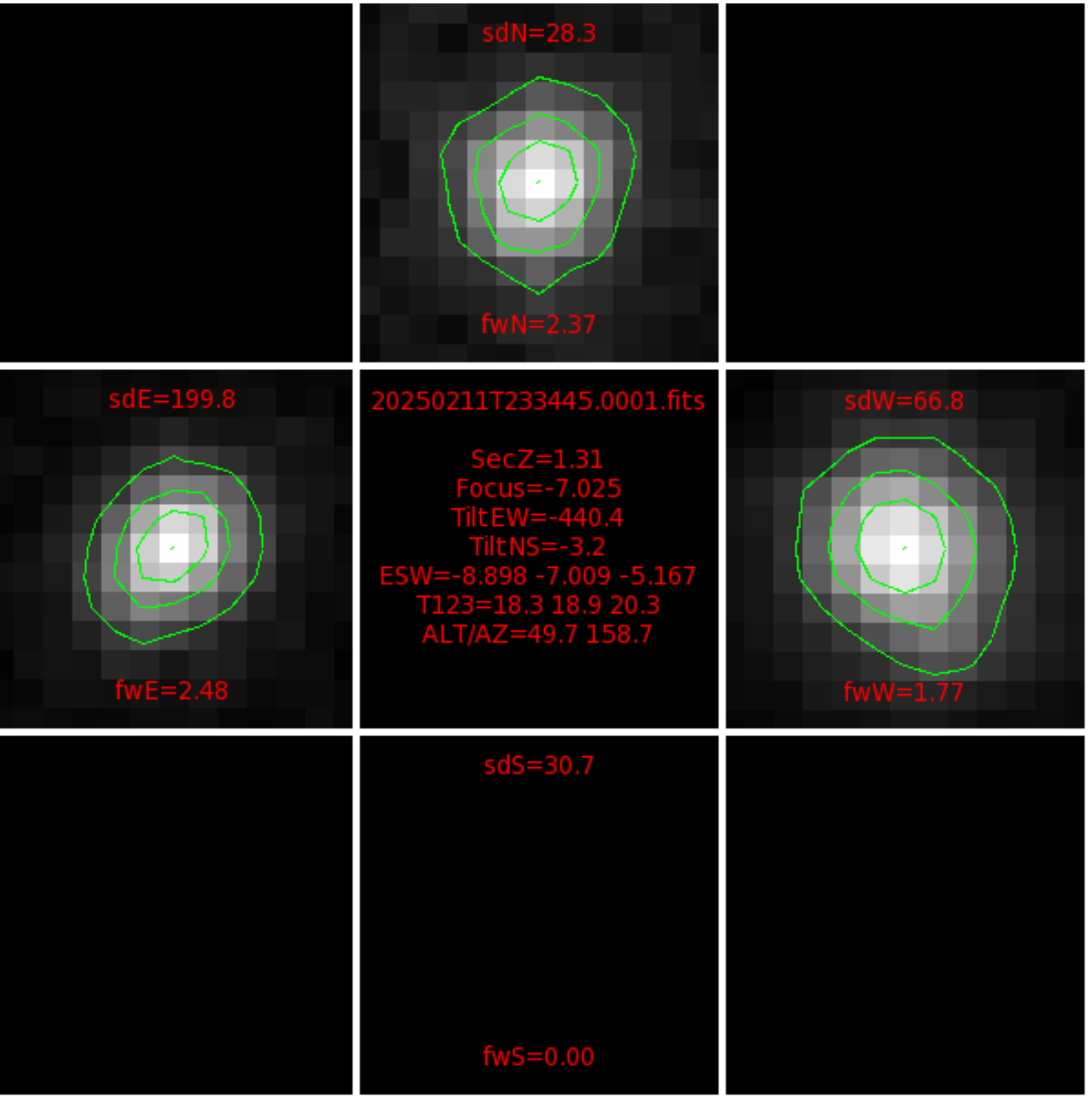
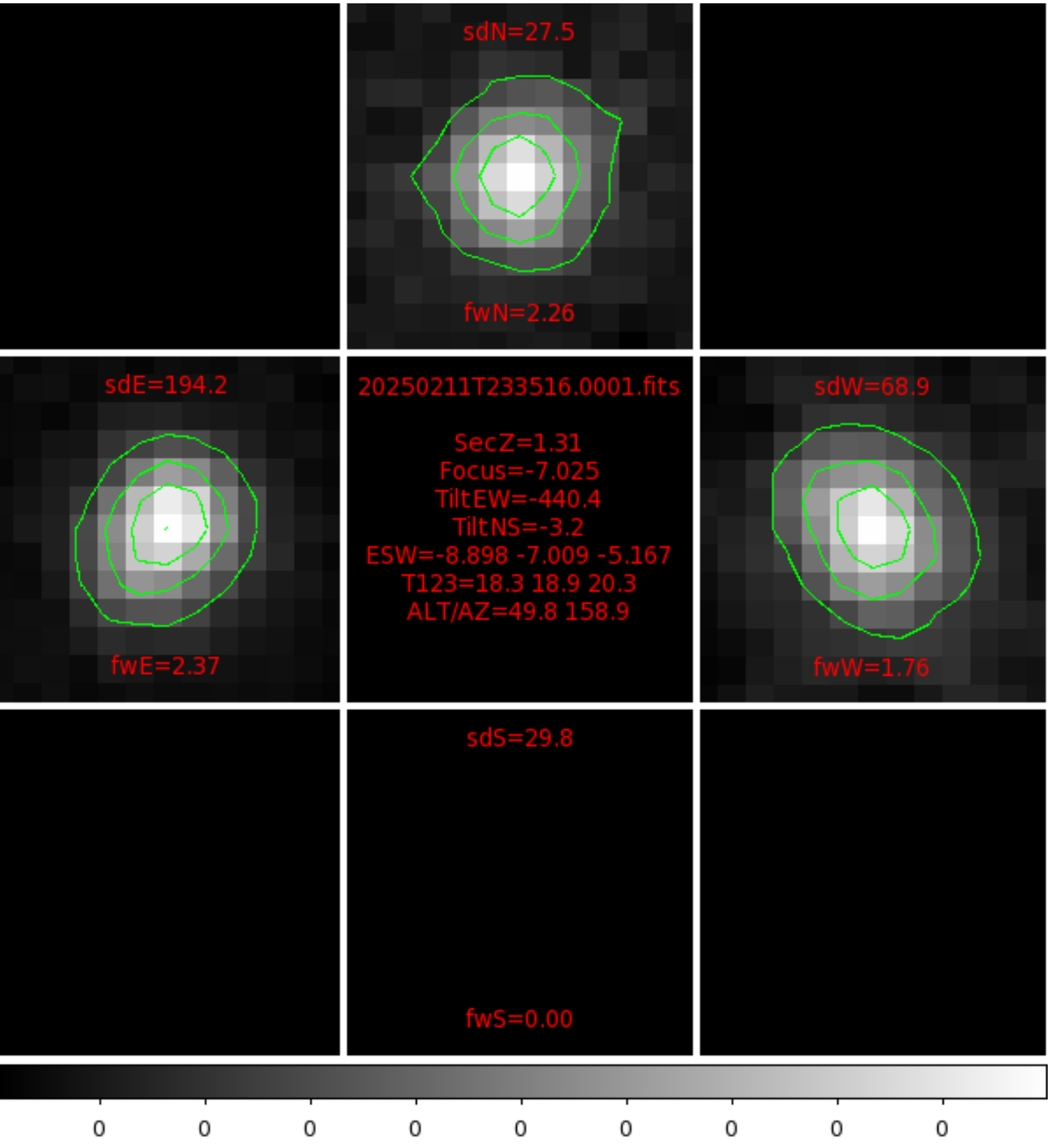

sdN=17.6
fwN=2.51
sdE=105.0
fwE=2.42
20250211T233039.0001.fits
SecZ=1.32
Focus=-7.038
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.911 -7.022 -5.180
T123=18.3 18.9 20.4
ALT/AZ=49.4 157.2
sdW=37.0
fwW=2.29
sdS=19.1
fwS=0.00
0 0 0 0 0 0 0 0 0

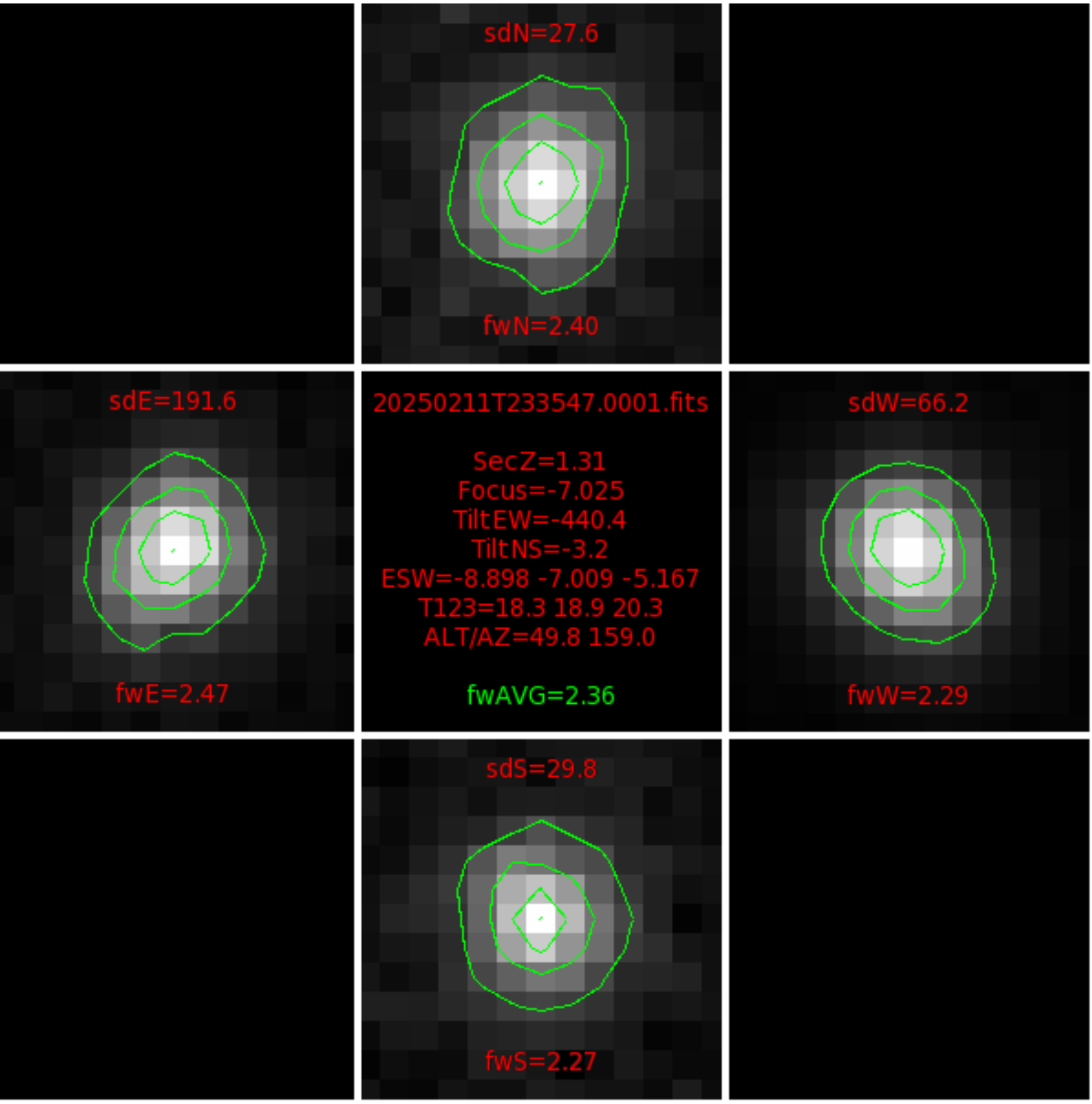

sdN=27.6
fwN=3.00
sdE=168.6
fwE=2.82
20250211T233110.0001.fits
SecZ=1.32
Focus=-7.038
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.911 -7.022 -5.180
T123=18.3 18.9 20.4
ALT/AZ=49.4 157.4
fwAVG=2.81
sdW=57.2
fwW=2.72
sdS=29.9
fwS=2.68
0 0 0 0 0 0 0 0 0

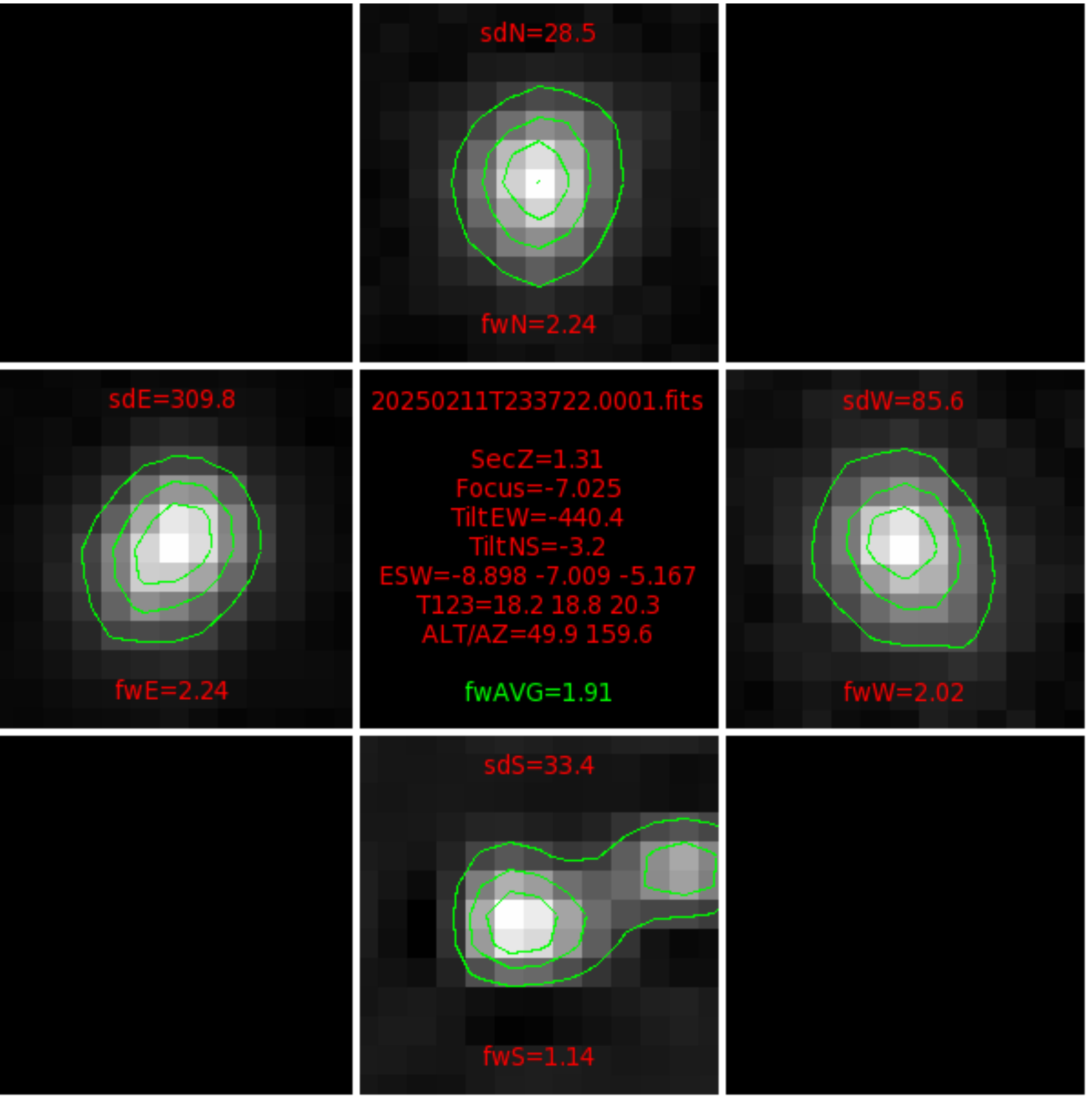

sdN=27.7
fwN=2.41
sdE=194.3
fwE=2.44
20250211T233142.0001.fits
SecZ=1.32
Focus=-7.038
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.911 -7.022 -5.180
T123=18.3 18.9 20.4
ALT/AZ=49.5 157.6
fwAVG=2.41
sdW=65.1
fwW=2.40
sdS=30.4
fwS=2.40
0 0 0 0 0 0 0 0 0


sdN=33.6
fwN=2.35
sdE=254.3
fwE=2.38
20250211T233413.0001.fits
SecZ=1.31
Focus=-7.032
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.905 -7.016 -5.174
T123=18.3 18.9 20.3
ALT/AZ=49.7 158.5
sdW=82.3
fwW=2.27
sdS=37.8
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=28.3
fwN=2.37
sdE=199.8
fwE=2.48
20250211T233445.0001.fits
SecZ=1.31
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.3 18.9 20.3
ALT/AZ=49.7 158.7
sdW=66.8
fwW=1.77
sdS=30.7
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=27.5
fwN=2.26
sdE=194.2
fwE=2.37
20250211T233516.0001.fits
SecZ=1.31
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.3 18.9 20.3
ALT/AZ=49.8 158.9
sdW=68.9
fwW=1.76
sdS=29.8
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=27.6
fwN=2.40
sdE=191.6
fwE=2.47
20250211T233547.0001.fits
SecZ=1.31
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.3 18.9 20.3
ALT/AZ=49.8 159.0
fwAVG=2.36
sdW=66.2
fwW=2.29
sdS=29.8
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=28.5
fwN=2.24
sdE=309.8
fwE=2.24
20250211T233722.0001.fits
SecZ=1.31
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.2 18.8 20.3
ALT/AZ=49.9 159.6
fwAVG=1.91
sdW=85.6
fwW=2.02
sdS=33.4
fwS=1.14
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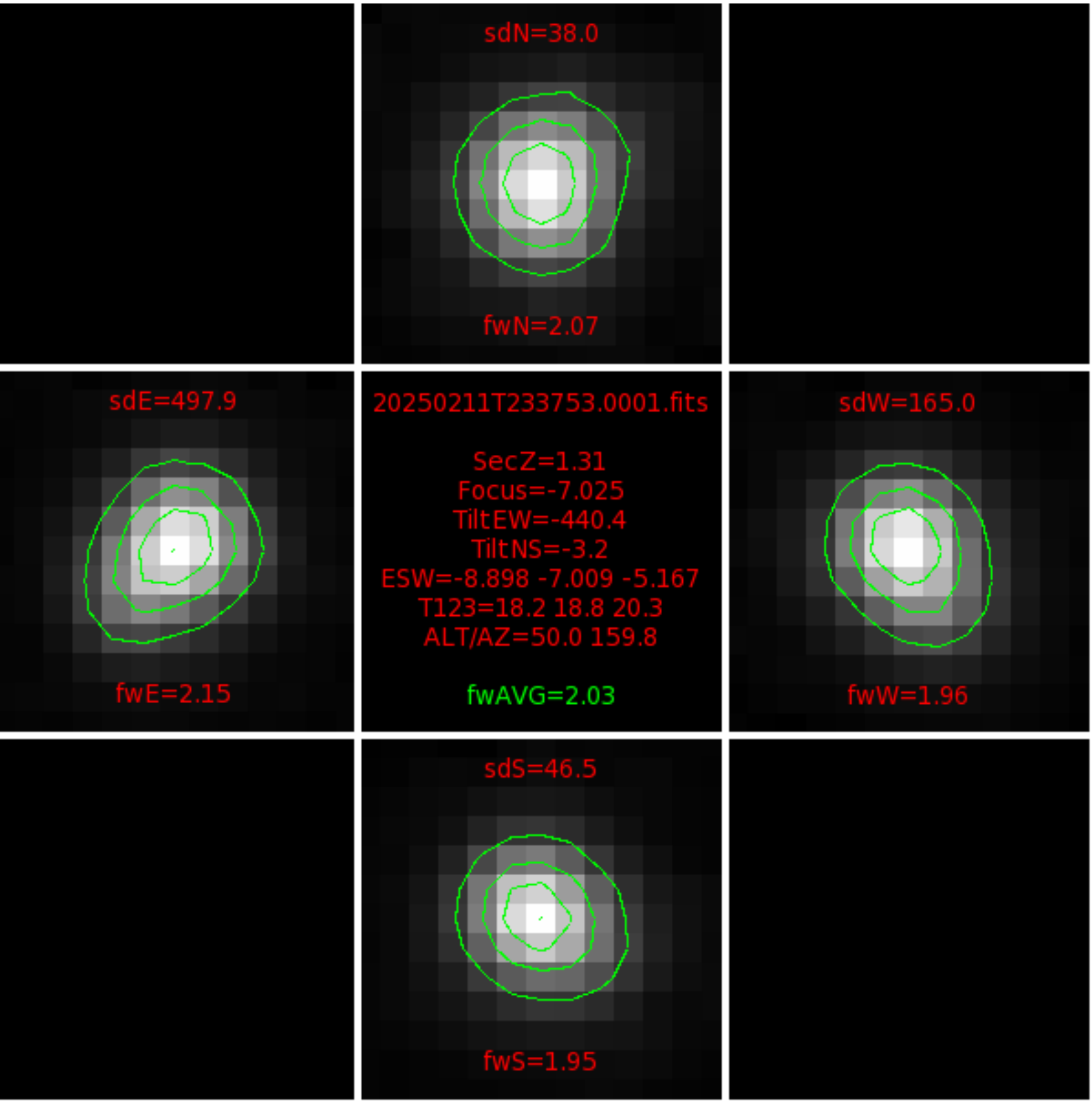
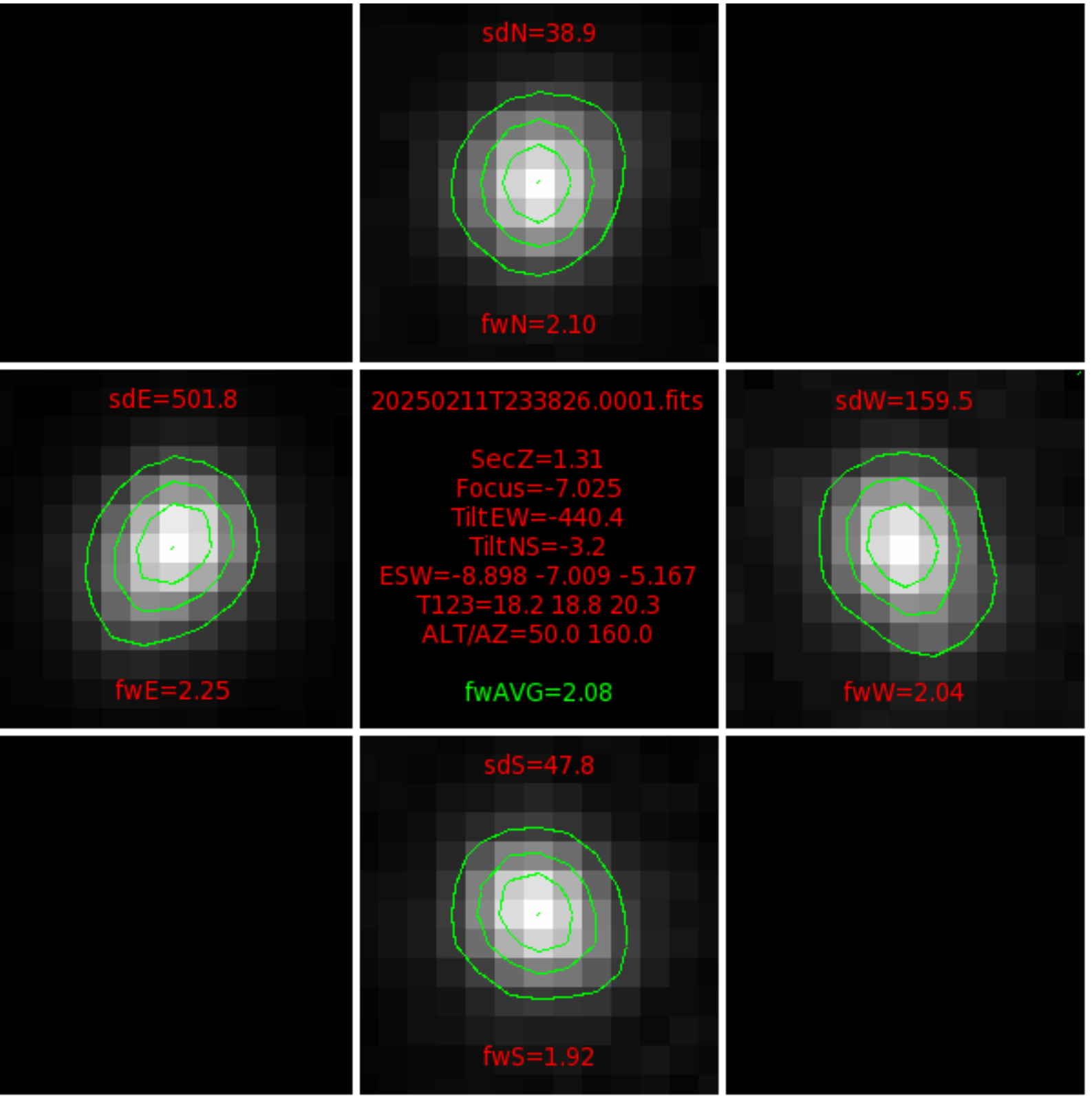
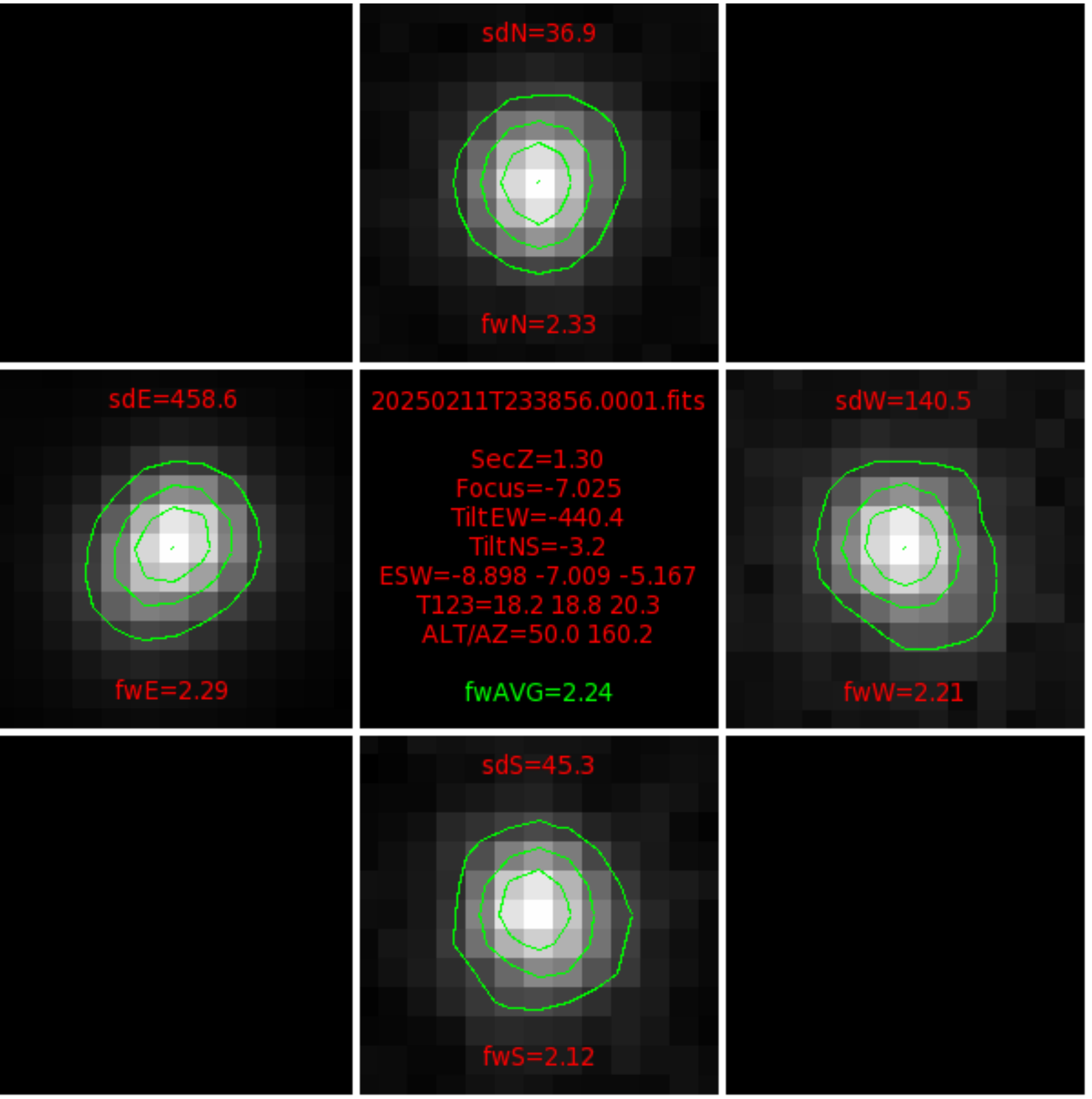

sdN=38.0
fwN=2.07
sdE=497.9
fwE=2.15
20250211T233753.0001.fits
SecZ=1.31
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.2 18.8 20.3
ALT/AZ=50.0 159.8
fwAVG=2.03
sdW=165.0
fwW=1.96
sdS=46.5
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=38.9
fwN=2.10
sdE=501.8
fwE=2.25
20250211T233826.0001.fits
SecZ=1.31
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.2 18.8 20.3
ALT/AZ=50.0 160.0
fwAVG=2.08
sdW=159.5
fwW=2.04
sdS=47.8
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=36.9
fwN=2.33
sdE=458.6
fwE=2.29
20250211T233856.0001.fits
SecZ=1.30
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.2 18.8 20.3
ALT/AZ=50.0 160.2
fwAVG=2.24
sdW=140.5
fwW=2.21
sdS=45.3
fwS=2.12
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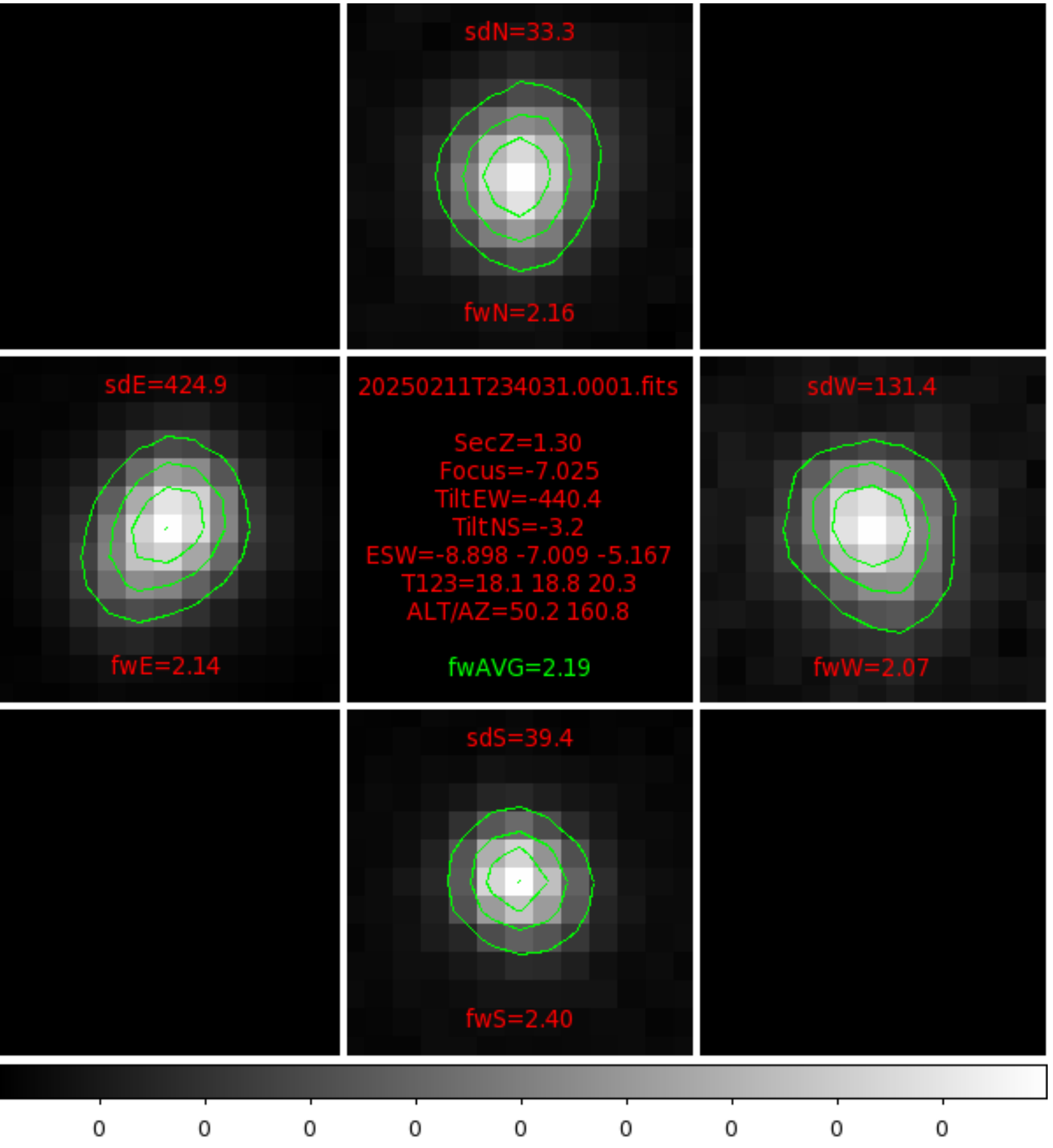
sdN=33.3
fwN=2.16
sdE=424.9
fwE=2.14
20250211T234031.0001.fits
SecZ=1.30
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.1 18.8 20.3
ALT/AZ=50.2 160.8
fwAVG=2.19
sdW=131.4
fwW=2.07
sdS=39.4
fwS=2.40
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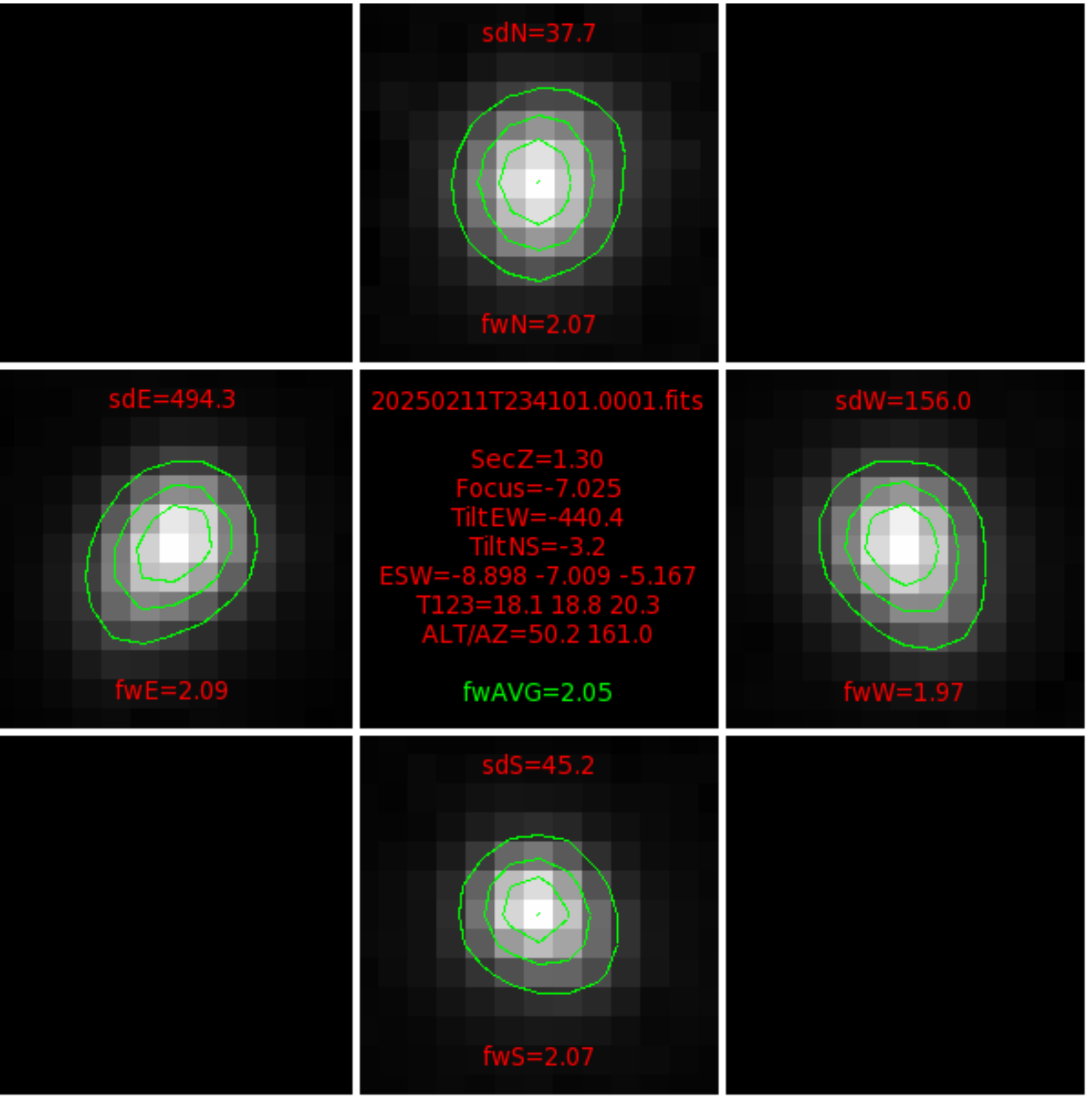
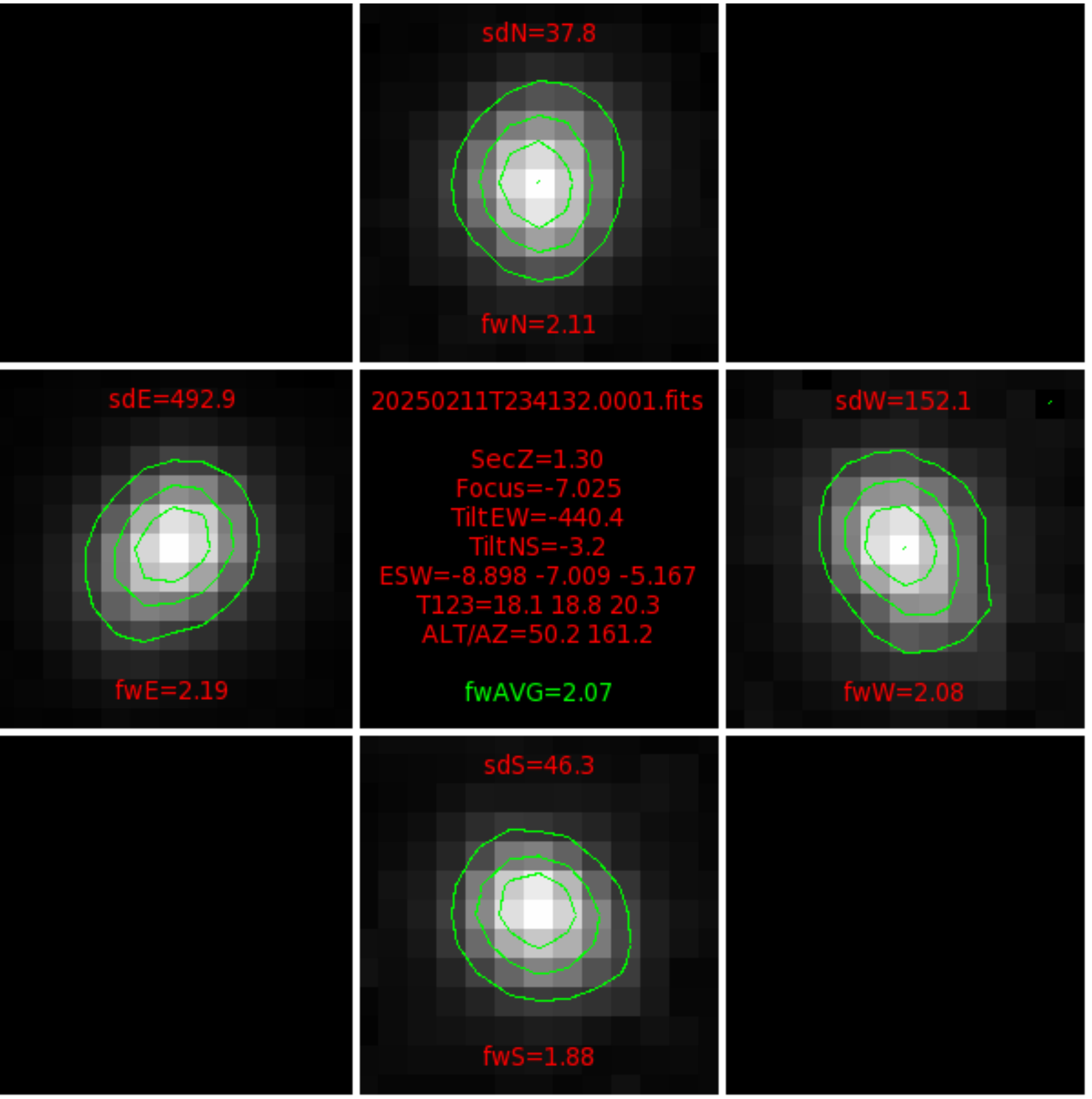

sdN=37.7
fwN=2.07
sdE=494.3
fwE=2.09
20250211T234101.0001.fits
SecZ=1.30
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.1 18.8 20.3
ALT/AZ=50.2 161.0
fwAVG=2.05
sdW=156.0
fwW=1.97
sdS=45.2
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=37.8
fwN=2.11
sdE=492.9
fwE=2.19
20250211T234132.0001.fits
SecZ=1.30
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.1 18.8 20.3
ALT/AZ=50.2 161.2
fwAVG=2.07
sdW=152.1
fwW=2.08
sdS=46.3
fwS=1.88
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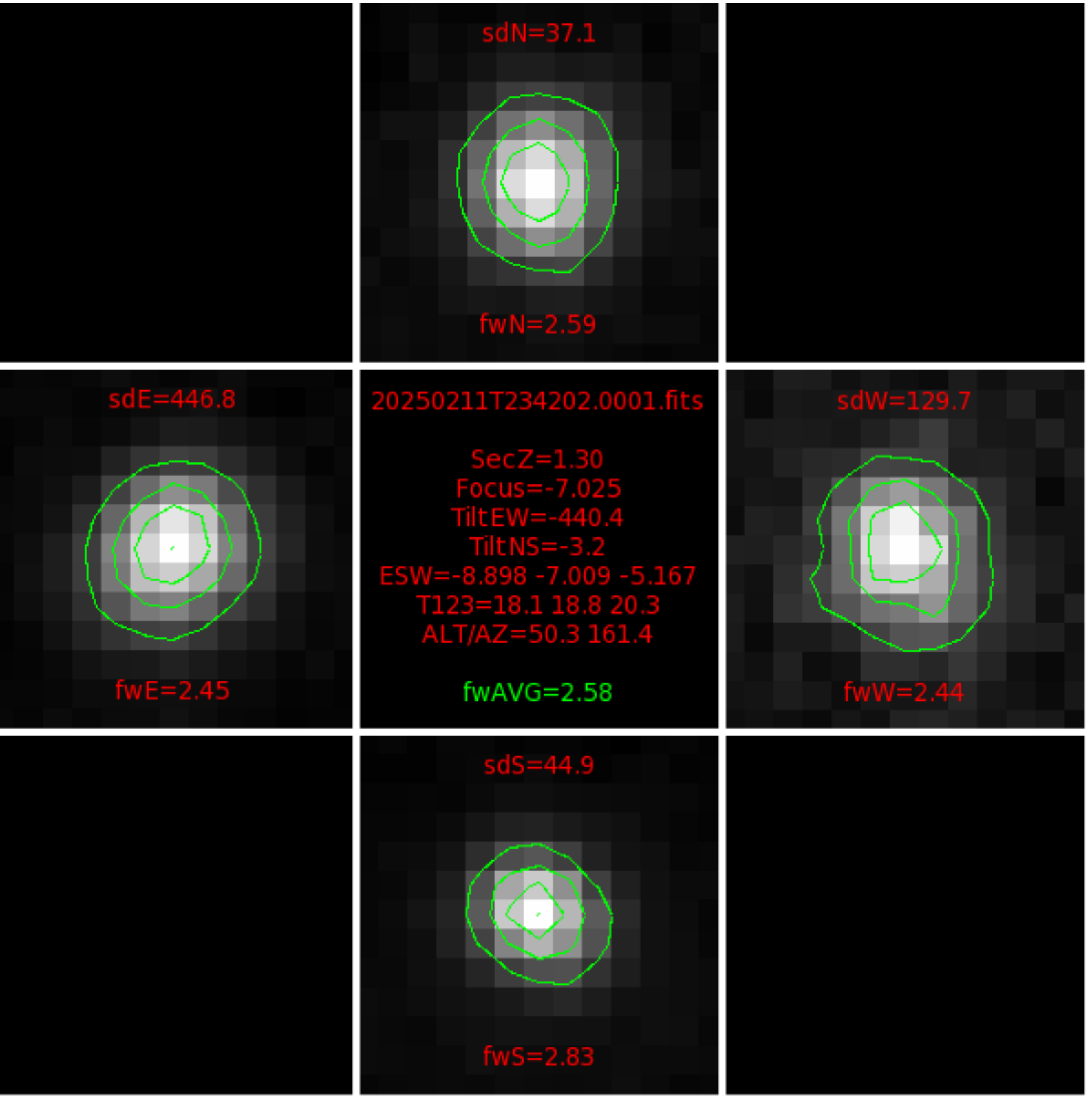
sdN=37.1
fwN=2.59
sdE=446.8
fwE=2.45
20250211T234202.0001.fits
SecZ=1.30
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.1 18.8 20.3
ALT/AZ=50.3 161.4
fwAVG=2.58
sdW=129.7
fwW=2.44
sdS=44.9
fwS=2.83
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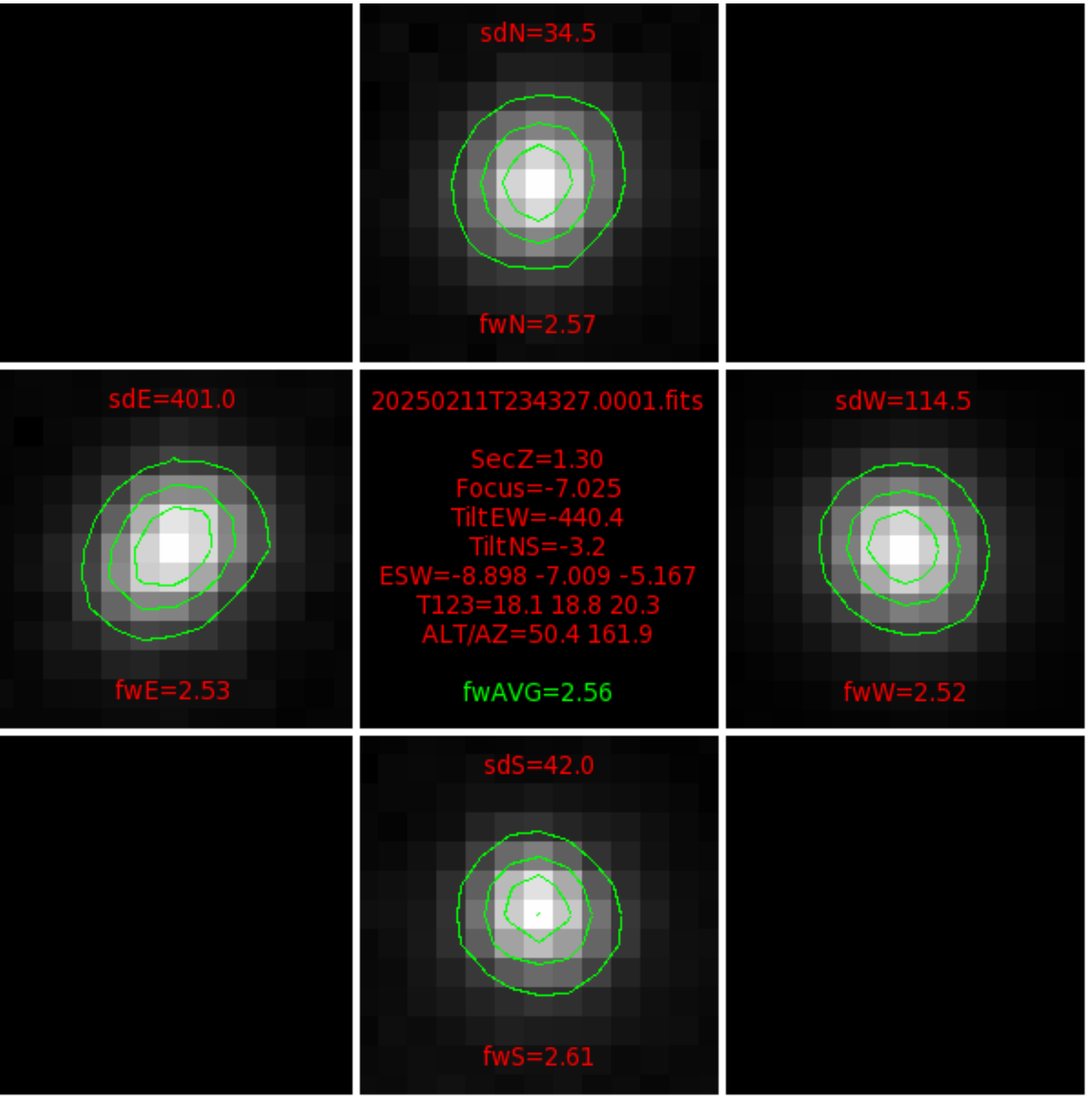
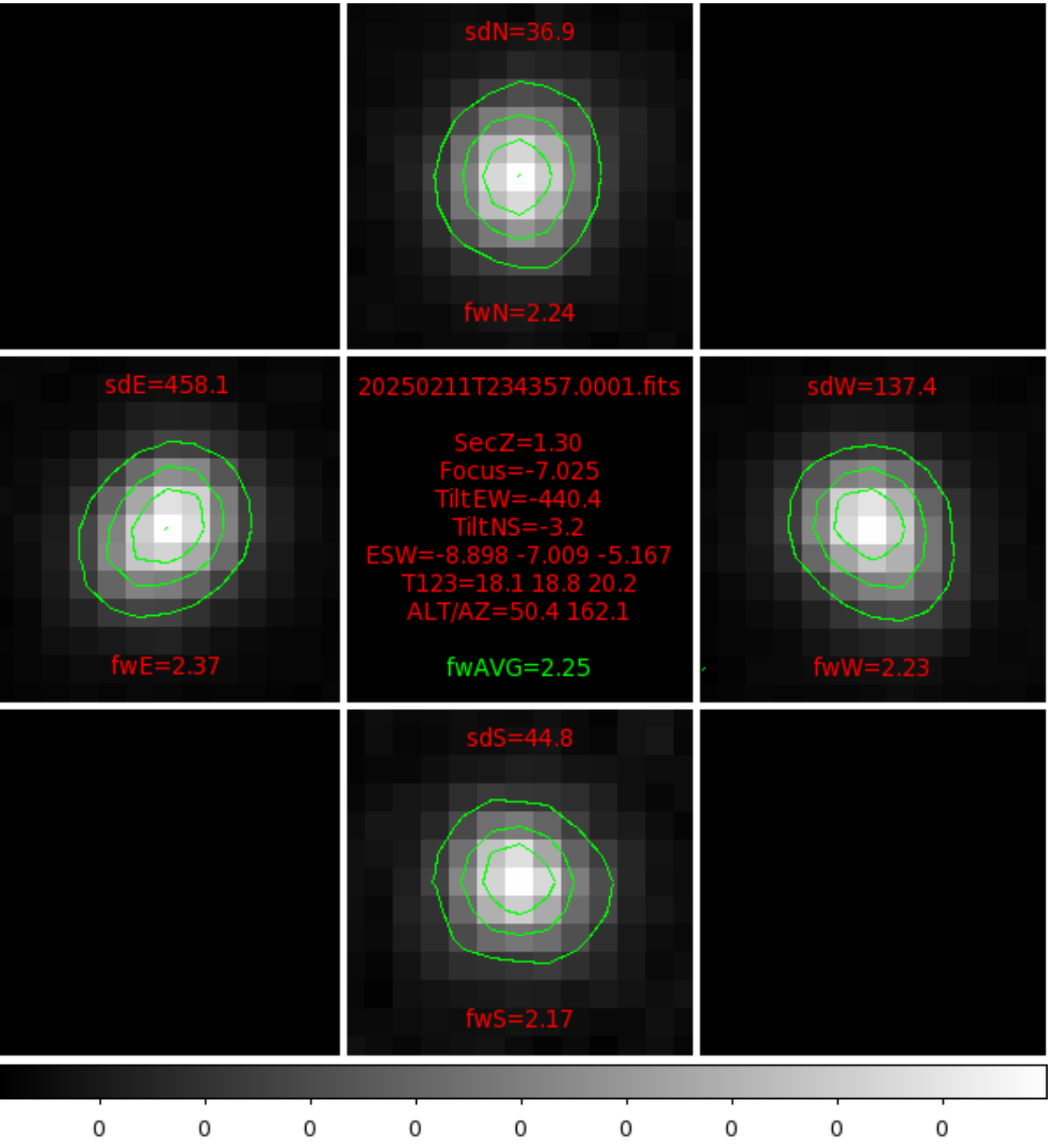

sdN=34.5
fwN=2.57
sdE=401.0
fwE=2.53
20250211T234327.0001.fits
SecZ=1.30
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.1 18.8 20.3
ALT/AZ=50.4 161.9
fwAVG=2.56
sdW=114.5
fwW=2.52
sdS=42.0
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=36.9
fwN=2.24
sdE=458.1
fwE=2.37
20250211T234357.0001.fits
SecZ=1.30
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.1 18.8 20.2
ALT/AZ=50.4 162.1
fwAVG=2.25
sdW=137.4
fwW=2.23
sdS=44.8
fwS=2.17
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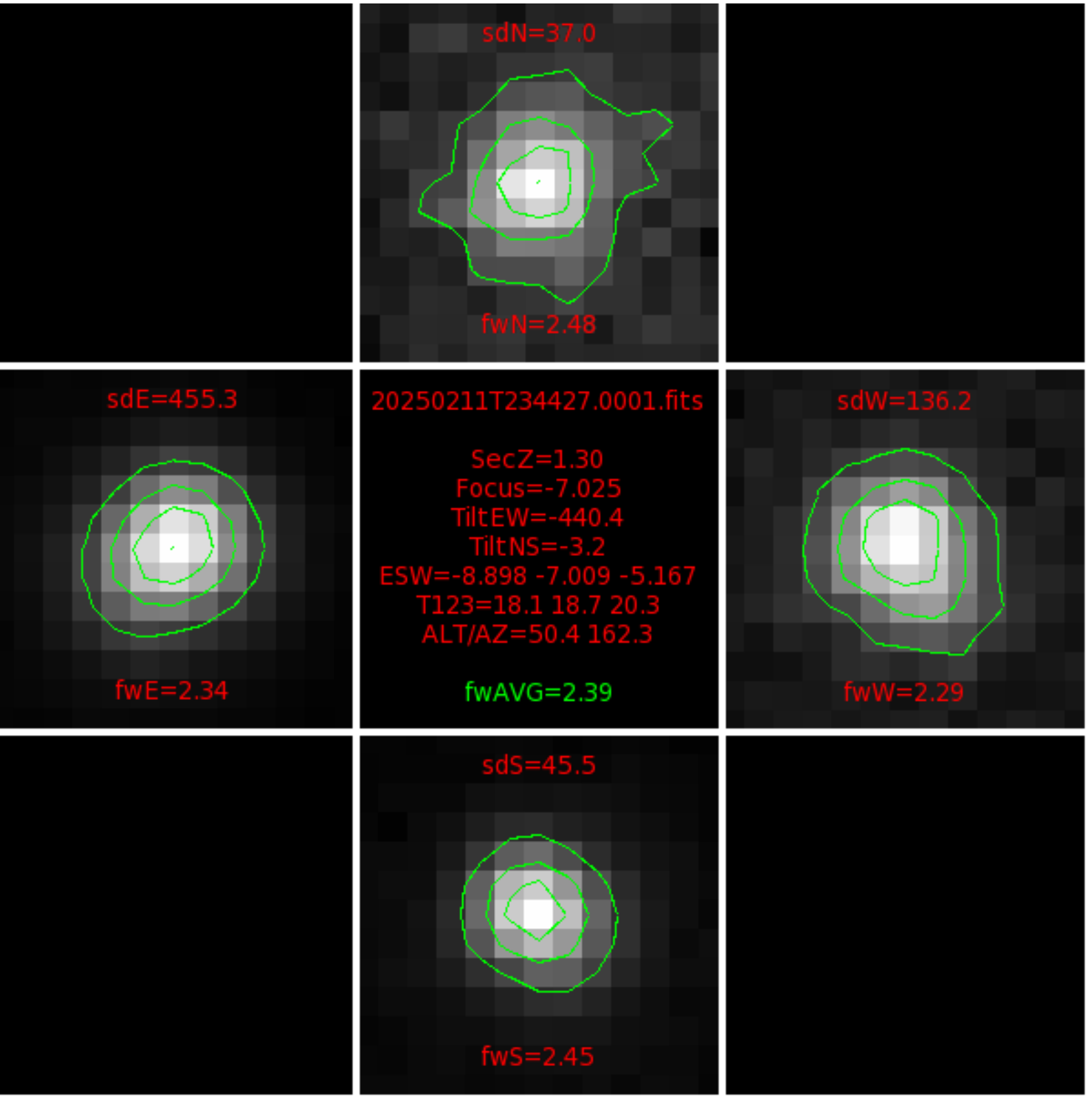
sdN=37.0
fwN=2.48
sdE=455.3
fwE=2.34
20250211T234427.0001.fits
SecZ=1.30
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.1 18.7 20.3
ALT/AZ=50.4 162.3
fwAVG=2.39
sdW=136.2
fwW=2.29
sdS=45.5
fwS=2.45
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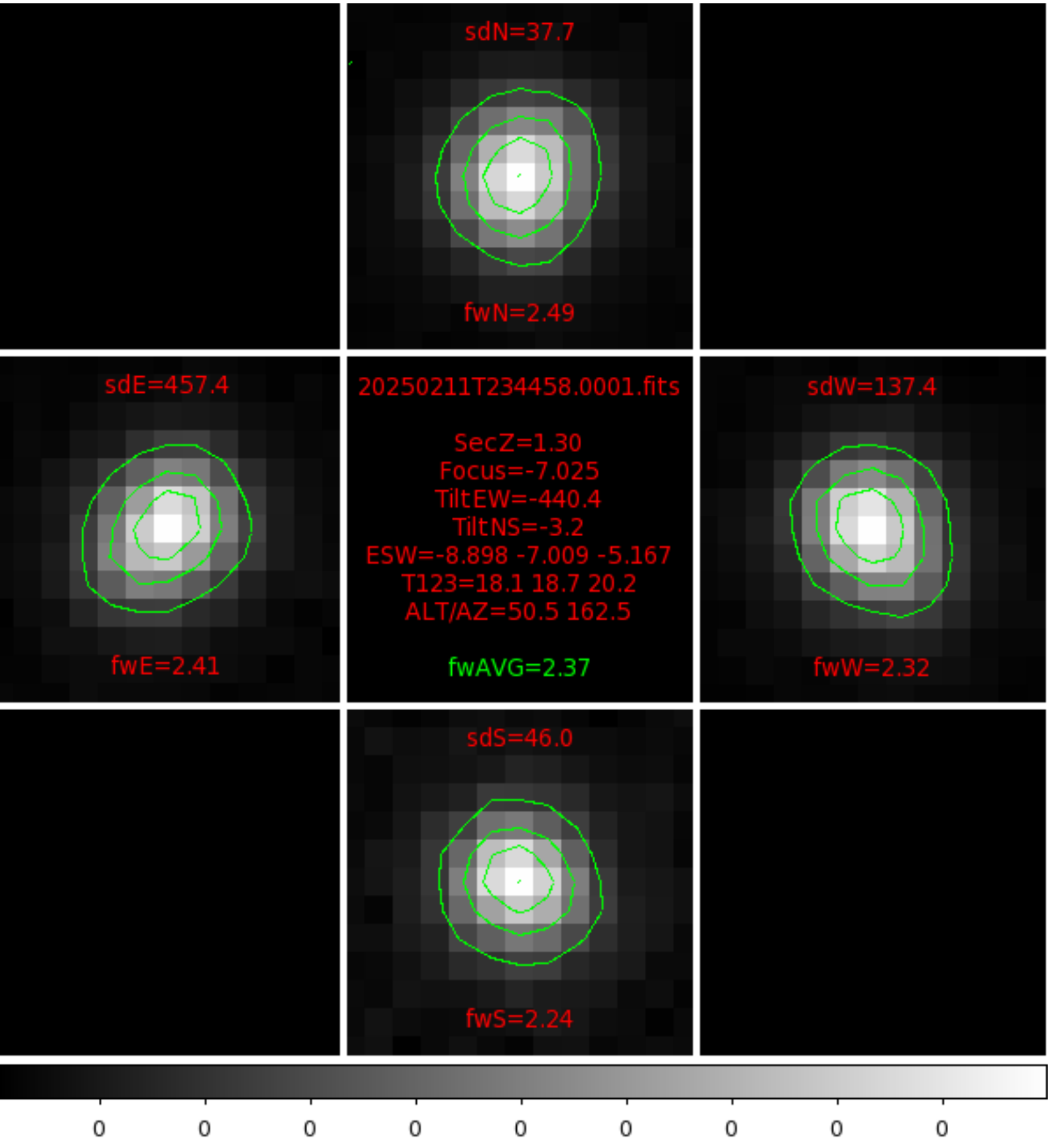
sdN=37.7
fwN=2.49
sdE=457.4
fwE=2.41
20250211T234458.0001.fits
SecZ=1.30
Focus=-7.025
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.898 -7.009 -5.167
T123=18.1 18.7 20.2
ALT/AZ=50.5 162.5
fwAVG=2.37
sdW=137.4
fwW=2.32
sdS=46.0
fwS=2.24
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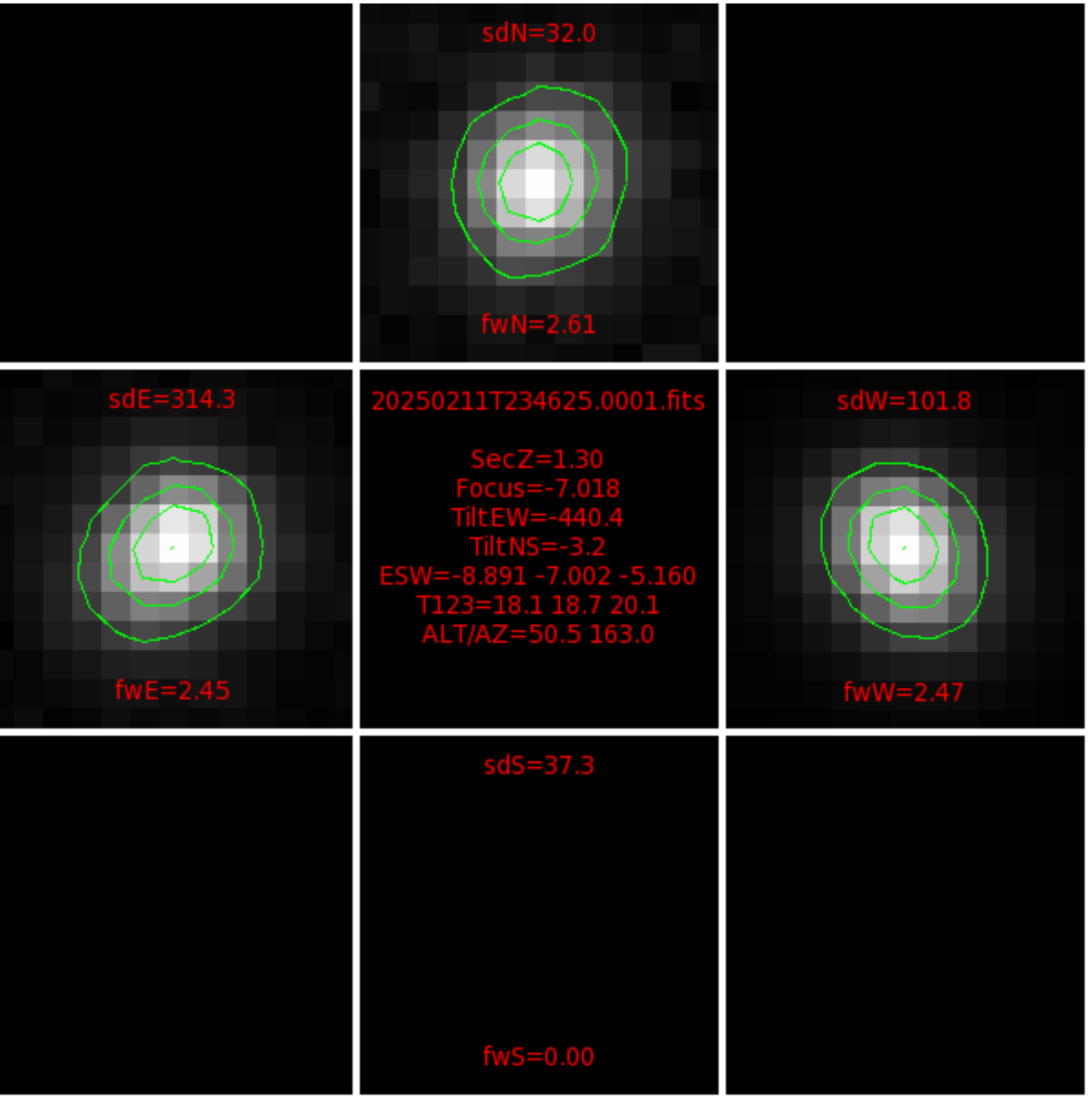
sdN=32.0
fwN=2.61
sdE=314.3
fwE=2.45
20250211T234625.0001.fits
SecZ=1.30
Focus=-7.018
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.891 -7.002 -5.160
T123=18.1 18.7 20.1
ALT/AZ=50.5 163.0
sdW=101.8
fwW=2.47
sdS=37.3
fwS=0.00
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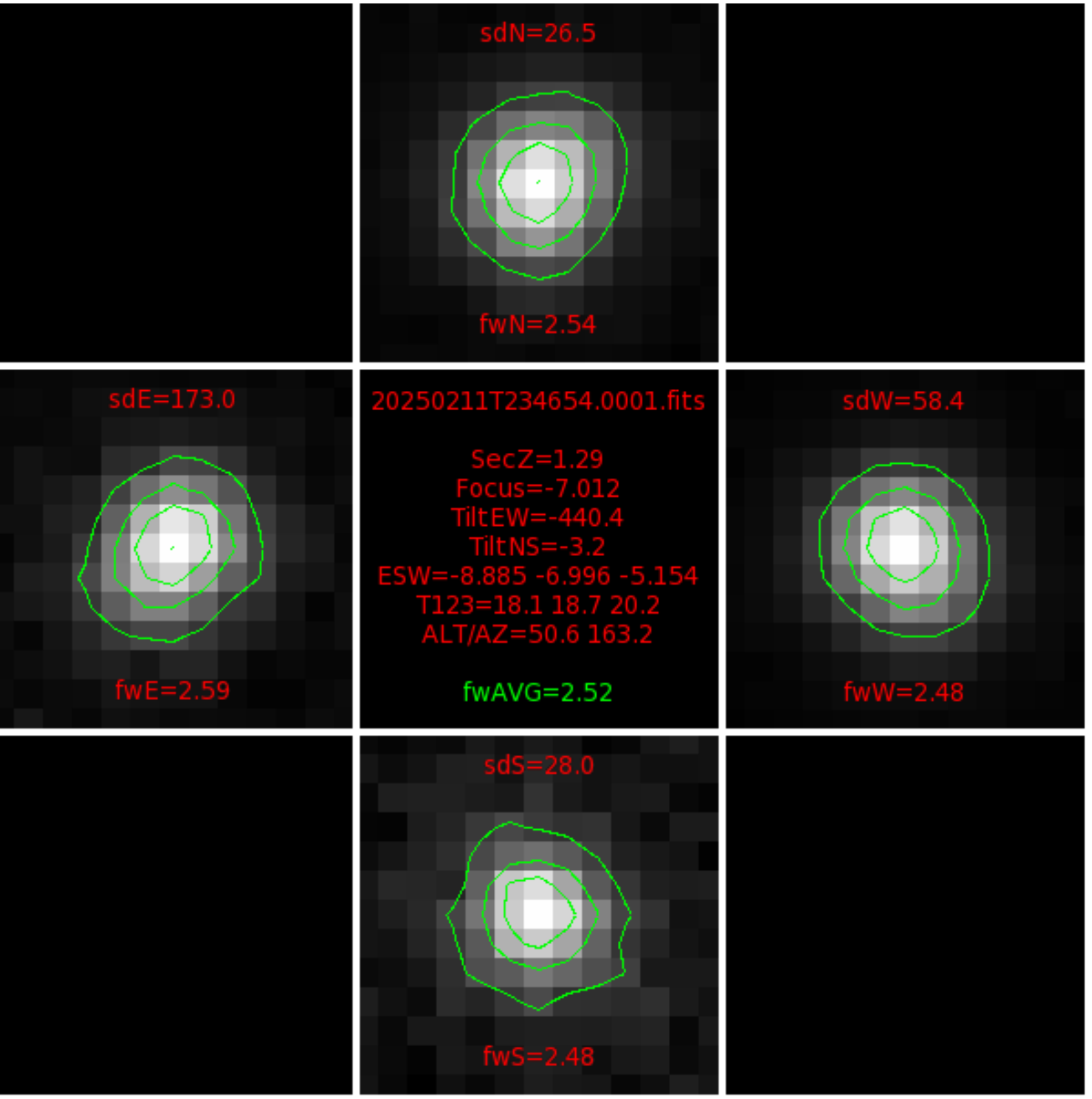
sdN=26.5
fwN=2.54
sdE=173.0
fwE=2.59
20250211T234654.0001.fits
SecZ=1.29
Focus=-7.012
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.885 -6.996 -5.154
T123=18.1 18.7 20.2
ALT/AZ=50.6 163.2
fwAVG=2.52
sdW=58.4
fwW=2.48
sdS=28.0
fwS=2.48
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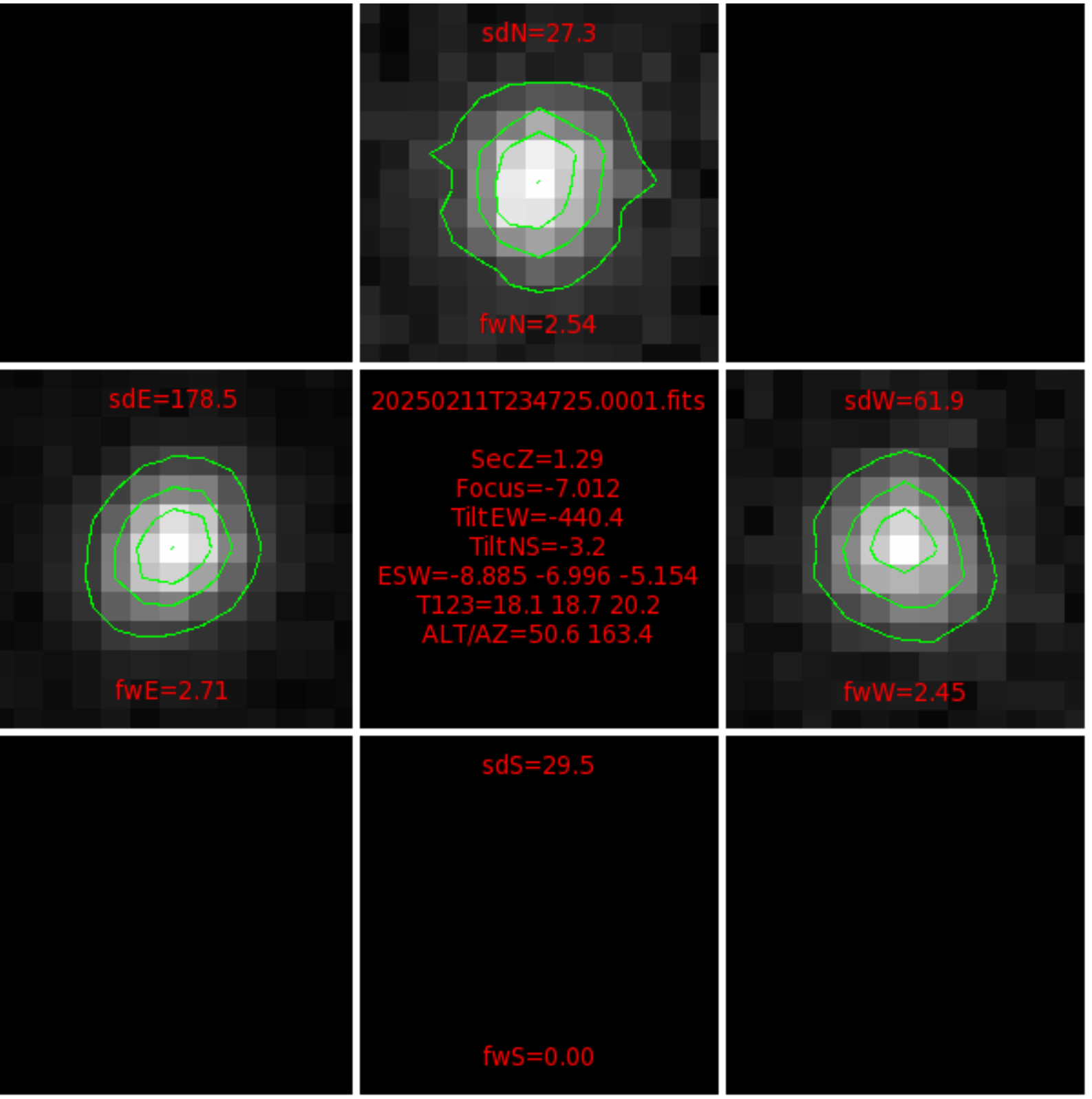
sdN=27.3
fwN=2.54
sdE=178.5
fwE=2.71
20250211T234725.0001.fits
SecZ=1.29
Focus=-7.012
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.885 -6.996 -5.154
T123=18.1 18.7 20.2
ALT/AZ=50.6 163.4
sdW=61.9
fwW=2.45
sdS=29.5
fwS=0.00
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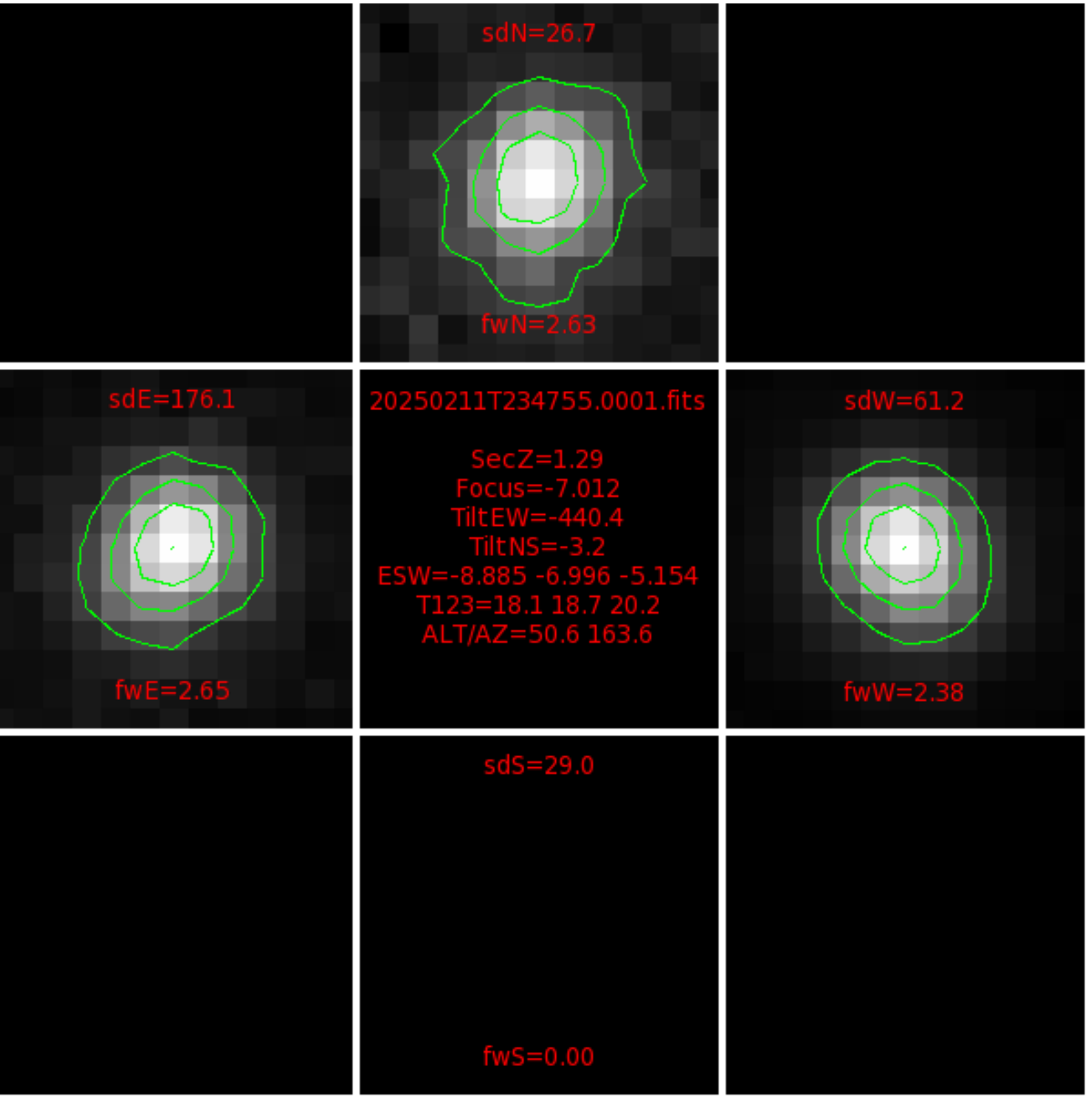
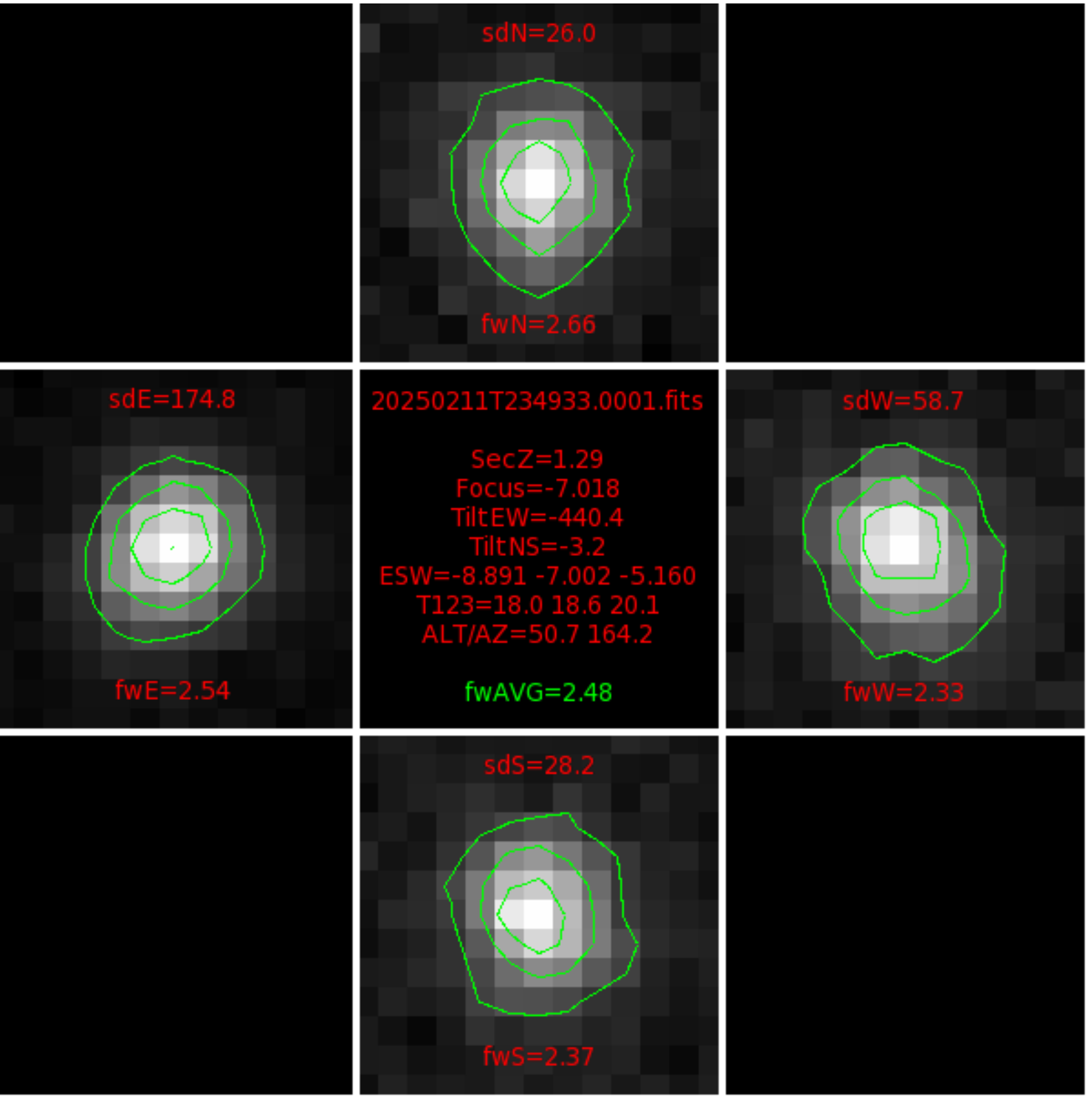
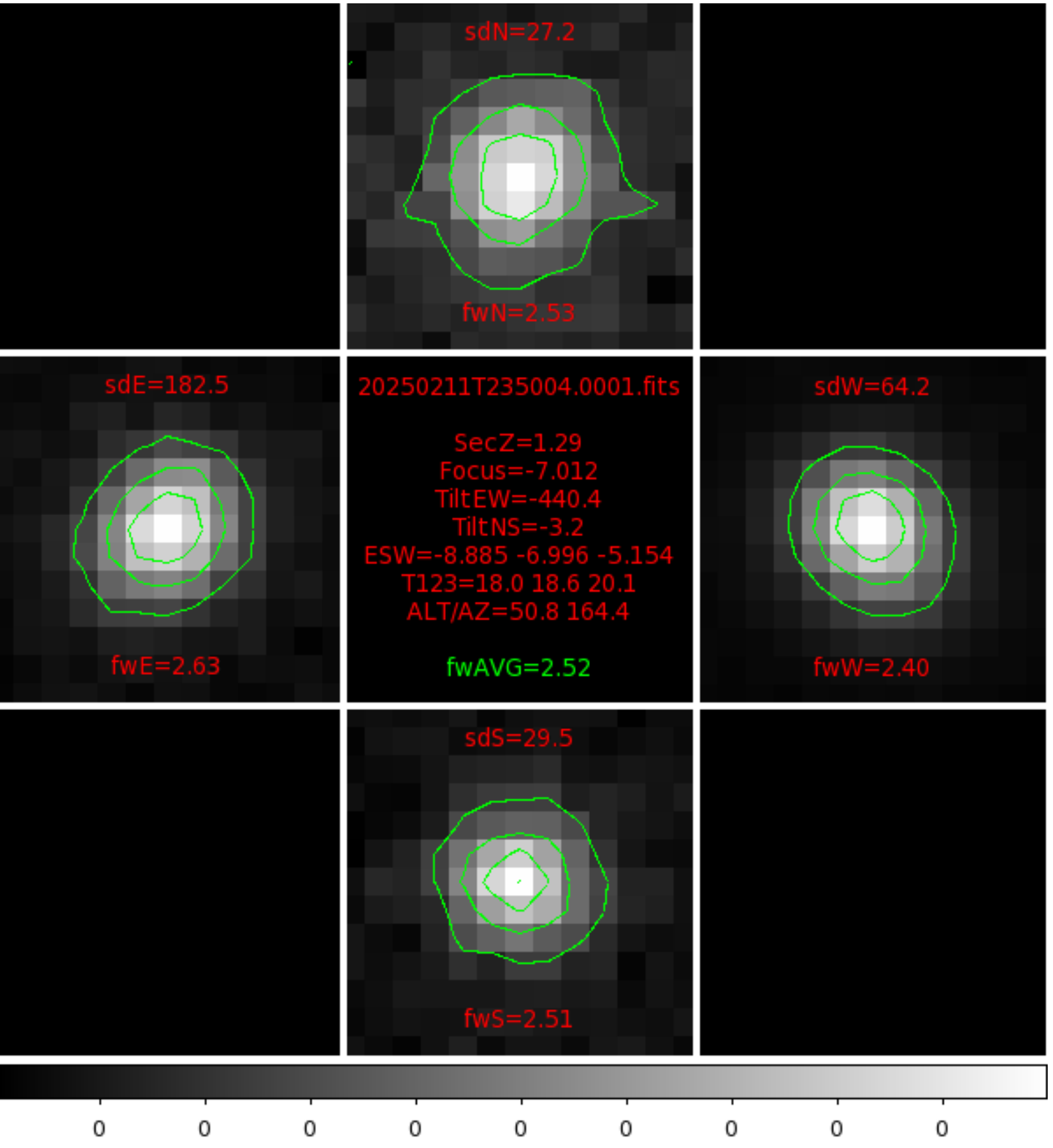
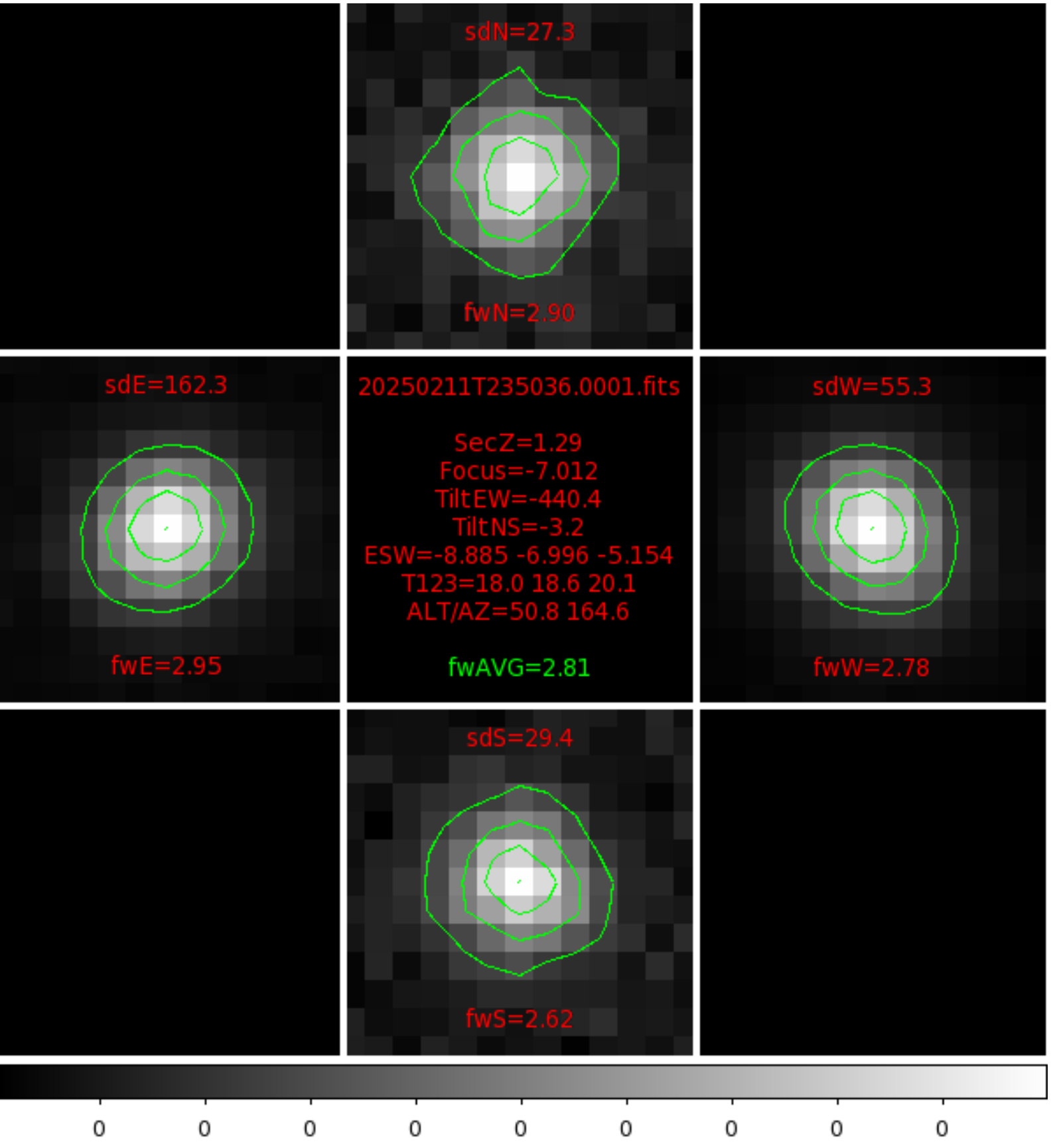

sdN=26.7
fwN=2.63
sdE=176.1
fwE=2.65
20250211T234755.0001.fits
SecZ=1.29
Focus=-7.012
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.885 -6.996 -5.154
T123=18.1 18.7 20.2
ALT/AZ=50.6 163.6
sdW=61.2
fwW=2.38
sdS=29.0
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=26.0
fwN=2.66
sdE=174.8
fwE=2.54
20250211T234933.0001.fits
SecZ=1.29
Focus=-7.018
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.891 -7.002 -5.160
T123=18.0 18.6 20.1
ALT/AZ=50.7 164.2
fwAVG=2.48
sdW=58.7
fwW=2.33
sdS=28.2
fwS=2.37
0 0 0 0 0 0 0 0 0


sdN=27.2
fwN=2.53
sdE=182.5
fwE=2.63
20250211T235004.0001.fits
SecZ=1.29
Focus=-7.012
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.885 -6.996 -5.154
T123=18.0 18.6 20.1
ALT/AZ=50.8 164.4
fwAVG=2.52
sdW=64.2
fwW=2.40
sdS=29.5
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=27.3
fwN=2.90
sdE=162.3
fwE=2.95
20250211T235036.0001.fits
SecZ=1.29
Focus=-7.012
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.885 -6.996 -5.154
T123=18.0 18.6 20.1
ALT/AZ=50.8 164.6
fwAVG=2.81
sdW=55.3
fwW=2.78
sdS=29.4
fwS=2.62
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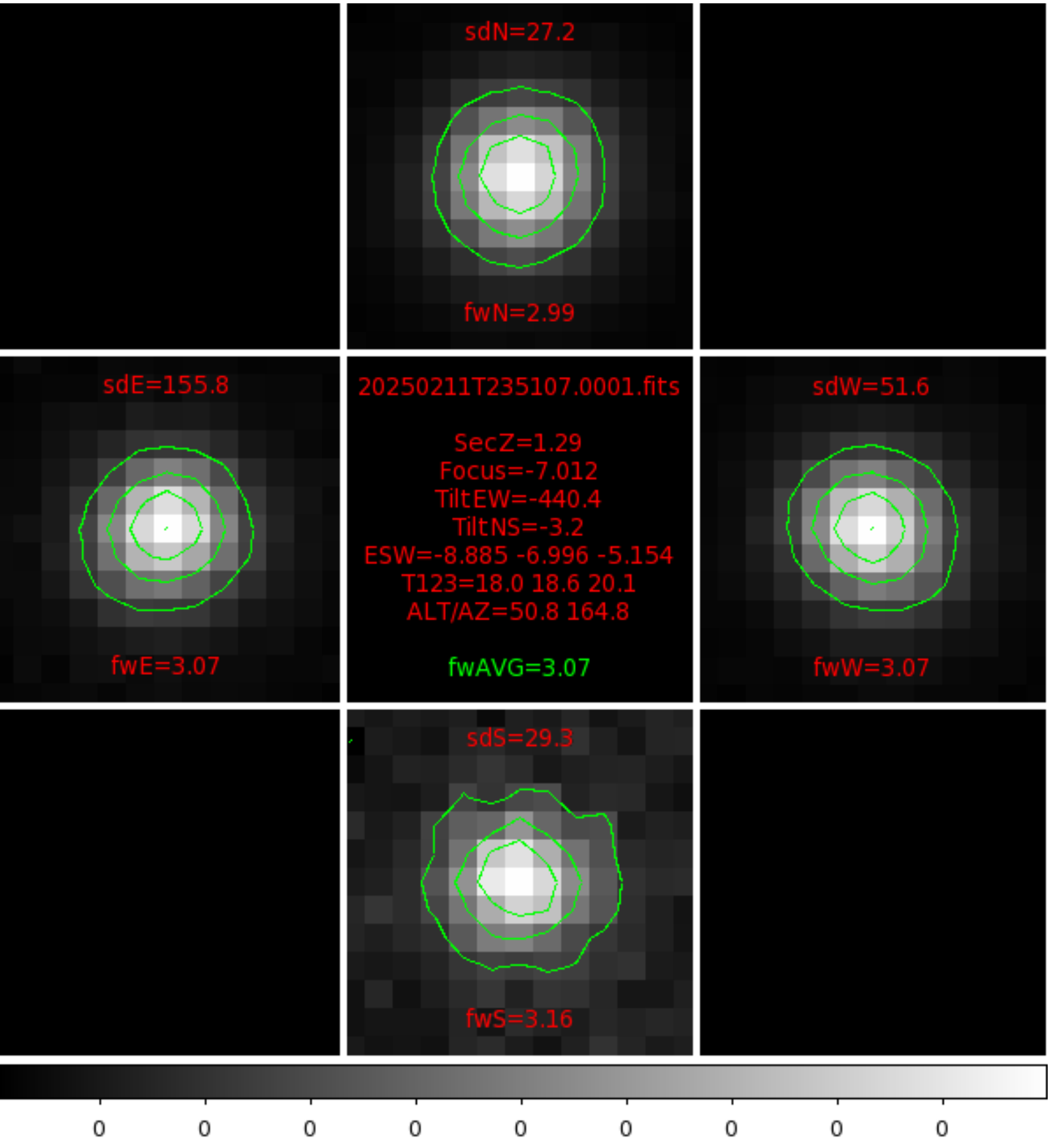
sdN=27.2
fwN=2.99
sdE=155.8
fwE=3.07
20250211T235107.0001.fits
SecZ=1.29
Focus=-7.012
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.885 -6.996 -5.154
T123=18.0 18.6 20.1
ALT/AZ=50.8 164.8
fwAVG=3.07
sdW=51.6
fwW=3.07
sdS=29.3
fwS=3.16
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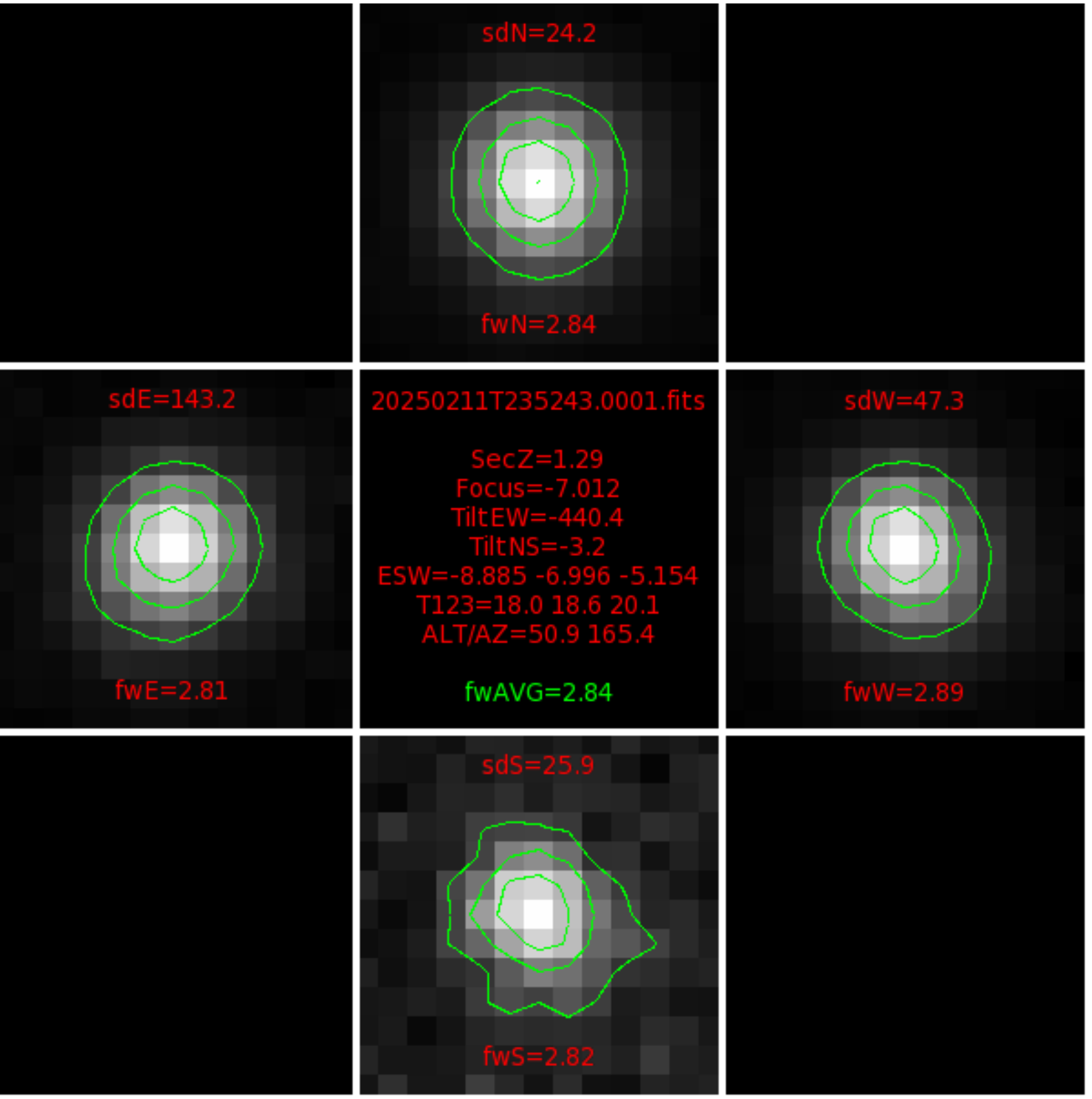
sdN=24.2
fwN=2.84
sdE=143.2
fwE=2.81
20250211T235243.0001.fits
SecZ=1.29
Focus=-7.012
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.885 -6.996 -5.154
T123=18.0 18.6 20.1
ALT/AZ=50.9 165.4
fwAVG=2.84
sdW=47.3
fwW=2.89
sdS=25.9
fwS=2.82
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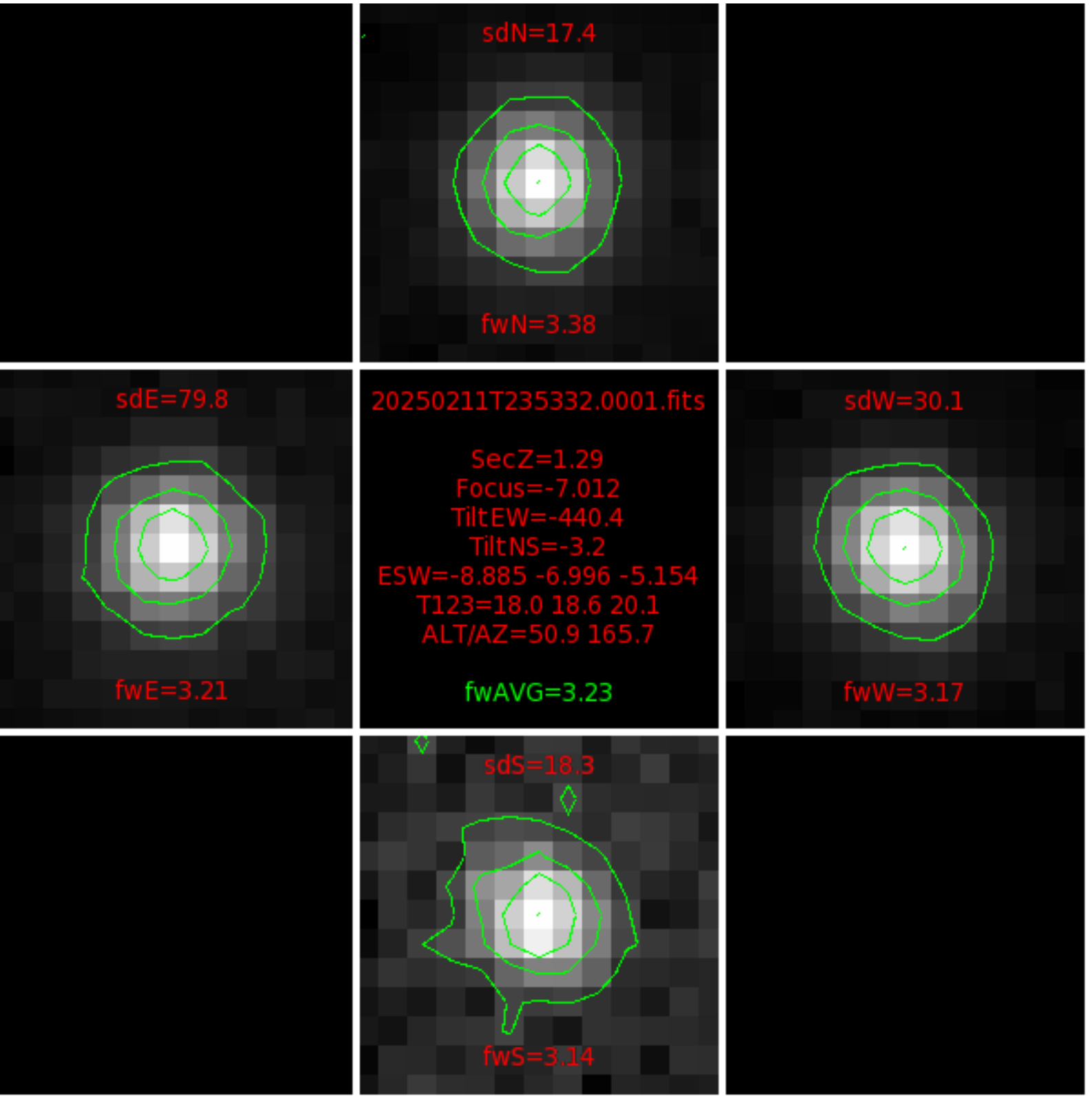
sdN=17.4
fwN=3.38
sdE=79.8
fwE=3.21
20250211T235332.0001.fits
SecZ=1.29
Focus=-7.012
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.885 -6.996 -5.154
T123=18.0 18.6 20.1
ALT/AZ=50.9 165.7
fwAVG=3.23
sdW=30.1
fwW=3.17
sdS=18.3
fwS=3.14
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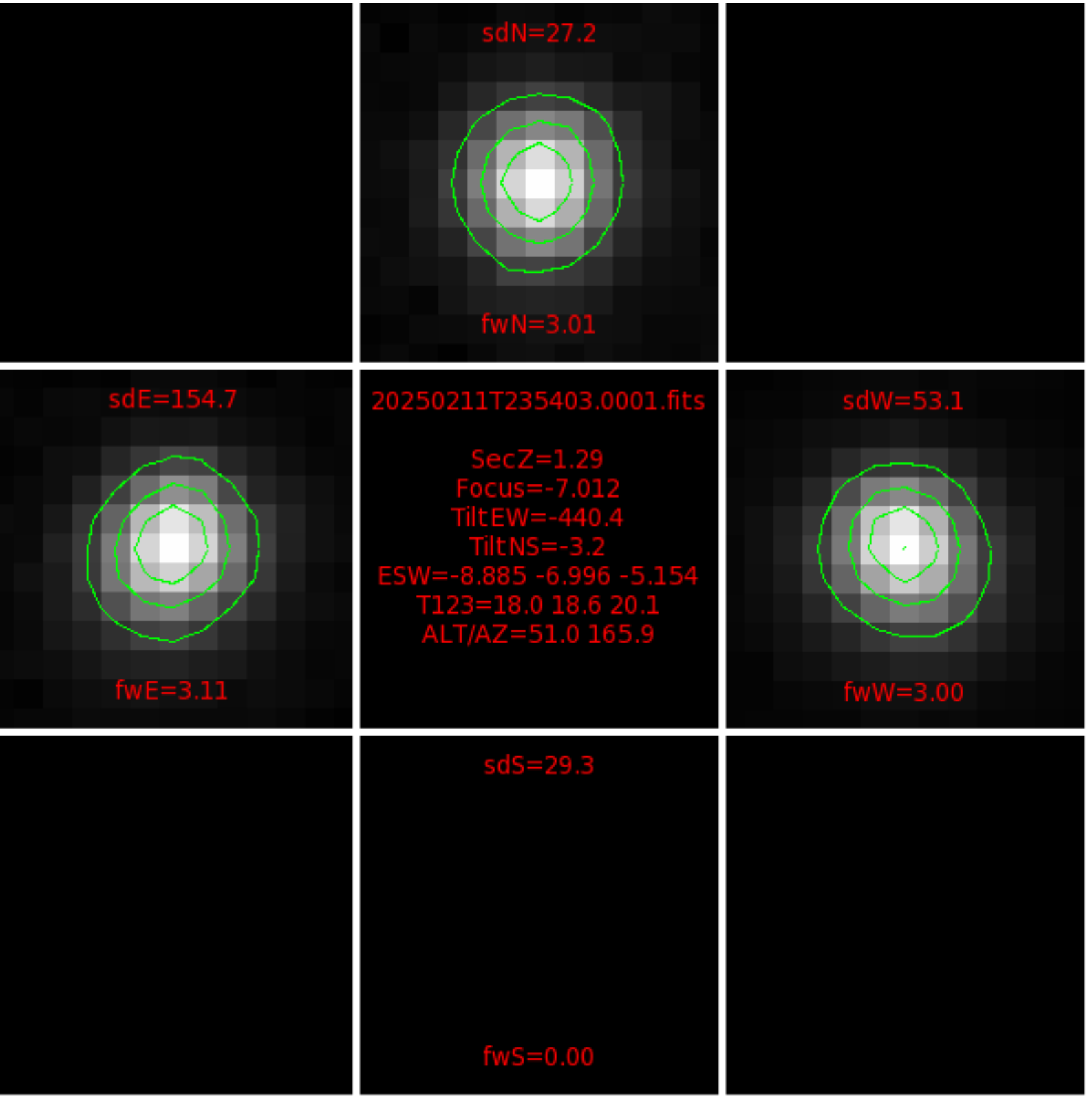
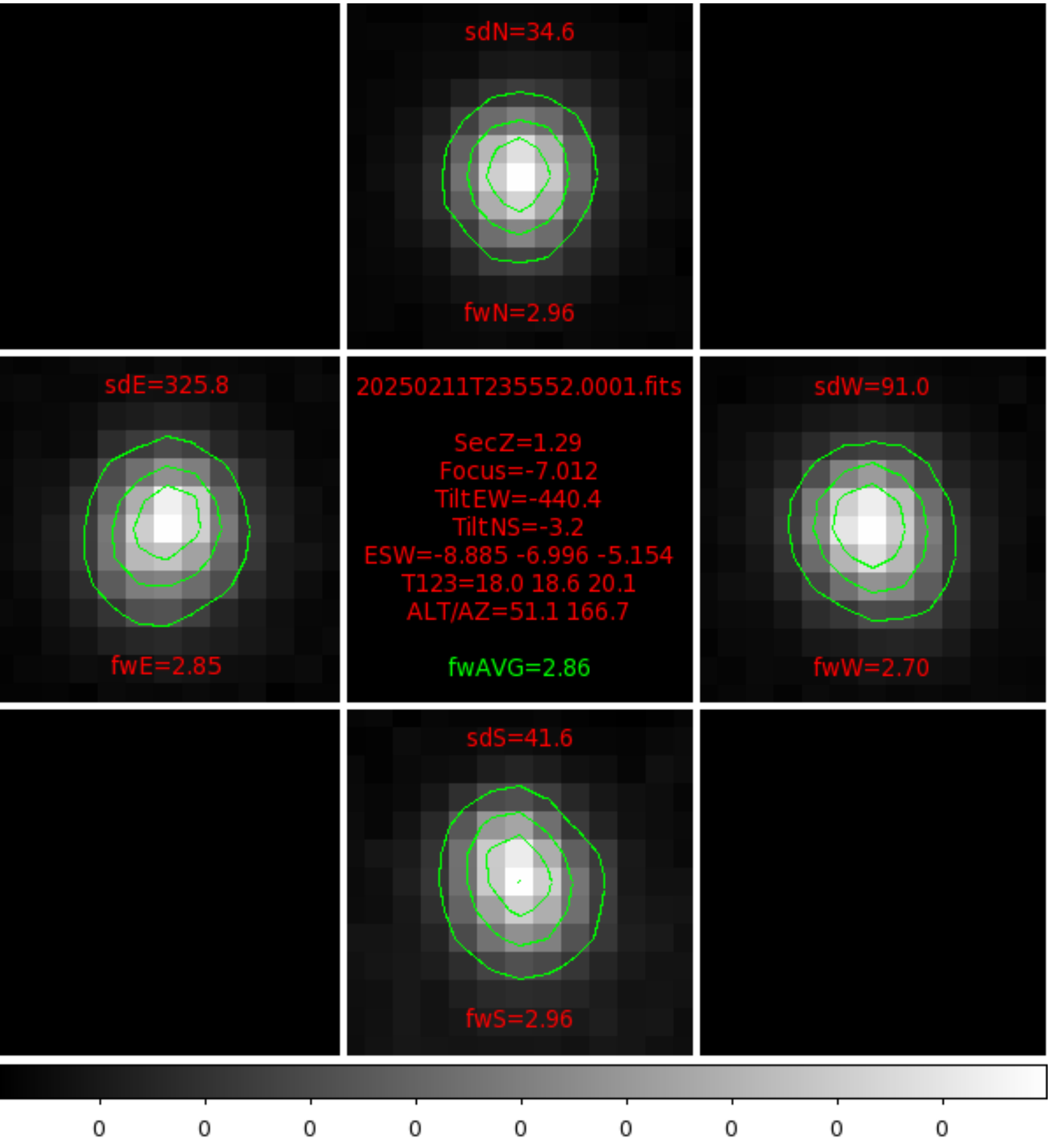

sdN=27.2
fwN=3.01
sdE=154.7
fwE=3.11
20250211T235403.0001.fits
SecZ=1.29
Focus=-7.012
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.885 -6.996 -5.154
T123=18.0 18.6 20.1
ALT/AZ=51.0 165.9
sdW=53.1
fwW=3.00
sdS=29.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=34.6
fwN=2.96
sdE=325.8
fwE=2.85
20250211T235552.0001.fits
SecZ=1.29
Focus=-7.012
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.885 -6.996 -5.154
T123=18.0 18.6 20.1
ALT/AZ=51.1 166.7
fwAVG=2.86
sdW=91.0
fwW=2.70
sdS=41.6
fwS=2.96
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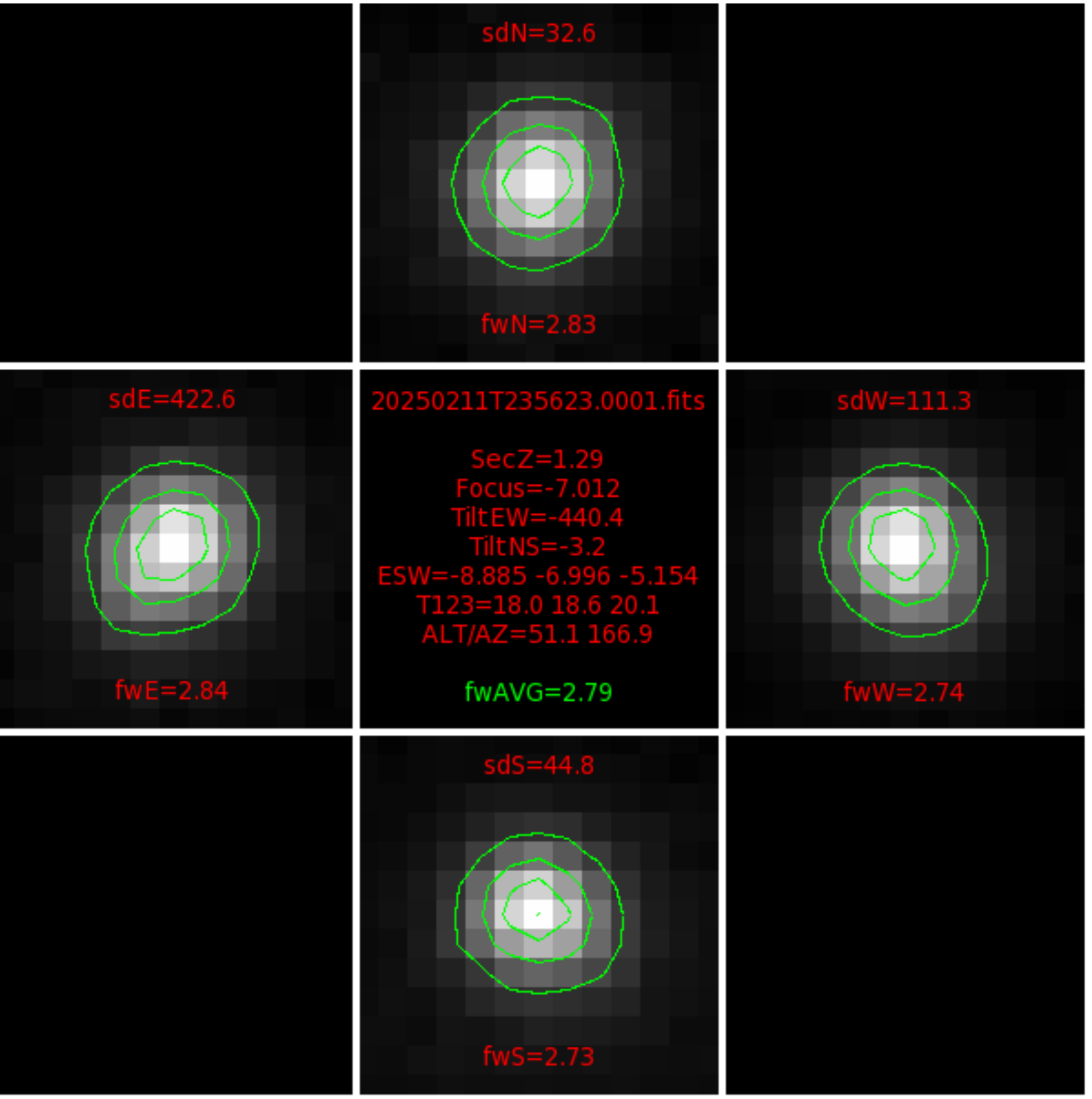
sdN=32.6
fwN=2.83
sdE=422.6
fwE=2.84
20250211T235623.0001.fits
SecZ=1.29
Focus=-7.012
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.885 -6.996 -5.154
T123=18.0 18.6 20.1
ALT/AZ=51.1 166.9
fwAVG=2.79
sdW=111.3
fwW=2.74
sdS=44.8
fwS=2.73
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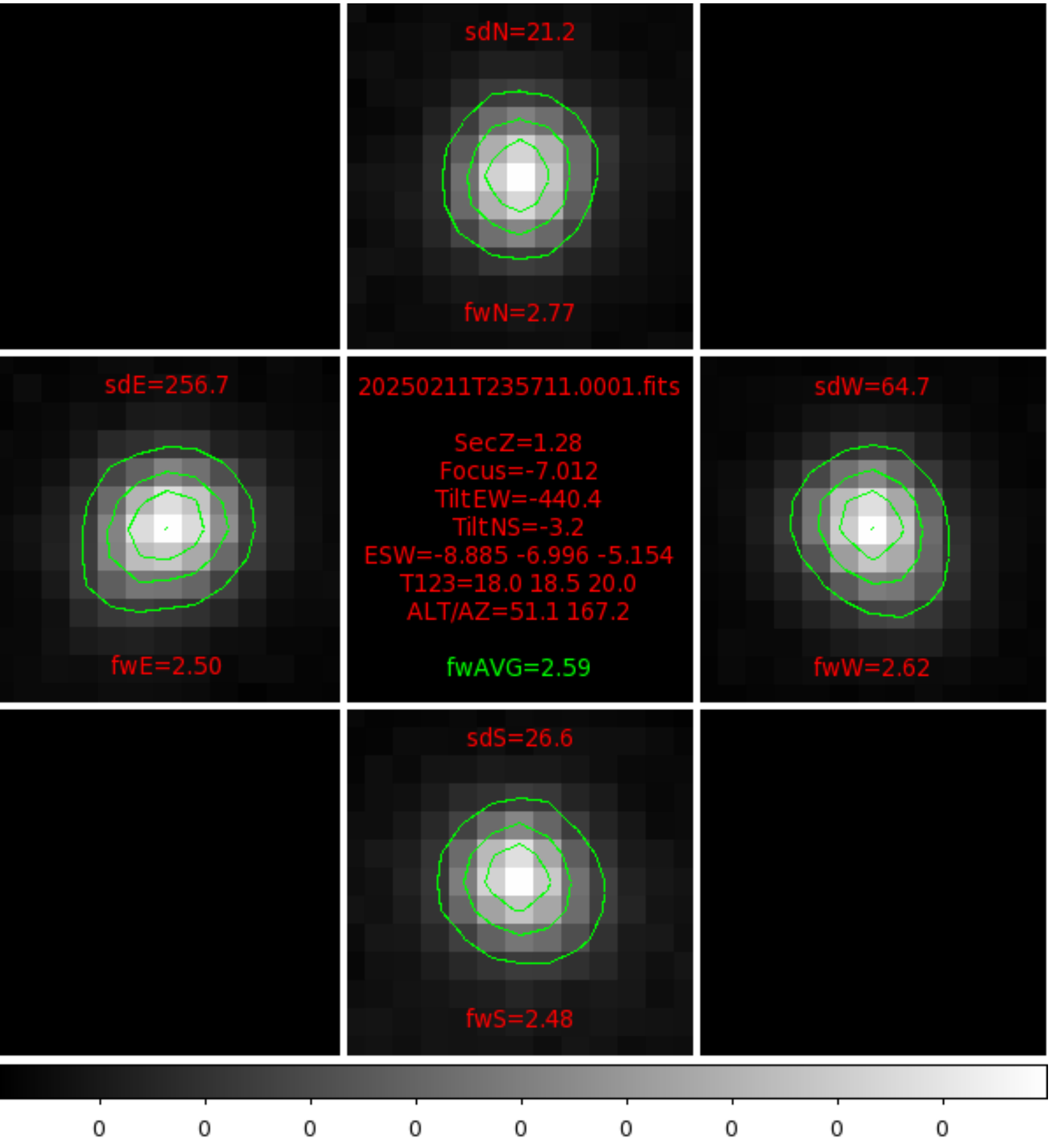
sdN=21.2
fwN=2.77
sdE=256.7
fwE=2.50
20250211T235711.0001.fits
SecZ=1.28
Focus=-7.012
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.885 -6.996 -5.154
T123=18.0 18.5 20.0
ALT/AZ=51.1 167.2
fwAVG=2.59
sdW=64.7
fwW=2.62
sdS=26.6
fwS=2.48
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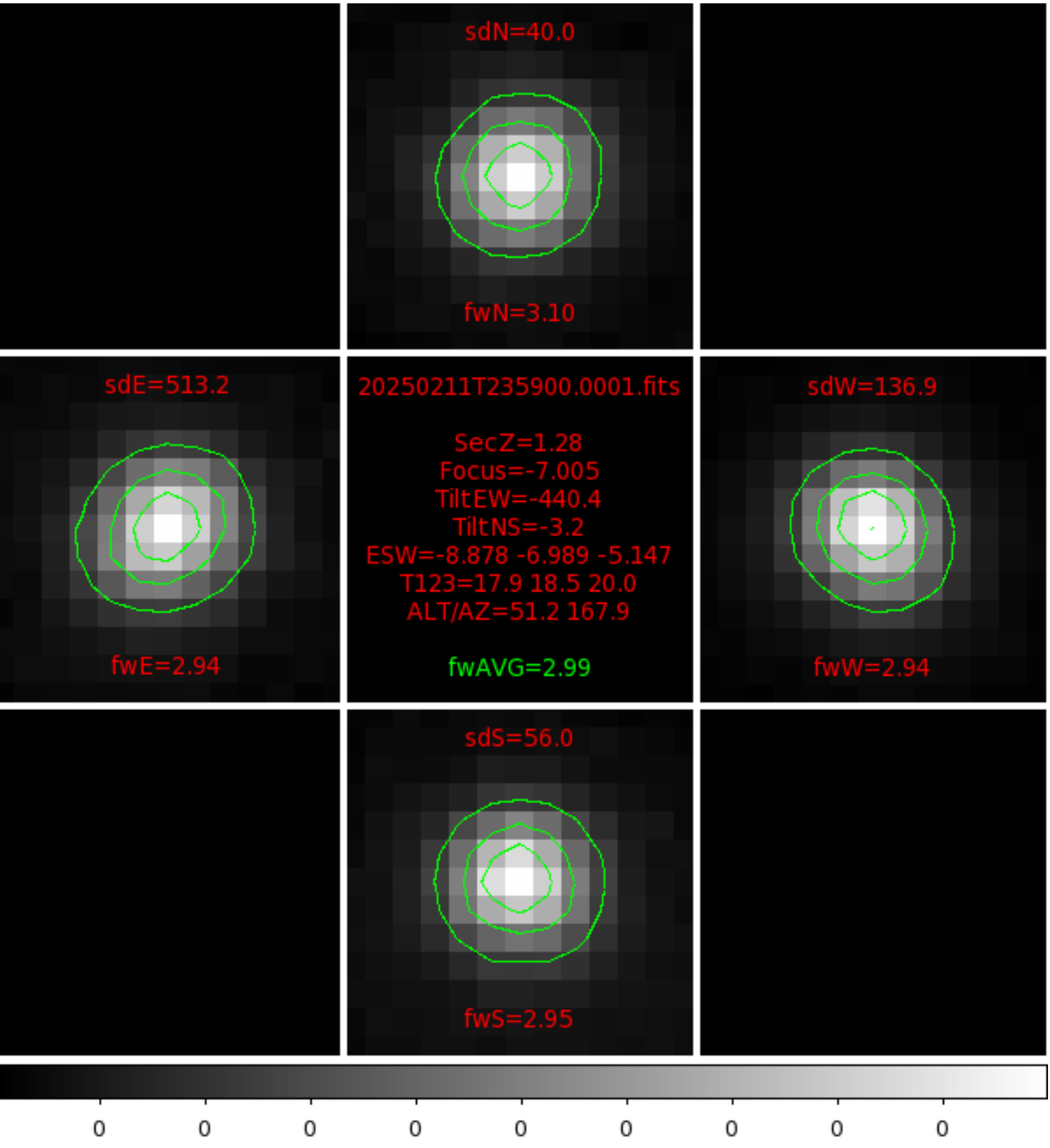
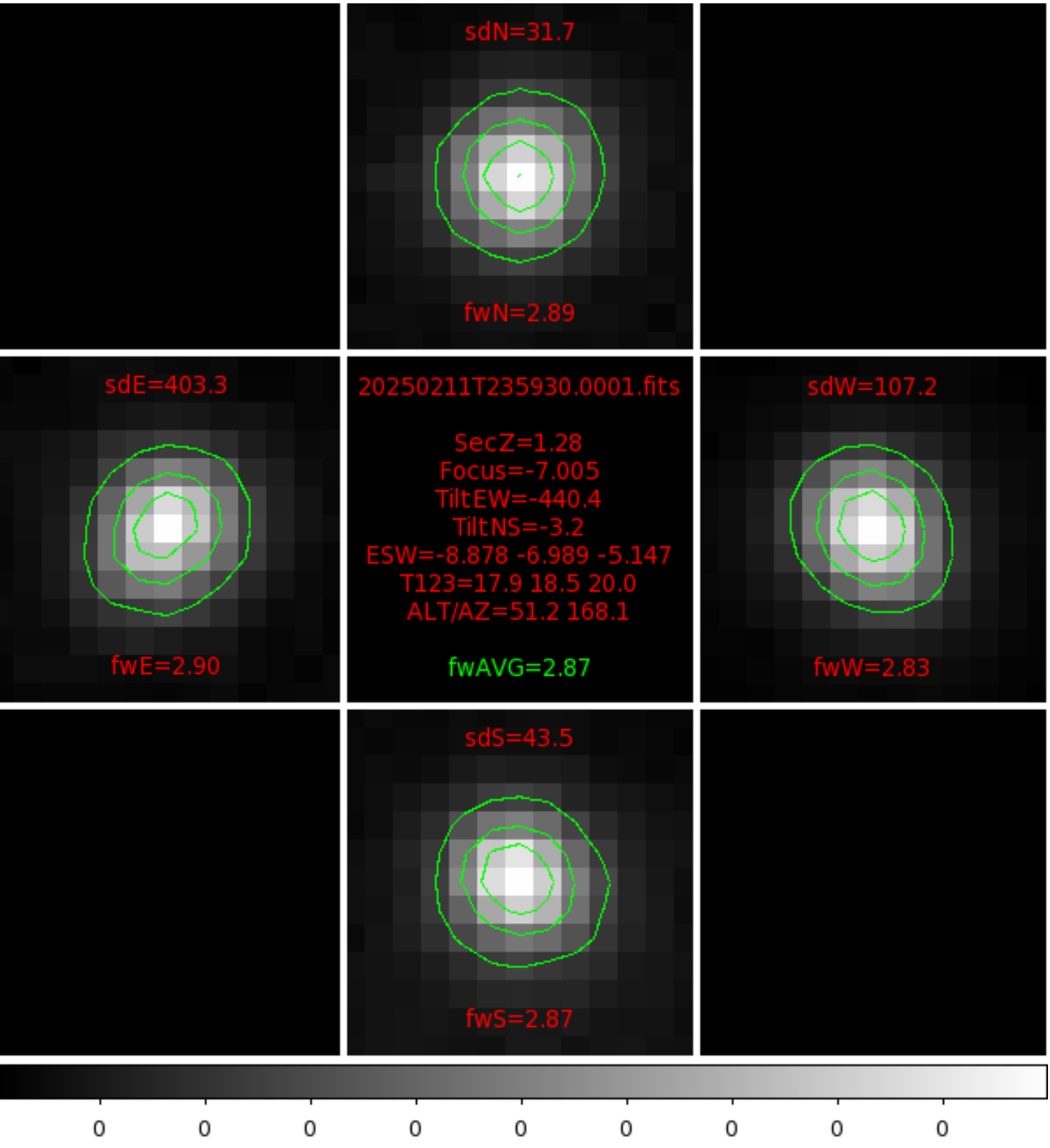
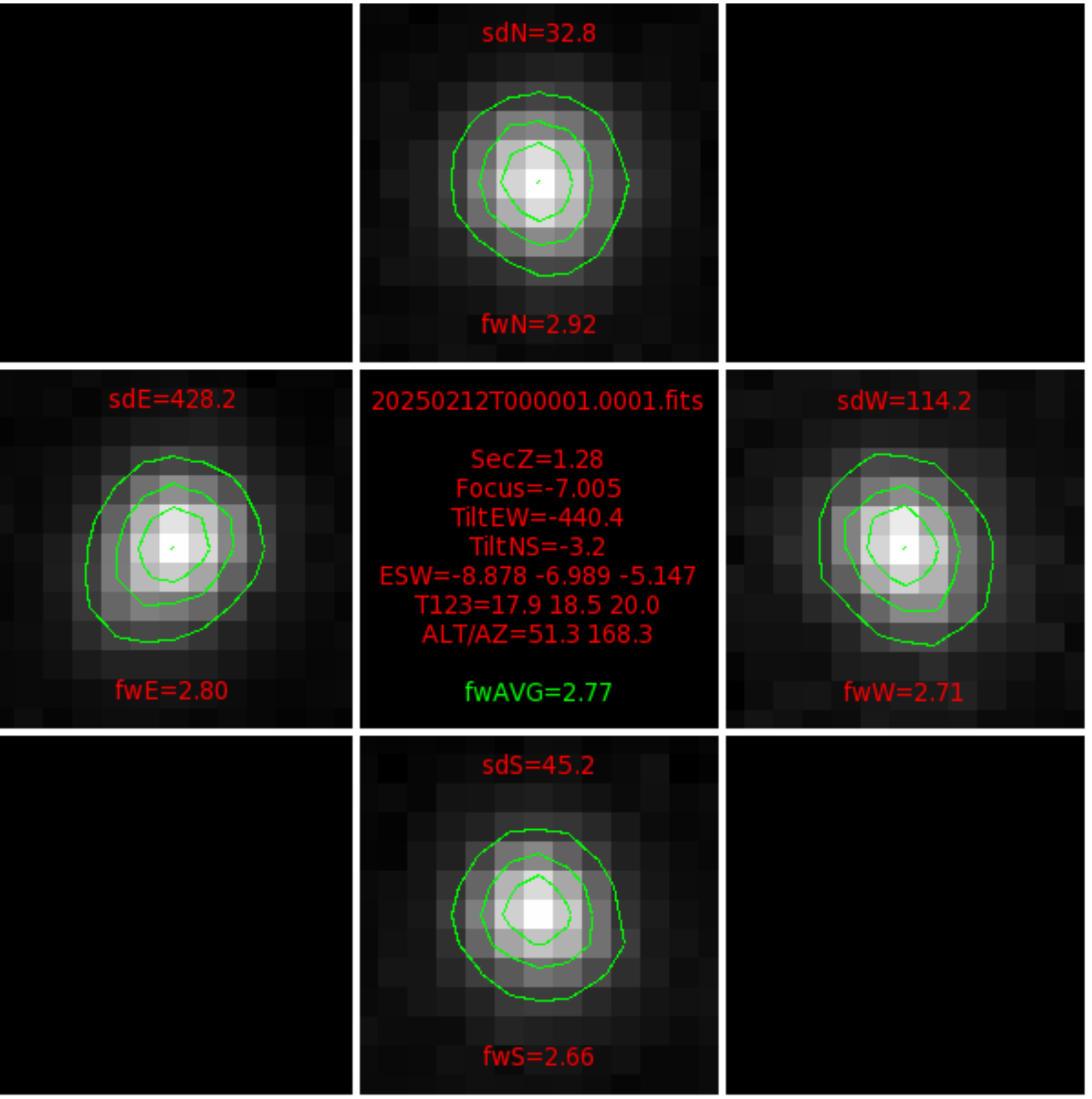

sdN=40.0
fwN=3.10
sdE=513.2
fwE=2.94
20250211T235900.0001.fits
SecZ=1.28
Focus=-7.005
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.878 -6.989 -5.147
T123=17.9 18.5 20.0
ALT/AZ=51.2 167.9
fwAVG=2.99
sdW=136.9
fwW=2.94
sdS=56.0
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=31.7
fwN=2.89
sdE=403.3
fwE=2.90
20250211T235930.0001.fits
SecZ=1.28
Focus=-7.005
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.878 -6.989 -5.147
T123=17.9 18.5 20.0
ALT/AZ=51.2 168.1
fwAVG=2.87
sdW=107.2
fwW=2.83
sdS=43.5
fwS=2.87
0 0 0 0 0 0 0 0 0


sdN=32.8
fwN=2.92
sdE=428.2
fwE=2.80
20250212T000001.0001.fits
SecZ=1.28
Focus=-7.005
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.878 -6.989 -5.147
T123=17.9 18.5 20.0
ALT/AZ=51.3 168.3
fwAVG=2.77
sdW=114.2
fwW=2.71
sdS=45.2
fwS=2.66
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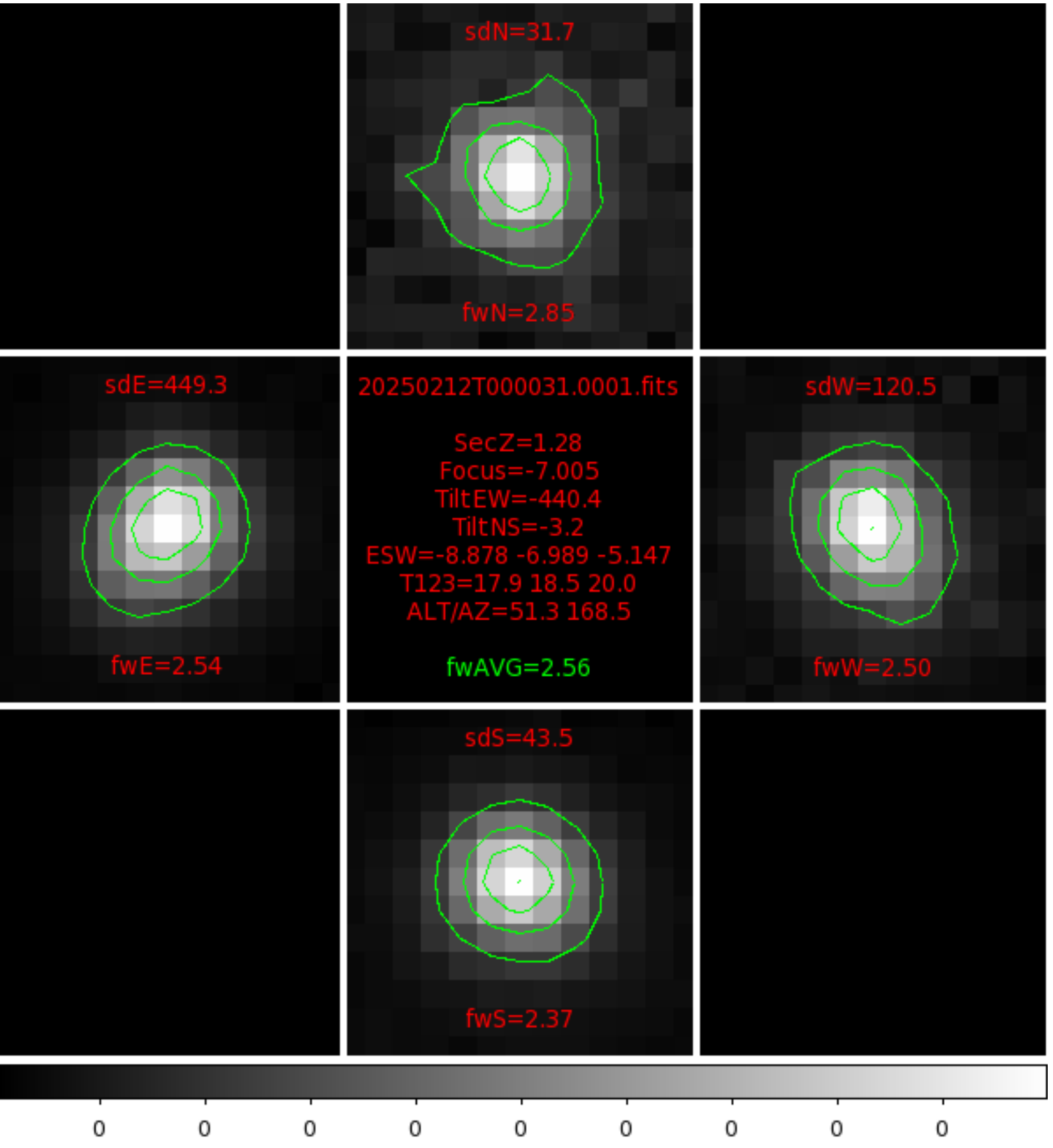
sdN=31.7
fwN=2.85
sdE=449.3
fwE=2.54
20250212T000031.0001.fits
SecZ=1.28
Focus=-7.005
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.878 -6.989 -5.147
T123=17.9 18.5 20.0
ALT/AZ=51.3 168.5
fwAVG=2.56
sdW=120.5
fwW=2.50
sdS=43.5
fwS=2.37
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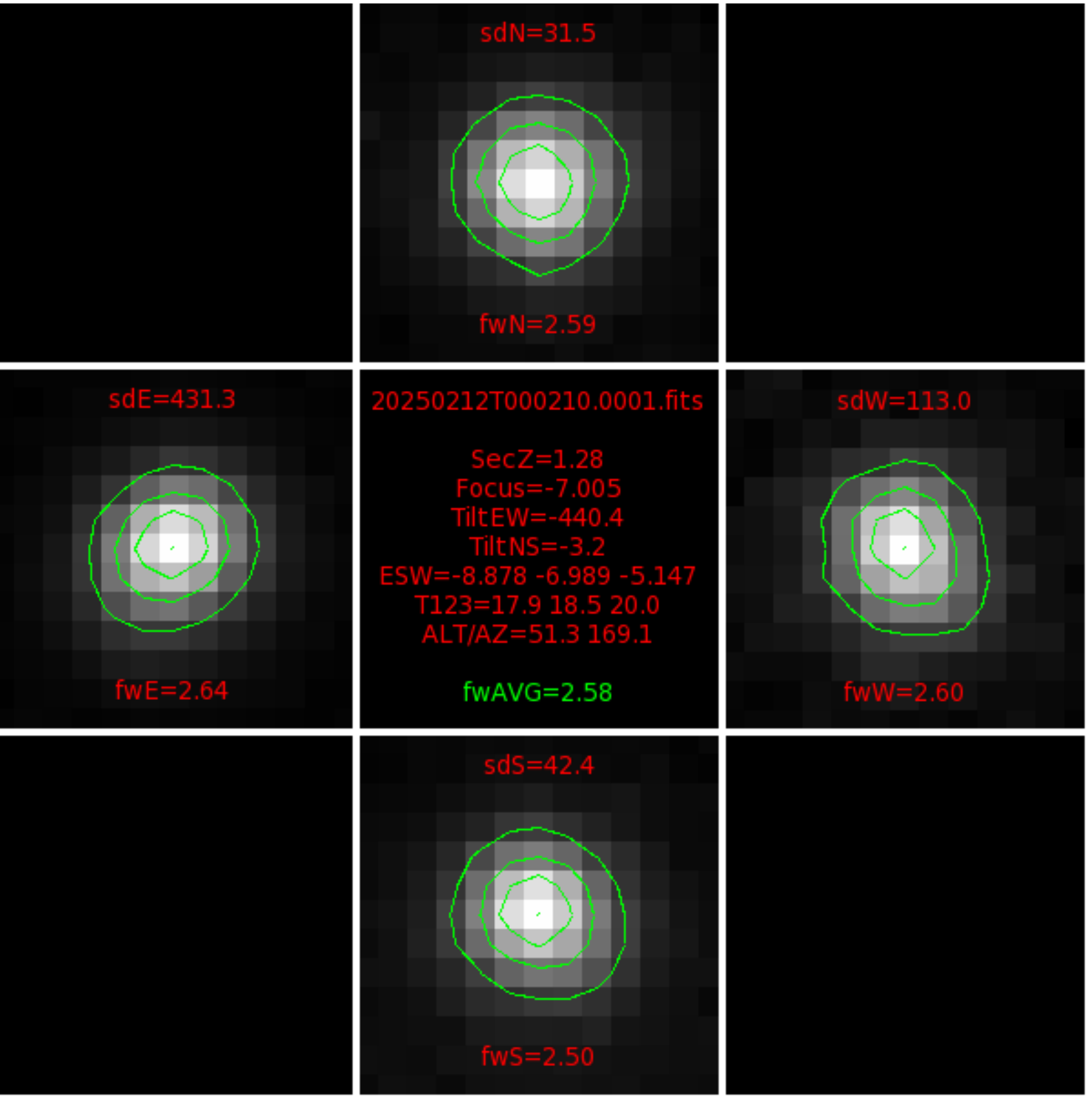
sdN=31.5
fwN=2.59
sdE=431.3
fwE=2.64
20250212T000210.0001.fits
SecZ=1.28
Focus=-7.005
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.878 -6.989 -5.147
T123=17.9 18.5 20.0
ALT/AZ=51.3 169.1
fwAVG=2.58
sdW=113.0
fwW=2.60
sdS=42.4
fwS=2.50
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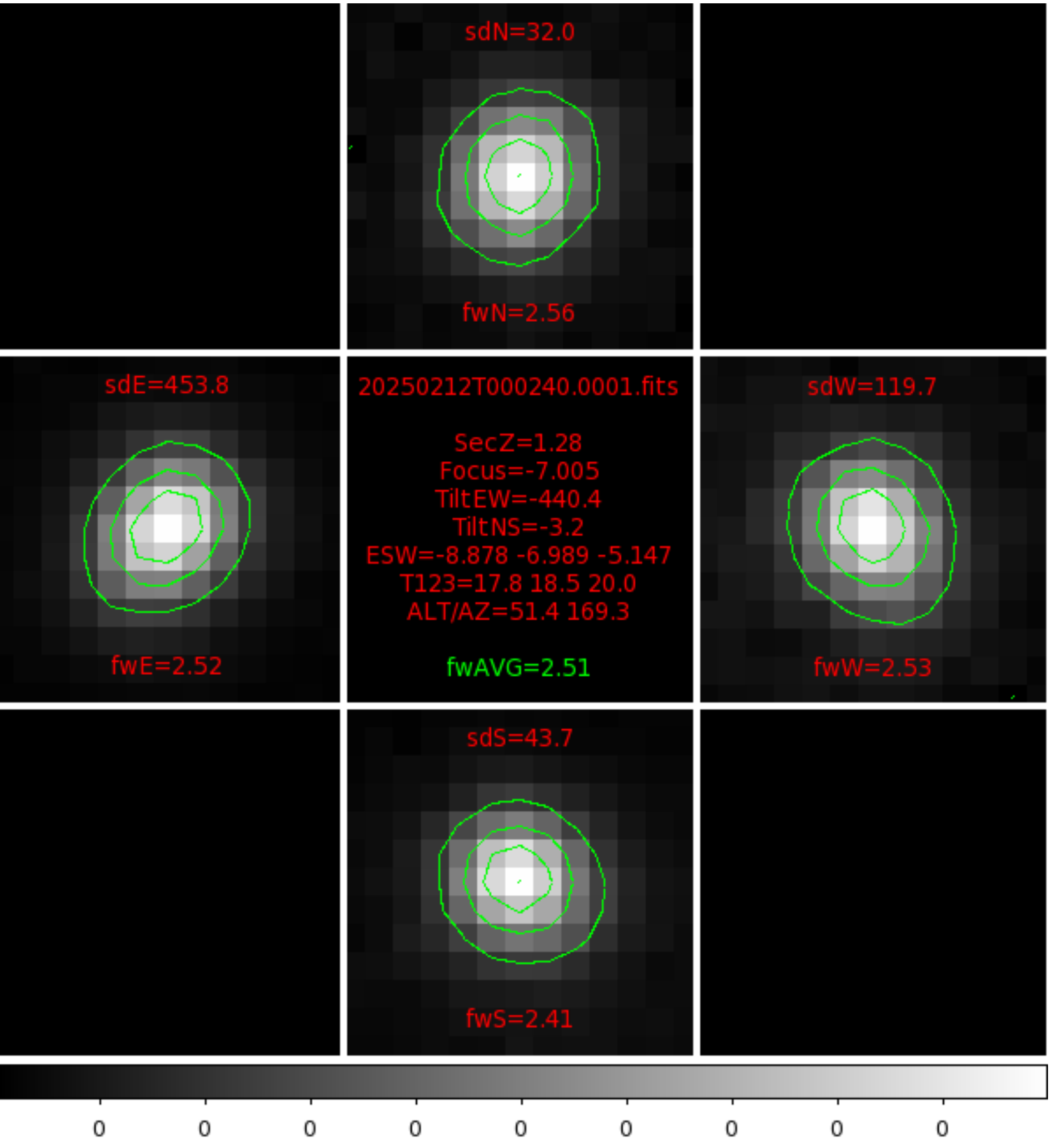
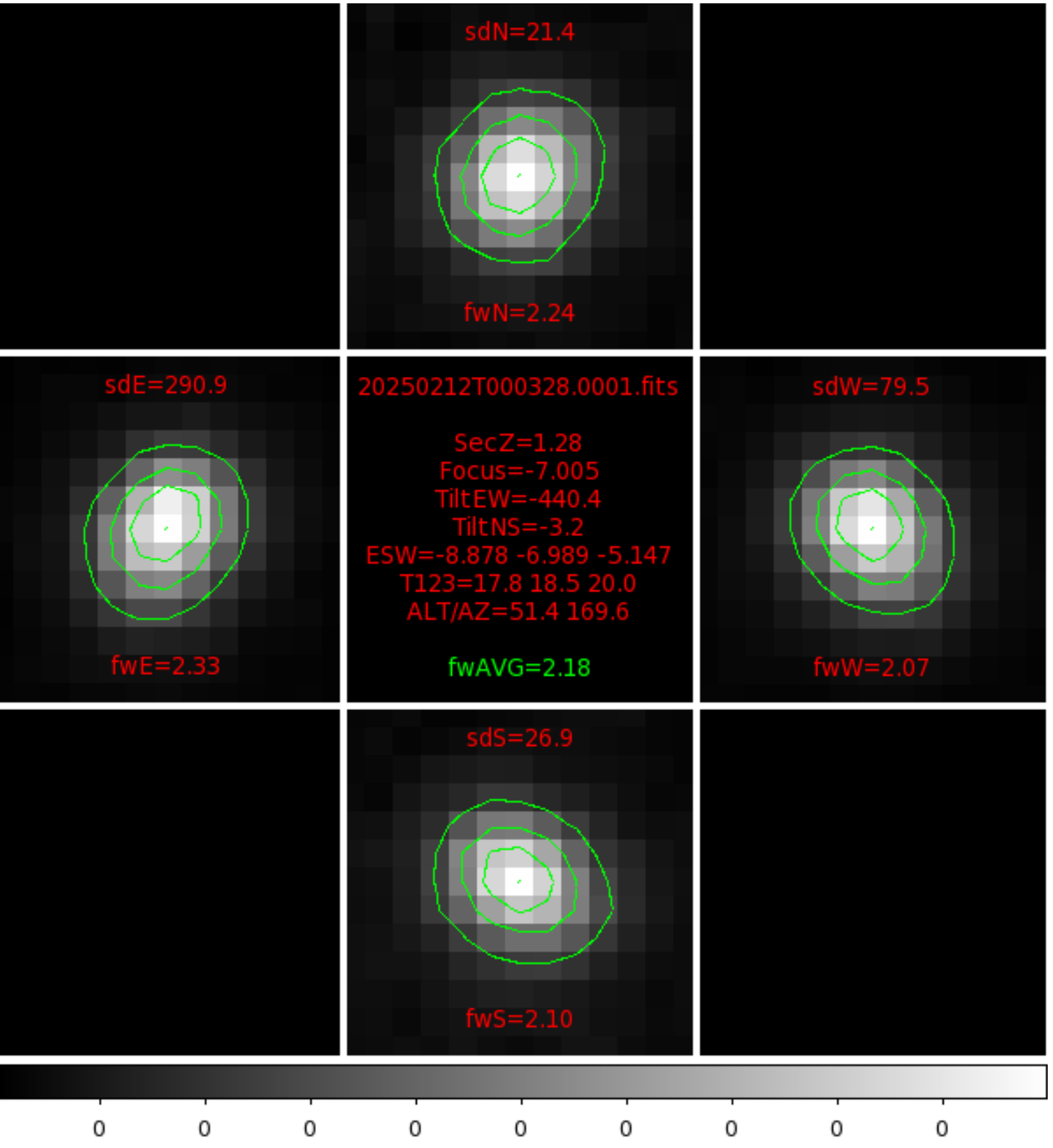

