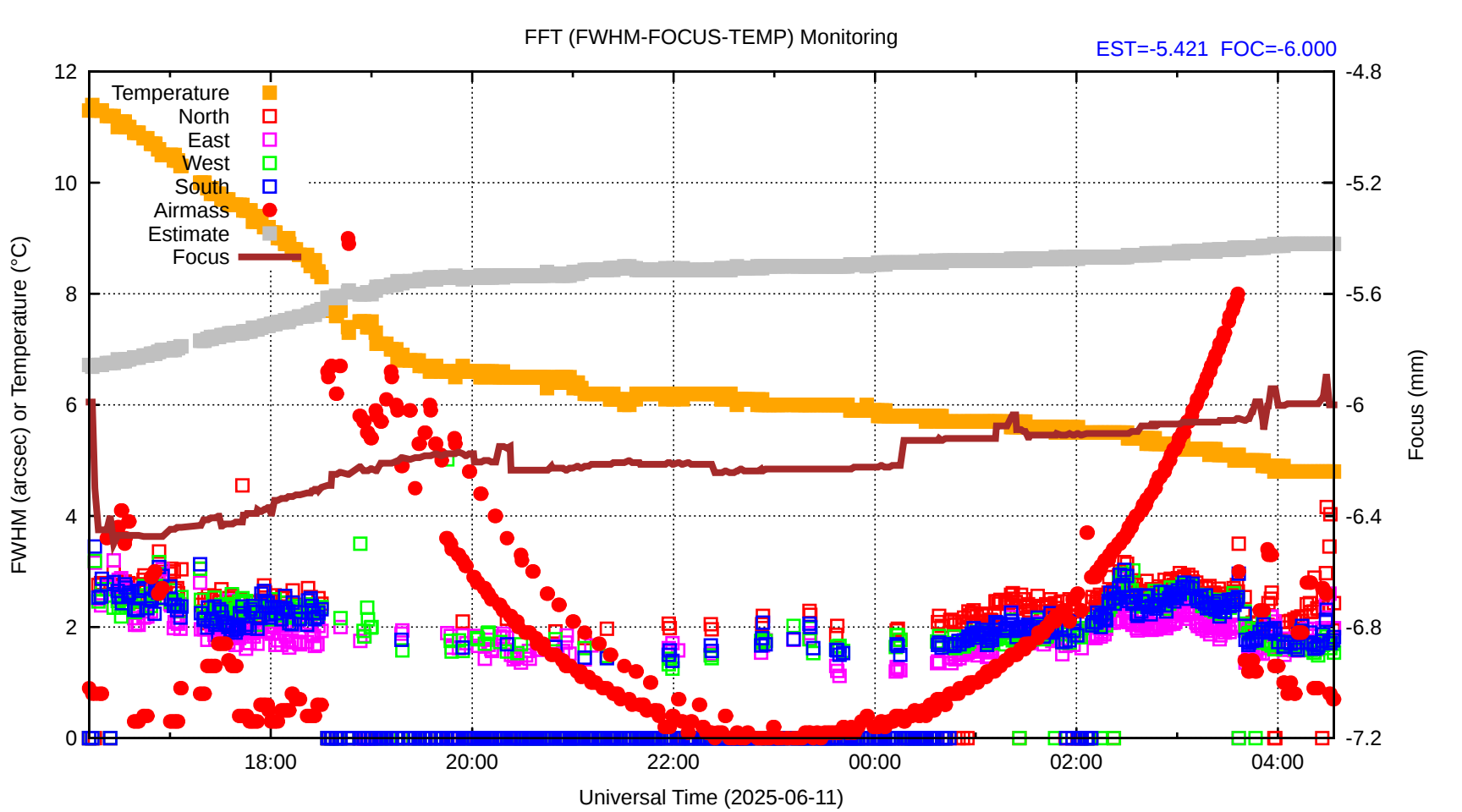
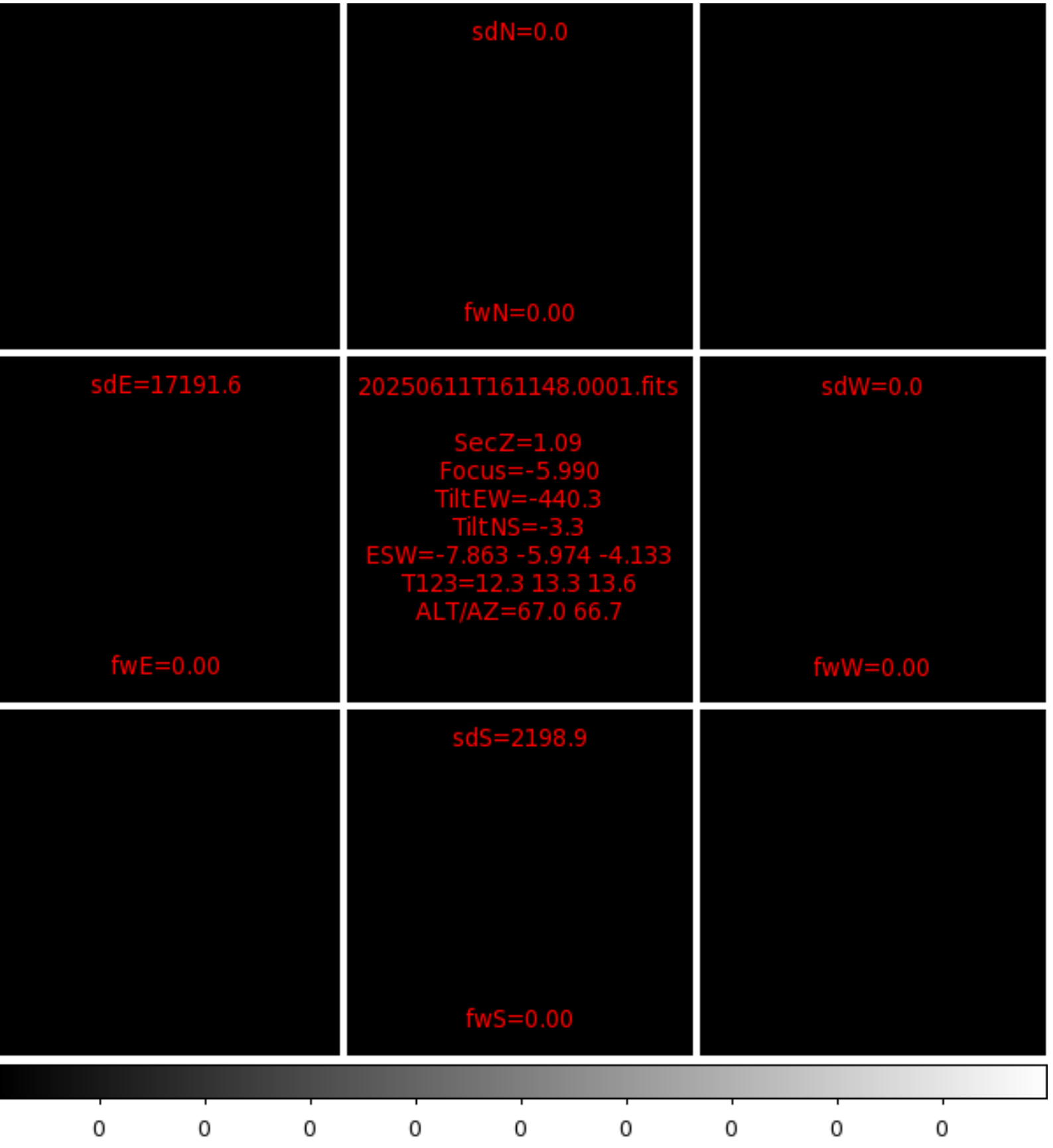
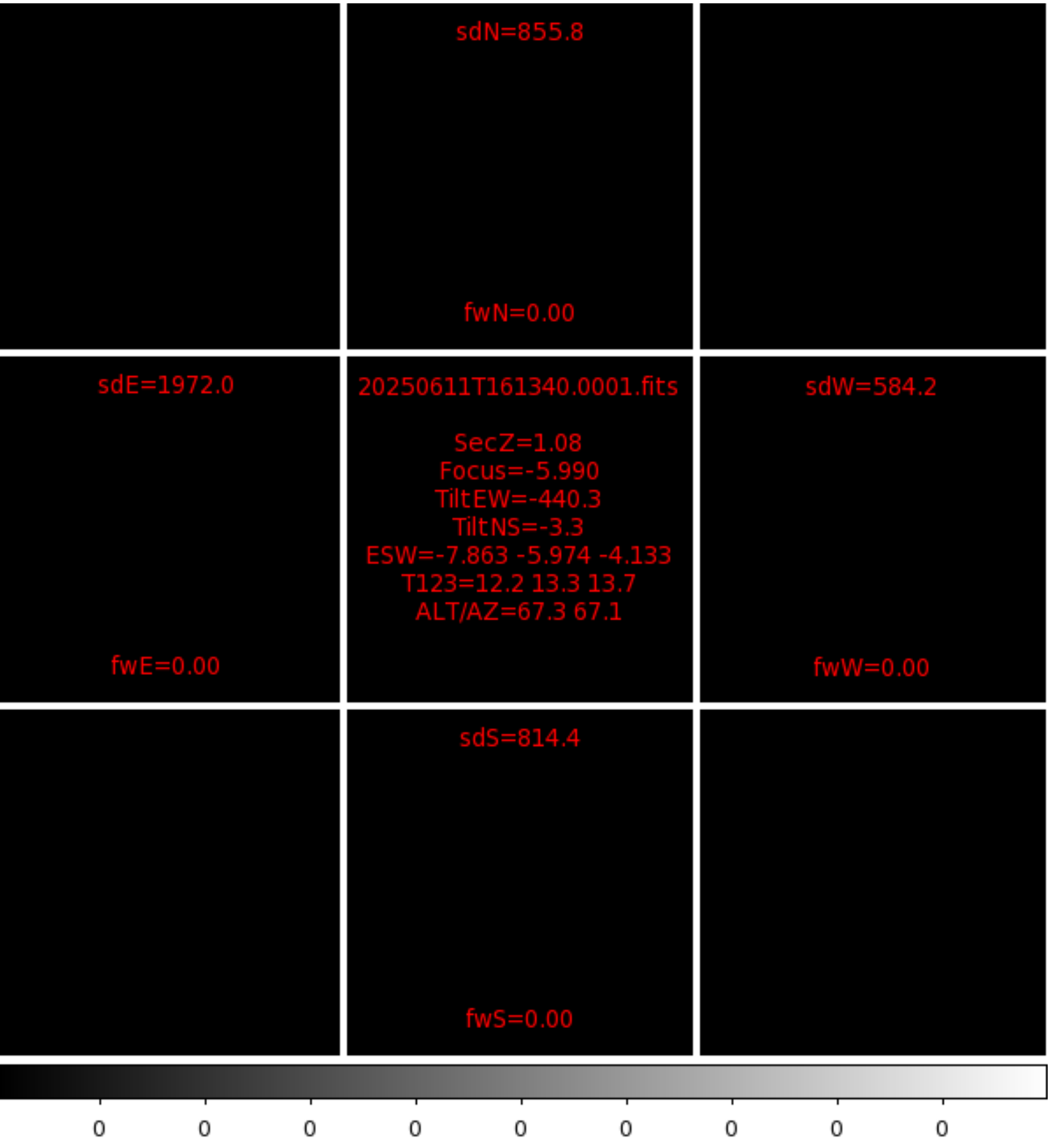
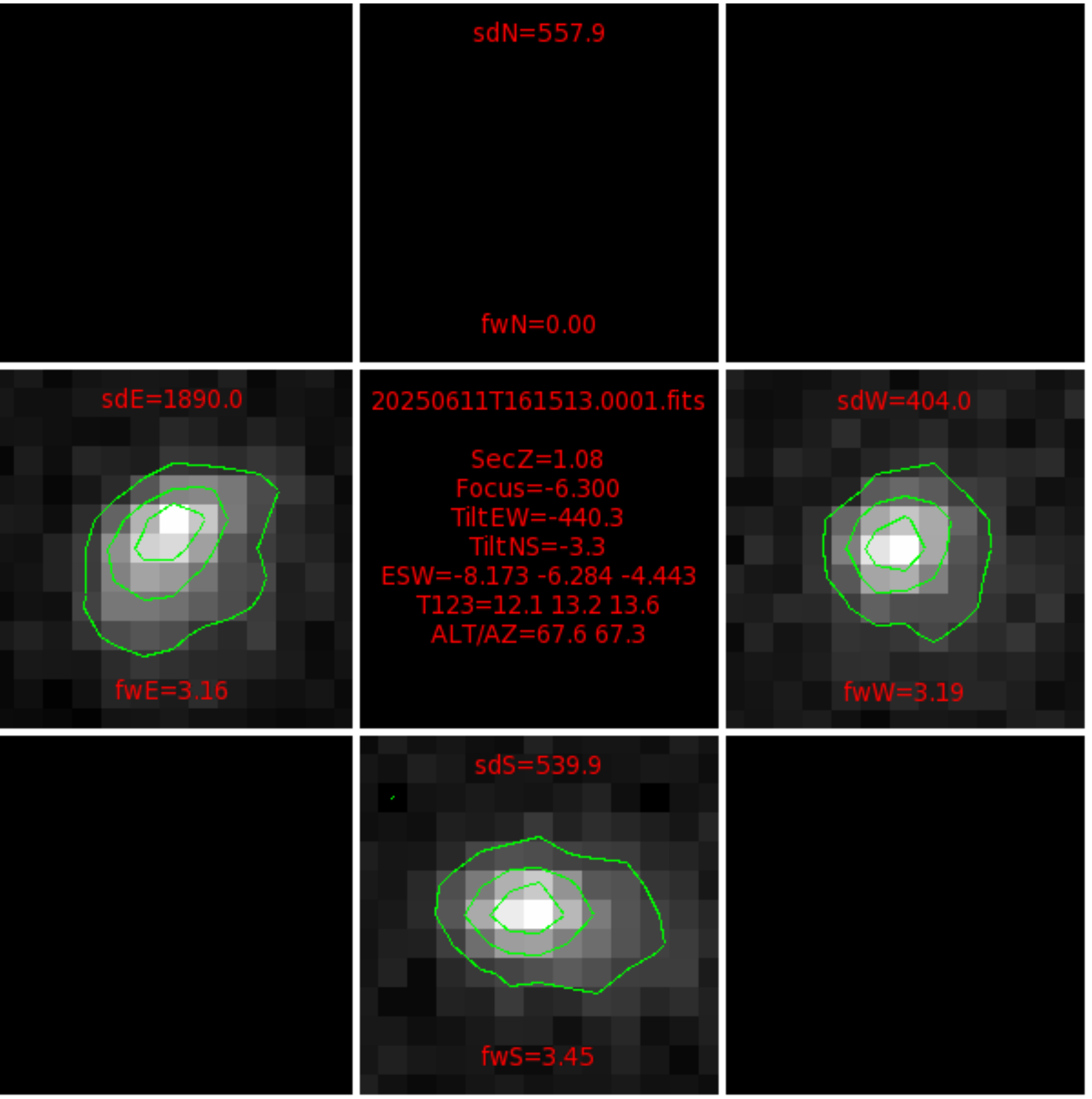

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-5.421 FOC=-6.000
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2025-06-11)
12
10
8
6
4
2
0
-4.8
-5.2
-5.6
-6
-6.4
-6.8
-7.2
18:00
20:00
22:00
00:00
02:00
04:00


sdN=0.0
fwN=0.00
sdE=17191.6
fwE=0.00
20250611T161148.0001.fits
SecZ=1.09
Focus=-5.990
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.863 -5.974 -4.133
T123=12.3 13.3 13.6
ALT/AZ=67.0 66.7
sdW=0.0
fwW=0.00
sdS=2198.9
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=855.8
fwN=0.00
sdE=1972.0
fwE=0.00
20250611T161340.0001.fits
SecZ=1.08
Focus=-5.990
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.863 -5.974 -4.133
T123=12.2 13.3 13.7
ALT/AZ=67.3 67.1
sdW=584.2
fwW=0.00
sdS=814.4
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=557.9
fwN=0.00
sdE=1890.0
20250611T161513.0001.fits
SecZ=1.08
Focus=-6.300
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.173 -6.284 -4.443
T123=12.1 13.2 13.6
ALT/AZ=67.6 67.3
sdW=404.0
fwE=3.16
fwW=3.19
sdS=539.9
fwS=3.45
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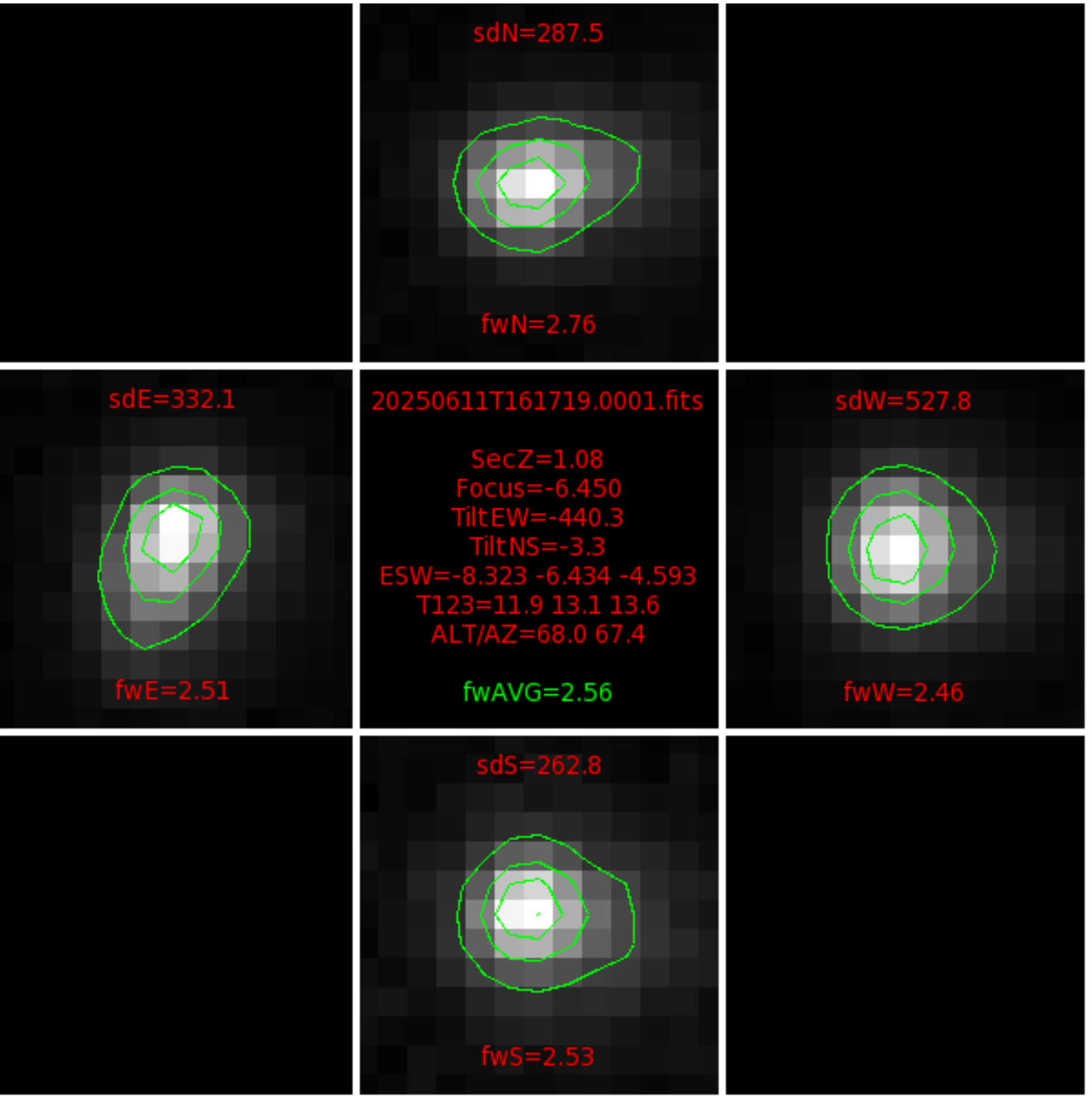
sdN=287.5
fwN=2.76
sdE=332.1
fwE=2.51
20250611T161719.0001.fits
SecZ=1.08
Focus=-6.450
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.323 -6.434 -4.593
T123=11.9 13.1 13.6
ALT/AZ=68.0 67.4
fwAVG=2.56
sdW=527.8
fwW=2.46
sdS=262.8
fwS=2.53
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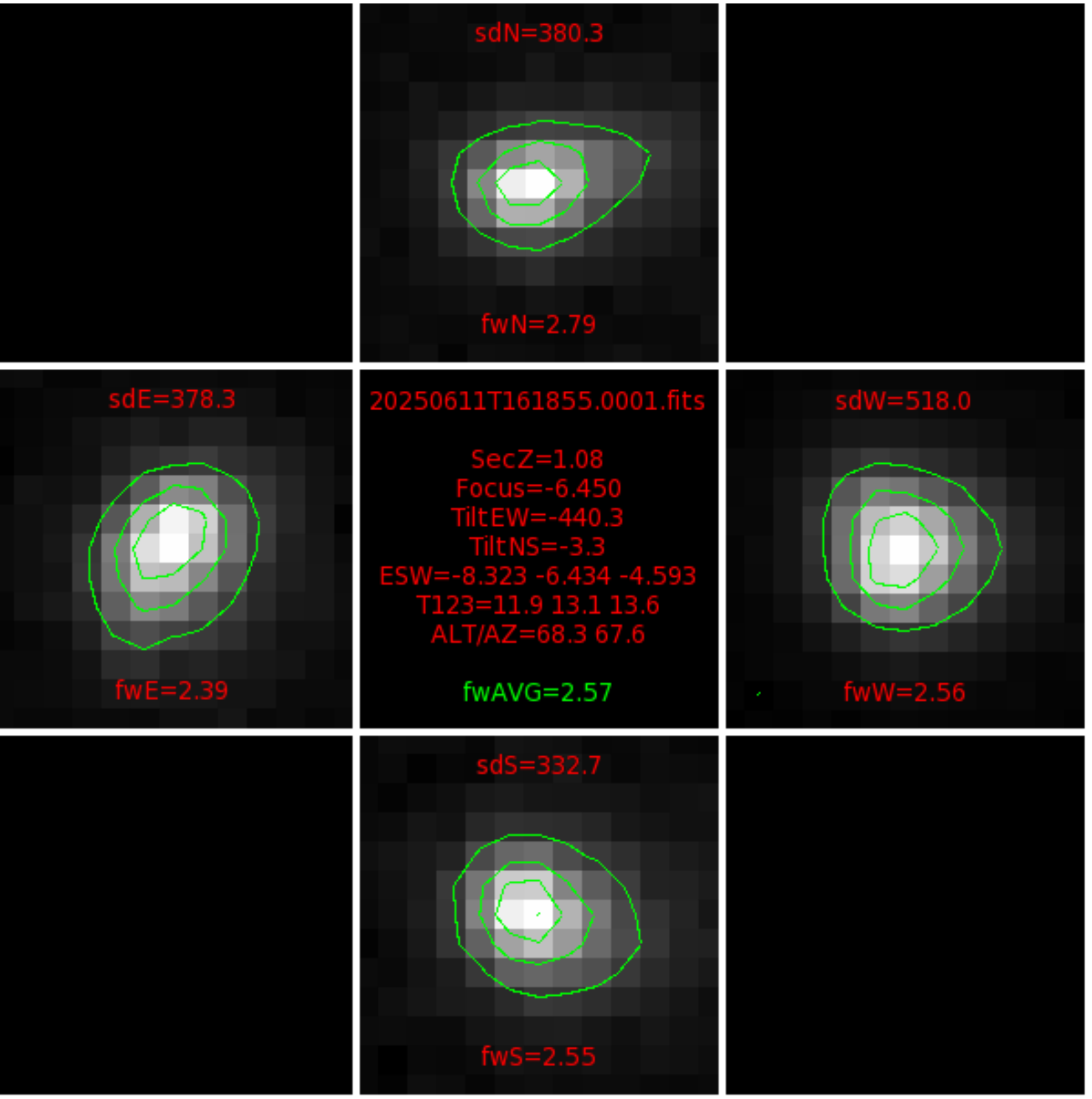
sdN=380.3
fwN=2.79
sdE=378.3
fwE=2.39
20250611T161855.0001.fits
SecZ=1.08
Focus=-6.450
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.323 -6.434 -4.593
T123=11.9 13.1 13.6
ALT/AZ=68.3 67.6
fwAVG=2.57
sdW=518.0
fwW=2.56
sdS=332.7
fwS=2.55
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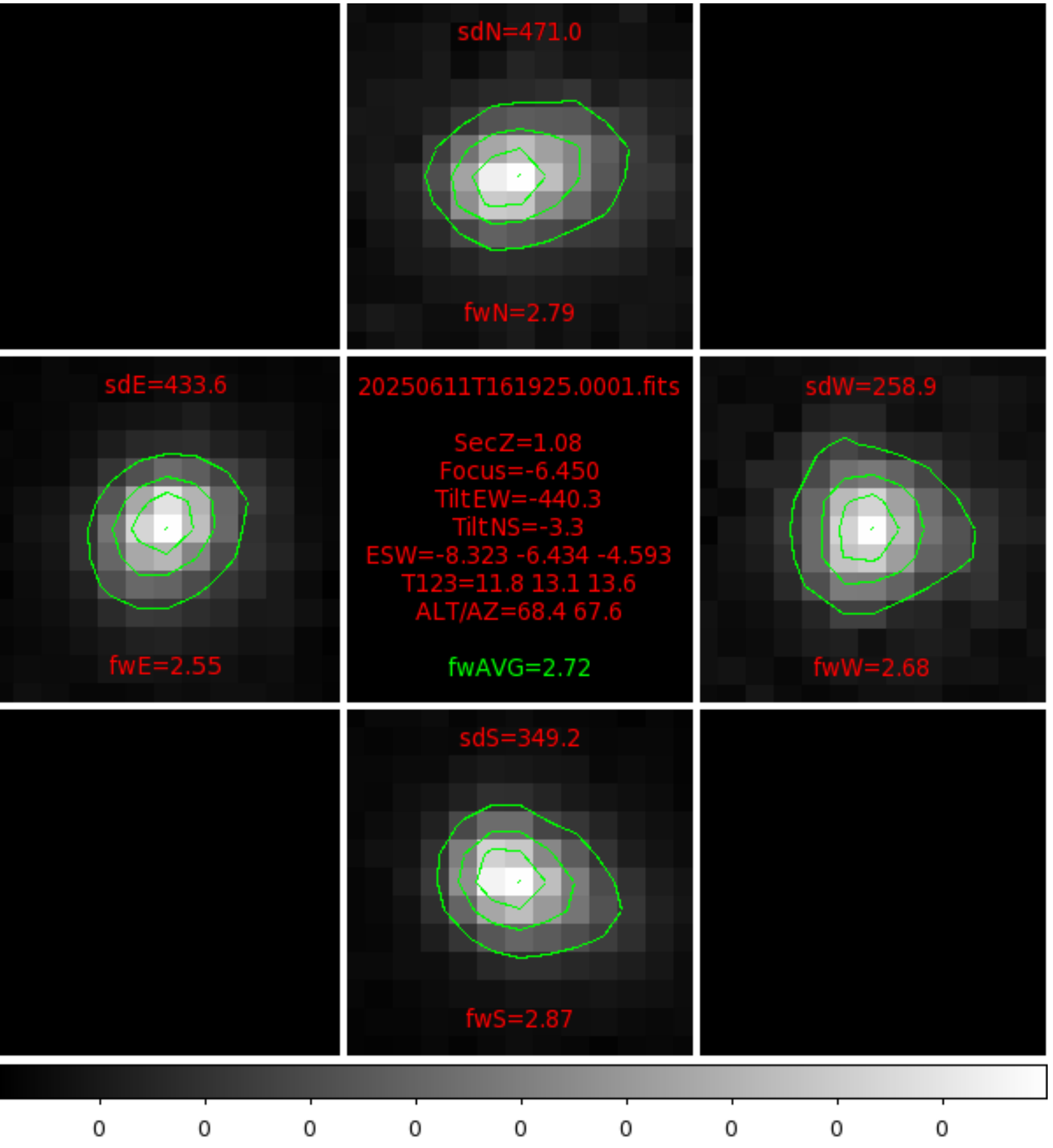
sdN=471.0
fwN=2.79
sdE=433.6
fwE=2.55
20250611T161925.0001.fits
SecZ=1.08
Focus=-6.450
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.323 -6.434 -4.593
T123=11.8 13.1 13.6
ALT/AZ=68.4 67.6
fwAVG=2.72
sdW=258.9
fwW=2.68
sdS=349.2
fwS=2.87
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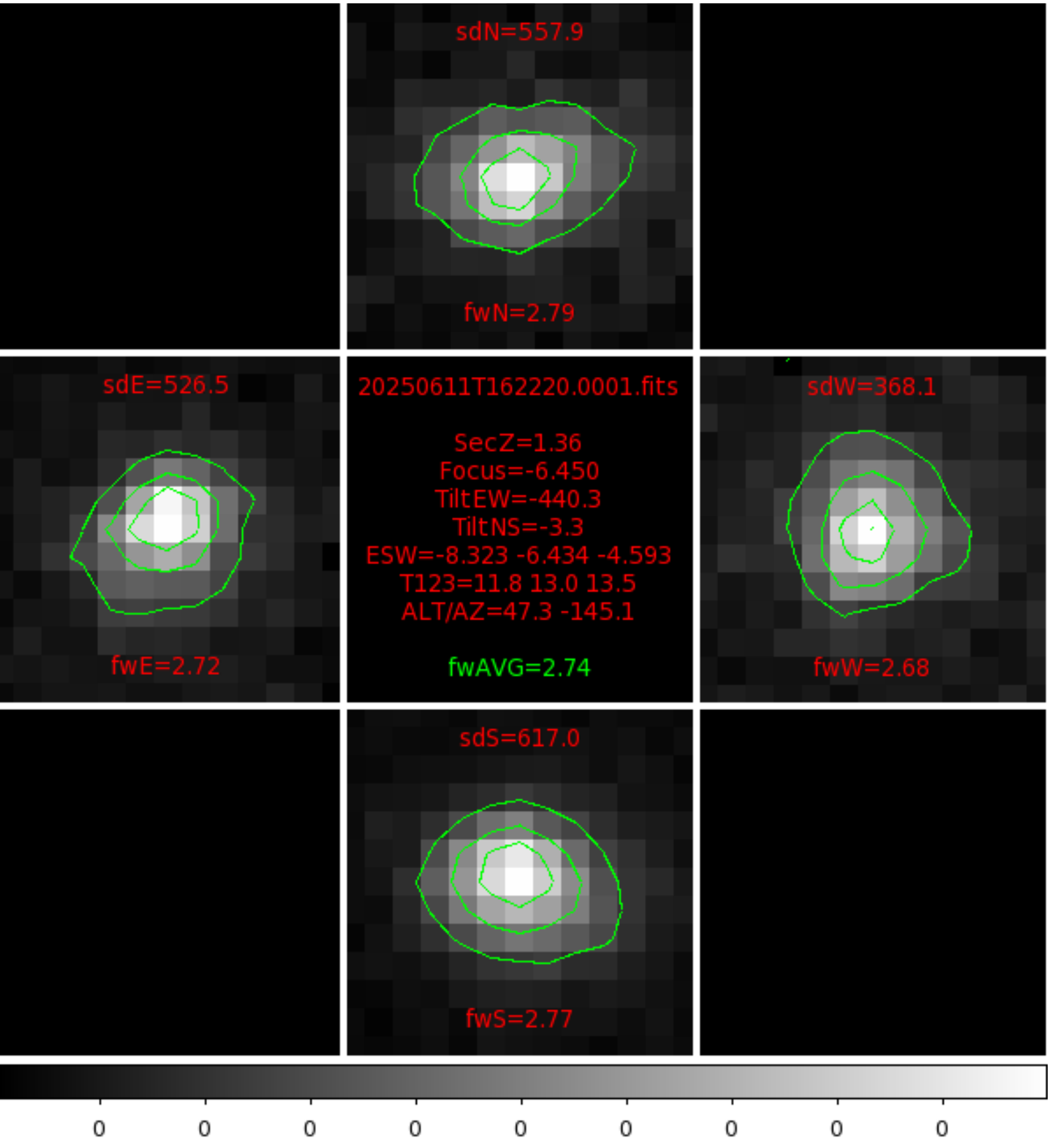
sdN=557.9
fwN=2.79
sdE=526.5
fwE=2.72
20250611T162220.0001.fits
SecZ=1.36
Focus=-6.450
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.323 -6.434 -4.593
T123=11.8 13.0 13.5
ALT/AZ=47.3 -145.1
fwAVG=2.74
sdW=368.1
fwW=2.68
sdS=617.0
fwS=2.77
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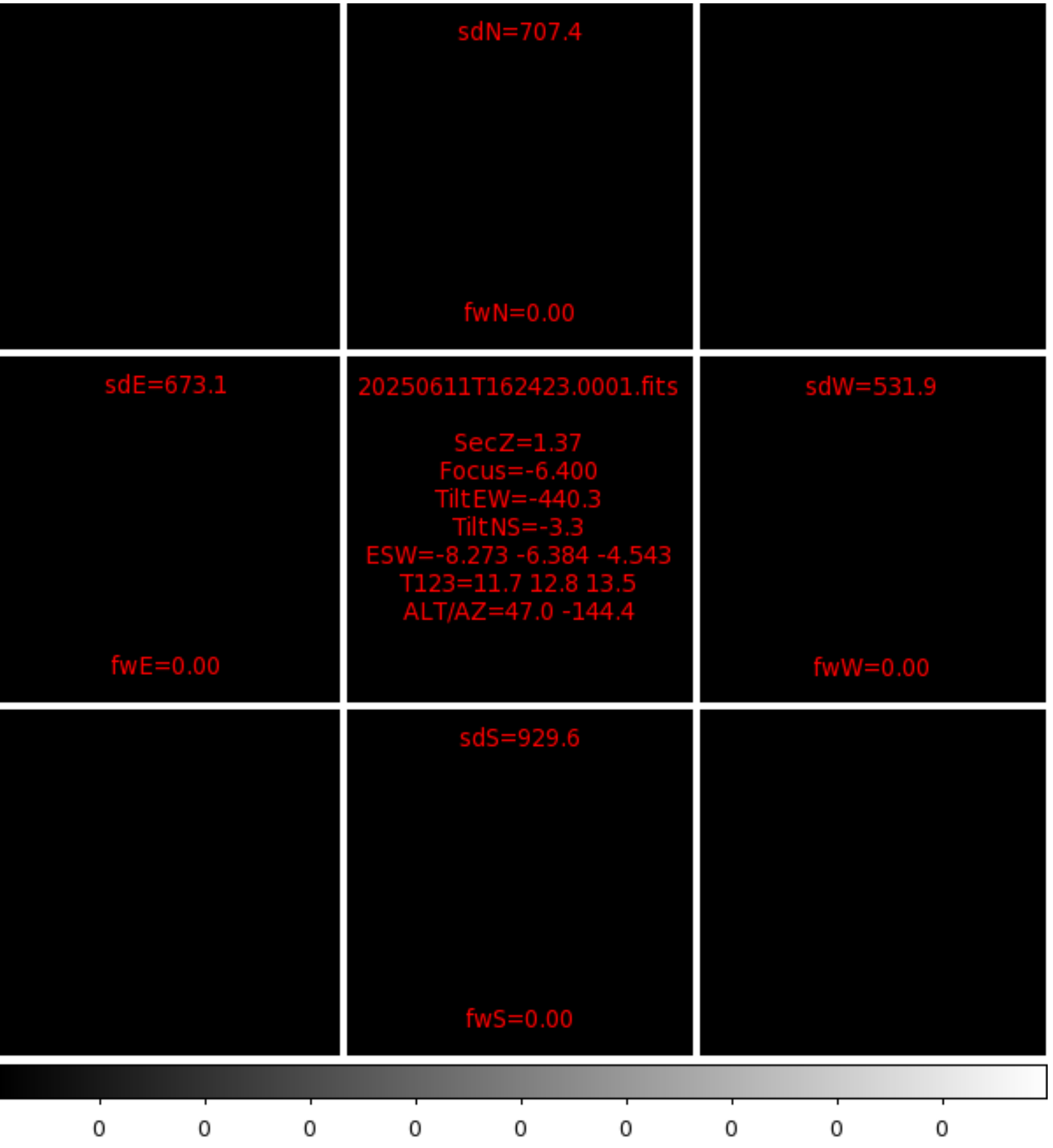
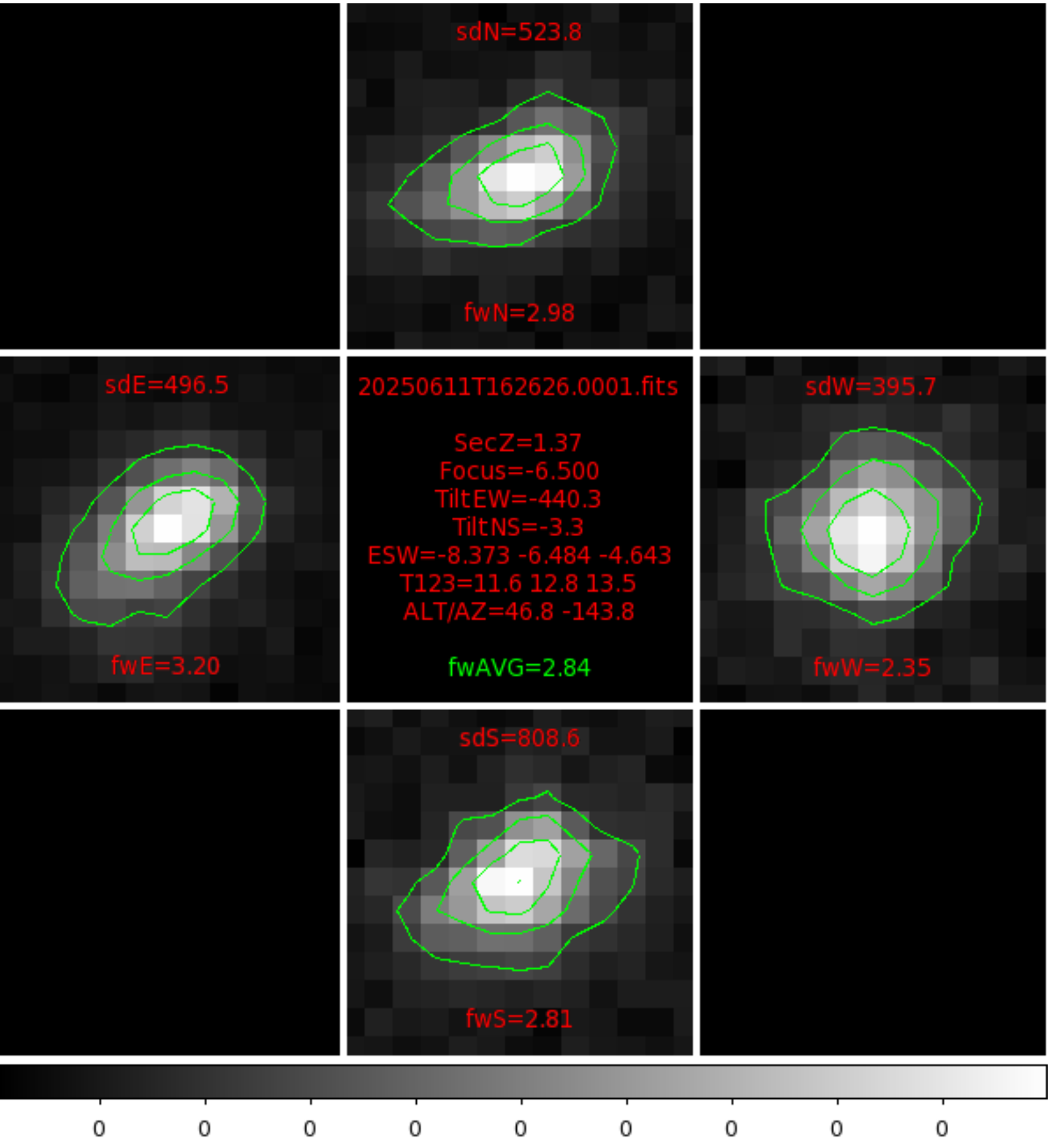

sdN=707.4
fwN=0.00
sdE=673.1
fwE=0.00
20250611T162423.0001.fits
SecZ=1.37
Focus=-6.400
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.273 -6.384 -4.543
T123=11.7 12.8 13.5
ALT/AZ=47.0 -144.4
sdW=531.9
fwW=0.00
sdS=929.6
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=523.8
fwN=2.98
sdE=496.5
fwE=3.20
20250611T162626.0001.fits
SecZ=1.37
Focus=-6.500
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.373 -6.484 -4.643
T123=11.6 12.8 13.5
ALT/AZ=46.8 -143.8
fwAVG=2.84
sdW=395.7
fwW=2.35
sdS=808.6
fwS=2.81
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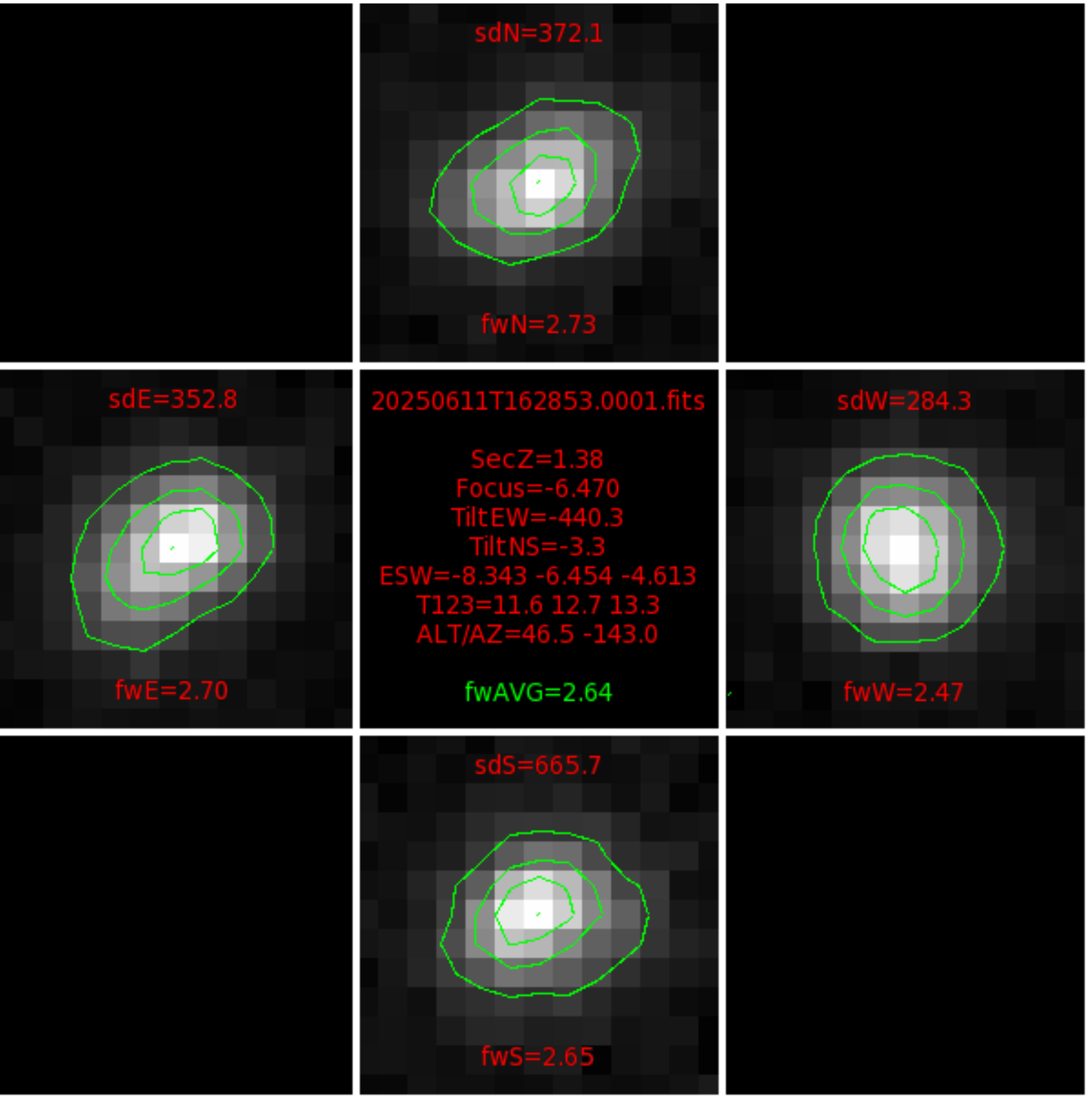
sdN=372.1
fwN=2.73
sdE=352.8
fwE=2.70
20250611T162853.0001.fits
SecZ=1.38
Focus=-6.470
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.343 -6.454 -4.613
T123=11.6 12.7 13.3
ALT/AZ=46.5 -143.0
fwAVG=2.64
sdW=284.3
fwW=2.47
sdS=665.7
fwS=2.65
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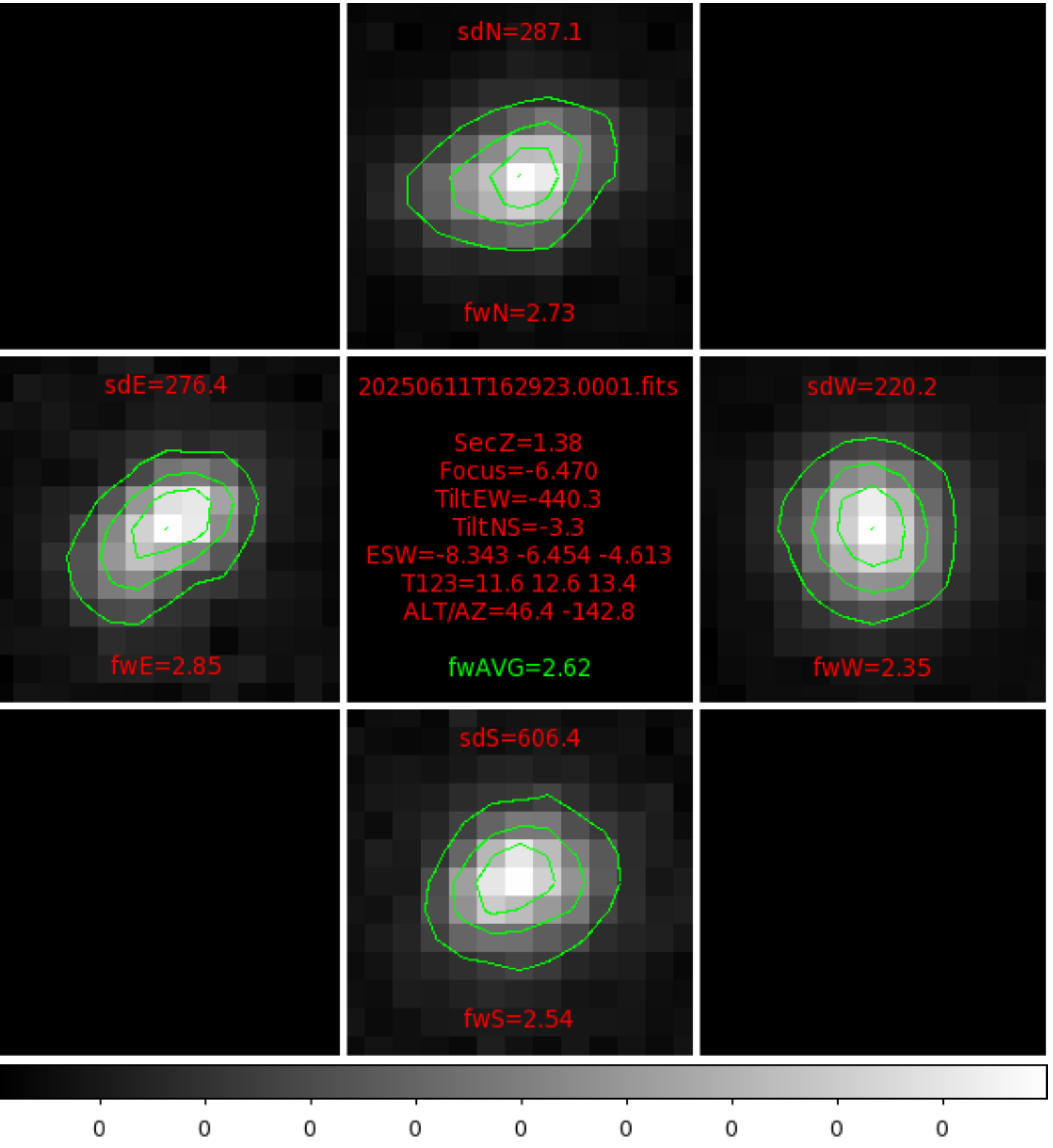
sdN=287.1
fwN=2.73
sdE=276.4
fwE=2.85
20250611T162923.0001.fits
SecZ=1.38
Focus=-6.470
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.343 -6.454 -4.613
T123=11.6 12.6 13.4
ALT/AZ=46.4 -142.8
fwAVG=2.62
sdW=220.2
fwW=2.35
sdS=606.4
fwS=2.54
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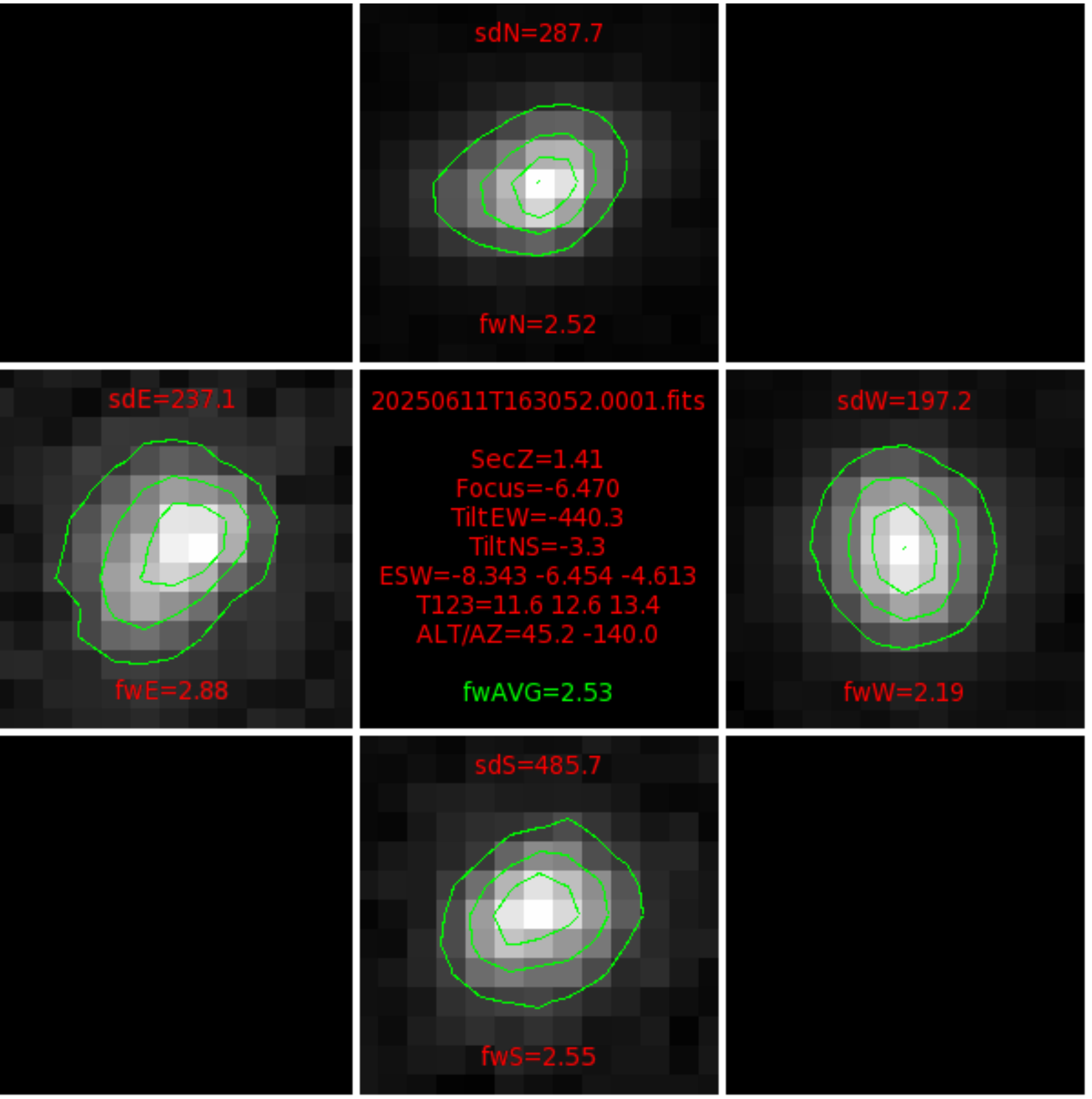
sdN=287.7
fwN=2.52
sdE=237.1
fwE=2.88
20250611T163052.0001.fits
SecZ=1.41
Focus=-6.470
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.343 -6.454 -4.613
T123=11.6 12.6 13.4
ALT/AZ=45.2 -140.0
fwAVG=2.53
sdW=197.2
fwW=2.19
sdS=485.7
fwS=2.55
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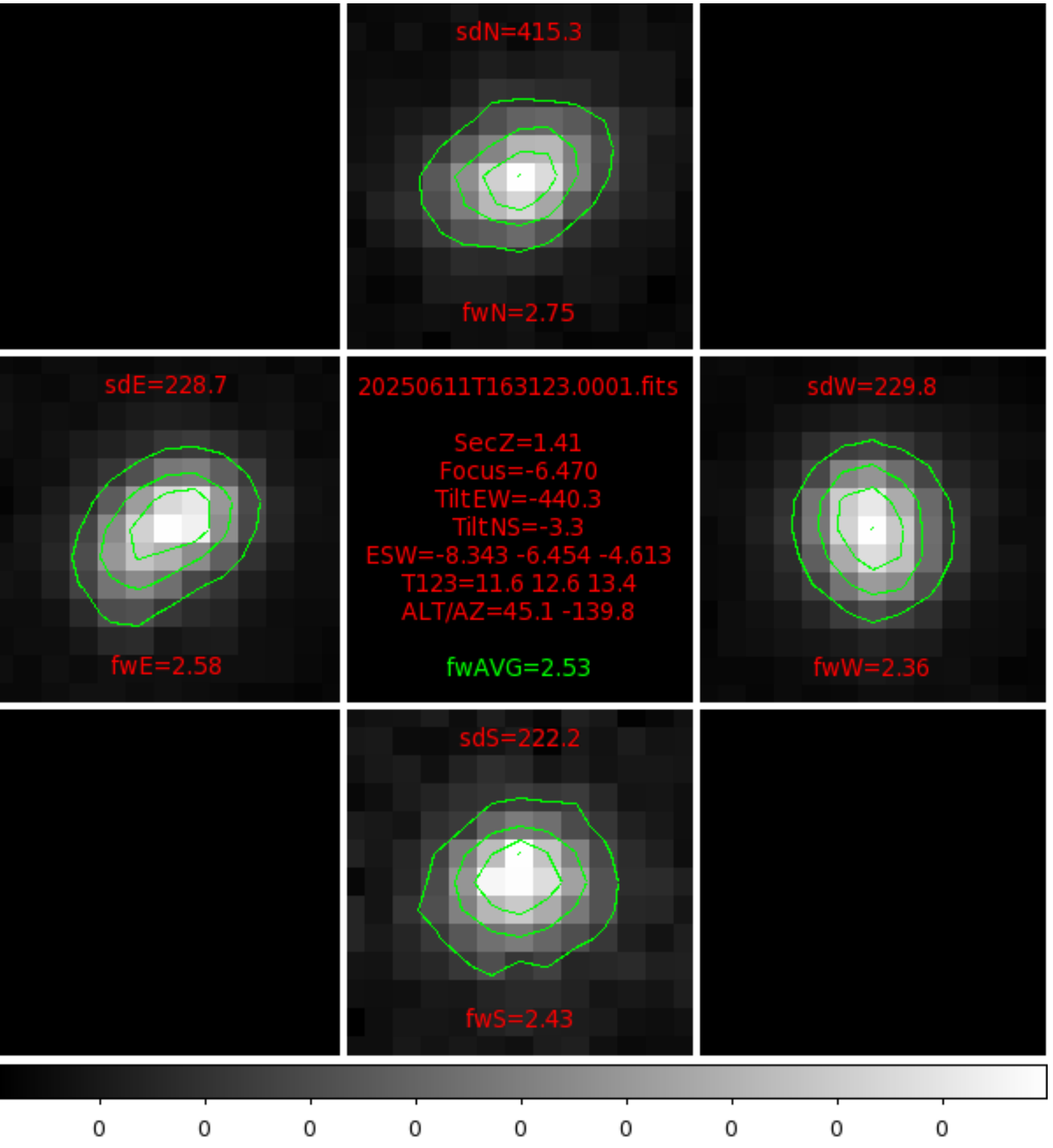
sdN=415.3
fwN=2.75
sdE=228.7
fwE=2.58
20250611T163123.0001.fits
SecZ=1.41
Focus=-6.470
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.343 -6.454 -4.613
T123=11.6 12.6 13.4
ALT/AZ=45.1 -139.8
fwAVG=2.53
sdW=229.8
fwW=2.36
sdS=222.2
fwS=2.43
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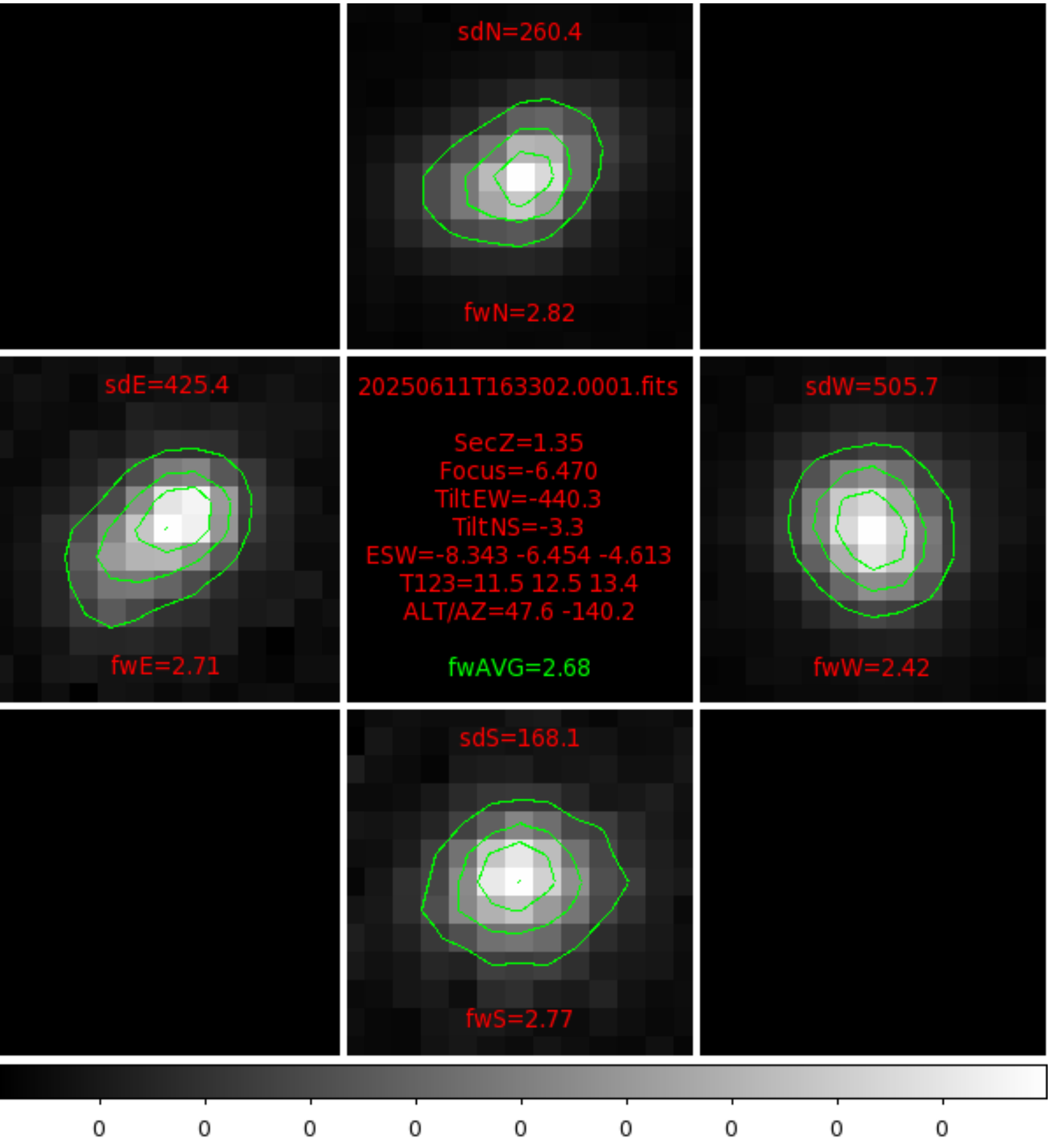
sdN=260.4
fwN=2.82
sdE=425.4
fwE=2.71
20250611T163302.0001.fits
SecZ=1.35
Focus=-6.470
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.343 -6.454 -4.613
T123=11.5 12.5 13.4
ALT/AZ=47.6 -140.2
fwAVG=2.68
sdW=505.7
fwW=2.42
sdS=168.1
fwS=2.77
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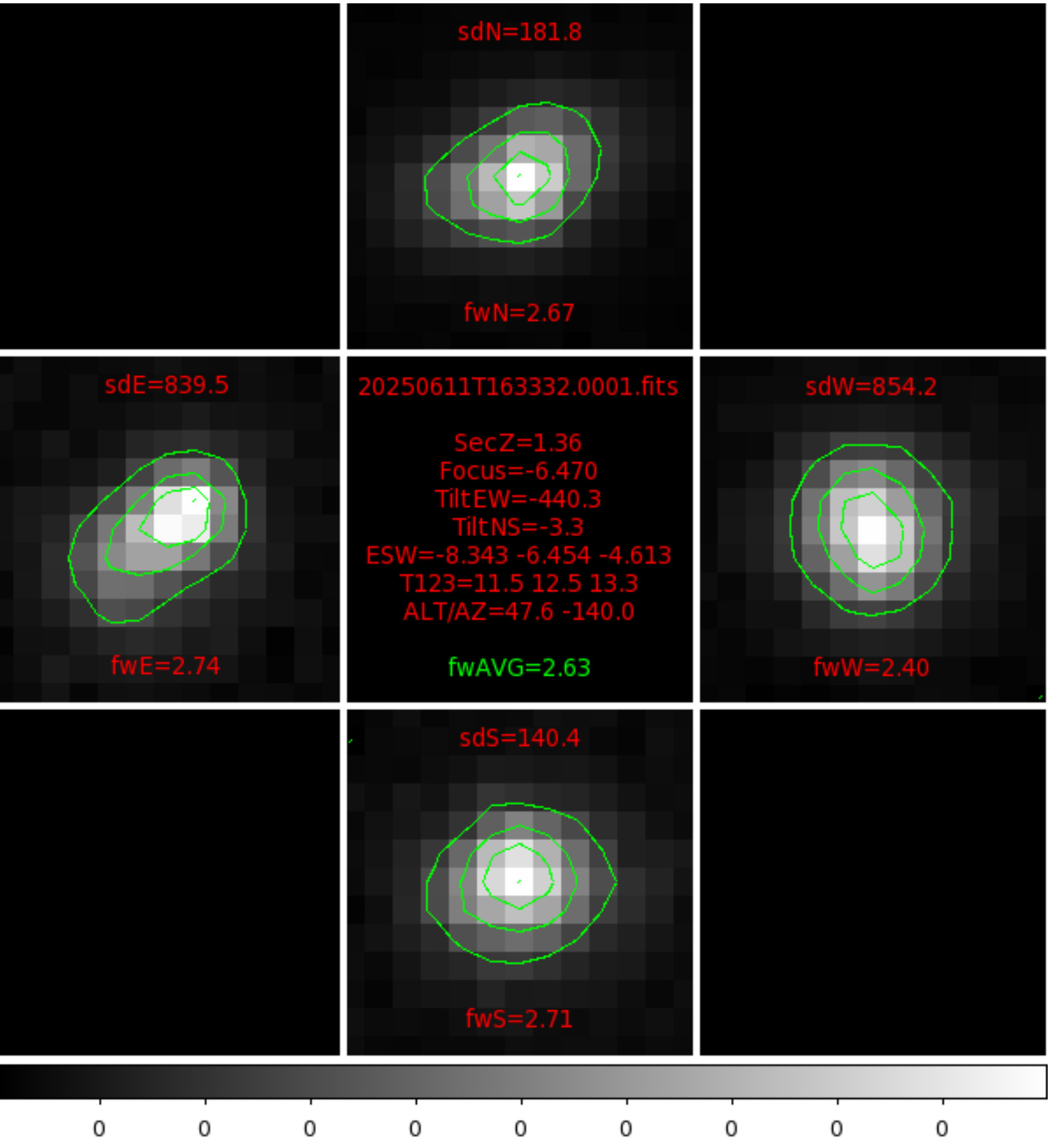
sdN=181.8
fwN=2.67
sdE=839.5
fwE=2.74
20250611T163332.0001.fits
SecZ=1.36
Focus=-6.470
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.343 -6.454 -4.613
T123=11.5 12.5 13.3
ALT/AZ=47.6 -140.0
fwAVG=2.63
sdW=854.2
fwW=2.40
sdS=140.4
fwS=2.71
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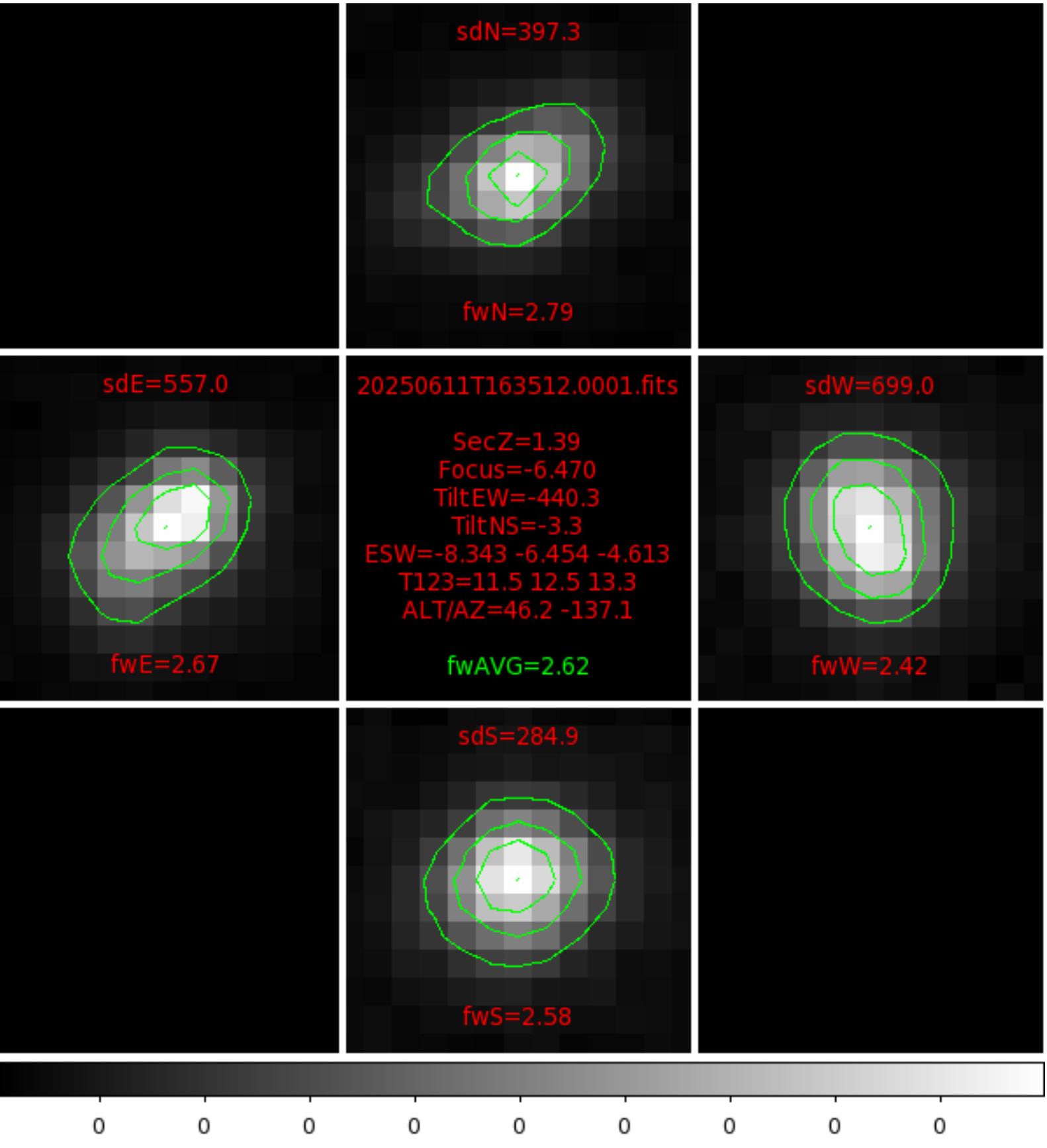
sdN=397.3
fwN=2.79
sdE=557.0
fwE=2.67
20250611T163512.0001.fits
SecZ=1.39
Focus=-6.470
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.343 -6.454 -4.613
T123=11.5 12.5 13.3
ALT/AZ=46.2 -137.1
fwAVG=2.62
sdW=699.0
fwW=2.42
sdS=284.9
fwS=2.58
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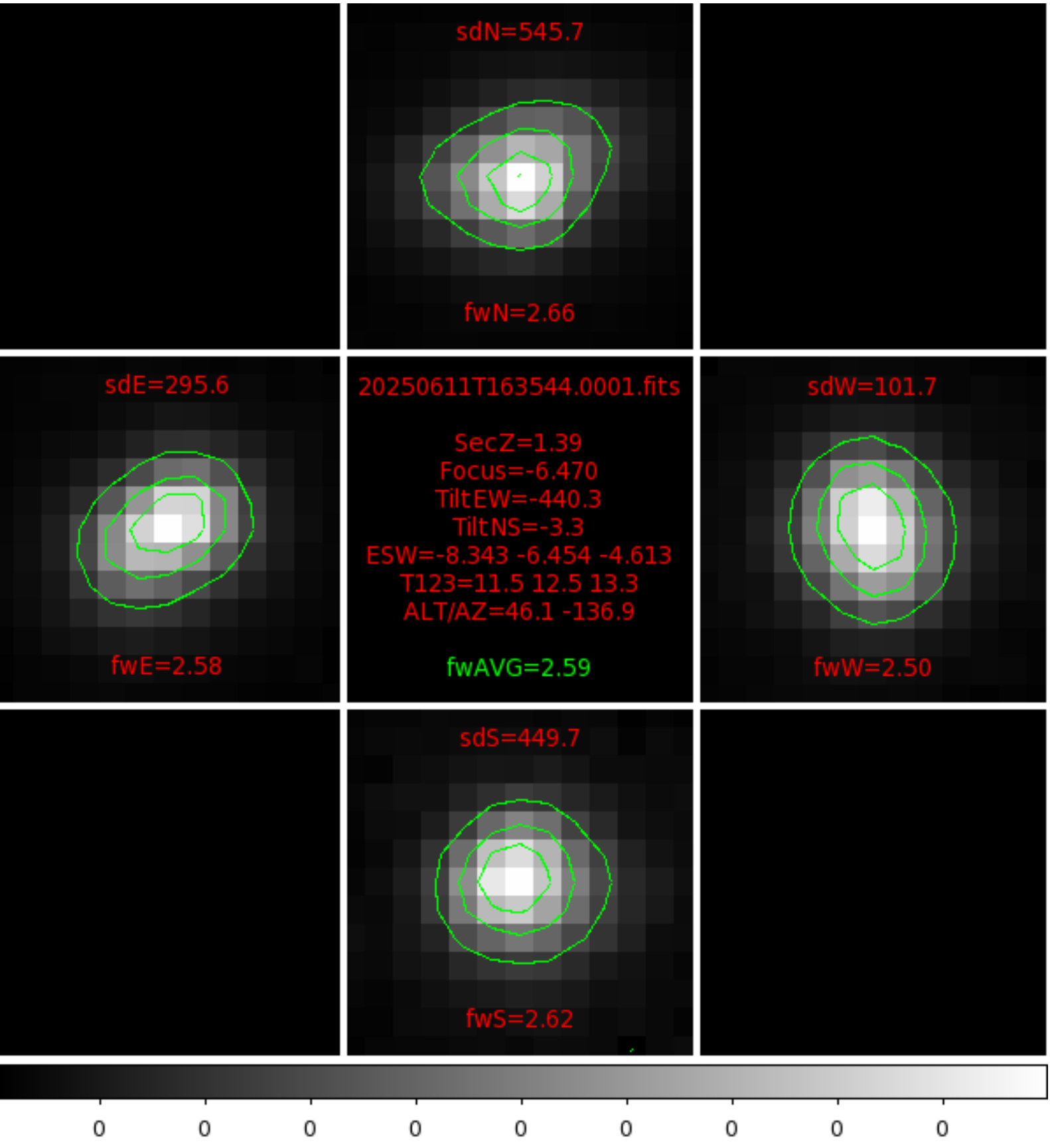
sdN=545.7
fwN=2.66
sdE=295.6
fwE=2.58
20250611T163544.0001.fits
SecZ=1.39
Focus=-6.470
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.343 -6.454 -4.613
T123=11.5 12.5 13.3
ALT/AZ=46.1 -136.9
fwAVG=2.59
sdW=101.7
fwW=2.50
sdS=449.7
fwS=2.62
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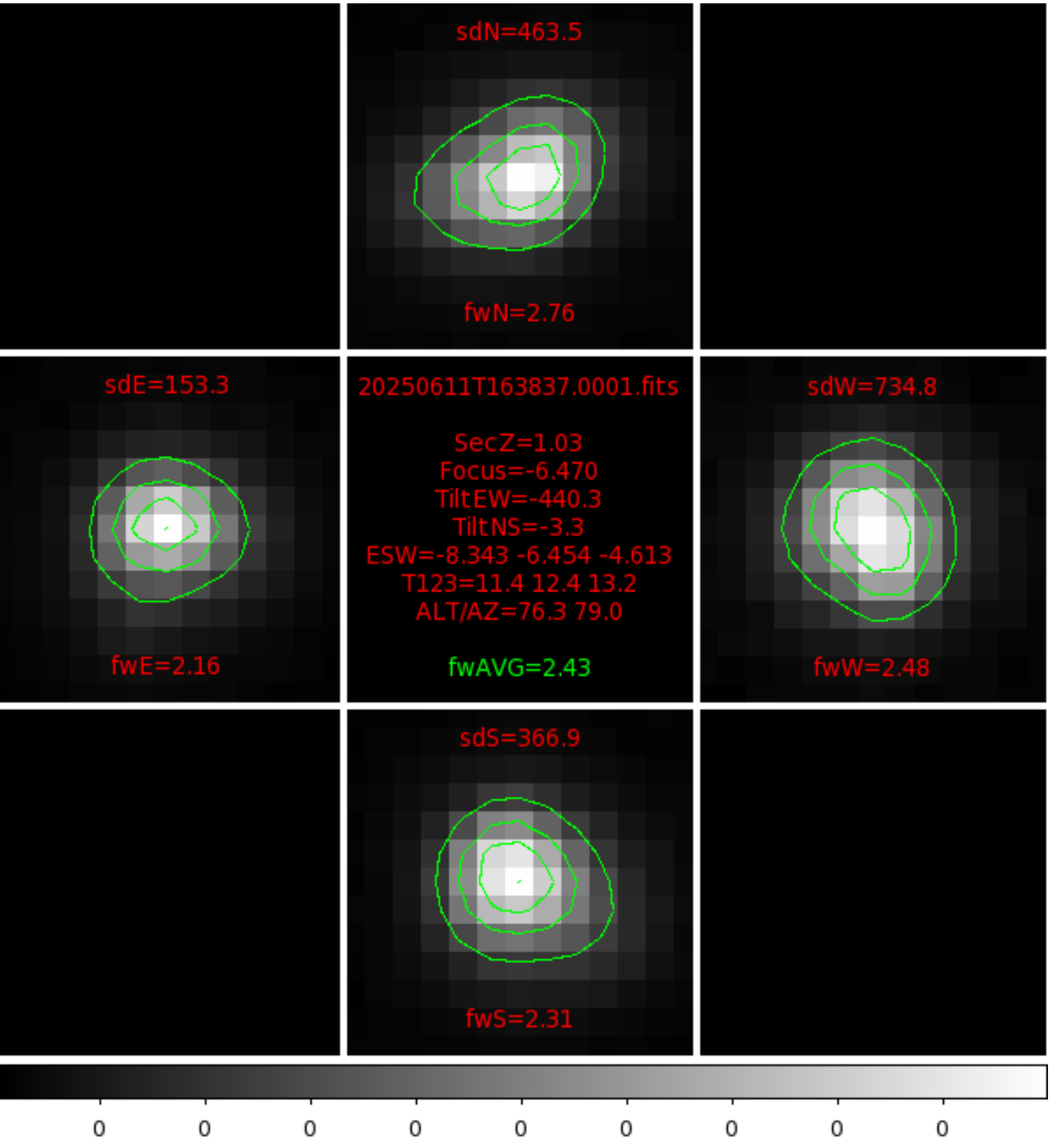
sdN=463.5
fwN=2.76
sdE=153.3
fwE=2.16
20250611T163837.0001.fits
SecZ=1.03
Focus=-6.470
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.343 -6.454 -4.613
T123=11.4 12.4 13.2
ALT/AZ=76.3 79.0
fwAVG=2.43
sdW=734.8
fwW=2.48
sdS=366.9
fwS=2.31
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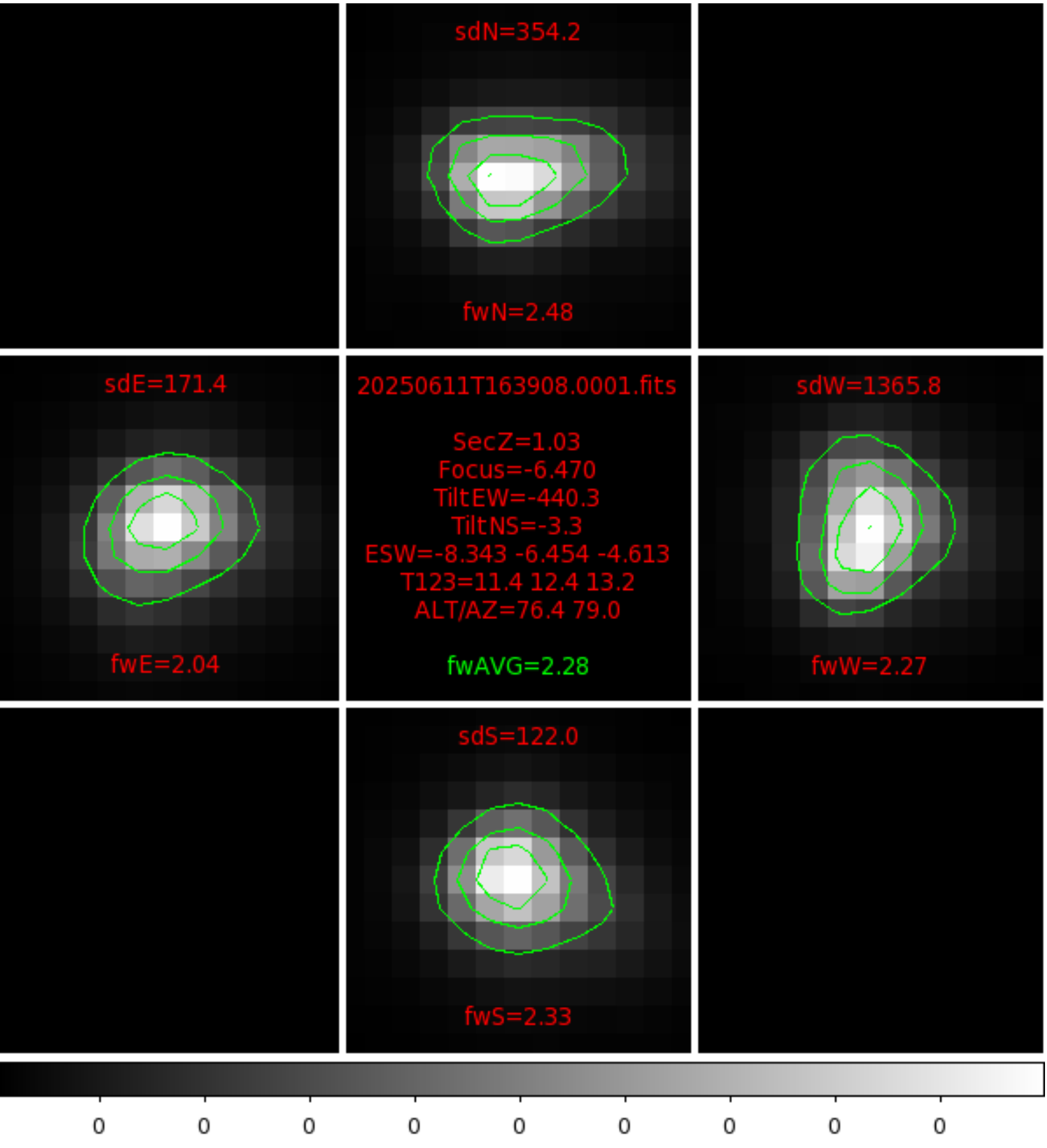
sdN=354.2
fwN=2.48
sdE=171.4
fwE=2.04
20250611T163908.0001.fits
SecZ=1.03
Focus=-6.470
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.343 -6.454 -4.613
T123=11.4 12.4 13.2
ALT/AZ=76.4 79.0
fwAVG=2.28
sdW=1365.8
fwW=2.27
sdS=122.0
fwS=2.33
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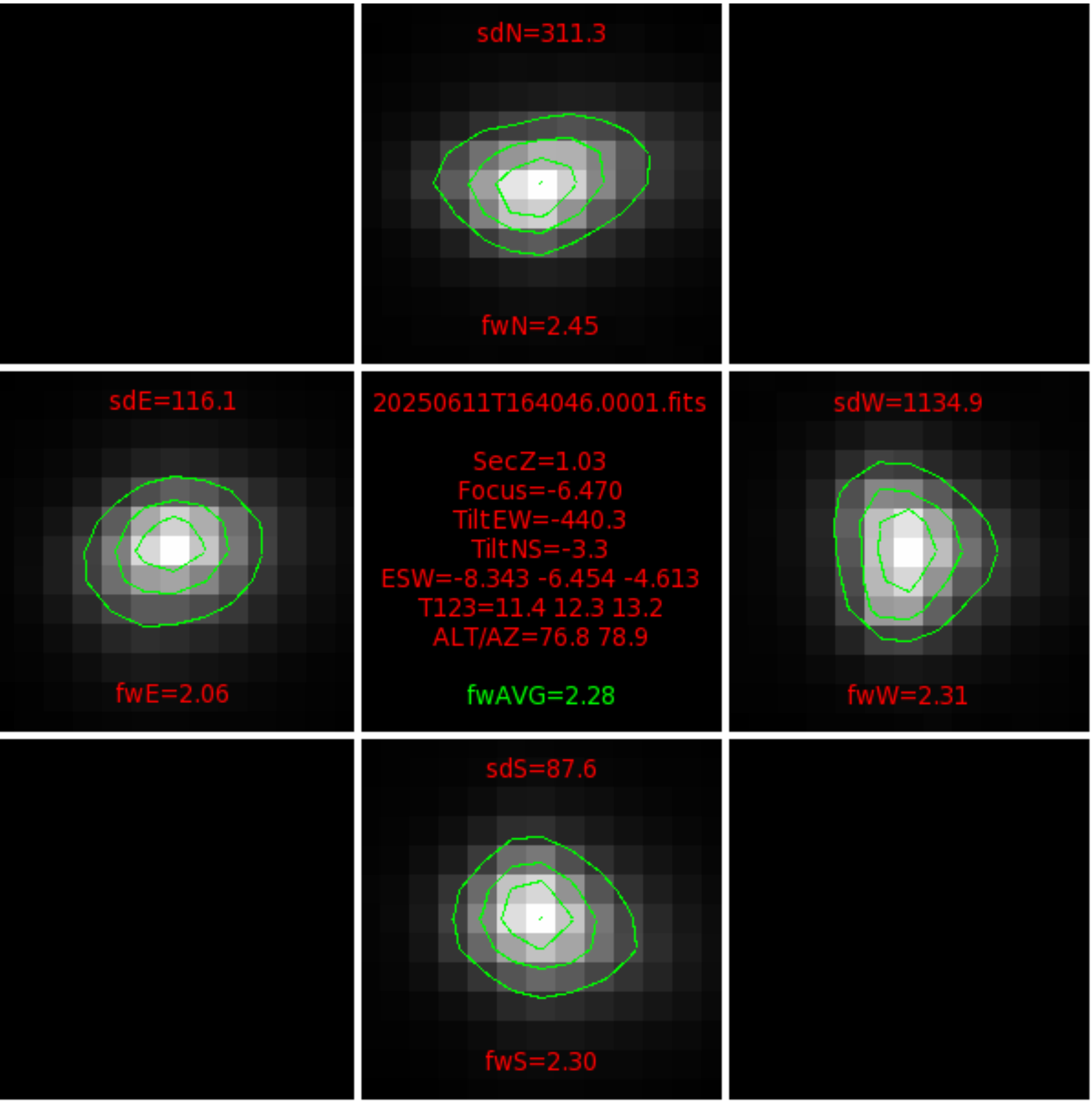
sdN=311.3
fwN=2.45
sdE=116.1
fwE=2.06
20250611T164046.0001.fits
SecZ=1.03
Focus=-6.470
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.343 -6.454 -4.613
T123=11.4 12.3 13.2
ALT/AZ=76.8 78.9
fwAVG=2.28
sdW=1134.9
fwW=2.31
sdS=87.6
fwS=2.30
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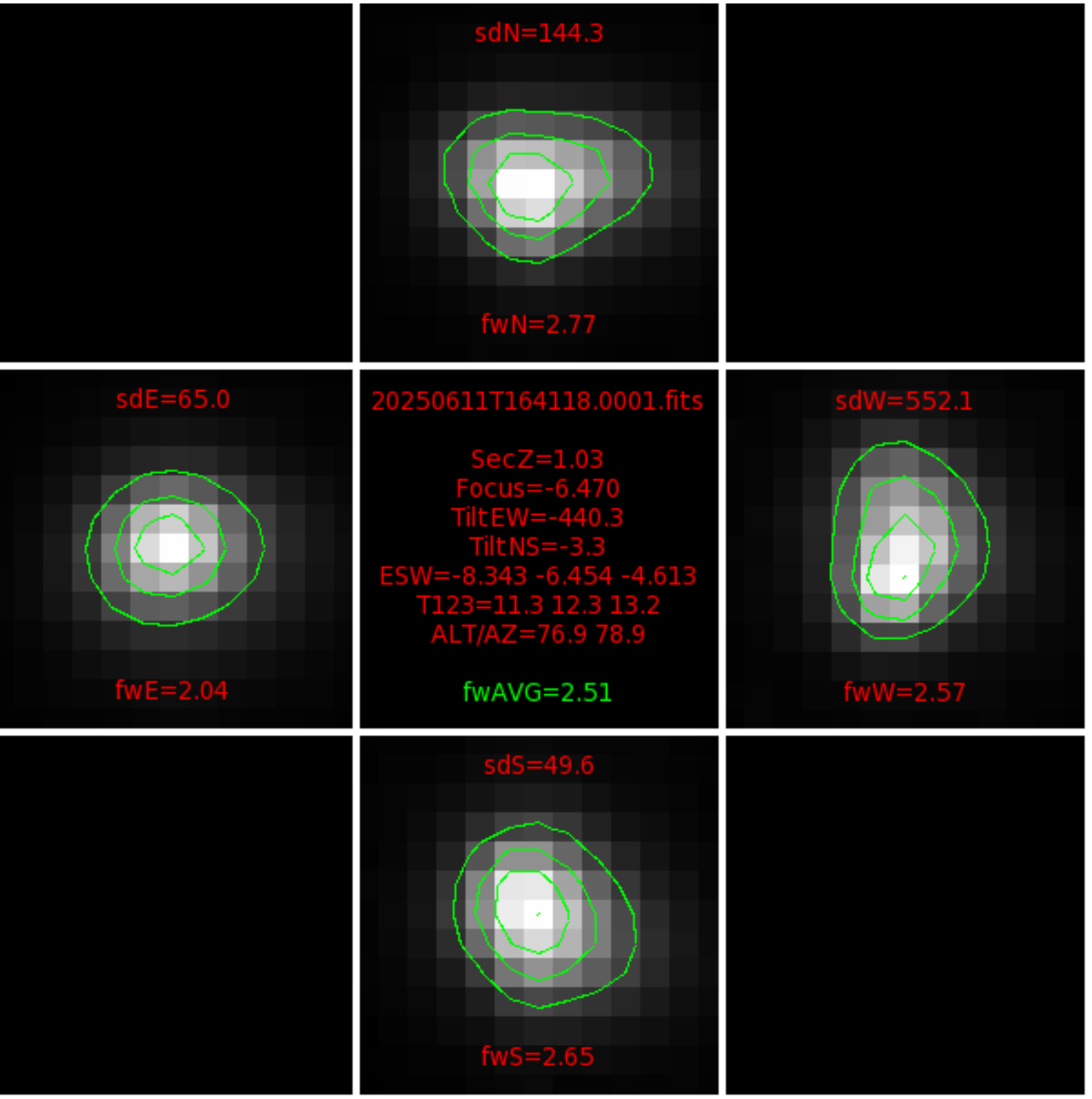
sdN=144.3
fwN=2.77
sdE=65.0
fwE=2.04
20250611T164118.0001.fits
SecZ=1.03
Focus=-6.470
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.343 -6.454 -4.613
T123=11.3 12.3 13.2
ALT/AZ=76.9 78.9
fwAVG=2.51
sdW=552.1
fwW=2.57
sdS=49.6
fwS=2.65
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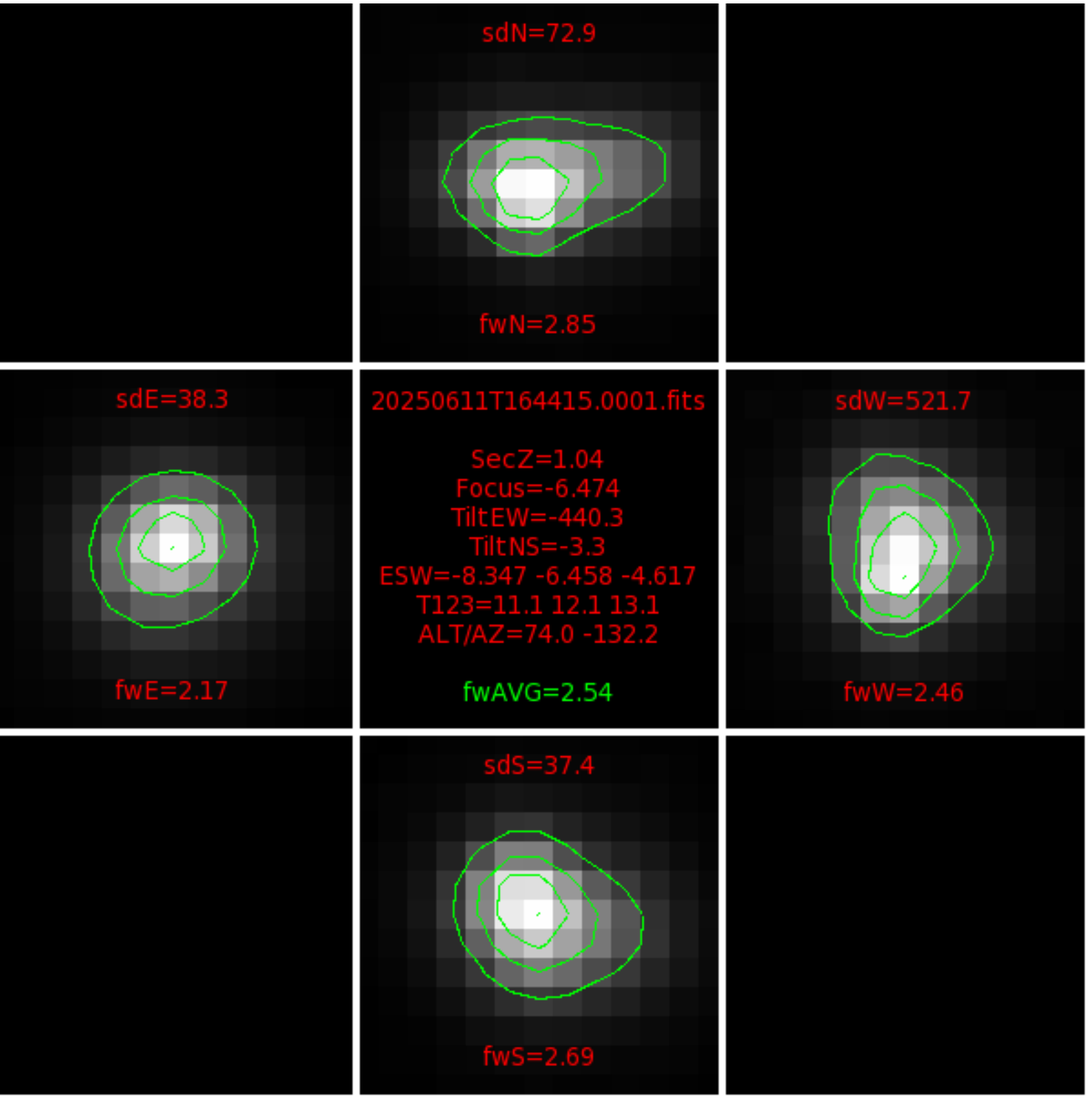
sdN=72.9
fwN=2.85
sdE=38.3
fwE=2.17
20250611T164415.0001.fits
SecZ=1.04
Focus=-6.474
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.347 -6.458 -4.617
T123=11.1 12.1 13.1
ALT/AZ=74.0 -132.2
fwAVG=2.54
sdW=521.7
fwW=2.46
sdS=37.4
fwS=2.69
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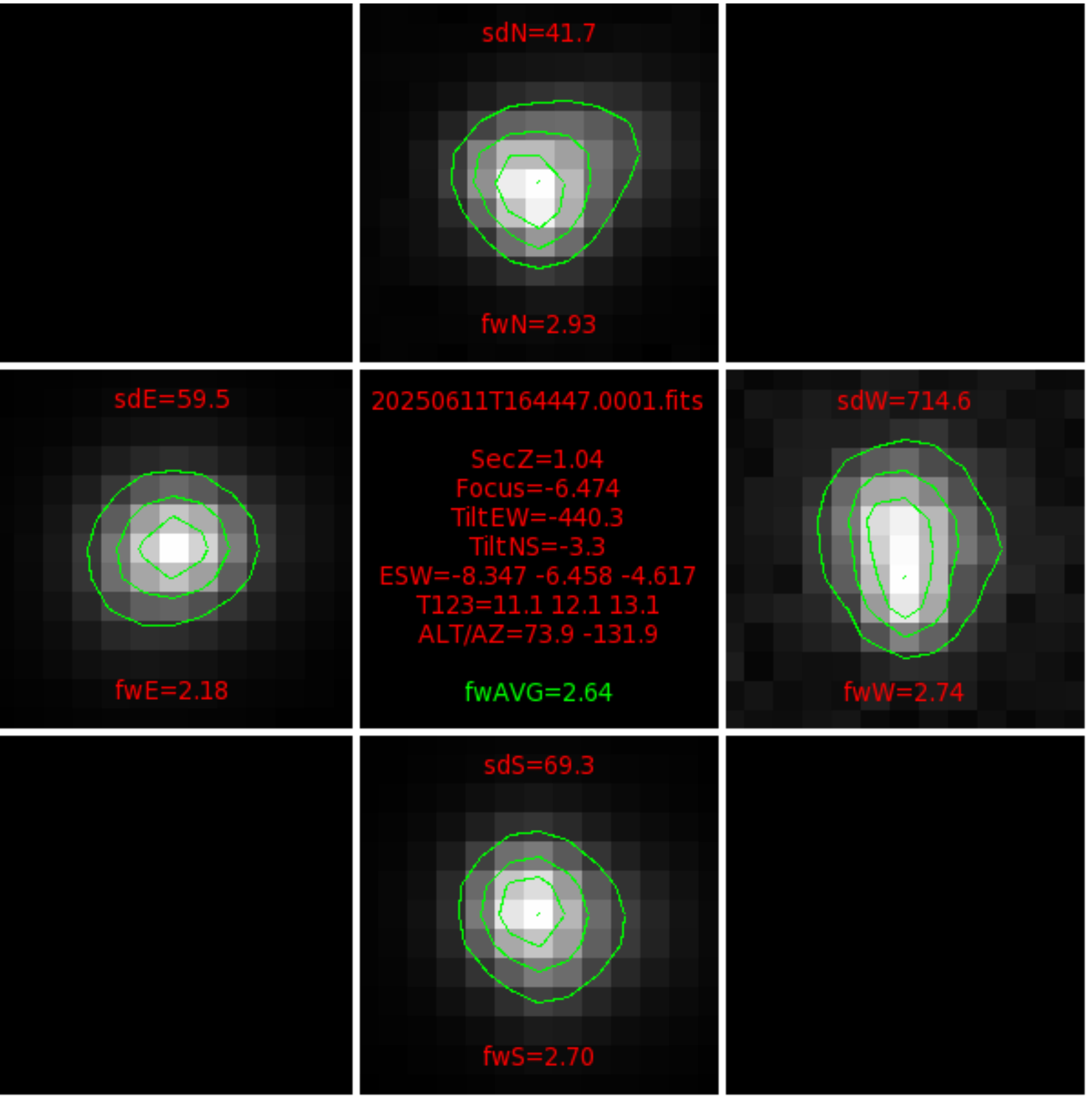
sdN=41.7
fwN=2.93
sdE=59.5
fwE=2.18
20250611T164447.0001.fits
SecZ=1.04
Focus=-6.474
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.347 -6.458 -4.617
T123=11.1 12.1 13.1
ALT/AZ=73.9 -131.9
fwAVG=2.64
sdW=714.6
fwW=2.74
sdS=69.3
fwS=2.70
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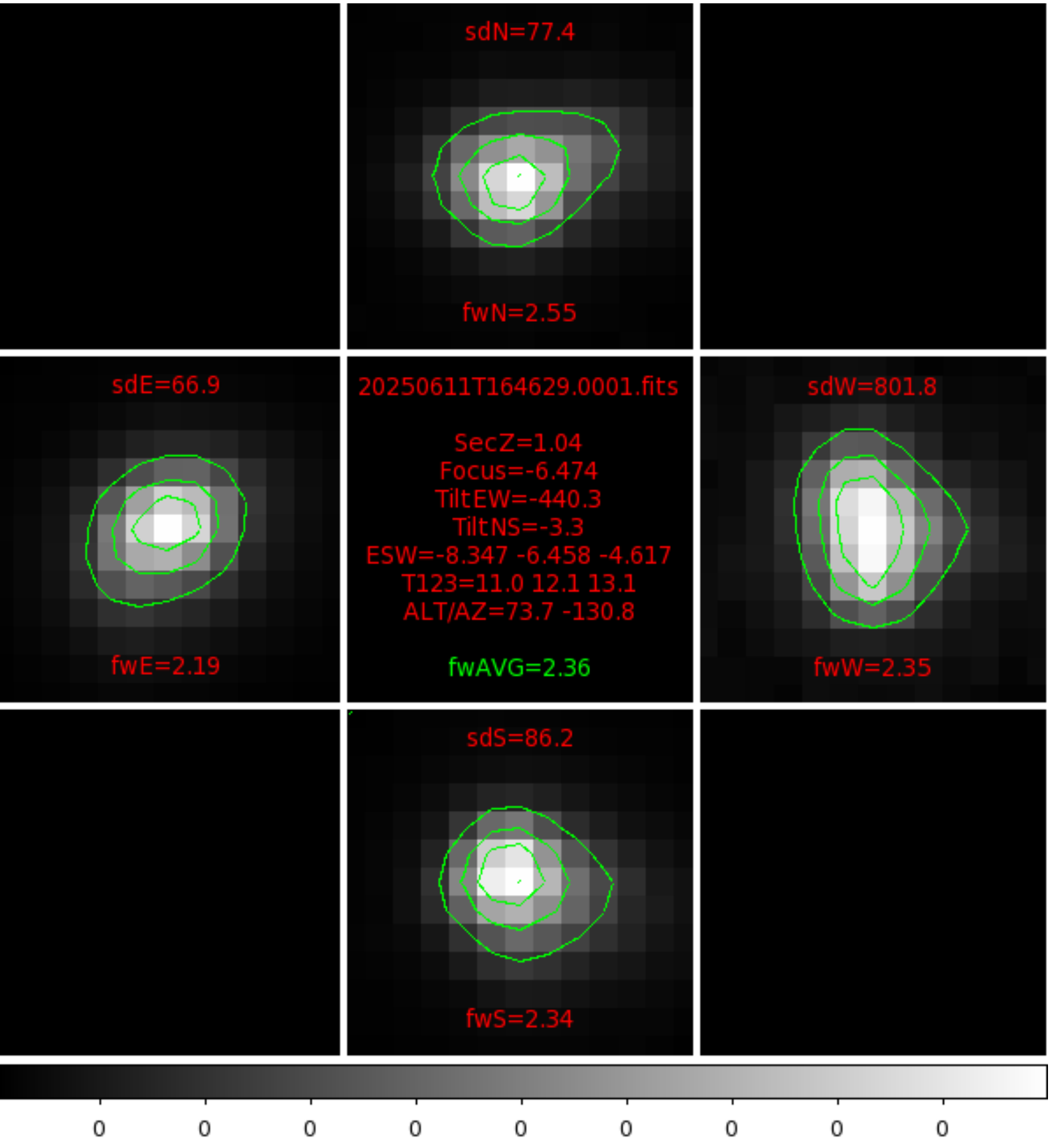
sdN=77.4
fwN=2.55
sdE=66.9
fwE=2.19
20250611T164629.0001.fits
SecZ=1.04
Focus=-6.474
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.347 -6.458 -4.617
T123=11.0 12.1 13.1
ALT/AZ=73.7 -130.8
fwAVG=2.36
sdW=801.8
fwW=2.35
sdS=86.2
fwS=2.34
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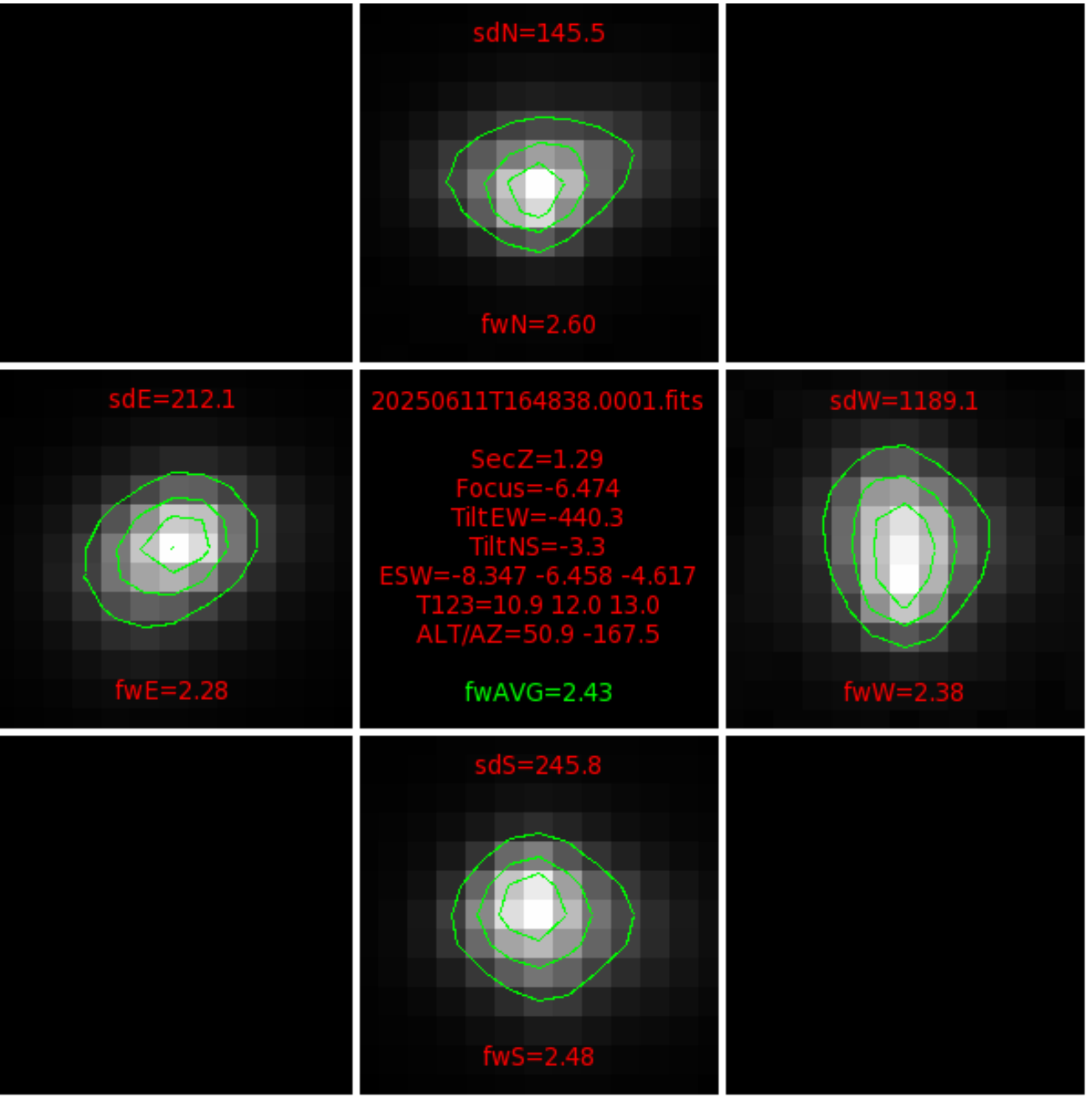
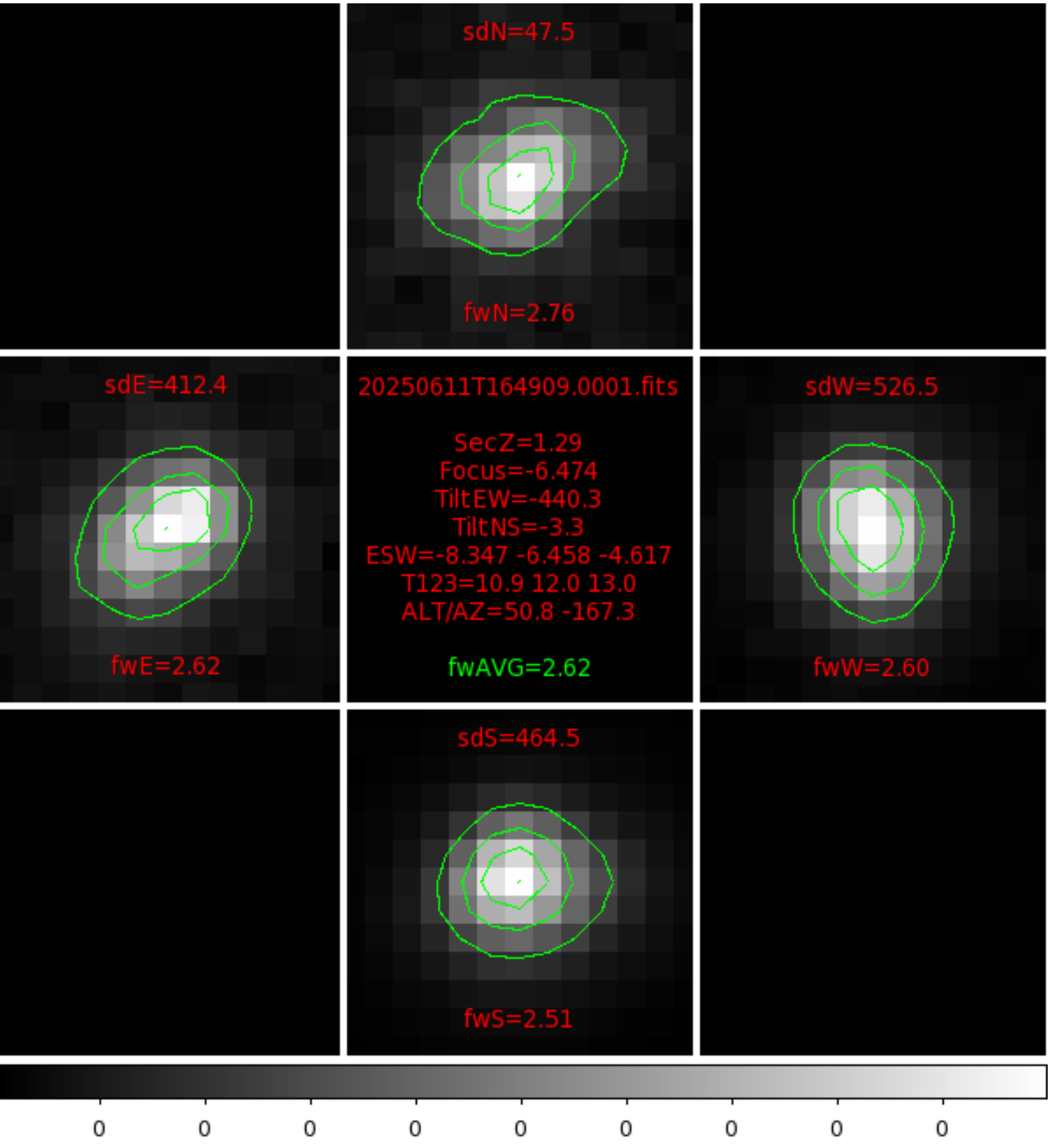

sdN=145.5
fwN=2.60
sdE=212.1
fwE=2.28
20250611T164838.0001.fits
SecZ=1.29
Focus=-6.474
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.347 -6.458 -4.617
T123=10.9 12.0 13.0
ALT/AZ=50.9 -167.5
fwAVG=2.43
sdW=1189.1
fwW=2.38
sdS=245.8
fwS=2.48
0 0 0 0 0 0 0 0 0


sdN=47.5
fwN=2.76
sdE=412.4
fwE=2.62
20250611T164909.0001.fits
SecZ=1.29
Focus=-6.474
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.347 -6.458 -4.617
T123=10.9 12.0 13.0
ALT/AZ=50.8 -167.3
fwAVG=2.62
sdW=526.5
fwW=2.60
sdS=464.5
fwS=2.51
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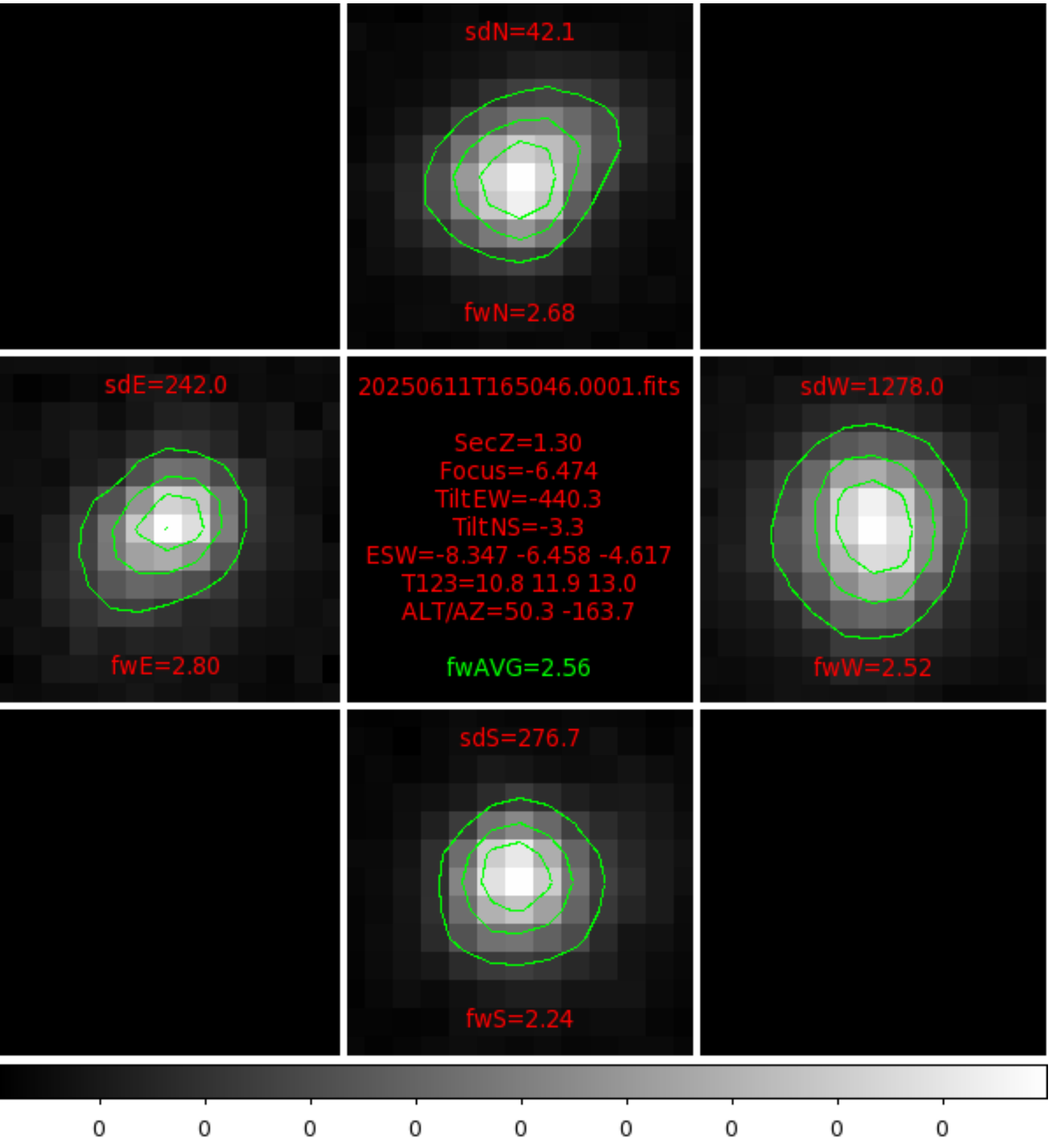
sdN=42.1
fwN=2.68
sdE=242.0
fwE=2.80
20250611T165046.0001.fits
SecZ=1.30
Focus=-6.474
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.347 -6.458 -4.617
T123=10.8 11.9 13.0
ALT/AZ=50.3 -163.7
fwAVG=2.56
sdW=1278.0
fwW=2.52
sdS=276.7
fwS=2.24
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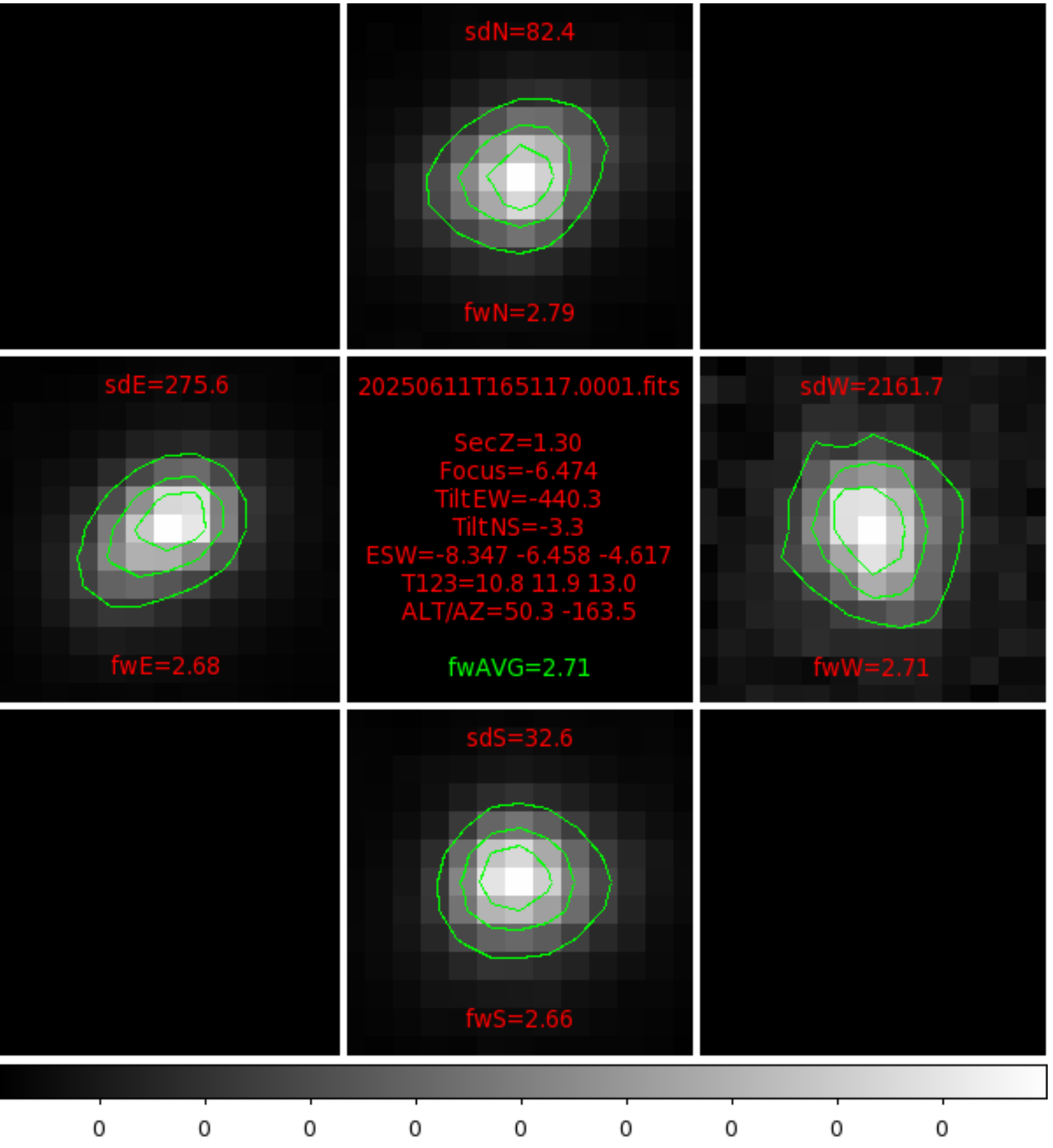
sdN=82.4
fwN=2.79
sdE=275.6
fwE=2.68
20250611T165117.0001.fits
SecZ=1.30
Focus=-6.474
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.347 -6.458 -4.617
T123=10.8 11.9 13.0
ALT/AZ=50.3 -163.5
fwAVG=2.71
sdW=2161.7
fwW=2.71
sdS=32.6
fwS=2.66
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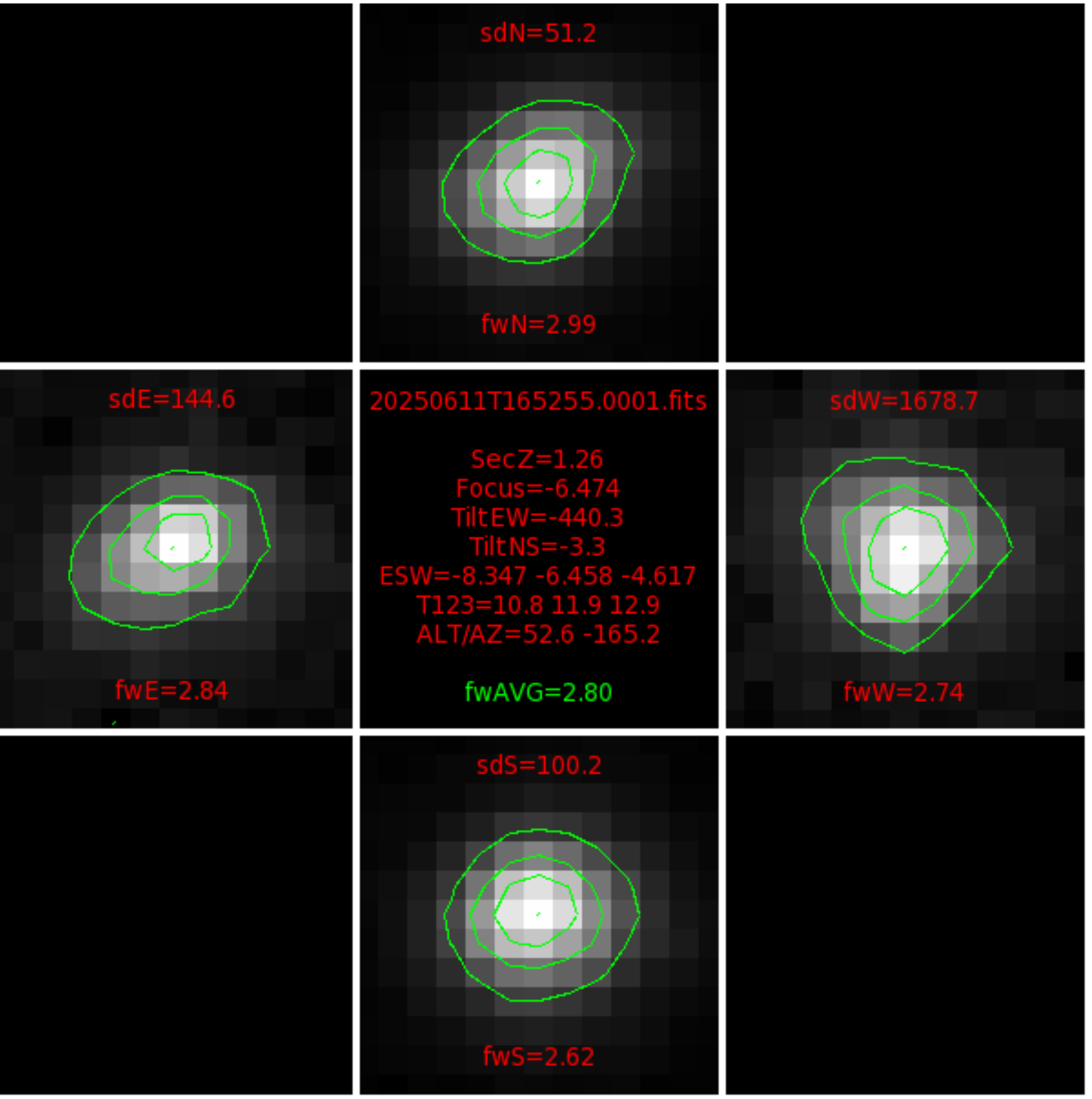
sdN=51.2
fwN=2.99
sdE=144.6
fwE=2.84
20250611T165255.0001.fits
SecZ=1.26
Focus=-6.474
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.347 -6.458 -4.617
T123=10.8 11.9 12.9
ALT/AZ=52.6 -165.2
fwAVG=2.80
sdW=1678.7
fwW=2.74
sdS=100.2
fwS=2.62
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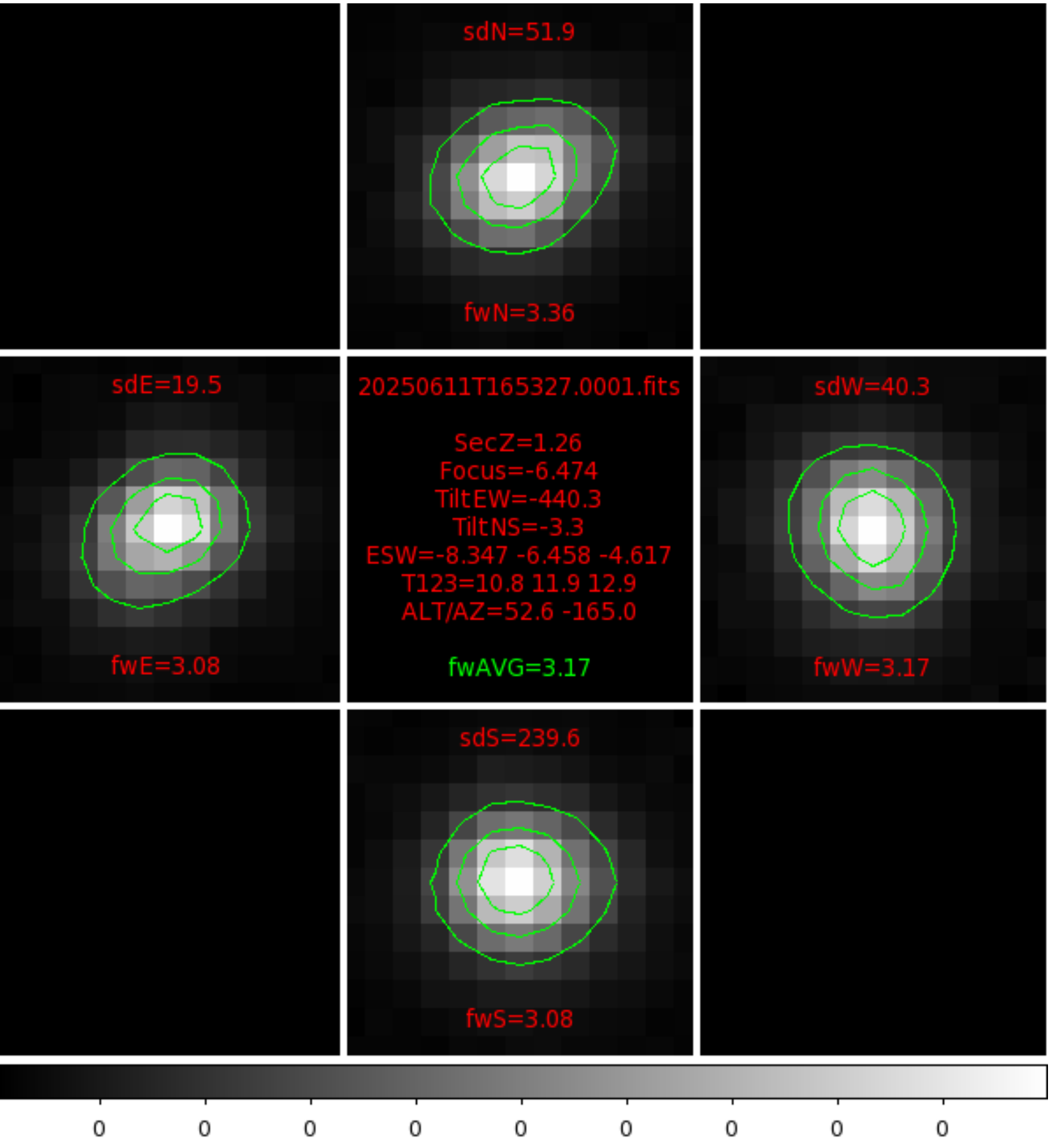
sdN=51.9
fwN=3.36
sdE=19.5
fwE=3.08
20250611T165327.0001.fits
SecZ=1.26
Focus=-6.474
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.347 -6.458 -4.617
T123=10.8 11.9 12.9
ALT/AZ=52.6 -165.0
fwAVG=3.17
sdW=40.3
fwW=3.17
sdS=239.6
fwS=3.08
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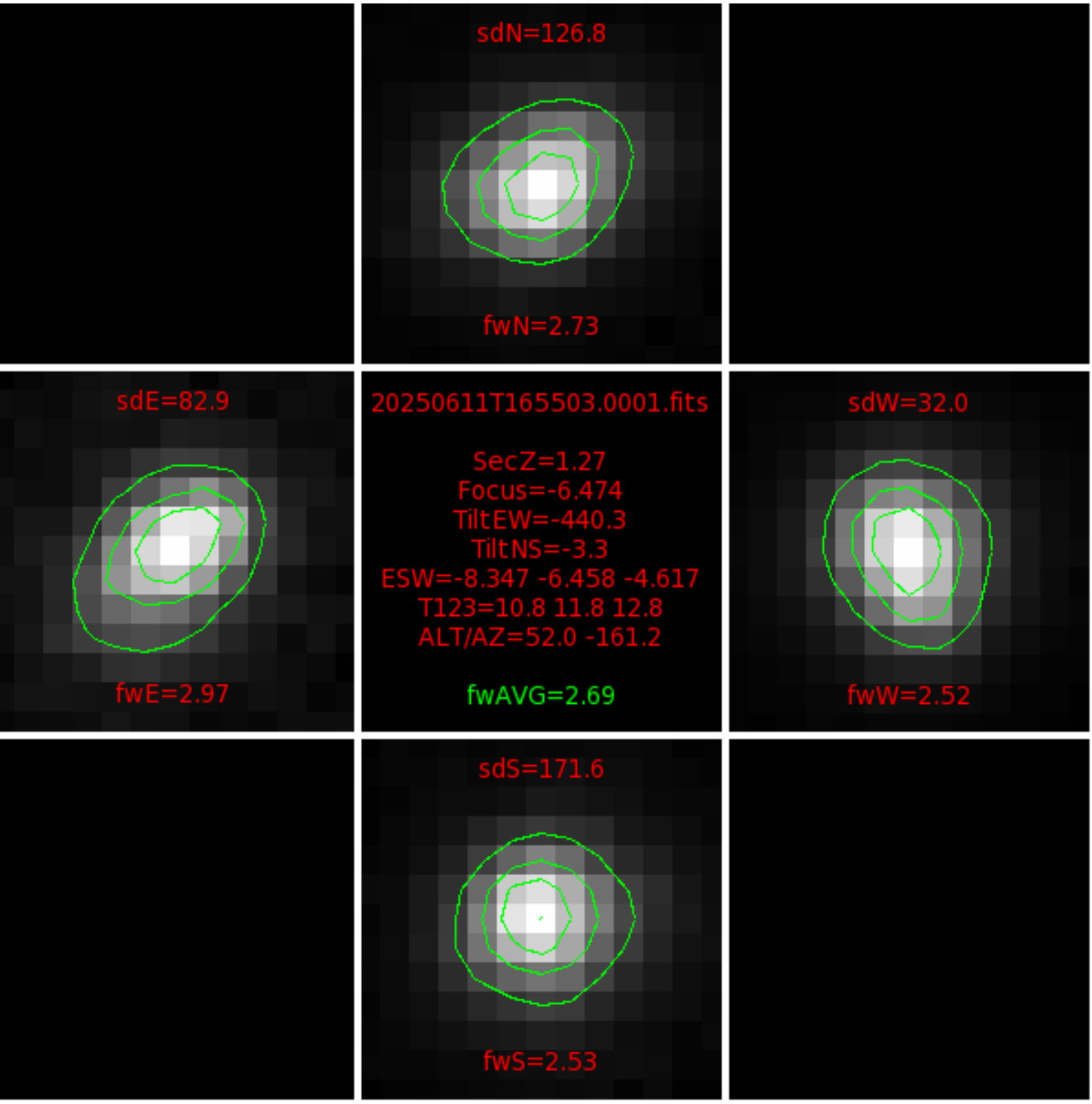
sdN=126.8
fwN=2.73
sdE=82.9
fwE=2.97
20250611T165503.0001.fits
SecZ=1.27
Focus=-6.474
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.347 -6.458 -4.617
T123=10.8 11.8 12.8
ALT/AZ=52.0 -161.2
fwAVG=2.69
sdW=32.0
fwW=2.52
sdS=171.6
fwS=2.53
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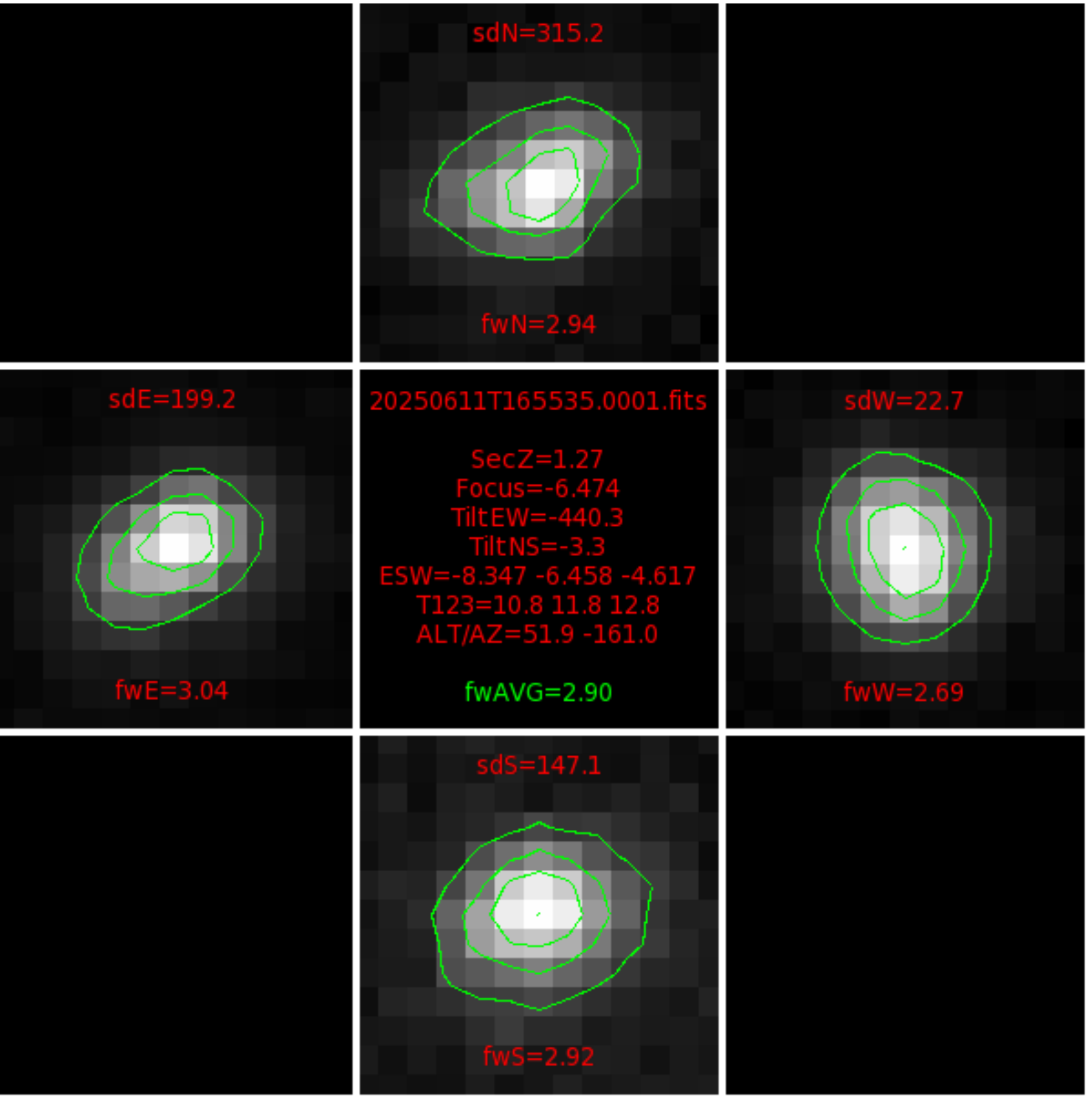
sdN=315.2
fwN=2.94
sdE=199.2
fwE=3.04
20250611T165535.0001.fits
SecZ=1.27
Focus=-6.474
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.347 -6.458 -4.617
T123=10.8 11.8 12.8
ALT/AZ=51.9 -161.0
fwAVG=2.90
sdW=22.7
fwW=2.69
sdS=147.1
fwS=2.92
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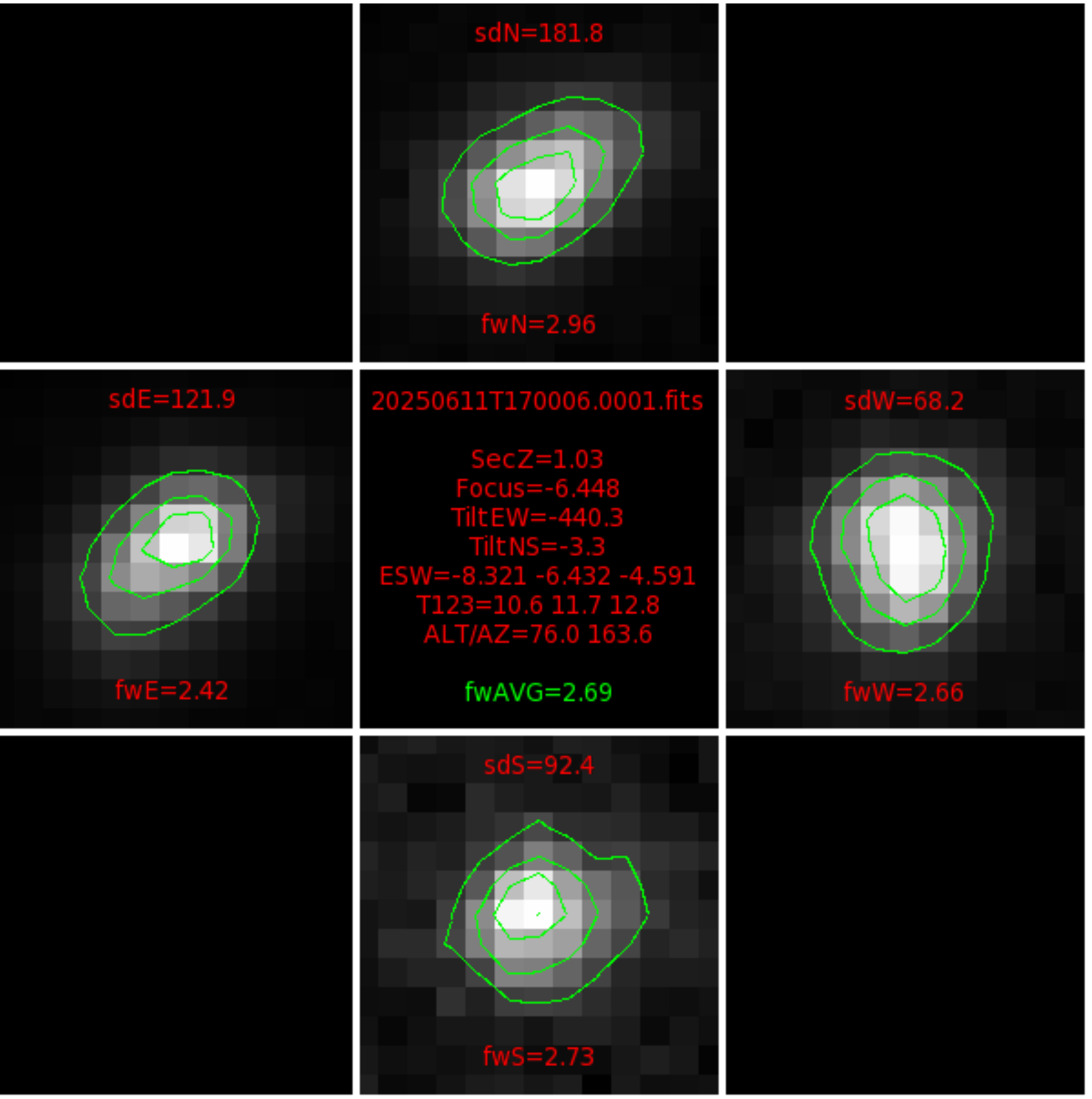
sdN=181.8
fwN=2.96
sdE=121.9
fwE=2.42
20250611T170006.0001.fits
SecZ=1.03
Focus=-6.448
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.321 -6.432 -4.591
T123=10.6 11.7 12.8
ALT/AZ=76.0 163.6
fwAVG=2.69
sdW=68.2
fwW=2.66
sdS=92.4
fwS=2.73
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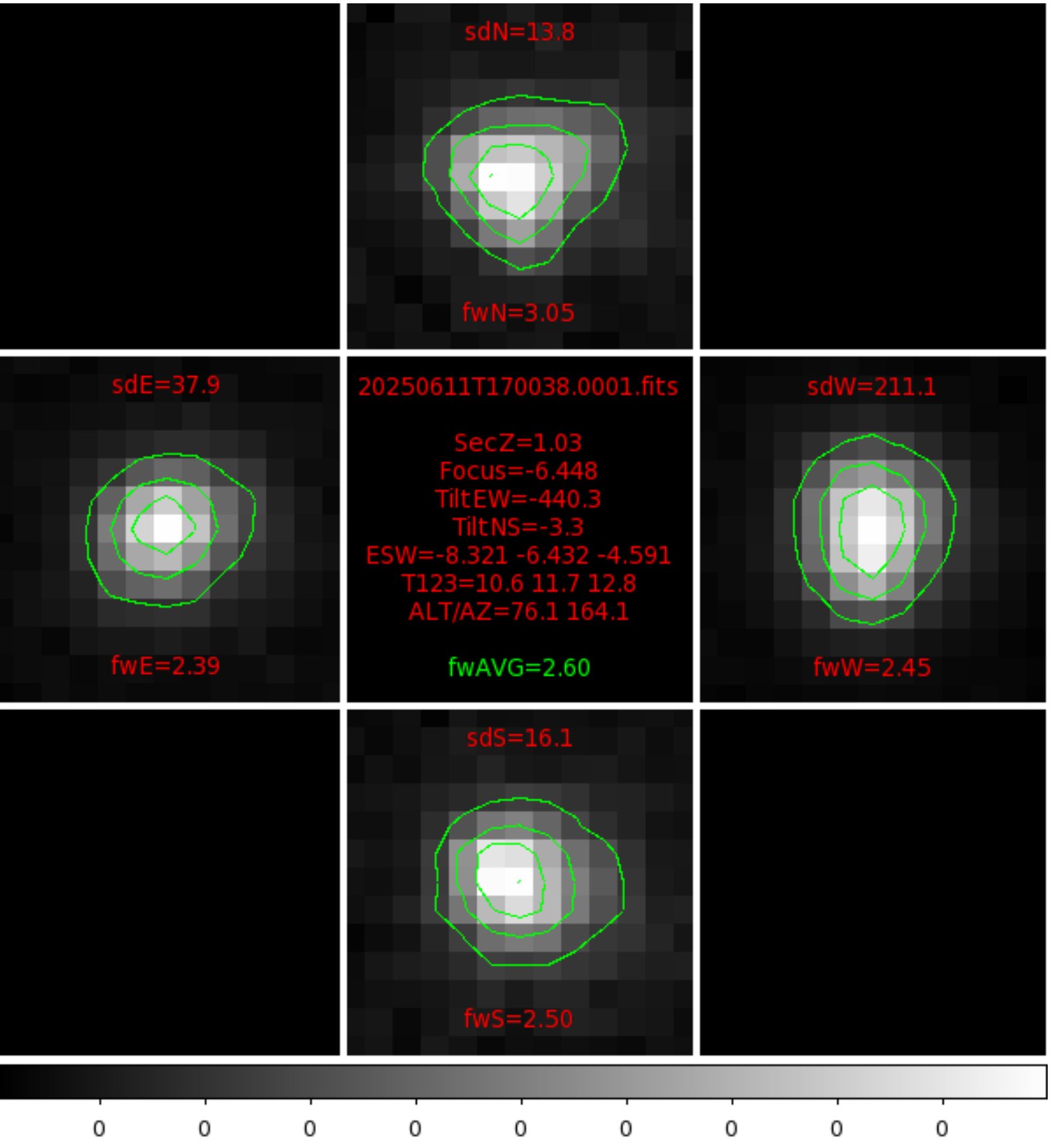
sdN=13.8
fwN=3.05
sdE=37.9
fwE=2.39
20250611T170038.0001.fits
SecZ=1.03
Focus=-6.448
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.321 -6.432 -4.591
T123=10.6 11.7 12.8
ALT/AZ=76.1 164.1
fwAVG=2.60
sdW=211.1
fwW=2.45
sdS=16.1
fwS=2.50
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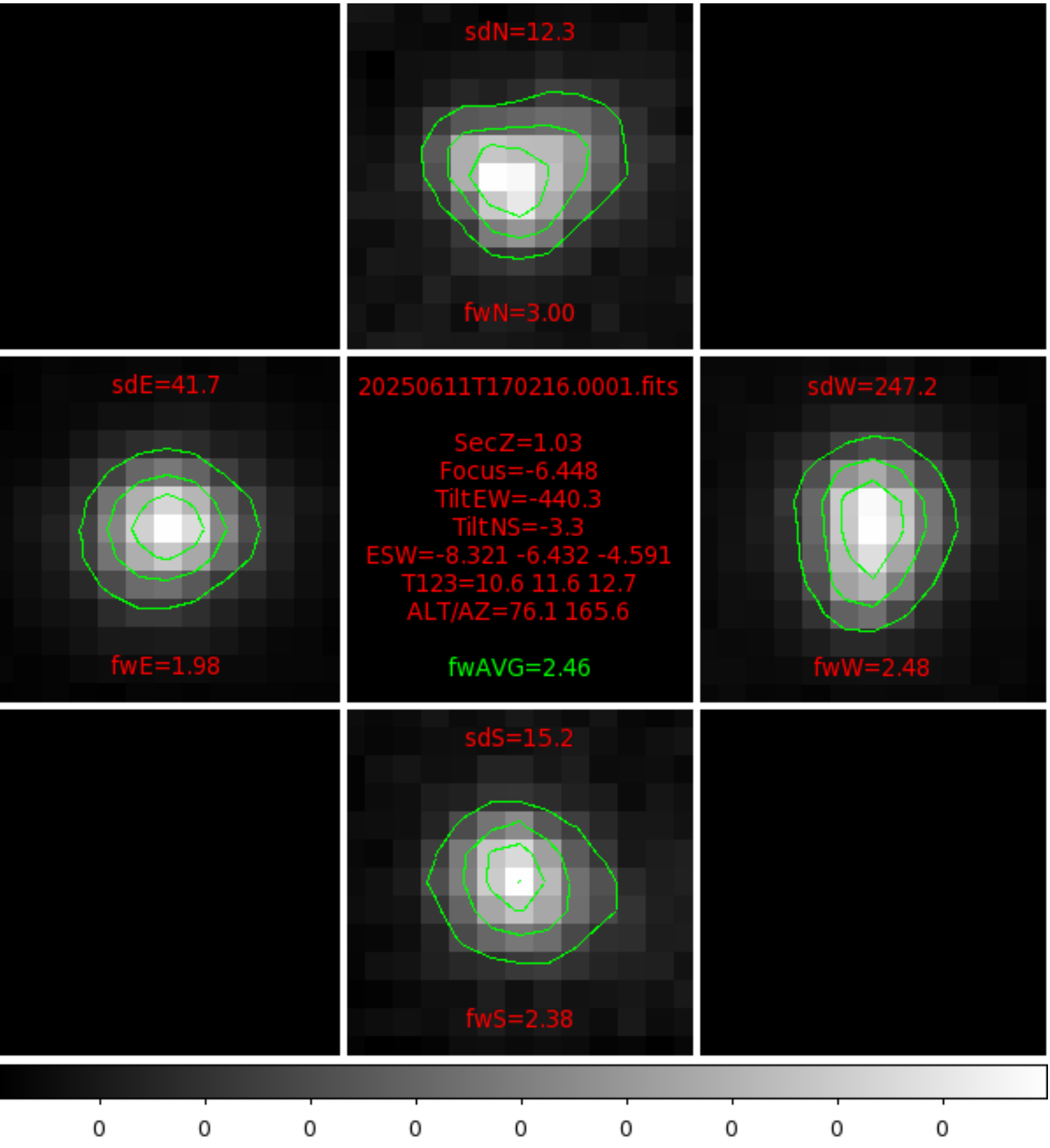
sdN=12.3
fwN=3.00
sdE=41.7
fwE=1.98
20250611T170216.0001.fits
SecZ=1.03
Focus=-6.448
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.321 -6.432 -4.591
T123=10.6 11.6 12.7
ALT/AZ=76.1 165.6
fwAVG=2.46
sdW=247.2
fwW=2.48
sdS=15.2
fwS=2.38
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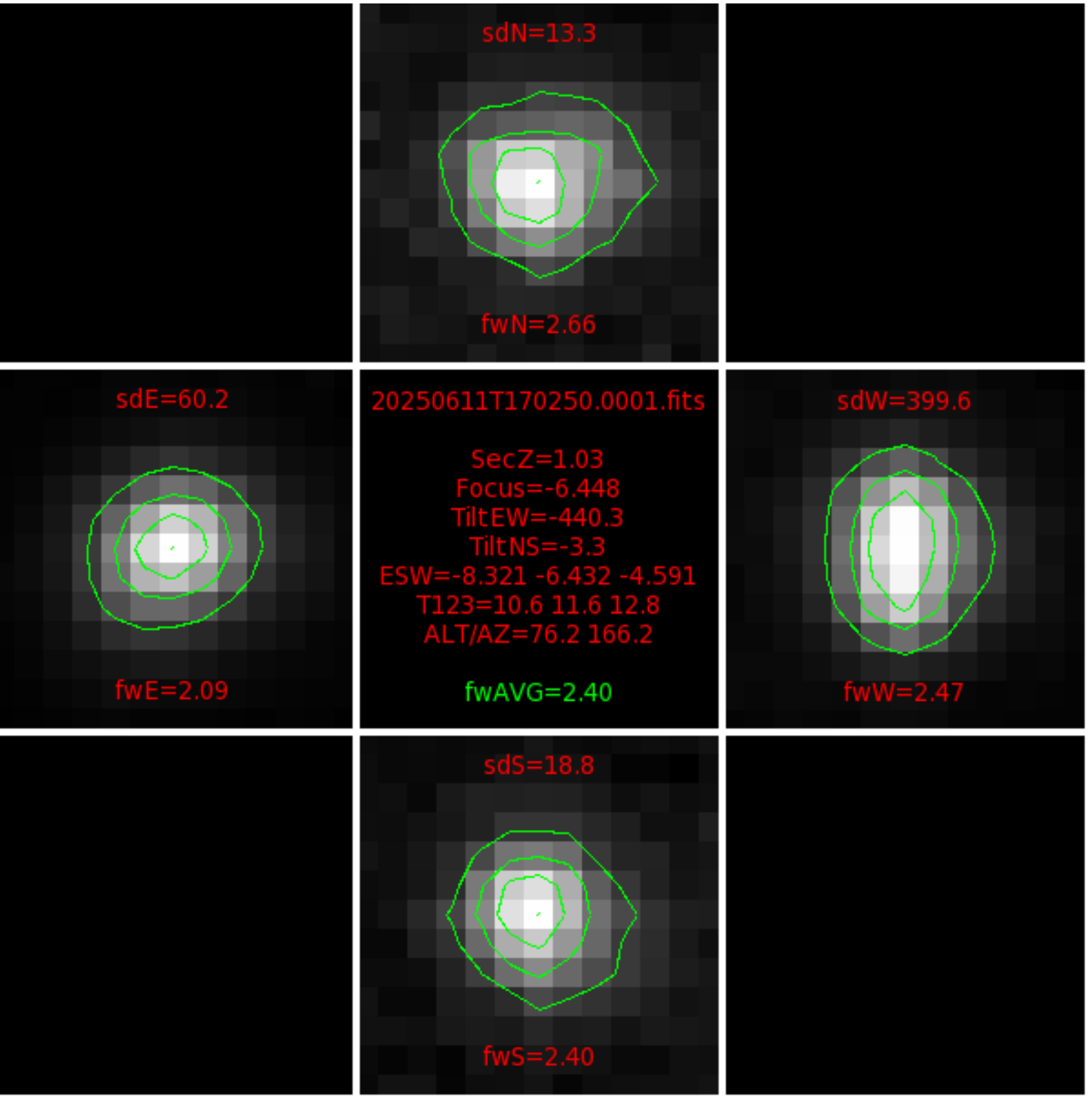
sdN=13.3
fwN=2.66
sdE=60.2
fwE=2.09
20250611T170250.0001.fits
SecZ=1.03
Focus=-6.448
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.321 -6.432 -4.591
T123=10.6 11.6 12.8
ALT/AZ=76.2 166.2
fwAVG=2.40
sdW=399.6
fwW=2.47
sdS=18.8
fwS=2.40
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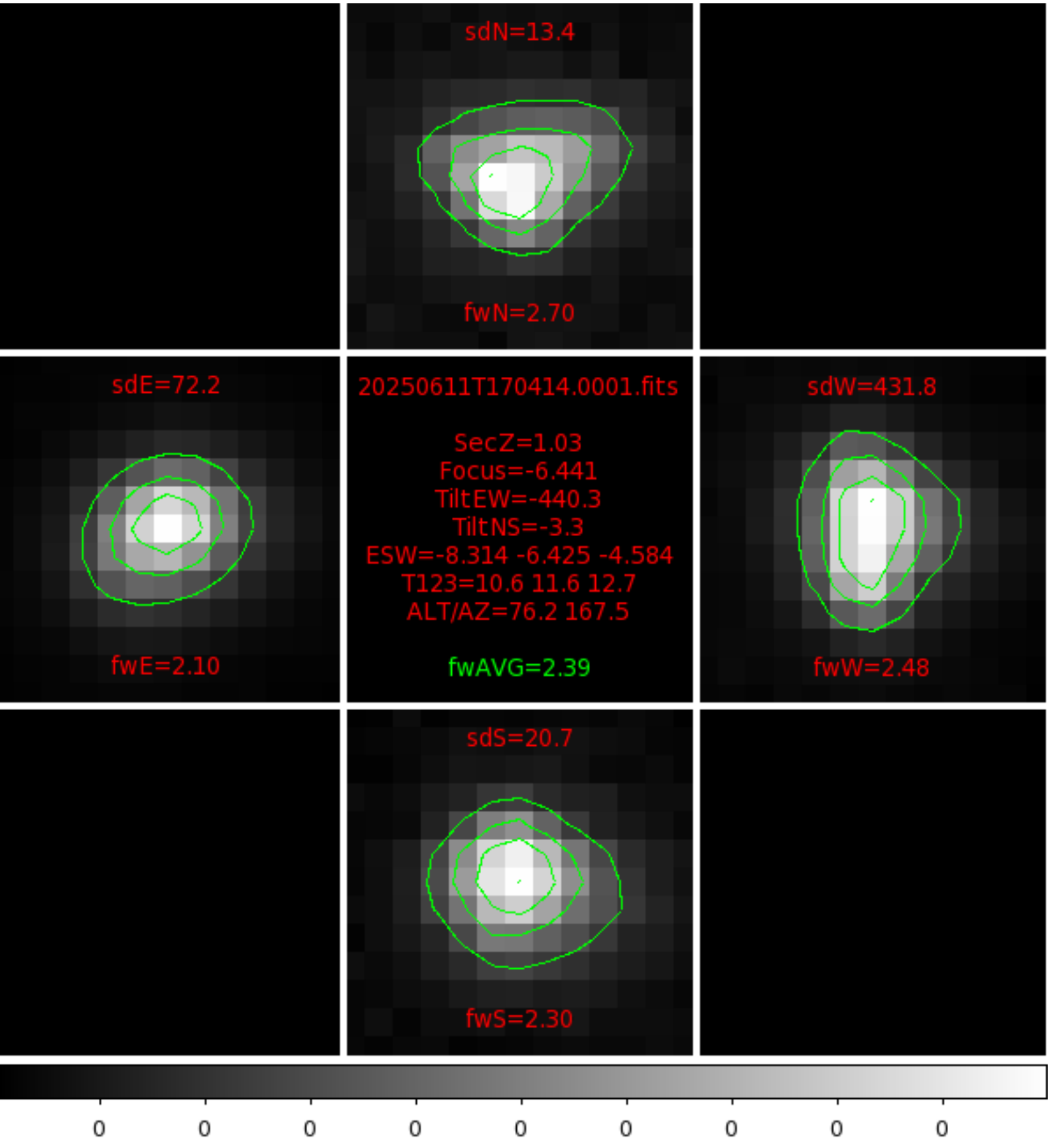
sdN=13.4
fwN=2.70
sdE=72.2
fwE=2.10
20250611T170414.0001.fits
SecZ=1.03
Focus=-6.441
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.314 -6.425 -4.584
T123=10.6 11.6 12.7
ALT/AZ=76.2 167.5
fwAVG=2.39
sdW=431.8
fwW=2.48
sdS=20.7
fwS=2.30
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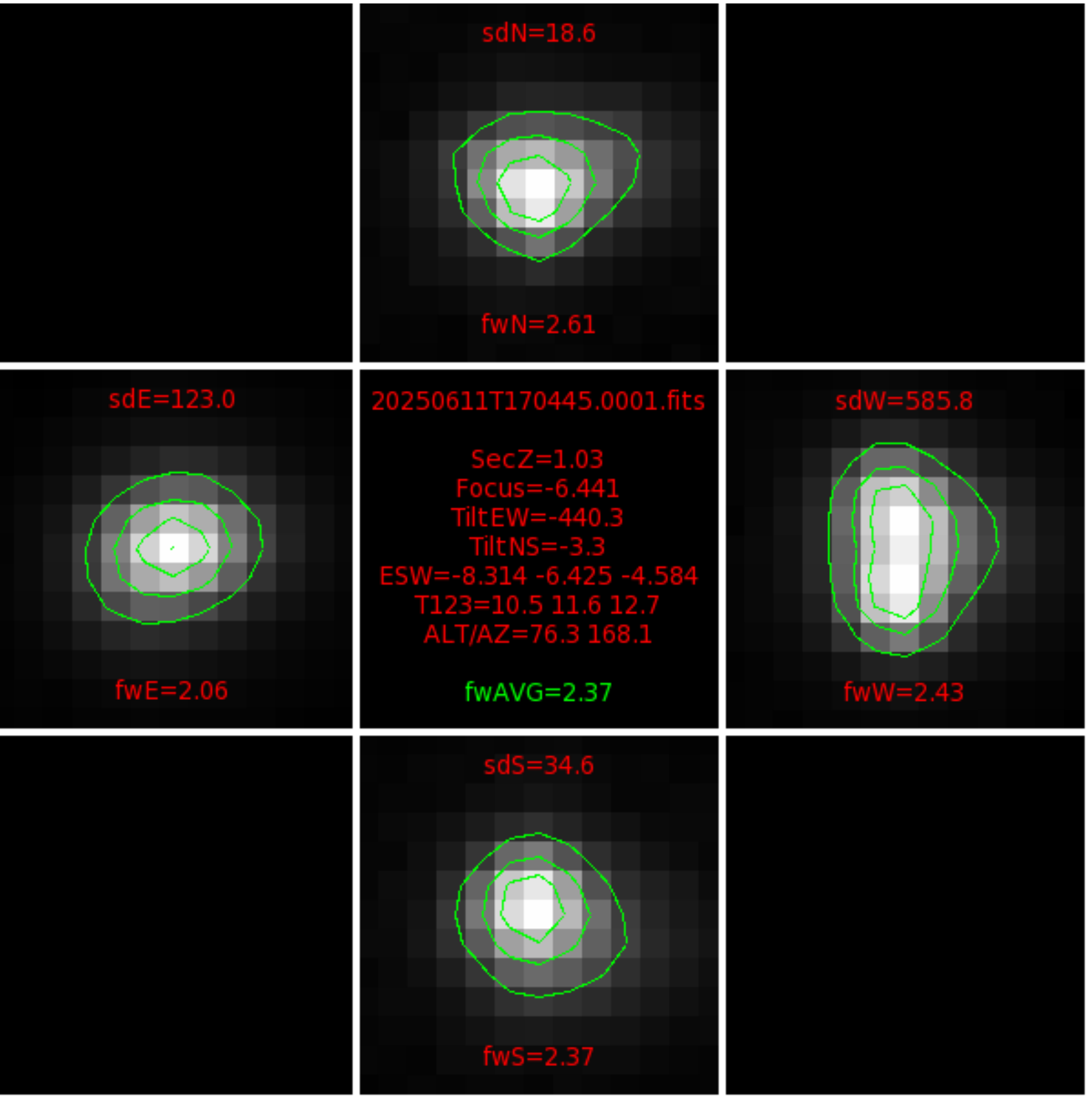
sdN=18.6
fwN=2.61
sdE=123.0
fwE=2.06
20250611T170445.0001.fits
SecZ=1.03
Focus=-6.441
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.314 -6.425 -4.584
T123=10.5 11.6 12.7
ALT/AZ=76.3 168.1
fwAVG=2.37
sdW=585.8
fwW=2.43
sdS=34.6
fwS=2.37
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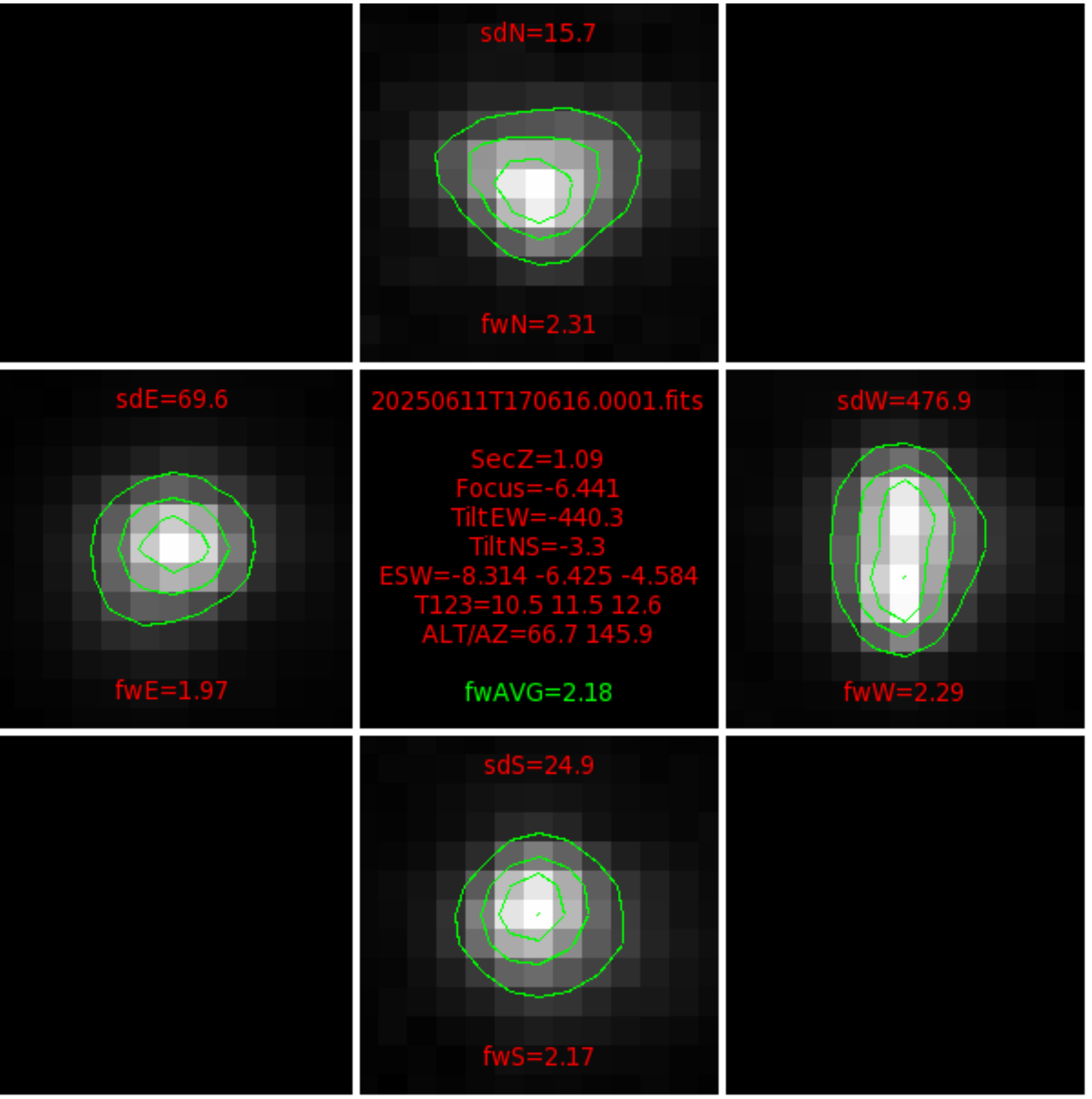
sdN=15.7
fwN=2.31
sdE=69.6
fwE=1.97
20250611T170616.0001.fits
SecZ=1.09
Focus=-6.441
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.314 -6.425 -4.584
T123=10.5 11.5 12.6
ALT/AZ=66.7 145.9
fwAVG=2.18
sdW=476.9
fwW=2.29
sdS=24.9
fwS=2.17
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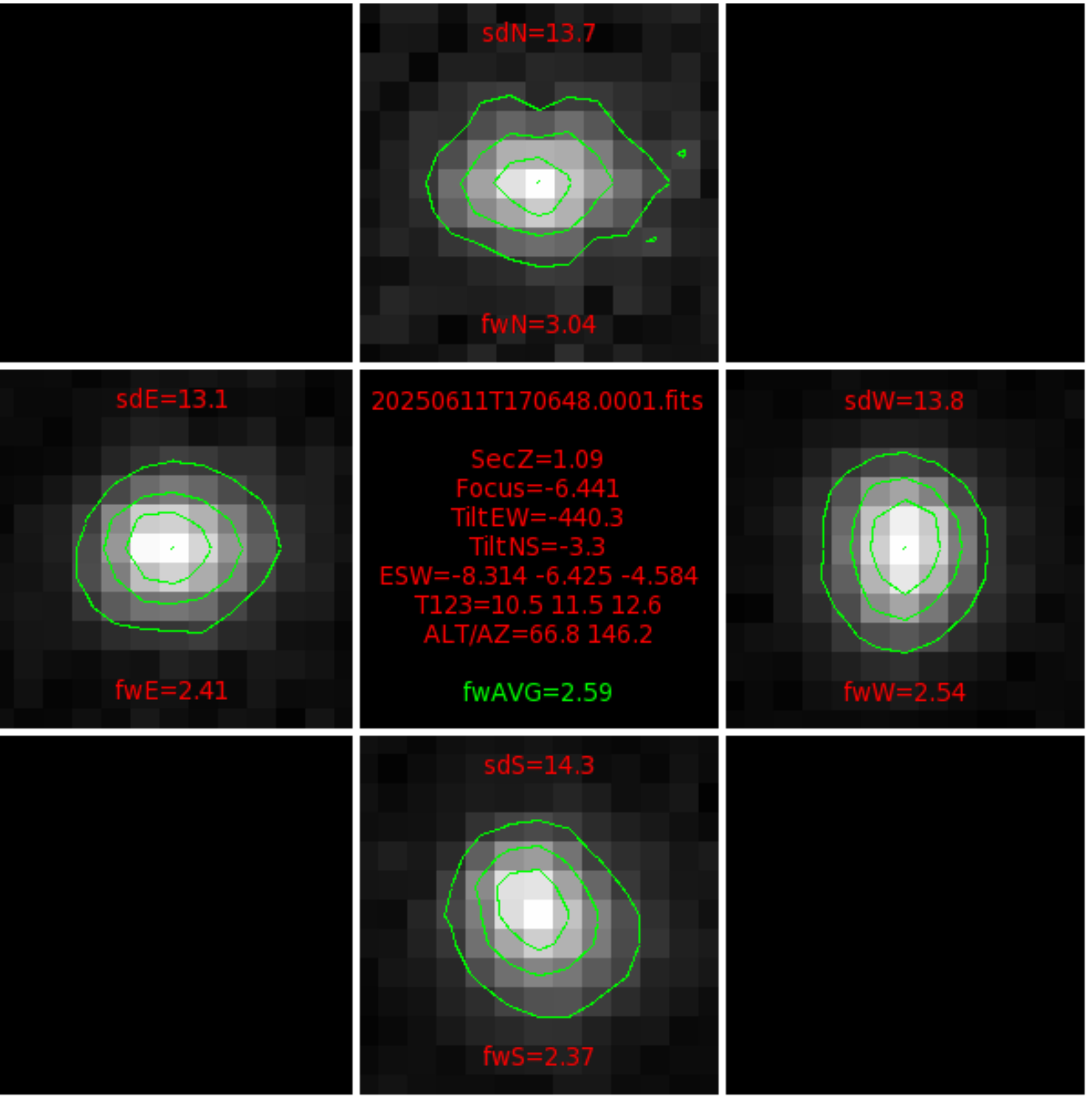
sdN=13.7
fwN=3.04
sdE=13.1
fwE=2.41
20250611T170648.0001.fits
SecZ=1.09
Focus=-6.441
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.314 -6.425 -4.584
T123=10.5 11.5 12.6
ALT/AZ=66.8 146.2
fwAVG=2.59
sdW=13.8
fwW=2.54
sdS=14.3
fwS=2.37
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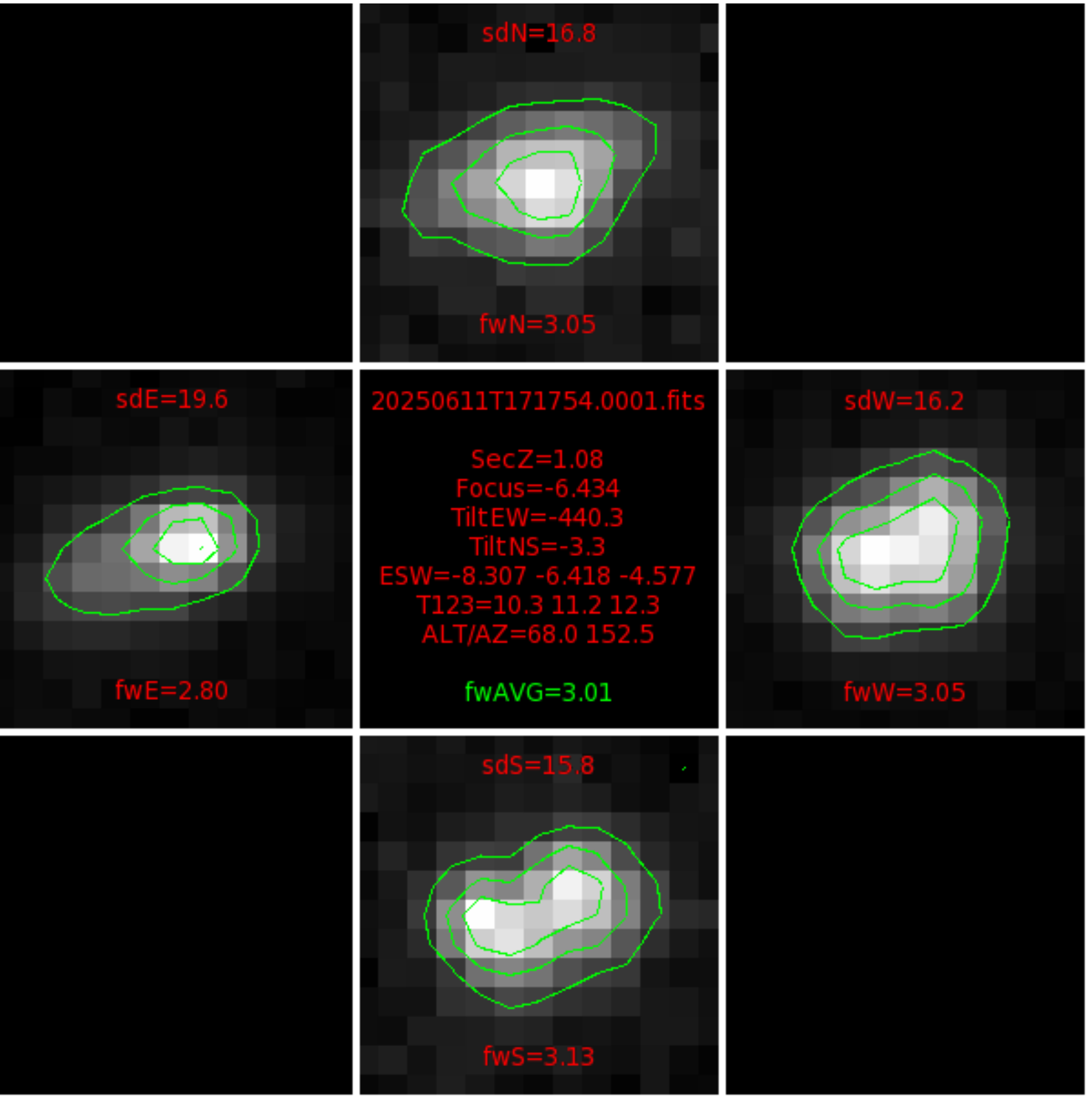
sdN=16.8
fwN=3.05
sdE=19.6
fwE=2.80
20250611T171754.0001.fits
SecZ=1.08
Focus=-6.434
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.307 -6.418 -4.577
T123=10.3 11.2 12.3
ALT/AZ=68.0 152.5
fwAVG=3.01
sdW=16.2
fwW=3.05
sdS=15.8
fwS=3.13
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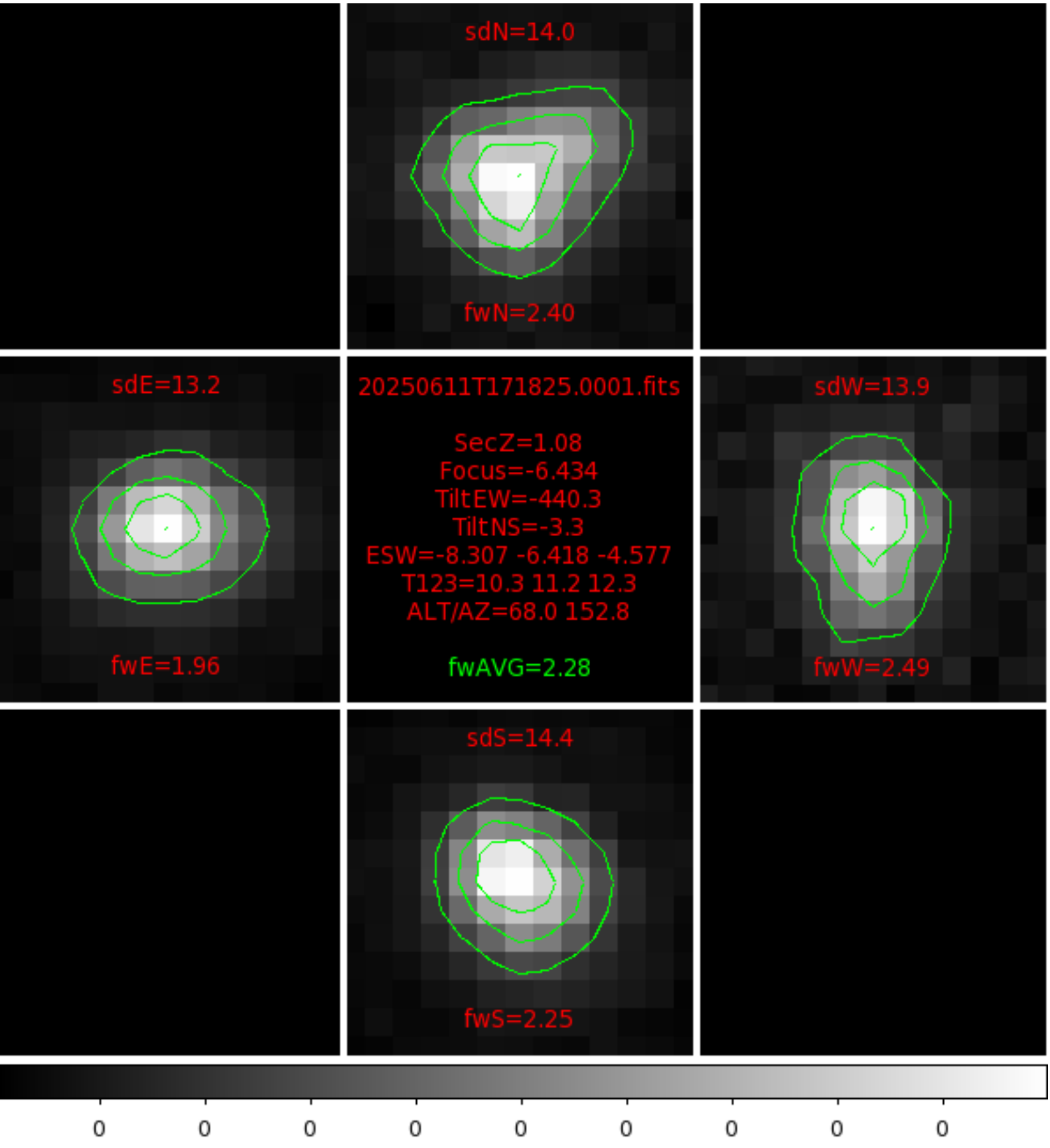
sdN=14.0
fwN=2.40
sdE=13.2
fwE=1.96
20250611T171825.0001.fits
SecZ=1.08
Focus=-6.434
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.307 -6.418 -4.577
T123=10.3 11.2 12.3
ALT/AZ=68.0 152.8
fwAVG=2.28
sdW=13.9
fwW=2.49
sdS=14.4
fwS=2.25
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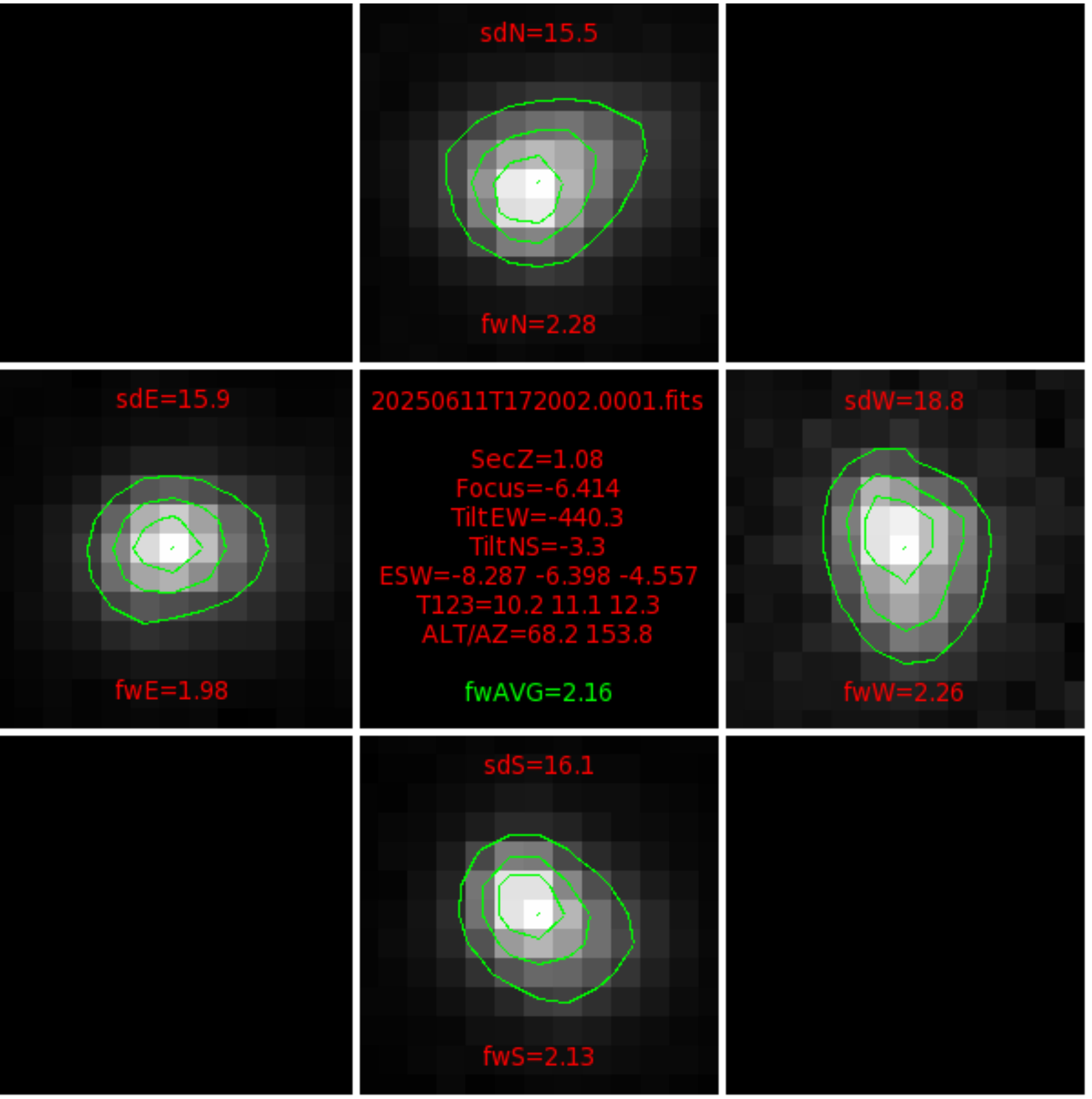
sdN=15.5
fwN=2.28
sdE=15.9
fwE=1.98
20250611T172002.0001.fits
SecZ=1.08
Focus=-6.414
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.287 -6.398 -4.557
T123=10.2 11.1 12.3
ALT/AZ=68.2 153.8
fwAVG=2.16
sdW=18.8
fwW=2.26
sdS=16.1
fwS=2.13
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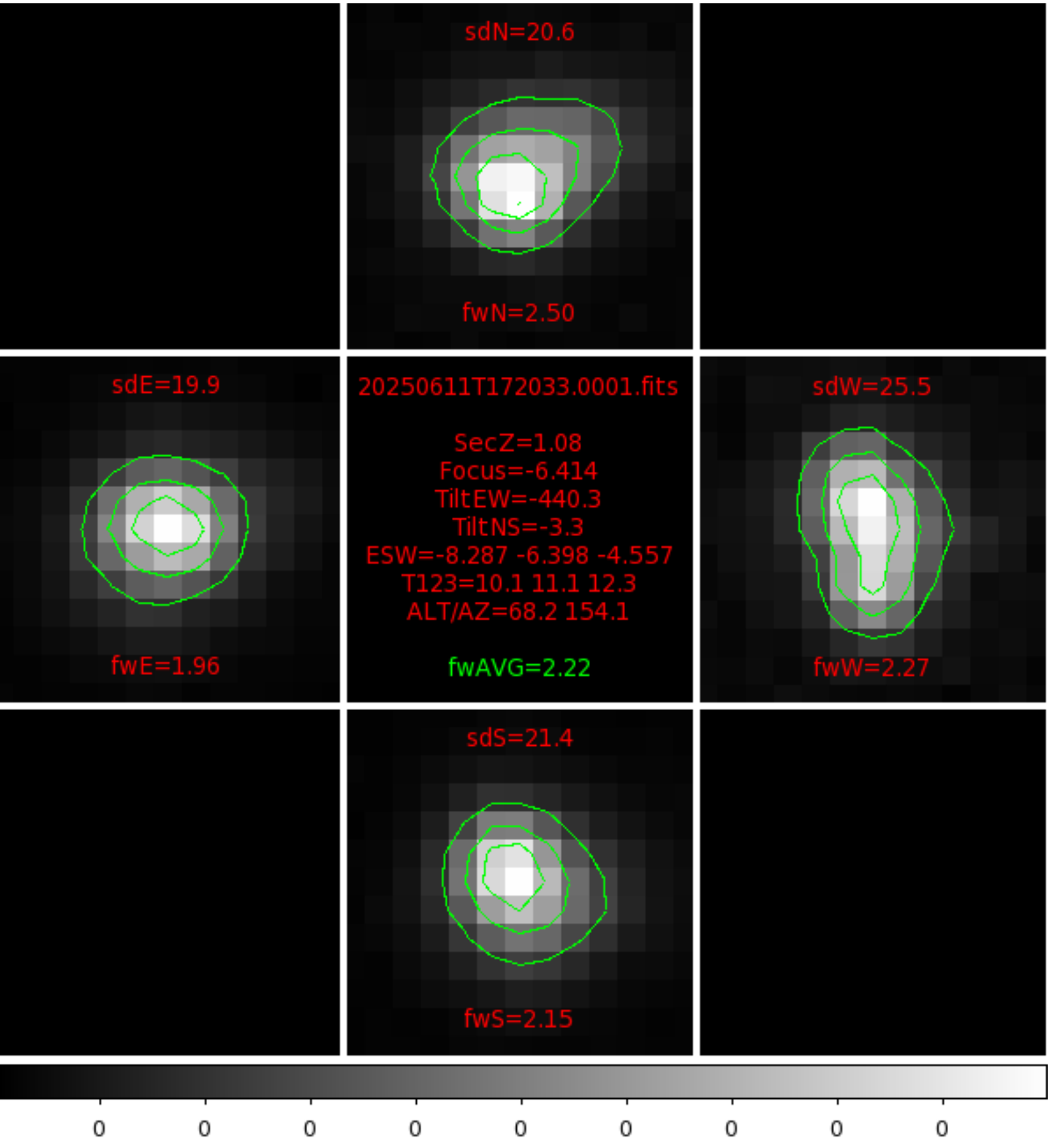
sdN=20.6
fwN=2.50
sdE=19.9
fwE=1.96
20250611T172033.0001.fits
SecZ=1.08
Focus=-6.414
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.287 -6.398 -4.557
T123=10.1 11.1 12.3
ALT/AZ=68.2 154.1
fwAVG=2.22
sdW=25.5
fwW=2.27
sdS=21.4
fwS=2.15
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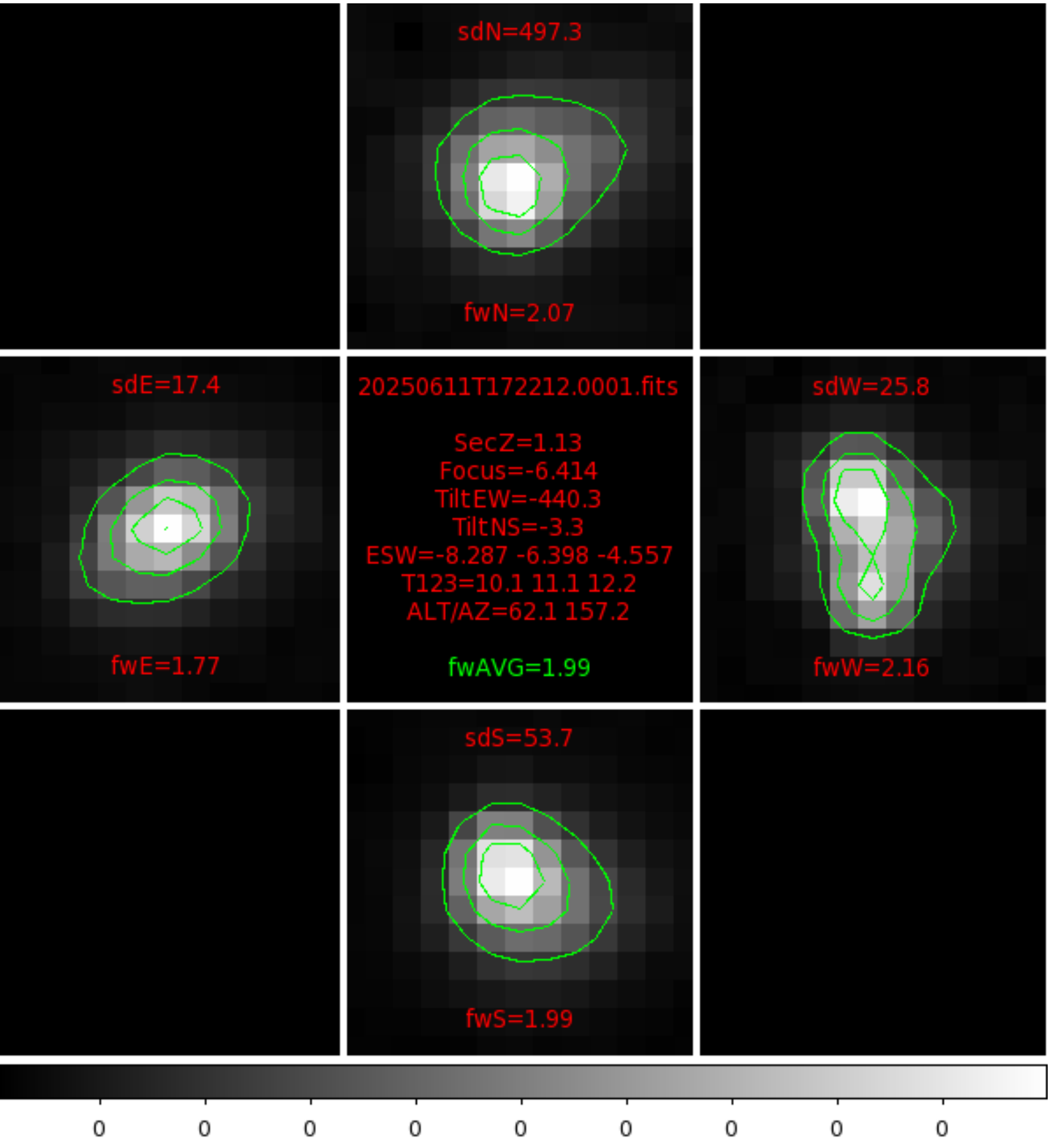
sdN=497.3
fwN=2.07
sdE=17.4
fwE=1.77
20250611T172212.0001.fits
SecZ=1.13
Focus=-6.414
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.287 -6.398 -4.557
T123=10.1 11.1 12.2
ALT/AZ=62.1 157.2
fwAVG=1.99
sdW=25.8
fwW=2.16
sdS=53.7
fwS=1.99
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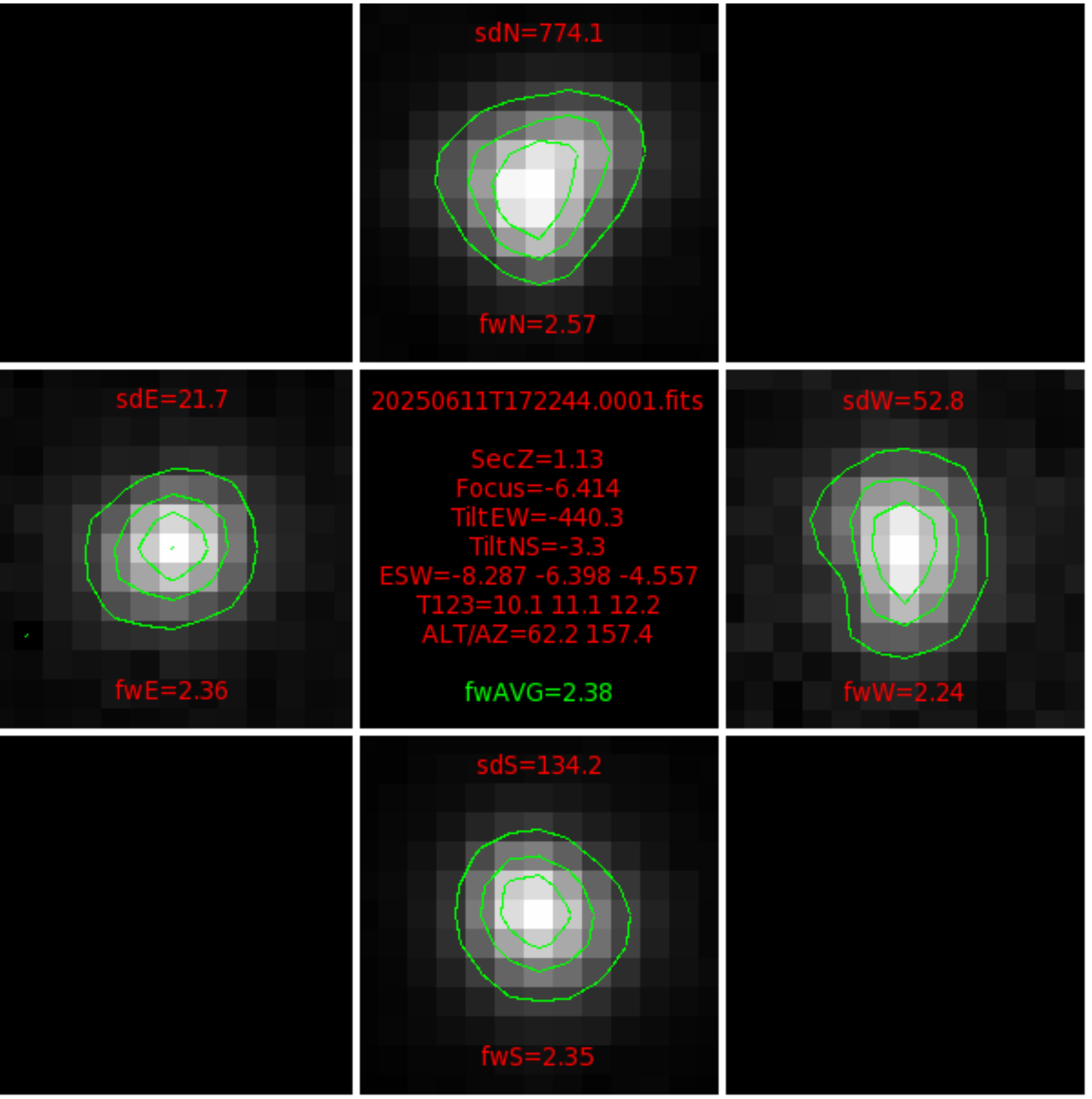
sdN=774.1
fwN=2.57
sdE=21.7
fwE=2.36
20250611T172244.0001.fits
SecZ=1.13
Focus=-6.414
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.287 -6.398 -4.557
T123=10.1 11.1 12.2
ALT/AZ=62.2 157.4
fwAVG=2.38
sdW=52.8
fwW=2.24
sdS=134.2
fwS=2.35
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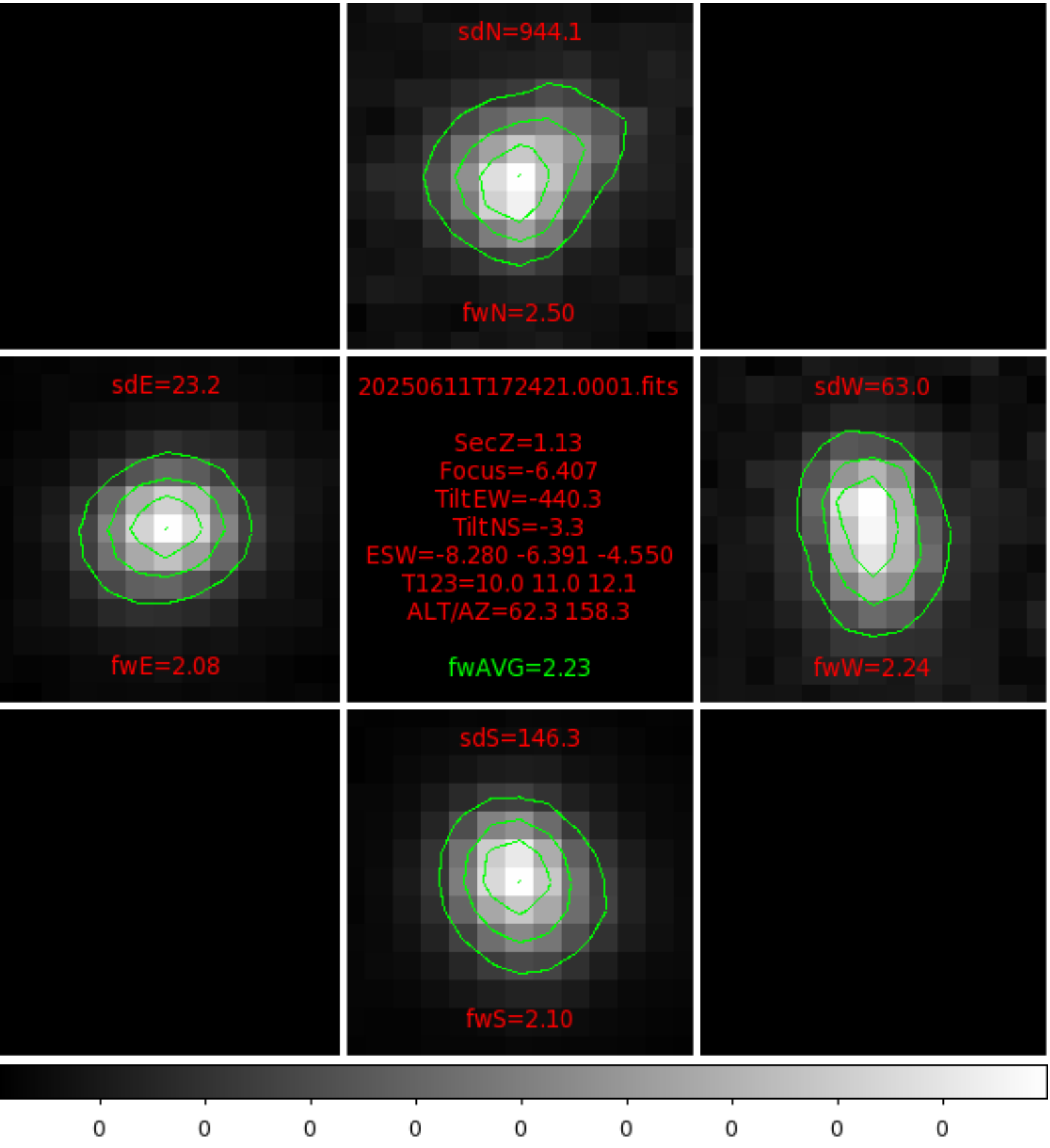
sdN=944.1
fwN=2.50
sdE=23.2
fwE=2.08
20250611T172421.0001.fits
SecZ=1.13
Focus=-6.407
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.280 -6.391 -4.550
T123=10.0 11.0 12.1
ALT/AZ=62.3 158.3
fwAVG=2.23
sdW=63.0
fwW=2.24
sdS=146.3
fwS=2.10
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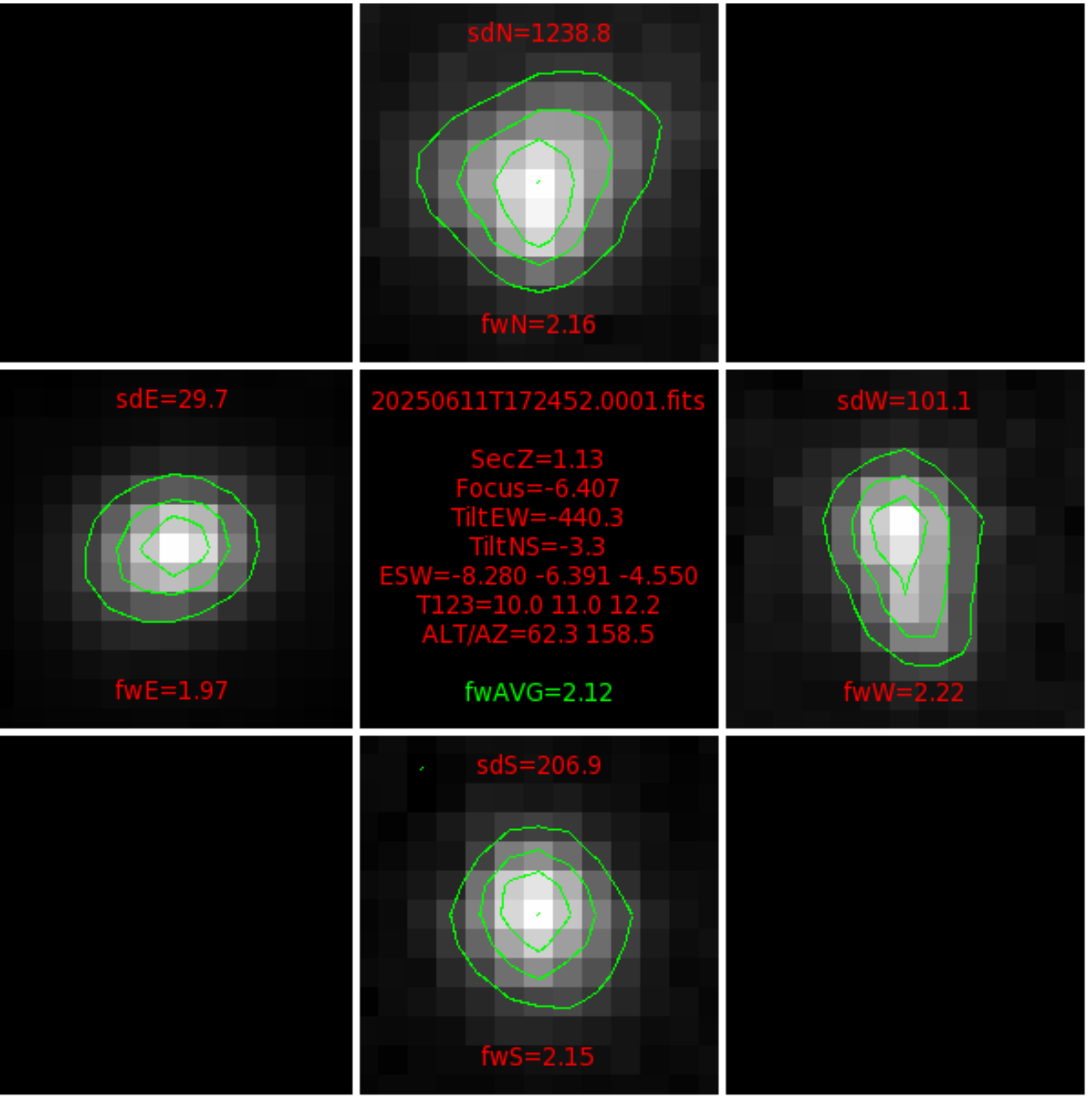
sdN=1238.8
fwN=2.16
sdE=29.7
fwE=1.97
20250611T172452.0001.fits
SecZ=1.13
Focus=-6.407
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.280 -6.391 -4.550
T123=10.0 11.0 12.2
ALT/AZ=62.3 158.5
fwAVG=2.12
sdW=101.1
fwW=2.22
sdS=206.9
fwS=2.15
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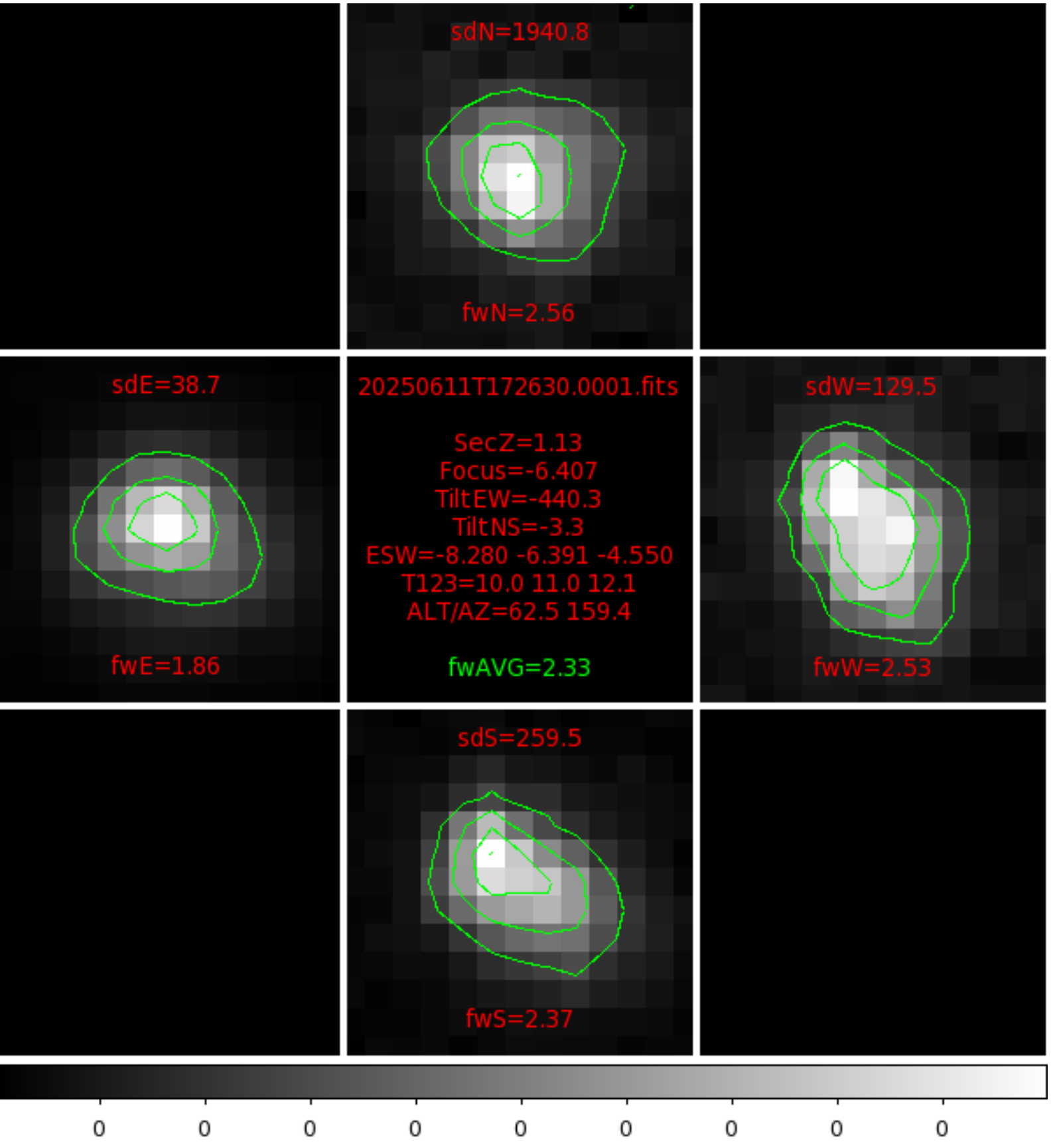
sdN=1940.8
fwN=2.56
sdE=38.7
fwE=1.86
20250611T172630.0001.fits
SecZ=1.13
Focus=-6.407
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.280 -6.391 -4.550
T123=10.0 11.0 12.1
ALT/AZ=62.5 159.4
fwAVG=2.33
sdW=129.5
fwW=2.53
sdS=259.5
fwS=2.37
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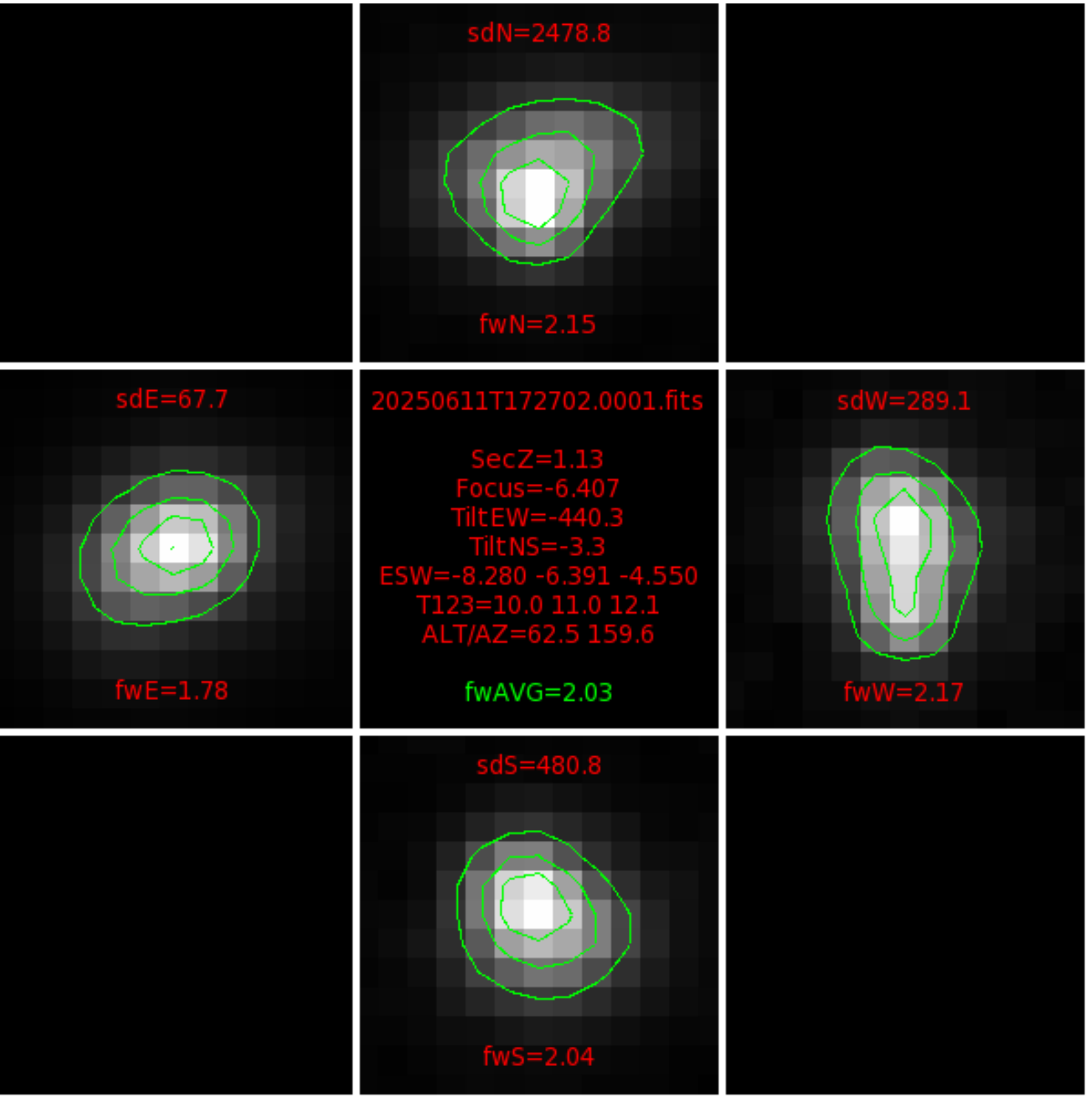
sdN=2478.8
fwN=2.15
sdE=67.7
fwE=1.78
20250611T172702.0001.fits
SecZ=1.13
Focus=-6.407
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.280 -6.391 -4.550
T123=10.0 11.0 12.1
ALT/AZ=62.5 159.6
fwAVG=2.03
sdW=289.1
fwW=2.17
sdS=480.8
fwS=2.04
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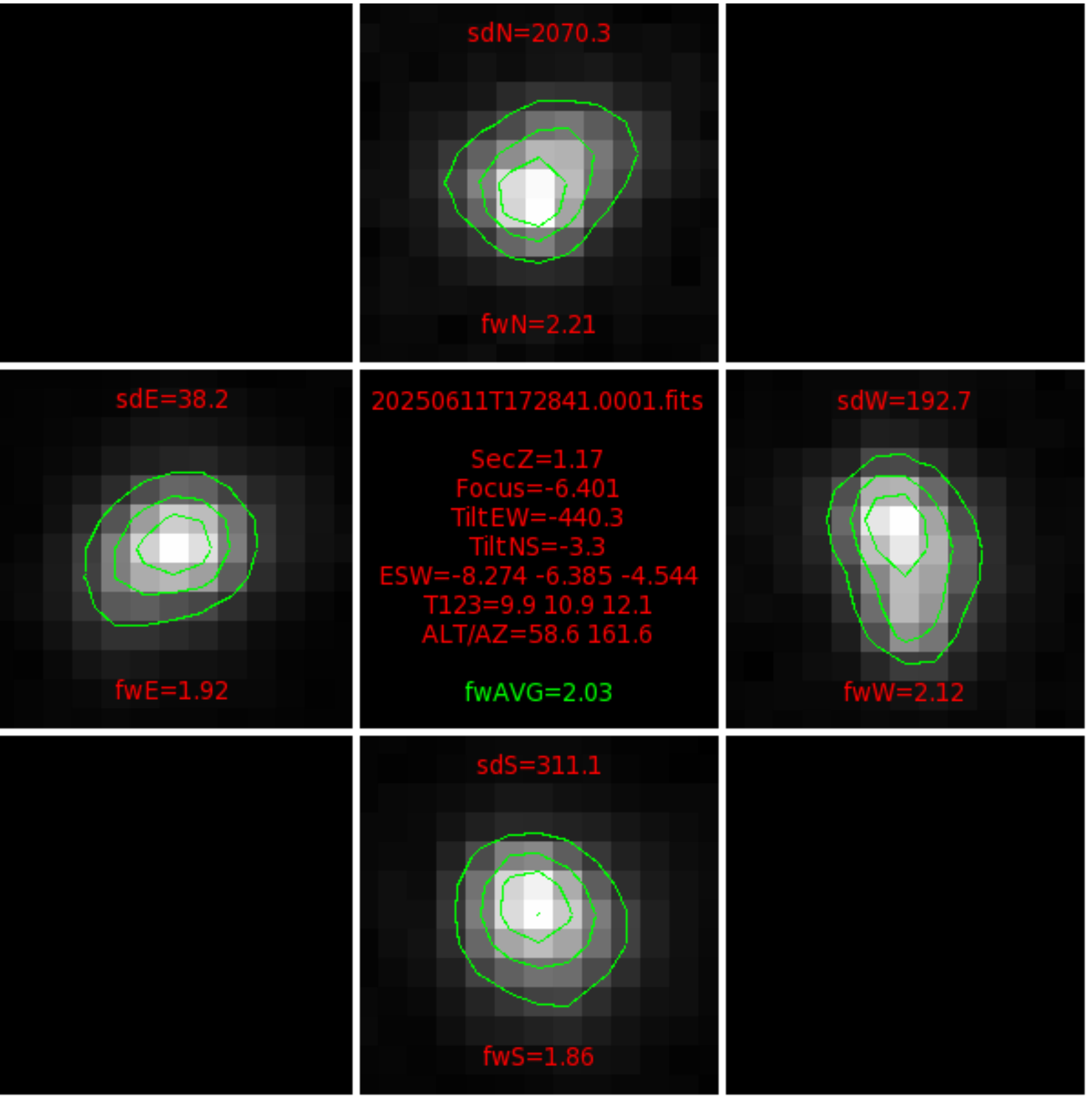
sdN=2070.3
fwN=2.21
sdE=38.2
fwE=1.92
20250611T172841.0001.fits
SecZ=1.17
Focus=-6.401
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.274 -6.385 -4.544
T123=9.9 10.9 12.1
ALT/AZ=58.6 161.6
fwAVG=2.03
sdW=192.7
fwW=2.12
sdS=311.1
fwS=1.86
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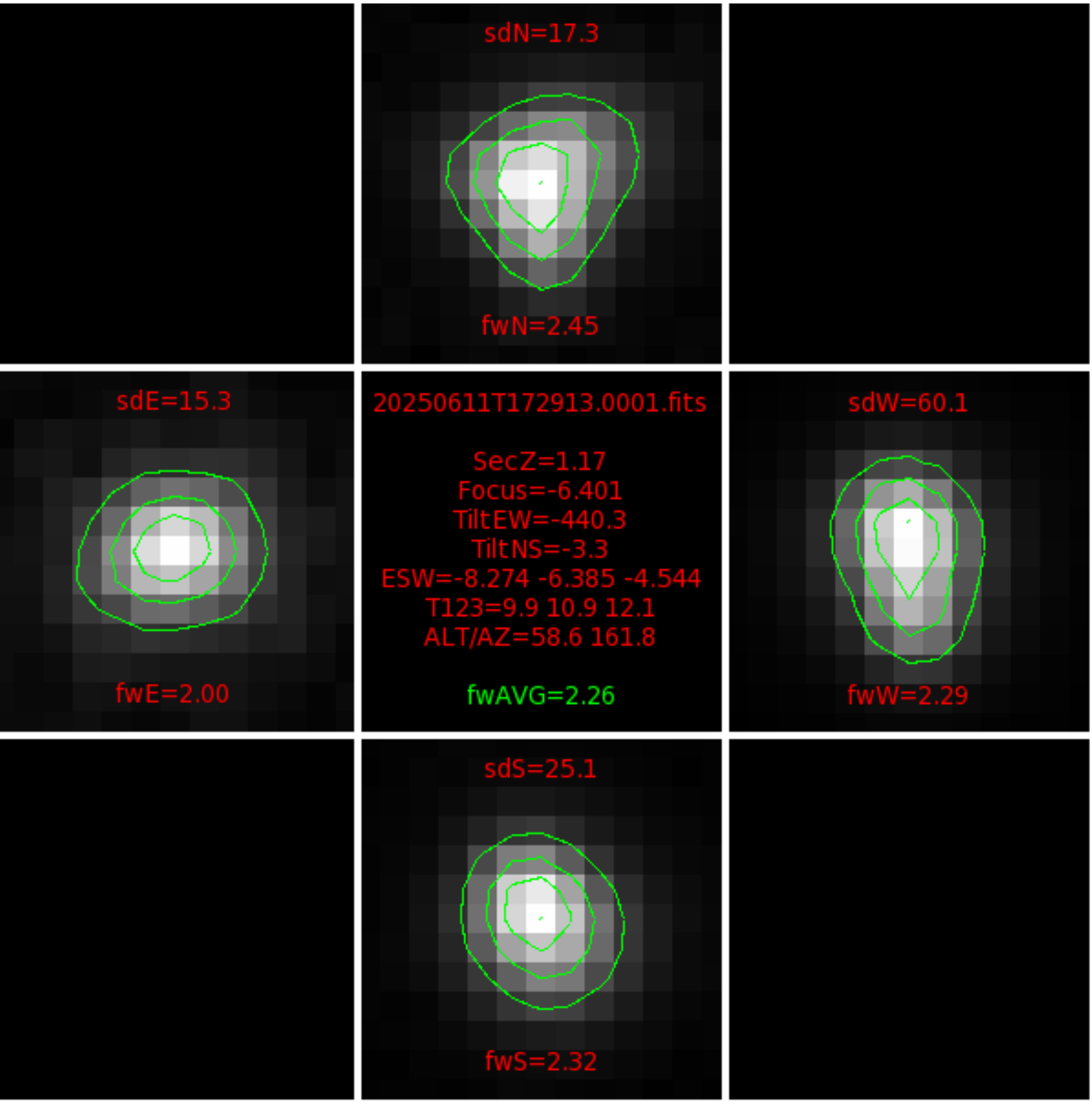
sdN=17.3
fwN=2.45
sdE=15.3
fwE=2.00
20250611T172913.0001.fits
SecZ=1.17
Focus=-6.401
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.274 -6.385 -4.544
T123=9.9 10.9 12.1
ALT/AZ=58.6 161.8
fwAVG=2.26
sdW=60.1
fwW=2.29
sdS=25.1
fwS=2.32
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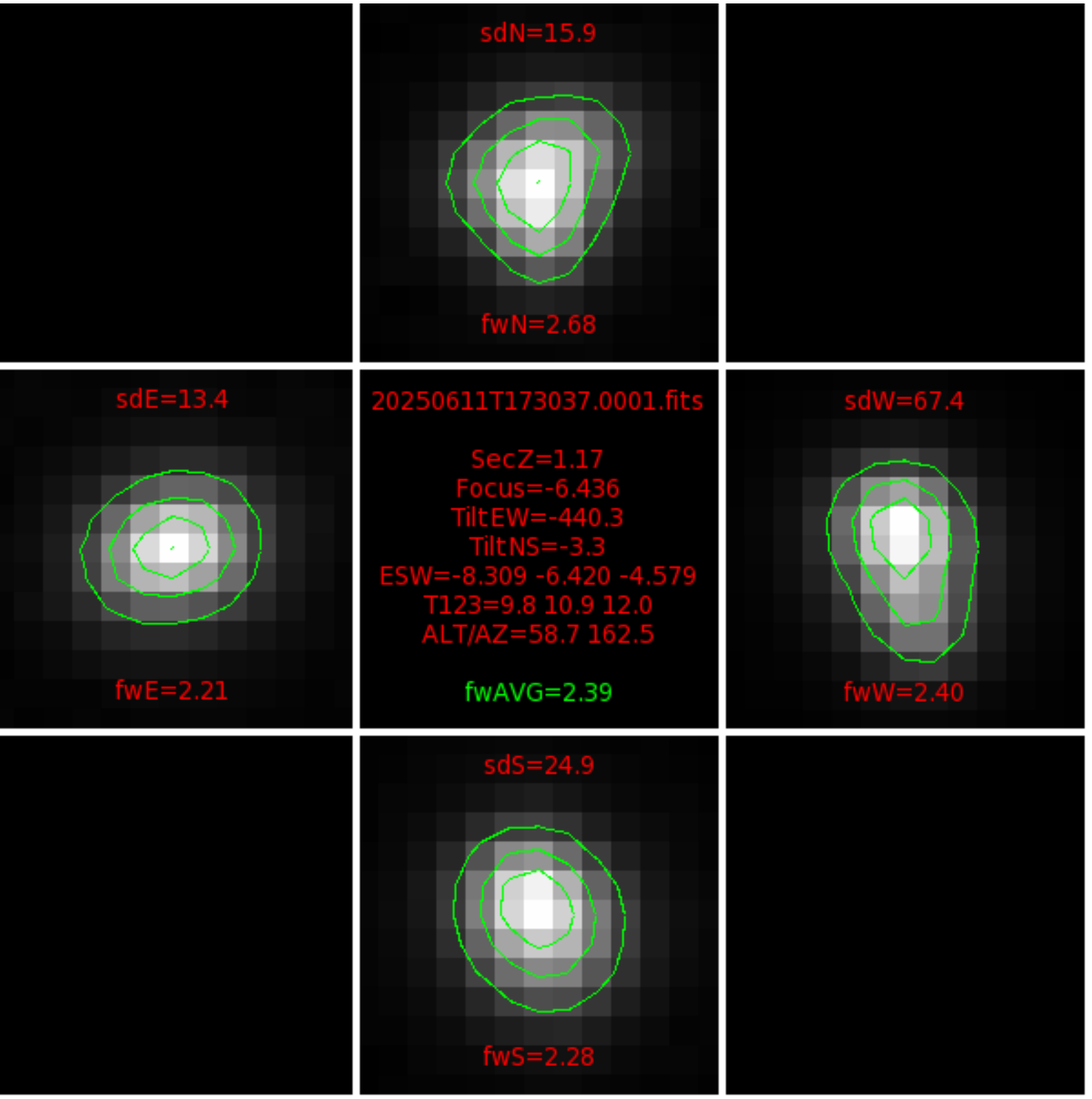
sdN=15.9
fwN=2.68
sdE=13.4
fwE=2.21
20250611T173037.0001.fits
SecZ=1.17
Focus=-6.436
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.309 -6.420 -4.579
T123=9.8 10.9 12.0
ALT/AZ=58.7 162.5
fwAVG=2.39
sdW=67.4
fwW=2.40
sdS=24.9
fwS=2.28
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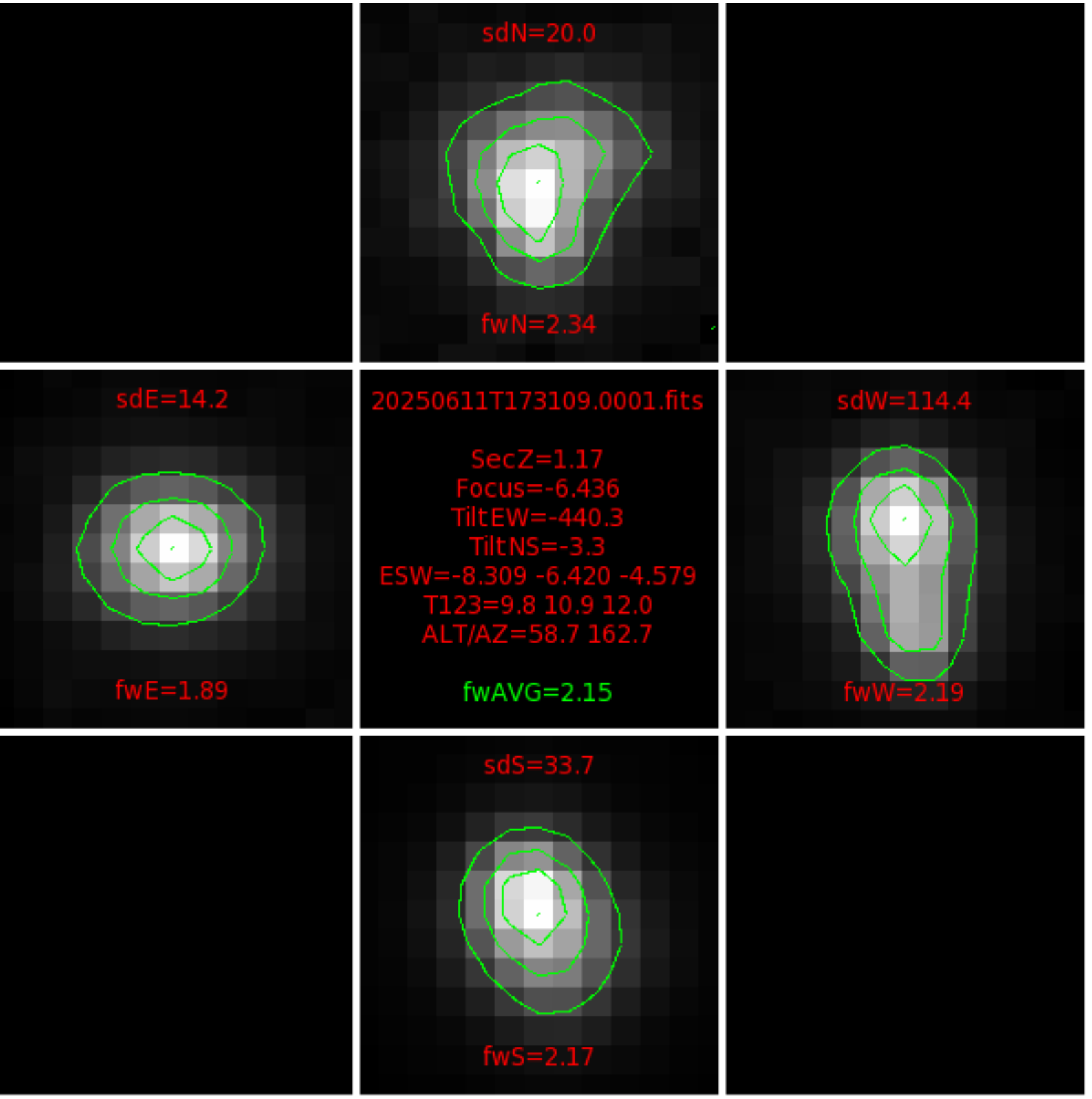
sdN=20.0
fwN=2.34
sdE=14.2
fwE=1.89
20250611T173109.0001.fits
SecZ=1.17
Focus=-6.436
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.309 -6.420 -4.579
T123=9.8 10.9 12.0
ALT/AZ=58.7 162.7
fwAVG=2.15
sdW=114.4
fwW=2.19
sdS=33.7
fwS=2.17
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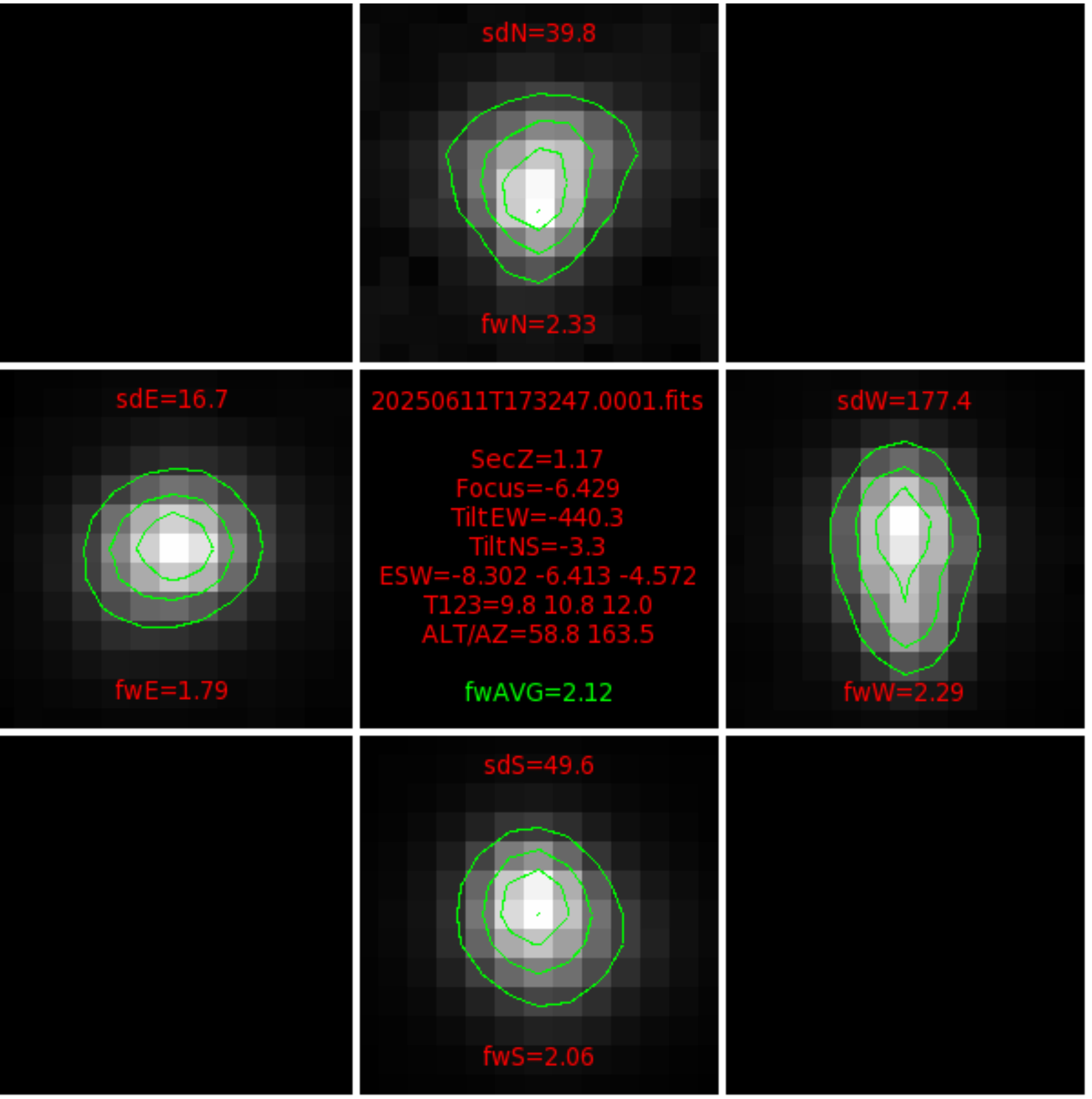
sdN=39.8
fwN=2.33
sdE=16.7
fwE=1.79
20250611T173247.0001.fits
SecZ=1.17
Focus=-6.429
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.302 -6.413 -4.572
T123=9.8 10.8 12.0
ALT/AZ=58.8 163.5
fwAVG=2.12
sdW=177.4
fwW=2.29
sdS=49.6
fwS=2.06
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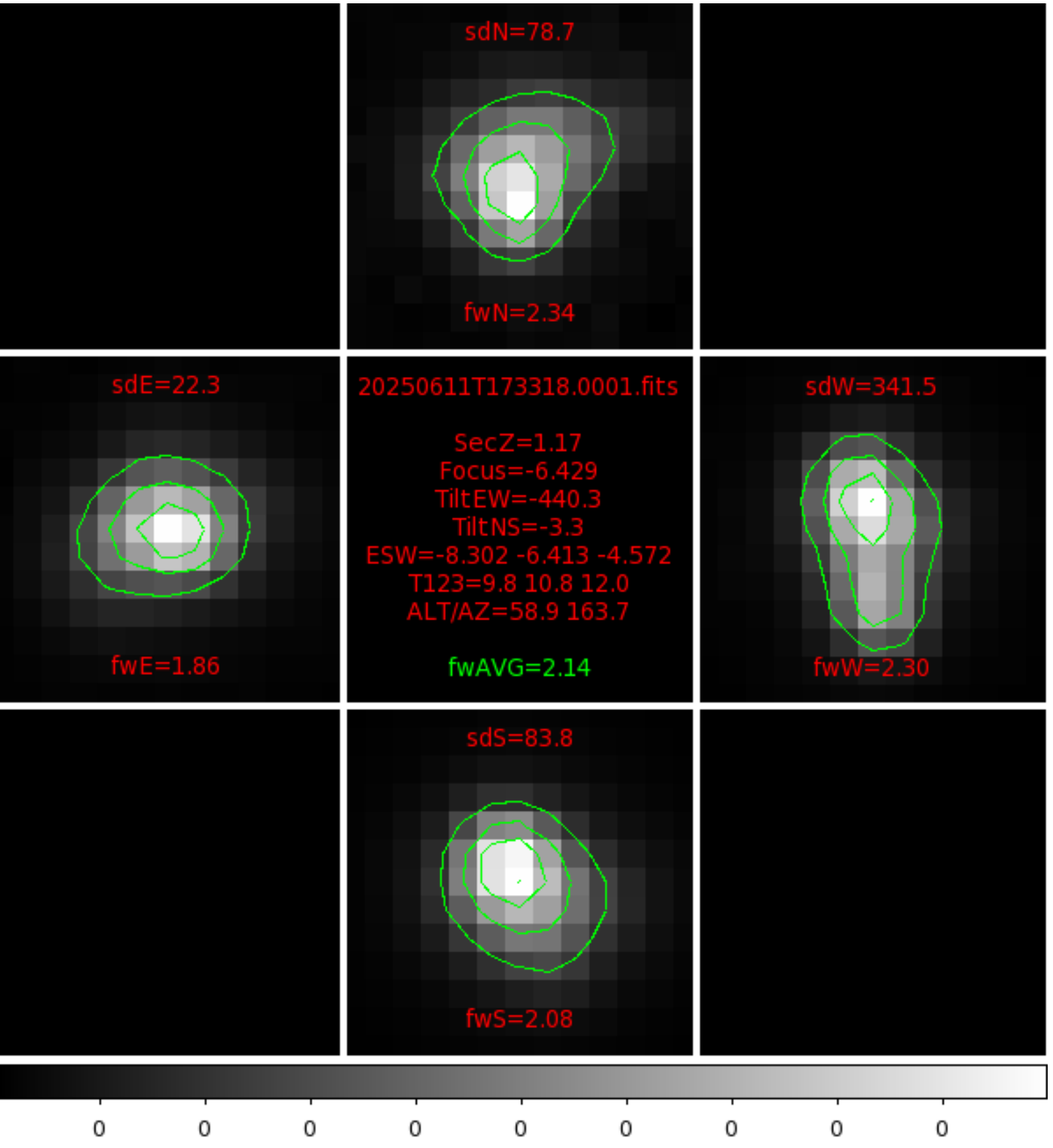
sdN=78.7
fwN=2.34
sdE=22.3
fwE=1.86
20250611T173318.0001.fits
SecZ=1.17
Focus=-6.429
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.302 -6.413 -4.572
T123=9.8 10.8 12.0
ALT/AZ=58.9 163.7
fwAVG=2.14
sdW=341.5
fwW=2.30
sdS=83.8
fwS=2.08
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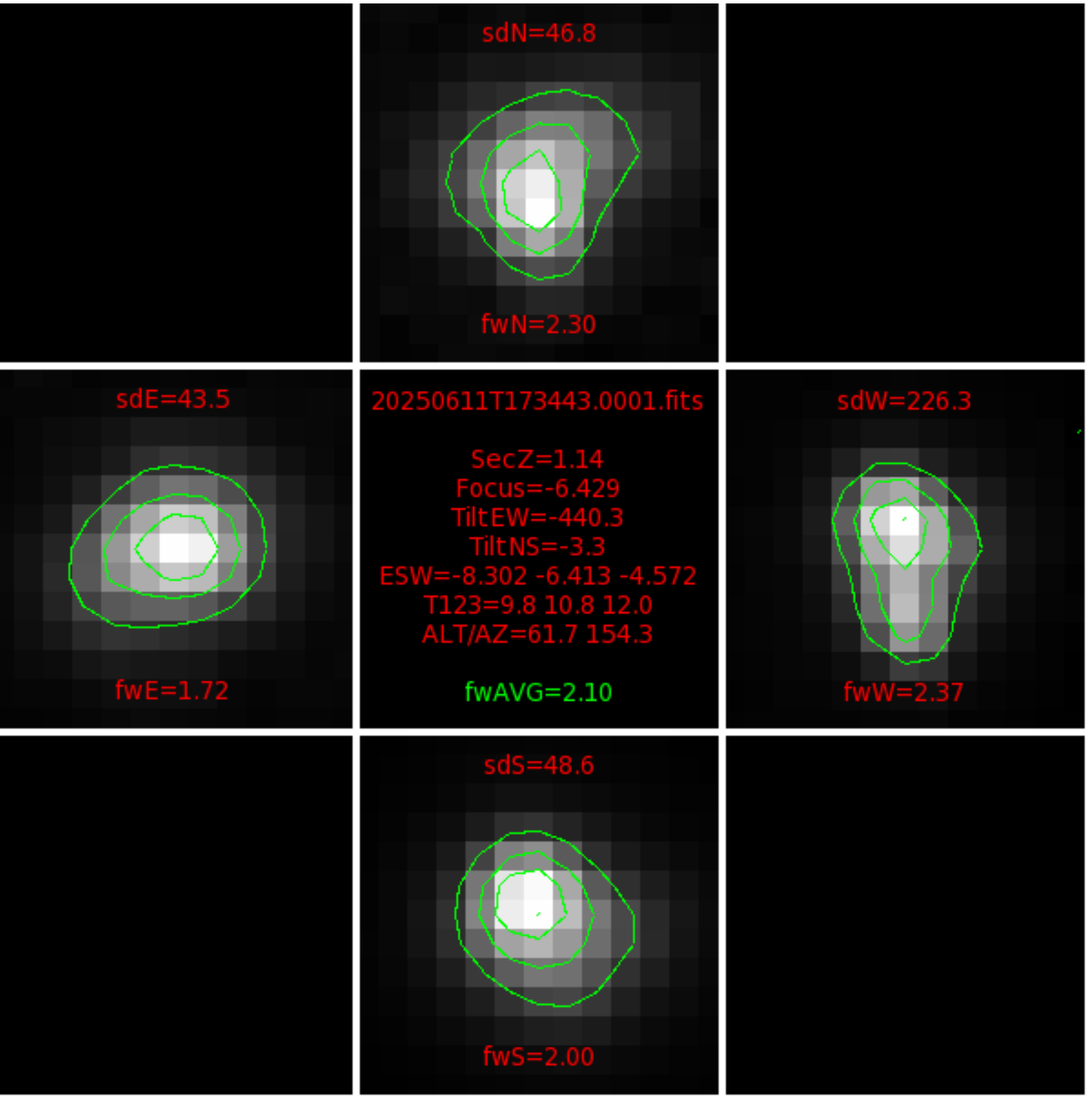
sdN=46.8
fwN=2.30
sdE=43.5
fwE=1.72
20250611T173443.0001.fits
SecZ=1.14
Focus=-6.429
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.302 -6.413 -4.572
T123=9.8 10.8 12.0
ALT/AZ=61.7 154.3
fwAVG=2.10
sdW=226.3
fwW=2.37
sdS=48.6
fwS=2.00
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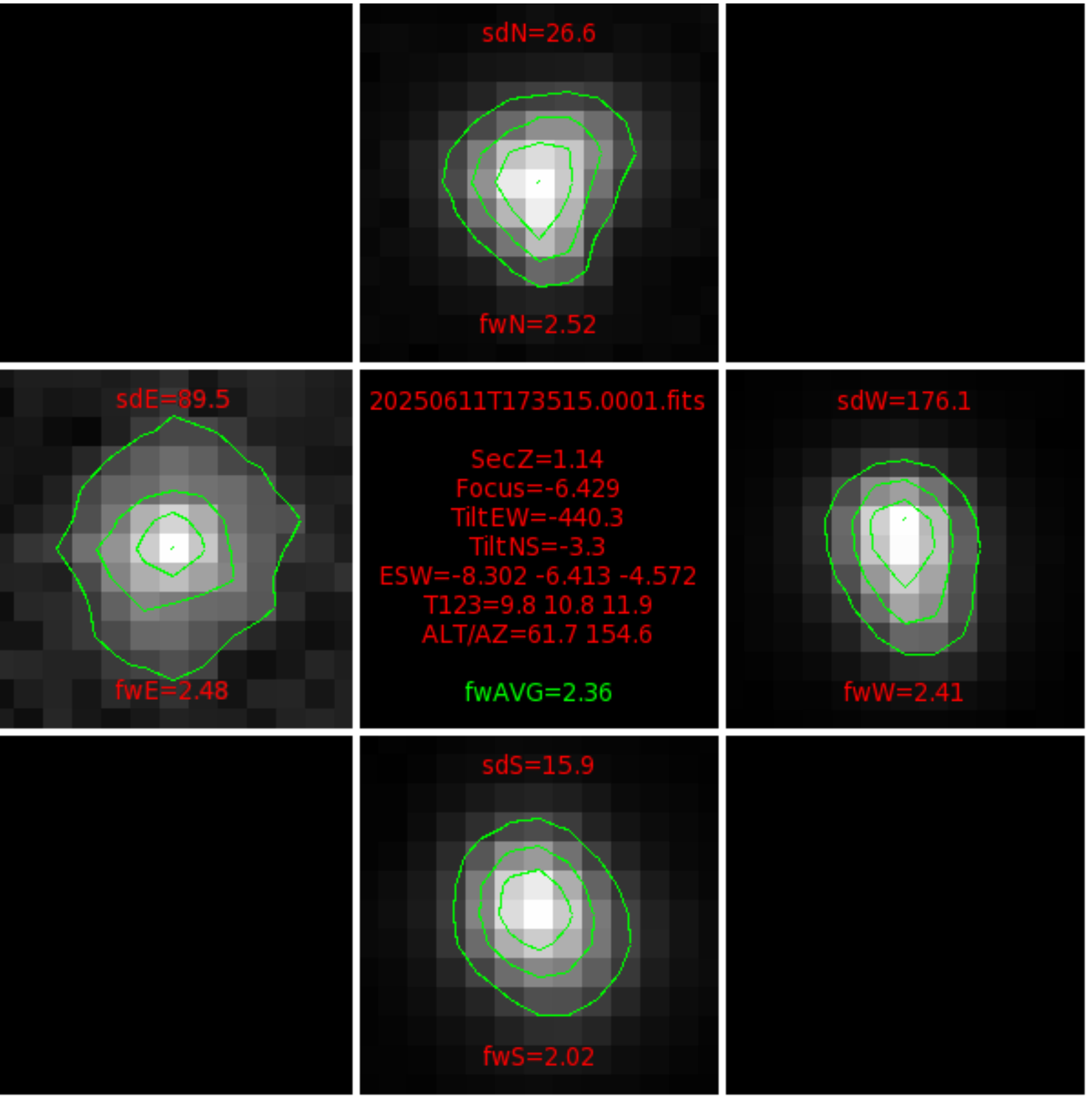
sdN=26.6
fwN=2.52
sdE=89.5
fwE=2.48
20250611T173515.0001.fits
SecZ=1.14
Focus=-6.429
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.302 -6.413 -4.572
T123=9.8 10.8 11.9
ALT/AZ=61.7 154.6
fwAVG=2.36
sdW=176.1
fwW=2.41
sdS=15.9
fwS=2.02
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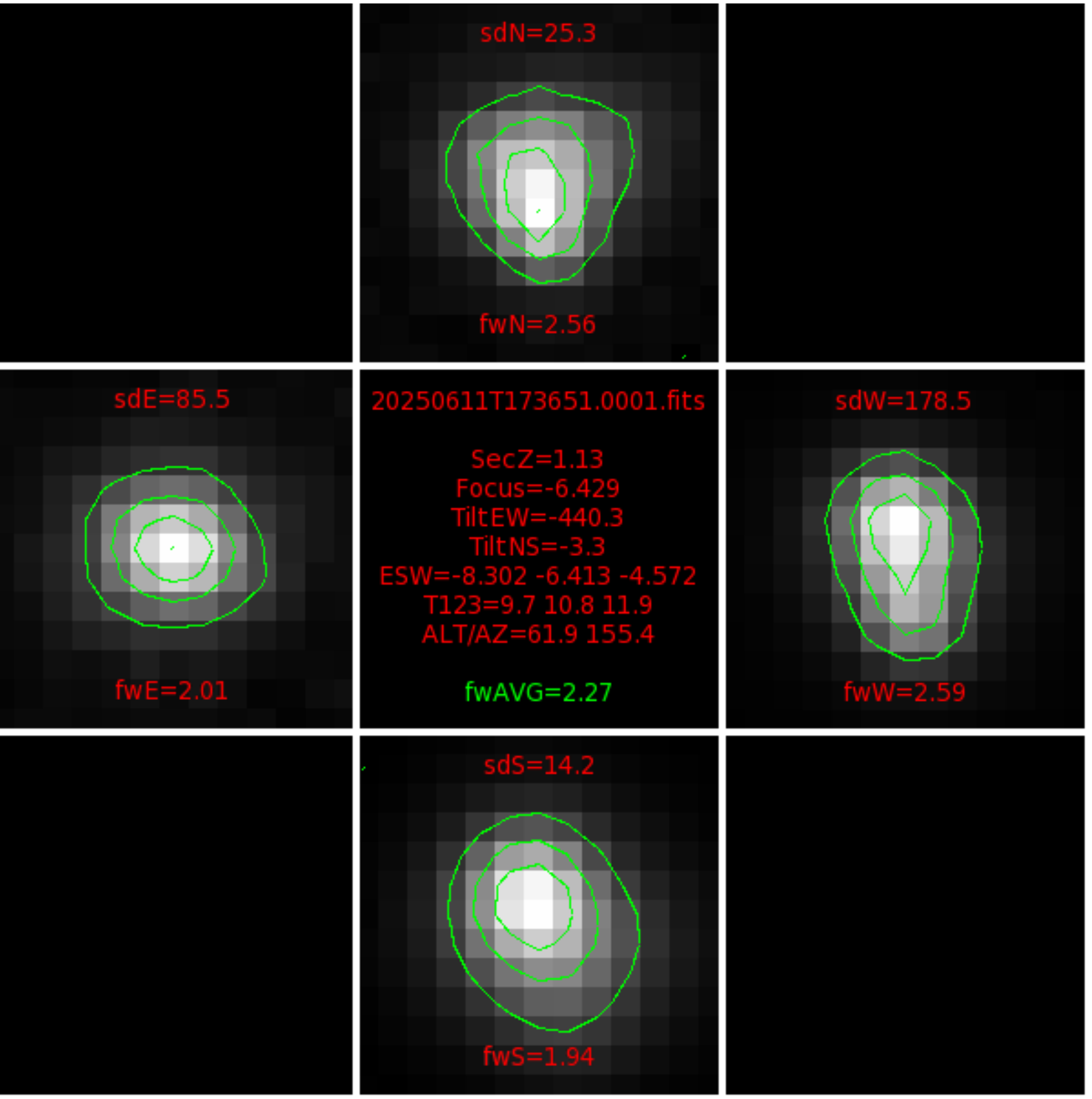
sdN=25.3
fwN=2.56
sdE=85.5
fwE=2.01
20250611T173651.0001.fits
SecZ=1.13
Focus=-6.429
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.302 -6.413 -4.572
T123=9.7 10.8 11.9
ALT/AZ=61.9 155.4
fwAVG=2.27
sdW=178.5
fwW=2.59
sdS=14.2
fwS=1.94
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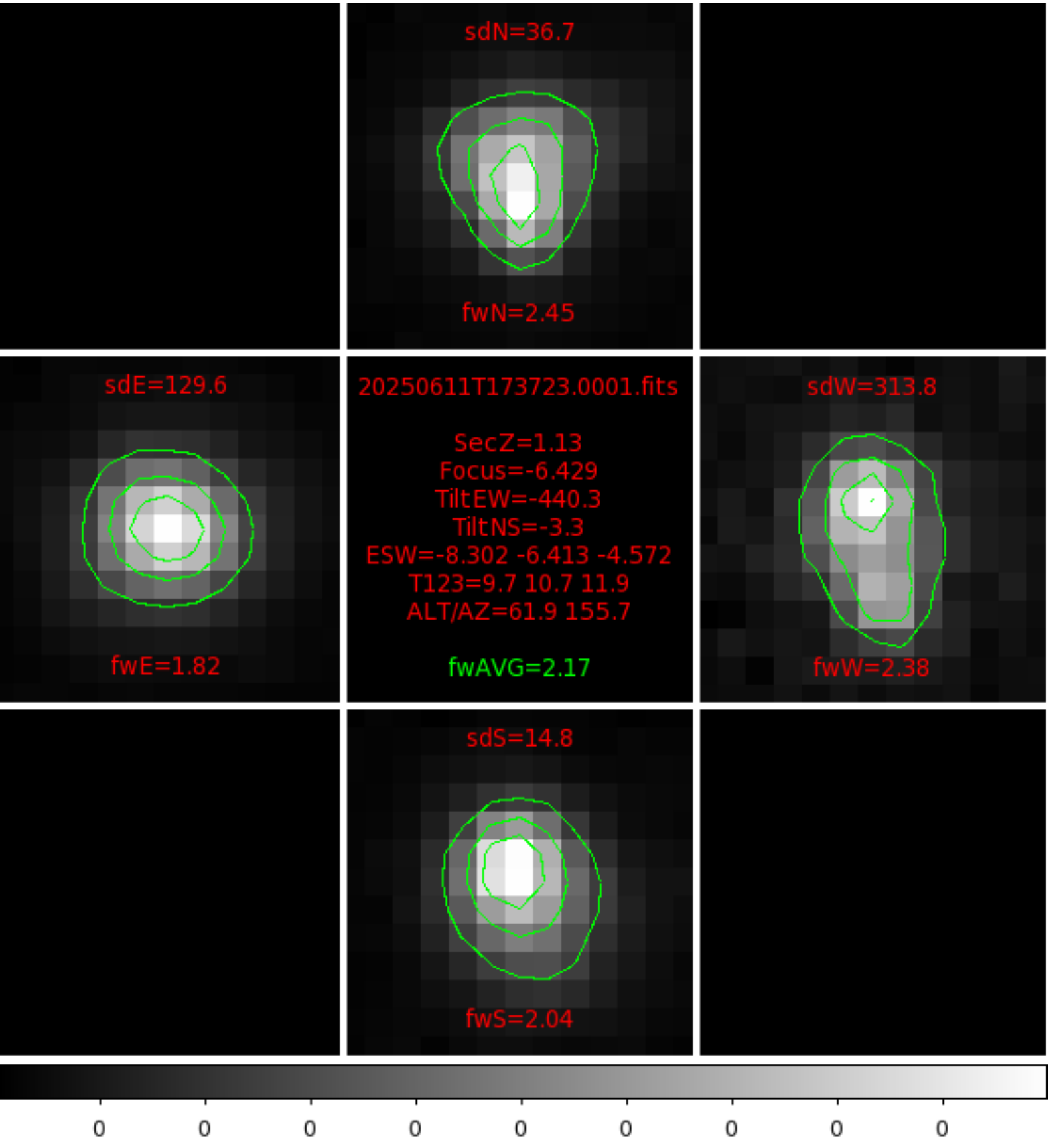
sdN=36.7
fwN=2.45
sdE=129.6
fwE=1.82
20250611T173723.0001.fits
SecZ=1.13
Focus=-6.429
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.302 -6.413 -4.572
T123=9.7 10.7 11.9
ALT/AZ=61.9 155.7
fwAVG=2.17
sdW=313.8
fwW=2.38
sdS=14.8
fwS=2.04
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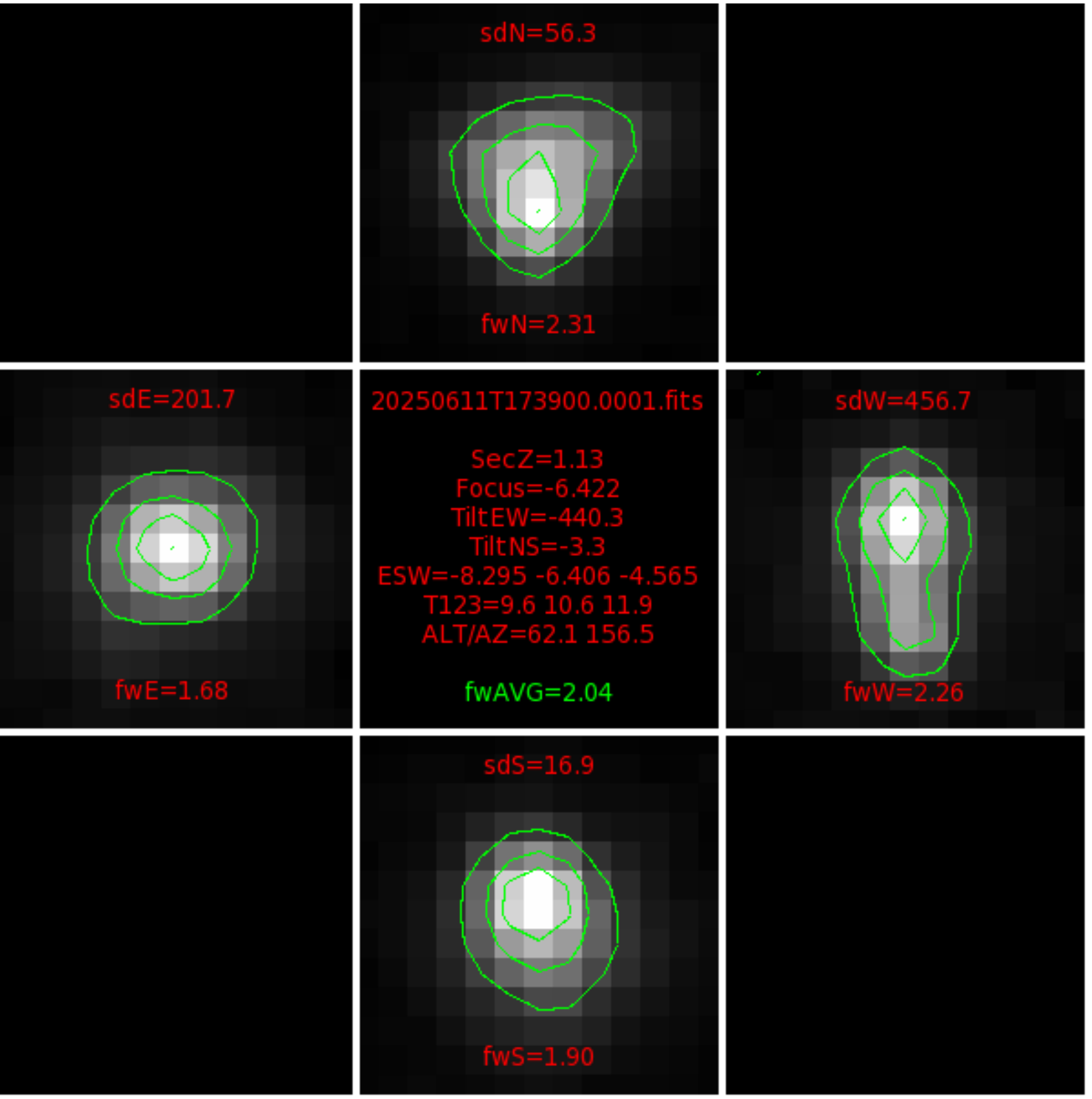
sdN=56.3
fwN=2.31
sdE=201.7
fwE=1.68
20250611T173900.0001.fits
SecZ=1.13
Focus=-6.422
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.295 -6.406 -4.565
T123=9.6 10.6 11.9
ALT/AZ=62.1 156.5
fwAVG=2.04
sdW=456.7
fwW=2.26
sdS=16.9
fwS=1.90
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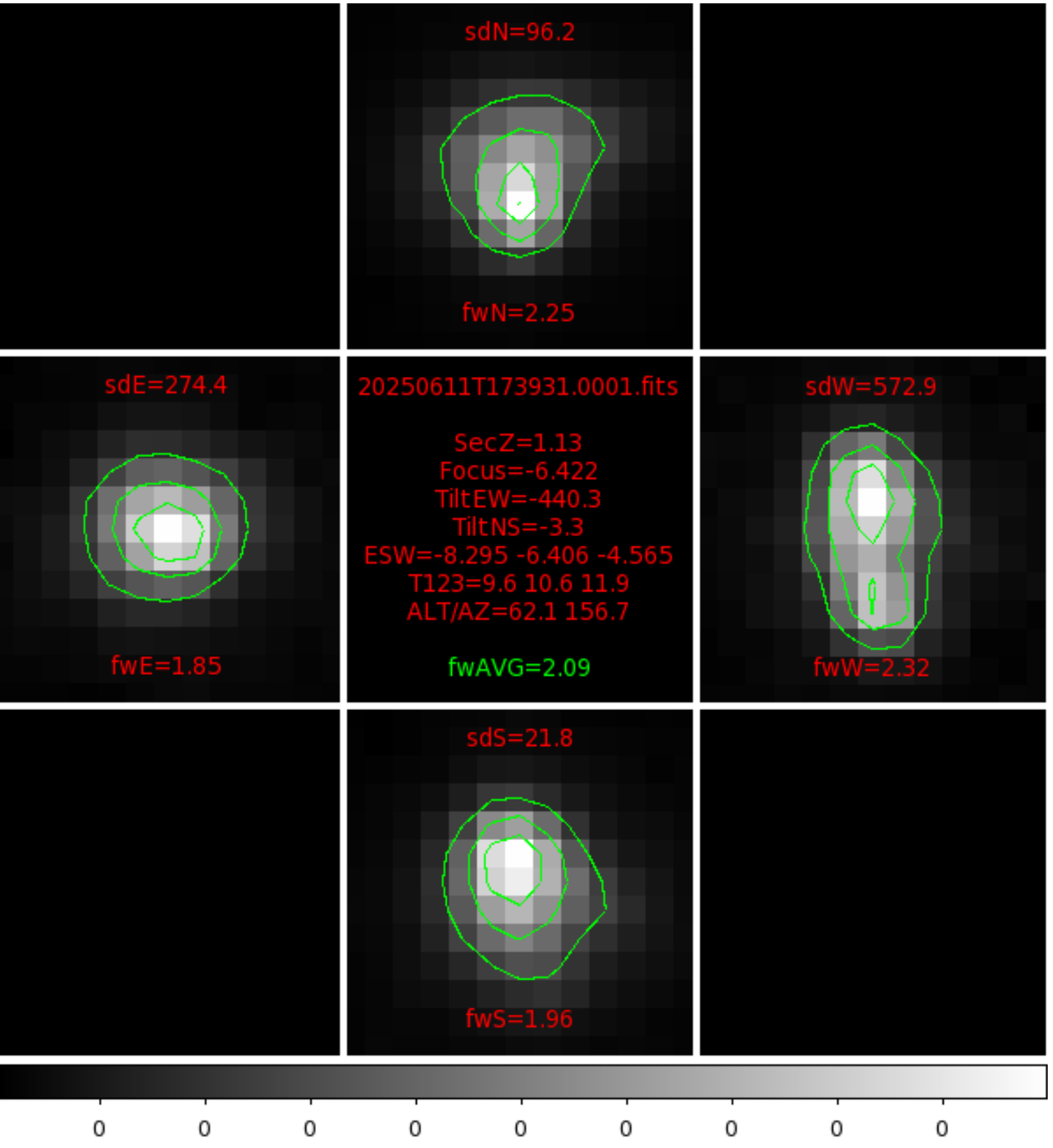
sdN=96.2
fwN=2.25
sdE=274.4
fwE=1.85
20250611T173931.0001.fits
SecZ=1.13
Focus=-6.422
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.295 -6.406 -4.565
T123=9.6 10.6 11.9
ALT/AZ=62.1 156.7
fwAVG=2.09
sdW=572.9
fwW=2.32
sdS=21.8
fwS=1.96
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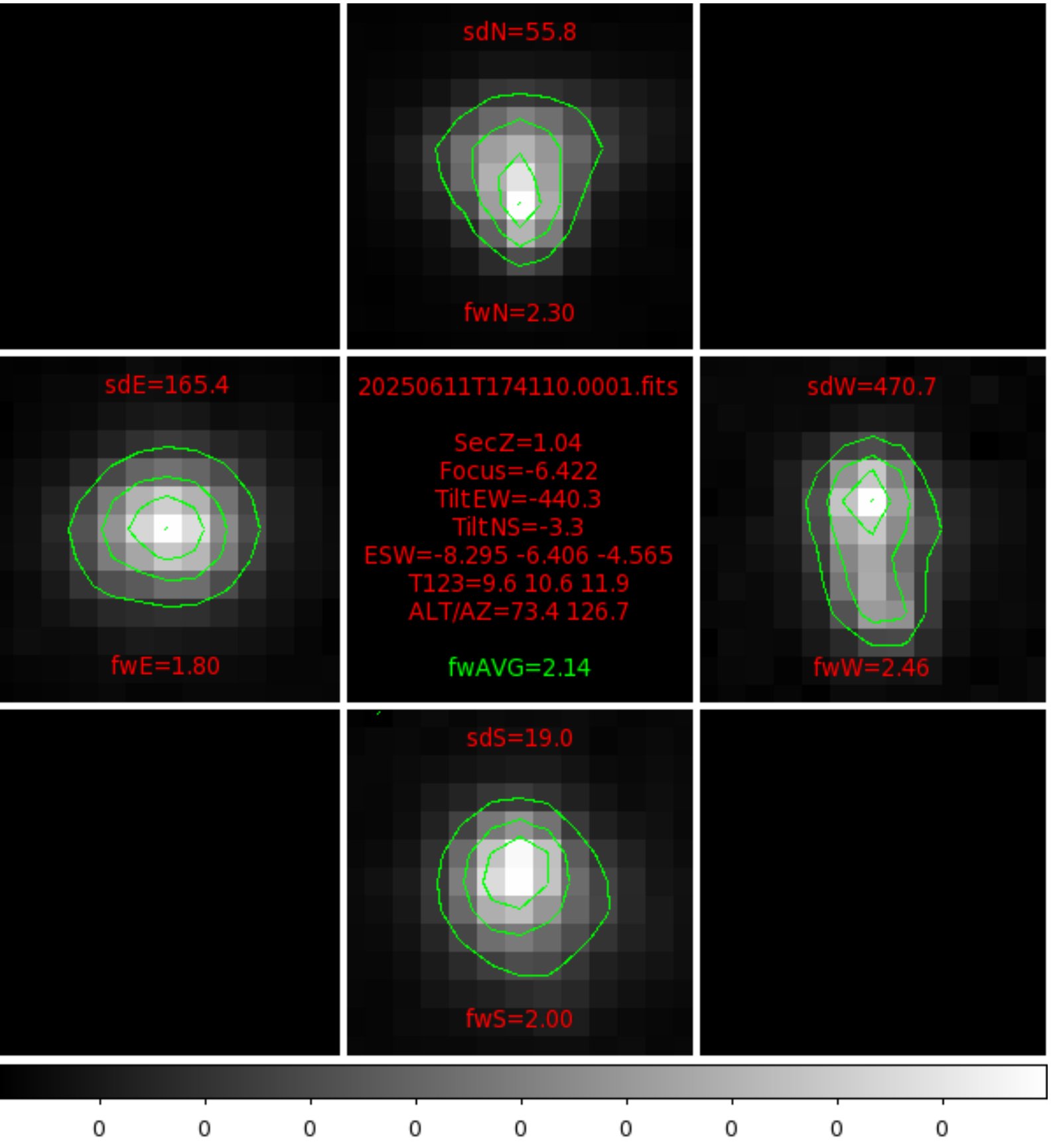
sdN=55.8
fwN=2.30
sdE=165.4
fwE=1.80
20250611T174110.0001.fits
SecZ=1.04
Focus=-6.422
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.295 -6.406 -4.565
T123=9.6 10.6 11.9
ALT/AZ=73.4 126.7
fwAVG=2.14
sdW=470.7
fwW=2.46
sdS=19.0
fwS=2.00
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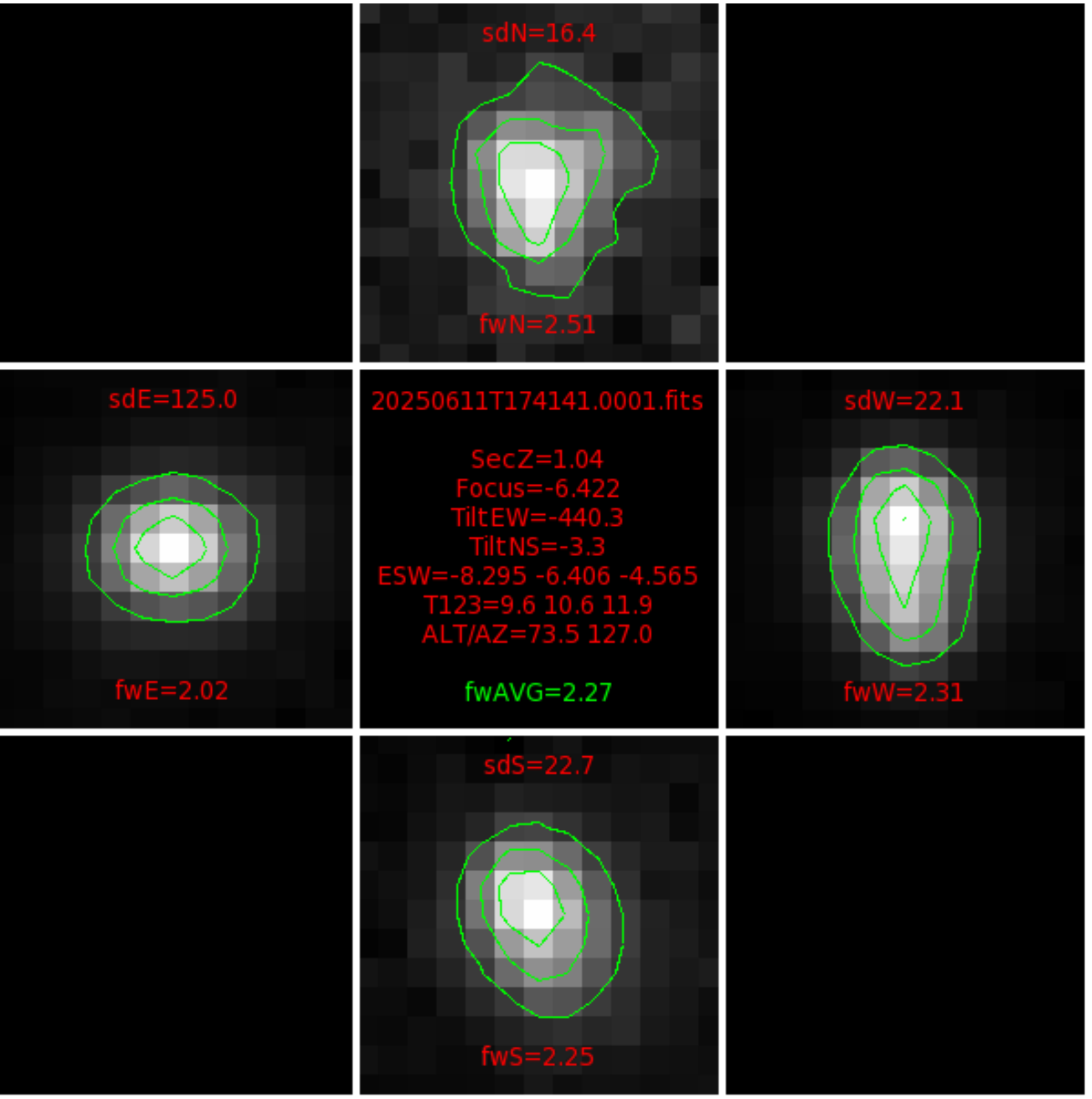
sdN=16.4
fwN=2.51
sdE=125.0
fwE=2.02
20250611T174141.0001.fits
SecZ=1.04
Focus=-6.422
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.295 -6.406 -4.565
T123=9.6 10.6 11.9
ALT/AZ=73.5 127.0
fwAVG=2.27
sdW=22.1
fwW=2.31
sdS=22.7
fwS=2.25
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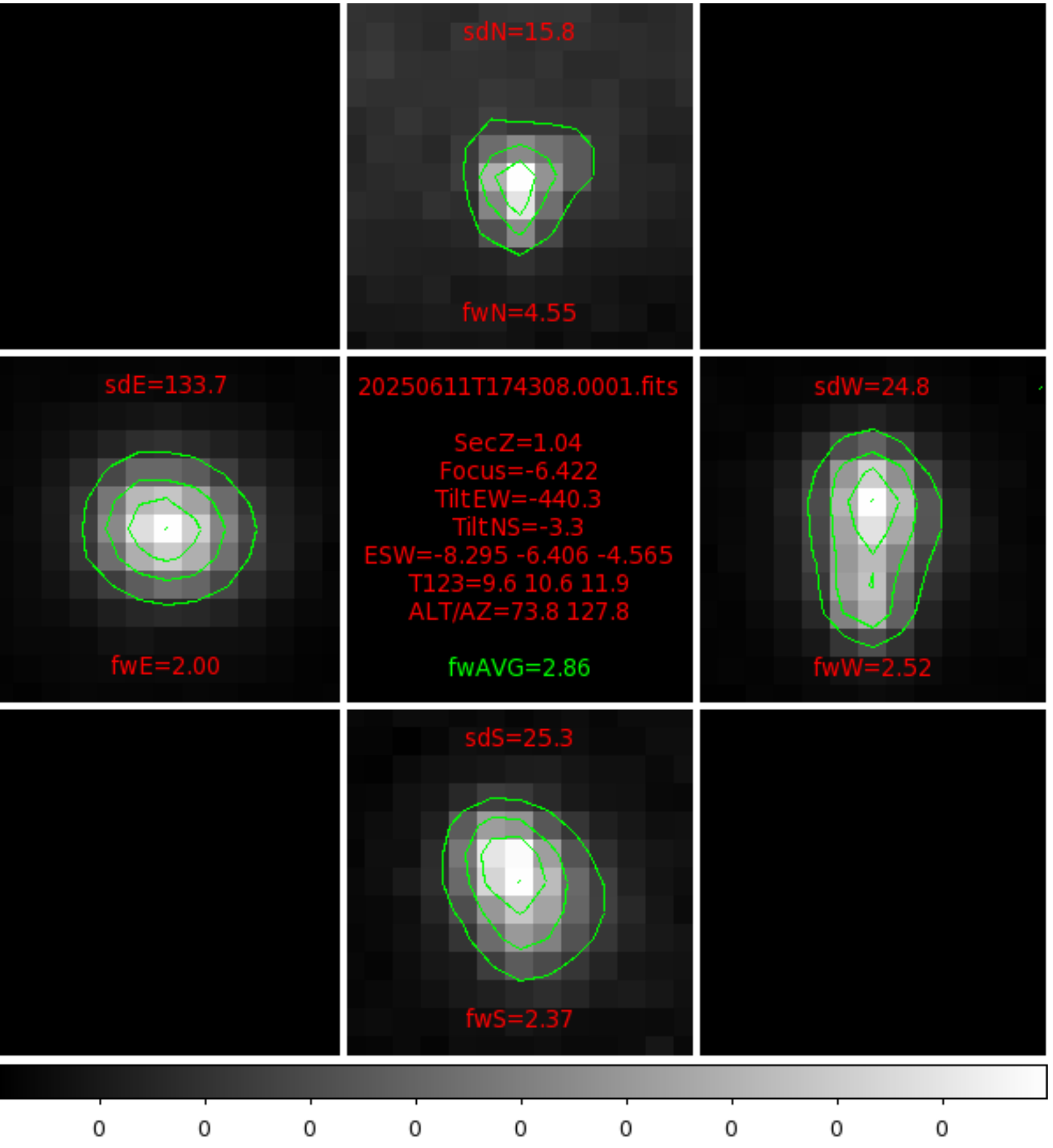
sdN=15.8
fwN=4.55
sdE=133.7
fwE=2.00
20250611T174308.0001.fits
SecZ=1.04
Focus=-6.422
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.295 -6.406 -4.565
T123=9.6 10.6 11.9
ALT/AZ=73.8 127.8
fwAVG=2.86
sdW=24.8
fwW=2.52
sdS=25.3
fwS=2.37
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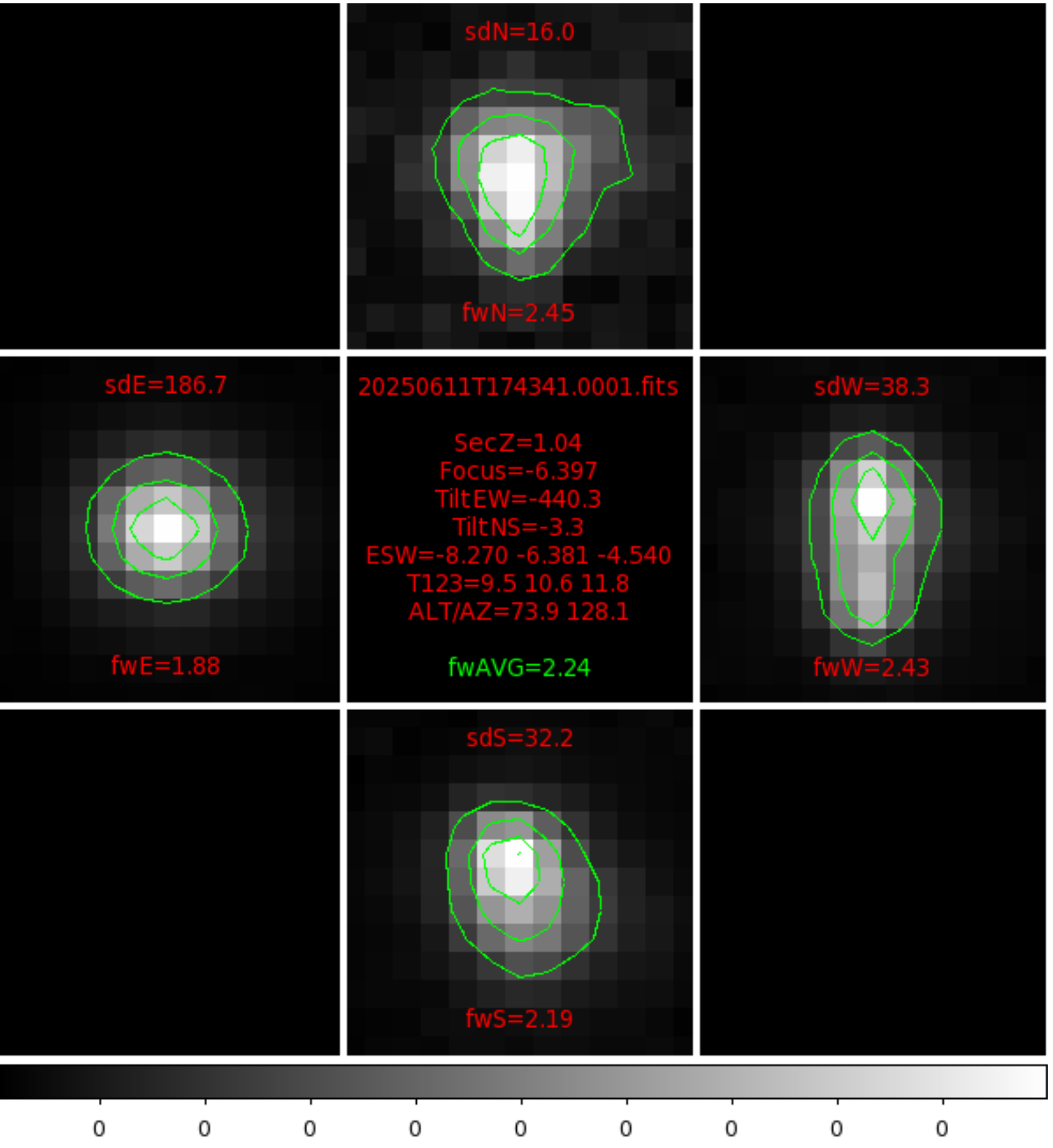
sdN=16.0
fwN=2.45
sdE=186.7
fwE=1.88
20250611T174341.0001.fits
SecZ=1.04
Focus=-6.397
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.270 -6.381 -4.540
T123=9.5 10.6 11.8
ALT/AZ=73.9 128.1
fwAVG=2.24
sdW=38.3
fwW=2.43
sdS=32.2
fwS=2.19
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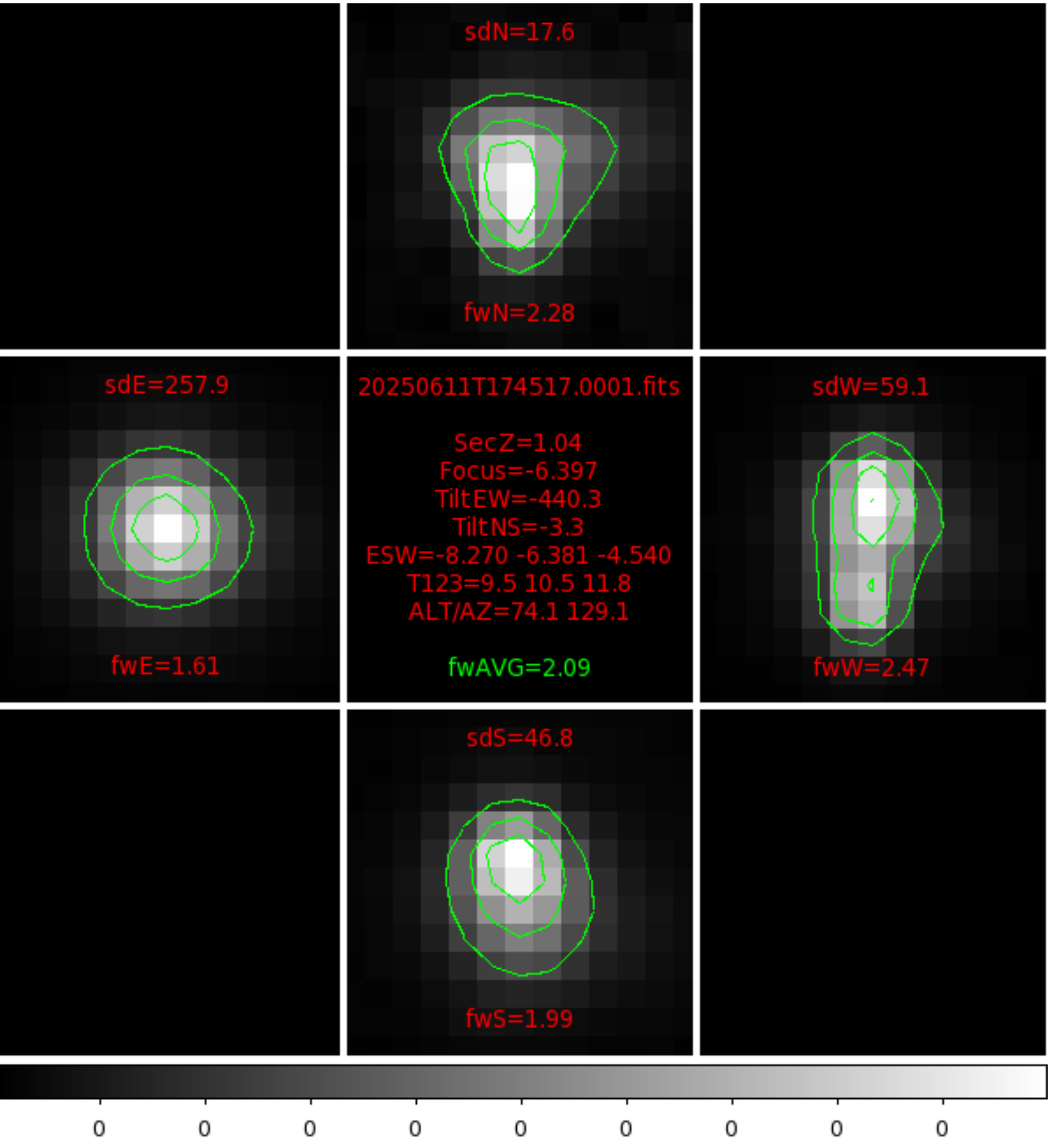
sdN=17.6
fwN=2.28
sdE=257.9
fwE=1.61
20250611T174517.0001.fits
SecZ=1.04
Focus=-6.397
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.270 -6.381 -4.540
T123=9.5 10.5 11.8
ALT/AZ=74.1 129.1
fwAVG=2.09
sdW=59.1
fwW=2.47
sdS=46.8
fwS=1.99
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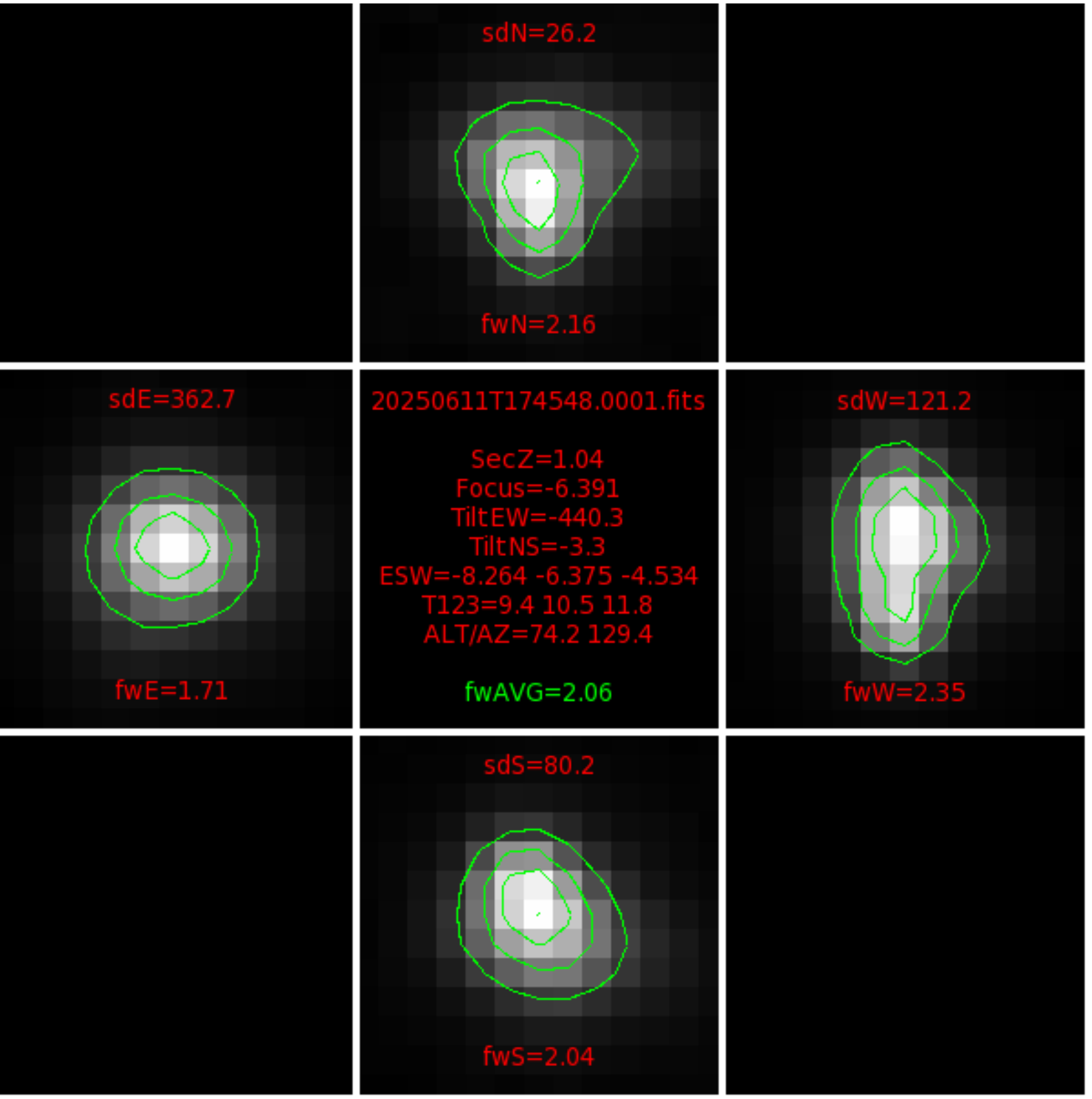
sdN=26.2
fwN=2.16
sdE=362.7
fwE=1.71
20250611T174548.0001.fits
SecZ=1.04
Focus=-6.391
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.264 -6.375 -4.534
T123=9.4 10.5 11.8
ALT/AZ=74.2 129.4
fwAVG=2.06
sdW=121.2
fwW=2.35
sdS=80.2
fwS=2.04
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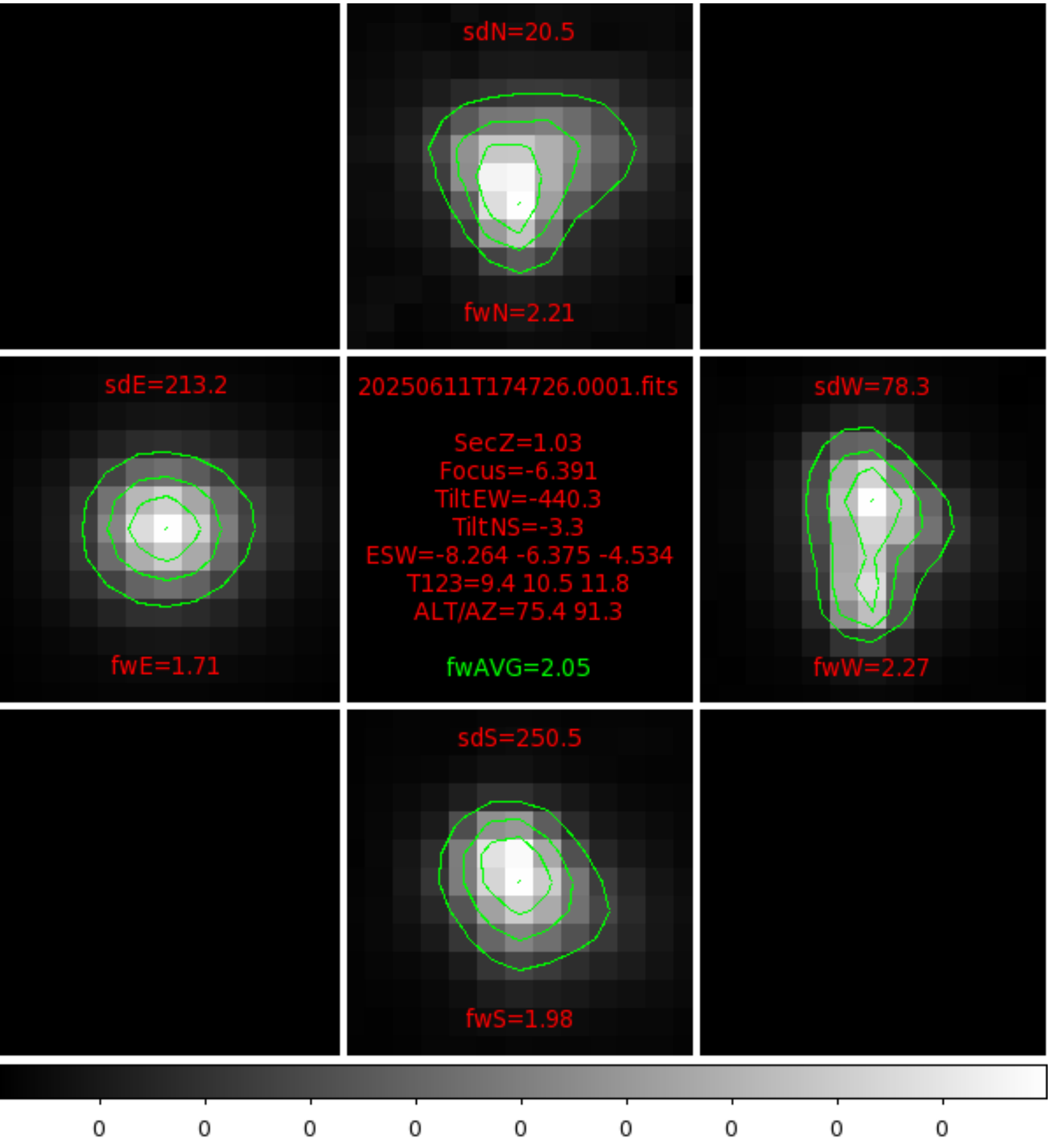
sdN=20.5
fwN=2.21
sdE=213.2
fwE=1.71
20250611T174726.0001.fits
SecZ=1.03
Focus=-6.391
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.264 -6.375 -4.534
T123=9.4 10.5 11.8
ALT/AZ=75.4 91.3
fwAVG=2.05
sdW=78.3
fwW=2.27
sdS=250.5
fwS=1.98
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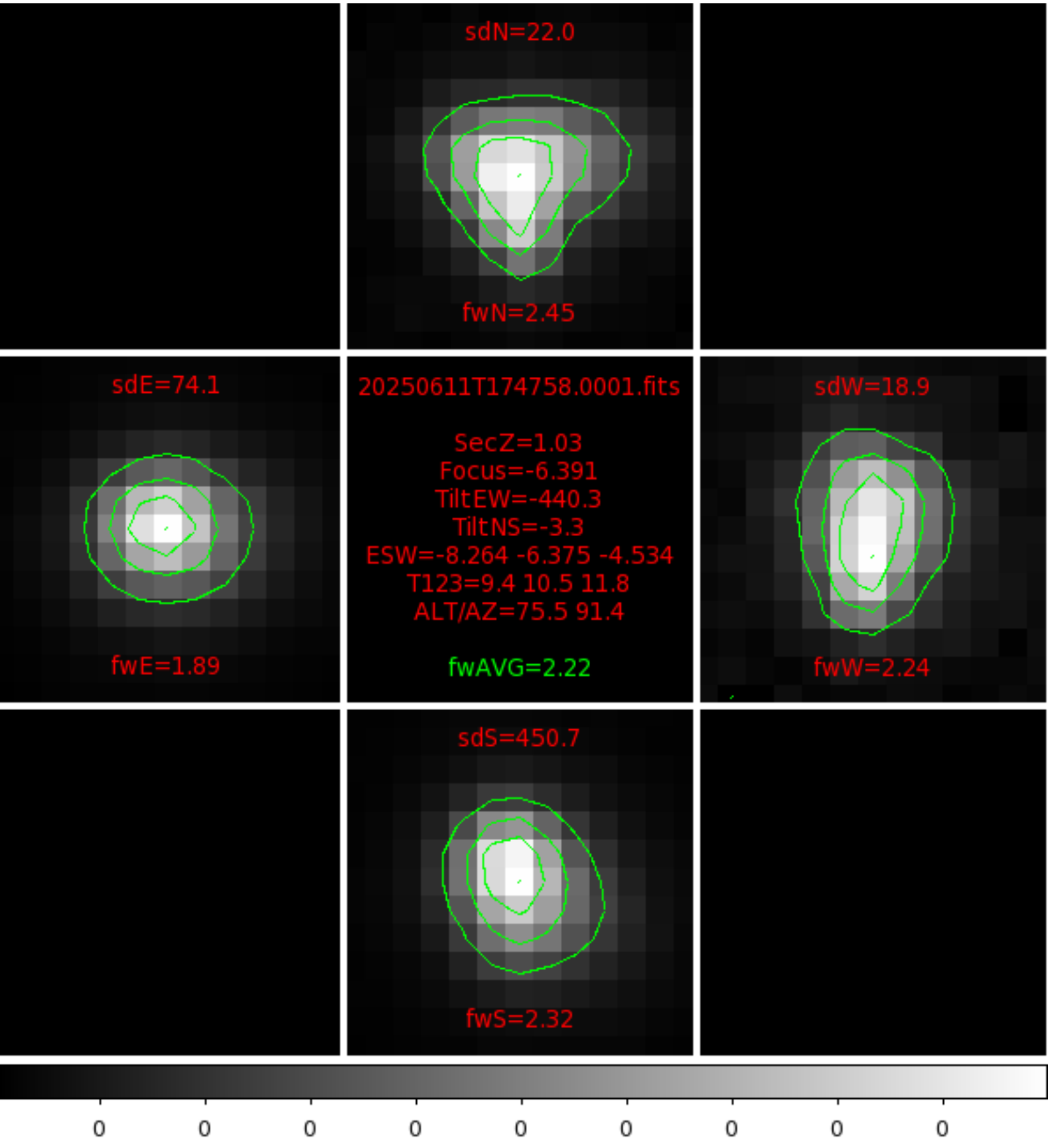
sdN=22.0
fwN=2.45
sdE=74.1
fwE=1.89
20250611T174758.0001.fits
SecZ=1.03
Focus=-6.391
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.264 -6.375 -4.534
T123=9.4 10.5 11.8
ALT/AZ=75.5 91.4
fwAVG=2.22
sdW=18.9
fwW=2.24
sdS=450.7
fwS=2.32
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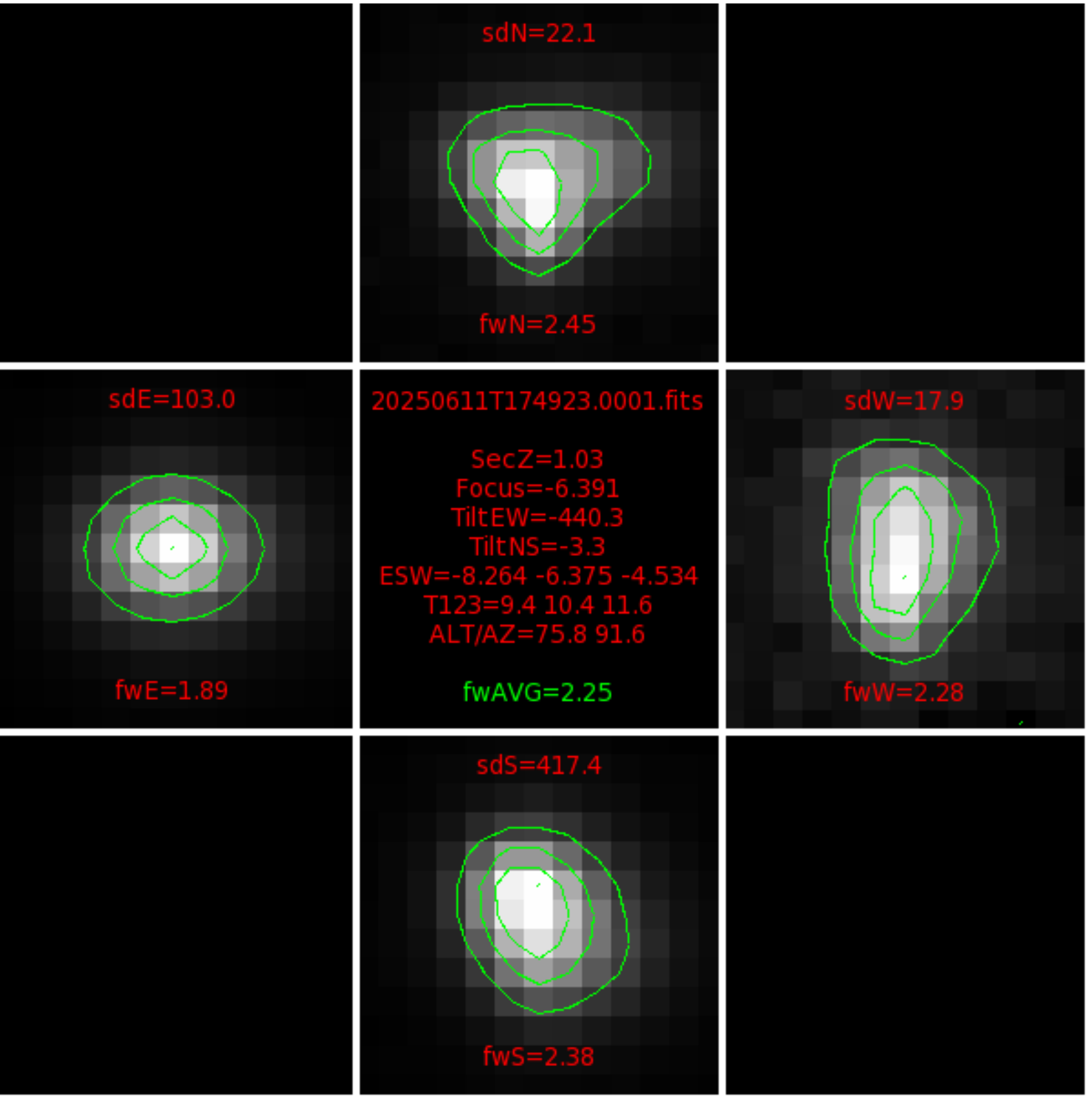
sdN=22.1
fwN=2.45
sdE=103.0
fwE=1.89
20250611T174923.0001.fits
SecZ=1.03
Focus=-6.391
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.264 -6.375 -4.534
T123=9.4 10.4 11.6
ALT/AZ=75.8 91.6
fwAVG=2.25
sdW=17.9
fwW=2.28
sdS=417.4
fwS=2.38
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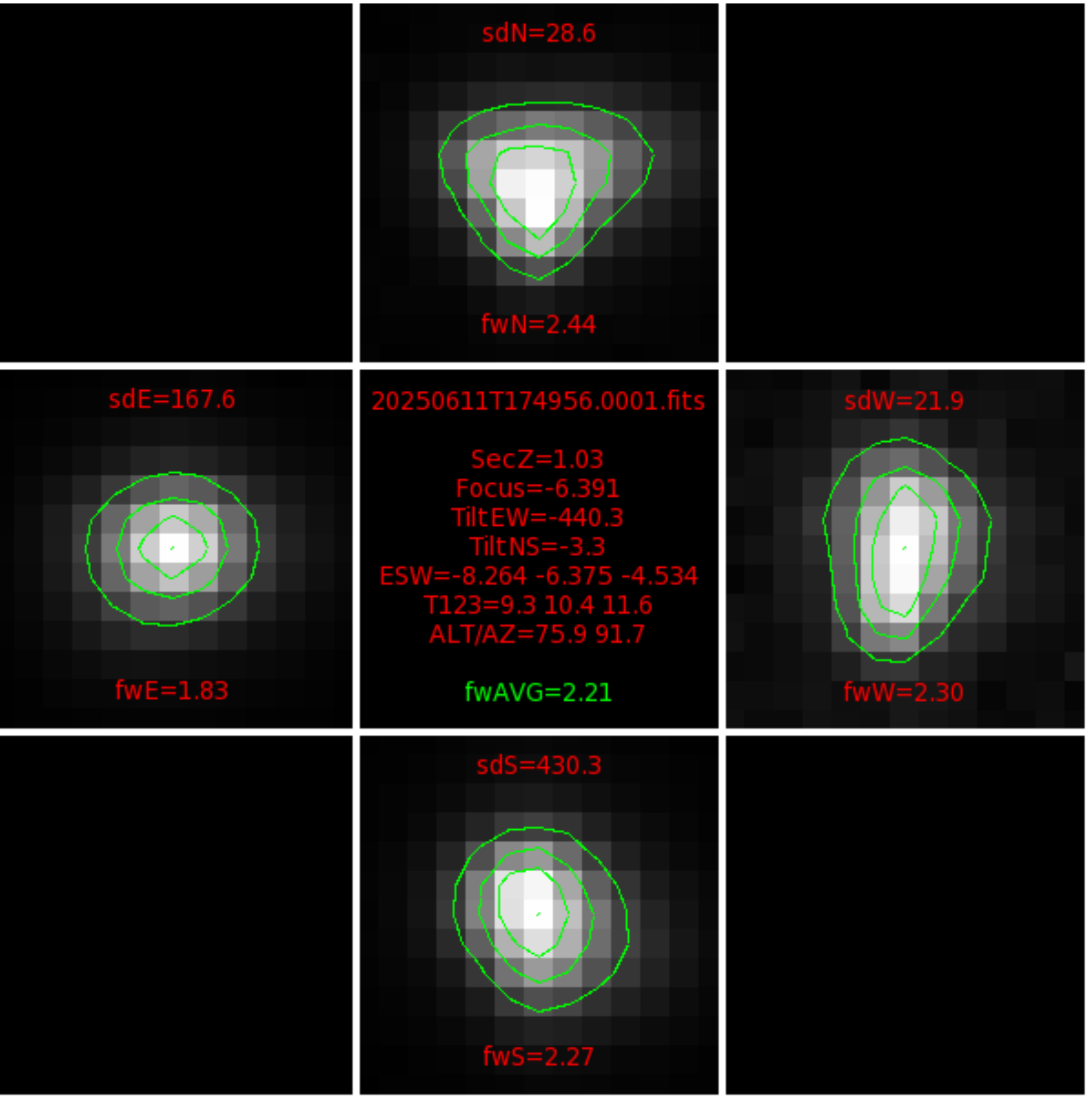
sdN=28.6
fwN=2.44
sdE=167.6
fwE=1.83
20250611T174956.0001.fits
SecZ=1.03
Focus=-6.391
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.264 -6.375 -4.534
T123=9.3 10.4 11.6
ALT/AZ=75.9 91.7
fwAVG=2.21
sdW=21.9
fwW=2.30
sdS=430.3
fwS=2.27
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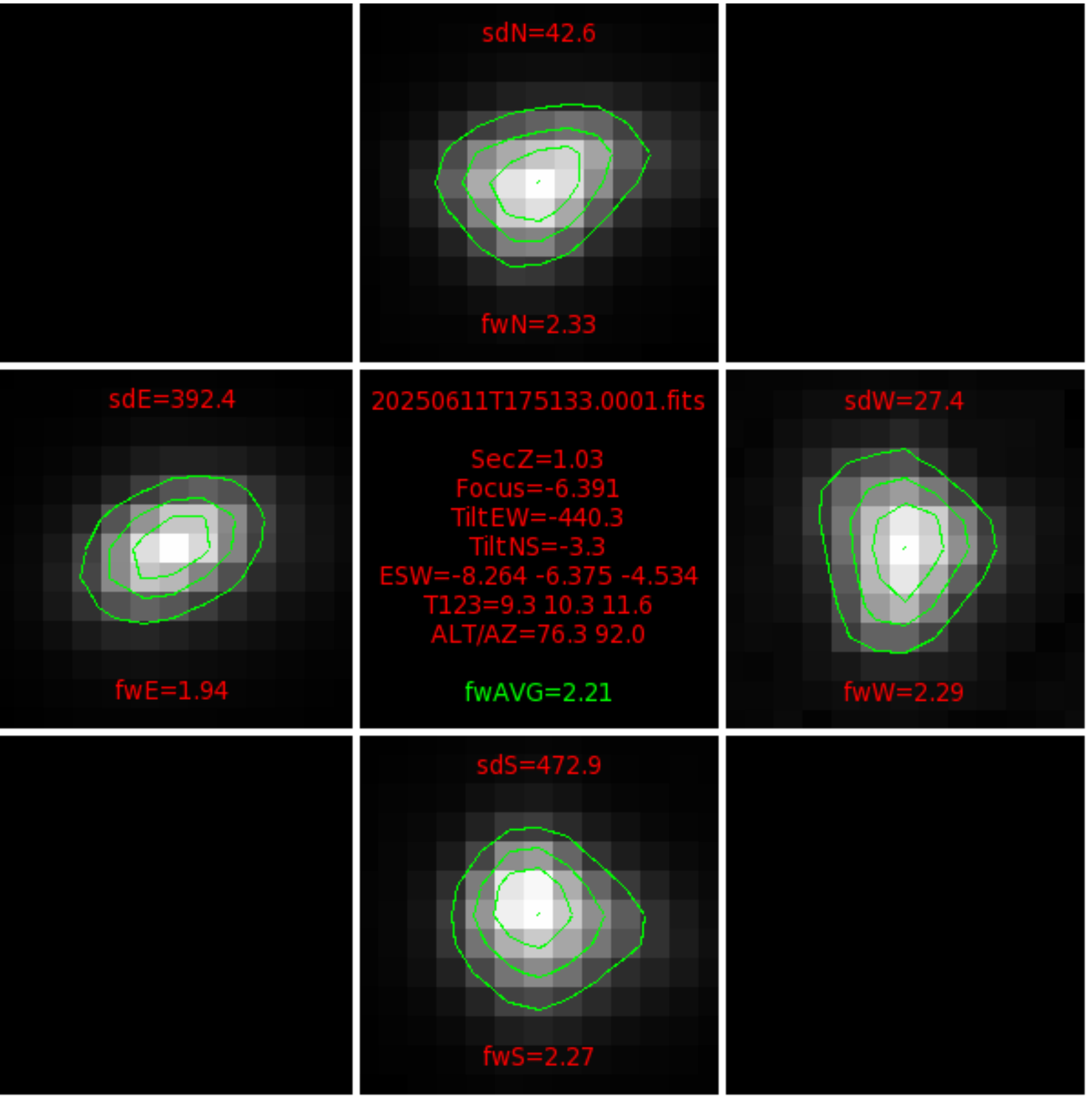
sdN=42.6
fwN=2.33
sdE=392.4
fwE=1.94
20250611T175133.0001.fits
SecZ=1.03
Focus=-6.391
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.264 -6.375 -4.534
T123=9.3 10.3 11.6
ALT/AZ=76.3 92.0
fwAVG=2.21
sdW=27.4
fwW=2.29
sdS=472.9
fwS=2.27
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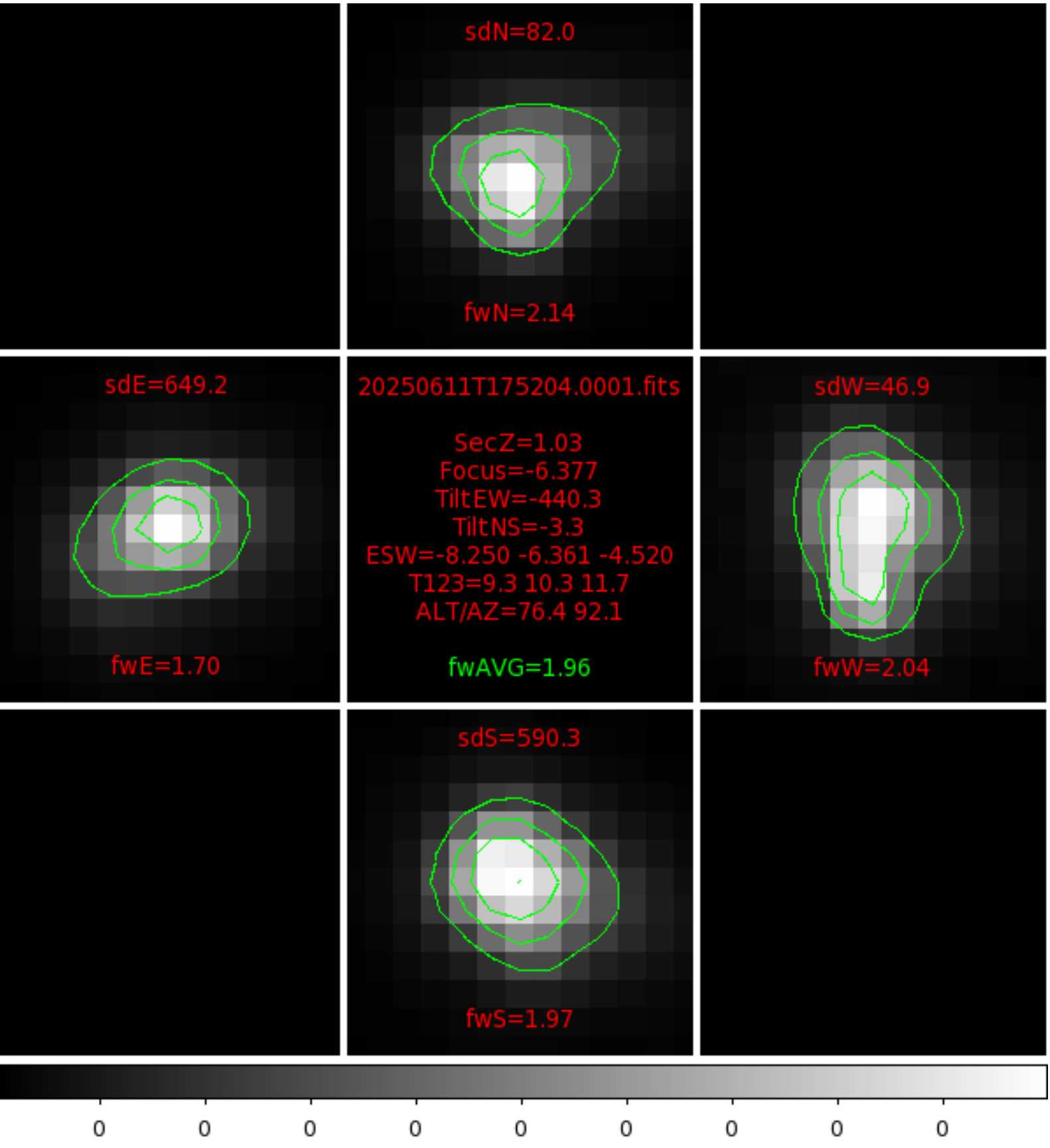
sdN=82.0
fwN=2.14
sdE=649.2
fwE=1.70
20250611T175204.0001.fits
SecZ=1.03
Focus=-6.377
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.250 -6.361 -4.520
T123=9.3 10.3 11.7
ALT/AZ=76.4 92.1
fwAVG=1.96
sdW=46.9
fwW=2.04
sdS=590.3
fwS=1.97
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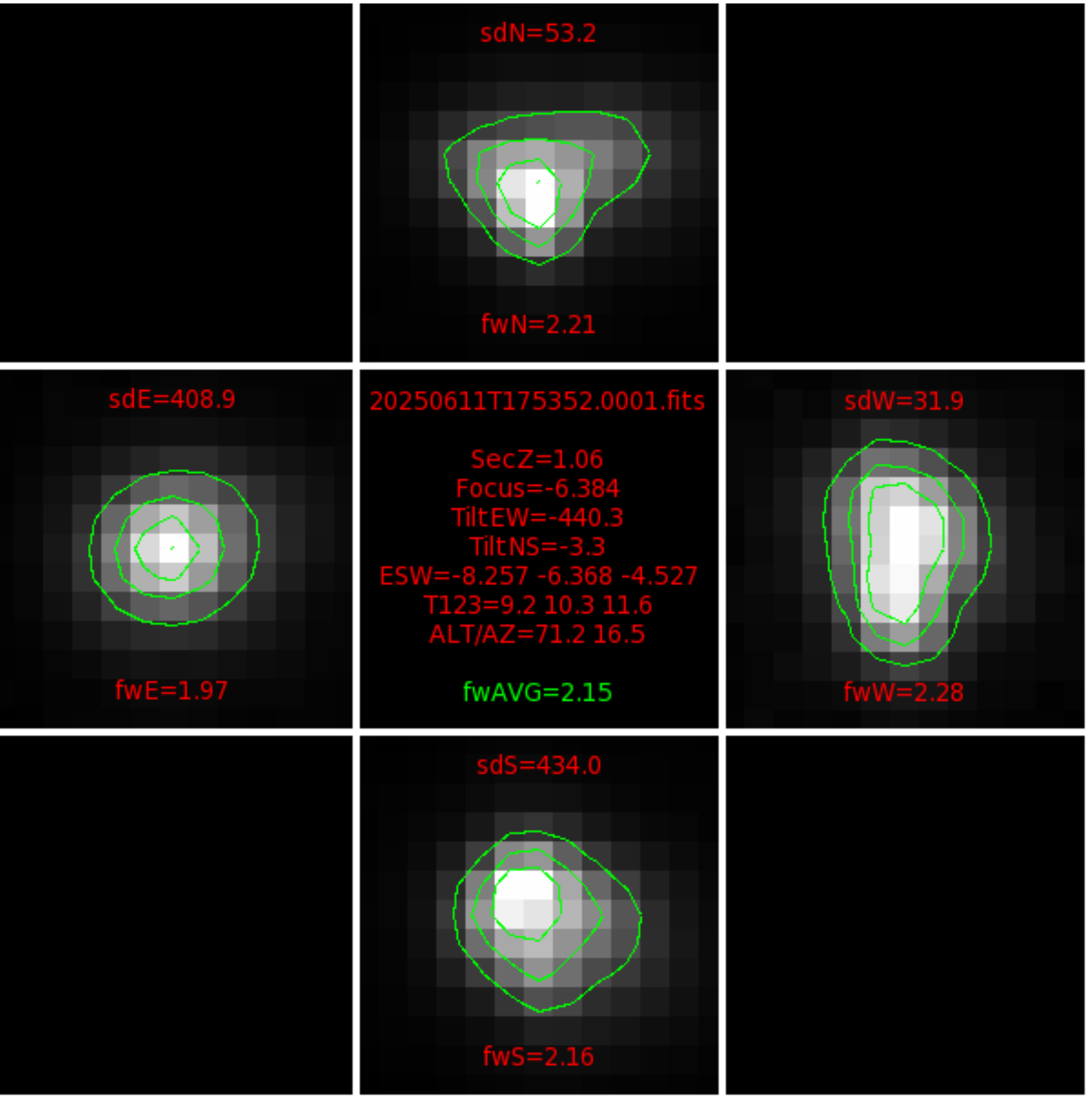
sdN=53.2
fwN=2.21
sdE=408.9
fwE=1.97
20250611T175352.0001.fits
SecZ=1.06
Focus=-6.384
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.257 -6.368 -4.527
T123=9.2 10.3 11.6
ALT/AZ=71.2 16.5
fwAVG=2.15
sdW=31.9
fwW=2.28
sdS=434.0
fwS=2.16
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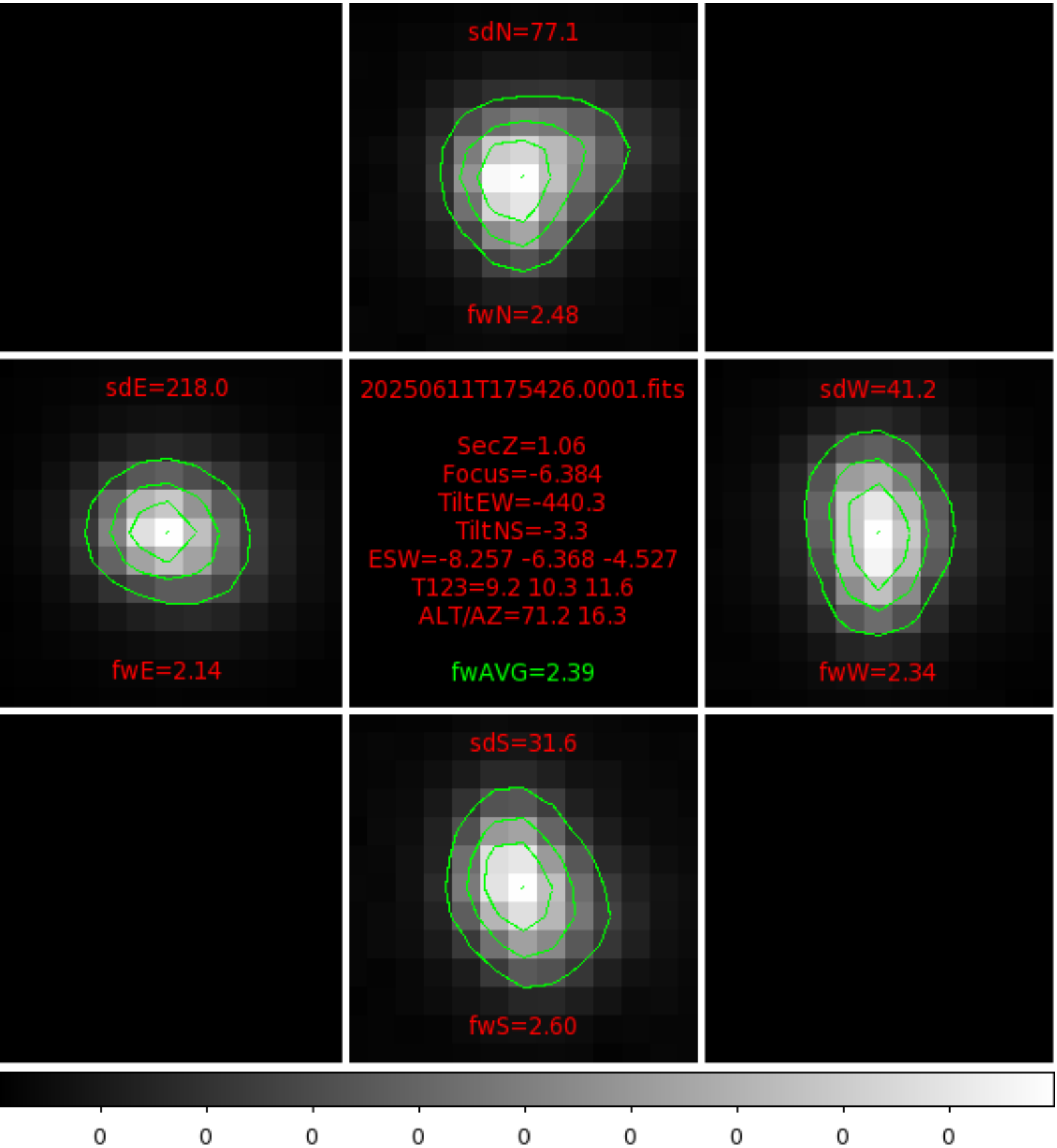
sdN=77.1
fwN=2.48
sdE=218.0
fwE=2.14
20250611T175426.0001.fits
SecZ=1.06
Focus=-6.384
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.257 -6.368 -4.527
T123=9.2 10.3 11.6
ALT/AZ=71.2 16.3
fwAVG=2.39
sdW=41.2
fwW=2.34
sdS=31.6
fwS=2.60
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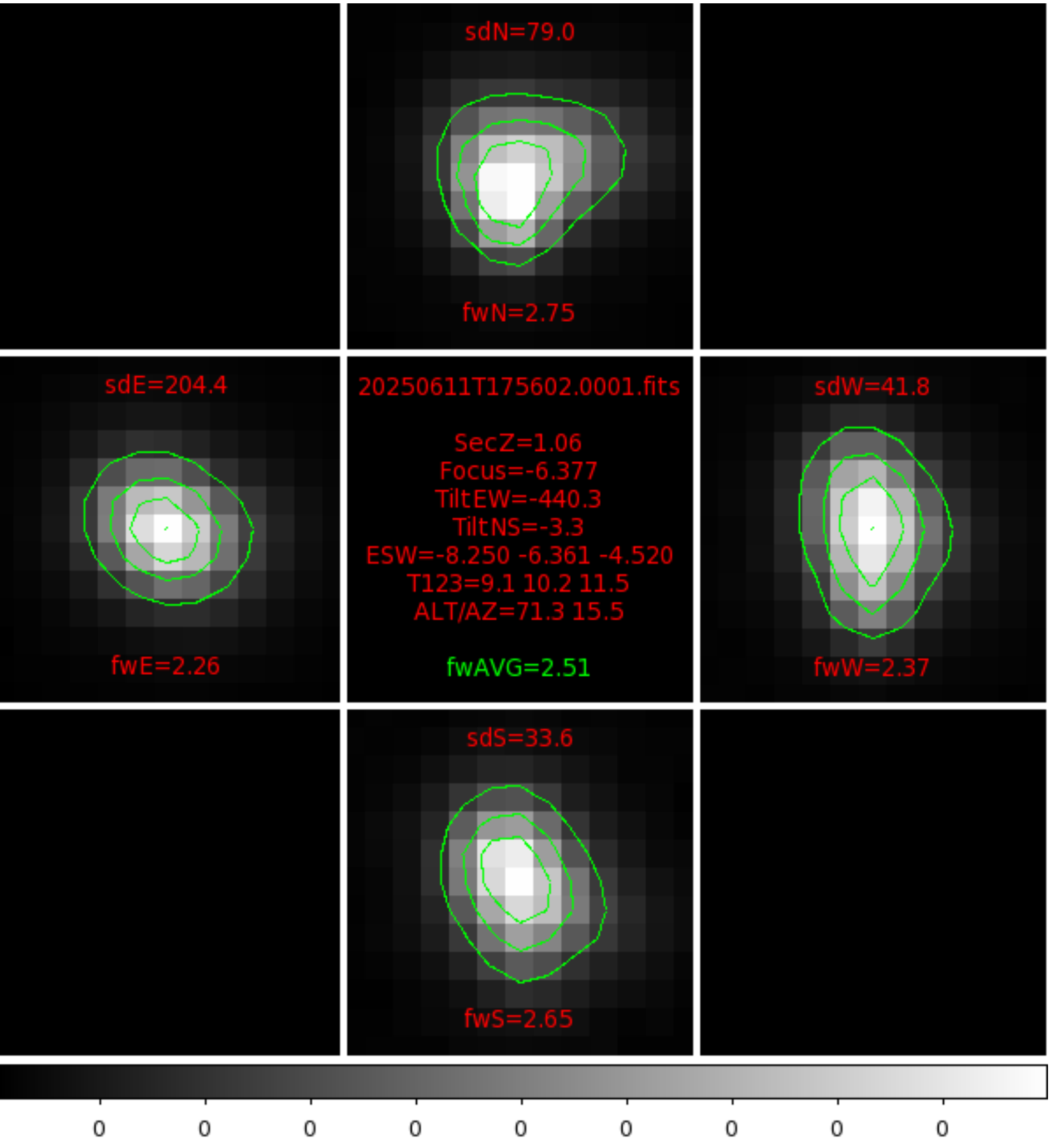
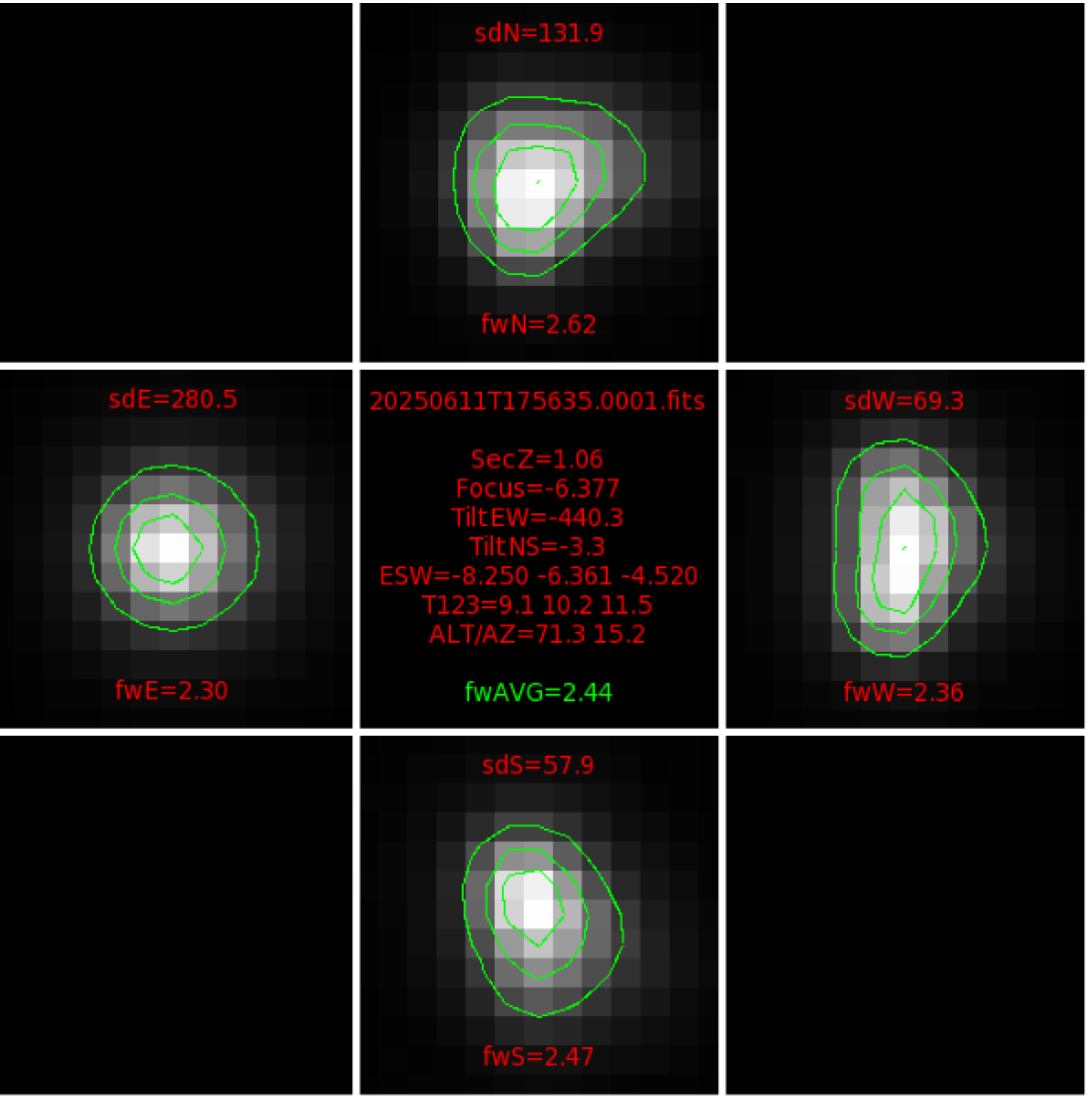