sdN=32.0
fwN=2.56
sdE=453.8
fwE=2.52
20250212T000240.0001.fits
SecZ=1.28
Focus=-7.005
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.878 -6.989 -5.147
T123=17.8 18.5 20.0
ALT/AZ=51.4 169.3
fwAVG=2.51
sdW=119.7
fwW=2.53
sdS=43.7
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=21.4
fwN=2.24
sdE=290.9
fwE=2.33
20250212T000328.0001.fits
SecZ=1.28
Focus=-7.005
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.878 -6.989 -5.147
T123=17.8 18.5 20.0
ALT/AZ=51.4 169.6
fwAVG=2.18
sdW=79.5
fwW=2.07
sdS=26.9
fwS=2.10
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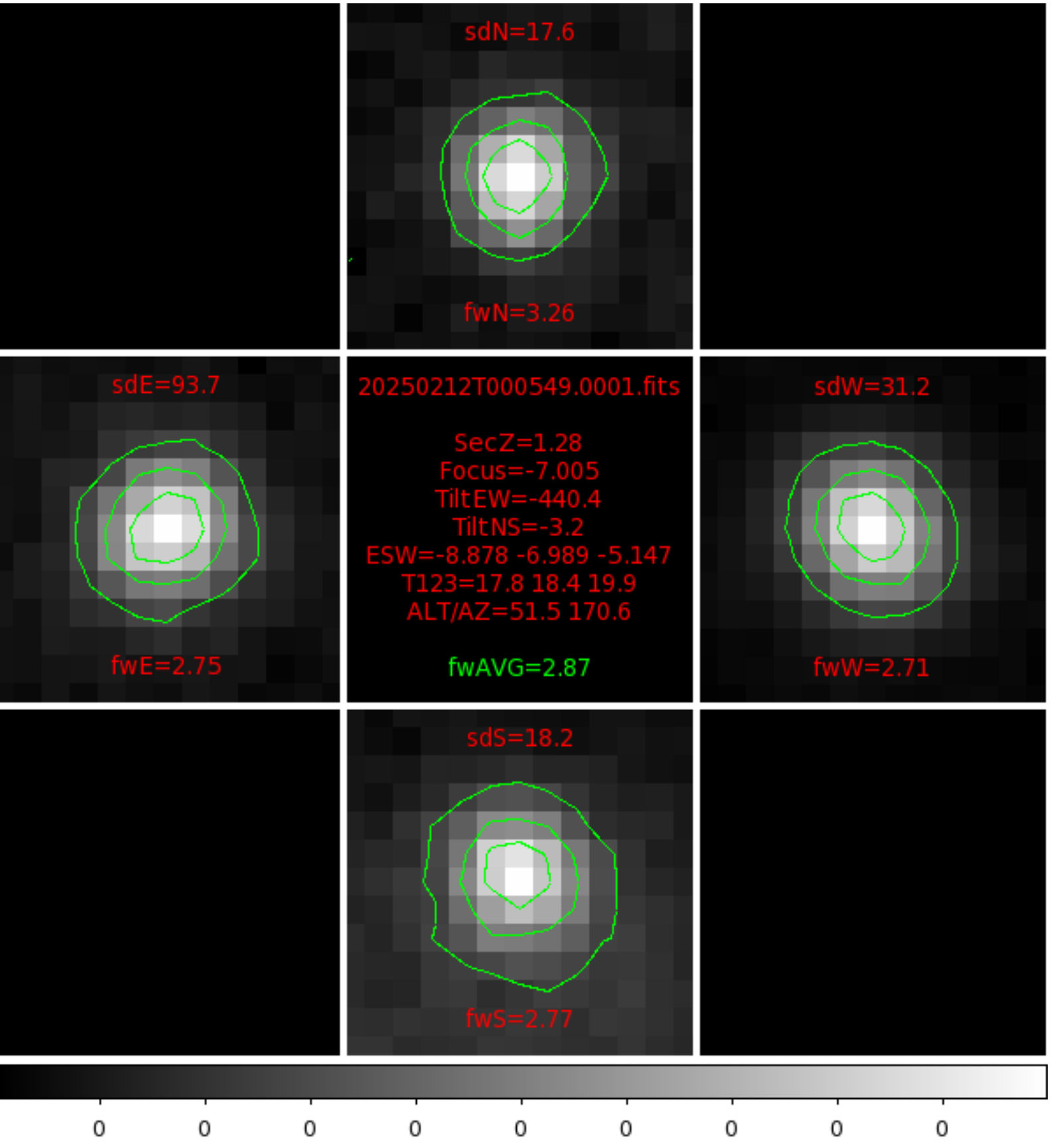
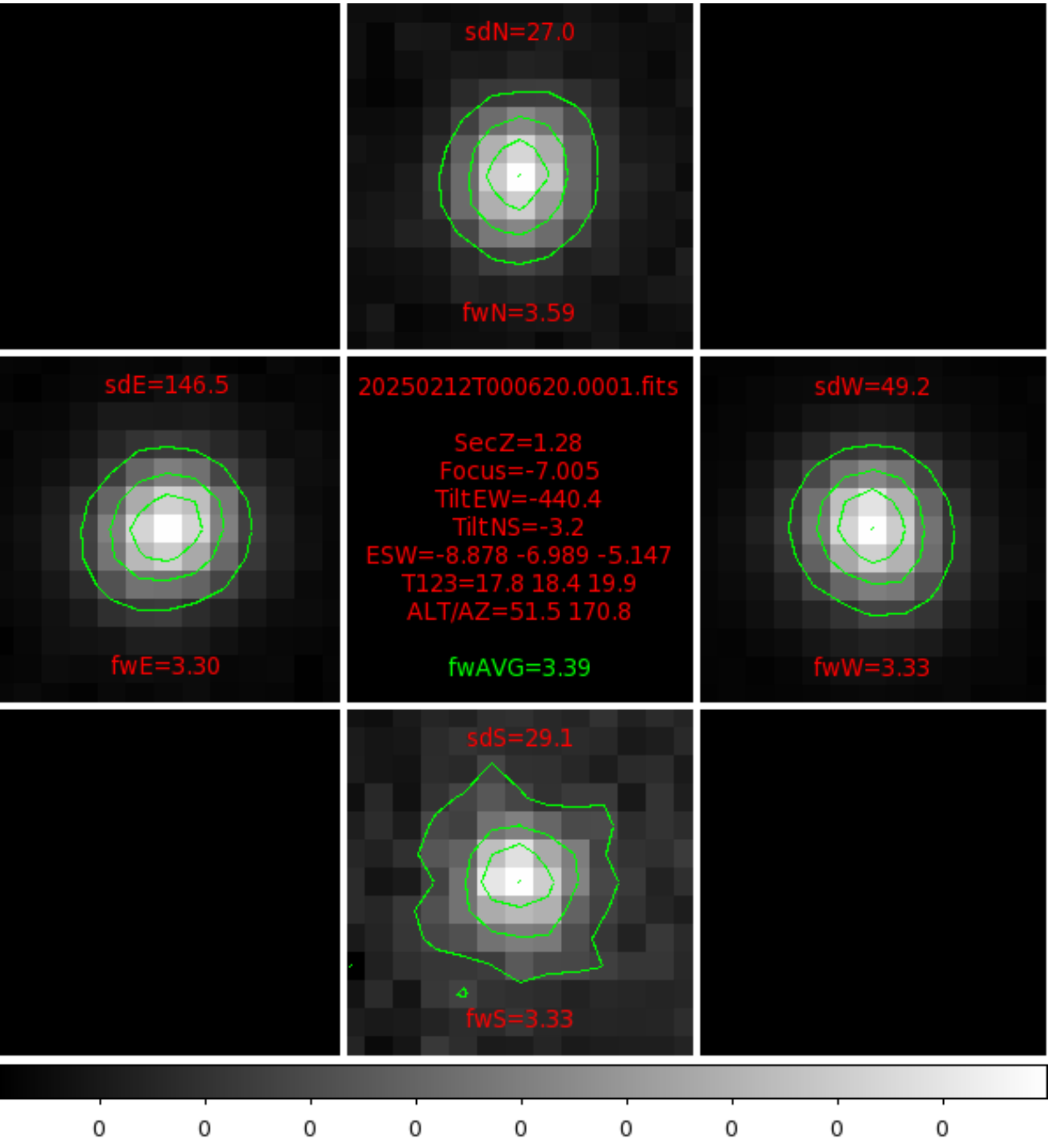

sdN=17.6
fwN=3.26
sdE=93.7
fwE=2.75
20250212T000549.0001.fits
SecZ=1.28
Focus=-7.005
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.878 -6.989 -5.147
T123=17.8 18.4 19.9
ALT/AZ=51.5 170.6
fwAVG=2.87
sdW=31.2
fwW=2.71
sdS=18.2
fwS=2.77
0 0 0 0 0 0 0 0 0


sdN=27.0
fwN=3.59
sdE=146.5
fwE=3.30
20250212T000620.0001.fits
SecZ=1.28
Focus=-7.005
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.878 -6.989 -5.147
T123=17.8 18.4 19.9
ALT/AZ=51.5 170.8
fwAVG=3.39
sdW=49.2
fwW=3.33
sdS=29.1
fwS=3.33
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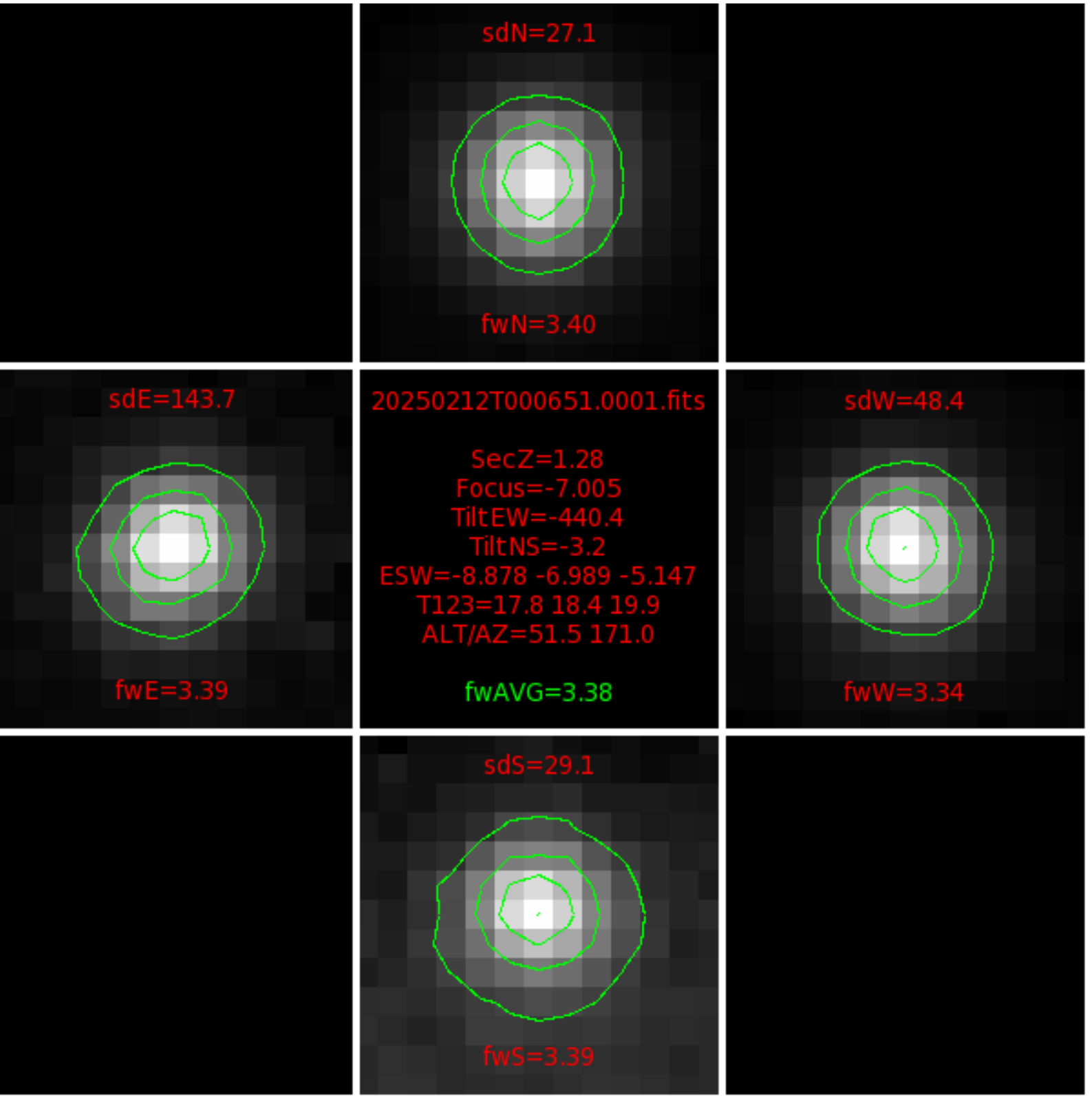
sdN=27.1
fwN=3.40
sdE=143.7
fwE=3.39
20250212T000651.0001.fits
SecZ=1.28
Focus=-7.005
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.878 -6.989 -5.147
T123=17.8 18.4 19.9
ALT/AZ=51.5 171.0
fwAVG=3.38
sdW=48.4
fwW=3.34
sdS=29.1
fwS=3.39
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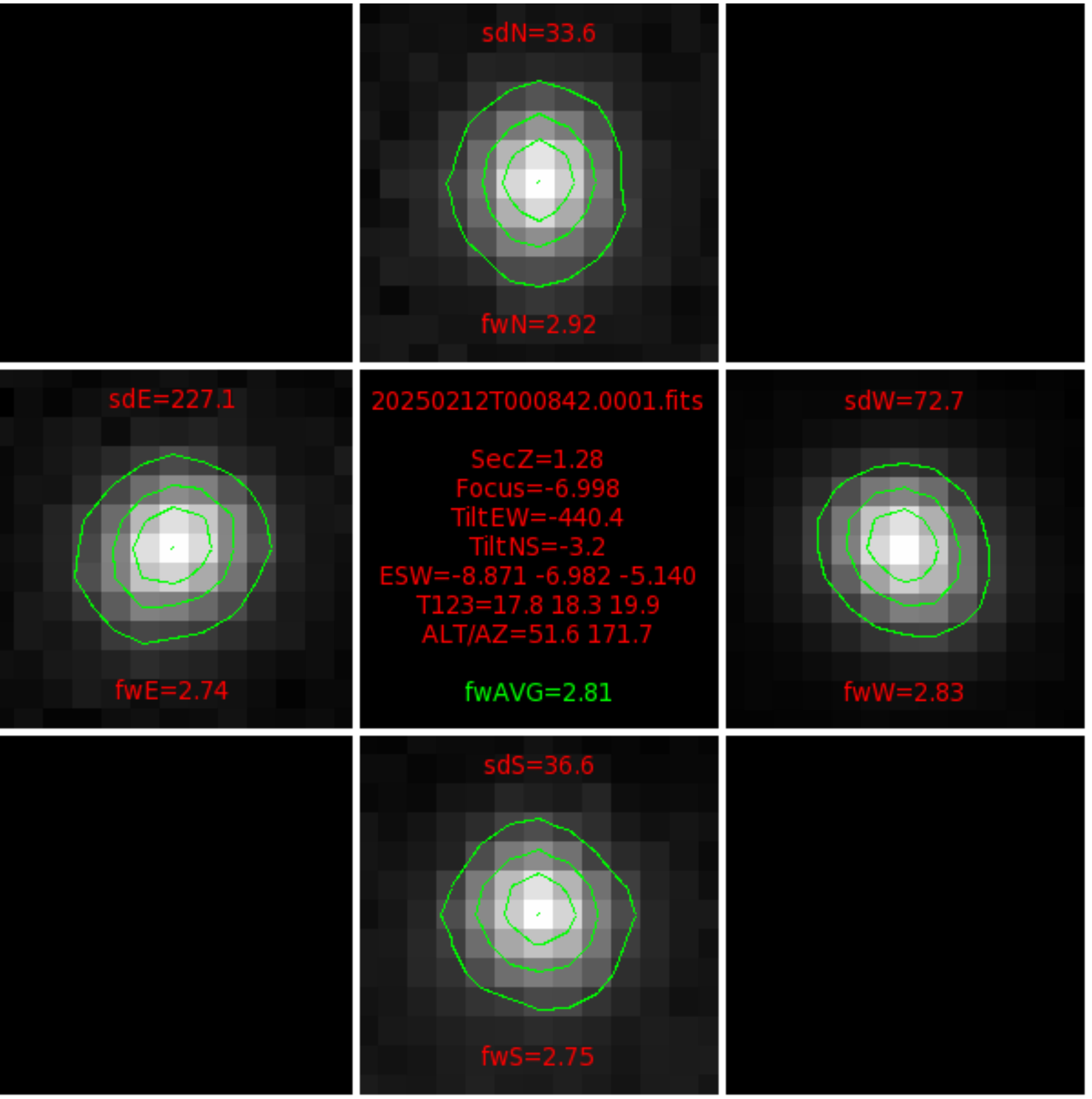
sdN=33.6
fwN=2.92
sdE=227.1
fwE=2.74
20250212T000842.0001.fits
SecZ=1.28
Focus=-6.998
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.871 -6.982 -5.140
T123=17.8 18.3 19.9
ALT/AZ=51.6 171.7
fwAVG=2.81
sdW=72.7
fwW=2.83
sdS=36.6
fwS=2.75
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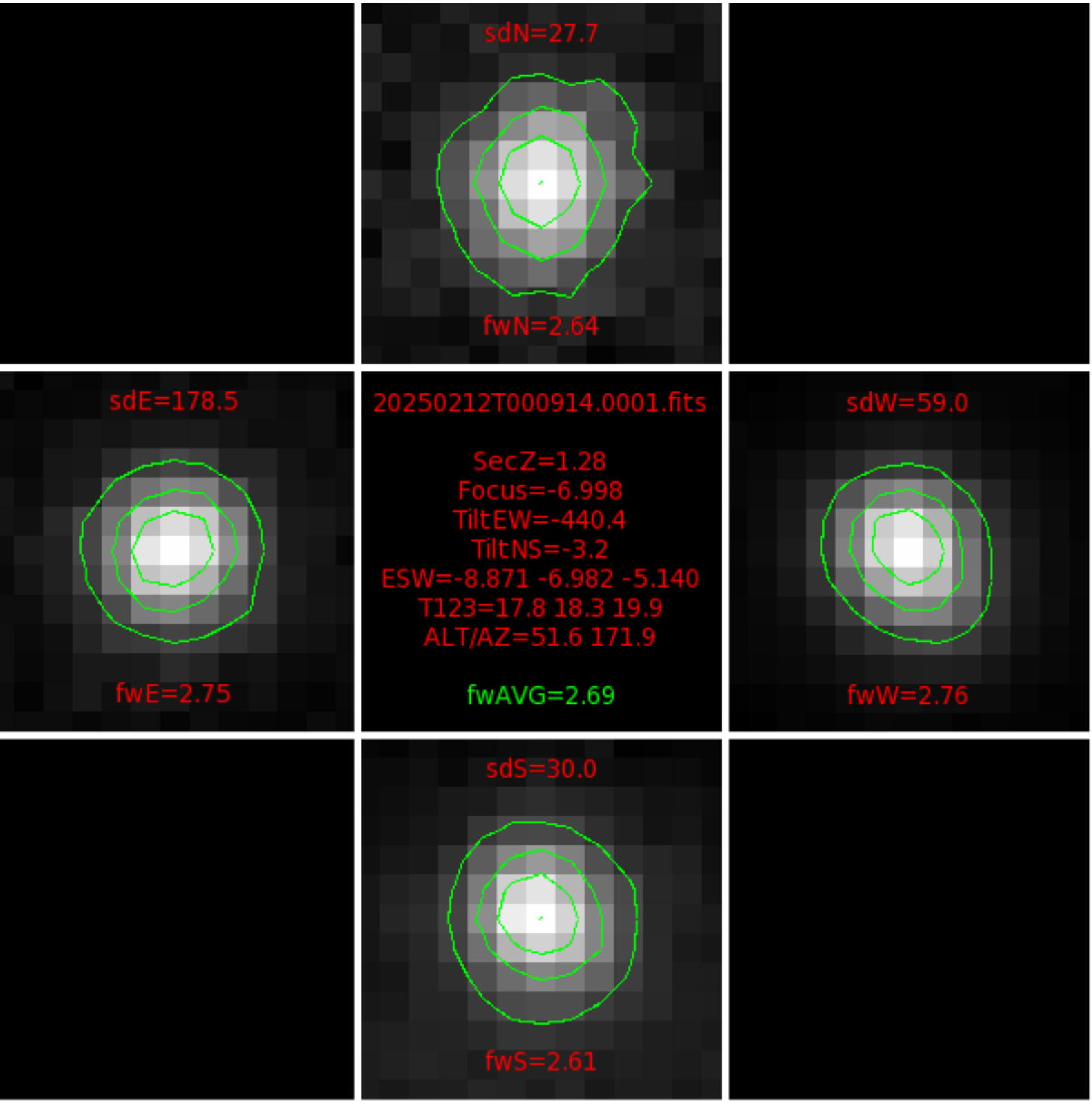
sdN=27.7
fwN=2.64
sdE=178.5
fwE=2.75
20250212T000914.0001.fits
SecZ=1.28
Focus=-6.998
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.871 -6.982 -5.140
T123=17.8 18.3 19.9
ALT/AZ=51.6 171.9
fwAVG=2.69
sdW=59.0
fwW=2.76
sdS=30.0
fwS=2.61
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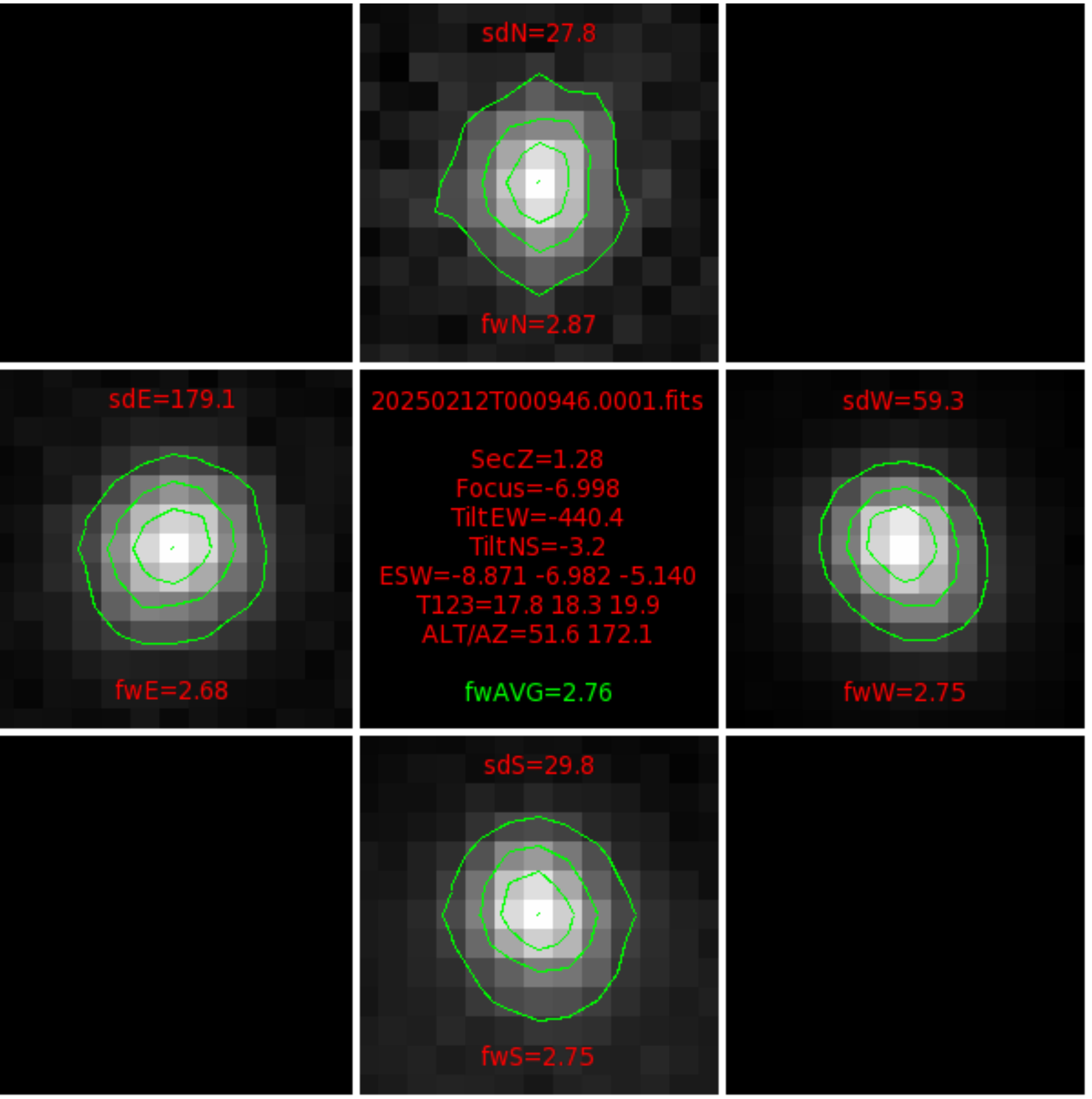
sdN=27.8
fwN=2.87
sdE=179.1
fwE=2.68
20250212T000946.0001.fits
SecZ=1.28
Focus=-6.998
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.871 -6.982 -5.140
T123=17.8 18.3 19.9
ALT/AZ=51.6 172.1
fwAVG=2.76
sdW=59.3
fwW=2.75
sdS=29.8
fwS=2.75
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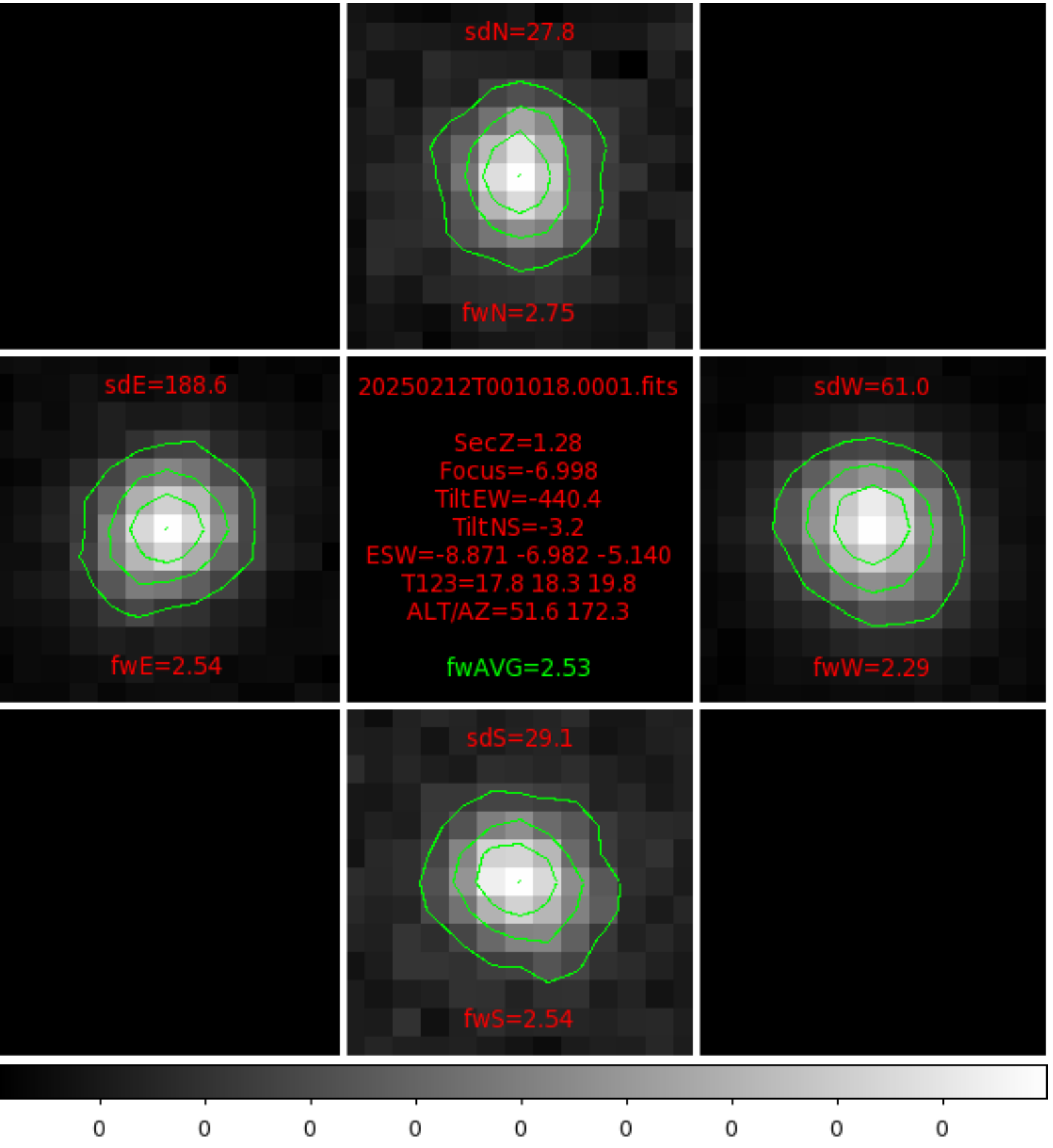
sdN=27.8
fwN=2.75
sdE=188.6
fwE=2.54
20250212T001018.0001.fits
SecZ=1.28
Focus=-6.998
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.871 -6.982 -5.140
T123=17.8 18.3 19.8
ALT/AZ=51.6 172.3
fwAVG=2.53
sdW=61.0
fwW=2.29
sdS=29.1
fwS=2.54
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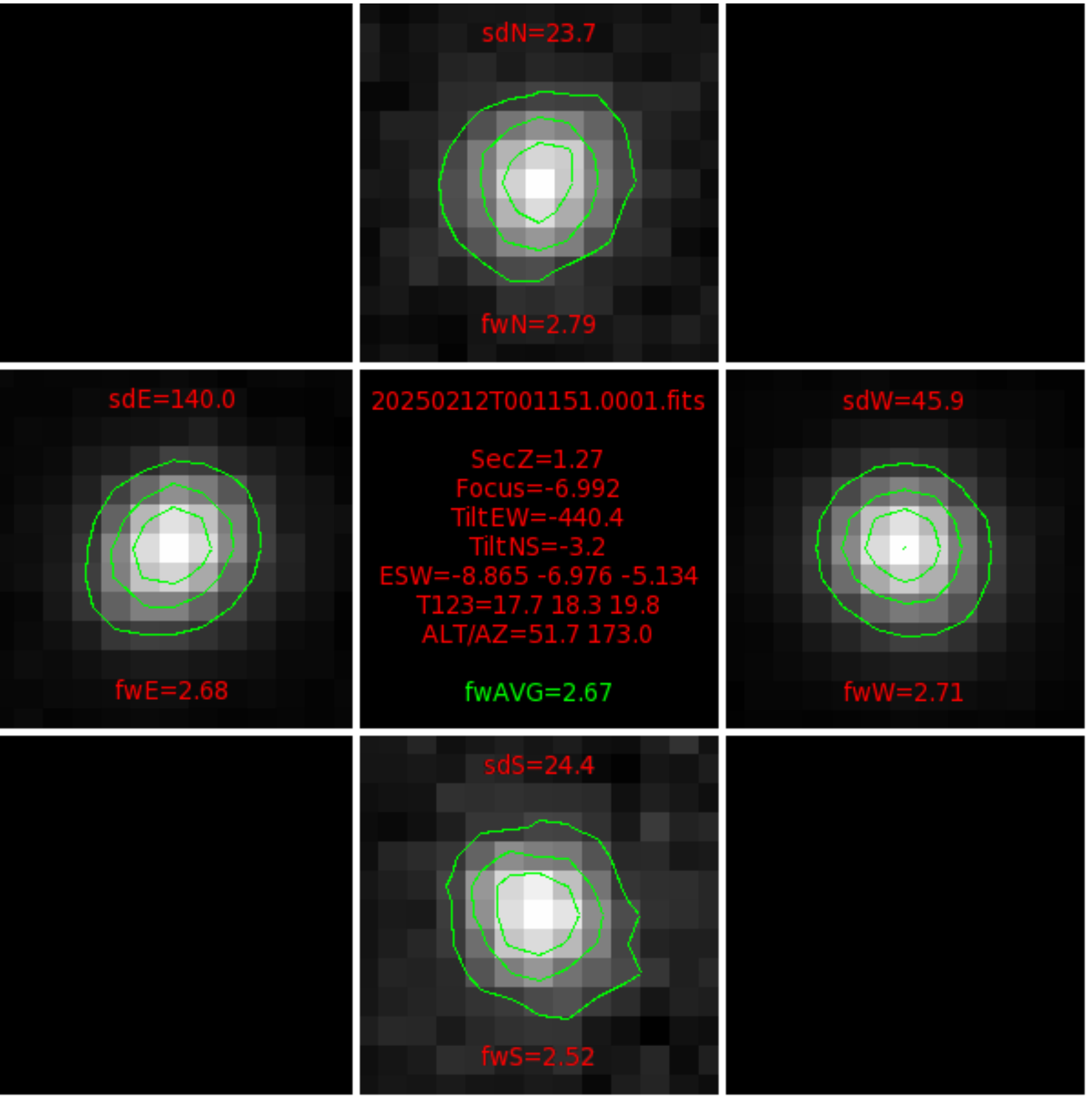
sdN=23.7
fwN=2.79
sdE=140.0
fwE=2.68
20250212T001151.0001.fits
SecZ=1.27
Focus=-6.992
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.865 -6.976 -5.134
T123=17.7 18.3 19.8
ALT/AZ=51.7 173.0
fwAVG=2.67
sdW=45.9
fwW=2.71
sdS=24.4
fwS=2.52
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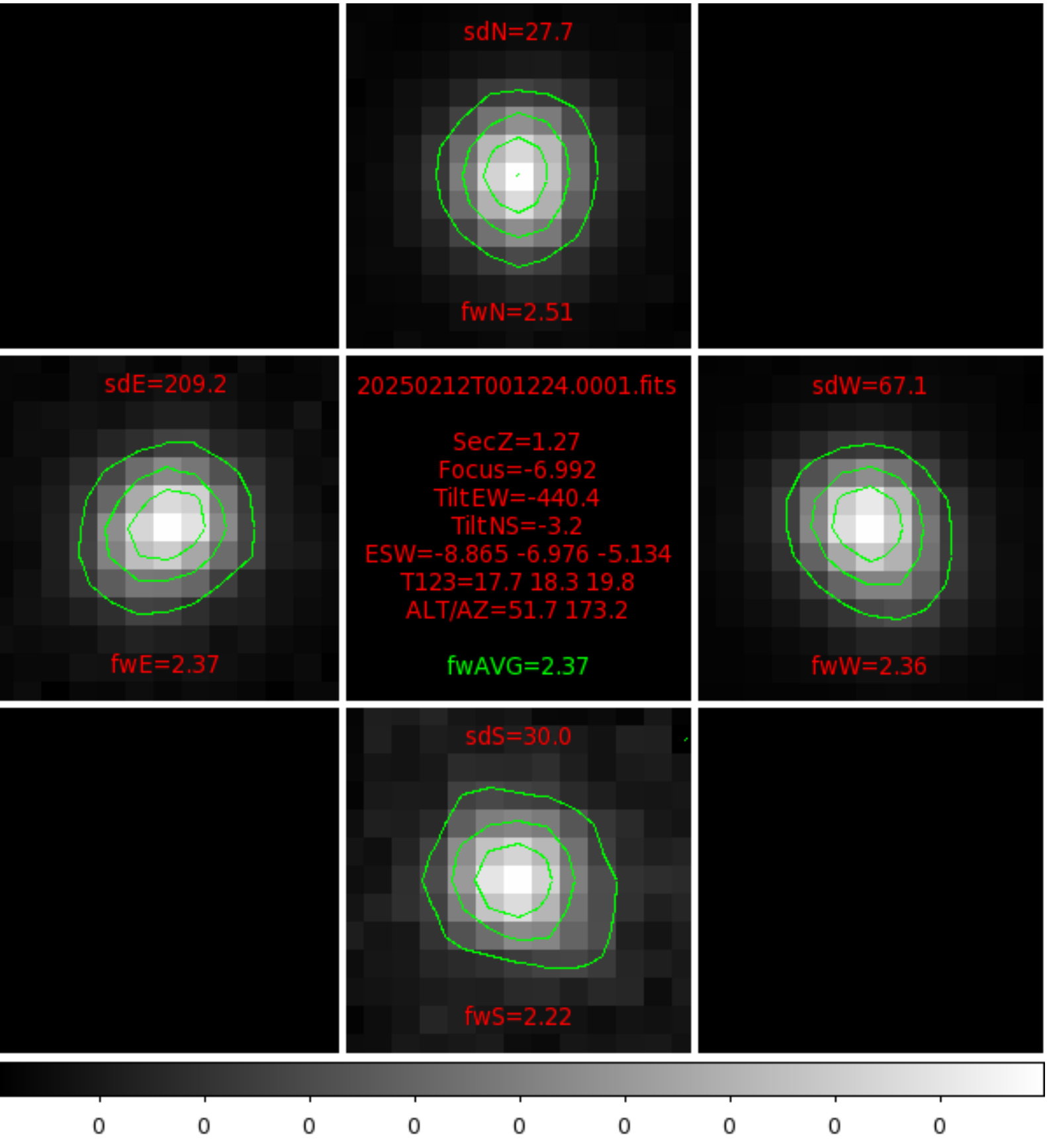
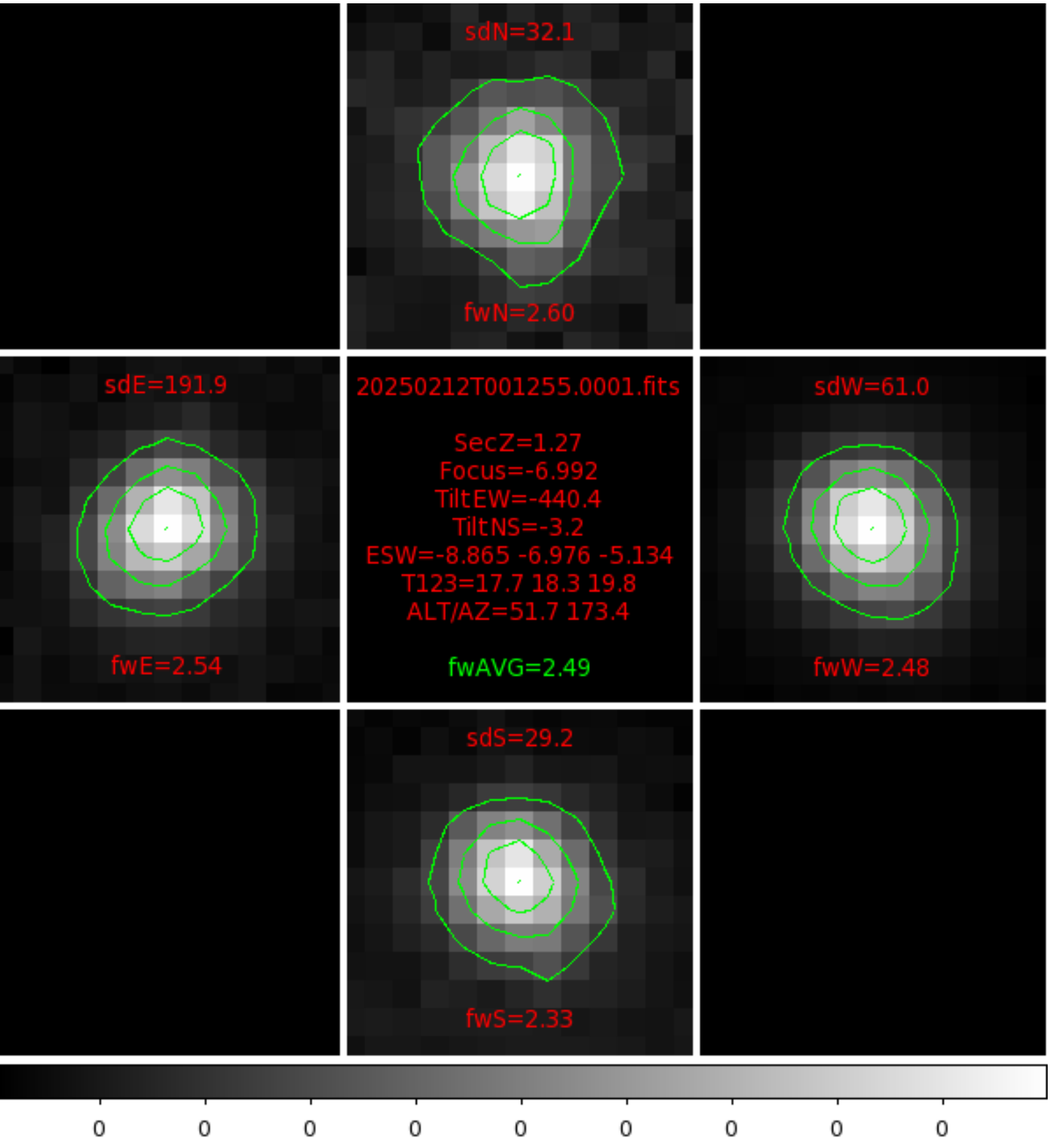

sdN=27.7
fwN=2.51
sdE=209.2
fwE=2.37
20250212T001224.0001.fits
SecZ=1.27
Focus=-6.992
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.865 -6.976 -5.134
T123=17.7 18.3 19.8
ALT/AZ=51.7 173.2
fwAVG=2.37
sdW=67.1
fwW=2.36
sdS=30.0
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=32.1
fwN=2.60
sdE=191.9
fwE=2.54
20250212T001255.0001.fits
SecZ=1.27
Focus=-6.992
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.865 -6.976 -5.134
T123=17.7 18.3 19.8
ALT/AZ=51.7 173.4
fwAVG=2.49
sdW=61.0
fwW=2.48
sdS=29.2
fwS=2.33
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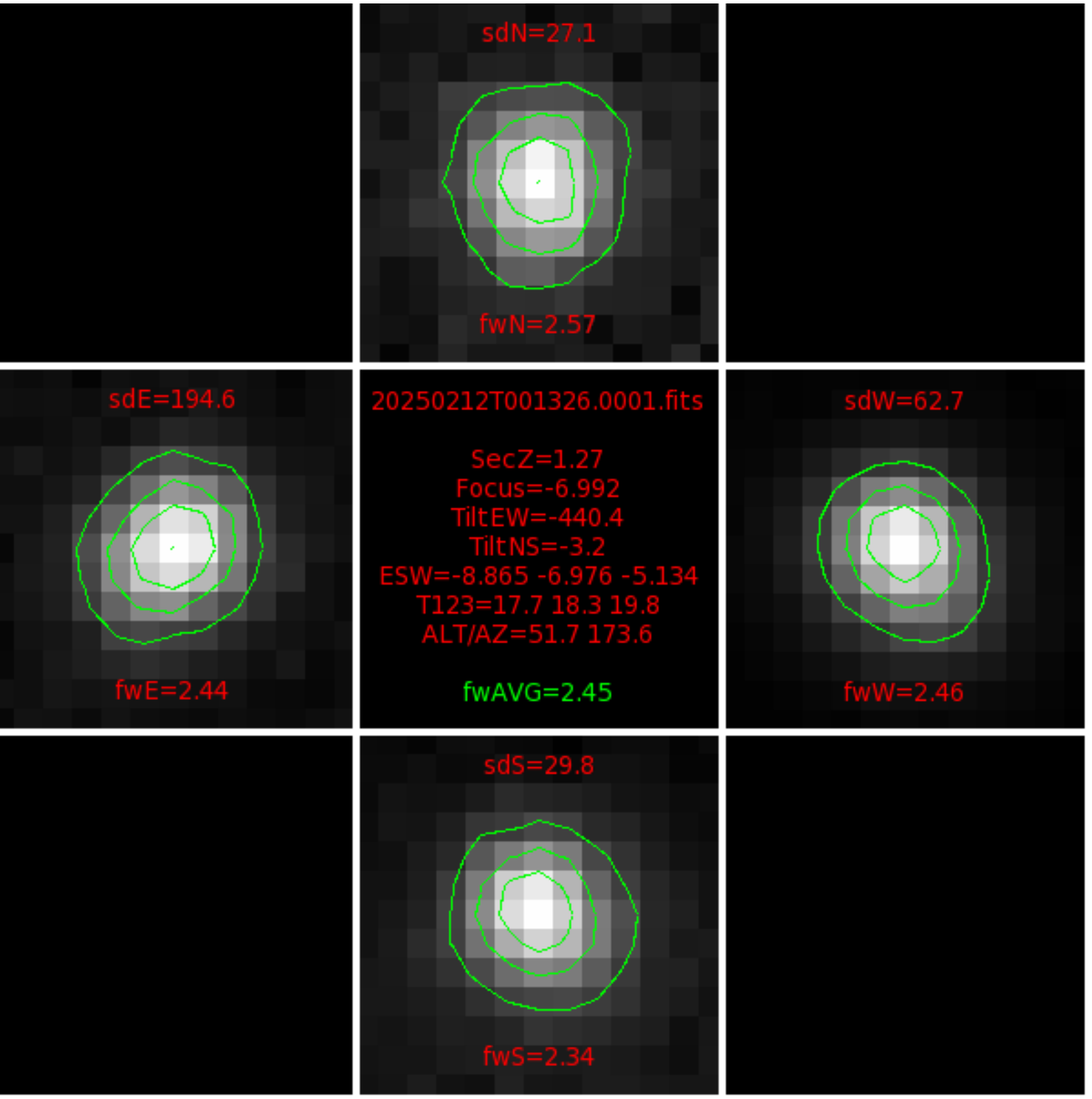
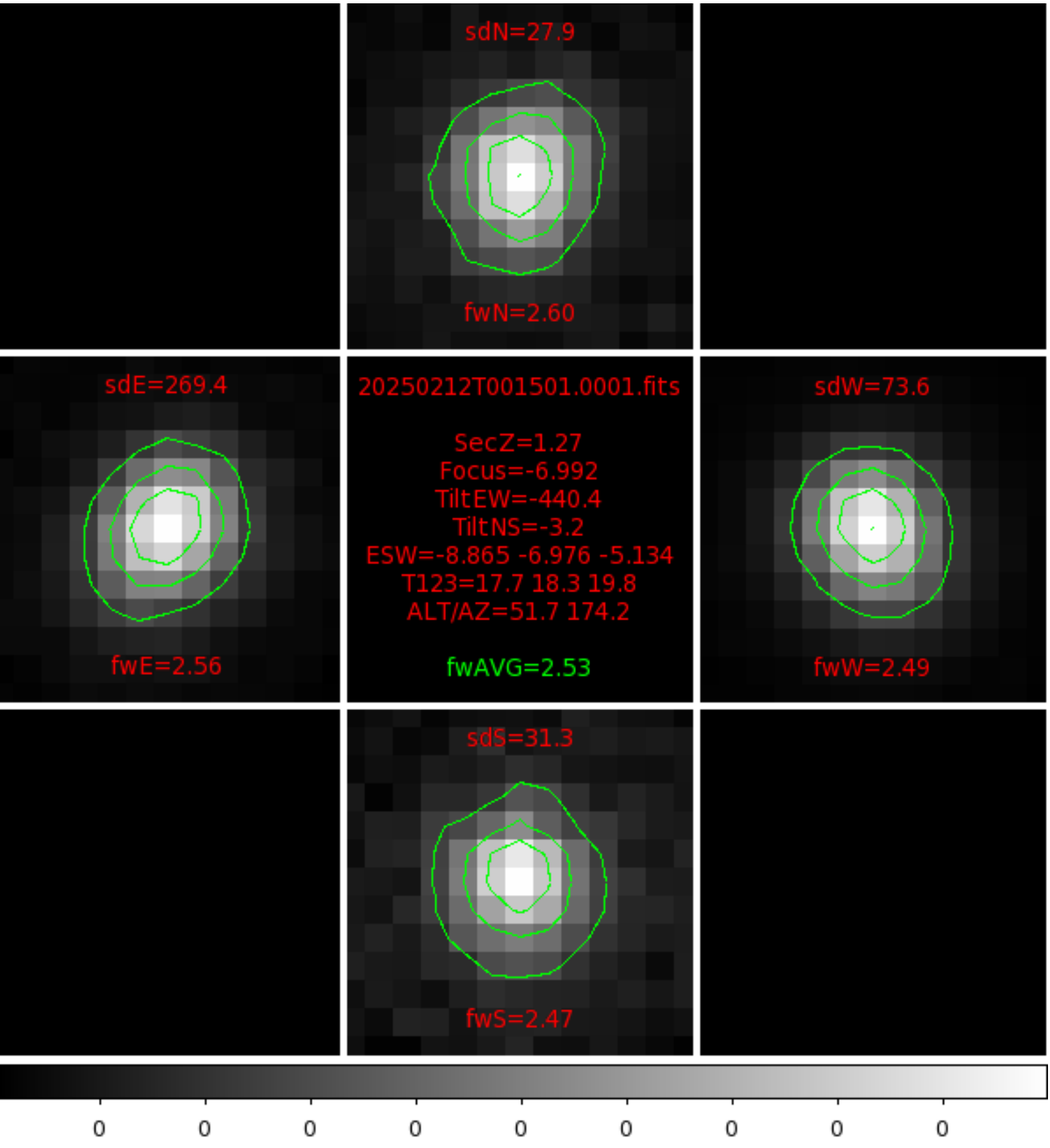

sdN=27.1
fwN=2.57
sdE=194.6
fwE=2.44
20250212T001326.0001.fits
SecZ=1.27
Focus=-6.992
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.865 -6.976 -5.134
T123=17.7 18.3 19.8
ALT/AZ=51.7 173.6
fwAVG=2.45
sdW=62.7
fwW=2.46
sdS=29.8
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=27.9
fwN=2.60
sdE=269.4
fwE=2.56
20250212T001501.0001.fits
SecZ=1.27
Focus=-6.992
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.865 -6.976 -5.134
T123=17.7 18.3 19.8
ALT/AZ=51.7 174.2
fwAVG=2.53
sdW=73.6
fwW=2.49
sdS=31.3
fwS=2.47
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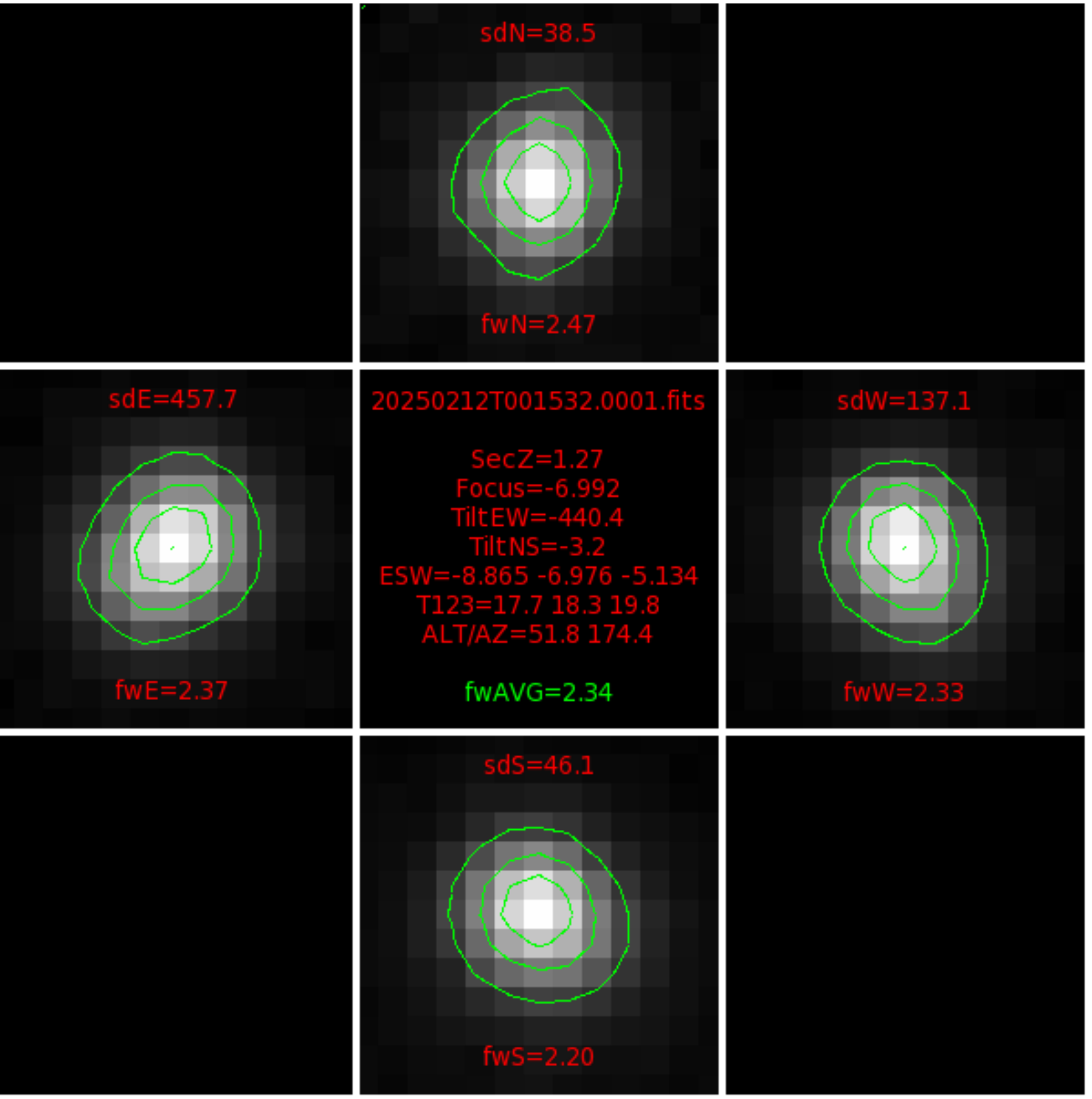
sdN=38.5
fwN=2.47
sdE=457.7
fwE=2.37
20250212T001532.0001.fits
SecZ=1.27
Focus=-6.992
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.865 -6.976 -5.134
T123=17.7 18.3 19.8
ALT/AZ=51.8 174.4
fwAVG=2.34
sdW=137.1
fwW=2.33
sdS=46.1
fwS=2.20
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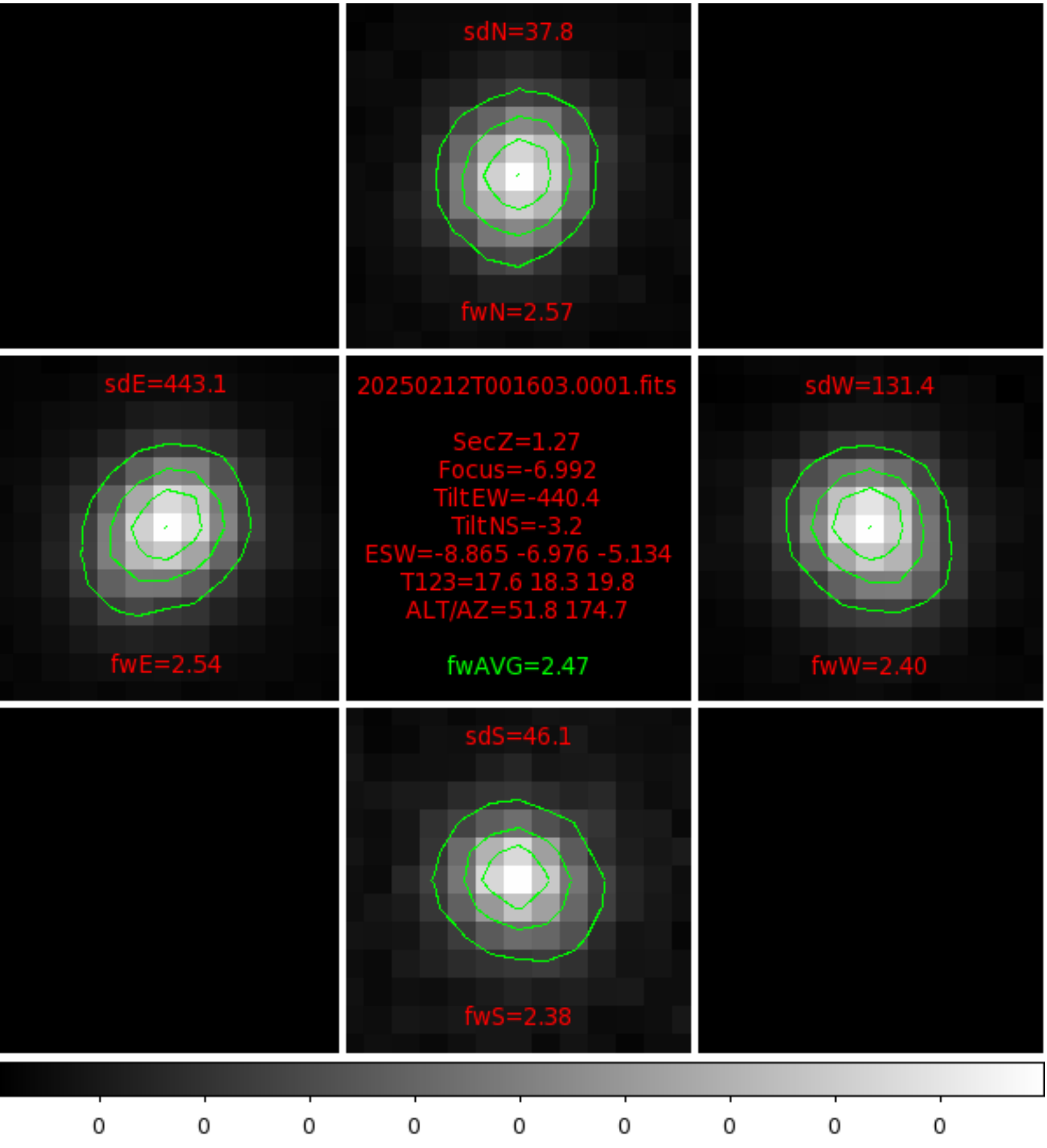
sdN=37.8
fwN=2.57
sdE=443.1
fwE=2.54
20250212T001603.0001.fits
SecZ=1.27
Focus=-6.992
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.865 -6.976 -5.134
T123=17.6 18.3 19.8
ALT/AZ=51.8 174.7
fwAVG=2.47
sdW=131.4
fwW=2.40
sdS=46.1
fwS=2.38
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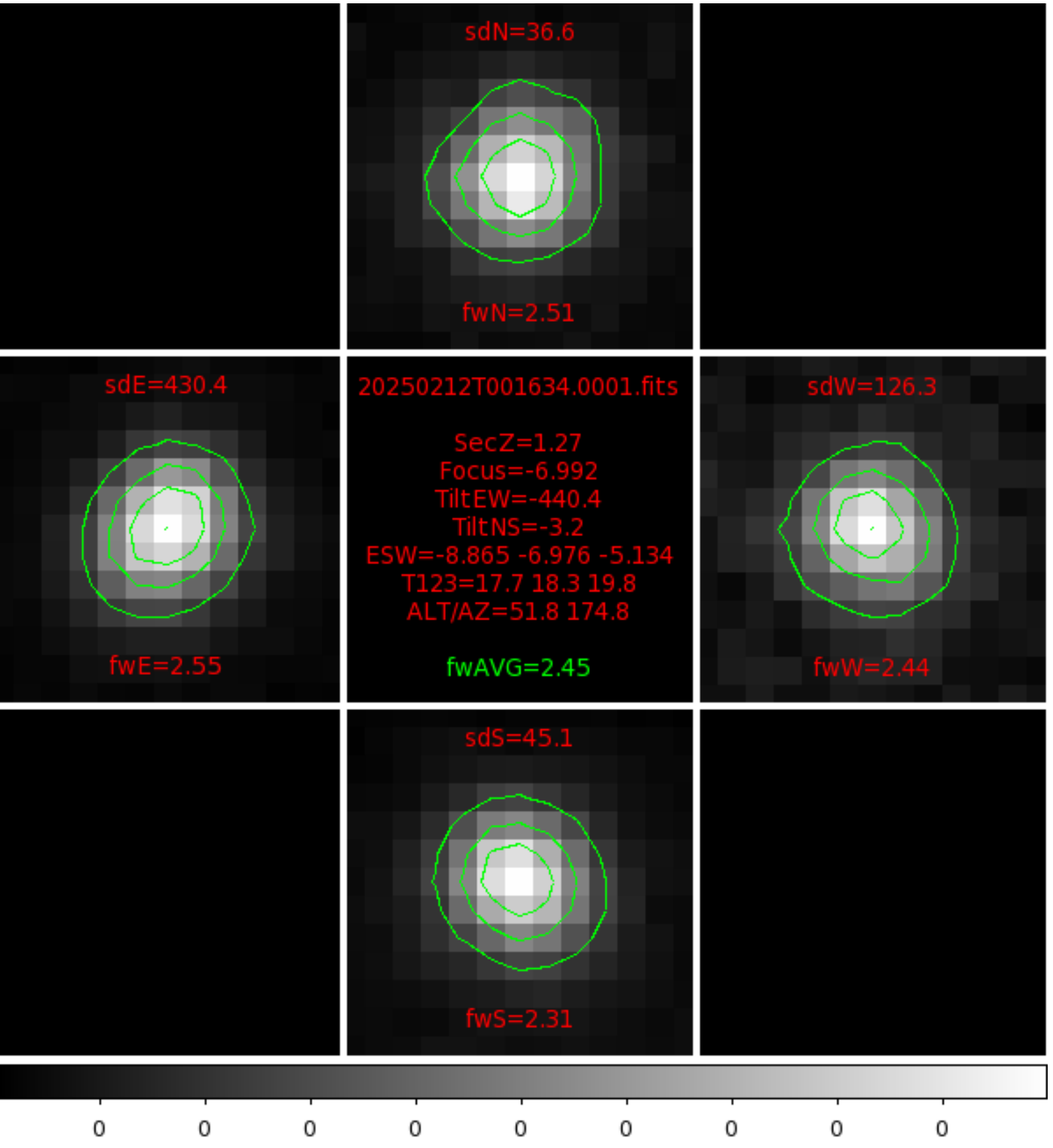
sdN=36.6
fwN=2.51
sdE=430.4
fwE=2.55
20250212T001634.0001.fits
SecZ=1.27
Focus=-6.992
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.865 -6.976 -5.134
T123=17.7 18.3 19.8
ALT/AZ=51.8 174.8
fwAVG=2.45
sdW=126.3
fwW=2.44
sdS=45.1
fwS=2.31
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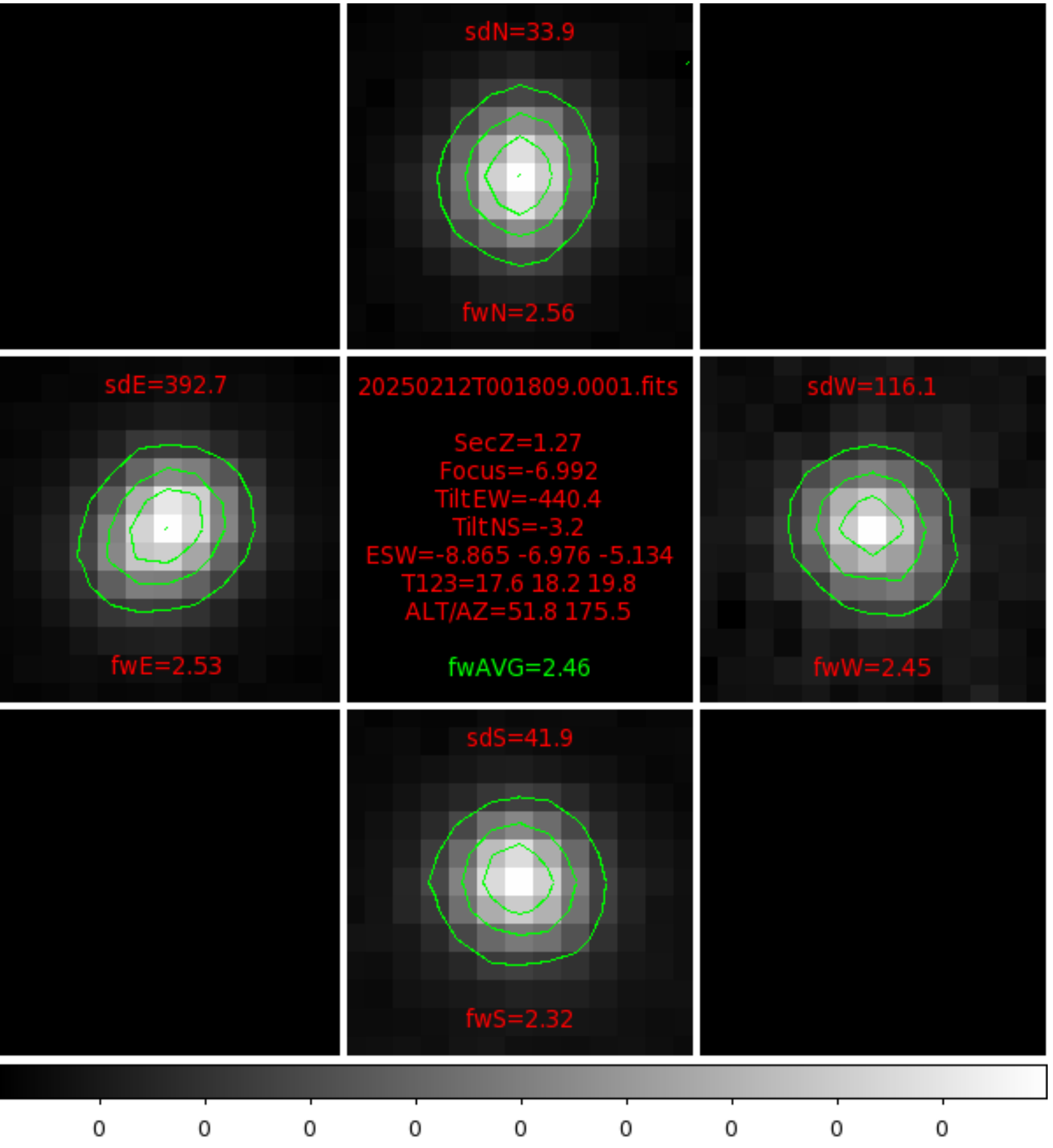
sdN=33.9
fwN=2.56
sdE=392.7
fwE=2.53
20250212T001809.0001.fits
SecZ=1.27
Focus=-6.992
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.865 -6.976 -5.134
T123=17.6 18.2 19.8
ALT/AZ=51.8 175.5
fwAVG=2.46
sdW=116.1
fwW=2.45
sdS=41.9
fwS=2.32
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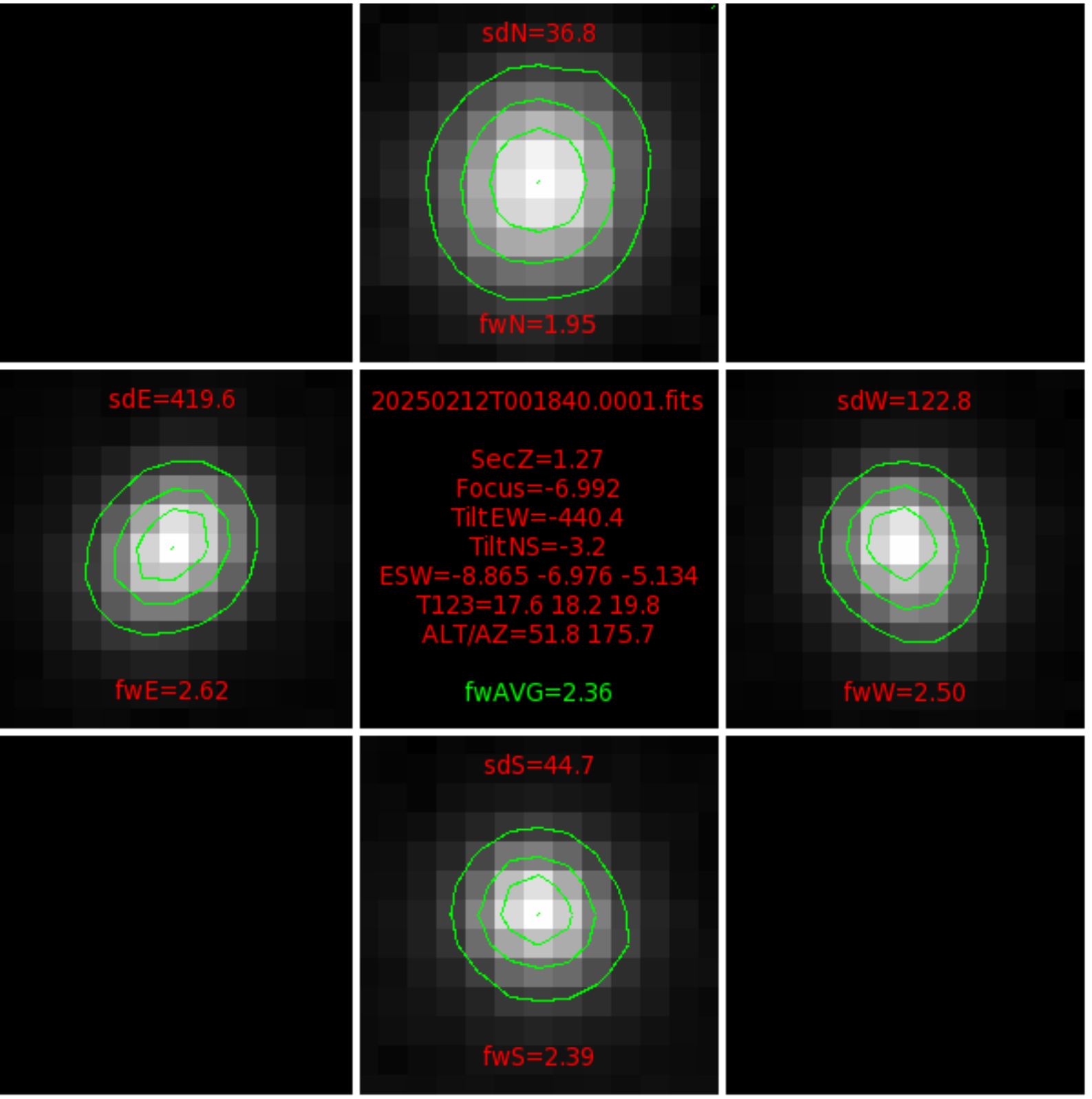
sdN=36.8
fwN=1.95
sdE=419.6
fwE=2.62
20250212T001840.0001.fits
SecZ=1.27
Focus=-6.992
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.865 -6.976 -5.134
T123=17.6 18.2 19.8
ALT/AZ=51.8 175.7
fwAVG=2.36
sdW=122.8
fwW=2.50
sdS=44.7
fwS=2.39
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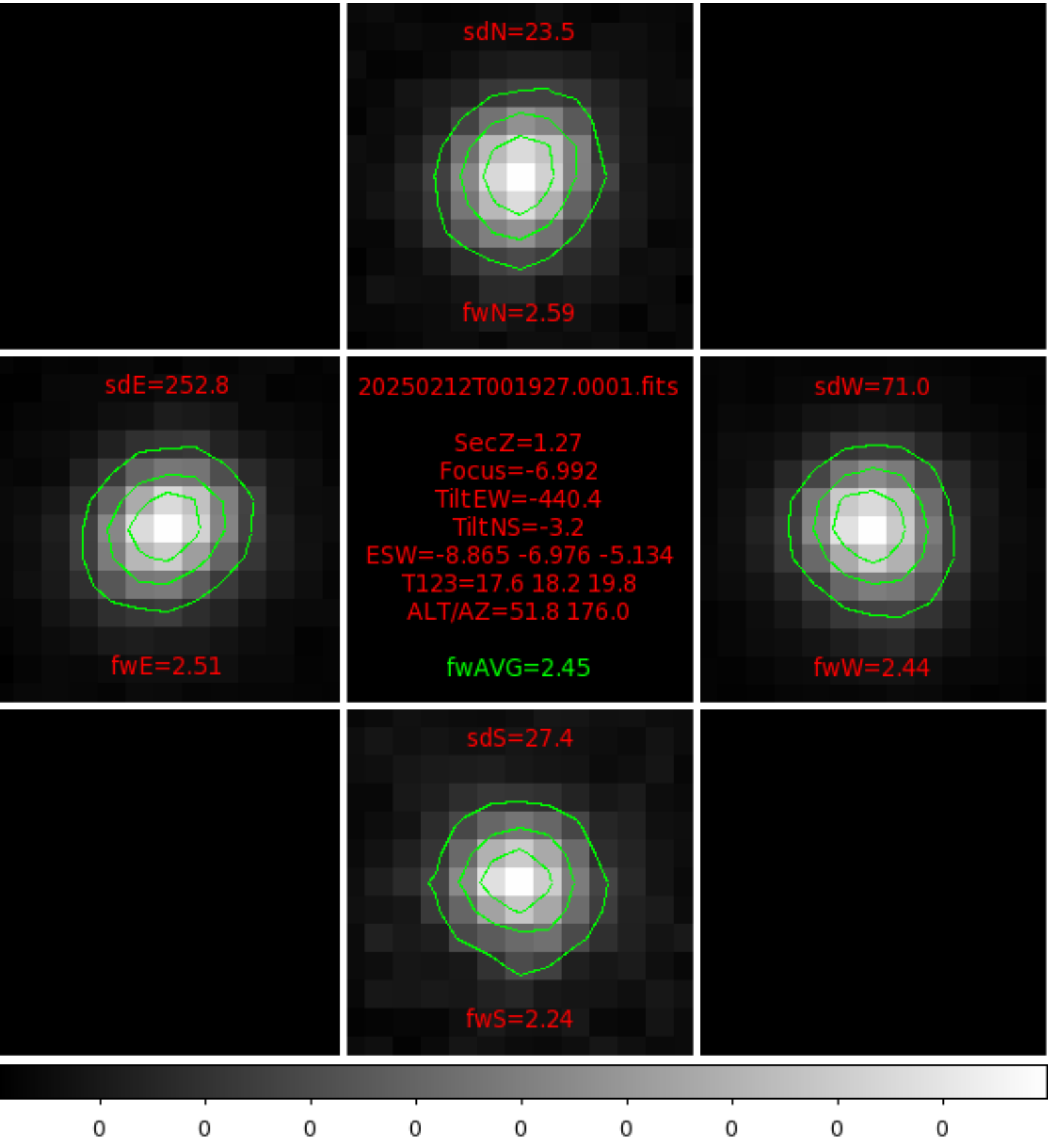
sdN=23.5
fwN=2.59
sdE=252.8
fwE=2.51
20250212T001927.0001.fits
SecZ=1.27
Focus=-6.992
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.865 -6.976 -5.134
T123=17.6 18.2 19.8
ALT/AZ=51.8 176.0
fwAVG=2.45
sdW=71.0
fwW=2.44
sdS=27.4
fwS=2.24
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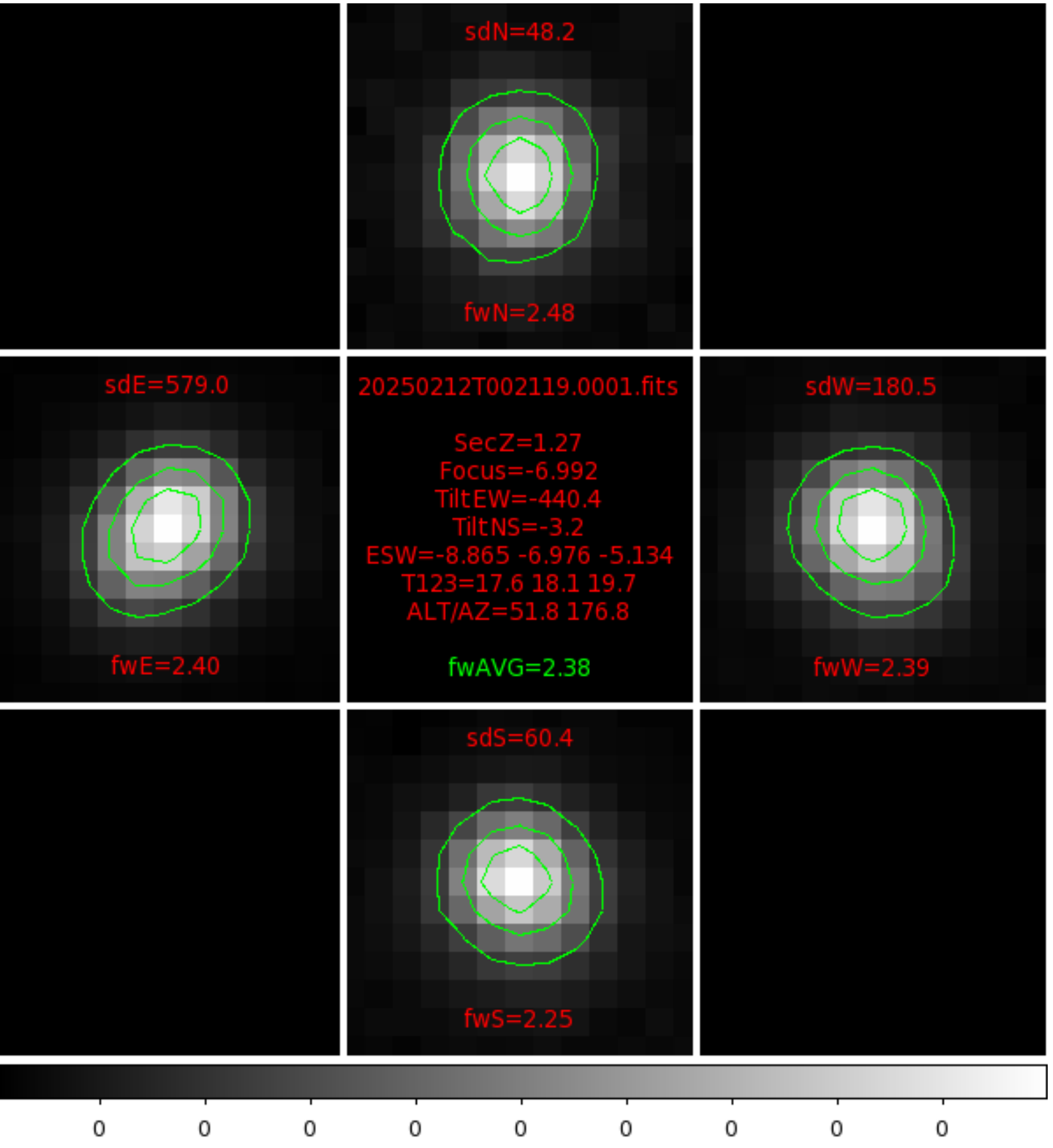
sdN=48.2
fwN=2.48
sdE=579.0
fwE=2.40
20250212T002119.0001.fits
SecZ=1.27
Focus=-6.992
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.865 -6.976 -5.134
T123=17.6 18.1 19.7
ALT/AZ=51.8 176.8
fwAVG=2.38
sdW=180.5
fwW=2.39
sdS=60.4
fwS=2.25
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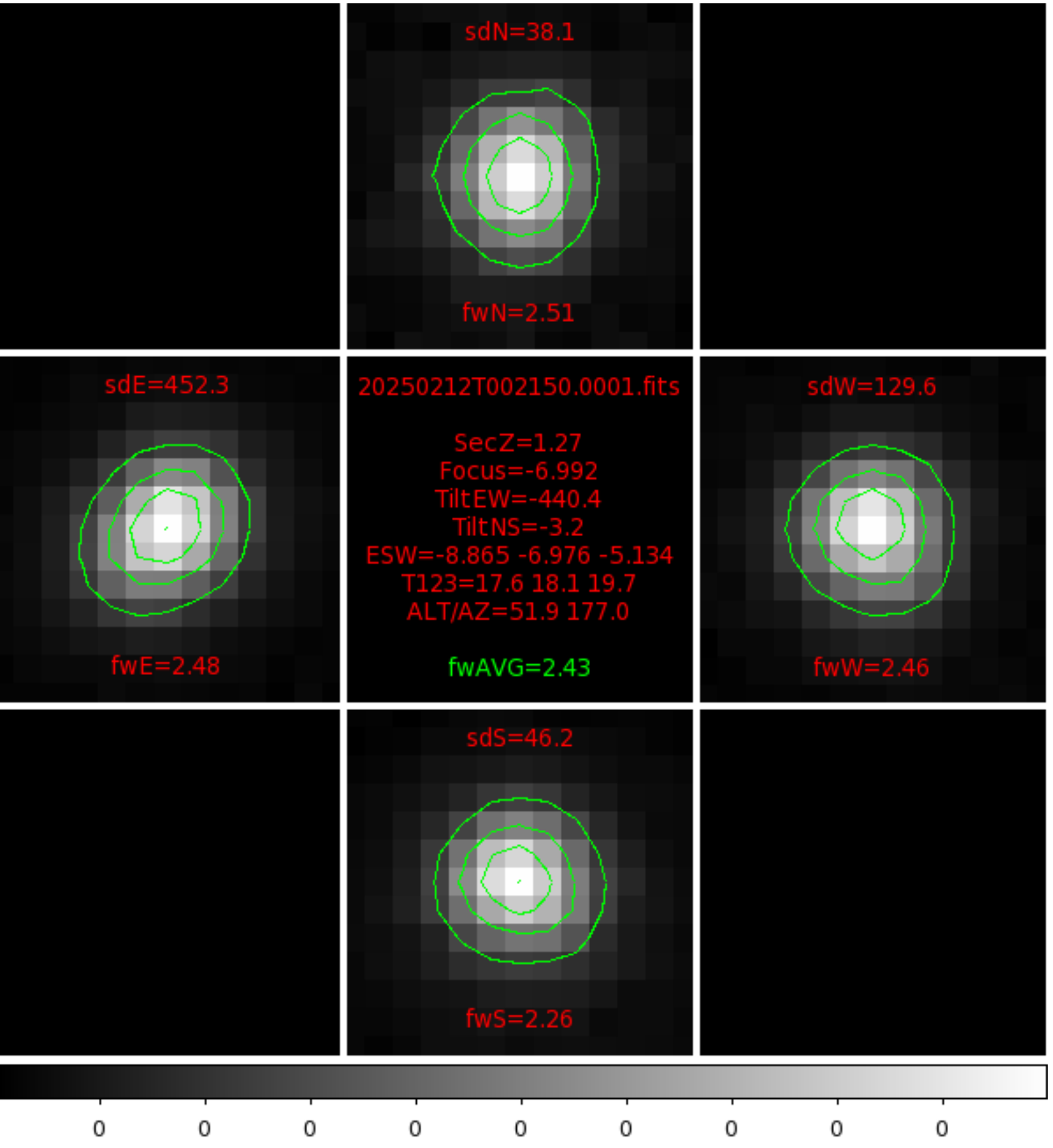
sdN=38.1
fwN=2.51
sdE=452.3
fwE=2.48
20250212T002150.0001.fits
SecZ=1.27
Focus=-6.992
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.865 -6.976 -5.134
T123=17.6 18.1 19.7
ALT/AZ=51.9 177.0
fwAVG=2.43
sdW=129.6
fwW=2.46
sdS=46.2
fwS=2.26
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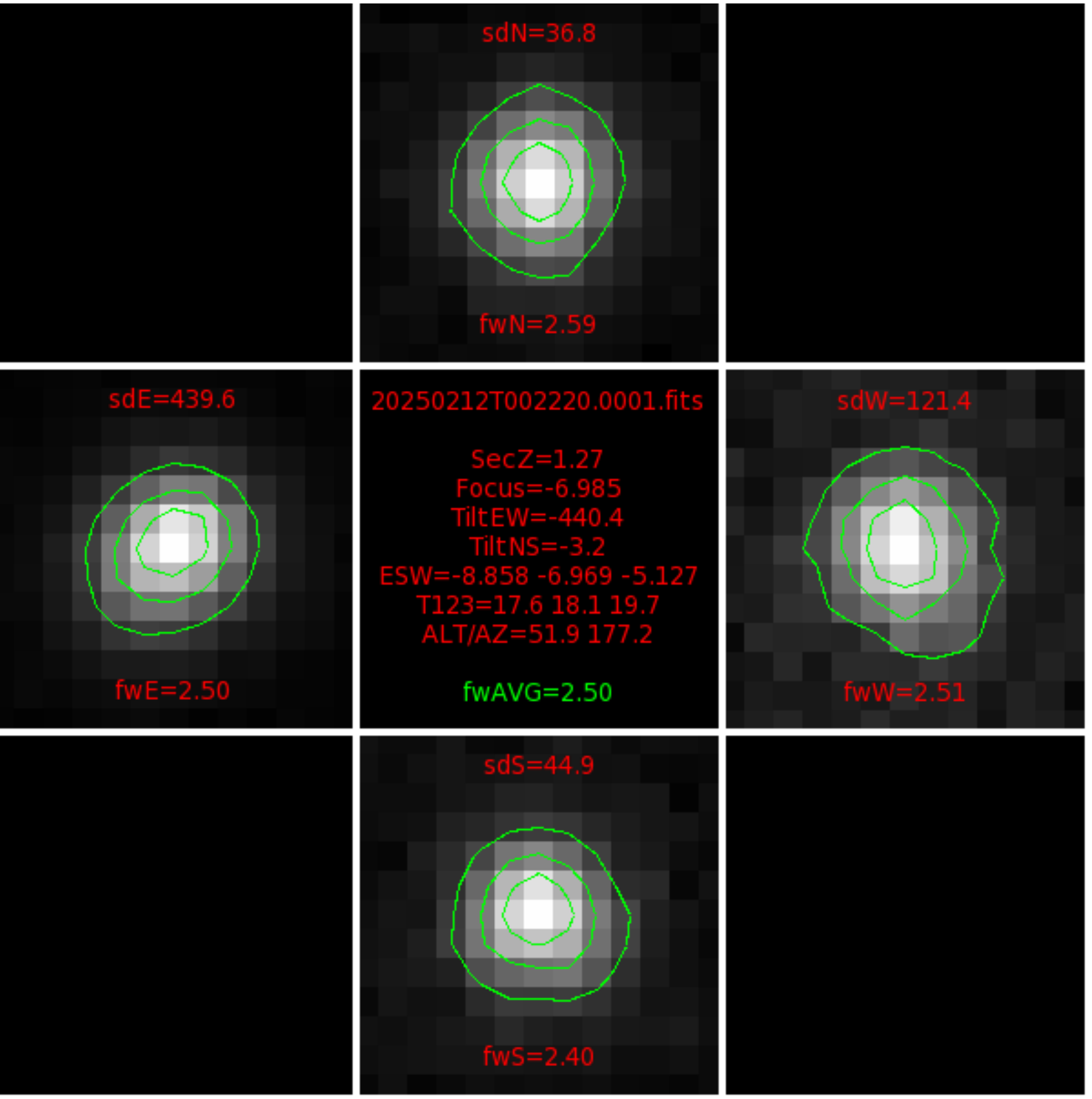
sdN=36.8
fwN=2.59
sdE=439.6
fwE=2.50
20250212T002220.0001.fits
SecZ=1.27
Focus=-6.985
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.858 -6.969 -5.127
T123=17.6 18.1 19.7
ALT/AZ=51.9 177.2
fwAVG=2.50
sdW=121.4
fwW=2.51
sdS=44.9
fwS=2.40
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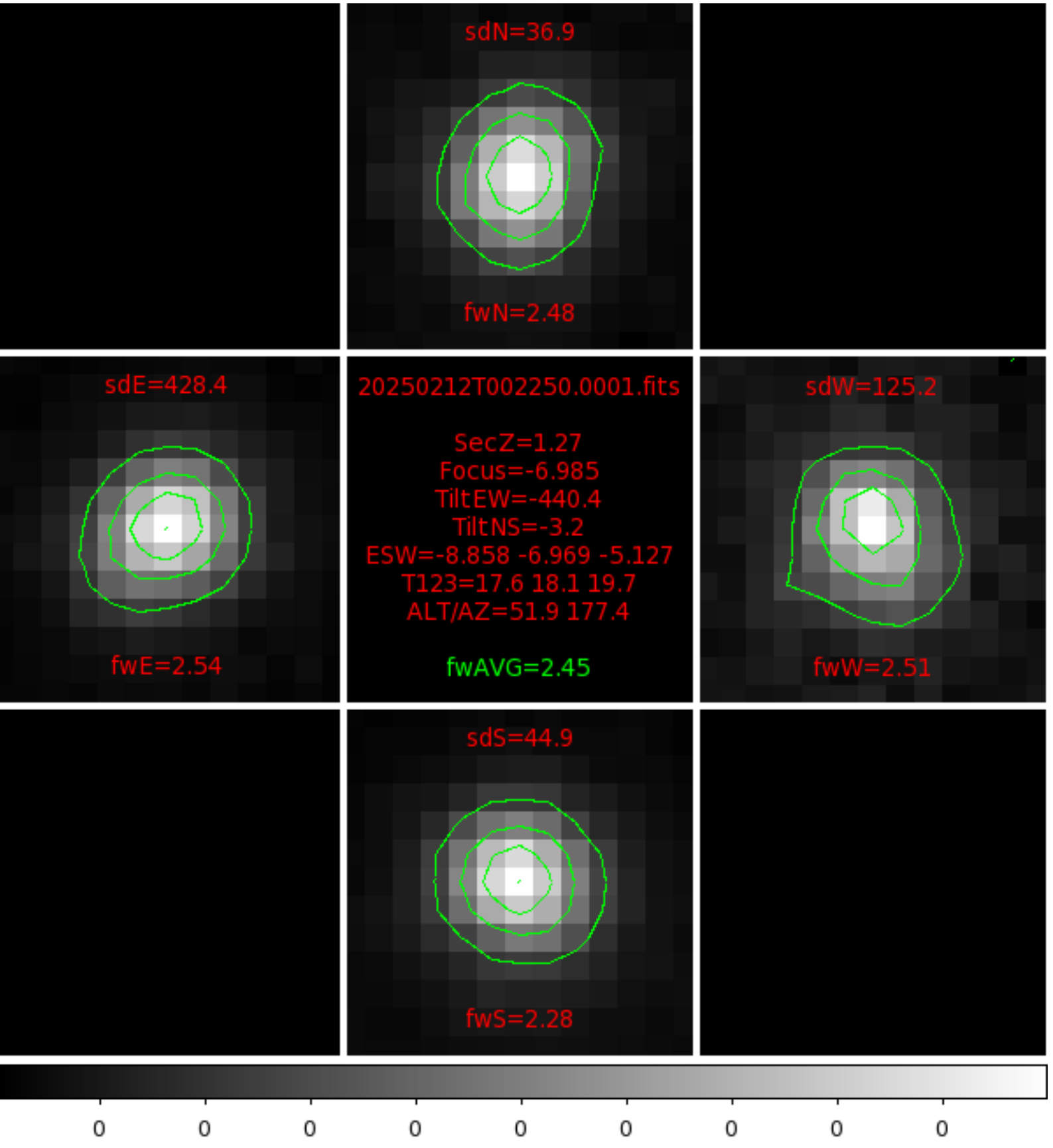
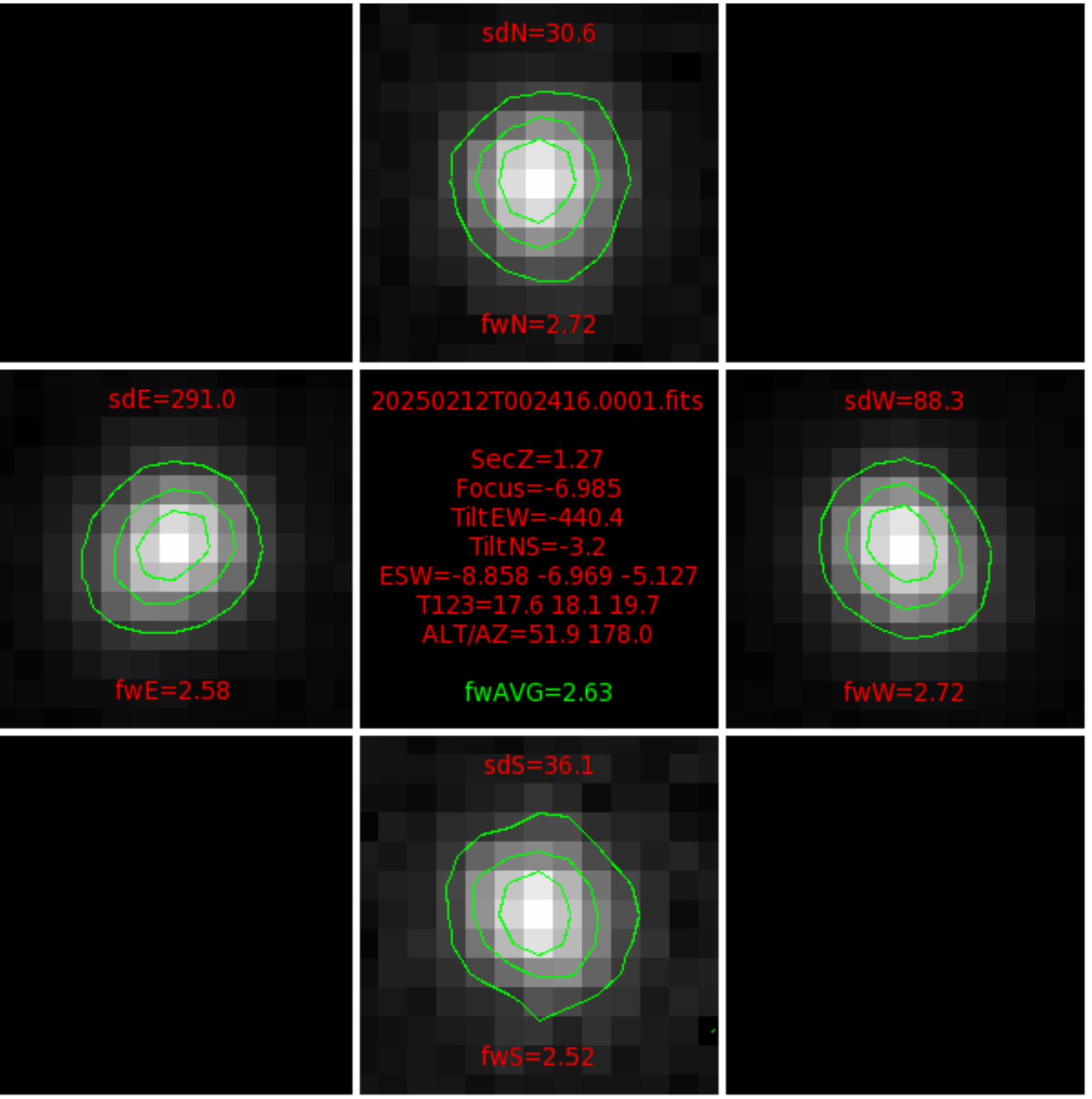

sdN=36.9
fwN=2.48
sdE=428.4
fwE=2.54
20250212T002250.0001.fits
SecZ=1.27
Focus=-6.985
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.858 -6.969 -5.127
T123=17.6 18.1 19.7
ALT/AZ=51.9 177.4
fwAVG=2.45
sdW=125.2
fwW=2.51
sdS=44.9
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=30.6
fwN=2.72
sdE=291.0
fwE=2.58
20250212T002416.0001.fits
SecZ=1.27
Focus=-6.985
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.858 -6.969 -5.127
T123=17.6 18.1 19.7
ALT/AZ=51.9 178.0
fwAVG=2.63
sdW=88.3
fwW=2.72
sdS=36.1
fwS=2.52
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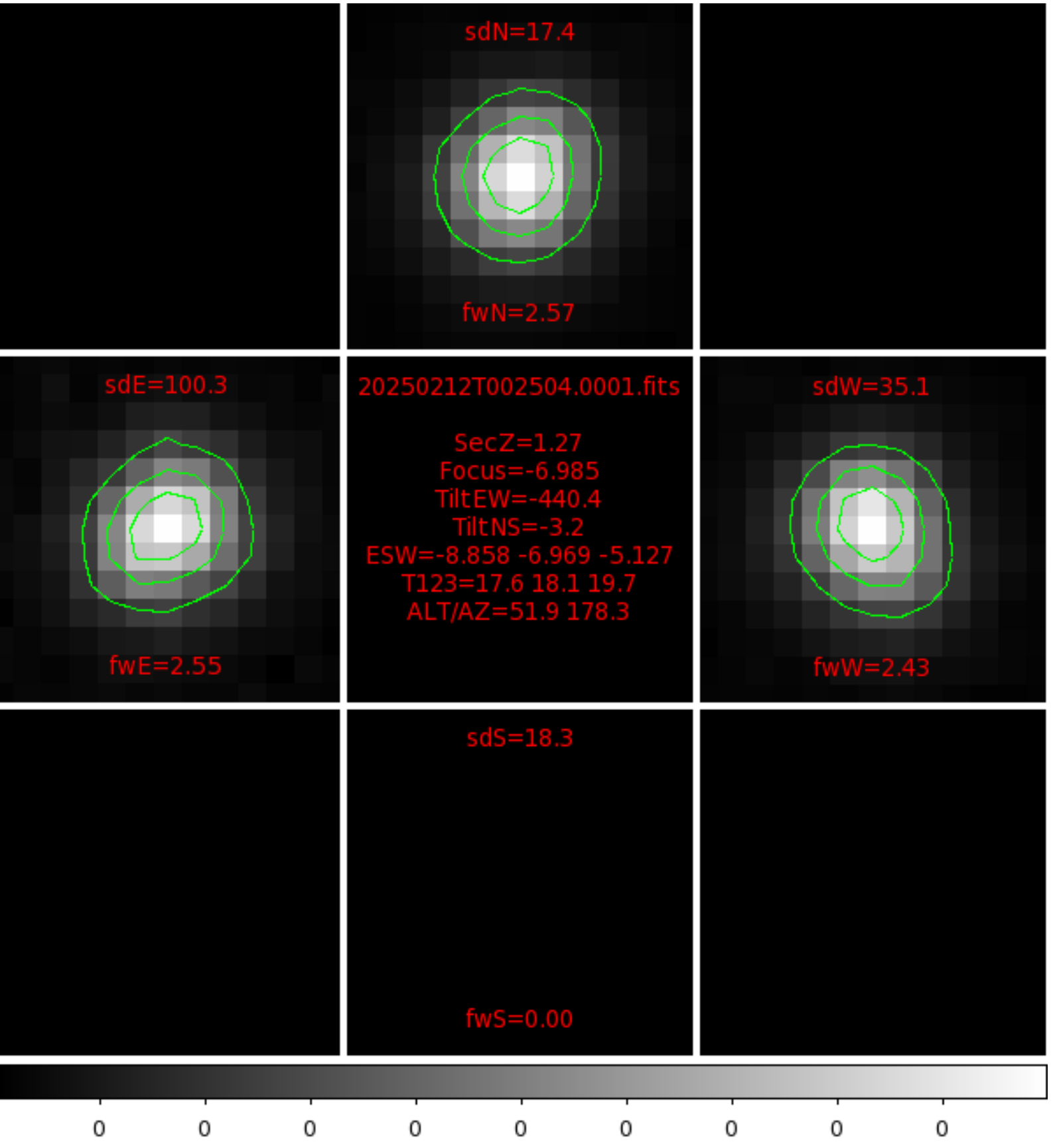
sdN=17.4
fwN=2.57
sdE=100.3
fwE=2.55
20250212T002504.0001.fits
SecZ=1.27
Focus=-6.985
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.858 -6.969 -5.127
T123=17.6 18.1 19.7
ALT/AZ=51.9 178.3
sdW=35.1
fwW=2.43
sdS=18.3
fwS=0.00
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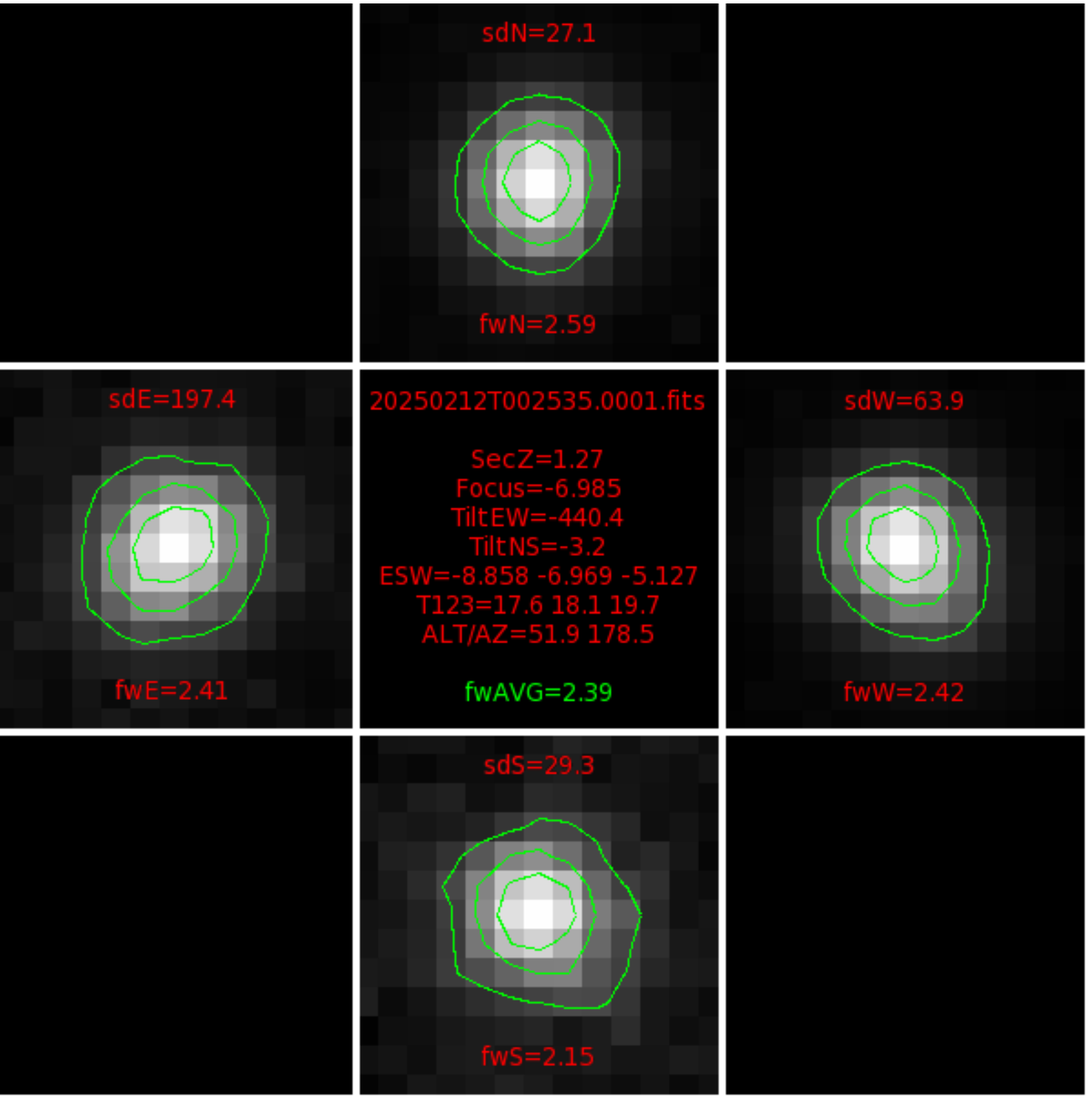
sdN=27.1
fwN=2.59
sdE=197.4
fwE=2.41
20250212T002535.0001.fits
SecZ=1.27
Focus=-6.985
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.858 -6.969 -5.127
T123=17.6 18.1 19.7
ALT/AZ=51.9 178.5
fwAVG=2.39
sdW=63.9
fwW=2.42
sdS=29.3
fwS=2.15
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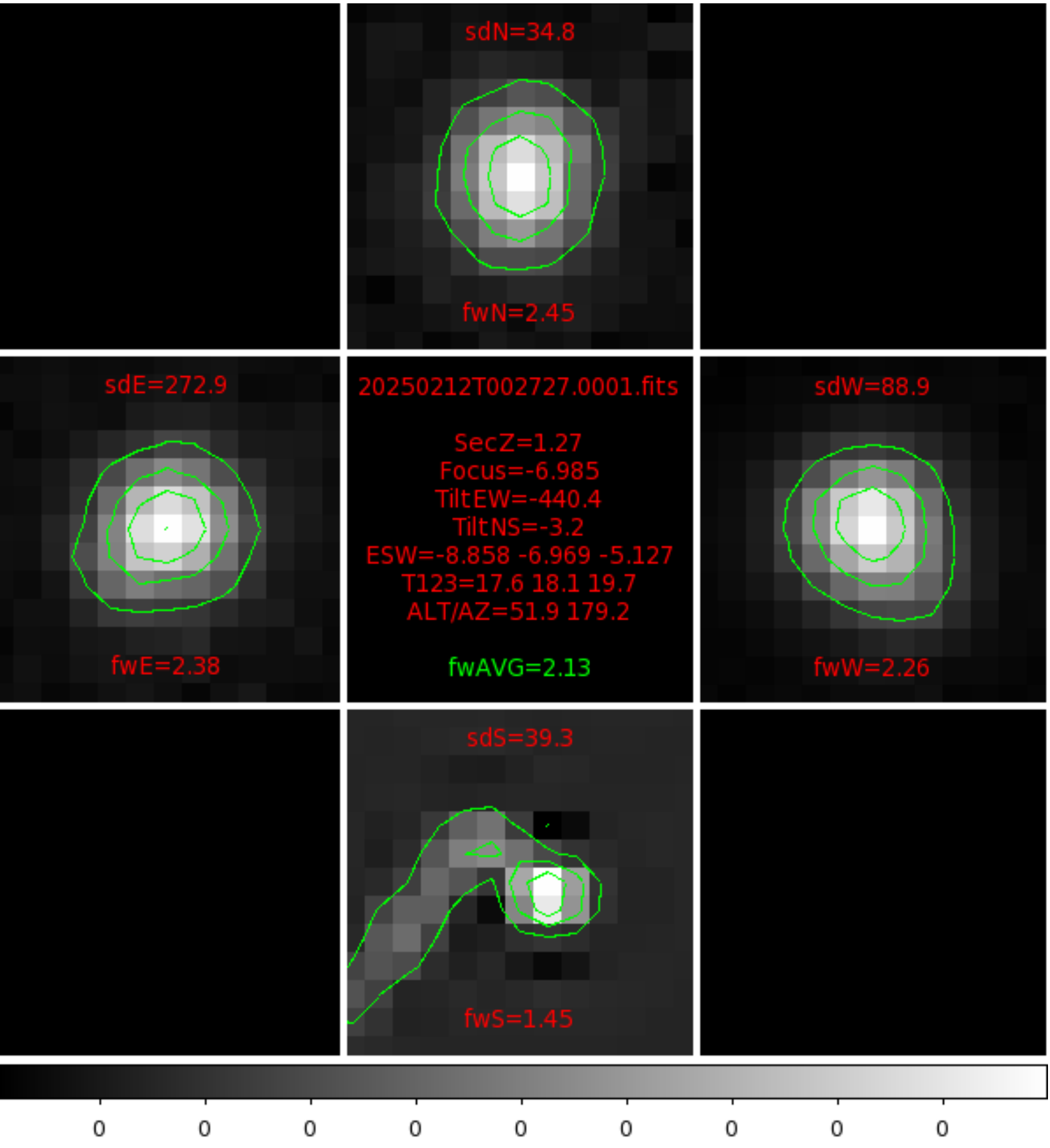
sdN=34.8
fwN=2.45
sdE=272.9
fwE=2.38
20250212T002727.0001.fits
SecZ=1.27
Focus=-6.985
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.858 -6.969 -5.127
T123=17.6 18.1 19.7
ALT/AZ=51.9 179.2
fwAVG=2.13
sdW=88.9
fwW=2.26
sdS=39.3
fwS=1.45
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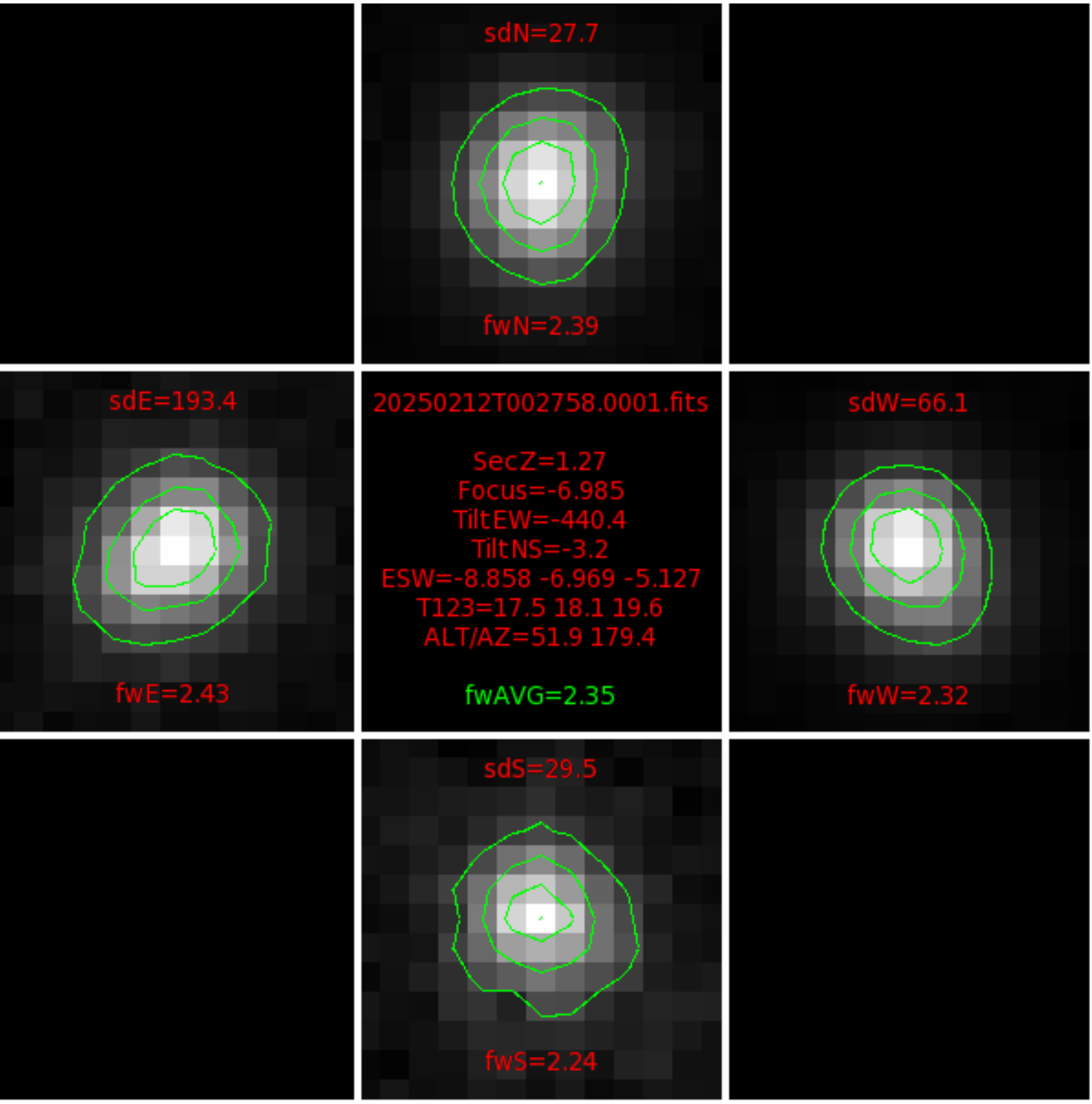
sdN=27.7
fwN=2.39
sdE=193.4
fwE=2.43
20250212T002758.0001.fits
SecZ=1.27
Focus=-6.985
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.858 -6.969 -5.127
T123=17.5 18.1 19.6
ALT/AZ=51.9 179.4
fwAVG=2.35
sdW=66.1
fwW=2.32
sdS=29.5
fwS=2.24
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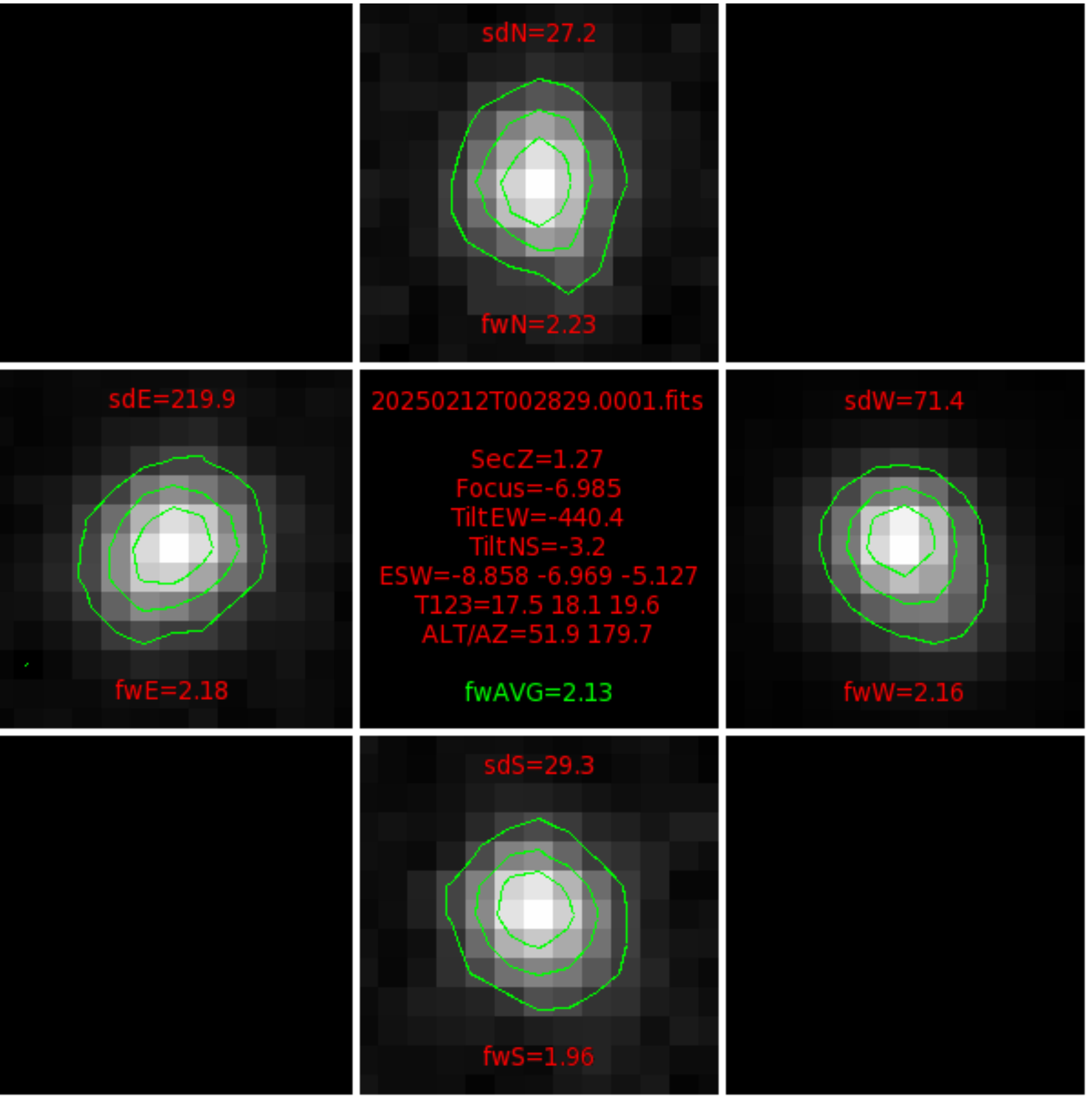
sdN=27.2
fwN=2.23
sdE=219.9
fwE=2.18
20250212T002829.0001.fits
SecZ=1.27
Focus=-6.985
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.858 -6.969 -5.127
T123=17.5 18.1 19.6
ALT/AZ=51.9 179.7
fwAVG=2.13
sdW=71.4
fwW=2.16
sdS=29.3
fwS=1.96
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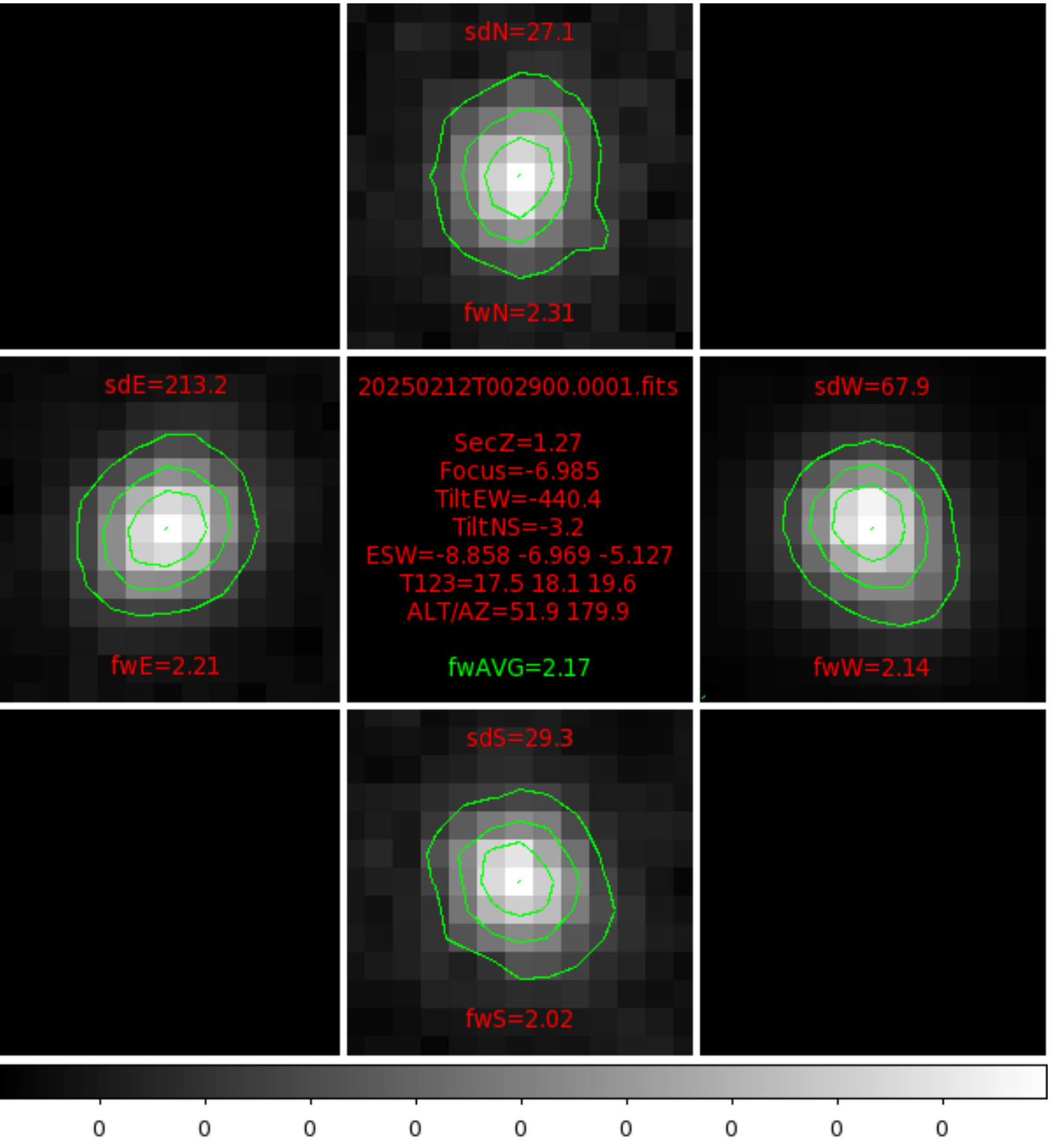
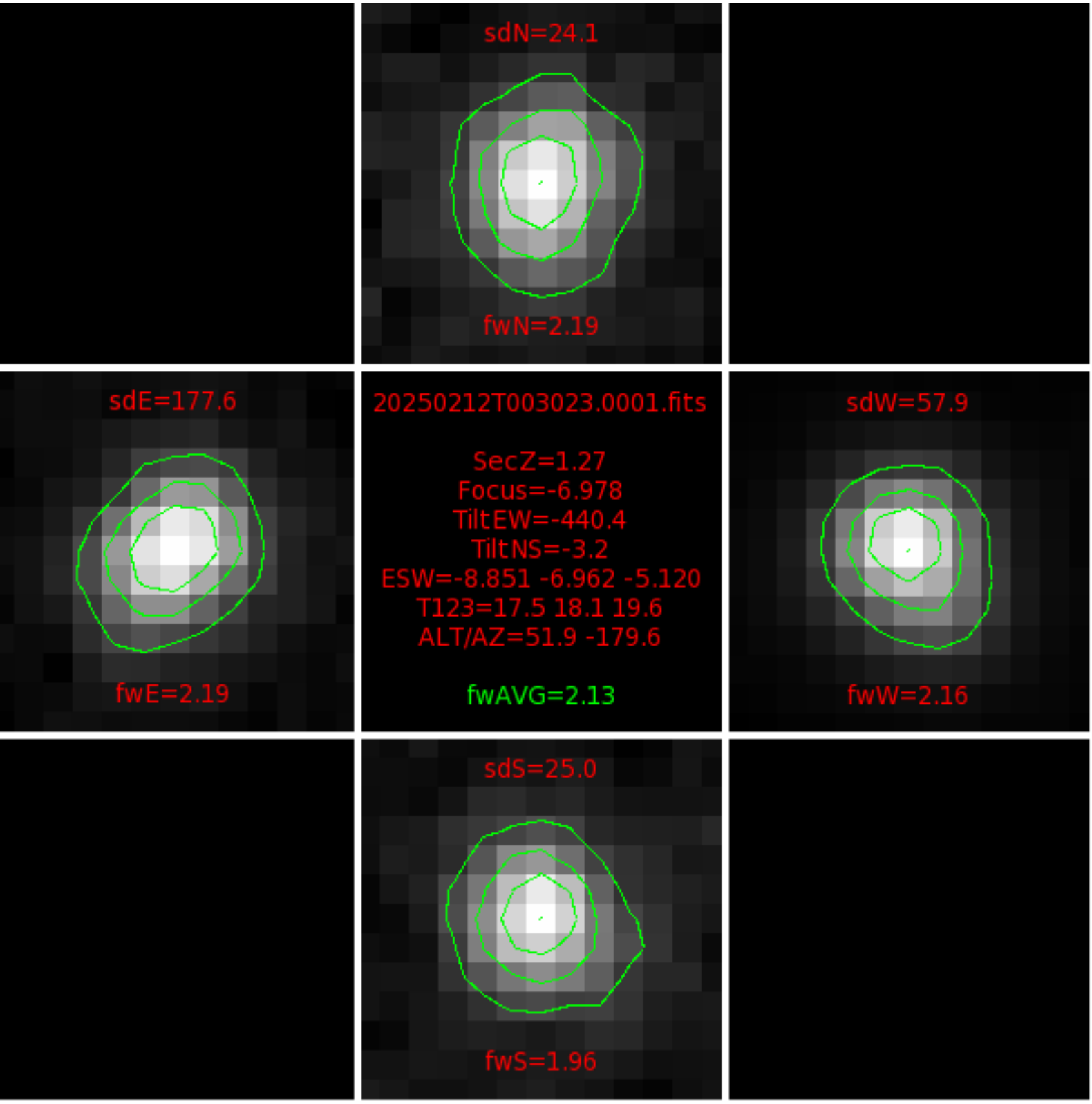

sdN=27.1
fwN=2.31
sdE=213.2
fwE=2.21
20250212T002900.0001.fits
SecZ=1.27
Focus=-6.985
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.858 -6.969 -5.127
T123=17.5 18.1 19.6
ALT/AZ=51.9 179.9
fwAVG=2.17
sdW=67.9
fwW=2.14
sdS=29.3
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=24.1
fwN=2.19
sdE=177.6
fwE=2.19
20250212T003023.0001.fits
SecZ=1.27
Focus=-6.978
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.851 -6.962 -5.120
T123=17.5 18.1 19.6
ALT/AZ=51.9 -179.6
fwAVG=2.13
sdW=57.9
fwW=2.16
sdS=25.0
fwS=1.96
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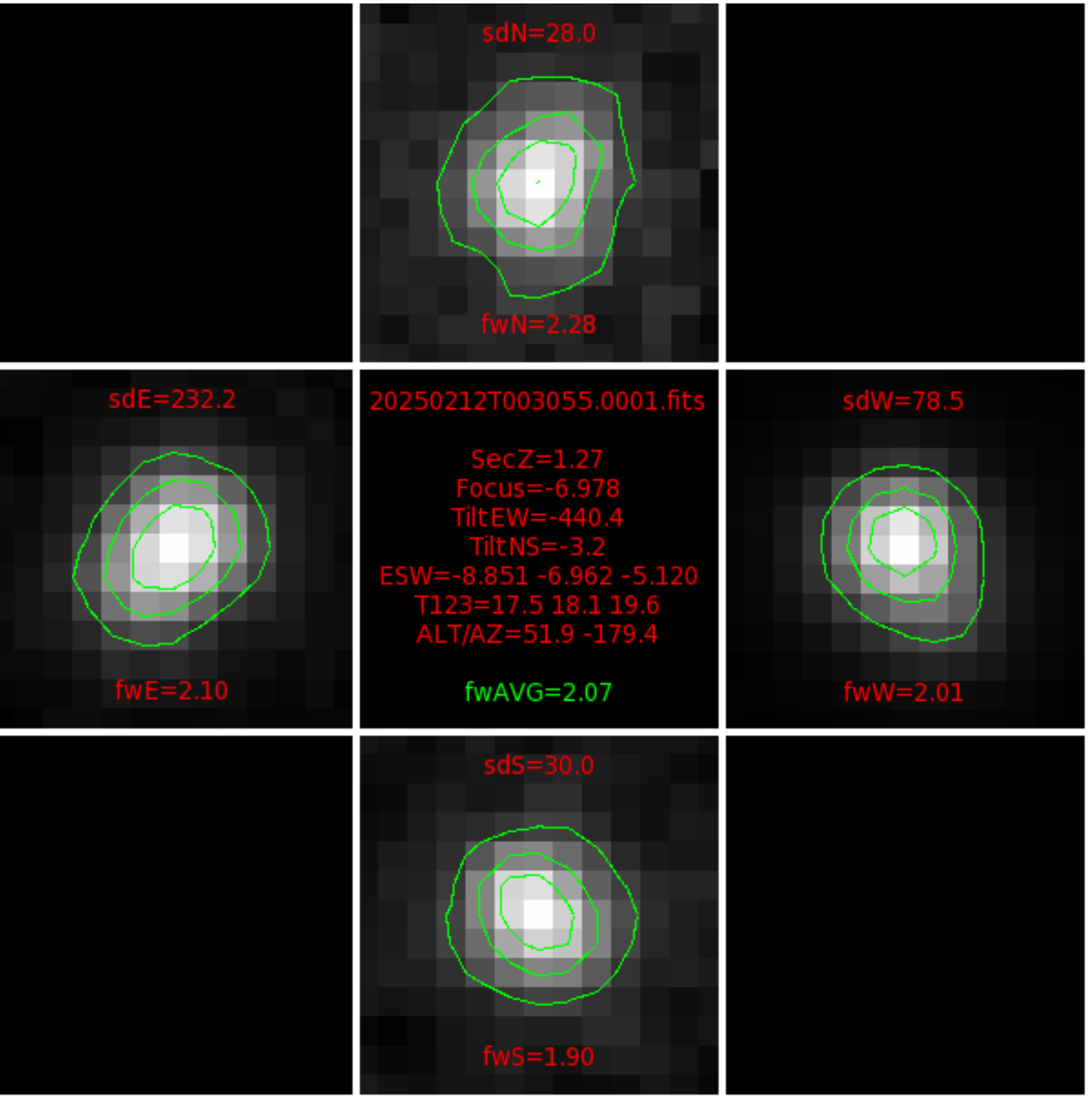
sdN=28.0
fwN=2.28
sdE=232.2
fwE=2.10
20250212T003055.0001.fits
SecZ=1.27
Focus=-6.978
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.851 -6.962 -5.120
T123=17.5 18.1 19.6
ALT/AZ=51.9 -179.4
fwAVG=2.07
sdW=78.5
fwW=2.01
sdS=30.0
fwS=1.90
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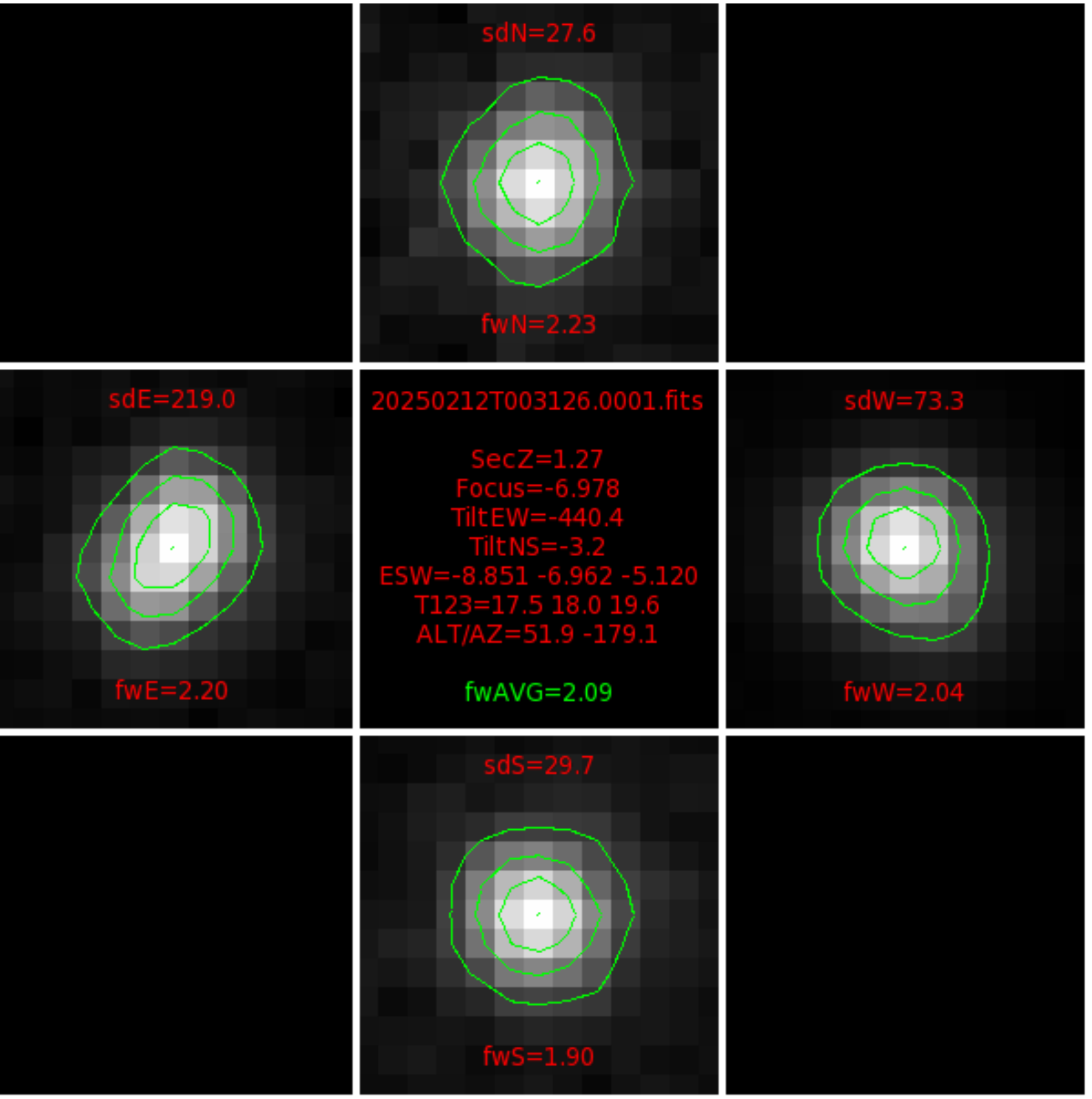
sdN=27.6
fwN=2.23
sdE=219.0
fwE=2.20
20250212T003126.0001.fits
SecZ=1.27
Focus=-6.978
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.851 -6.962 -5.120
T123=17.5 18.0 19.6
ALT/AZ=51.9 -179.1
fwAVG=2.09
sdW=73.3
fwW=2.04
sdS=29.7
fwS=1.90
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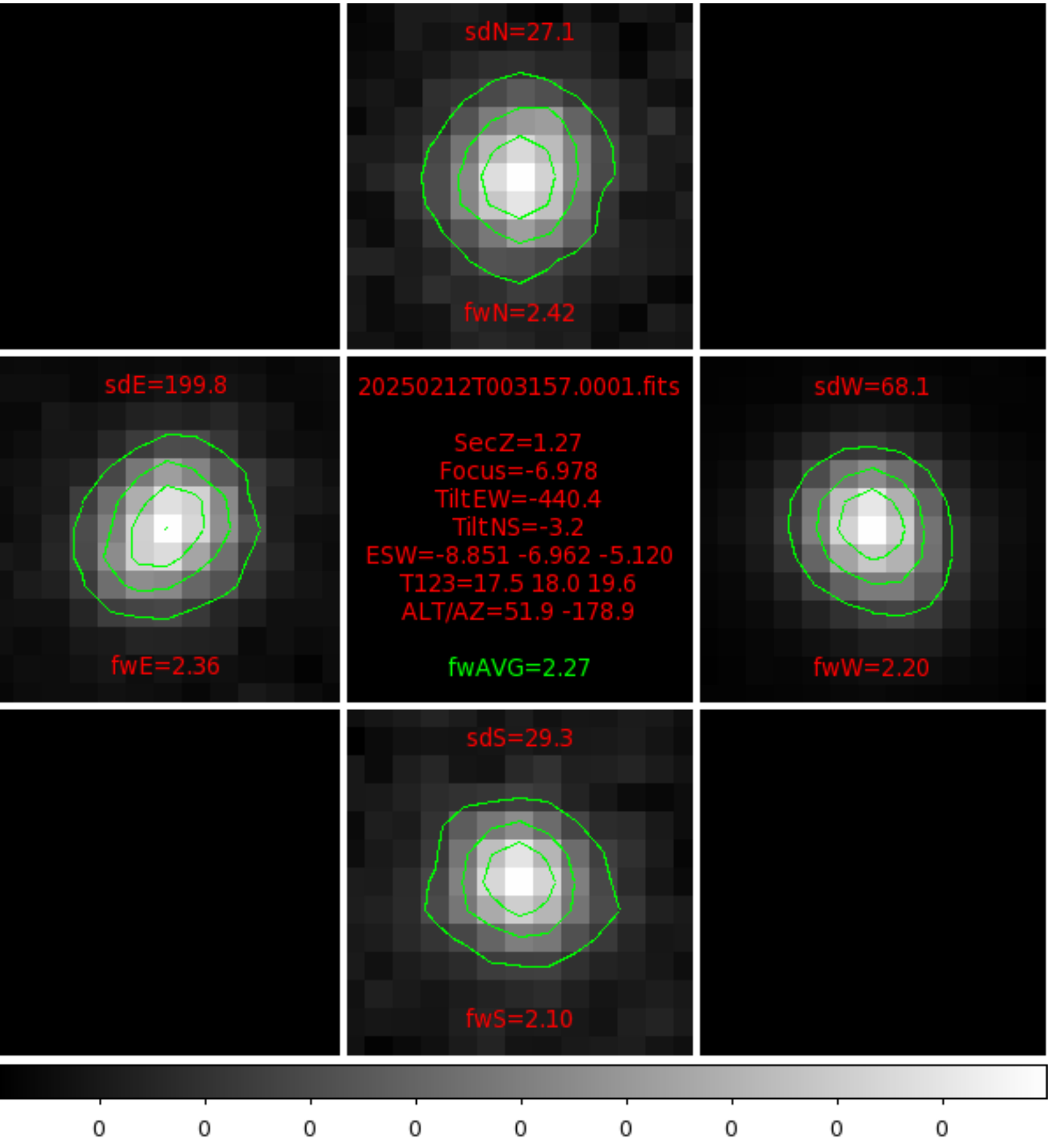
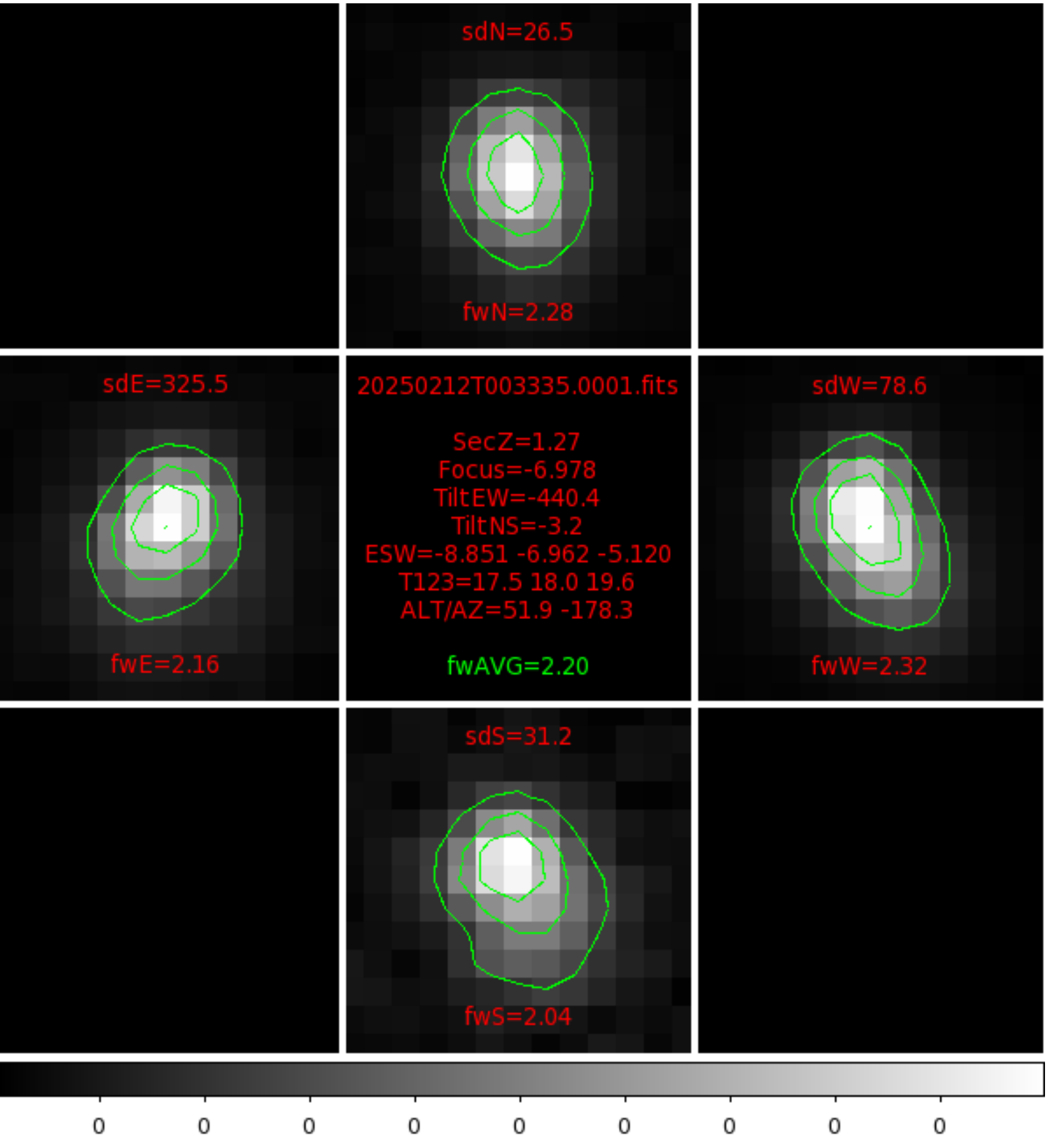
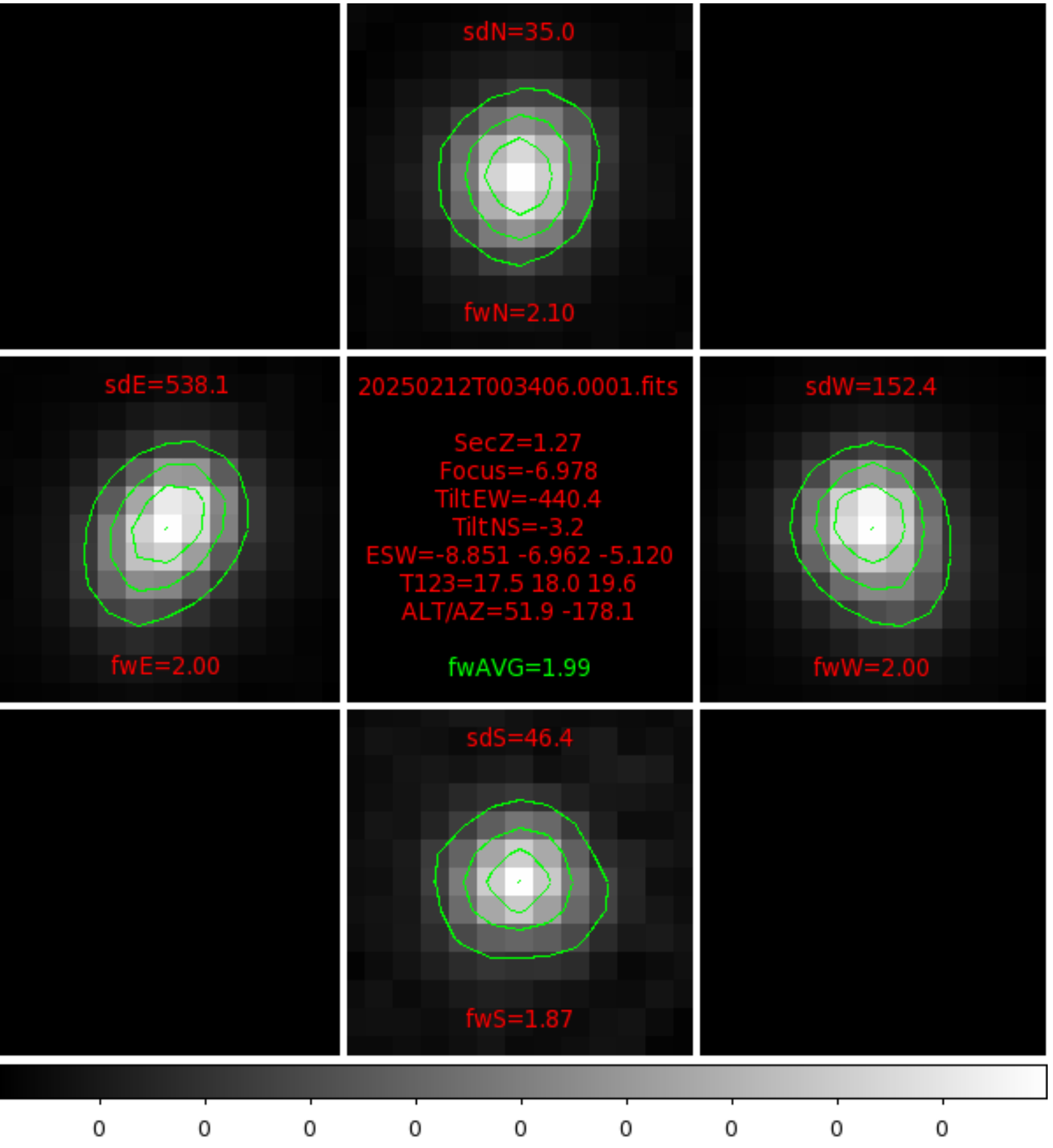
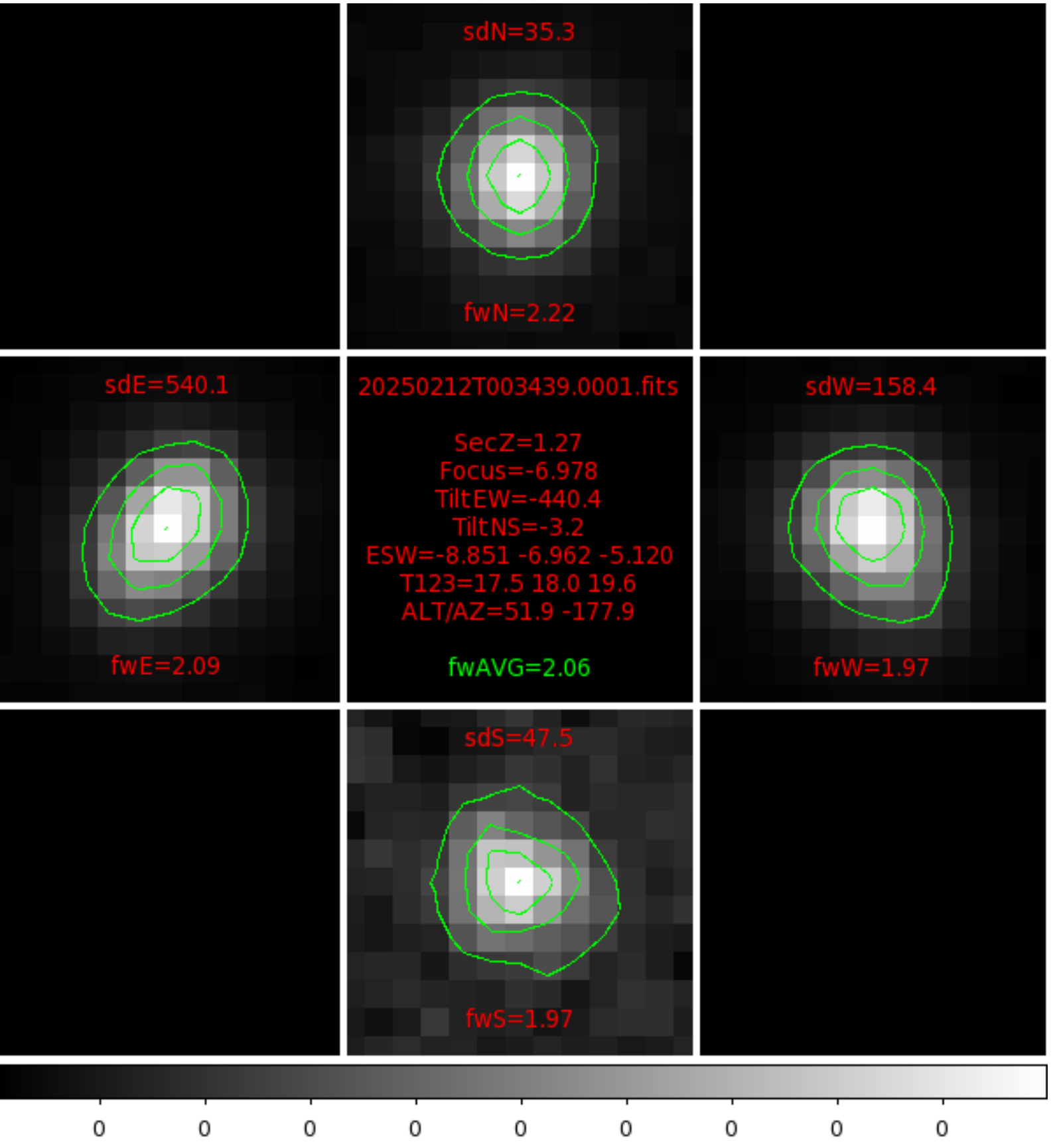
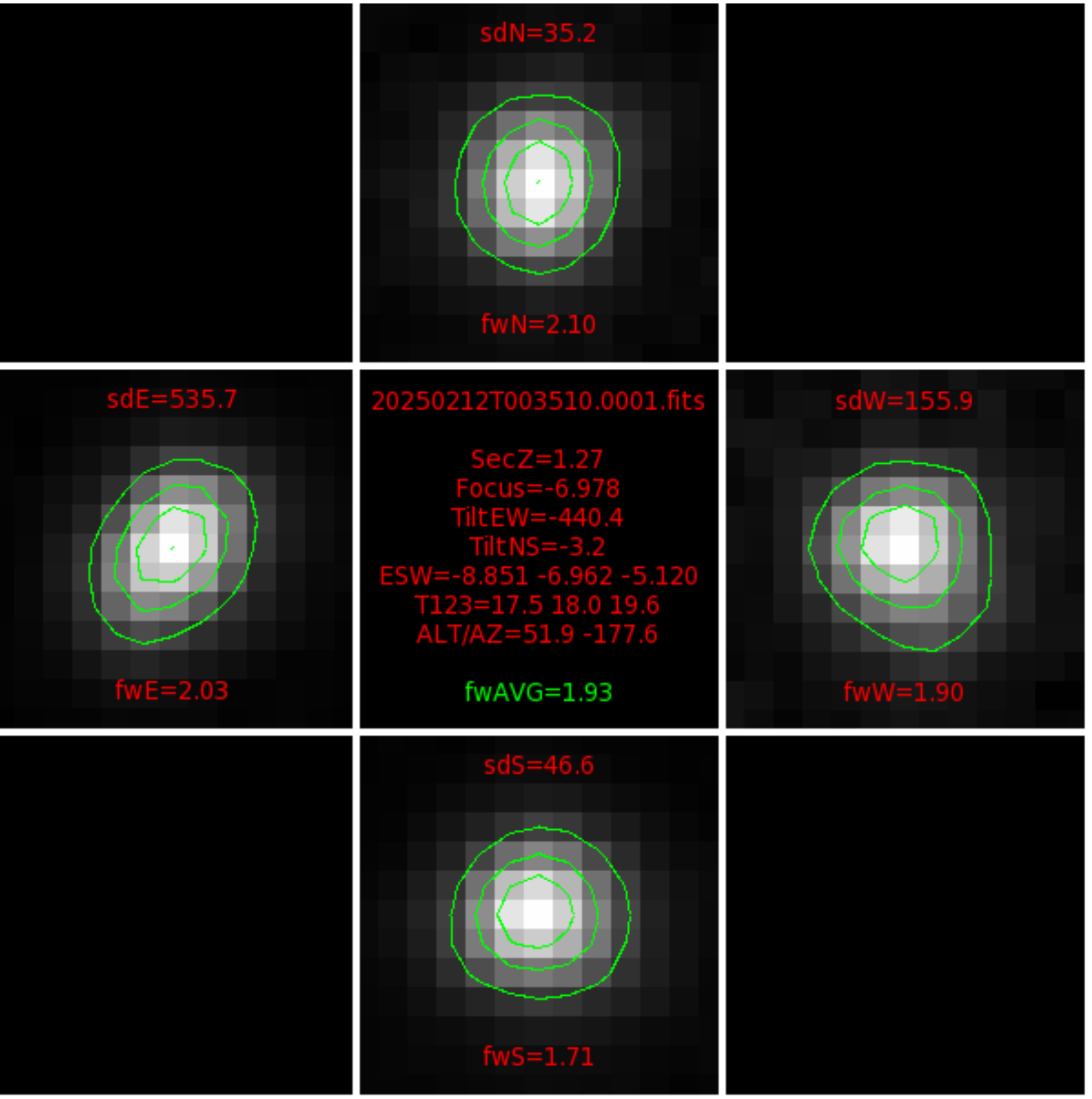