sdN=79.0
fwN=2.75
sdE=204.4
fwE=2.26
20250611T175602.0001.fits
SecZ=1.06
Focus=-6.377
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.250 -6.361 -4.520
T123=9.1 10.2 11.5
ALT/AZ=71.3 15.5
fwAVG=2.51
sdW=41.8
fwW=2.37
sdS=33.6
fwS=2.65
0 0 0 0 0 0 0 0 0


sdN=131.9
fwN=2.62
sdE=280.5
fwE=2.30
20250611T175635.0001.fits
SecZ=1.06
Focus=-6.377
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.250 -6.361 -4.520
T123=9.1 10.2 11.5
ALT/AZ=71.3 15.2
fwAVG=2.44
sdW=69.3
fwW=2.36
sdS=57.9
fwS=2.47
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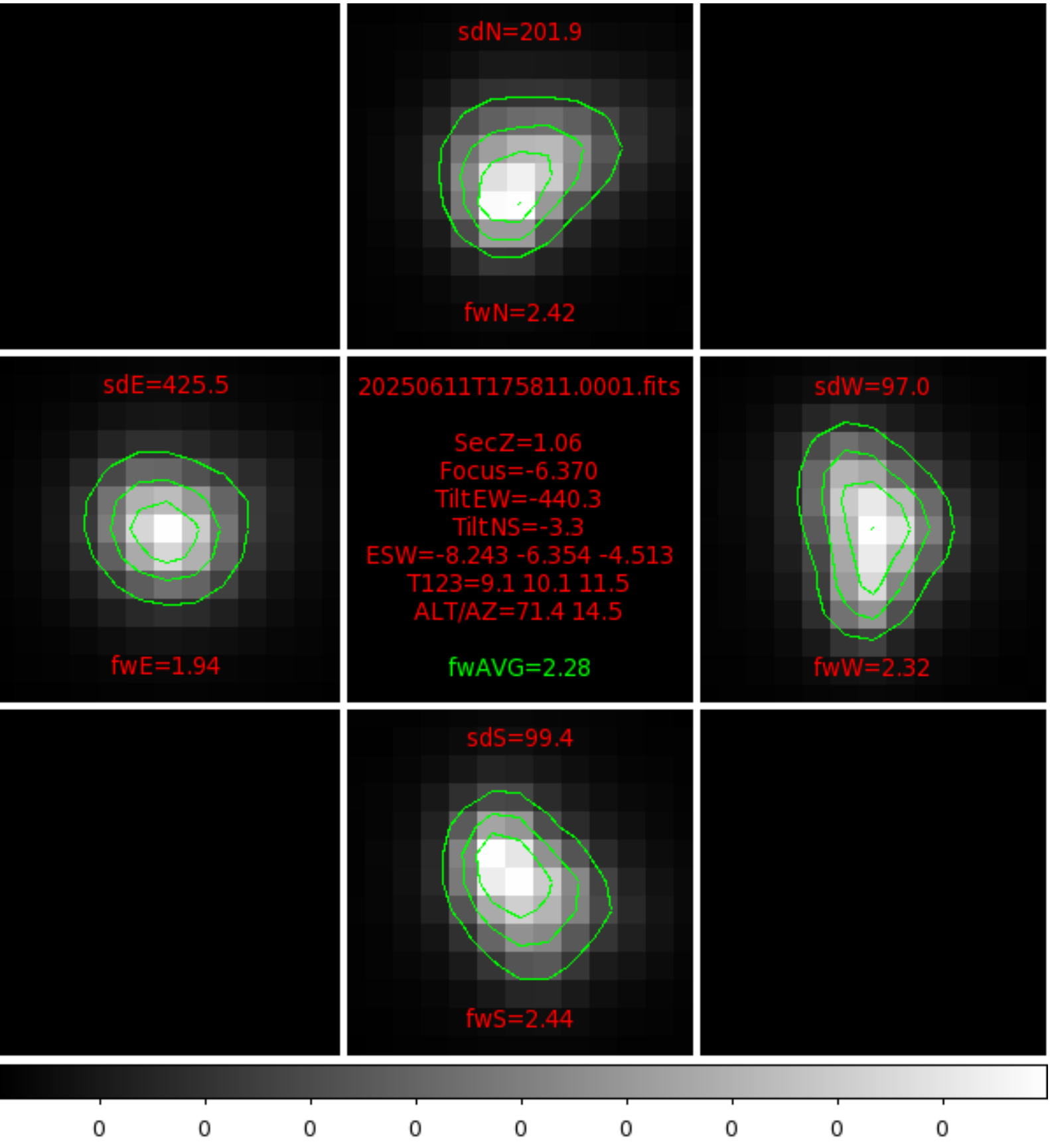
sdN=201.9
fwN=2.42
sdE=425.5
fwE=1.94
20250611T175811.0001.fits
SecZ=1.06
Focus=-6.370
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.243 -6.354 -4.513
T123=9.1 10.1 11.5
ALT/AZ=71.4 14.5
fwAVG=2.28
sdW=97.0
fwW=2.32
sdS=99.4
fwS=2.44
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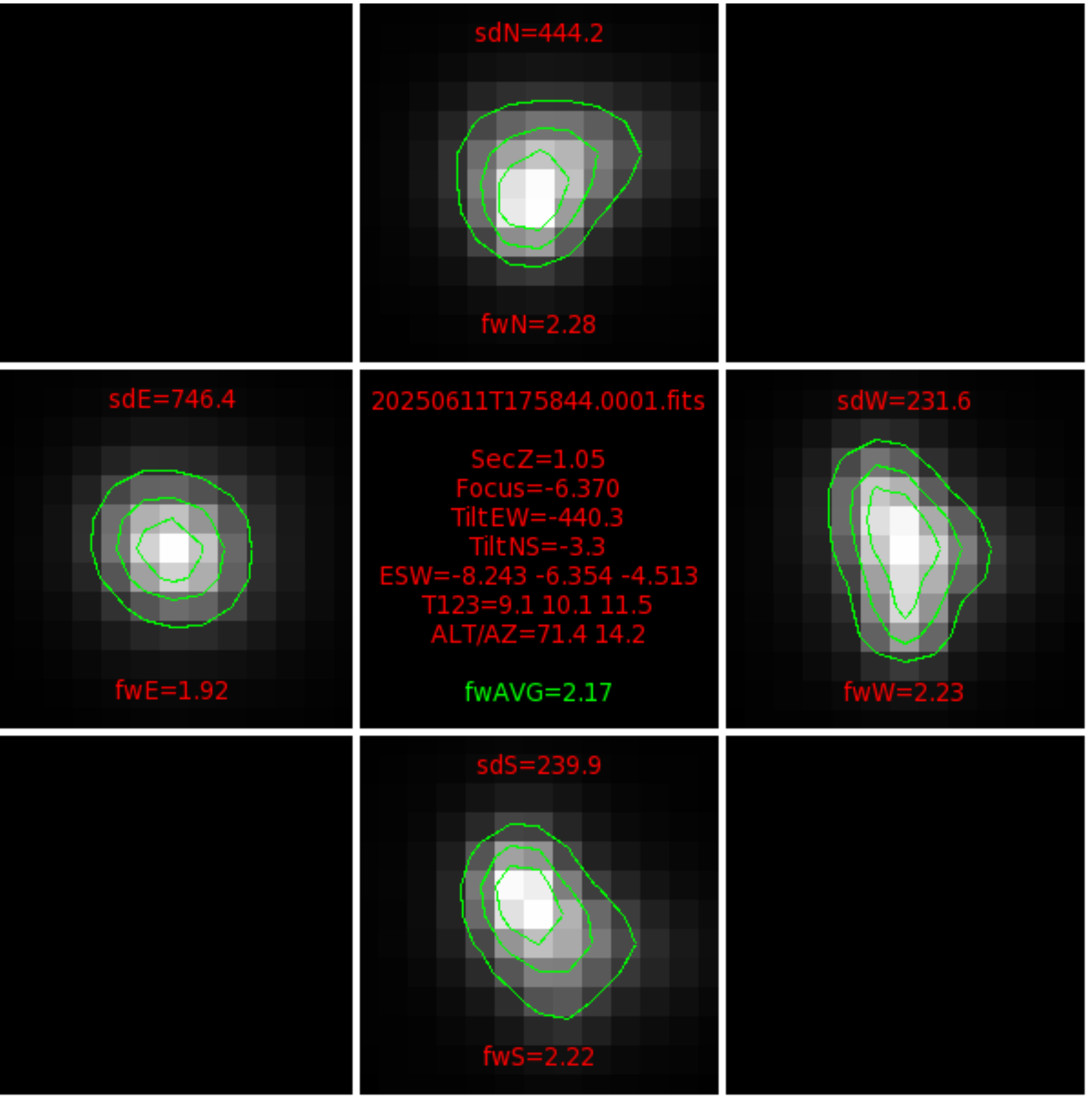
sdN=444.2
fwN=2.28
sdE=746.4
fwE=1.92
20250611T175844.0001.fits
SecZ=1.05
Focus=-6.370
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.243 -6.354 -4.513
T123=9.1 10.1 11.5
ALT/AZ=71.4 14.2
fwAVG=2.17
sdW=231.6
fwW=2.23
sdS=239.9
fwS=2.22
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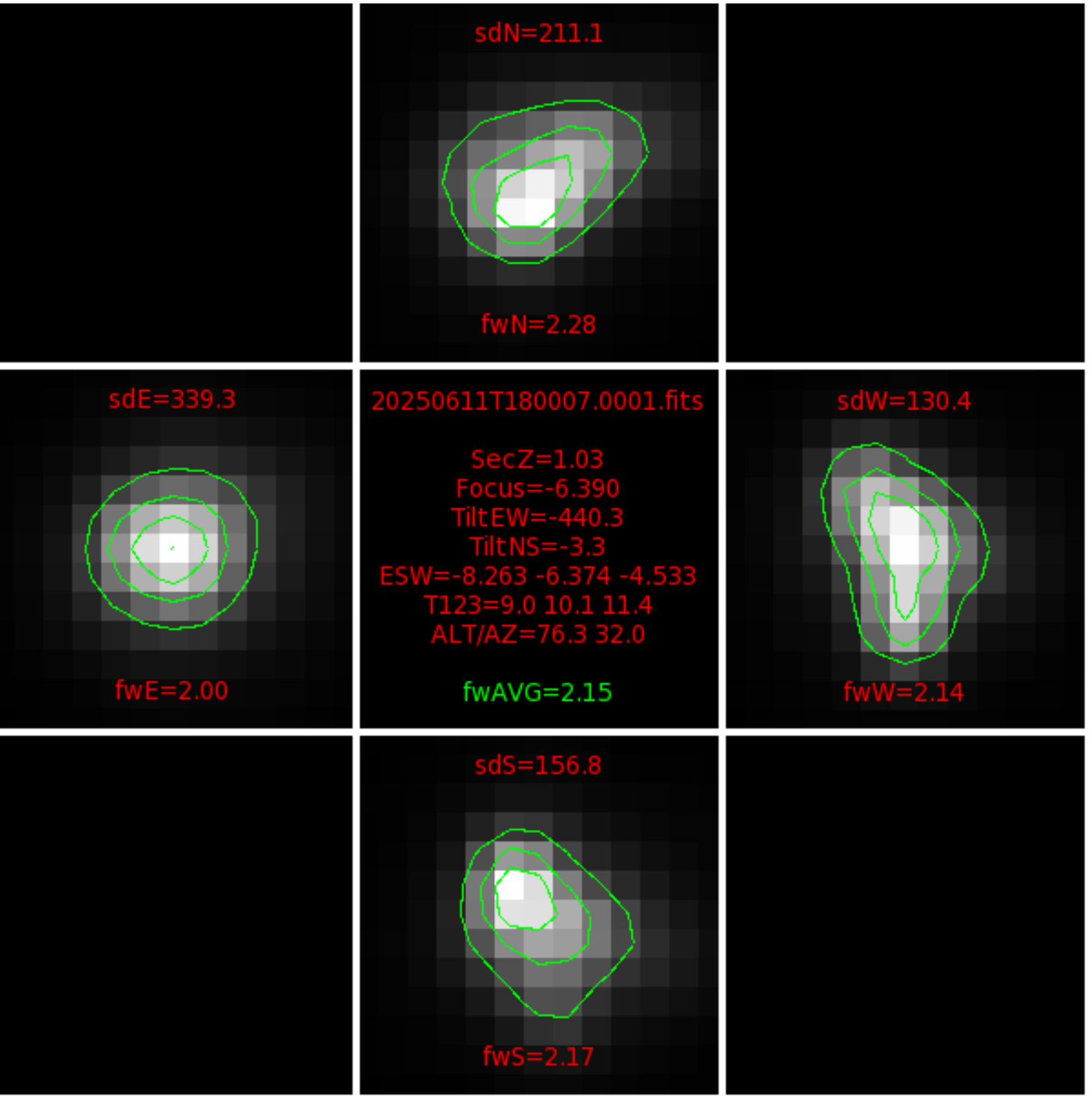
sdN=211.1
fwN=2.28
sdE=339.3
fwE=2.00
20250611T180007.0001.fits
SecZ=1.03
Focus=-6.390
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.263 -6.374 -4.533
T123=9.0 10.1 11.4
ALT/AZ=76.3 32.0
fwAVG=2.15
sdW=130.4
fwW=2.14
sdS=156.8
fwS=2.17
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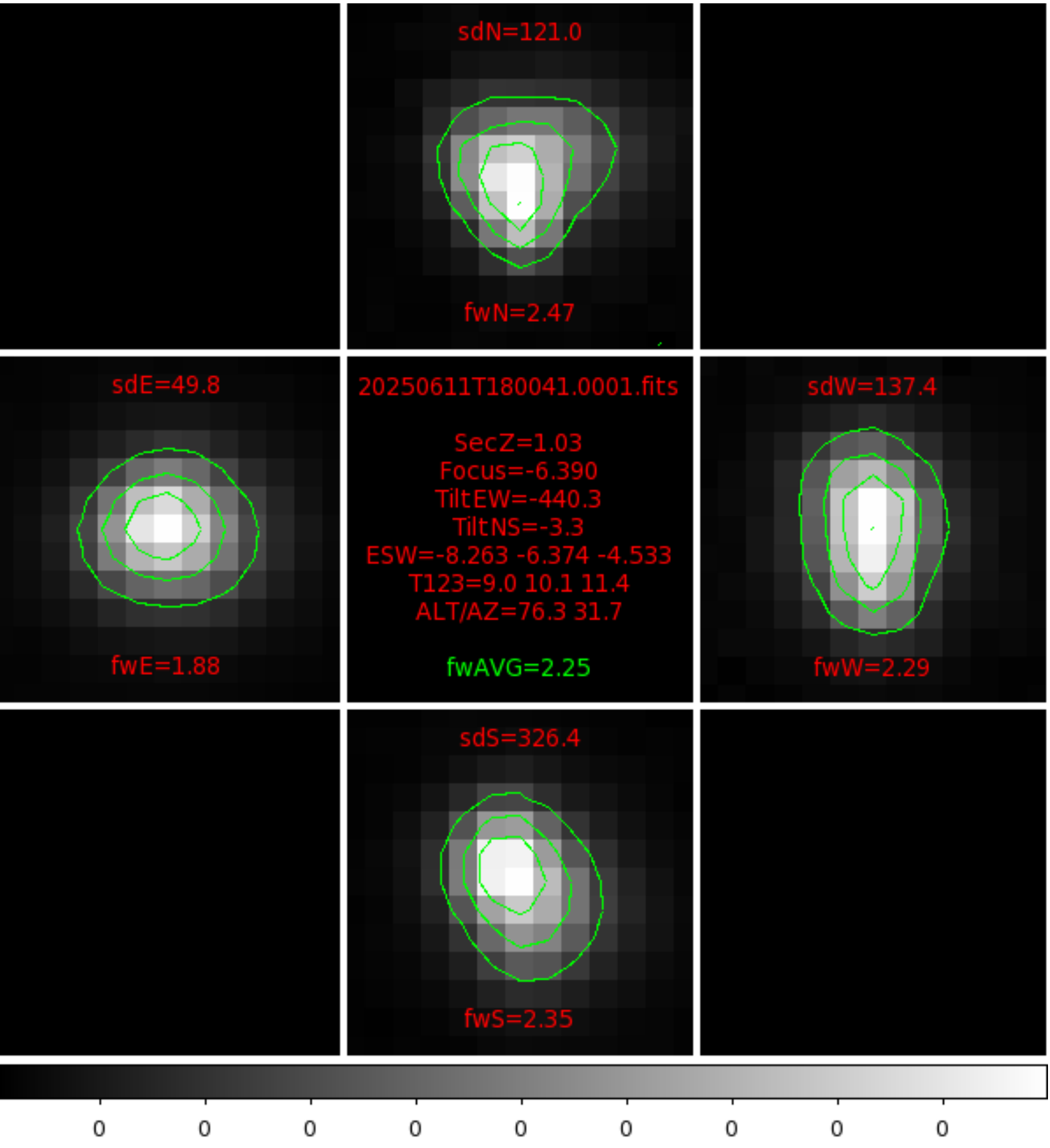
sdN=121.0
fwN=2.47
sdE=49.8
fwE=1.88
20250611T180041.0001.fits
SecZ=1.03
Focus=-6.390
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.263 -6.374 -4.533
T123=9.0 10.1 11.4
ALT/AZ=76.3 31.7
fwAVG=2.25
sdW=137.4
fwW=2.29
sdS=326.4
fwS=2.35
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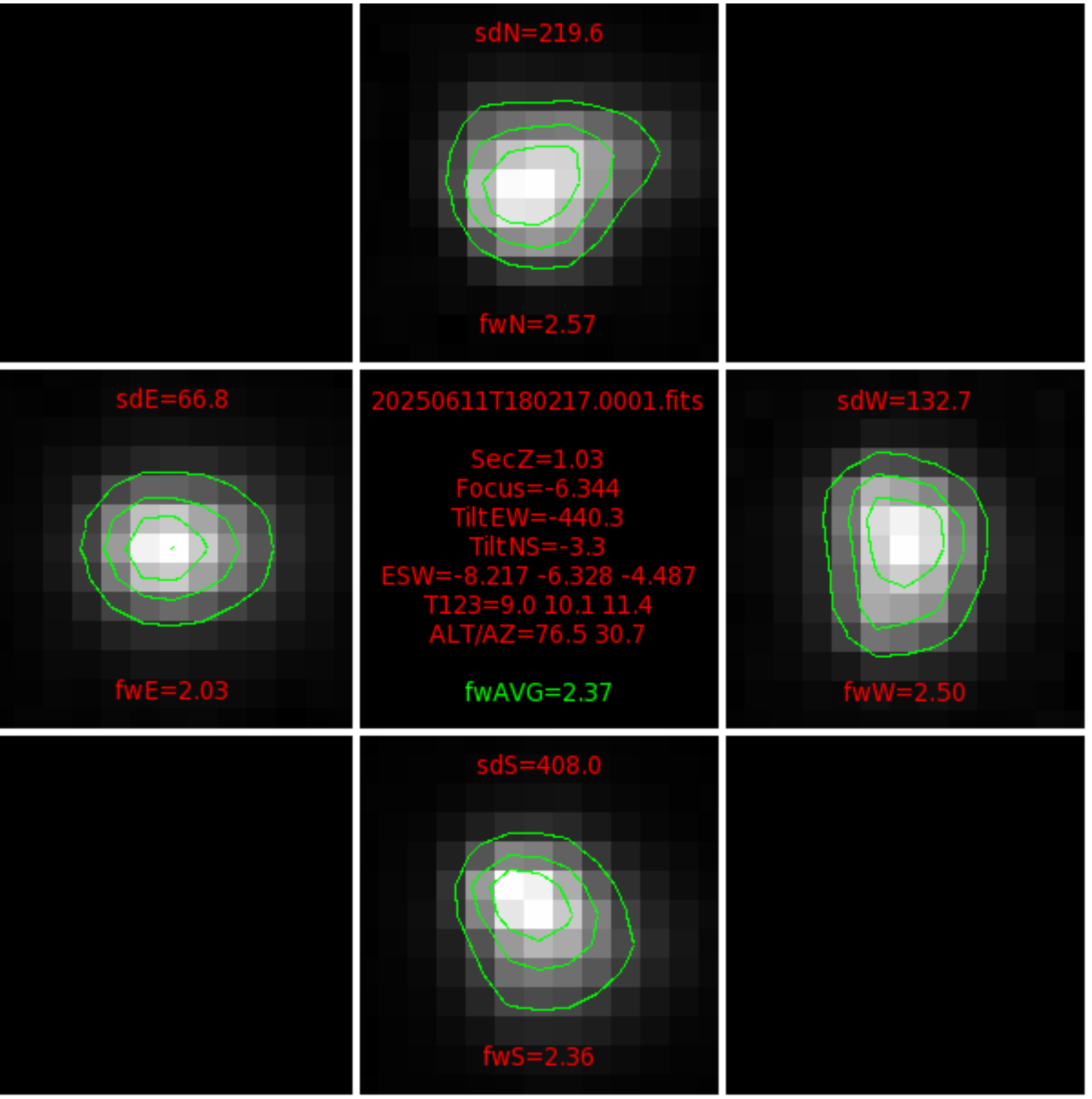
sdN=219.6
fwN=2.57
sdE=66.8
fwE=2.03
20250611T180217.0001.fits
SecZ=1.03
Focus=-6.344
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.217 -6.328 -4.487
T123=9.0 10.1 11.4
ALT/AZ=76.5 30.7
fwAVG=2.37
sdW=132.7
fwW=2.50
sdS=408.0
fwS=2.36
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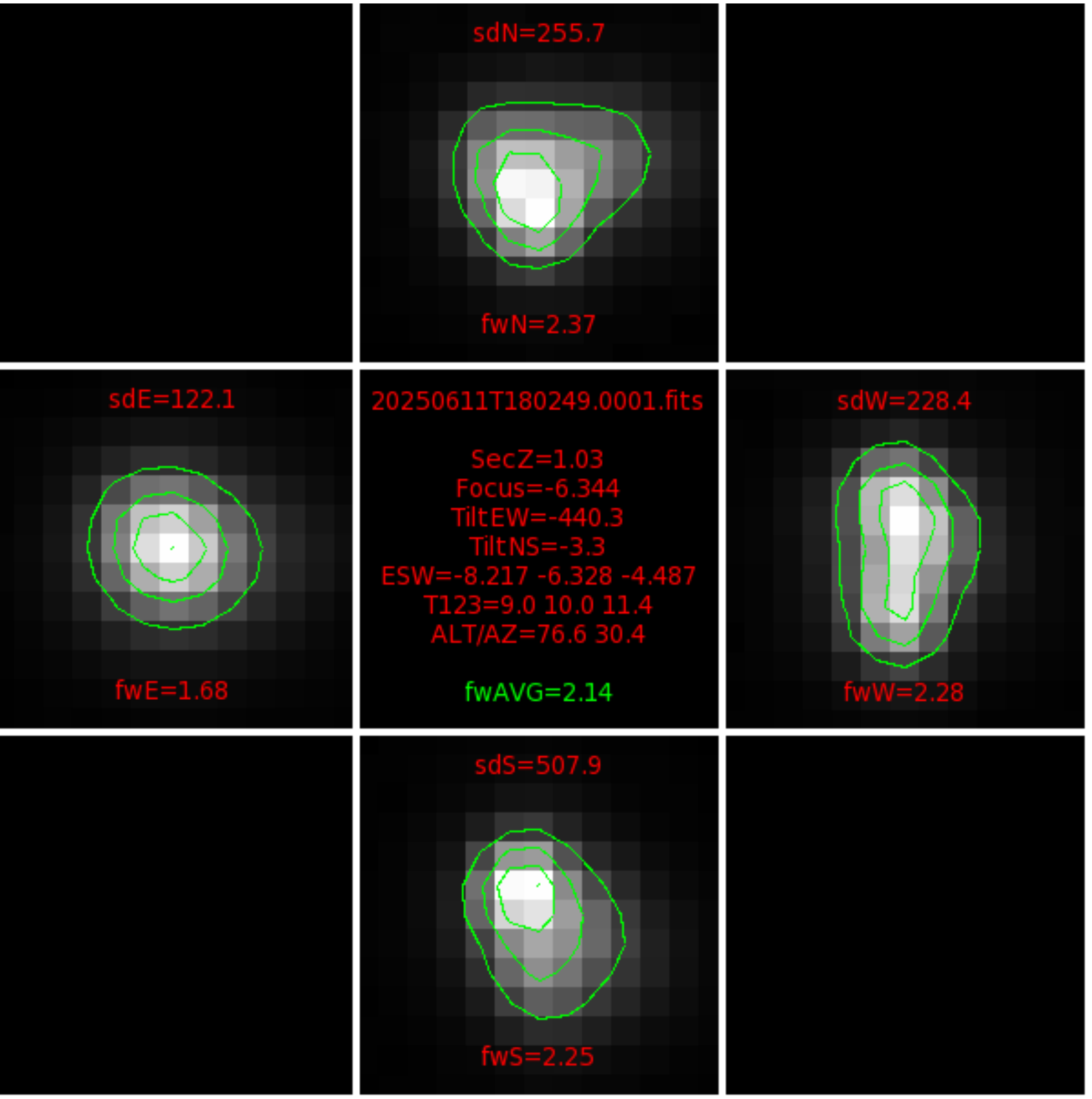
sdN=255.7
fwN=2.37
sdE=122.1
fwE=1.68
20250611T180249.0001.fits
SecZ=1.03
Focus=-6.344
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.217 -6.328 -4.487
T123=9.0 10.0 11.4
ALT/AZ=76.6 30.4
fwAVG=2.14
sdW=228.4
fwW=2.28
sdS=507.9
fwS=2.25
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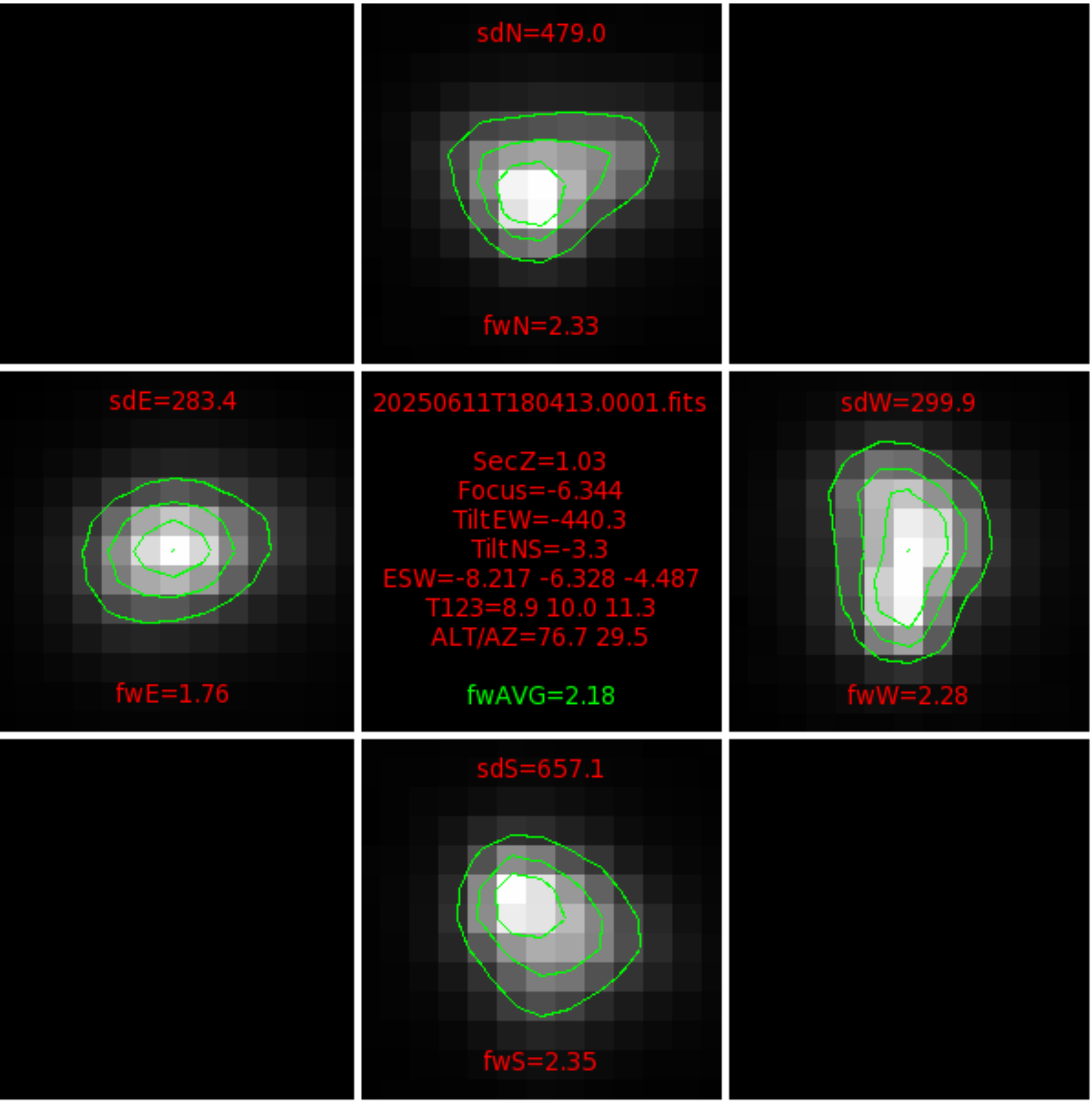
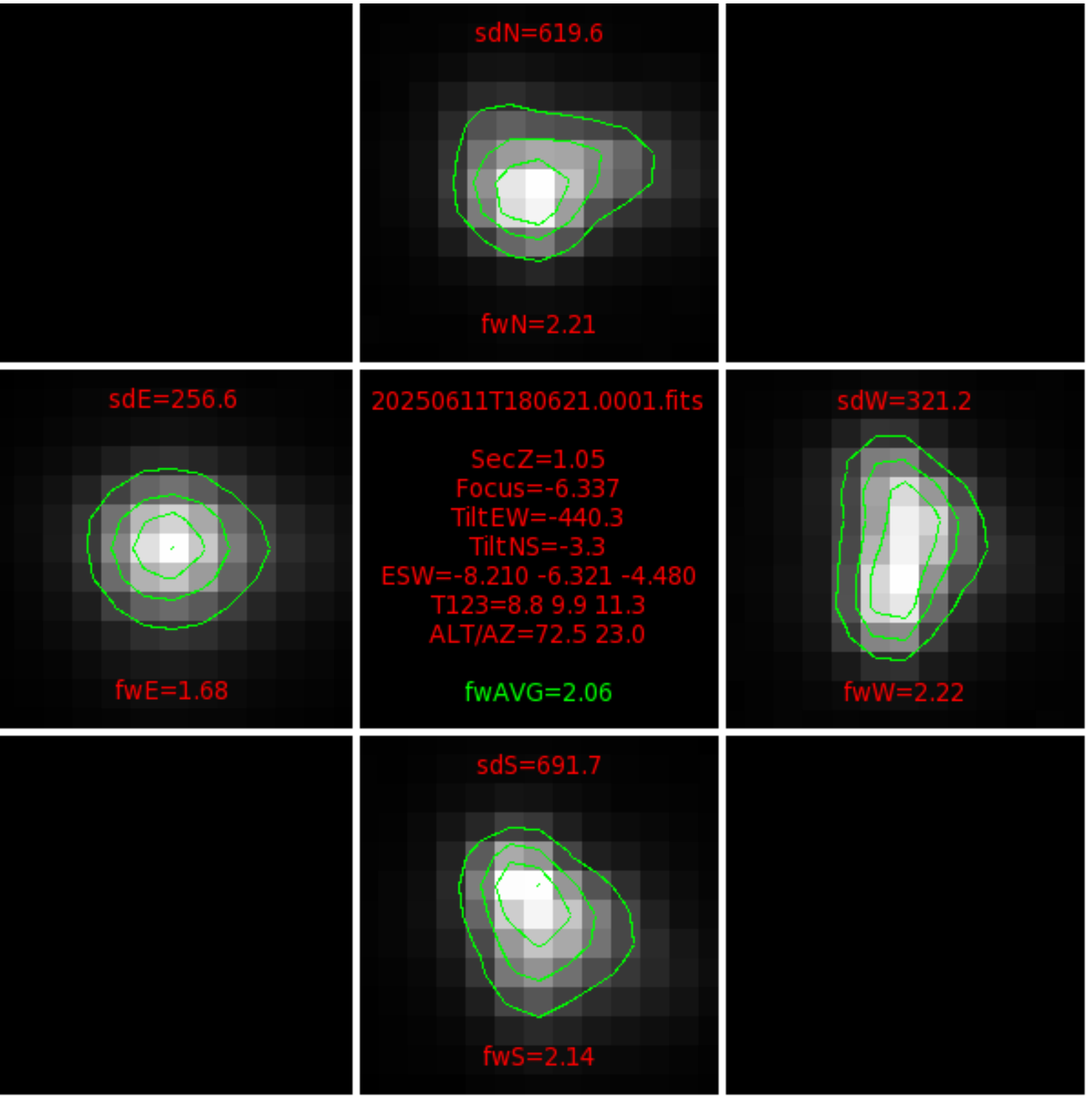

sdN=479.0
fwN=2.33
sdE=283.4
fwE=1.76
20250611T180413.0001.fits
SecZ=1.03
Focus=-6.344
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.217 -6.328 -4.487
T123=8.9 10.0 11.3
ALT/AZ=76.7 29.5
fwAVG=2.18
sdW=299.9
fwW=2.28
sdS=657.1
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=619.6
fwN=2.21
sdE=256.6
fwE=1.68
20250611T180621.0001.fits
SecZ=1.05
Focus=-6.337
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.210 -6.321 -4.480
T123=8.8 9.9 11.3
ALT/AZ=72.5 23.0
fwAVG=2.06
sdW=321.2
fwW=2.22
sdS=691.7
fwS=2.14
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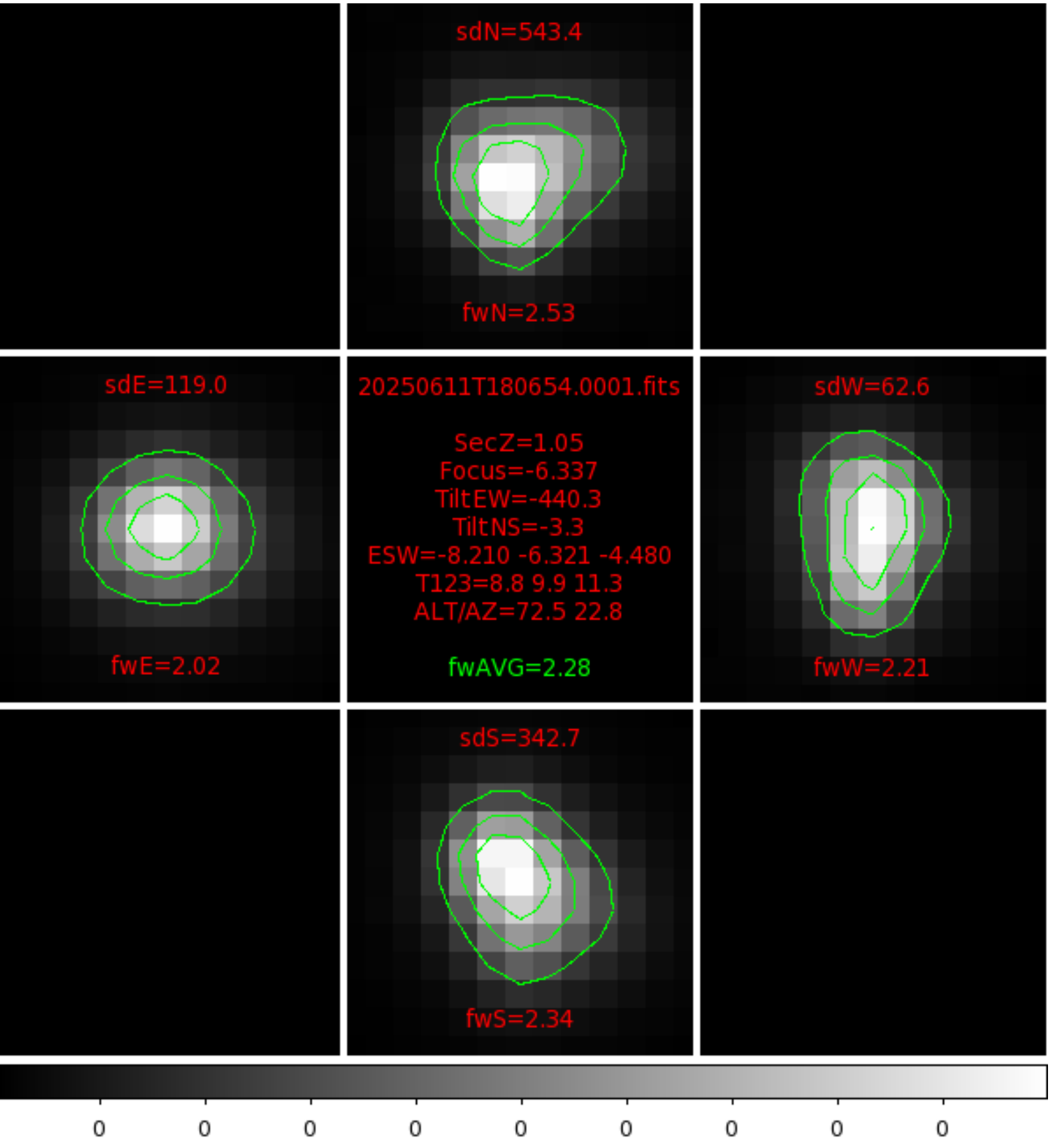
sdN=543.4
fwN=2.53
sdE=119.0
fwE=2.02
20250611T180654.0001.fits
SecZ=1.05
Focus=-6.337
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.210 -6.321 -4.480
T123=8.8 9.9 11.3
ALT/AZ=72.5 22.8
fwAVG=2.28
sdW=62.6
fwW=2.21
sdS=342.7
fwS=2.34
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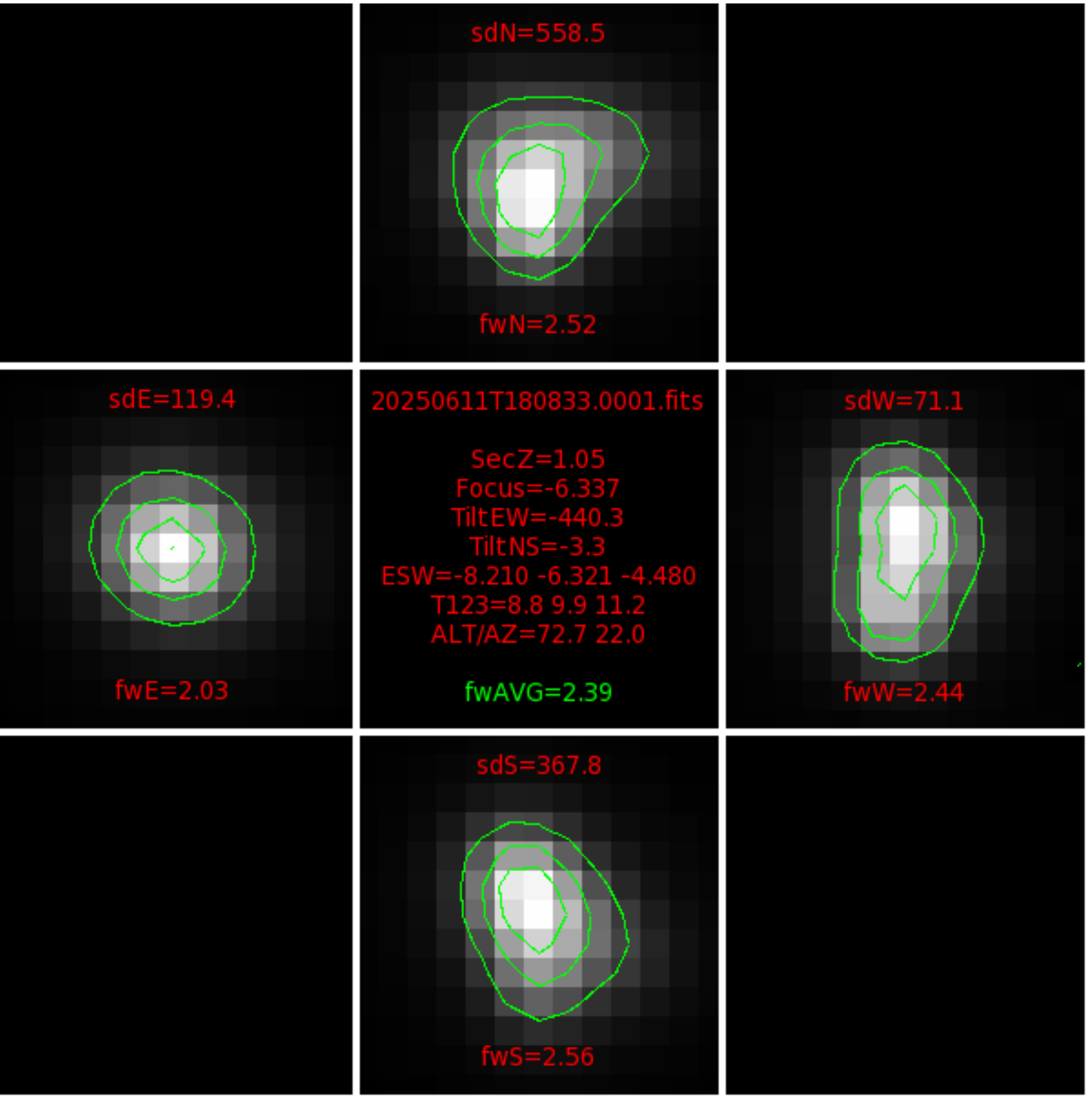
sdN=558.5
fwN=2.52
sdE=119.4
fwE=2.03
20250611T180833.0001.fits
SecZ=1.05
Focus=-6.337
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.210 -6.321 -4.480
T123=8.8 9.9 11.2
ALT/AZ=72.7 22.0
fwAVG=2.39
sdW=71.1
fwW=2.44
sdS=367.8
fwS=2.56
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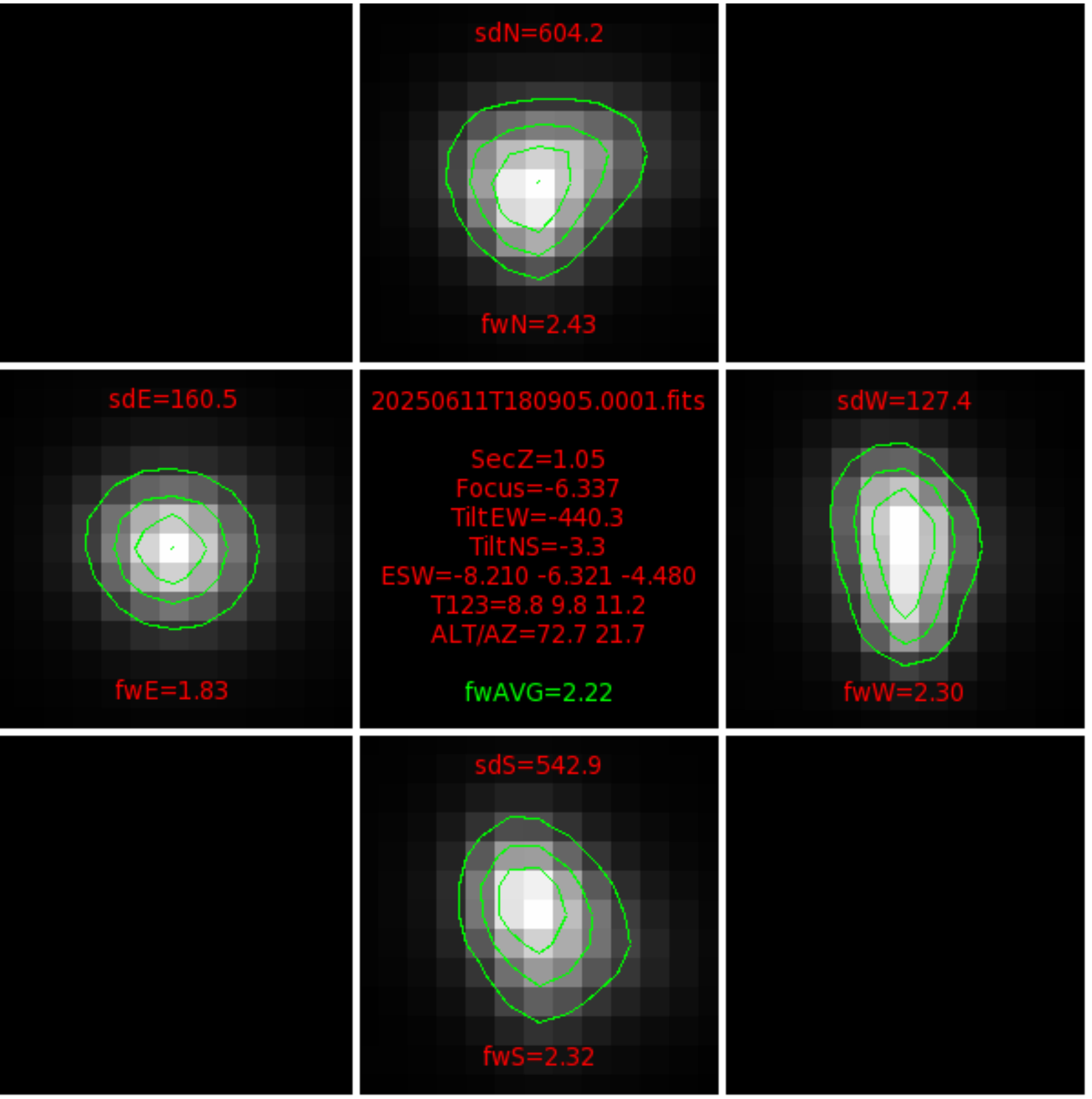
sdN=604.2
fwN=2.43
sdE=160.5
fwE=1.83
20250611T180905.0001.fits
SecZ=1.05
Focus=-6.337
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.210 -6.321 -4.480
T123=8.8 9.8 11.2
ALT/AZ=72.7 21.7
fwAVG=2.22
sdW=127.4
fwW=2.30
sdS=542.9
fwS=2.32
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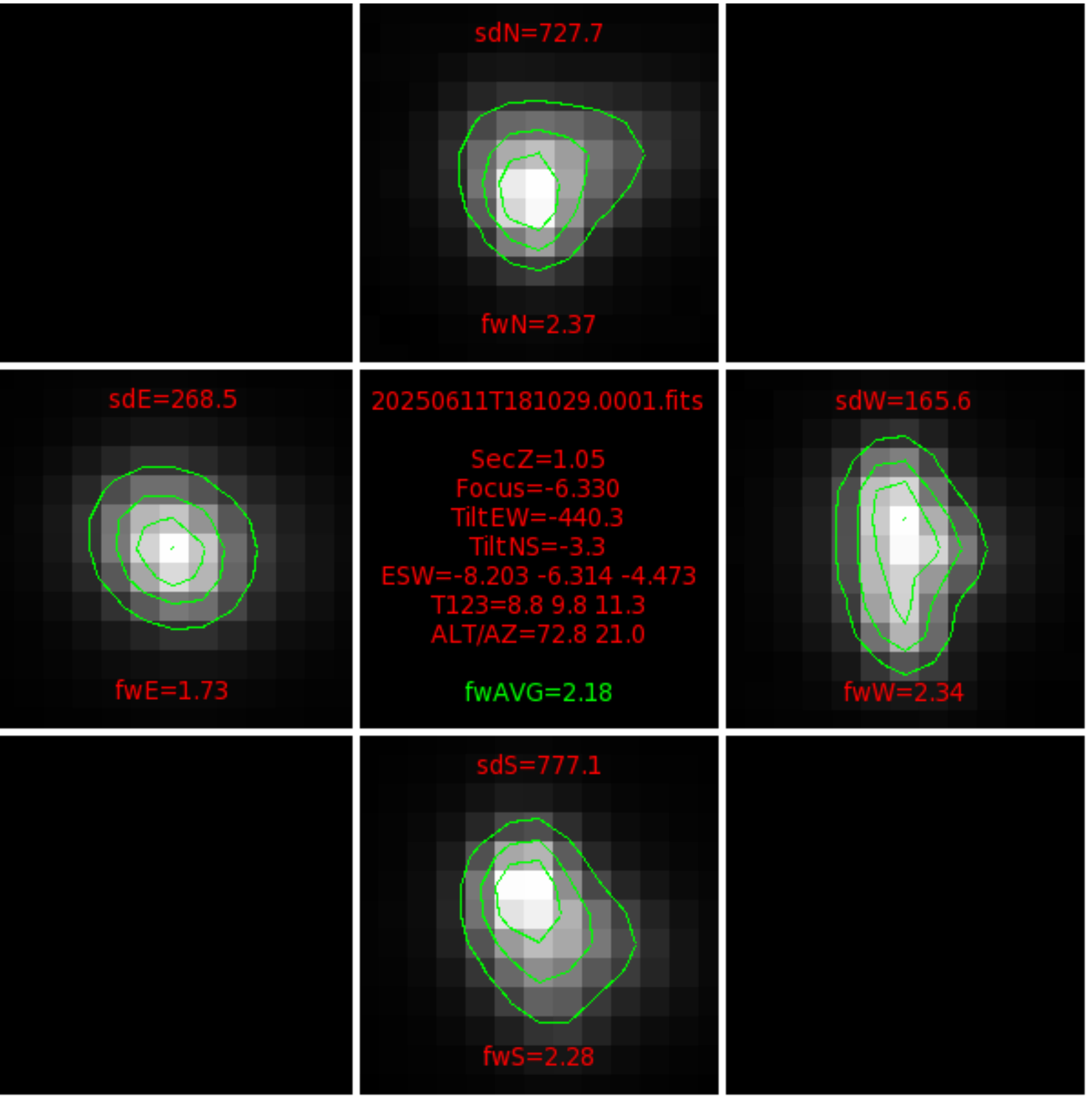
sdN=727.7
fwN=2.37
sdE=268.5
fwE=1.73
20250611T181029.0001.fits
SecZ=1.05
Focus=-6.330
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.203 -6.314 -4.473
T123=8.8 9.8 11.3
ALT/AZ=72.8 21.0
fwAVG=2.18
sdW=165.6
fwW=2.34
sdS=777.1
fwS=2.28
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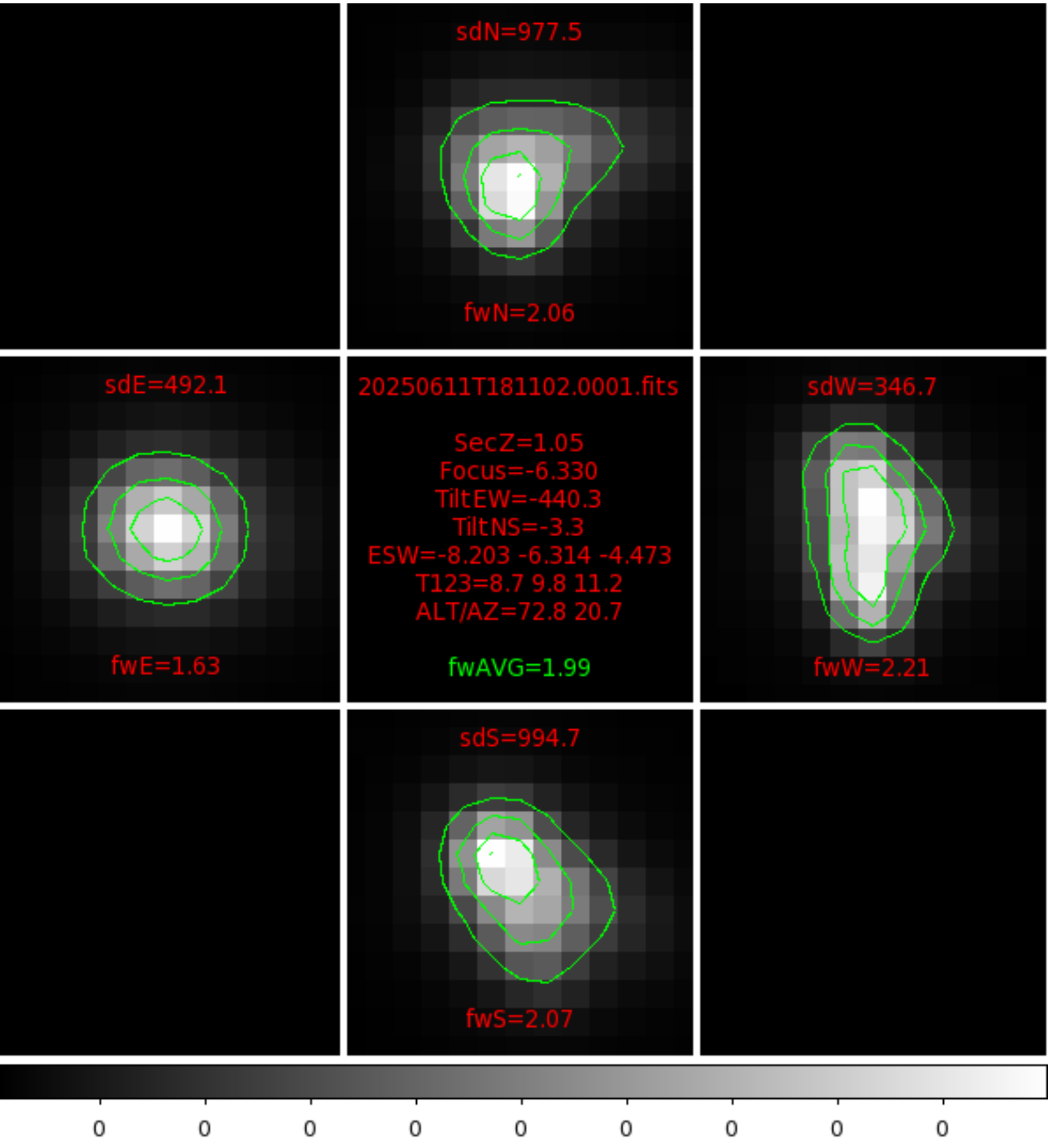
sdN=977.5
fwN=2.06
sdE=492.1
fwE=1.63
20250611T181102.0001.fits
SecZ=1.05
Focus=-6.330
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.203 -6.314 -4.473
T123=8.7 9.8 11.2
ALT/AZ=72.8 20.7
fwAVG=1.99
sdW=346.7
fwW=2.21
sdS=994.7
fwS=2.07
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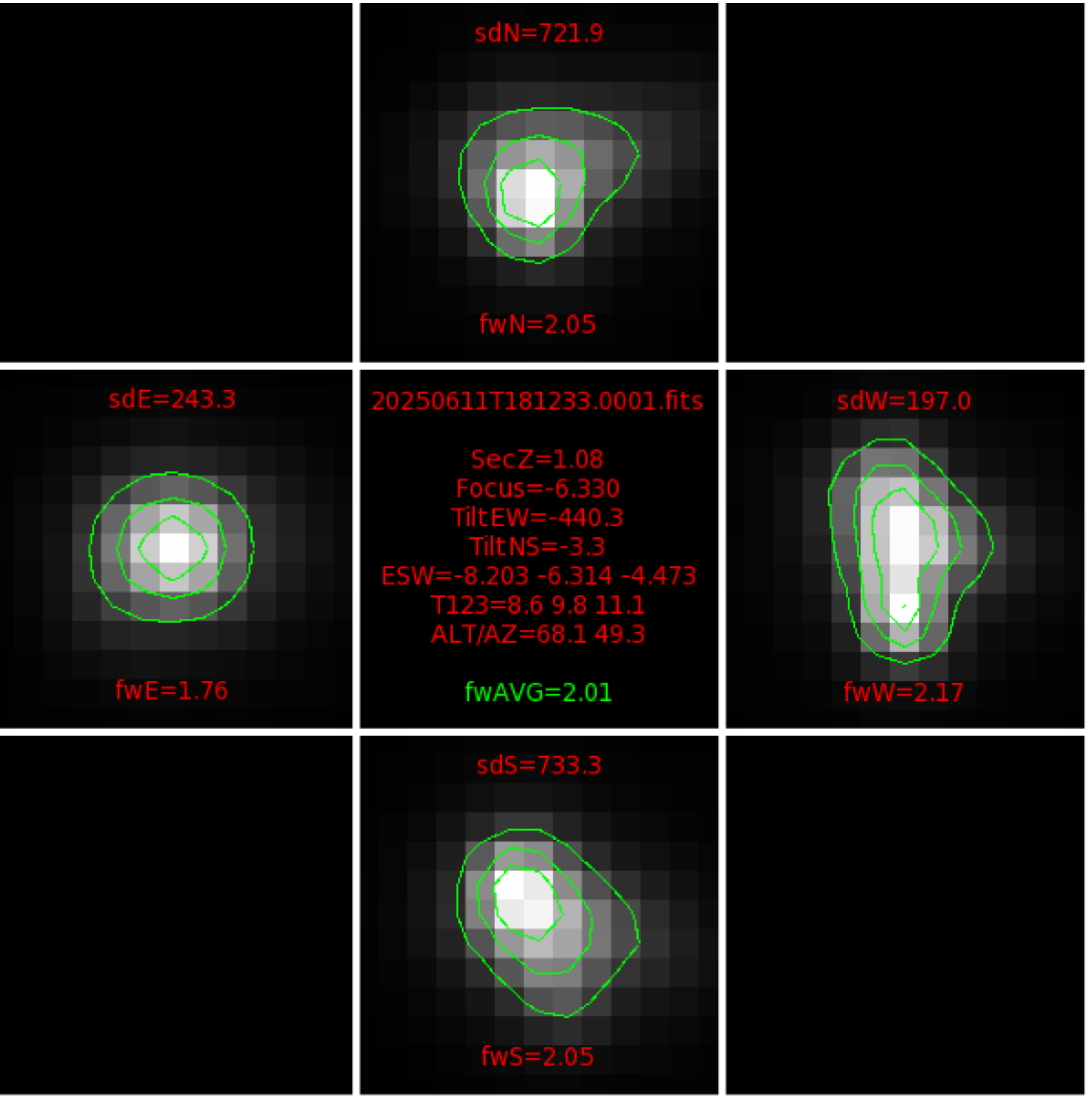
sdN=721.9
fwN=2.05
sdE=243.3
fwE=1.76
20250611T181233.0001.fits
SecZ=1.08
Focus=-6.330
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.203 -6.314 -4.473
T123=8.6 9.8 11.1
ALT/AZ=68.1 49.3
fwAVG=2.01
sdW=197.0
fwW=2.17
sdS=733.3
fwS=2.05
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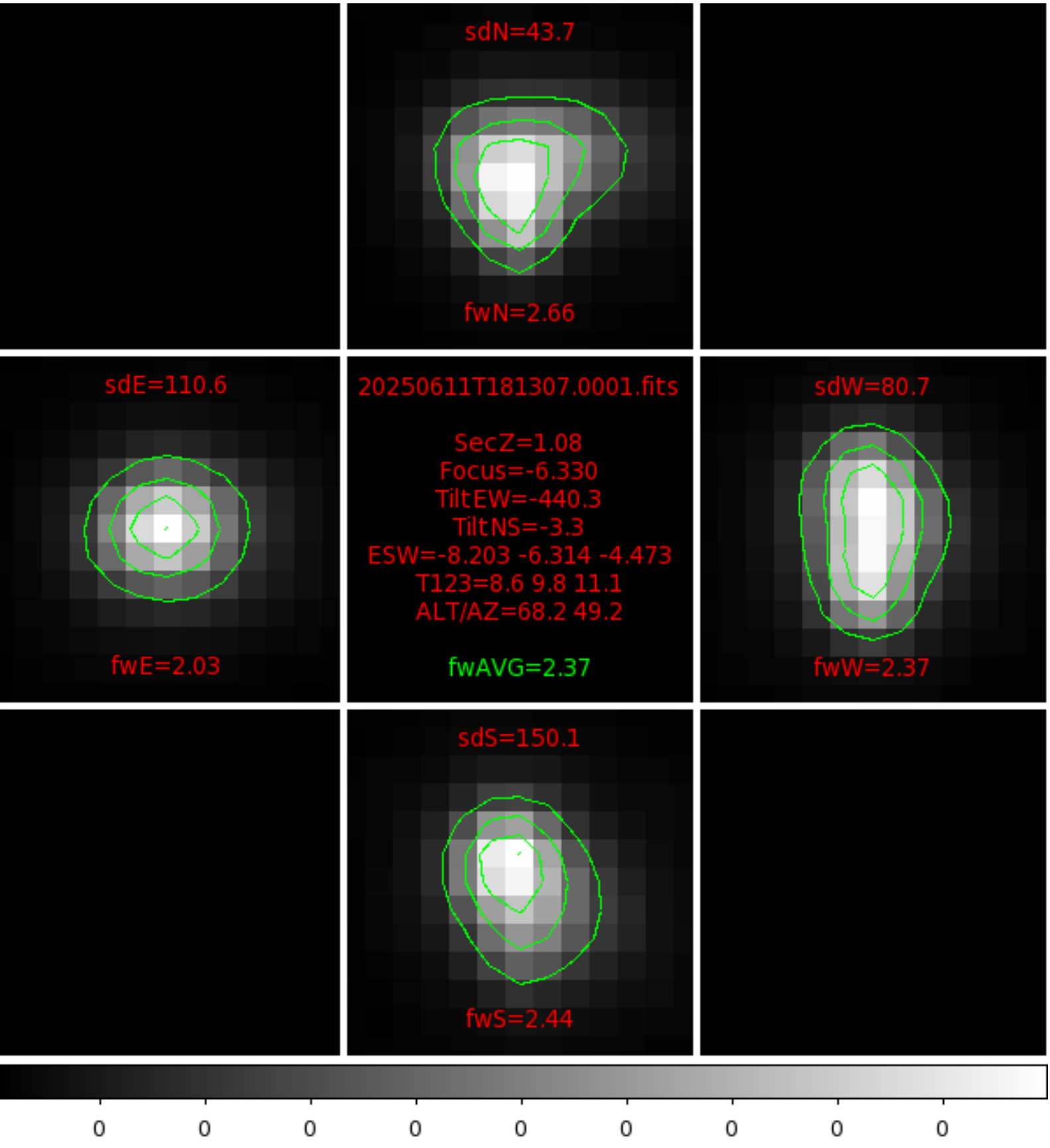
sdN=43.7
fwN=2.66
sdE=110.6
fwE=2.03
20250611T181307.0001.fits
SecZ=1.08
Focus=-6.330
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.203 -6.314 -4.473
T123=8.6 9.8 11.1
ALT/AZ=68.2 49.2
fwAVG=2.37
sdW=80.7
fwW=2.37
sdS=150.1
fwS=2.44
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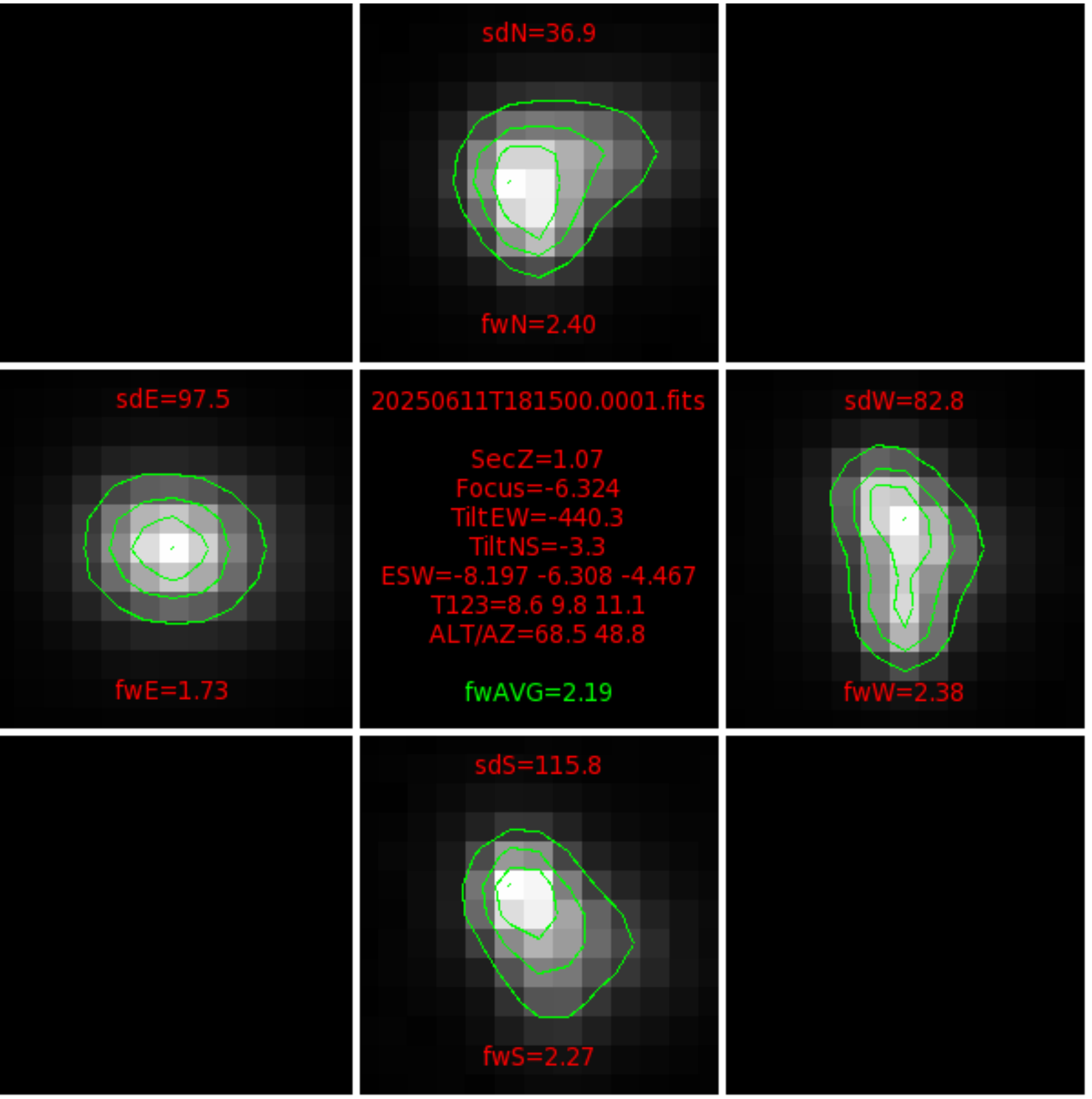
sdN=36.9
fwN=2.40
sdE=97.5
fwE=1.73
20250611T181500.0001.fits
SecZ=1.07
Focus=-6.324
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.197 -6.308 -4.467
T123=8.6 9.8 11.1
ALT/AZ=68.5 48.8
fwAVG=2.19
sdW=82.8
fwW=2.38
sdS=115.8
fwS=2.27
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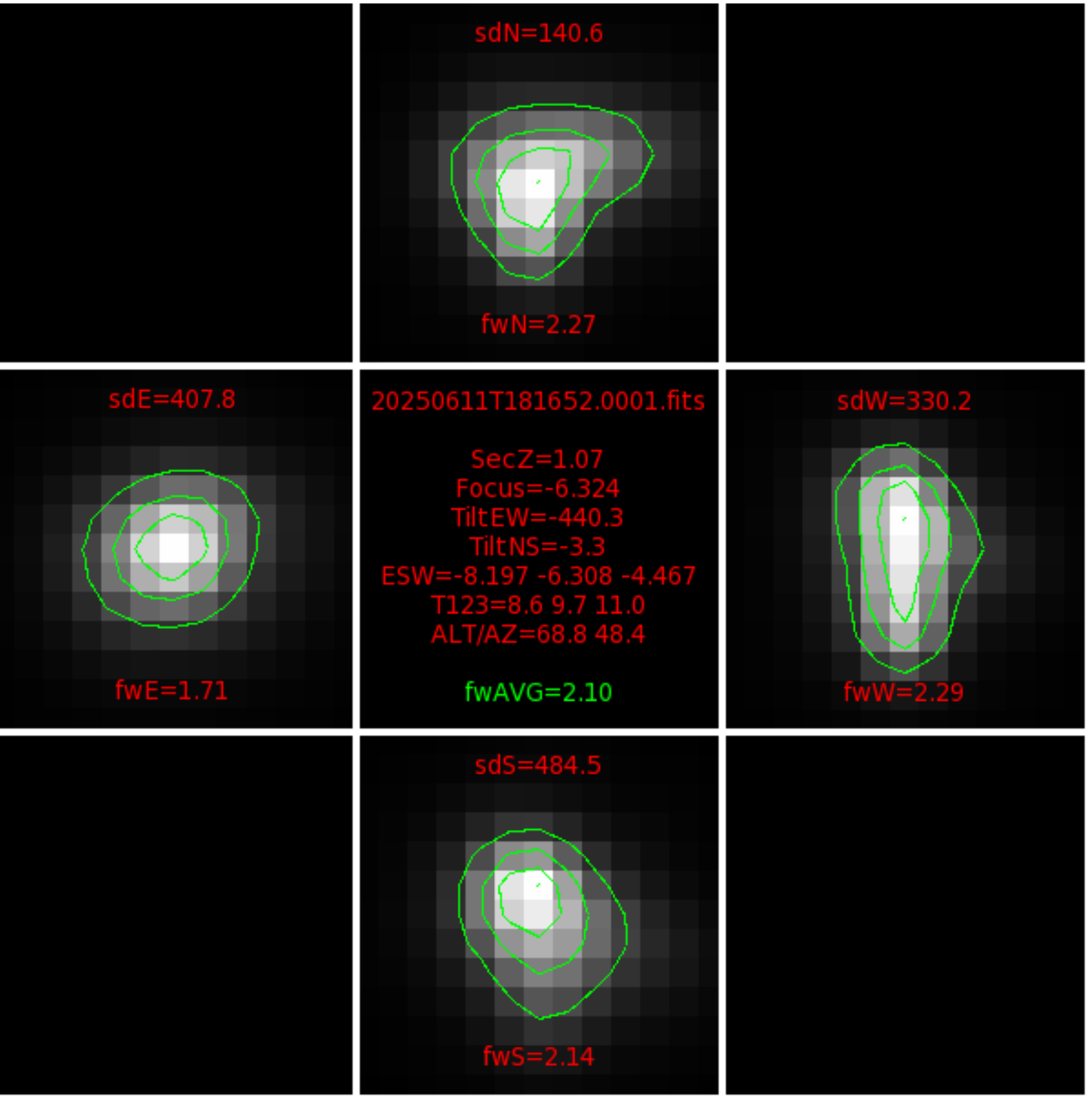
sdN=140.6
fwN=2.27
sdE=407.8
fwE=1.71
20250611T181652.0001.fits
SecZ=1.07
Focus=-6.324
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.197 -6.308 -4.467
T123=8.6 9.7 11.0
ALT/AZ=68.8 48.4
fwAVG=2.10
sdW=330.2
fwW=2.29
sdS=484.5
fwS=2.14
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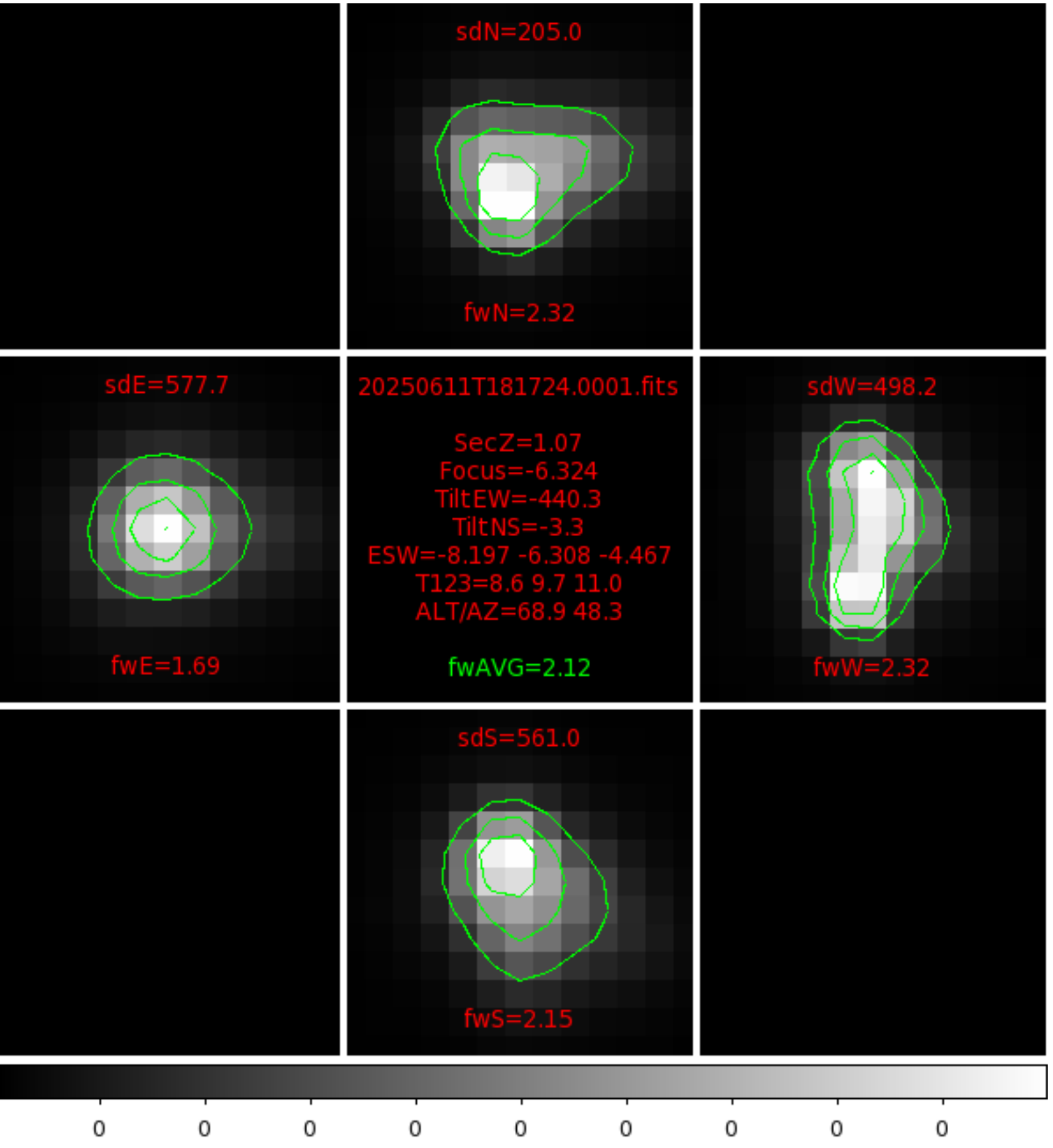
sdN=205.0
fwN=2.32
sdE=577.7
fwE=1.69
20250611T181724.0001.fits
SecZ=1.07
Focus=-6.324
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.197 -6.308 -4.467
T123=8.6 9.7 11.0
ALT/AZ=68.9 48.3
fwAVG=2.12
sdW=498.2
fwW=2.32
sdS=561.0
fwS=2.15
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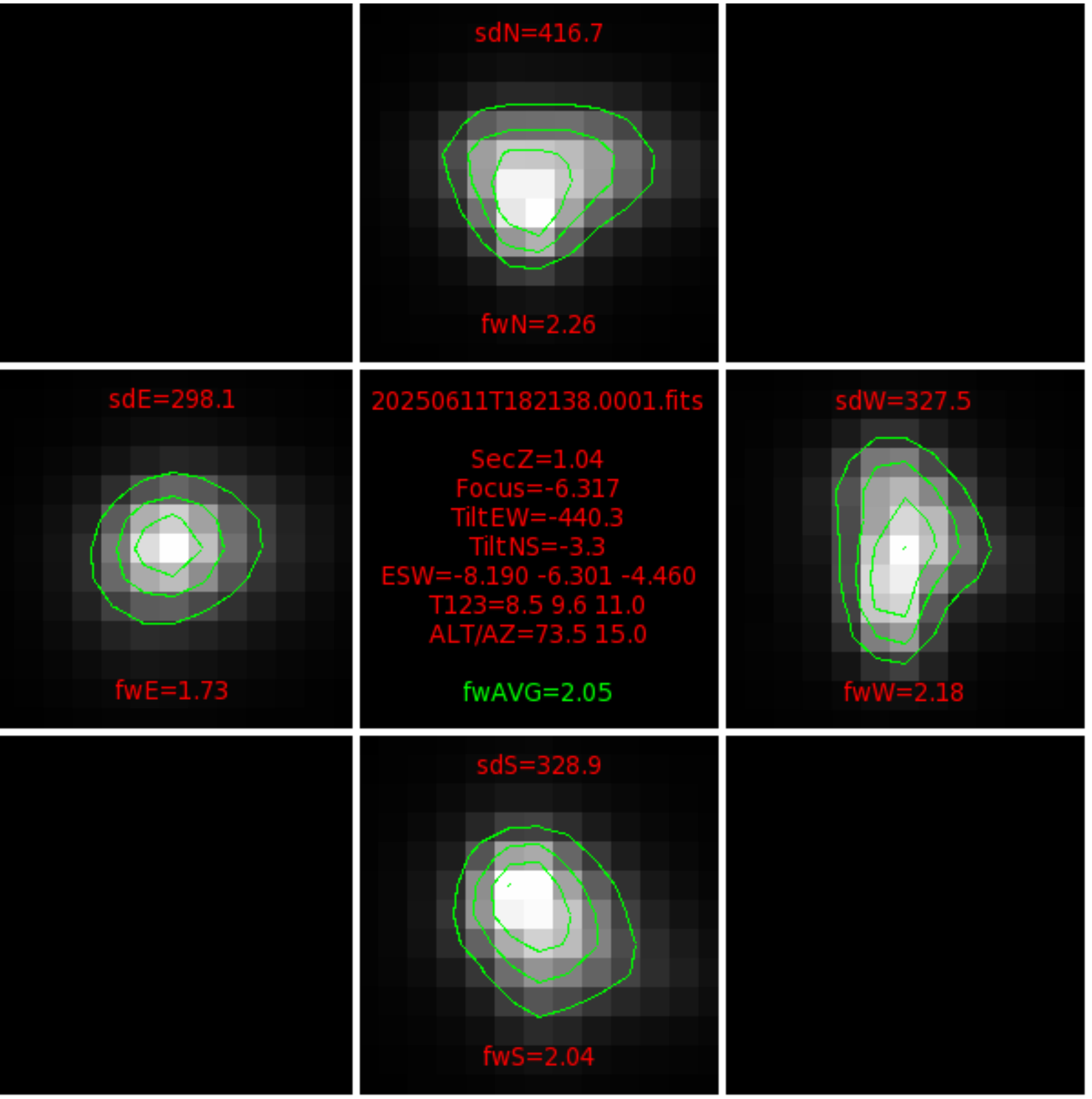
sdN=416.7
fwN=2.26
sdE=298.1
fwE=1.73
20250611T182138.0001.fits
SecZ=1.04
Focus=-6.317
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.190 -6.301 -4.460
T123=8.5 9.6 11.0
ALT/AZ=73.5 15.0
fwAVG=2.05
sdW=327.5
fwW=2.18
sdS=328.9
fwS=2.04
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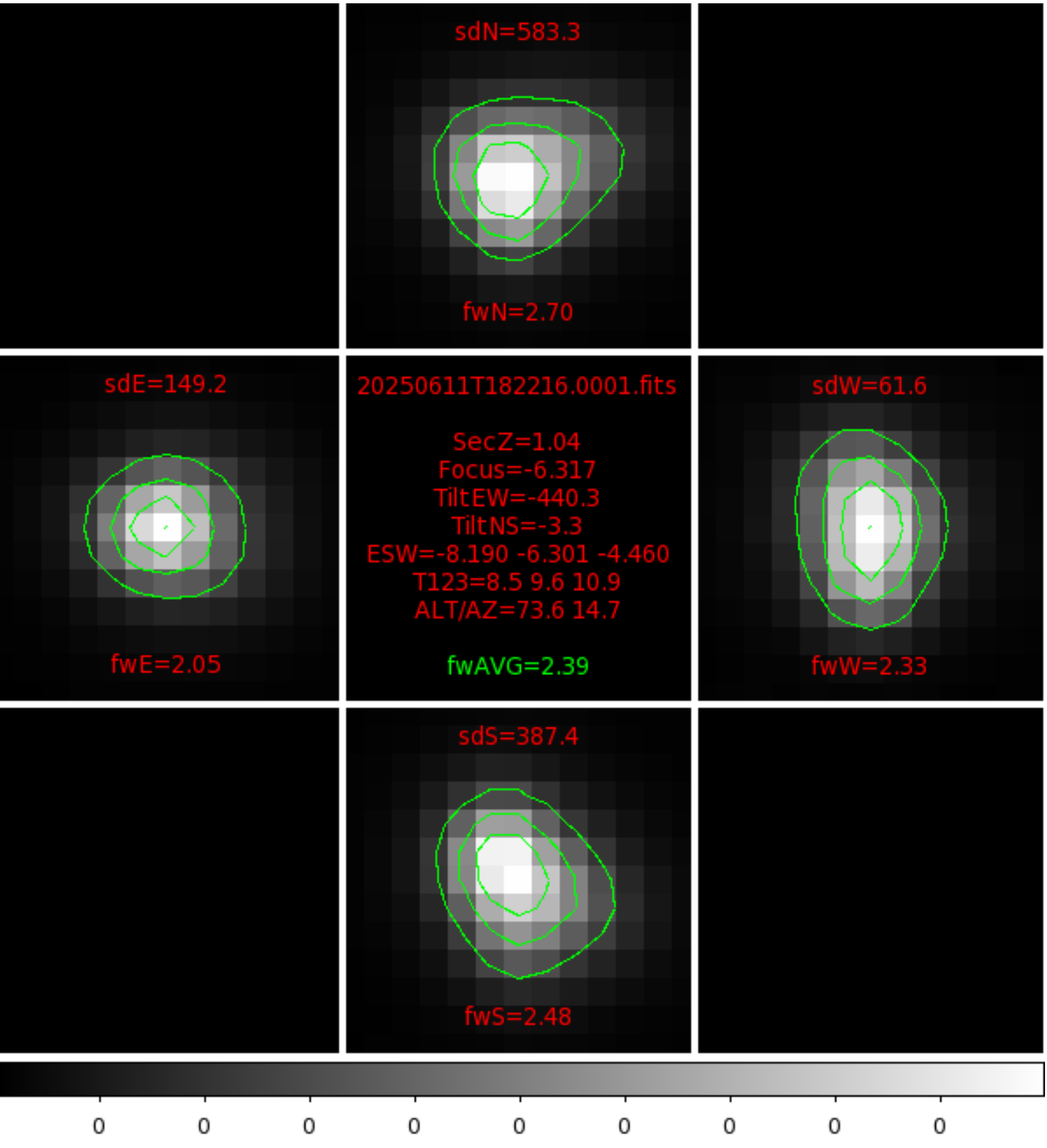
sdN=583.3
fwN=2.70
sdE=149.2
fwE=2.05
20250611T182216.0001.fits
SecZ=1.04
Focus=-6.317
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.190 -6.301 -4.460
T123=8.5 9.6 10.9
ALT/AZ=73.6 14.7
fwAVG=2.39
sdW=61.6
fwW=2.33
sdS=387.4
fwS=2.48
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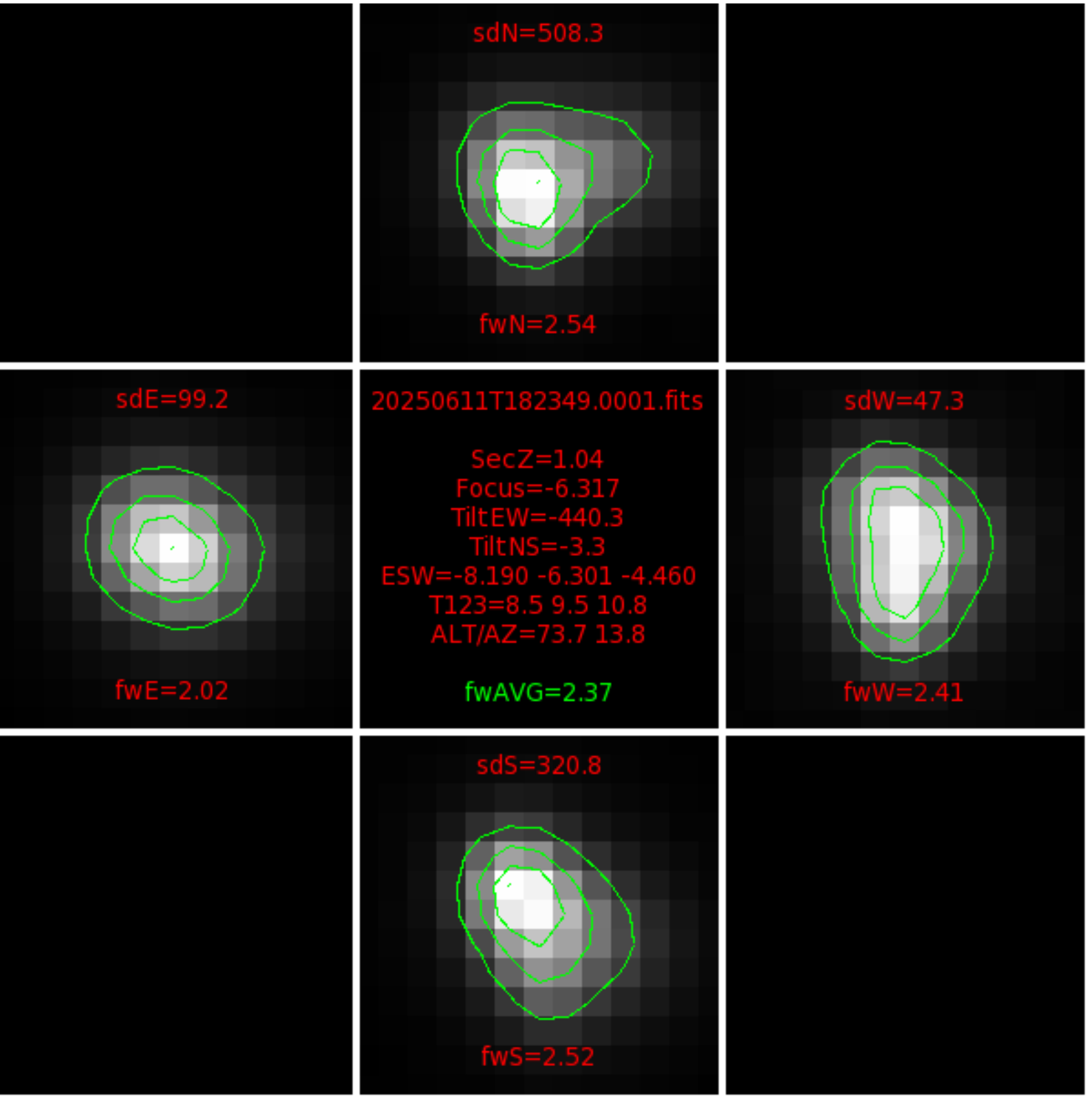
sdN=508.3
fwN=2.54
sdE=99.2
fwE=2.02
20250611T182349.0001.fits
SecZ=1.04
Focus=-6.317
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.190 -6.301 -4.460
T123=8.5 9.5 10.8
ALT/AZ=73.7 13.8
fwAVG=2.37
sdW=47.3
fwW=2.41
sdS=320.8
fwS=2.52
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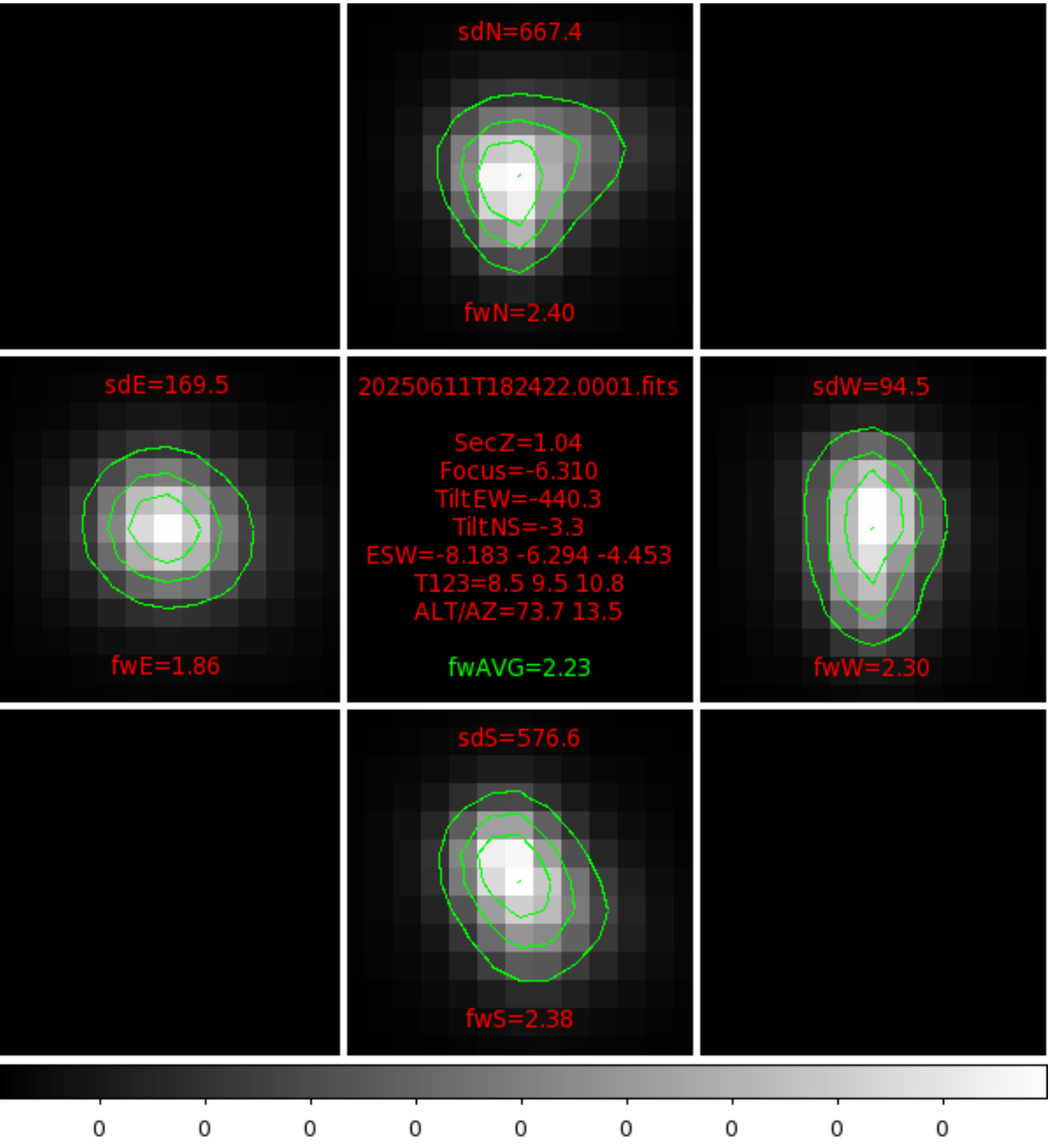
sdN=667.4
fwN=2.40
sdE=169.5
fwE=1.86
20250611T182422.0001.fits
SecZ=1.04
Focus=-6.310
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.183 -6.294 -4.453
T123=8.5 9.5 10.8
ALT/AZ=73.7 13.5
fwAVG=2.23
sdW=94.5
fwW=2.30
sdS=576.6
fwS=2.38
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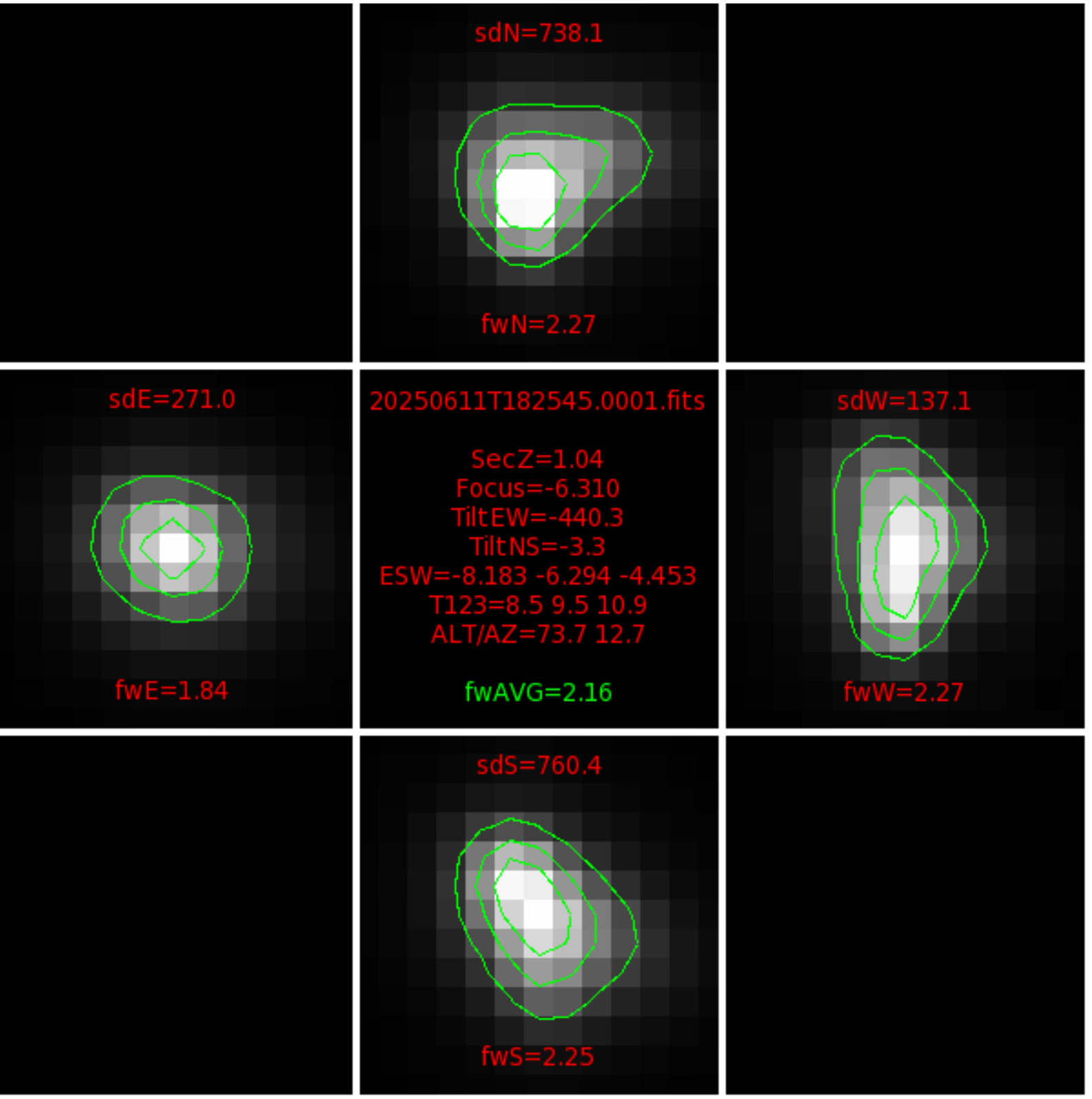
sdN=738.1
fwN=2.27
sdE=271.0
fwE=1.84
20250611T182545.0001.fits
SecZ=1.04
Focus=-6.310
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.183 -6.294 -4.453
T123=8.5 9.5 10.9
ALT/AZ=73.7 12.7
fwAVG=2.16
sdW=137.1
fwW=2.27
sdS=760.4
fwS=2.25
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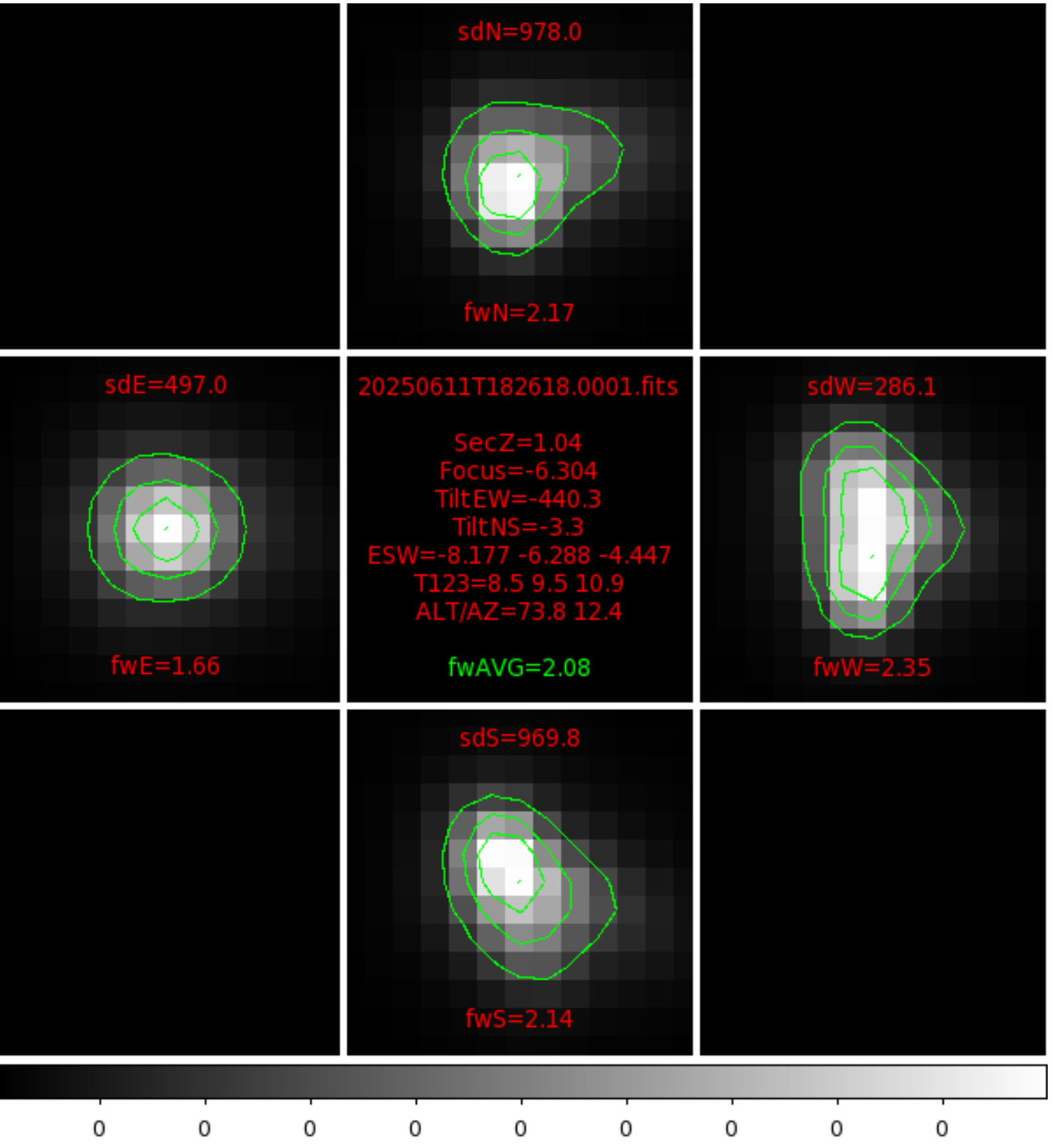
sdN=978.0
fwN=2.17
sdE=497.0
fwE=1.66
20250611T182618.0001.fits
SecZ=1.04
Focus=-6.304
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.177 -6.288 -4.447
T123=8.5 9.5 10.9
ALT/AZ=73.8 12.4
fwAVG=2.08
sdW=286.1
fwW=2.35
sdS=969.8
fwS=2.14
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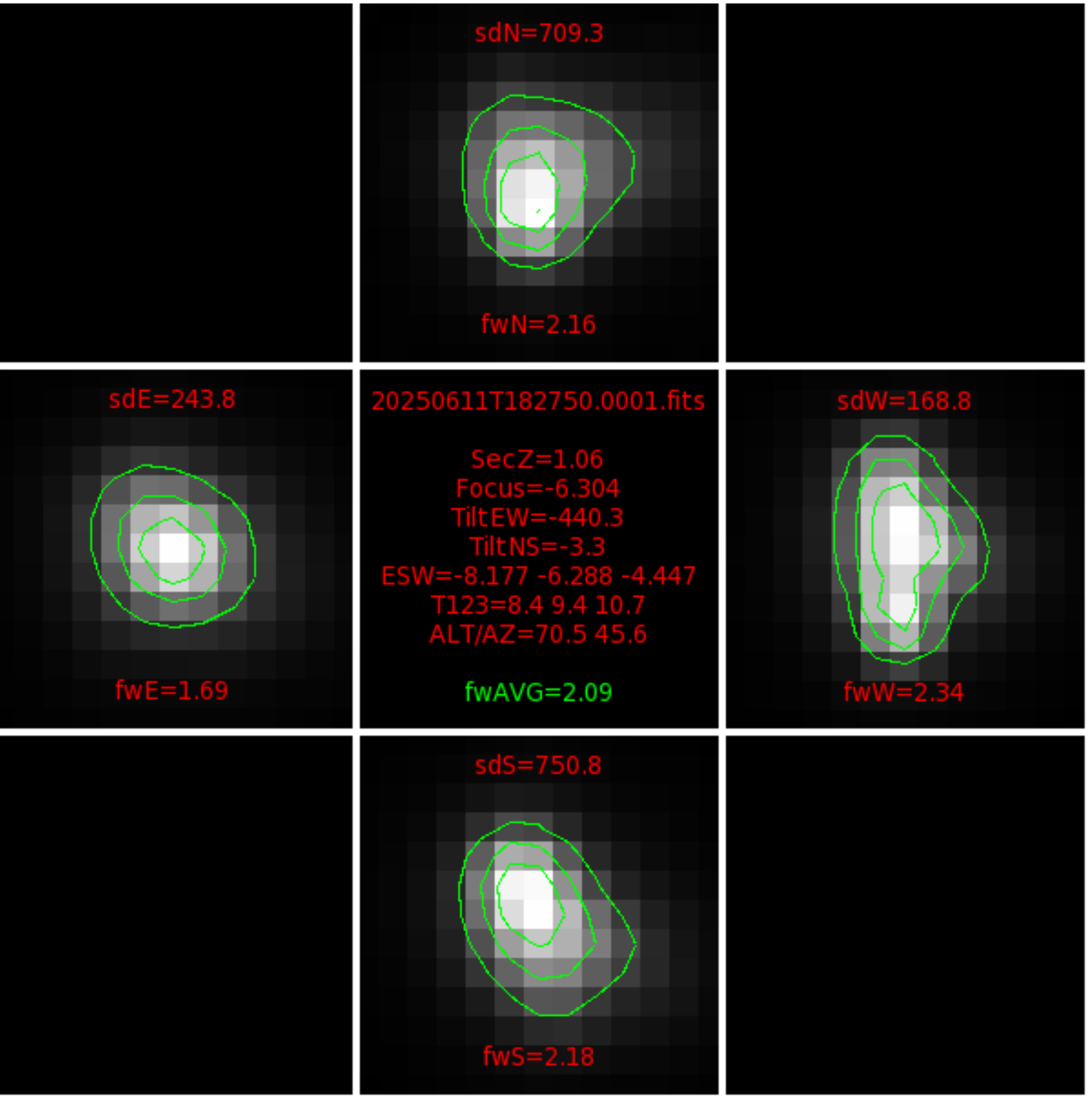
sdN=709.3
fwN=2.16
sdE=243.8
fwE=1.69
20250611T182750.0001.fits
SecZ=1.06
Focus=-6.304
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.177 -6.288 -4.447
T123=8.4 9.4 10.7
ALT/AZ=70.5 45.6
fwAVG=2.09
sdW=168.8
fwW=2.34
sdS=750.8
fwS=2.18
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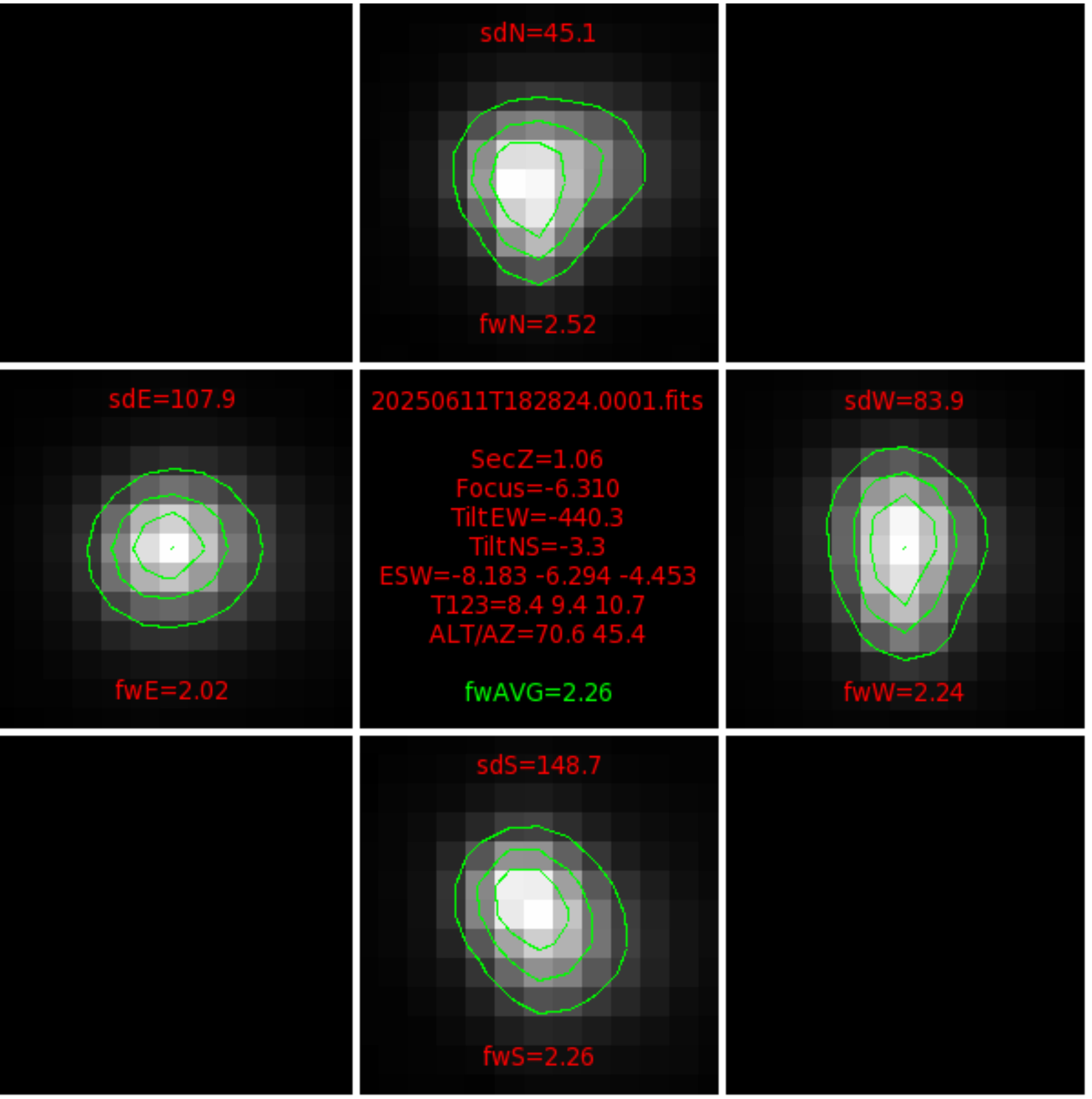
sdN=45.1
fwN=2.52
sdE=107.9
fwE=2.02
20250611T182824.0001.fits
SecZ=1.06
Focus=-6.310
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.183 -6.294 -4.453
T123=8.4 9.4 10.7
ALT/AZ=70.6 45.4
fwAVG=2.26
sdW=83.9
fwW=2.24
sdS=148.7
fwS=2.26
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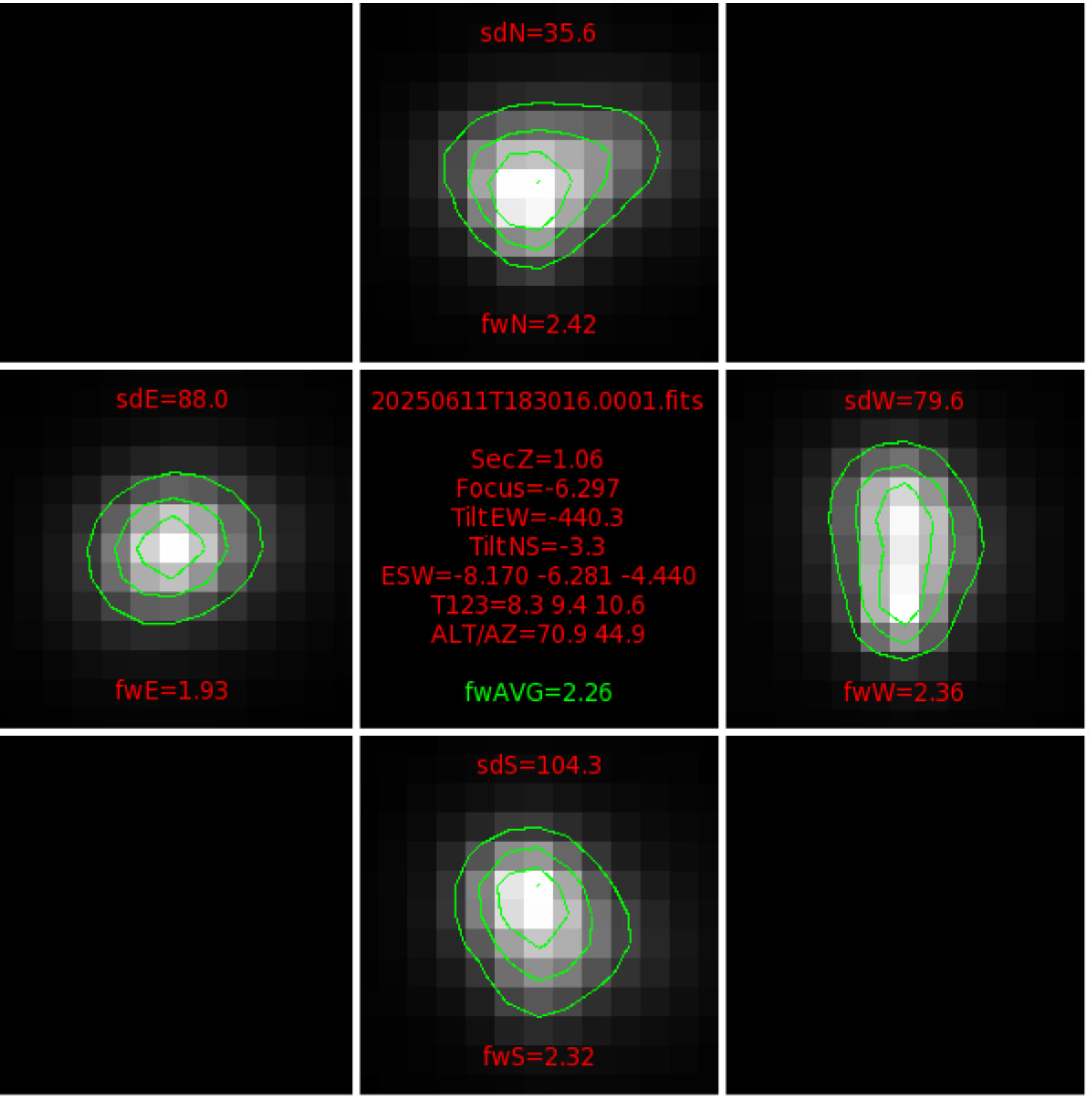
sdN=35.6
fwN=2.42
sdE=88.0
fwE=1.93
20250611T183016.0001.fits
SecZ=1.06
Focus=-6.297
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.170 -6.281 -4.440
T123=8.3 9.4 10.6
ALT/AZ=70.9 44.9
fwAVG=2.26
sdW=79.6
fwW=2.36
sdS=104.3
fwS=2.32
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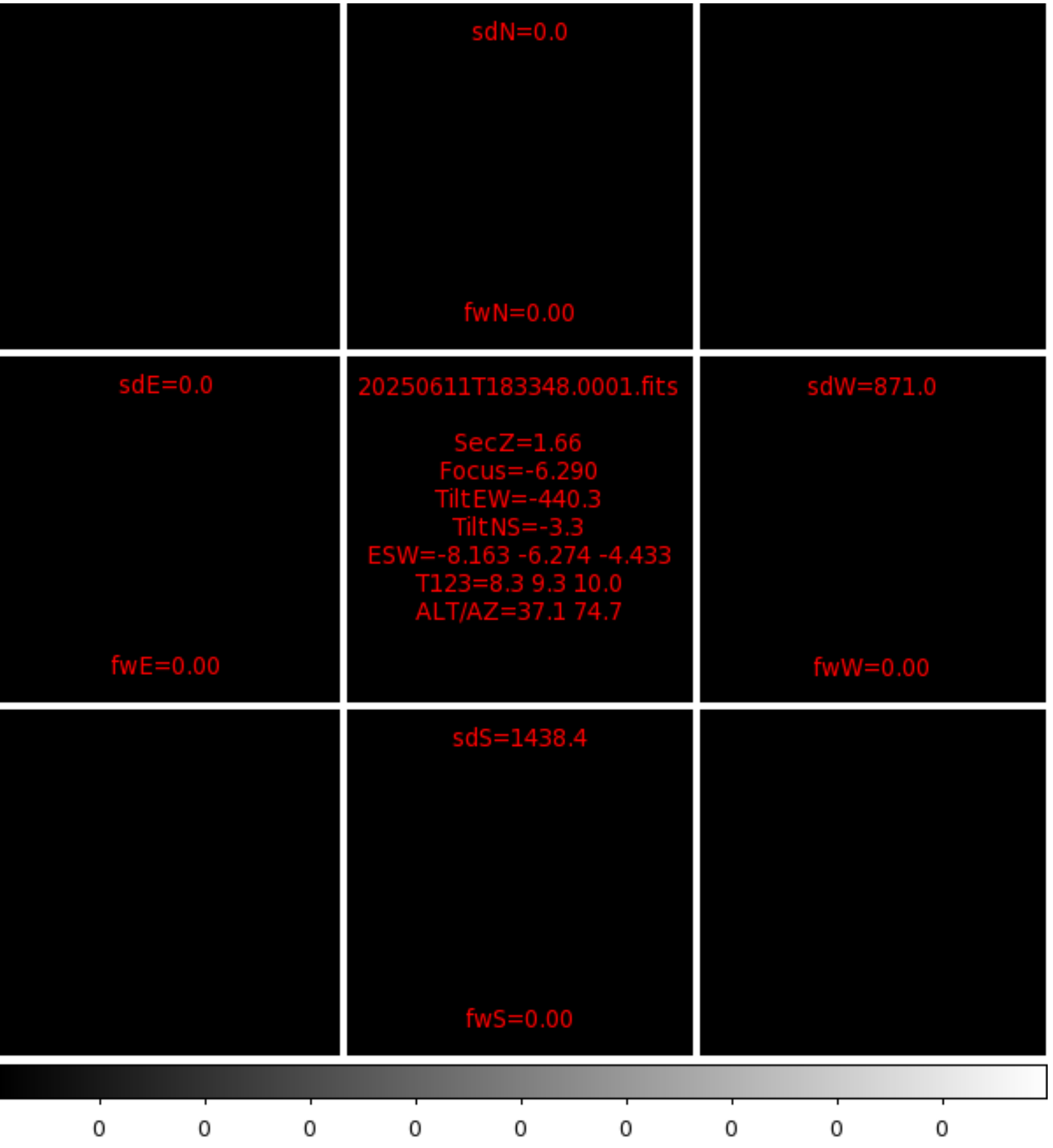
sdN=0.0
fwN=0.00
sdE=0.0
20250611T183348.0001.fits
SecZ=1.66
Focus=-6.290
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.163 -6.274 -4.433
T123=8.3 9.3 10.0
ALT/AZ=37.1 74.7
sdW=871.0
fwE=0.00
fwW=0.00
sdS=1438.4
fwS=0.00
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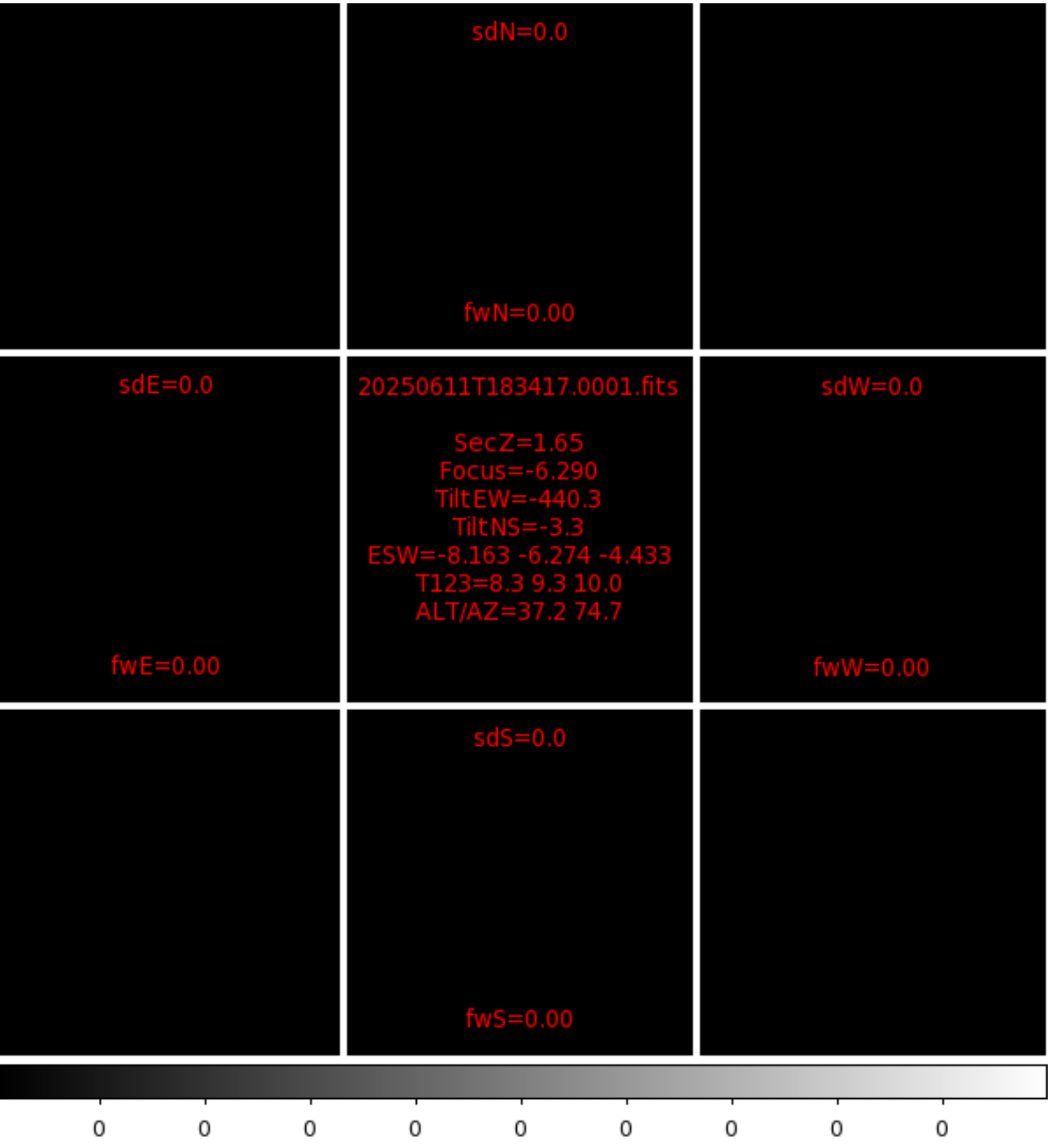
sdN=0.0
fwN=0.00
sdE=0.0
20250611T183417.0001.fits
SecZ=1.65
Focus=-6.290
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.163 -6.274 -4.433
T123=8.3 9.3 10.0
ALT/AZ=37.2 74.7
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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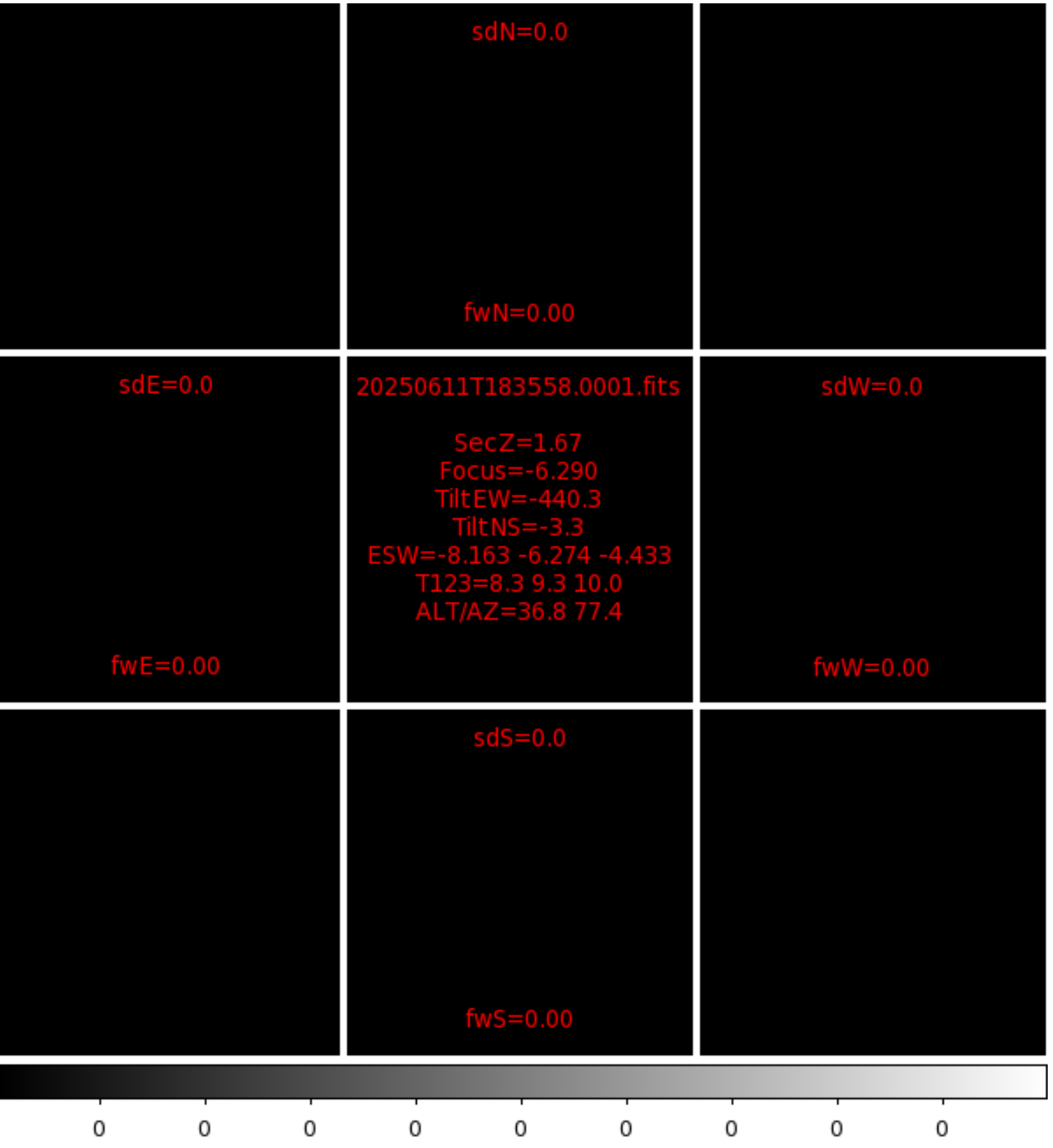
sdN=0.0
fwN=0.00
sdE=0.0
20250611T183558.0001.fits
SecZ=1.67
Focus=-6.290
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.163 -6.274 -4.433
T123=8.3 9.3 10.0
ALT/AZ=36.8 77.4
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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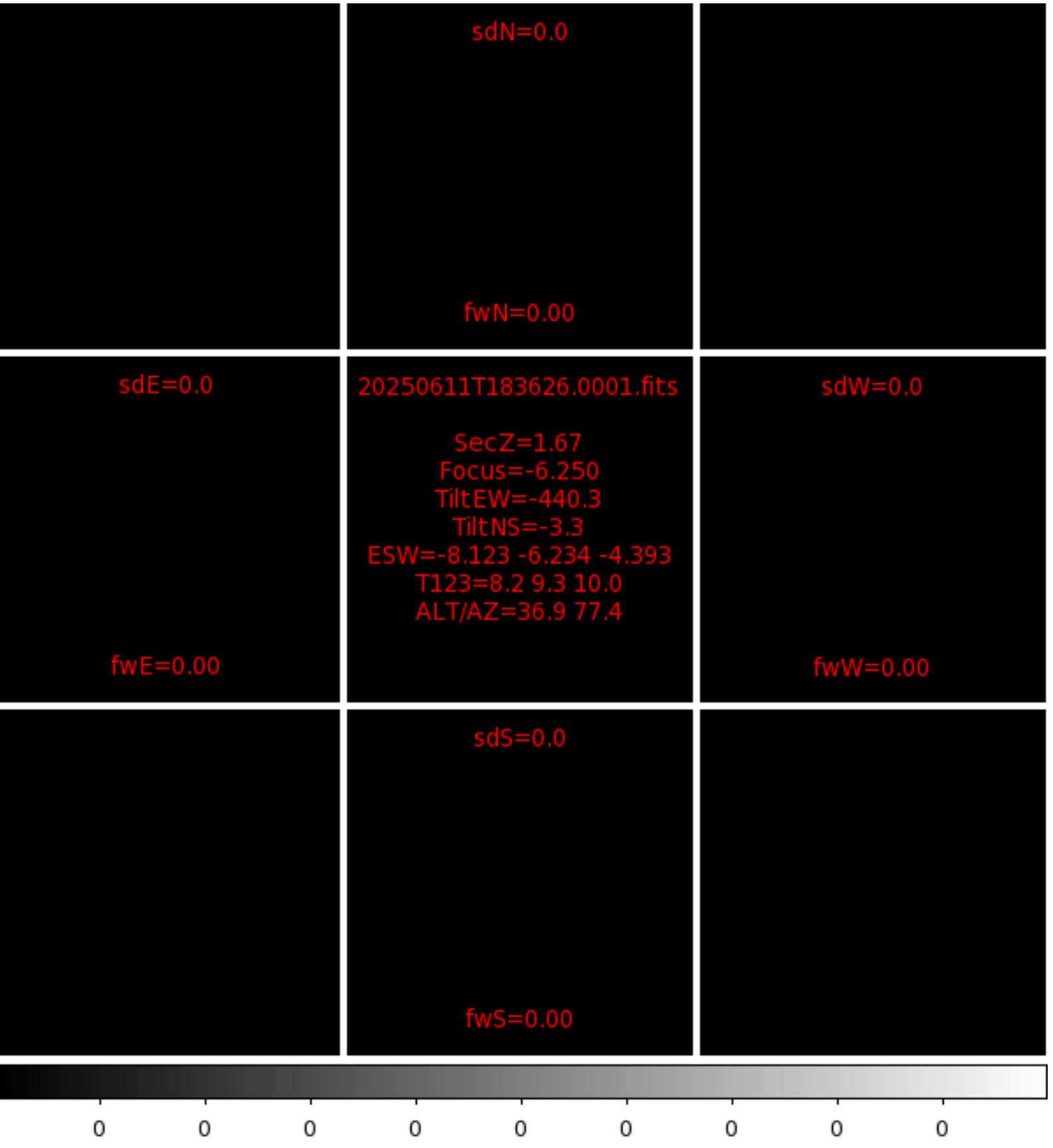
sdN=0.0
fwN=0.00
sdE=0.0
20250611T183626.0001.fits
SecZ=1.67
Focus=-6.250
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.123 -6.234 -4.393
T123=8.2 9.3 10.0
ALT/AZ=36.9 77.4
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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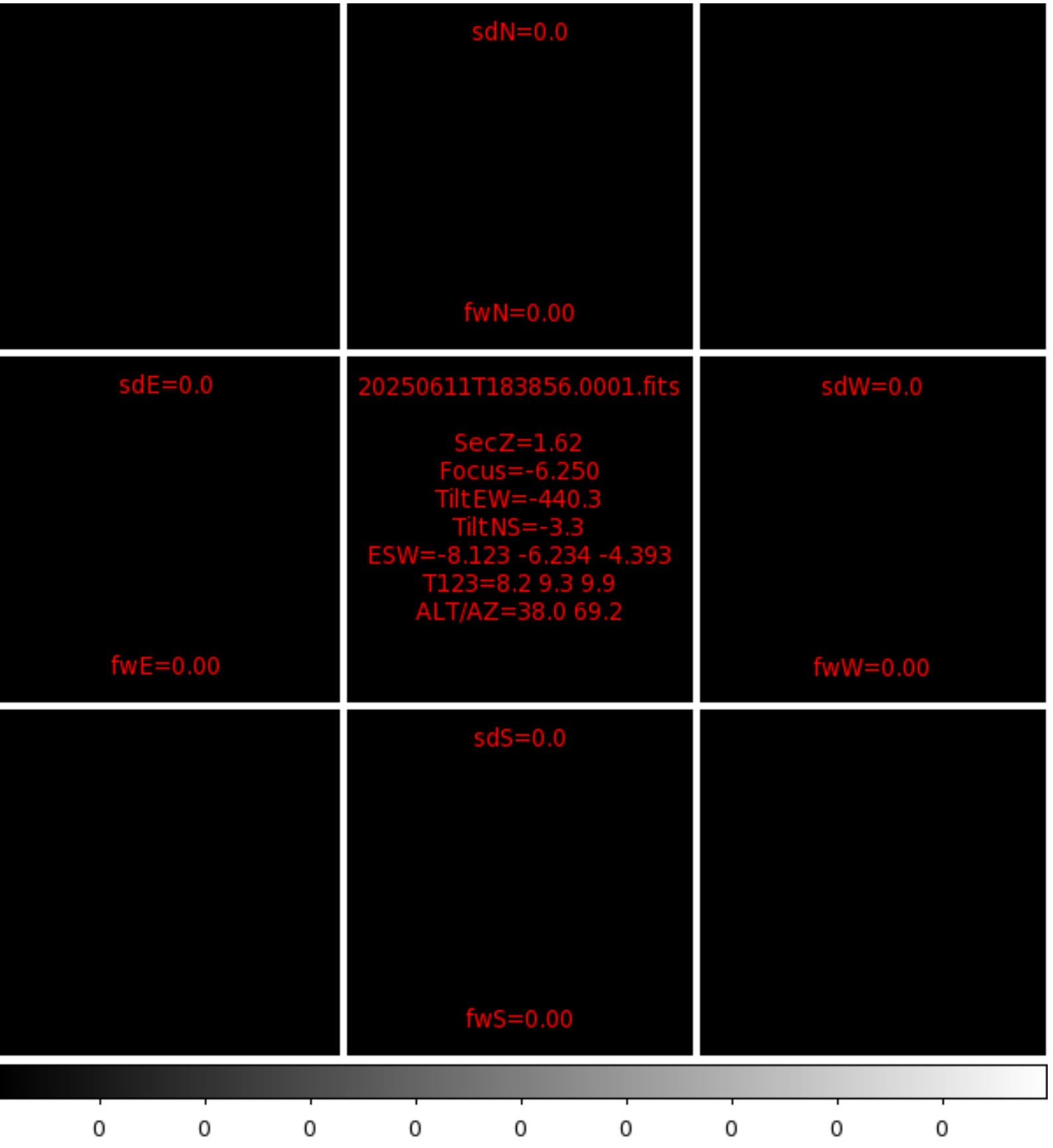
sdN=0.0
fwN=0.00
sdE=0.0
20250611T183856.0001.fits
SecZ=1.62
Focus=-6.250
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.123 -6.234 -4.393
T123=8.2 9.3 9.9
ALT/AZ=38.0 69.2
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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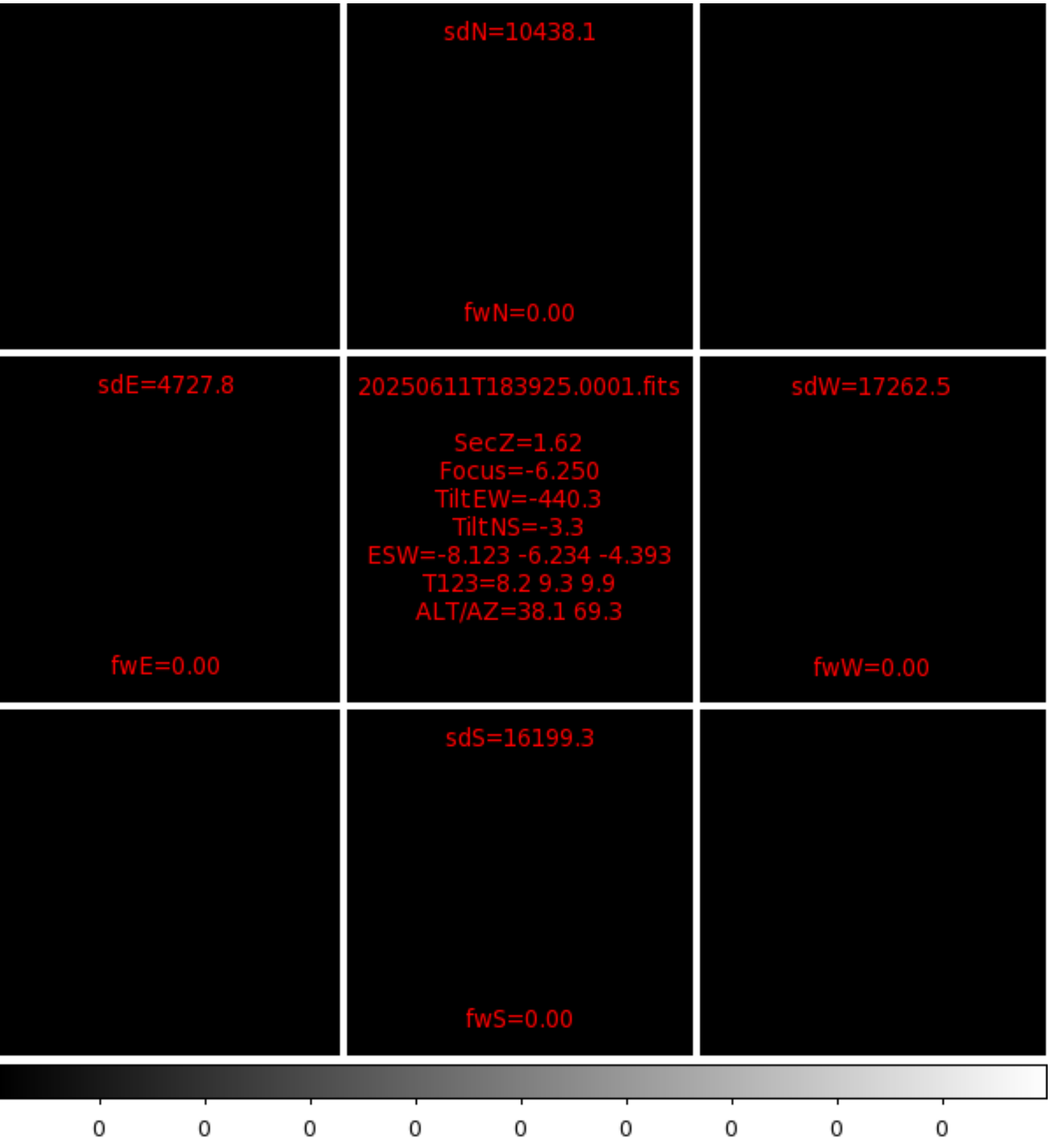
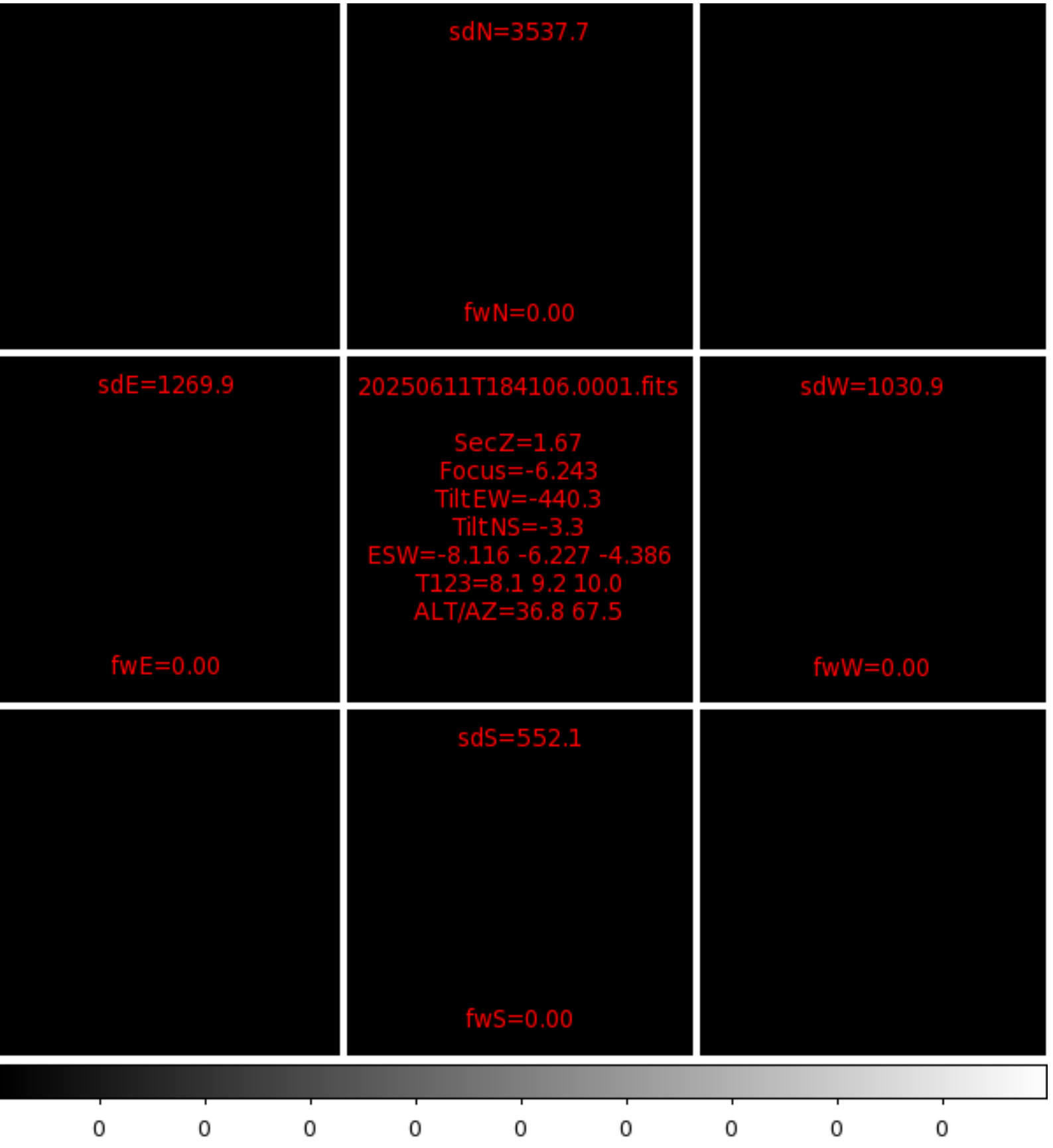

sdN=10438.1
fwN=0.00
sdE=4727.8
fwE=0.00
20250611T183925.0001.fits
SecZ=1.62
Focus=-6.250
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.123 -6.234 -4.393
T123=8.2 9.3 9.9
ALT/AZ=38.1 69.3
sdW=17262.5
fwW=0.00
sdS=16199.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=3537.7
fwN=0.00
sdE=1269.9
fwE=0.00
20250611T184106.0001.fits
SecZ=1.67
Focus=-6.243
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.116 -6.227 -4.386
T123=8.1 9.2 10.0
ALT/AZ=36.8 67.5
sdW=1030.9
fwW=0.00
sdS=552.1
fwS=0.00
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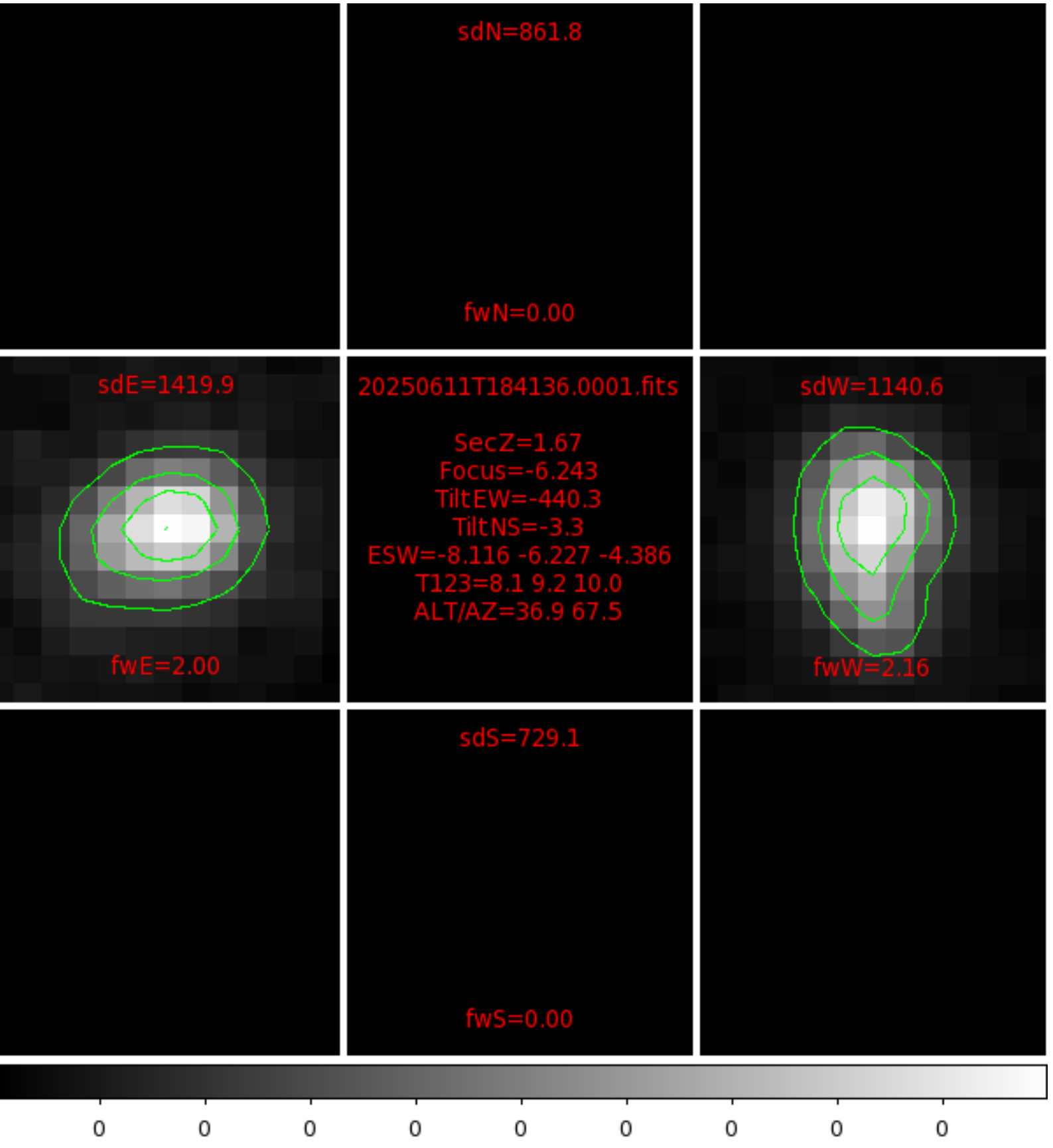
sdN=861.8
fwN=0.00
sdE=1419.9
fwE=2.00
20250611T184136.0001.fits
SecZ=1.67
Focus=-6.243
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.116 -6.227 -4.386
T123=8.1 9.2 10.0
ALT/AZ=36.9 67.5
sdW=1140.6
fwW=2.16
sdS=729.1
fwS=0.00
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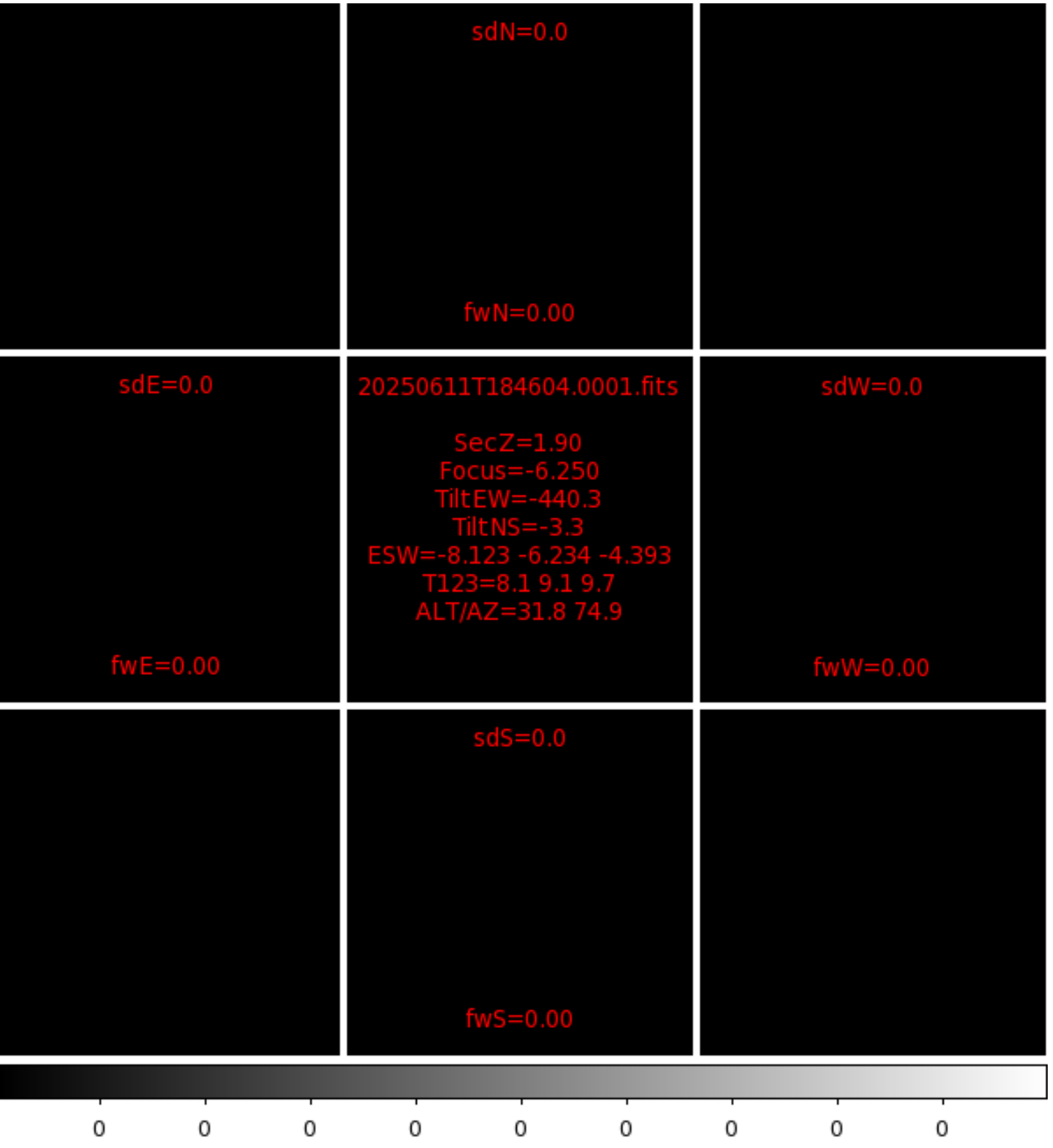
sdN=0.0
fwN=0.00
sdE=0.0
20250611T184604.0001.fits
SecZ=1.90
Focus=-6.250
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.123 -6.234 -4.393
T123=8.1 9.1 9.7
ALT/AZ=31.8 74.9
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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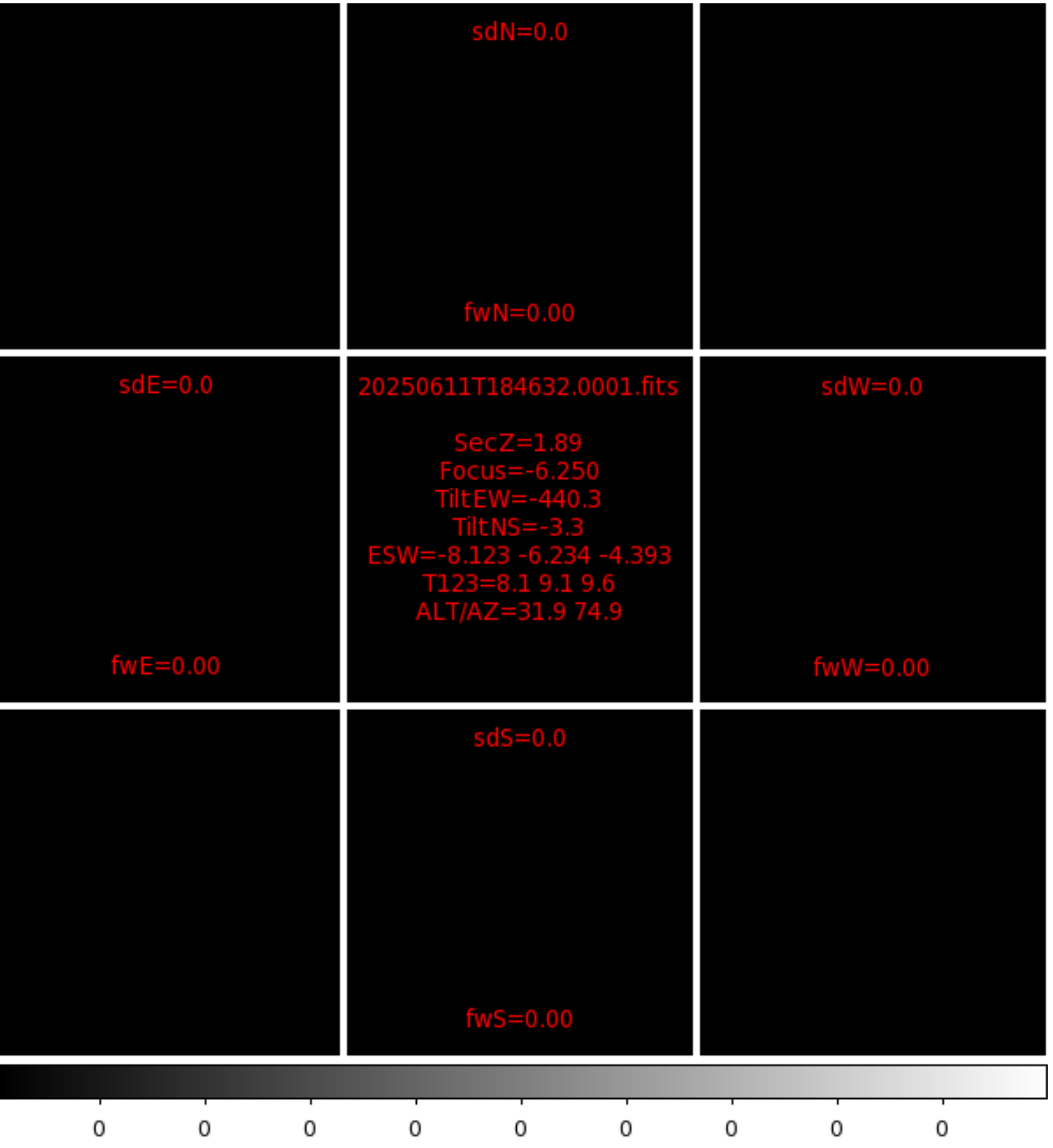
sdN=0.0
fwN=0.00
sdE=0.0
20250611T184632.0001.fits
SecZ=1.89
Focus=-6.250
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.123 -6.234 -4.393
T123=8.1 9.1 9.6
ALT/AZ=31.9 74.9
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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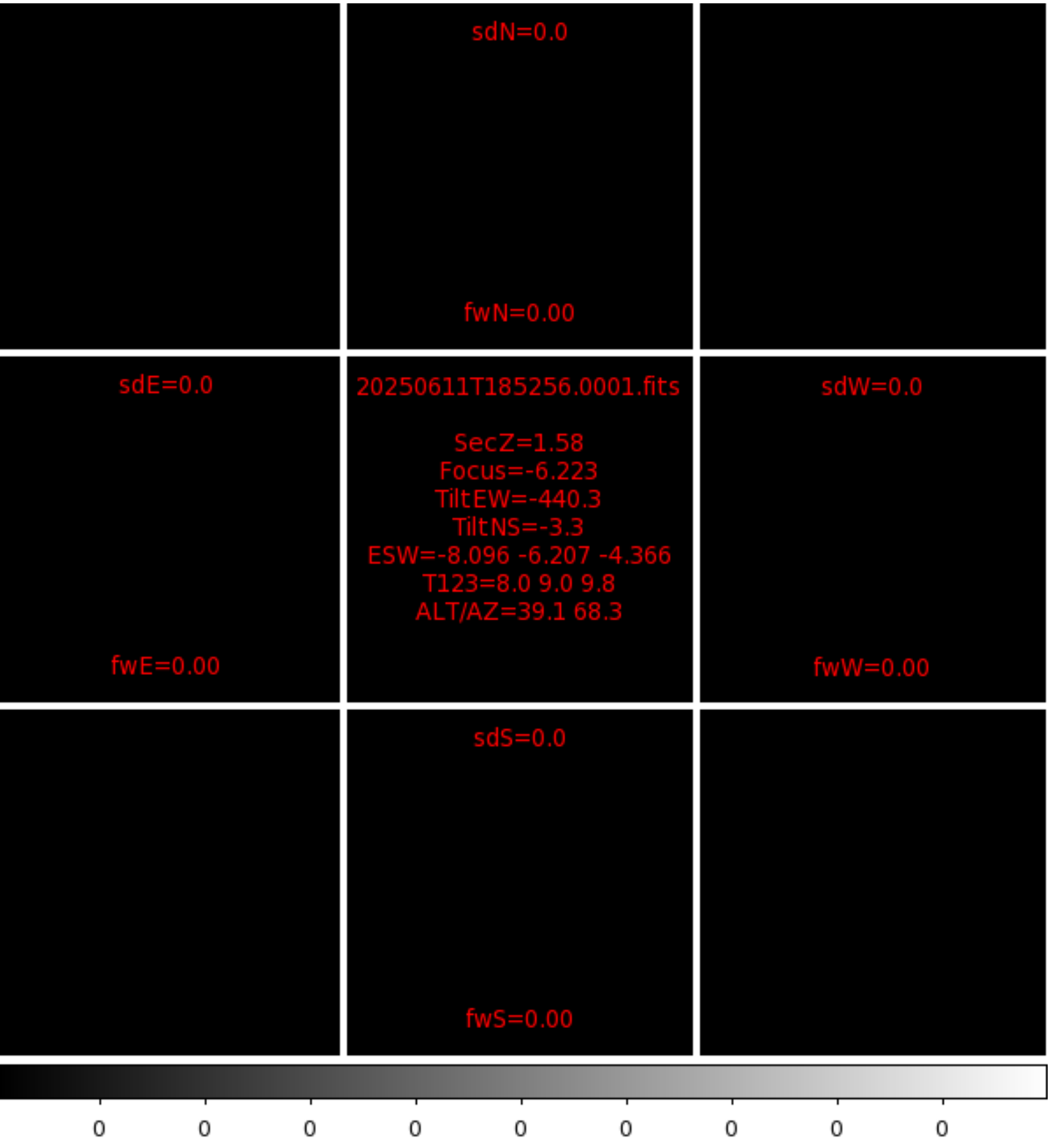
sdN=0.0
fwN=0.00
sdE=0.0
20250611T185256.0001.fits
SecZ=1.58
Focus=-6.223
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.096 -6.207 -4.366
T123=8.0 9.0 9.8
ALT/AZ=39.1 68.3
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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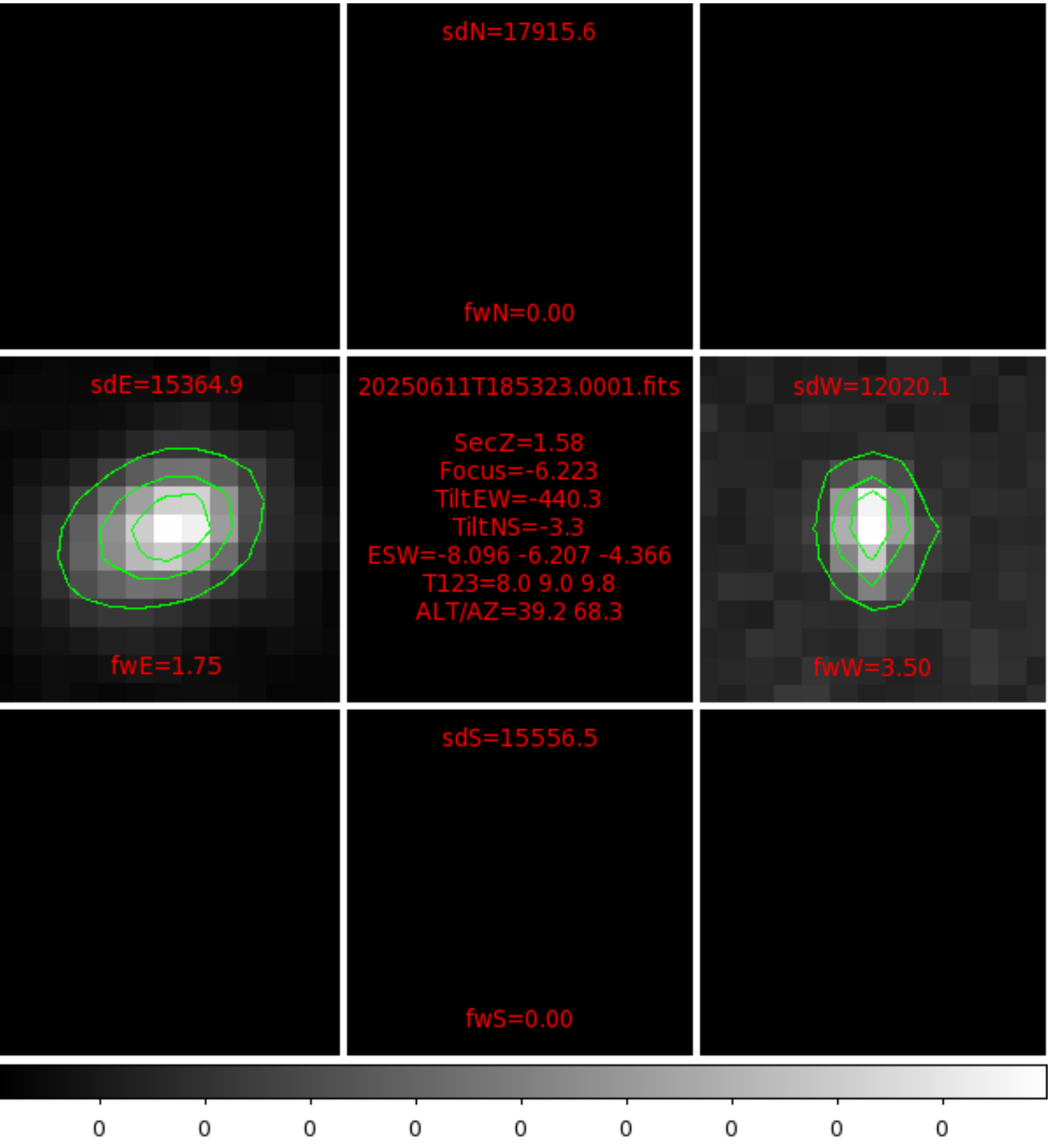
sdN=17915.6
fwN=0.00
sdE=15364.9
fwE=1.75
20250611T185323.0001.fits
SecZ=1.58
Focus=-6.223
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.096 -6.207 -4.366
T123=8.0 9.0 9.8
ALT/AZ=39.2 68.3
sdW=12020.1
fwW=3.50
sdS=15556.5
fwS=0.00
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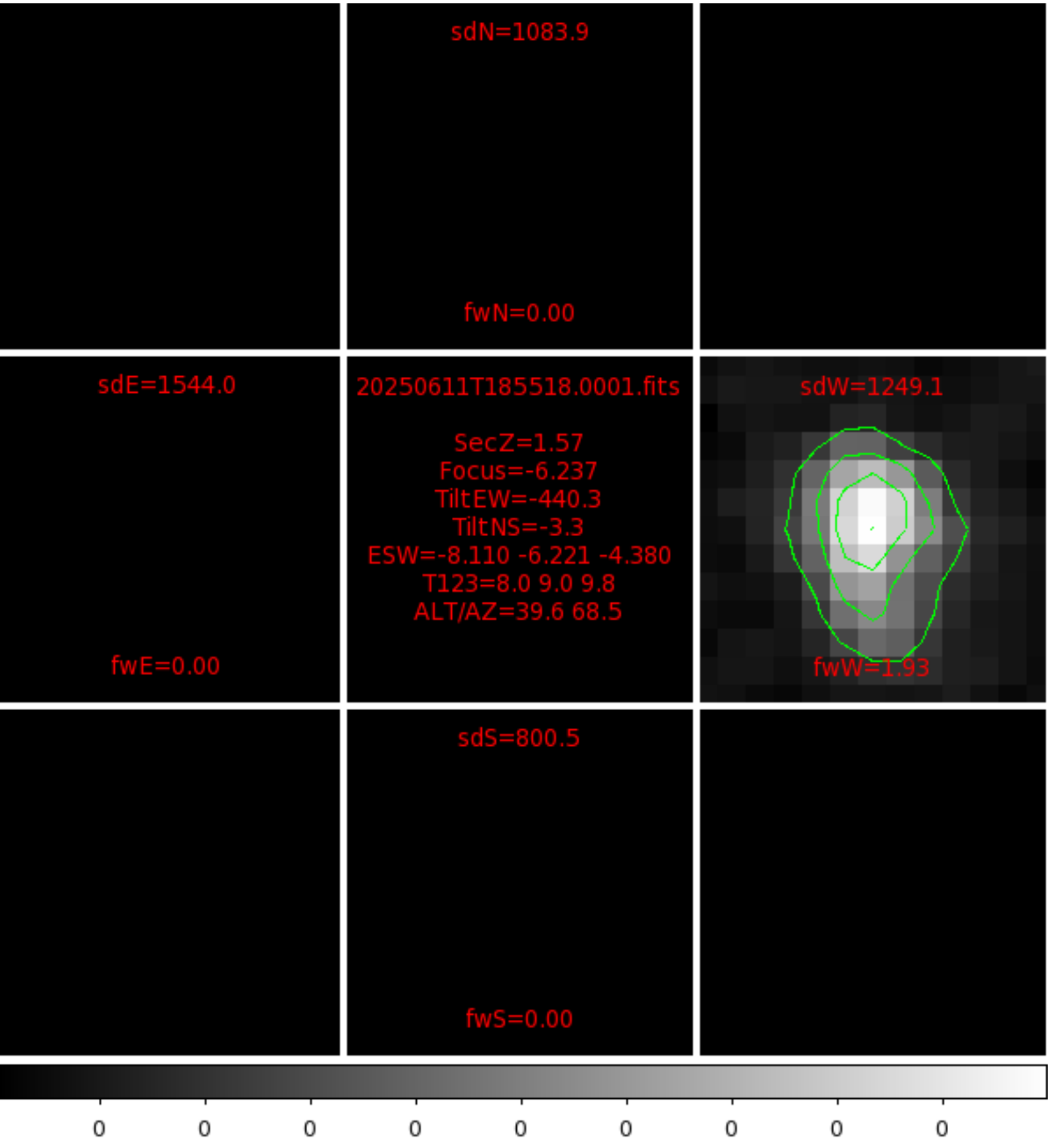
sdN=1083.9
fwN=0.00
sdE=1544.0
20250611T185518.0001.fits
SecZ=1.57
Focus=-6.237
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.110 -6.221 -4.380
T123=8.0 9.0 9.8
ALT/AZ=39.6 68.5
sdW=1249.1
fwW=1.93
fwE=0.00
sdS=800.5
fwS=0.00
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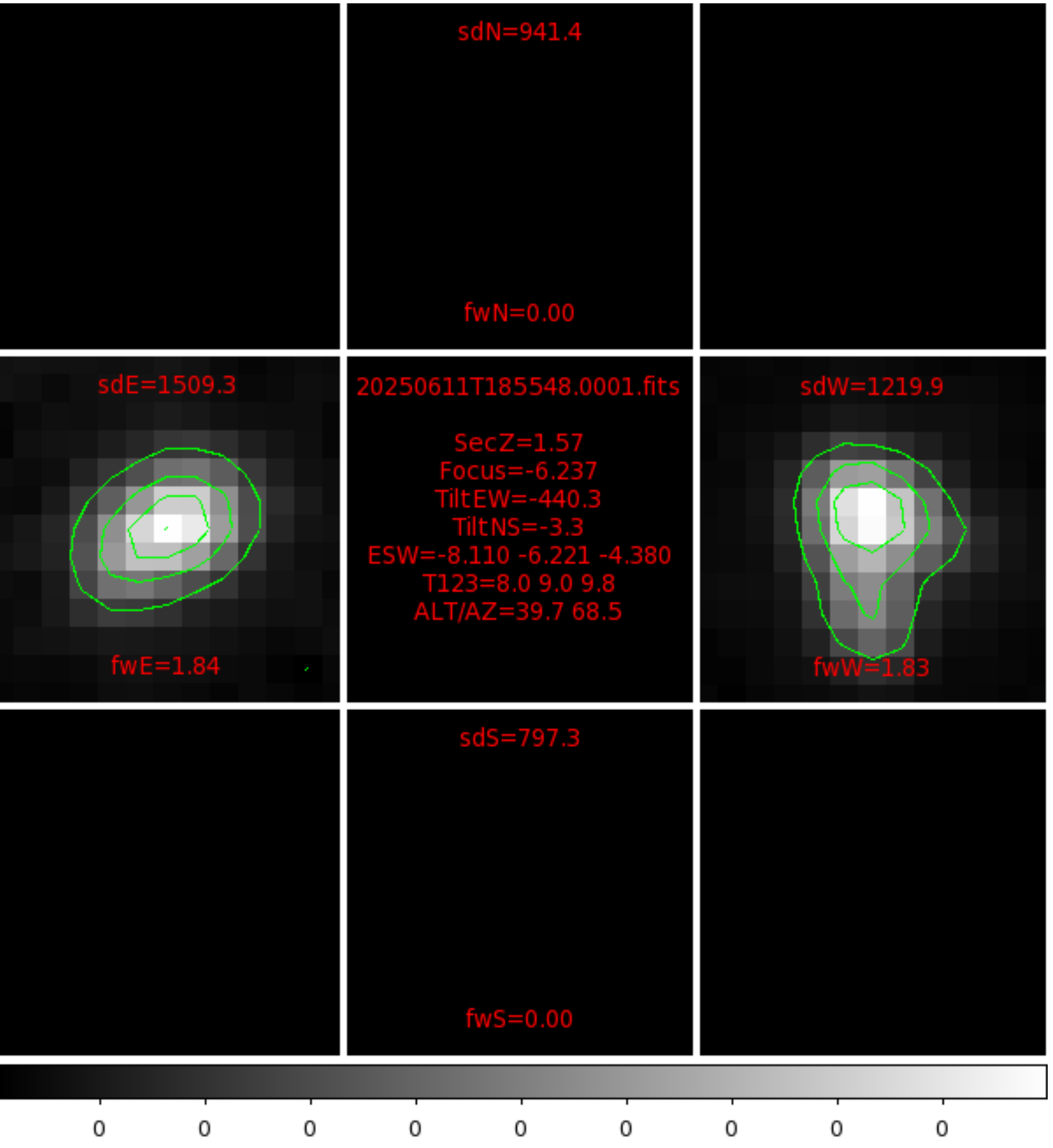
sdN=941.4
fwN=0.00
sdE=1509.3
fwE=1.84
20250611T185548.0001.fits
SecZ=1.57
Focus=-6.237
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.110 -6.221 -4.380
T123=8.0 9.0 9.8
ALT/AZ=39.7 68.5
sdW=1219.9
fwW=1.83
sdS=797.3
fwS=0.00
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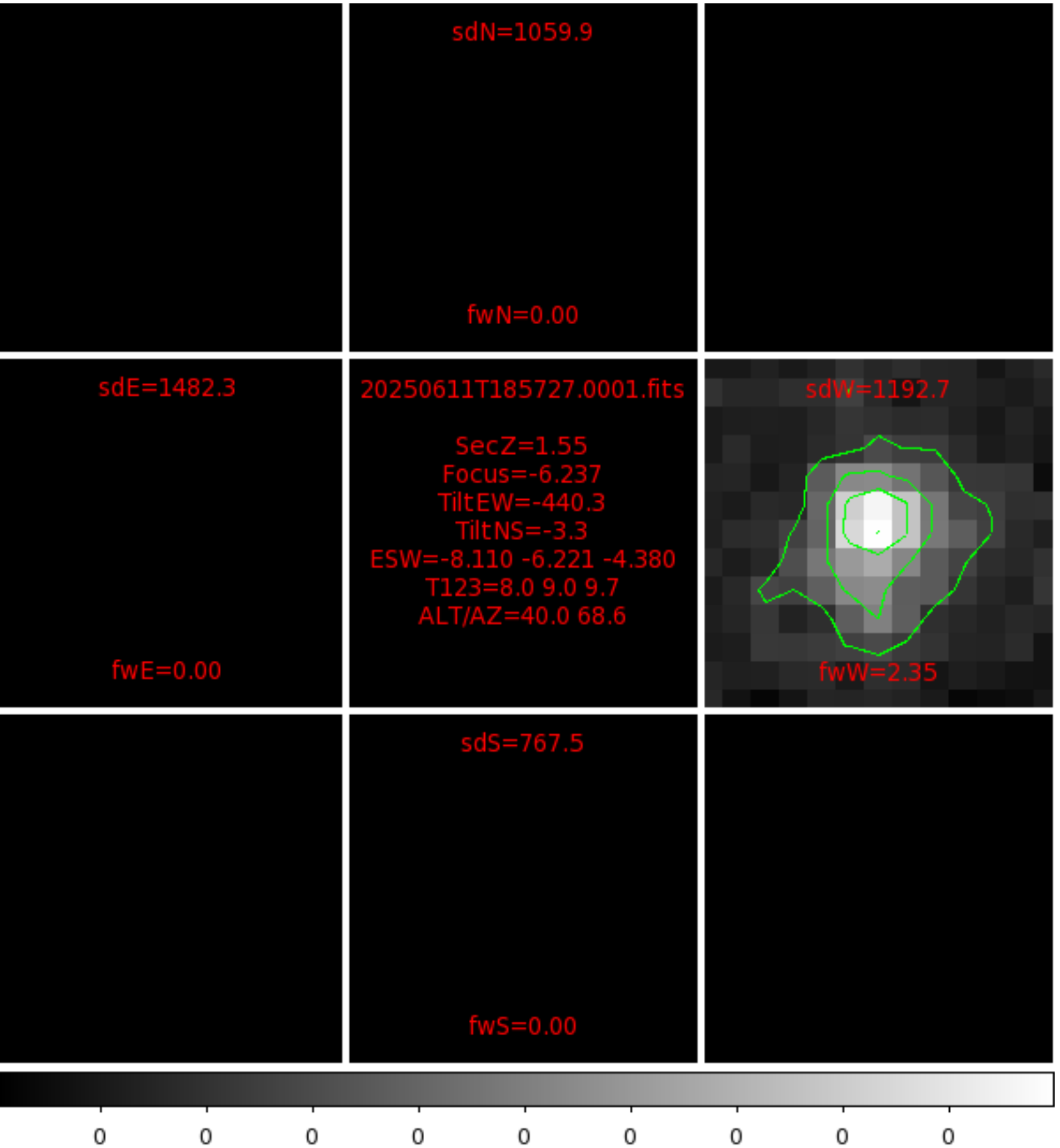
sdN=1059.9
fwN=0.00
sdE=1482.3
fwE=0.00
20250611T185727.0001.fits
SecZ=1.55
Focus=-6.237
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.110 -6.221 -4.380
T123=8.0 9.0 9.7
ALT/AZ=40.0 68.6
sdW=1192.7
fwW=2.35
sdS=767.5
fwS=0.00
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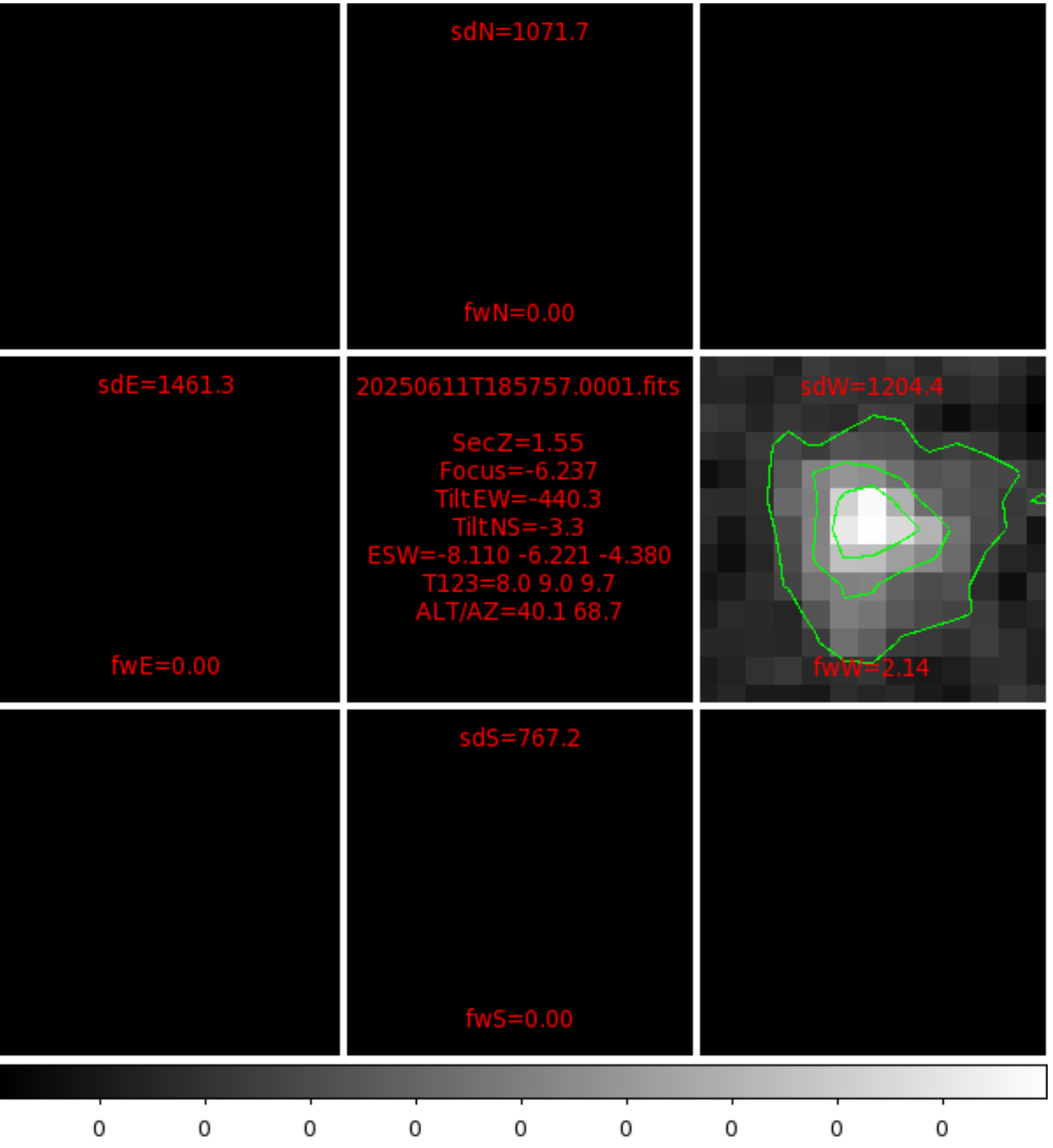
sdN=1071.7
fwN=0.00
sdE=1461.3
fwE=0.00
20250611T185757.0001.fits
SecZ=1.55
Focus=-6.237
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.110 -6.221 -4.380
T123=8.0 9.0 9.7
ALT/AZ=40.1 68.7
sdW=1204.4
fwW=2.14
sdS=767.2
fwS=0.00
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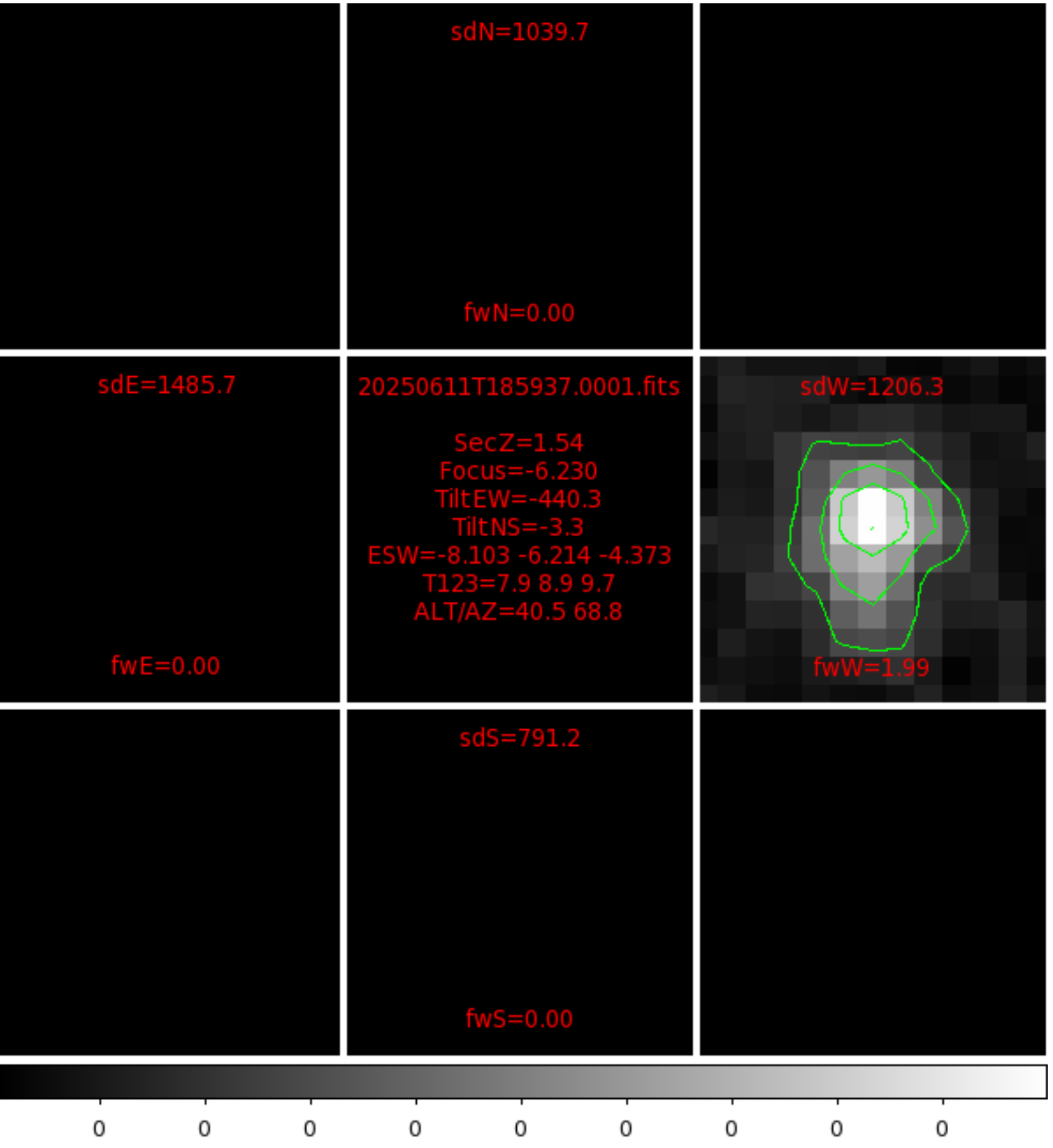
sdN=1039.7
fwN=0.00
sdE=1485.7
fwE=0.00
20250611T185937.0001.fits
SecZ=1.54
Focus=-6.230
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.103 -6.214 -4.373
T123=7.9 8.9 9.7
ALT/AZ=40.5 68.8
sdW=1206.3
fwW=1.99
sdS=791.2
fwS=0.00
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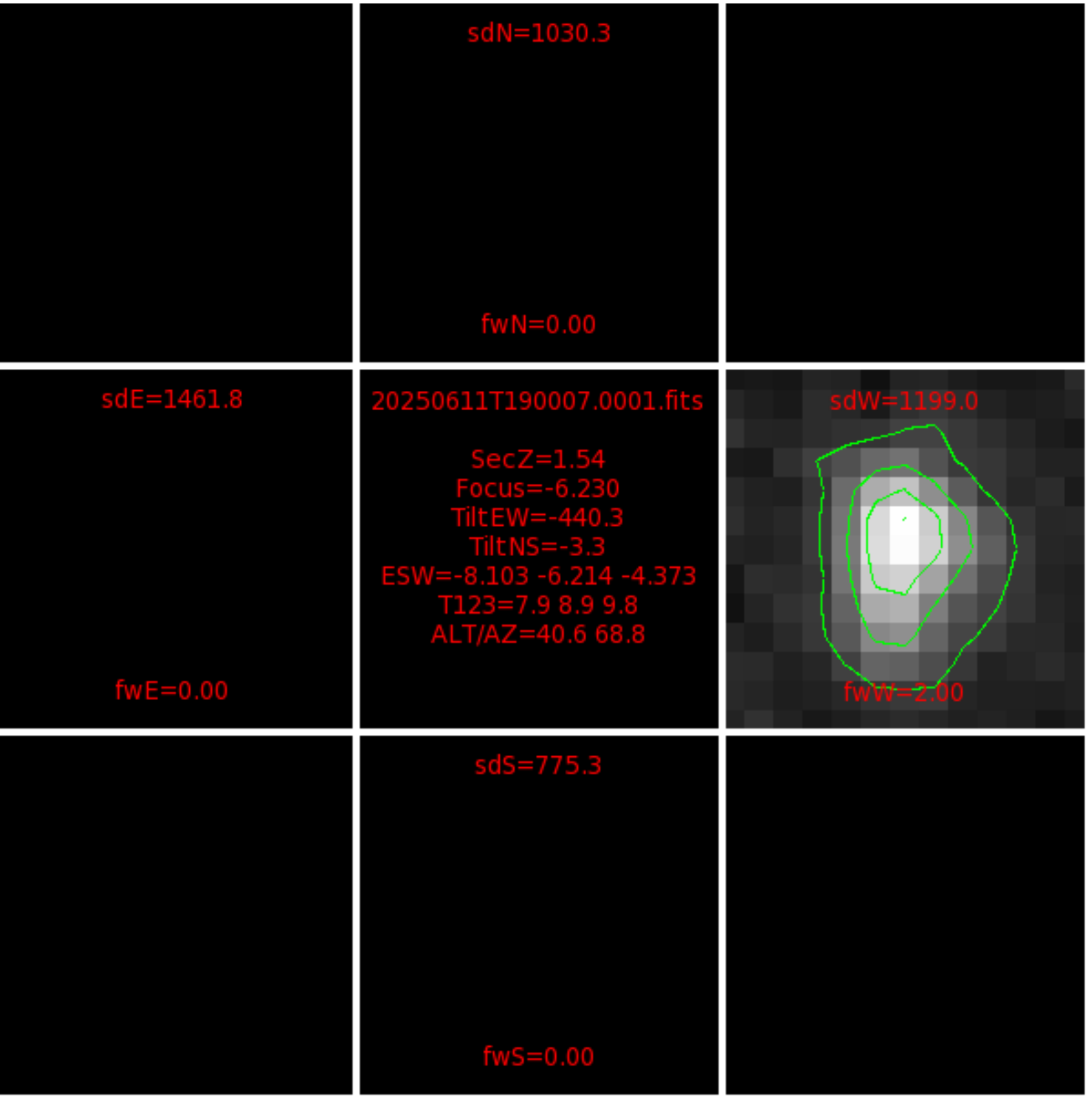
sdN=1030.3
fwN=0.00
sdE=1461.8
fwE=0.00
20250611T190007.0001.fits
SecZ=1.54
Focus=-6.230
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.103 -6.214 -4.373
T123=7.9 8.9 9.8
ALT/AZ=40.6 68.8
sdW=1199.0
fwW=2.00
sdS=775.3
fwS=0.00
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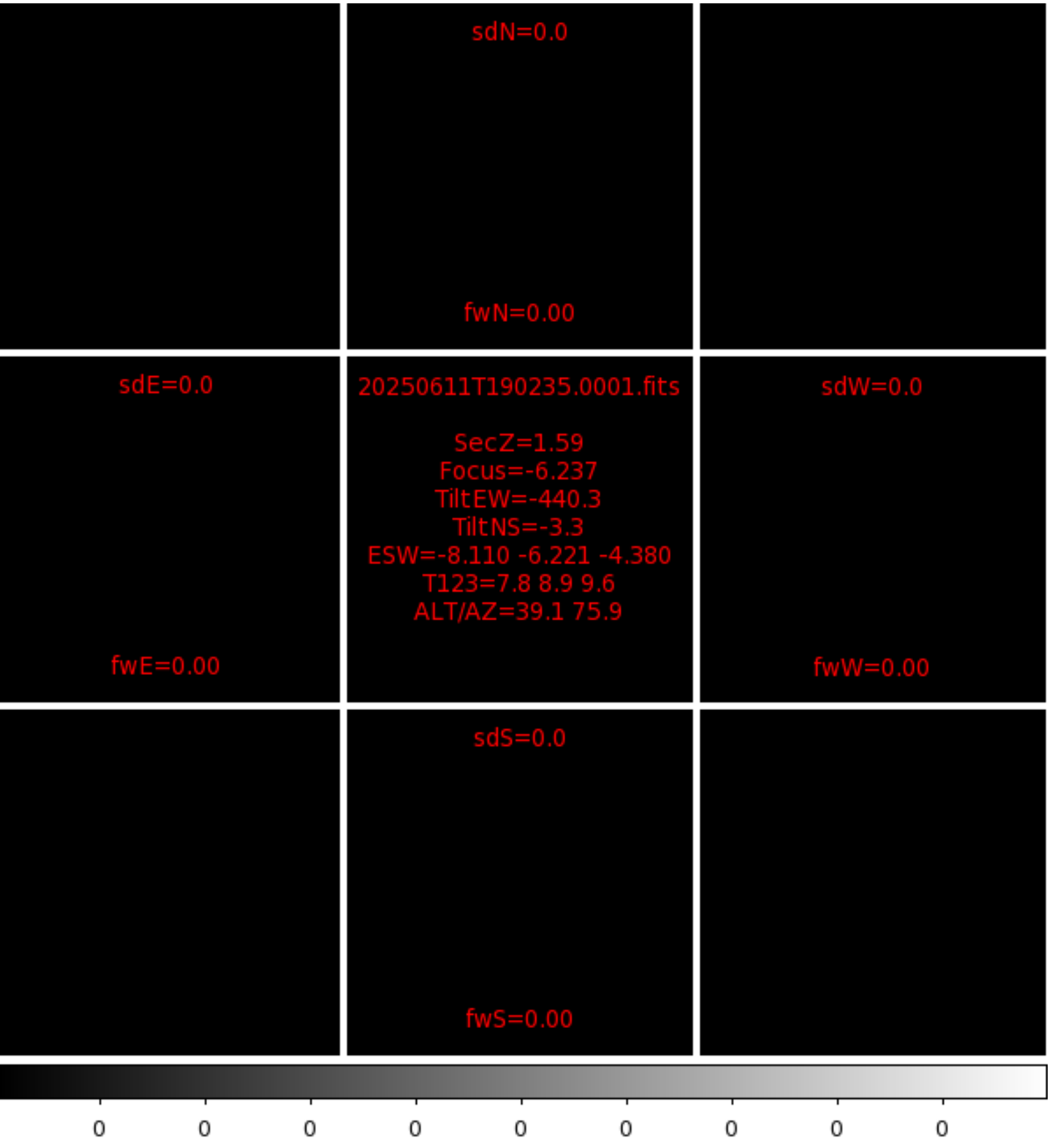
sdN=0.0
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sdE=0.0
20250611T190235.0001.fits
SecZ=1.59
Focus=-6.237
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.110 -6.221 -4.380
T123=7.8 8.9 9.6
ALT/AZ=39.1 75.9
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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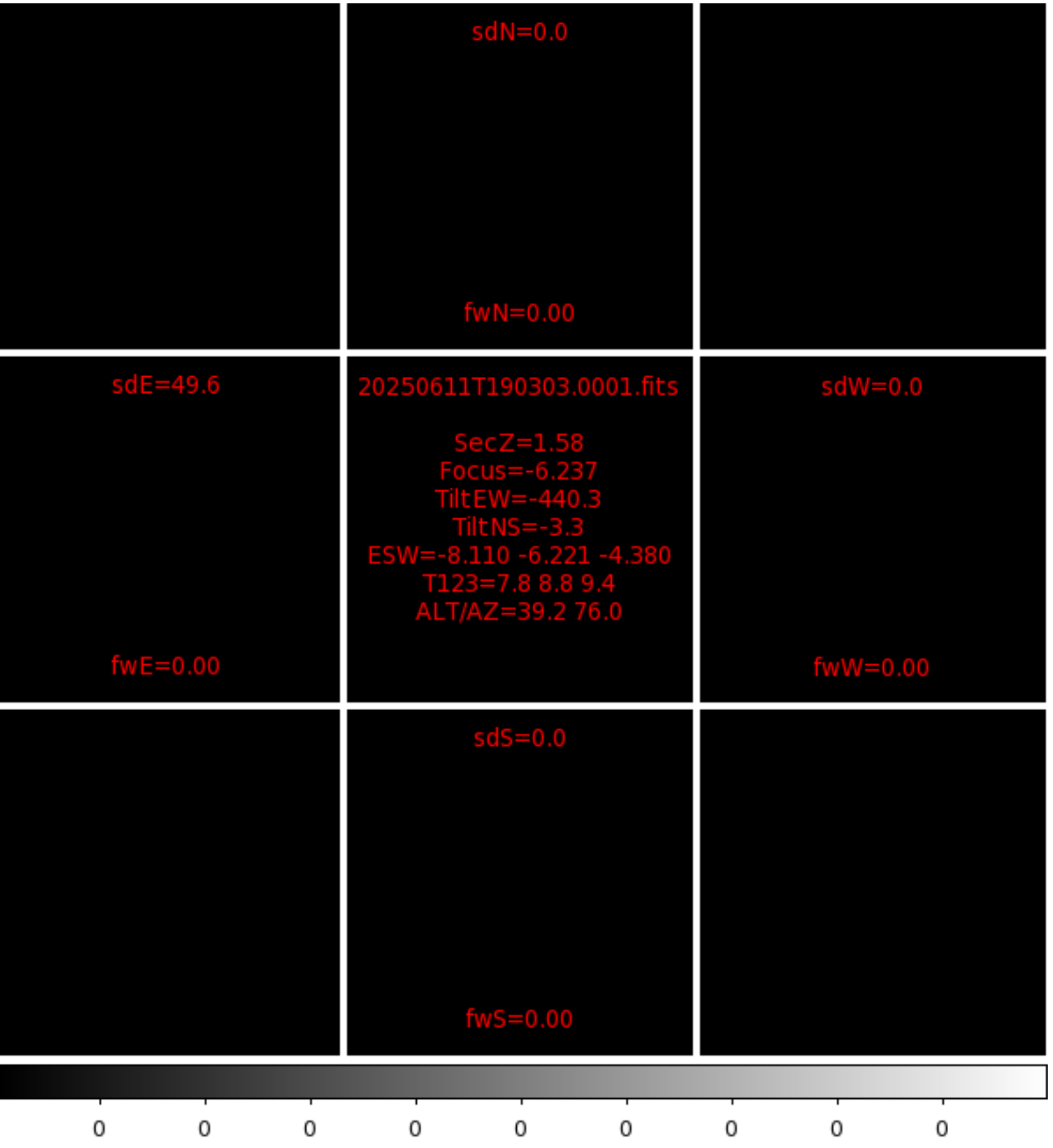
sdN=0.0
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sdE=49.6
20250611T190303.0001.fits
SecZ=1.58
Focus=-6.237
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.110 -6.221 -4.380
T123=7.8 8.8 9.4
ALT/AZ=39.2 76.0
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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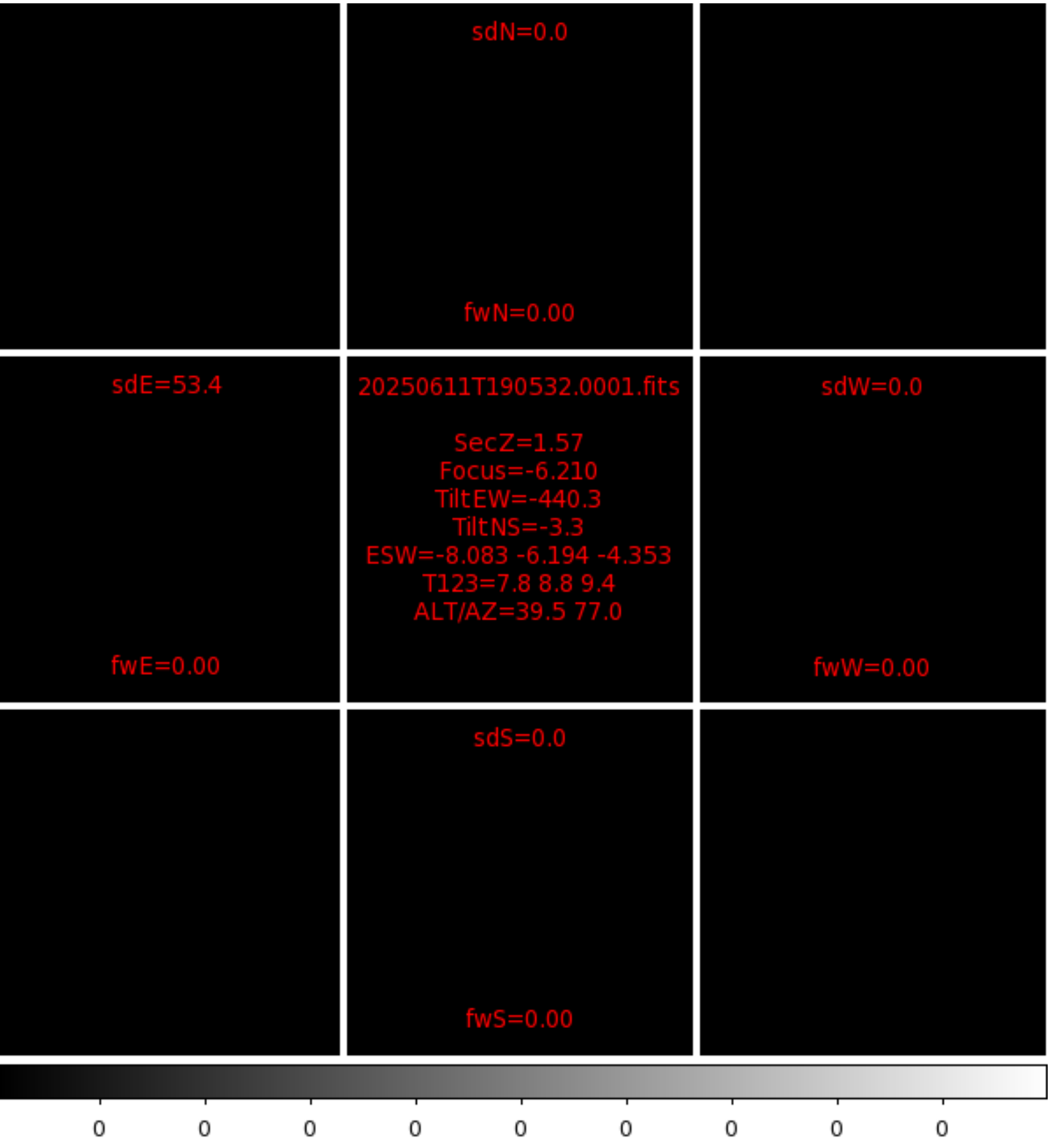
sdN=0.0
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sdE=53.4
20250611T190532.0001.fits
SecZ=1.57
Focus=-6.210
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.083 -6.194 -4.353
T123=7.8 8.8 9.4
ALT/AZ=39.5 77.0
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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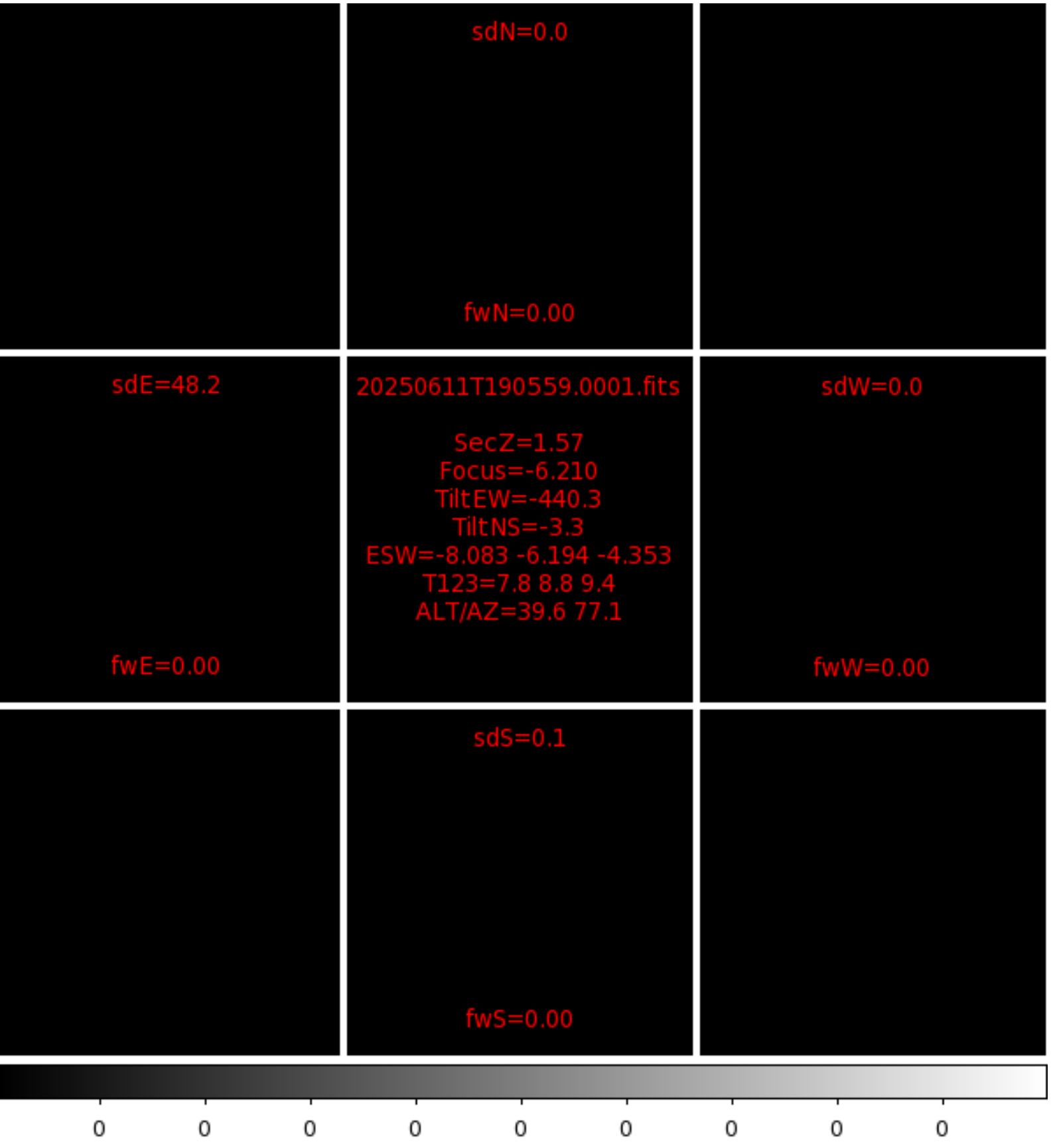
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fwN=0.00
sdE=48.2
20250611T190559.0001.fits
SecZ=1.57
Focus=-6.210
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.083 -6.194 -4.353
T123=7.8 8.8 9.4
ALT/AZ=39.6 77.1
sdW=0.0
fwE=0.00
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sdS=0.1
fwS=0.00
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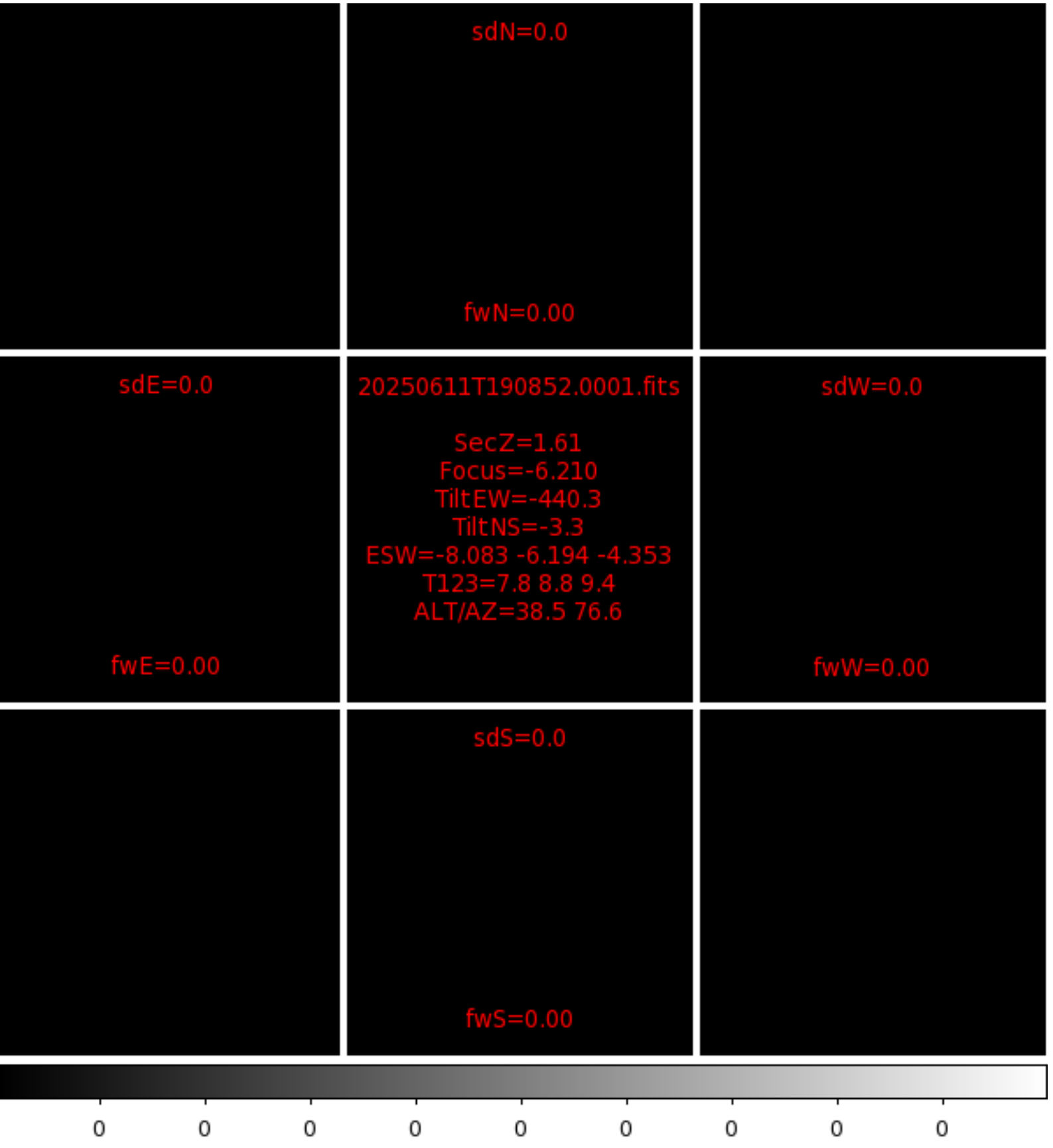
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fwN=0.00
sdE=0.0
20250611T190852.0001.fits
SecZ=1.61
Focus=-6.210
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.083 -6.194 -4.353
T123=7.8 8.8 9.4
ALT/AZ=38.5 76.6
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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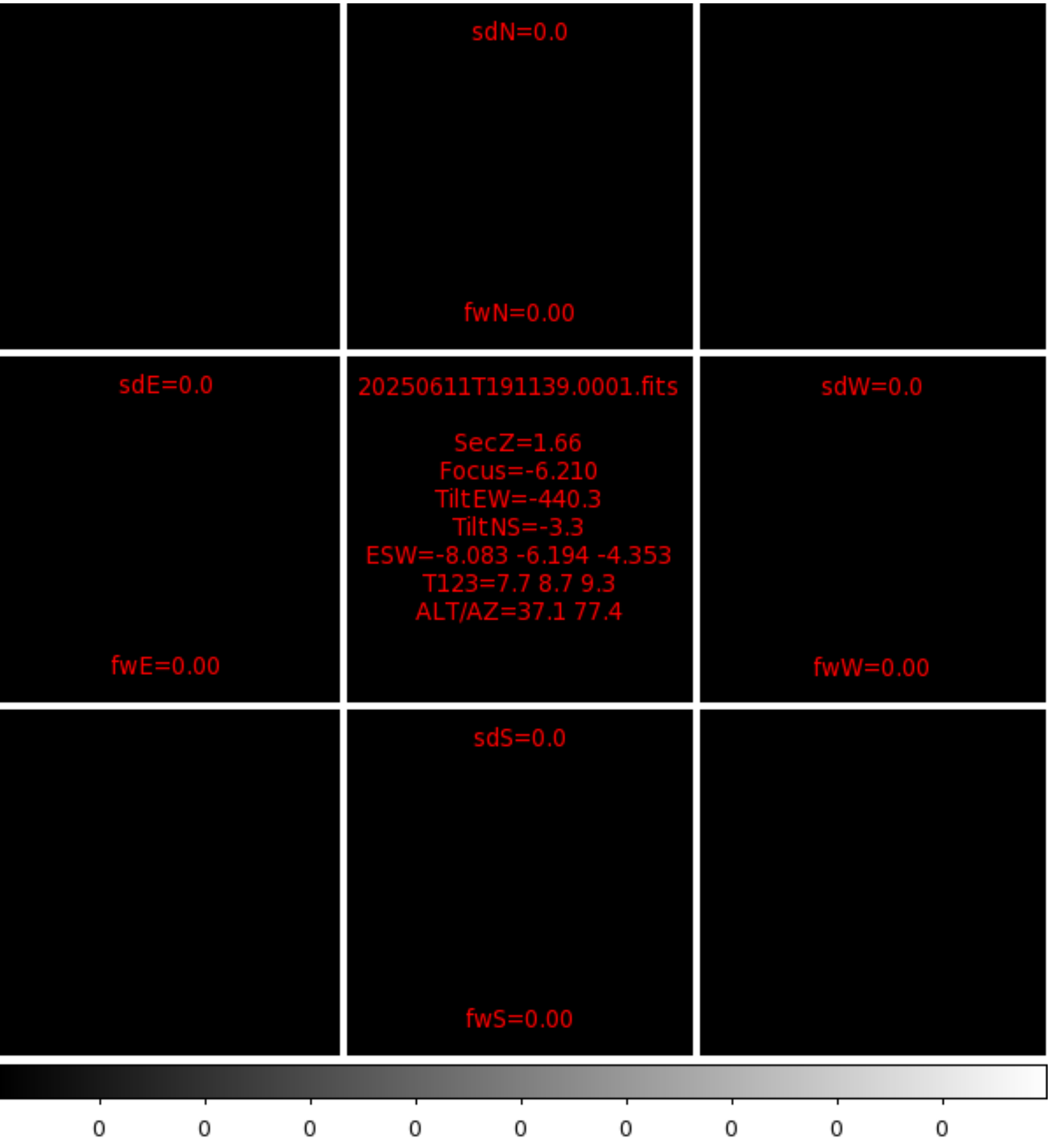
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fwN=0.00
sdE=0.0
20250611T191139.0001.fits
SecZ=1.66
Focus=-6.210
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.083 -6.194 -4.353
T123=7.7 8.7 9.3
ALT/AZ=37.1 77.4
sdW=0.0
fwE=0.00
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sdS=0.0
fwS=0.00
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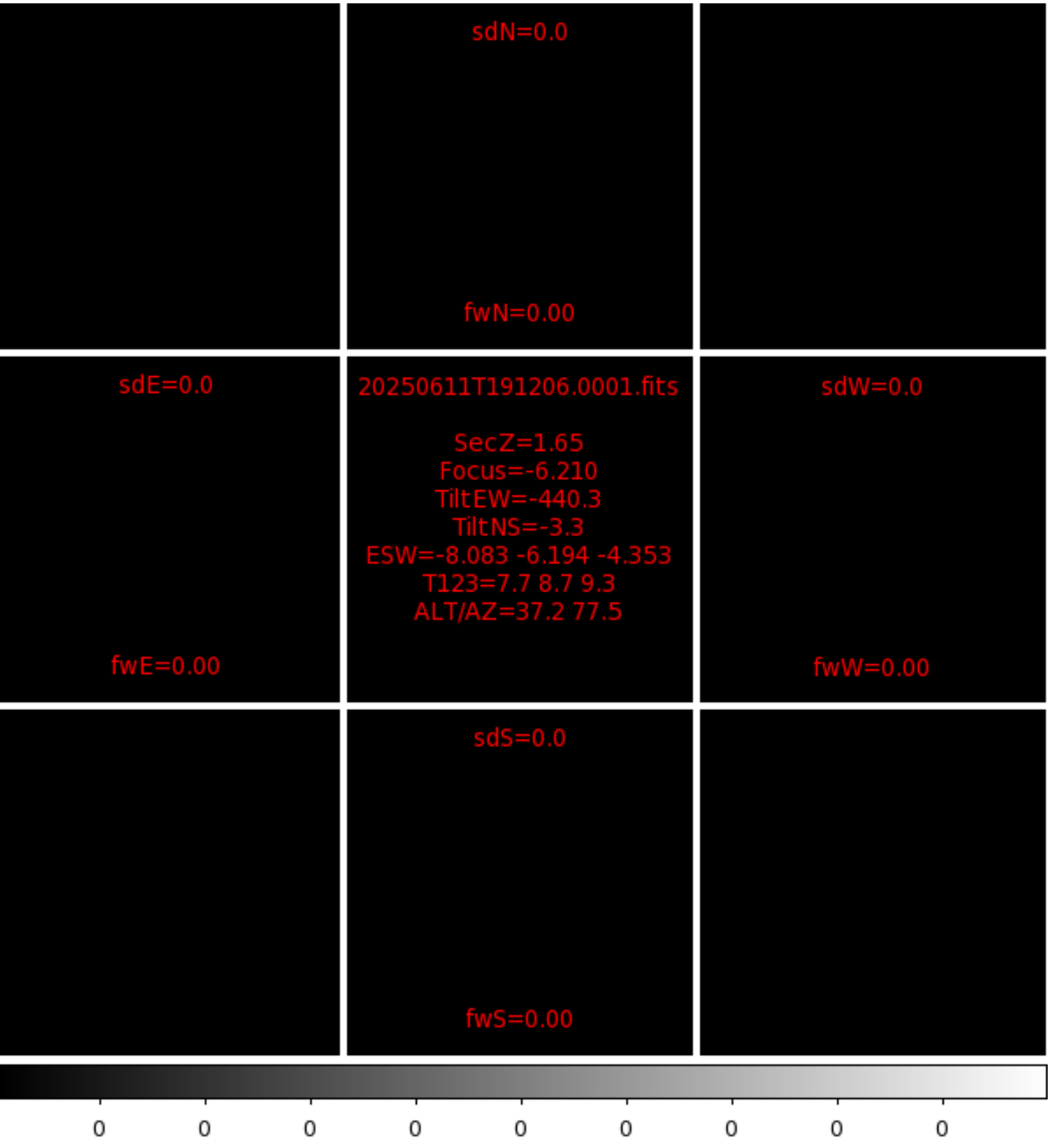
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sdE=0.0
20250611T191206.0001.fits
SecZ=1.65
Focus=-6.210
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.083 -6.194 -4.353
T123=7.7 8.7 9.3
ALT/AZ=37.2 77.5
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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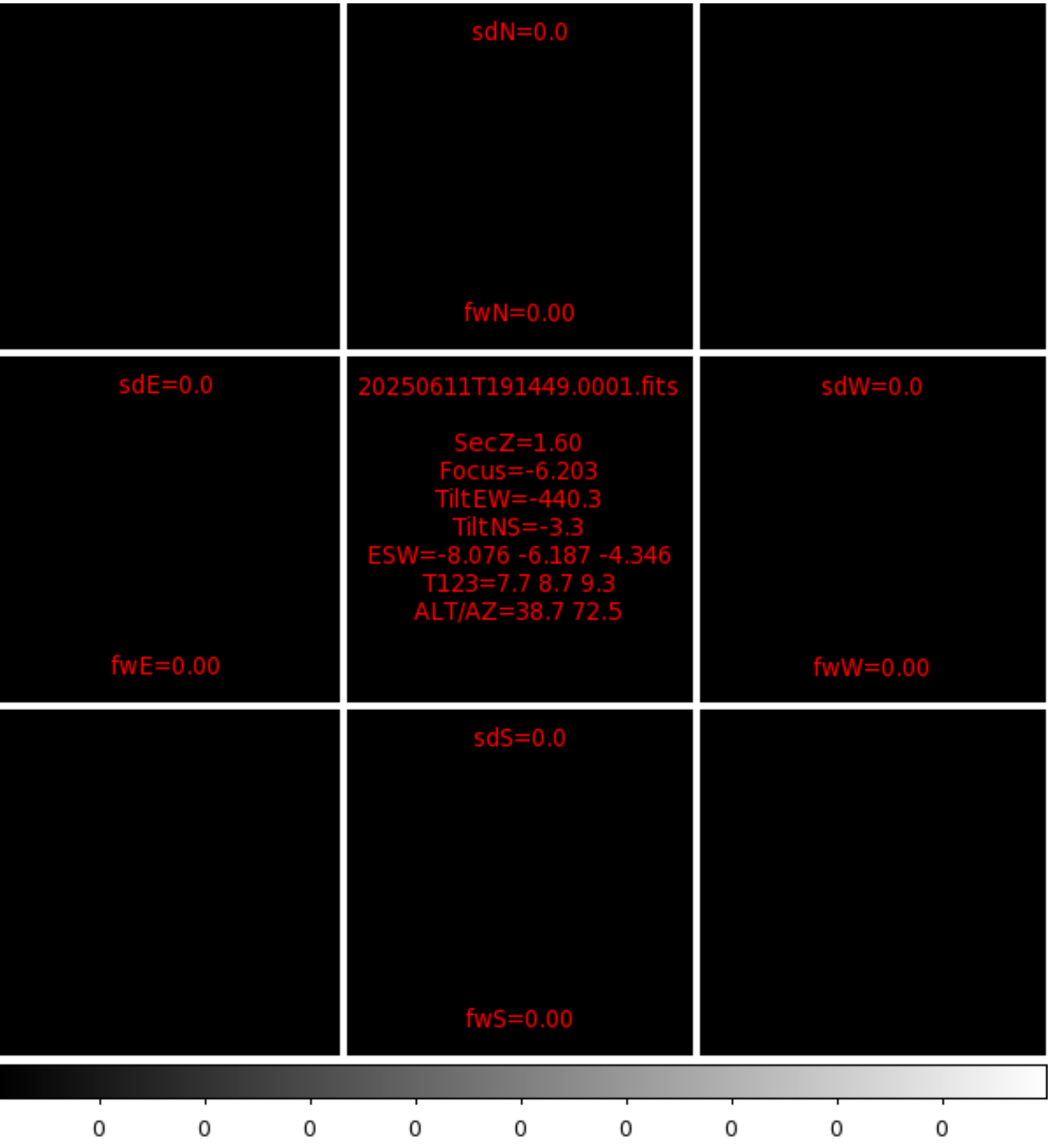
sdN=0.0
fwN=0.00
sdE=0.0
20250611T191449.0001.fits
SecZ=1.60
Focus=-6.203
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.076 -6.187 -4.346
T123=7.7 8.7 9.3
ALT/AZ=38.7 72.5
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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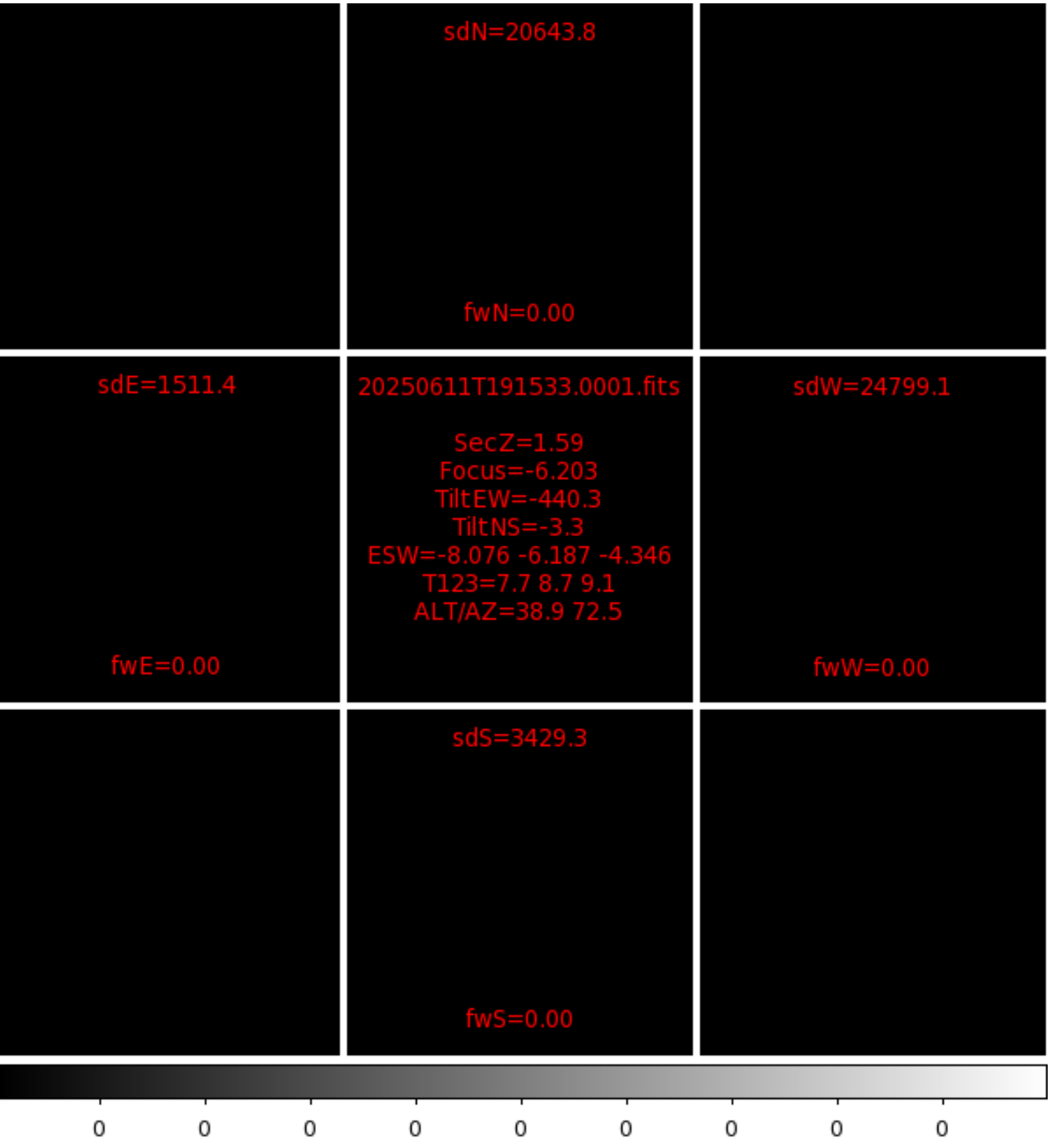
sdN=20643.8
fwN=0.00
sdE=1511.4
fwE=0.00
20250611T191533.0001.fits
SecZ=1.59
Focus=-6.203
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.076 -6.187 -4.346
T123=7.7 8.7 9.1
ALT/AZ=38.9 72.5
sdW=24799.1
fwW=0.00
sdS=3429.3
fwS=0.00
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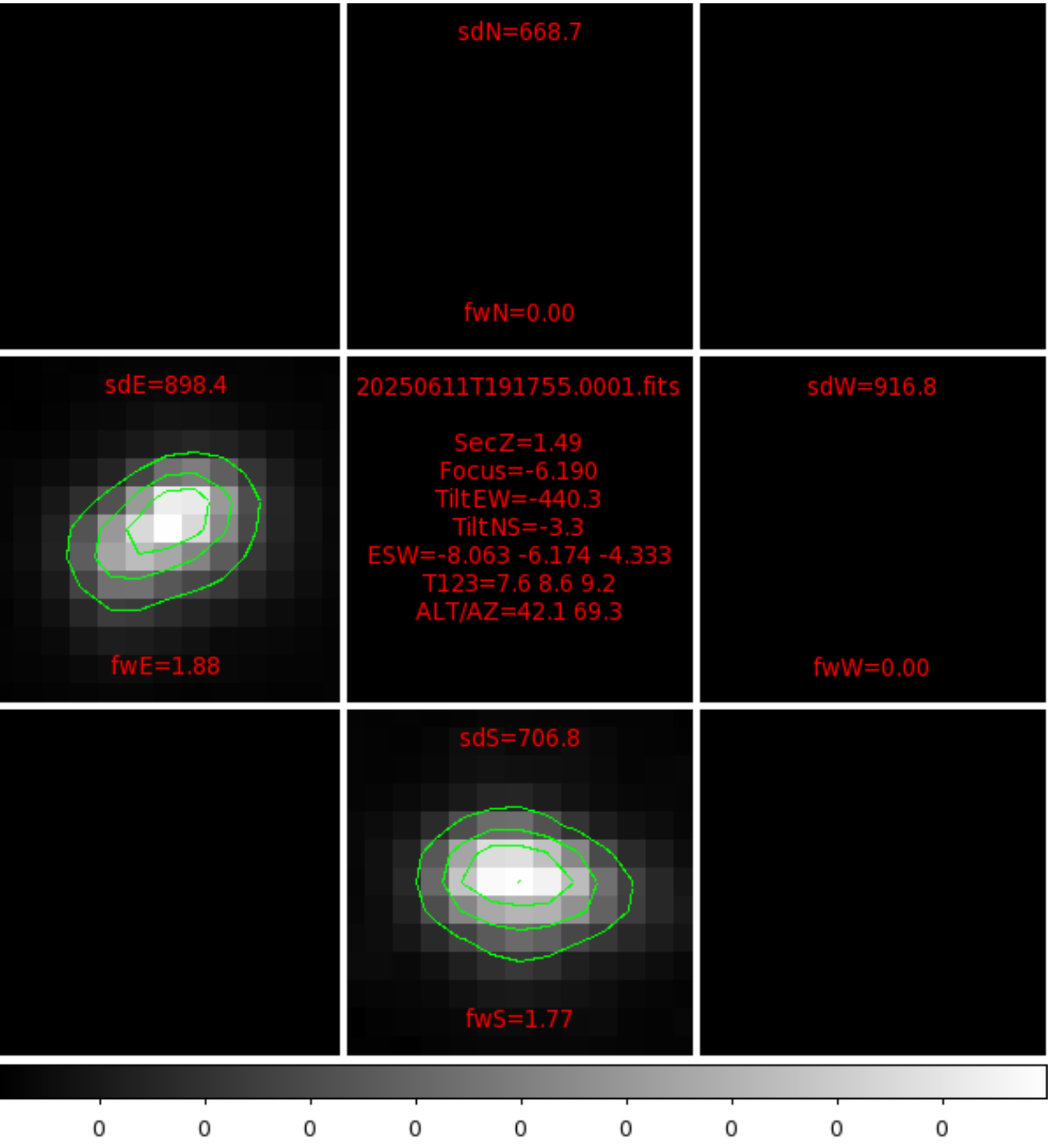
sdN=668.7
fwN=0.00
sdE=898.4
fwE=1.88
20250611T191755.0001.fits
SecZ=1.49
Focus=-6.190
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.063 -6.174 -4.333
T123=7.6 8.6 9.2
ALT/AZ=42.1 69.3
sdW=916.8
fwW=0.00
sdS=706.8
fwS=1.77
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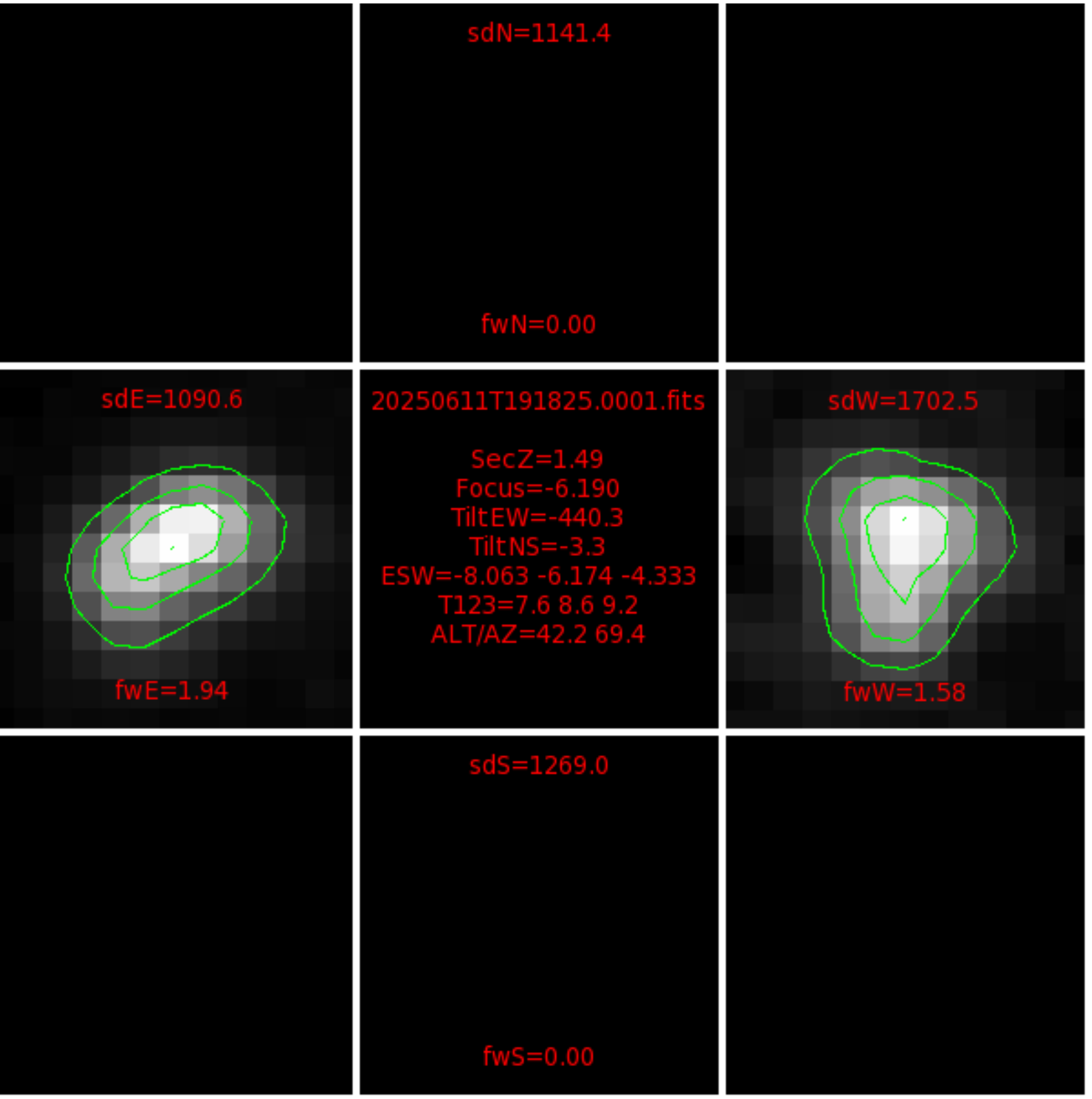
sdN=1141.4
fwN=0.00
sdE=1090.6
fwE=1.94
20250611T191825.0001.fits
SecZ=1.49
Focus=-6.190
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.063 -6.174 -4.333
T123=7.6 8.6 9.2
ALT/AZ=42.2 69.4
sdW=1702.5
fwW=1.58
sdS=1269.0
fwS=0.00
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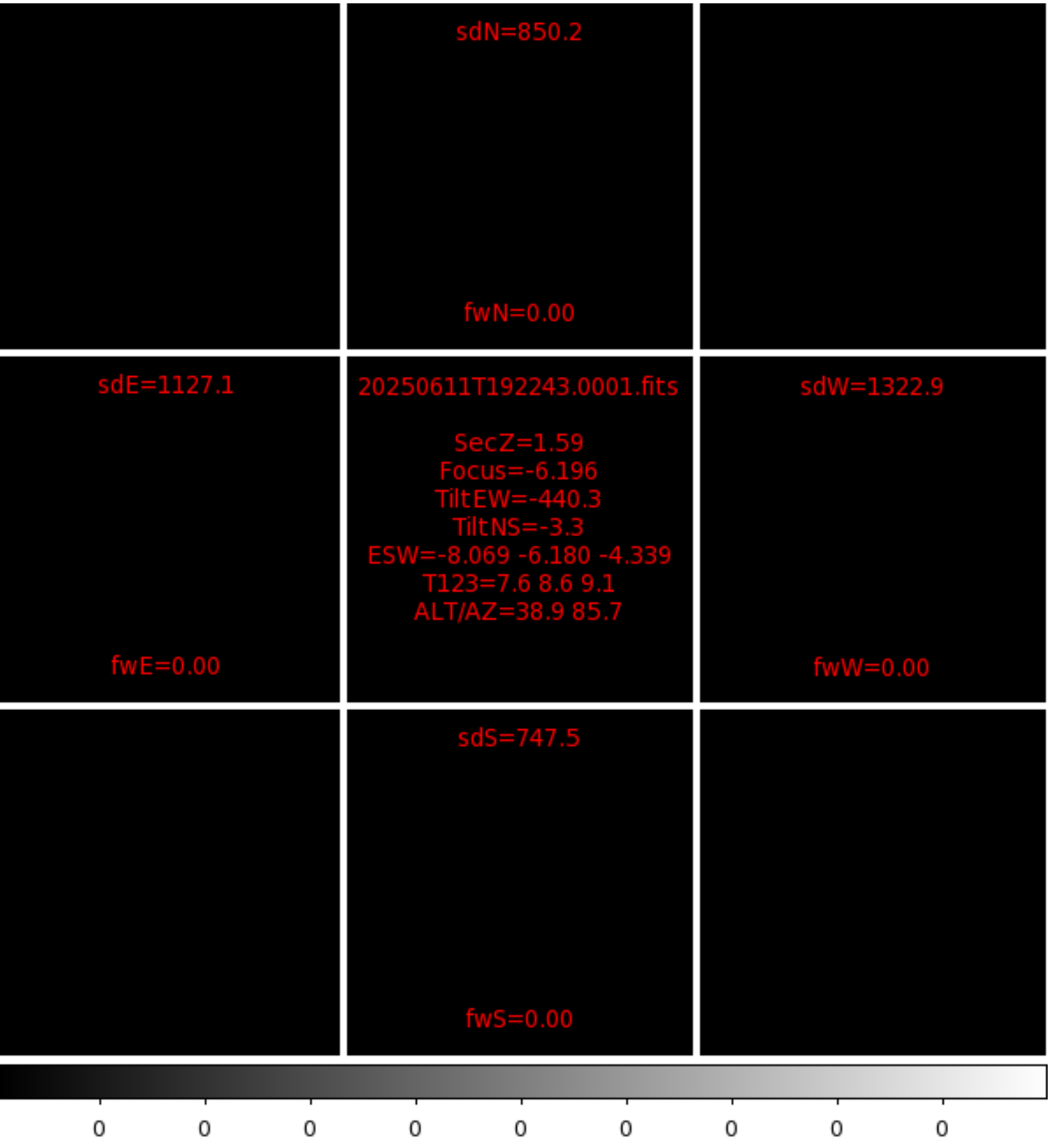
sdN=850.2
fwN=0.00
sdE=1127.1
fwE=0.00
20250611T192243.0001.fits
SecZ=1.59
Focus=-6.196
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.069 -6.180 -4.339
T123=7.6 8.6 9.1
ALT/AZ=38.9 85.7
sdW=1322.9
fwW=0.00
sdS=747.5
fwS=0.00
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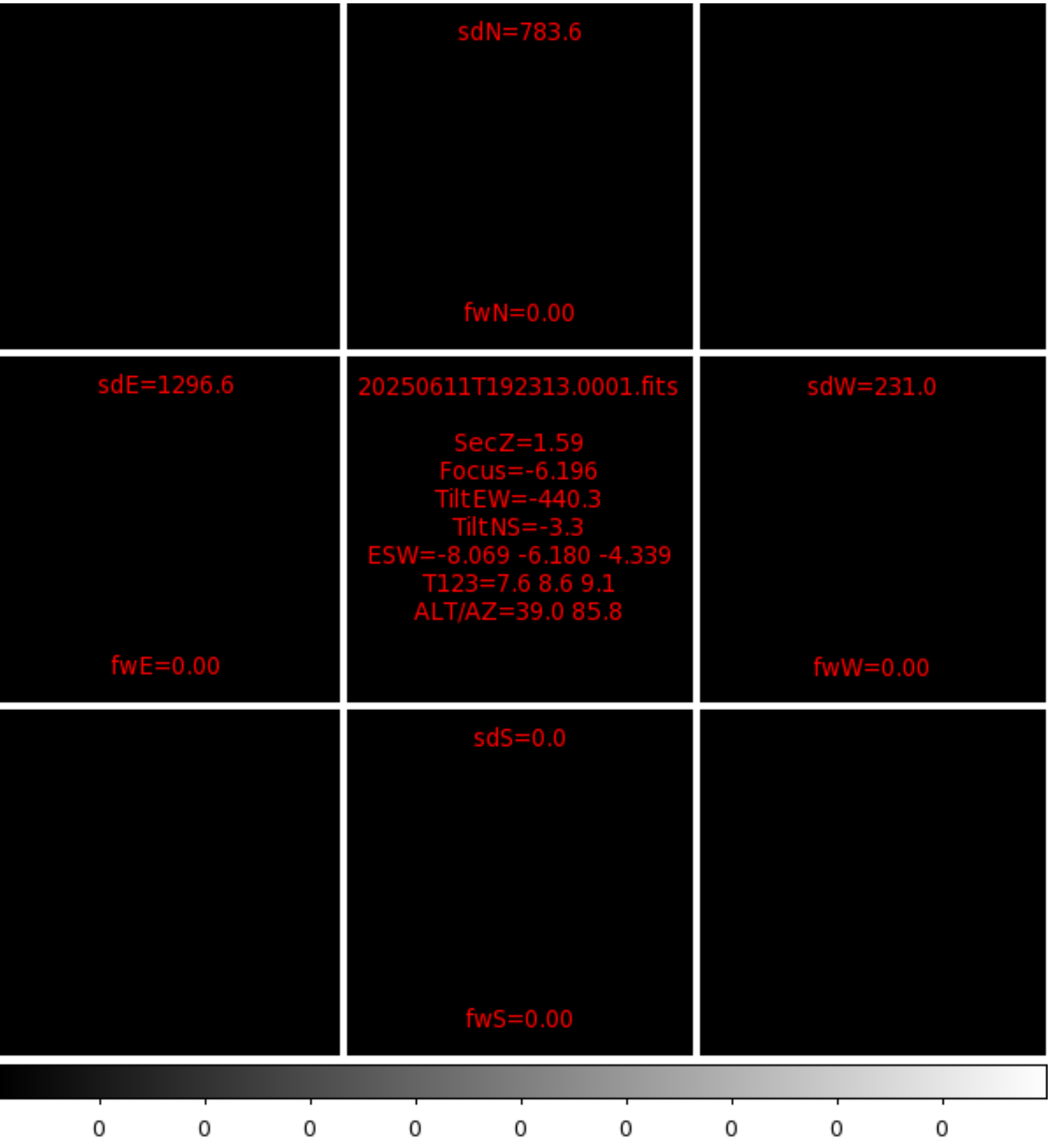
sdN=783.6
fwN=0.00
sdE=1296.6
fwE=0.00
20250611T192313.0001.fits
SecZ=1.59
Focus=-6.196
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.069 -6.180 -4.339
T123=7.6 8.6 9.1
ALT/AZ=39.0 85.8
sdW=231.0
fwW=0.00
sdS=0.0
fwS=0.00
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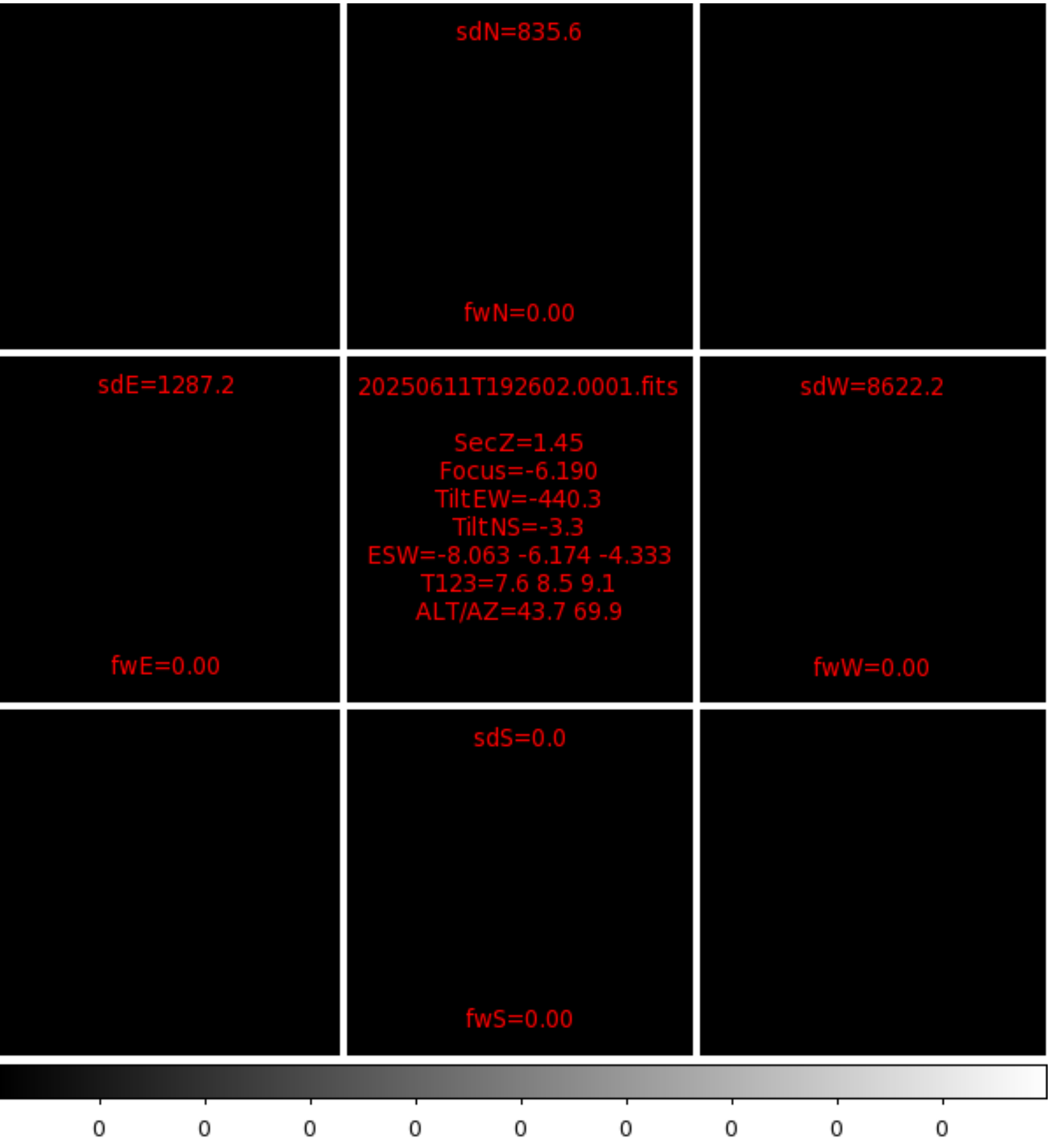
sdN=835.6
fwN=0.00
sdE=1287.2
fwE=0.00
20250611T192602.0001.fits
SecZ=1.45
Focus=-6.190
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.063 -6.174 -4.333
T123=7.6 8.5 9.1
ALT/AZ=43.7 69.9
sdW=8622.2
fwW=0.00
sdS=0.0
fwS=0.00
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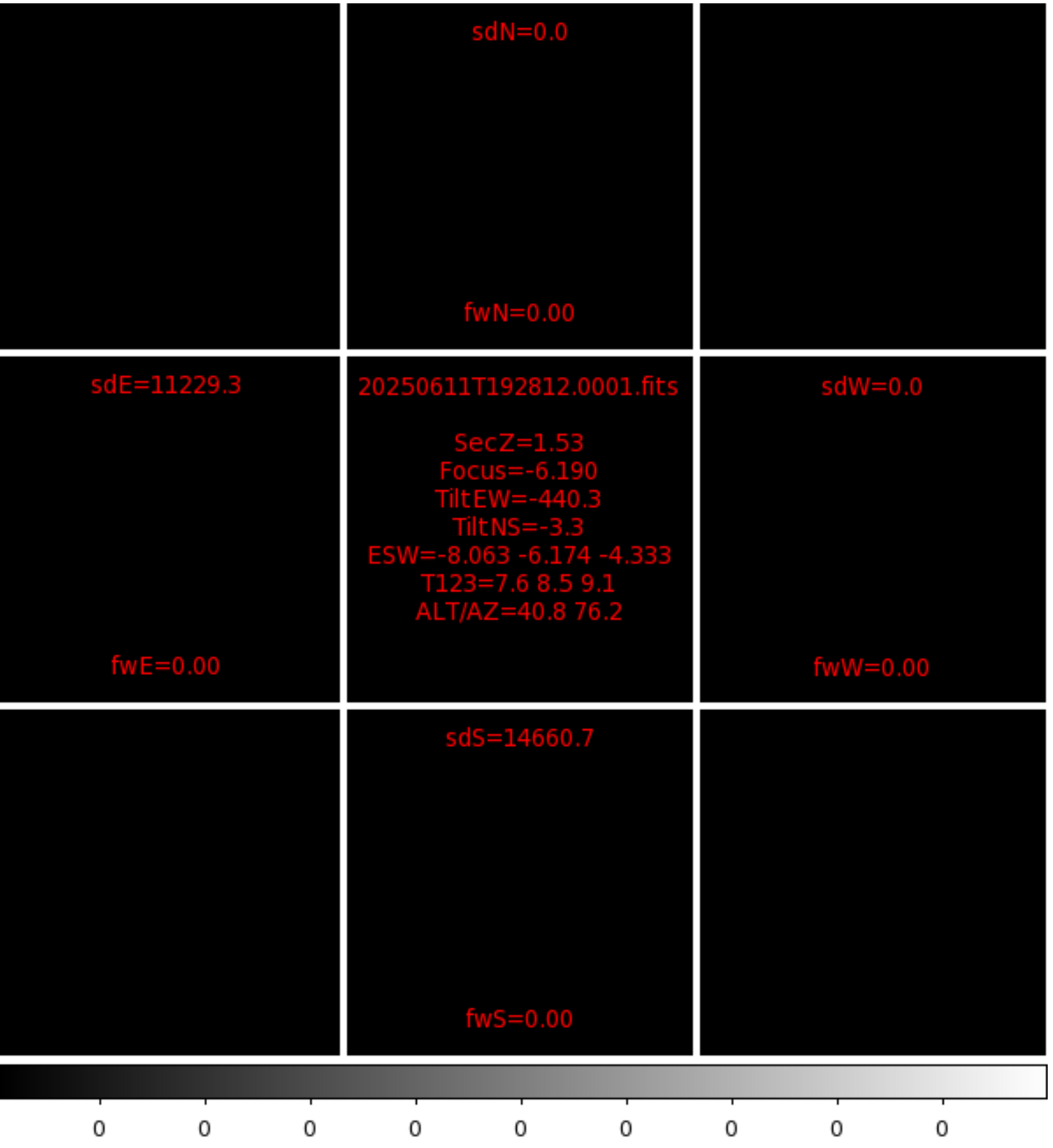
sdN=0.0
fwN=0.00
sdE=11229.3
fwE=0.00
20250611T192812.0001.fits
SecZ=1.53
Focus=-6.190
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.063 -6.174 -4.333
T123=7.6 8.5 9.1
ALT/AZ=40.8 76.2
sdW=0.0
fwW=0.00
sdS=14660.7
fwS=0.00
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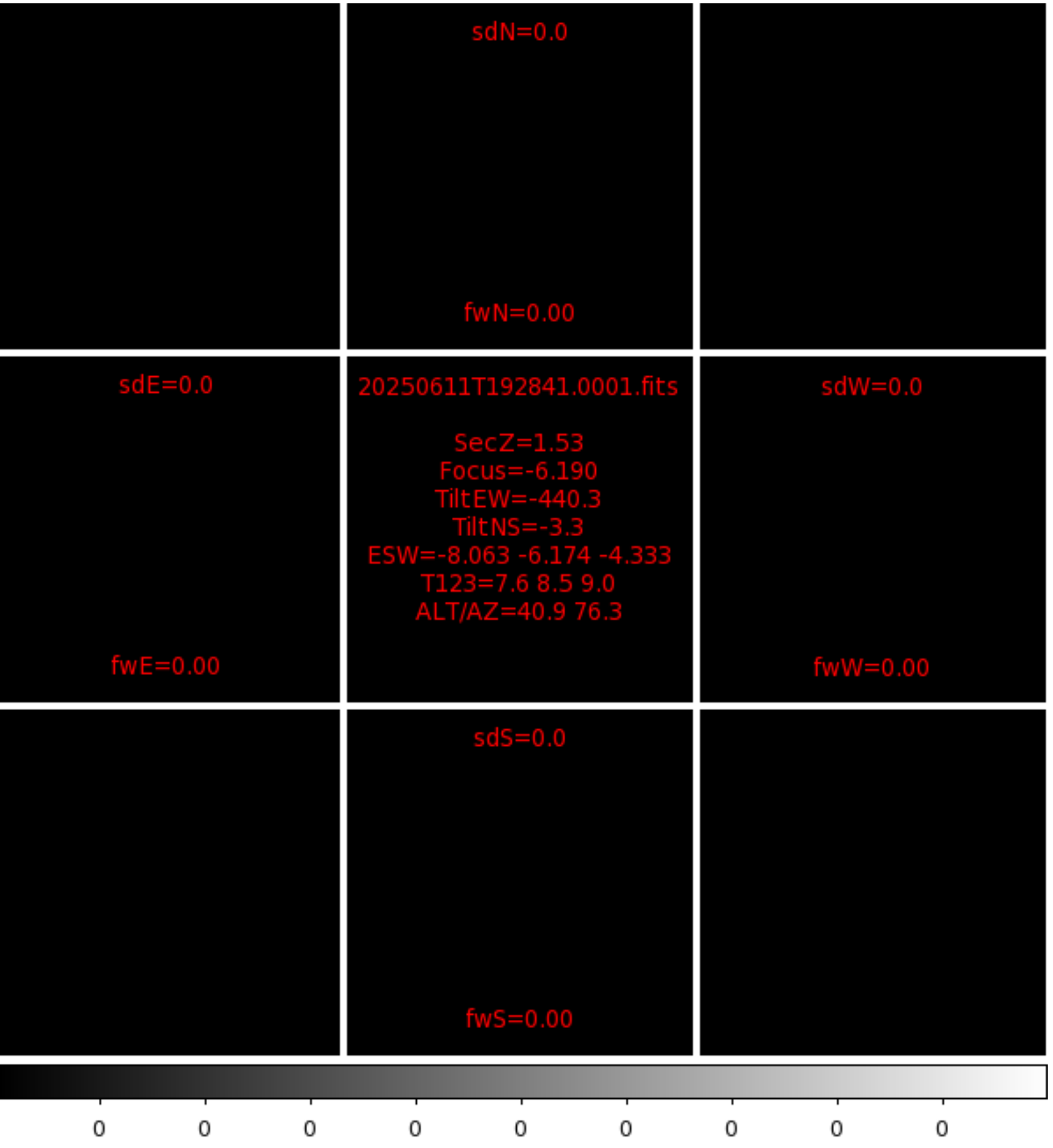
sdN=0.0
fwN=0.00
sdE=0.0
20250611T192841.0001.fits
SecZ=1.53
Focus=-6.190
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.063 -6.174 -4.333
T123=7.6 8.5 9.0
ALT/AZ=40.9 76.3
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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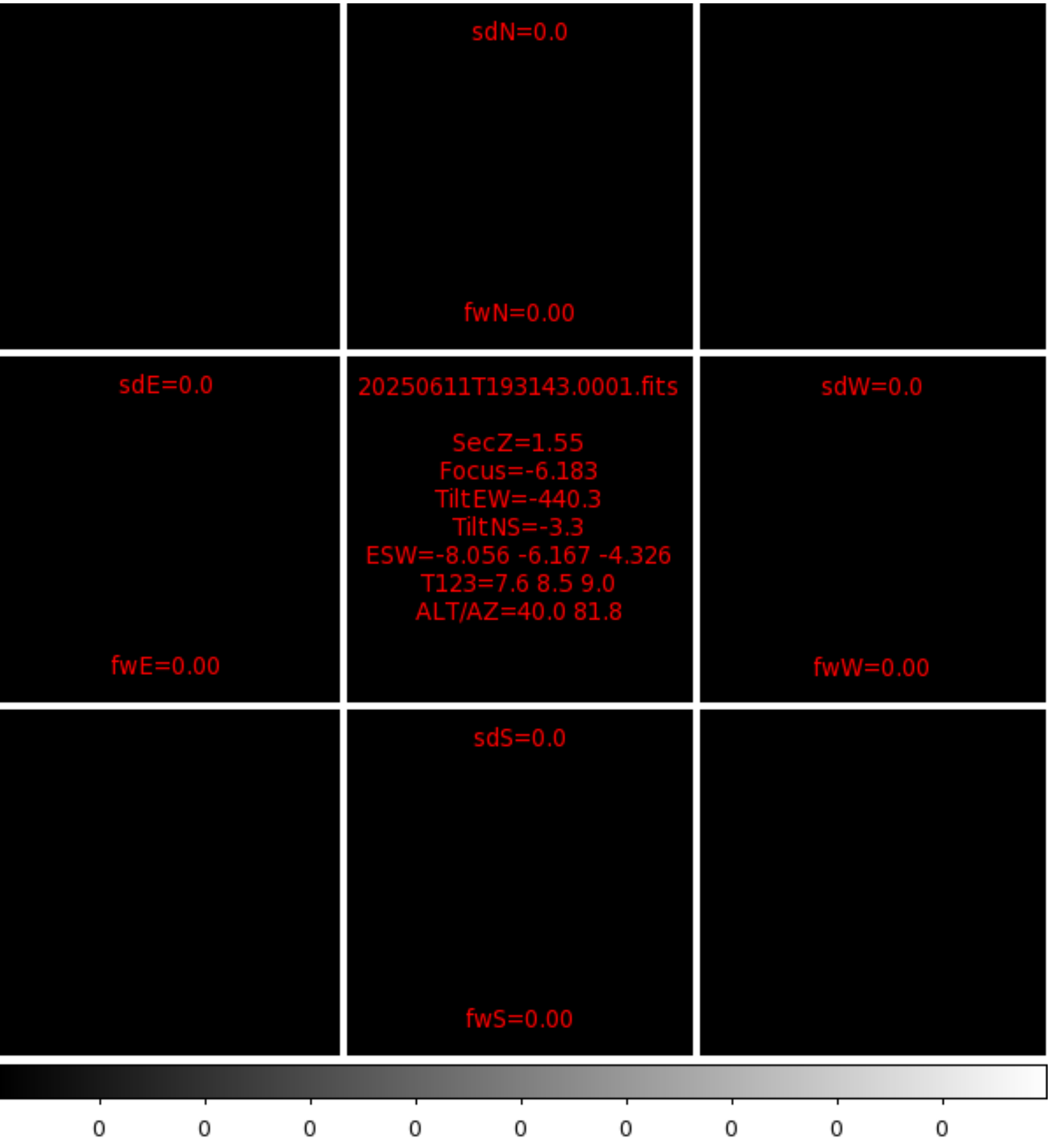
sdN=0.0
fwN=0.00
sdE=0.0
20250611T193143.0001.fits
SecZ=1.55
Focus=-6.183
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.056 -6.167 -4.326
T123=7.6 8.5 9.0
ALT/AZ=40.0 81.8
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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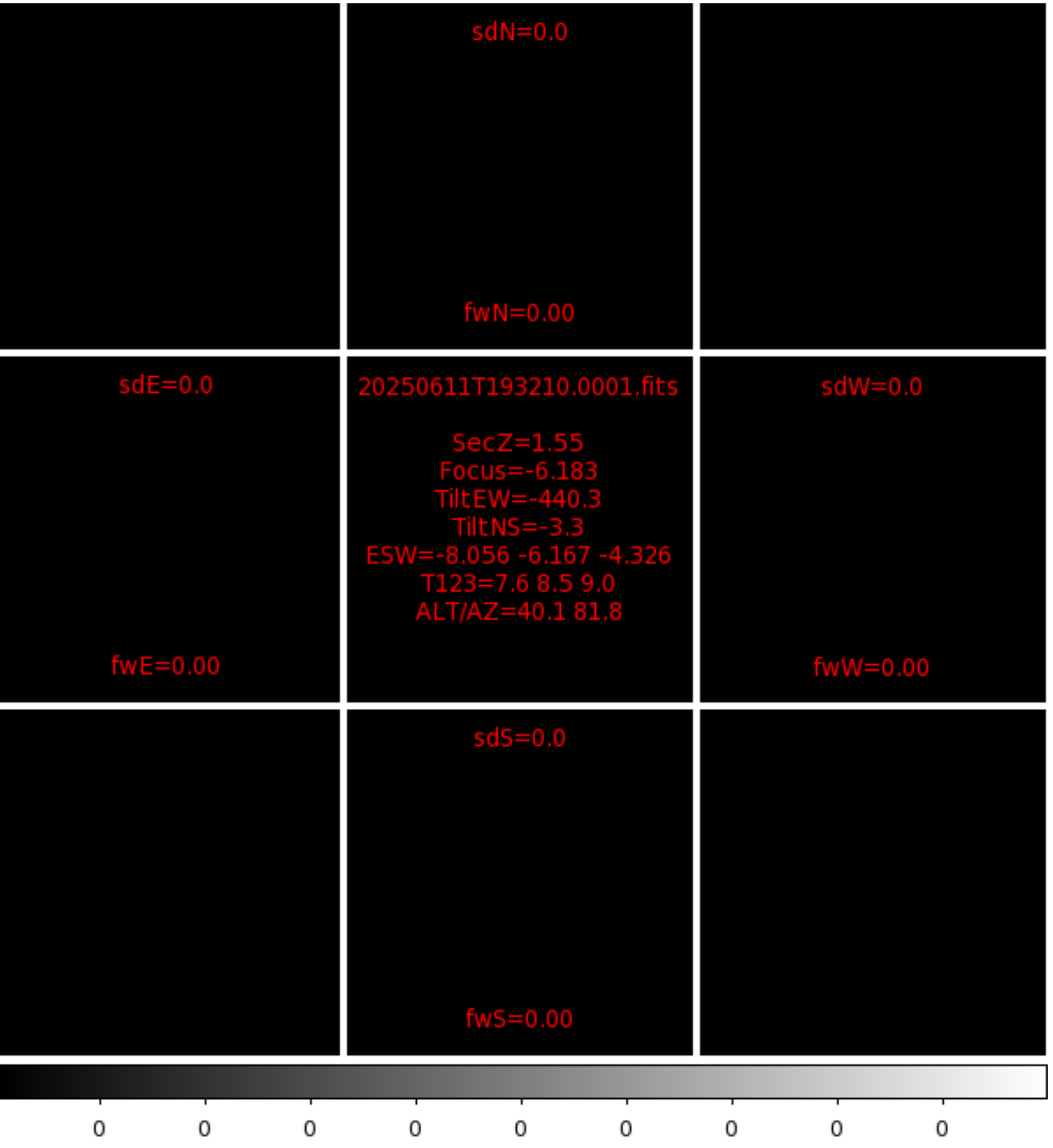
sdN=0.0
fwN=0.00
sdE=0.0
fwE=0.00
20250611T193210.0001.fits
SecZ=1.55
Focus=-6.183
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.056 -6.167 -4.326
T123=7.6 8.5 9.0
ALT/AZ=40.1 81.8
sdW=0.0
fwW=0.00
sdS=0.0
fwS=0.00
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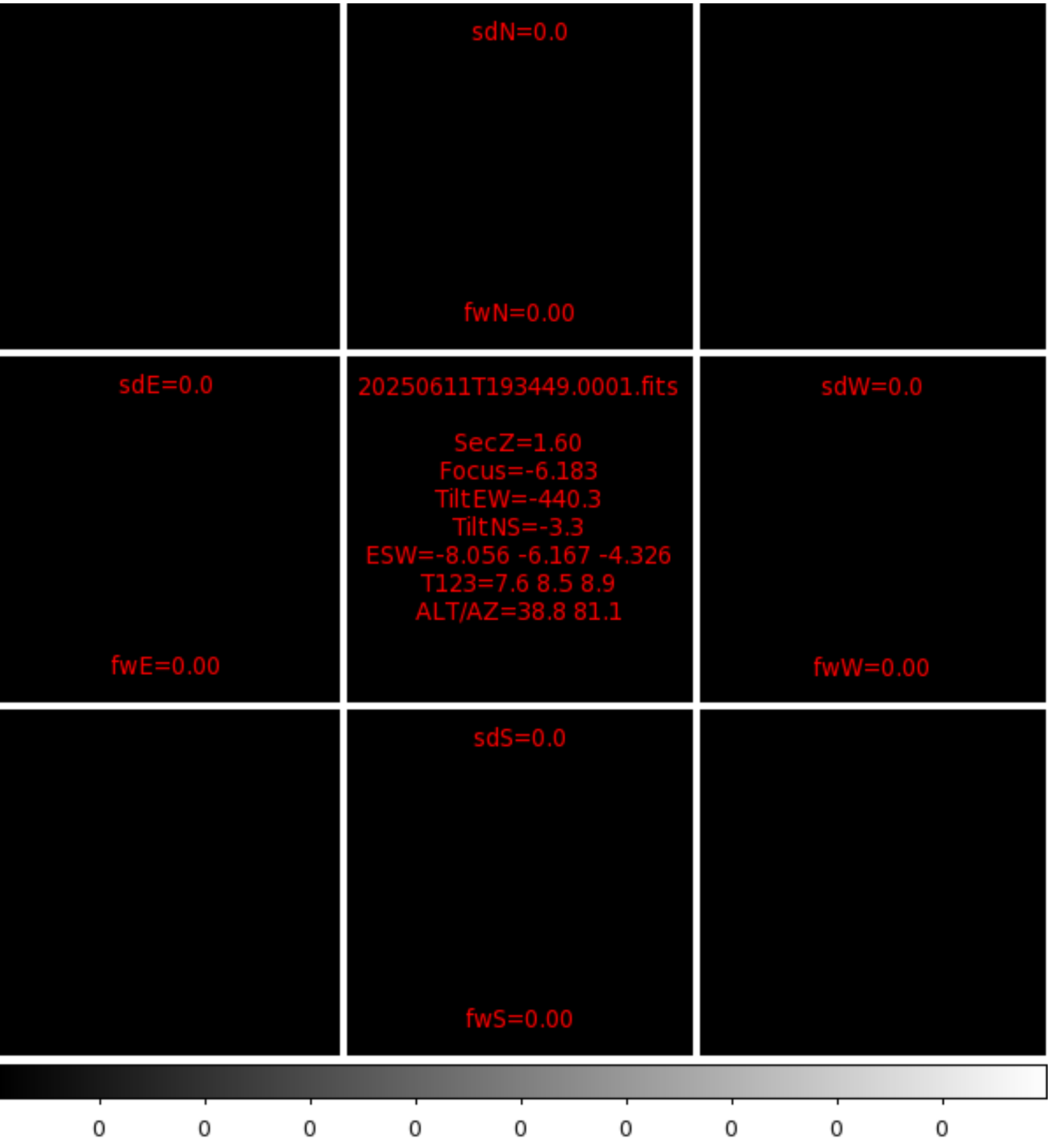
sdN=0.0
fwN=0.00
sdE=0.0
20250611T193449.0001.fits
SecZ=1.60
Focus=-6.183
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.056 -6.167 -4.326
T123=7.6 8.5 8.9
ALT/AZ=38.8 81.1
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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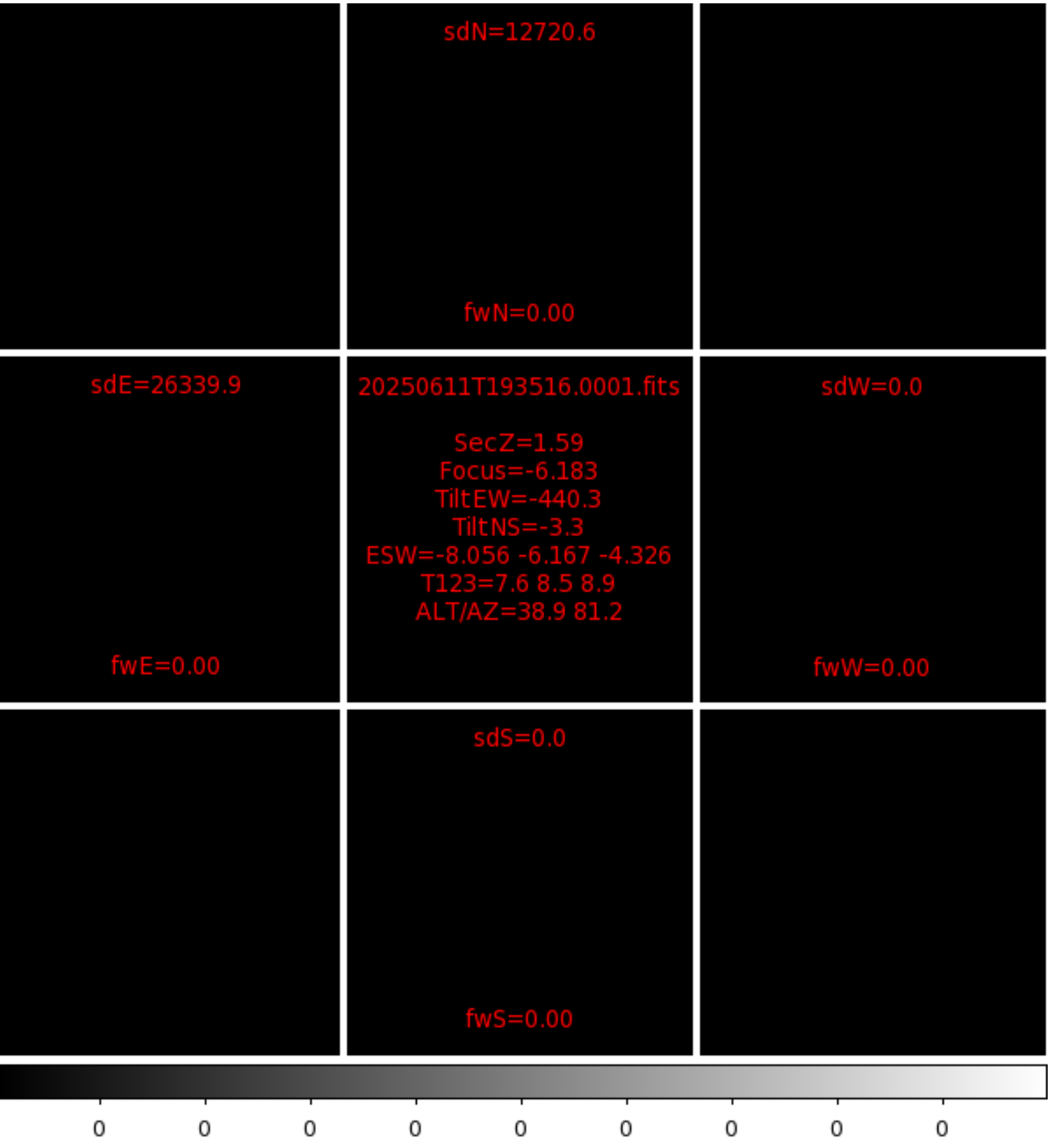
sdN=12720.6
fwN=0.00
sdE=26339.9
fwE=0.00
20250611T193516.0001.fits
SecZ=1.59
Focus=-6.183
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.056 -6.167 -4.326
T123=7.6 8.5 8.9
ALT/AZ=38.9 81.2
sdW=0.0
fwW=0.00
sdS=0.0
fwS=0.00
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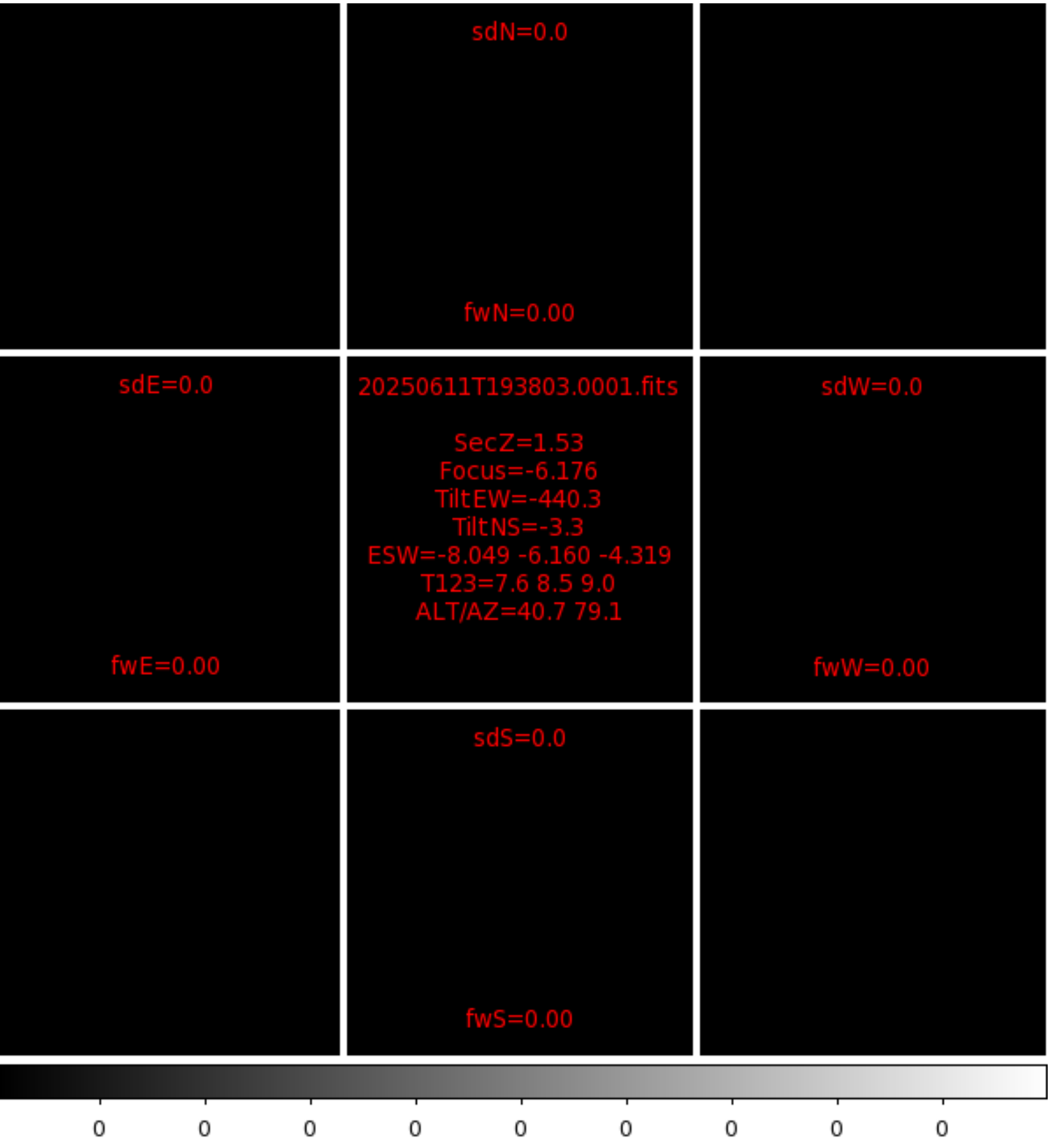
sdN=0.0
fwN=0.00
sdE=0.0
20250611T193803.0001.fits
SecZ=1.53
Focus=-6.176
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.049 -6.160 -4.319
T123=7.6 8.5 9.0
ALT/AZ=40.7 79.1
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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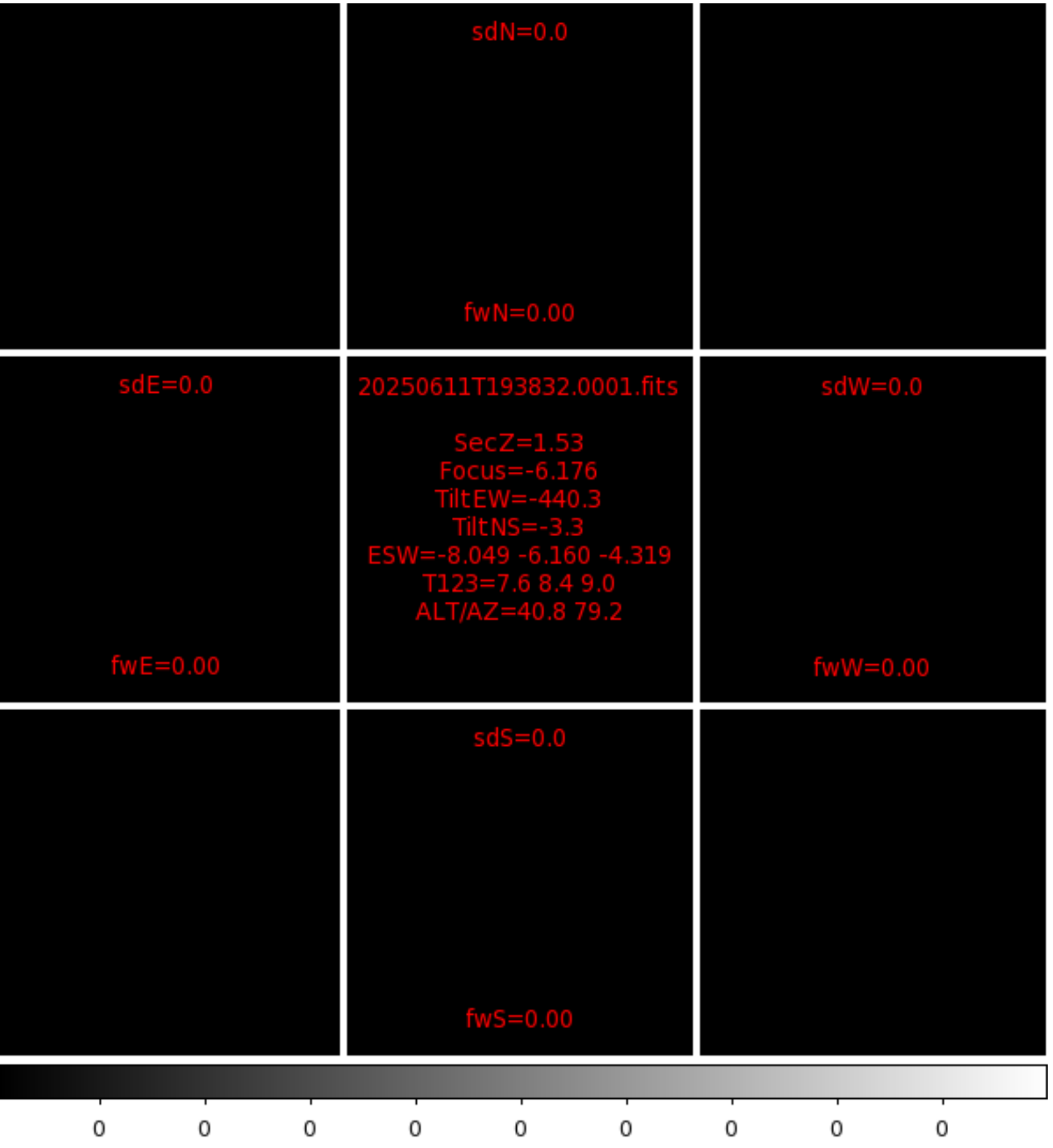
sdN=0.0
fwN=0.00
sdE=0.0
20250611T193832.0001.fits
SecZ=1.53
Focus=-6.176
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.049 -6.160 -4.319
T123=7.6 8.4 9.0
ALT/AZ=40.8 79.2
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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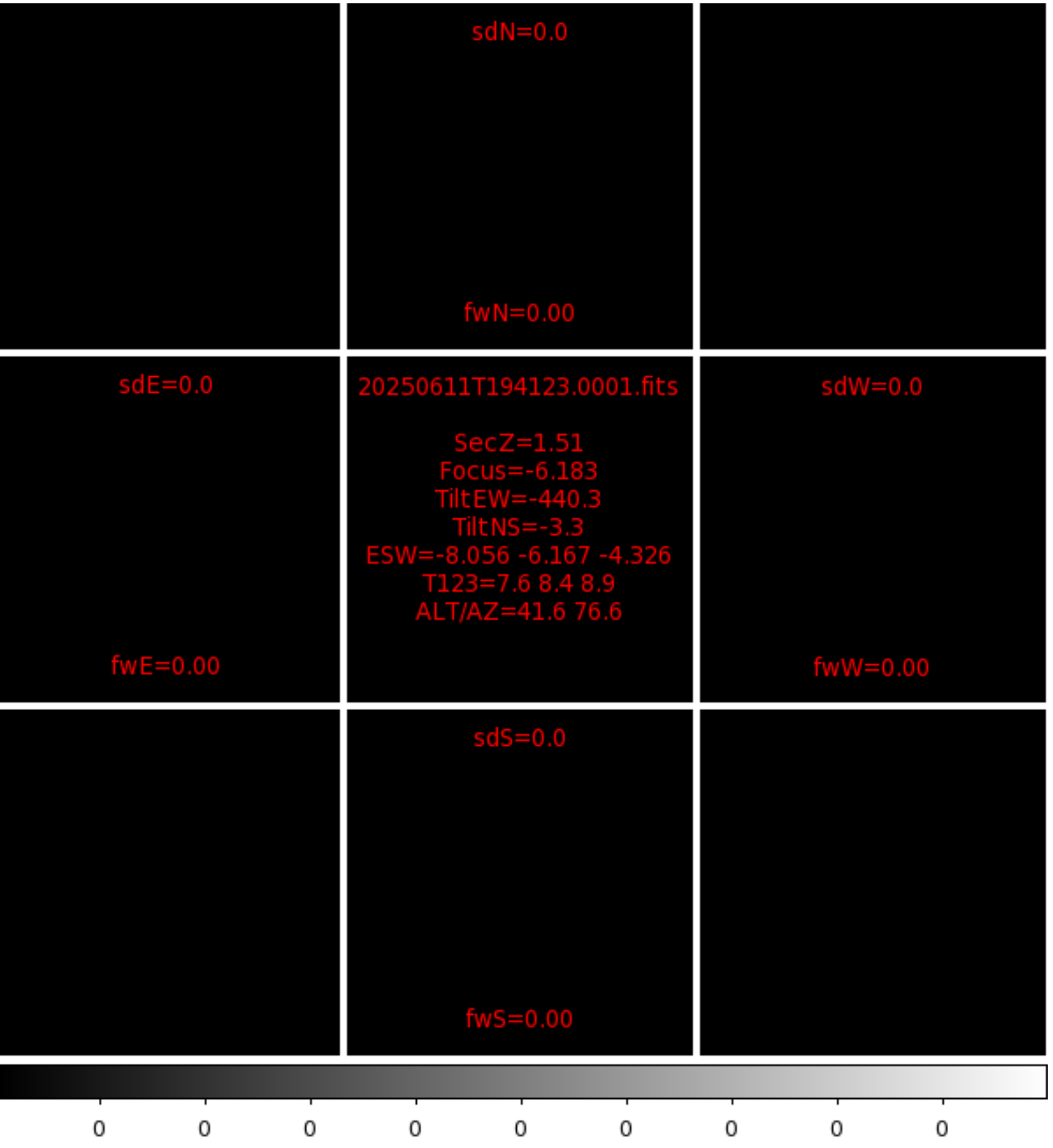
sdN=0.0
fwN=0.00
sdE=0.0
20250611T194123.0001.fits
SecZ=1.51
Focus=-6.183
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.056 -6.167 -4.326
T123=7.6 8.4 8.9
ALT/AZ=41.6 76.6
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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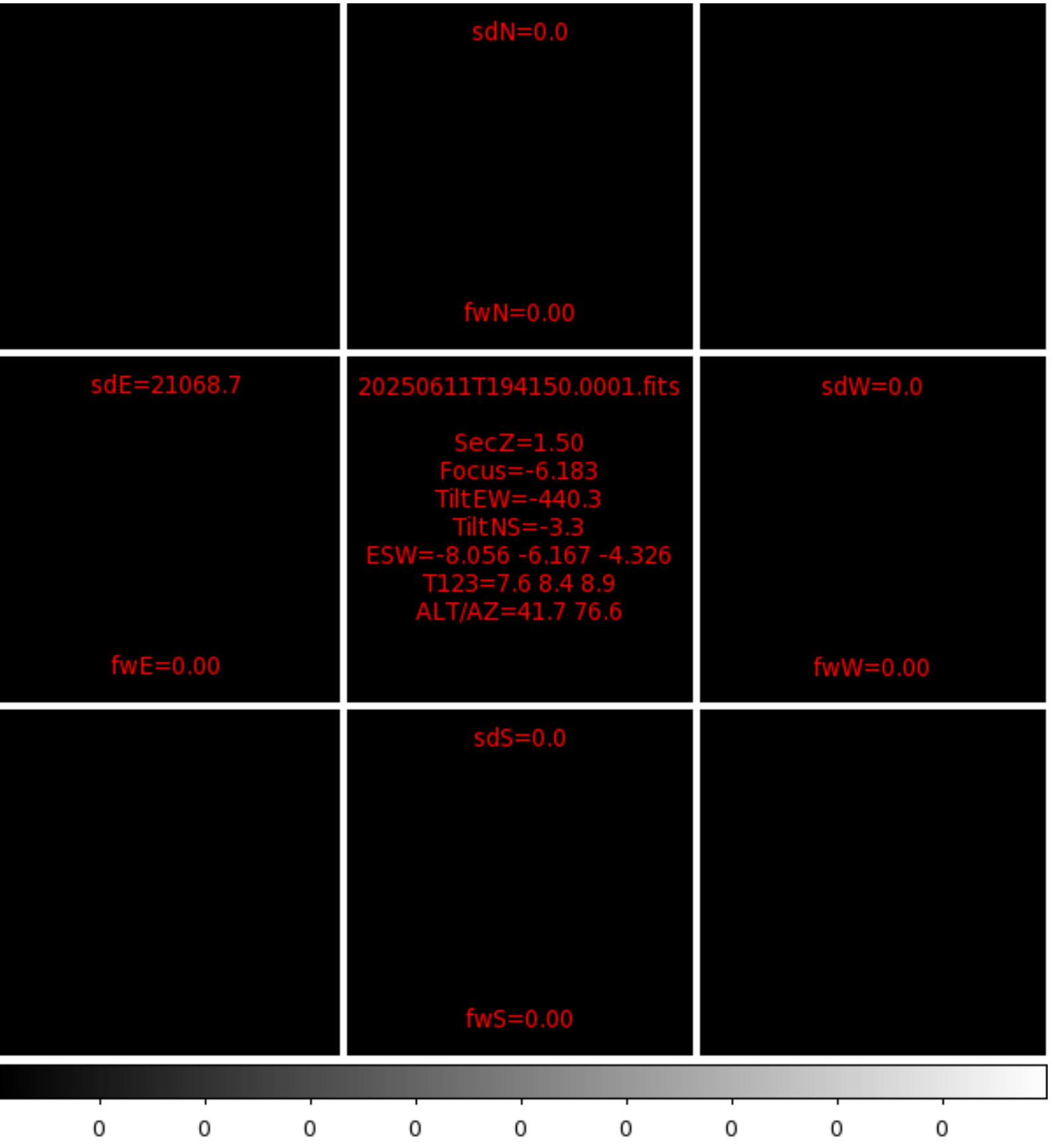
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sdE=21068.7
fwE=0.00
20250611T194150.0001.fits
SecZ=1.50
Focus=-6.183
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.056 -6.167 -4.326
T123=7.6 8.4 8.9
ALT/AZ=41.7 76.6
sdW=0.0
fwW=0.00
sdS=0.0
fwS=0.00
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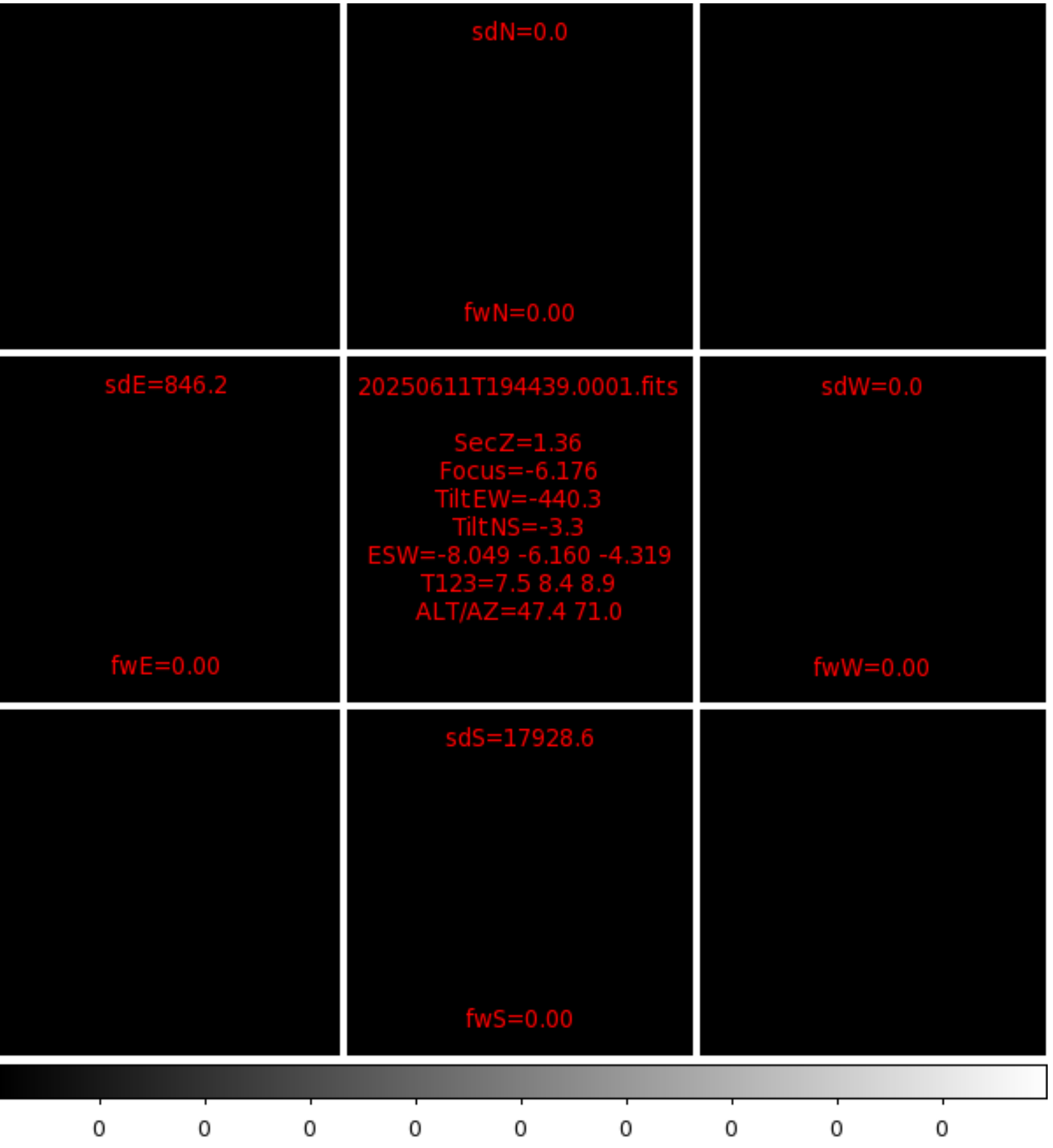
sdN=0.0
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sdE=846.2
20250611T194439.0001.fits
SecZ=1.36
Focus=-6.176
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.049 -6.160 -4.319
T123=7.5 8.4 8.9
ALT/AZ=47.4 71.0
sdW=0.0
fwE=0.00
fwW=0.00
sdS=17928.6
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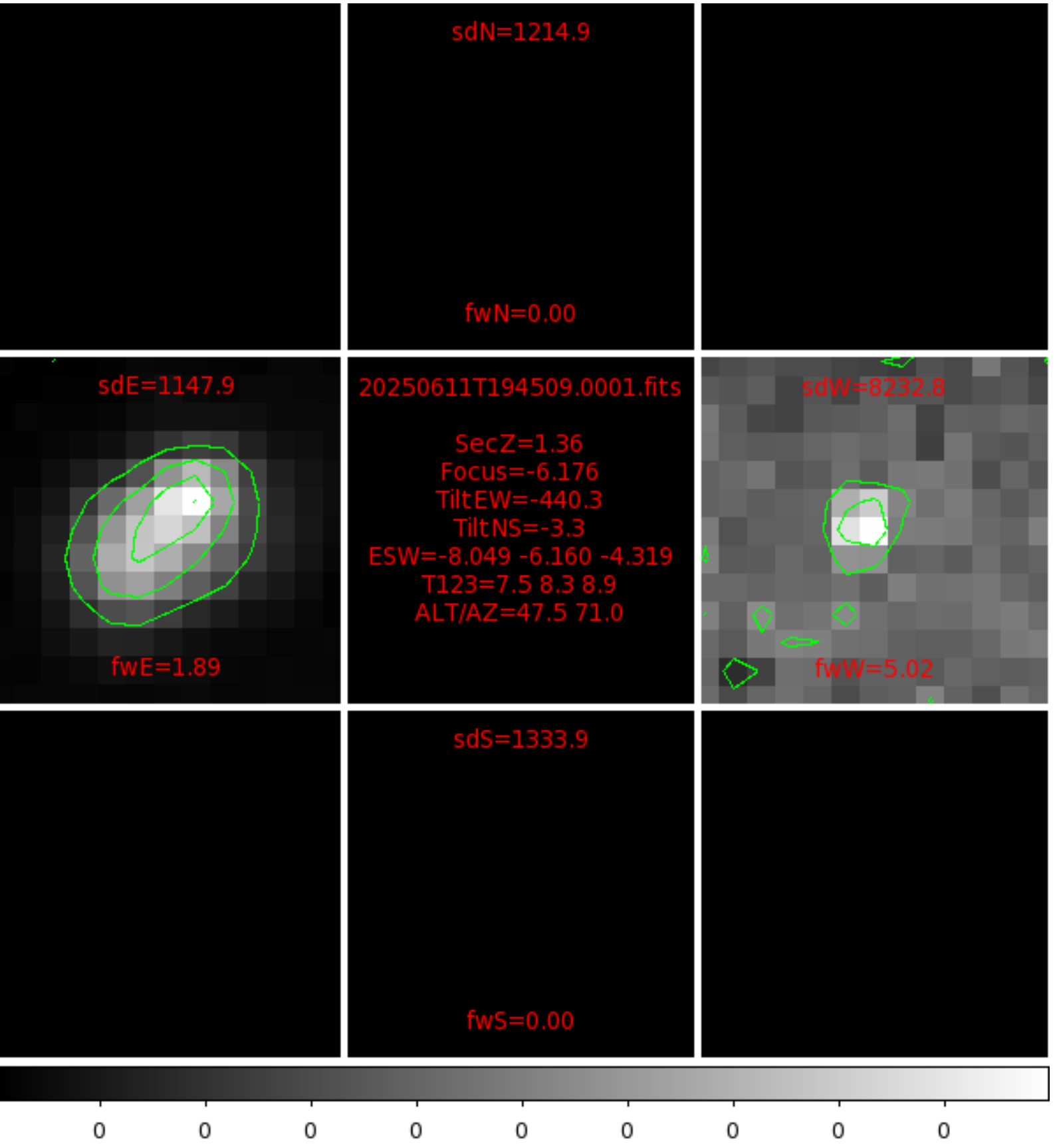
sdN=1214.9
fwN=0.00
sdE=1147.9
fwE=1.89
20250611T194509.0001.fits
SecZ=1.36
Focus=-6.176
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.049 -6.160 -4.319
T123=7.5 8.3 8.9
ALT/AZ=47.5 71.0
sdW=8232.8
fwW=5.02
sdS=1333.9
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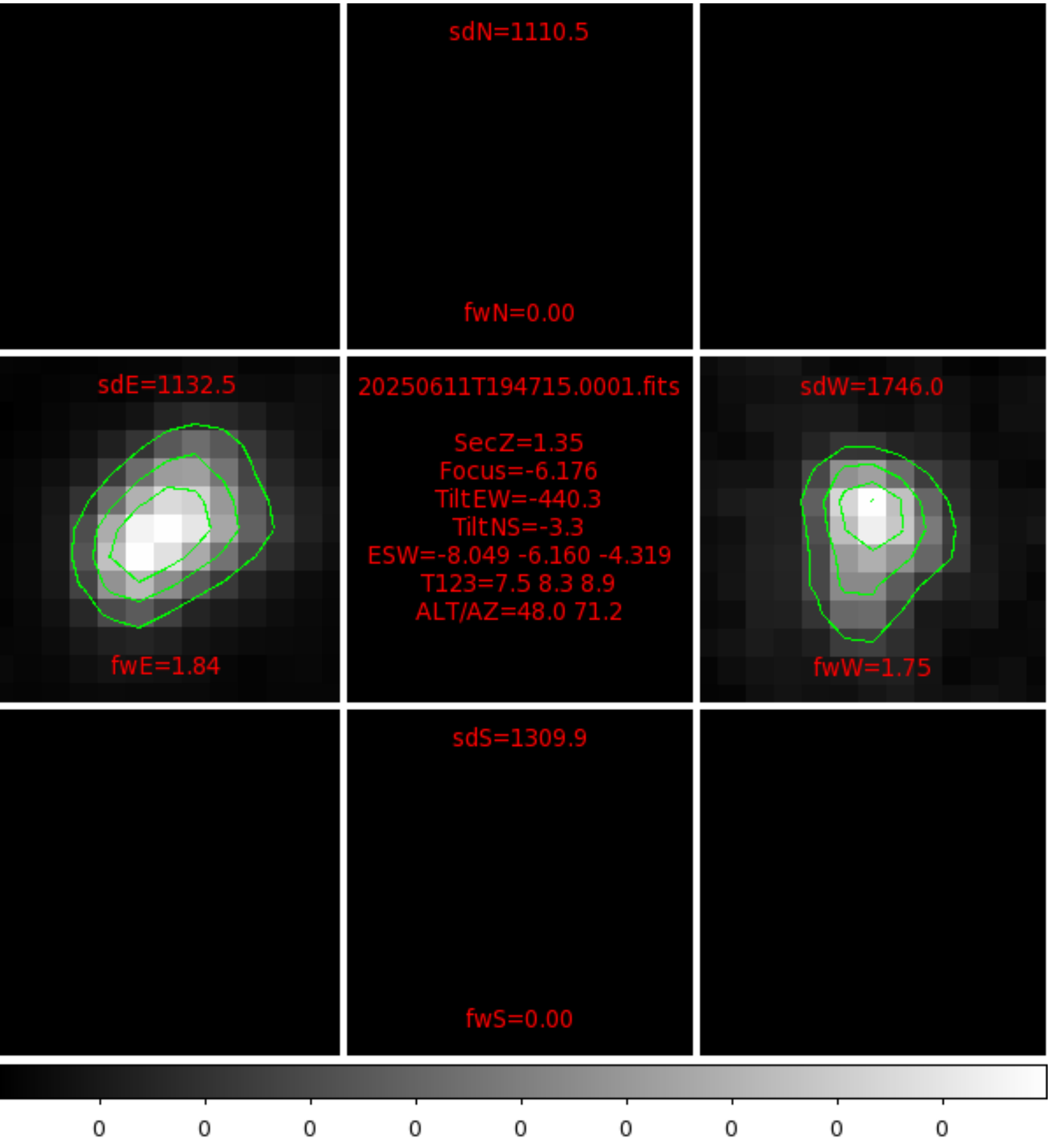
sdN=1110.5
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sdE=1132.5
fwE=1.84
20250611T194715.0001.fits
SecZ=1.35
Focus=-6.176
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.049 -6.160 -4.319
T123=7.5 8.3 8.9
ALT/AZ=48.0 71.2
sdW=1746.0
fwW=1.75
sdS=1309.9
fwS=0.00
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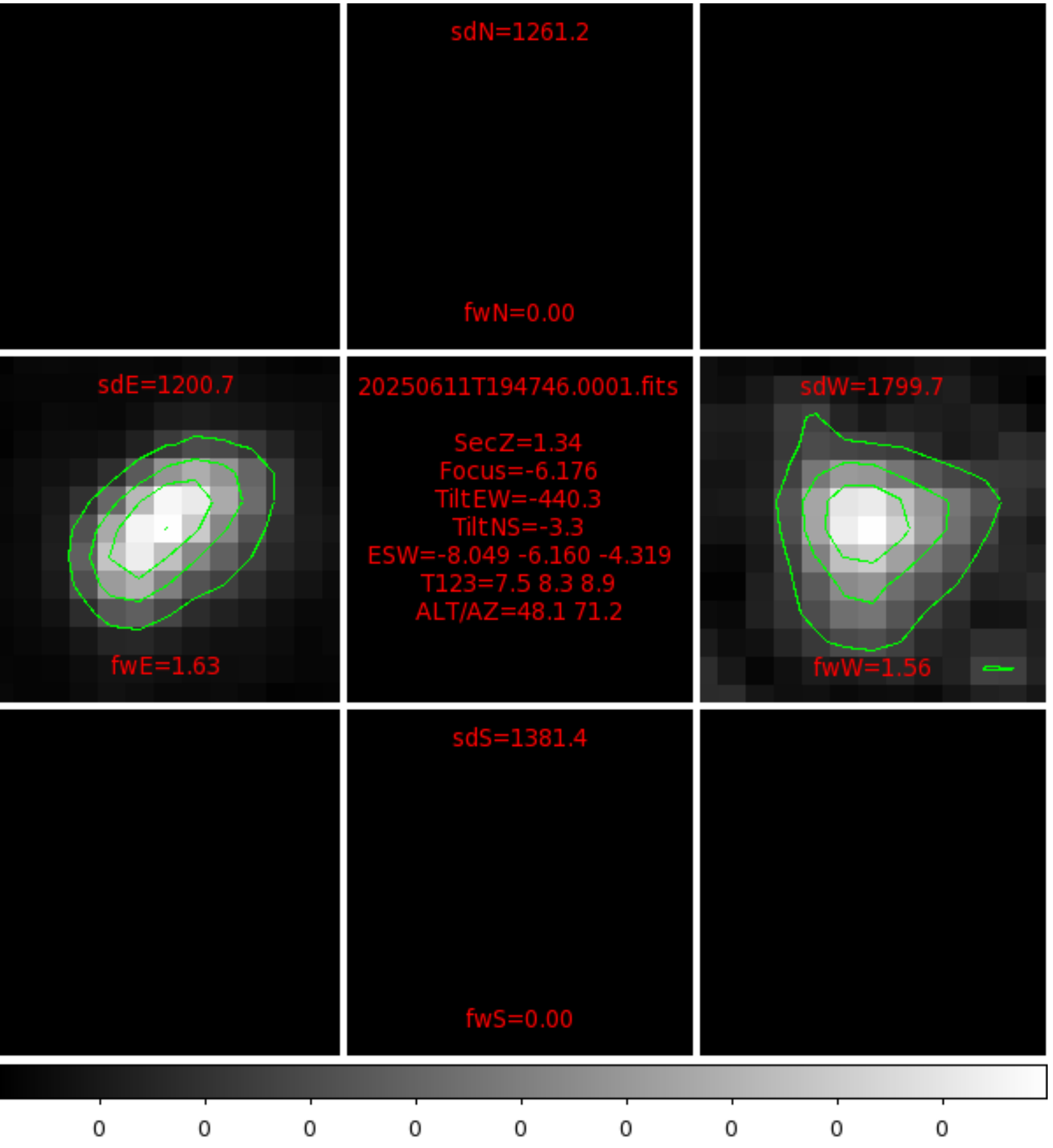
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fwN=0.00
sdE=1200.7
fwE=1.63
20250611T194746.0001.fits
SecZ=1.34
Focus=-6.176
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.049 -6.160 -4.319
T123=7.5 8.3 8.9
ALT/AZ=48.1 71.2
sdW=1799.7
fwW=1.56
sdS=1381.4
fwS=0.00
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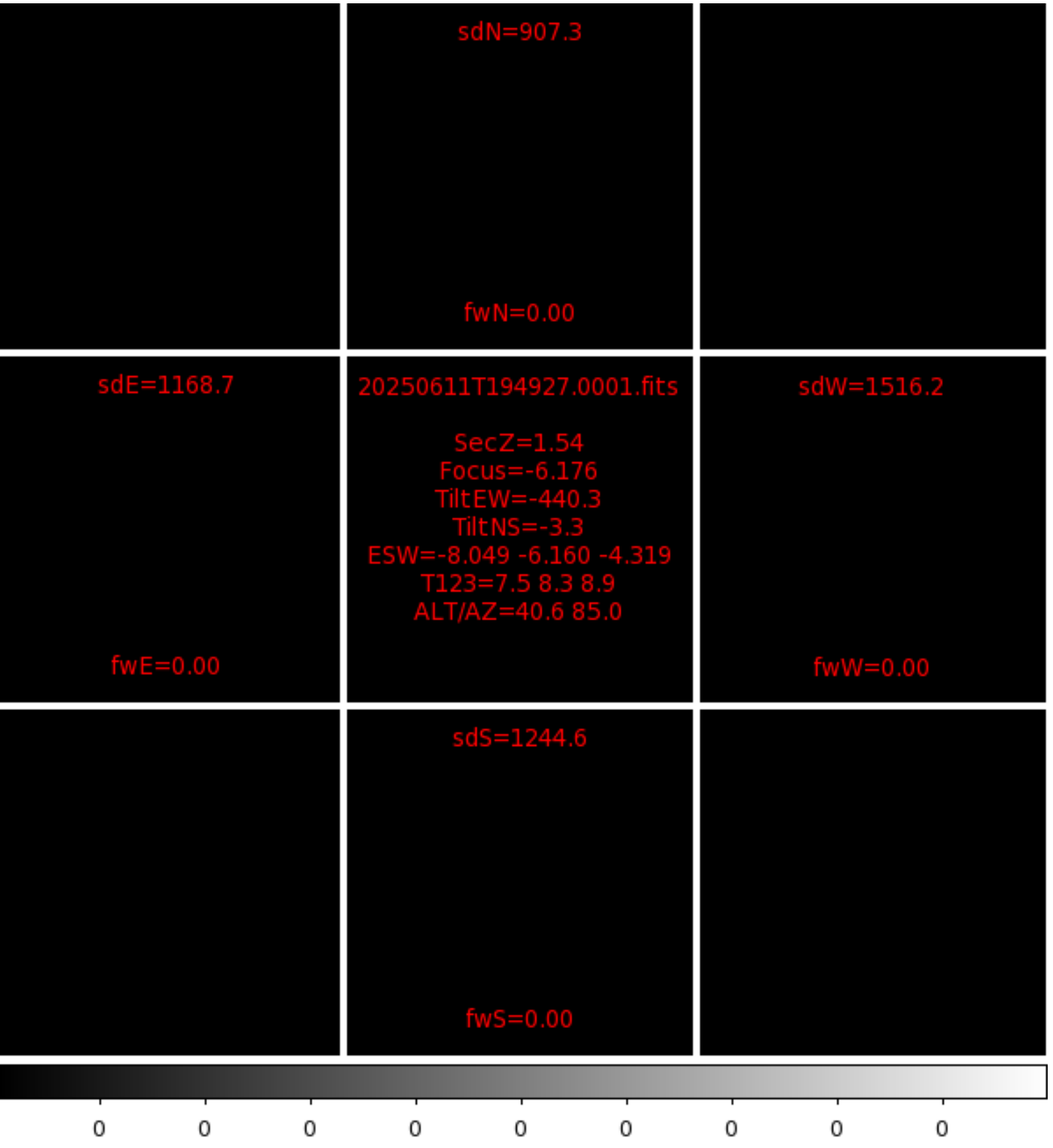
sdN=907.3
fwN=0.00
sdE=1168.7
fwE=0.00
20250611T194927.0001.fits
SecZ=1.54
Focus=-6.176
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.049 -6.160 -4.319
T123=7.5 8.3 8.9
ALT/AZ=40.6 85.0
sdW=1516.2
fwW=0.00
sdS=1244.6
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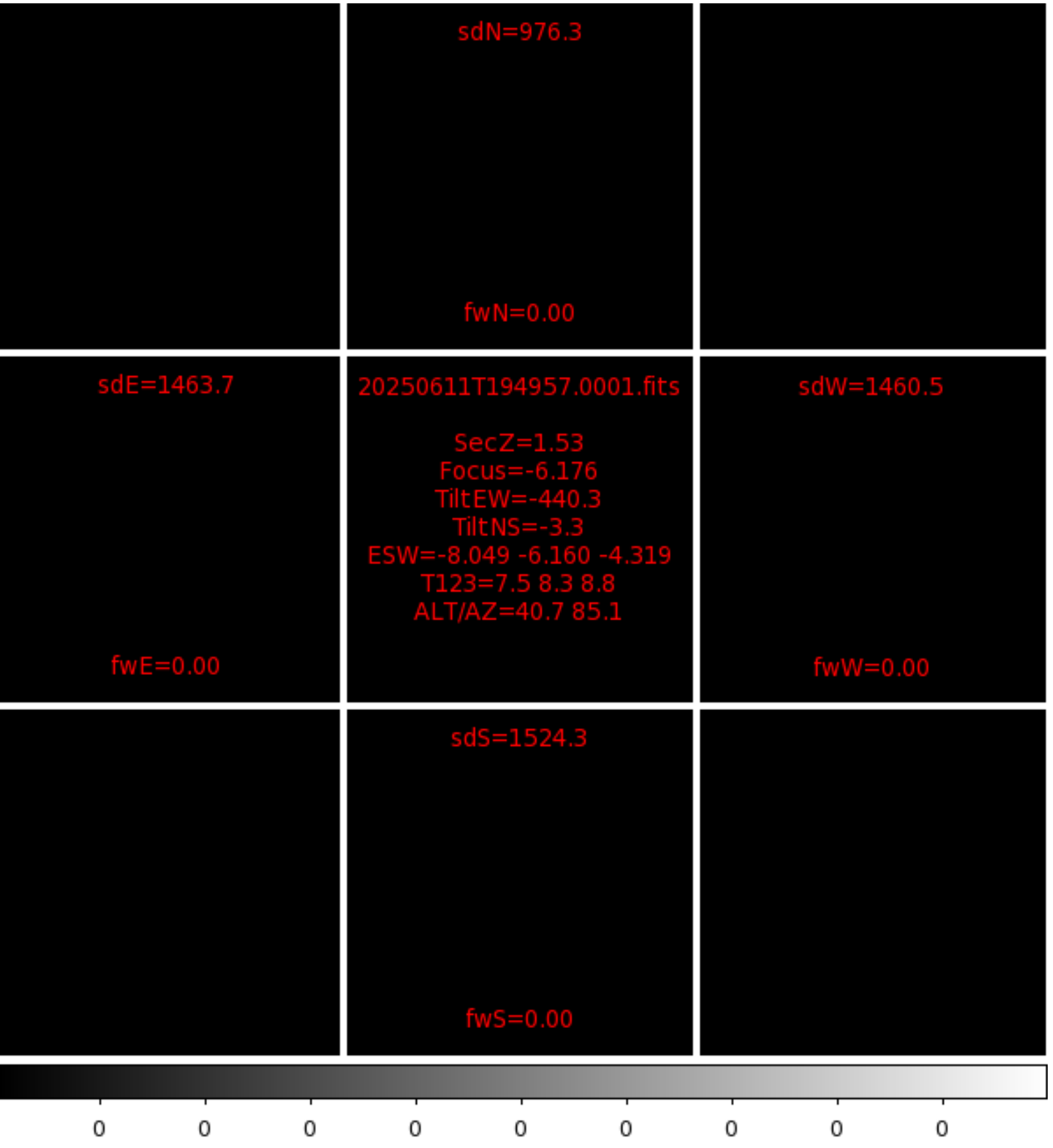
sdN=976.3
fwN=0.00
sdE=1463.7
fwE=0.00
20250611T194957.0001.fits
SecZ=1.53
Focus=-6.176
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.049 -6.160 -4.319
T123=7.5 8.3 8.8
ALT/AZ=40.7 85.1
sdW=1460.5
fwW=0.00
sdS=1524.3
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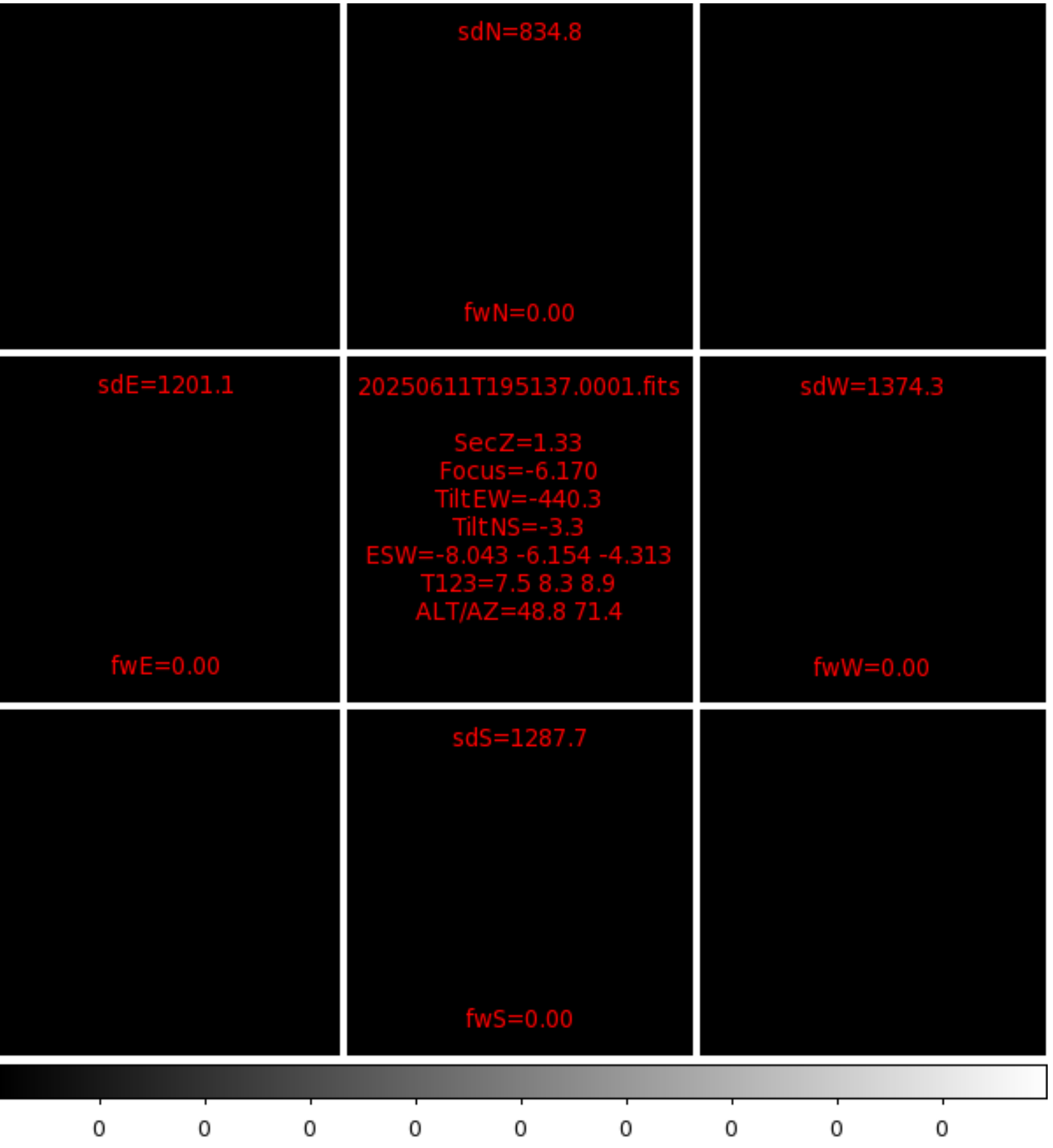
sdN=834.8
fwN=0.00
sdE=1201.1
fwE=0.00
20250611T195137.0001.fits
SecZ=1.33
Focus=-6.170
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.043 -6.154 -4.313
T123=7.5 8.3 8.9
ALT/AZ=48.8 71.4
sdW=1374.3
fwW=0.00
sdS=1287.7
fwS=0.00
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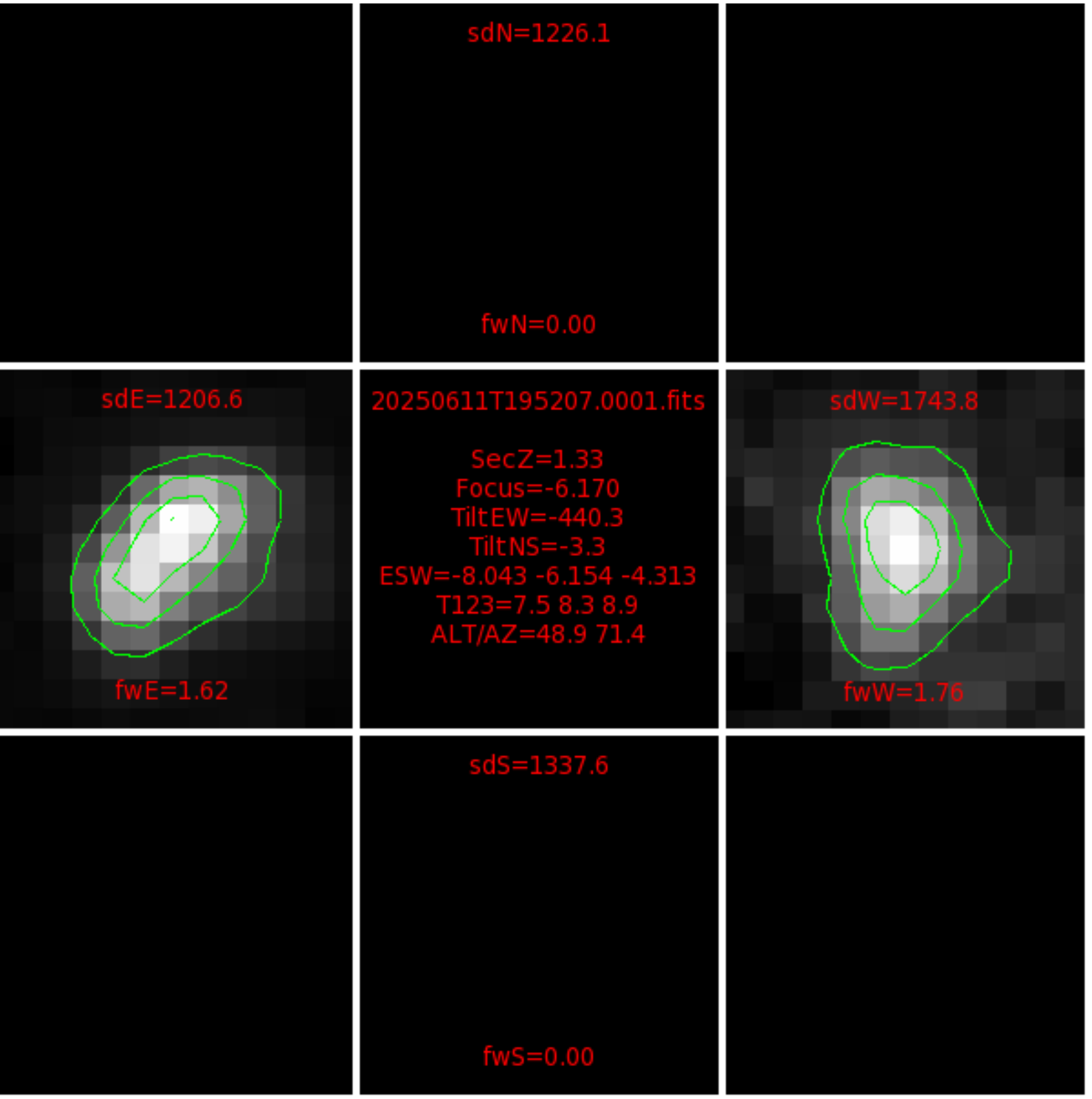
sdN=1226.1
fwN=0.00
sdE=1206.6
fwE=1.62
20250611T195207.0001.fits
SecZ=1.33
Focus=-6.170
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.043 -6.154 -4.313
T123=7.5 8.3 8.9
ALT/AZ=48.9 71.4
sdW=1743.8
fwW=1.76
sdS=1337.6
fwS=0.00
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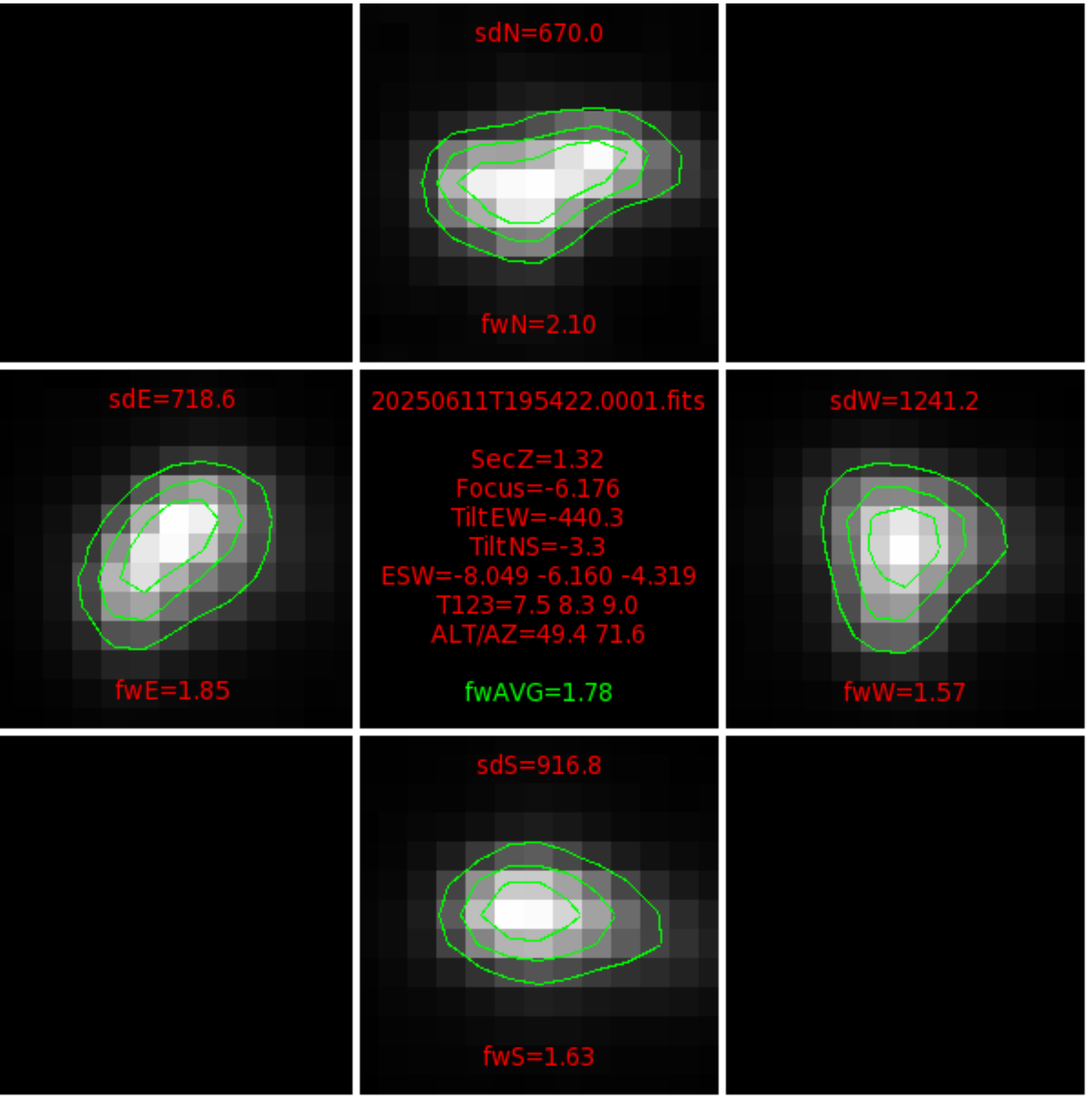
sdN=670.0
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sdE=718.6
fwE=1.85
20250611T195422.0001.fits
SecZ=1.32
Focus=-6.176
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.049 -6.160 -4.319
T123=7.5 8.3 9.0
ALT/AZ=49.4 71.6
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sdW=1241.2
fwW=1.57
sdS=916.8
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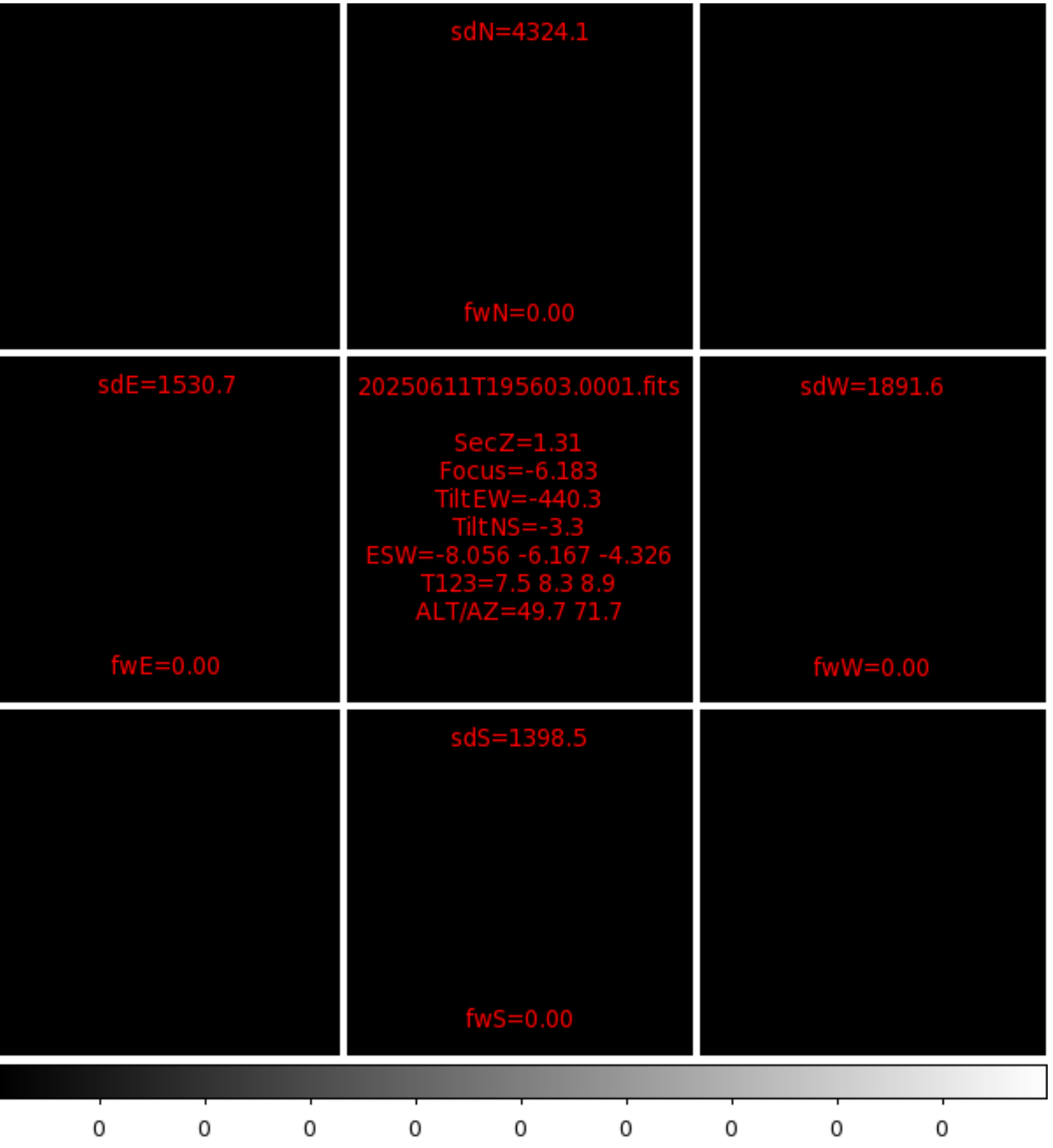
sdN=4324.1
fwN=0.00
sdE=1530.7
fwE=0.00
20250611T195603.0001.fits
SecZ=1.31
Focus=-6.183
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.056 -6.167 -4.326
T123=7.5 8.3 8.9
ALT/AZ=49.7 71.7
sdW=1891.6
fwW=0.00
sdS=1398.5
fwS=0.00
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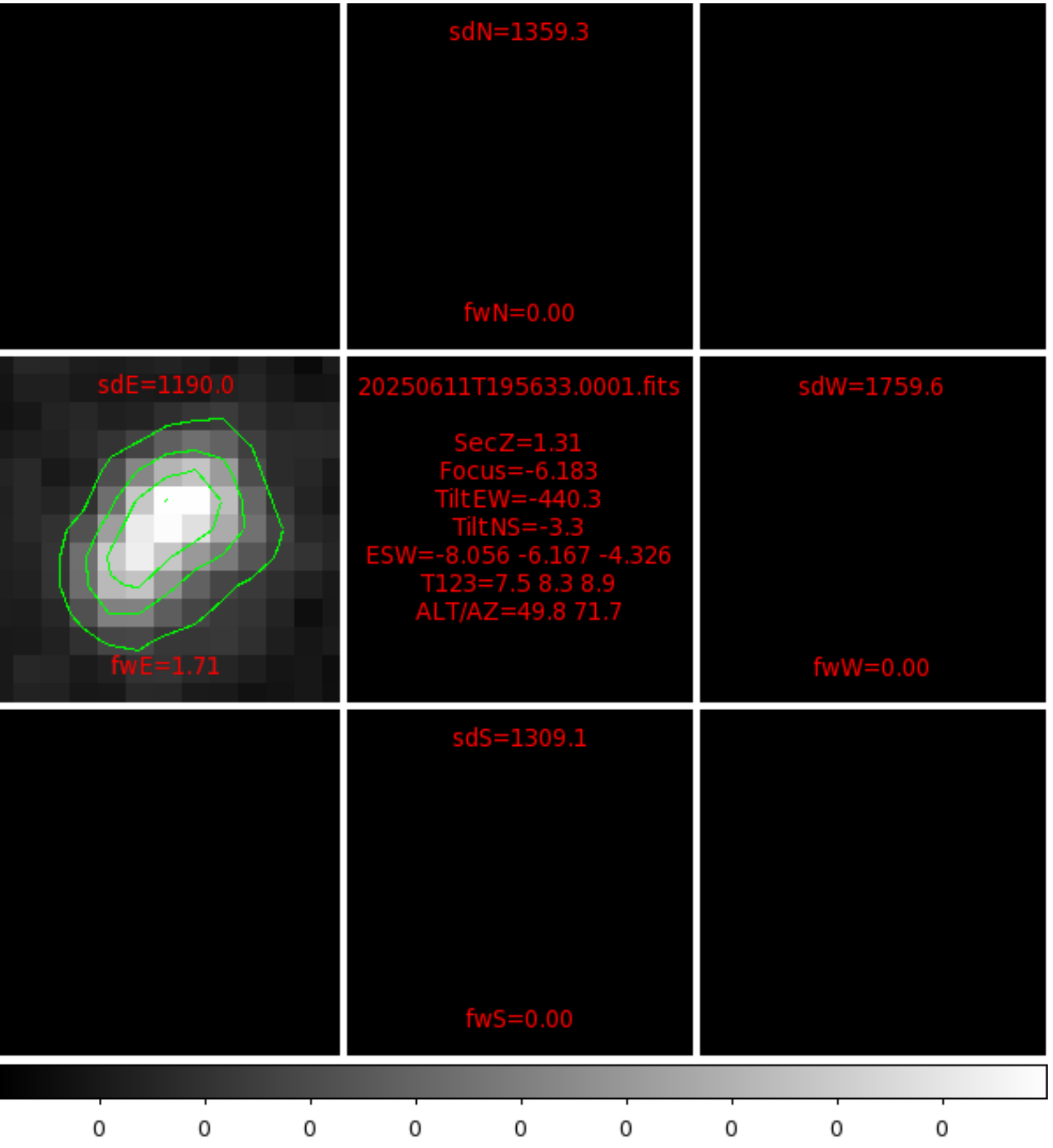
sdN=1359.3
fwN=0.00
sdE=1190.0
fwE=1.71
20250611T195633.0001.fits
SecZ=1.31
Focus=-6.183
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.056 -6.167 -4.326
T123=7.5 8.3 8.9
ALT/AZ=49.8 71.7
sdW=1759.6
fwW=0.00
sdS=1309.1
fwS=0.00
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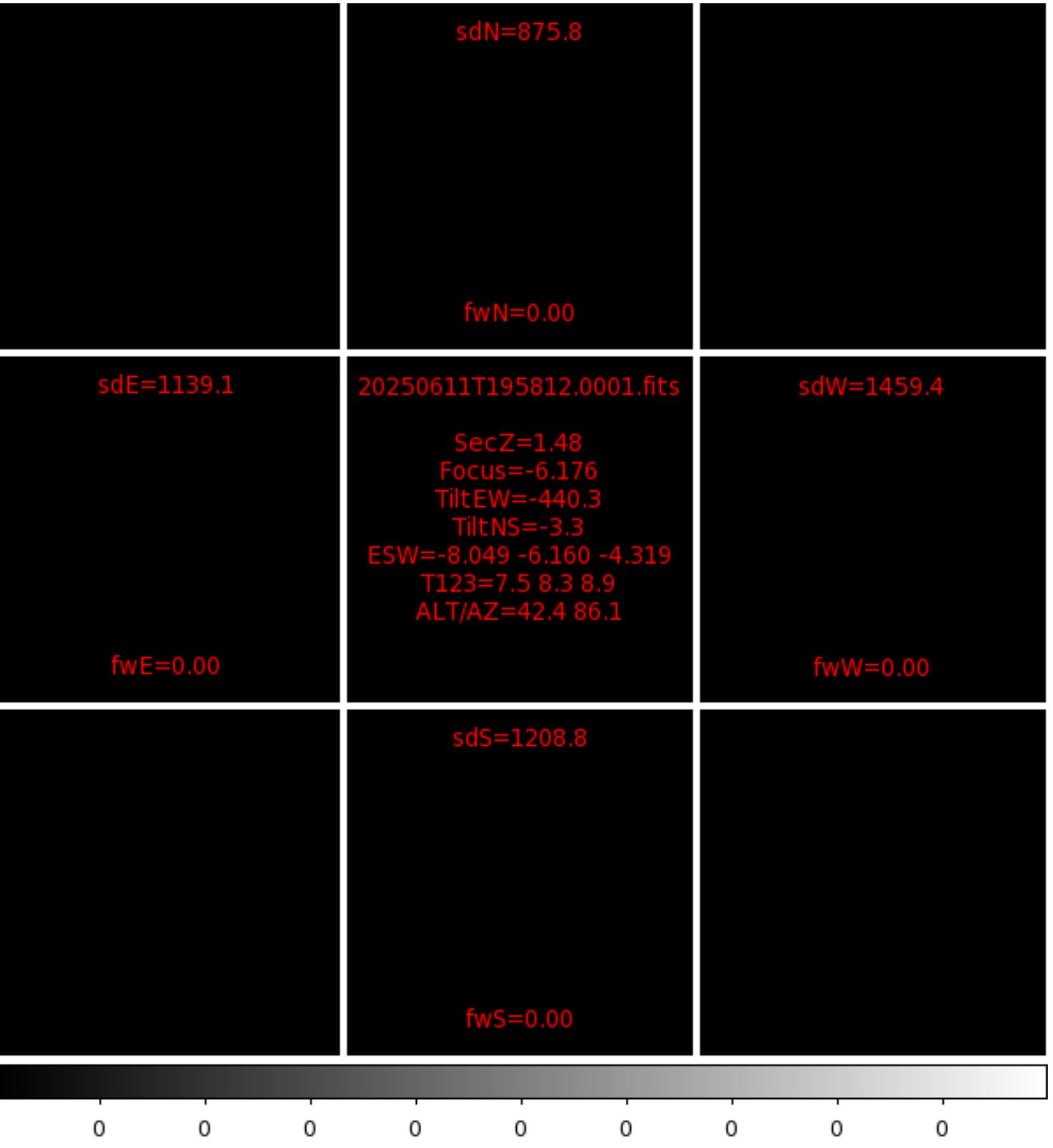
sdN=875.8
fwN=0.00
sdE=1139.1
fwE=0.00
20250611T195812.0001.fits
SecZ=1.48
Focus=-6.176
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.049 -6.160 -4.319
T123=7.5 8.3 8.9
ALT/AZ=42.4 86.1
sdW=1459.4
fwW=0.00
sdS=1208.8
fwS=0.00
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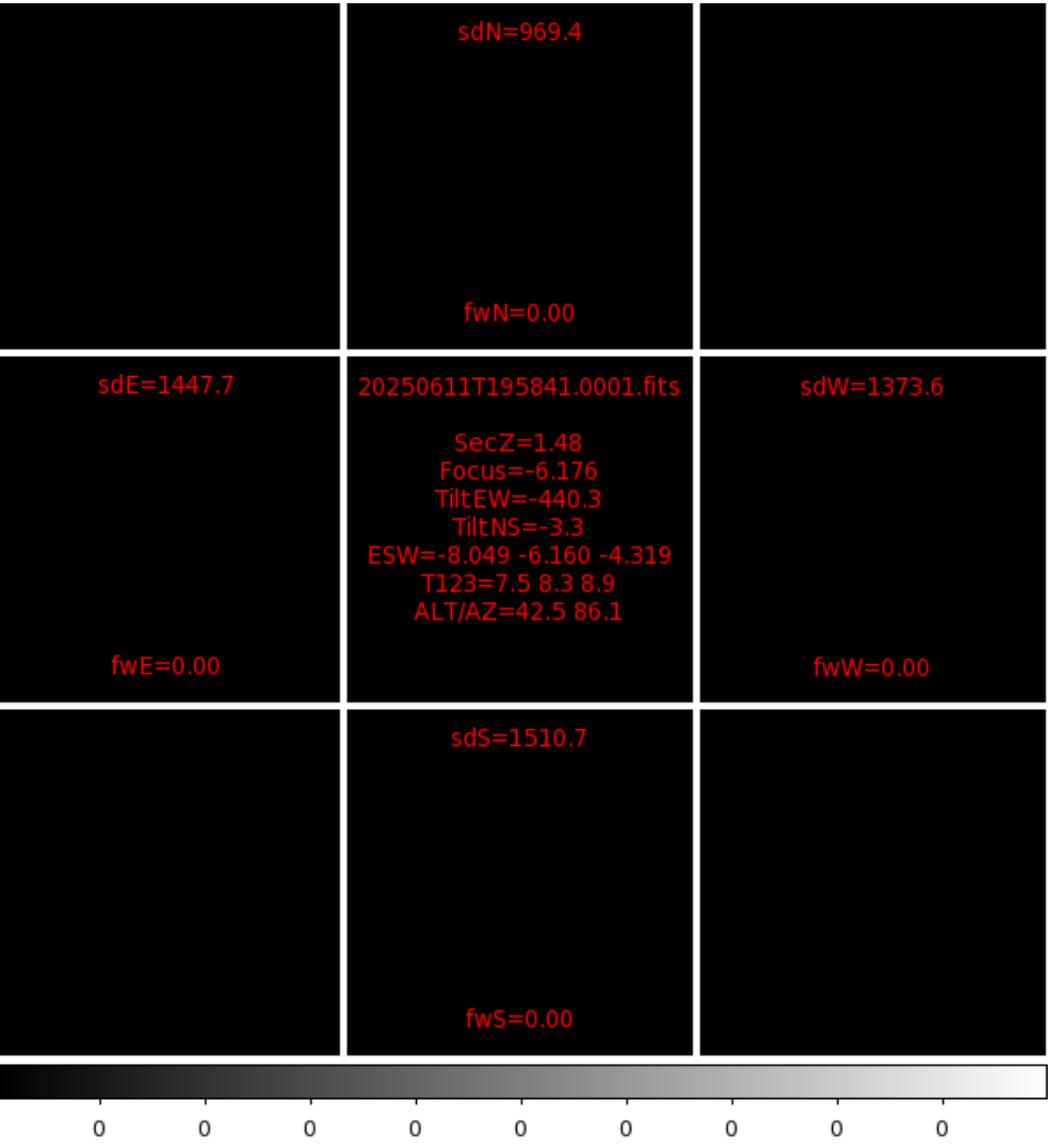
sdN=969.4
fwN=0.00
sdE=1447.7
fwE=0.00
20250611T195841.0001.fits
SecZ=1.48
Focus=-6.176
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.049 -6.160 -4.319
T123=7.5 8.3 8.9
ALT/AZ=42.5 86.1
sdW=1373.6
fwW=0.00
sdS=1510.7
fwS=0.00
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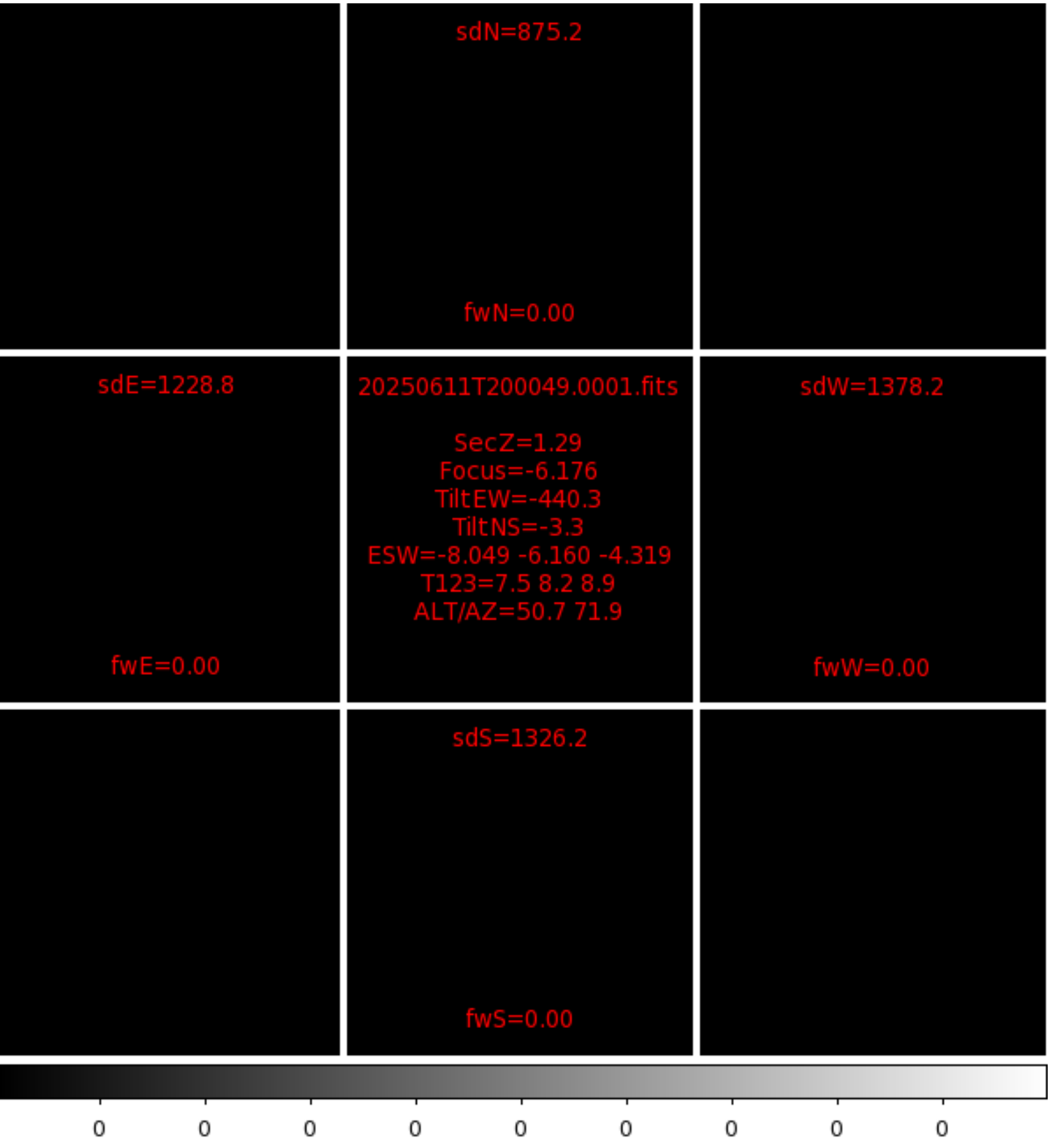
sdN=875.2
fwN=0.00
sdE=1228.8
fwE=0.00
20250611T200049.0001.fits
SecZ=1.29
Focus=-6.176
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.049 -6.160 -4.319
T123=7.5 8.2 8.9
ALT/AZ=50.7 71.9
sdW=1378.2
fwW=0.00
sdS=1326.2
fwS=0.00
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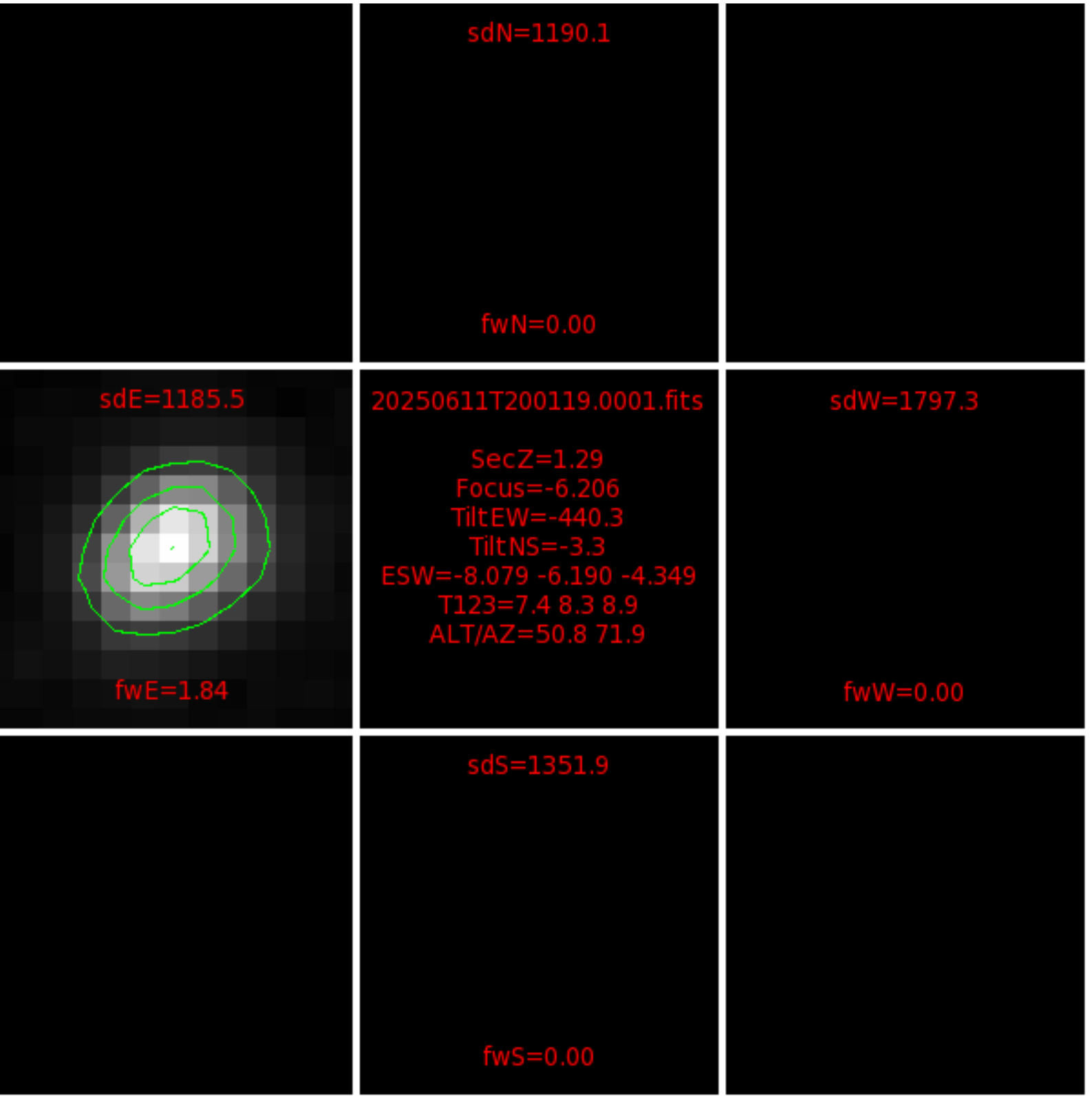
sdN=1190.1
fwN=0.00
sdE=1185.5
fwE=1.84
20250611T200119.0001.fits
SecZ=1.29
Focus=-6.206
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.079 -6.190 -4.349
T123=7.4 8.3 8.9
ALT/AZ=50.8 71.9
sdW=1797.3
fwW=0.00
sdS=1351.9
fwS=0.00
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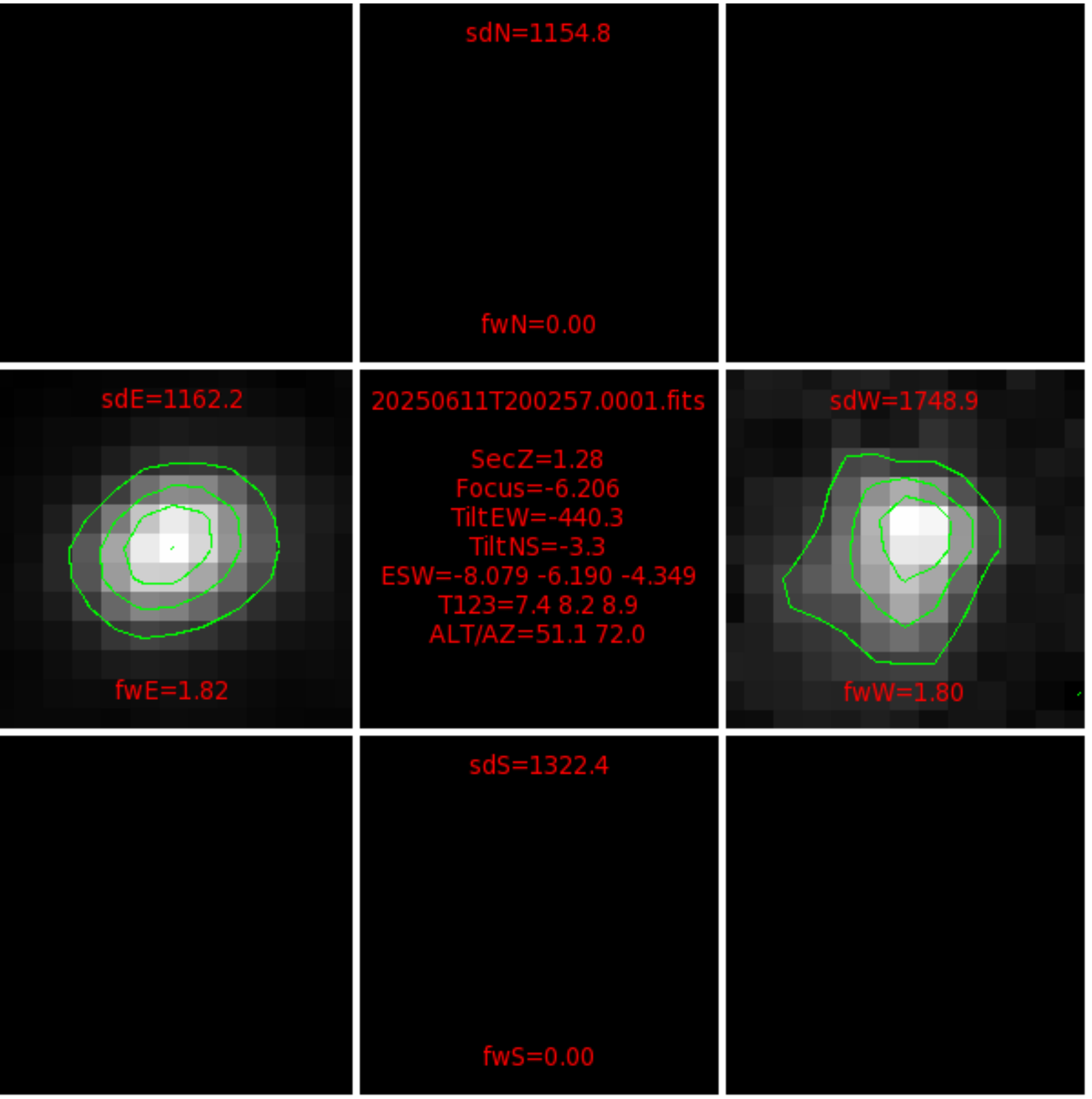
sdN=1154.8
fwN=0.00
sdE=1162.2
fwE=1.82
20250611T200257.0001.fits
SecZ=1.28
Focus=-6.206
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.079 -6.190 -4.349
T123=7.4 8.2 8.9
ALT/AZ=51.1 72.0
sdW=1748.9
fwW=1.80
sdS=1322.4
fwS=0.00
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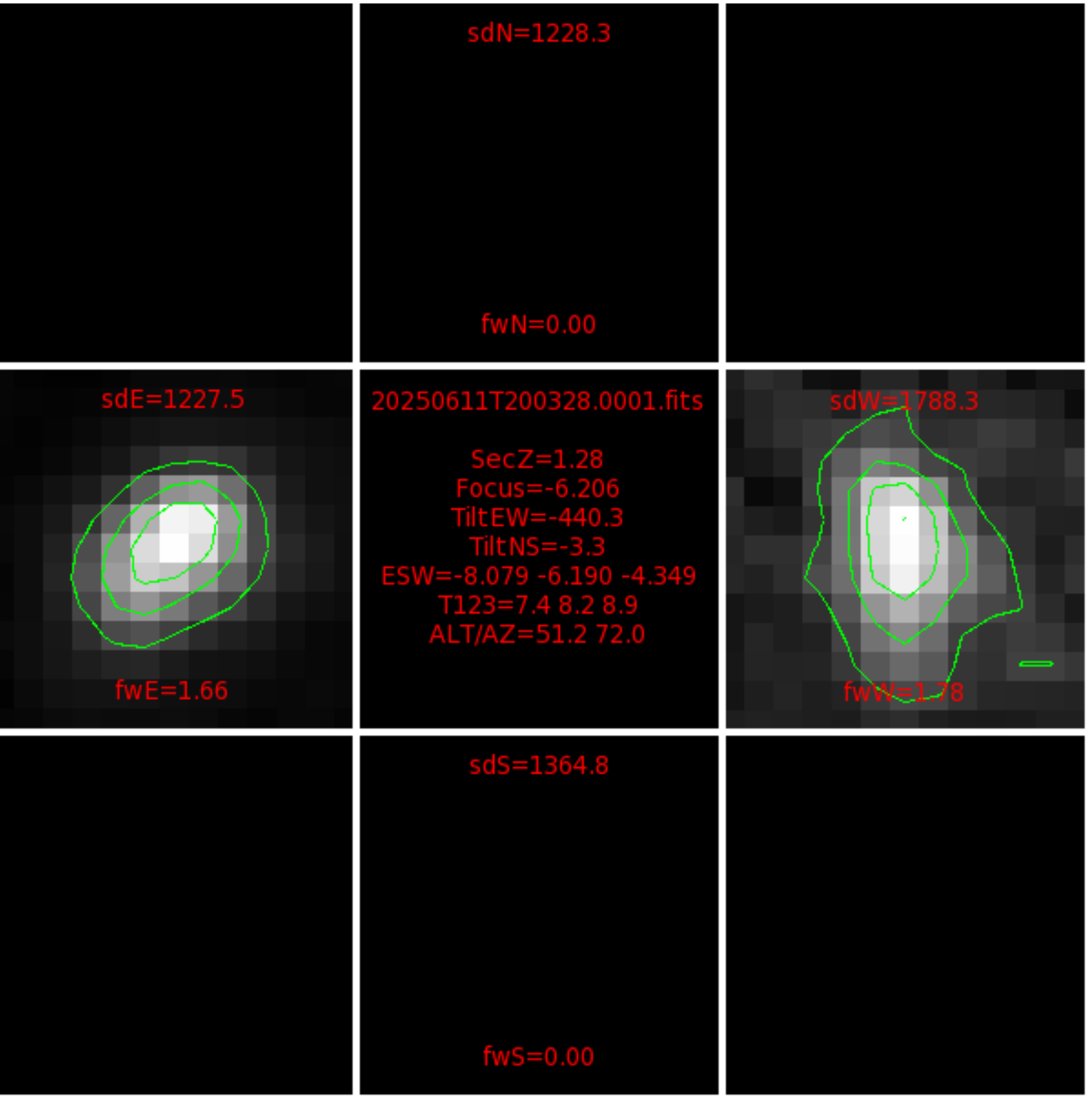
sdN=1228.3
fwN=0.00
sdE=1227.5
fwE=1.66
20250611T200328.0001.fits
SecZ=1.28
Focus=-6.206
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.079 -6.190 -4.349
T123=7.4 8.2 8.9
ALT/AZ=51.2 72.0
sdW=1788.3
fwW=1.78
sdS=1364.8
fwS=0.00
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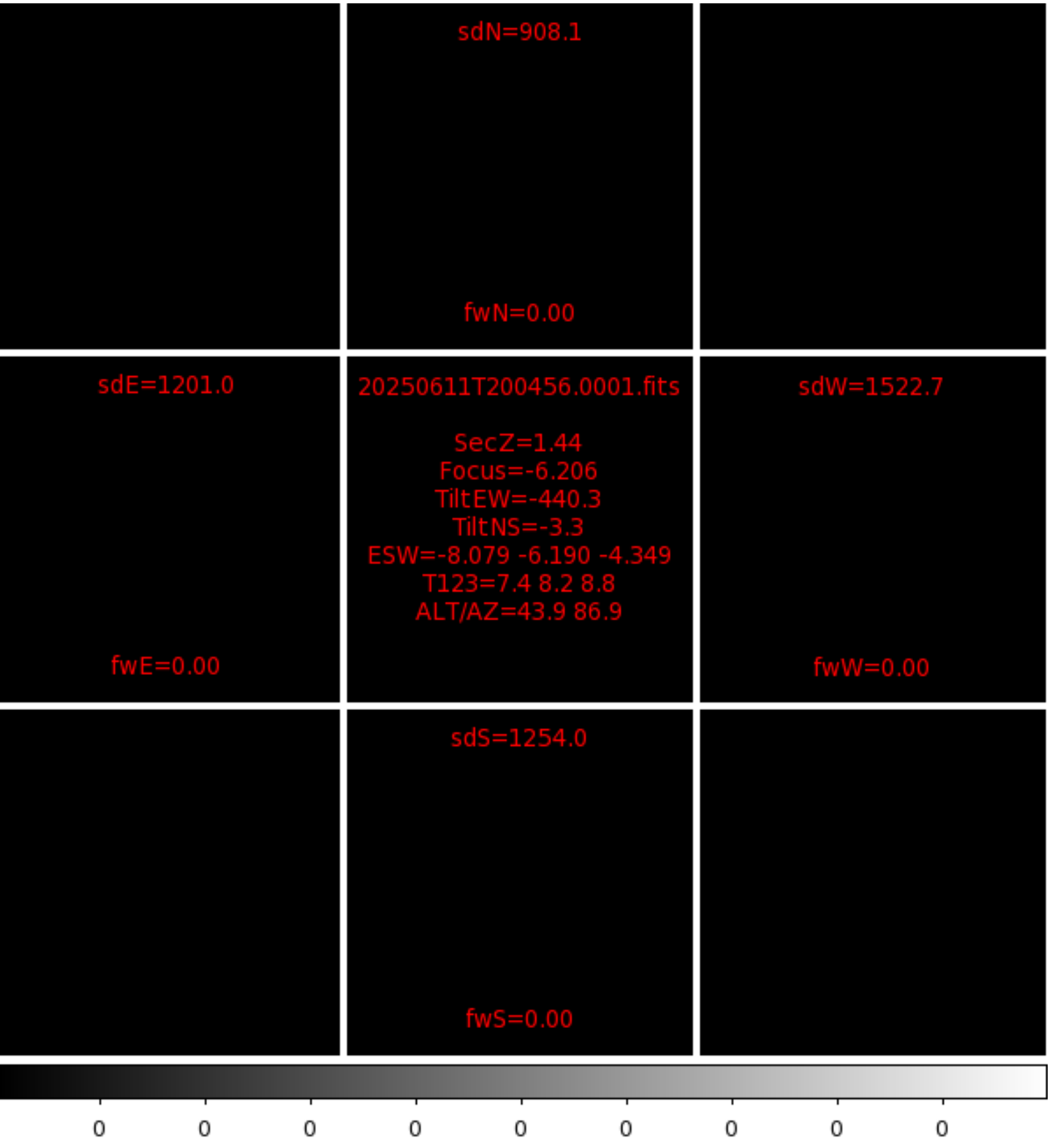
sdN=908.1
fwN=0.00
sdE=1201.0
fwE=0.00
20250611T200456.0001.fits
SecZ=1.44
Focus=-6.206
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.079 -6.190 -4.349
T123=7.4 8.2 8.8
ALT/AZ=43.9 86.9
sdW=1522.7
fwW=0.00
sdS=1254.0
fwS=0.00
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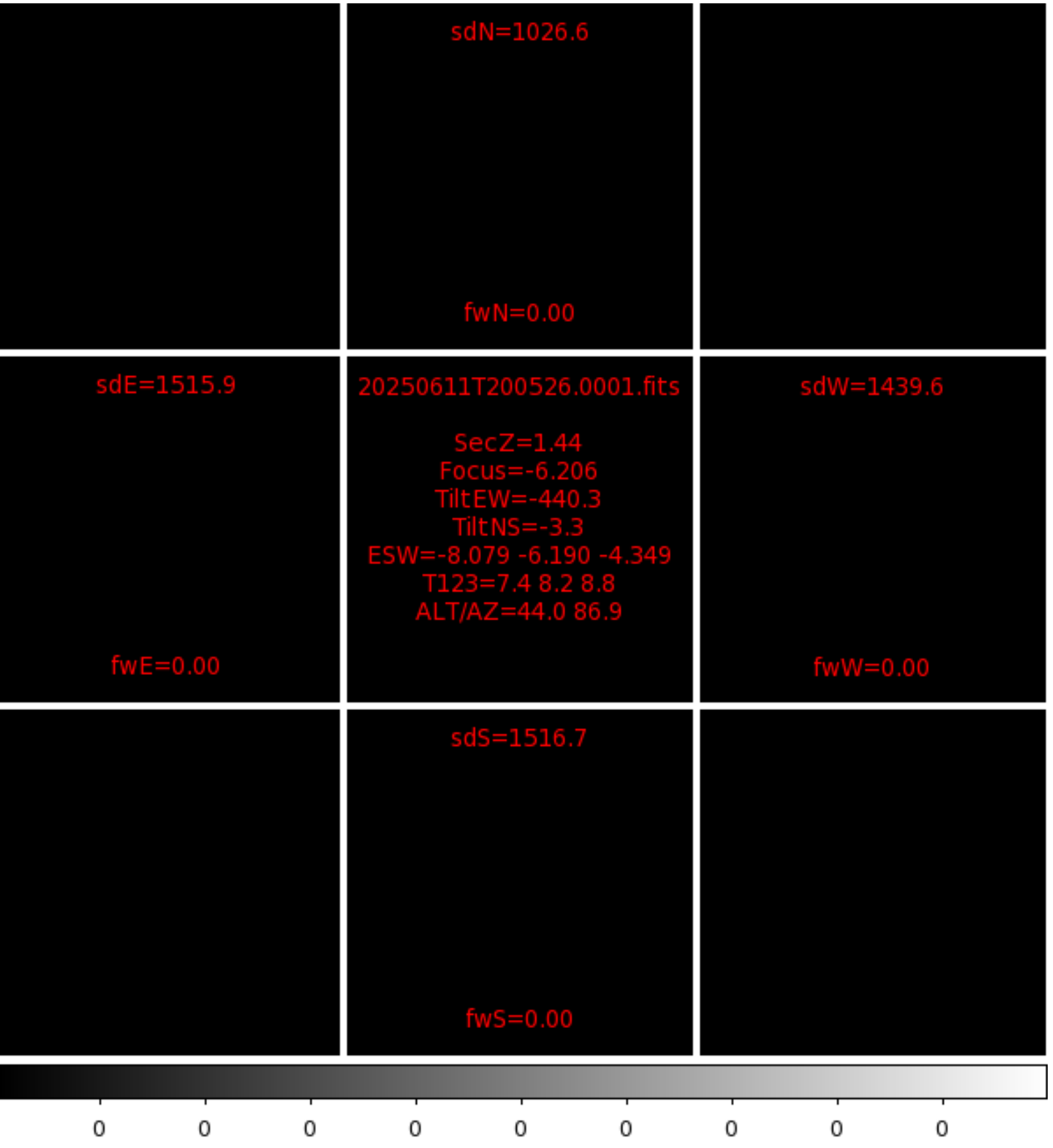
sdN=1026.6
fwN=0.00
sdE=1515.9
fwE=0.00
20250611T200526.0001.fits
SecZ=1.44
Focus=-6.206
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.079 -6.190 -4.349
T123=7.4 8.2 8.8
ALT/AZ=44.0 86.9
sdW=1439.6
fwW=0.00
sdS=1516.7
fwS=0.00
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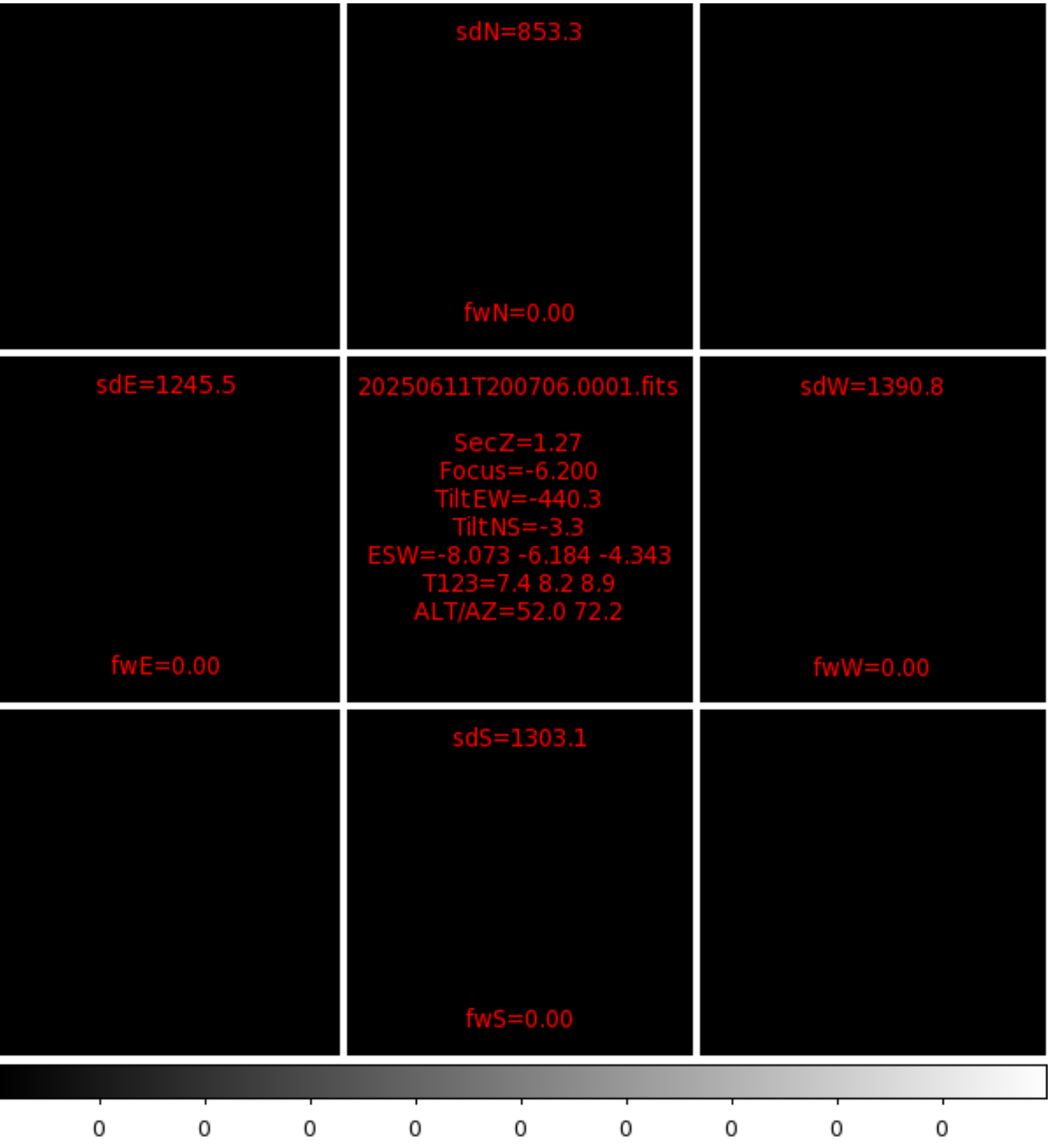
sdN=853.3
fwN=0.00
sdE=1245.5
fwE=0.00
20250611T200706.0001.fits
SecZ=1.27
Focus=-6.200
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.073 -6.184 -4.343
T123=7.4 8.2 8.9
ALT/AZ=52.0 72.2
sdW=1390.8
fwW=0.00
sdS=1303.1
fwS=0.00
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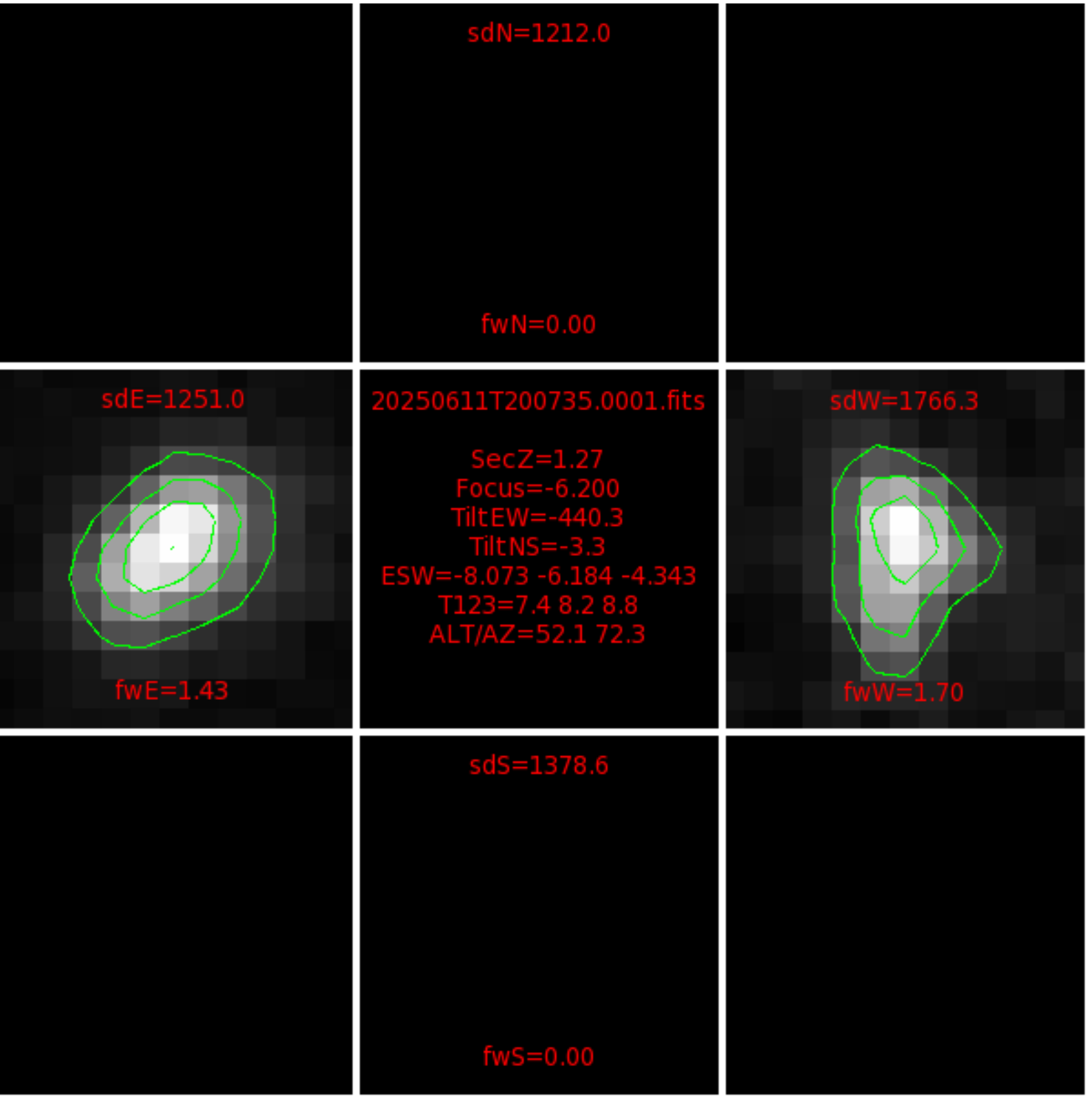
sdN=1212.0
fwN=0.00
sdE=1251.0
fwE=1.43
20250611T200735.0001.fits
SecZ=1.27
Focus=-6.200
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.073 -6.184 -4.343
T123=7.4 8.2 8.8
ALT/AZ=52.1 72.3
sdW=1766.3
fwW=1.70
sdS=1378.6
fwS=0.00
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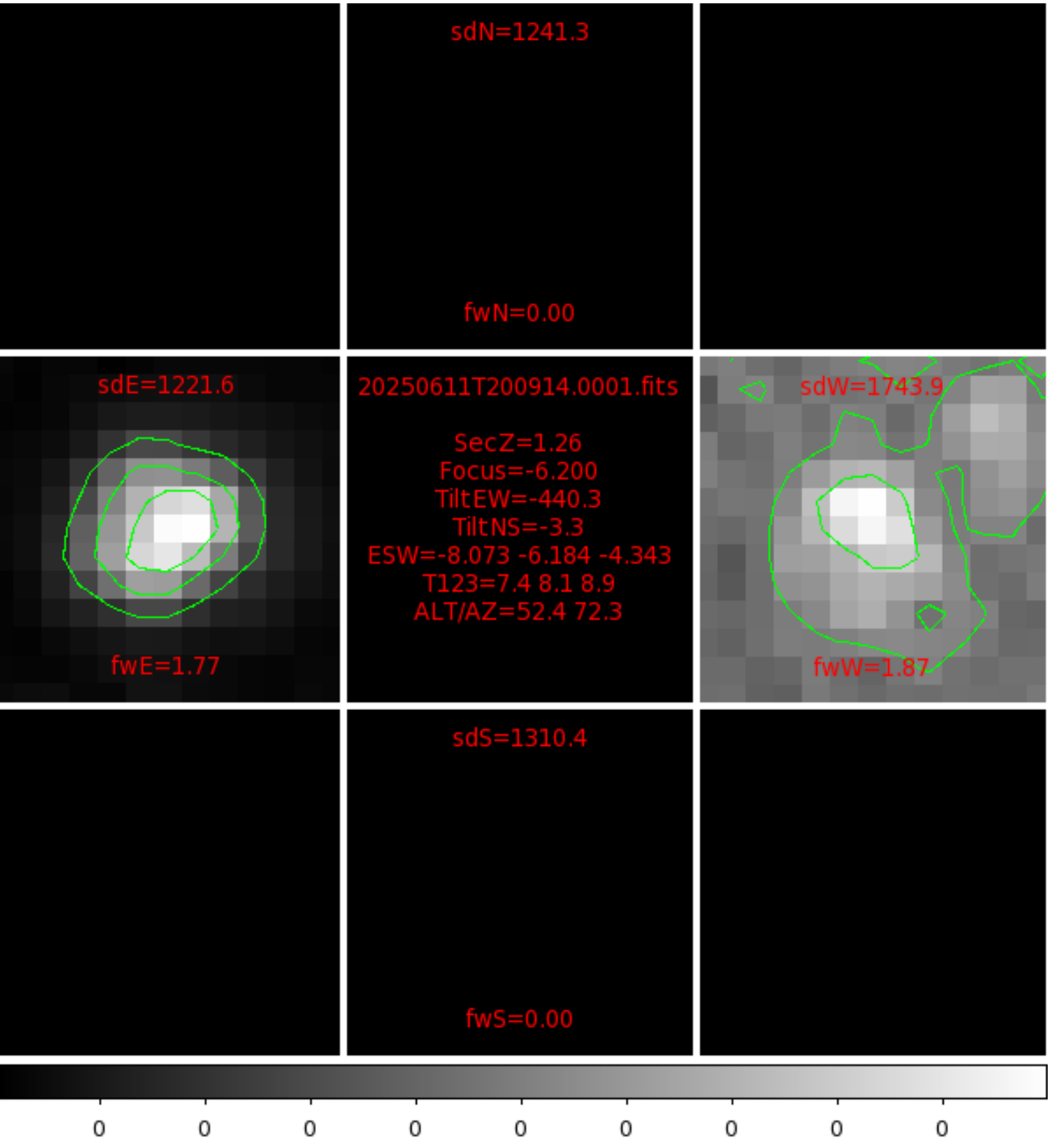
sdN=1241.3
fwN=0.00
sdE=1221.6
fwE=1.77
20250611T200914.0001.fits
SecZ=1.26
Focus=-6.200
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.073 -6.184 -4.343
T123=7.4 8.1 8.9
ALT/AZ=52.4 72.3
sdW=1743.9
fwW=1.87
sdS=1310.4
fwS=0.00
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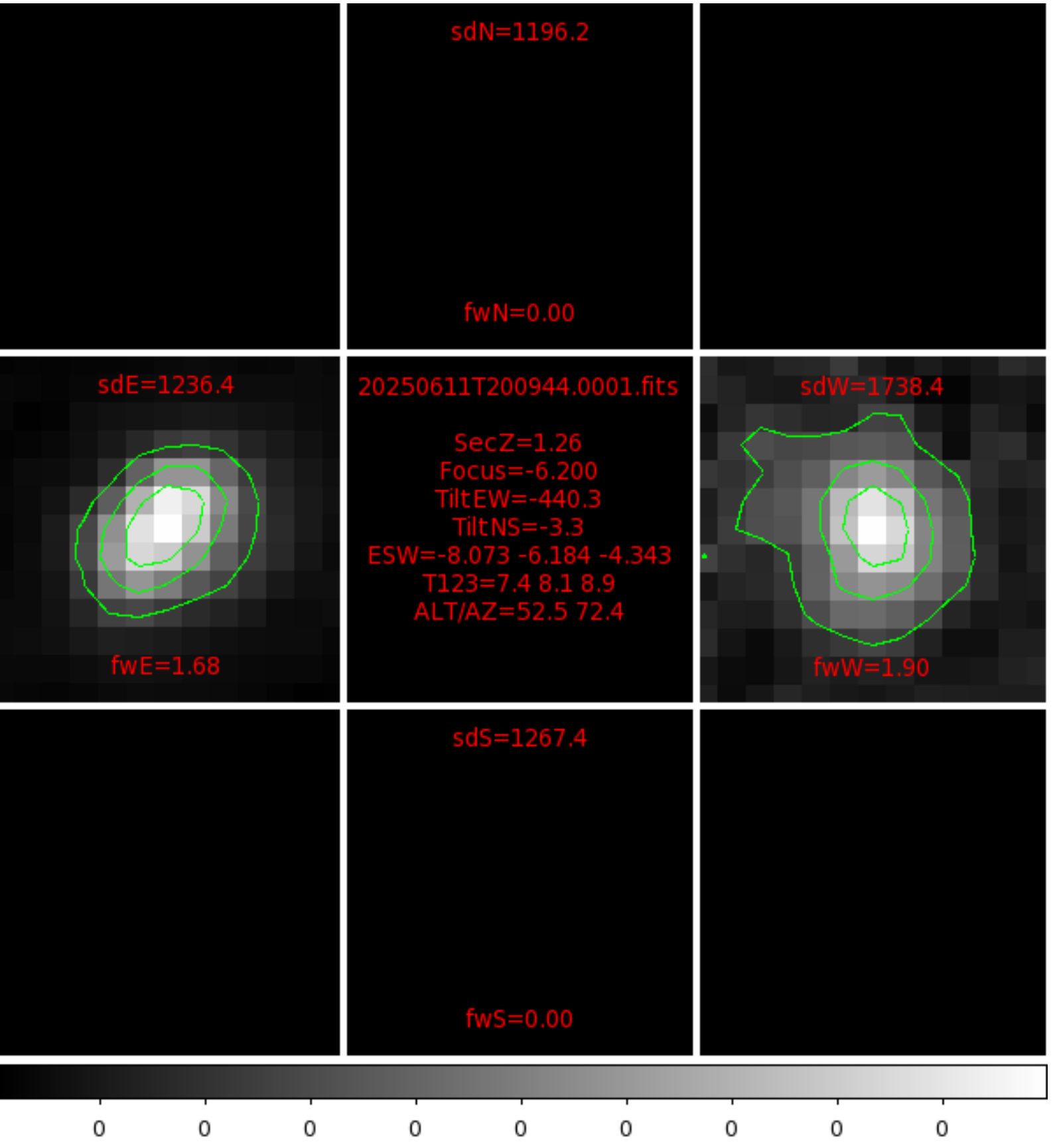
sdN=1196.2
fwN=0.00
sdE=1236.4
20250611T200944.0001.fits
SecZ=1.26
Focus=-6.200
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.073 -6.184 -4.343
T123=7.4 8.1 8.9
ALT/AZ=52.5 72.4
sdW=1738.4
fwE=1.68
fwW=1.90
sdS=1267.4
fwS=0.00
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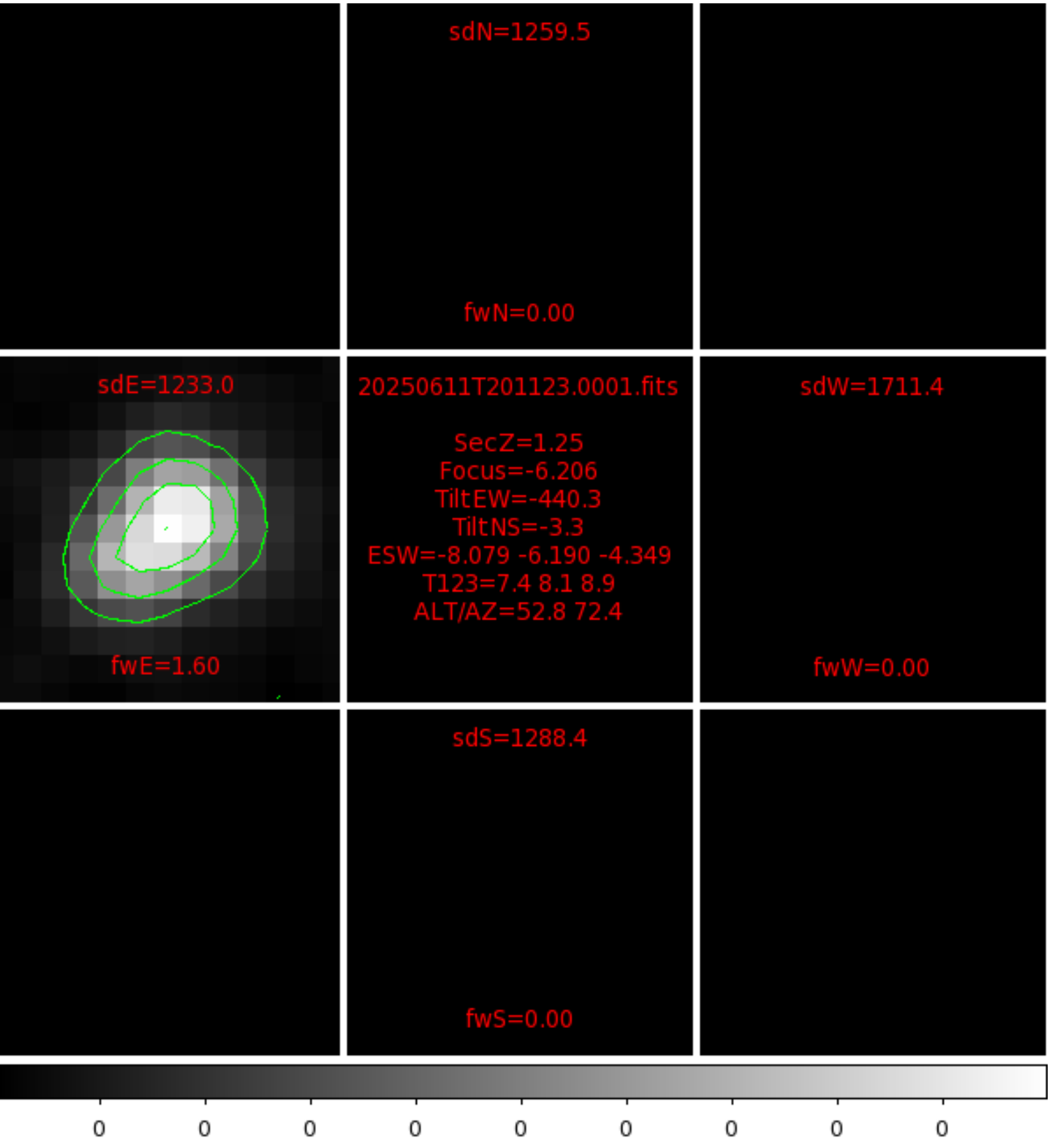
sdN=1259.5
fwN=0.00
sdE=1233.0
fwE=1.60
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SecZ=1.25
Focus=-6.206
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.079 -6.190 -4.349
T123=7.4 8.1 8.9
ALT/AZ=52.8 72.4
sdW=1711.4
fwW=0.00
sdS=1288.4
fwS=0.00
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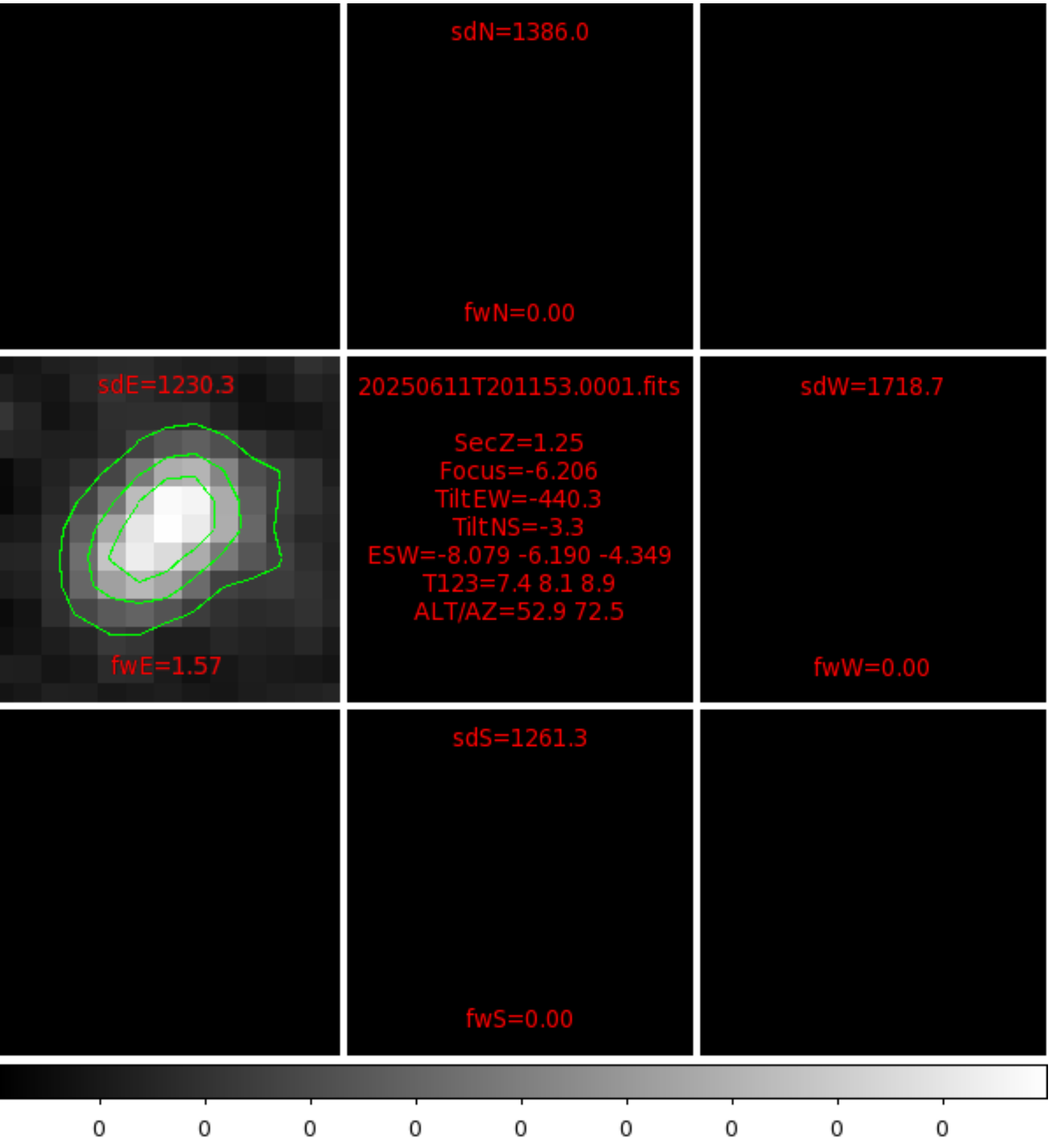
sdN=1386.0
fwN=0.00
sdE=1230.3
fwE=1.57
20250611T201153.0001.fits
SecZ=1.25
Focus=-6.206
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.079 -6.190 -4.349
T123=7.4 8.1 8.9
ALT/AZ=52.9 72.5
sdW=1718.7
fwW=0.00
sdS=1261.3
fwS=0.00
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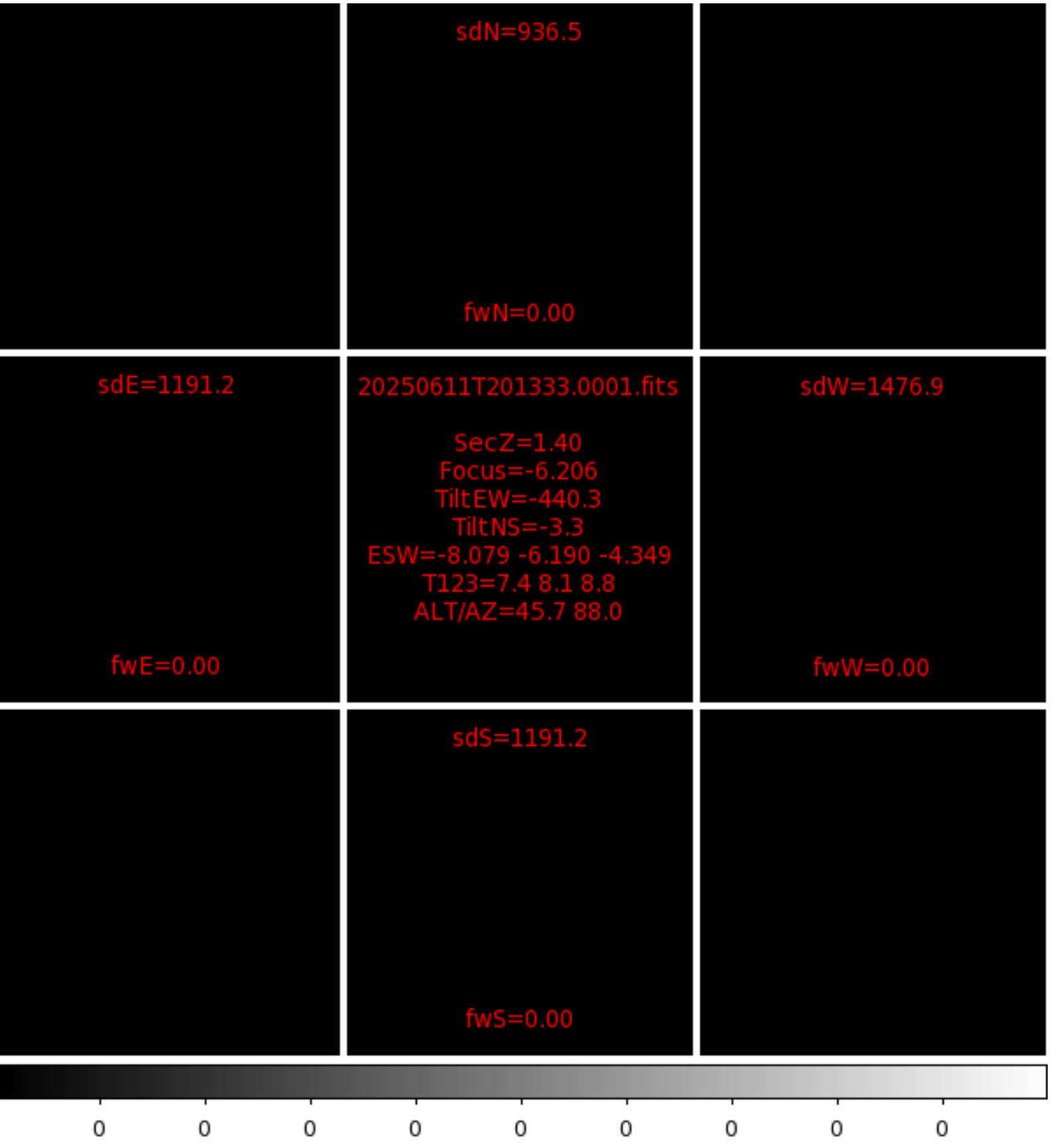
sdN=936.5
fwN=0.00
sdE=1191.2
fwE=0.00
20250611T201333.0001.fits
SecZ=1.40
Focus=-6.206
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.079 -6.190 -4.349
T123=7.4 8.1 8.8
ALT/AZ=45.7 88.0
sdW=1476.9
fwW=0.00
sdS=1191.2
fwS=0.00
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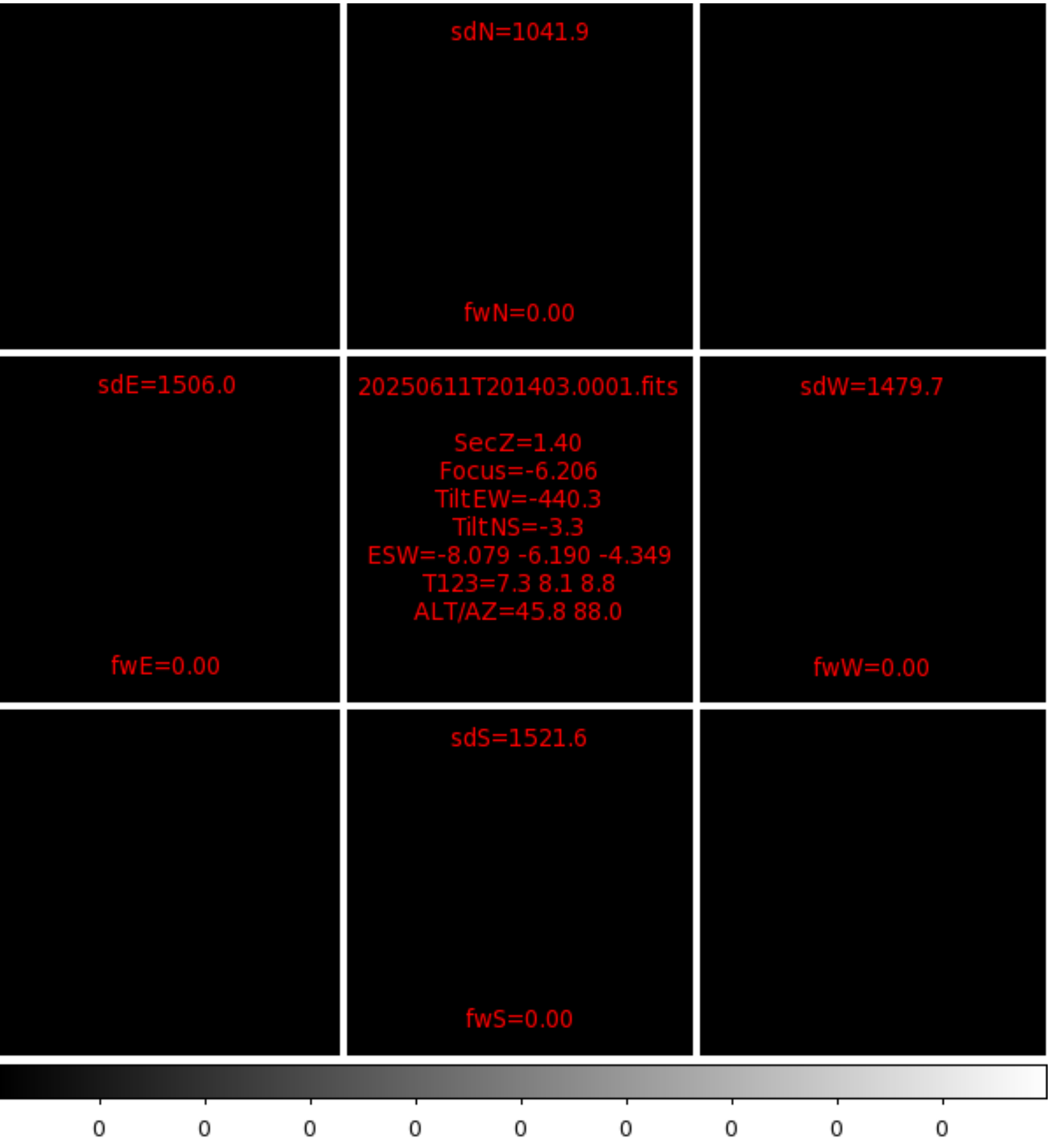
sdN=1041.9
fwN=0.00
sdE=1506.0
fwE=0.00
20250611T201403.0001.fits
SecZ=1.40
Focus=-6.206
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.079 -6.190 -4.349
T123=7.3 8.1 8.8
ALT/AZ=45.8 88.0
sdW=1479.7
fwW=0.00
sdS=1521.6
fwS=0.00
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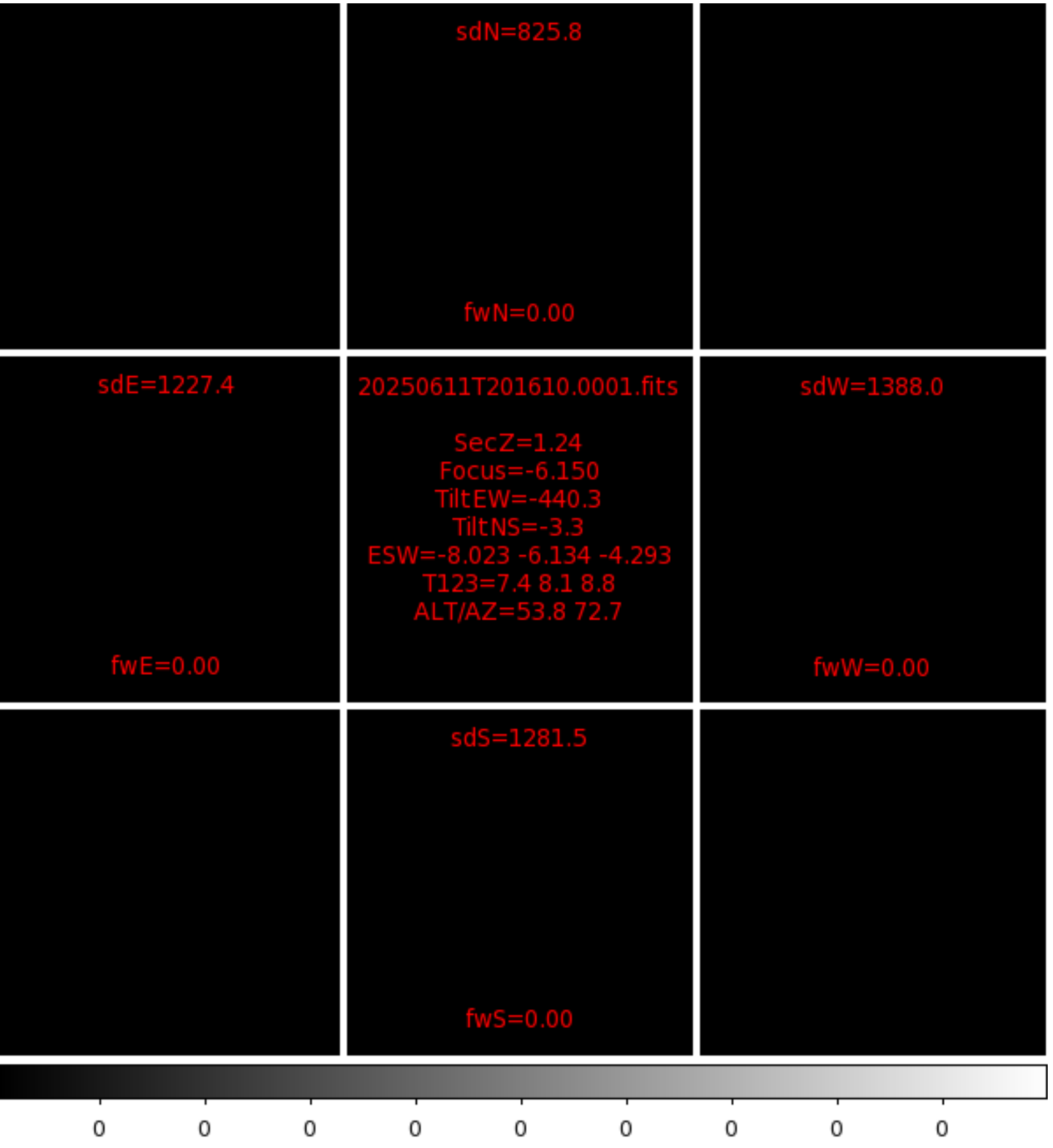
sdN=825.8
fwN=0.00
sdE=1227.4
fwE=0.00
20250611T201610.0001.fits
SecZ=1.24
Focus=-6.150
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.023 -6.134 -4.293
T123=7.4 8.1 8.8
ALT/AZ=53.8 72.7
sdW=1388.0
fwW=0.00
sdS=1281.5
fwS=0.00
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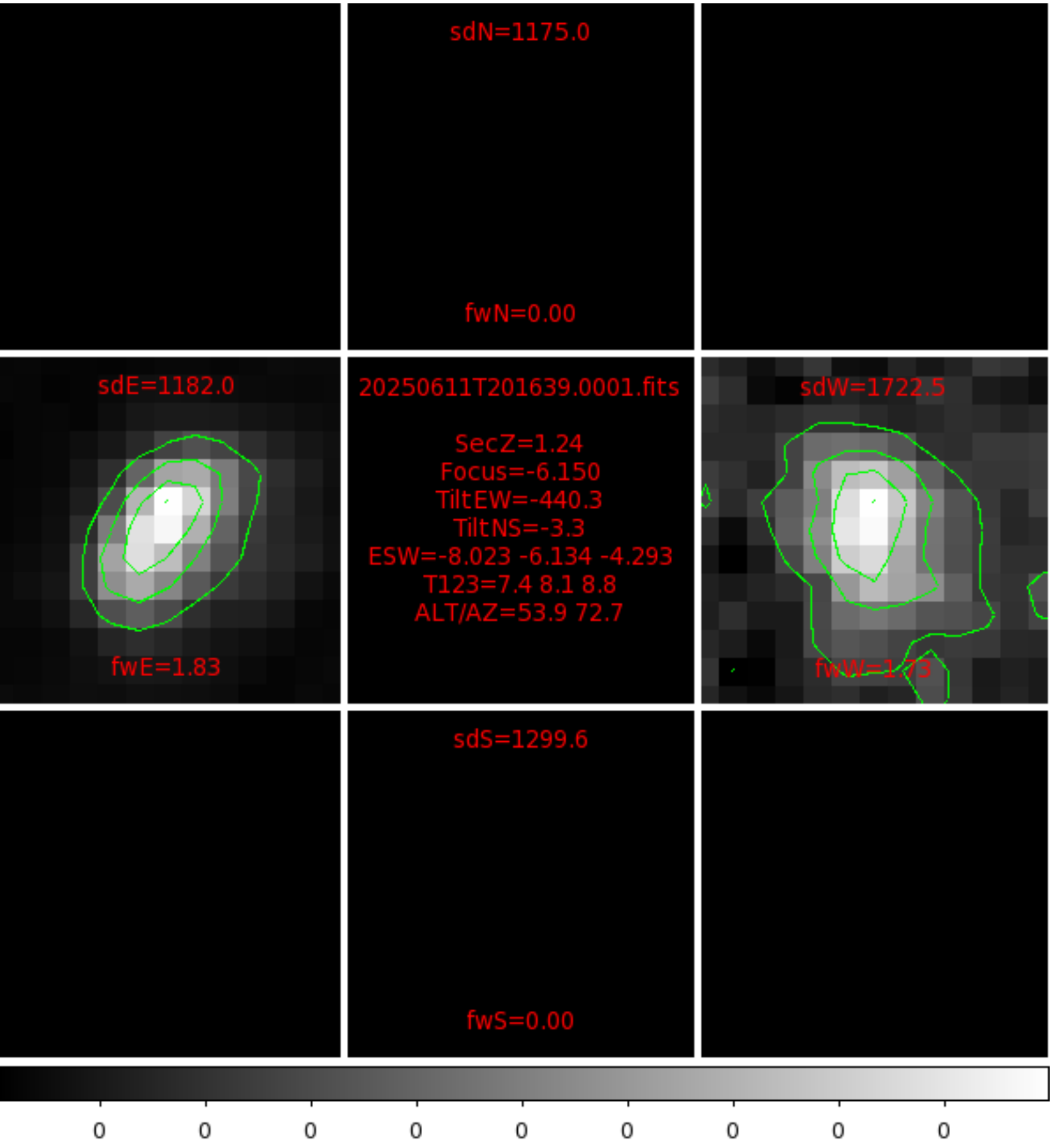
sdN=1175.0
fwN=0.00
sdE=1182.0
fwE=1.83
20250611T201639.0001.fits
SecZ=1.24
Focus=-6.150
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.023 -6.134 -4.293
T123=7.4 8.1 8.8
ALT/AZ=53.9 72.7
sdW=1722.5
fwW=1.73
sdS=1299.6
fwS=0.00
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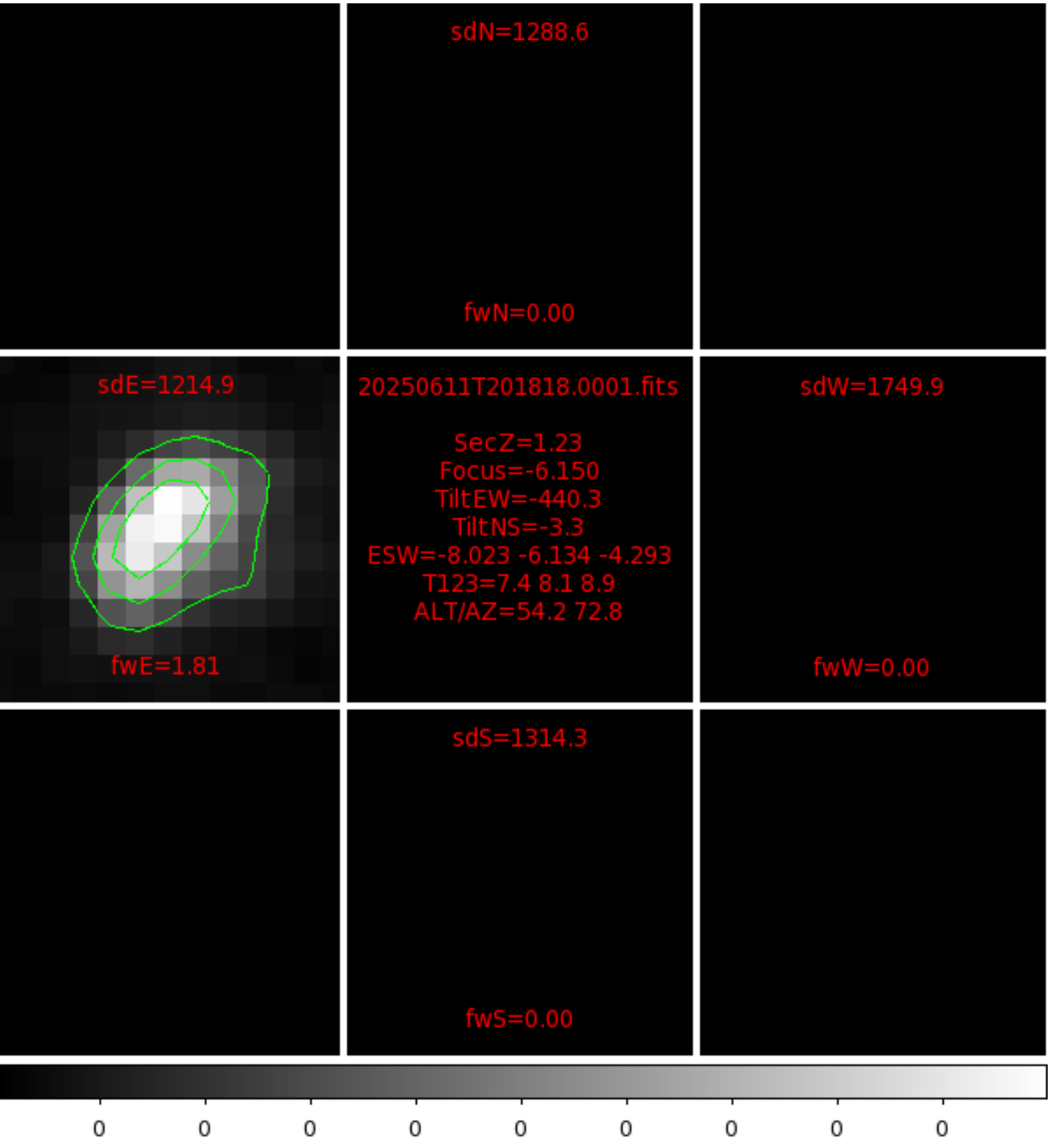
sdN=1288.6
fwN=0.00
sdE=1214.9
fwE=1.81
20250611T201818.0001.fits
SecZ=1.23
Focus=-6.150
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.023 -6.134 -4.293
T123=7.4 8.1 8.9
ALT/AZ=54.2 72.8
sdW=1749.9
fwW=0.00
sdS=1314.3
fwS=0.00
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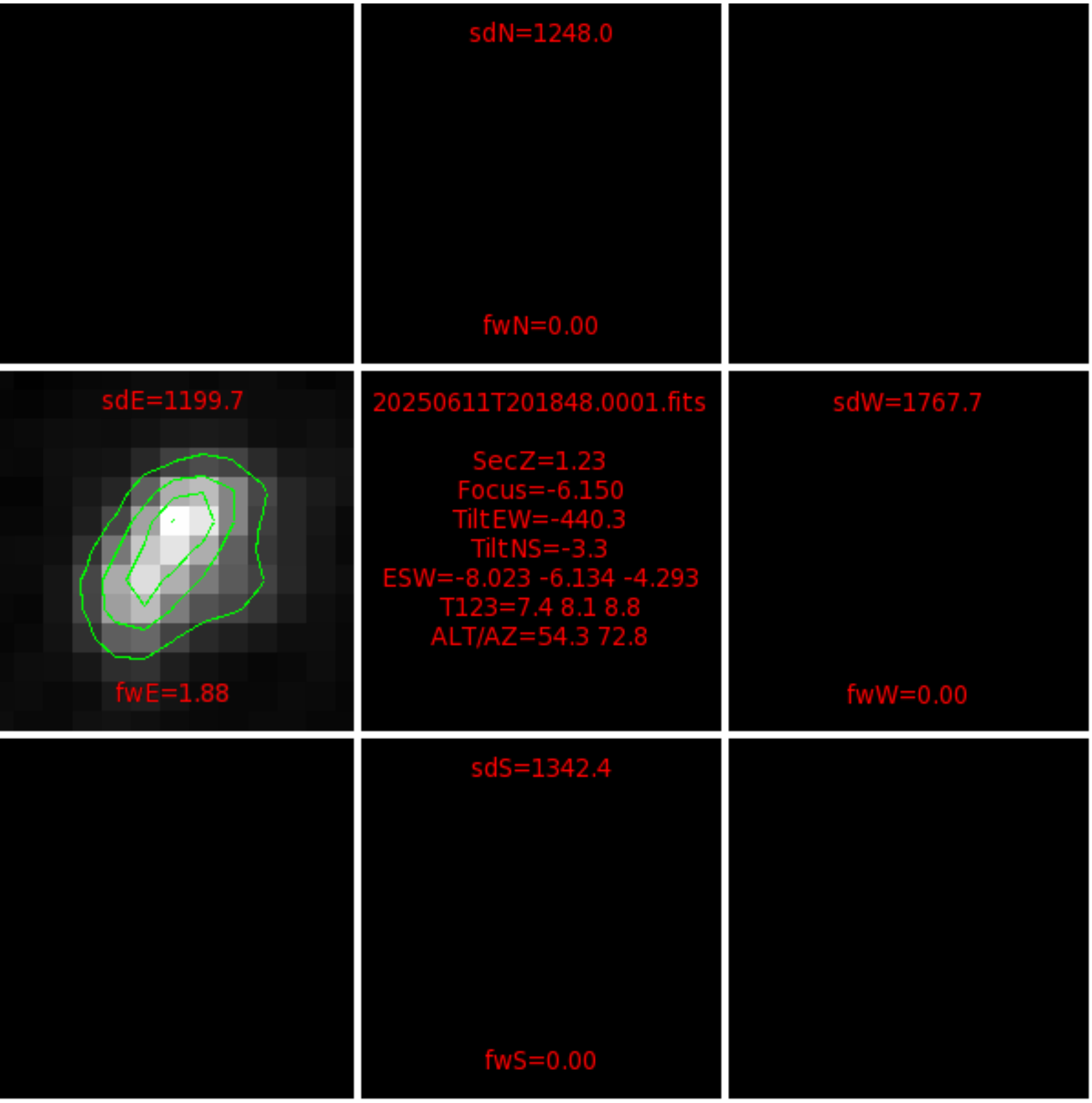
sdN=1248.0
fwN=0.00
sdE=1199.7
fwE=1.88
20250611T201848.0001.fits
SecZ=1.23
Focus=-6.150
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.023 -6.134 -4.293
T123=7.4 8.1 8.8
ALT/AZ=54.3 72.8
sdW=1767.7
fwW=0.00
sdS=1342.4
fwS=0.00
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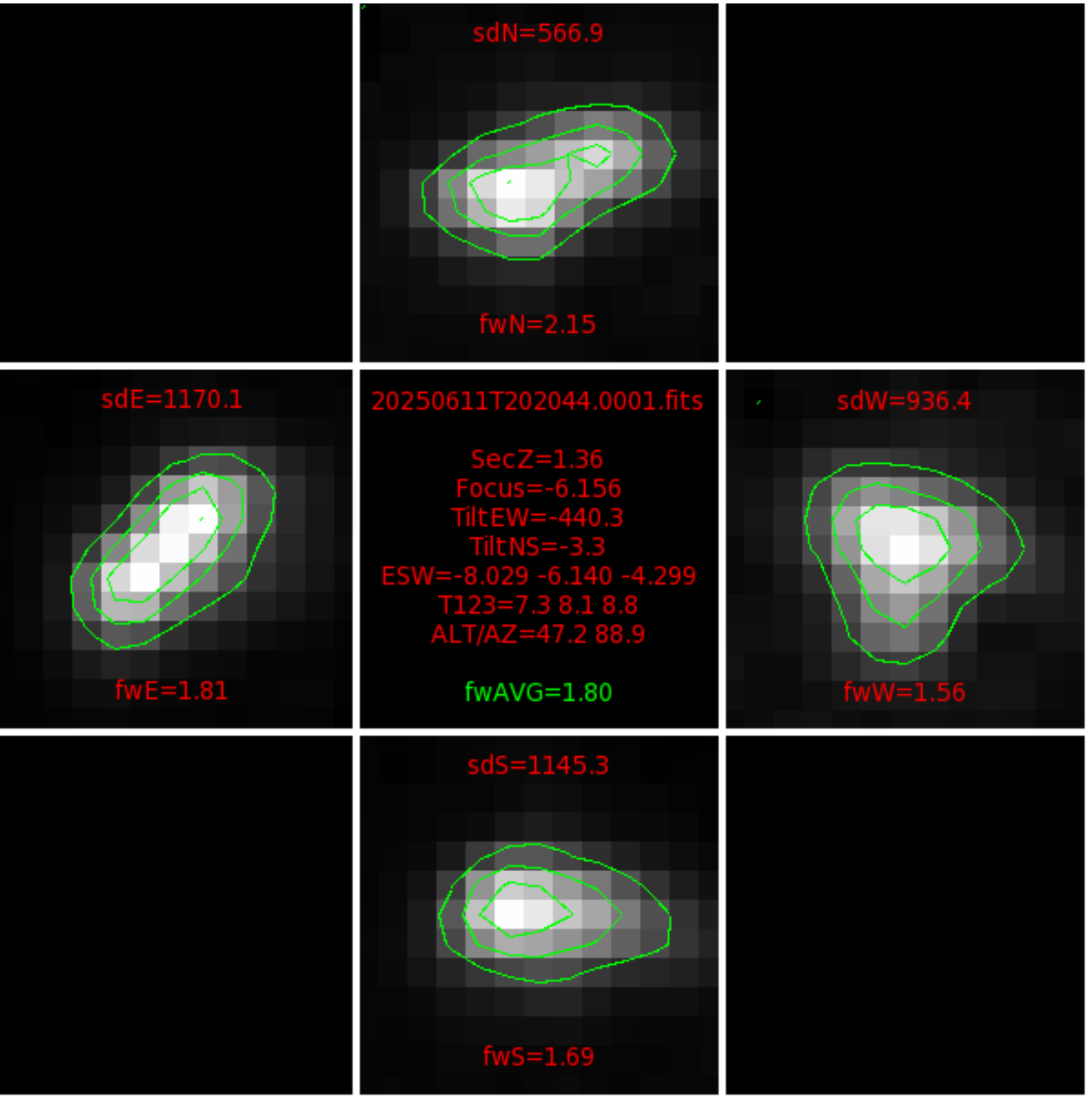
sdN=566.9
fwN=2.15
sdE=1170.1
fwE=1.81
20250611T202044.0001.fits
SecZ=1.36
Focus=-6.156
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.029 -6.140 -4.299
T123=7.3 8.1 8.8
ALT/AZ=47.2 88.9
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sdW=936.4
fwW=1.56
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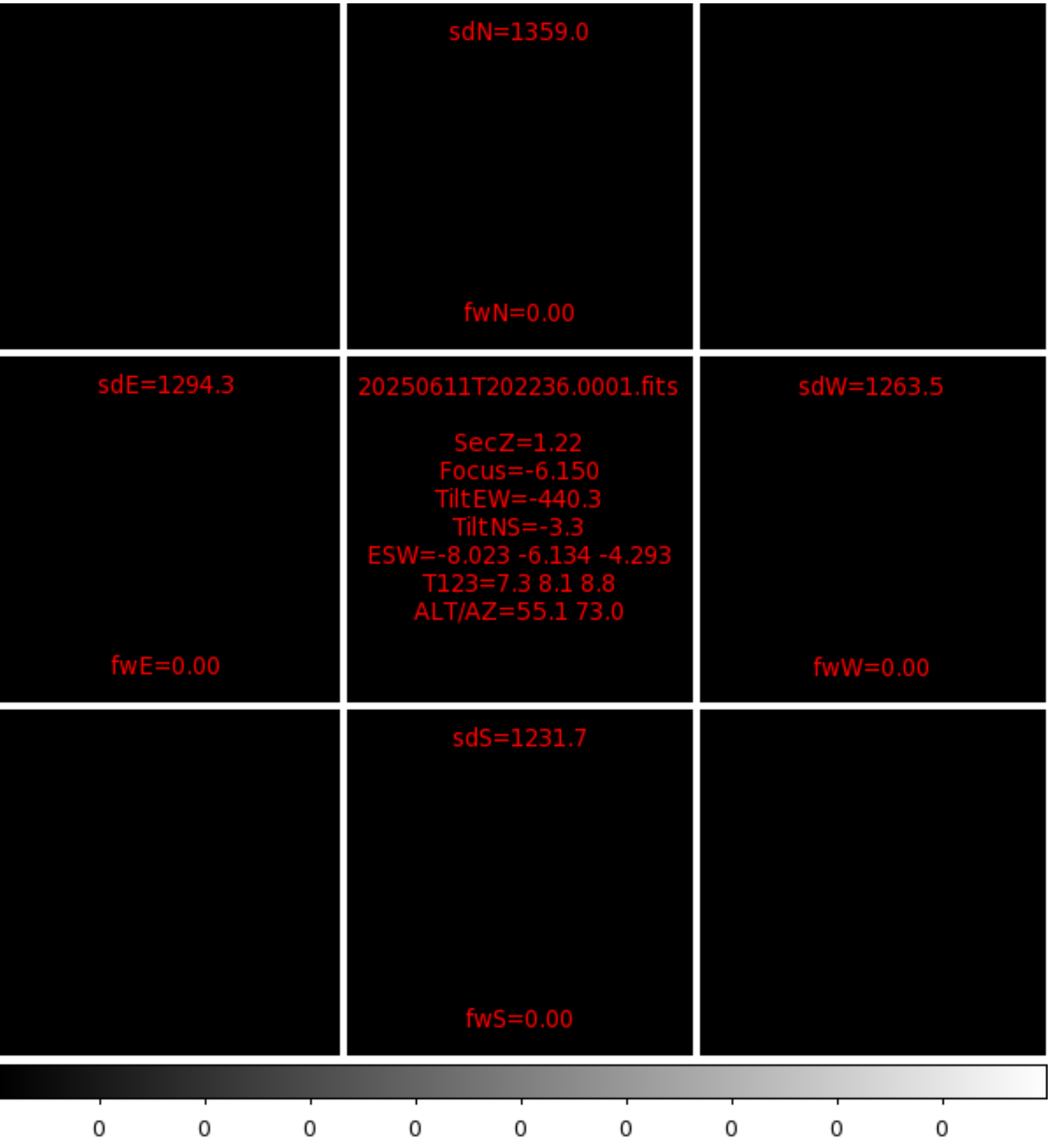
sdN=1359.0
fwN=0.00
sdE=1294.3
fwE=0.00
20250611T202236.0001.fits
SecZ=1.22
Focus=-6.150
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.023 -6.134 -4.293
T123=7.3 8.1 8.8
ALT/AZ=55.1 73.0
sdW=1263.5
fwW=0.00
sdS=1231.7
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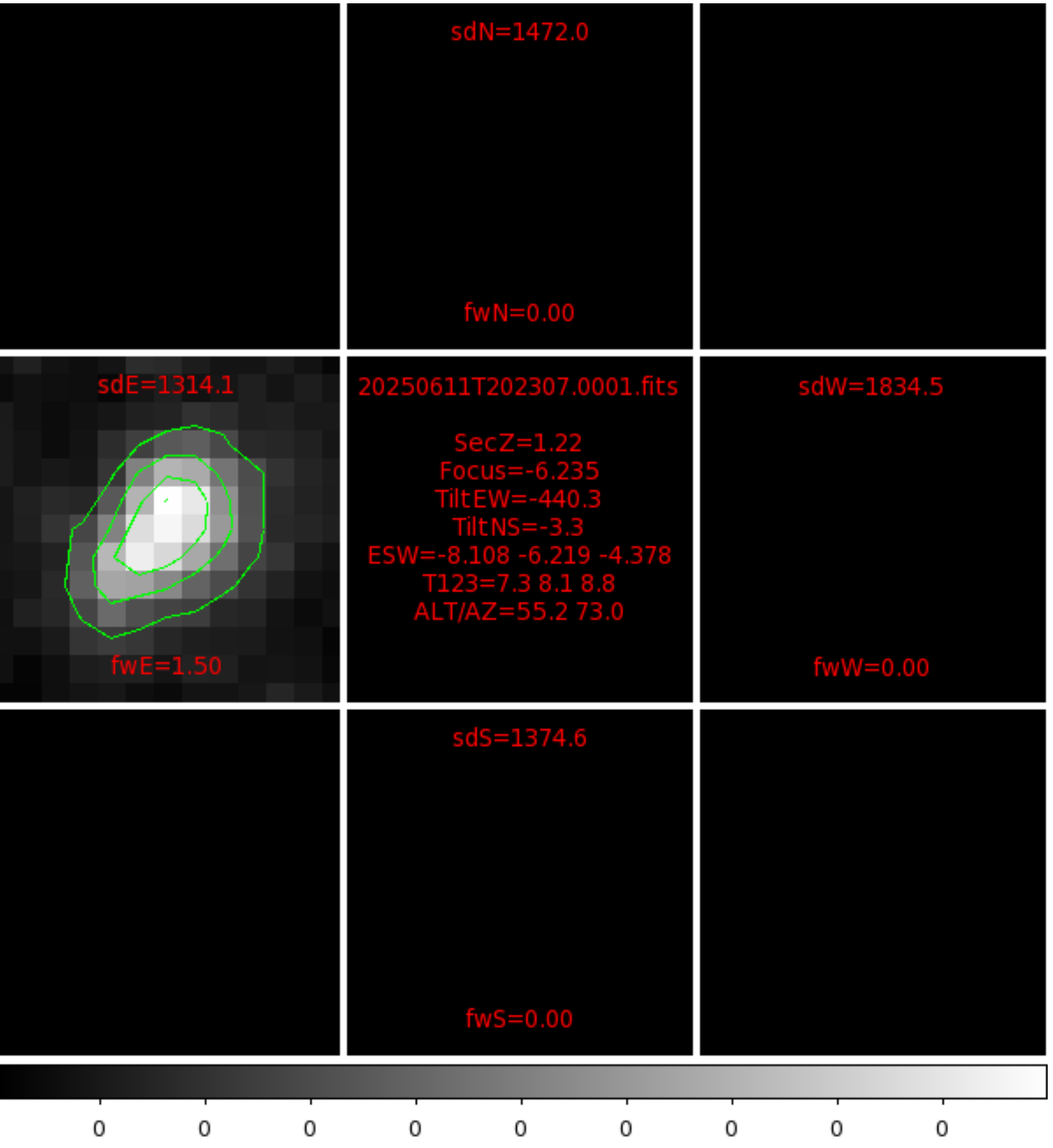
sdN=1472.0
fwN=0.00
sdE=1314.1
fwE=1.50
20250611T202307.0001.fits
SecZ=1.22
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.1 8.8
ALT/AZ=55.2 73.0
sdW=1834.5
fwW=0.00
sdS=1374.6
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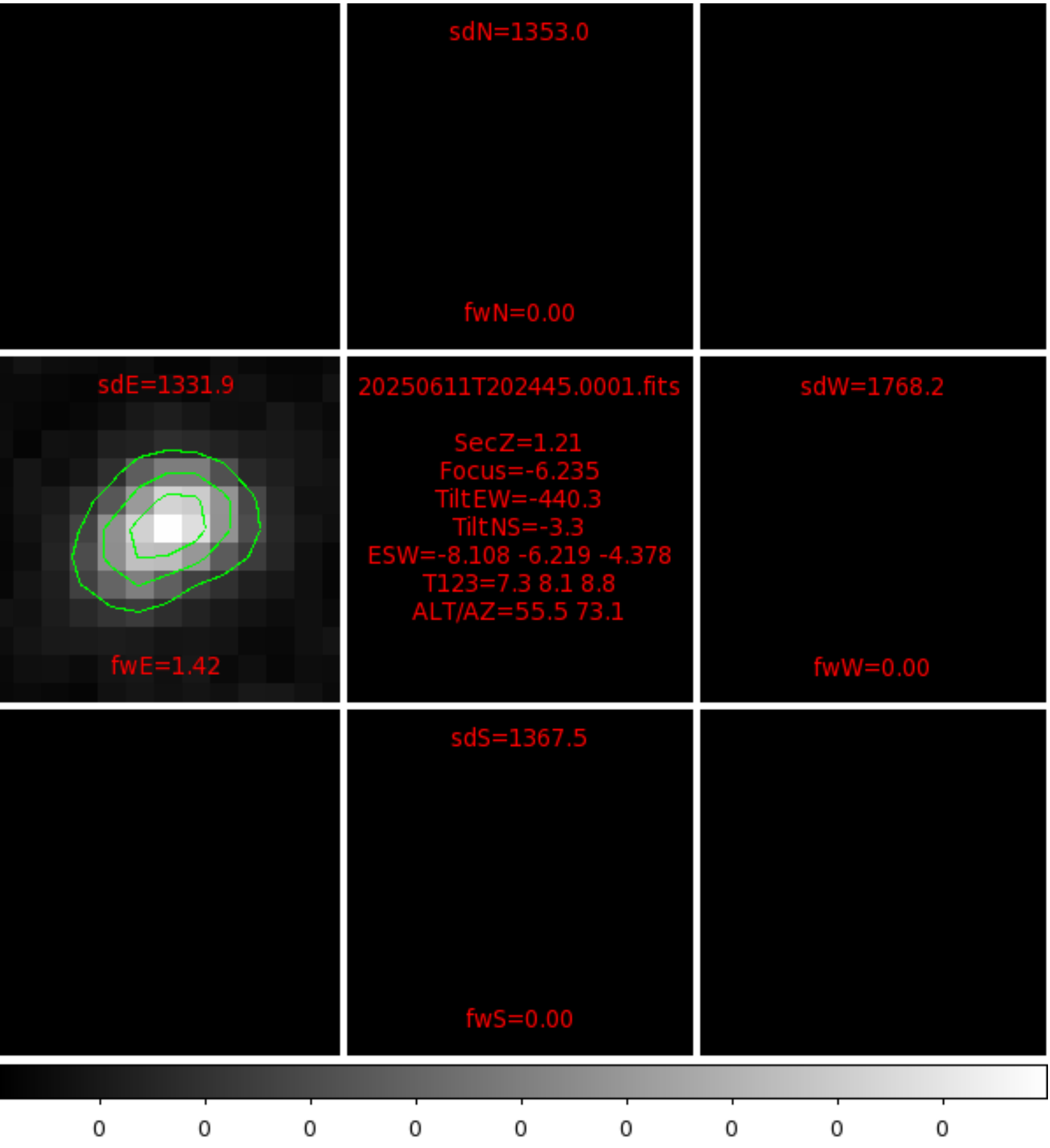
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fwN=0.00
sdE=1331.9
fwE=1.42
20250611T202445.0001.fits
SecZ=1.21
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.1 8.8
ALT/AZ=55.5 73.1
sdW=1768.2
fwW=0.00
sdS=1367.5
fwS=0.00
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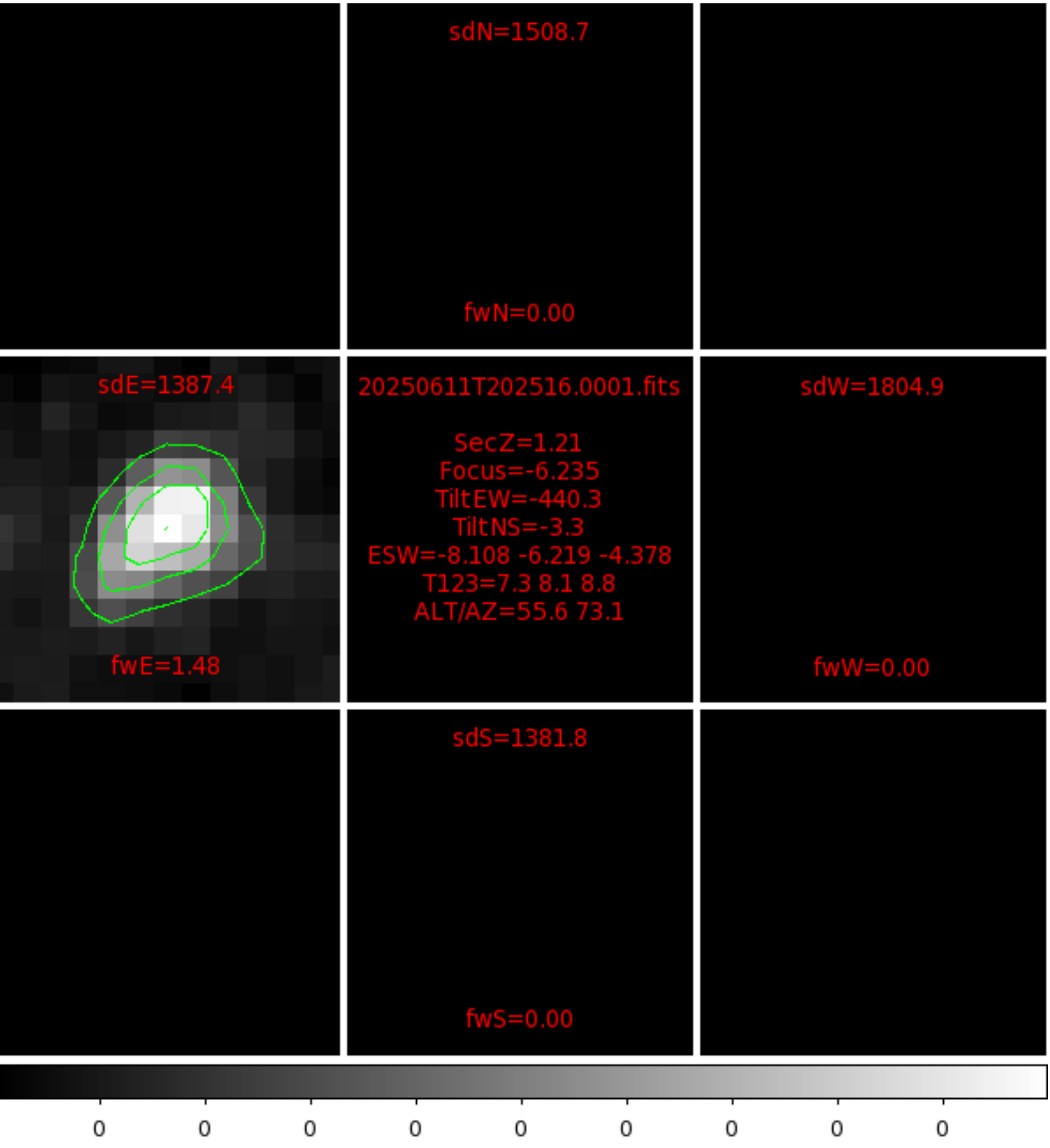
sdN=1508.7
fwN=0.00
sdE=1387.4
fwE=1.48
20250611T202516.0001.fits
SecZ=1.21
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.1 8.8
ALT/AZ=55.6 73.1
sdW=1804.9
fwW=0.00
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fwS=0.00
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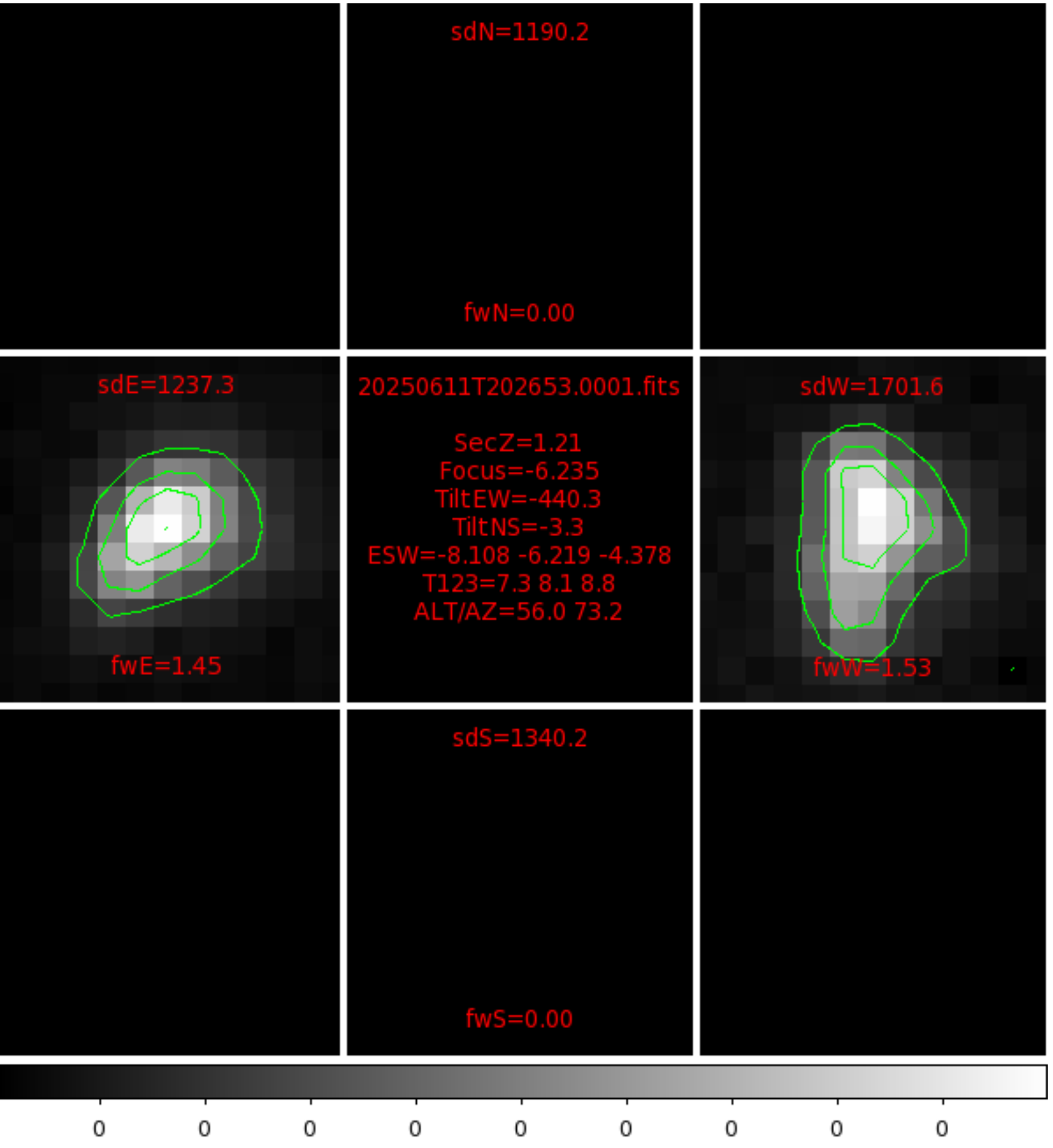
sdN=1190.2
fwN=0.00
sdE=1237.3
20250611T202653.0001.fits
SecZ=1.21
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.1 8.8
ALT/AZ=56.0 73.2
sdW=1701.6
fwE=1.45
fwW=1.53
sdS=1340.2
fwS=0.00
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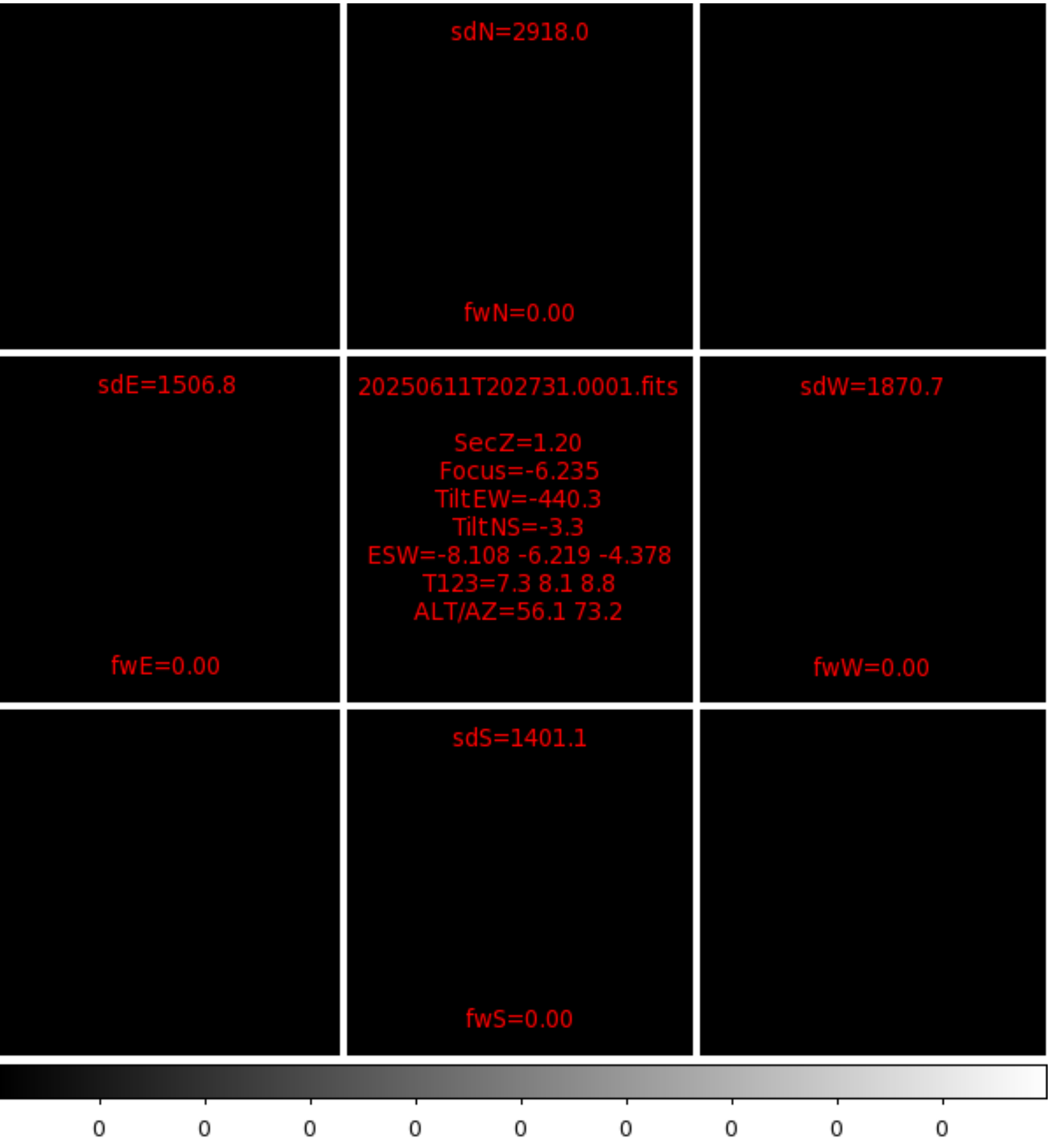
sdN=2918.0
fwN=0.00
sdE=1506.8
fwE=0.00
20250611T202731.0001.fits
SecZ=1.20
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.1 8.8
ALT/AZ=56.1 73.2
sdW=1870.7
fwW=0.00
sdS=1401.1
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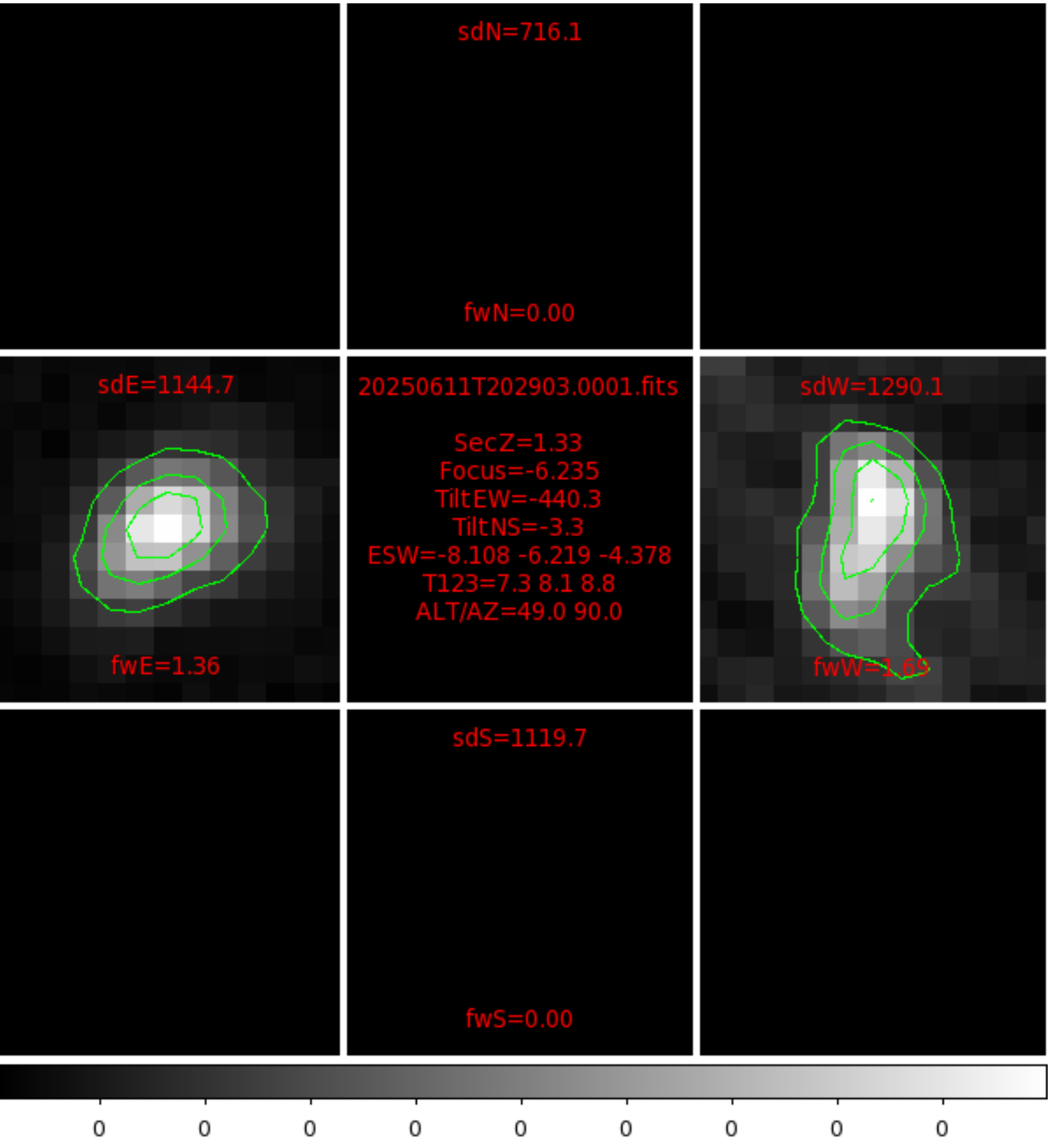
sdN=716.1
fwN=0.00
sdE=1144.7
fwE=1.36
20250611T202903.0001.fits
SecZ=1.33
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.1 8.8
ALT/AZ=49.0 90.0
sdW=1290.1
fwW=1.69
sdS=1119.7
fwS=0.00
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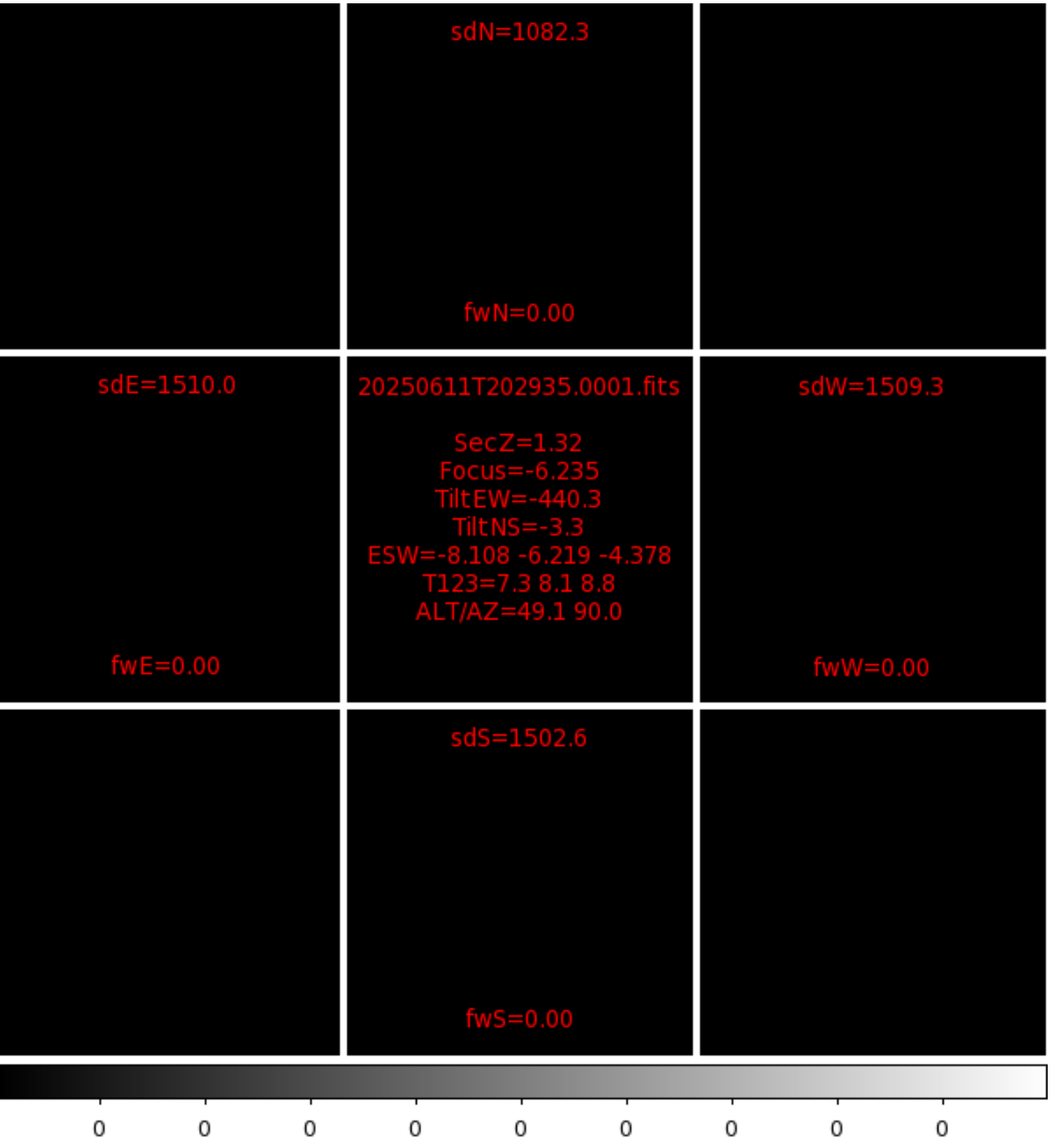
sdN=1082.3
fwN=0.00
sdE=1510.0
fwE=0.00
20250611T202935.0001.fits
SecZ=1.32
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.1 8.8
ALT/AZ=49.1 90.0
sdW=1509.3
fwW=0.00
sdS=1502.6
fwS=0.00
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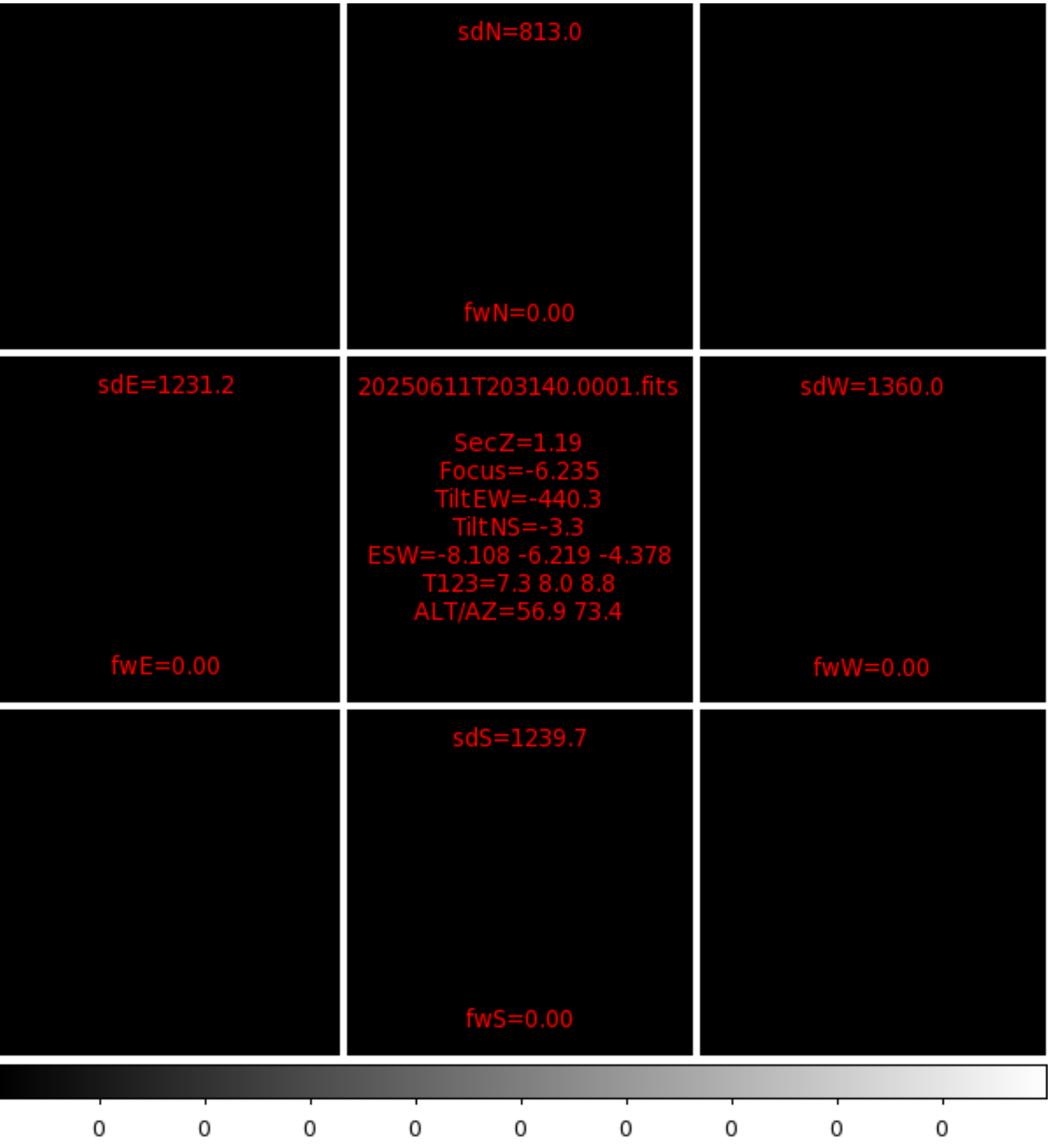
sdN=813.0
fwN=0.00
sdE=1231.2
fwE=0.00
20250611T203140.0001.fits
SecZ=1.19
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.0 8.8
ALT/AZ=56.9 73.4
sdW=1360.0
fwW=0.00
sdS=1239.7
fwS=0.00
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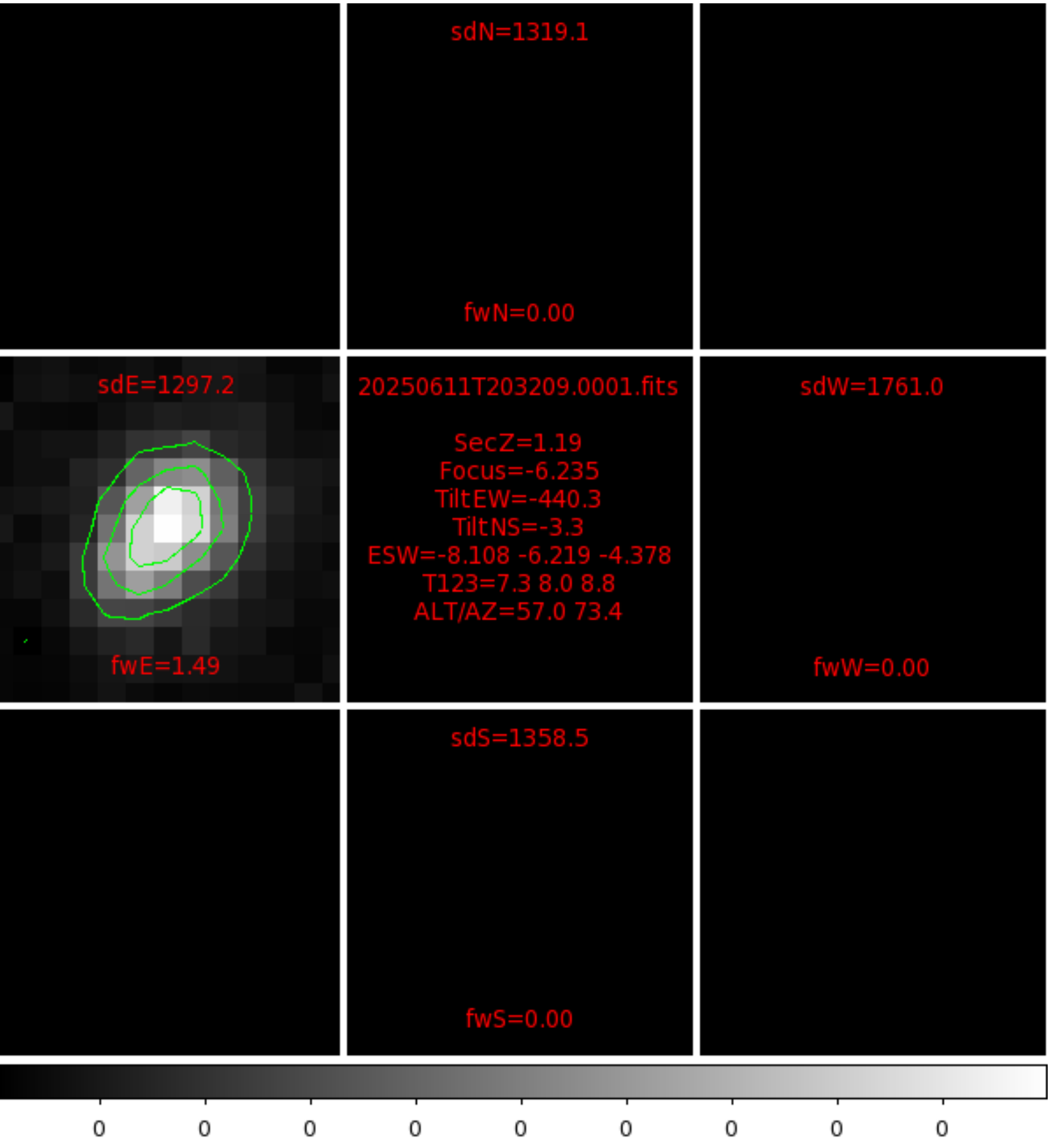
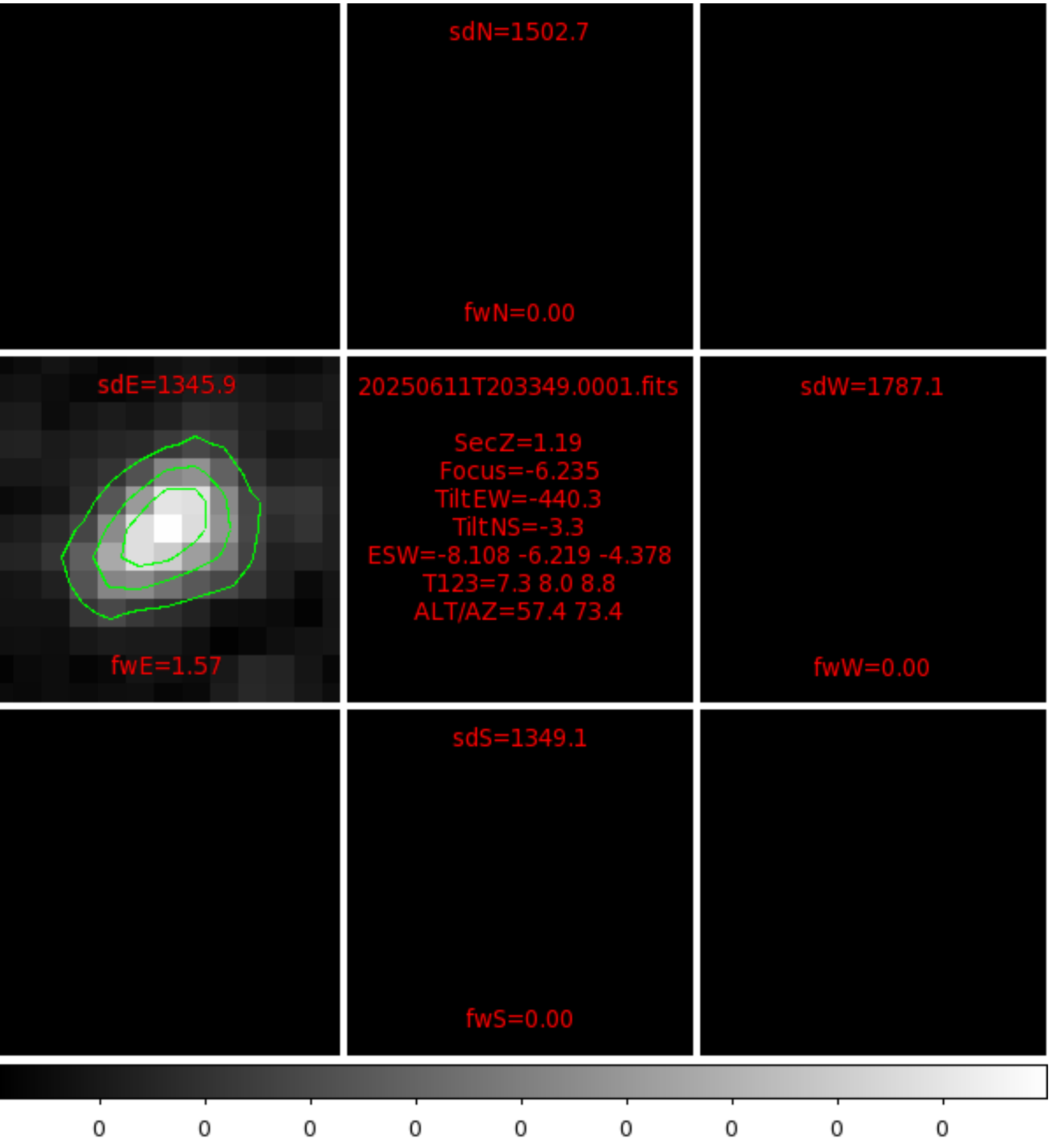
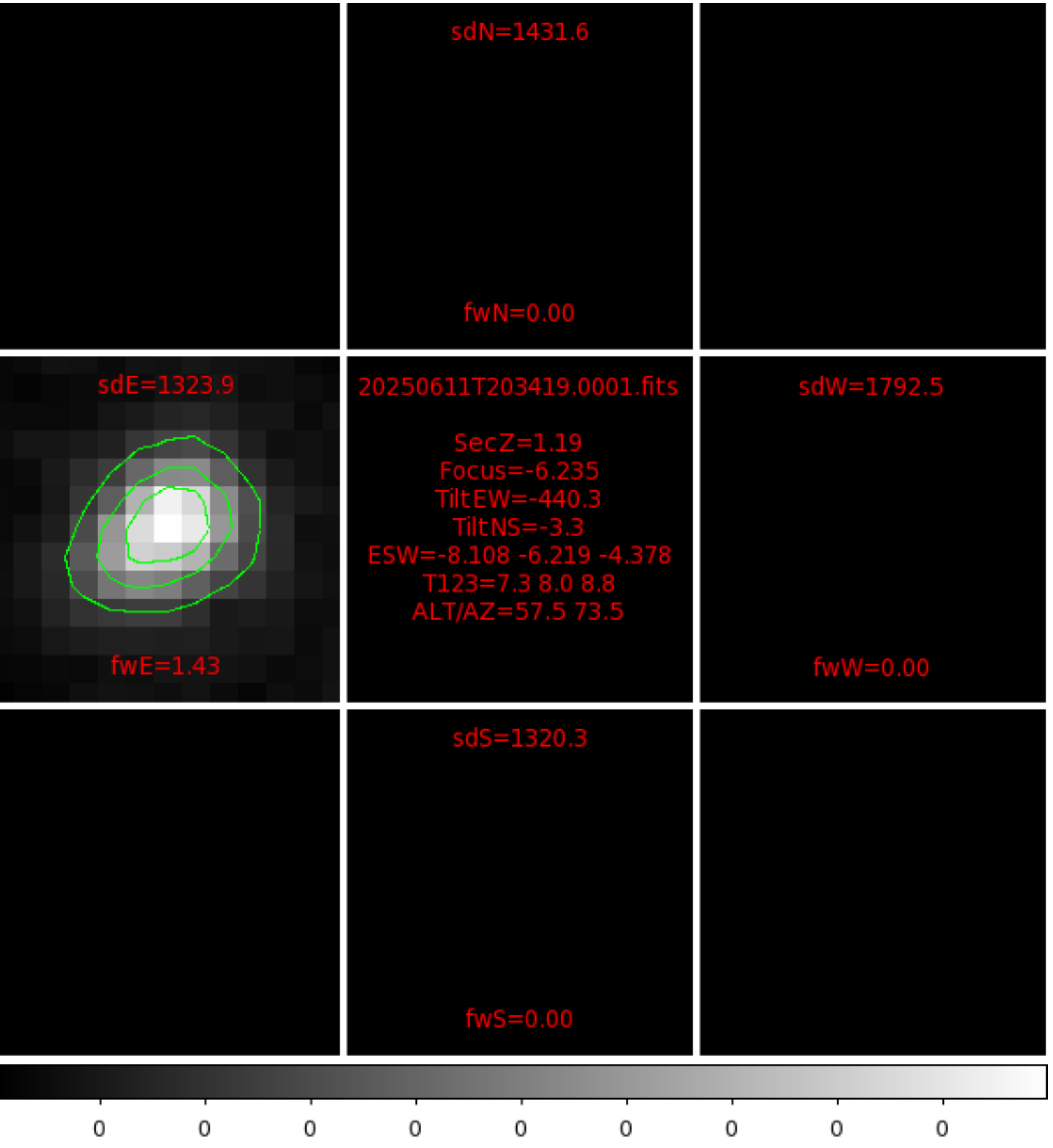

sdN=1319.1
fwN=0.00
sdE=1297.2
fwE=1.49
20250611T203209.0001.fits
SecZ=1.19
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.0 8.8
ALT/AZ=57.0 73.4
sdW=1761.0
fwW=0.00
sdS=1358.5
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=1502.7
fwN=0.00
sdE=1345.9
fwE=1.57
20250611T203349.0001.fits
SecZ=1.19
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.0 8.8
ALT/AZ=57.4 73.4
sdW=1787.1
fwW=0.00
sdS=1349.1
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=1431.6
fwN=0.00
sdE=1323.9
fwE=1.43
20250611T203419.0001.fits
SecZ=1.19
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.0 8.8
ALT/AZ=57.5 73.5
sdW=1792.5
fwW=0.00
sdS=1320.3
fwS=0.00
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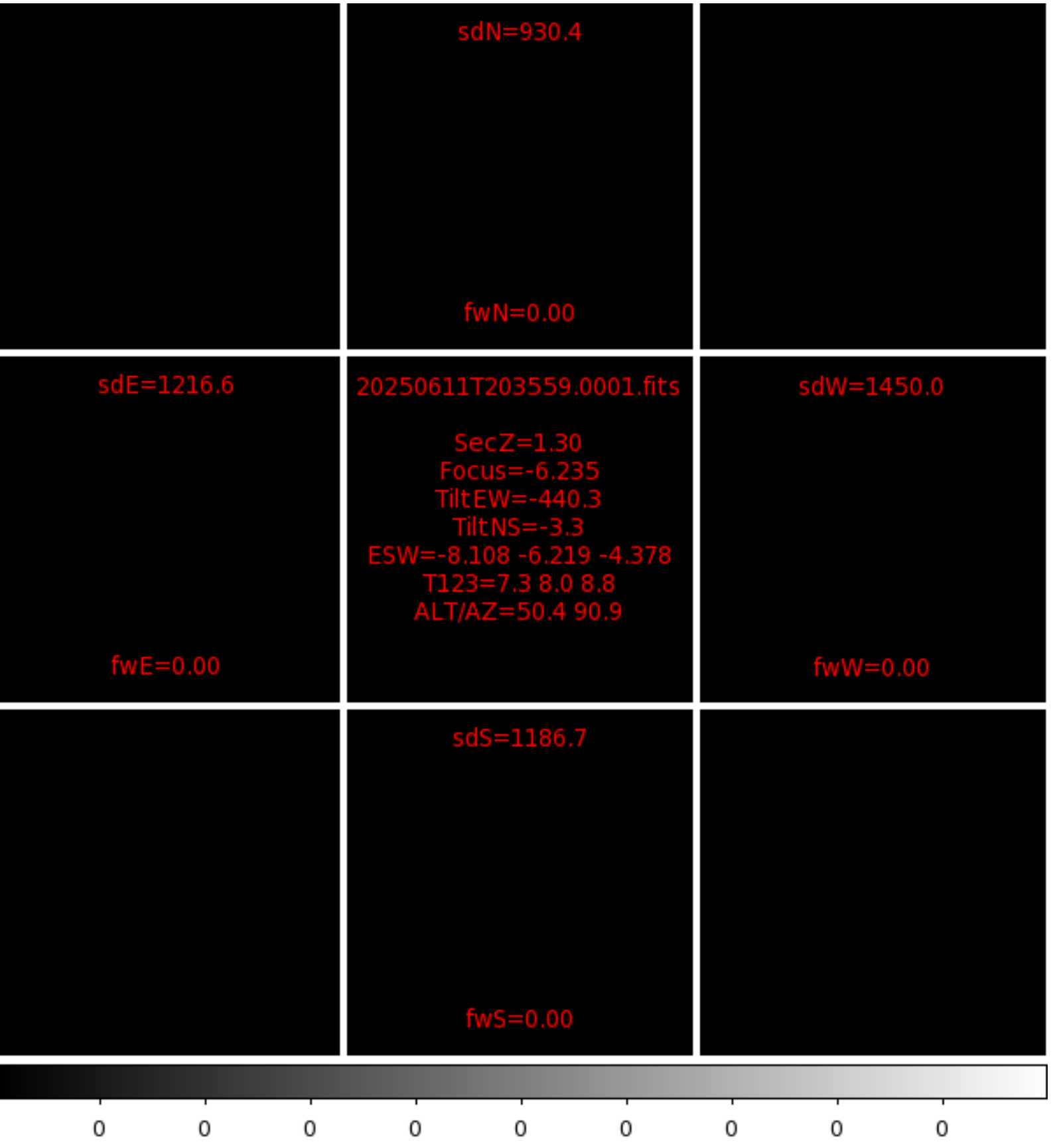
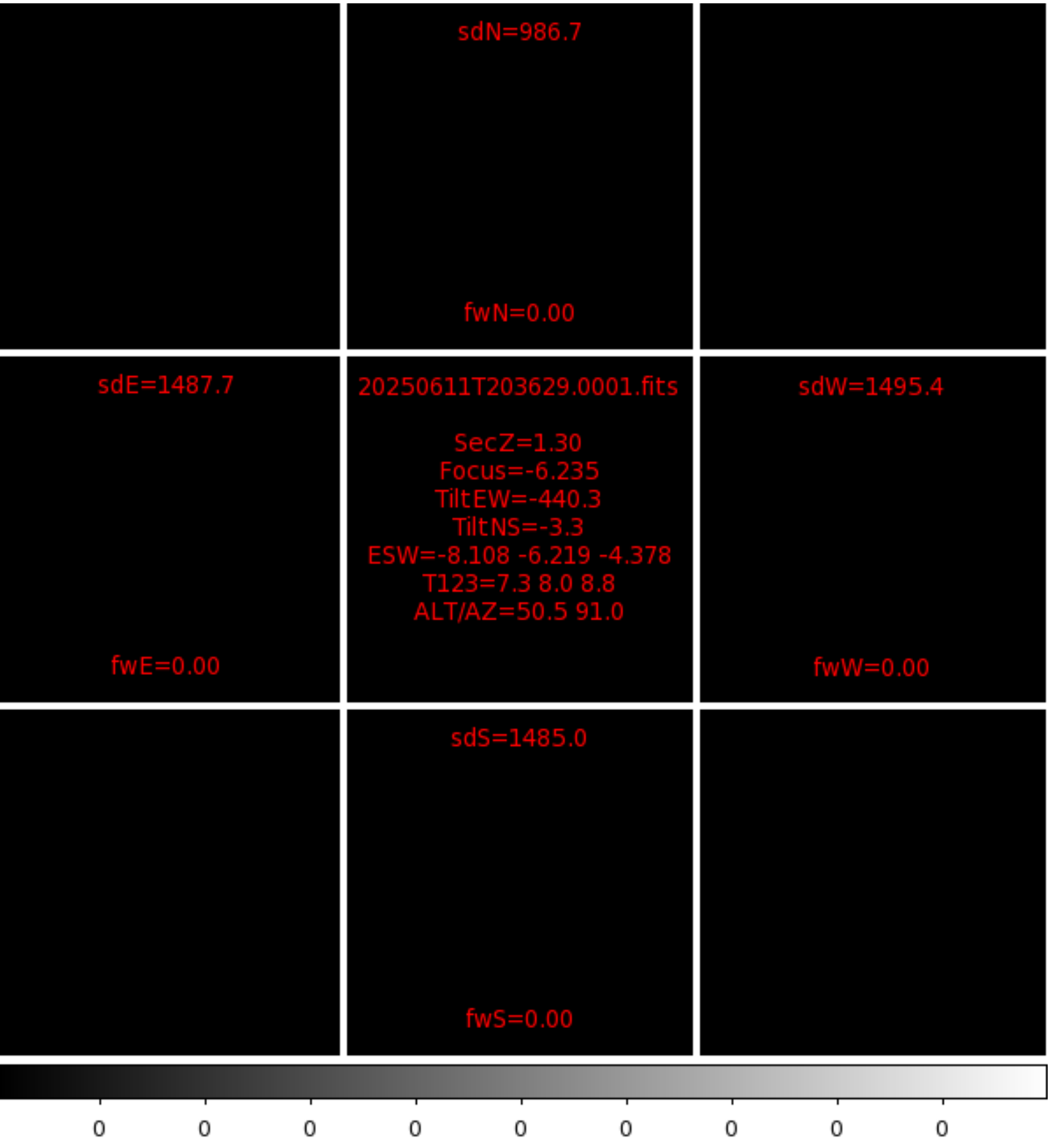

sdN=930.4
fwN=0.00
sdE=1216.6
fwE=0.00
20250611T203559.0001.fits
SecZ=1.30
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.0 8.8
ALT/AZ=50.4 90.9
sdW=1450.0
fwW=0.00
sdS=1186.7
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=986.7
fwN=0.00
sdE=1487.7
fwE=0.00
20250611T203629.0001.fits
SecZ=1.30
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.0 8.8
ALT/AZ=50.5 91.0
sdW=1495.4
fwW=0.00
sdS=1485.0
fwS=0.00
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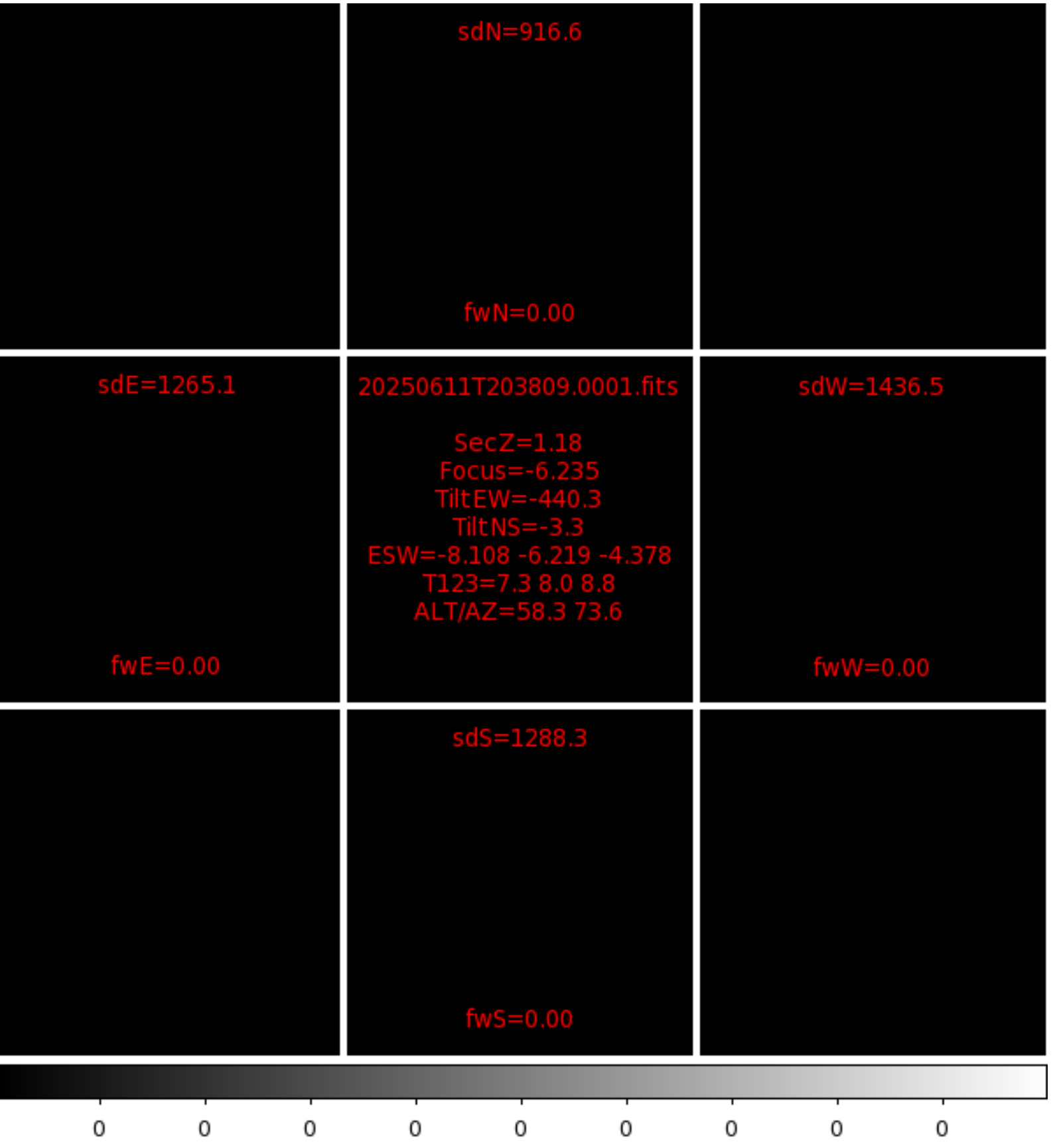
sdN=916.6
fwN=0.00
sdE=1265.1
fwE=0.00
20250611T203809.0001.fits
SecZ=1.18
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.0 8.8
ALT/AZ=58.3 73.6
sdW=1436.5
fwW=0.00
sdS=1288.3
fwS=0.00
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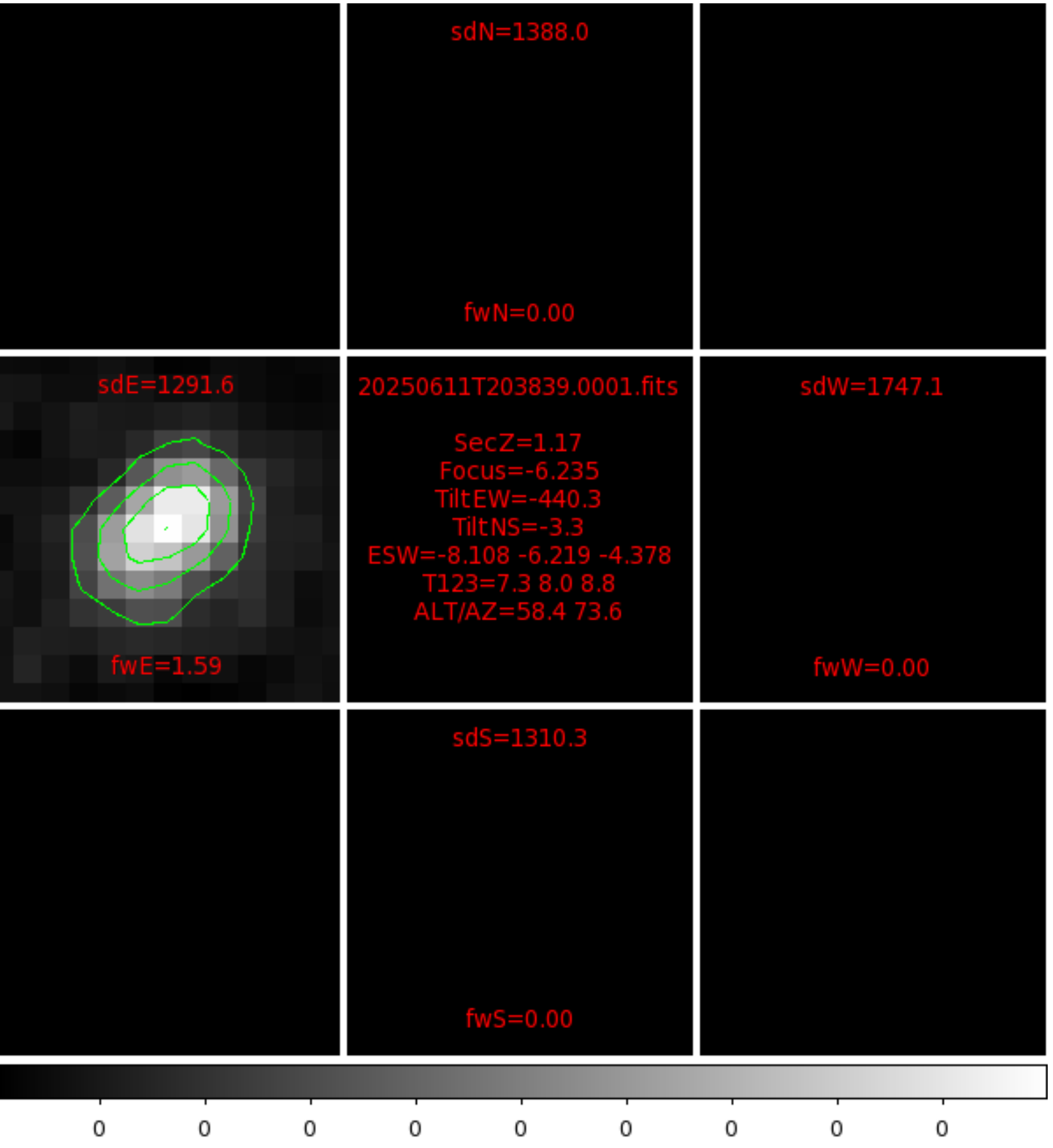
sdN=1388.0
fwN=0.00
sdE=1291.6
fwE=1.59
20250611T203839.0001.fits
SecZ=1.17
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.0 8.8
ALT/AZ=58.4 73.6
sdW=1747.1
fwW=0.00
sdS=1310.3
fwS=0.00
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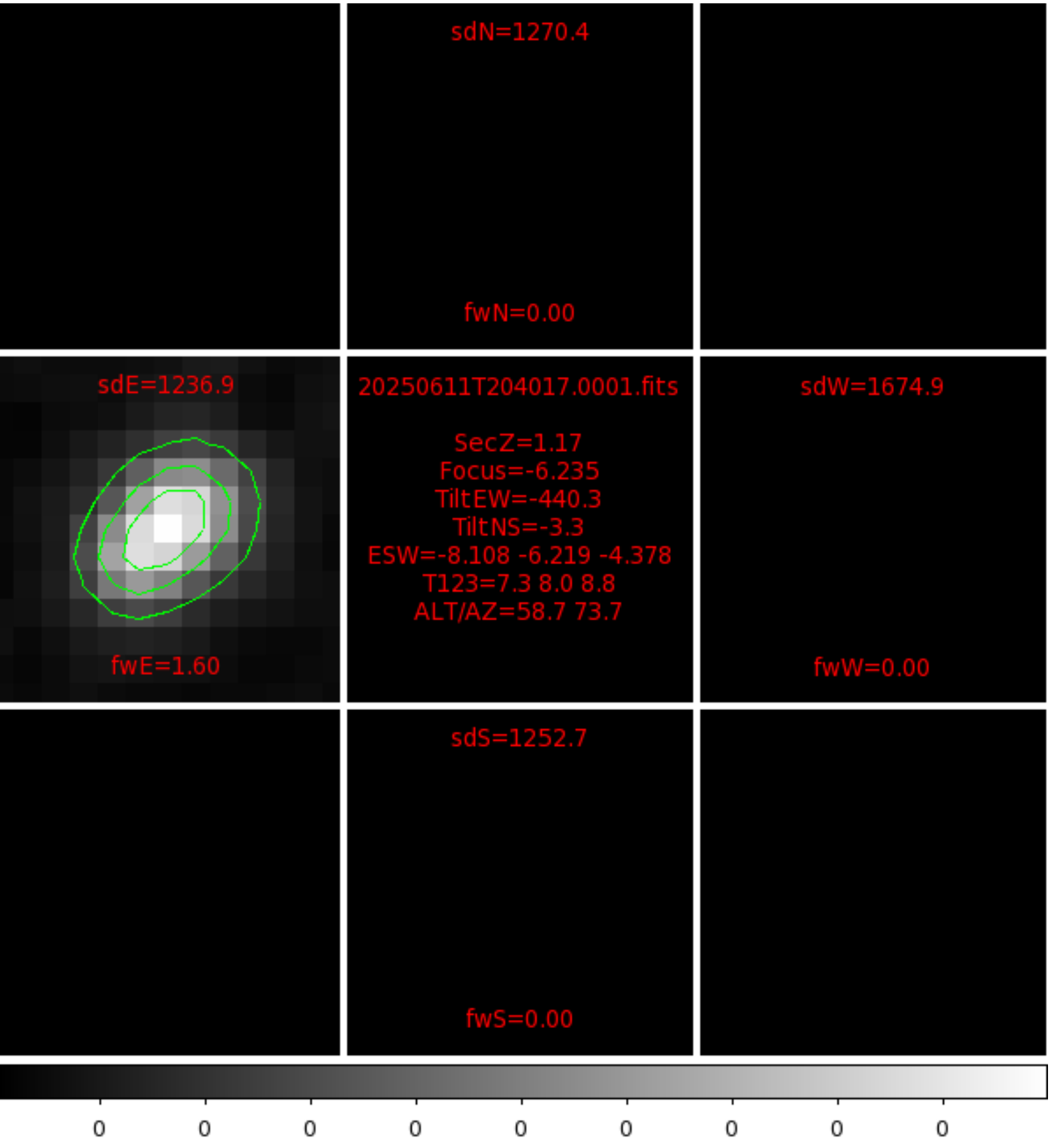
sdN=1270.4
fwN=0.00
sdE=1236.9
fwE=1.60
20250611T204017.0001.fits
SecZ=1.17
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.0 8.8
ALT/AZ=58.7 73.7
sdW=1674.9
fwW=0.00
sdS=1252.7
fwS=0.00
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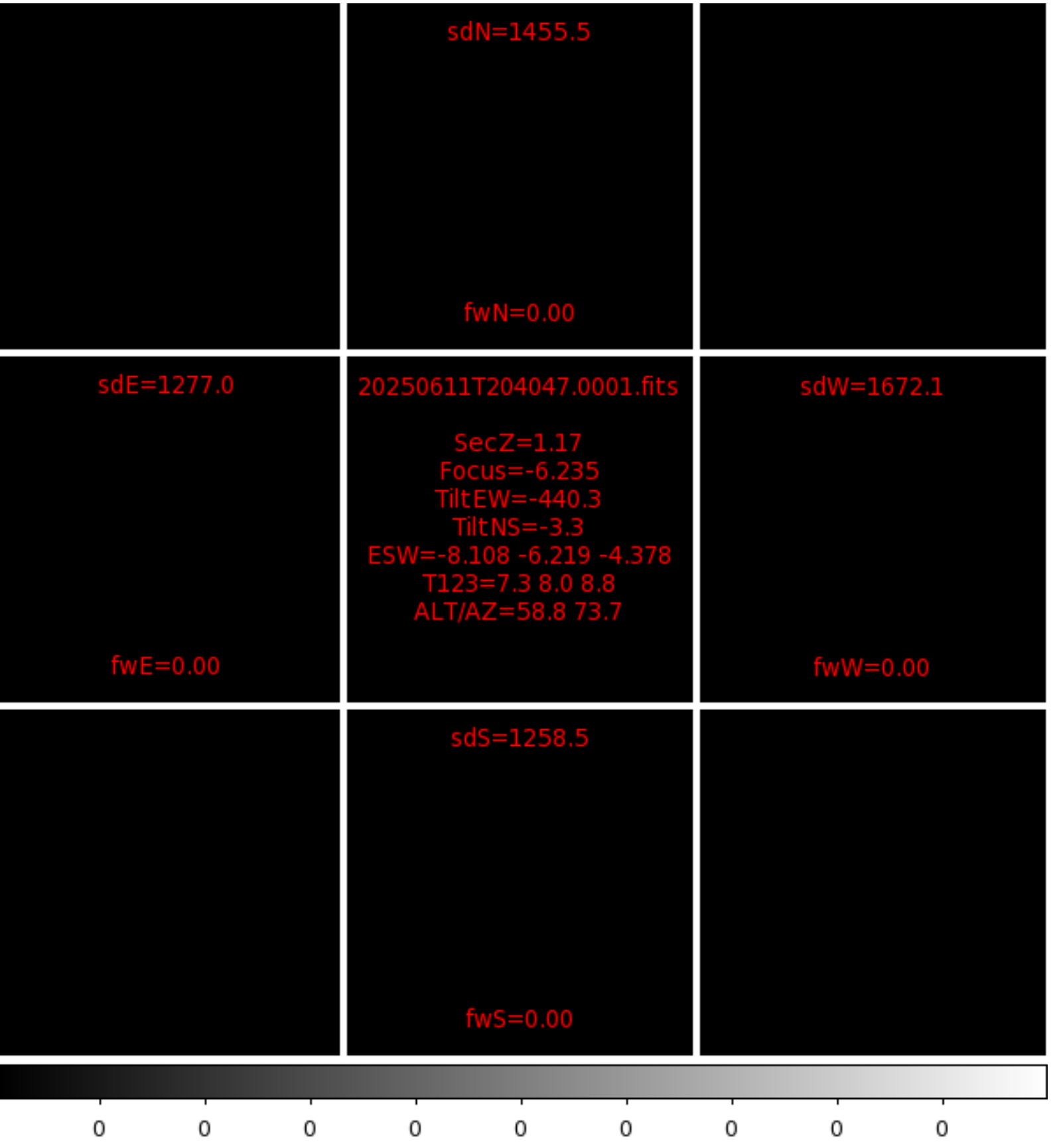
sdN=1455.5
fwN=0.00
sdE=1277.0
fwE=0.00
20250611T204047.0001.fits
SecZ=1.17
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.0 8.8
ALT/AZ=58.8 73.7
sdW=1672.1
fwW=0.00
sdS=1258.5
fwS=0.00
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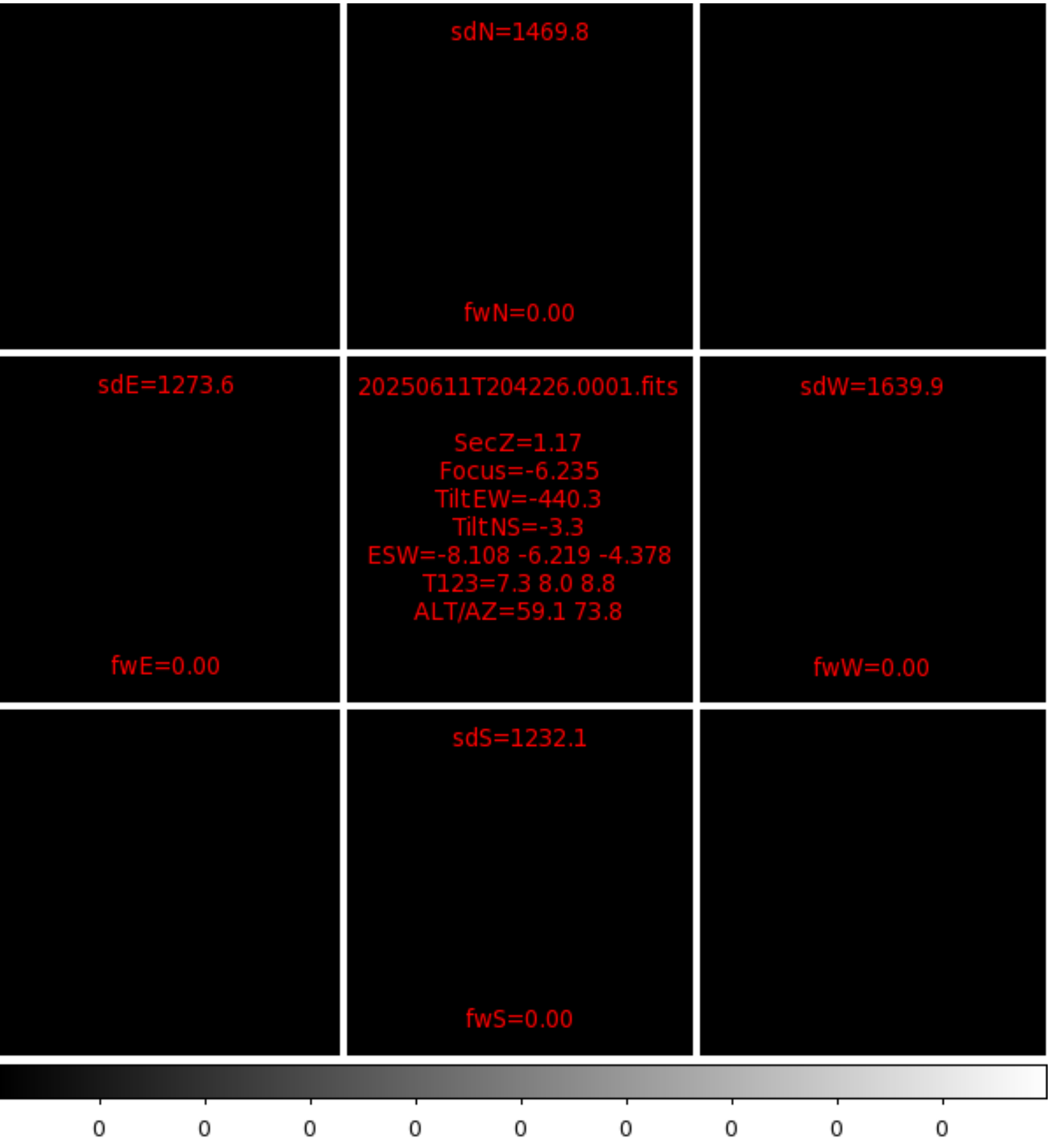
sdN=1469.8
fwN=0.00
sdE=1273.6
fwE=0.00
20250611T204226.0001.fits
SecZ=1.17
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.0 8.8
ALT/AZ=59.1 73.8
sdW=1639.9
fwW=0.00
sdS=1232.1
fwS=0.00
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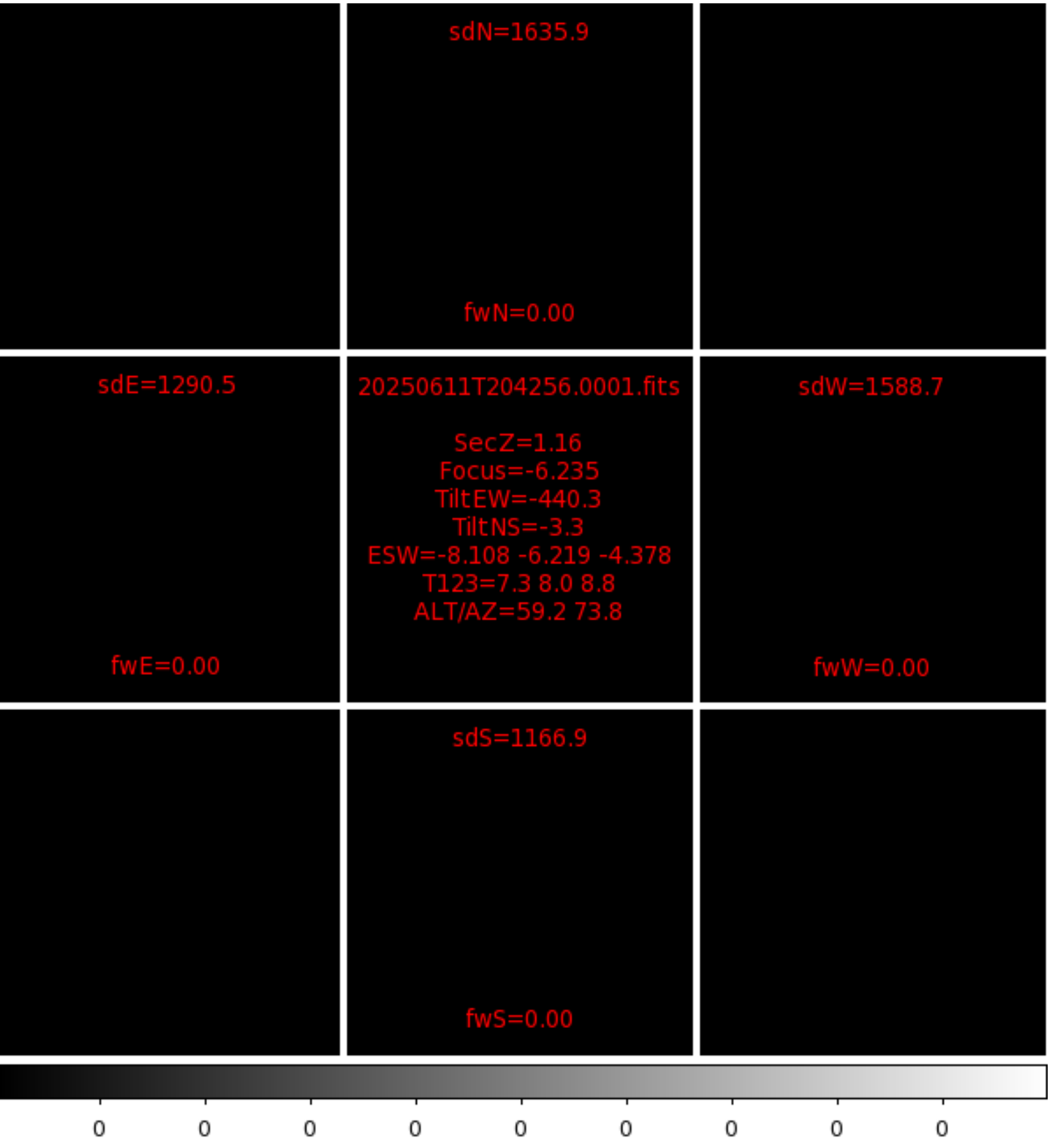
sdN=1635.9
fwN=0.00
sdE=1290.5
fwE=0.00
20250611T204256.0001.fits
SecZ=1.16
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.0 8.8
ALT/AZ=59.2 73.8
sdW=1588.7
fwW=0.00
sdS=1166.9
fwS=0.00
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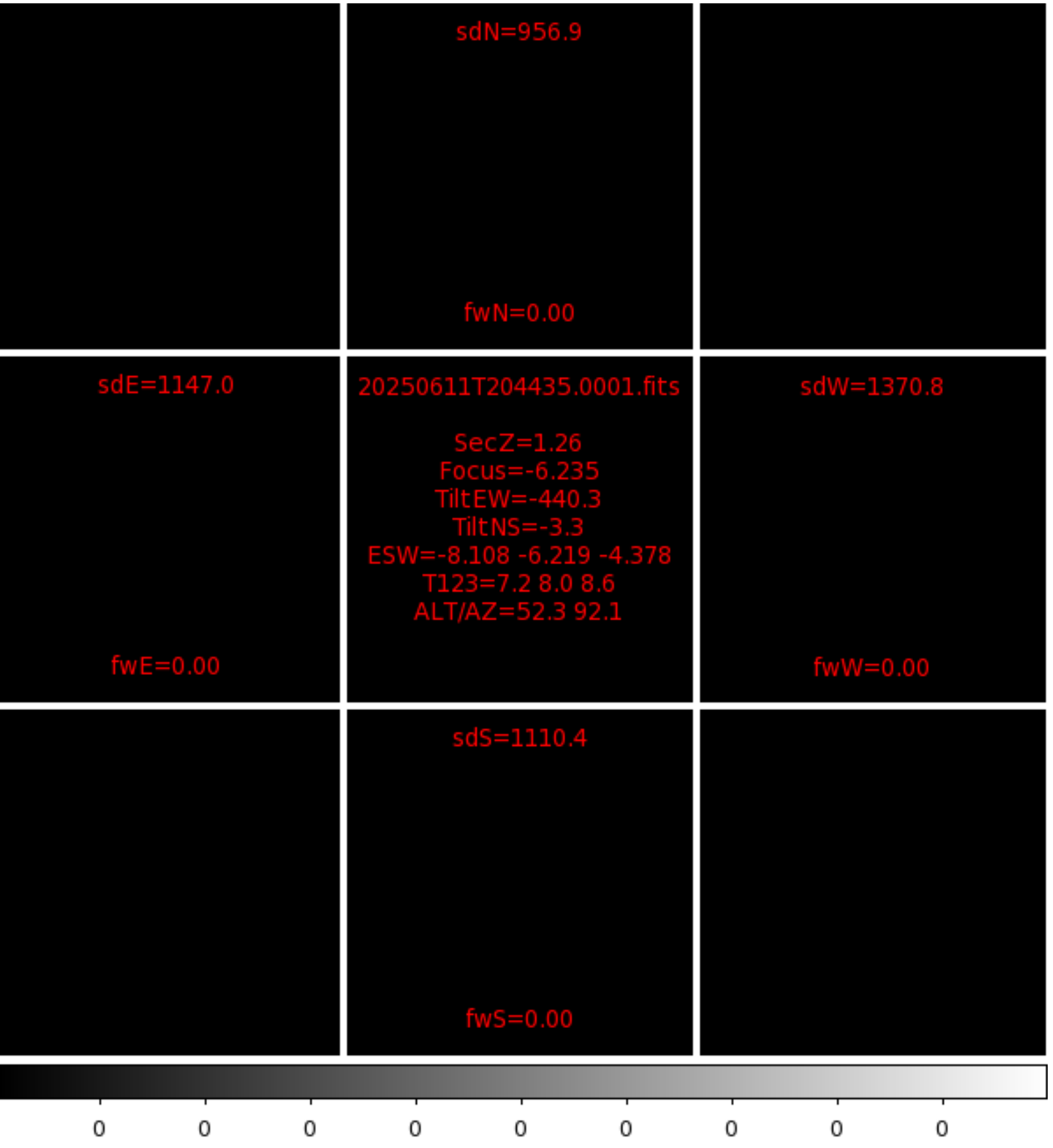
sdN=956.9
fwN=0.00
sdE=1147.0
fwE=0.00
20250611T204435.0001.fits
SecZ=1.26
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.2 8.0 8.6
ALT/AZ=52.3 92.1
sdW=1370.8
fwW=0.00
sdS=1110.4
fwS=0.00
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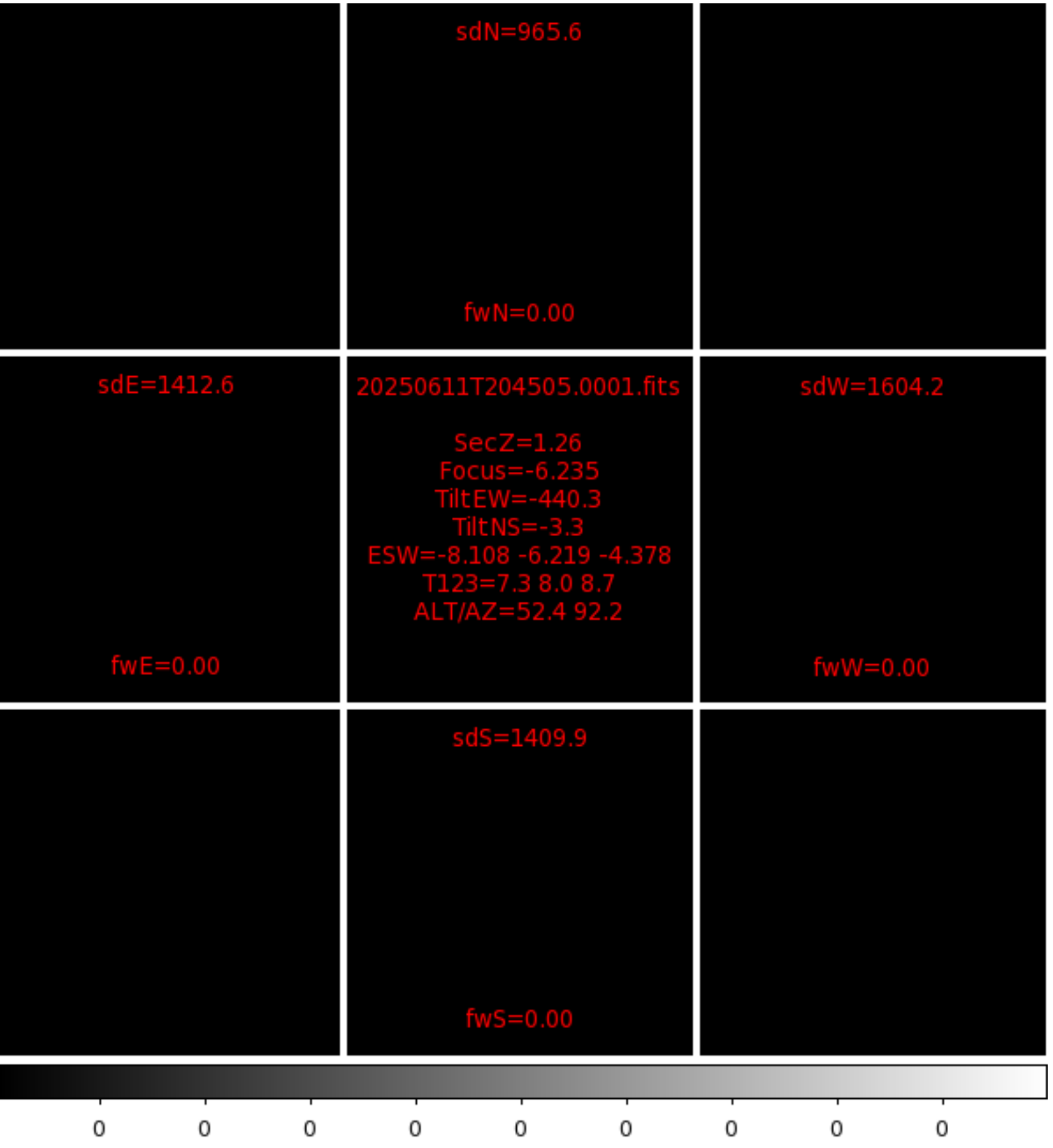
sdN=965.6
fwN=0.00
sdE=1412.6
fwE=0.00
20250611T204505.0001.fits
SecZ=1.26
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.3 8.0 8.7
ALT/AZ=52.4 92.2
sdW=1604.2
fwW=0.00
sdS=1409.9
fwS=0.00
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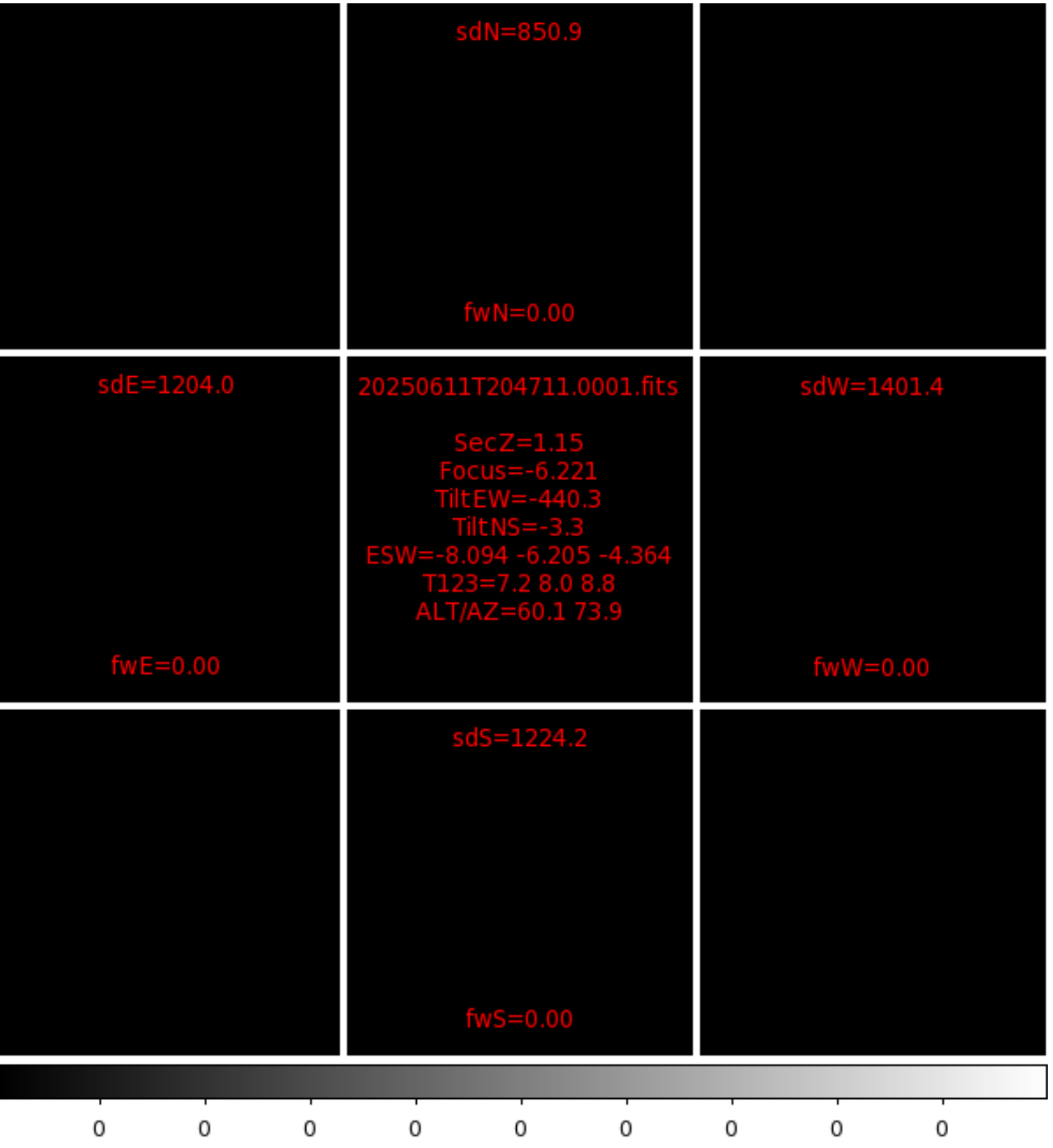
sdN=850.9
fwN=0.00
sdE=1204.0
fwE=0.00
20250611T204711.0001.fits
SecZ=1.15
Focus=-6.221
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.094 -6.205 -4.364
T123=7.2 8.0 8.8
ALT/AZ=60.1 73.9
sdW=1401.4
fwW=0.00
sdS=1224.2
fwS=0.00
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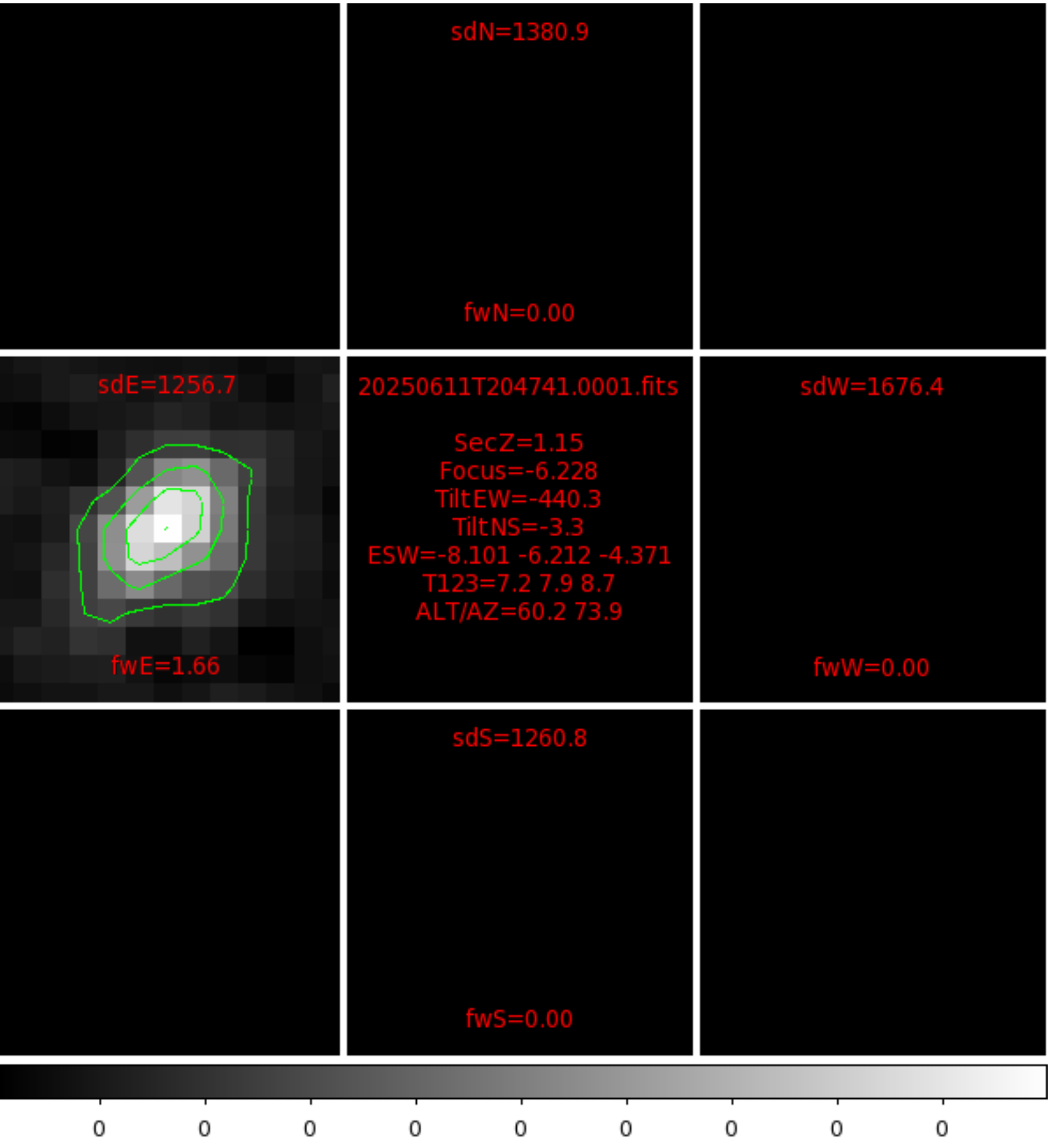
sdN=1380.9
fwN=0.00
sdE=1256.7
fwE=1.66
20250611T204741.0001.fits
SecZ=1.15
Focus=-6.228
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.101 -6.212 -4.371
T123=7.2 7.9 8.7
ALT/AZ=60.2 73.9
sdW=1676.4
fwW=0.00
sdS=1260.8
fwS=0.00
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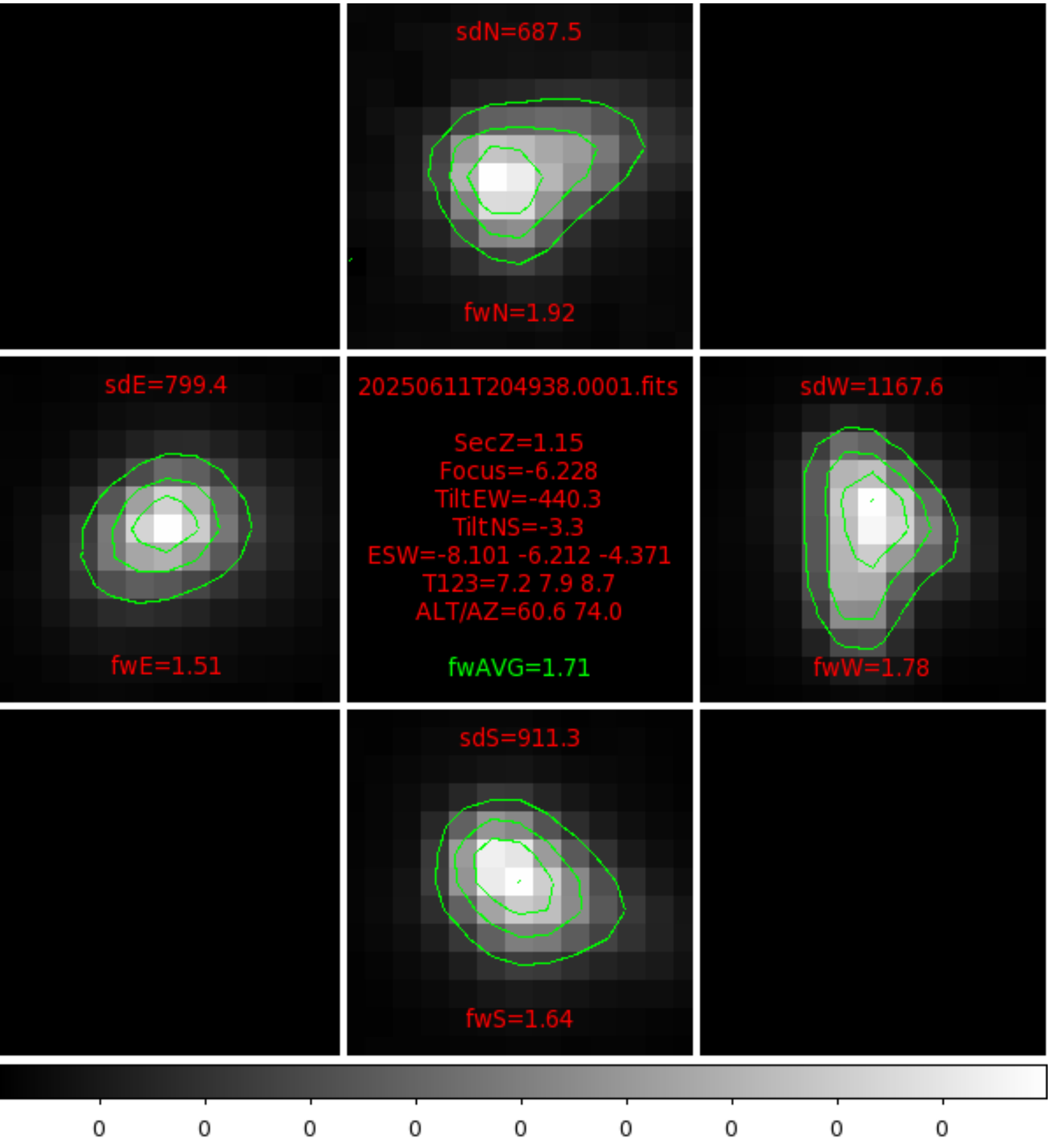
sdN=687.5
fwN=1.92
sdE=799.4
fwE=1.51
20250611T204938.0001.fits
SecZ=1.15
Focus=-6.228
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.101 -6.212 -4.371
T123=7.2 7.9 8.7
ALT/AZ=60.6 74.0
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sdW=1167.6
fwW=1.78
sdS=911.3
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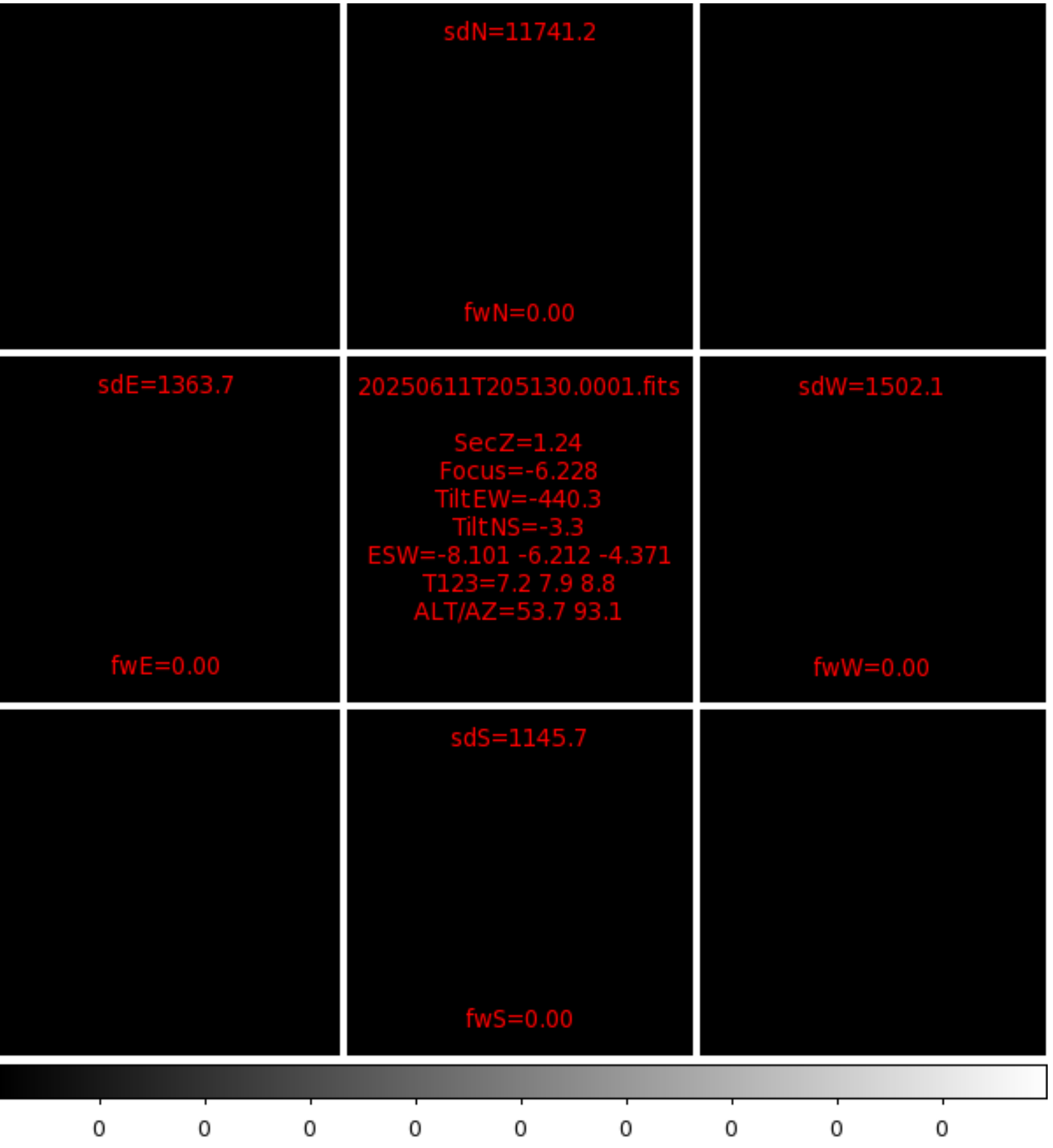
sdN=11741.2
fwN=0.00
sdE=1363.7
fwE=0.00
20250611T205130.0001.fits
SecZ=1.24
Focus=-6.228
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.101 -6.212 -4.371
T123=7.2 7.9 8.8
ALT/AZ=53.7 93.1
sdW=1502.1
fwW=0.00
sdS=1145.7
fwS=0.00
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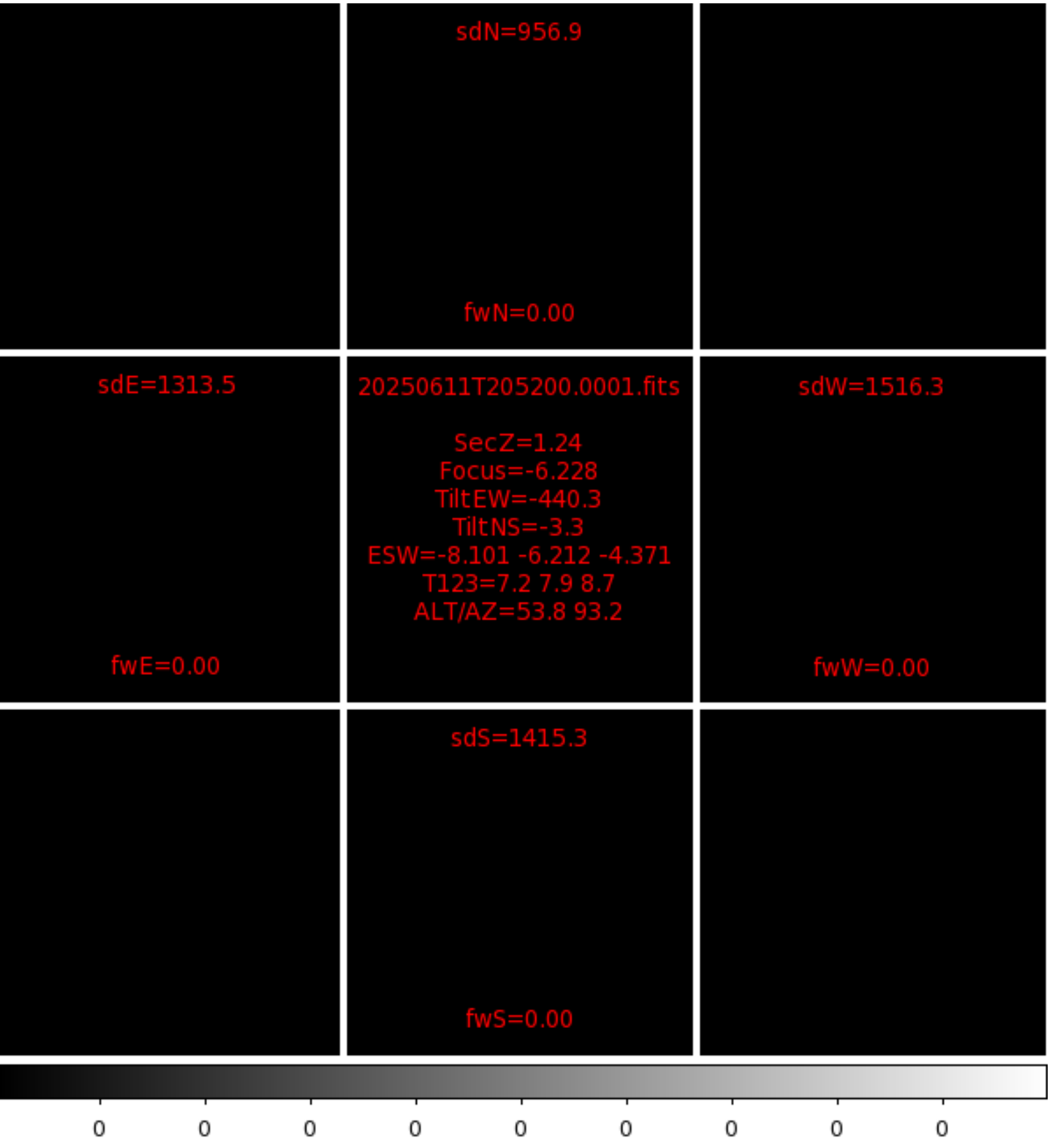
sdN=956.9
fwN=0.00
sdE=1313.5
fwE=0.00
20250611T205200.0001.fits
SecZ=1.24
Focus=-6.228
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.101 -6.212 -4.371
T123=7.2 7.9 8.7
ALT/AZ=53.8 93.2
sdW=1516.3
fwW=0.00
sdS=1415.3
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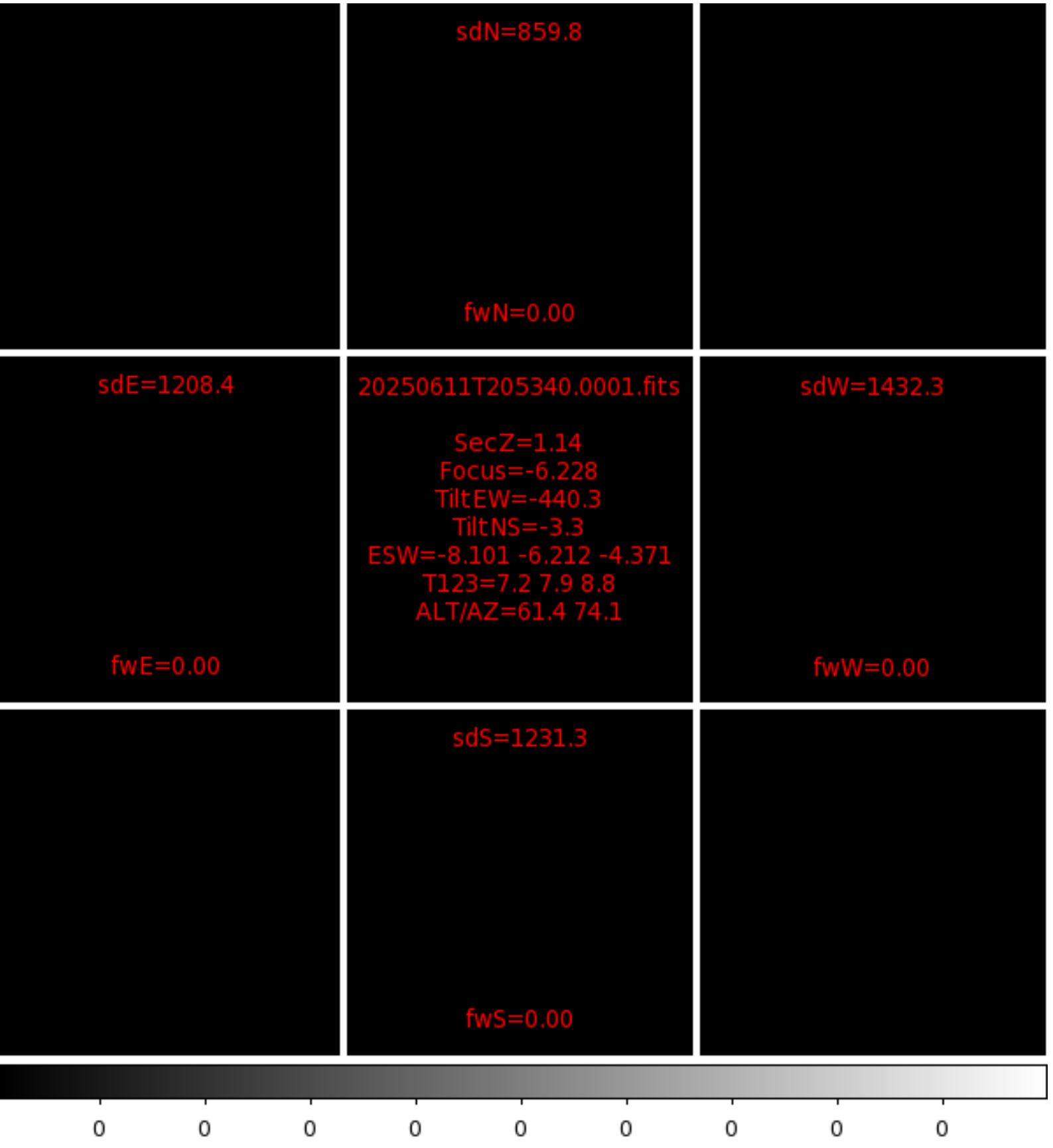
sdN=859.8
fwN=0.00
sdE=1208.4
fwE=0.00
20250611T205340.0001.fits
SecZ=1.14
Focus=-6.228
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.101 -6.212 -4.371
T123=7.2 7.9 8.8
ALT/AZ=61.4 74.1
sdW=1432.3
fwW=0.00
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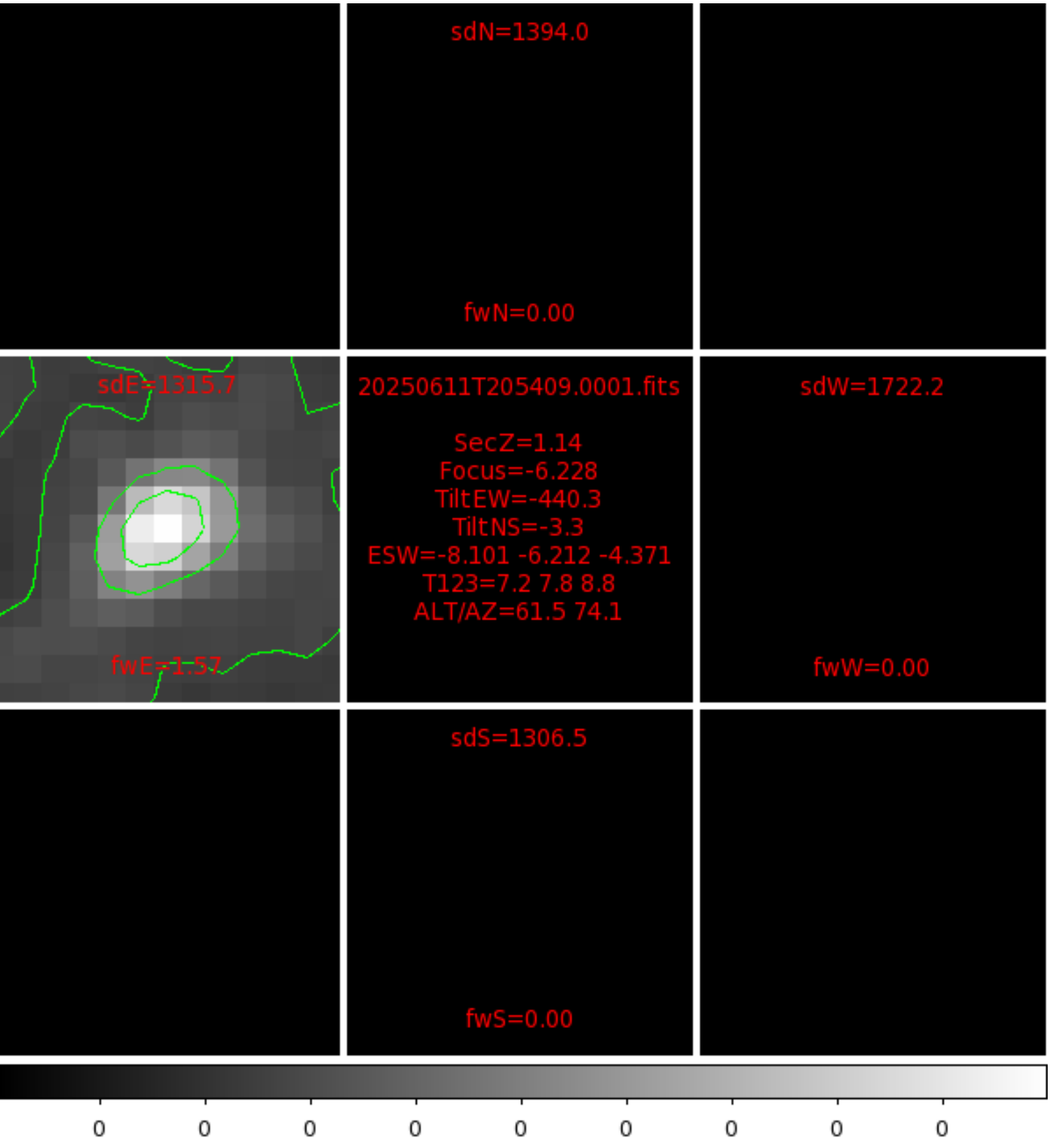
sdN=1394.0
fwN=0.00
sdE=1315.7
fwE=1.57
20250611T205409.0001.fits
SecZ=1.14
Focus=-6.228
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.101 -6.212 -4.371
T123=7.2 7.8 8.8
ALT/AZ=61.5 74.1
sdW=1722.2
fwW=0.00
sdS=1306.5
fwS=0.00
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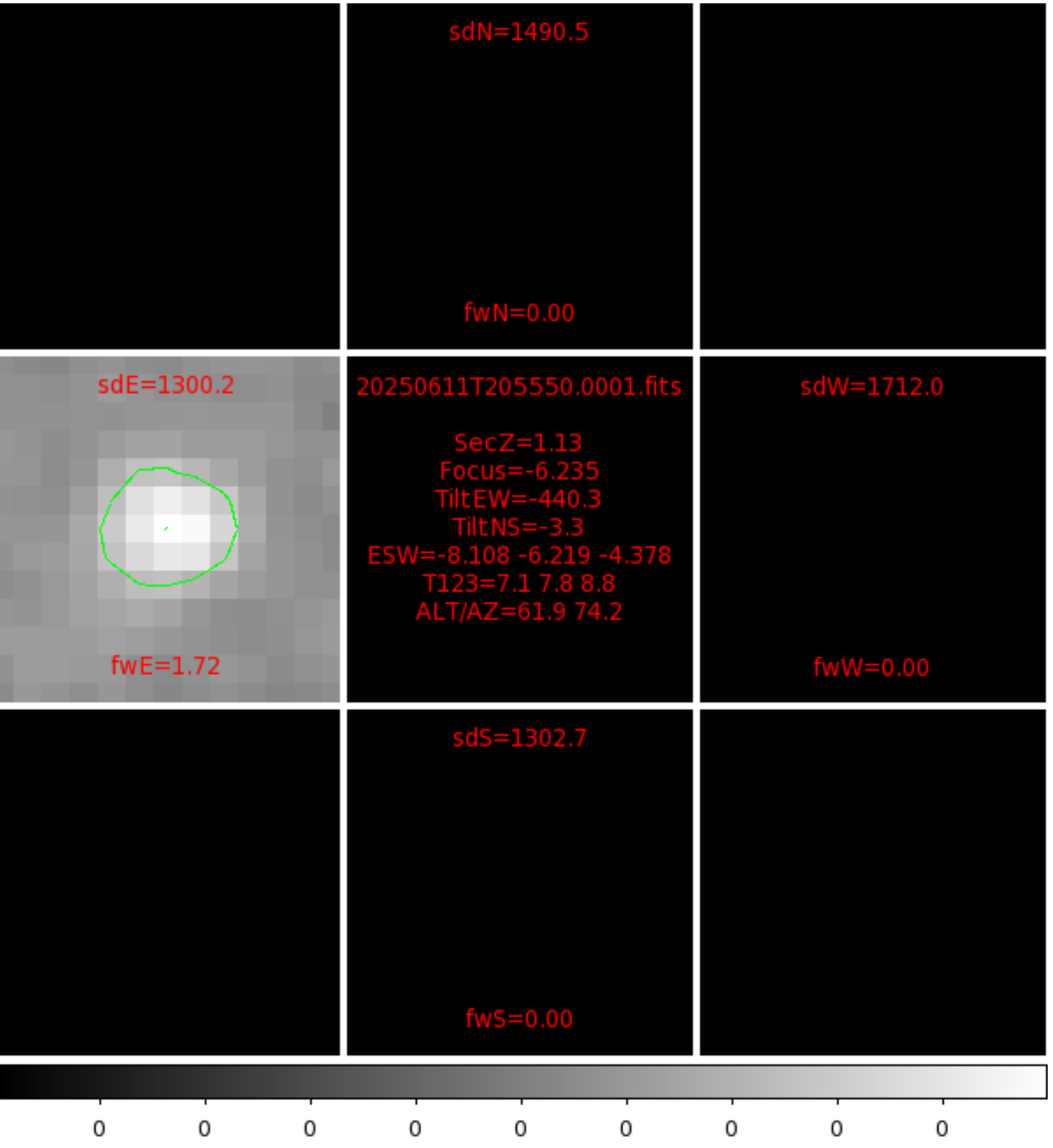
sdN=1490.5
fwN=0.00
sdE=1300.2
fwE=1.72
20250611T205550.0001.fits
SecZ=1.13
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.1 7.8 8.8
ALT/AZ=61.9 74.2
sdW=1712.0
fwW=0.00
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fwS=0.00
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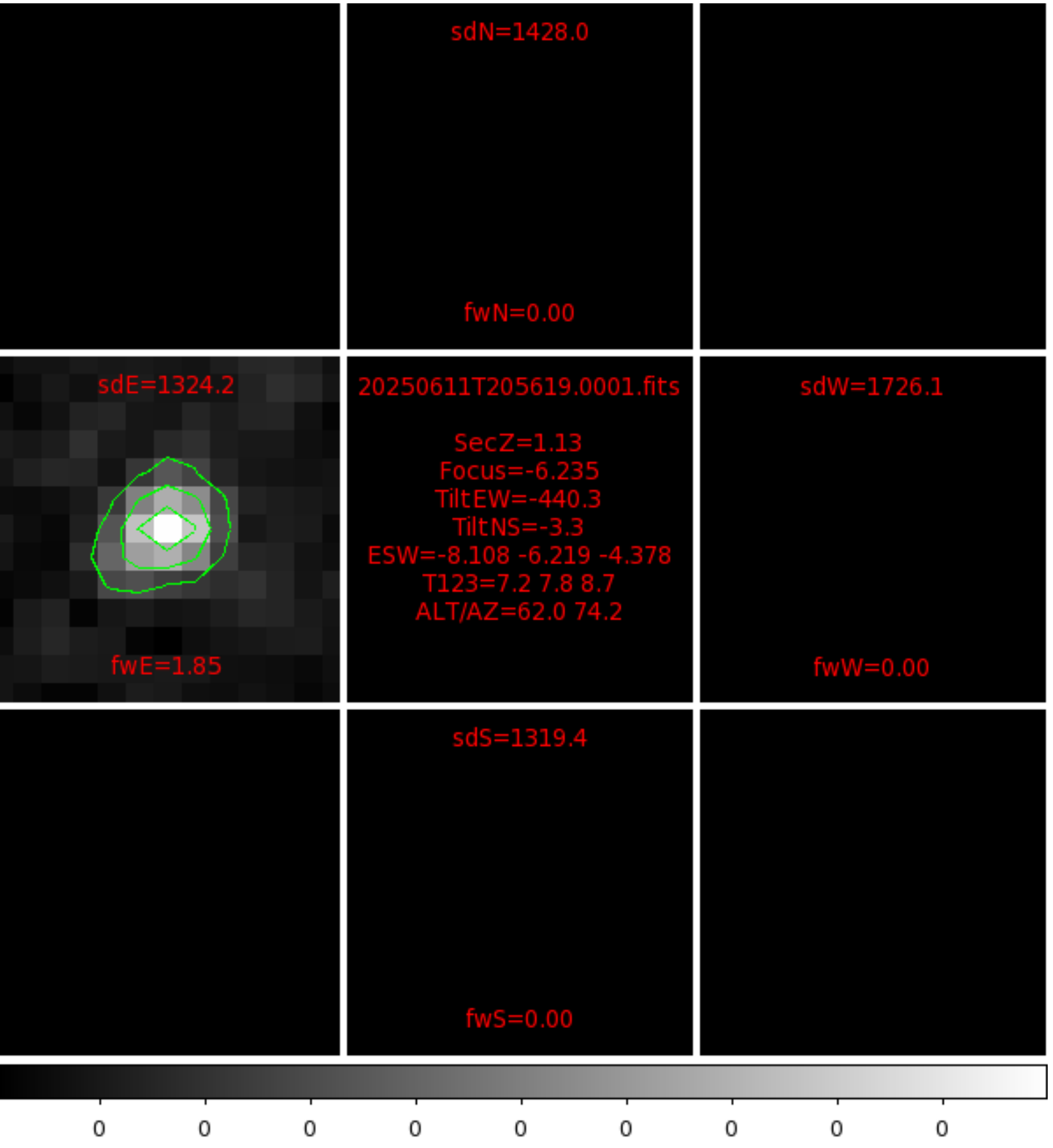
sdN=1428.0
fwN=0.00
sdE=1324.2
fwE=1.85
20250611T205619.0001.fits
SecZ=1.13
Focus=-6.235
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.108 -6.219 -4.378
T123=7.2 7.8 8.7
ALT/AZ=62.0 74.2
sdW=1726.1
fwW=0.00
sdS=1319.4
fwS=0.00
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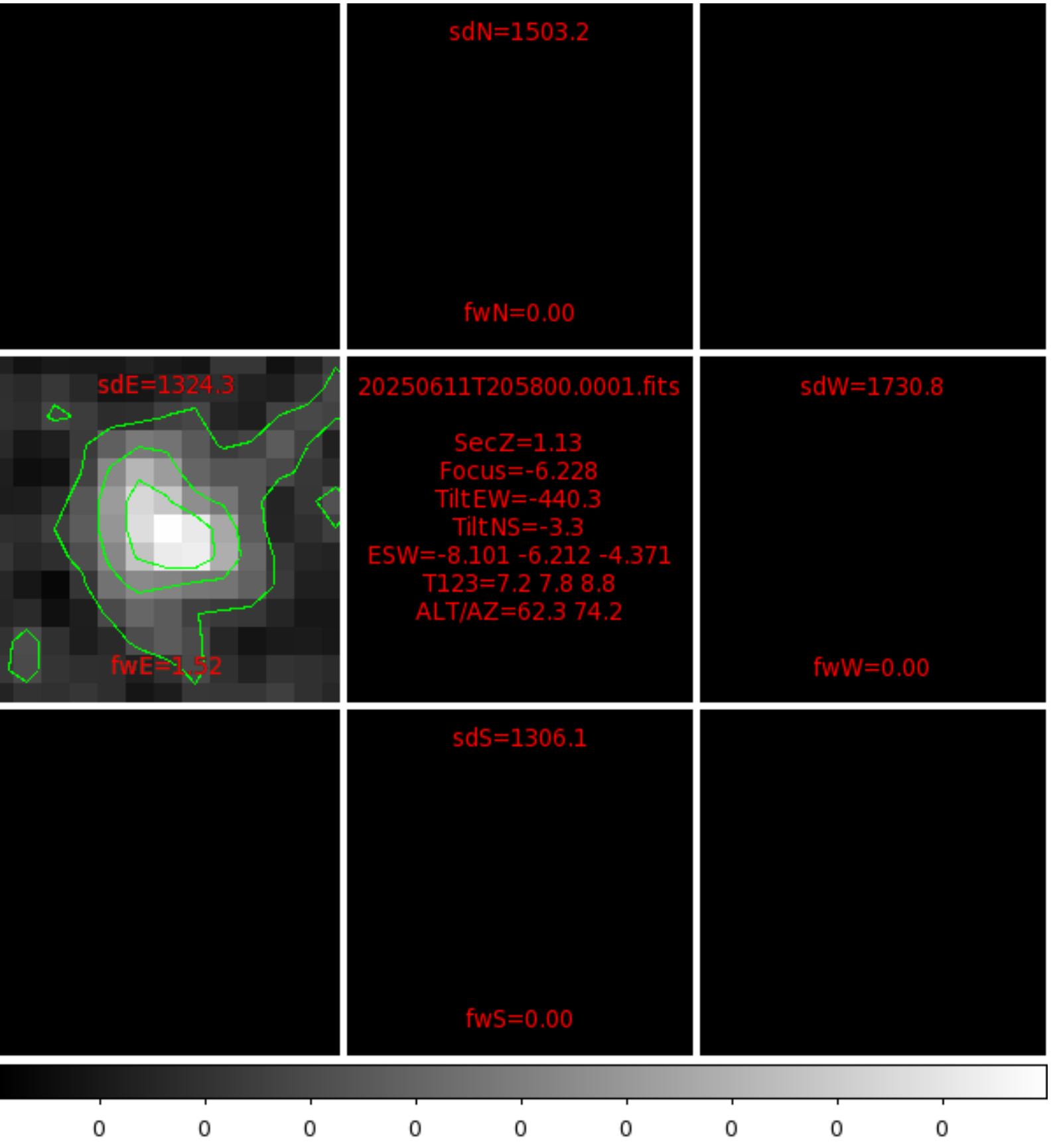
sdN=1503.2
fwN=0.00
sdE=1324.3
fwE=1.52
20250611T205800.0001.fits
SecZ=1.13
Focus=-6.228
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.101 -6.212 -4.371
T123=7.2 7.8 8.8
ALT/AZ=62.3 74.2
sdW=1730.8
fwW=0.00
sdS=1306.1
fwS=0.00
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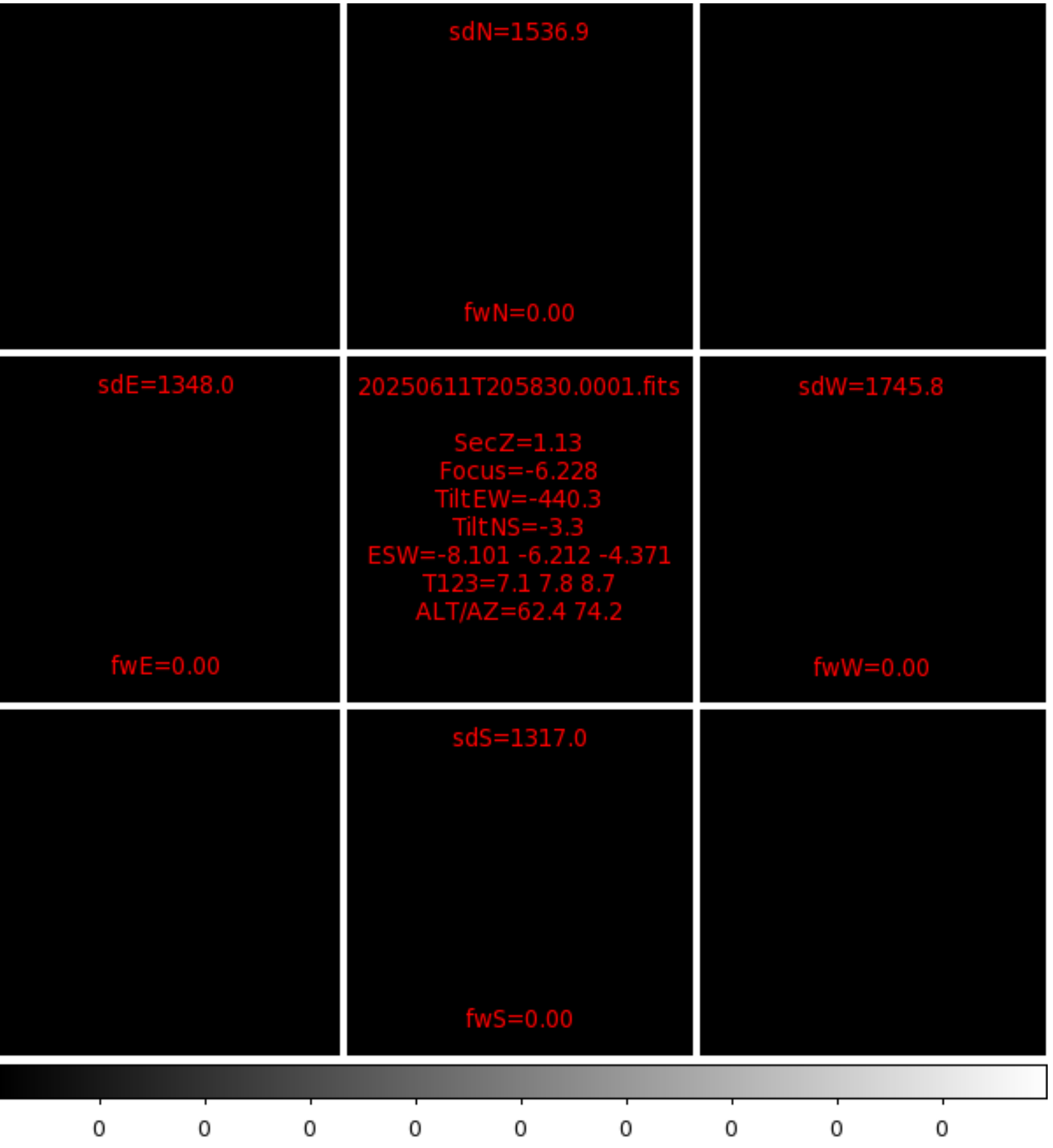
sdN=1536.9
fwN=0.00
sdE=1348.0
fwE=0.00
20250611T205830.0001.fits
SecZ=1.13
Focus=-6.228
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.101 -6.212 -4.371
T123=7.1 7.8 8.7
ALT/AZ=62.4 74.2
sdW=1745.8
fwW=0.00
sdS=1317.0
fwS=0.00
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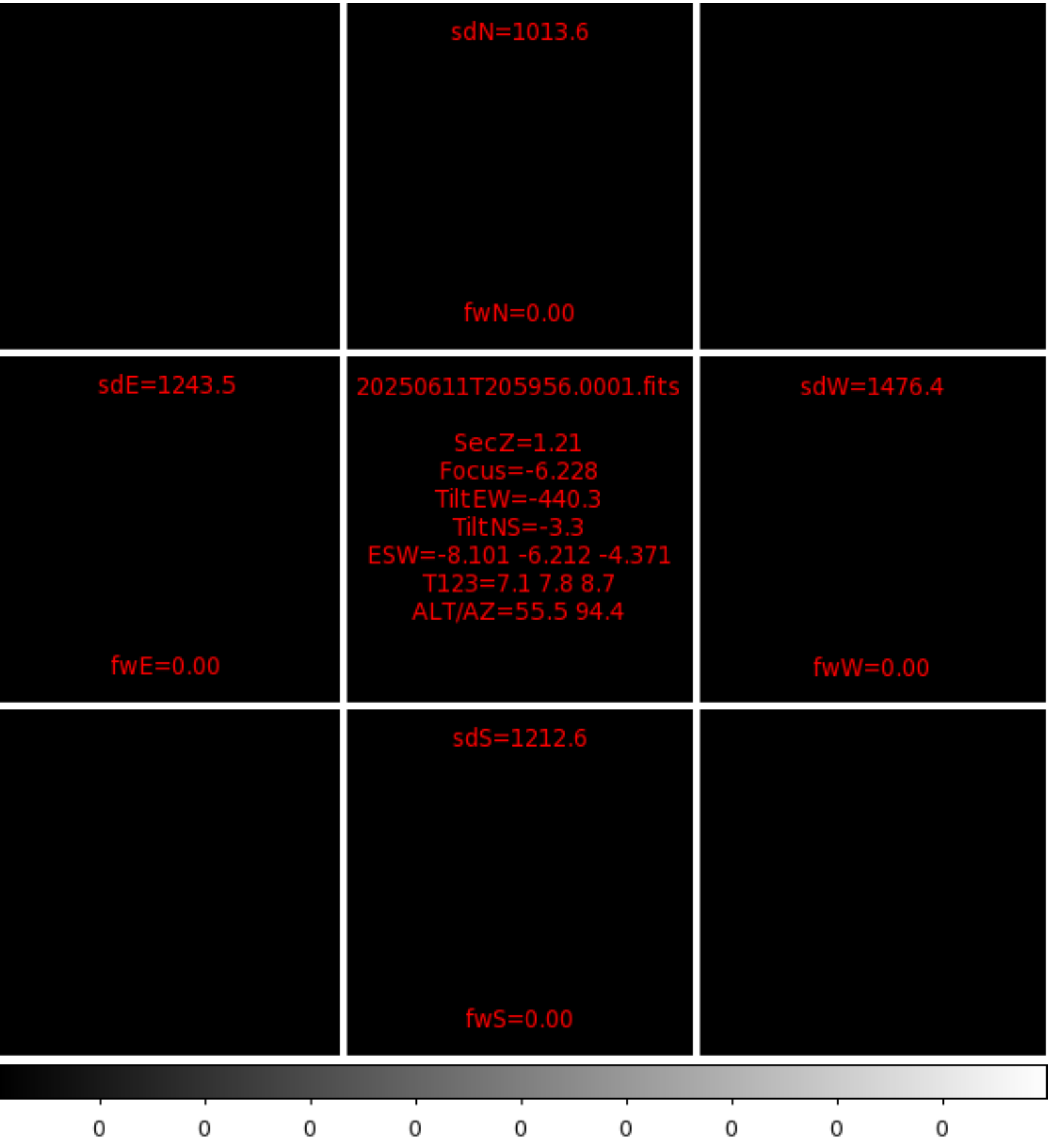
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fwN=0.00
sdE=1243.5
fwE=0.00
20250611T205956.0001.fits
SecZ=1.21
Focus=-6.228
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.101 -6.212 -4.371
T123=7.1 7.8 8.7
ALT/AZ=55.5 94.4
sdW=1476.4
fwW=0.00
sdS=1212.6
fwS=0.00
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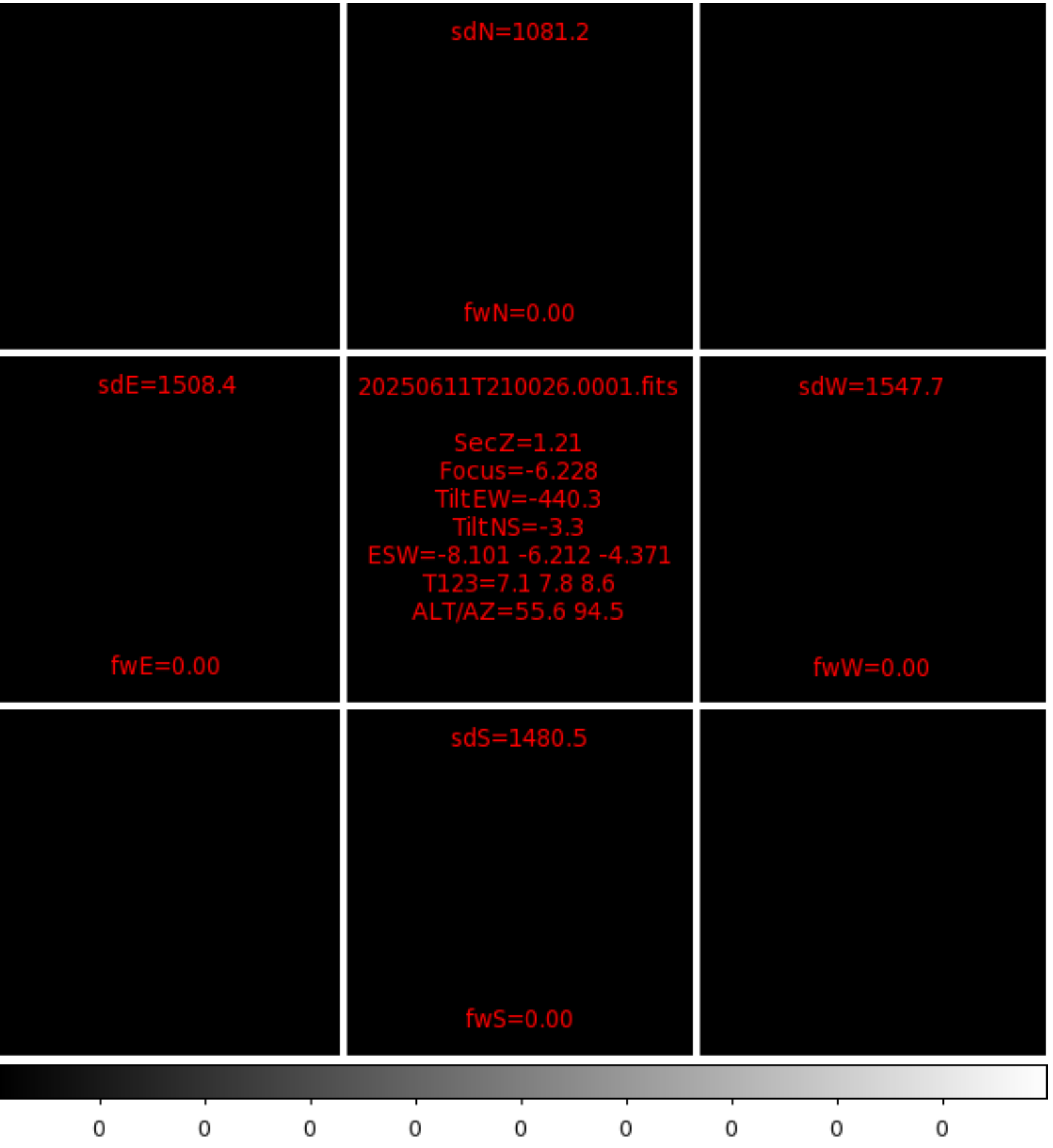
sdN=1081.2
fwN=0.00
sdE=1508.4
fwE=0.00
20250611T210026.0001.fits
SecZ=1.21
Focus=-6.228
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.101 -6.212 -4.371
T123=7.1 7.8 8.6
ALT/AZ=55.6 94.5
sdW=1547.7
fwW=0.00
sdS=1480.5
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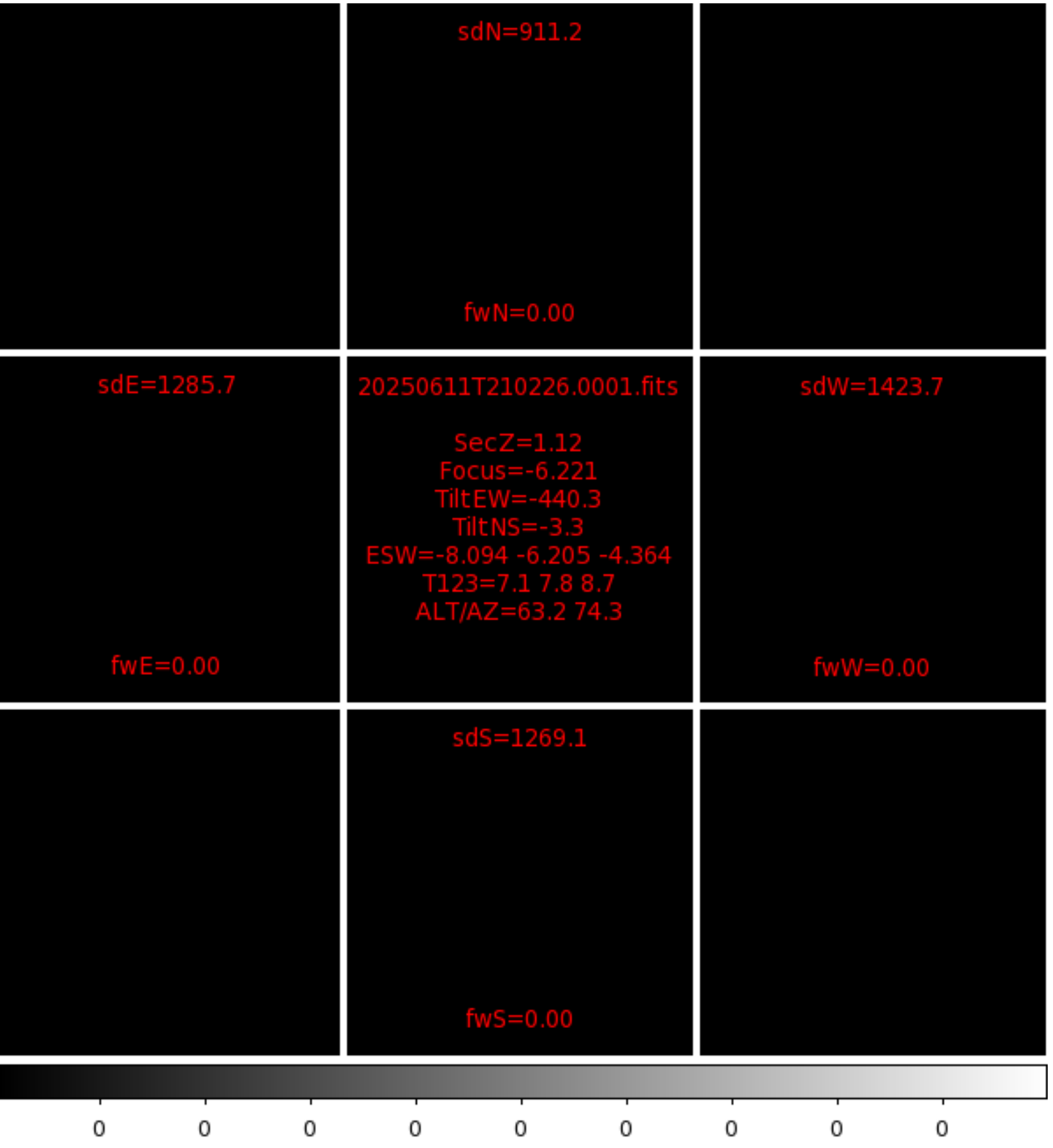
sdN=911.2
fwN=0.00
sdE=1285.7
fwE=0.00
20250611T210226.0001.fits
SecZ=1.12
Focus=-6.221
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.094 -6.205 -4.364
T123=7.1 7.8 8.7
ALT/AZ=63.2 74.3
sdW=1423.7
fwW=0.00
sdS=1269.1
fwS=0.00
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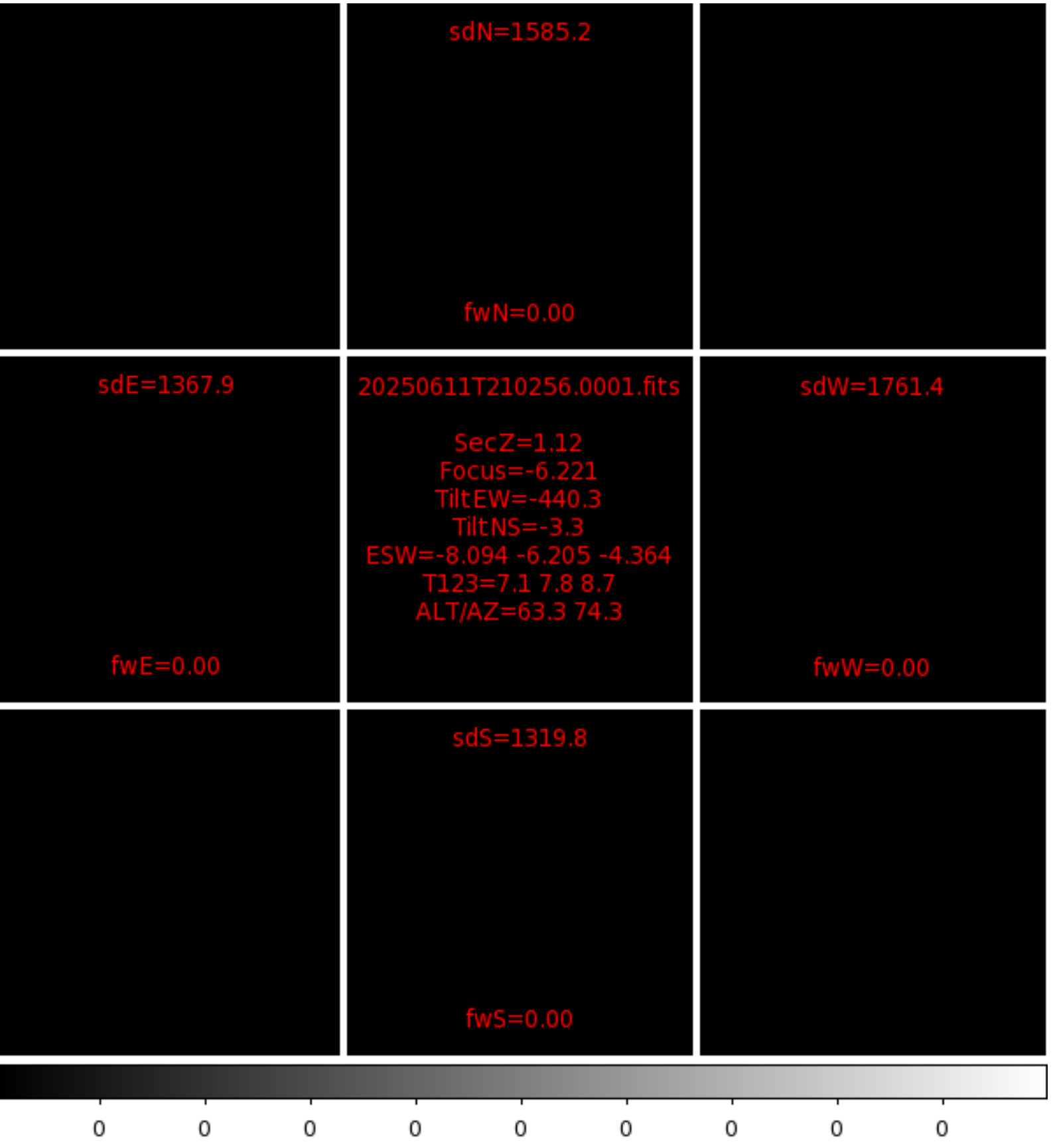
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fwN=0.00
sdE=1367.9
fwE=0.00
20250611T210256.0001.fits
SecZ=1.12
Focus=-6.221
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.094 -6.205 -4.364
T123=7.1 7.8 8.7
ALT/AZ=63.3 74.3
sdW=1761.4
fwW=0.00
sdS=1319.8
fwS=0.00
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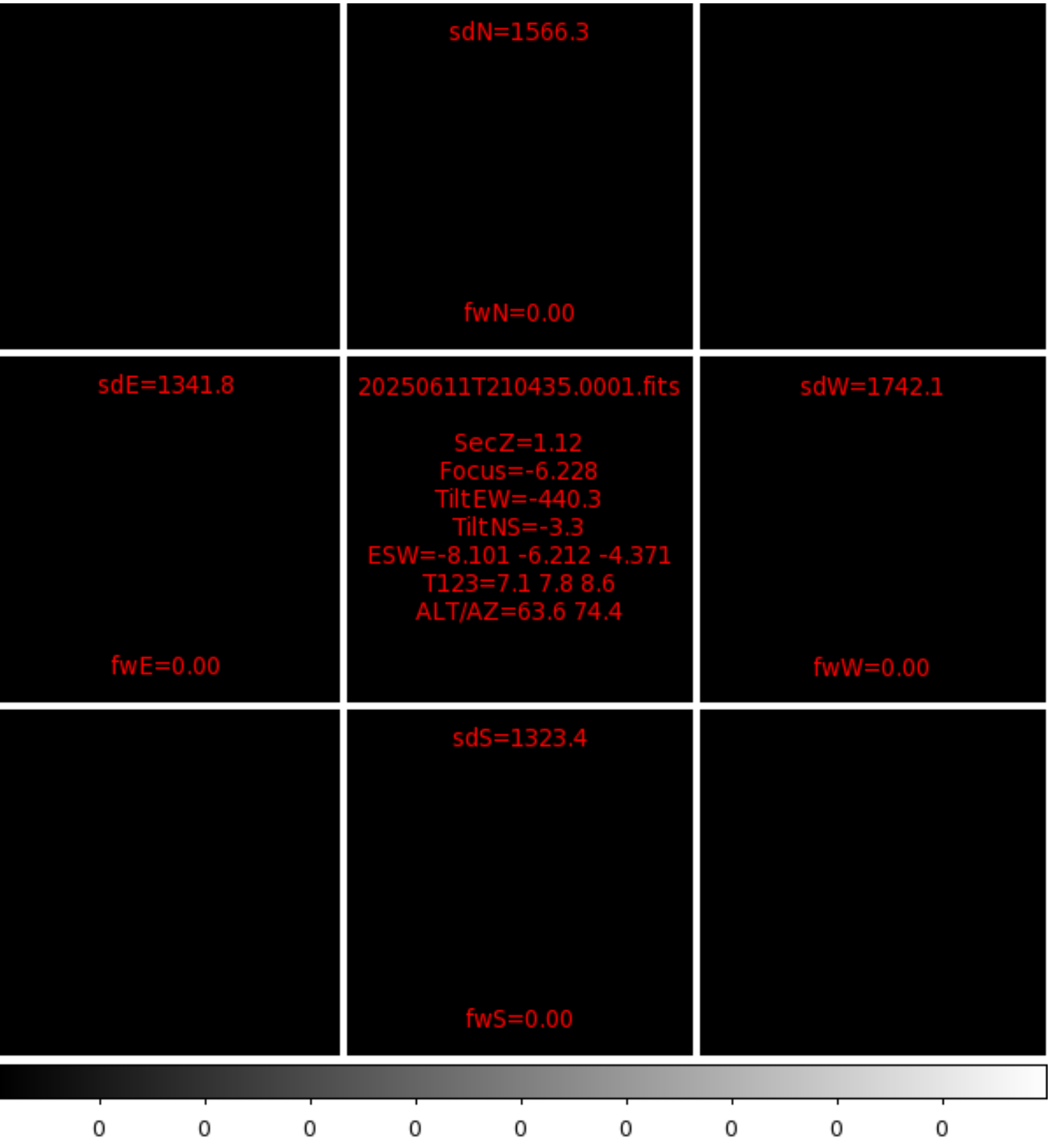
sdN=1566.3
fwN=0.00
sdE=1341.8
fwE=0.00
20250611T210435.0001.fits
SecZ=1.12
Focus=-6.228
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.101 -6.212 -4.371
T123=7.1 7.8 8.6
ALT/AZ=63.6 74.4
sdW=1742.1
fwW=0.00
sdS=1323.4
fwS=0.00
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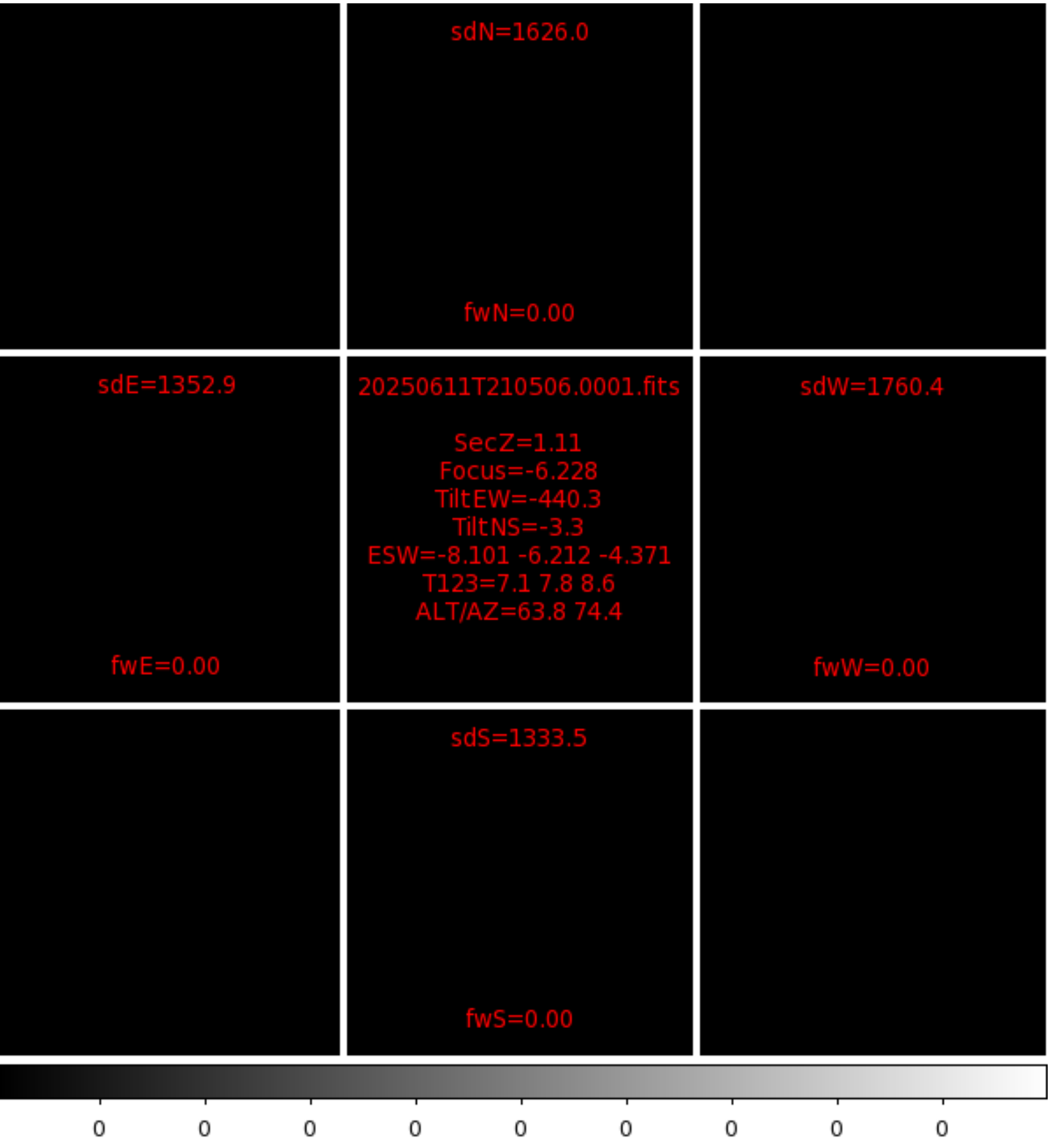
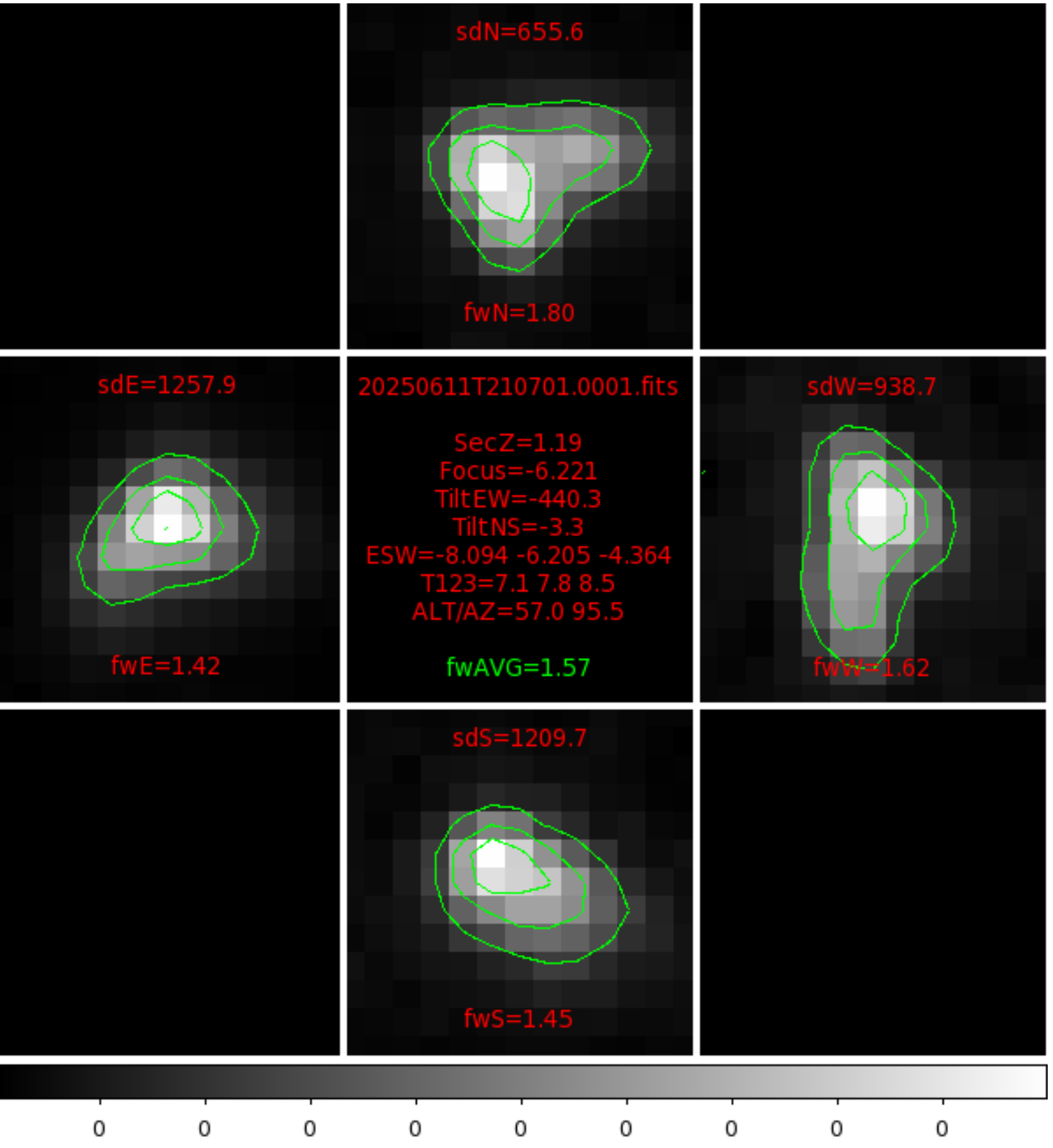