sdN=27.1
fwN=2.42
sdE=199.8
fwE=2.36
20250212T003157.0001.fits
SecZ=1.27
Focus=-6.978
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.851 -6.962 -5.120
T123=17.5 18.0 19.6
ALT/AZ=51.9 -178.9
fwAVG=2.27
sdW=68.1
fwW=2.20
sdS=29.3
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=26.5
fwN=2.28
sdE=325.5
fwE=2.16
20250212T003335.0001.fits
SecZ=1.27
Focus=-6.978
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.851 -6.962 -5.120
T123=17.5 18.0 19.6
ALT/AZ=51.9 -178.3
fwAVG=2.20
sdW=78.6
fwW=2.32
sdS=31.2
fwS=2.04
0 0 0 0 0 0 0 0 0


sdN=35.0
fwN=2.10
sdE=538.1
fwE=2.00
20250212T003406.0001.fits
SecZ=1.27
Focus=-6.978
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.851 -6.962 -5.120
T123=17.5 18.0 19.6
ALT/AZ=51.9 -178.1
fwAVG=1.99
sdW=152.4
fwW=2.00
sdS=46.4
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=35.3
fwN=2.22
sdE=540.1
fwE=2.09
20250212T003439.0001.fits
SecZ=1.27
Focus=-6.978
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.851 -6.962 -5.120
T123=17.5 18.0 19.6
ALT/AZ=51.9 -177.9
fwAVG=2.06
sdW=158.4
fwW=1.97
sdS=47.5
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=35.2
fwN=2.10
sdE=535.7
fwE=2.03
20250212T003510.0001.fits
SecZ=1.27
Focus=-6.978
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.851 -6.962 -5.120
T123=17.5 18.0 19.6
ALT/AZ=51.9 -177.6
fwAVG=1.93
sdW=155.9
fwW=1.90
sdS=46.6
fwS=1.71
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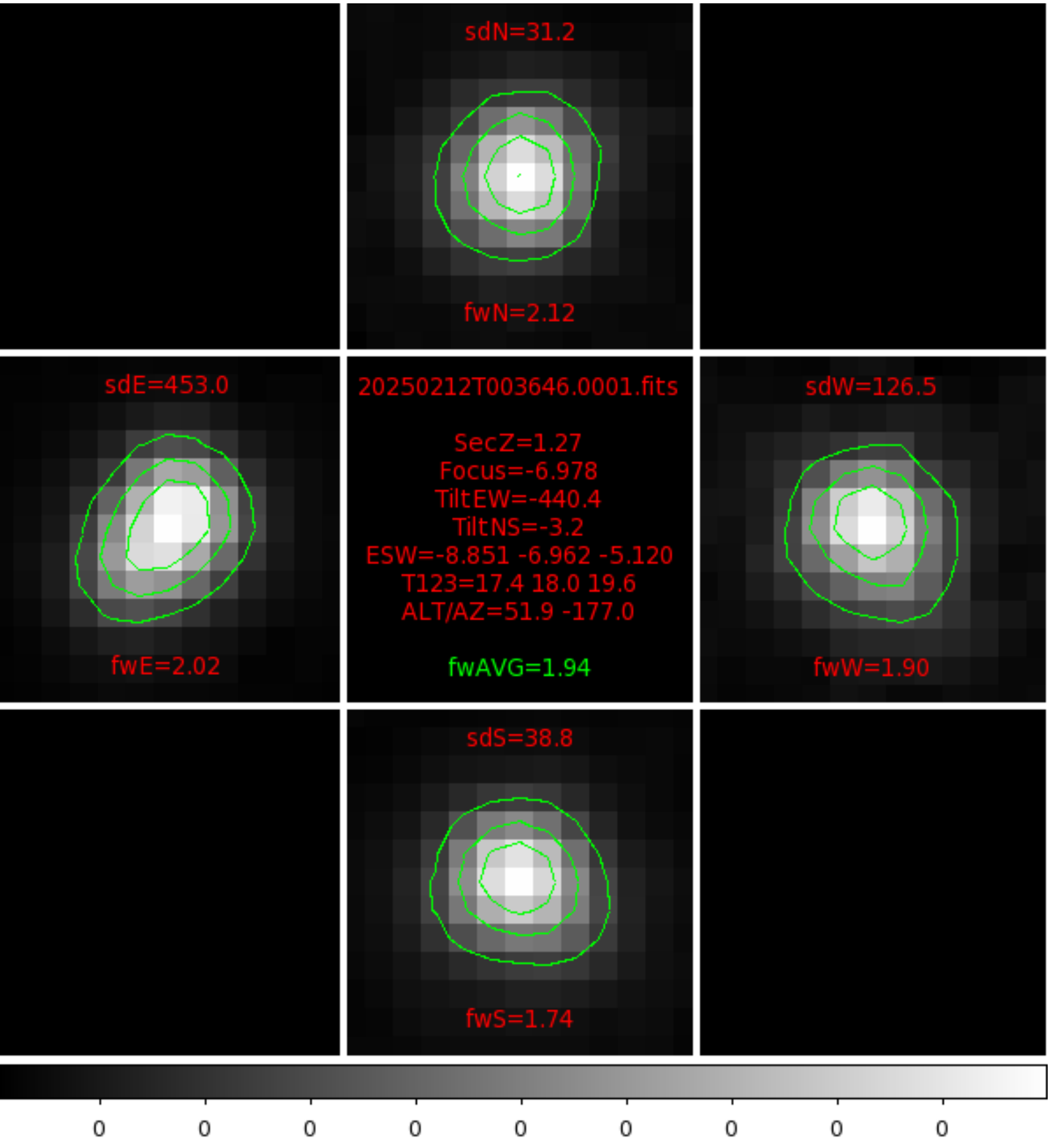
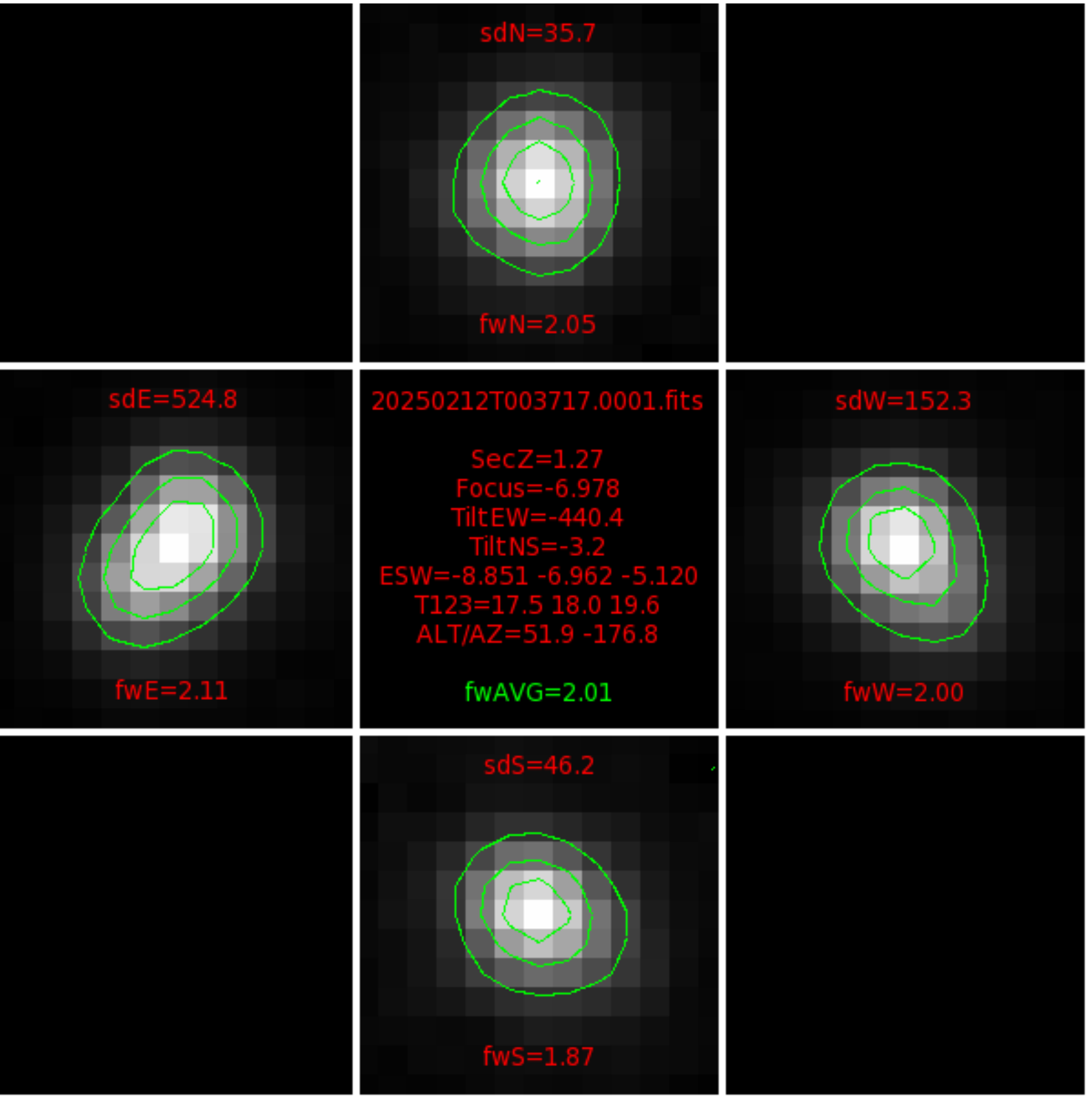
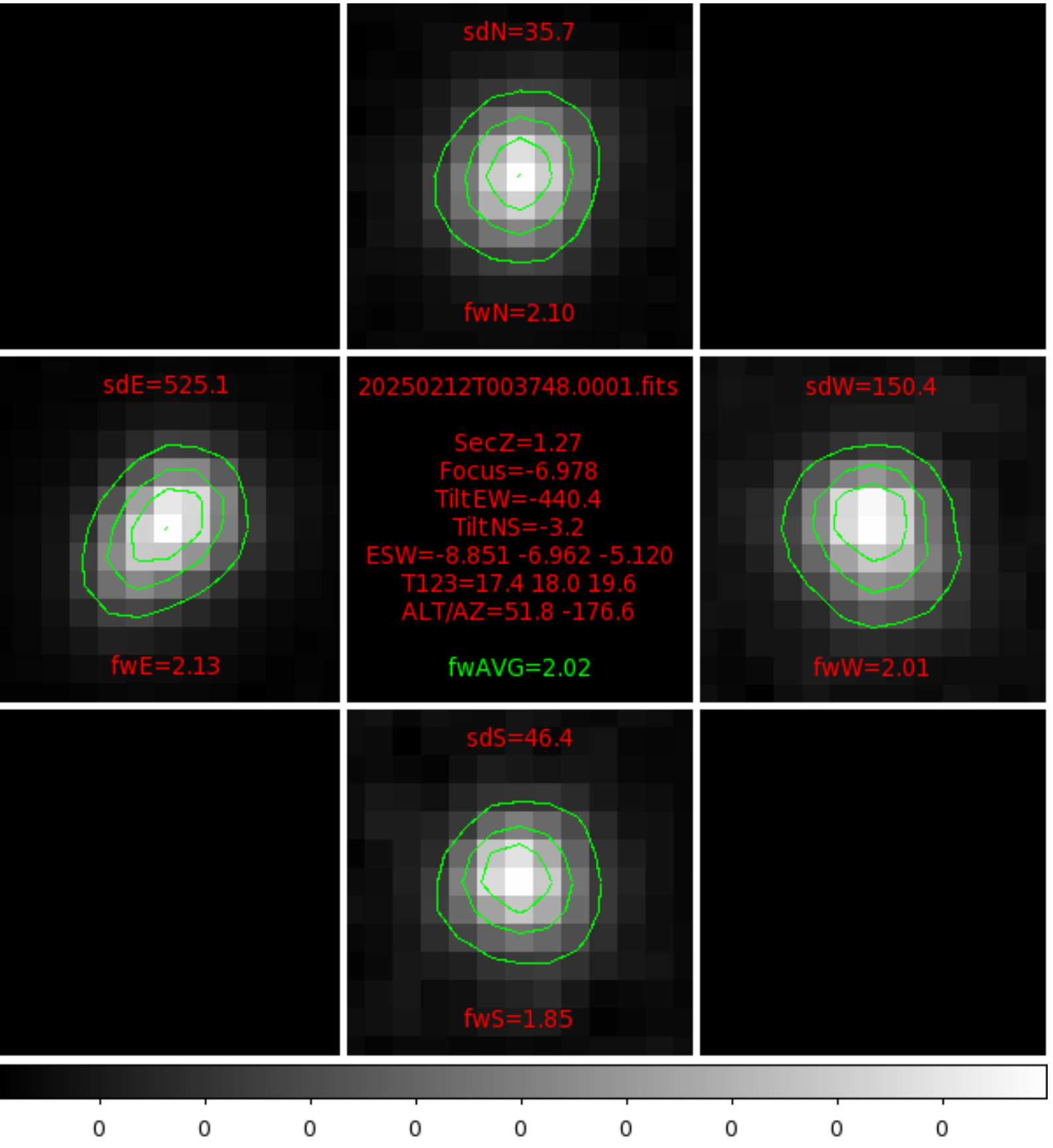
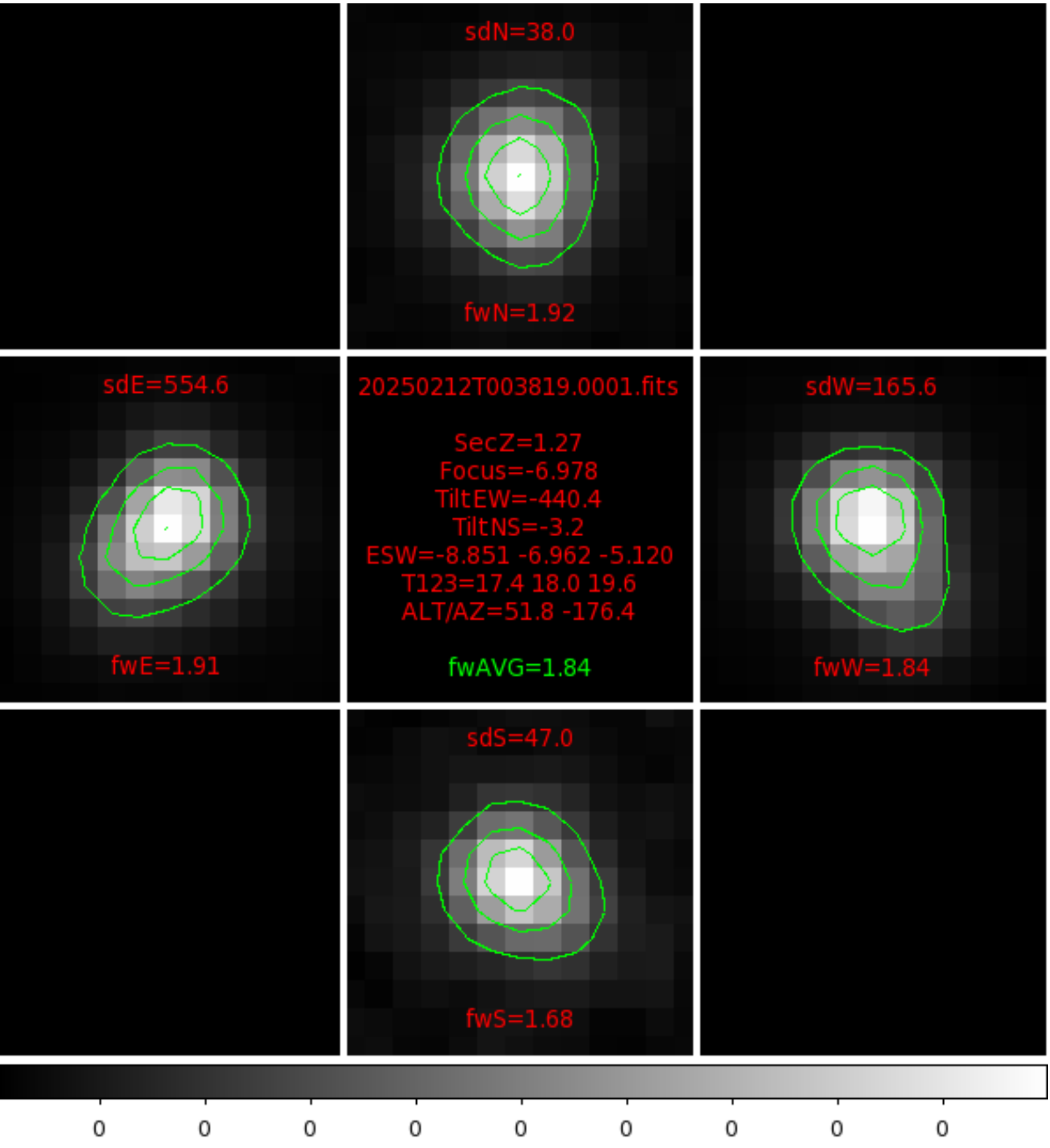
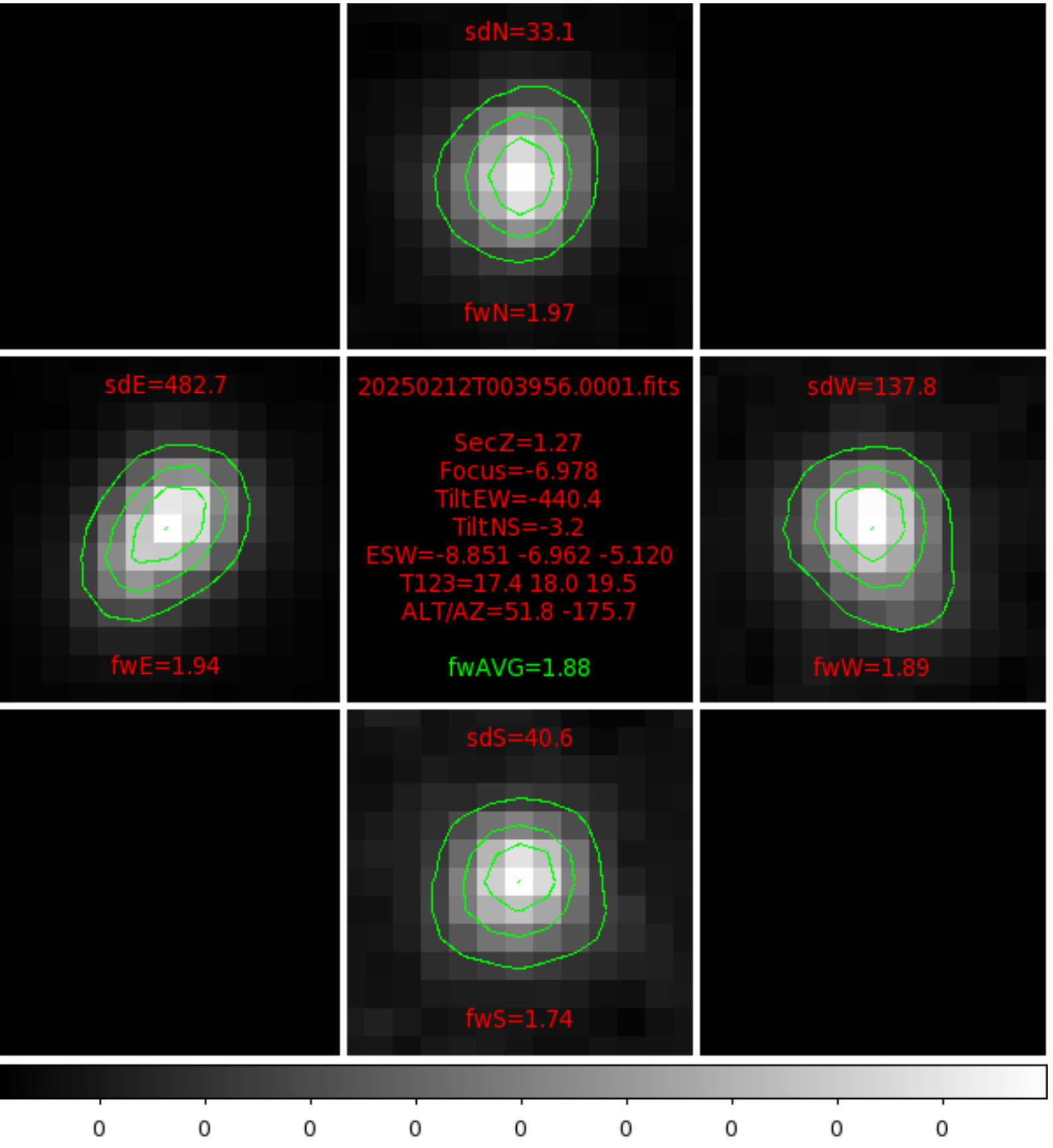

sdN=31.2
fwN=2.12
sdE=453.0
fwE=2.02
20250212T003646.0001.fits
SecZ=1.27
Focus=-6.978
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.851 -6.962 -5.120
T123=17.4 18.0 19.6
ALT/AZ=51.9 -177.0
fwAVG=1.94
sdW=126.5
fwW=1.90
sdS=38.8
fwS=1.74
0 0 0 0 0 0 0 0 0


sdN=35.7
fwN=2.05
sdE=524.8
fwE=2.11
20250212T003717.0001.fits
SecZ=1.27
Focus=-6.978
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.851 -6.962 -5.120
T123=17.5 18.0 19.6
ALT/AZ=51.9 -176.8
fwAVG=2.01
sdW=152.3
fwW=2.00
sdS=46.2
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=35.7
fwN=2.10
sdE=525.1
fwE=2.13
20250212T003748.0001.fits
SecZ=1.27
Focus=-6.978
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.851 -6.962 -5.120
T123=17.4 18.0 19.6
ALT/AZ=51.8 -176.6
fwAVG=2.02
sdW=150.4
fwW=2.01
sdS=46.4
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=38.0
fwN=1.92
sdE=554.6
fwE=1.91
20250212T003819.0001.fits
SecZ=1.27
Focus=-6.978
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.851 -6.962 -5.120
T123=17.4 18.0 19.6
ALT/AZ=51.8 -176.4
fwAVG=1.84
sdW=165.6
fwW=1.84
sdS=47.0
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=33.1
fwN=1.97
sdE=482.7
fwE=1.94
20250212T003956.0001.fits
SecZ=1.27
Focus=-6.978
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.851 -6.962 -5.120
T123=17.4 18.0 19.5
ALT/AZ=51.8 -175.7
fwAVG=1.88
sdW=137.8
fwW=1.89
sdS=40.6
fwS=1.74
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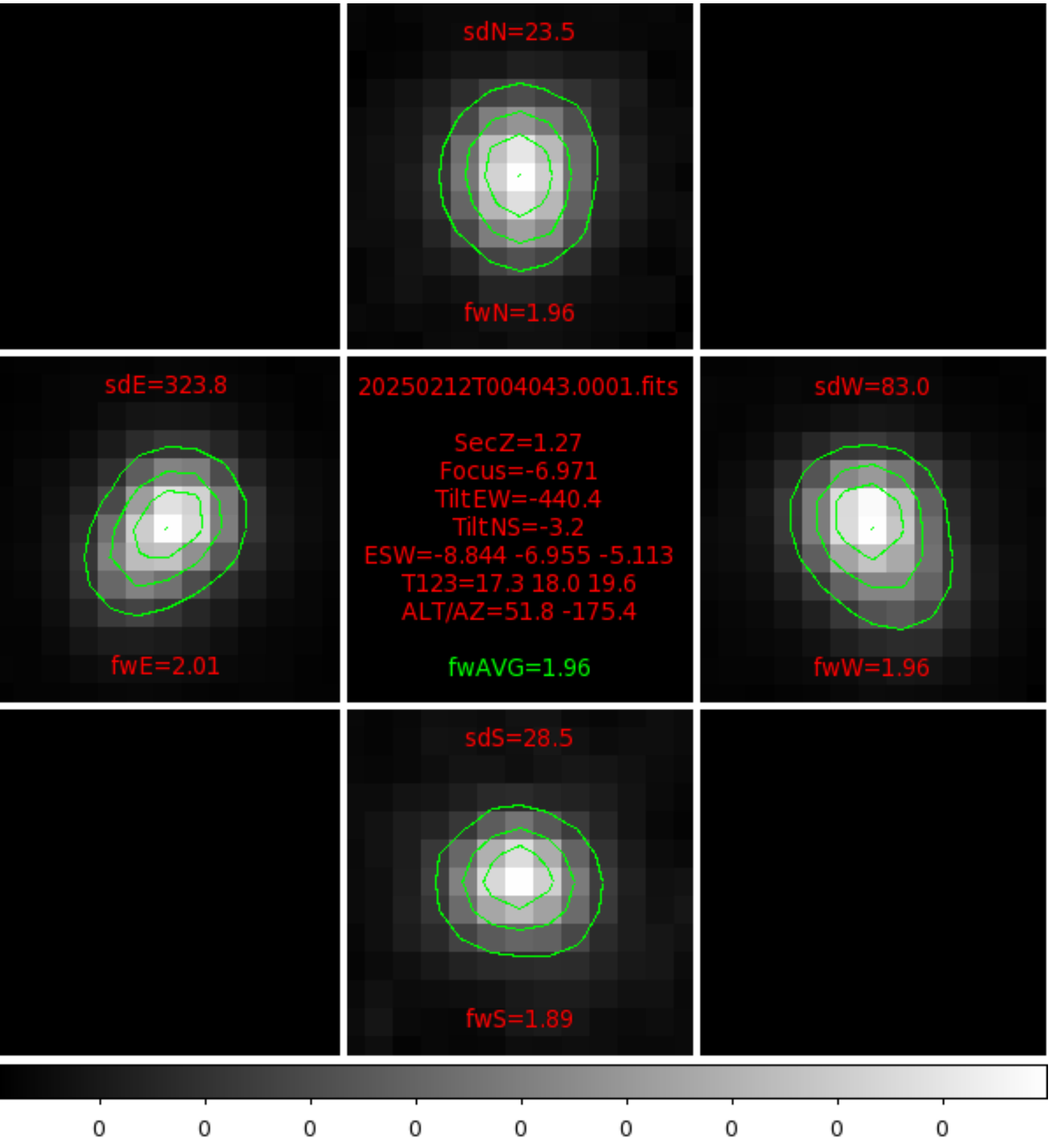
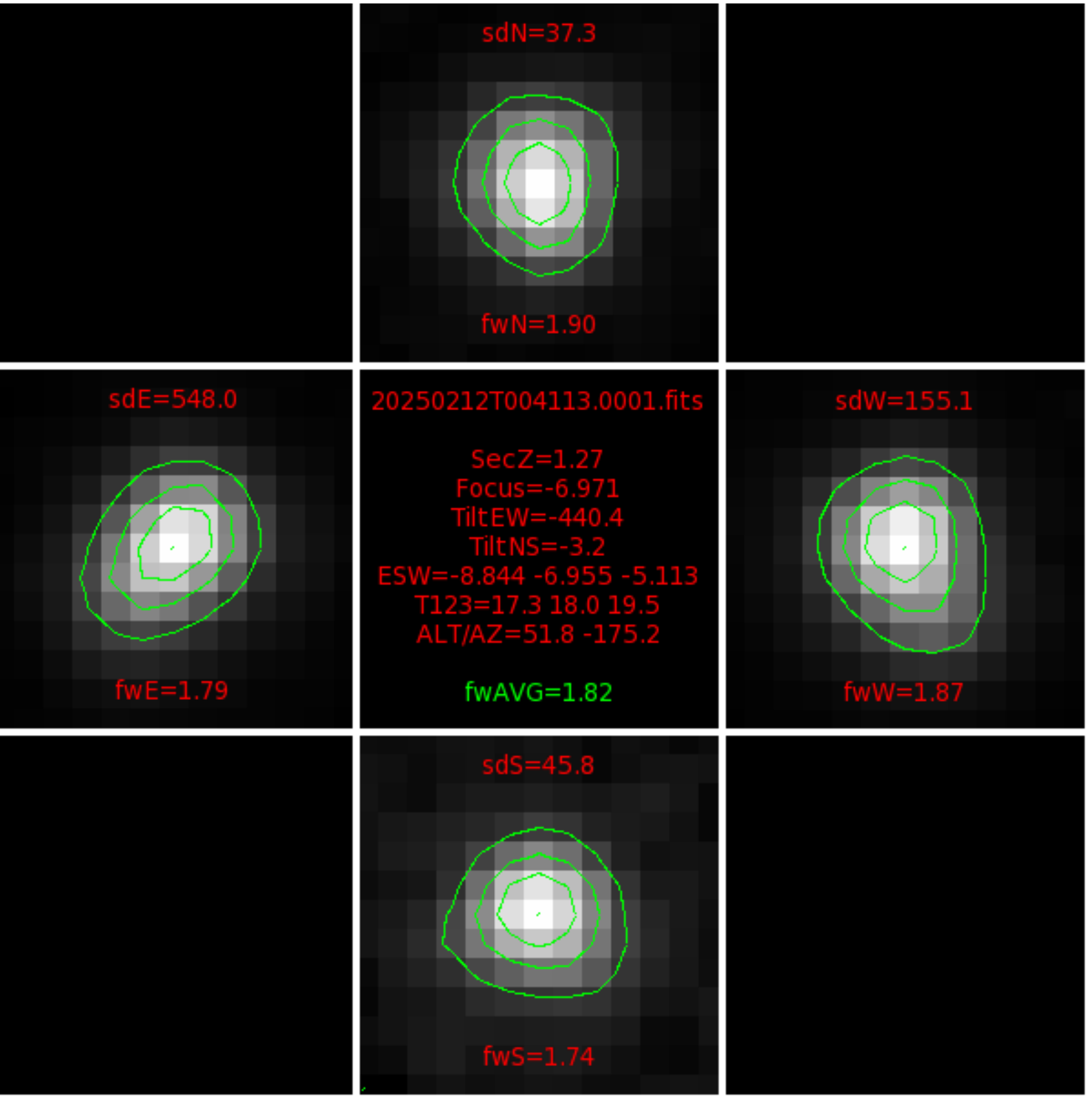
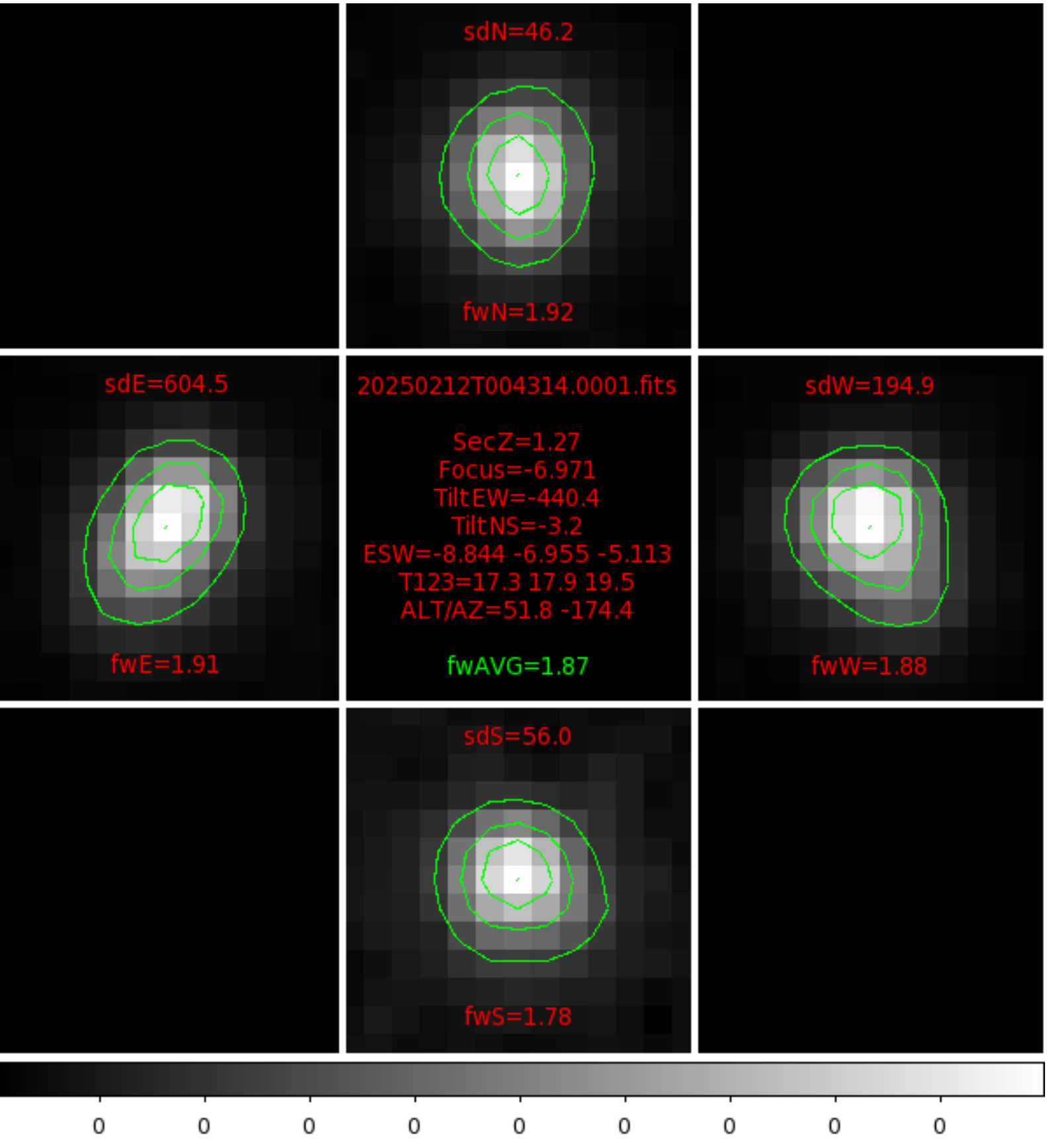
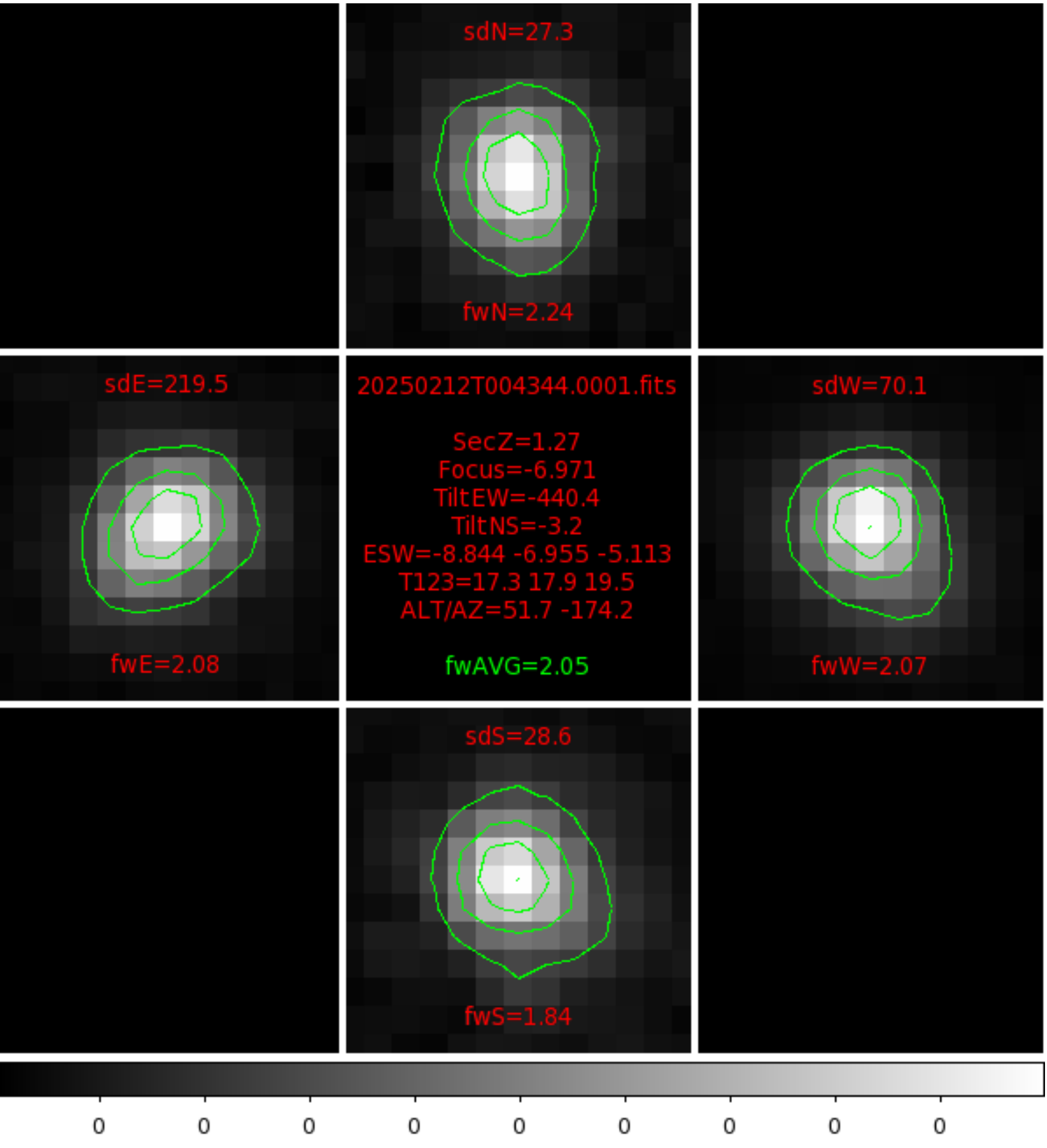
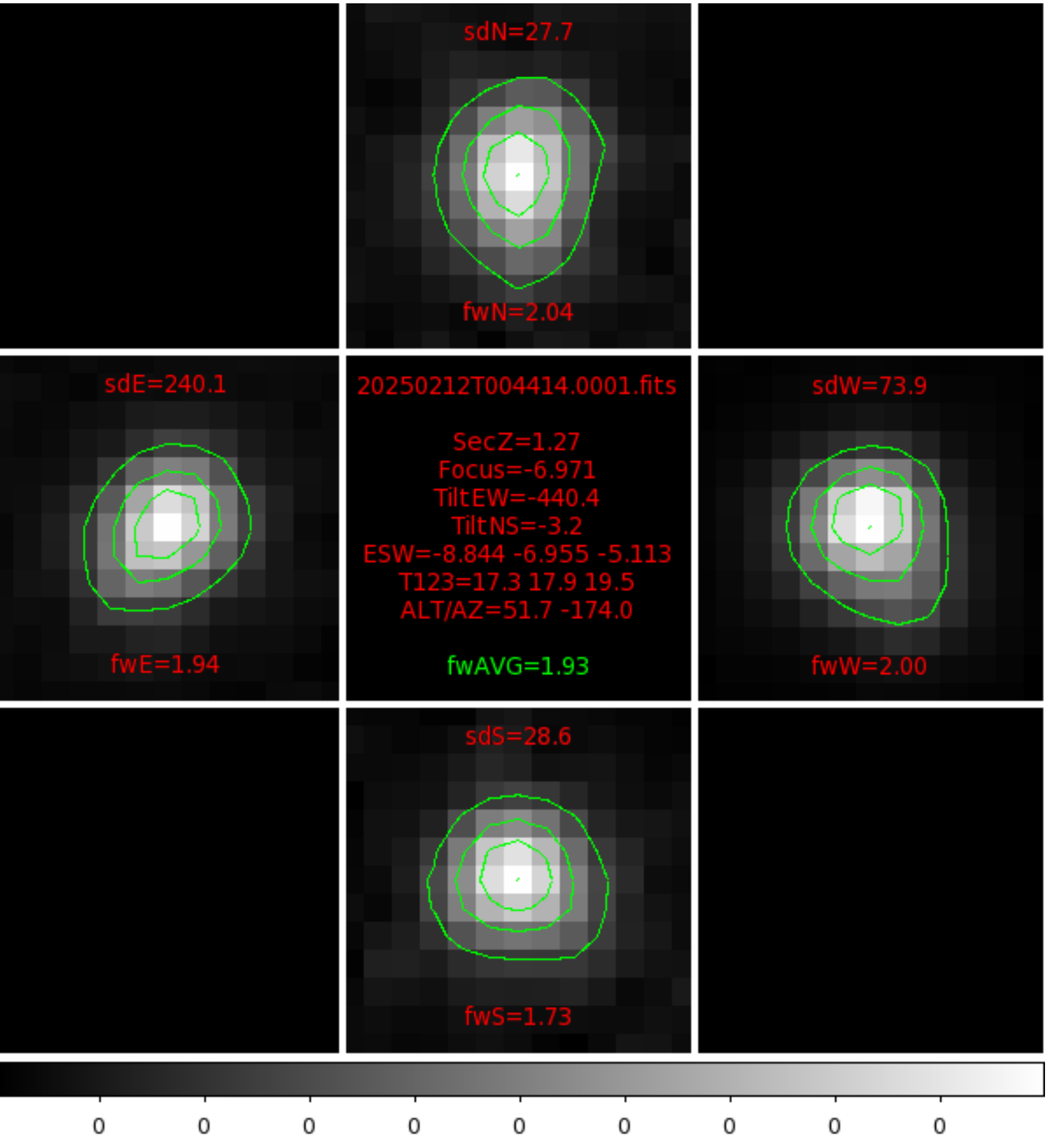
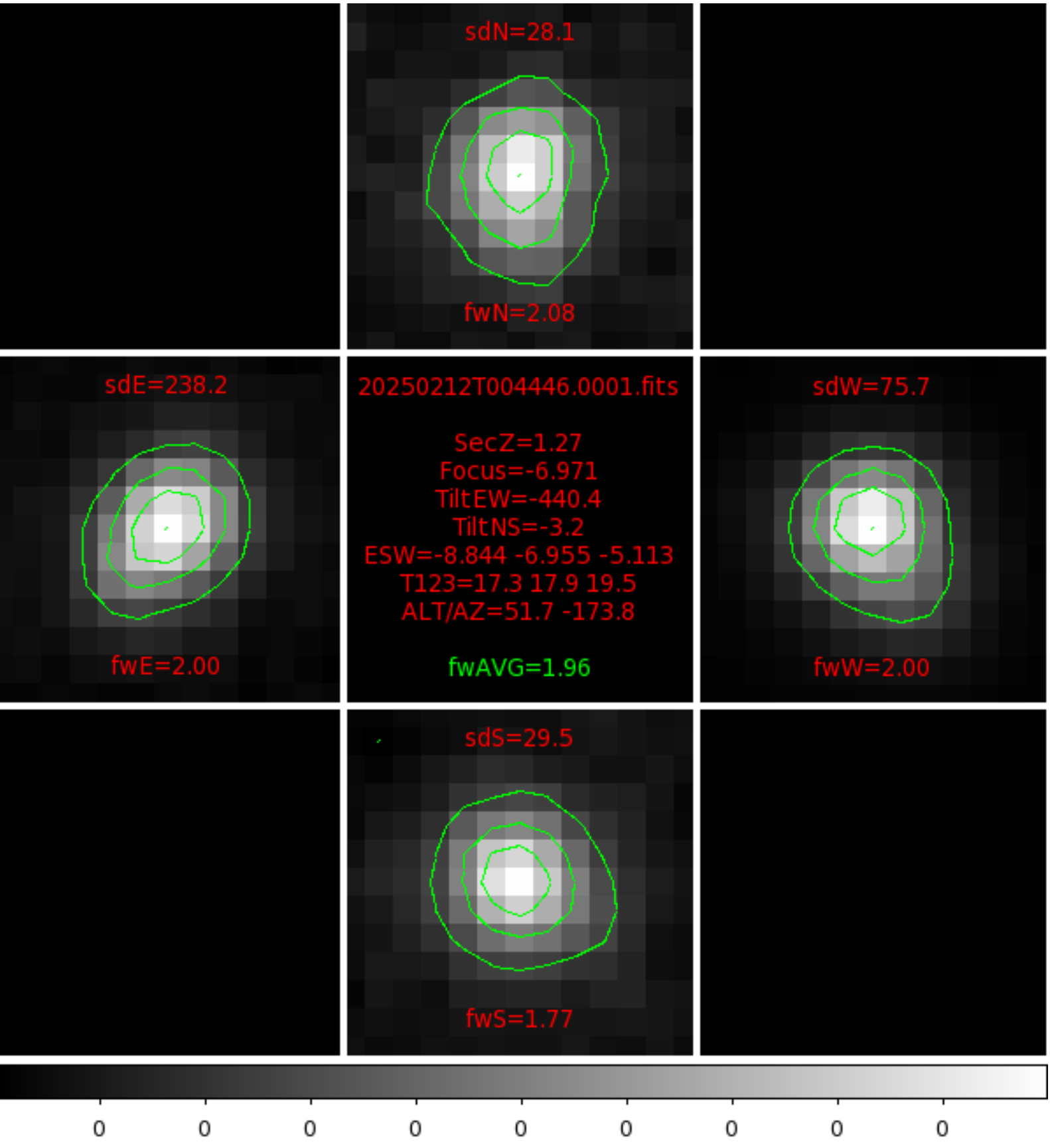

sdN=23.5
fwN=1.96
sdE=323.8
fwE=2.01
20250212T004043.0001.fits
SecZ=1.27
Focus=-6.971
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.844 -6.955 -5.113
T123=17.3 18.0 19.6
ALT/AZ=51.8 -175.4
fwAVG=1.96
sdW=83.0
fwW=1.96
sdS=28.5
fwS=1.89
0 0 0 0 0 0 0 0 0

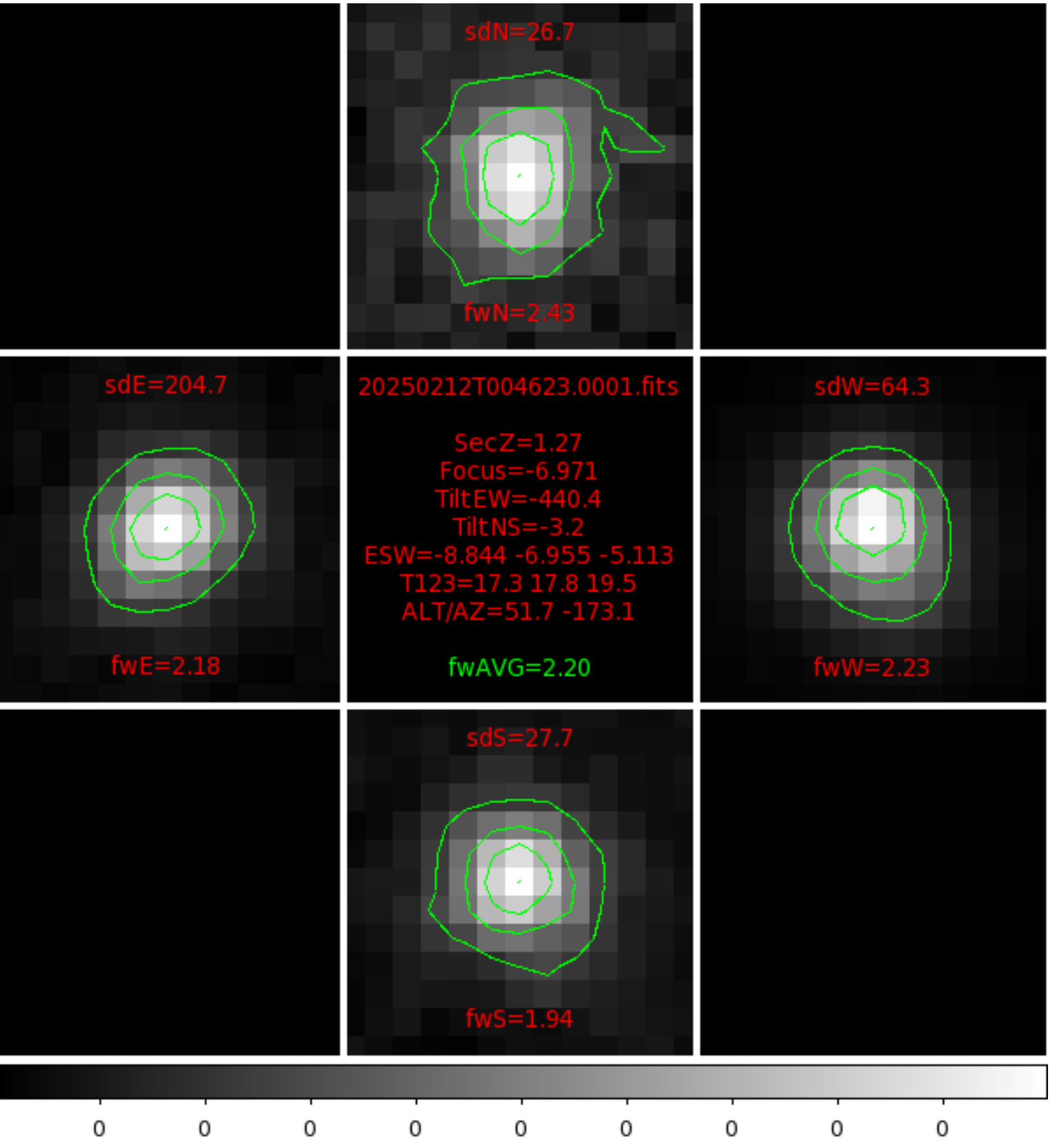

sdN=37.3
fwN=1.90
sdE=548.0
fwE=1.79
20250212T004113.0001.fits
SecZ=1.27
Focus=-6.971
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.844 -6.955 -5.113
T123=17.3 18.0 19.5
ALT/AZ=51.8 -175.2
fwAVG=1.82
sdW=155.1
fwW=1.87
sdS=45.8
fwS=1.74
0 0 0 0 0 0 0 0 0


sdN=46.2
fwN=1.92
sdE=604.5
fwE=1.91
20250212T004314.0001.fits
SecZ=1.27
Focus=-6.971
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.844 -6.955 -5.113
T123=17.3 17.9 19.5
ALT/AZ=51.8 -174.4
fwAVG=1.87
sdW=194.9
fwW=1.88
sdS=56.0
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=27.3
fwN=2.24
sdE=219.5
fwE=2.08
20250212T004344.0001.fits
SecZ=1.27
Focus=-6.971
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.844 -6.955 -5.113
T123=17.3 17.9 19.5
ALT/AZ=51.7 -174.2
fwAVG=2.05
sdW=70.1
fwW=2.07
sdS=28.6
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=27.7
fwN=2.04
sdE=240.1
fwE=1.94
20250212T004414.0001.fits
SecZ=1.27
Focus=-6.971
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.844 -6.955 -5.113
T123=17.3 17.9 19.5
ALT/AZ=51.7 -174.0
fwAVG=1.93
sdW=73.9
fwW=2.00
sdS=28.6
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=28.1
fwN=2.08
sdE=238.2
fwE=2.00
20250212T004446.0001.fits
SecZ=1.27
Focus=-6.971
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.844 -6.955 -5.113
T123=17.3 17.9 19.5
ALT/AZ=51.7 -173.8
fwAVG=1.96
sdW=75.7
fwW=2.00
sdS=29.5
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=26.7
fwN=2.43
sdE=204.7
fwE=2.18
20250212T004623.0001.fits
SecZ=1.27
Focus=-6.971
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.844 -6.955 -5.113
T123=17.3 17.8 19.5
ALT/AZ=51.7 -173.1
fwAVG=2.20
sdW=64.3
fwW=2.23
sdS=27.7
fwS=1.94
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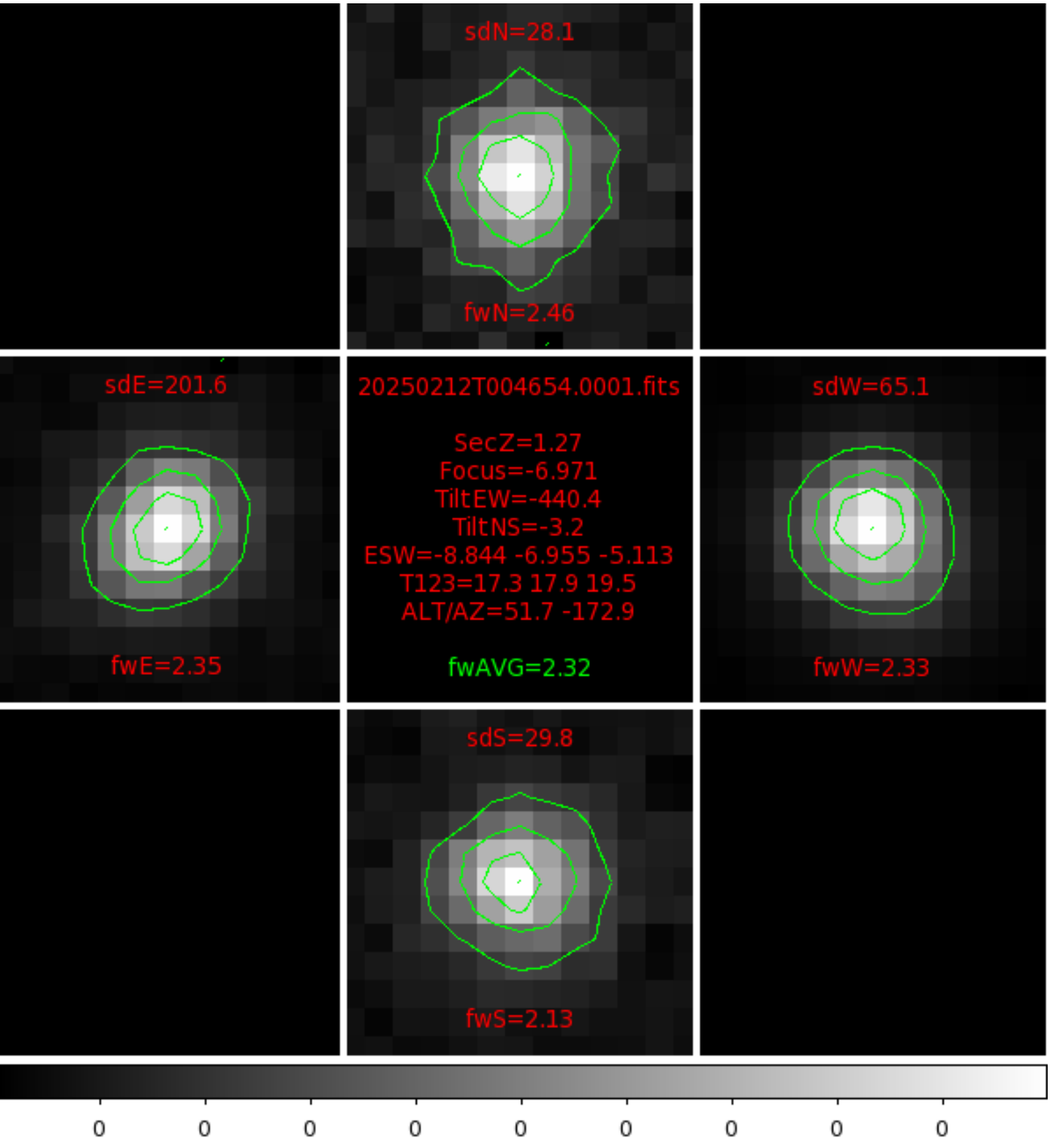
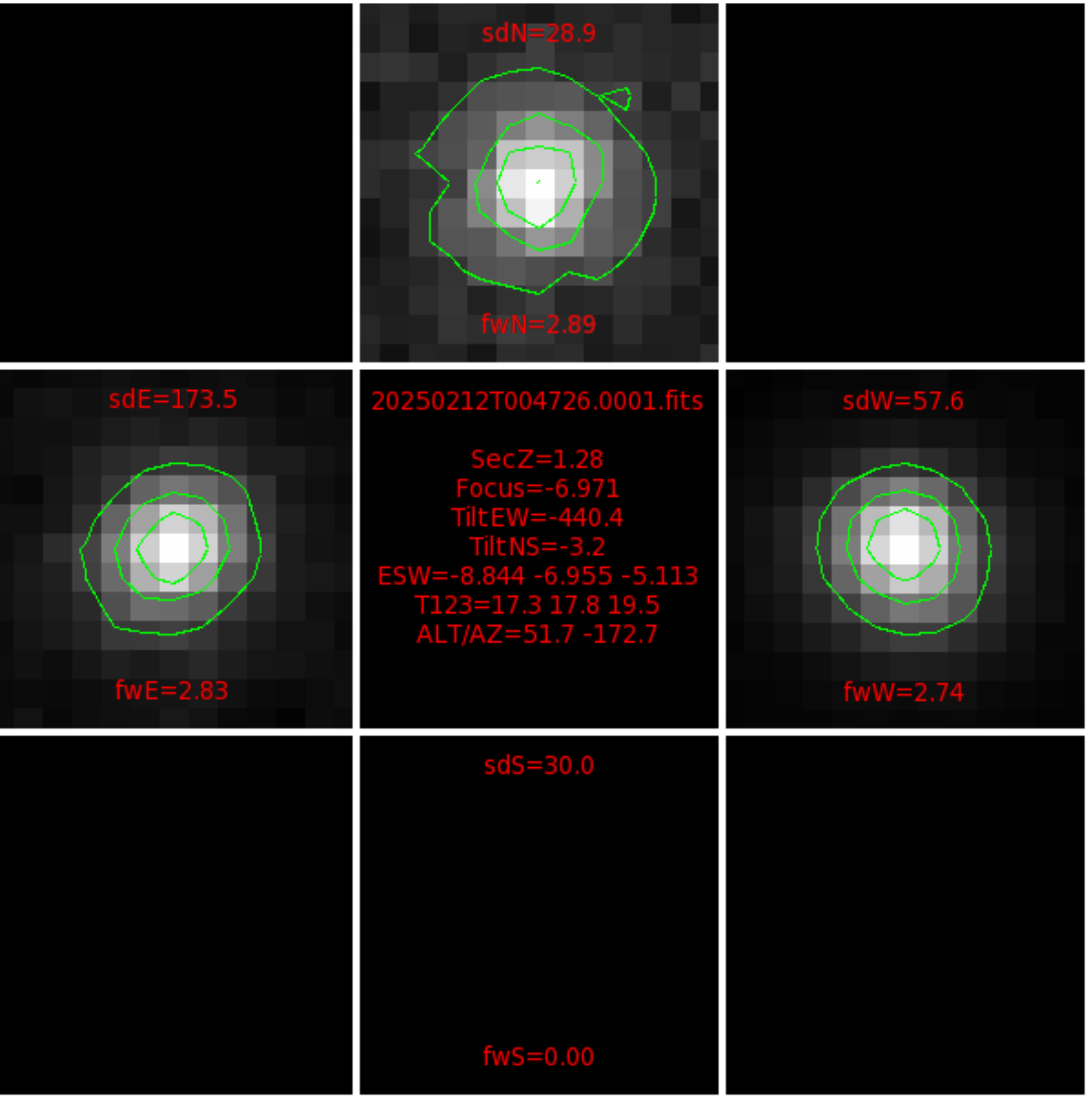
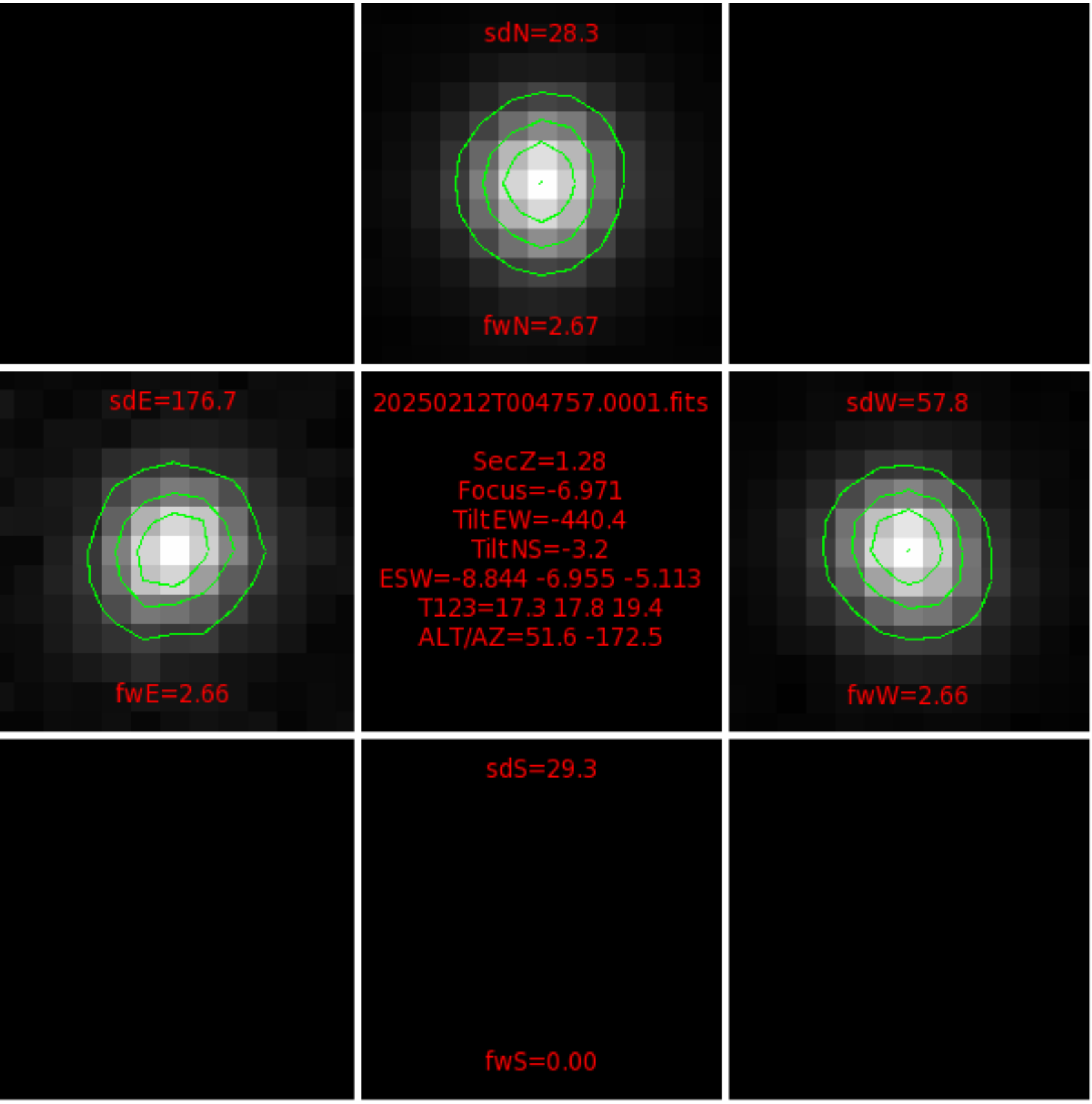
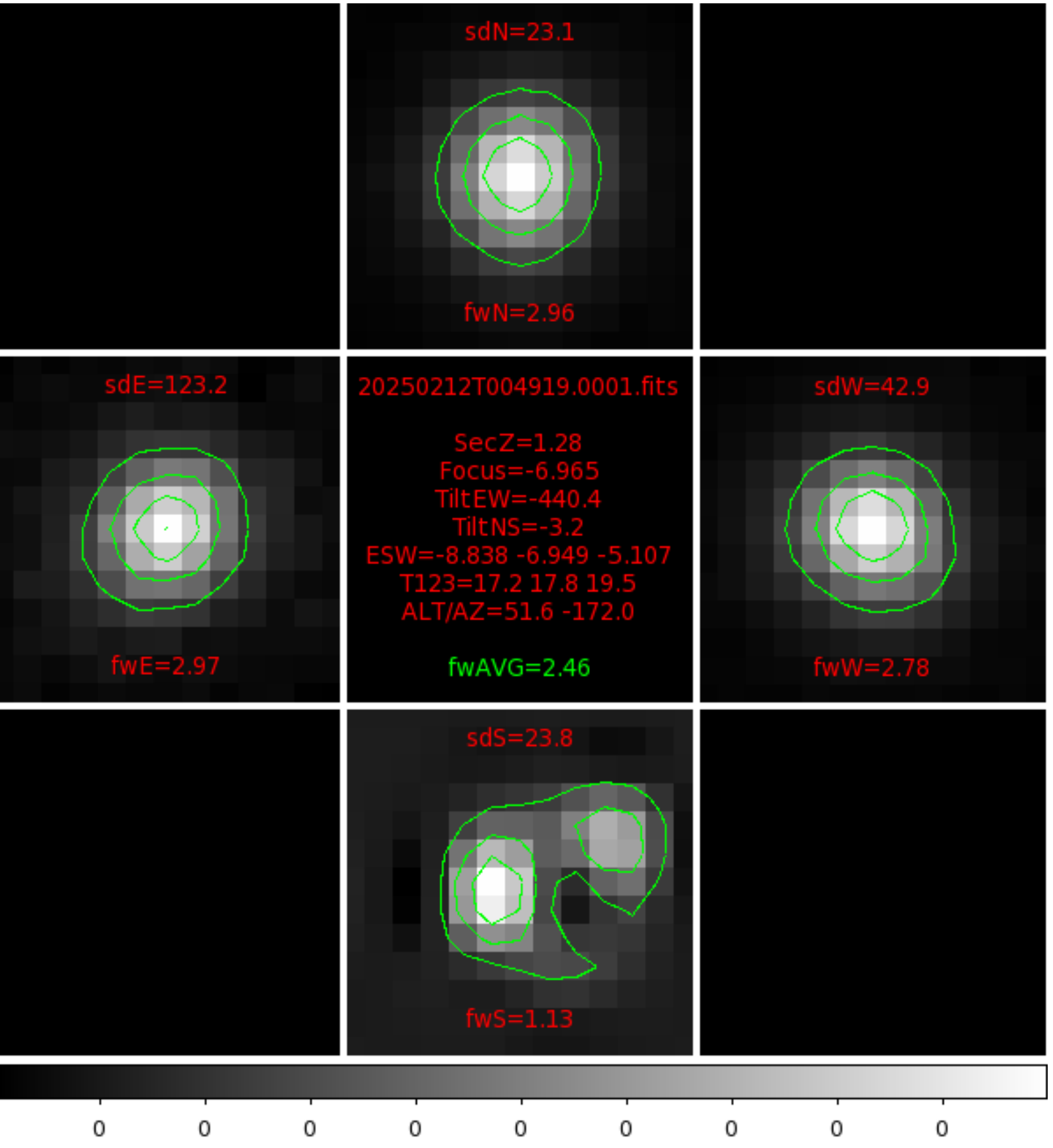

sdN=28.1
fwN=2.46
sdE=201.6
fwE=2.35
20250212T004654.0001.fits
SecZ=1.27
Focus=-6.971
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.844 -6.955 -5.113
T123=17.3 17.9 19.5
ALT/AZ=51.7 -172.9
fwAVG=2.32
sdW=65.1
fwW=2.33
sdS=29.8
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=28.9
fwN=2.89
sdE=173.5
fwE=2.83
20250212T004726.0001.fits
SecZ=1.28
Focus=-6.971
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.844 -6.955 -5.113
T123=17.3 17.8 19.5
ALT/AZ=51.7 -172.7
sdW=57.6
fwW=2.74
sdS=30.0
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=28.3
fwN=2.67
sdE=176.7
fwE=2.66
20250212T004757.0001.fits
SecZ=1.28
Focus=-6.971
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.844 -6.955 -5.113
T123=17.3 17.8 19.4
ALT/AZ=51.6 -172.5
sdW=57.8
fwW=2.66
sdS=29.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=23.1
fwN=2.96
sdE=123.2
fwE=2.97
20250212T004919.0001.fits
SecZ=1.28
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.2 17.8 19.5
ALT/AZ=51.6 -172.0
fwAVG=2.46
sdW=42.9
fwW=2.78
sdS=23.8
fwS=1.13
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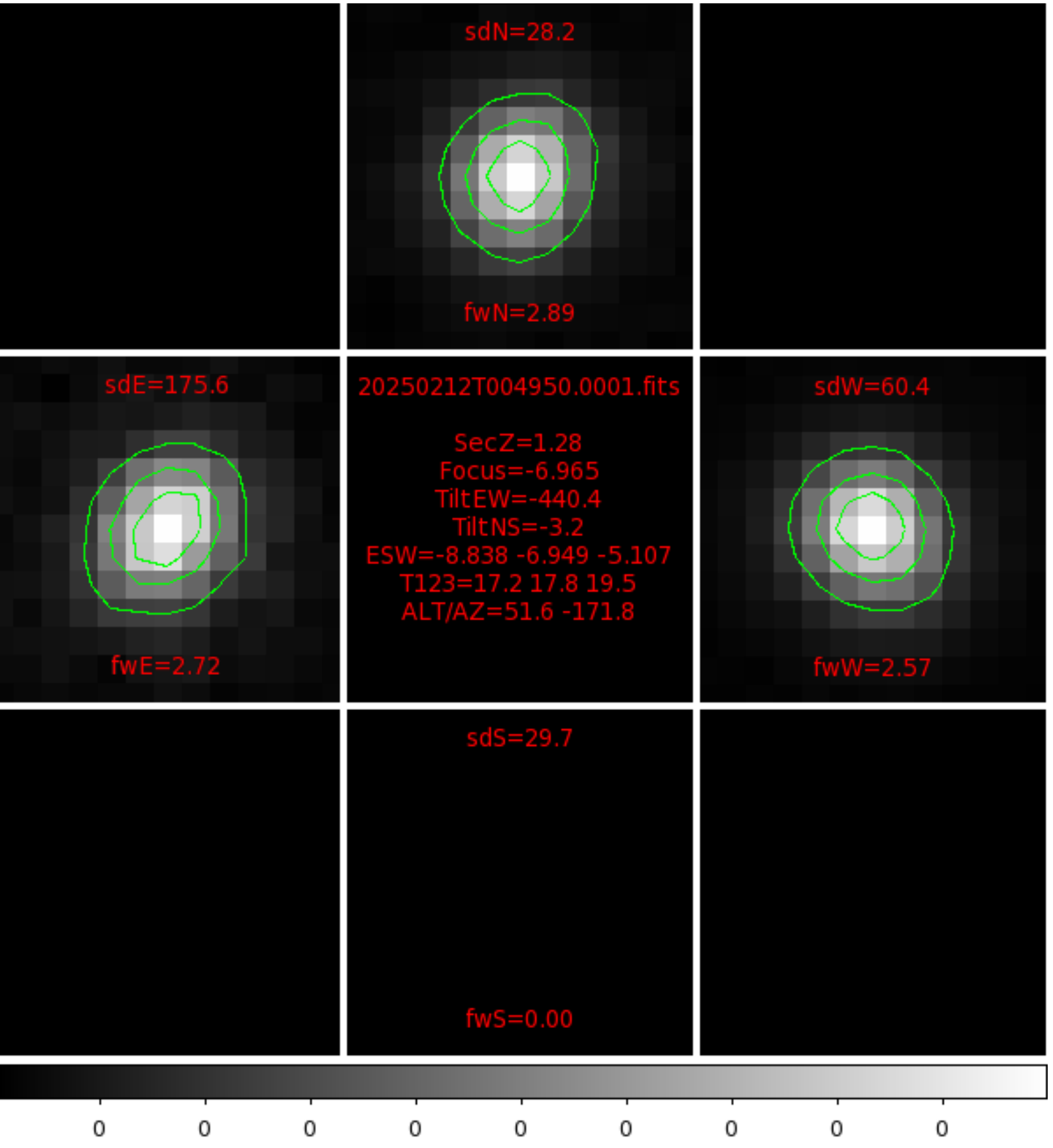
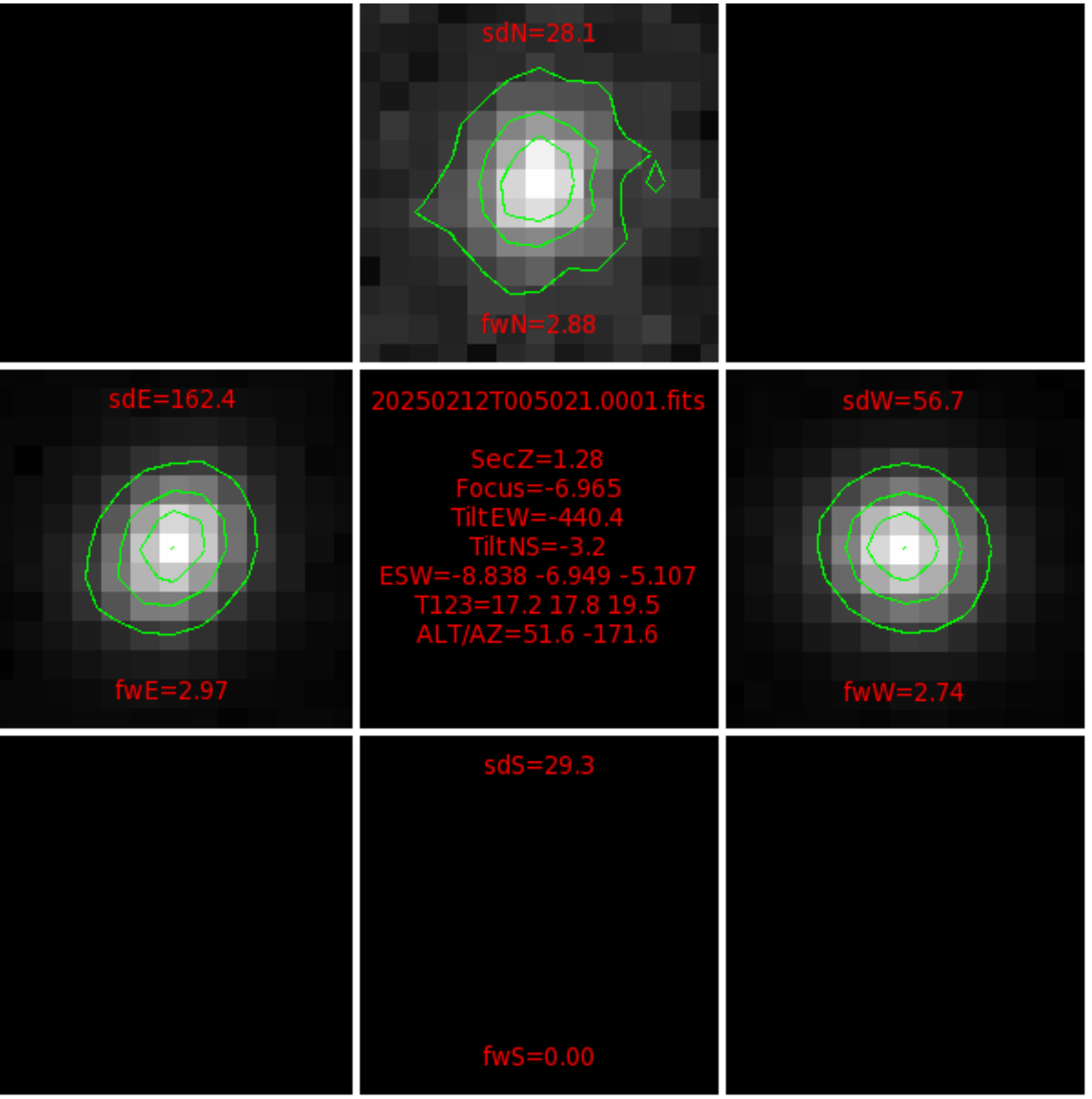

sdN=28.2
fwN=2.89
sdE=175.6
fwE=2.72
20250212T004950.0001.fits
SecZ=1.28
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.2 17.8 19.5
ALT/AZ=51.6 -171.8
sdW=60.4
fwW=2.57
sdS=29.7
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=28.1
fwN=2.88
sdE=162.4
fwE=2.97
20250212T005021.0001.fits
SecZ=1.28
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.2 17.8 19.5
ALT/AZ=51.6 -171.6
sdW=56.7
fwW=2.74
sdS=29.3
fwS=0.00
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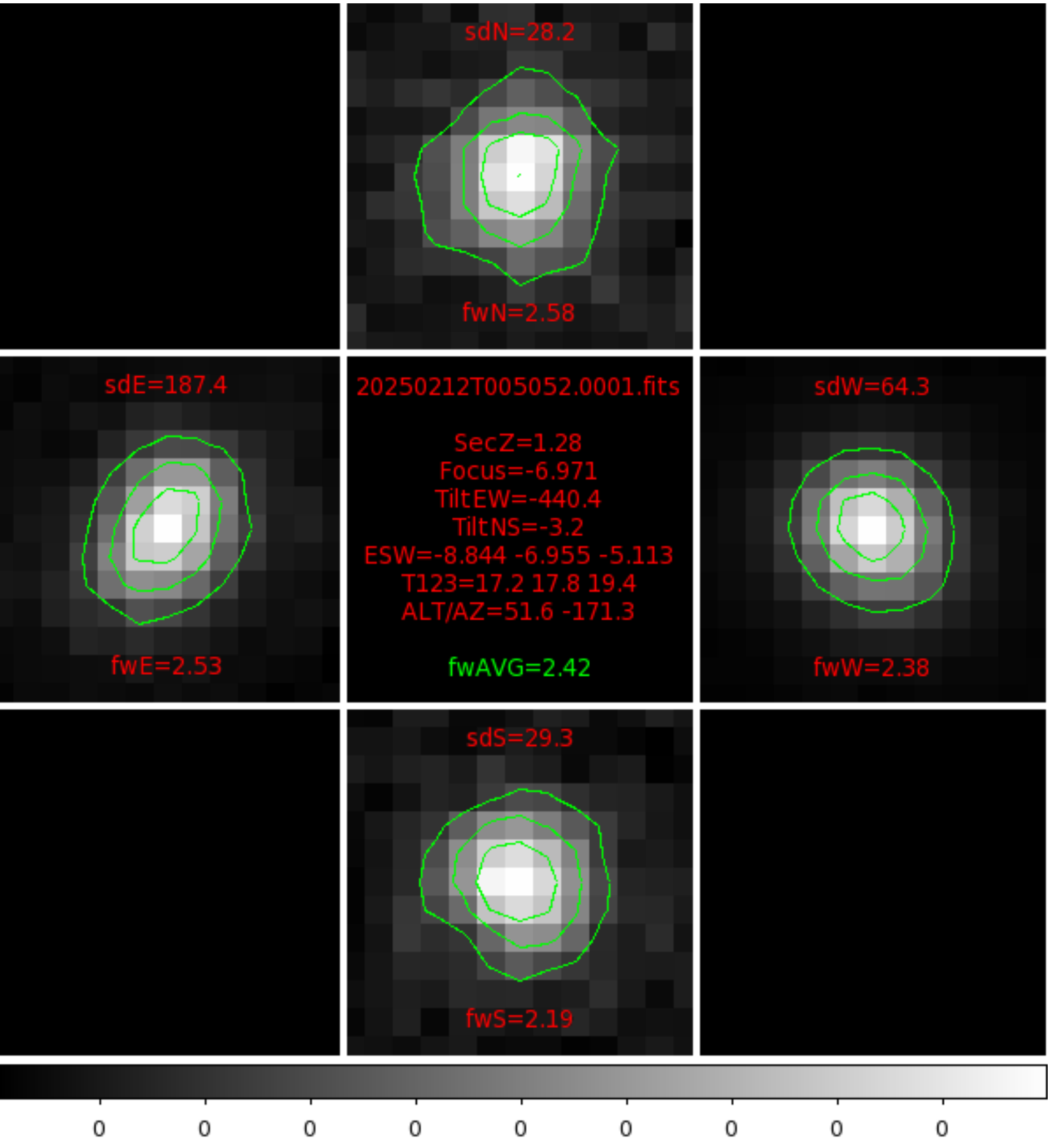
sdN=28.2
fwN=2.58
sdE=187.4
fwE=2.53
20250212T005052.0001.fits
SecZ=1.28
Focus=-6.971
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.844 -6.955 -5.113
T123=17.2 17.8 19.4
ALT/AZ=51.6 -171.3
fwAVG=2.42
sdW=64.3
fwW=2.38
sdS=29.3
fwS=2.19
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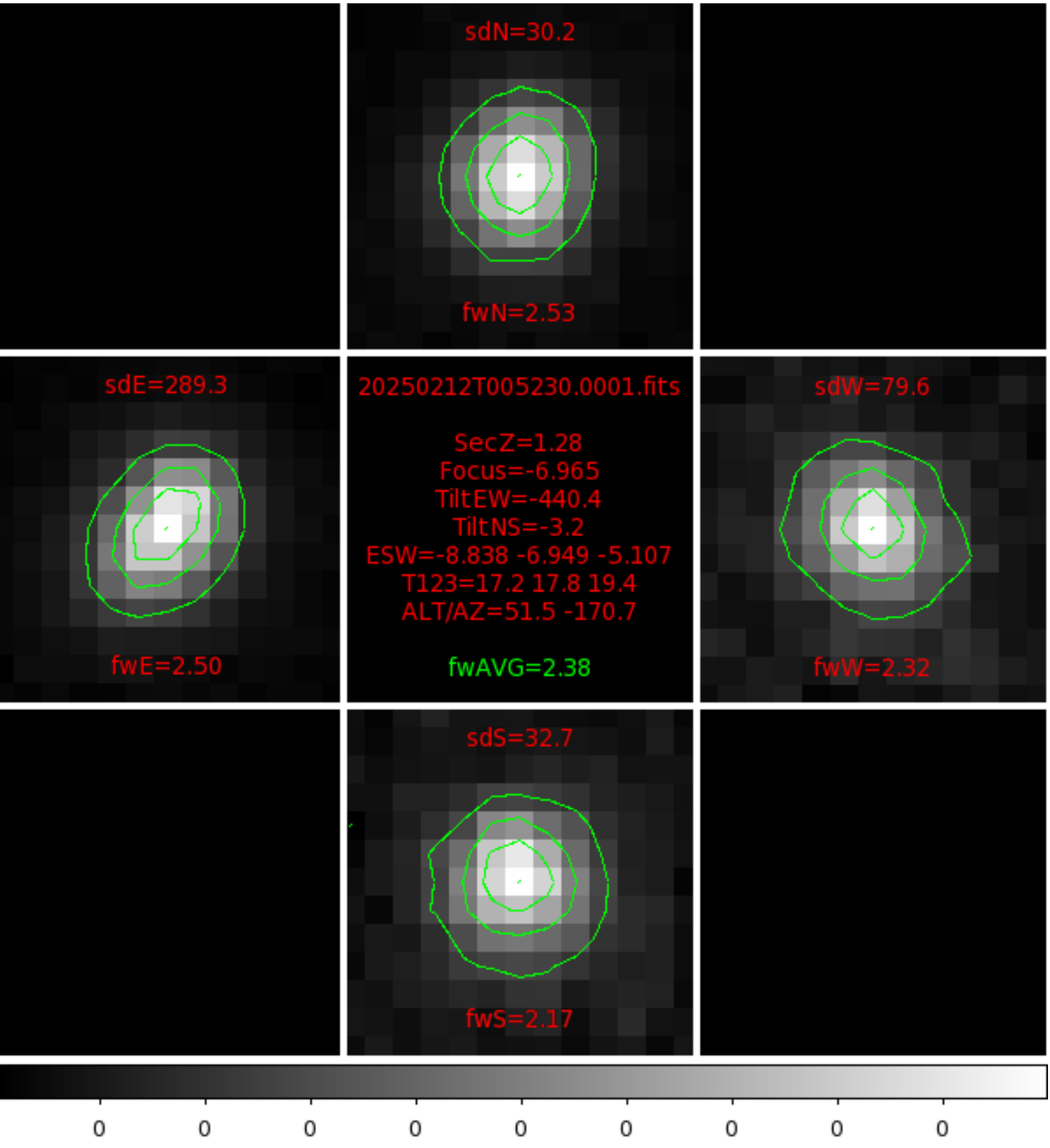
sdN=30.2
fwN=2.53
sdE=289.3
fwE=2.50
20250212T005230.0001.fits
SecZ=1.28
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.2 17.8 19.4
ALT/AZ=51.5 -170.7
fwAVG=2.38
sdW=79.6
fwW=2.32
sdS=32.7
fwS=2.17
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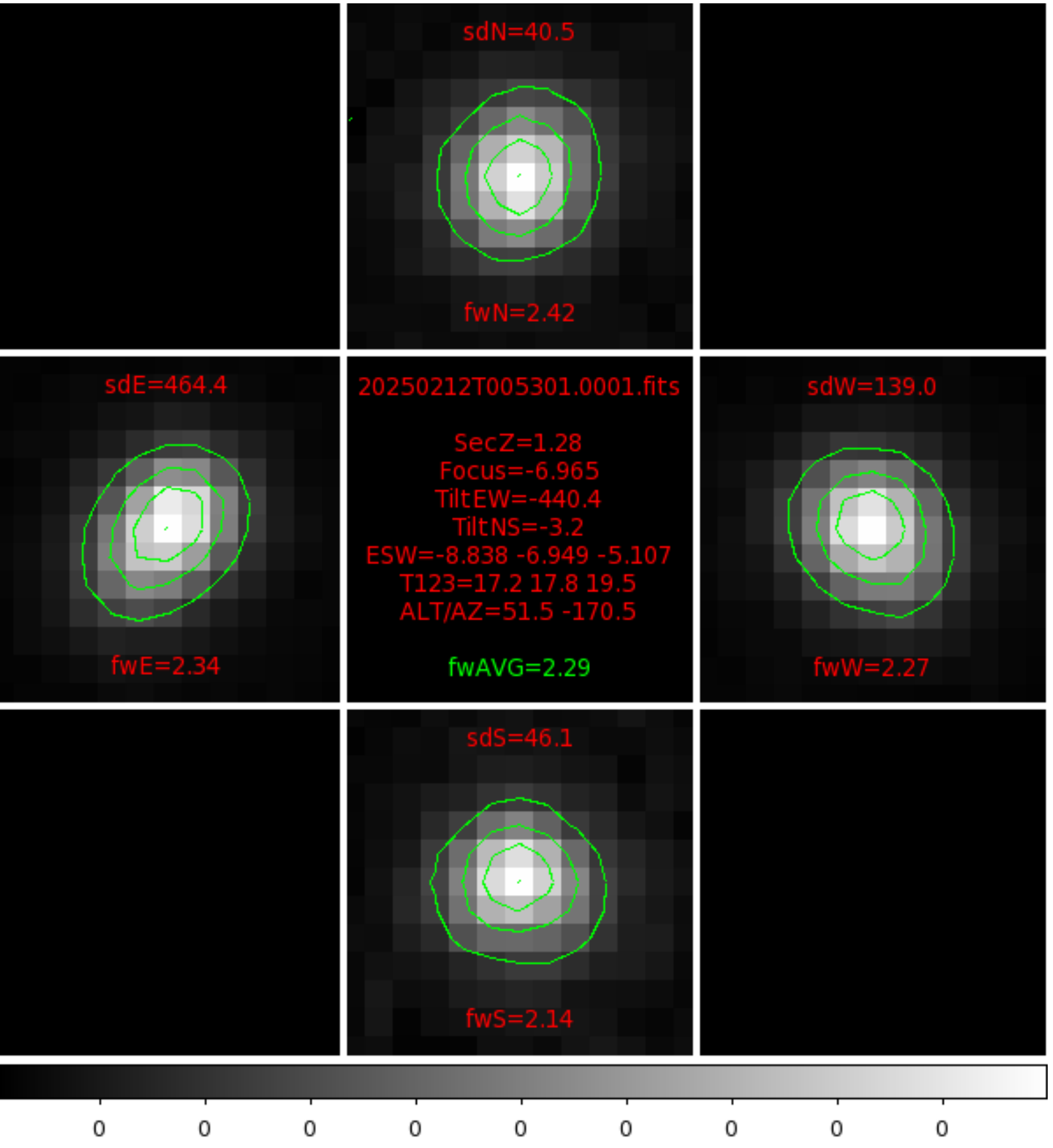
sdN=40.5
fwN=2.42
sdE=464.4
fwE=2.34
20250212T005301.0001.fits
SecZ=1.28
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.2 17.8 19.5
ALT/AZ=51.5 -170.5
fwAVG=2.29
sdW=139.0
fwW=2.27
sdS=46.1
fwS=2.14
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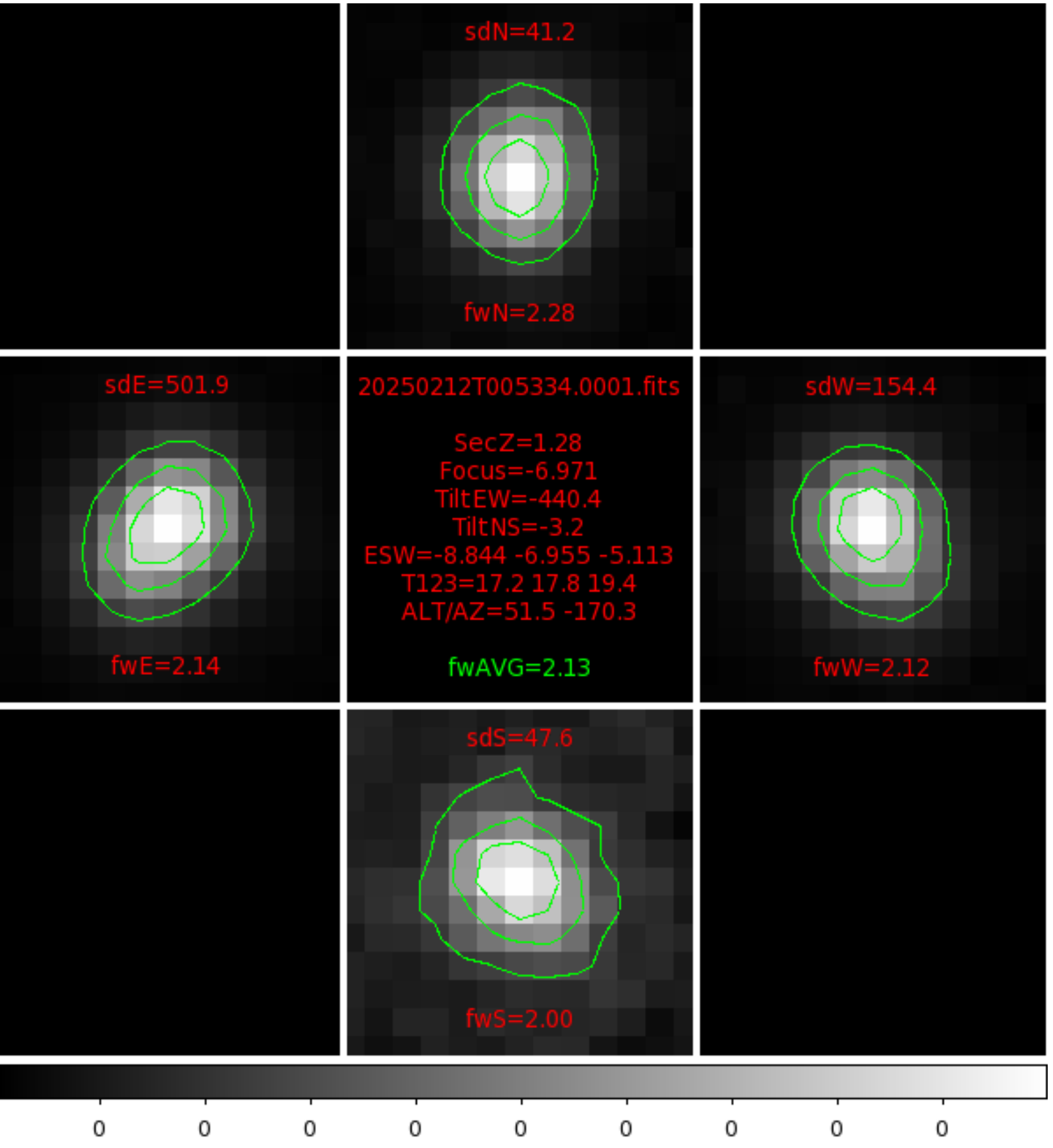
sdN=41.2
fwN=2.28
sdE=501.9
fwE=2.14
20250212T005334.0001.fits
SecZ=1.28
Focus=-6.971
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.844 -6.955 -5.113
T123=17.2 17.8 19.4
ALT/AZ=51.5 -170.3
fwAVG=2.13
sdW=154.4
fwW=2.12
sdS=47.6
fwS=2.00
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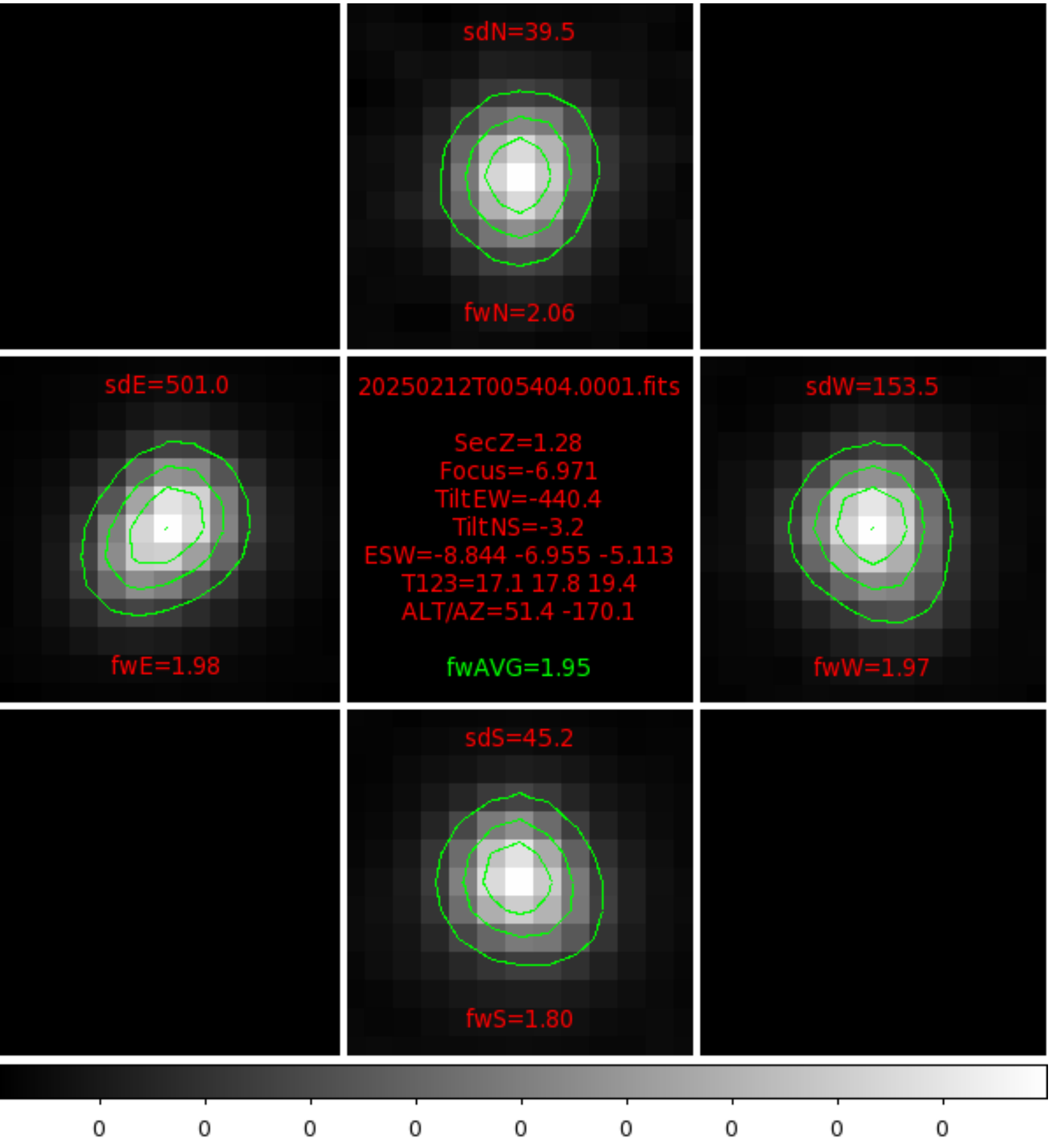
sdN=39.5
fwN=2.06
sdE=501.0
fwE=1.98
20250212T005404.0001.fits
SecZ=1.28
Focus=-6.971
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.844 -6.955 -5.113
T123=17.1 17.8 19.4
ALT/AZ=51.4 -170.1
fwAVG=1.95
sdW=153.5
fwW=1.97
sdS=45.2
fwS=1.80
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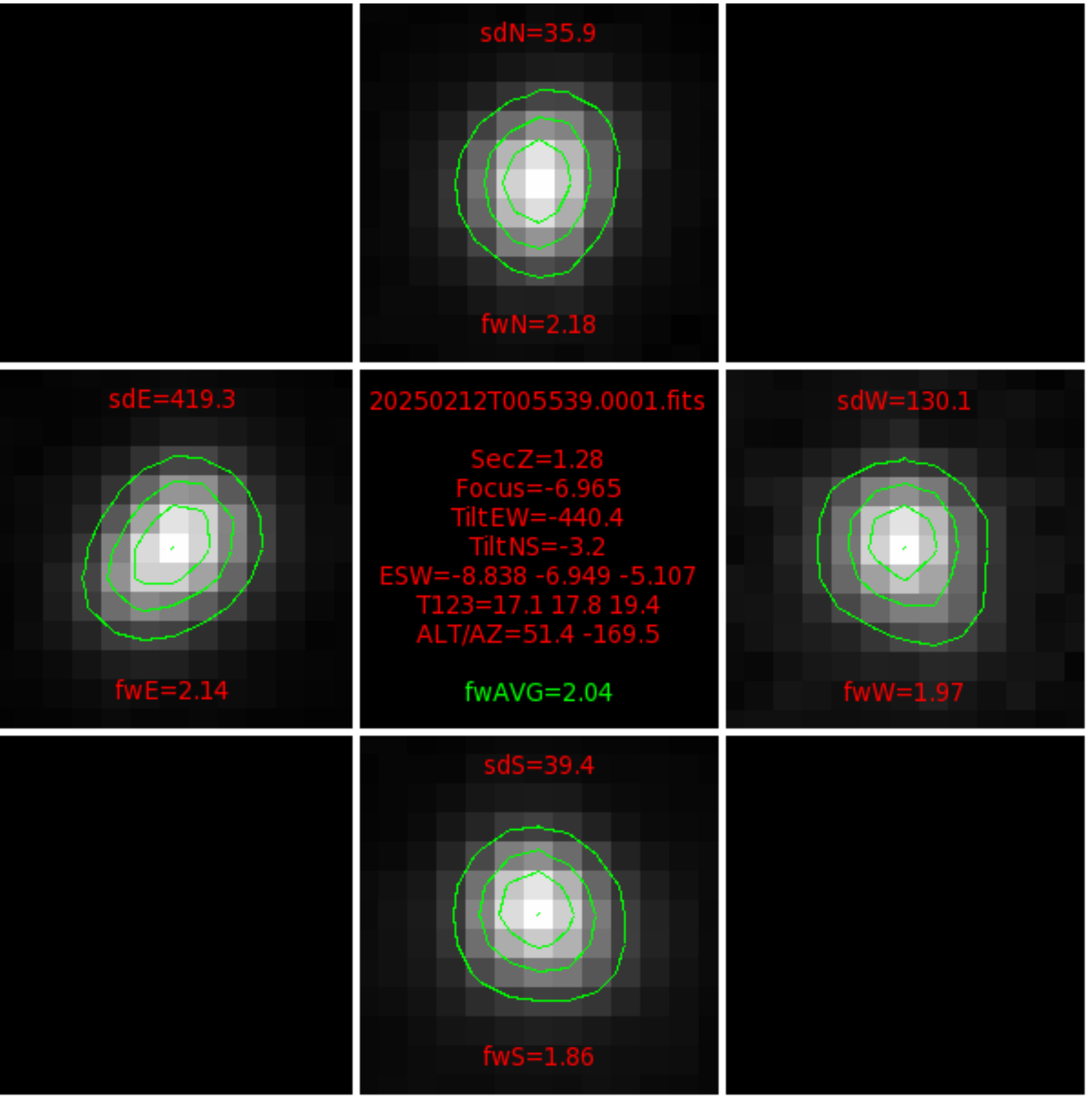
sdN=35.9
fwN=2.18
sdE=419.3
fwE=2.14
20250212T005539.0001.fits
SecZ=1.28
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.1 17.8 19.4
ALT/AZ=51.4 -169.5
fwAVG=2.04
sdW=130.1
fwW=1.97
sdS=39.4
fwS=1.86
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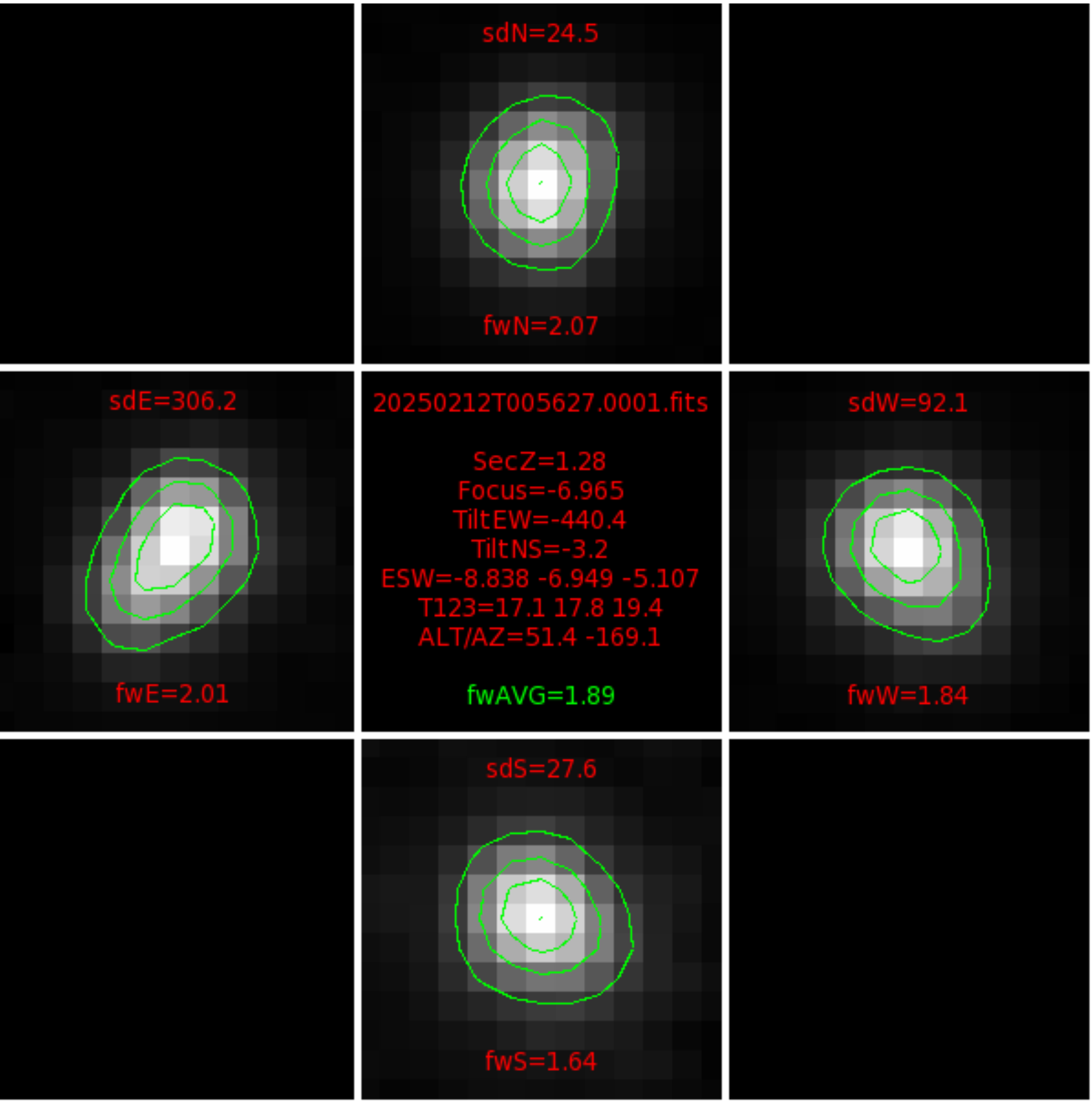
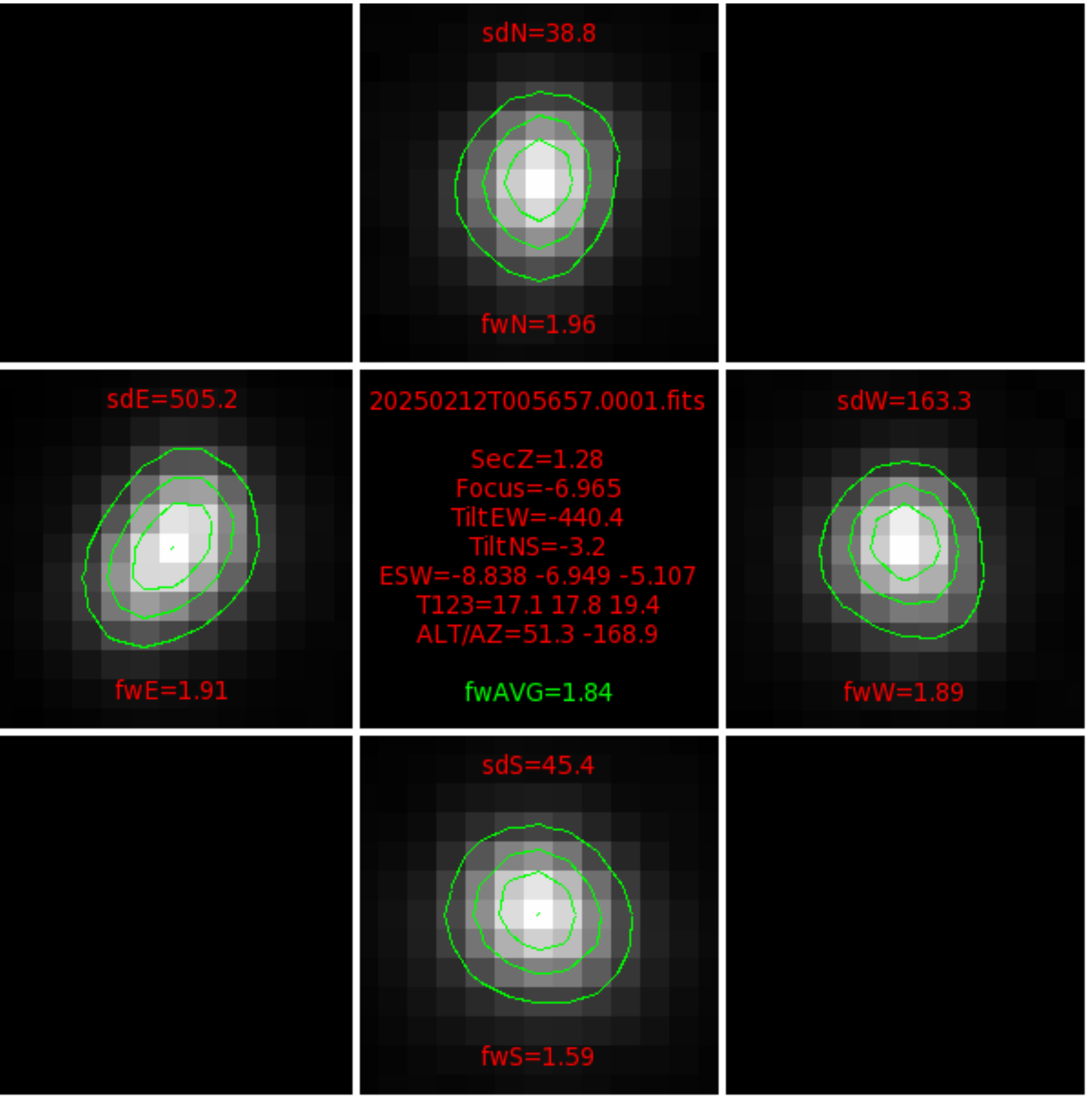
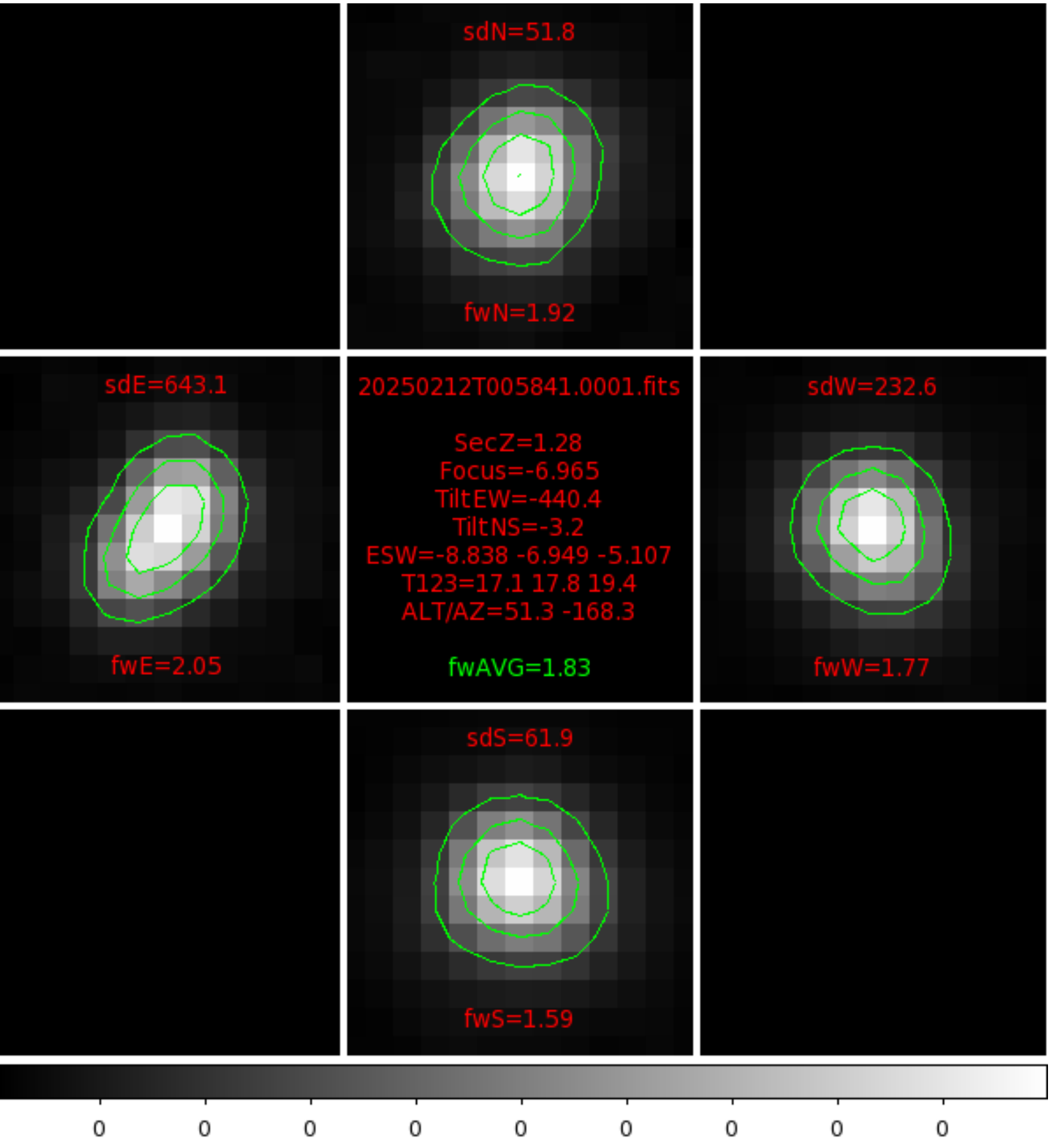
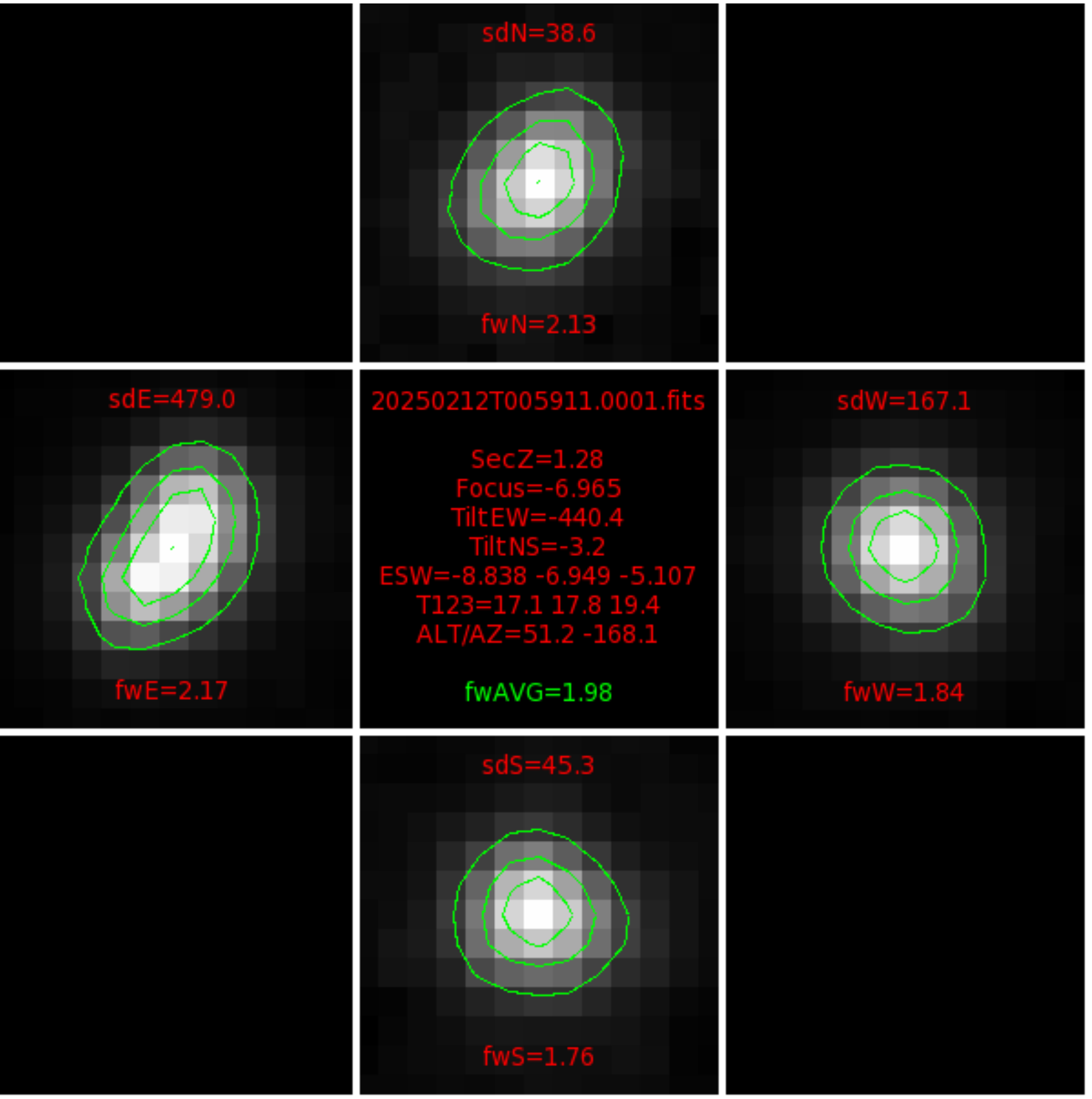
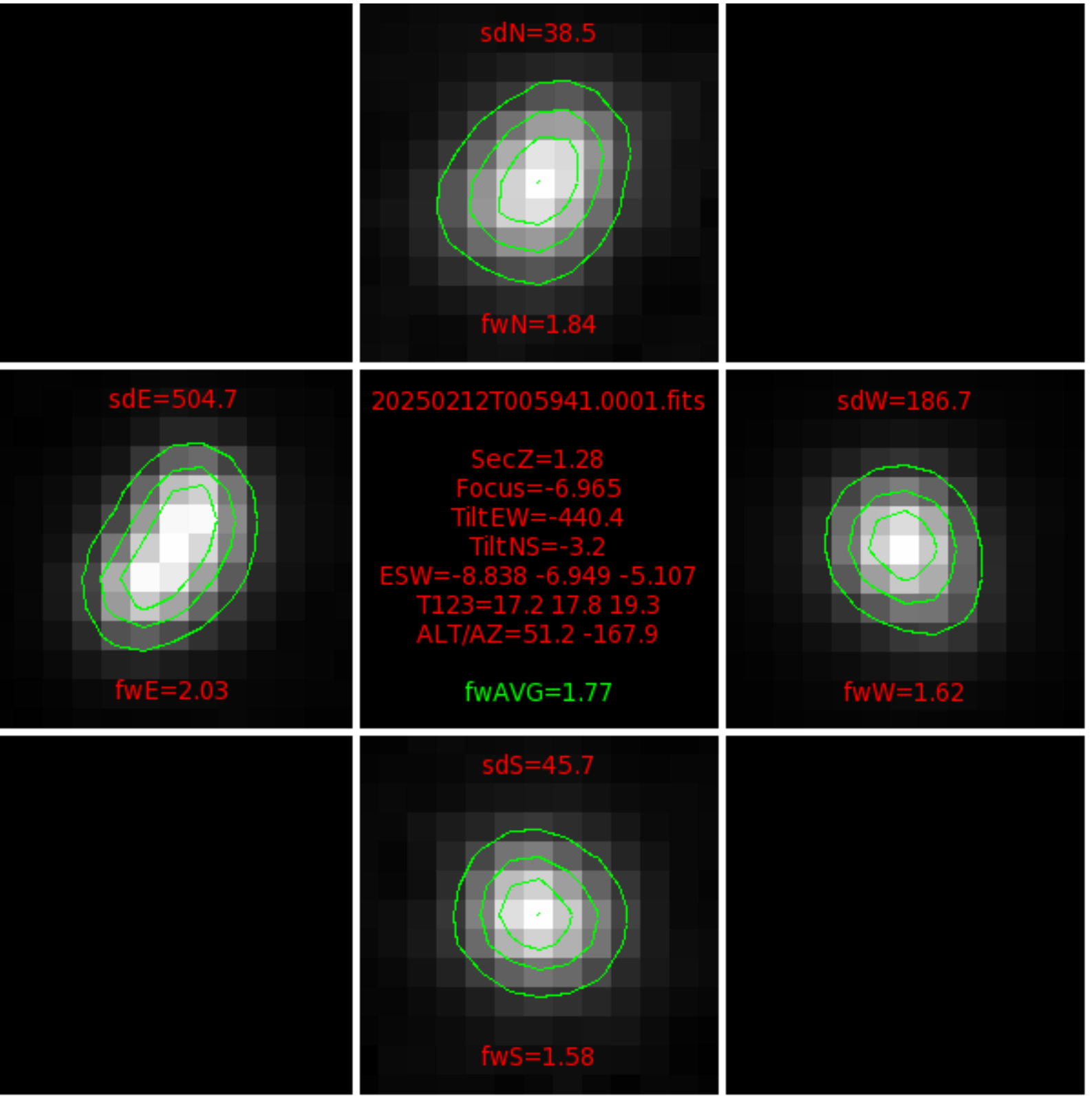
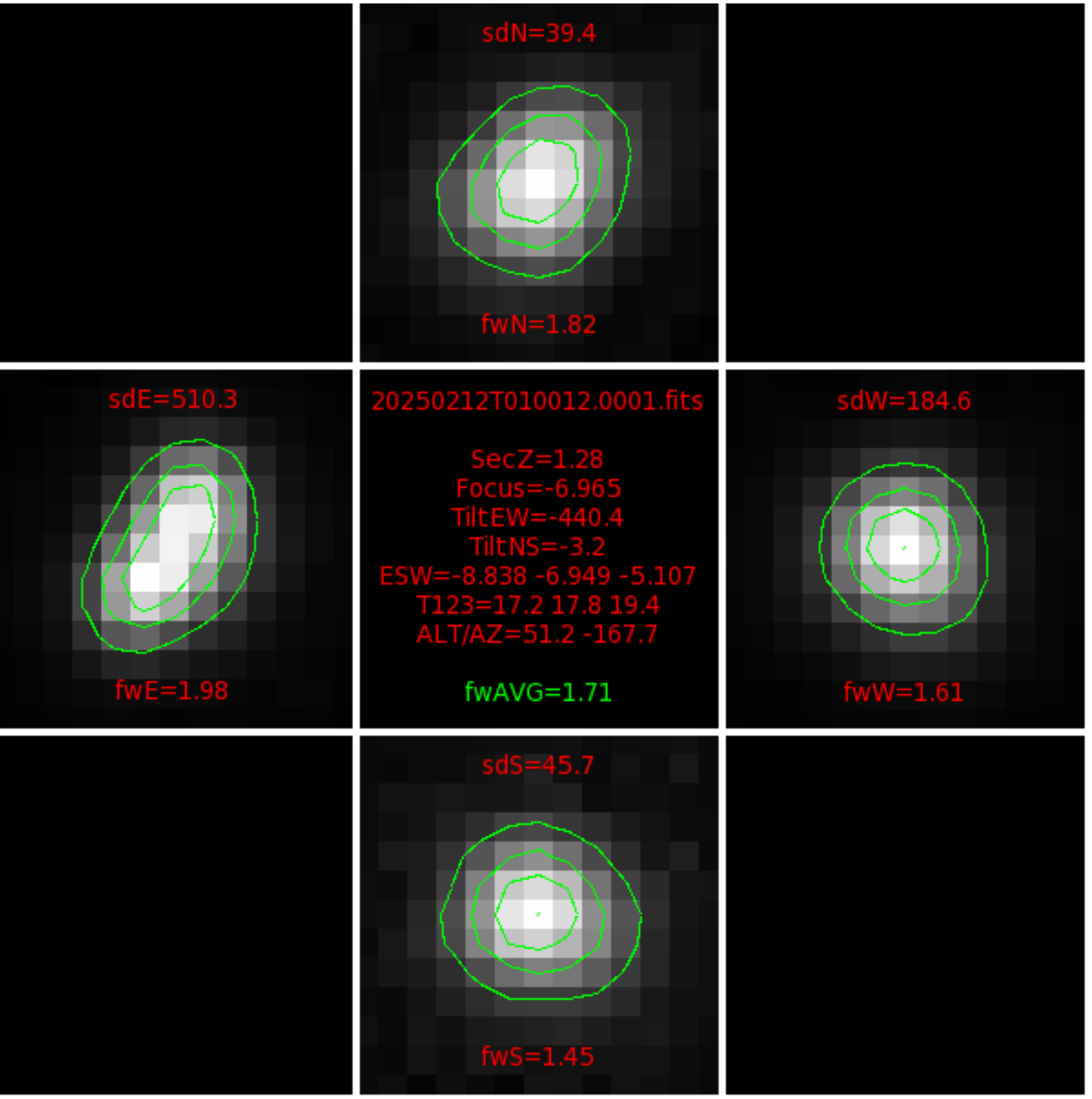

sdN=24.5
fwN=2.07
sdE=306.2
fwE=2.01
20250212T005627.0001.fits
SecZ=1.28
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.1 17.8 19.4
ALT/AZ=51.4 -169.1
fwAVG=1.89
sdW=92.1
fwW=1.84
sdS=27.6
fwS=1.64
0 0 0 0 0 0 0 0 0

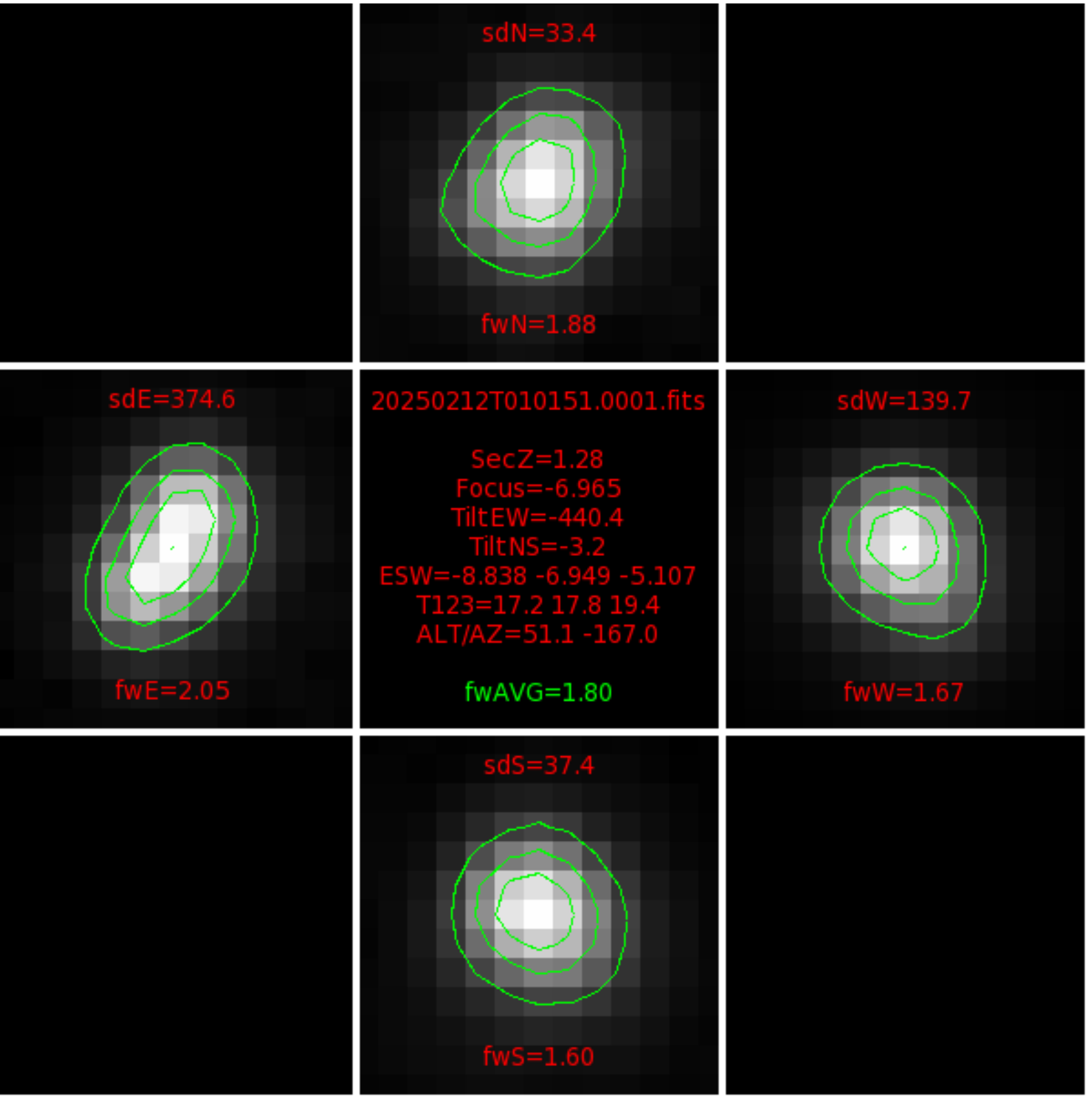

sdN=38.8
fwN=1.96
sdE=505.2
fwE=1.91
20250212T005657.0001.fits
SecZ=1.28
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.1 17.8 19.4
ALT/AZ=51.3 -168.9
fwAVG=1.84
sdW=163.3
fwW=1.89
sdS=45.4
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=51.8
fwN=1.92
sdE=643.1
fwE=2.05
20250212T005841.0001.fits
SecZ=1.28
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.1 17.8 19.4
ALT/AZ=51.3 -168.3
fwAVG=1.83
sdW=232.6
fwW=1.77
sdS=61.9
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=38.6
fwN=2.13
sdE=479.0
fwE=2.17
20250212T005911.0001.fits
SecZ=1.28
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.1 17.8 19.4
ALT/AZ=51.2 -168.1
fwAVG=1.98
sdW=167.1
fwW=1.84
sdS=45.3
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=38.5
fwN=1.84
sdE=504.7
fwE=2.03
20250212T005941.0001.fits
SecZ=1.28
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.2 17.8 19.3
ALT/AZ=51.2 -167.9
fwAVG=1.77
sdW=186.7
fwW=1.62
sdS=45.7
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=39.4
fwN=1.82
sdE=510.3
fwE=1.98
20250212T010012.0001.fits
SecZ=1.28
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.2 17.8 19.4
ALT/AZ=51.2 -167.7
fwAVG=1.71
sdW=184.6
fwW=1.61
sdS=45.7
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=33.4
fwN=1.88
sdE=374.6
fwE=2.05
20250212T010151.0001.fits
SecZ=1.28
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.2 17.8 19.4
ALT/AZ=51.1 -167.0
fwAVG=1.80
sdW=139.7
fwW=1.67
sdS=37.4
fwS=1.60
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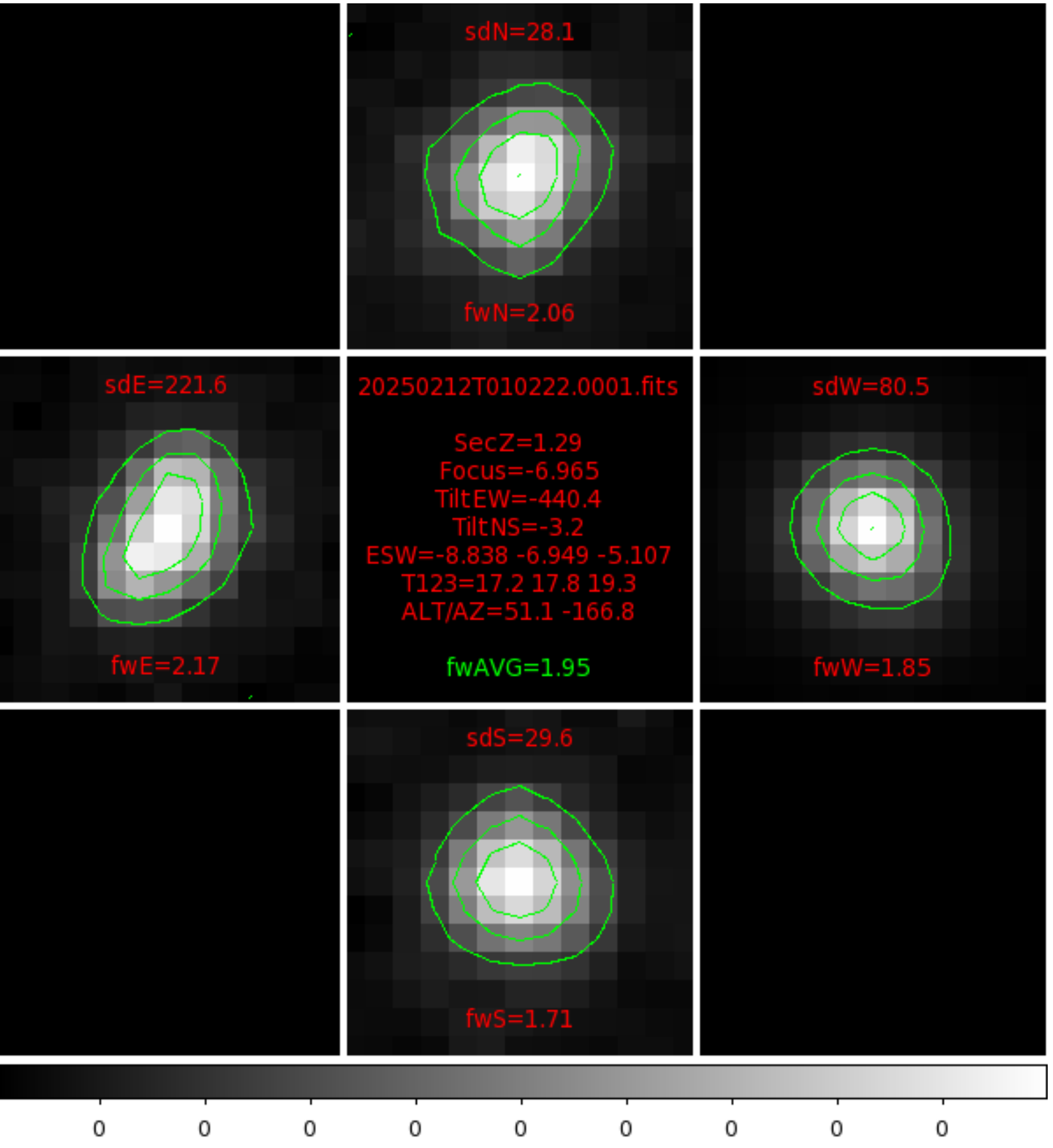
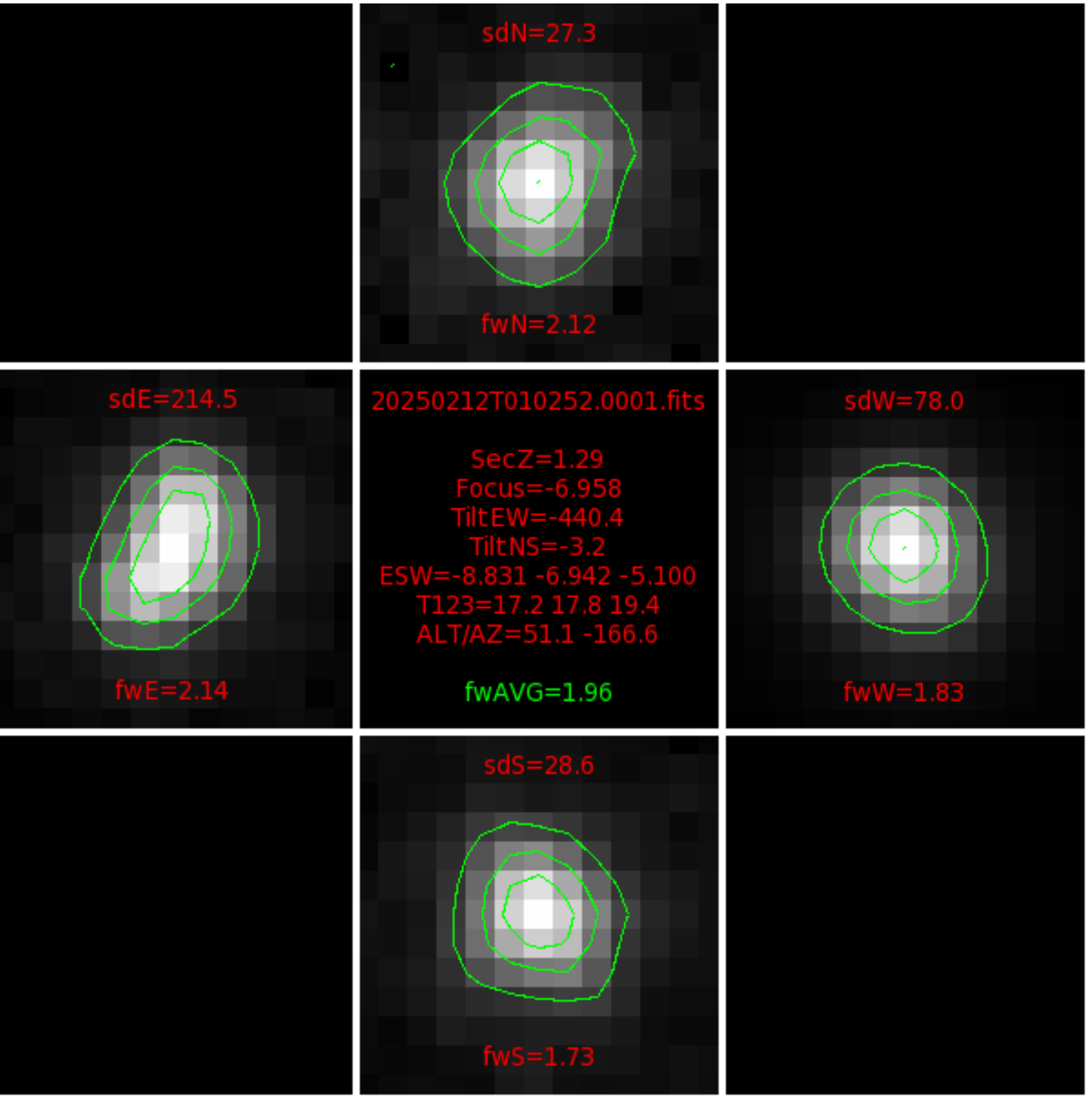

sdN=28.1
fwN=2.06
sdE=221.6
fwE=2.17
20250212T010222.0001.fits
SecZ=1.29
Focus=-6.965
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.838 -6.949 -5.107
T123=17.2 17.8 19.3
ALT/AZ=51.1 -166.8
fwAVG=1.95
sdW=80.5
fwW=1.85
sdS=29.6
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=27.3
fwN=2.12
sdE=214.5
fwE=2.14
20250212T010252.0001.fits
SecZ=1.29
Focus=-6.958
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.831 -6.942 -5.100
T123=17.2 17.8 19.4
ALT/AZ=51.1 -166.6
fwAVG=1.96
sdW=78.0
fwW=1.83
sdS=28.6
fwS=1.73
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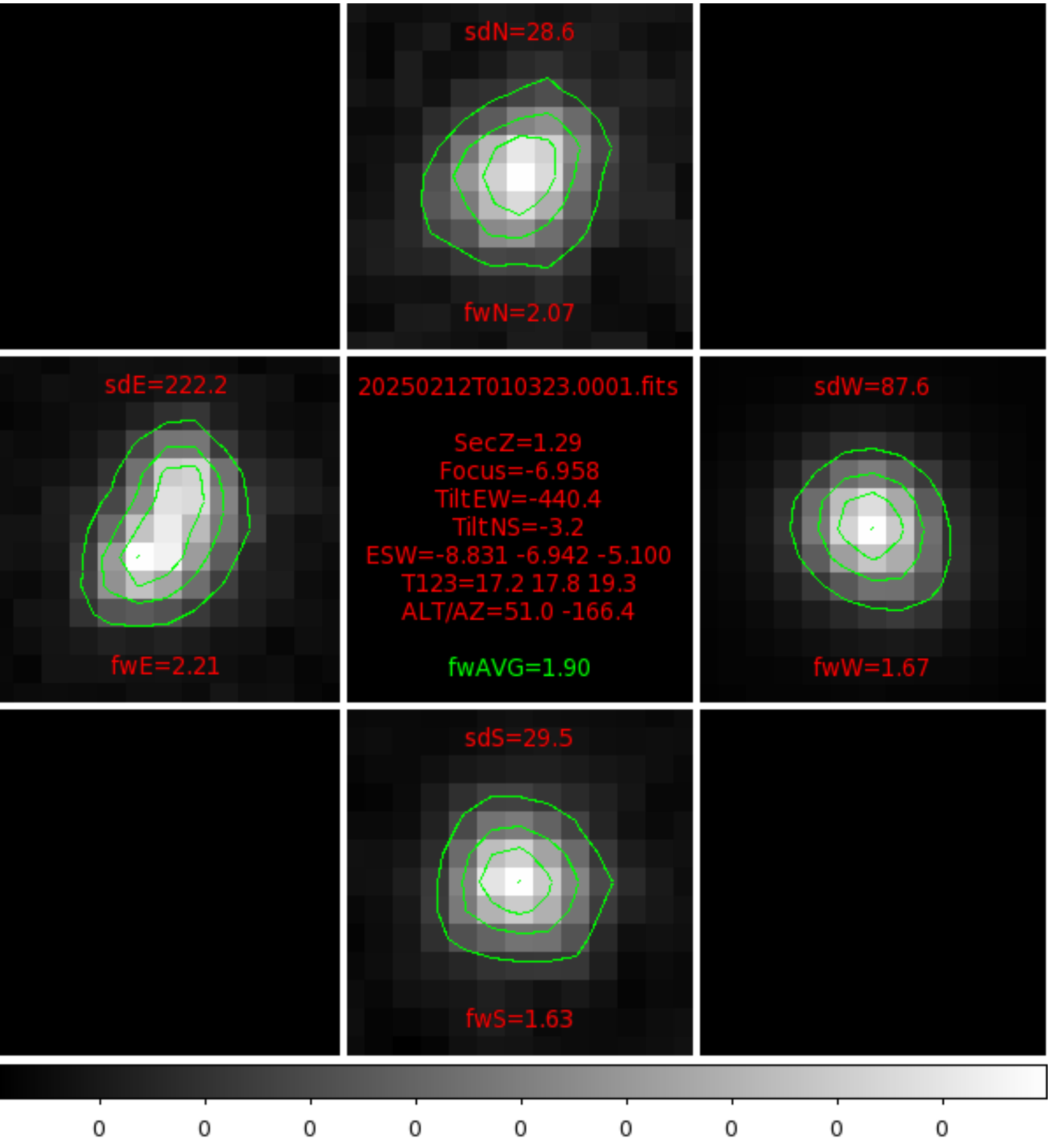
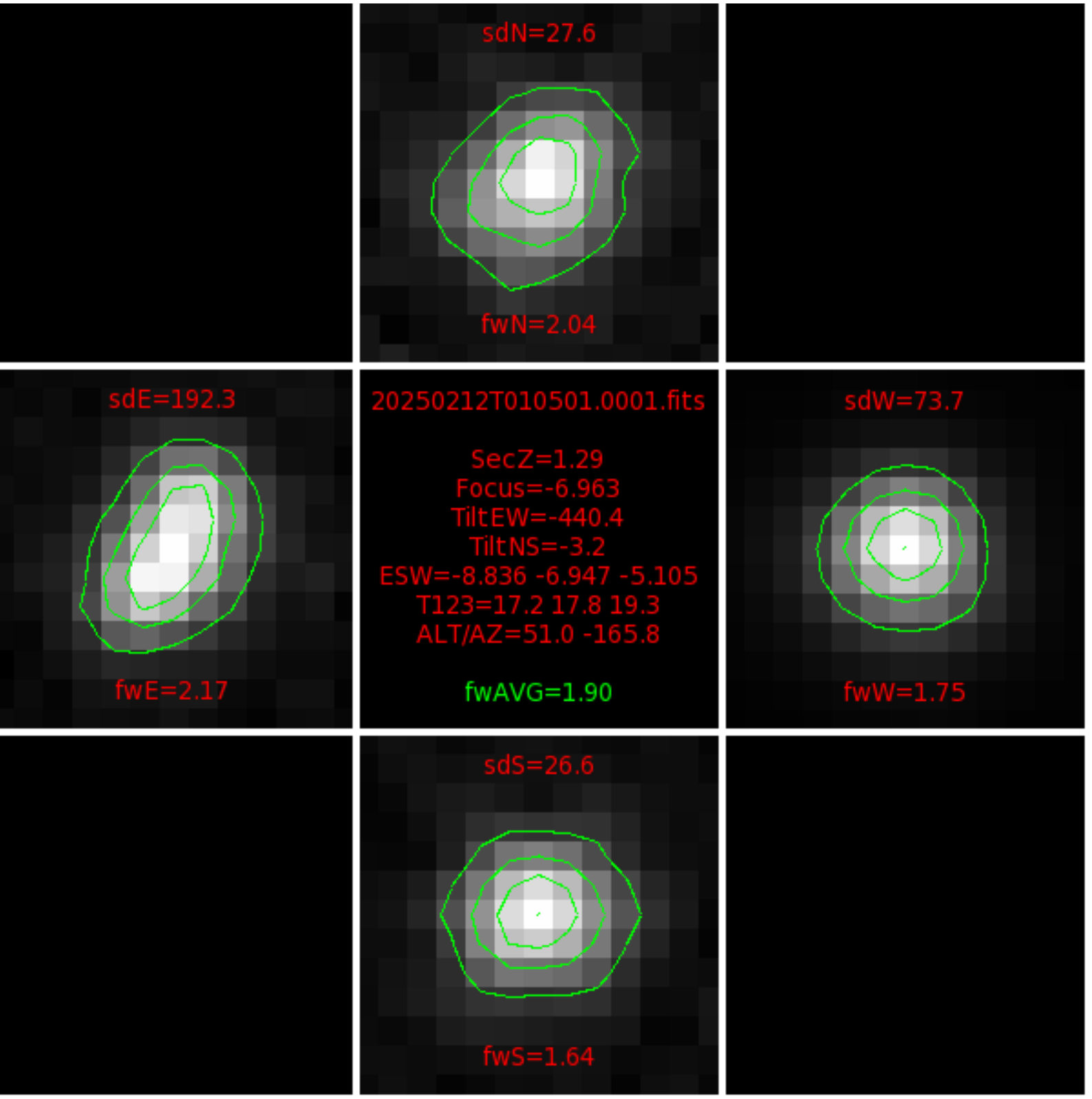

sdN=28.6
fwN=2.07
sdE=222.2
fwE=2.21
20250212T010323.0001.fits
SecZ=1.29
Focus=-6.958
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.831 -6.942 -5.100
T123=17.2 17.8 19.3
ALT/AZ=51.0 -166.4
fwAVG=1.90
sdW=87.6
fwW=1.67
sdS=29.5
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=27.6
fwN=2.04
sdE=192.3
fwE=2.17
20250212T010501.0001.fits
SecZ=1.29
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.2 17.8 19.3
ALT/AZ=51.0 -165.8
fwAVG=1.90
sdW=73.7
fwW=1.75
sdS=26.6
fwS=1.64
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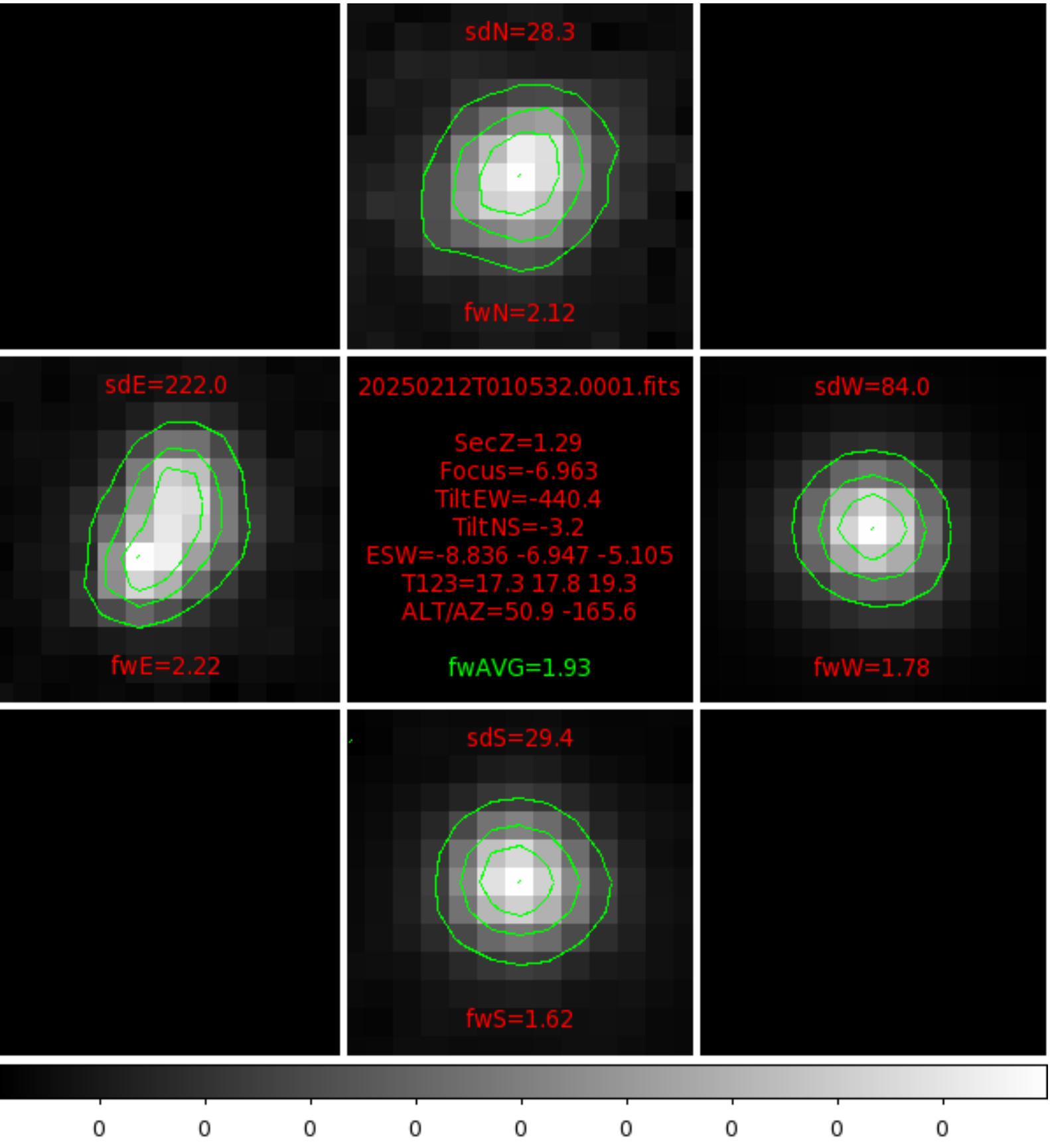
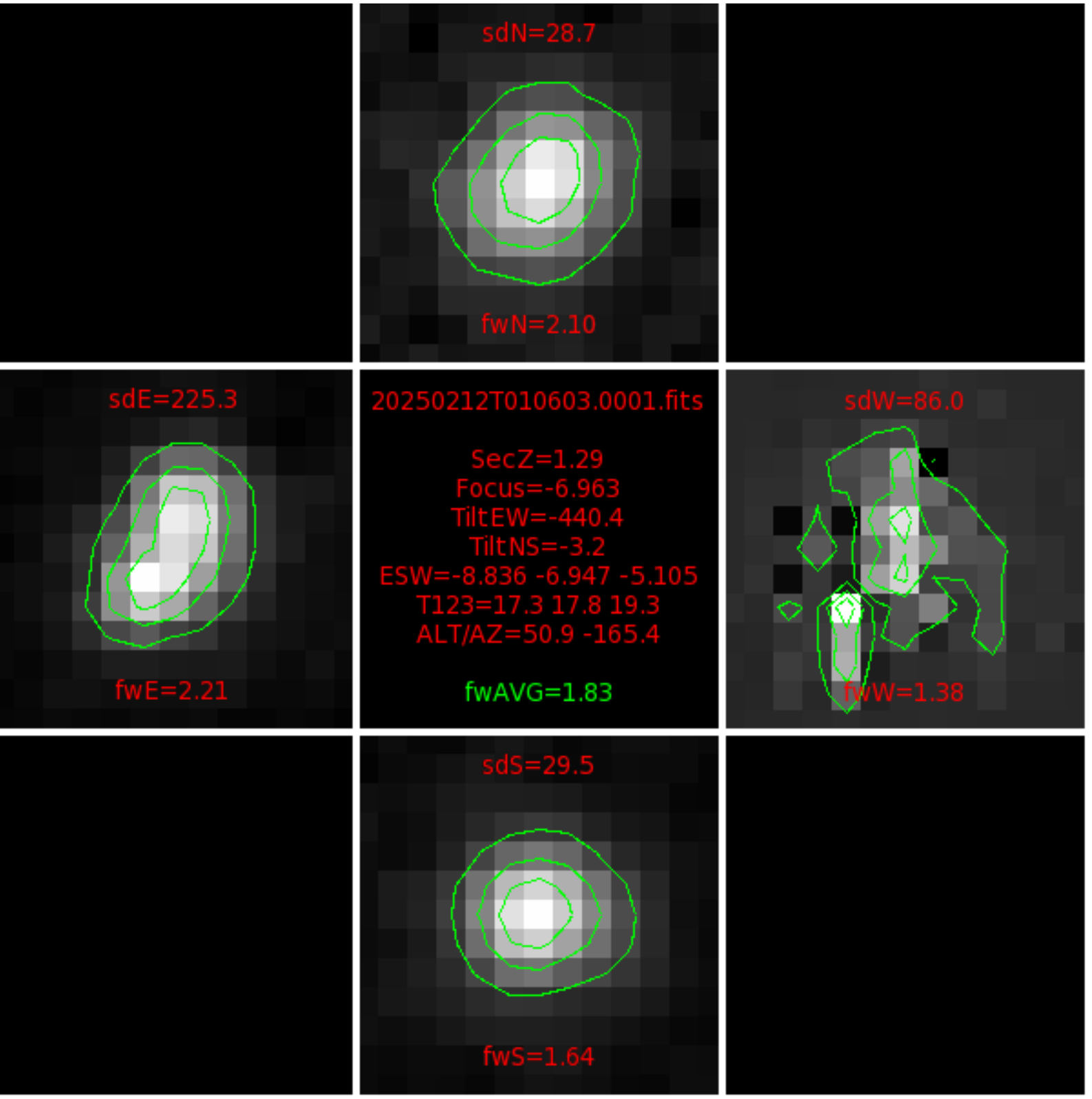
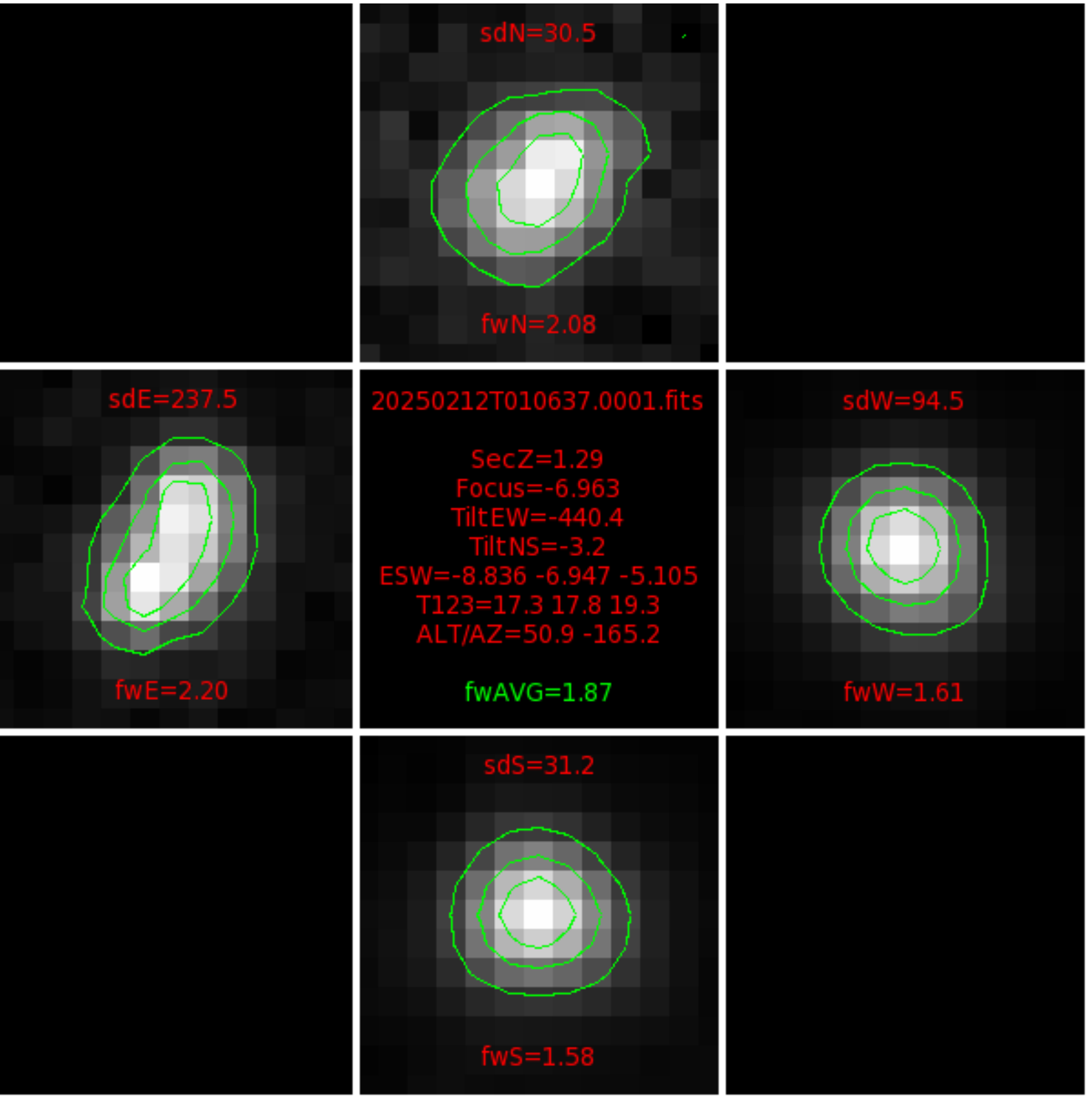

sdN=28.3
fwN=2.12
sdE=222.0
fwE=2.22
20250212T010532.0001.fits
SecZ=1.29
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.3 17.8 19.3
ALT/AZ=50.9 -165.6
fwAVG=1.93
sdW=84.0
fwW=1.78
sdS=29.4
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=28.7
fwN=2.10
sdE=225.3
fwE=2.21
20250212T010603.0001.fits
SecZ=1.29
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.3 17.8 19.3
ALT/AZ=50.9 -165.4
fwAVG=1.83
sdW=86.0
fwW=1.38
sdS=29.5
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=30.5
fwN=2.08
sdE=237.5
fwE=2.20
20250212T010637.0001.fits
SecZ=1.29
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.3 17.8 19.3
ALT/AZ=50.9 -165.2
fwAVG=1.87
sdW=94.5
fwW=1.61
sdS=31.2
fwS=1.58
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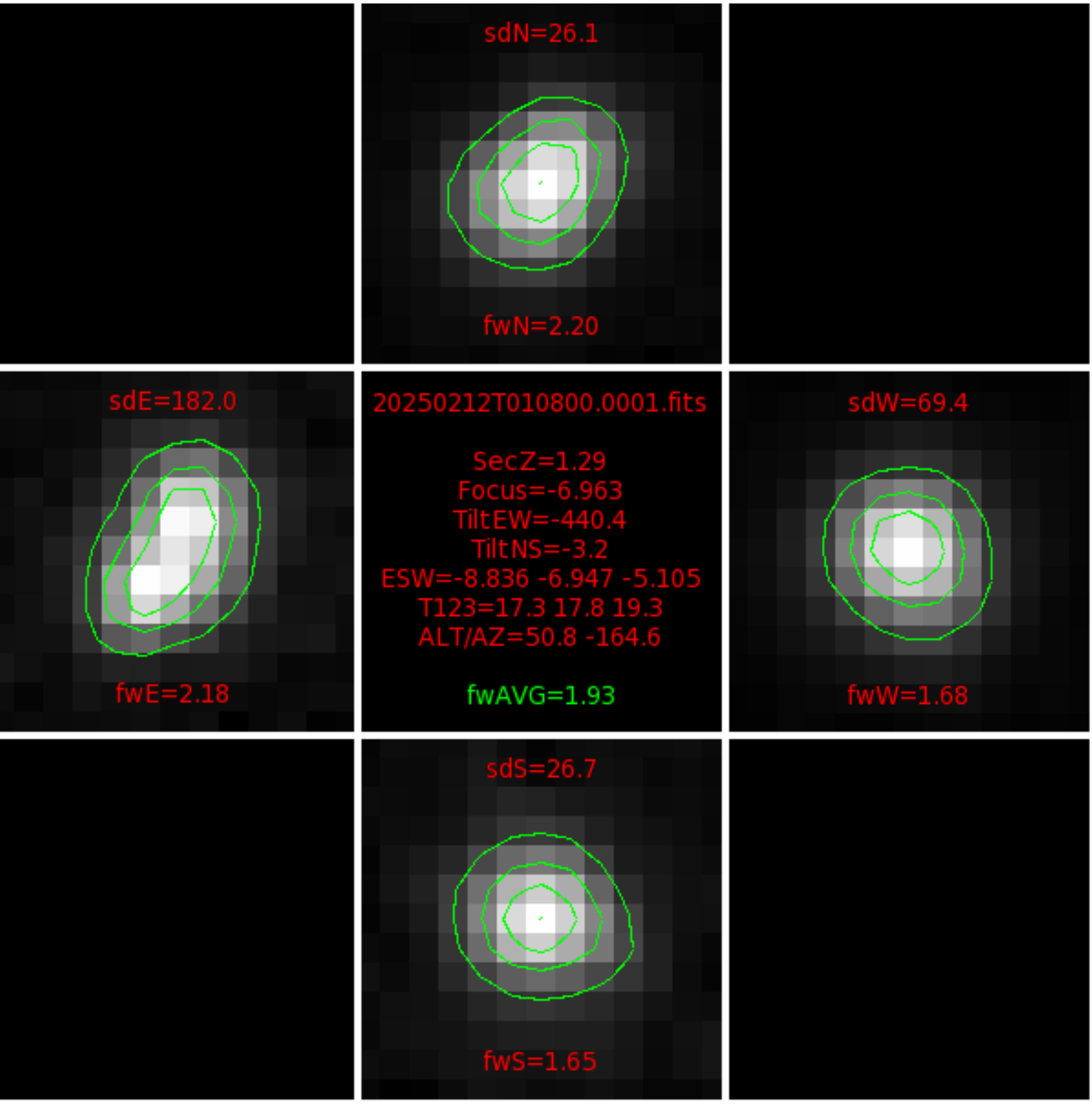
sdN=26.1
fwN=2.20
sdE=182.0
fwE=2.18
20250212T010800.0001.fits
SecZ=1.29
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.3 17.8 19.3
ALT/AZ=50.8 -164.6
fwAVG=1.93
sdW=69.4
fwW=1.68
sdS=26.7
fwS=1.65
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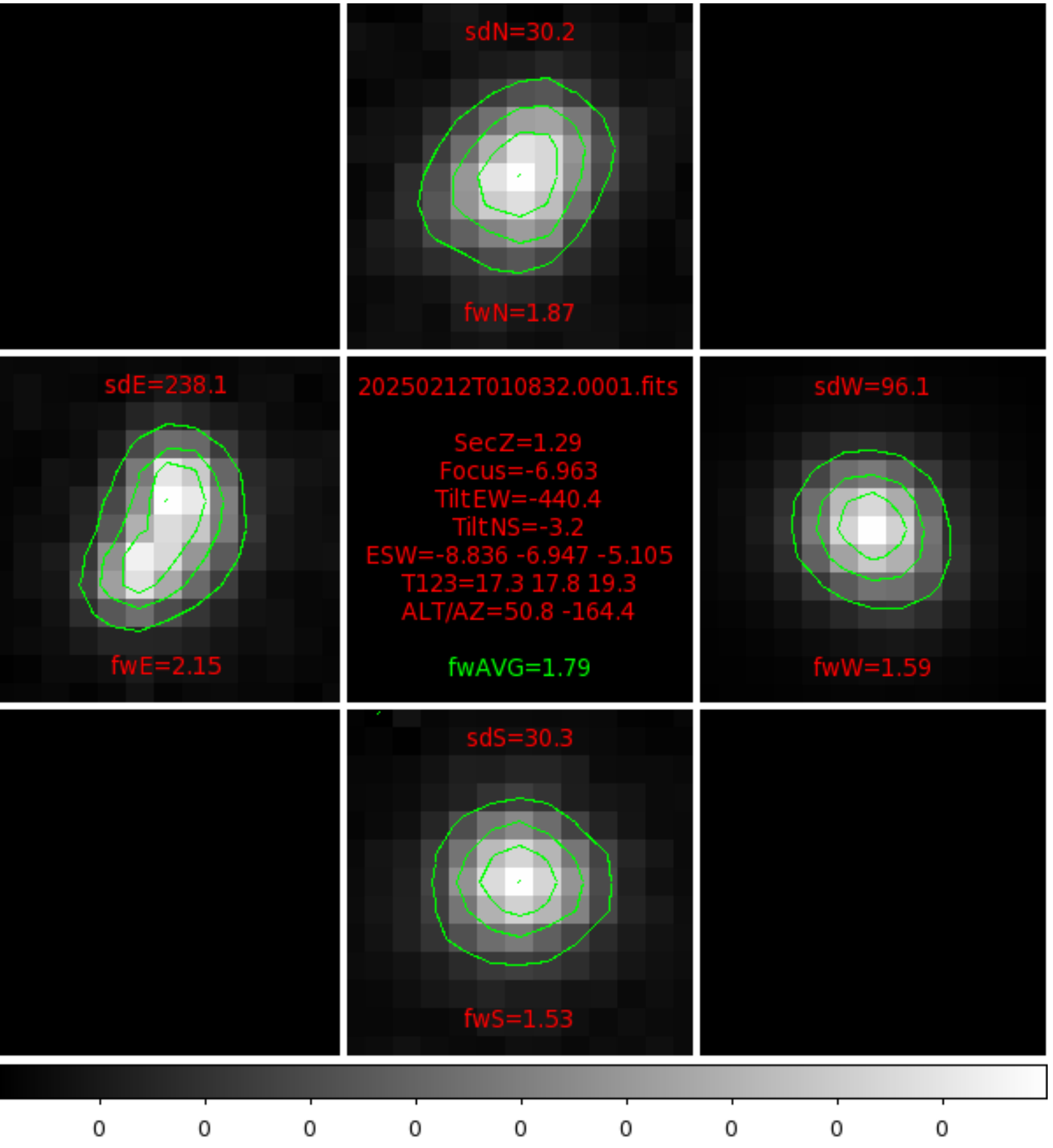
sdN=30.2
fwN=1.87
sdE=238.1
fwE=2.15
20250212T010832.0001.fits
SecZ=1.29
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.3 17.8 19.3
ALT/AZ=50.8 -164.4
fwAVG=1.79
sdW=96.1
fwW=1.59
sdS=30.3
fwS=1.53
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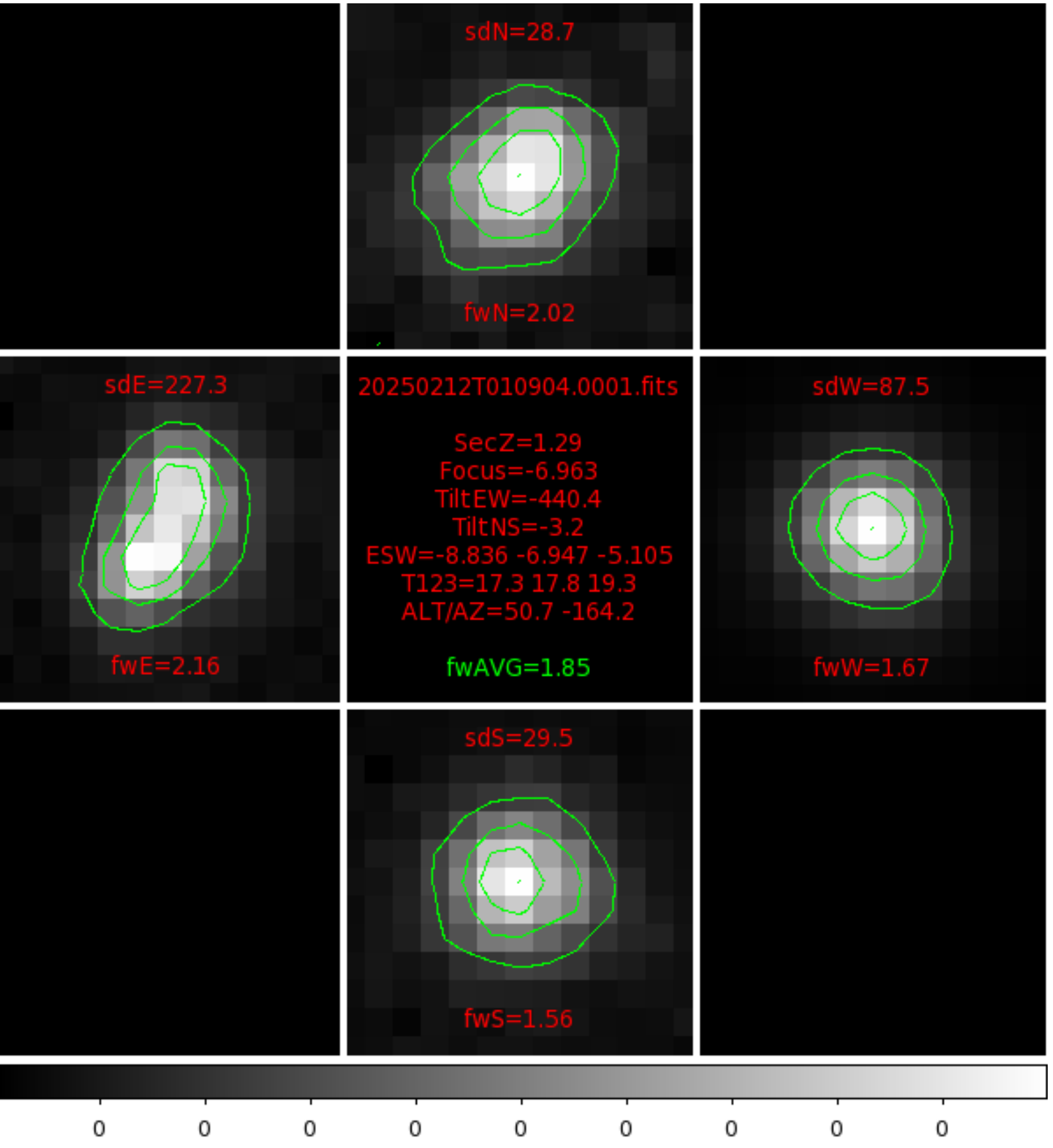
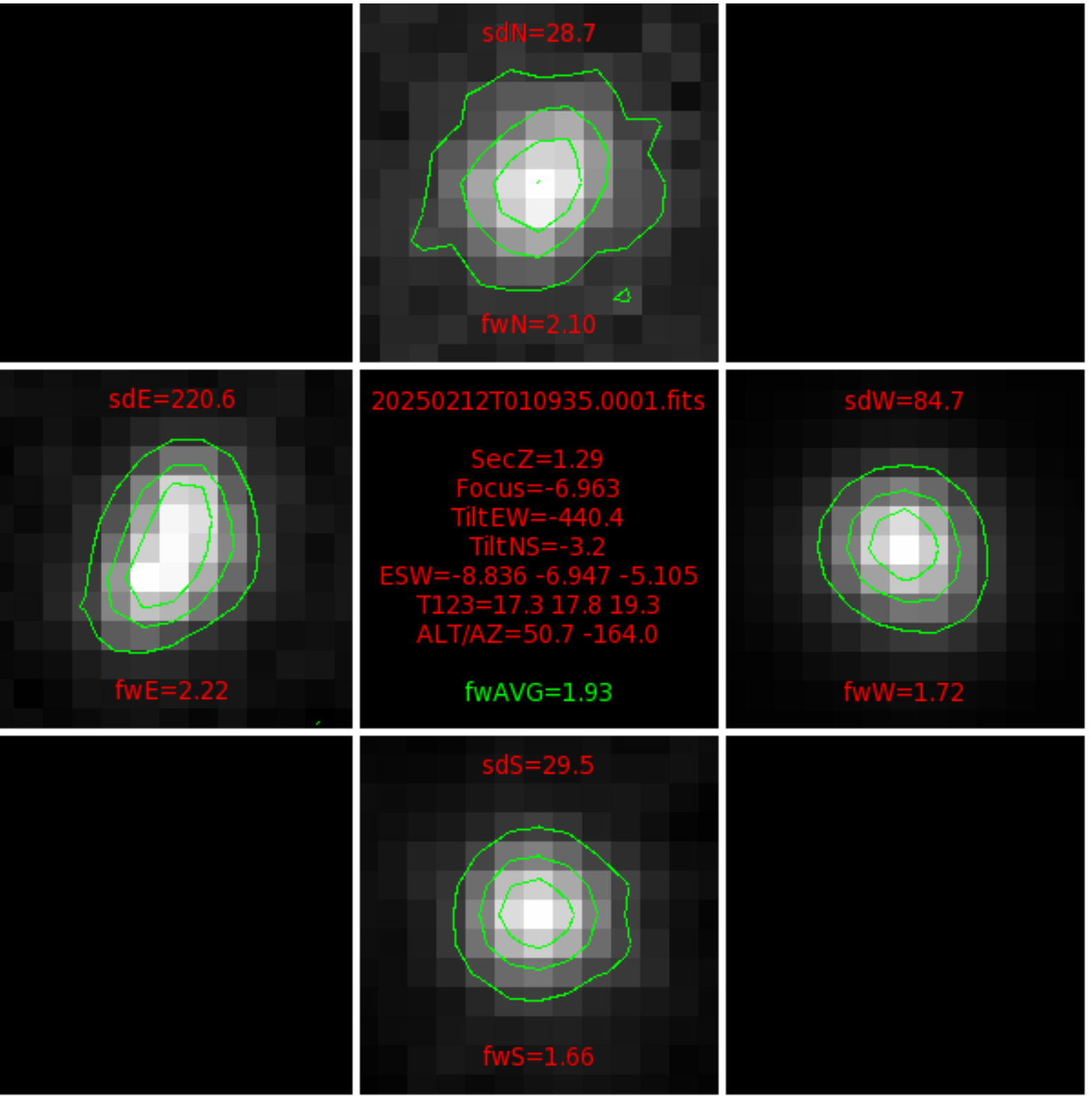

sdN=28.7
fwN=2.02
sdE=227.3
fwE=2.16
20250212T010904.0001.fits
SecZ=1.29
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.3 17.8 19.3
ALT/AZ=50.7 -164.2
fwAVG=1.85
sdW=87.5
fwW=1.67
sdS=29.5
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=28.7
fwN=2.10
sdE=220.6
fwE=2.22
20250212T010935.0001.fits
SecZ=1.29
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.3 17.8 19.3
ALT/AZ=50.7 -164.0
fwAVG=1.93
sdW=84.7
fwW=1.72
sdS=29.5
fwS=1.66
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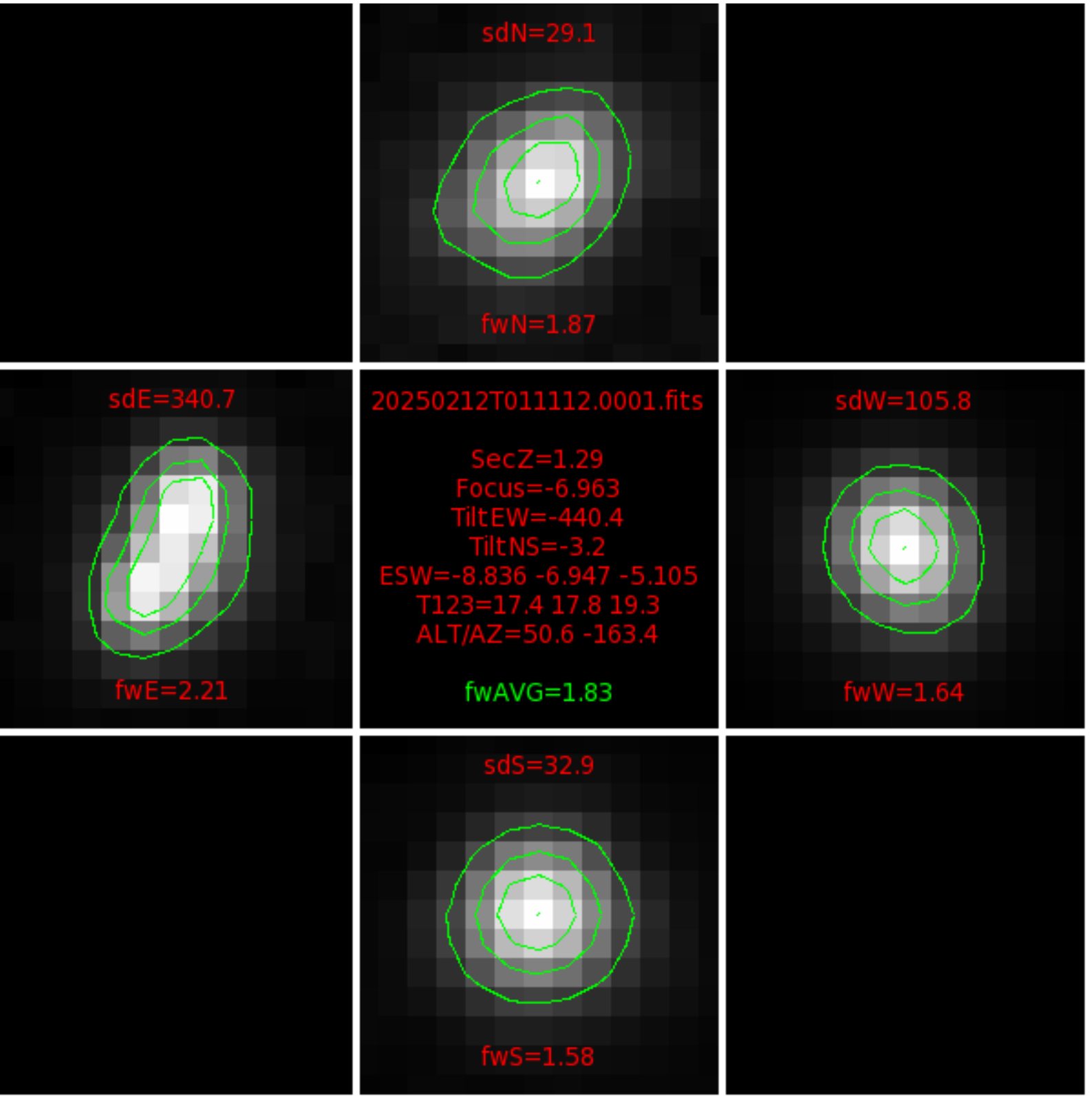
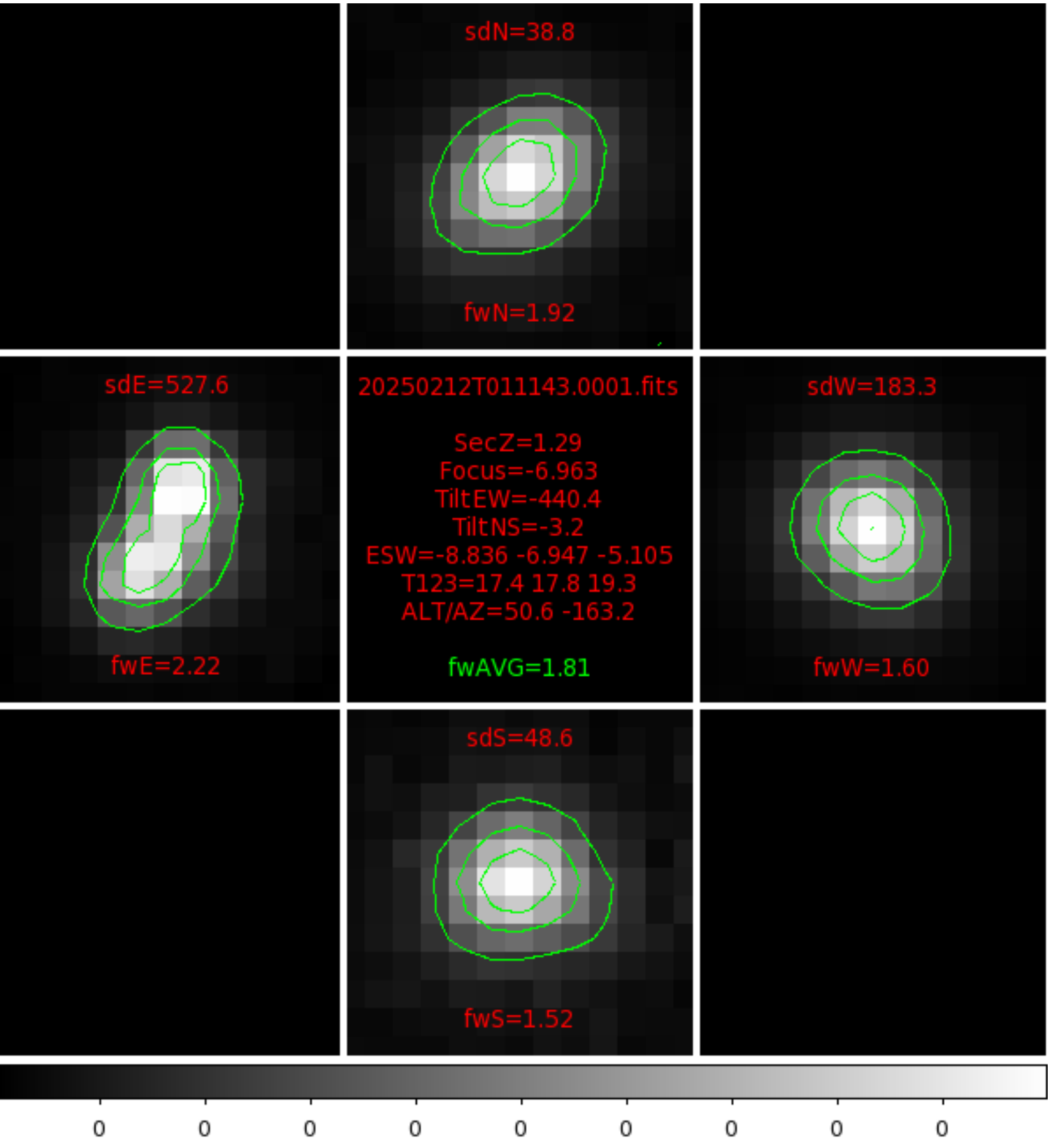

sdN=29.1
fwN=1.87
sdE=340.7
fwE=2.21
20250212T011112.0001.fits
SecZ=1.29
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.4 17.8 19.3
ALT/AZ=50.6 -163.4
fwAVG=1.83
sdW=105.8
fwW=1.64
sdS=32.9
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=38.8
fwN=1.92
sdE=527.6
fwE=2.22
20250212T011143.0001.fits
SecZ=1.29
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.4 17.8 19.3
ALT/AZ=50.6 -163.2
fwAVG=1.81
sdW=183.3
fwW=1.60
sdS=48.6
fwS=1.52
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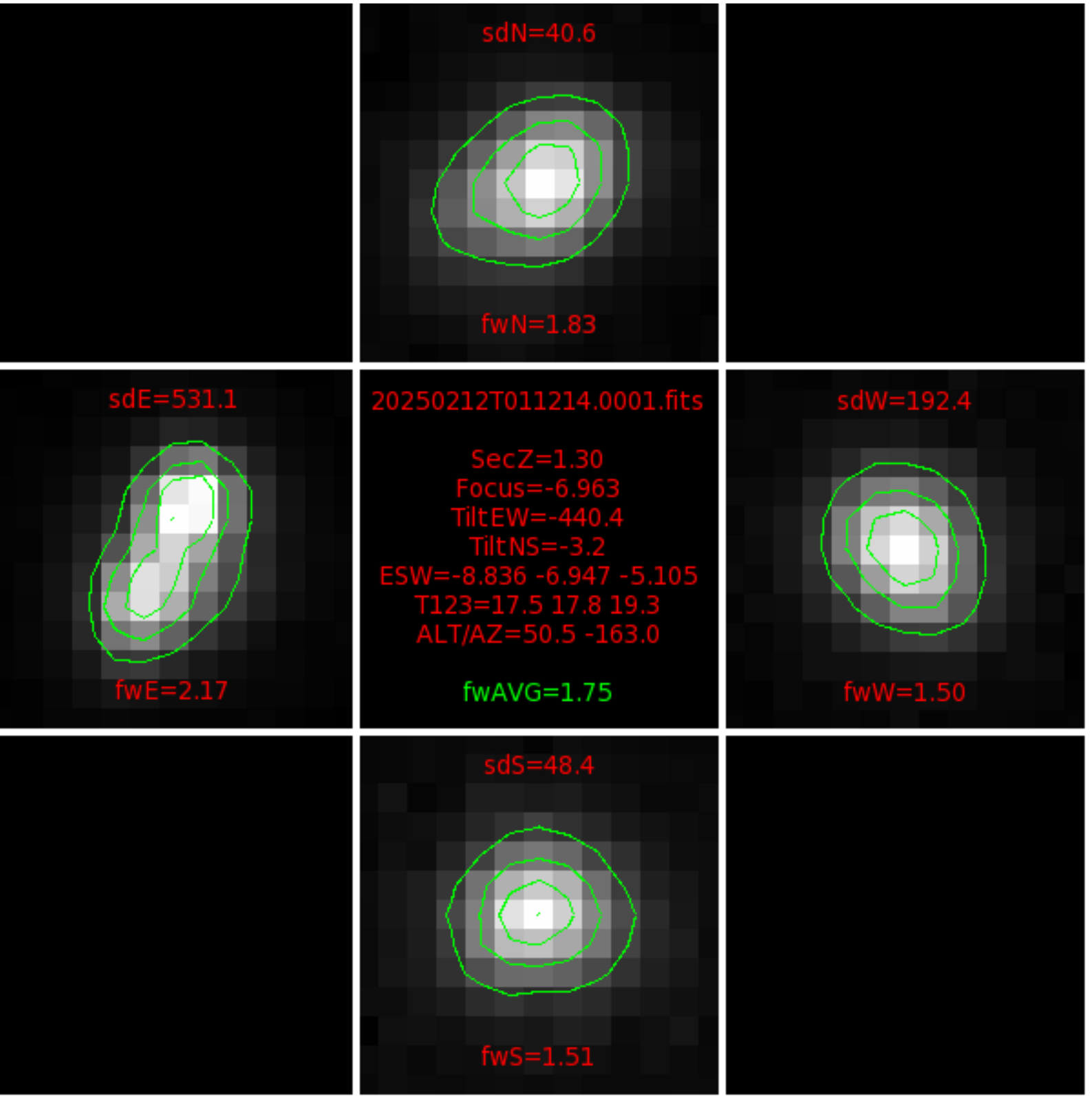
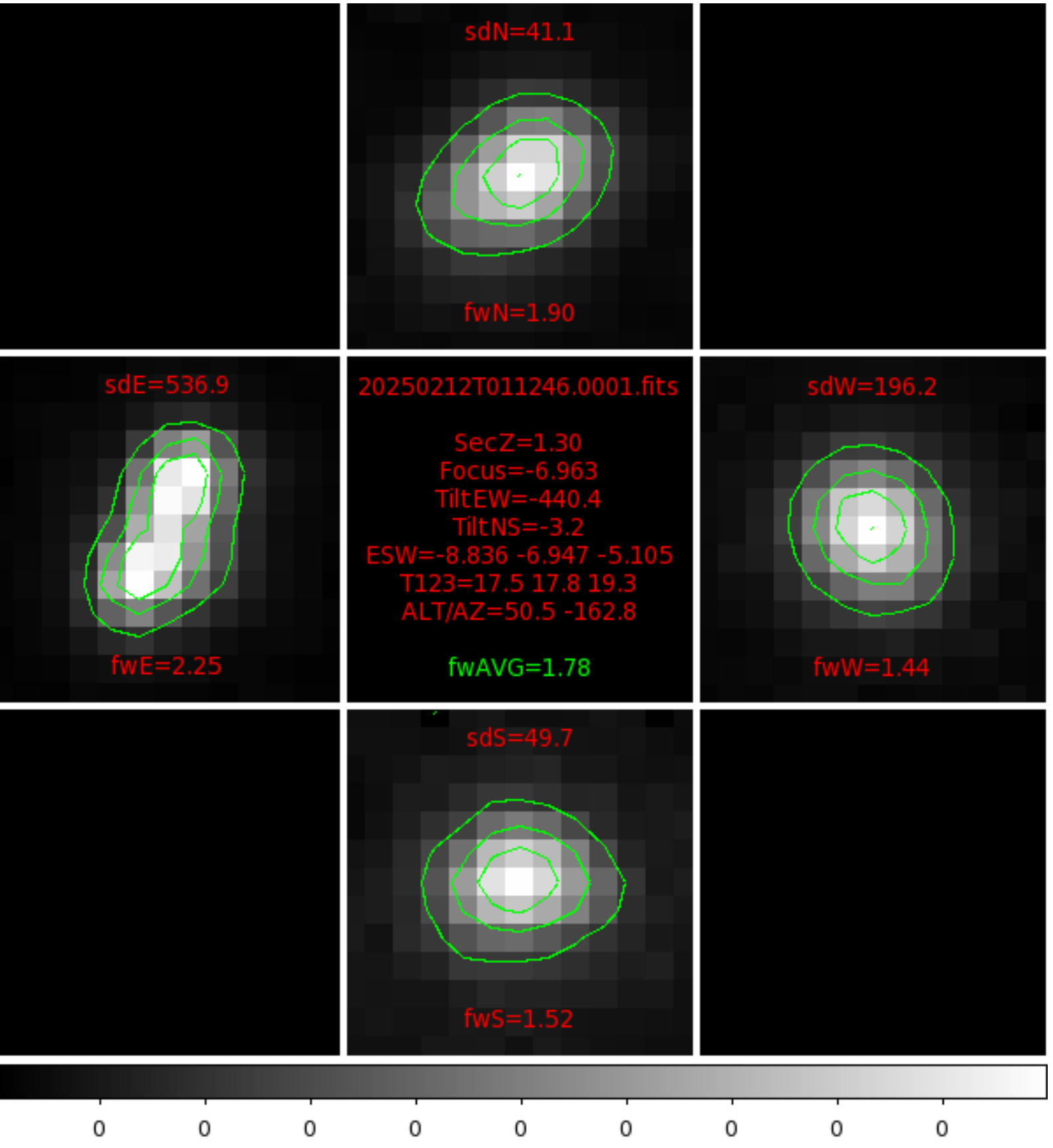

sdN=40.6
fwN=1.83
sdE=531.1
fwE=2.17
20250212T011214.0001.fits
SecZ=1.30
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.5 17.8 19.3
ALT/AZ=50.5 -163.0
fwAVG=1.75
sdW=192.4
fwW=1.50
sdS=48.4
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=41.1
fwN=1.90
sdE=536.9
fwE=2.25
20250212T011246.0001.fits
SecZ=1.30
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.5 17.8 19.3
ALT/AZ=50.5 -162.8
fwAVG=1.78
sdW=196.2
fwW=1.44
sdS=49.7
fwS=1.52
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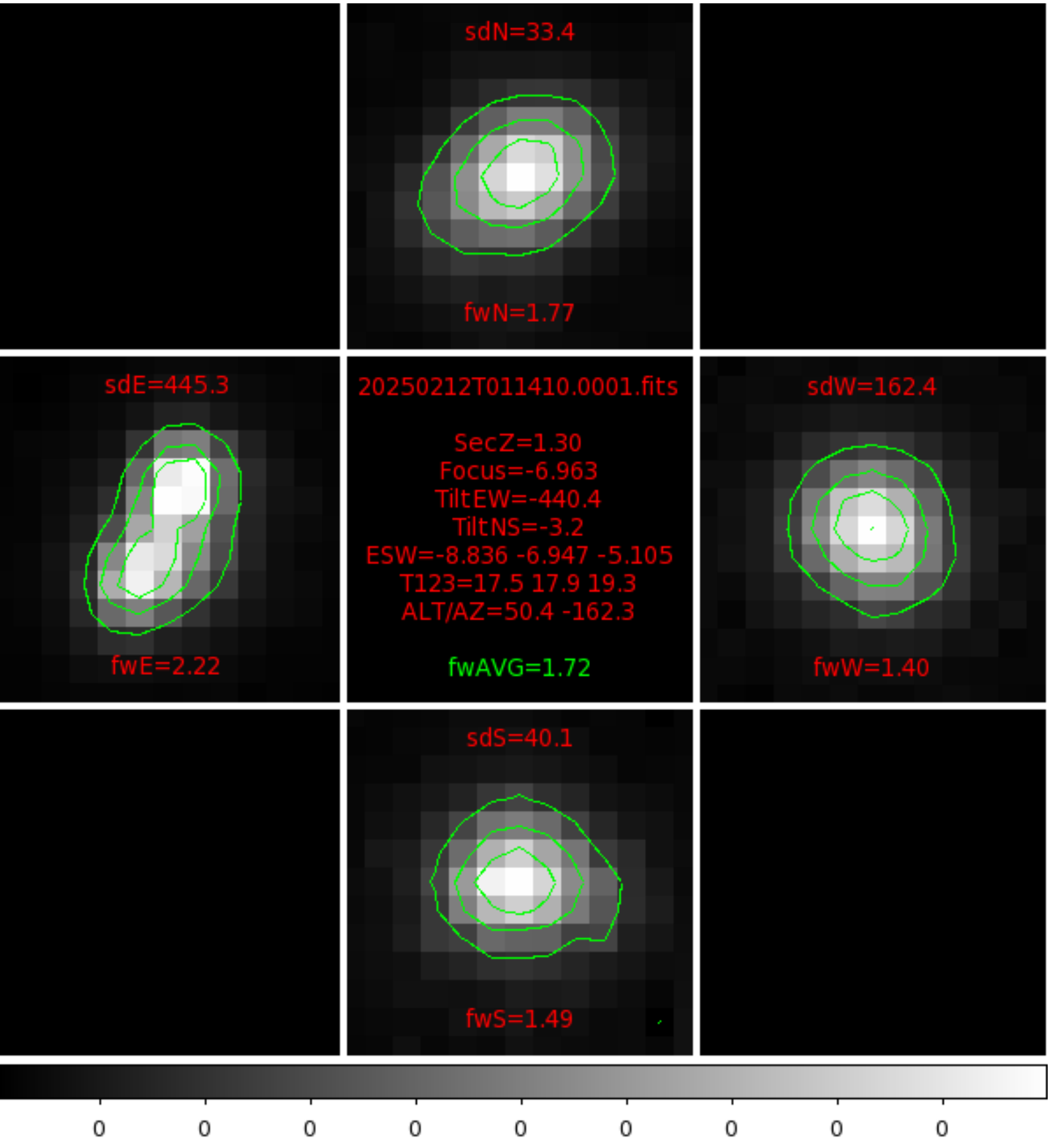
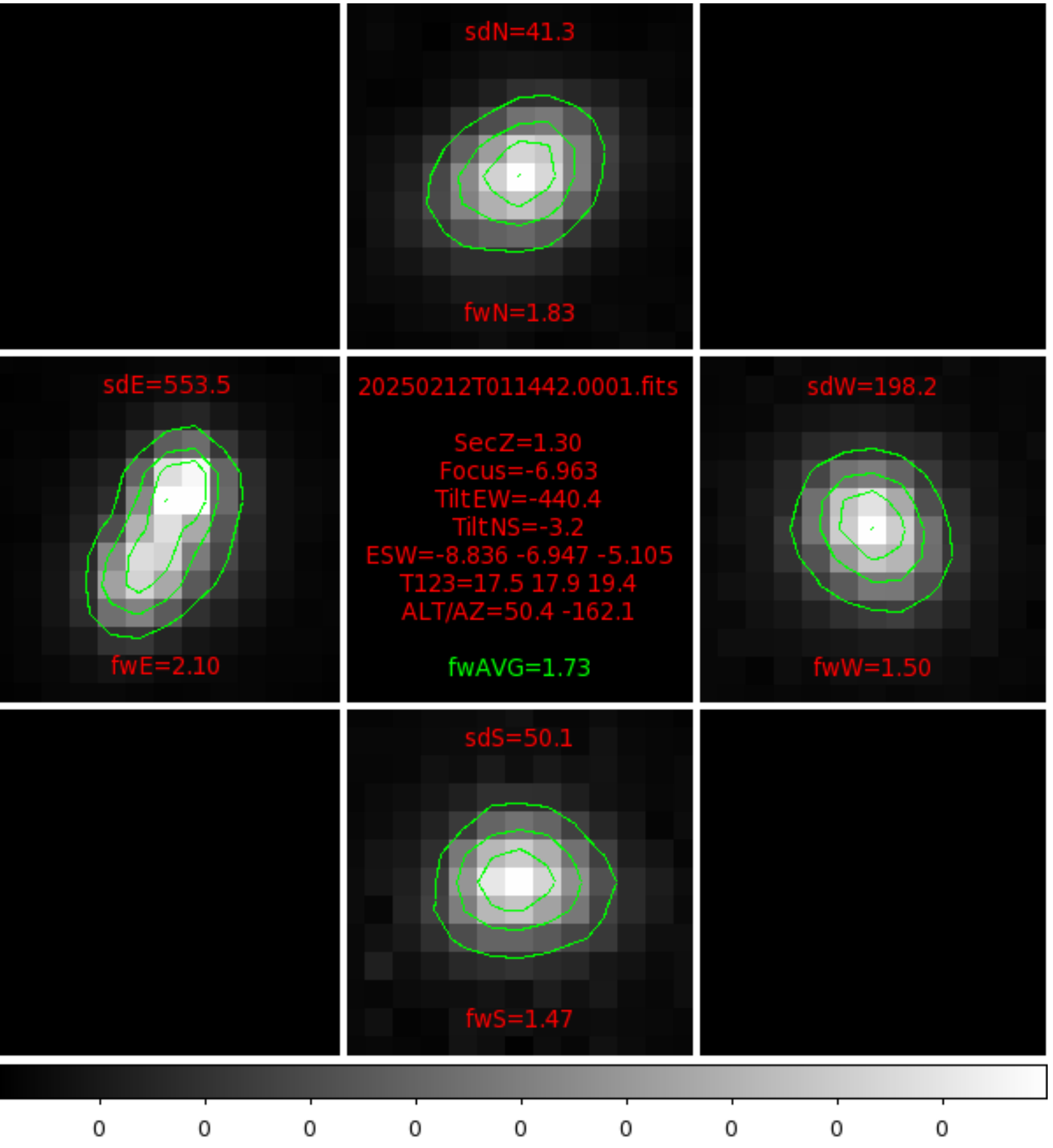

sdN=33.4
fwN=1.77
sdE=445.3
fwE=2.22
20250212T011410.0001.fits
SecZ=1.30
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.5 17.9 19.3
ALT/AZ=50.4 -162.3
fwAVG=1.72
sdW=162.4
fwW=1.40
sdS=40.1
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=41.3
fwN=1.83
sdE=553.5
fwE=2.10
20250212T011442.0001.fits
SecZ=1.30
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.5 17.9 19.4
ALT/AZ=50.4 -162.1
fwAVG=1.73
sdW=198.2
fwW=1.50
sdS=50.1
fwS=1.47
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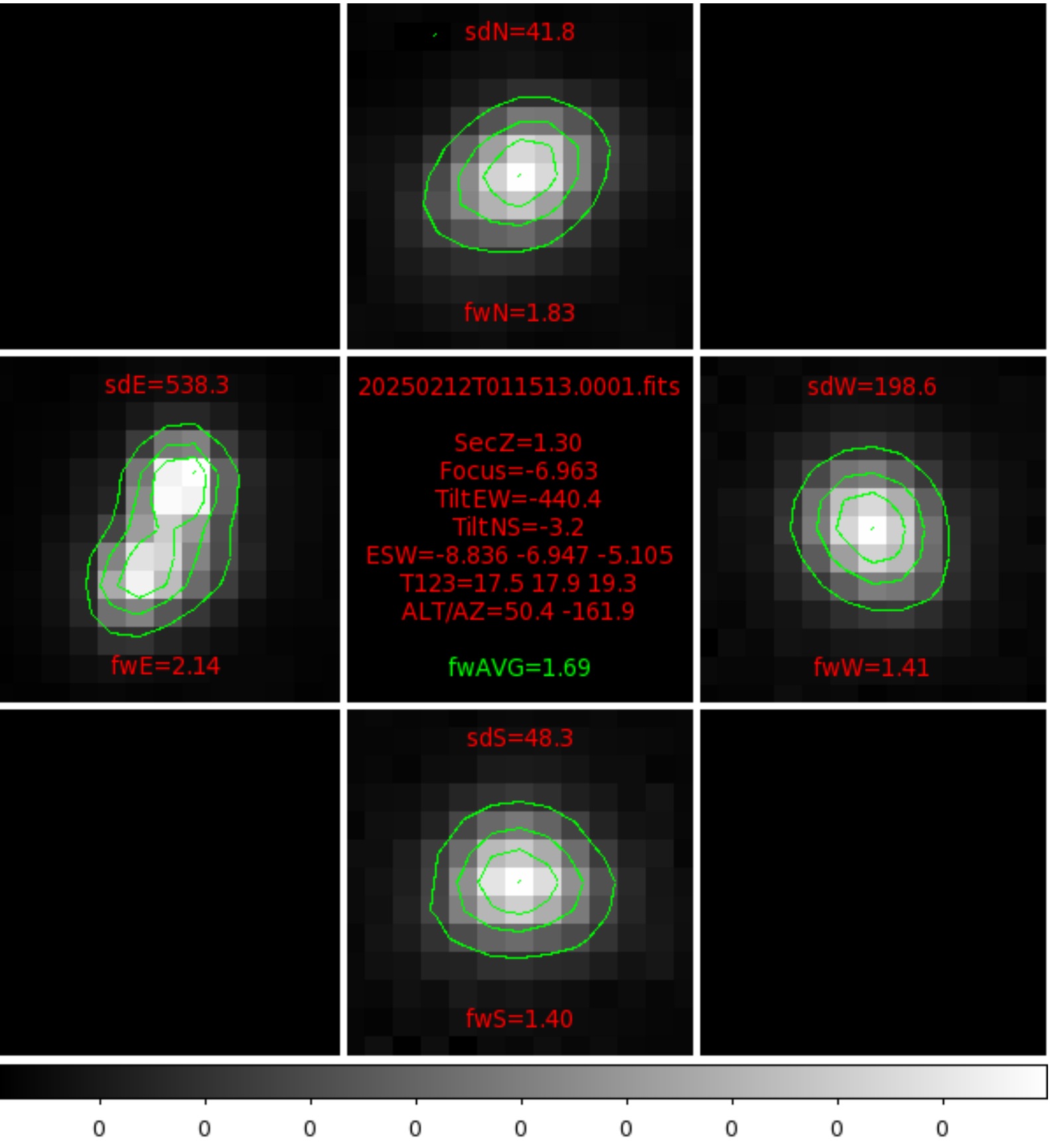
sdN=41.8
fwN=1.83
sdE=538.3
fwE=2.14
20250212T011513.0001.fits
SecZ=1.30
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.5 17.9 19.3
ALT/AZ=50.4 -161.9
fwAVG=1.69
sdW=198.6
fwW=1.41
sdS=48.3
fwS=1.40
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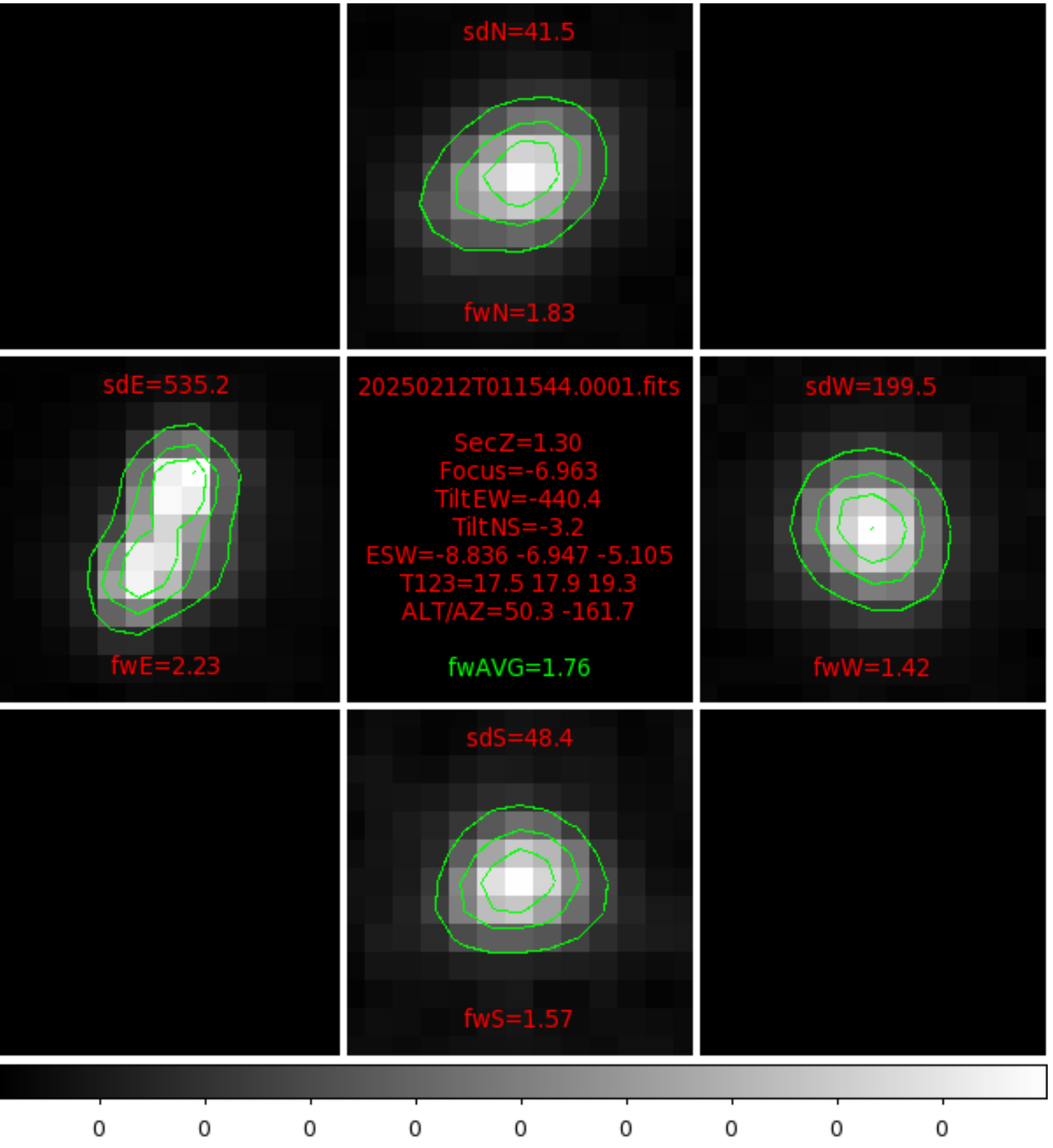
sdN=41.5
fwN=1.83
sdE=535.2
fwE=2.23
20250212T011544.0001.fits
SecZ=1.30
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.5 17.9 19.3
ALT/AZ=50.3 -161.7
fwAVG=1.76
sdW=199.5
fwW=1.42
sdS=48.4
fwS=1.57
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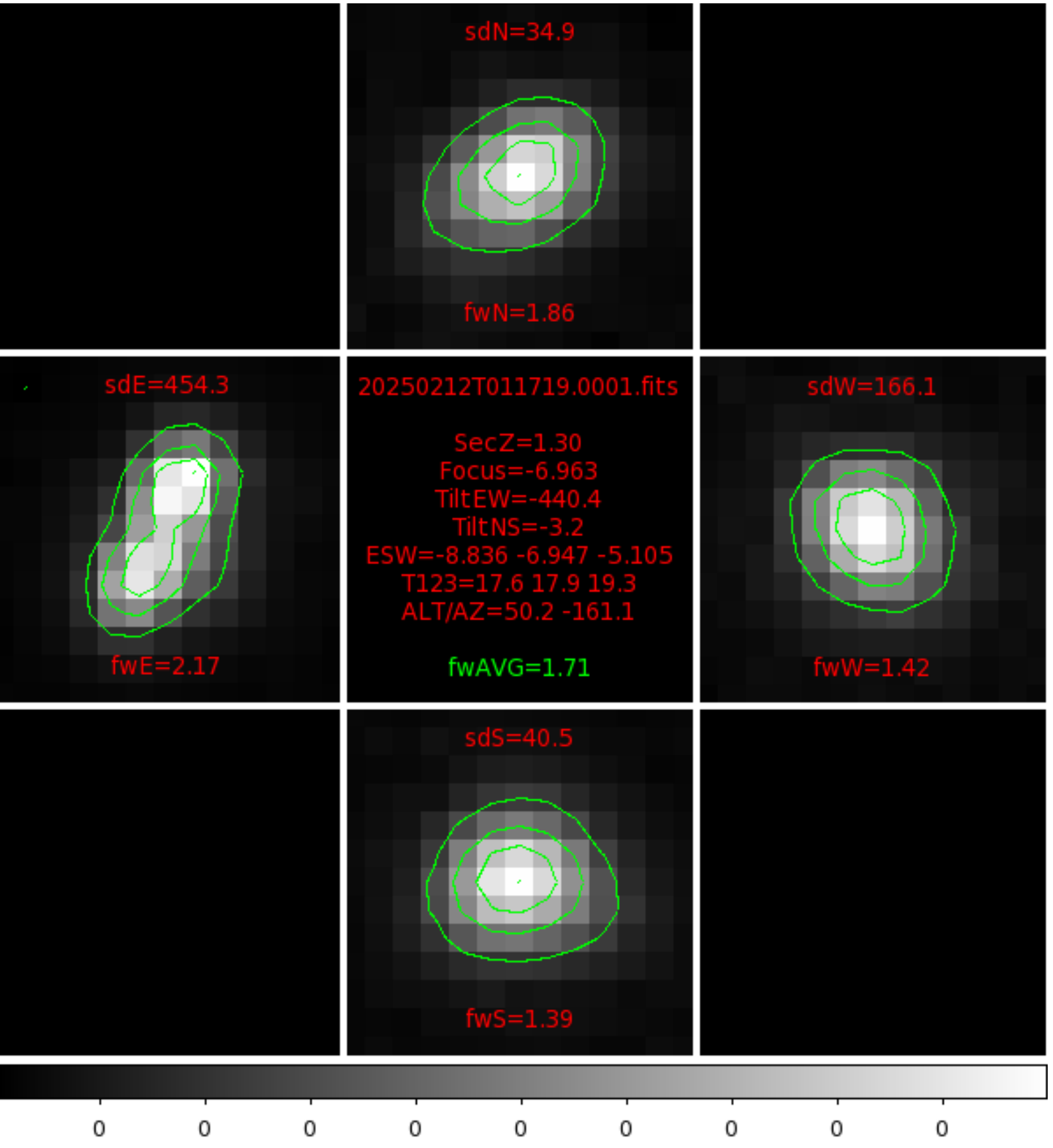
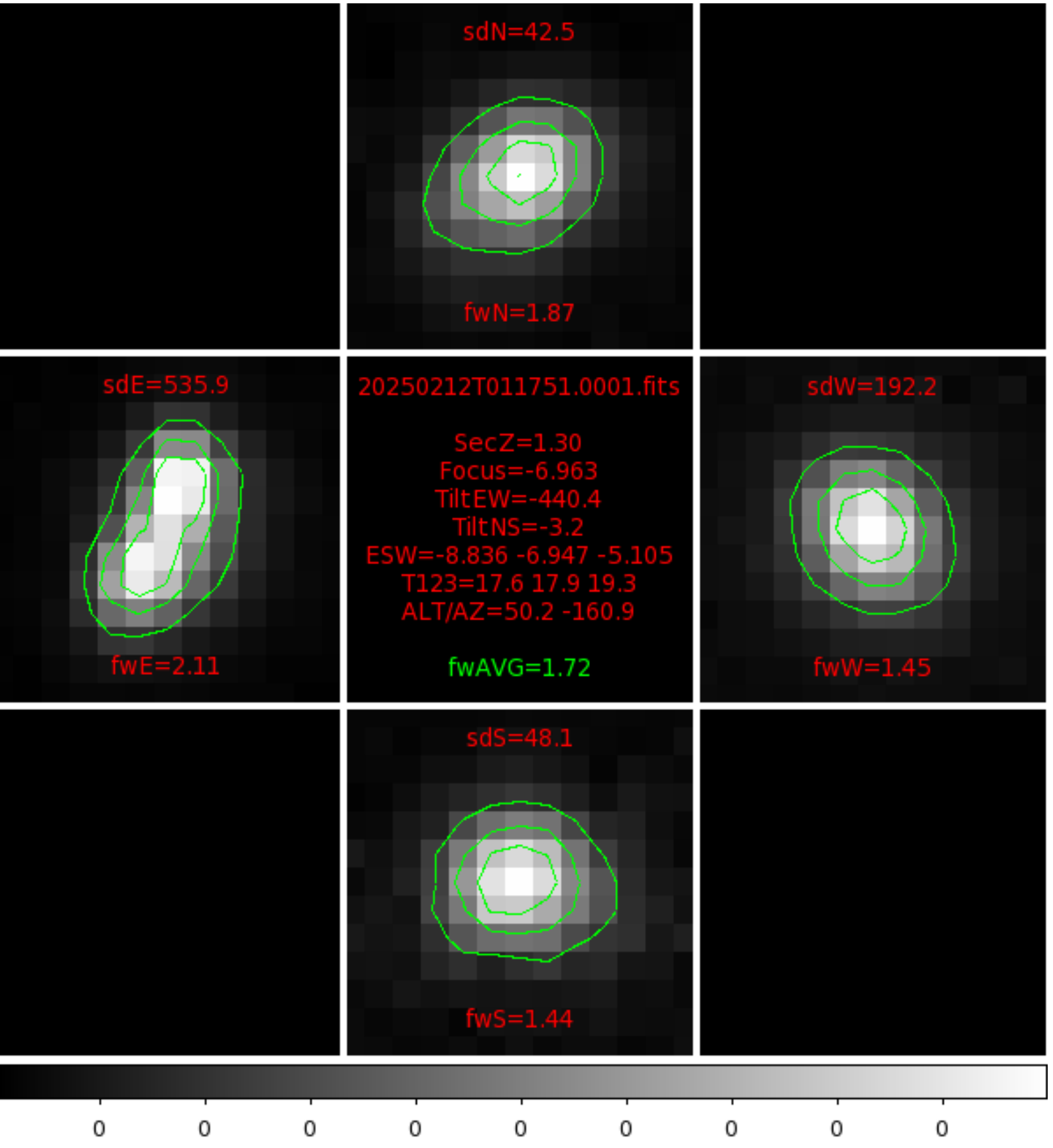
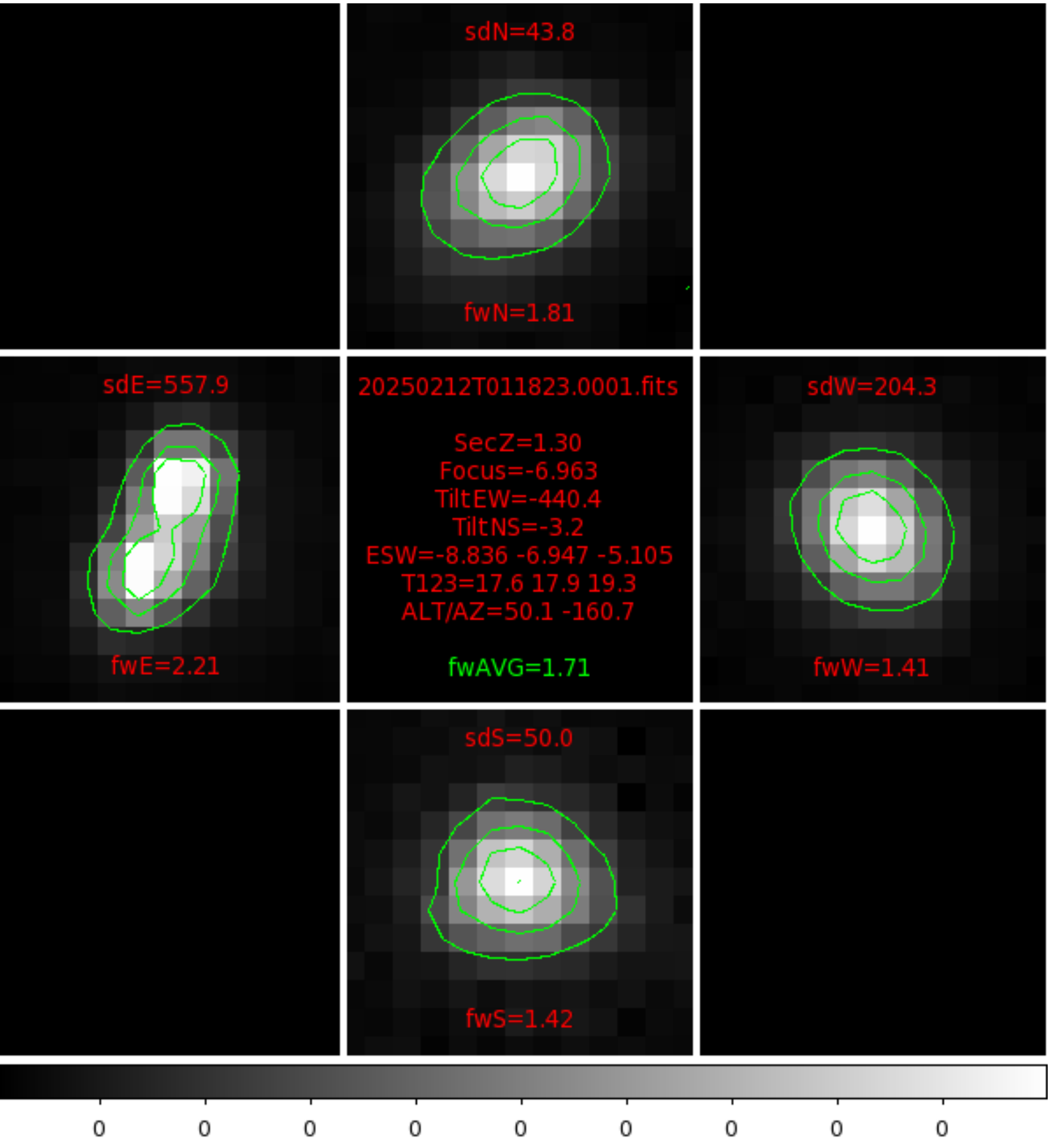
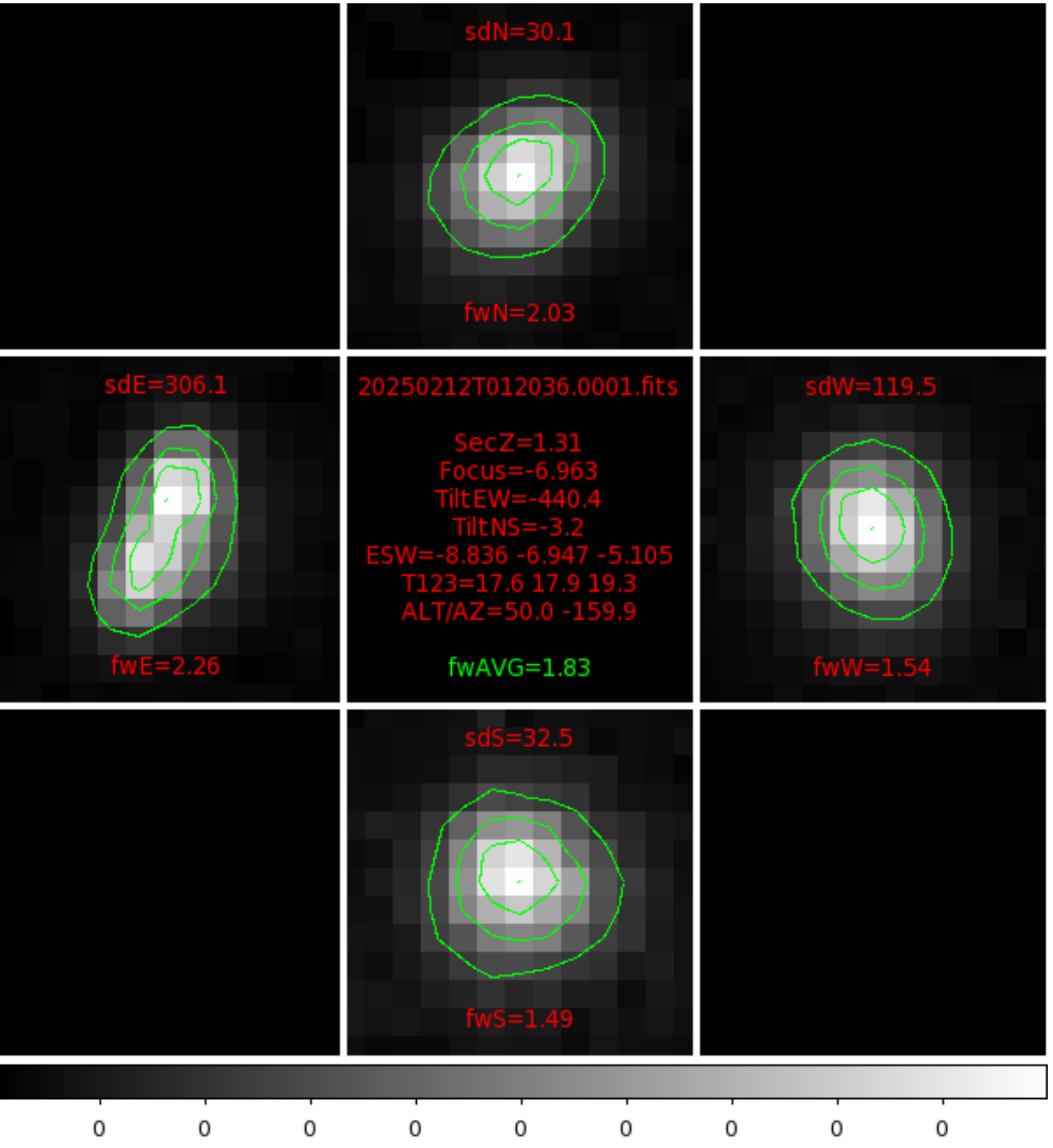
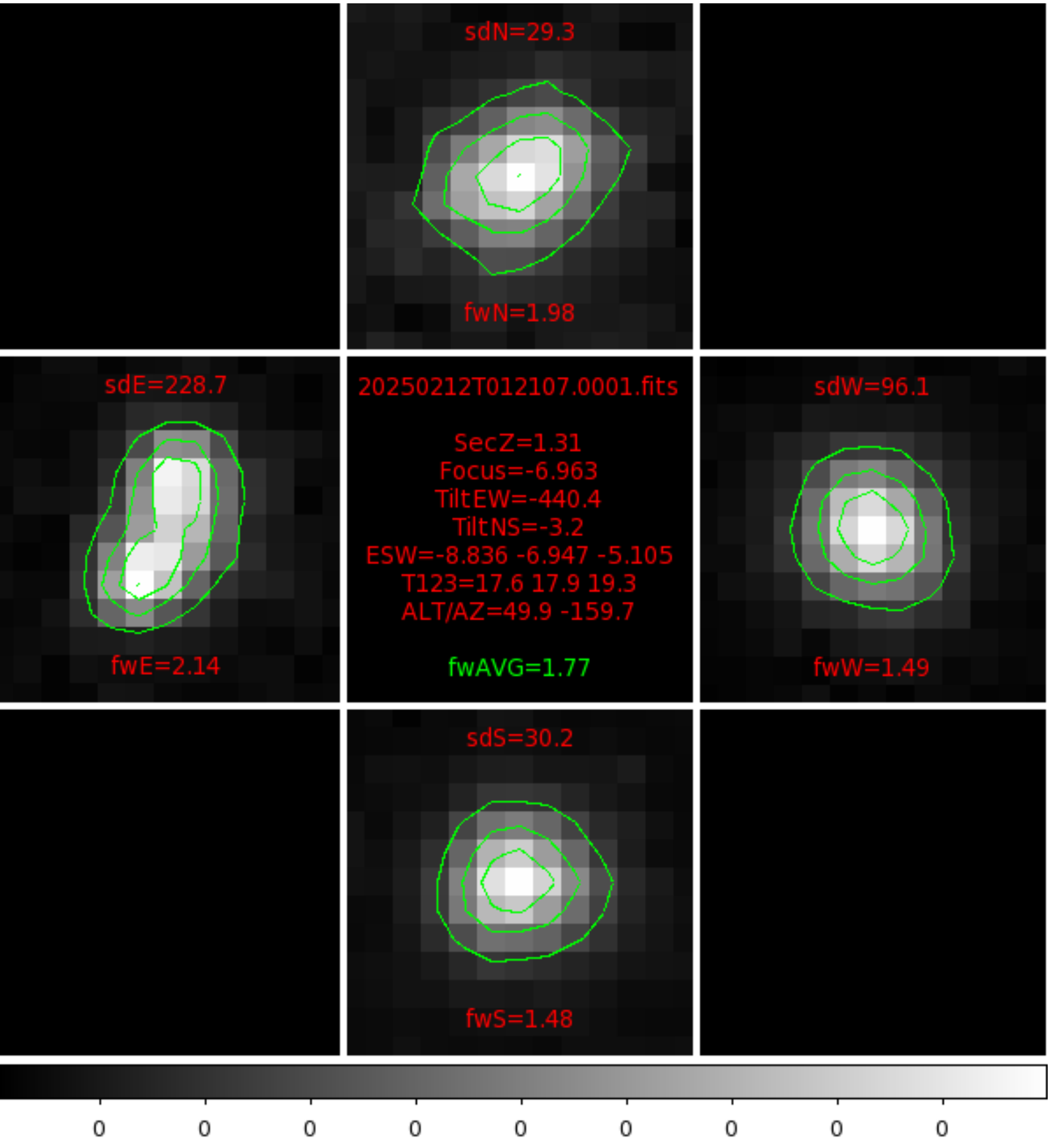
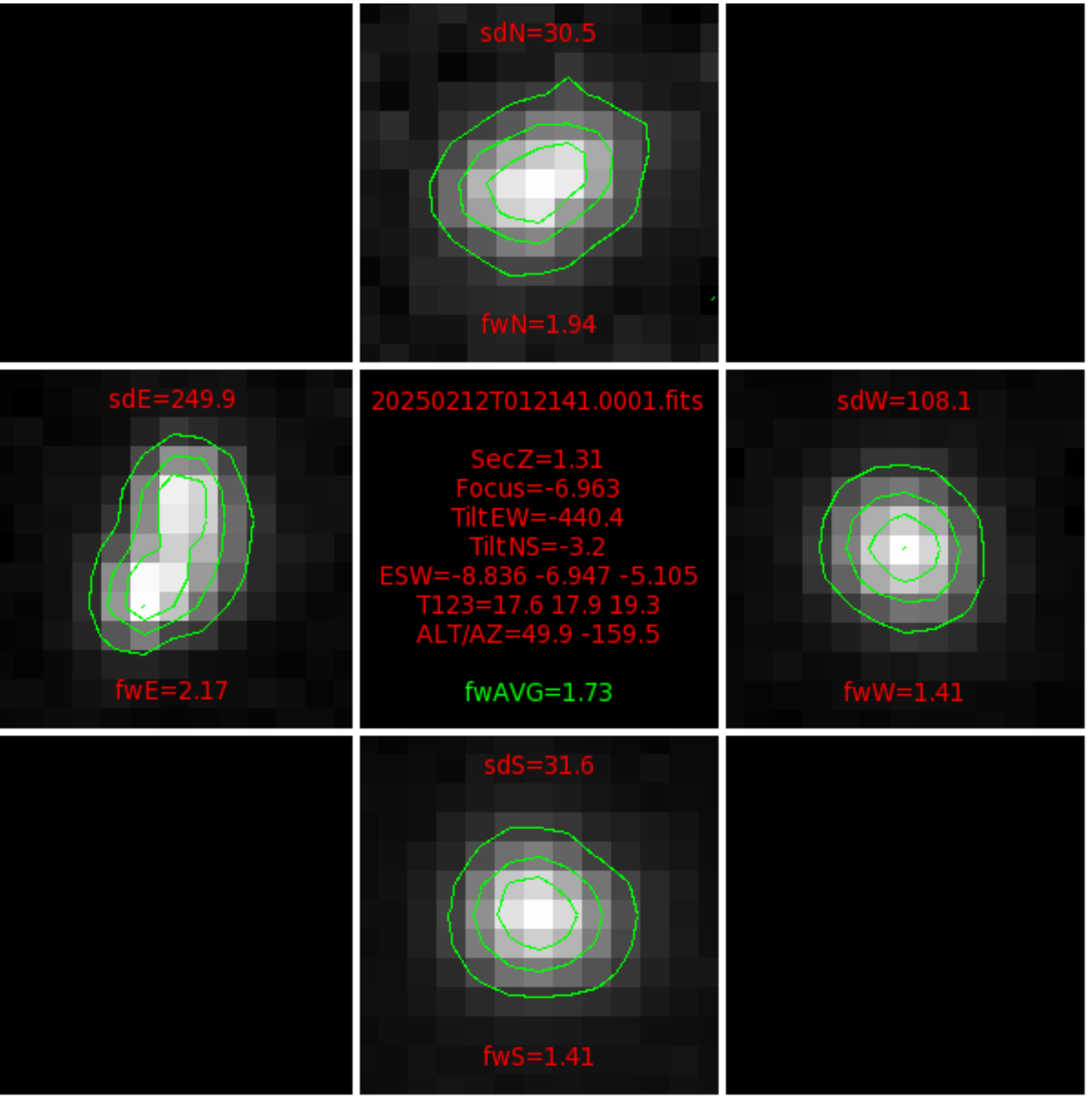

sdN=34.9
fwN=1.86
sdE=454.3
fwE=2.17
20250212T011719.0001.fits
SecZ=1.30
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=50.2 -161.1
fwAVG=1.71
sdW=166.1
fwW=1.42
sdS=40.5
fwS=1.39
0 0 0 0 0 0 0 0 0

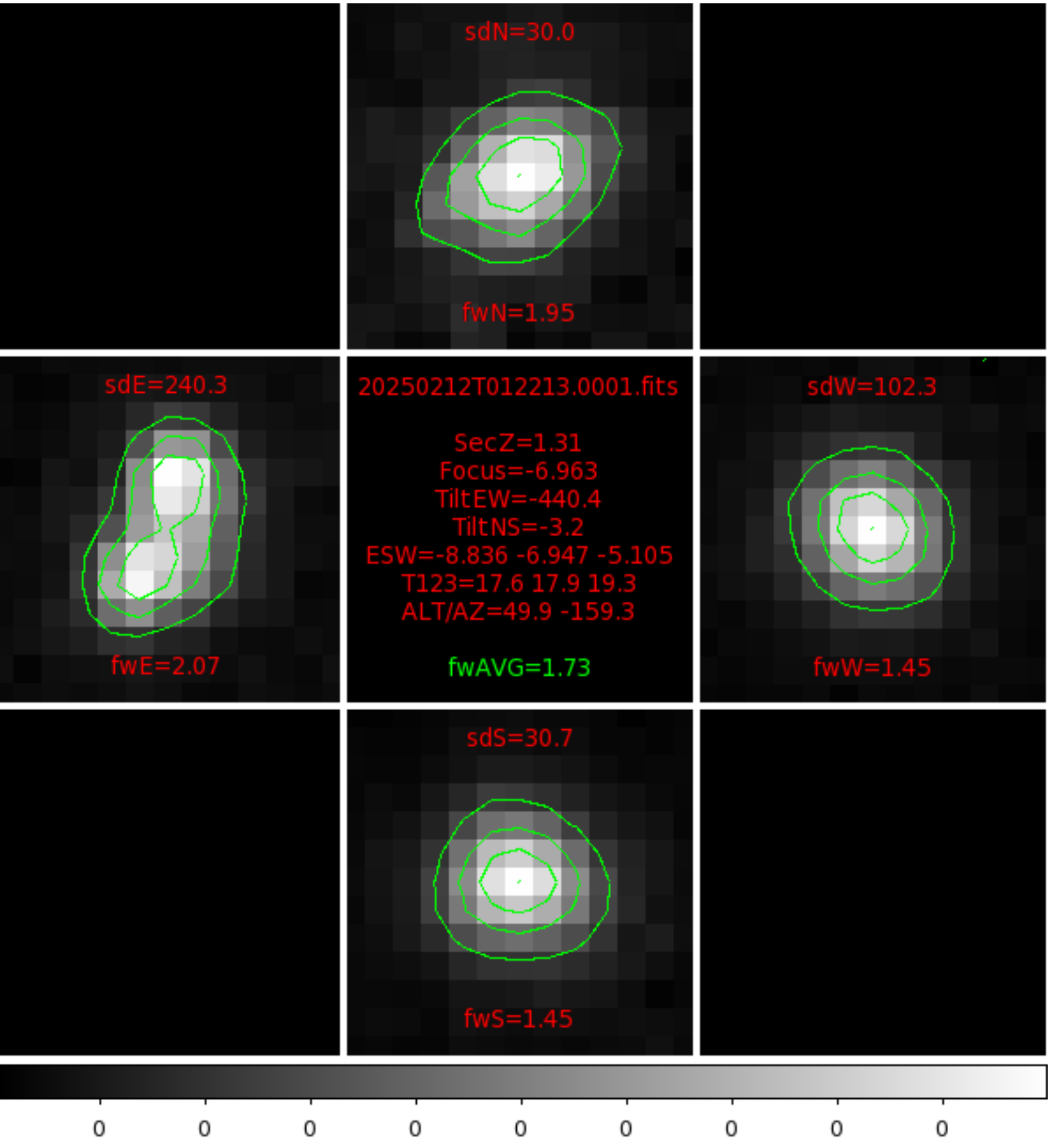

sdN=42.5
fwN=1.87
sdE=535.9
fwE=2.11
20250212T011751.0001.fits
SecZ=1.30
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=50.2 -160.9
fwAVG=1.72
sdW=192.2
fwW=1.45
sdS=48.1
fwS=1.44
0 0 0 0 0 0 0 0 0

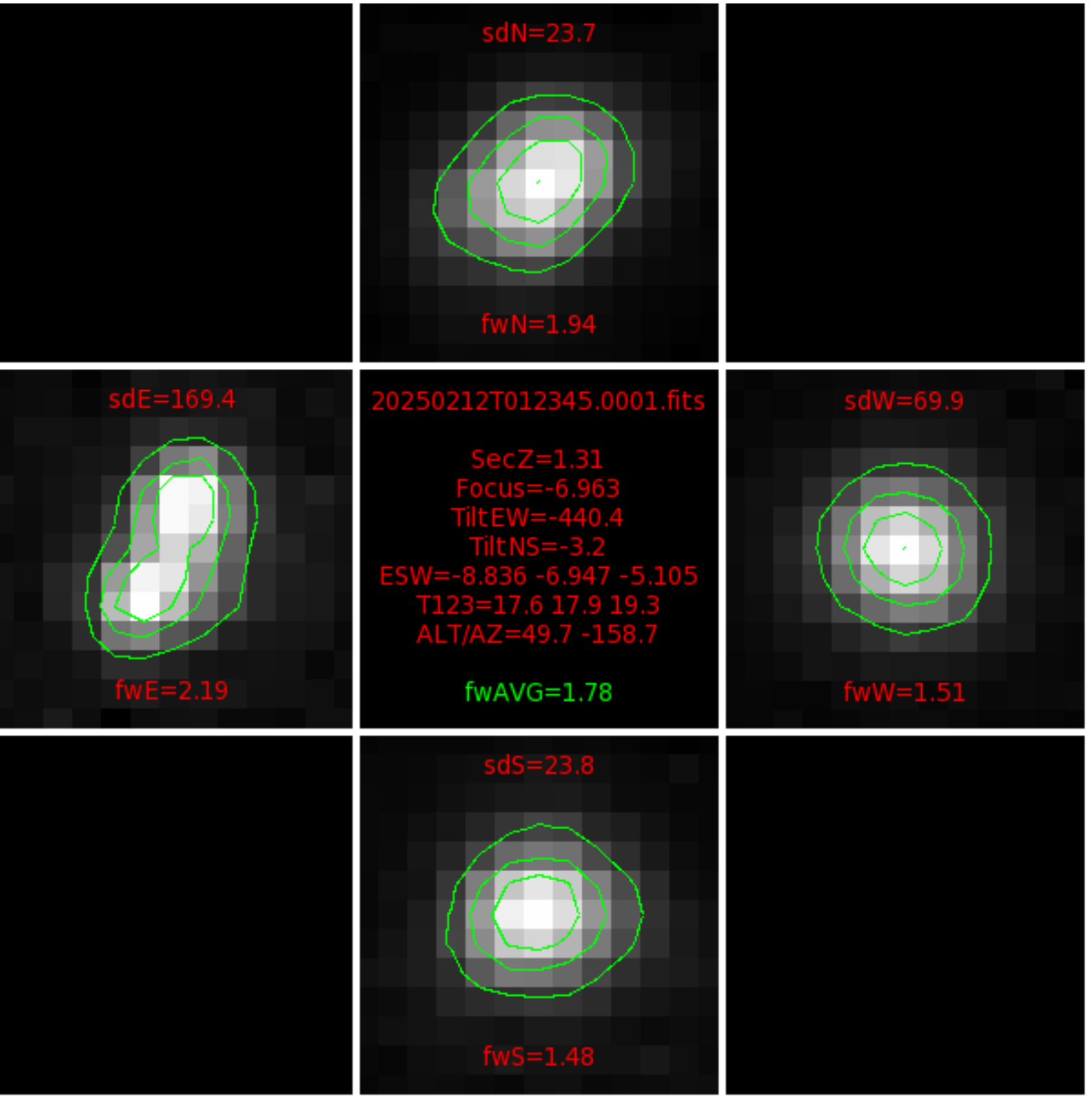

sdN=43.8
fwN=1.81
sdE=557.9
fwE=2.21
20250212T011823.0001.fits
SecZ=1.30
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=50.1 -160.7
fwAVG=1.71
sdW=204.3
fwW=1.41
sdS=50.0
fwS=1.42
0 0 0 0 0 0 0 0 0

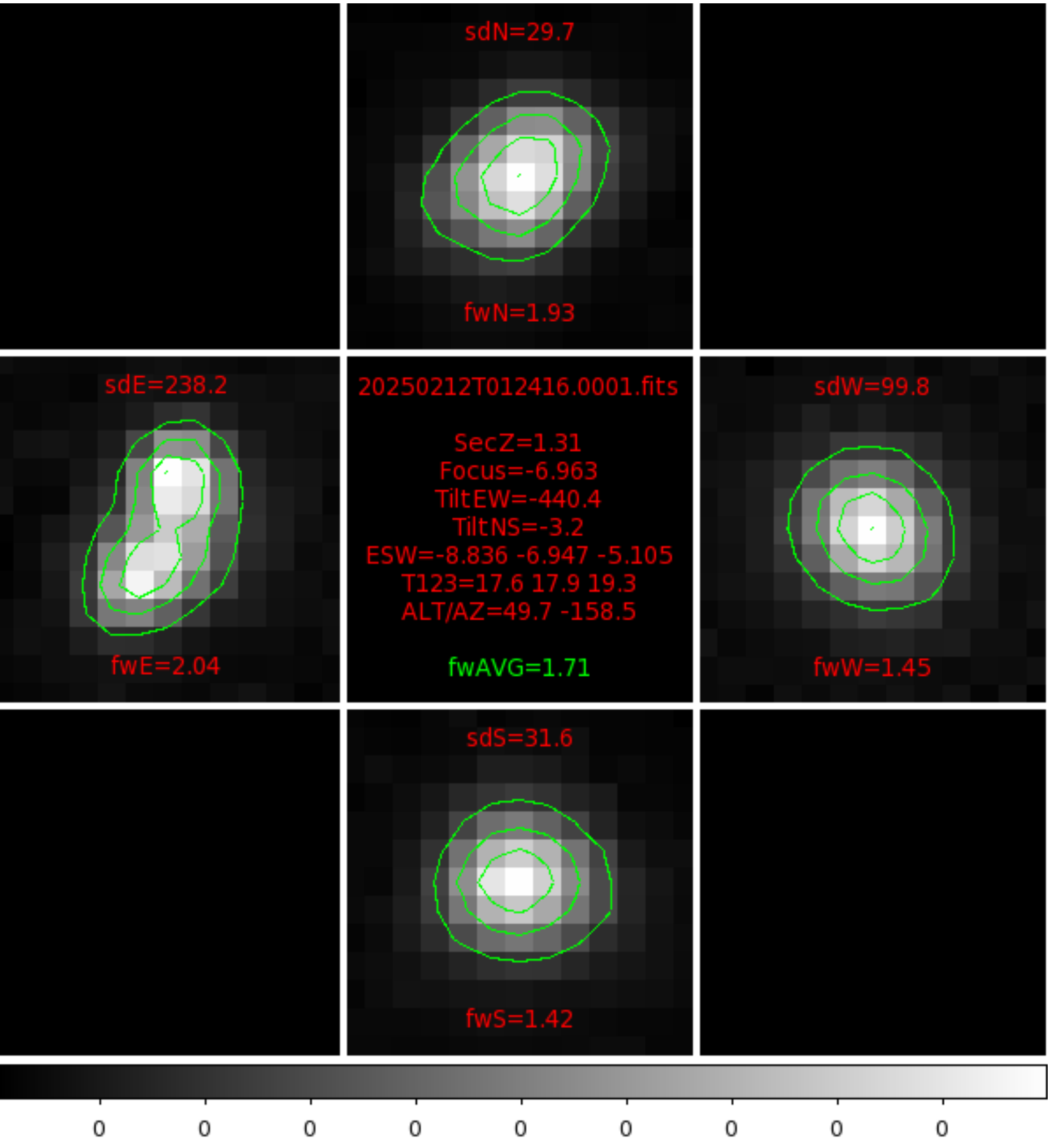

sdN=30.1
fwN=2.03
sdE=306.1
fwE=2.26
20250212T012036.0001.fits
SecZ=1.31
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=50.0 -159.9
fwAVG=1.83
sdW=119.5
fwW=1.54
sdS=32.5
fwS=1.49
0 0 0 0 0 0 0 0 0

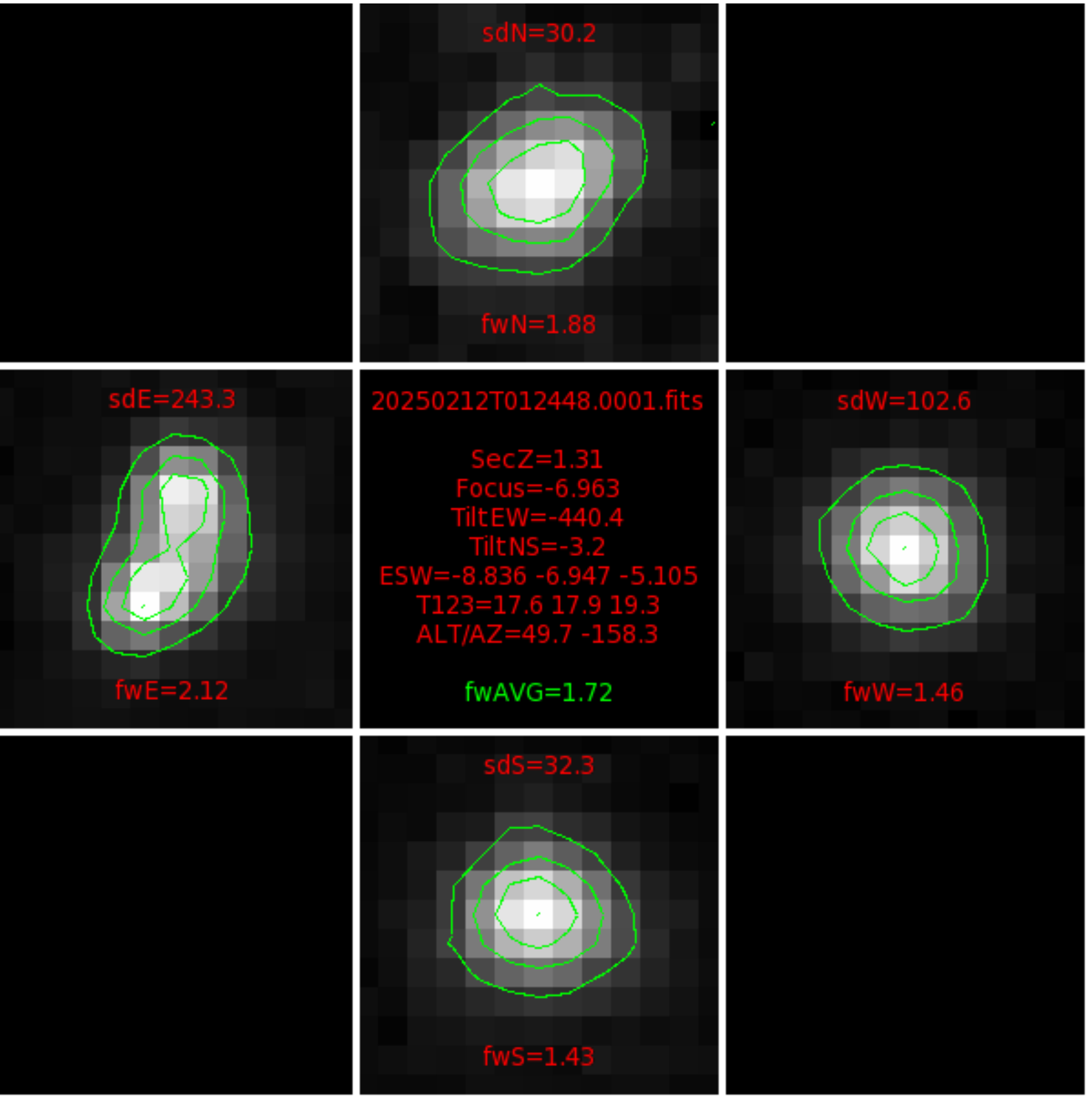

sdN=29.3
fwN=1.98
sdE=228.7
fwE=2.14
20250212T012107.0001.fits
SecZ=1.31
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.9 -159.7
fwAVG=1.77
sdW=96.1
fwW=1.49
sdS=30.2
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=30.5
fwN=1.94
sdE=249.9
fwE=2.17
20250212T012141.0001.fits
SecZ=1.31
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.9 -159.5
fwAVG=1.73
sdW=108.1
fwW=1.41
sdS=31.6
fwS=1.41
0 0 0 0 0 0 0 0 0


sdN=30.0
fwN=1.95
sdE=240.3
fwE=2.07
20250212T012213.0001.fits
SecZ=1.31
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.9 -159.3
fwAVG=1.73
sdW=102.3
fwW=1.45
sdS=30.7
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=23.7
fwN=1.94
sdE=169.4
fwE=2.19
20250212T012345.0001.fits
SecZ=1.31
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.7 -158.7
fwAVG=1.78
sdW=69.9
fwW=1.51
sdS=23.8
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=29.7
fwN=1.93
sdE=238.2
fwE=2.04
20250212T012416.0001.fits
SecZ=1.31
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.7 -158.5
fwAVG=1.71
sdW=99.8
fwW=1.45
sdS=31.6
fwS=1.42
0 0 0 0 0 0 0 0 0


sdN=30.2
fwN=1.88
sdE=243.3
fwE=2.12
20250212T012448.0001.fits
SecZ=1.31
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.7 -158.3
fwAVG=1.72
sdW=102.6
fwW=1.46
sdS=32.3
fwS=1.43
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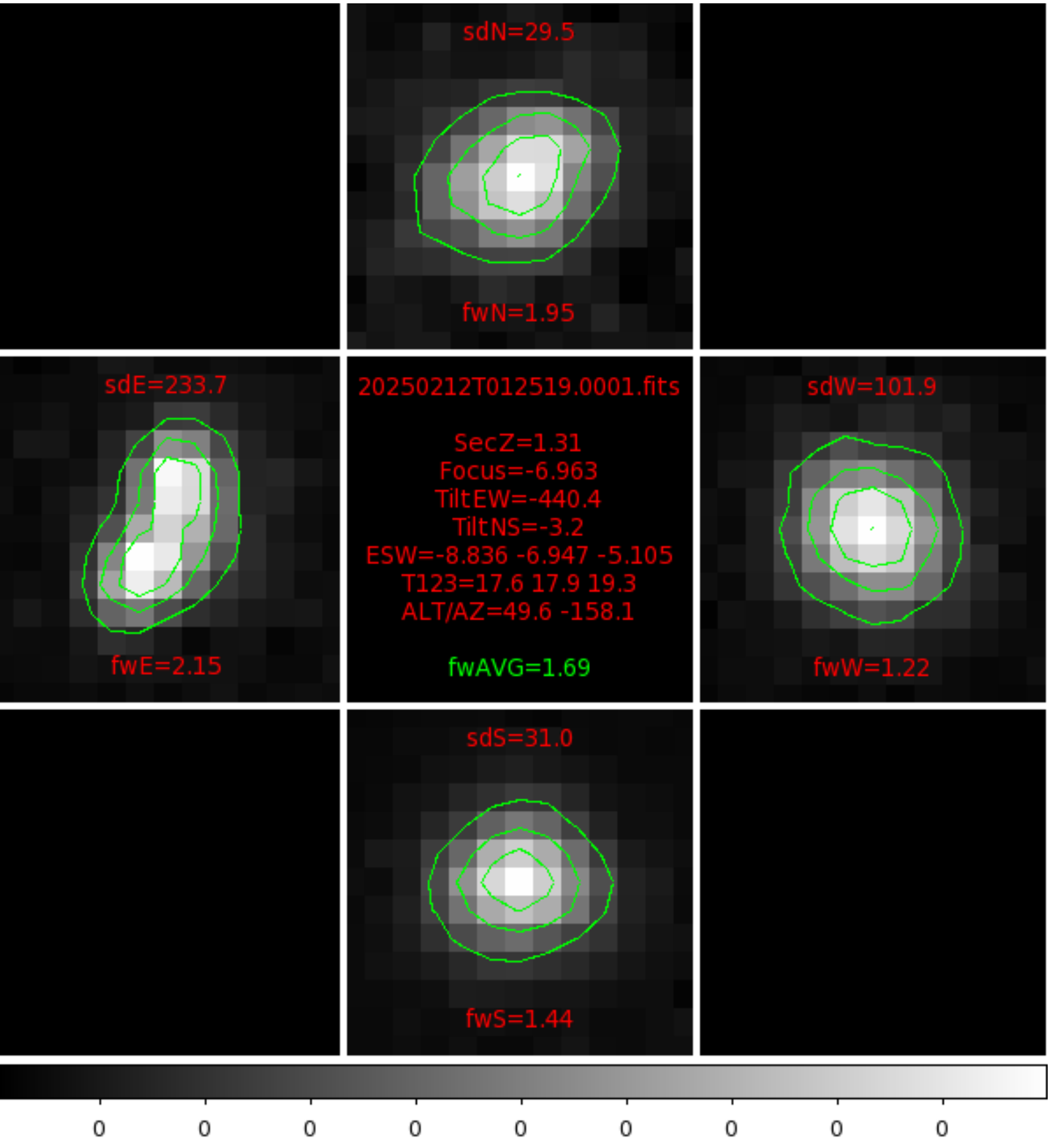
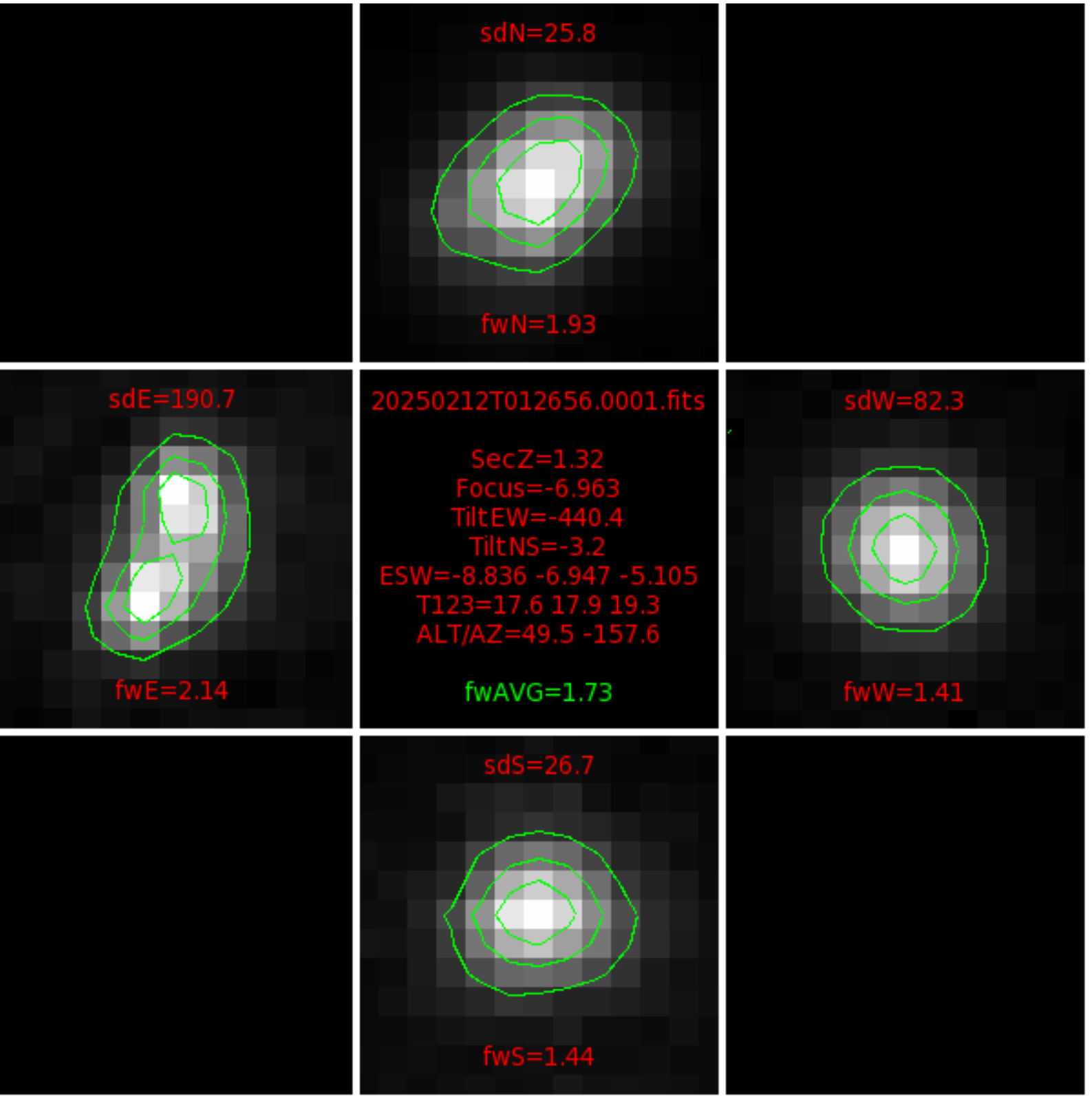
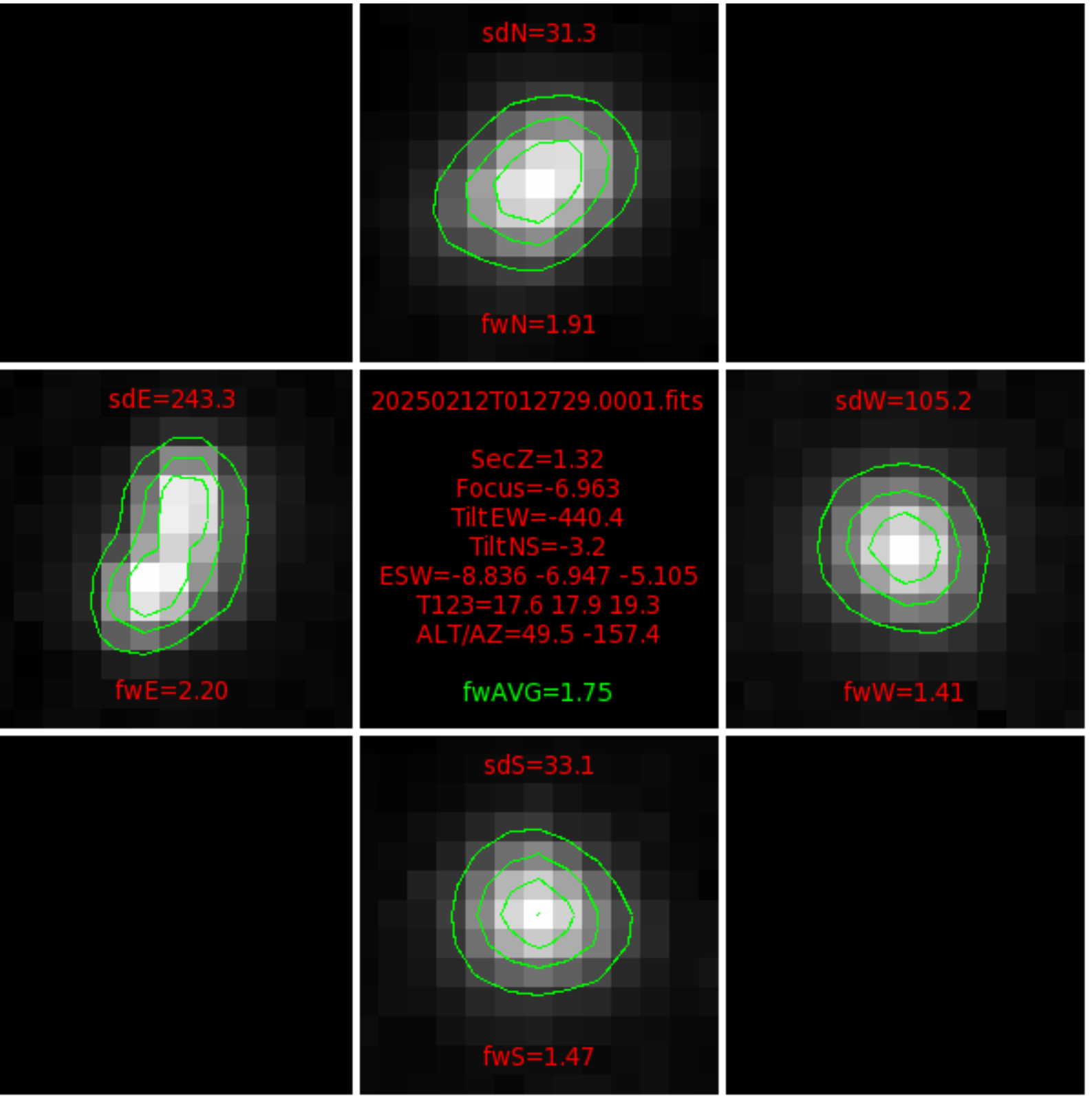

sdN=29.5
fwN=1.95
sdE=233.7
fwE=2.15
20250212T012519.0001.fits
SecZ=1.31
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.6 -158.1
fwAVG=1.69
sdW=101.9
fwW=1.22
sdS=31.0
fwS=1.44
0 0 0 0 0 0 0 0 0


sdN=25.8
fwN=1.93
sdE=190.7
fwE=2.14
20250212T012656.0001.fits
SecZ=1.32
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.5 -157.6
fwAVG=1.73
sdW=82.3
fwW=1.41
sdS=26.7
fwS=1.44
0 0 0 0 0 0 0 0 0


sdN=31.3
fwN=1.91
sdE=243.3
fwE=2.20
20250212T012729.0001.fits
SecZ=1.32
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.5 -157.4
fwAVG=1.75
sdW=105.2
fwW=1.41
sdS=33.1
fwS=1.47
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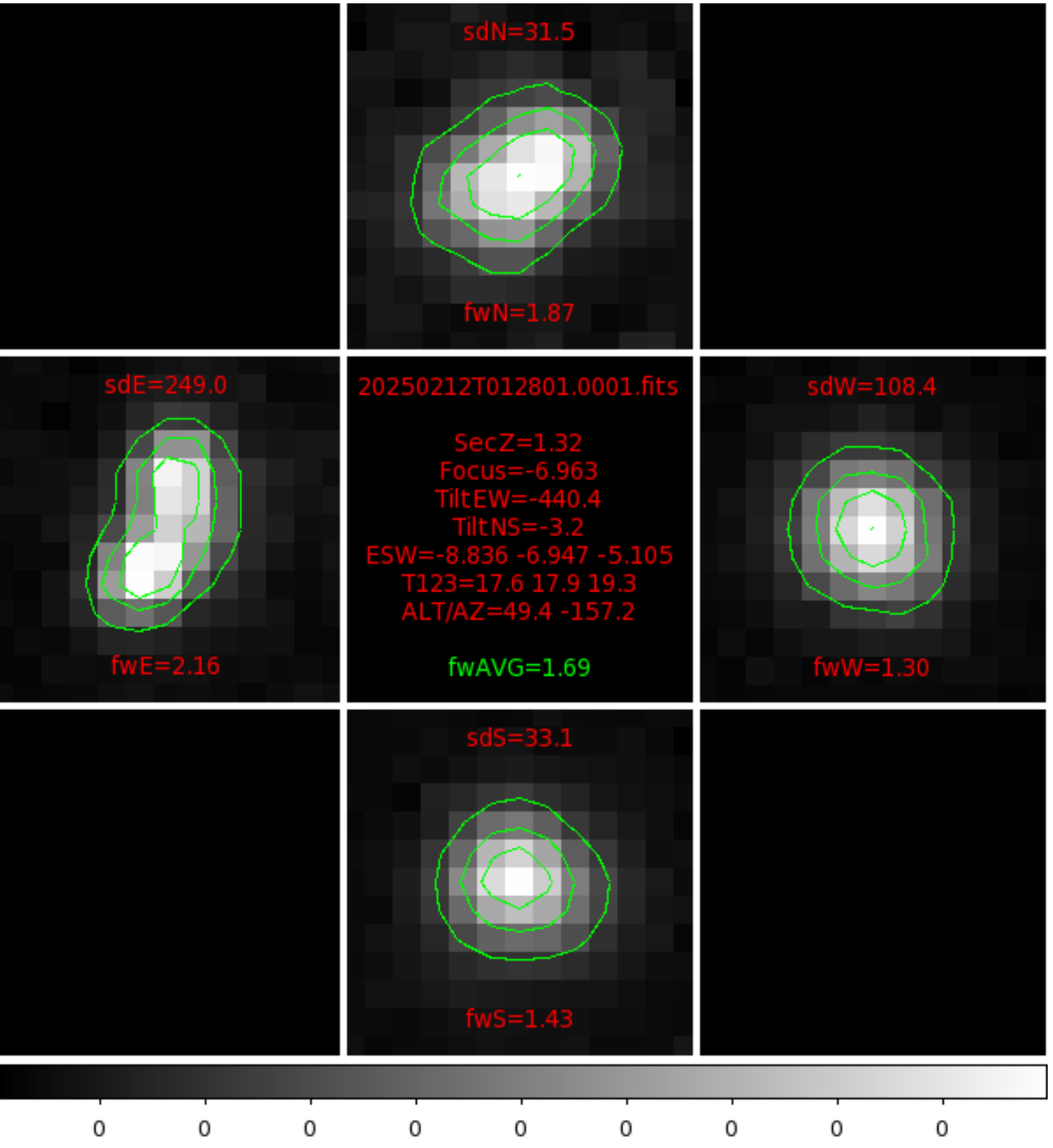
sdN=31.5
fwN=1.87
sdE=249.0
fwE=2.16
20250212T012801.0001.fits
SecZ=1.32
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.4 -157.2
fwAVG=1.69
sdW=108.4
fwW=1.30
sdS=33.1
fwS=1.43
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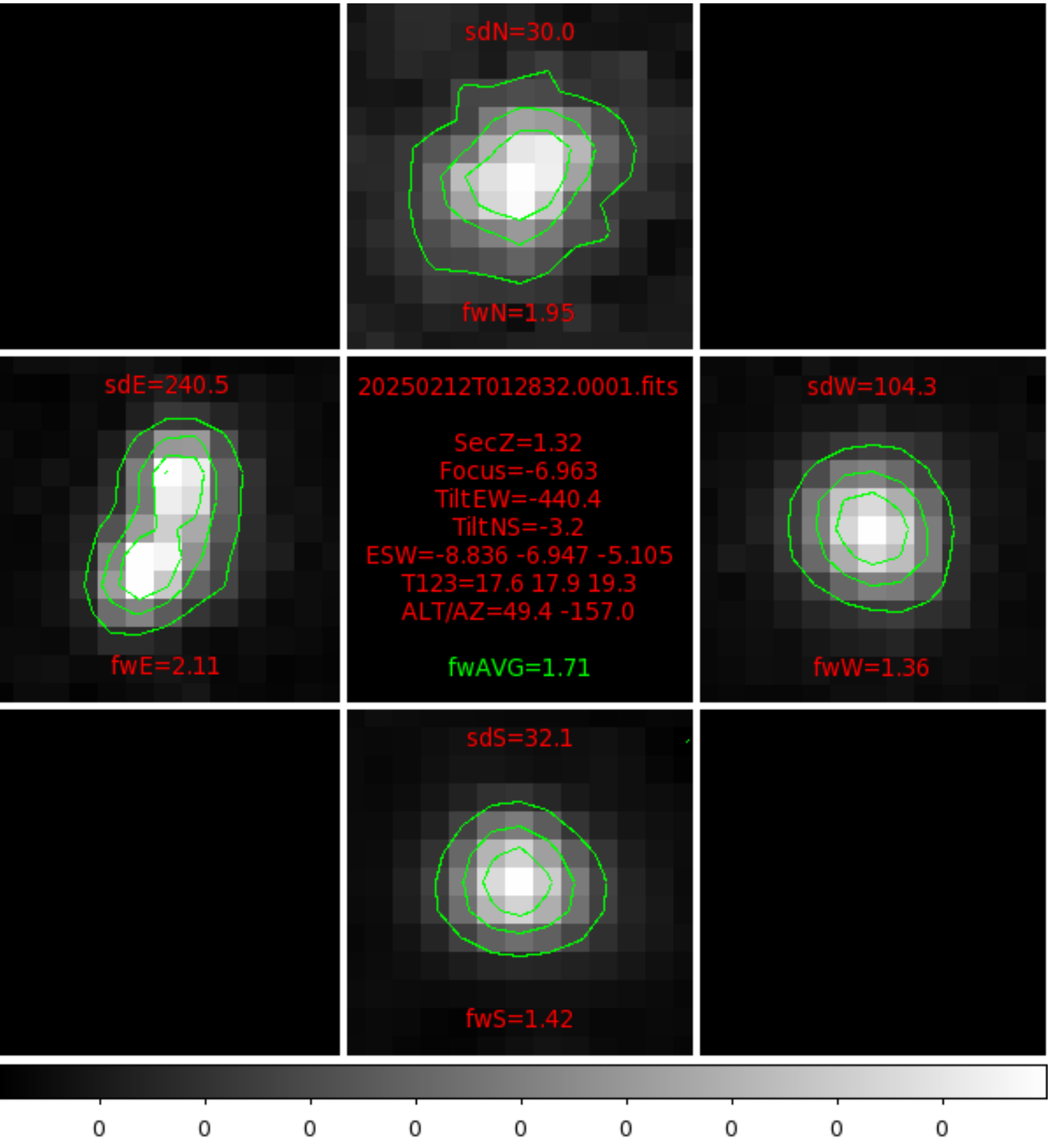
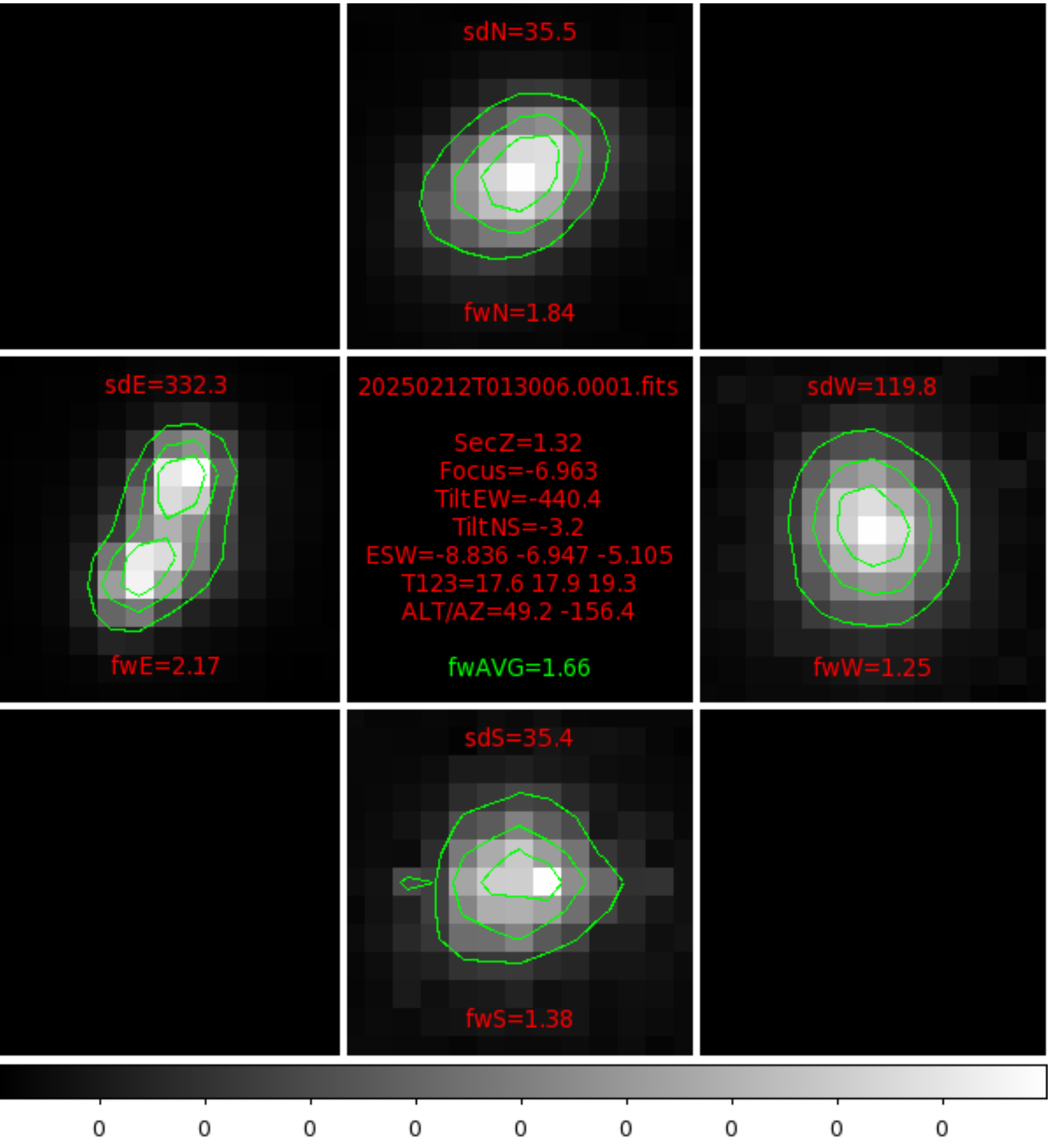

sdN=30.0
fwN=1.95
sdE=240.5
fwE=2.11
20250212T012832.0001.fits
SecZ=1.32
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.4 -157.0
fwAVG=1.71
sdW=104.3
fwW=1.36
sdS=32.1
fwS=1.42
0 0 0 0 0 0 0 0 0


sdN=35.5
fwN=1.84
sdE=332.3
fwE=2.17
20250212T013006.0001.fits
SecZ=1.32
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.2 -156.4
fwAVG=1.66
sdW=119.8
fwW=1.25
sdS=35.4
fwS=1.38
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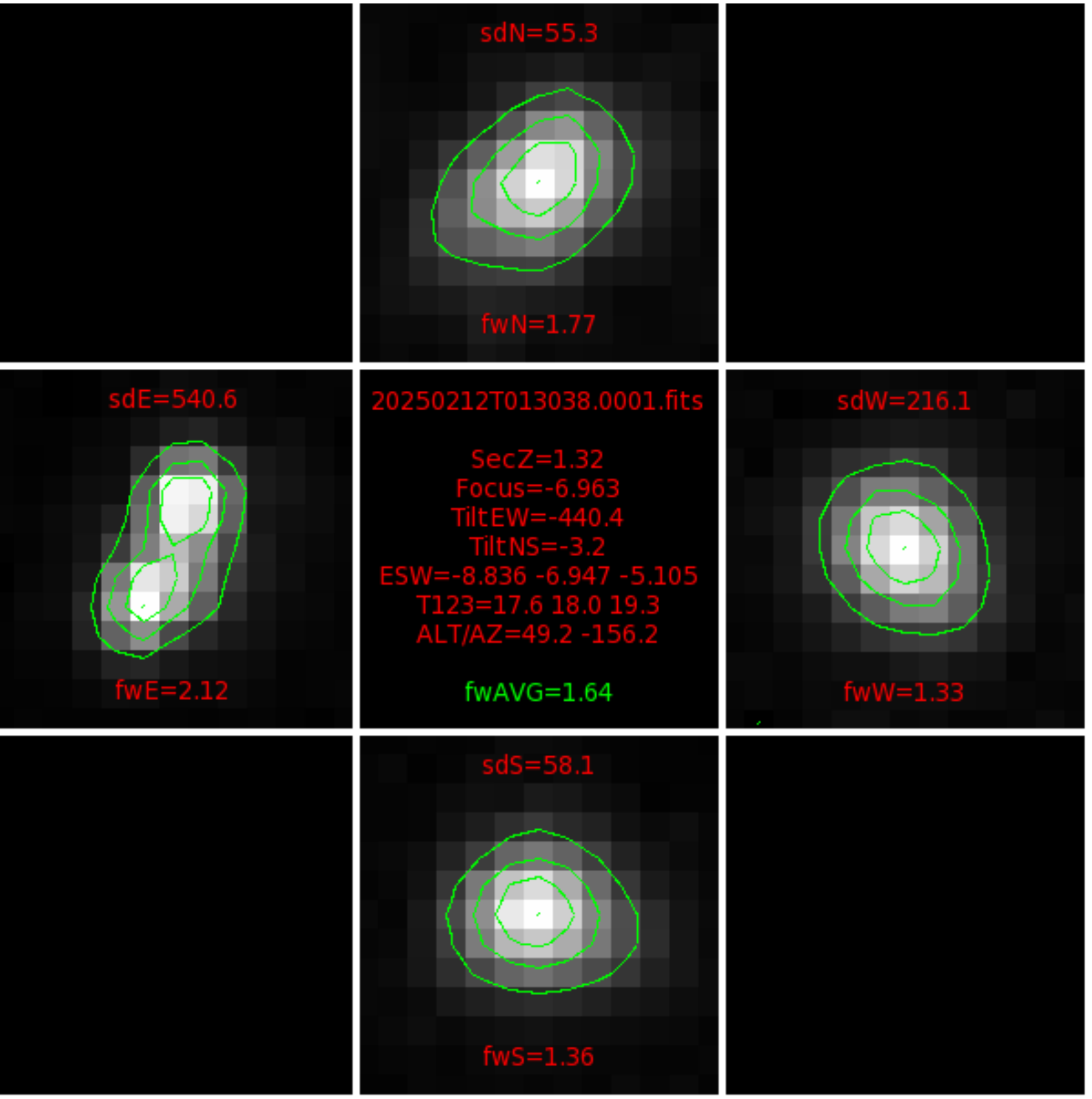
sdN=55.3
fwN=1.77
sdE=540.6
fwE=2.12
20250212T013038.0001.fits
SecZ=1.32
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=49.2 -156.2
fwAVG=1.64
sdW=216.1
fwW=1.33
sdS=58.1
fwS=1.36
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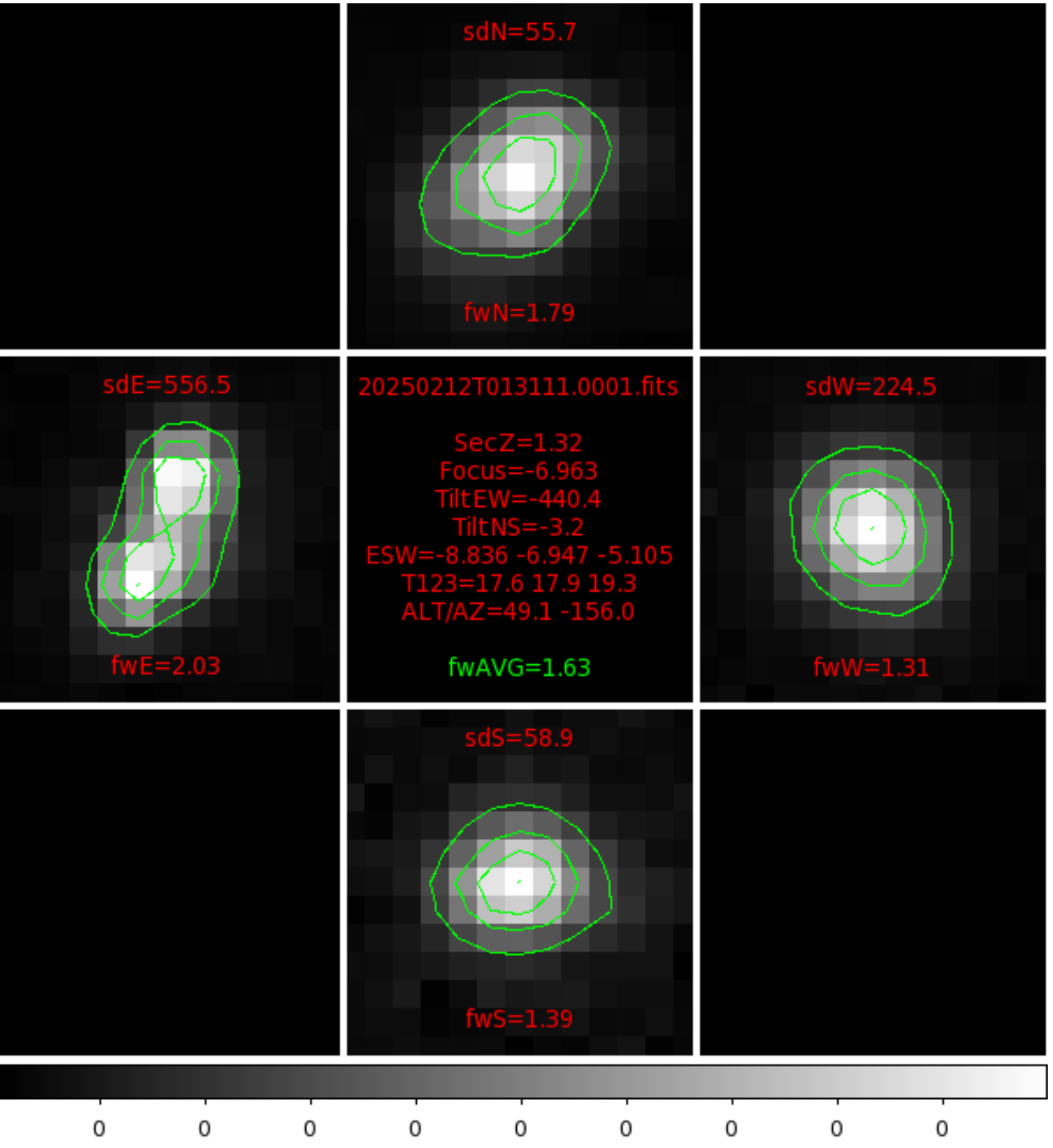
sdN=55.7
fwN=1.79
sdE=556.5
fwE=2.03
20250212T013111.0001.fits
SecZ=1.32
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.1 -156.0
fwAVG=1.63
sdW=224.5
fwW=1.31
sdS=58.9
fwS=1.39
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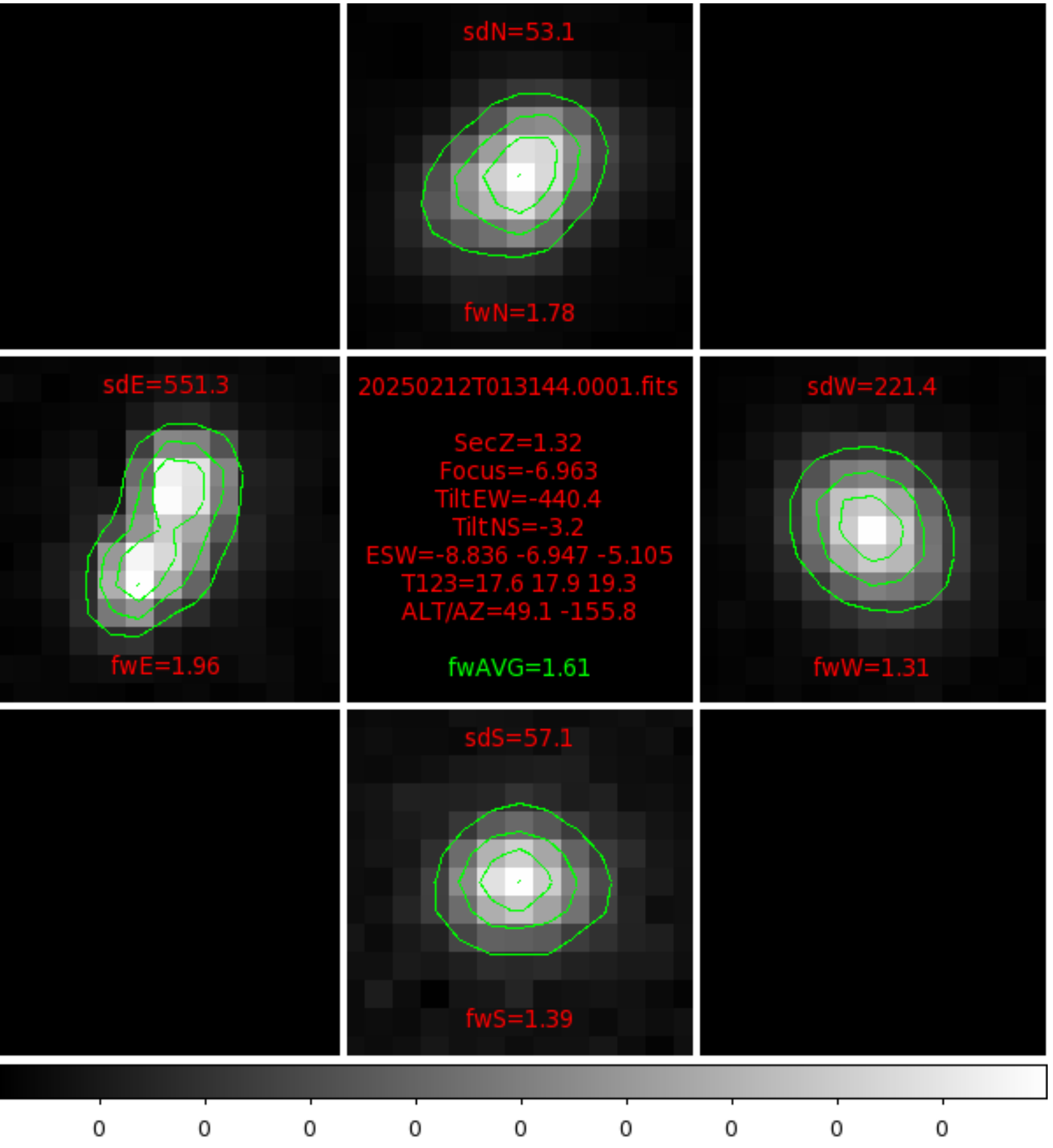
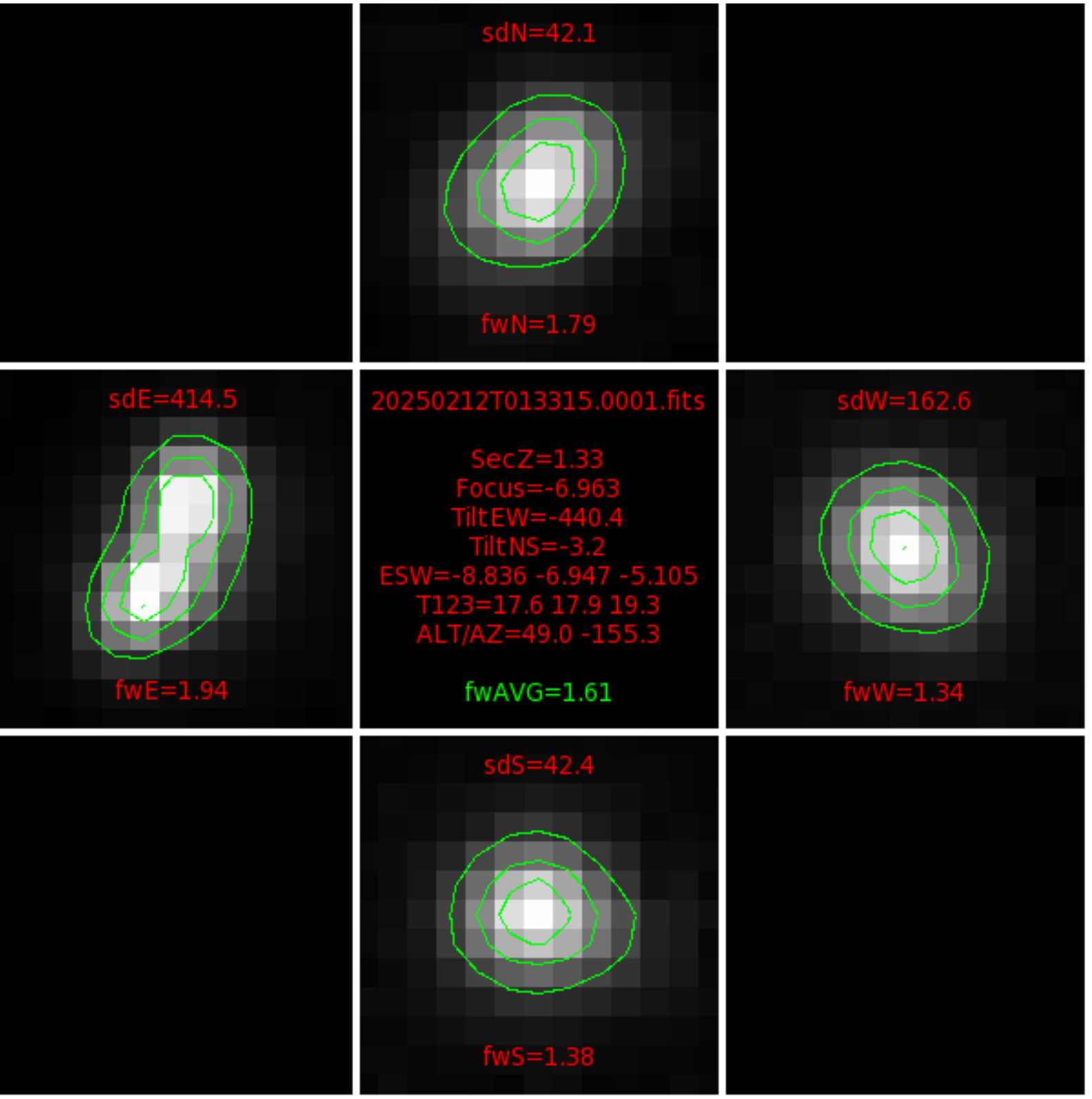

sdN=53.1
fwN=1.78
sdE=551.3
fwE=1.96
20250212T013144.0001.fits
SecZ=1.32
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.1 -155.8
fwAVG=1.61
sdW=221.4
fwW=1.31
sdS=57.1
fwS=1.39
0 0 0 0 0 0 0 0 0