sdN=1626.0
fwN=0.00
sdE=1352.9
fwE=0.00
20250611T210506.0001.fits
SecZ=1.11
Focus=-6.228
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.101 -6.212 -4.371
T123=7.1 7.8 8.6
ALT/AZ=63.8 74.4
sdW=1760.4
fwW=0.00
sdS=1333.5
fwS=0.00
0 0 0 0 0 0 0 0 0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fwN=1.80
sdE=1257.9
fwE=1.42
20250611T210701.0001.fits
SecZ=1.19
Focus=-6.221
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.094 -6.205 -4.364
T123=7.1 7.8 8.5
ALT/AZ=57.0 95.5
fwAVG=1.57
sdW=938.7
fwW=1.62
sdS=1209.7
fwS=1.45
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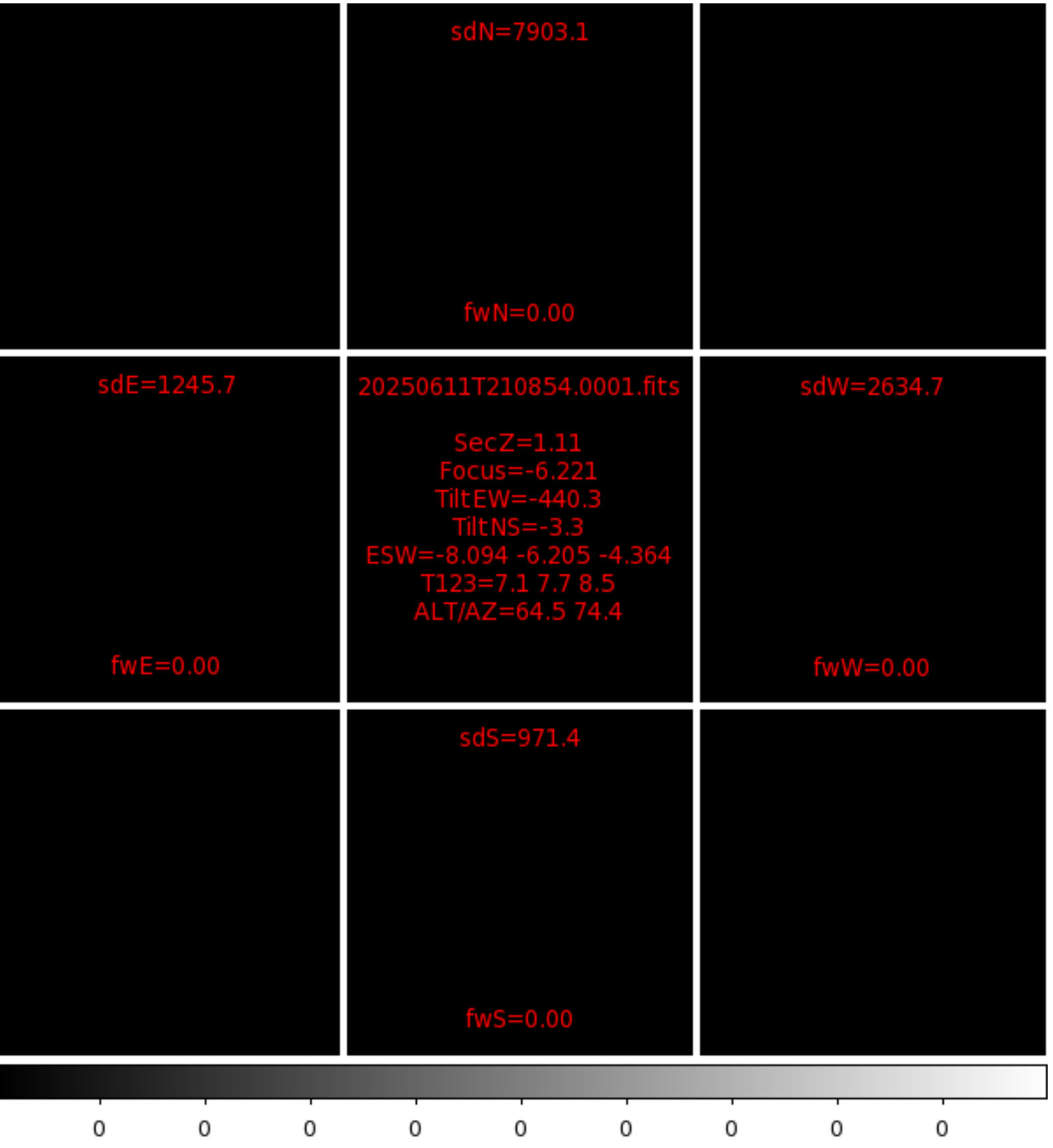
sdN=7903.1
fwN=0.00
sdE=1245.7
fwE=0.00
20250611T210854.0001.fits
SecZ=1.11
Focus=-6.221
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.094 -6.205 -4.364
T123=7.1 7.7 8.5
ALT/AZ=64.5 74.4
sdW=2634.7
fwW=0.00
sdS=971.4
fwS=0.00
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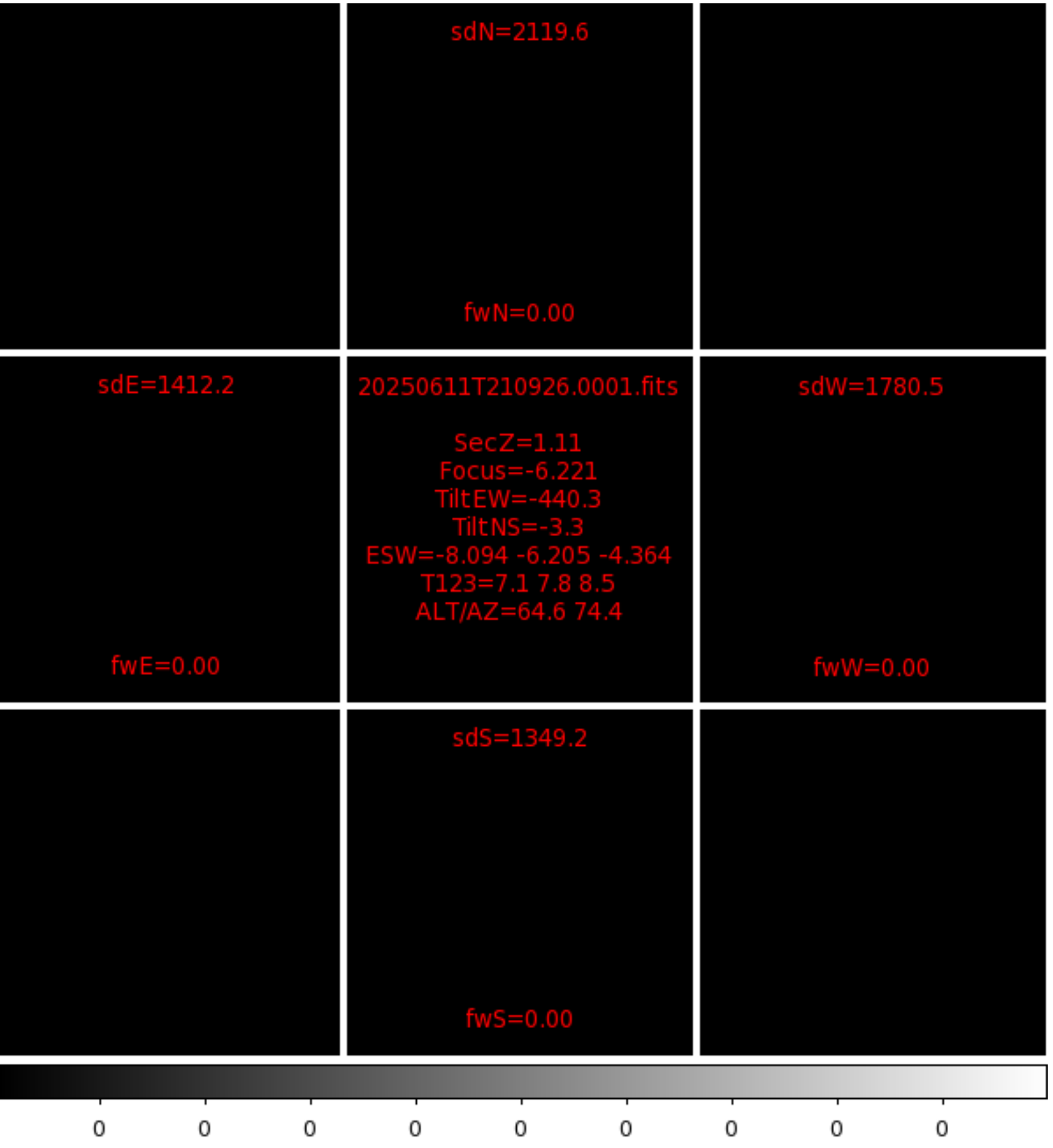
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fwN=0.00
sdE=1412.2
fwE=0.00
20250611T210926.0001.fits
SecZ=1.11
Focus=-6.221
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.094 -6.205 -4.364
T123=7.1 7.8 8.5
ALT/AZ=64.6 74.4
sdW=1780.5
fwW=0.00
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fwS=0.00
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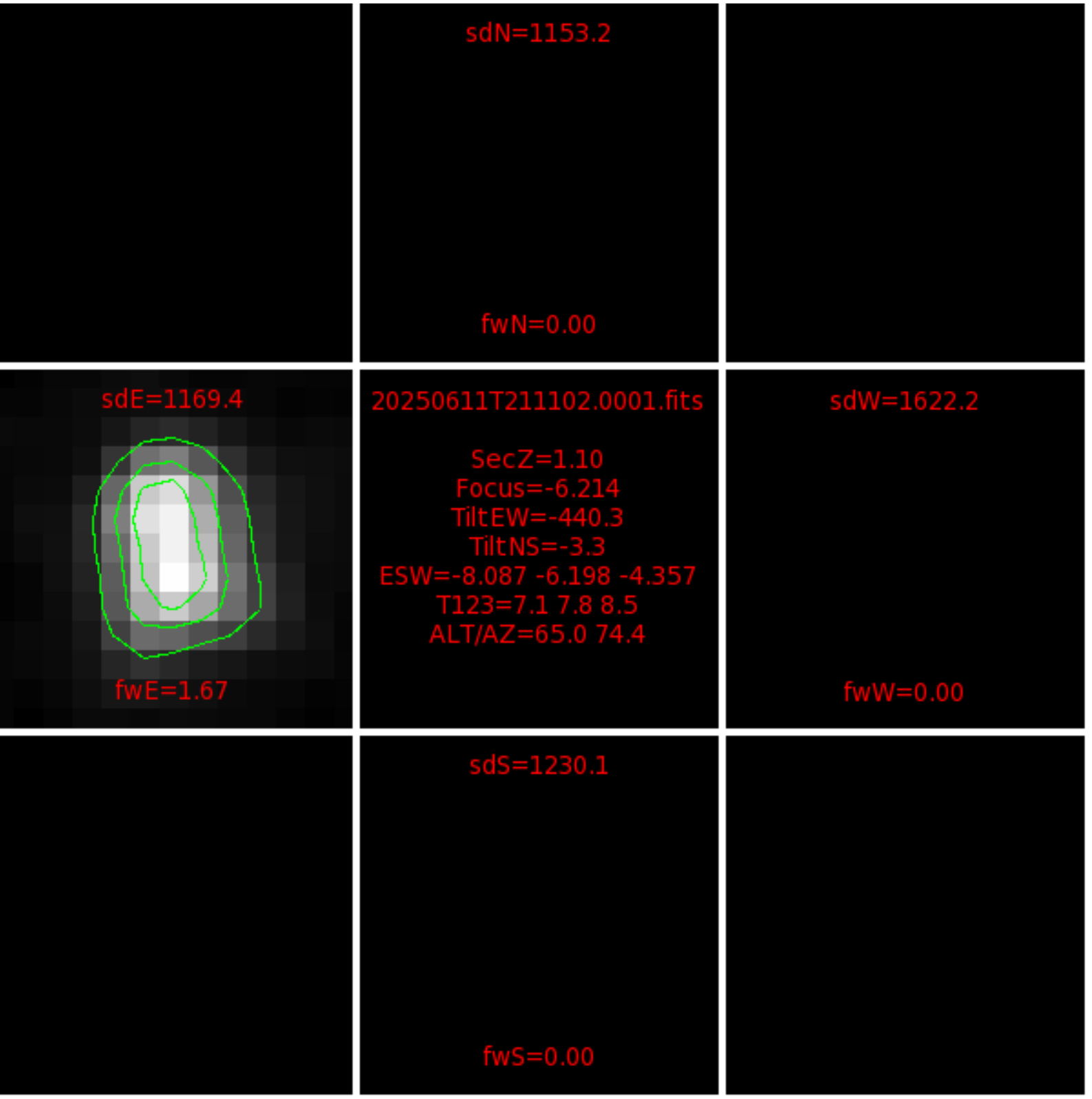
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fwN=0.00
sdE=1169.4
fwE=1.67
20250611T211102.0001.fits
SecZ=1.10
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=7.1 7.8 8.5
ALT/AZ=65.0 74.4
sdW=1622.2
fwW=0.00
sdS=1230.1
fwS=0.00
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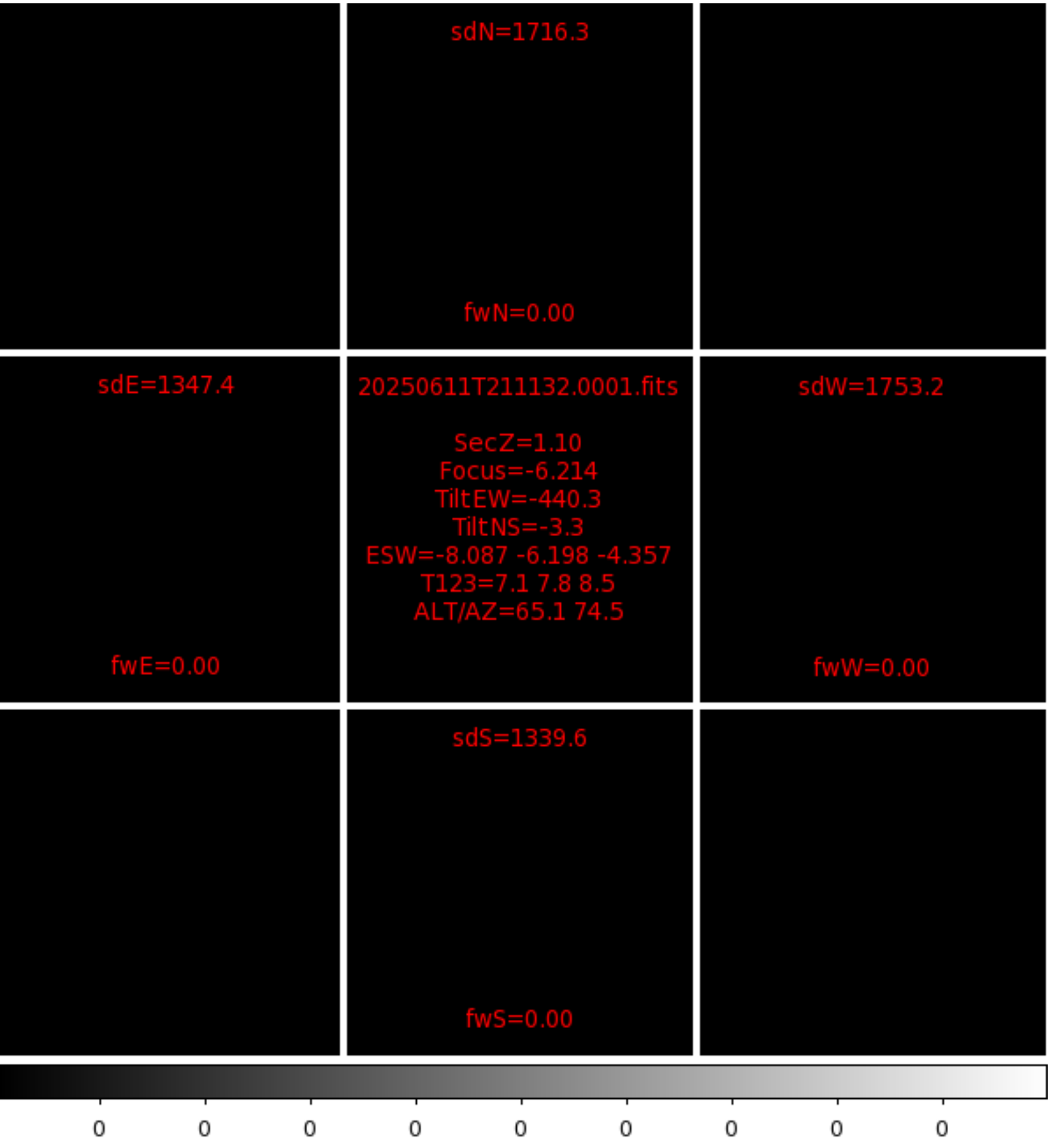
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fwN=0.00
sdE=1347.4
fwE=0.00
20250611T211132.0001.fits
SecZ=1.10
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=7.1 7.8 8.5
ALT/AZ=65.1 74.5
sdW=1753.2
fwW=0.00
sdS=1339.6
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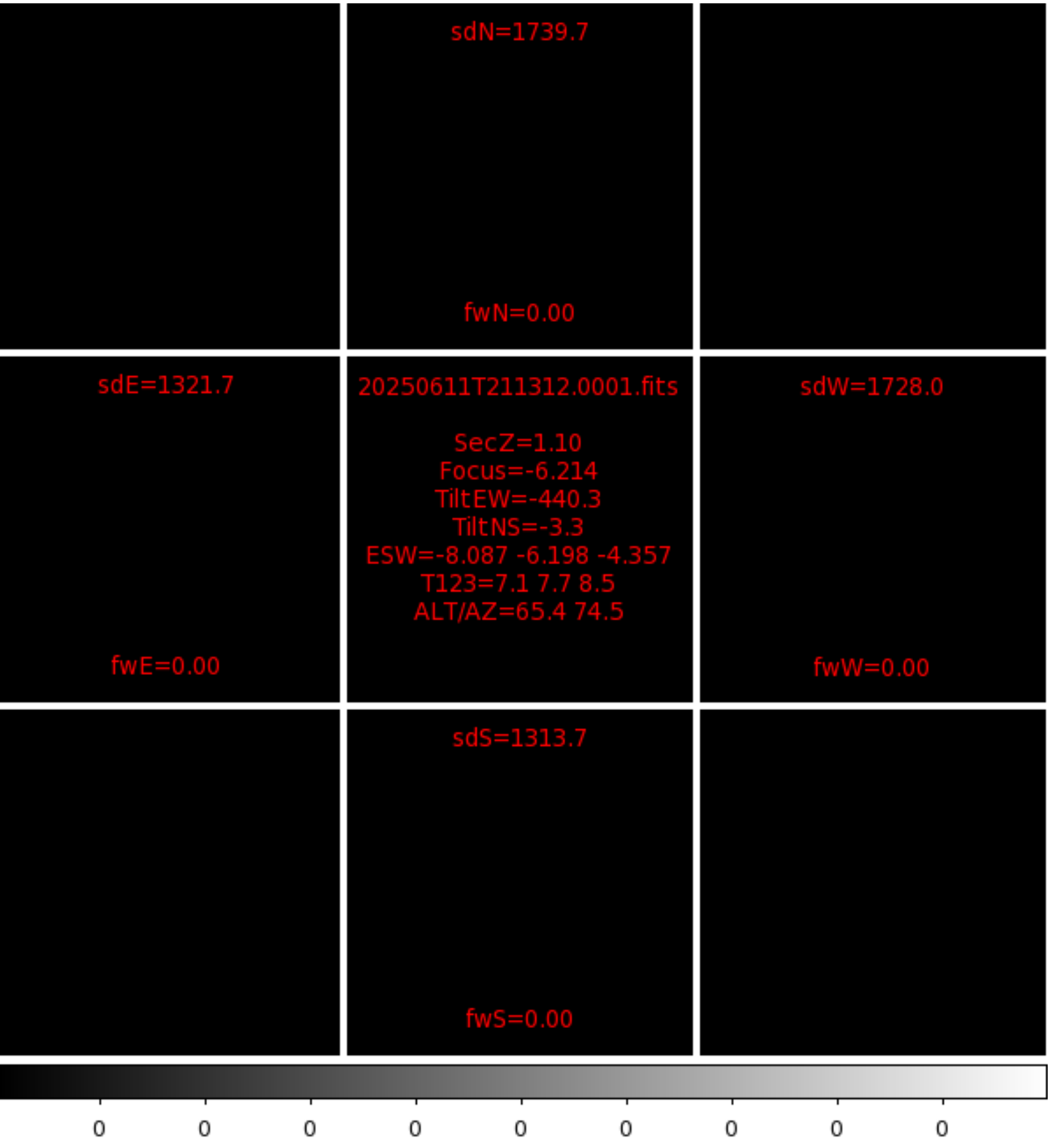
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sdE=1321.7
fwE=0.00
20250611T211312.0001.fits
SecZ=1.10
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=7.1 7.7 8.5
ALT/AZ=65.4 74.5
sdW=1728.0
fwW=0.00
sdS=1313.7
fwS=0.00
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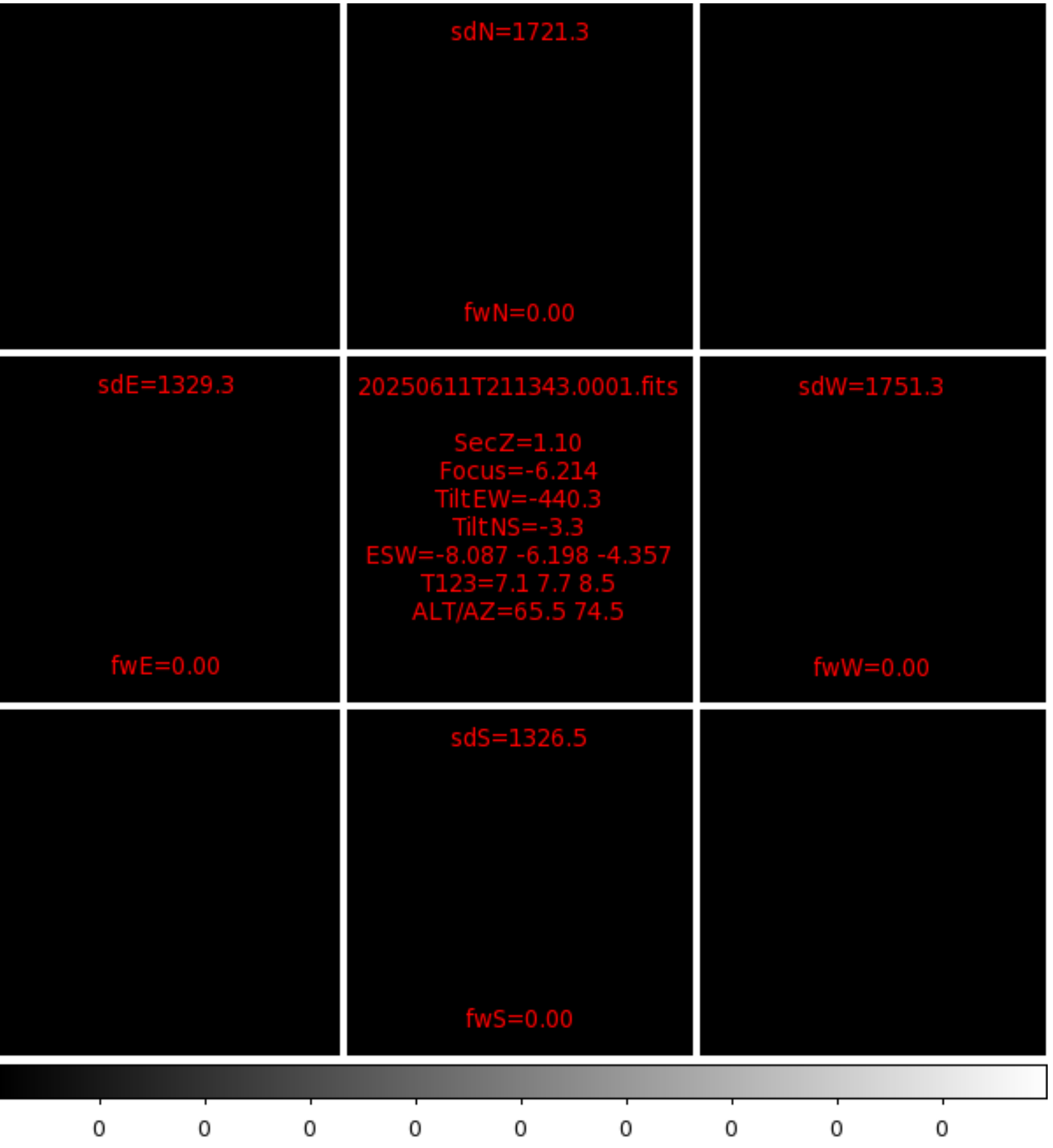
sdN=1721.3
fwN=0.00
sdE=1329.3
fwE=0.00
20250611T211343.0001.fits
SecZ=1.10
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=7.1 7.7 8.5
ALT/AZ=65.5 74.5
sdW=1751.3
fwW=0.00
sdS=1326.5
fwS=0.00
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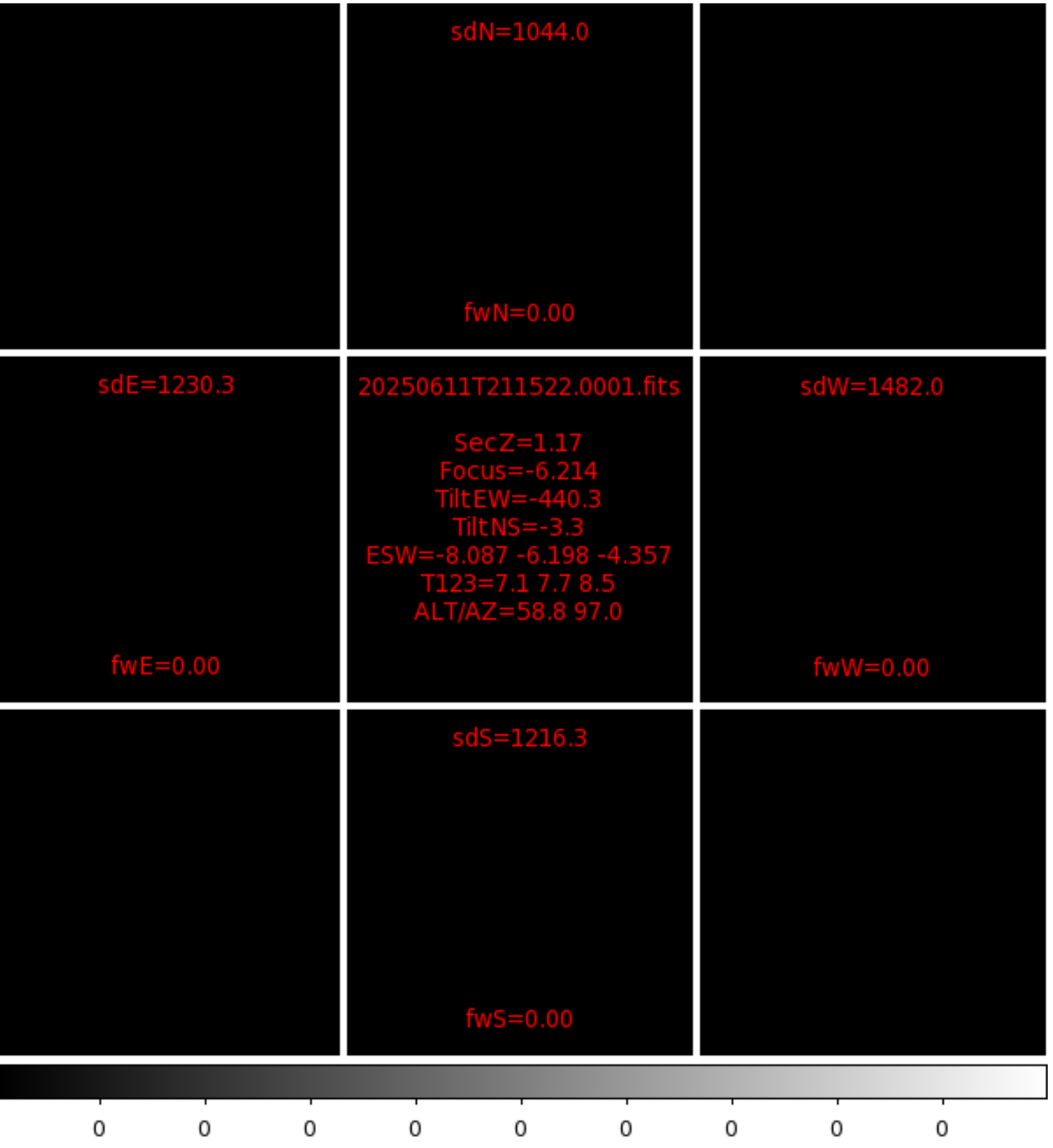
sdN=1044.0
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sdE=1230.3
fwE=0.00
20250611T211522.0001.fits
SecZ=1.17
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=7.1 7.7 8.5
ALT/AZ=58.8 97.0
sdW=1482.0
fwW=0.00
sdS=1216.3
fwS=0.00
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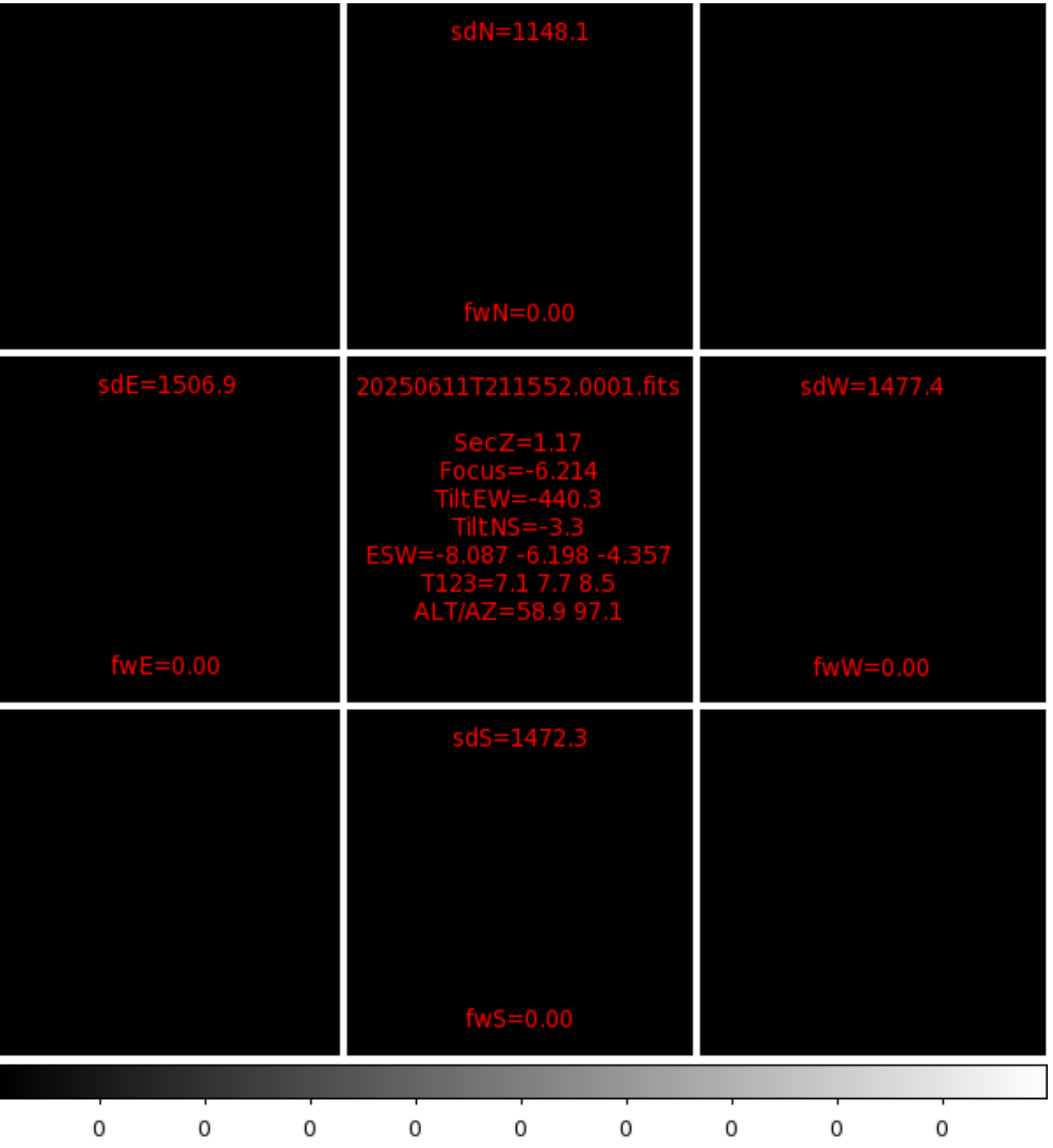
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fwN=0.00
sdE=1506.9
fwE=0.00
20250611T211552.0001.fits
SecZ=1.17
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=7.1 7.7 8.5
ALT/AZ=58.9 97.1
sdW=1477.4
fwW=0.00
sdS=1472.3
fwS=0.00
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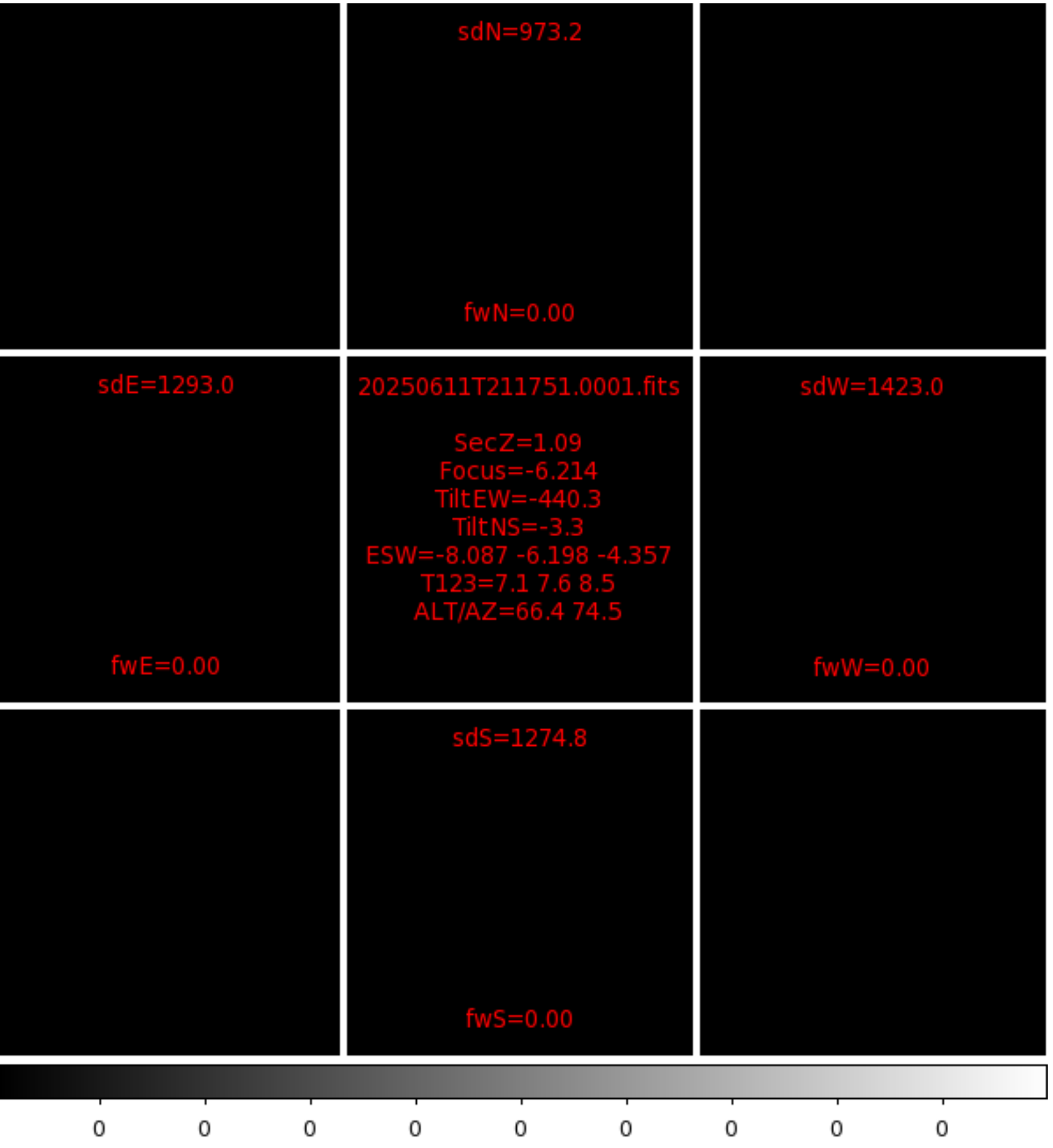
sdN=973.2
fwN=0.00
sdE=1293.0
fwE=0.00
20250611T211751.0001.fits
SecZ=1.09
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=7.1 7.6 8.5
ALT/AZ=66.4 74.5
sdW=1423.0
fwW=0.00
sdS=1274.8
fwS=0.00
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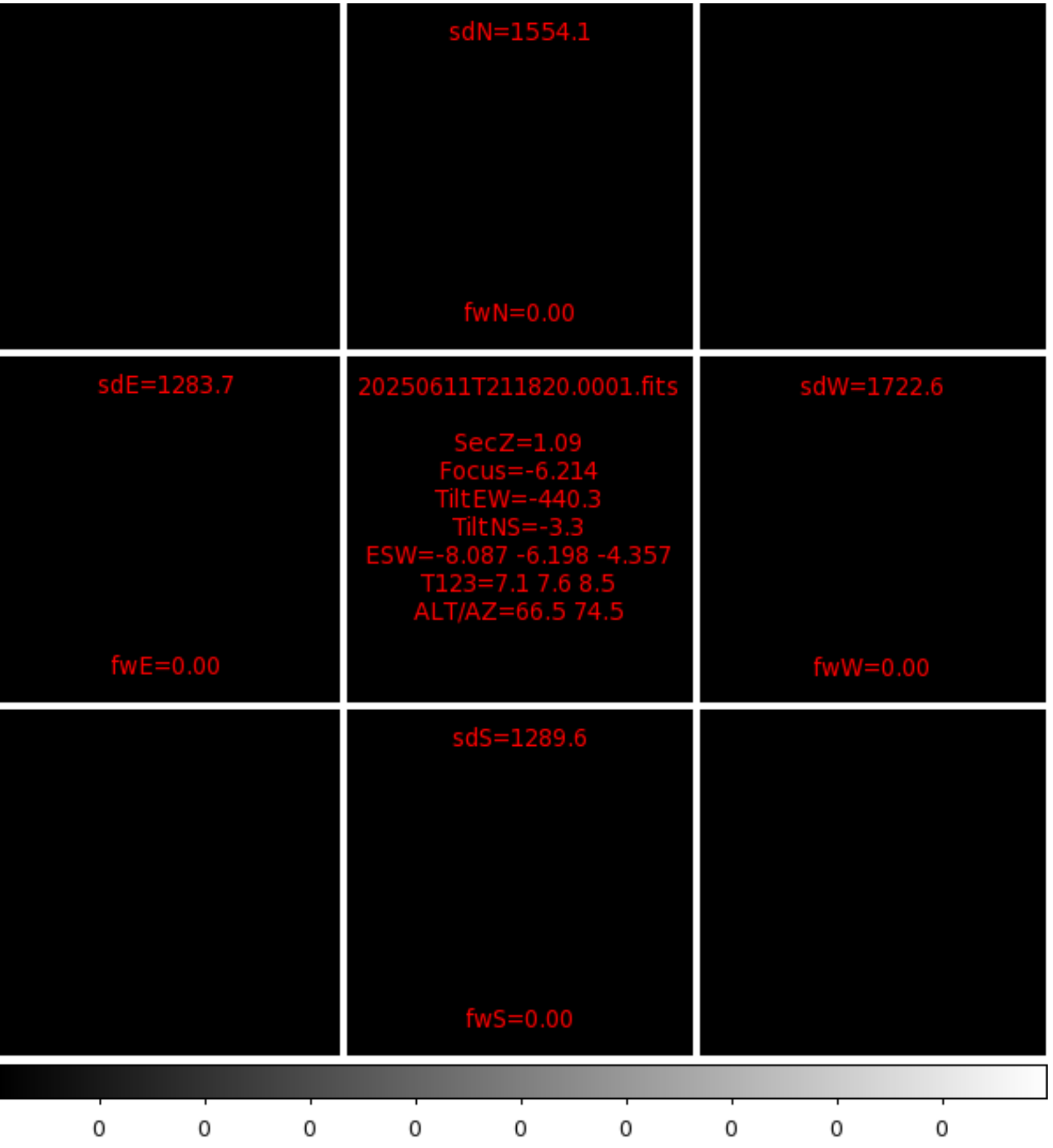
sdN=1554.1
fwN=0.00
sdE=1283.7
fwE=0.00
20250611T211820.0001.fits
SecZ=1.09
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=7.1 7.6 8.5
ALT/AZ=66.5 74.5
sdW=1722.6
fwW=0.00
sdS=1289.6
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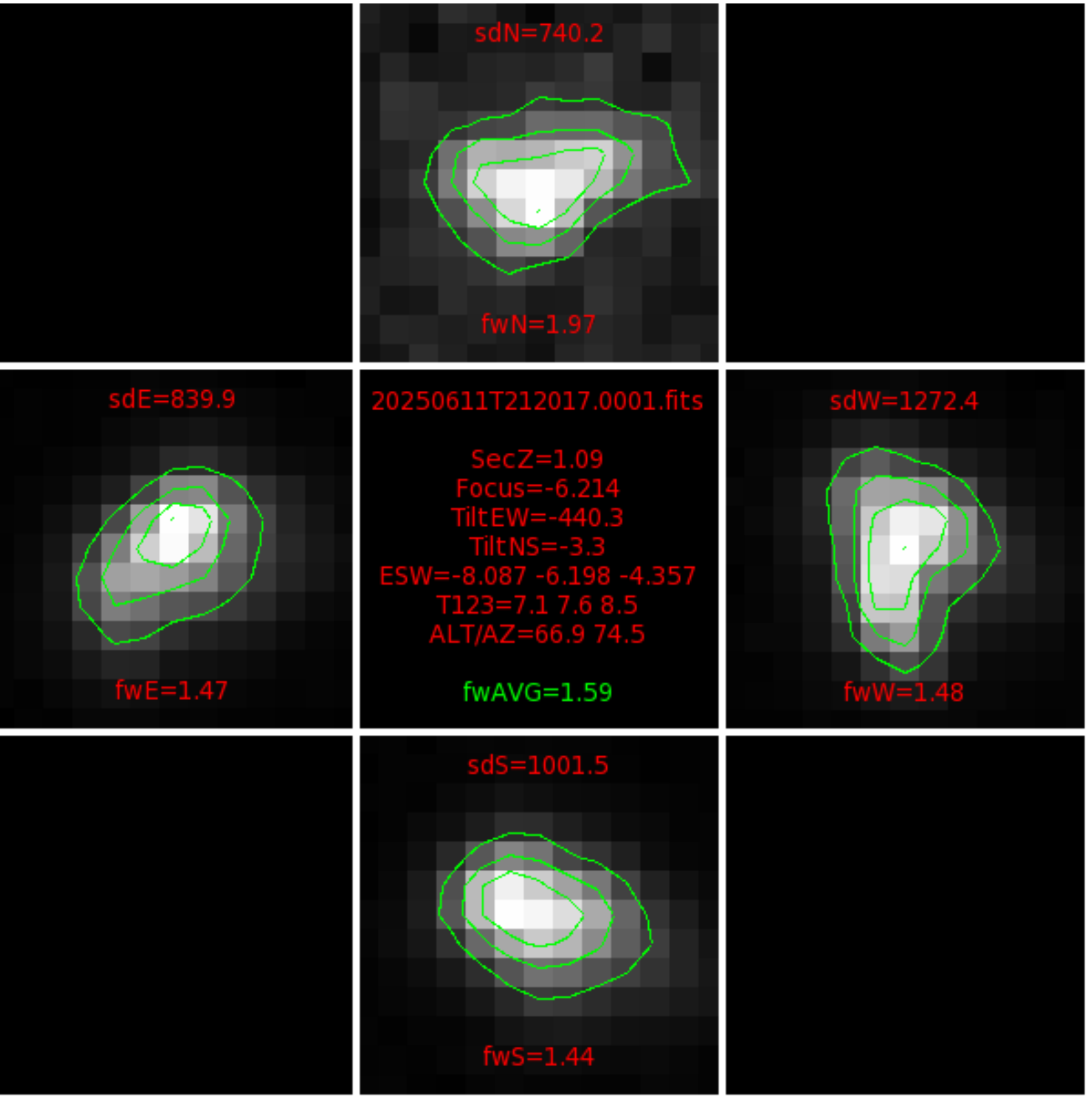
sdN=740.2
fwN=1.97
sdE=839.9
fwE=1.47
20250611T212017.0001.fits
SecZ=1.09
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=7.1 7.6 8.5
ALT/AZ=66.9 74.5
fwAVG=1.59
sdW=1272.4
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sdS=1001.5
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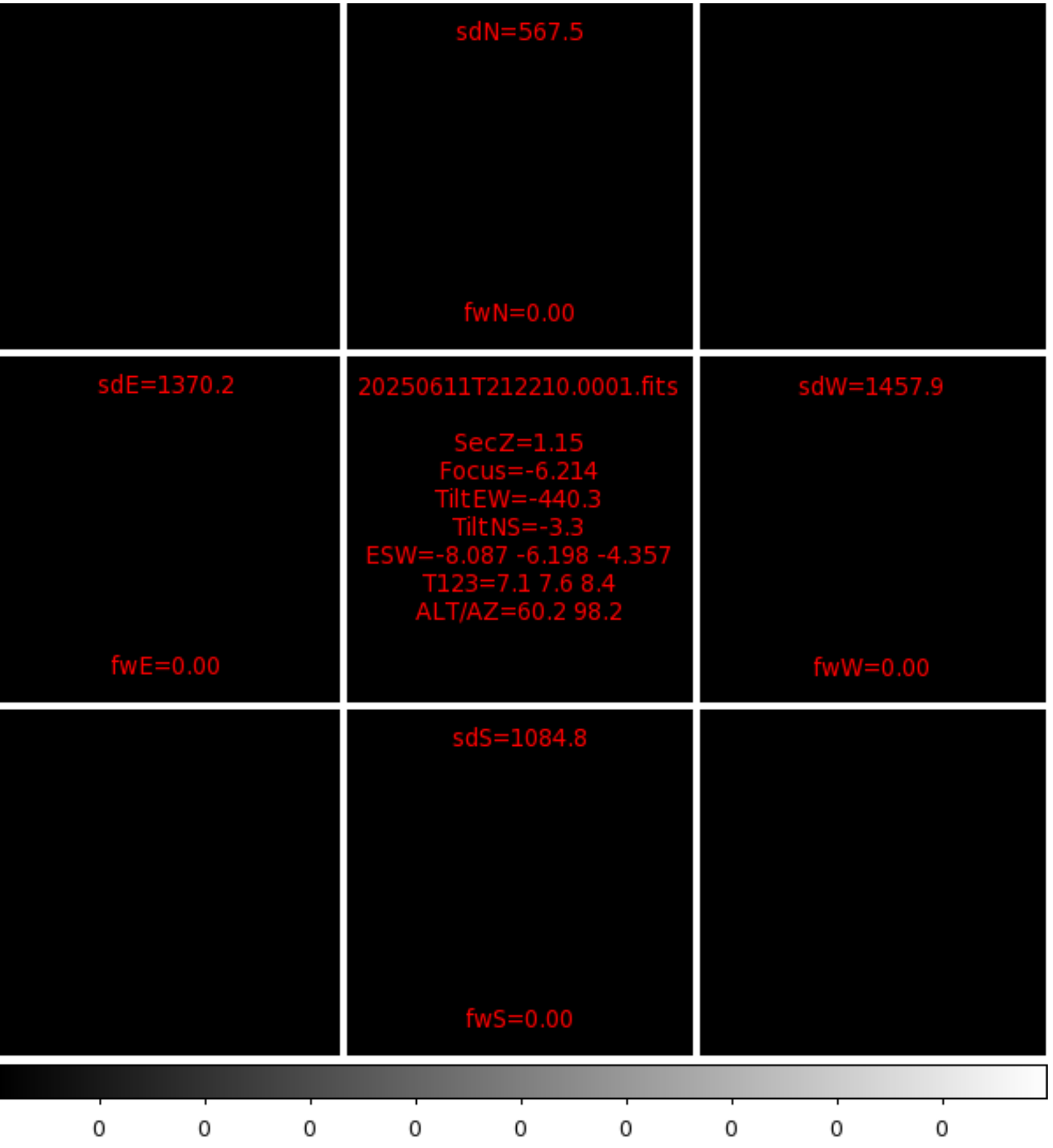
sdN=567.5
fwN=0.00
sdE=1370.2
fwE=0.00
20250611T212210.0001.fits
SecZ=1.15
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=7.1 7.6 8.4
ALT/AZ=60.2 98.2
sdW=1457.9
fwW=0.00
sdS=1084.8
fwS=0.00
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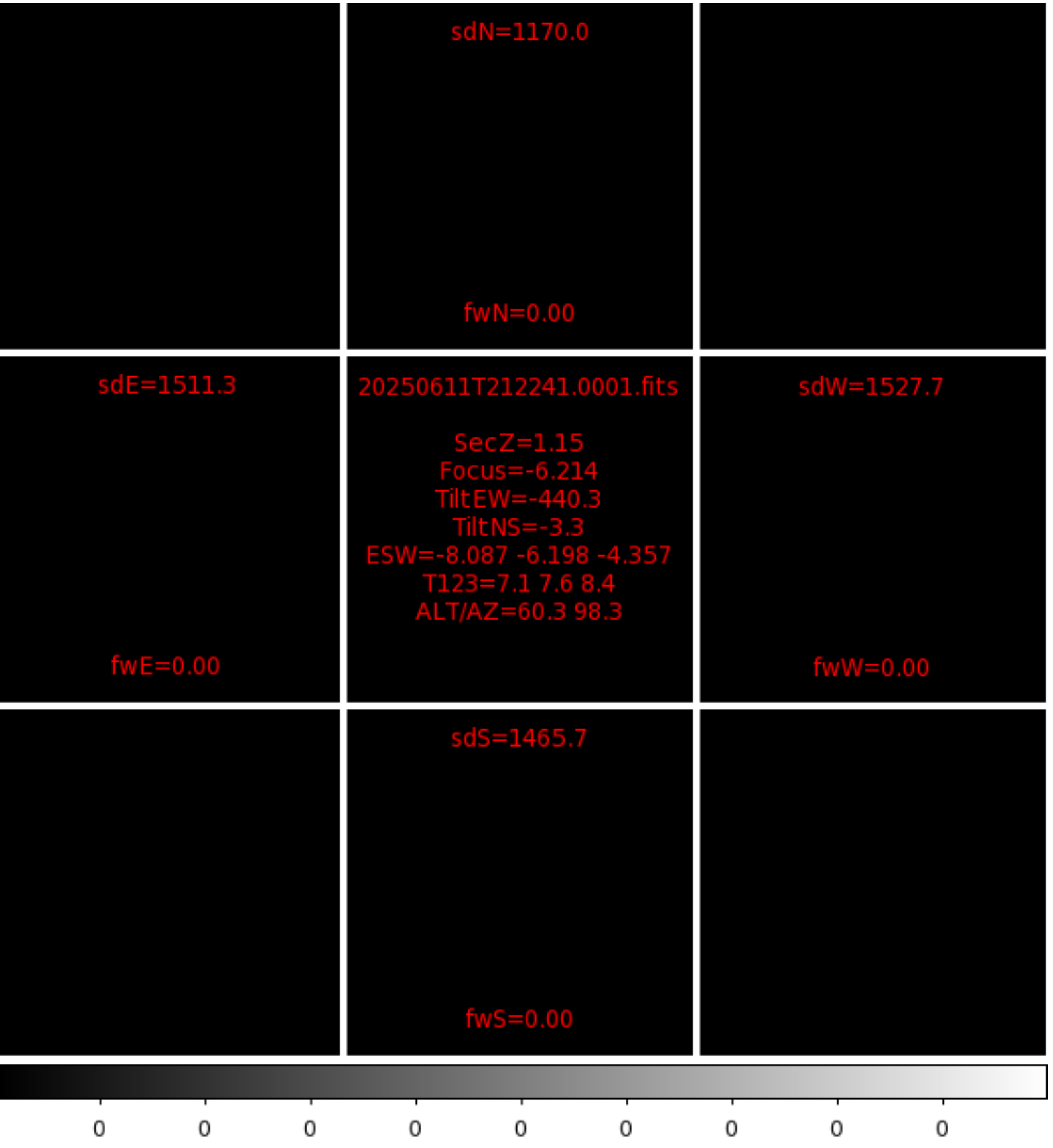
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sdE=1511.3
fwE=0.00
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SecZ=1.15
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=7.1 7.6 8.4
ALT/AZ=60.3 98.3
sdW=1527.7
fwW=0.00
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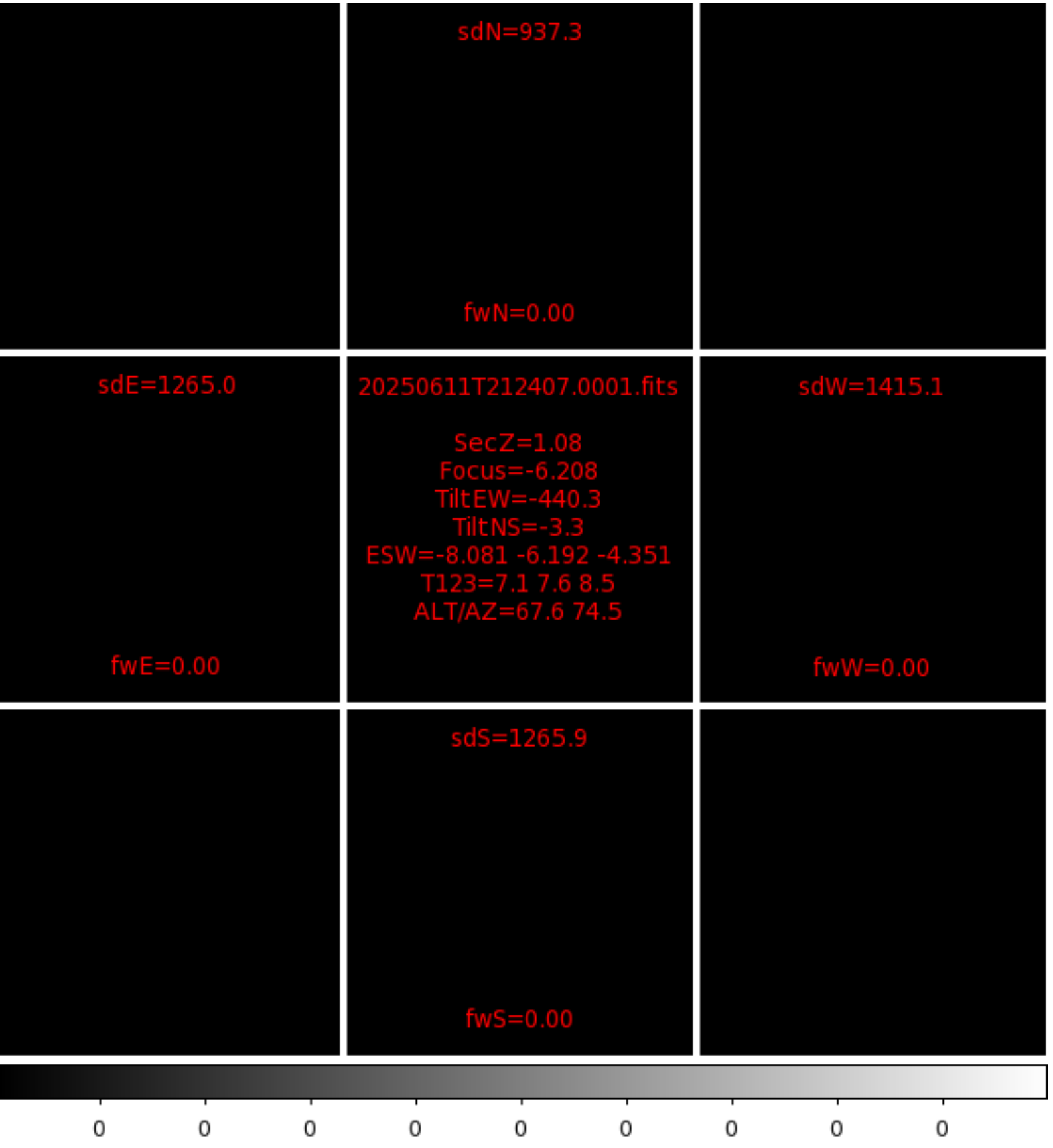
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sdE=1265.0
fwE=0.00
20250611T212407.0001.fits
SecZ=1.08
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=7.1 7.6 8.5
ALT/AZ=67.6 74.5
sdW=1415.1
fwW=0.00
sdS=1265.9
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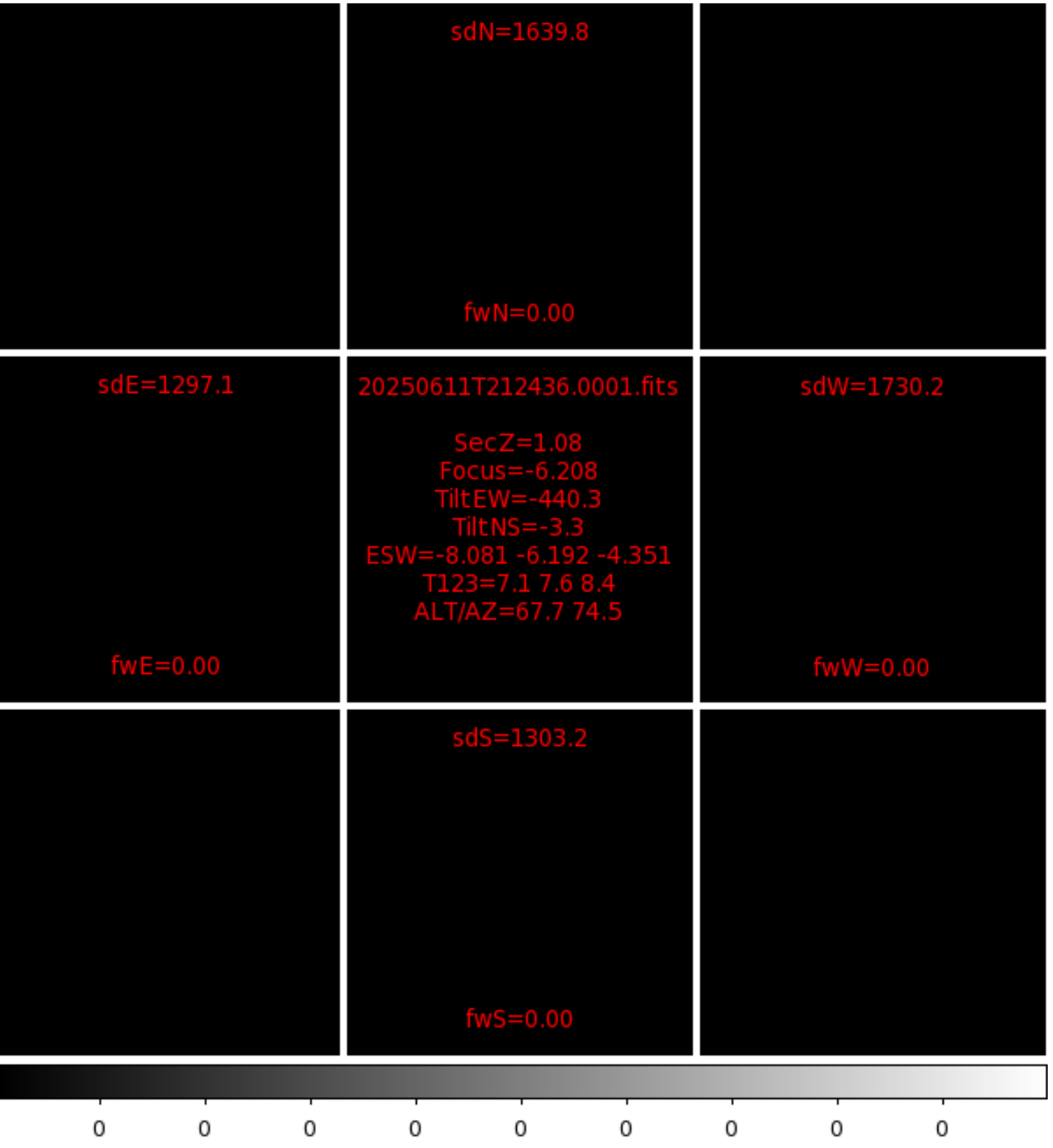
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fwN=0.00
sdE=1297.1
fwE=0.00
20250611T212436.0001.fits
SecZ=1.08
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=7.1 7.6 8.4
ALT/AZ=67.7 74.5
sdW=1730.2
fwW=0.00
sdS=1303.2
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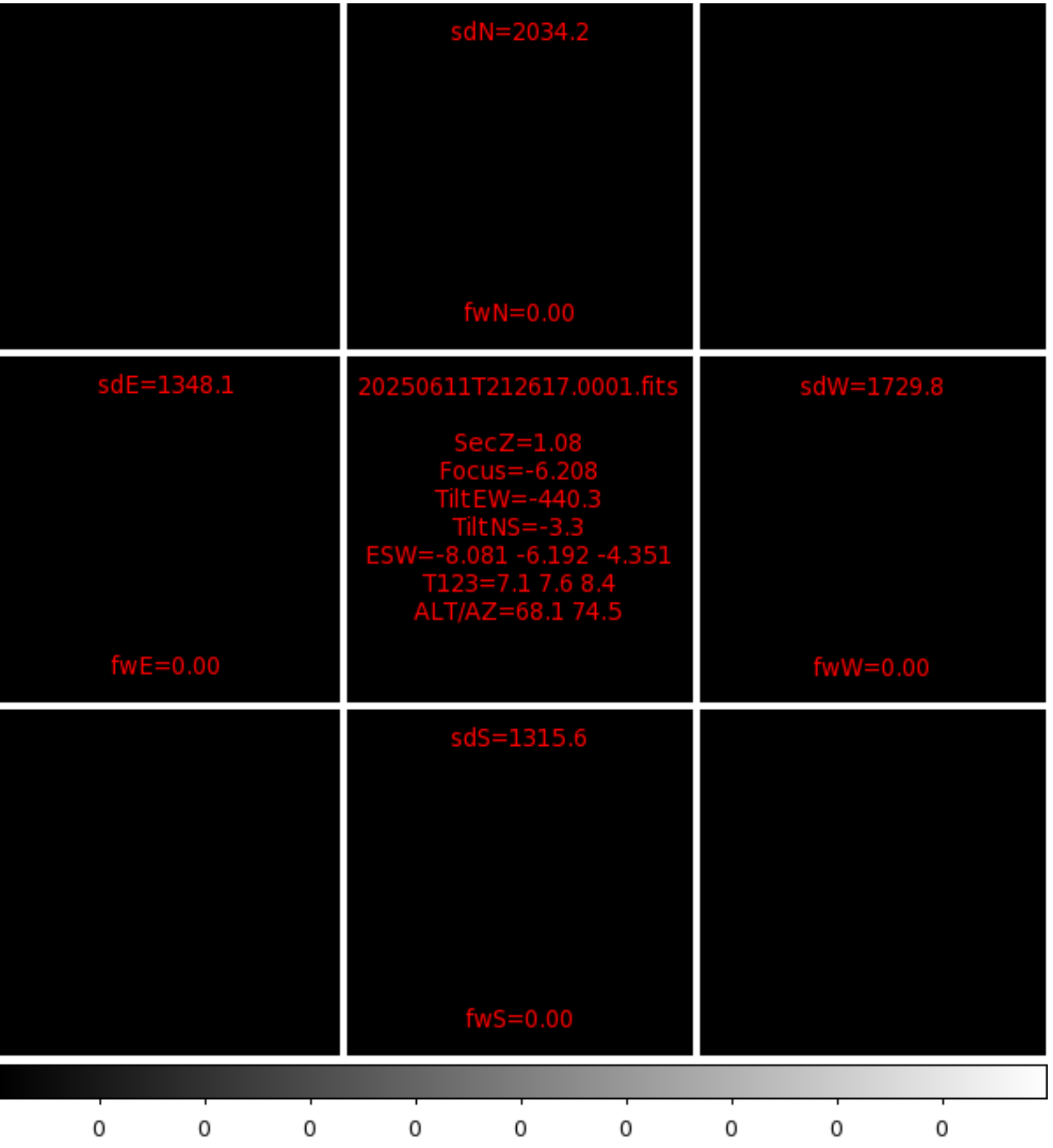
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fwN=0.00
sdE=1348.1
fwE=0.00
20250611T212617.0001.fits
SecZ=1.08
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=7.1 7.6 8.4
ALT/AZ=68.1 74.5
sdW=1729.8
fwW=0.00
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fwS=0.00
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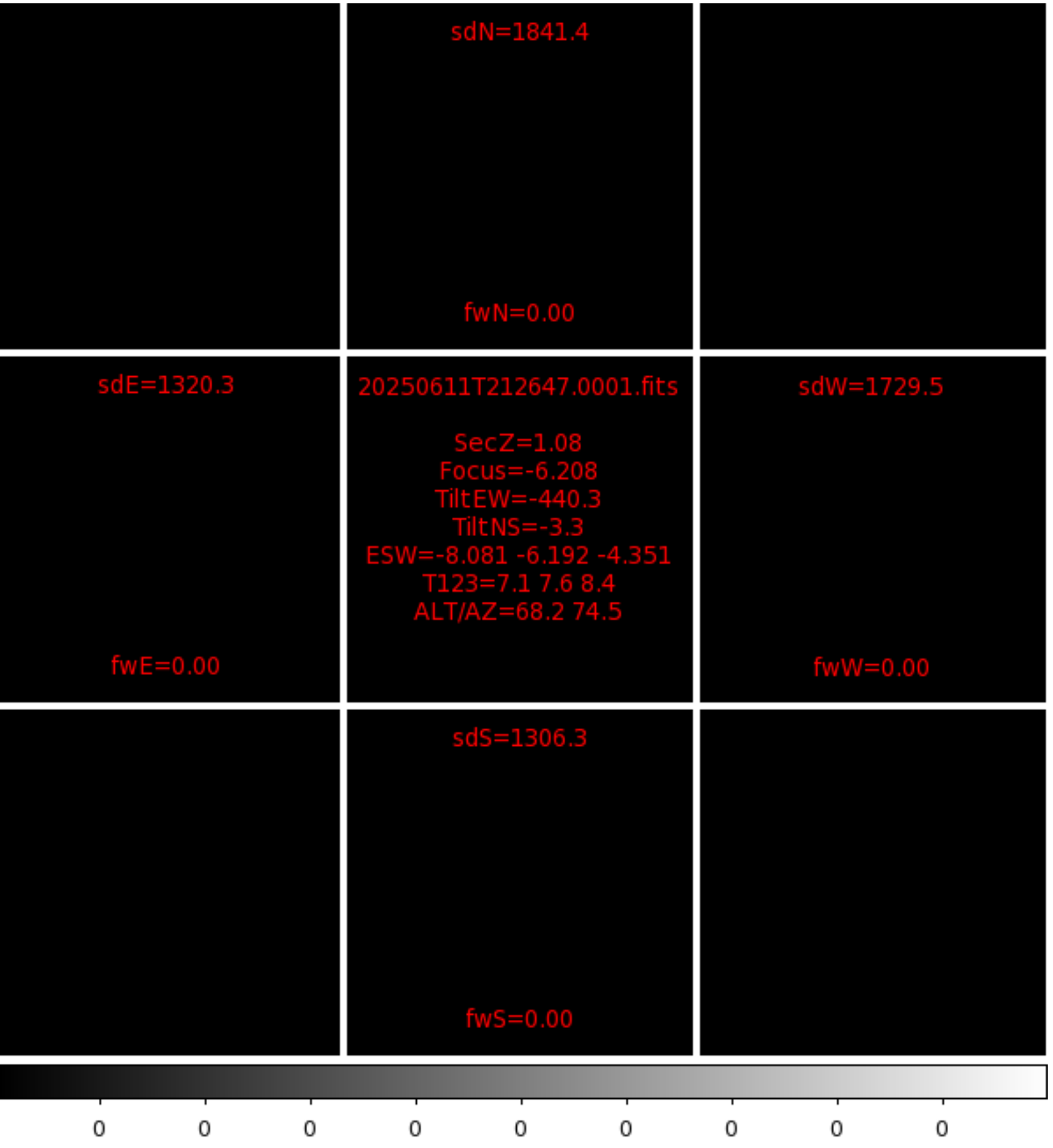
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fwN=0.00
sdE=1320.3
fwE=0.00
20250611T212647.0001.fits
SecZ=1.08
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=7.1 7.6 8.4
ALT/AZ=68.2 74.5
sdW=1729.5
fwW=0.00
sdS=1306.3
fwS=0.00
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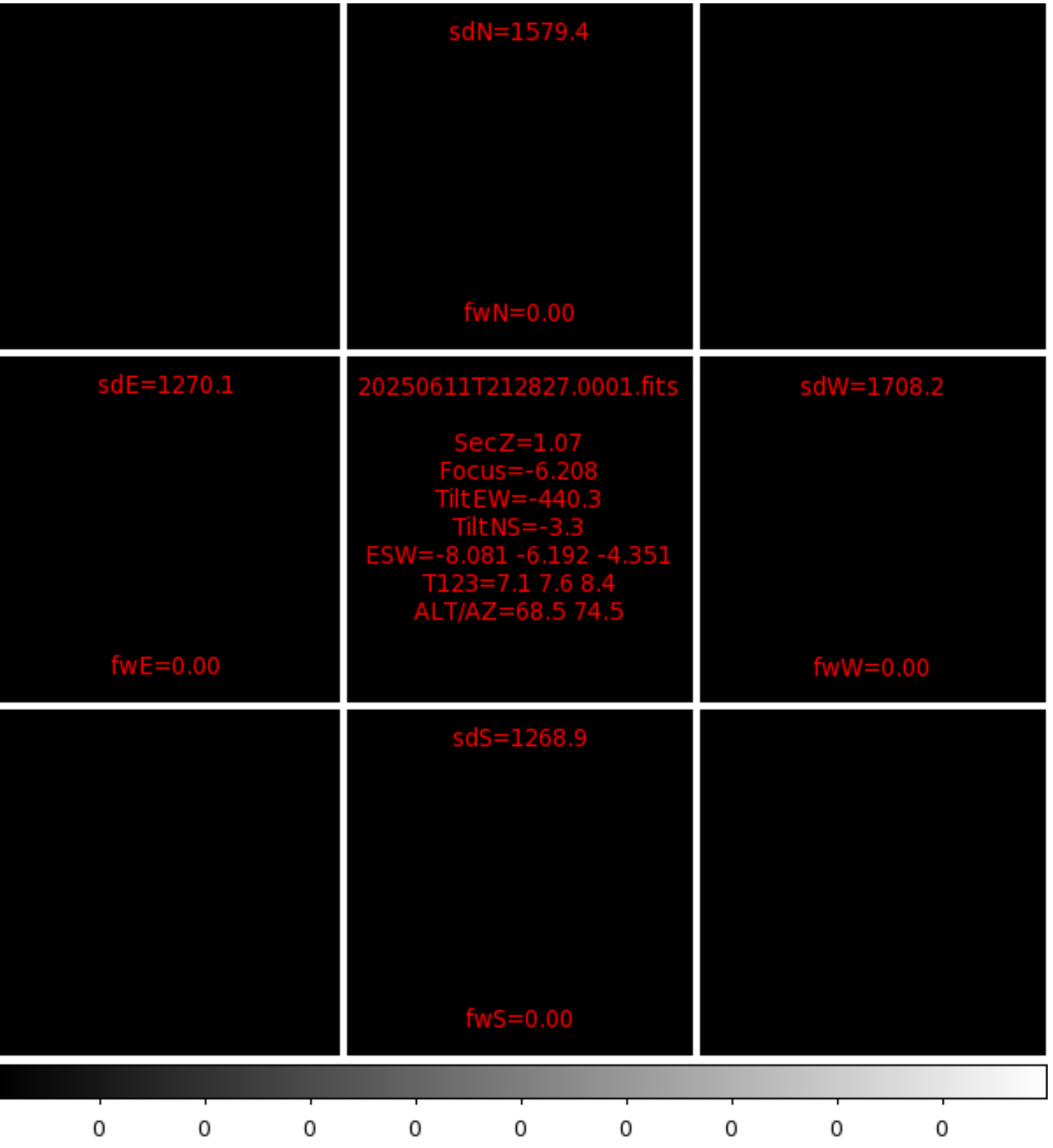
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sdE=1270.1
fwE=0.00
20250611T212827.0001.fits
SecZ=1.07
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=7.1 7.6 8.4
ALT/AZ=68.5 74.5
sdW=1708.2
fwW=0.00
sdS=1268.9
fwS=0.00
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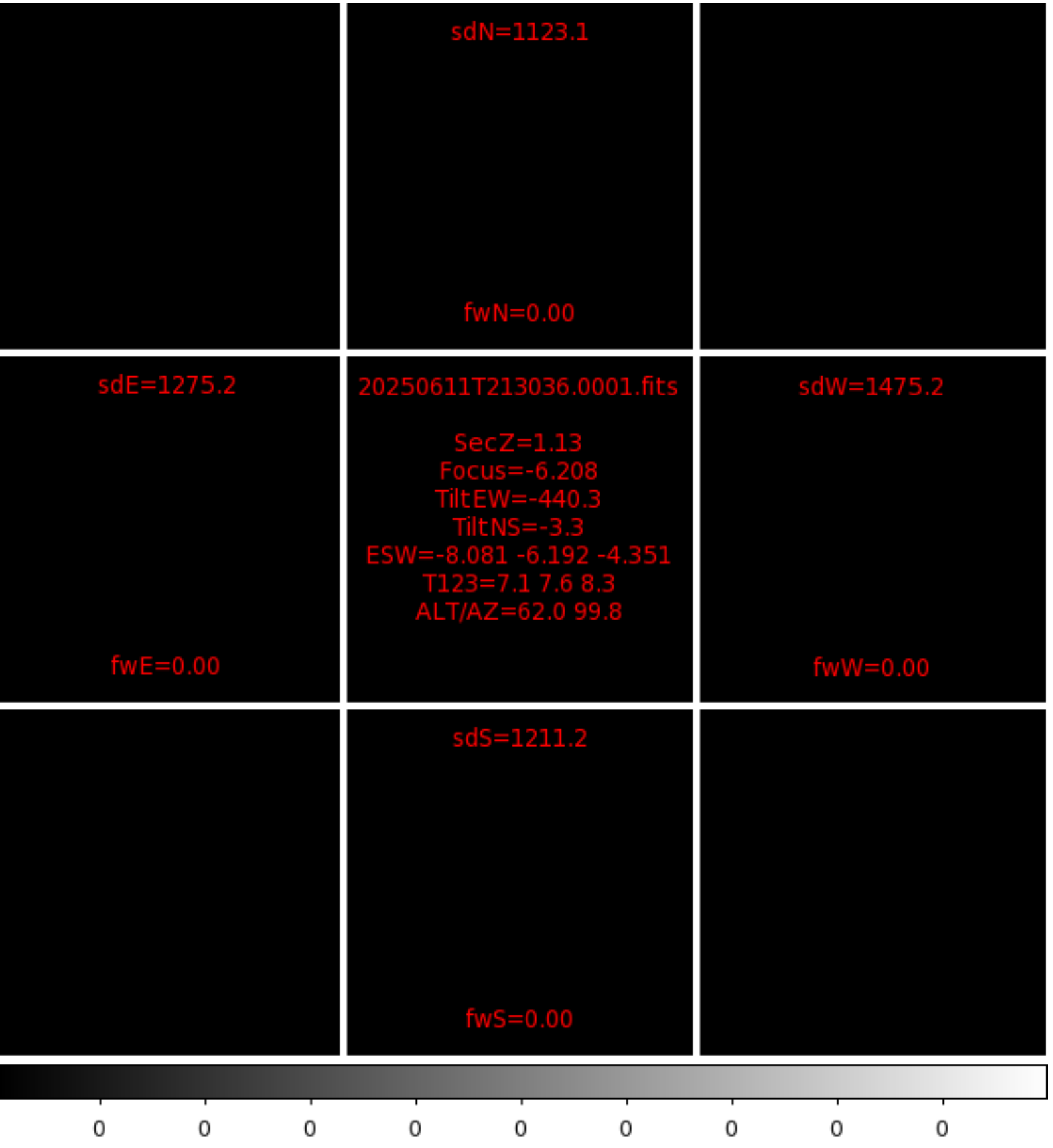
sdN=1123.1
fwN=0.00
sdE=1275.2
fwE=0.00
20250611T213036.0001.fits
SecZ=1.13
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=7.1 7.6 8.3
ALT/AZ=62.0 99.8
sdW=1475.2
fwW=0.00
sdS=1211.2
fwS=0.00
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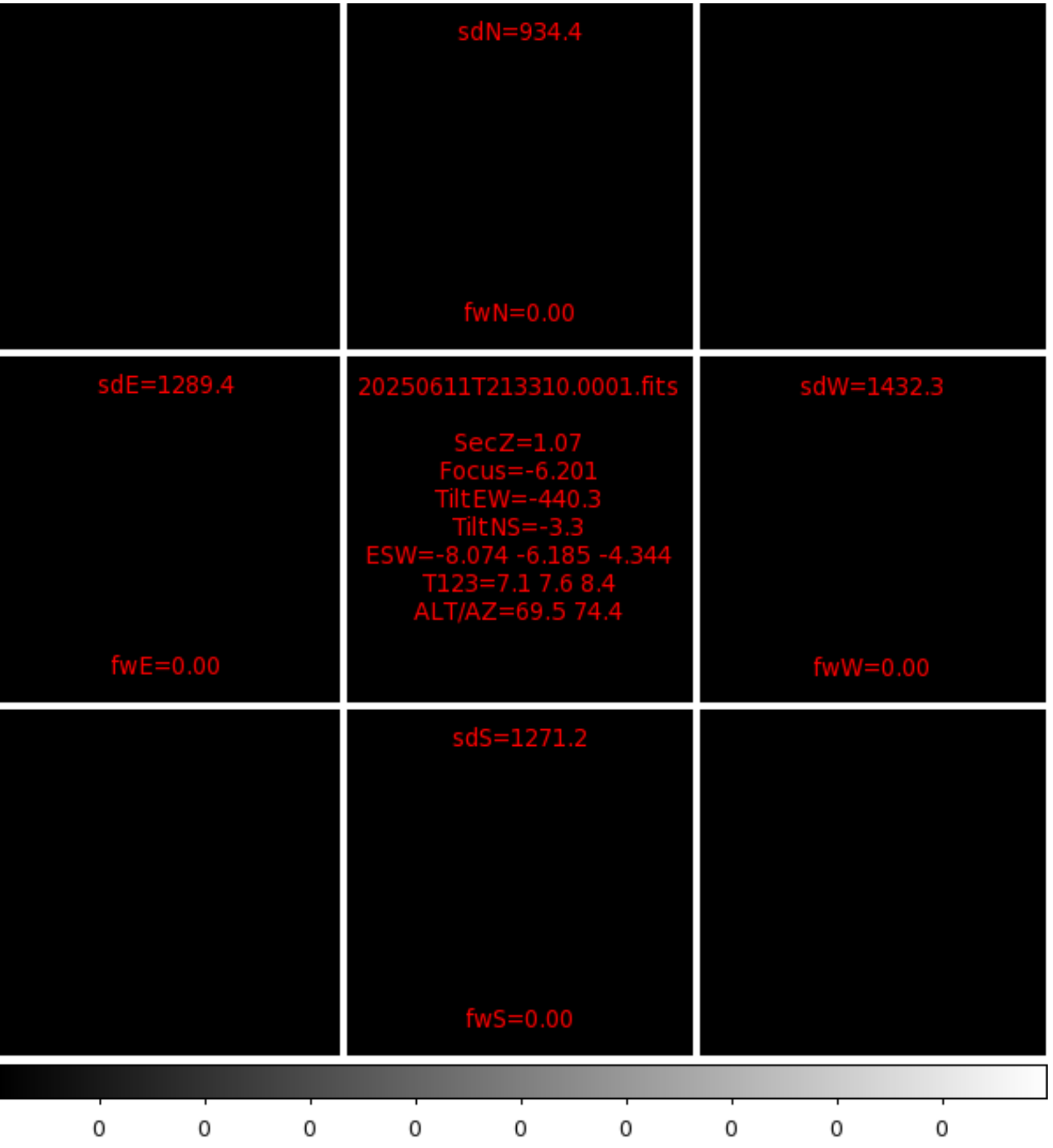
sdN=934.4
fwN=0.00
sdE=1289.4
fwE=0.00
20250611T213310.0001.fits
SecZ=1.07
Focus=-6.201
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.074 -6.185 -4.344
T123=7.1 7.6 8.4
ALT/AZ=69.5 74.4
sdW=1432.3
fwW=0.00
sdS=1271.2
fwS=0.00
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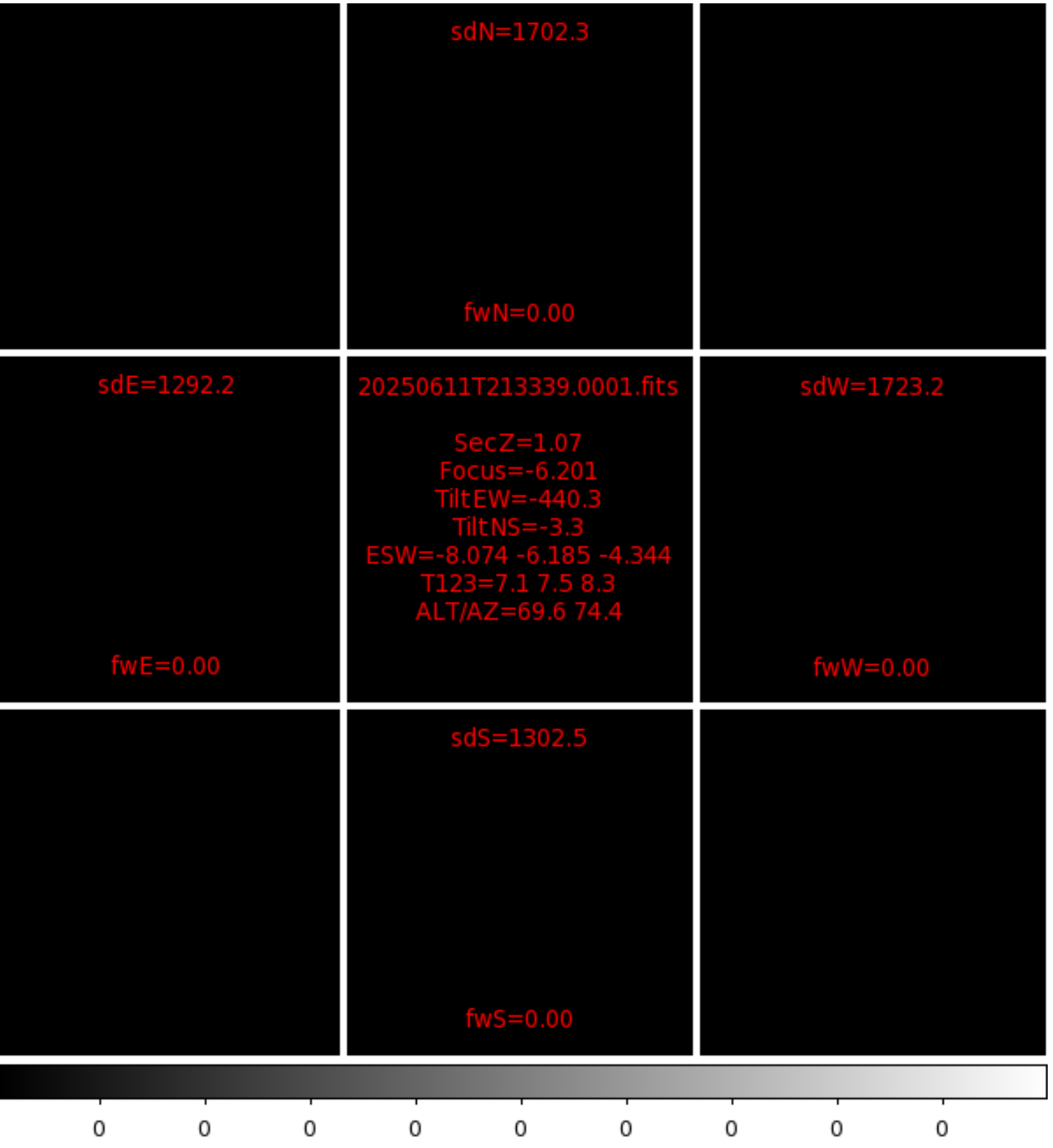
sdN=1702.3
fwN=0.00
sdE=1292.2
fwE=0.00
20250611T213339.0001.fits
SecZ=1.07
Focus=-6.201
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.074 -6.185 -4.344
T123=7.1 7.5 8.3
ALT/AZ=69.6 74.4
sdW=1723.2
fwW=0.00
sdS=1302.5
fwS=0.00
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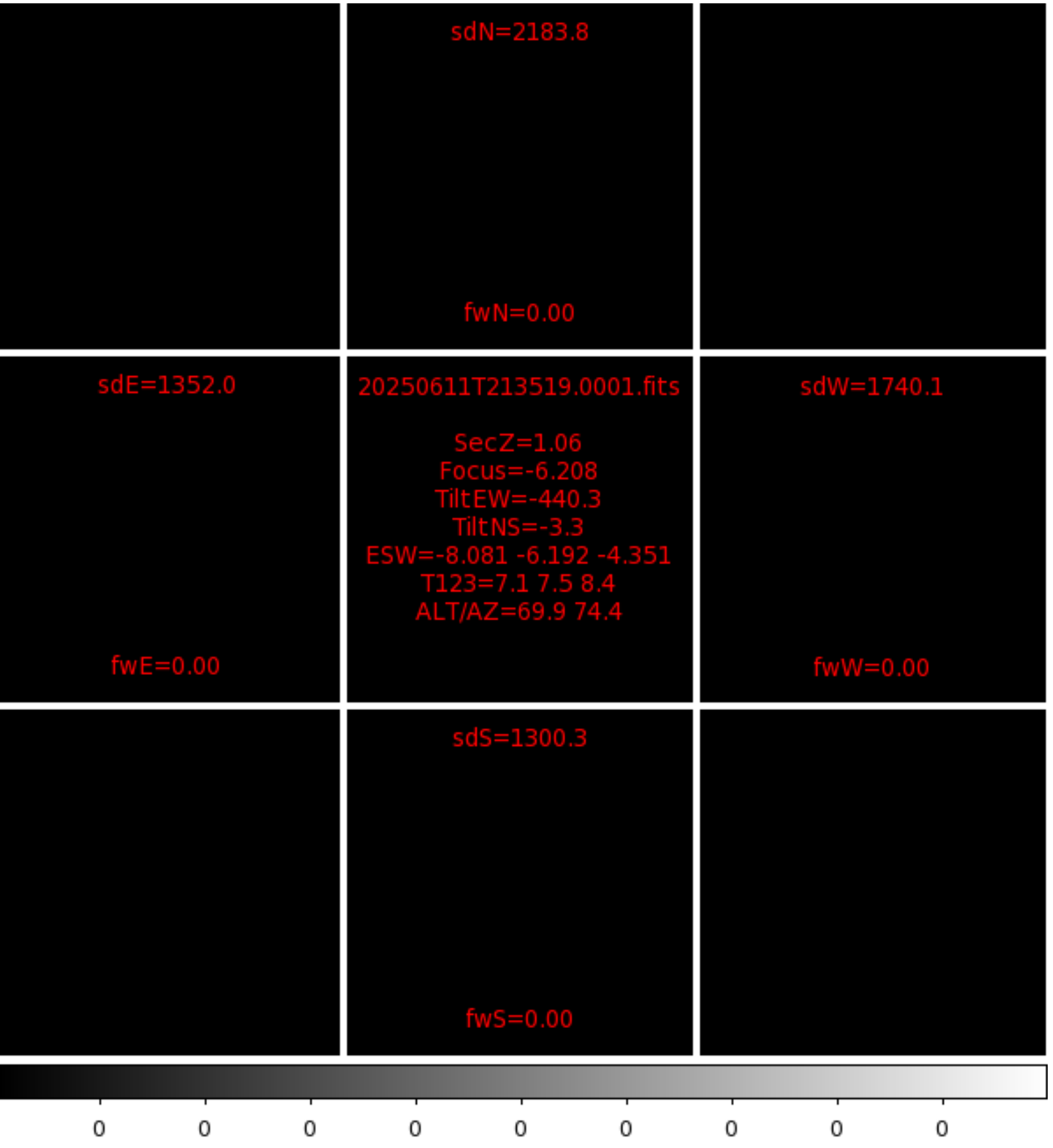
sdN=2183.8
fwN=0.00
sdE=1352.0
fwE=0.00
20250611T213519.0001.fits
SecZ=1.06
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=7.1 7.5 8.4
ALT/AZ=69.9 74.4
sdW=1740.1
fwW=0.00
sdS=1300.3
fwS=0.00
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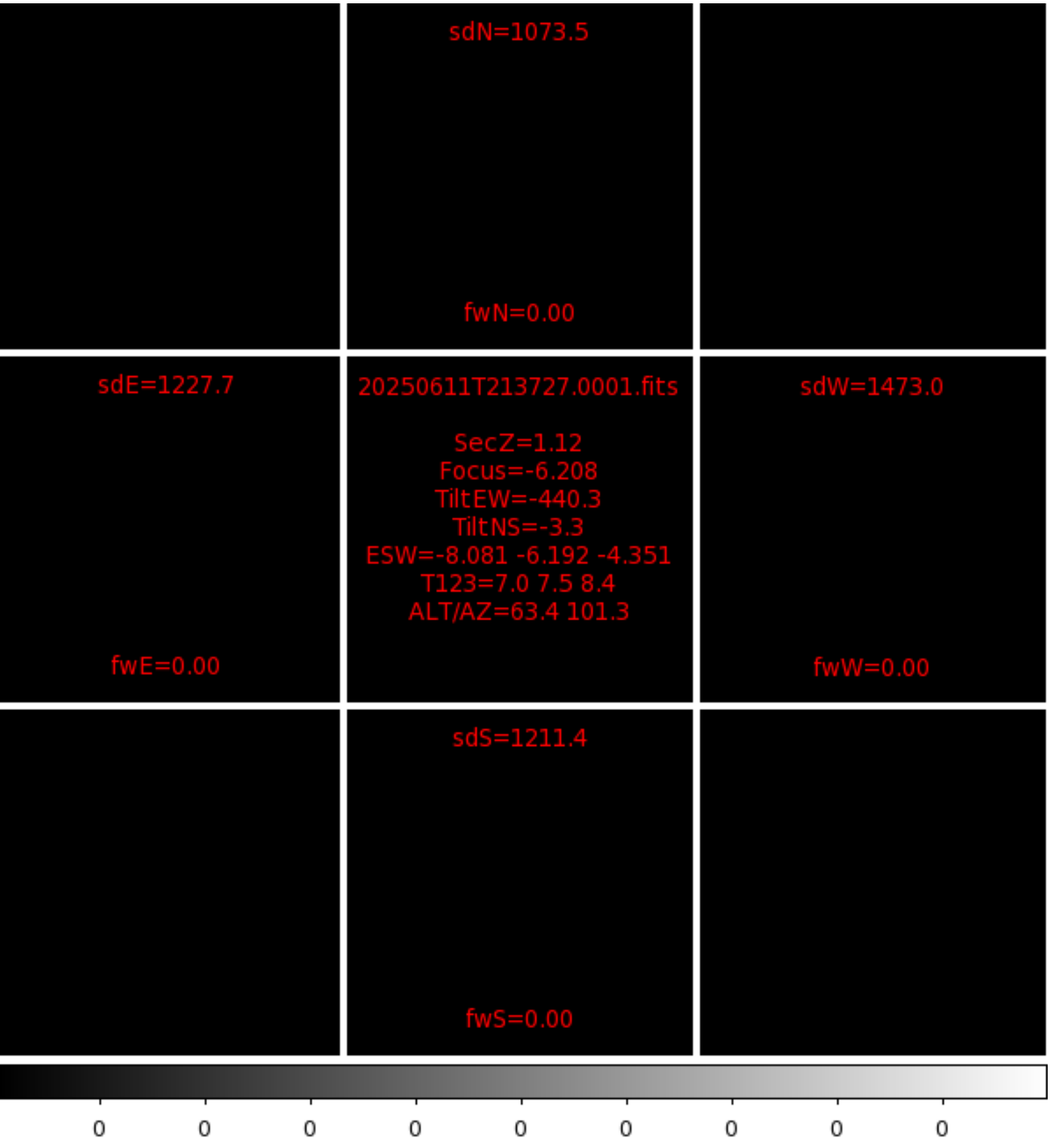
sdN=1073.5
fwN=0.00
sdE=1227.7
fwE=0.00
20250611T213727.0001.fits
SecZ=1.12
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=7.0 7.5 8.4
ALT/AZ=63.4 101.3
sdW=1473.0
fwW=0.00
sdS=1211.4
fwS=0.00
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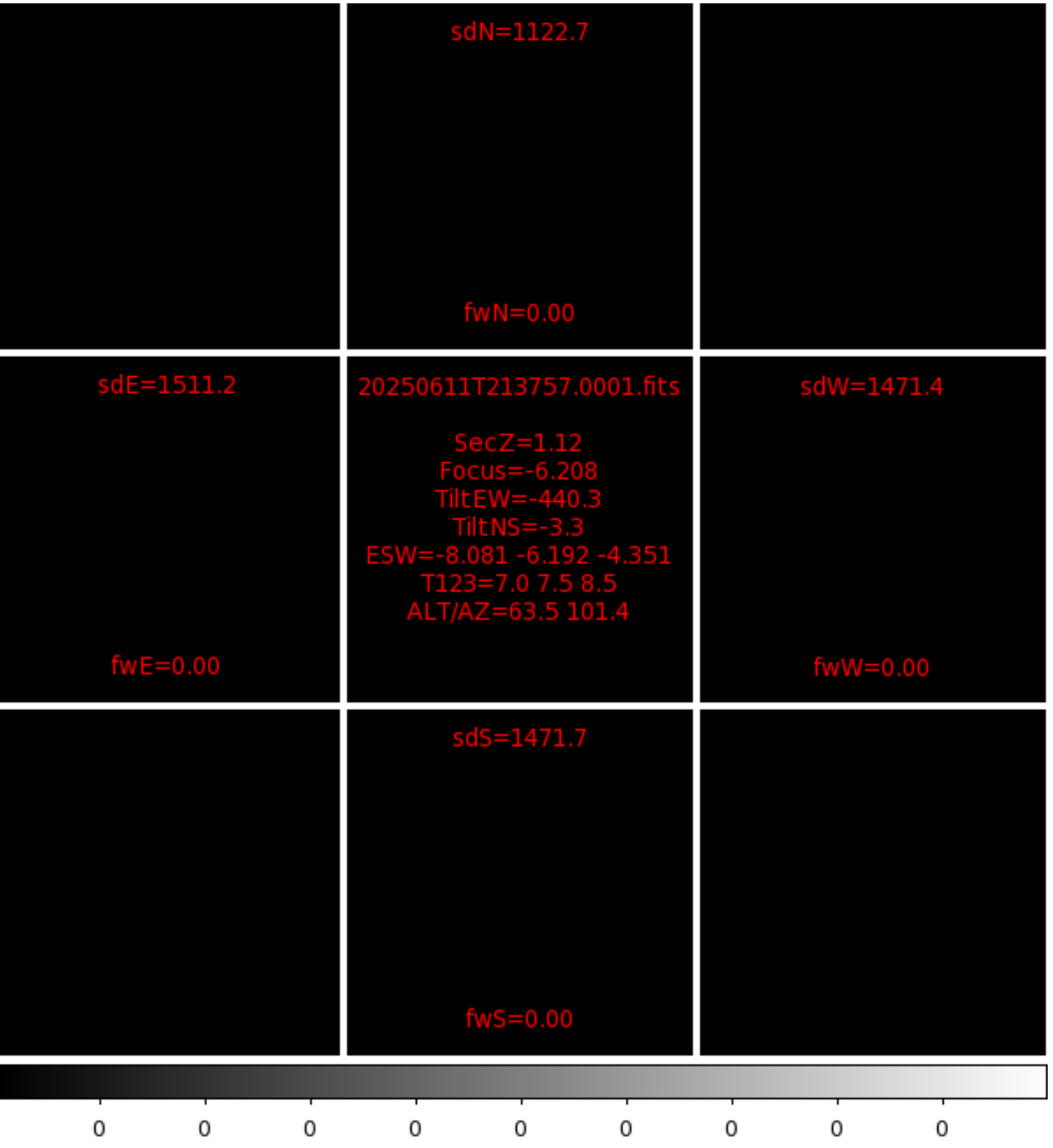
sdN=1122.7
fwN=0.00
sdE=1511.2
fwE=0.00
20250611T213757.0001.fits
SecZ=1.12
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=7.0 7.5 8.5
ALT/AZ=63.5 101.4
sdW=1471.4
fwW=0.00
sdS=1471.7
fwS=0.00
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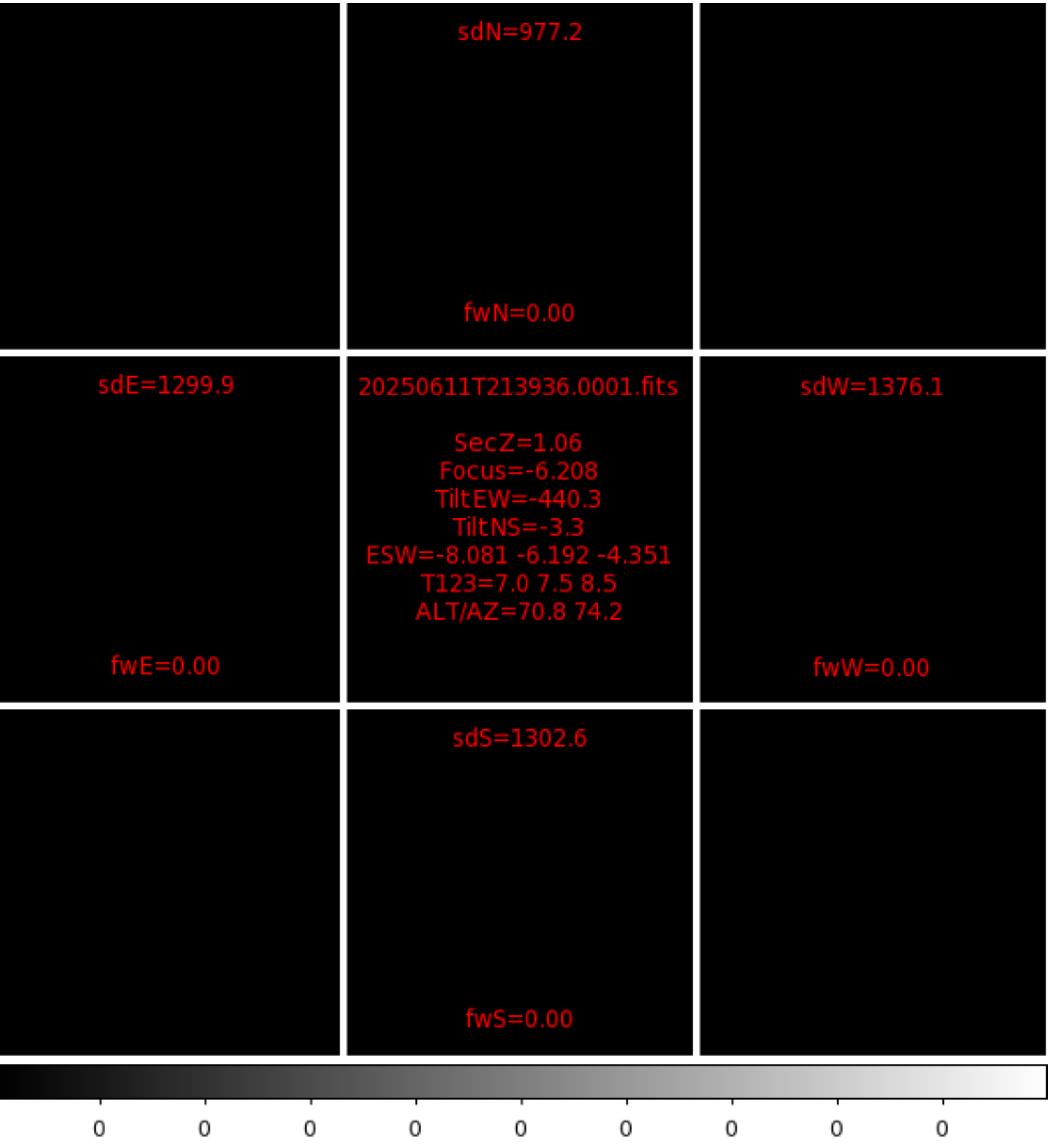
sdN=977.2
fwN=0.00
sdE=1299.9
fwE=0.00
20250611T213936.0001.fits
SecZ=1.06
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=7.0 7.5 8.5
ALT/AZ=70.8 74.2
sdW=1376.1
fwW=0.00
sdS=1302.6
fwS=0.00
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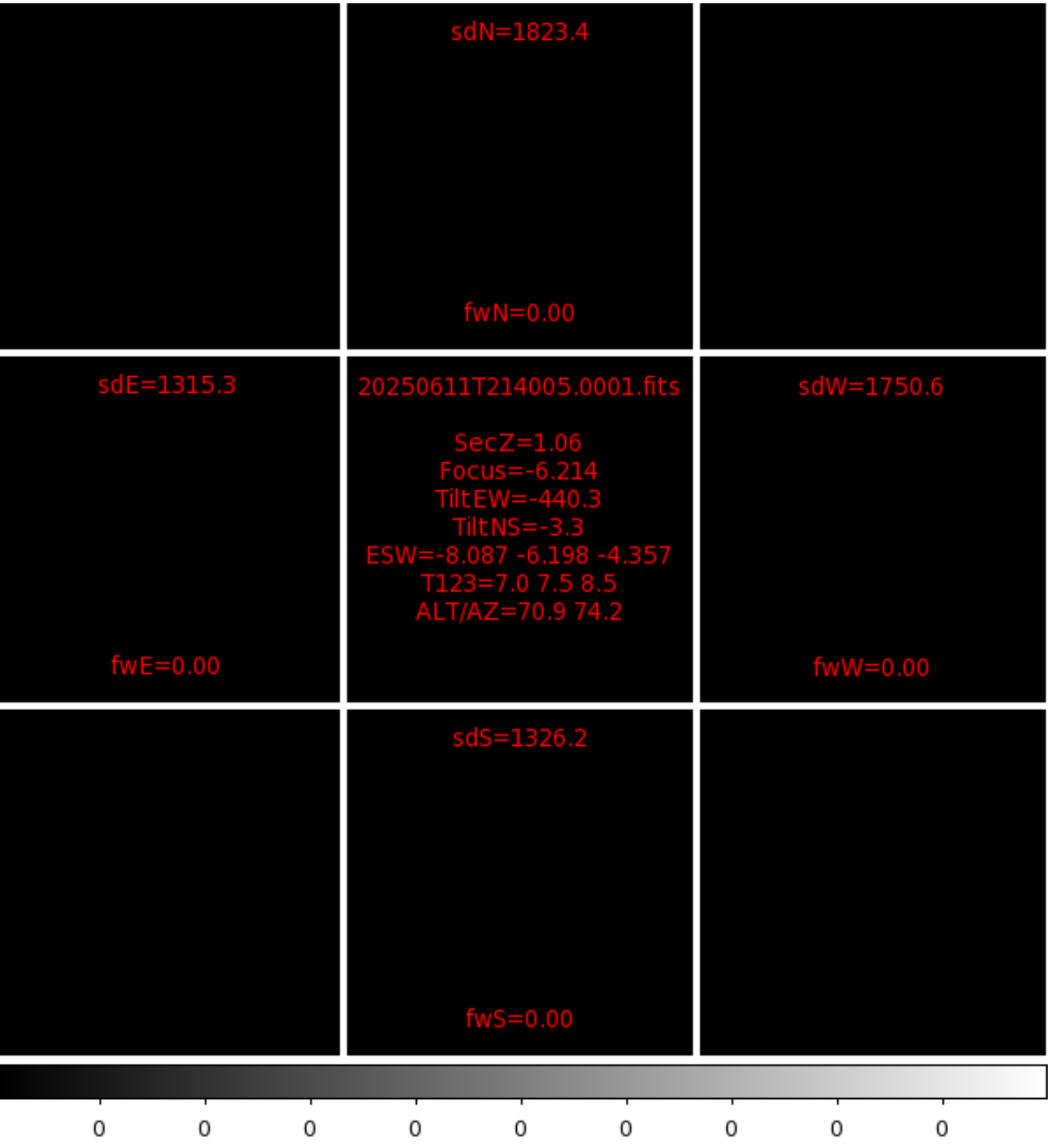
sdN=1823.4
fwN=0.00
sdE=1315.3
fwE=0.00
20250611T214005.0001.fits
SecZ=1.06
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=7.0 7.5 8.5
ALT/AZ=70.9 74.2
sdW=1750.6
fwW=0.00
sdS=1326.2
fwS=0.00
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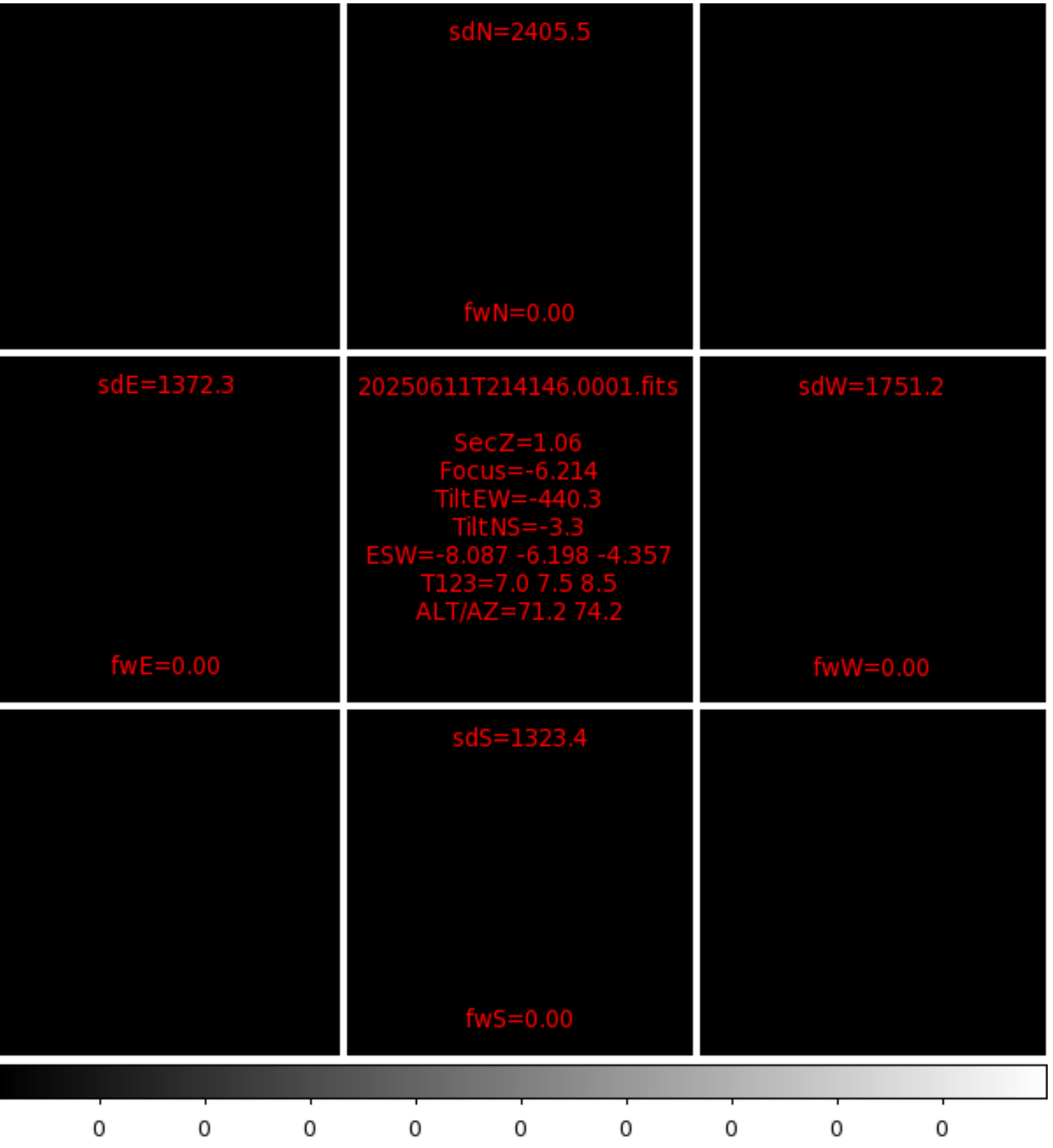
sdN=2405.5
fwN=0.00
sdE=1372.3
fwE=0.00
20250611T214146.0001.fits
SecZ=1.06
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=7.0 7.5 8.5
ALT/AZ=71.2 74.2
sdW=1751.2
fwW=0.00
sdS=1323.4
fwS=0.00
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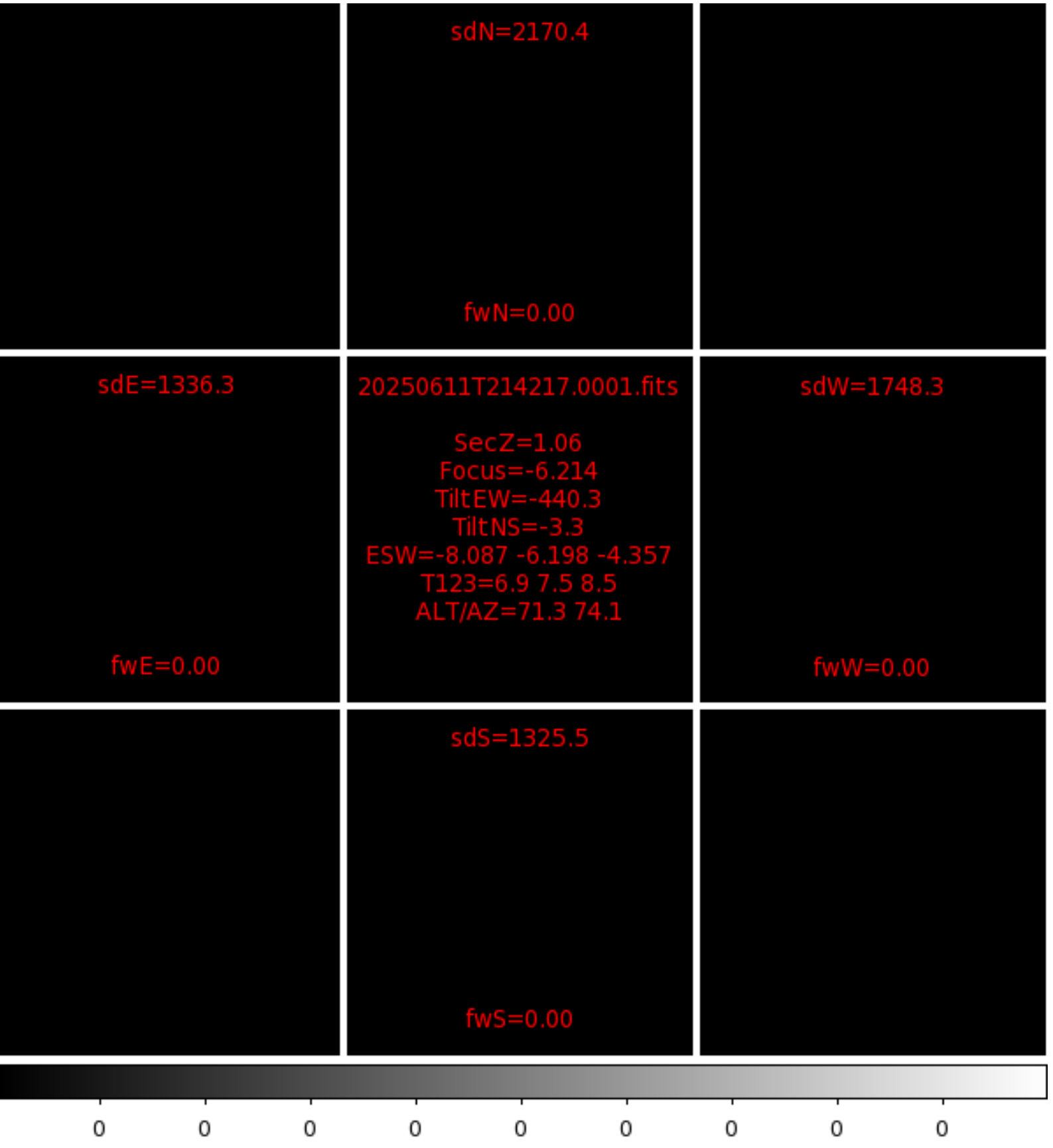
sdN=2170.4
fwN=0.00
sdE=1336.3
fwE=0.00
20250611T214217.0001.fits
SecZ=1.06
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.5 8.5
ALT/AZ=71.3 74.1
sdW=1748.3
fwW=0.00
sdS=1325.5
fwS=0.00
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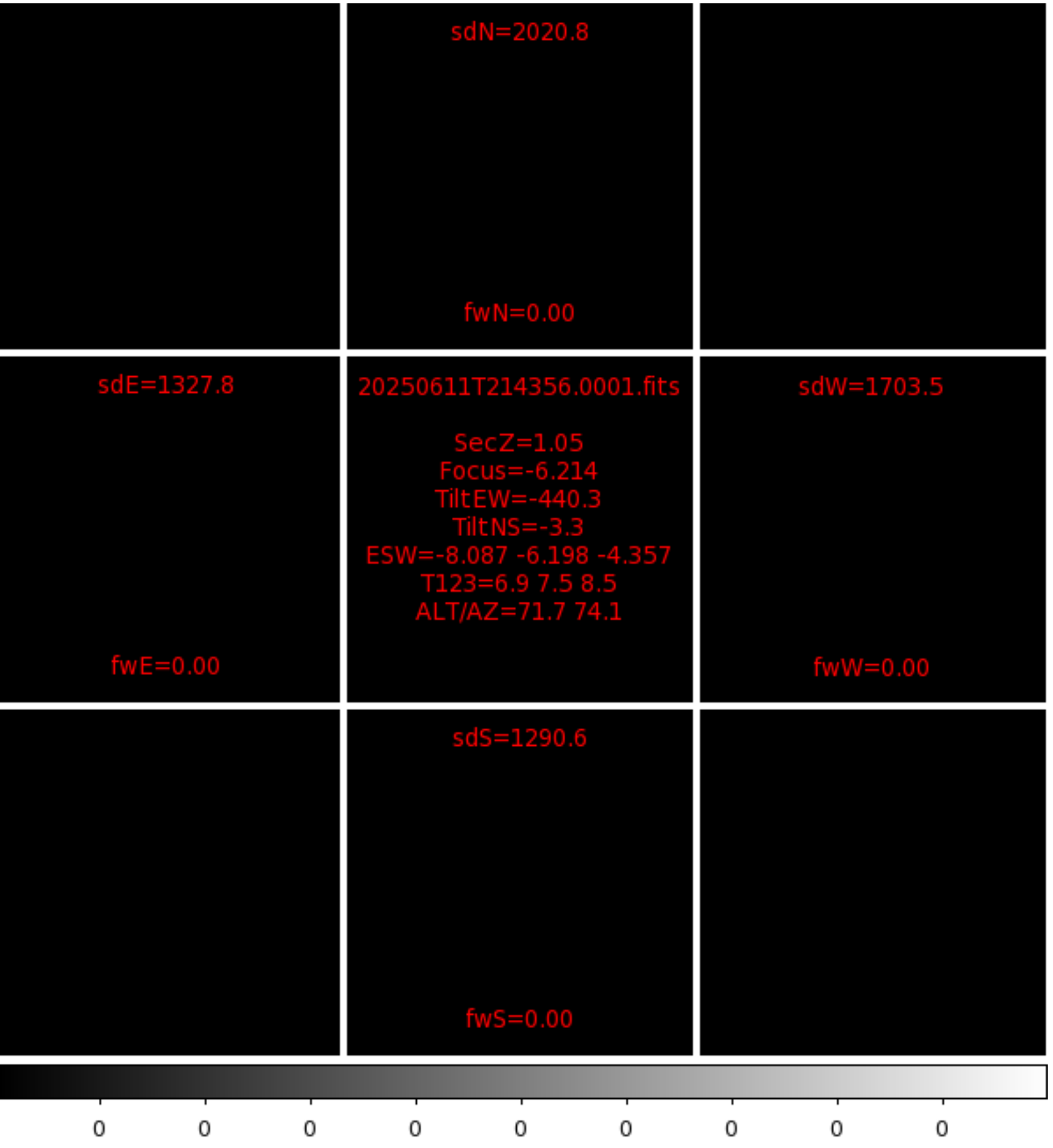
sdN=2020.8
fwN=0.00
sdE=1327.8
fwE=0.00
20250611T214356.0001.fits
SecZ=1.05
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.5 8.5
ALT/AZ=71.7 74.1
sdW=1703.5
fwW=0.00
sdS=1290.6
fwS=0.00
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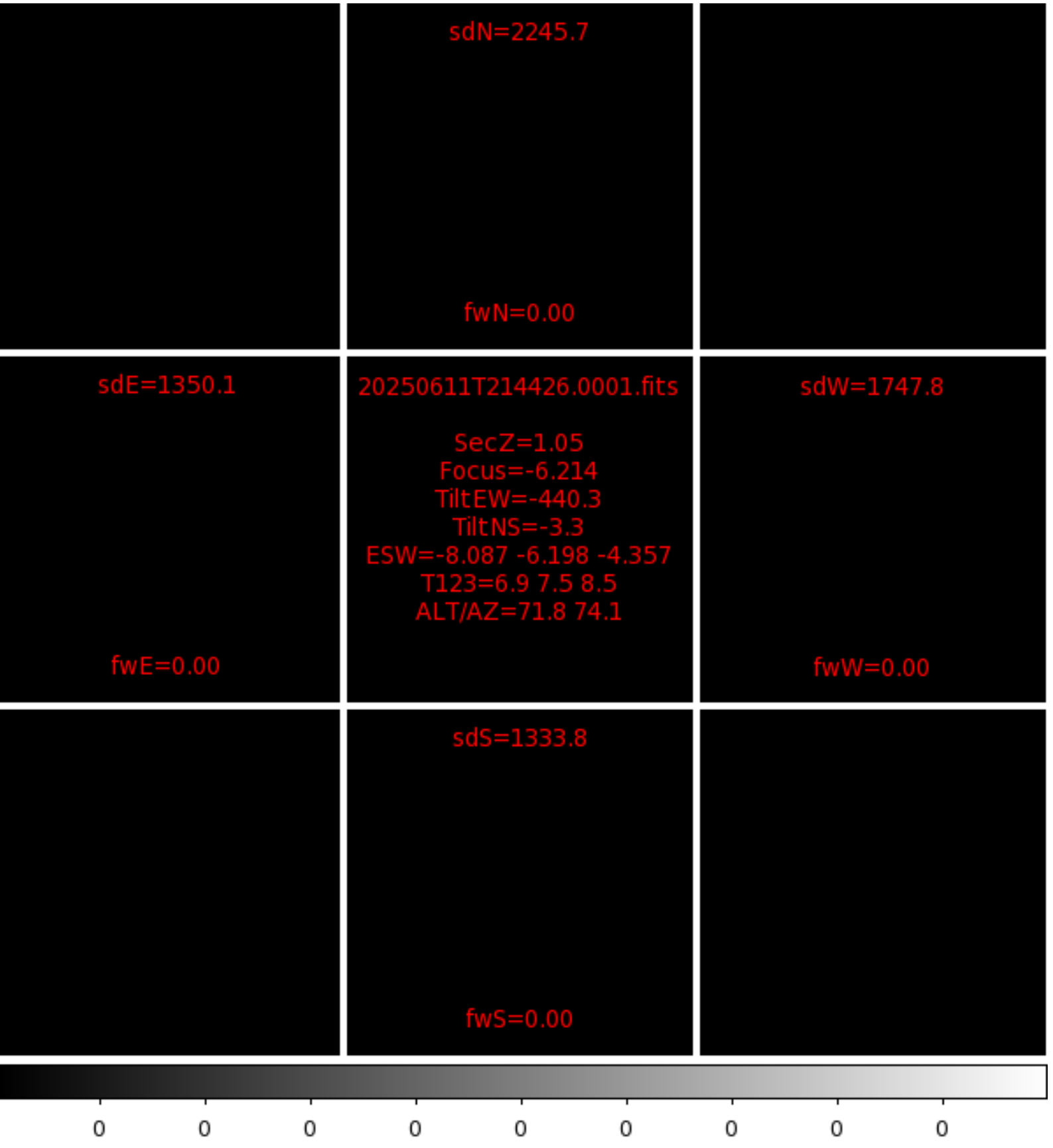
sdN=2245.7
fwN=0.00
sdE=1350.1
fwE=0.00
20250611T214426.0001.fits
SecZ=1.05
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.5 8.5
ALT/AZ=71.8 74.1
sdW=1747.8
fwW=0.00
sdS=1333.8
fwS=0.00
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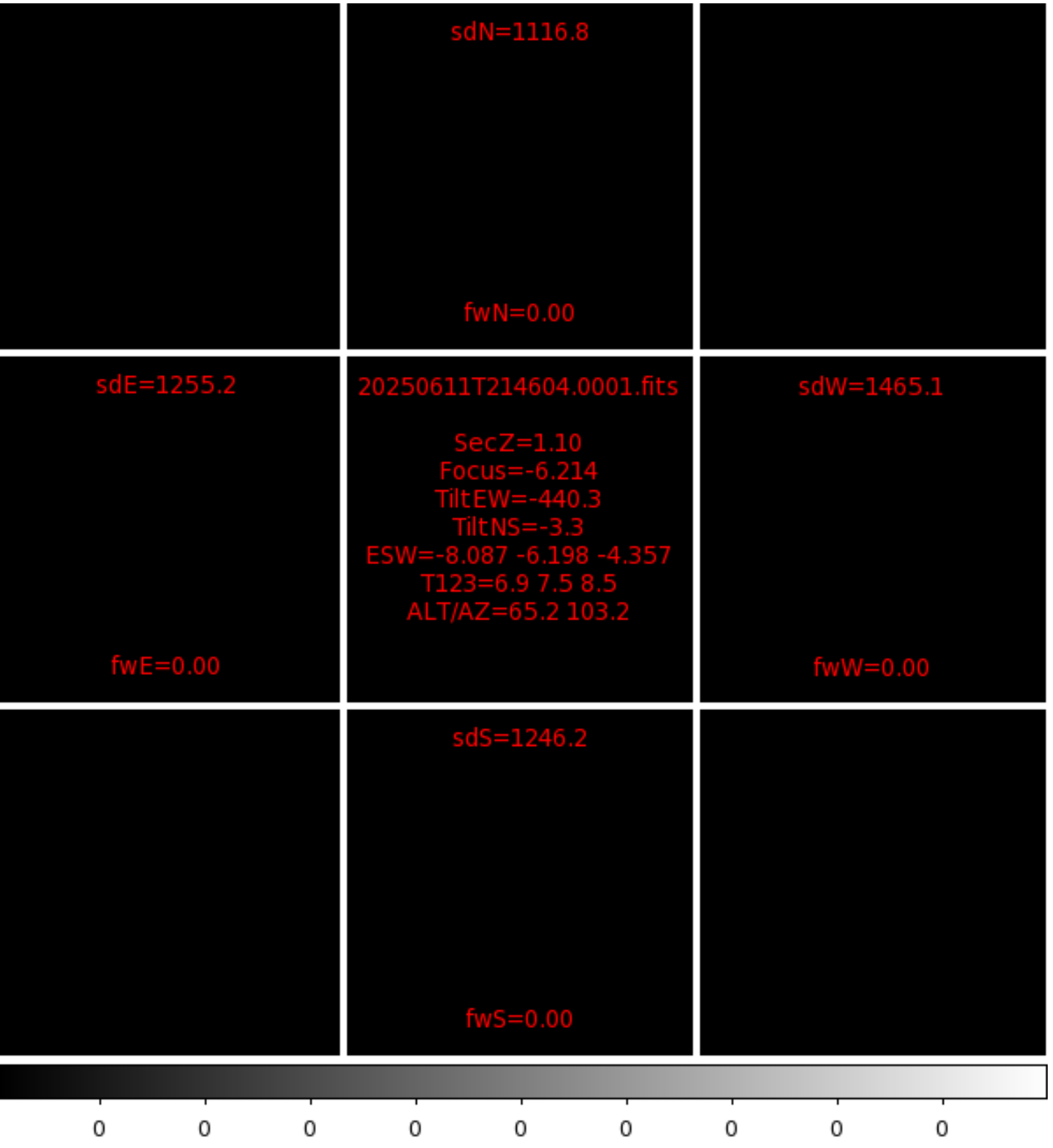
sdN=1116.8
fwN=0.00
sdE=1255.2
fwE=0.00
20250611T214604.0001.fits
SecZ=1.10
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.5 8.5
ALT/AZ=65.2 103.2
sdW=1465.1
fwW=0.00
sdS=1246.2
fwS=0.00
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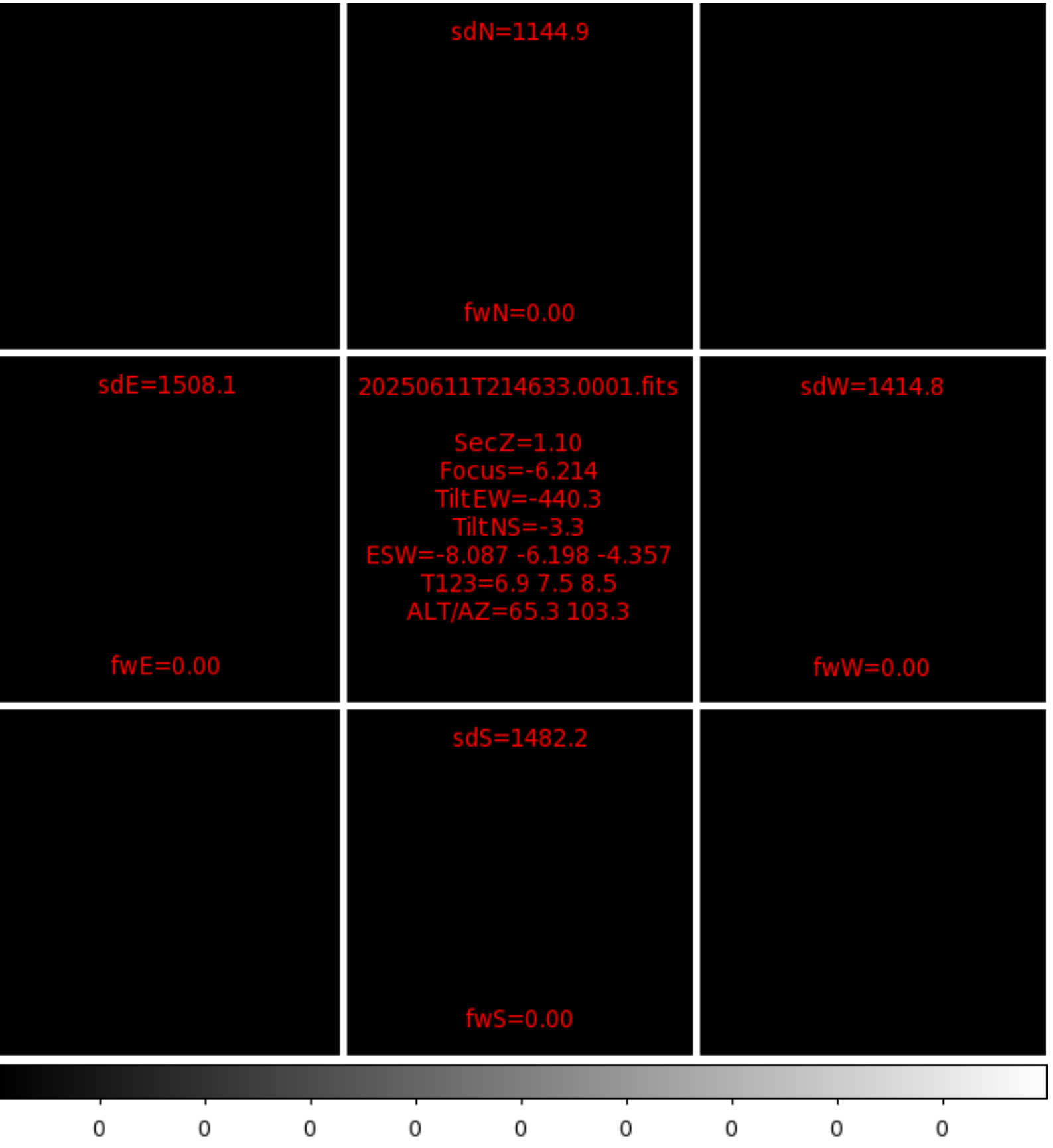
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fwN=0.00
sdE=1508.1
fwE=0.00
20250611T214633.0001.fits
SecZ=1.10
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.5 8.5
ALT/AZ=65.3 103.3
sdW=1414.8
fwW=0.00
sdS=1482.2
fwS=0.00
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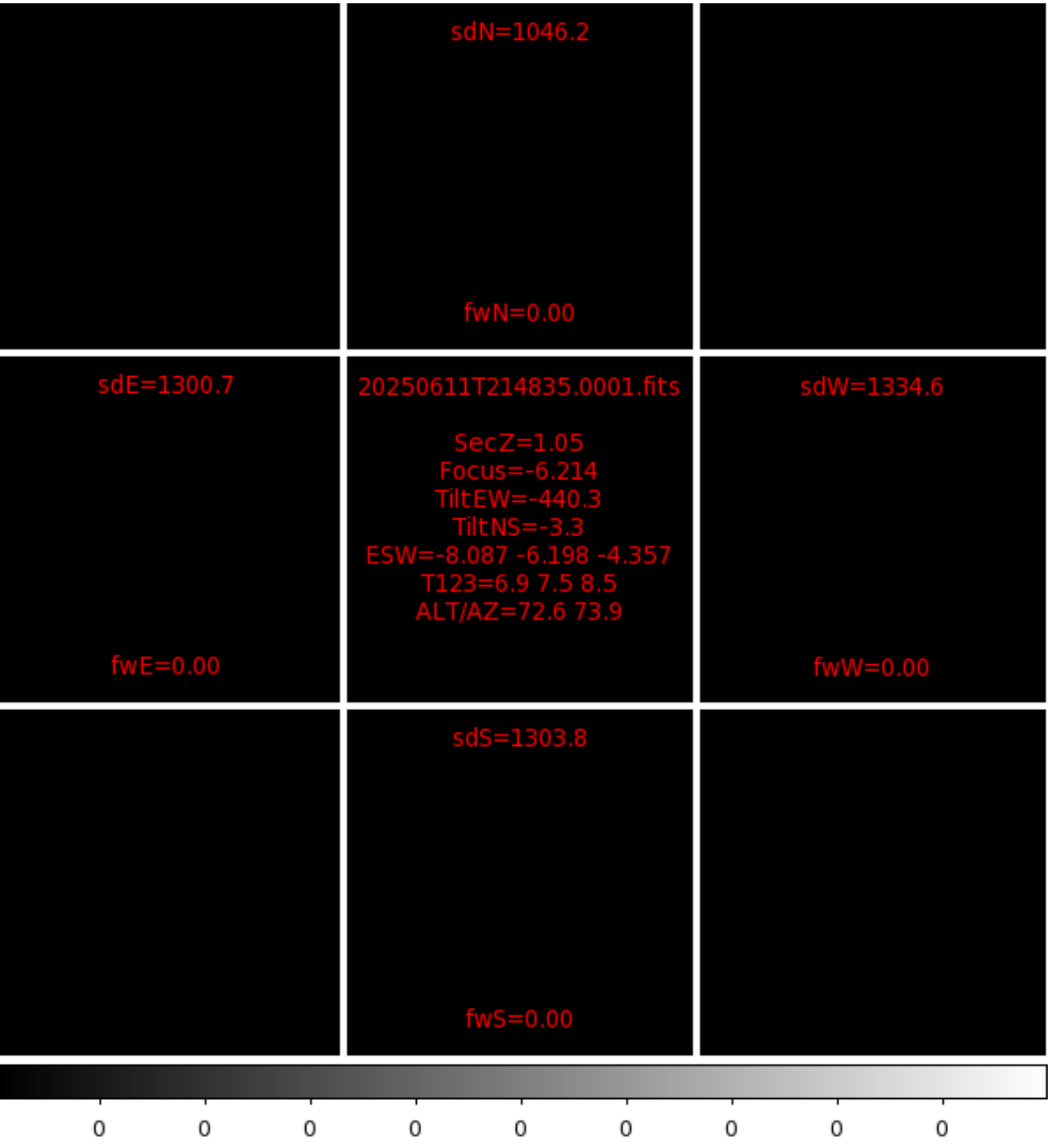
sdN=1046.2
fwN=0.00
sdE=1300.7
fwE=0.00
20250611T214835.0001.fits
SecZ=1.05
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.5 8.5
ALT/AZ=72.6 73.9
sdW=1334.6
fwW=0.00
sdS=1303.8
fwS=0.00
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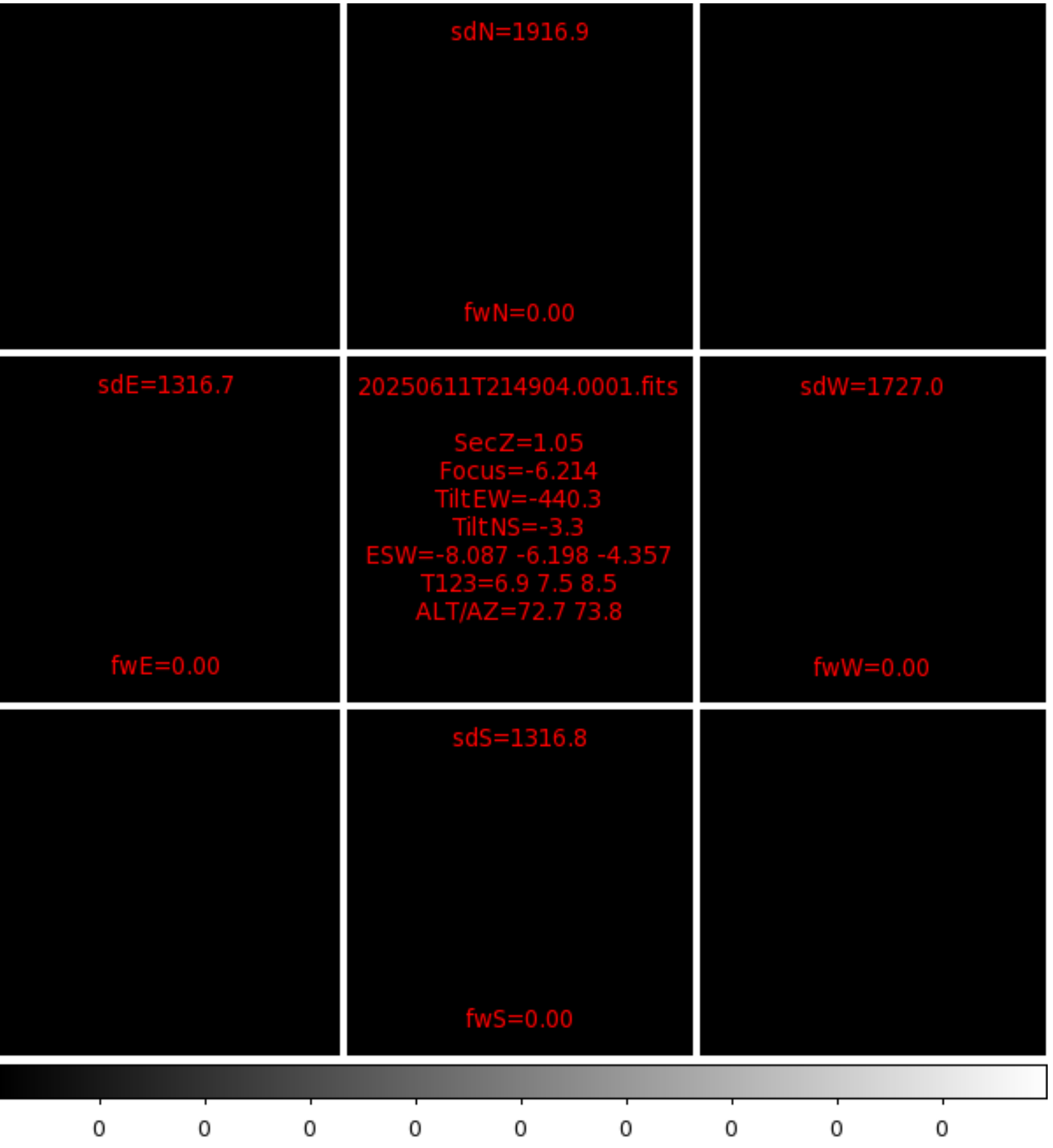
sdN=1916.9
fwN=0.00
sdE=1316.7
fwE=0.00
20250611T214904.0001.fits
SecZ=1.05
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.5 8.5
ALT/AZ=72.7 73.8
sdW=1727.0
fwW=0.00
sdS=1316.8
fwS=0.00
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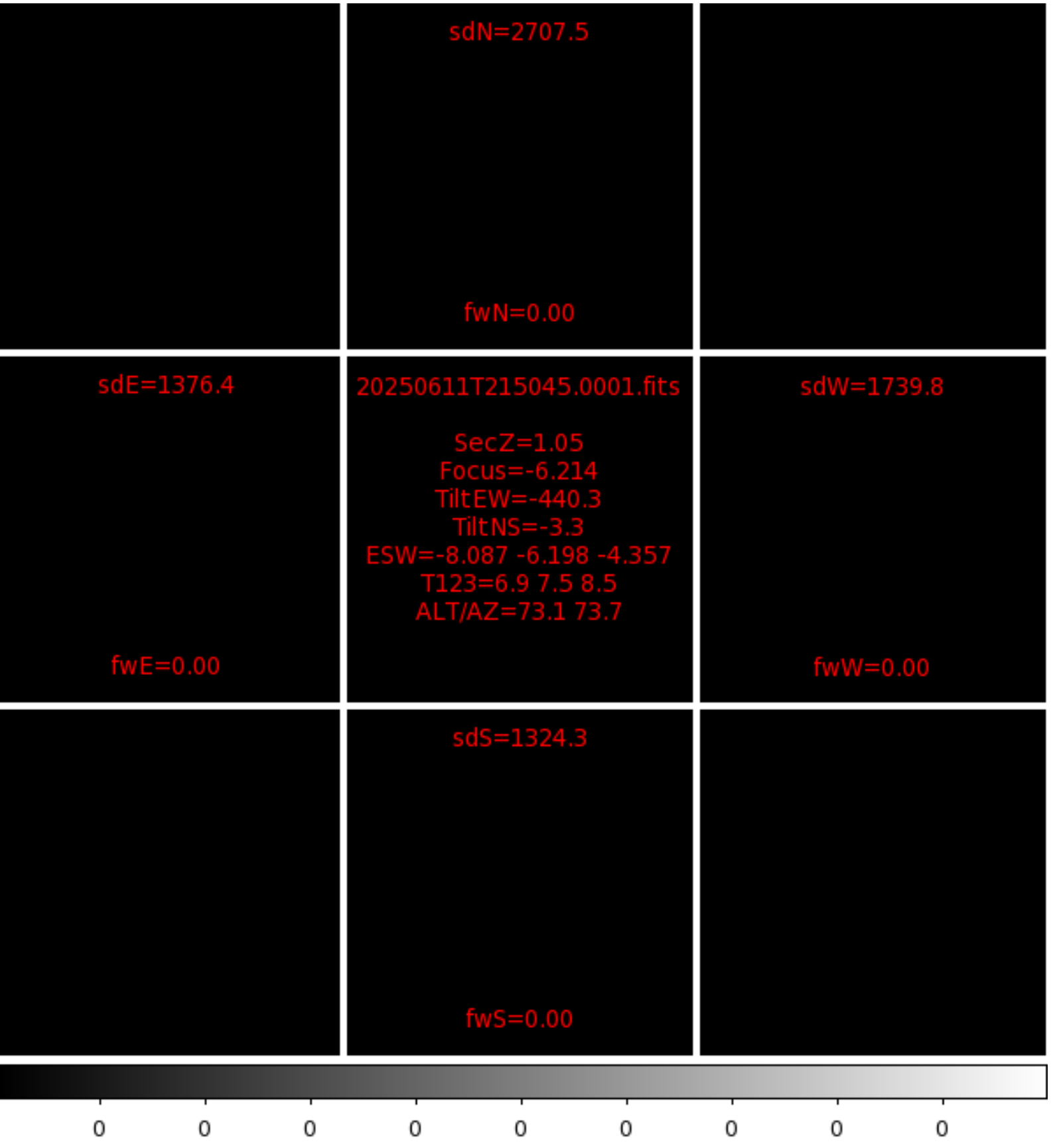
sdN=2707.5
fwN=0.00
sdE=1376.4
fwE=0.00
20250611T215045.0001.fits
SecZ=1.05
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.5 8.5
ALT/AZ=73.1 73.7
sdW=1739.8
fwW=0.00
sdS=1324.3
fwS=0.00
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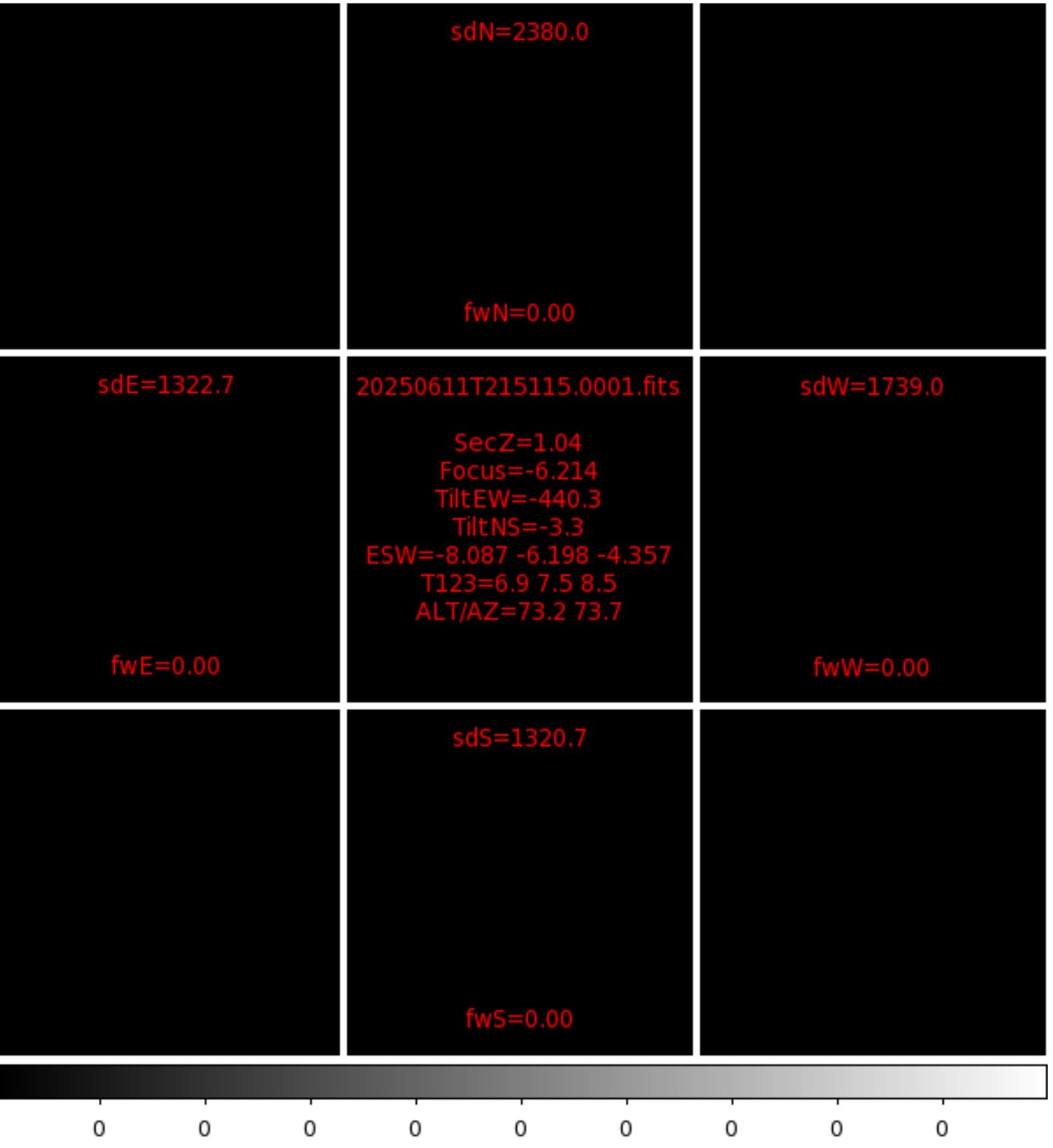
sdN=2380.0
fwN=0.00
sdE=1322.7
fwE=0.00
20250611T215115.0001.fits
SecZ=1.04
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.5 8.5
ALT/AZ=73.2 73.7
sdW=1739.0
fwW=0.00
sdS=1320.7
fwS=0.00
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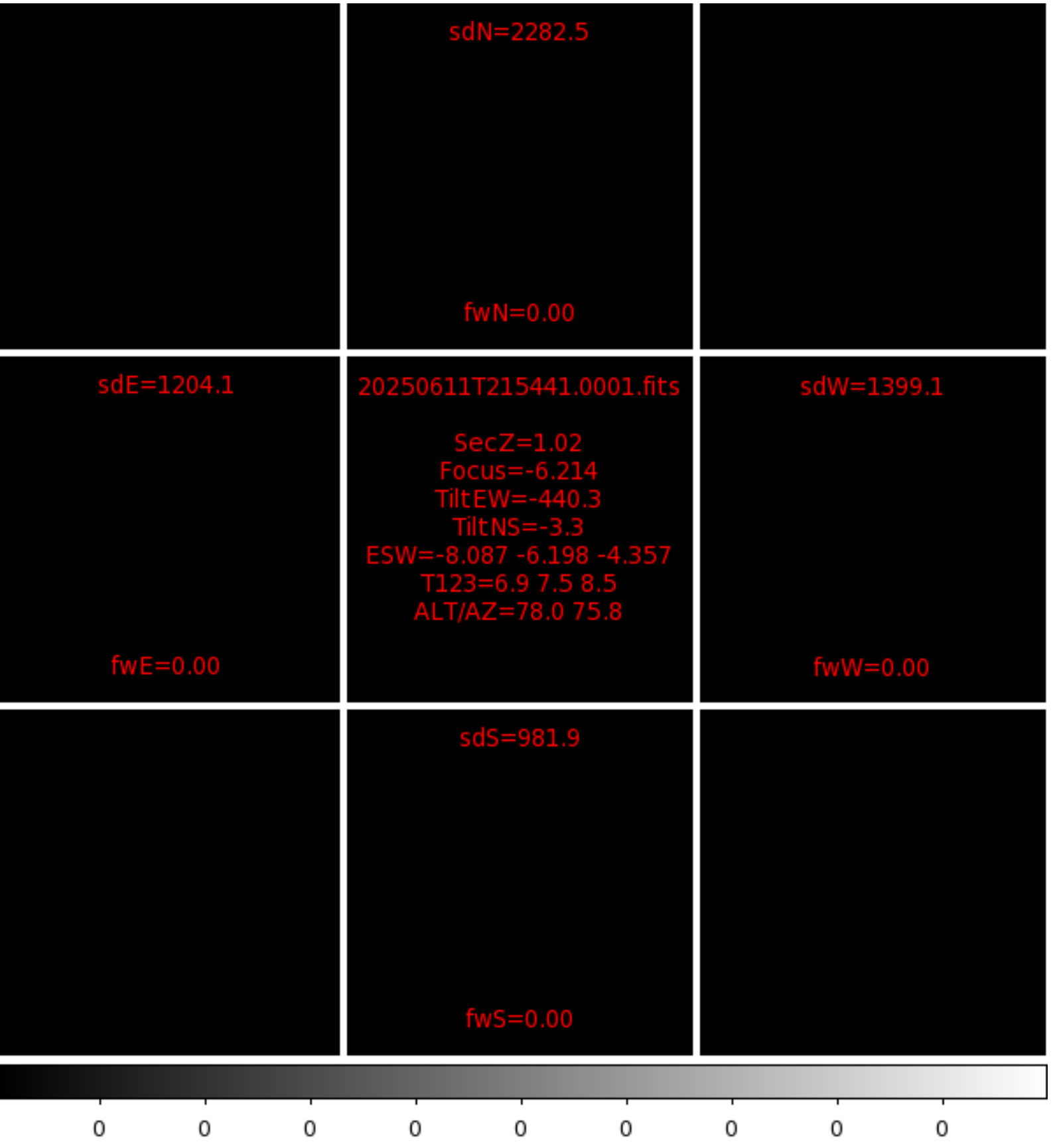
sdN=2282.5
fwN=0.00
sdE=1204.1
fwE=0.00
20250611T215441.0001.fits
SecZ=1.02
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.5 8.5
ALT/AZ=78.0 75.8
sdW=1399.1
fwW=0.00
sdS=981.9
fwS=0.00
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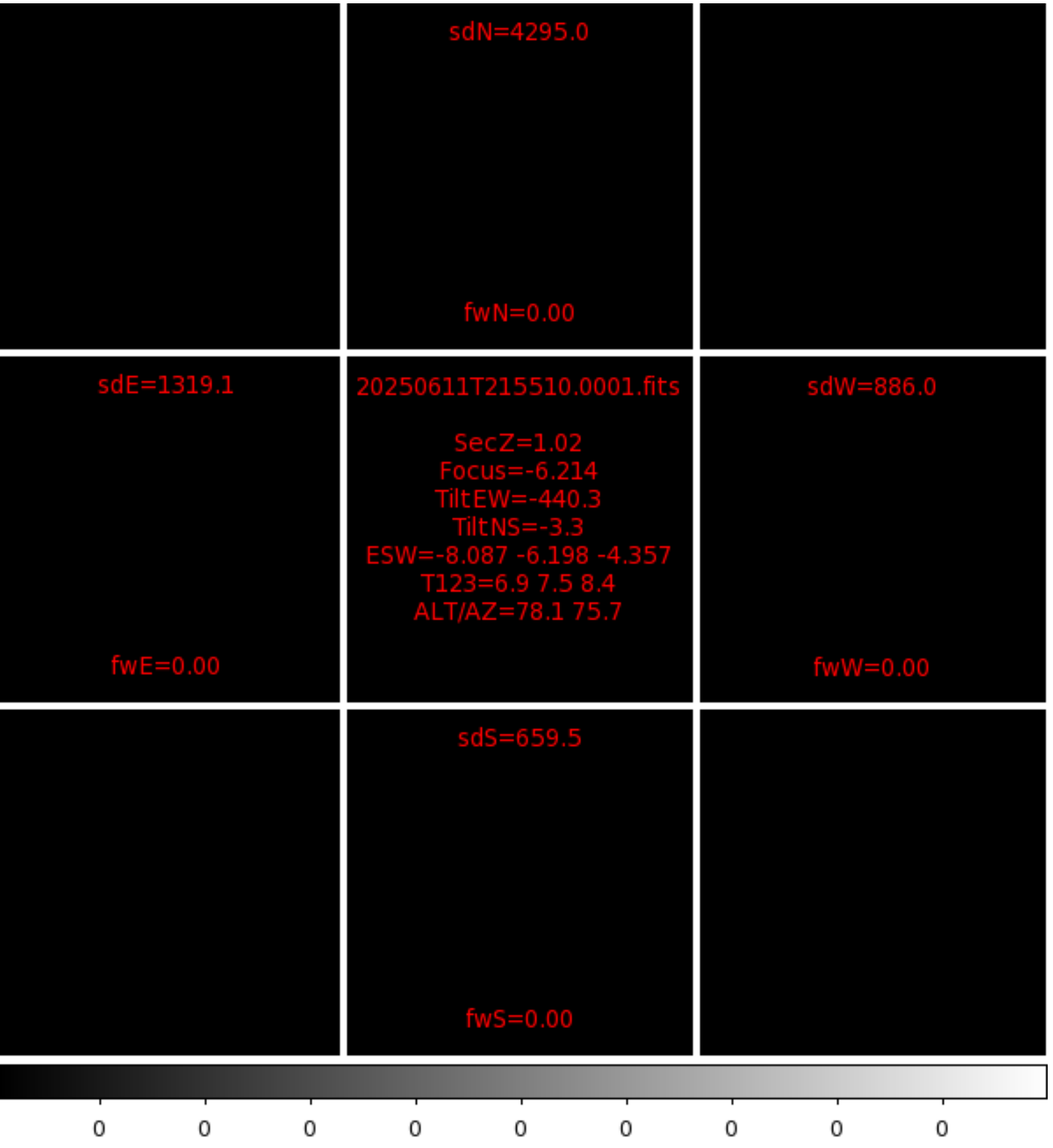
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fwN=0.00
sdE=1319.1
fwE=0.00
20250611T215510.0001.fits
SecZ=1.02
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.5 8.4
ALT/AZ=78.1 75.7
sdW=886.0
fwW=0.00
sdS=659.5
fwS=0.00
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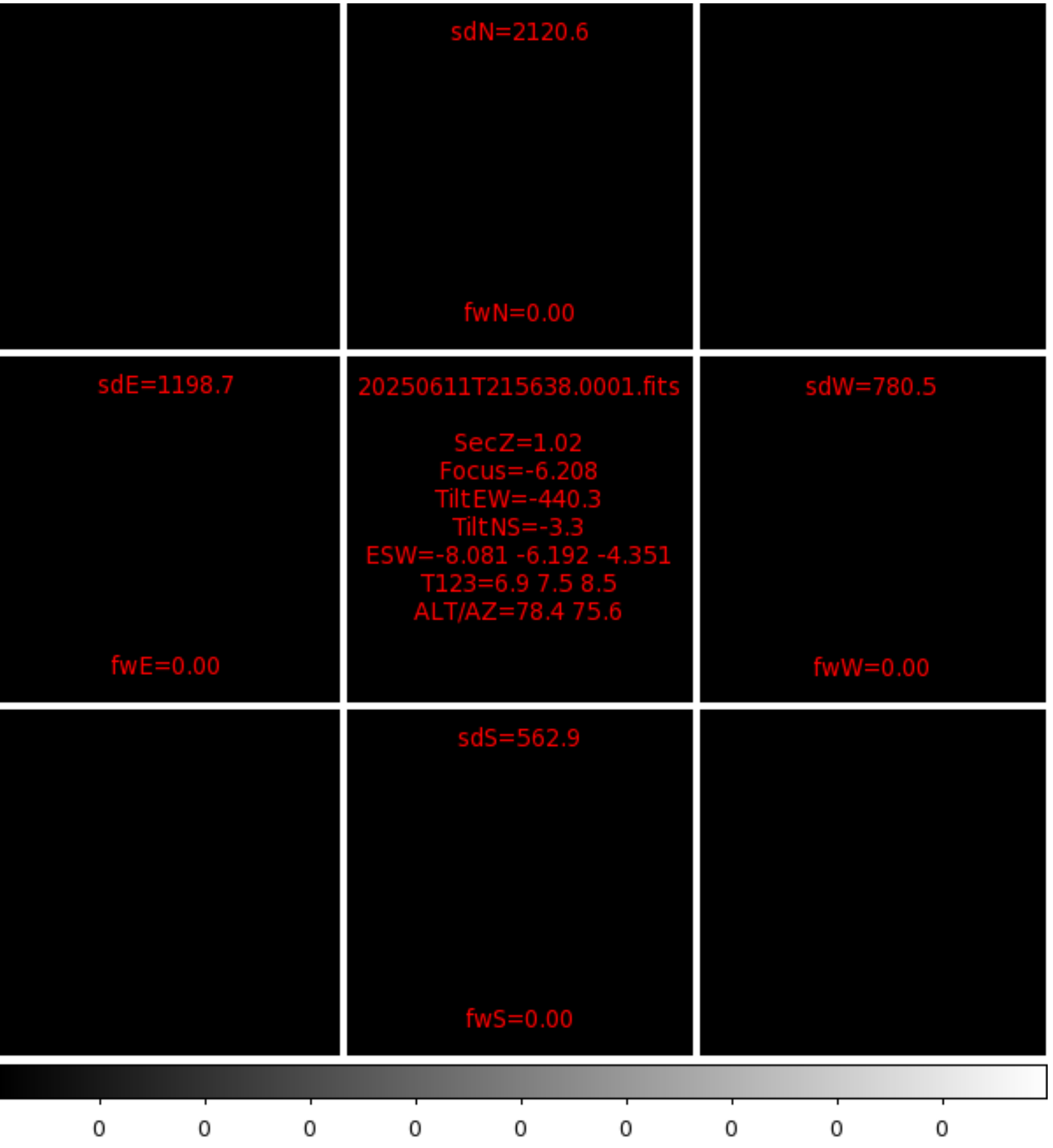
sdN=2120.6
fwN=0.00
sdE=1198.7
fwE=0.00
20250611T215638.0001.fits
SecZ=1.02
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=6.9 7.5 8.5
ALT/AZ=78.4 75.6
sdW=780.5
fwW=0.00
sdS=562.9
fwS=0.00
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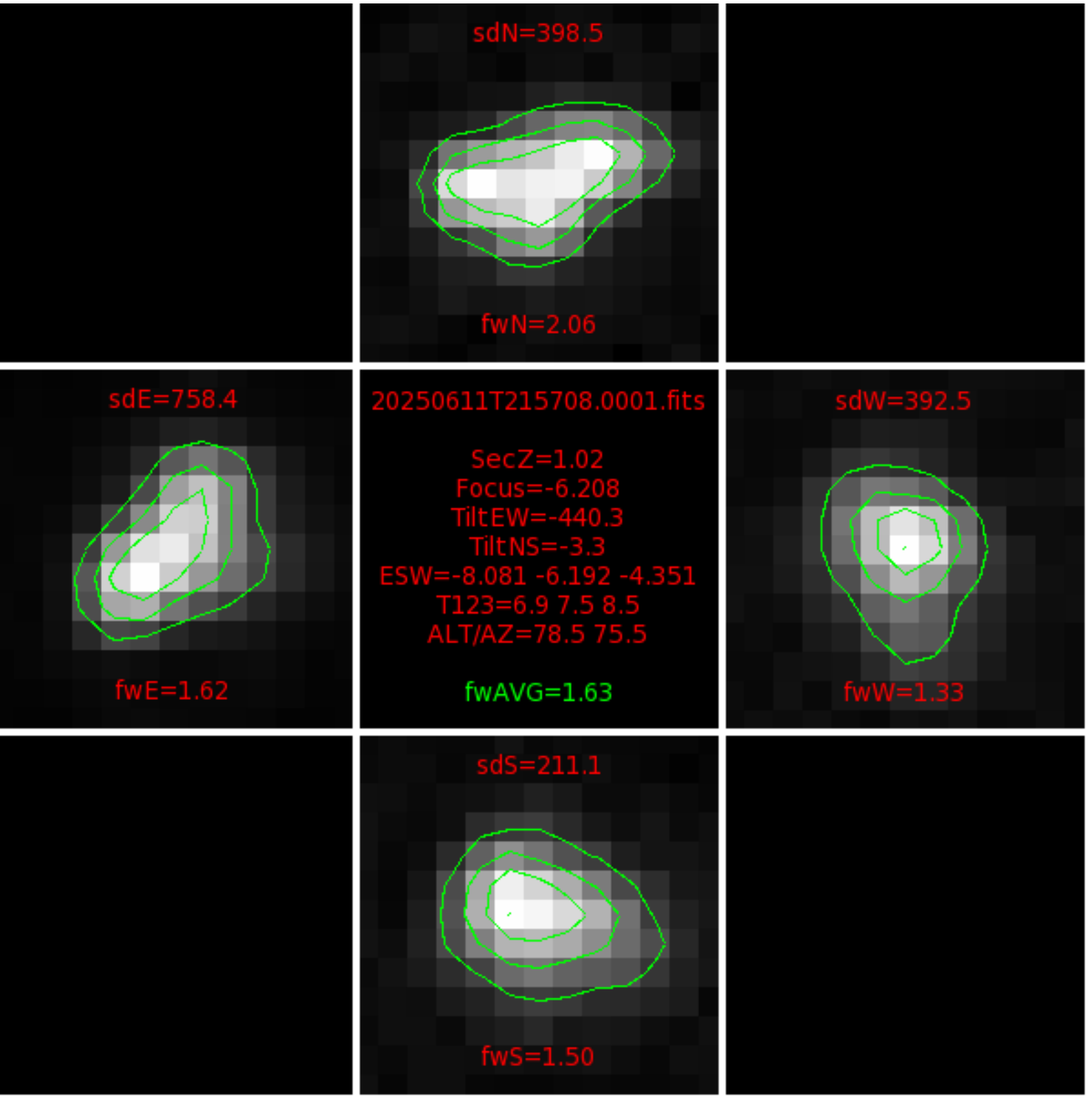
sdN=398.5
fwN=2.06
sdE=758.4
fwE=1.62
20250611T215708.0001.fits
SecZ=1.02
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=6.9 7.5 8.5
ALT/AZ=78.5 75.5
fwAVG=1.63
sdW=392.5
fwW=1.33
sdS=211.1
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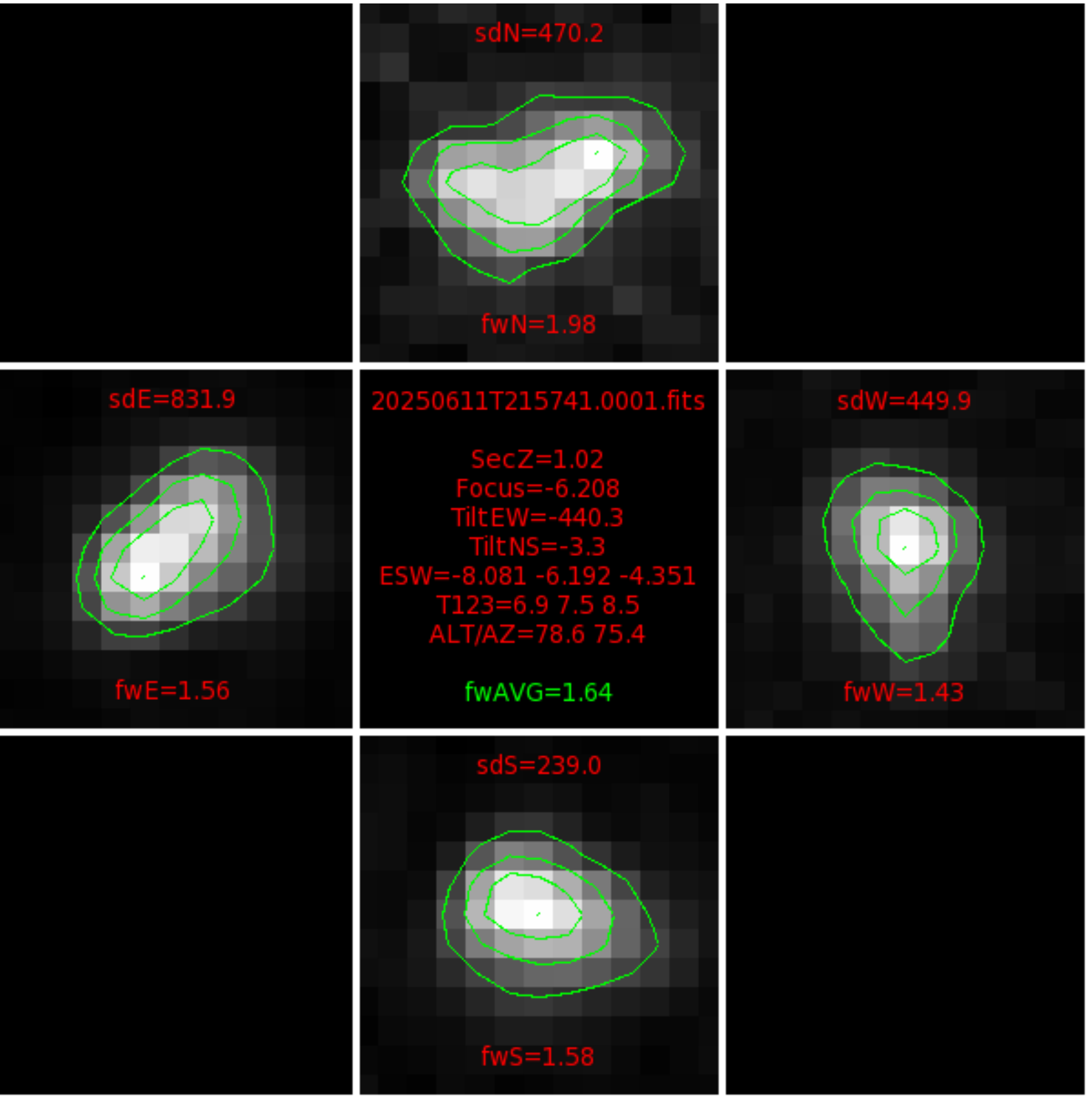
sdN=470.2
fwN=1.98
sdE=831.9
fwE=1.56
20250611T215741.0001.fits
SecZ=1.02
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=6.9 7.5 8.5
ALT/AZ=78.6 75.4
fwAVG=1.64
sdW=449.9
fwW=1.43
sdS=239.0
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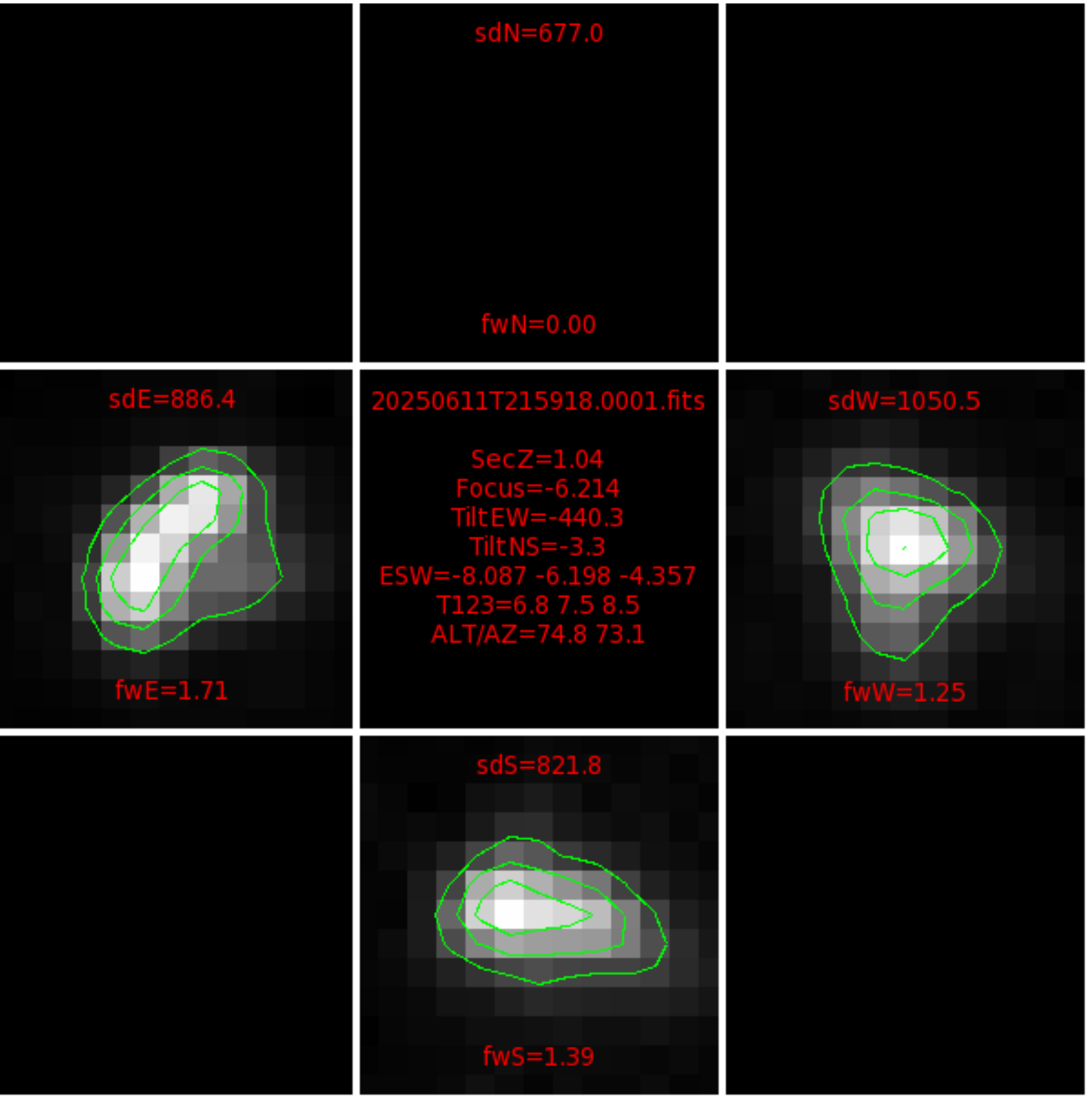
sdN=677.0
fwN=0.00
sdE=886.4
fwE=1.71
20250611T215918.0001.fits
SecZ=1.04
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.8 7.5 8.5
ALT/AZ=74.8 73.1
sdW=1050.5
fwW=1.25
sdS=821.8
fwS=1.39
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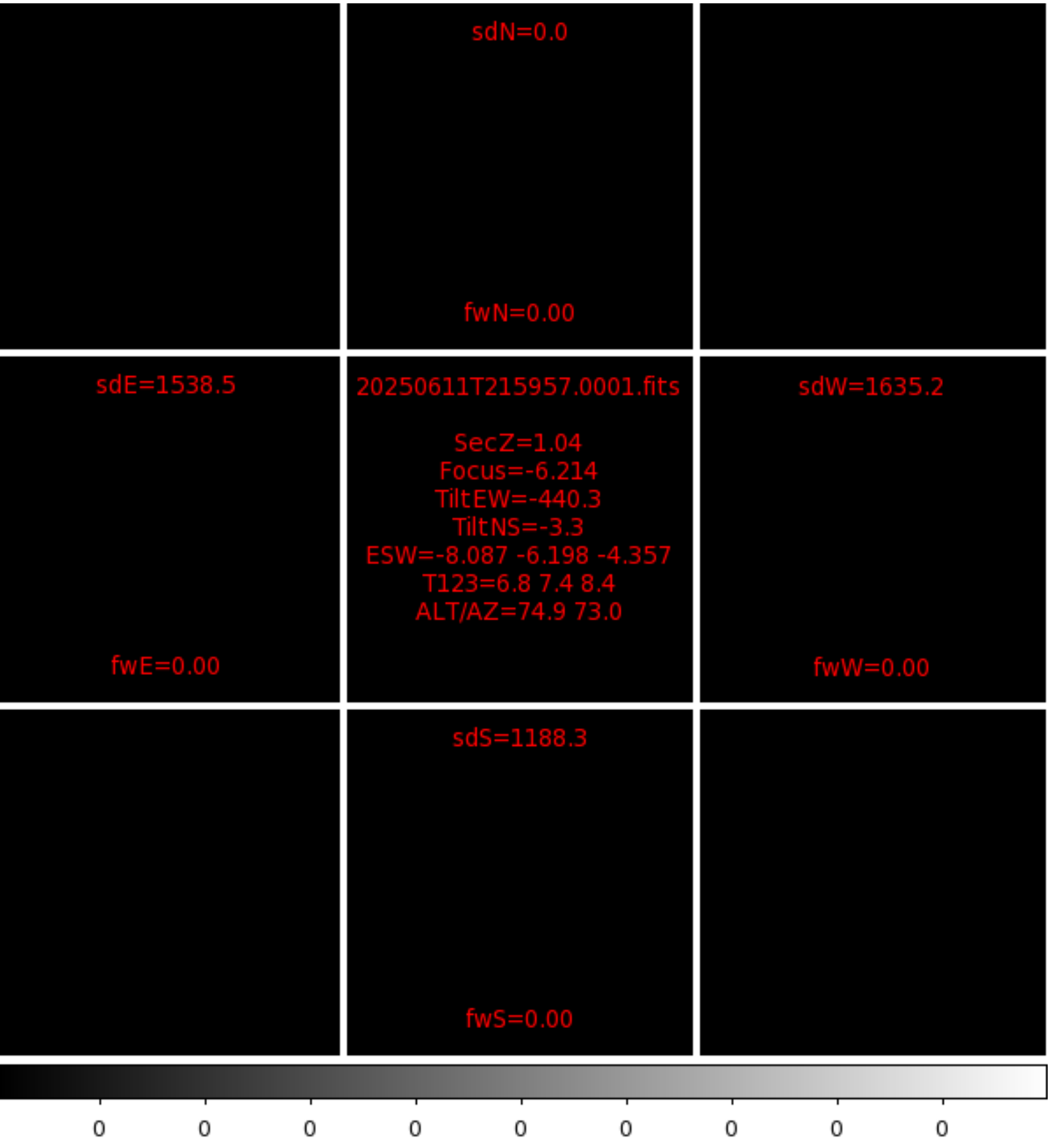
sdN=0.0
fwN=0.00
sdE=1538.5
20250611T215957.0001.fits
SecZ=1.04
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.8 7.4 8.4
ALT/AZ=74.9 73.0
sdW=1635.2
fwE=0.00
fwW=0.00
sdS=1188.3
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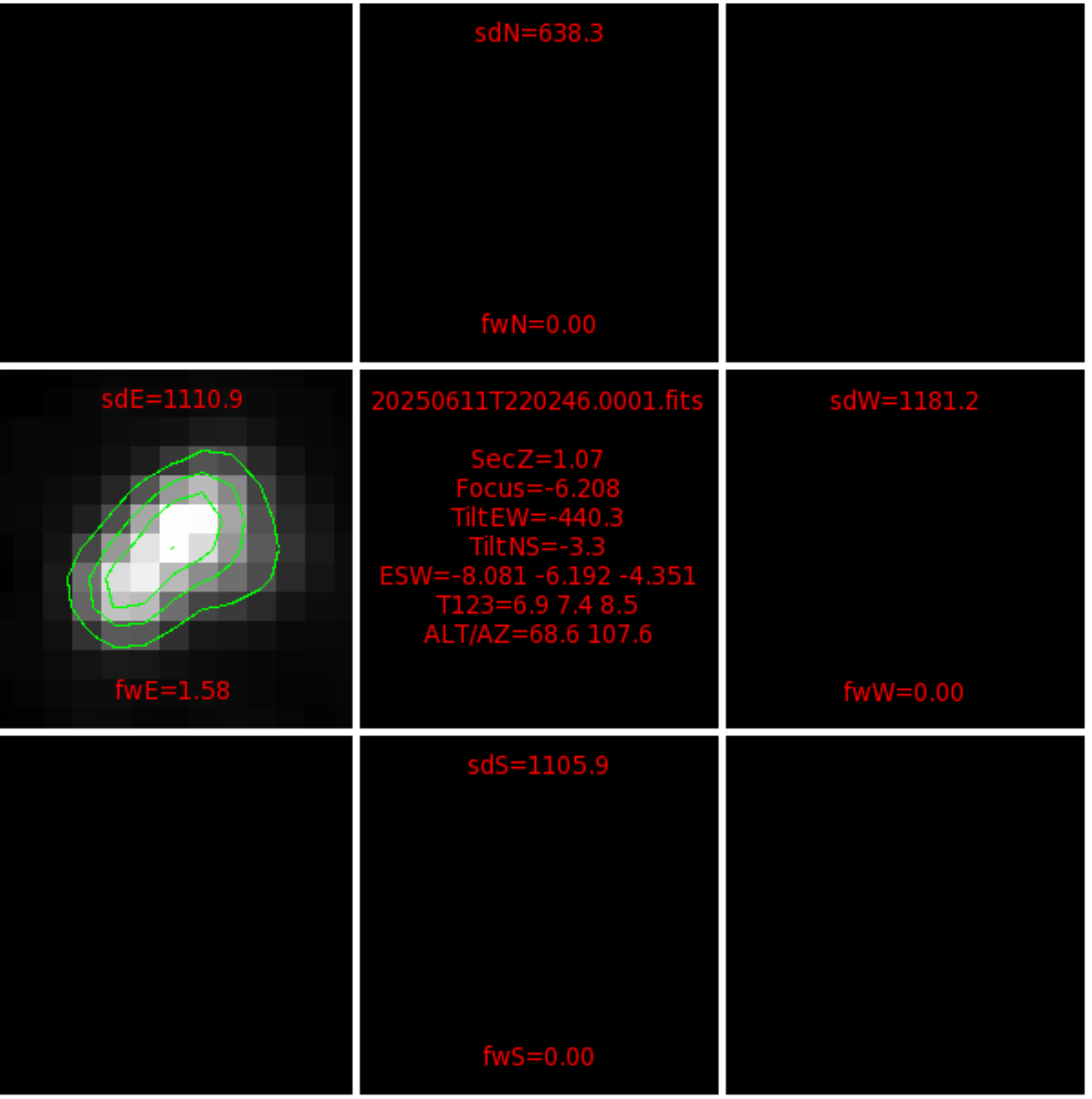
sdN=638.3
fwN=0.00
sdE=1110.9
fwE=1.58
20250611T220246.0001.fits
SecZ=1.07
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=6.9 7.4 8.5
ALT/AZ=68.6 107.6
sdW=1181.2
fwW=0.00
sdS=1105.9
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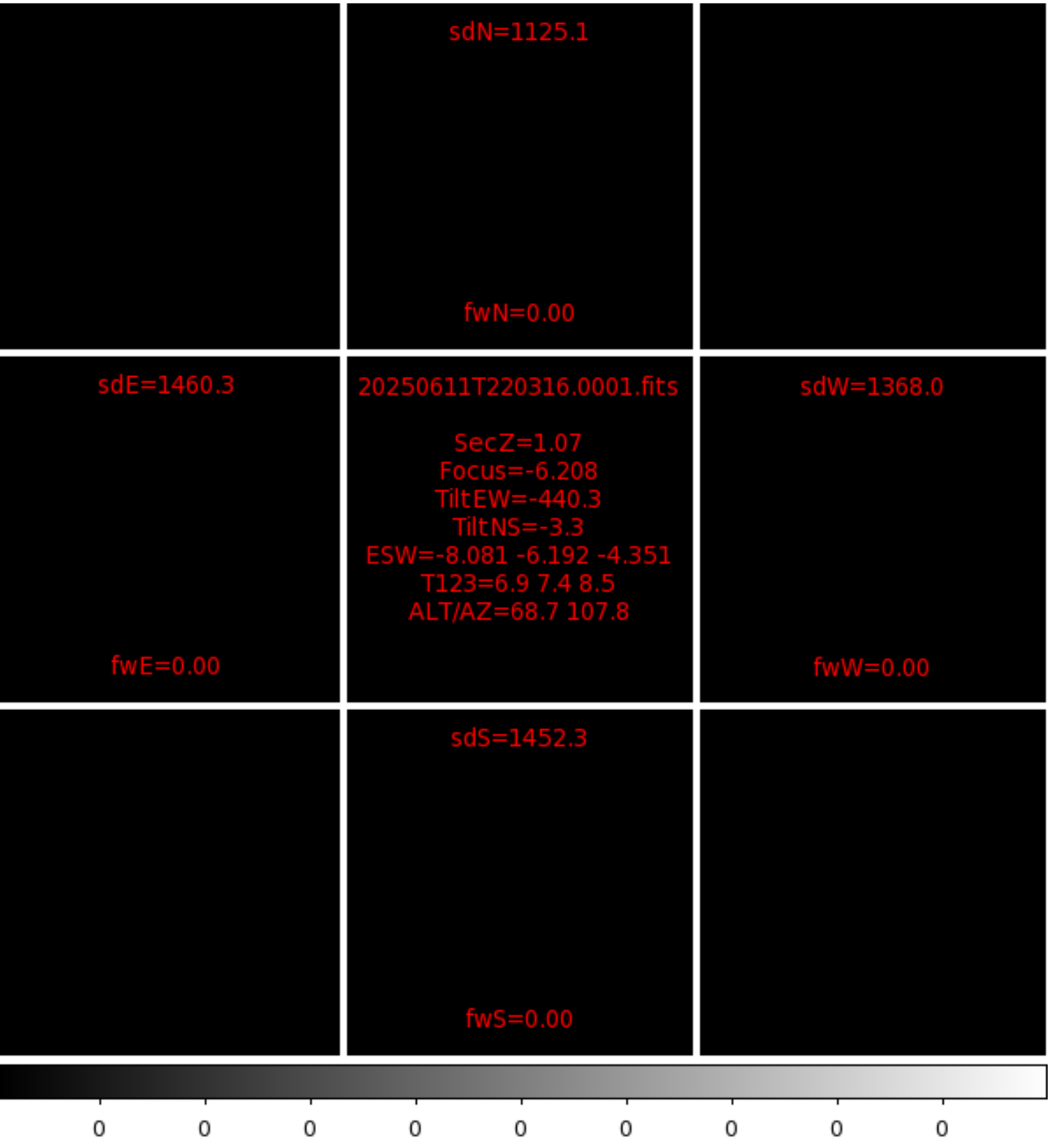
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fwE=0.00
20250611T220316.0001.fits
SecZ=1.07
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=6.9 7.4 8.5
ALT/AZ=68.7 107.8
sdW=1368.0
fwW=0.00
sdS=1452.3
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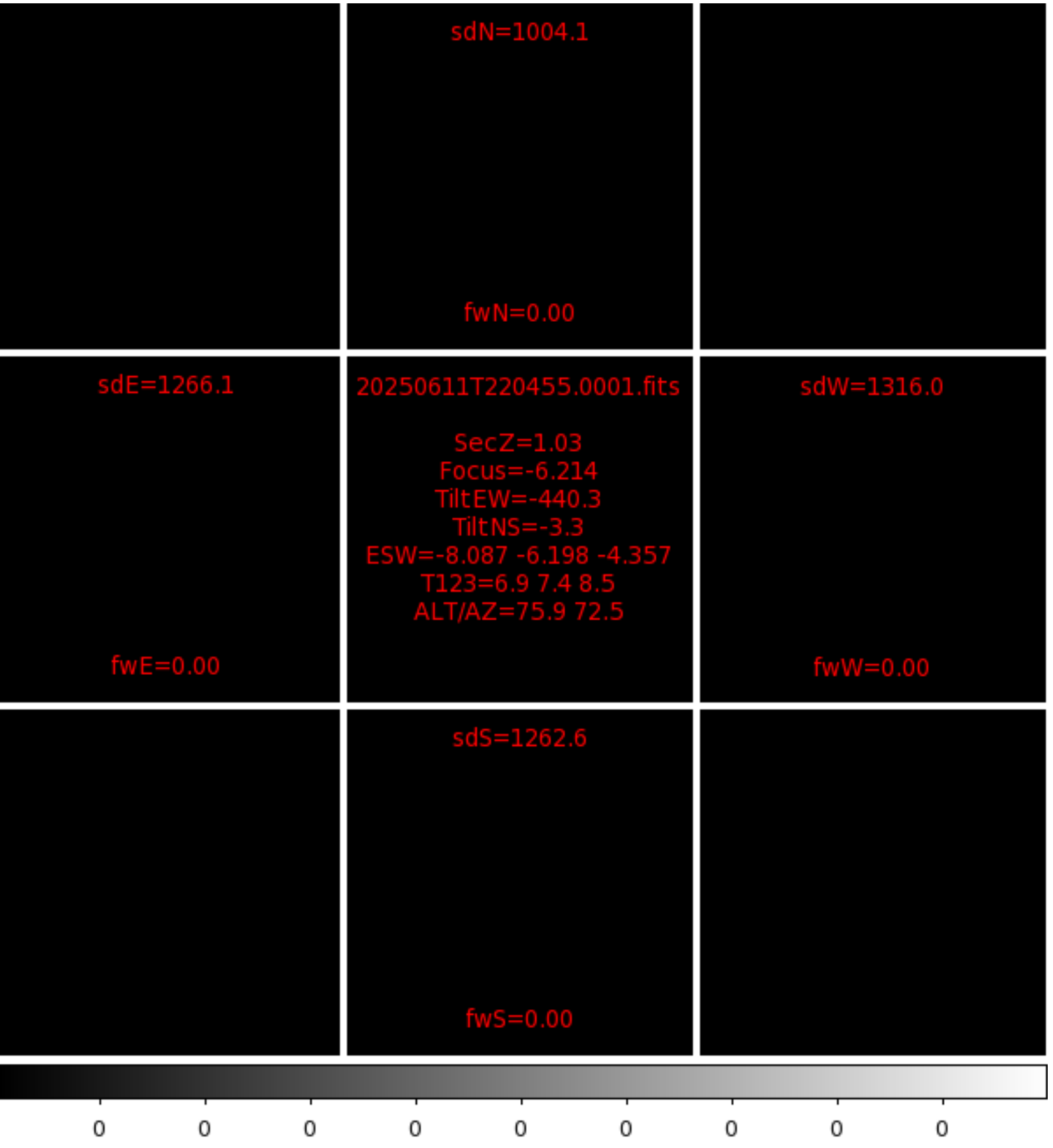
sdN=1004.1
fwN=0.00
sdE=1266.1
fwE=0.00
20250611T220455.0001.fits
SecZ=1.03
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.4 8.5
ALT/AZ=75.9 72.5
sdW=1316.0
fwW=0.00
sdS=1262.6
fwS=0.00
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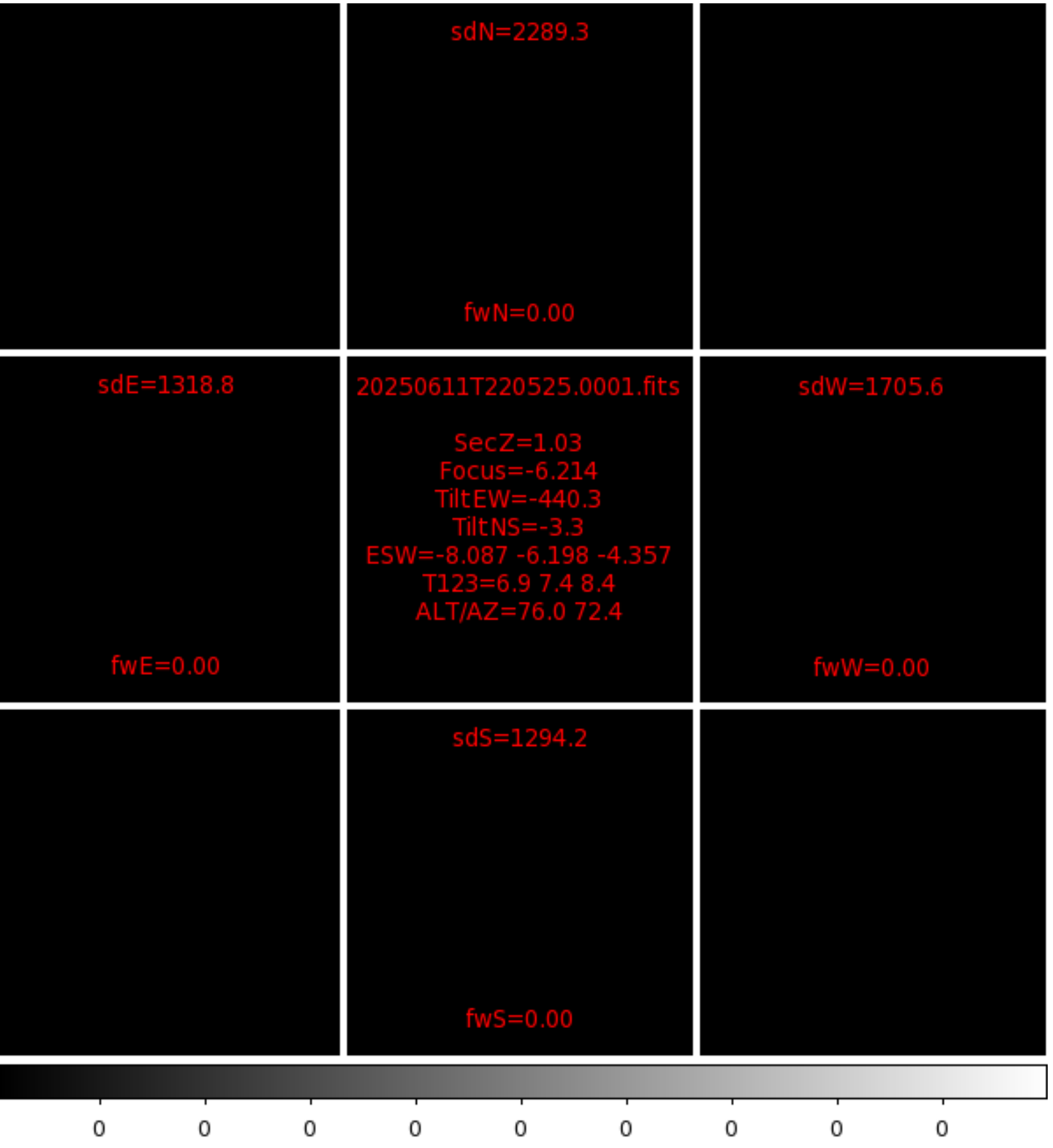
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fwN=0.00
sdE=1318.8
fwE=0.00
20250611T220525.0001.fits
SecZ=1.03
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.4 8.4
ALT/AZ=76.0 72.4
sdW=1705.6
fwW=0.00
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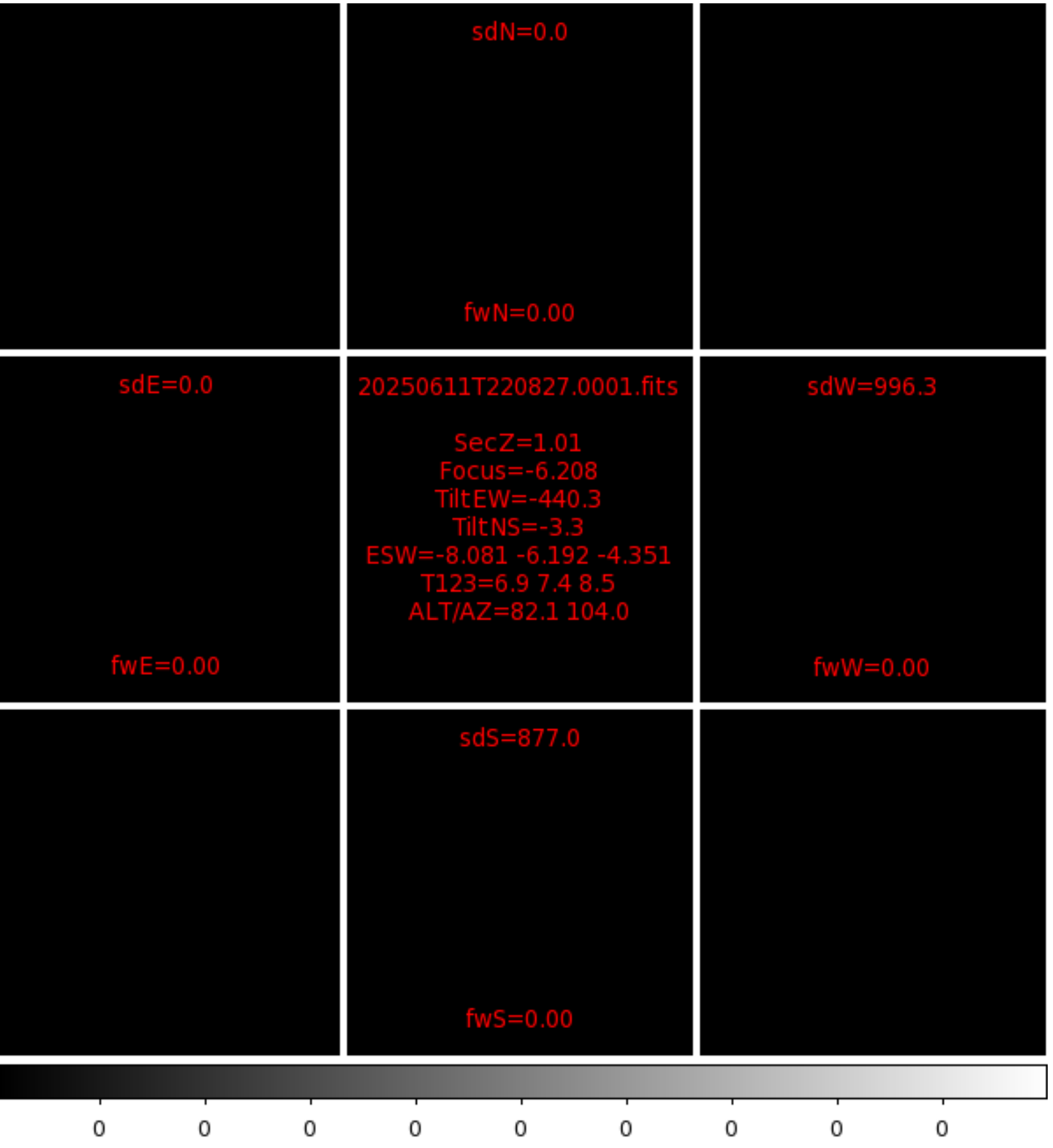
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sdE=0.0
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SecZ=1.01
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=6.9 7.4 8.5
ALT/AZ=82.1 104.0
sdW=996.3
fwE=0.00
fwW=0.00
sdS=877.0
fwS=0.00
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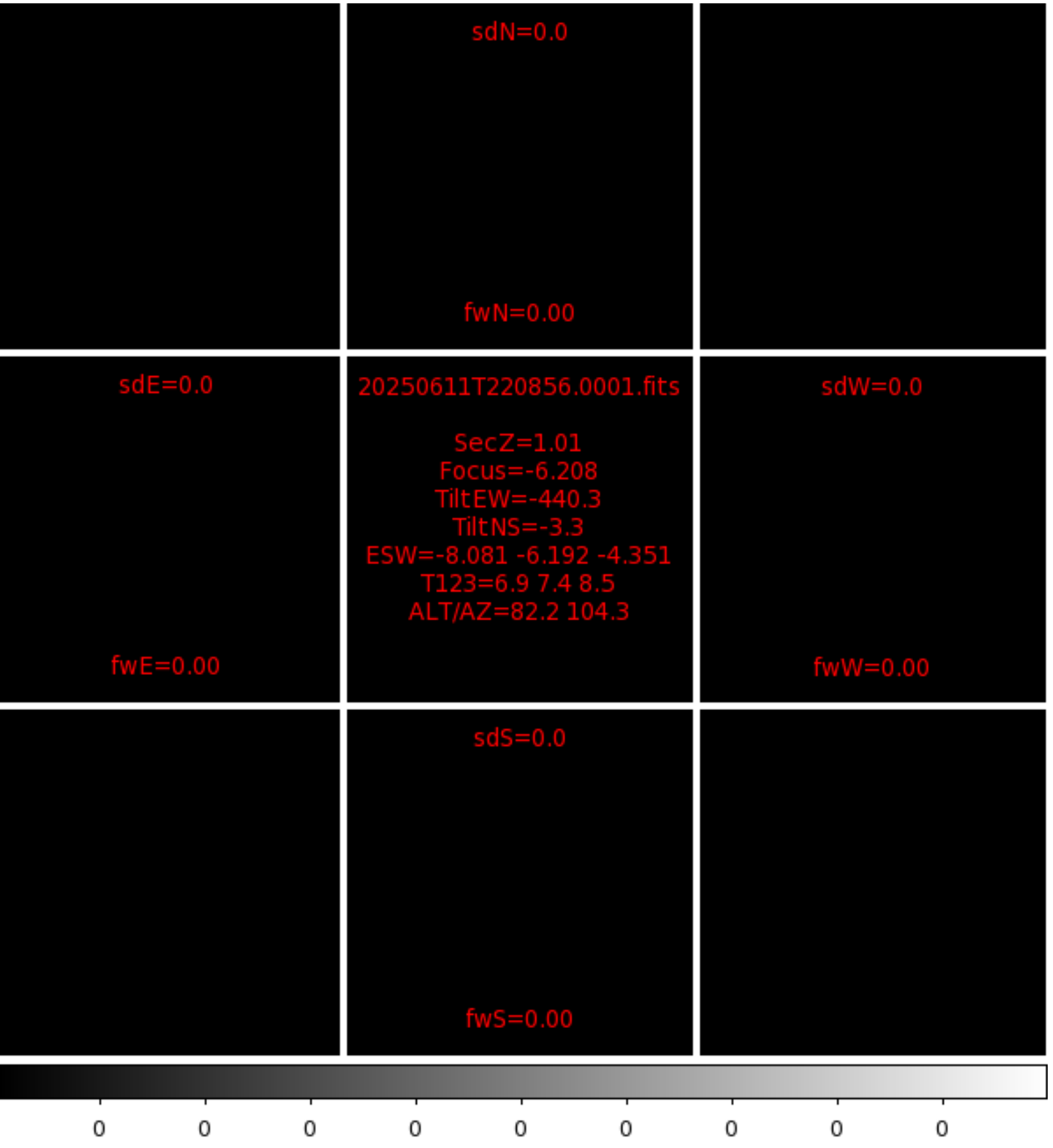
sdN=0.0
fwN=0.00
sdE=0.0
fwE=0.00
20250611T220856.0001.fits
SecZ=1.01
Focus=-6.208
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.081 -6.192 -4.351
T123=6.9 7.4 8.5
ALT/AZ=82.2 104.3
sdW=0.0
fwW=0.00
sdS=0.0
fwS=0.00
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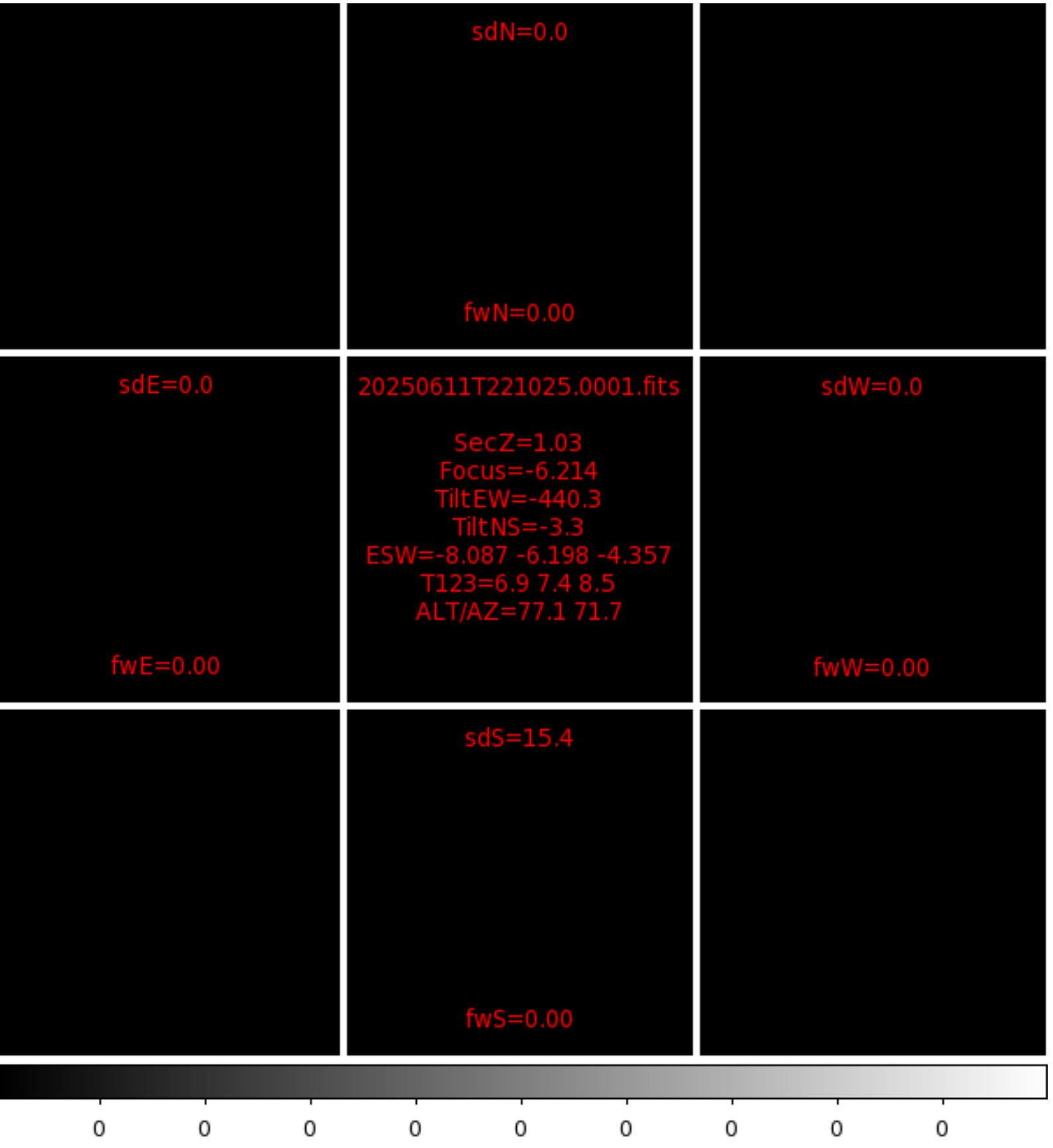
sdN=0.0
fwN=0.00
sdE=0.0
20250611T221025.0001.fits
SecZ=1.03
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.4 8.5
ALT/AZ=77.1 71.7
sdW=0.0
fwE=0.00
fwW=0.00
sdS=15.4
fwS=0.00
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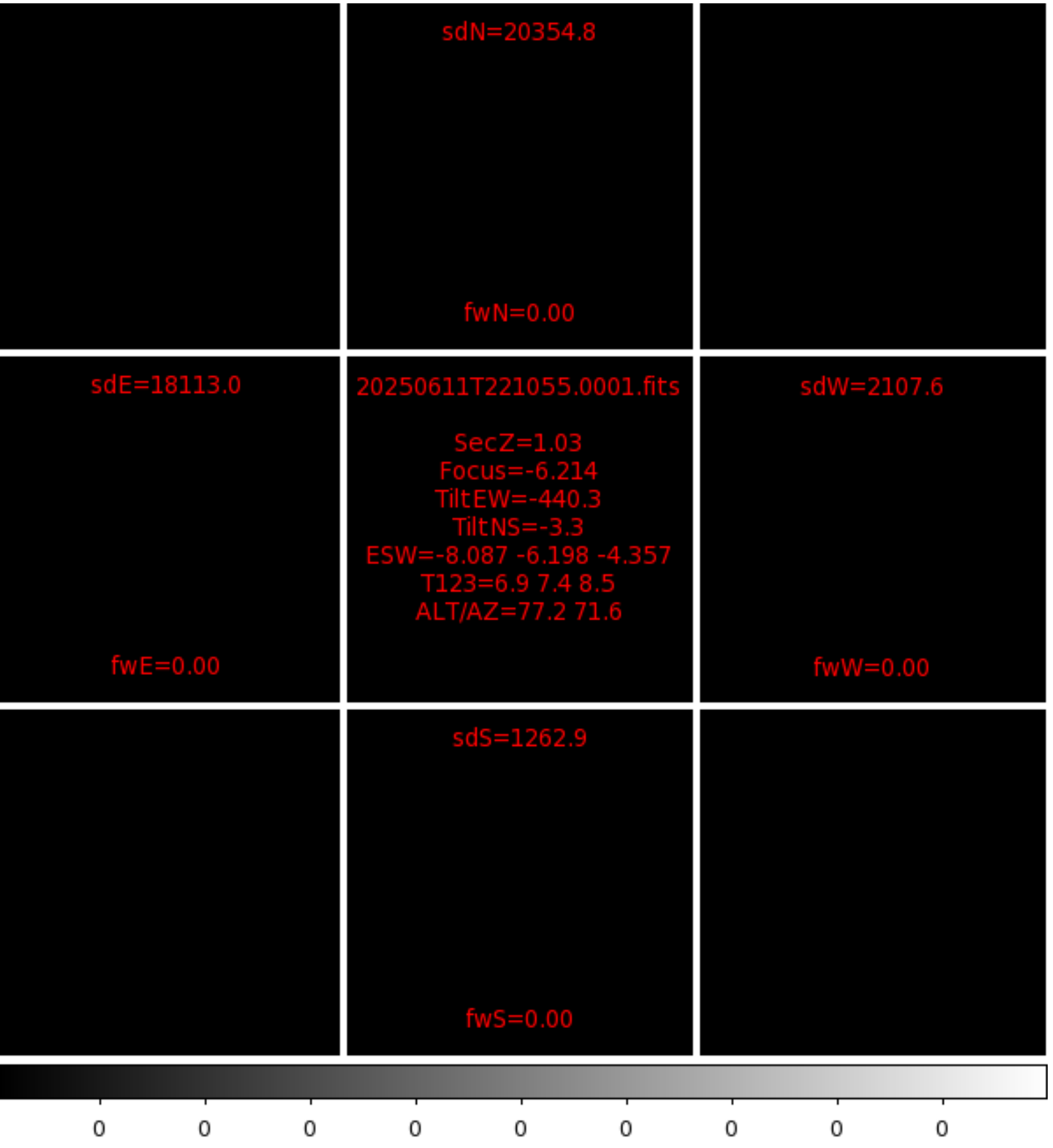
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fwN=0.00
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20250611T221055.0001.fits
SecZ=1.03
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.4 8.5
ALT/AZ=77.2 71.6
sdW=2107.6
fwW=0.00
sdS=1262.9
fwS=0.00
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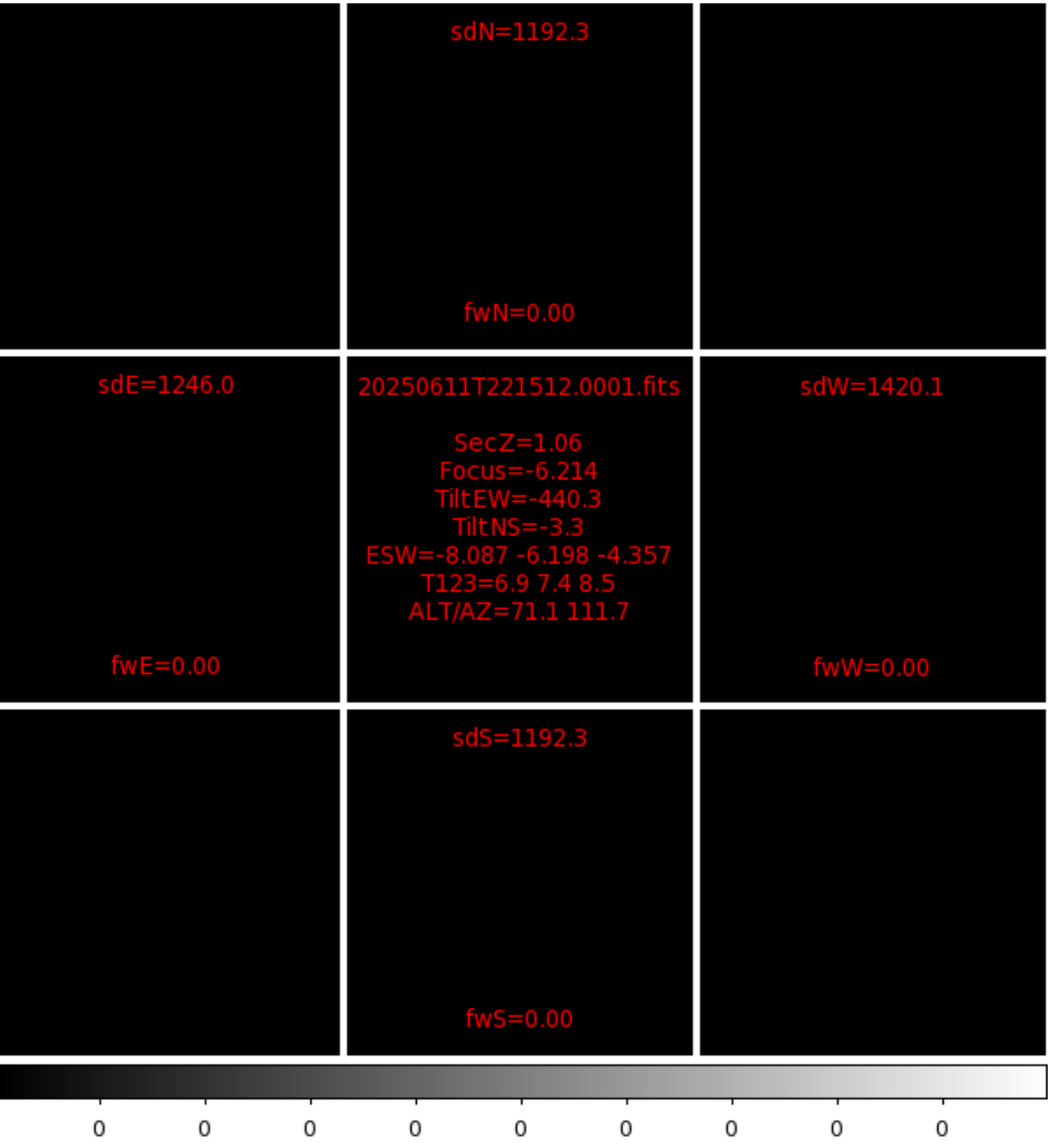
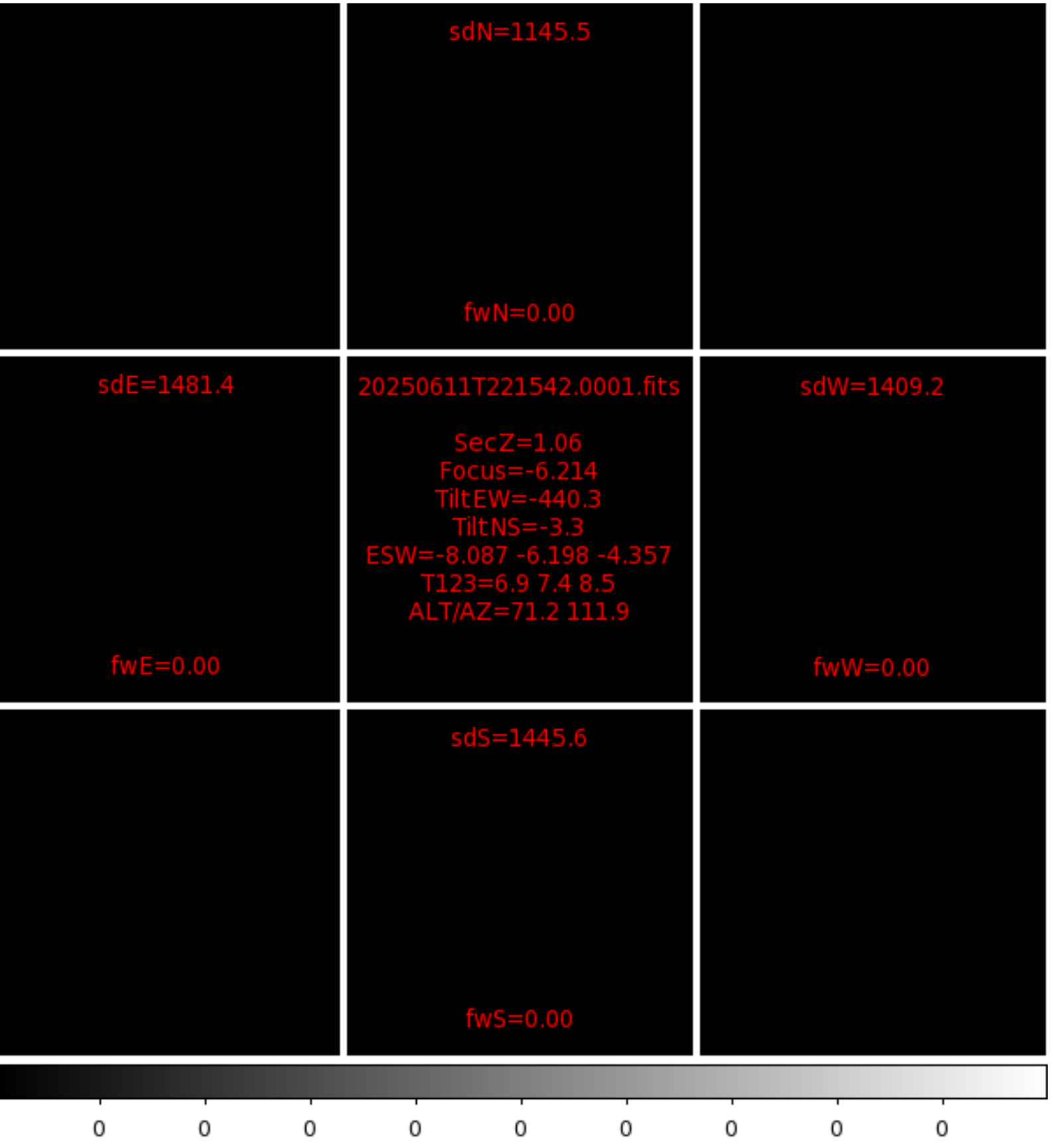