sdN=42.1
fwN=1.79
sdE=414.5
fwE=1.94
20250212T013315.0001.fits
SecZ=1.33
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=49.0 -155.3
fwAVG=1.61
sdW=162.6
fwW=1.34
sdS=42.4
fwS=1.38
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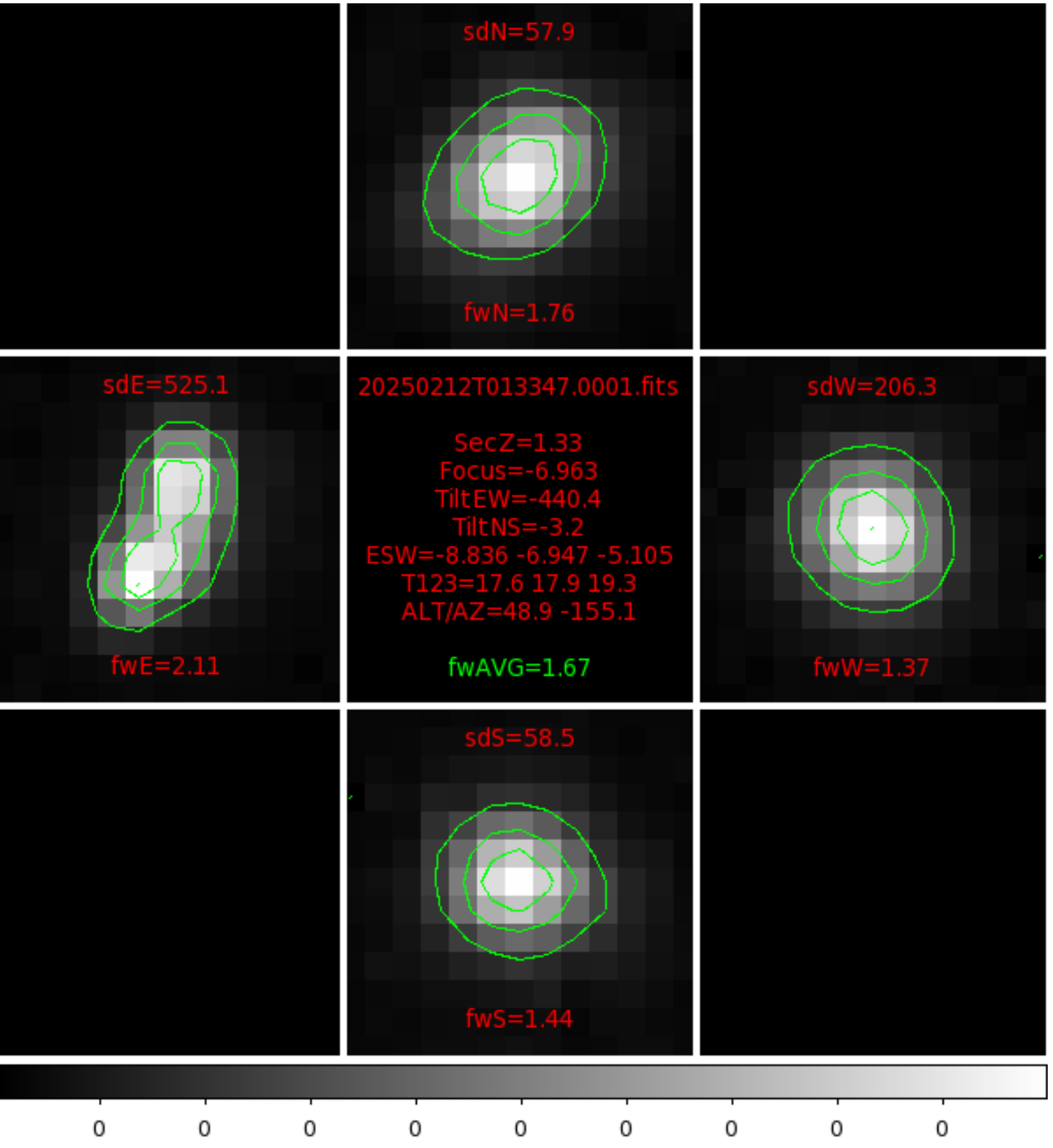
sdN=57.9
fwN=1.76
sdE=525.1
fwE=2.11
20250212T013347.0001.fits
SecZ=1.33
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=48.9 -155.1
fwAVG=1.67
sdW=206.3
fwW=1.37
sdS=58.5
fwS=1.44
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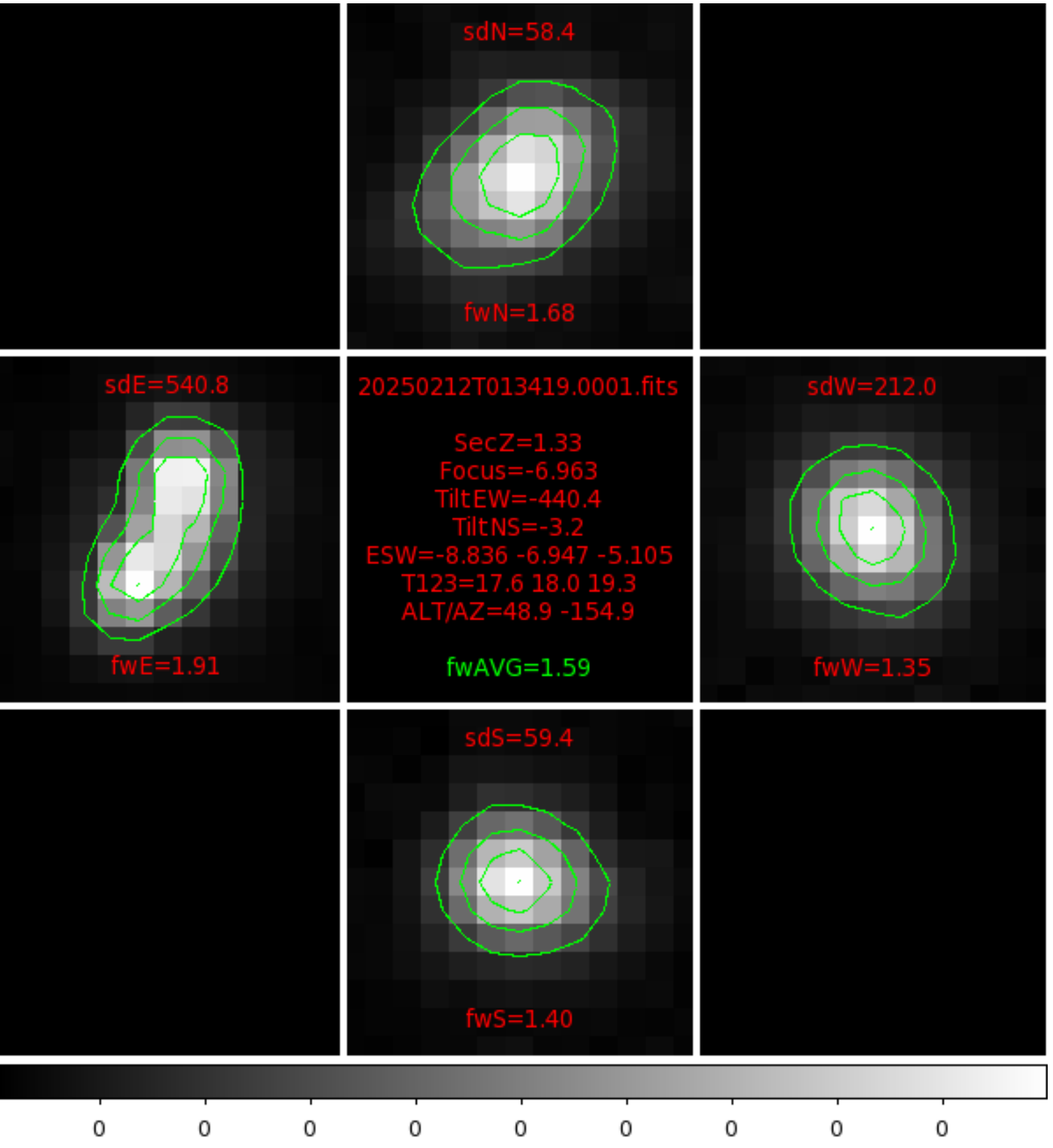
sdN=58.4
fwN=1.68
sdE=540.8
fwE=1.91
20250212T013419.0001.fits
SecZ=1.33
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=48.9 -154.9
fwAVG=1.59
sdW=212.0
fwW=1.35
sdS=59.4
fwS=1.40
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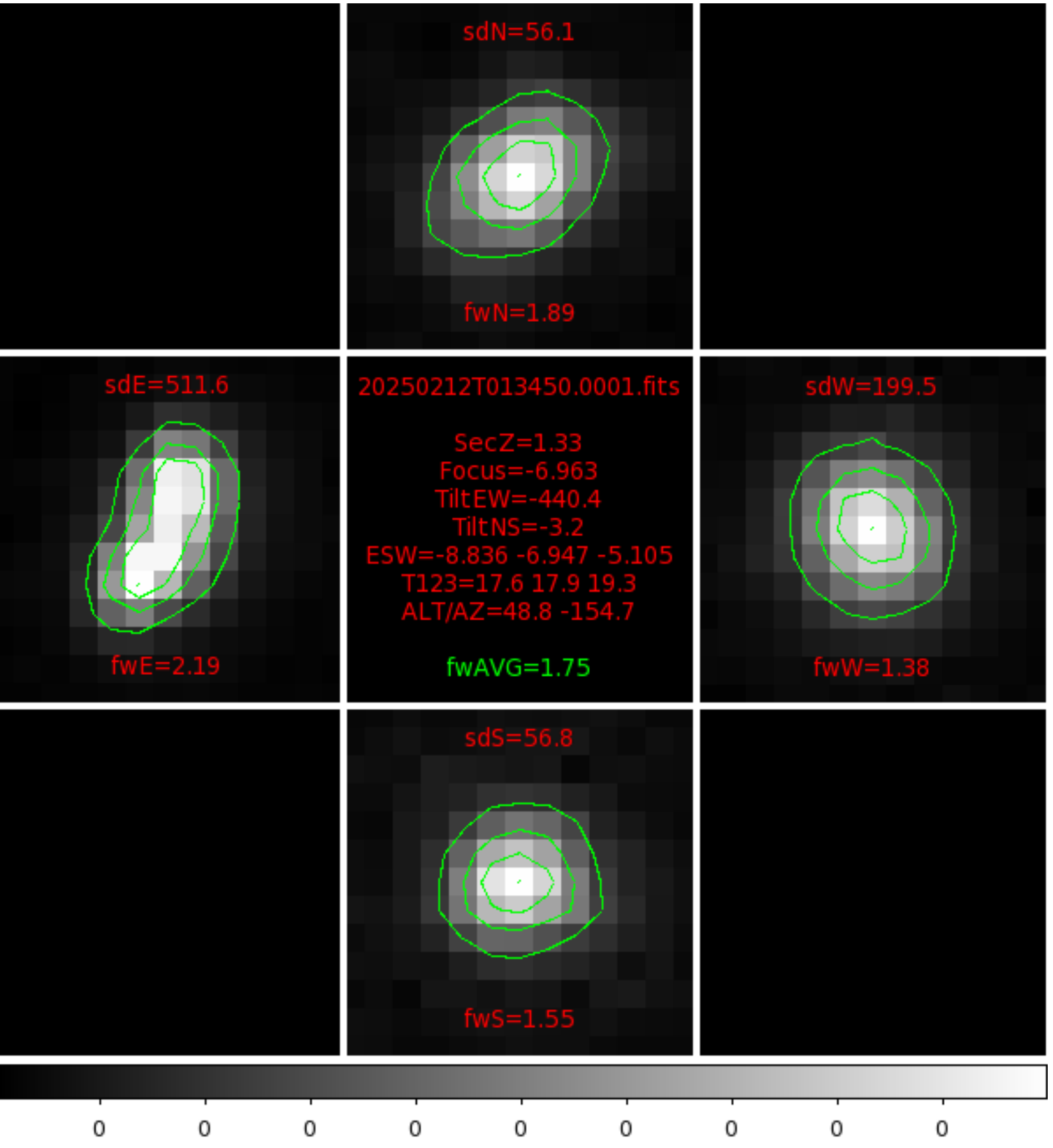
sdN=56.1
fwN=1.89
sdE=511.6
fwE=2.19
20250212T013450.0001.fits
SecZ=1.33
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=48.8 -154.7
fwAVG=1.75
sdW=199.5
fwW=1.38
sdS=56.8
fwS=1.55
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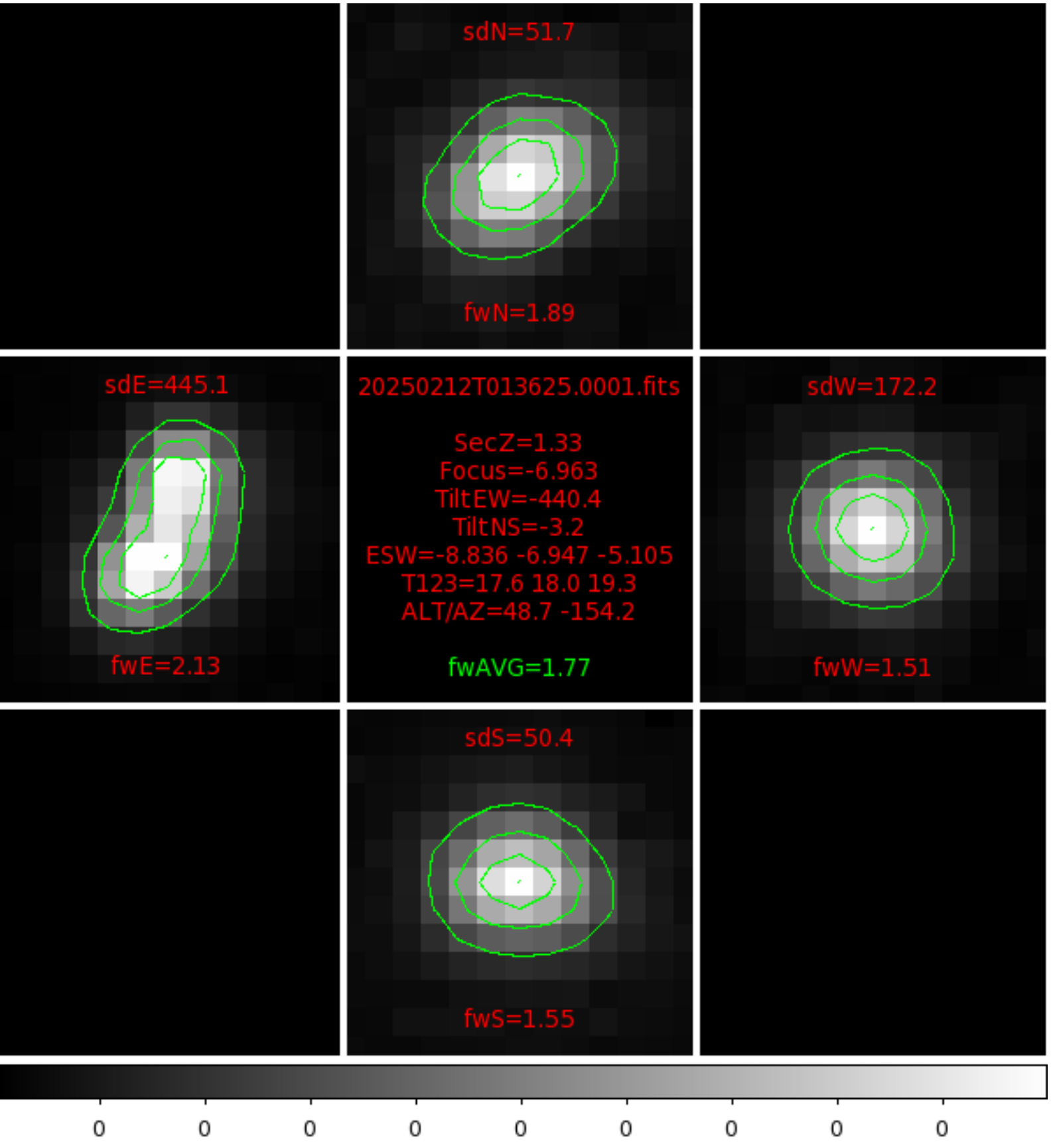
sdN=51.7
fwN=1.89
sdE=445.1
fwE=2.13
20250212T013625.0001.fits
SecZ=1.33
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=48.7 -154.2
fwAVG=1.77
sdW=172.2
fwW=1.51
sdS=50.4
fwS=1.55
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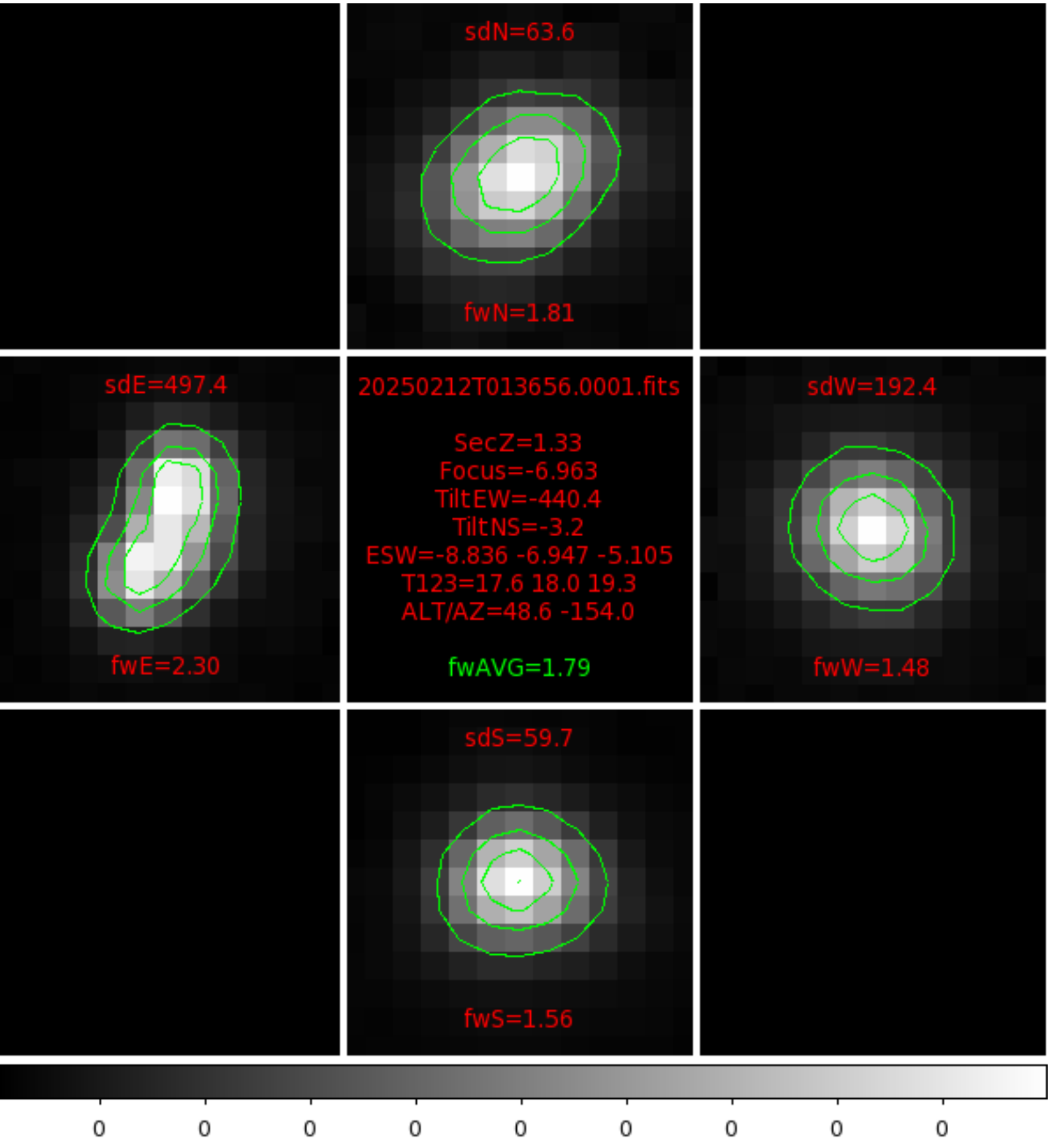
sdN=63.6
fwN=1.81
sdE=497.4
fwE=2.30
20250212T013656.0001.fits
SecZ=1.33
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=48.6 -154.0
fwAVG=1.79
sdW=192.4
fwW=1.48
sdS=59.7
fwS=1.56
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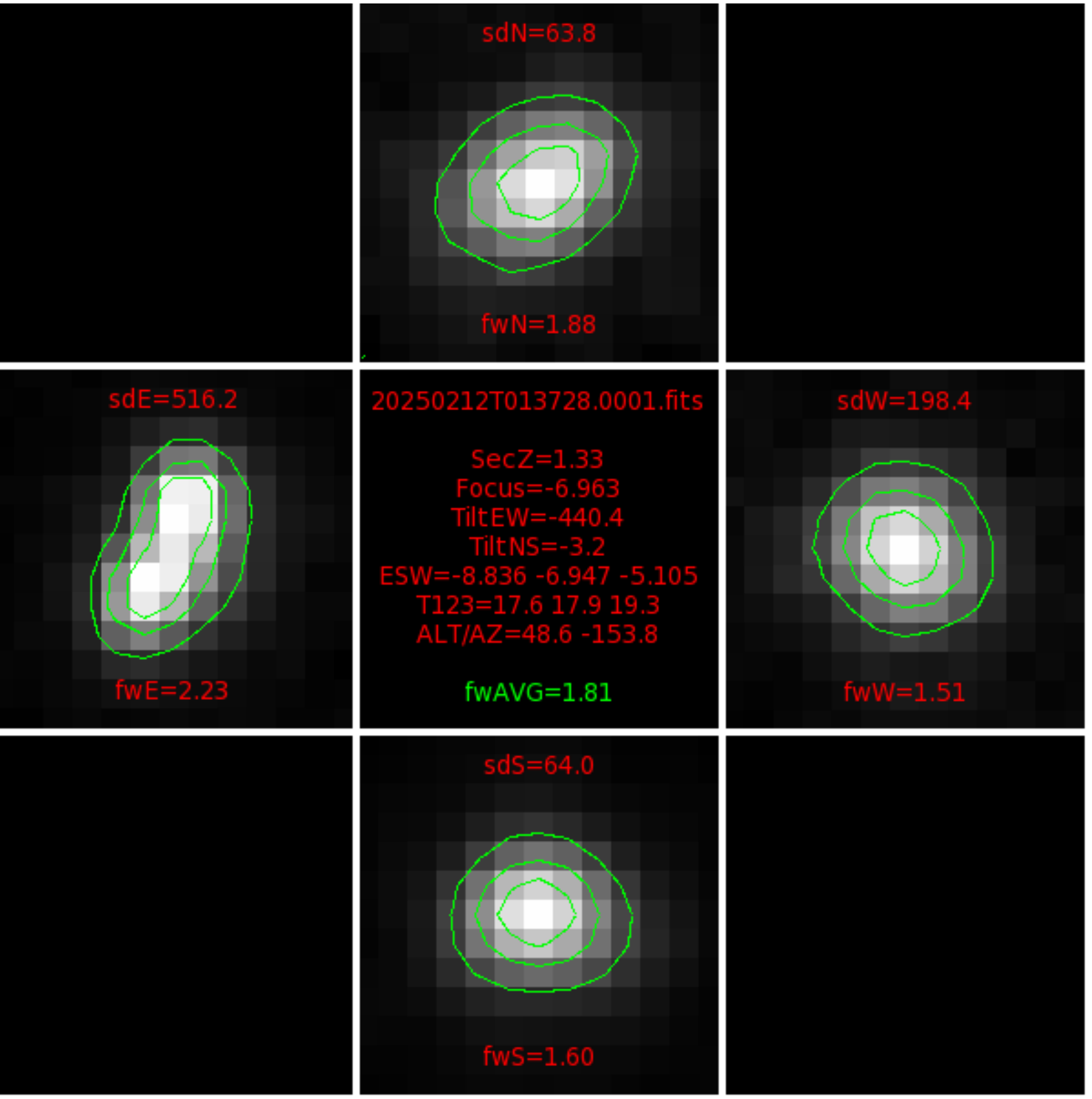
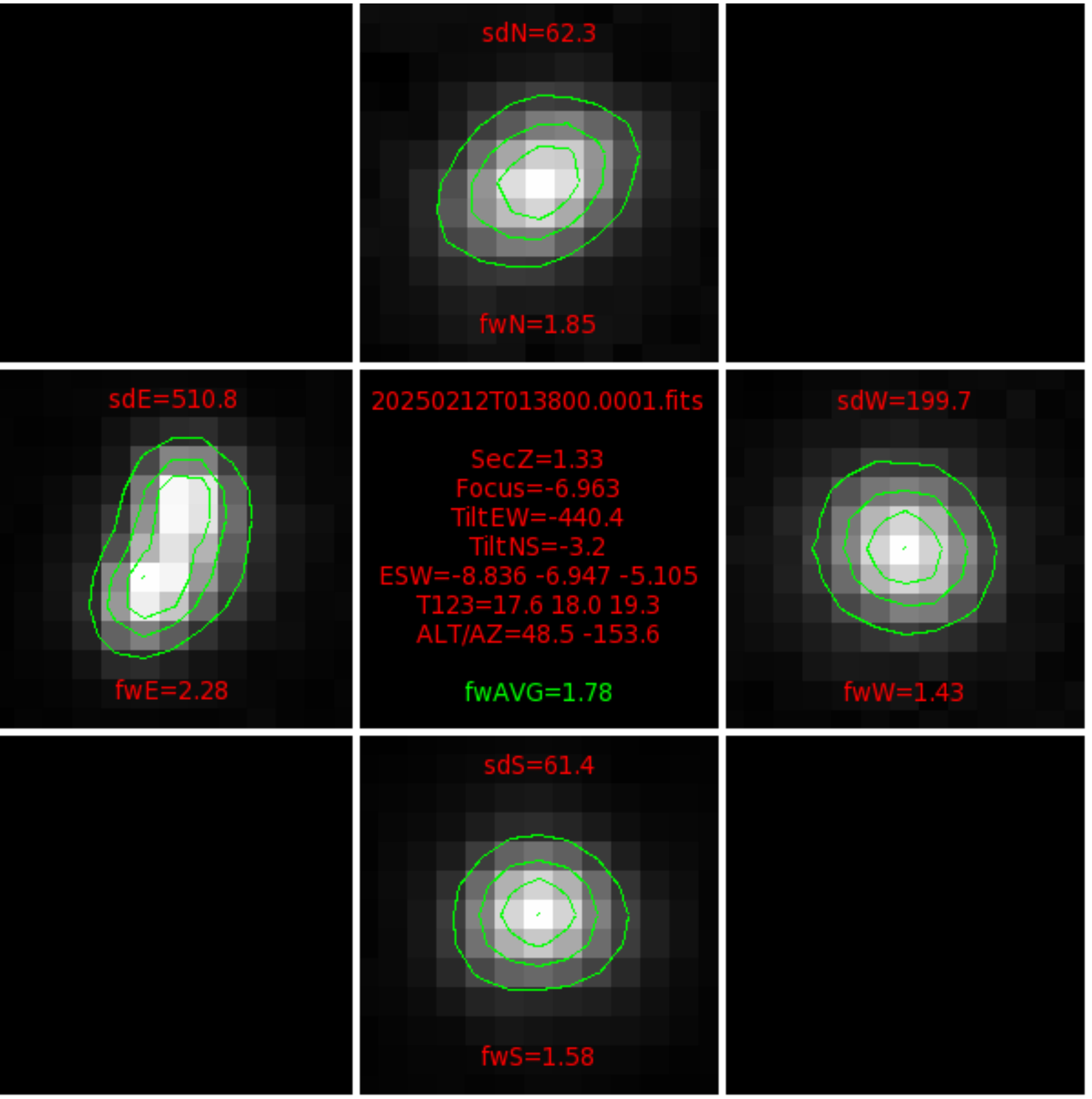
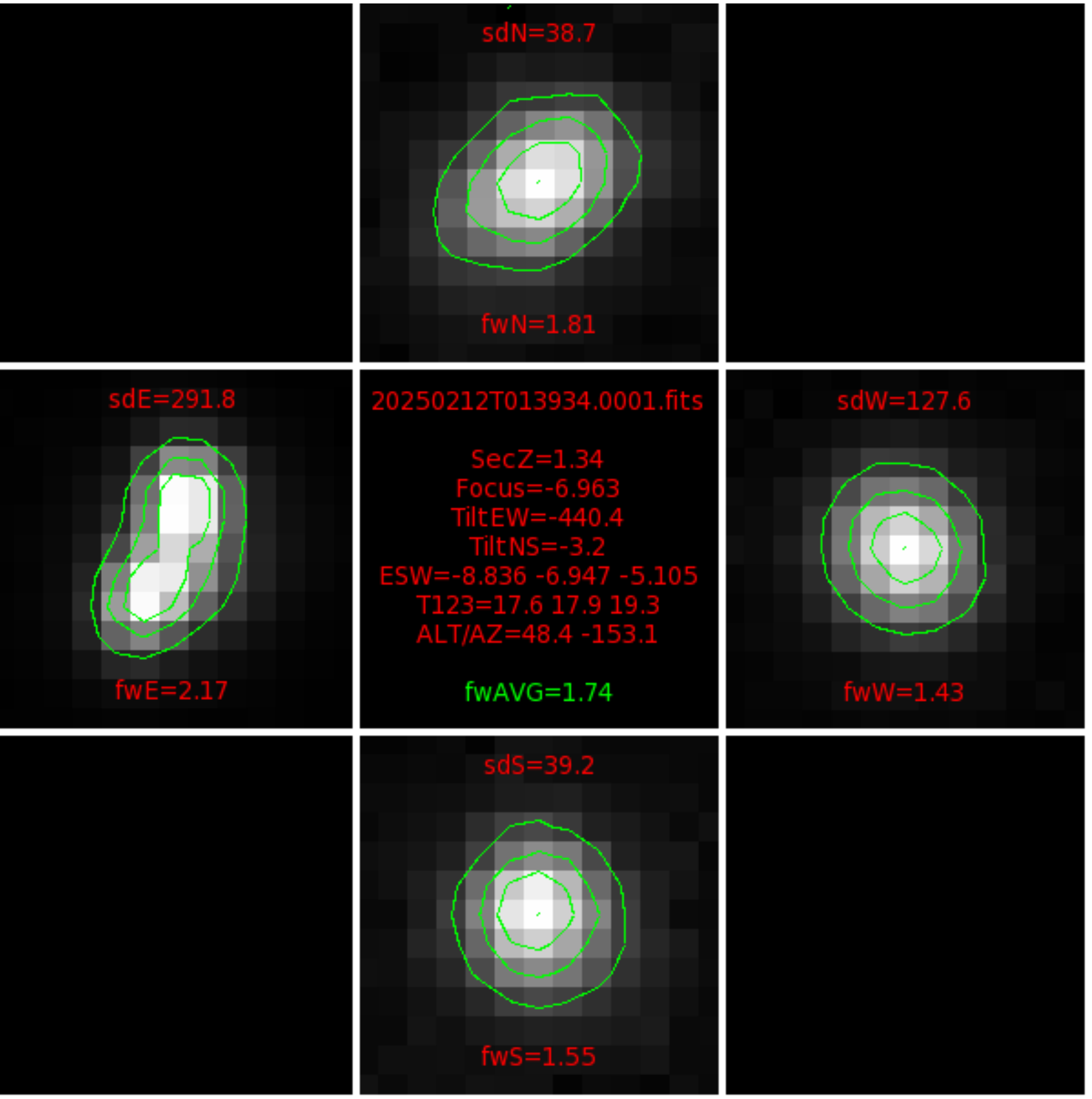
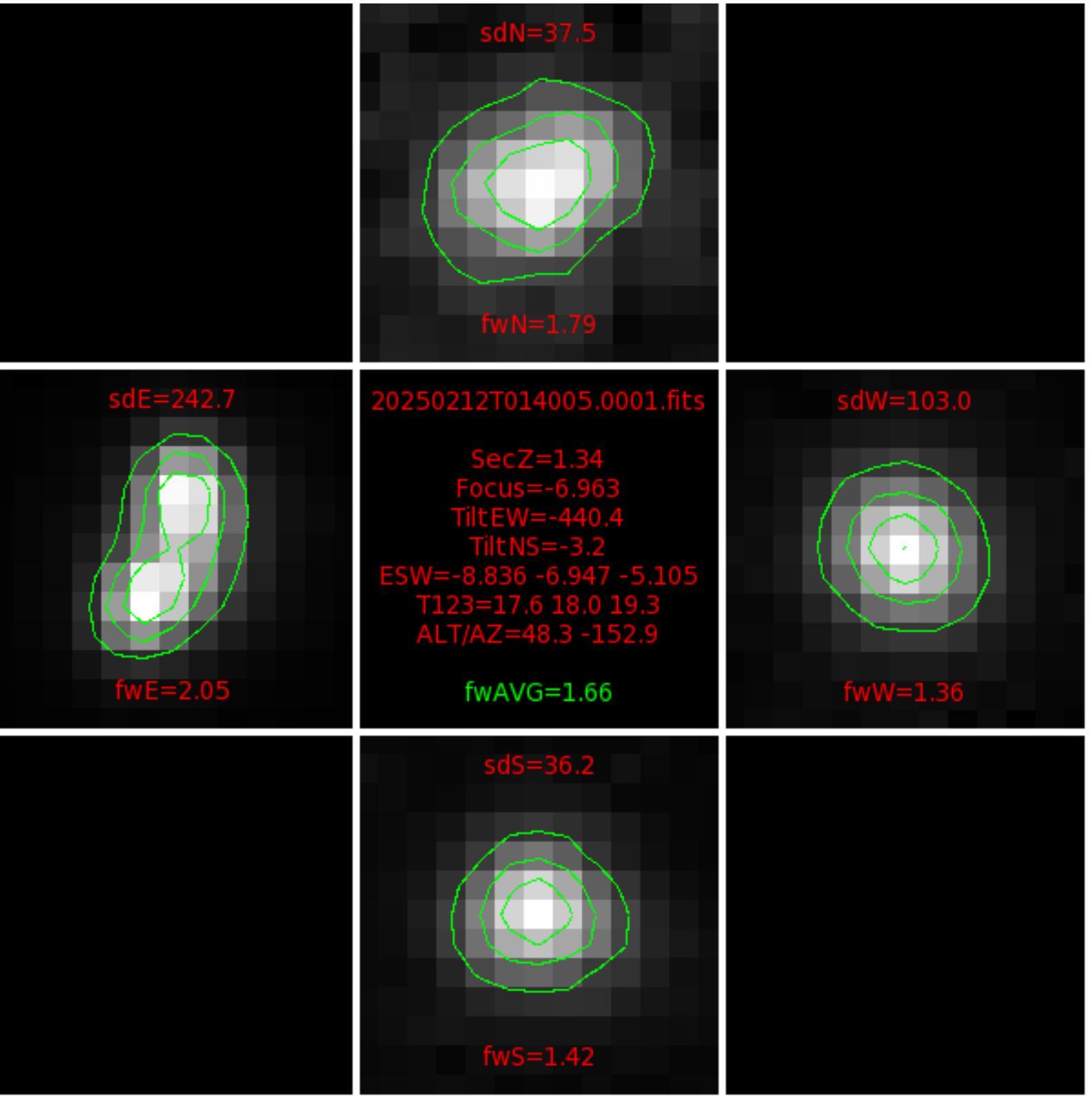

sdN=63.8
fwN=1.88
sdE=516.2
fwE=2.23
20250212T013728.0001.fits
SecZ=1.33
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=48.6 -153.8
fwAVG=1.81
sdW=198.4
fwW=1.51
sdS=64.0
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=62.3
fwN=1.85
sdE=510.8
fwE=2.28
20250212T013800.0001.fits
SecZ=1.33
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=48.5 -153.6
fwAVG=1.78
sdW=199.7
fwW=1.43
sdS=61.4
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=38.7
fwN=1.81
sdE=291.8
fwE=2.17
20250212T013934.0001.fits
SecZ=1.34
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=48.4 -153.1
fwAVG=1.74
sdW=127.6
fwW=1.43
sdS=39.2
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=37.5
fwN=1.79
sdE=242.7
fwE=2.05
20250212T014005.0001.fits
SecZ=1.34
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=48.3 -152.9
fwAVG=1.66
sdW=103.0
fwW=1.36
sdS=36.2
fwS=1.42
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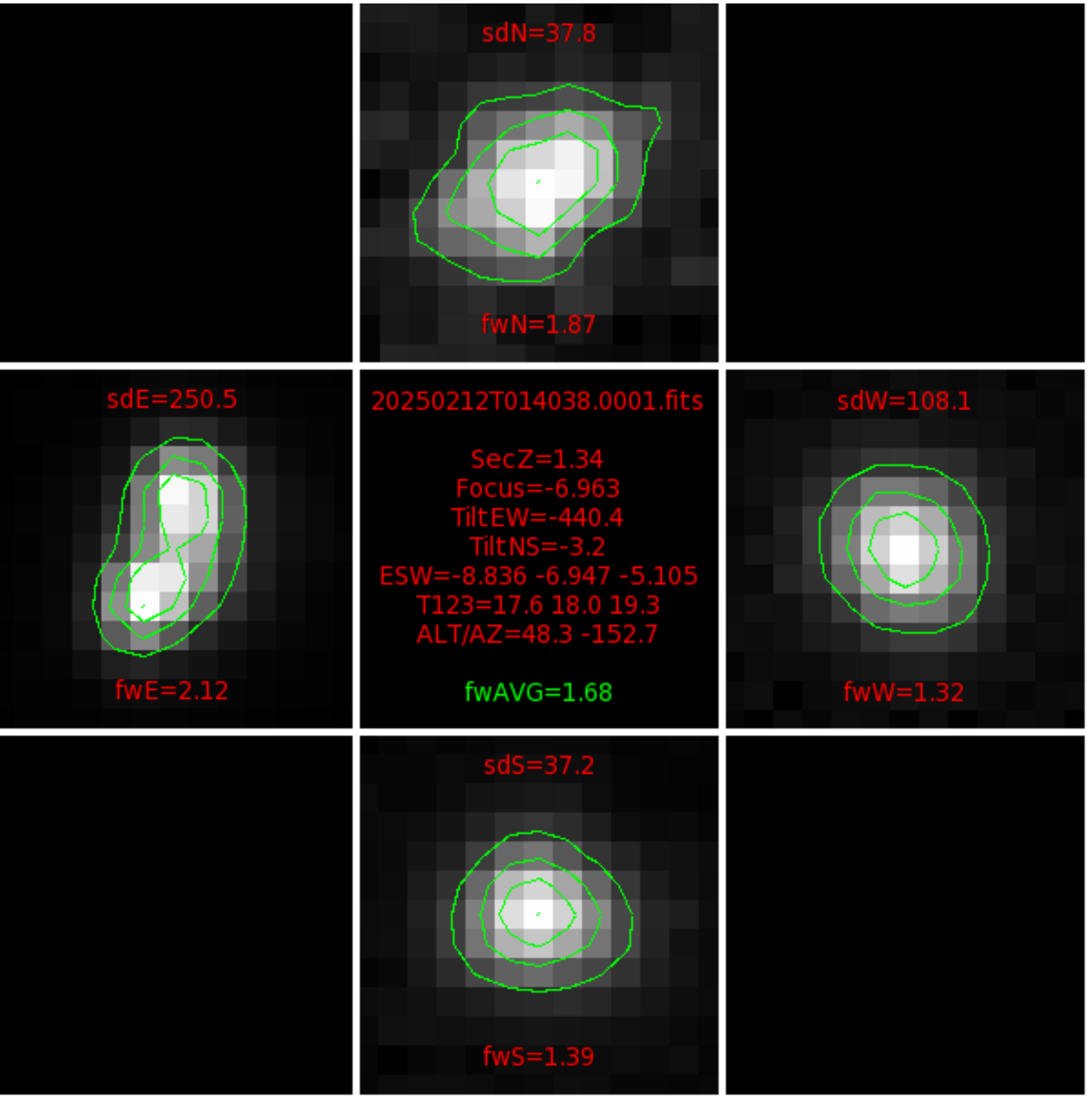
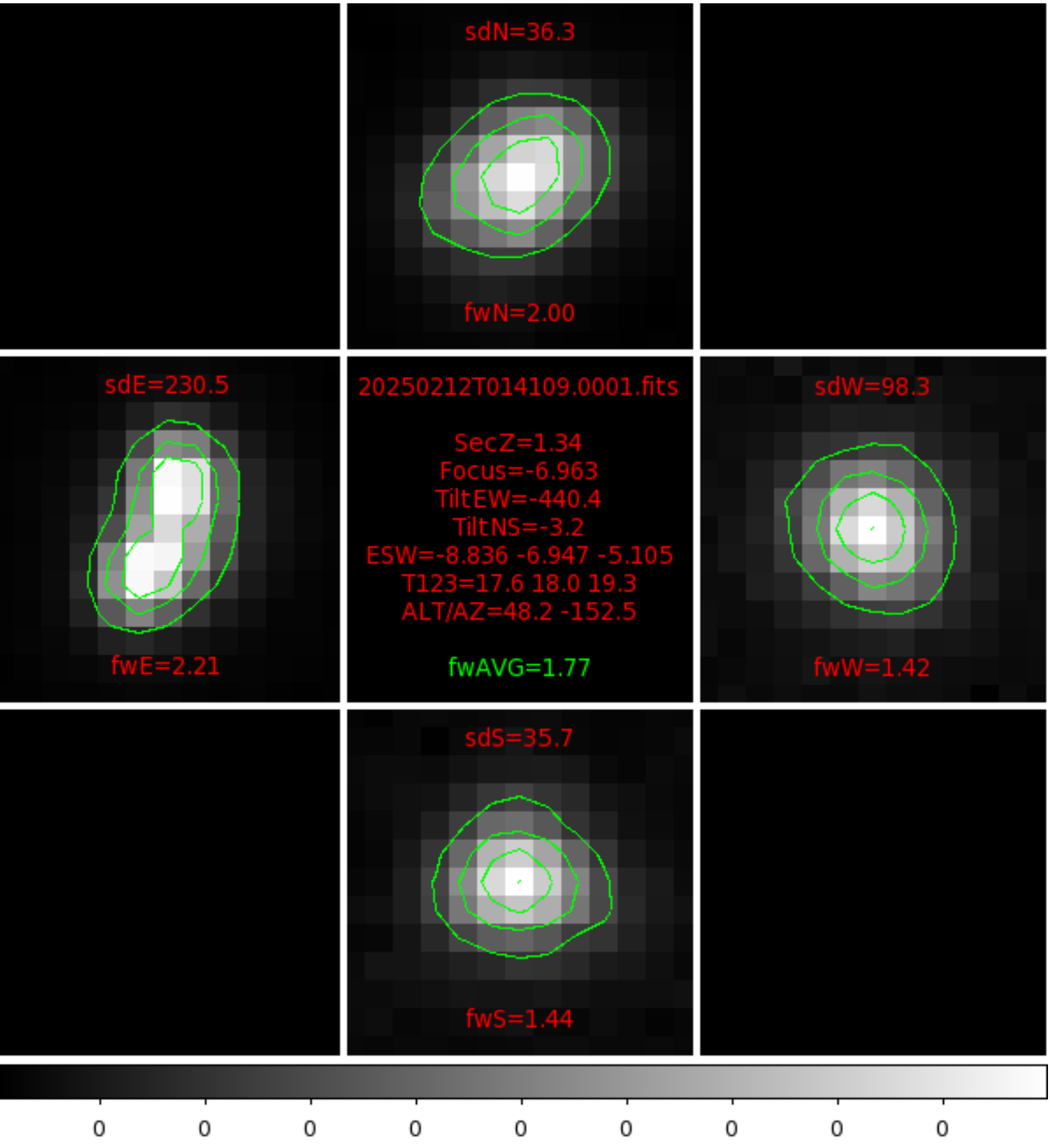
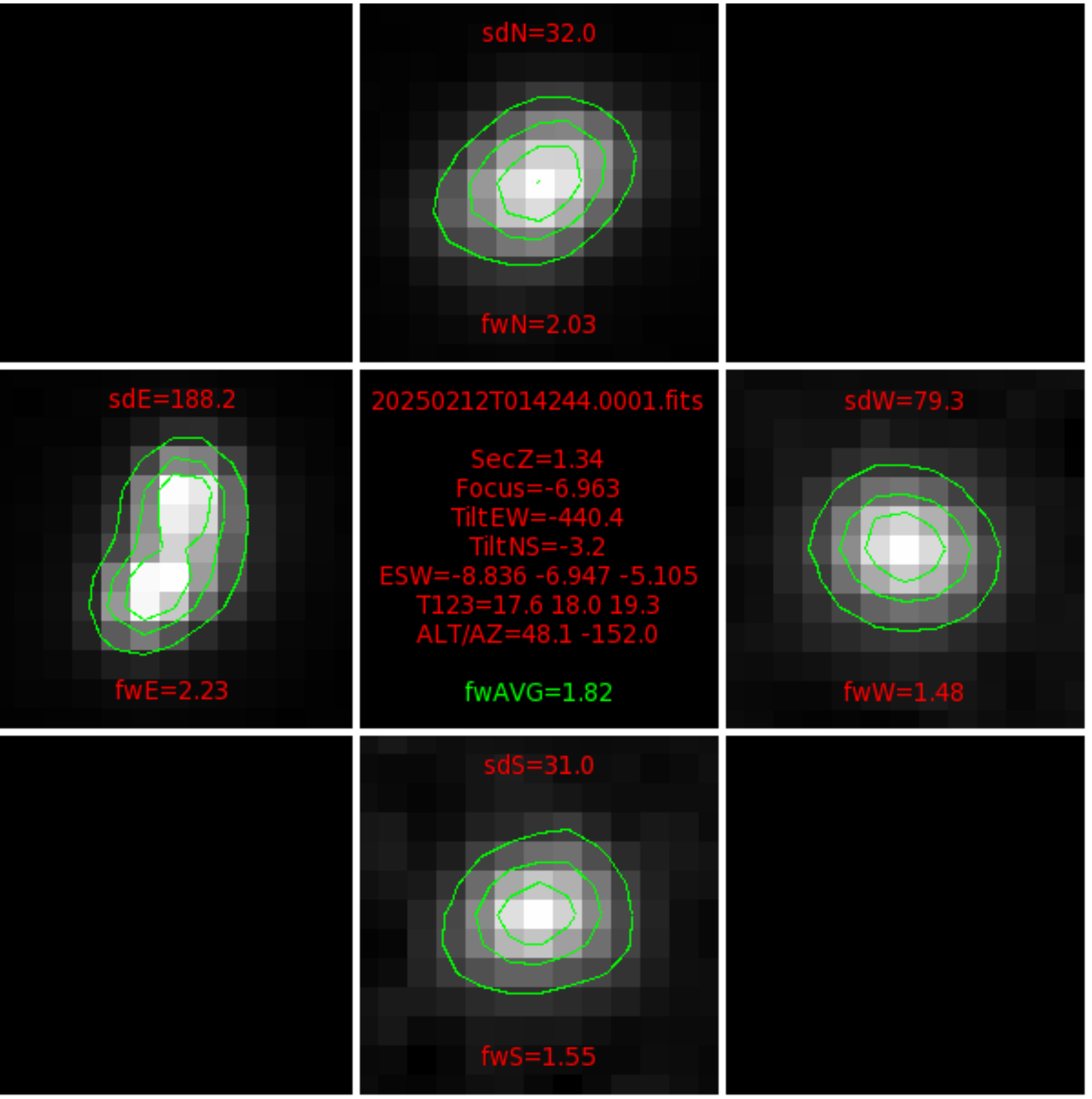
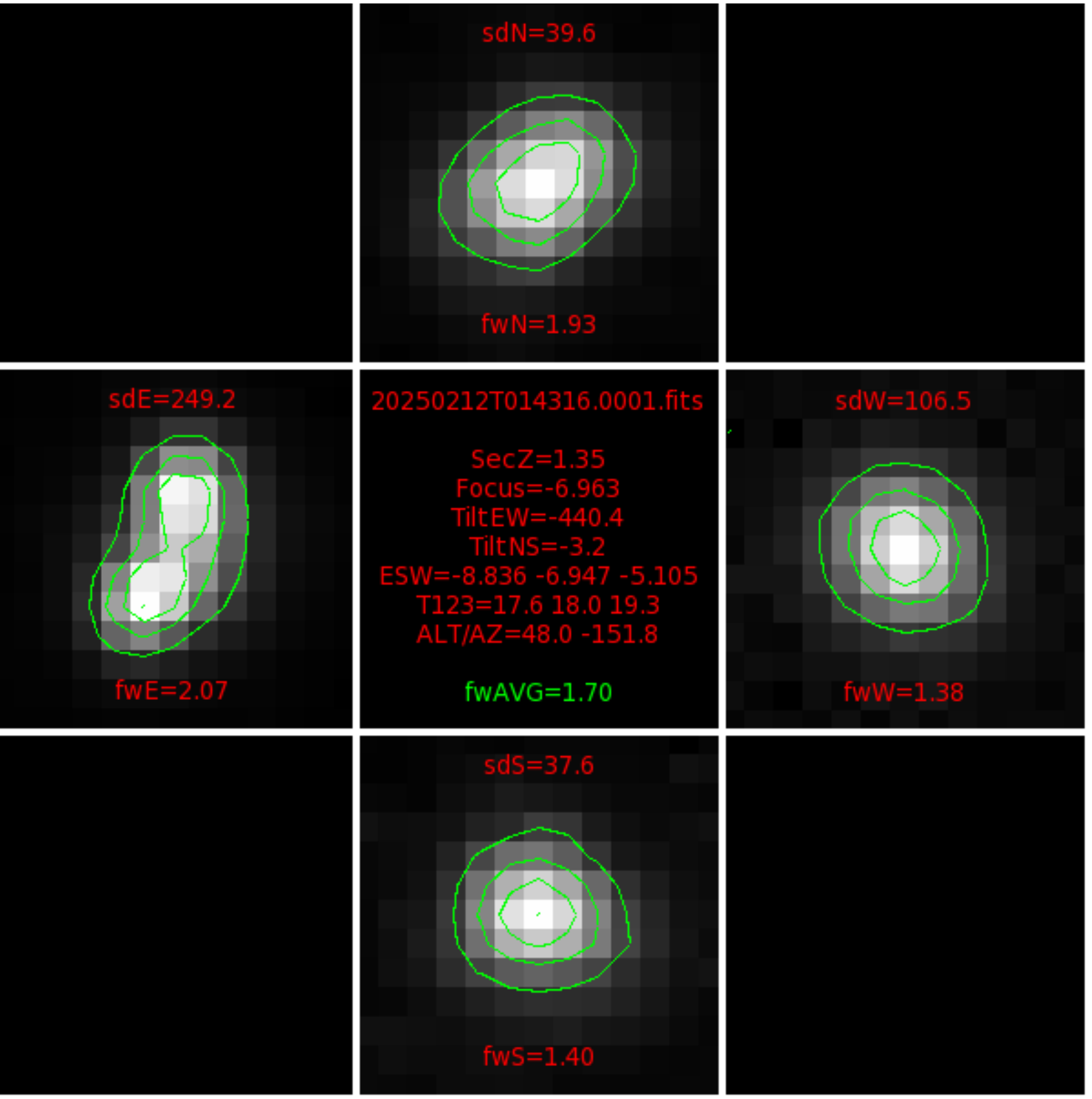
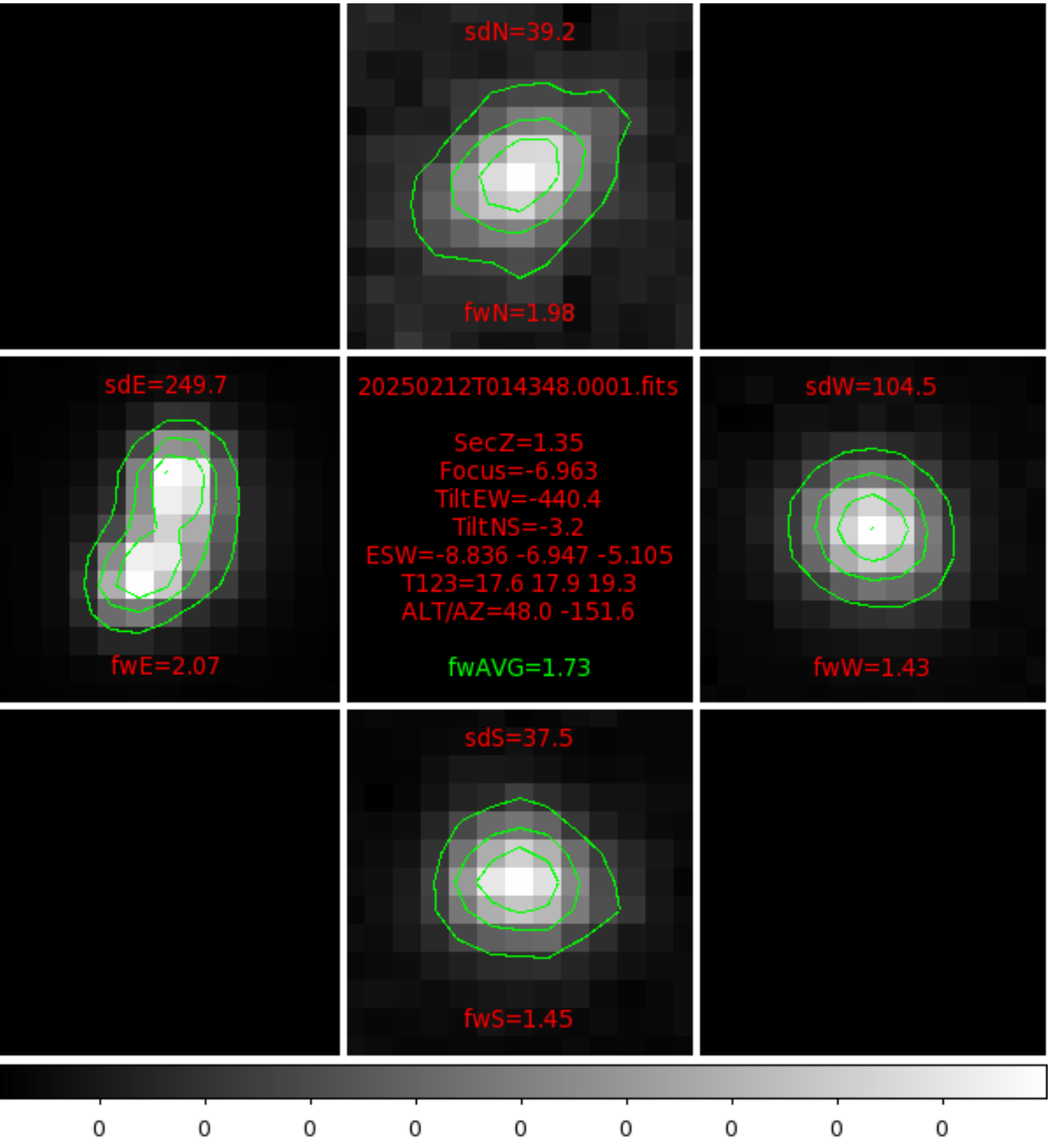
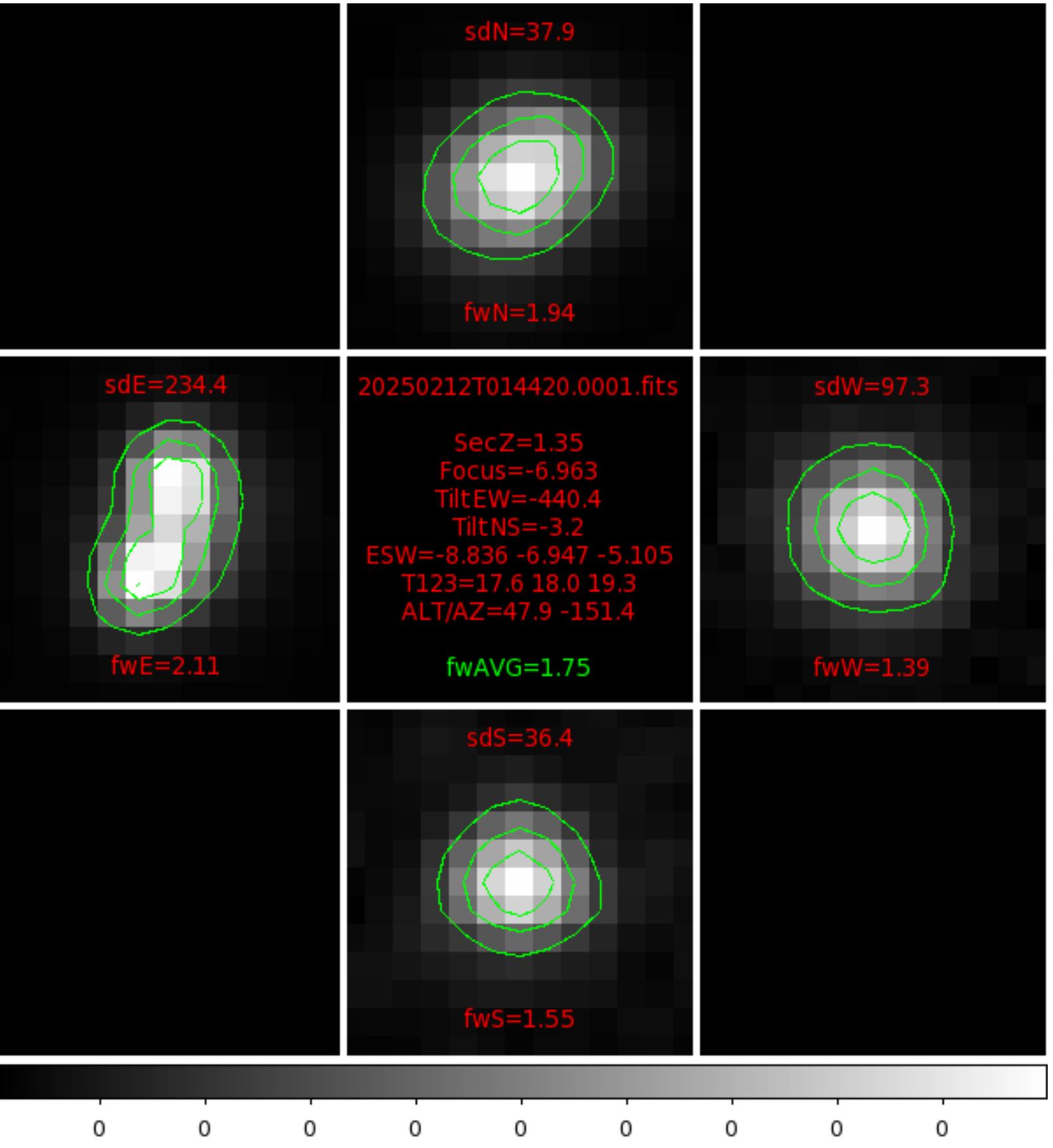

sdN=37.8
fwN=1.87
sdE=250.5
fwE=2.12
20250212T014038.0001.fits
SecZ=1.34
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=48.3 -152.7
fwAVG=1.68
sdW=108.1
fwW=1.32
sdS=37.2
fwS=1.39
0 0 0 0 0 0 0 0 0

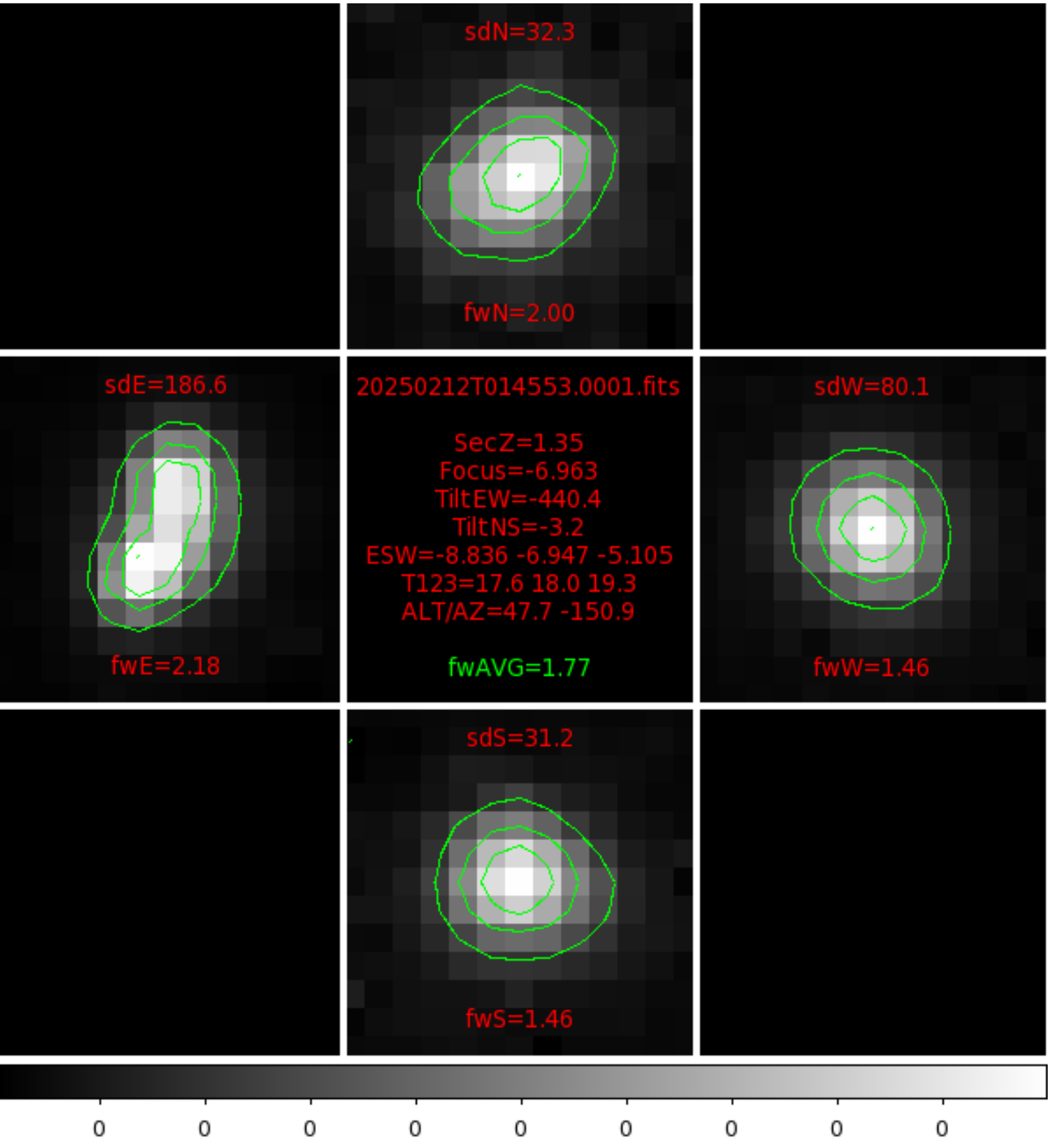

sdN=36.3
fwN=2.00
sdE=230.5
fwE=2.21
20250212T014109.0001.fits
SecZ=1.34
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=48.2 -152.5
fwAVG=1.77
sdW=98.3
fwW=1.42
sdS=35.7
fwS=1.44
0 0 0 0 0 0 0 0 0


sdN=32.0
fwN=2.03
sdE=188.2
fwE=2.23
20250212T014244.0001.fits
SecZ=1.34
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=48.1 -152.0
fwAVG=1.82
sdW=79.3
fwW=1.48
sdS=31.0
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=39.6
fwN=1.93
sdE=249.2
fwE=2.07
20250212T014316.0001.fits
SecZ=1.35
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=48.0 -151.8
fwAVG=1.70
sdW=106.5
fwW=1.38
sdS=37.6
fwS=1.40
0 0 0 0 0 0 0 0 0


sdN=39.2
fwN=1.98
sdE=249.7
fwE=2.07
20250212T014348.0001.fits
SecZ=1.35
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=48.0 -151.6
fwAVG=1.73
sdW=104.5
fwW=1.43
sdS=37.5
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=37.9
fwN=1.94
sdE=234.4
fwE=2.11
20250212T014420.0001.fits
SecZ=1.35
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=47.9 -151.4
fwAVG=1.75
sdW=97.3
fwW=1.39
sdS=36.4
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=32.3
fwN=2.00
sdE=186.6
fwE=2.18
20250212T014553.0001.fits
SecZ=1.35
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=47.7 -150.9
fwAVG=1.77
sdW=80.1
fwW=1.46
sdS=31.2
fwS=1.46
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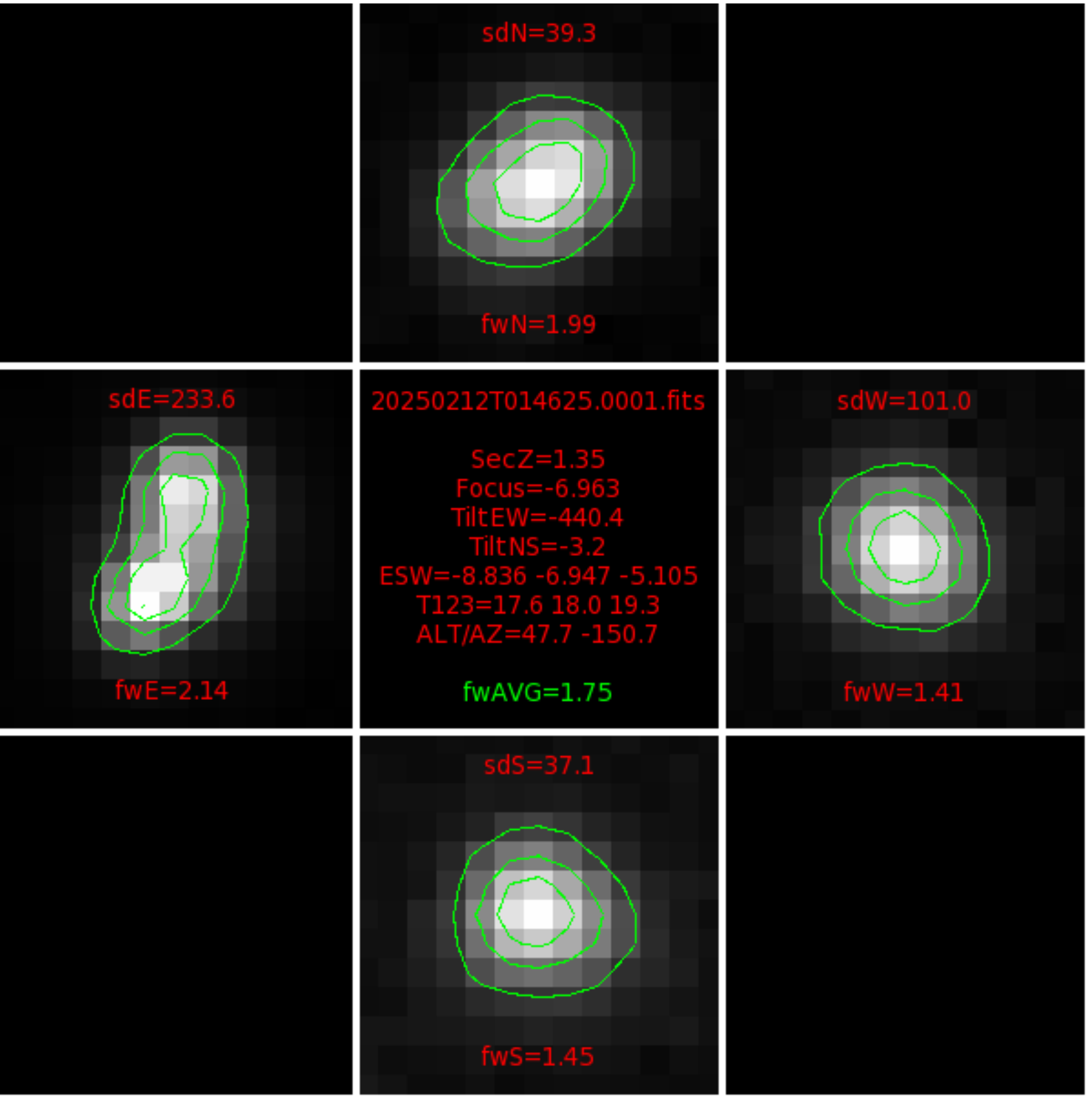
sdN=39.3
fwN=1.99
sdE=233.6
fwE=2.14
20250212T014625.0001.fits
SecZ=1.35
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=47.7 -150.7
fwAVG=1.75
sdW=101.0
fwW=1.41
sdS=37.1
fwS=1.45
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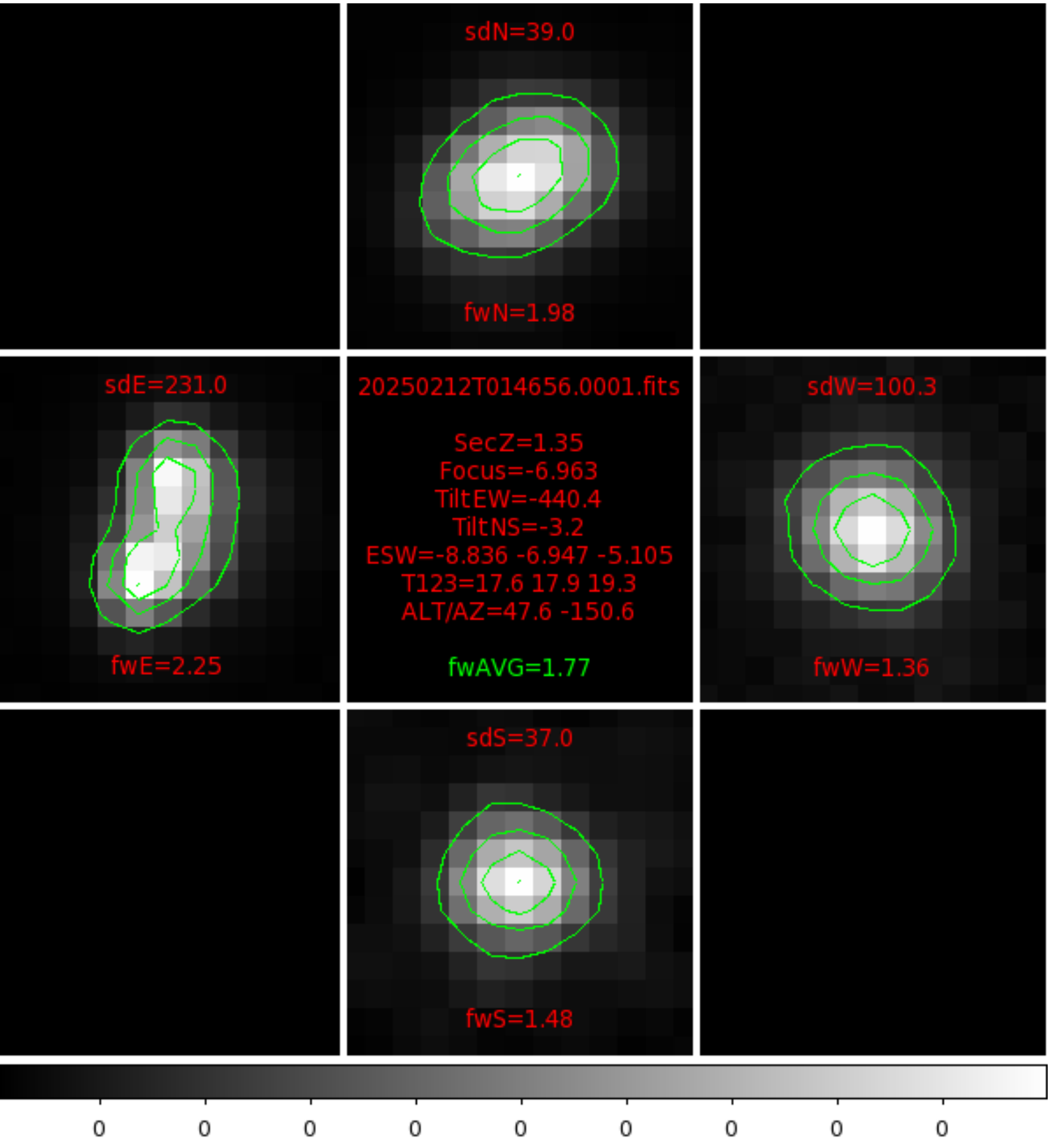
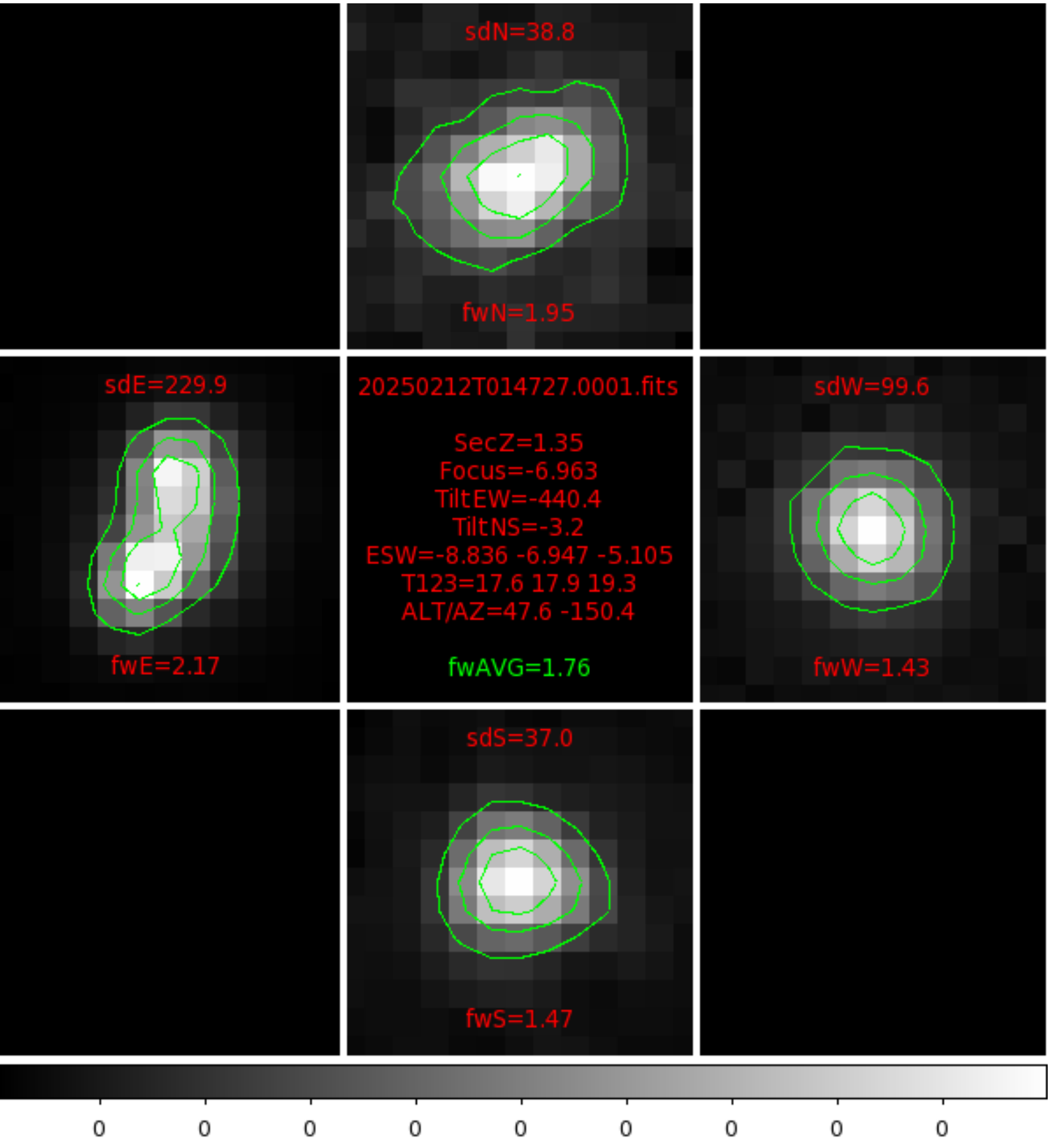
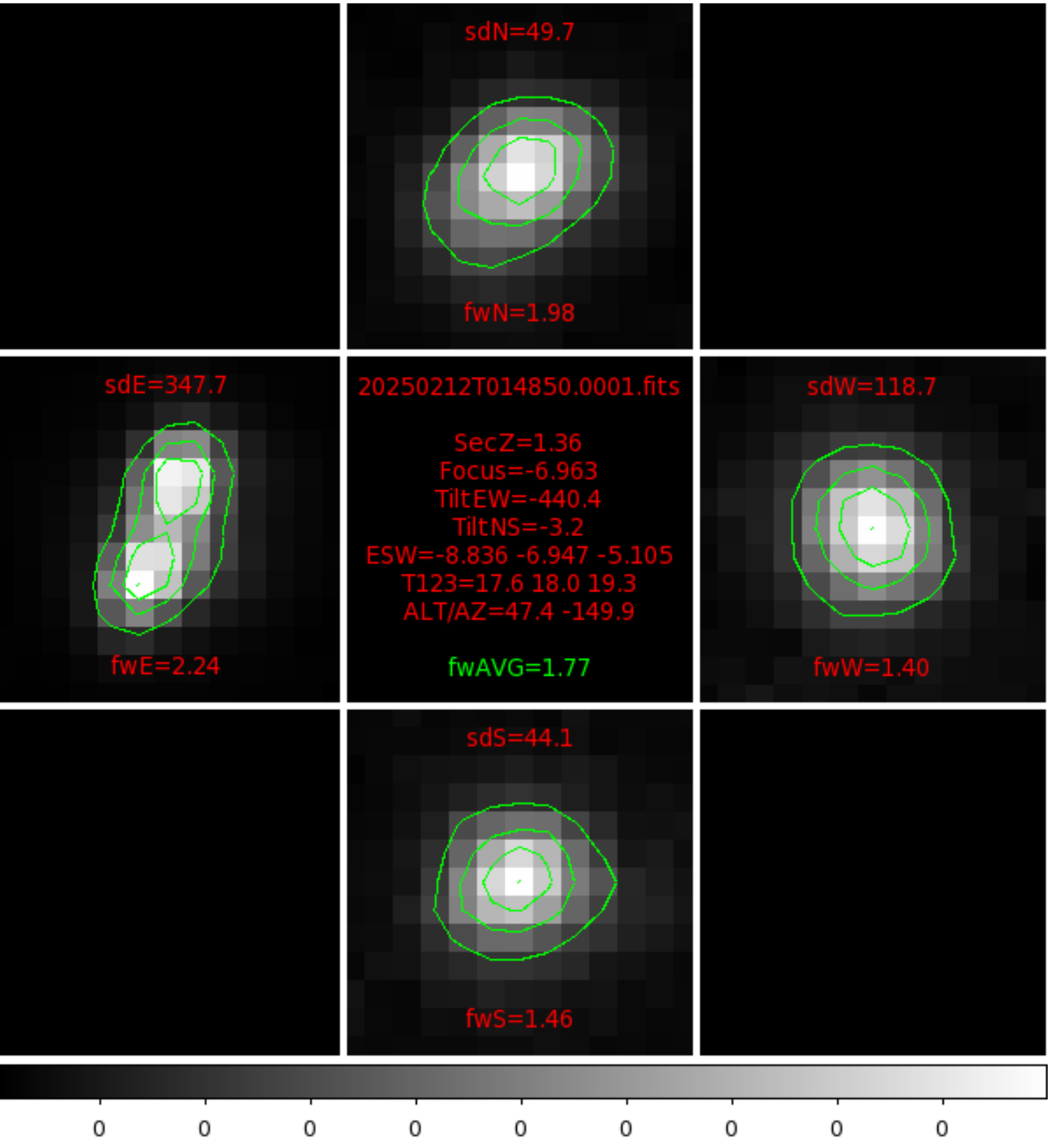

sdN=39.0
fwN=1.98
sdE=231.0
fwE=2.25
20250212T014656.0001.fits
SecZ=1.35
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=47.6 -150.6
fwAVG=1.77
sdW=100.3
fwW=1.36
sdS=37.0
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=38.8
fwN=1.95
sdE=229.9
fwE=2.17
20250212T014727.0001.fits
SecZ=1.35
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 17.9 19.3
ALT/AZ=47.6 -150.4
fwAVG=1.76
sdW=99.6
fwW=1.43
sdS=37.0
fwS=1.47
0 0 0 0 0 0 0 0 0


sdN=49.7
fwN=1.98
sdE=347.7
fwE=2.24
20250212T014850.0001.fits
SecZ=1.36
Focus=-6.963
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.836 -6.947 -5.105
T123=17.6 18.0 19.3
ALT/AZ=47.4 -149.9
fwAVG=1.77
sdW=118.7
fwW=1.40
sdS=44.1
fwS=1.46
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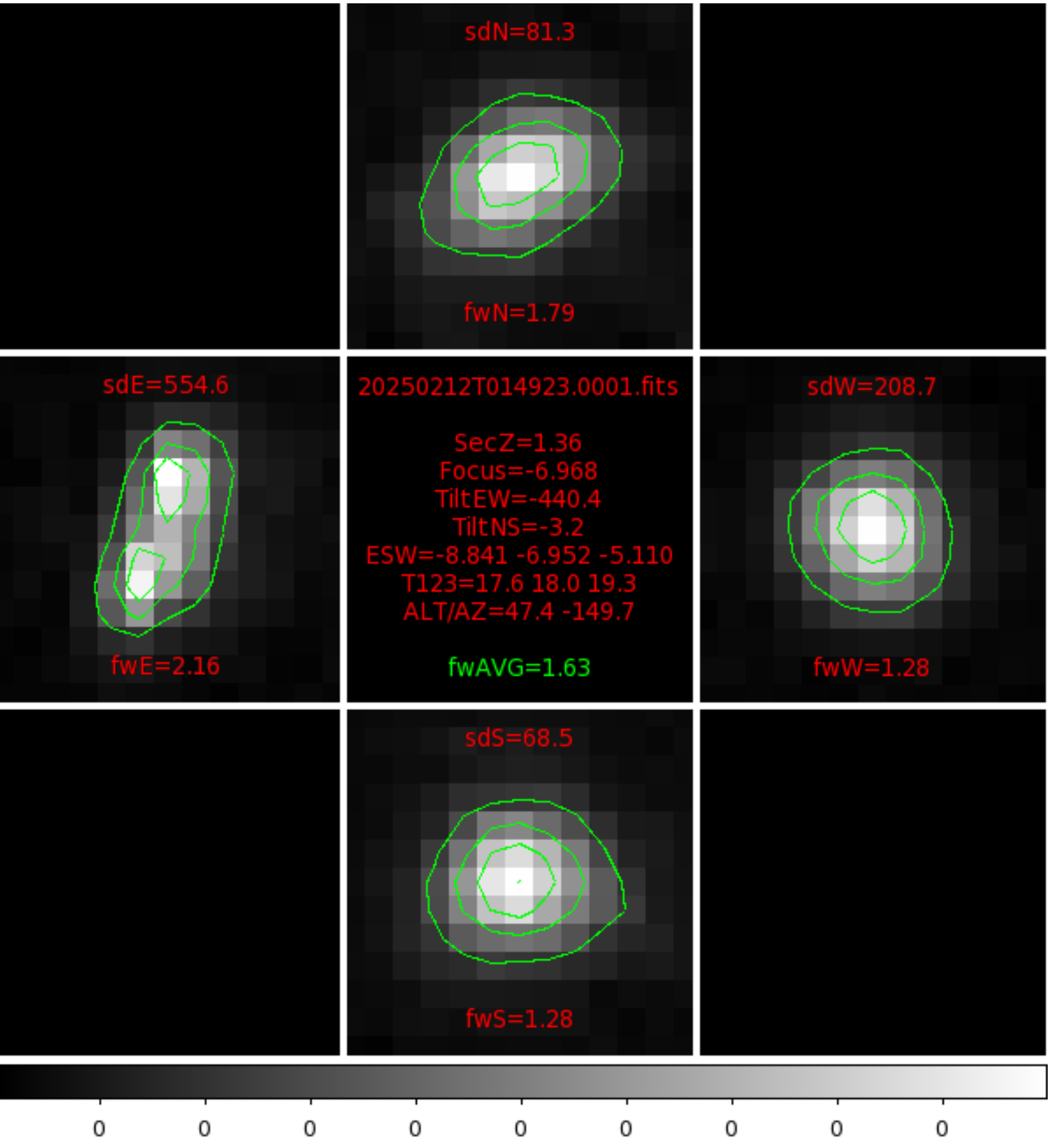
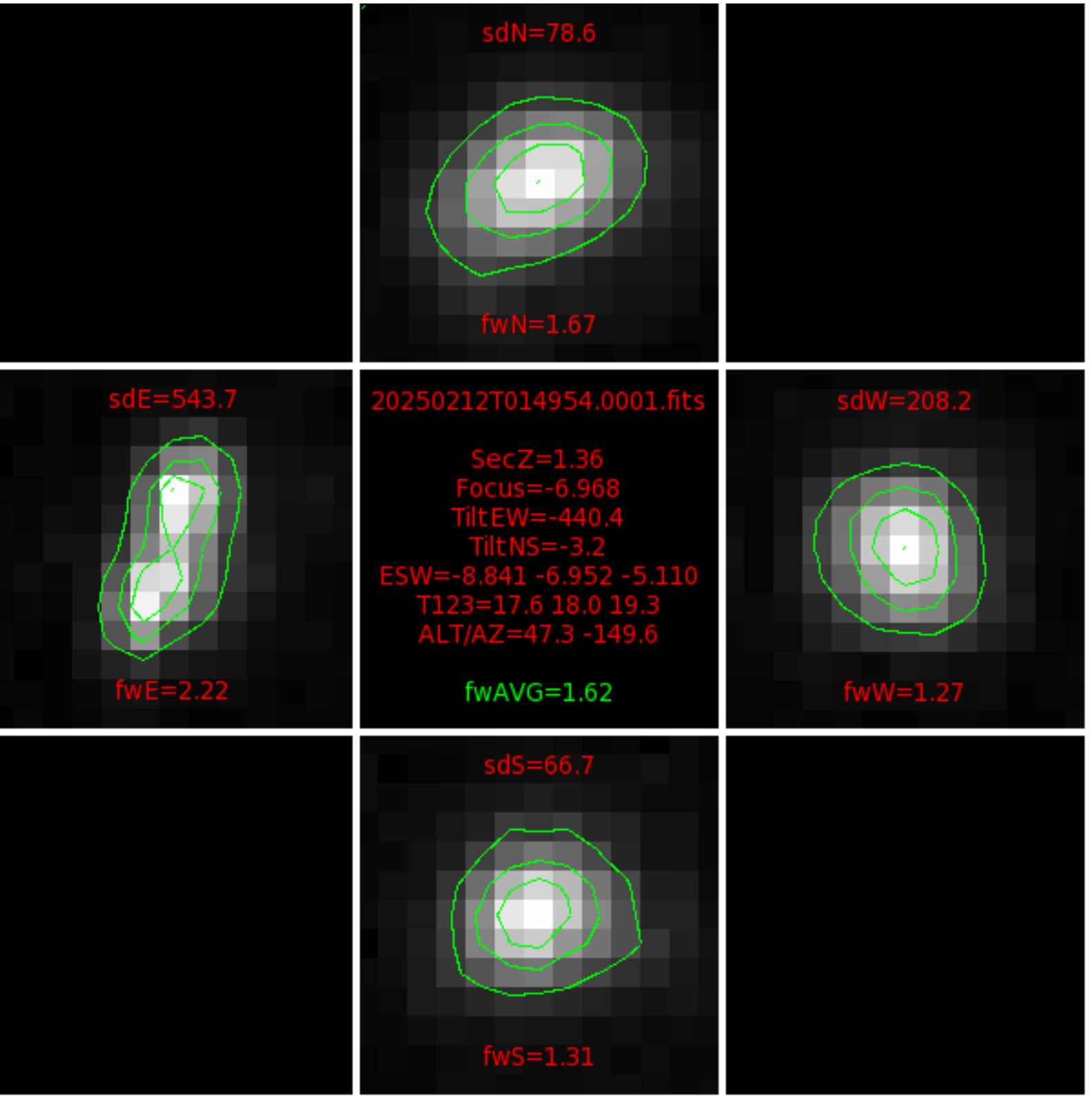

sdN=81.3
fwN=1.79
sdE=554.6
fwE=2.16
20250212T014923.0001.fits
SecZ=1.36
Focus=-6.968
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.841 -6.952 -5.110
T123=17.6 18.0 19.3
ALT/AZ=47.4 -149.7
fwAVG=1.63
sdW=208.7
fwW=1.28
sdS=68.5
fwS=1.28
0 0 0 0 0 0 0 0 0


sdN=78.6
fwN=1.67
sdE=543.7
fwE=2.22
20250212T014954.0001.fits
SecZ=1.36
Focus=-6.968
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.841 -6.952 -5.110
T123=17.6 18.0 19.3
ALT/AZ=47.3 -149.6
fwAVG=1.62
sdW=208.2
fwW=1.27
sdS=66.7
fwS=1.31
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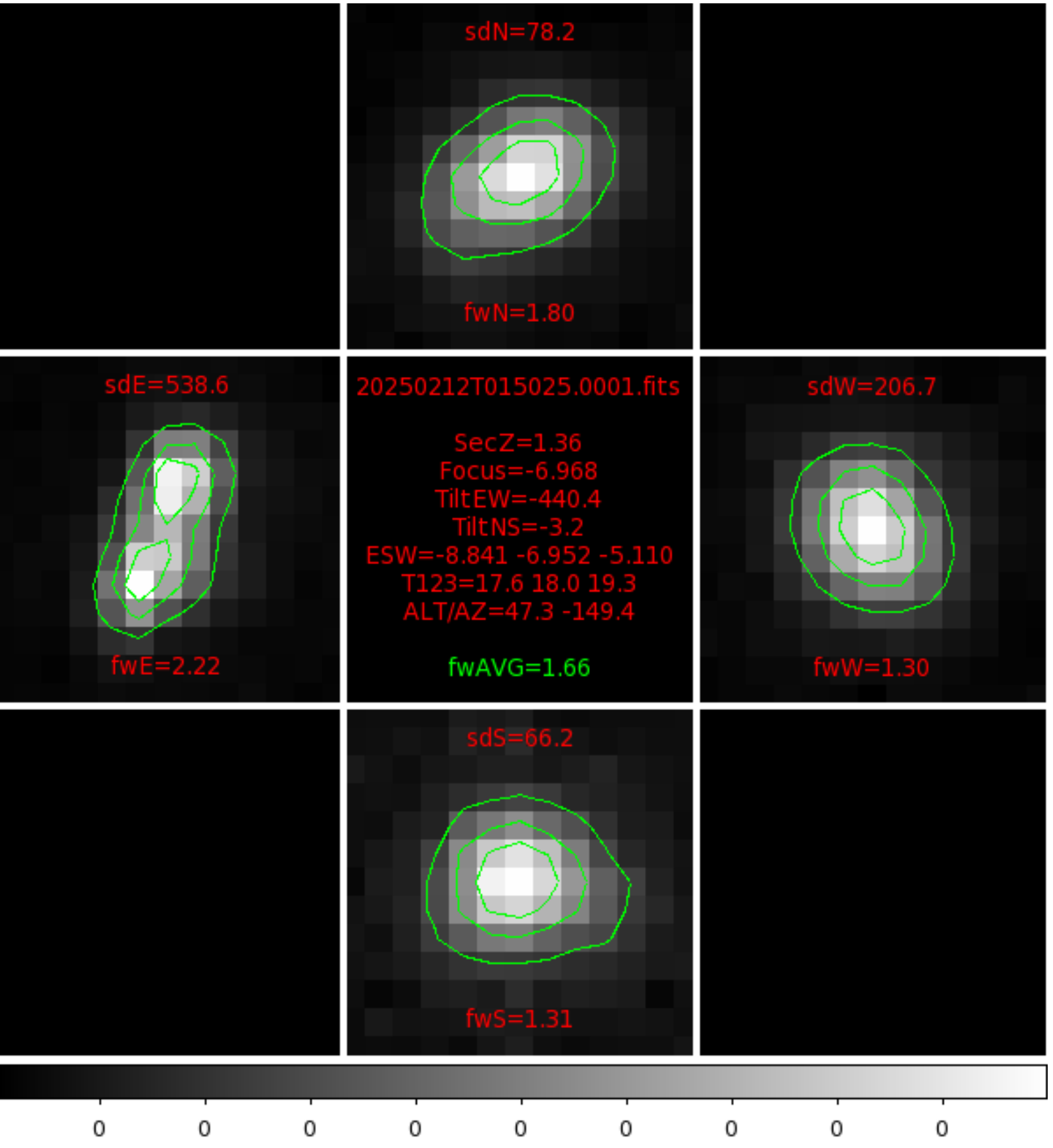
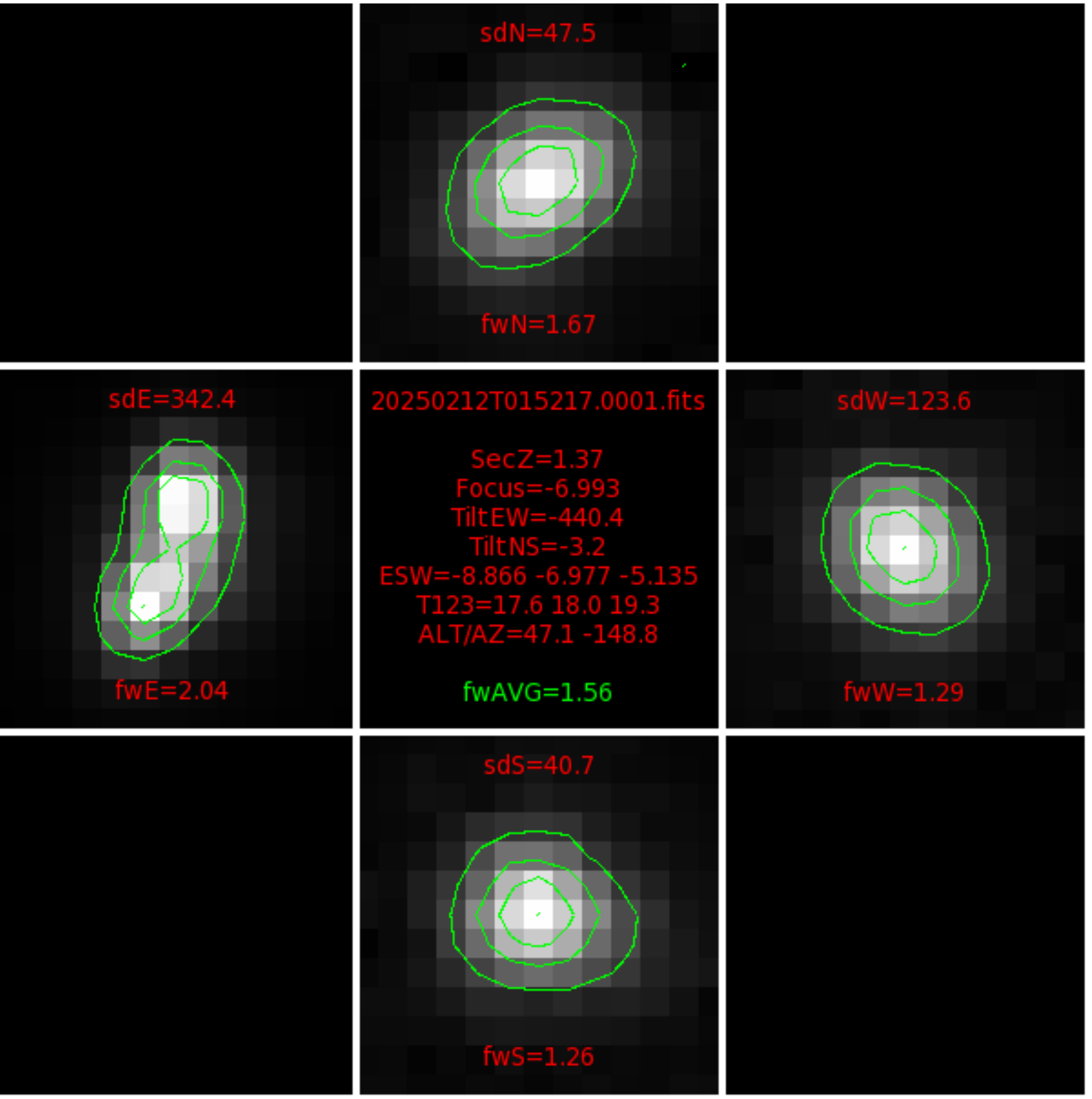

sdN=78.2
fwN=1.80
sdE=538.6
fwE=2.22
20250212T015025.0001.fits
SecZ=1.36
Focus=-6.968
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.841 -6.952 -5.110
T123=17.6 18.0 19.3
ALT/AZ=47.3 -149.4
fwAVG=1.66
sdW=206.7
fwW=1.30
sdS=66.2
fwS=1.31
0 0 0 0 0 0 0 0 0


sdN=47.5
fwN=1.67
sdE=342.4
fwE=2.04
20250212T015217.0001.fits
SecZ=1.37
Focus=-6.993
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.866 -6.977 -5.135
T123=17.6 18.0 19.3
ALT/AZ=47.1 -148.8
fwAVG=1.56
sdW=123.6
fwW=1.29
sdS=40.7
fwS=1.26
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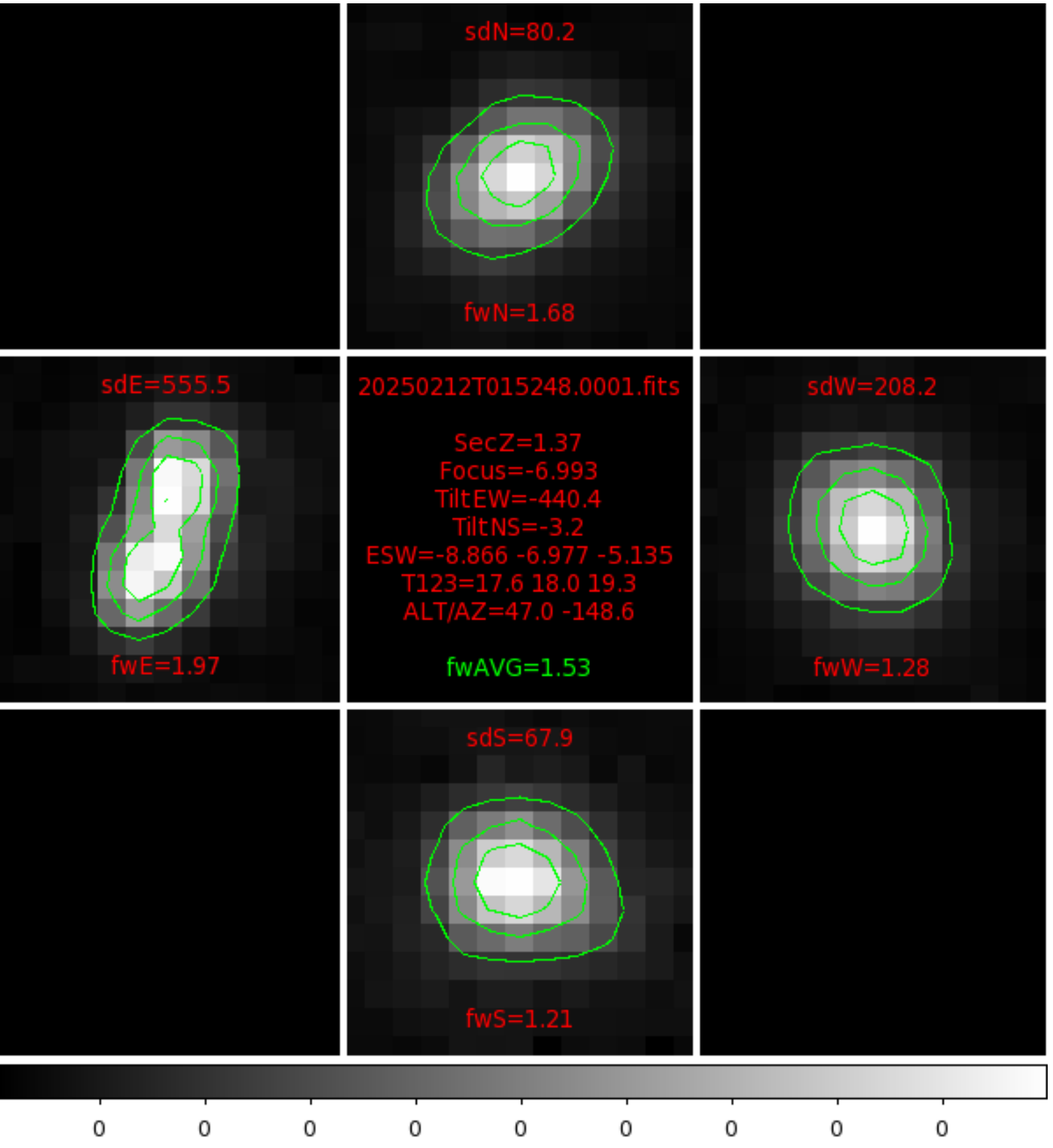
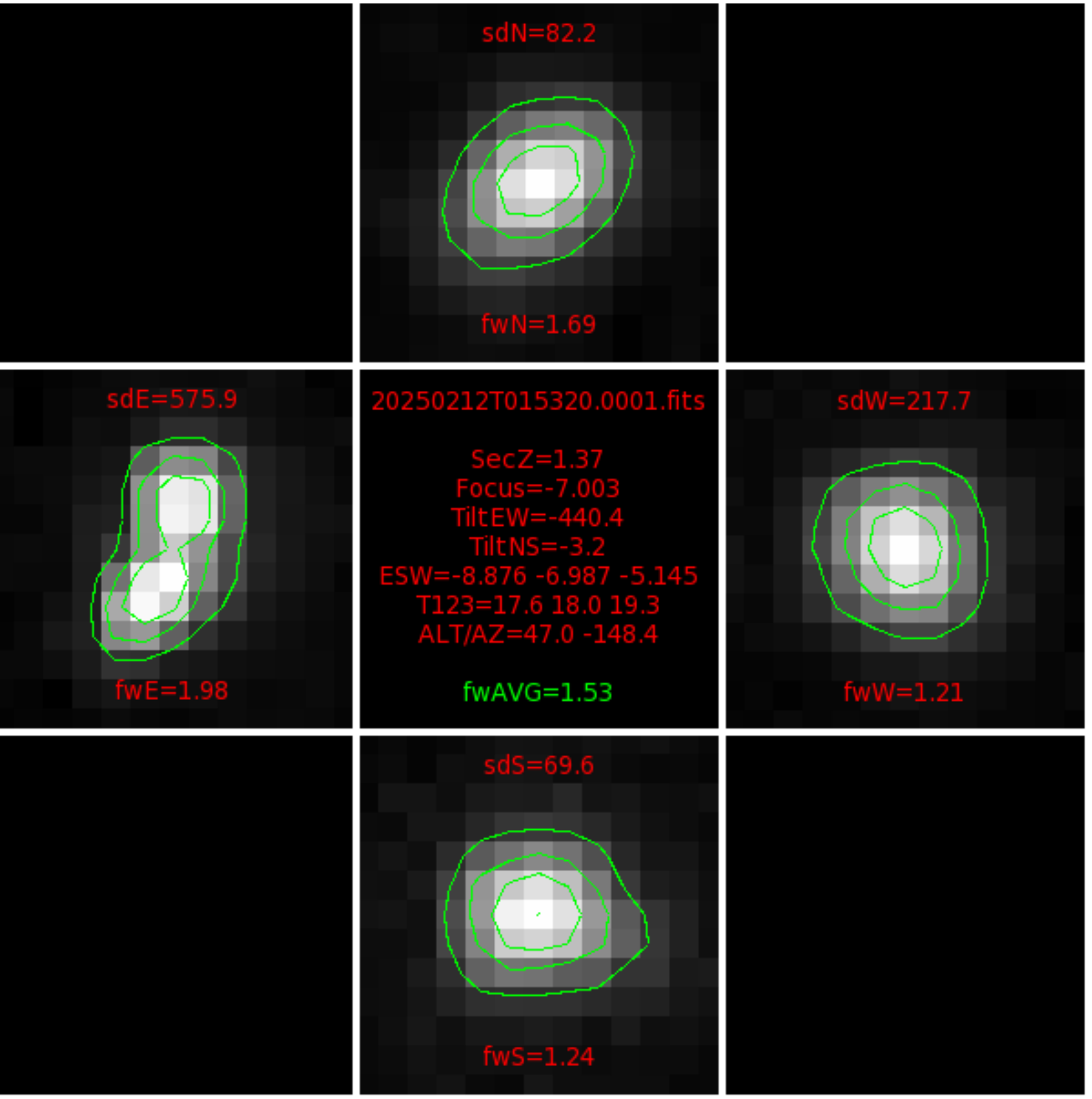

sdN=80.2
fwN=1.68
sdE=555.5
fwE=1.97
20250212T015248.0001.fits
SecZ=1.37
Focus=-6.993
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.866 -6.977 -5.135
T123=17.6 18.0 19.3
ALT/AZ=47.0 -148.6
fwAVG=1.53
sdW=208.2
fwW=1.28
sdS=67.9
fwS=1.21
0 0 0 0 0 0 0 0 0


sdN=82.2
fwN=1.69
sdE=575.9
fwE=1.98
20250212T015320.0001.fits
SecZ=1.37
Focus=-7.003
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.876 -6.987 -5.145
T123=17.6 18.0 19.3
ALT/AZ=47.0 -148.4
fwAVG=1.53
sdW=217.7
fwW=1.21
sdS=69.6
fwS=1.24
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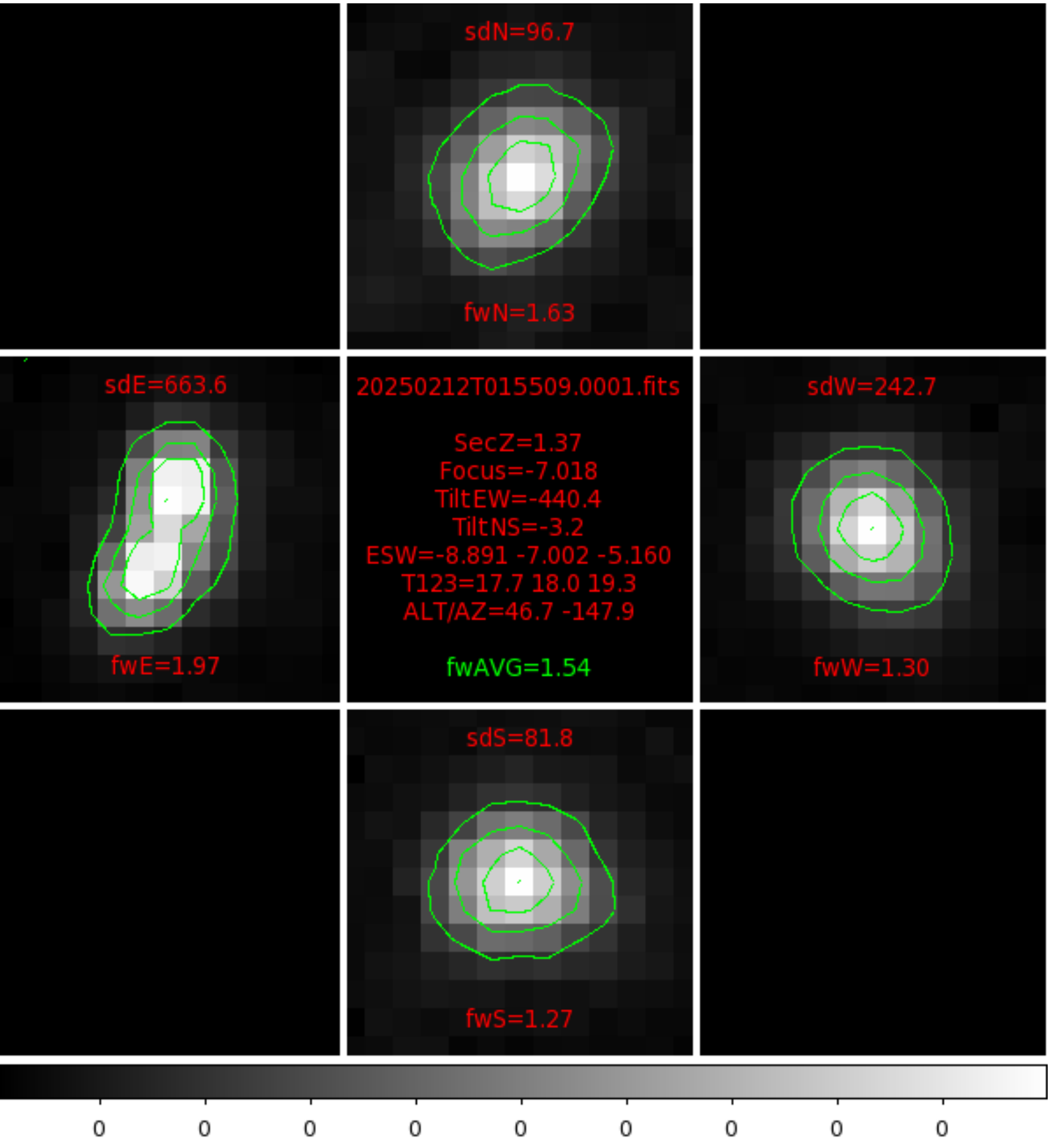
sdN=96.7
fwN=1.63
sdE=663.6
fwE=1.97
20250212T015509.0001.fits
SecZ=1.37
Focus=-7.018
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.891 -7.002 -5.160
T123=17.7 18.0 19.3
ALT/AZ=46.7 -147.9
fwAVG=1.54
sdW=242.7
fwW=1.30
sdS=81.8
fwS=1.27
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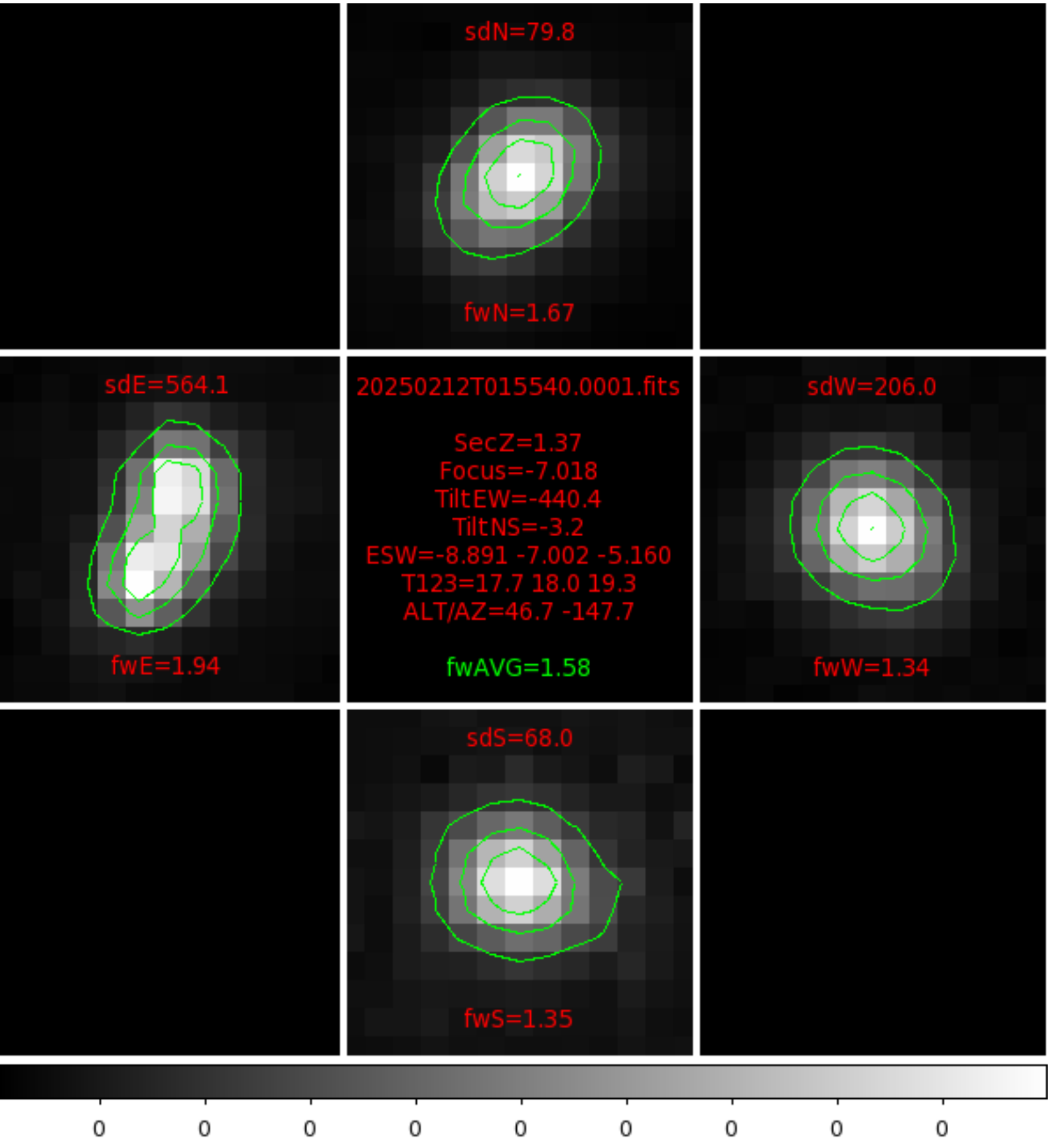
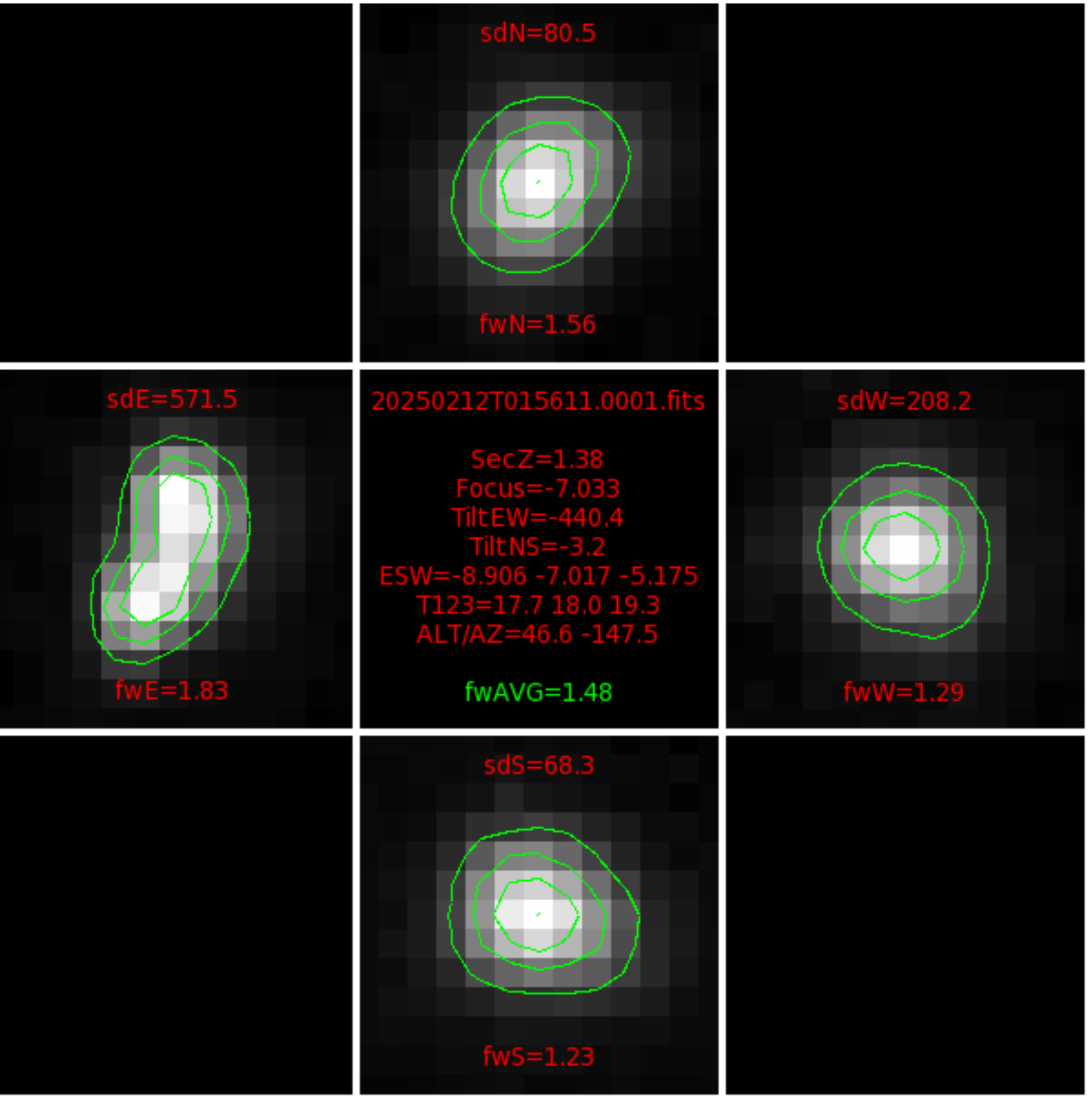

sdN=79.8
fwN=1.67
sdE=564.1
fwE=1.94
20250212T015540.0001.fits
SecZ=1.37
Focus=-7.018
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.891 -7.002 -5.160
T123=17.7 18.0 19.3
ALT/AZ=46.7 -147.7
fwAVG=1.58
sdW=206.0
fwW=1.34
sdS=68.0
fwS=1.35
0 0 0 0 0 0 0 0 0


sdN=80.5
fwN=1.56
sdE=571.5
fwE=1.83
20250212T015611.0001.fits
SecZ=1.38
Focus=-7.033
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.906 -7.017 -5.175
T123=17.7 18.0 19.3
ALT/AZ=46.6 -147.5
fwAVG=1.48
sdW=208.2
fwW=1.29
sdS=68.3
fwS=1.23
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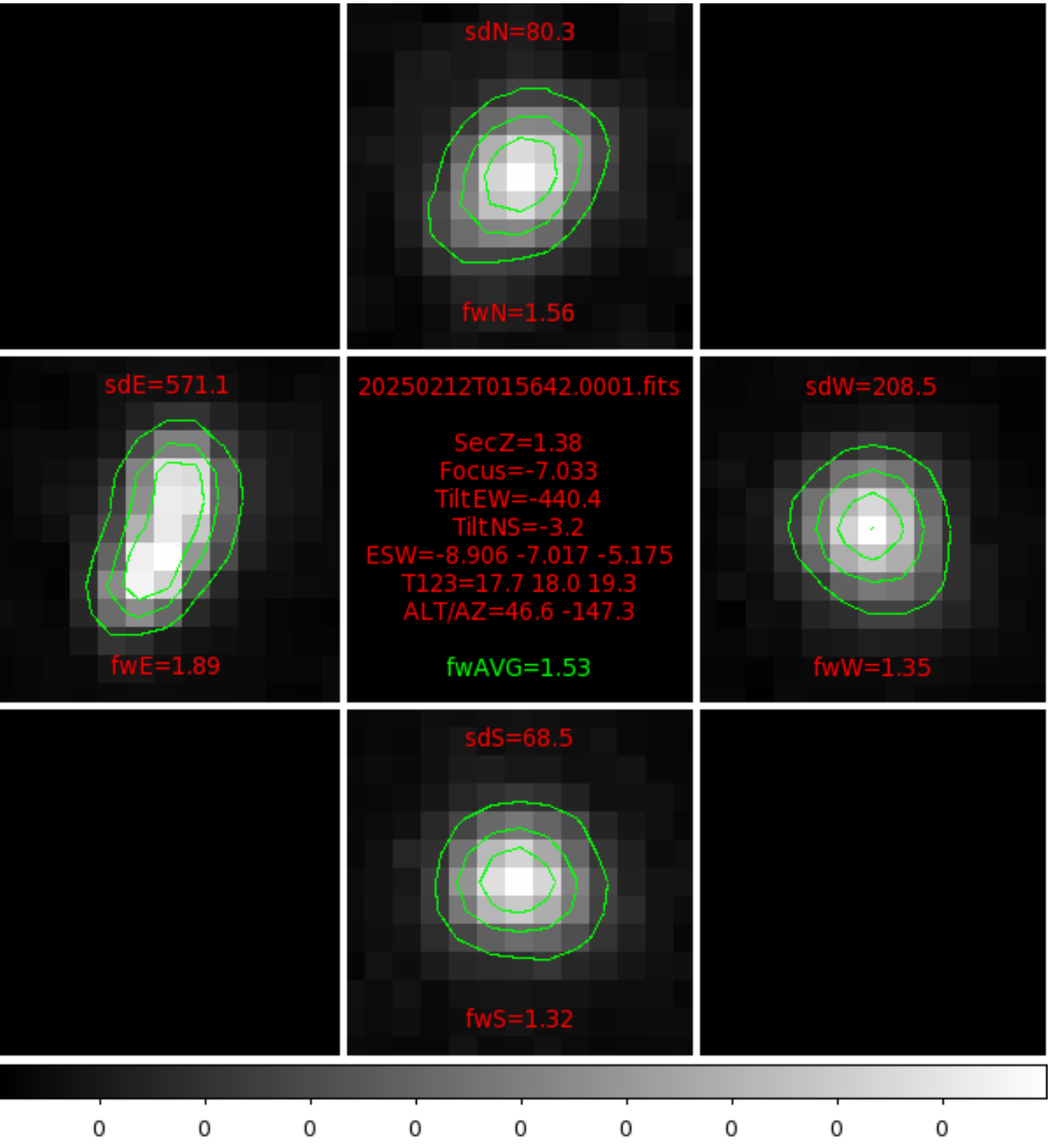
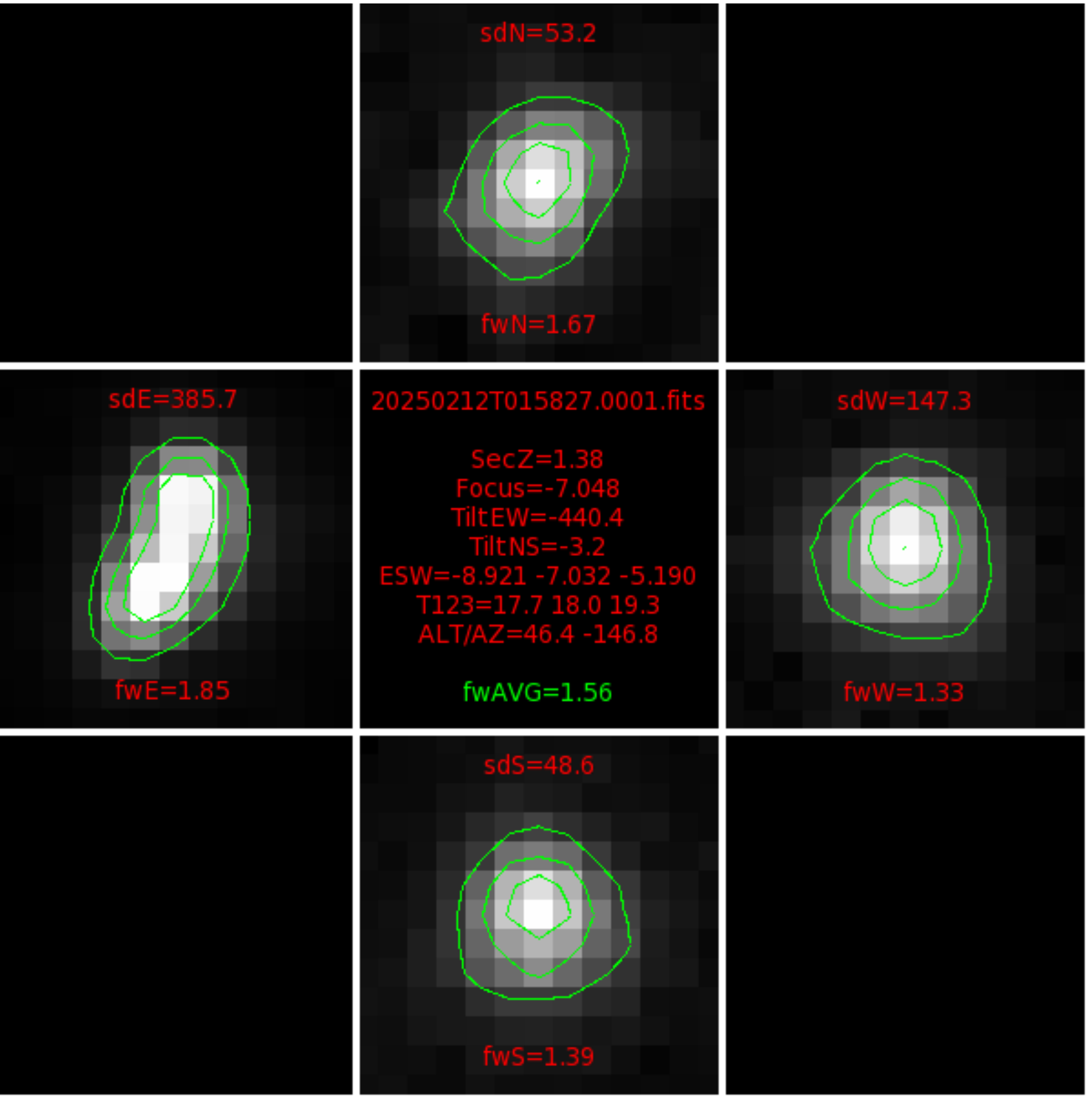

sdN=80.3
fwN=1.56
sdE=571.1
fwE=1.89
20250212T015642.0001.fits
SecZ=1.38
Focus=-7.033
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.906 -7.017 -5.175
T123=17.7 18.0 19.3
ALT/AZ=46.6 -147.3
fwAVG=1.53
sdW=208.5
fwW=1.35
sdS=68.5
fwS=1.32
0 0 0 0 0 0 0 0 0


sdN=53.2
fwN=1.67
sdE=385.7
fwE=1.85
20250212T015827.0001.fits
SecZ=1.38
Focus=-7.048
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.921 -7.032 -5.190
T123=17.7 18.0 19.3
ALT/AZ=46.4 -146.8
fwAVG=1.56
sdW=147.3
fwW=1.33
sdS=48.6
fwS=1.39
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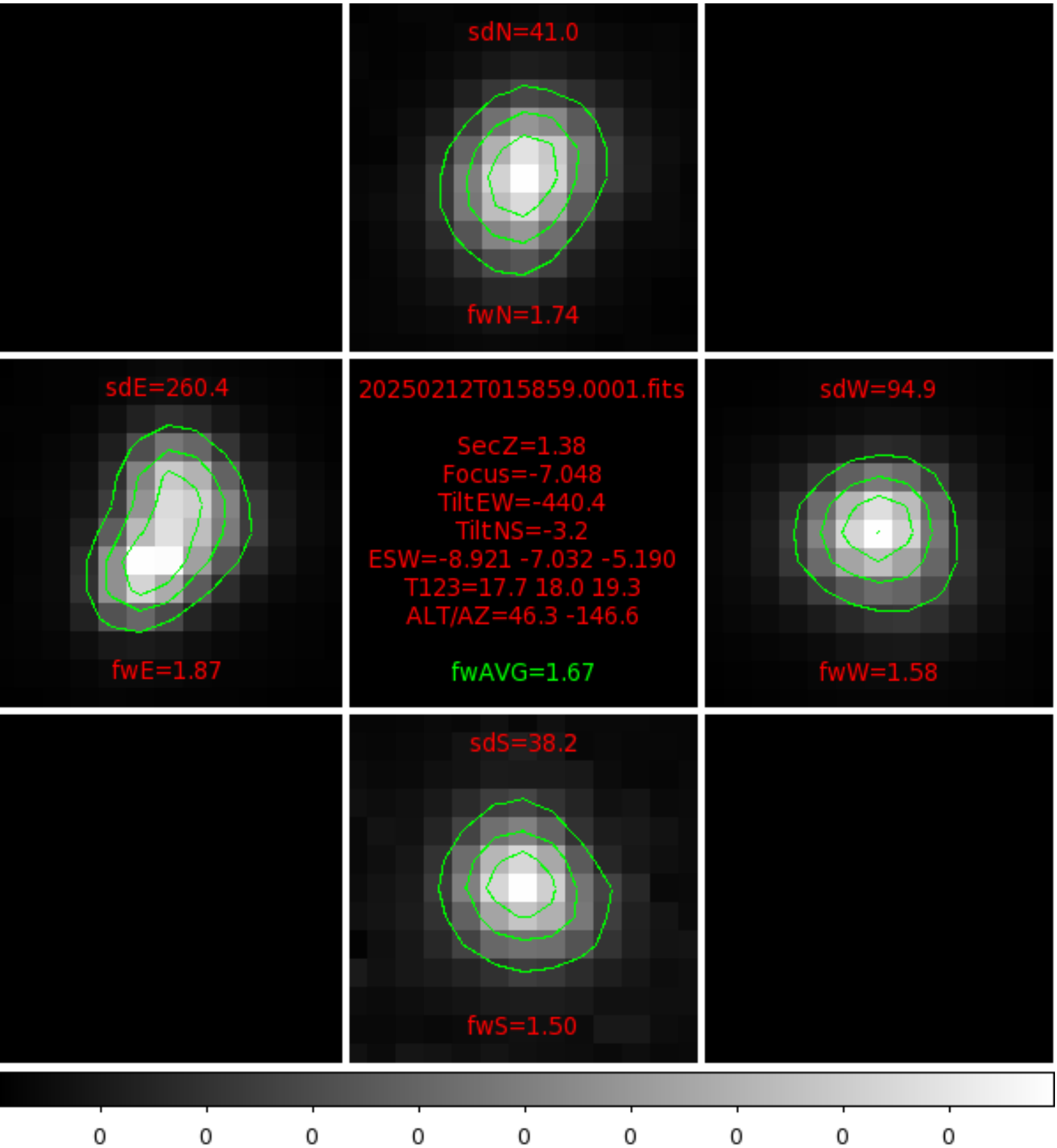
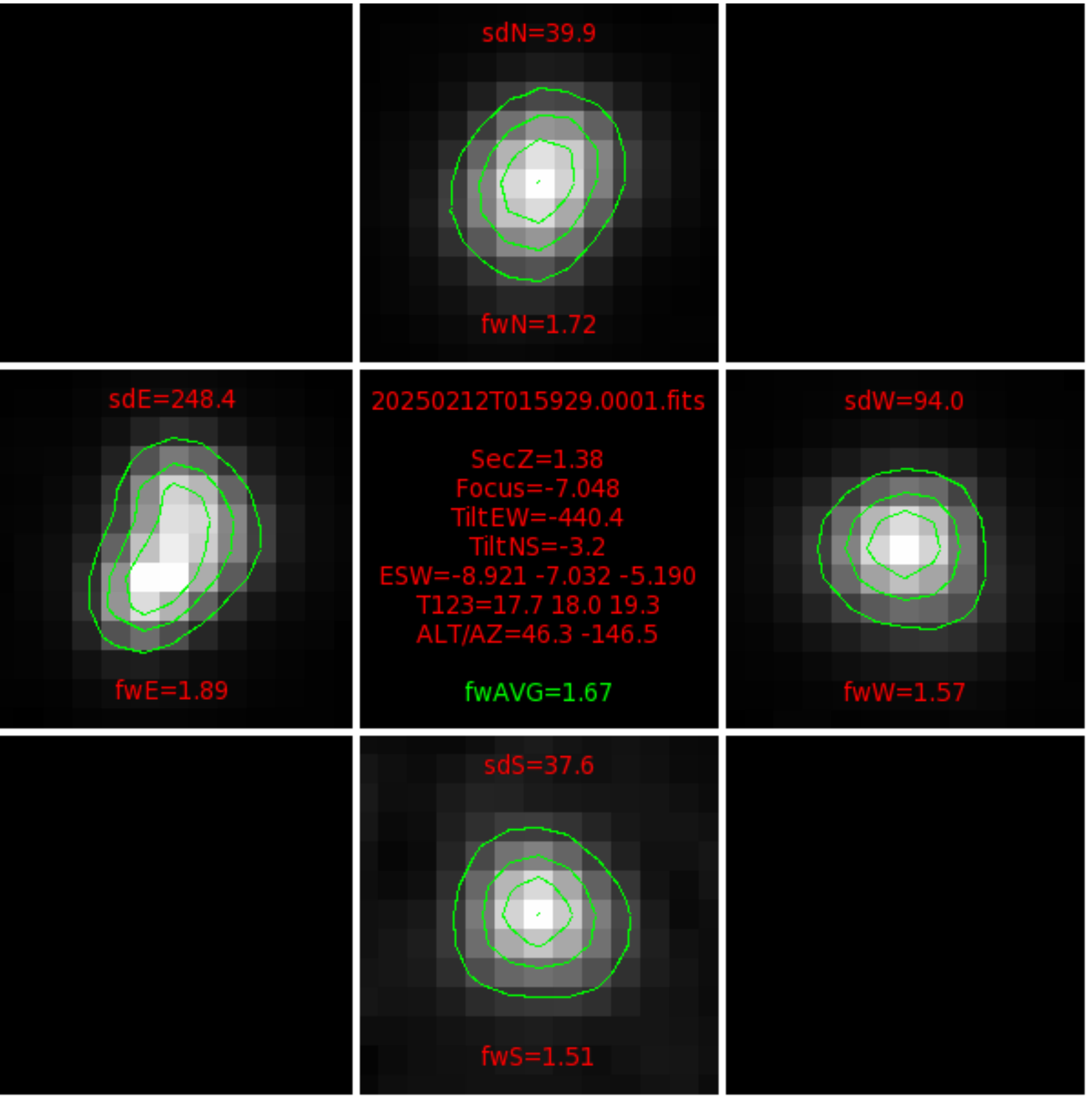
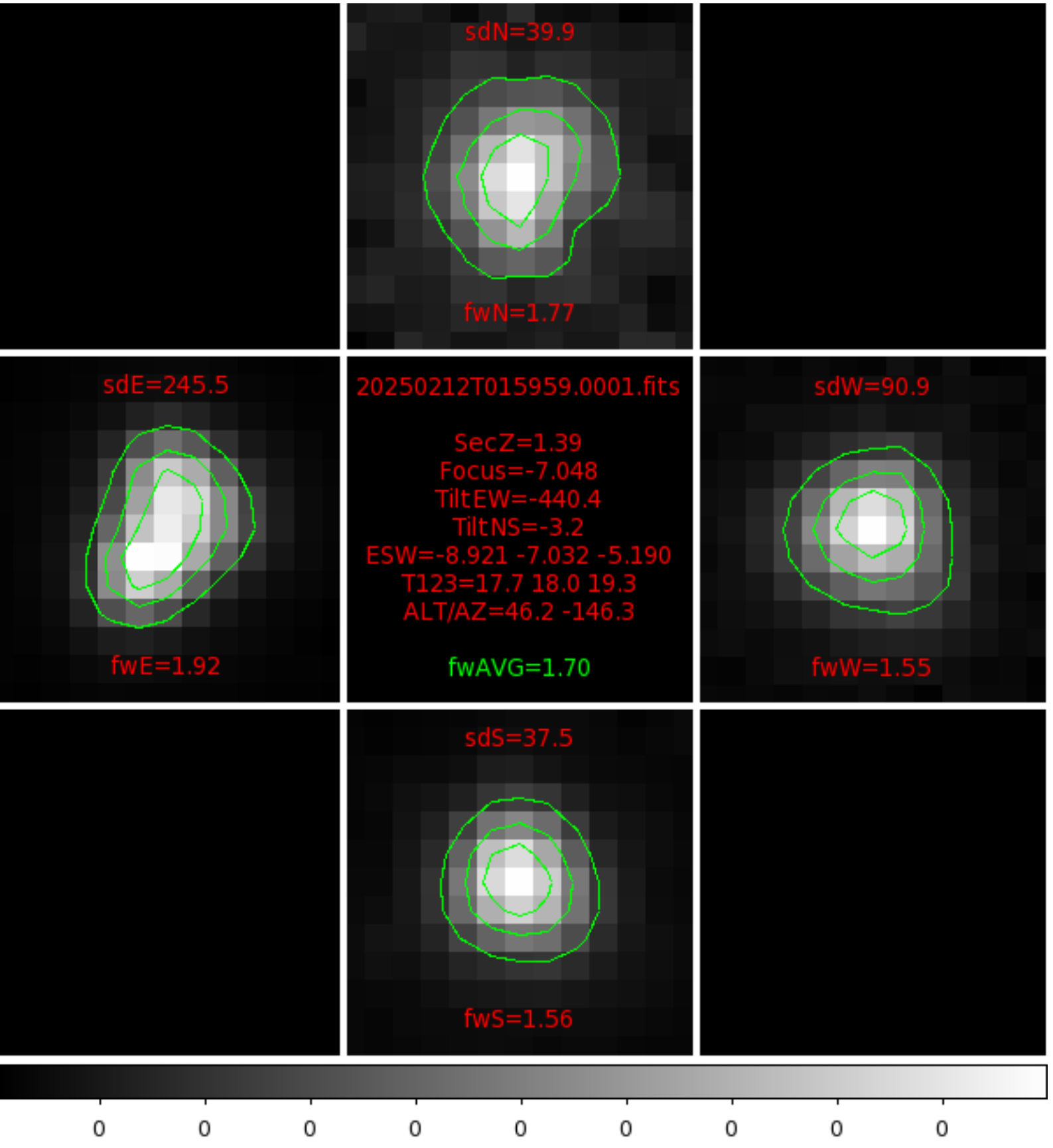
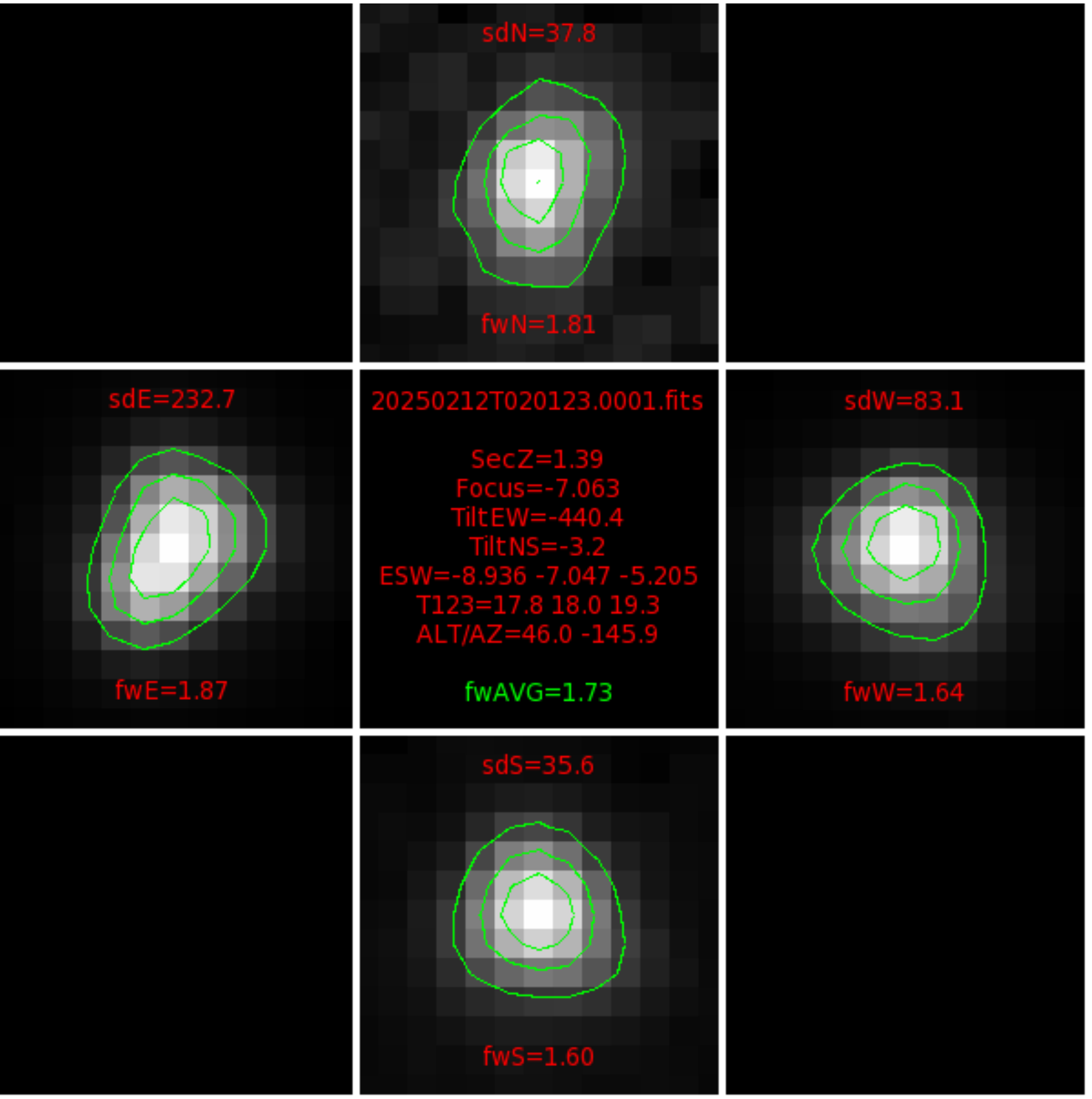
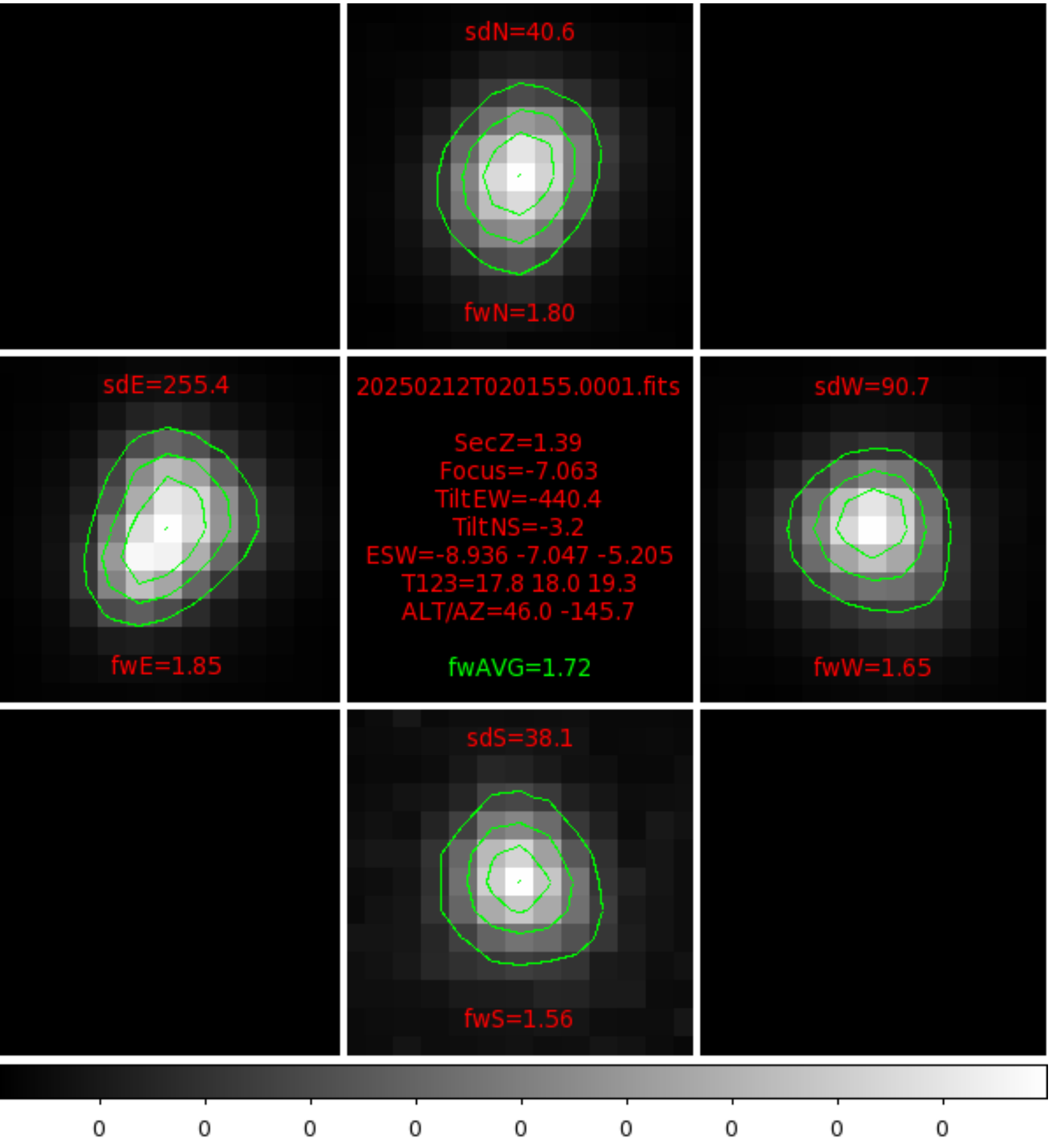
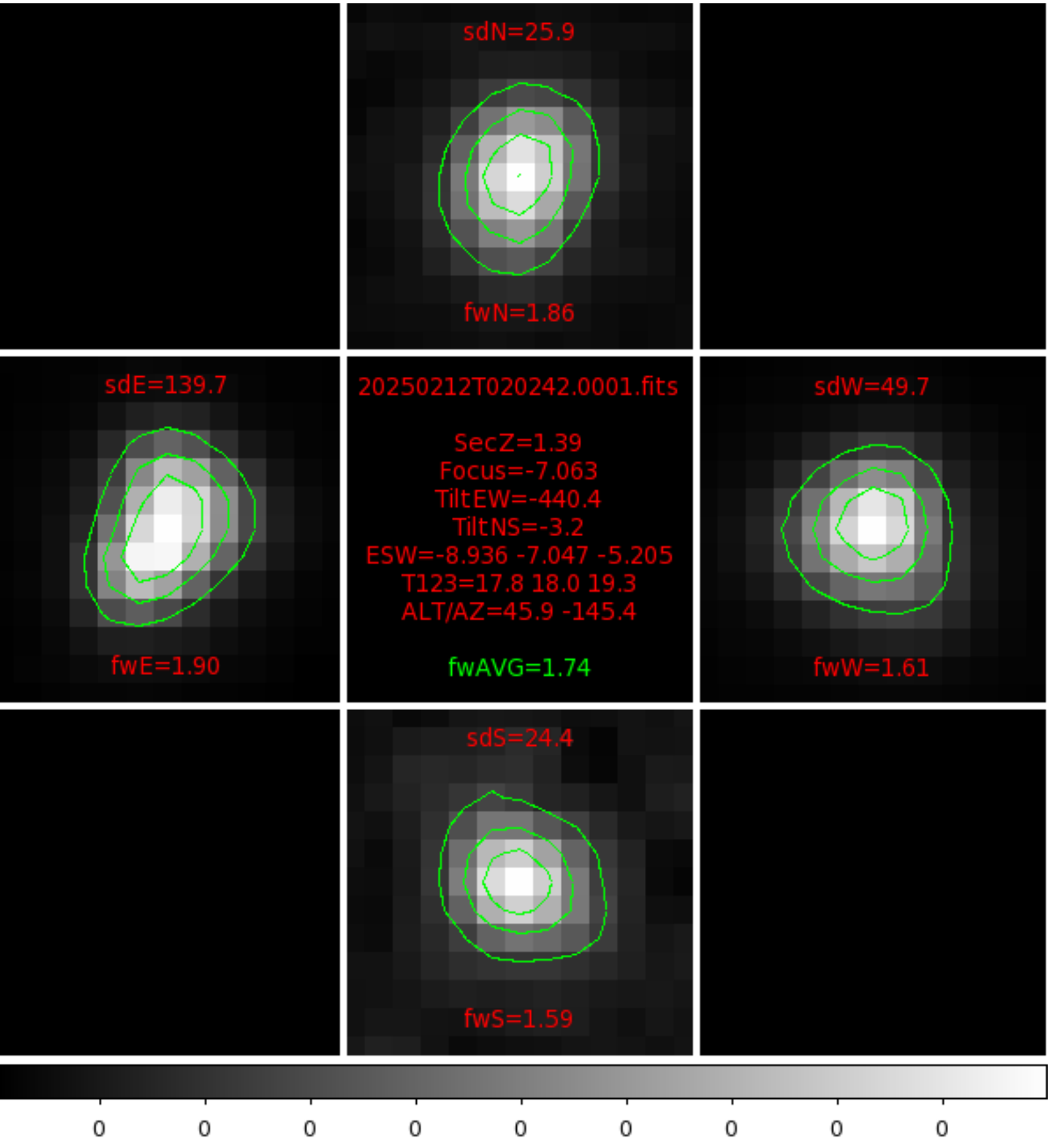

sdN=41.0
fwN=1.74
sdE=260.4
fwE=1.87
20250212T015859.0001.fits
SecZ=1.38
Focus=-7.048
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.921 -7.032 -5.190
T123=17.7 18.0 19.3
ALT/AZ=46.3 -146.6
fwAVG=1.67
sdW=94.9
fwW=1.58
sdS=38.2
fwS=1.50
0 0 0 0 0 0 0 0 0

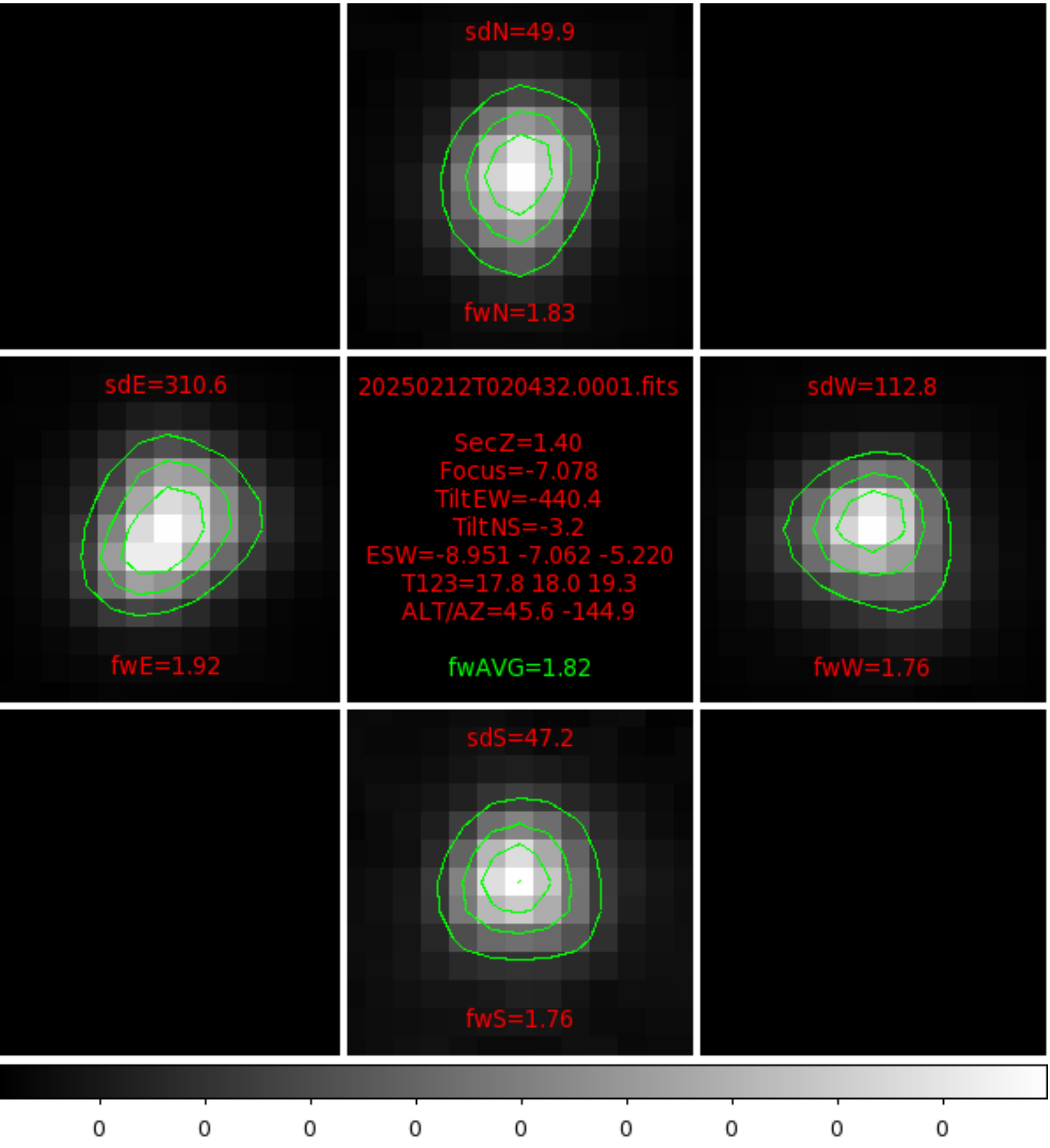

sdN=39.9
fwN=1.72
sdE=248.4
fwE=1.89
20250212T015929.0001.fits
SecZ=1.38
Focus=-7.048
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.921 -7.032 -5.190
T123=17.7 18.0 19.3
ALT/AZ=46.3 -146.5
fwAVG=1.67
sdW=94.0
fwW=1.57
sdS=37.6
fwS=1.51
0 0 0 0 0 0 0 0 0

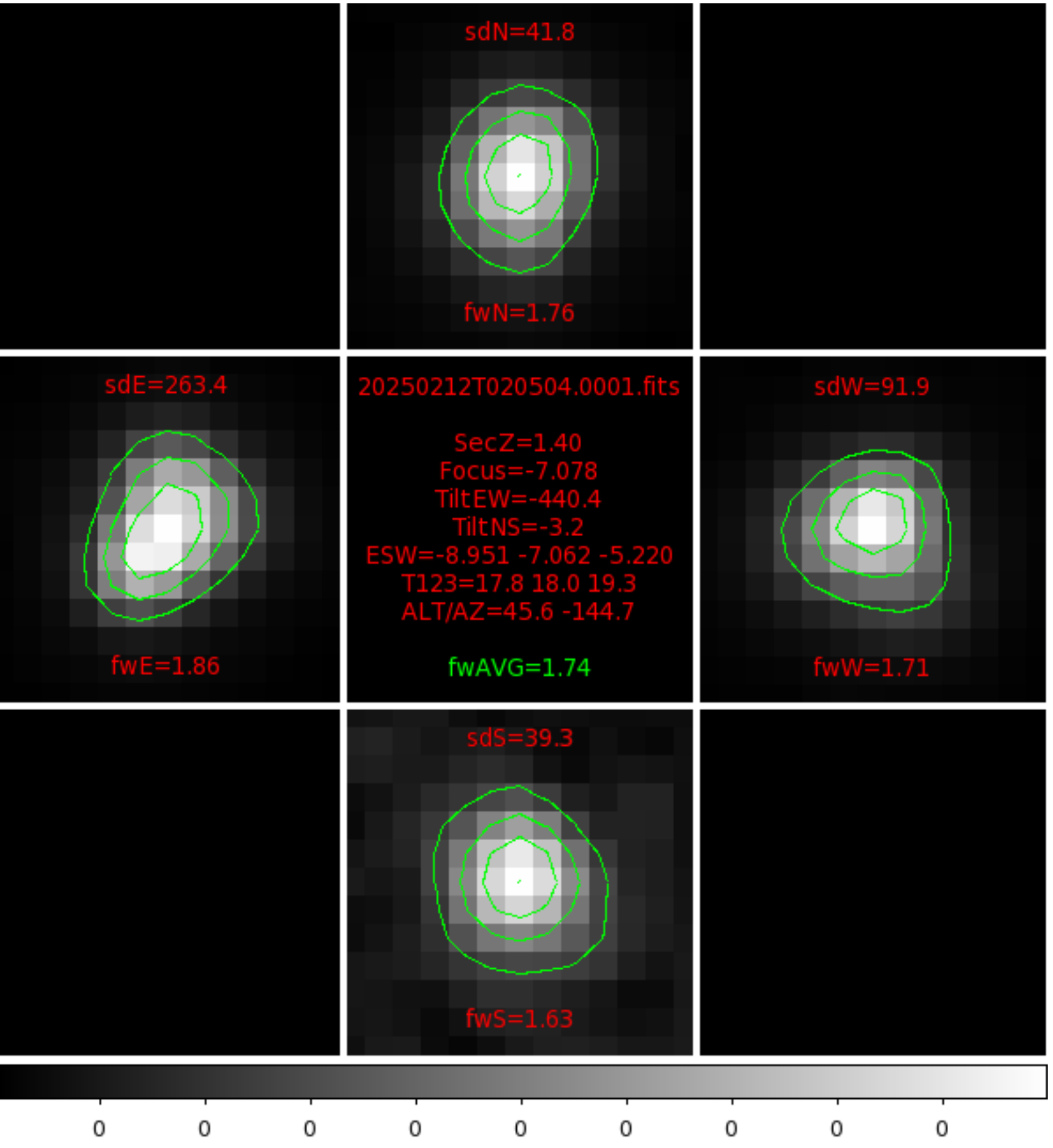

sdN=39.9
fwN=1.77
sdE=245.5
fwE=1.92
20250212T015959.0001.fits
SecZ=1.39
Focus=-7.048
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.921 -7.032 -5.190
T123=17.7 18.0 19.3
ALT/AZ=46.2 -146.3
fwAVG=1.70
sdW=90.9
fwW=1.55
sdS=37.5
fwS=1.56
0 0 0 0 0 0 0 0 0

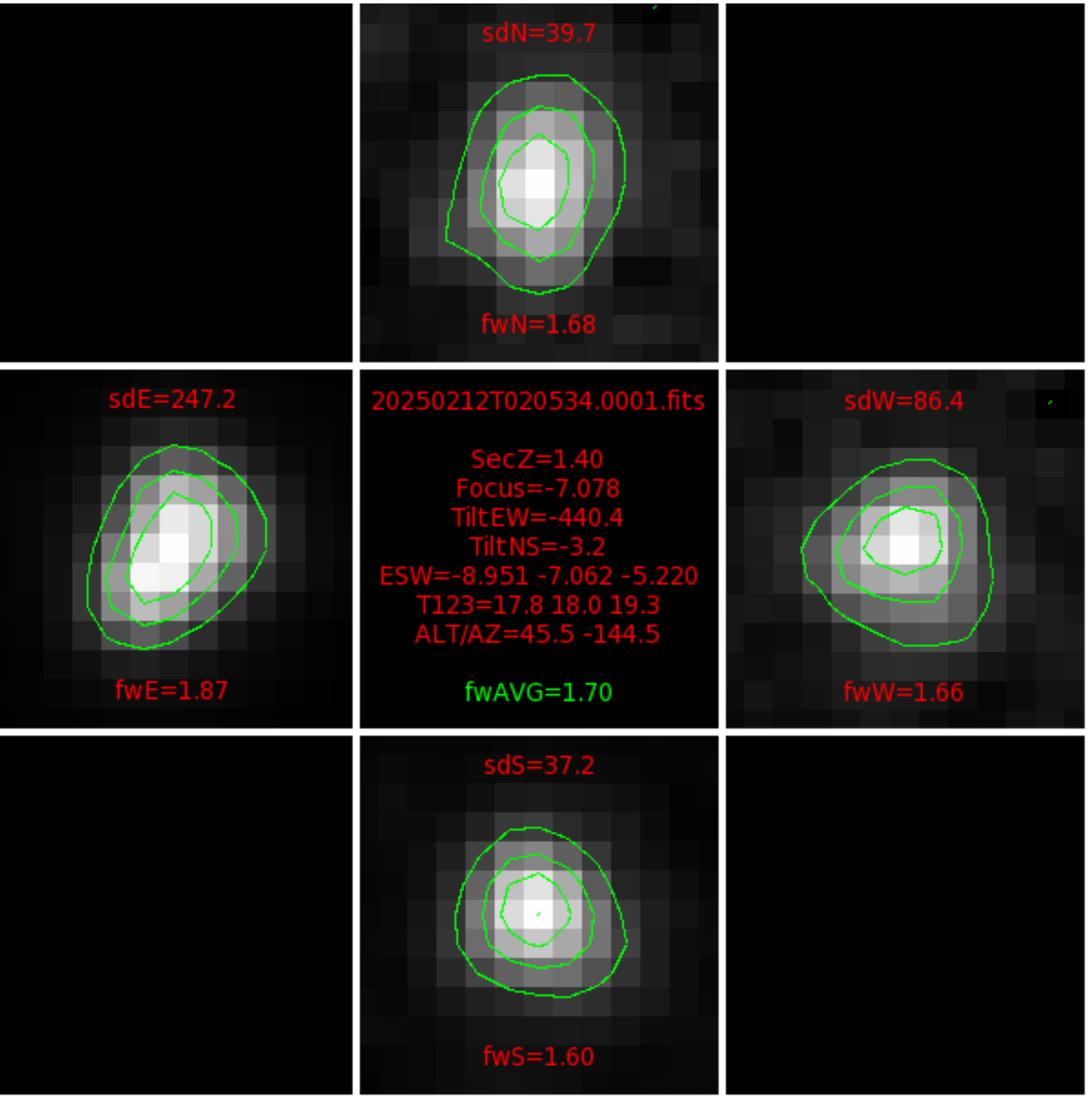

sdN=37.8
fwN=1.81
sdE=232.7
fwE=1.87
20250212T020123.0001.fits
SecZ=1.39
Focus=-7.063
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.936 -7.047 -5.205
T123=17.8 18.0 19.3
ALT/AZ=46.0 -145.9
fwAVG=1.73
sdW=83.1
fwW=1.64
sdS=35.6
fwS=1.60
0 0 0 0 0 0 0 0 0

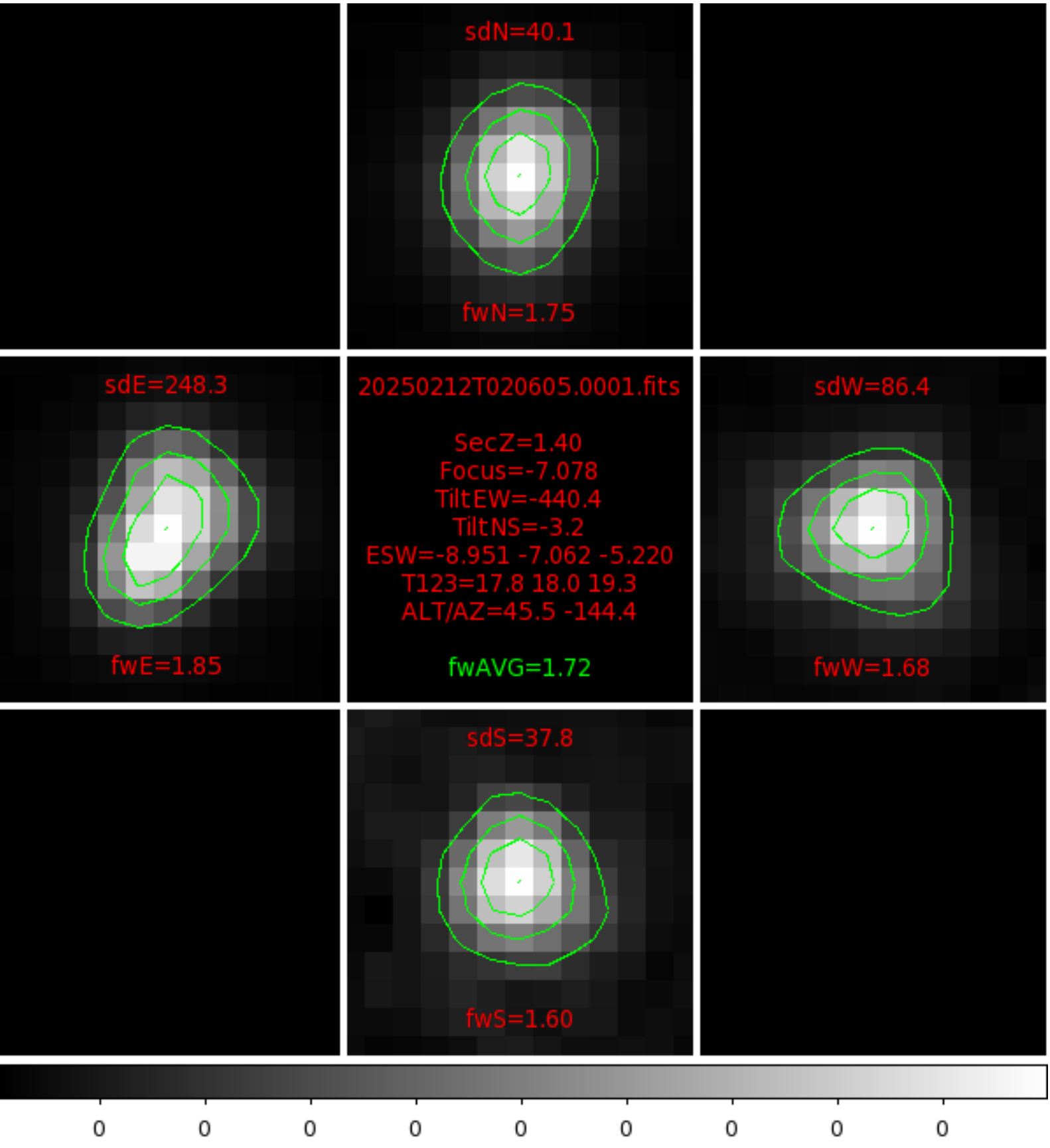

sdN=40.6
fwN=1.80
sdE=255.4
fwE=1.85
20250212T020155.0001.fits
SecZ=1.39
Focus=-7.063
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.936 -7.047 -5.205
T123=17.8 18.0 19.3
ALT/AZ=46.0 -145.7
fwAVG=1.72
sdW=90.7
fwW=1.65
sdS=38.1
fwS=1.56
0 0 0 0 0 0 0 0 0

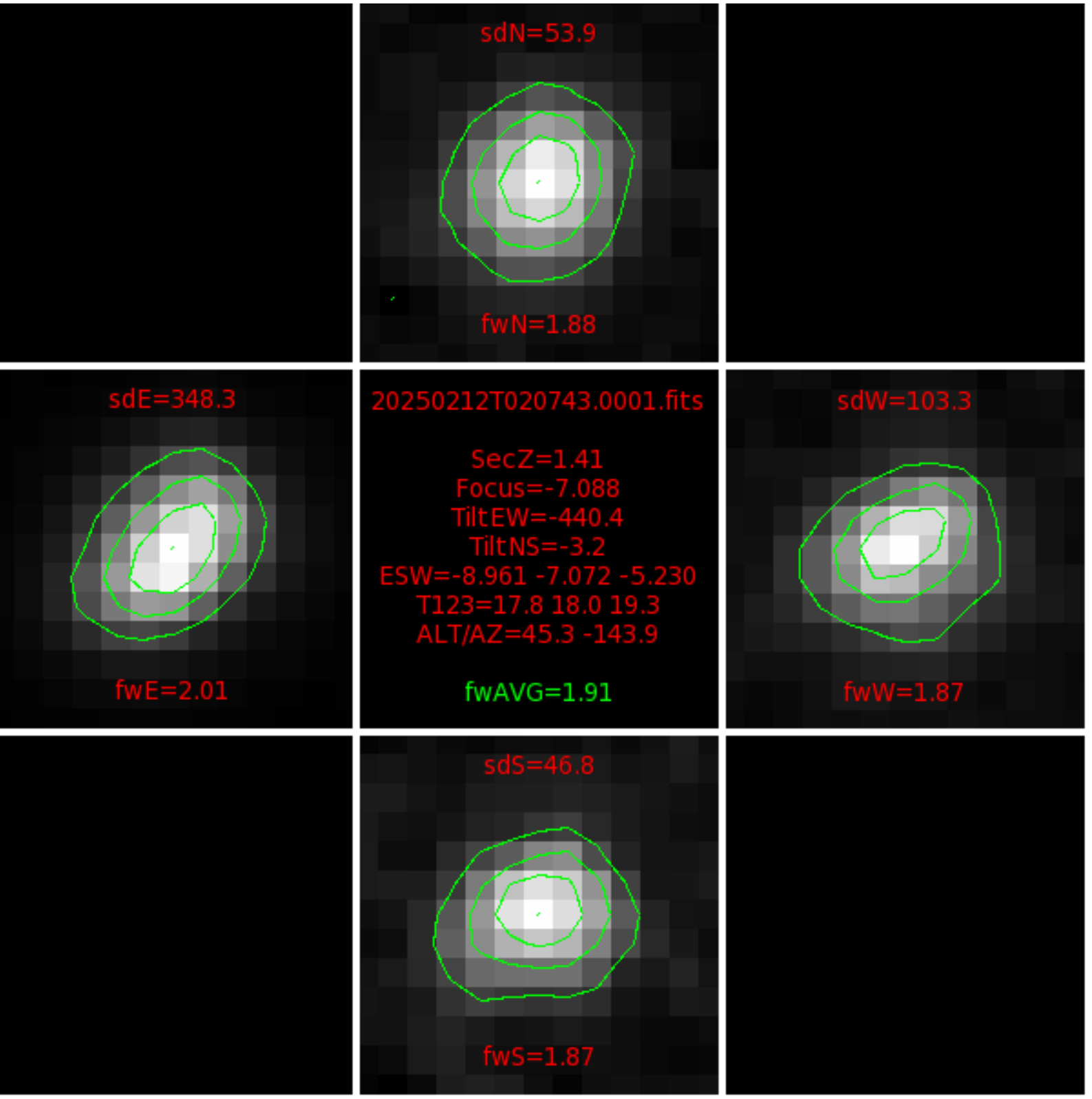

sdN=25.9
fwN=1.86
sdE=139.7
fwE=1.90
20250212T020242.0001.fits
SecZ=1.39
Focus=-7.063
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.936 -7.047 -5.205
T123=17.8 18.0 19.3
ALT/AZ=45.9 -145.4
fwAVG=1.74
sdW=49.7
fwW=1.61
sdS=24.4
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=49.9
fwN=1.83
sdE=310.6
fwE=1.92
20250212T020432.0001.fits
SecZ=1.40
Focus=-7.078
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.951 -7.062 -5.220
T123=17.8 18.0 19.3
ALT/AZ=45.6 -144.9
fwAVG=1.82
sdW=112.8
fwW=1.76
sdS=47.2
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=41.8
fwN=1.76
sdE=263.4
fwE=1.86
20250212T020504.0001.fits
SecZ=1.40
Focus=-7.078
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.951 -7.062 -5.220
T123=17.8 18.0 19.3
ALT/AZ=45.6 -144.7
fwAVG=1.74
sdW=91.9
fwW=1.71
sdS=39.3
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=39.7
fwN=1.68
sdE=247.2
fwE=1.87
20250212T020534.0001.fits
SecZ=1.40
Focus=-7.078
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.951 -7.062 -5.220
T123=17.8 18.0 19.3
ALT/AZ=45.5 -144.5
fwAVG=1.70
sdW=86.4
fwW=1.66
sdS=37.2
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=40.1
fwN=1.75
sdE=248.3
fwE=1.85
20250212T020605.0001.fits
SecZ=1.40
Focus=-7.078
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.951 -7.062 -5.220
T123=17.8 18.0 19.3
ALT/AZ=45.5 -144.4
fwAVG=1.72
sdW=86.4
fwW=1.68
sdS=37.8
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=53.9
fwN=1.88
sdE=348.3
fwE=2.01
20250212T020743.0001.fits
SecZ=1.41
Focus=-7.088
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.961 -7.072 -5.230
T123=17.8 18.0 19.3
ALT/AZ=45.3 -143.9
fwAVG=1.91
sdW=103.3
fwW=1.87
sdS=46.8
fwS=1.87
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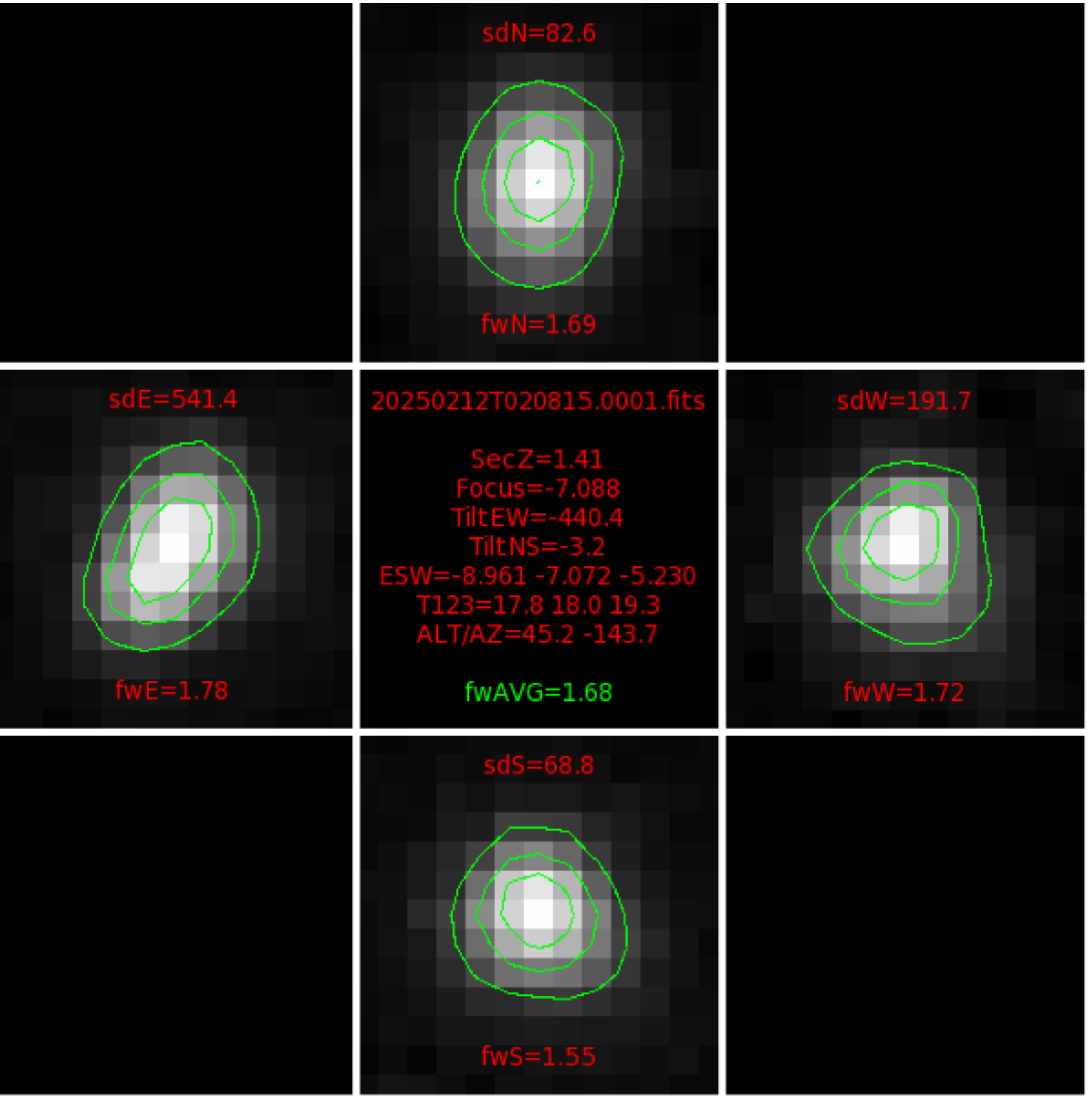
sdN=82.6
fwN=1.69
sdE=541.4
fwE=1.78
20250212T020815.0001.fits
SecZ=1.41
Focus=-7.088
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.961 -7.072 -5.230
T123=17.8 18.0 19.3
ALT/AZ=45.2 -143.7
fwAVG=1.68
sdW=191.7
fwW=1.72
sdS=68.8
fwS=1.55
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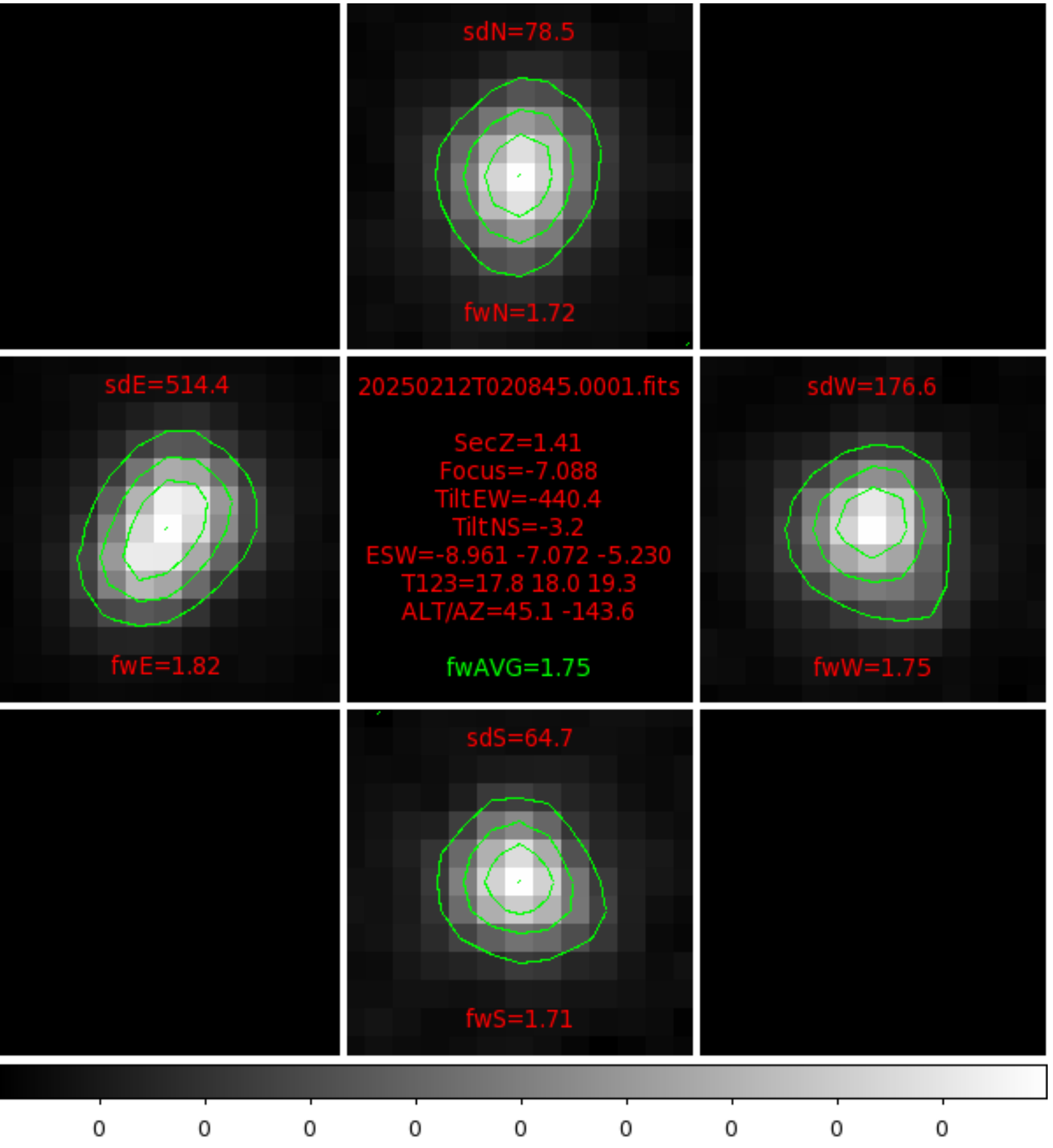
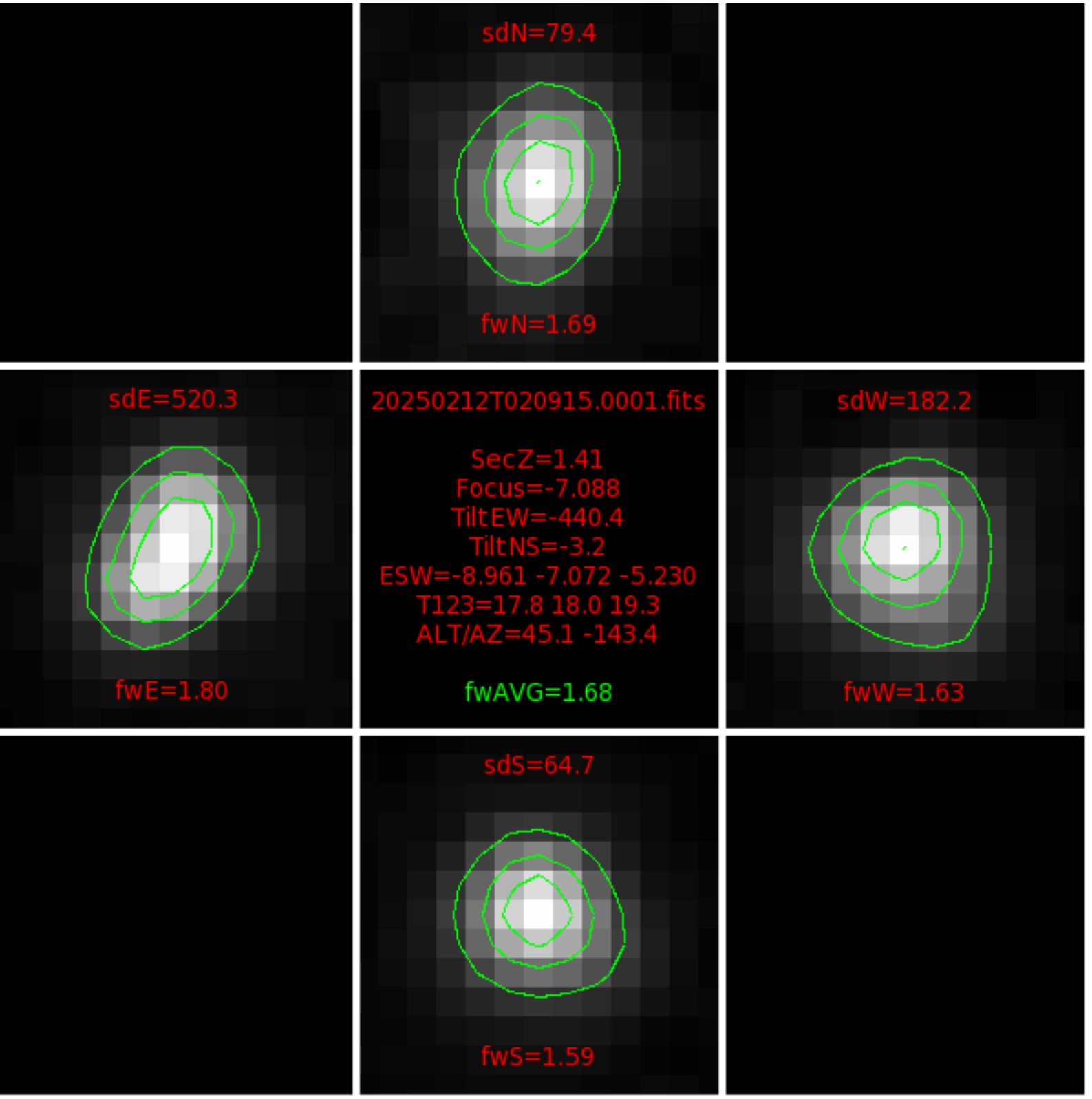
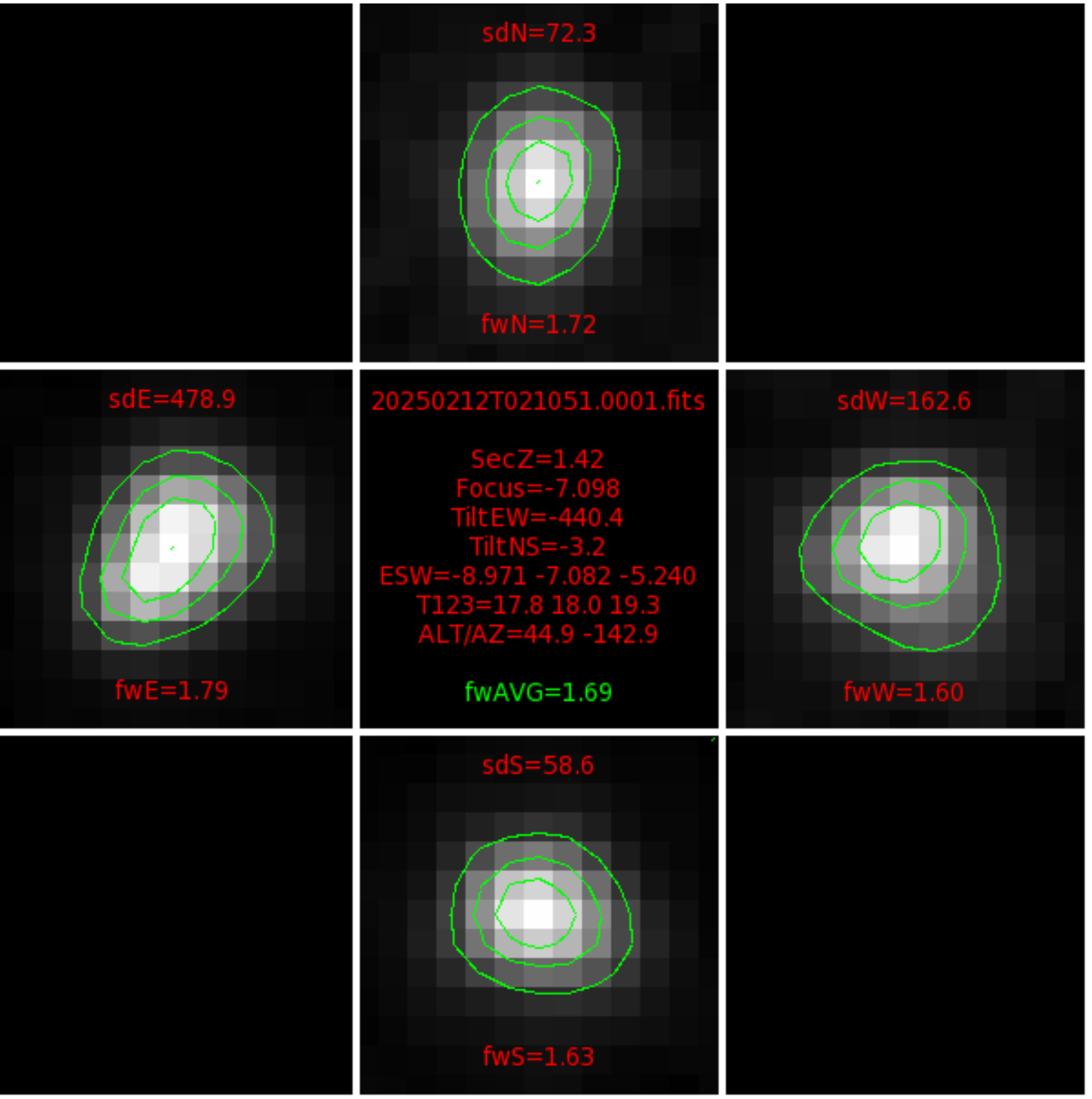

sdN=78.5
fwN=1.72
sdE=514.4
fwE=1.82
20250212T020845.0001.fits
SecZ=1.41
Focus=-7.088
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.961 -7.072 -5.230
T123=17.8 18.0 19.3
ALT/AZ=45.1 -143.6
fwAVG=1.75
sdW=176.6
fwW=1.75
sdS=64.7
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=79.4
fwN=1.69
sdE=520.3
fwE=1.80
20250212T020915.0001.fits
SecZ=1.41
Focus=-7.088
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.961 -7.072 -5.230
T123=17.8 18.0 19.3
ALT/AZ=45.1 -143.4
fwAVG=1.68
sdW=182.2
fwW=1.63
sdS=64.7
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=72.3
fwN=1.72
sdE=478.9
fwE=1.79
20250212T021051.0001.fits
SecZ=1.42
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=44.9 -142.9
fwAVG=1.69
sdW=162.6
fwW=1.60
sdS=58.6
fwS=1.63
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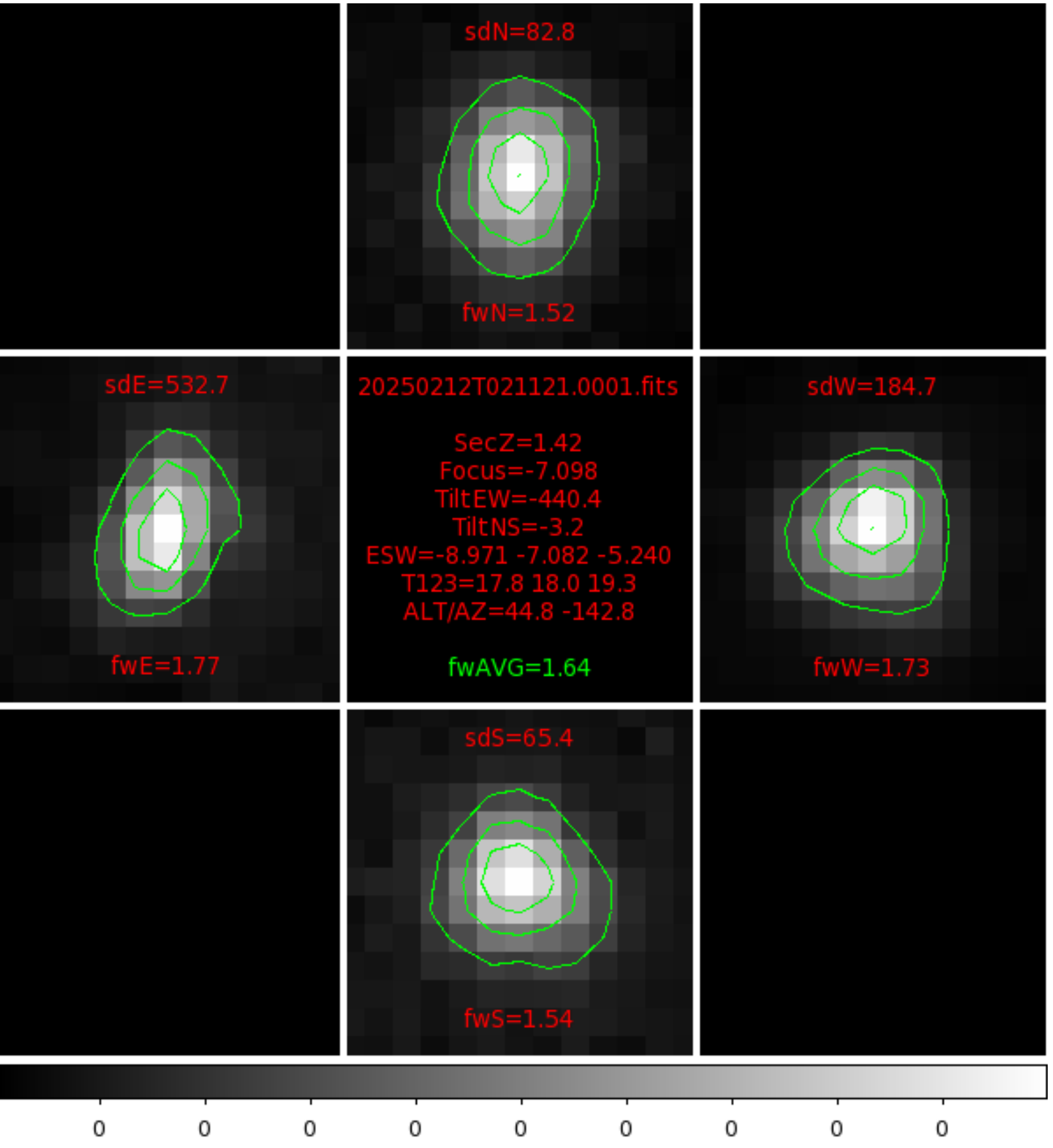
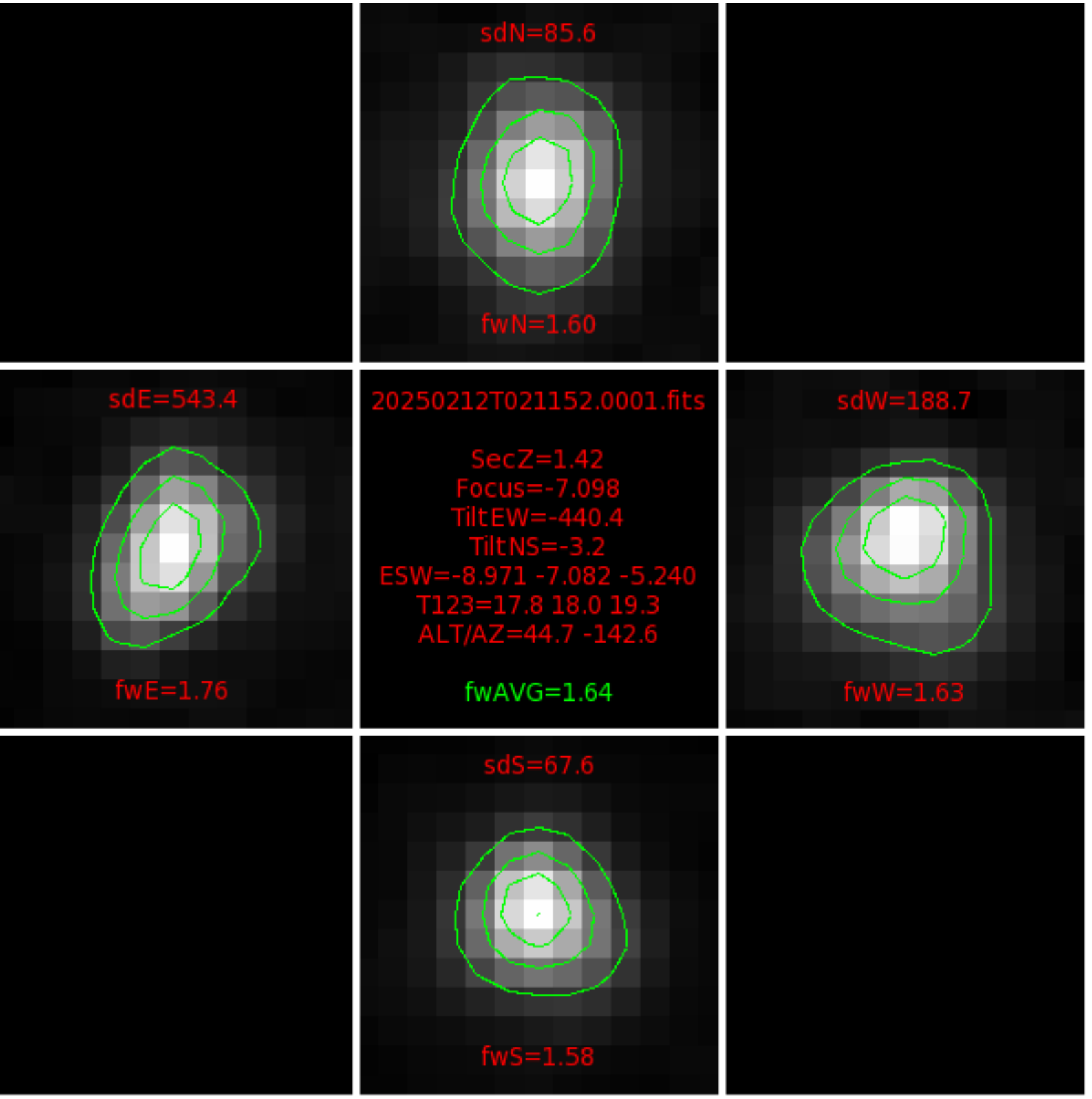

sdN=82.8
fwN=1.52
sdE=532.7
fwE=1.77
20250212T021121.0001.fits
SecZ=1.42
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=44.8 -142.8
fwAVG=1.64
sdW=184.7
fwW=1.73
sdS=65.4
fwS=1.54
0 0 0 0 0 0 0 0 0


sdN=85.6
fwN=1.60
sdE=543.4
fwE=1.76
20250212T021152.0001.fits
SecZ=1.42
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=44.7 -142.6
fwAVG=1.64
sdW=188.7
fwW=1.63
sdS=67.6
fwS=1.58
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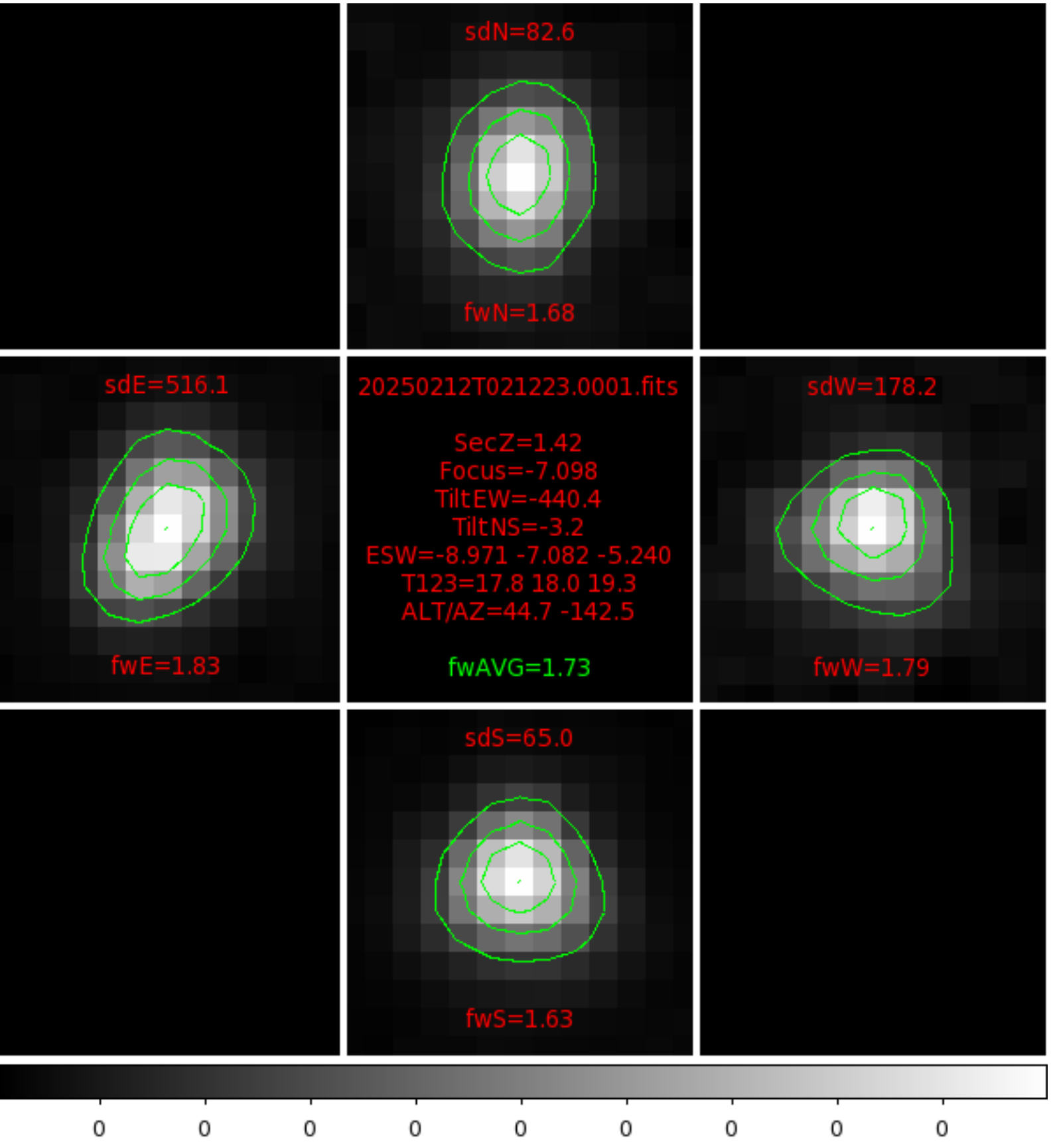
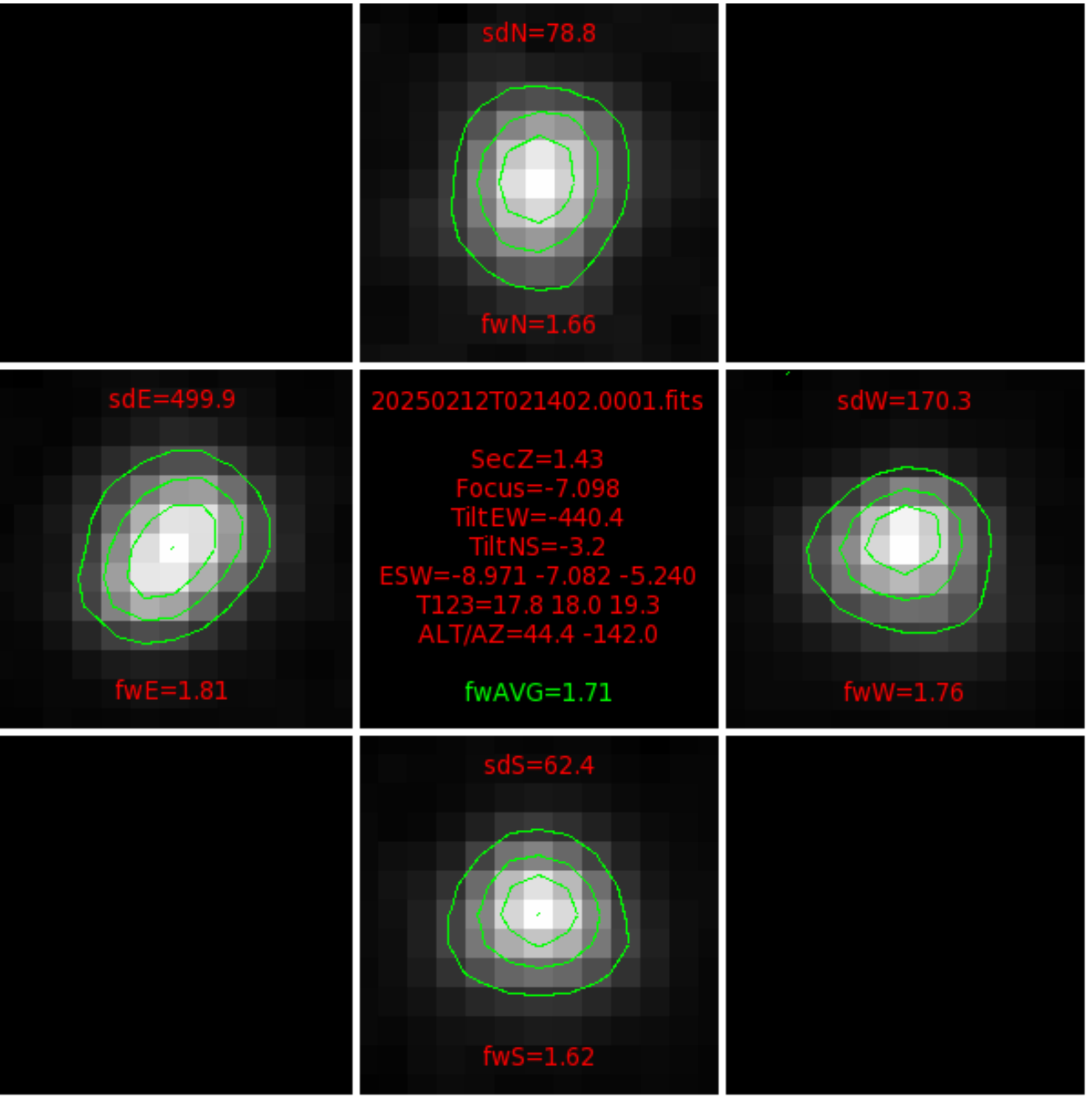

sdN=82.6
fwN=1.68
sdE=516.1
fwE=1.83
20250212T021223.0001.fits
SecZ=1.42
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=44.7 -142.5
fwAVG=1.73
sdW=178.2
fwW=1.79
sdS=65.0
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=78.8
fwN=1.66
sdE=499.9
fwE=1.81
20250212T021402.0001.fits
SecZ=1.43
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=44.4 -142.0
fwAVG=1.71
sdW=170.3
fwW=1.76
sdS=62.4
fwS=1.62
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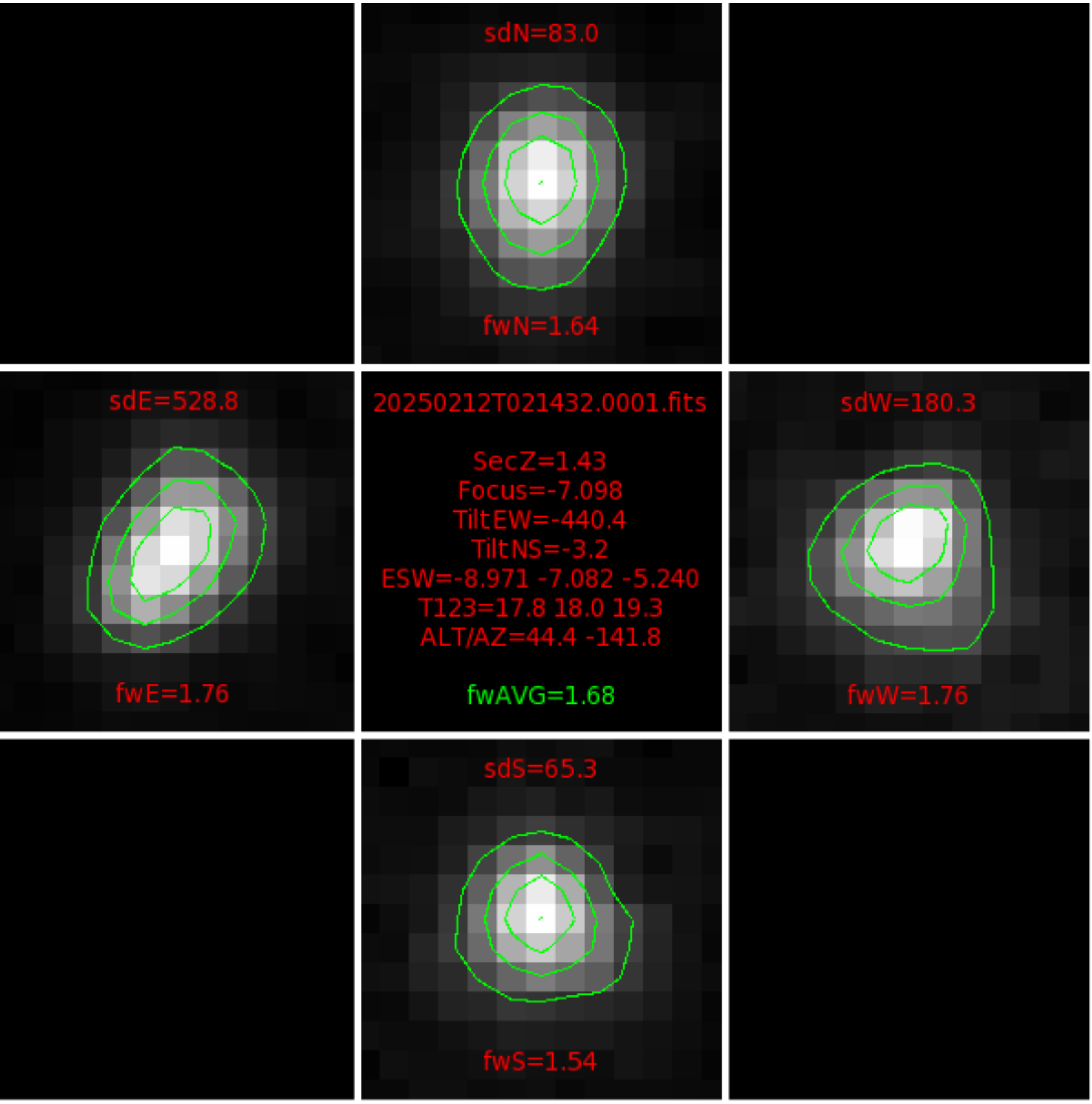
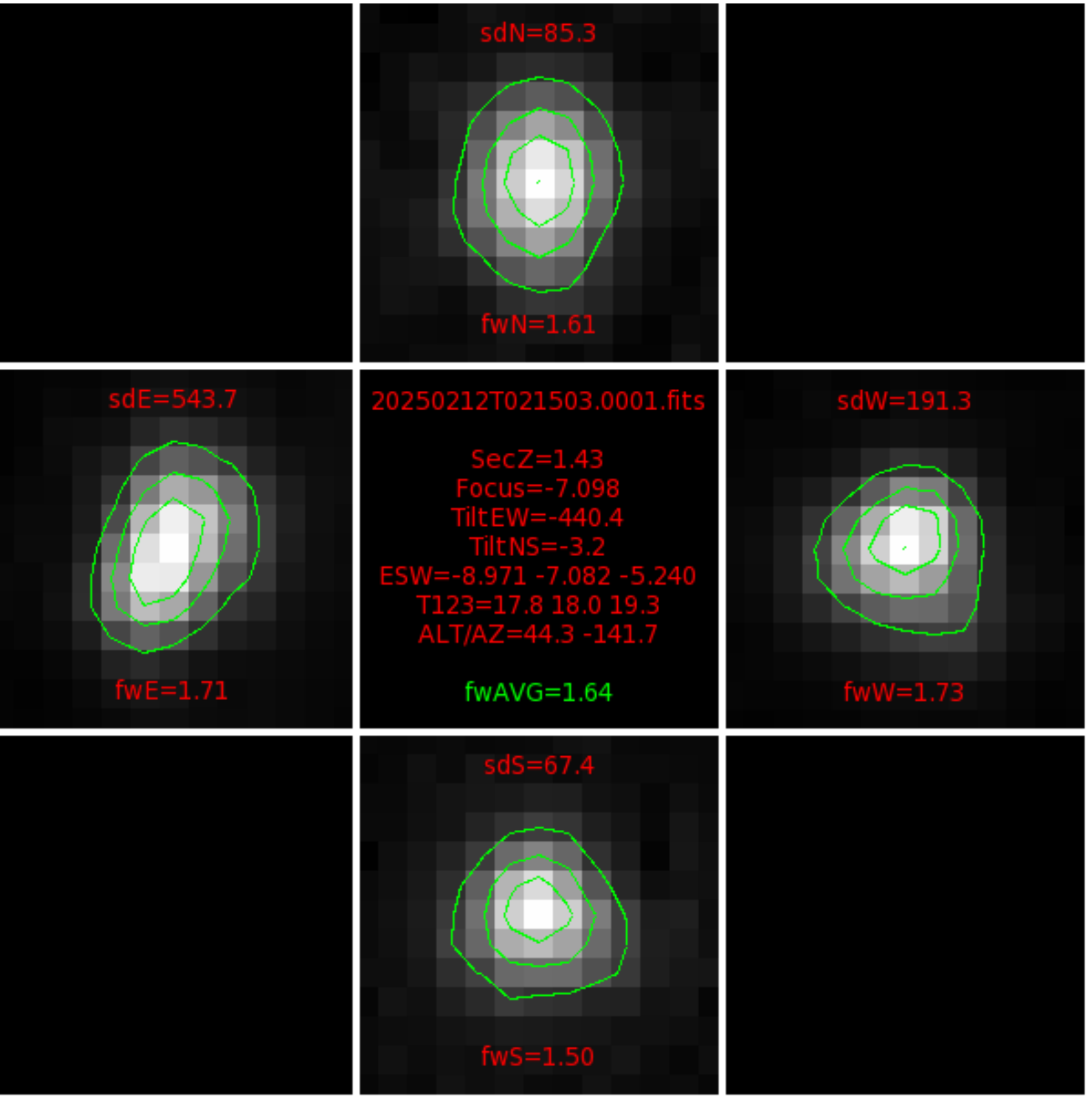

sdN=83.0
fwN=1.64
sdE=528.8
fwE=1.76
20250212T021432.0001.fits
SecZ=1.43
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=44.4 -141.8
fwAVG=1.68
sdW=180.3
fwW=1.76
sdS=65.3
fwS=1.54
0 0 0 0 0 0 0 0 0


sdN=85.3
fwN=1.61
sdE=543.7
fwE=1.71
20250212T021503.0001.fits
SecZ=1.43
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=44.3 -141.7
fwAVG=1.64
sdW=191.3
fwW=1.73
sdS=67.4
fwS=1.50
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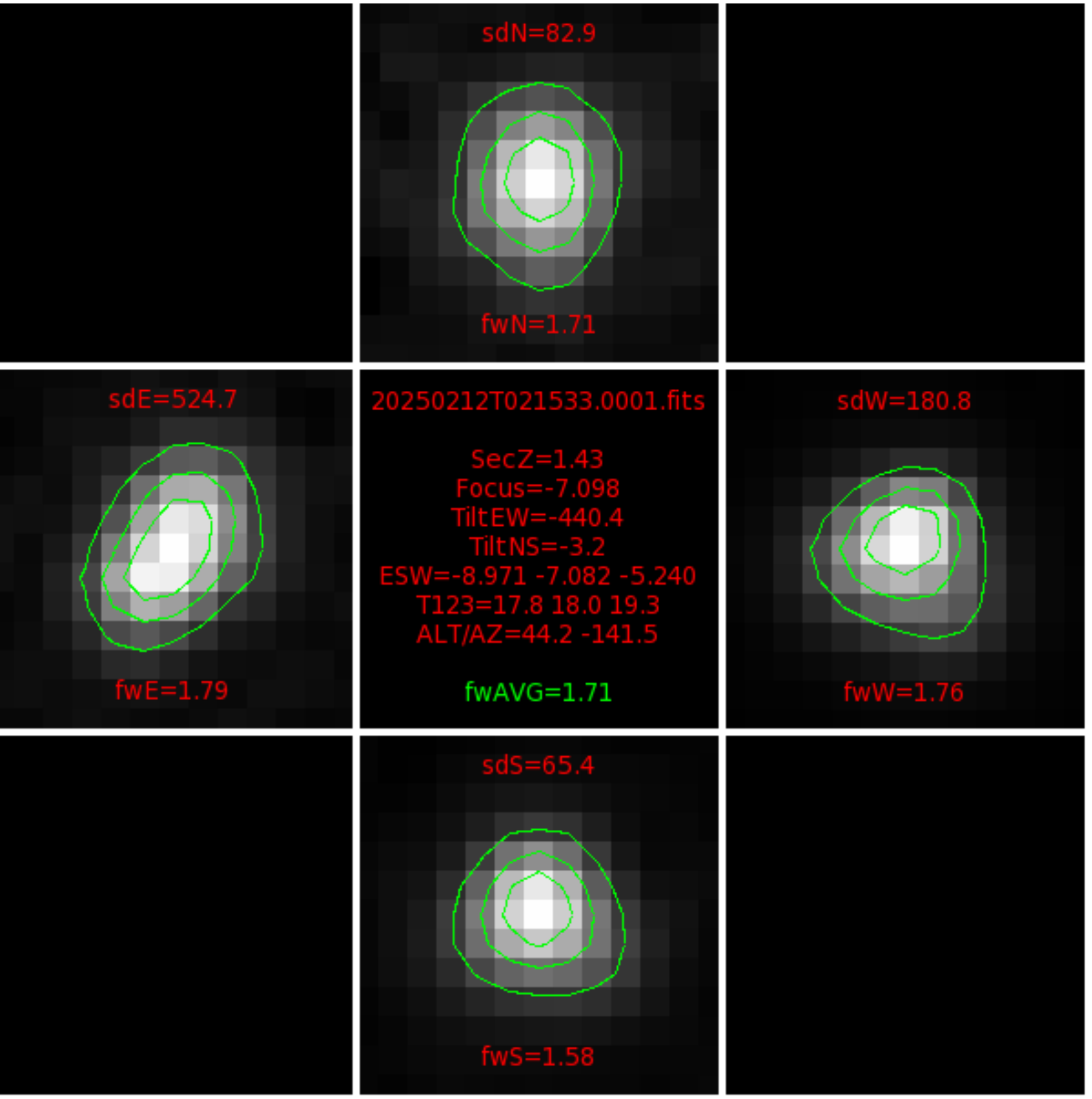
sdN=82.9
fwN=1.71
sdE=524.7
fwE=1.79
20250212T021533.0001.fits
SecZ=1.43
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=44.2 -141.5
fwAVG=1.71
sdW=180.8
fwW=1.76
sdS=65.4
fwS=1.58
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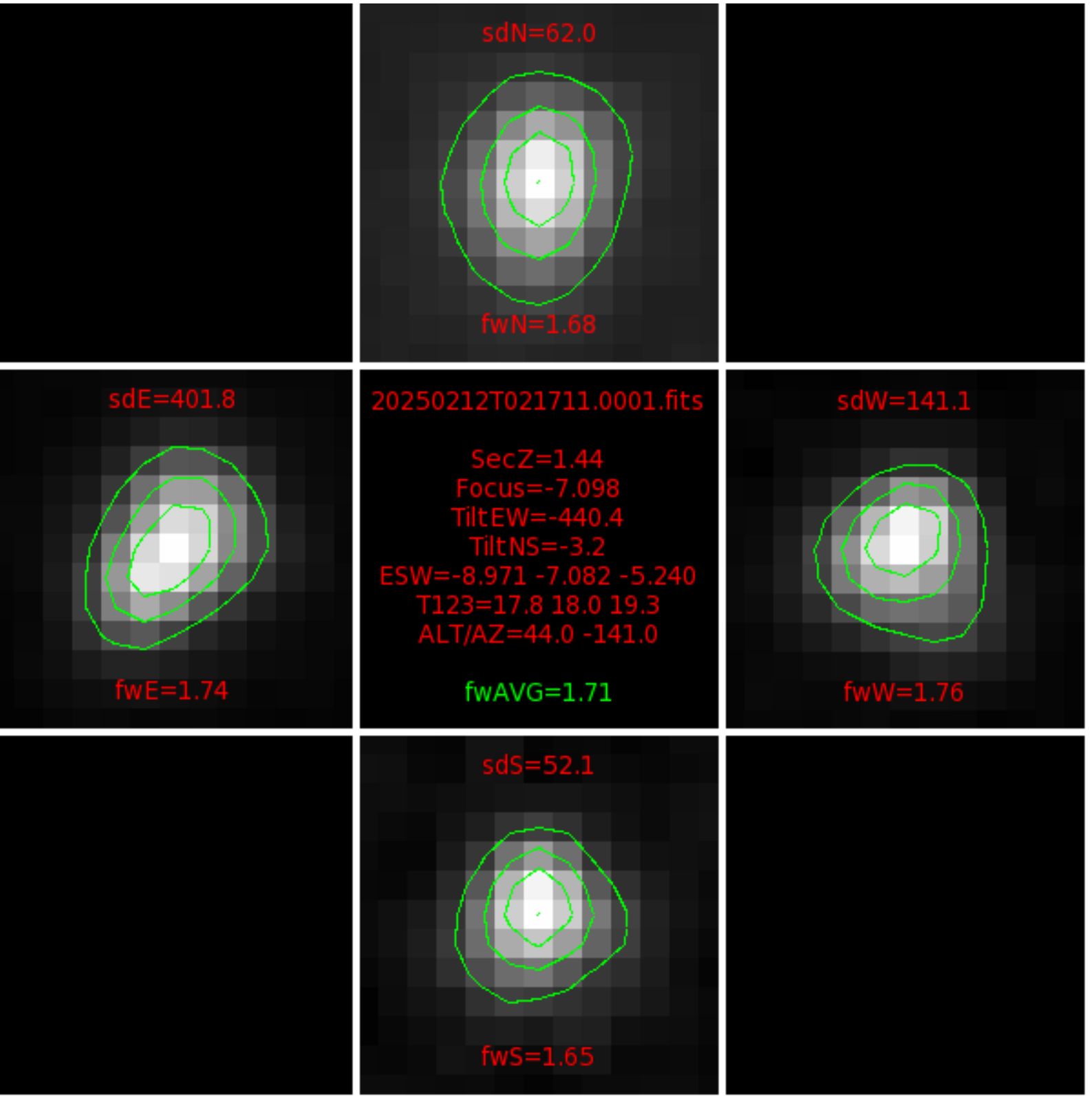
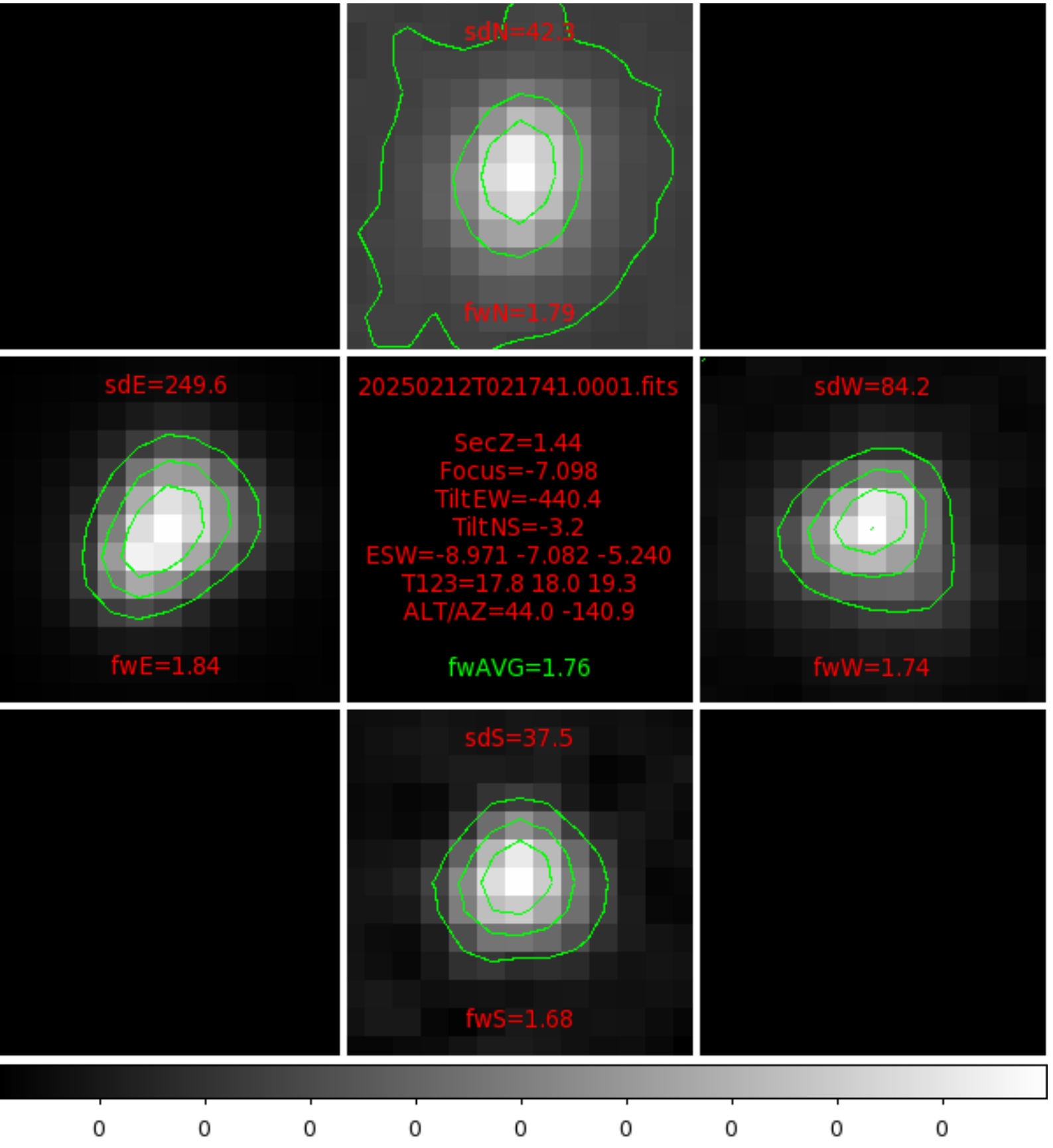

sdN=62.0
fwN=1.68
sdE=401.8
fwE=1.74
20250212T021711.0001.fits
SecZ=1.44
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=44.0 -141.0
fwAVG=1.71
sdW=141.1
fwW=1.76
sdS=52.1
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=42.3
fwN=1.79
sdE=249.6
fwE=1.84
20250212T021741.0001.fits
SecZ=1.44
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=44.0 -140.9
fwAVG=1.76
sdW=84.2
fwW=1.74
sdS=37.5
fwS=1.68
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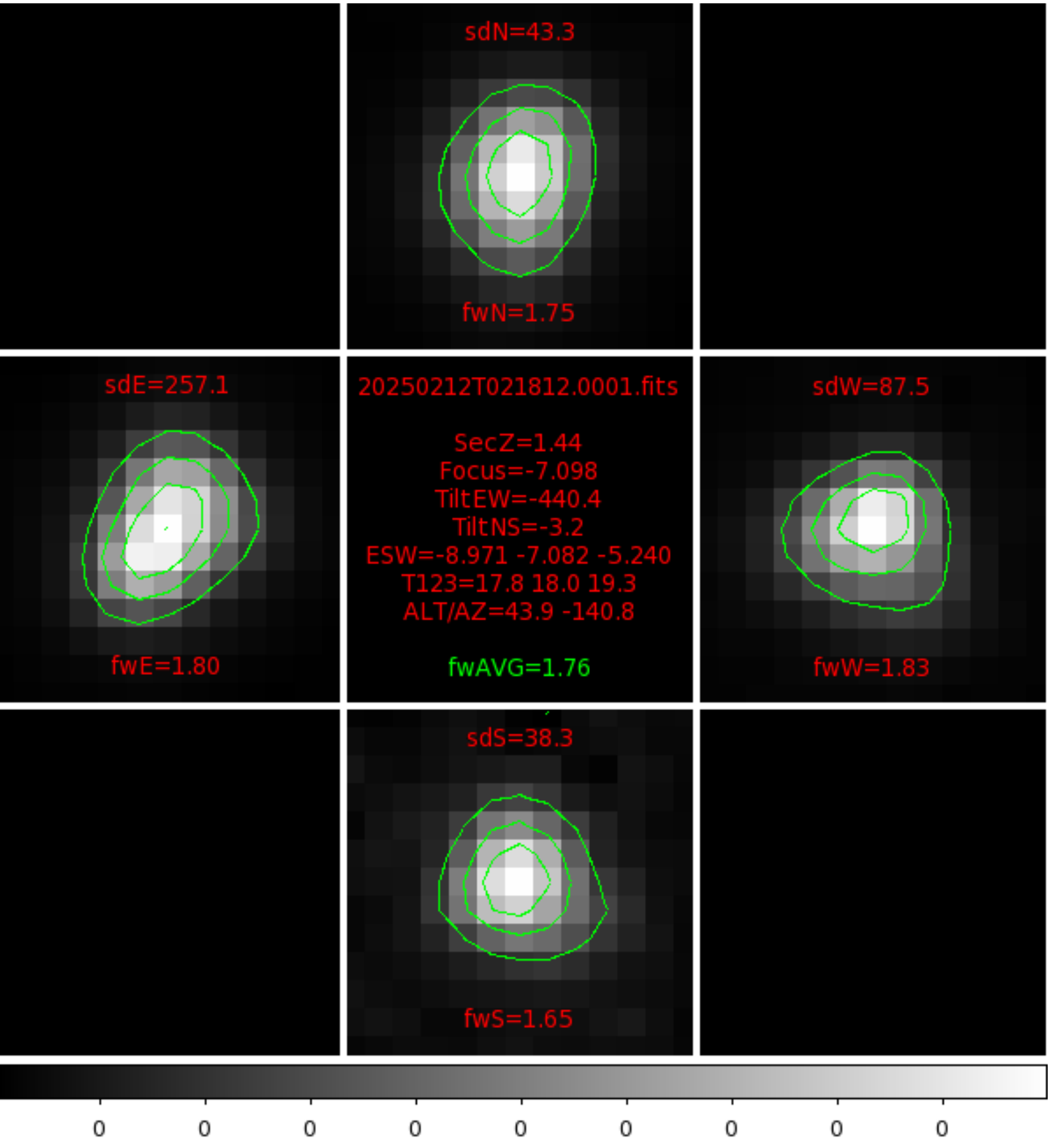
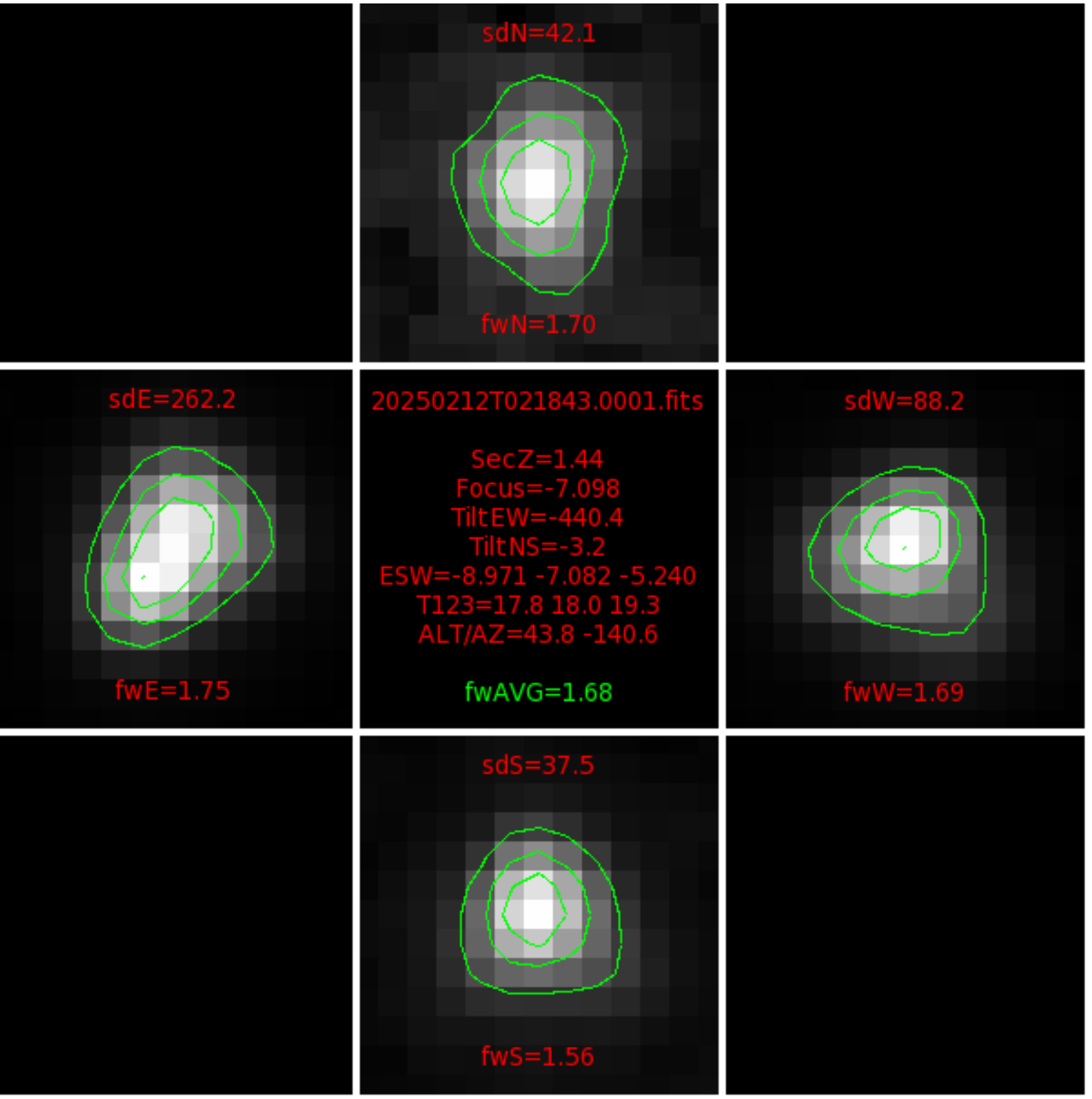
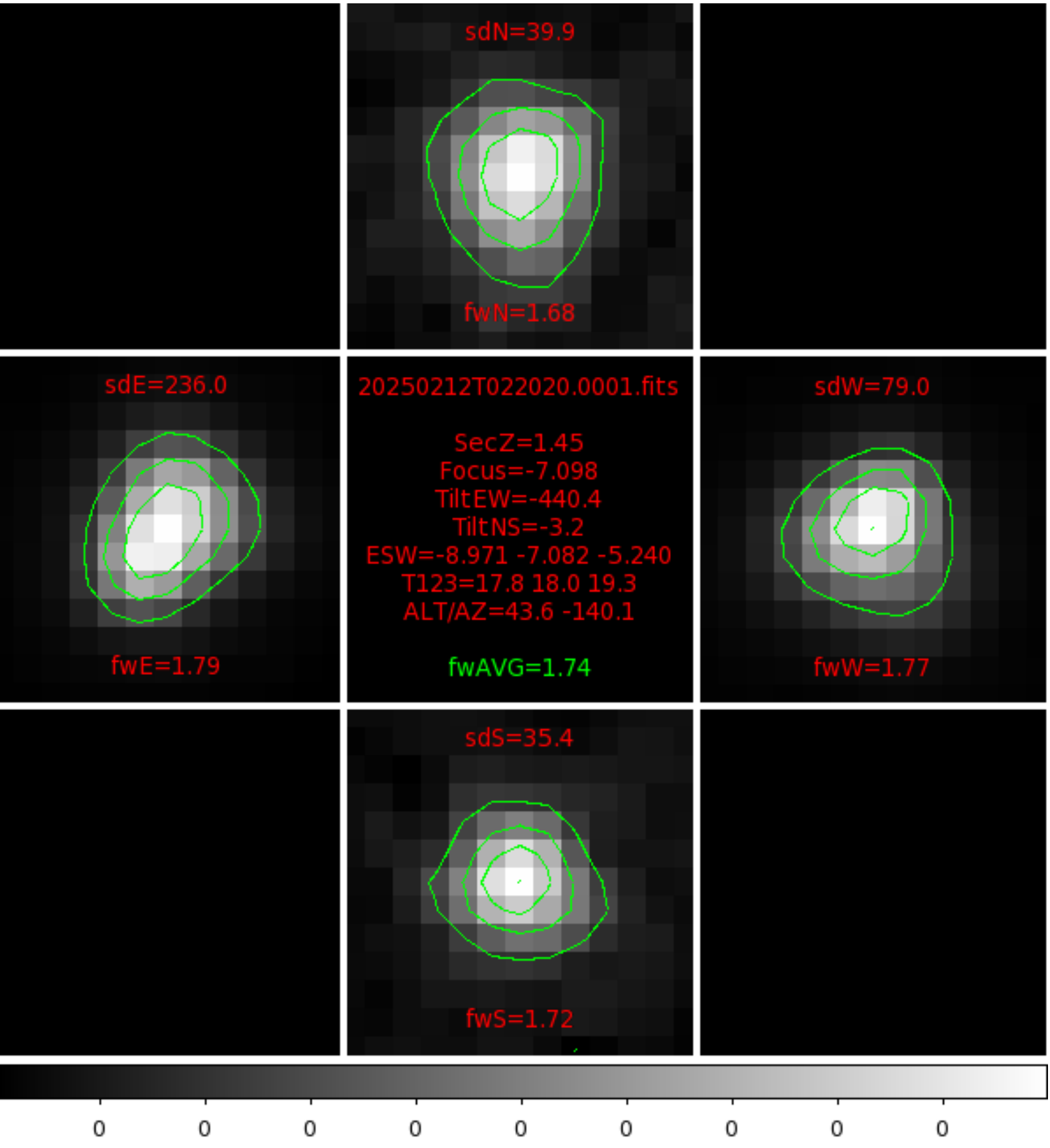

sdN=43.3
fwN=1.75
sdE=257.1
fwE=1.80
20250212T021812.0001.fits
SecZ=1.44
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=43.9 -140.8
fwAVG=1.76
sdW=87.5
fwW=1.83
sdS=38.3
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=42.1
fwN=1.70
sdE=262.2
fwE=1.75
20250212T021843.0001.fits
SecZ=1.44
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=43.8 -140.6
fwAVG=1.68
sdW=88.2
fwW=1.69
sdS=37.5
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=39.9
fwN=1.68
sdE=236.0
fwE=1.79
20250212T022020.0001.fits
SecZ=1.45
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=43.6 -140.1
fwAVG=1.74
sdW=79.0
fwW=1.77
sdS=35.4
fwS=1.72
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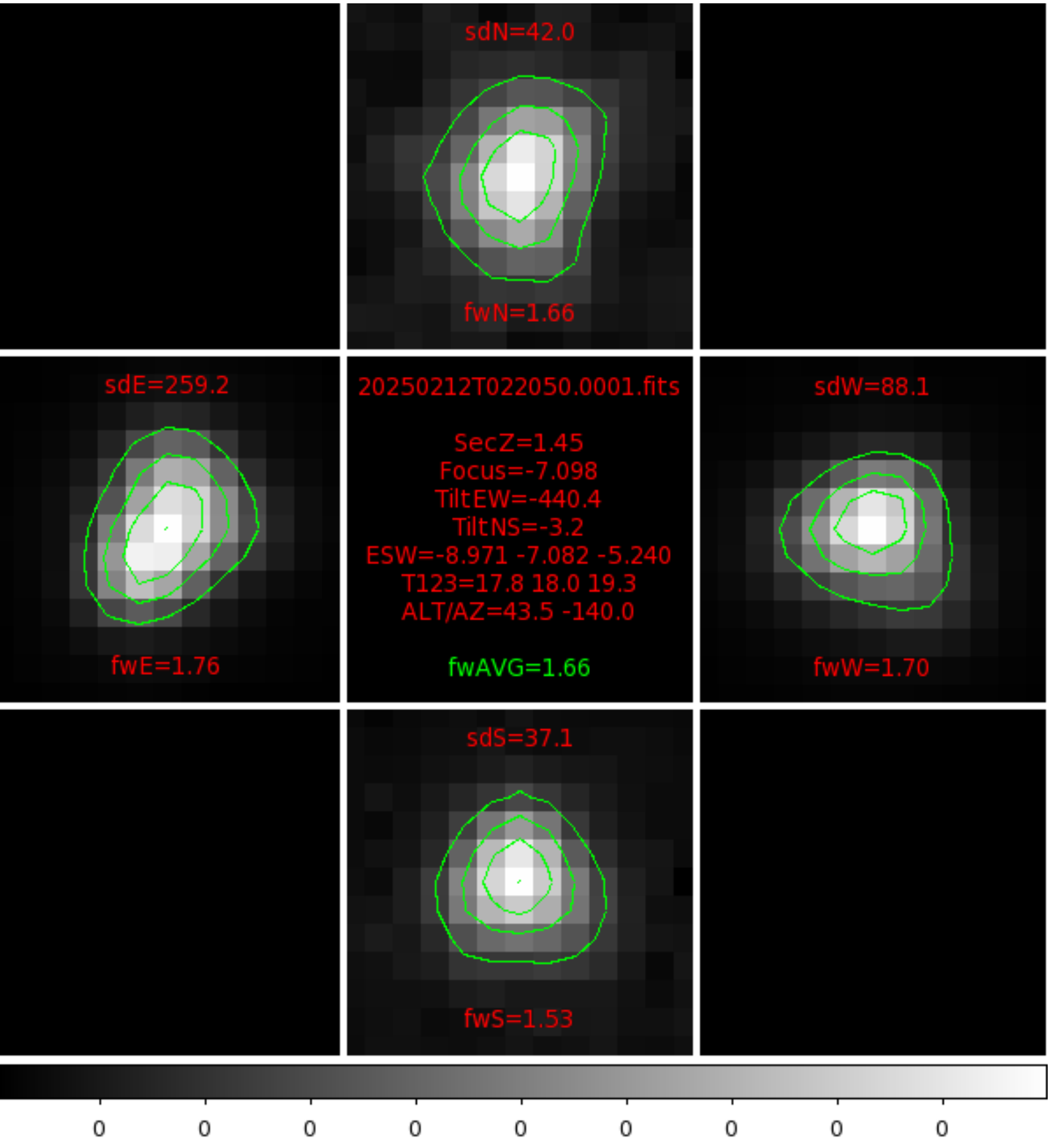
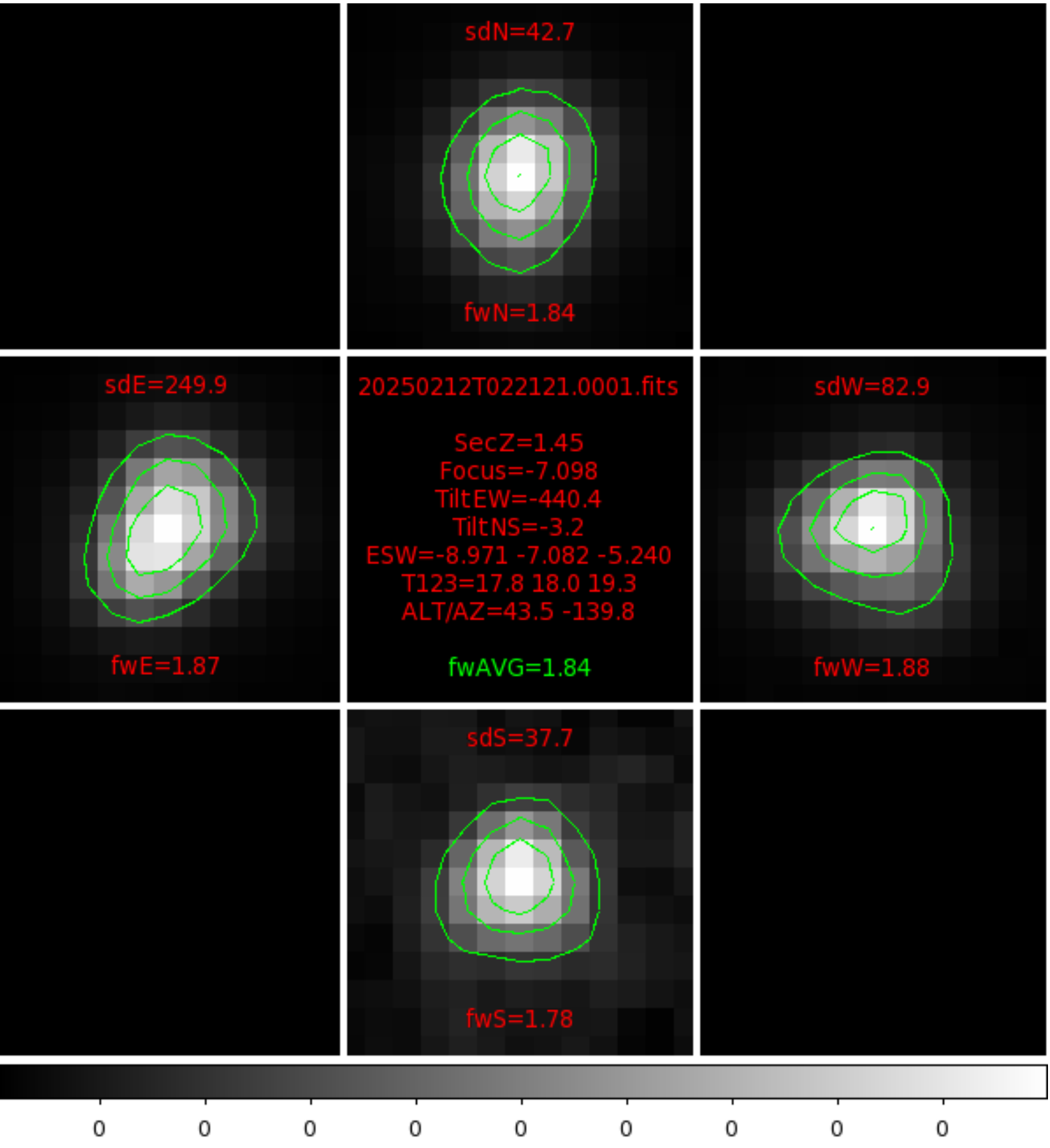
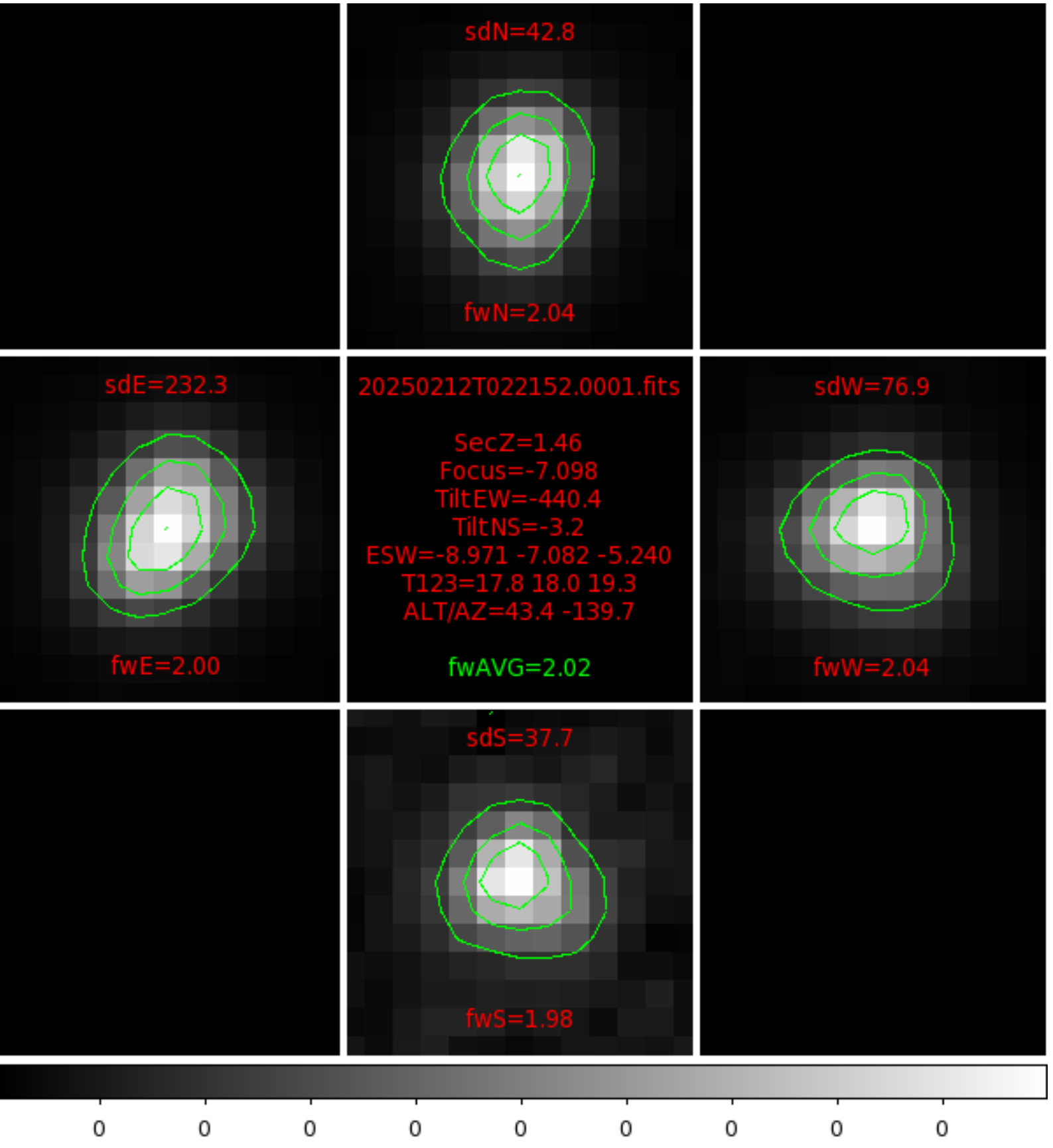

sdN=42.0
fwN=1.66
sdE=259.2
fwE=1.76
20250212T022050.0001.fits
SecZ=1.45
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=43.5 -140.0
fwAVG=1.66
sdW=88.1
fwW=1.70
sdS=37.1
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=42.7
fwN=1.84
sdE=249.9
fwE=1.87
20250212T022121.0001.fits
SecZ=1.45
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=43.5 -139.8
fwAVG=1.84
sdW=82.9
fwW=1.88
sdS=37.7
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=42.8
fwN=2.04
sdE=232.3
fwE=2.00
20250212T022152.0001.fits
SecZ=1.46
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=43.4 -139.7
fwAVG=2.02
sdW=76.9
fwW=2.04
sdS=37.7
fwS=1.98
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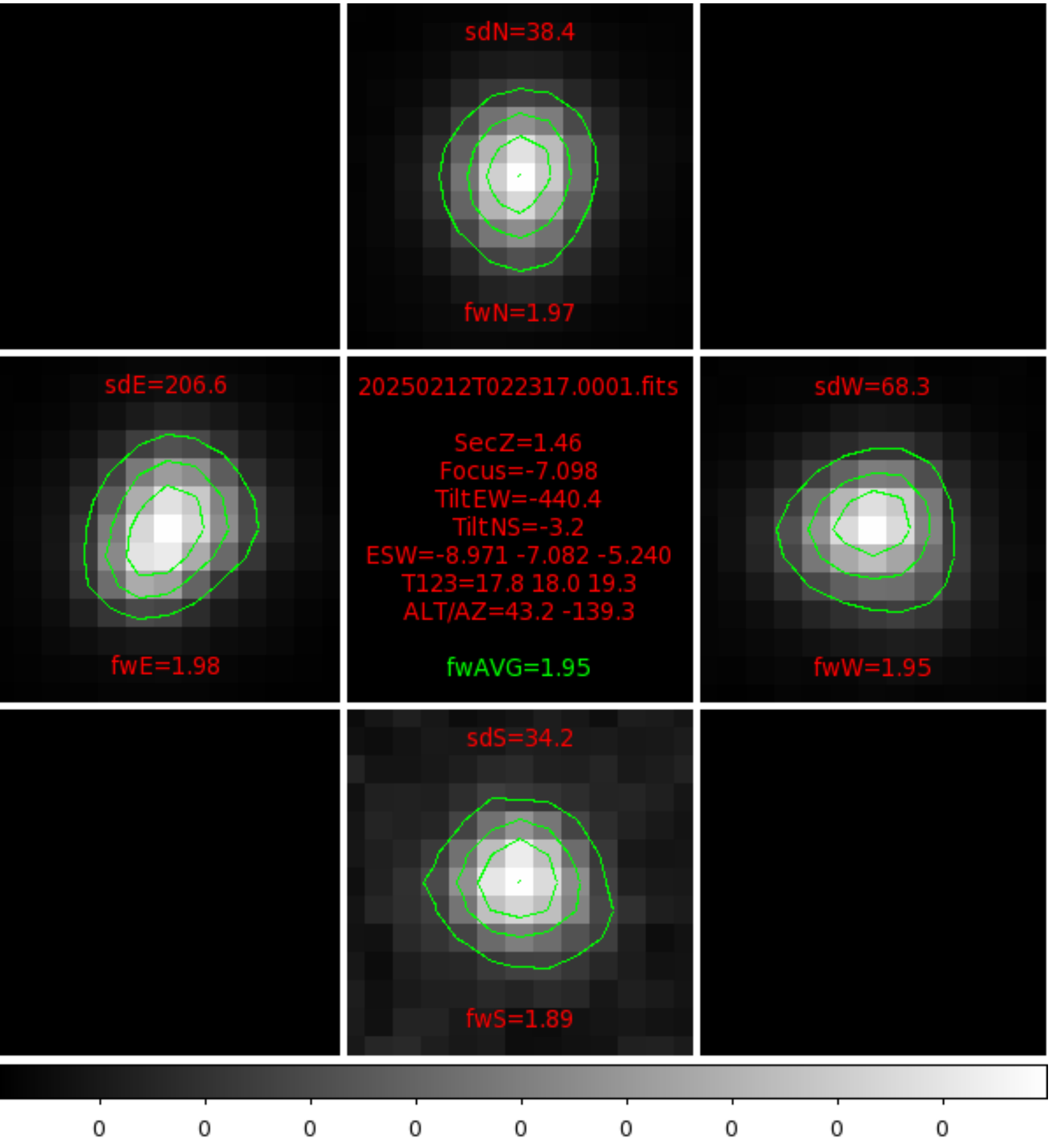
sdN=38.4
fwN=1.97
sdE=206.6
fwE=1.98
20250212T022317.0001.fits
SecZ=1.46
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=43.2 -139.3
fwAVG=1.95
sdW=68.3
fwW=1.95
sdS=34.2
fwS=1.89
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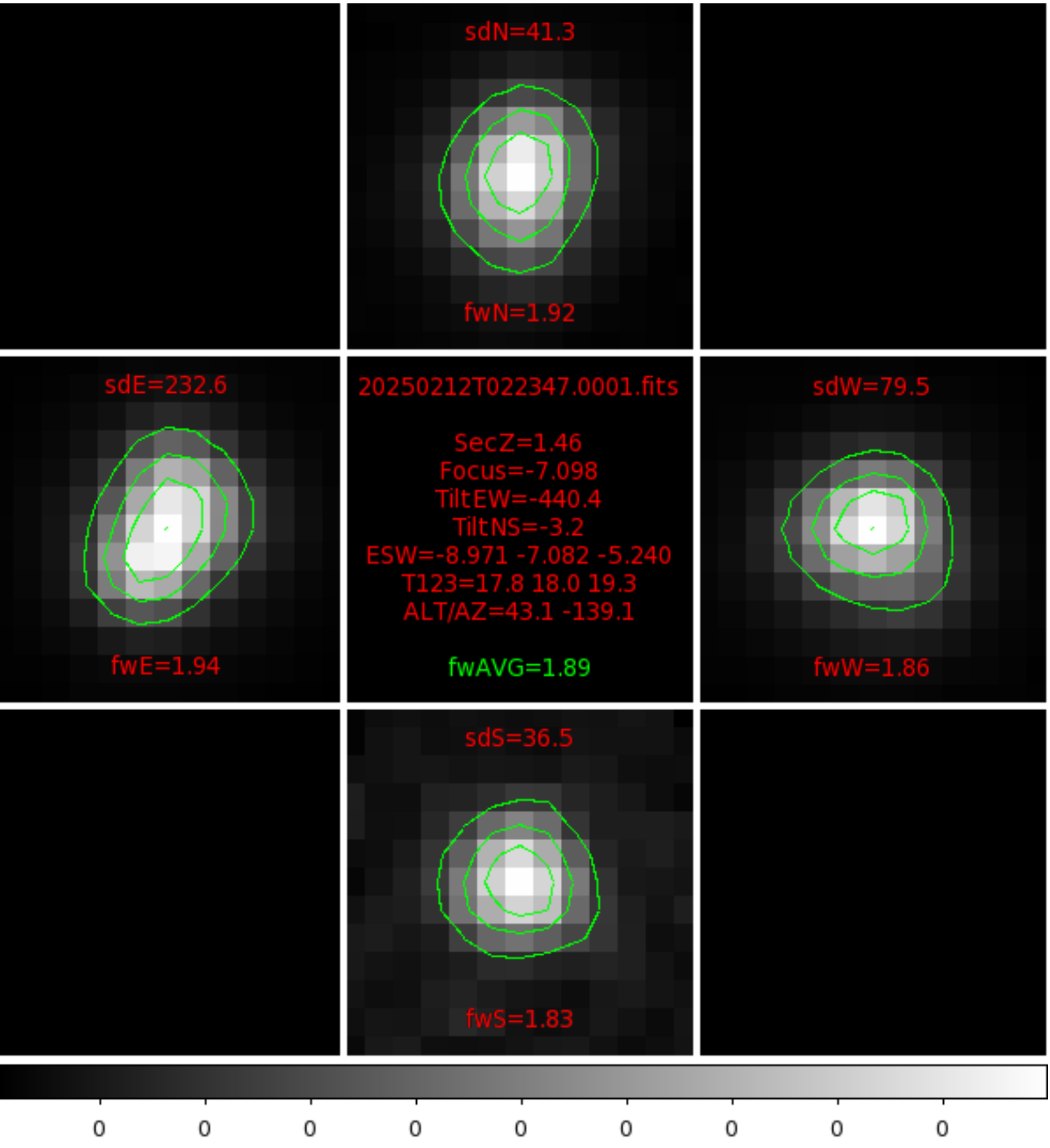
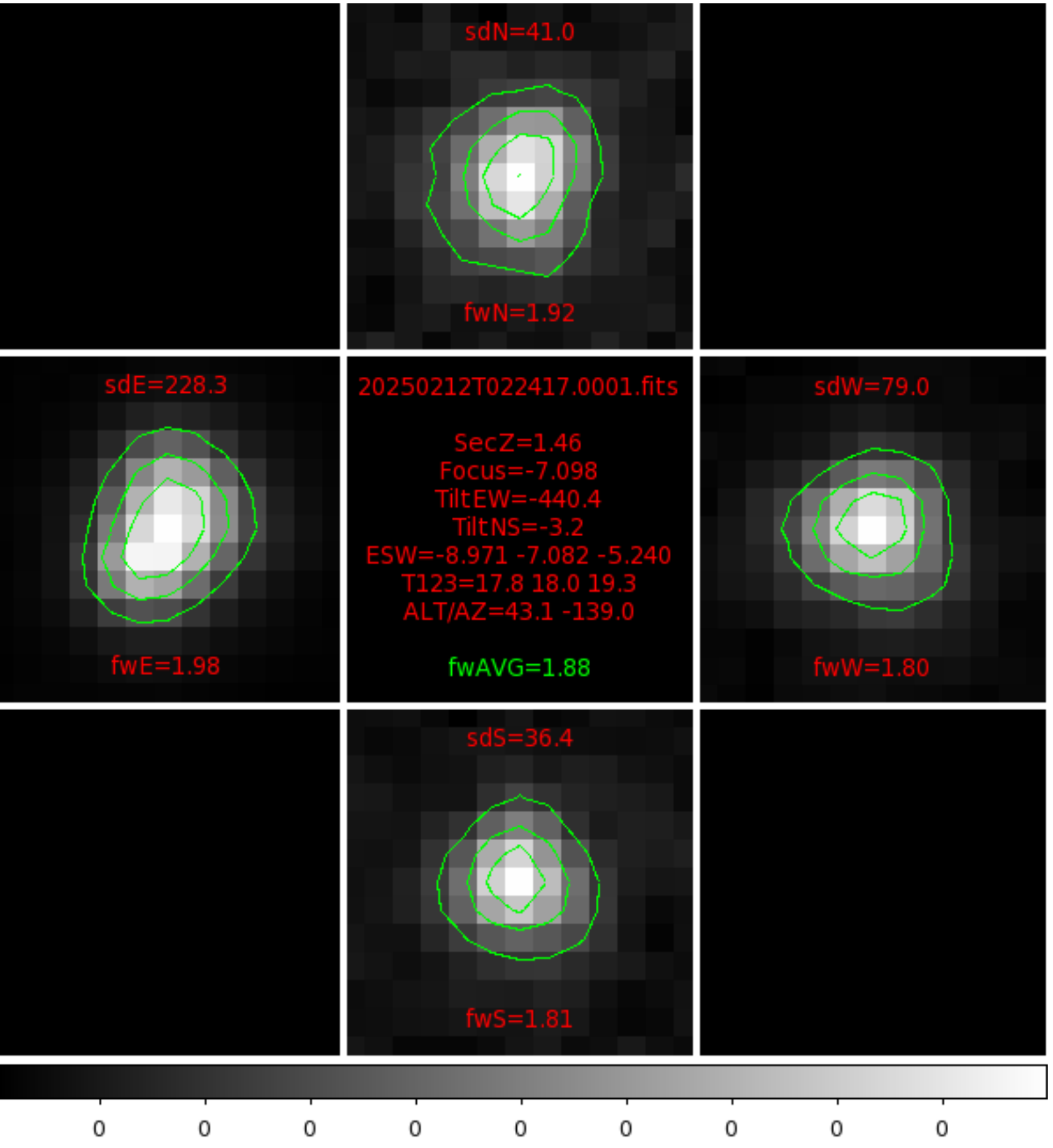
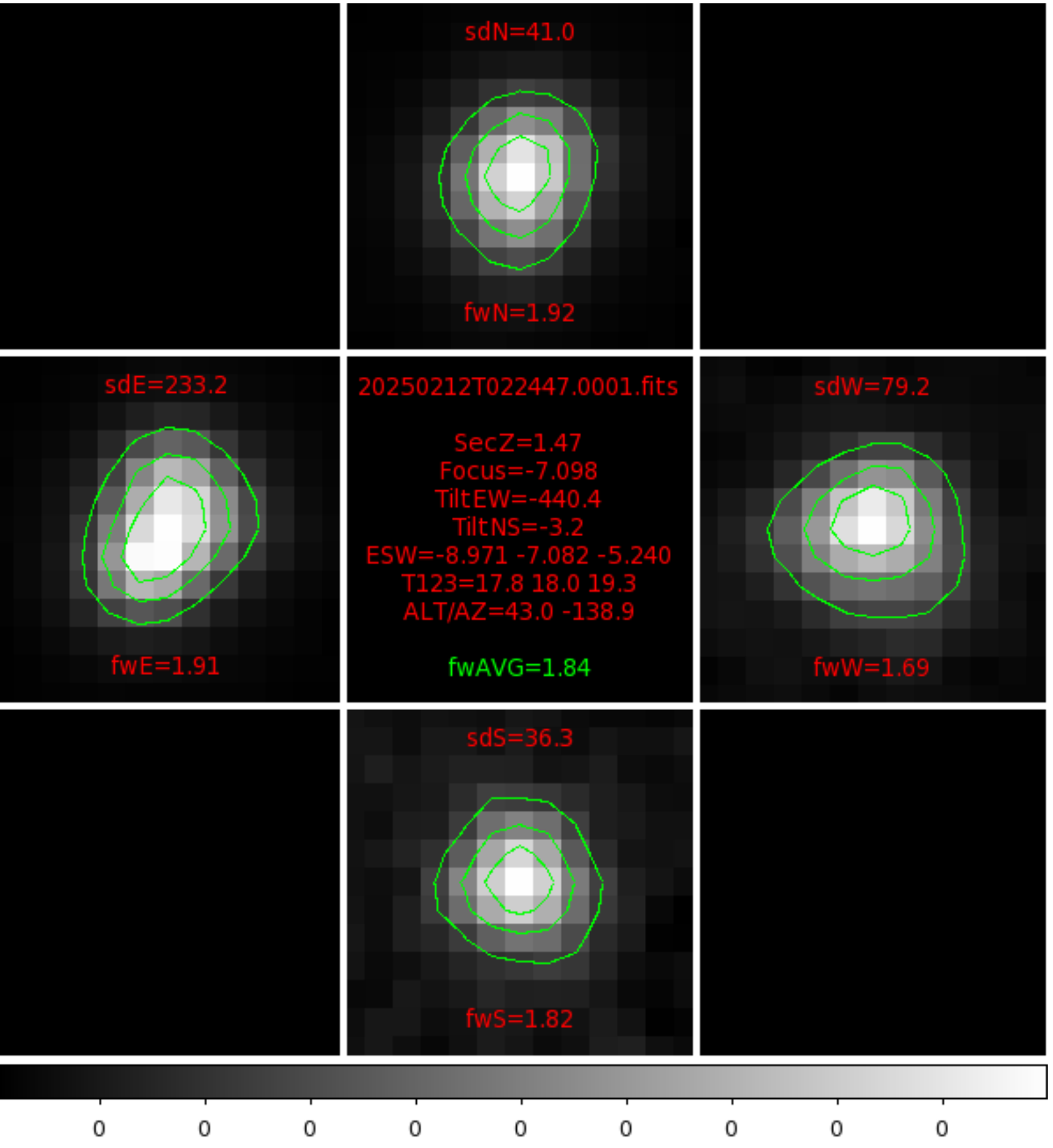

sdN=41.3
fwN=1.92
sdE=232.6
fwE=1.94
20250212T022347.0001.fits
SecZ=1.46
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=43.1 -139.1
fwAVG=1.89
sdW=79.5
fwW=1.86
sdS=36.5
fwS=1.83
0 0 0 0 0 0 0 0 0


sdN=41.0
fwN=1.92
sdE=228.3
fwE=1.98
20250212T022417.0001.fits
SecZ=1.46
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=43.1 -139.0
fwAVG=1.88
sdW=79.0
fwW=1.80
sdS=36.4
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=41.0
fwN=1.92
sdE=233.2
fwE=1.91
20250212T022447.0001.fits
SecZ=1.47
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=43.0 -138.9
fwAVG=1.84
sdW=79.2
fwW=1.69
sdS=36.3
fwS=1.82
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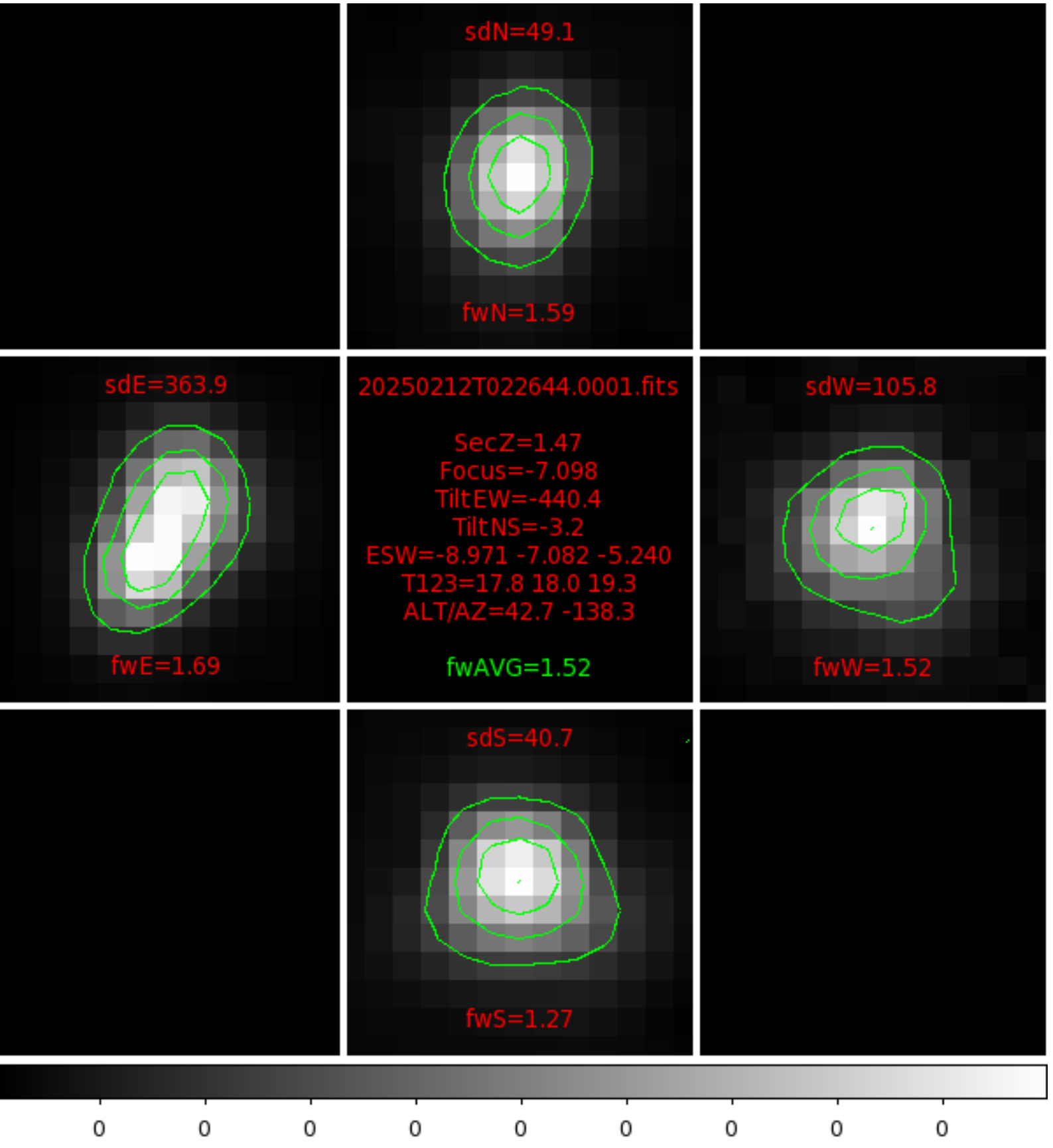
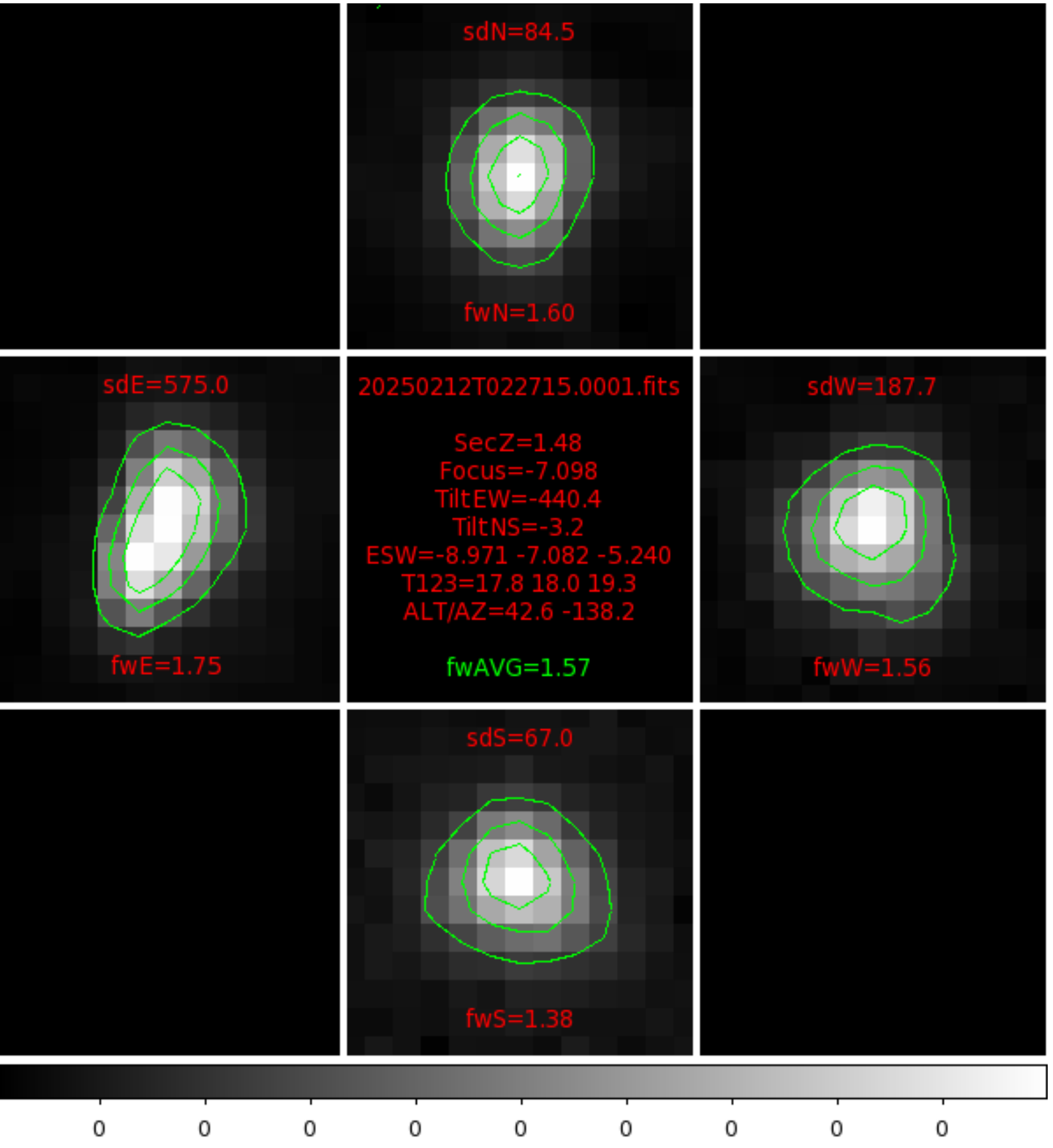
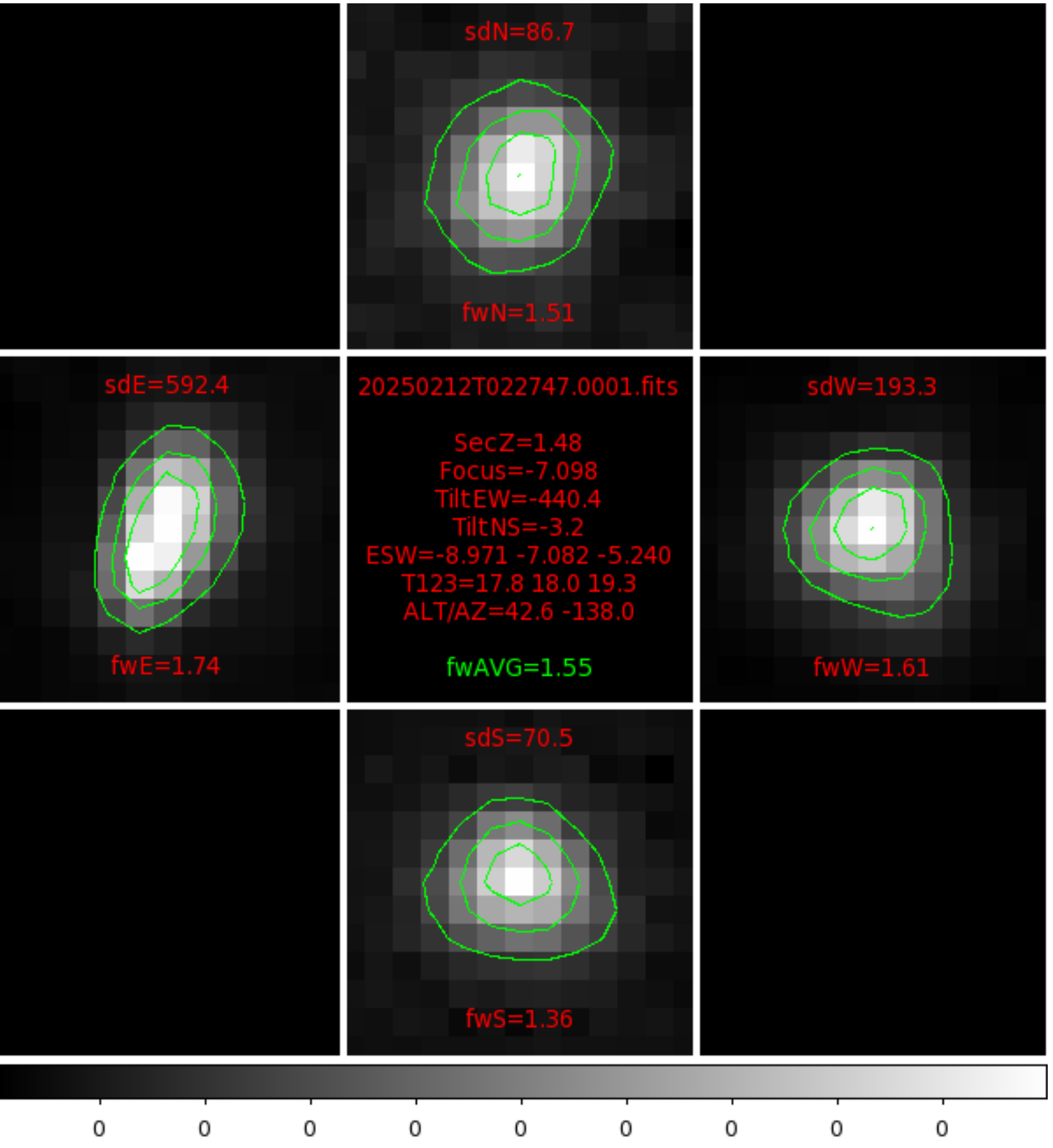
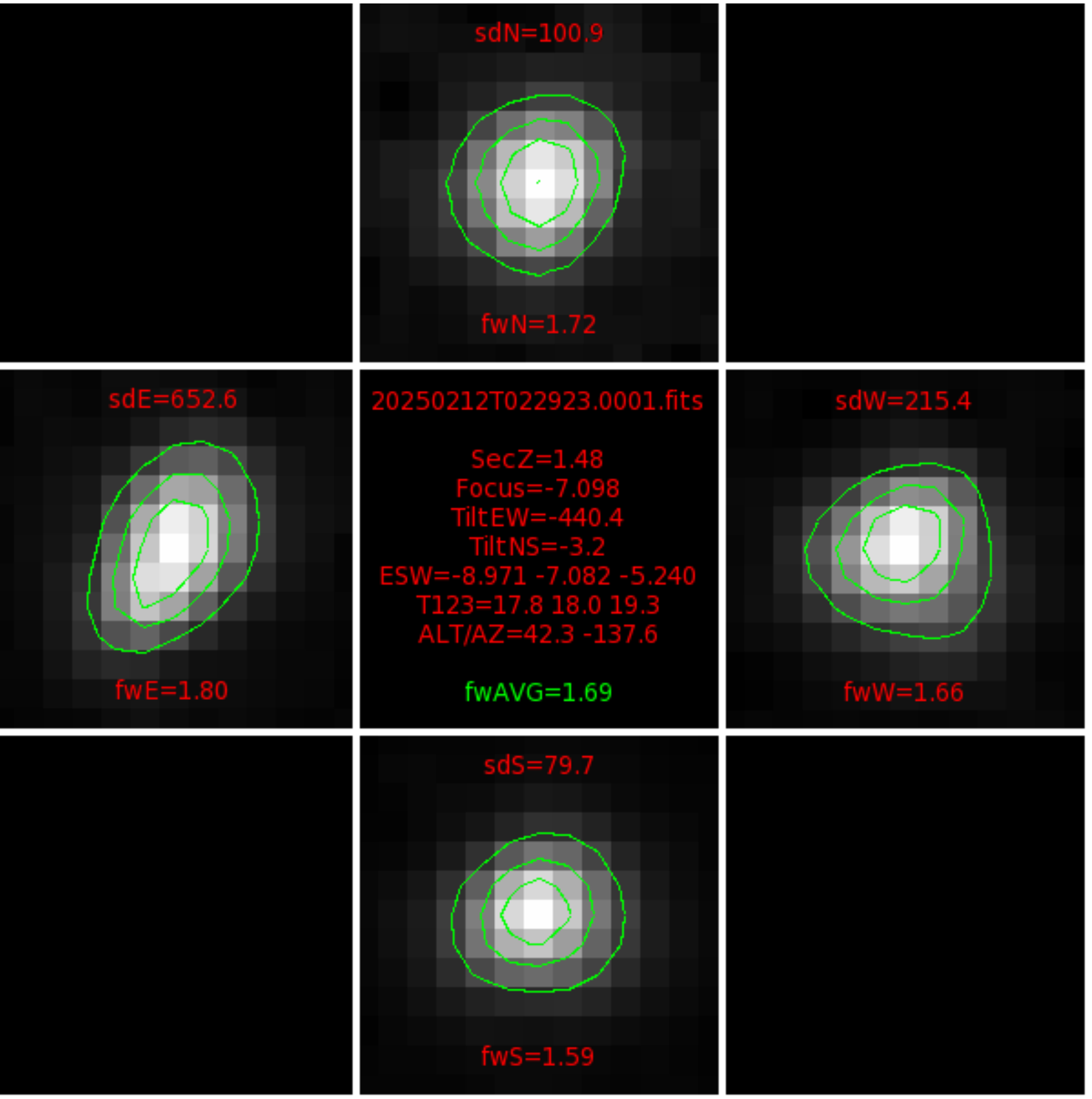
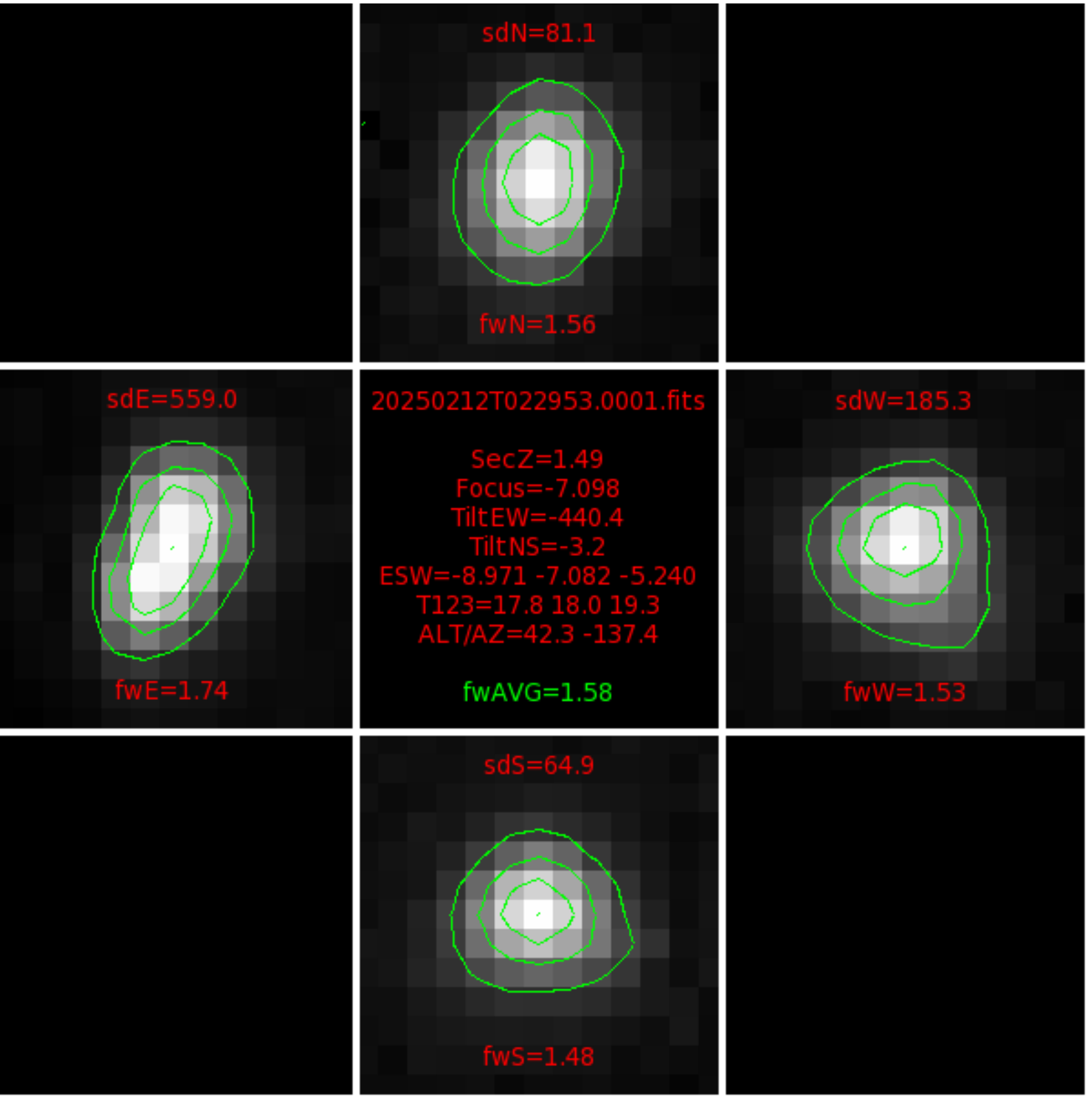
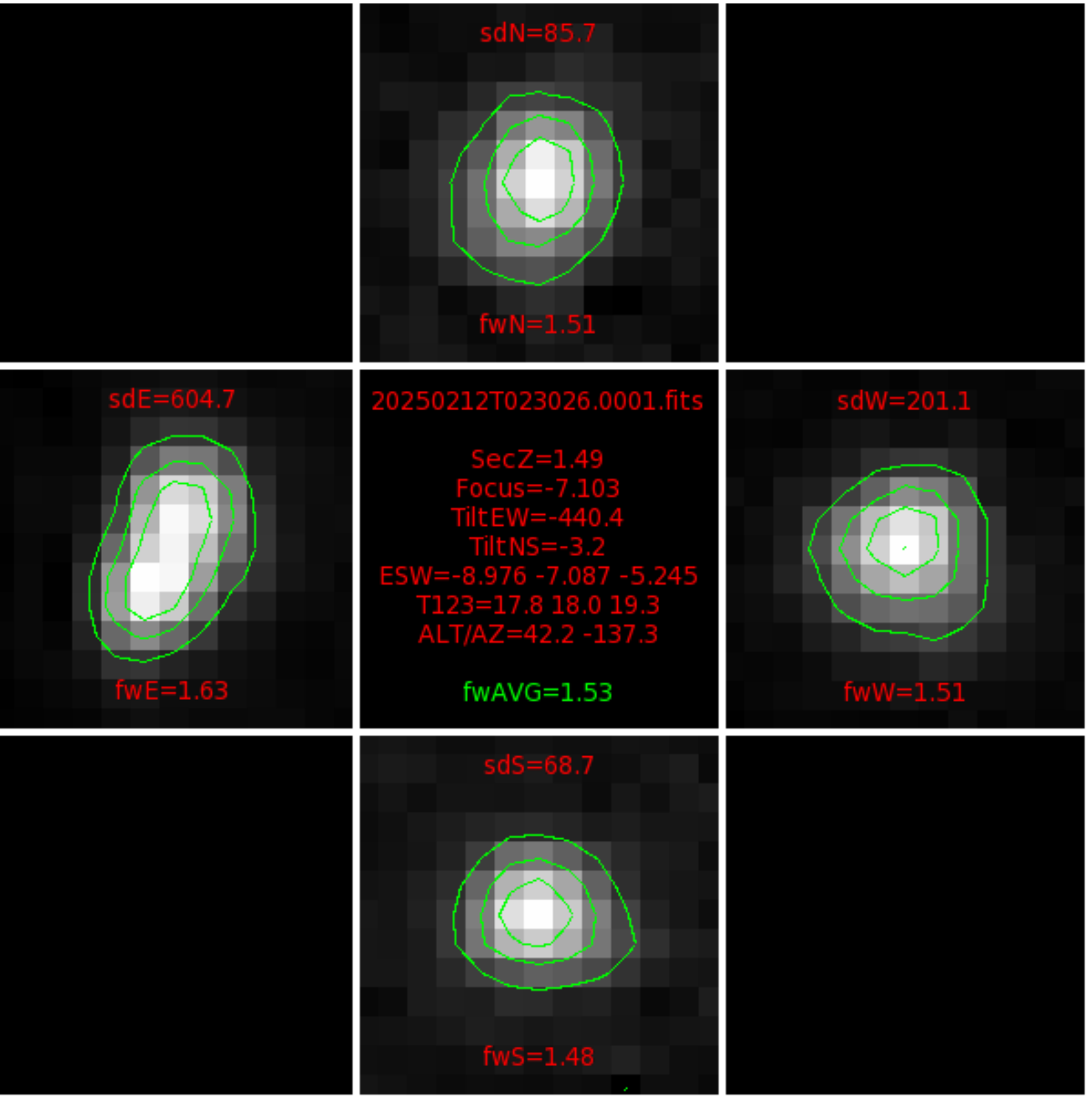

sdN=49.1
fwN=1.59
sdE=363.9
fwE=1.69
20250212T022644.0001.fits
SecZ=1.47
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=42.7 -138.3
fwAVG=1.52
sdW=105.8
fwW=1.52
sdS=40.7
fwS=1.27
0 0 0 0 0 0 0 0 0