sdN=1192.3
fwN=0.00
sdE=1246.0
fwE=0.00
20250611T221512.0001.fits
SecZ=1.06
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.4 8.5
ALT/AZ=71.1 111.7
sdW=1420.1
fwW=0.00
sdS=1192.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=1145.5
fwN=0.00
sdE=1481.4
fwE=0.00
20250611T221542.0001.fits
SecZ=1.06
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.4 8.5
ALT/AZ=71.2 111.9
sdW=1409.2
fwW=0.00
sdS=1445.6
fwS=0.00
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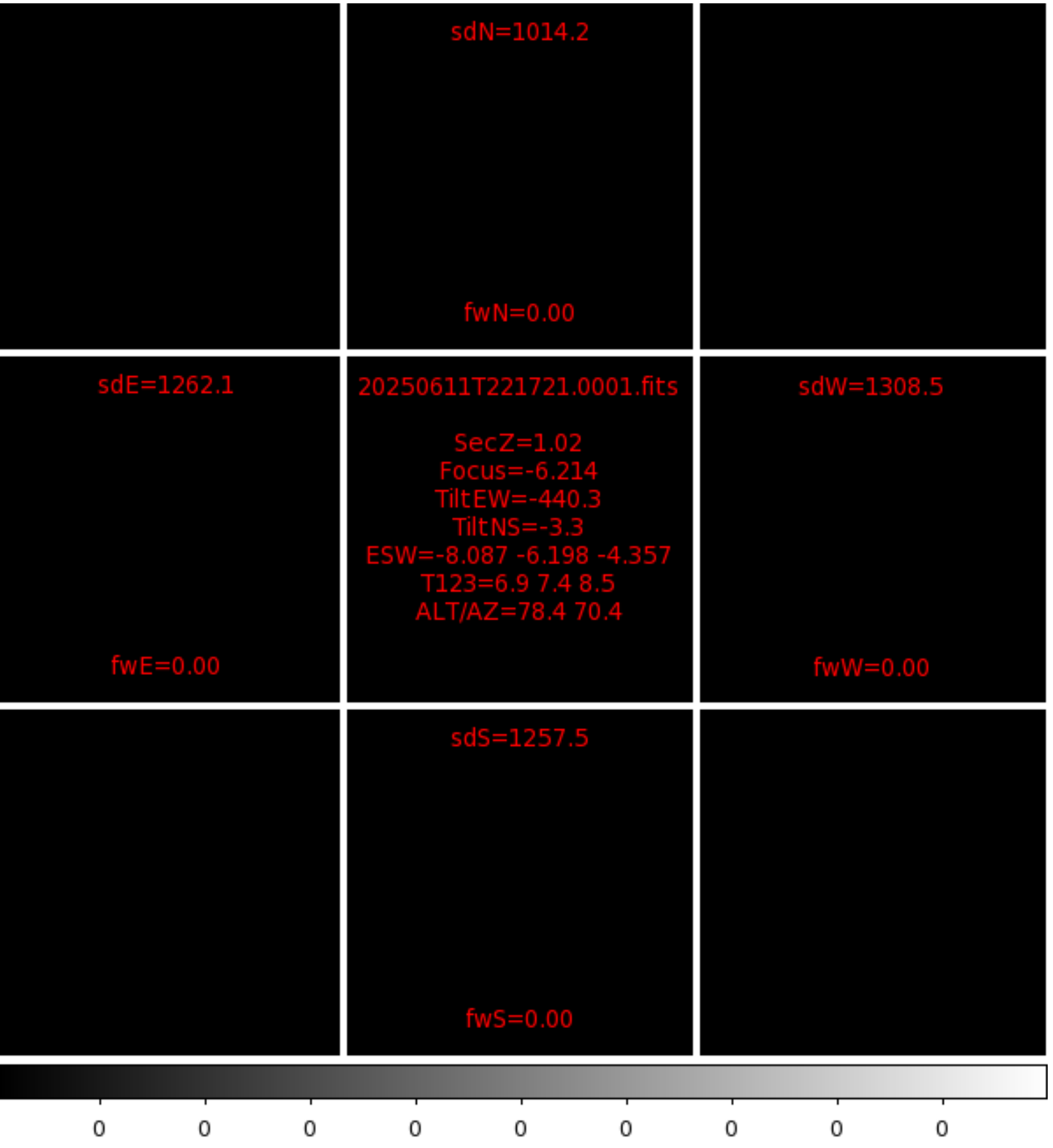
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fwN=0.00
sdE=1262.1
fwE=0.00
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SecZ=1.02
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.4 8.5
ALT/AZ=78.4 70.4
sdW=1308.5
fwW=0.00
sdS=1257.5
fwS=0.00
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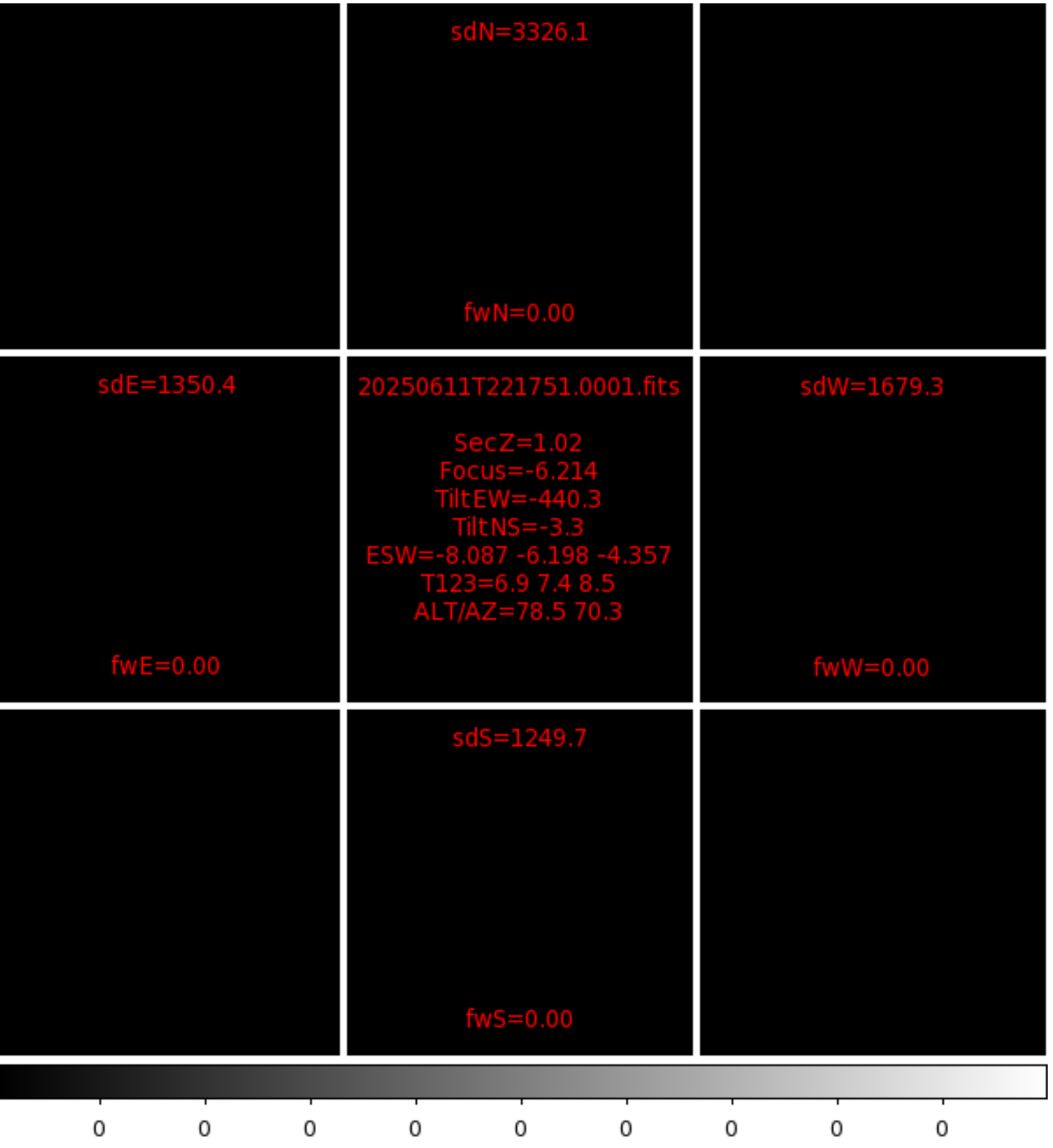
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fwN=0.00
sdE=1350.4
fwE=0.00
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SecZ=1.02
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.4 8.5
ALT/AZ=78.5 70.3
sdW=1679.3
fwW=0.00
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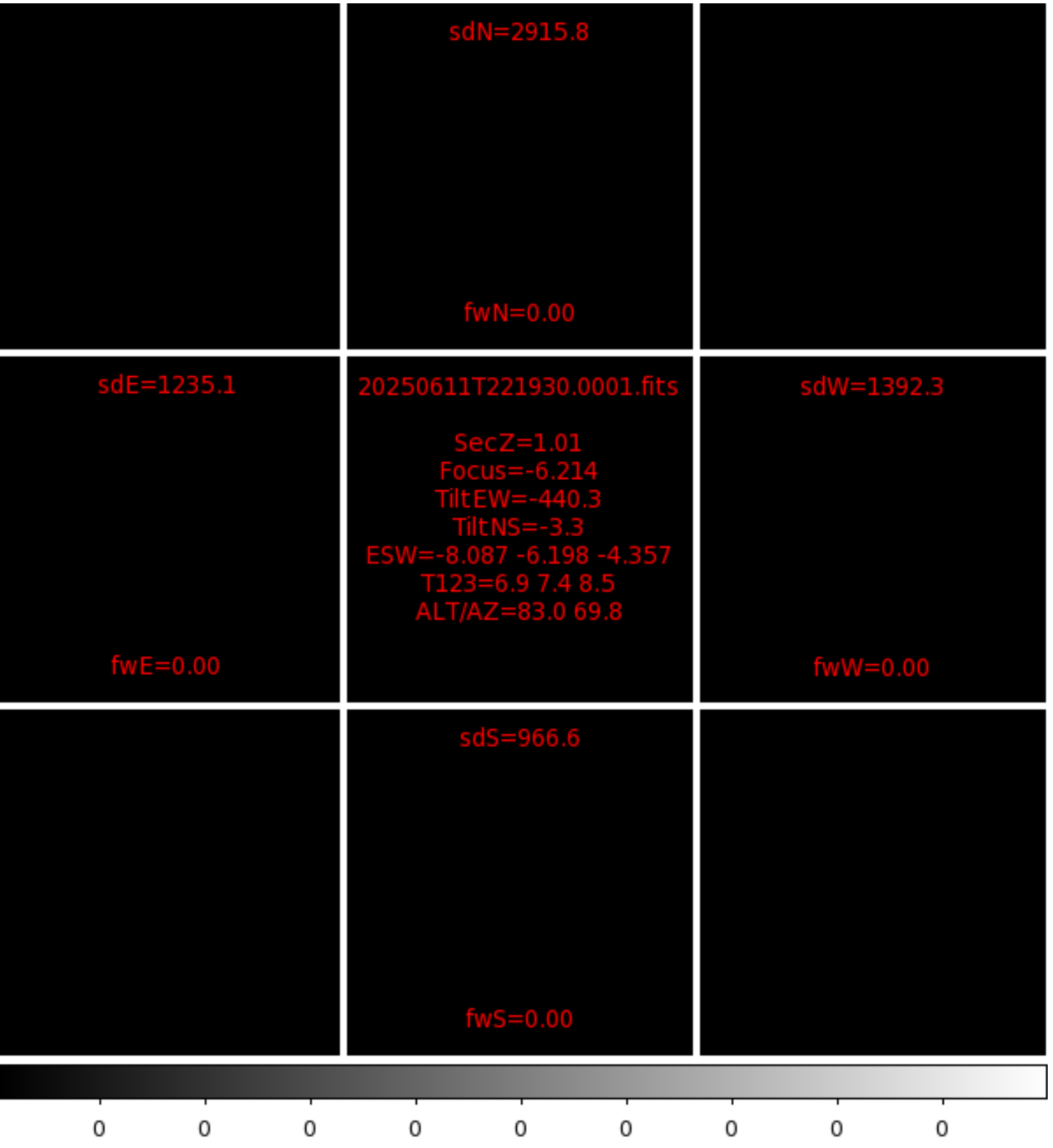
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fwN=0.00
sdE=1235.1
fwE=0.00
20250611T221930.0001.fits
SecZ=1.01
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.4 8.5
ALT/AZ=83.0 69.8
sdW=1392.3
fwW=0.00
sdS=966.6
fwS=0.00
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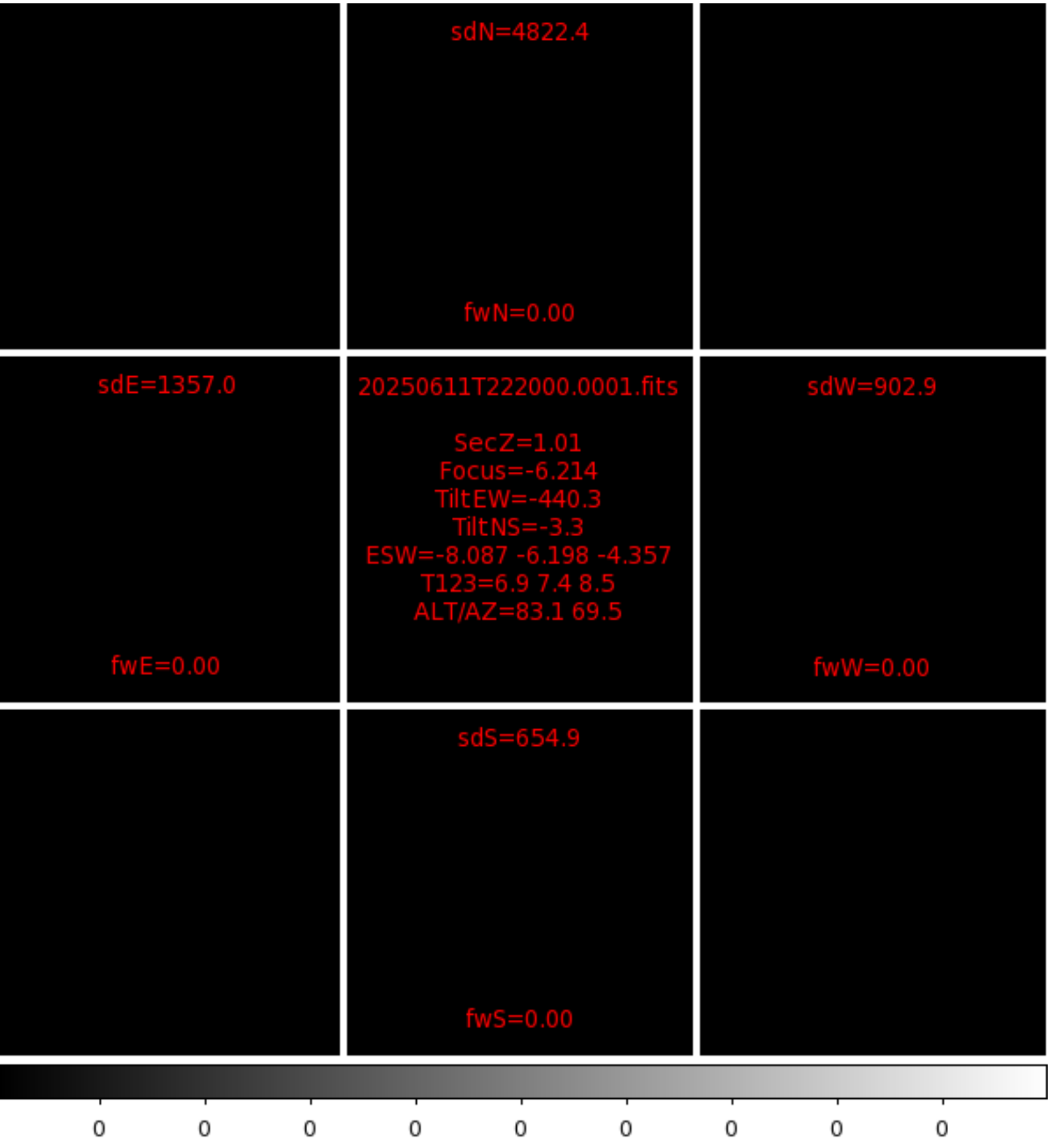
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fwN=0.00
sdE=1357.0
fwE=0.00
20250611T222000.0001.fits
SecZ=1.01
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.4 8.5
ALT/AZ=83.1 69.5
sdW=902.9
fwW=0.00
sdS=654.9
fwS=0.00
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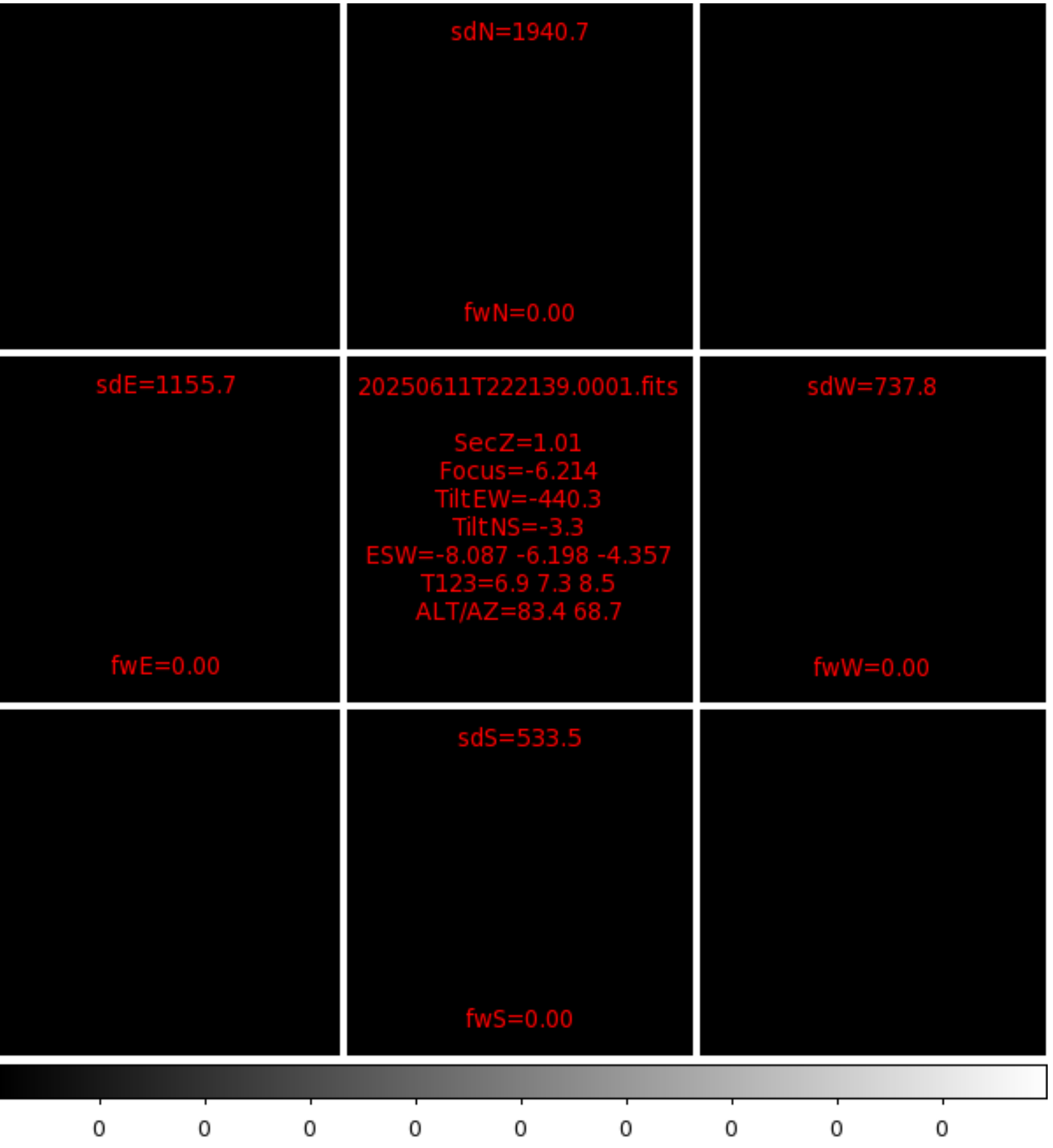
sdN=1940.7
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sdE=1155.7
fwE=0.00
20250611T222139.0001.fits
SecZ=1.01
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.3 8.5
ALT/AZ=83.4 68.7
sdW=737.8
fwW=0.00
sdS=533.5
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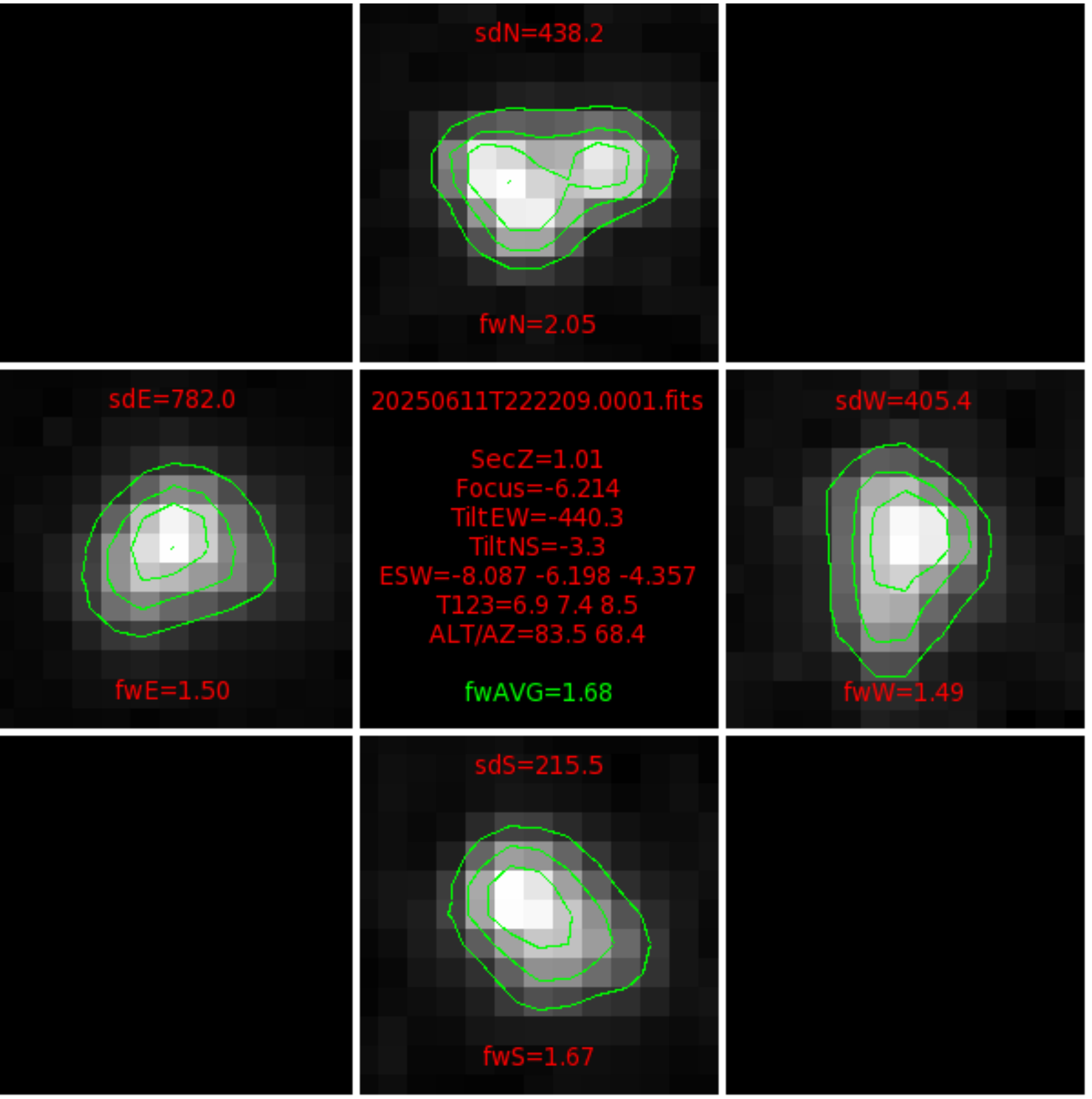
sdN=438.2
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sdE=782.0
fwE=1.50
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SecZ=1.01
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.4 8.5
ALT/AZ=83.5 68.4
fwAVG=1.68
sdW=405.4
fwW=1.49
sdS=215.5
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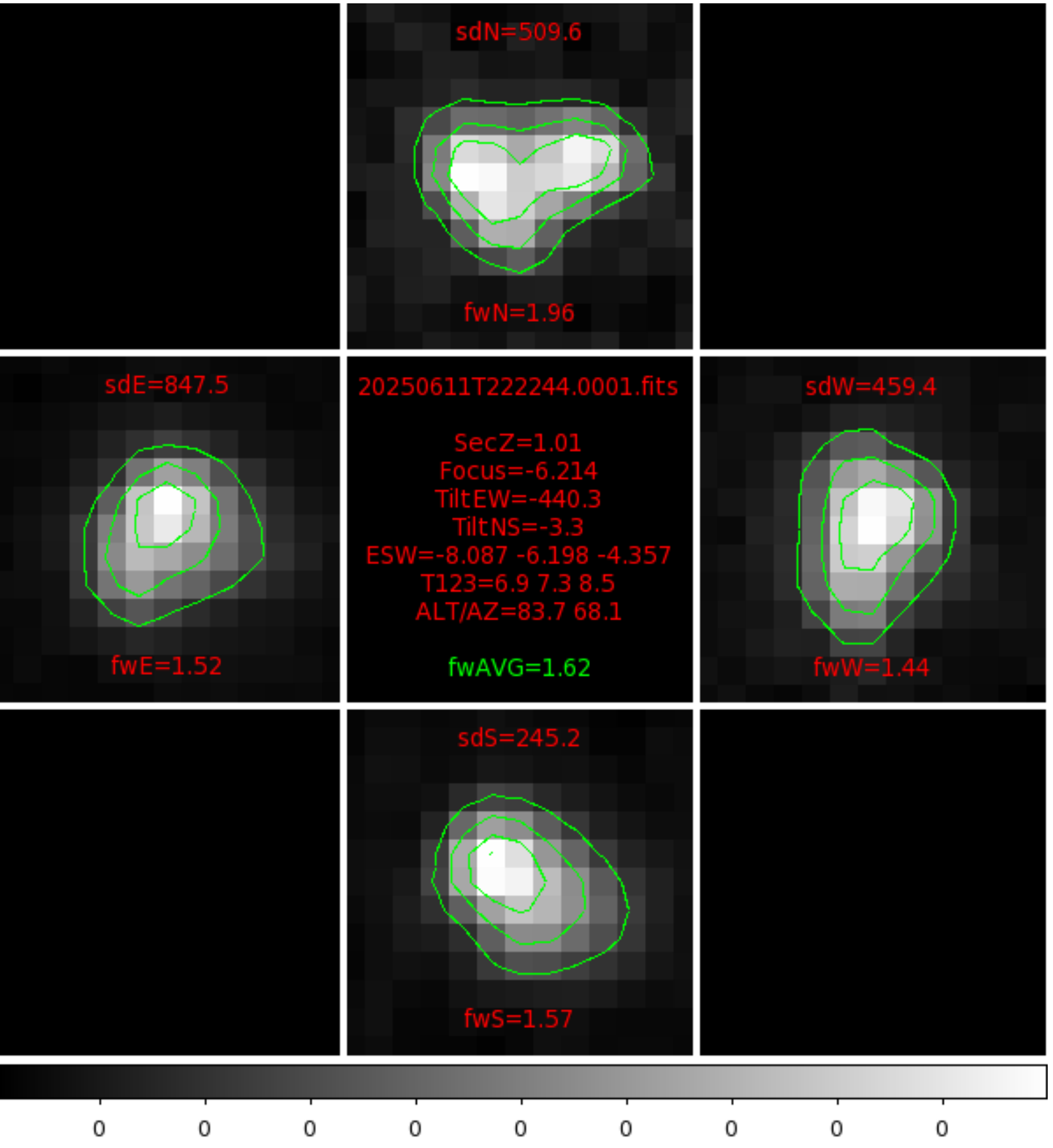
sdN=509.6
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sdE=847.5
fwE=1.52
20250611T222244.0001.fits
SecZ=1.01
Focus=-6.214
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.087 -6.198 -4.357
T123=6.9 7.3 8.5
ALT/AZ=83.7 68.1
fwAVG=1.62
sdW=459.4
fwW=1.44
sdS=245.2
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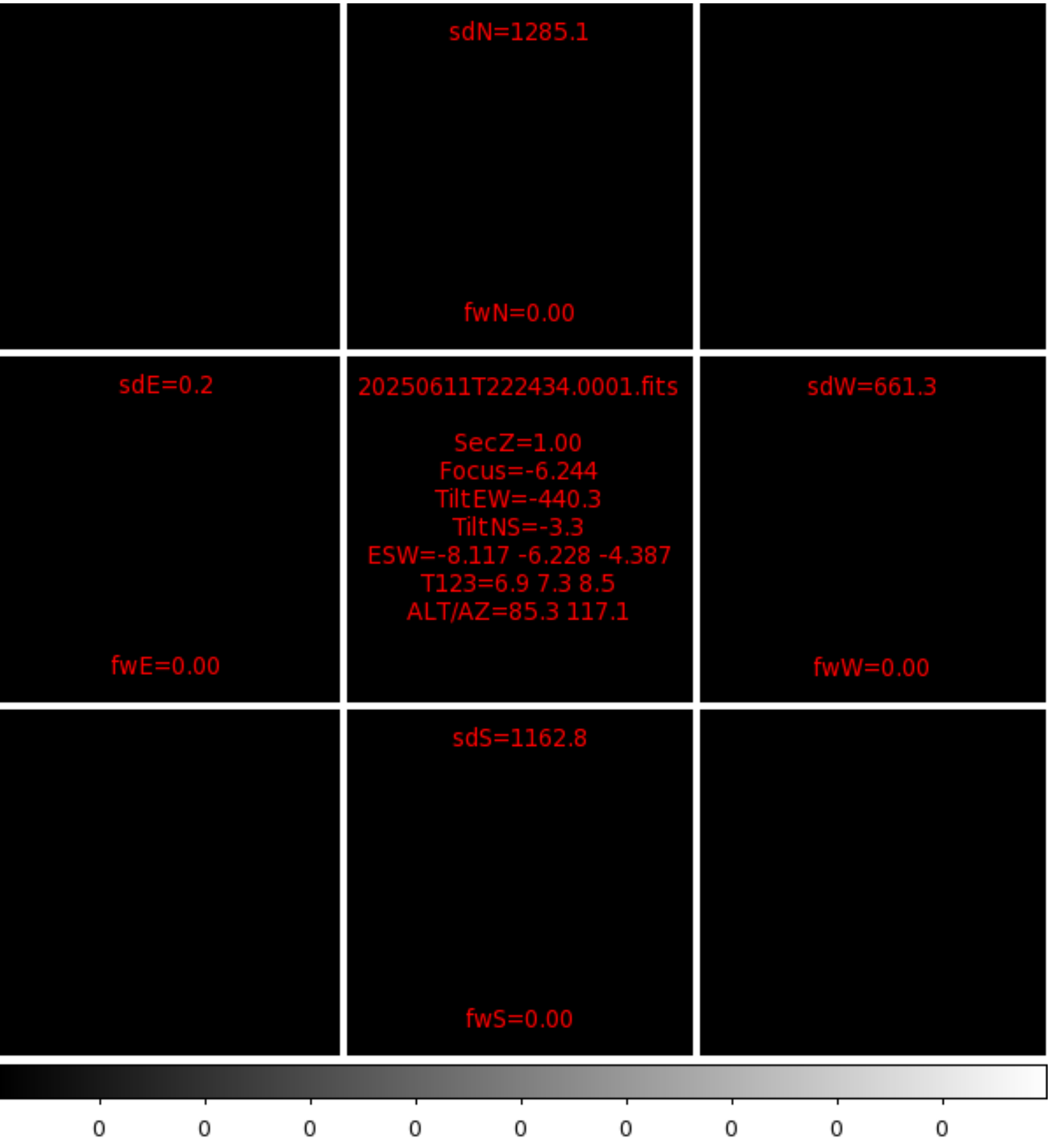
sdN=1285.1
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sdE=0.2
20250611T222434.0001.fits
SecZ=1.00
Focus=-6.244
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.117 -6.228 -4.387
T123=6.9 7.3 8.5
ALT/AZ=85.3 117.1
sdW=661.3
fwE=0.00
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sdS=1162.8
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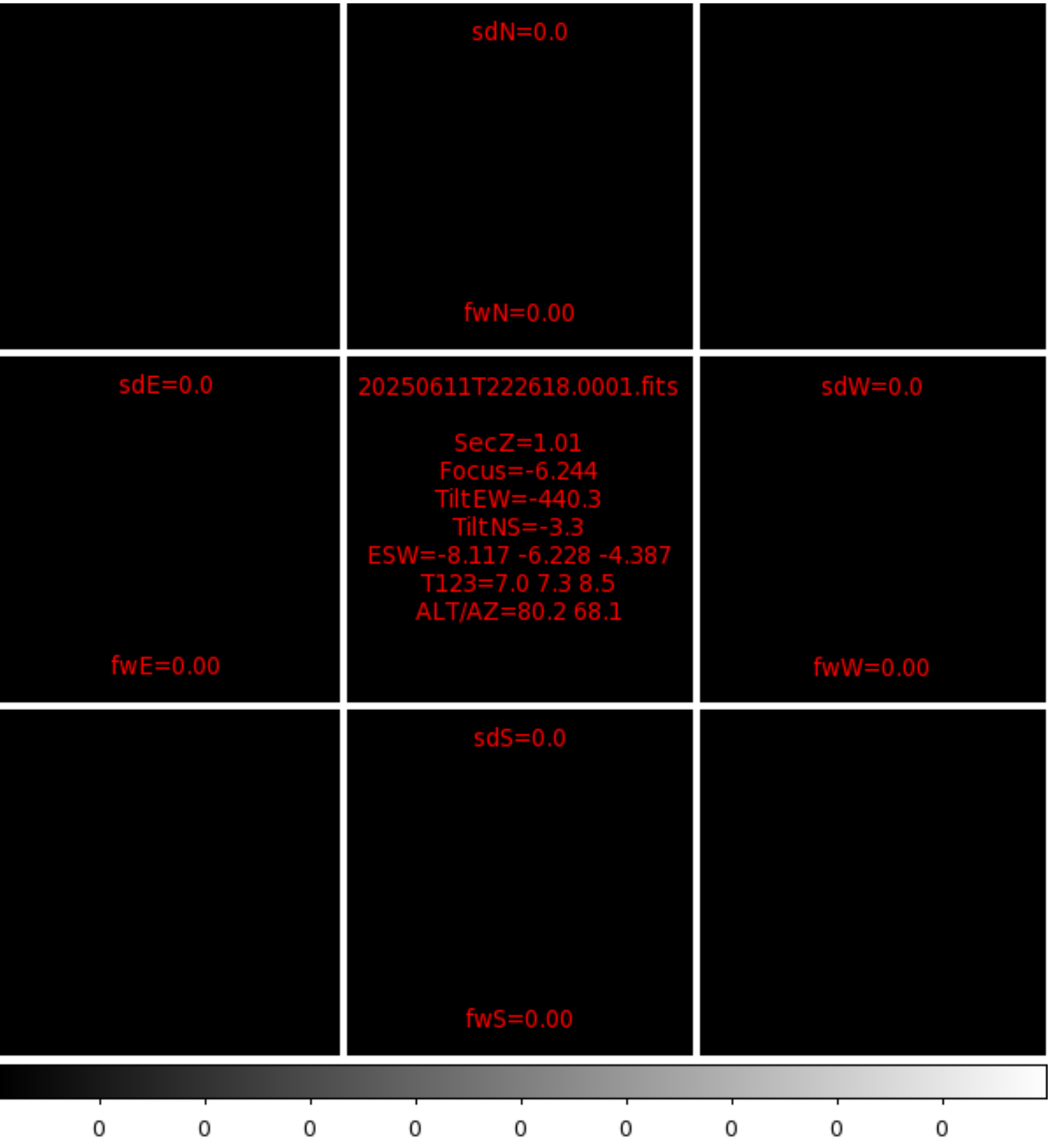
sdN=0.0
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sdE=0.0
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SecZ=1.01
Focus=-6.244
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.117 -6.228 -4.387
T123=7.0 7.3 8.5
ALT/AZ=80.2 68.1
sdW=0.0
fwE=0.00
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sdS=0.0
fwS=0.00
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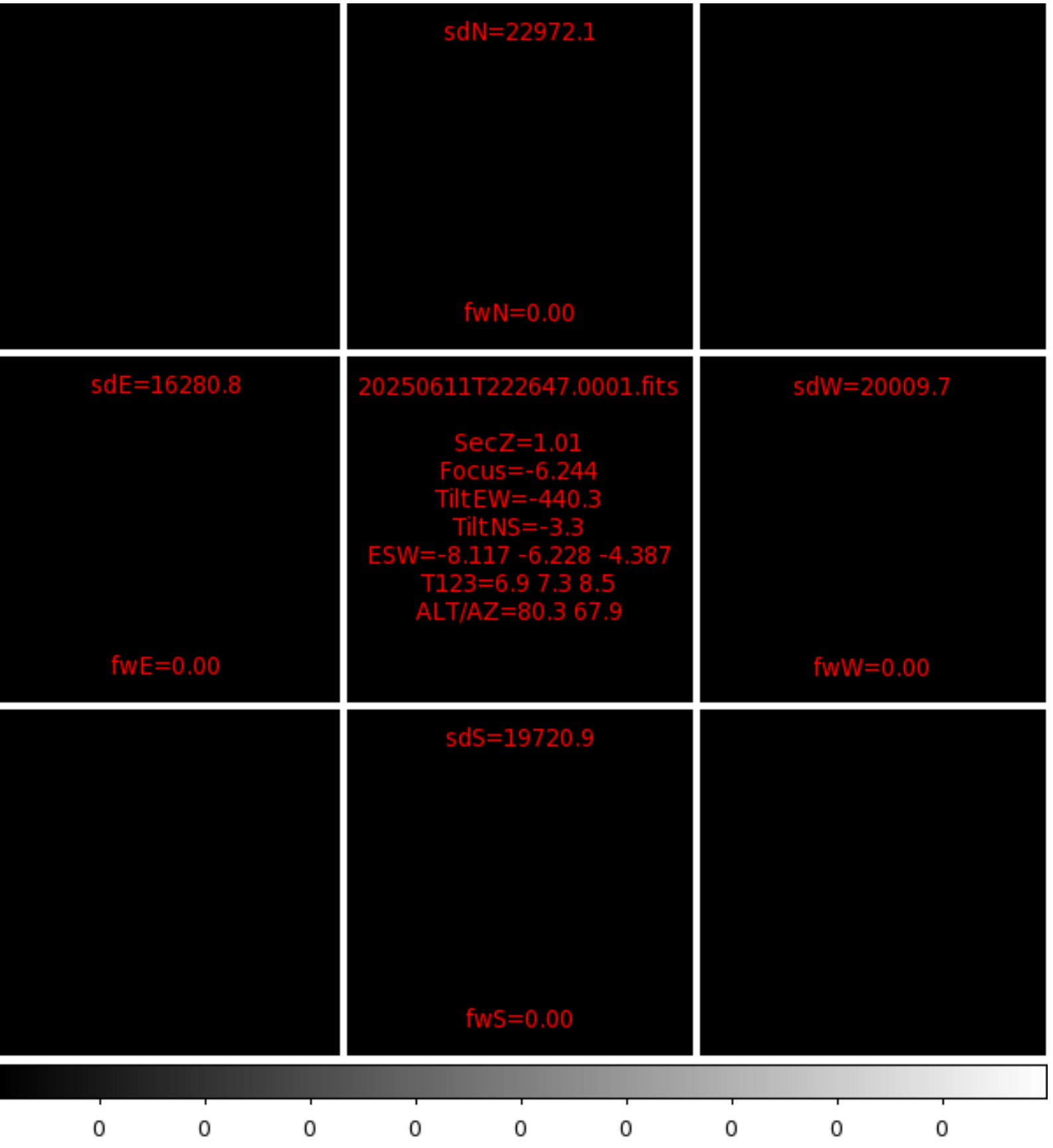
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fwN=0.00
sdE=16280.8
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SecZ=1.01
Focus=-6.244
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.117 -6.228 -4.387
T123=6.9 7.3 8.5
ALT/AZ=80.3 67.9
sdW=20009.7
fwW=0.00
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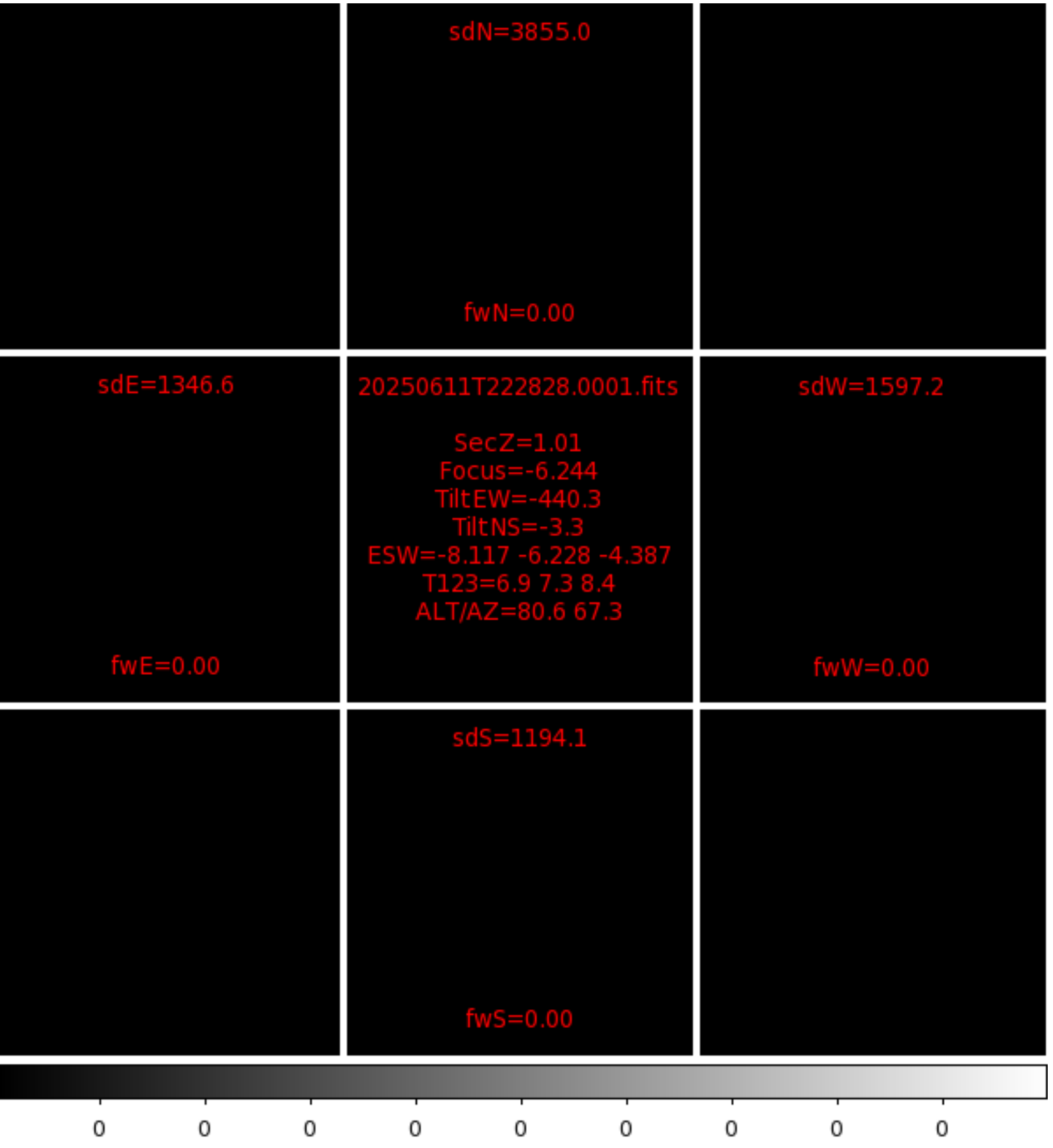
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sdE=1346.6
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SecZ=1.01
Focus=-6.244
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.117 -6.228 -4.387
T123=6.9 7.3 8.4
ALT/AZ=80.6 67.3
sdW=1597.2
fwW=0.00
sdS=1194.1
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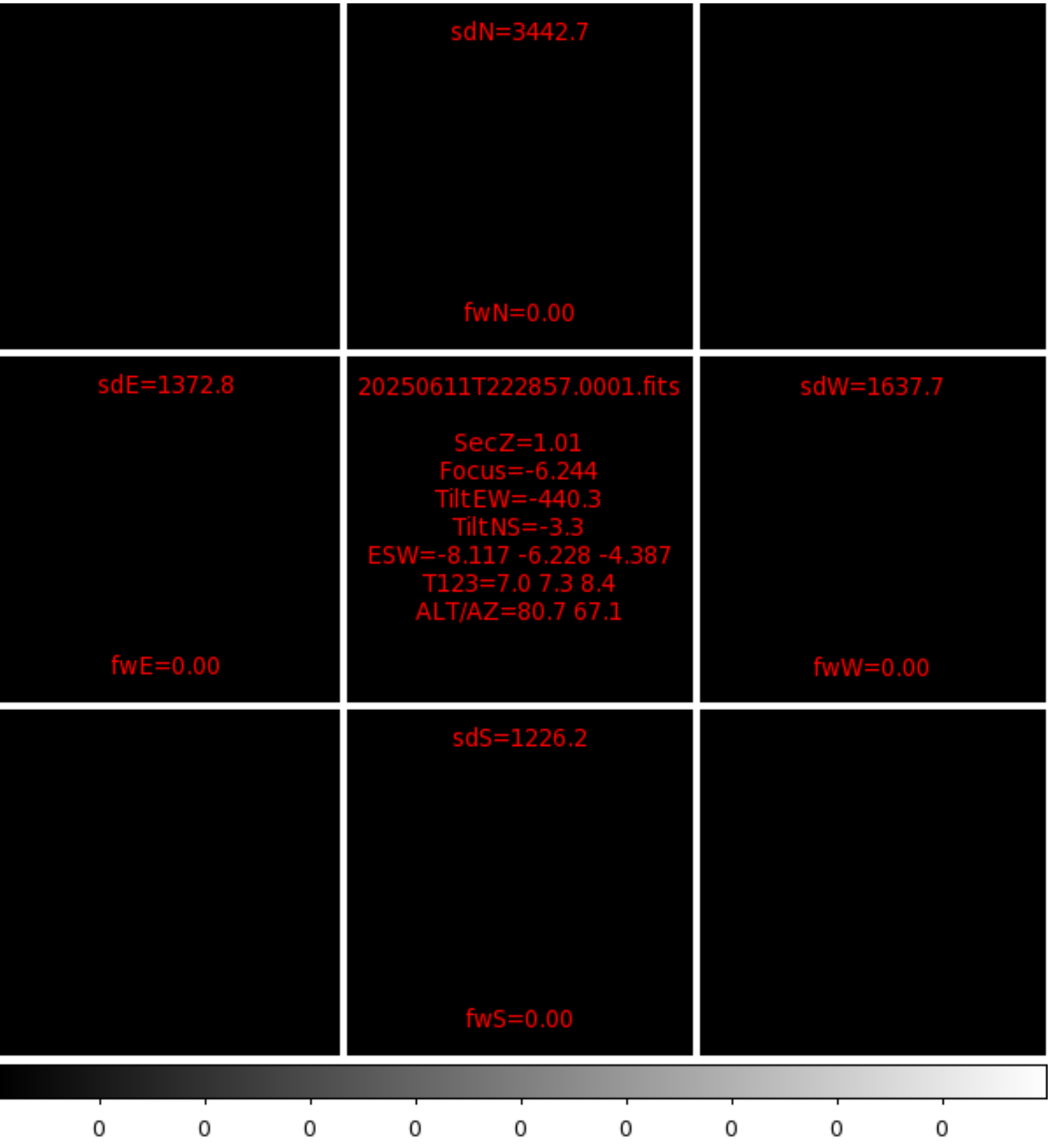
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sdE=1372.8
fwE=0.00
20250611T222857.0001.fits
SecZ=1.01
Focus=-6.244
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.117 -6.228 -4.387
T123=7.0 7.3 8.4
ALT/AZ=80.7 67.1
sdW=1637.7
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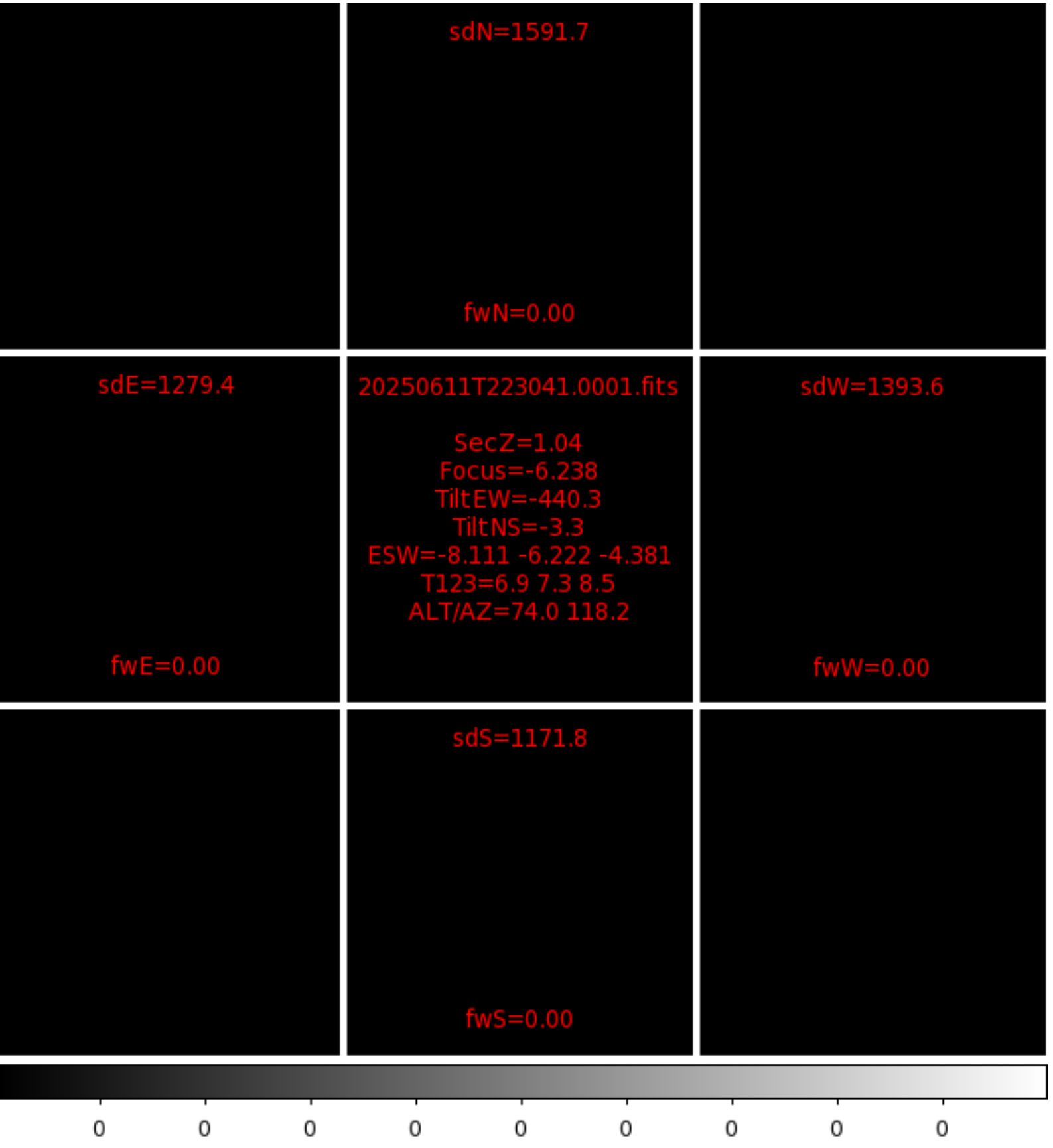
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SecZ=1.04
Focus=-6.238
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.111 -6.222 -4.381
T123=6.9 7.3 8.5
ALT/AZ=74.0 118.2
sdW=1393.6
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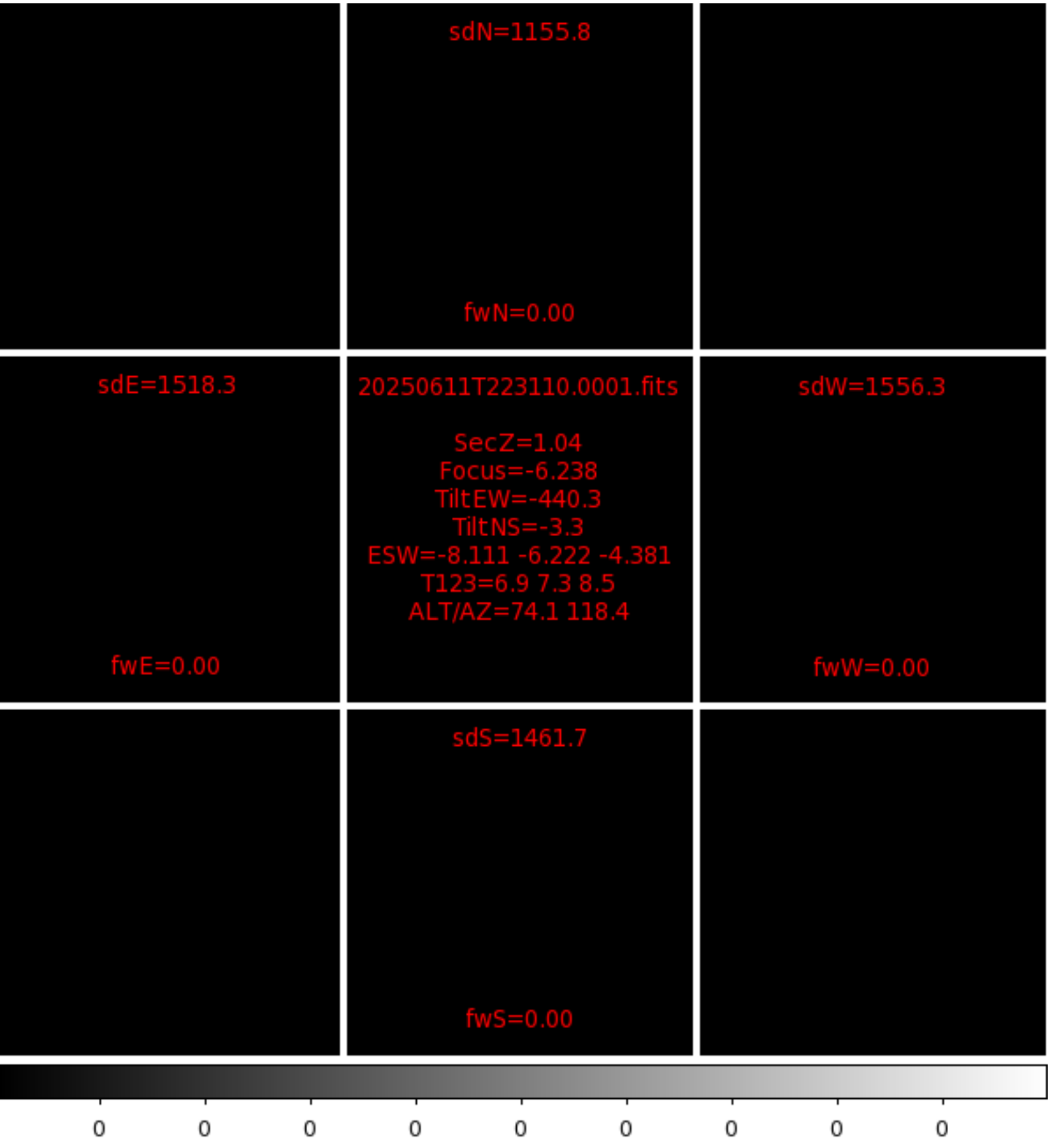
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sdE=1518.3
fwE=0.00
20250611T223110.0001.fits
SecZ=1.04
Focus=-6.238
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.111 -6.222 -4.381
T123=6.9 7.3 8.5
ALT/AZ=74.1 118.4
sdW=1556.3
fwW=0.00
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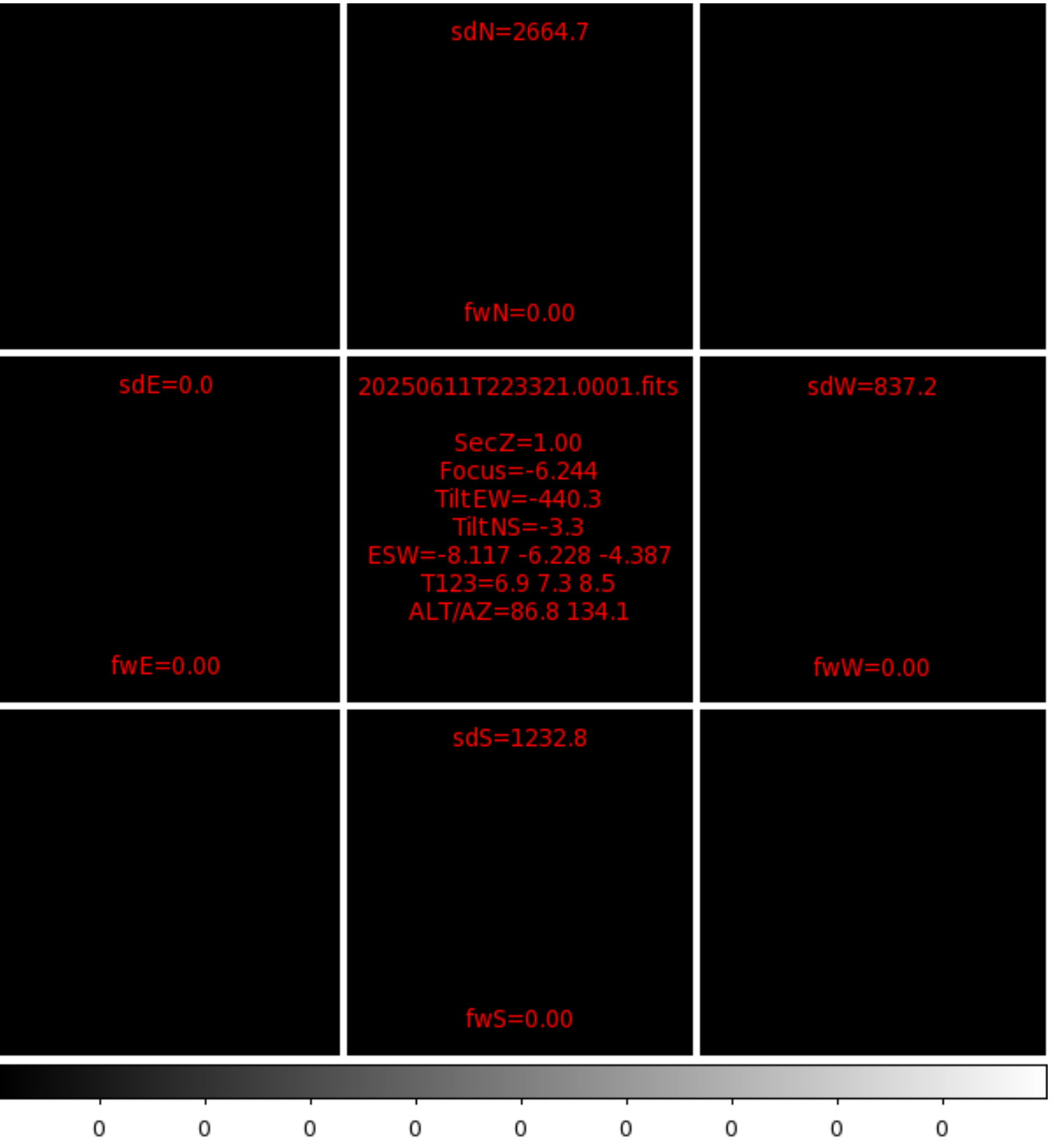
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sdE=0.0
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SecZ=1.00
Focus=-6.244
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.117 -6.228 -4.387
T123=6.9 7.3 8.5
ALT/AZ=86.8 134.1
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fwE=0.00
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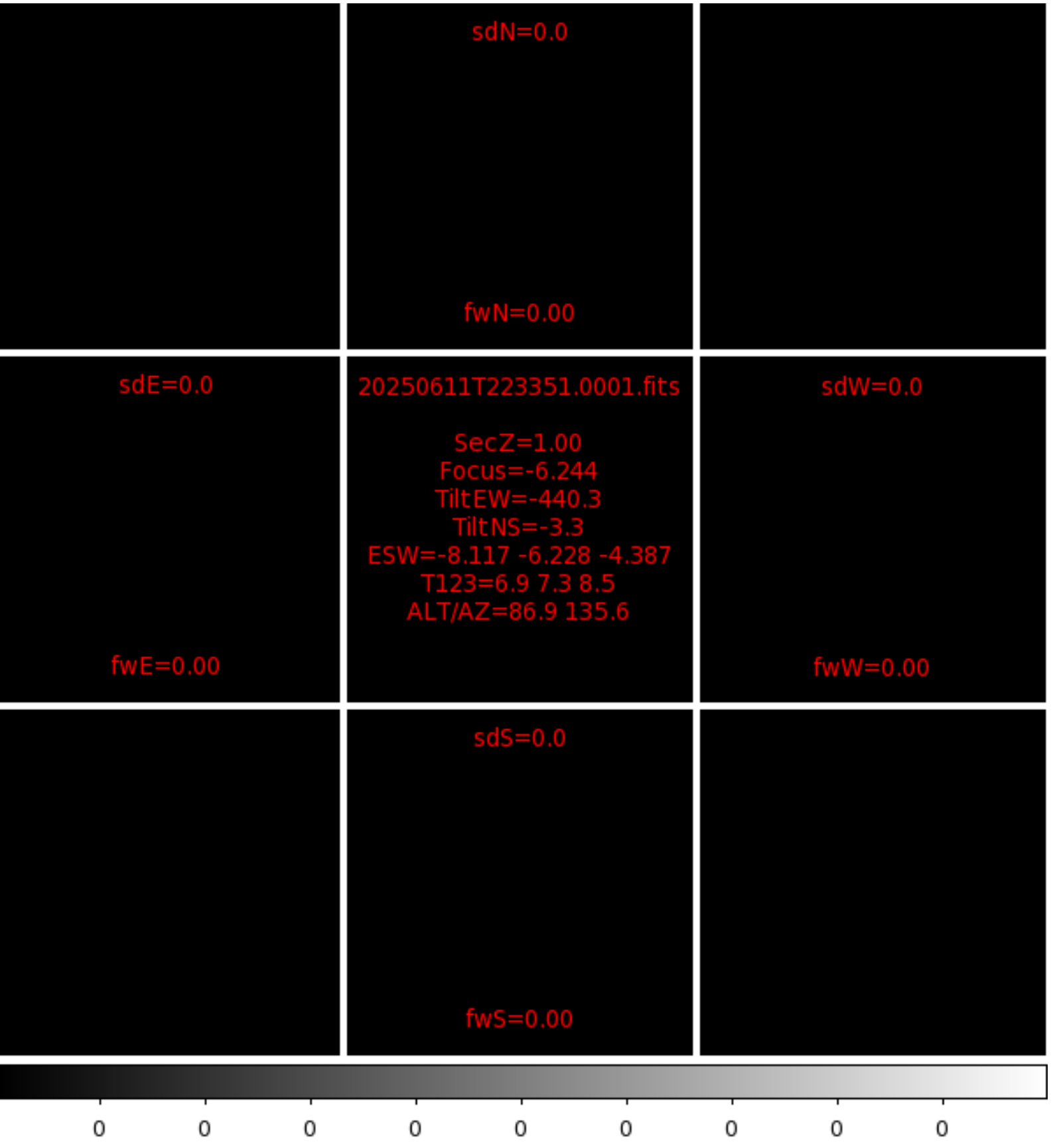
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fwN=0.00
sdE=0.0
20250611T223351.0001.fits
SecZ=1.00
Focus=-6.244
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.117 -6.228 -4.387
T123=6.9 7.3 8.5
ALT/AZ=86.9 135.6
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
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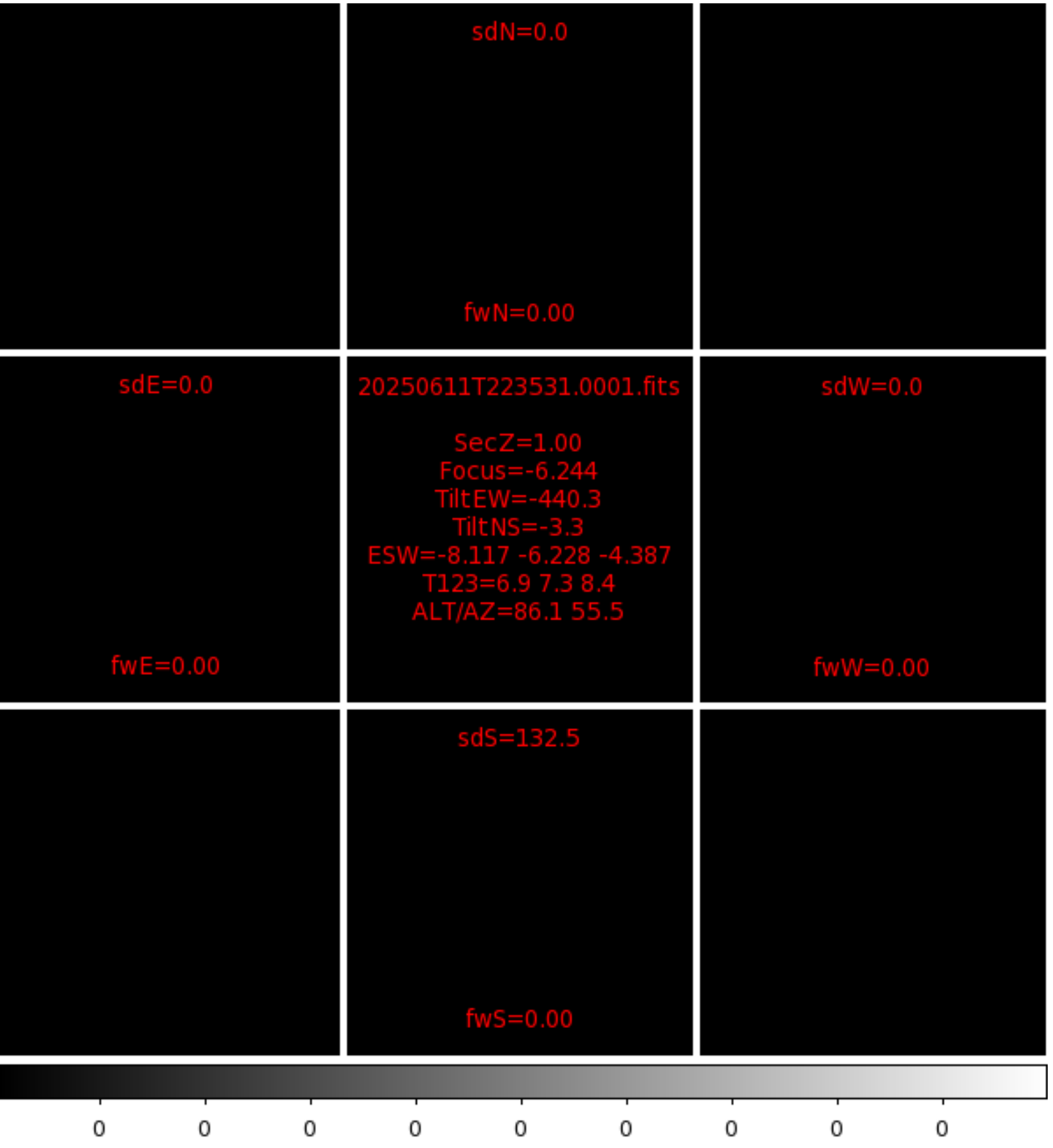
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sdE=0.0
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SecZ=1.00
Focus=-6.244
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.117 -6.228 -4.387
T123=6.9 7.3 8.4
ALT/AZ=86.1 55.5
sdW=0.0
fwE=0.00
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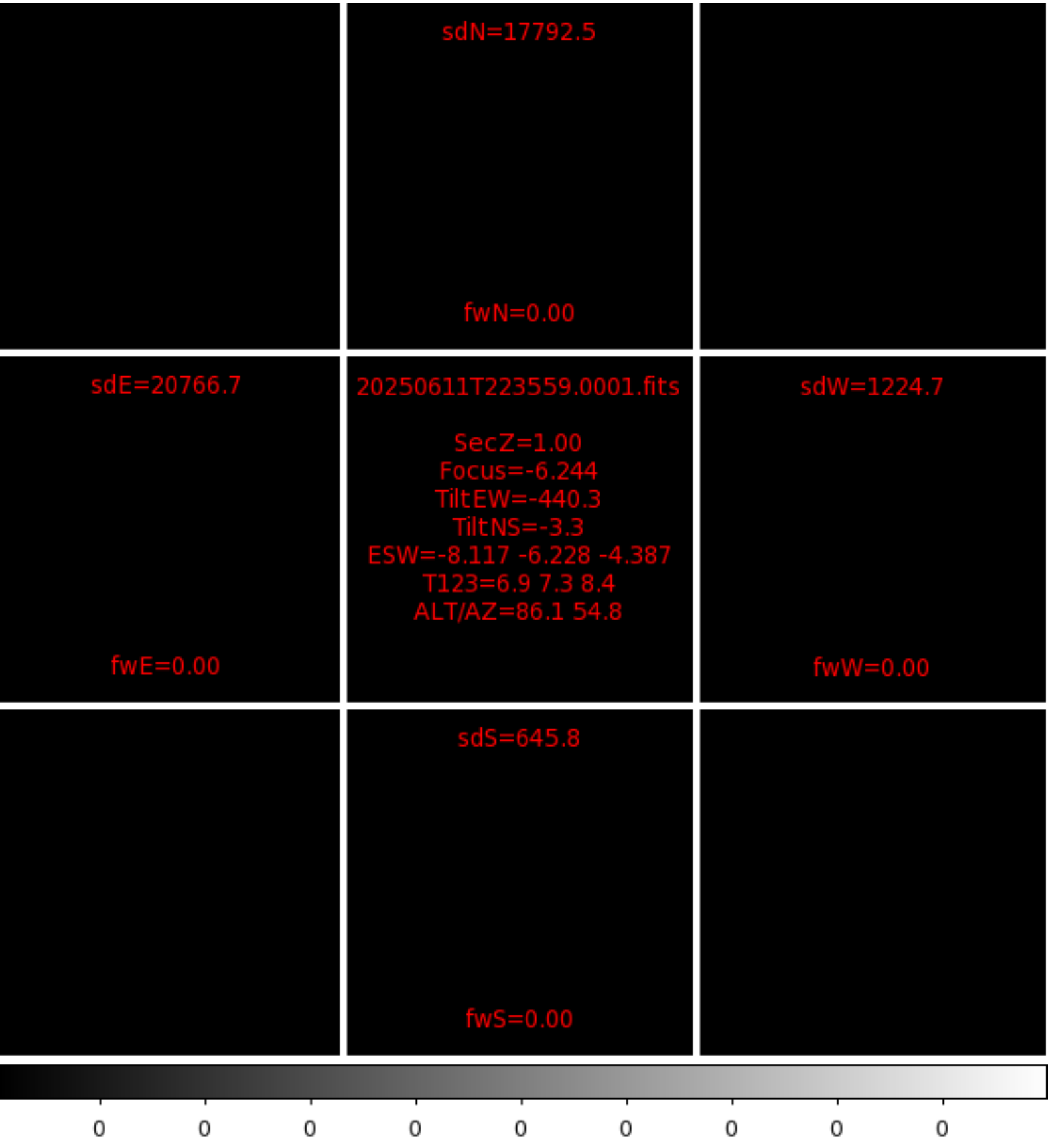
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SecZ=1.00
Focus=-6.244
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.117 -6.228 -4.387
T123=6.9 7.3 8.4
ALT/AZ=86.1 54.8
sdW=1224.7
fwW=0.00
sdS=645.8
fwS=0.00
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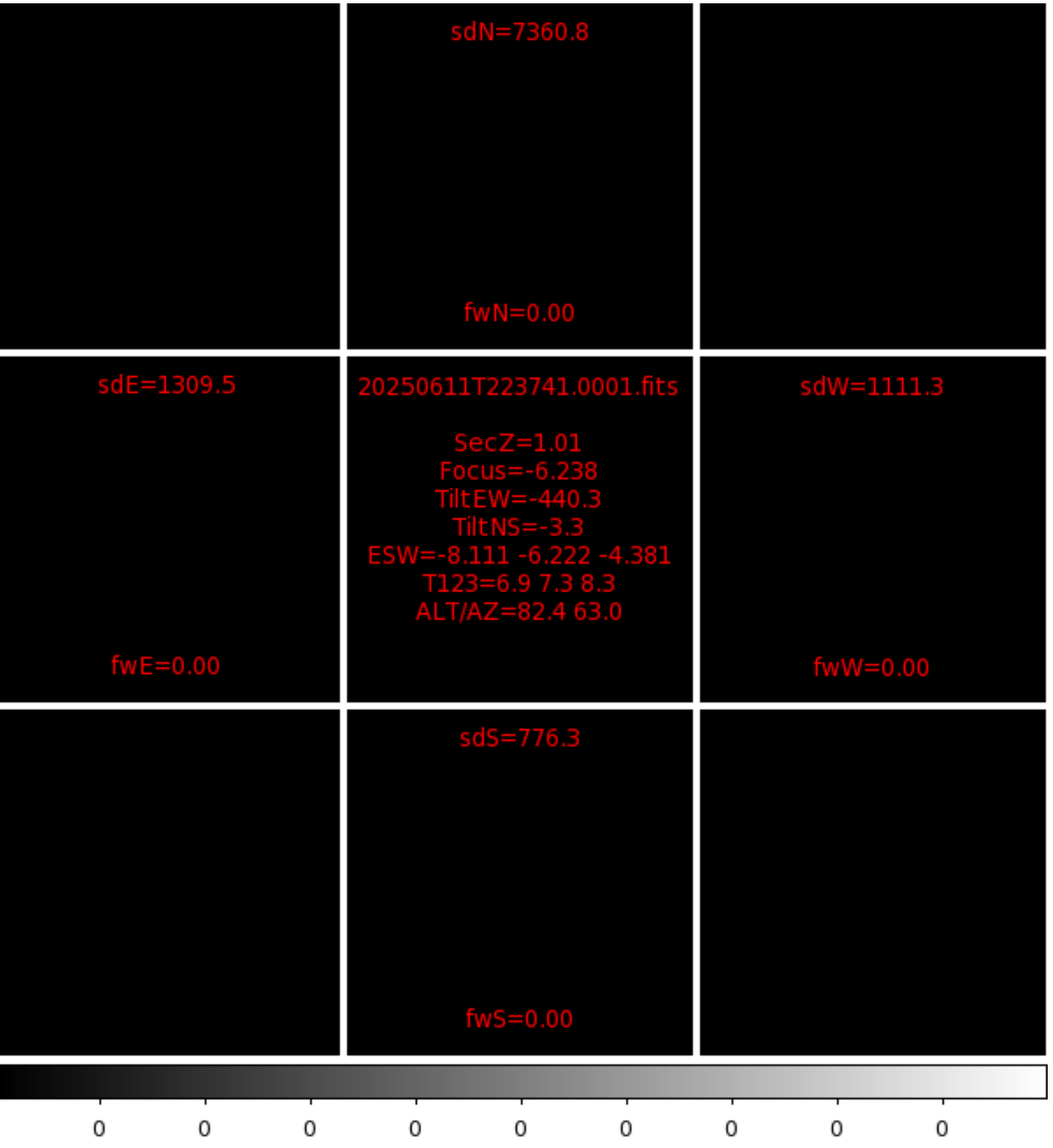
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sdE=1309.5
fwE=0.00
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SecZ=1.01
Focus=-6.238
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.111 -6.222 -4.381
T123=6.9 7.3 8.3
ALT/AZ=82.4 63.0
sdW=1111.3
fwW=0.00
sdS=776.3
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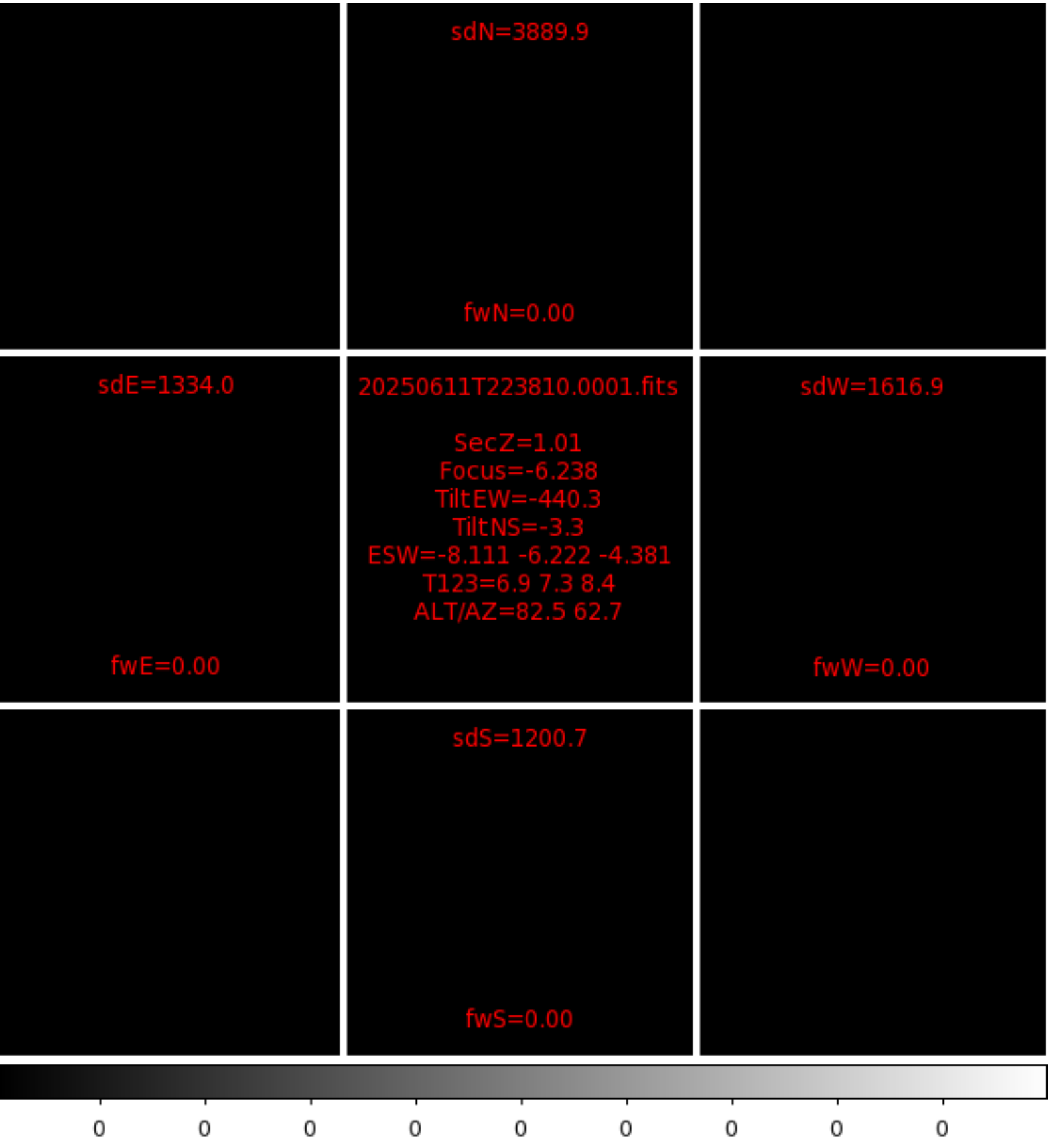
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sdE=1334.0
fwE=0.00
20250611T223810.0001.fits
SecZ=1.01
Focus=-6.238
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.111 -6.222 -4.381
T123=6.9 7.3 8.4
ALT/AZ=82.5 62.7
sdW=1616.9
fwW=0.00
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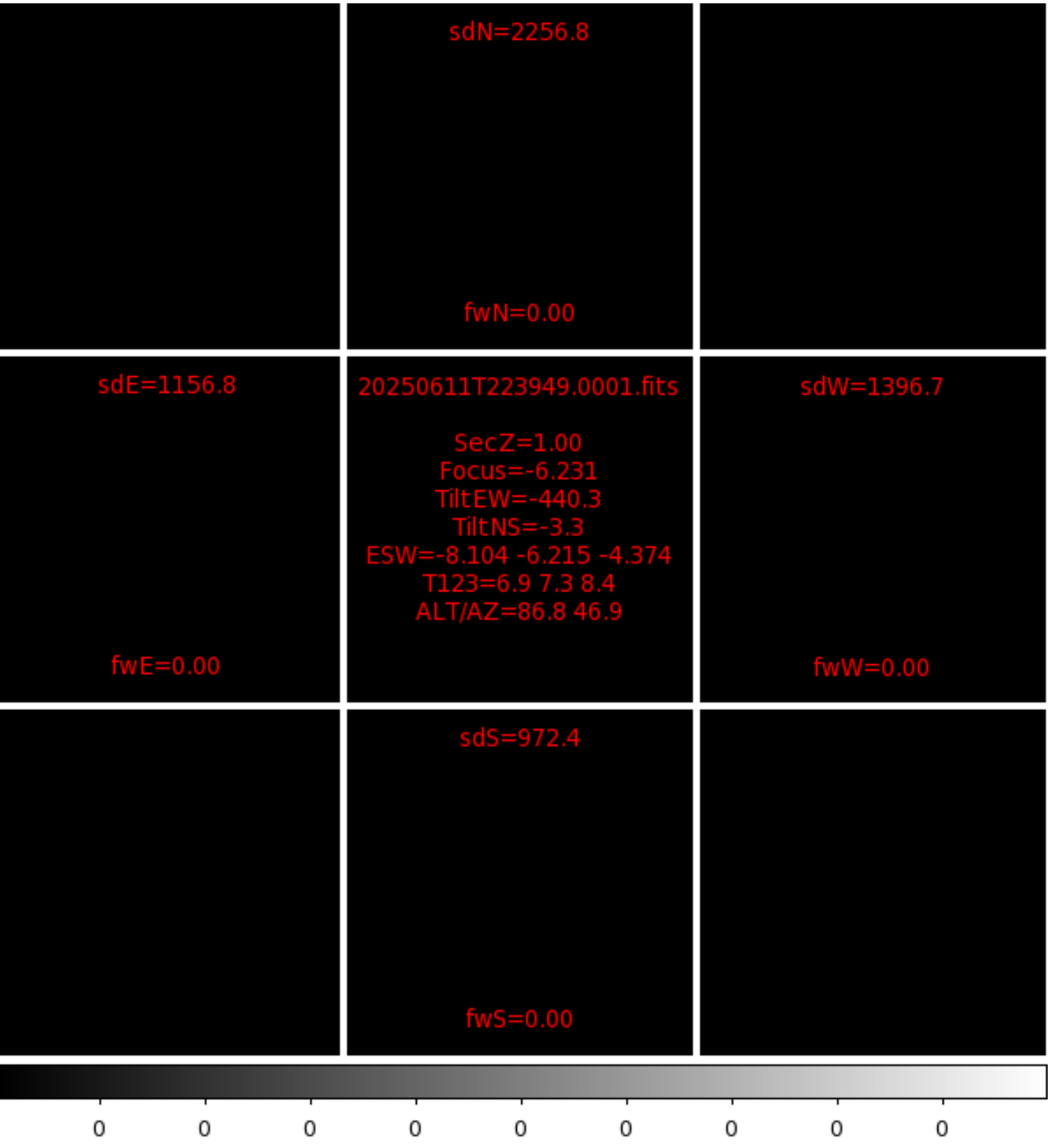
sdN=2256.8
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sdE=1156.8
fwE=0.00
20250611T223949.0001.fits
SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.3 8.4
ALT/AZ=86.8 46.9
sdW=1396.7
fwW=0.00
sdS=972.4
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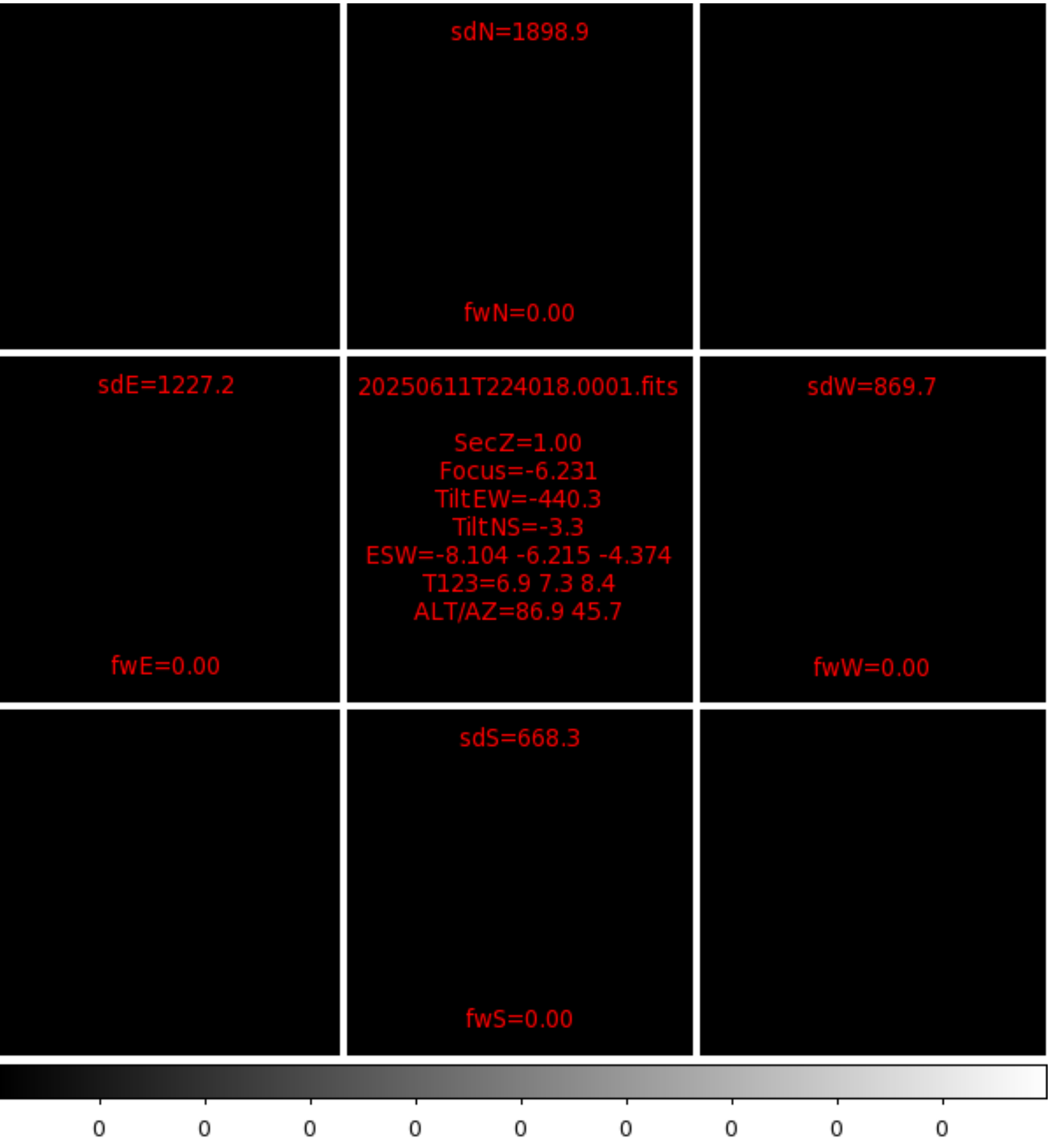
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sdE=1227.2
fwE=0.00
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SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.3 8.4
ALT/AZ=86.9 45.7
sdW=869.7
fwW=0.00
sdS=668.3
fwS=0.00
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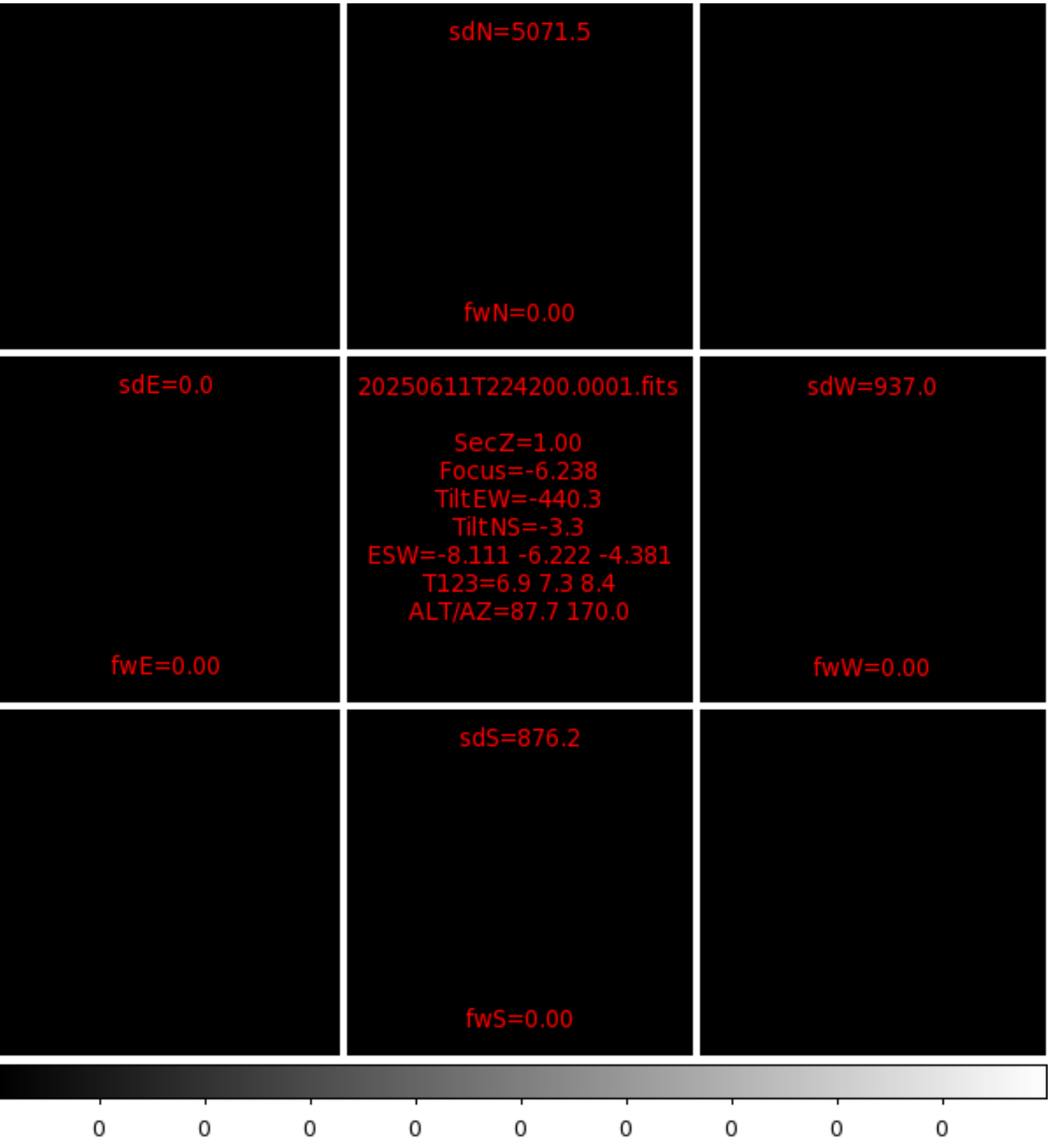
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sdE=0.0
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SecZ=1.00
Focus=-6.238
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.111 -6.222 -4.381
T123=6.9 7.3 8.4
ALT/AZ=87.7 170.0
sdW=937.0
fwE=0.00
fwW=0.00
sdS=876.2
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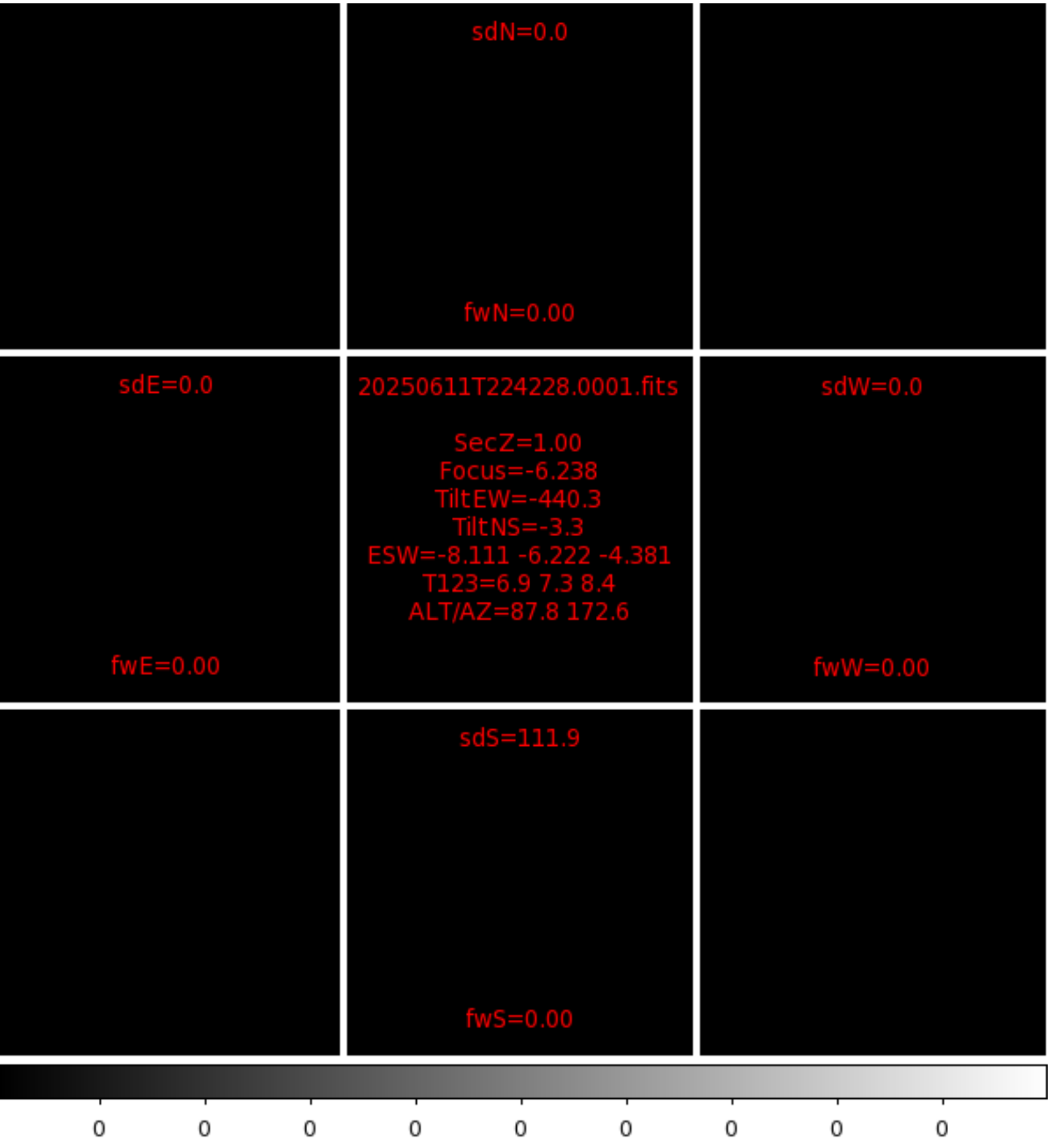
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sdE=0.0
20250611T224228.0001.fits
SecZ=1.00
Focus=-6.238
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.111 -6.222 -4.381
T123=6.9 7.3 8.4
ALT/AZ=87.8 172.6
sdW=0.0
fwE=0.00
fwW=0.00
sdS=111.9
fwS=0.00
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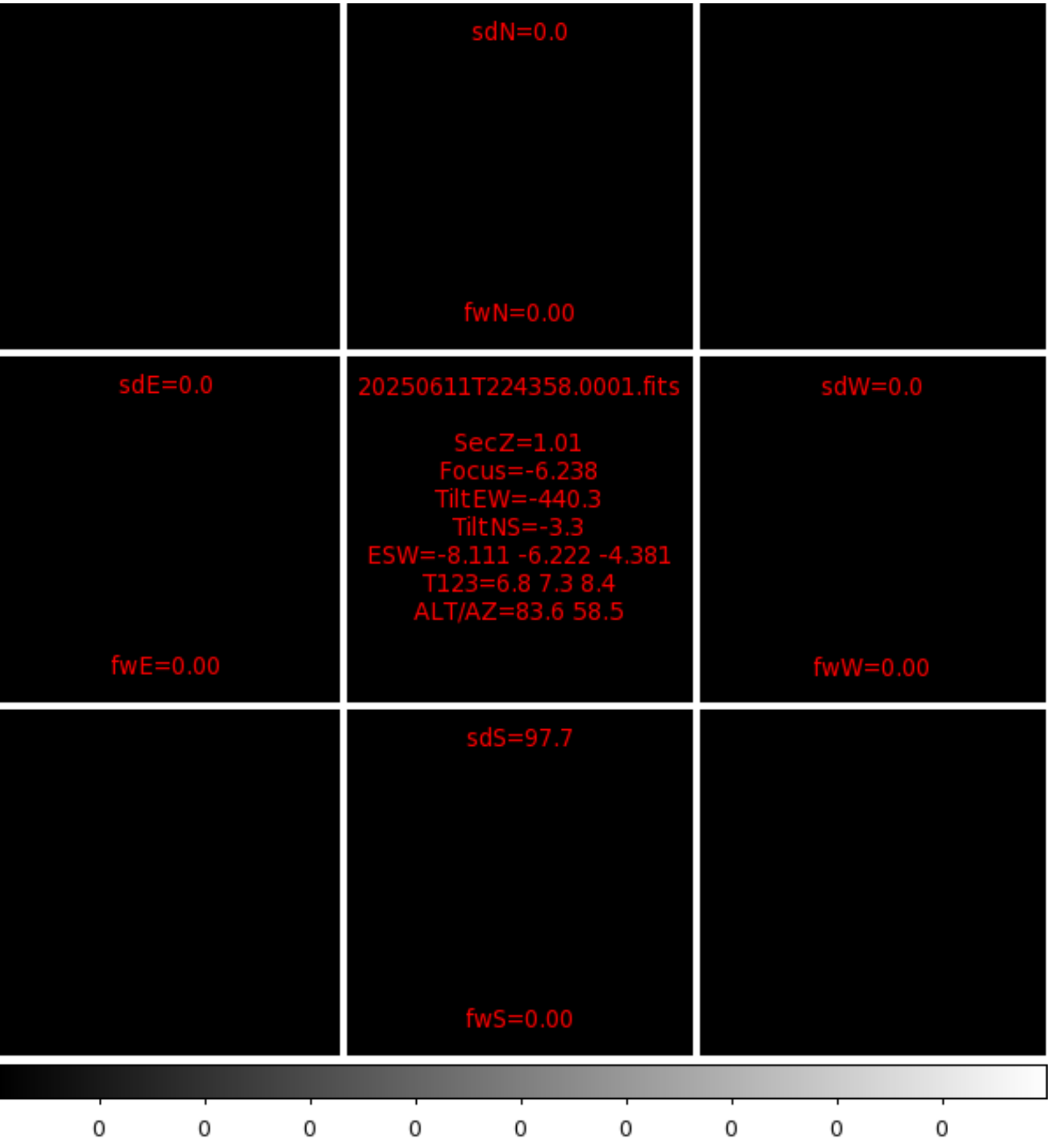
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sdE=0.0
20250611T224358.0001.fits
SecZ=1.01
Focus=-6.238
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.111 -6.222 -4.381
T123=6.8 7.3 8.4
ALT/AZ=83.6 58.5
sdW=0.0
fwE=0.00
fwW=0.00
sdS=97.7
fwS=0.00
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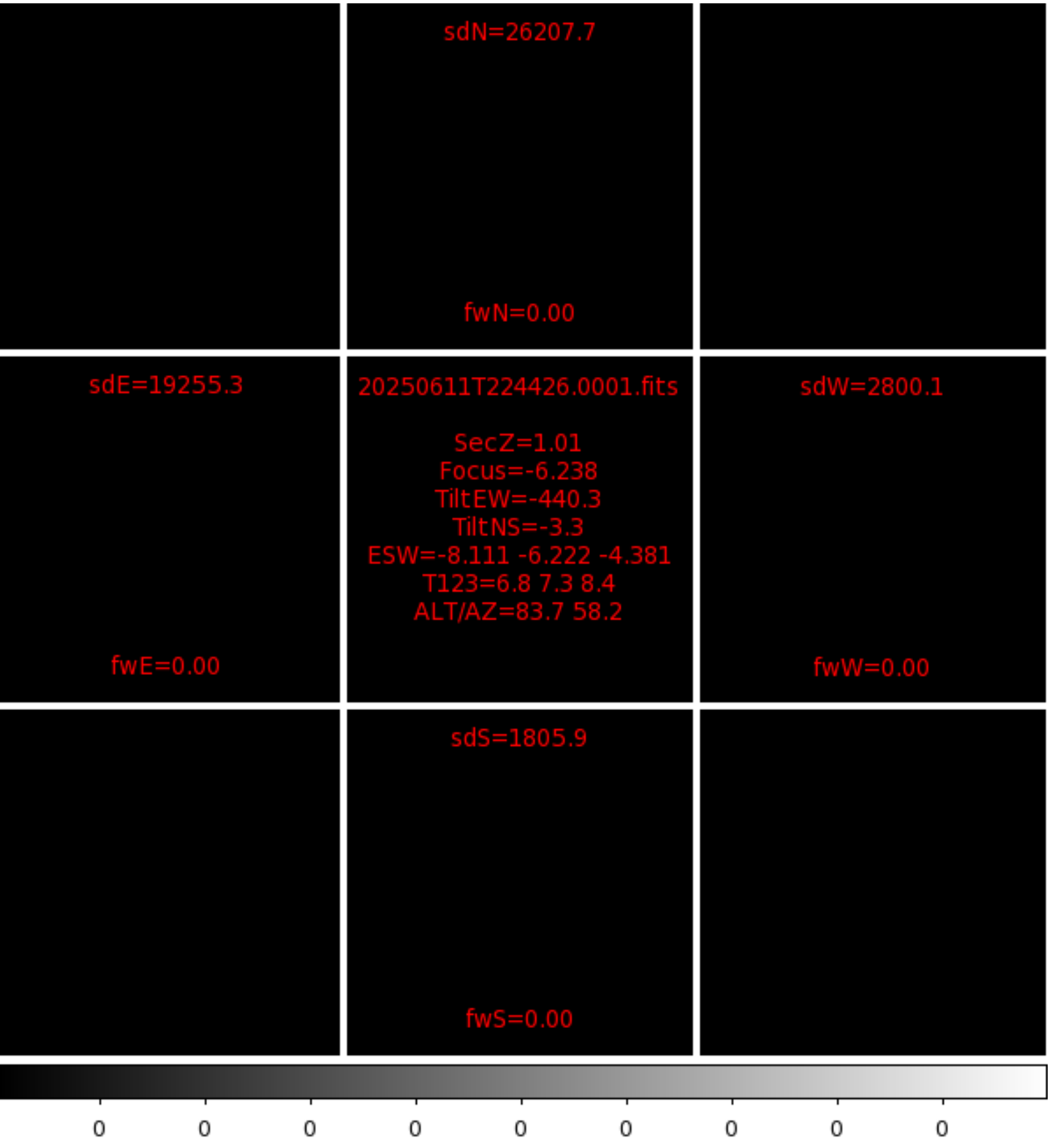
sdN=26207.7
fwN=0.00
sdE=19255.3
fwE=0.00
20250611T224426.0001.fits
SecZ=1.01
Focus=-6.238
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.111 -6.222 -4.381
T123=6.8 7.3 8.4
ALT/AZ=83.7 58.2
sdW=2800.1
fwW=0.00
sdS=1805.9
fwS=0.00
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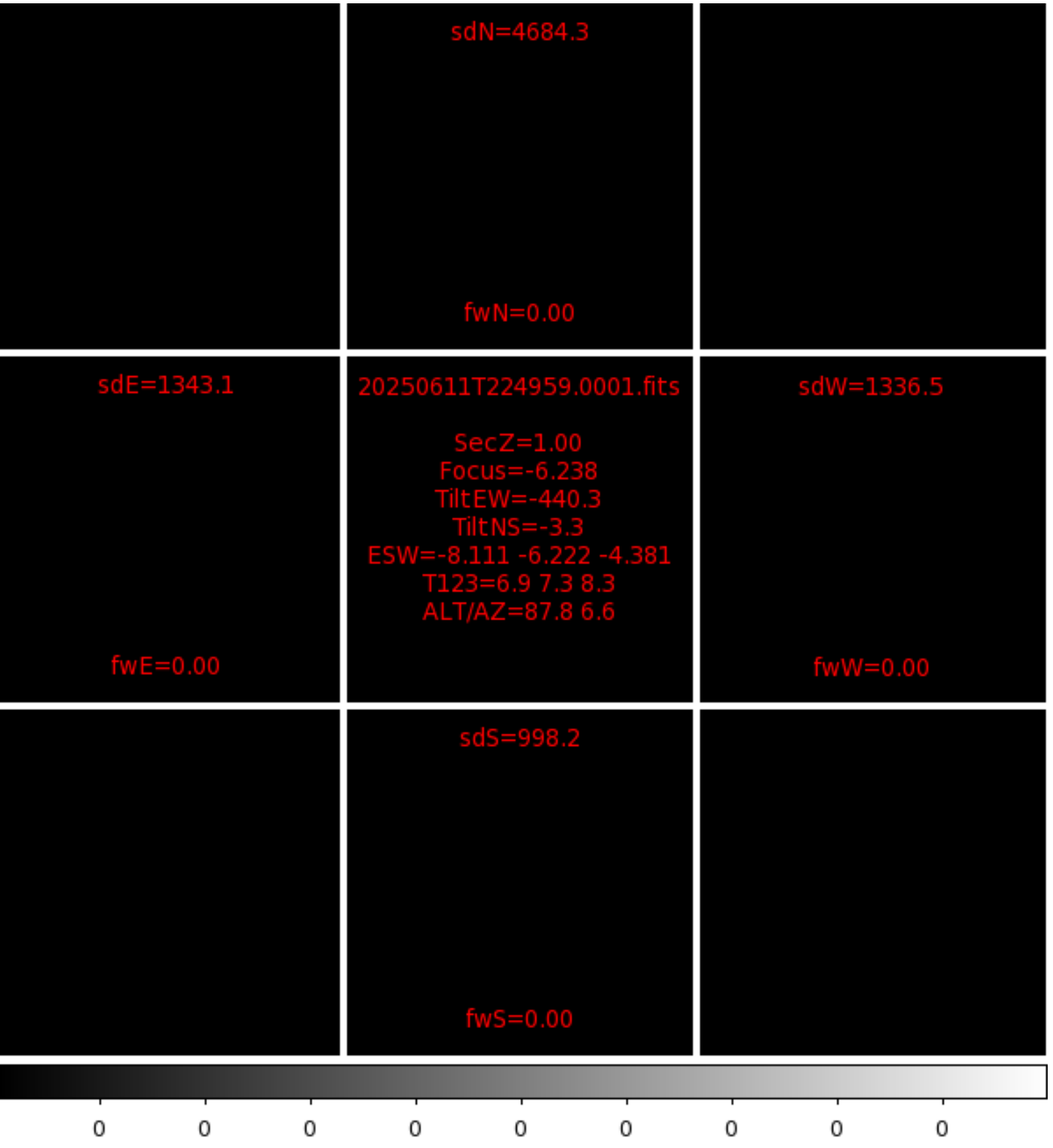
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fwN=0.00
sdE=1343.1
fwE=0.00
20250611T224959.0001.fits
SecZ=1.00
Focus=-6.238
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.111 -6.222 -4.381
T123=6.9 7.3 8.3
ALT/AZ=87.8 6.6
sdW=1336.5
fwW=0.00
sdS=998.2
fwS=0.00
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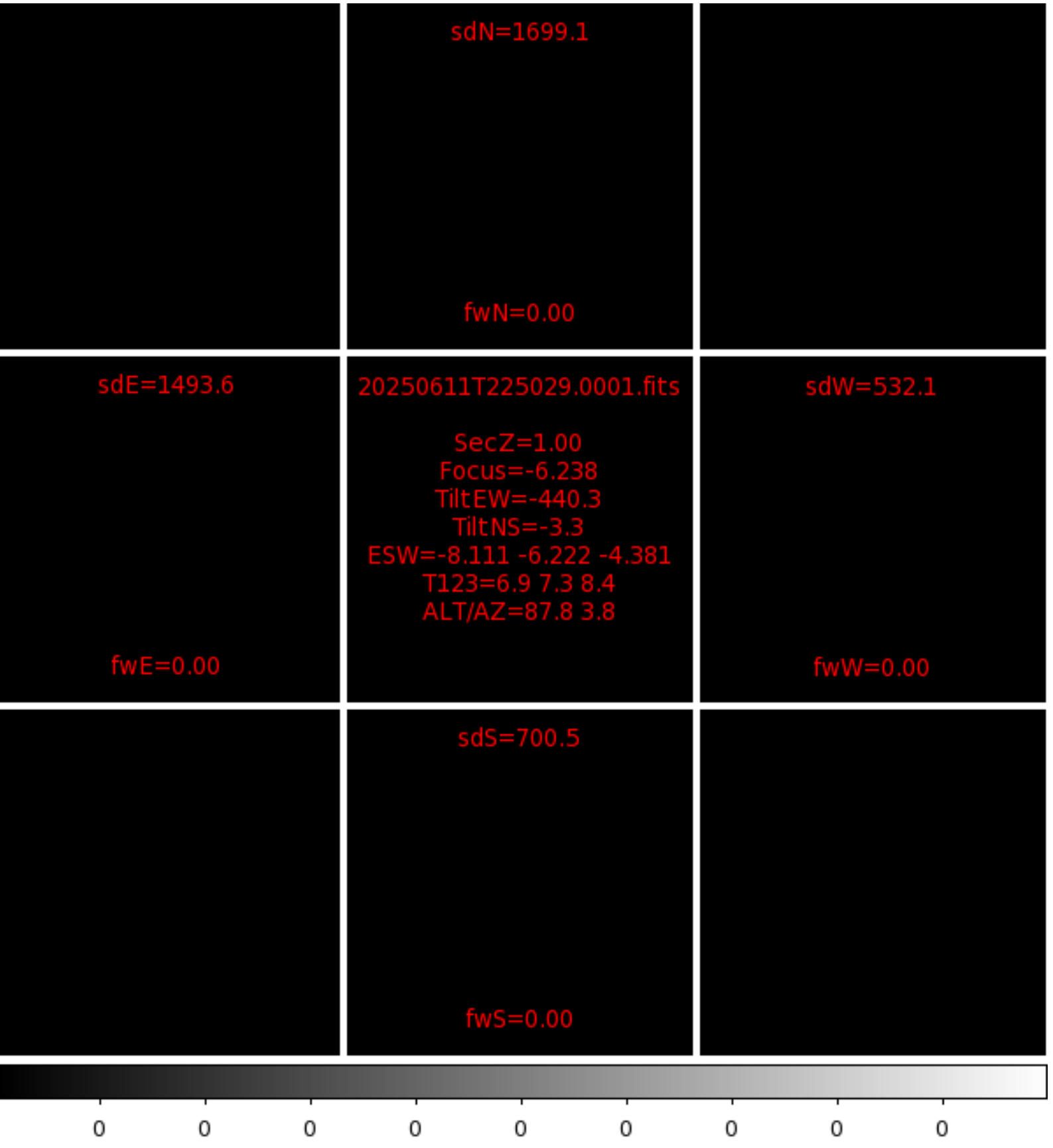
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sdE=1493.6
fwE=0.00
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SecZ=1.00
Focus=-6.238
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.111 -6.222 -4.381
T123=6.9 7.3 8.4
ALT/AZ=87.8 3.8
sdW=532.1
fwW=0.00
sdS=700.5
fwS=0.00
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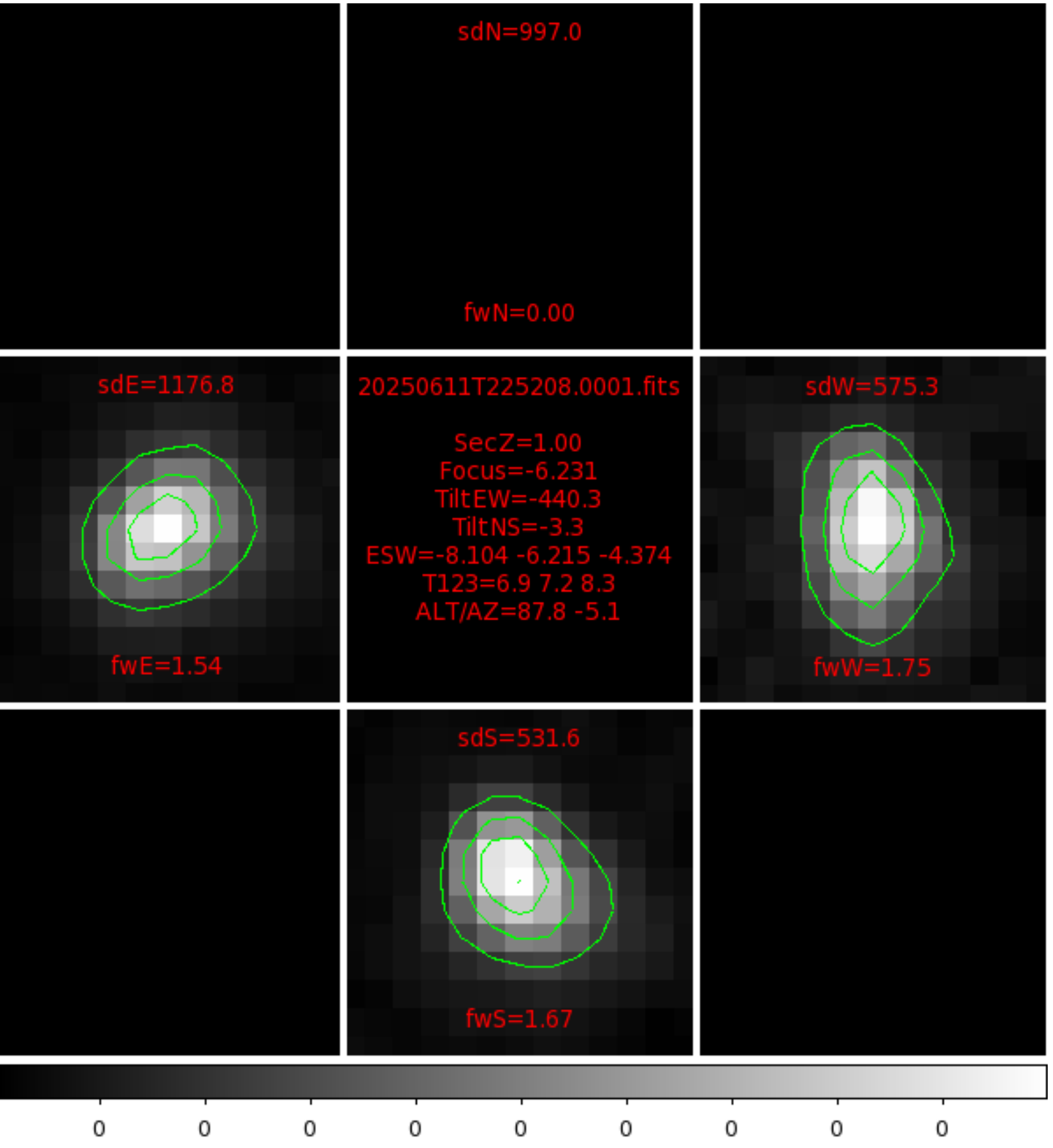
sdN=997.0
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sdE=1176.8
fwE=1.54
20250611T225208.0001.fits
SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.2 8.3
ALT/AZ=87.8 -5.1
sdW=575.3
fwW=1.75
sdS=531.6
fwS=1.67
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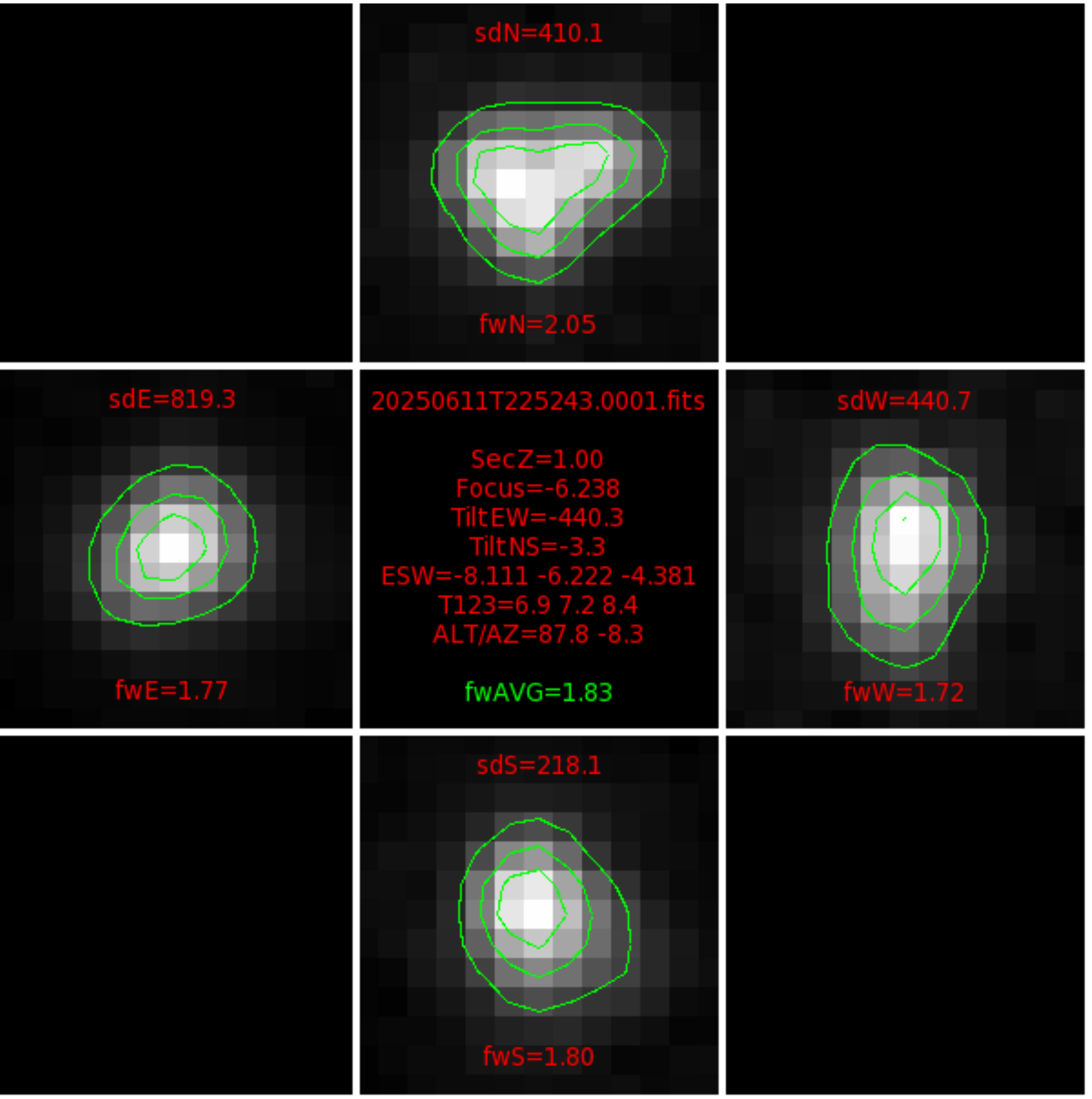
sdN=410.1
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sdE=819.3
fwE=1.77
20250611T225243.0001.fits
SecZ=1.00
Focus=-6.238
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.111 -6.222 -4.381
T123=6.9 7.2 8.4
ALT/AZ=87.8 -8.3
fwAVG=1.83
sdW=440.7
fwW=1.72
sdS=218.1
fwS=1.80
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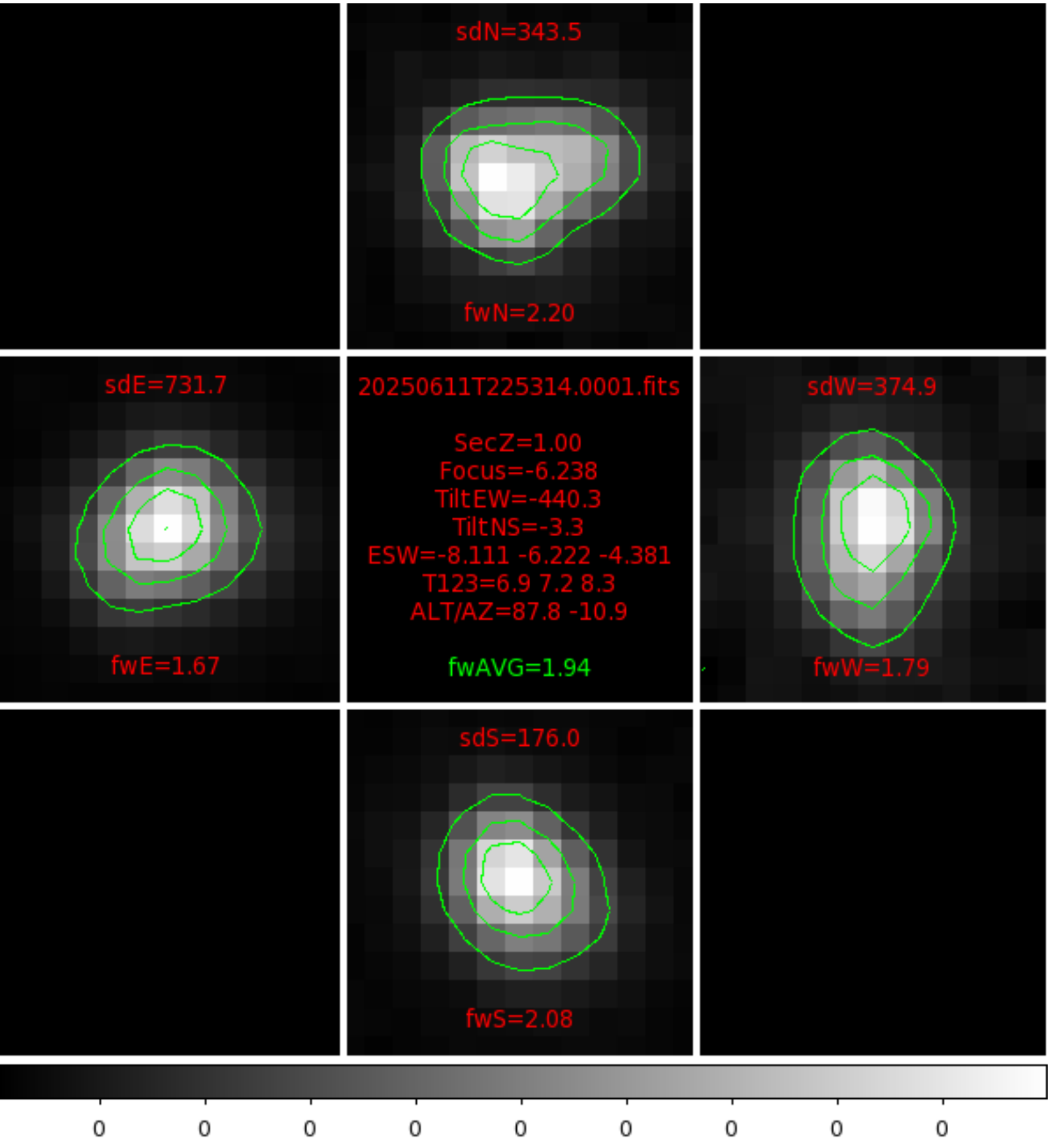
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sdE=731.7
fwE=1.67
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SecZ=1.00
Focus=-6.238
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.111 -6.222 -4.381
T123=6.9 7.2 8.3
ALT/AZ=87.8 -10.9
fwAVG=1.94
sdW=374.9
fwW=1.79
sdS=176.0
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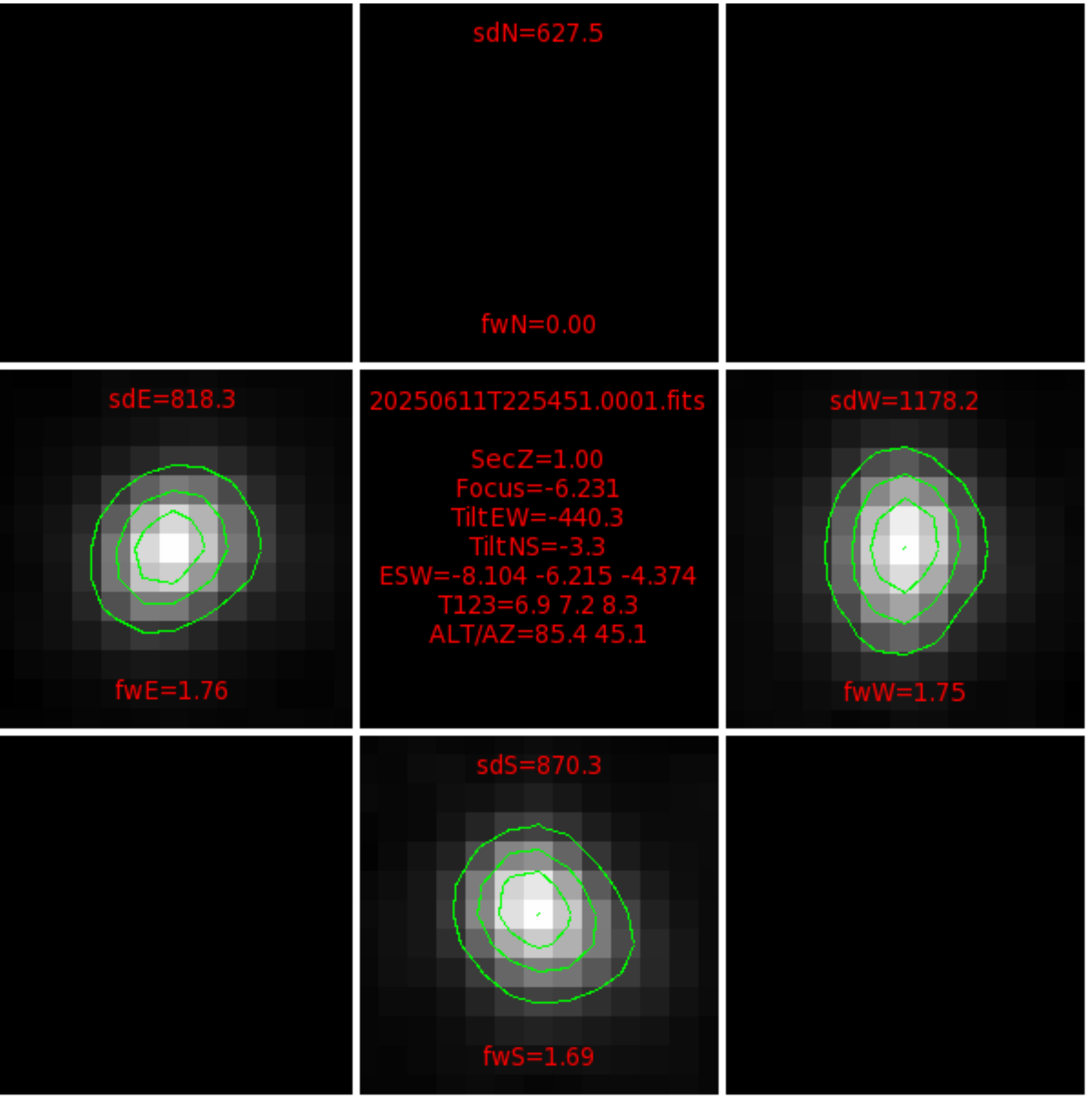
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fwN=0.00
sdE=818.3
fwE=1.76
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SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.2 8.3
ALT/AZ=85.4 45.1
sdW=1178.2
fwW=1.75
sdS=870.3
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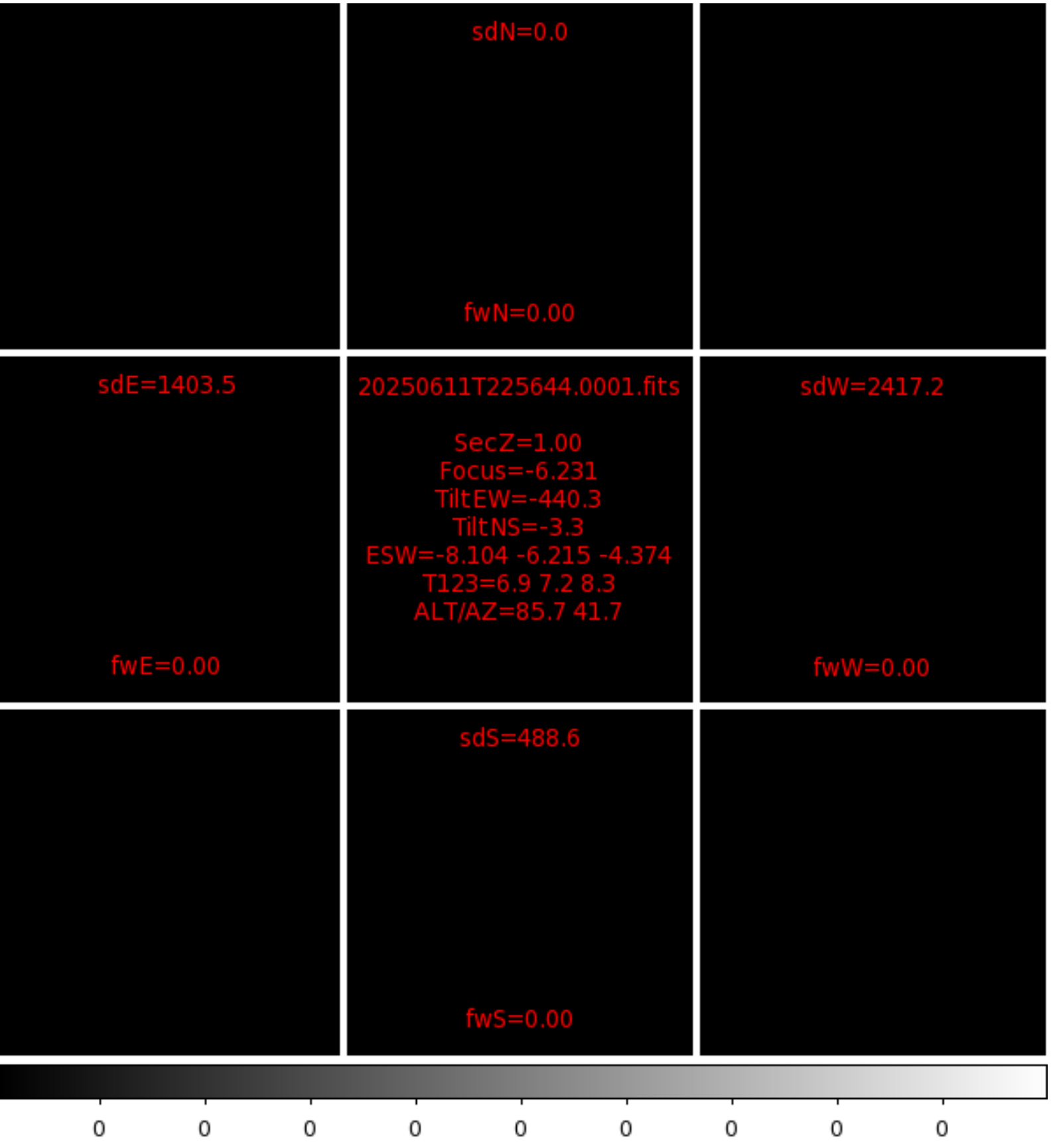
sdN=0.0
fwN=0.00
sdE=1403.5
fwE=0.00
20250611T225644.0001.fits
SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.2 8.3
ALT/AZ=85.7 41.7
sdW=2417.2
fwW=0.00
sdS=488.6
fwS=0.00
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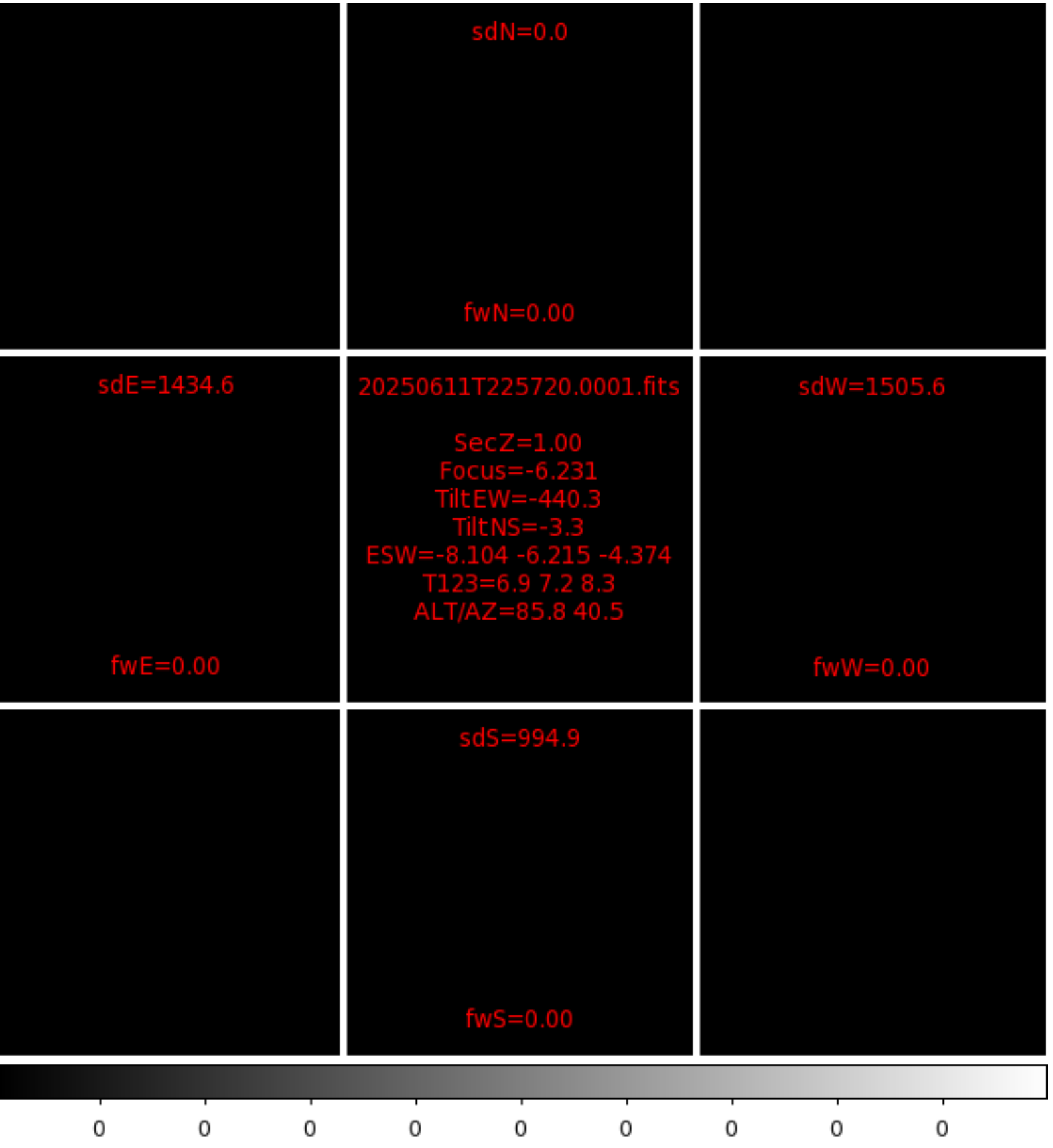
sdN=0.0
fwN=0.00
sdE=1434.6
fwE=0.00
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SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.2 8.3
ALT/AZ=85.8 40.5
sdW=1505.6
fwW=0.00
sdS=994.9
fwS=0.00
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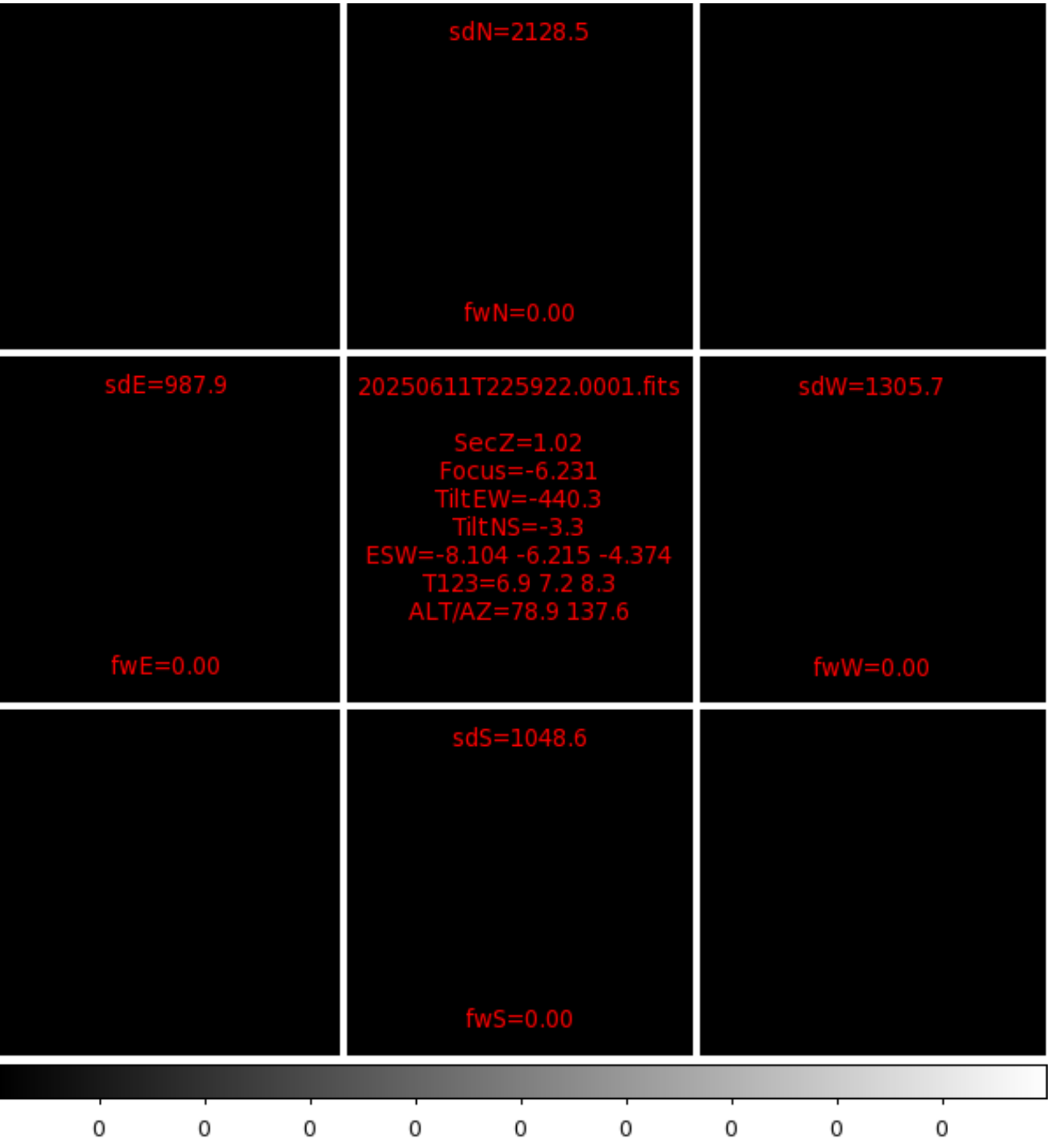
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sdE=987.9
fwE=0.00
20250611T225922.0001.fits
SecZ=1.02
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.2 8.3
ALT/AZ=78.9 137.6
sdW=1305.7
fwW=0.00
sdS=1048.6
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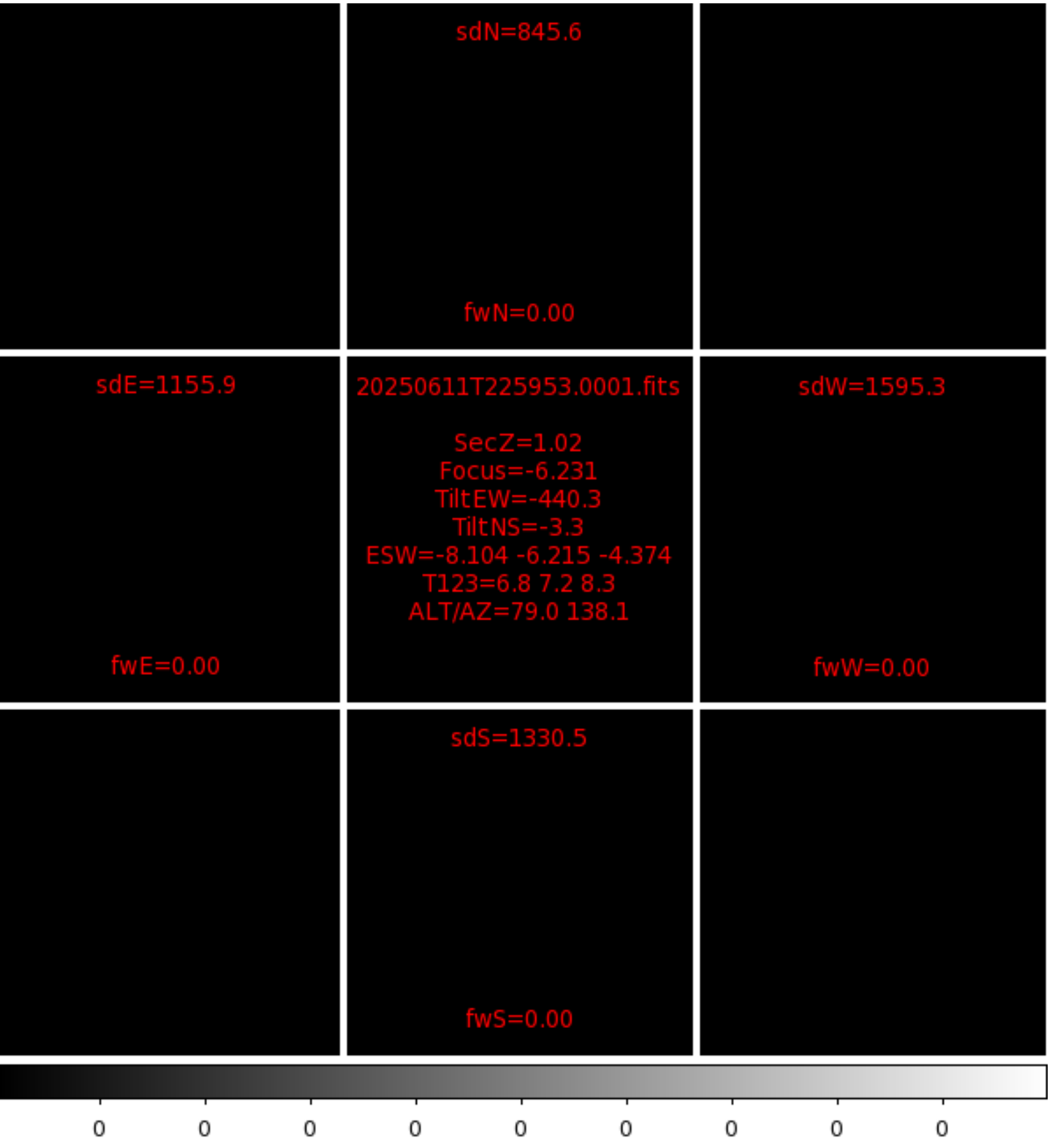
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fwN=0.00
sdE=1155.9
fwE=0.00
20250611T225953.0001.fits
SecZ=1.02
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.8 7.2 8.3
ALT/AZ=79.0 138.1
sdW=1595.3
fwW=0.00
sdS=1330.5
fwS=0.00
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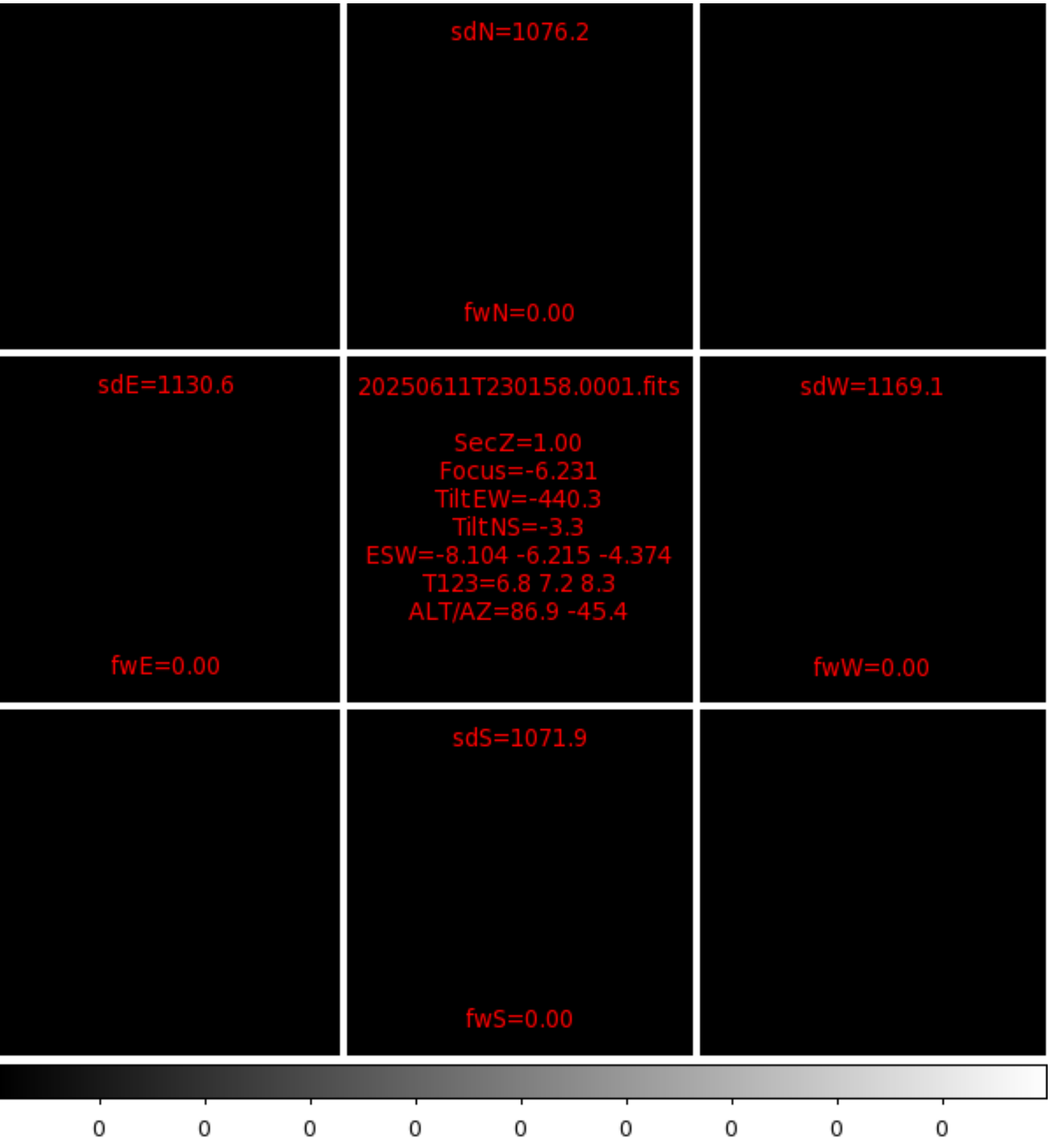
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sdE=1130.6
fwE=0.00
20250611T230158.0001.fits
SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.8 7.2 8.3
ALT/AZ=86.9 -45.4
sdW=1169.1
fwW=0.00
sdS=1071.9
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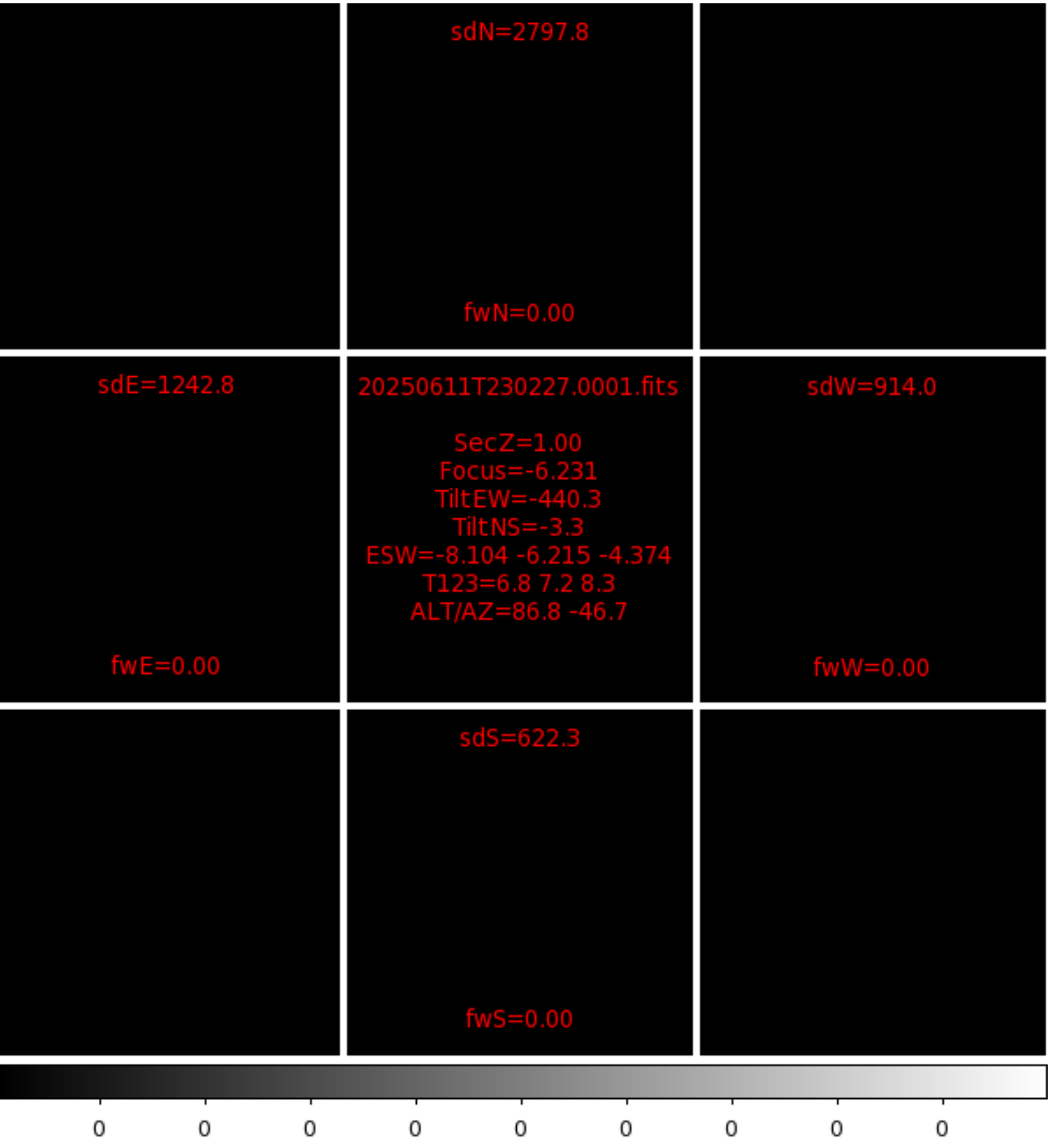
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sdE=1242.8
fwE=0.00
20250611T230227.0001.fits
SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.8 7.2 8.3
ALT/AZ=86.8 -46.7
sdW=914.0
fwW=0.00
sdS=622.3
fwS=0.00
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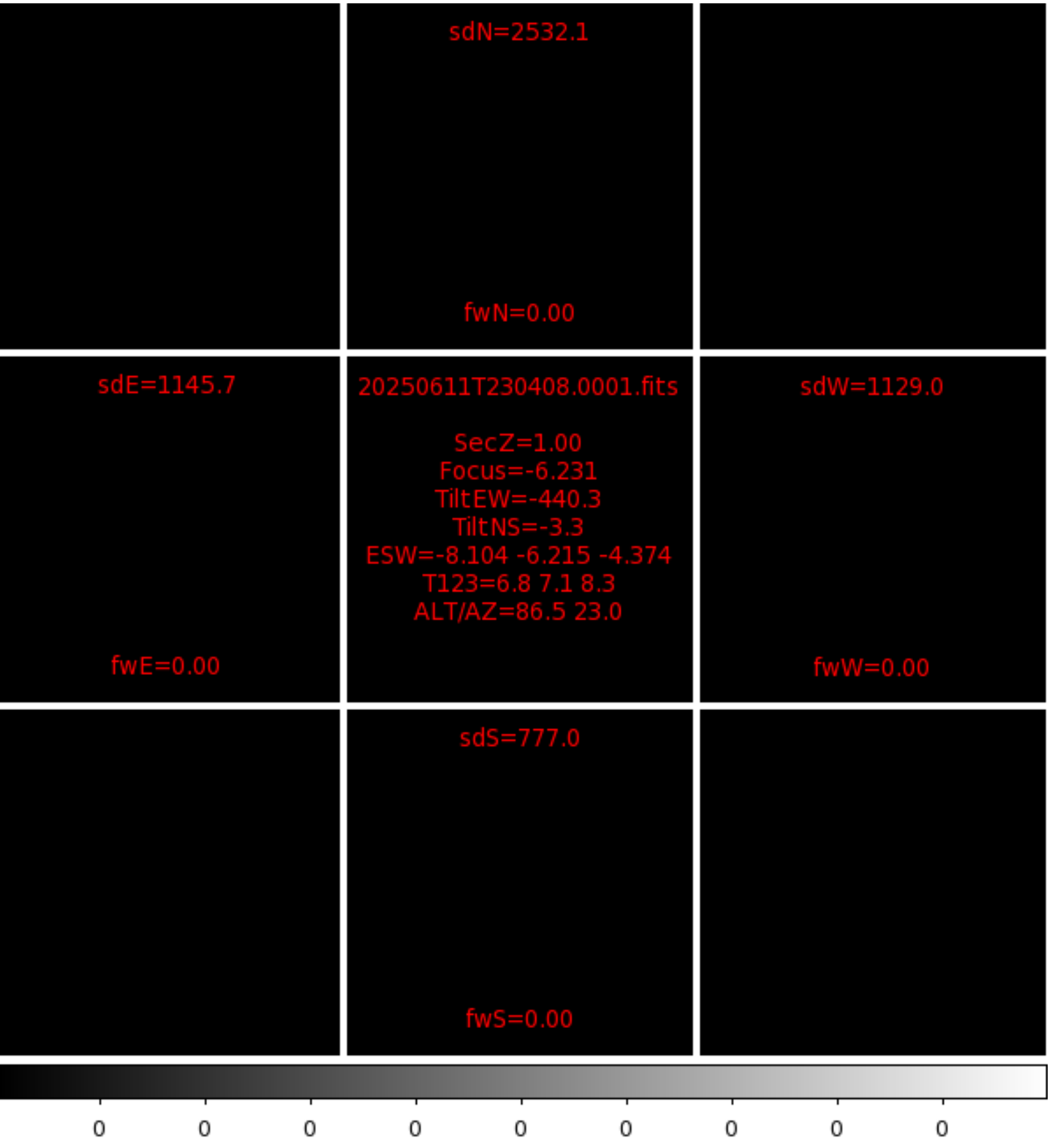
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fwN=0.00
sdE=1145.7
fwE=0.00
20250611T230408.0001.fits
SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.8 7.1 8.3
ALT/AZ=86.5 23.0
sdW=1129.0
fwW=0.00
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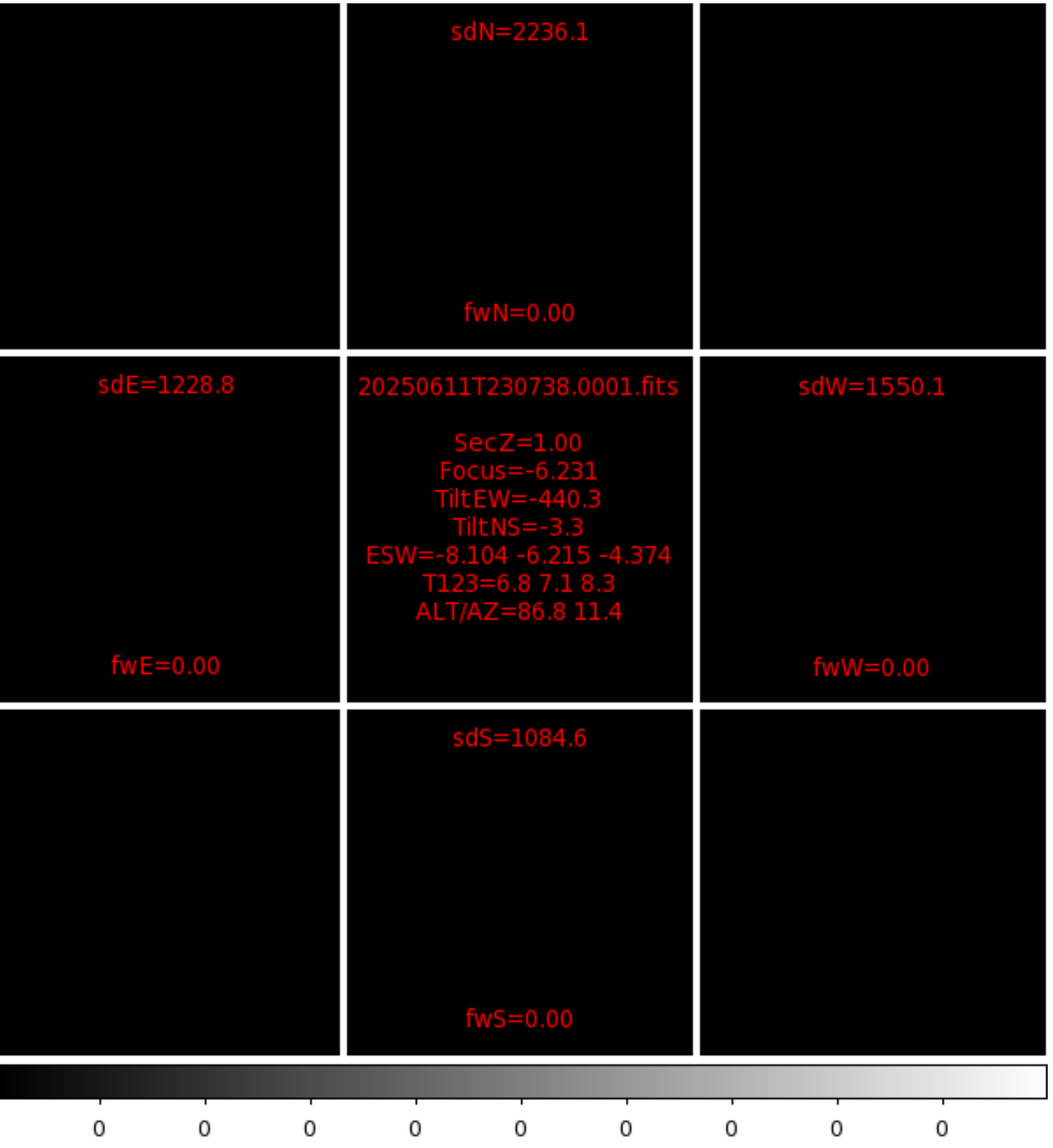
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sdE=1228.8
fwE=0.00
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SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.8 7.1 8.3
ALT/AZ=86.8 11.4
sdW=1550.1
fwW=0.00
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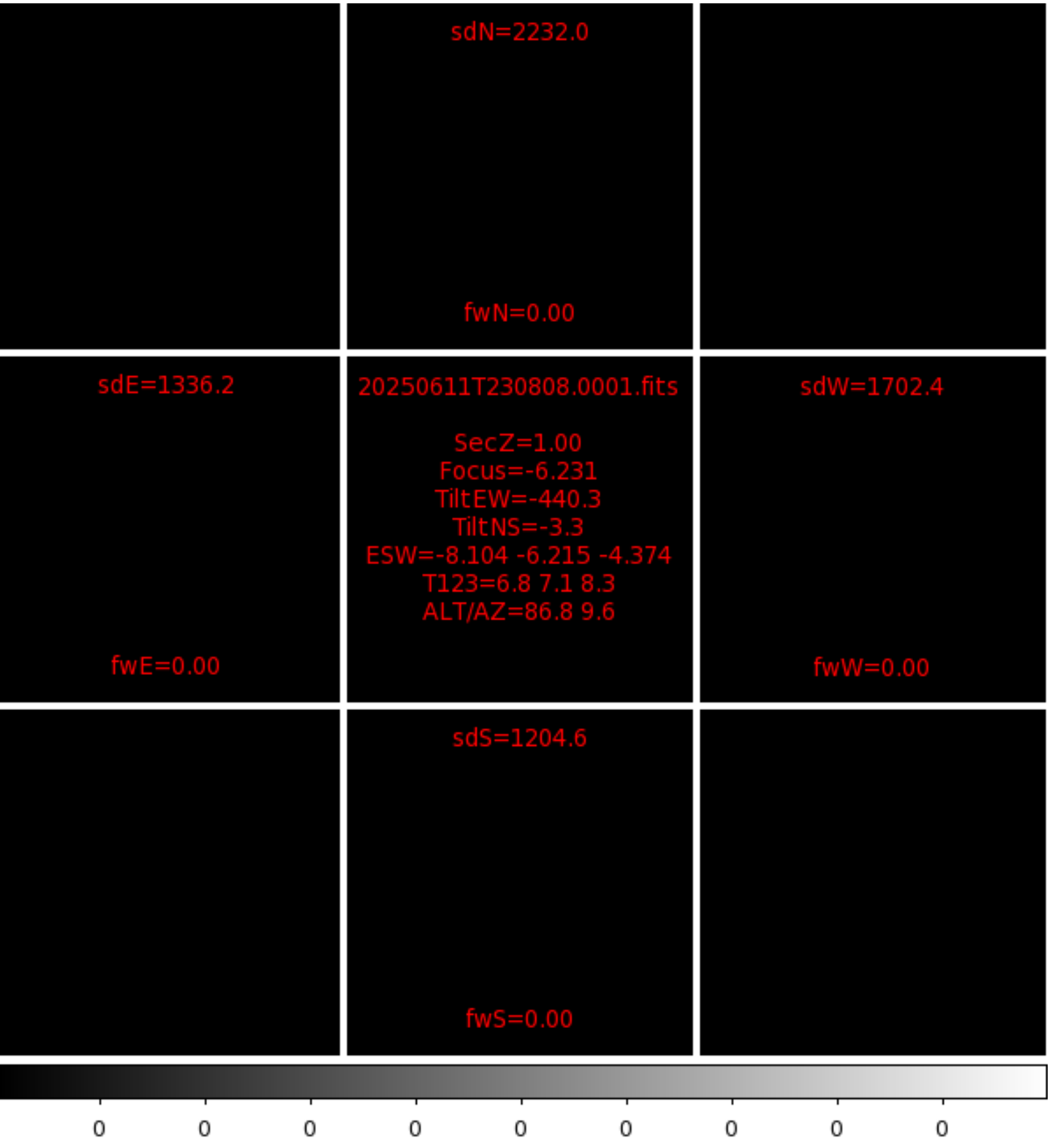
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sdE=1336.2
fwE=0.00
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SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.8 7.1 8.3
ALT/AZ=86.8 9.6
sdW=1702.4
fwW=0.00
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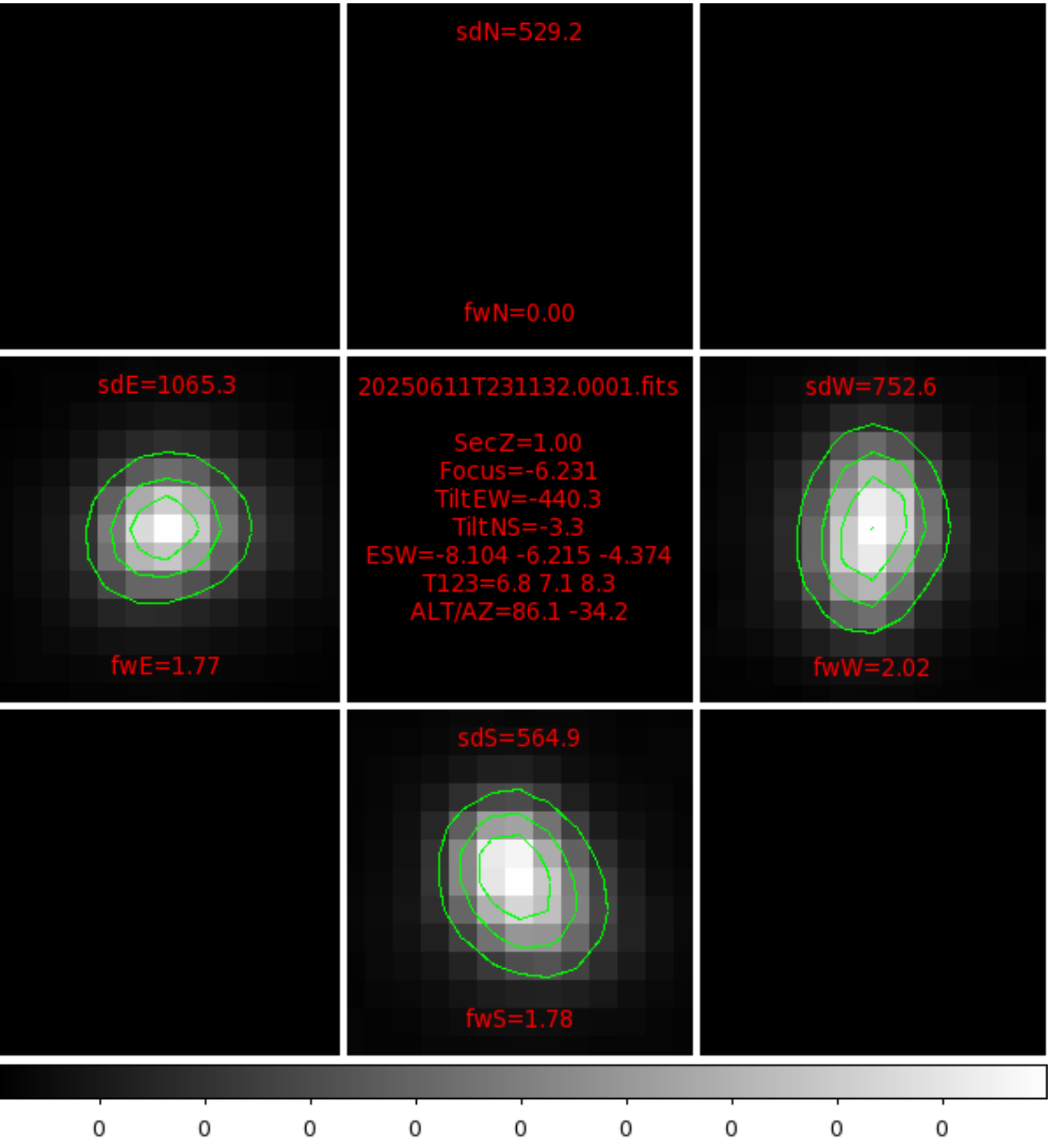
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fwE=1.77
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SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.8 7.1 8.3
ALT/AZ=86.1 -34.2
sdW=752.6
fwW=2.02
sdS=564.9
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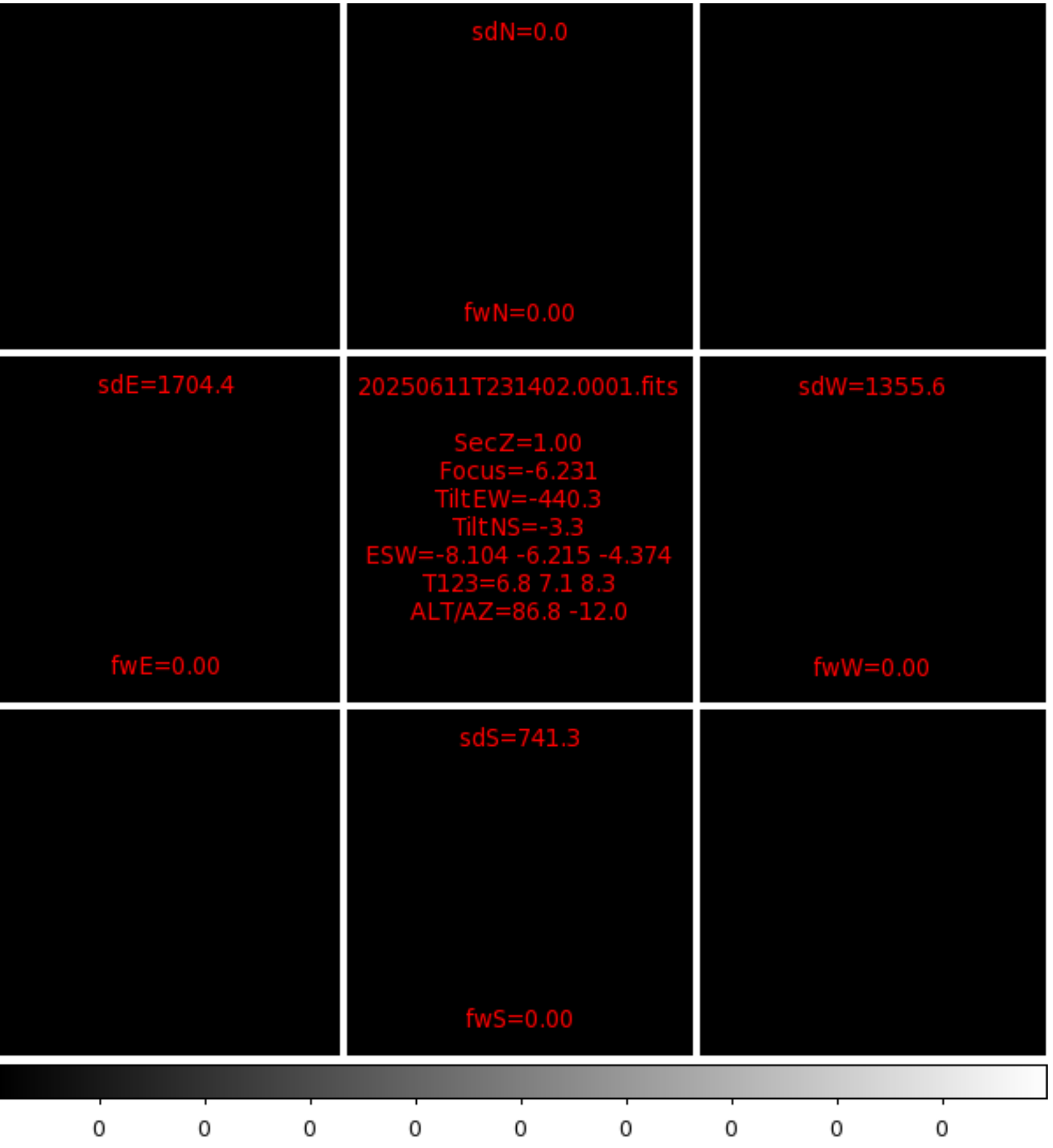
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fwE=0.00
20250611T231402.0001.fits
SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.8 7.1 8.3
ALT/AZ=86.8 -12.0
sdW=1355.6
fwW=0.00
sdS=741.3
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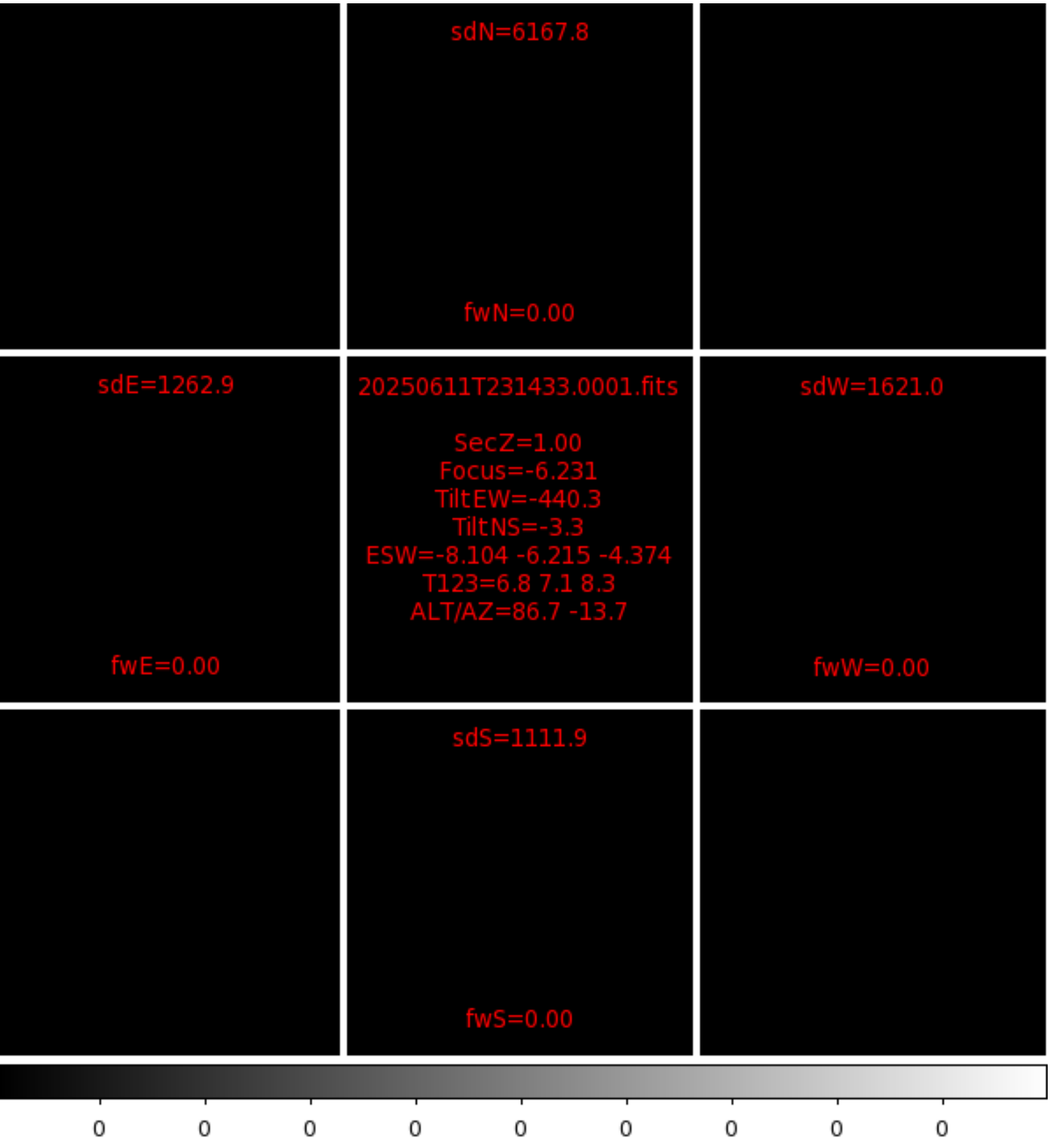
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20250611T231433.0001.fits
SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.8 7.1 8.3
ALT/AZ=86.7 -13.7
sdW=1621.0
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sdS=1111.9
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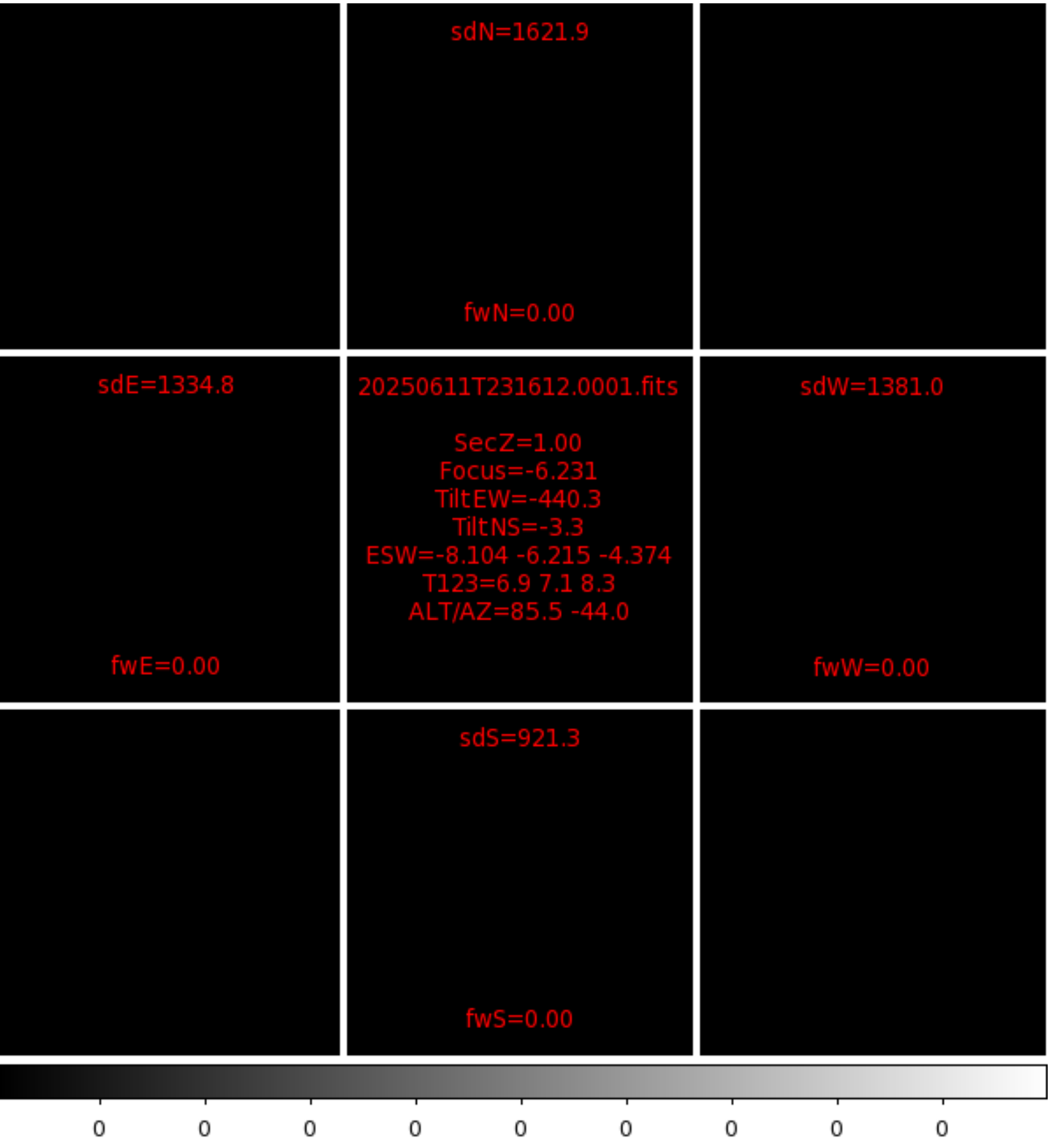
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sdE=1334.8
fwE=0.00
20250611T231612.0001.fits
SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=85.5 -44.0
sdW=1381.0
fwW=0.00
sdS=921.3
fwS=0.00
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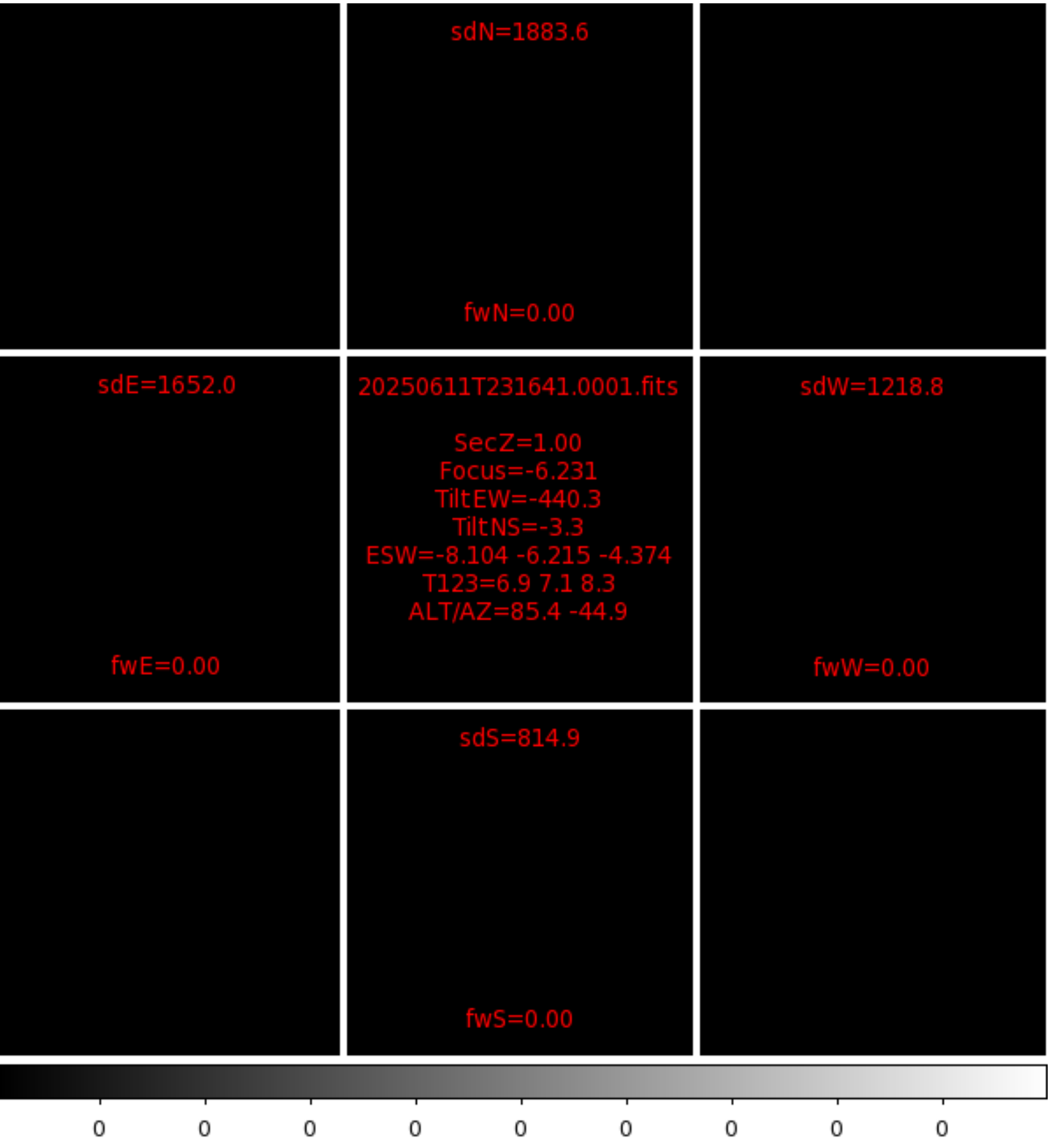
sdN=1883.6
fwN=0.00
sdE=1652.0
fwE=0.00
20250611T231641.0001.fits
SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=85.4 -44.9
sdW=1218.8
fwW=0.00
sdS=814.9
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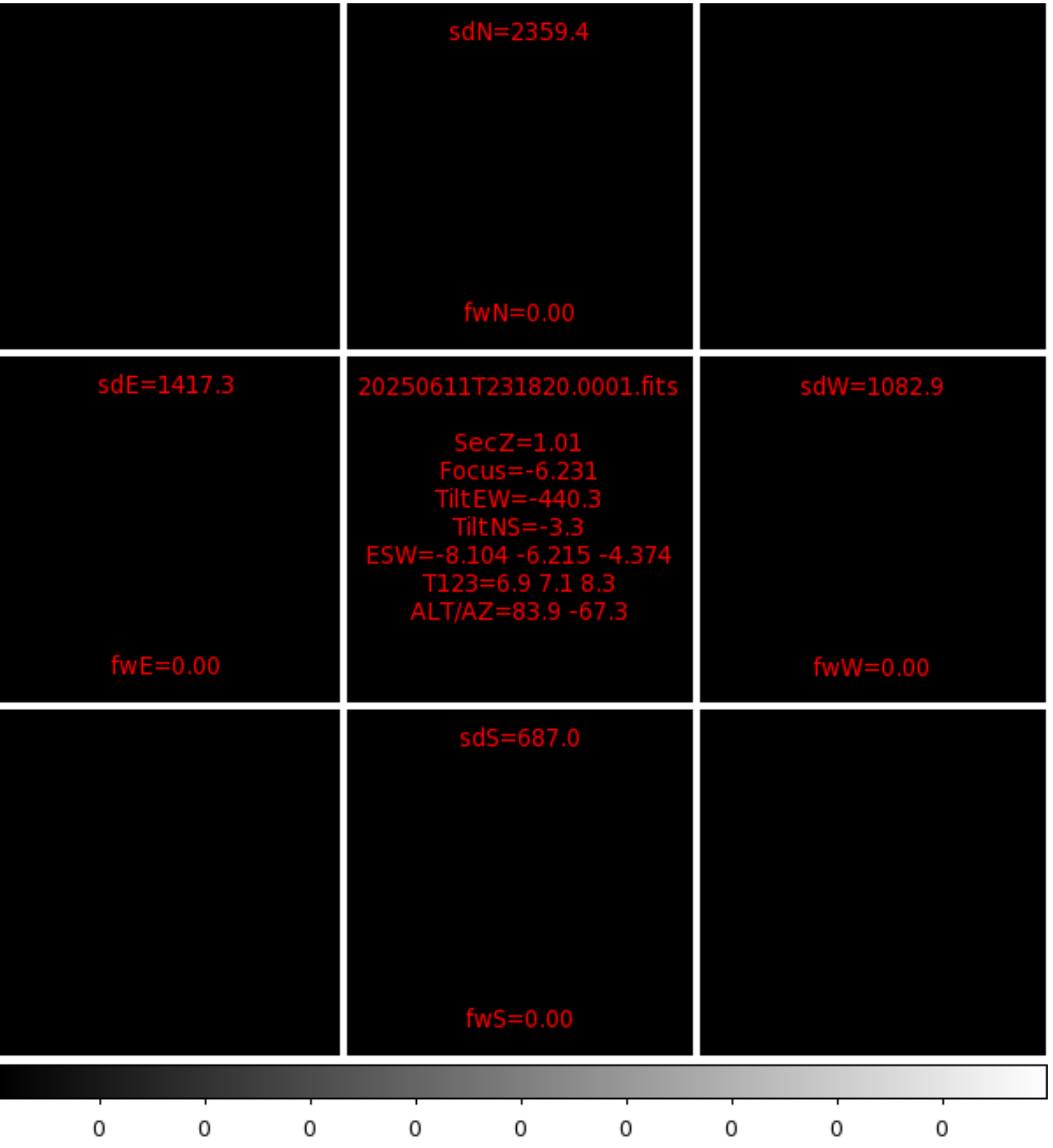
sdN=2359.4
fwN=0.00
sdE=1417.3
fwE=0.00
20250611T231820.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=83.9 -67.3
sdW=1082.9
fwW=0.00
sdS=687.0
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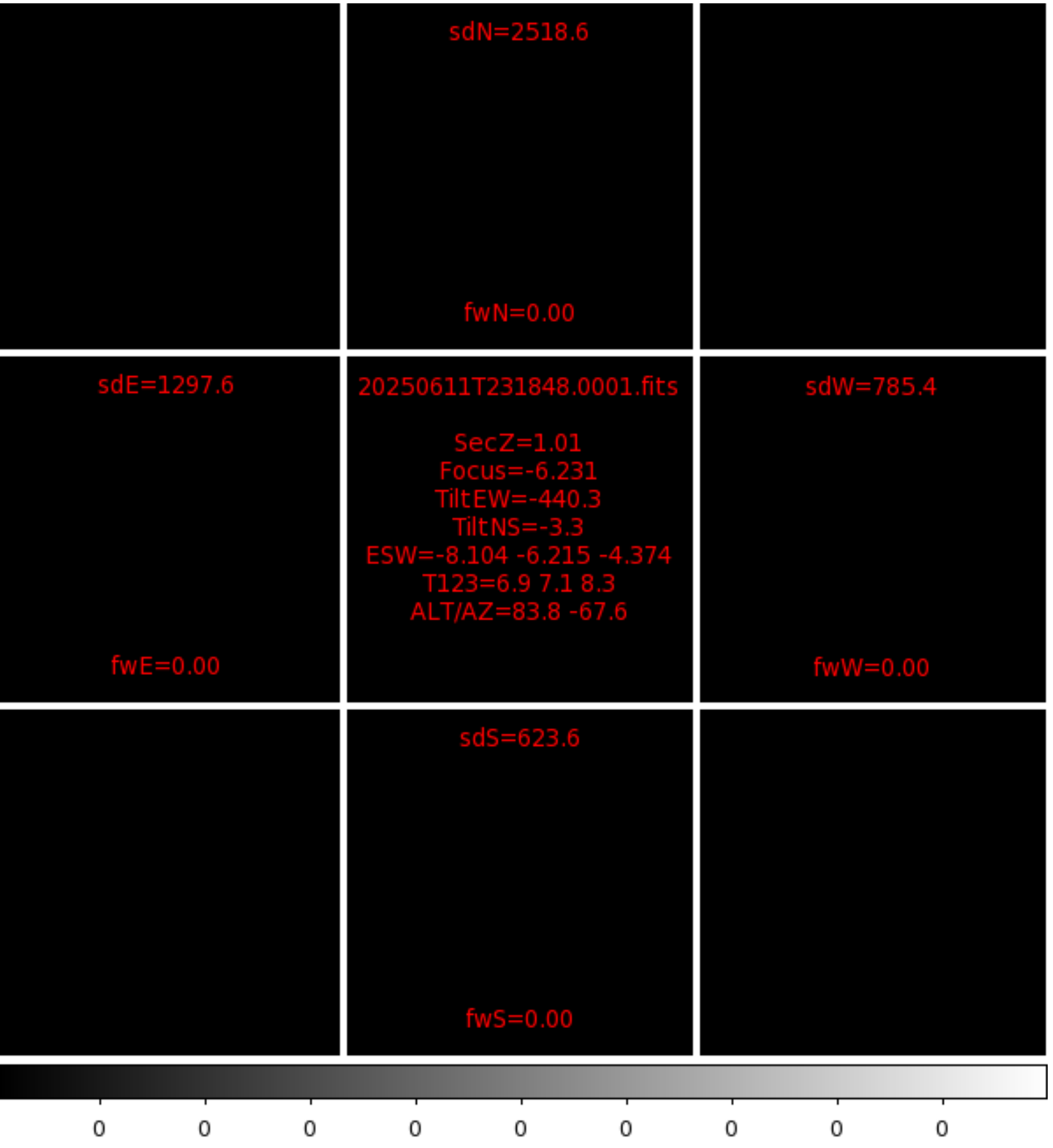
sdN=2518.6
fwN=0.00
sdE=1297.6
fwE=0.00
20250611T231848.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=83.8 -67.6
sdW=785.4
fwW=0.00
sdS=623.6
fwS=0.00
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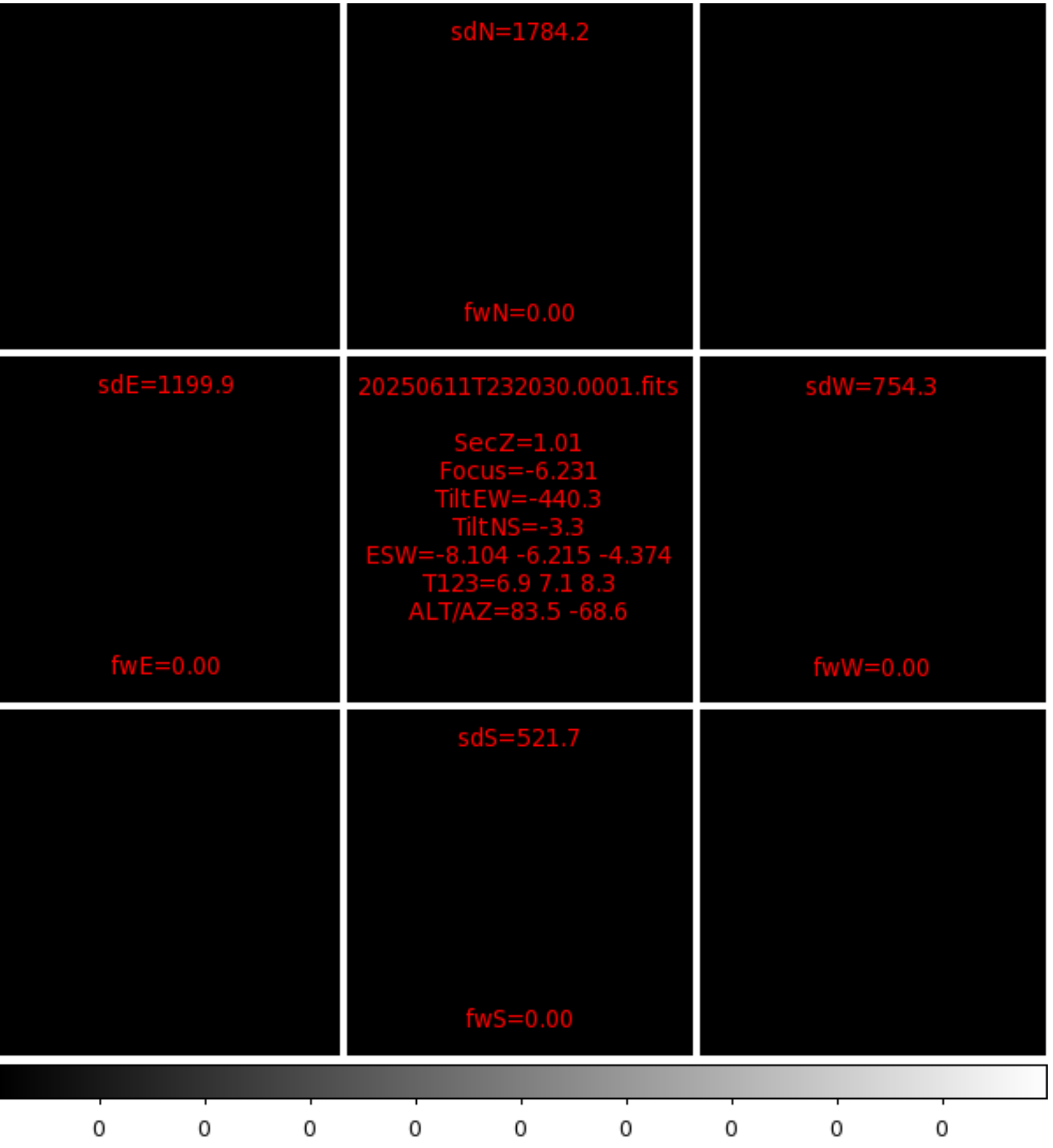
sdN=1784.2
fwN=0.00
sdE=1199.9
fwE=0.00
20250611T232030.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=83.5 -68.6
sdW=754.3
fwW=0.00
sdS=521.7
fwS=0.00
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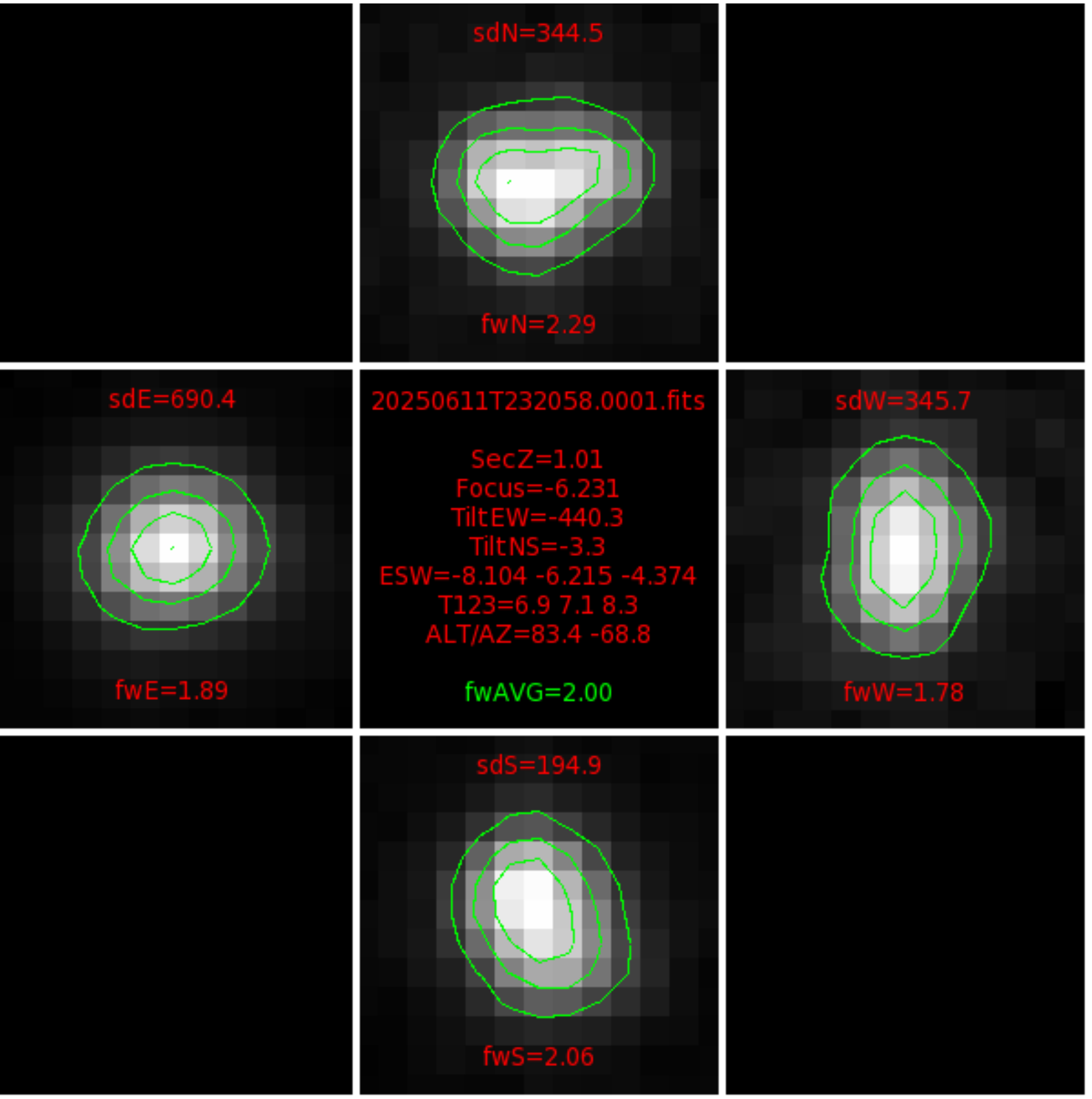
sdN=344.5
fwN=2.29
sdE=690.4
fwE=1.89
20250611T232058.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=83.4 -68.8
fwAVG=2.00
sdW=345.7
fwW=1.78
sdS=194.9
fwS=2.06
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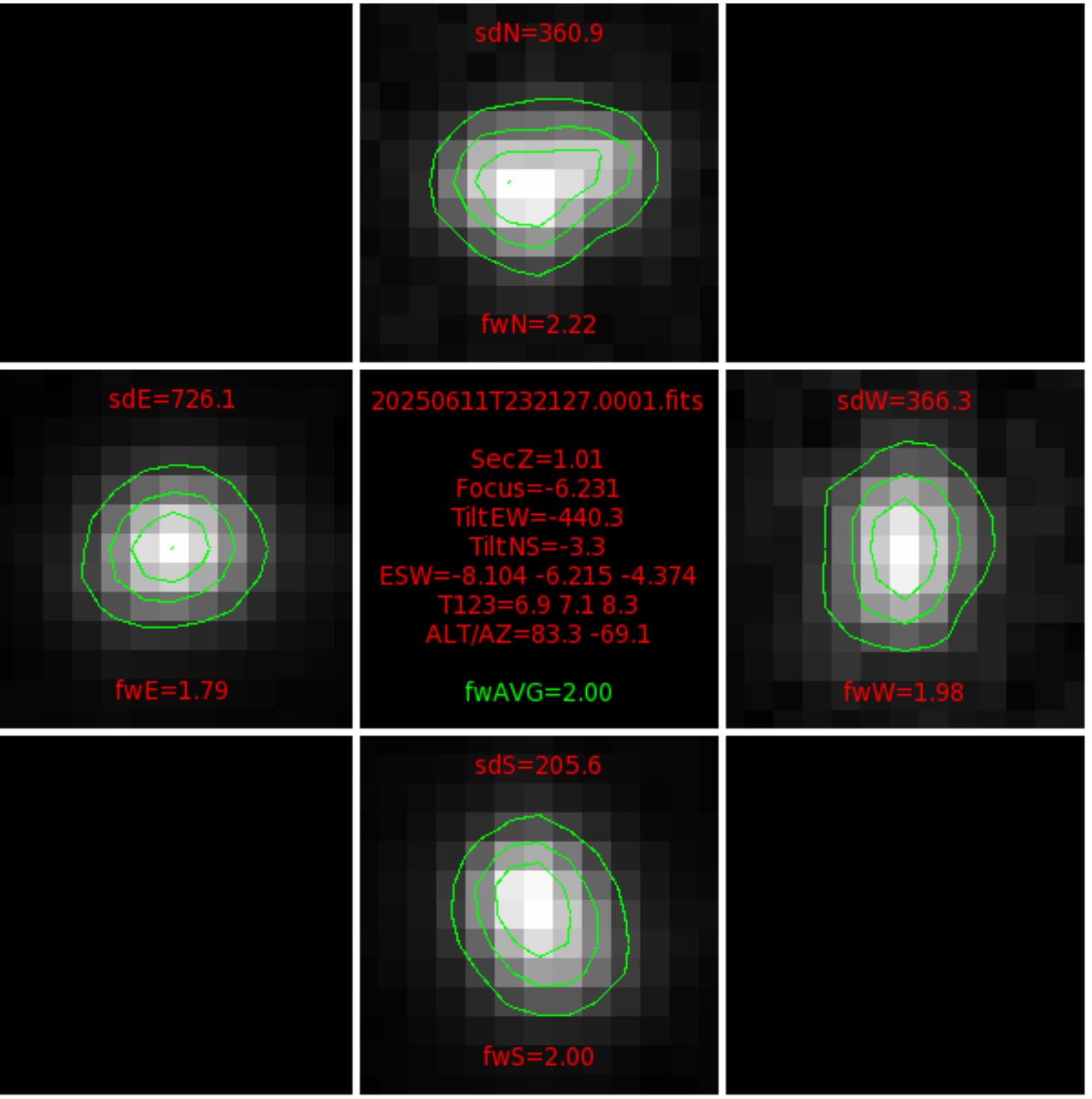
sdN=360.9
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sdE=726.1
fwE=1.79
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SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=83.3 -69.1
fwAVG=2.00
sdW=366.3
fwW=1.98
sdS=205.6
fwS=2.00
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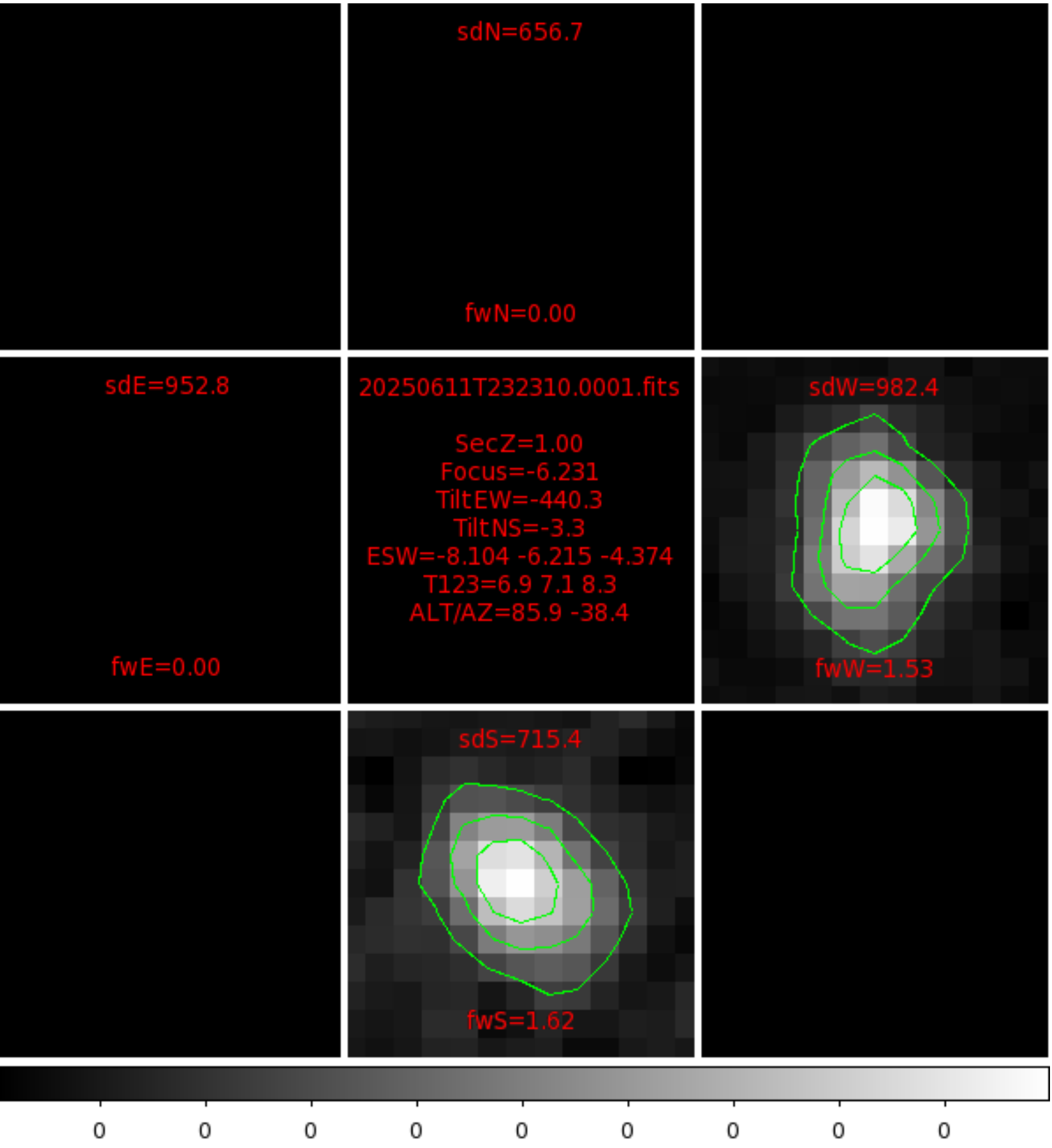
sdN=656.7
fwN=0.00
sdE=952.8
20250611T232310.0001.fits
SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=85.9 -38.4
sdW=982.4
fwE=0.00
fwW=1.53
sdS=715.4
fwS=1.62
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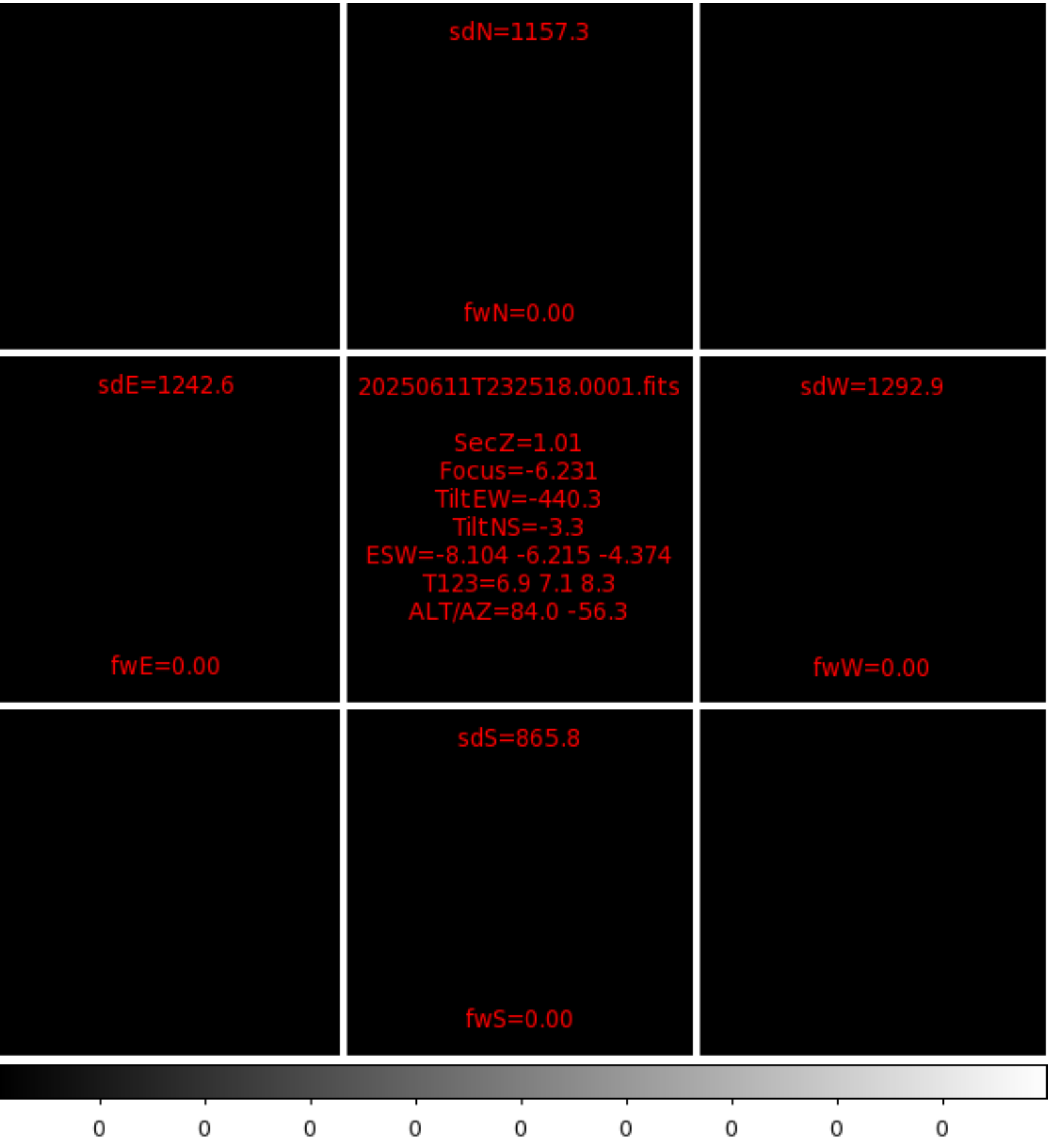
sdN=1157.3
fwN=0.00
sdE=1242.6
fwE=0.00
20250611T232518.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=84.0 -56.3
sdW=1292.9
fwW=0.00
sdS=865.8
fwS=0.00
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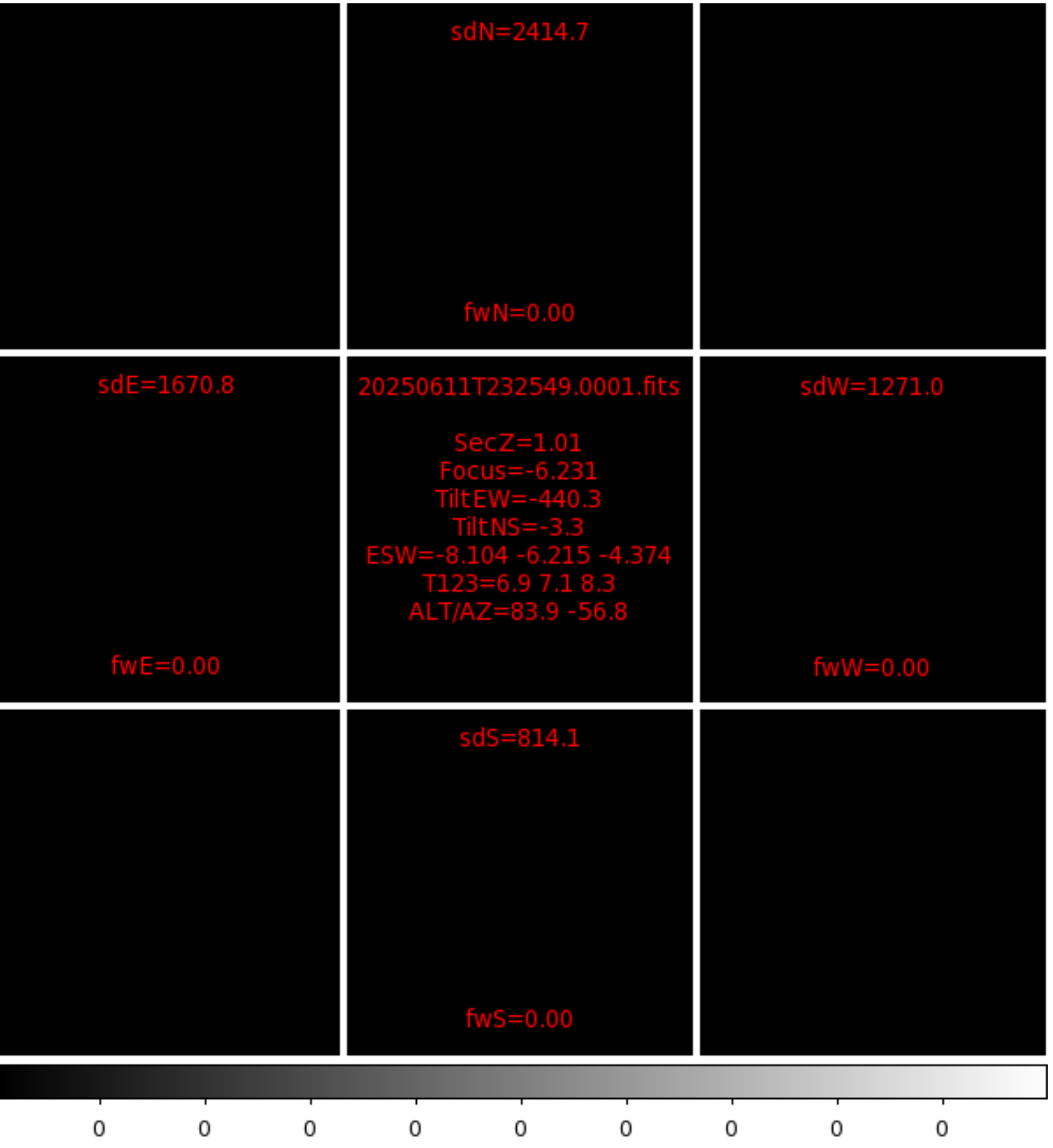
sdN=2414.7
fwN=0.00
sdE=1670.8
fwE=0.00
20250611T232549.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=83.9 -56.8
sdW=1271.0
fwW=0.00
sdS=814.1
fwS=0.00
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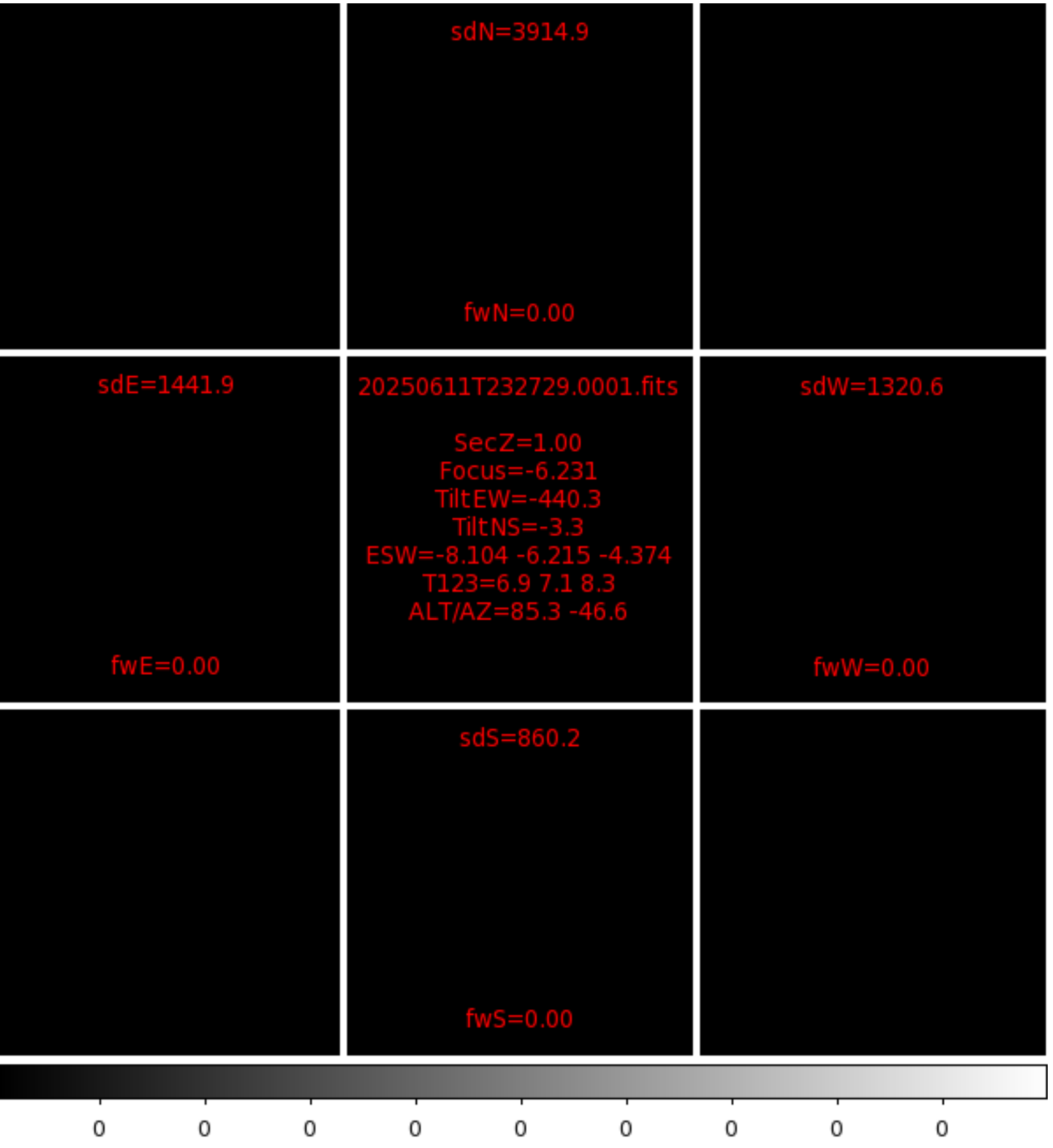
sdN=3914.9
fwN=0.00
sdE=1441.9
fwE=0.00
20250611T232729.0001.fits
SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=85.3 -46.6
sdW=1320.6
fwW=0.00
sdS=860.2
fwS=0.00
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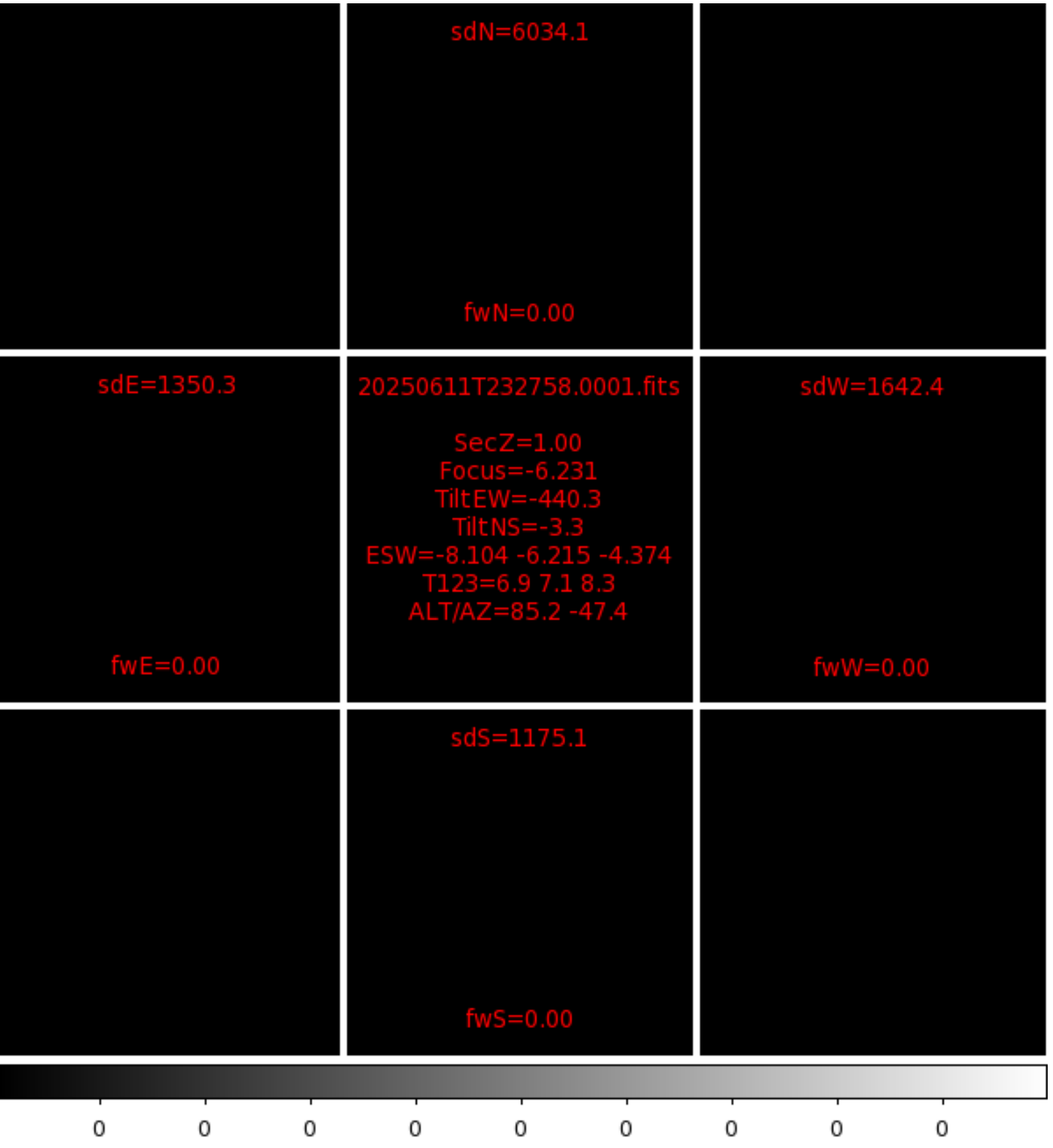
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fwN=0.00
sdE=1350.3
fwE=0.00
20250611T232758.0001.fits
SecZ=1.00
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=85.2 -47.4
sdW=1642.4
fwW=0.00
sdS=1175.1
fwS=0.00
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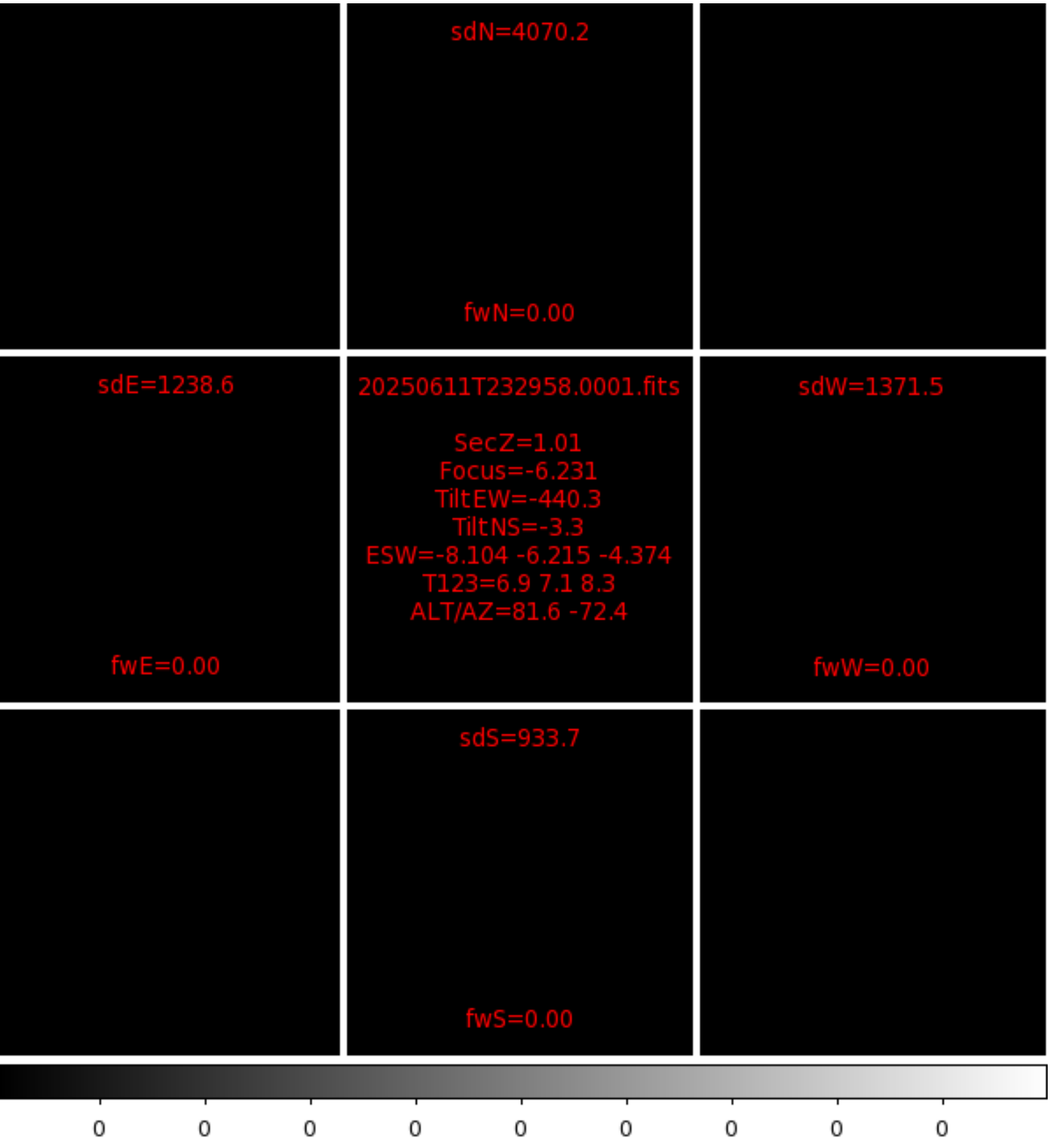
sdN=4070.2
fwN=0.00
sdE=1238.6
fwE=0.00
20250611T232958.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=81.6 -72.4
sdW=1371.5
fwW=0.00
sdS=933.7
fwS=0.00
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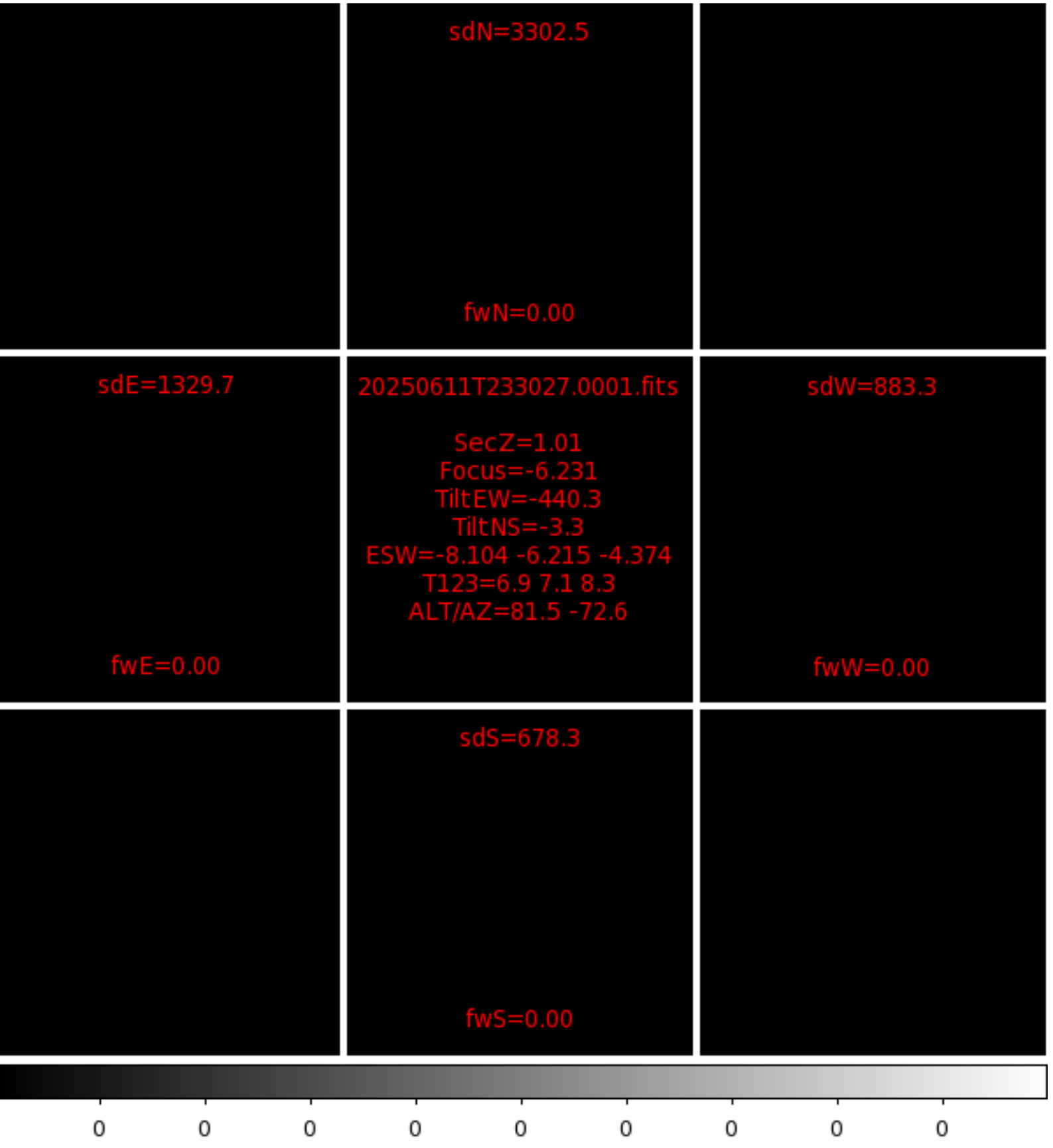
sdN=3302.5
fwN=0.00
sdE=1329.7
fwE=0.00
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SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=81.5 -72.6
sdW=883.3
fwW=0.00
sdS=678.3
fwS=0.00
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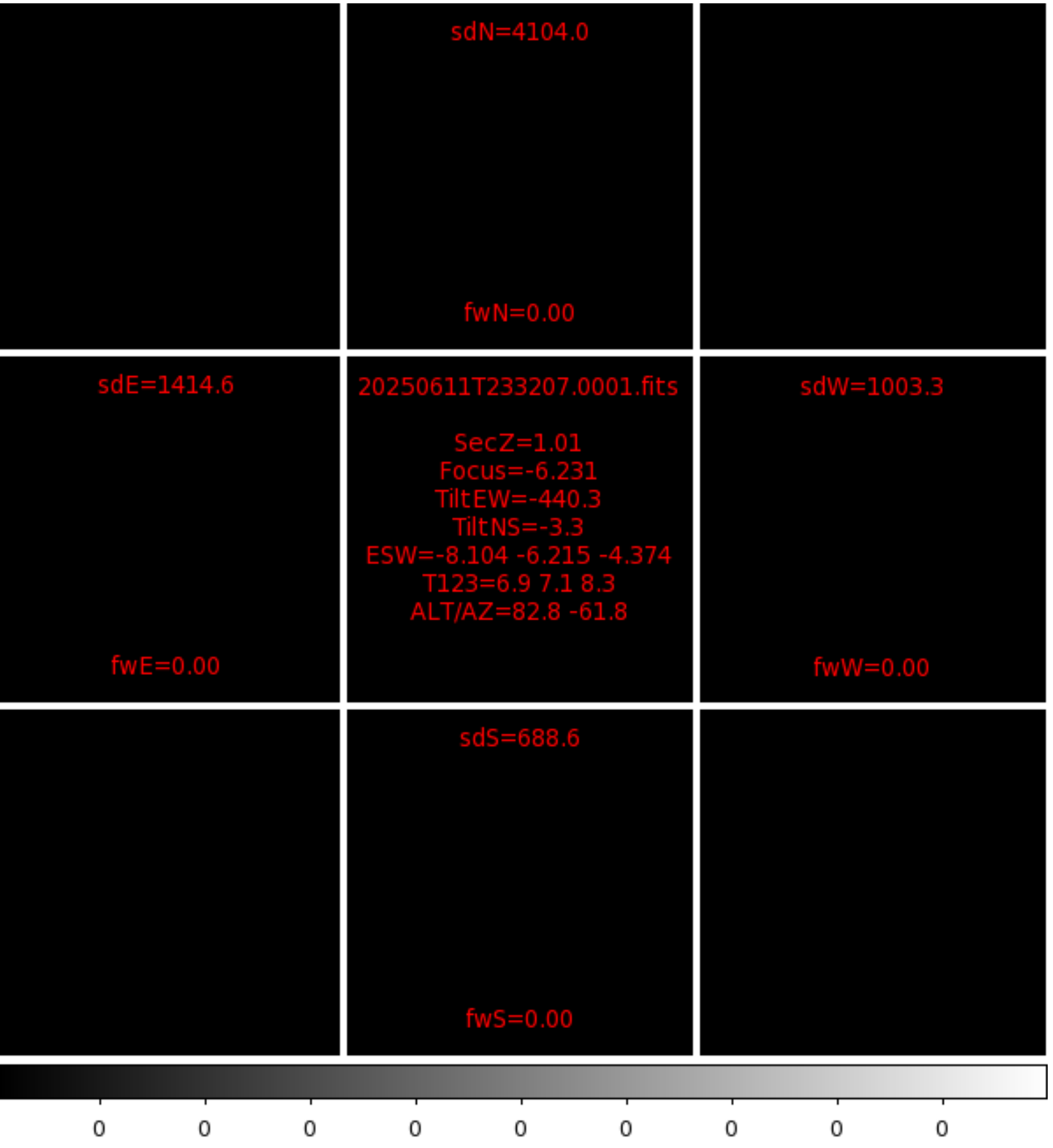
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fwN=0.00
sdE=1414.6
fwE=0.00
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SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=82.8 -61.8
sdW=1003.3
fwW=0.00
sdS=688.6
fwS=0.00
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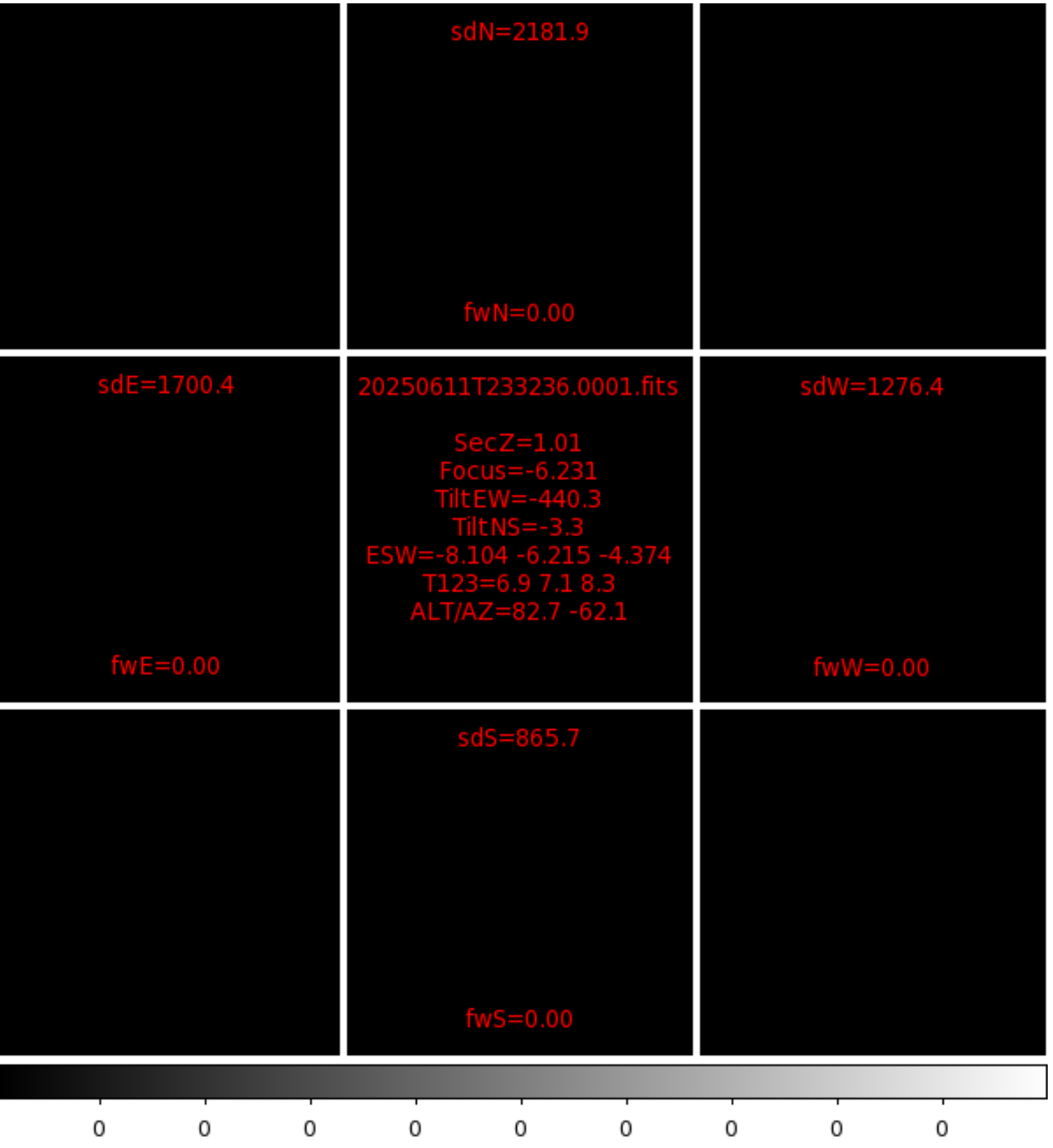
sdN=2181.9
fwN=0.00
sdE=1700.4
fwE=0.00
20250611T233236.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=82.7 -62.1
sdW=1276.4
fwW=0.00
sdS=865.7
fwS=0.00
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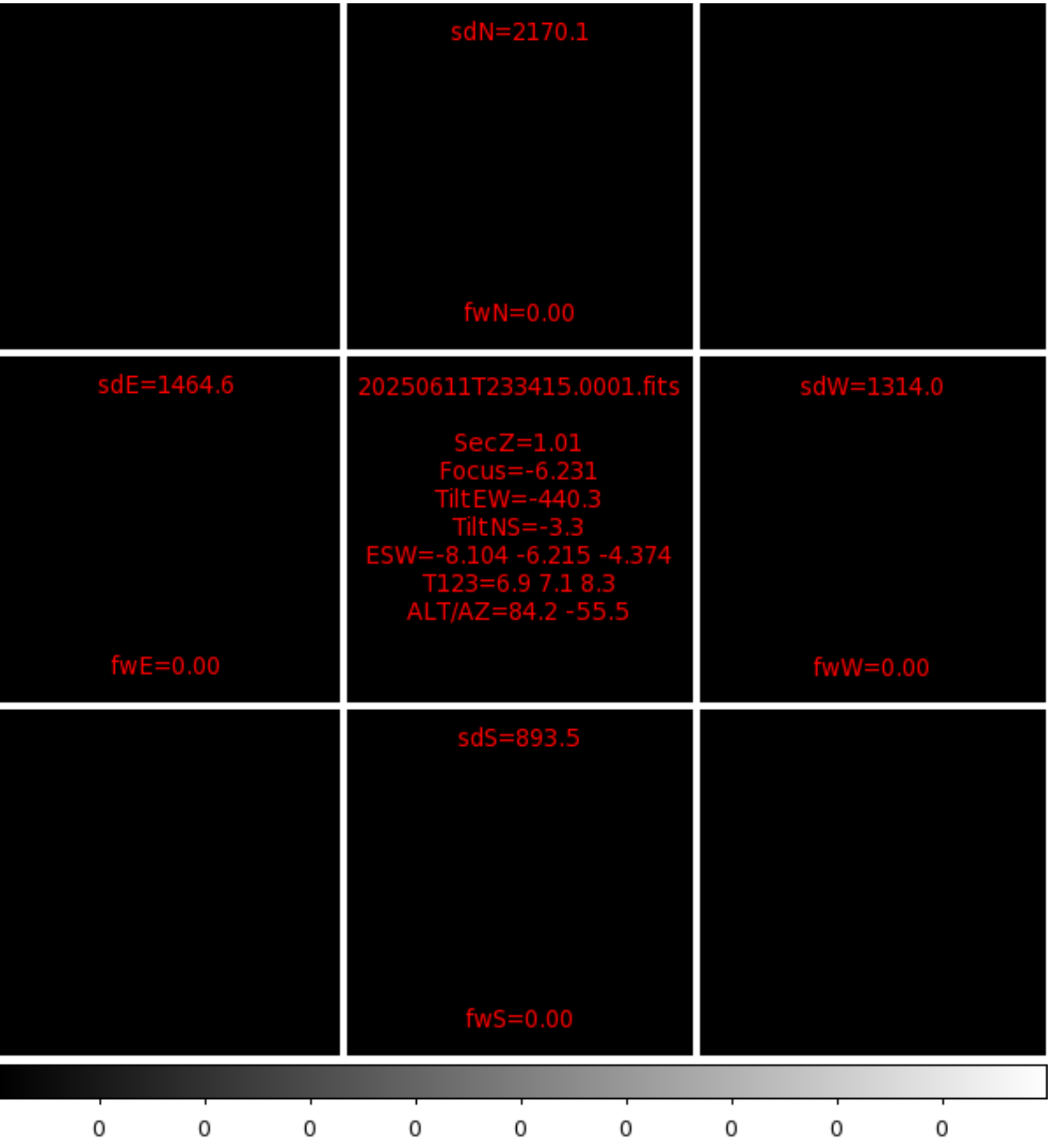
sdN=2170.1
fwN=0.00
sdE=1464.6
fwE=0.00
20250611T233415.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=84.2 -55.5
sdW=1314.0
fwW=0.00
sdS=893.5
fwS=0.00
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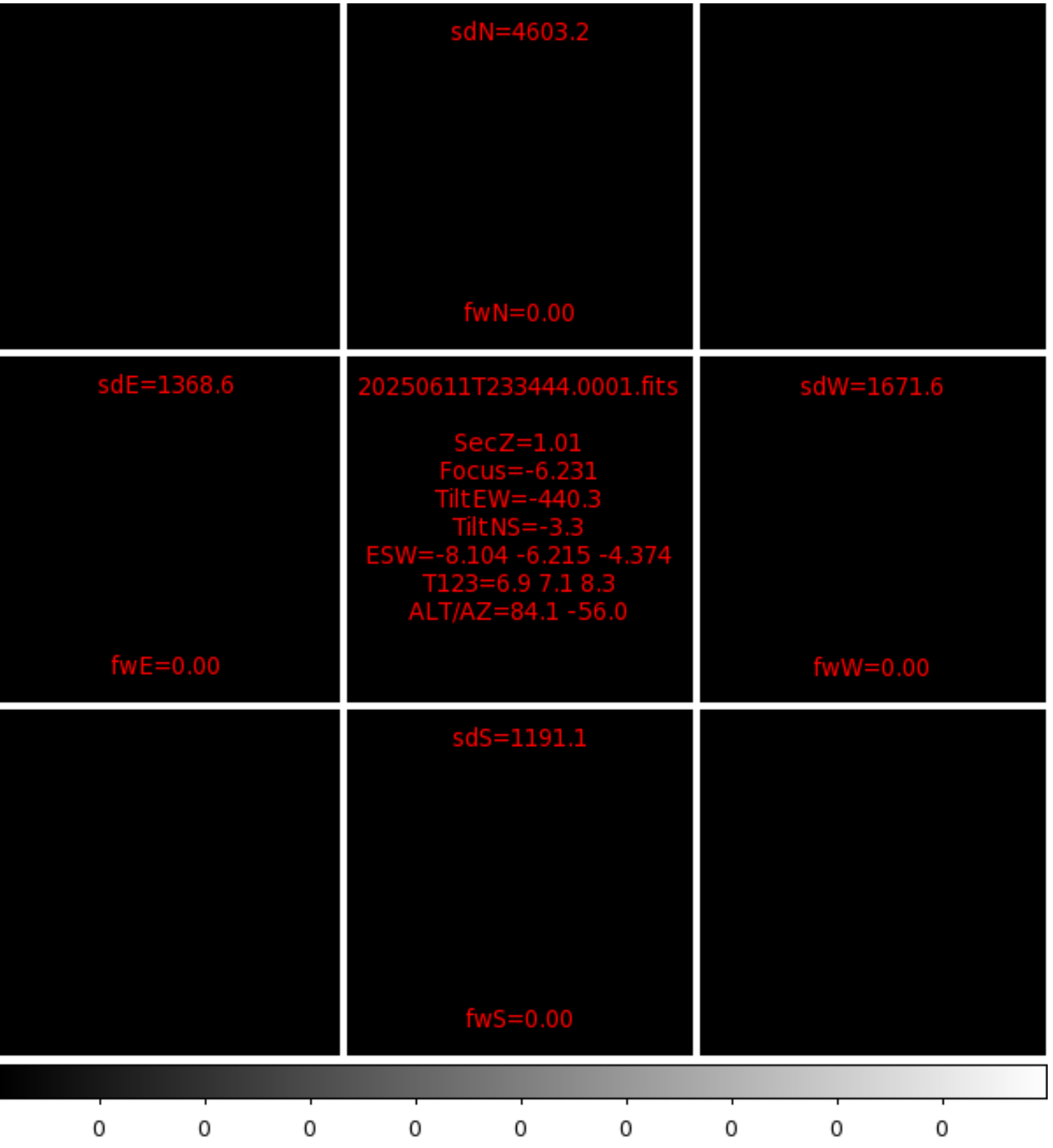
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fwN=0.00
sdE=1368.6
fwE=0.00
20250611T233444.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=84.1 -56.0
sdW=1671.6
fwW=0.00
sdS=1191.1
fwS=0.00
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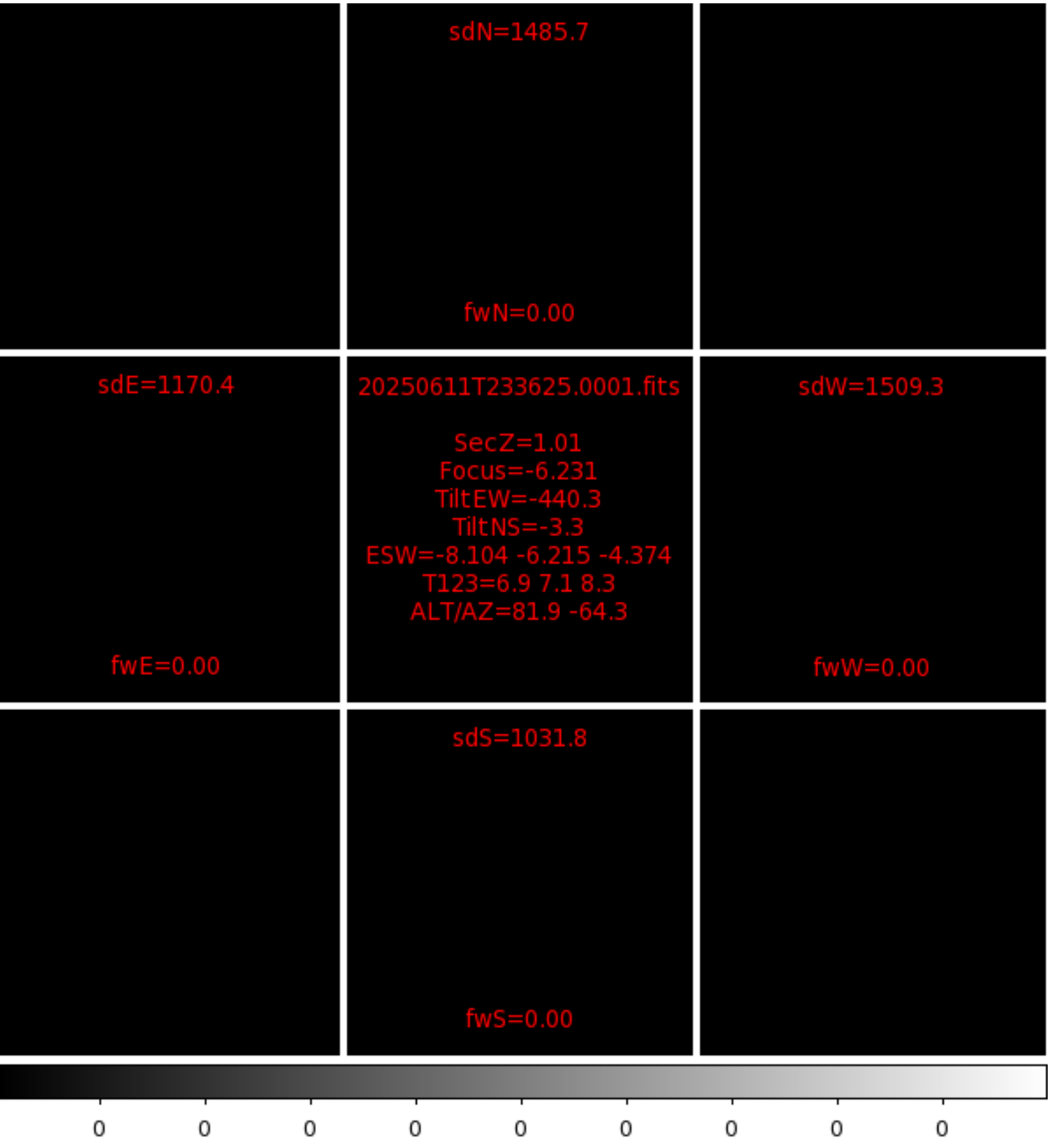
sdN=1485.7
fwN=0.00
sdE=1170.4
fwE=0.00
20250611T233625.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=81.9 -64.3
sdW=1509.3
fwW=0.00
sdS=1031.8
fwS=0.00
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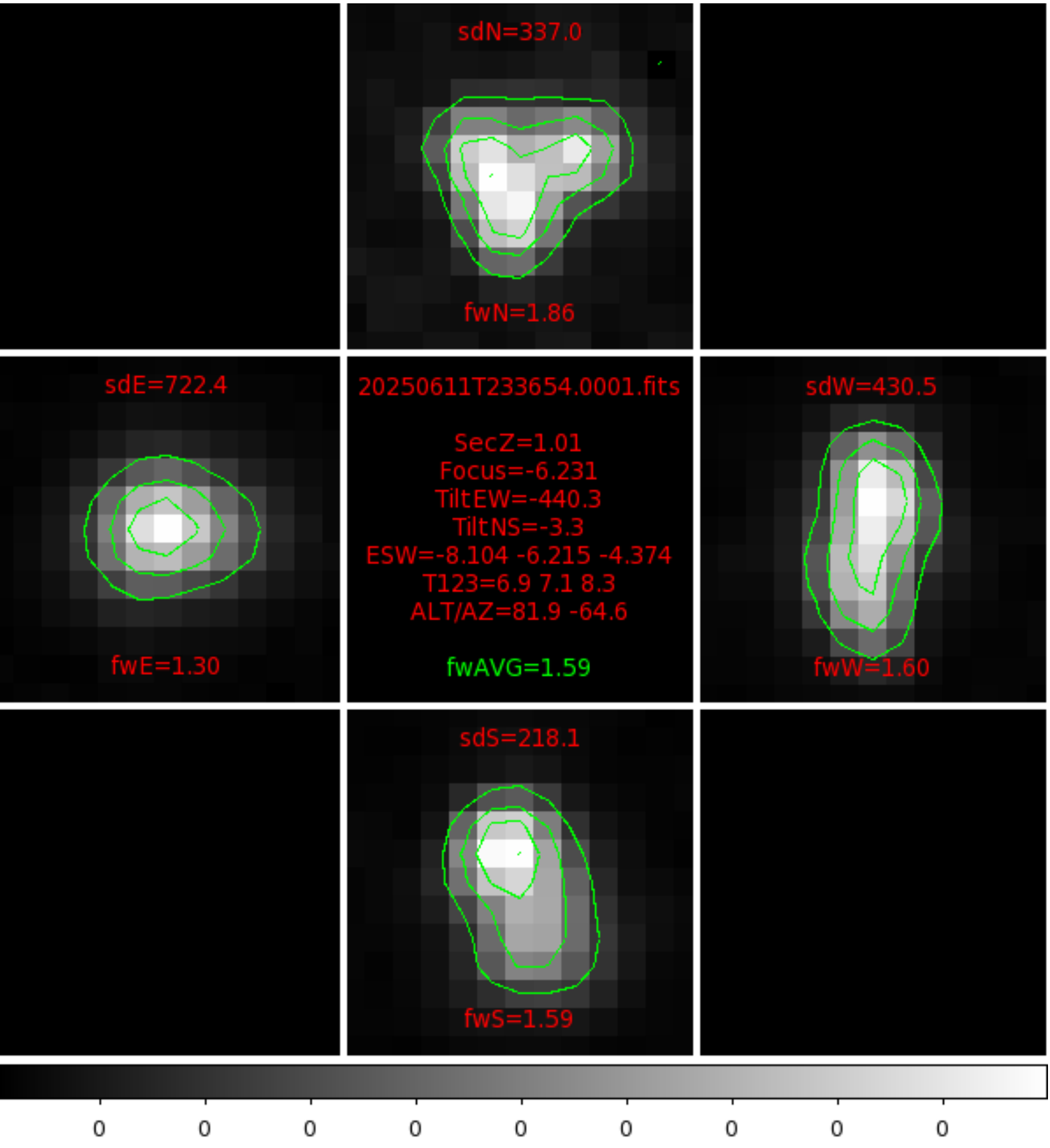
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sdE=722.4
fwE=1.30
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SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=81.9 -64.6
fwAVG=1.59
sdW=430.5
fwW=1.60
sdS=218.1
fwS=1.59
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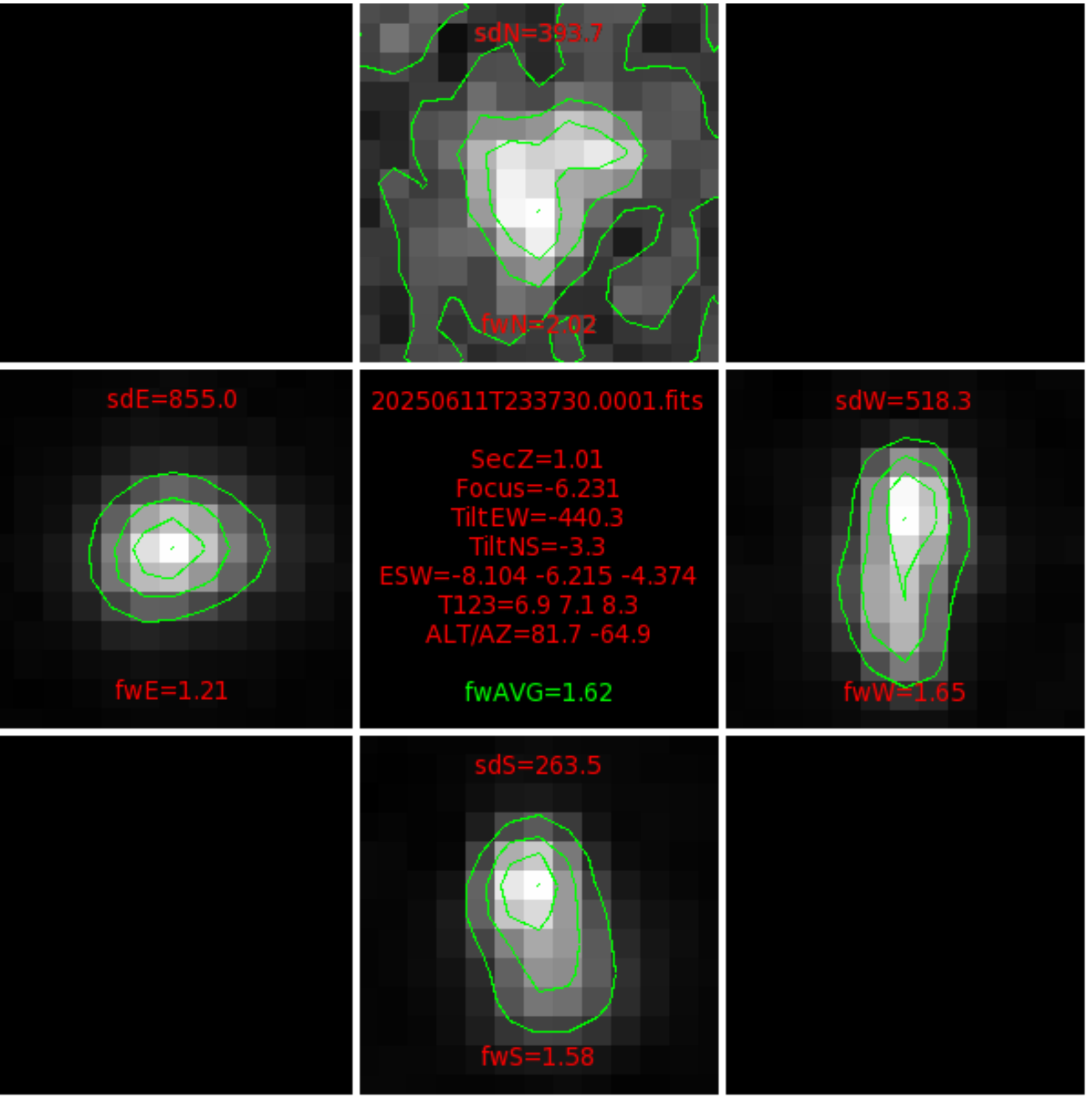
sdN=393.7
fwN=2.02
sdE=855.0
20250611T233730.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=81.7 -64.9
fwAVG=1.62
sdW=518.3
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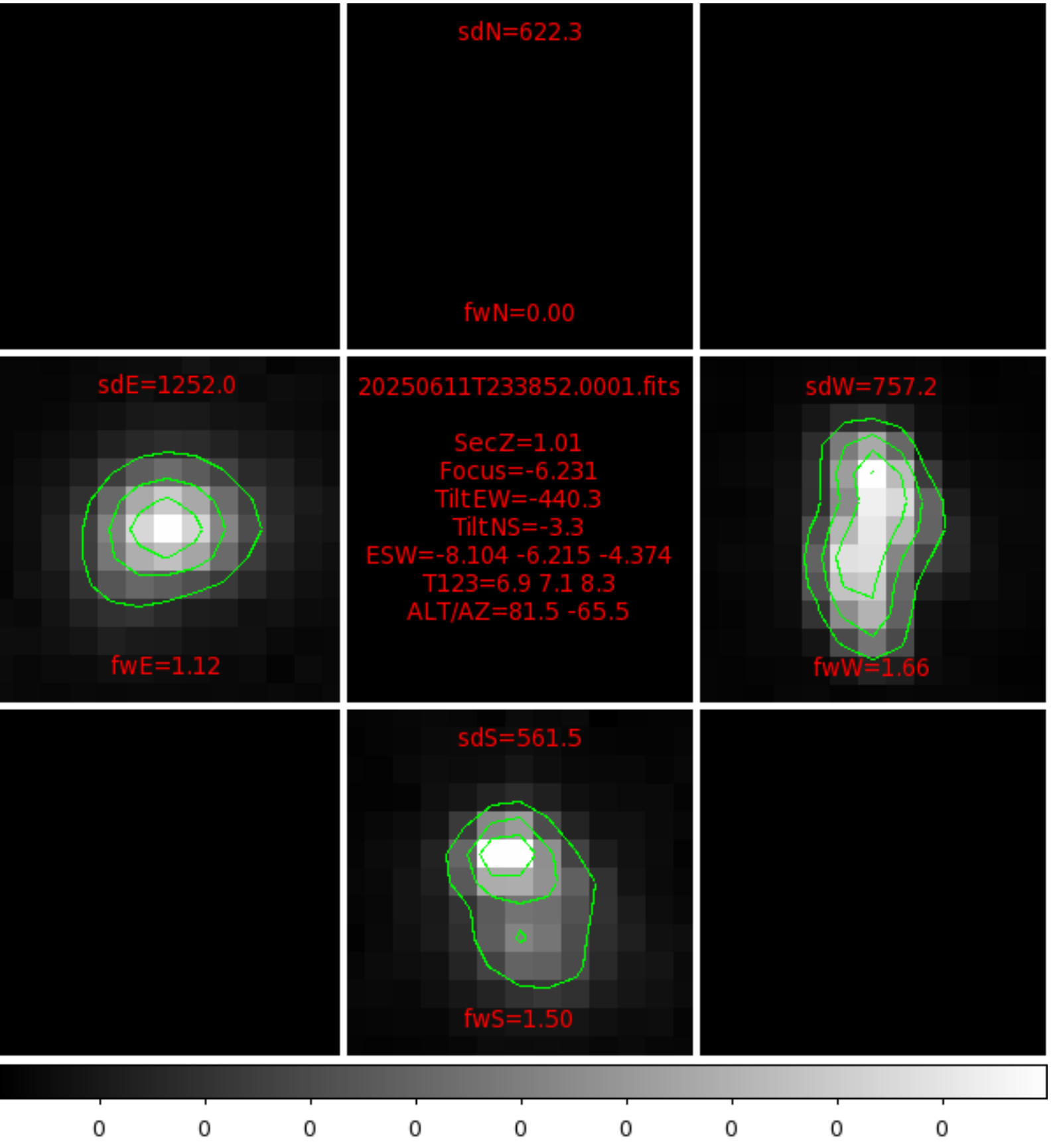
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sdE=1252.0
fwE=1.12
20250611T233852.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=81.5 -65.5
sdW=757.2
fwW=1.66
sdS=561.5
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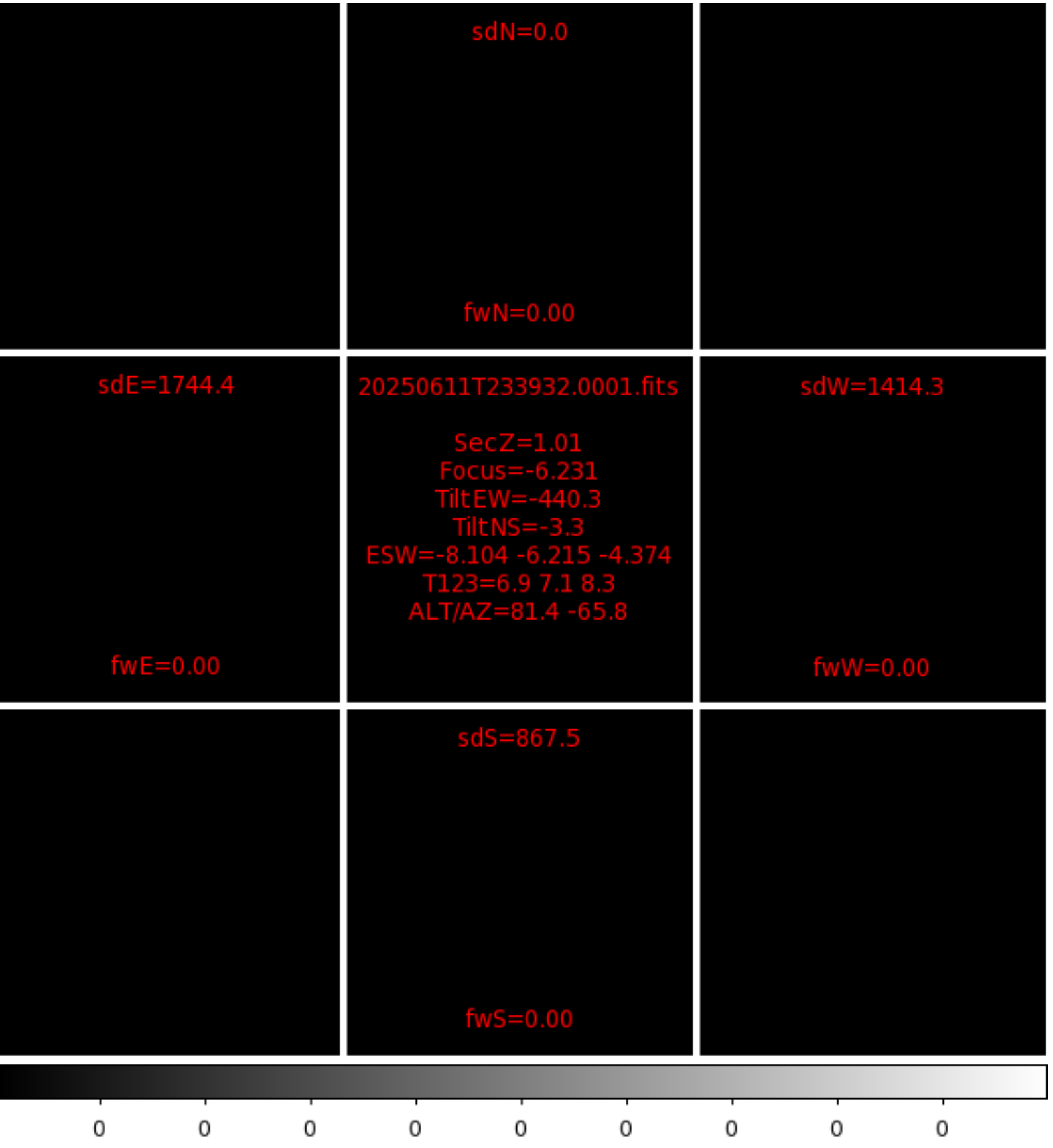
sdN=0.0
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sdE=1744.4
fwE=0.00
20250611T233932.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=81.4 -65.8
sdW=1414.3
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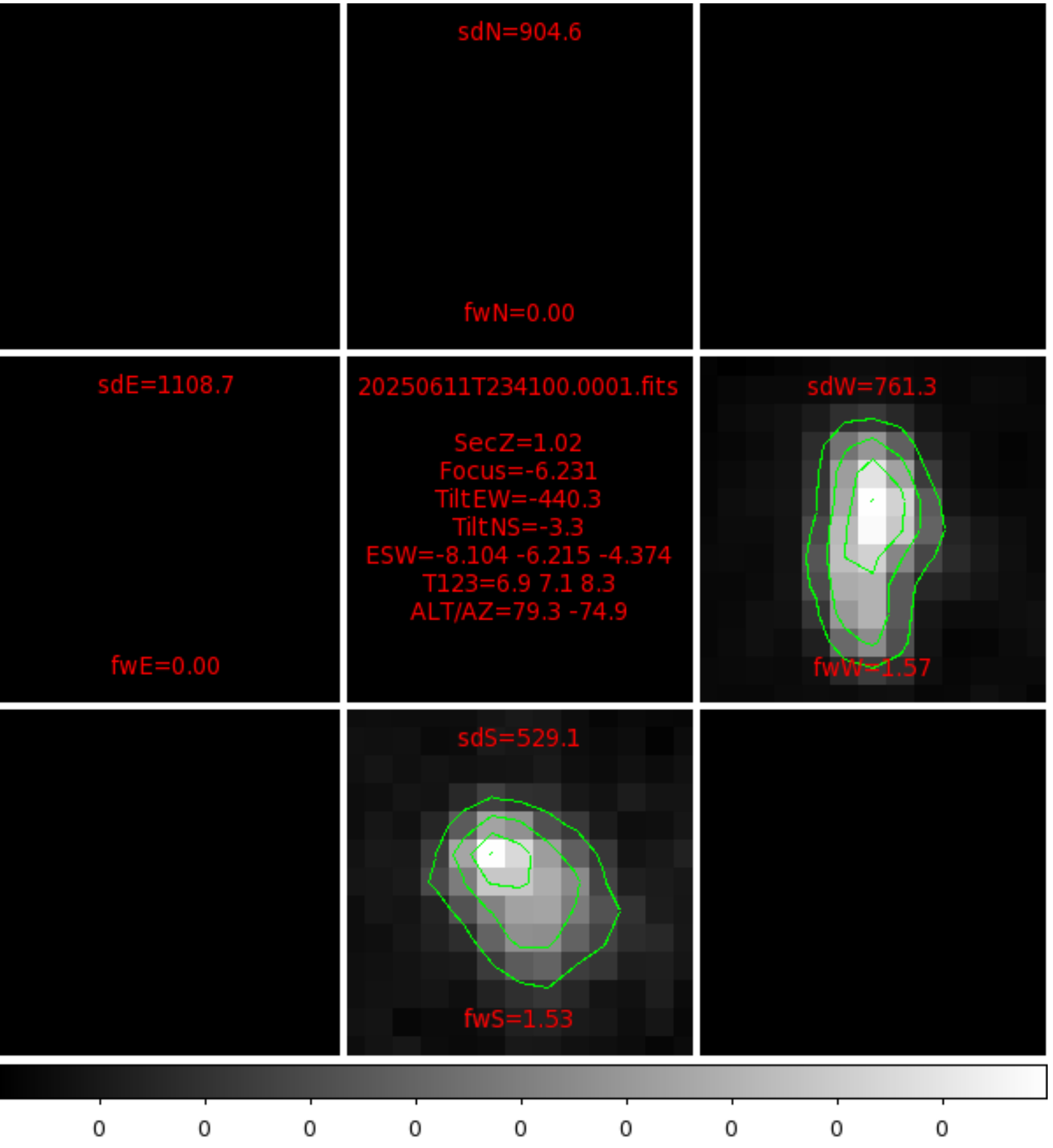
sdN=904.6
fwN=0.00
sdE=1108.7
fwE=0.00
20250611T234100.0001.fits
SecZ=1.02
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=79.3 -74.9
sdW=761.3
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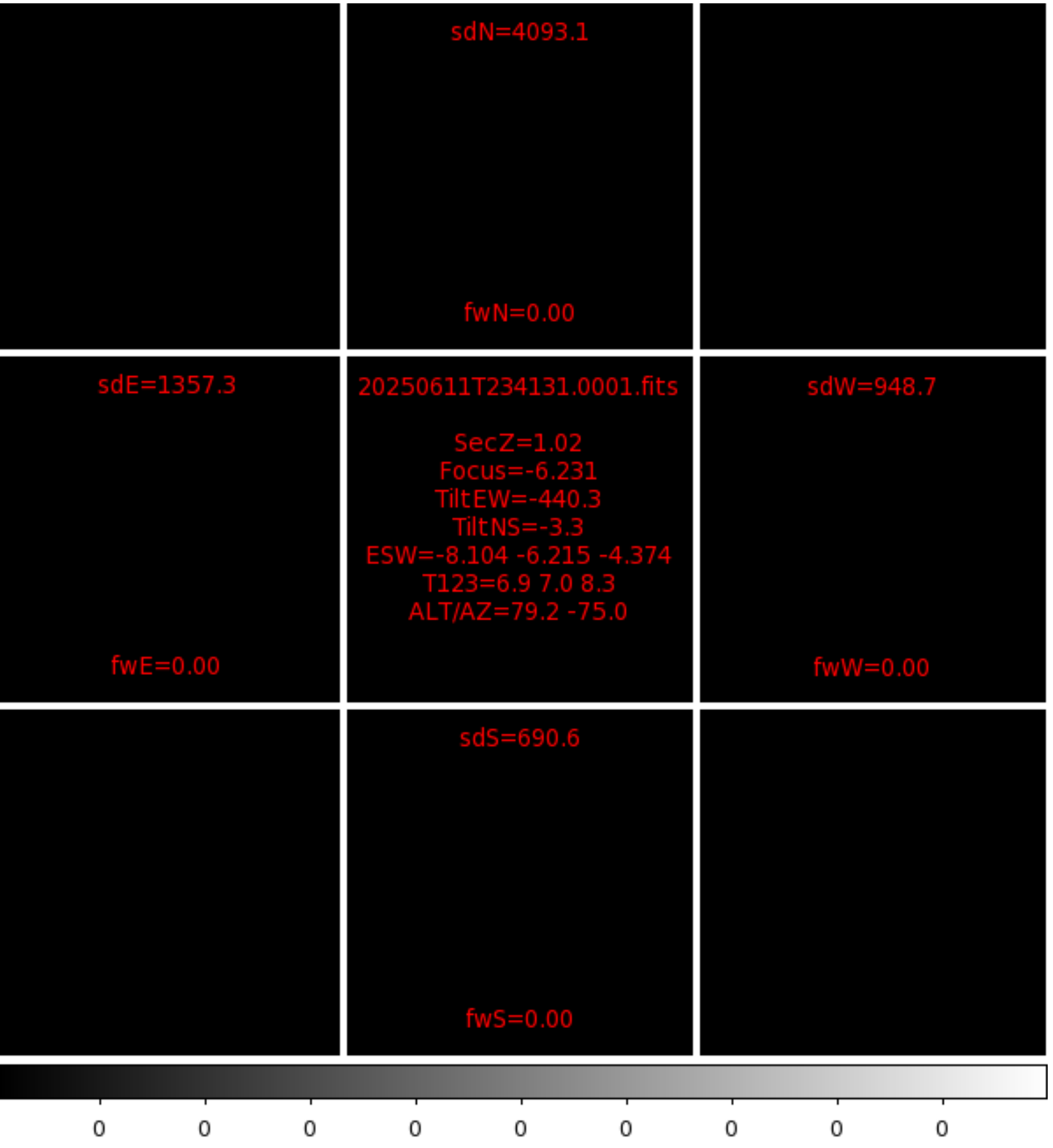
sdN=4093.1
fwN=0.00
sdE=1357.3
fwE=0.00
20250611T234131.0001.fits
SecZ=1.02
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.0 8.3
ALT/AZ=79.2 -75.0
sdW=948.7
fwW=0.00
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fwS=0.00
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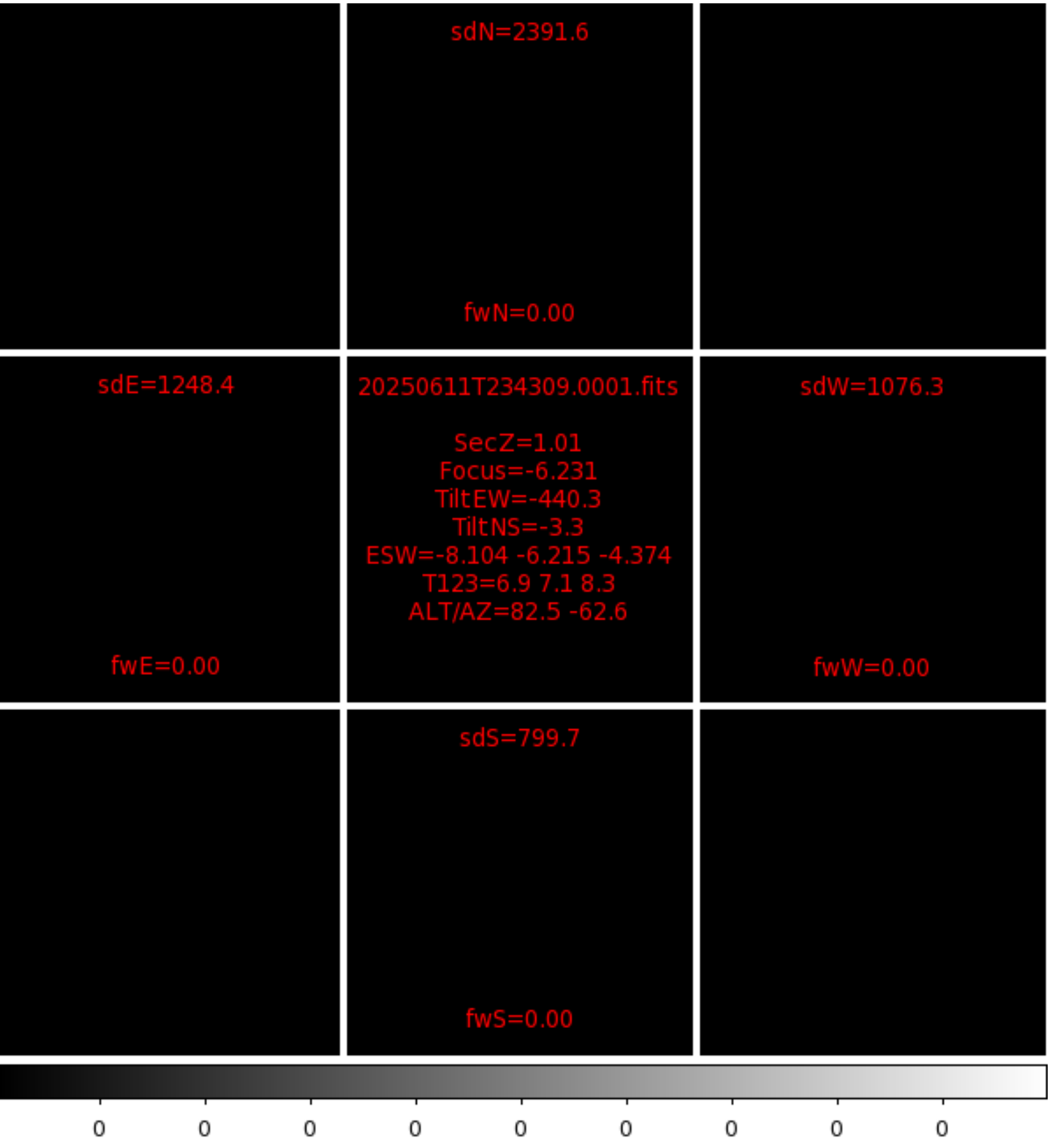
sdN=2391.6
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sdE=1248.4
fwE=0.00
20250611T234309.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
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ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=82.5 -62.6
sdW=1076.3
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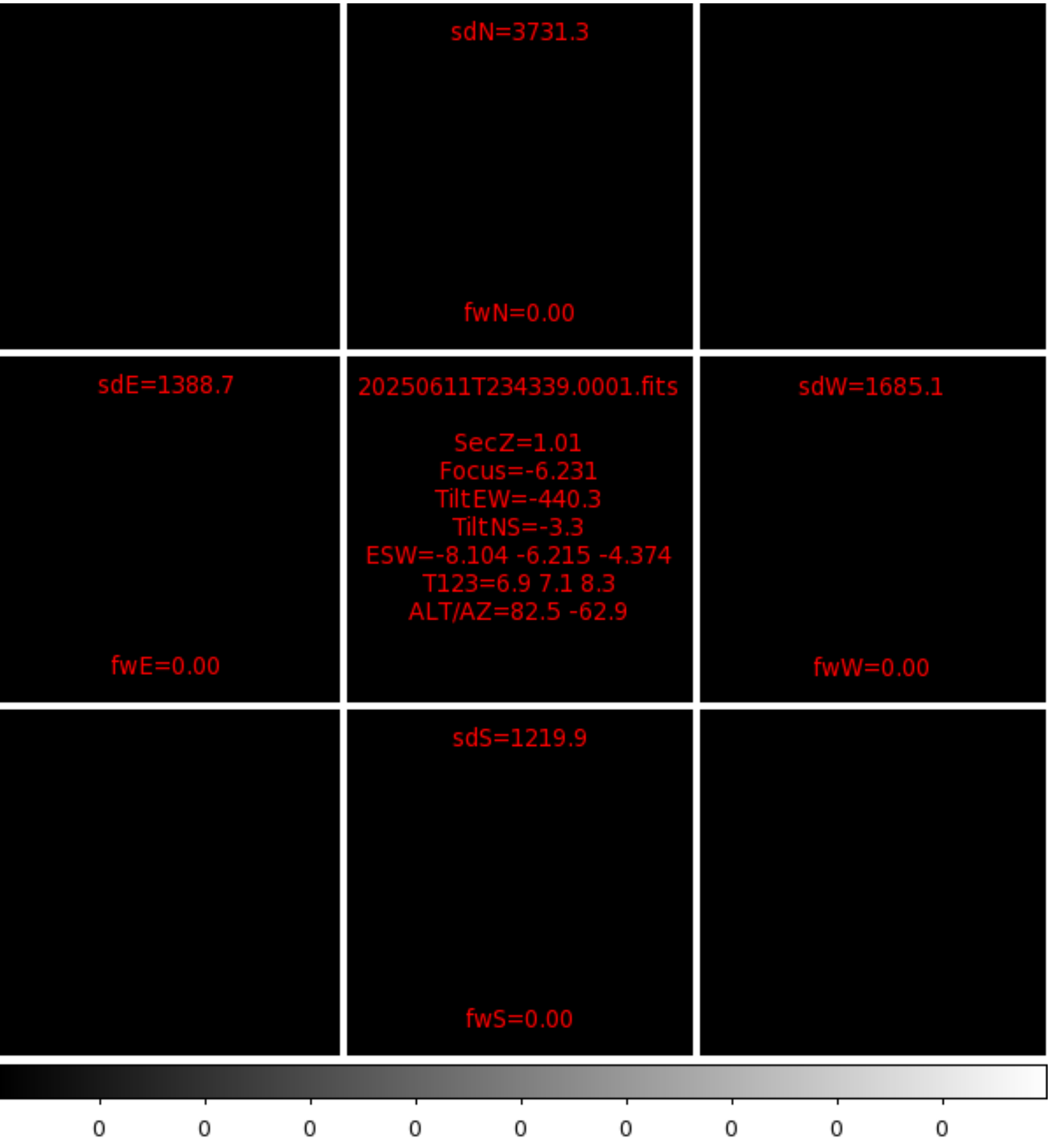
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sdE=1388.7
fwE=0.00
20250611T234339.0001.fits
SecZ=1.01
Focus=-6.231
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TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.3
ALT/AZ=82.5 -62.9
sdW=1685.1
fwW=0.00
sdS=1219.9
fwS=0.00
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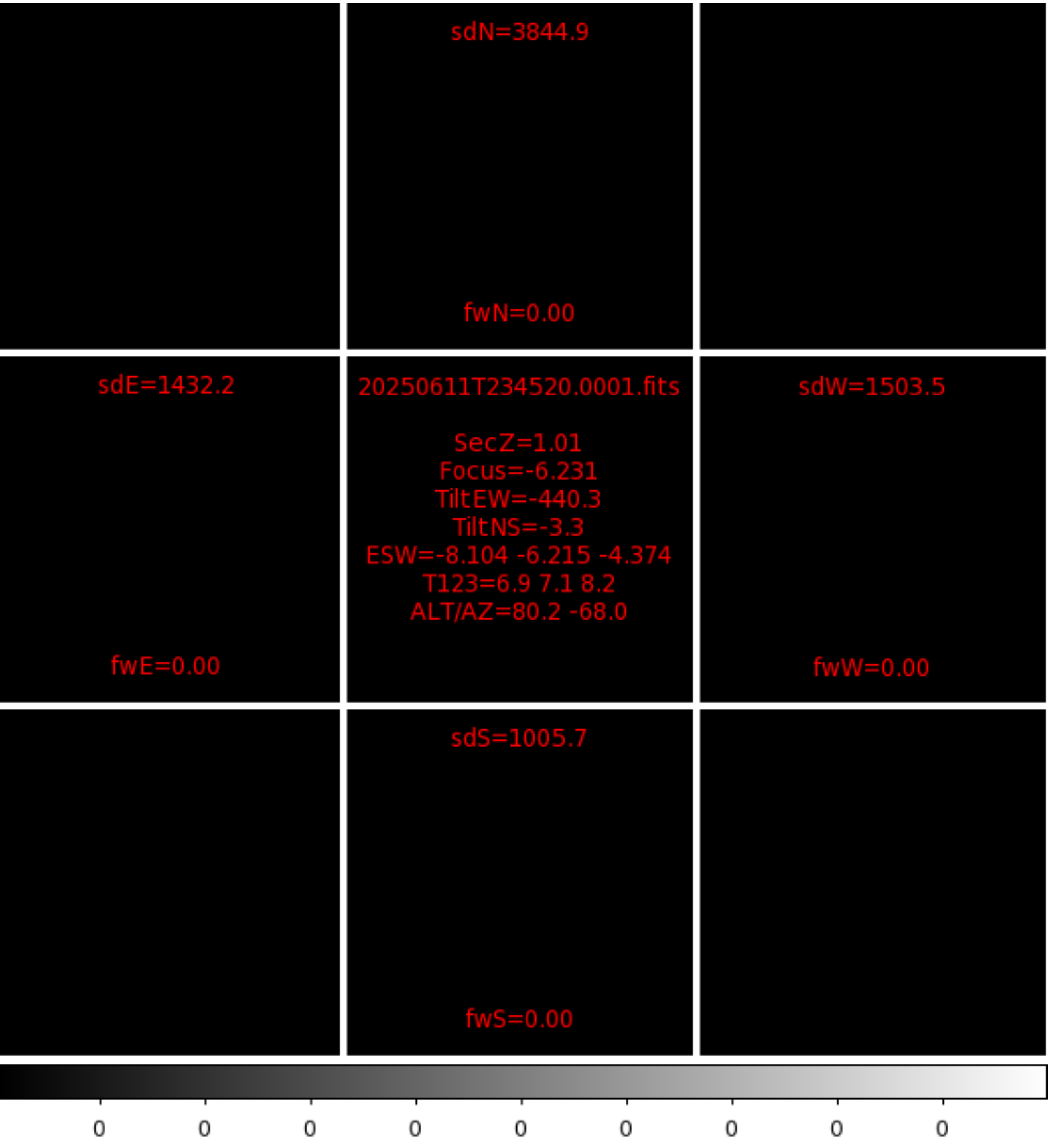
sdN=3844.9
fwN=0.00
sdE=1432.2
fwE=0.00
20250611T234520.0001.fits
SecZ=1.01
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.2
ALT/AZ=80.2 -68.0
sdW=1503.5
fwW=0.00
sdS=1005.7
fwS=0.00
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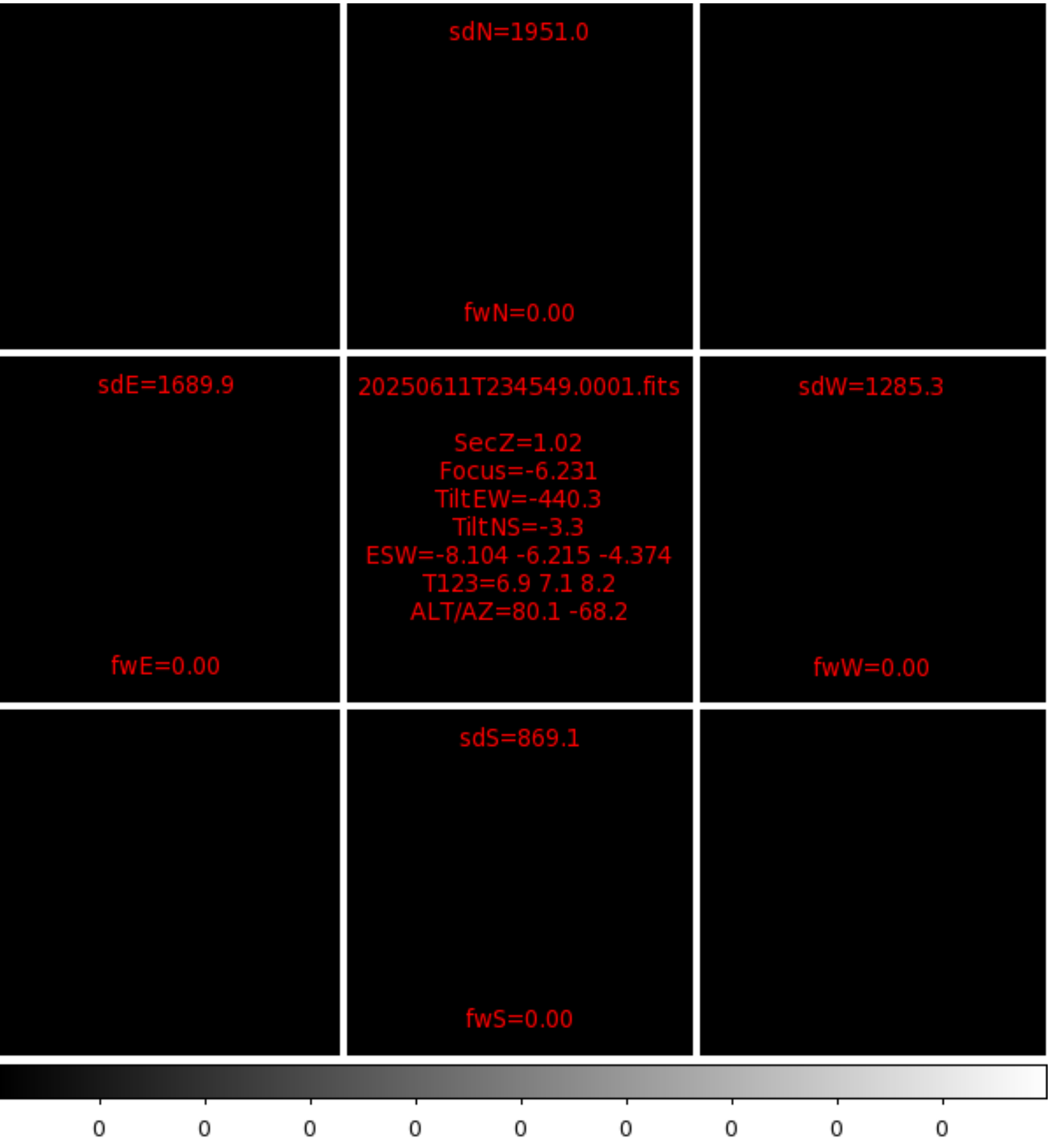
sdN=1951.0
fwN=0.00
sdE=1689.9
fwE=0.00
20250611T234549.0001.fits
SecZ=1.02
Focus=-6.231
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.104 -6.215 -4.374
T123=6.9 7.1 8.2
ALT/AZ=80.1 -68.2
sdW=1285.3
fwW=0.00
sdS=869.1
fwS=0.00
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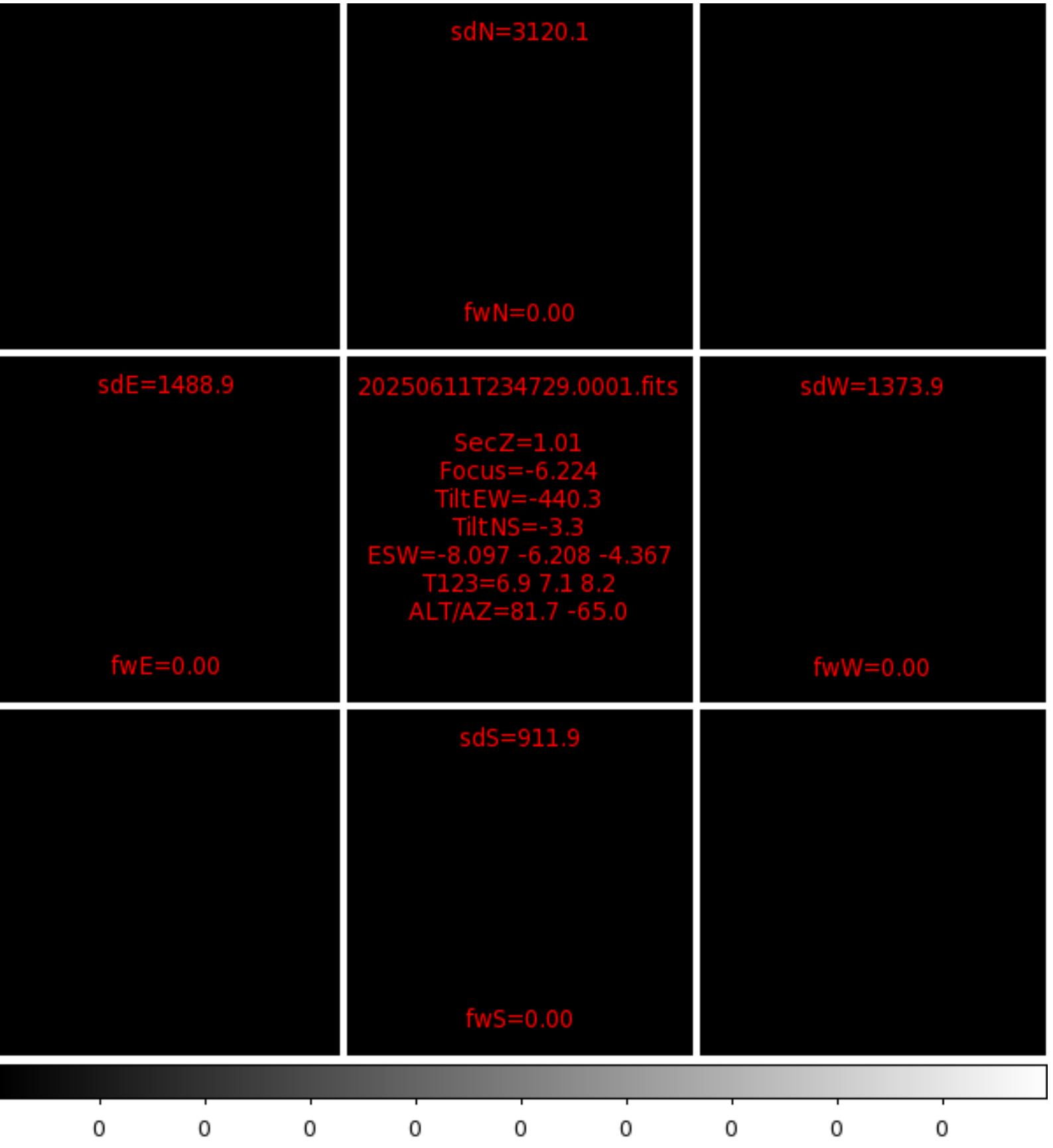
sdN=3120.1
fwN=0.00
sdE=1488.9
fwE=0.00
20250611T234729.0001.fits
SecZ=1.01
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.1 8.2
ALT/AZ=81.7 -65.0
sdW=1373.9
fwW=0.00
sdS=911.9
fwS=0.00
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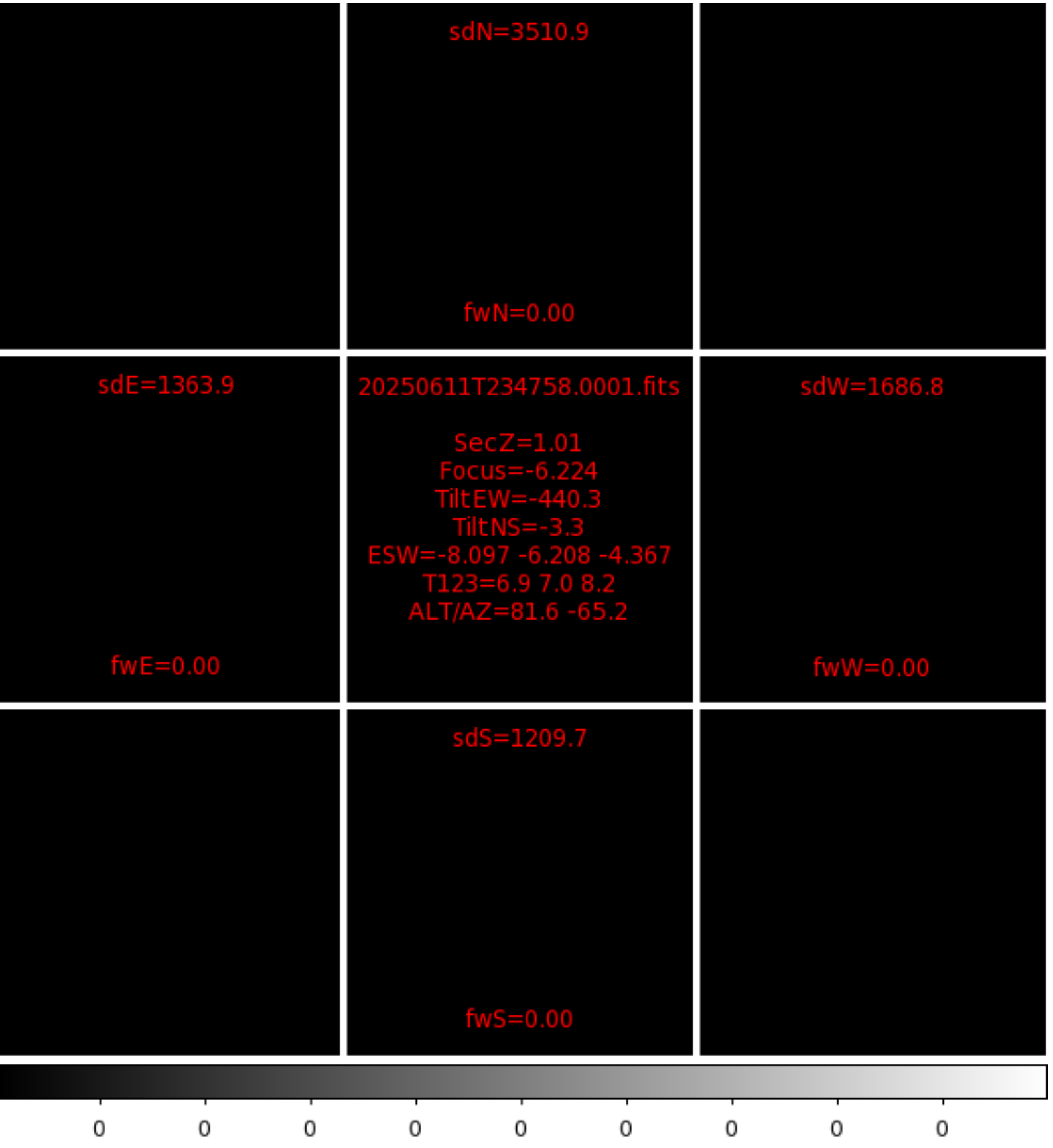
sdN=3510.9
fwN=0.00
sdE=1363.9
fwE=0.00
20250611T234758.0001.fits
SecZ=1.01
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.0 8.2
ALT/AZ=81.6 -65.2
sdW=1686.8
fwW=0.00
sdS=1209.7
fwS=0.00
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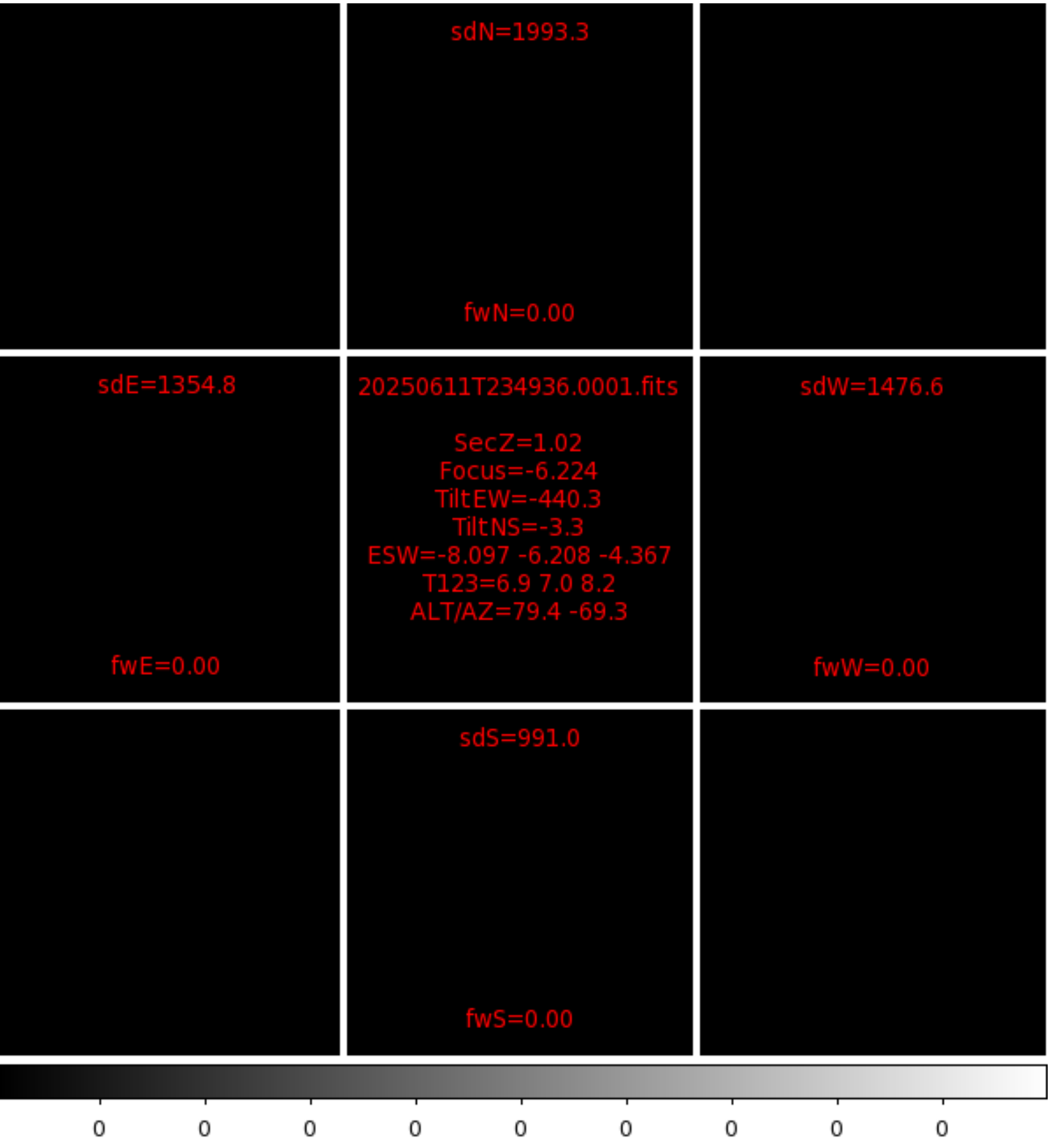
sdN=1993.3
fwN=0.00
sdE=1354.8
fwE=0.00
20250611T234936.0001.fits
SecZ=1.02
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.0 8.2
ALT/AZ=79.4 -69.3
sdW=1476.6
fwW=0.00
sdS=991.0
fwS=0.00
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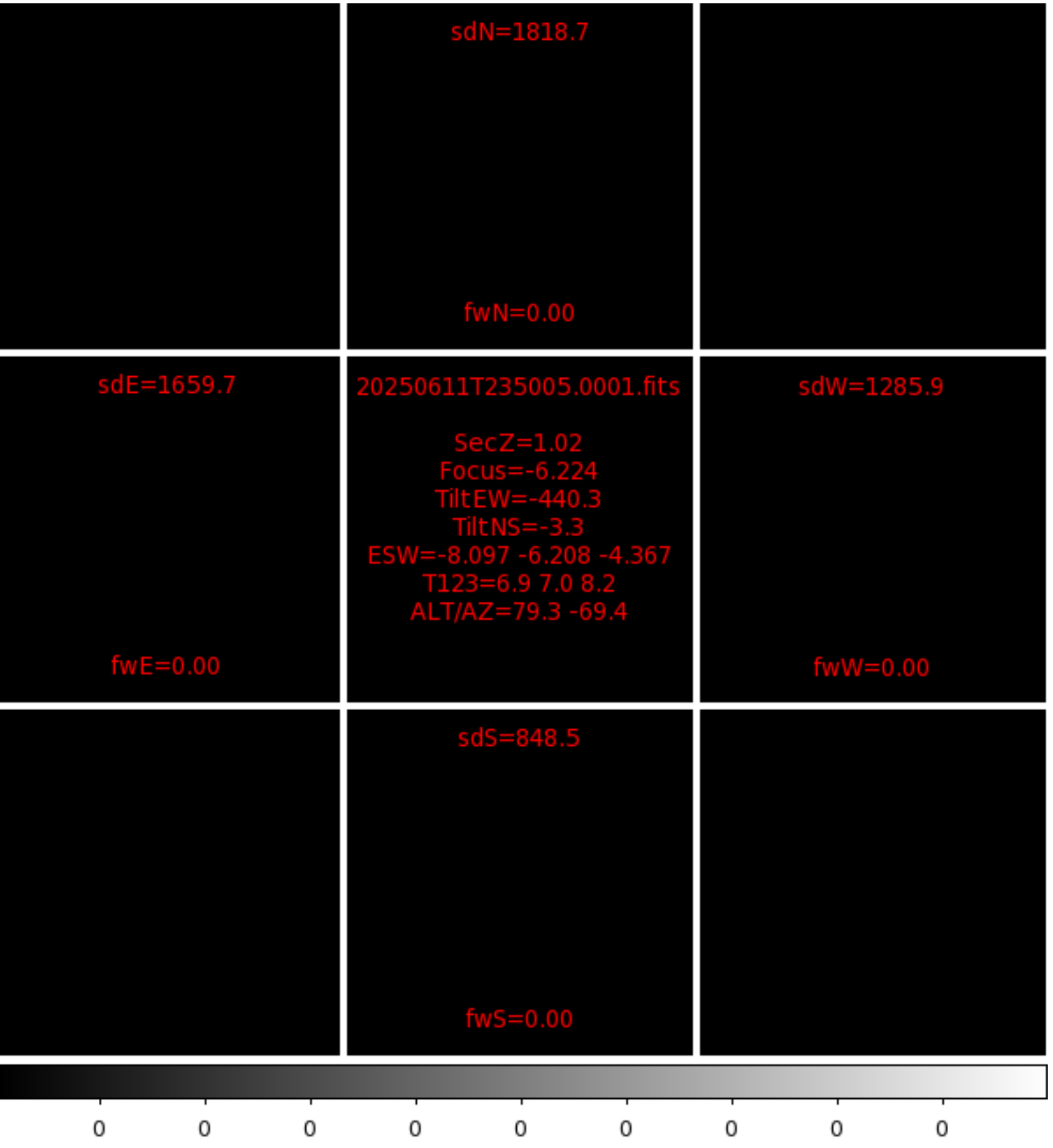
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sdE=1659.7
fwE=0.00
20250611T235005.0001.fits
SecZ=1.02
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.0 8.2
ALT/AZ=79.3 -69.4
sdW=1285.9
fwW=0.00
sdS=848.5
fwS=0.00
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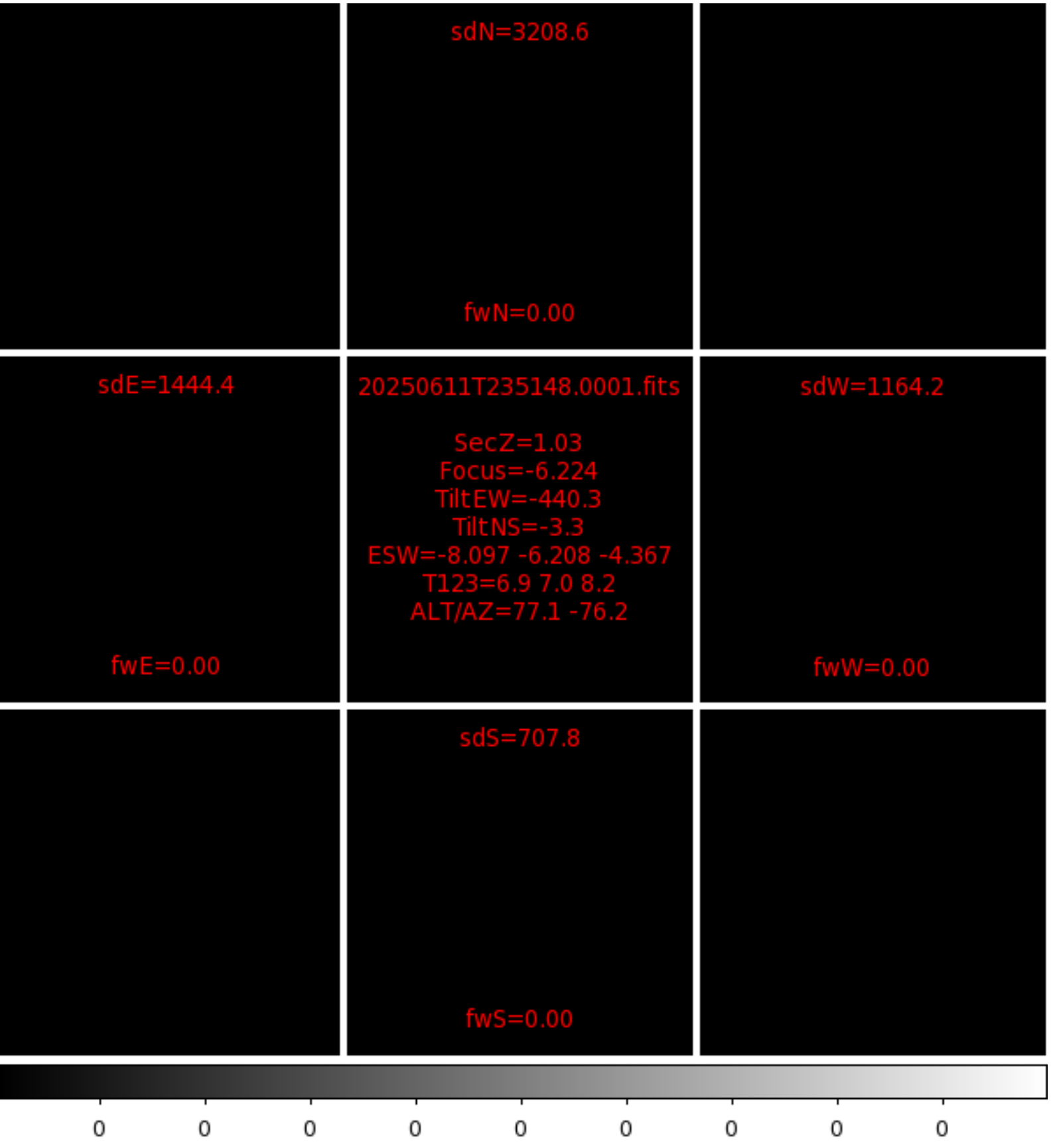
sdN=3208.6
fwN=0.00
sdE=1444.4
fwE=0.00
20250611T235148.0001.fits
SecZ=1.03
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.0 8.2
ALT/AZ=77.1 -76.2
sdW=1164.2
fwW=0.00
sdS=707.8
fwS=0.00
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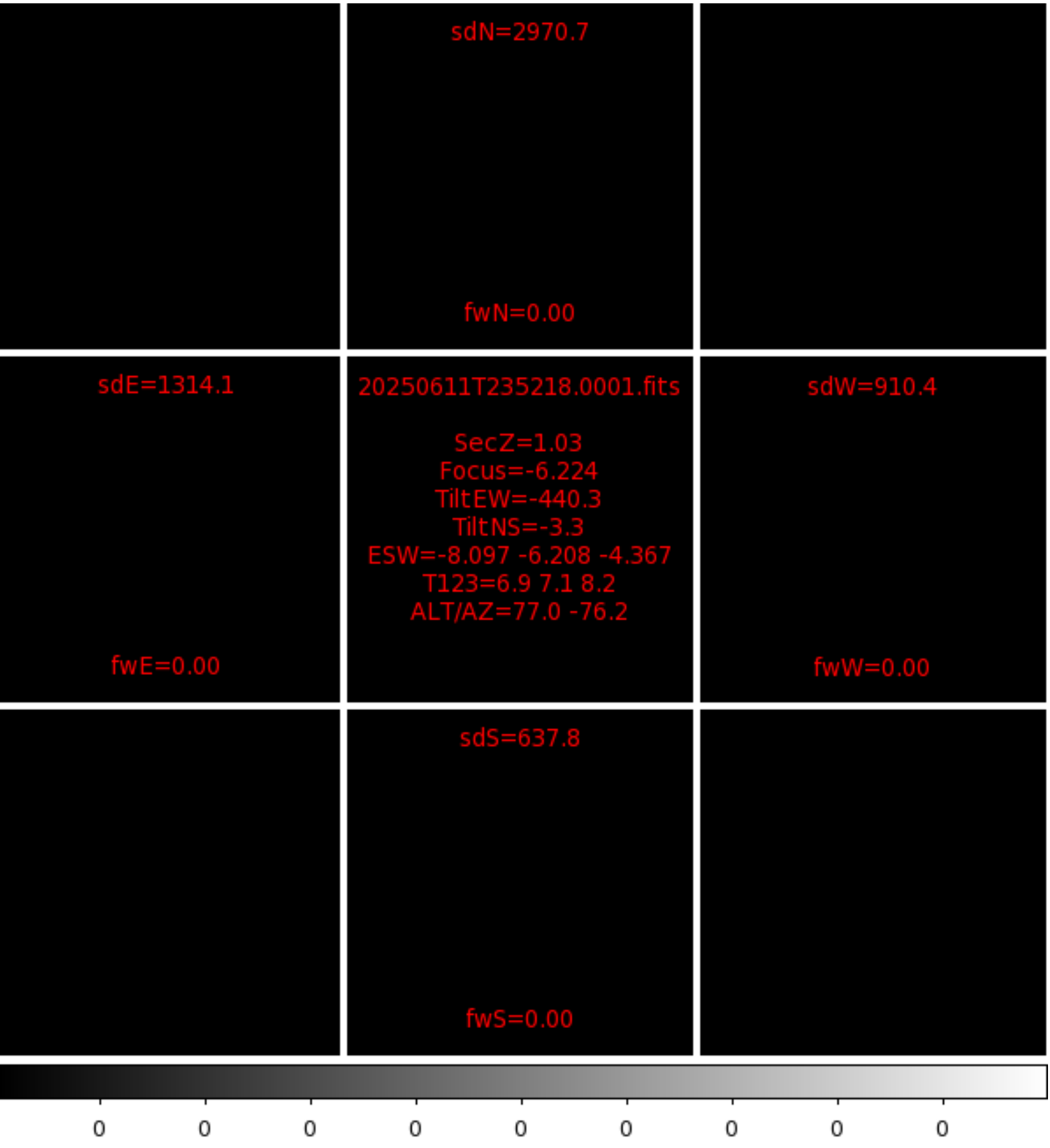
sdN=2970.7
fwN=0.00
sdE=1314.1
fwE=0.00
20250611T235218.0001.fits
SecZ=1.03
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.1 8.2
ALT/AZ=77.0 -76.2
sdW=910.4
fwW=0.00
sdS=637.8
fwS=0.00
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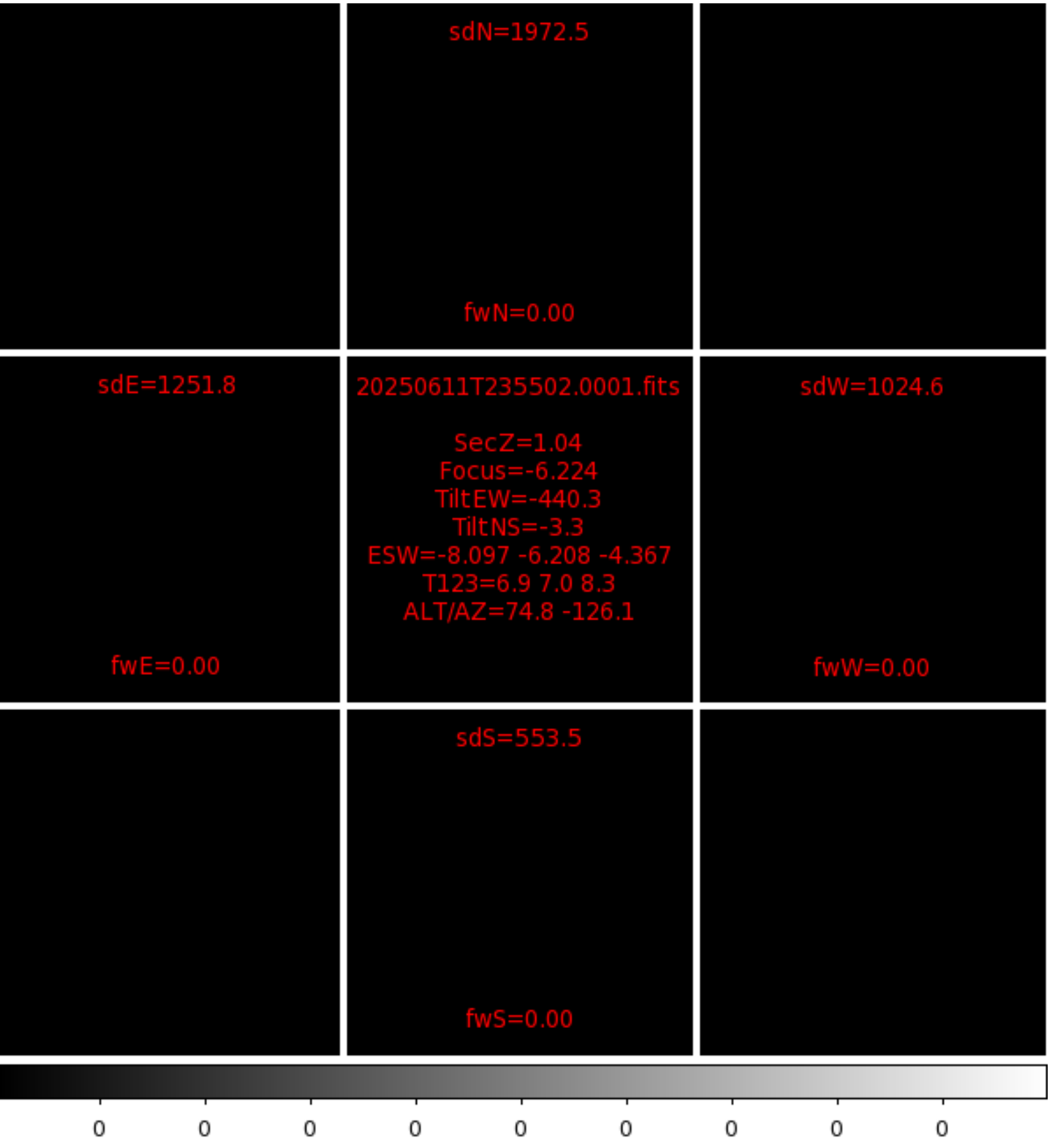
sdN=1972.5
fwN=0.00
sdE=1251.8
fwE=0.00
20250611T235502.0001.fits
SecZ=1.04
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.0 8.3
ALT/AZ=74.8 -126.1
sdW=1024.6
fwW=0.00
sdS=553.5
fwS=0.00
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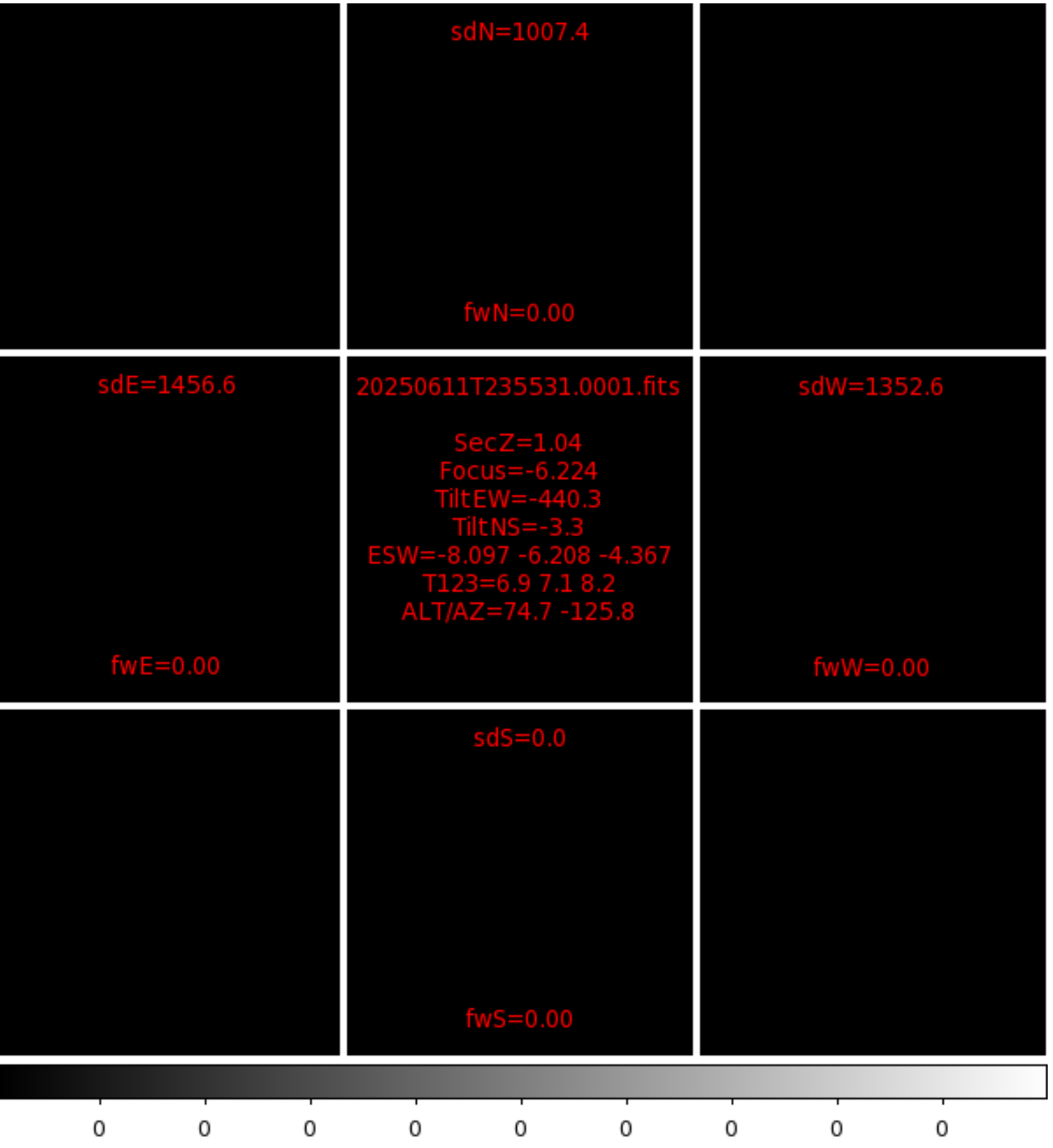
sdN=1007.4
fwN=0.00
sdE=1456.6
fwE=0.00
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SecZ=1.04
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.1 8.2
ALT/AZ=74.7 -125.8
sdW=1352.6
fwW=0.00
sdS=0.0
fwS=0.00
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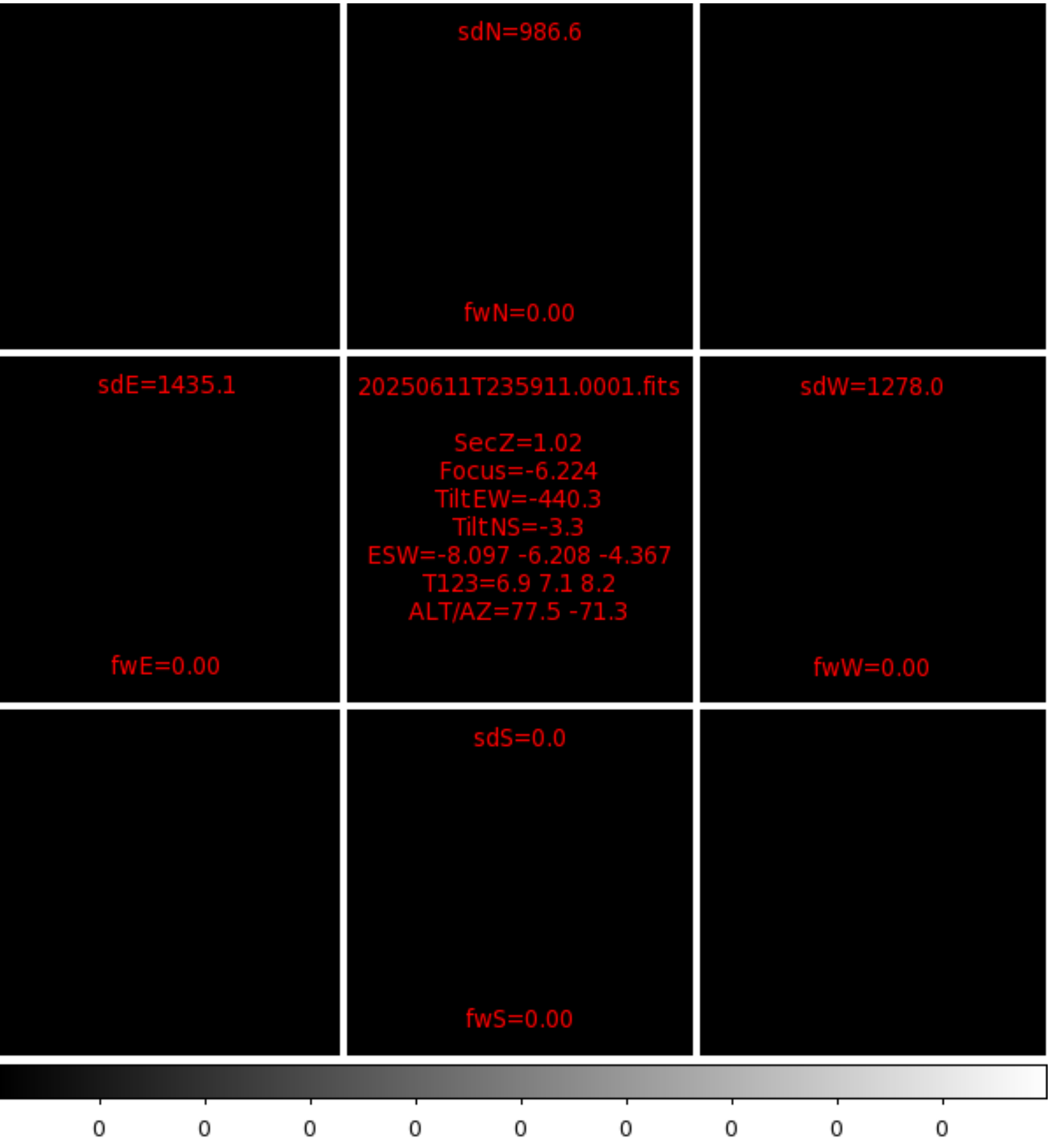
sdN=986.6
fwN=0.00
sdE=1435.1
fwE=0.00
20250611T235911.0001.fits
SecZ=1.02
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.1 8.2
ALT/AZ=77.5 -71.3
sdW=1278.0
fwW=0.00
sdS=0.0
fwS=0.00
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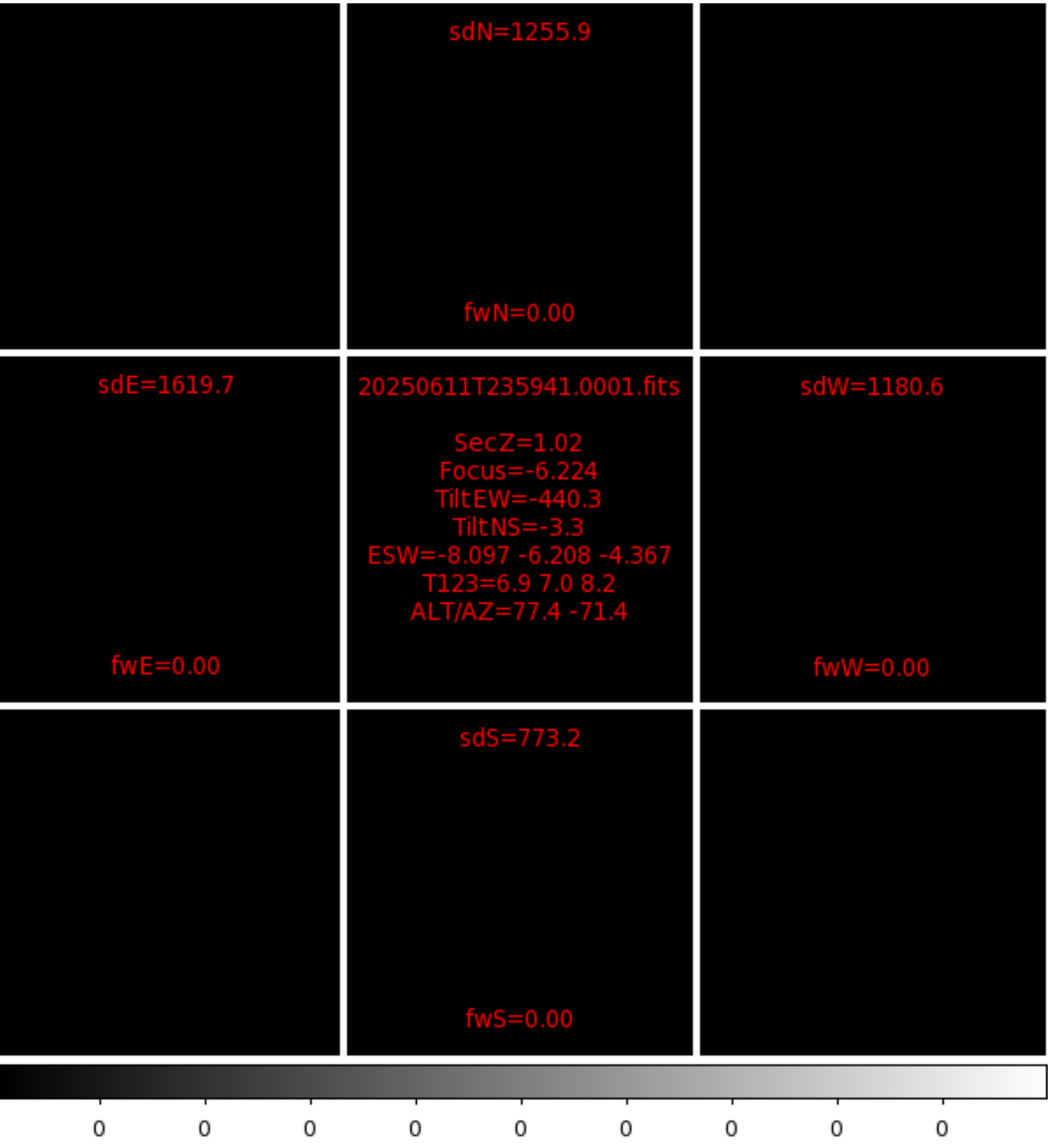
sdN=1255.9
fwN=0.00
sdE=1619.7
fwE=0.00
20250611T235941.0001.fits
SecZ=1.02
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.0 8.2
ALT/AZ=77.4 -71.4
sdW=1180.6
fwW=0.00
sdS=773.2
fwS=0.00
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sdN=1570.8
fwN=0.00
sdE=1366.7
fwE=0.00
20250612T000121.0001.fits
SecZ=1.02
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.1 8.2
ALT/AZ=79.0 -69.8
sdW=1256.1
fwW=0.00
sdS=833.2
fwS=0.00
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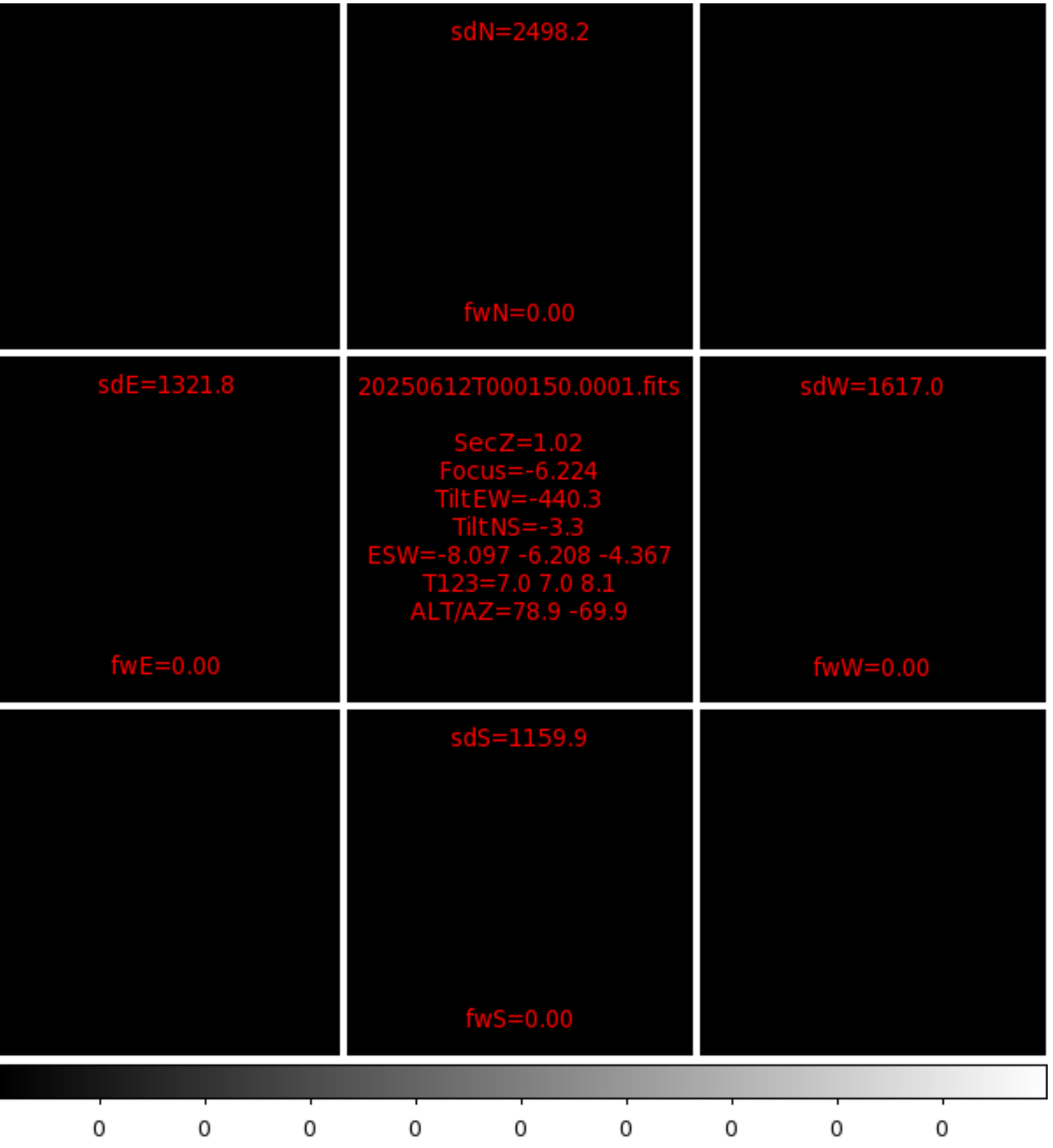
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fwN=0.00
sdE=1321.8
fwE=0.00
20250612T000150.0001.fits
SecZ=1.02
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=7.0 7.0 8.1
ALT/AZ=78.9 -69.9
sdW=1617.0
fwW=0.00
sdS=1159.9
fwS=0.00
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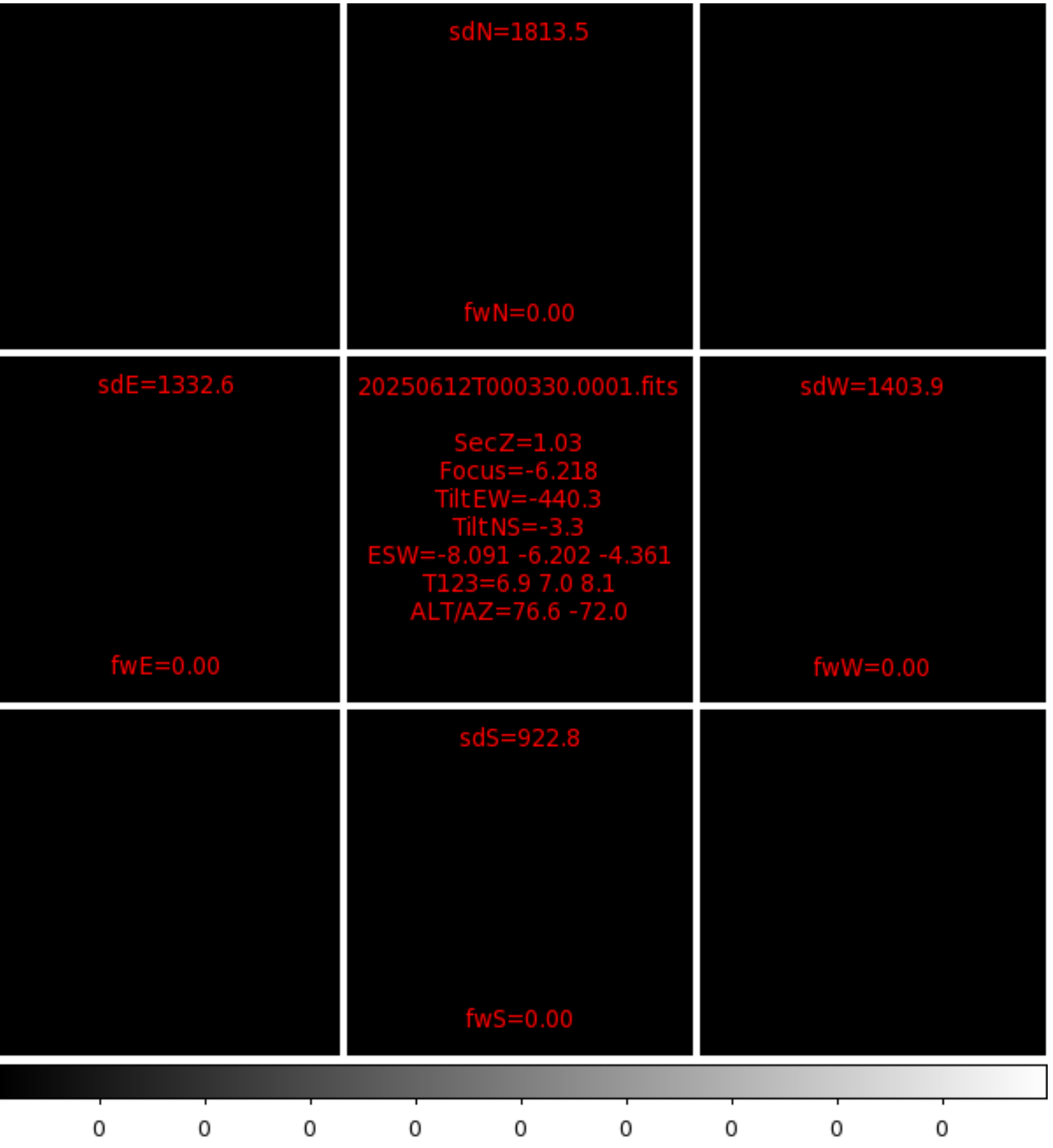
sdN=1813.5
fwN=0.00
sdE=1332.6
fwE=0.00
20250612T000330.0001.fits
SecZ=1.03
Focus=-6.218
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.091 -6.202 -4.361
T123=6.9 7.0 8.1
ALT/AZ=76.6 -72.0
sdW=1403.9
fwW=0.00
sdS=922.8
fwS=0.00
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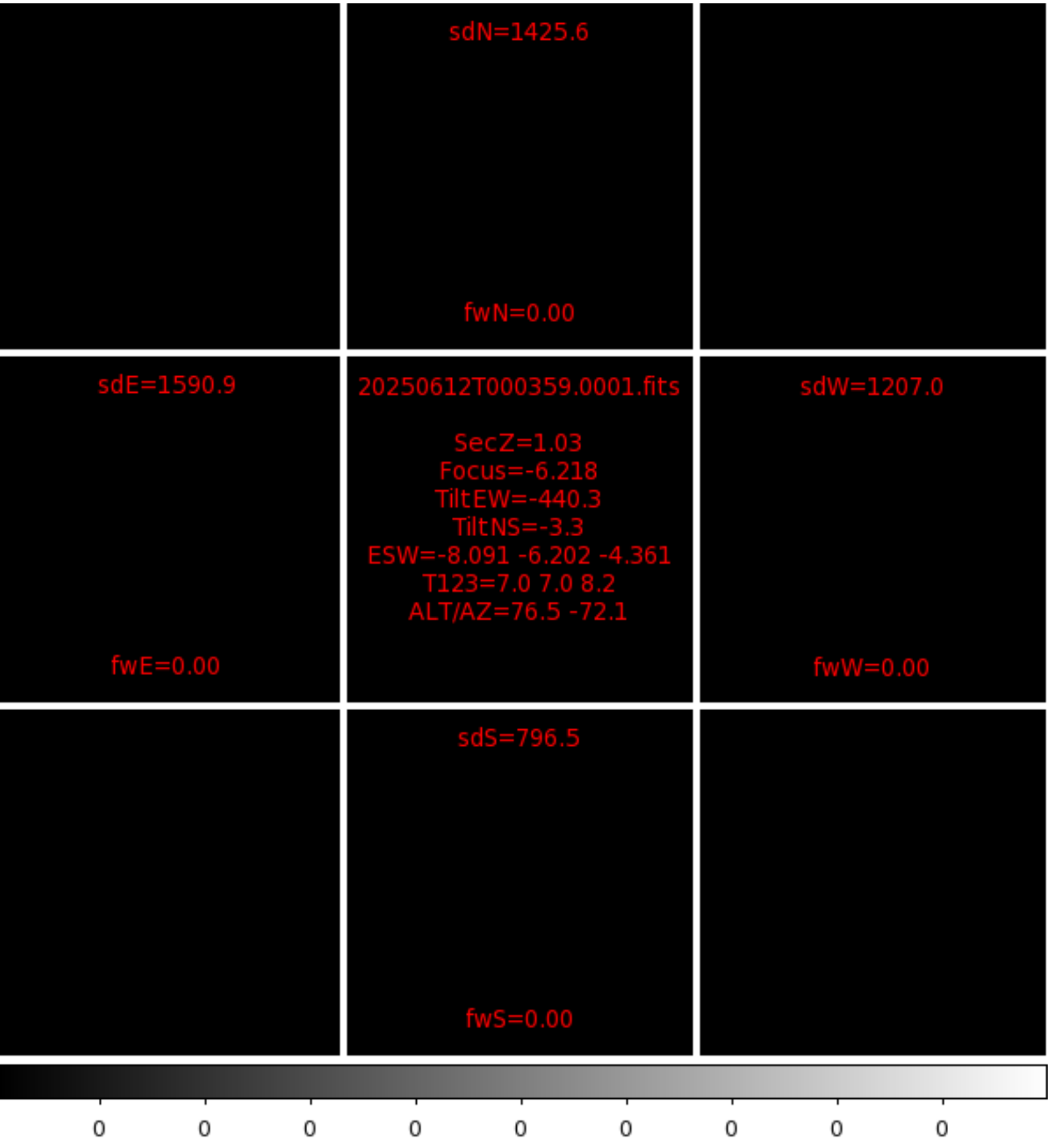
sdN=1425.6
fwN=0.00
sdE=1590.9
fwE=0.00
20250612T000359.0001.fits
SecZ=1.03
Focus=-6.218
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.091 -6.202 -4.361
T123=7.0 7.0 8.2
ALT/AZ=76.5 -72.1
sdW=1207.0
fwW=0.00
sdS=796.5
fwS=0.00
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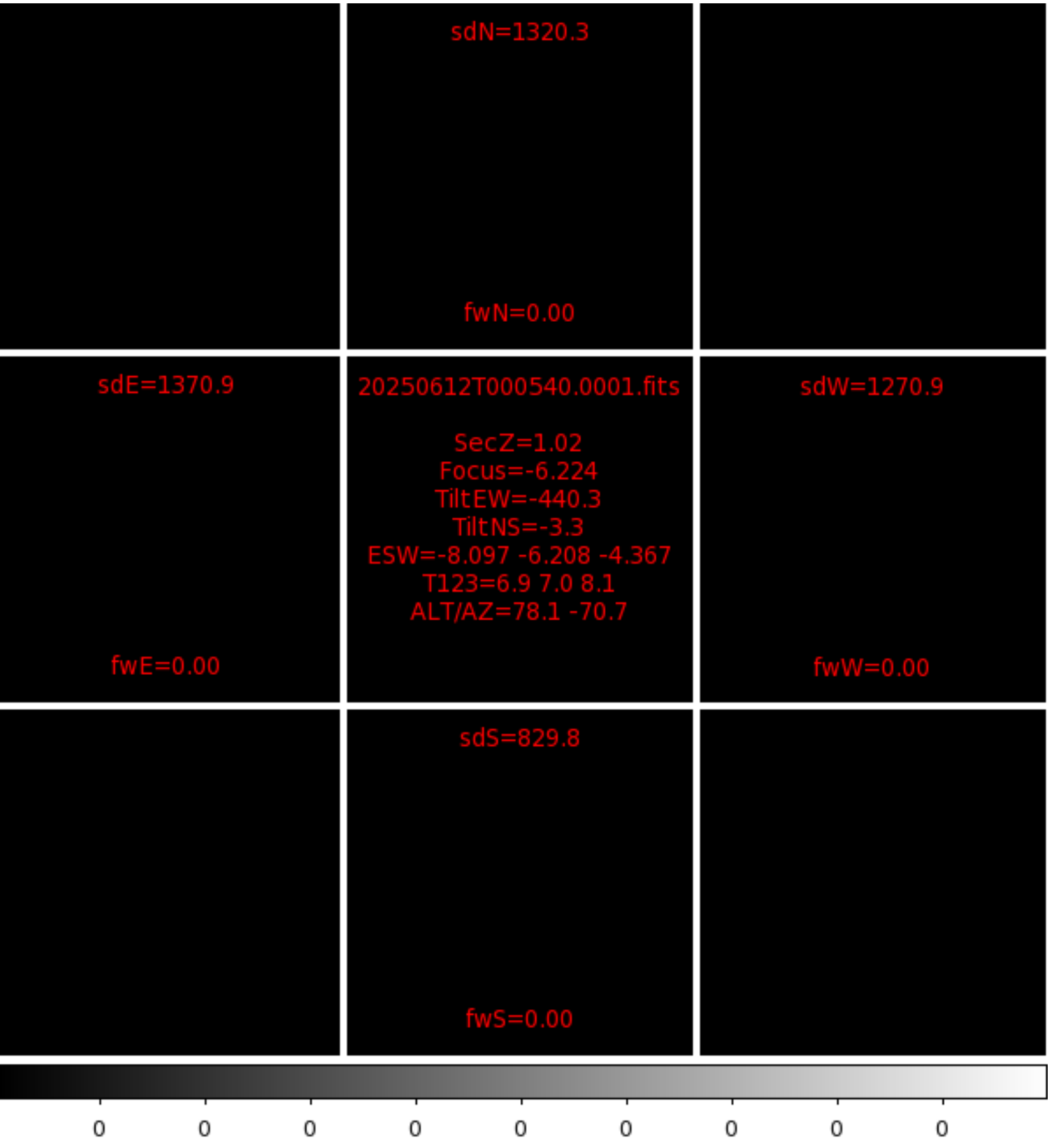
sdN=1320.3
fwN=0.00
sdE=1370.9
fwE=0.00
20250612T000540.0001.fits
SecZ=1.02
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.0 8.1
ALT/AZ=78.1 -70.7
sdW=1270.9
fwW=0.00
sdS=829.8
fwS=0.00
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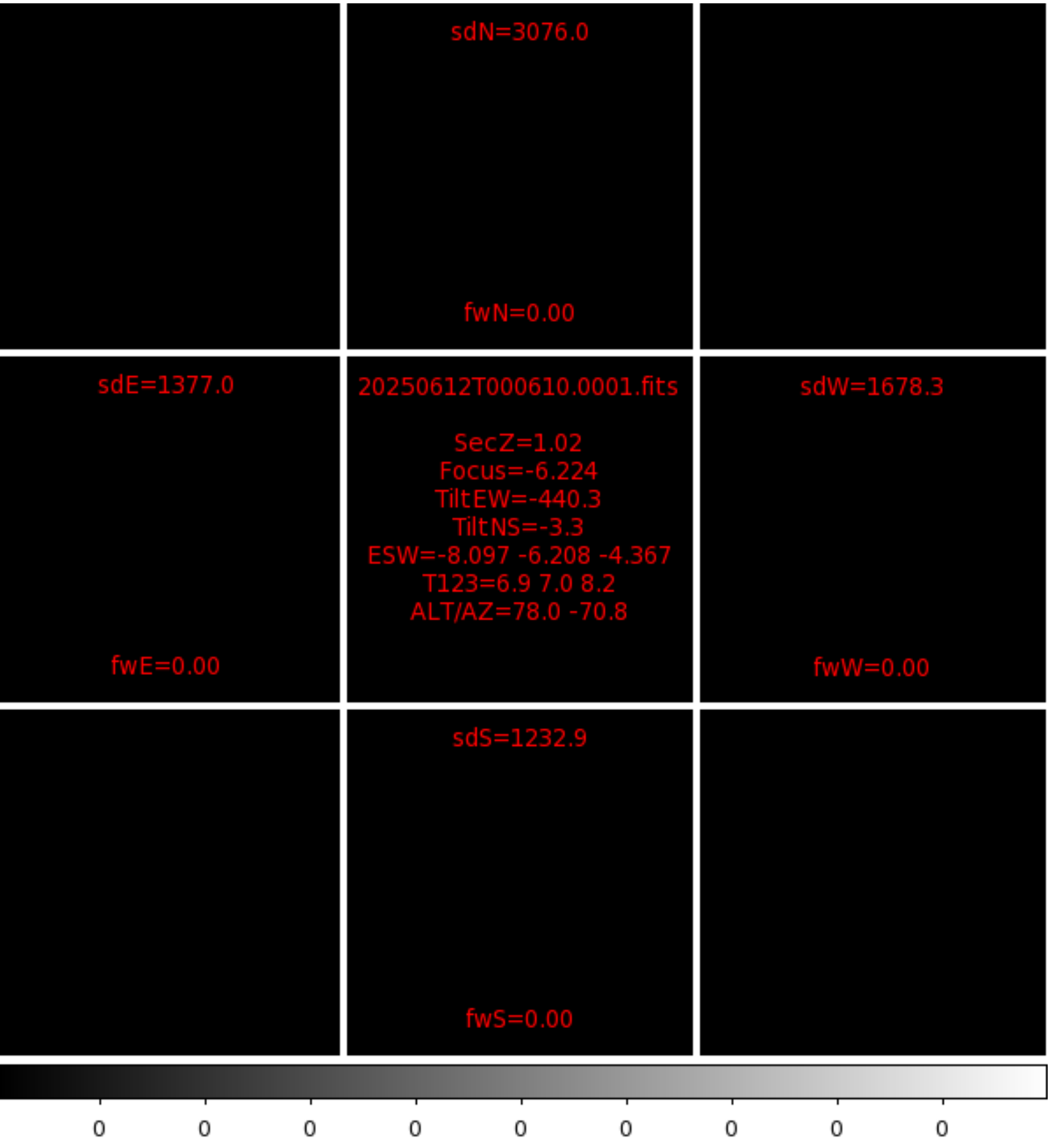
sdN=3076.0
fwN=0.00
sdE=1377.0
fwE=0.00
20250612T000610.0001.fits
SecZ=1.02
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.0 8.2
ALT/AZ=78.0 -70.8
sdW=1678.3
fwW=0.00
sdS=1232.9
fwS=0.00
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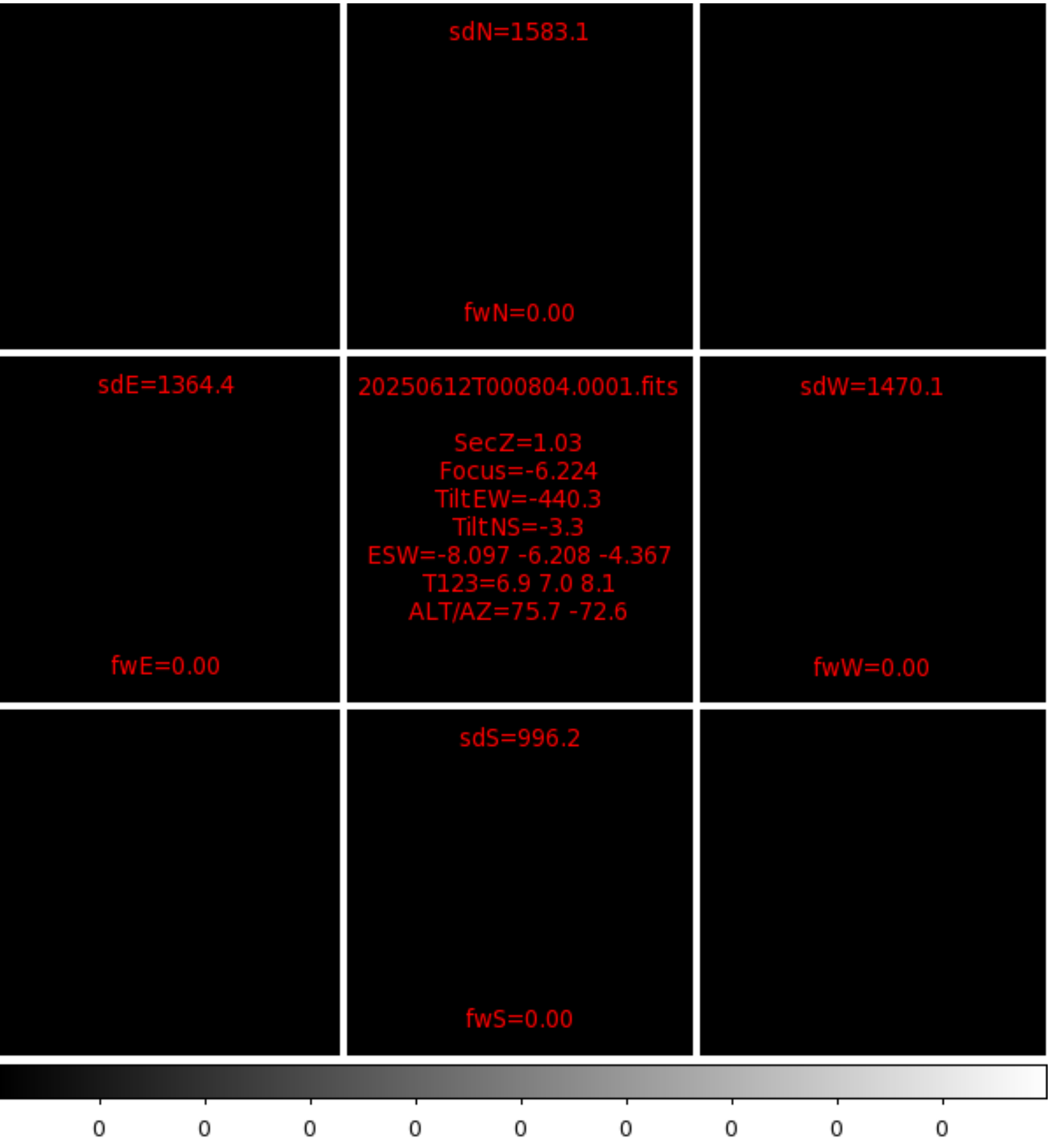
sdN=1583.1
fwN=0.00
sdE=1364.4
fwE=0.00
20250612T000804.0001.fits
SecZ=1.03
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 7.0 8.1
ALT/AZ=75.7 -72.6
sdW=1470.1
fwW=0.00
sdS=996.2
fwS=0.00
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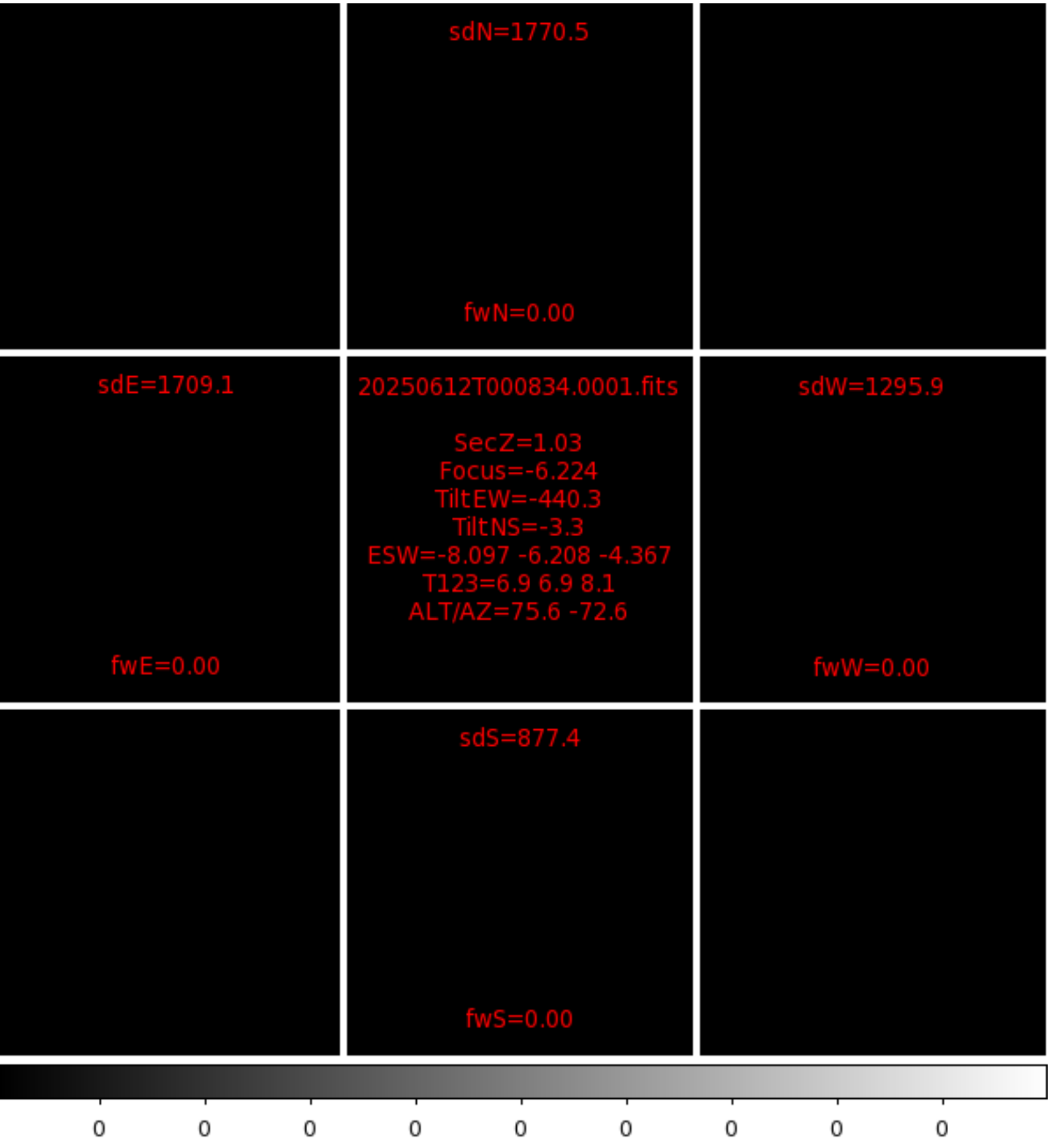
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fwN=0.00
sdE=1709.1
fwE=0.00
20250612T000834.0001.fits
SecZ=1.03
Focus=-6.224
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.097 -6.208 -4.367
T123=6.9 6.9 8.1
ALT/AZ=75.6 -72.6
sdW=1295.9
fwW=0.00
sdS=877.4
fwS=0.00
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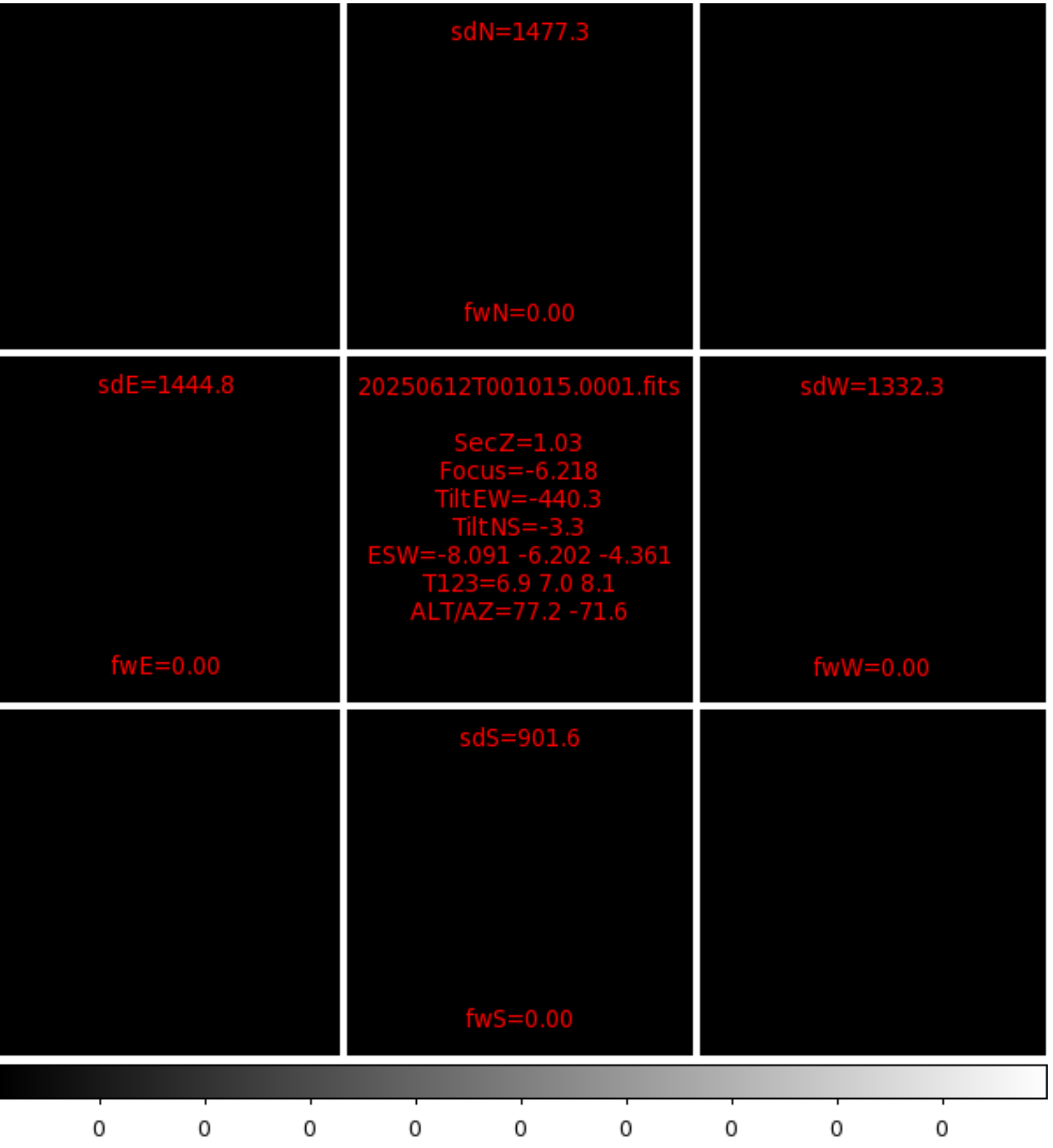
sdN=1477.3
fwN=0.00
sdE=1444.8
fwE=0.00
20250612T001015.0001.fits
SecZ=1.03
Focus=-6.218
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.091 -6.202 -4.361
T123=6.9 7.0 8.1
ALT/AZ=77.2 -71.6
sdW=1332.3
fwW=0.00
sdS=901.6
fwS=0.00
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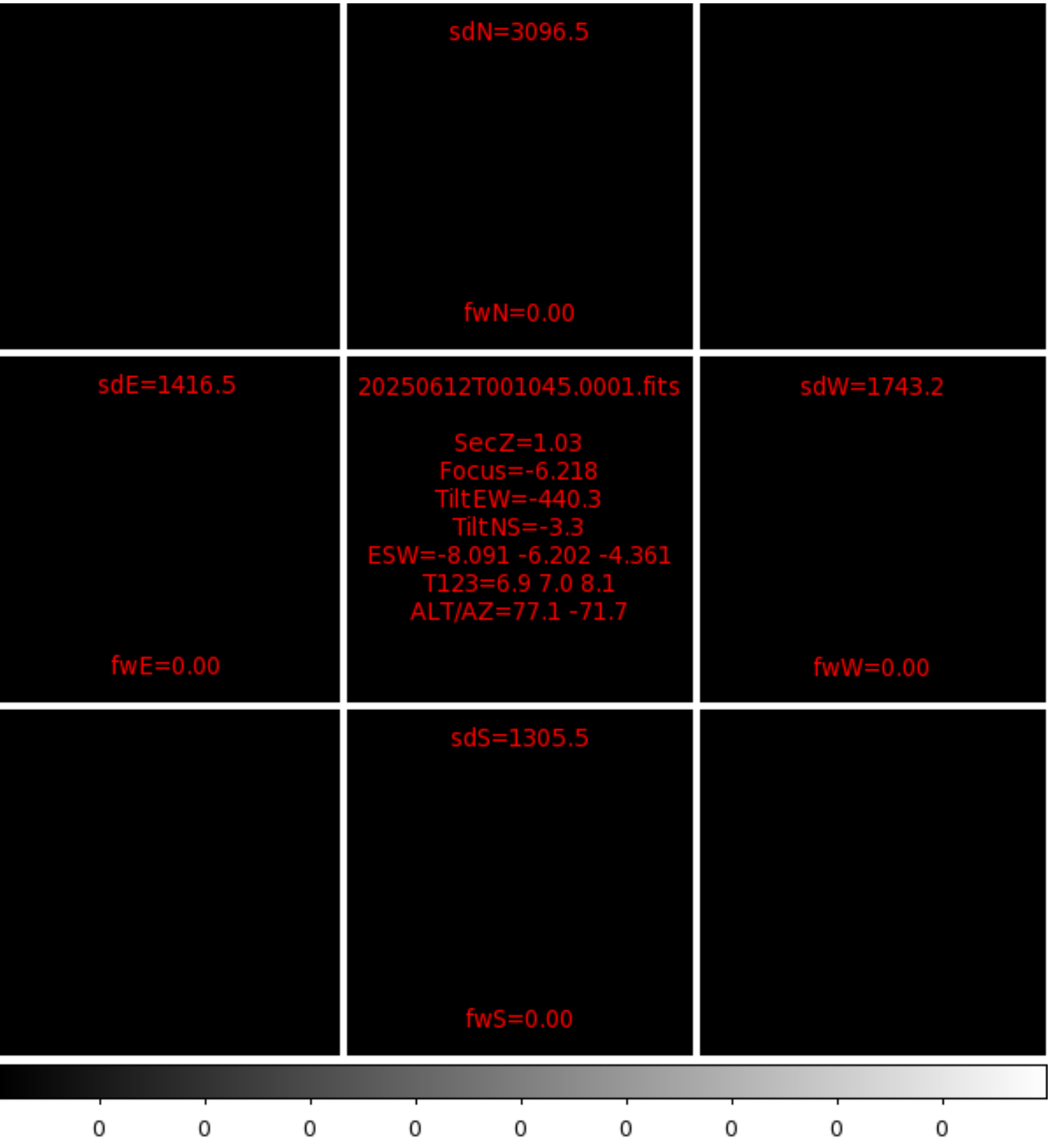
sdN=3096.5
fwN=0.00
sdE=1416.5
fwE=0.00
20250612T001045.0001.fits
SecZ=1.03
Focus=-6.218
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.091 -6.202 -4.361
T123=6.9 7.0 8.1
ALT/AZ=77.1 -71.7
sdW=1743.2
fwW=0.00
sdS=1305.5
fwS=0.00
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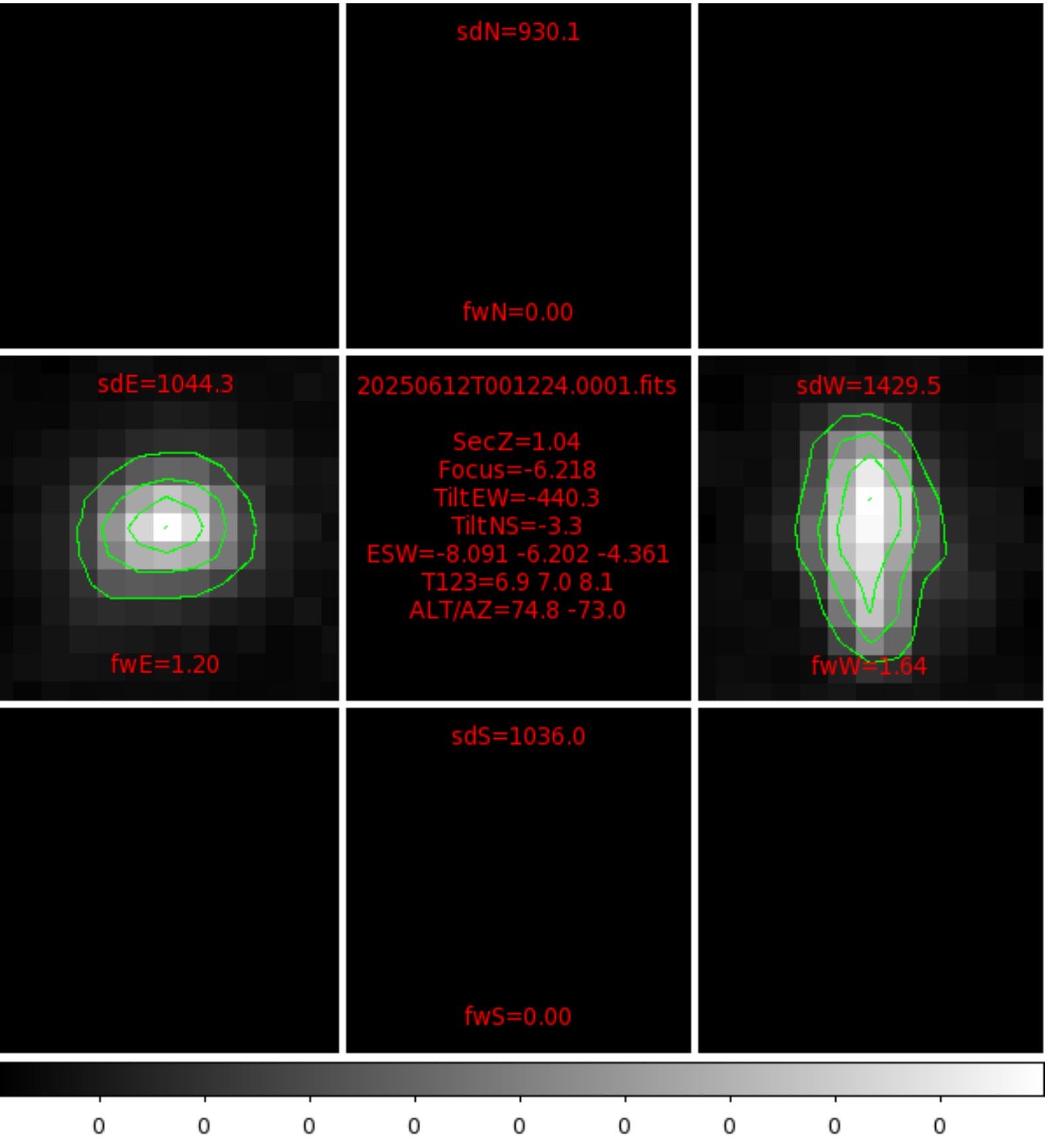
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fwN=0.00
sdE=1044.3
fwE=1.20
20250612T001224.0001.fits
SecZ=1.04
Focus=-6.218
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.091 -6.202 -4.361
T123=6.9 7.0 8.1
ALT/AZ=74.8 -73.0
sdW=1429.5
fwW=1.64
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fwS=0.00
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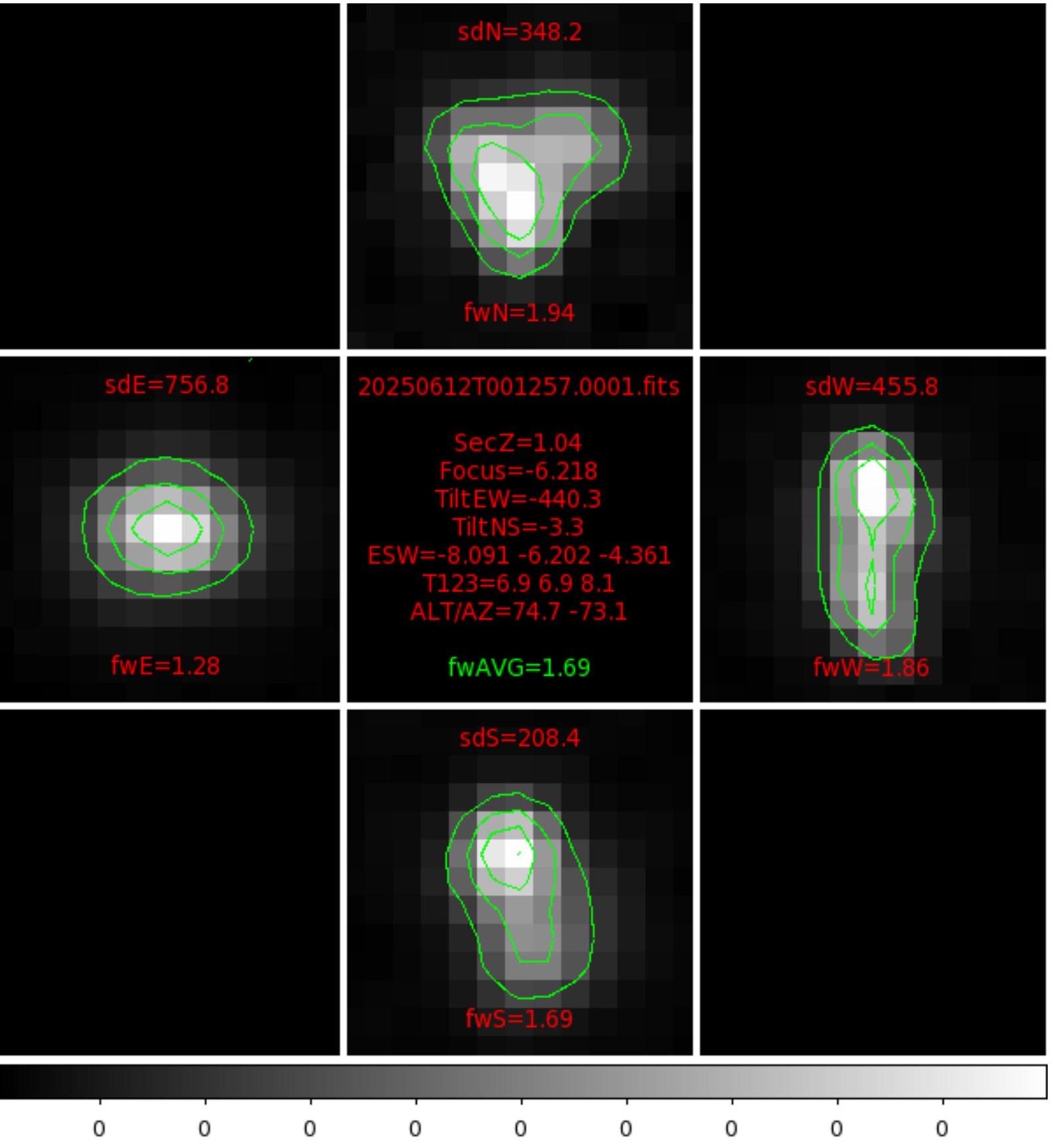
sdN=348.2
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sdE=756.8
fwE=1.28
20250612T001257.0001.fits
SecZ=1.04
Focus=-6.218
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.091 -6.202 -4.361
T123=6.9 6.9 8.1
ALT/AZ=74.7 -73.1
fwAVG=1.69
sdW=455.8
fwW=1.86
sdS=208.4
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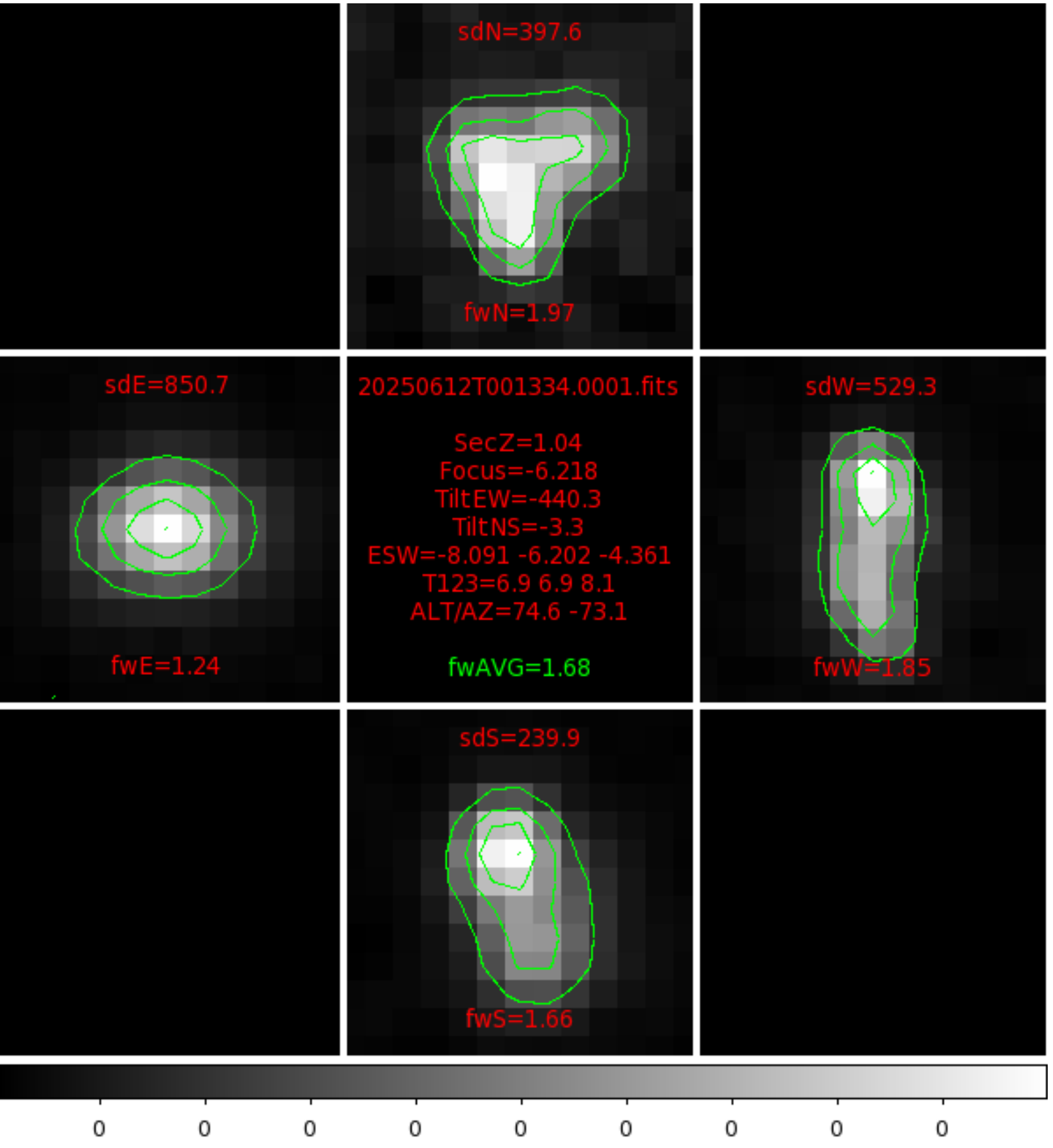
sdN=397.6
fwN=1.97
sdE=850.7
fwE=1.24
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SecZ=1.04
Focus=-6.218
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.091 -6.202 -4.361
T123=6.9 6.9 8.1
ALT/AZ=74.6 -73.1
fwAVG=1.68
sdW=529.3
fwW=1.85
sdS=239.9
fwS=1.66
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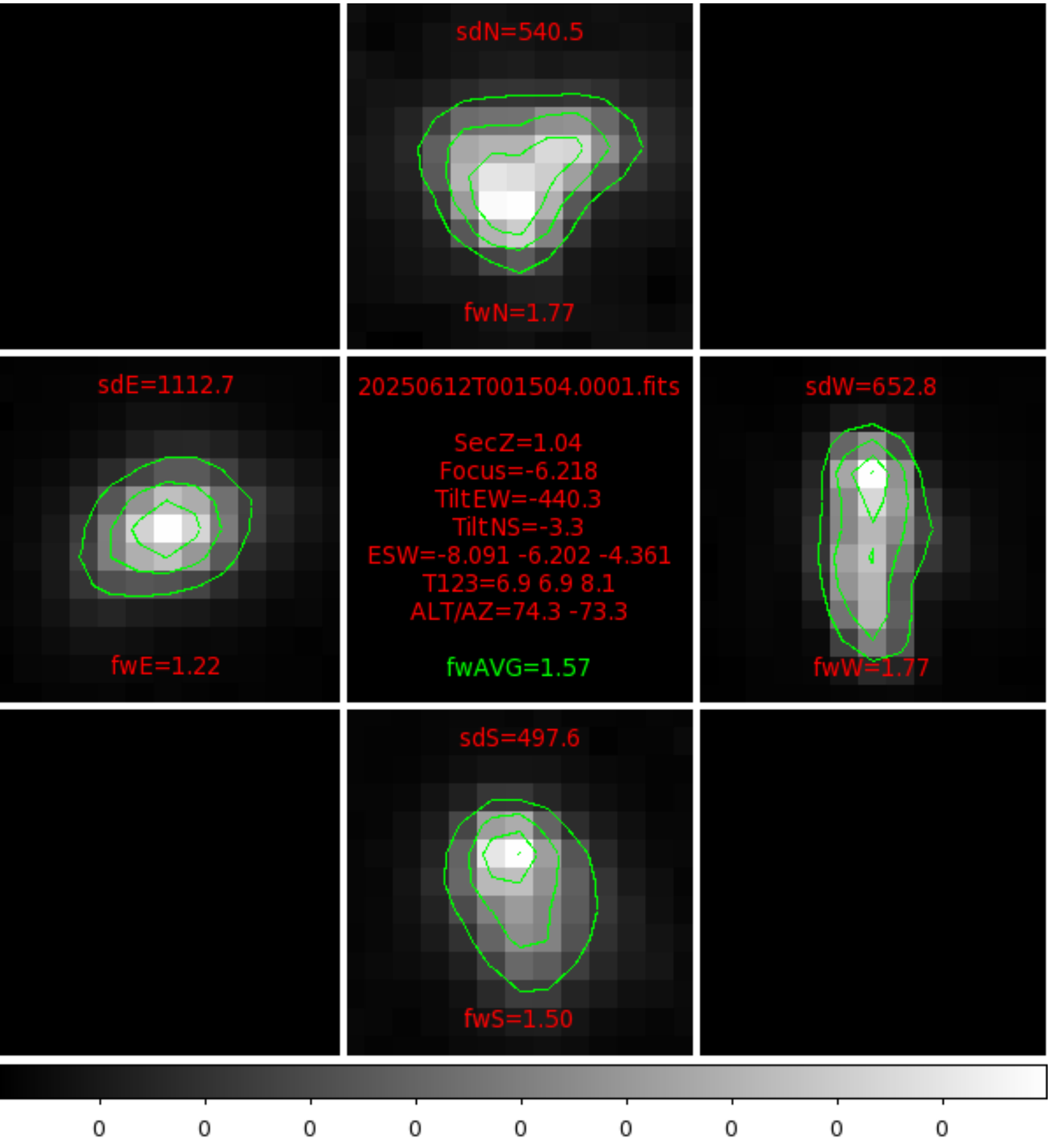
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fwN=1.77
sdE=1112.7
fwE=1.22
20250612T001504.0001.fits
SecZ=1.04
Focus=-6.218
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.091 -6.202 -4.361
T123=6.9 6.9 8.1
ALT/AZ=74.3 -73.3
fwAVG=1.57
sdW=652.8
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sdS=497.6
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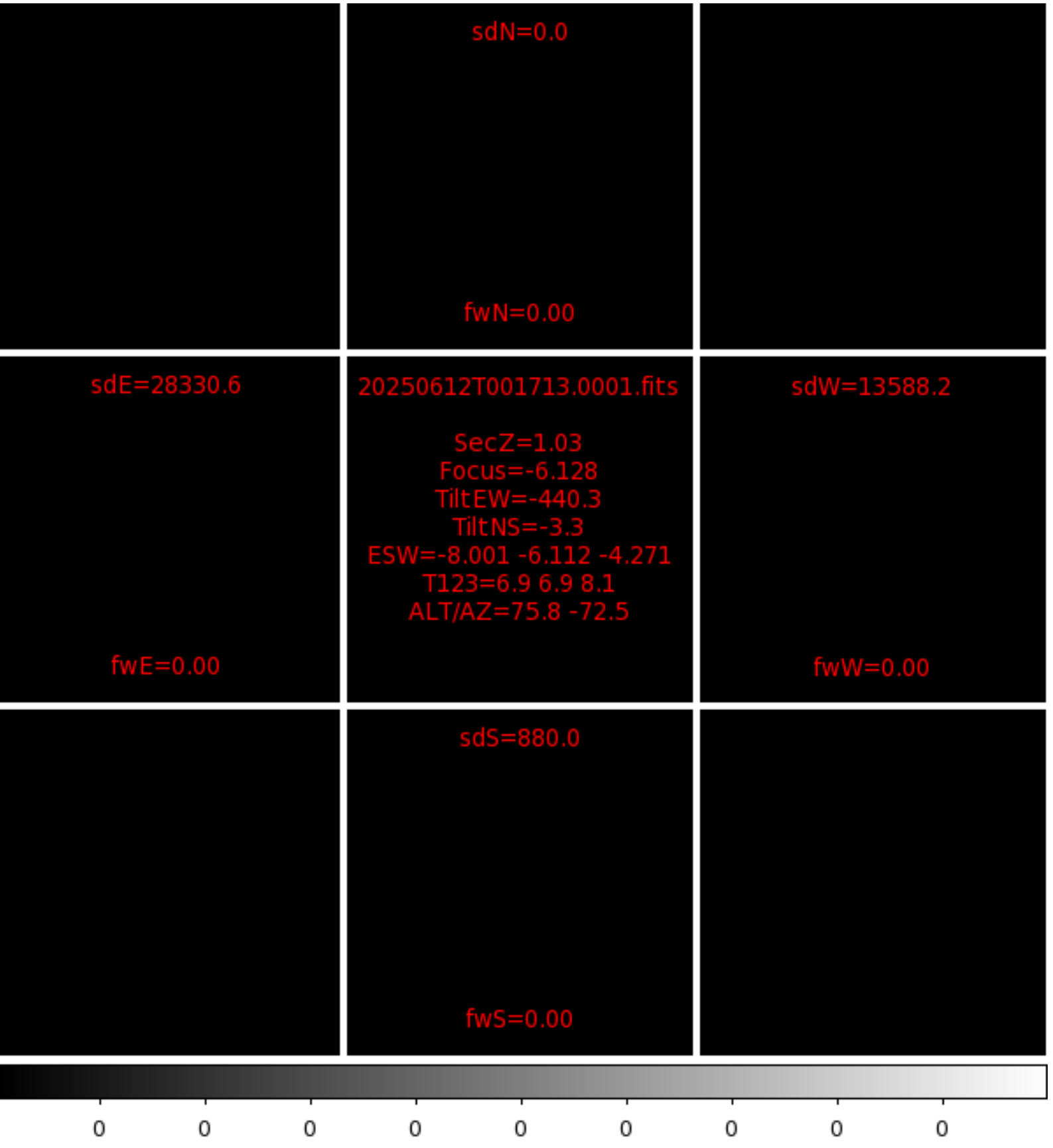
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sdE=28330.6
fwE=0.00
20250612T001713.0001.fits
SecZ=1.03
Focus=-6.128
TiltEW=-440.3
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ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.1
ALT/AZ=75.8 -72.5
sdW=13588.2
fwW=0.00
sdS=880.0
fwS=0.00
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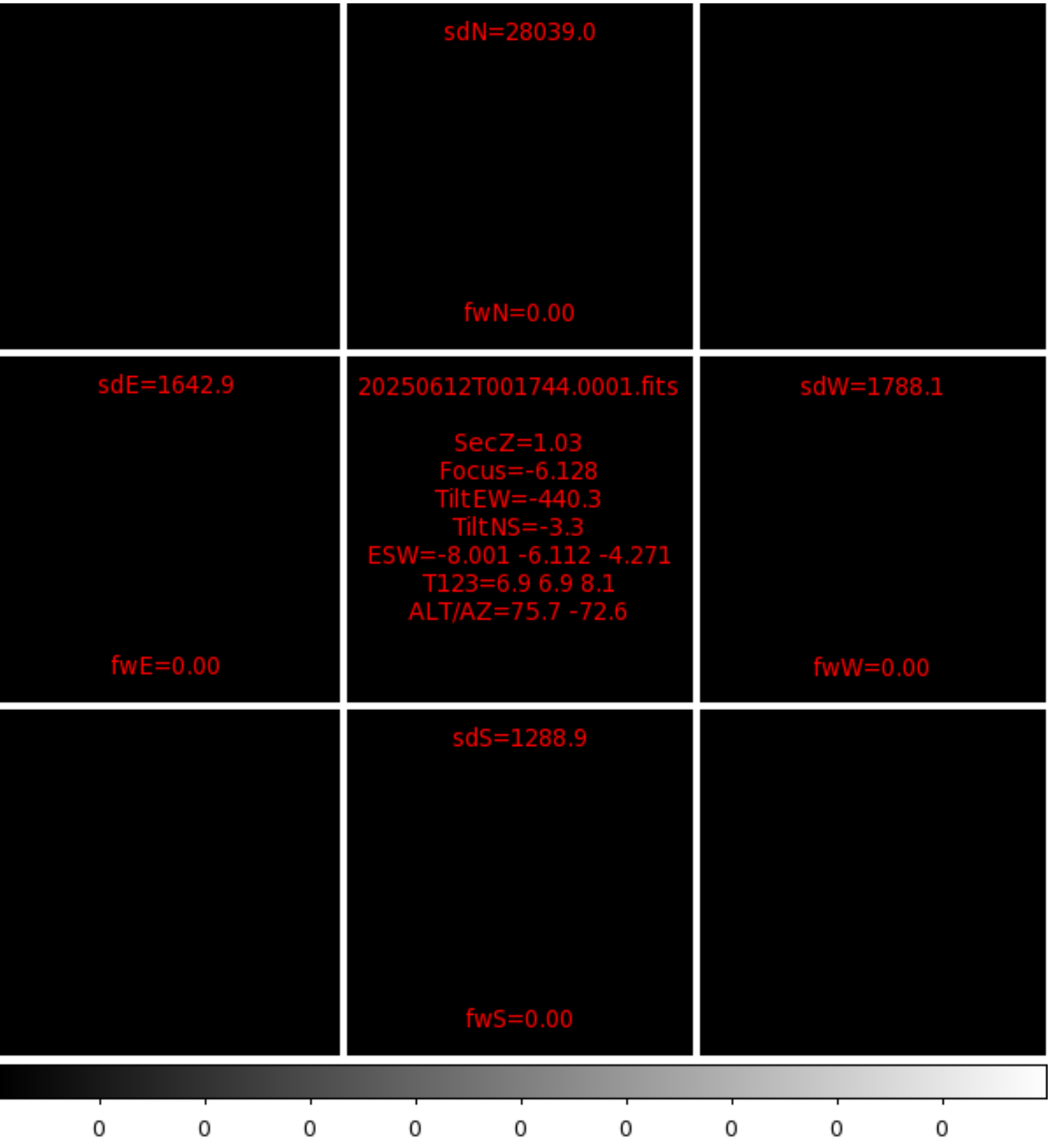
sdN=28039.0
fwN=0.00
sdE=1642.9
fwE=0.00
20250612T001744.0001.fits
SecZ=1.03
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.1
ALT/AZ=75.7 -72.6
sdW=1788.1
fwW=0.00
sdS=1288.9
fwS=0.00
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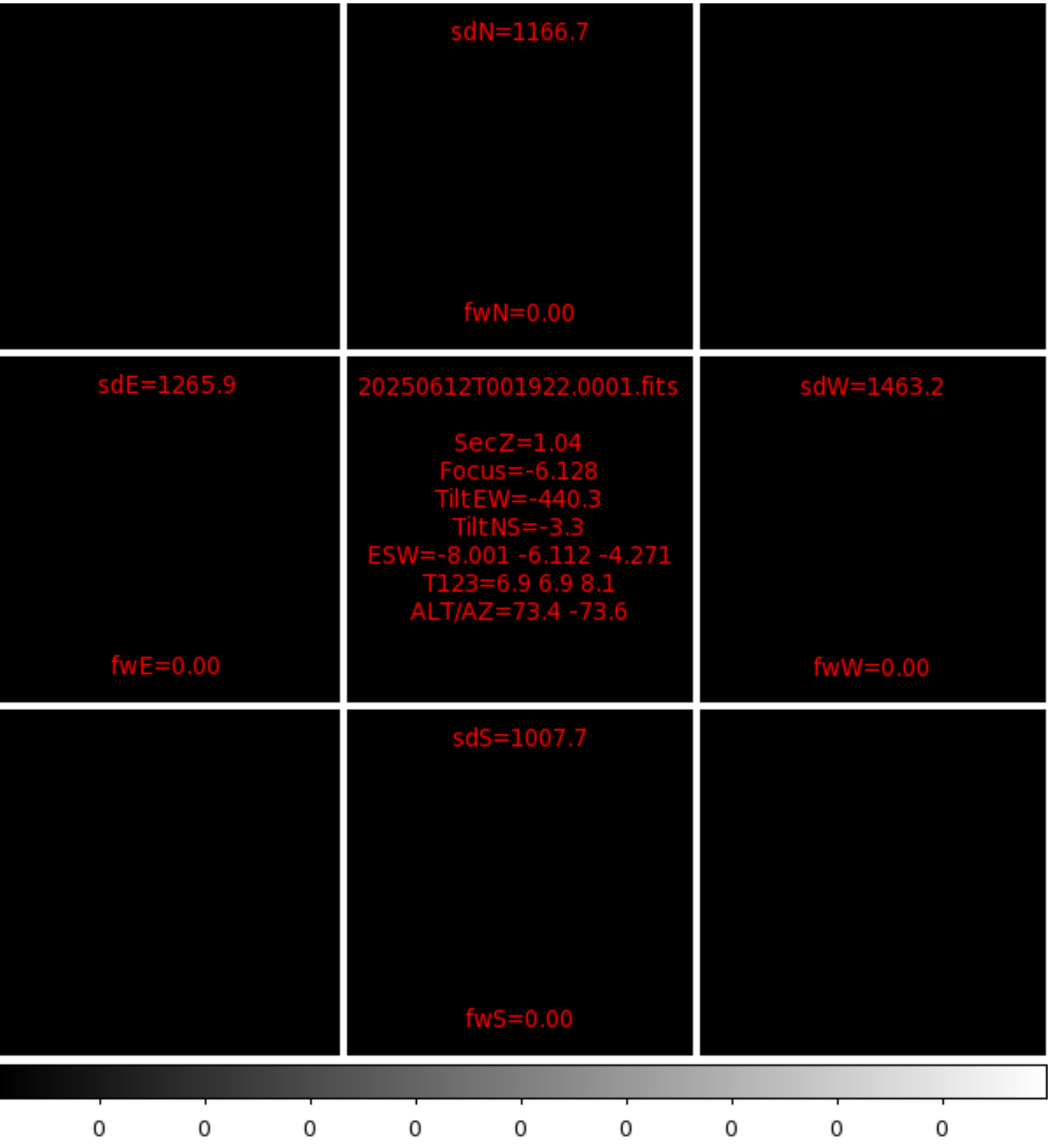
sdN=1166.7
fwN=0.00
sdE=1265.9
fwE=0.00
20250612T001922.0001.fits
SecZ=1.04
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.1
ALT/AZ=73.4 -73.6
sdW=1463.2
fwW=0.00
sdS=1007.7
fwS=0.00
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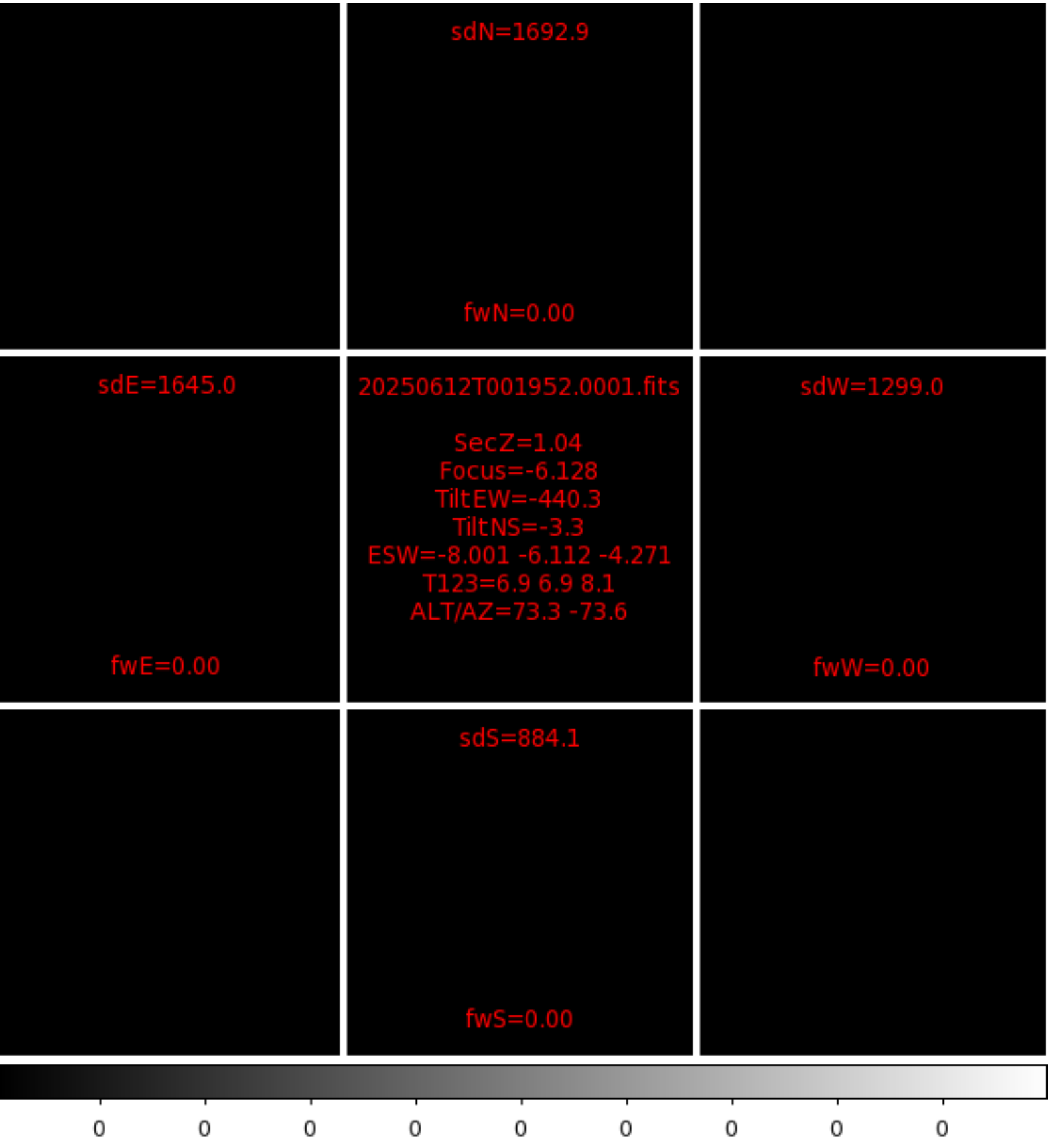
sdN=1692.9
fwN=0.00
sdE=1645.0
fwE=0.00
20250612T001952.0001.fits
SecZ=1.04
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.1
ALT/AZ=73.3 -73.6
sdW=1299.0
fwW=0.00
sdS=884.1
fwS=0.00
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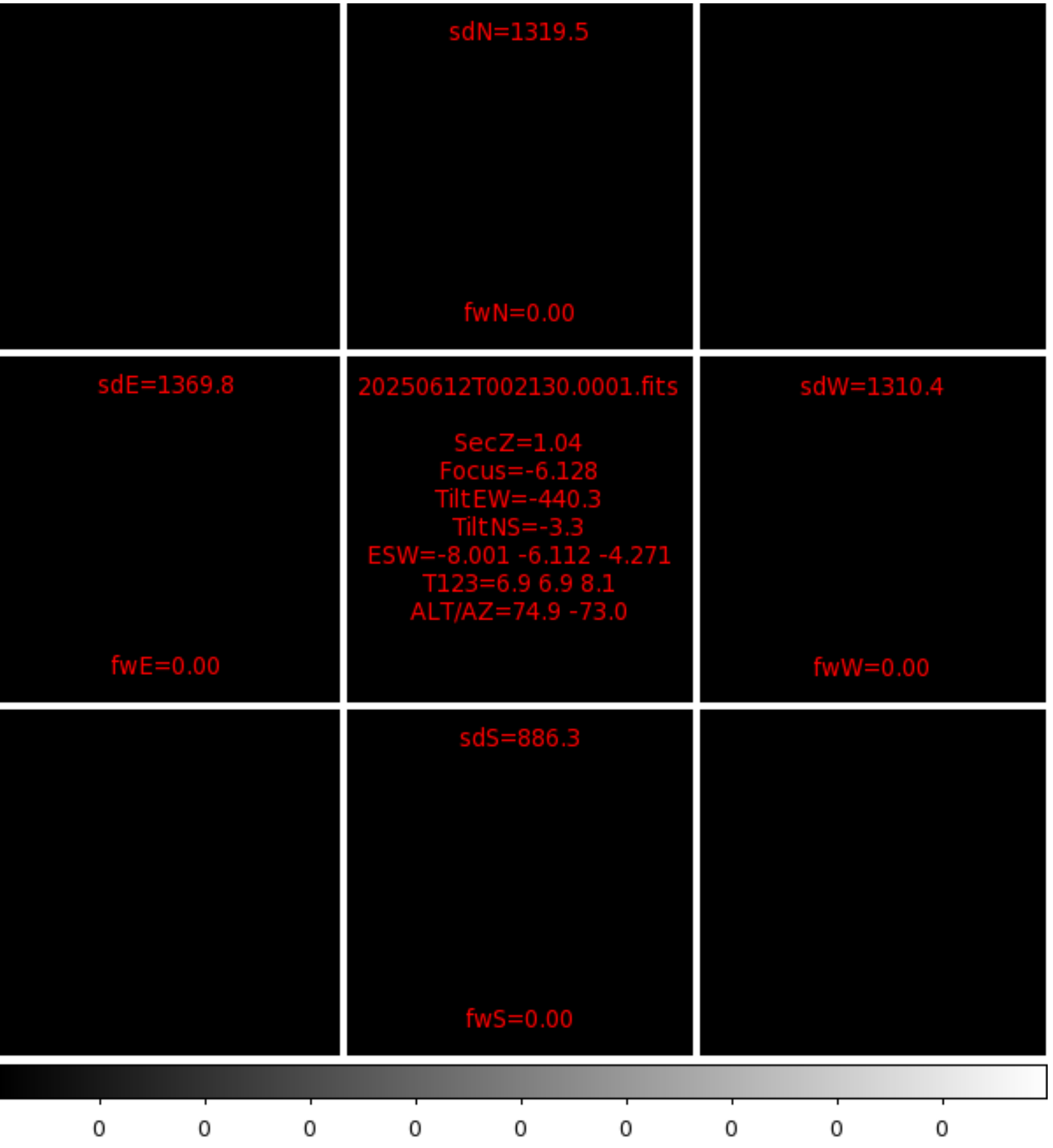
sdN=1319.5
fwN=0.00
sdE=1369.8
fwE=0.00
20250612T002130.0001.fits
SecZ=1.04
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.1
ALT/AZ=74.9 -73.0
sdW=1310.4
fwW=0.00
sdS=886.3
fwS=0.00
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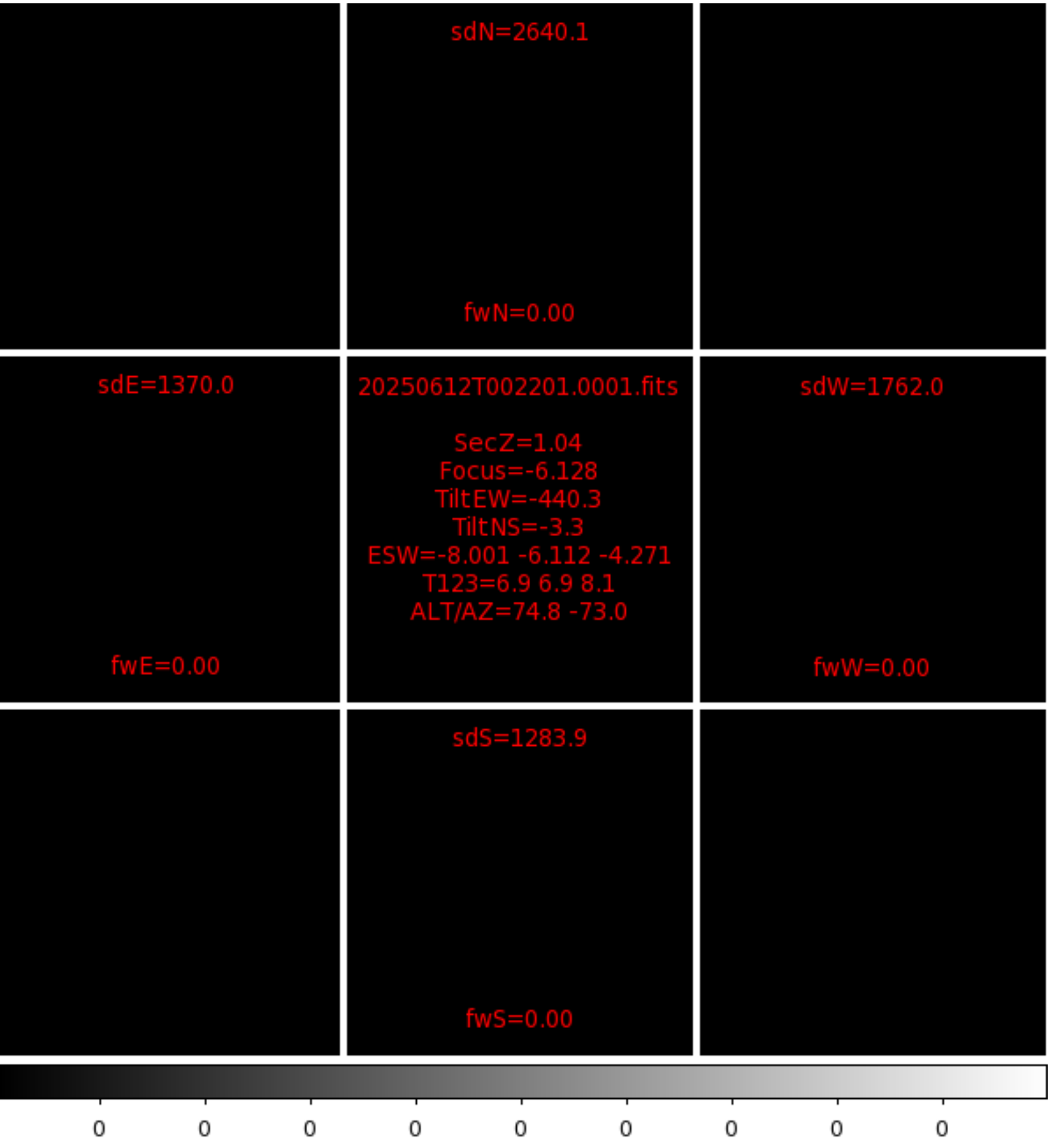
sdN=2640.1
fwN=0.00
sdE=1370.0
fwE=0.00
20250612T002201.0001.fits
SecZ=1.04
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.1
ALT/AZ=74.8 -73.0
sdW=1762.0
fwW=0.00
sdS=1283.9
fwS=0.00
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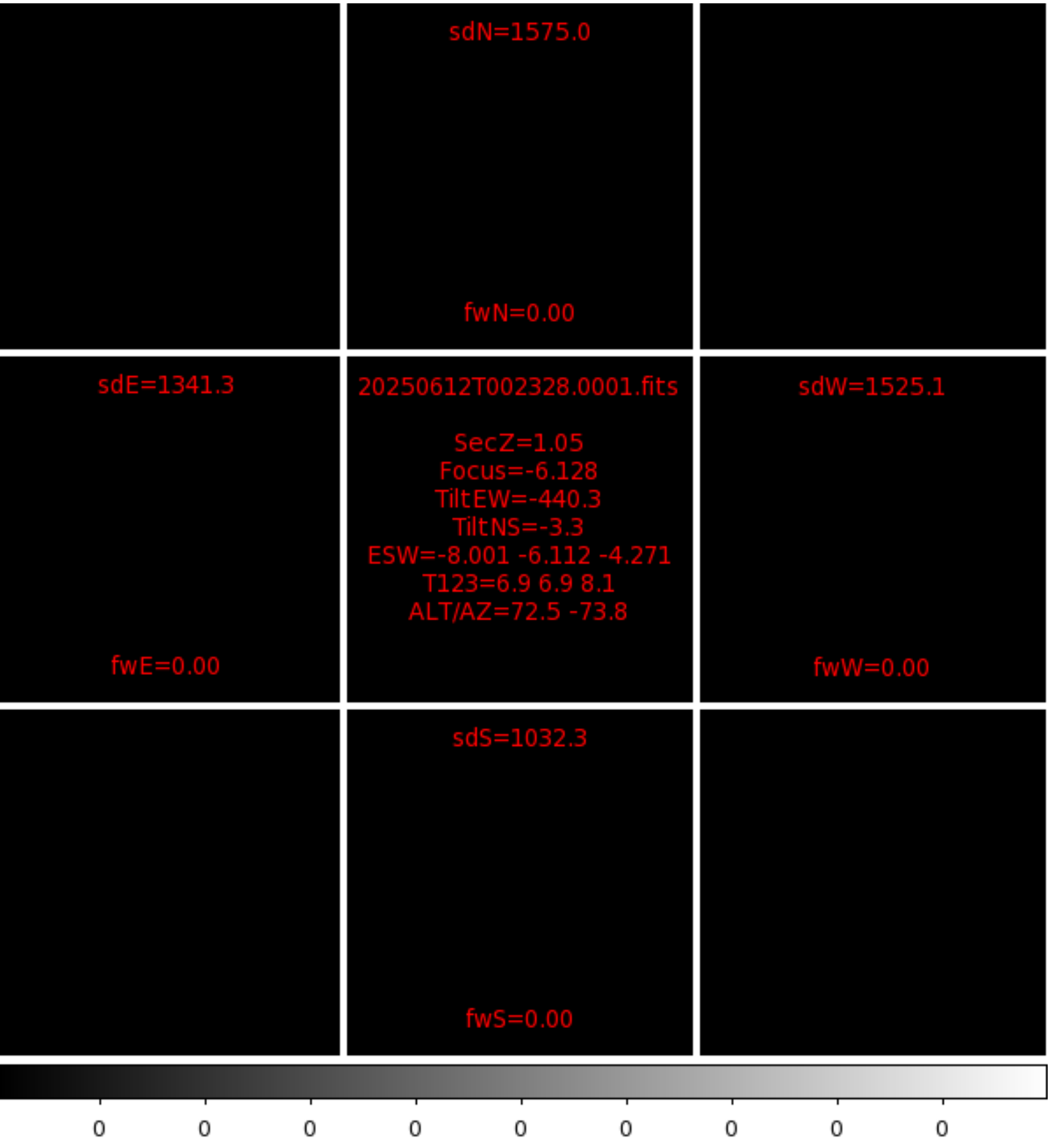
sdN=1575.0
fwN=0.00
sdE=1341.3
fwE=0.00
20250612T002328.0001.fits
SecZ=1.05
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.1
ALT/AZ=72.5 -73.8
sdW=1525.1
fwW=0.00
sdS=1032.3
fwS=0.00
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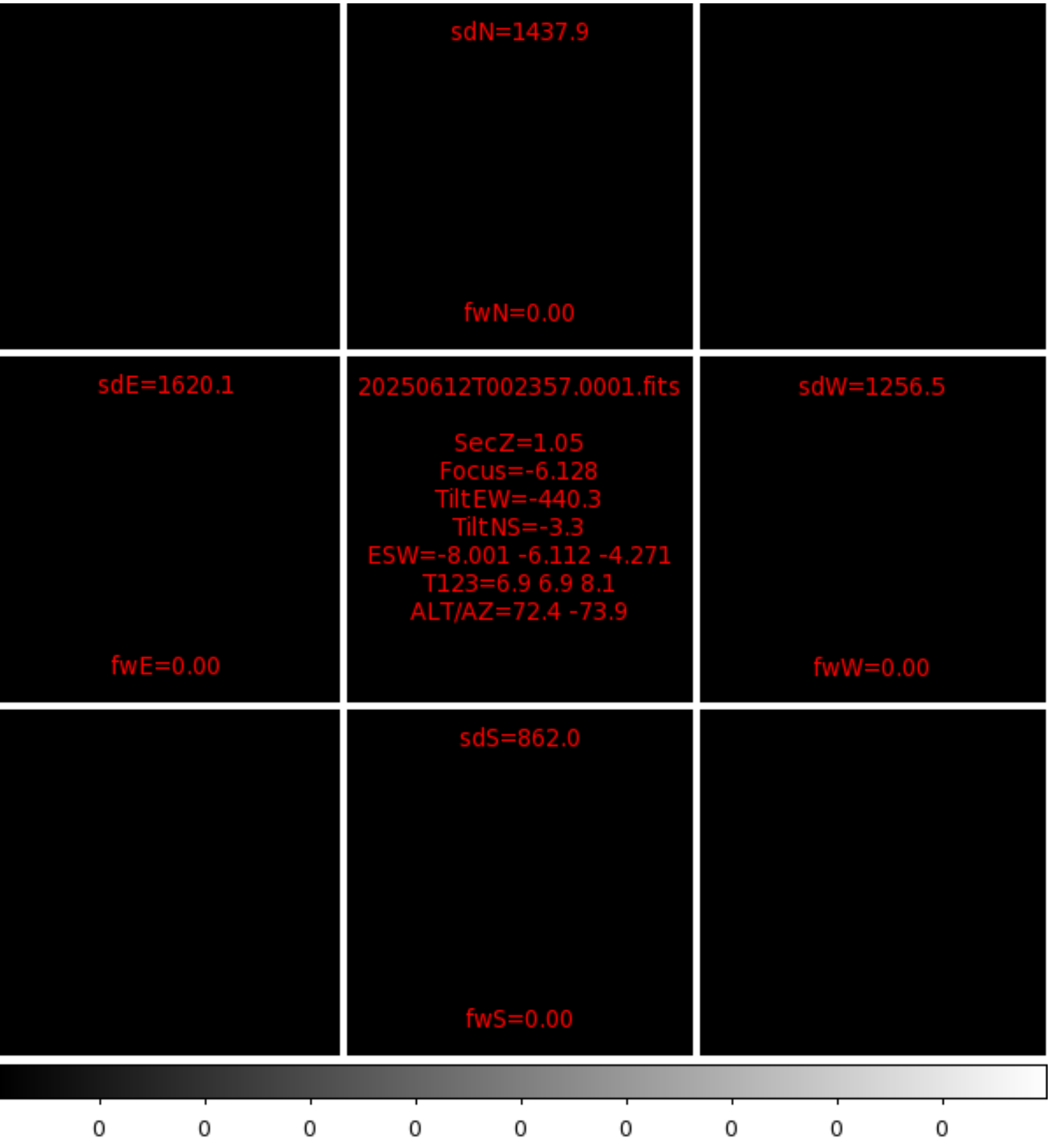
sdN=1437.9
fwN=0.00
sdE=1620.1
fwE=0.00
20250612T002357.0001.fits
SecZ=1.05
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.1
ALT/AZ=72.4 -73.9
sdW=1256.5
fwW=0.00
sdS=862.0
fwS=0.00
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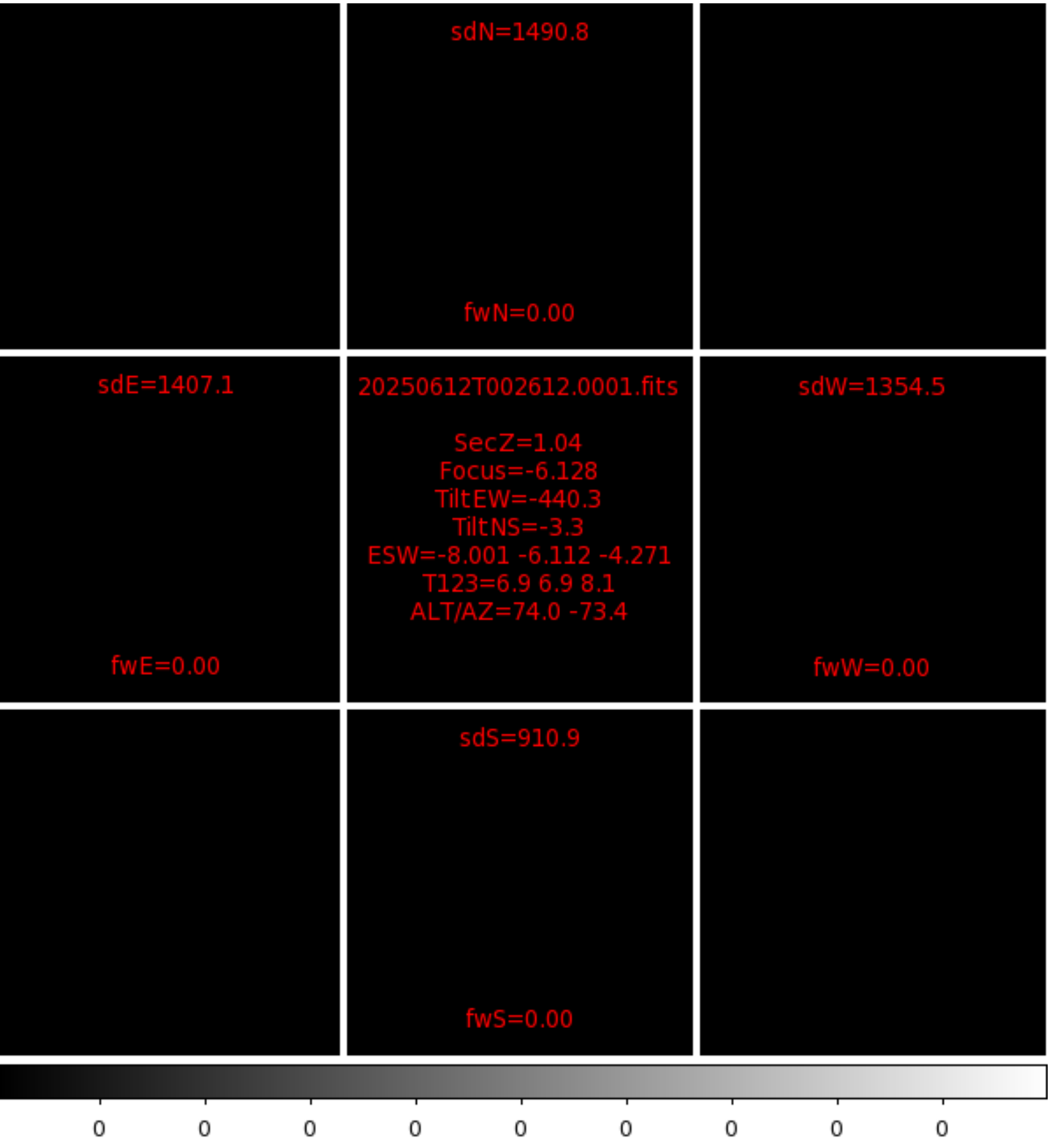
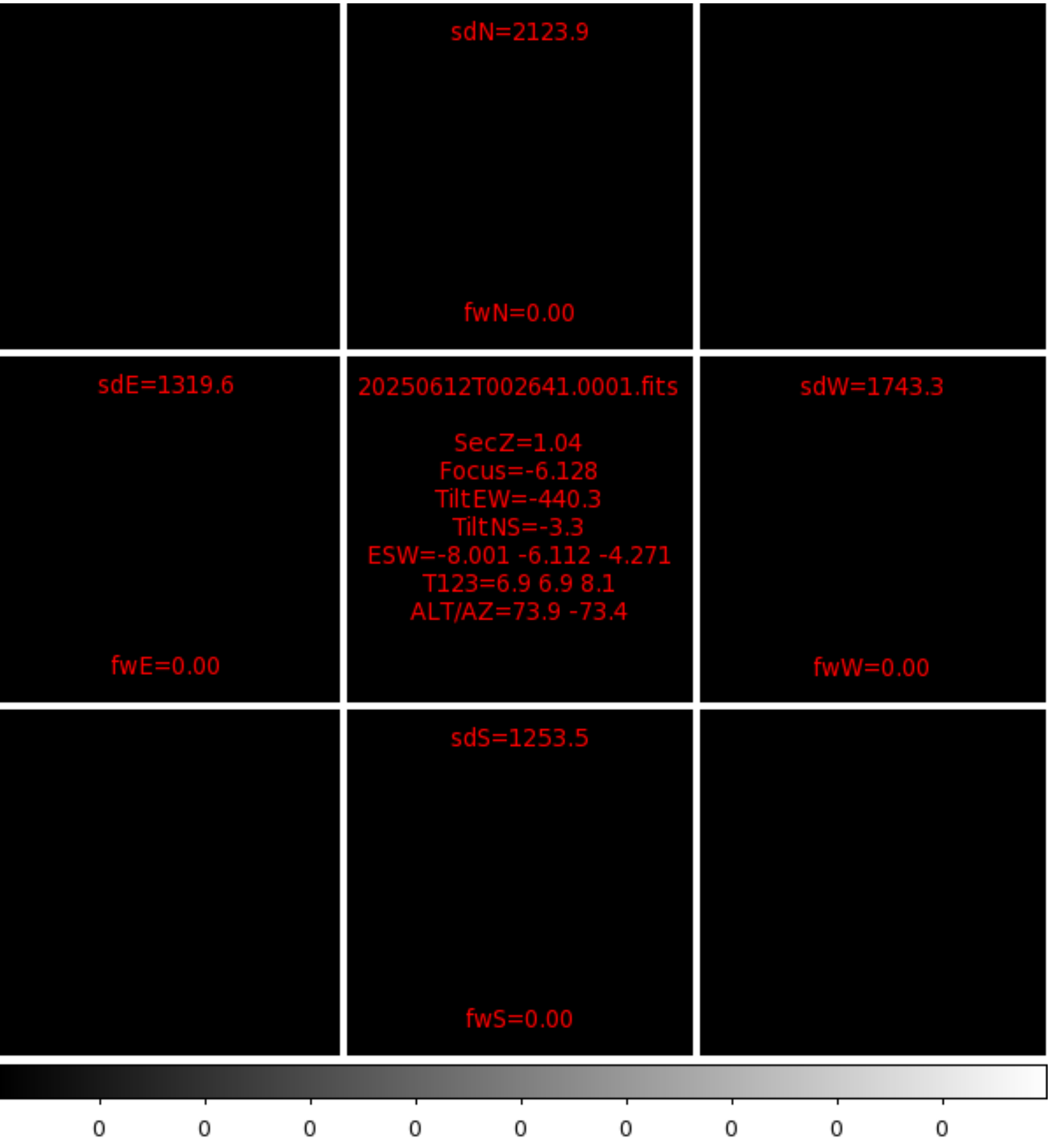

sdN=1490.8
fwN=0.00
sdE=1407.1
fwE=0.00
20250612T002612.0001.fits
SecZ=1.04
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.1
ALT/AZ=74.0 -73.4
sdW=1354.5
fwW=0.00
sdS=910.9
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=2123.9
fwN=0.00
sdE=1319.6
fwE=0.00
20250612T002641.0001.fits
SecZ=1.04
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.1
ALT/AZ=73.9 -73.4
sdW=1743.3
fwW=0.00
sdS=1253.5
fwS=0.00
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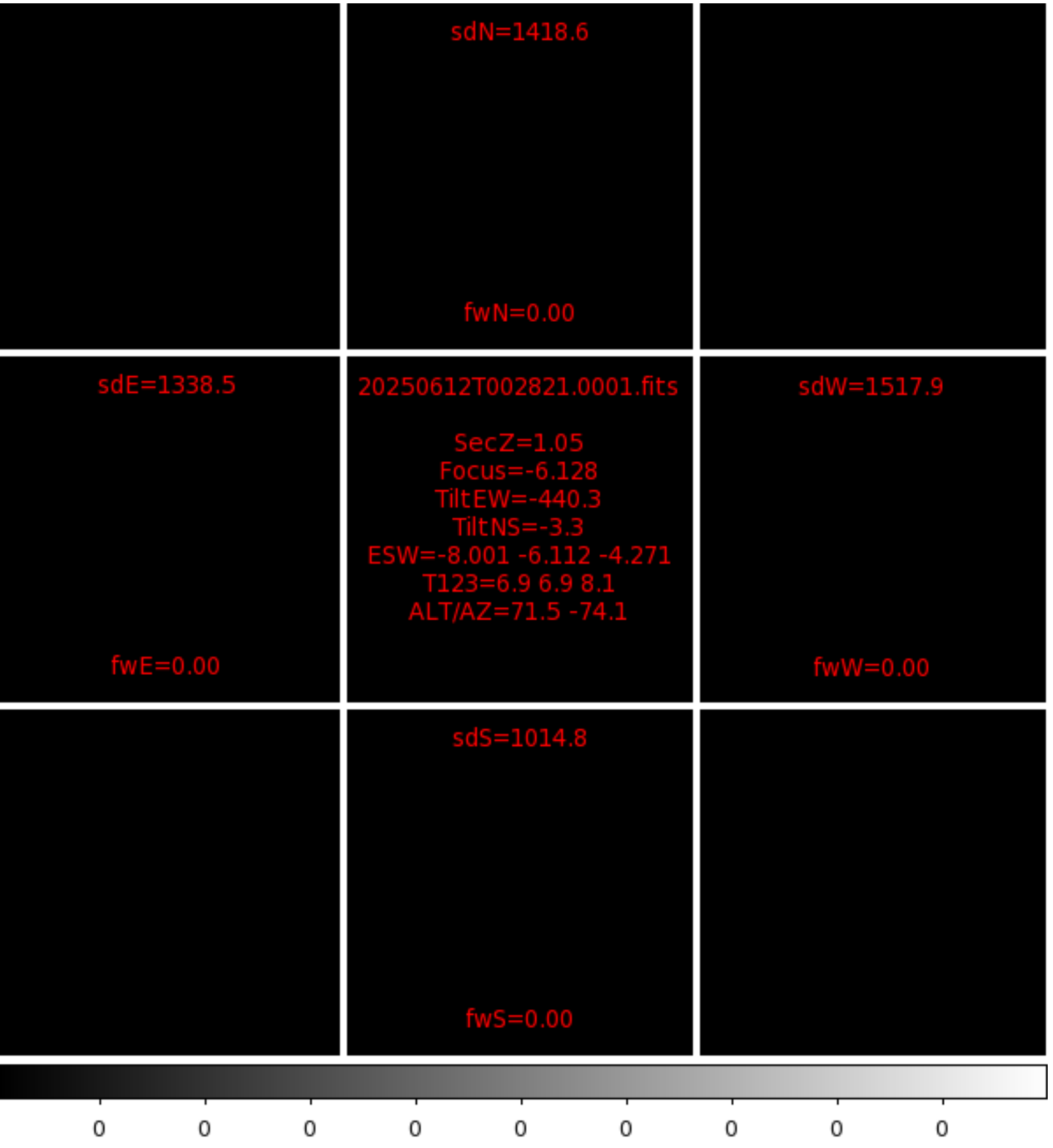
sdN=1418.6
fwN=0.00
sdE=1338.5
fwE=0.00
20250612T002821.0001.fits
SecZ=1.05
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.1
ALT/AZ=71.5 -74.1
sdW=1517.9
fwW=0.00
sdS=1014.8
fwS=0.00
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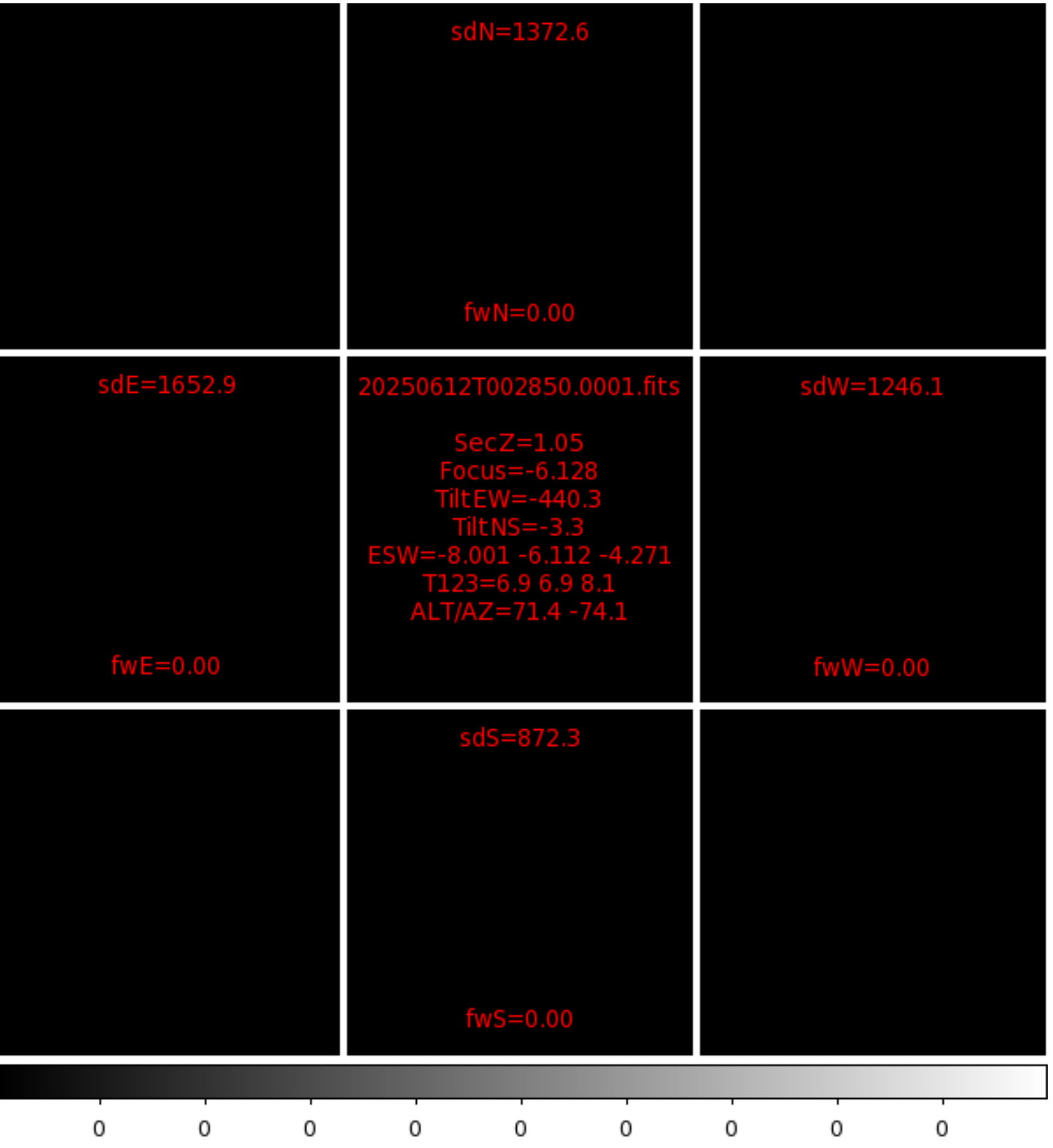
sdN=1372.6
fwN=0.00
sdE=1652.9
fwE=0.00
20250612T002850.0001.fits
SecZ=1.05
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.1
ALT/AZ=71.4 -74.1
sdW=1246.1
fwW=0.00
sdS=872.3
fwS=0.00
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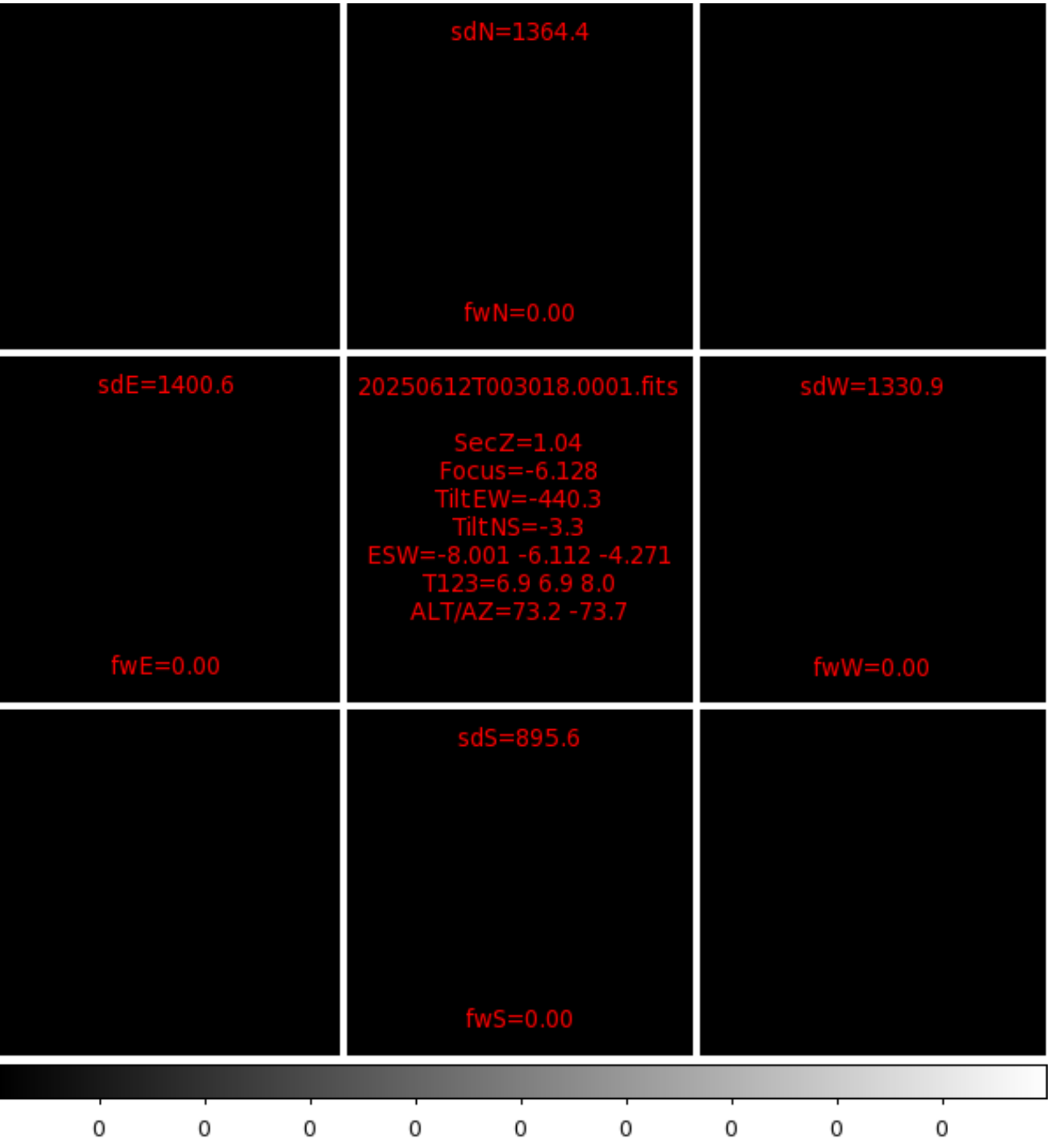
sdN=1364.4
fwN=0.00
sdE=1400.6
fwE=0.00
20250612T003018.0001.fits
SecZ=1.04
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.0
ALT/AZ=73.2 -73.7
sdW=1330.9
fwW=0.00
sdS=895.6
fwS=0.00
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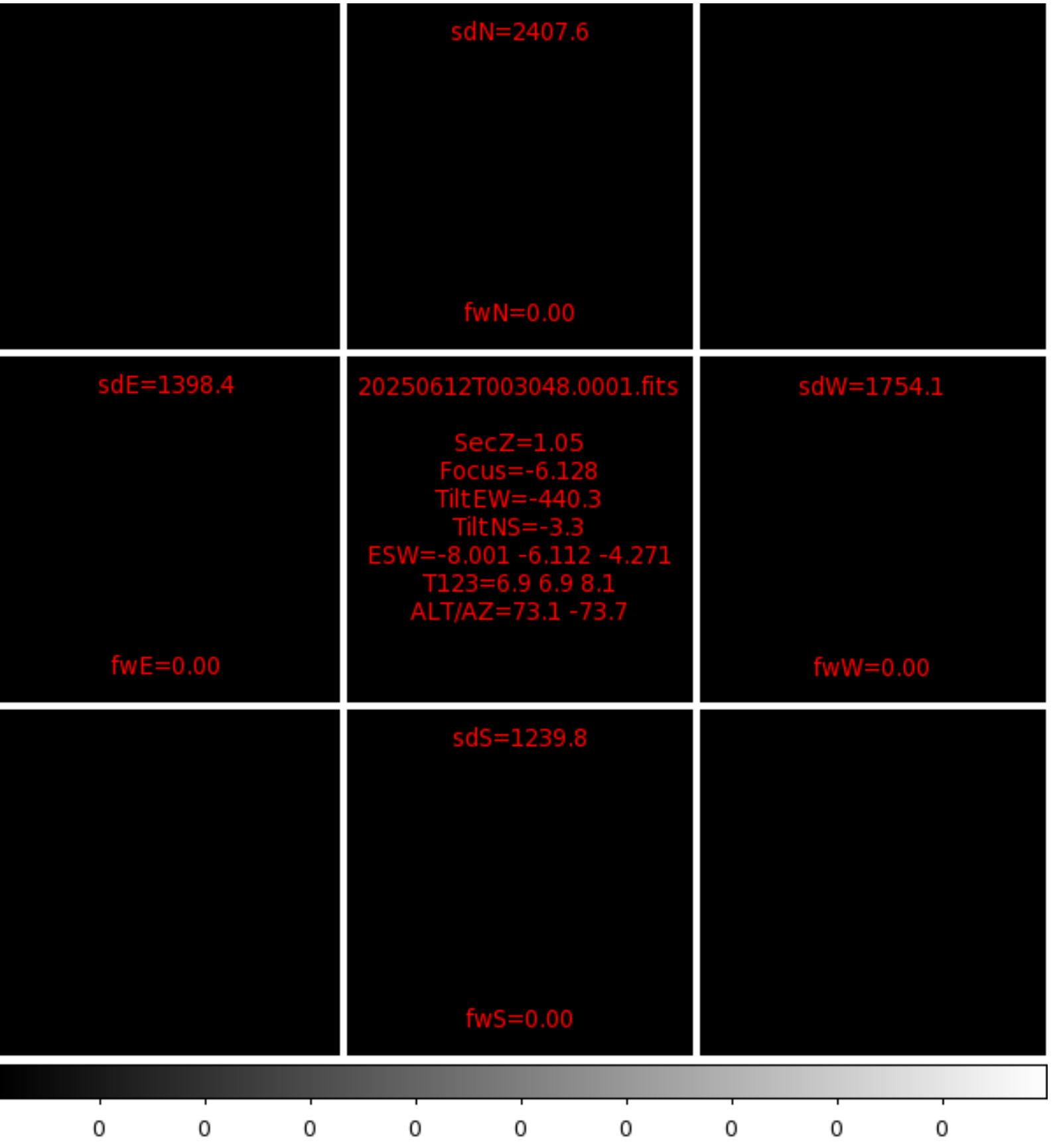
sdN=2407.6
fwN=0.00
sdE=1398.4
fwE=0.00
20250612T003048.0001.fits
SecZ=1.05
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.9 6.9 8.1
ALT/AZ=73.1 -73.7
sdW=1754.1
fwW=0.00
sdS=1239.8
fwS=0.00
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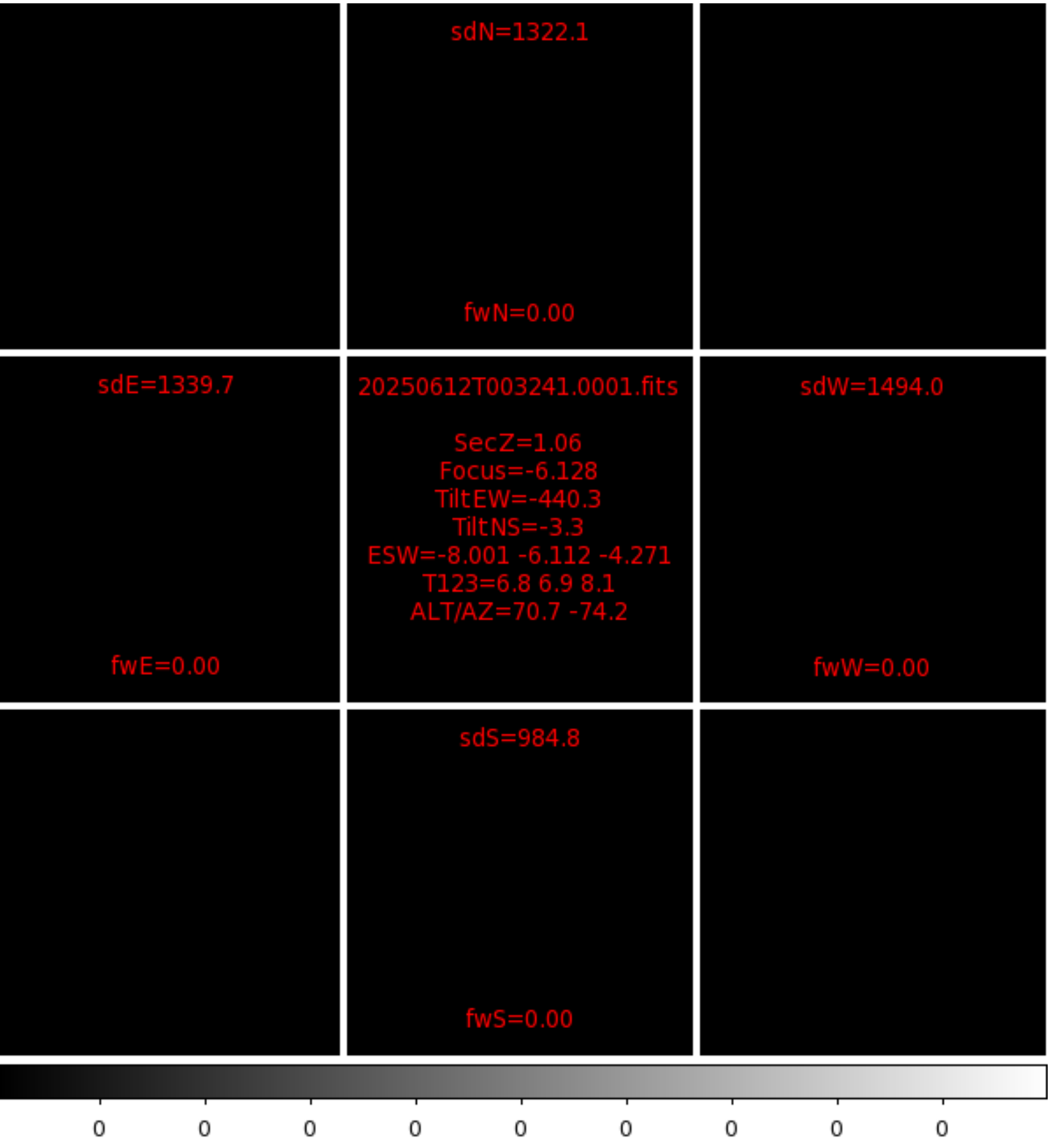
sdN=1322.1
fwN=0.00
sdE=1339.7
fwE=0.00
20250612T003241.0001.fits
SecZ=1.06
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.8 6.9 8.1
ALT/AZ=70.7 -74.2
sdW=1494.0
fwW=0.00
sdS=984.8
fwS=0.00
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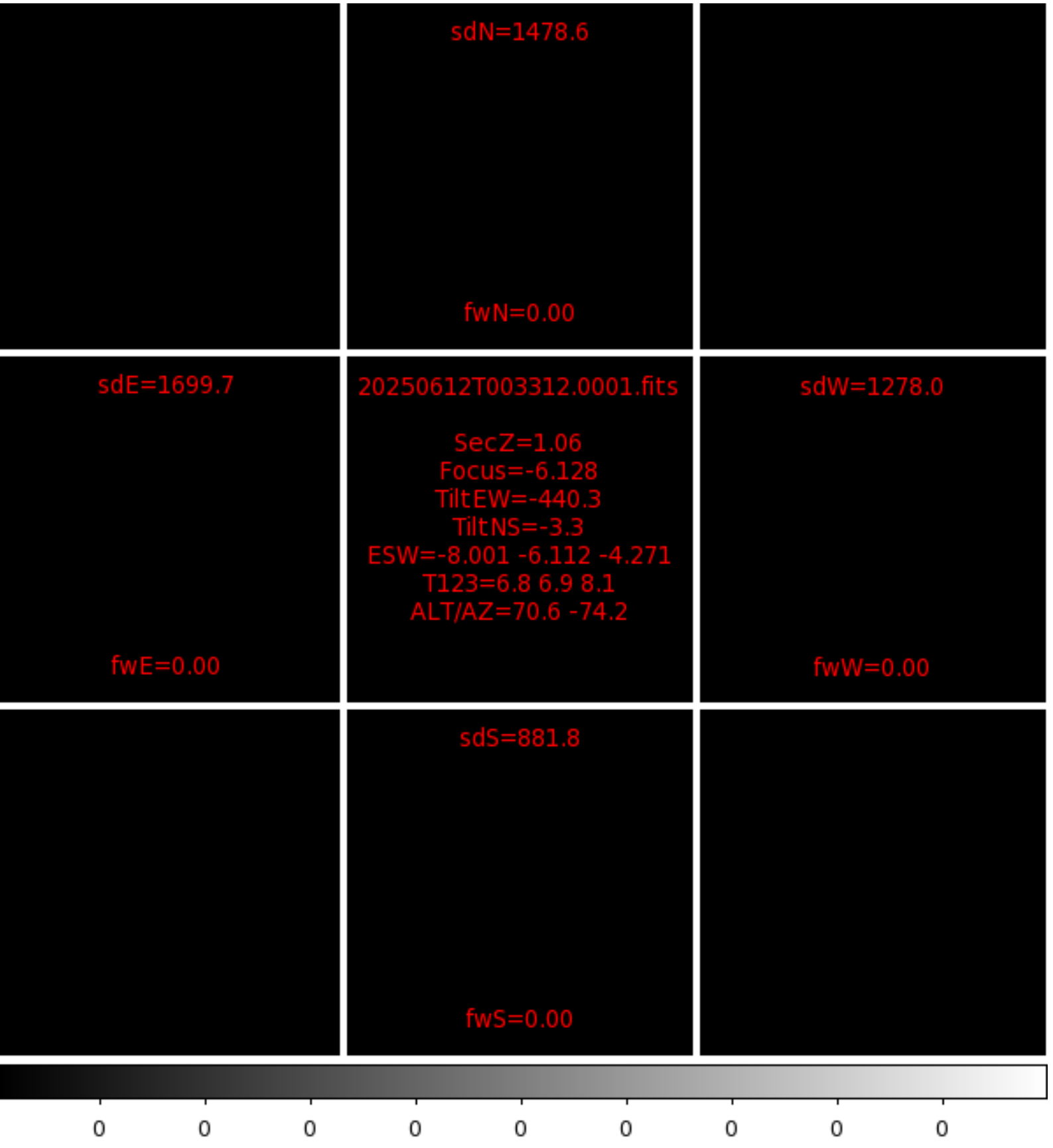
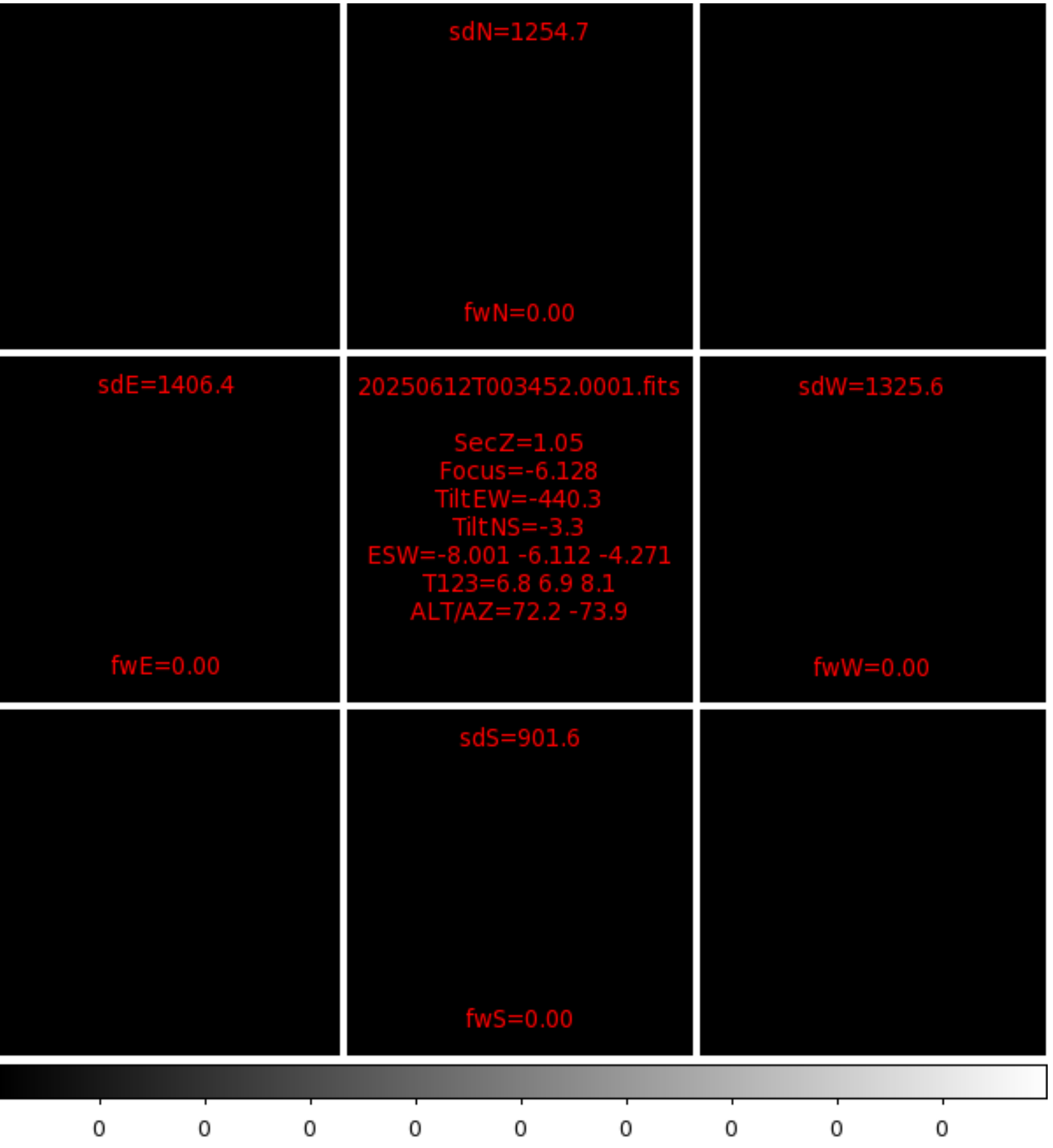

sdN=1478.6
fwN=0.00
sdE=1699.7
fwE=0.00
20250612T003312.0001.fits
SecZ=1.06
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.8 6.9 8.1
ALT/AZ=70.6 -74.2
sdW=1278.0
fwW=0.00
sdS=881.8
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=1254.7
fwN=0.00
sdE=1406.4
fwE=0.00
20250612T003452.0001.fits
SecZ=1.05
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.8 6.9 8.1
ALT/AZ=72.2 -73.9
sdW=1325.6
fwW=0.00
sdS=901.6
fwS=0.00
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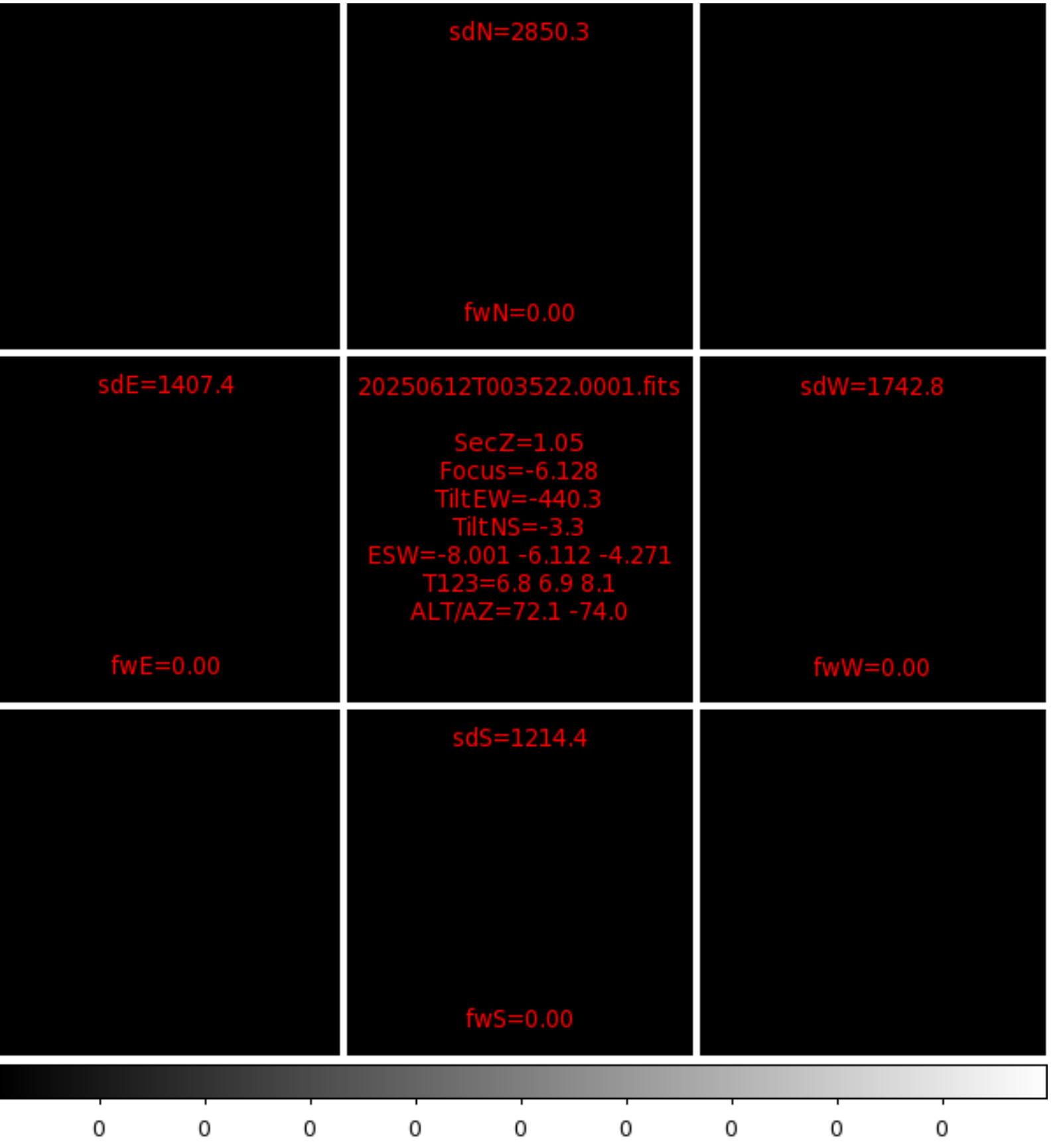
sdN=2850.3
fwN=0.00
sdE=1407.4
fwE=0.00
20250612T003522.0001.fits
SecZ=1.05
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.8 6.9 8.1
ALT/AZ=72.1 -74.0
sdW=1742.8
fwW=0.00
sdS=1214.4
fwS=0.00
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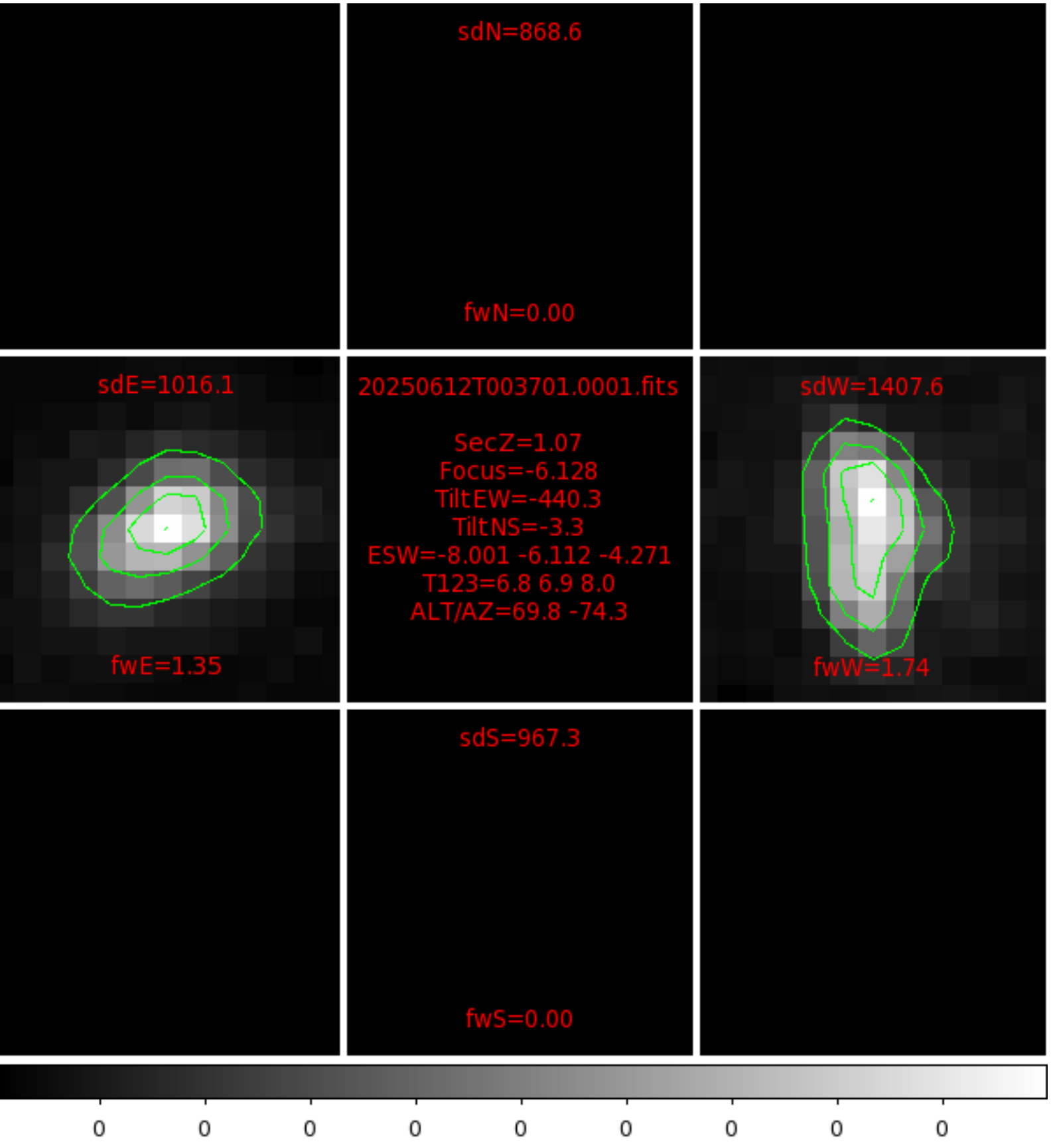
sdN=868.6
fwN=0.00
sdE=1016.1
fwE=1.35
20250612T003701.0001.fits
SecZ=1.07
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.8 6.9 8.0
ALT/AZ=69.8 -74.3
sdW=1407.6
fwW=1.74
sdS=967.3
fwS=0.00
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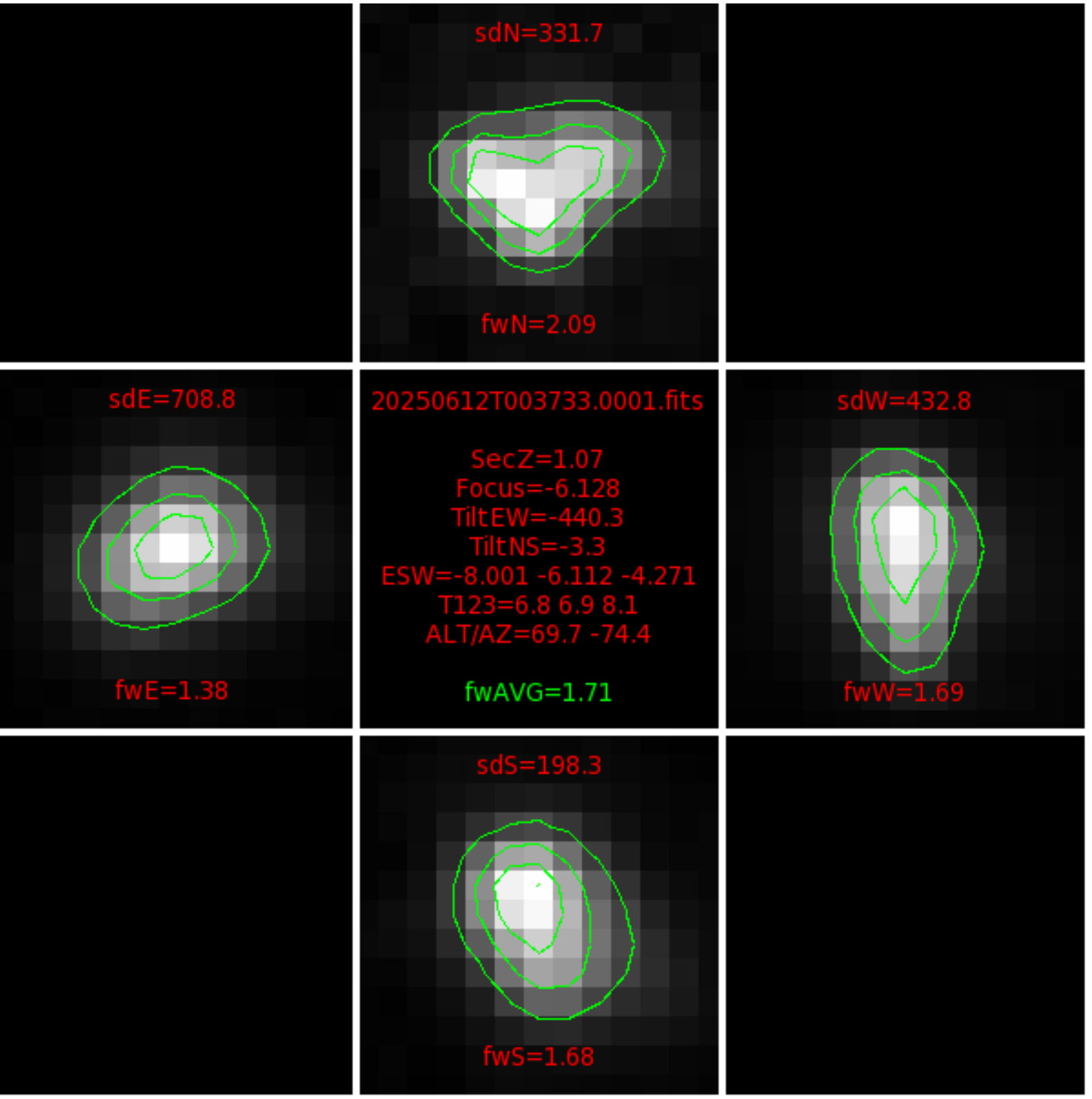
sdN=331.7
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sdE=708.8
fwE=1.38
20250612T003733.0001.fits
SecZ=1.07
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.8 6.9 8.1
ALT/AZ=69.7 -74.4
fwAVG=1.71
sdW=432.8
fwW=1.69
sdS=198.3
fwS=1.68
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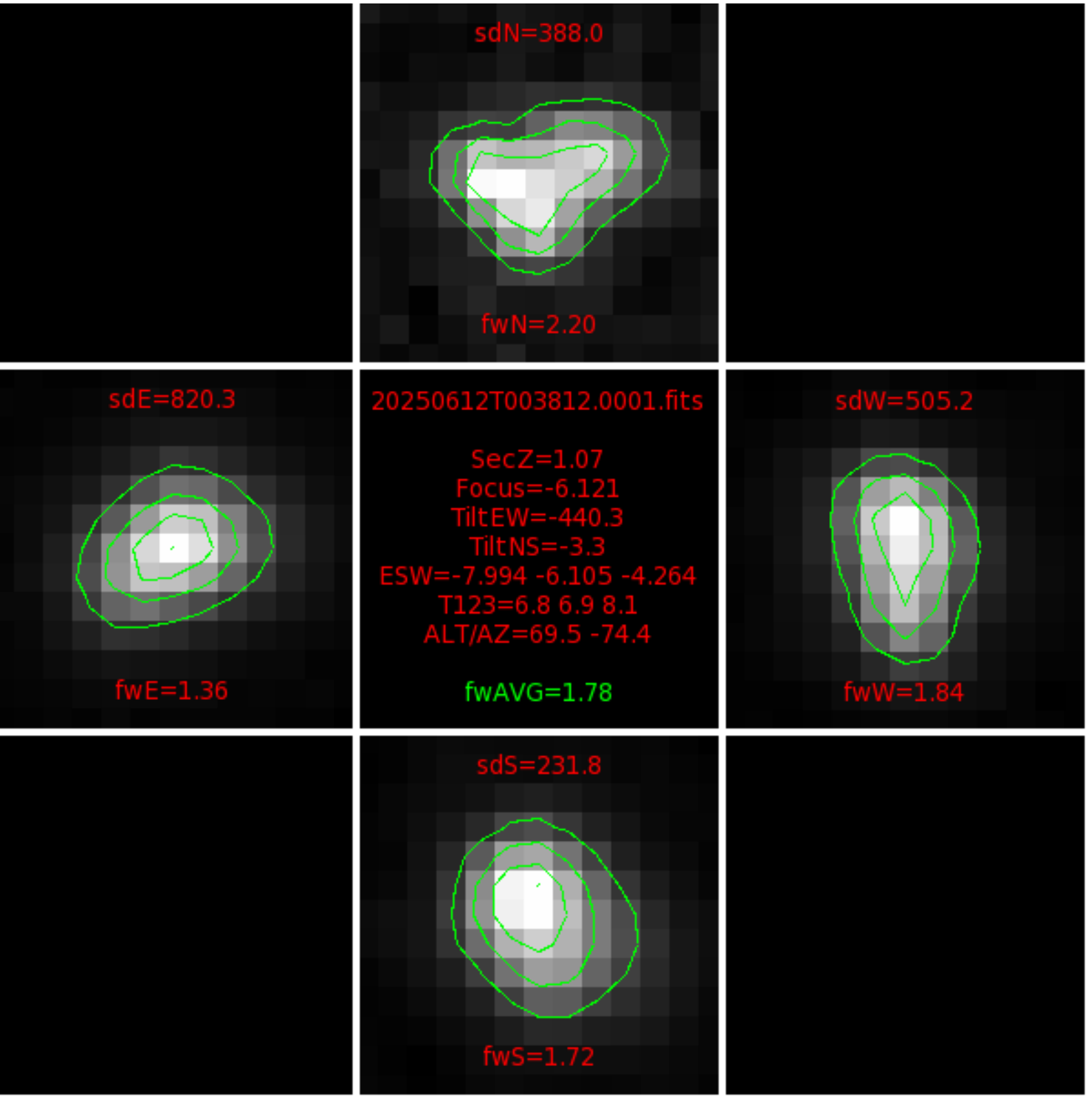
sdN=388.0
fwN=2.20
sdE=820.3
fwE=1.36
20250612T003812.0001.fits
SecZ=1.07
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.9 8.1
ALT/AZ=69.5 -74.4
fwAVG=1.78
sdW=505.2
fwW=1.84
sdS=231.8
fwS=1.72
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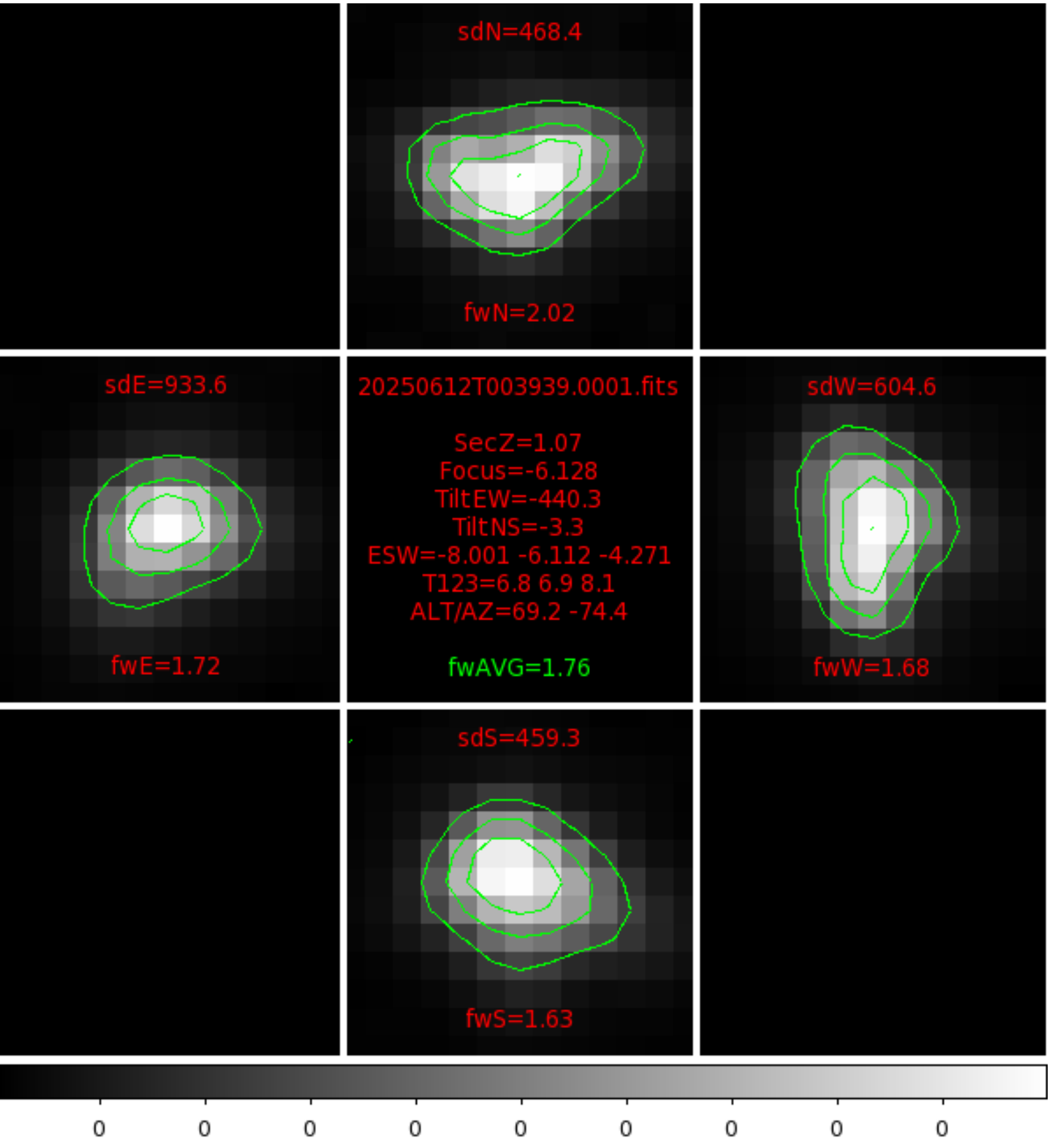
sdN=468.4
fwN=2.02
sdE=933.6
fwE=1.72
20250612T003939.0001.fits
SecZ=1.07
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.8 6.9 8.1
ALT/AZ=69.2 -74.4
fwAVG=1.76
sdW=604.6
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sdS=459.3
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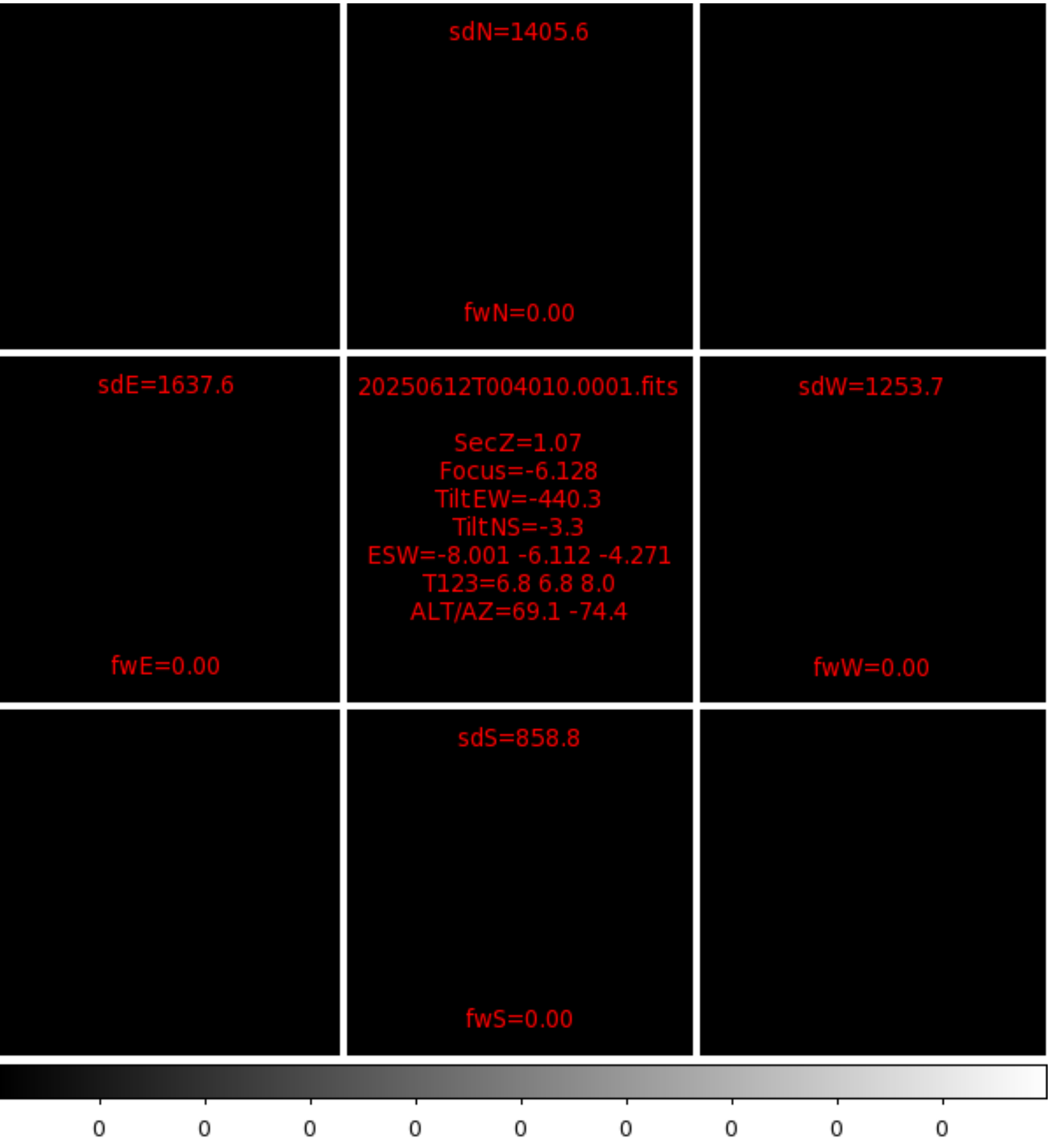
sdN=1405.6
fwN=0.00
sdE=1637.6
fwE=0.00
20250612T004010.0001.fits
SecZ=1.07
Focus=-6.128
TiltEW=-440.3
TiltNS=-3.3
ESW=-8.001 -6.112 -4.271
T123=6.8 6.8 8.0
ALT/AZ=69.1 -74.4
sdW=1253.7
fwW=0.00
sdS=858.8
fwS=0.00
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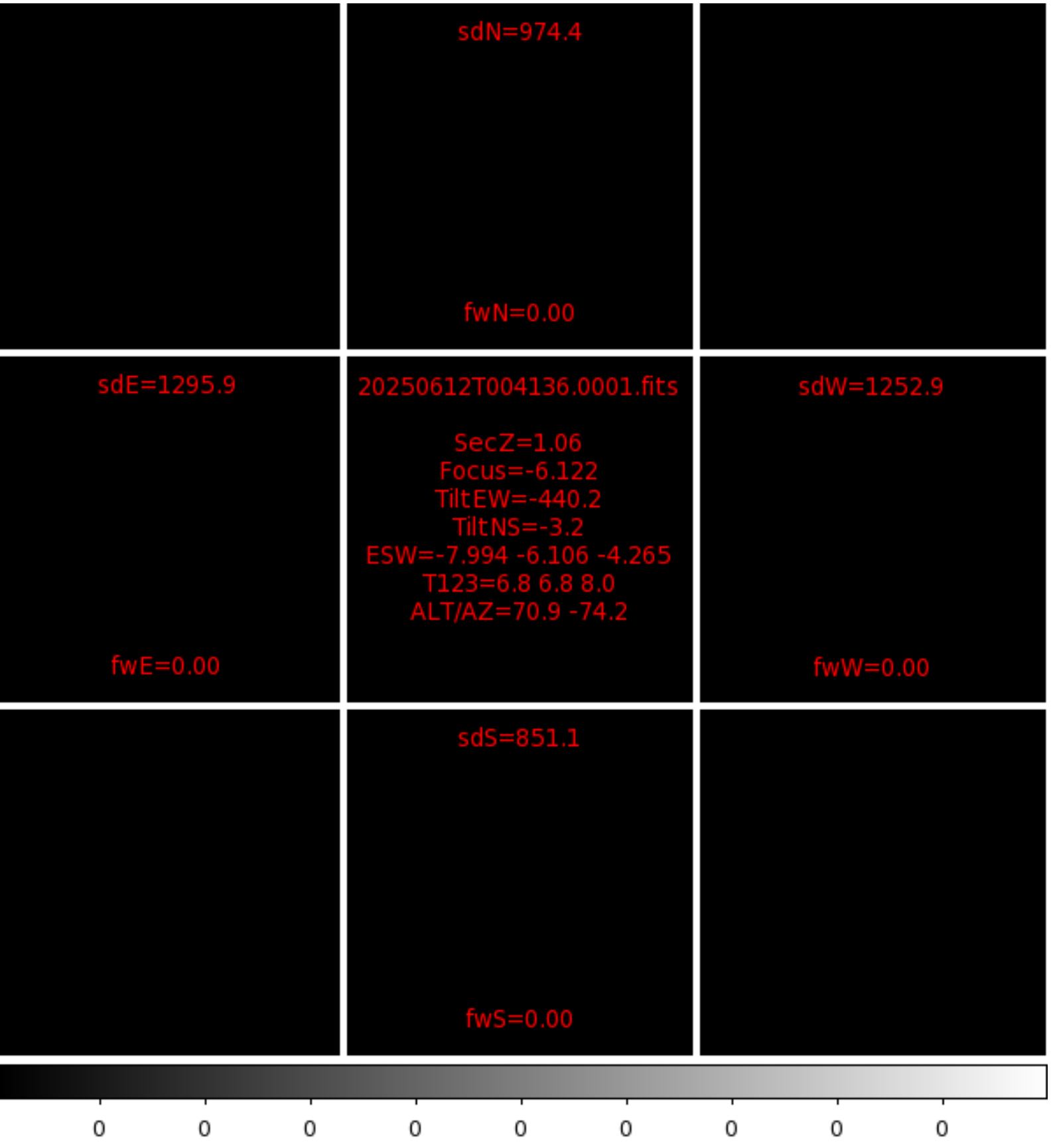
sdN=974.4
fwN=0.00
sdE=1295.9
fwE=0.00
20250612T004136.0001.fits
SecZ=1.06
Focus=-6.122
TiltEW=-440.2
TiltNS=-3.2
ESW=-7.994 -6.106 -4.265
T123=6.8 6.8 8.0
ALT/AZ=70.9 -74.2
sdW=1252.9
fwW=0.00
sdS=851.1
fwS=0.00
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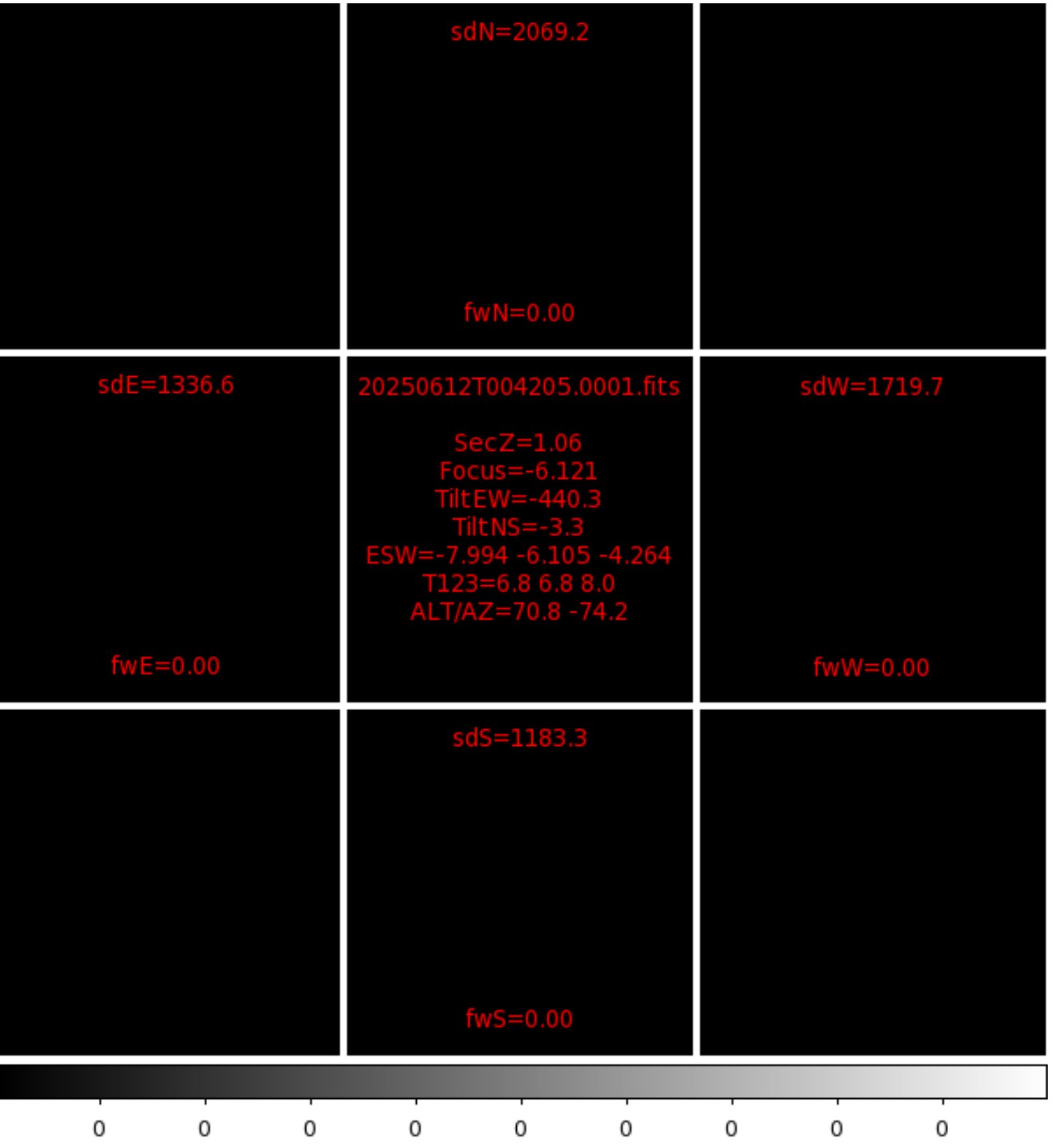
sdN=2069.2
fwN=0.00
sdE=1336.6
fwE=0.00
20250612T004205.0001.fits
SecZ=1.06
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=70.8 -74.2
sdW=1719.7
fwW=0.00
sdS=1183.3
fwS=0.00
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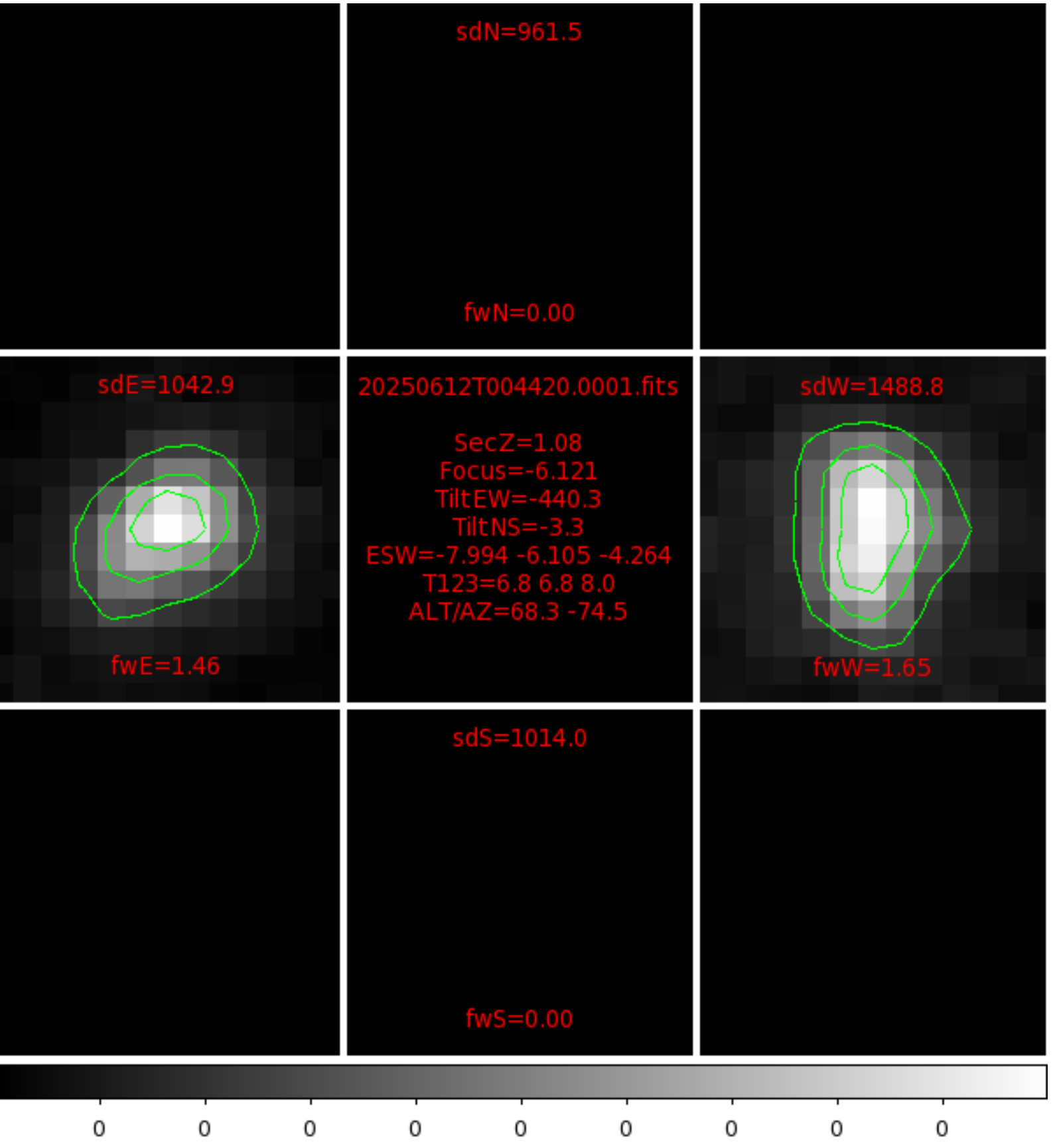
sdN=961.5
fwN=0.00
sdE=1042.9
fwE=1.46
20250612T004420.0001.fits
SecZ=1.08
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=68.3 -74.5
sdW=1488.8
fwW=1.65
sdS=1014.0
fwS=0.00
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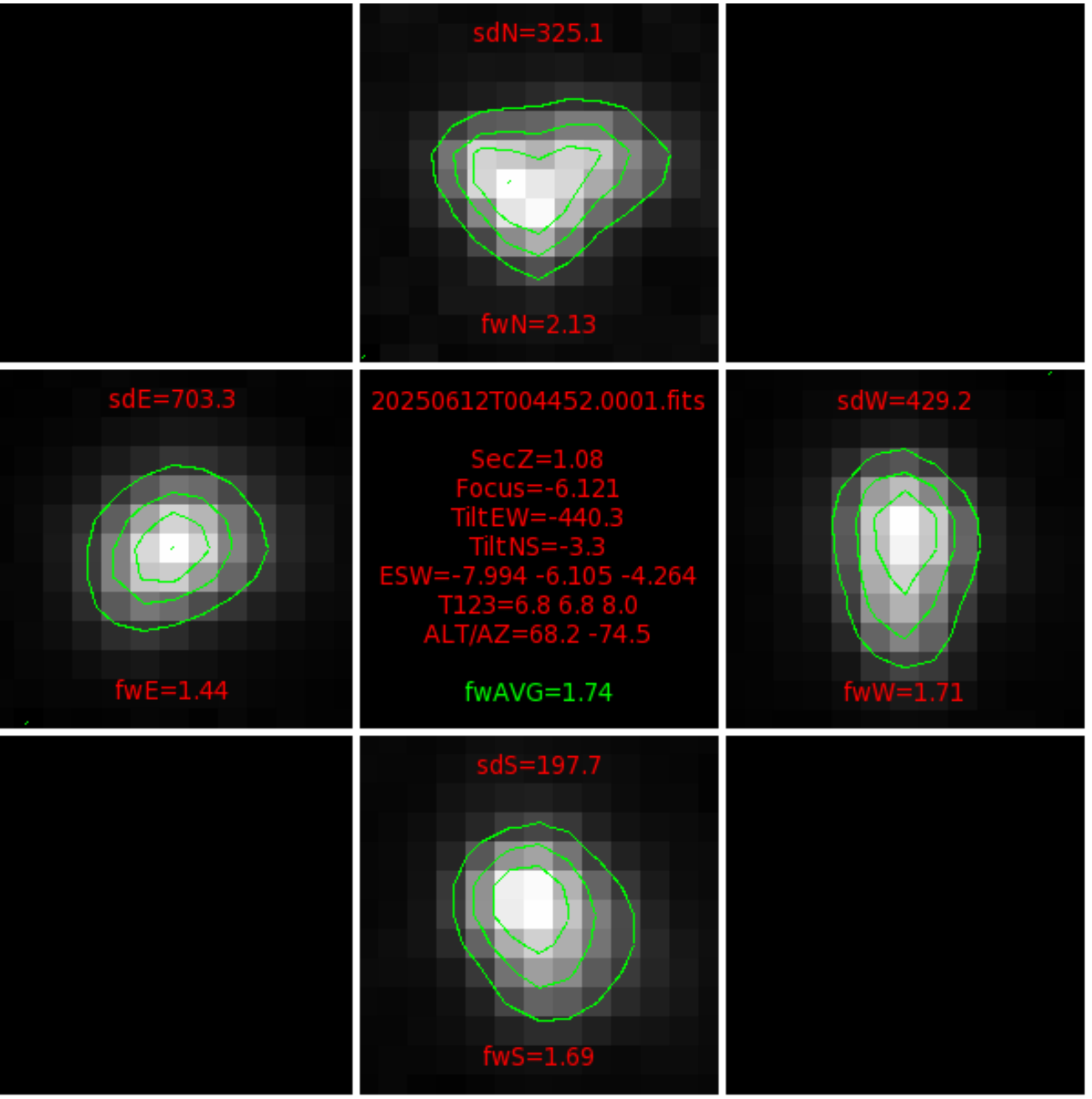
sdN=325.1
fwN=2.13
sdE=703.3
fwE=1.44
20250612T004452.0001.fits
SecZ=1.08
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=68.2 -74.5
fwAVG=1.74
sdW=429.2
fwW=1.71
sdS=197.7
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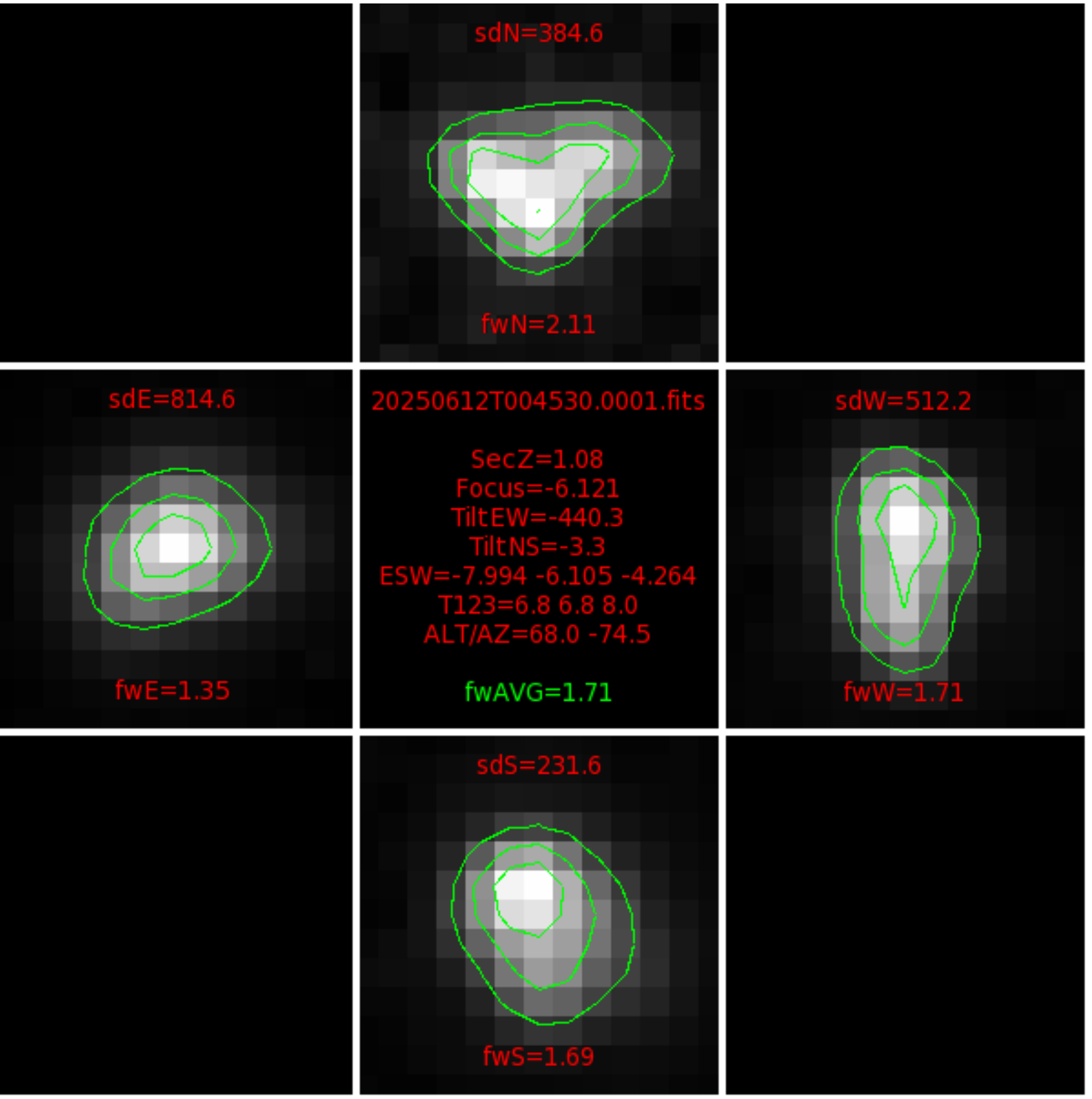
sdN=384.6
fwN=2.11
sdE=814.6
fwE=1.35
20250612T004530.0001.fits
SecZ=1.08
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=68.0 -74.5
fwAVG=1.71
sdW=512.2
fwW=1.71
sdS=231.6
fwS=1.69
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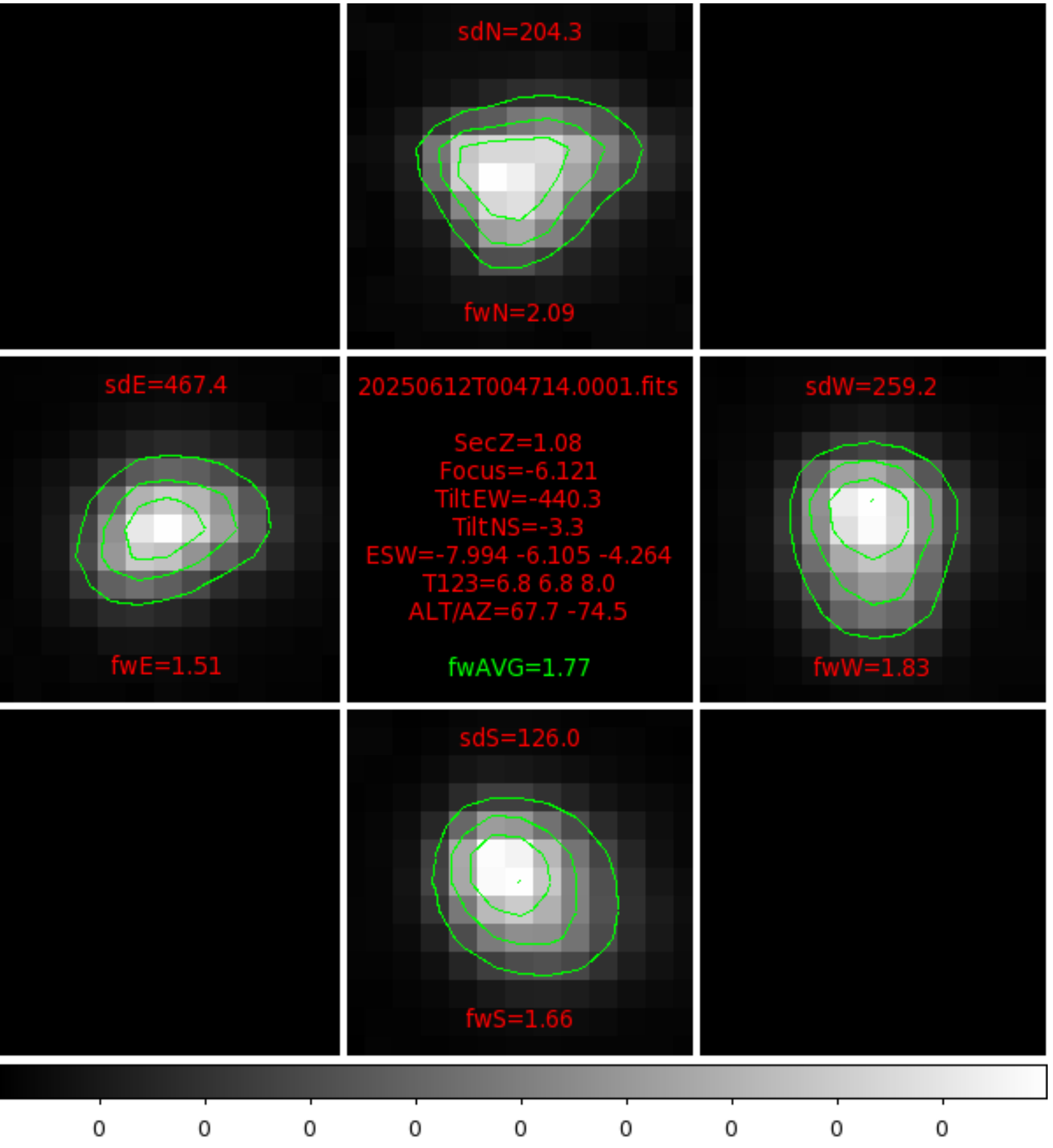
sdN=204.3
fwN=2.09
sdE=467.4
fwE=1.51
20250612T004714.0001.fits
SecZ=1.08
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=67.7 -74.5
fwAVG=1.77
sdW=259.2
fwW=1.83
sdS=126.0
fwS=1.66
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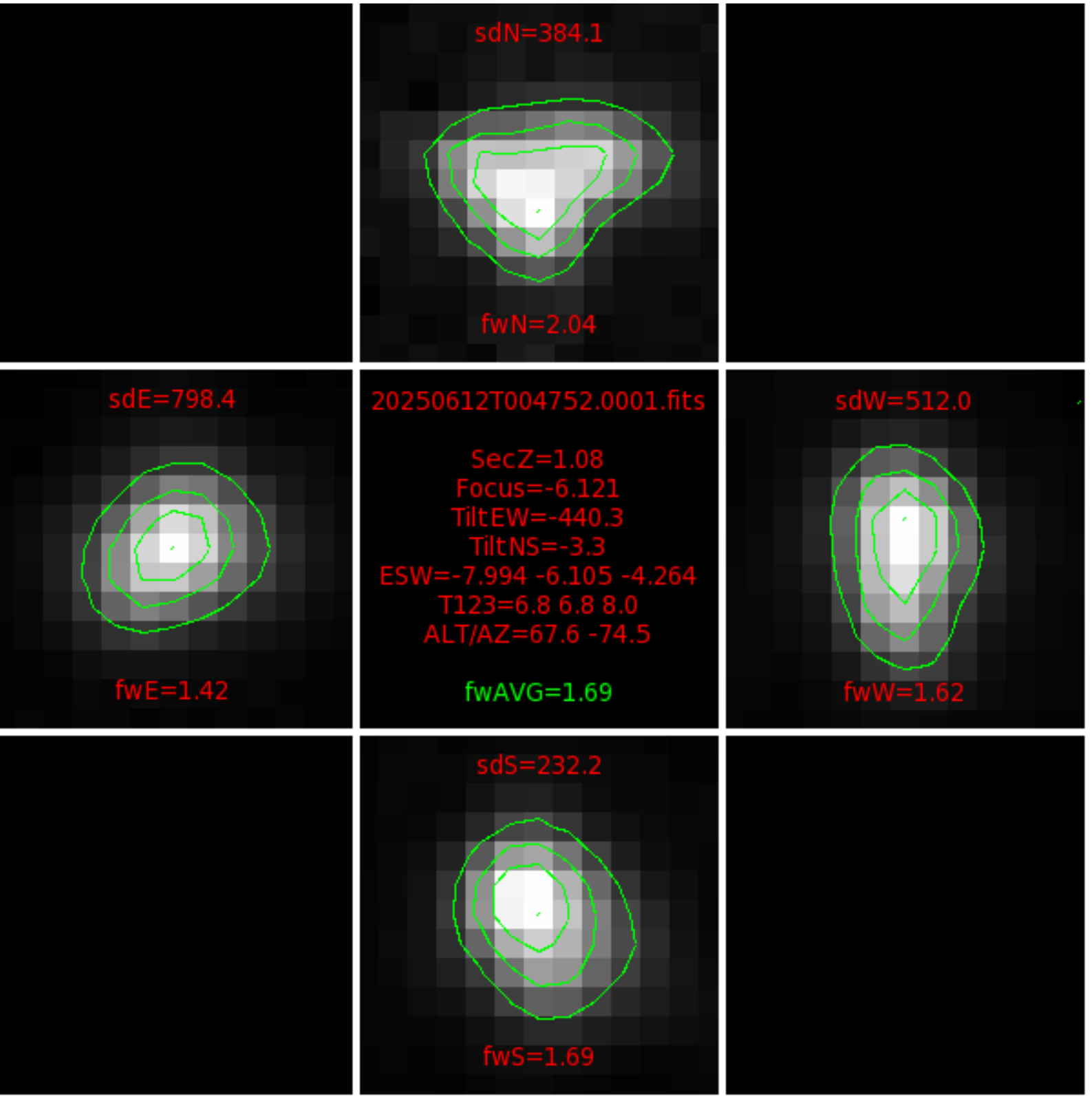
sdN=384.1
fwN=2.04
sdE=798.4
fwE=1.42
20250612T004752.0001.fits
SecZ=1.08
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=67.6 -74.5
fwAVG=1.69
sdW=512.0
fwW=1.62
sdS=232.2
fwS=1.69
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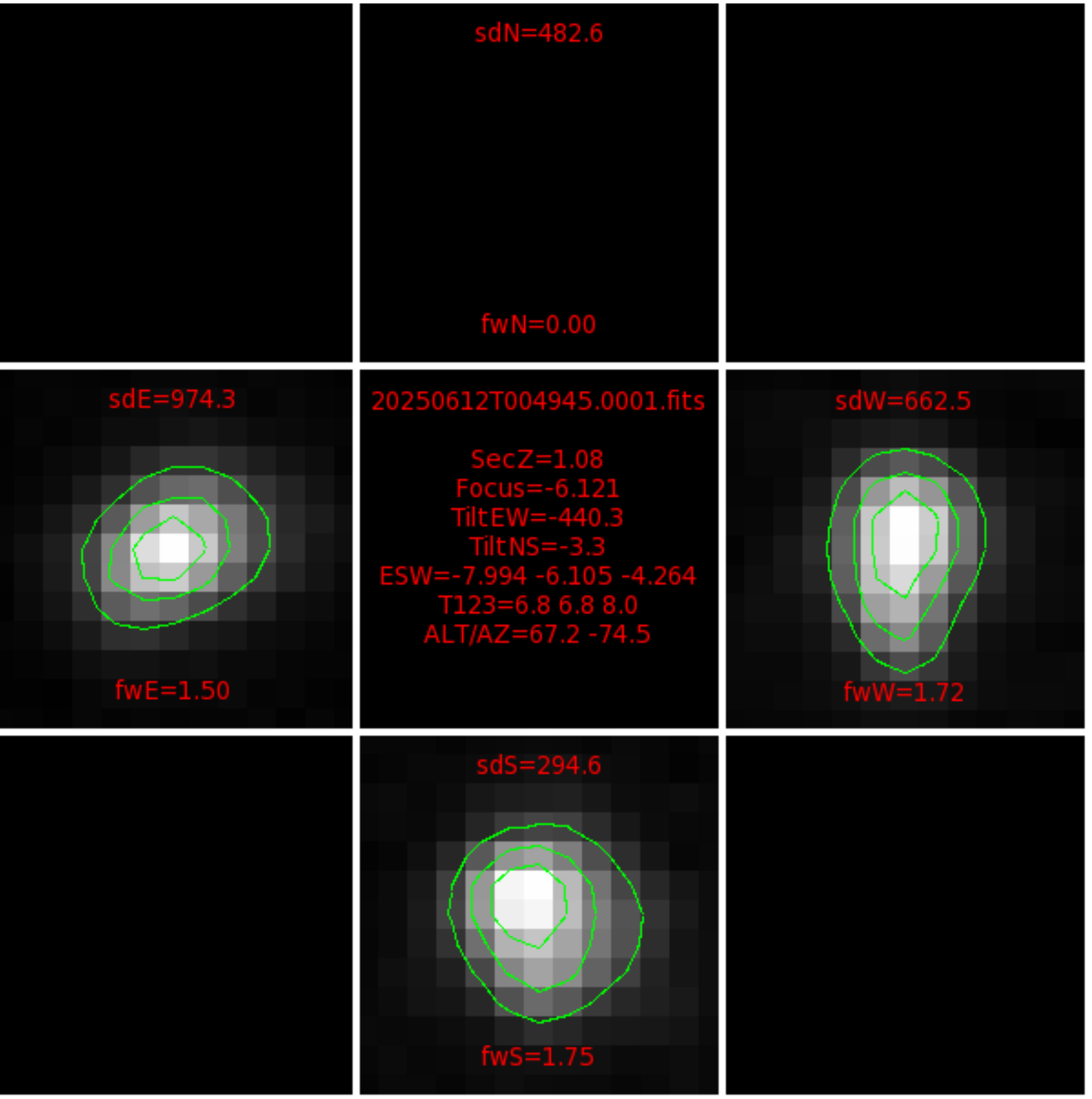
sdN=482.6
fwN=0.00
sdE=974.3
fwE=1.50
20250612T004945.0001.fits
SecZ=1.08
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=67.2 -74.5
sdW=662.5
fwW=1.72
sdS=294.6
fwS=1.75
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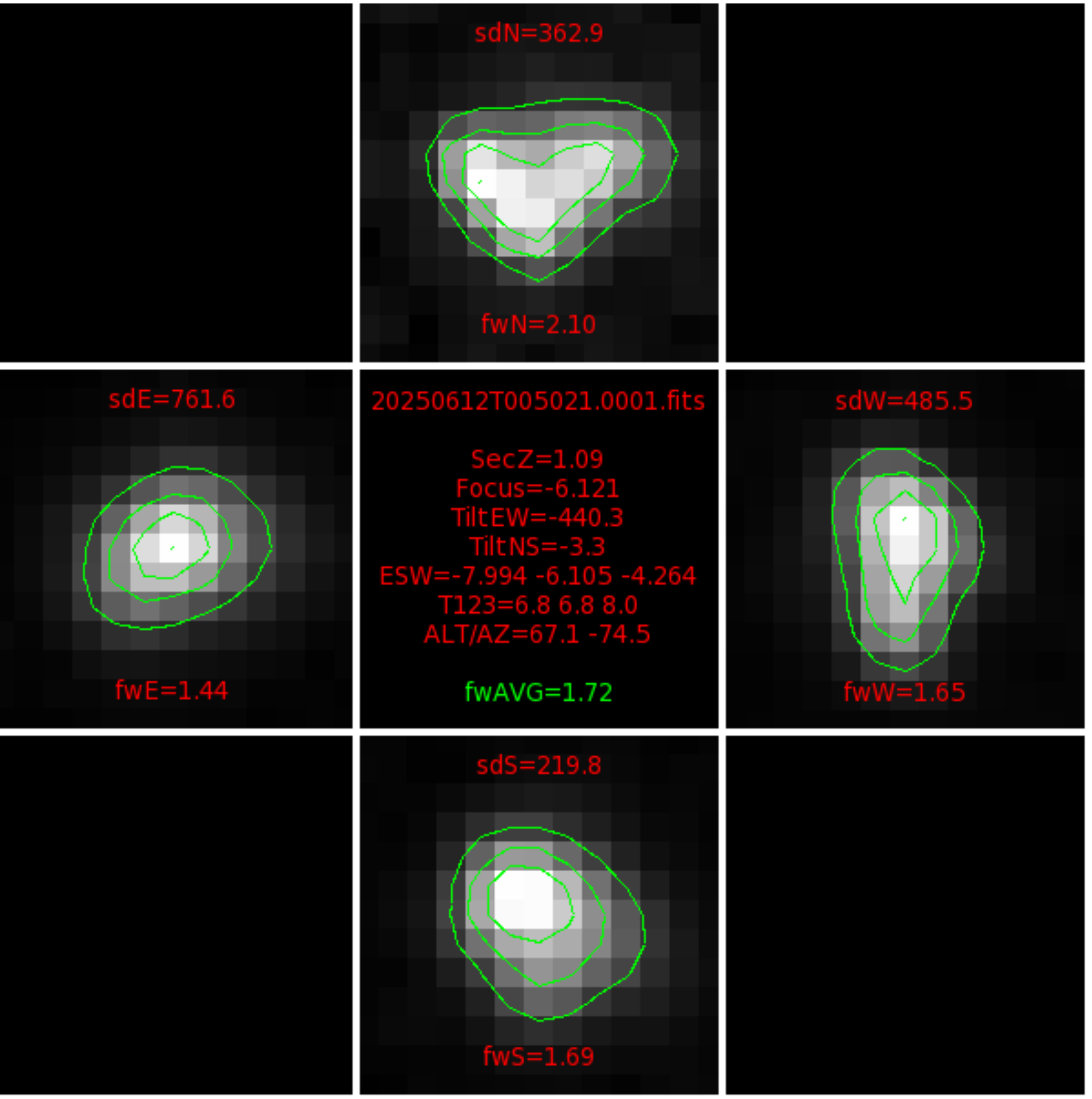
sdN=362.9
fwN=2.10
sdE=761.6
fwE=1.44
20250612T005021.0001.fits
SecZ=1.09
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=67.1 -74.5
fwAVG=1.72
sdW=485.5
fwW=1.65
sdS=219.8
fwS=1.69
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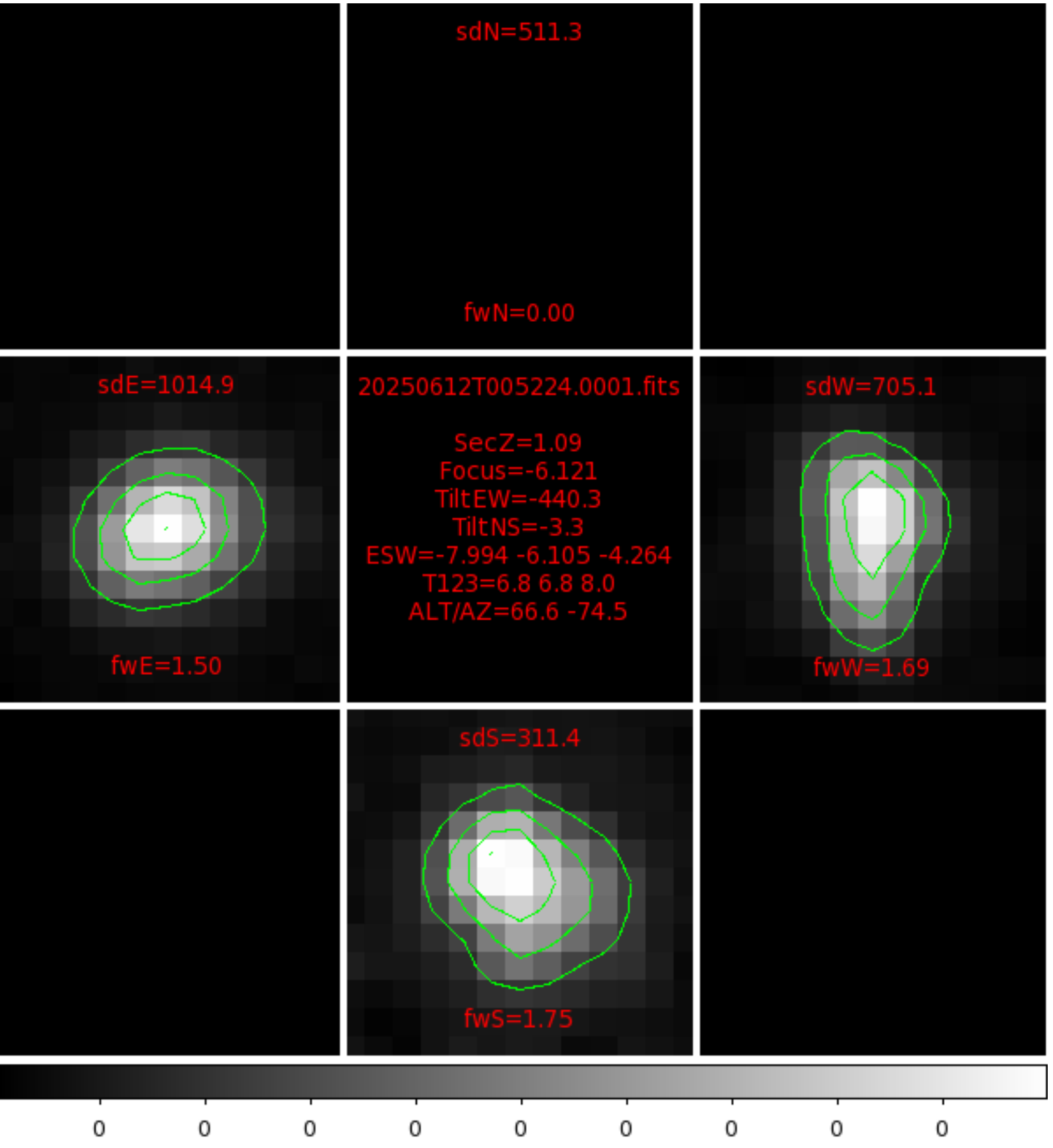
sdN=511.3
fwN=0.00
sdE=1014.9
fwE=1.50
20250612T005224.0001.fits
SecZ=1.09
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=66.6 -74.5
sdW=705.1
fwW=1.69
sdS=311.4
fwS=1.75
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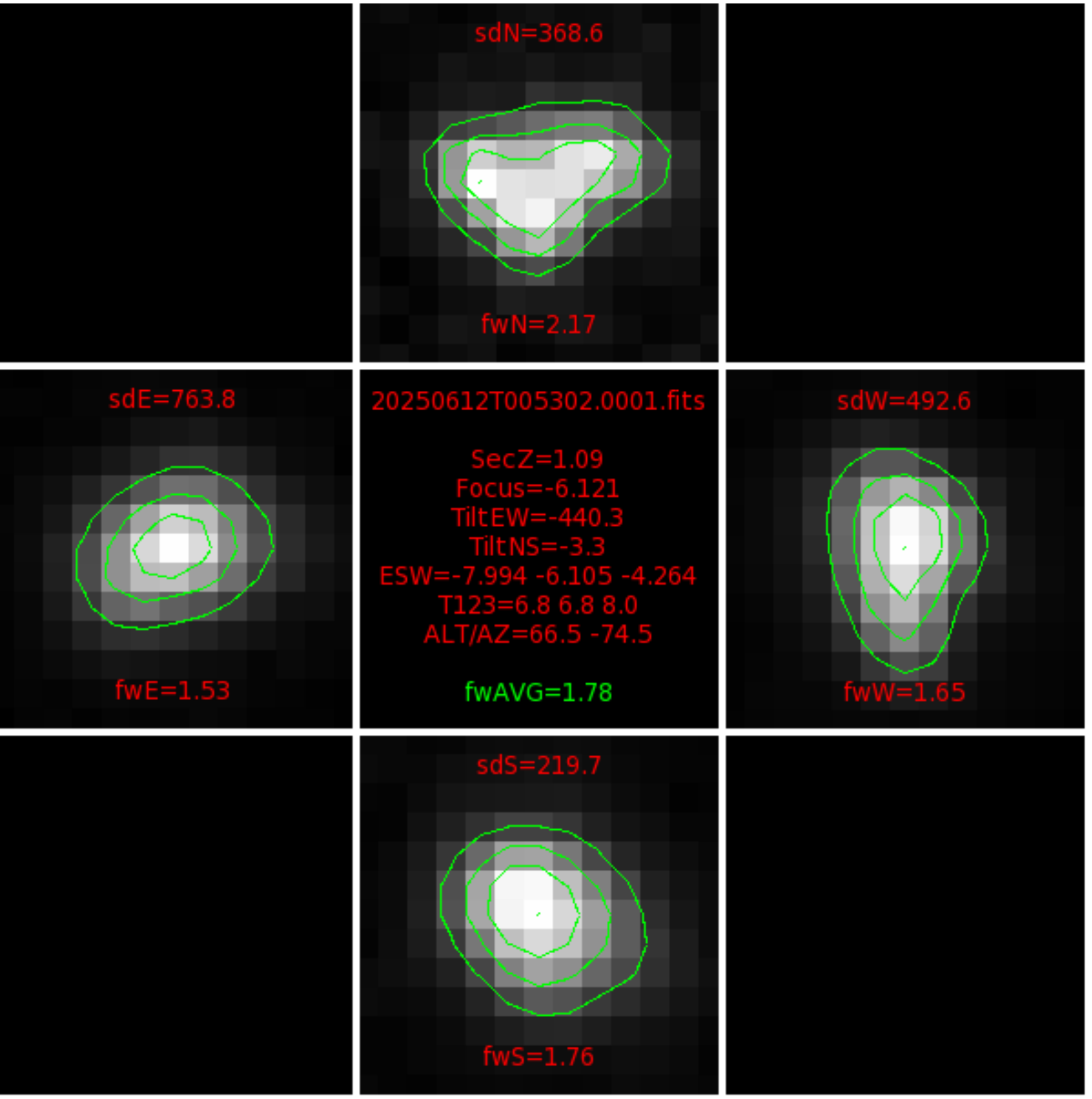
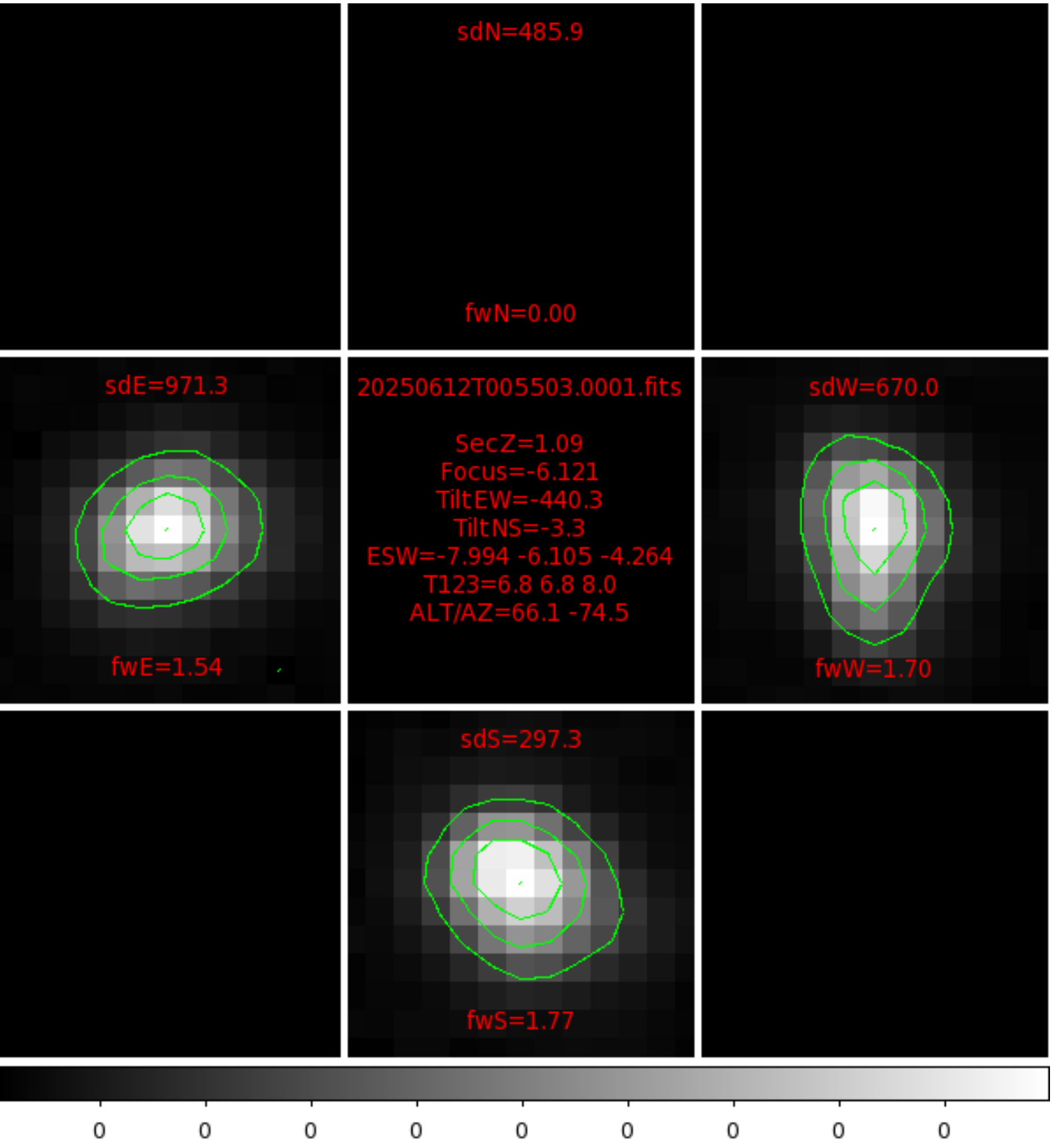

sdN=368.6
fwN=2.17
sdE=763.8
fwE=1.53
20250612T005302.0001.fits
SecZ=1.09
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=66.5 -74.5
fwAVG=1.78
sdW=492.6
fwW=1.65
sdS=219.7
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=485.9
fwN=0.00
sdE=971.3
fwE=1.54
20250612T005503.0001.fits
SecZ=1.09
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=66.1 -74.5
sdW=670.0
fwW=1.70
sdS=297.3
fwS=1.77
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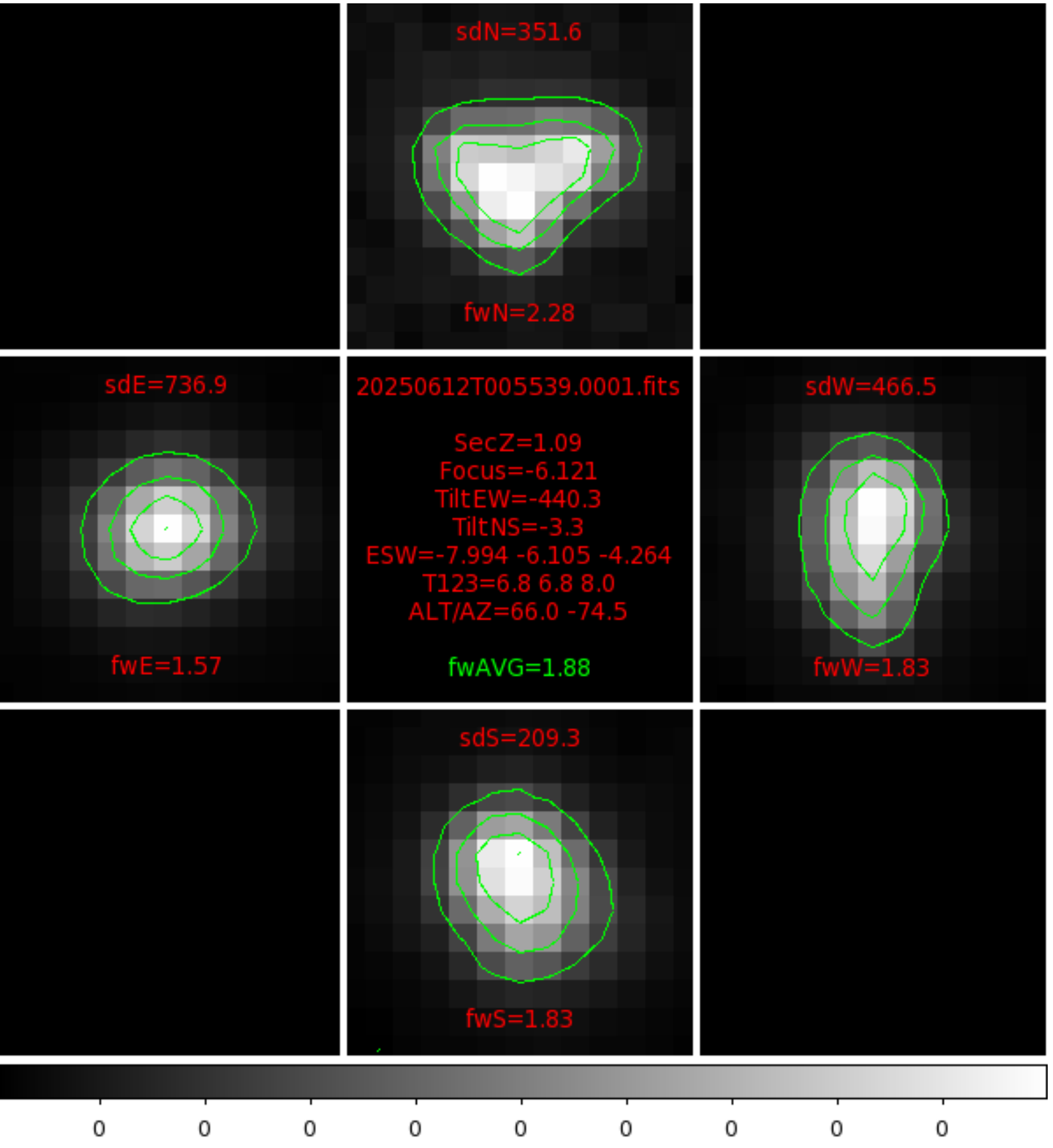
sdN=351.6
fwN=2.28
sdE=736.9
fwE=1.57
20250612T005539.0001.fits
SecZ=1.09
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=66.0 -74.5
fwAVG=1.88
sdW=466.5
fwW=1.83
sdS=209.3
fwS=1.83
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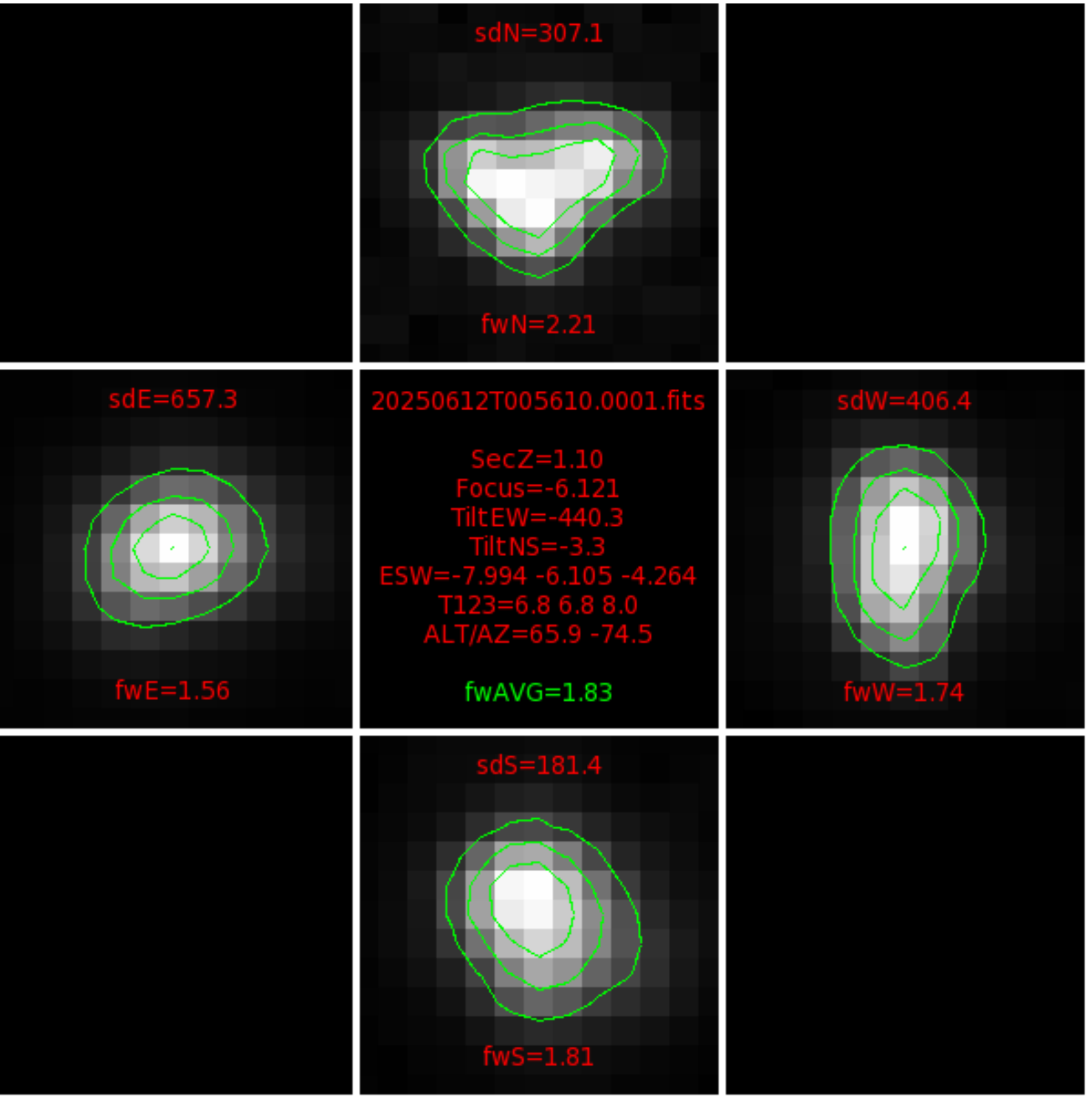
sdN=307.1
fwN=2.21
sdE=657.3
fwE=1.56
20250612T005610.0001.fits
SecZ=1.10
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=65.9 -74.5
fwAVG=1.83
sdW=406.4
fwW=1.74
sdS=181.4
fwS=1.81
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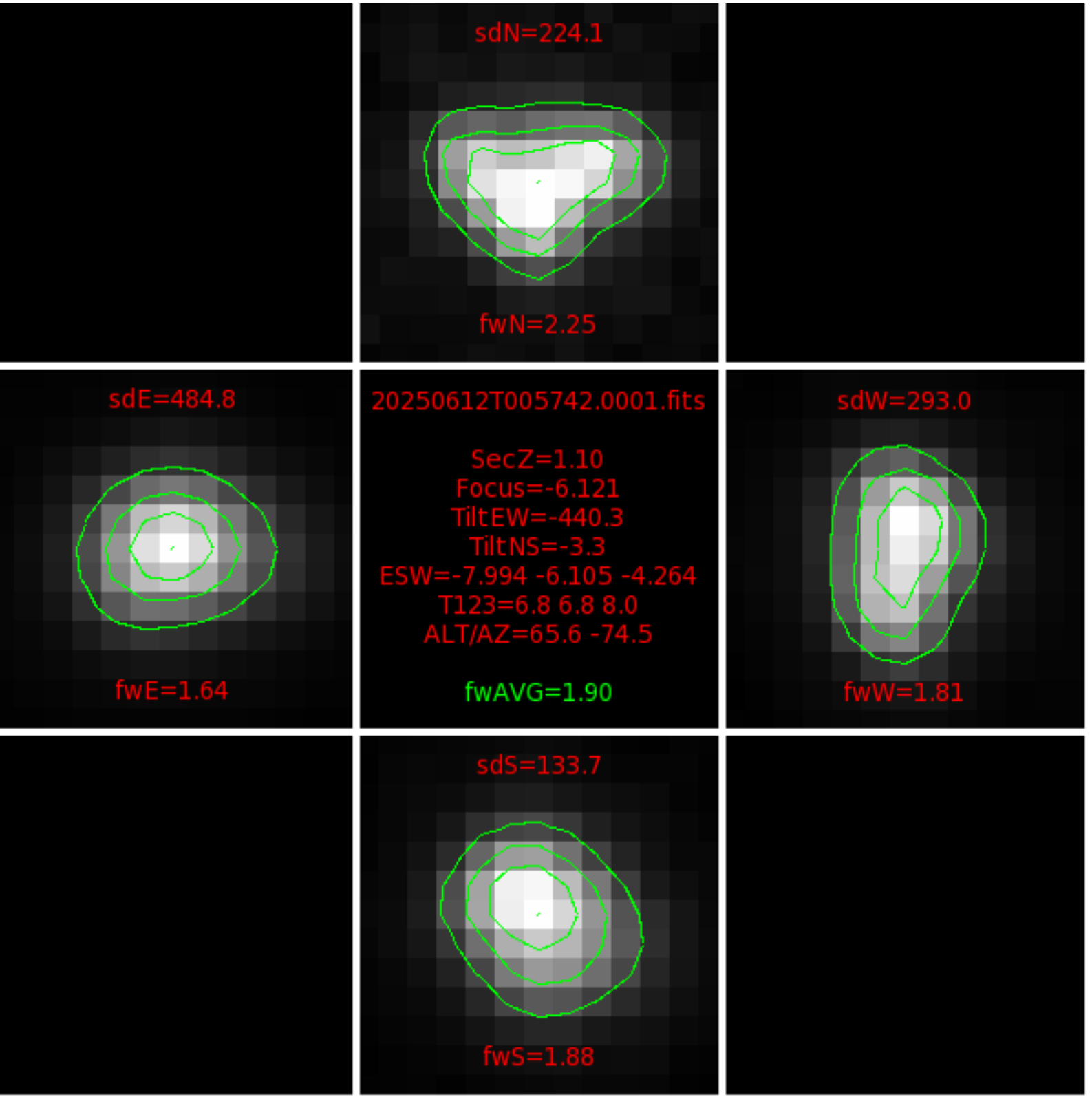
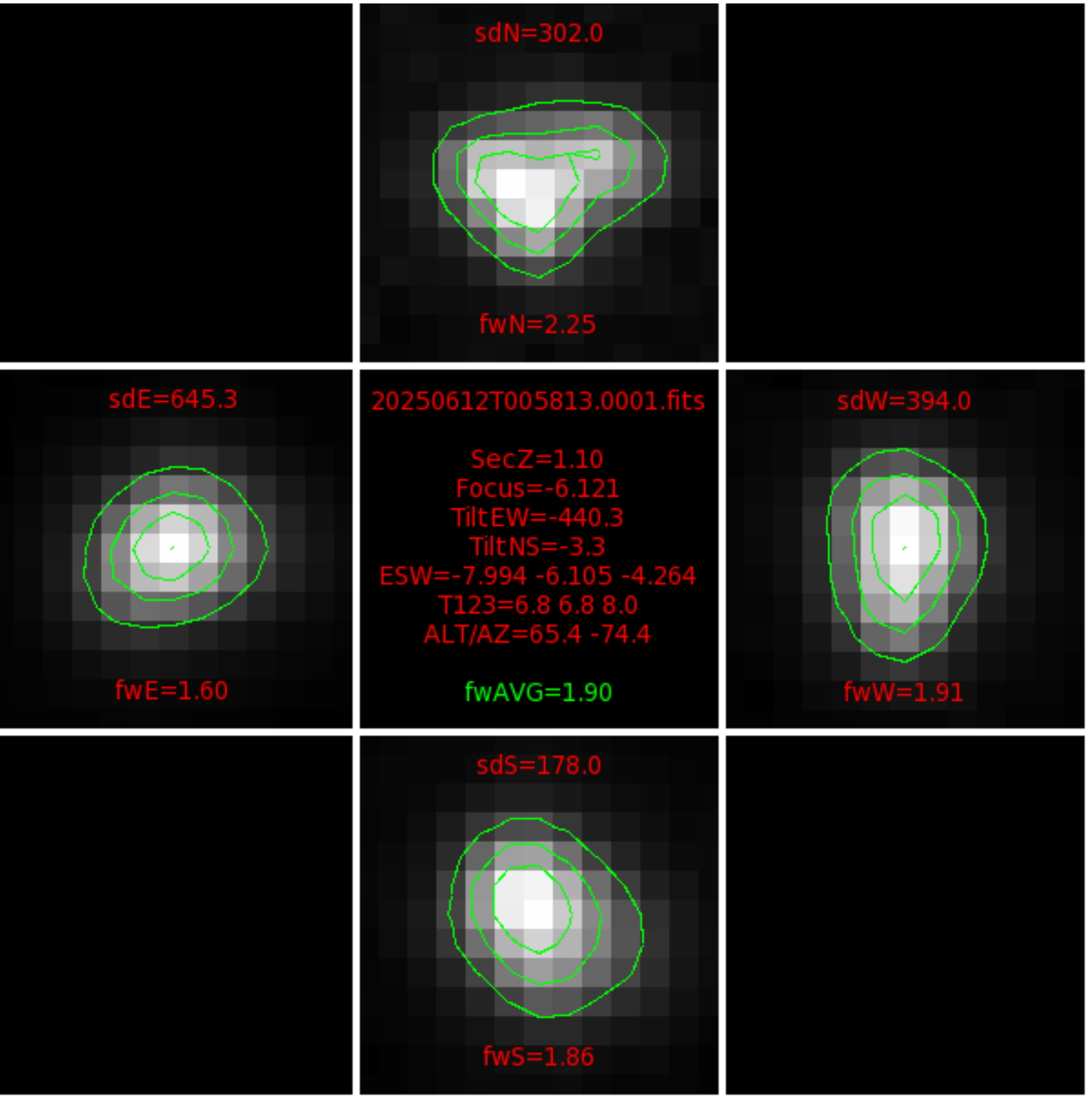
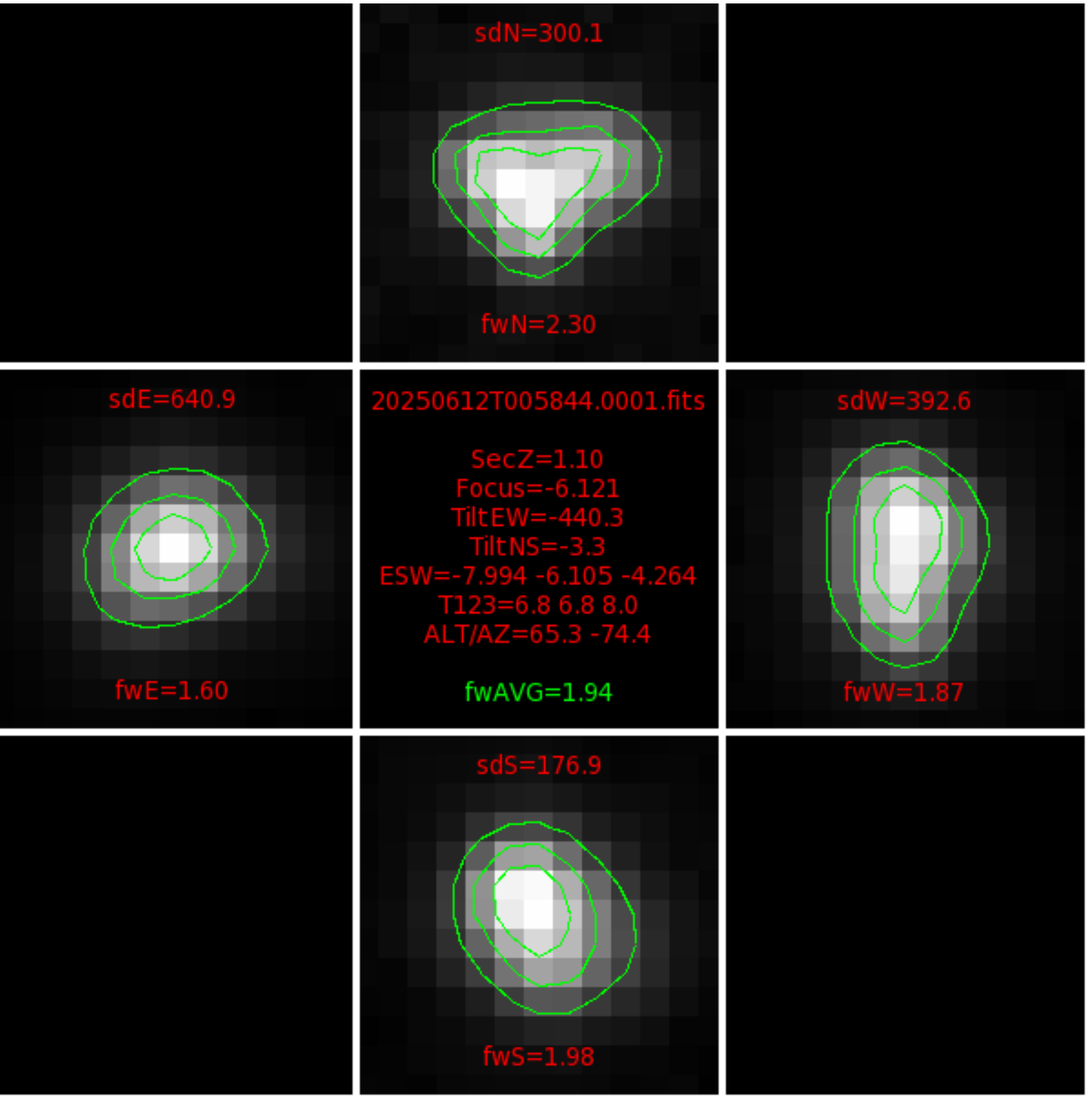
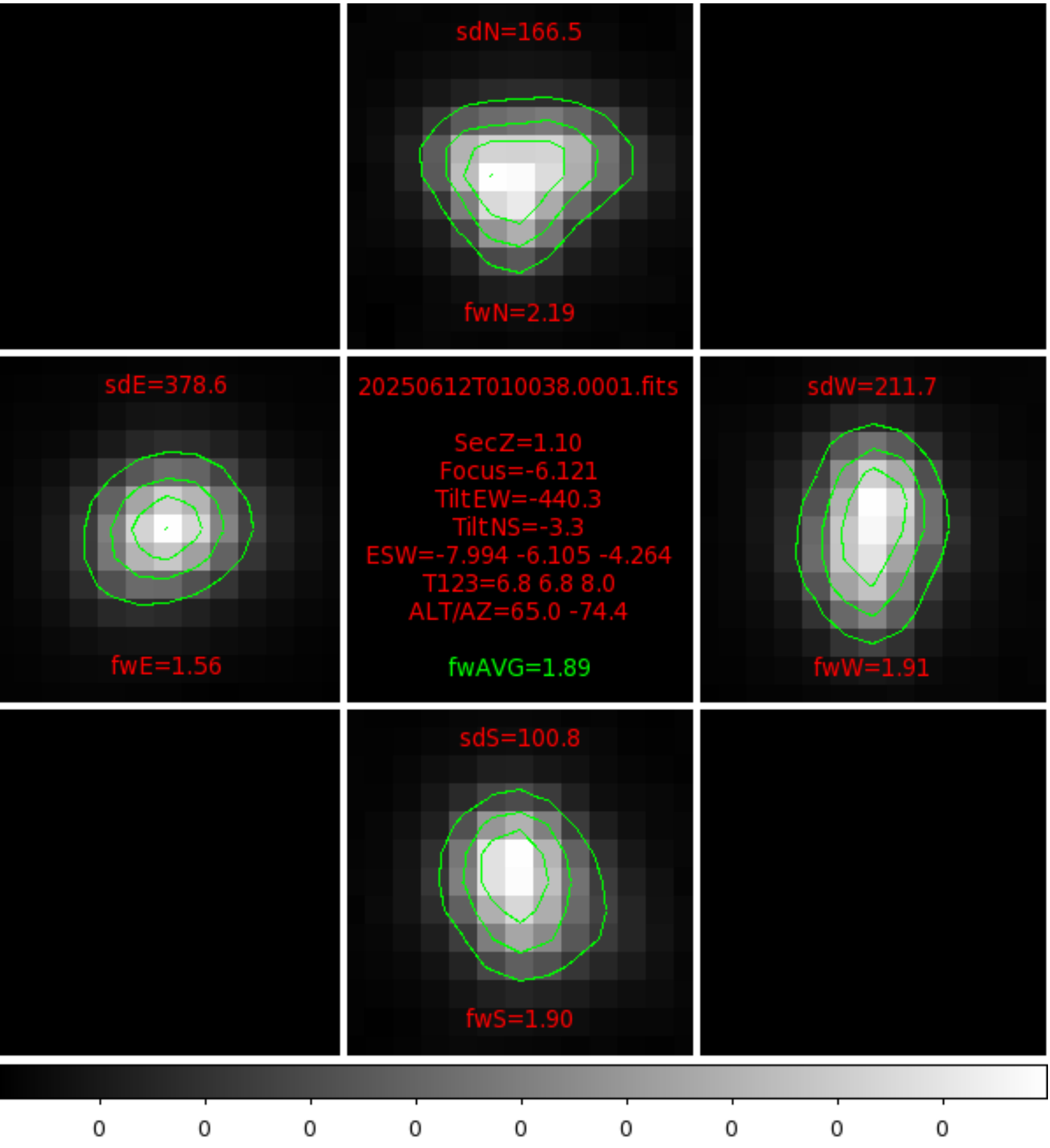
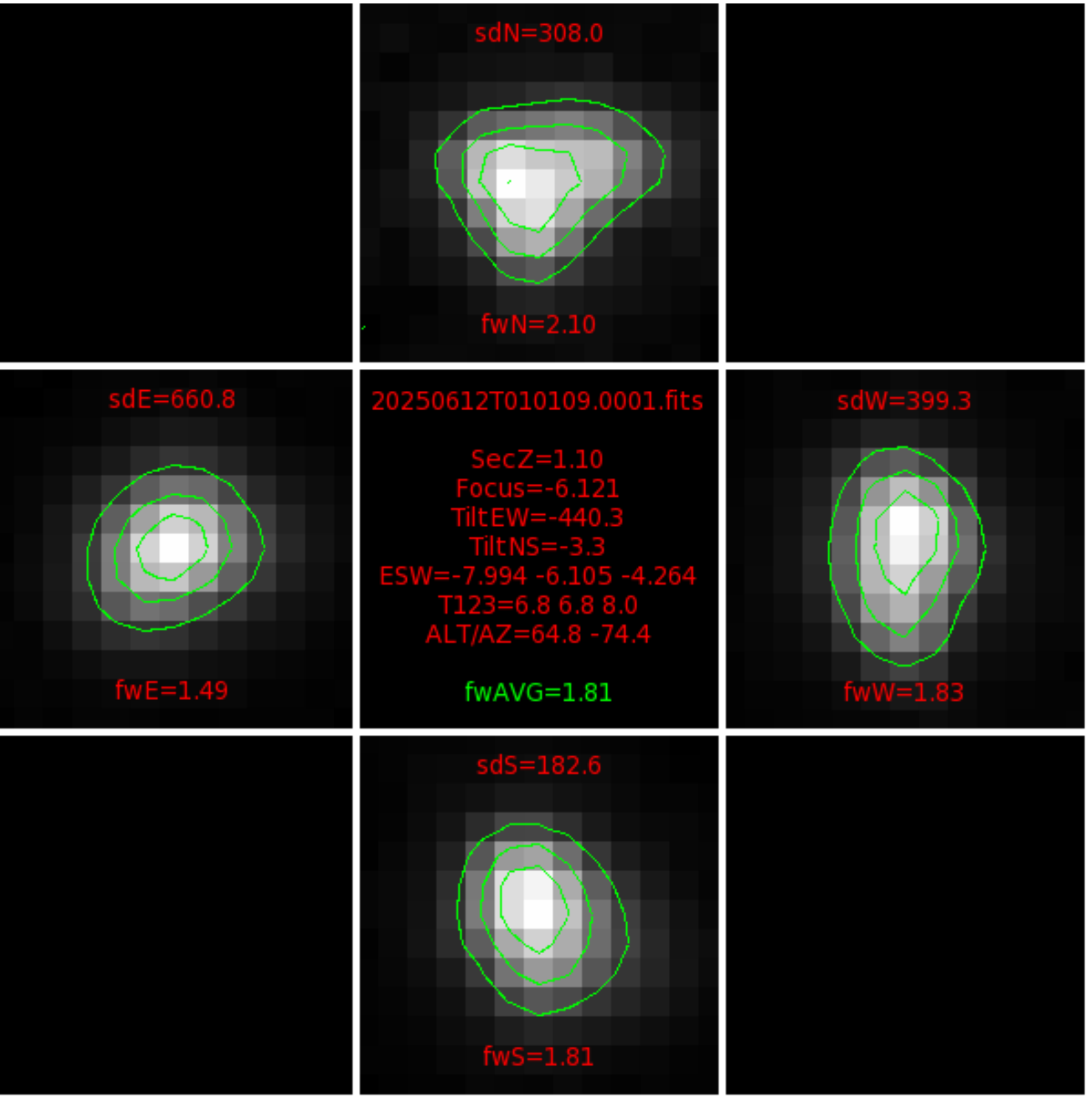
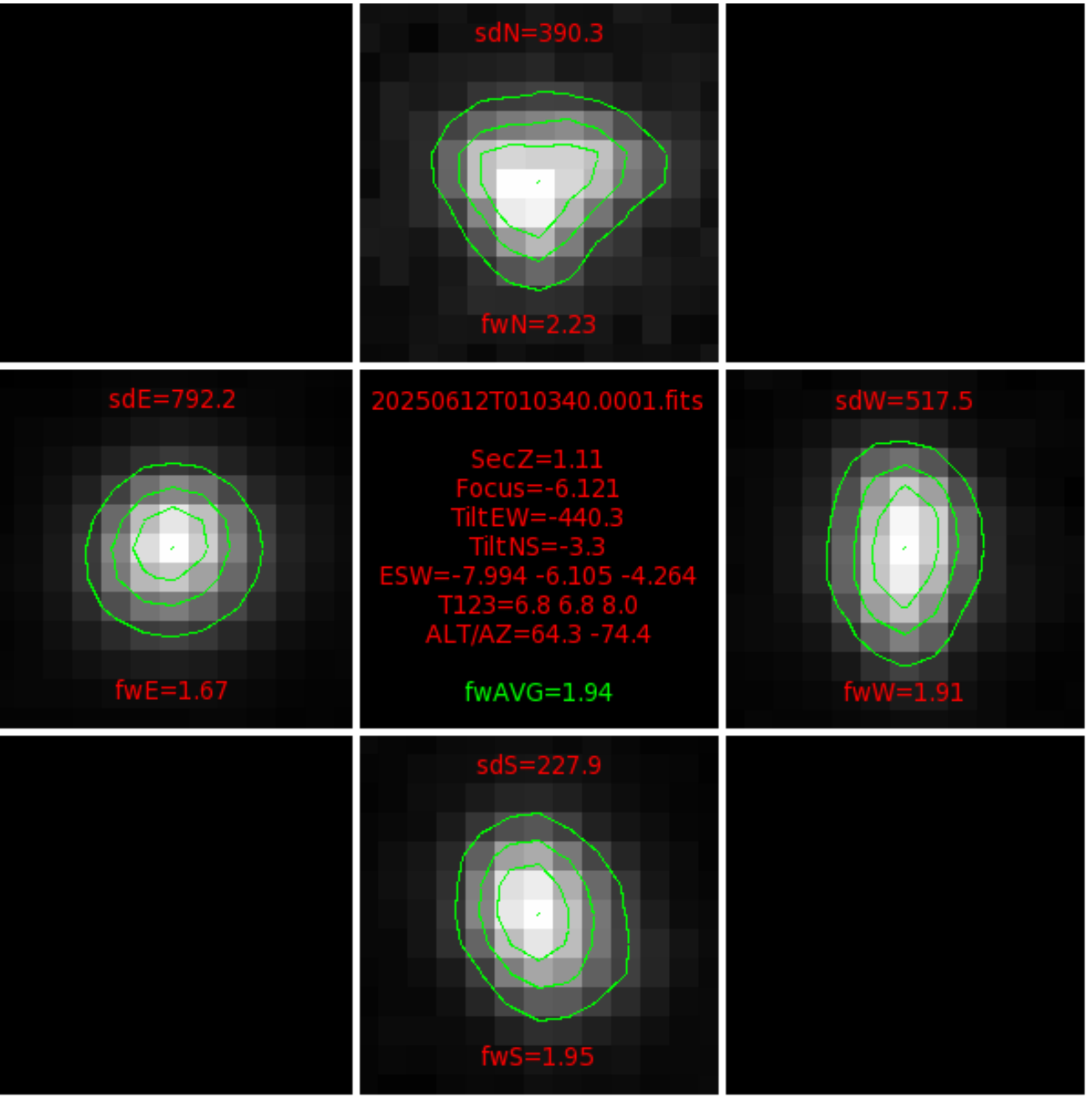

sdN=224.1
fwN=2.25
sdE=484.8
fwE=1.64
20250612T005742.0001.fits
SecZ=1.10
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=65.6 -74.5
fwAVG=1.90
sdW=293.0
fwW=1.81
sdS=133.7
fwS=1.88
0 0 0 0 0 0 0 0 0

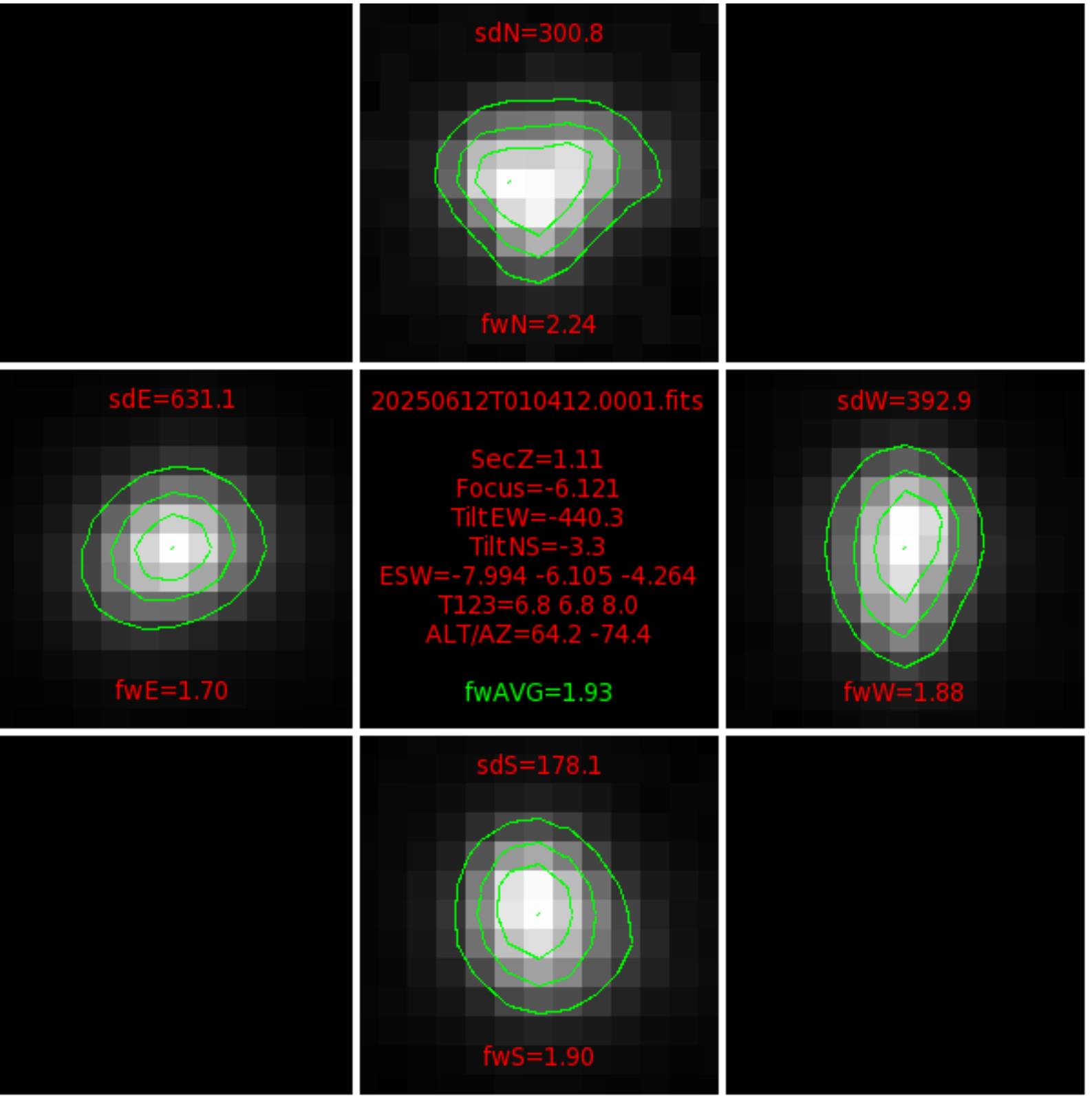

sdN=302.0
fwN=2.25
sdE=645.3
fwE=1.60
20250612T005813.0001.fits
SecZ=1.10
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=65.4 -74.4
fwAVG=1.90
sdW=394.0
fwW=1.91
sdS=178.0
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=300.1
fwN=2.30
sdE=640.9
fwE=1.60
20250612T005844.0001.fits
SecZ=1.10
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=65.3 -74.4
fwAVG=1.94
sdW=392.6
fwW=1.87
sdS=176.9
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=166.5
fwN=2.19
sdE=378.6
fwE=1.56
20250612T010038.0001.fits
SecZ=1.10
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=65.0 -74.4
fwAVG=1.89
sdW=211.7
fwW=1.91
sdS=100.8
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=308.0
fwN=2.10
sdE=660.8
fwE=1.49
20250612T010109.0001.fits
SecZ=1.10
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=64.8 -74.4
fwAVG=1.81
sdW=399.3
fwW=1.83
sdS=182.6
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=390.3
fwN=2.23
sdE=792.2
fwE=1.67
20250612T010340.0001.fits
SecZ=1.11
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=64.3 -74.4
fwAVG=1.94
sdW=517.5
fwW=1.91
sdS=227.9
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=300.8
fwN=2.24
sdE=631.1
fwE=1.70
20250612T010412.0001.fits
SecZ=1.11
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=64.2 -74.4
fwAVG=1.93
sdW=392.9
fwW=1.88
sdS=178.1
fwS=1.90
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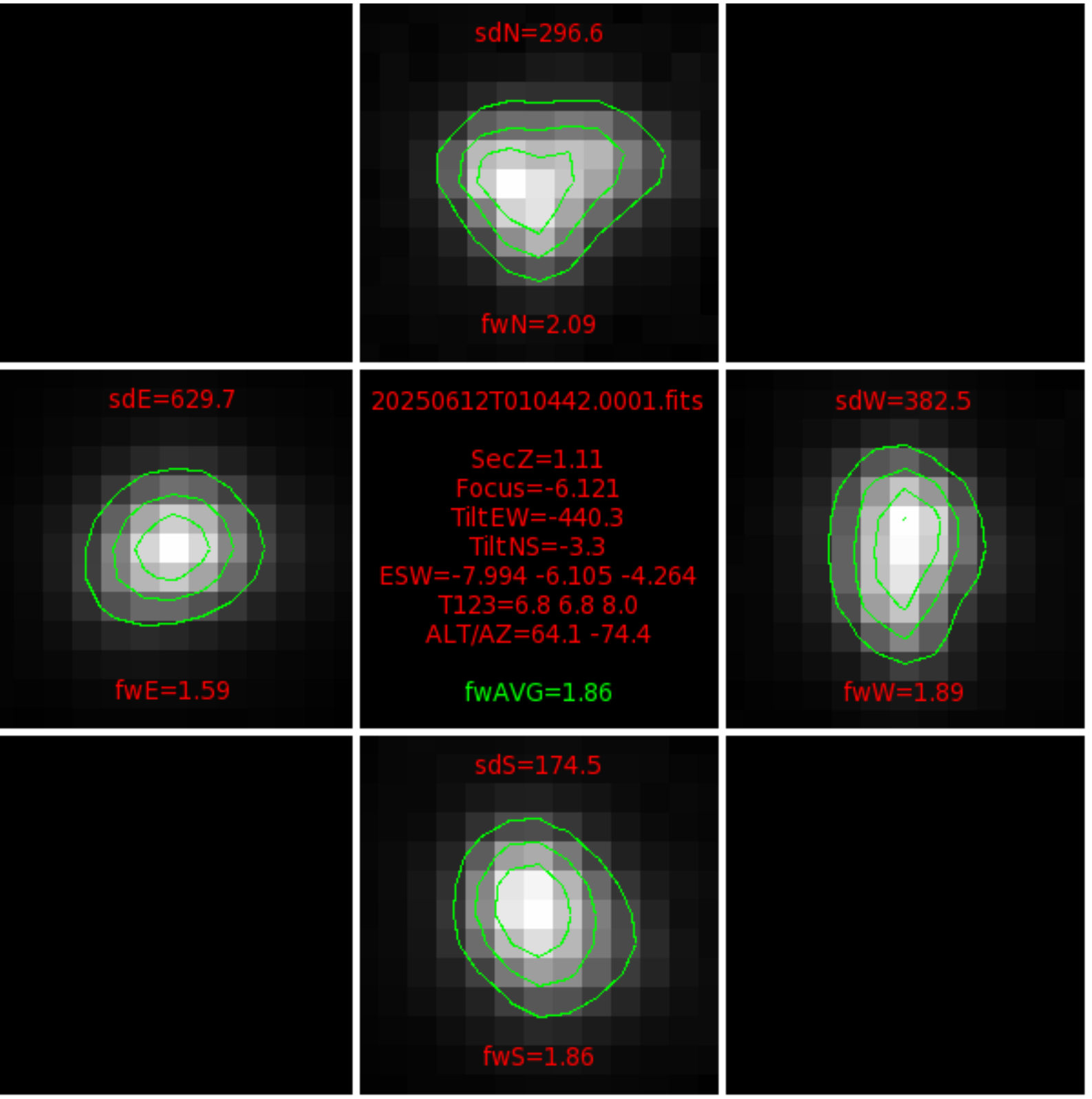
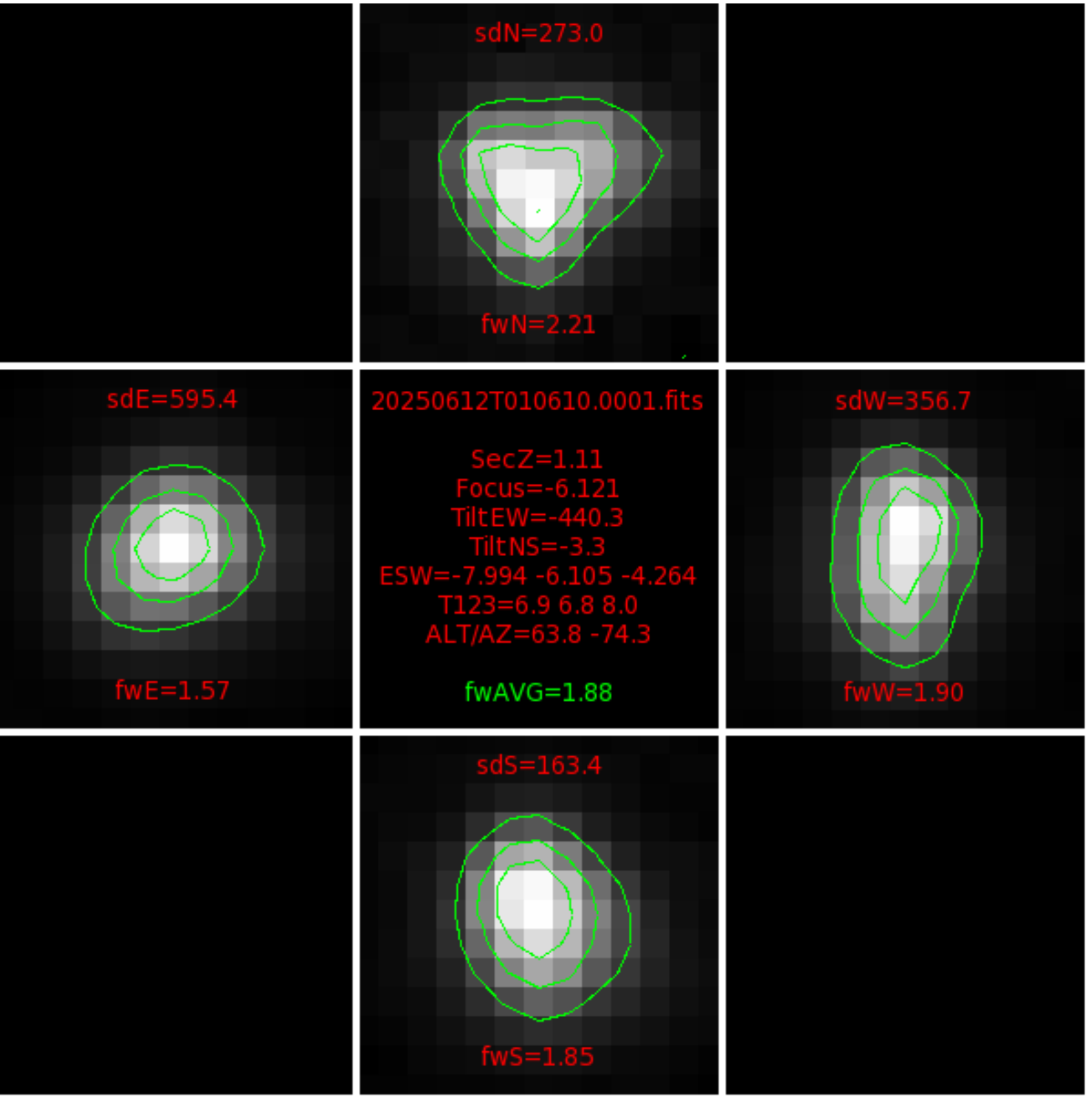

sdN=296.6
fwN=2.09
sdE=629.7
fwE=1.59
20250612T010442.0001.fits
SecZ=1.11
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.8 6.8 8.0
ALT/AZ=64.1 -74.4
fwAVG=1.86
sdW=382.5
fwW=1.89
sdS=174.5
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=273.0
fwN=2.21
sdE=595.4
fwE=1.57
20250612T010610.0001.fits
SecZ=1.11
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.9 6.8 8.0
ALT/AZ=63.8 -74.3
fwAVG=1.88
sdW=356.7
fwW=1.90
sdS=163.4
fwS=1.85
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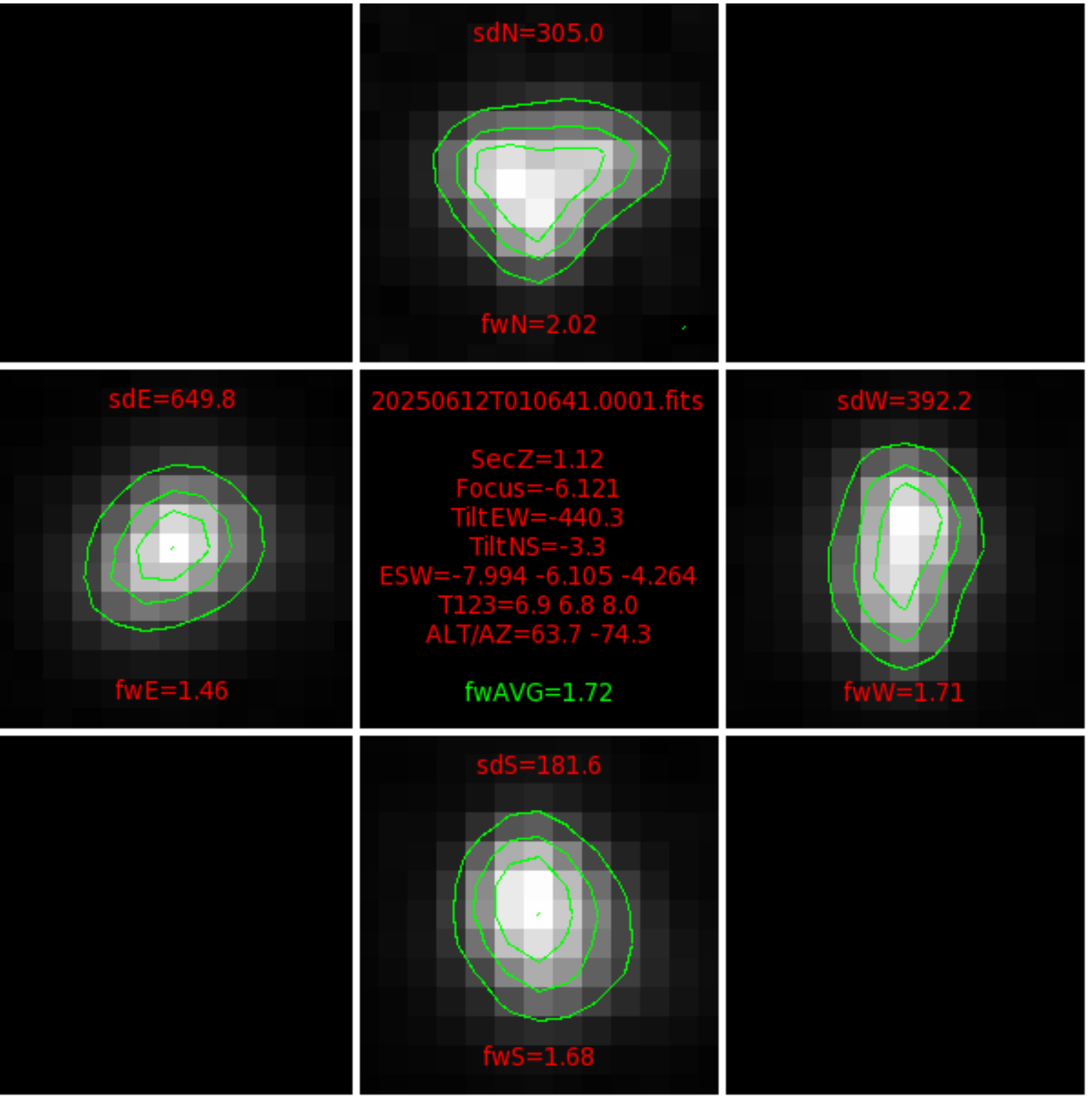
sdN=305.0
fwN=2.02
sdE=649.8
fwE=1.46
20250612T010641.0001.fits
SecZ=1.12
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.9 6.8 8.0
ALT/AZ=63.7 -74.3
fwAVG=1.72
sdW=392.2
fwW=1.71
sdS=181.6
fwS=1.68
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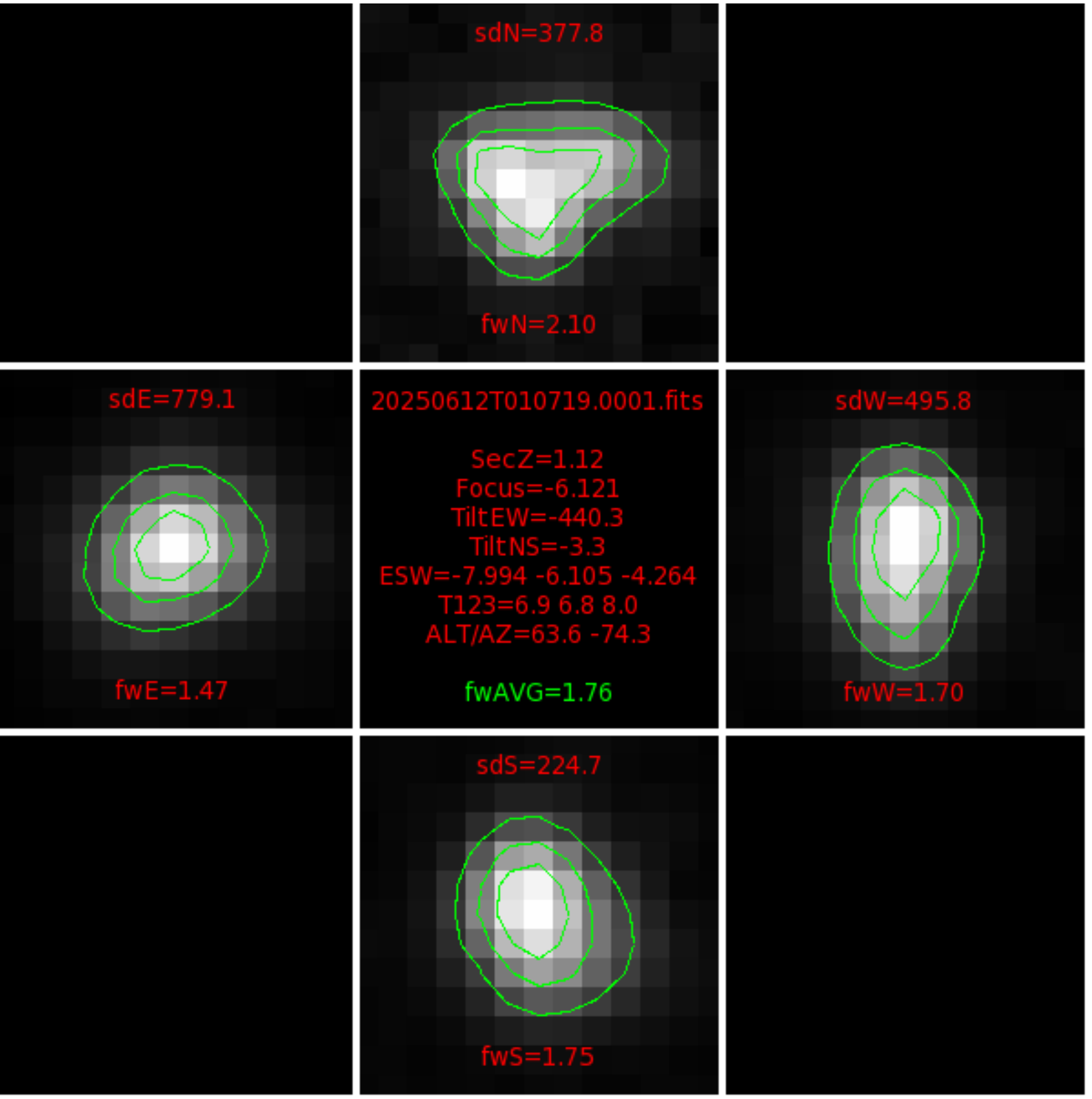
sdN=377.8
fwN=2.10
sdE=779.1
fwE=1.47
20250612T010719.0001.fits
SecZ=1.12
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.9 6.8 8.0
ALT/AZ=63.6 -74.3
fwAVG=1.76
sdW=495.8
fwW=1.70
sdS=224.7
fwS=1.75
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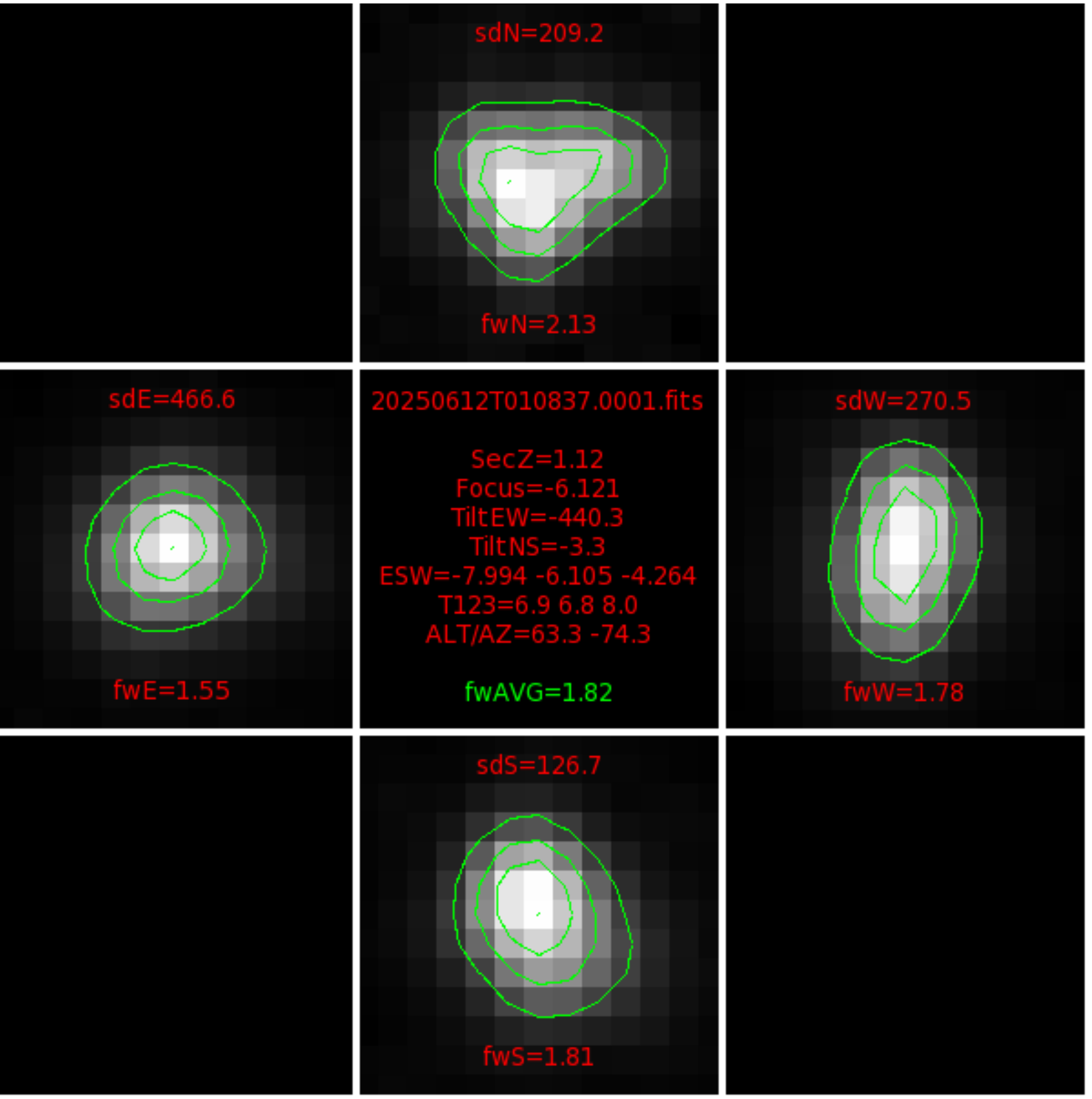
sdN=209.2
fwN=2.13
sdE=466.6
fwE=1.55
20250612T010837.0001.fits
SecZ=1.12
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.9 6.8 8.0
ALT/AZ=63.3 -74.3
fwAVG=1.82
sdW=270.5
fwW=1.78
sdS=126.7
fwS=1.81
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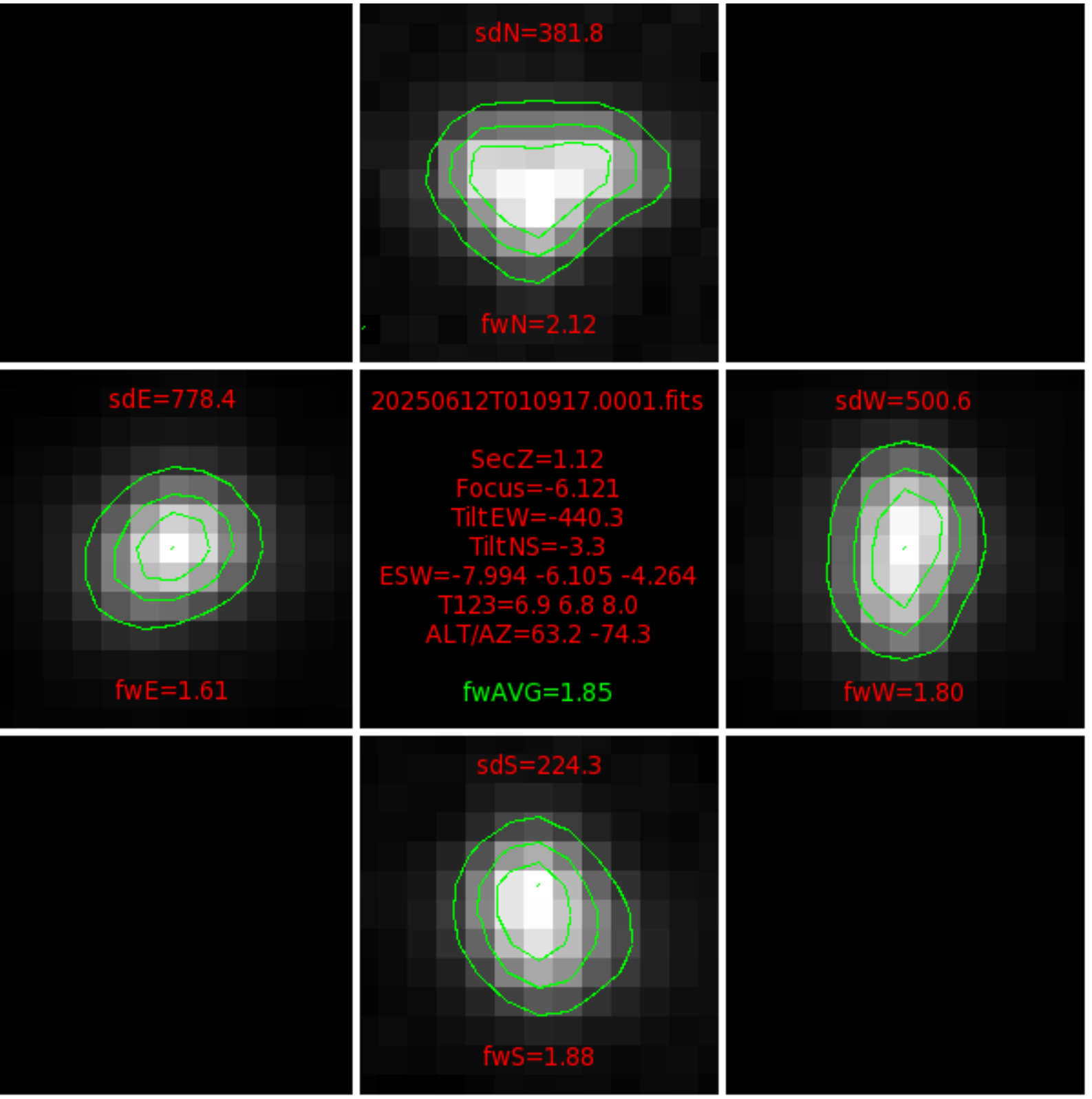
sdN=381.8
fwN=2.12
sdE=778.4
fwE=1.61
20250612T010917.0001.fits
SecZ=1.12
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.9 6.8 8.0
ALT/AZ=63.2 -74.3
fwAVG=1.85
sdW=500.6
fwW=1.80
sdS=224.3
fwS=1.88
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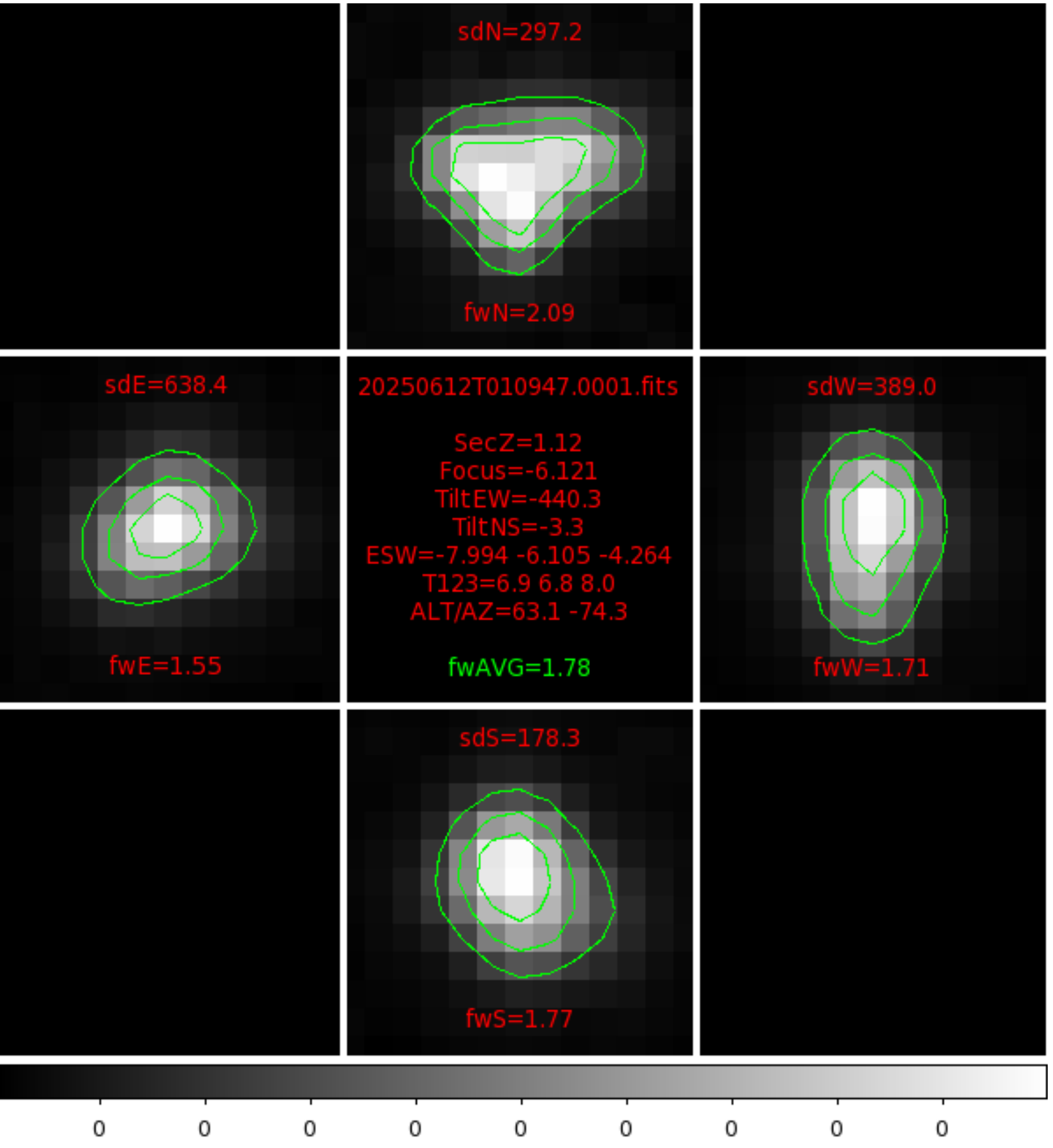
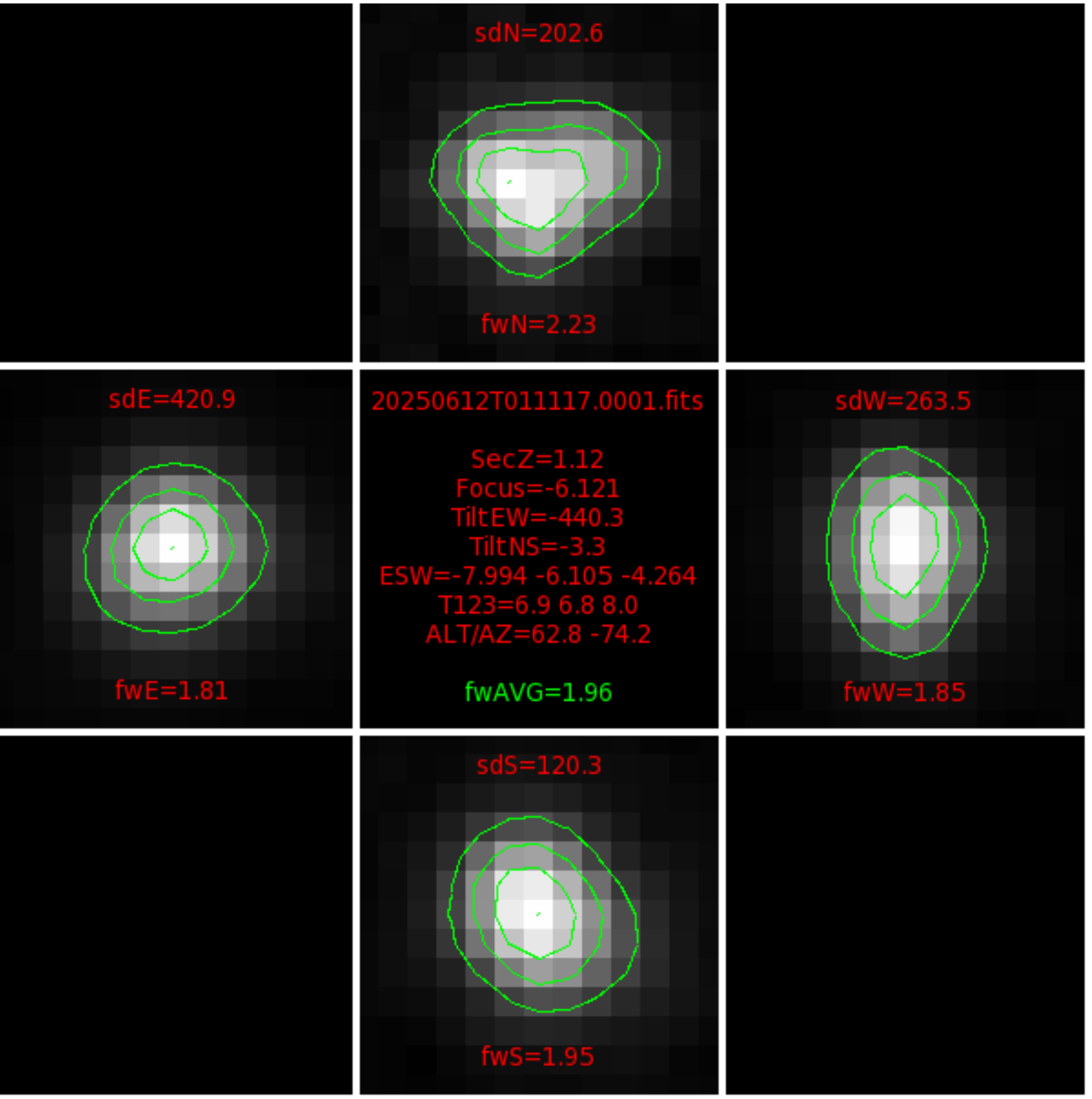

sdN=297.2
fwN=2.09
sdE=638.4
fwE=1.55
20250612T010947.0001.fits
SecZ=1.12
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.9 6.8 8.0
ALT/AZ=63.1 -74.3
fwAVG=1.78
sdW=389.0
fwW=1.71
sdS=178.3
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=202.6
fwN=2.23
sdE=420.9
fwE=1.81
20250612T011117.0001.fits
SecZ=1.12
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.9 6.8 8.0
ALT/AZ=62.8 -74.2
fwAVG=1.96
sdW=263.5
fwW=1.85
sdS=120.3
fwS=1.95
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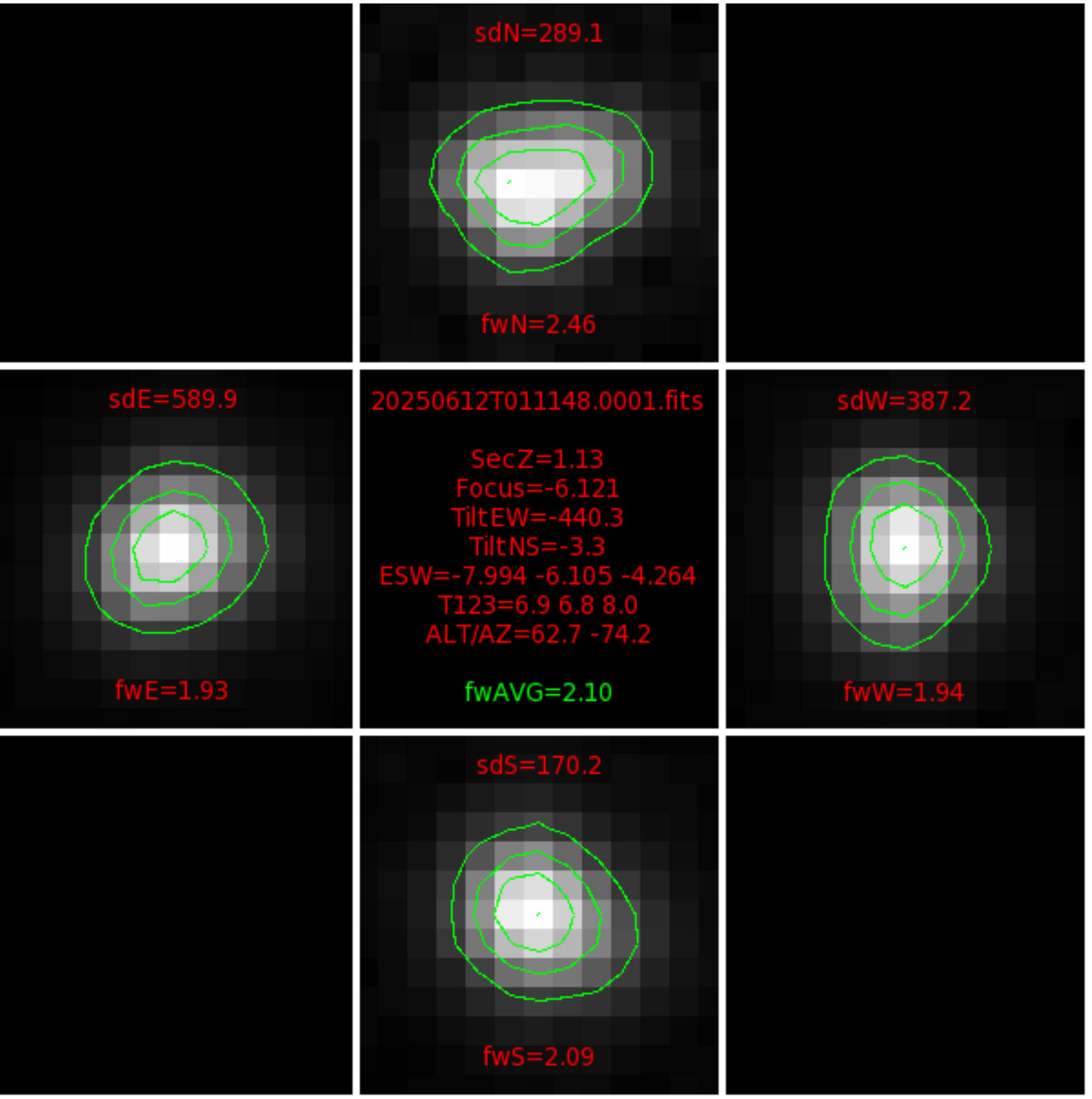
sdN=289.1
fwN=2.46
sdE=589.9
fwE=1.93
20250612T011148.0001.fits
SecZ=1.13
Focus=-6.121
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.994 -6.105 -4.264
T123=6.9 6.8 8.0
ALT/AZ=62.7 -74.2
fwAVG=2.10
sdW=387.2
fwW=1.94
sdS=170.2
fwS=2.09
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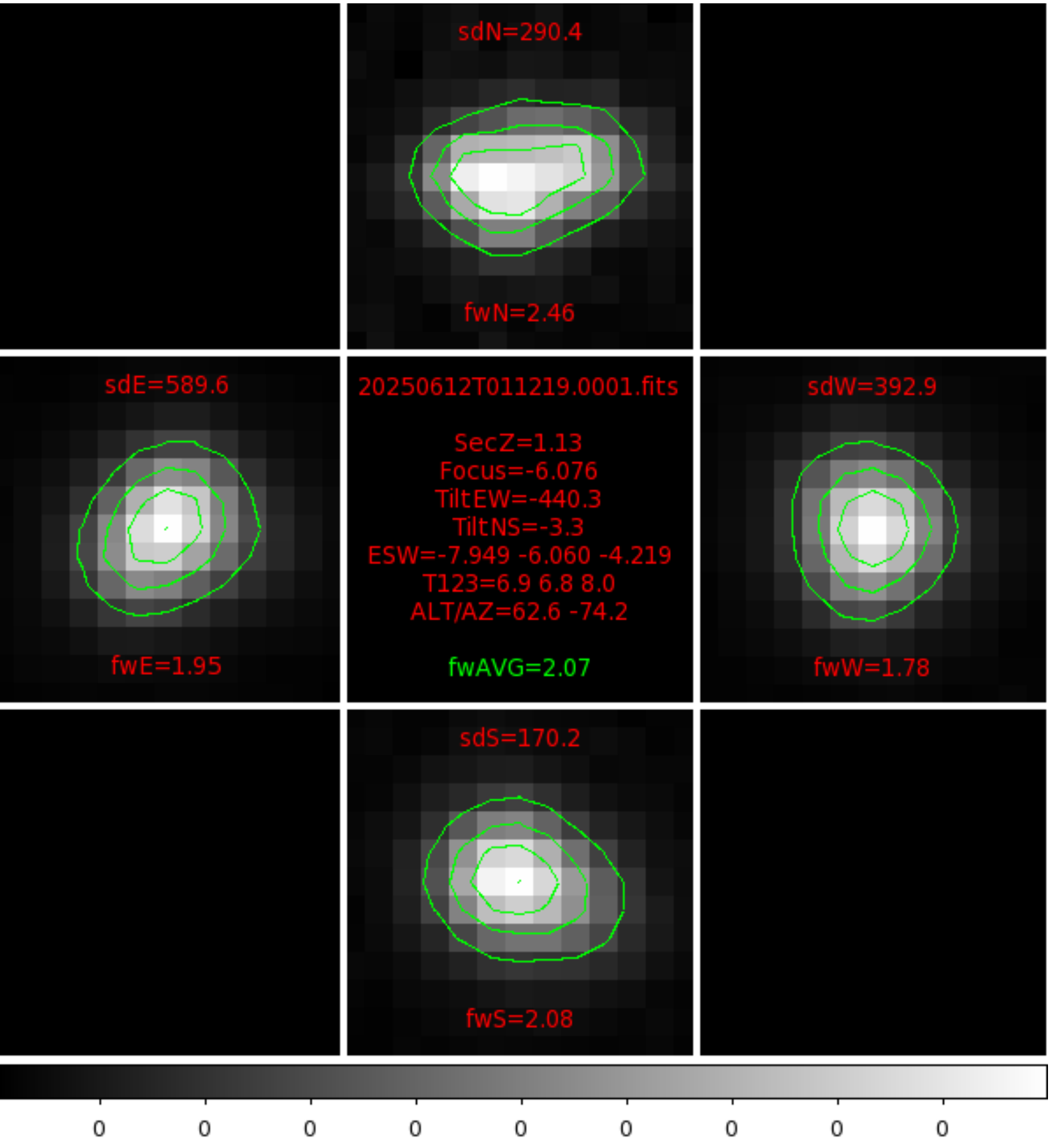
sdN=290.4
fwN=2.46
sdE=589.6
fwE=1.95
20250612T011219.0001.fits
SecZ=1.13
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.9 6.8 8.0
ALT/AZ=62.6 -74.2
fwAVG=2.07
sdW=392.9
fwW=1.78
sdS=170.2
fwS=2.08
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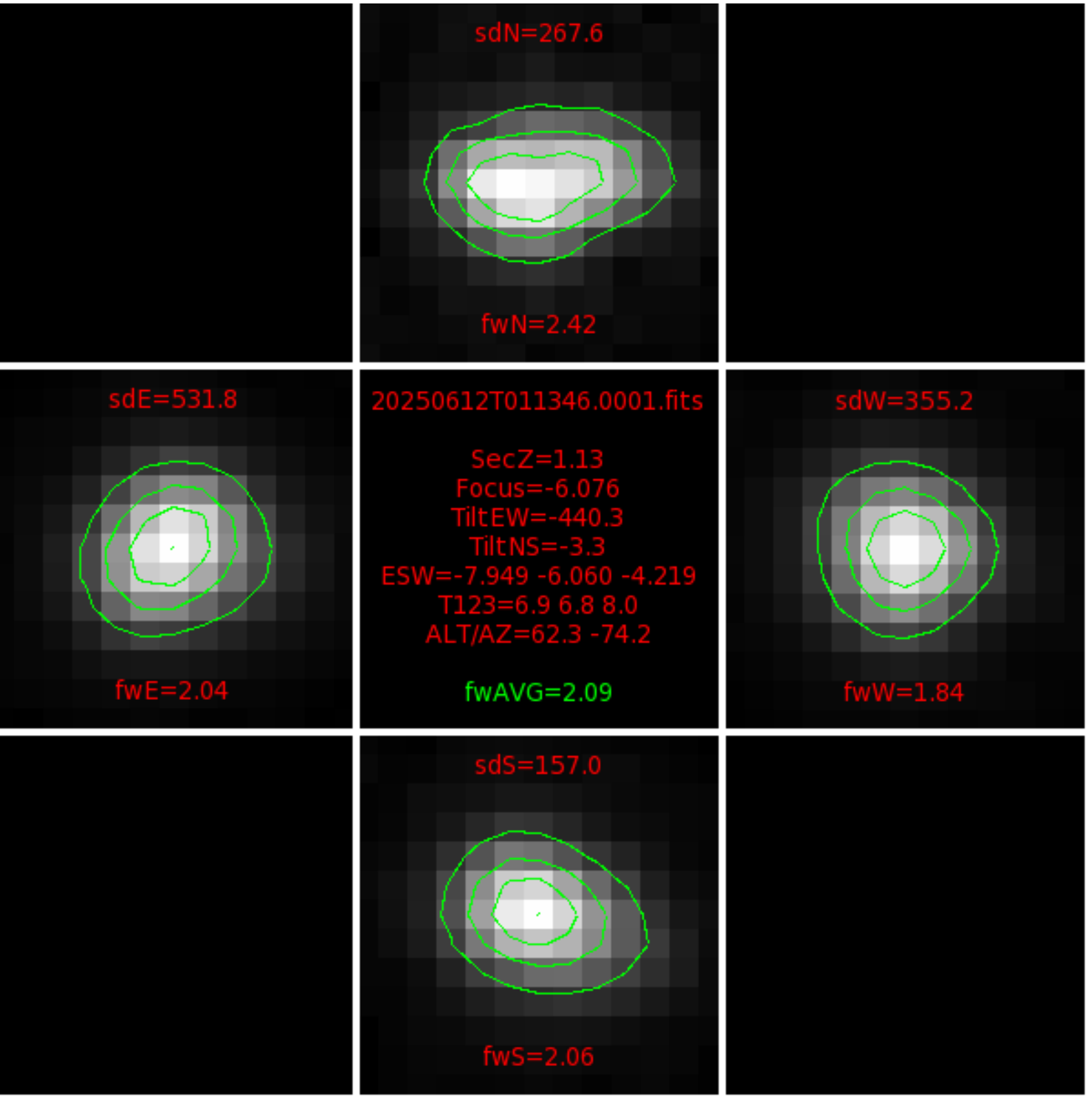
sdN=267.6
fwN=2.42
sdE=531.8
fwE=2.04
20250612T011346.0001.fits
SecZ=1.13
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.9 6.8 8.0
ALT/AZ=62.3 -74.2
fwAVG=2.09
sdW=355.2
fwW=1.84
sdS=157.0
fwS=2.06
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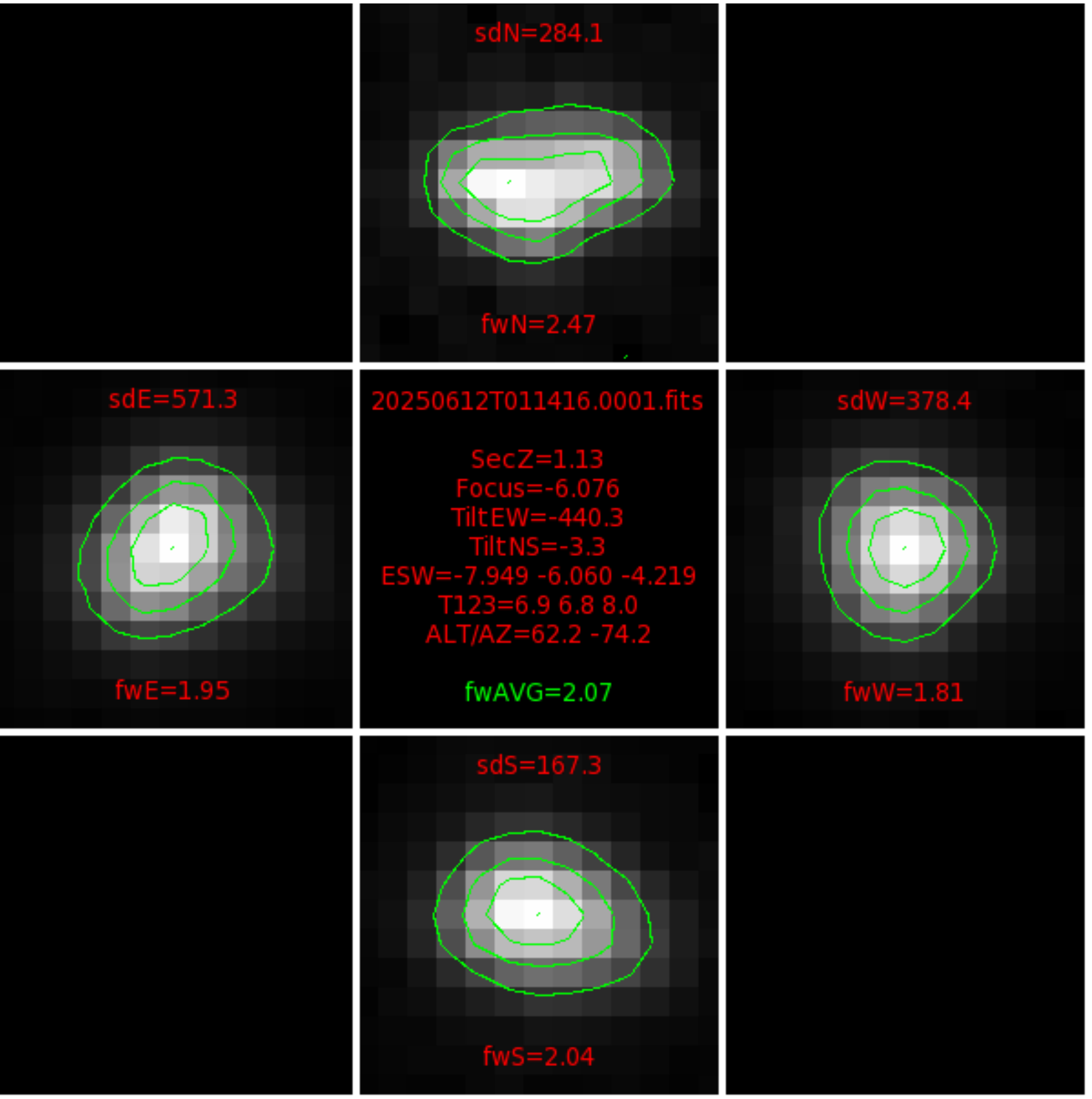
sdN=284.1
fwN=2.47
sdE=571.3
fwE=1.95
20250612T011416.0001.fits
SecZ=1.13
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.9 6.8 8.0
ALT/AZ=62.2 -74.2
fwAVG=2.07
sdW=378.4
fwW=1.81
sdS=167.3
fwS=2.04
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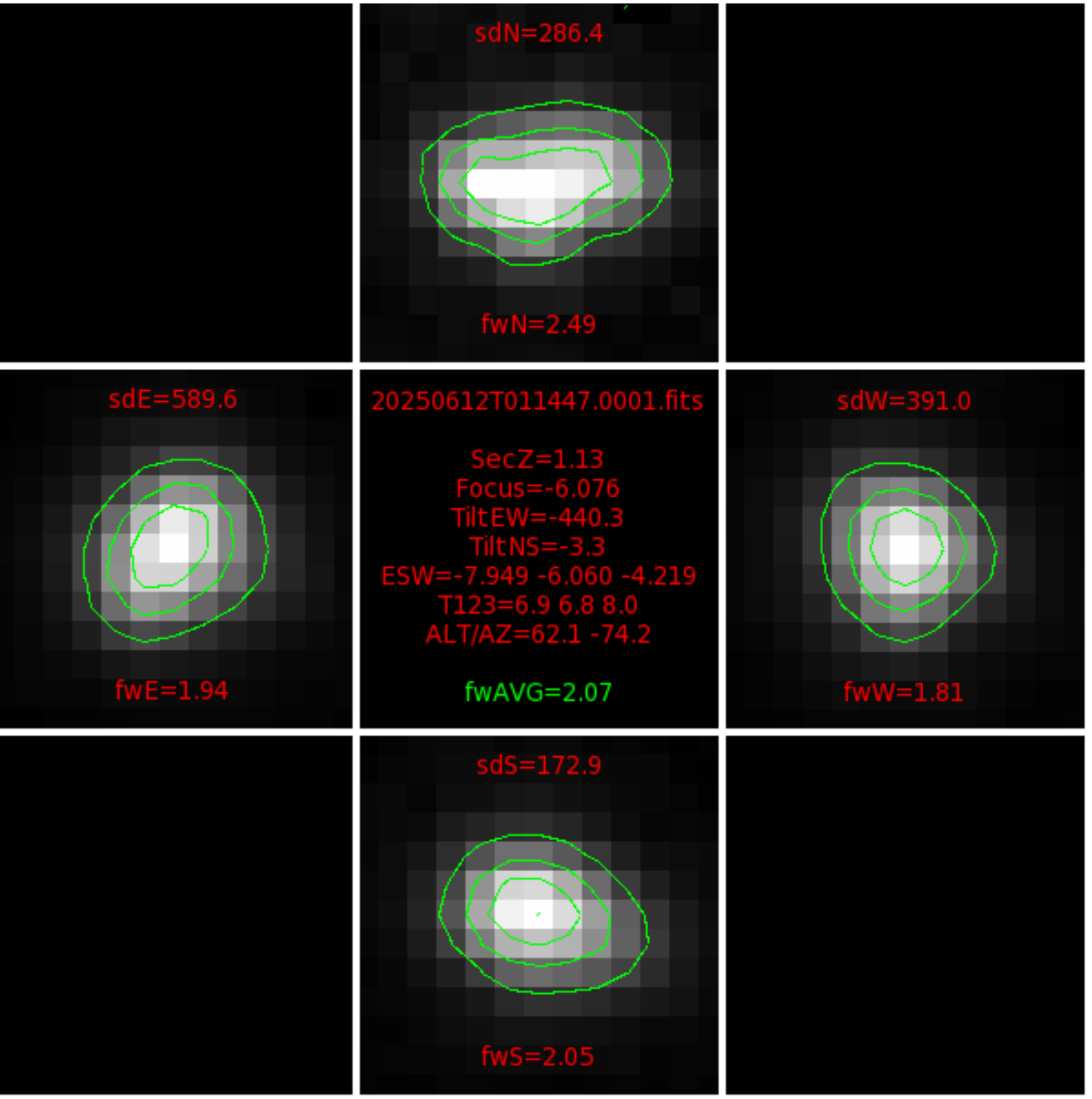
sdN=286.4
fwN=2.49
sdE=589.6
fwE=1.94
20250612T011447.0001.fits
SecZ=1.13
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.9 6.8 8.0
ALT/AZ=62.1 -74.2
fwAVG=2.07
sdW=391.0
fwW=1.81
sdS=172.9
fwS=2.05
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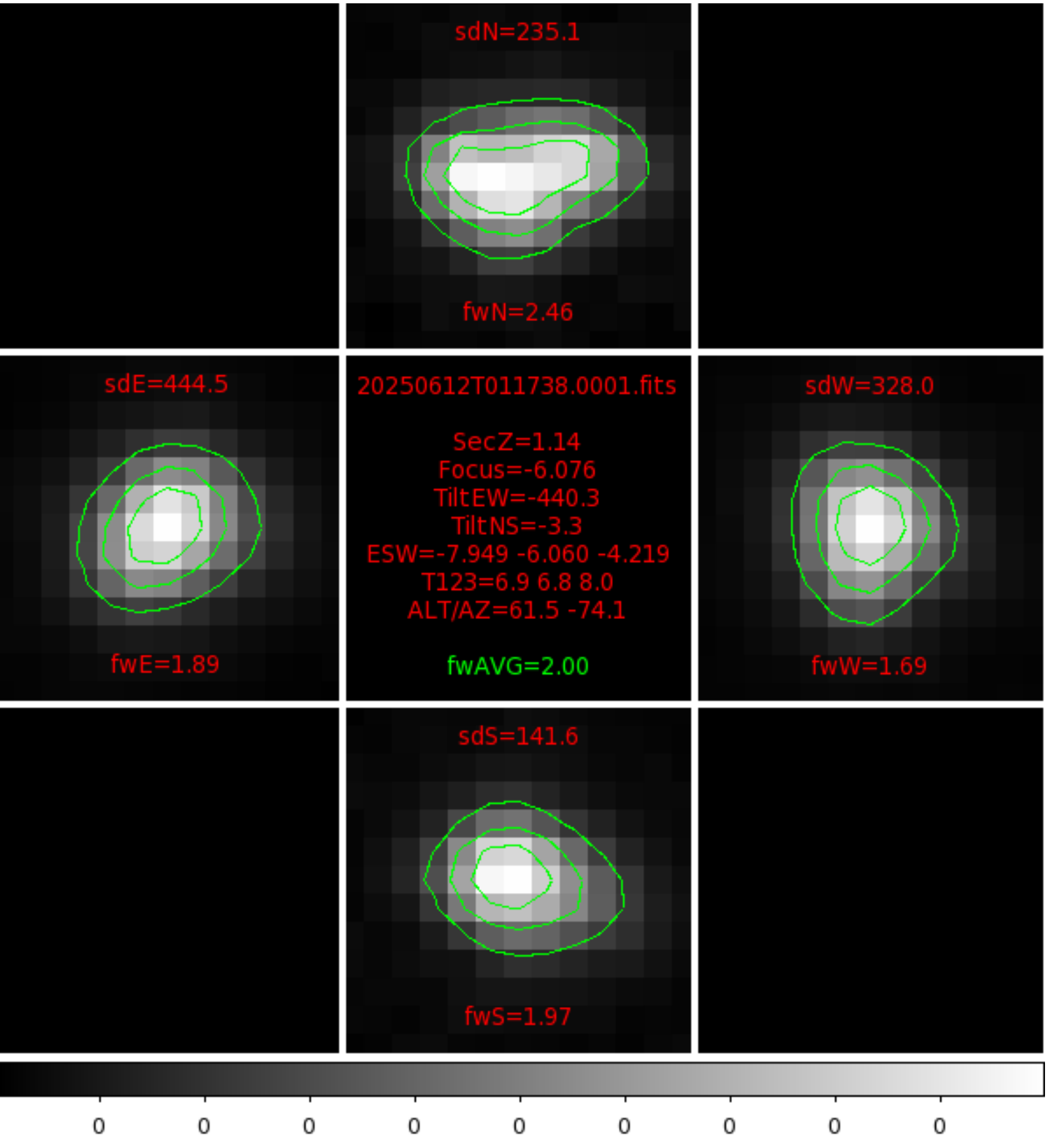
sdN=235.1
fwN=2.46
sdE=444.5
fwE=1.89
20250612T011738.0001.fits
SecZ=1.14
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.9 6.8 8.0
ALT/AZ=61.5 -74.1
fwAVG=2.00
sdW=328.0
fwW=1.69
sdS=141.6
fwS=1.97
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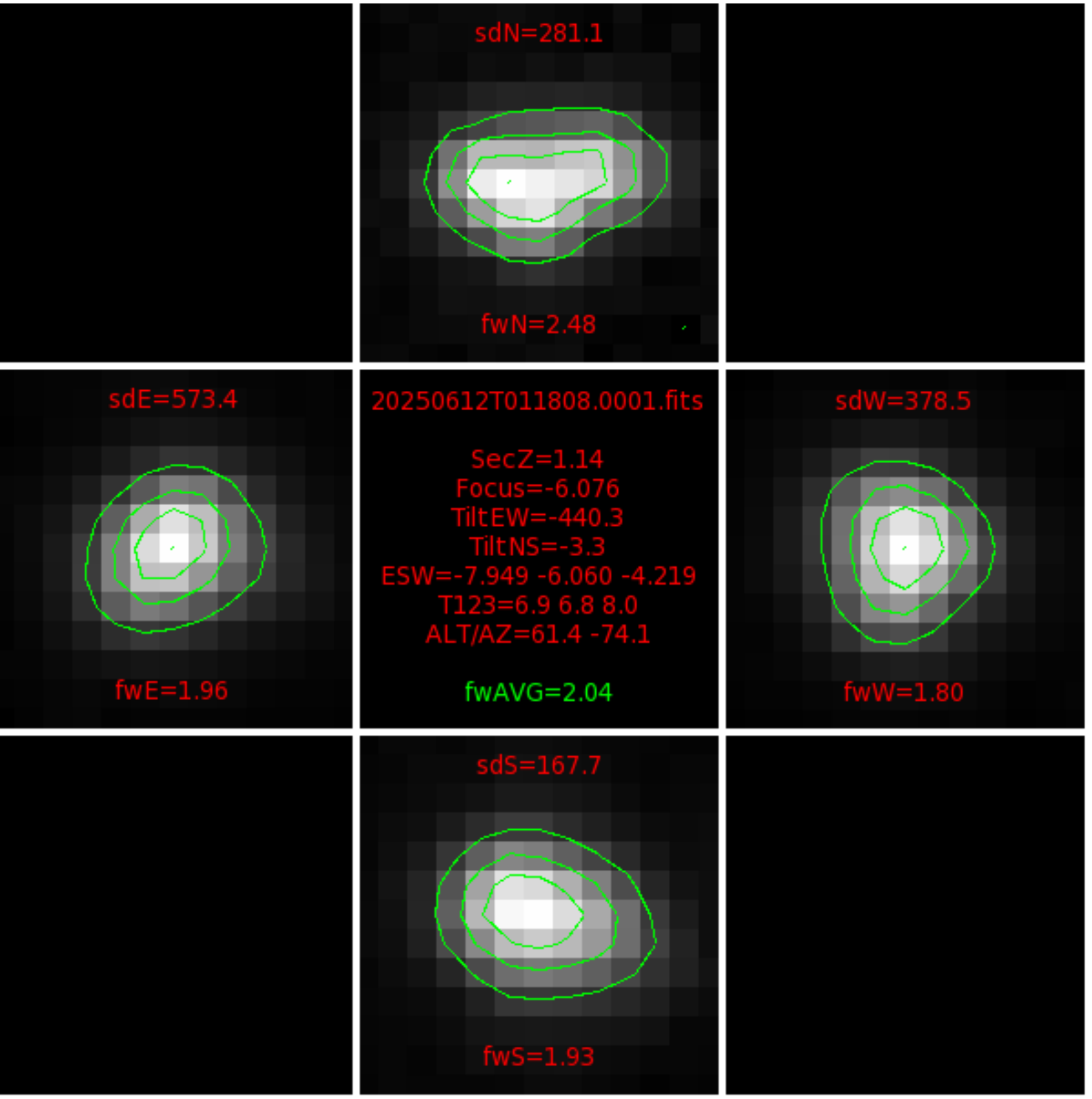
sdN=281.1
fwN=2.48
sdE=573.4
fwE=1.96
20250612T011808.0001.fits
SecZ=1.14
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.9 6.8 8.0
ALT/AZ=61.4 -74.1
fwAVG=2.04
sdW=378.5
fwW=1.80
sdS=167.7
fwS=1.93
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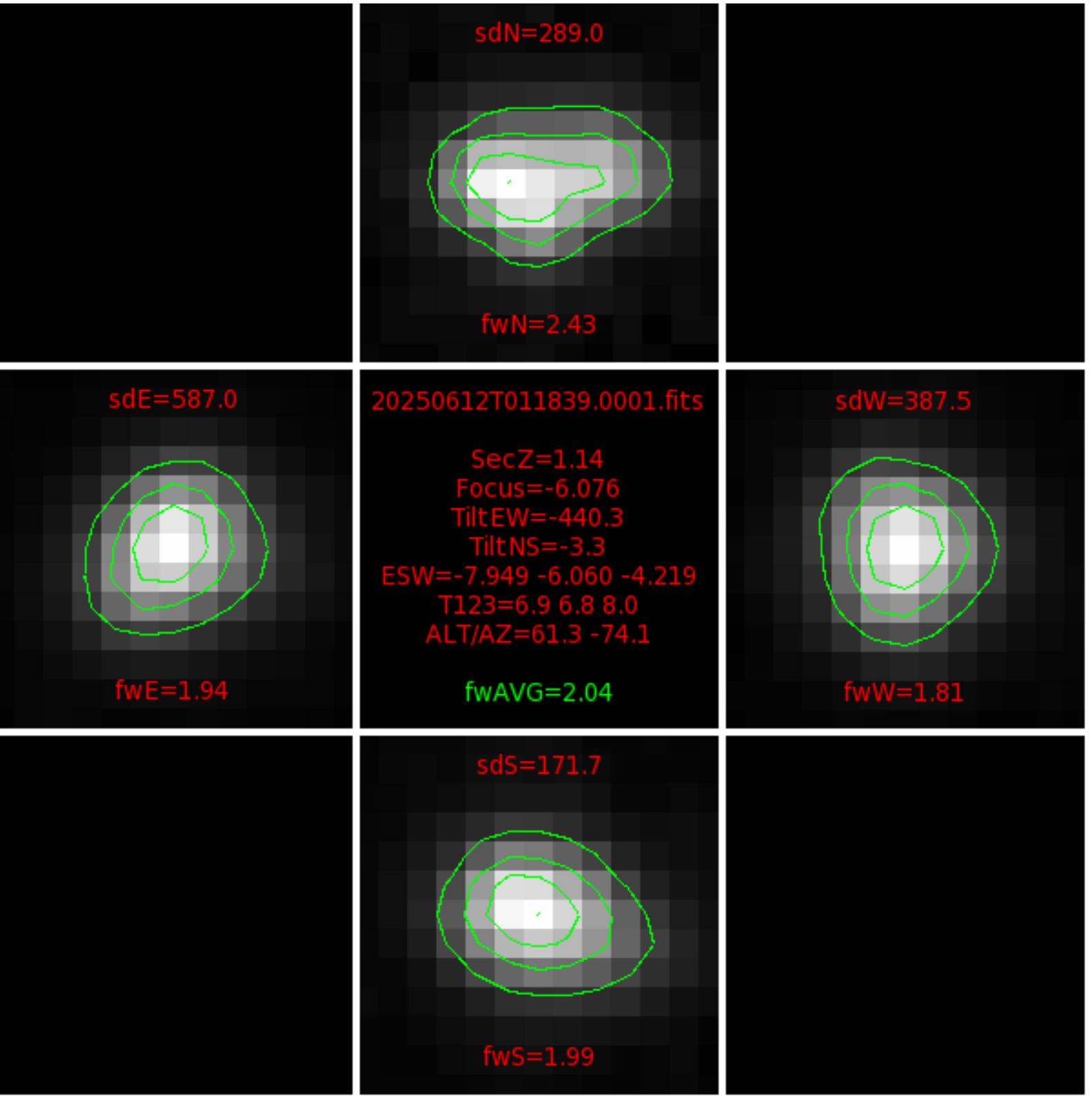
sdN=289.0
fwN=2.43
sdE=587.0
fwE=1.94
20250612T011839.0001.fits
SecZ=1.14
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.9 6.8 8.0
ALT/AZ=61.3 -74.1
fwAVG=2.04
sdW=387.5
fwW=1.81
sdS=171.7
fwS=1.99
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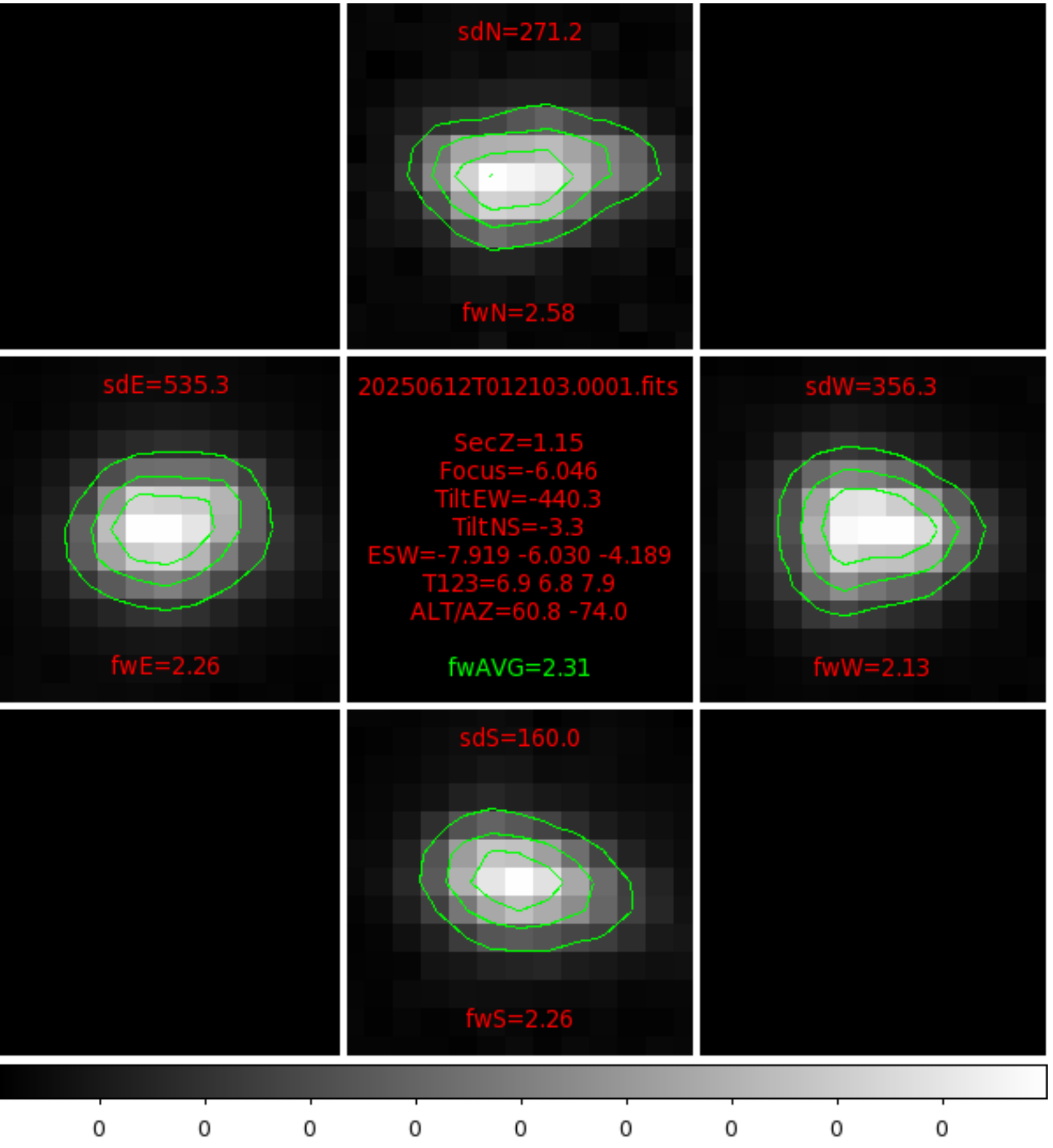
sdN=271.2
fwN=2.58
sdE=535.3
fwE=2.26
20250612T012103.0001.fits
SecZ=1.15
Focus=-6.046
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.919 -6.030 -4.189
T123=6.9 6.8 7.9
ALT/AZ=60.8 -74.0
fwAVG=2.31
sdW=356.3
fwW=2.13
sdS=160.0
fwS=2.26
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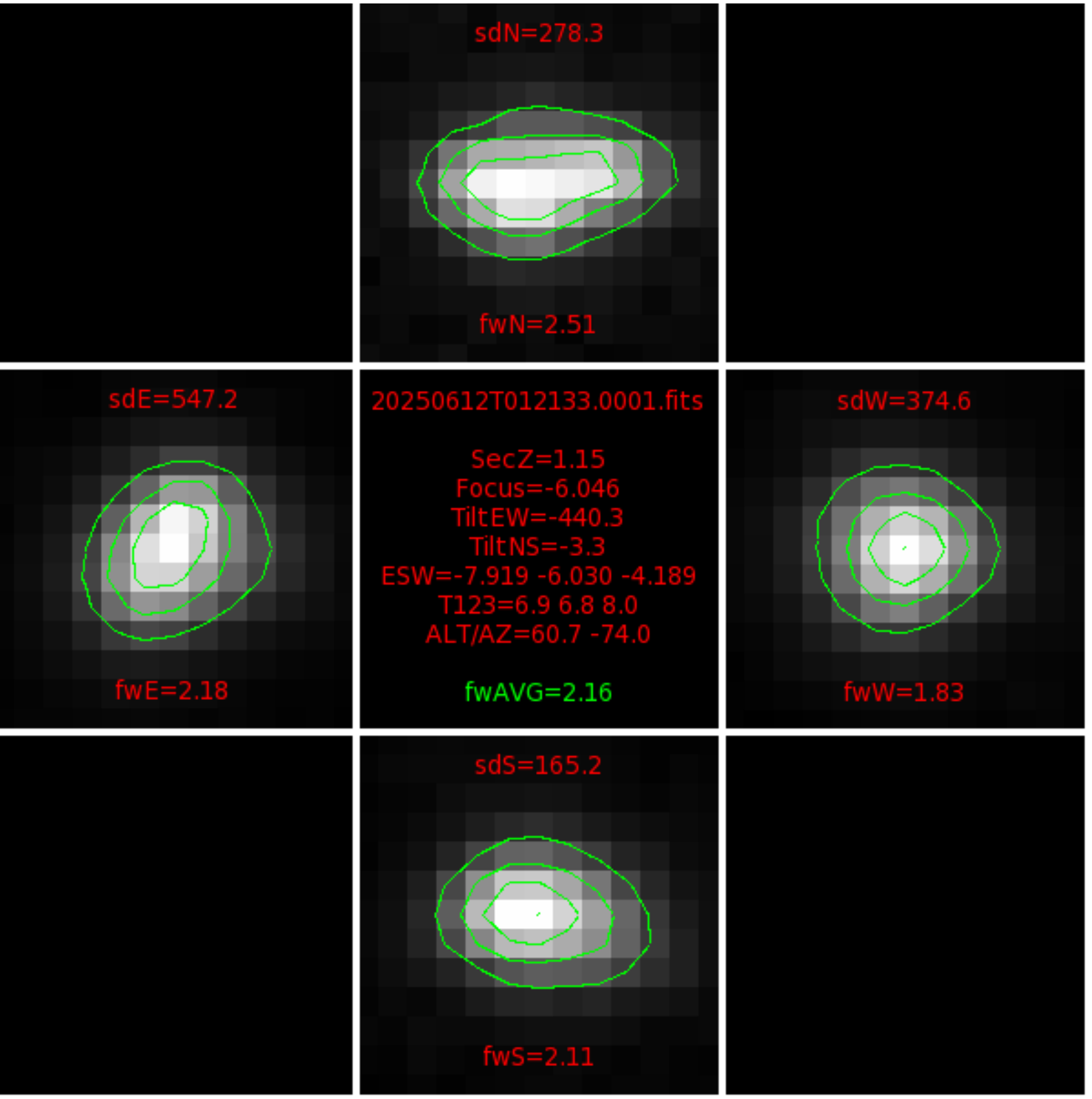
sdN=278.3
fwN=2.51
sdE=547.2
fwE=2.18
20250612T012133.0001.fits
SecZ=1.15
Focus=-6.046
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.919 -6.030 -4.189
T123=6.9 6.8 8.0
ALT/AZ=60.7 -74.0
fwAVG=2.16
sdW=374.6
fwW=1.83
sdS=165.2
fwS=2.11
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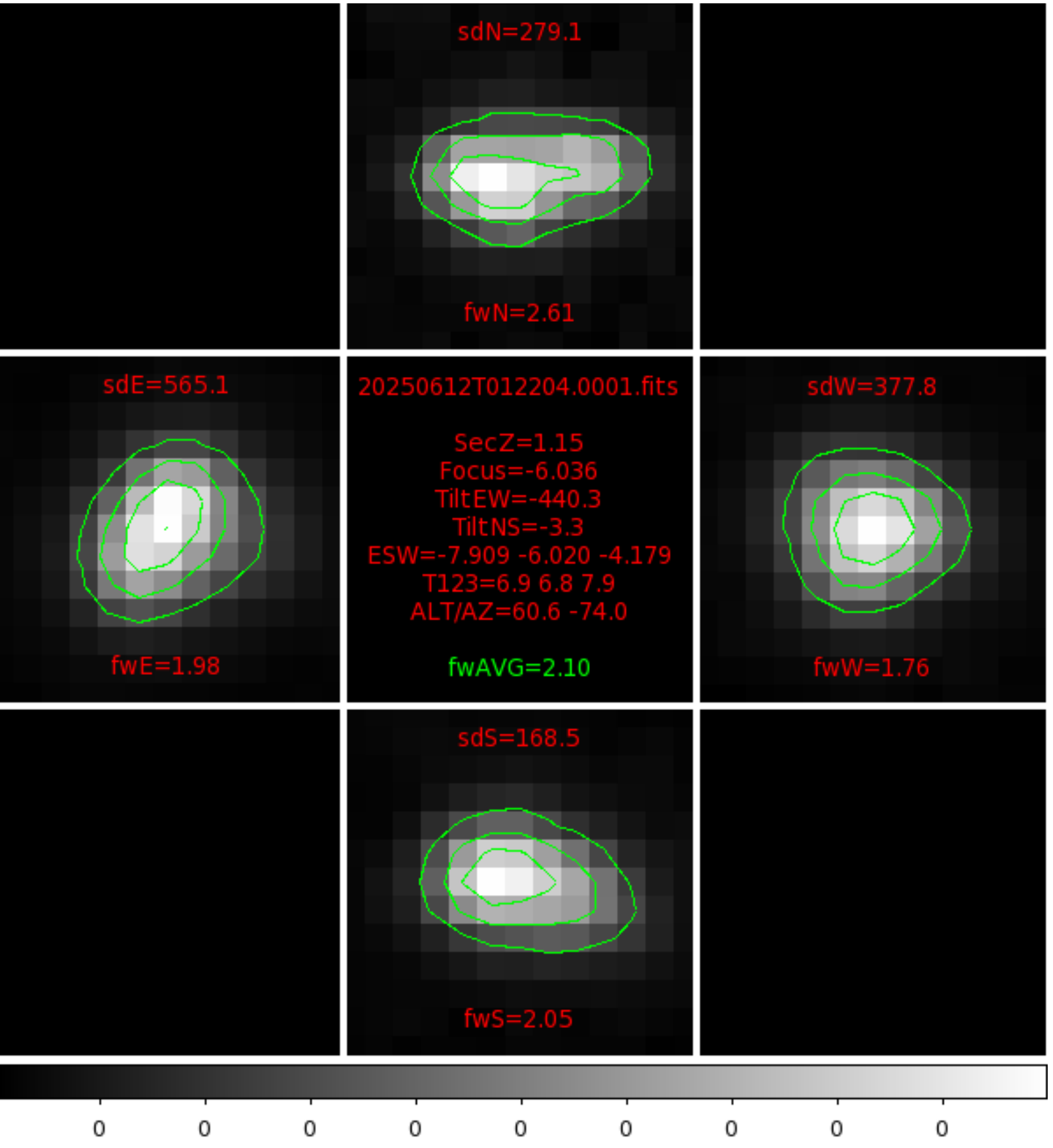
sdN=279.1
fwN=2.61
sdE=565.1
fwE=1.98
20250612T012204.0001.fits
SecZ=1.15
Focus=-6.036
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.909 -6.020 -4.179
T123=6.9 6.8 7.9
ALT/AZ=60.6 -74.0
fwAVG=2.10
sdW=377.8
fwW=1.76
sdS=168.5
fwS=2.05
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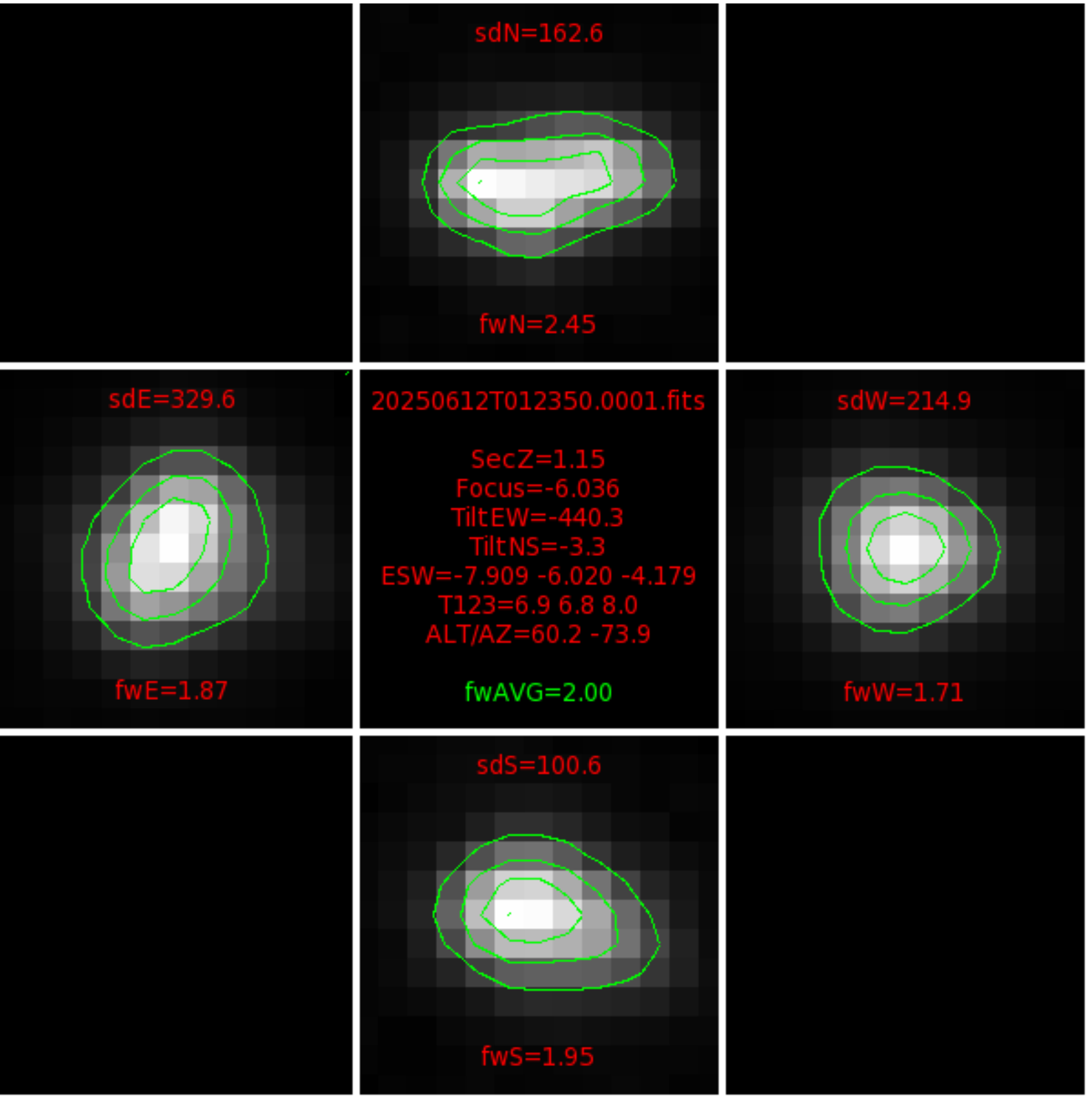
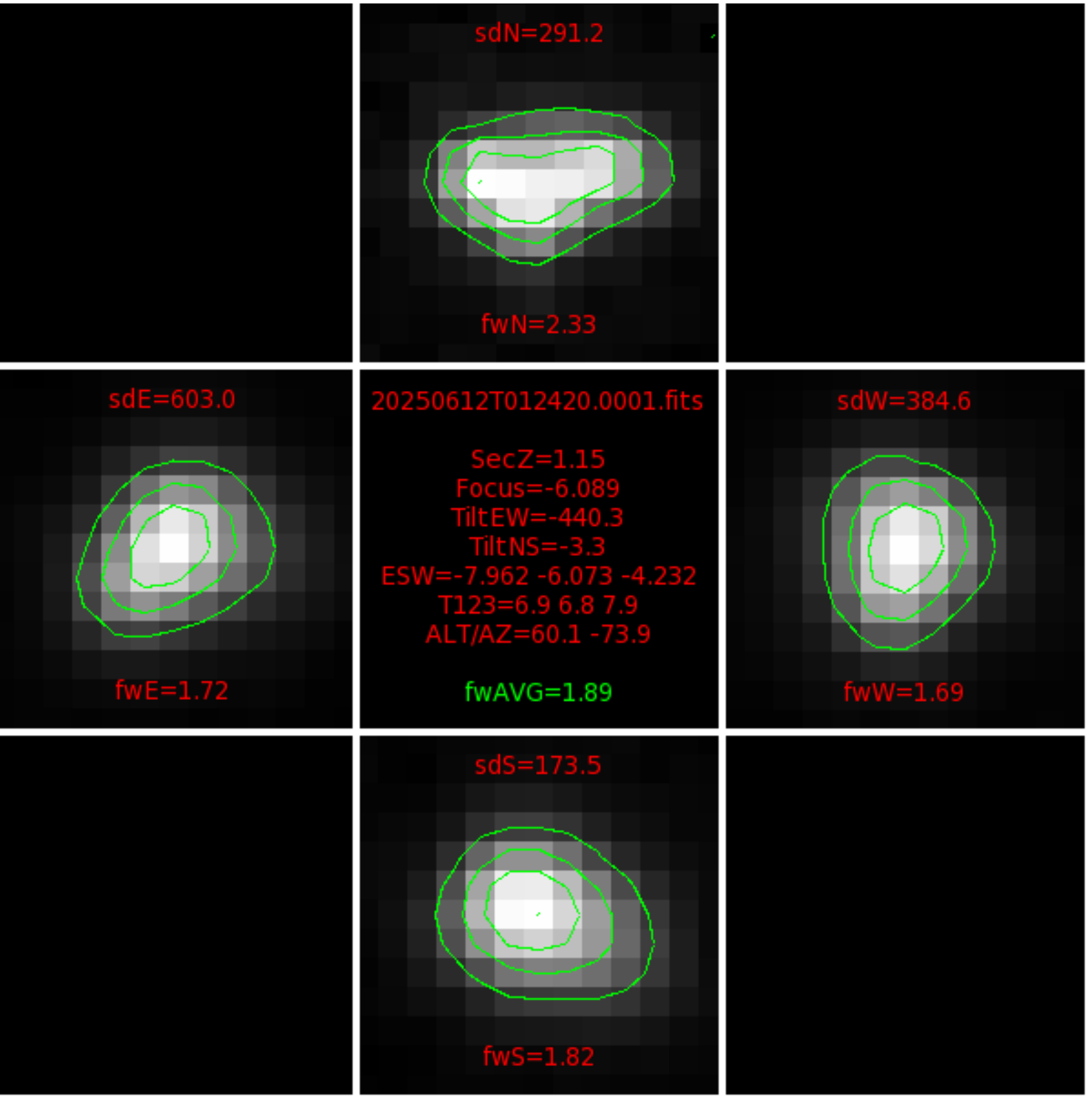

sdN=162.6
fwN=2.45
sdE=329.6
fwE=1.87
20250612T012350.0001.fits
SecZ=1.15
Focus=-6.036
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.909 -6.020 -4.179
T123=6.9 6.8 8.0
ALT/AZ=60.2 -73.9
fwAVG=2.00
sdW=214.9
fwW=1.71
sdS=100.6
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=291.2
fwN=2.33
sdE=603.0
fwE=1.72
20250612T012420.0001.fits
SecZ=1.15
Focus=-6.089
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.962 -6.073 -4.232
T123=6.9 6.8 7.9
ALT/AZ=60.1 -73.9
fwAVG=1.89
sdW=384.6
fwW=1.69
sdS=173.5
fwS=1.82
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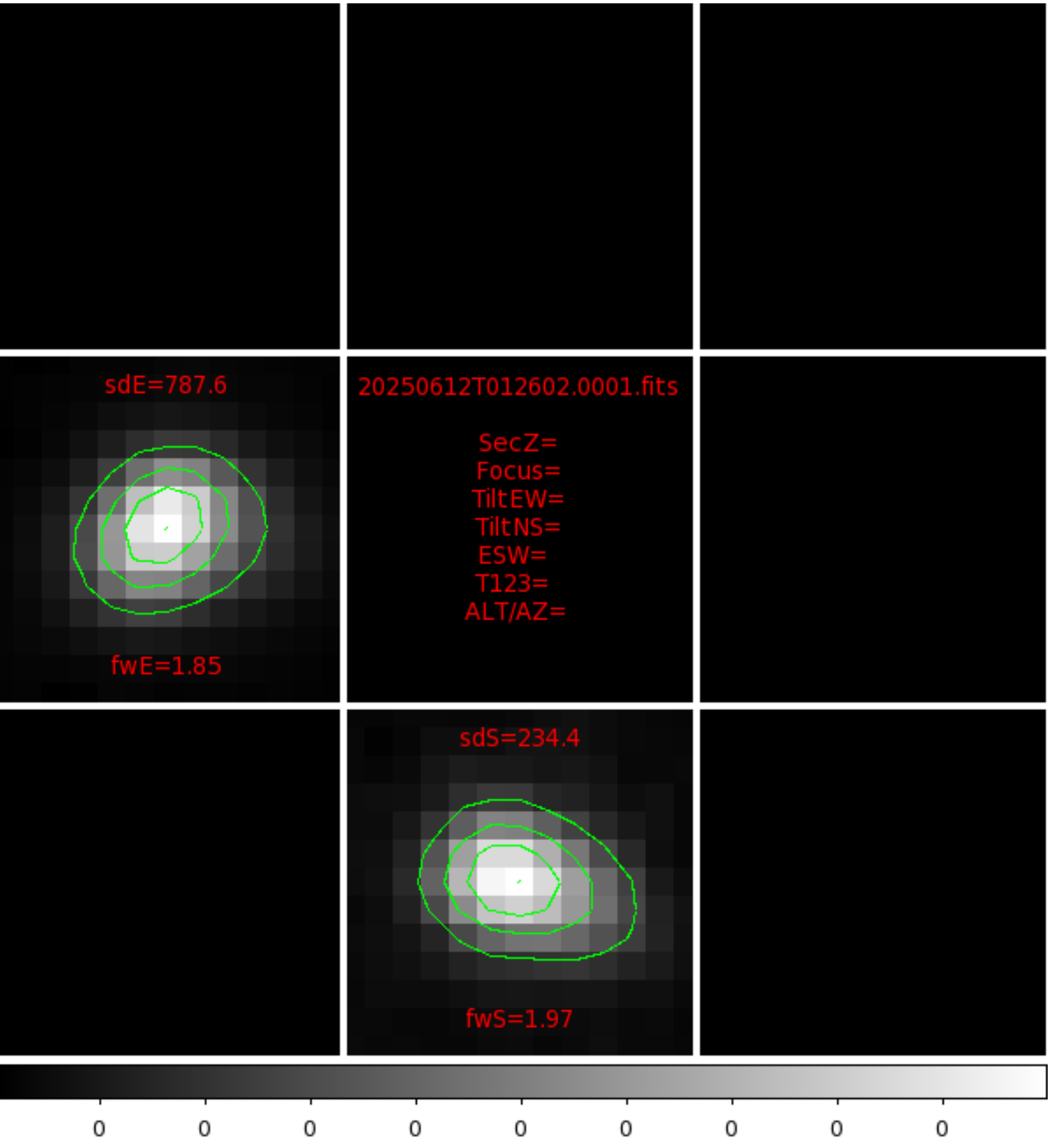
sdE=787.6
20250612T012602.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=1.85
sdS=234.4
fwS=1.97
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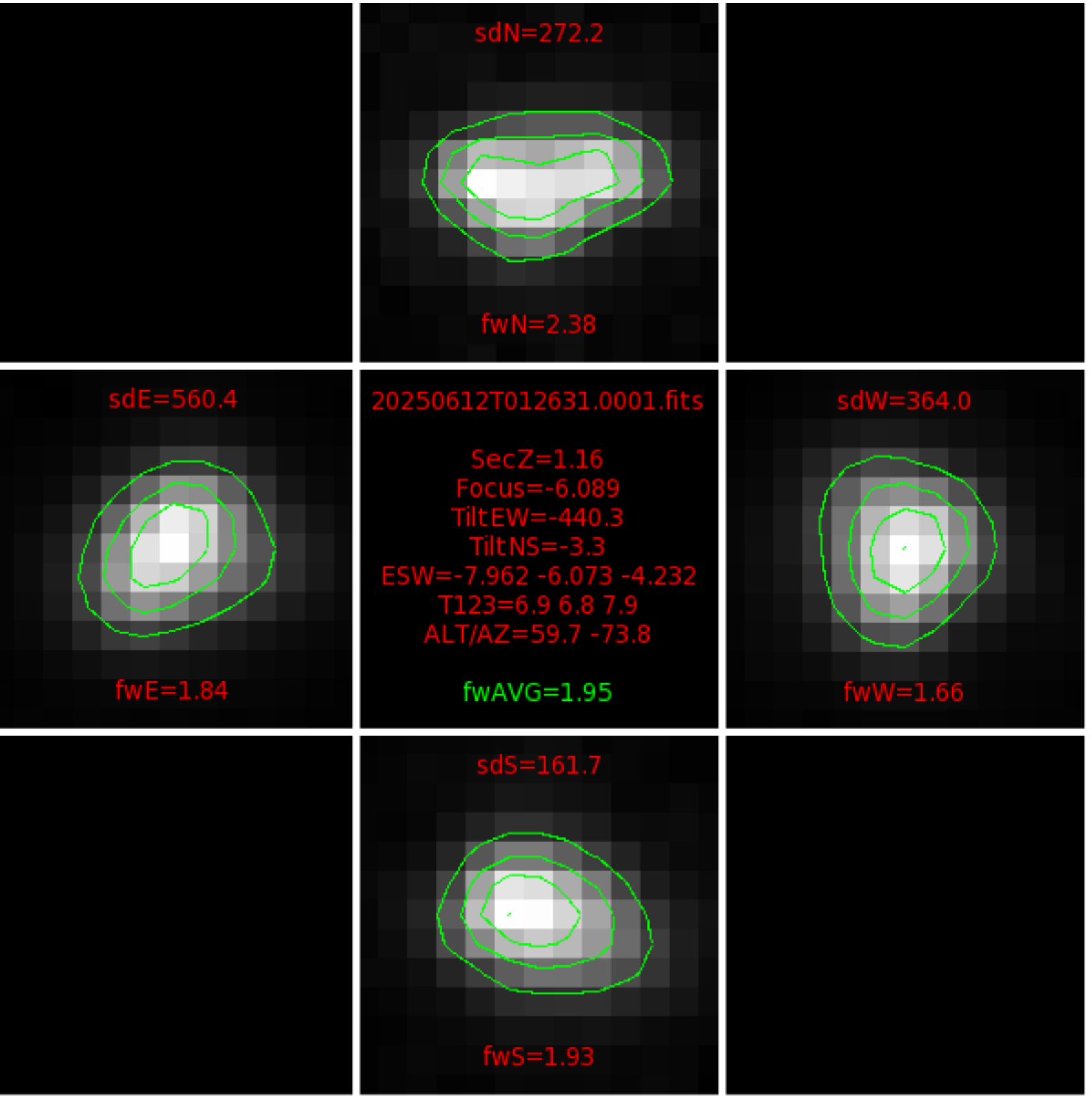
sdN=272.2
fwN=2.38
sdE=560.4
fwE=1.84
20250612T012631.0001.fits
SecZ=1.16
Focus=-6.089
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.962 -6.073 -4.232
T123=6.9 6.8 7.9
ALT/AZ=59.7 -73.8
fwAVG=1.95
sdW=364.0
fwW=1.66
sdS=161.7
fwS=1.93
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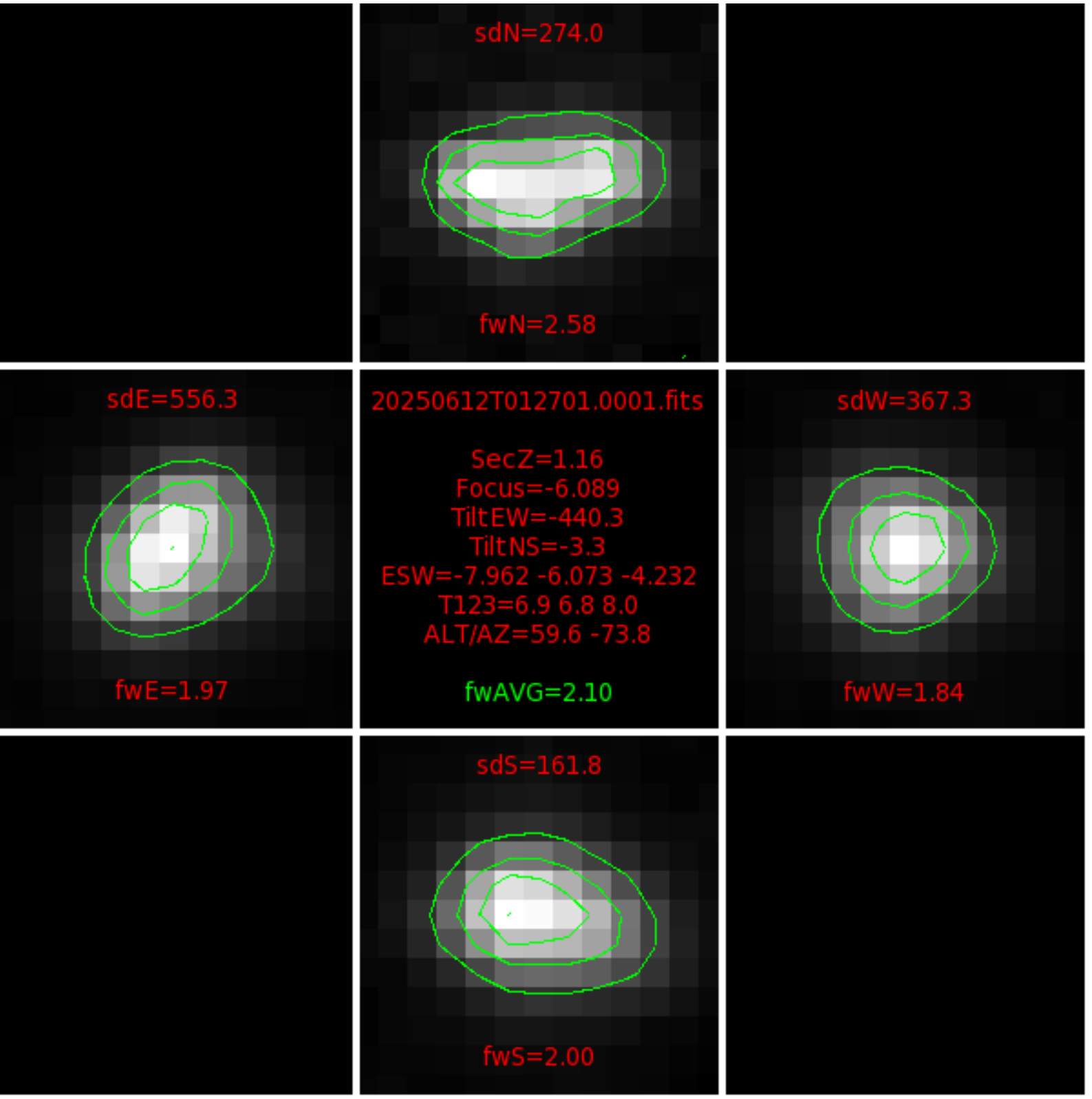
sdN=274.0
fwN=2.58
sdE=556.3
fwE=1.97
20250612T012701.0001.fits
SecZ=1.16
Focus=-6.089
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.962 -6.073 -4.232
T123=6.9 6.8 8.0
ALT/AZ=59.6 -73.8
fwAVG=2.10
sdW=367.3
fwW=1.84
sdS=161.8
fwS=2.00
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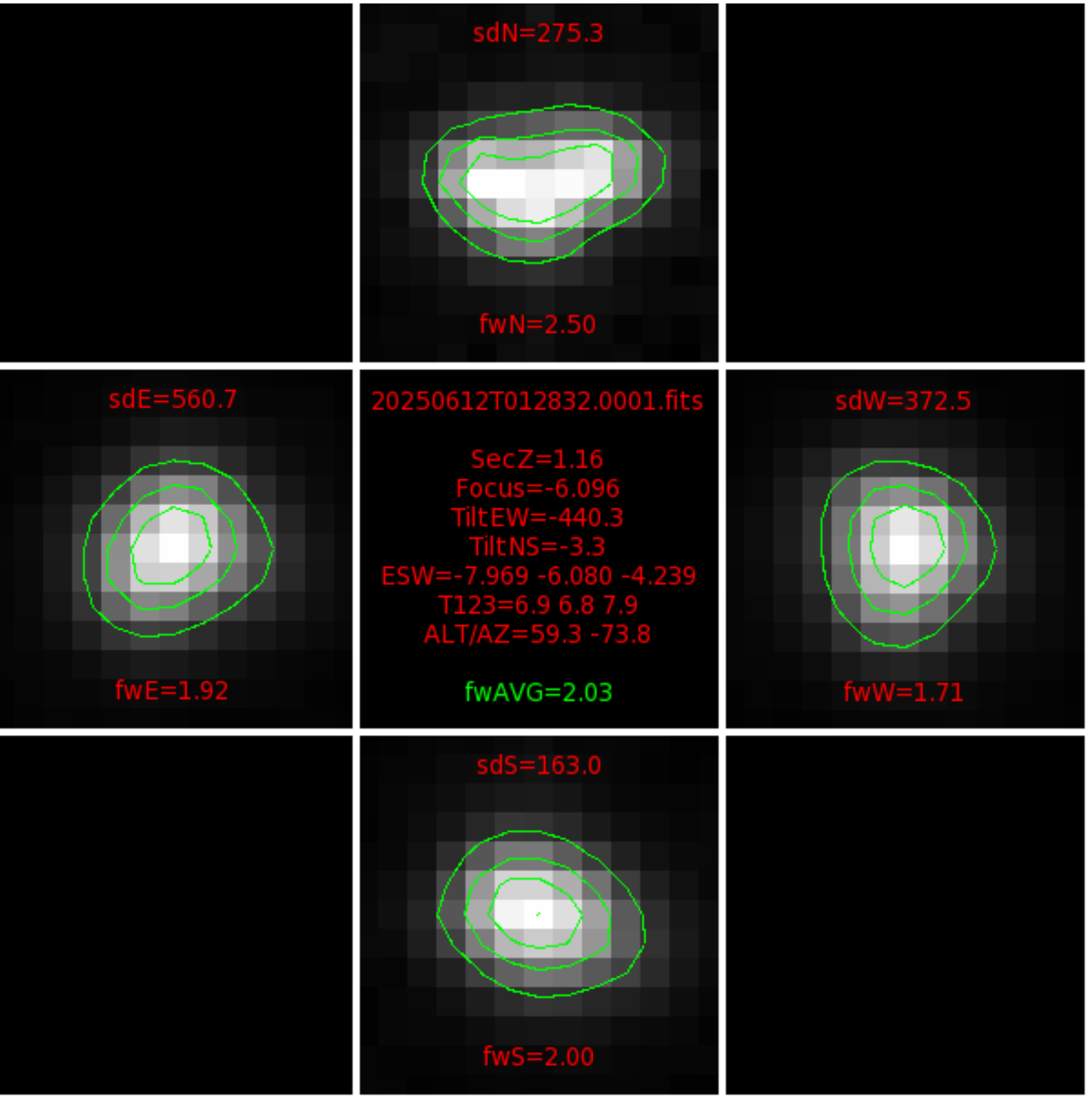
sdN=275.3
fwN=2.50
sdE=560.7
fwE=1.92
20250612T012832.0001.fits
SecZ=1.16
Focus=-6.096
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.969 -6.080 -4.239
T123=6.9 6.8 7.9
ALT/AZ=59.3 -73.8
fwAVG=2.03
sdW=372.5
fwW=1.71
sdS=163.0
fwS=2.00
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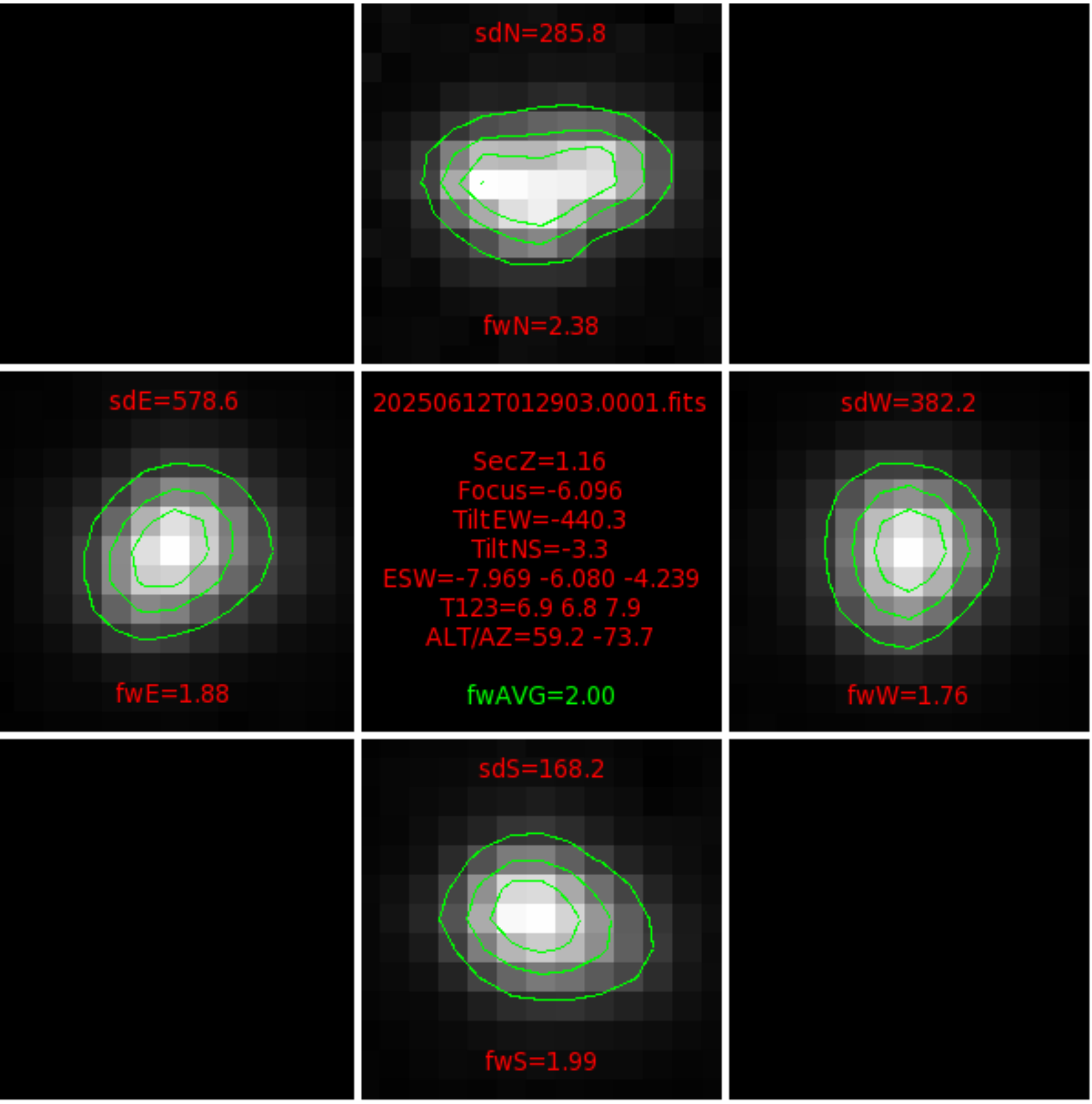
sdN=285.8
fwN=2.38
sdE=578.6
fwE=1.88
20250612T012903.0001.fits
SecZ=1.16
Focus=-6.096
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.969 -6.080 -4.239
T123=6.9 6.8 7.9
ALT/AZ=59.2 -73.7
fwAVG=2.00
sdW=382.2
fwW=1.76
sdS=168.2
fwS=1.99
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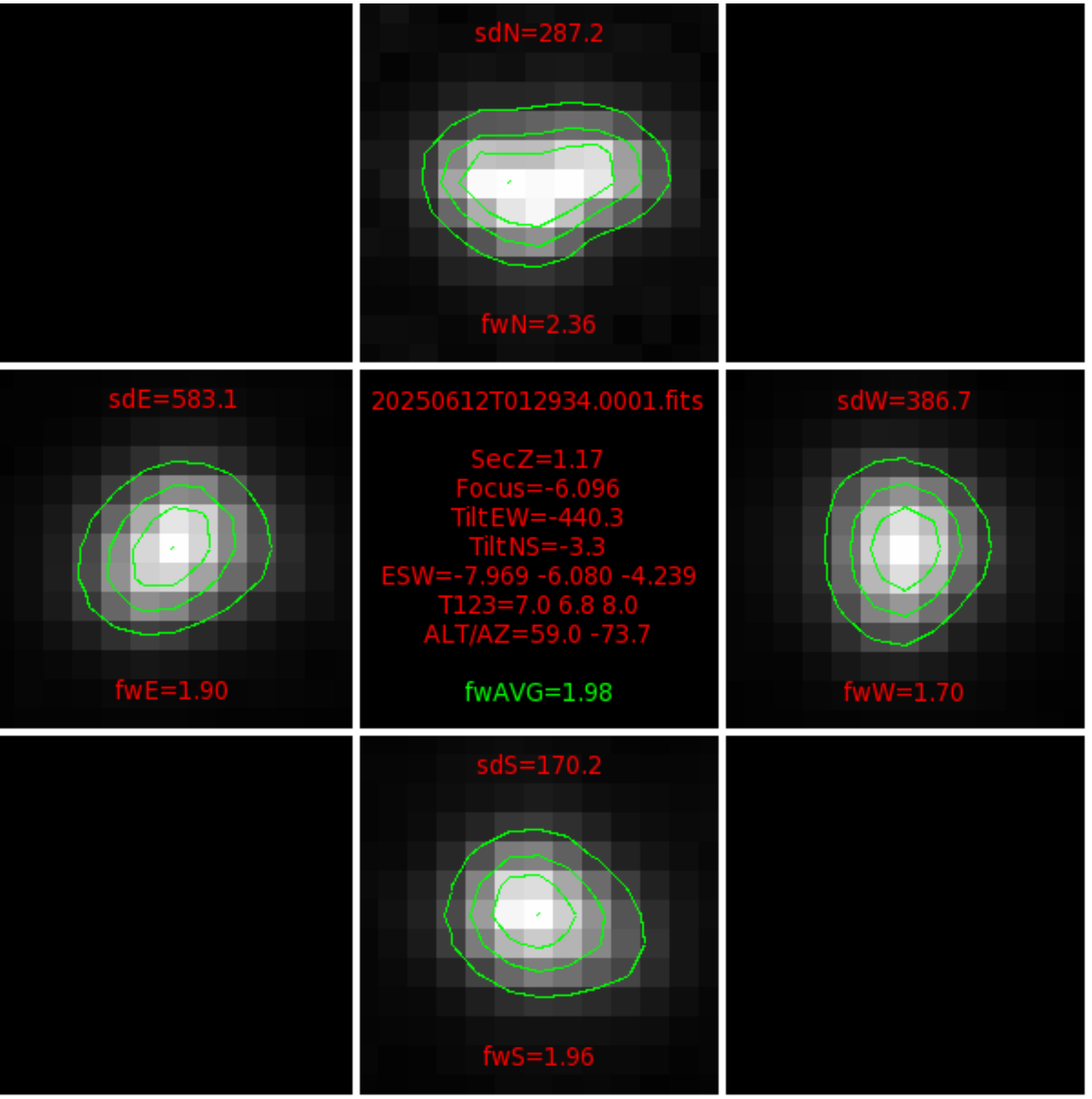
sdN=287.2
fwN=2.36
sdE=583.1
fwE=1.90
20250612T012934.0001.fits
SecZ=1.17
Focus=-6.096
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.969 -6.080 -4.239
T123=7.0 6.8 8.0
ALT/AZ=59.0 -73.7
fwAVG=1.98
sdW=386.7
fwW=1.70
sdS=170.2
fwS=1.96
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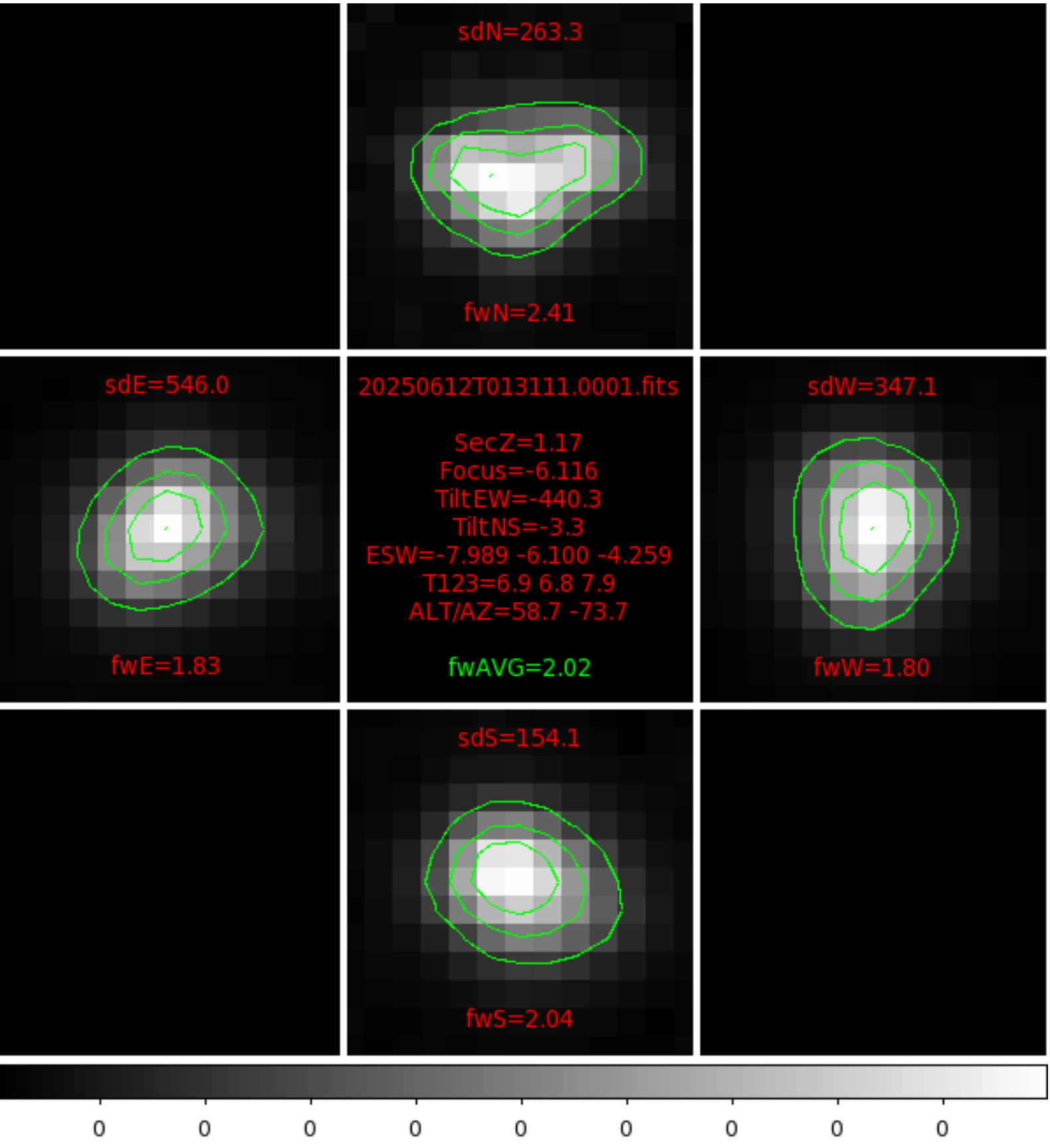
sdN=263.3
fwN=2.41
sdE=546.0
fwE=1.83
20250612T013111.0001.fits
SecZ=1.17
Focus=-6.116
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.989 -6.100 -4.259
T123=6.9 6.8 7.9
ALT/AZ=58.7 -73.7
fwAVG=2.02
sdW=347.1
fwW=1.80
sdS=154.1
fwS=2.04
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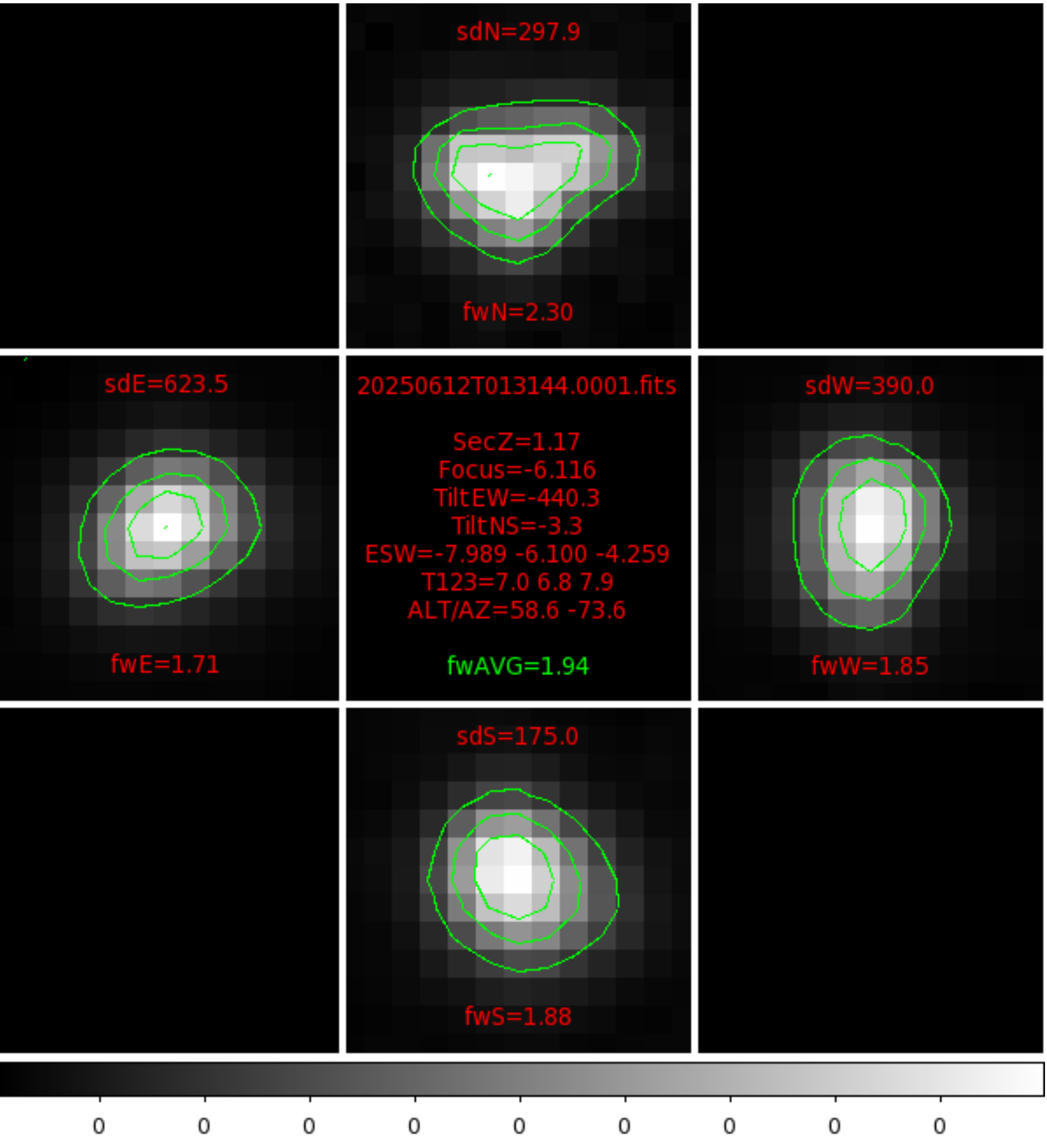
sdN=297.9
fwN=2.30
sdE=623.5
fwE=1.71
20250612T013144.0001.fits
SecZ=1.17
Focus=-6.116
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.989 -6.100 -4.259
T123=7.0 6.8 7.9
ALT/AZ=58.6 -73.6
fwAVG=1.94
sdW=390.0
fwW=1.85
sdS=175.0
fwS=1.88
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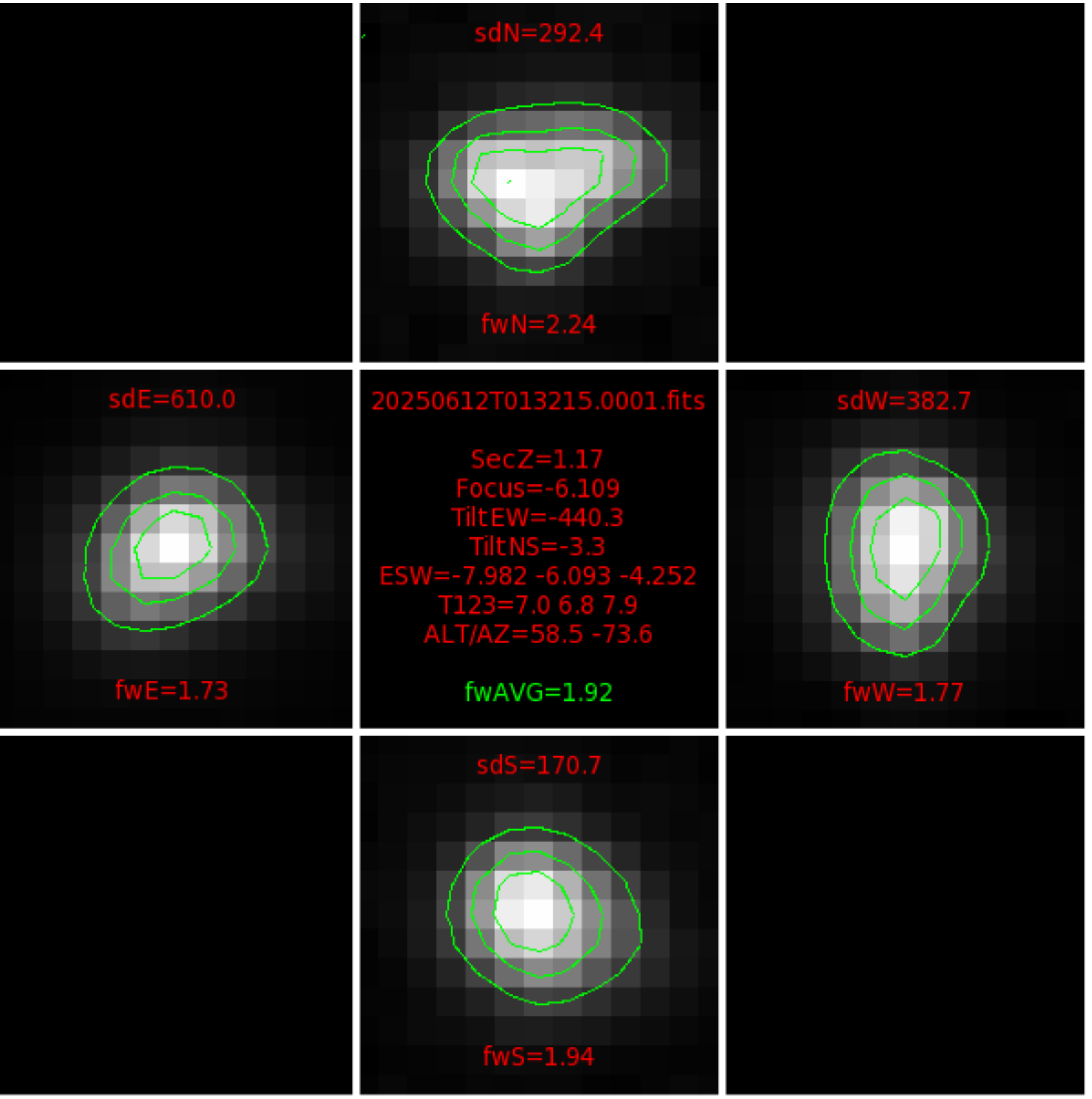
sdN=292.4
fwN=2.24
sdE=610.0
fwE=1.73
20250612T013215.0001.fits
SecZ=1.17
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.9
ALT/AZ=58.5 -73.6
fwAVG=1.92
sdW=382.7
fwW=1.77
sdS=170.7
fwS=1.94
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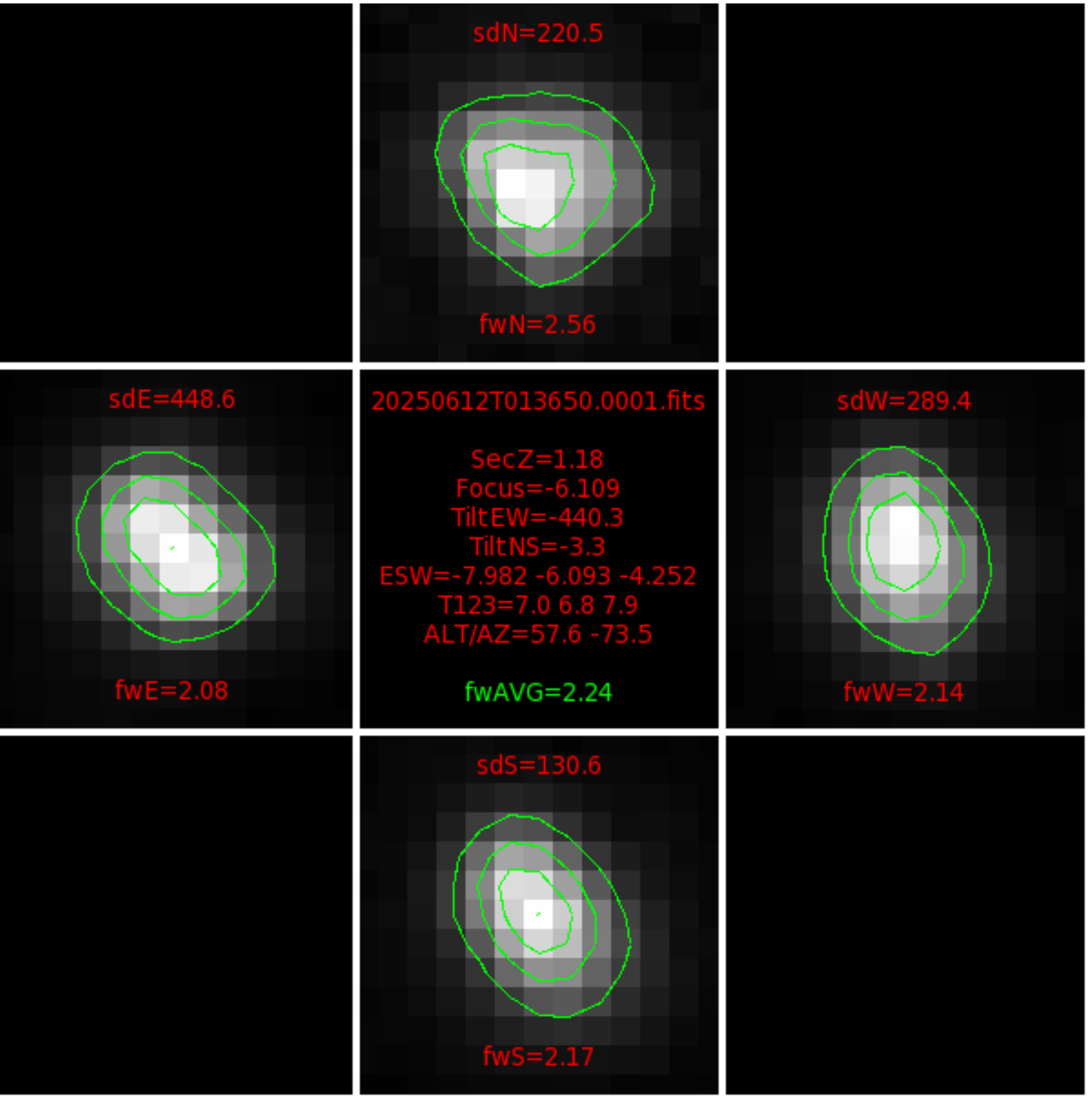
sdN=220.5
fwN=2.56
sdE=448.6
fwE=2.08
20250612T013650.0001.fits
SecZ=1.18
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.9
ALT/AZ=57.6 -73.5
fwAVG=2.24
sdW=289.4
fwW=2.14
sdS=130.6
fwS=2.17
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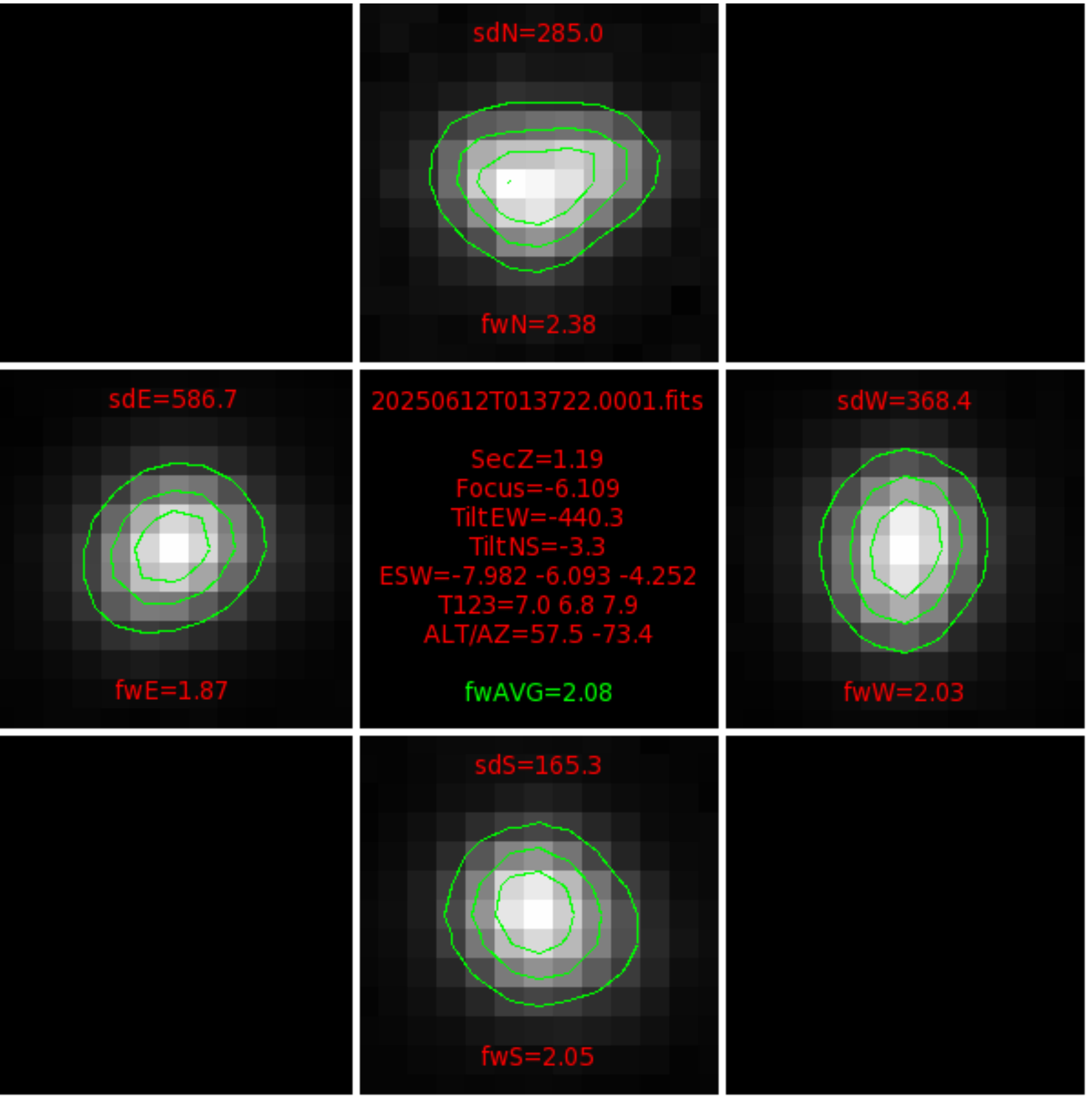
sdN=285.0
fwN=2.38
sdE=586.7
fwE=1.87
20250612T013722.0001.fits
SecZ=1.19
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.9
ALT/AZ=57.5 -73.4
fwAVG=2.08
sdW=368.4
fwW=2.03
sdS=165.3
fwS=2.05
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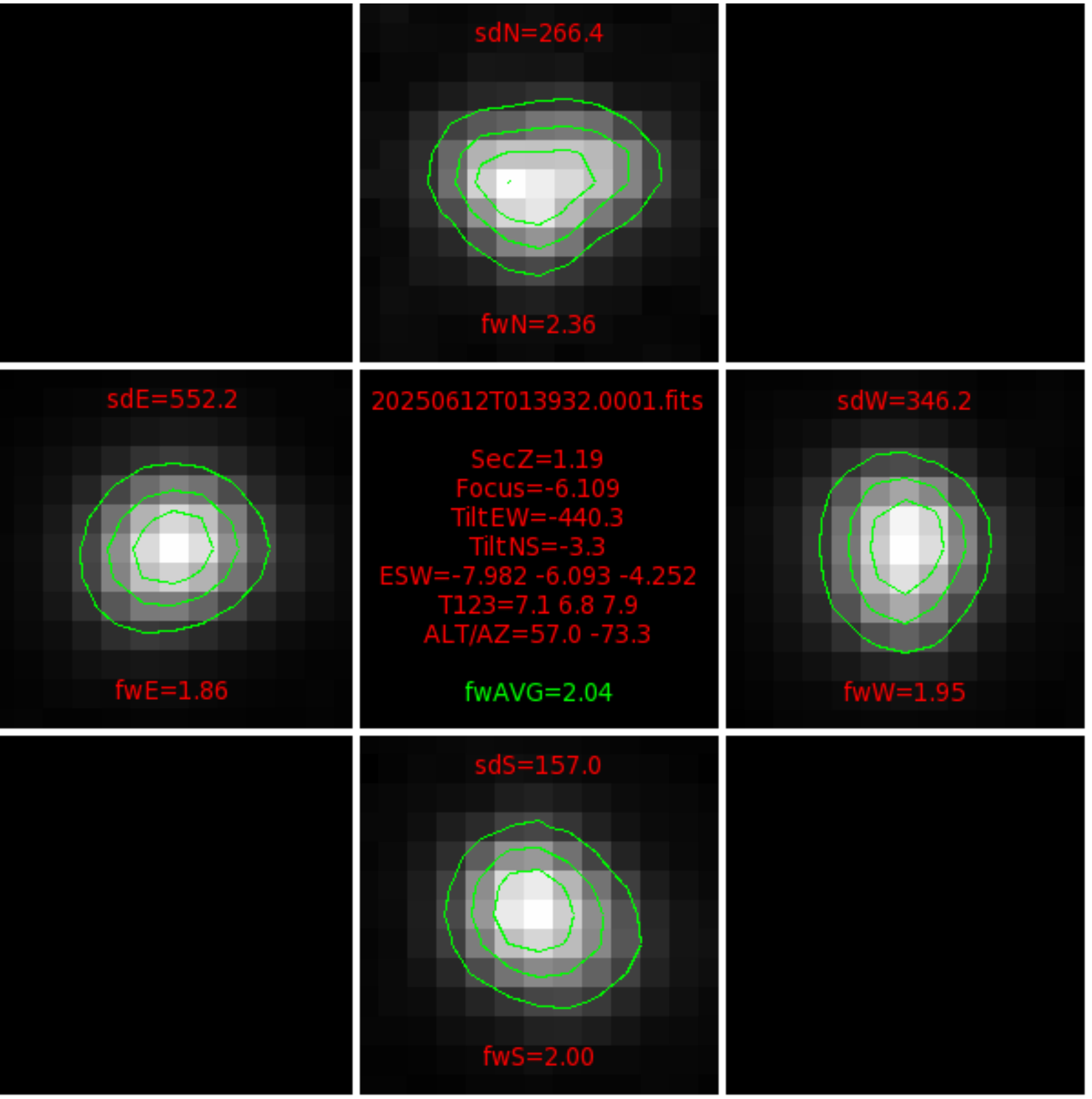
sdN=266.4
fwN=2.36
sdE=552.2
fwE=1.86
20250612T013932.0001.fits
SecZ=1.19
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.1 6.8 7.9
ALT/AZ=57.0 -73.3
fwAVG=2.04
sdW=346.2
fwW=1.95
sdS=157.0
fwS=2.00
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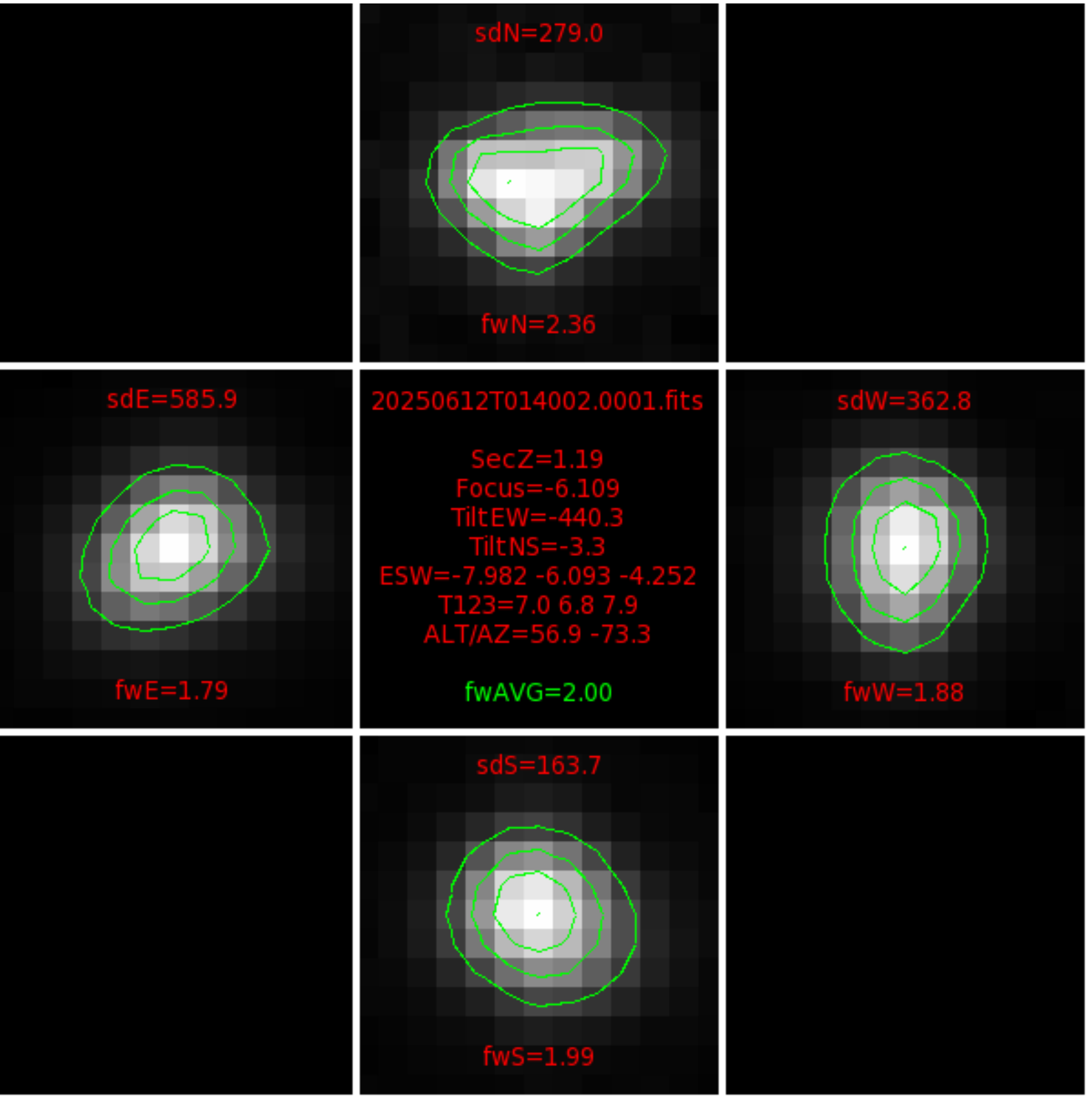
sdN=279.0
fwN=2.36
sdE=585.9
fwE=1.79
20250612T014002.0001.fits
SecZ=1.19
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.9
ALT/AZ=56.9 -73.3
fwAVG=2.00
sdW=362.8
fwW=1.88
sdS=163.7
fwS=1.99
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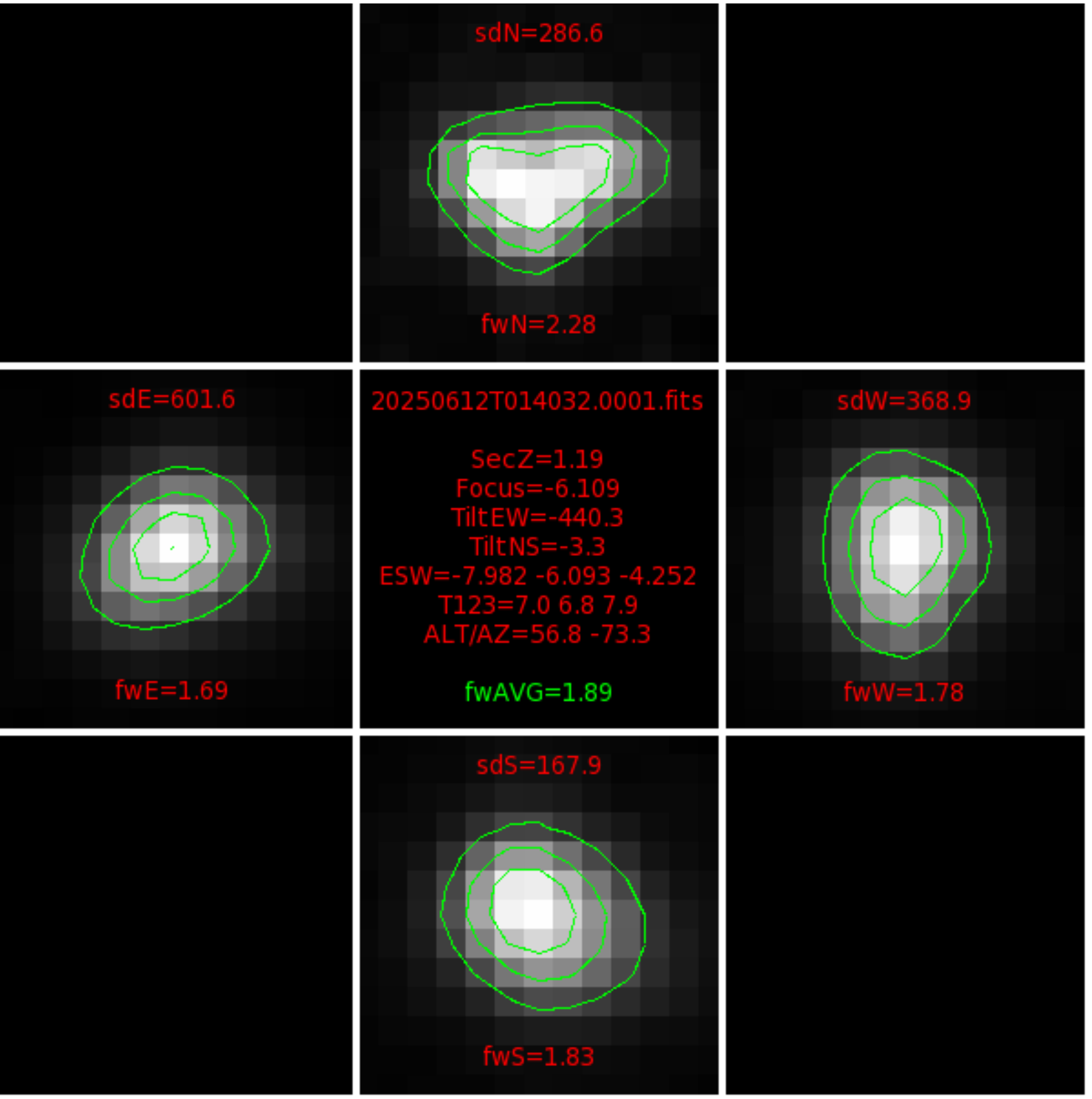
sdN=286.6
fwN=2.28
sdE=601.6
fwE=1.69
20250612T014032.0001.fits
SecZ=1.19
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.9
ALT/AZ=56.8 -73.3
fwAVG=1.89
sdW=368.9
fwW=1.78
sdS=167.9
fwS=1.83
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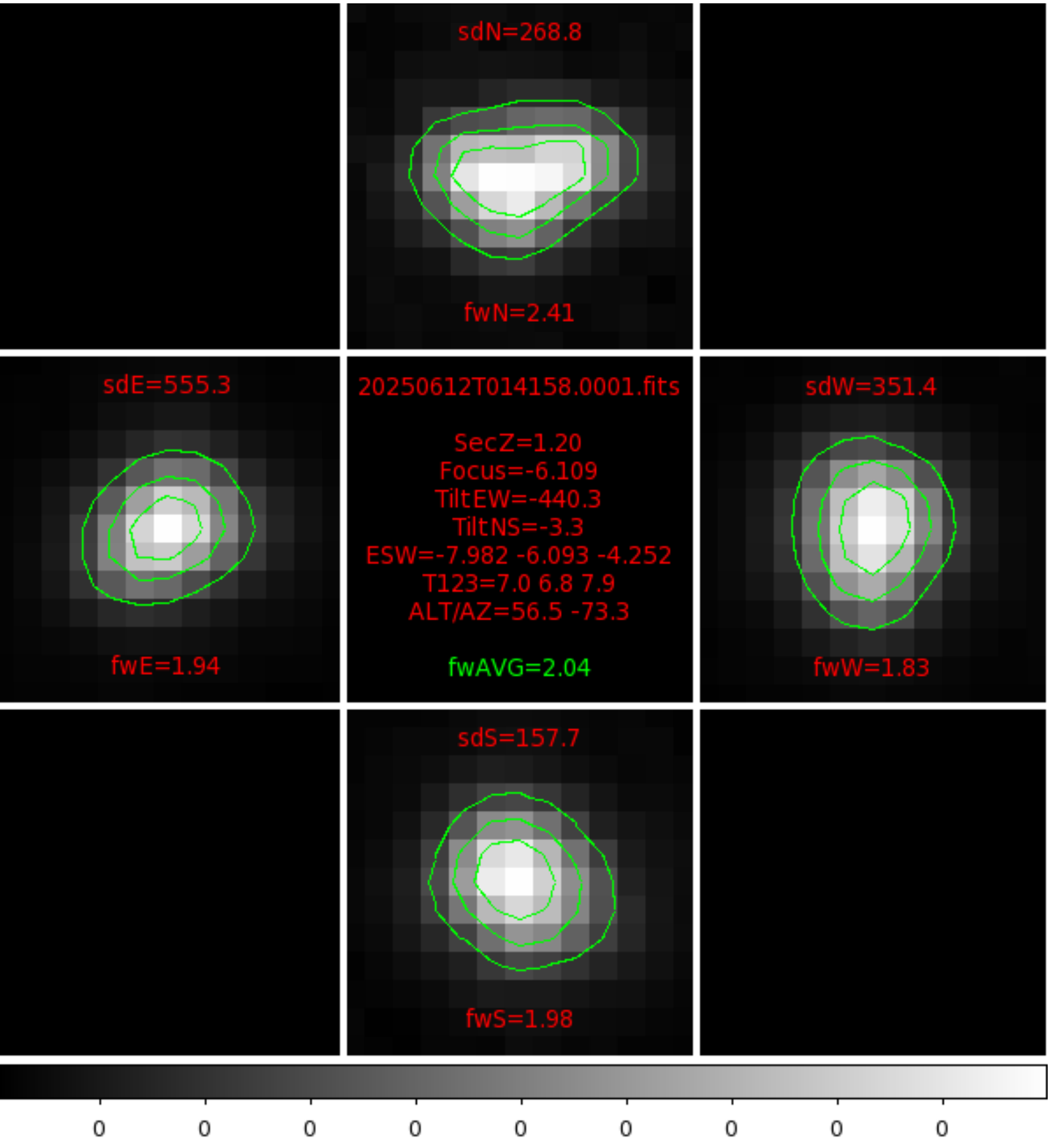
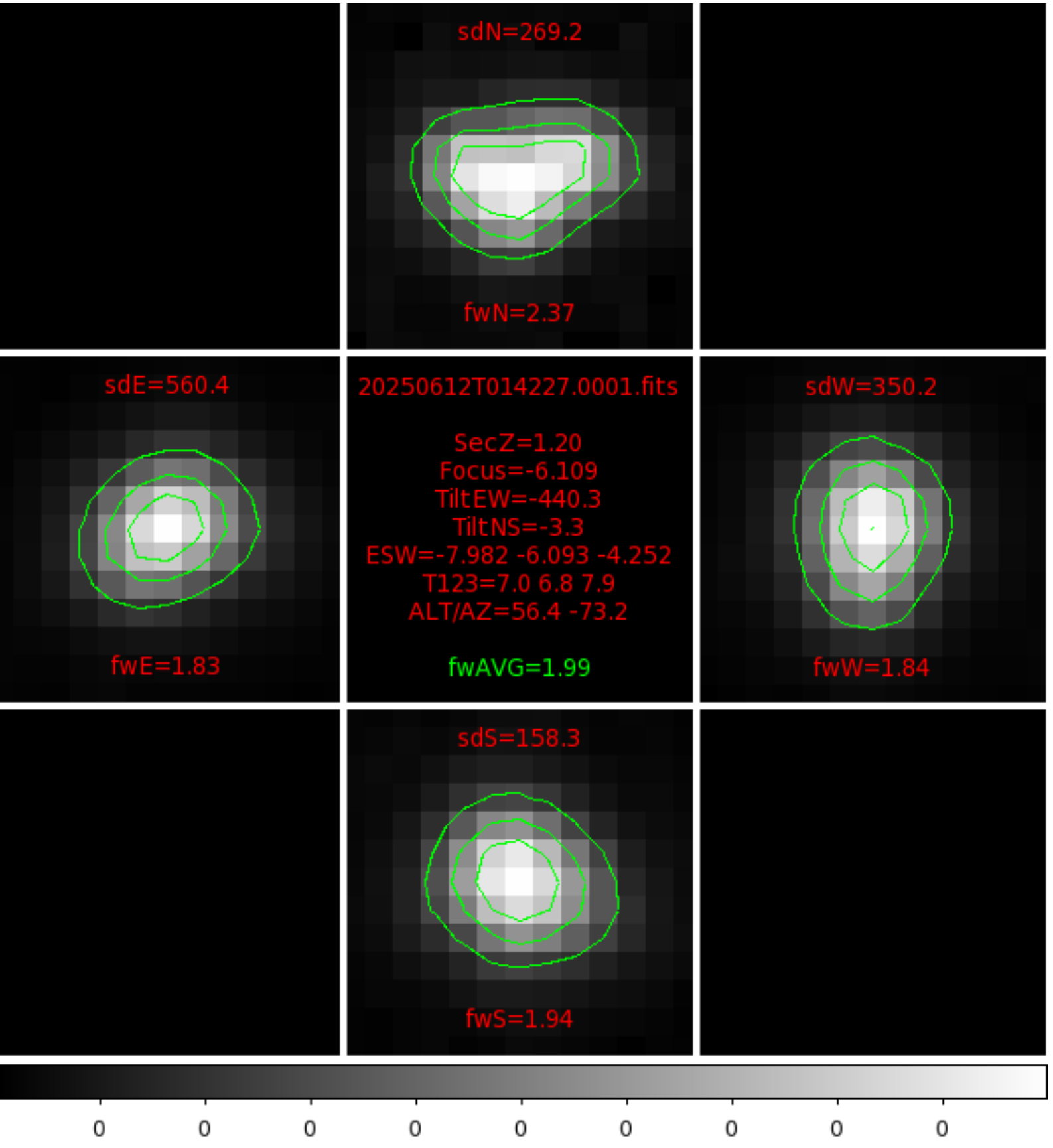