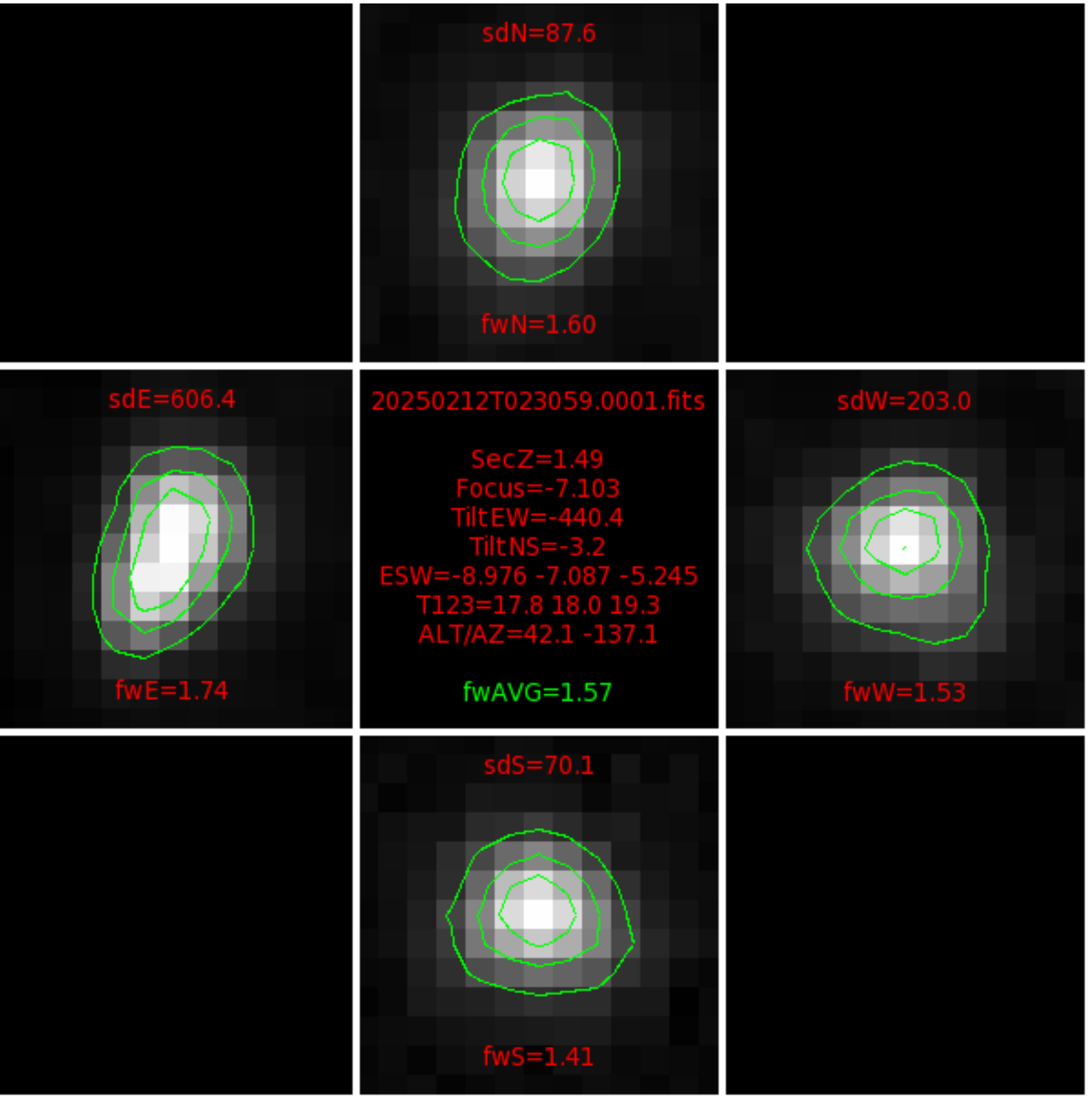

sdN=84.5
fwN=1.60
sdE=575.0
fwE=1.75
20250212T022715.0001.fits
SecZ=1.48
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=42.6 -138.2
fwAVG=1.57
sdW=187.7
fwW=1.56
sdS=67.0
fwS=1.38
0 0 0 0 0 0 0 0 0


sdN=86.7
fwN=1.51
sdE=592.4
fwE=1.74
20250212T022747.0001.fits
SecZ=1.48
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=42.6 -138.0
fwAVG=1.55
sdW=193.3
fwW=1.61
sdS=70.5
fwS=1.36
0 0 0 0 0 0 0 0 0


sdN=100.9
fwN=1.72
sdE=652.6
fwE=1.80
20250212T022923.0001.fits
SecZ=1.48
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=42.3 -137.6
fwAVG=1.69
sdW=215.4
fwW=1.66
sdS=79.7
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=81.1
fwN=1.56
sdE=559.0
fwE=1.74
20250212T022953.0001.fits
SecZ=1.49
Focus=-7.098
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.971 -7.082 -5.240
T123=17.8 18.0 19.3
ALT/AZ=42.3 -137.4
fwAVG=1.58
sdW=185.3
fwW=1.53
sdS=64.9
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=85.7
fwN=1.51
sdE=604.7
fwE=1.63
20250212T023026.0001.fits
SecZ=1.49
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=42.2 -137.3
fwAVG=1.53
sdW=201.1
fwW=1.51
sdS=68.7
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=87.6
fwN=1.60
sdE=606.4
fwE=1.74
20250212T023059.0001.fits
SecZ=1.49
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=42.1 -137.1
fwAVG=1.57
sdW=203.0
fwW=1.53
sdS=70.1
fwS=1.41
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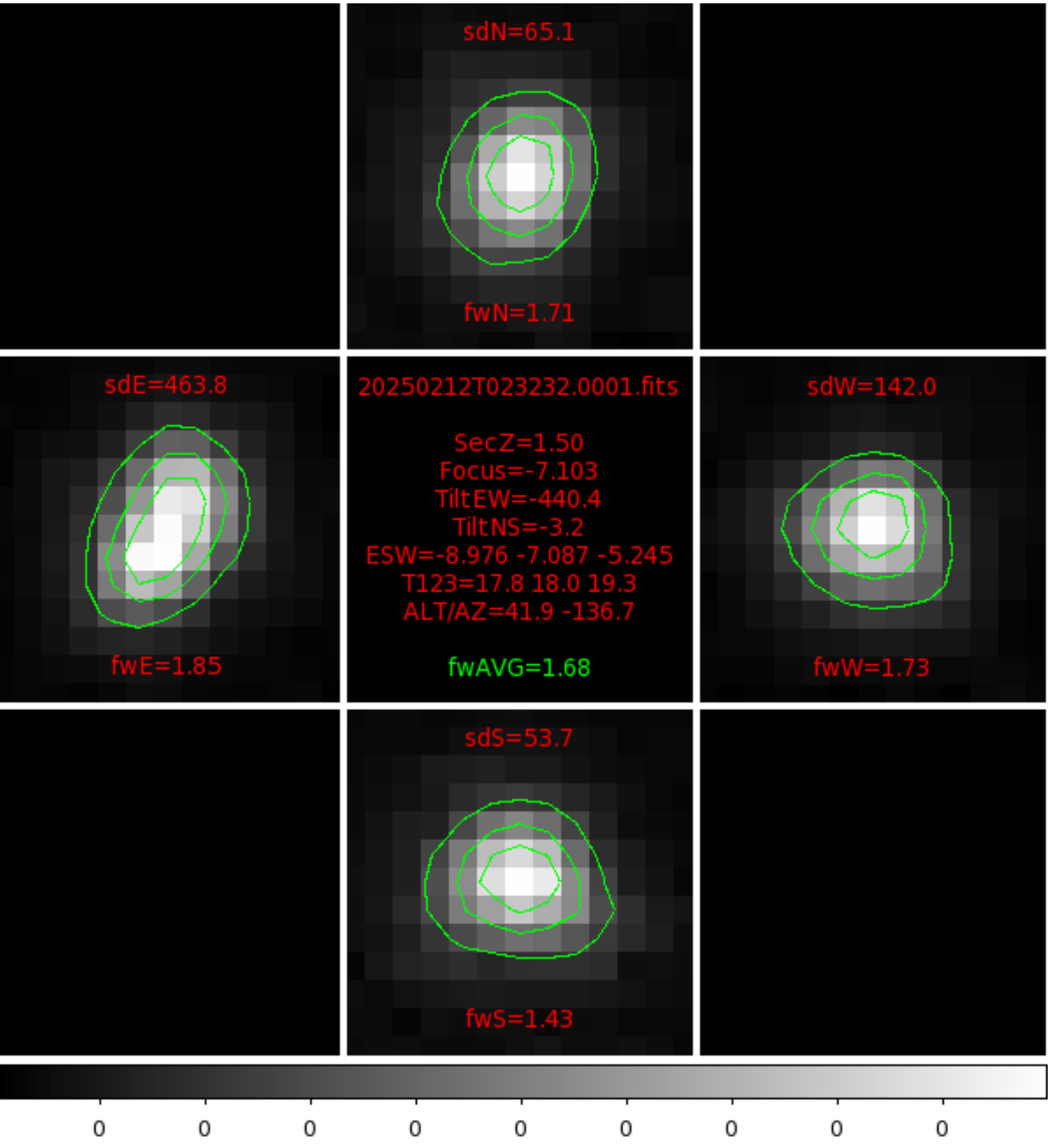
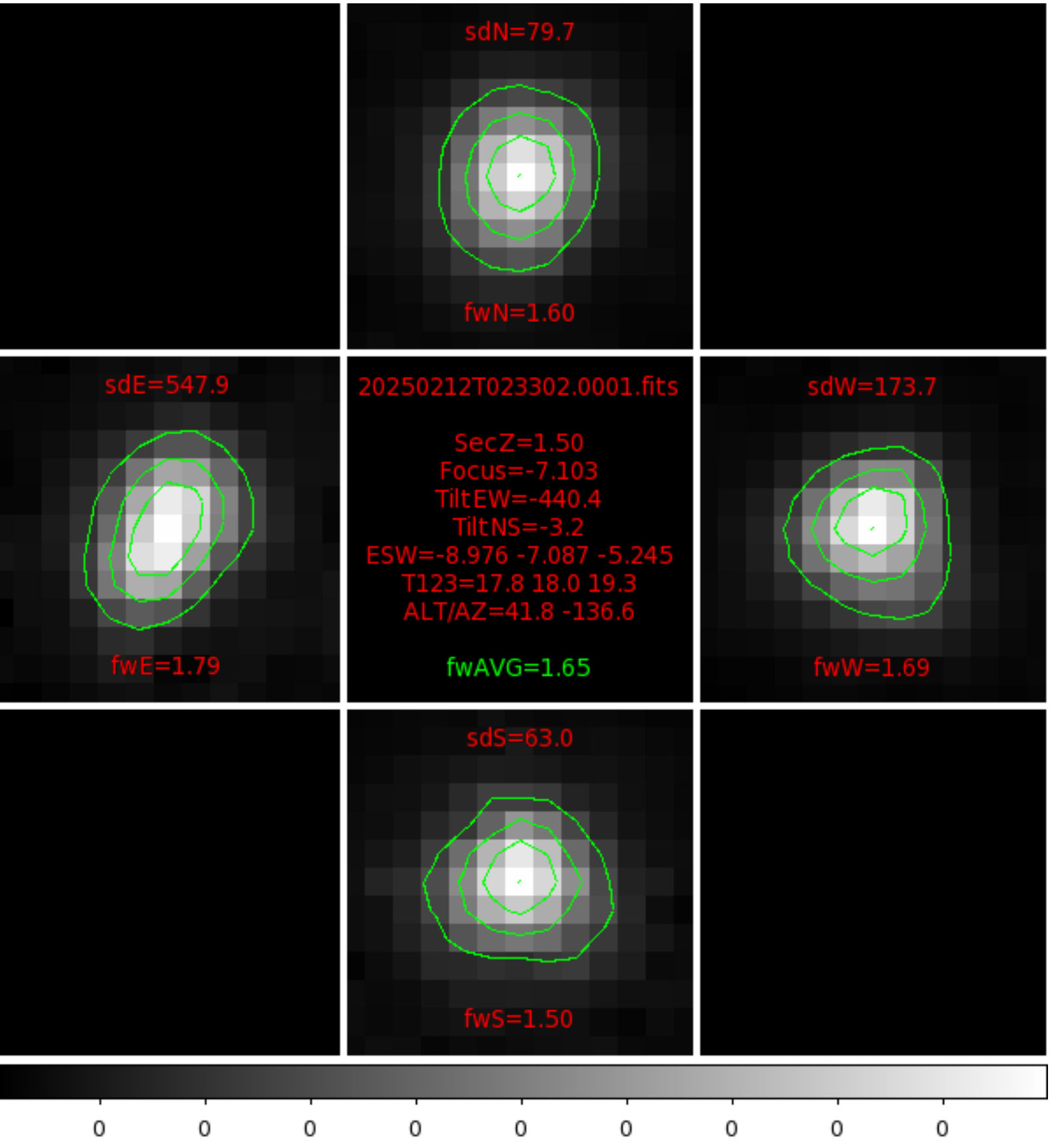
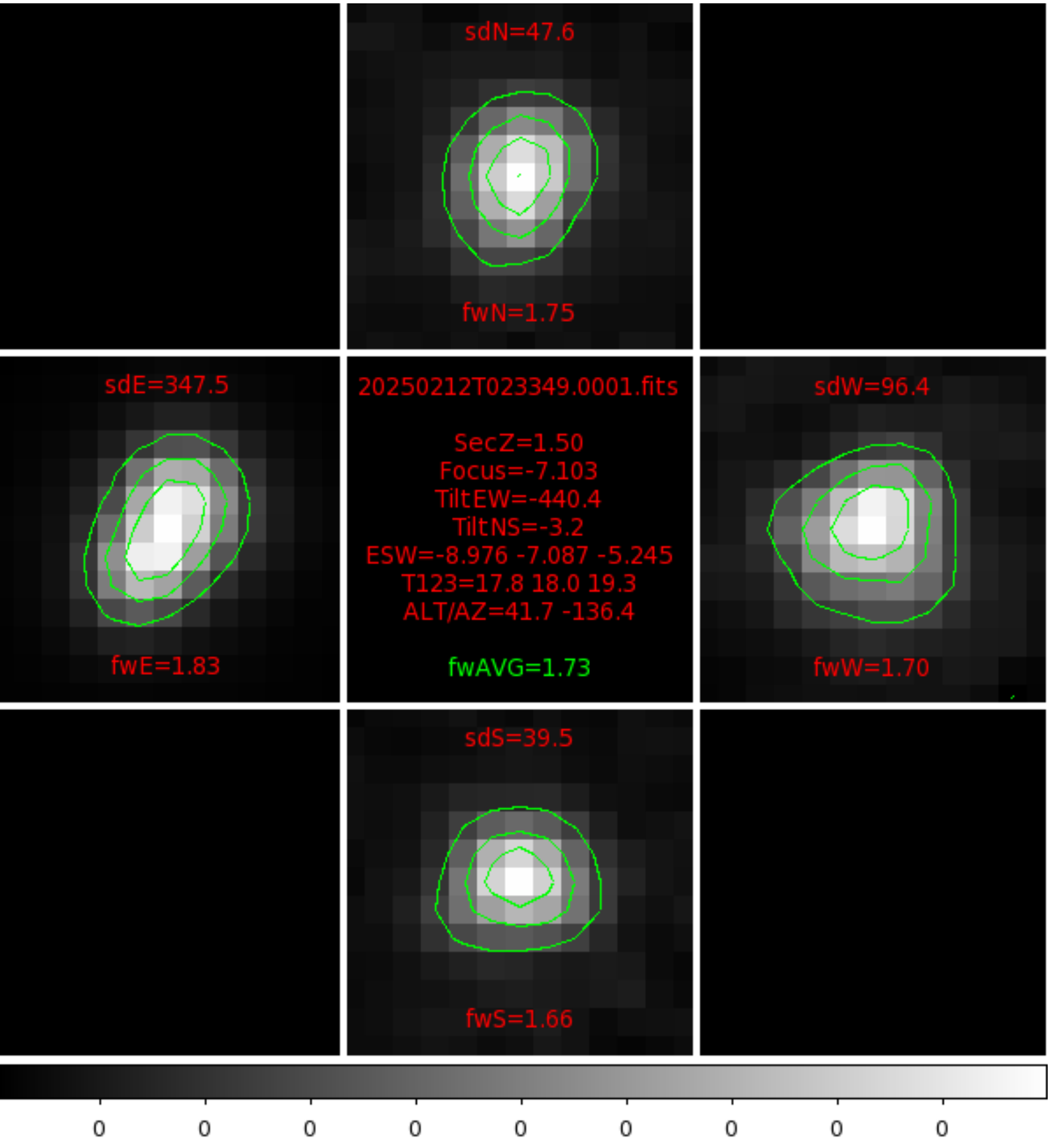
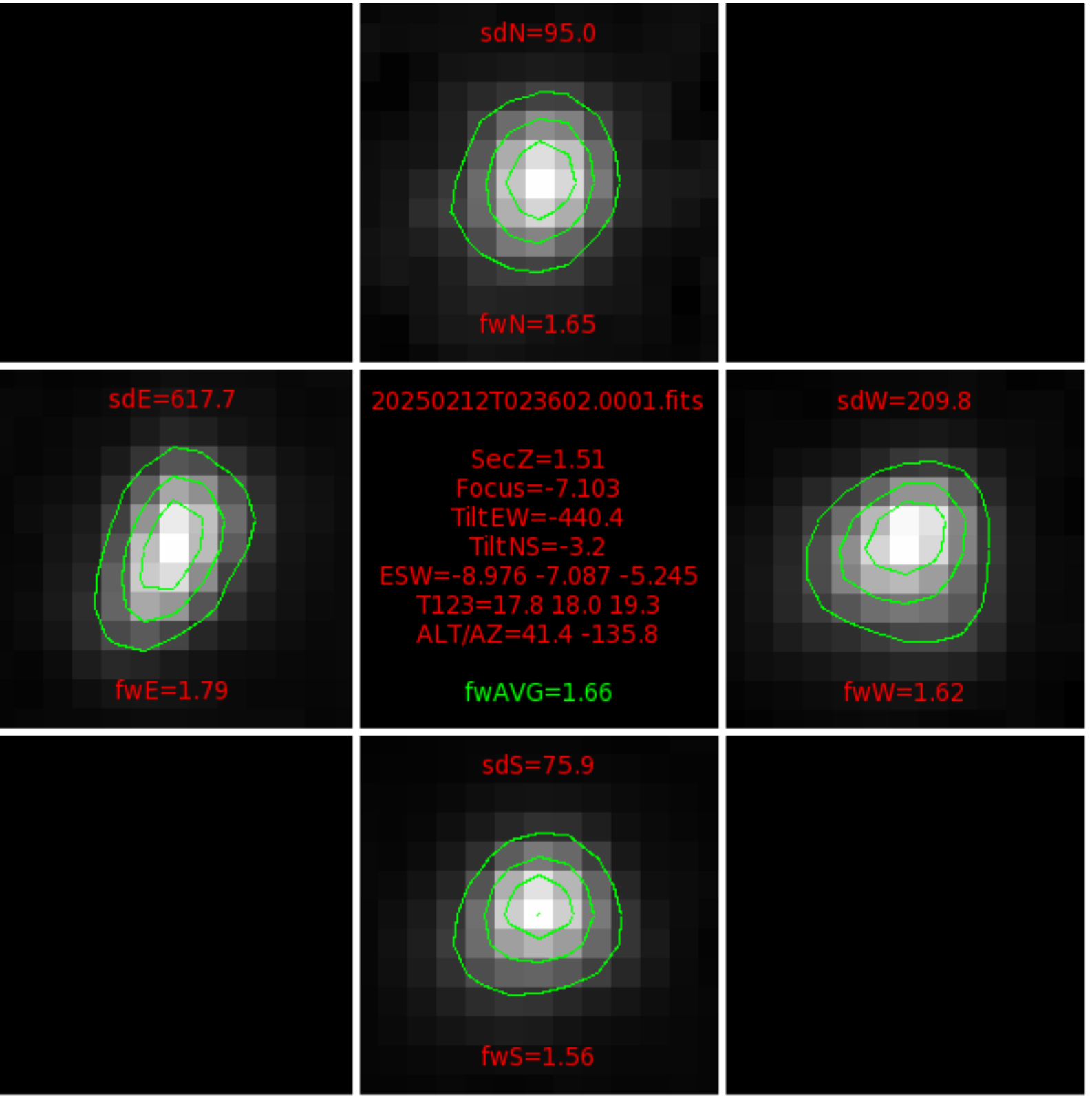
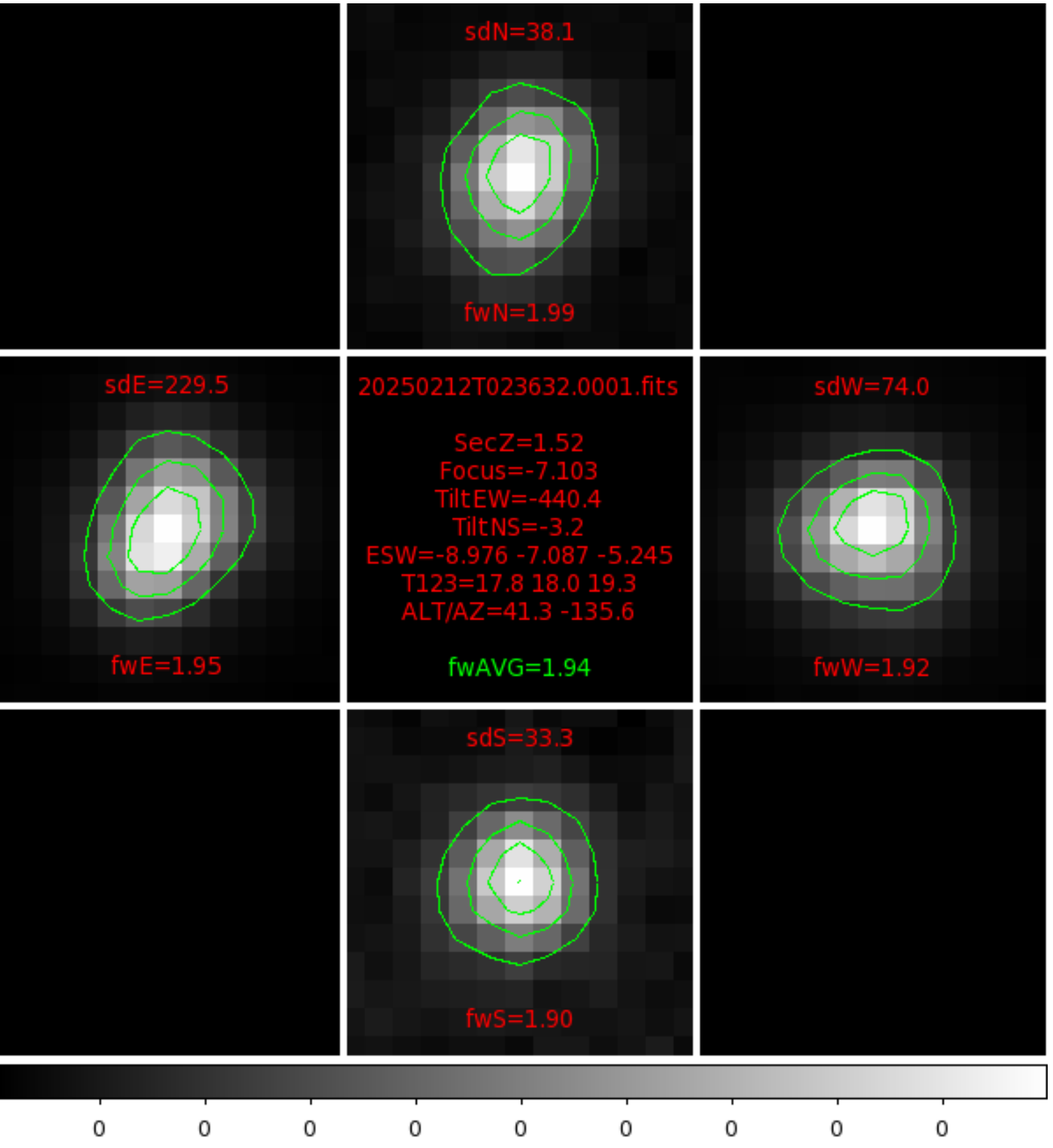
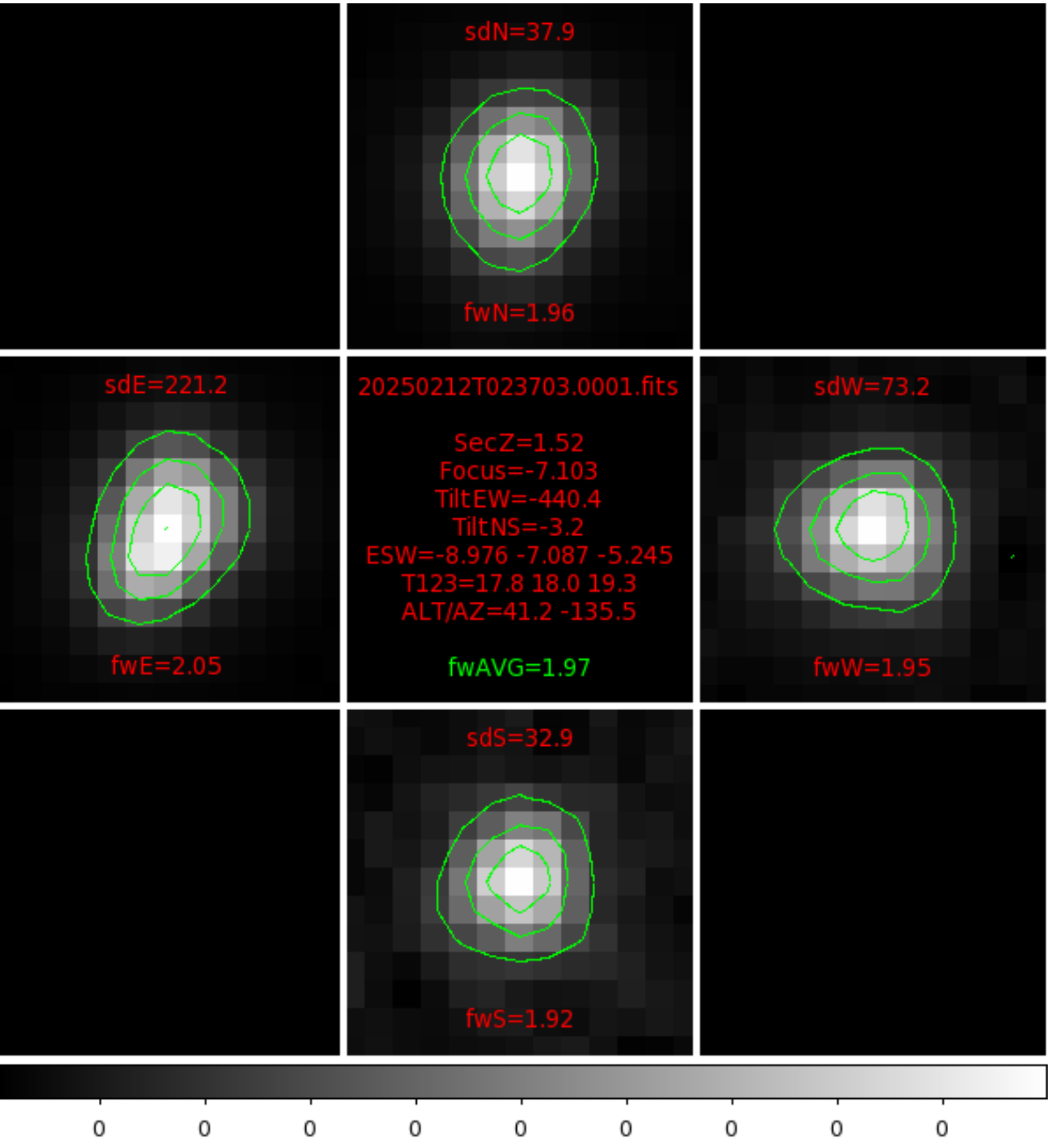

sdN=65.1
fwN=1.71
sdE=463.8
fwE=1.85
20250212T023232.0001.fits
SecZ=1.50
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=41.9 -136.7
fwAVG=1.68
sdW=142.0
fwW=1.73
sdS=53.7
fwS=1.43
0 0 0 0 0 0 0 0 0

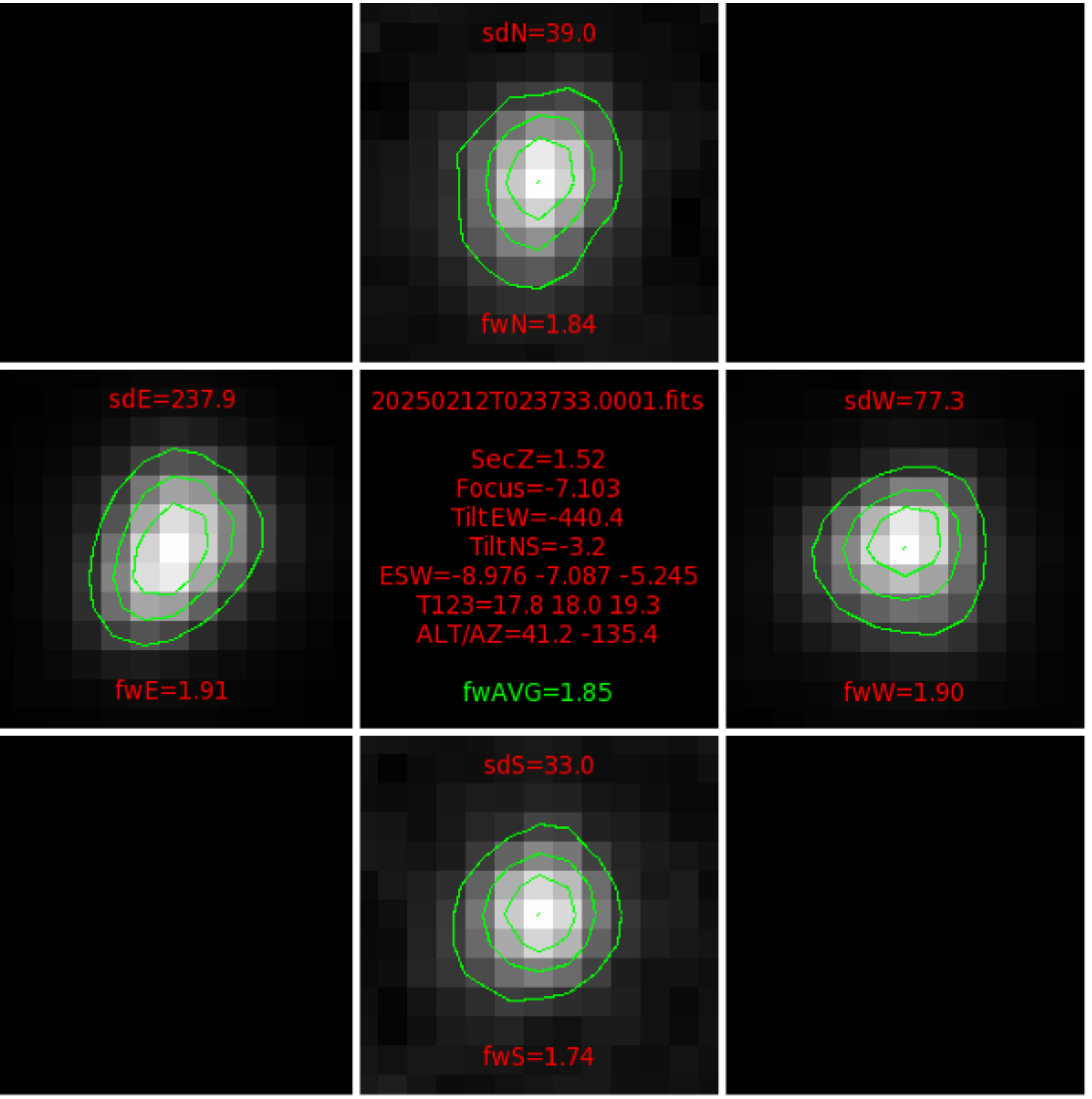

sdN=79.7
fwN=1.60
sdE=547.9
fwE=1.79
20250212T023302.0001.fits
SecZ=1.50
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=41.8 -136.6
fwAVG=1.65
sdW=173.7
fwW=1.69
sdS=63.0
fwS=1.50
0 0 0 0 0 0 0 0 0

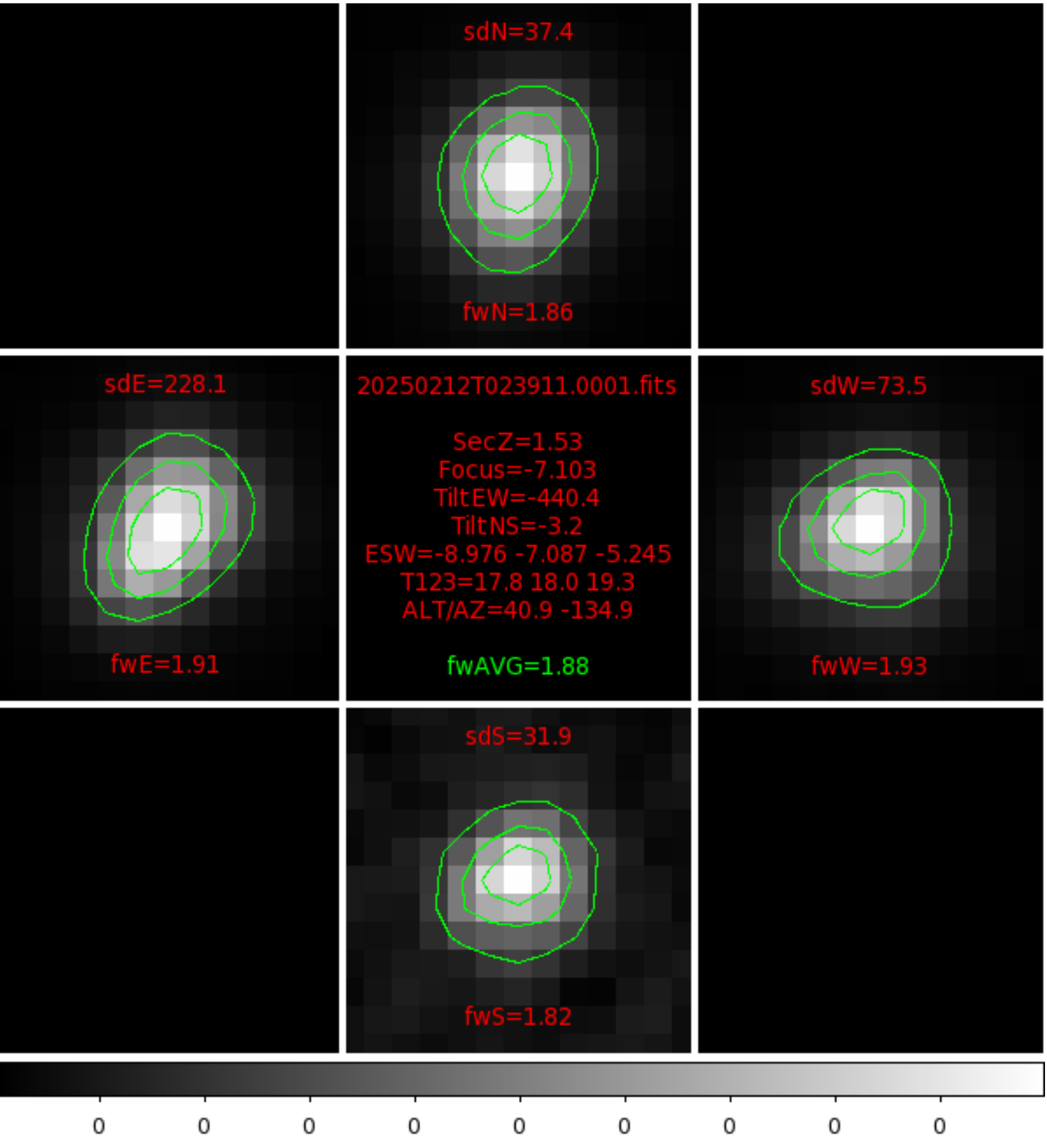

sdN=47.6
fwN=1.75
sdE=347.5
fwE=1.83
20250212T023349.0001.fits
SecZ=1.50
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=41.7 -136.4
fwAVG=1.73
sdW=96.4
fwW=1.70
sdS=39.5
fwS=1.66
0 0 0 0 0 0 0 0 0

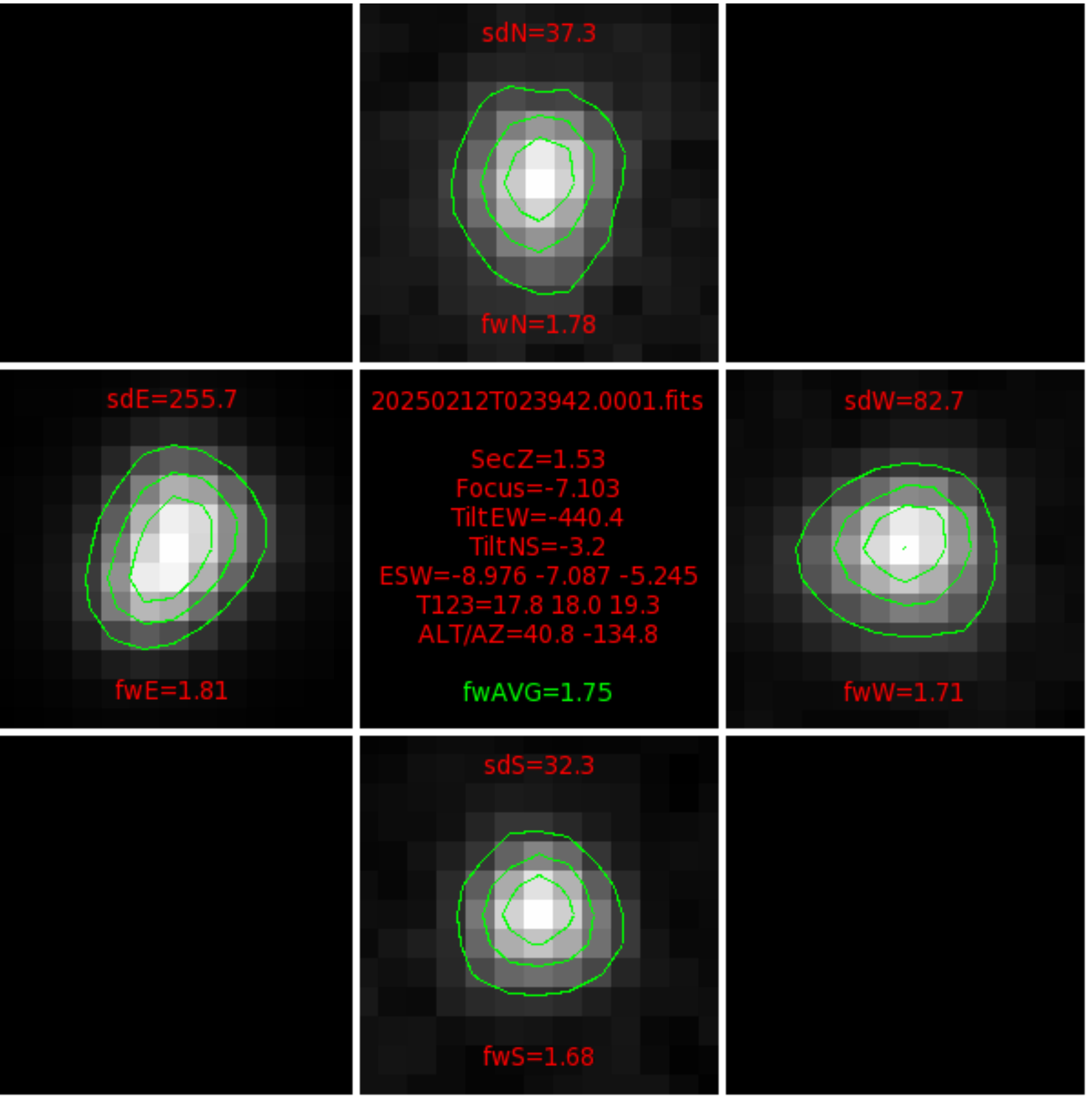

sdN=95.0
fwN=1.65
sdE=617.7
fwE=1.79
20250212T023602.0001.fits
SecZ=1.51
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=41.4 -135.8
fwAVG=1.66
sdW=209.8
fwW=1.62
sdS=75.9
fwS=1.56
0 0 0 0 0 0 0 0 0

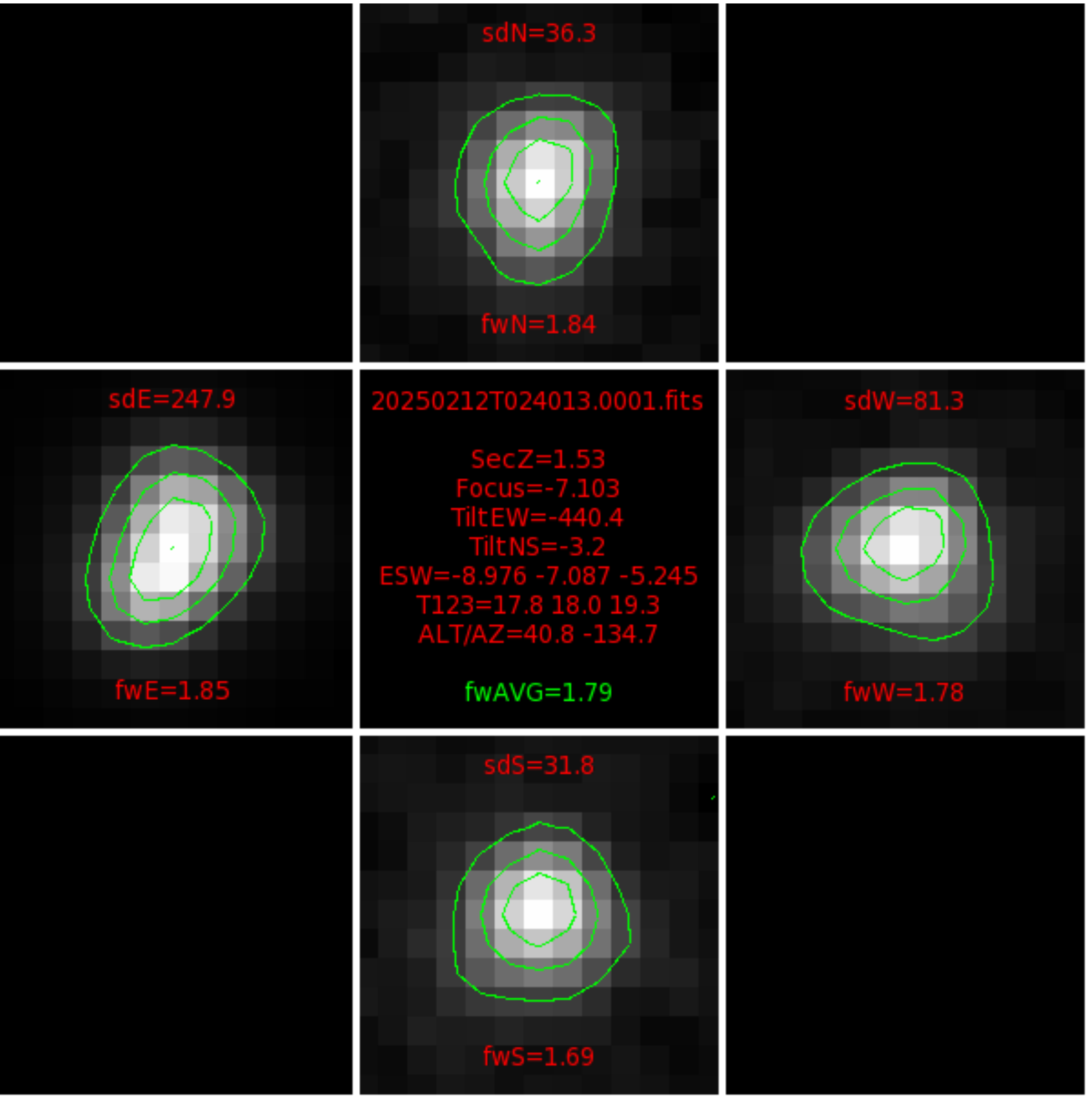

sdN=38.1
fwN=1.99
sdE=229.5
fwE=1.95
20250212T023632.0001.fits
SecZ=1.52
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=41.3 -135.6
fwAVG=1.94
sdW=74.0
fwW=1.92
sdS=33.3
fwS=1.90
0 0 0 0 0 0 0 0 0

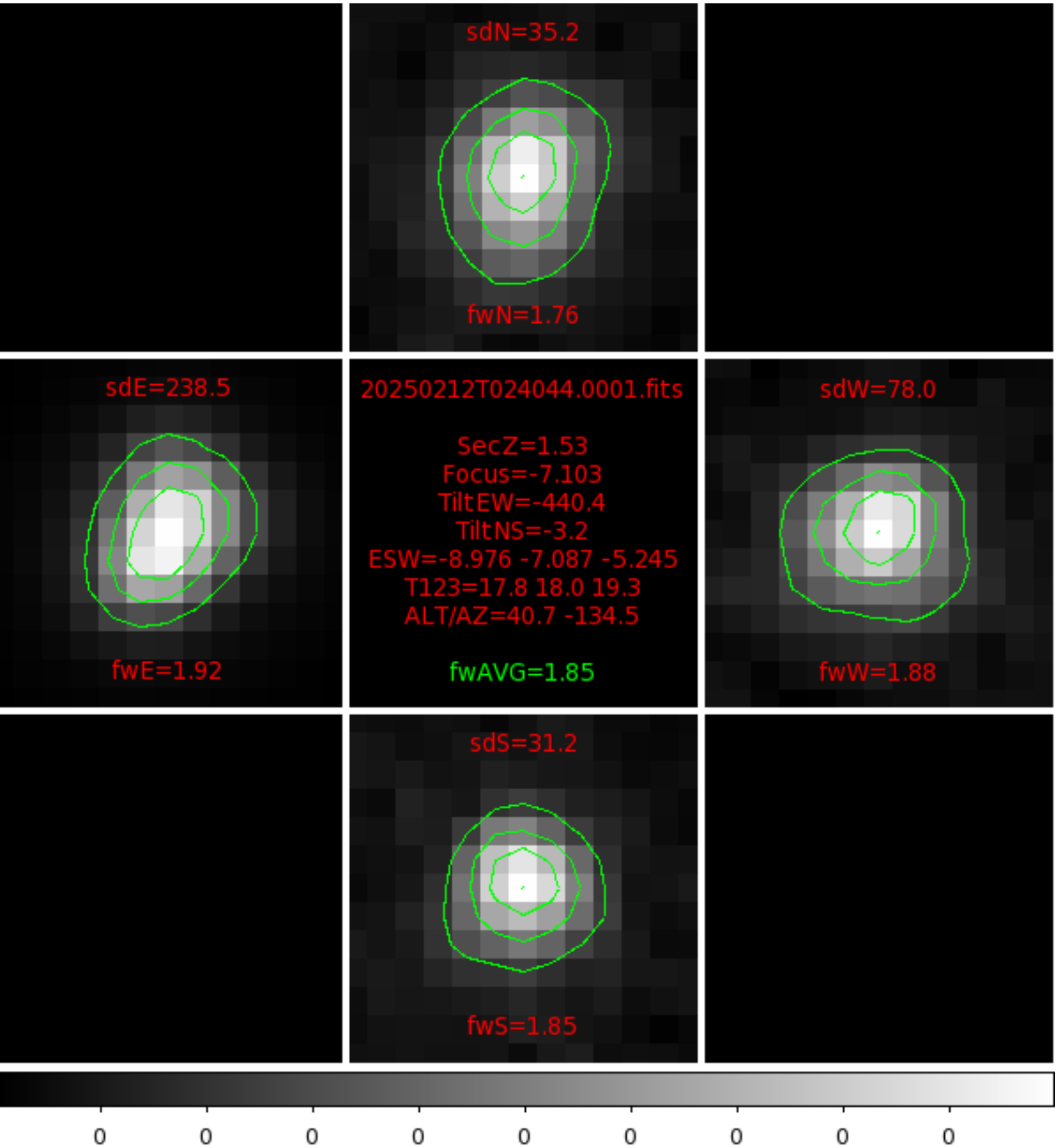

sdN=37.9
fwN=1.96
sdE=221.2
fwE=2.05
20250212T023703.0001.fits
SecZ=1.52
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=41.2 -135.5
fwAVG=1.97
sdW=73.2
fwW=1.95
sdS=32.9
fwS=1.92
0 0 0 0 0 0 0 0 0

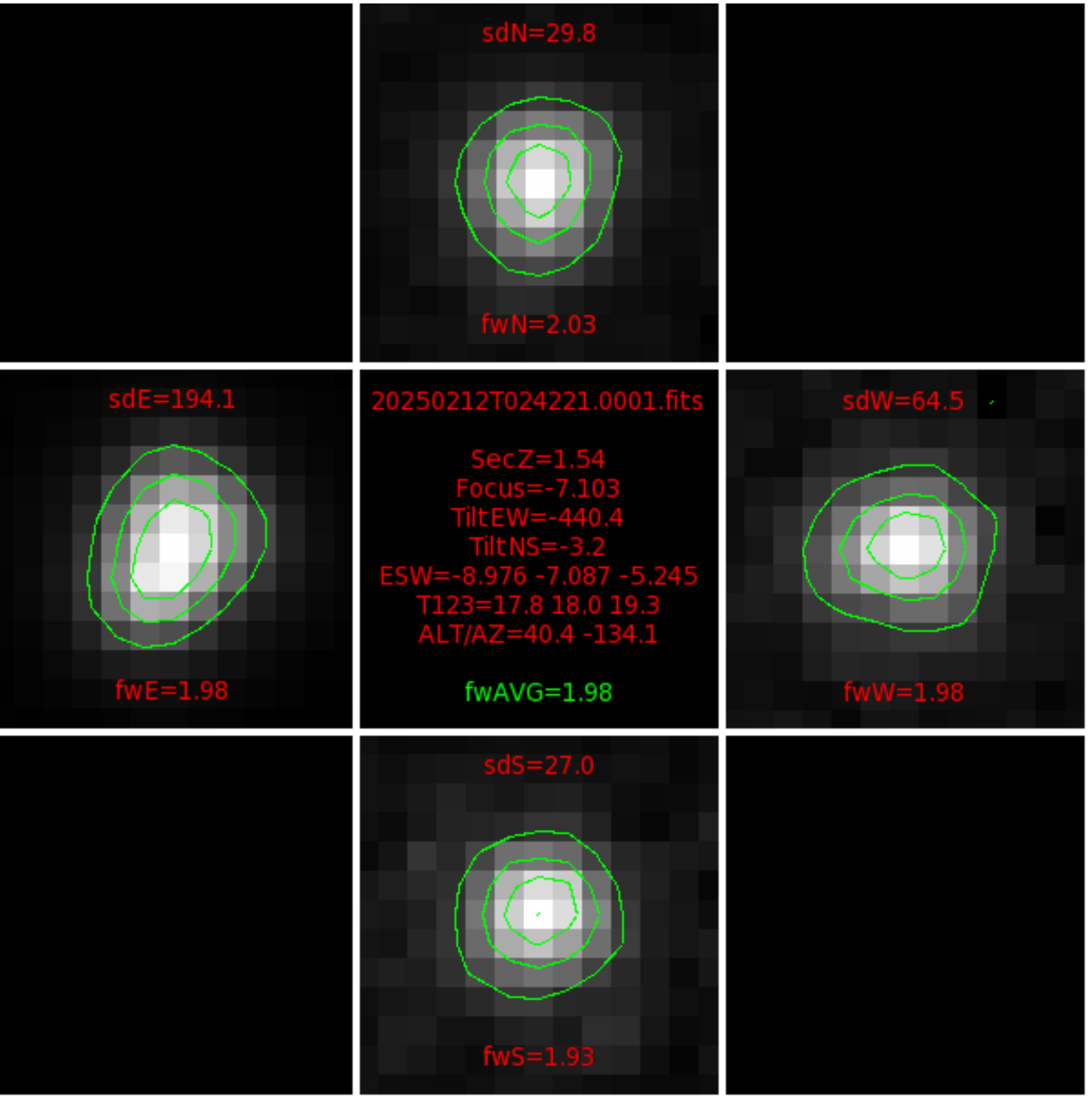

sdN=39.0
fwN=1.84
sdE=237.9
fwE=1.91
20250212T023733.0001.fits
SecZ=1.52
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=41.2 -135.4
fwAVG=1.85
sdW=77.3
fwW=1.90
sdS=33.0
fwS=1.74
0 0 0 0 0 0 0 0 0

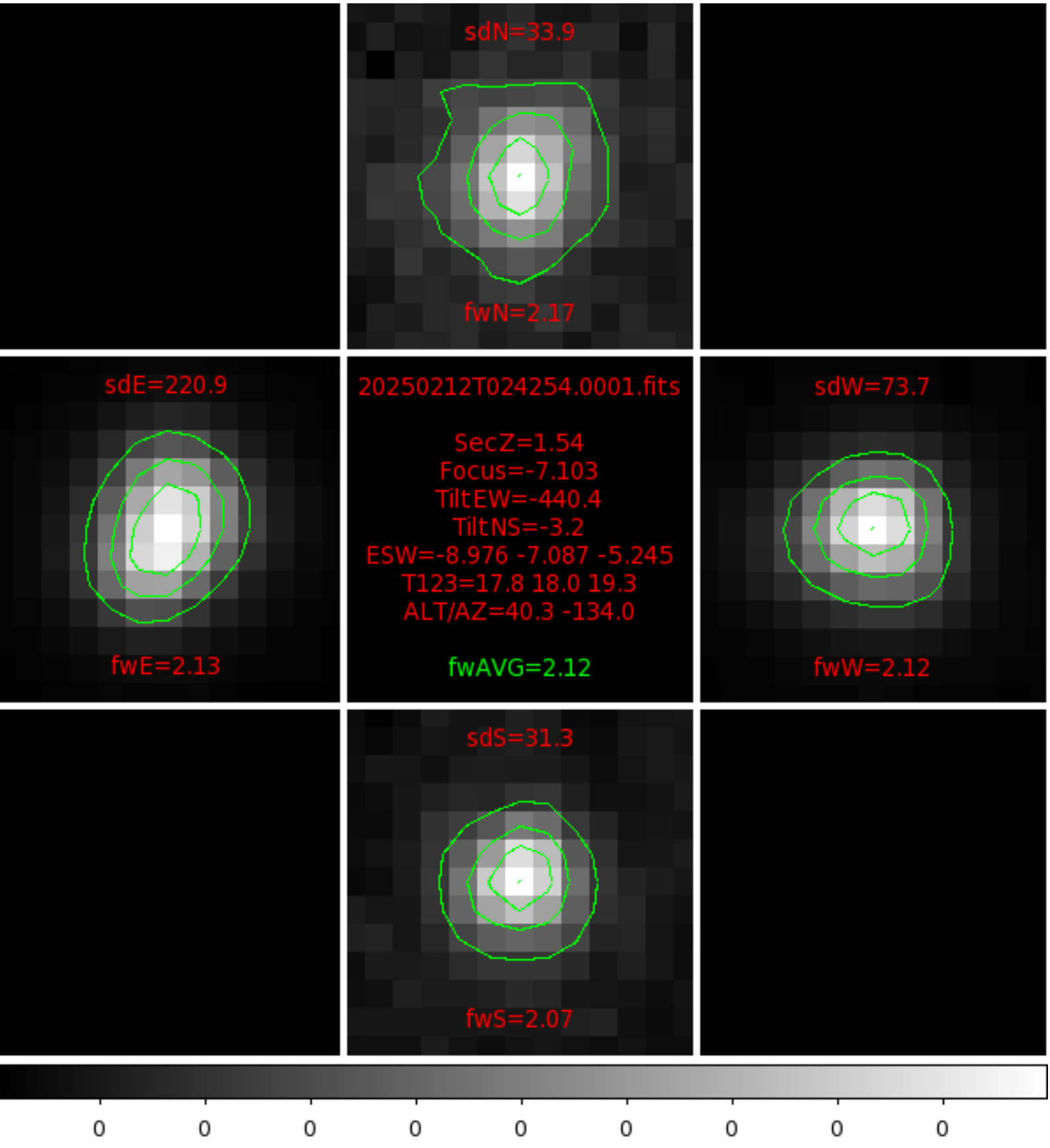

sdN=37.4
fwN=1.86
sdE=228.1
fwE=1.91
20250212T023911.0001.fits
SecZ=1.53
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=40.9 -134.9
fwAVG=1.88
sdW=73.5
fwW=1.93
sdS=31.9
fwS=1.82
0 0 0 0 0 0 0 0 0

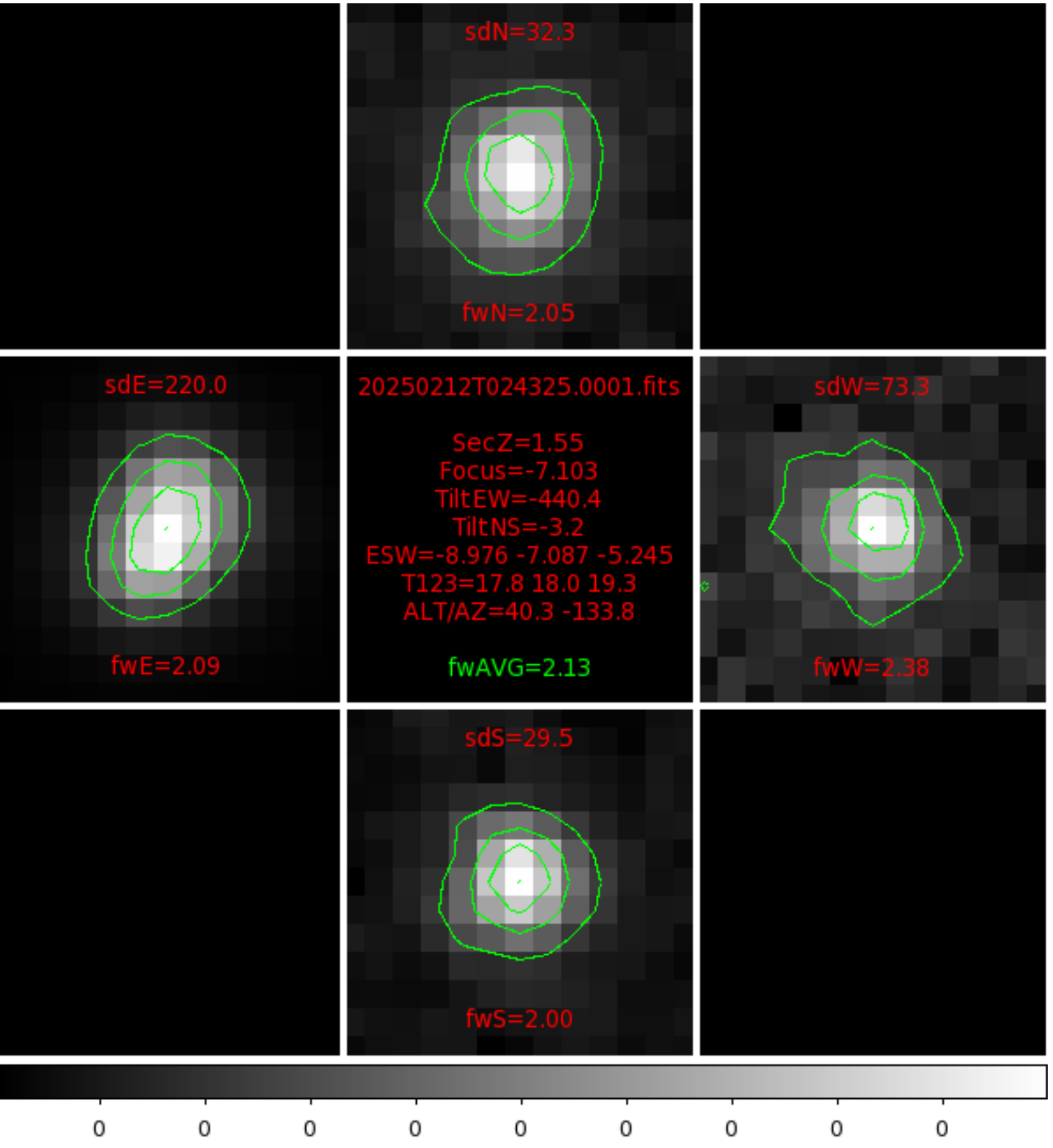

sdN=37.3
fwN=1.78
sdE=255.7
fwE=1.81
20250212T023942.0001.fits
SecZ=1.53
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=40.8 -134.8
fwAVG=1.75
sdW=82.7
fwW=1.71
sdS=32.3
fwS=1.68
0 0 0 0 0 0 0 0 0

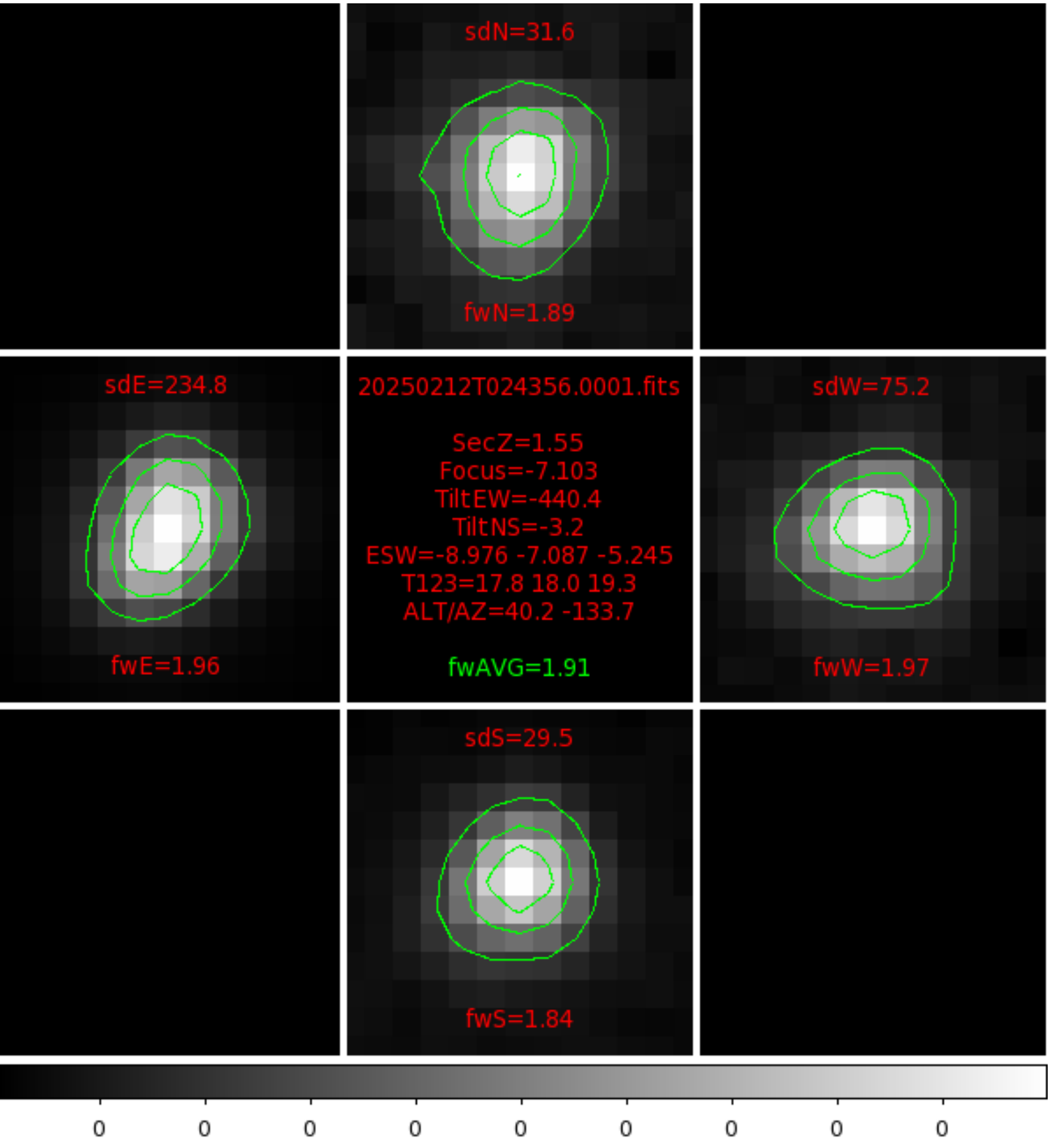

sdN=36.3
fwN=1.84
sdE=247.9
fwE=1.85
20250212T024013.0001.fits
SecZ=1.53
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=40.8 -134.7
fwAVG=1.79
sdW=81.3
fwW=1.78
sdS=31.8
fwS=1.69
0 0 0 0 0 0 0 0 0

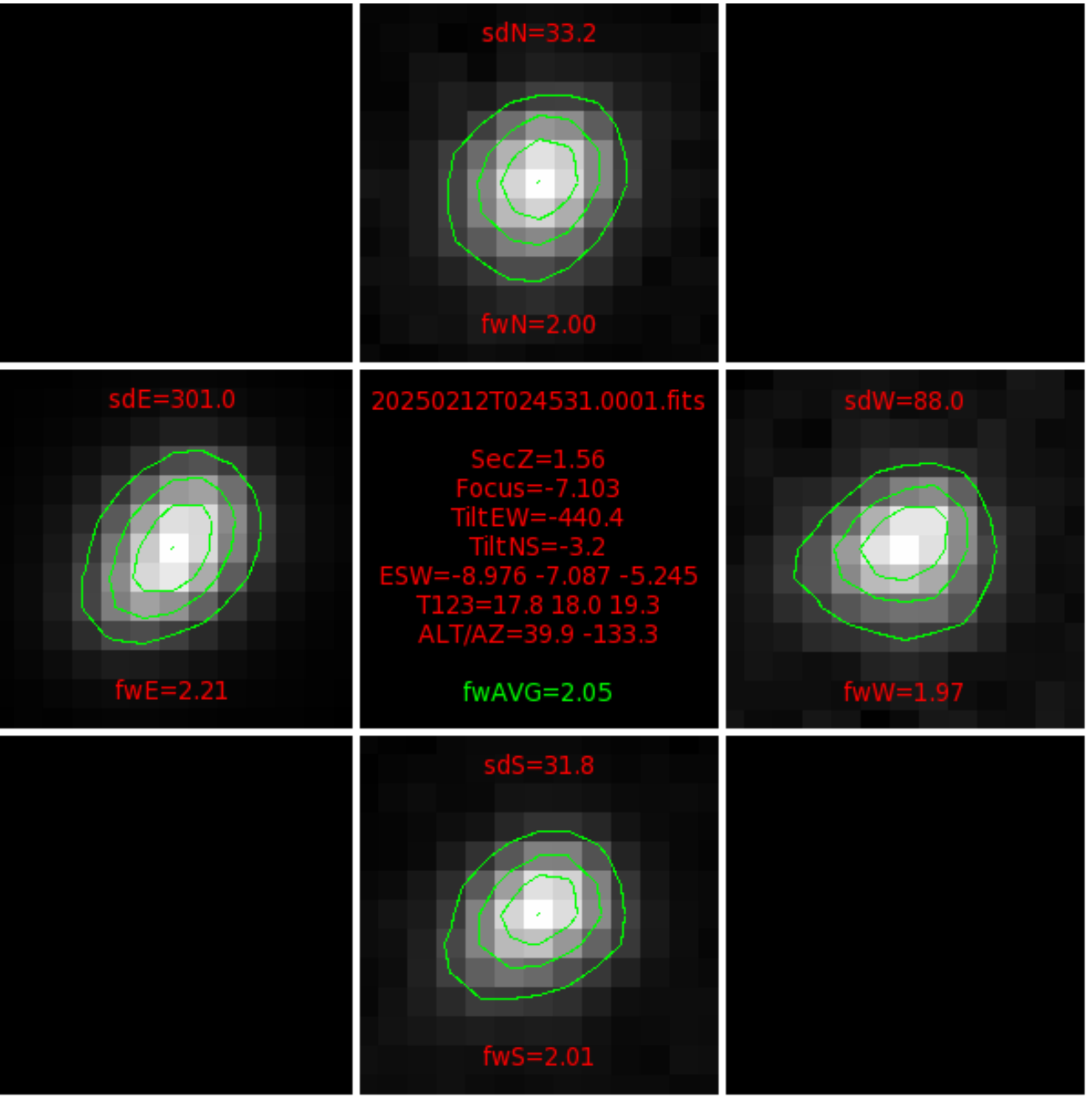

sdN=35.2
fwN=1.76
sdE=238.5
fwE=1.92
20250212T024044.0001.fits
SecZ=1.53
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=40.7 -134.5
fwAVG=1.85
sdW=78.0
fwW=1.88
sdS=31.2
fwS=1.85
0 0 0 0 0 0 0 0 0

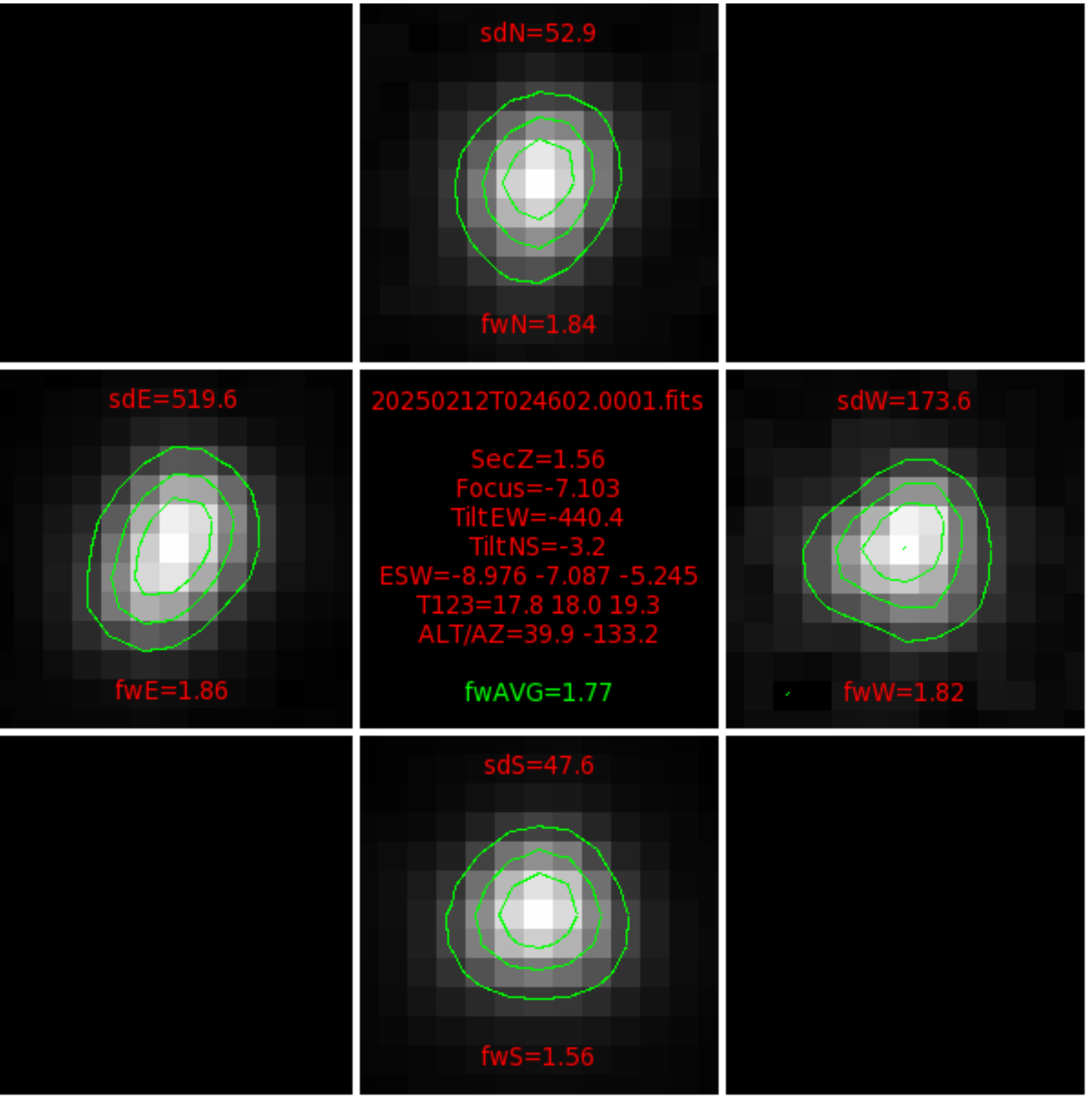

sdN=29.8
fwN=2.03
sdE=194.1
fwE=1.98
20250212T024221.0001.fits
SecZ=1.54
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=40.4 -134.1
fwAVG=1.98
sdW=64.5
fwW=1.98
sdS=27.0
fwS=1.93
0 0 0 0 0 0 0 0 0

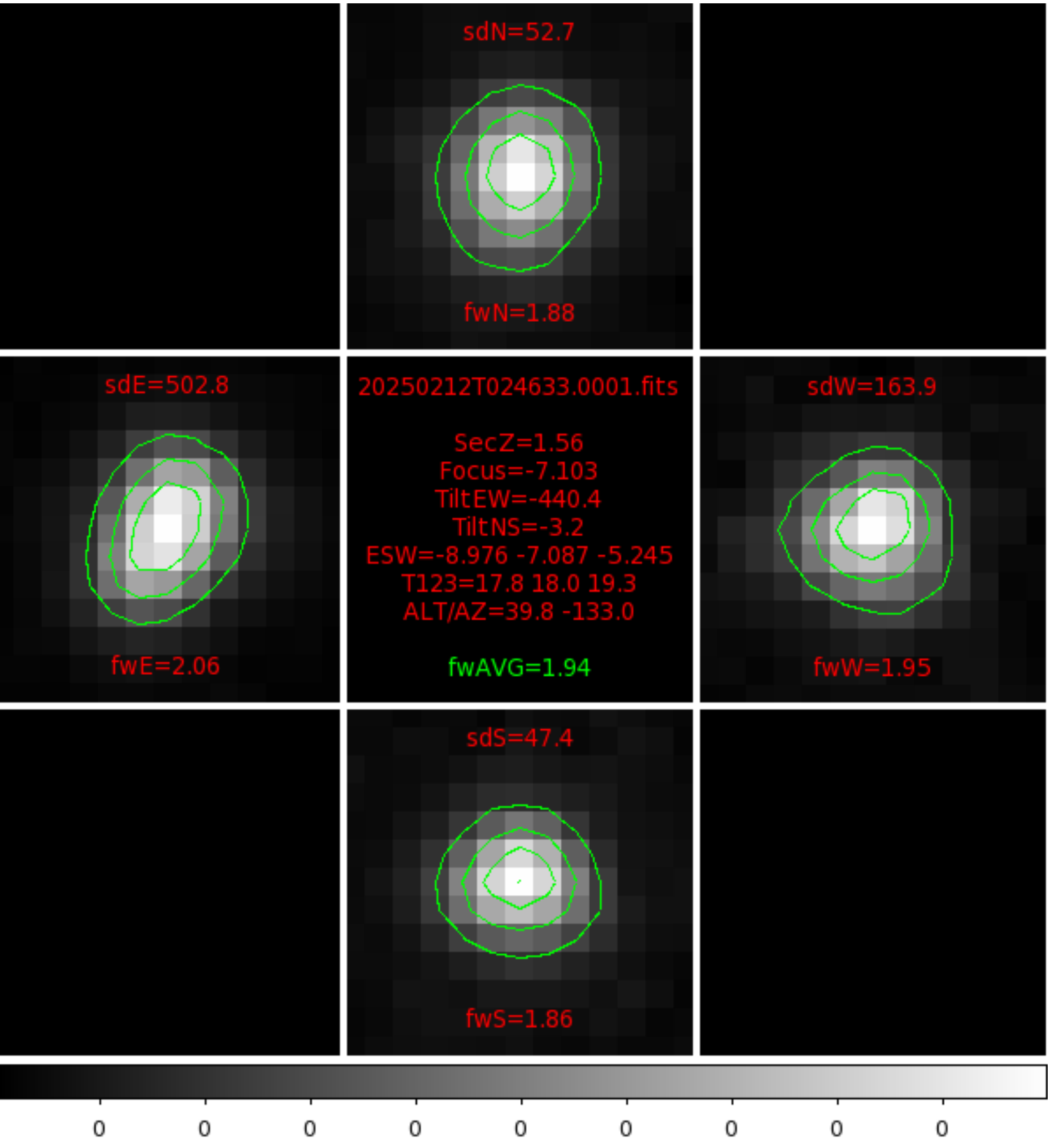

sdN=33.9
fwN=2.17
sdE=220.9
fwE=2.13
20250212T024254.0001.fits
SecZ=1.54
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=40.3 -134.0
fwAVG=2.12
sdW=73.7
fwW=2.12
sdS=31.3
fwS=2.07
0 0 0 0 0 0 0 0 0

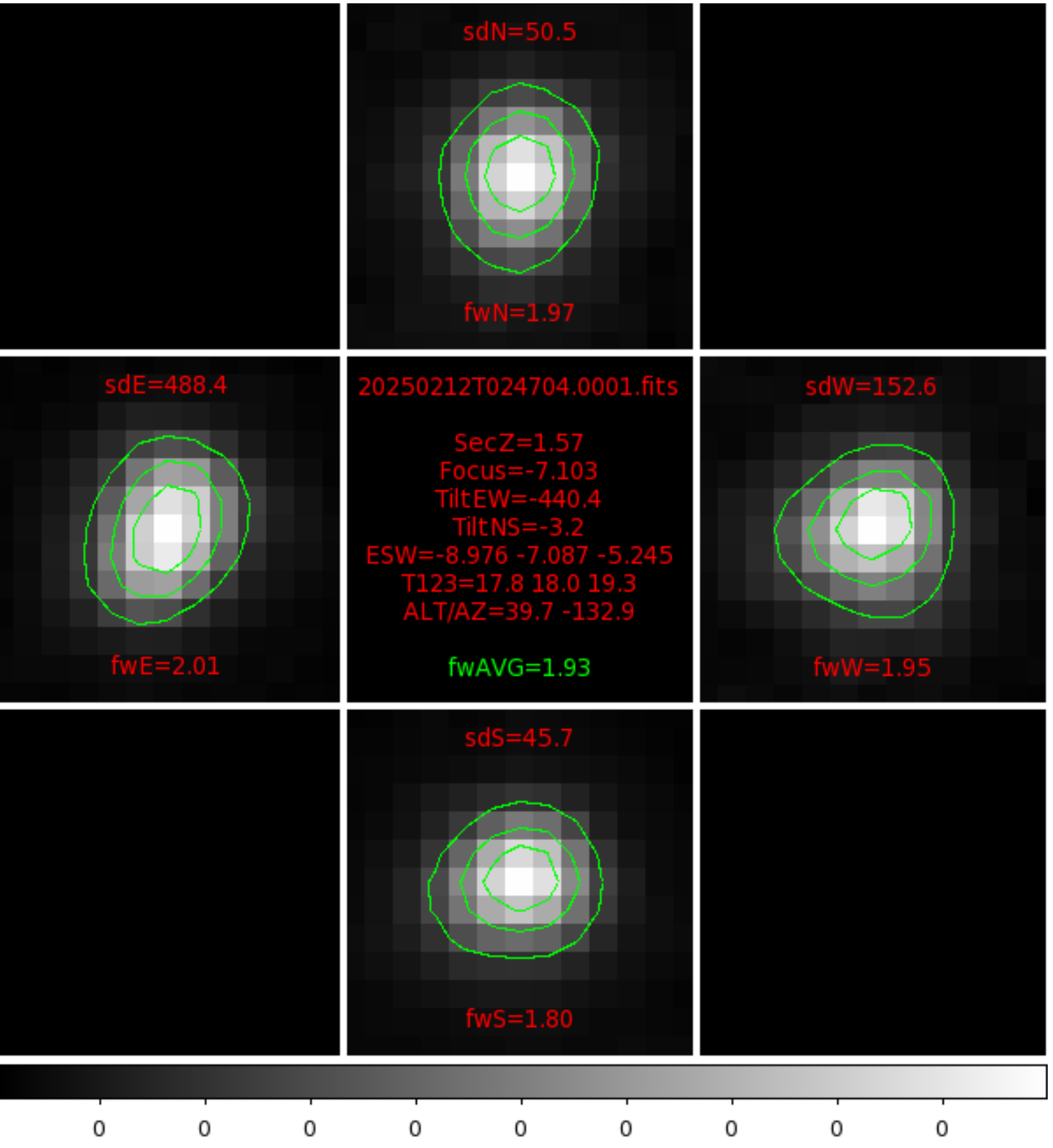

sdN=32.3
fwN=2.05
sdE=220.0
fwE=2.09
20250212T024325.0001.fits
SecZ=1.55
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=40.3 -133.8
fwAVG=2.13
sdW=73.3
fwW=2.38
sdS=29.5
fwS=2.00
0 0 0 0 0 0 0 0 0

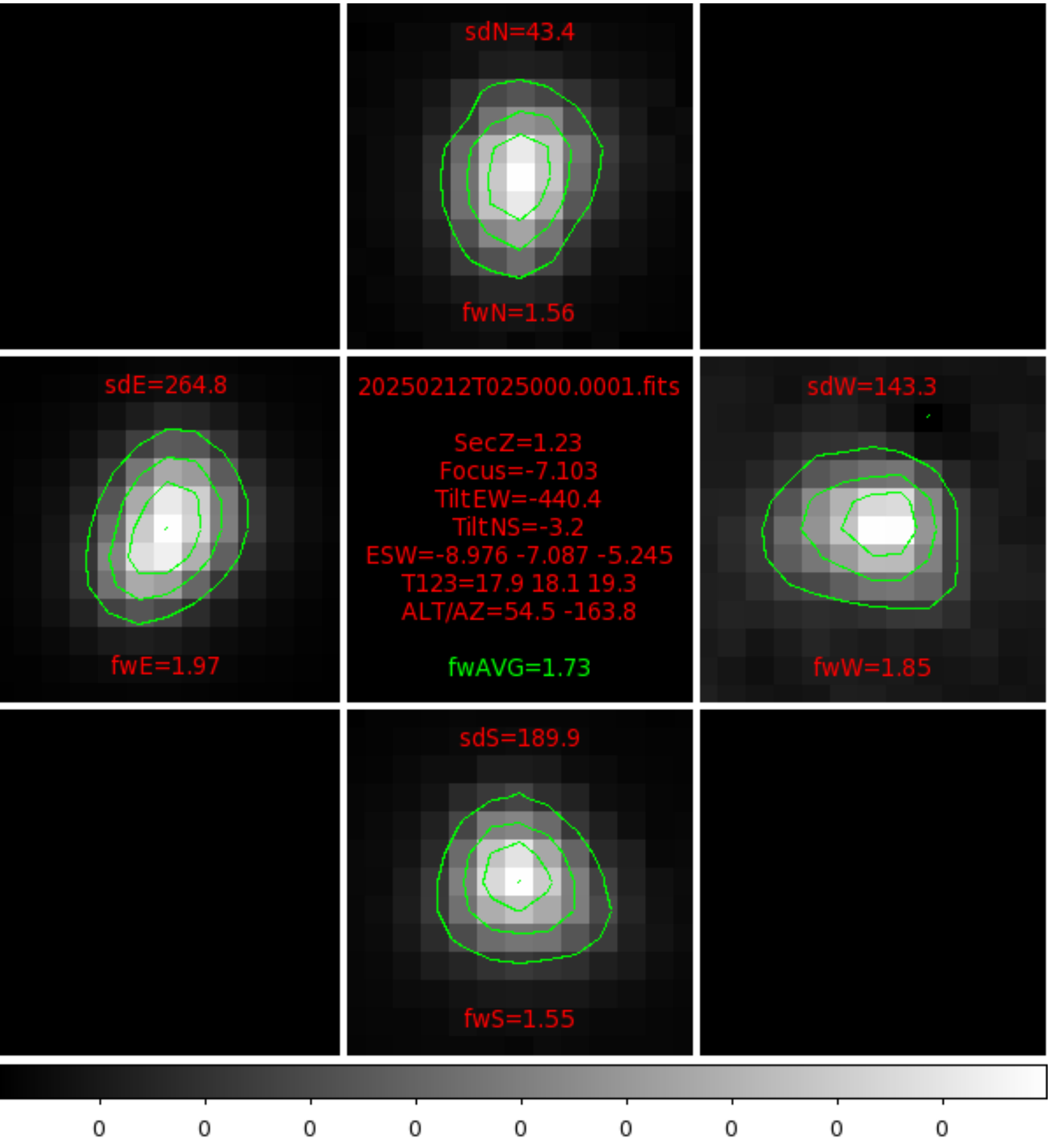

sdN=31.6
fwN=1.89
sdE=234.8
fwE=1.96
20250212T024356.0001.fits
SecZ=1.55
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=40.2 -133.7
fwAVG=1.91
sdW=75.2
fwW=1.97
sdS=29.5
fwS=1.84
0 0 0 0 0 0 0 0 0

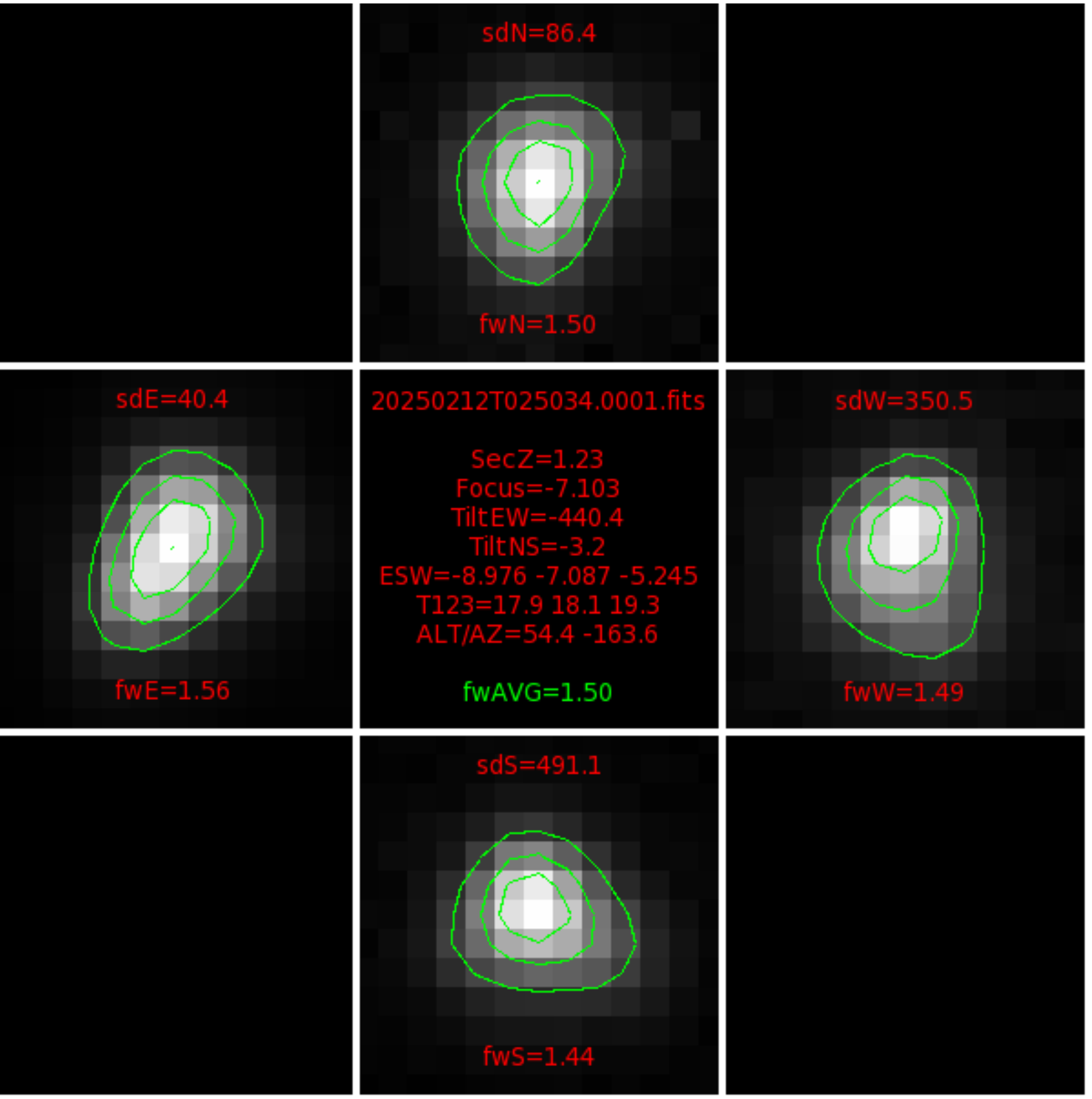

sdN=33.2
fwN=2.00
sdE=301.0
fwE=2.21
20250212T024531.0001.fits
SecZ=1.56
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=39.9 -133.3
fwAVG=2.05
sdW=88.0
fwW=1.97
sdS=31.8
fwS=2.01
0 0 0 0 0 0 0 0 0

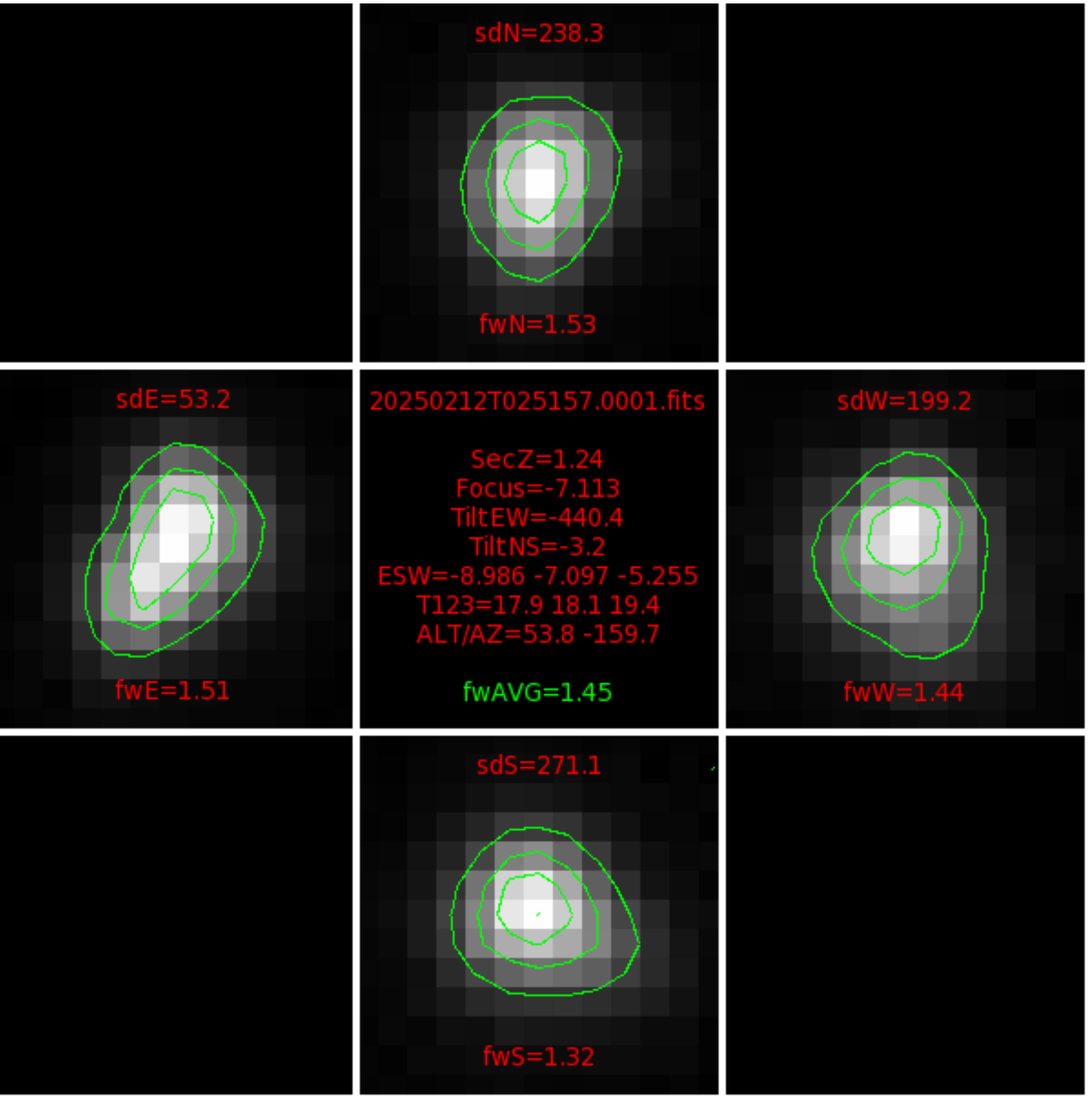

sdN=52.9
fwN=1.84
sdE=519.6
fwE=1.86
20250212T024602.0001.fits
SecZ=1.56
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=39.9 -133.2
fwAVG=1.77
sdW=173.6
fwW=1.82
sdS=47.6
fwS=1.56
0 0 0 0 0 0 0 0 0

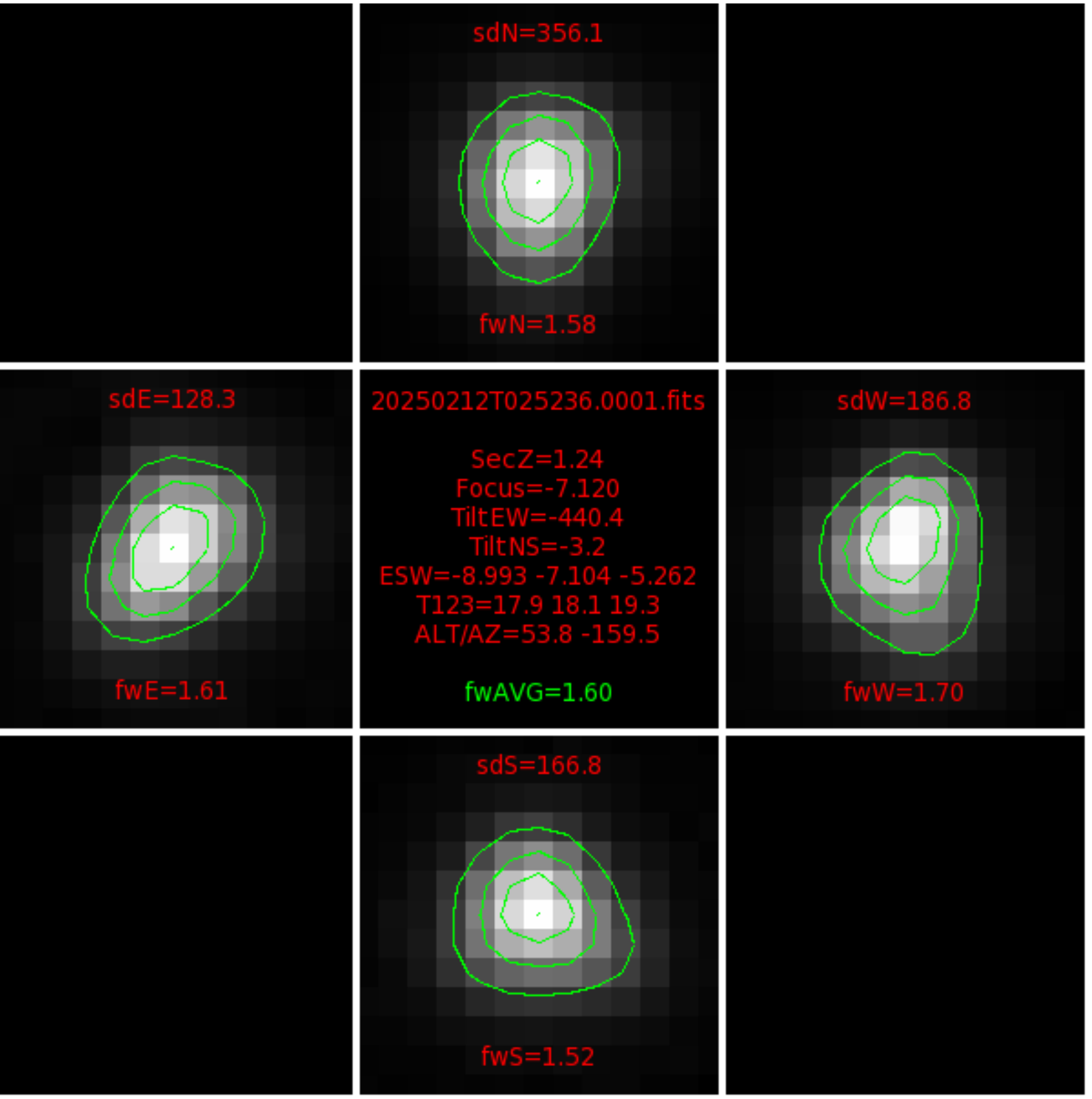

sdN=52.7
fwN=1.88
sdE=502.8
fwE=2.06
20250212T024633.0001.fits
SecZ=1.56
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=39.8 -133.0
fwAVG=1.94
sdW=163.9
fwW=1.95
sdS=47.4
fwS=1.86
0 0 0 0 0 0 0 0 0

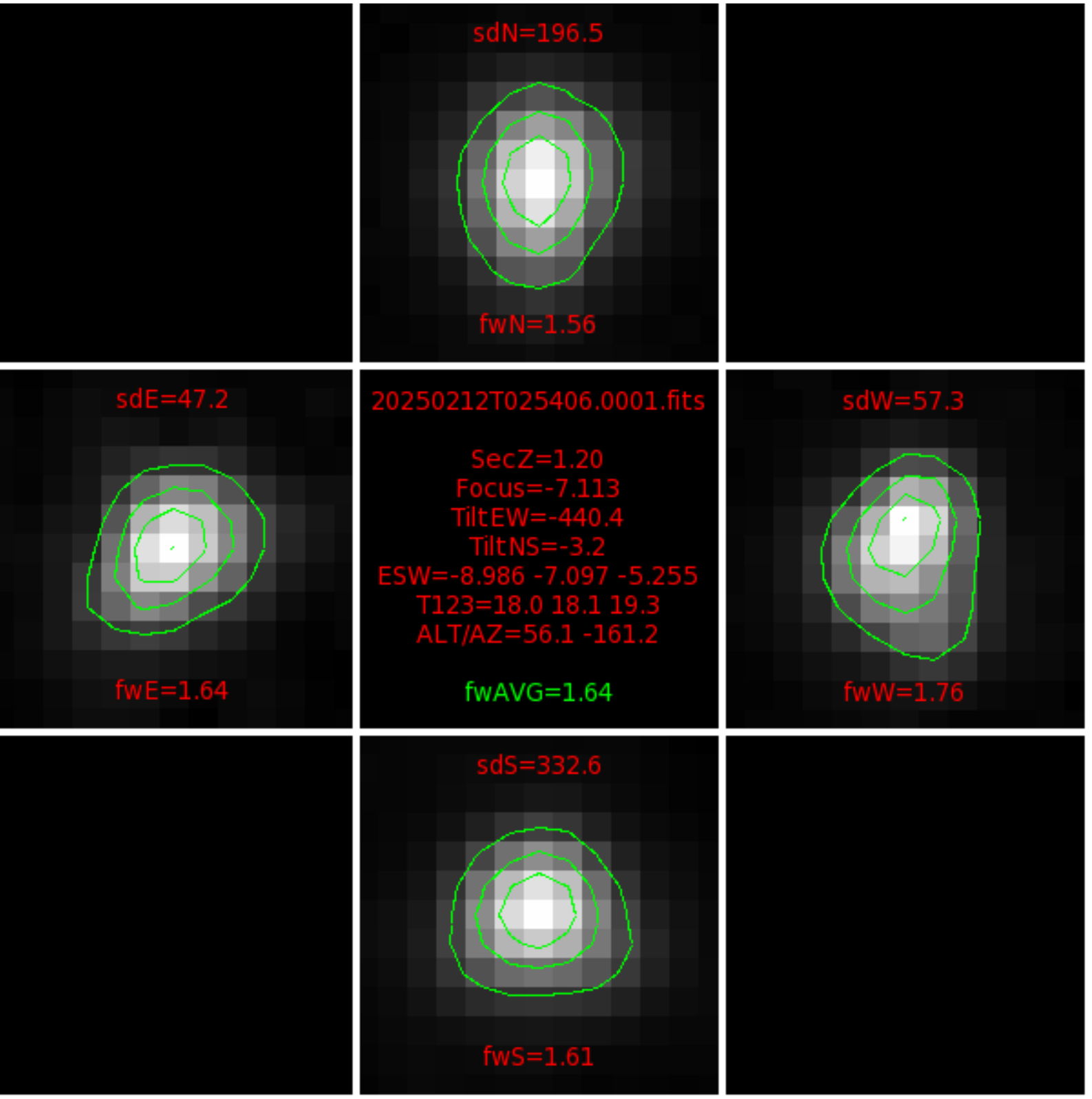

sdN=50.5
fwN=1.97
sdE=488.4
fwE=2.01
20250212T024704.0001.fits
SecZ=1.57
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.8 18.0 19.3
ALT/AZ=39.7 -132.9
fwAVG=1.93
sdW=152.6
fwW=1.95
sdS=45.7
fwS=1.80
0 0 0 0 0 0 0 0 0

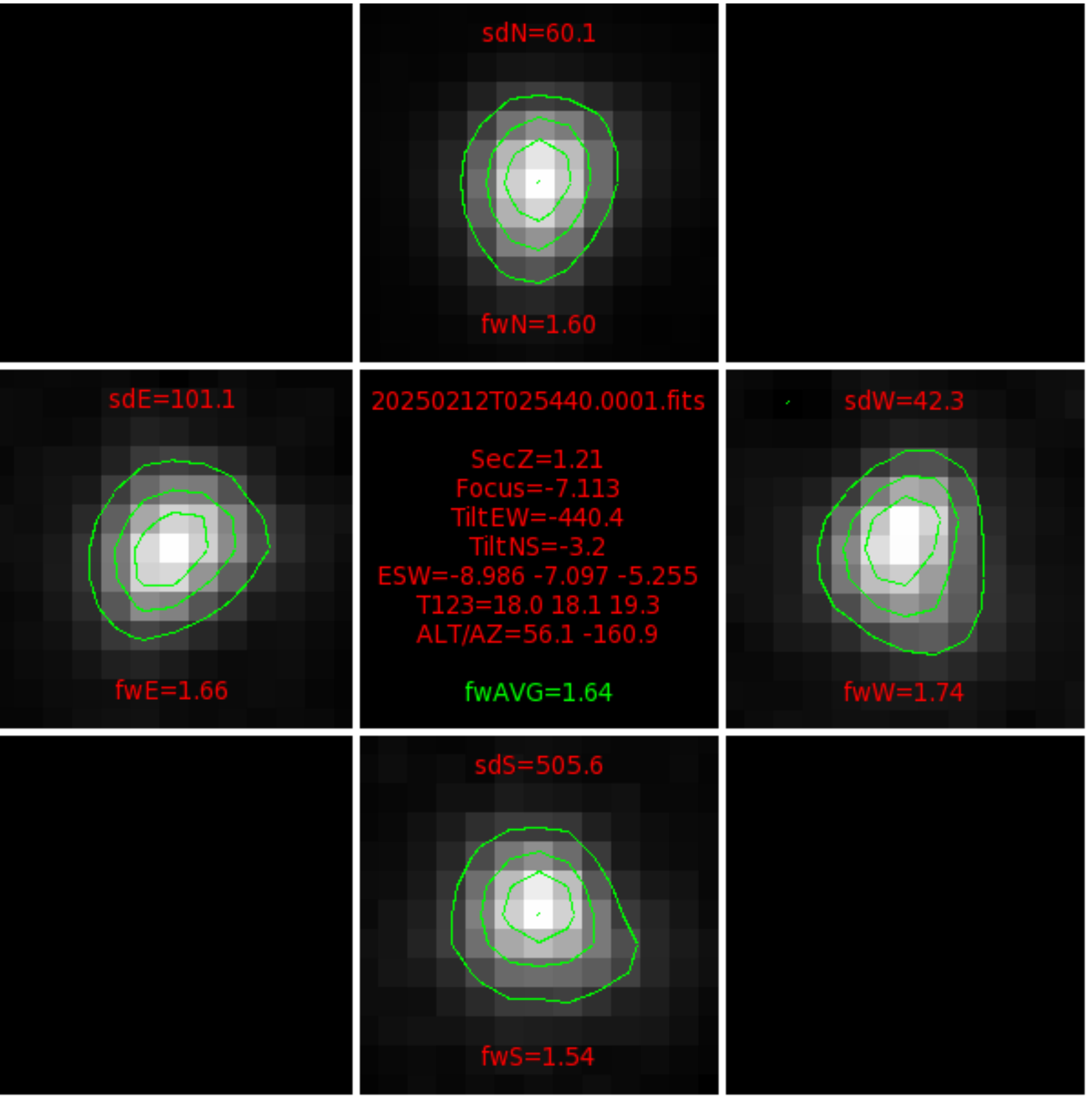

sdN=43.4
fwN=1.56
sdE=264.8
fwE=1.97
20250212T025000.0001.fits
SecZ=1.23
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.9 18.1 19.3
ALT/AZ=54.5 -163.8
fwAVG=1.73
sdW=143.3
fwW=1.85
sdS=189.9
fwS=1.55
0 0 0 0 0 0 0 0 0

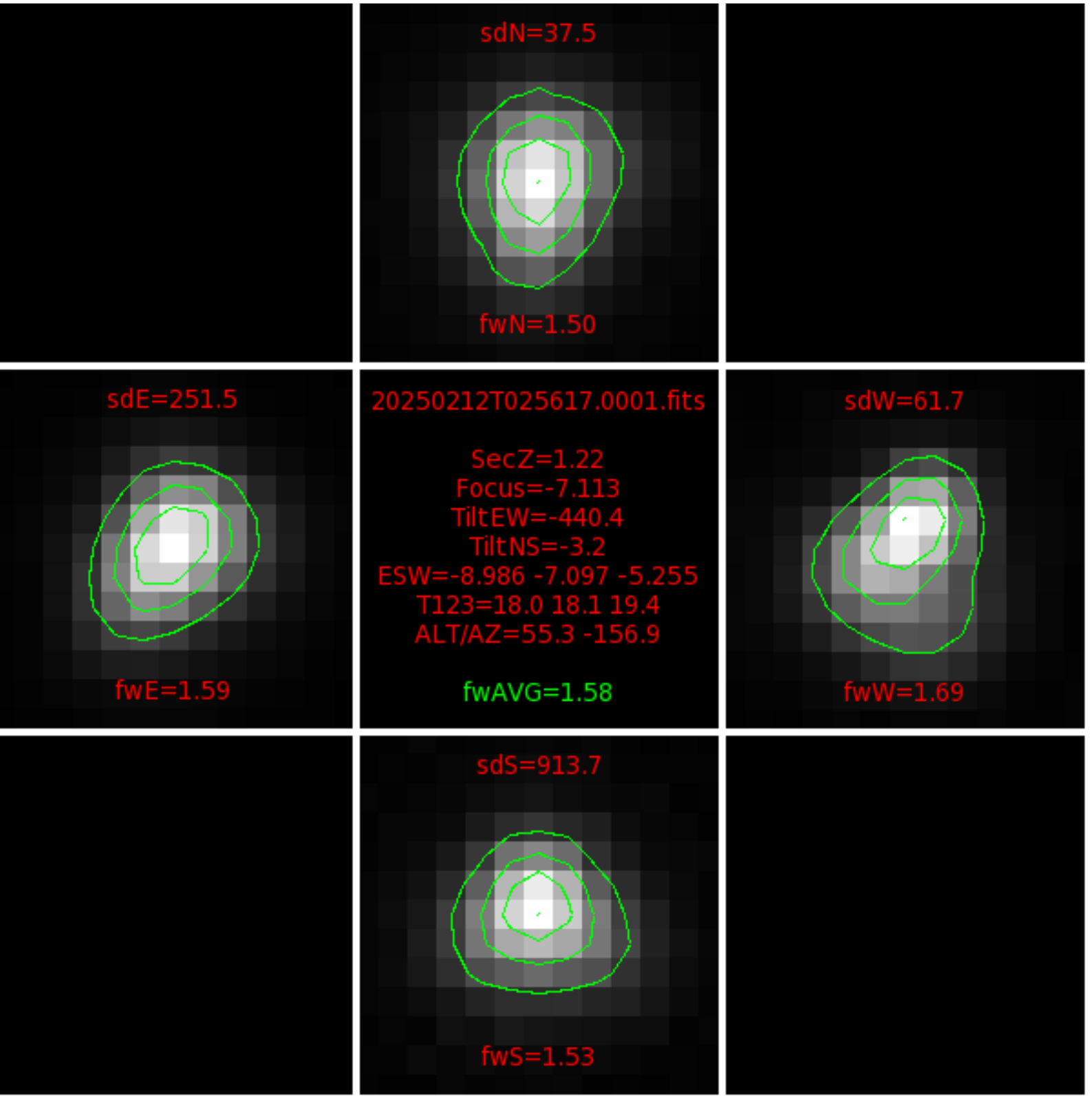

sdN=86.4
fwN=1.50
sdE=40.4
fwE=1.56
20250212T025034.0001.fits
SecZ=1.23
Focus=-7.103
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.976 -7.087 -5.245
T123=17.9 18.1 19.3
ALT/AZ=54.4 -163.6
fwAVG=1.50
sdW=350.5
fwW=1.49
sdS=491.1
fwS=1.44
0 0 0 0 0 0 0 0 0

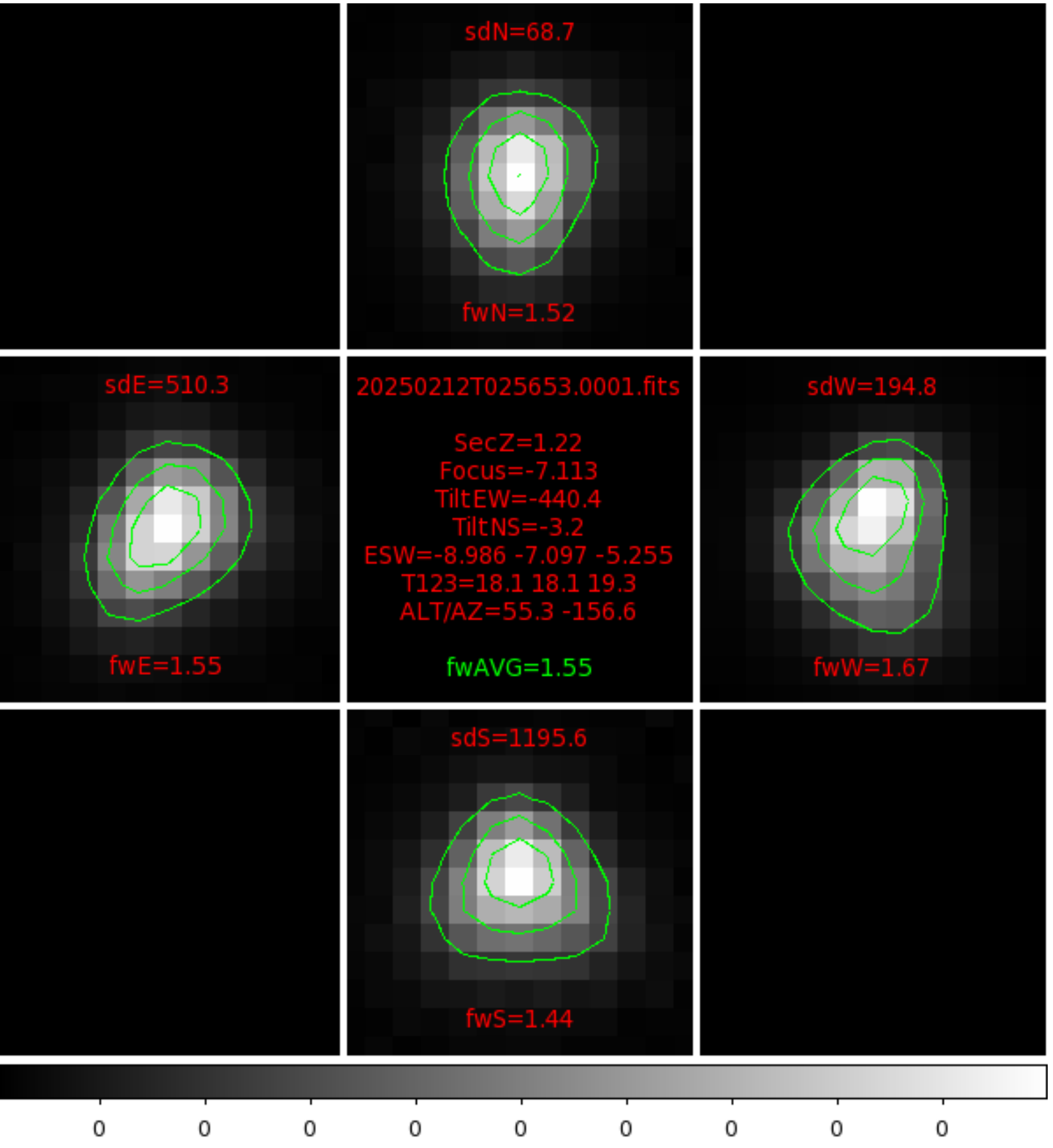

sdN=238.3
fwN=1.53
sdE=53.2
fwE=1.51
20250212T025157.0001.fits
SecZ=1.24
Focus=-7.113
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.986 -7.097 -5.255
T123=17.9 18.1 19.4
ALT/AZ=53.8 -159.7
fwAVG=1.45
sdW=199.2
fwW=1.44
sdS=271.1
fwS=1.32
0 0 0 0 0 0 0 0 0

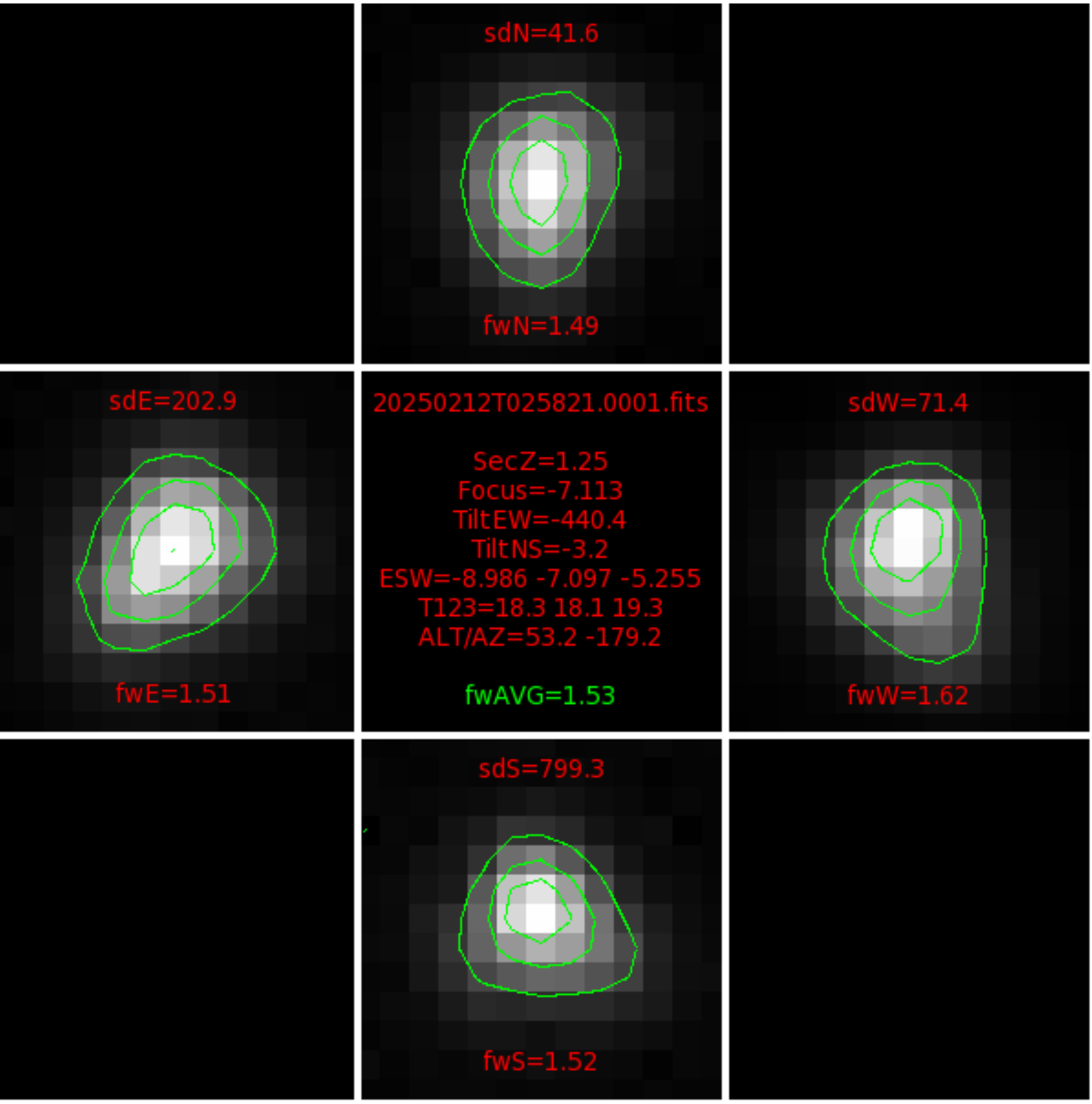

sdN=356.1
fwN=1.58
sdE=128.3
fwE=1.61
20250212T025236.0001.fits
SecZ=1.24
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=17.9 18.1 19.3
ALT/AZ=53.8 -159.5
fwAVG=1.60
sdW=186.8
fwW=1.70
sdS=166.8
fwS=1.52
0 0 0 0 0 0 0 0 0

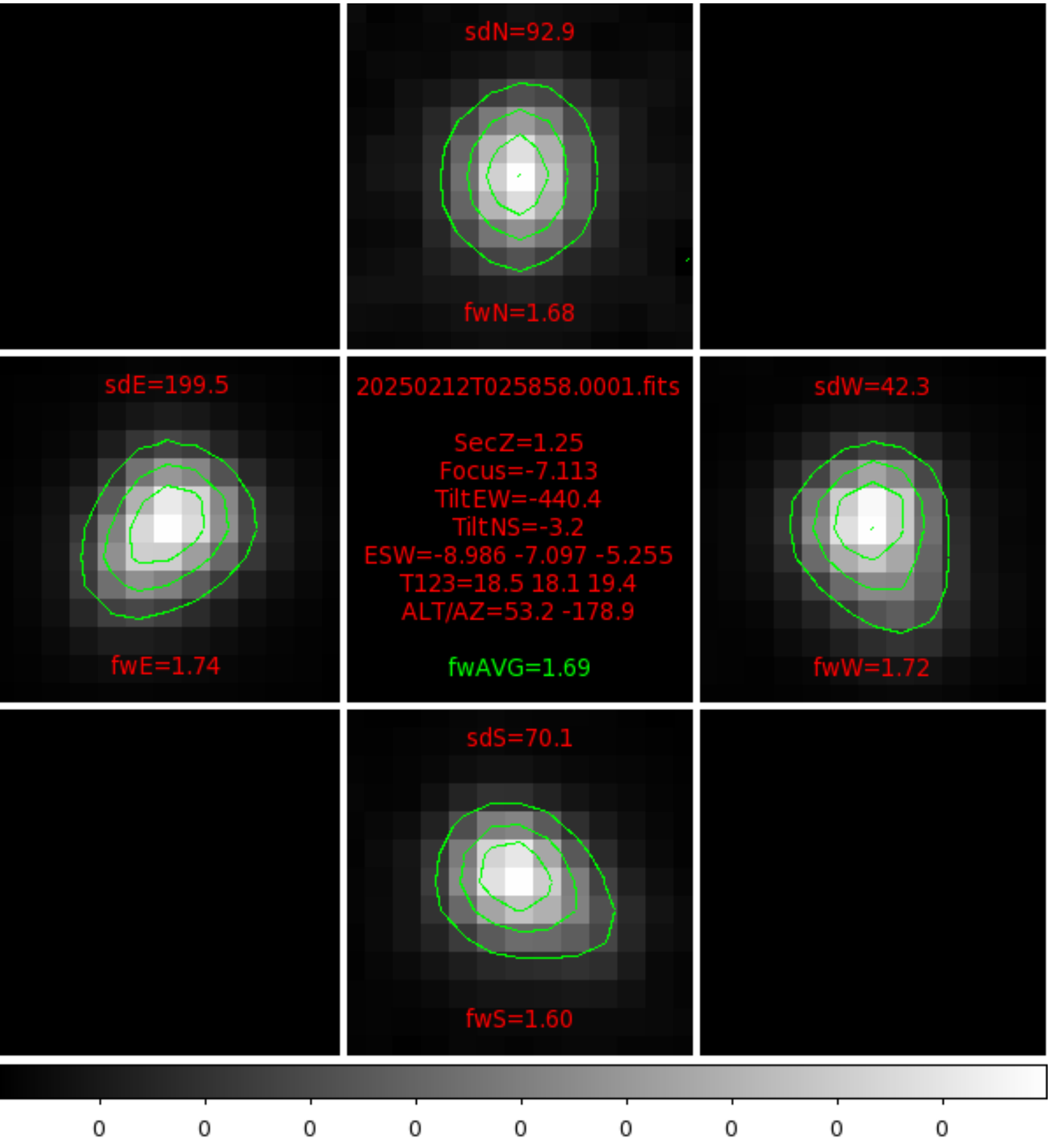

sdN=196.5
fwN=1.56
sdE=47.2
fwE=1.64
20250212T025406.0001.fits
SecZ=1.20
Focus=-7.113
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.986 -7.097 -5.255
T123=18.0 18.1 19.3
ALT/AZ=56.1 -161.2
fwAVG=1.64
sdW=57.3
fwW=1.76
sdS=332.6
fwS=1.61
0 0 0 0 0 0 0 0 0

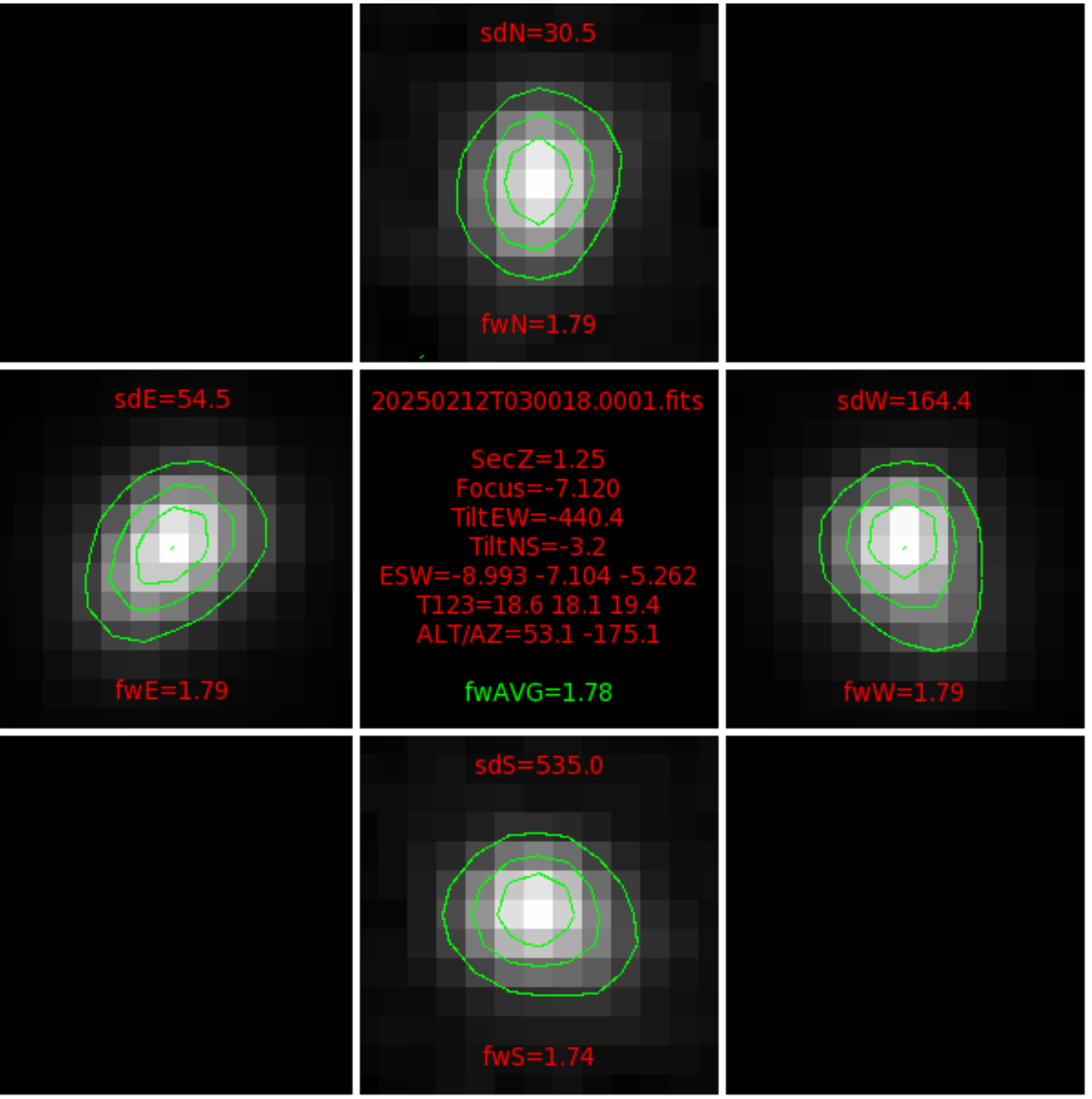

sdN=60.1
fwN=1.60
sdE=101.1
fwE=1.66
20250212T025440.0001.fits
SecZ=1.21
Focus=-7.113
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.986 -7.097 -5.255
T123=18.0 18.1 19.3
ALT/AZ=56.1 -160.9
fwAVG=1.64
sdW=42.3
fwW=1.74
sdS=505.6
fwS=1.54
0 0 0 0 0 0 0 0 0

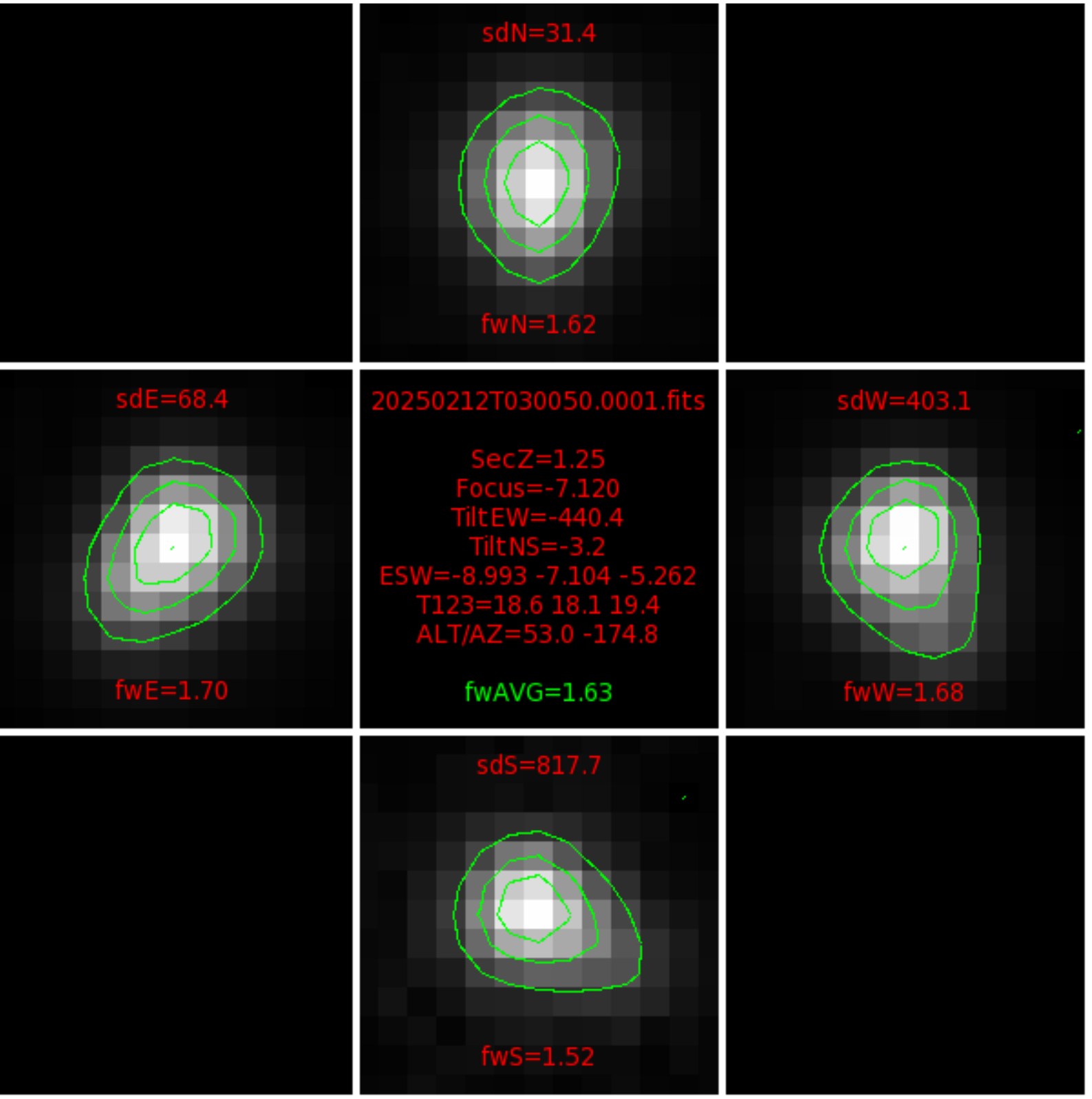

sdN=37.5
fwN=1.50
sdE=251.5
fwE=1.59
20250212T025617.0001.fits
SecZ=1.22
Focus=-7.113
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.986 -7.097 -5.255
T123=18.0 18.1 19.4
ALT/AZ=55.3 -156.9
fwAVG=1.58
sdW=61.7
fwW=1.69
sdS=913.7
fwS=1.53
0 0 0 0 0 0 0 0 0

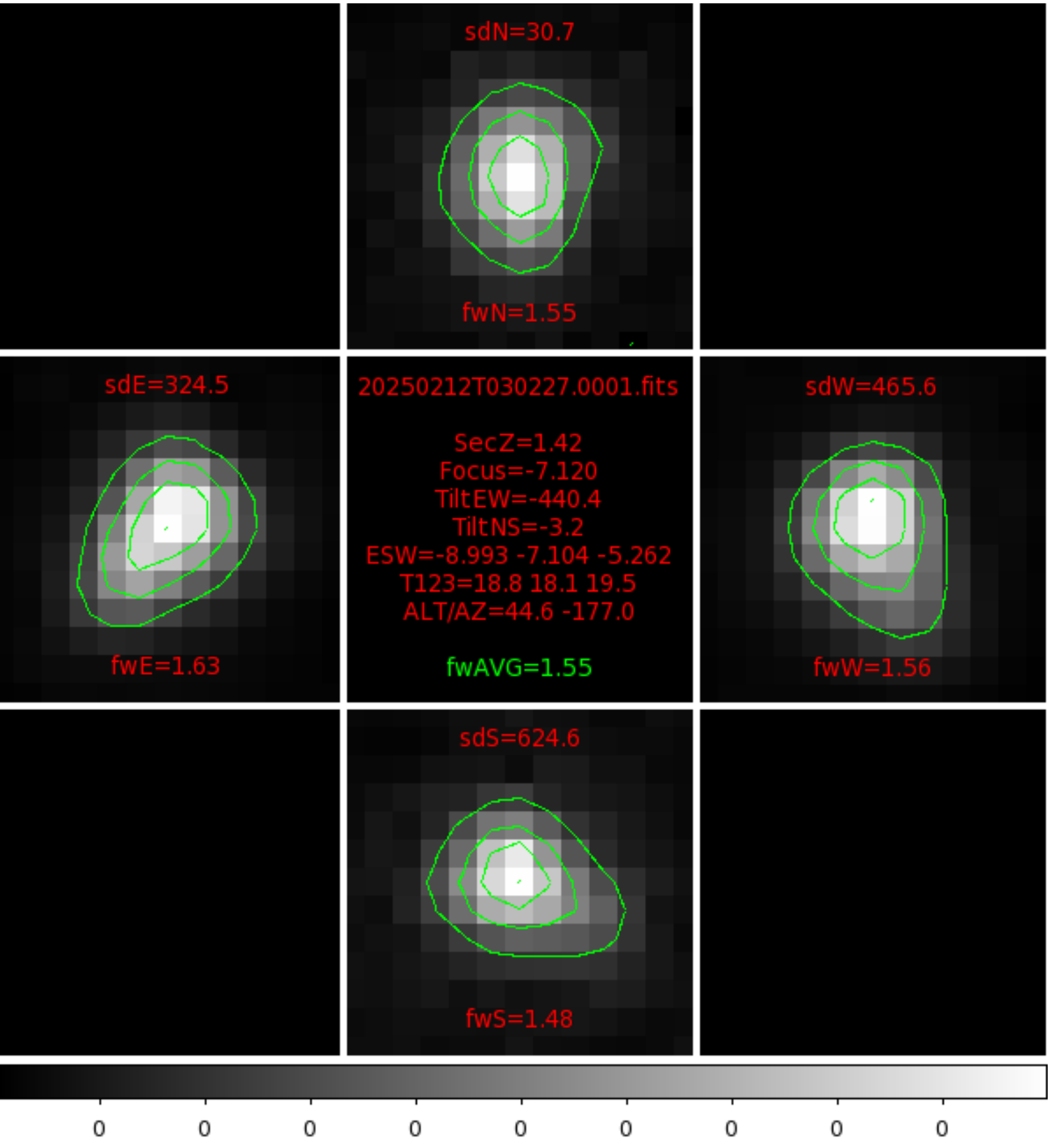

sdN=68.7
fwN=1.52
sdE=510.3
fwE=1.55
20250212T025653.0001.fits
SecZ=1.22
Focus=-7.113
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.986 -7.097 -5.255
T123=18.1 18.1 19.3
ALT/AZ=55.3 -156.6
fwAVG=1.55
sdW=194.8
fwW=1.67
sdS=1195.6
fwS=1.44
0 0 0 0 0 0 0 0 0


sdN=41.6
fwN=1.49
sdE=202.9
fwE=1.51
20250212T025821.0001.fits
SecZ=1.25
Focus=-7.113
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.986 -7.097 -5.255
T123=18.3 18.1 19.3
ALT/AZ=53.2 -179.2
fwAVG=1.53
sdW=71.4
fwW=1.62
sdS=799.3
fwS=1.52
0 0 0 0 0 0 0 0 0


sdN=92.9
fwN=1.68
sdE=199.5
fwE=1.74
20250212T025858.0001.fits
SecZ=1.25
Focus=-7.113
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.986 -7.097 -5.255
T123=18.5 18.1 19.4
ALT/AZ=53.2 -178.9
fwAVG=1.69
sdW=42.3
fwW=1.72
sdS=70.1
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=30.5
fwN=1.79
sdE=54.5
fwE=1.79
20250212T030018.0001.fits
SecZ=1.25
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=18.6 18.1 19.4
ALT/AZ=53.1 -175.1
fwAVG=1.78
sdW=164.4
fwW=1.79
sdS=535.0
fwS=1.74
0 0 0 0 0 0 0 0 0


sdN=31.4
fwN=1.62
sdE=68.4
fwE=1.70
20250212T030050.0001.fits
SecZ=1.25
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=18.6 18.1 19.4
ALT/AZ=53.0 -174.8
fwAVG=1.63
sdW=403.1
fwW=1.68
sdS=817.7
fwS=1.52
0 0 0 0 0 0 0 0 0


sdN=30.7
fwN=1.55
sdE=324.5
fwE=1.63
20250212T030227.0001.fits
SecZ=1.42
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=18.8 18.1 19.5
ALT/AZ=44.6 -177.0
fwAVG=1.55
sdW=465.6
fwW=1.56
sdS=624.6
fwS=1.48
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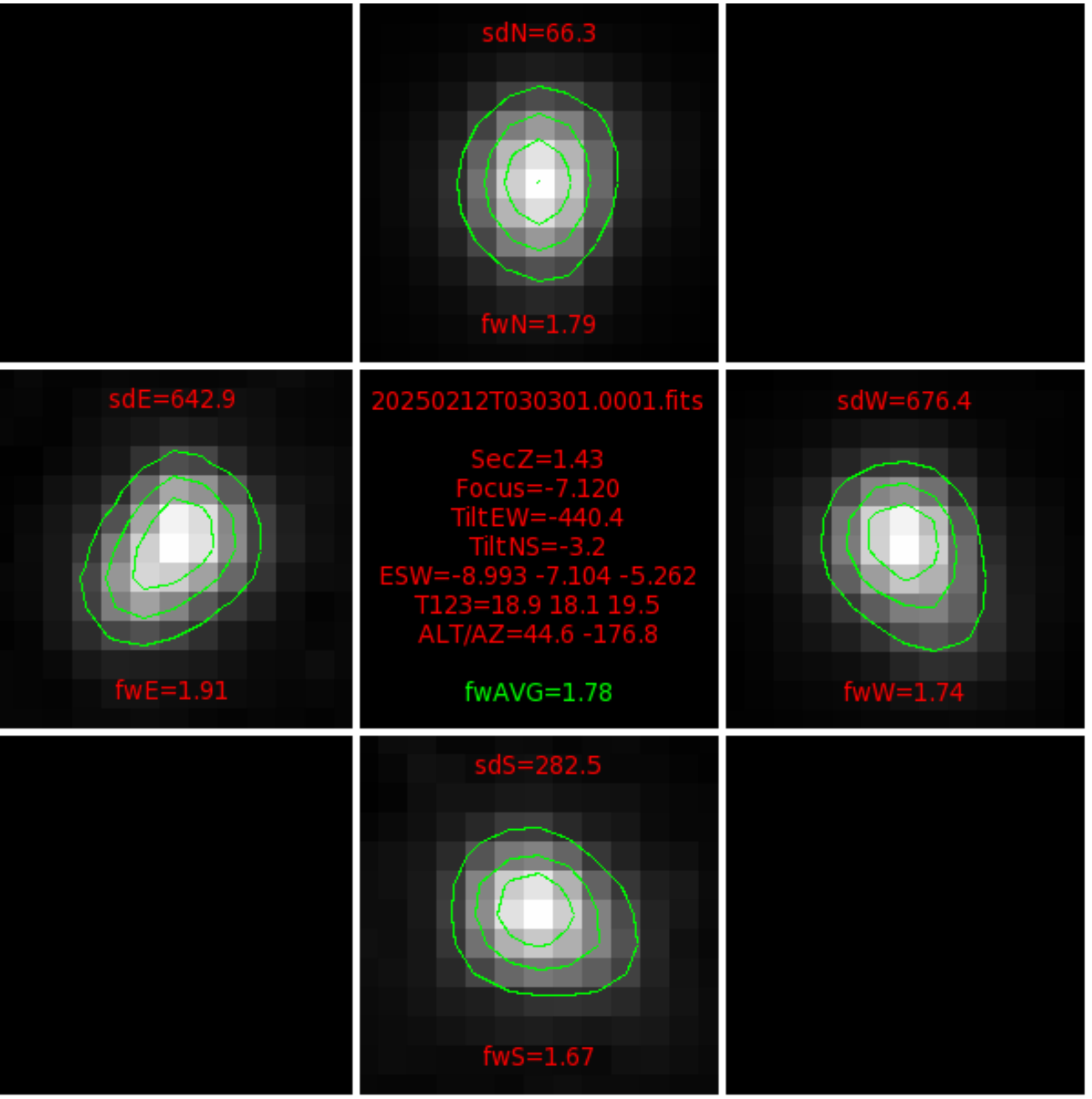
sdN=66.3
fwN=1.79
sdE=642.9
fwE=1.91
20250212T030301.0001.fits
SecZ=1.43
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=18.9 18.1 19.5
ALT/AZ=44.6 -176.8
fwAVG=1.78
sdW=676.4
fwW=1.74
sdS=282.5
fwS=1.67
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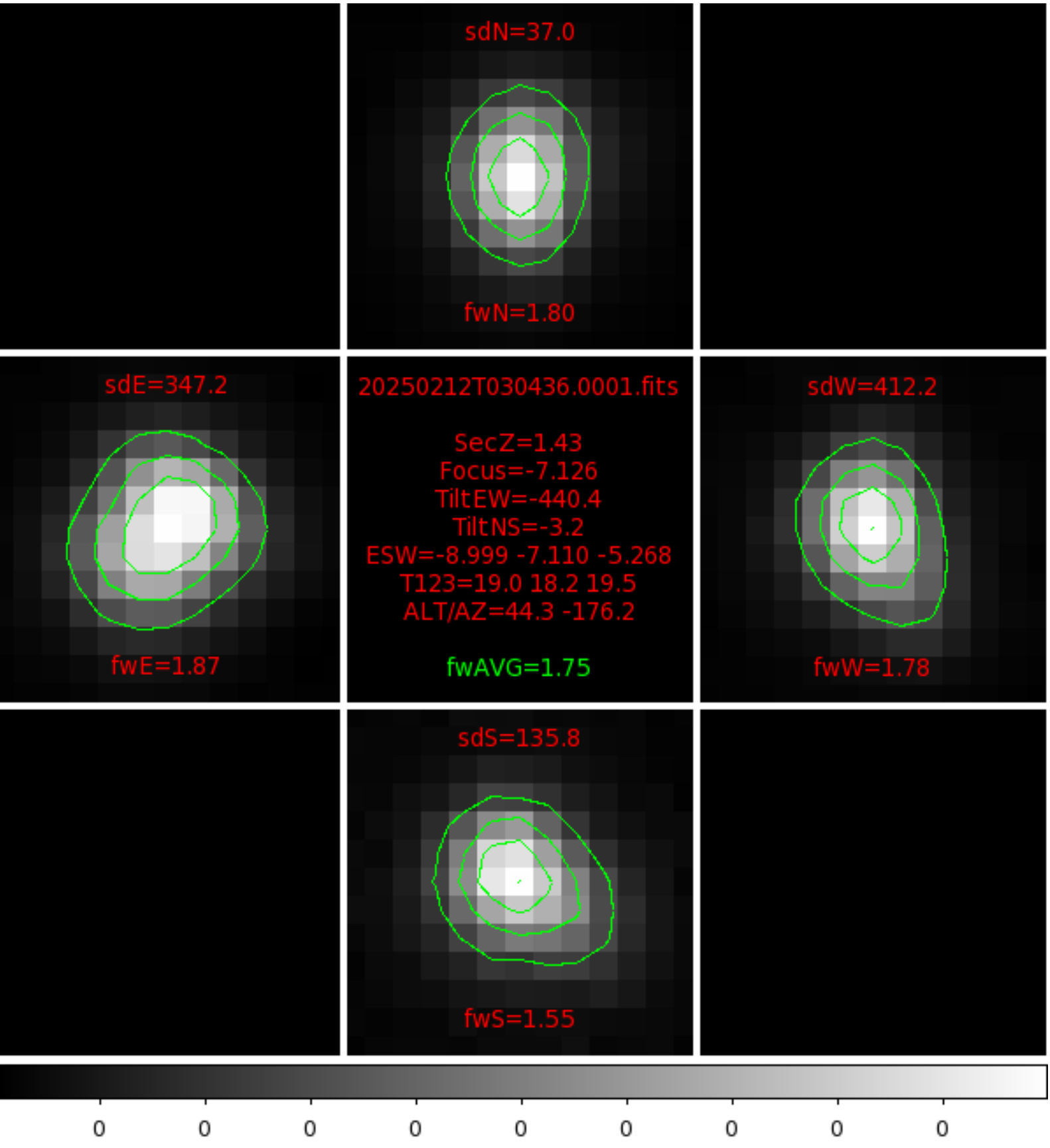
sdN=37.0
fwN=1.80
sdE=347.2
fwE=1.87
20250212T030436.0001.fits
SecZ=1.43
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=19.0 18.2 19.5
ALT/AZ=44.3 -176.2
fwAVG=1.75
sdW=412.2
fwW=1.78
sdS=135.8
fwS=1.55
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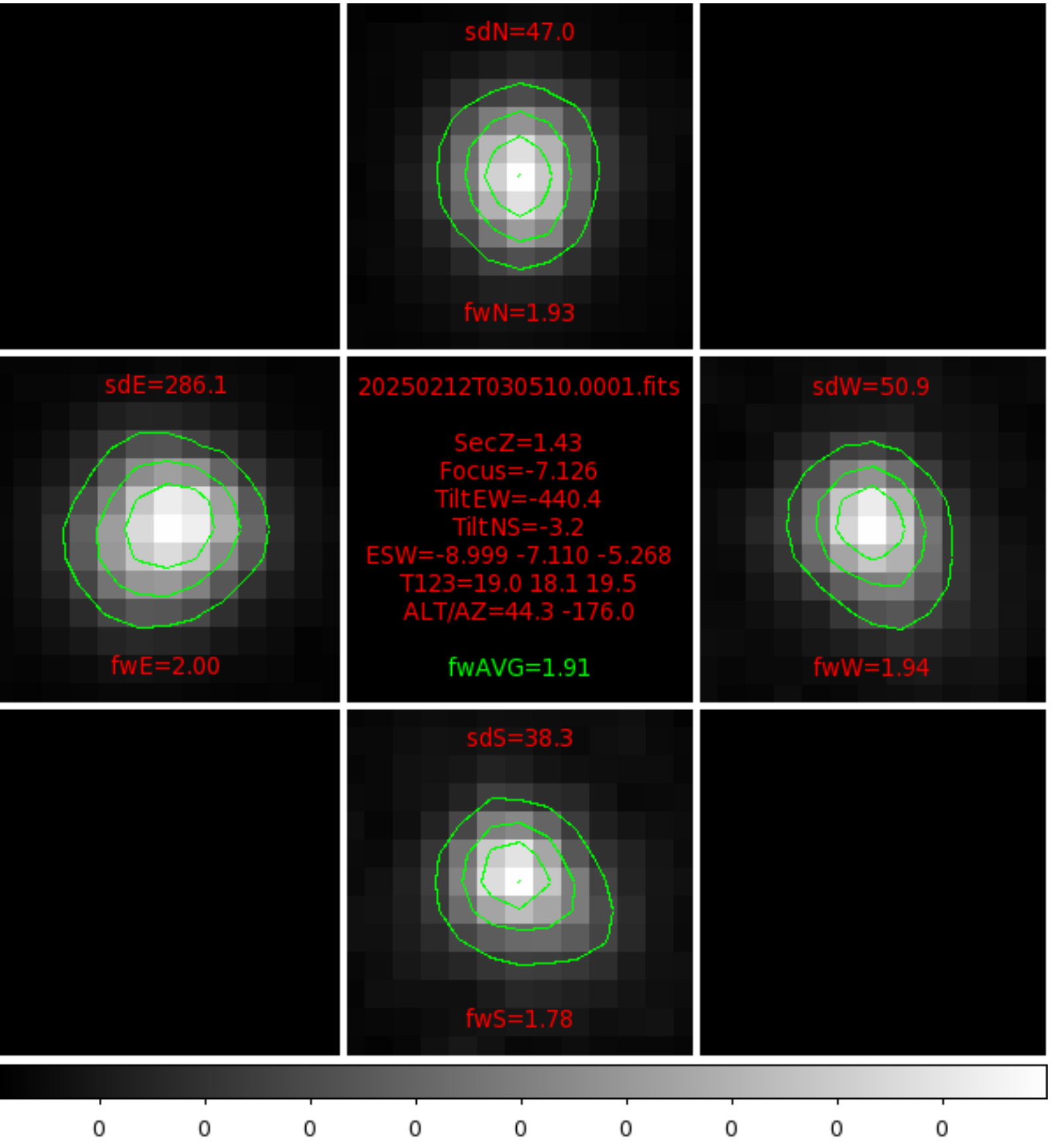
sdN=47.0
fwN=1.93
sdE=286.1
fwE=2.00
20250212T030510.0001.fits
SecZ=1.43
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=19.0 18.1 19.5
ALT/AZ=44.3 -176.0
fwAVG=1.91
sdW=50.9
fwW=1.94
sdS=38.3
fwS=1.78
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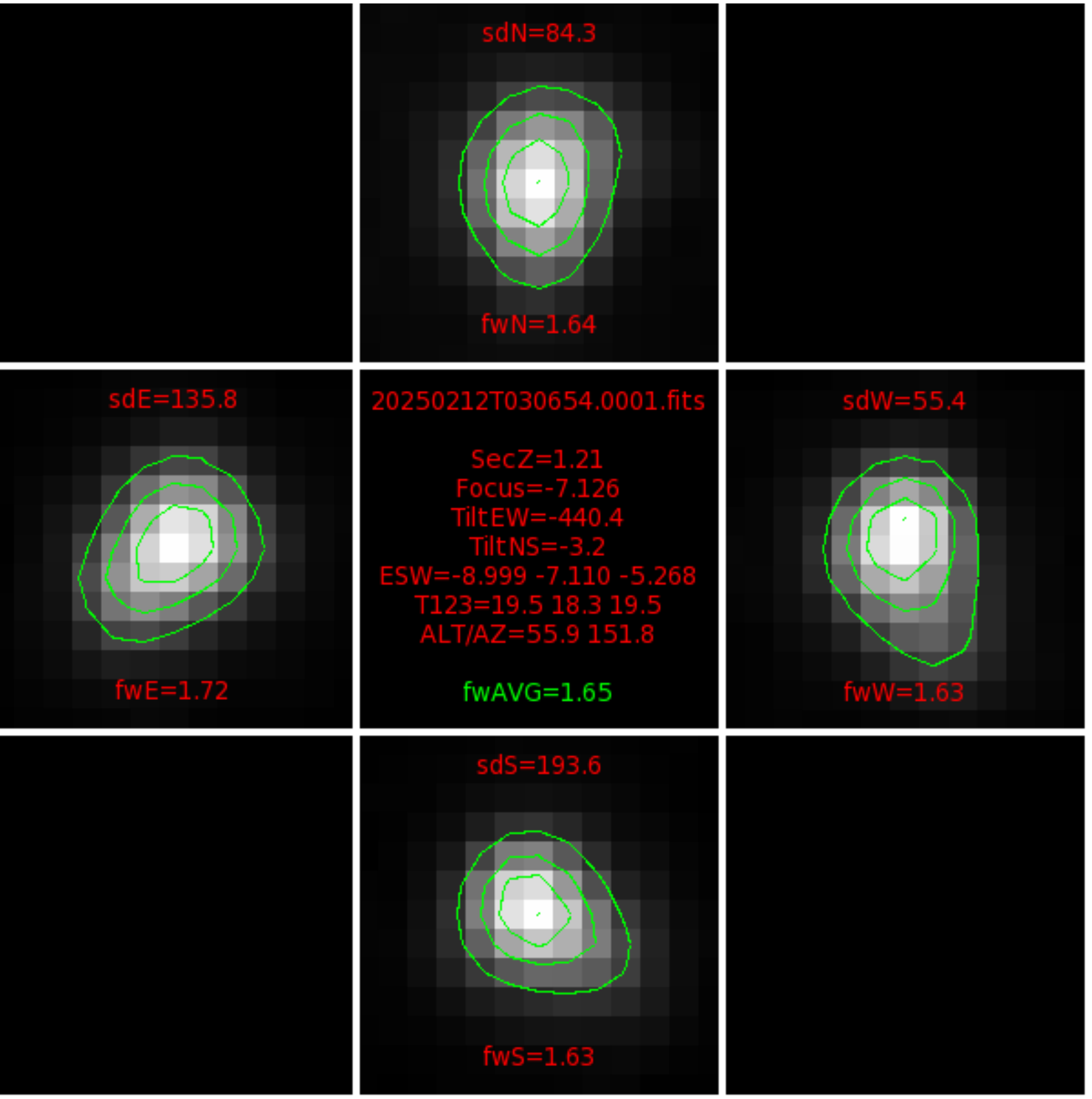
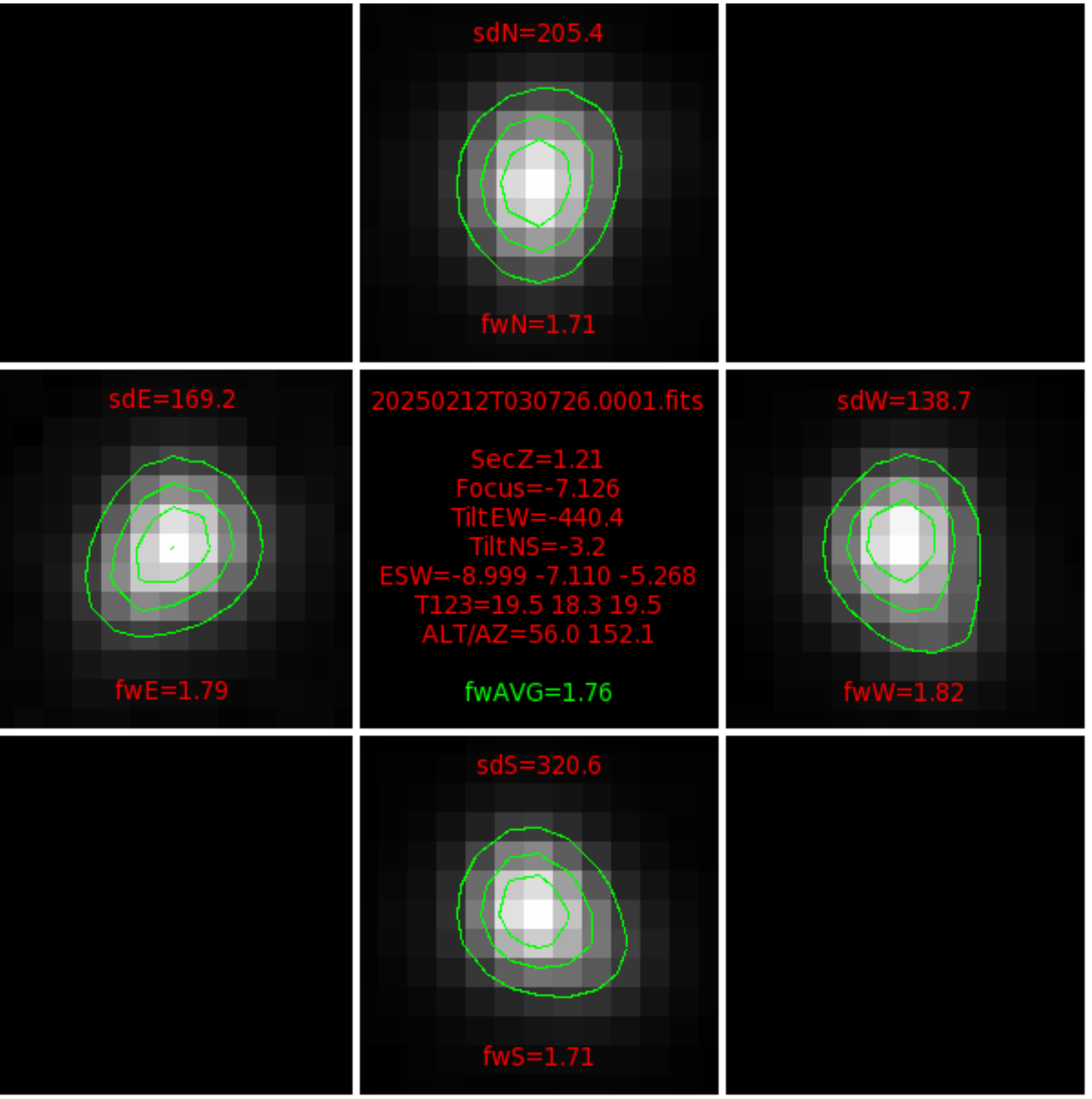

sdN=84.3
fwN=1.64
sdE=135.8
fwE=1.72
20250212T030654.0001.fits
SecZ=1.21
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=19.5 18.3 19.5
ALT/AZ=55.9 151.8
fwAVG=1.65
sdW=55.4
fwW=1.63
sdS=193.6
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=205.4
fwN=1.71
sdE=169.2
fwE=1.79
20250212T030726.0001.fits
SecZ=1.21
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=19.5 18.3 19.5
ALT/AZ=56.0 152.1
fwAVG=1.76
sdW=138.7
fwW=1.82
sdS=320.6
fwS=1.71
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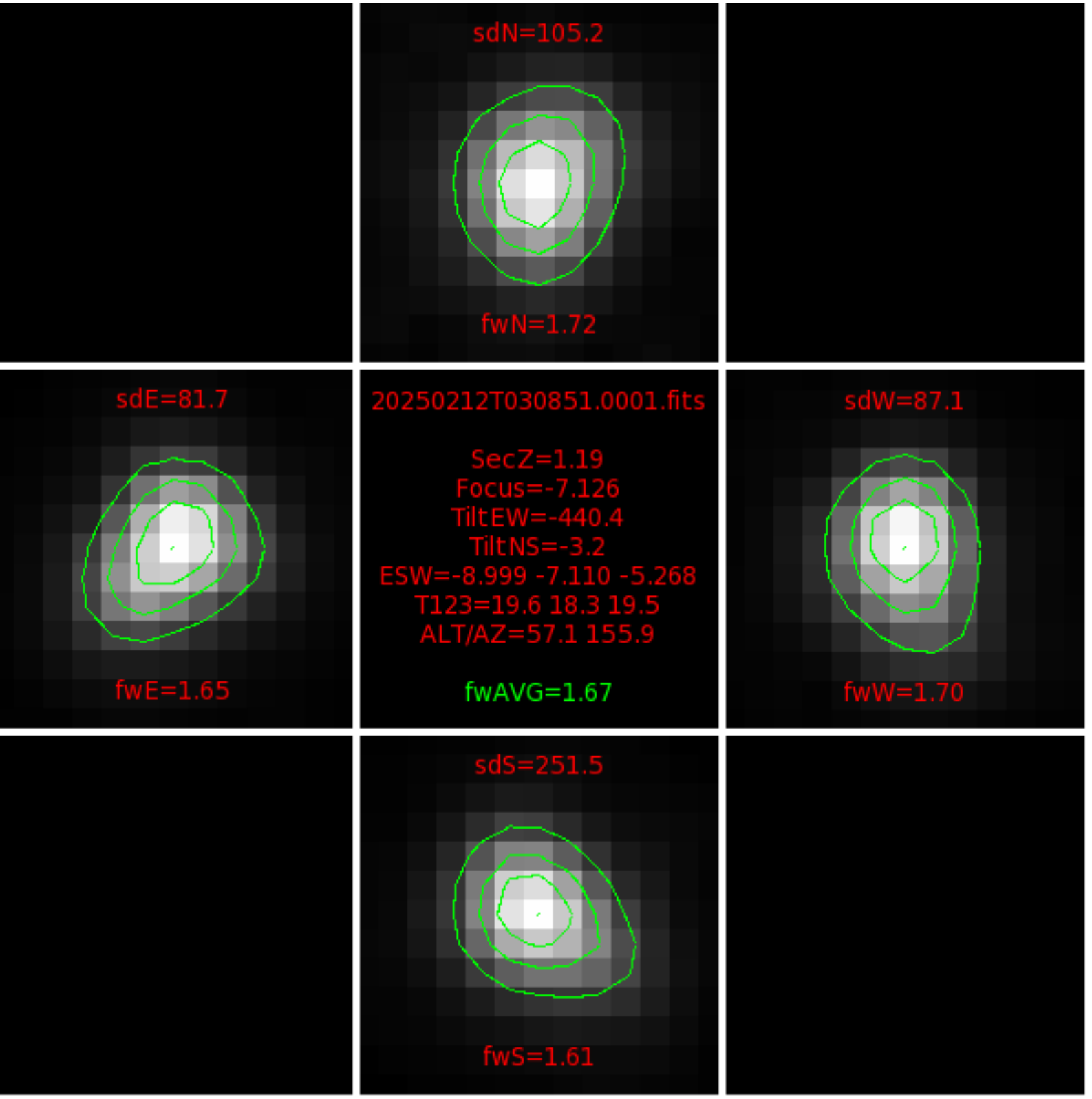
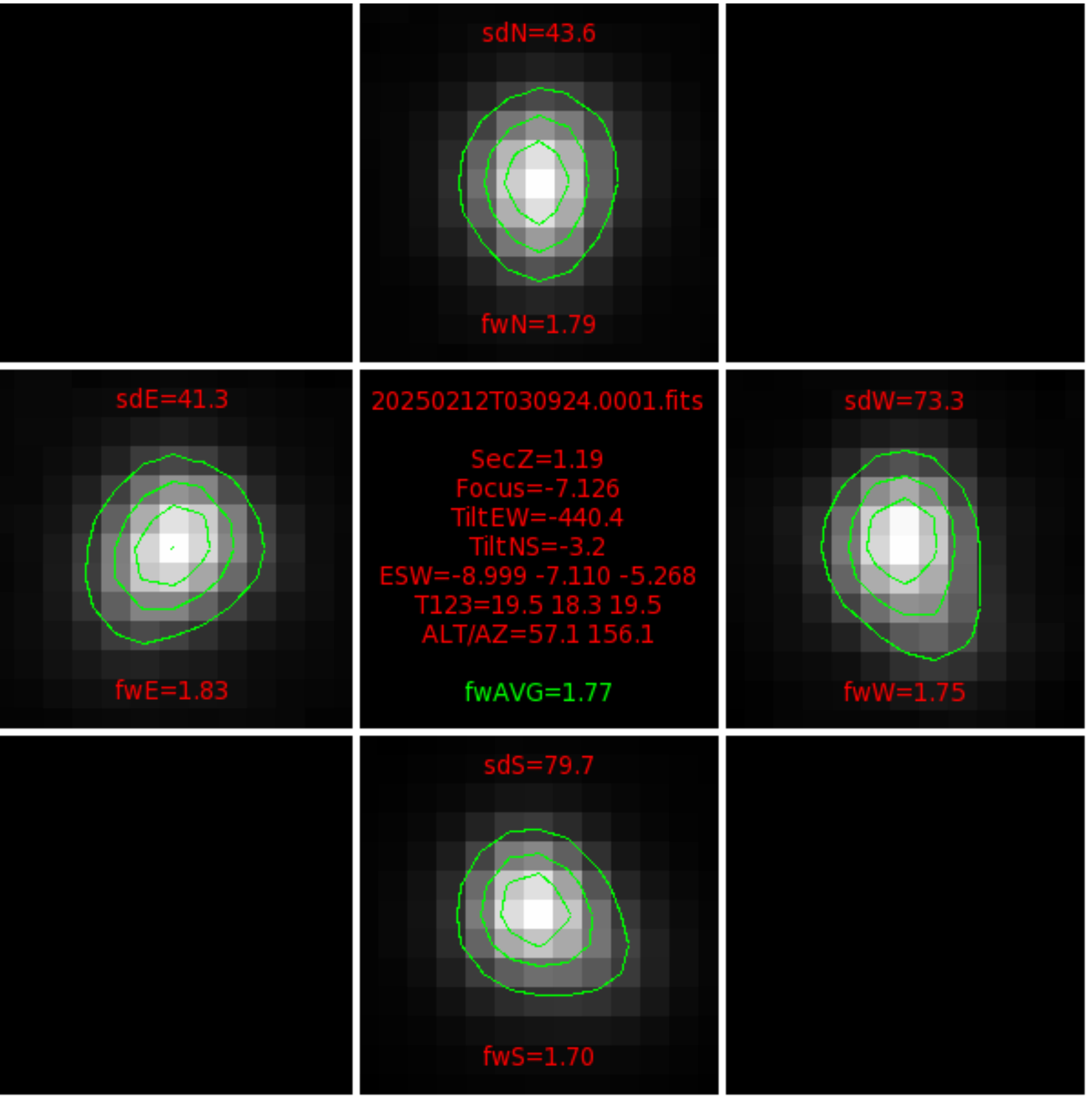
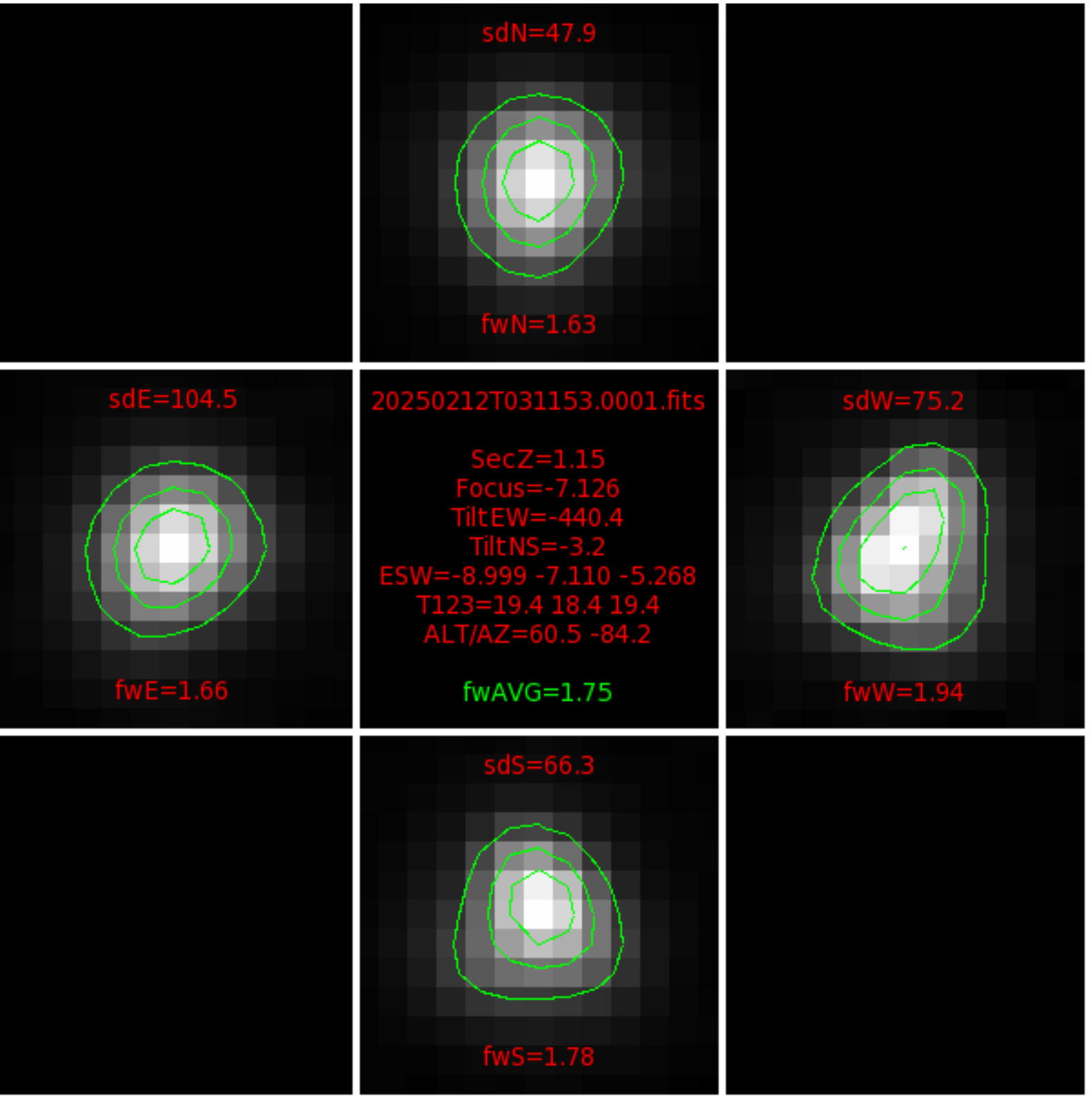
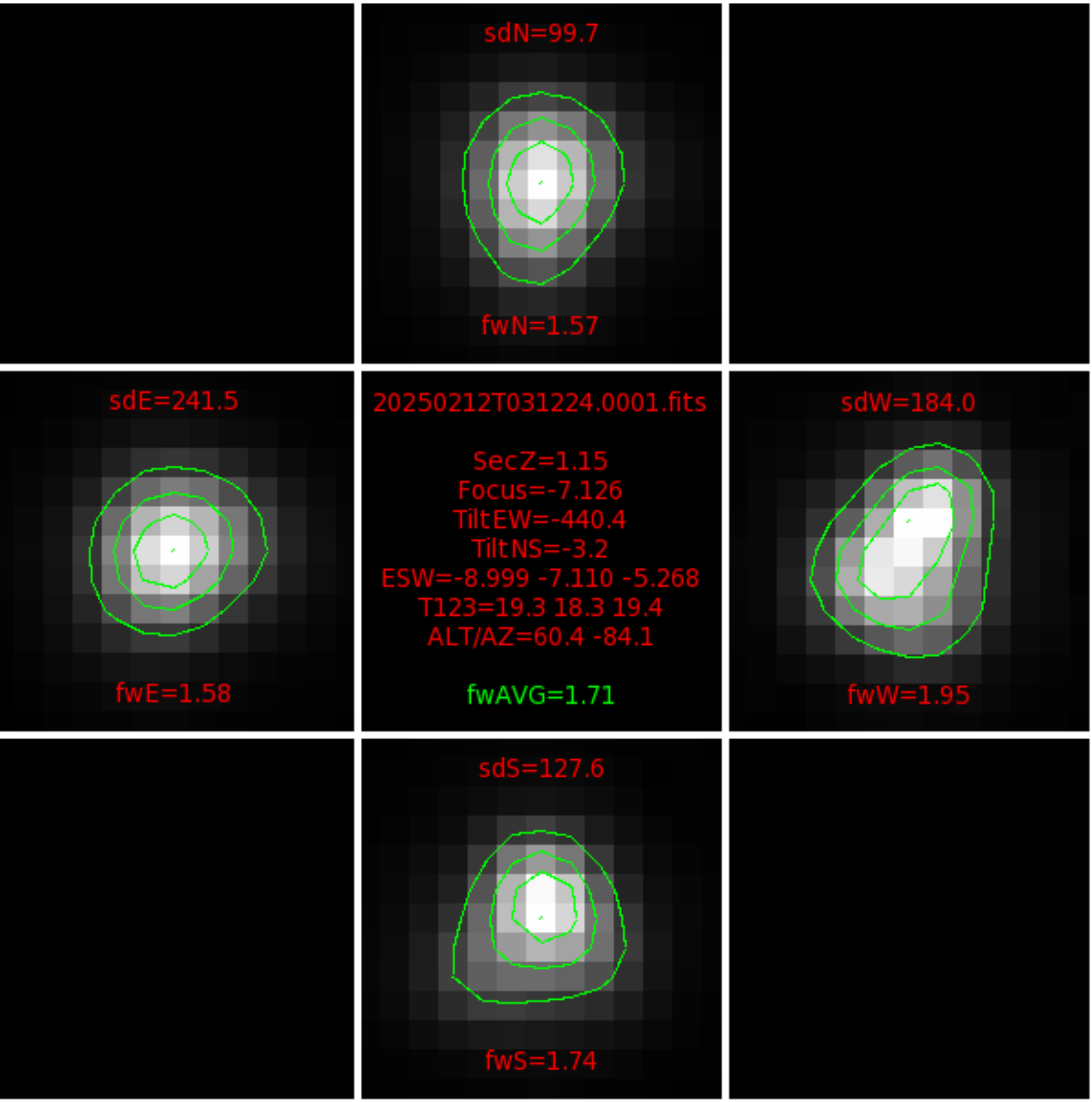

sdN=105.2
fwN=1.72
sdE=81.7
fwE=1.65
20250212T030851.0001.fits
SecZ=1.19
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=19.6 18.3 19.5
ALT/AZ=57.1 155.9
fwAVG=1.67
sdW=87.1
fwW=1.70
sdS=251.5
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=43.6
fwN=1.79
sdE=41.3
fwE=1.83
20250212T030924.0001.fits
SecZ=1.19
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=19.5 18.3 19.5
ALT/AZ=57.1 156.1
fwAVG=1.77
sdW=73.3
fwW=1.75
sdS=79.7
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=47.9
fwN=1.63
sdE=104.5
fwE=1.66
20250212T031153.0001.fits
SecZ=1.15
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=19.4 18.4 19.4
ALT/AZ=60.5 -84.2
fwAVG=1.75
sdW=75.2
fwW=1.94
sdS=66.3
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=99.7
fwN=1.57
sdE=241.5
fwE=1.58
20250212T031224.0001.fits
SecZ=1.15
Focus=-7.126
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.999 -7.110 -5.268
T123=19.3 18.3 19.4
ALT/AZ=60.4 -84.1
fwAVG=1.71
sdW=184.0
fwW=1.95
sdS=127.6
fwS=1.74
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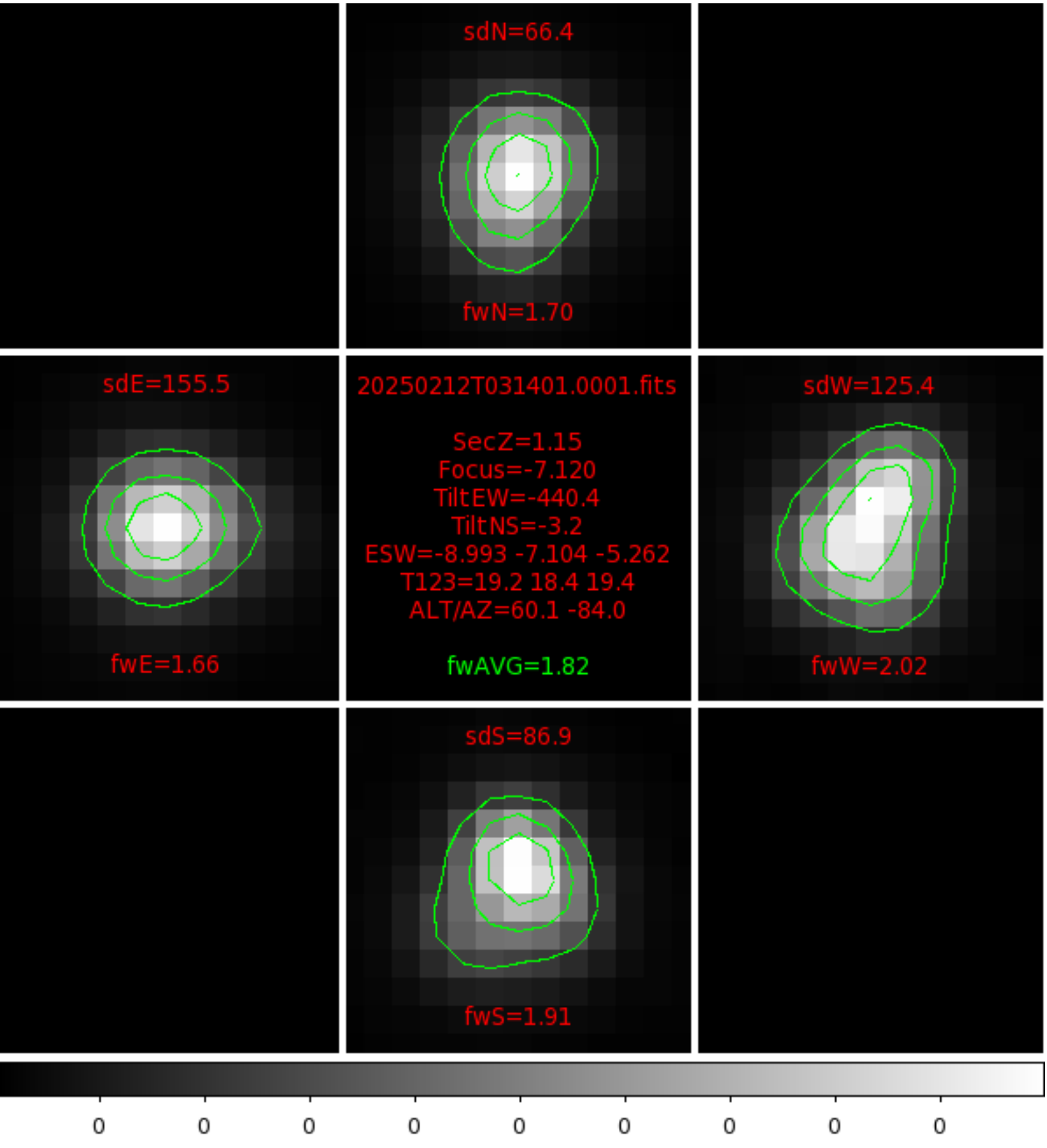
sdN=66.4
fwN=1.70
sdE=155.5
fwE=1.66
20250212T031401.0001.fits
SecZ=1.15
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=19.2 18.4 19.4
ALT/AZ=60.1 -84.0
fwAVG=1.82
sdW=125.4
fwW=2.02
sdS=86.9
fwS=1.91
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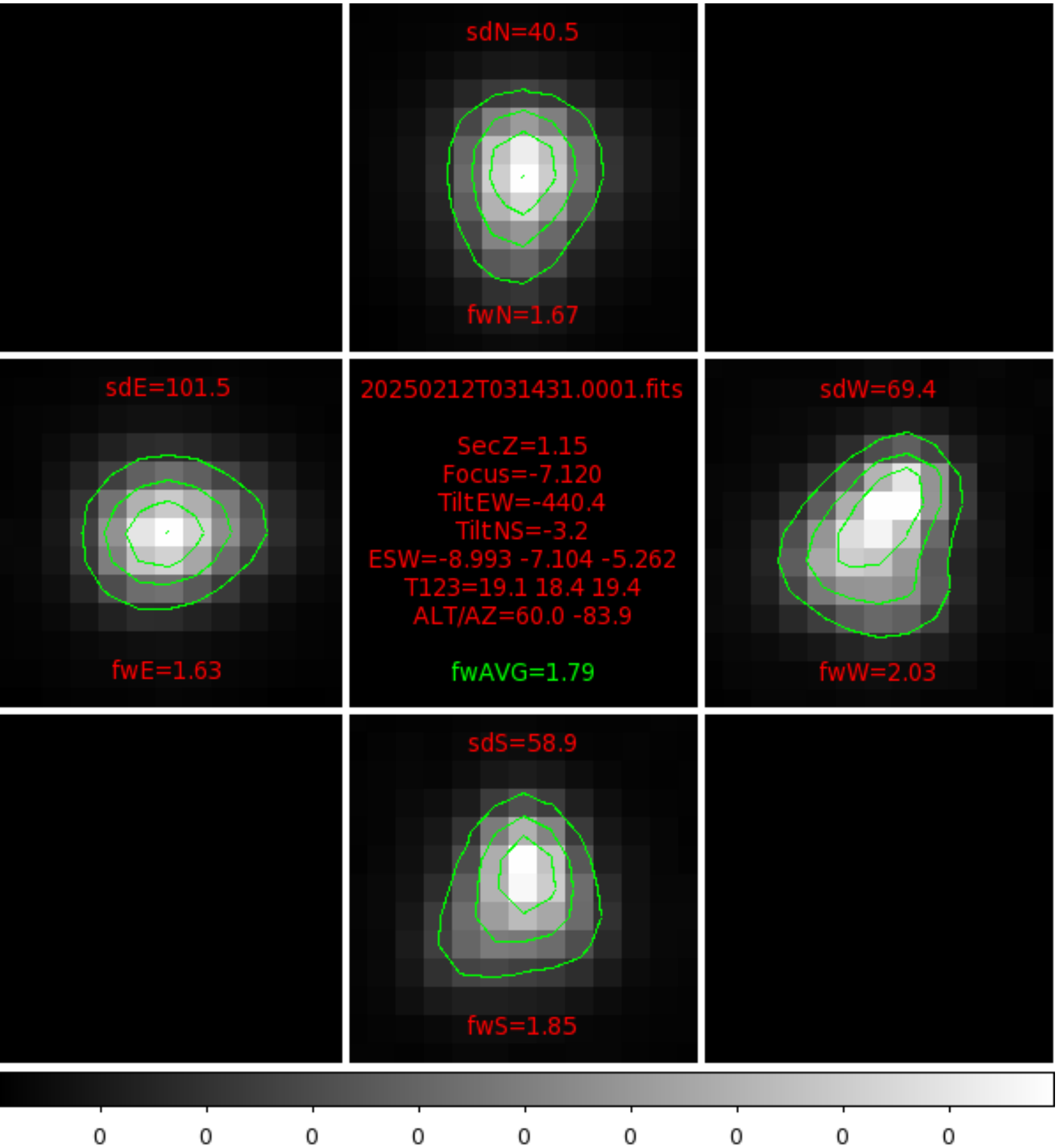
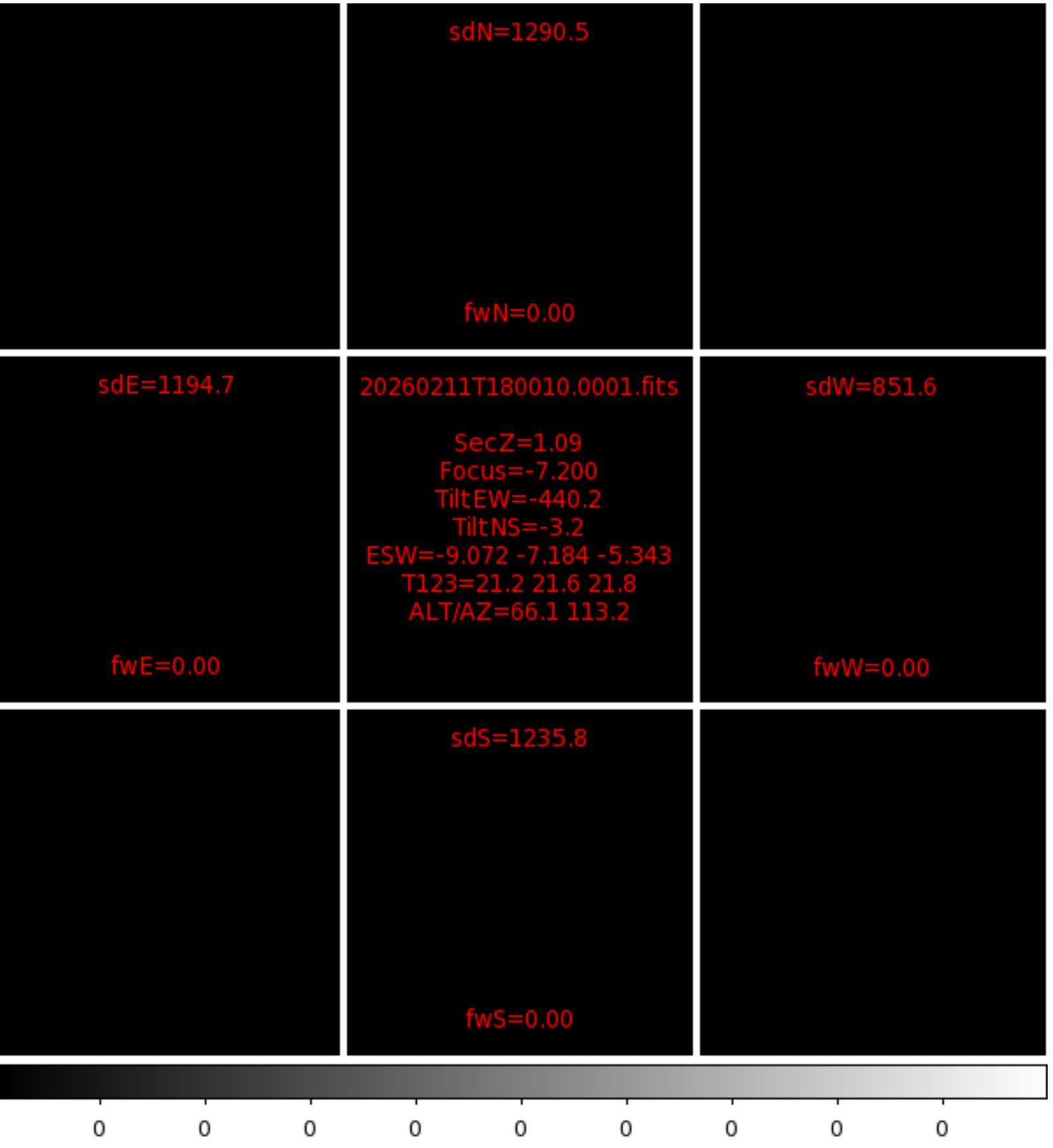
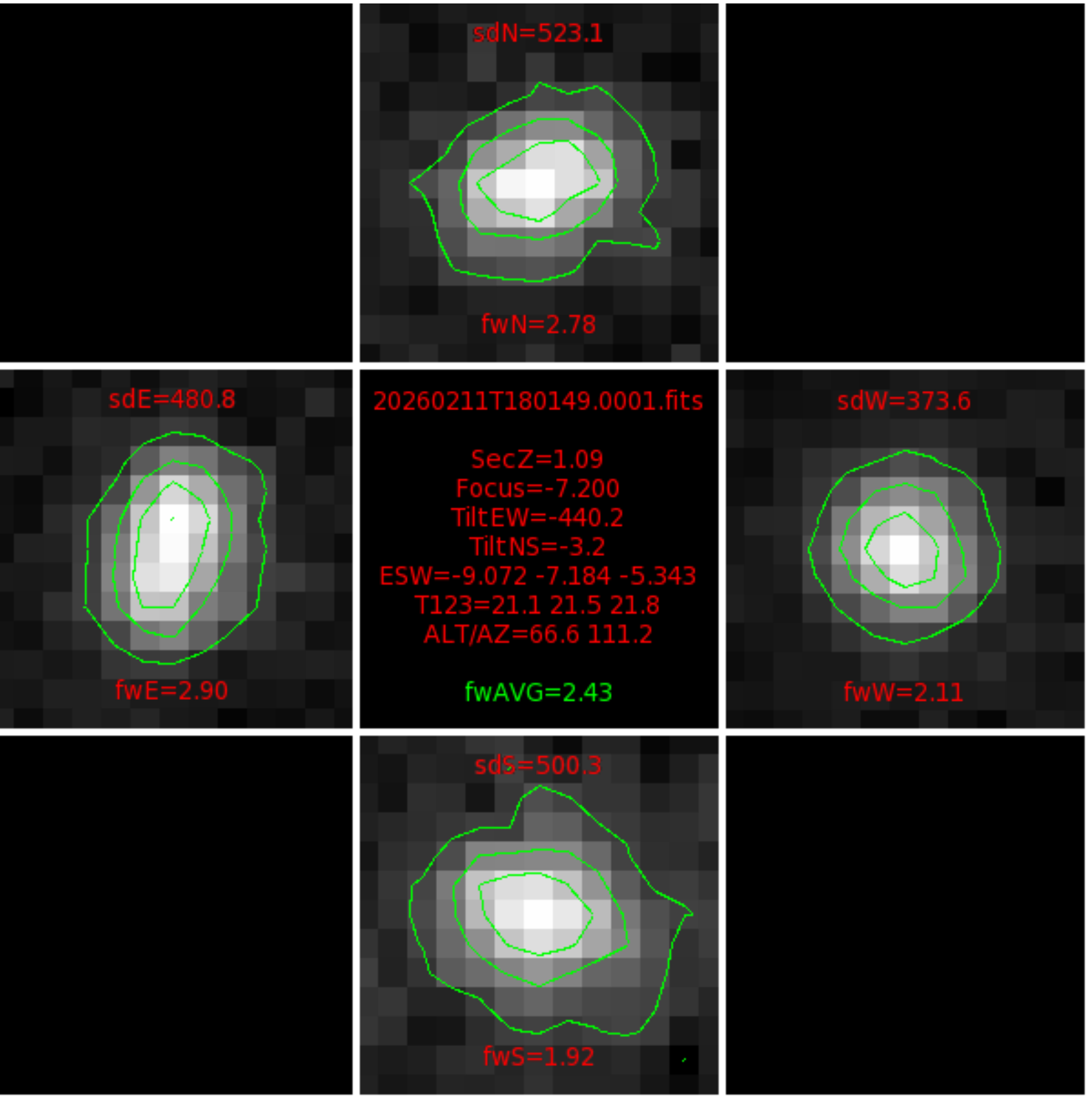

sdN=40.5
fwN=1.67
sdE=101.5
fwE=1.63
20250212T031431.0001.fits
SecZ=1.15
Focus=-7.120
TiltEW=-440.4
TiltNS=-3.2
ESW=-8.993 -7.104 -5.262
T123=19.1 18.4 19.4
ALT/AZ=60.0 -83.9
fwAVG=1.79
sdW=69.4
fwW=2.03
sdS=58.9
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=1290.5
fwN=0.00
sdE=1194.7
fwE=0.00
20260211T180010.0001.fits
SecZ=1.09
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=21.2 21.6 21.8
ALT/AZ=66.1 113.2
sdW=851.6
fwW=0.00
sdS=1235.8
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=523.1
fwN=2.78
sdE=480.8
fwE=2.90
20260211T180149.0001.fits
SecZ=1.09
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=21.1 21.5 21.8
ALT/AZ=66.6 111.2
fwAVG=2.43
sdW=373.6
fwW=2.11
sdS=500.3
fwS=1.92
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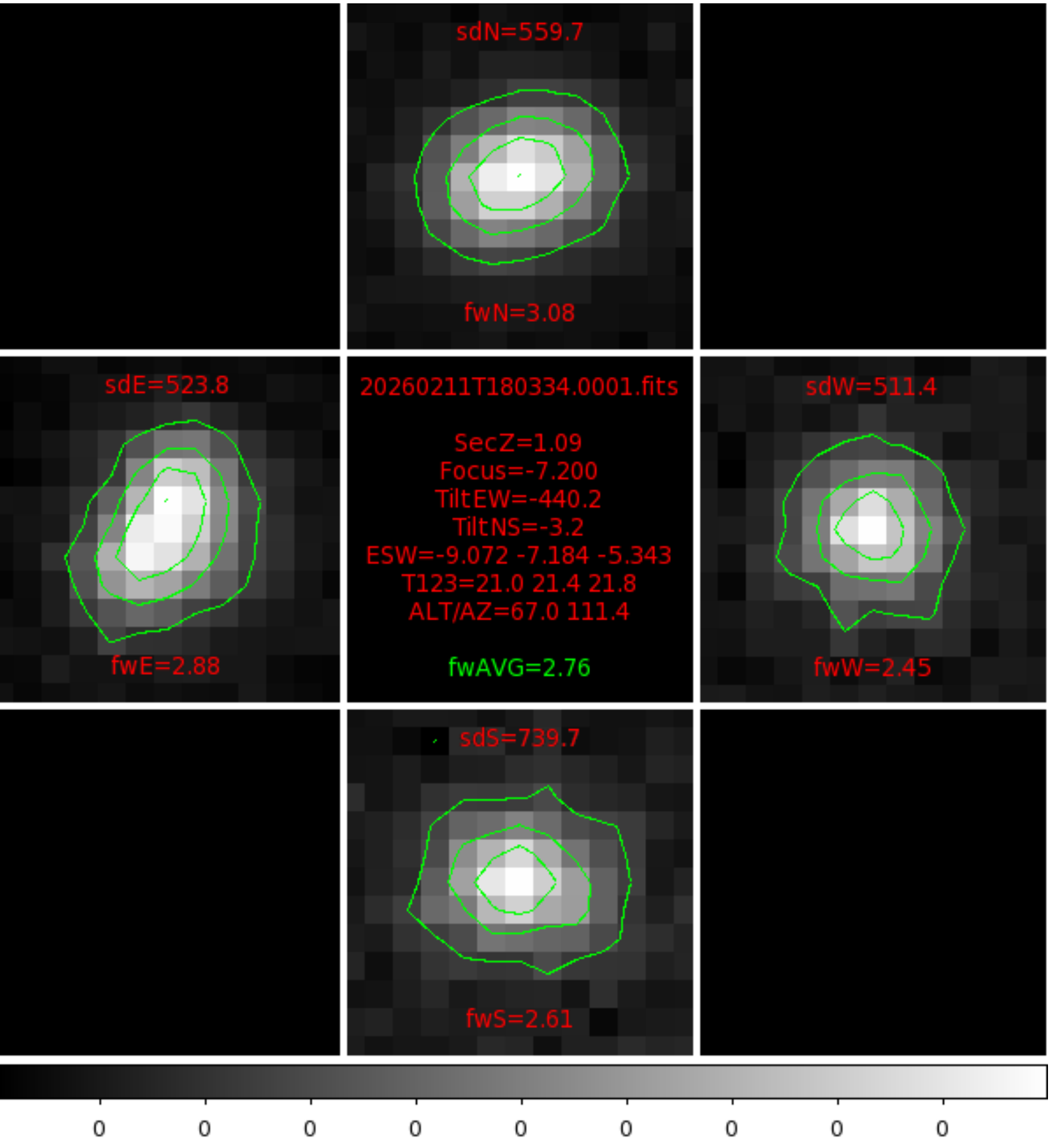
sdN=559.7
fwN=3.08
sdE=523.8
fwE=2.88
20260211T180334.0001.fits
SecZ=1.09
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=21.0 21.4 21.8
ALT/AZ=67.0 111.4
fwAVG=2.76
sdW=511.4
fwW=2.45
sdS=739.7
fwS=2.61
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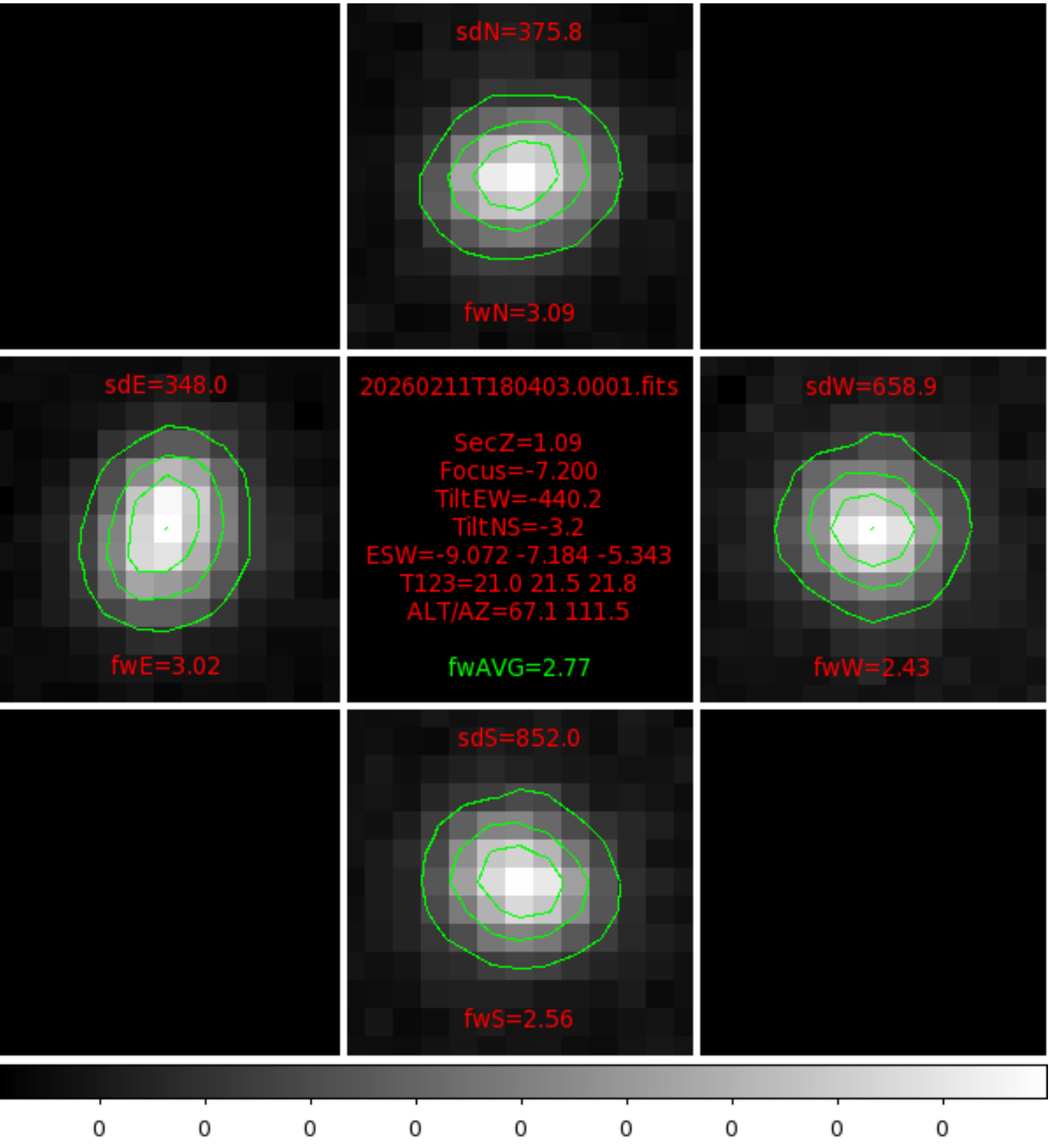
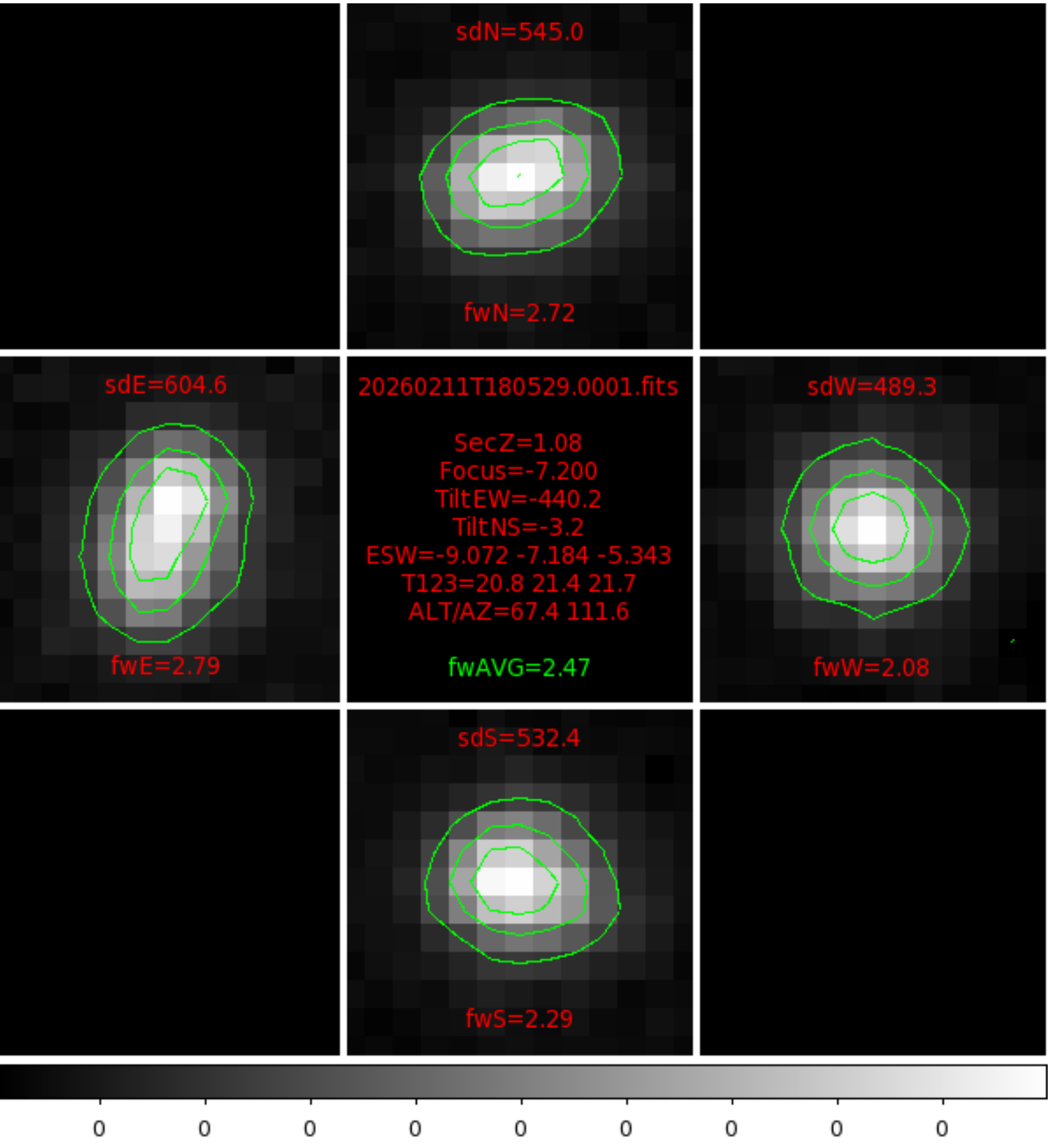

sdN=375.8
fwN=3.09
sdE=348.0
fwE=3.02
20260211T180403.0001.fits
SecZ=1.09
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=21.0 21.5 21.8
ALT/AZ=67.1 111.5
fwAVG=2.77
sdW=658.9
fwW=2.43
sdS=852.0
fwS=2.56
0 0 0 0 0 0 0 0 0


sdN=545.0
fwN=2.72
sdE=604.6
fwE=2.79
20260211T180529.0001.fits
SecZ=1.08
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.8 21.4 21.7
ALT/AZ=67.4 111.6
fwAVG=2.47
sdW=489.3
fwW=2.08
sdS=532.4
fwS=2.29
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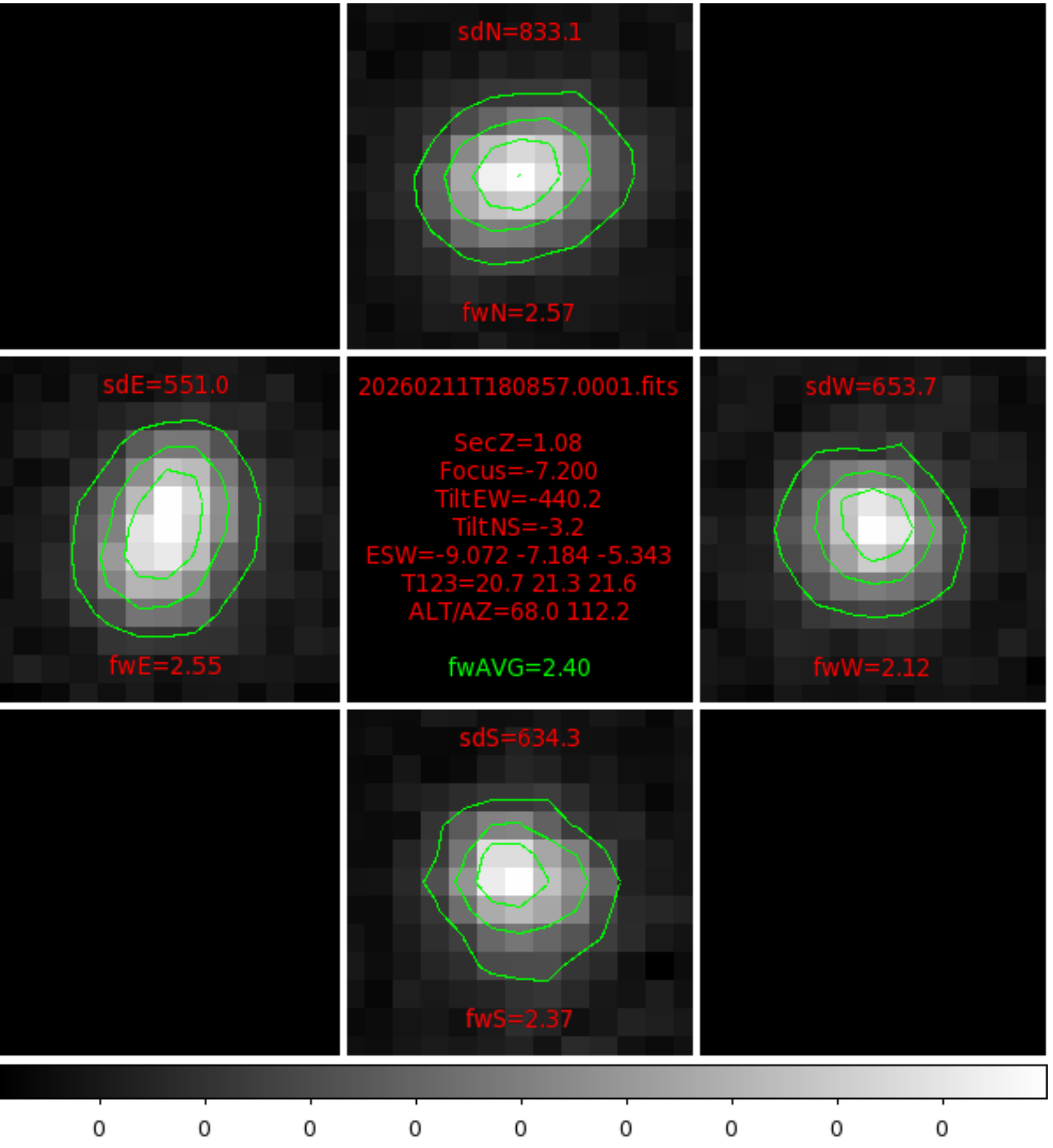
sdN=833.1
fwN=2.57
sdE=551.0
fwE=2.55
20260211T180857.0001.fits
SecZ=1.08
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.7 21.3 21.6
ALT/AZ=68.0 112.2
fwAVG=2.40
sdW=653.7
fwW=2.12
sdS=634.3
fwS=2.37
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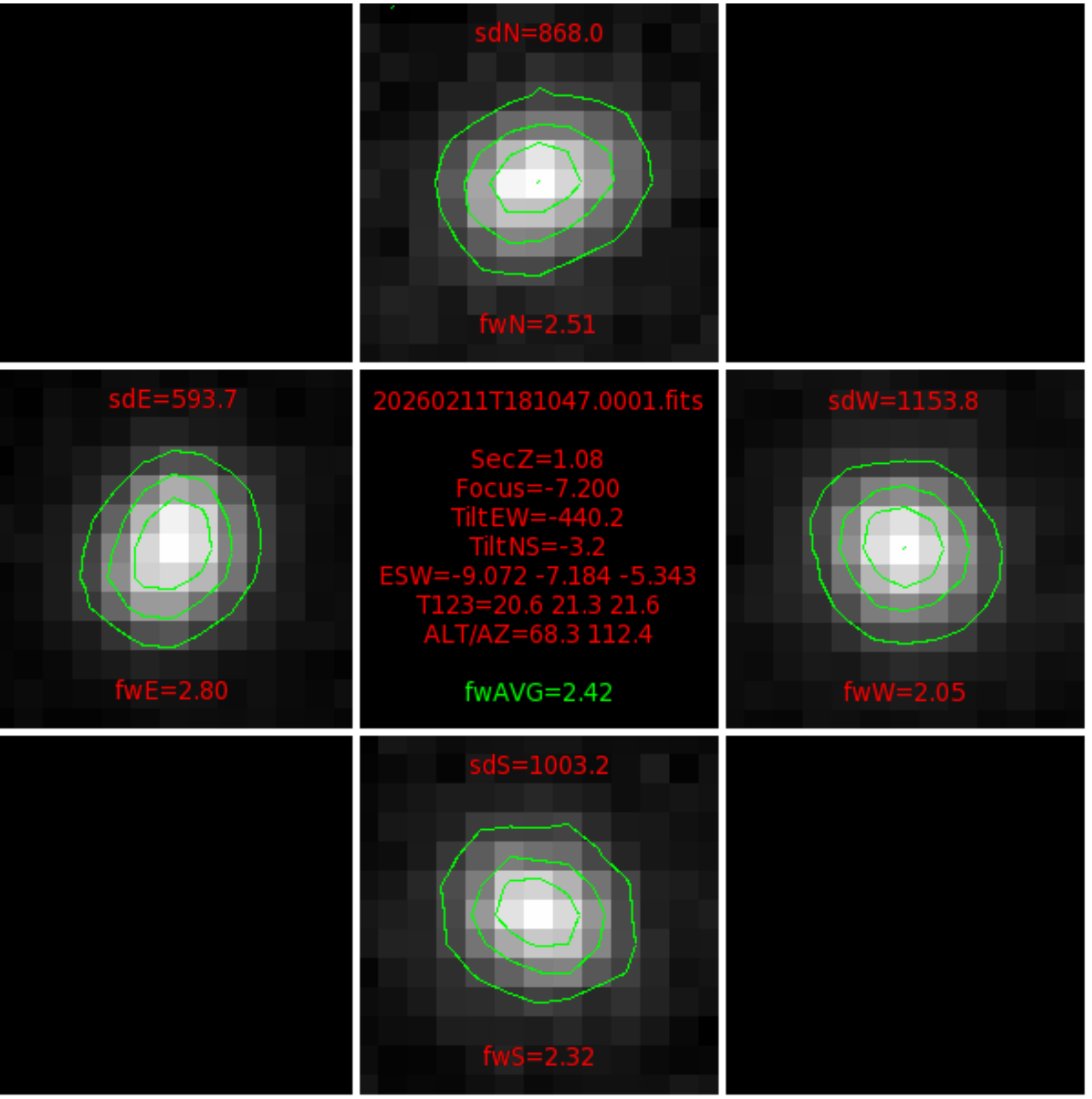
sdN=868.0
fwN=2.51
sdE=593.7
fwE=2.80
20260211T181047.0001.fits
SecZ=1.08
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.6 21.3 21.6
ALT/AZ=68.3 112.4
fwAVG=2.42
sdW=1153.8
fwW=2.05
sdS=1003.2
fwS=2.32
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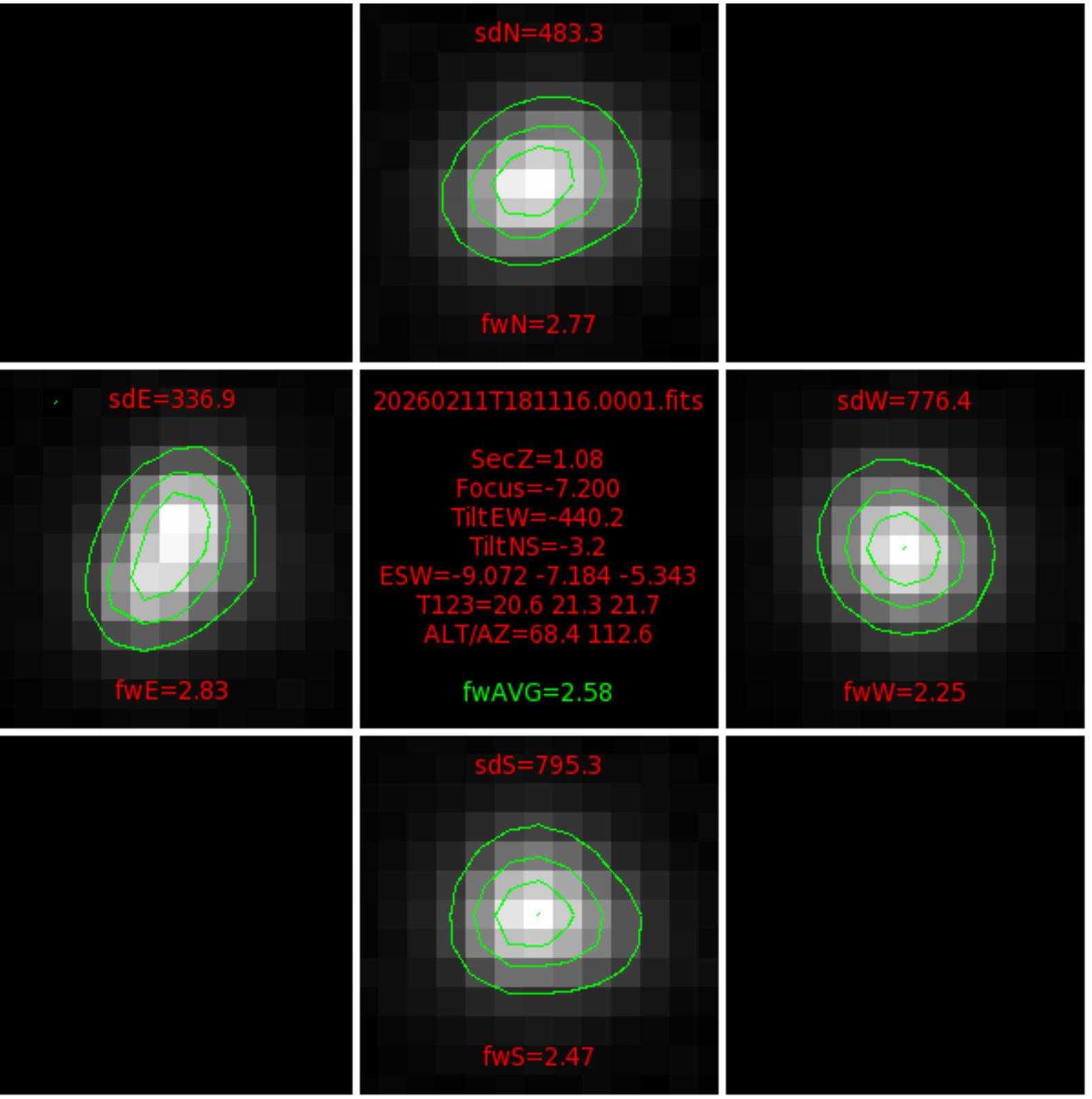
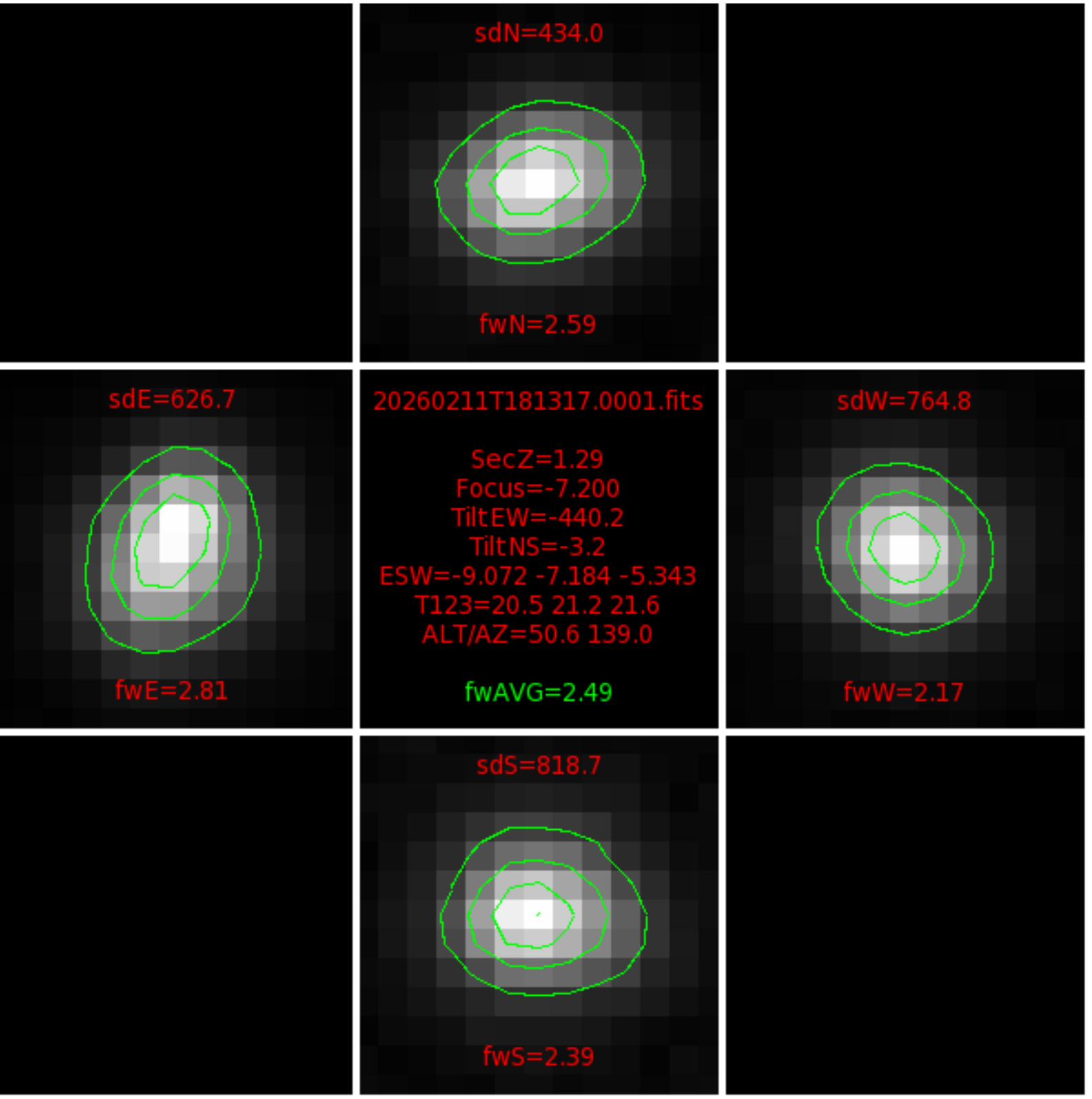

sdN=483.3
fwN=2.77
sdE=336.9
fwE=2.83
20260211T181116.0001.fits
SecZ=1.08
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.6 21.3 21.7
ALT/AZ=68.4 112.6
fwAVG=2.58
sdW=776.4
fwW=2.25
sdS=795.3
fwS=2.47
0 0 0 0 0 0 0 0 0


sdN=434.0
fwN=2.59
sdE=626.7
fwE=2.81
20260211T181317.0001.fits
SecZ=1.29
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.5 21.2 21.6
ALT/AZ=50.6 139.0
fwAVG=2.49
sdW=764.8
fwW=2.17
sdS=818.7
fwS=2.39
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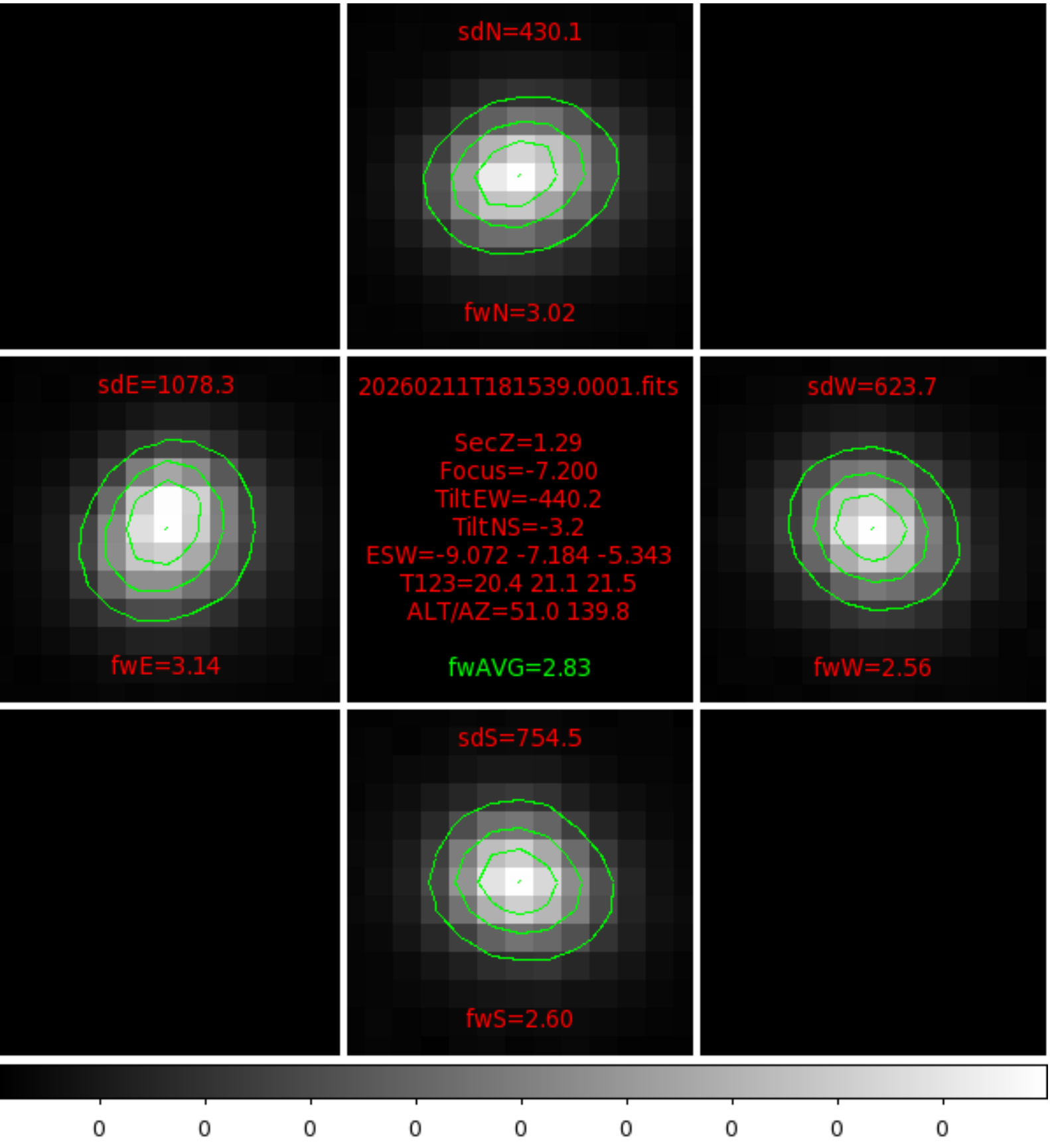
sdN=430.1
fwN=3.02
sdE=1078.3
fwE=3.14
20260211T181539.0001.fits
SecZ=1.29
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.4 21.1 21.5
ALT/AZ=51.0 139.8
fwAVG=2.83
sdW=623.7
fwW=2.56
sdS=754.5
fwS=2.60
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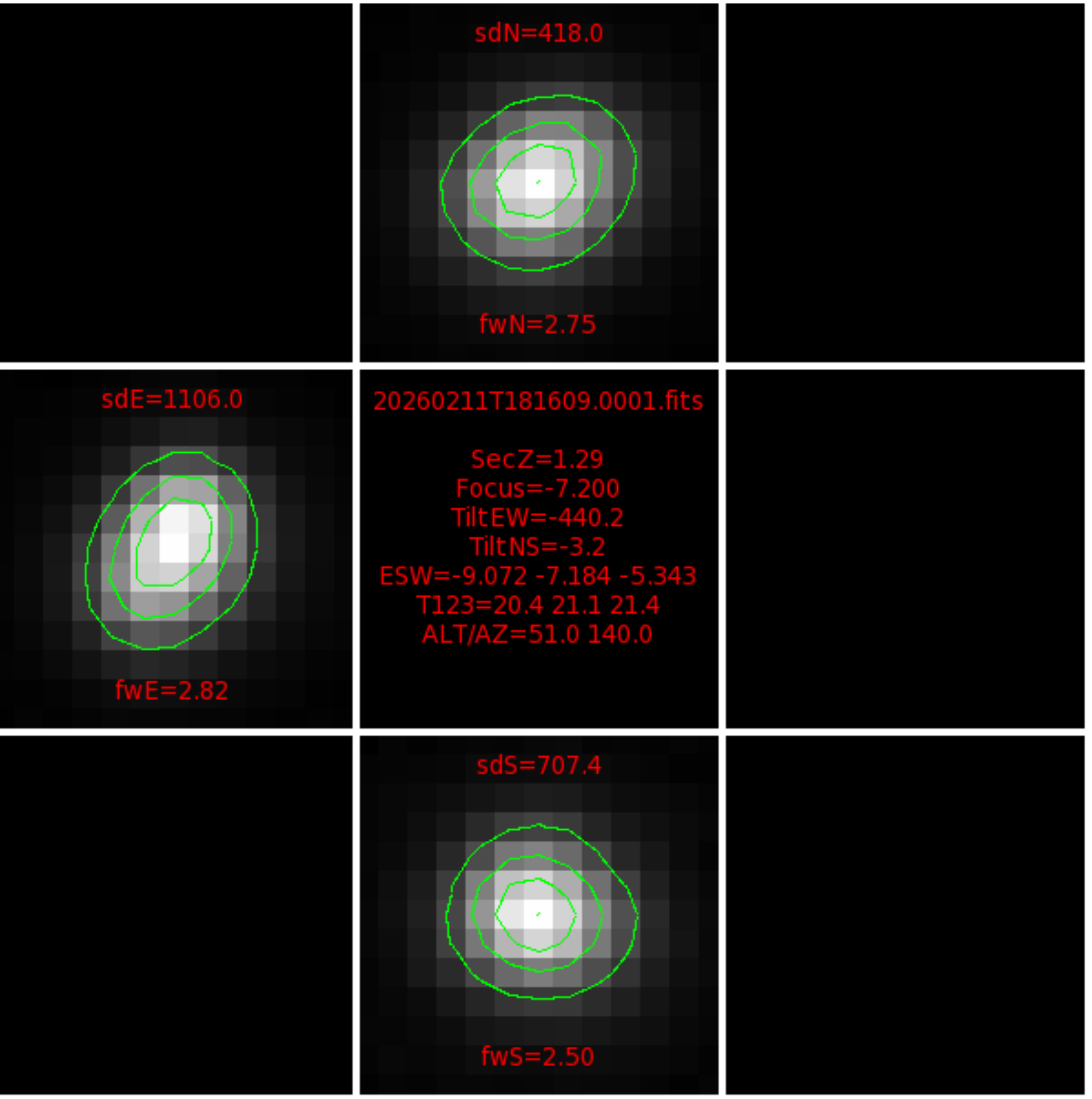
sdN=418.0
fwN=2.75
sdE=1106.0
fwE=2.82
20260211T181609.0001.fits
SecZ=1.29
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.4 21.1 21.4
ALT/AZ=51.0 140.0
sdS=707.4
fwS=2.50
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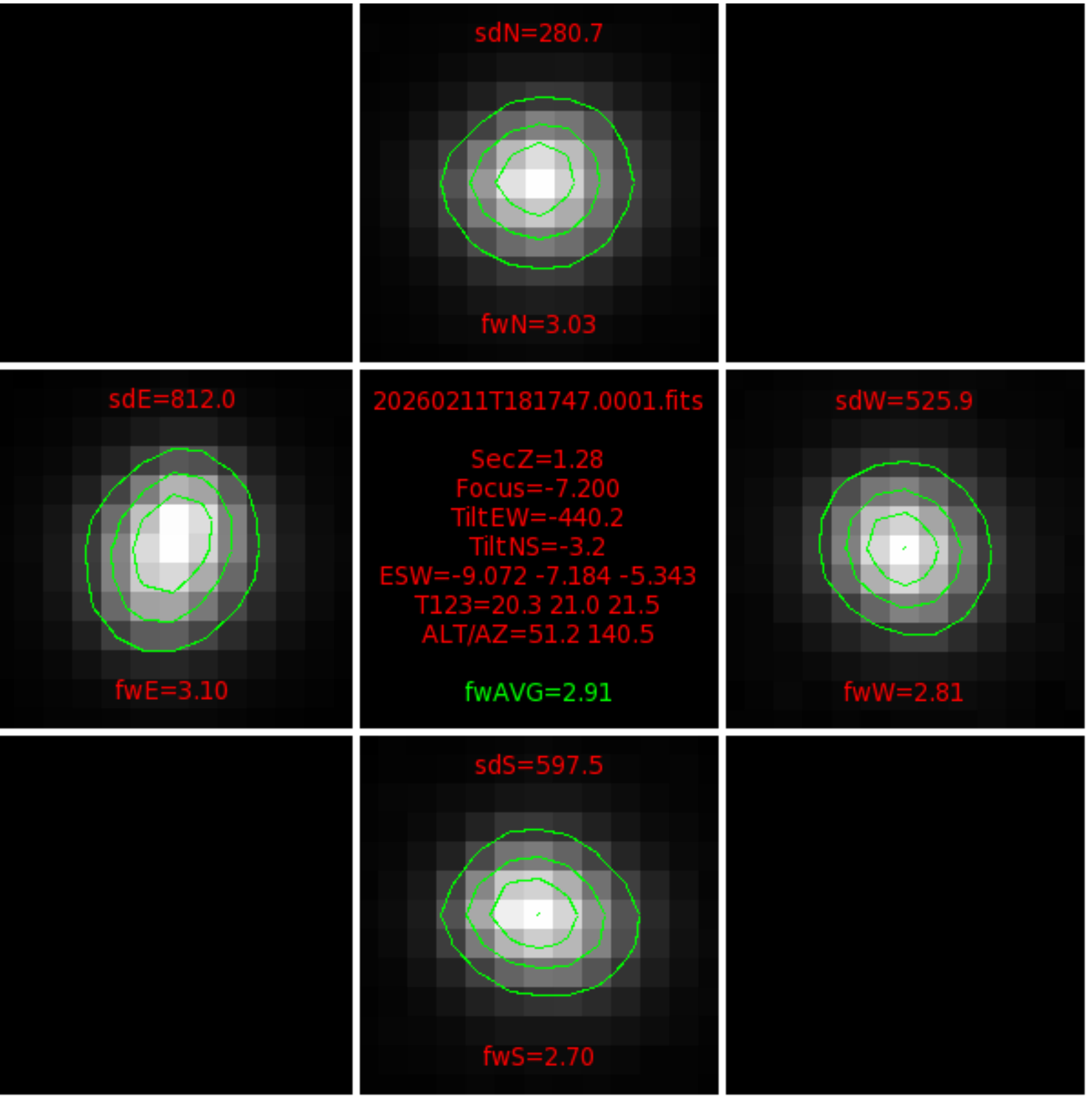
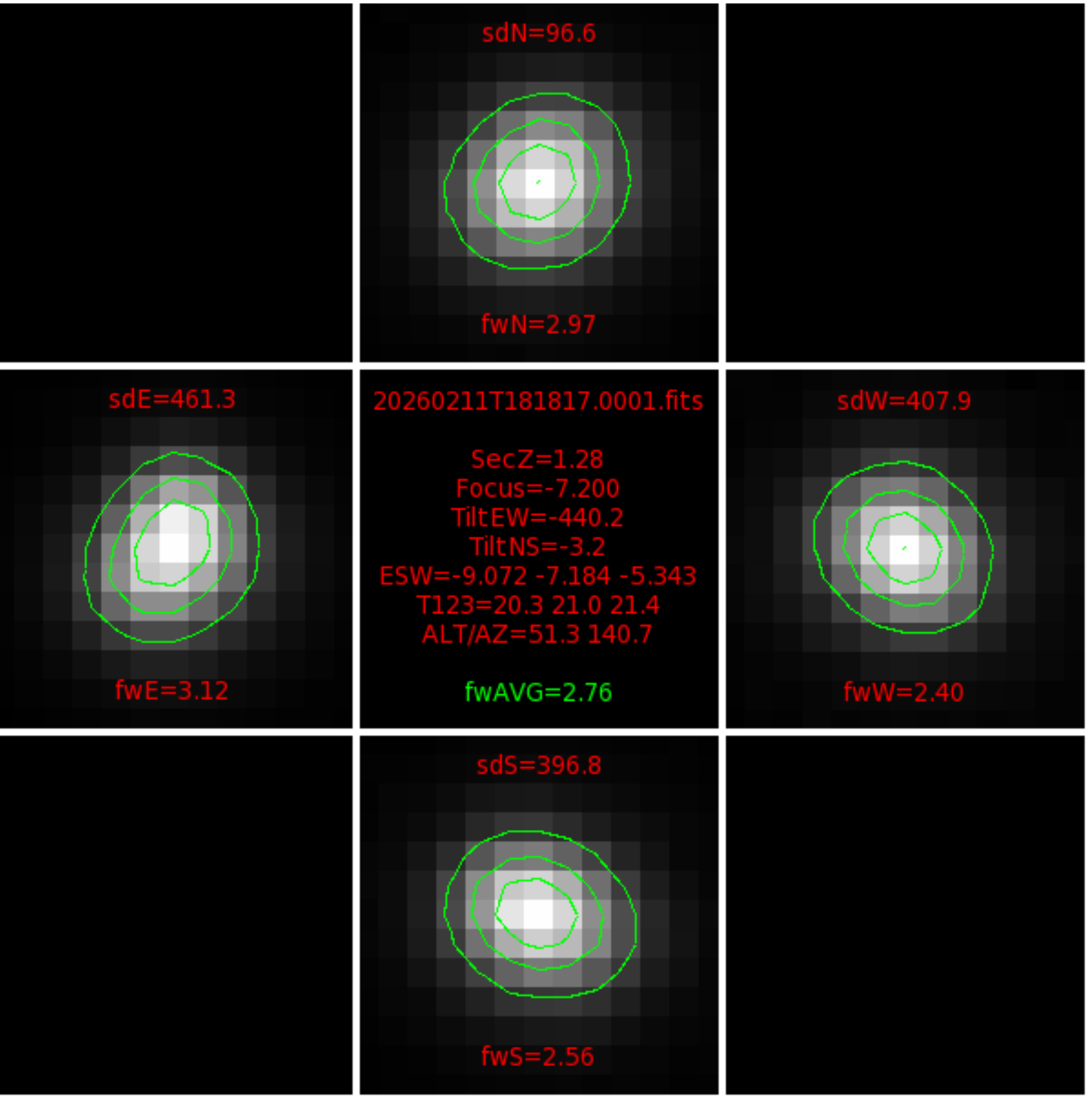

sdN=280.7
fwN=3.03
sdE=812.0
fwE=3.10
20260211T181747.0001.fits
SecZ=1.28
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.3 21.0 21.5
ALT/AZ=51.2 140.5
fwAVG=2.91
sdW=525.9
fwW=2.81
sdS=597.5
fwS=2.70
0 0 0 0 0 0 0 0 0


sdN=96.6
fwN=2.97
sdE=461.3
fwE=3.12
20260211T181817.0001.fits
SecZ=1.28
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.3 21.0 21.4
ALT/AZ=51.3 140.7
fwAVG=2.76
sdW=407.9
fwW=2.40
sdS=396.8
fwS=2.56
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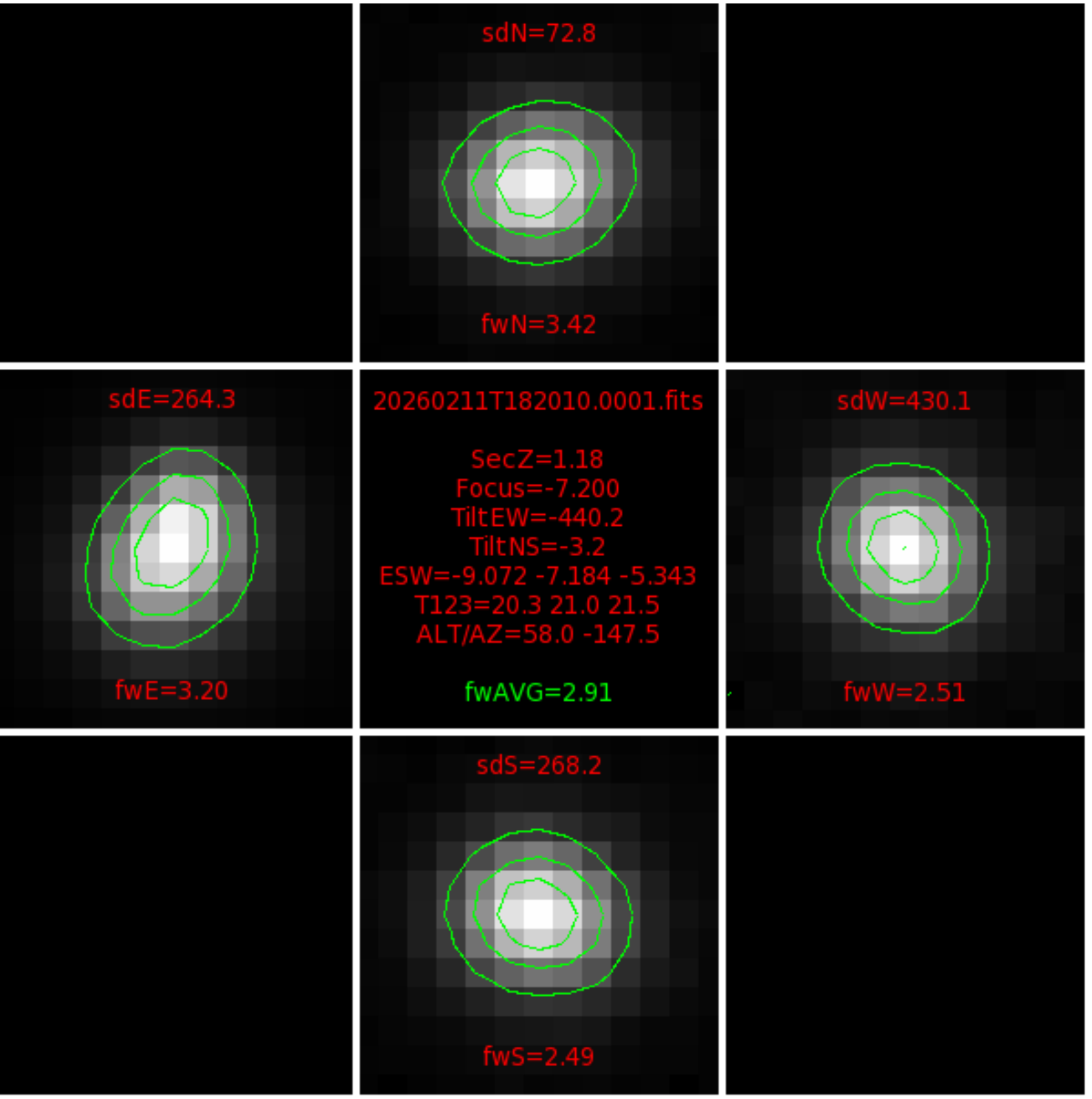
sdN=72.8
fwN=3.42
sdE=264.3
fwE=3.20
20260211T182010.0001.fits
SecZ=1.18
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.3 21.0 21.5
ALT/AZ=58.0 -147.5
fwAVG=2.91
sdW=430.1
fwW=2.51
sdS=268.2
fwS=2.49
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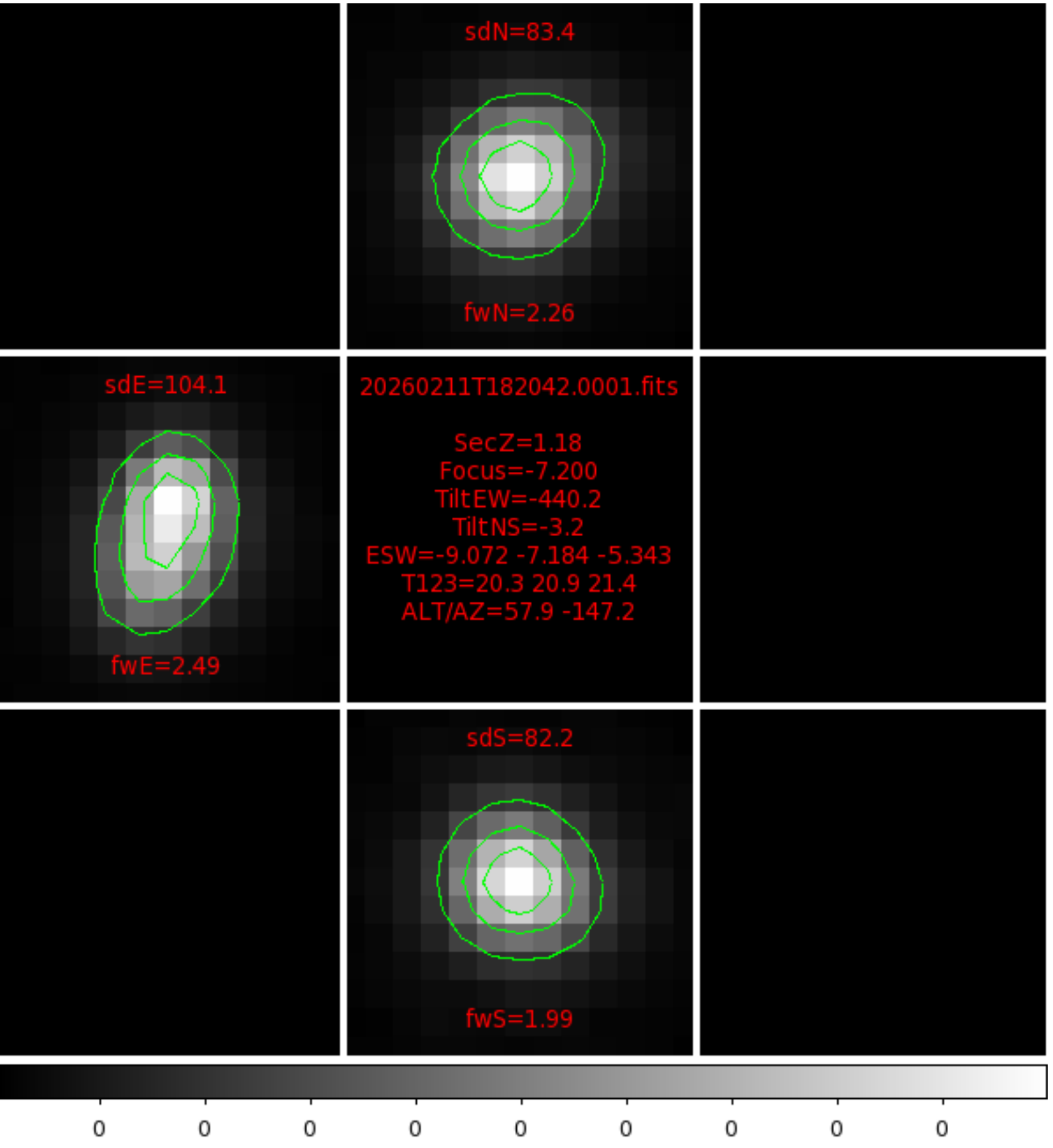
sdN=83.4
fwN=2.26
sdE=104.1
fwE=2.49
20260211T182042.0001.fits
SecZ=1.18
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.3 20.9 21.4
ALT/AZ=57.9 -147.2
sdS=82.2
fwS=1.99
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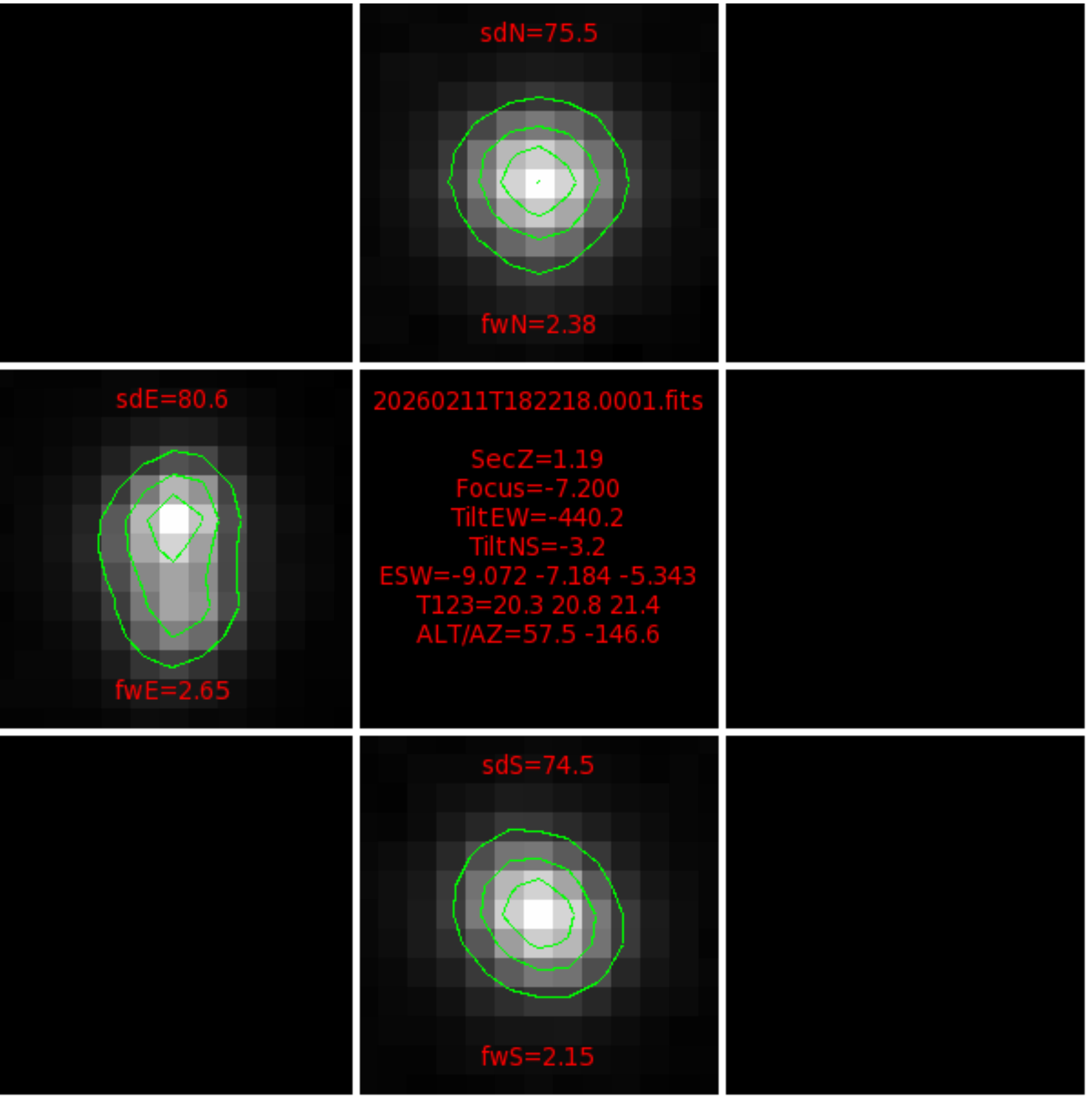
sdN=75.5
fwN=2.38
sdE=80.6
fwE=2.65
20260211T182218.0001.fits
SecZ=1.19
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.3 20.8 21.4
ALT/AZ=57.5 -146.6
sdS=74.5
fwS=2.15
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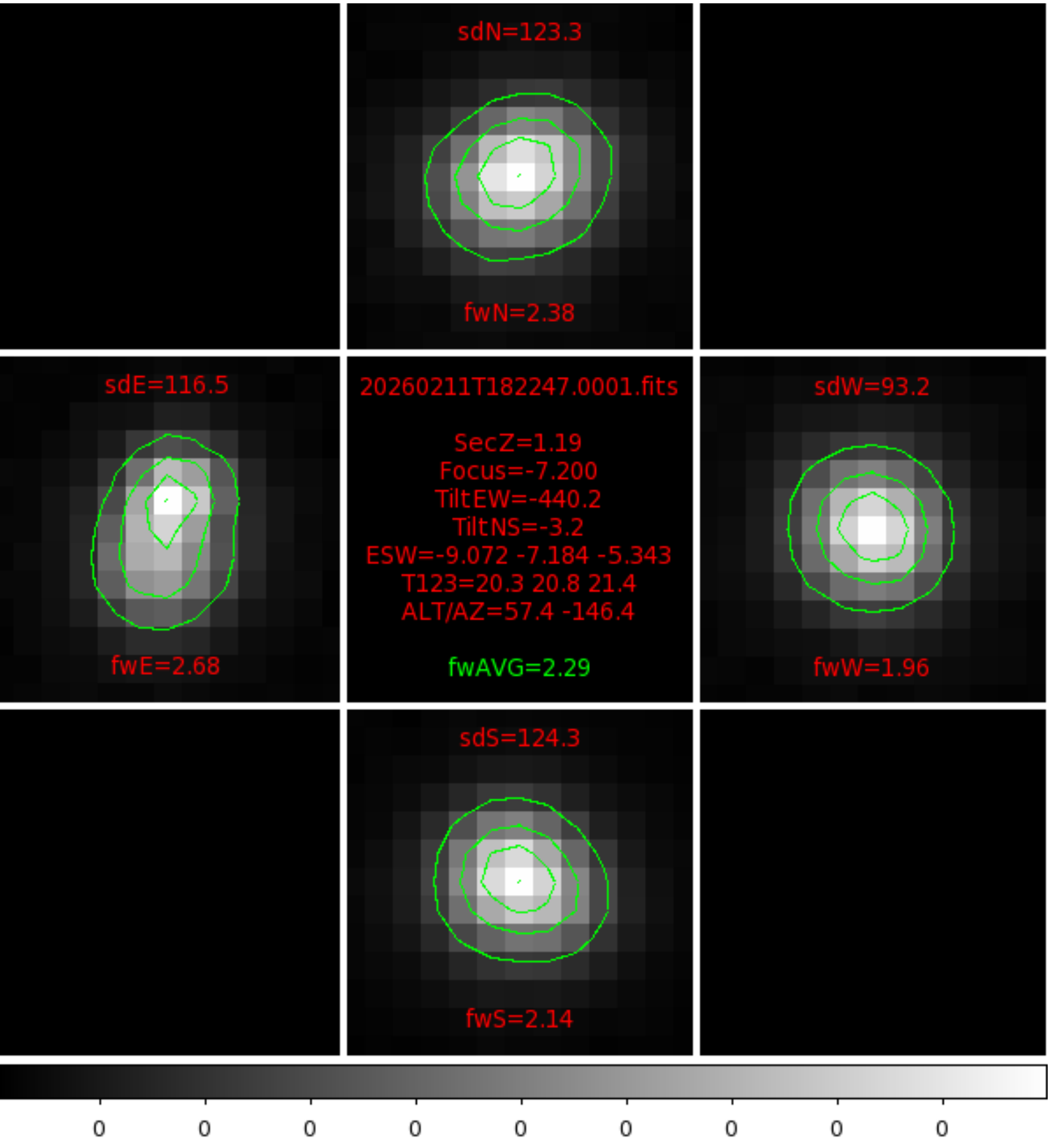
sdN=123.3
fwN=2.38
sdE=116.5
fwE=2.68
20260211T182247.0001.fits
SecZ=1.19
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.3 20.8 21.4
ALT/AZ=57.4 -146.4
fwAVG=2.29
sdW=93.2
fwW=1.96
sdS=124.3
fwS=2.14
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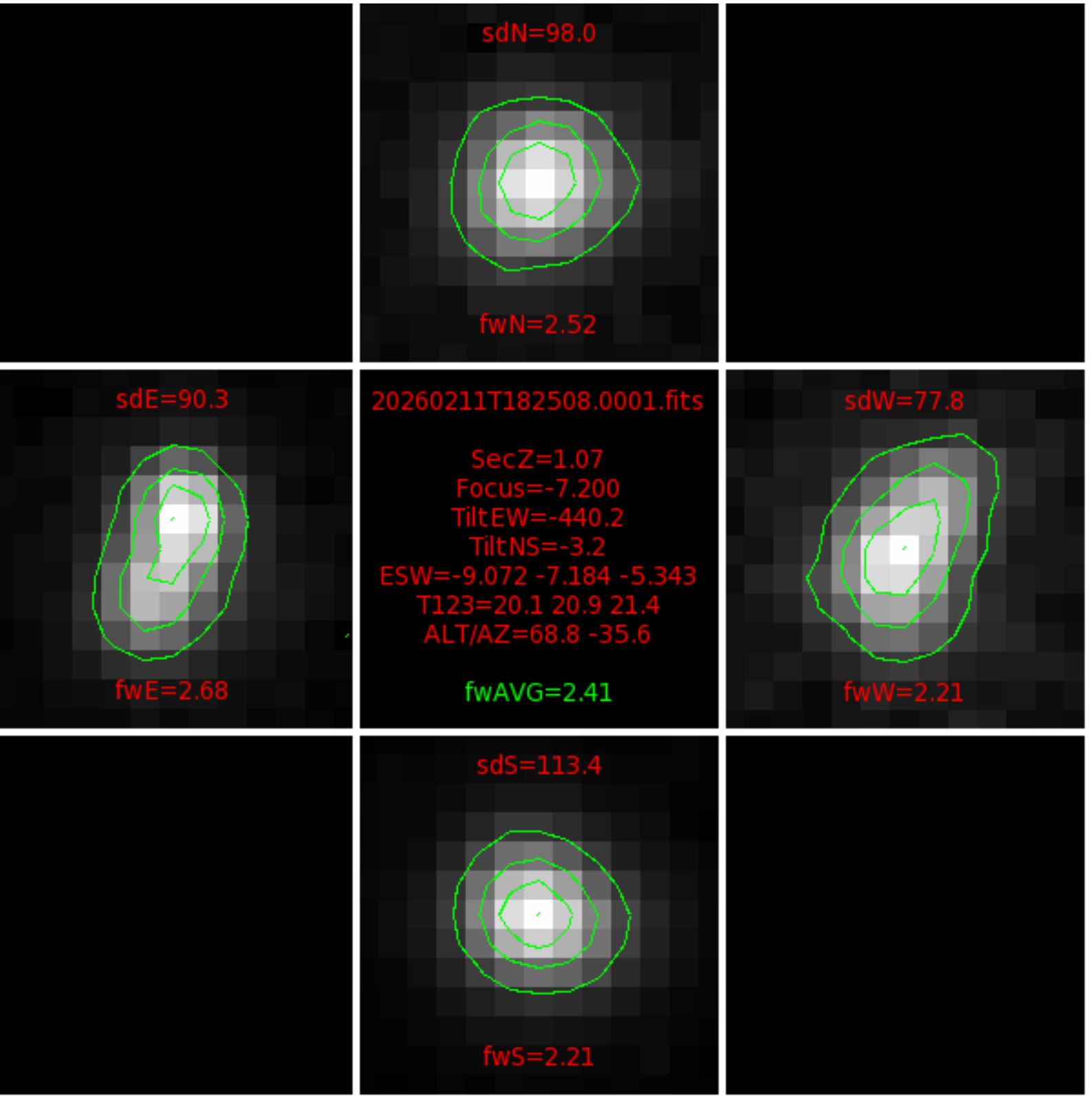
sdN=98.0
fwN=2.52
sdE=90.3
fwE=2.68
20260211T182508.0001.fits
SecZ=1.07
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.1 20.9 21.4
ALT/AZ=68.8 -35.6
fwAVG=2.41
sdW=77.8
fwW=2.21
sdS=113.4
fwS=2.21
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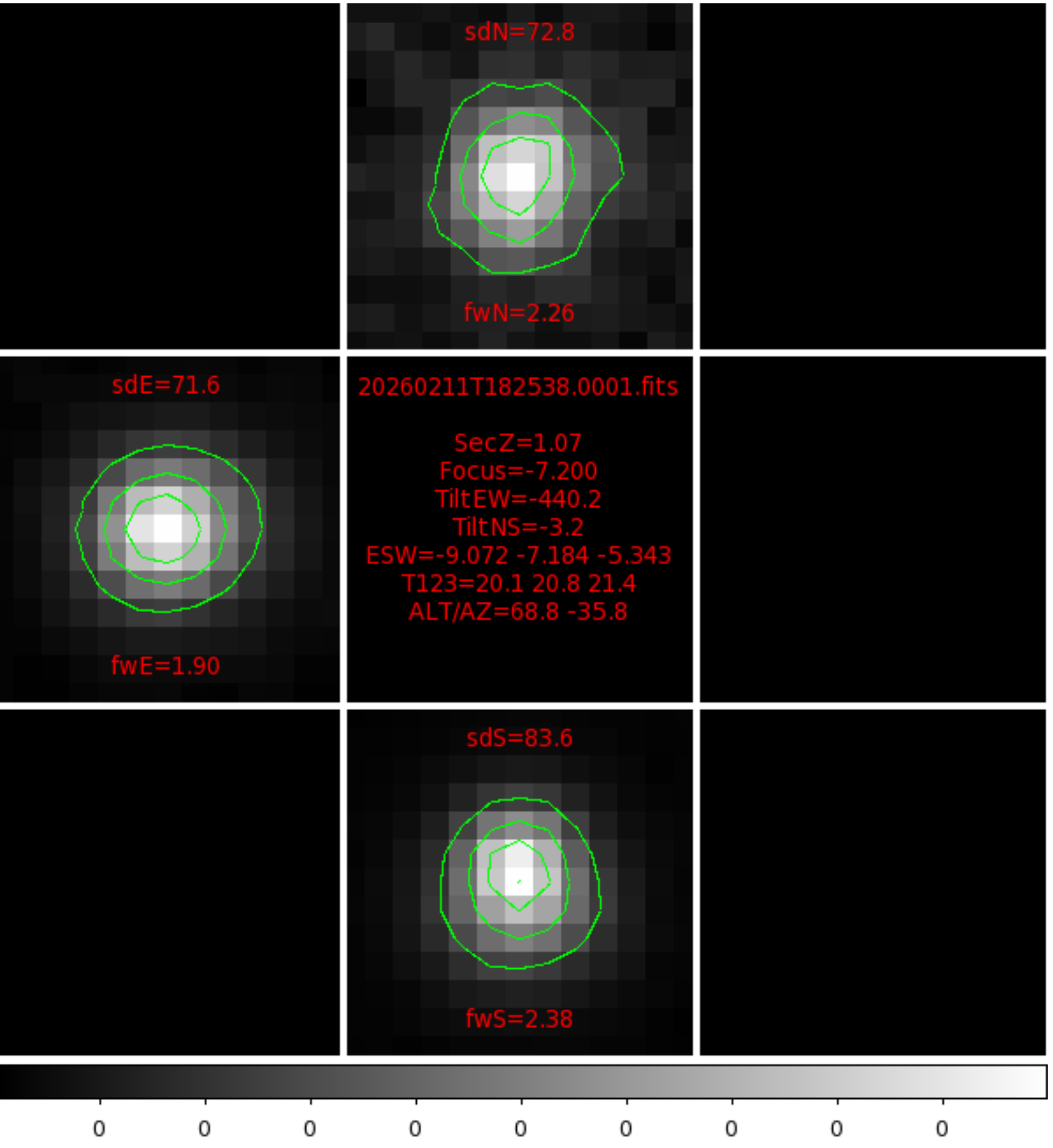
sdN=72.8
fwN=2.26
sdE=71.6
fwE=1.90
20260211T182538.0001.fits
SecZ=1.07
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.1 20.8 21.4
ALT/AZ=68.8 -35.8
sdS=83.6
fwS=2.38
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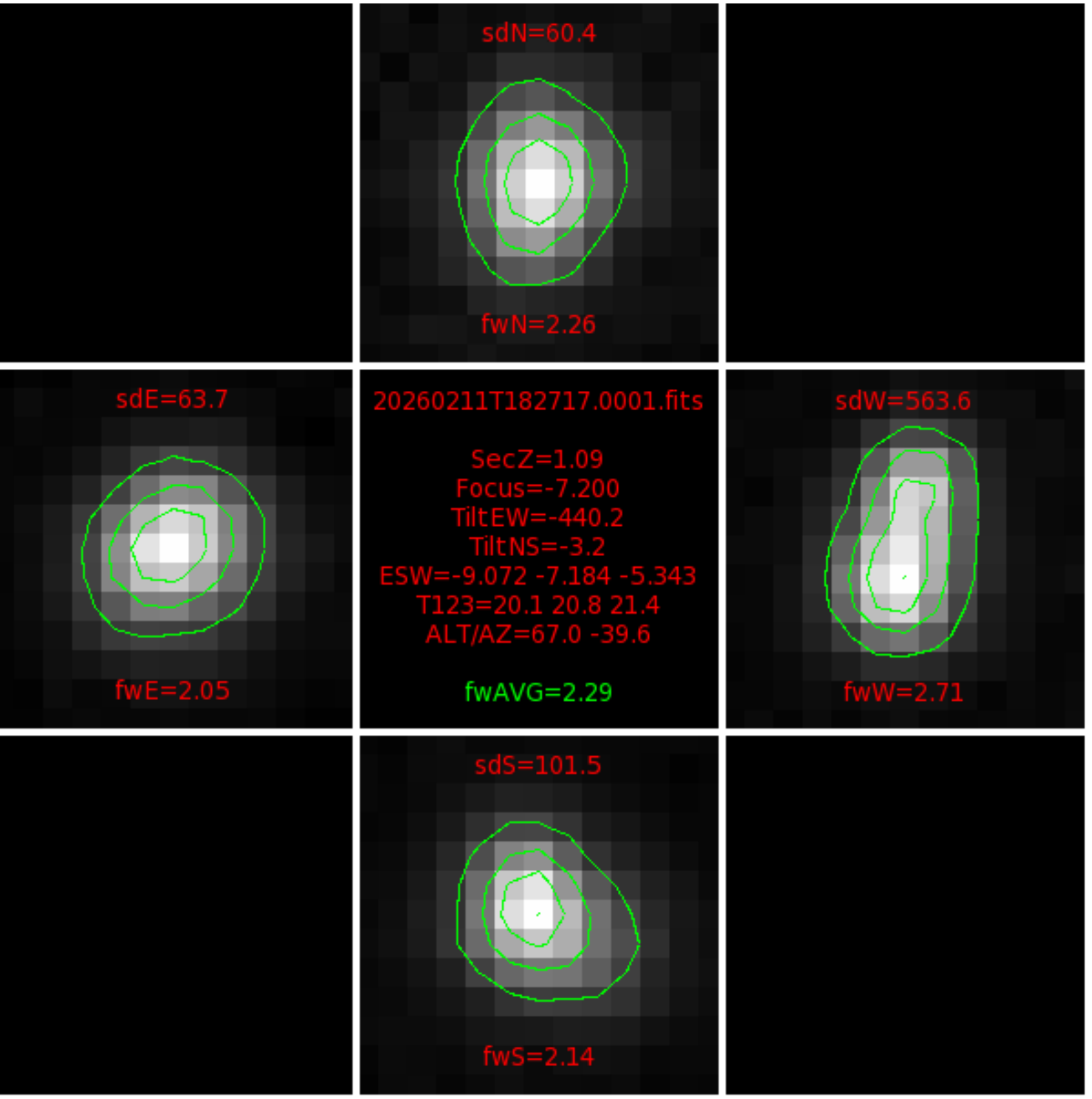
sdN=60.4
fwN=2.26
sdE=63.7
fwE=2.05
20260211T182717.0001.fits
SecZ=1.09
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.1 20.8 21.4
ALT/AZ=67.0 -39.6
fwAVG=2.29
sdW=563.6
fwW=2.71
sdS=101.5
fwS=2.14
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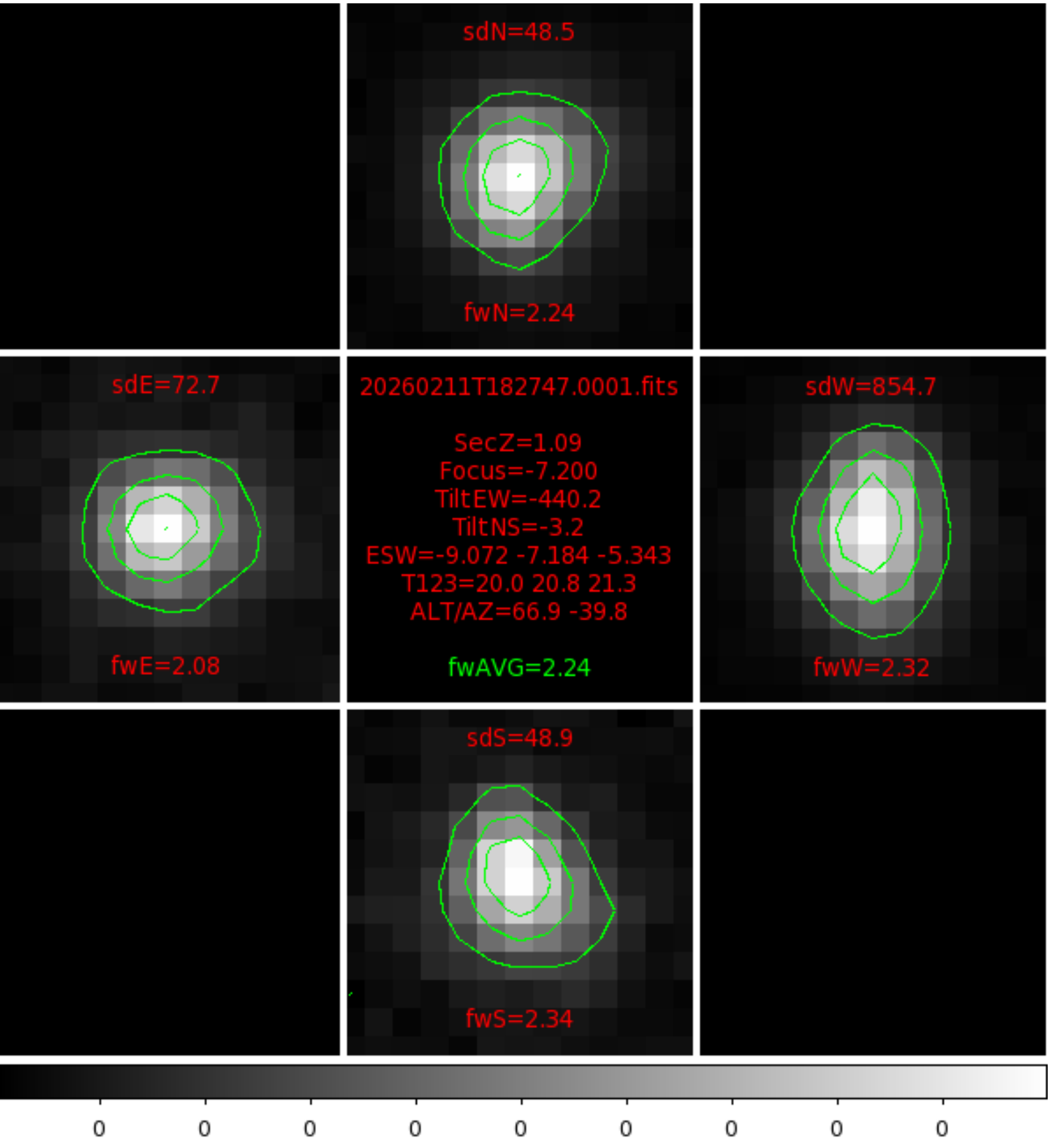
sdN=48.5
fwN=2.24
sdE=72.7
fwE=2.08
20260211T182747.0001.fits
SecZ=1.09
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.0 20.8 21.3
ALT/AZ=66.9 -39.8
fwAVG=2.24
sdW=854.7
fwW=2.32
sdS=48.9
fwS=2.34
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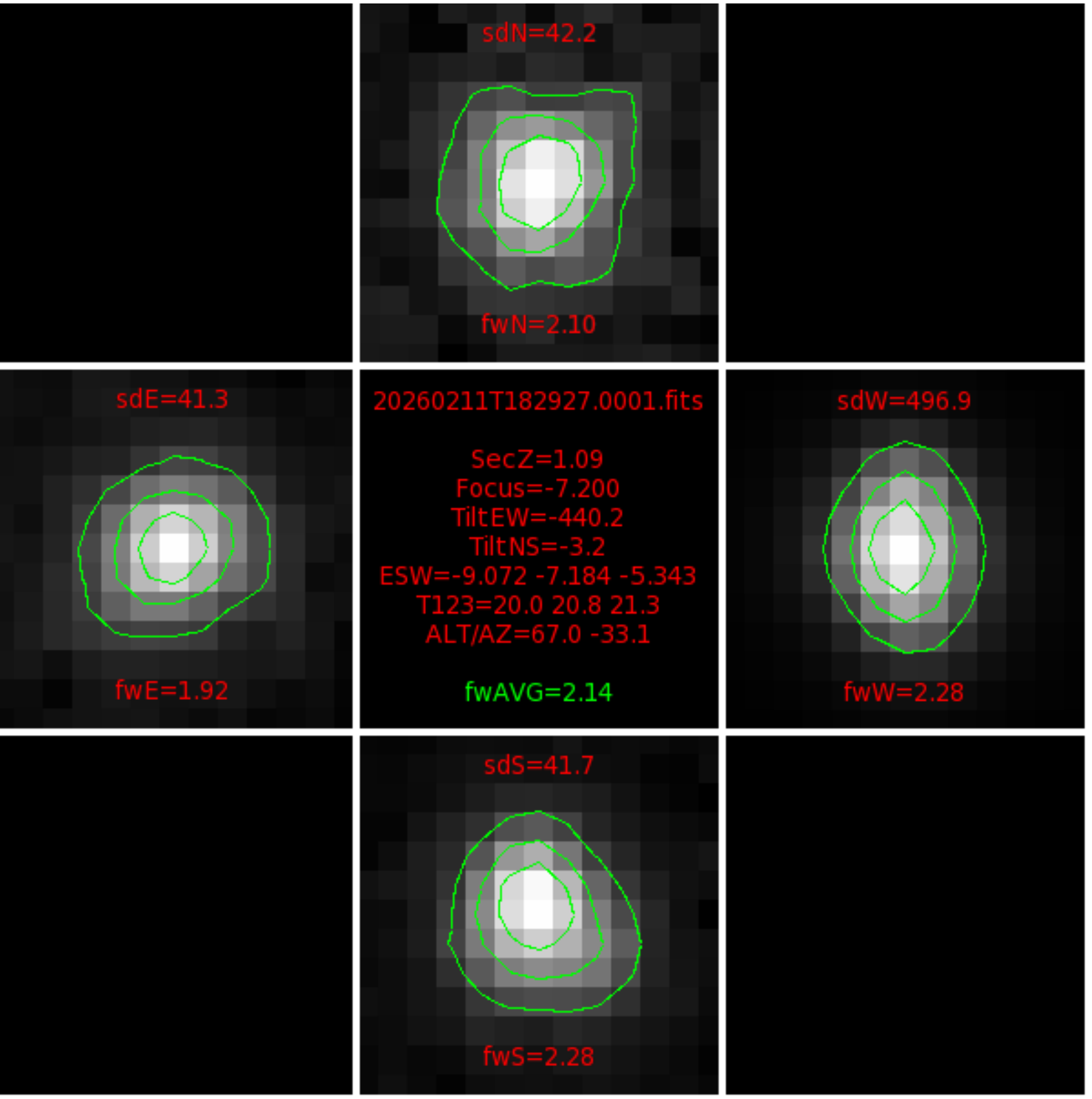
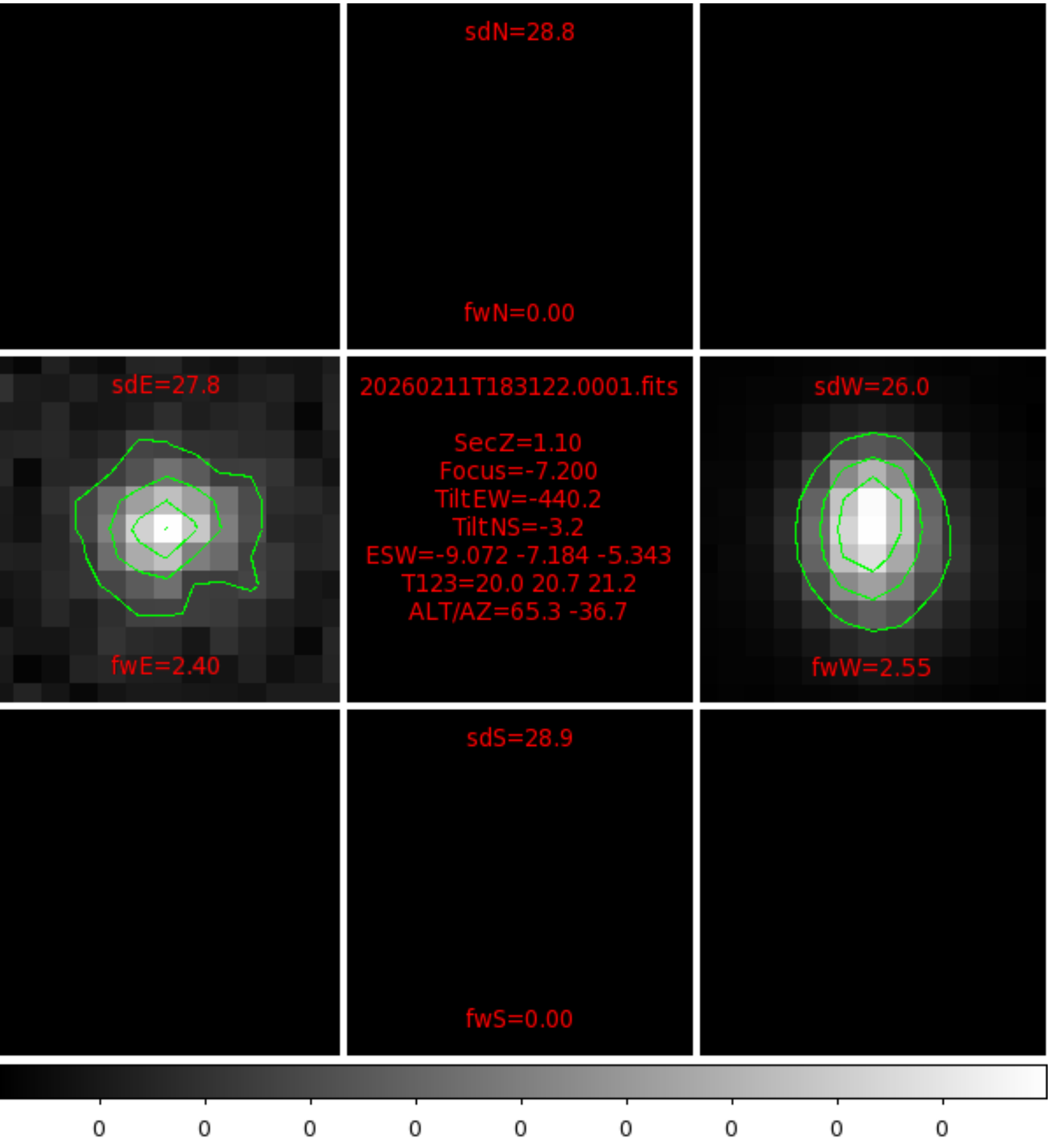
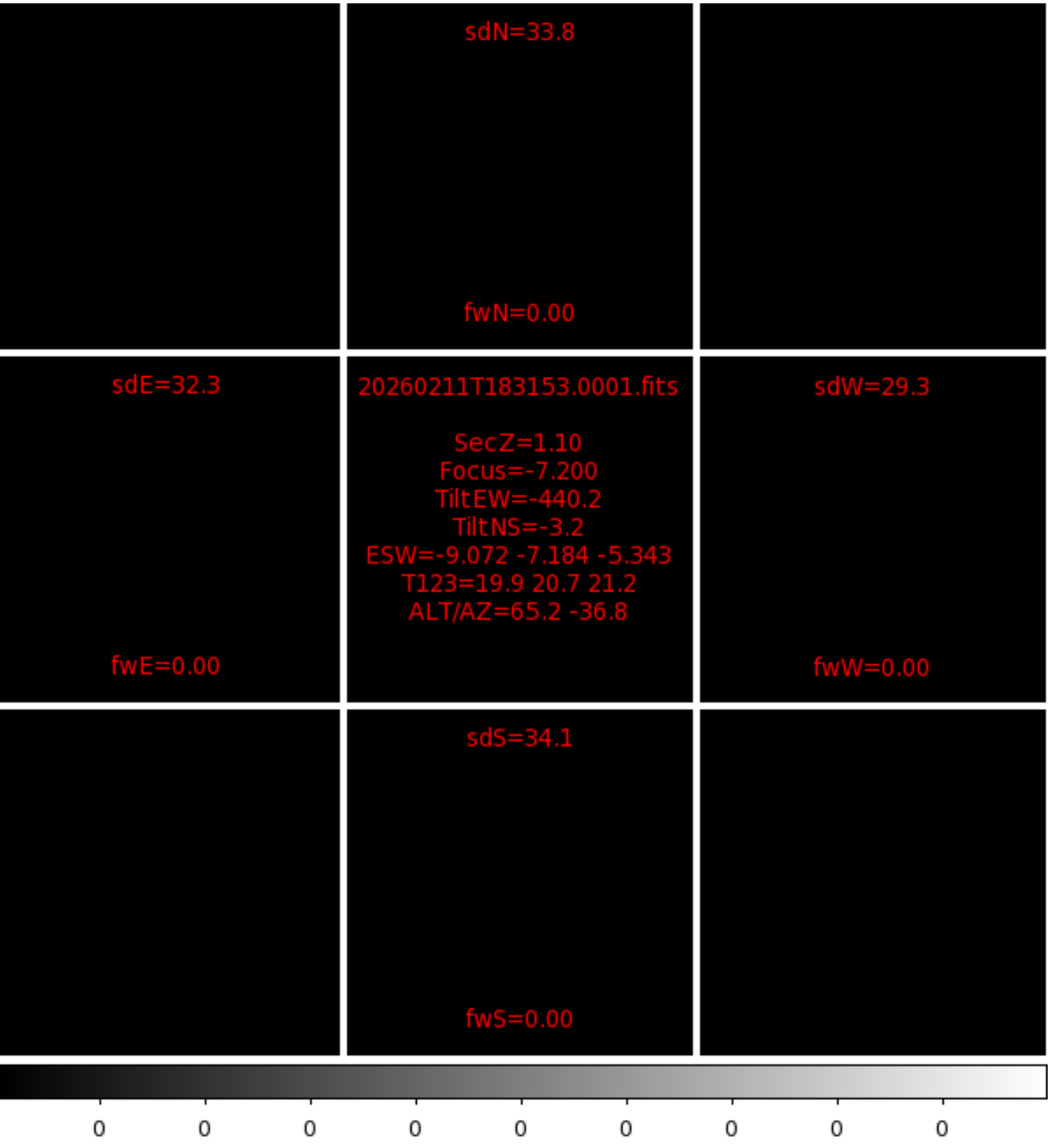
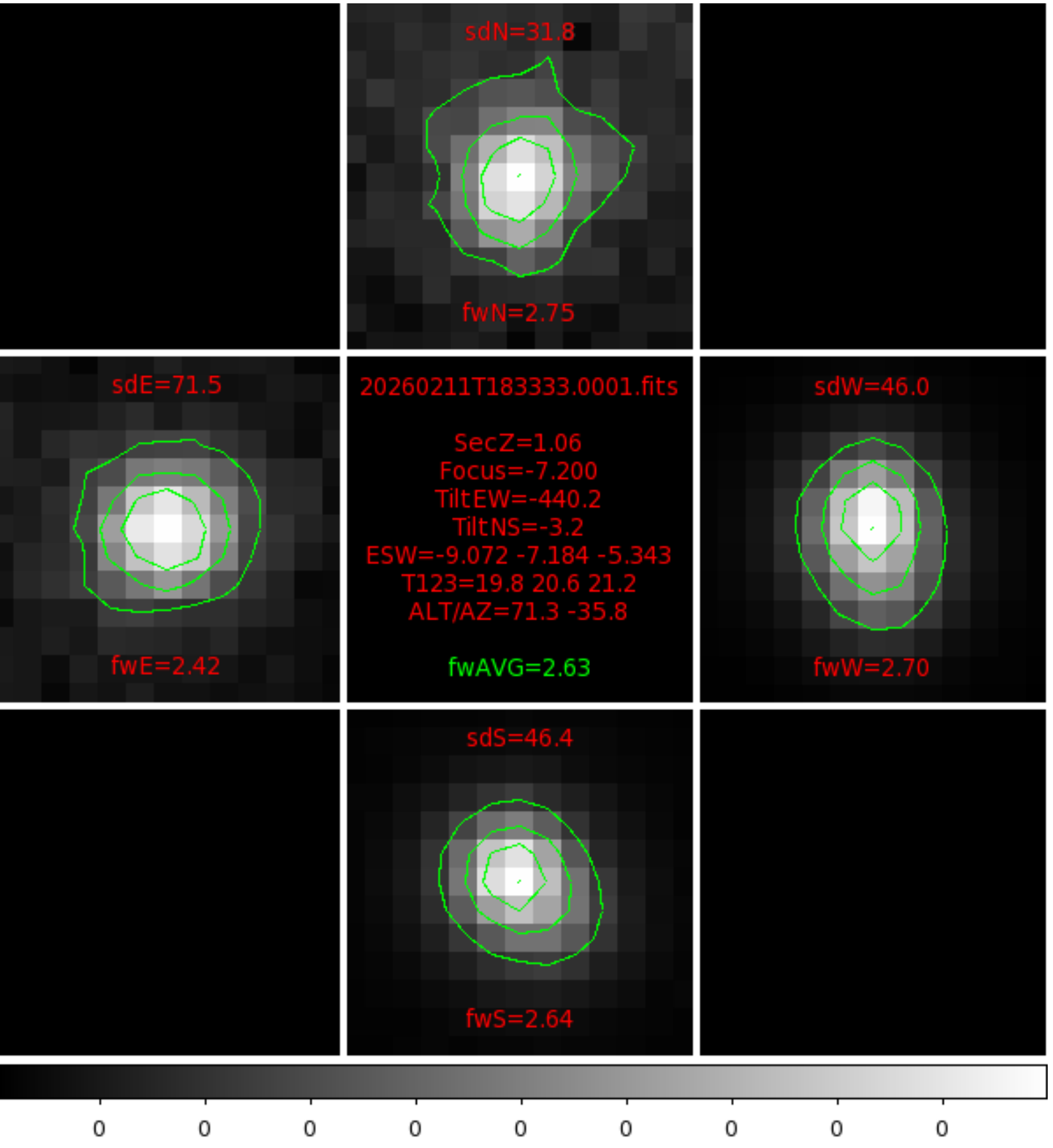

sdN=42.2
fwN=2.10
sdE=41.3
fwE=1.92
20260211T182927.0001.fits
SecZ=1.09
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.0 20.8 21.3
ALT/AZ=67.0 -33.1
fwAVG=2.14
sdW=496.9
fwW=2.28
sdS=41.7
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=28.8
fwN=0.00
sdE=27.8
fwE=2.40
20260211T183122.0001.fits
SecZ=1.10
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=20.0 20.7 21.2
ALT/AZ=65.3 -36.7
sdW=26.0
fwW=2.55
sdS=28.9
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=33.8
fwN=0.00
sdE=32.3
fwE=0.00
20260211T183153.0001.fits
SecZ=1.10
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=19.9 20.7 21.2
ALT/AZ=65.2 -36.8
sdW=29.3
fwW=0.00
sdS=34.1
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=31.8
fwN=2.75
sdE=71.5
fwE=2.42
20260211T183333.0001.fits
SecZ=1.06
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=19.8 20.6 21.2
ALT/AZ=71.3 -35.8
fwAVG=2.63
sdW=46.0
fwW=2.70
sdS=46.4
fwS=2.64
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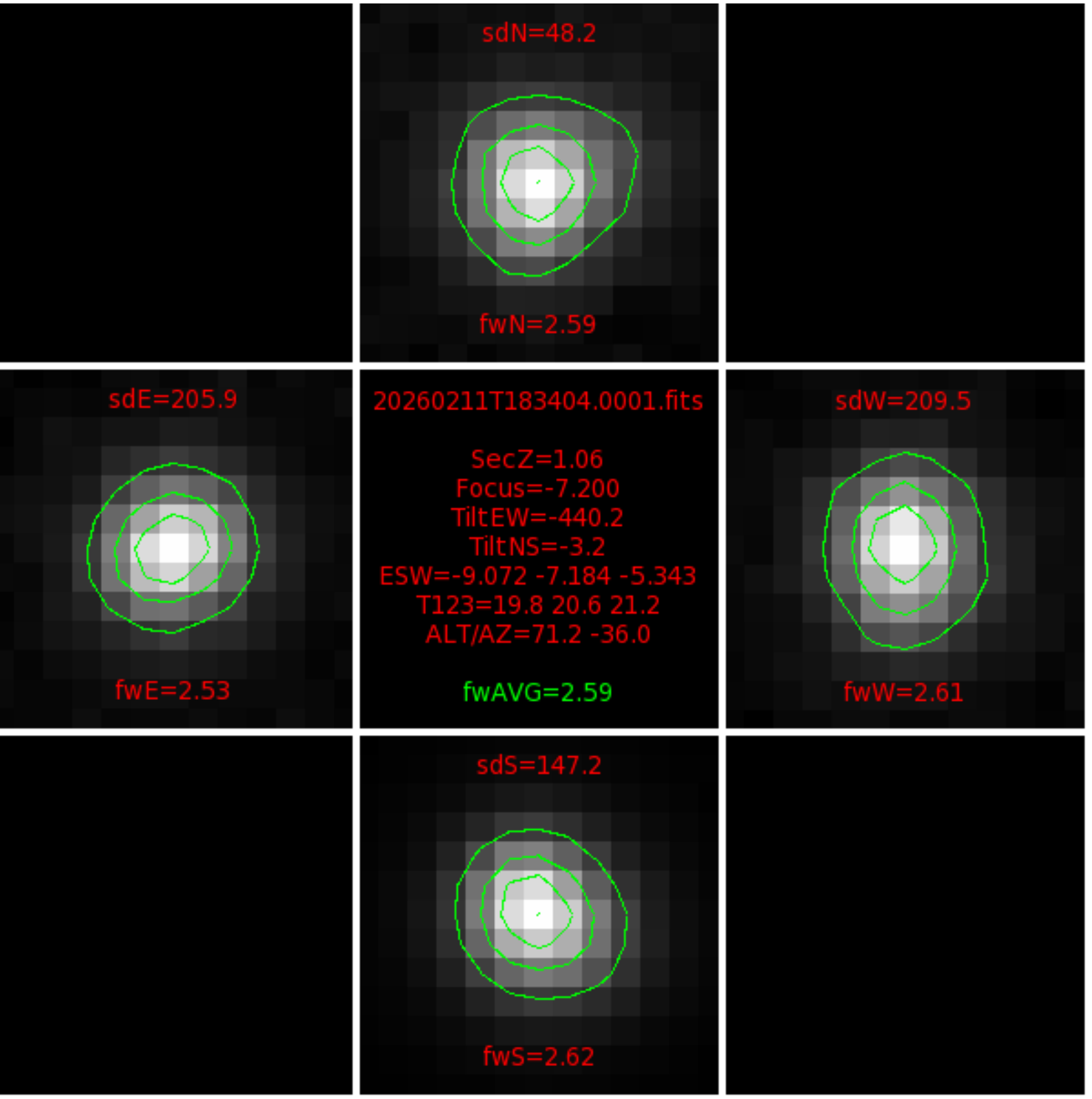
sdN=48.2
fwN=2.59
sdE=205.9
fwE=2.53
20260211T183404.0001.fits
SecZ=1.06
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=19.8 20.6 21.2
ALT/AZ=71.2 -36.0
fwAVG=2.59
sdW=209.5
fwW=2.61
sdS=147.2
fwS=2.62
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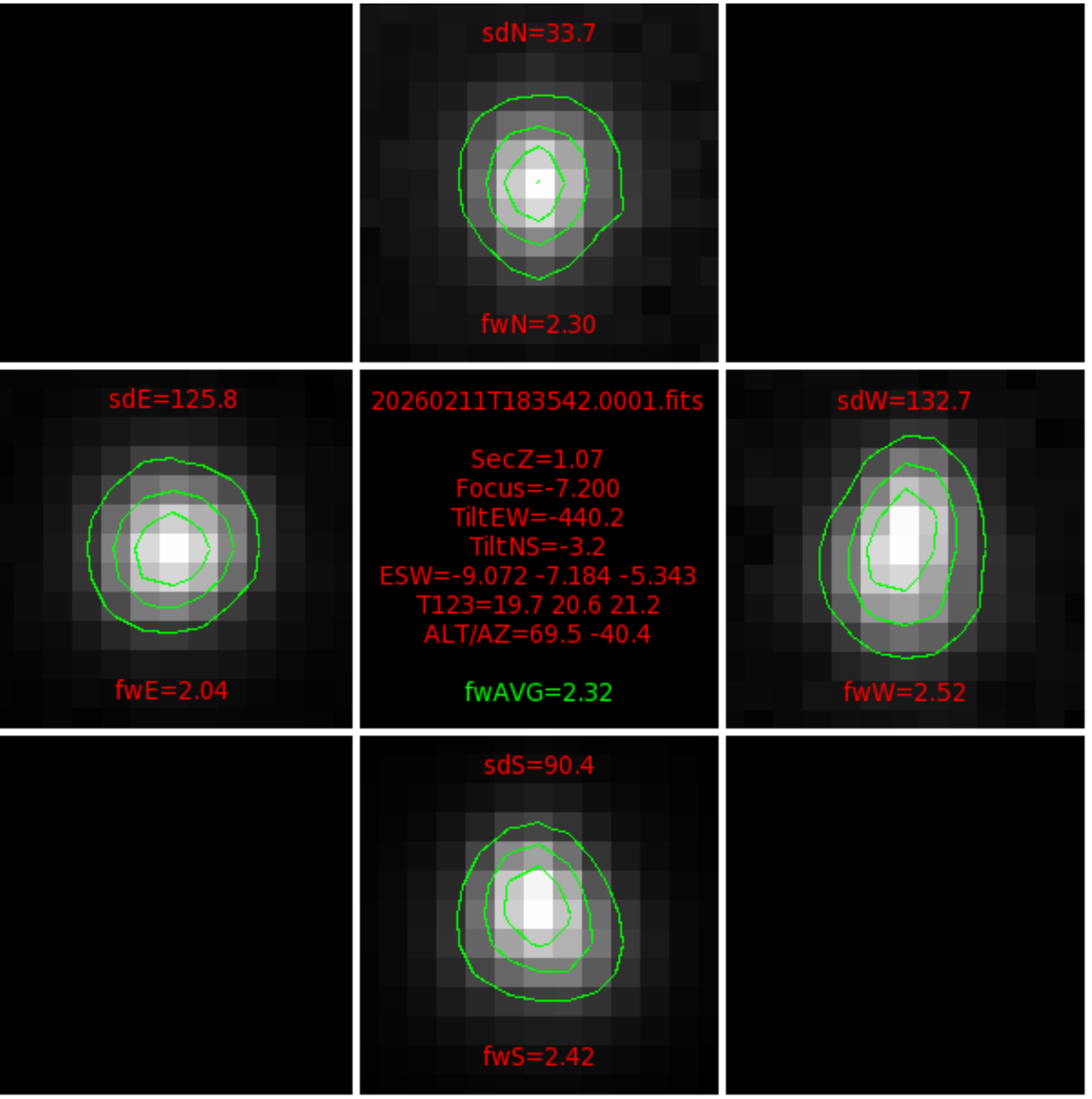
sdN=33.7
fwN=2.30
sdE=125.8
fwE=2.04
20260211T183542.0001.fits
SecZ=1.07
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=19.7 20.6 21.2
ALT/AZ=69.5 -40.4
fwAVG=2.32
sdW=132.7
fwW=2.52
sdS=90.4
fwS=2.42
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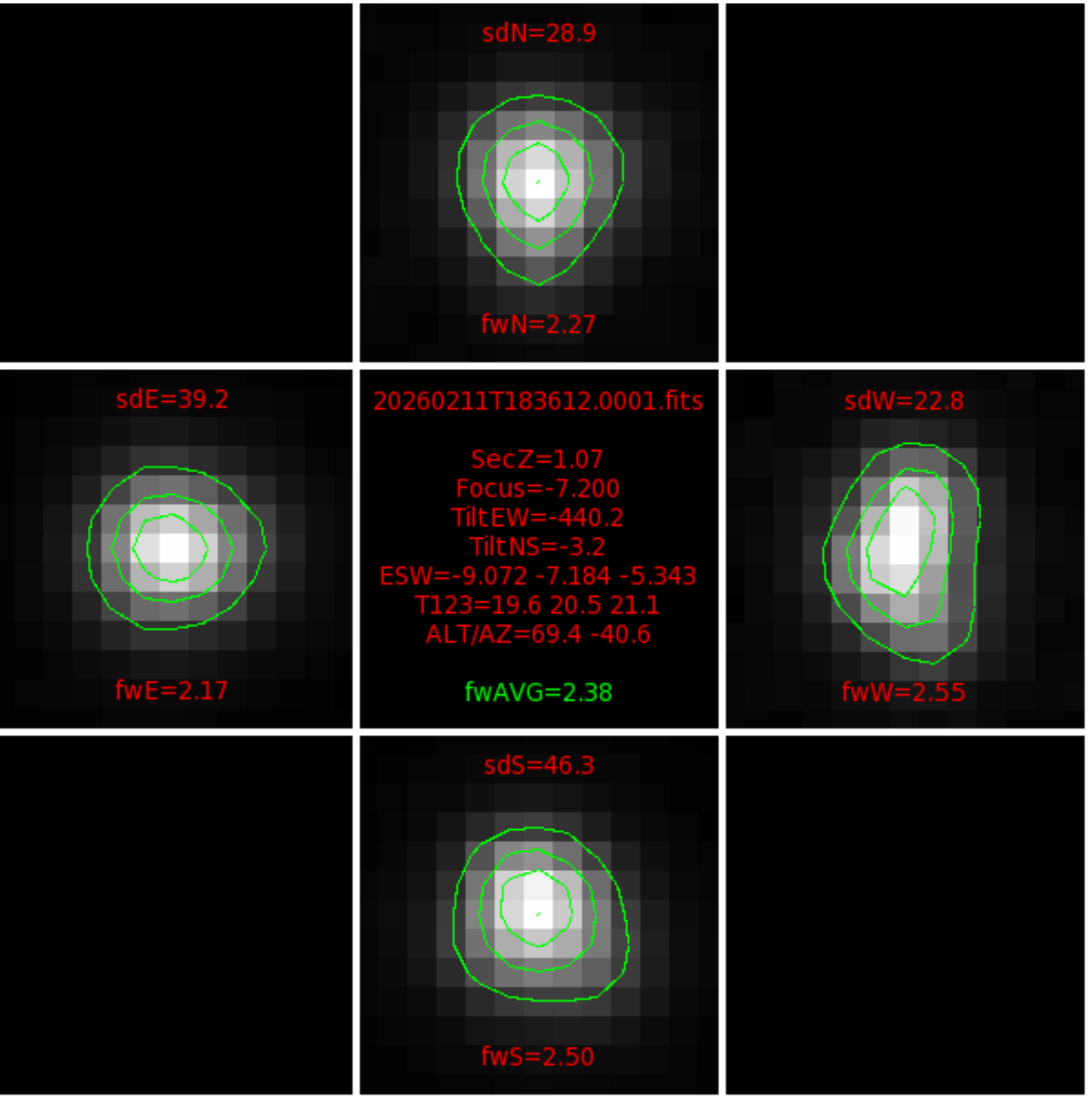
sdN=28.9
fwN=2.27
sdE=39.2
fwE=2.17
20260211T183612.0001.fits
SecZ=1.07
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=19.6 20.5 21.1
ALT/AZ=69.4 -40.6
fwAVG=2.38
sdW=22.8
fwW=2.55
sdS=46.3
fwS=2.50
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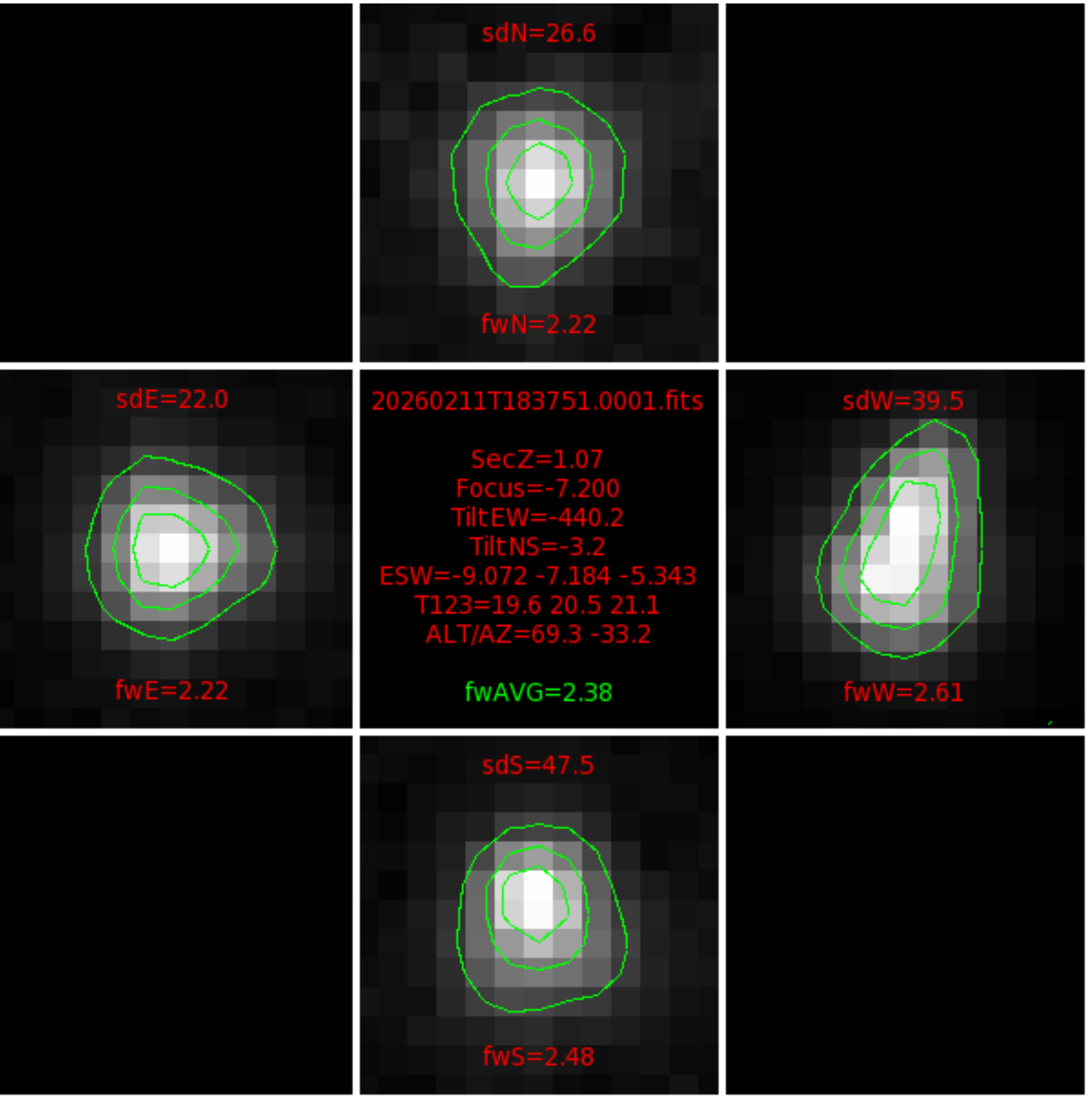
sdN=26.6
fwN=2.22
sdE=22.0
fwE=2.22
20260211T183751.0001.fits
SecZ=1.07
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=19.6 20.5 21.1
ALT/AZ=69.3 -33.2
fwAVG=2.38
sdW=39.5
fwW=2.61
sdS=47.5
fwS=2.48
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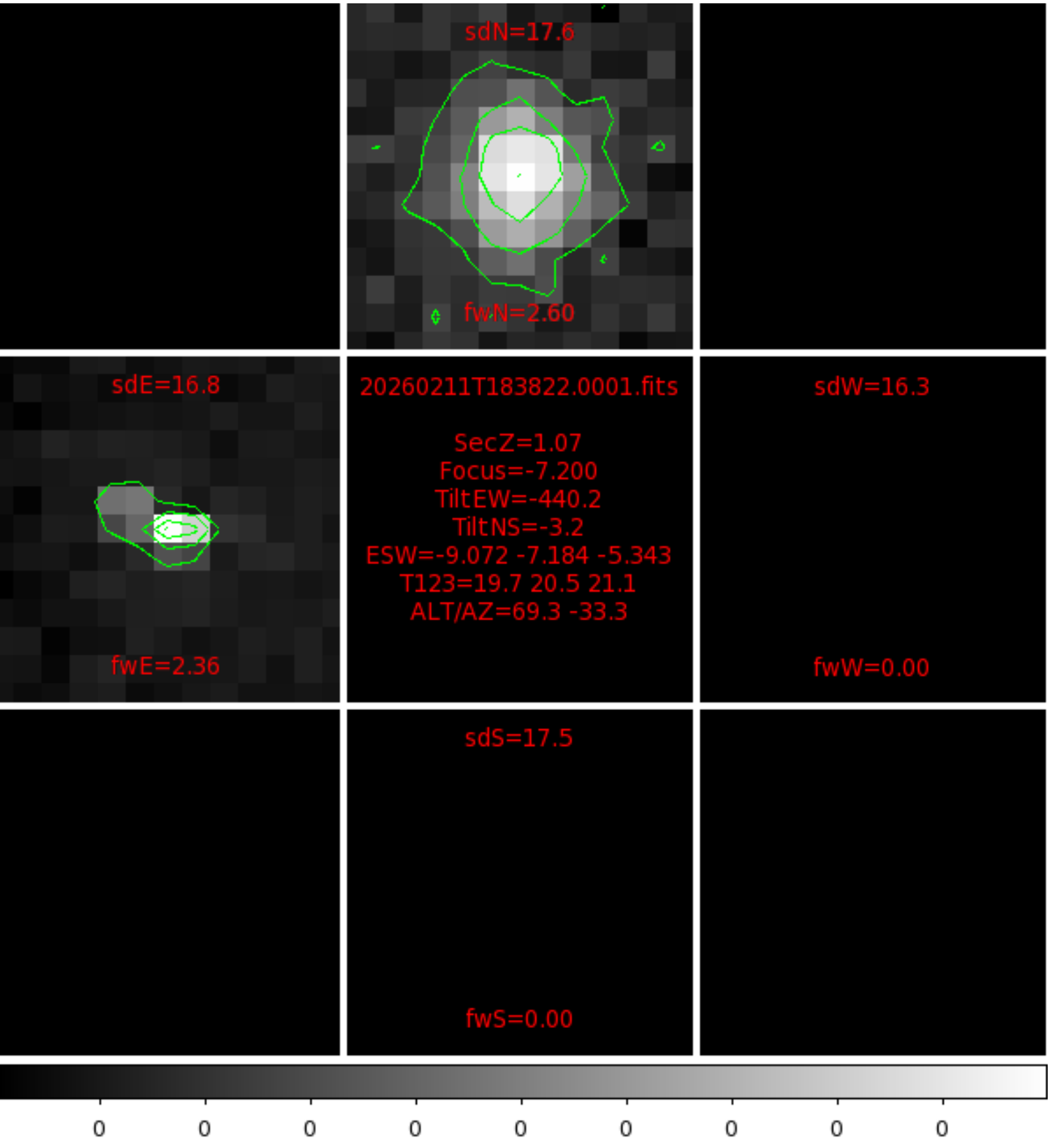
sdN=17.6
fwN=2.60
sdE=16.8
fwE=2.36
20260211T183822.0001.fits
SecZ=1.07
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=19.7 20.5 21.1
ALT/AZ=69.3 -33.3
sdW=16.3
fwW=0.00
sdS=17.5
fwS=0.00
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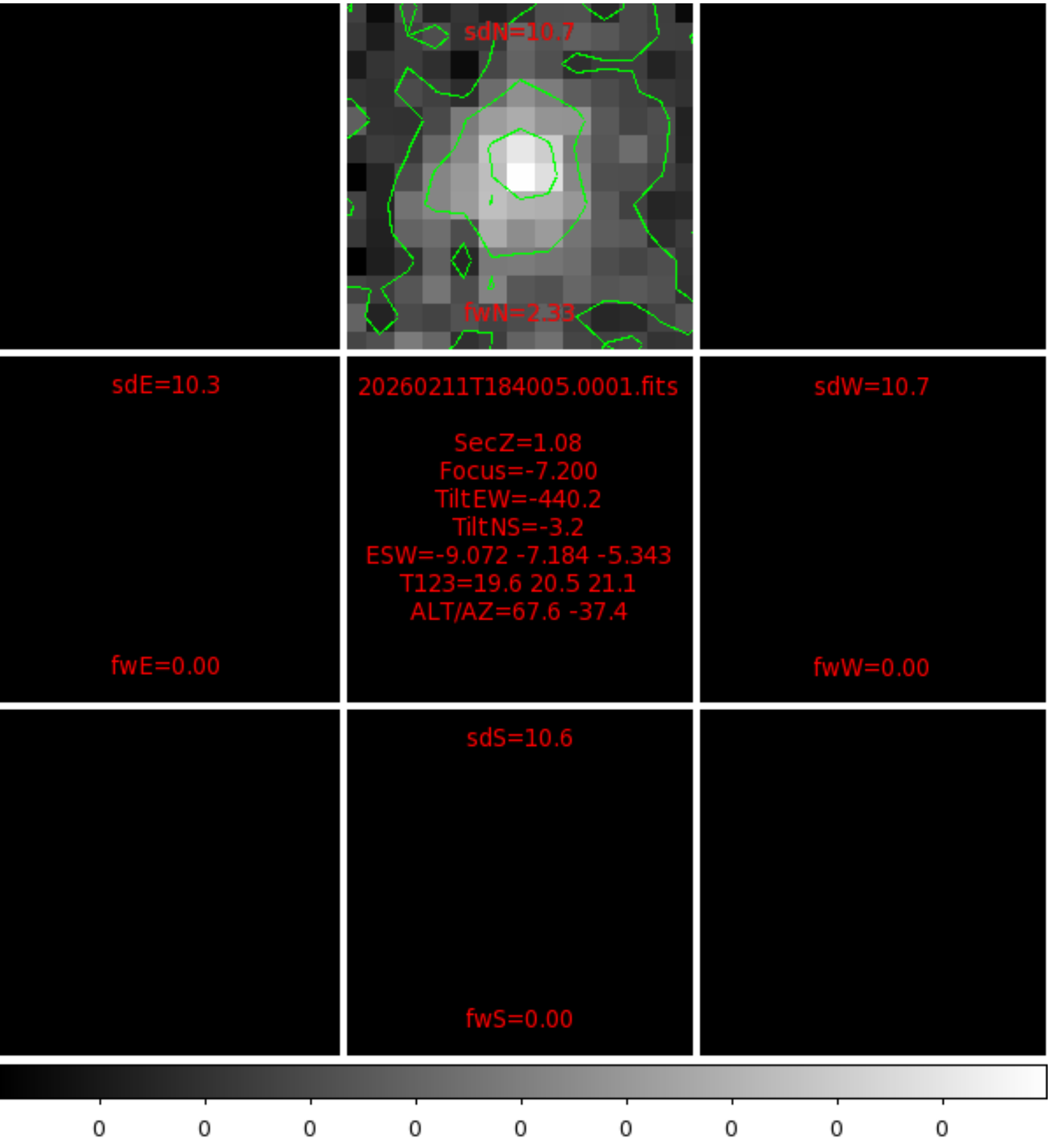
sdN=10.7
fwN=2.33
sdE=10.3
20260211T184005.0001.fits
SecZ=1.08
Focus=-7.200
TiltEW=-440.2
TiltNS=-3.2
ESW=-9.072 -7.184 -5.343
T123=19.6 20.5 21.1
ALT/AZ=67.6 -37.4
sdW=10.7
fwE=0.00
fwW=0.00
sdS=10.6
fwS=0.00
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