sdN=268.8
fwN=2.41
sdE=555.3
fwE=1.94
20250612T014158.0001.fits
SecZ=1.20
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.9
ALT/AZ=56.5 -73.3
fwAVG=2.04
sdW=351.4
fwW=1.83
sdS=157.7
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=269.2
fwN=2.37
sdE=560.4
fwE=1.83
20250612T014227.0001.fits
SecZ=1.20
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.9
ALT/AZ=56.4 -73.2
fwAVG=1.99
sdW=350.2
fwW=1.84
sdS=158.3
fwS=1.94
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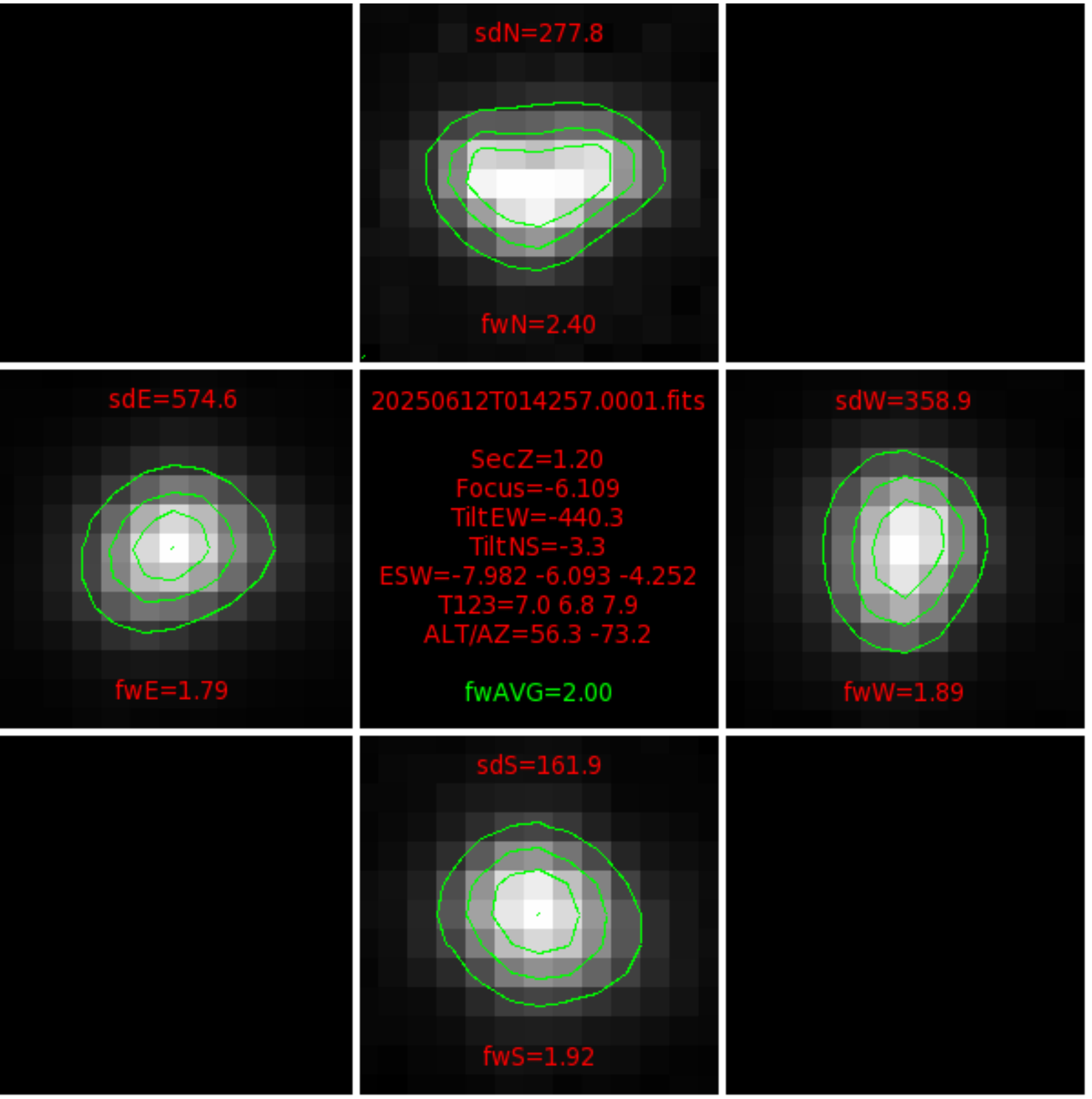
sdN=277.8
fwN=2.40
sdE=574.6
fwE=1.79
20250612T014257.0001.fits
SecZ=1.20
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.9
ALT/AZ=56.3 -73.2
fwAVG=2.00
sdW=358.9
fwW=1.89
sdS=161.9
fwS=1.92
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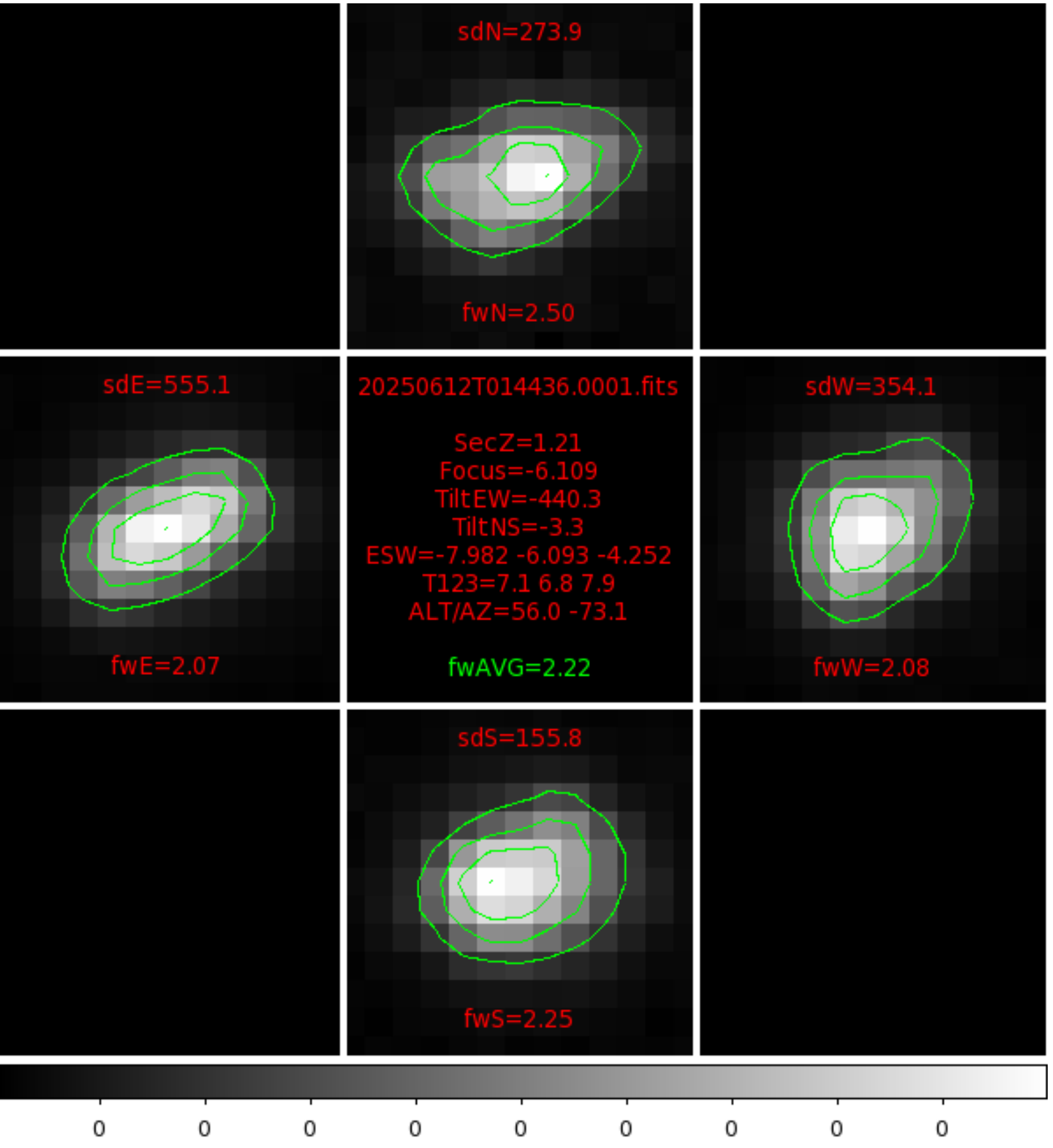
sdN=273.9
fwN=2.50
sdE=555.1
fwE=2.07
20250612T014436.0001.fits
SecZ=1.21
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.1 6.8 7.9
ALT/AZ=56.0 -73.1
fwAVG=2.22
sdW=354.1
fwW=2.08
sdS=155.8
fwS=2.25
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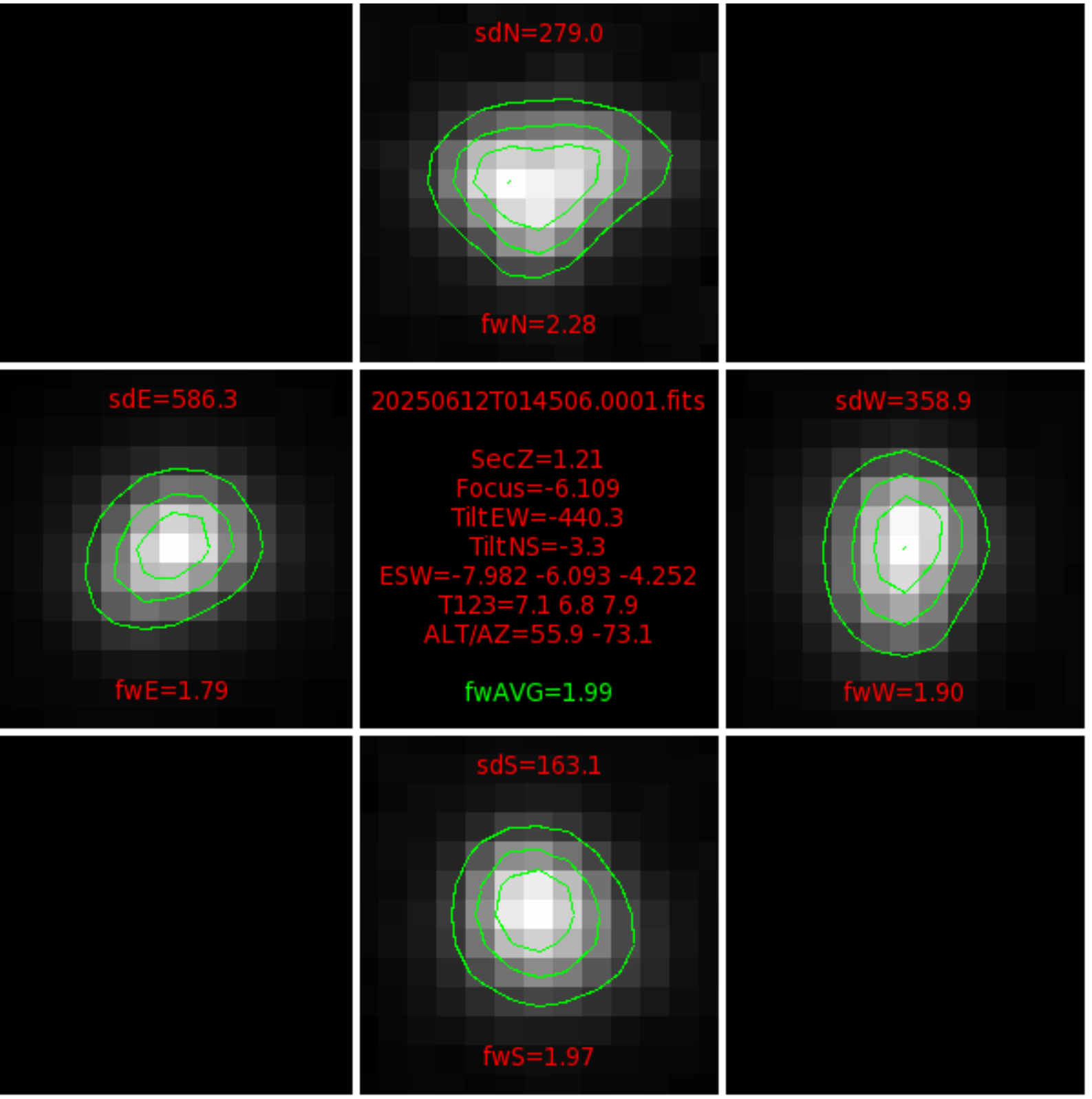
sdN=279.0
fwN=2.28
sdE=586.3
fwE=1.79
20250612T014506.0001.fits
SecZ=1.21
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.1 6.8 7.9
ALT/AZ=55.9 -73.1
fwAVG=1.99
sdW=358.9
fwW=1.90
sdS=163.1
fwS=1.97
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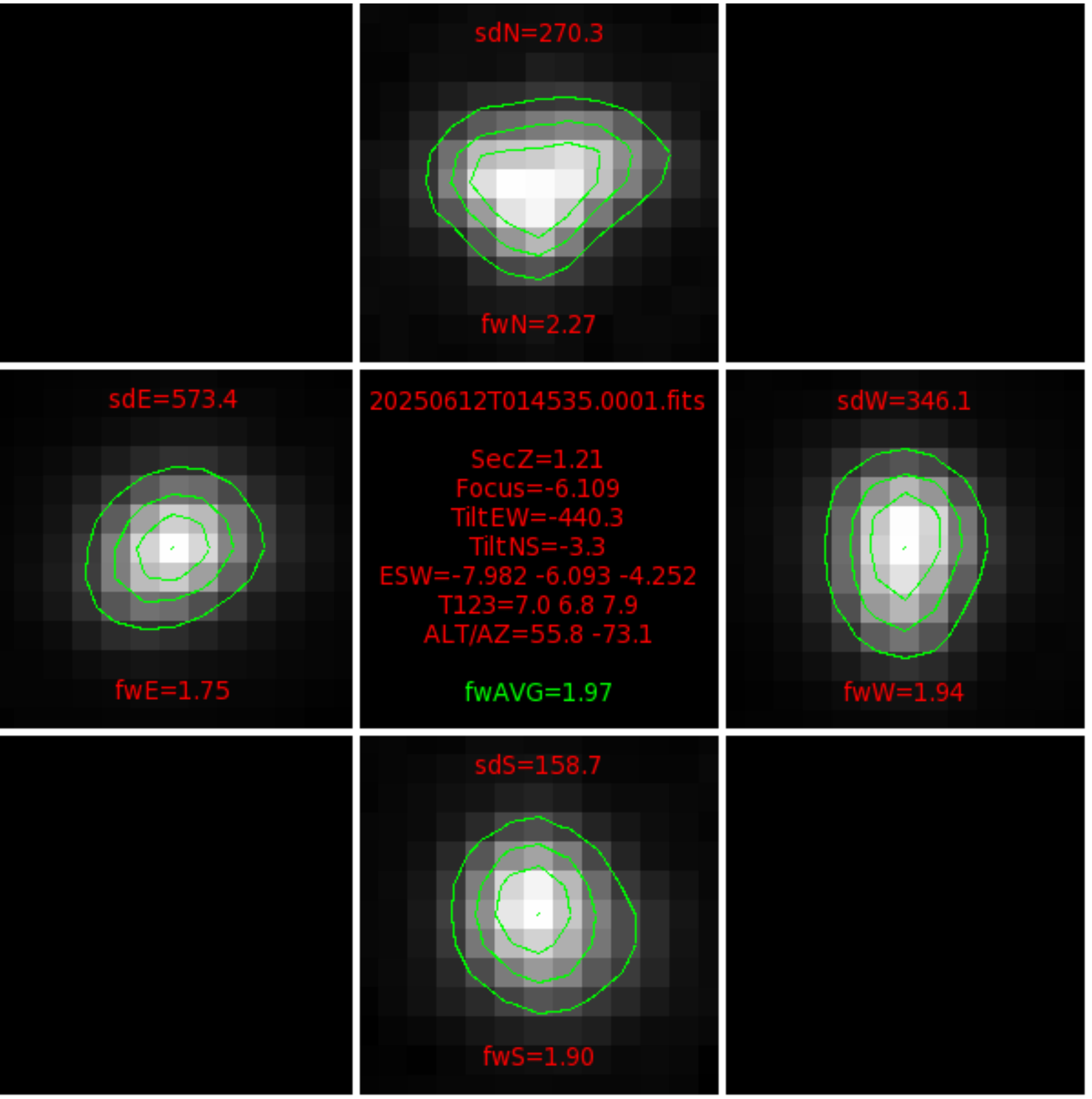
sdN=270.3
fwN=2.27
sdE=573.4
fwE=1.75
20250612T014535.0001.fits
SecZ=1.21
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.9
ALT/AZ=55.8 -73.1
fwAVG=1.97
sdW=346.1
fwW=1.94
sdS=158.7
fwS=1.90
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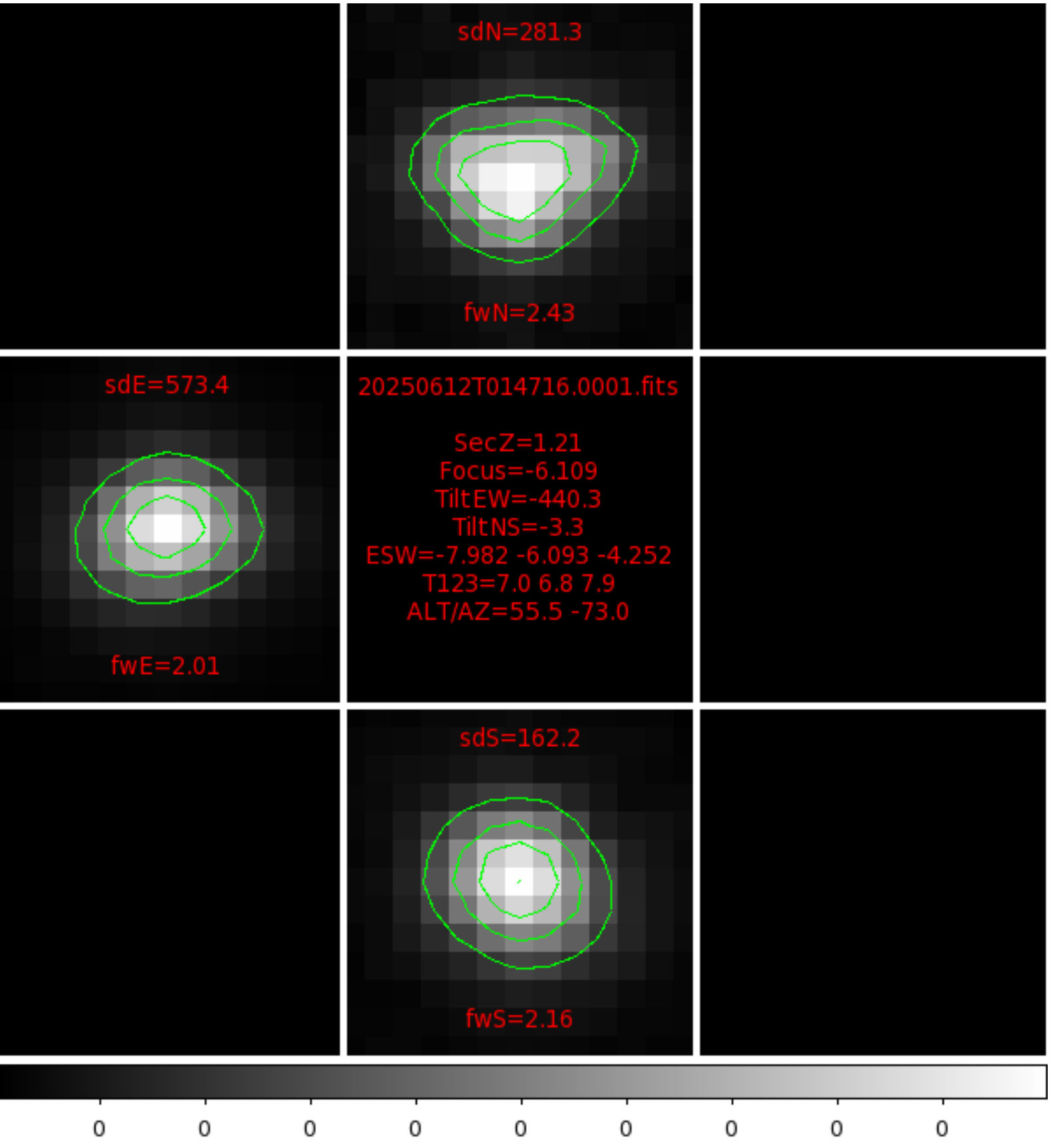
sdN=281.3
fwN=2.43
sdE=573.4
fwE=2.01
20250612T014716.0001.fits
SecZ=1.21
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.9
ALT/AZ=55.5 -73.0
sdS=162.2
fwS=2.16
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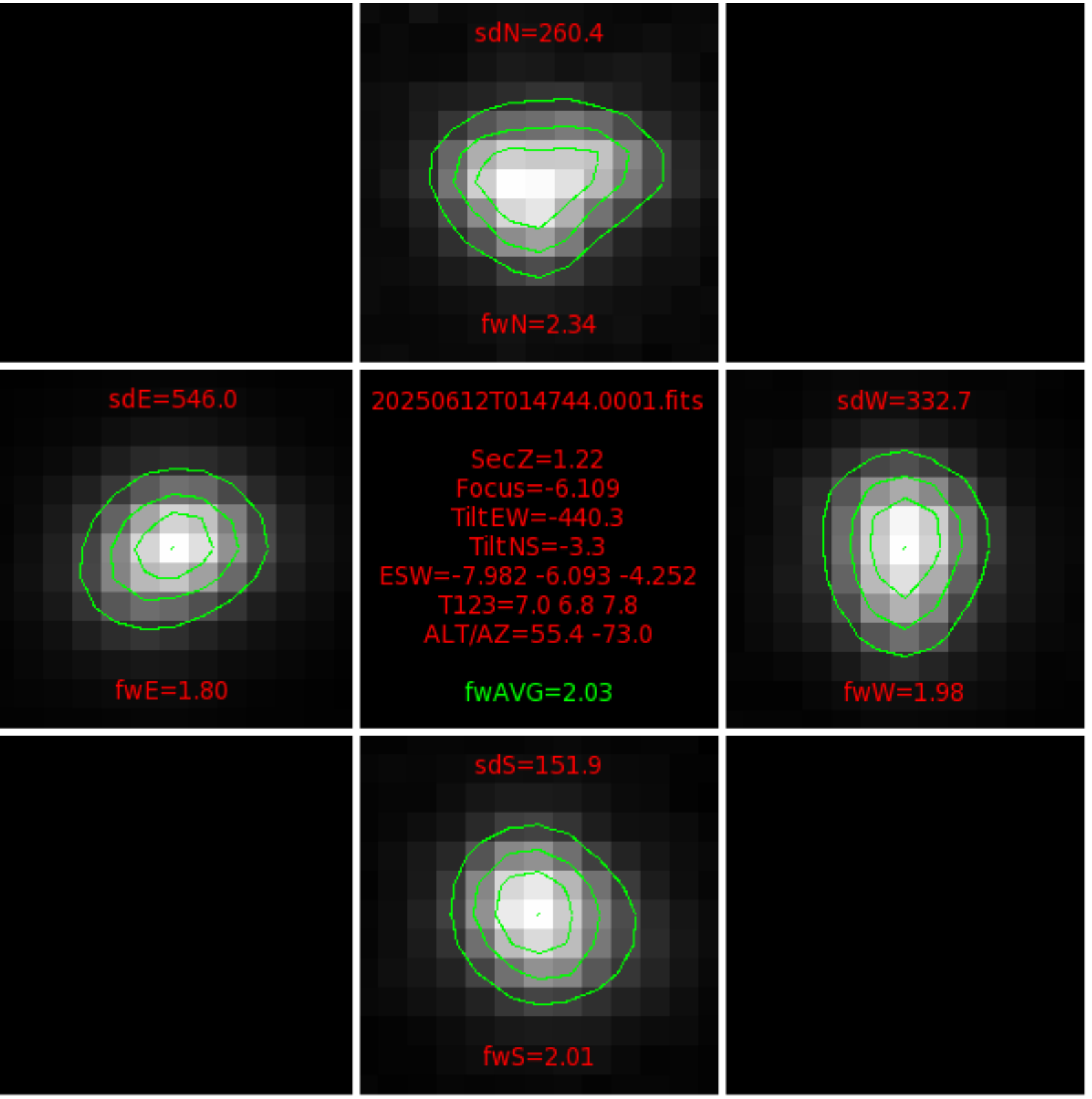
sdN=260.4
fwN=2.34
sdE=546.0
fwE=1.80
20250612T014744.0001.fits
SecZ=1.22
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.8
ALT/AZ=55.4 -73.0
fwAVG=2.03
sdW=332.7
fwW=1.98
sdS=151.9
fwS=2.01
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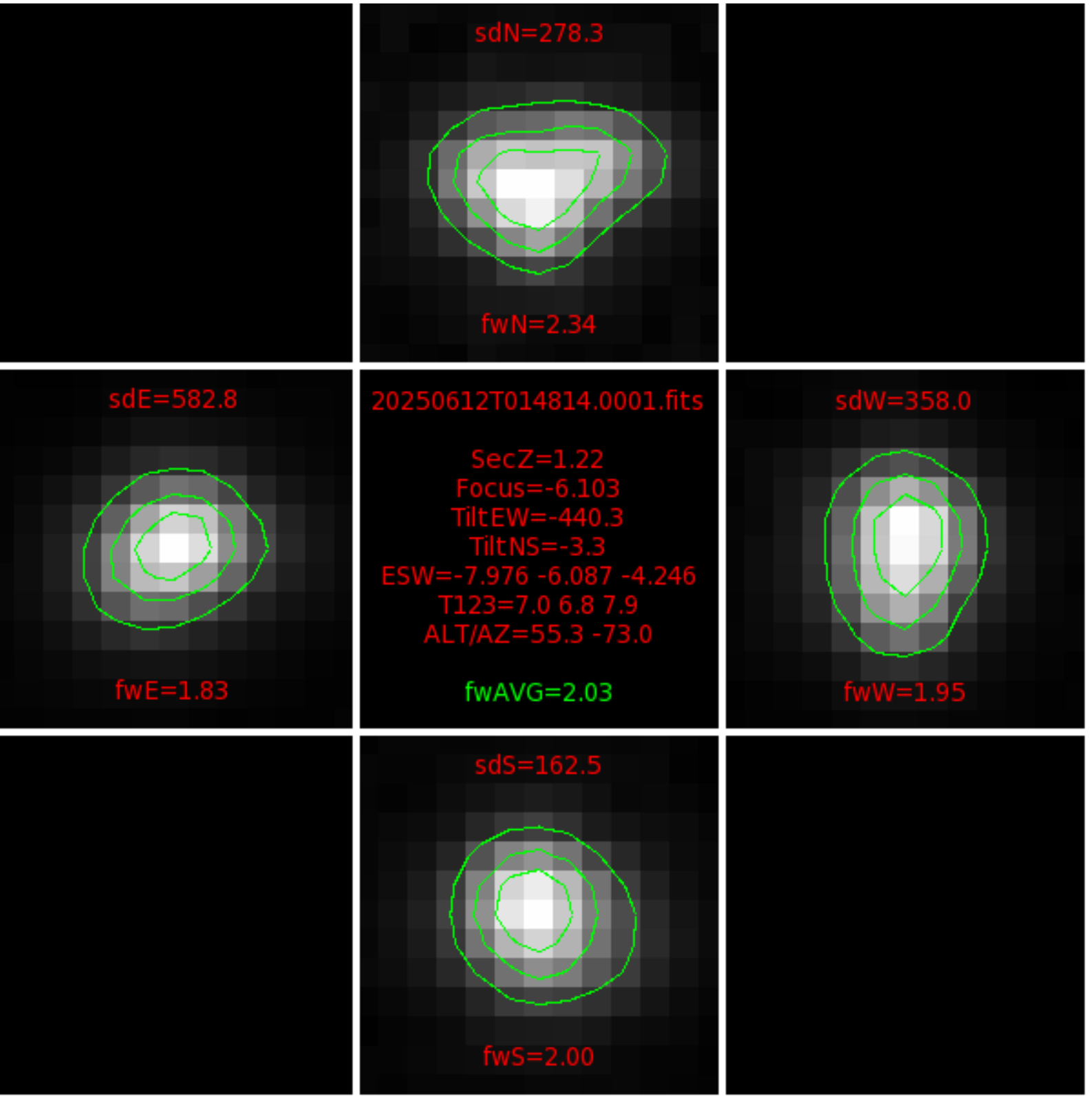
sdN=278.3
fwN=2.34
sdE=582.8
fwE=1.83
20250612T014814.0001.fits
SecZ=1.22
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=7.0 6.8 7.9
ALT/AZ=55.3 -73.0
fwAVG=2.03
sdW=358.0
fwW=1.95
sdS=162.5
fwS=2.00
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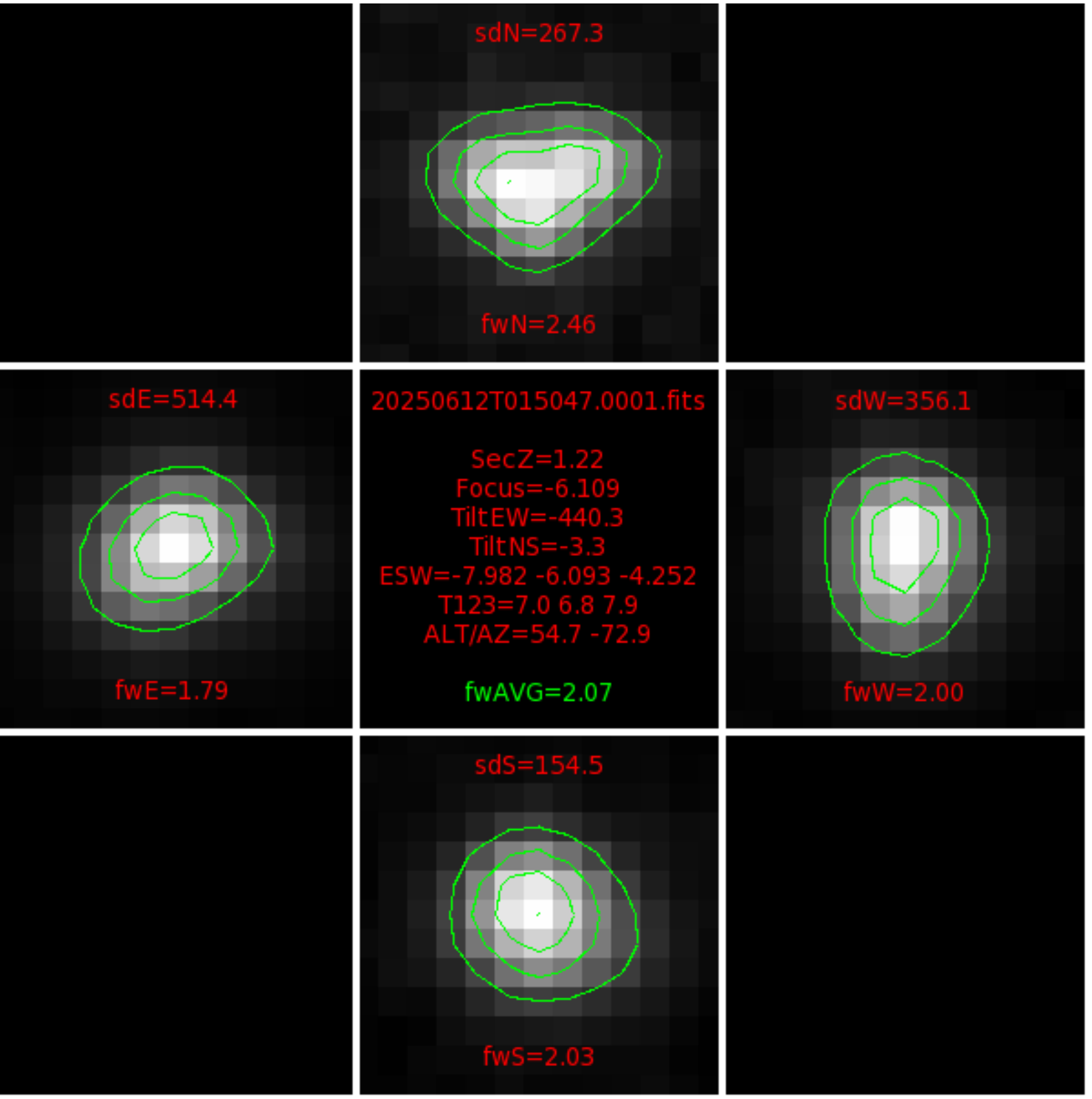
sdN=267.3
fwN=2.46
sdE=514.4
fwE=1.79
20250612T015047.0001.fits
SecZ=1.22
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.9
ALT/AZ=54.7 -72.9
fwAVG=2.07
sdW=356.1
fwW=2.00
sdS=154.5
fwS=2.03
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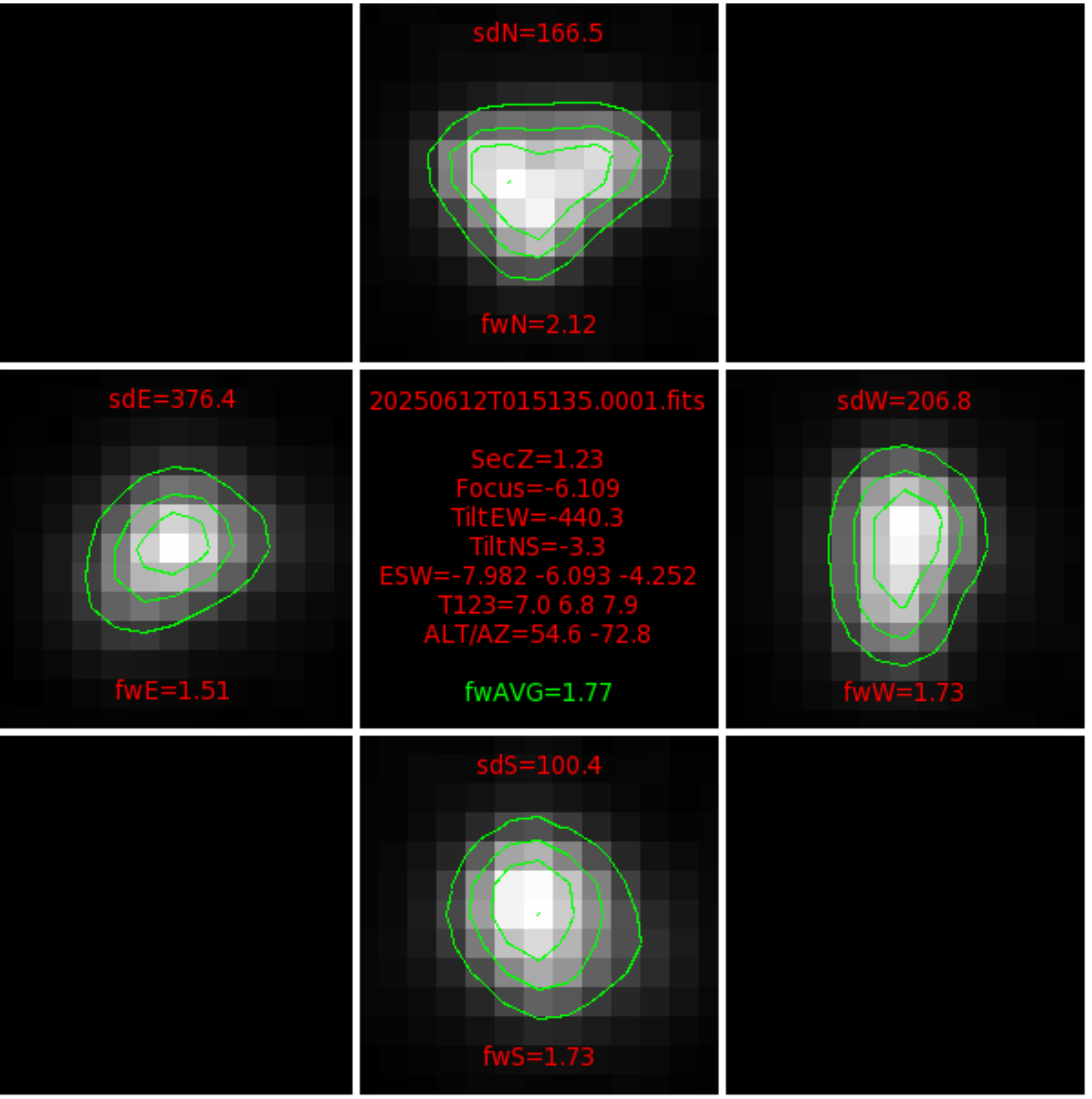
sdN=166.5
fwN=2.12
sdE=376.4
fwE=1.51
20250612T015135.0001.fits
SecZ=1.23
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.9
ALT/AZ=54.6 -72.8
fwAVG=1.77
sdW=206.8
fwW=1.73
sdS=100.4
fwS=1.73
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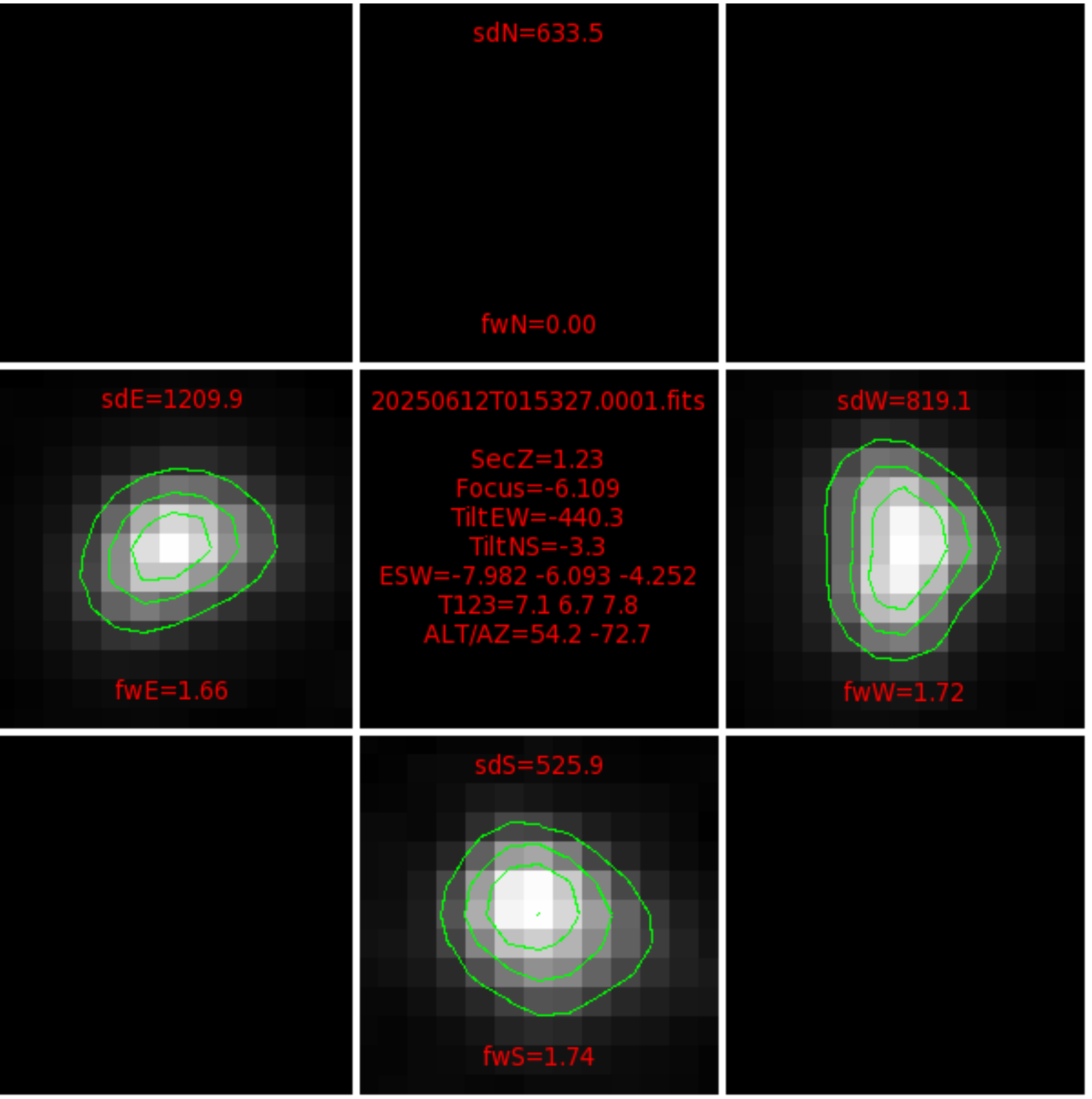
sdN=633.5
fwN=0.00
sdE=1209.9
fwE=1.66
20250612T015327.0001.fits
SecZ=1.23
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.1 6.7 7.8
ALT/AZ=54.2 -72.7
sdW=819.1
fwW=1.72
sdS=525.9
fwS=1.74
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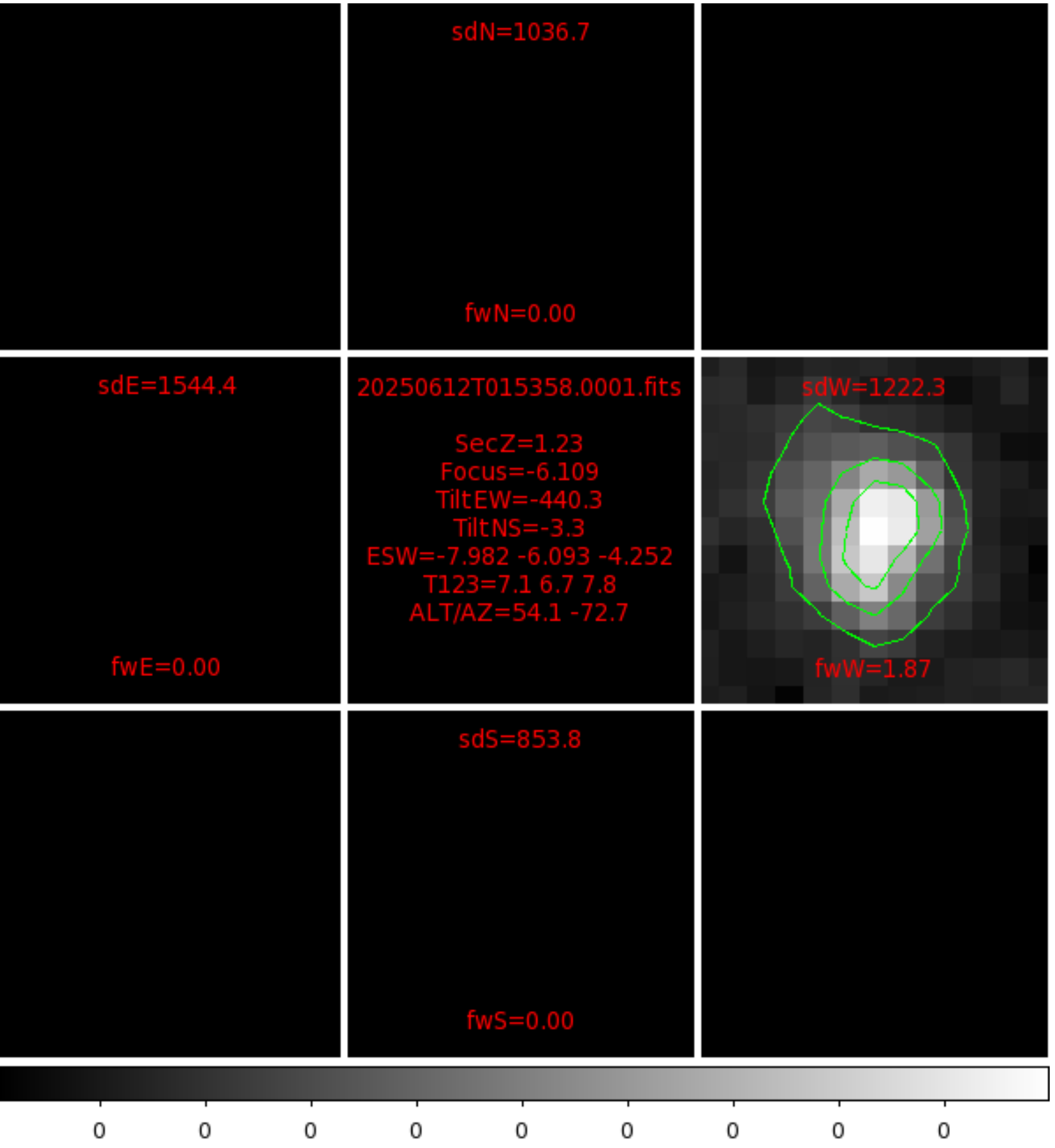
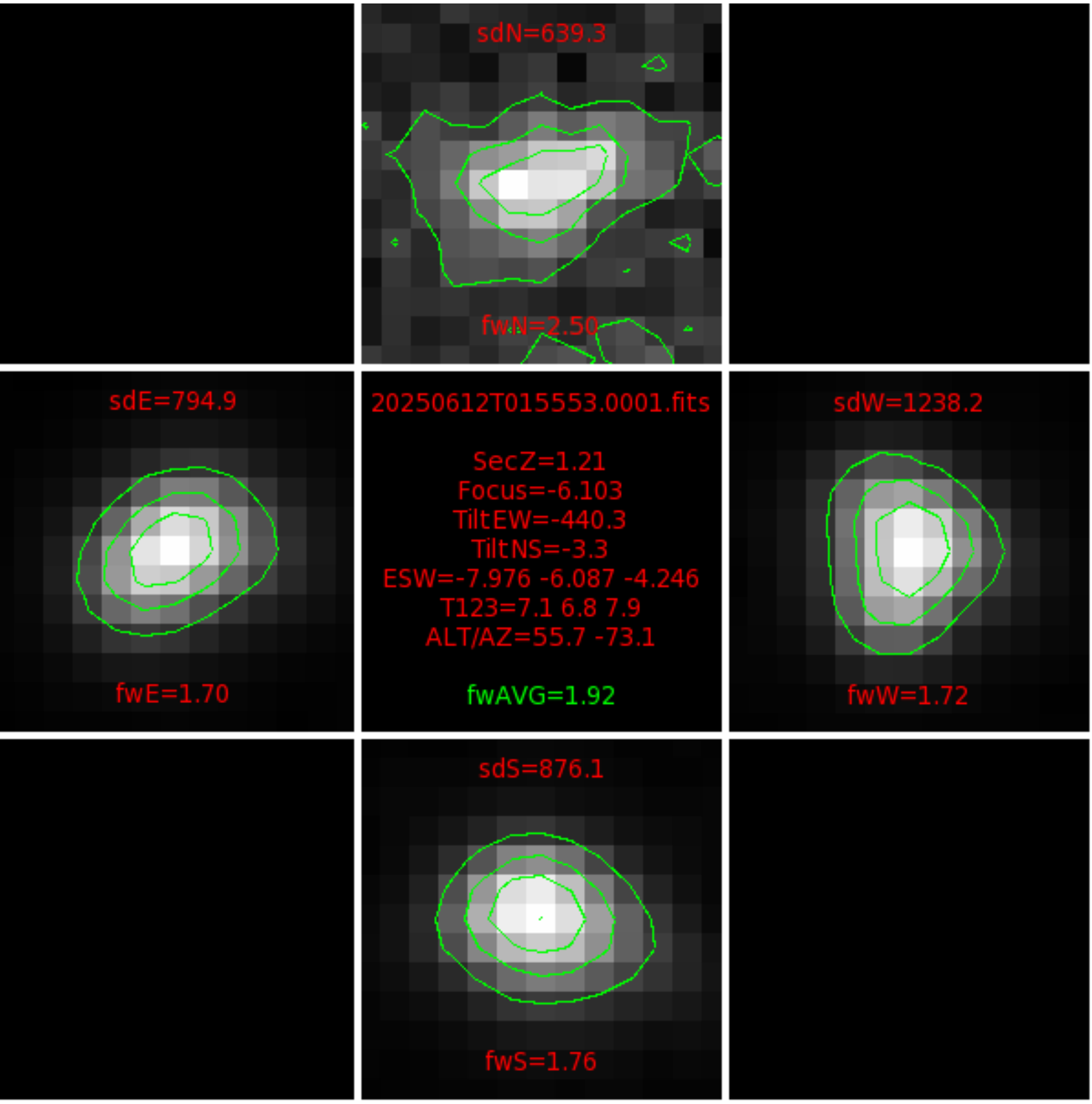

sdN=1036.7
fwN=0.00
sdE=1544.4
fwE=0.00
20250612T015358.0001.fits
SecZ=1.23
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.1 6.7 7.8
ALT/AZ=54.1 -72.7
sdW=1222.3
fwW=1.87
sdS=853.8
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=639.3
fwN=2.50
sdE=794.9
fwE=1.70
20250612T015553.0001.fits
SecZ=1.21
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=7.1 6.8 7.9
ALT/AZ=55.7 -73.1
fwAVG=1.92
sdW=1238.2
fwW=1.72
sdS=876.1
fwS=1.76
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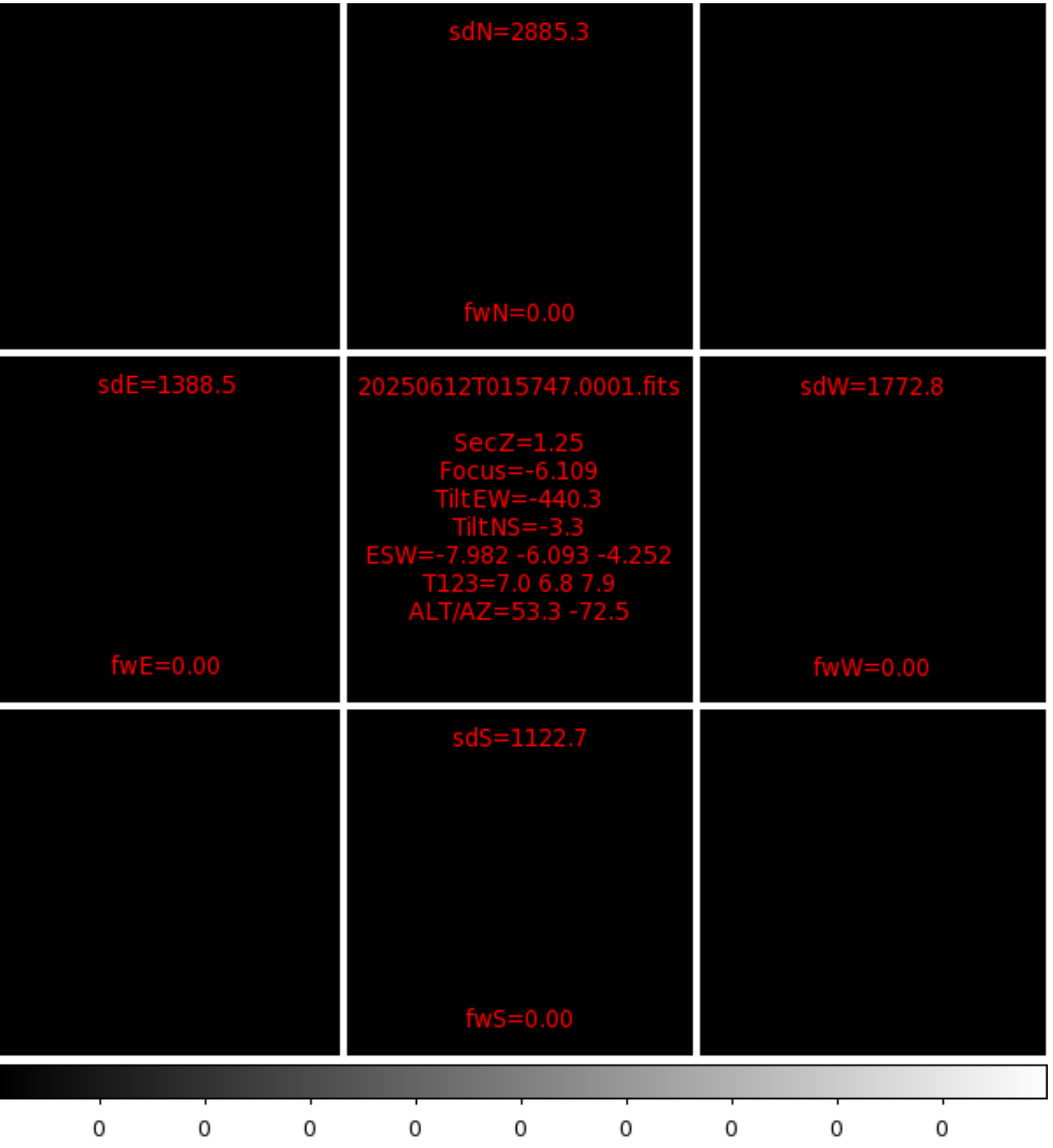
sdN=2885.3
fwN=0.00
sdE=1388.5
fwE=0.00
20250612T015747.0001.fits
SecZ=1.25
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.9
ALT/AZ=53.3 -72.5
sdW=1772.8
fwW=0.00
sdS=1122.7
fwS=0.00
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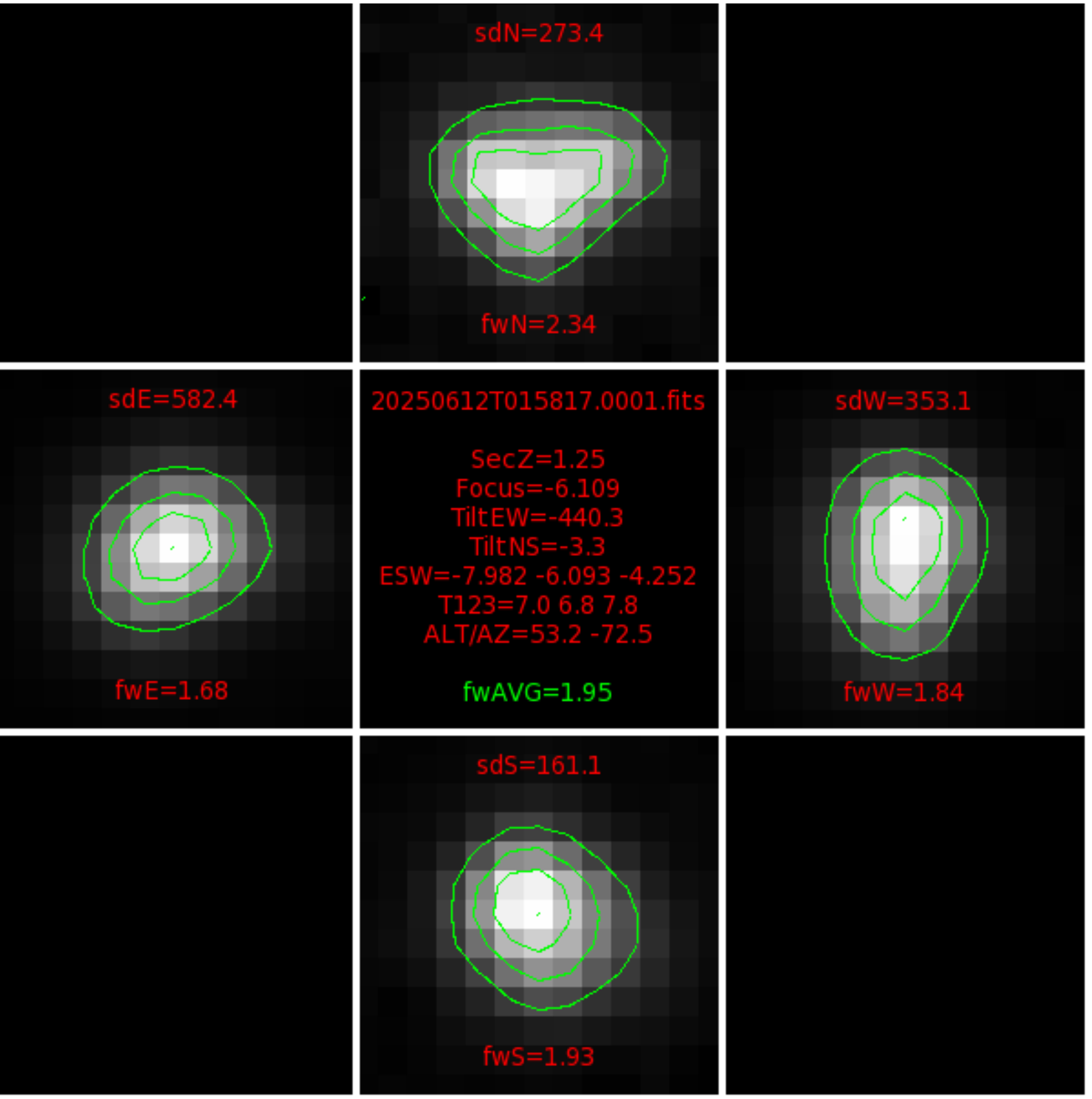
sdN=273.4
fwN=2.34
sdE=582.4
fwE=1.68
20250612T015817.0001.fits
SecZ=1.25
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.8 7.8
ALT/AZ=53.2 -72.5
fwAVG=1.95
sdW=353.1
fwW=1.84
sdS=161.1
fwS=1.93
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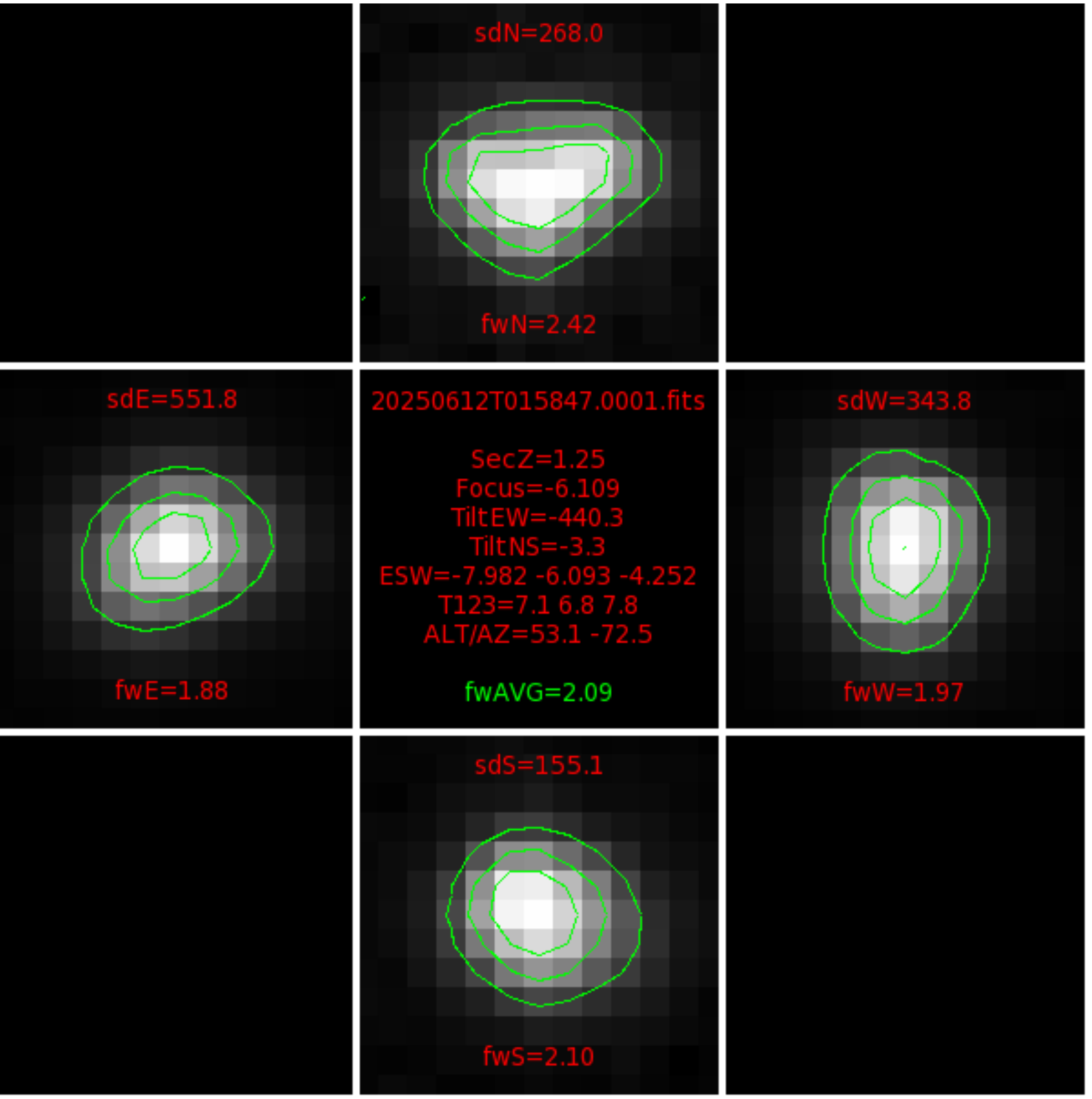
sdN=268.0
fwN=2.42
sdE=551.8
fwE=1.88
20250612T015847.0001.fits
SecZ=1.25
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.1 6.8 7.8
ALT/AZ=53.1 -72.5
fwAVG=2.09
sdW=343.8
fwW=1.97
sdS=155.1
fwS=2.10
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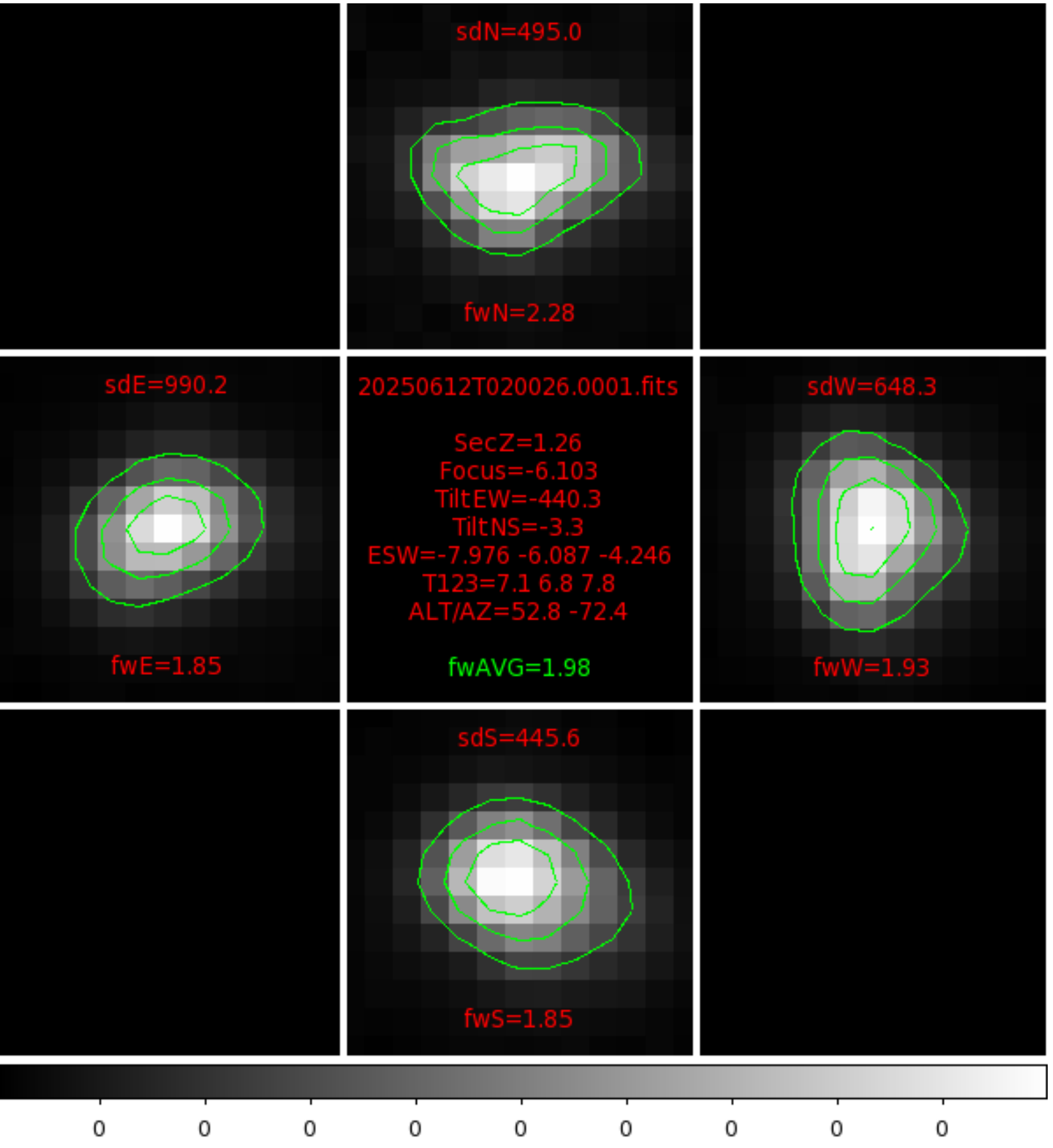
sdN=495.0
fwN=2.28
sdE=990.2
fwE=1.85
20250612T020026.0001.fits
SecZ=1.26
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=7.1 6.8 7.8
ALT/AZ=52.8 -72.4
fwAVG=1.98
sdW=648.3
fwW=1.93
sdS=445.6
fwS=1.85
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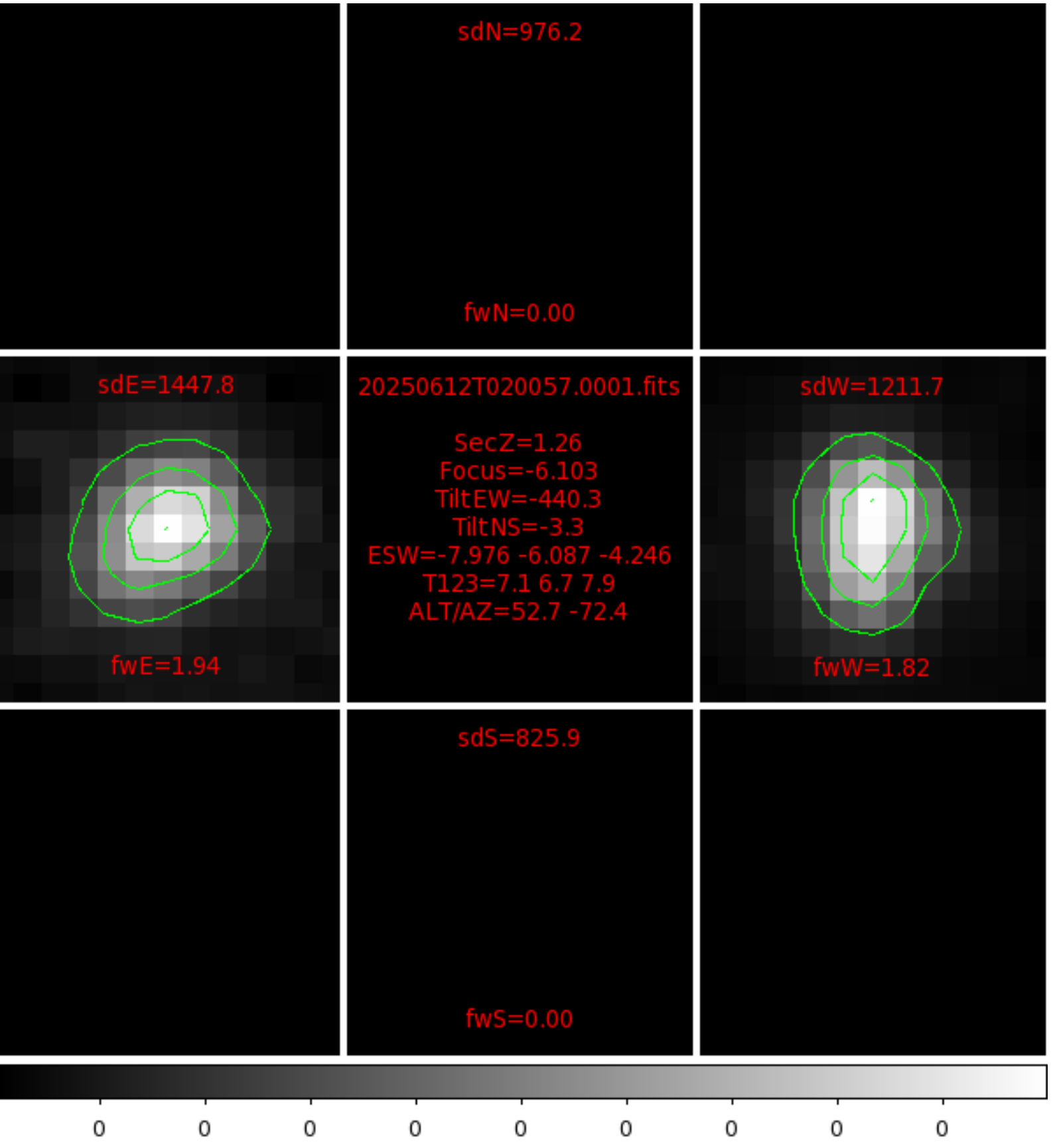
sdN=976.2
fwN=0.00
sdE=1447.8
20250612T020057.0001.fits
SecZ=1.26
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=7.1 6.7 7.9
ALT/AZ=52.7 -72.4
sdW=1211.7
fwE=1.94
fwW=1.82
sdS=825.9
fwS=0.00
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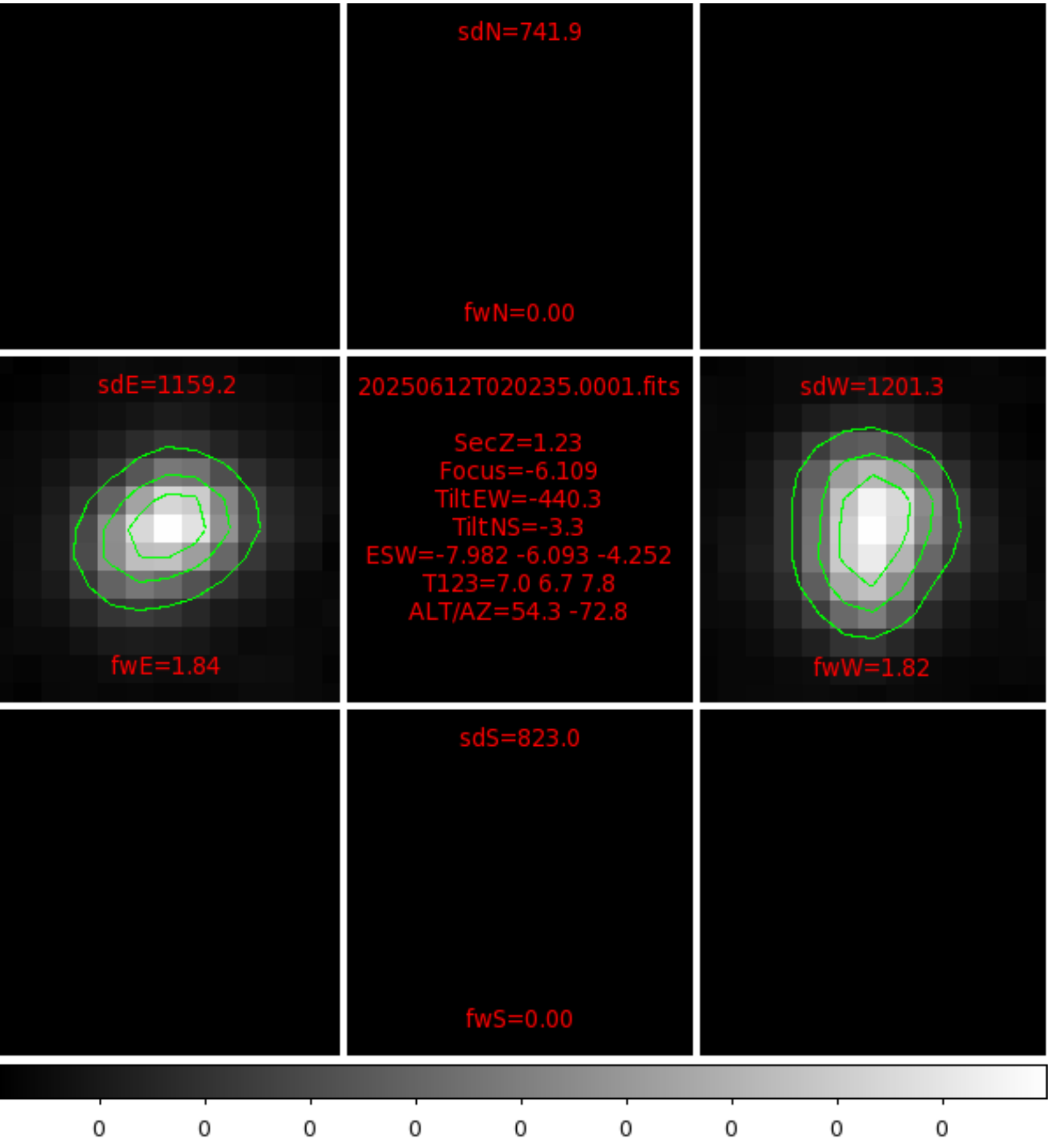
sdN=741.9
fwN=0.00
sdE=1159.2
fwE=1.84
20250612T020235.0001.fits
SecZ=1.23
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.7 7.8
ALT/AZ=54.3 -72.8
sdW=1201.3
fwW=1.82
sdS=823.0
fwS=0.00
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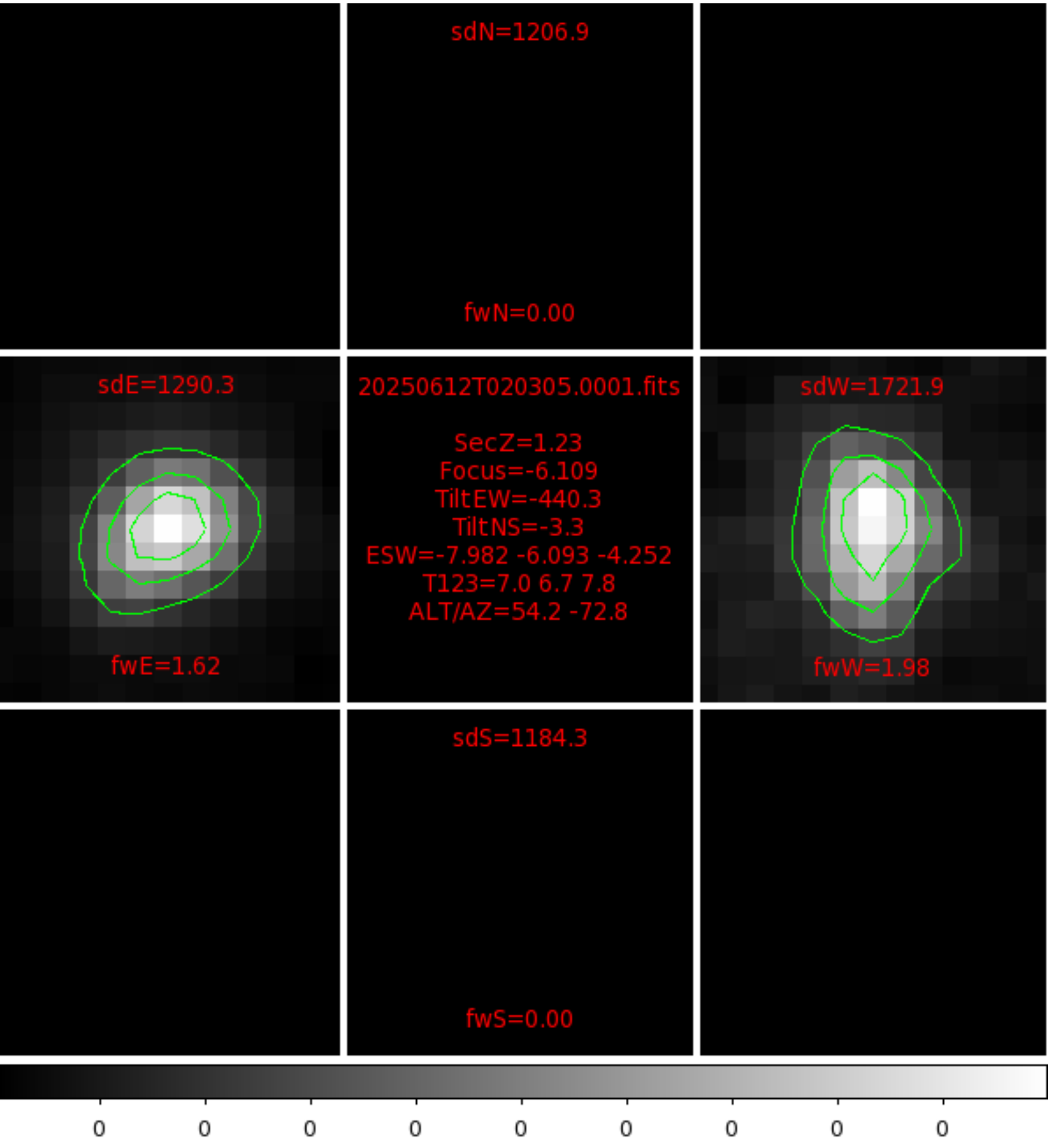
sdN=1206.9
fwN=0.00
sdE=1290.3
fwE=1.62
20250612T020305.0001.fits
SecZ=1.23
Focus=-6.109
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.982 -6.093 -4.252
T123=7.0 6.7 7.8
ALT/AZ=54.2 -72.8
sdW=1721.9
fwW=1.98
sdS=1184.3
fwS=0.00
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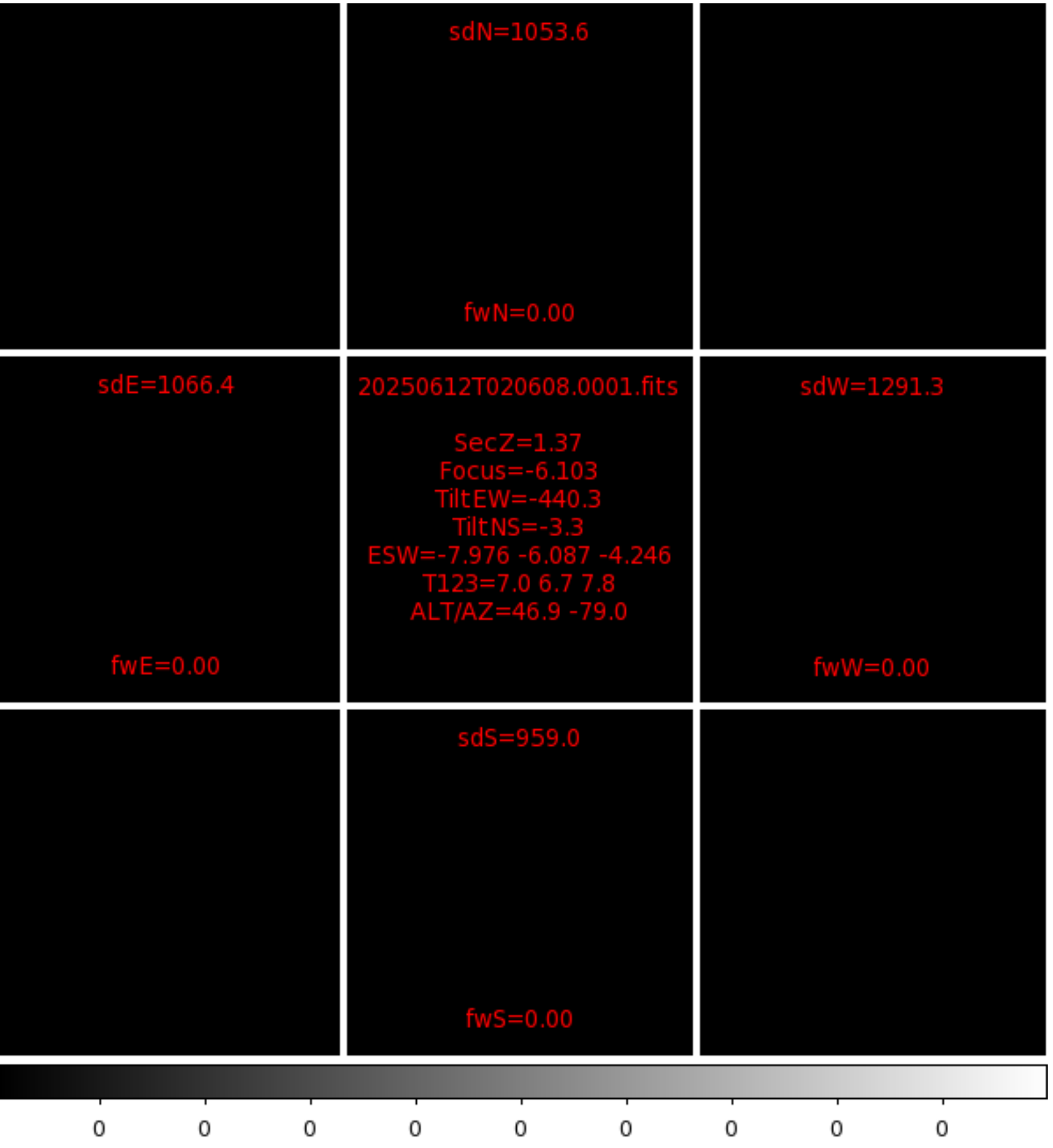
sdN=1053.6
fwN=0.00
sdE=1066.4
fwE=0.00
20250612T020608.0001.fits
SecZ=1.37
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=7.0 6.7 7.8
ALT/AZ=46.9 -79.0
sdW=1291.3
fwW=0.00
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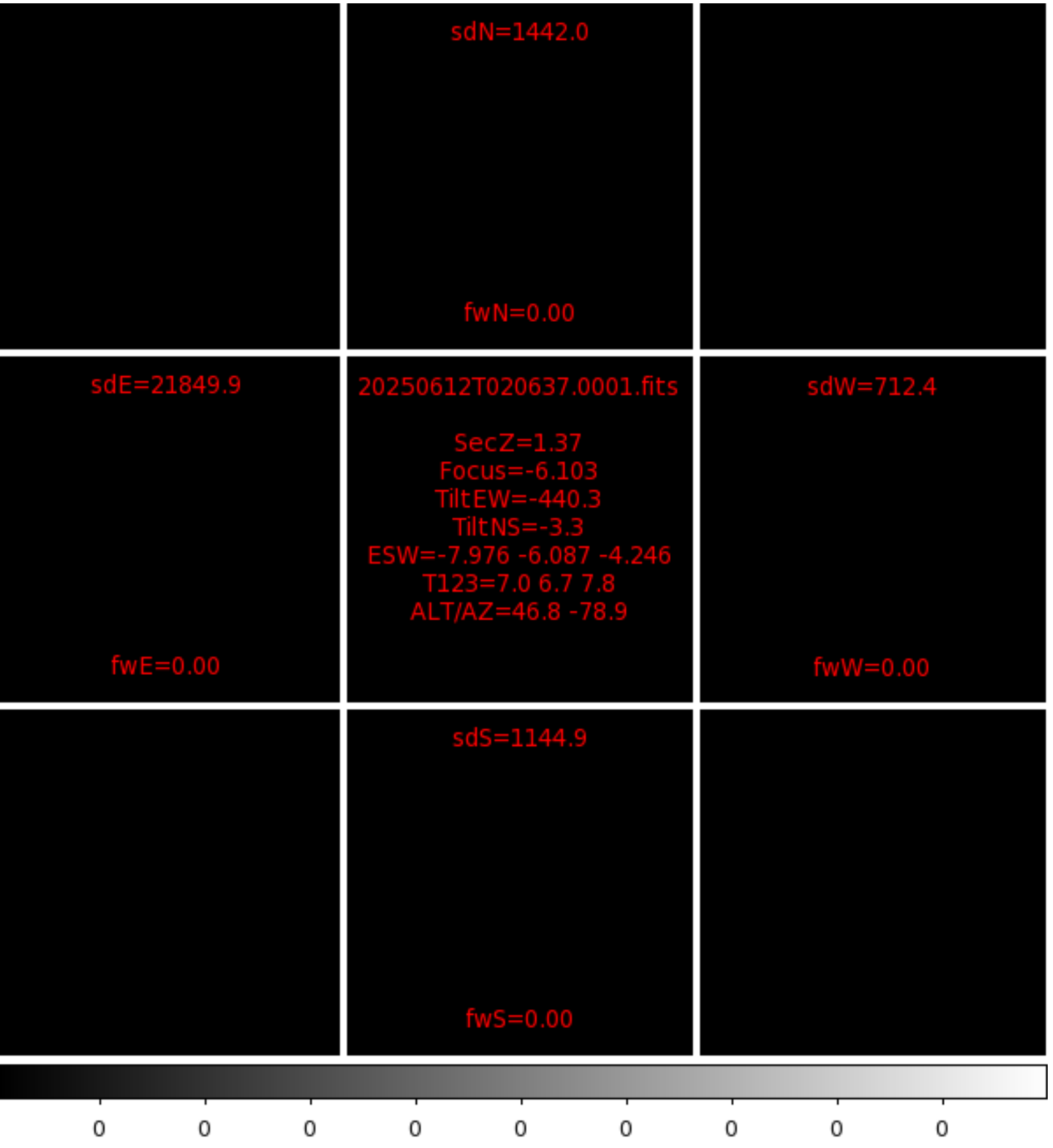
sdN=1442.0
fwN=0.00
sdE=21849.9
fwE=0.00
20250612T020637.0001.fits
SecZ=1.37
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=7.0 6.7 7.8
ALT/AZ=46.8 -78.9
sdW=712.4
fwW=0.00
sdS=1144.9
fwS=0.00
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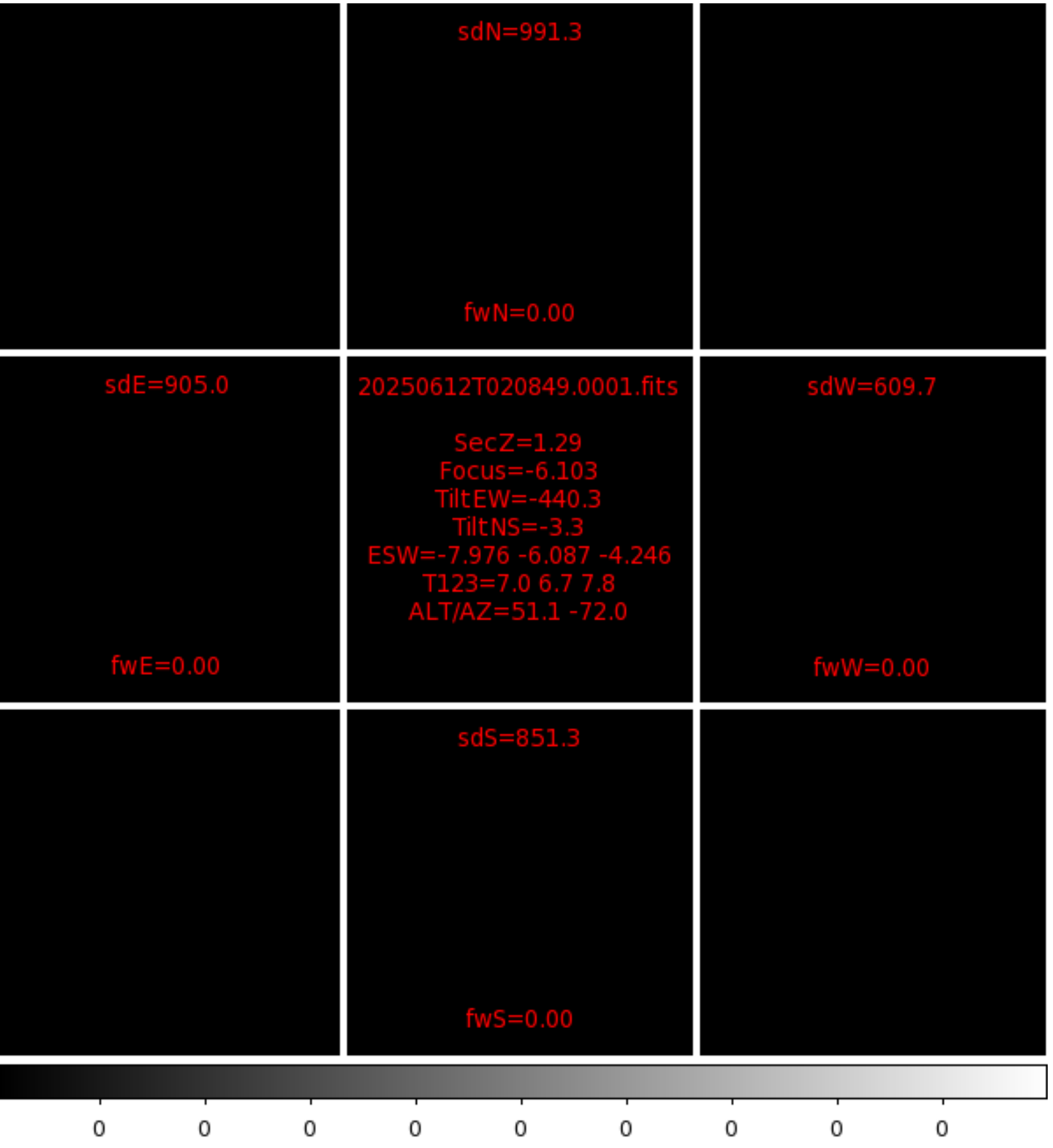
sdN=991.3
fwN=0.00
sdE=905.0
fwE=0.00
20250612T020849.0001.fits
SecZ=1.29
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=7.0 6.7 7.8
ALT/AZ=51.1 -72.0
sdW=609.7
fwW=0.00
sdS=851.3
fwS=0.00
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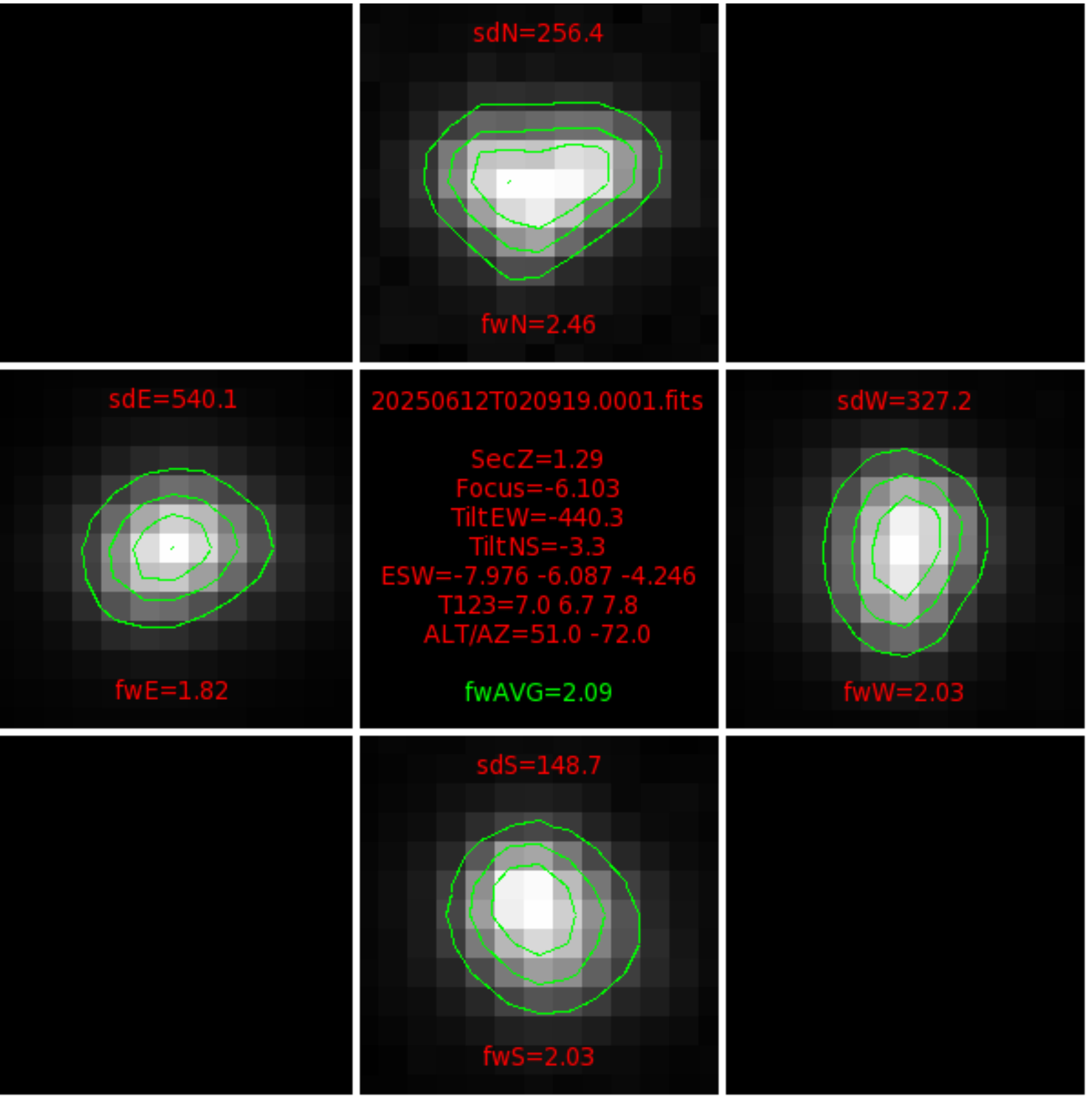
sdN=256.4
fwN=2.46
sdE=540.1
fwE=1.82
20250612T020919.0001.fits
SecZ=1.29
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=7.0 6.7 7.8
ALT/AZ=51.0 -72.0
fwAVG=2.09
sdW=327.2
fwW=2.03
sdS=148.7
fwS=2.03
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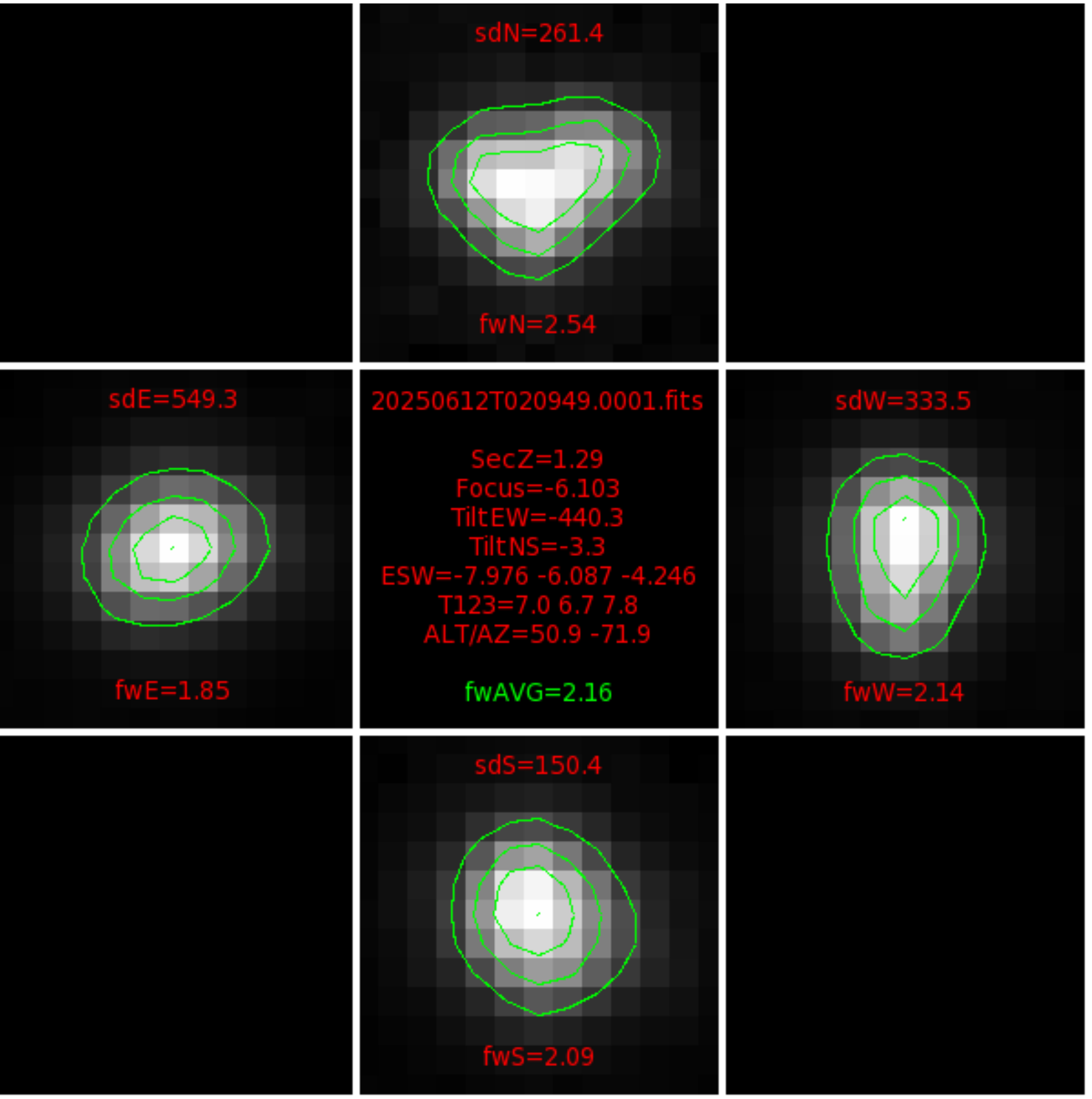
sdN=261.4
fwN=2.54
sdE=549.3
fwE=1.85
20250612T020949.0001.fits
SecZ=1.29
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=7.0 6.7 7.8
ALT/AZ=50.9 -71.9
fwAVG=2.16
sdW=333.5
fwW=2.14
sdS=150.4
fwS=2.09
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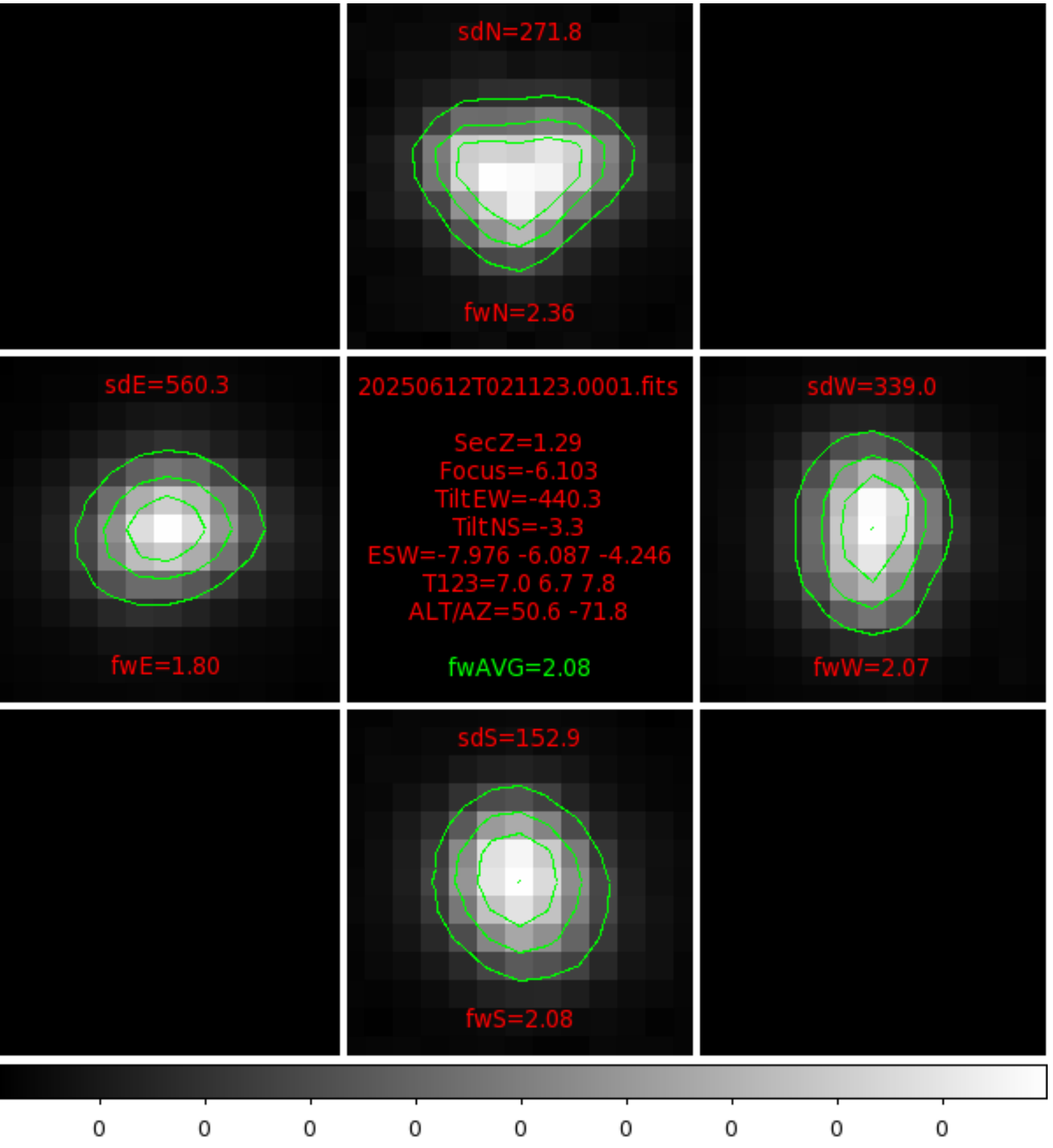
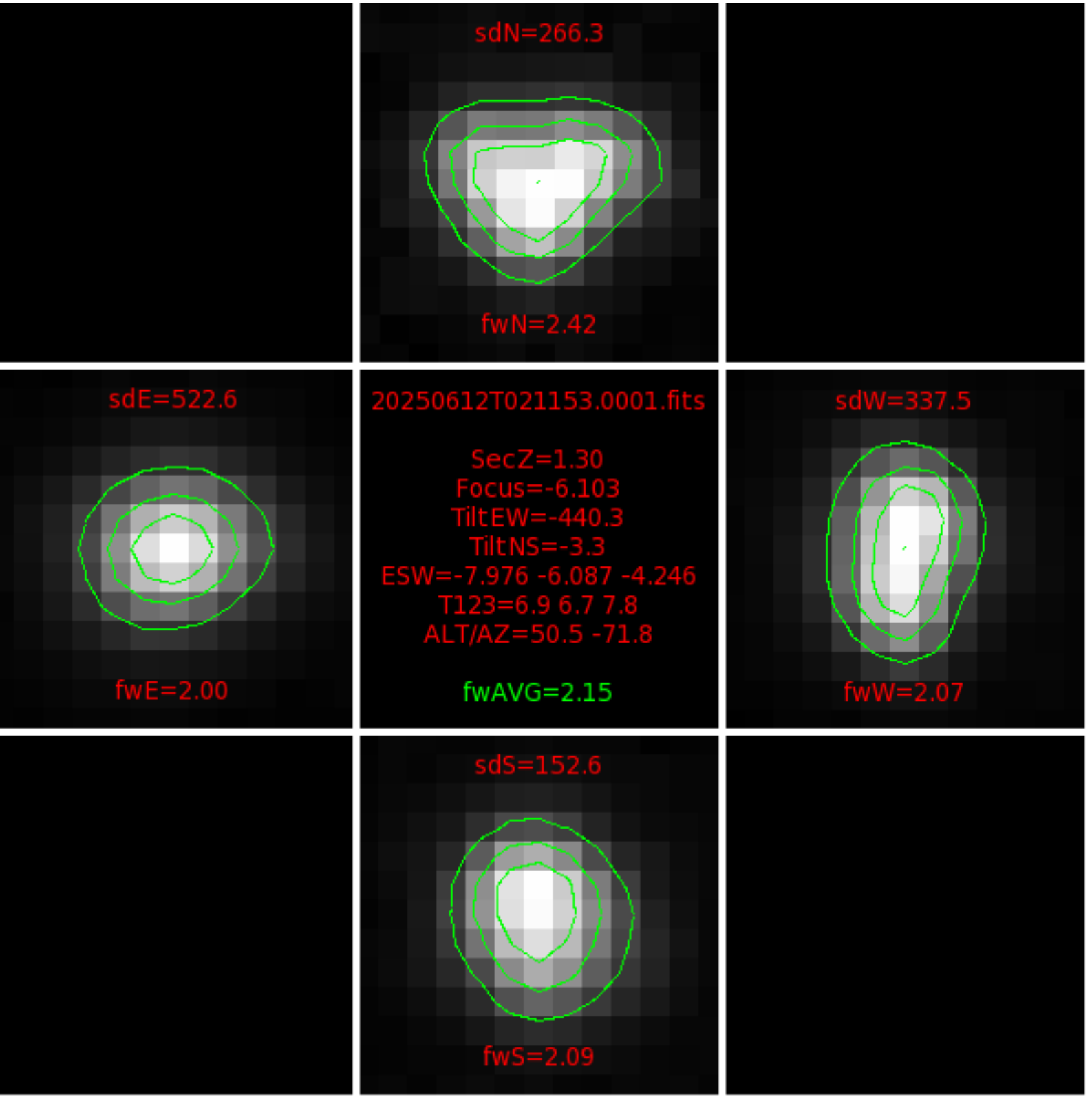

sdN=271.8
fwN=2.36
sdE=560.3
fwE=1.80
20250612T021123.0001.fits
SecZ=1.29
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=7.0 6.7 7.8
ALT/AZ=50.6 -71.8
fwAVG=2.08
sdW=339.0
fwW=2.07
sdS=152.9
fwS=2.08
0 0 0 0 0 0 0 0 0


sdN=266.3
fwN=2.42
sdE=522.6
fwE=2.00
20250612T021153.0001.fits
SecZ=1.30
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.7 7.8
ALT/AZ=50.5 -71.8
fwAVG=2.15
sdW=337.5
fwW=2.07
sdS=152.6
fwS=2.09
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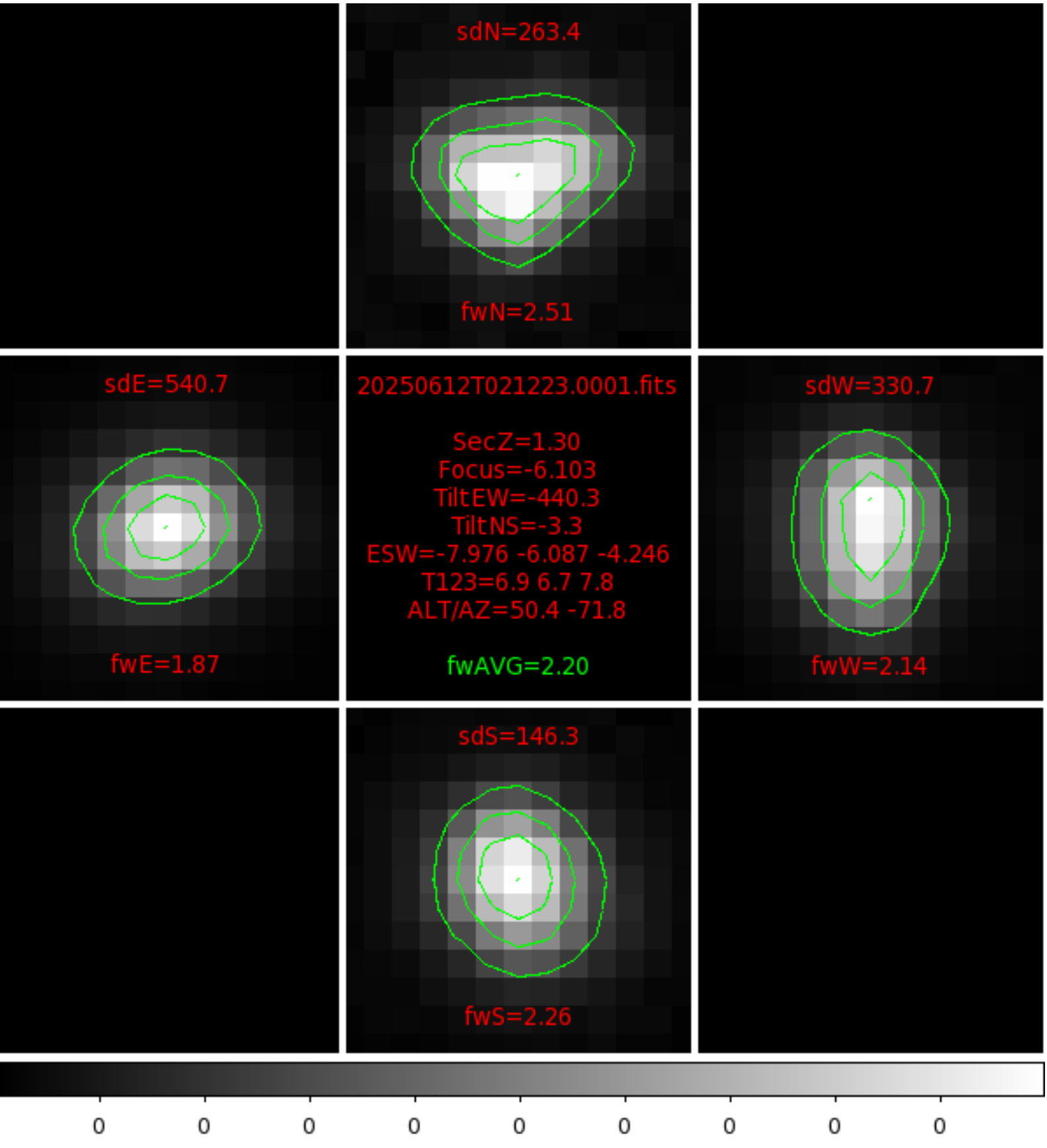
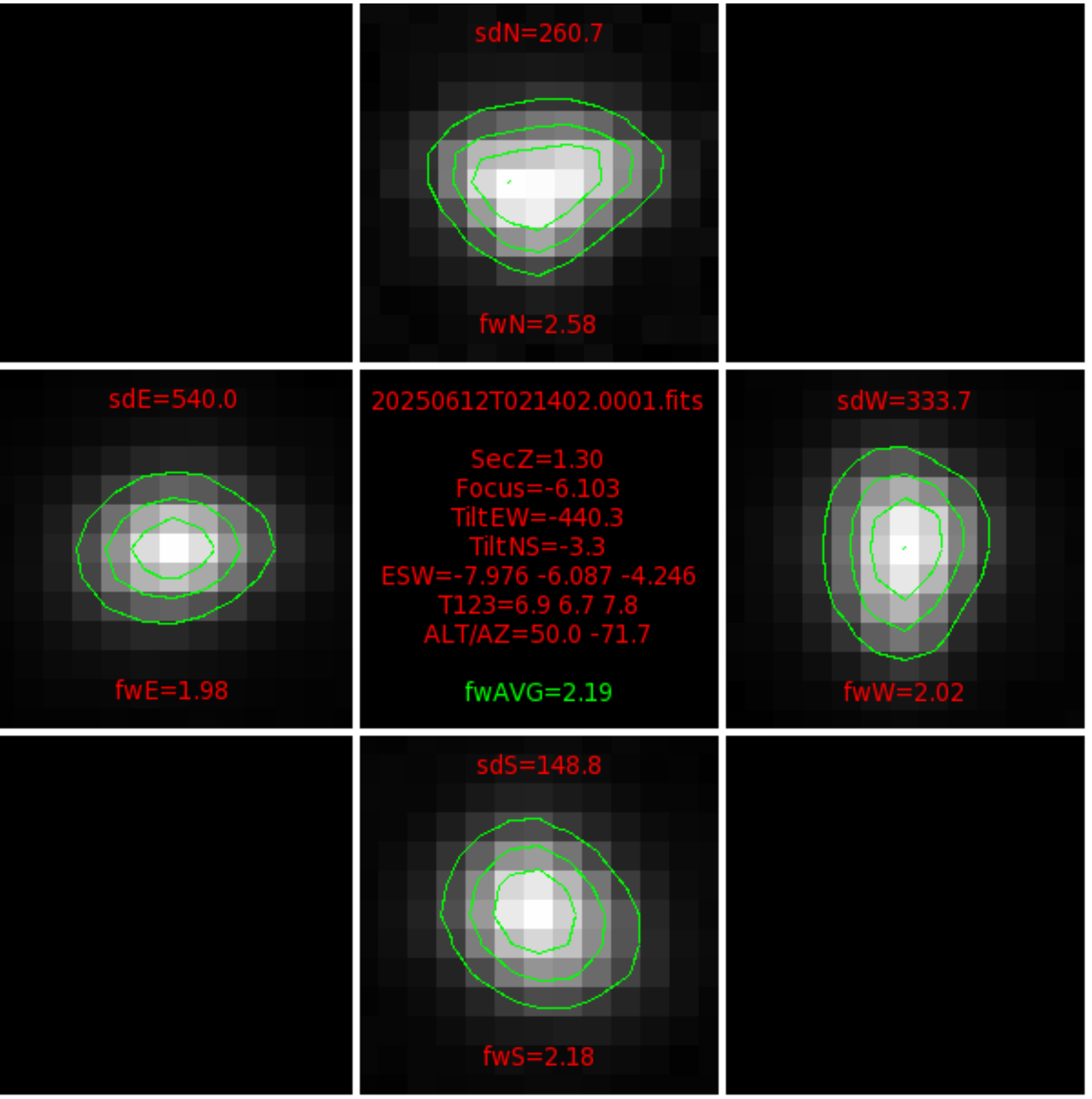

sdN=263.4
fwN=2.51
sdE=540.7
fwE=1.87
20250612T021223.0001.fits
SecZ=1.30
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.7 7.8
ALT/AZ=50.4 -71.8
fwAVG=2.20
sdW=330.7
fwW=2.14
sdS=146.3
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=260.7
fwN=2.58
sdE=540.0
fwE=1.98
20250612T021402.0001.fits
SecZ=1.30
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.7 7.8
ALT/AZ=50.0 -71.7
fwAVG=2.19
sdW=333.7
fwW=2.02
sdS=148.8
fwS=2.18
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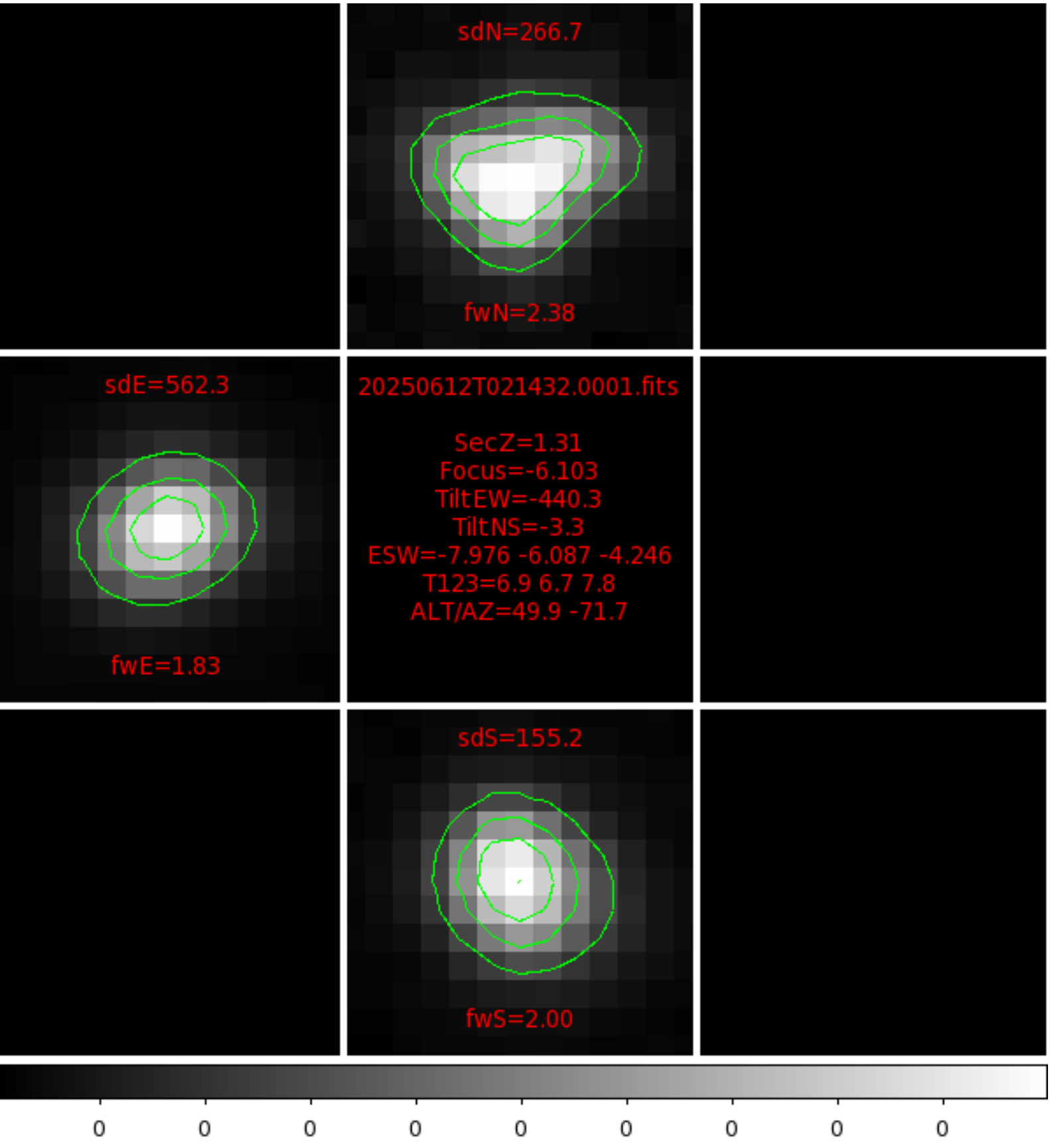
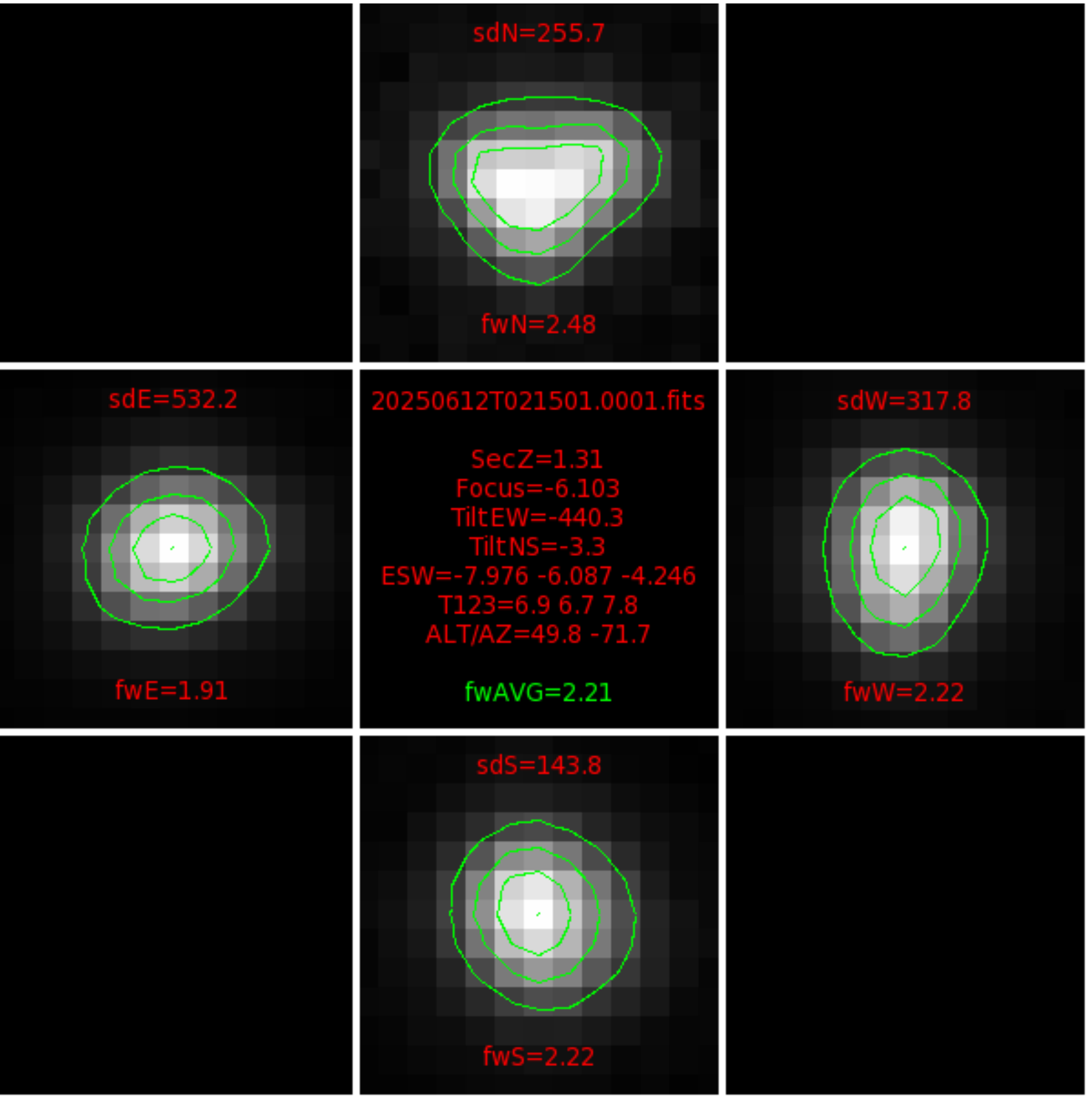

sdN=266.7
fwN=2.38
sdE=562.3
fwE=1.83
20250612T021432.0001.fits
SecZ=1.31
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.7 7.8
ALT/AZ=49.9 -71.7
sdS=155.2
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=255.7
fwN=2.48
sdE=532.2
fwE=1.91
20250612T021501.0001.fits
SecZ=1.31
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.7 7.8
ALT/AZ=49.8 -71.7
fwAVG=2.21
sdW=317.8
fwW=2.22
sdS=143.8
fwS=2.22
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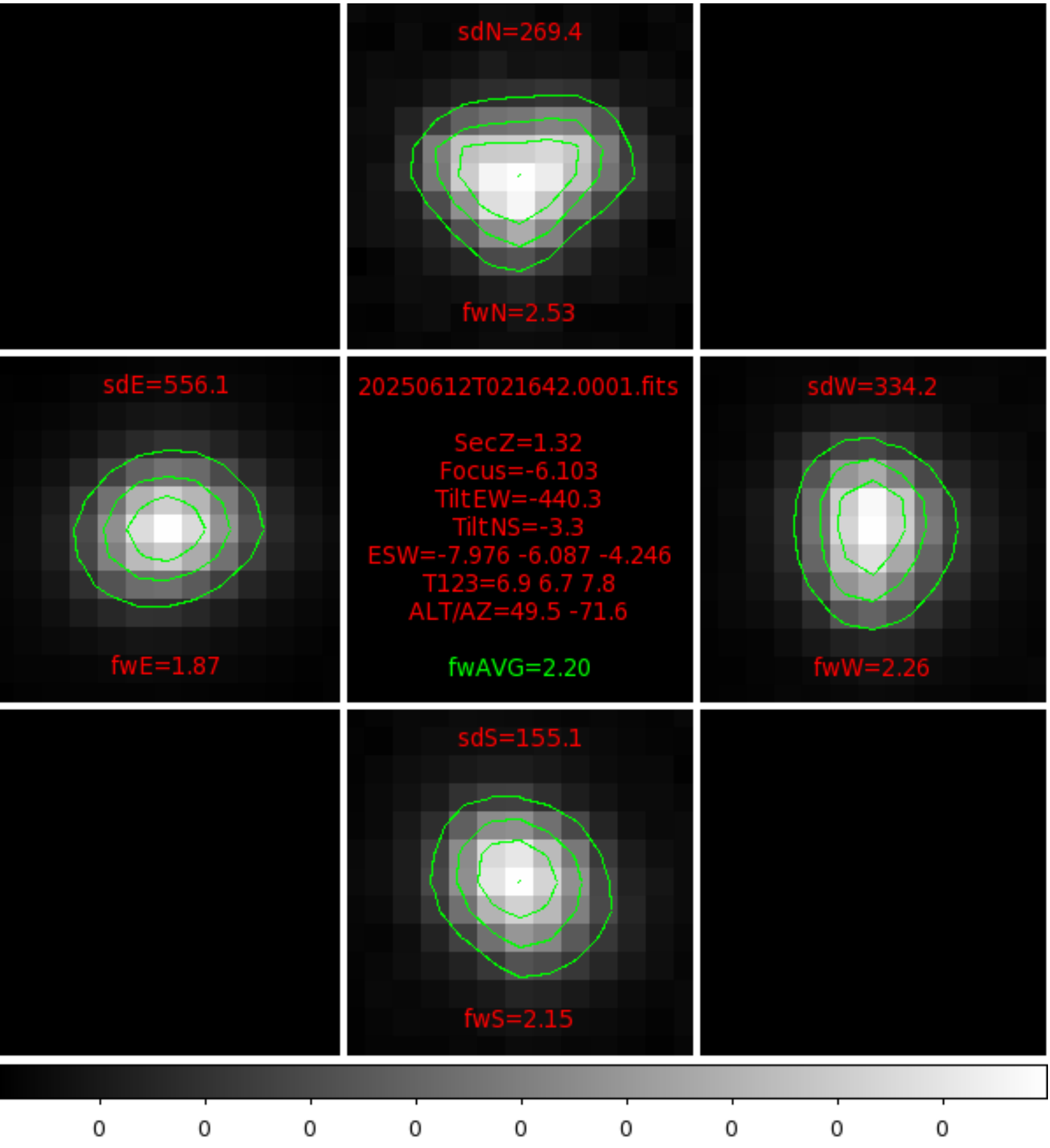
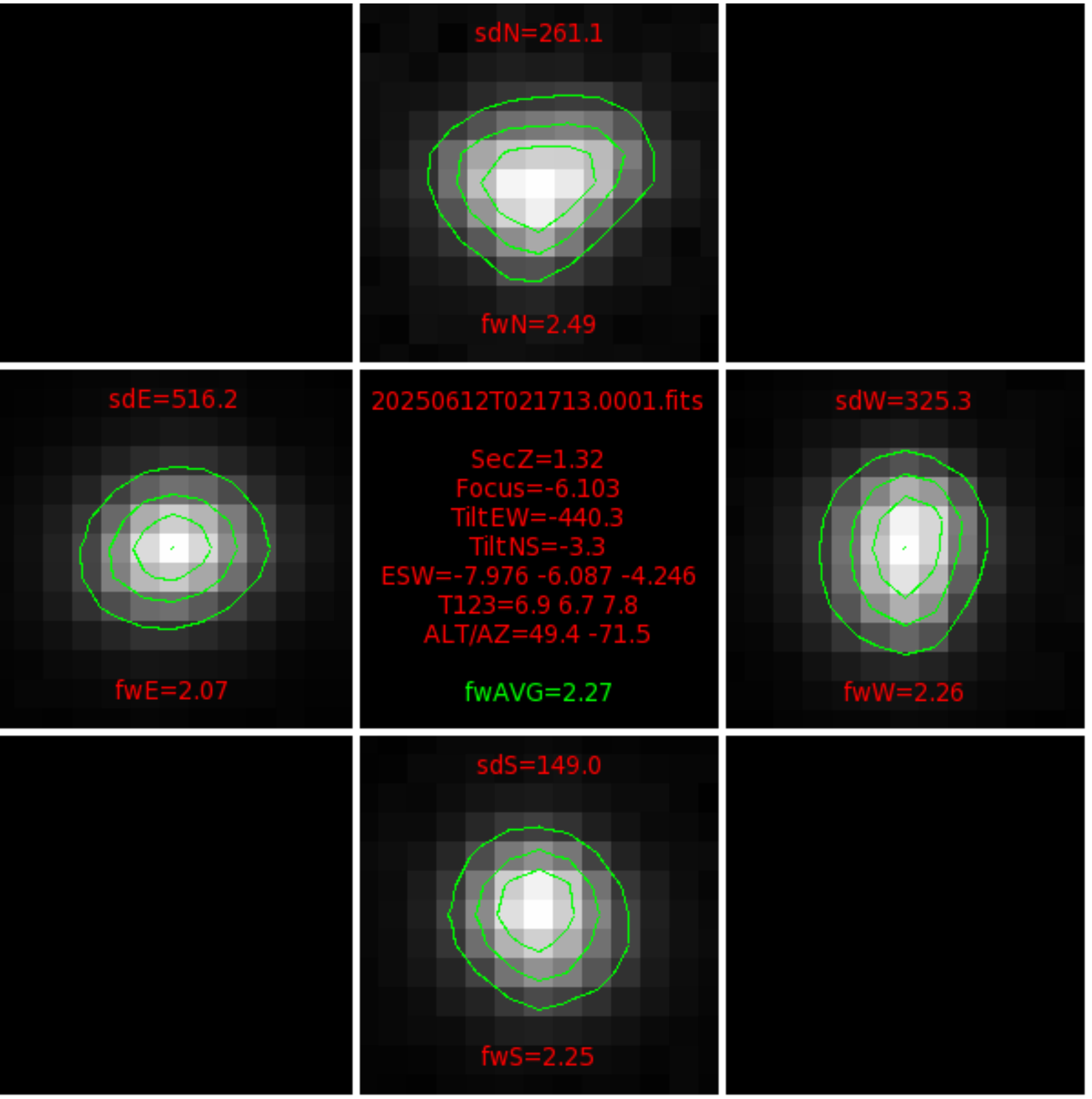
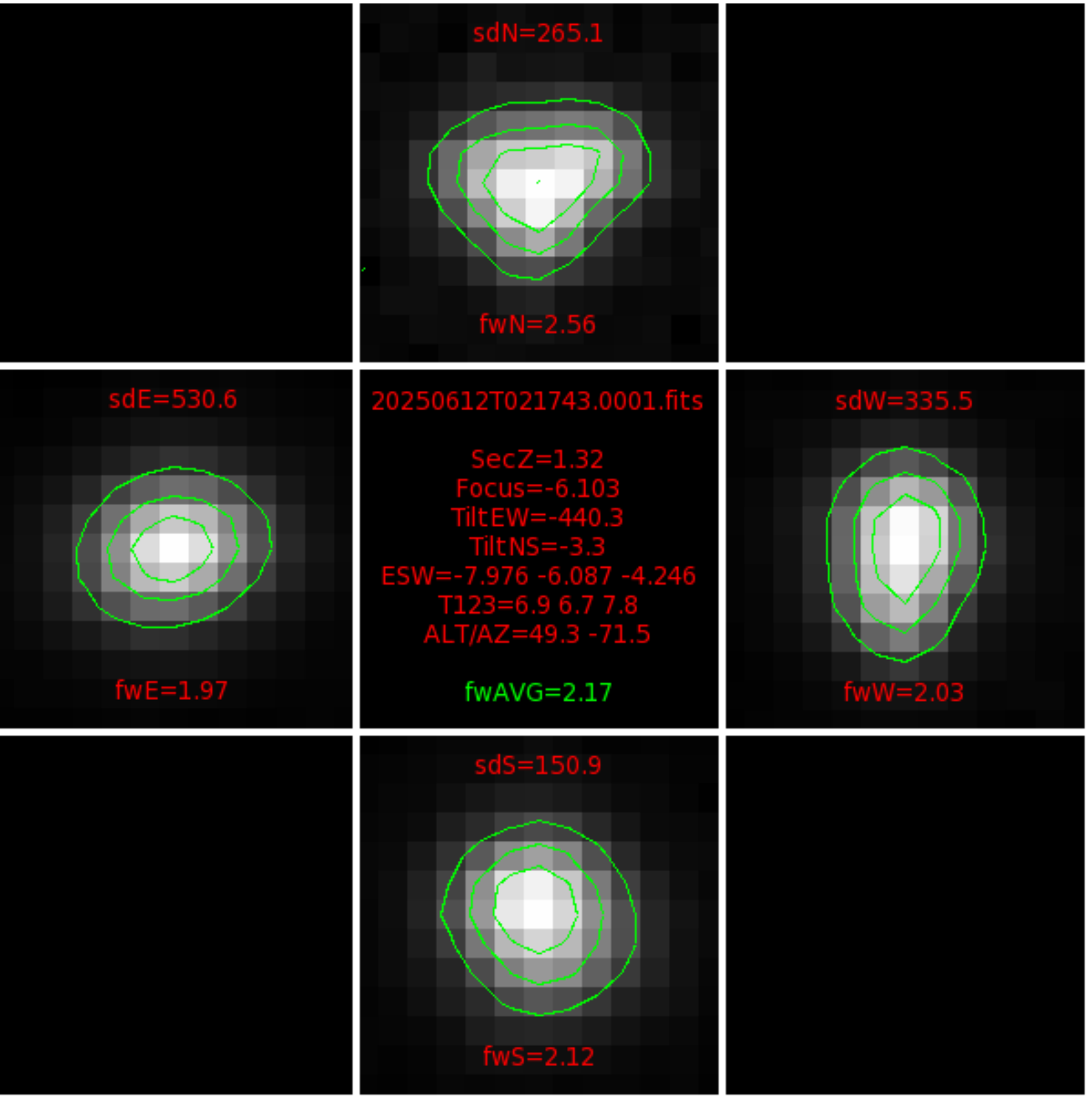
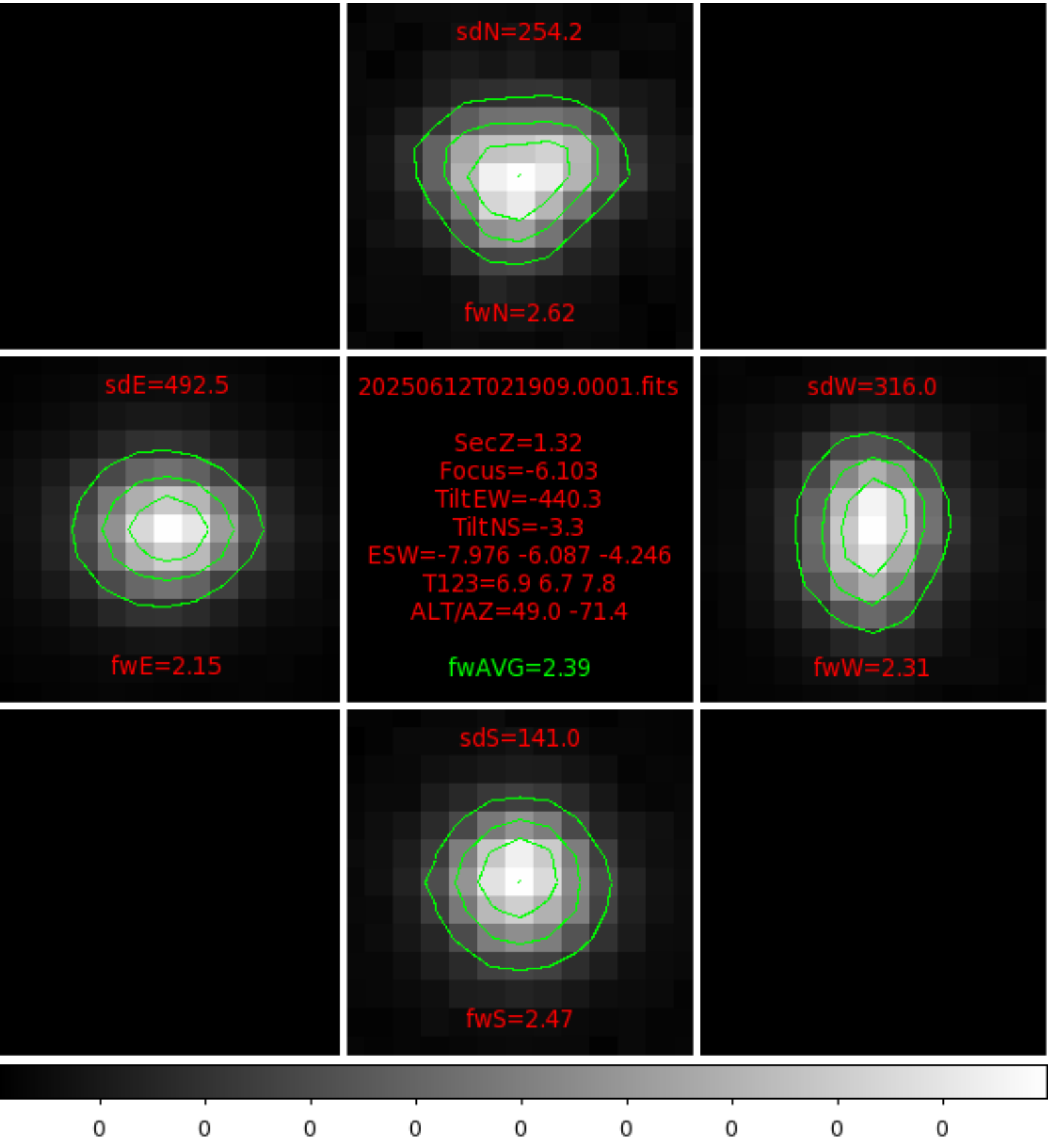
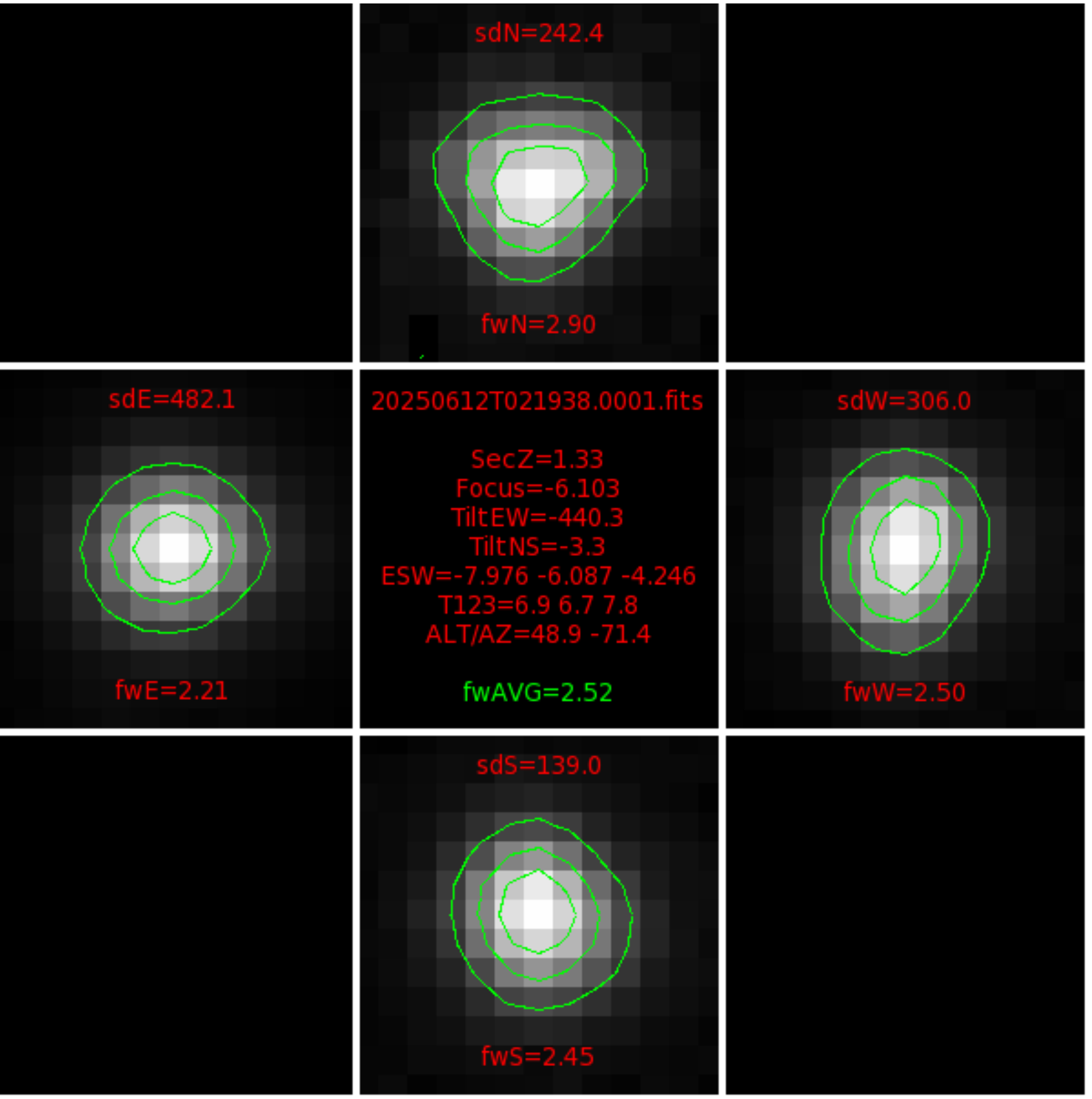
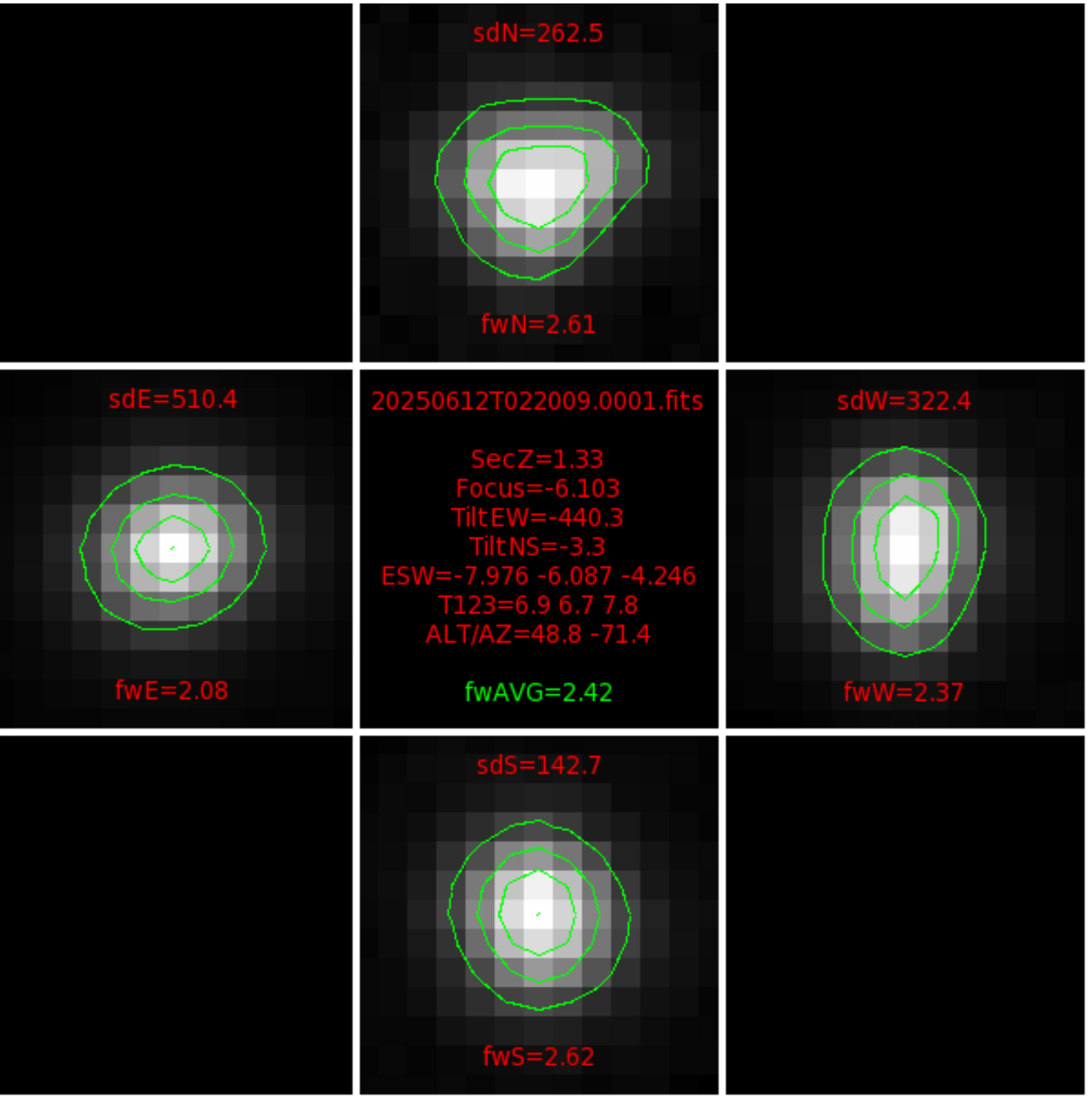

sdN=269.4
fwN=2.53
sdE=556.1
fwE=1.87
20250612T021642.0001.fits
SecZ=1.32
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.7 7.8
ALT/AZ=49.5 -71.6
fwAVG=2.20
sdW=334.2
fwW=2.26
sdS=155.1
fwS=2.15
0 0 0 0 0 0 0 0 0

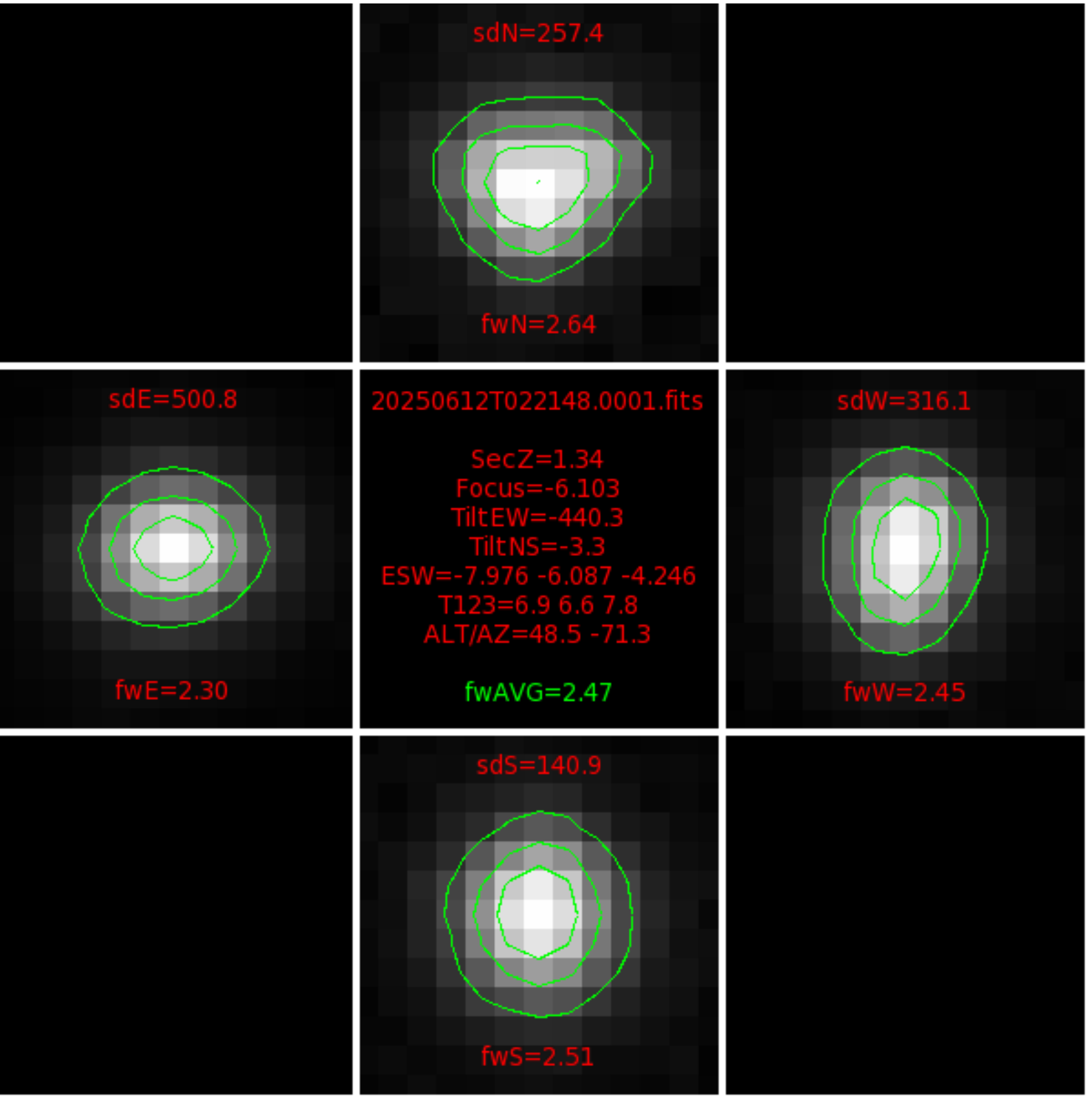

sdN=261.1
fwN=2.49
sdE=516.2
fwE=2.07
20250612T021713.0001.fits
SecZ=1.32
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.7 7.8
ALT/AZ=49.4 -71.5
fwAVG=2.27
sdW=325.3
fwW=2.26
sdS=149.0
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=265.1
fwN=2.56
sdE=530.6
fwE=1.97
20250612T021743.0001.fits
SecZ=1.32
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.7 7.8
ALT/AZ=49.3 -71.5
fwAVG=2.17
sdW=335.5
fwW=2.03
sdS=150.9
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=254.2
fwN=2.62
sdE=492.5
fwE=2.15
20250612T021909.0001.fits
SecZ=1.32
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.7 7.8
ALT/AZ=49.0 -71.4
fwAVG=2.39
sdW=316.0
fwW=2.31
sdS=141.0
fwS=2.47
0 0 0 0 0 0 0 0 0


sdN=242.4
fwN=2.90
sdE=482.1
fwE=2.21
20250612T021938.0001.fits
SecZ=1.33
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.7 7.8
ALT/AZ=48.9 -71.4
fwAVG=2.52
sdW=306.0
fwW=2.50
sdS=139.0
fwS=2.45
0 0 0 0 0 0 0 0 0


sdN=262.5
fwN=2.61
sdE=510.4
fwE=2.08
20250612T022009.0001.fits
SecZ=1.33
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.7 7.8
ALT/AZ=48.8 -71.4
fwAVG=2.42
sdW=322.4
fwW=2.37
sdS=142.7
fwS=2.62
0 0 0 0 0 0 0 0 0


sdN=257.4
fwN=2.64
sdE=500.8
fwE=2.30
20250612T022148.0001.fits
SecZ=1.34
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.6 7.8
ALT/AZ=48.5 -71.3
fwAVG=2.47
sdW=316.1
fwW=2.45
sdS=140.9
fwS=2.51
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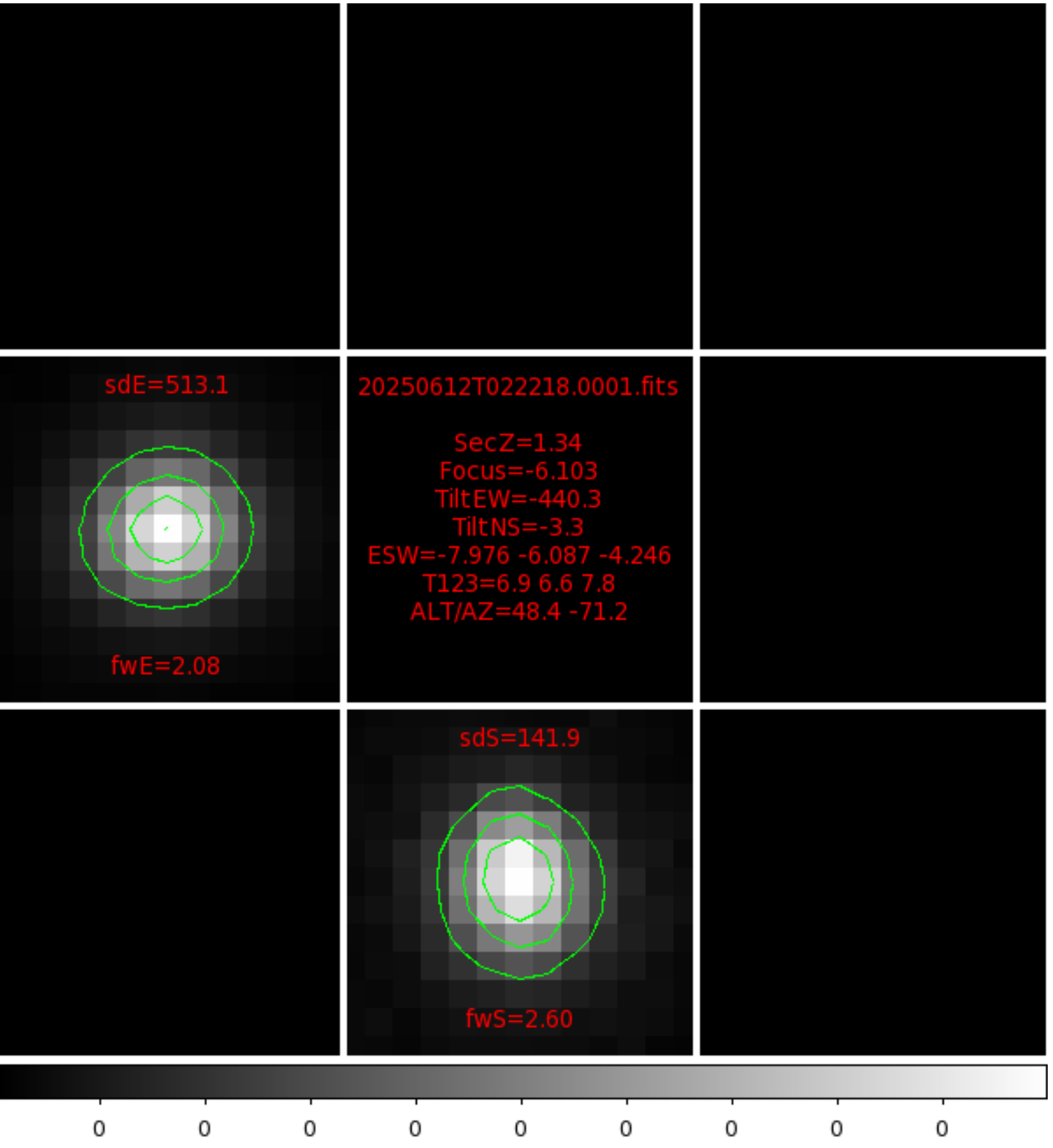
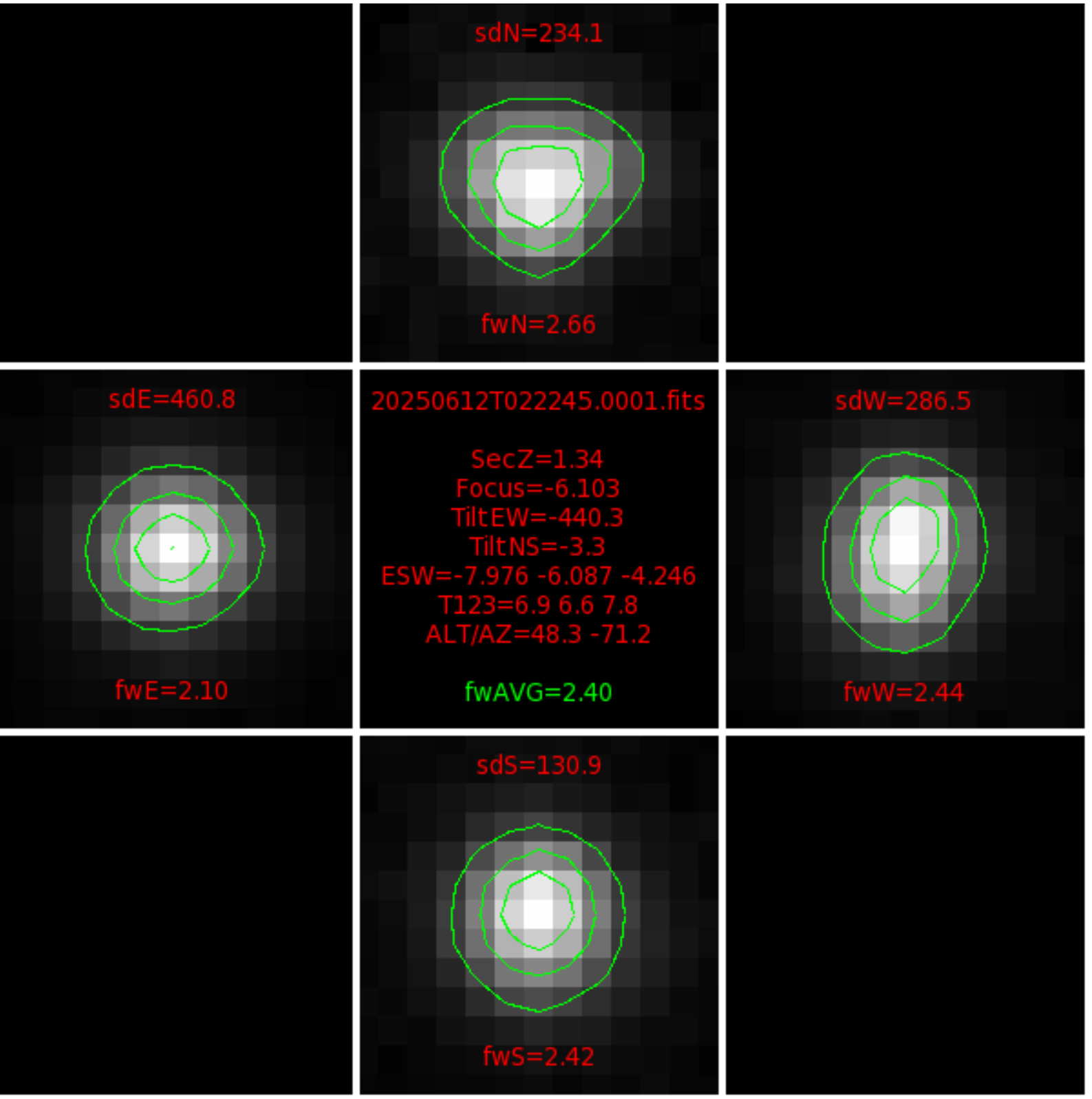
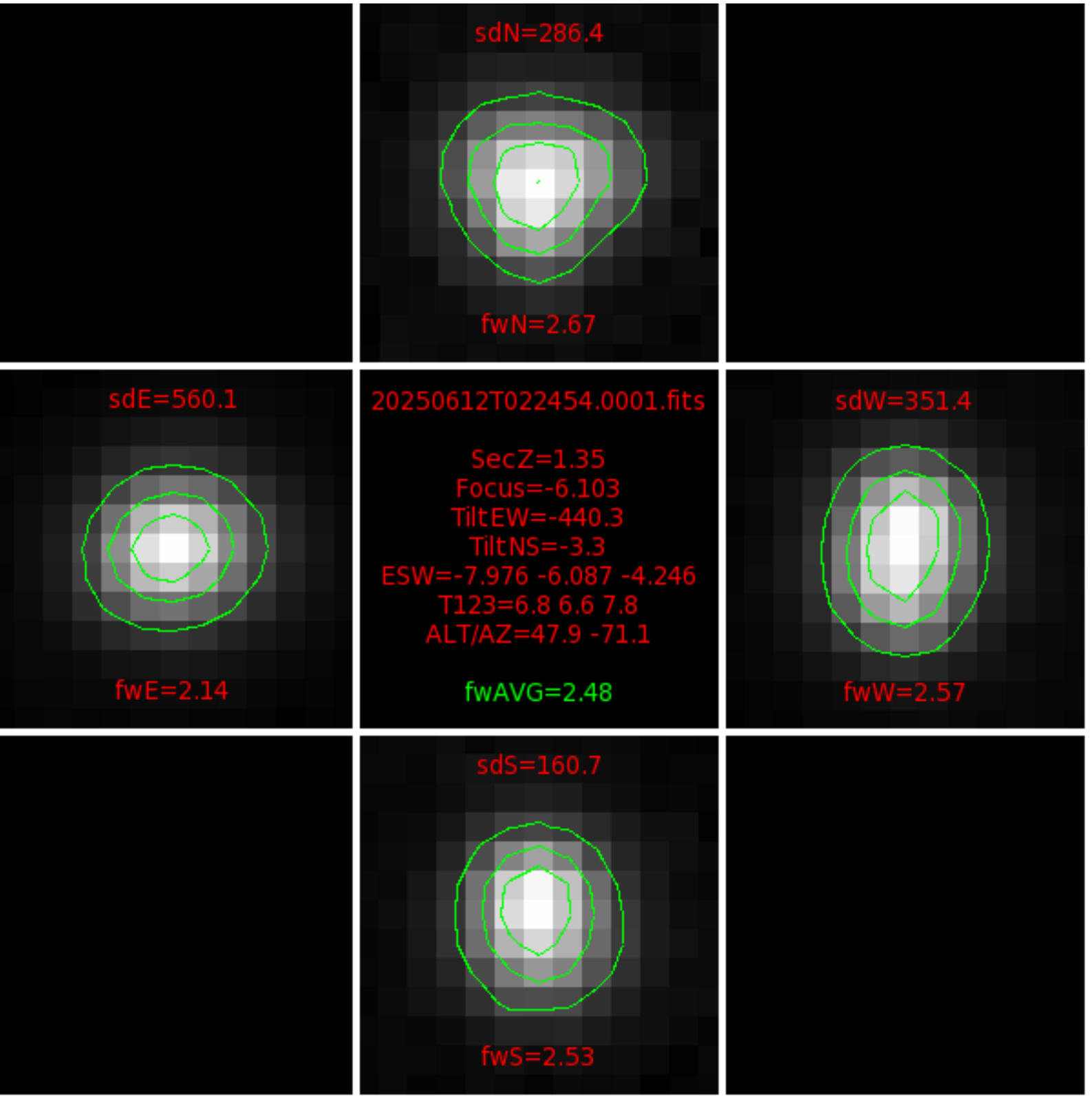
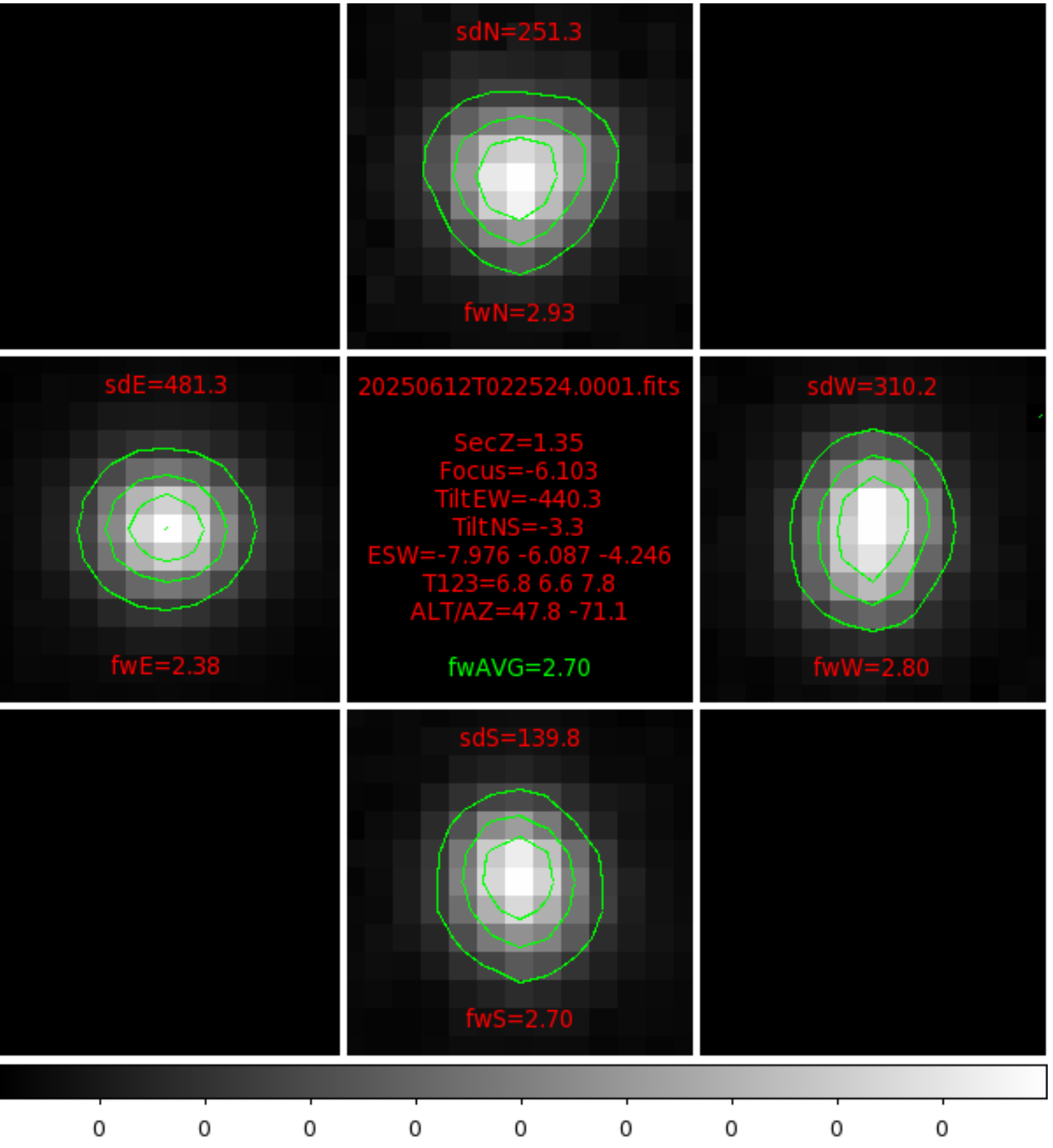
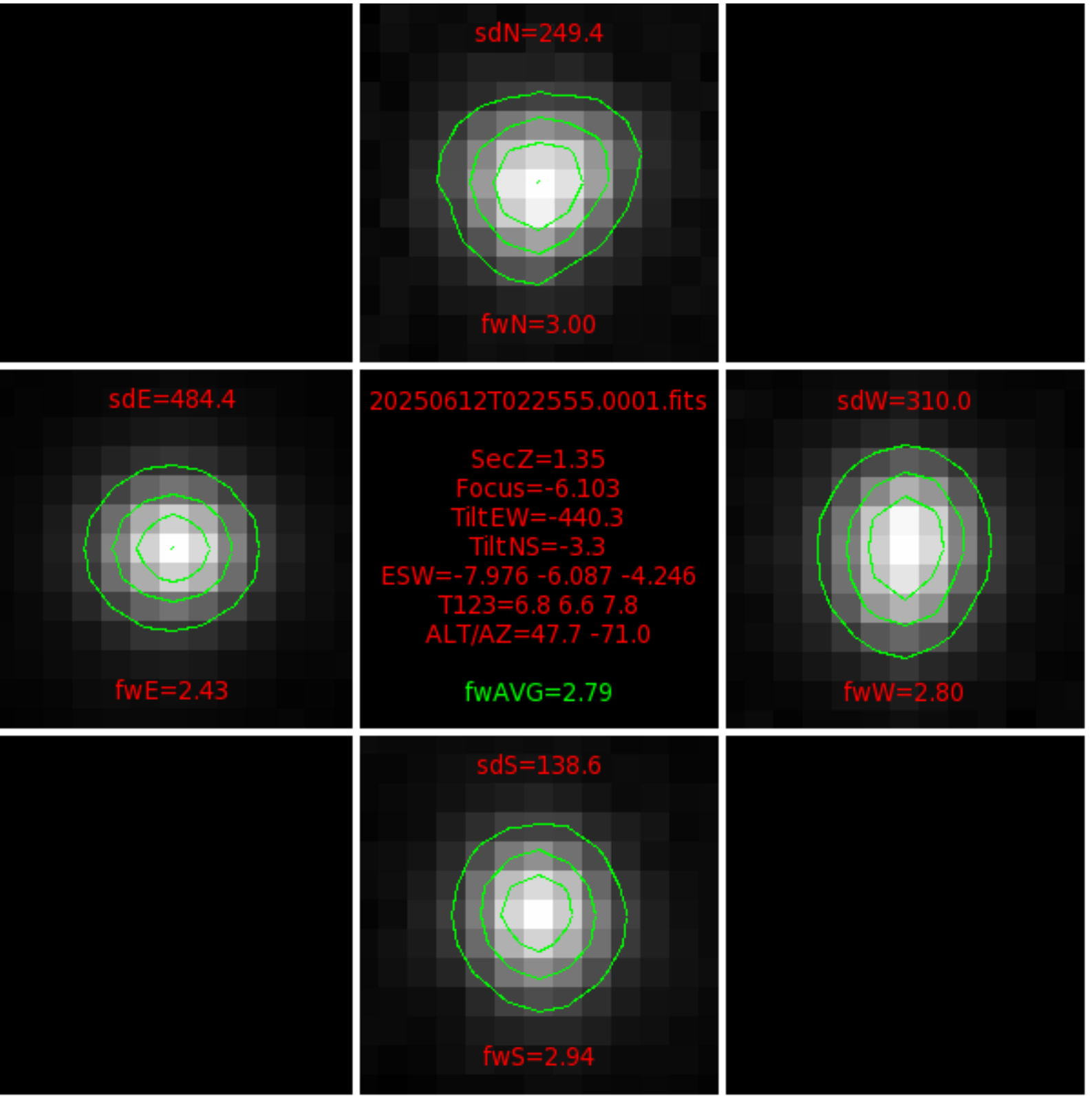
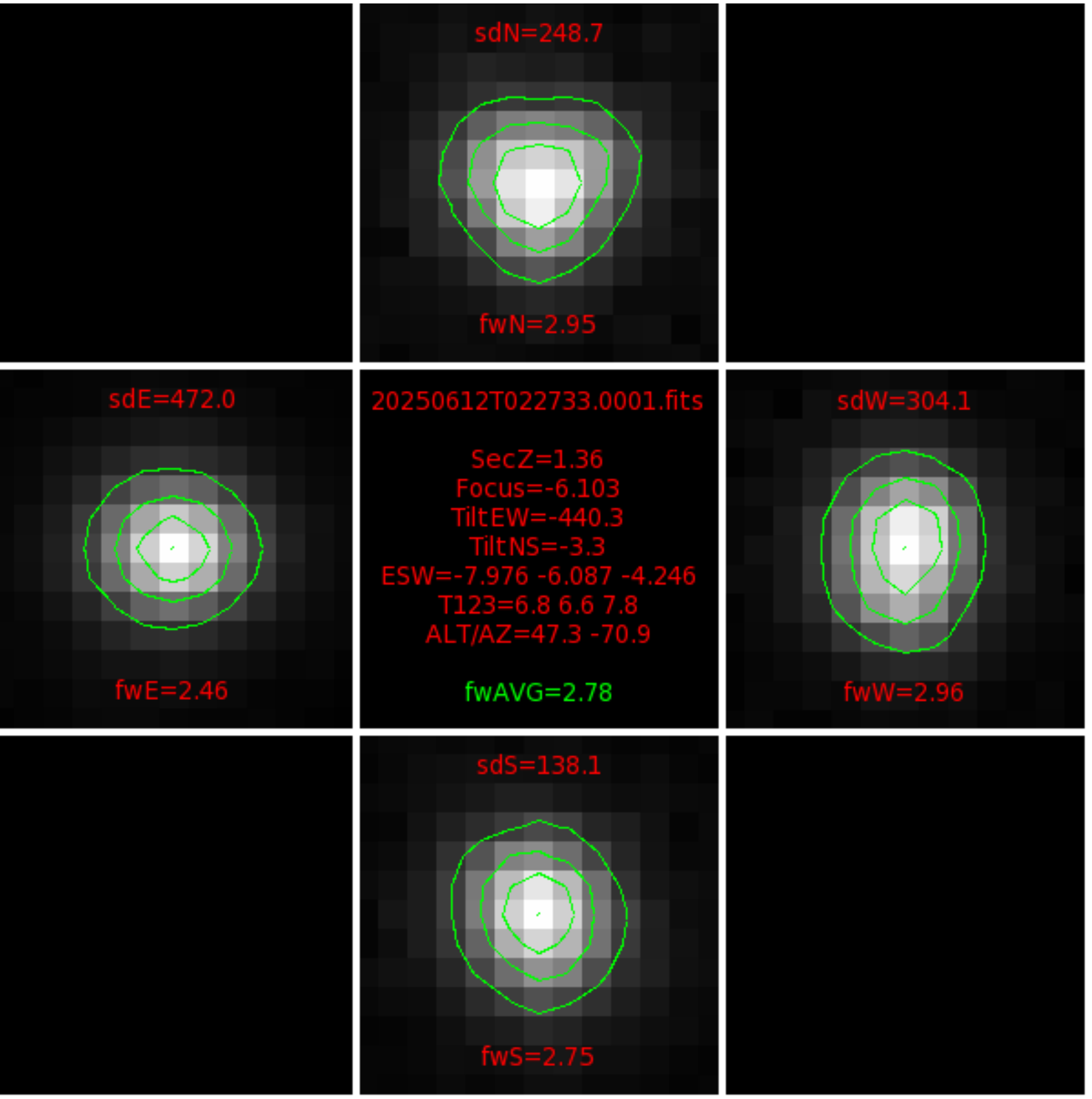

sdE=513.1
20250612T022218.0001.fits
SecZ=1.34
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.6 7.8
ALT/AZ=48.4 -71.2
fwE=2.08
sdS=141.9
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=234.1
fwN=2.66
sdE=460.8
fwE=2.10
20250612T022245.0001.fits
SecZ=1.34
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.9 6.6 7.8
ALT/AZ=48.3 -71.2
fwAVG=2.40
sdW=286.5
fwW=2.44
sdS=130.9
fwS=2.42
0 0 0 0 0 0 0 0 0


sdN=286.4
fwN=2.67
sdE=560.1
fwE=2.14
20250612T022454.0001.fits
SecZ=1.35
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.8 6.6 7.8
ALT/AZ=47.9 -71.1
fwAVG=2.48
sdW=351.4
fwW=2.57
sdS=160.7
fwS=2.53
0 0 0 0 0 0 0 0 0


sdN=251.3
fwN=2.93
sdE=481.3
fwE=2.38
20250612T022524.0001.fits
SecZ=1.35
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.8 6.6 7.8
ALT/AZ=47.8 -71.1
fwAVG=2.70
sdW=310.2
fwW=2.80
sdS=139.8
fwS=2.70
0 0 0 0 0 0 0 0 0


sdN=249.4
fwN=3.00
sdE=484.4
fwE=2.43
20250612T022555.0001.fits
SecZ=1.35
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.8 6.6 7.8
ALT/AZ=47.7 -71.0
fwAVG=2.79
sdW=310.0
fwW=2.80
sdS=138.6
fwS=2.94
0 0 0 0 0 0 0 0 0


sdN=248.7
fwN=2.95
sdE=472.0
fwE=2.46
20250612T022733.0001.fits
SecZ=1.36
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.8 6.6 7.8
ALT/AZ=47.3 -70.9
fwAVG=2.78
sdW=304.1
fwW=2.96
sdS=138.1
fwS=2.75
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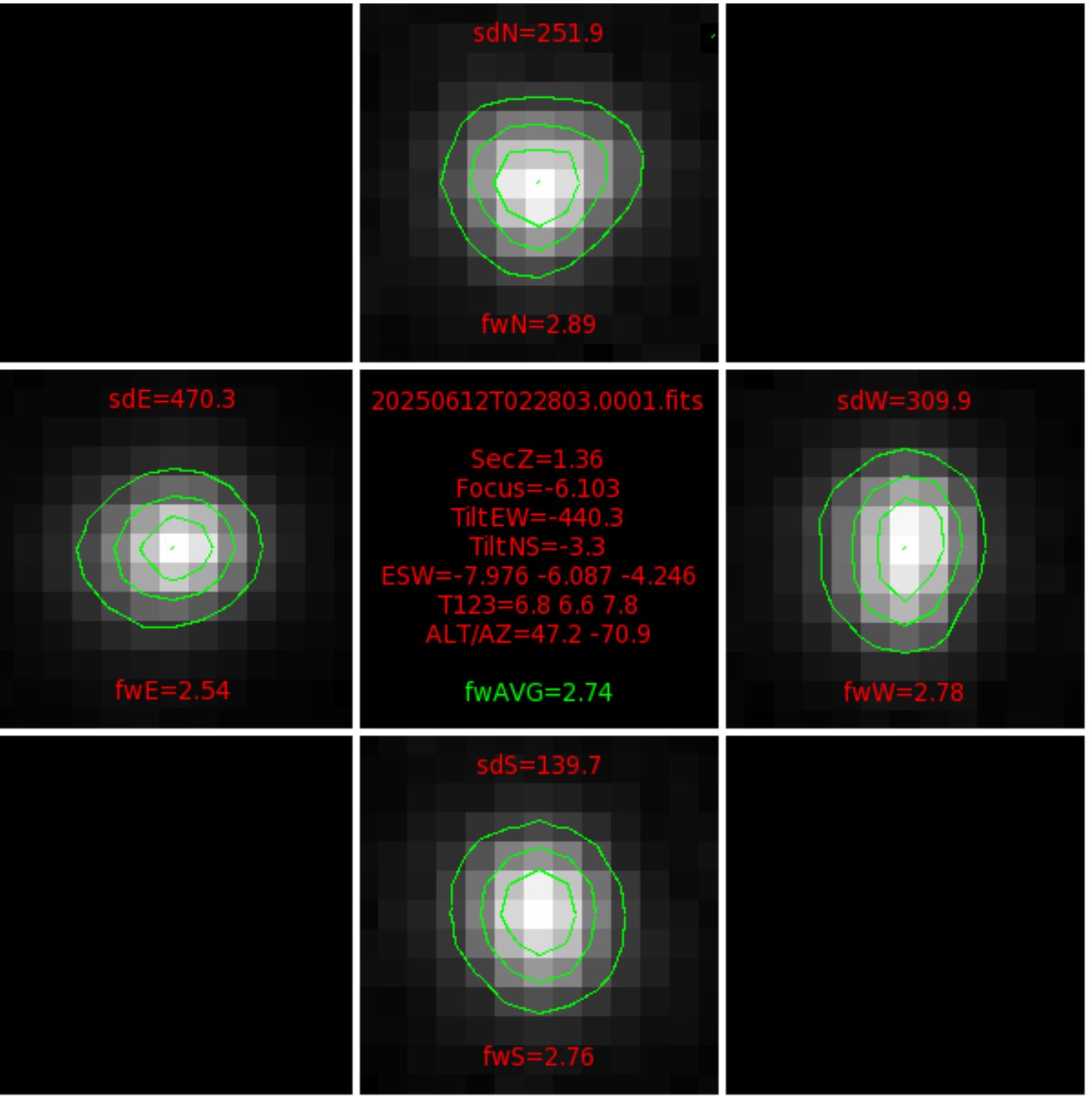
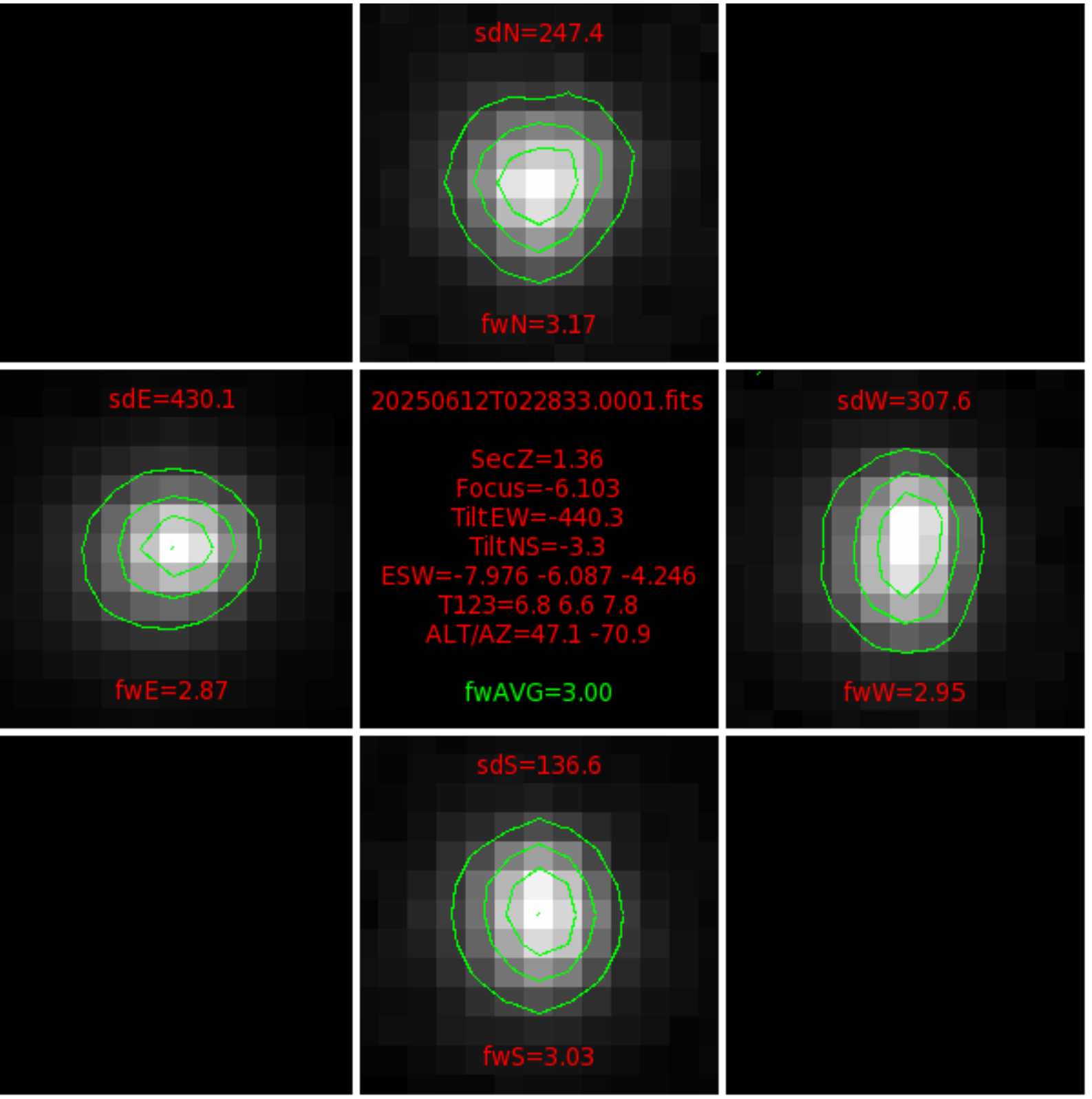

sdN=251.9
fwN=2.89
sdE=470.3
fwE=2.54
20250612T022803.0001.fits
SecZ=1.36
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.8 6.6 7.8
ALT/AZ=47.2 -70.9
fwAVG=2.74
sdW=309.9
fwW=2.78
sdS=139.7
fwS=2.76
0 0 0 0 0 0 0 0 0


sdN=247.4
fwN=3.17
sdE=430.1
fwE=2.87
20250612T022833.0001.fits
SecZ=1.36
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.8 6.6 7.8
ALT/AZ=47.1 -70.9
fwAVG=3.00
sdW=307.6
fwW=2.95
sdS=136.6
fwS=3.03
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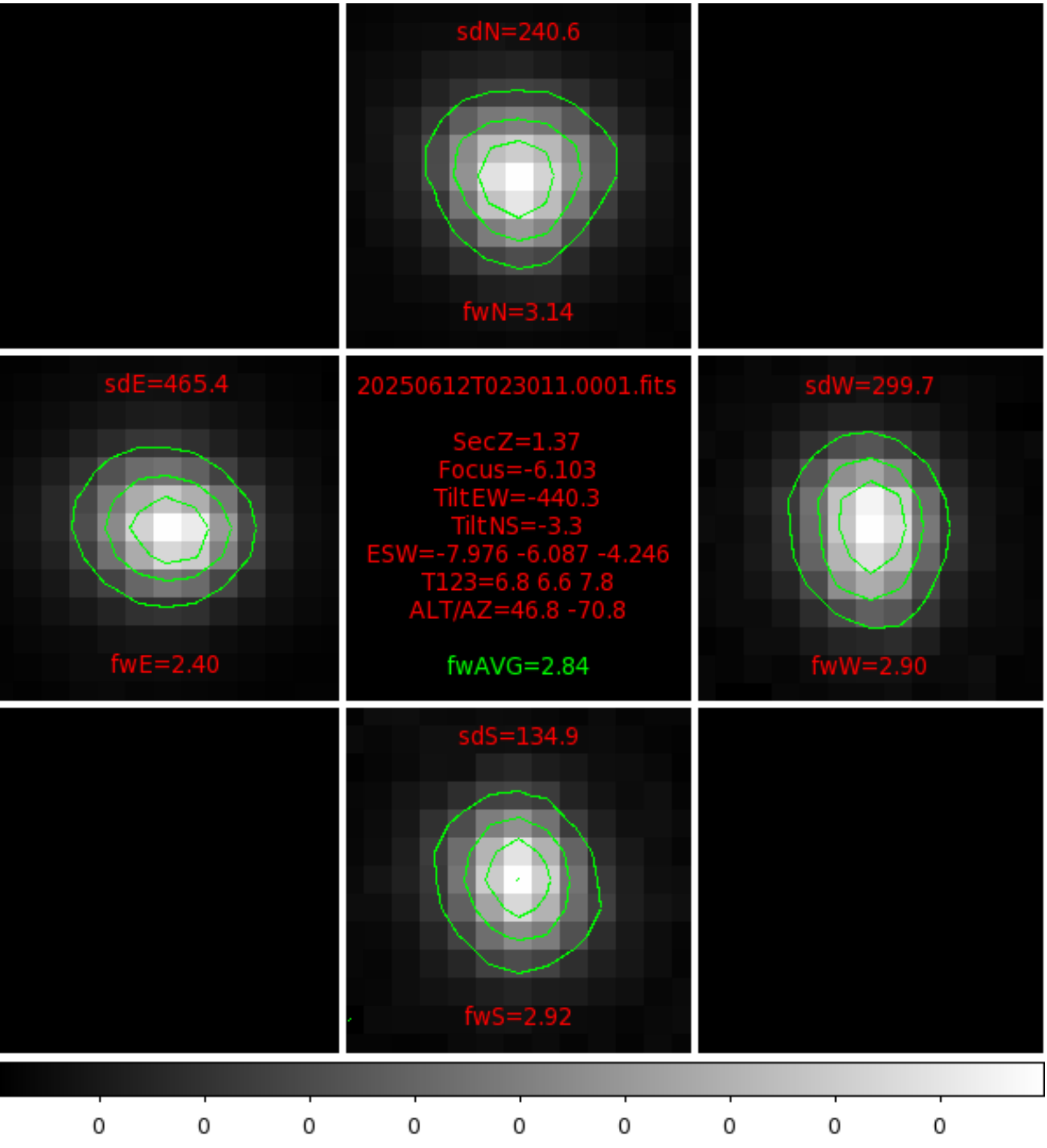
sdN=240.6
fwN=3.14
sdE=465.4
fwE=2.40
20250612T023011.0001.fits
SecZ=1.37
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.8 6.6 7.8
ALT/AZ=46.8 -70.8
fwAVG=2.84
sdW=299.7
fwW=2.90
sdS=134.9
fwS=2.92
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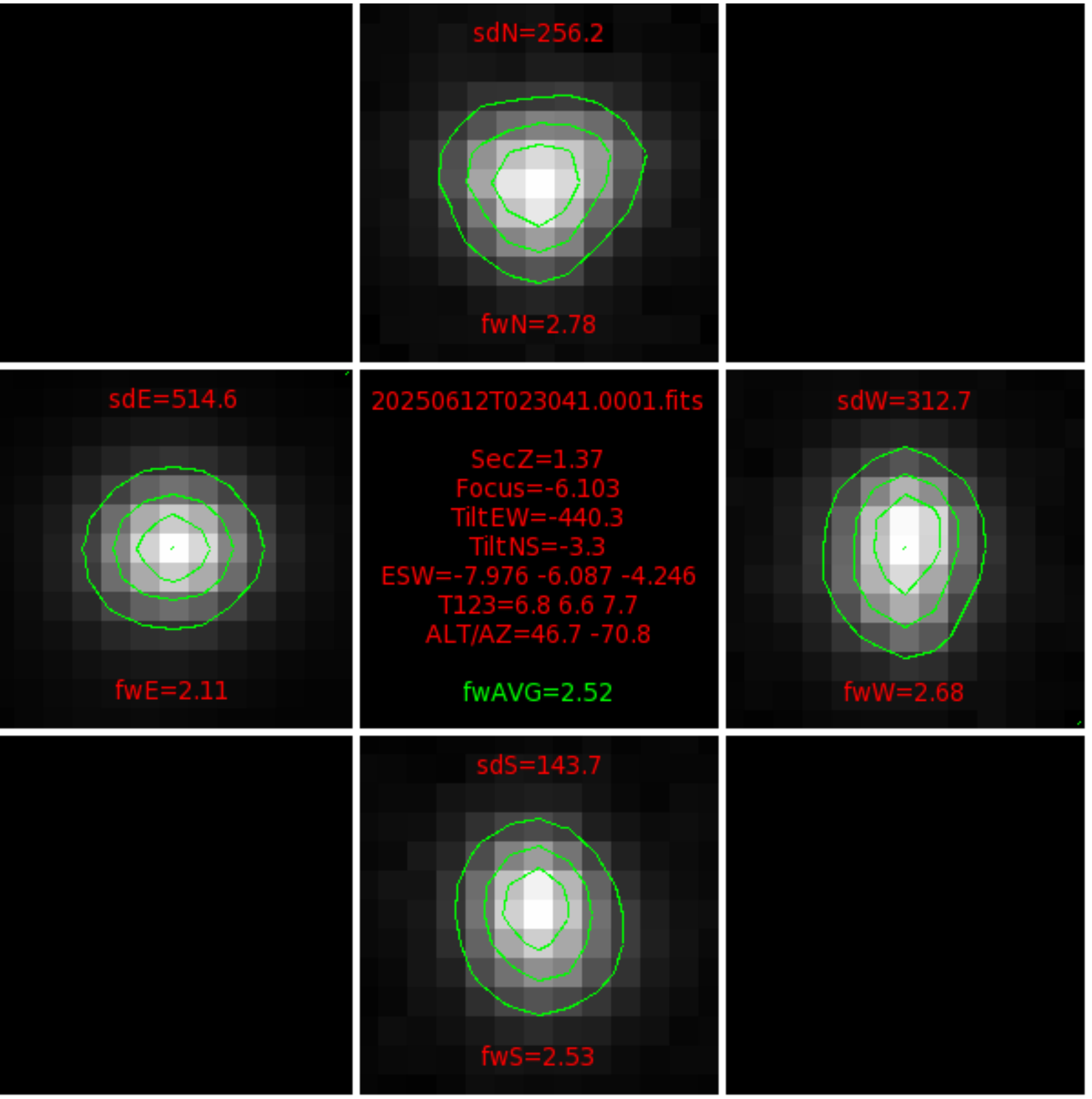
sdN=256.2
fwN=2.78
sdE=514.6
fwE=2.11
20250612T023041.0001.fits
SecZ=1.37
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.8 6.6 7.7
ALT/AZ=46.7 -70.8
fwAVG=2.52
sdW=312.7
fwW=2.68
sdS=143.7
fwS=2.53
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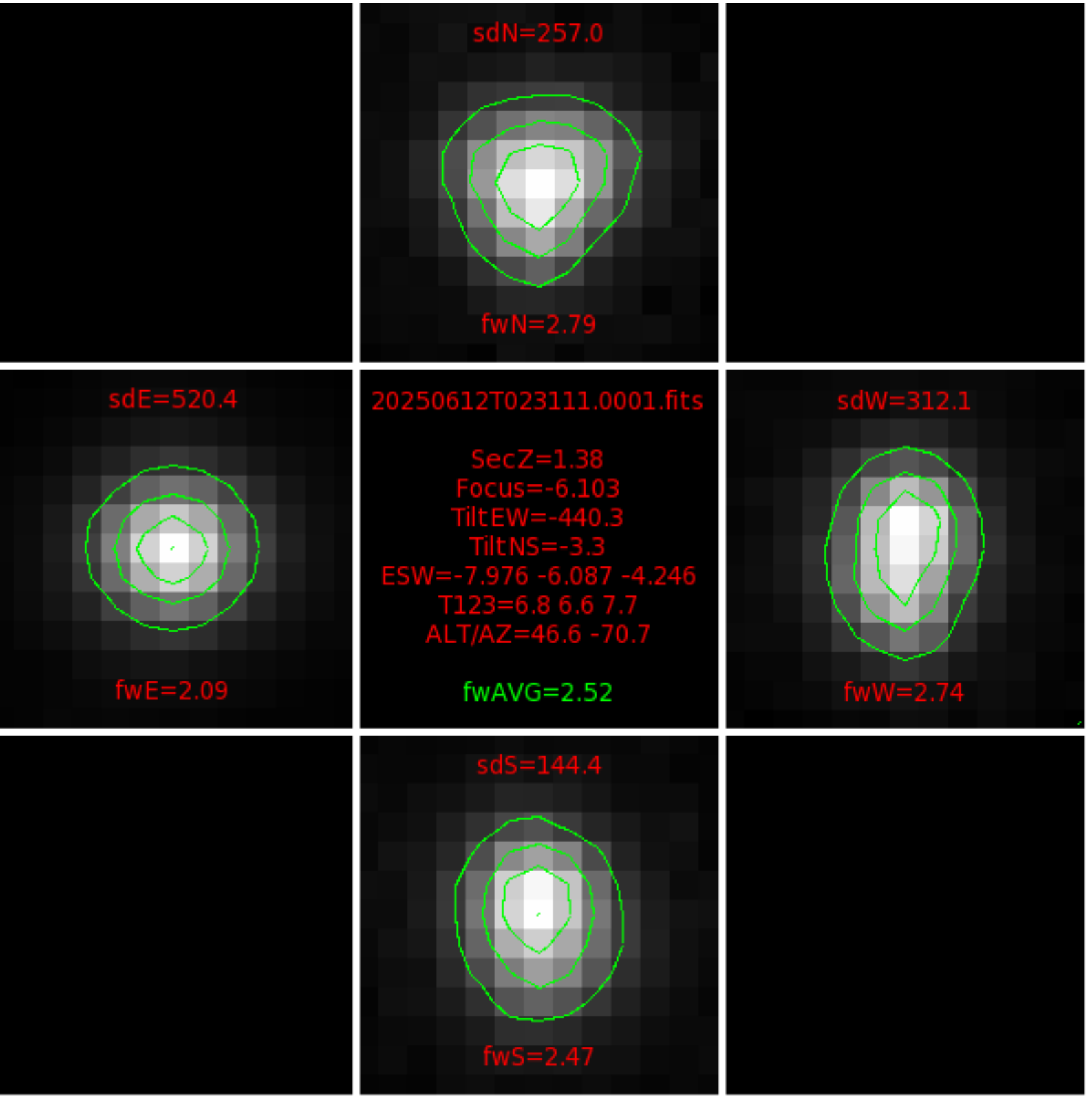
sdN=257.0
fwN=2.79
sdE=520.4
fwE=2.09
20250612T023111.0001.fits
SecZ=1.38
Focus=-6.103
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.976 -6.087 -4.246
T123=6.8 6.6 7.7
ALT/AZ=46.6 -70.7
fwAVG=2.52
sdW=312.1
fwW=2.74
sdS=144.4
fwS=2.47
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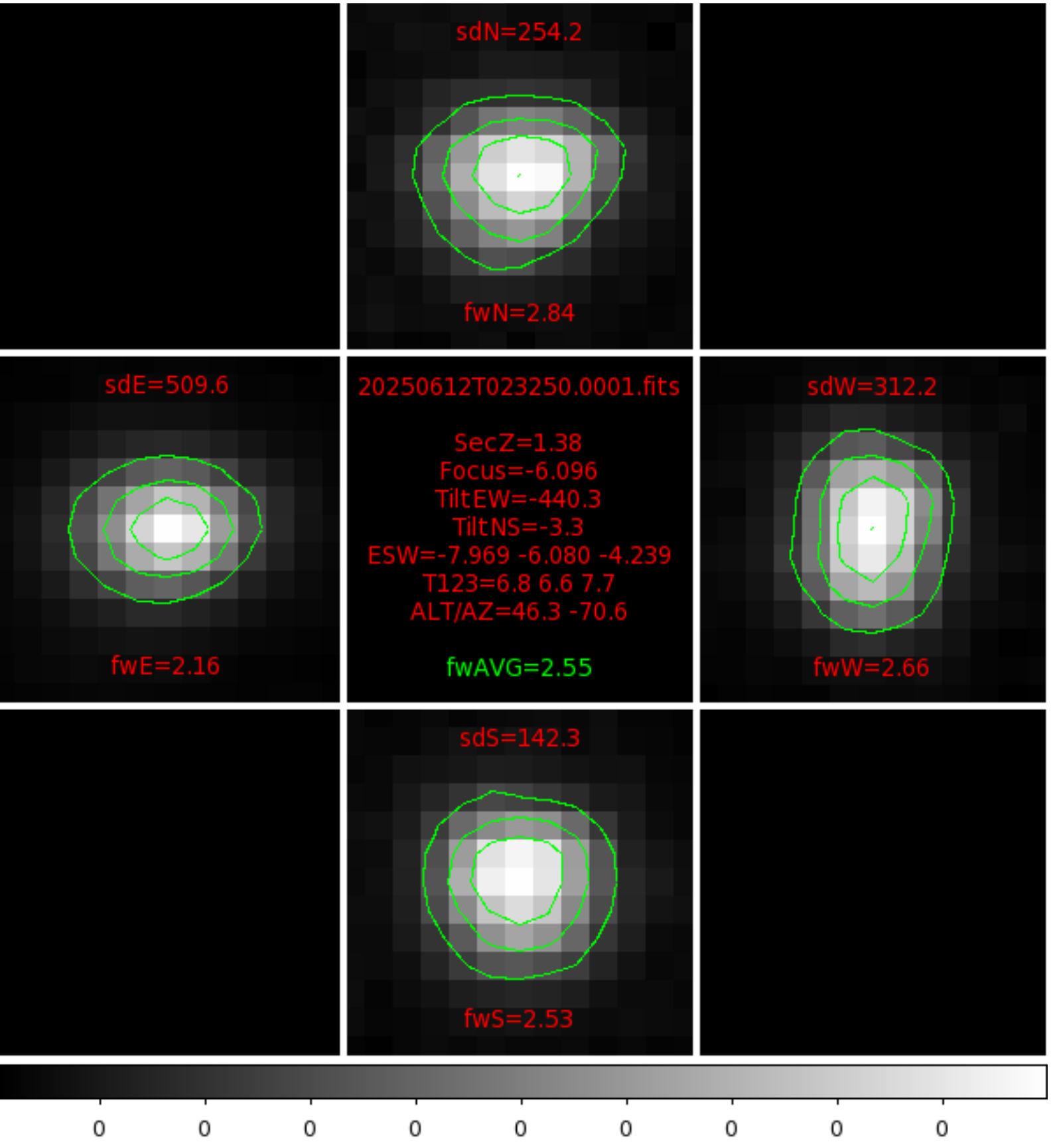
sdN=254.2
fwN=2.84
sdE=509.6
fwE=2.16
20250612T023250.0001.fits
SecZ=1.38
Focus=-6.096
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.969 -6.080 -4.239
T123=6.8 6.6 7.7
ALT/AZ=46.3 -70.6
fwAVG=2.55
sdW=312.2
fwW=2.66
sdS=142.3
fwS=2.53
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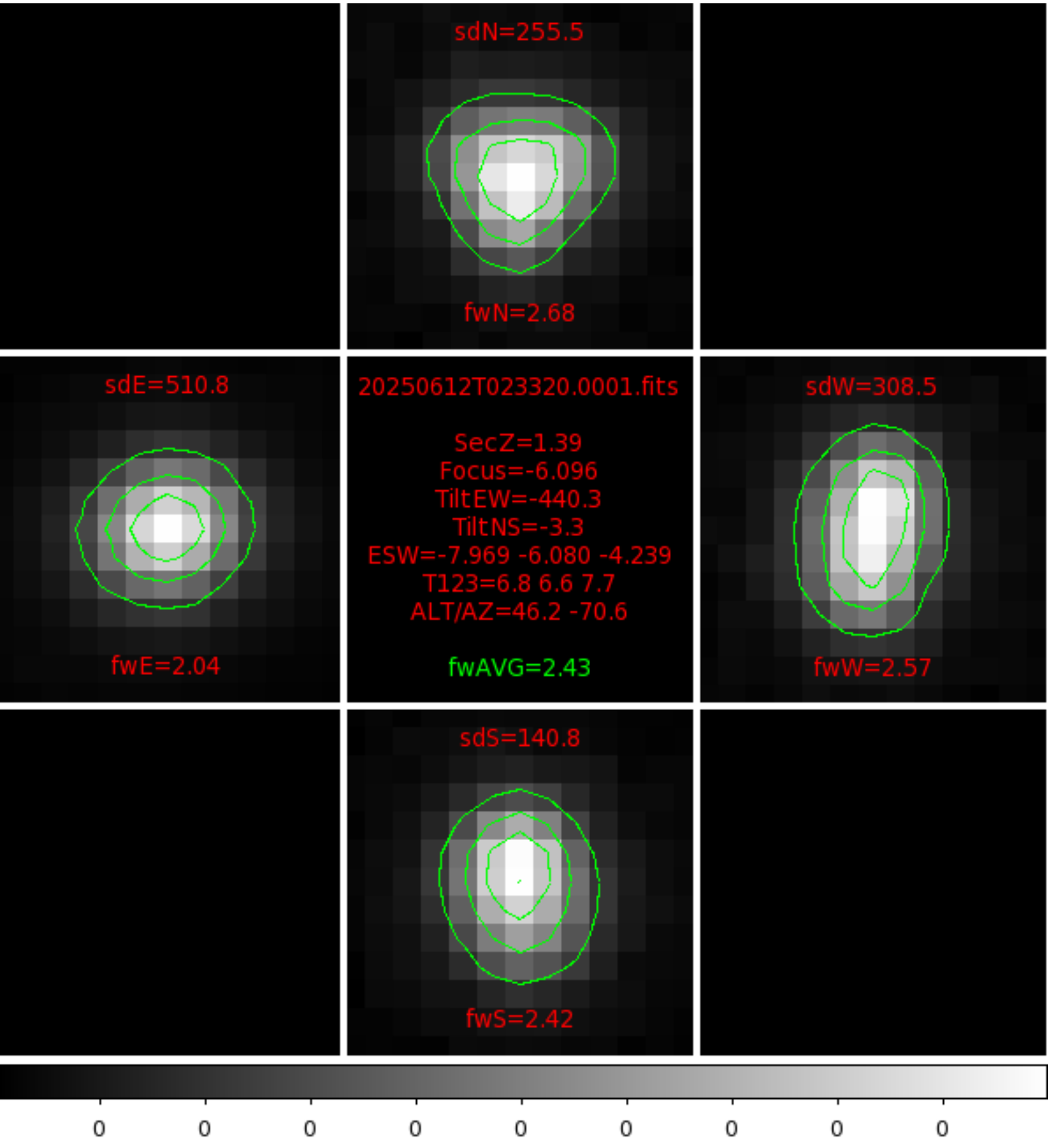
sdN=255.5
fwN=2.68
sdE=510.8
fwE=2.04
20250612T023320.0001.fits
SecZ=1.39
Focus=-6.096
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.969 -6.080 -4.239
T123=6.8 6.6 7.7
ALT/AZ=46.2 -70.6
fwAVG=2.43
sdW=308.5
fwW=2.57
sdS=140.8
fwS=2.42
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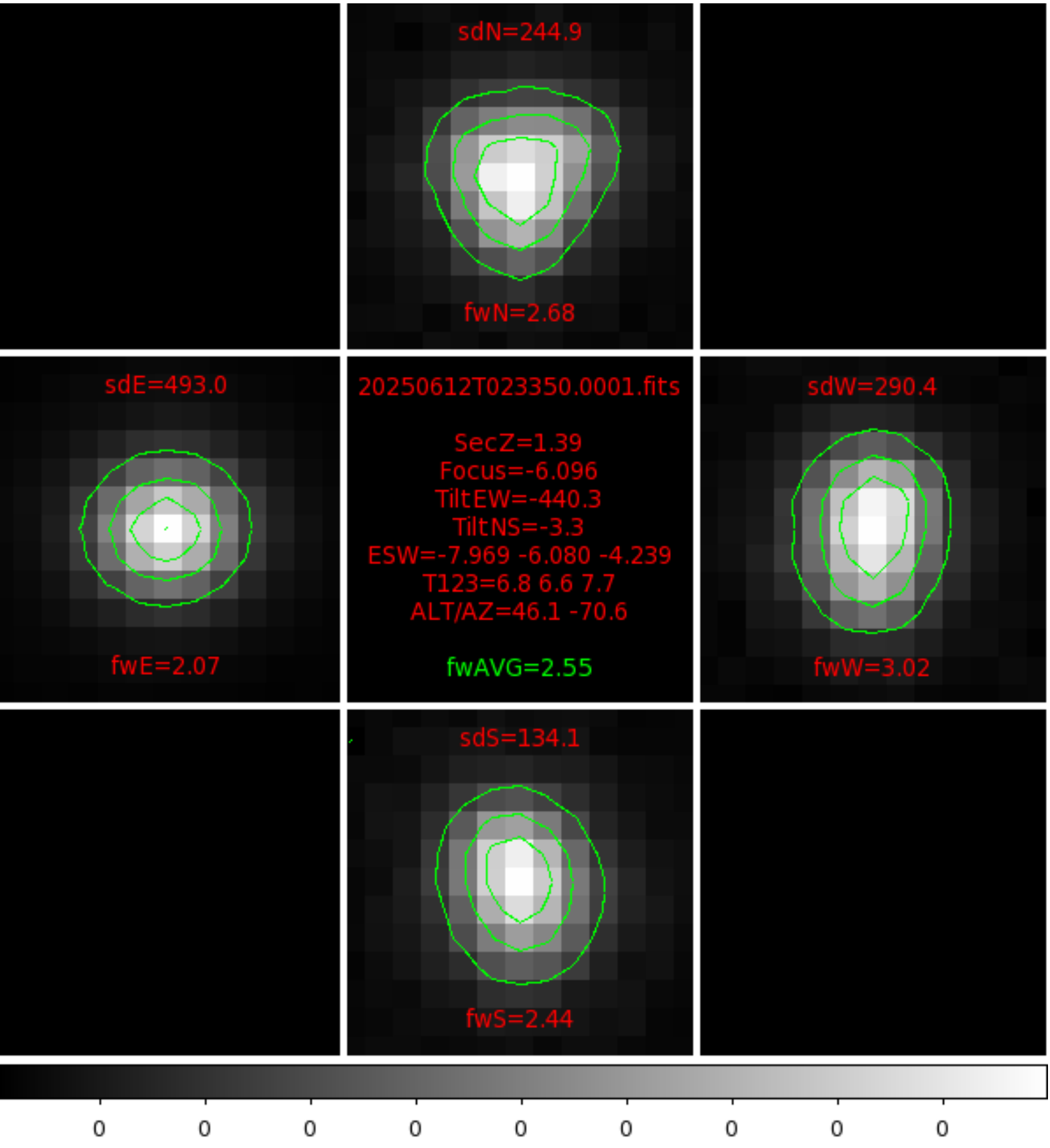
sdN=244.9
fwN=2.68
sdE=493.0
fwE=2.07
20250612T023350.0001.fits
SecZ=1.39
Focus=-6.096
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.969 -6.080 -4.239
T123=6.8 6.6 7.7
ALT/AZ=46.1 -70.6
fwAVG=2.55
sdW=290.4
fwW=3.02
sdS=134.1
fwS=2.44
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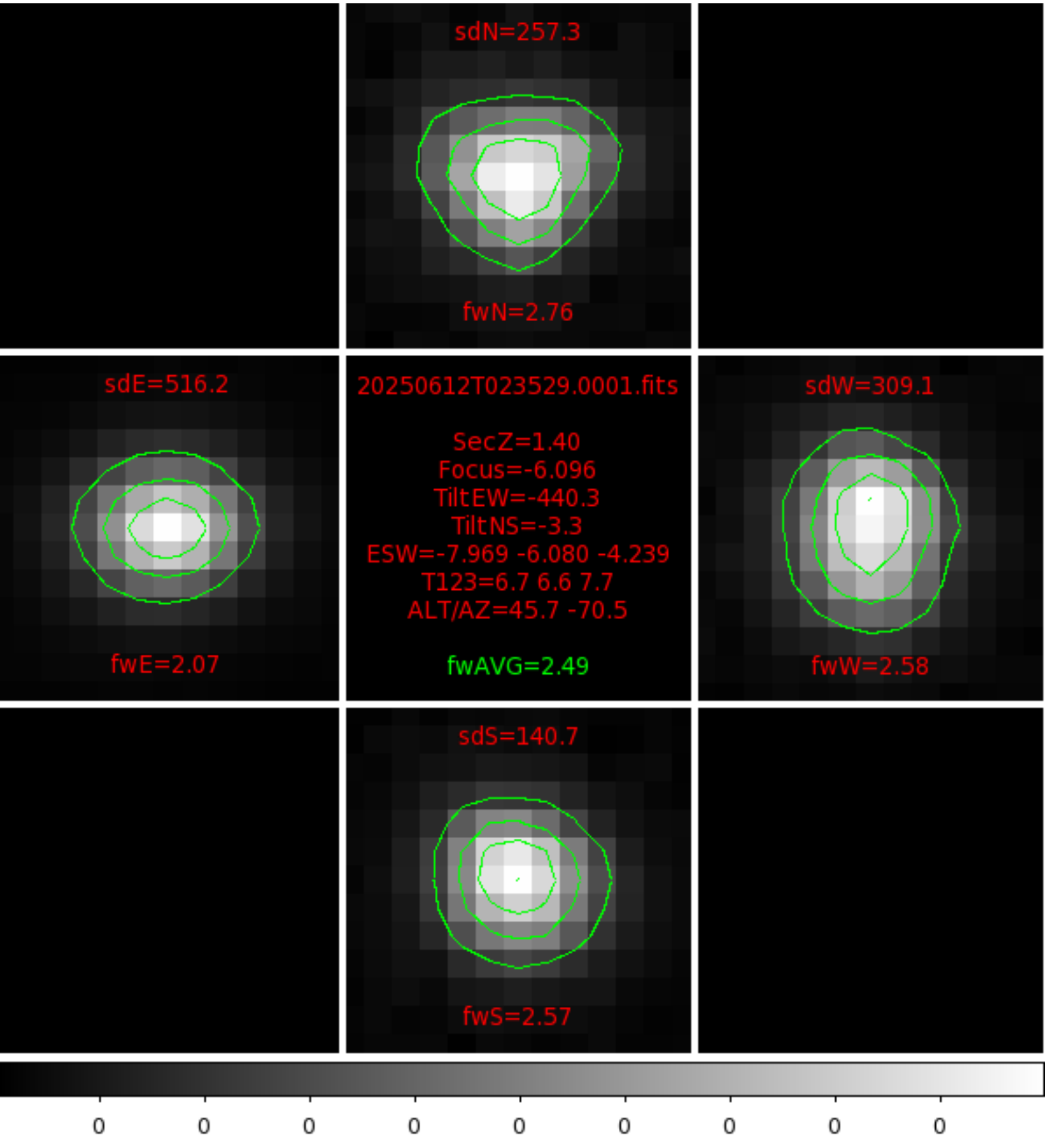
sdN=257.3
fwN=2.76
sdE=516.2
fwE=2.07
20250612T023529.0001.fits
SecZ=1.40
Focus=-6.096
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.969 -6.080 -4.239
T123=6.7 6.6 7.7
ALT/AZ=45.7 -70.5
fwAVG=2.49
sdW=309.1
fwW=2.58
sdS=140.7
fwS=2.57
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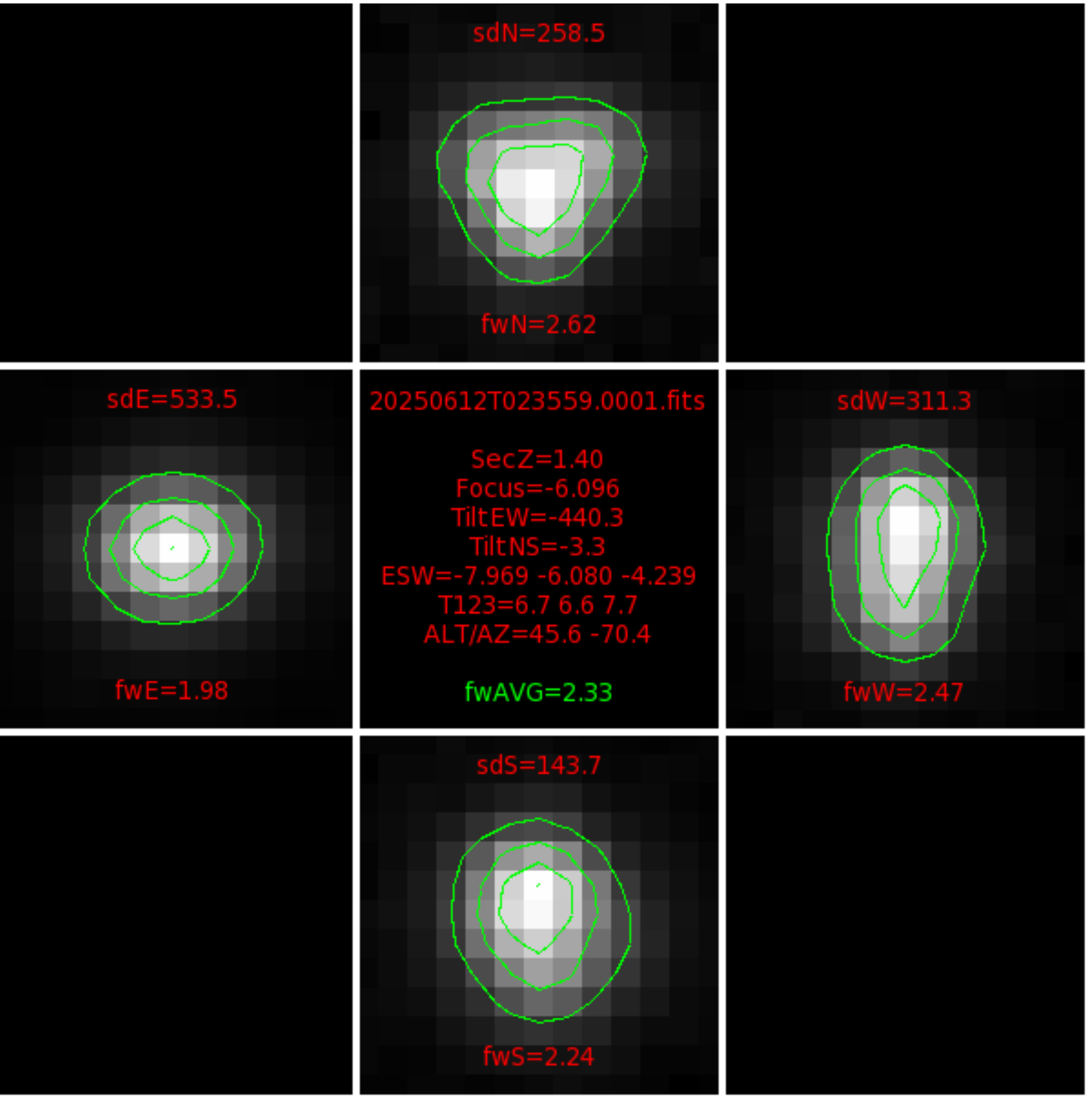
sdN=258.5
fwN=2.62
sdE=533.5
fwE=1.98
20250612T023559.0001.fits
SecZ=1.40
Focus=-6.096
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.969 -6.080 -4.239
T123=6.7 6.6 7.7
ALT/AZ=45.6 -70.4
fwAVG=2.33
sdW=311.3
fwW=2.47
sdS=143.7
fwS=2.24
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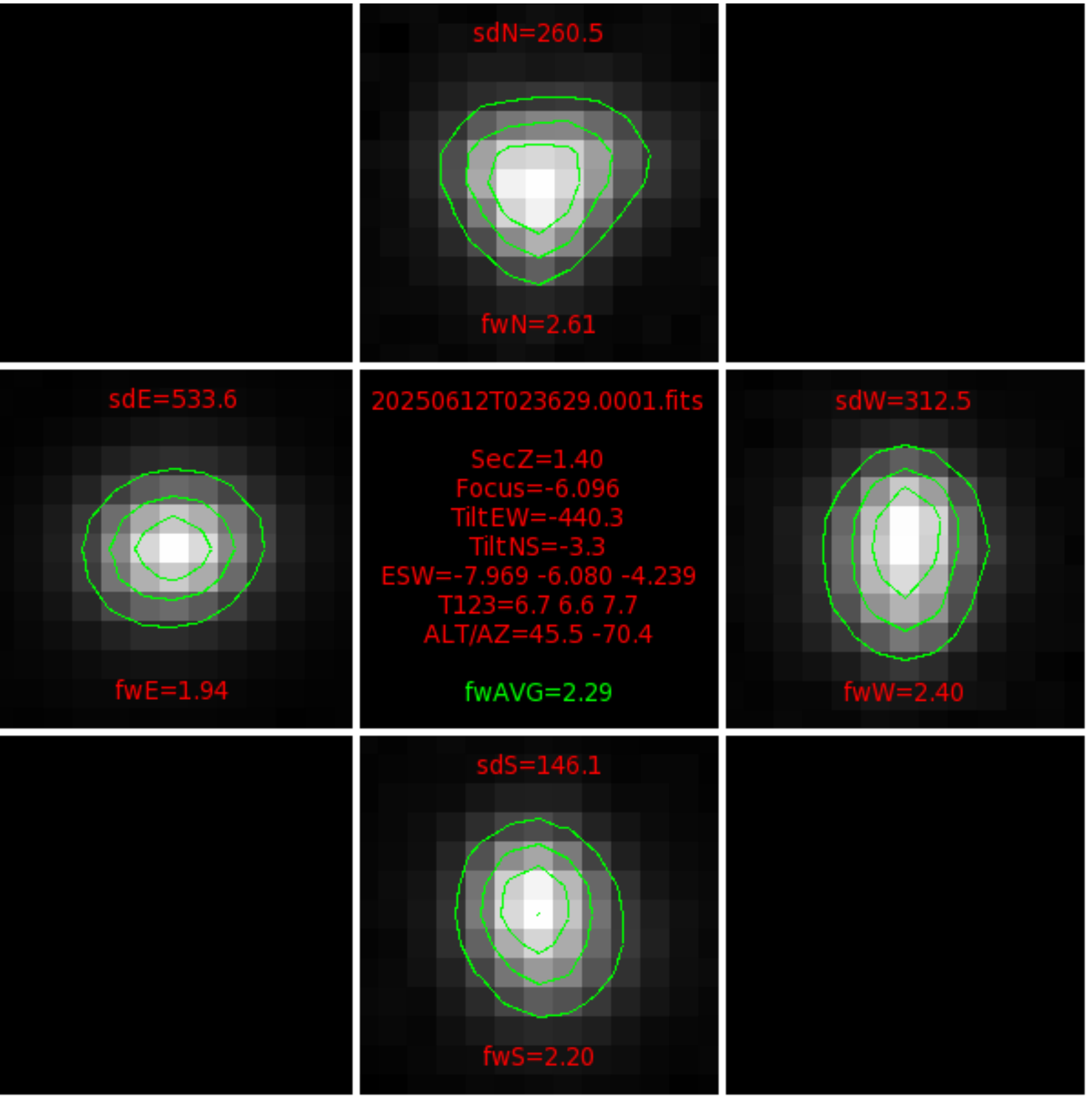
sdN=260.5
fwN=2.61
sdE=533.6
fwE=1.94
20250612T023629.0001.fits
SecZ=1.40
Focus=-6.096
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.969 -6.080 -4.239
T123=6.7 6.6 7.7
ALT/AZ=45.5 -70.4
fwAVG=2.29
sdW=312.5
fwW=2.40
sdS=146.1
fwS=2.20
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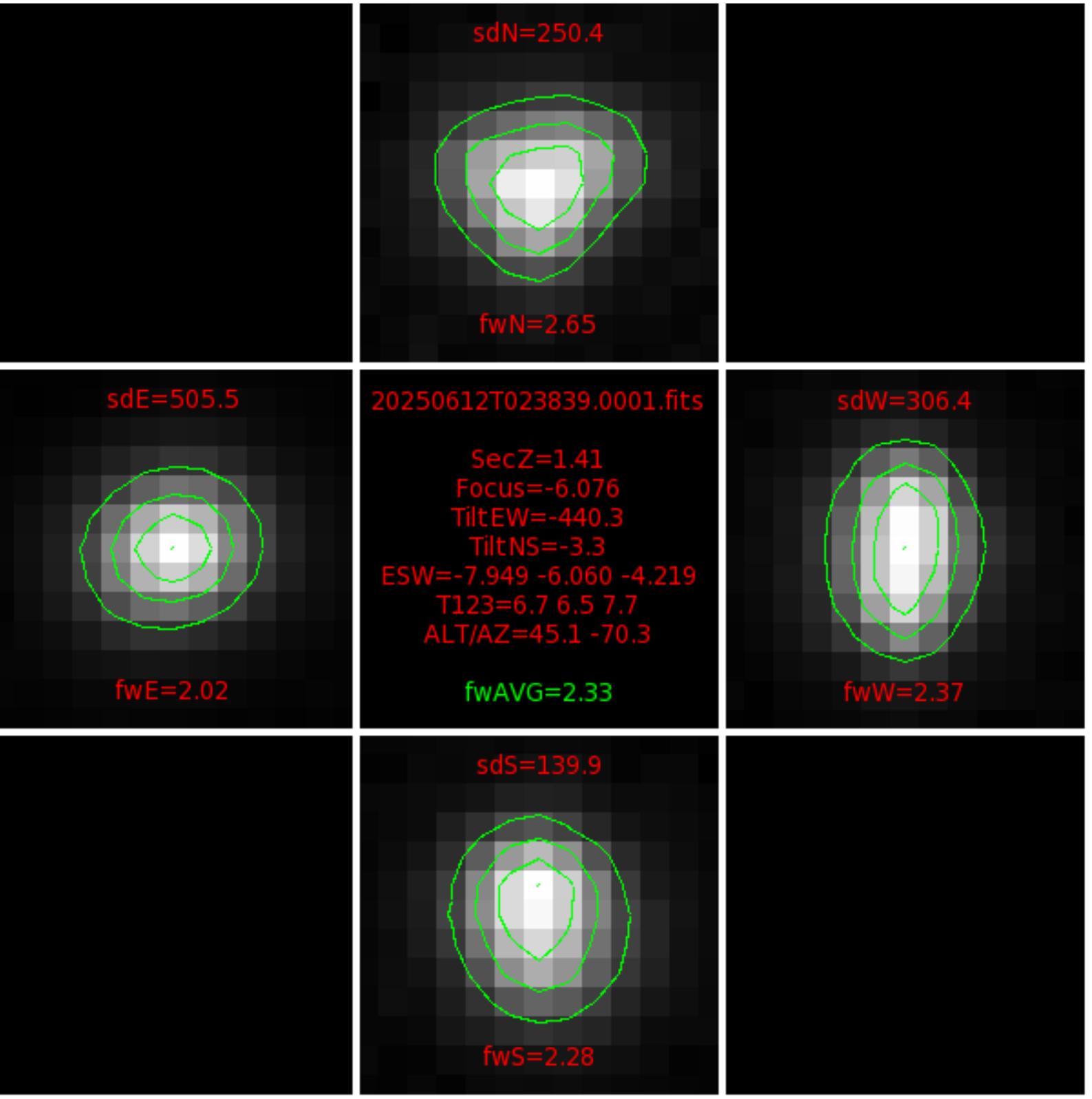
sdN=250.4
fwN=2.65
sdE=505.5
fwE=2.02
20250612T023839.0001.fits
SecZ=1.41
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.7 6.5 7.7
ALT/AZ=45.1 -70.3
fwAVG=2.33
sdW=306.4
fwW=2.37
sdS=139.9
fwS=2.28
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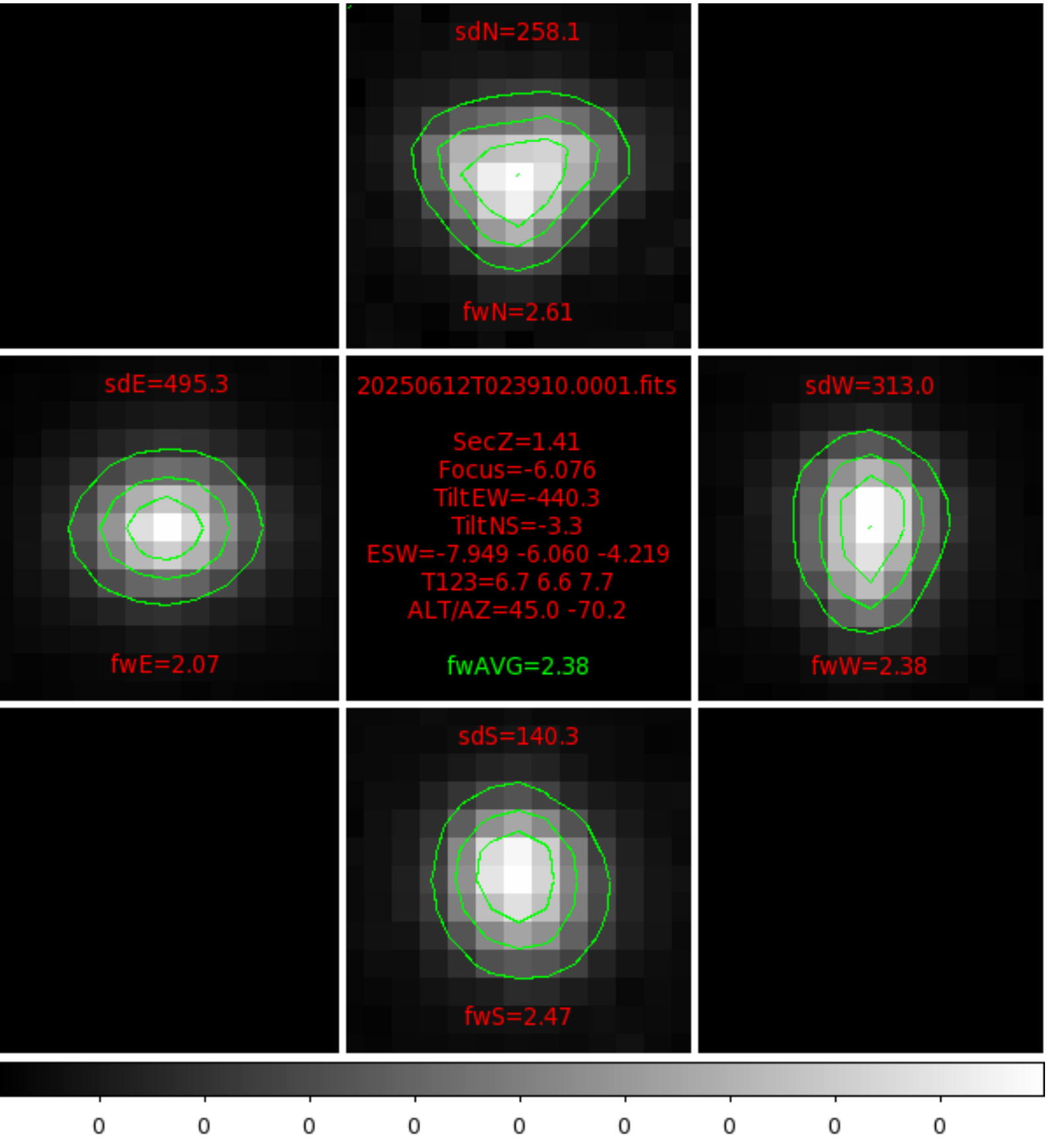
sdN=258.1
fwN=2.61
sdE=495.3
fwE=2.07
20250612T023910.0001.fits
SecZ=1.41
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.7 6.6 7.7
ALT/AZ=45.0 -70.2
fwAVG=2.38
sdW=313.0
fwW=2.38
sdS=140.3
fwS=2.47
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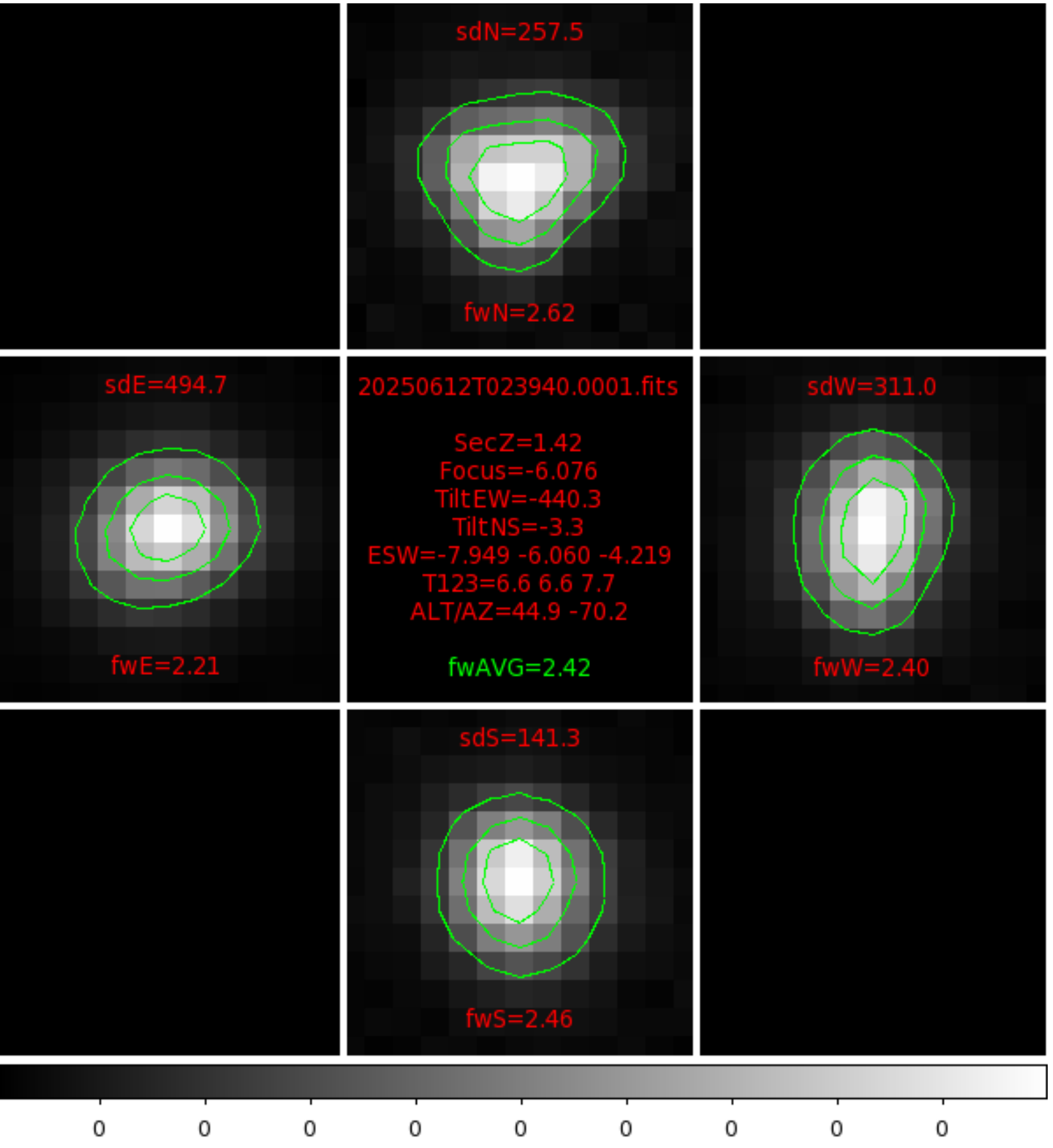
sdN=257.5
fwN=2.62
sdE=494.7
fwE=2.21
20250612T023940.0001.fits
SecZ=1.42
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.6 6.6 7.7
ALT/AZ=44.9 -70.2
fwAVG=2.42
sdW=311.0
fwW=2.40
sdS=141.3
fwS=2.46
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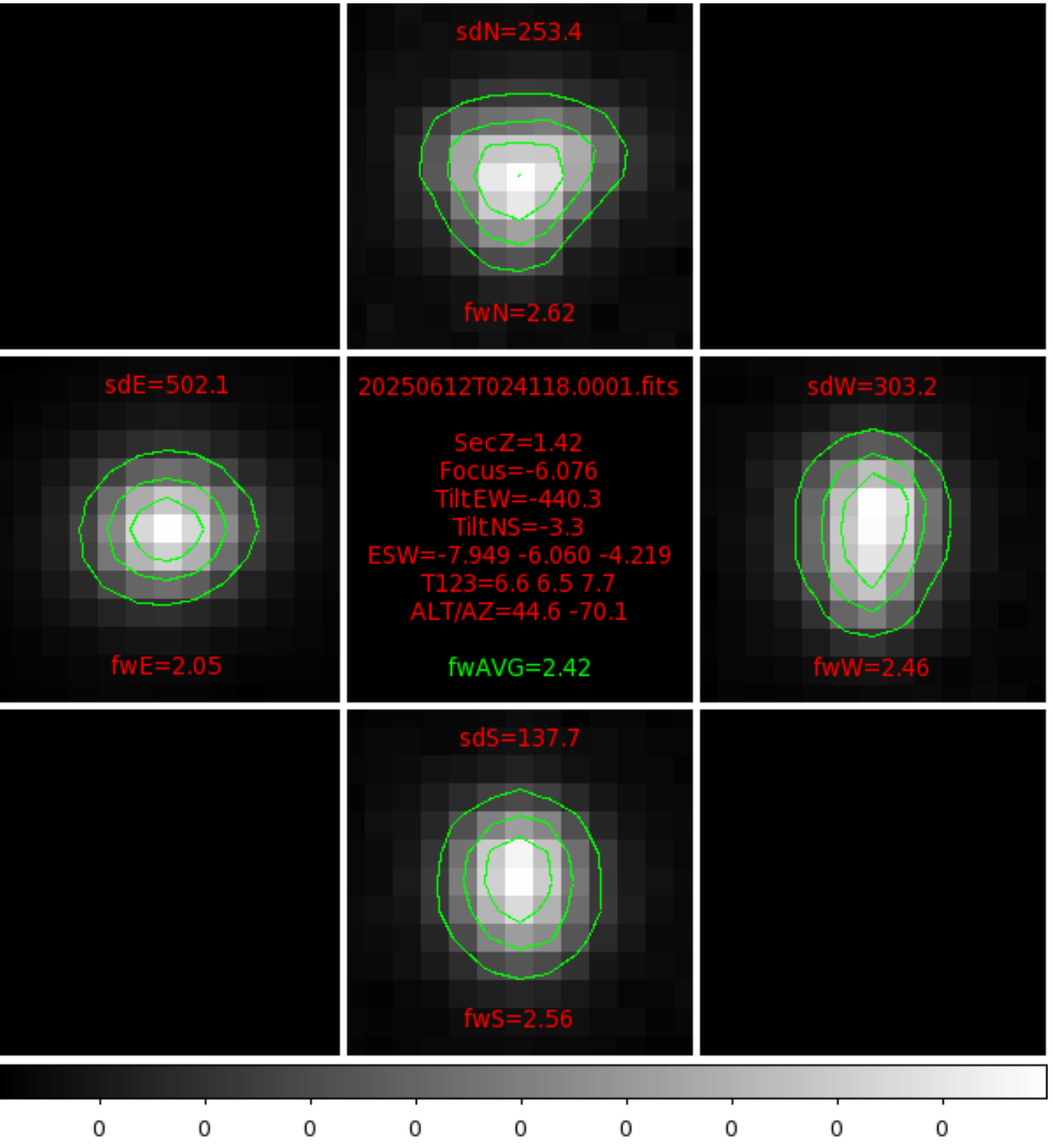
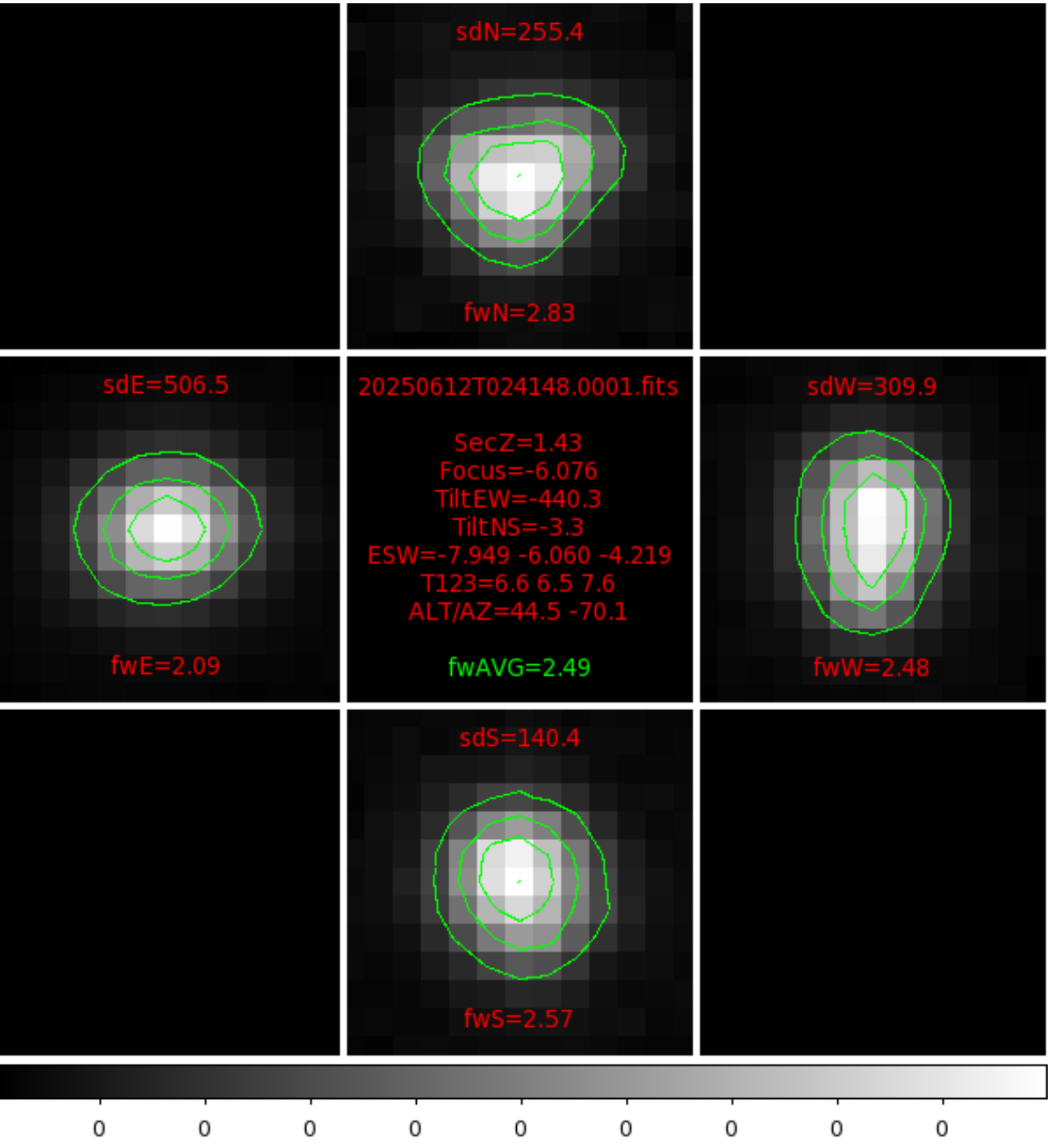
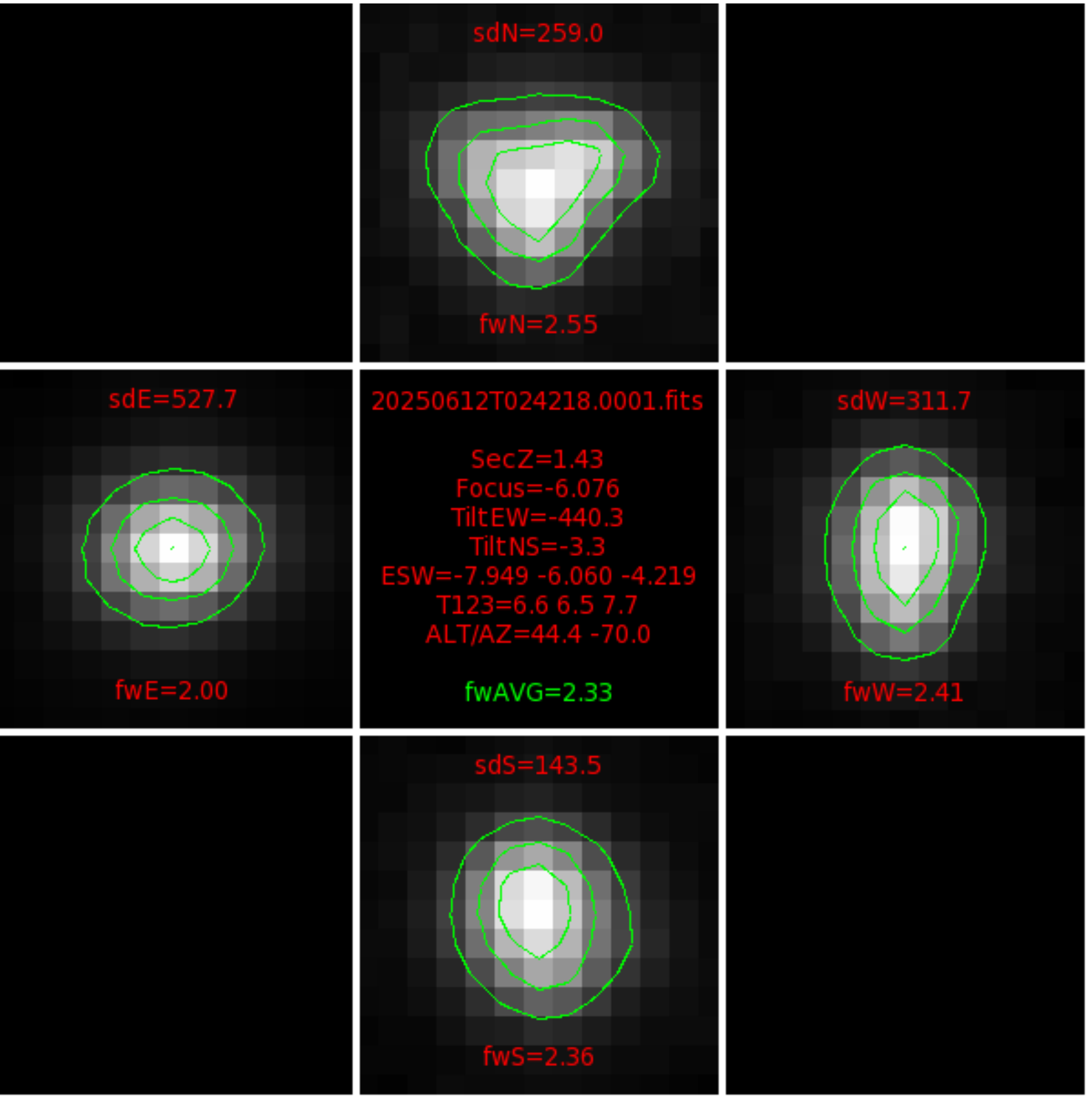

sdN=253.4
fwN=2.62
sdE=502.1
fwE=2.05
20250612T024118.0001.fits
SecZ=1.42
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.6 6.5 7.7
ALT/AZ=44.6 -70.1
fwAVG=2.42
sdW=303.2
fwW=2.46
sdS=137.7
fwS=2.56
0 0 0 0 0 0 0 0 0


sdN=255.4
fwN=2.83
sdE=506.5
fwE=2.09
20250612T024148.0001.fits
SecZ=1.43
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.6 6.5 7.6
ALT/AZ=44.5 -70.1
fwAVG=2.49
sdW=309.9
fwW=2.48
sdS=140.4
fwS=2.57
0 0 0 0 0 0 0 0 0


sdN=259.0
fwN=2.55
sdE=527.7
fwE=2.00
20250612T024218.0001.fits
SecZ=1.43
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.6 6.5 7.7
ALT/AZ=44.4 -70.0
fwAVG=2.33
sdW=311.7
fwW=2.41
sdS=143.5
fwS=2.36
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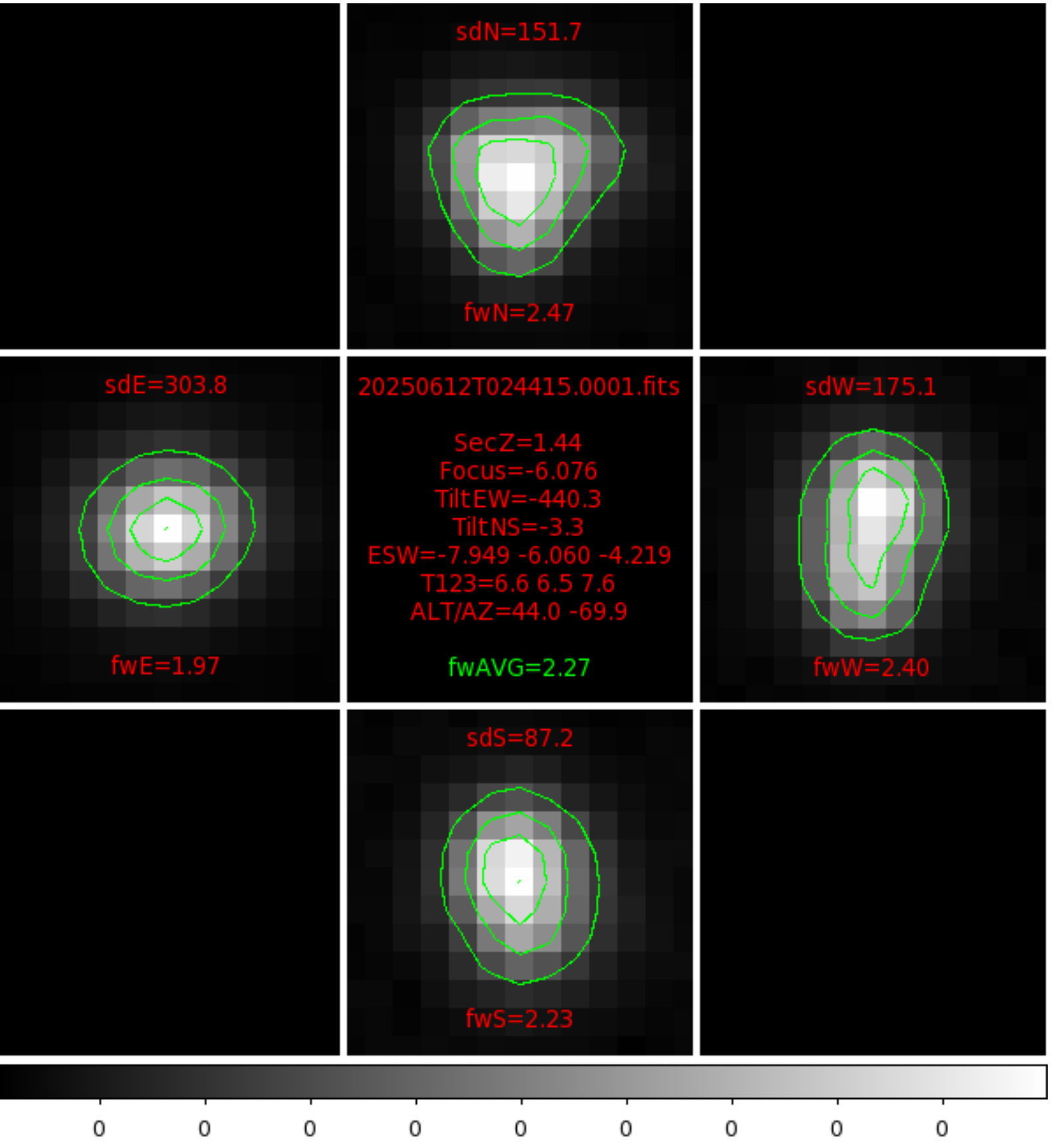
sdN=151.7
fwN=2.47
sdE=303.8
fwE=1.97
20250612T024415.0001.fits
SecZ=1.44
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.6 6.5 7.6
ALT/AZ=44.0 -69.9
fwAVG=2.27
sdW=175.1
fwW=2.40
sdS=87.2
fwS=2.23
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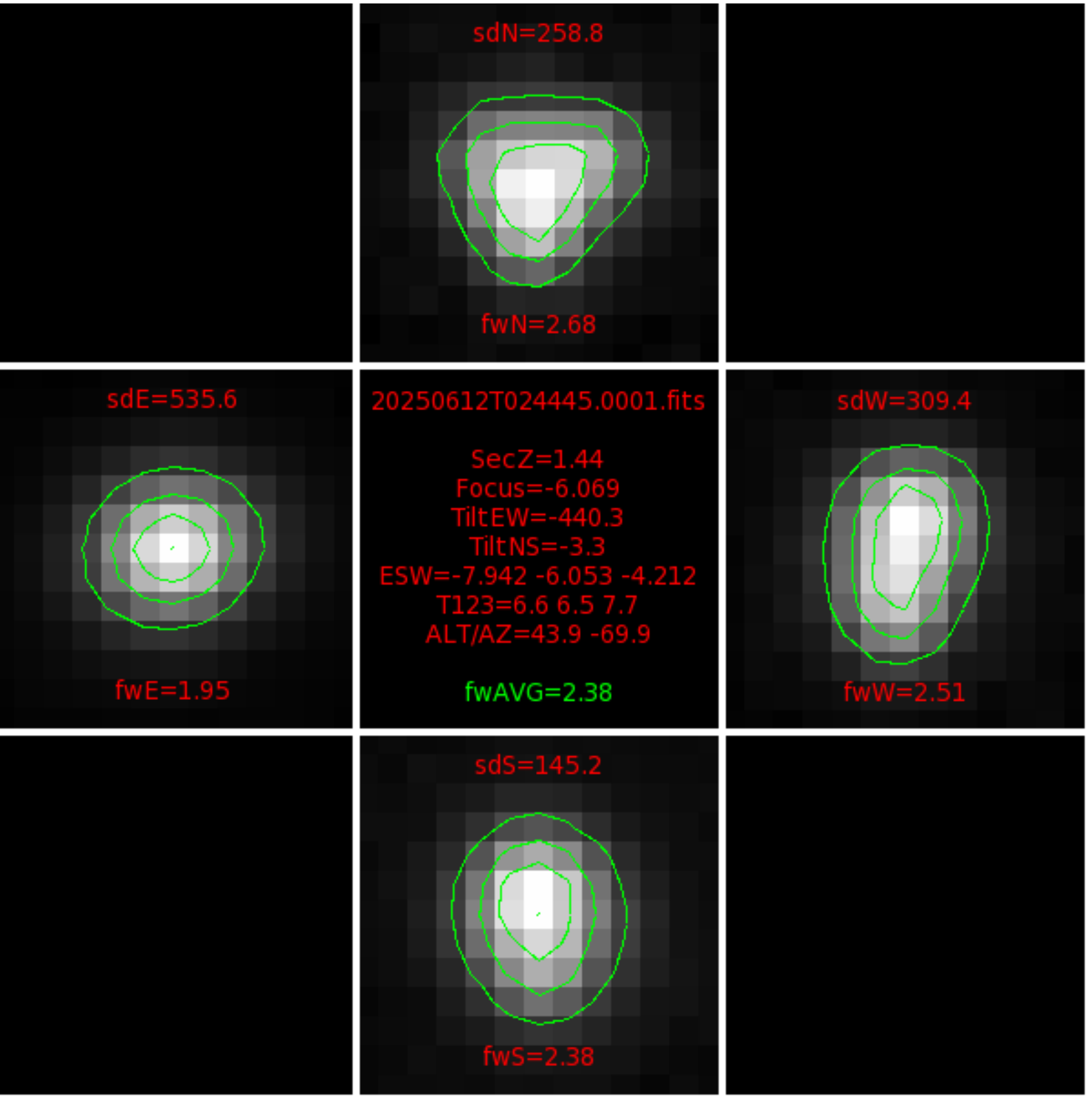
sdN=258.8
fwN=2.68
sdE=535.6
fwE=1.95
20250612T024445.0001.fits
SecZ=1.44
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.6 6.5 7.7
ALT/AZ=43.9 -69.9
fwAVG=2.38
sdW=309.4
fwW=2.51
sdS=145.2
fwS=2.38
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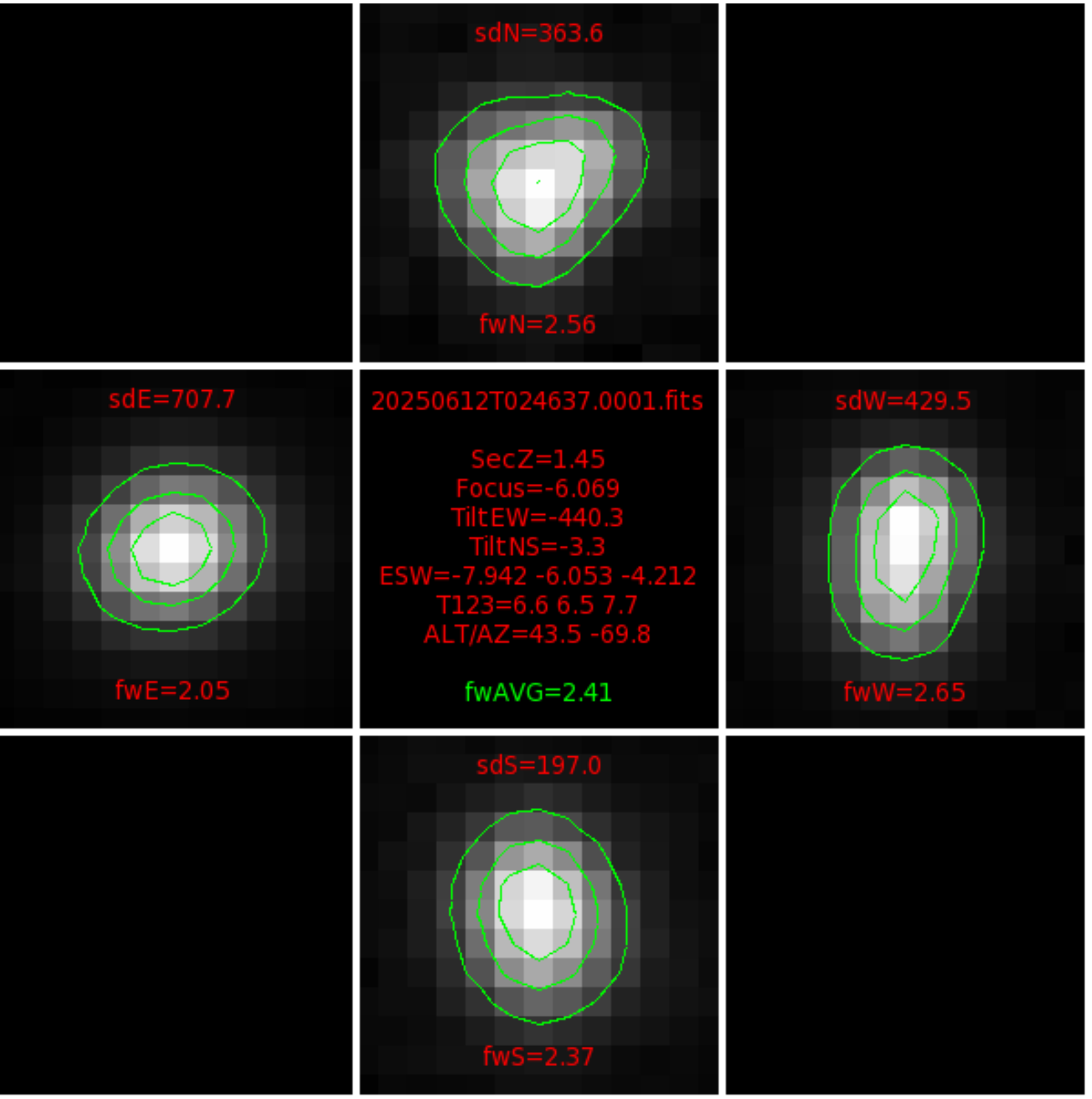
sdN=363.6
fwN=2.56
sdE=707.7
fwE=2.05
20250612T024637.0001.fits
SecZ=1.45
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.6 6.5 7.7
ALT/AZ=43.5 -69.8
fwAVG=2.41
sdW=429.5
fwW=2.65
sdS=197.0
fwS=2.37
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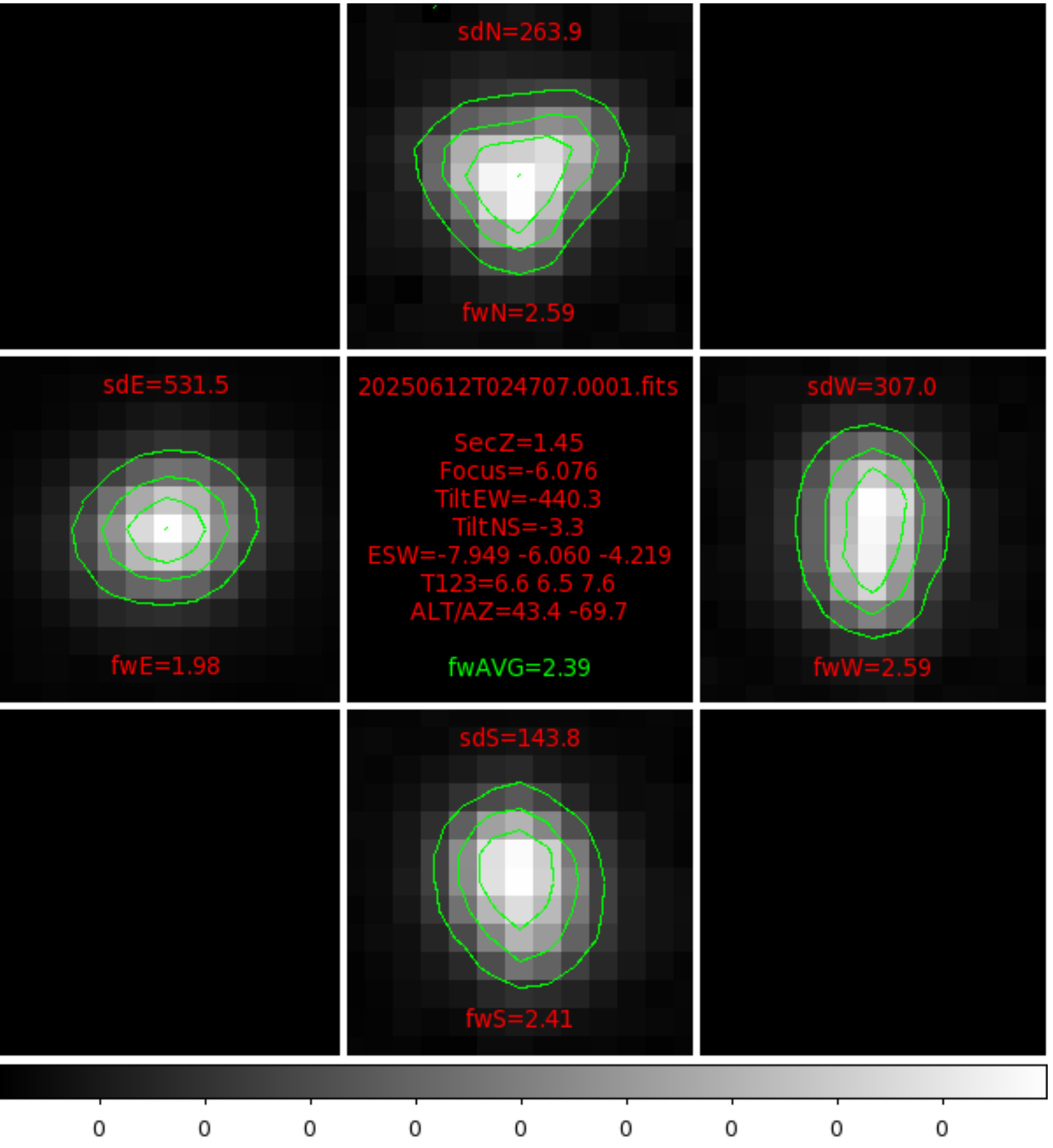
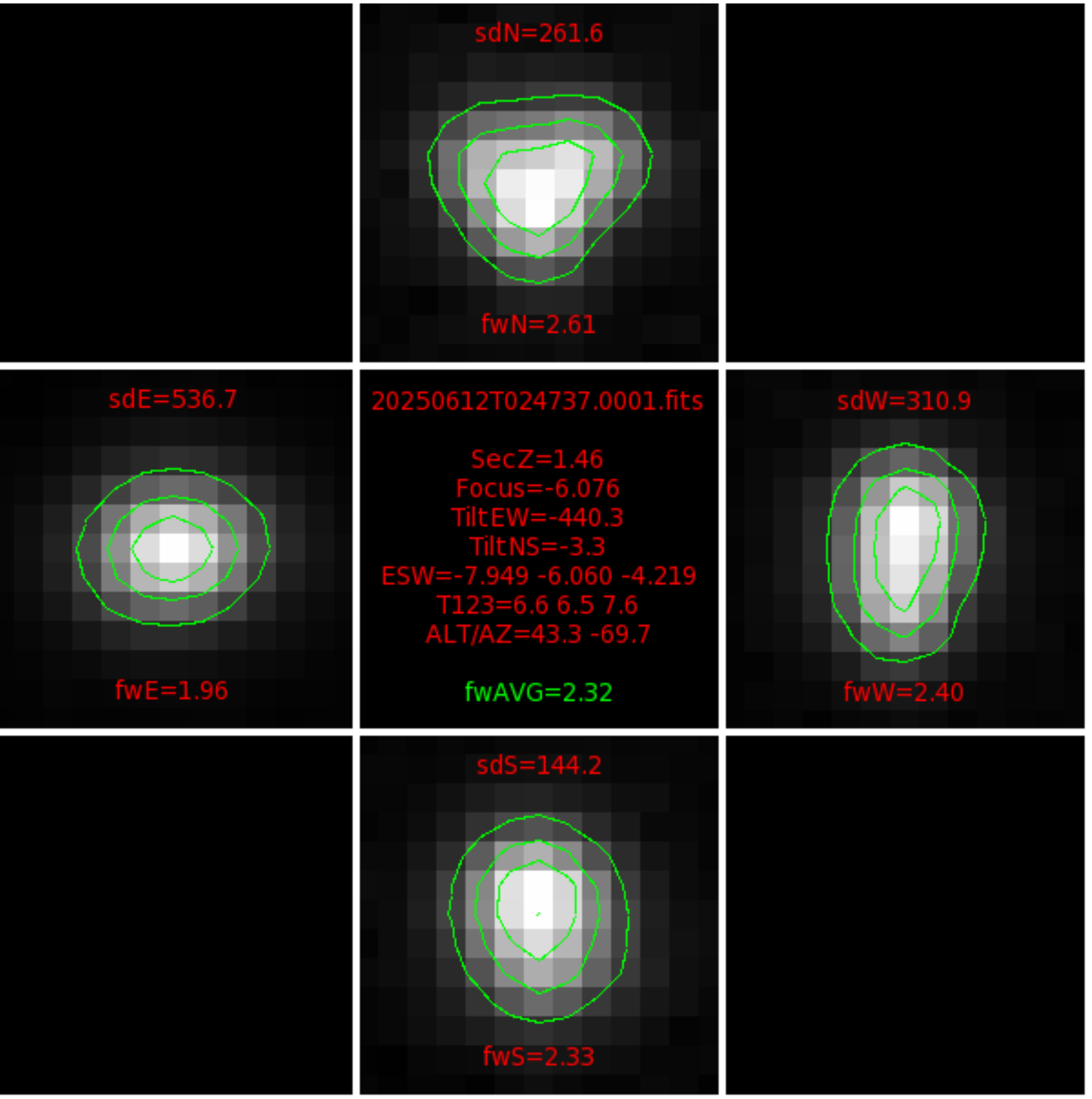

sdN=263.9
fwN=2.59
sdE=531.5
fwE=1.98
20250612T024707.0001.fits
SecZ=1.45
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.6 6.5 7.6
ALT/AZ=43.4 -69.7
fwAVG=2.39
sdW=307.0
fwW=2.59
sdS=143.8
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=261.6
fwN=2.61
sdE=536.7
fwE=1.96
20250612T024737.0001.fits
SecZ=1.46
Focus=-6.076
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.949 -6.060 -4.219
T123=6.6 6.5 7.6
ALT/AZ=43.3 -69.7
fwAVG=2.32
sdW=310.9
fwW=2.40
sdS=144.2
fwS=2.33
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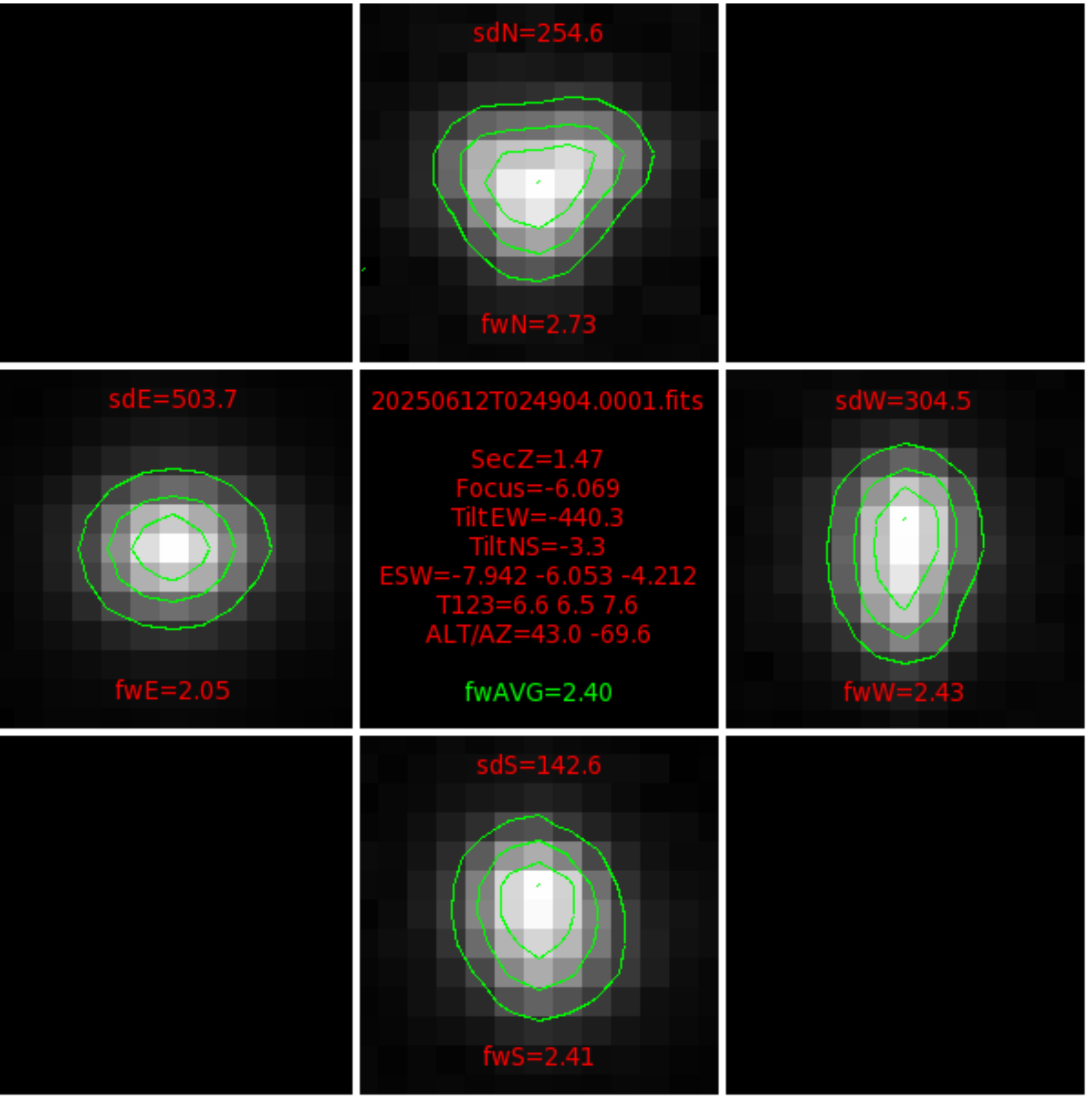
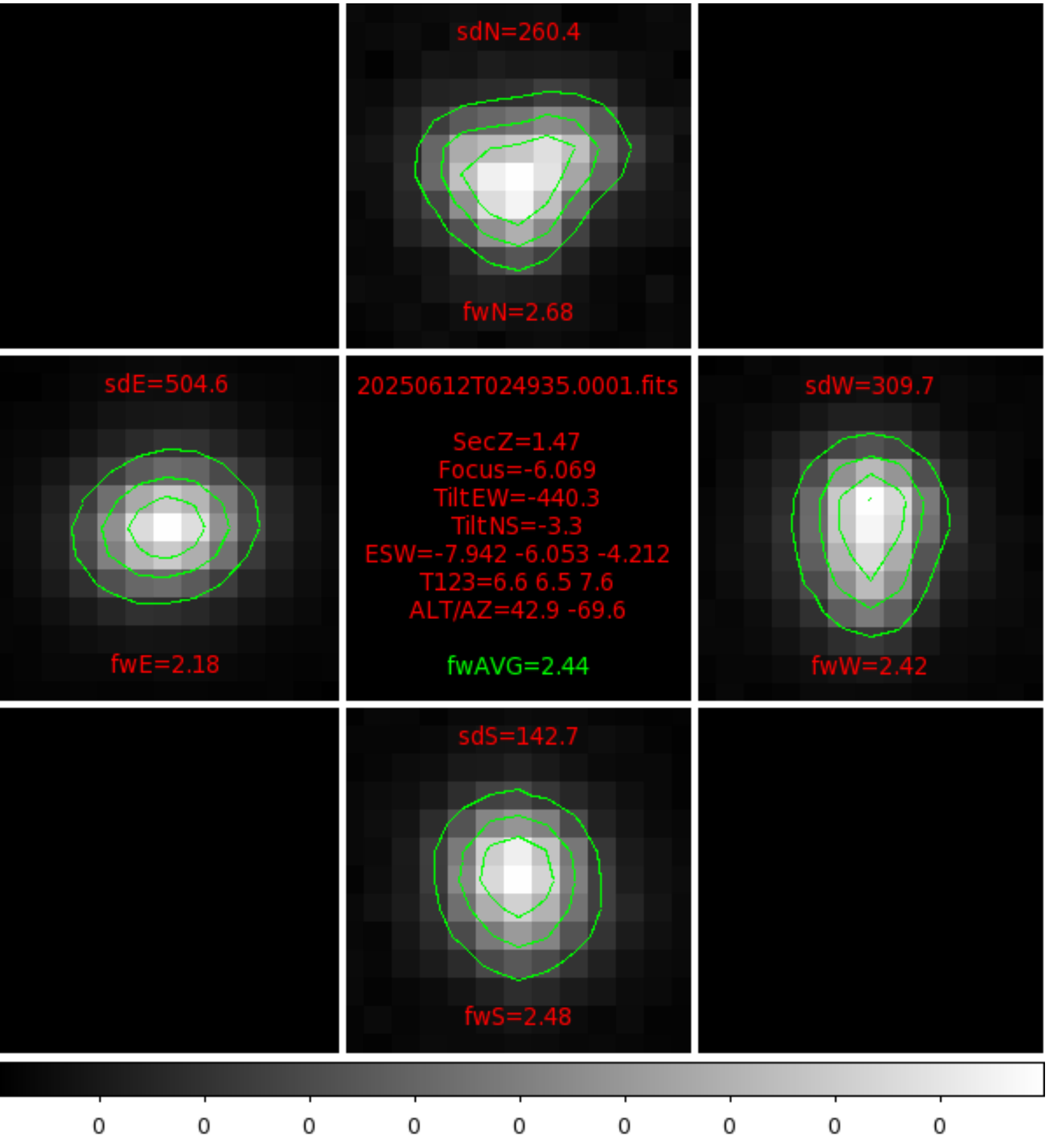

sdN=254.6
fwN=2.73
sdE=503.7
fwE=2.05
20250612T024904.0001.fits
SecZ=1.47
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.6 6.5 7.6
ALT/AZ=43.0 -69.6
fwAVG=2.40
sdW=304.5
fwW=2.43
sdS=142.6
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=260.4
fwN=2.68
sdE=504.6
fwE=2.18
20250612T024935.0001.fits
SecZ=1.47
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.6 6.5 7.6
ALT/AZ=42.9 -69.6
fwAVG=2.44
sdW=309.7
fwW=2.42
sdS=142.7
fwS=2.48
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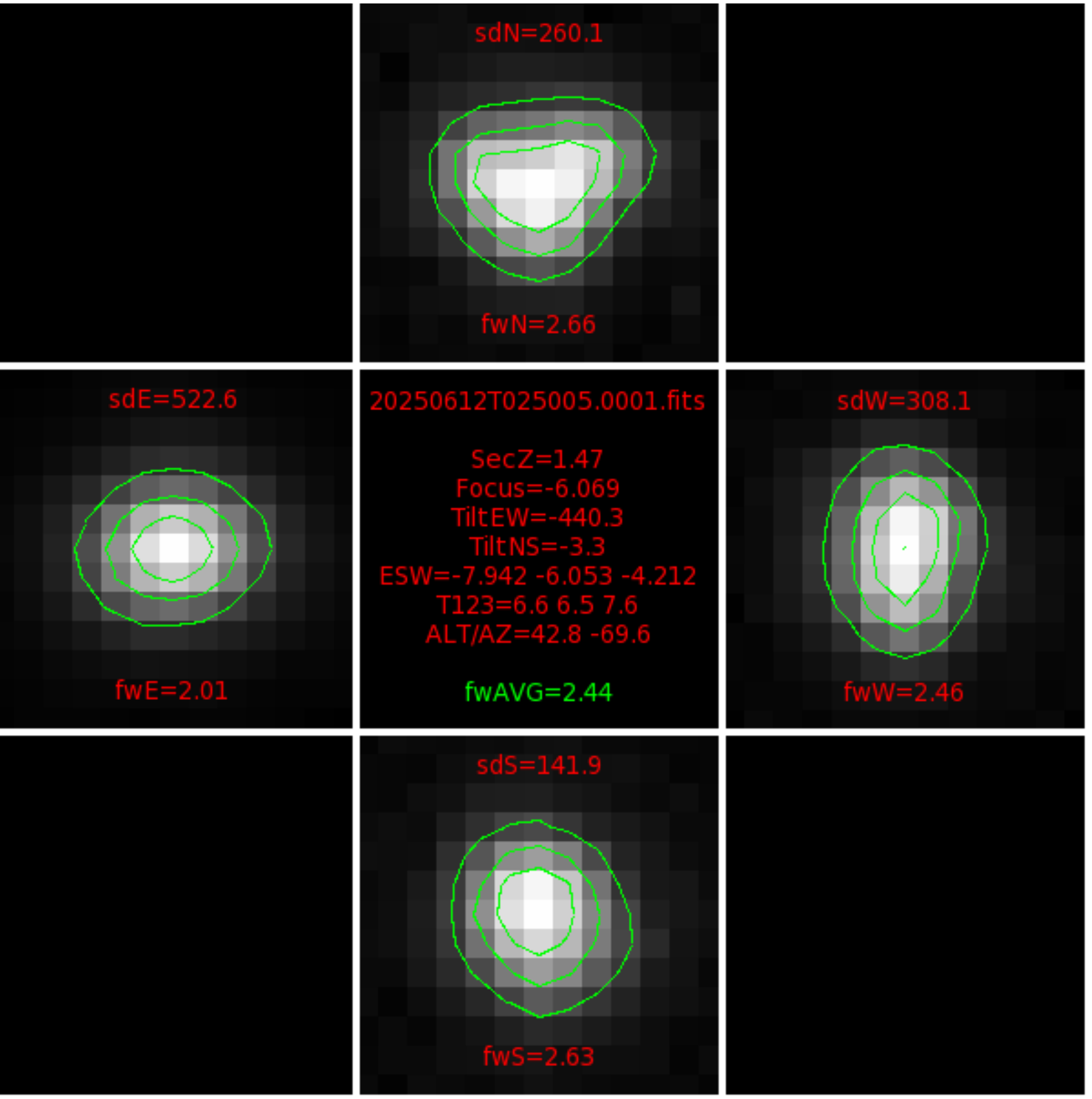
sdN=260.1
fwN=2.66
sdE=522.6
fwE=2.01
20250612T025005.0001.fits
SecZ=1.47
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.6 6.5 7.6
ALT/AZ=42.8 -69.6
fwAVG=2.44
sdW=308.1
fwW=2.46
sdS=141.9
fwS=2.63
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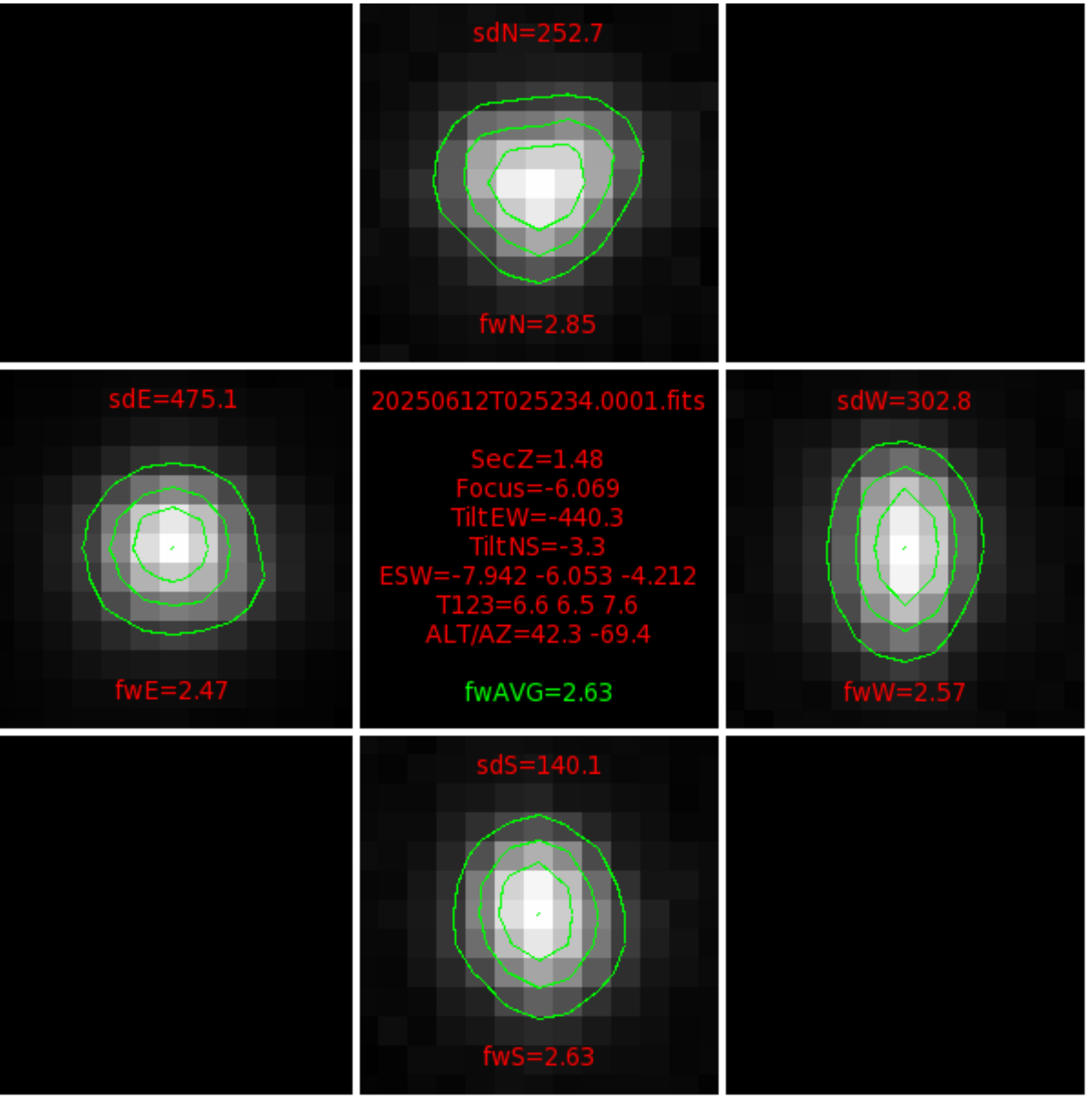
sdN=252.7
fwN=2.85
sdE=475.1
fwE=2.47
20250612T025234.0001.fits
SecZ=1.48
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.6 6.5 7.6
ALT/AZ=42.3 -69.4
fwAVG=2.63
sdW=302.8
fwW=2.57
sdS=140.1
fwS=2.63
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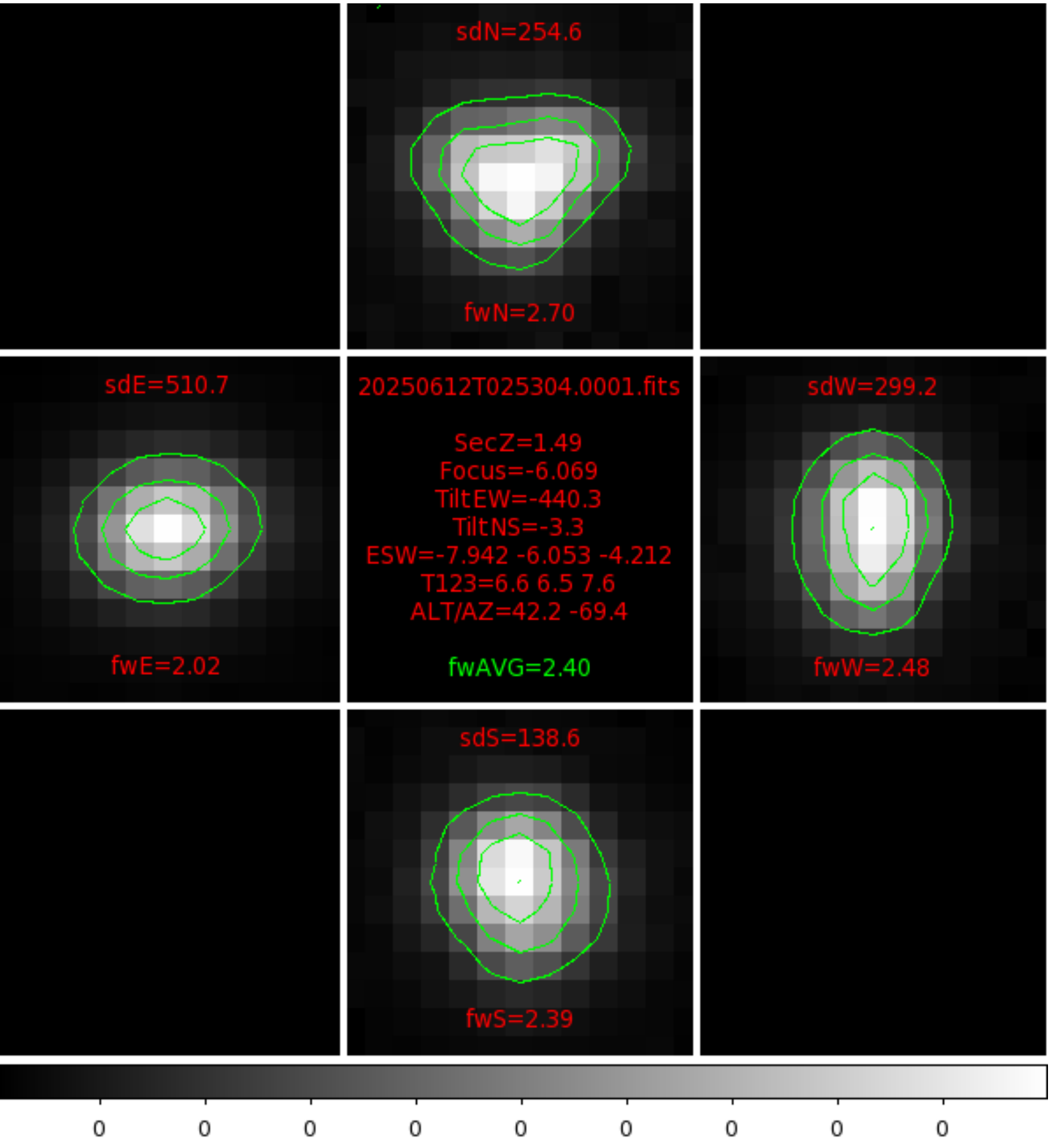
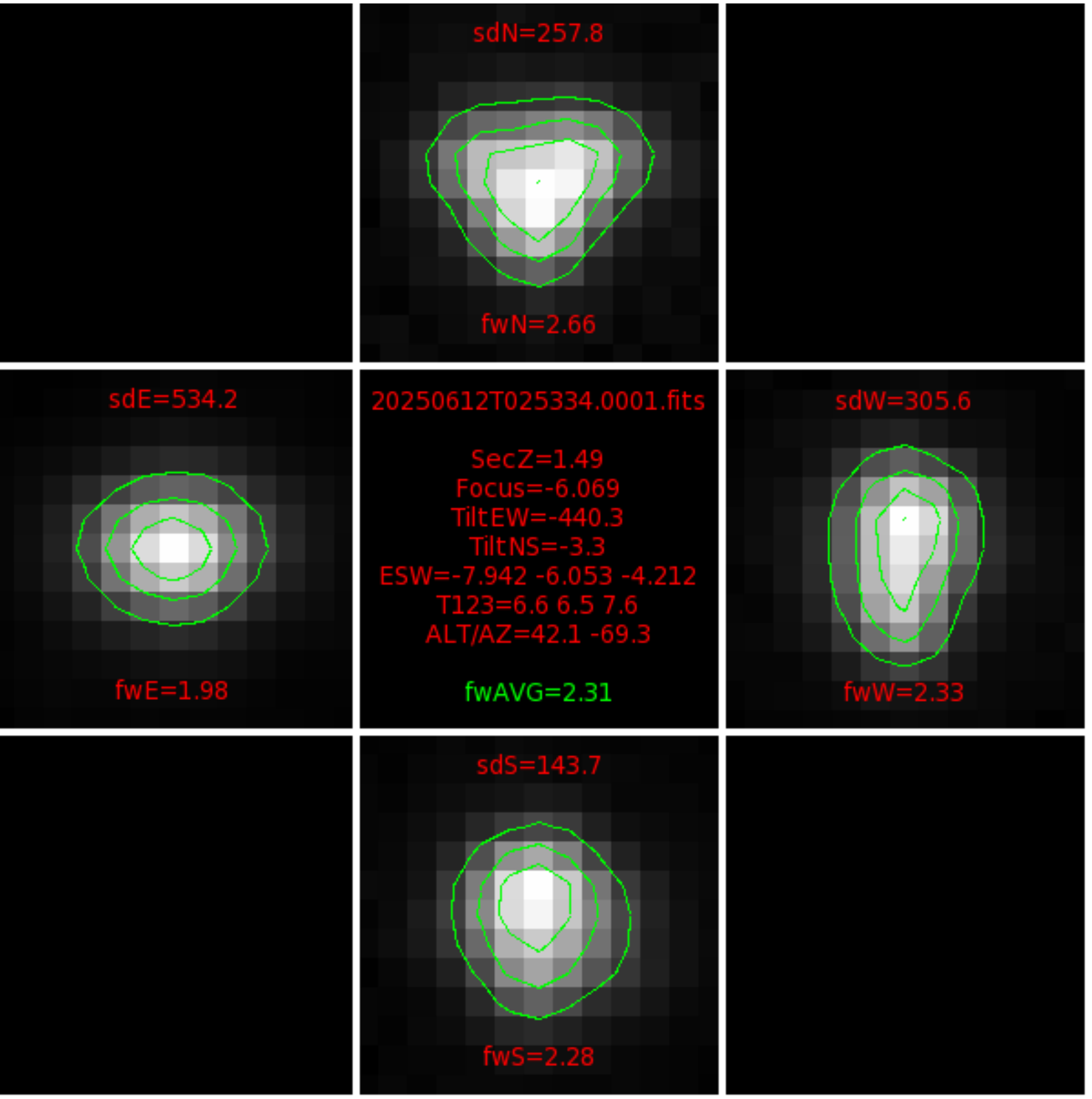

sdN=254.6
fwN=2.70
sdE=510.7
fwE=2.02
20250612T025304.0001.fits
SecZ=1.49
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.6 6.5 7.6
ALT/AZ=42.2 -69.4
fwAVG=2.40
sdW=299.2
fwW=2.48
sdS=138.6
fwS=2.39
0 0 0 0 0 0 0 0 0


sdN=257.8
fwN=2.66
sdE=534.2
fwE=1.98
20250612T025334.0001.fits
SecZ=1.49
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.6 6.5 7.6
ALT/AZ=42.1 -69.3
fwAVG=2.31
sdW=305.6
fwW=2.33
sdS=143.7
fwS=2.28
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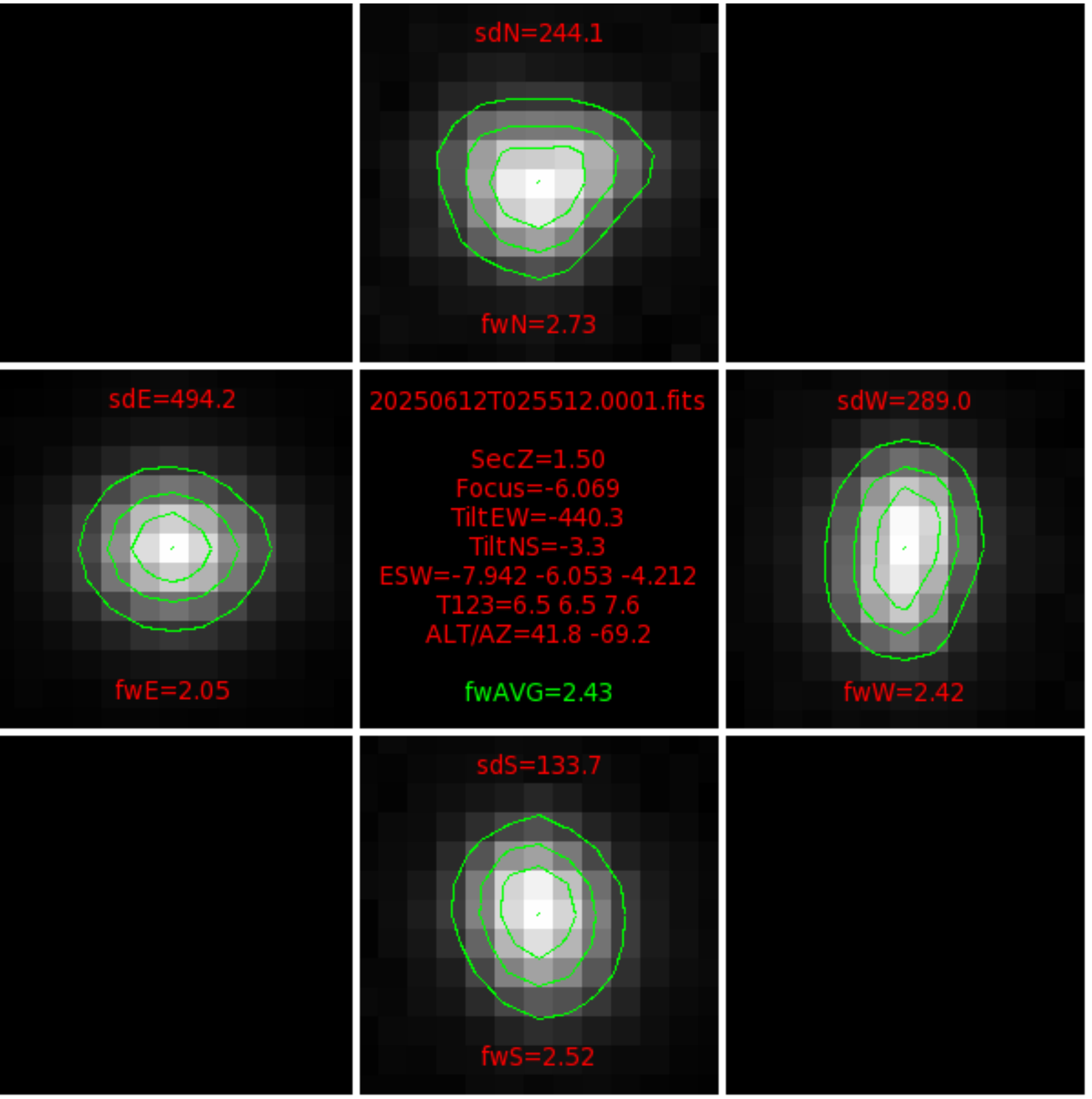
sdN=244.1
fwN=2.73
sdE=494.2
fwE=2.05
20250612T025512.0001.fits
SecZ=1.50
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.5 6.5 7.6
ALT/AZ=41.8 -69.2
fwAVG=2.43
sdW=289.0
fwW=2.42
sdS=133.7
fwS=2.52
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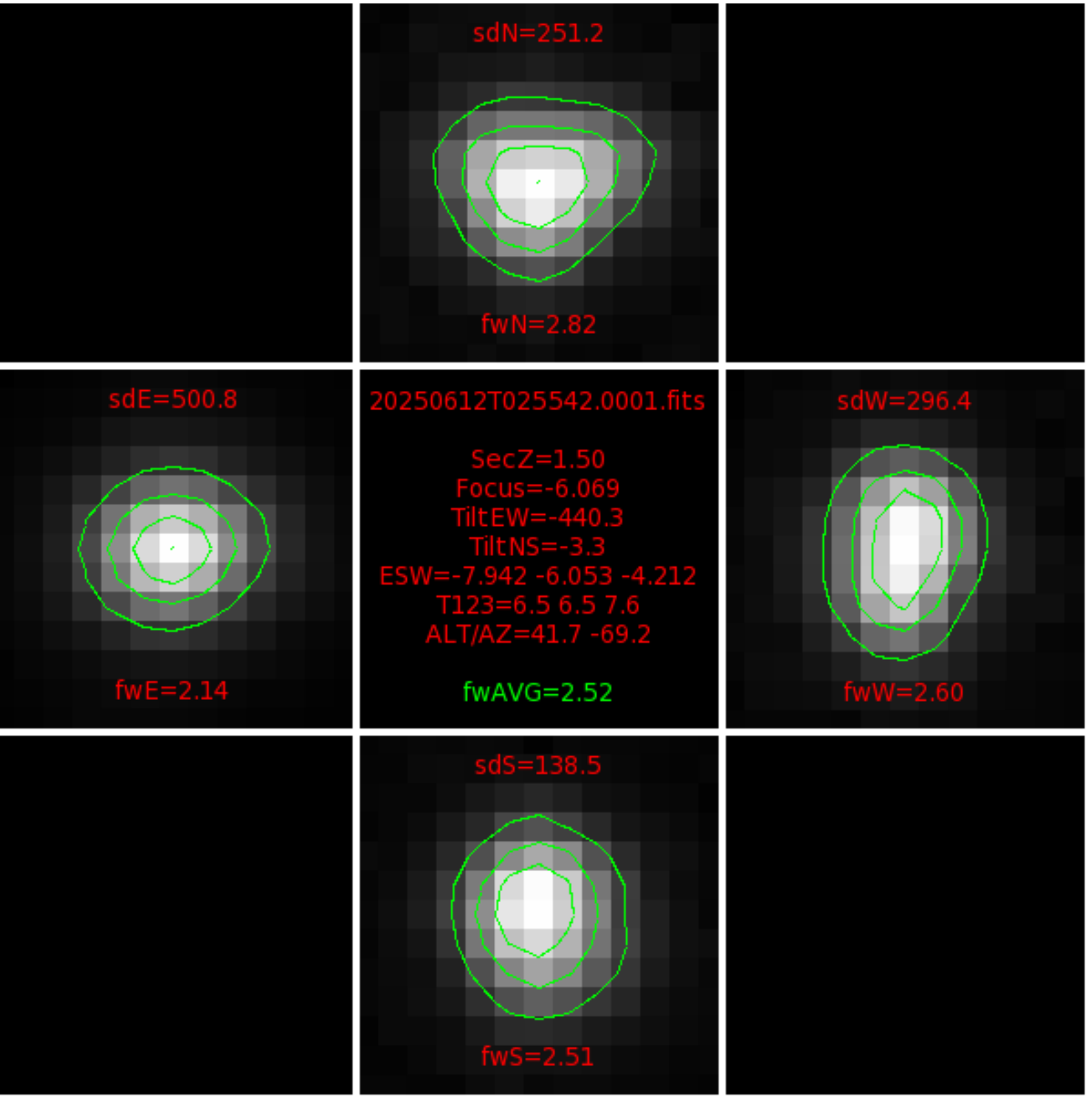
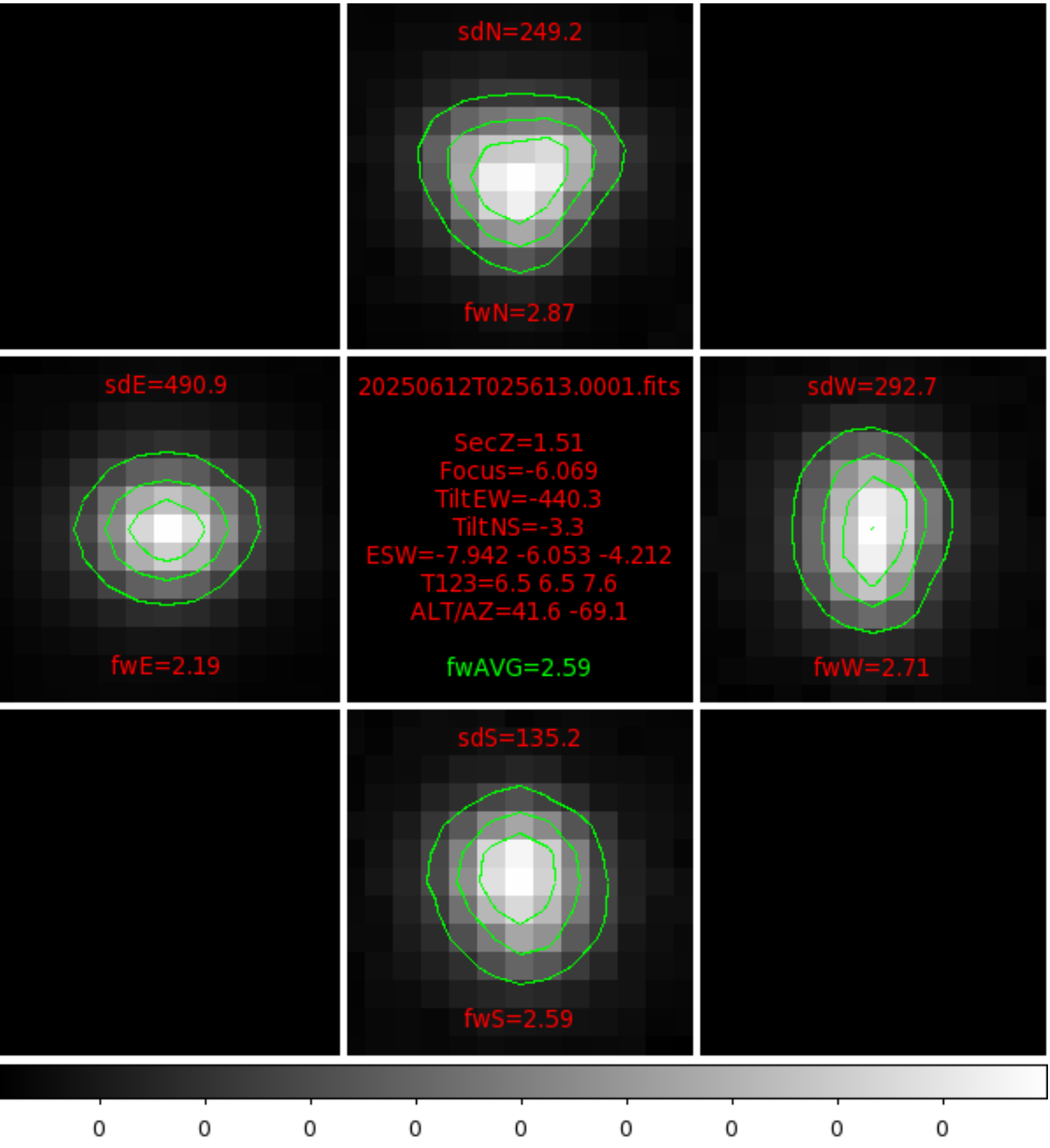

sdN=251.2
fwN=2.82
sdE=500.8
fwE=2.14
20250612T025542.0001.fits
SecZ=1.50
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.5 6.5 7.6
ALT/AZ=41.7 -69.2
fwAVG=2.52
sdW=296.4
fwW=2.60
sdS=138.5
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=249.2
fwN=2.87
sdE=490.9
fwE=2.19
20250612T025613.0001.fits
SecZ=1.51
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.5 6.5 7.6
ALT/AZ=41.6 -69.1
fwAVG=2.59
sdW=292.7
fwW=2.71
sdS=135.2
fwS=2.59
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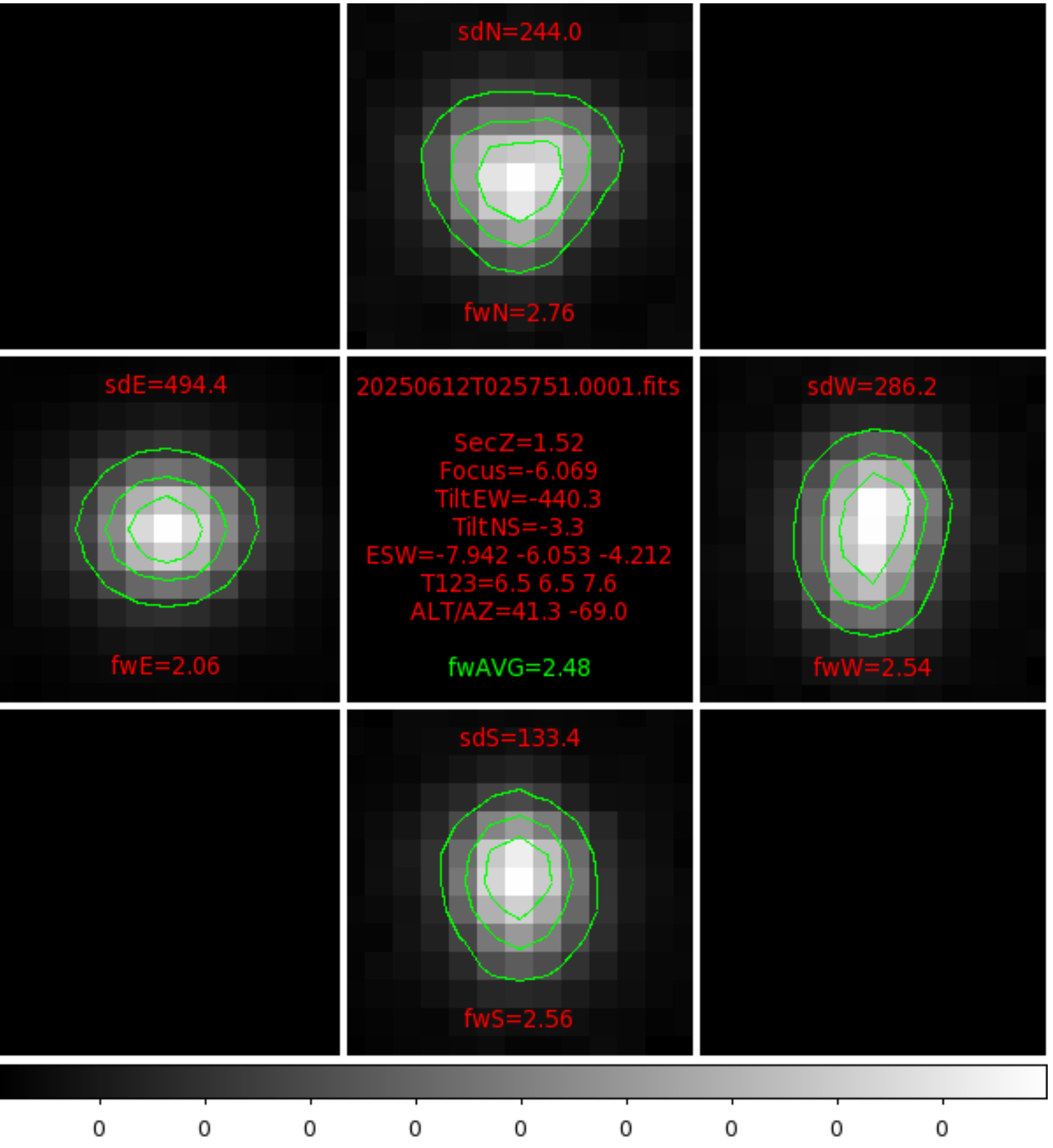
sdN=244.0
fwN=2.76
sdE=494.4
fwE=2.06
20250612T025751.0001.fits
SecZ=1.52
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.5 6.5 7.6
ALT/AZ=41.3 -69.0
fwAVG=2.48
sdW=286.2
fwW=2.54
sdS=133.4
fwS=2.56
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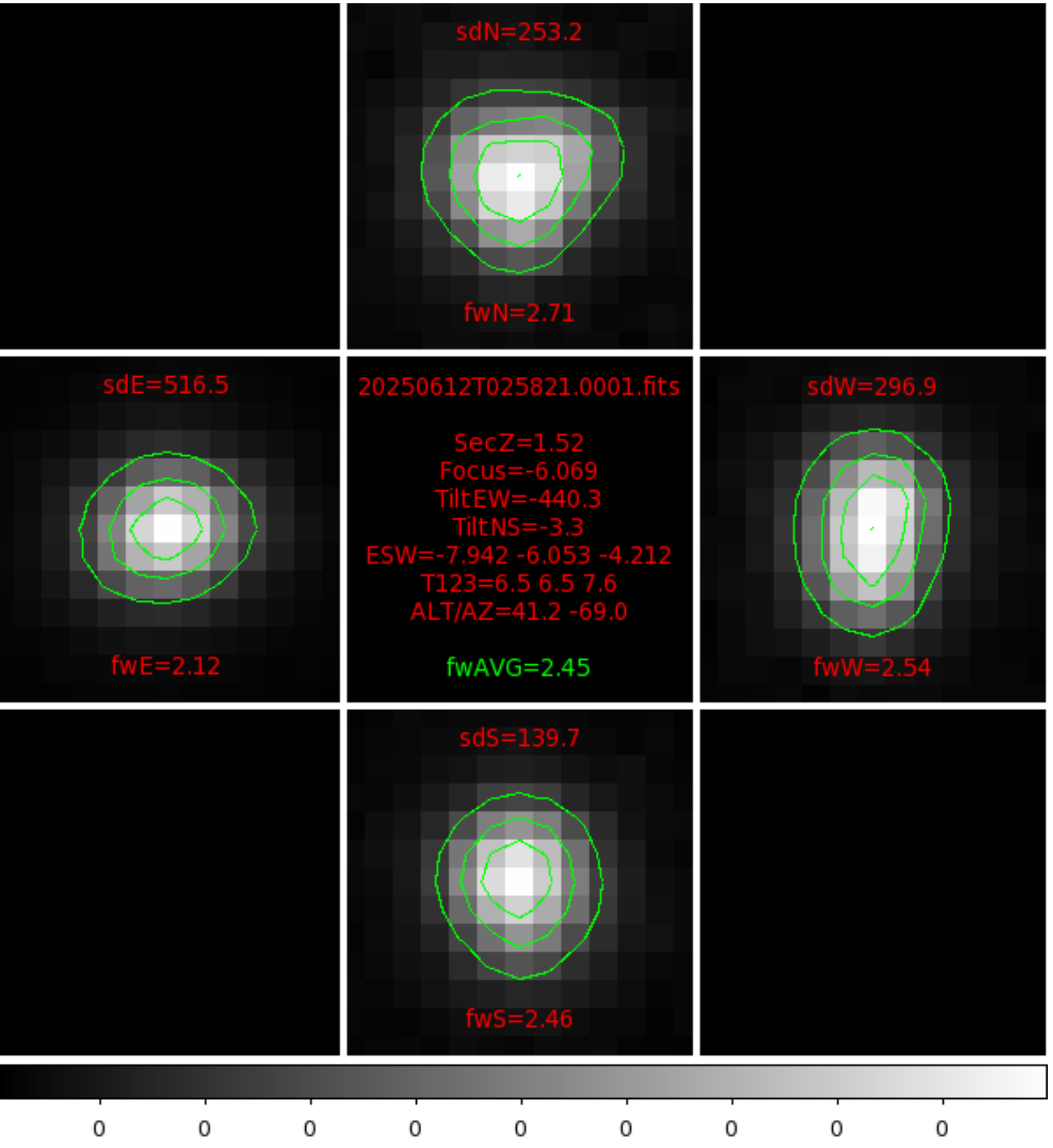
sdN=253.2
fwN=2.71
sdE=516.5
fwE=2.12
20250612T025821.0001.fits
SecZ=1.52
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.5 6.5 7.6
ALT/AZ=41.2 -69.0
fwAVG=2.45
sdW=296.9
fwW=2.54
sdS=139.7
fwS=2.46
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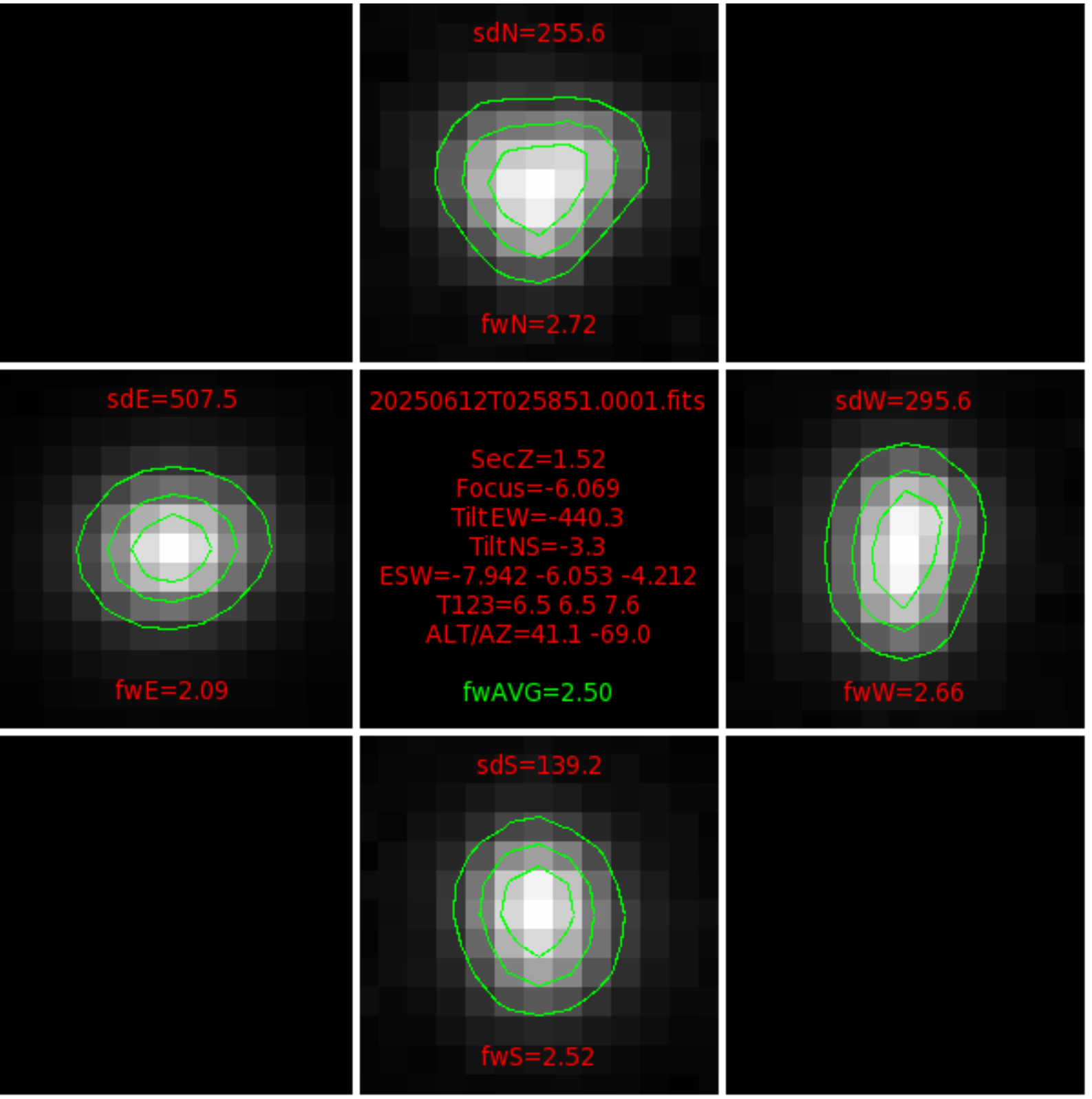
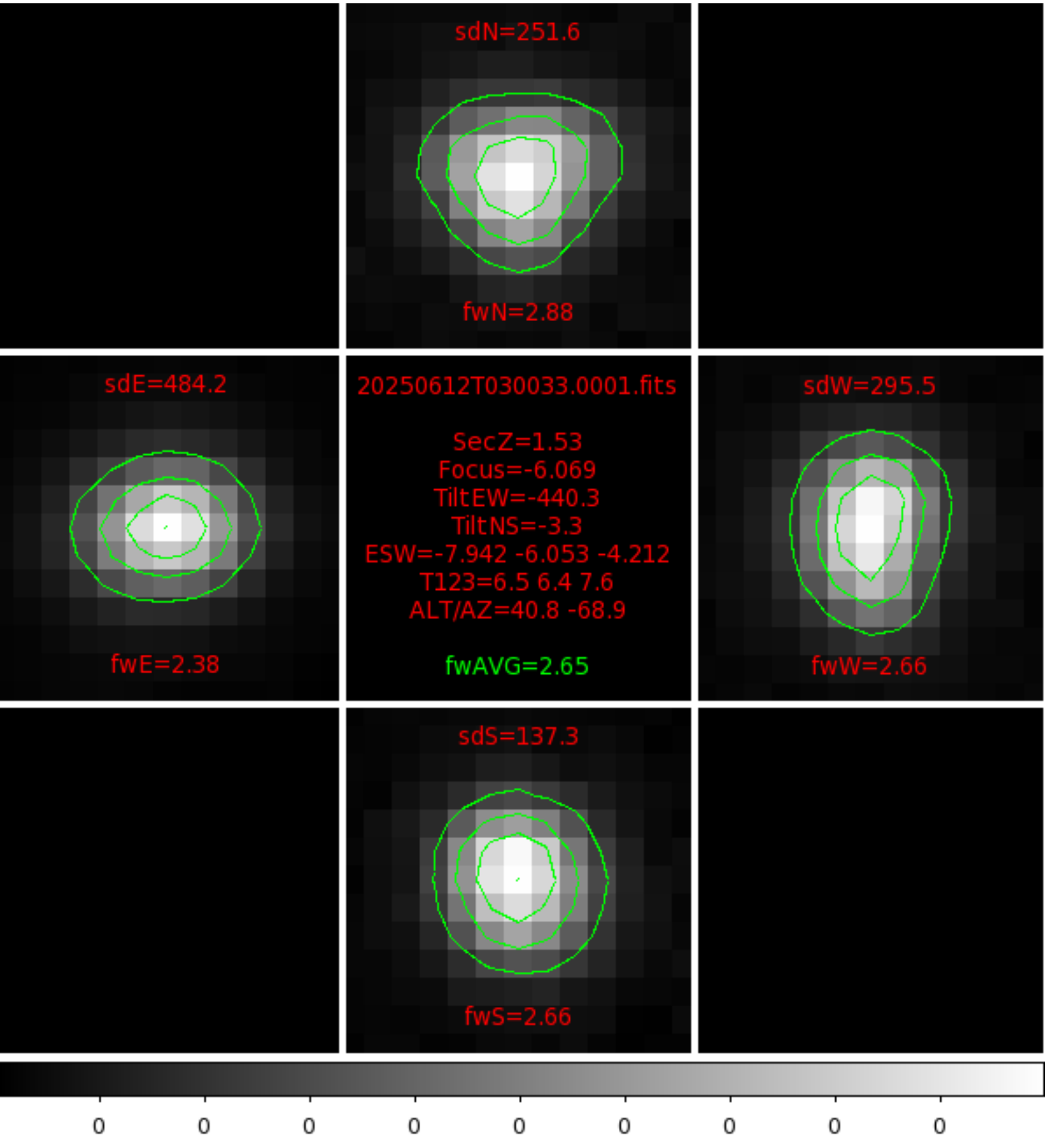

sdN=255.6
fwN=2.72
sdE=507.5
fwE=2.09
20250612T025851.0001.fits
SecZ=1.52
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.5 6.5 7.6
ALT/AZ=41.1 -69.0
fwAVG=2.50
sdW=295.6
fwW=2.66
sdS=139.2
fwS=2.52
0 0 0 0 0 0 0 0 0


sdN=251.6
fwN=2.88
sdE=484.2
fwE=2.38
20250612T030033.0001.fits
SecZ=1.53
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.5 6.4 7.6
ALT/AZ=40.8 -68.9
fwAVG=2.65
sdW=295.5
fwW=2.66
sdS=137.3
fwS=2.66
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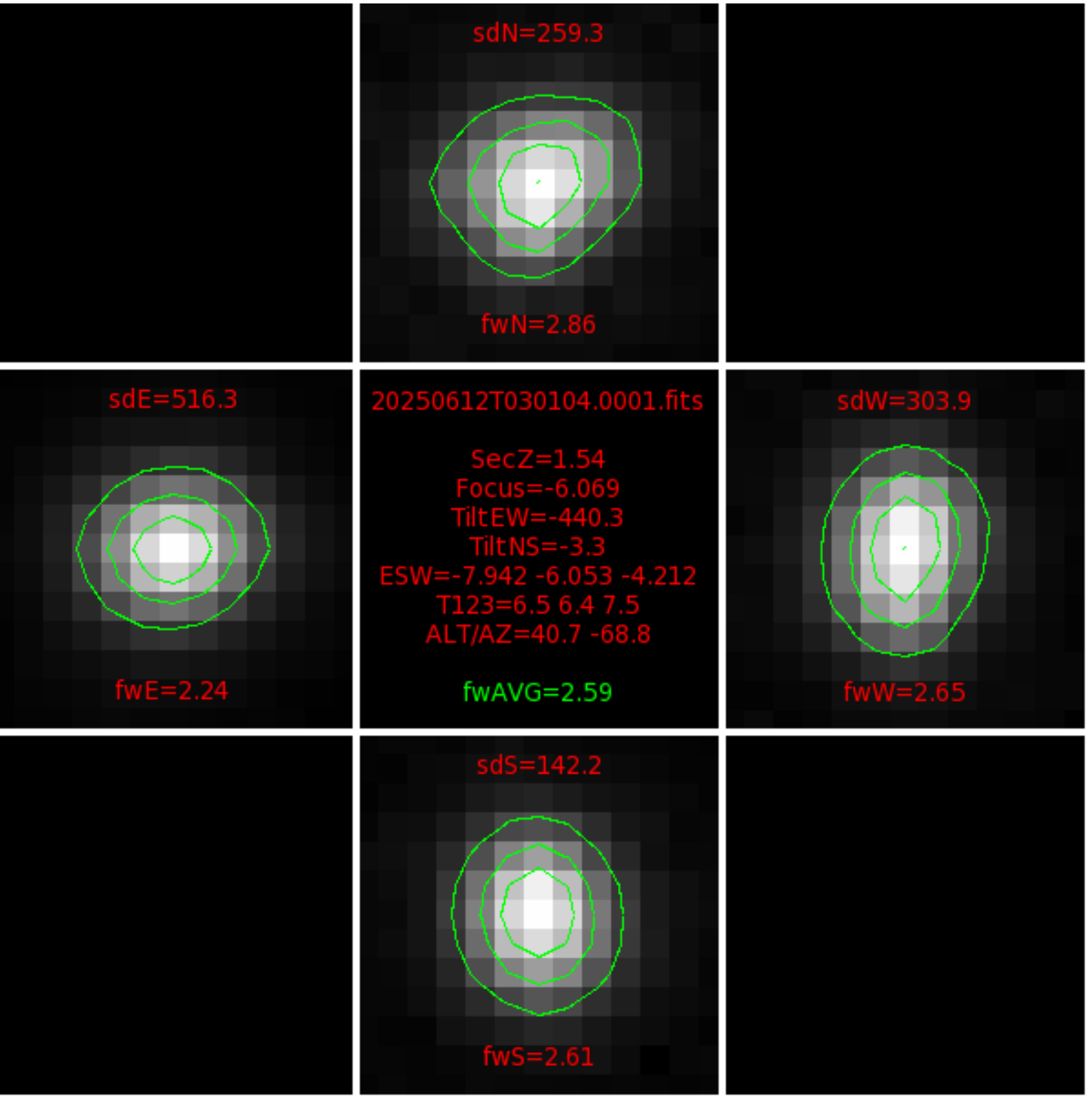
sdN=259.3
fwN=2.86
sdE=516.3
fwE=2.24
20250612T030104.0001.fits
SecZ=1.54
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.5 6.4 7.5
ALT/AZ=40.7 -68.8
fwAVG=2.59
sdW=303.9
fwW=2.65
sdS=142.2
fwS=2.61
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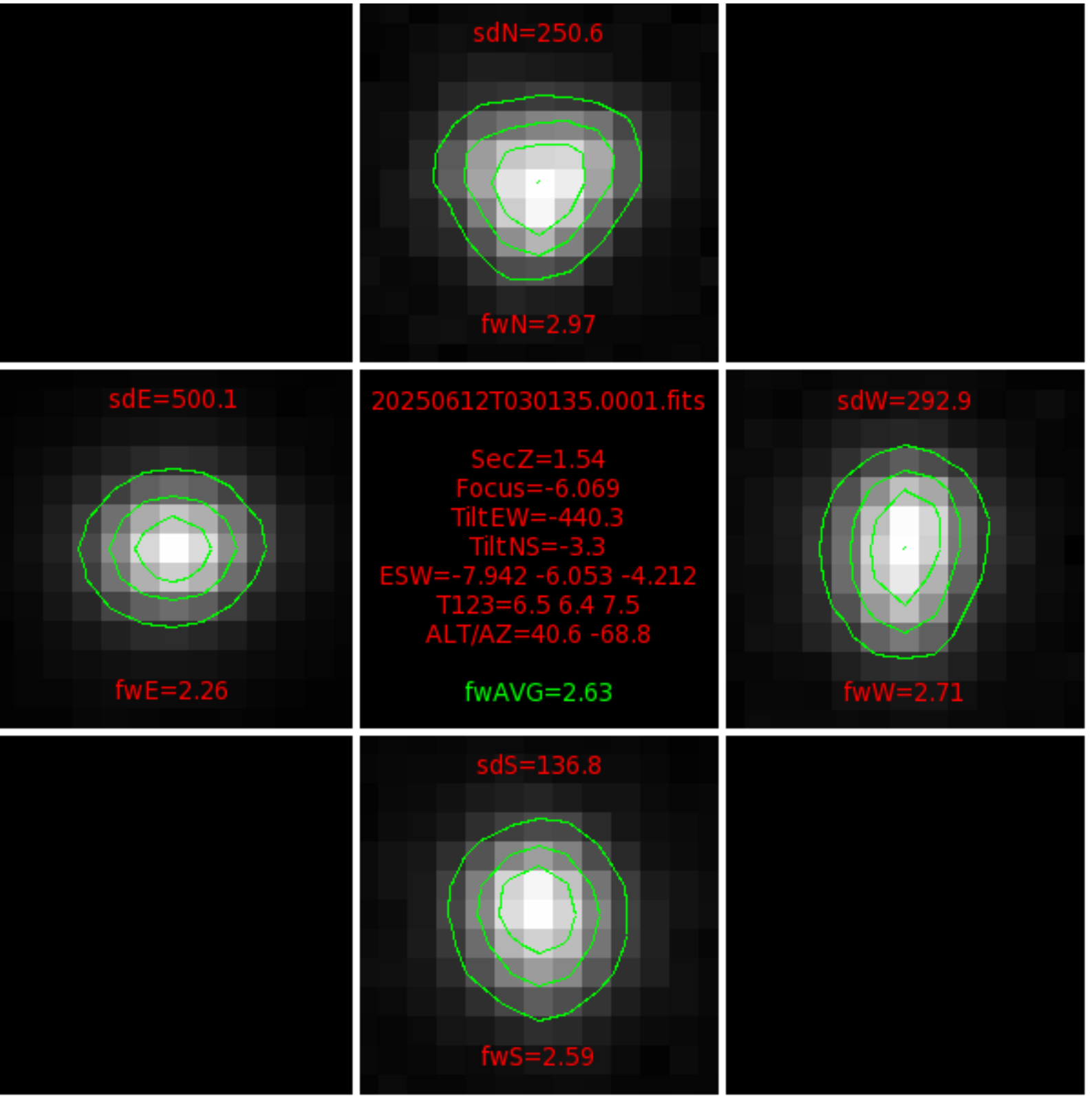
sdN=250.6
fwN=2.97
sdE=500.1
fwE=2.26
20250612T030135.0001.fits
SecZ=1.54
Focus=-6.069
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.942 -6.053 -4.212
T123=6.5 6.4 7.5
ALT/AZ=40.6 -68.8
fwAVG=2.63
sdW=292.9
fwW=2.71
sdS=136.8
fwS=2.59
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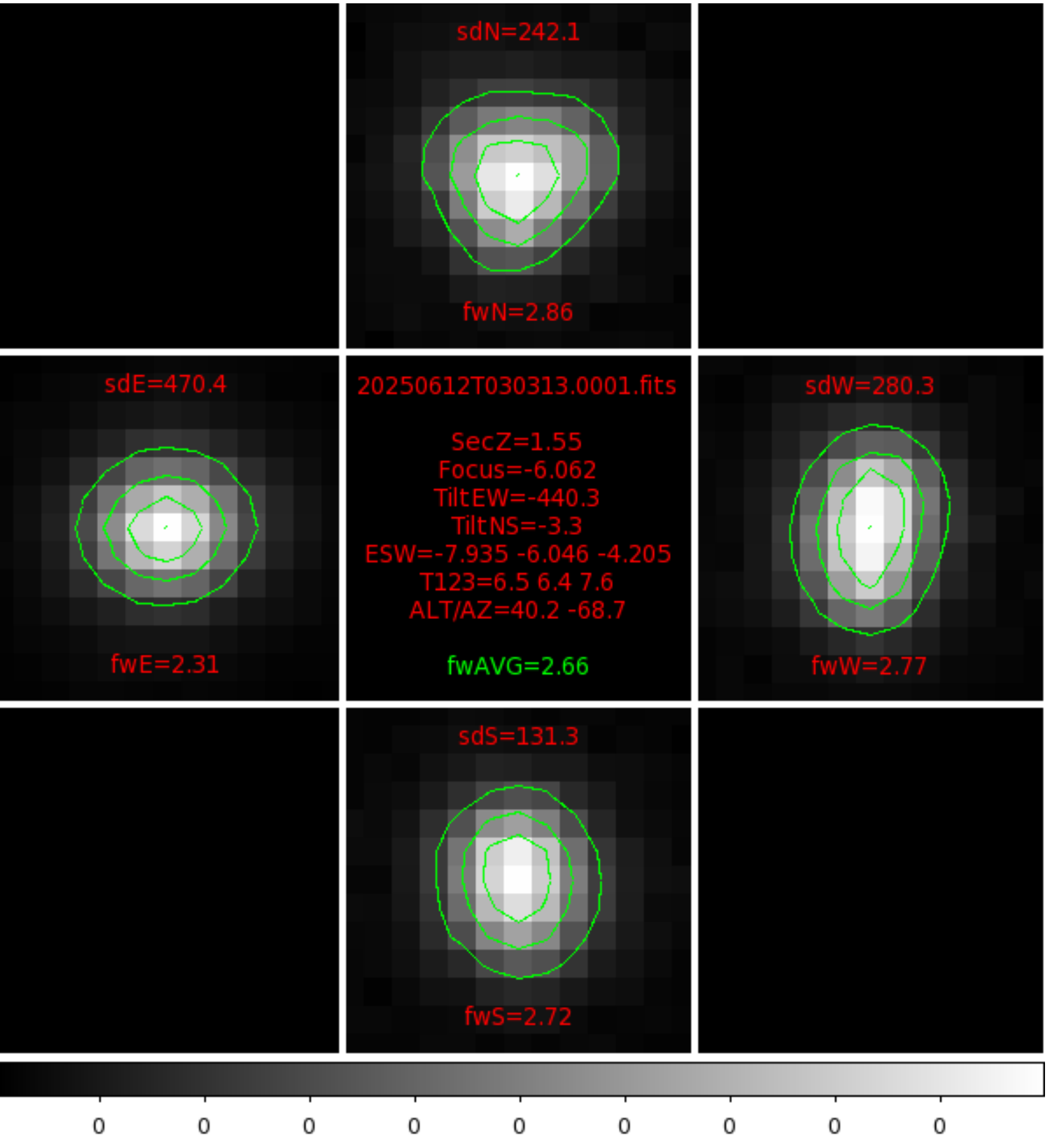
sdN=242.1
fwN=2.86
sdE=470.4
fwE=2.31
20250612T030313.0001.fits
SecZ=1.55
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.5 6.4 7.6
ALT/AZ=40.2 -68.7
fwAVG=2.66
sdW=280.3
fwW=2.77
sdS=131.3
fwS=2.72
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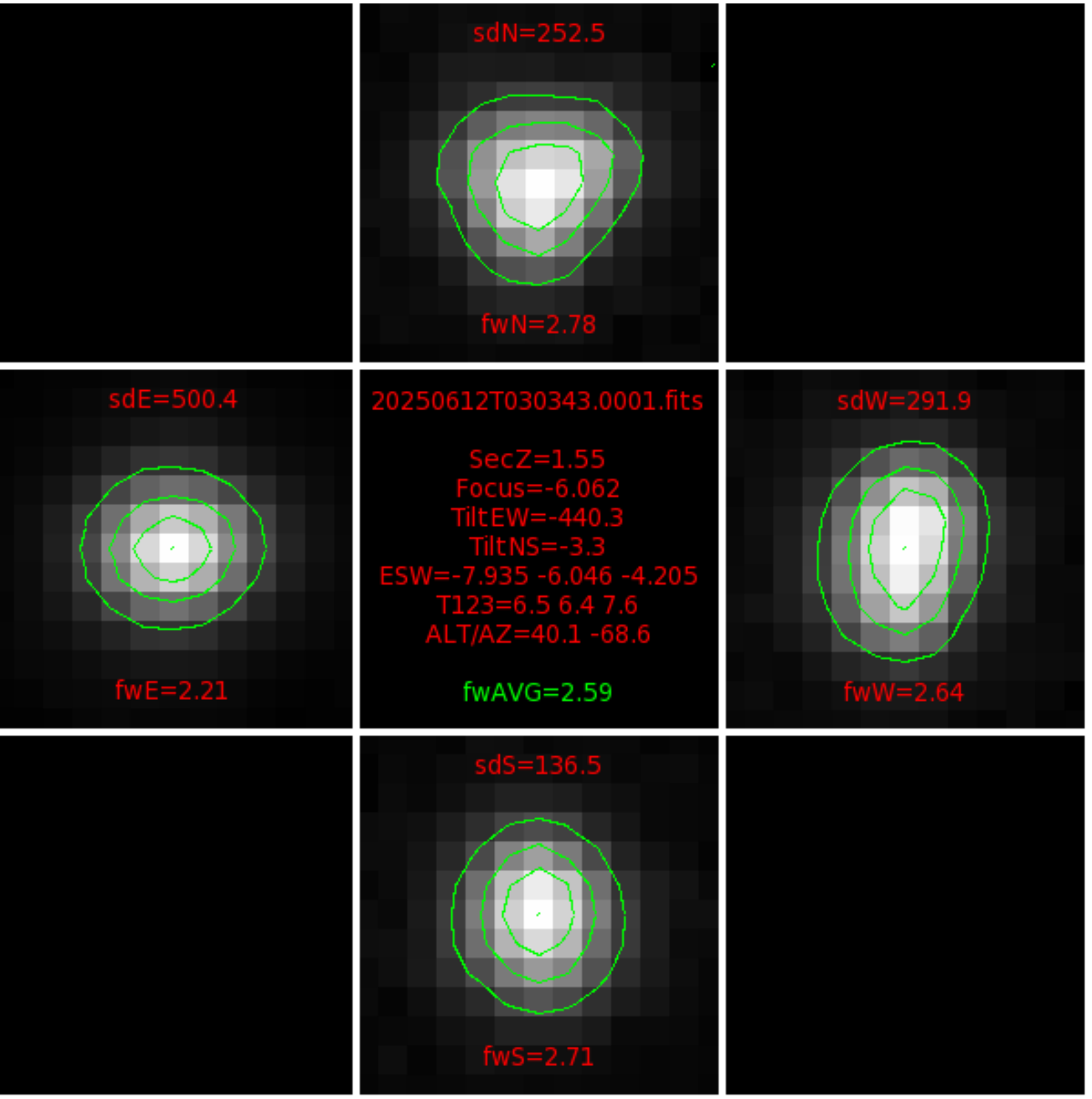
sdN=252.5
fwN=2.78
sdE=500.4
fwE=2.21
20250612T030343.0001.fits
SecZ=1.55
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.5 6.4 7.6
ALT/AZ=40.1 -68.6
fwAVG=2.59
sdW=291.9
fwW=2.64
sdS=136.5
fwS=2.71
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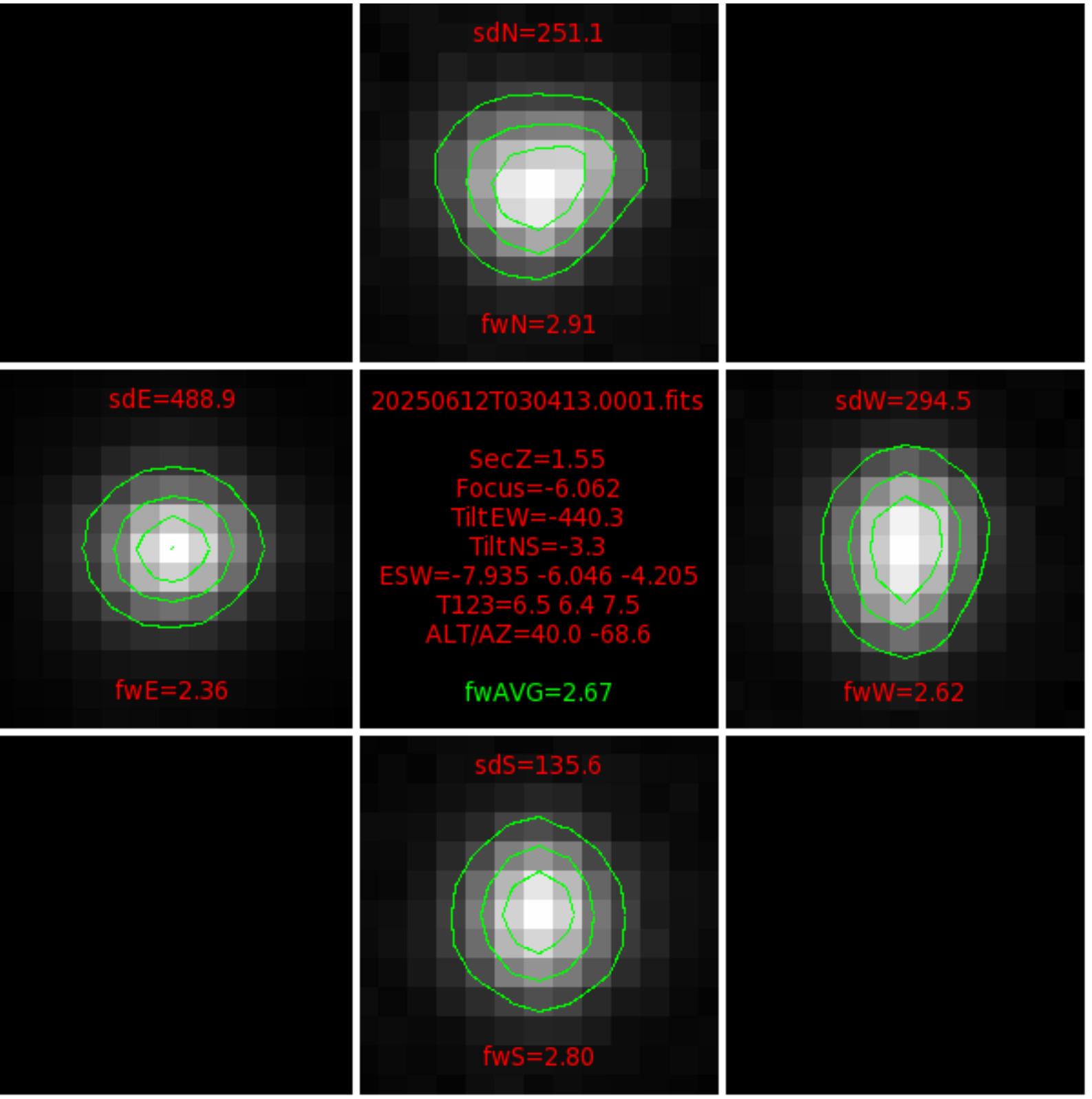
sdN=251.1
fwN=2.91
sdE=488.9
fwE=2.36
20250612T030413.0001.fits
SecZ=1.55
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.5 6.4 7.5
ALT/AZ=40.0 -68.6
fwAVG=2.67
sdW=294.5
fwW=2.62
sdS=135.6
fwS=2.80
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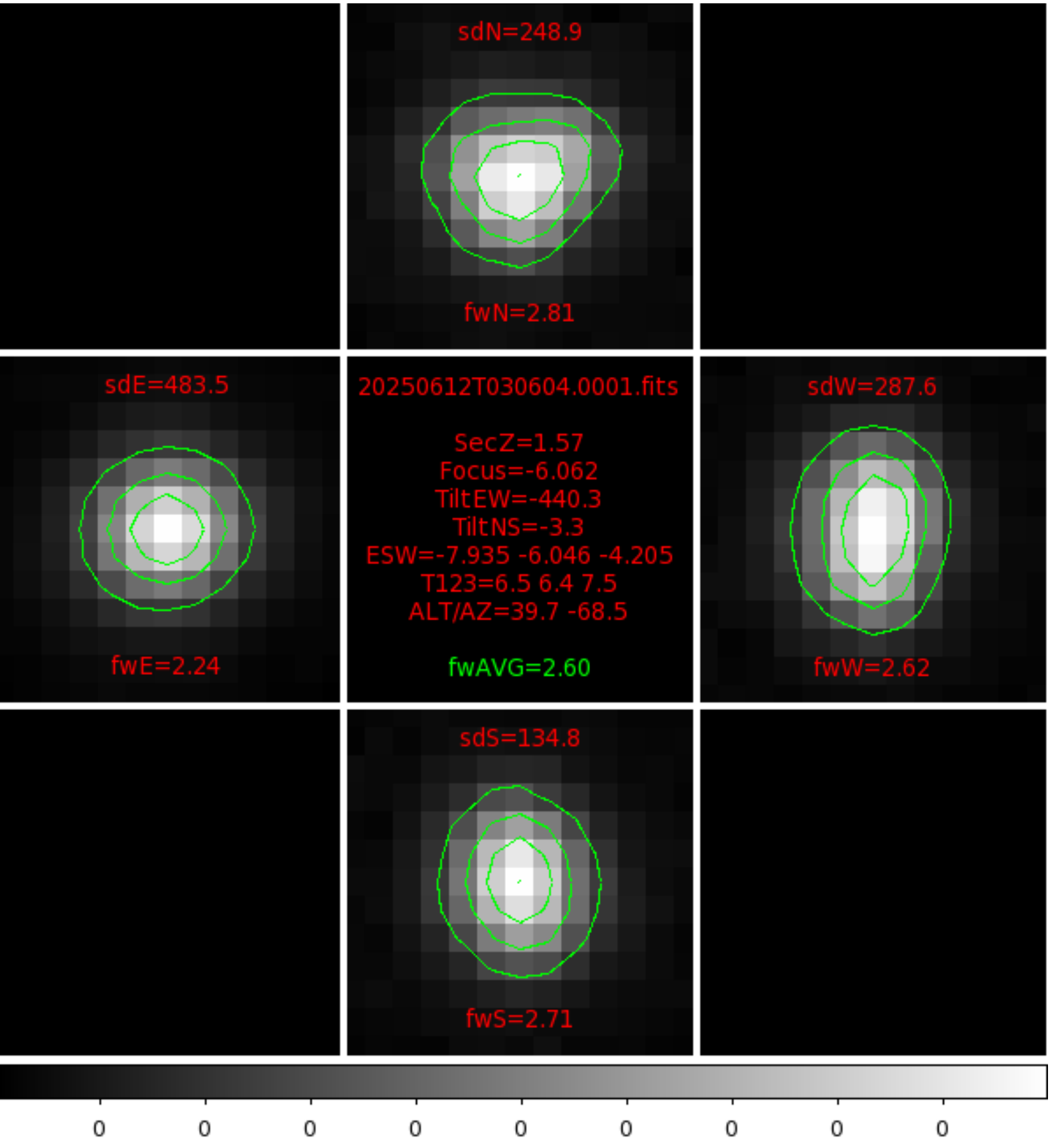
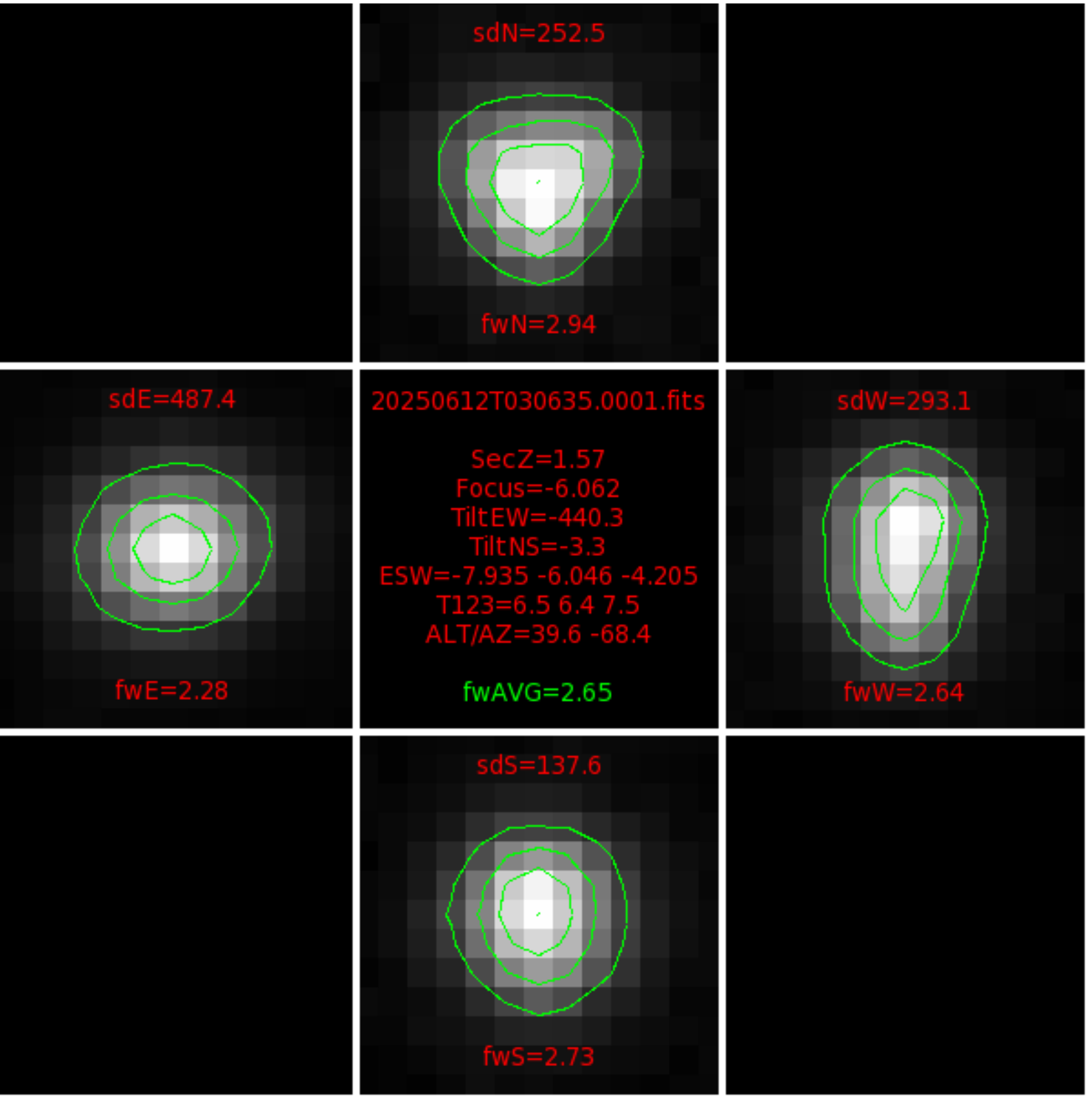
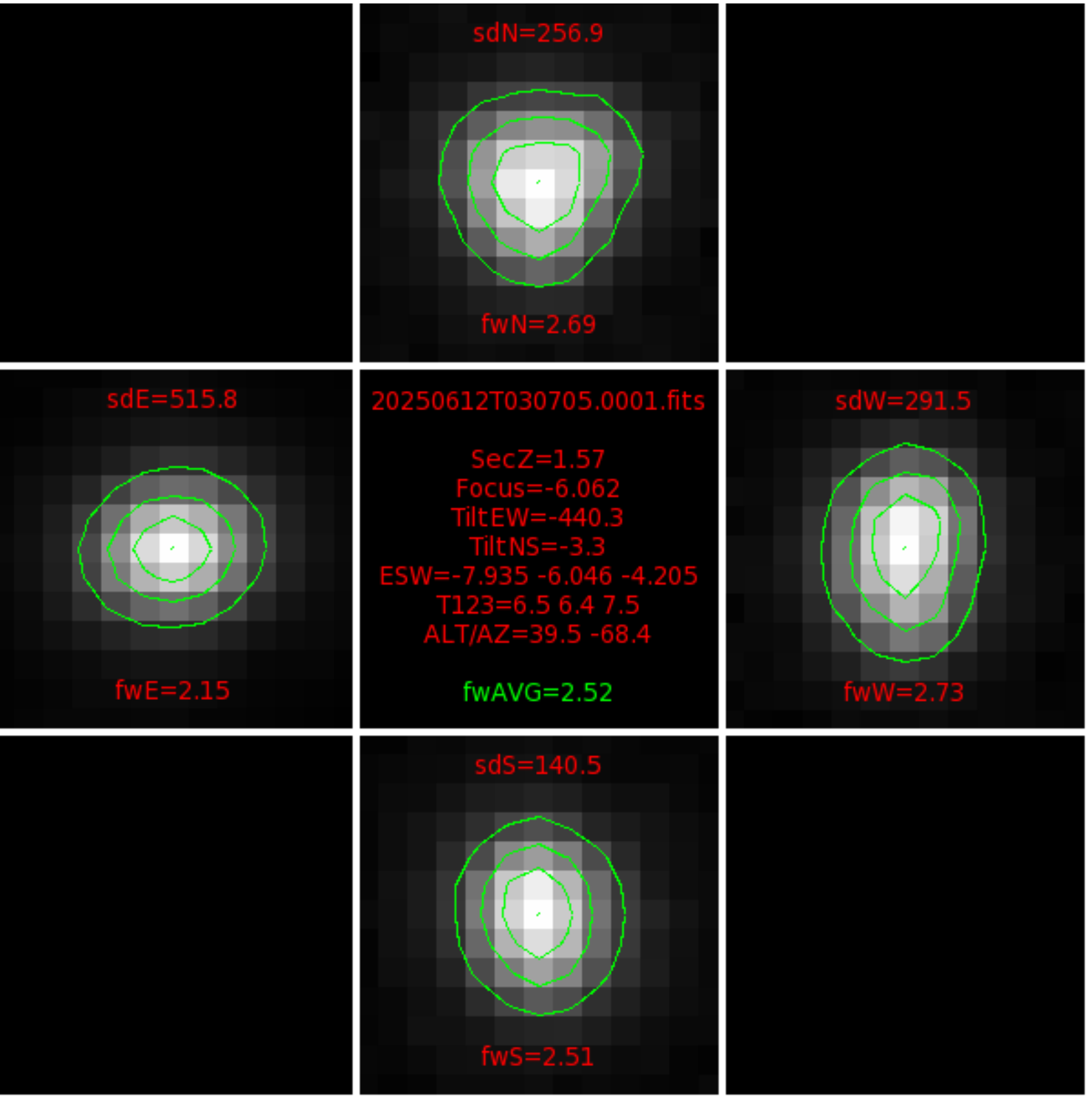

sdN=248.9
fwN=2.81
sdE=483.5
fwE=2.24
20250612T030604.0001.fits
SecZ=1.57
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.5 6.4 7.5
ALT/AZ=39.7 -68.5
fwAVG=2.60
sdW=287.6
fwW=2.62
sdS=134.8
fwS=2.71
0 0 0 0 0 0 0 0 0


sdN=252.5
fwN=2.94
sdE=487.4
fwE=2.28
20250612T030635.0001.fits
SecZ=1.57
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.5 6.4 7.5
ALT/AZ=39.6 -68.4
fwAVG=2.65
sdW=293.1
fwW=2.64
sdS=137.6
fwS=2.73
0 0 0 0 0 0 0 0 0


sdN=256.9
fwN=2.69
sdE=515.8
fwE=2.15
20250612T030705.0001.fits
SecZ=1.57
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.5 6.4 7.5
ALT/AZ=39.5 -68.4
fwAVG=2.52
sdW=291.5
fwW=2.73
sdS=140.5
fwS=2.51
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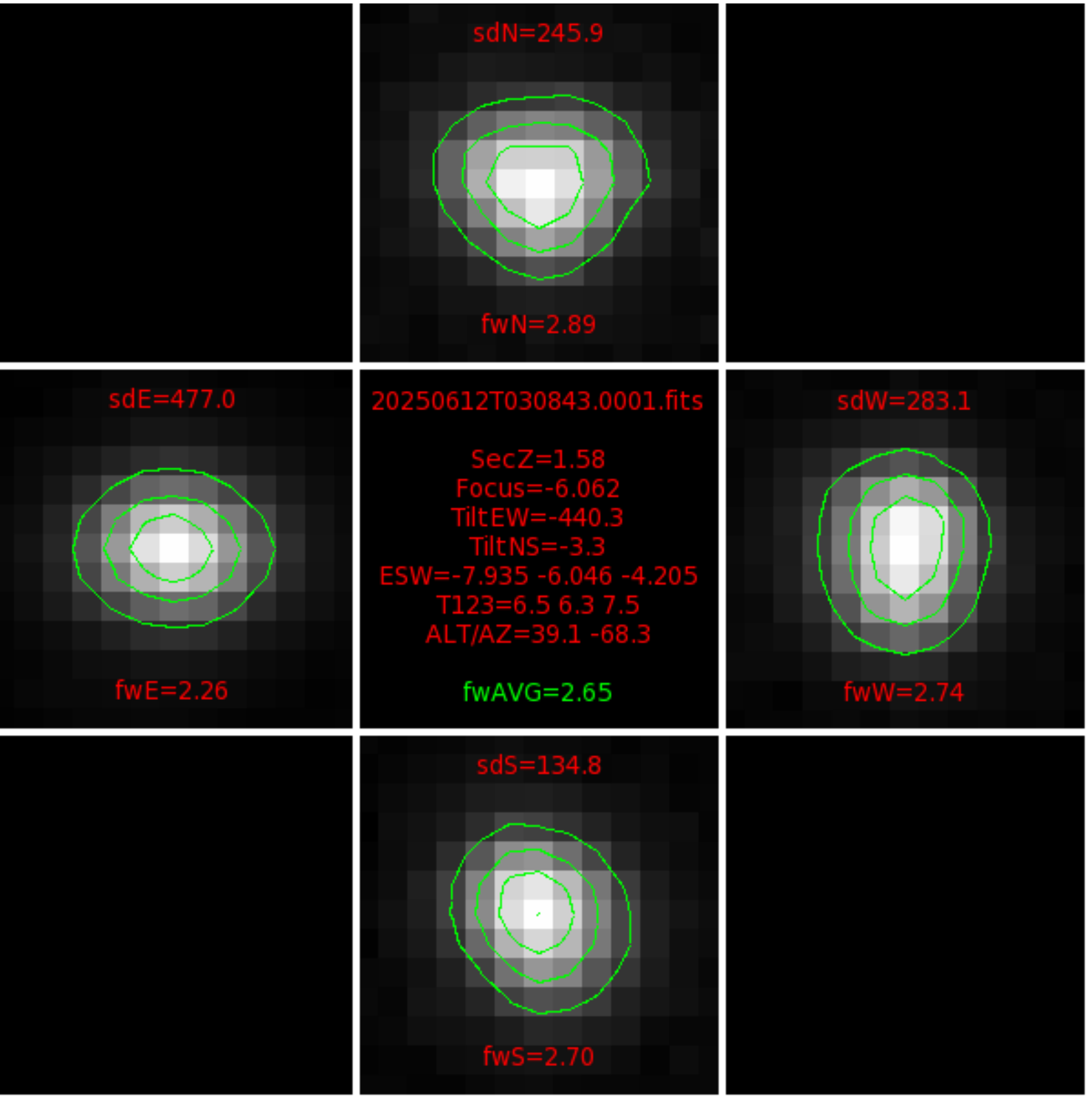
sdN=245.9
fwN=2.89
sdE=477.0
fwE=2.26
20250612T030843.0001.fits
SecZ=1.58
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.5 6.3 7.5
ALT/AZ=39.1 -68.3
fwAVG=2.65
sdW=283.1
fwW=2.74
sdS=134.8
fwS=2.70
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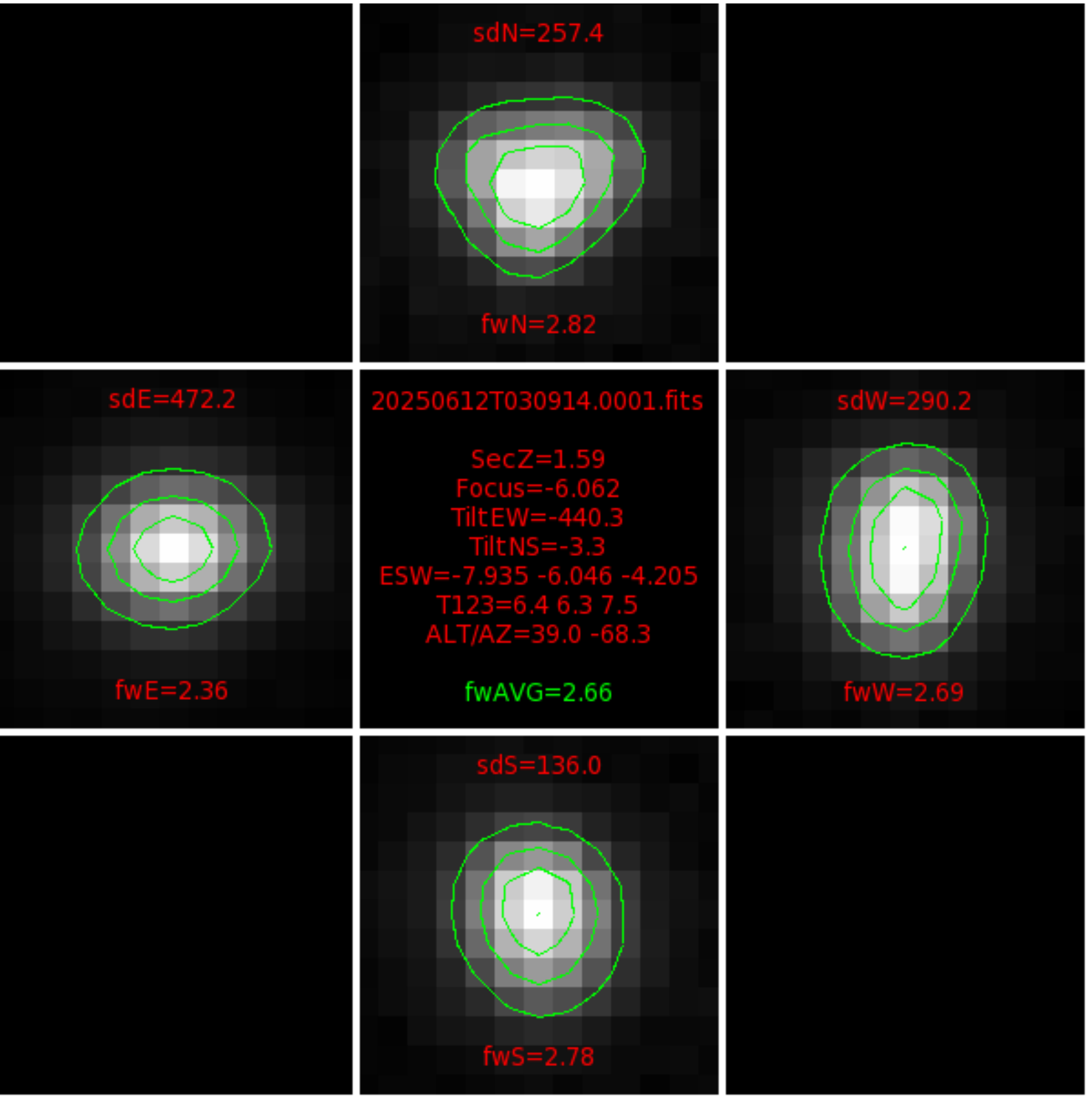
sdN=257.4
fwN=2.82
sdE=472.2
fwE=2.36
20250612T030914.0001.fits
SecZ=1.59
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.4 6.3 7.5
ALT/AZ=39.0 -68.3
fwAVG=2.66
sdW=290.2
fwW=2.69
sdS=136.0
fwS=2.78
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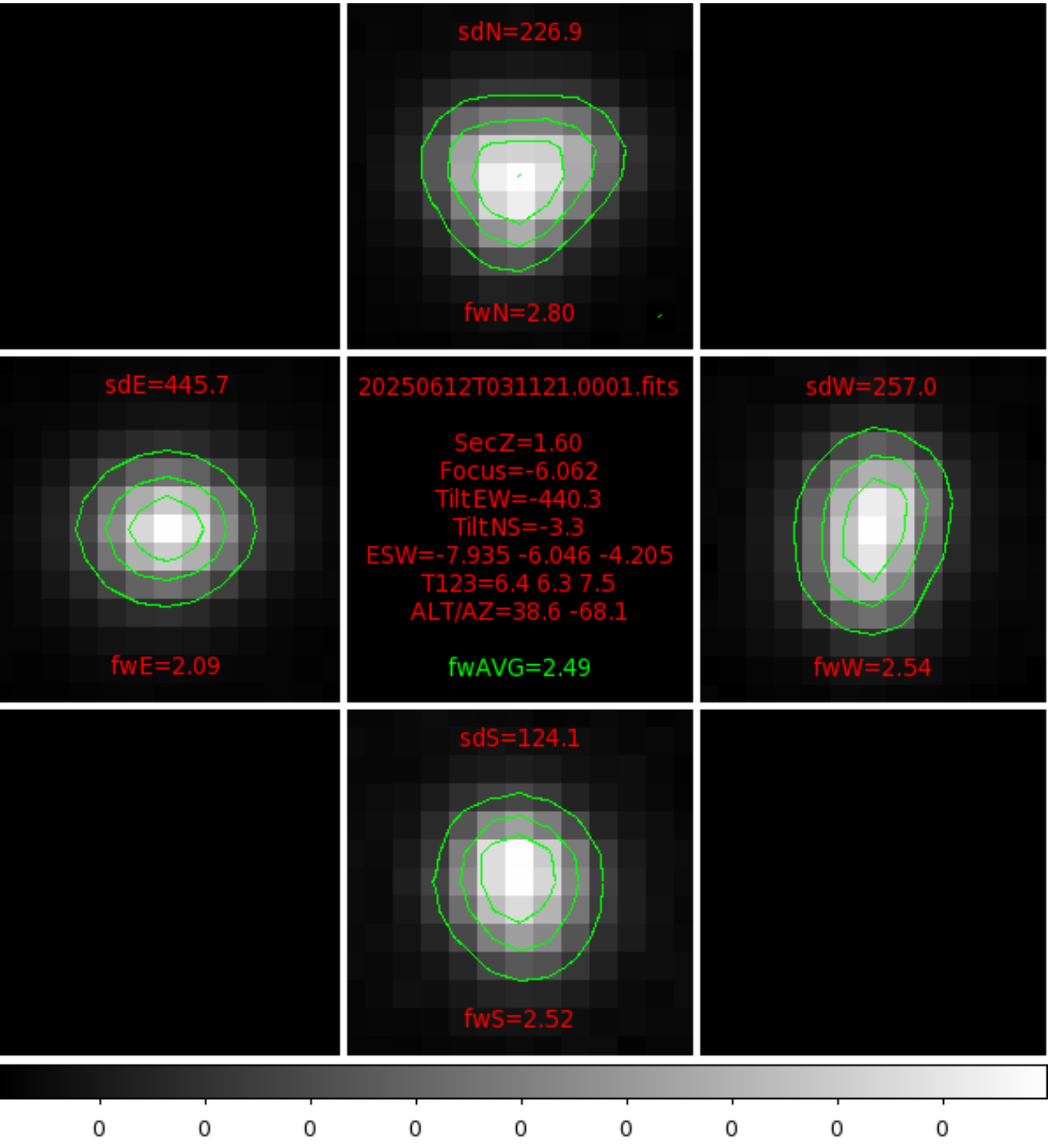
sdN=226.9
fwN=2.80
sdE=445.7
fwE=2.09
20250612T031121.0001.fits
SecZ=1.60
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.4 6.3 7.5
ALT/AZ=38.6 -68.1
fwAVG=2.49
sdW=257.0
fwW=2.54
sdS=124.1
fwS=2.52
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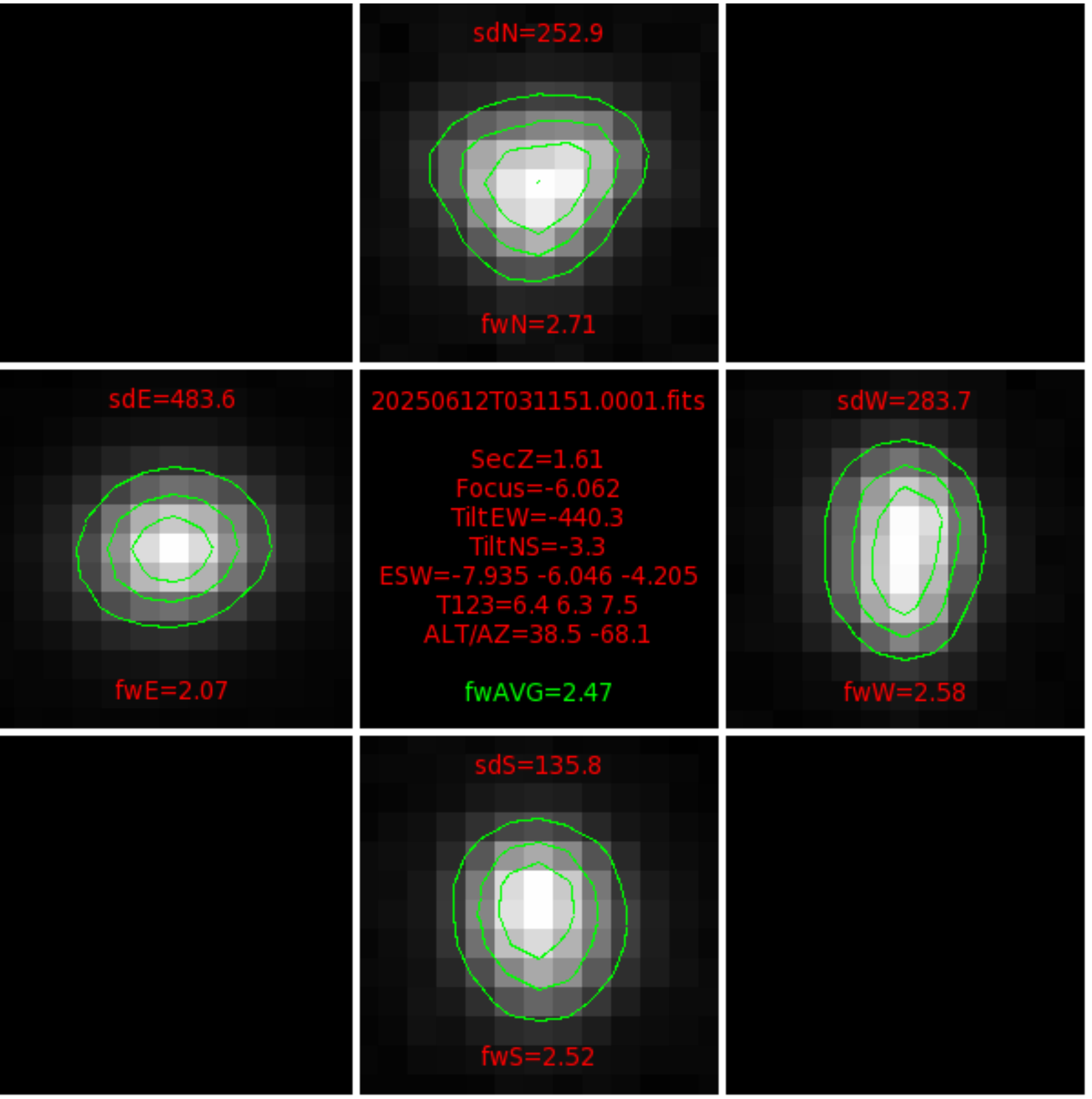
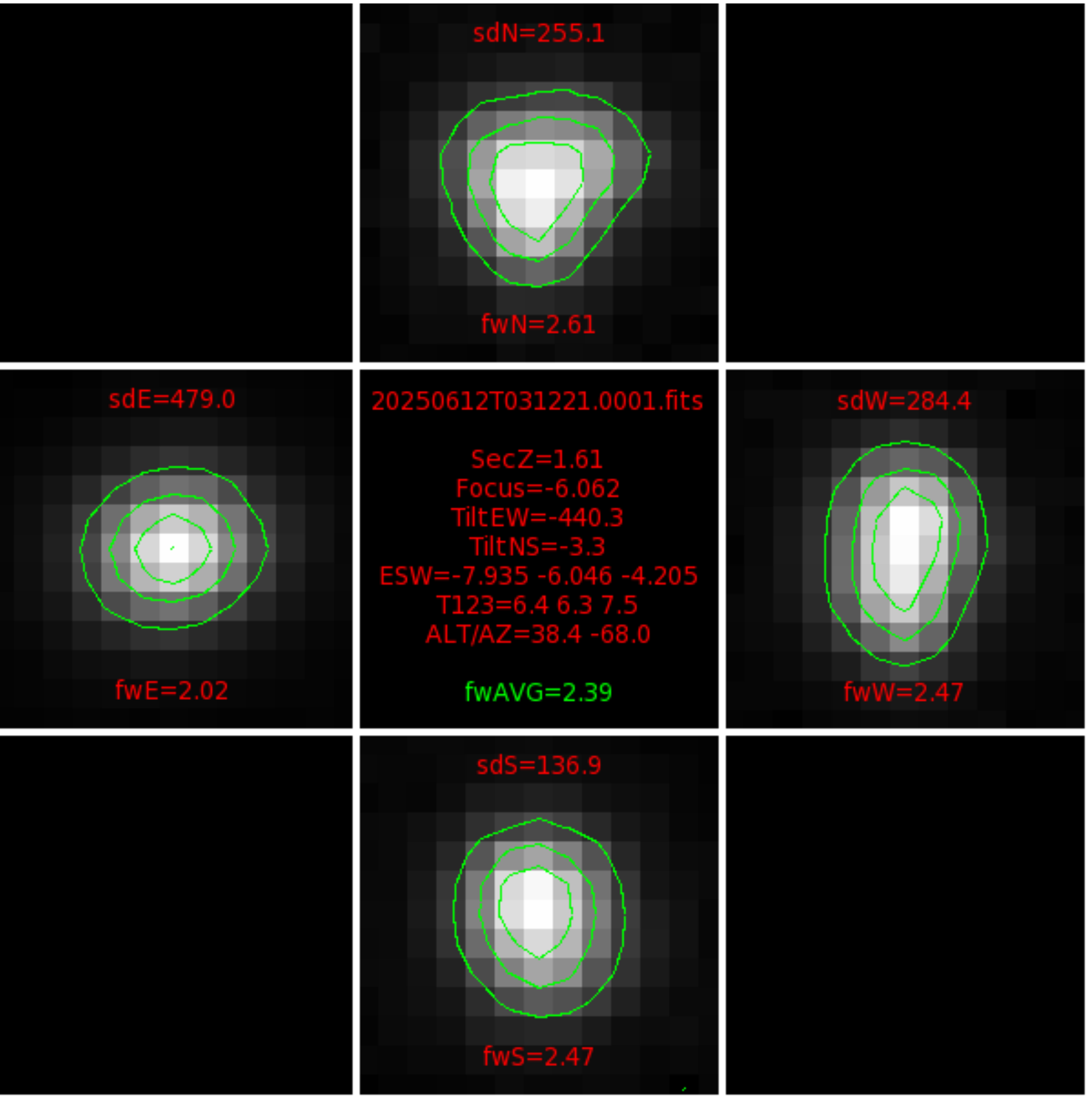

sdN=252.9
fwN=2.71
sdE=483.6
fwE=2.07
20250612T031151.0001.fits
SecZ=1.61
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.4 6.3 7.5
ALT/AZ=38.5 -68.1
fwAVG=2.47
sdW=283.7
fwW=2.58
sdS=135.8
fwS=2.52
0 0 0 0 0 0 0 0 0


sdN=255.1
fwN=2.61
sdE=479.0
fwE=2.02
20250612T031221.0001.fits
SecZ=1.61
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.4 6.3 7.5
ALT/AZ=38.4 -68.0
fwAVG=2.39
sdW=284.4
fwW=2.47
sdS=136.9
fwS=2.47
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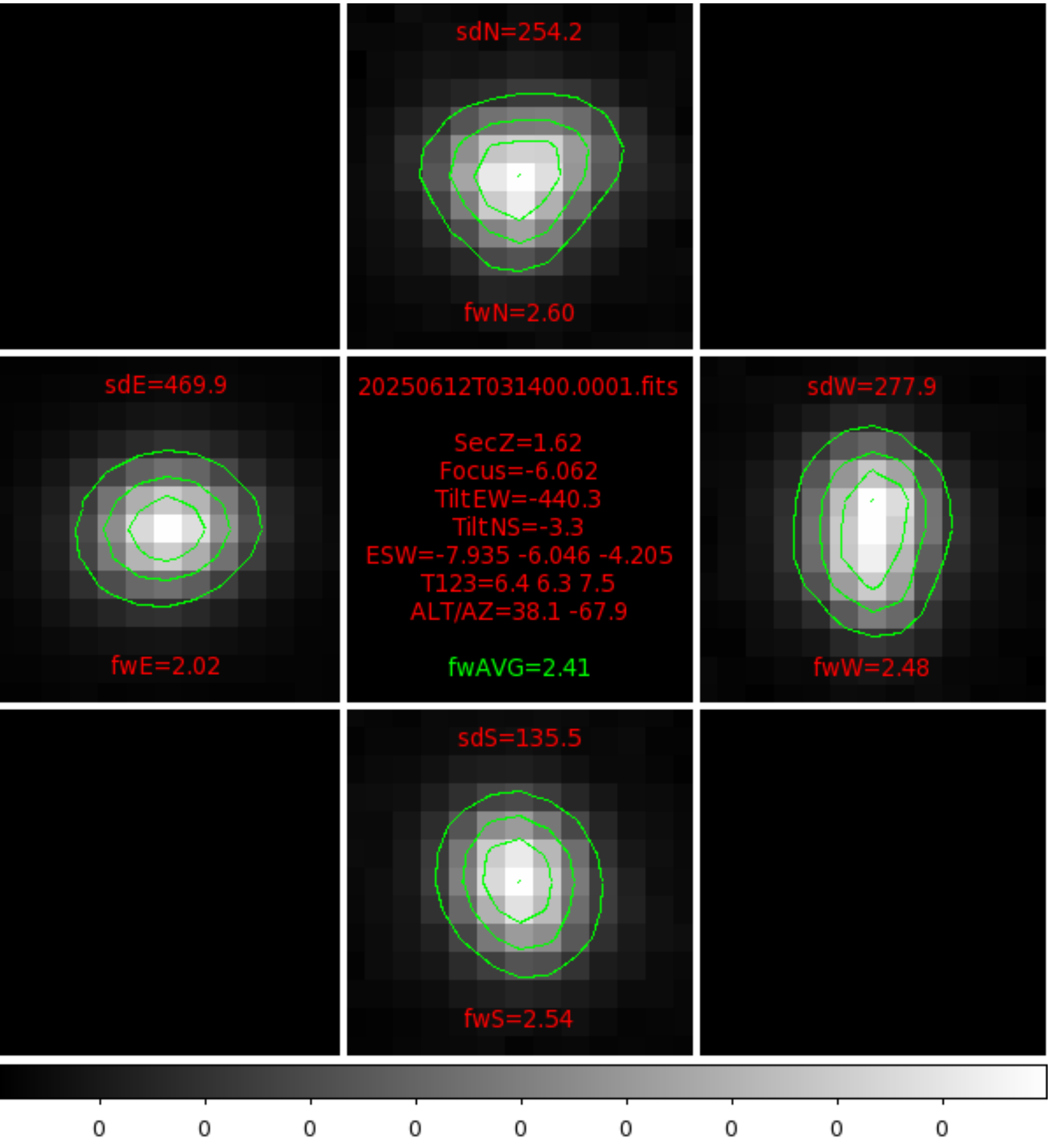
sdN=254.2
fwN=2.60
sdE=469.9
fwE=2.02
20250612T031400.0001.fits
SecZ=1.62
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.4 6.3 7.5
ALT/AZ=38.1 -67.9
fwAVG=2.41
sdW=277.9
fwW=2.48
sdS=135.5
fwS=2.54
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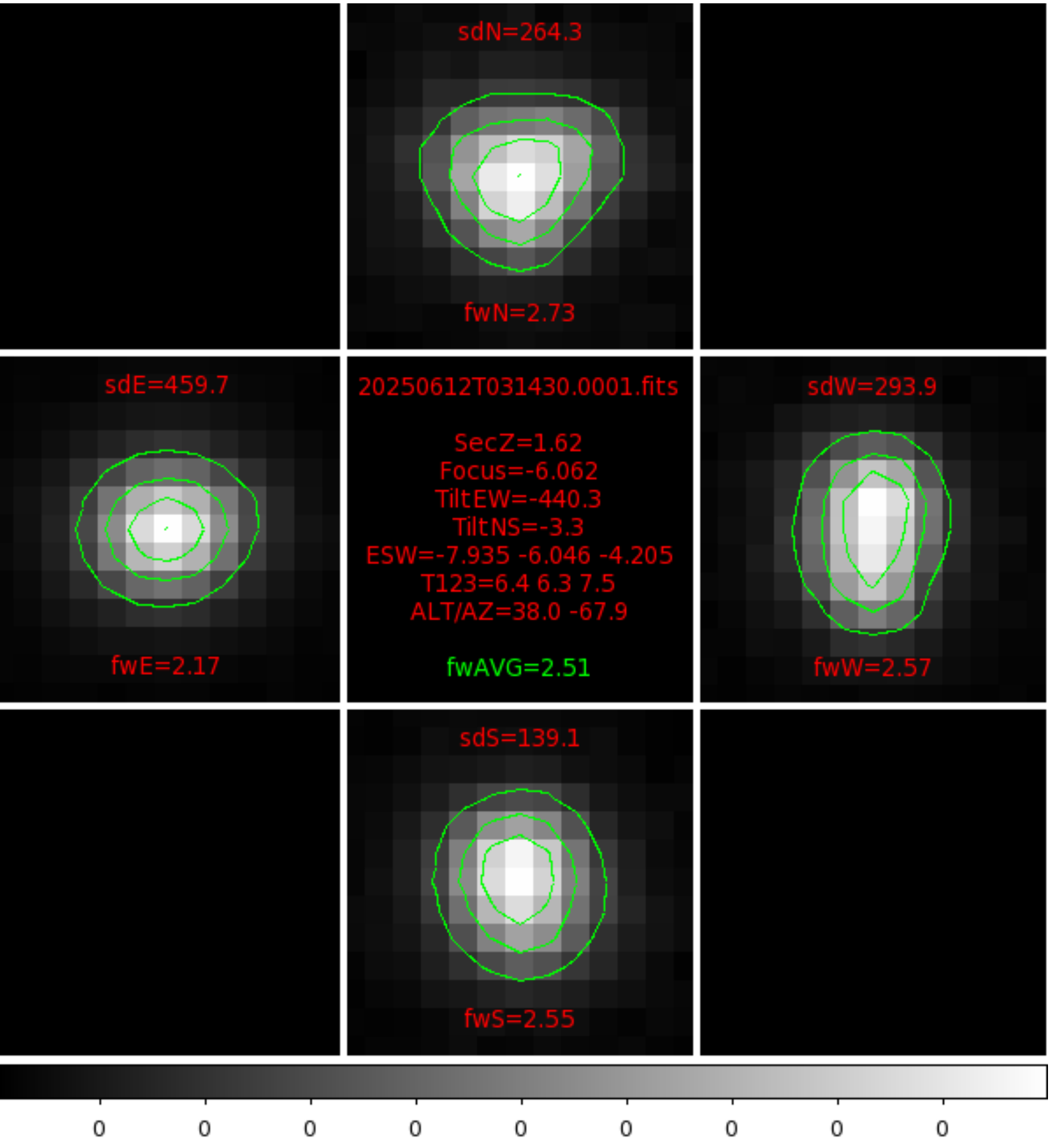
sdN=264.3
fwN=2.73
sdE=459.7
fwE=2.17
20250612T031430.0001.fits
SecZ=1.62
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.4 6.3 7.5
ALT/AZ=38.0 -67.9
fwAVG=2.51
sdW=293.9
fwW=2.57
sdS=139.1
fwS=2.55
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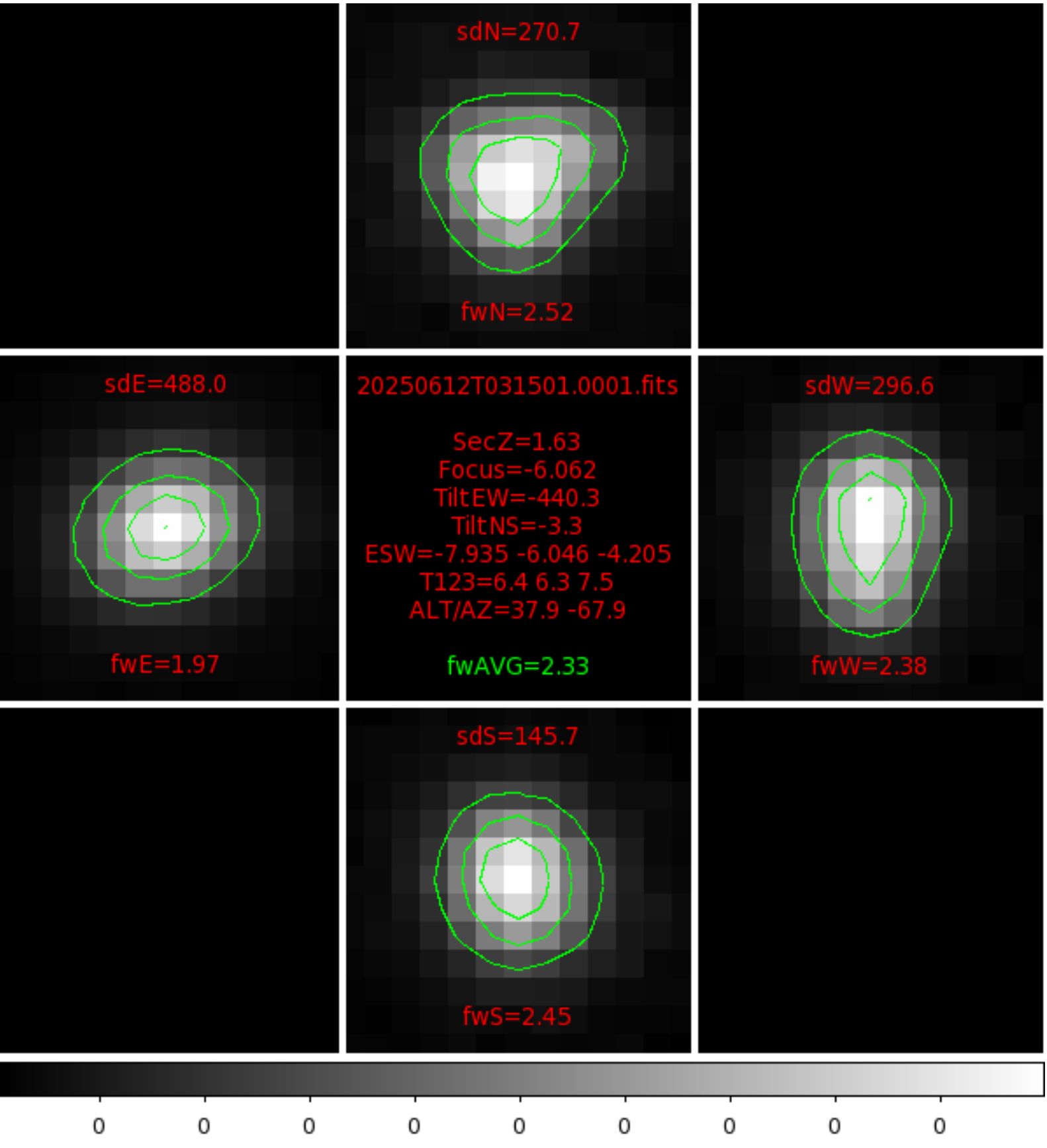
sdN=270.7
fwN=2.52
sdE=488.0
fwE=1.97
20250612T031501.0001.fits
SecZ=1.63
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.4 6.3 7.5
ALT/AZ=37.9 -67.9
fwAVG=2.33
sdW=296.6
fwW=2.38
sdS=145.7
fwS=2.45
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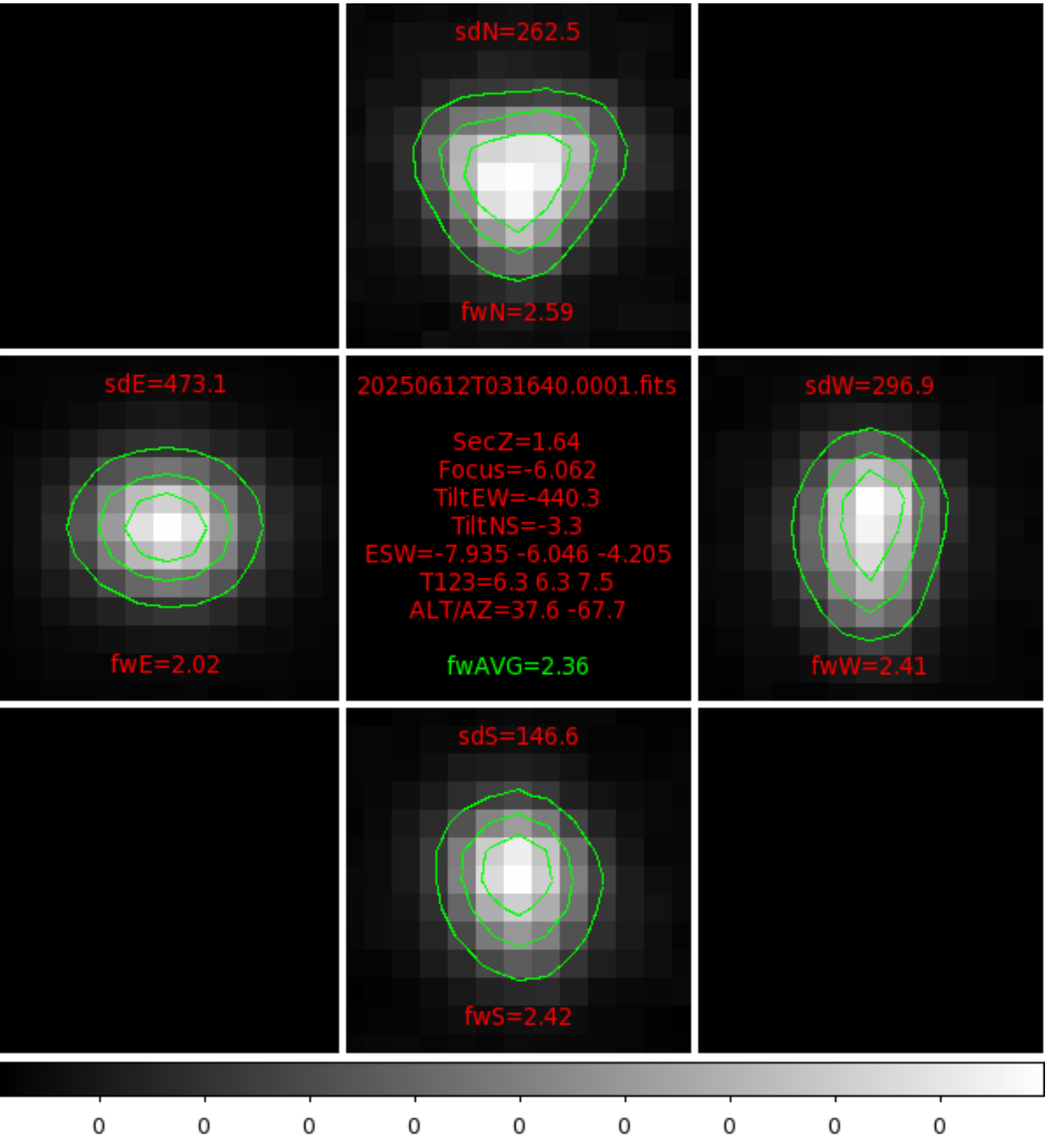
sdN=262.5
fwN=2.59
sdE=473.1
fwE=2.02
20250612T031640.0001.fits
SecZ=1.64
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.3 6.3 7.5
ALT/AZ=37.6 -67.7
fwAVG=2.36
sdW=296.9
fwW=2.41
sdS=146.6
fwS=2.42
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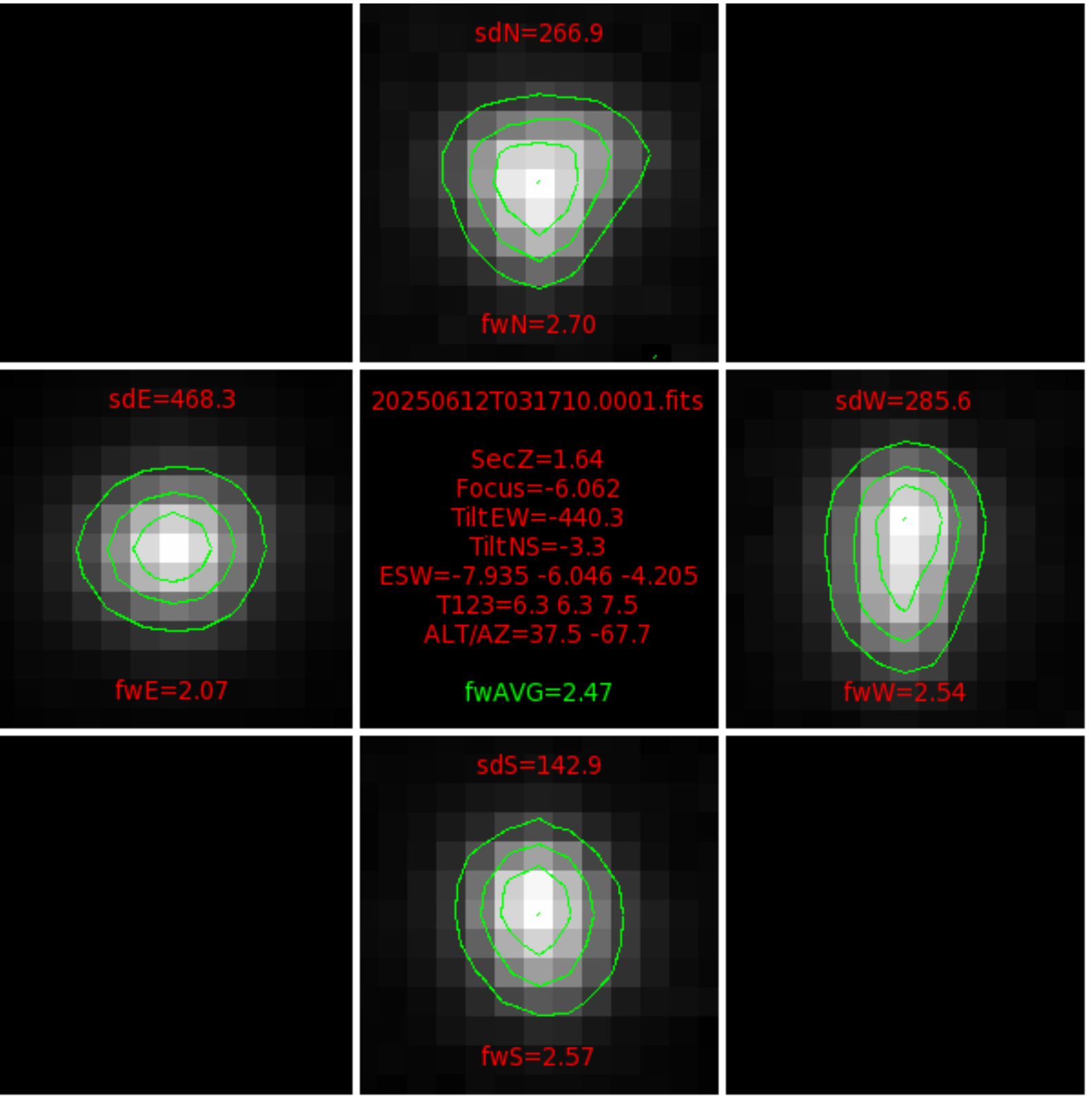
sdN=266.9
fwN=2.70
sdE=468.3
fwE=2.07
20250612T031710.0001.fits
SecZ=1.64
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.3 6.3 7.5
ALT/AZ=37.5 -67.7
fwAVG=2.47
sdW=285.6
fwW=2.54
sdS=142.9
fwS=2.57
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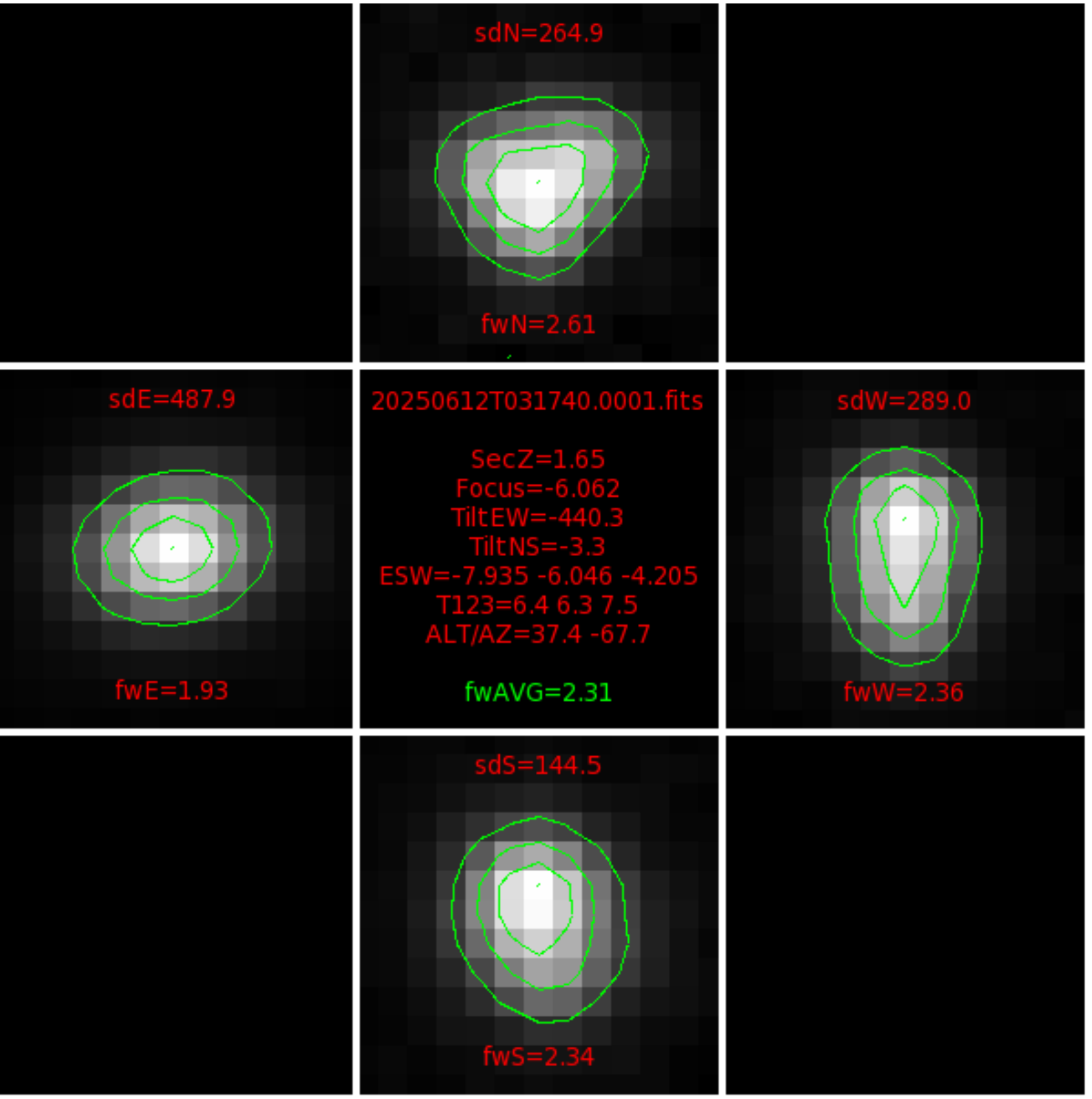
sdN=264.9
fwN=2.61
sdE=487.9
fwE=1.93
20250612T031740.0001.fits
SecZ=1.65
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.4 6.3 7.5
ALT/AZ=37.4 -67.7
fwAVG=2.31
sdW=289.0
fwW=2.36
sdS=144.5
fwS=2.34
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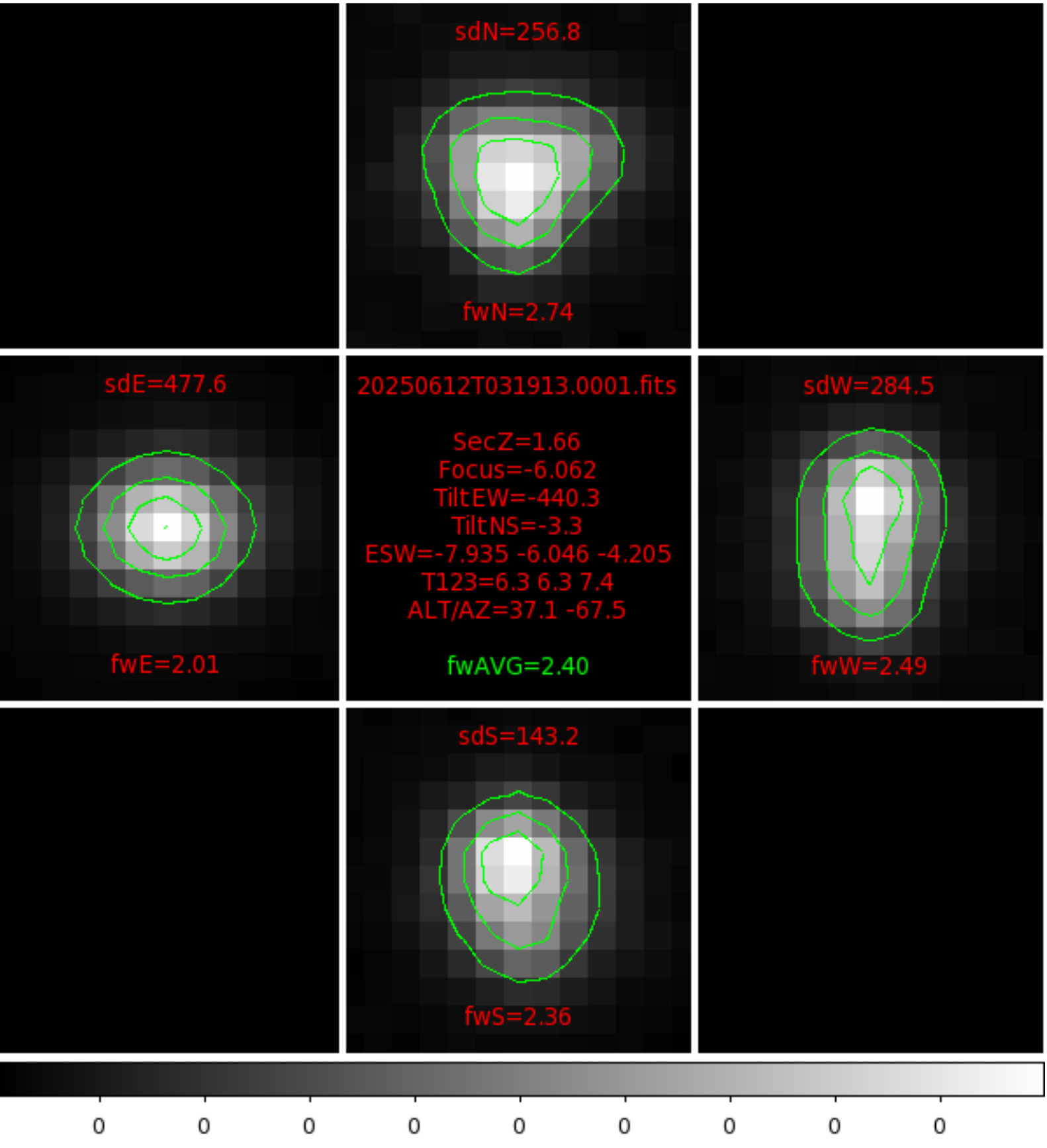
sdN=256.8
fwN=2.74
sdE=477.6
fwE=2.01
20250612T031913.0001.fits
SecZ=1.66
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.3 6.3 7.4
ALT/AZ=37.1 -67.5
fwAVG=2.40
sdW=284.5
fwW=2.49
sdS=143.2
fwS=2.36
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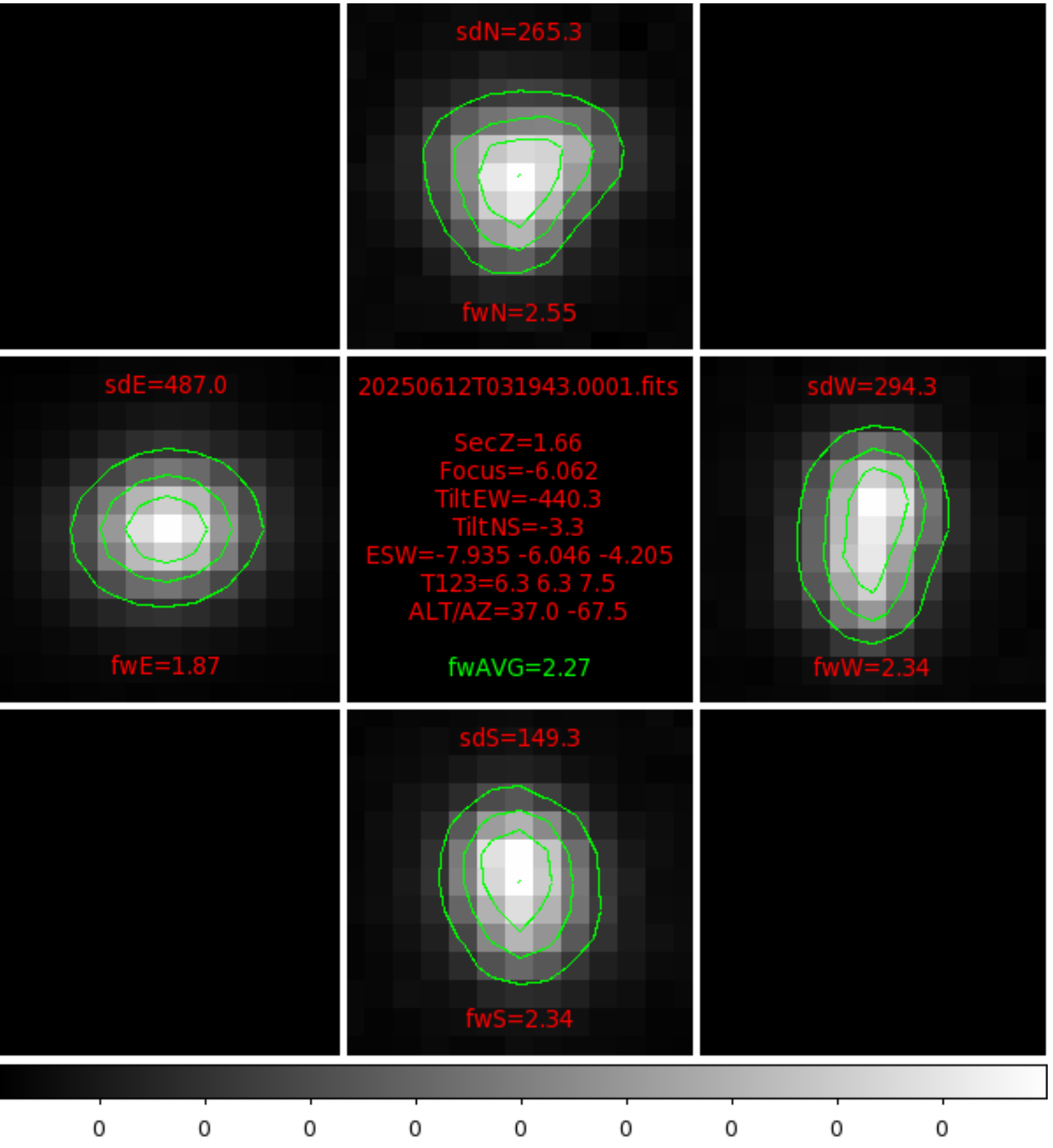
sdN=265.3
fwN=2.55
sdE=487.0
fwE=1.87
20250612T031943.0001.fits
SecZ=1.66
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.3 6.3 7.5
ALT/AZ=37.0 -67.5
fwAVG=2.27
sdW=294.3
fwW=2.34
sdS=149.3
fwS=2.34
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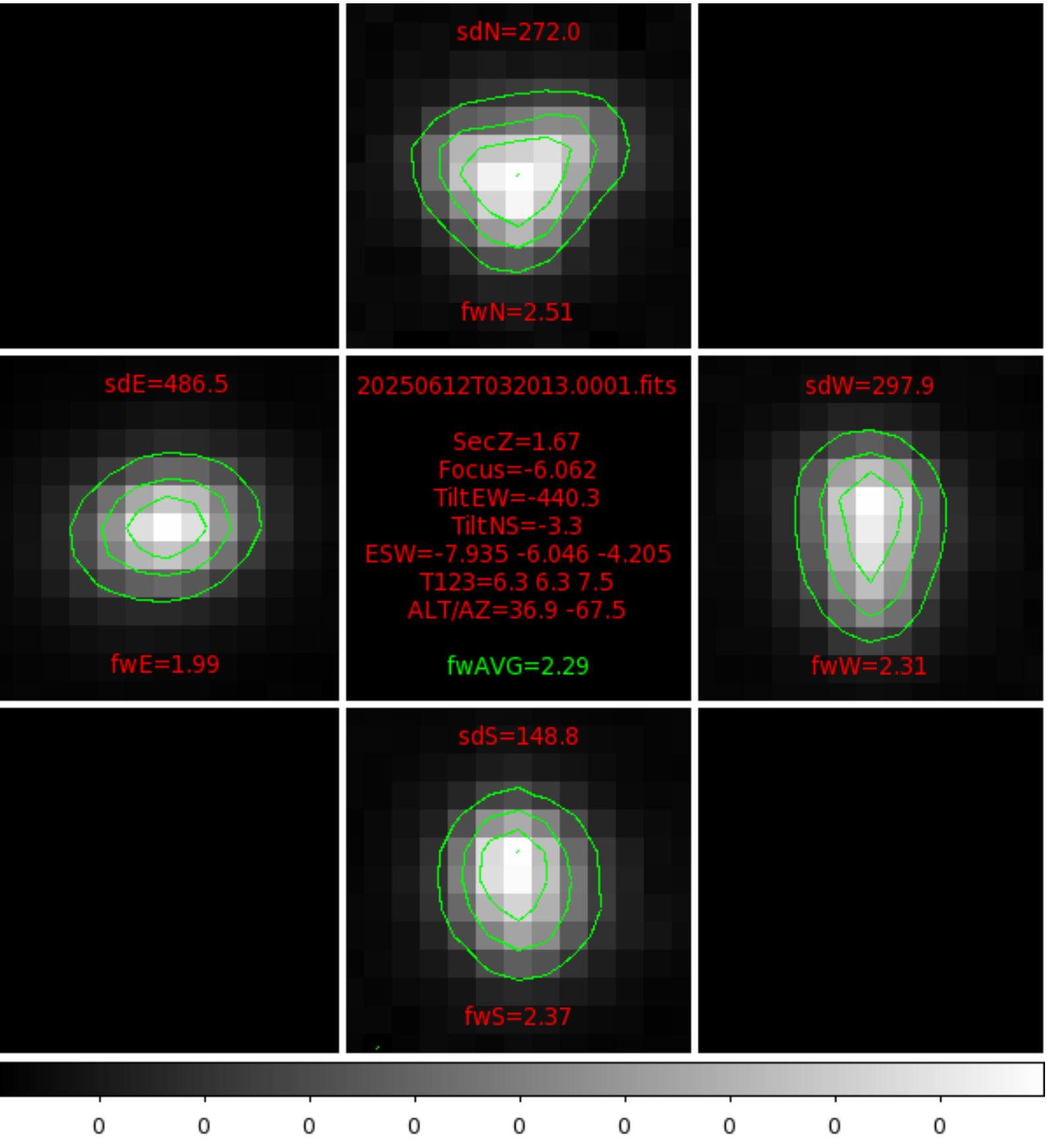
sdN=272.0
fwN=2.51
sdE=486.5
fwE=1.99
20250612T032013.0001.fits
SecZ=1.67
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.3 6.3 7.5
ALT/AZ=36.9 -67.5
fwAVG=2.29
sdW=297.9
fwW=2.31
sdS=148.8
fwS=2.37
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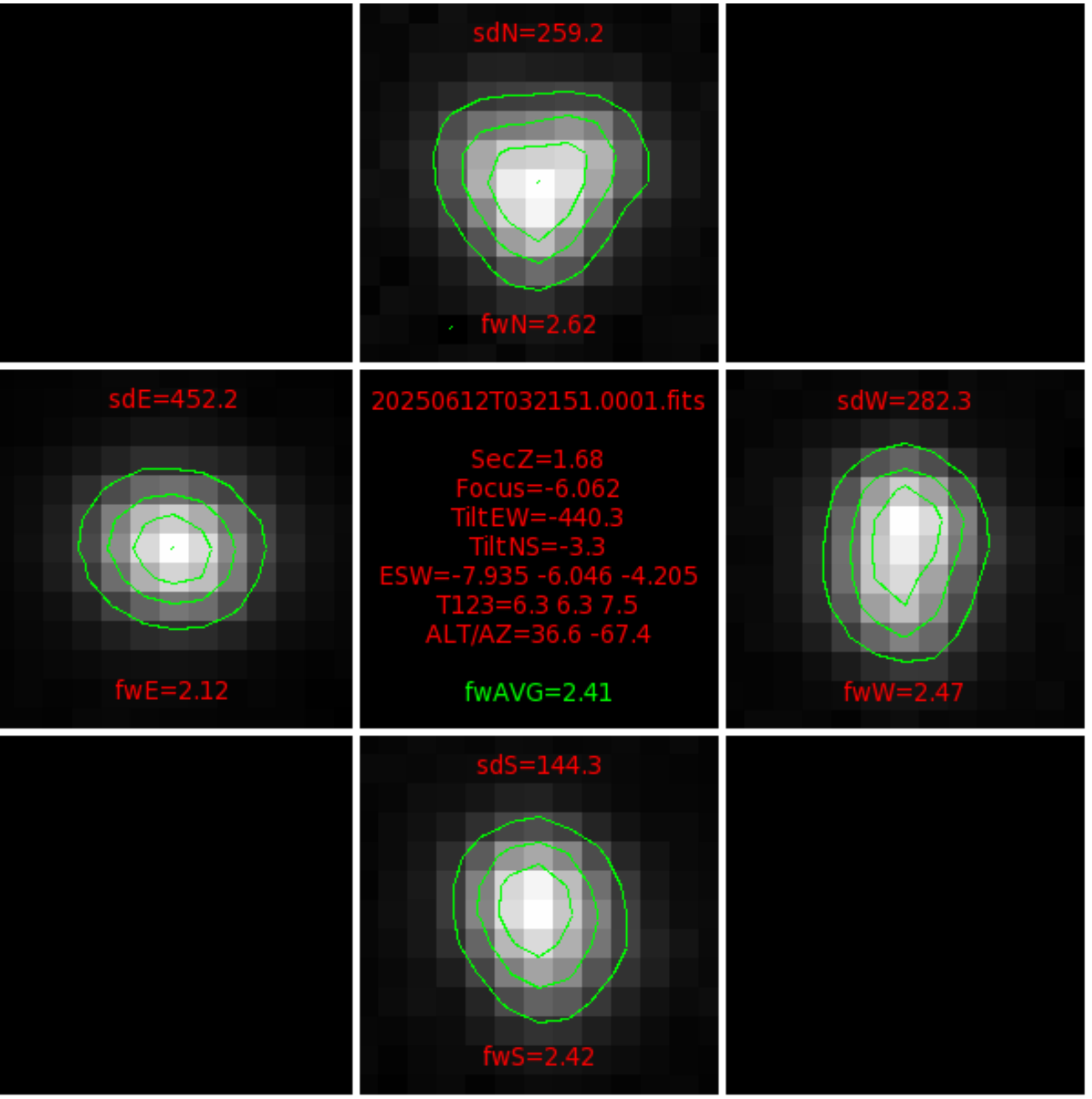
sdN=259.2
fwN=2.62
sdE=452.2
fwE=2.12
20250612T032151.0001.fits
SecZ=1.68
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.3 6.3 7.5
ALT/AZ=36.6 -67.4
fwAVG=2.41
sdW=282.3
fwW=2.47
sdS=144.3
fwS=2.42
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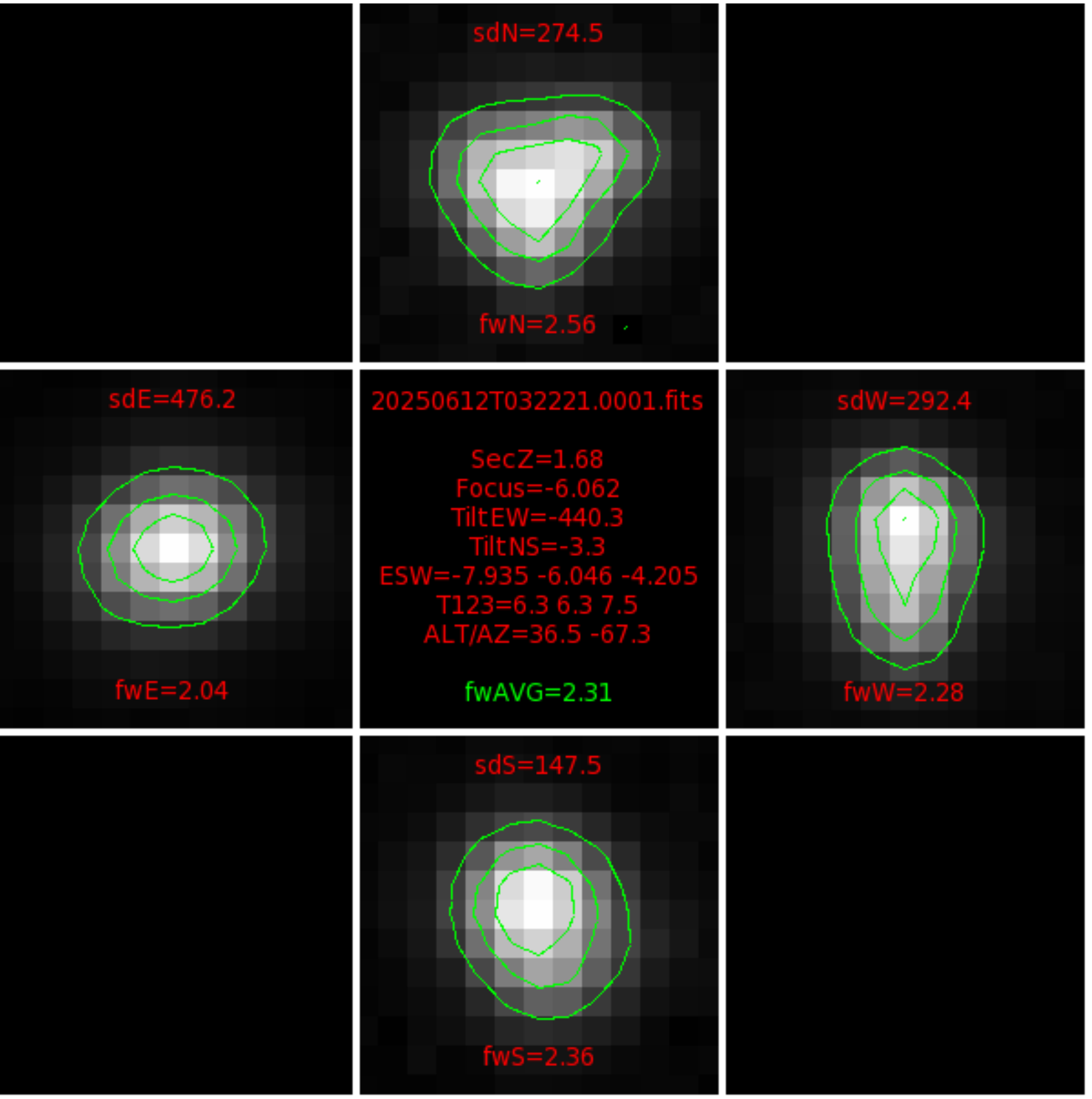
sdN=274.5
fwN=2.56
sdE=476.2
fwE=2.04
20250612T032221.0001.fits
SecZ=1.68
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.3 6.3 7.5
ALT/AZ=36.5 -67.3
fwAVG=2.31
sdW=292.4
fwW=2.28
sdS=147.5
fwS=2.36
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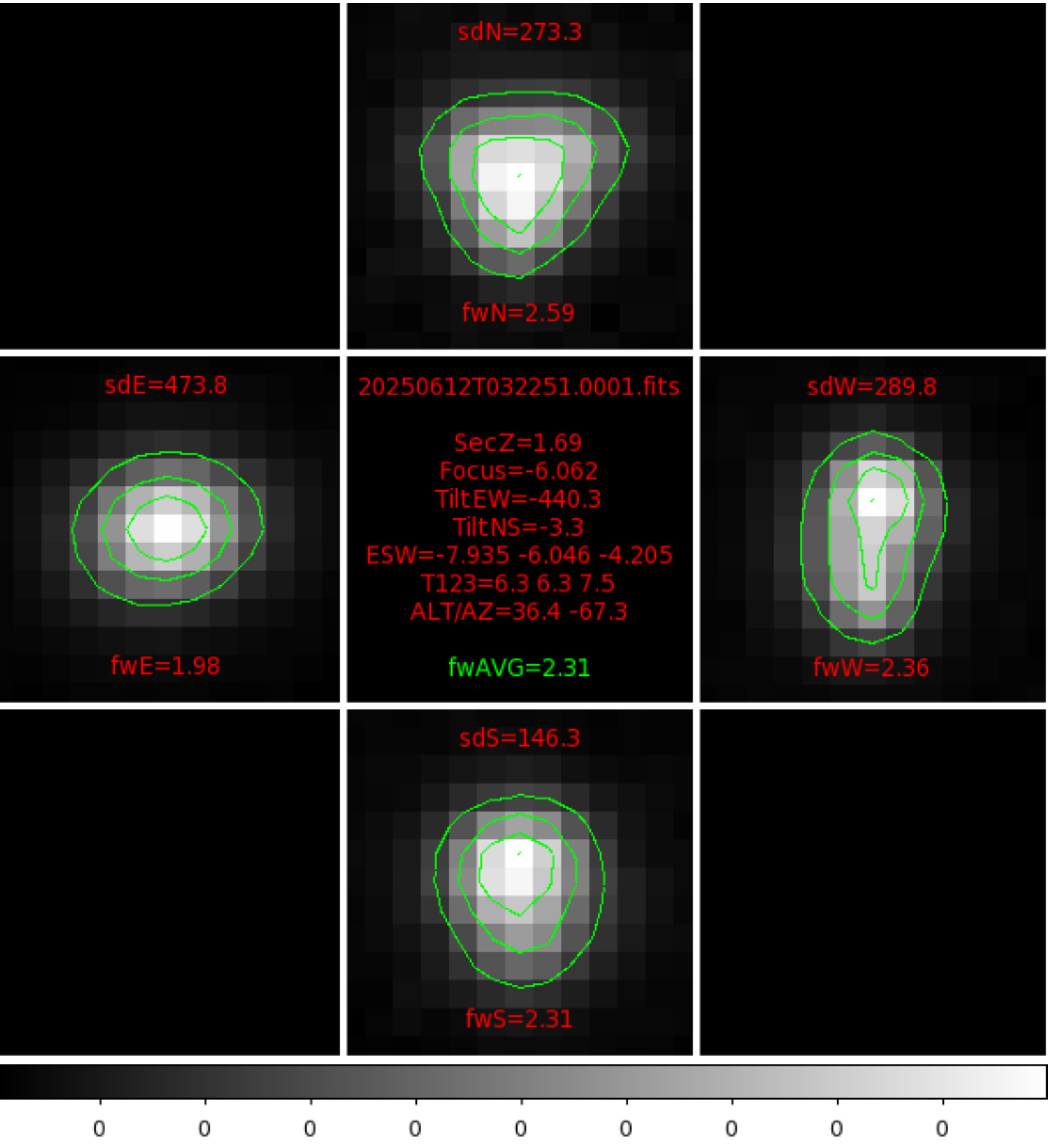
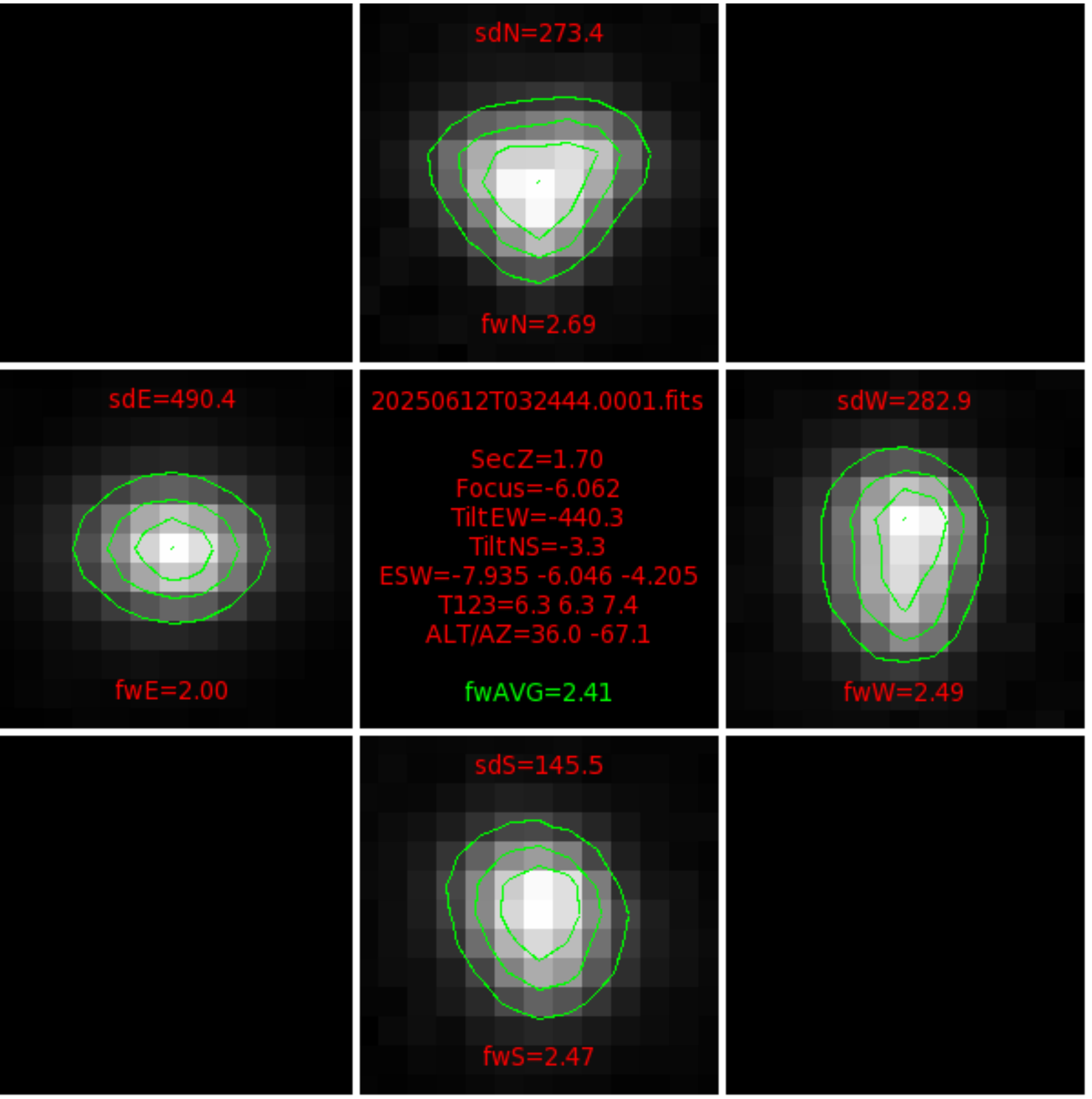

sdN=273.3
fwN=2.59
sdE=473.8
fwE=1.98
20250612T032251.0001.fits
SecZ=1.69
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.3 6.3 7.5
ALT/AZ=36.4 -67.3
fwAVG=2.31
sdW=289.8
fwW=2.36
sdS=146.3
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=273.4
fwN=2.69
sdE=490.4
fwE=2.00
20250612T032444.0001.fits
SecZ=1.70
Focus=-6.062
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.935 -6.046 -4.205
T123=6.3 6.3 7.4
ALT/AZ=36.0 -67.1
fwAVG=2.41
sdW=282.9
fwW=2.49
sdS=145.5
fwS=2.47
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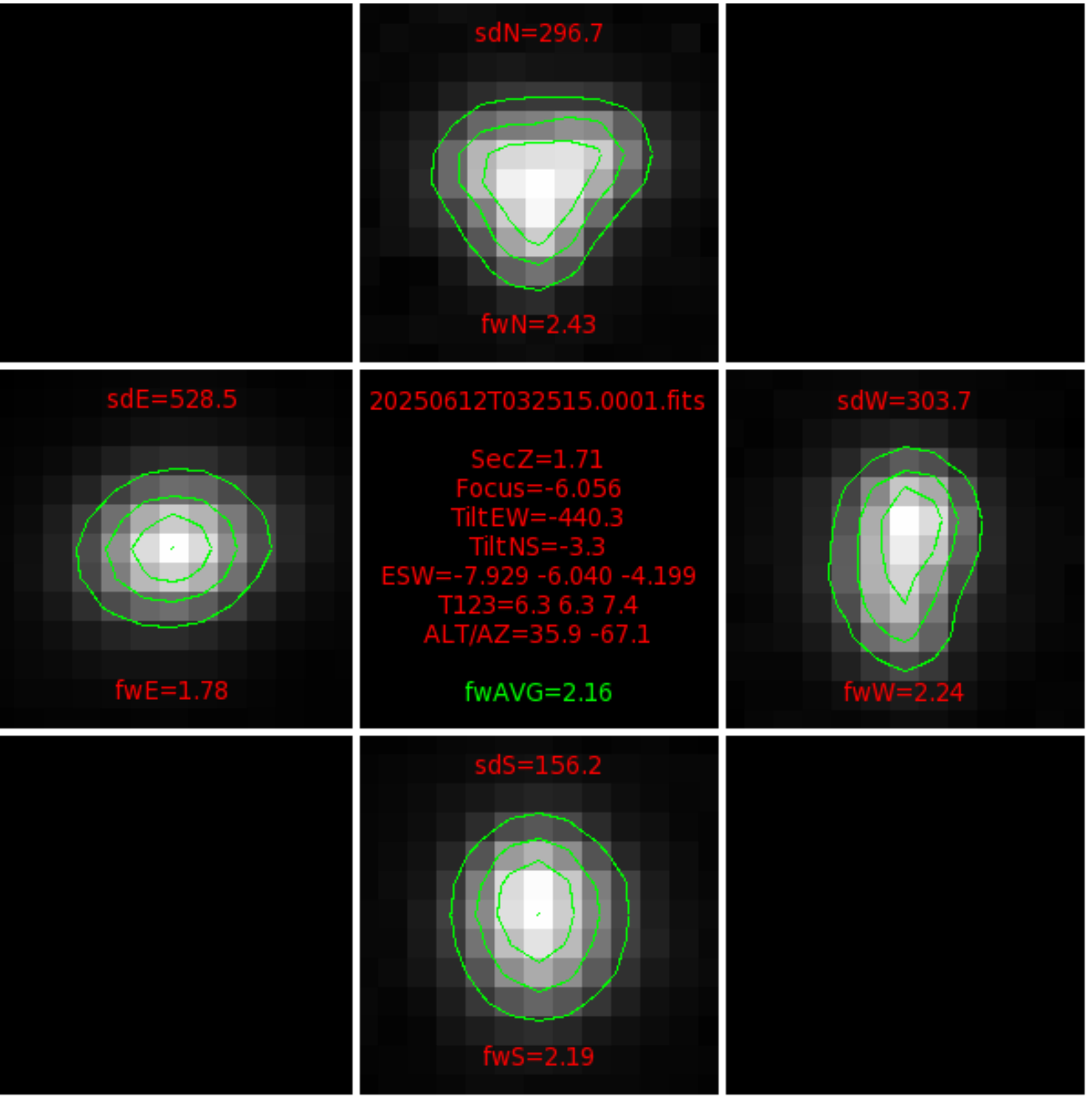
sdN=296.7
fwN=2.43
sdE=528.5
fwE=1.78
20250612T032515.0001.fits
SecZ=1.71
Focus=-6.056
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.929 -6.040 -4.199
T123=6.3 6.3 7.4
ALT/AZ=35.9 -67.1
fwAVG=2.16
sdW=303.7
fwW=2.24
sdS=156.2
fwS=2.19
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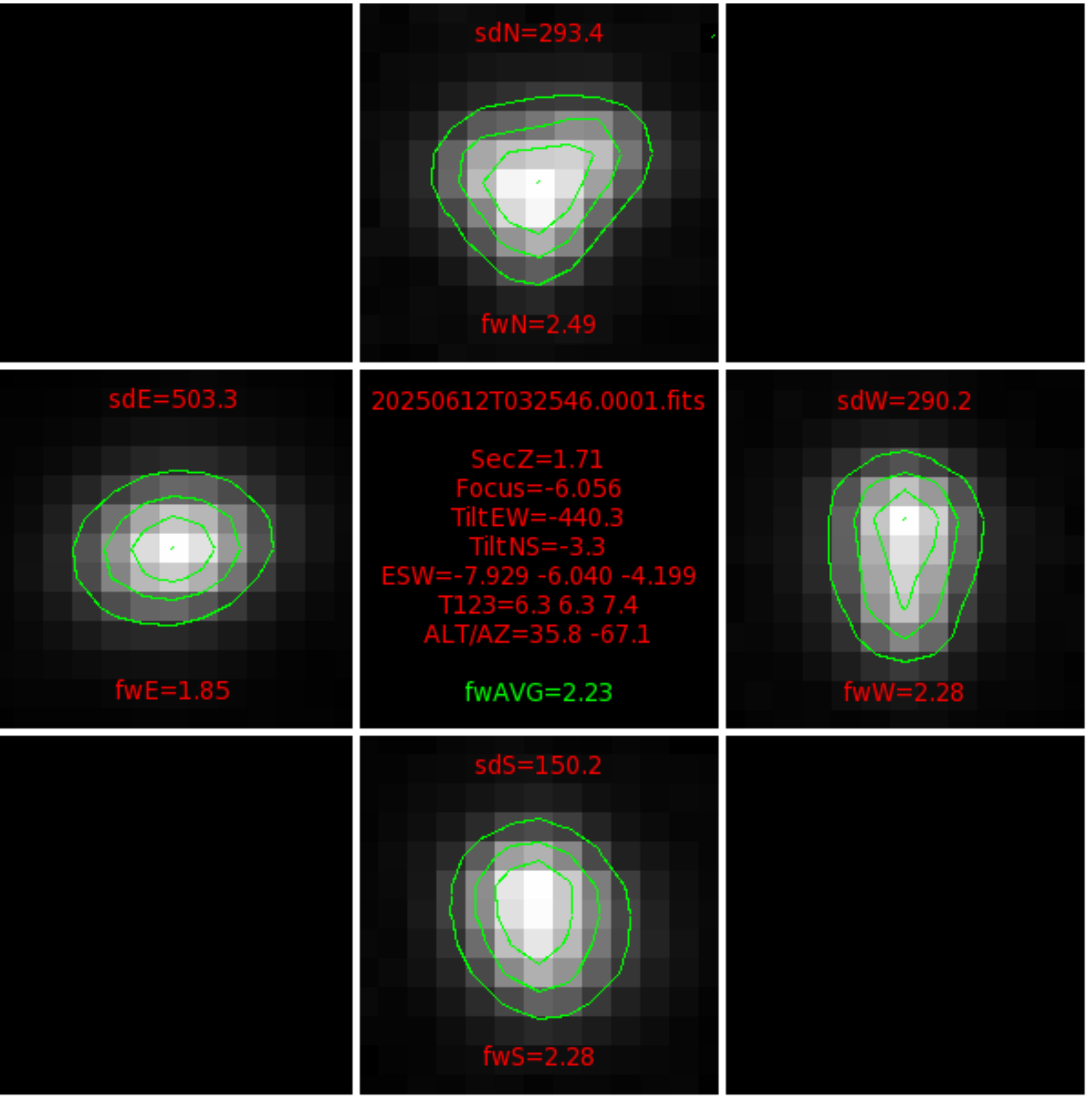
sdN=293.4
fwN=2.49
sdE=503.3
fwE=1.85
20250612T032546.0001.fits
SecZ=1.71
Focus=-6.056
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.929 -6.040 -4.199
T123=6.3 6.3 7.4
ALT/AZ=35.8 -67.1
fwAVG=2.23
sdW=290.2
fwW=2.28
sdS=150.2
fwS=2.28
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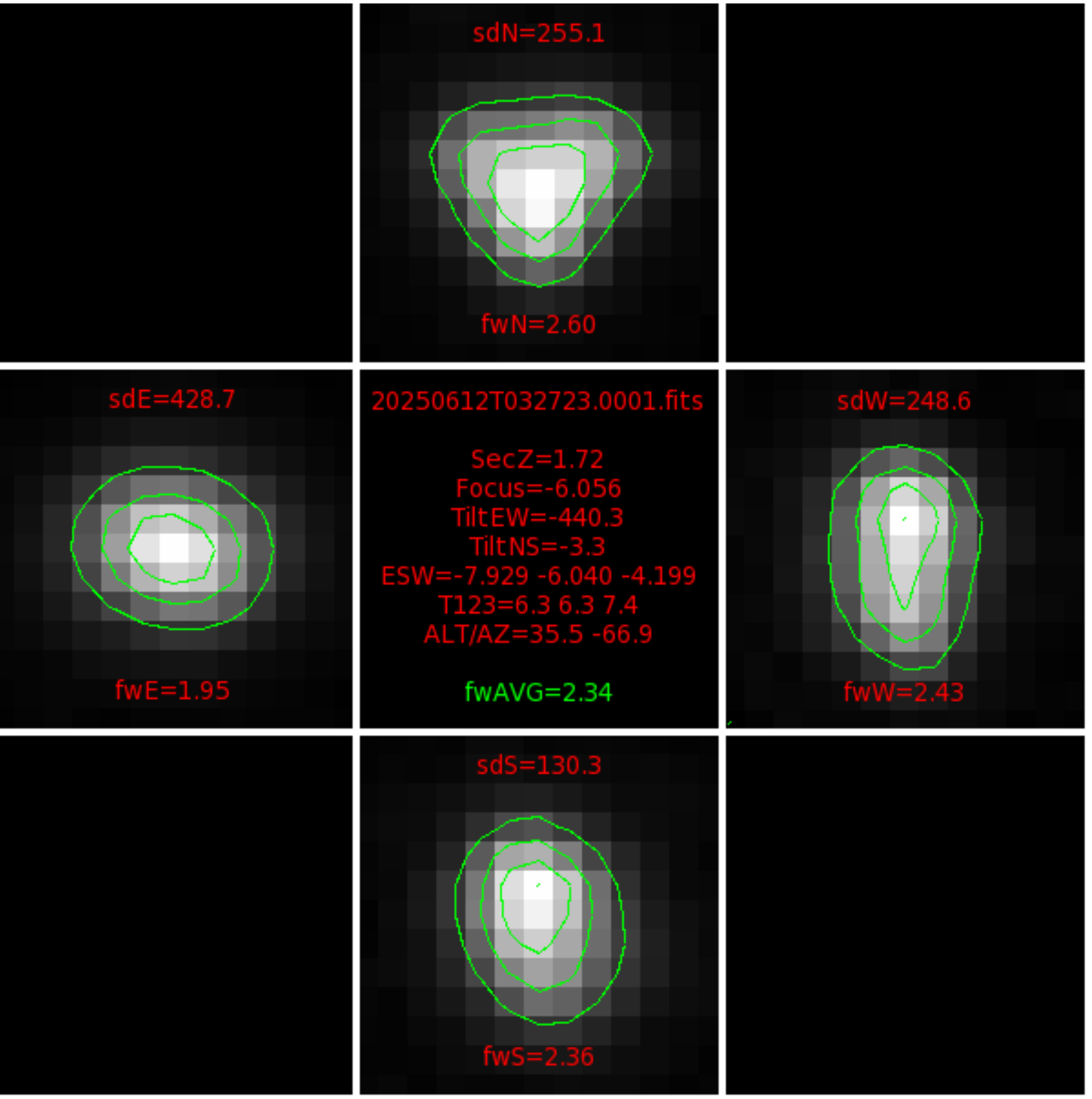
sdN=255.1
fwN=2.60
sdE=428.7
fwE=1.95
20250612T032723.0001.fits
SecZ=1.72
Focus=-6.056
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.929 -6.040 -4.199
T123=6.3 6.3 7.4
ALT/AZ=35.5 -66.9
fwAVG=2.34
sdW=248.6
fwW=2.43
sdS=130.3
fwS=2.36
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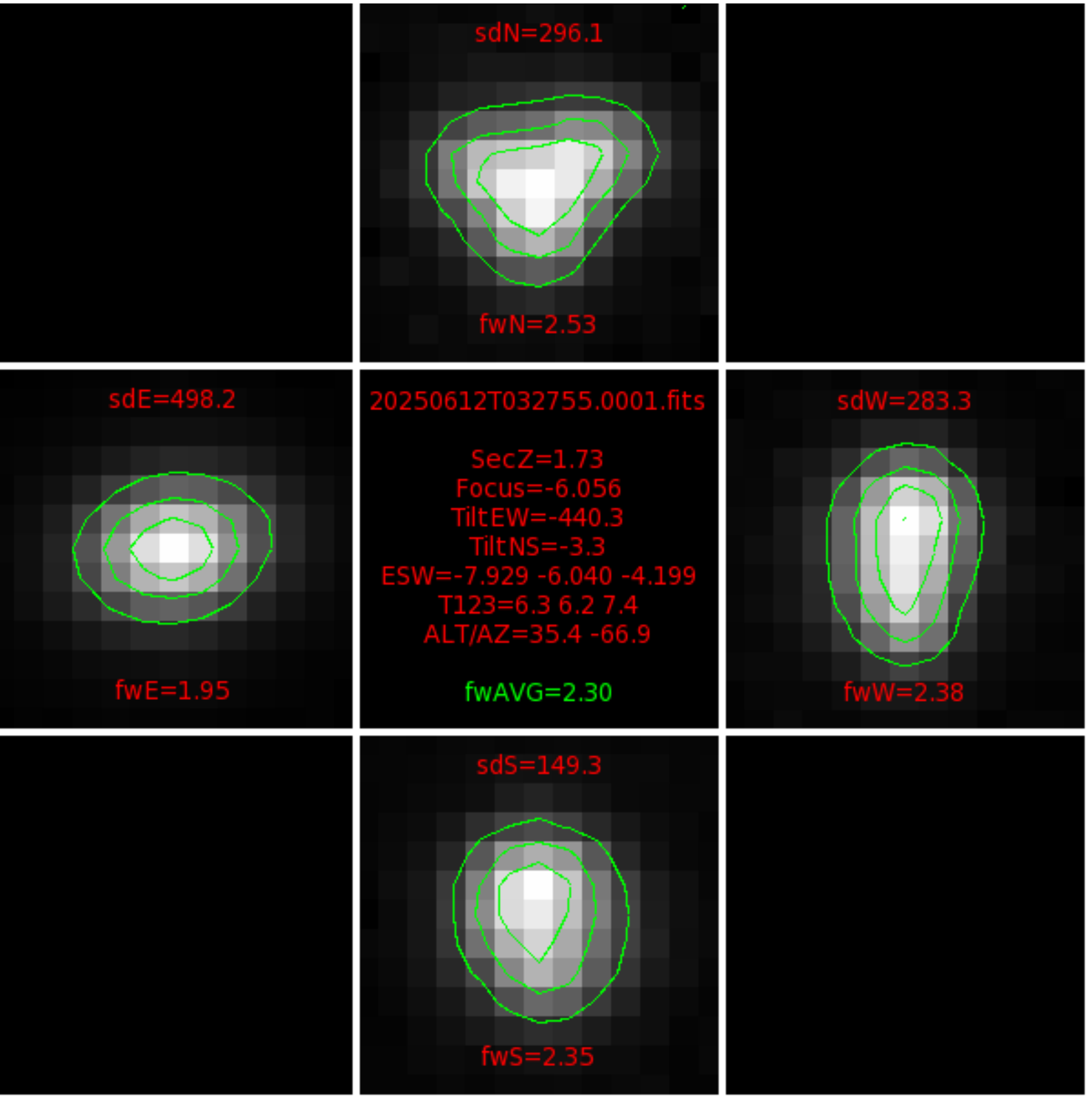
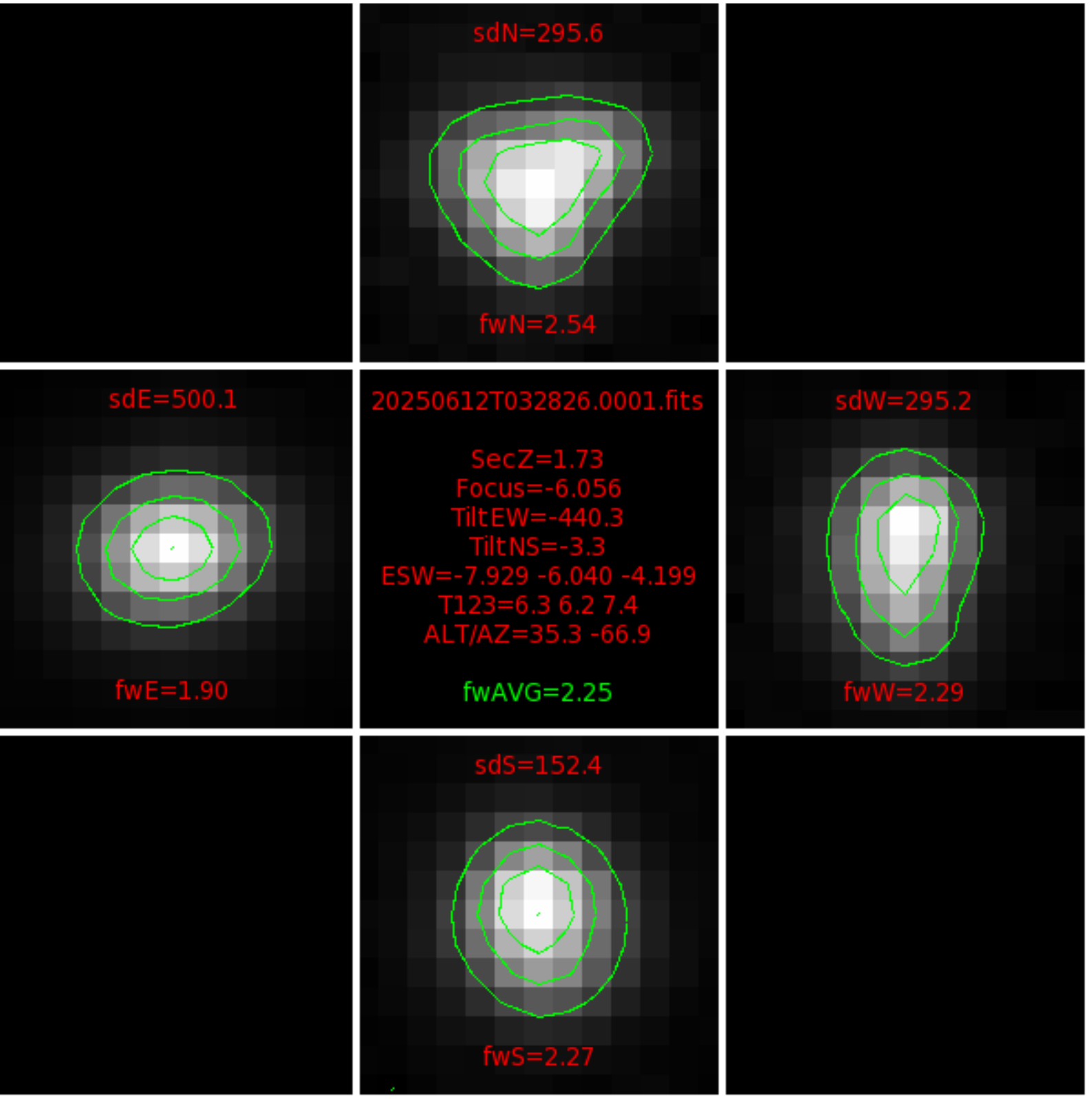

sdN=296.1
fwN=2.53
sdE=498.2
fwE=1.95
20250612T032755.0001.fits
SecZ=1.73
Focus=-6.056
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.929 -6.040 -4.199
T123=6.3 6.2 7.4
ALT/AZ=35.4 -66.9
fwAVG=2.30
sdW=283.3
fwW=2.38
sdS=149.3
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=295.6
fwN=2.54
sdE=500.1
fwE=1.90
20250612T032826.0001.fits
SecZ=1.73
Focus=-6.056
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.929 -6.040 -4.199
T123=6.3 6.2 7.4
ALT/AZ=35.3 -66.9
fwAVG=2.25
sdW=295.2
fwW=2.29
sdS=152.4
fwS=2.27
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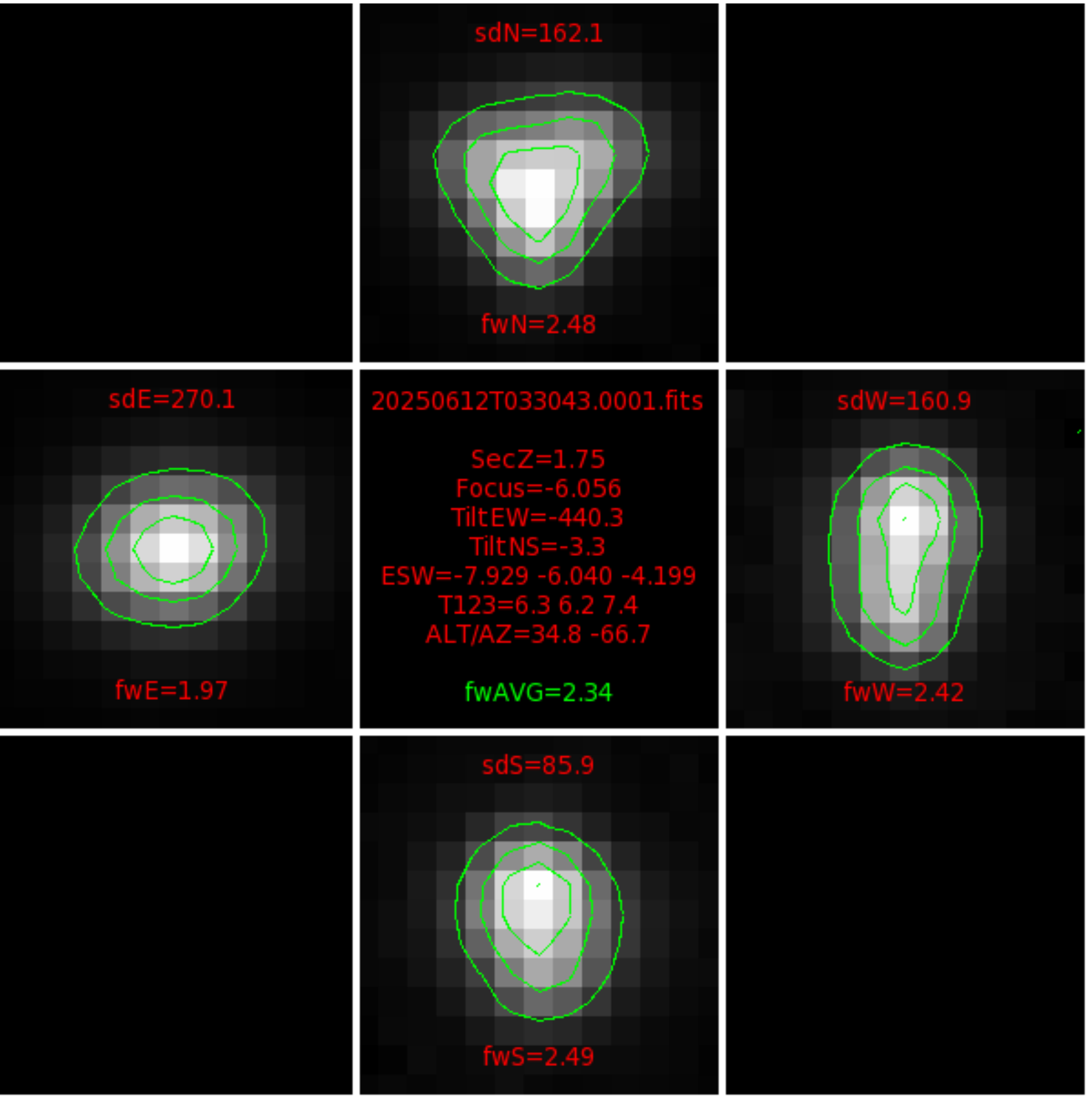
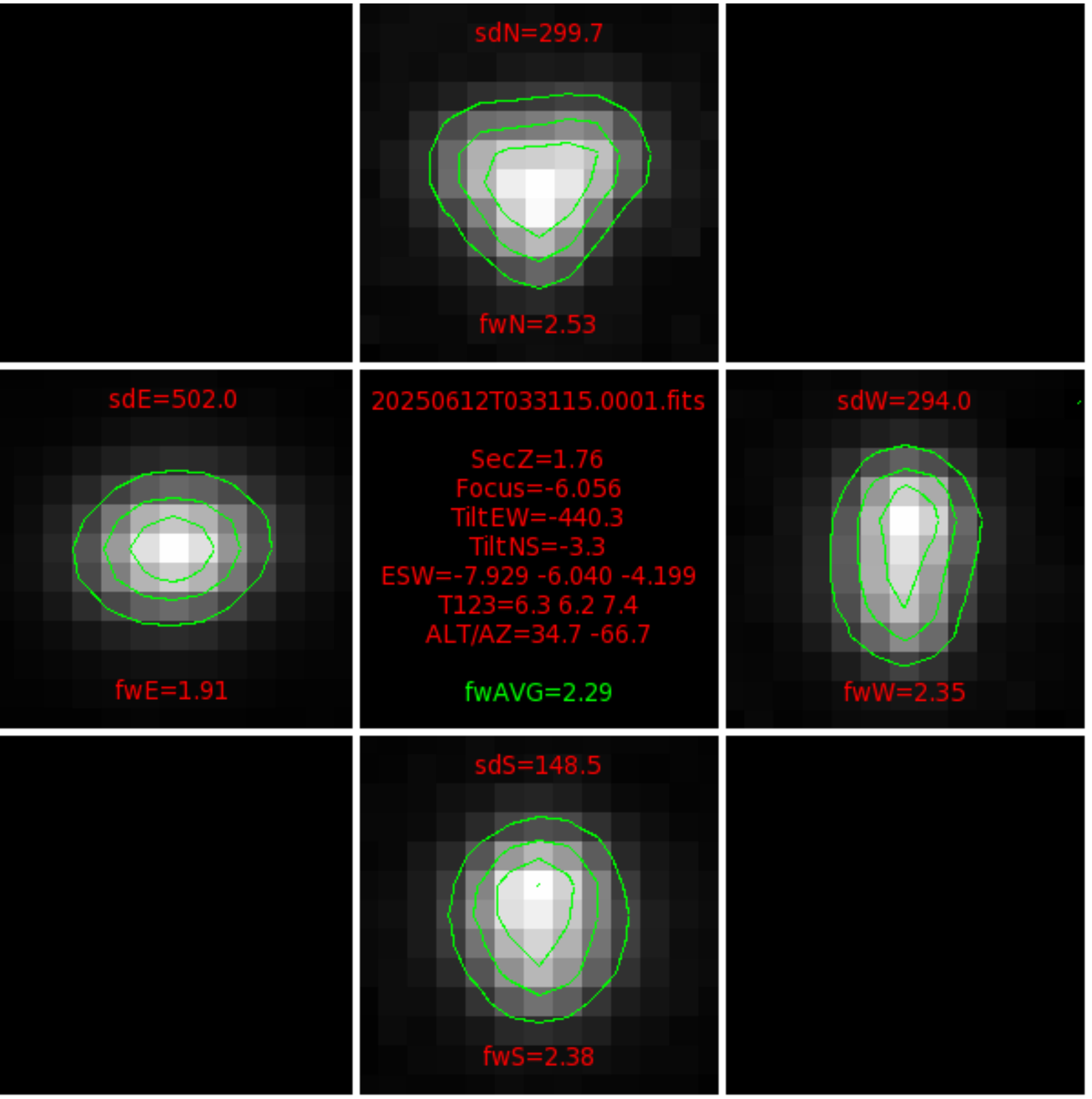
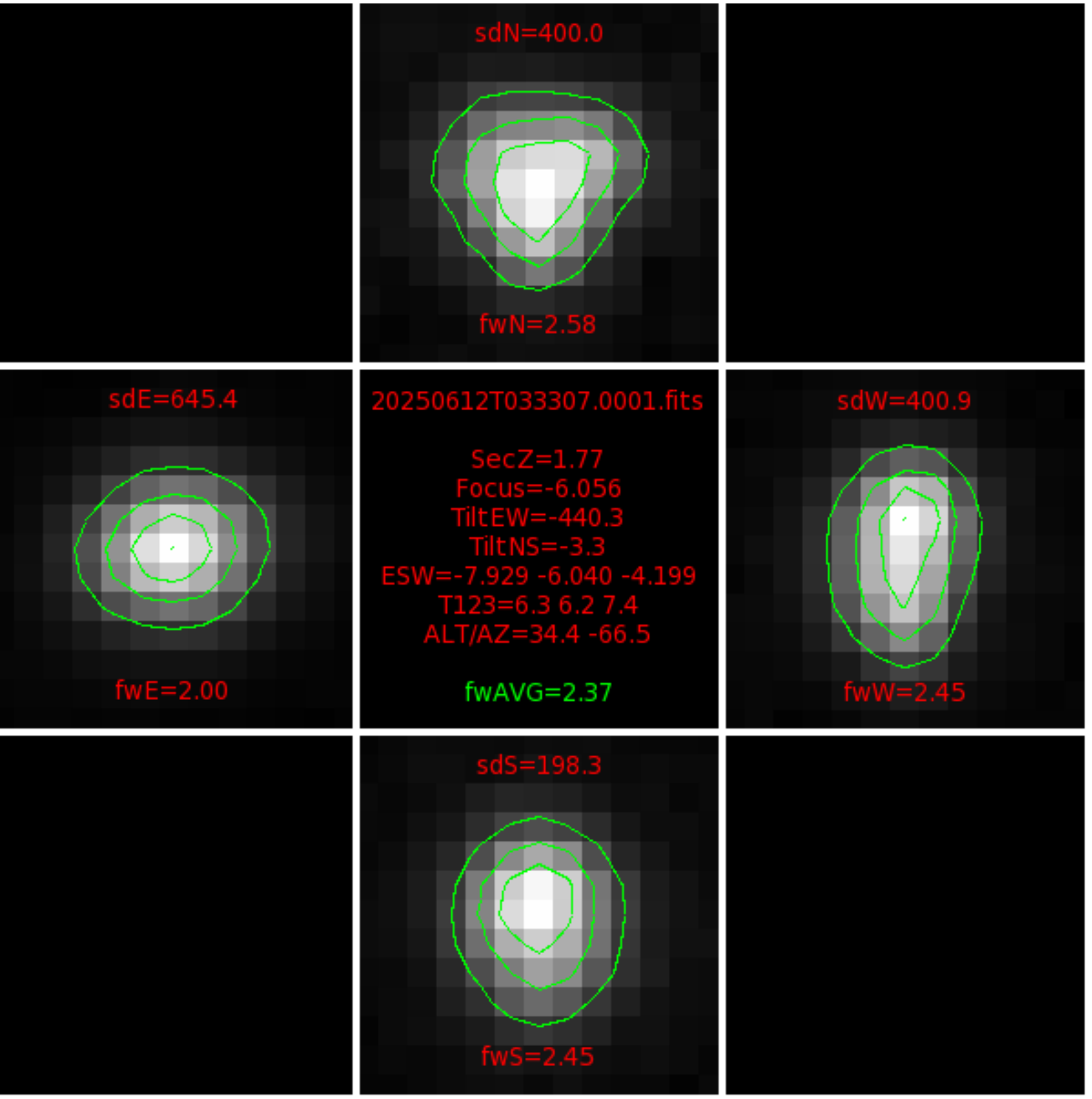

sdN=162.1
fwN=2.48
sdE=270.1
fwE=1.97
20250612T033043.0001.fits
SecZ=1.75
Focus=-6.056
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.929 -6.040 -4.199
T123=6.3 6.2 7.4
ALT/AZ=34.8 -66.7
fwAVG=2.34
sdW=160.9
fwW=2.42
sdS=85.9
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=299.7
fwN=2.53
sdE=502.0
fwE=1.91
20250612T033115.0001.fits
SecZ=1.76
Focus=-6.056
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.929 -6.040 -4.199
T123=6.3 6.2 7.4
ALT/AZ=34.7 -66.7
fwAVG=2.29
sdW=294.0
fwW=2.35
sdS=148.5
fwS=2.38
0 0 0 0 0 0 0 0 0


sdN=400.0
fwN=2.58
sdE=645.4
fwE=2.00
20250612T033307.0001.fits
SecZ=1.77
Focus=-6.056
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.929 -6.040 -4.199
T123=6.3 6.2 7.4
ALT/AZ=34.4 -66.5
fwAVG=2.37
sdW=400.9
fwW=2.45
sdS=198.3
fwS=2.45
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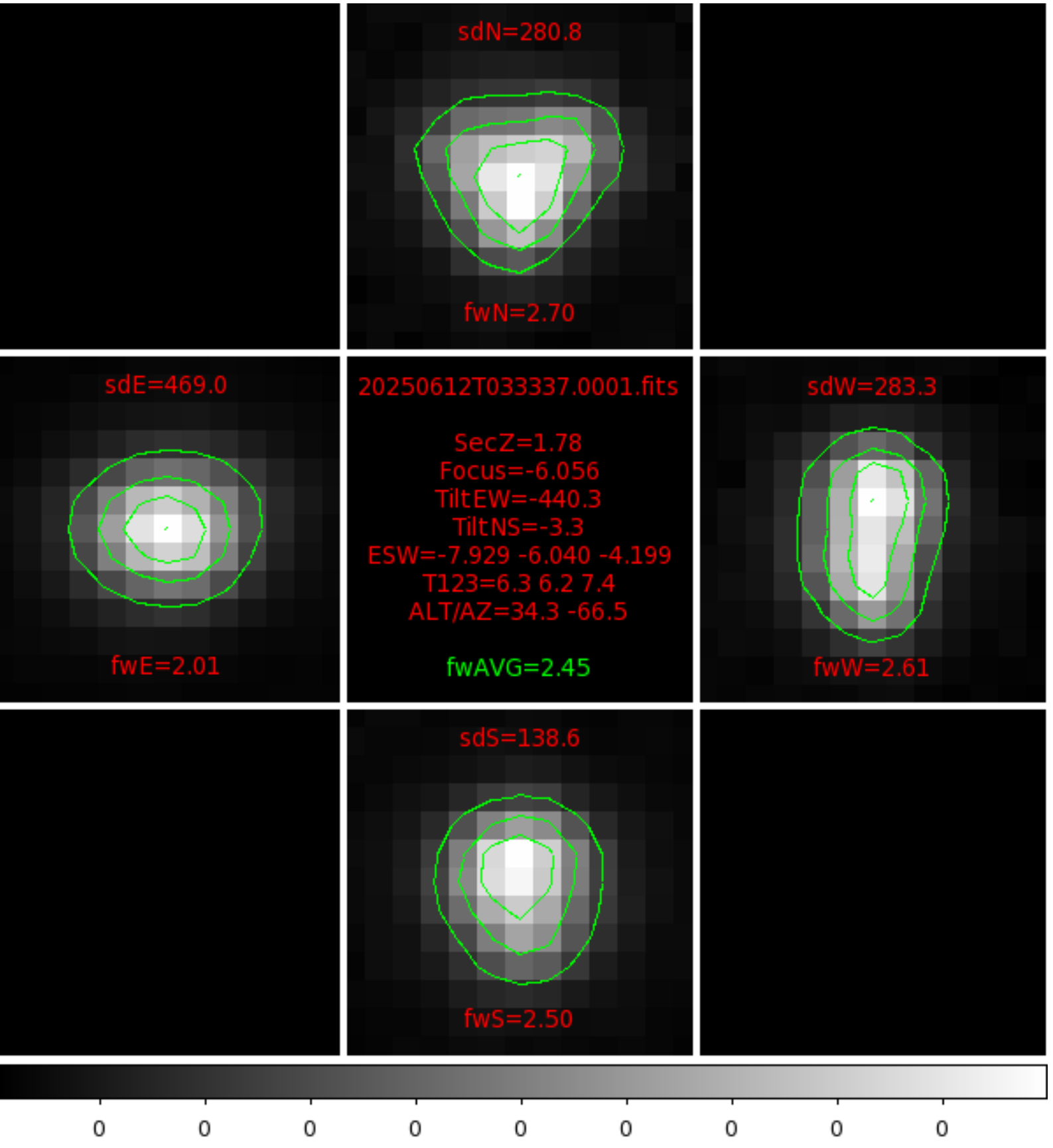
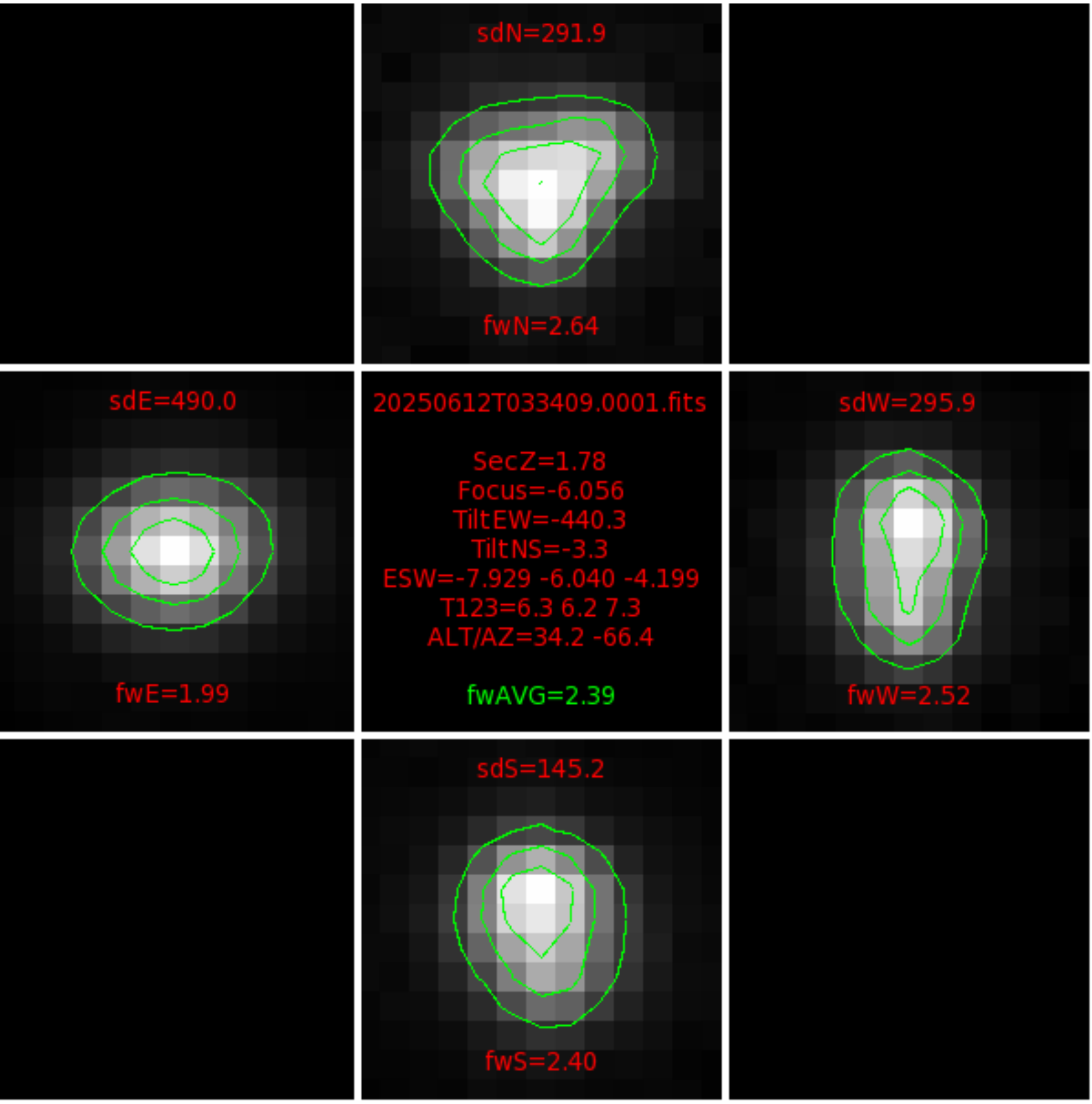

sdN=280.8
fwN=2.70
sdE=469.0
fwE=2.01
20250612T033337.0001.fits
SecZ=1.78
Focus=-6.056
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.929 -6.040 -4.199
T123=6.3 6.2 7.4
ALT/AZ=34.3 -66.5
fwAVG=2.45
sdW=283.3
fwW=2.61
sdS=138.6
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=291.9
fwN=2.64
sdE=490.0
fwE=1.99
20250612T033409.0001.fits
SecZ=1.78
Focus=-6.056
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.929 -6.040 -4.199
T123=6.3 6.2 7.3
ALT/AZ=34.2 -66.4
fwAVG=2.39
sdW=295.9
fwW=2.52
sdS=145.2
fwS=2.40
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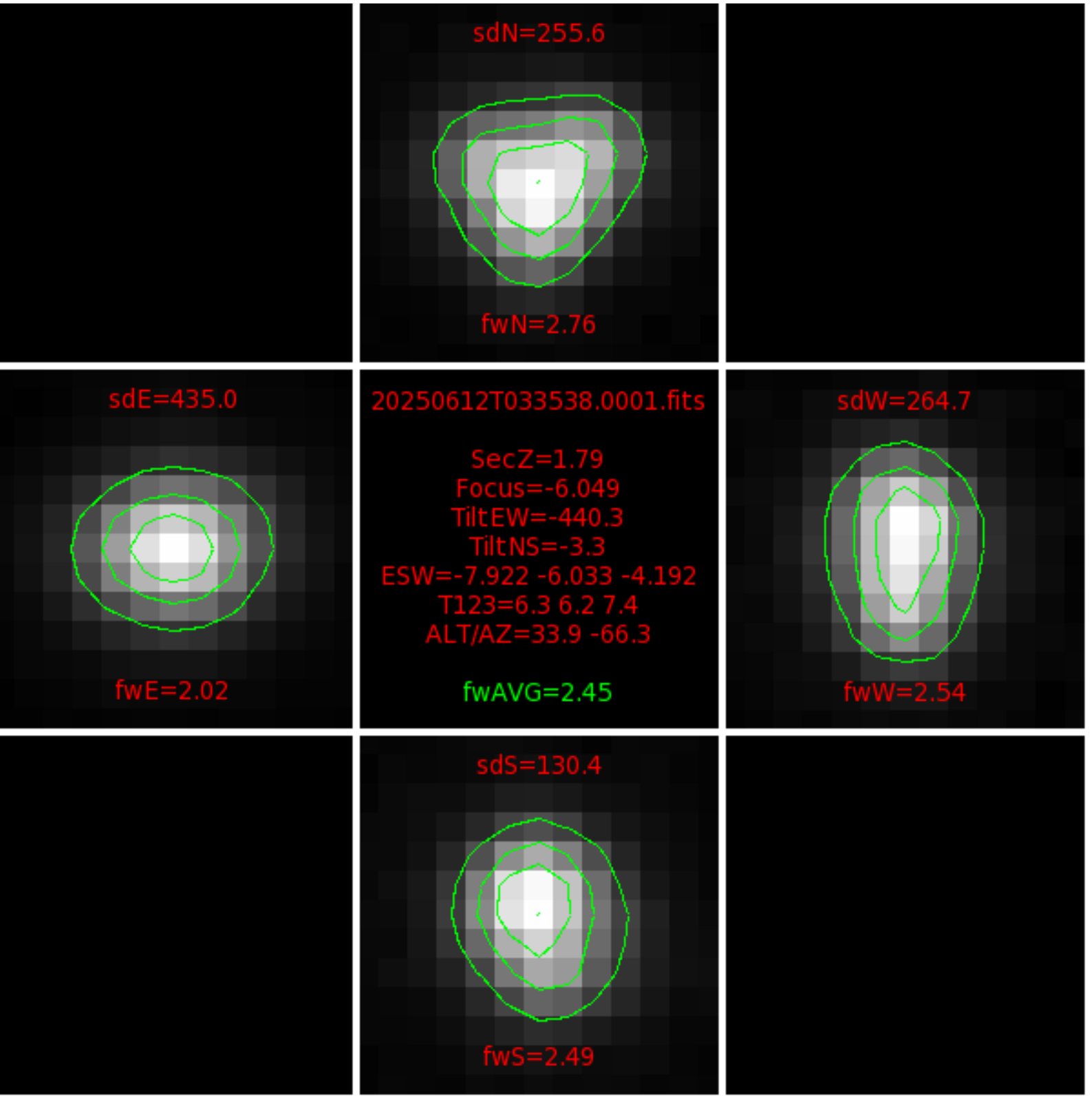
sdN=255.6
fwN=2.76
sdE=435.0
fwE=2.02
20250612T033538.0001.fits
SecZ=1.79
Focus=-6.049
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.922 -6.033 -4.192
T123=6.3 6.2 7.4
ALT/AZ=33.9 -66.3
fwAVG=2.45
sdW=264.7
fwW=2.54
sdS=130.4
fwS=2.49
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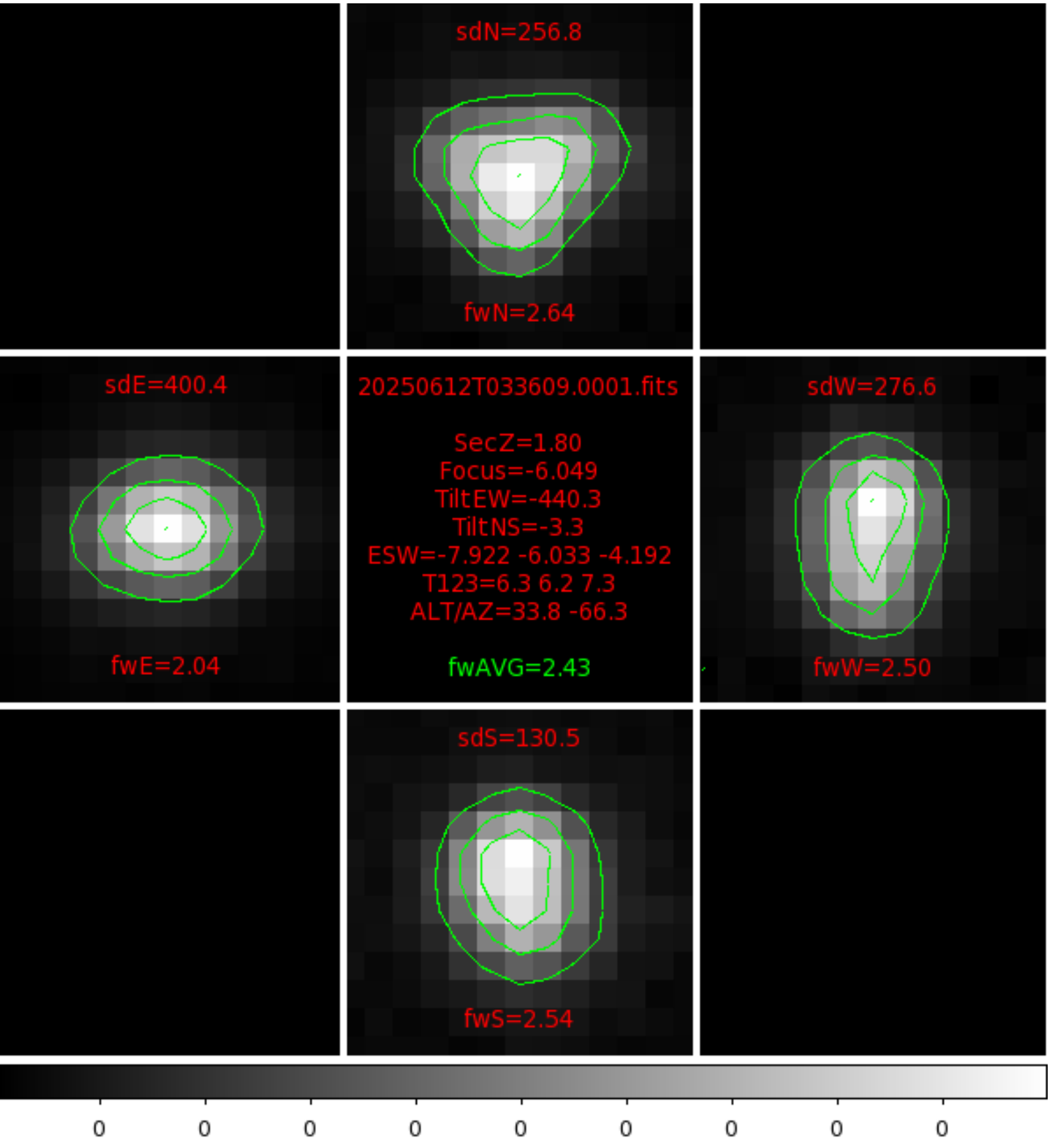
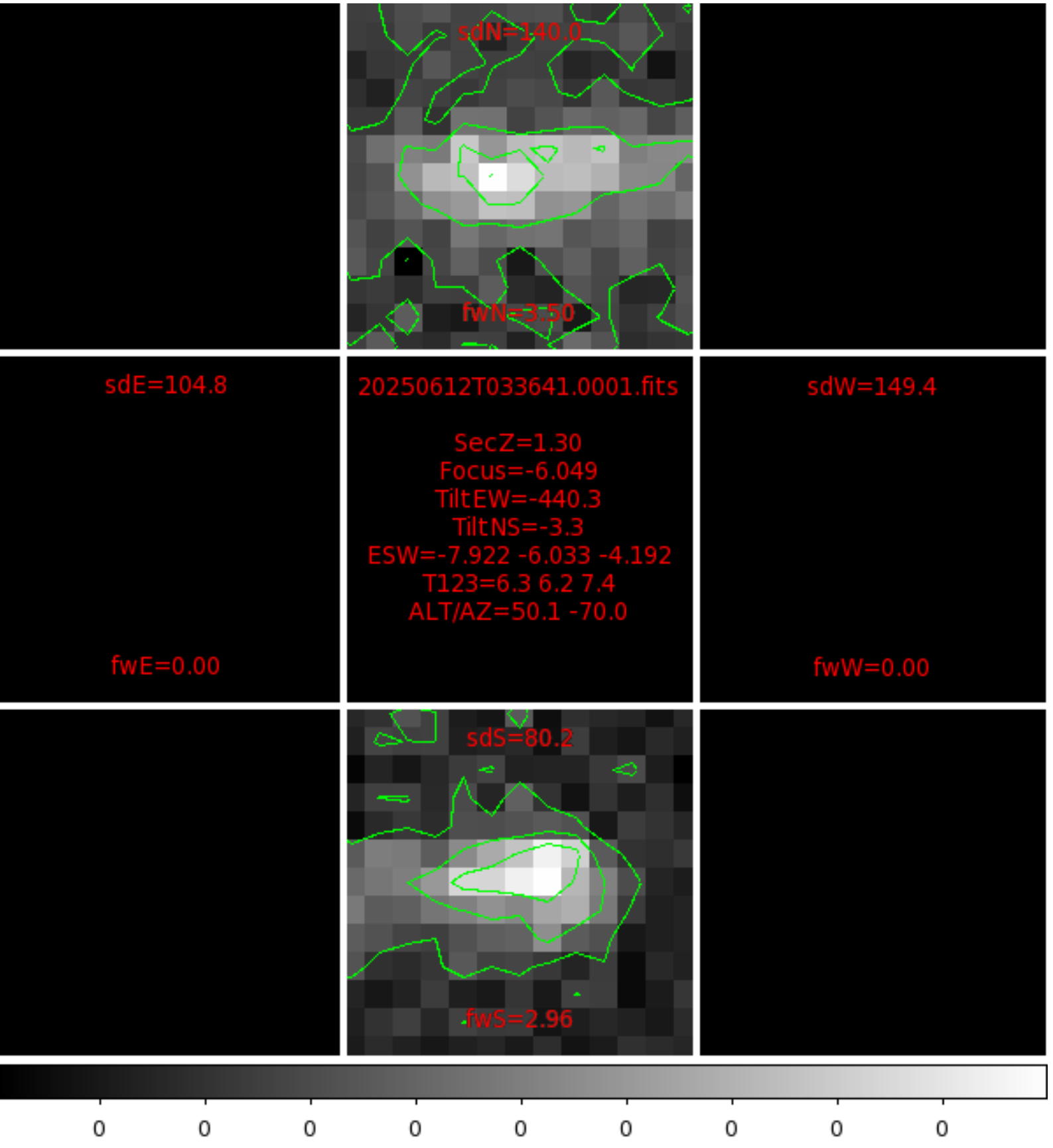
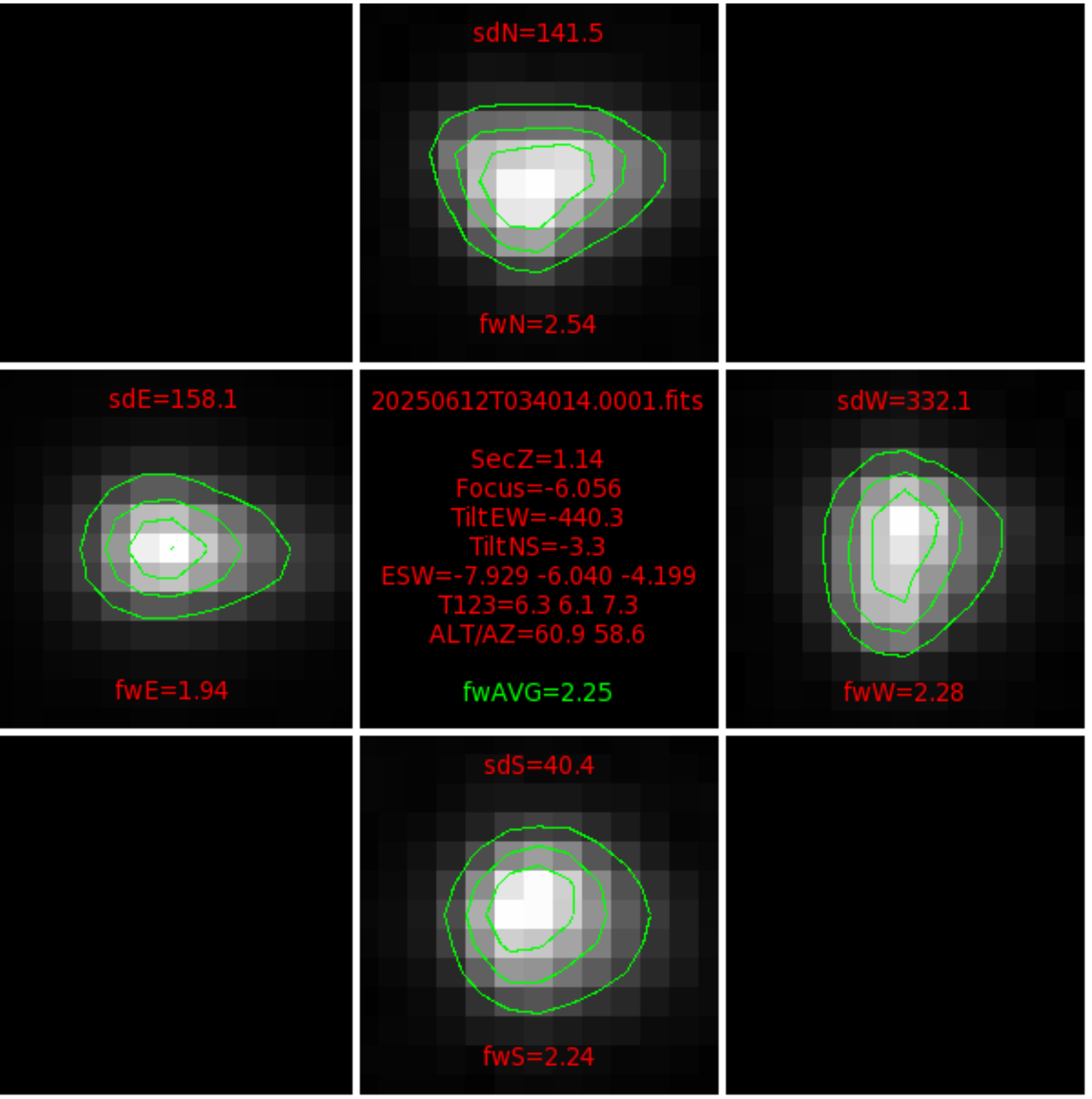

sdN=256.8
fwN=2.64
sdE=400.4
fwE=2.04
20250612T033609.0001.fits
SecZ=1.80
Focus=-6.049
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.922 -6.033 -4.192
T123=6.3 6.2 7.3
ALT/AZ=33.8 -66.3
fwAVG=2.43
sdW=276.6
fwW=2.50
sdS=130.5
fwS=2.54
0 0 0 0 0 0 0 0 0


sdN=140.0
fwN=3.50
sdE=104.8
20250612T033641.0001.fits
SecZ=1.30
Focus=-6.049
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.922 -6.033 -4.192
T123=6.3 6.2 7.4
ALT/AZ=50.1 -70.0
sdW=149.4
fwE=0.00
fwW=0.00
sdS=80.2
fwS=2.96
0 0 0 0 0 0 0 0 0


sdN=141.5
fwN=2.54
sdE=158.1
fwE=1.94
20250612T034014.0001.fits
SecZ=1.14
Focus=-6.056
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.929 -6.040 -4.199
T123=6.3 6.1 7.3
ALT/AZ=60.9 58.6
fwAVG=2.25
sdW=332.1
fwW=2.28
sdS=40.4
fwS=2.24
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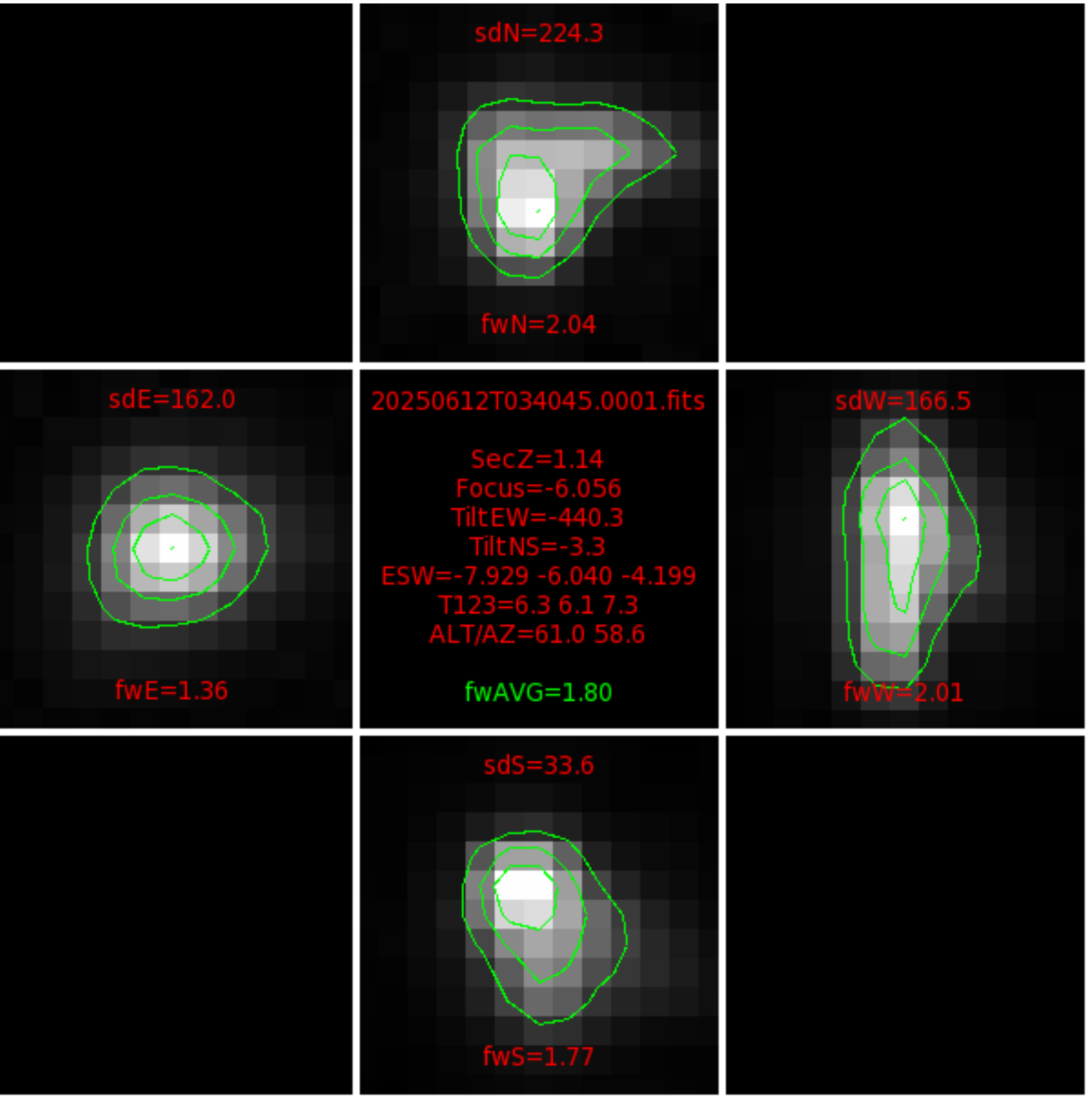
sdN=224.3
fwN=2.04
sdE=162.0
fwE=1.36
20250612T034045.0001.fits
SecZ=1.14
Focus=-6.056
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.929 -6.040 -4.199
T123=6.3 6.1 7.3
ALT/AZ=61.0 58.6
fwAVG=1.80
sdW=166.5
fwW=2.01
sdS=33.6
fwS=1.77
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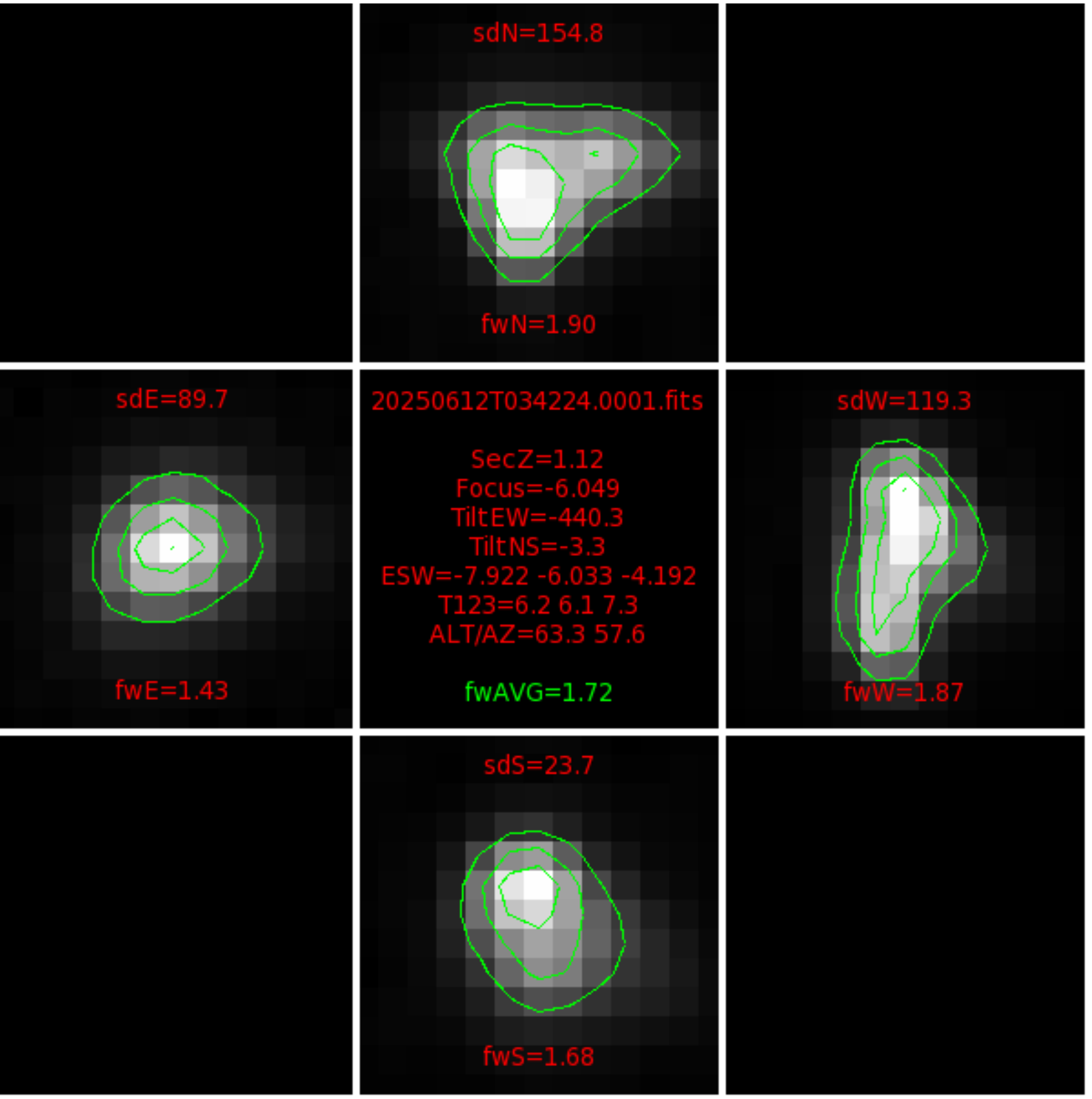
sdN=154.8
fwN=1.90
sdE=89.7
fwE=1.43
20250612T034224.0001.fits
SecZ=1.12
Focus=-6.049
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.922 -6.033 -4.192
T123=6.2 6.1 7.3
ALT/AZ=63.3 57.6
fwAVG=1.72
sdW=119.3
fwW=1.87
sdS=23.7
fwS=1.68
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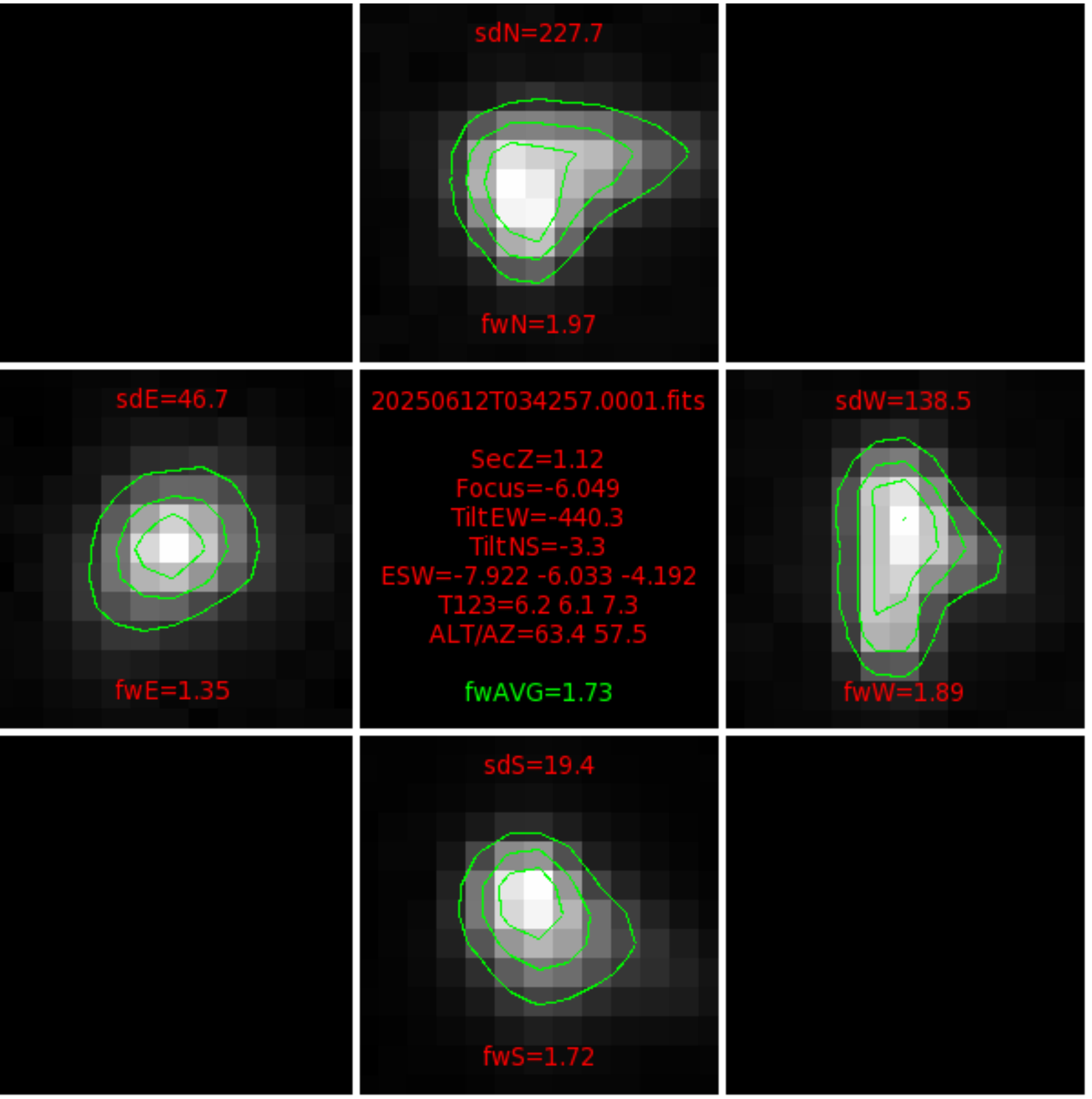
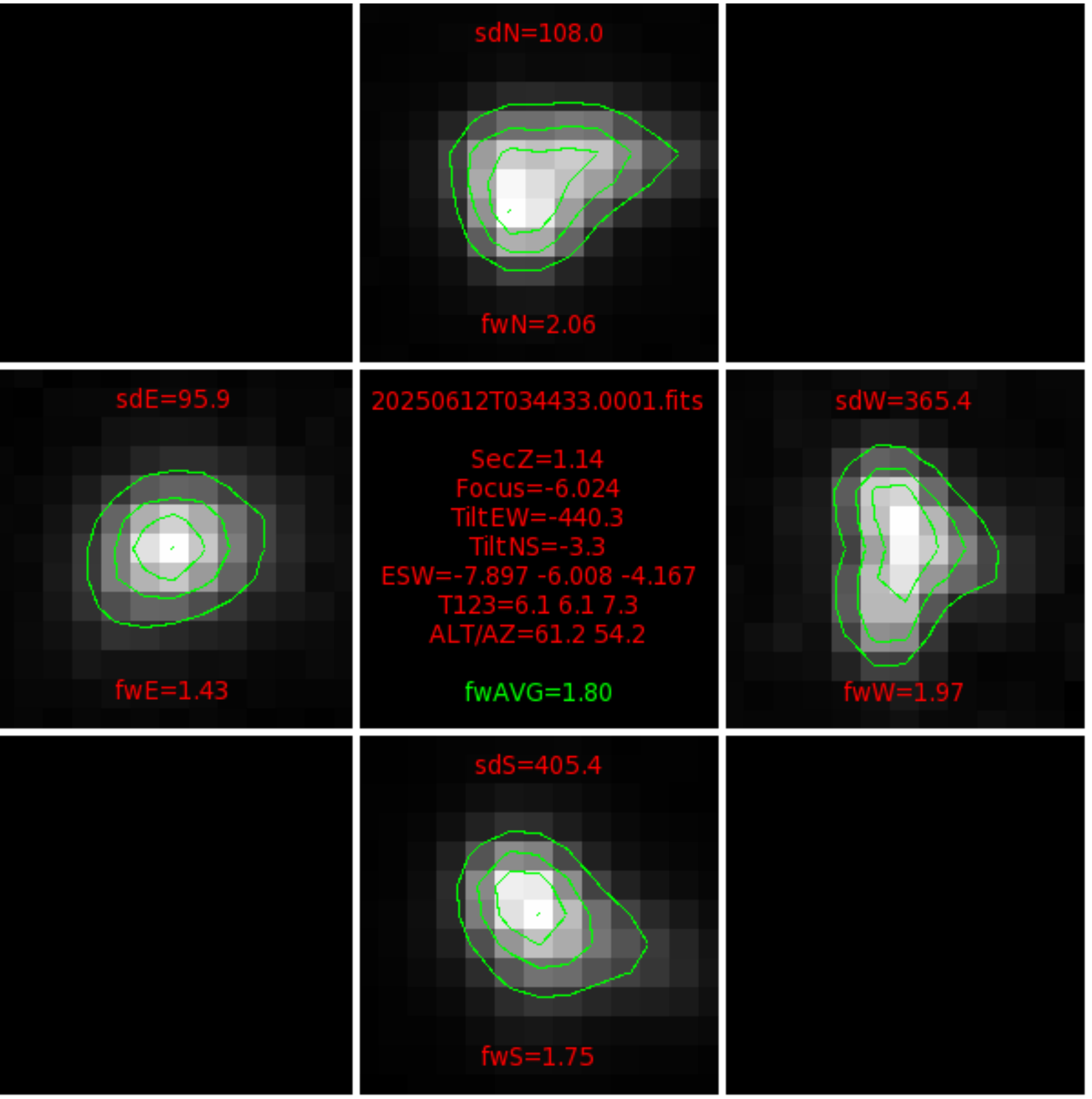

sdN=227.7
fwN=1.97
sdE=46.7
fwE=1.35
20250612T034257.0001.fits
SecZ=1.12
Focus=-6.049
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.922 -6.033 -4.192
T123=6.2 6.1 7.3
ALT/AZ=63.4 57.5
fwAVG=1.73
sdW=138.5
fwW=1.89
sdS=19.4
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=108.0
fwN=2.06
sdE=95.9
fwE=1.43
20250612T034433.0001.fits
SecZ=1.14
Focus=-6.024
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.897 -6.008 -4.167
T123=6.1 6.1 7.3
ALT/AZ=61.2 54.2
fwAVG=1.80
sdW=365.4
fwW=1.97
sdS=405.4
fwS=1.75
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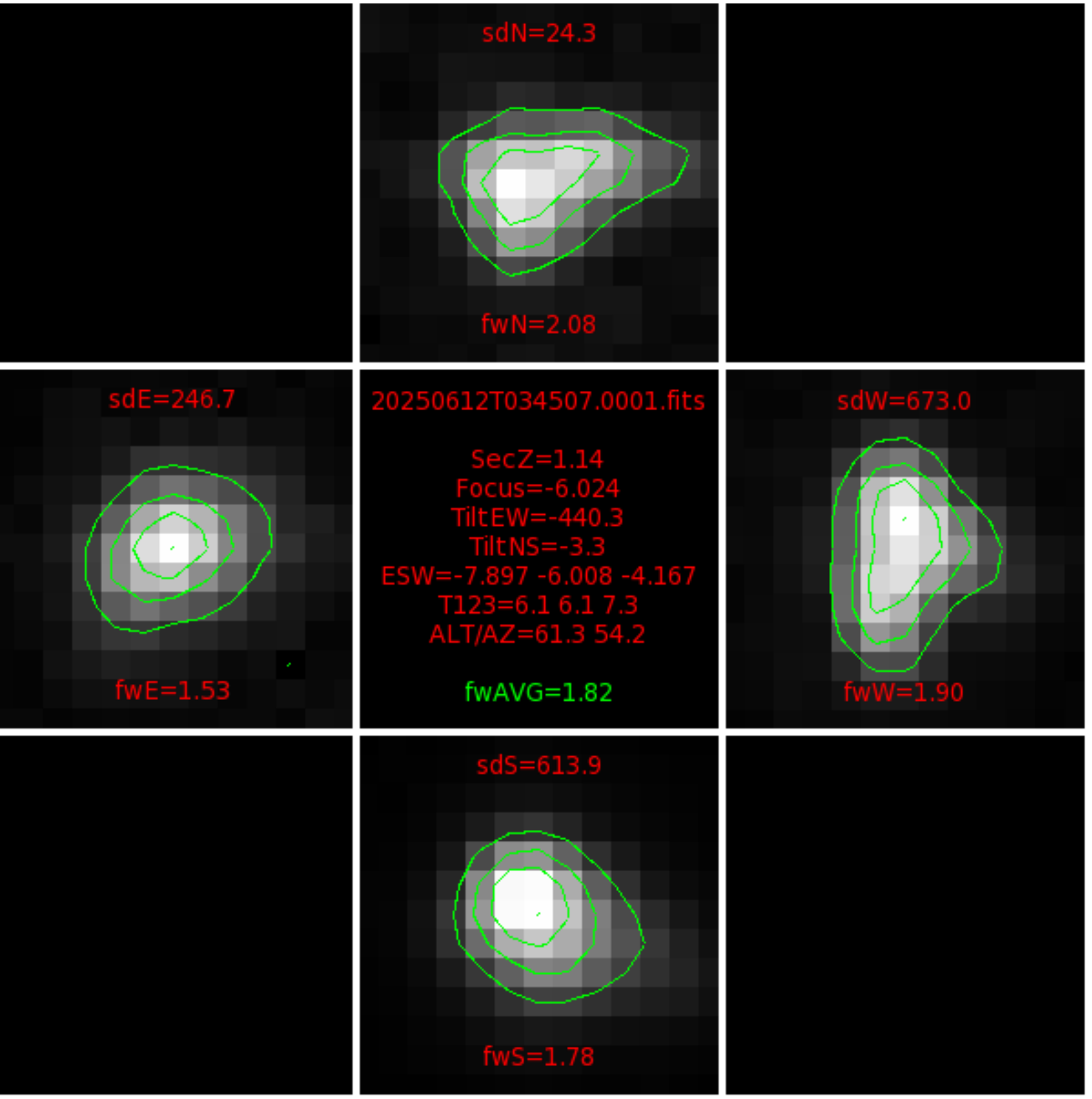
sdN=24.3
fwN=2.08
sdE=246.7
fwE=1.53
20250612T034507.0001.fits
SecZ=1.14
Focus=-6.024
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.897 -6.008 -4.167
T123=6.1 6.1 7.3
ALT/AZ=61.3 54.2
fwAVG=1.82
sdW=673.0
fwW=1.90
sdS=613.9
fwS=1.78
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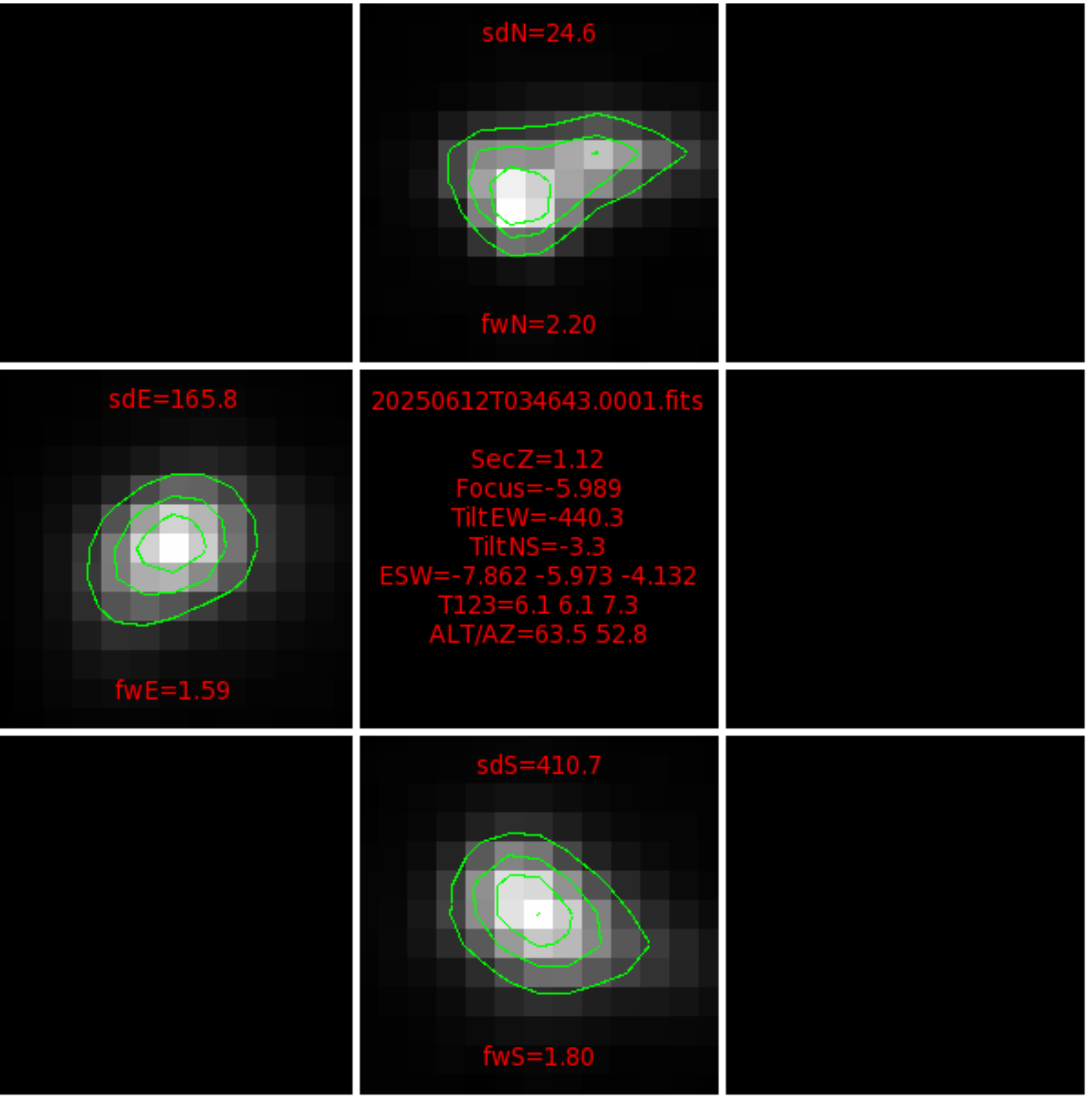
sdN=24.6
fwN=2.20
sdE=165.8
fwE=1.59
20250612T034643.0001.fits
SecZ=1.12
Focus=-5.989
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.862 -5.973 -4.132
T123=6.1 6.1 7.3
ALT/AZ=63.5 52.8
sdS=410.7
fwS=1.80
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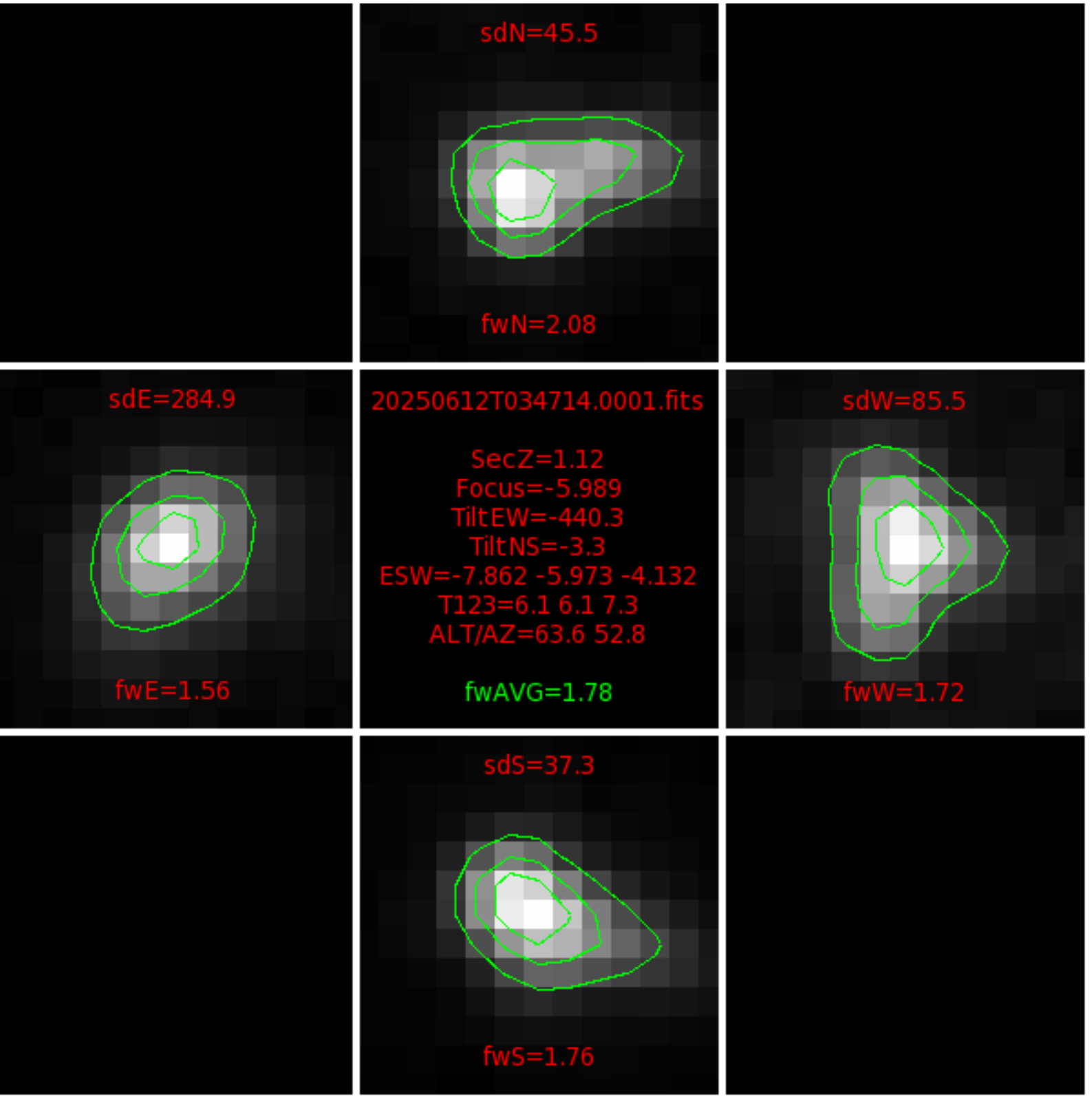
sdN=45.5
fwN=2.08
sdE=284.9
fwE=1.56
20250612T034714.0001.fits
SecZ=1.12
Focus=-5.989
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.862 -5.973 -4.132
T123=6.1 6.1 7.3
ALT/AZ=63.6 52.8
fwAVG=1.78
sdW=85.5
fwW=1.72
sdS=37.3
fwS=1.76
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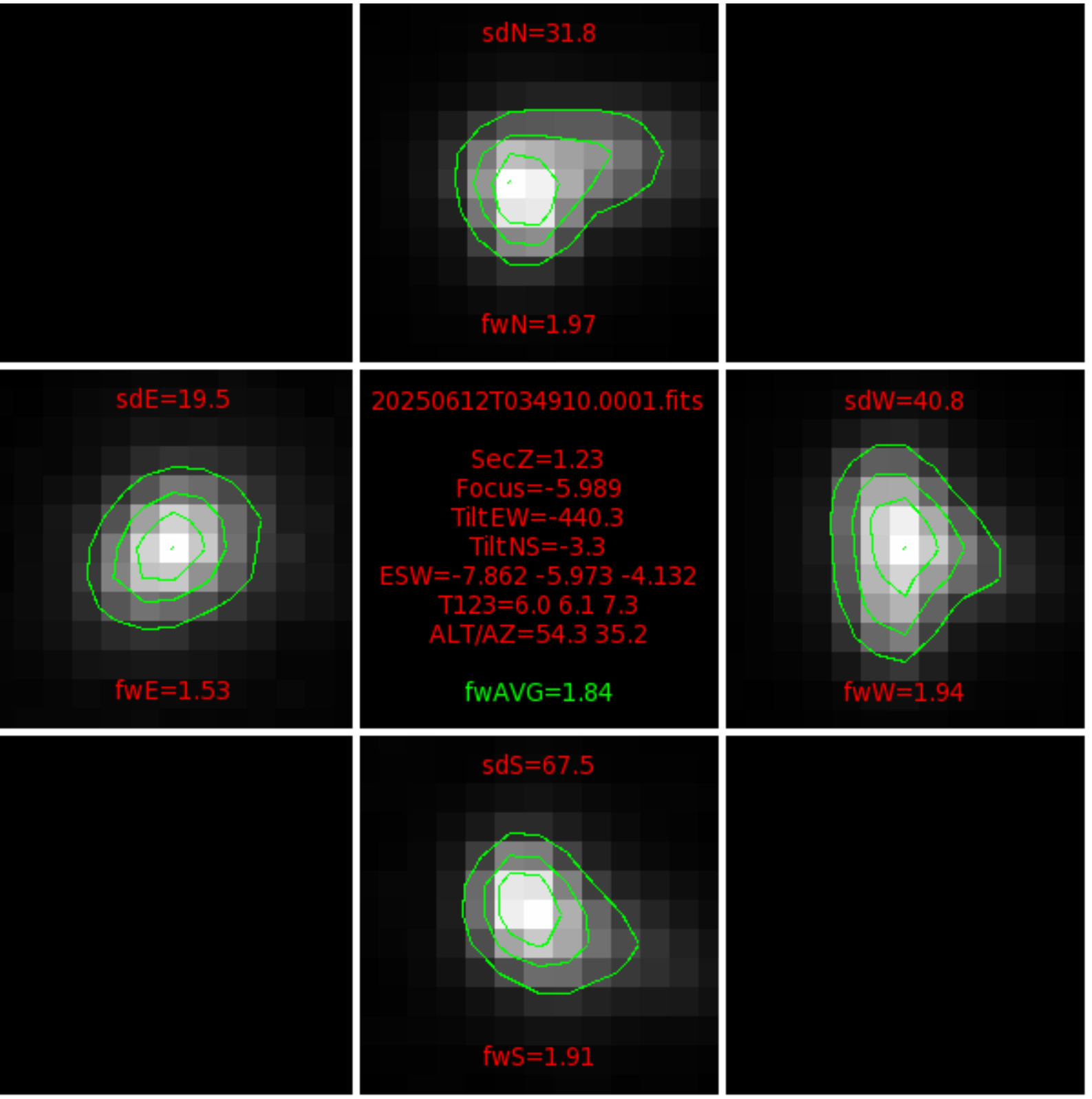
sdN=31.8
fwN=1.97
sdE=19.5
fwE=1.53
20250612T034910.0001.fits
SecZ=1.23
Focus=-5.989
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.862 -5.973 -4.132
T123=6.0 6.1 7.3
ALT/AZ=54.3 35.2
fwAVG=1.84
sdW=40.8
fwW=1.94
sdS=67.5
fwS=1.91
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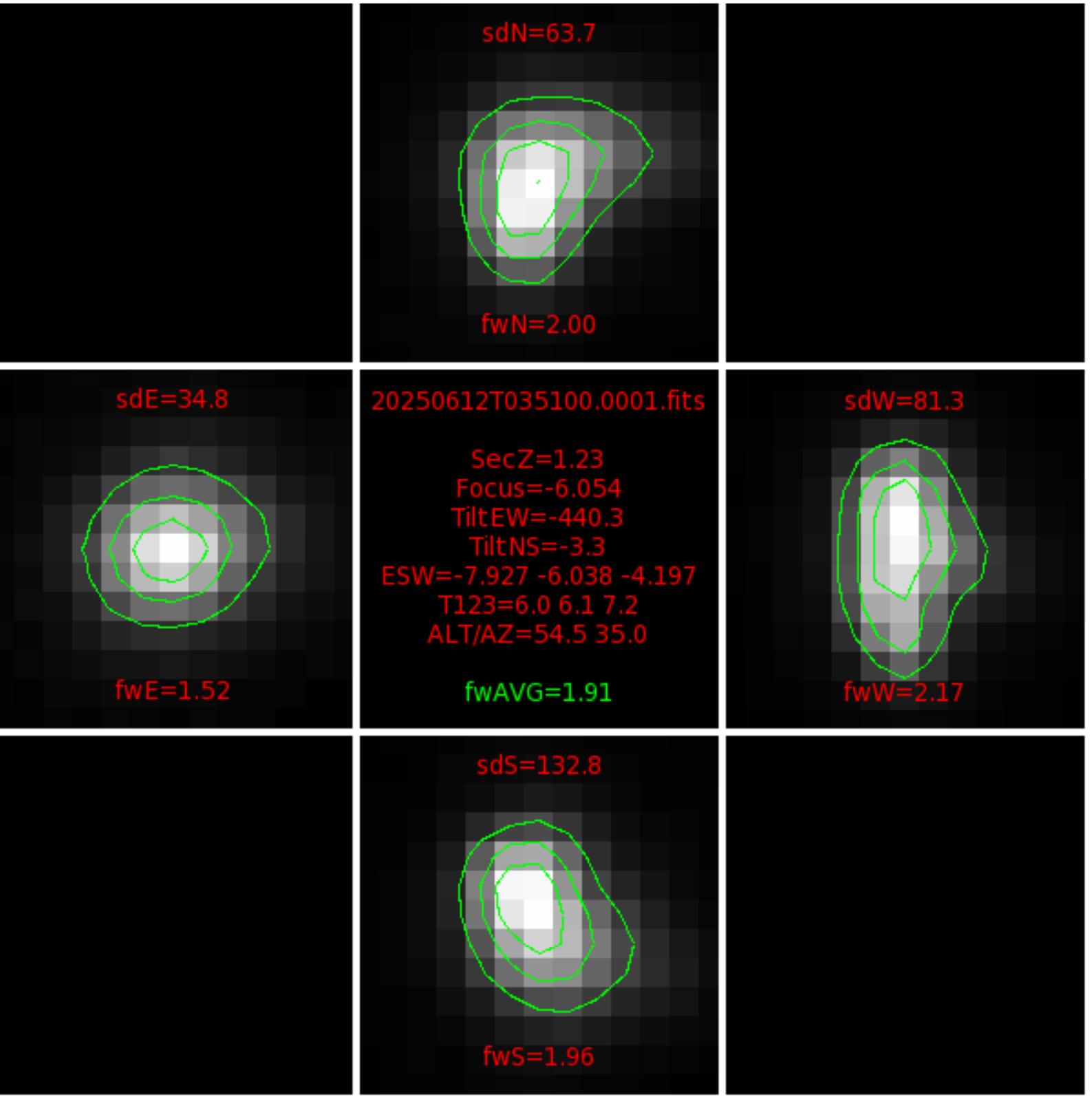
sdN=63.7
fwN=2.00
sdE=34.8
fwE=1.52
20250612T035100.0001.fits
SecZ=1.23
Focus=-6.054
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.927 -6.038 -4.197
T123=6.0 6.1 7.2
ALT/AZ=54.5 35.0
fwAVG=1.91
sdW=81.3
fwW=2.17
sdS=132.8
fwS=1.96
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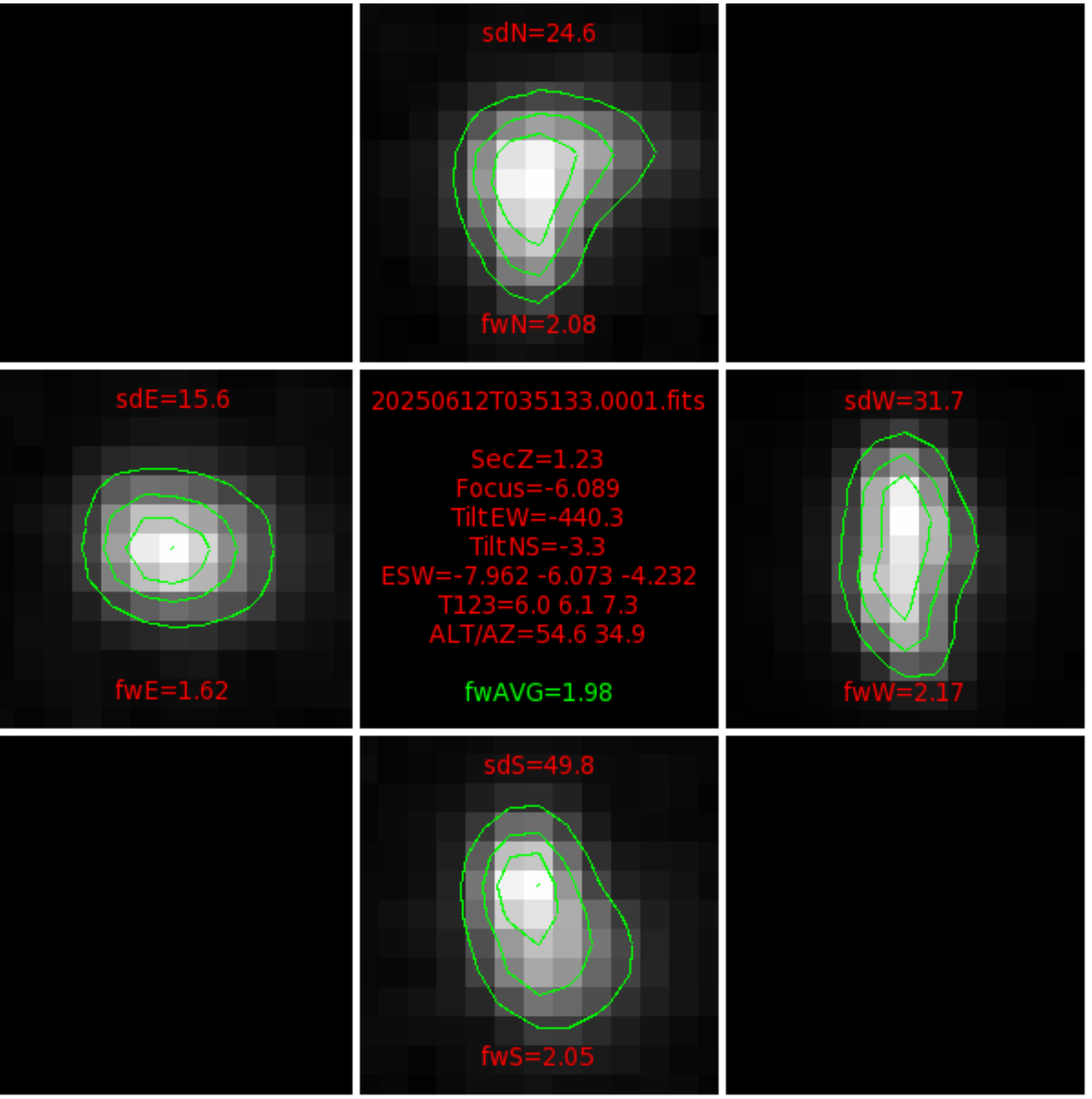
sdN=24.6
fwN=2.08
sdE=15.6
fwE=1.62
20250612T035133.0001.fits
SecZ=1.23
Focus=-6.089
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.962 -6.073 -4.232
T123=6.0 6.1 7.3
ALT/AZ=54.6 34.9
fwAVG=1.98
sdW=31.7
fwW=2.17
sdS=49.8
fwS=2.05
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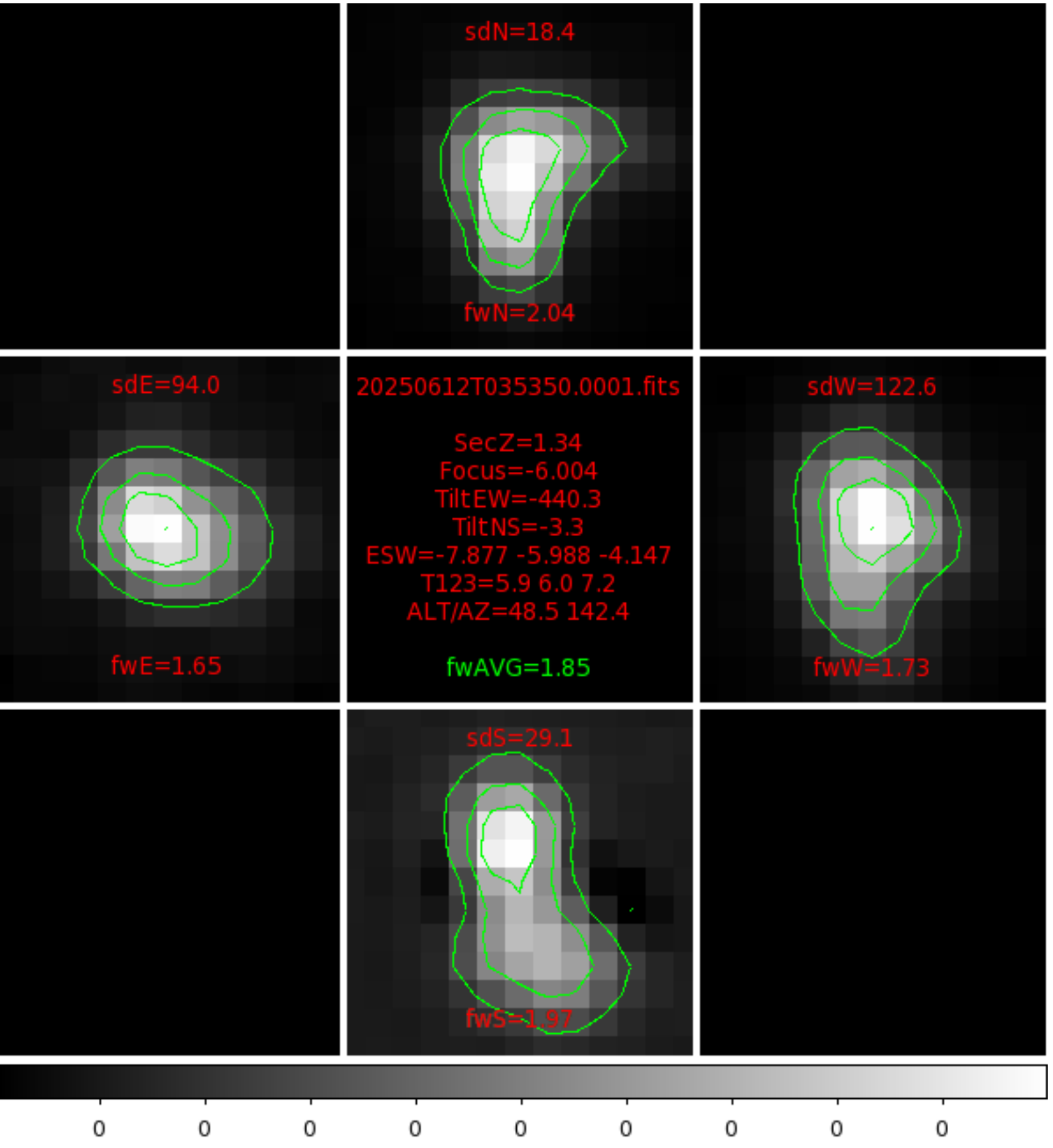
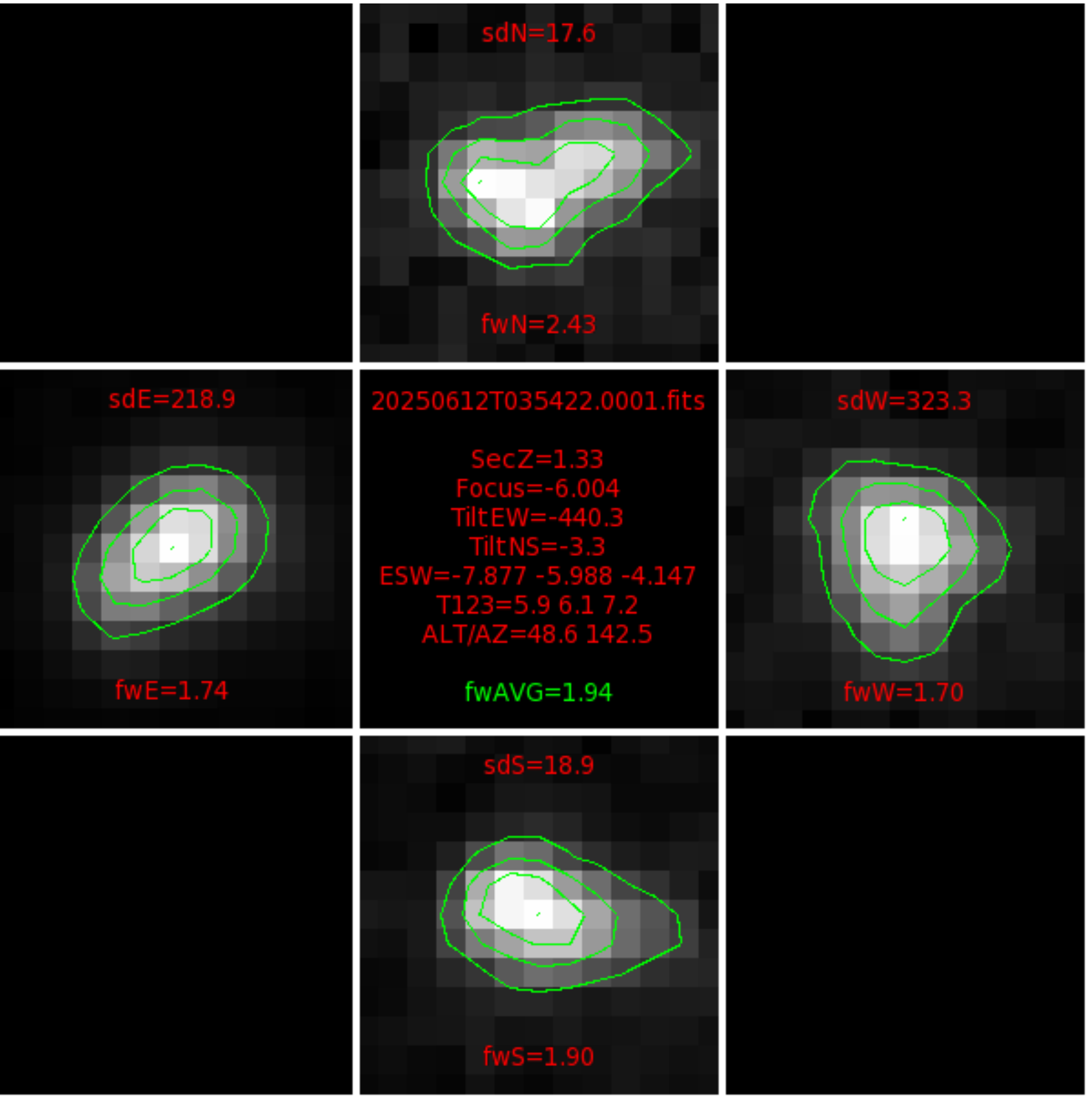

sdN=18.4
fwN=2.04
sdE=94.0
fwE=1.65
20250612T035350.0001.fits
SecZ=1.34
Focus=-6.004
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.877 -5.988 -4.147
T123=5.9 6.0 7.2
ALT/AZ=48.5 142.4
fwAVG=1.85
sdW=122.6
fwW=1.73
sdS=29.1
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=17.6
fwN=2.43
sdE=218.9
fwE=1.74
20250612T035422.0001.fits
SecZ=1.33
Focus=-6.004
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.877 -5.988 -4.147
T123=5.9 6.1 7.2
ALT/AZ=48.6 142.5
fwAVG=1.94
sdW=323.3
fwW=1.70
sdS=18.9
fwS=1.90
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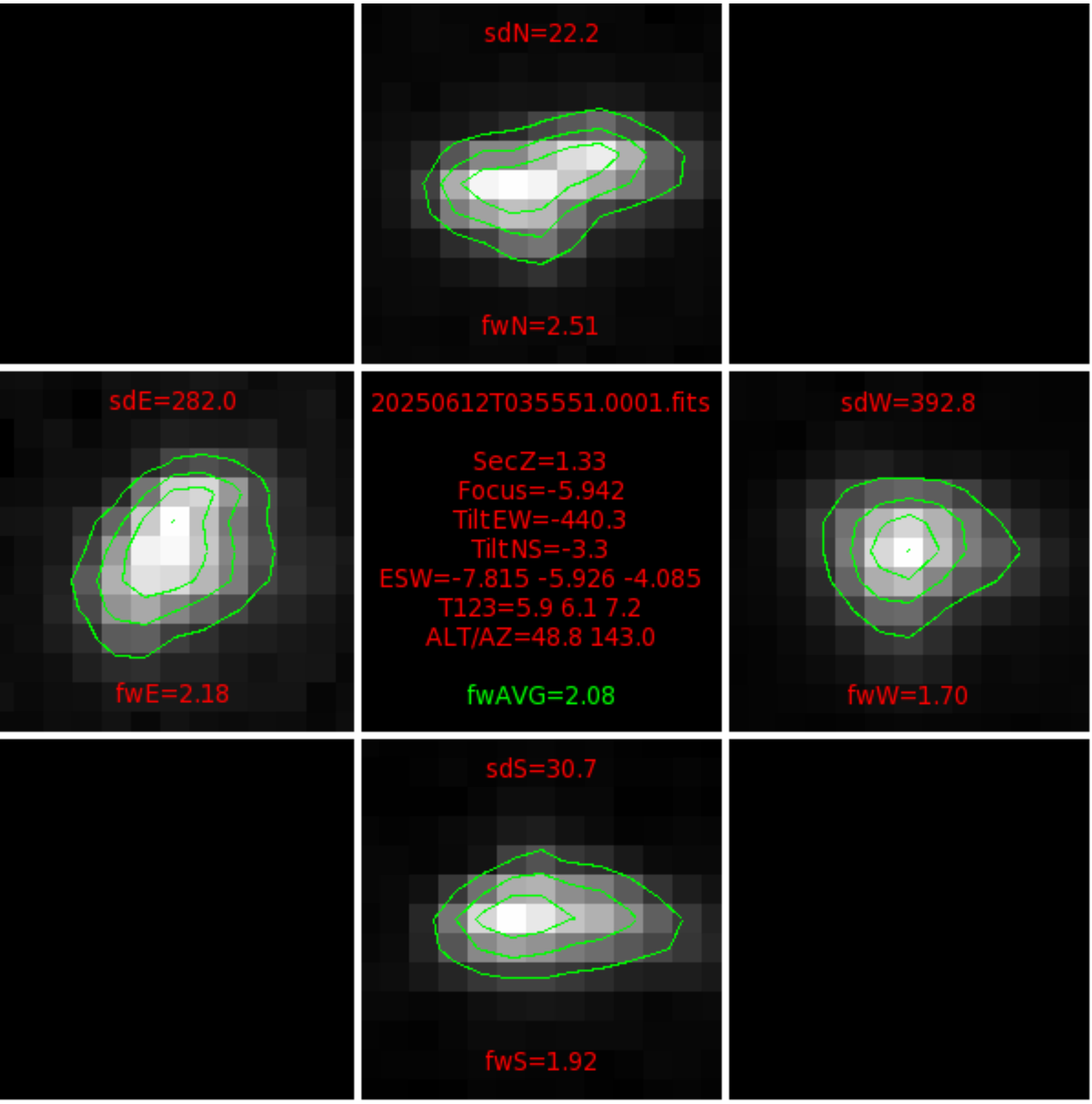
sdN=22.2
fwN=2.51
sdE=282.0
fwE=2.18
20250612T035551.0001.fits
SecZ=1.33
Focus=-5.942
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.815 -5.926 -4.085
T123=5.9 6.1 7.2
ALT/AZ=48.8 143.0
fwAVG=2.08
sdW=392.8
fwW=1.70
sdS=30.7
fwS=1.92
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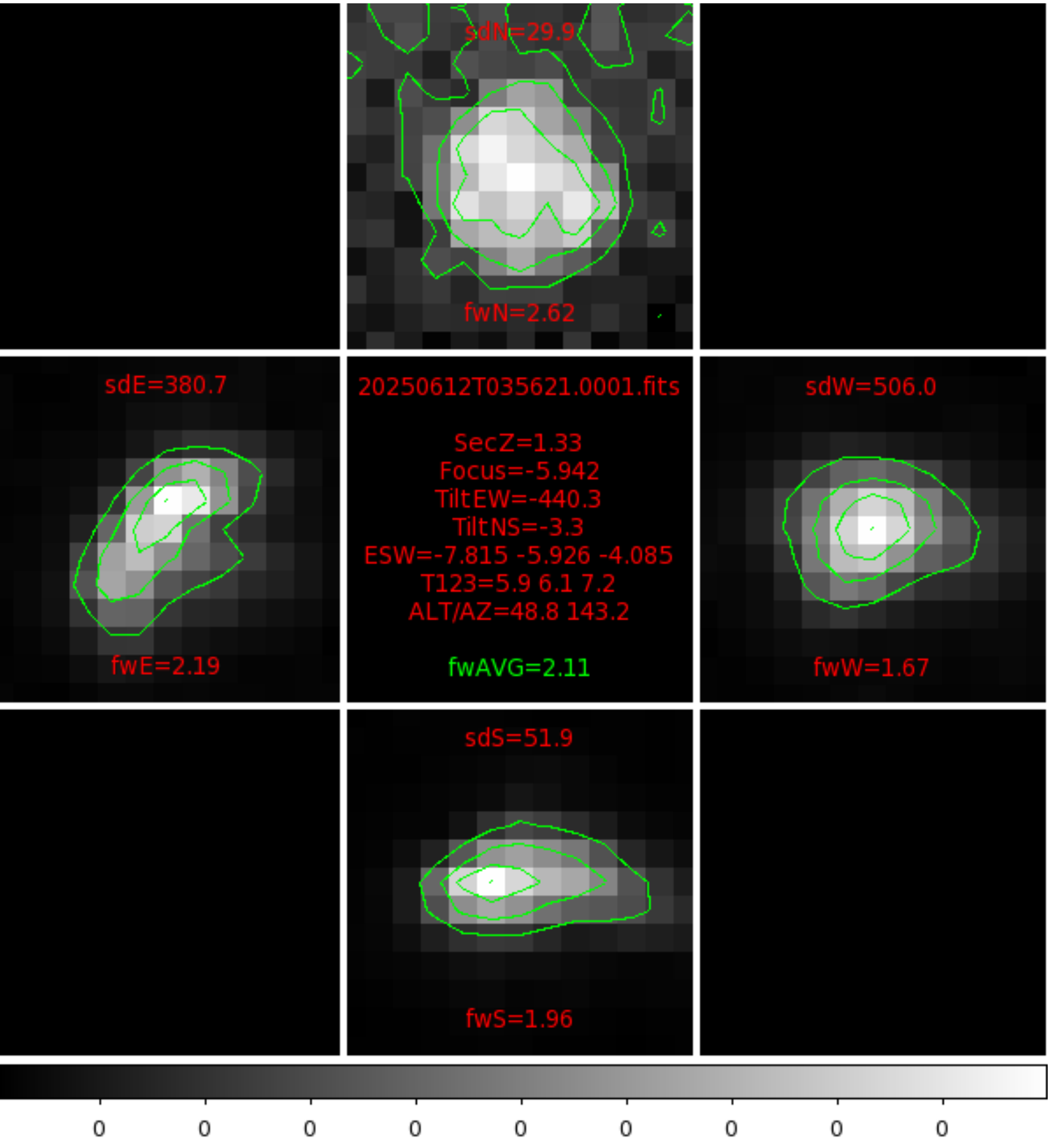
sdN=29.9
fwN=2.62
sdE=380.7
fwE=2.19
20250612T035621.0001.fits
SecZ=1.33
Focus=-5.942
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.815 -5.926 -4.085
T123=5.9 6.1 7.2
ALT/AZ=48.8 143.2
fwAVG=2.11
sdW=506.0
fwW=1.67
sdS=51.9
fwS=1.96
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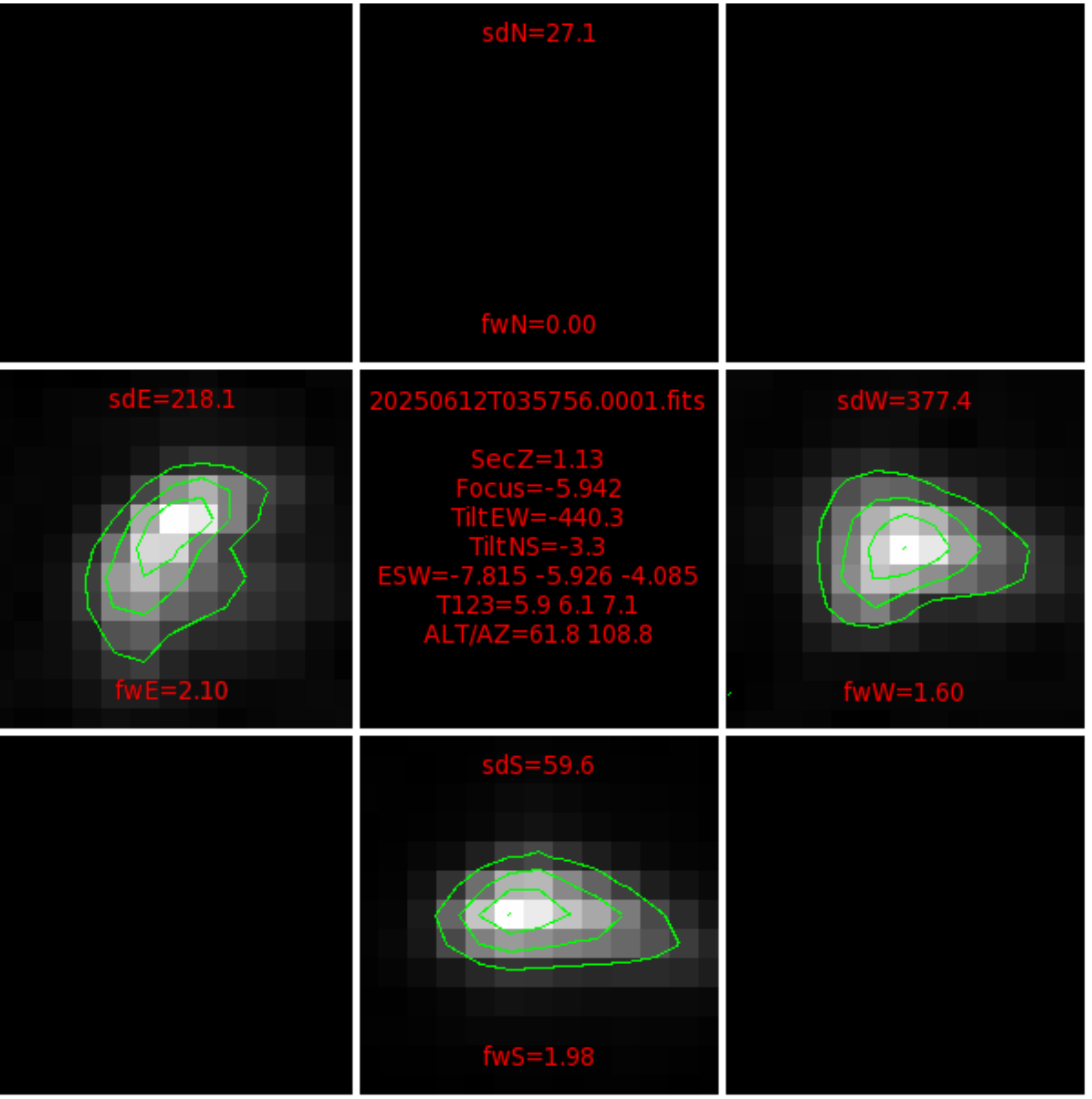
sdN=27.1
fwN=0.00
sdE=218.1
fwE=2.10
20250612T035756.0001.fits
SecZ=1.13
Focus=-5.942
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.815 -5.926 -4.085
T123=5.9 6.1 7.1
ALT/AZ=61.8 108.8
sdW=377.4
fwW=1.60
sdS=59.6
fwS=1.98
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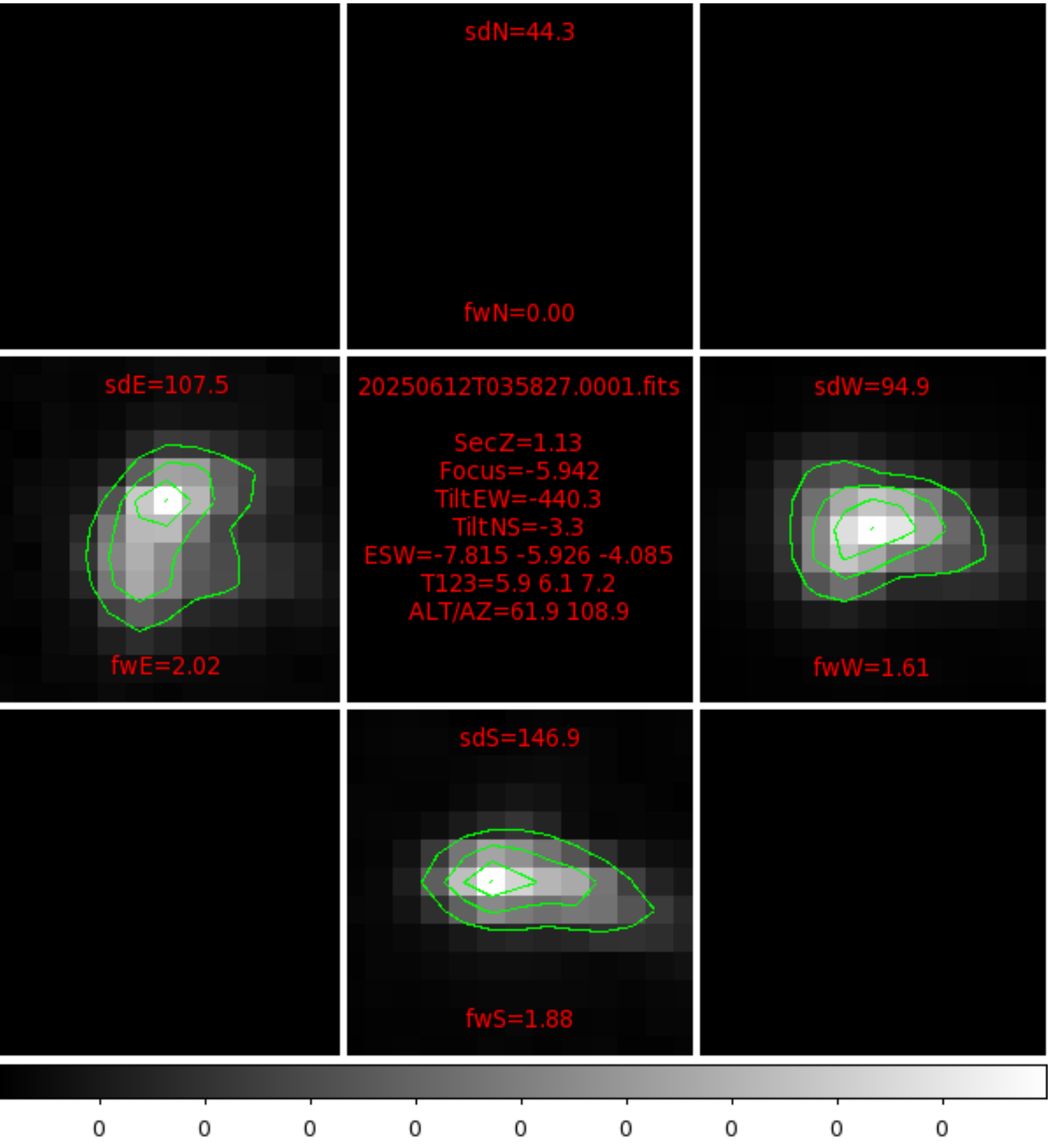
sdN=44.3
fwN=0.00
sdE=107.5
20250612T035827.0001.fits
SecZ=1.13
Focus=-5.942
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.815 -5.926 -4.085
T123=5.9 6.1 7.2
ALT/AZ=61.9 108.9
sdW=94.9
fwE=2.02
fwW=1.61
sdS=146.9
fwS=1.88
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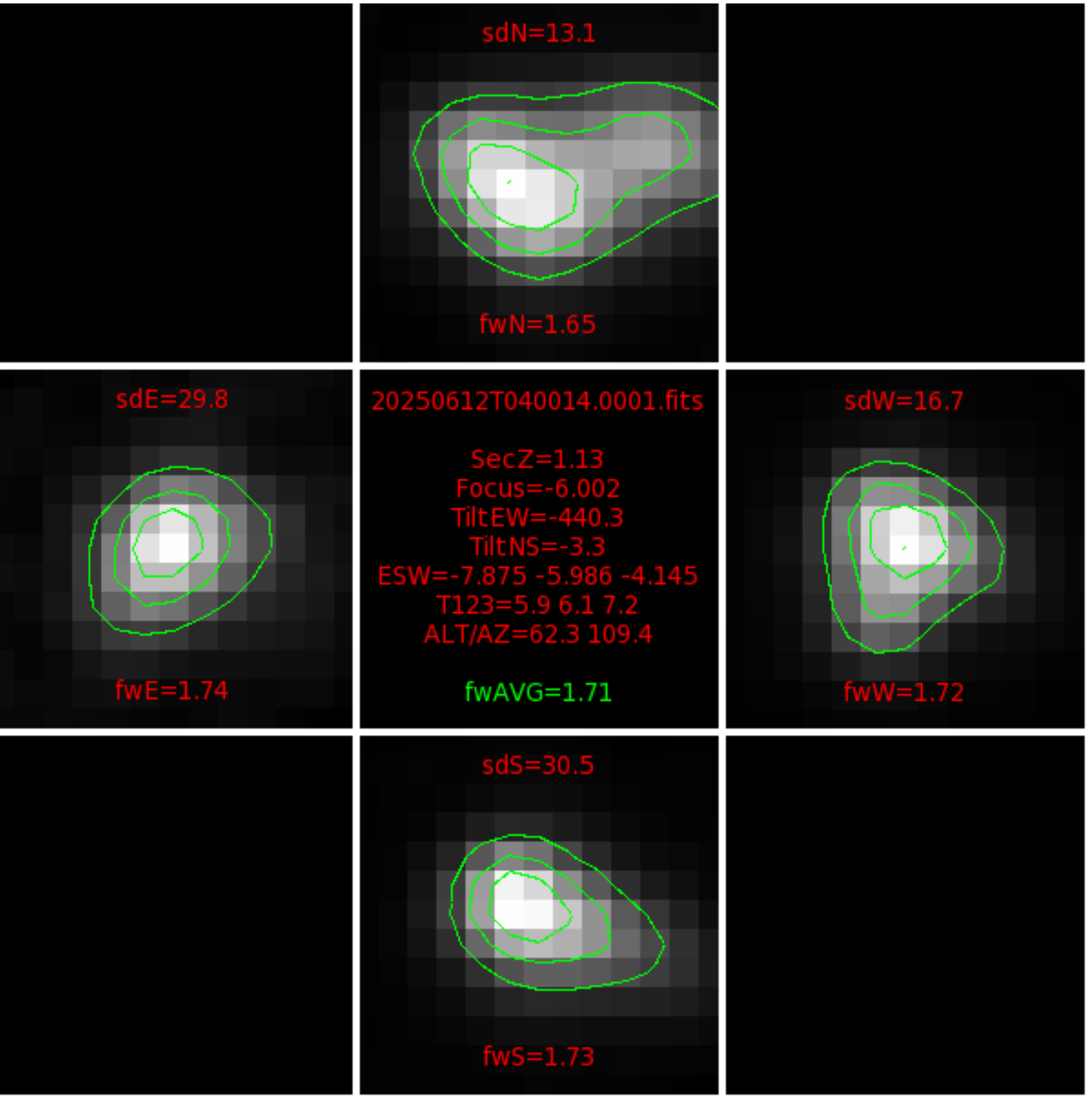
sdN=13.1
fwN=1.65
sdE=29.8
fwE=1.74
20250612T040014.0001.fits
SecZ=1.13
Focus=-6.002
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.875 -5.986 -4.145
T123=5.9 6.1 7.2
ALT/AZ=62.3 109.4
fwAVG=1.71
sdW=16.7
fwW=1.72
sdS=30.5
fwS=1.73
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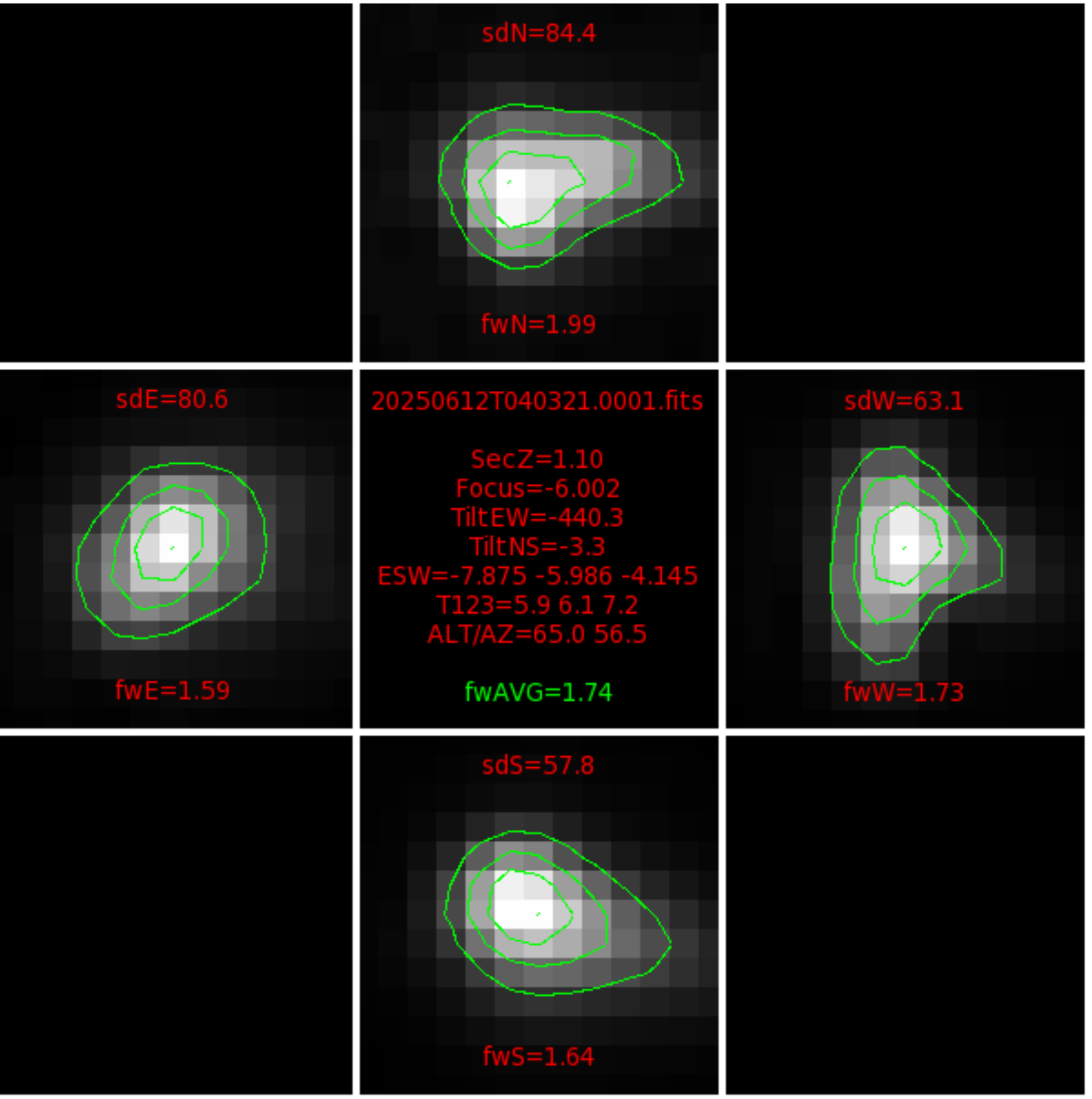
sdN=84.4
fwN=1.99
sdE=80.6
fwE=1.59
20250612T040321.0001.fits
SecZ=1.10
Focus=-6.002
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.875 -5.986 -4.145
T123=5.9 6.1 7.2
ALT/AZ=65.0 56.5
fwAVG=1.74
sdW=63.1
fwW=1.73
sdS=57.8
fwS=1.64
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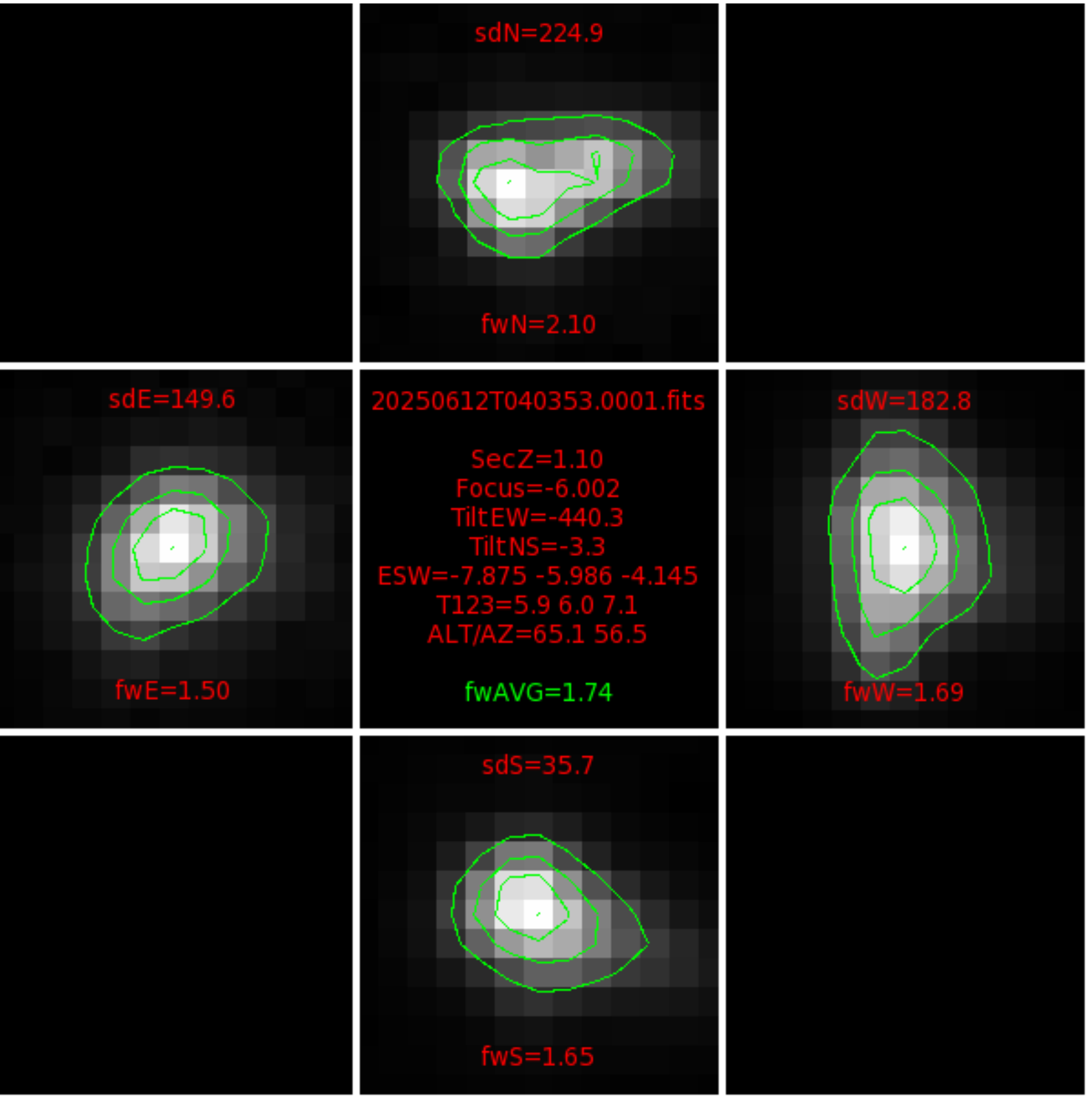
sdN=224.9
fwN=2.10
sdE=149.6
fwE=1.50
20250612T040353.0001.fits
SecZ=1.10
Focus=-6.002
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.875 -5.986 -4.145
T123=5.9 6.0 7.1
ALT/AZ=65.1 56.5
fwAVG=1.74
sdW=182.8
fwW=1.69
sdS=35.7
fwS=1.65
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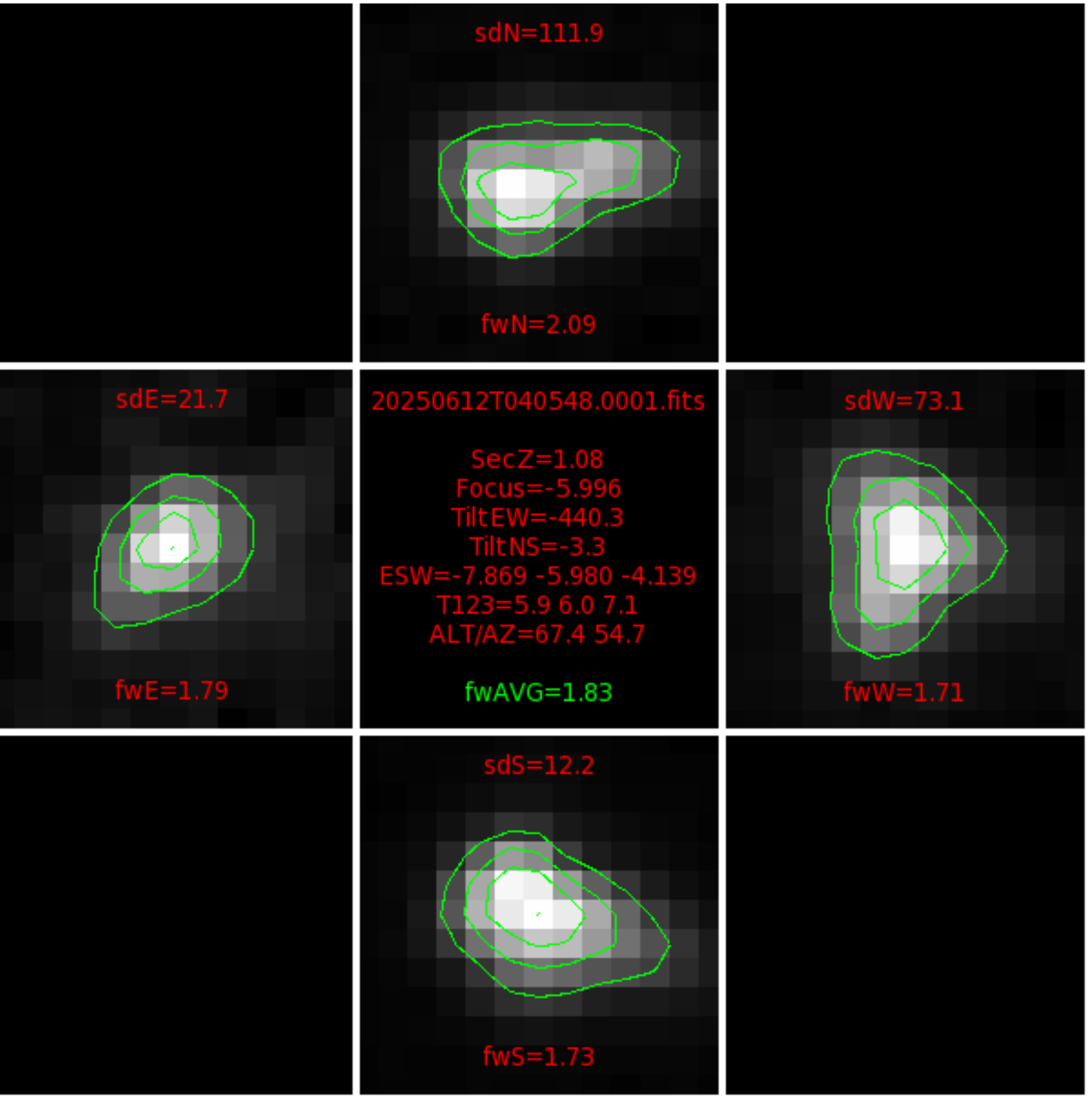
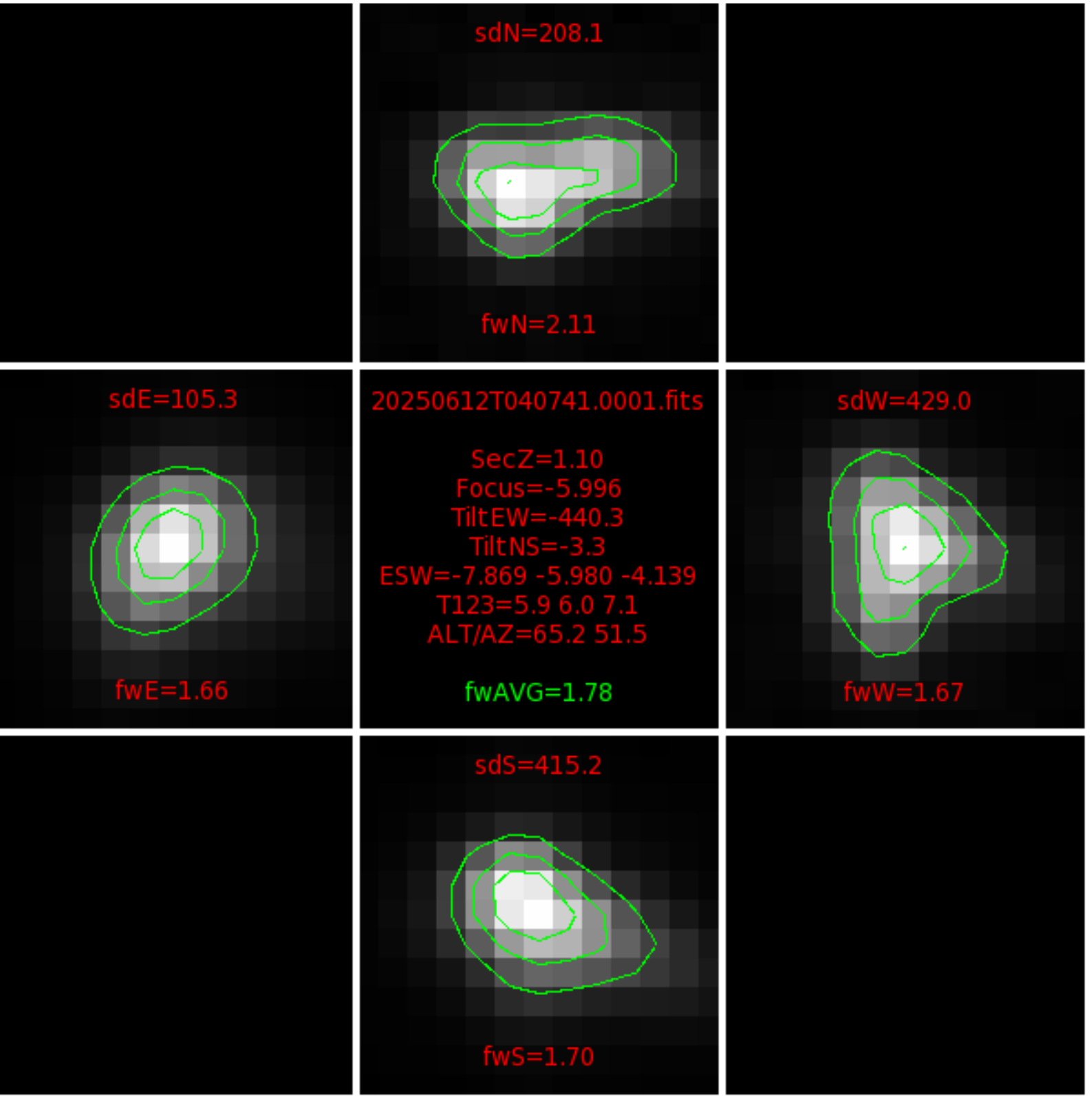

sdN=111.9
fwN=2.09
sdE=21.7
fwE=1.79
20250612T040548.0001.fits
SecZ=1.08
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.9 6.0 7.1
ALT/AZ=67.4 54.7
fwAVG=1.83
sdW=73.1
fwW=1.71
sdS=12.2
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=208.1
fwN=2.11
sdE=105.3
fwE=1.66
20250612T040741.0001.fits
SecZ=1.10
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.9 6.0 7.1
ALT/AZ=65.2 51.5
fwAVG=1.78
sdW=429.0
fwW=1.67
sdS=415.2
fwS=1.70
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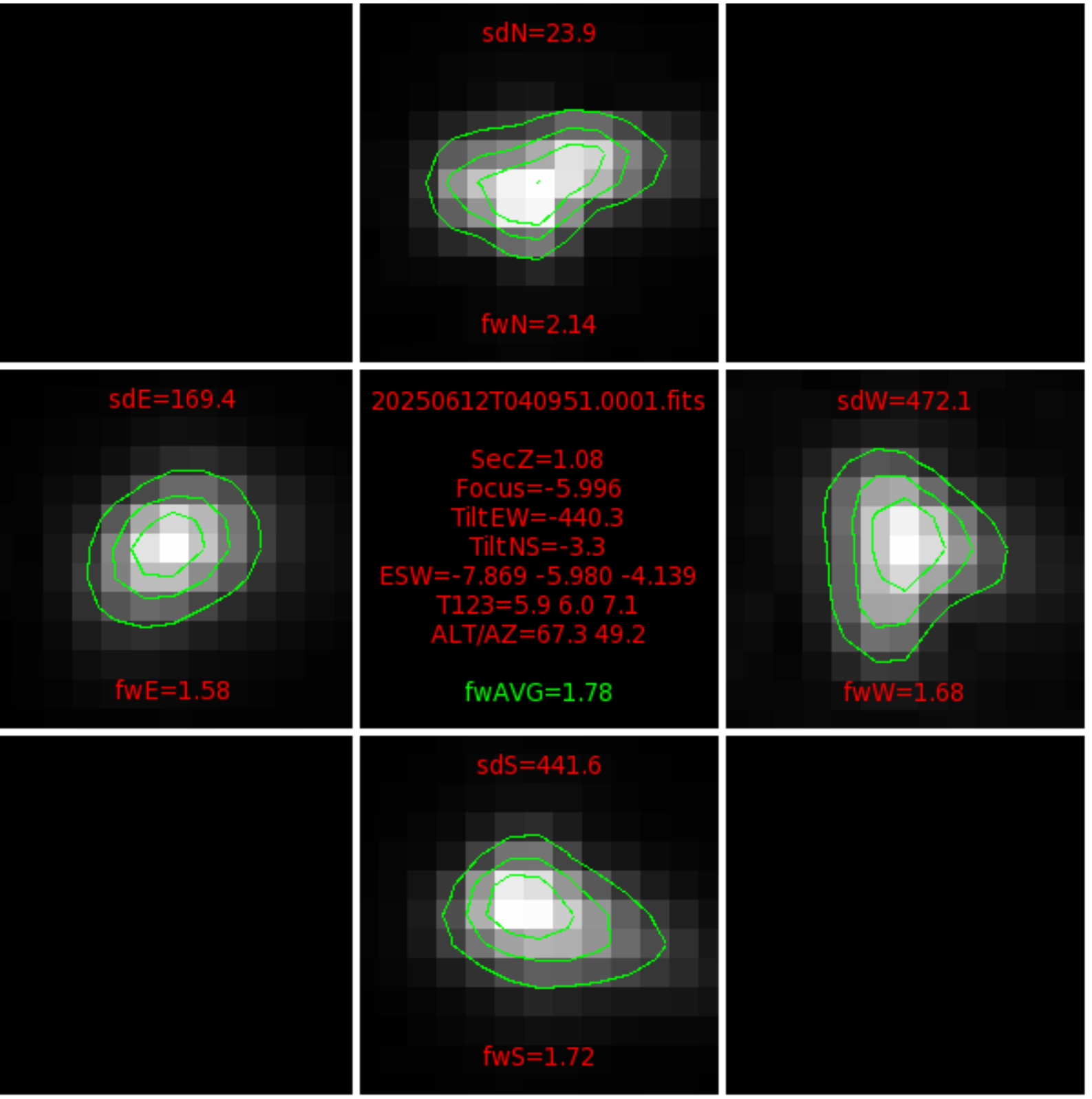
sdN=23.9
fwN=2.14
sdE=169.4
fwE=1.58
20250612T040951.0001.fits
SecZ=1.08
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.9 6.0 7.1
ALT/AZ=67.3 49.2
fwAVG=1.78
sdW=472.1
fwW=1.68
sdS=441.6
fwS=1.72
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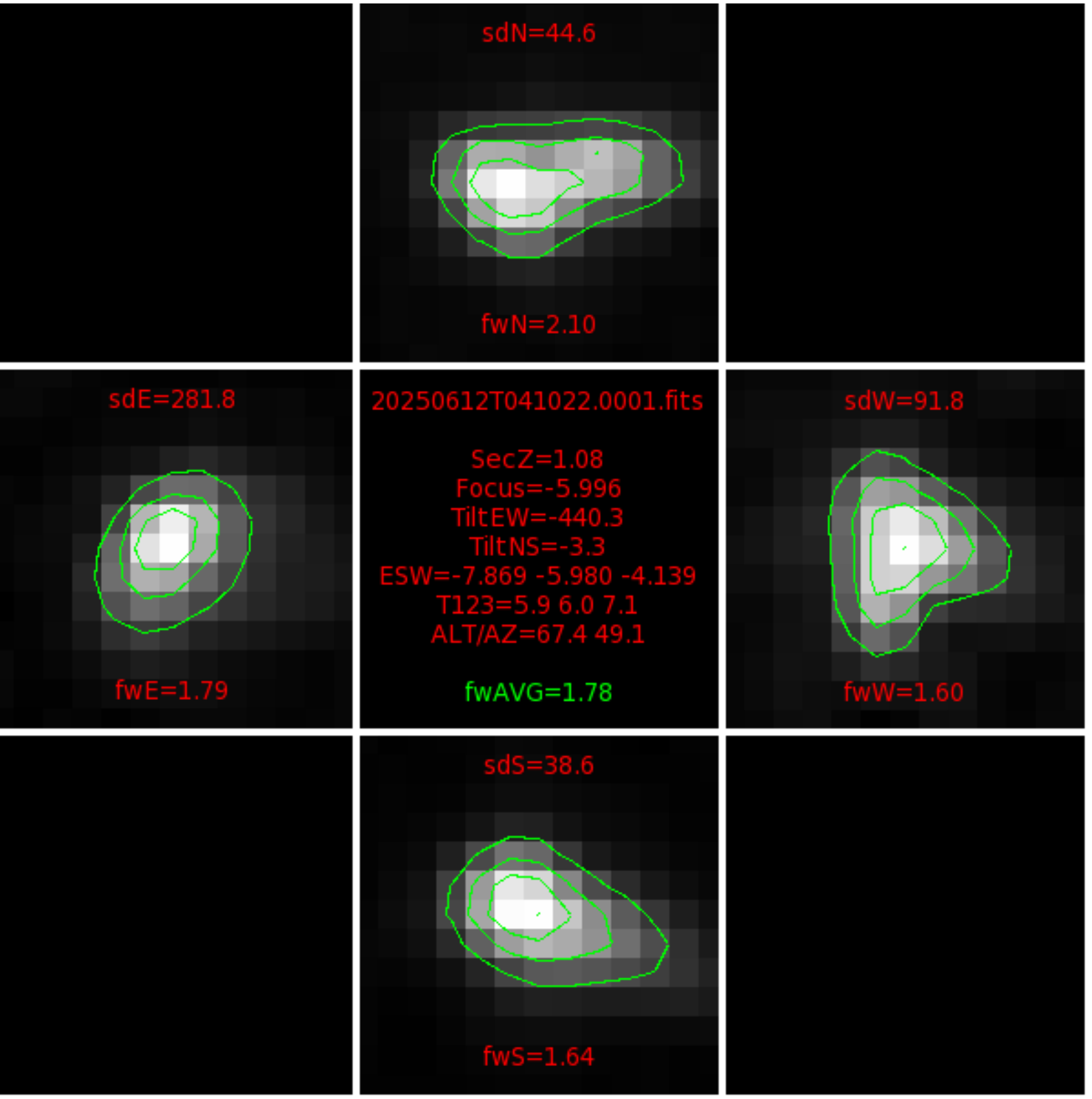
sdN=44.6
fwN=2.10
sdE=281.8
fwE=1.79
20250612T041022.0001.fits
SecZ=1.08
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.9 6.0 7.1
ALT/AZ=67.4 49.1
fwAVG=1.78
sdW=91.8
fwW=1.60
sdS=38.6
fwS=1.64
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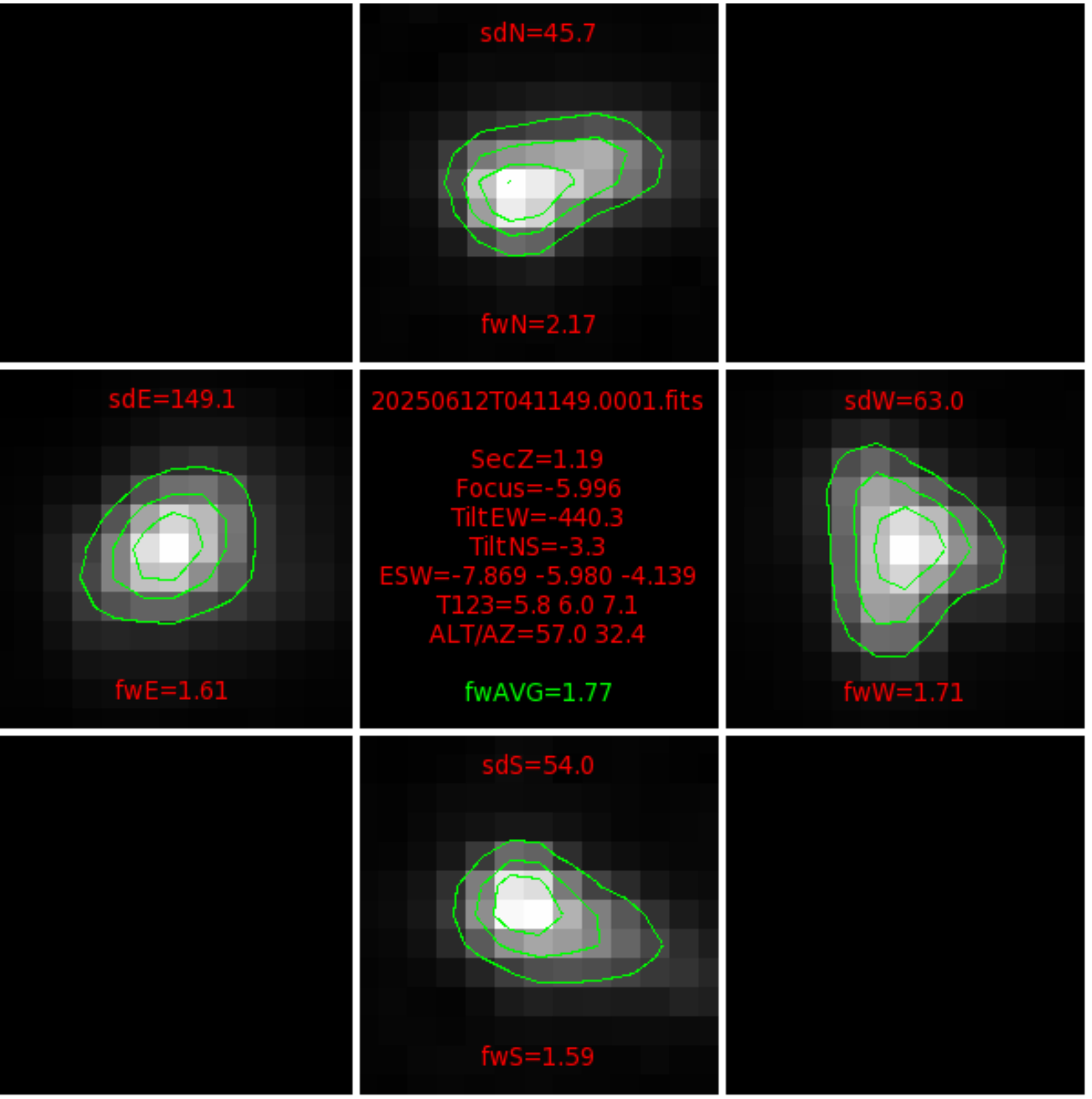
sdN=45.7
fwN=2.17
sdE=149.1
fwE=1.61
20250612T041149.0001.fits
SecZ=1.19
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.8 6.0 7.1
ALT/AZ=57.0 32.4
fwAVG=1.77
sdW=63.0
fwW=1.71
sdS=54.0
fwS=1.59
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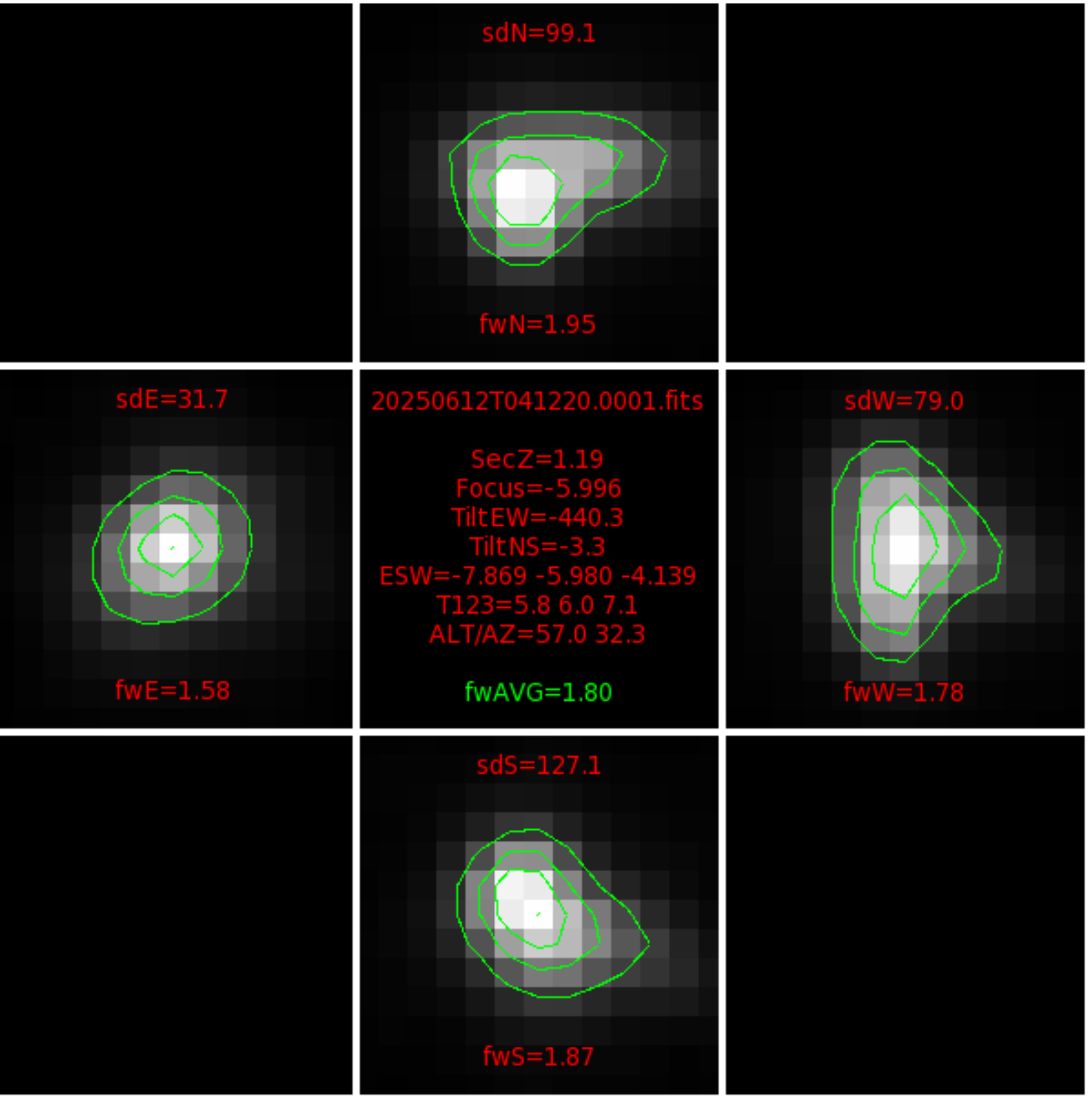
sdN=99.1
fwN=1.95
sdE=31.7
fwE=1.58
20250612T041220.0001.fits
SecZ=1.19
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.8 6.0 7.1
ALT/AZ=57.0 32.3
fwAVG=1.80
sdW=79.0
fwW=1.78
sdS=127.1
fwS=1.87
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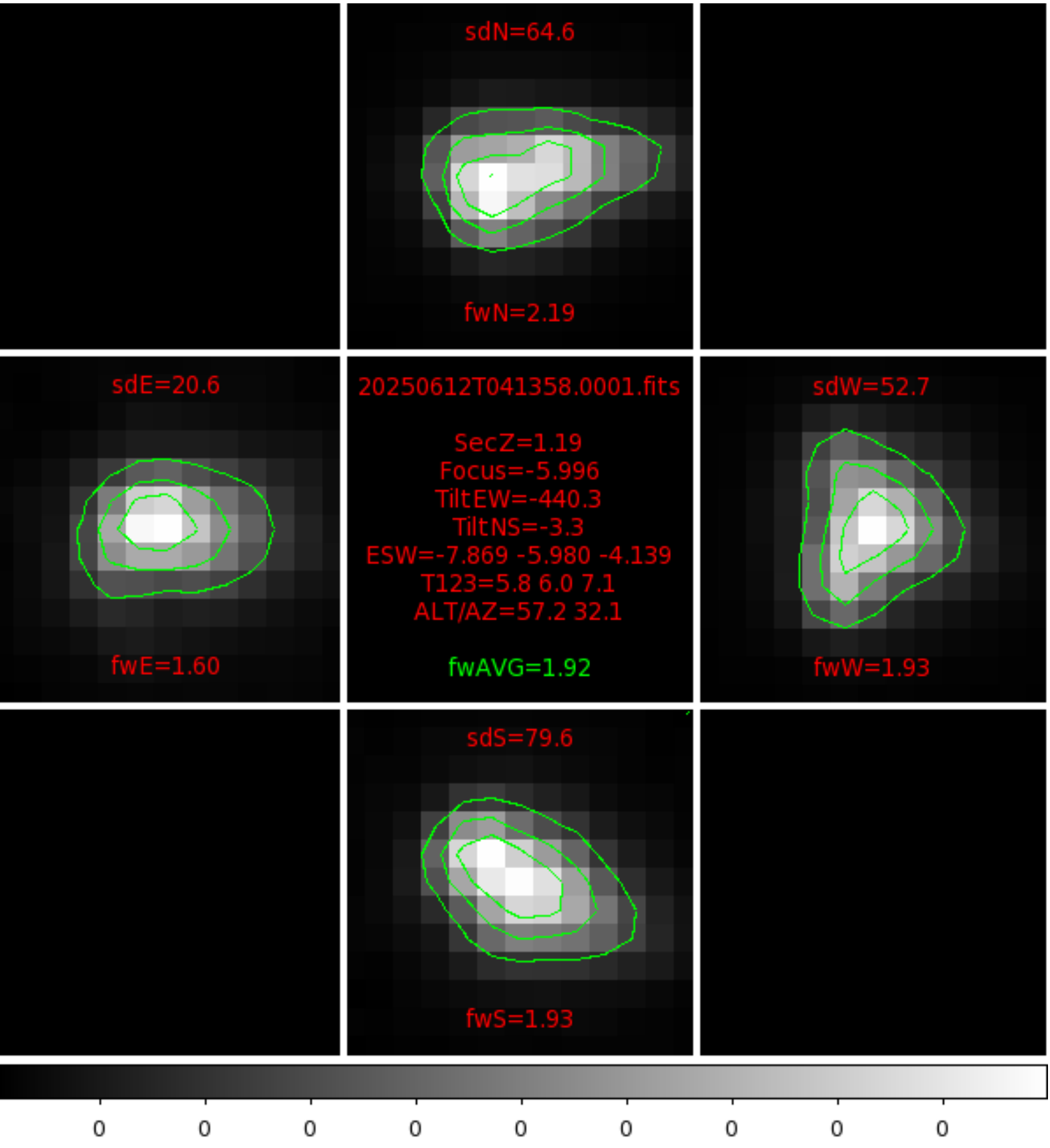
sdN=64.6
fwN=2.19
sdE=20.6
fwE=1.60
20250612T041358.0001.fits
SecZ=1.19
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.8 6.0 7.1
ALT/AZ=57.2 32.1
fwAVG=1.92
sdW=52.7
fwW=1.93
sdS=79.6
fwS=1.93
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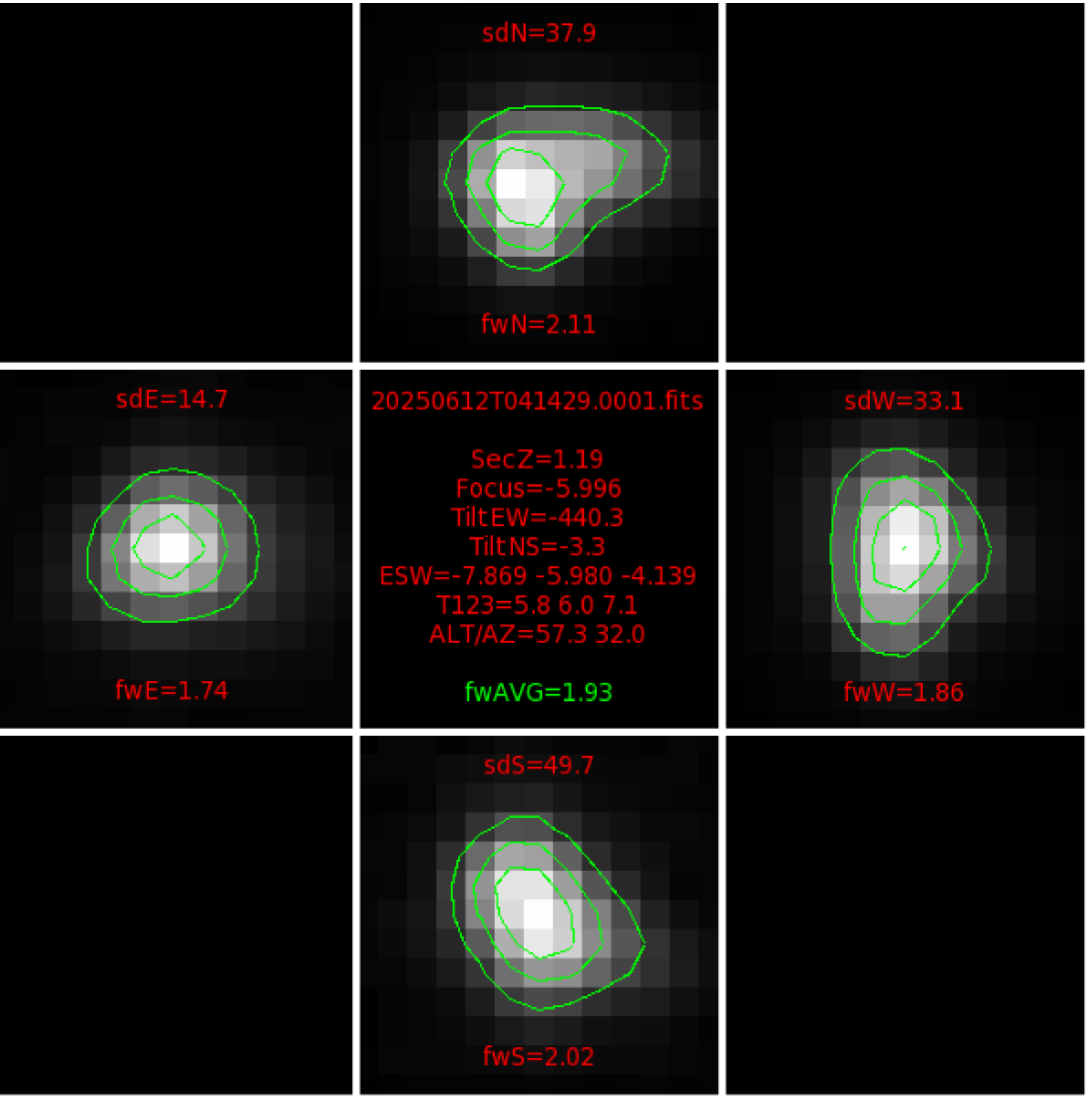
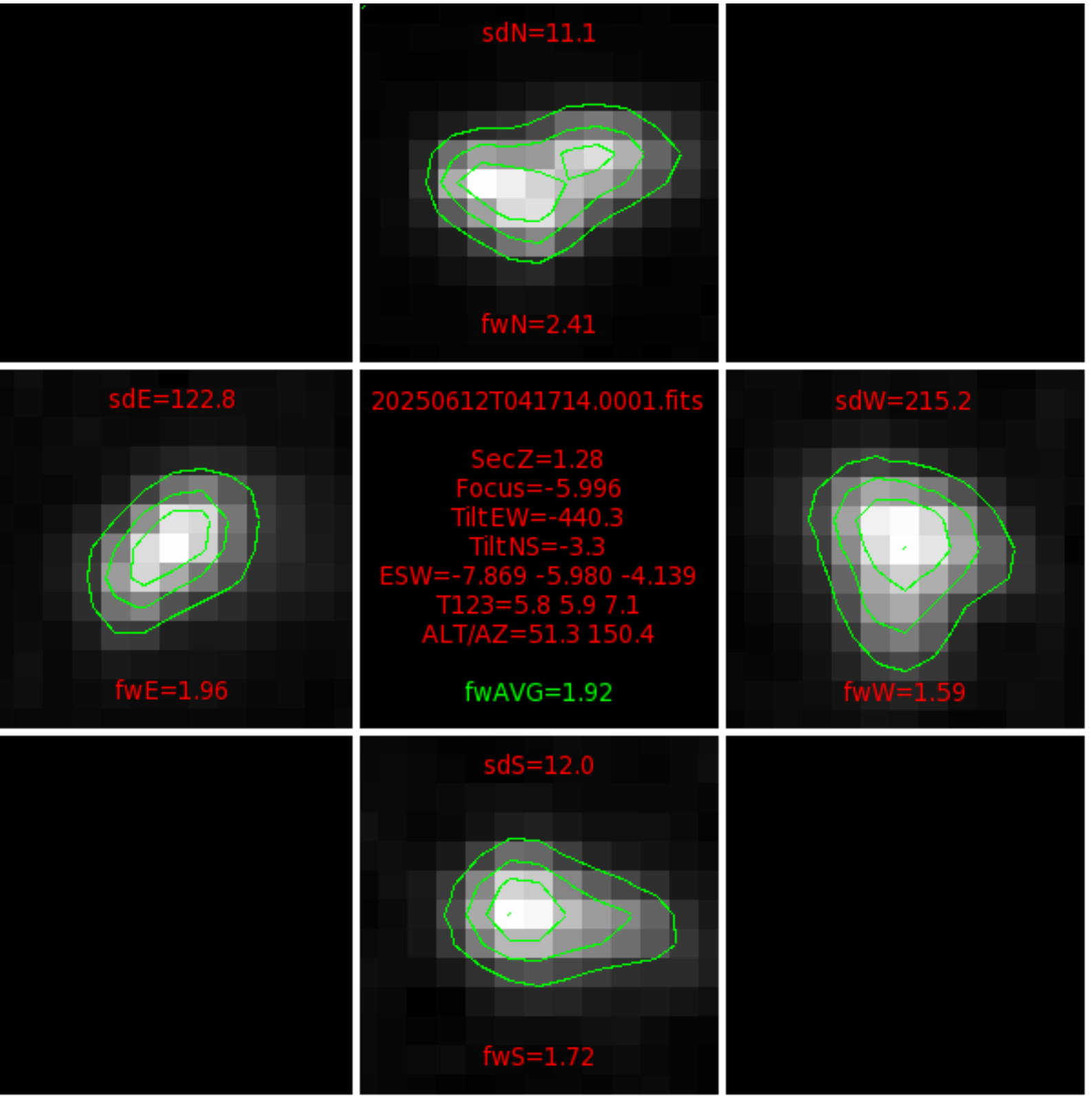
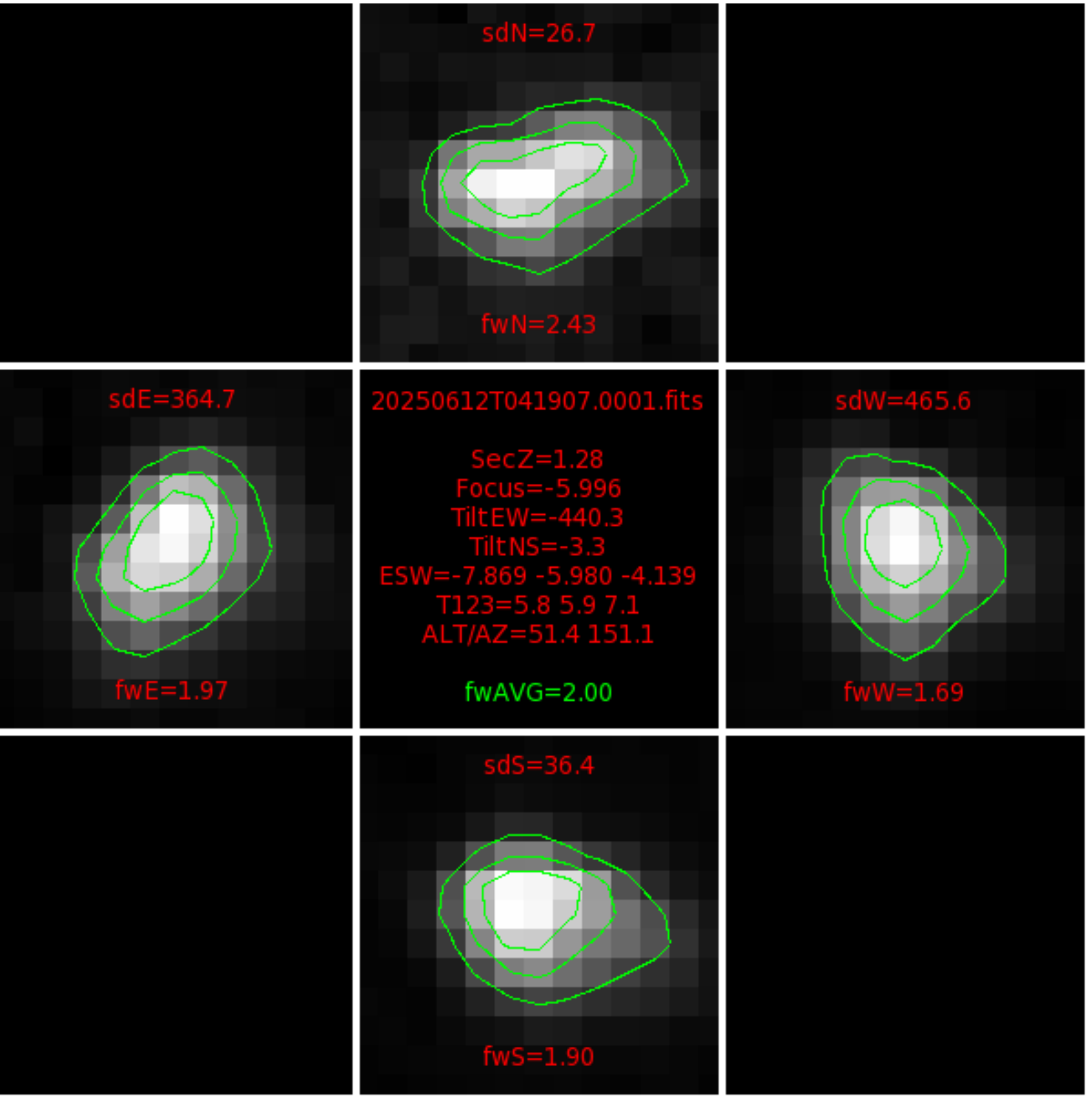

sdN=37.9
fwN=2.11
sdE=14.7
fwE=1.74
20250612T041429.0001.fits
SecZ=1.19
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.8 6.0 7.1
ALT/AZ=57.3 32.0
fwAVG=1.93
sdW=33.1
fwW=1.86
sdS=49.7
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=11.1
fwN=2.41
sdE=122.8
fwE=1.96
20250612T041714.0001.fits
SecZ=1.28
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.8 5.9 7.1
ALT/AZ=51.3 150.4
fwAVG=1.92
sdW=215.2
fwW=1.59
sdS=12.0
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=26.7
fwN=2.43
sdE=364.7
fwE=1.97
20250612T041907.0001.fits
SecZ=1.28
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.8 5.9 7.1
ALT/AZ=51.4 151.1
fwAVG=2.00
sdW=465.6
fwW=1.69
sdS=36.4
fwS=1.90
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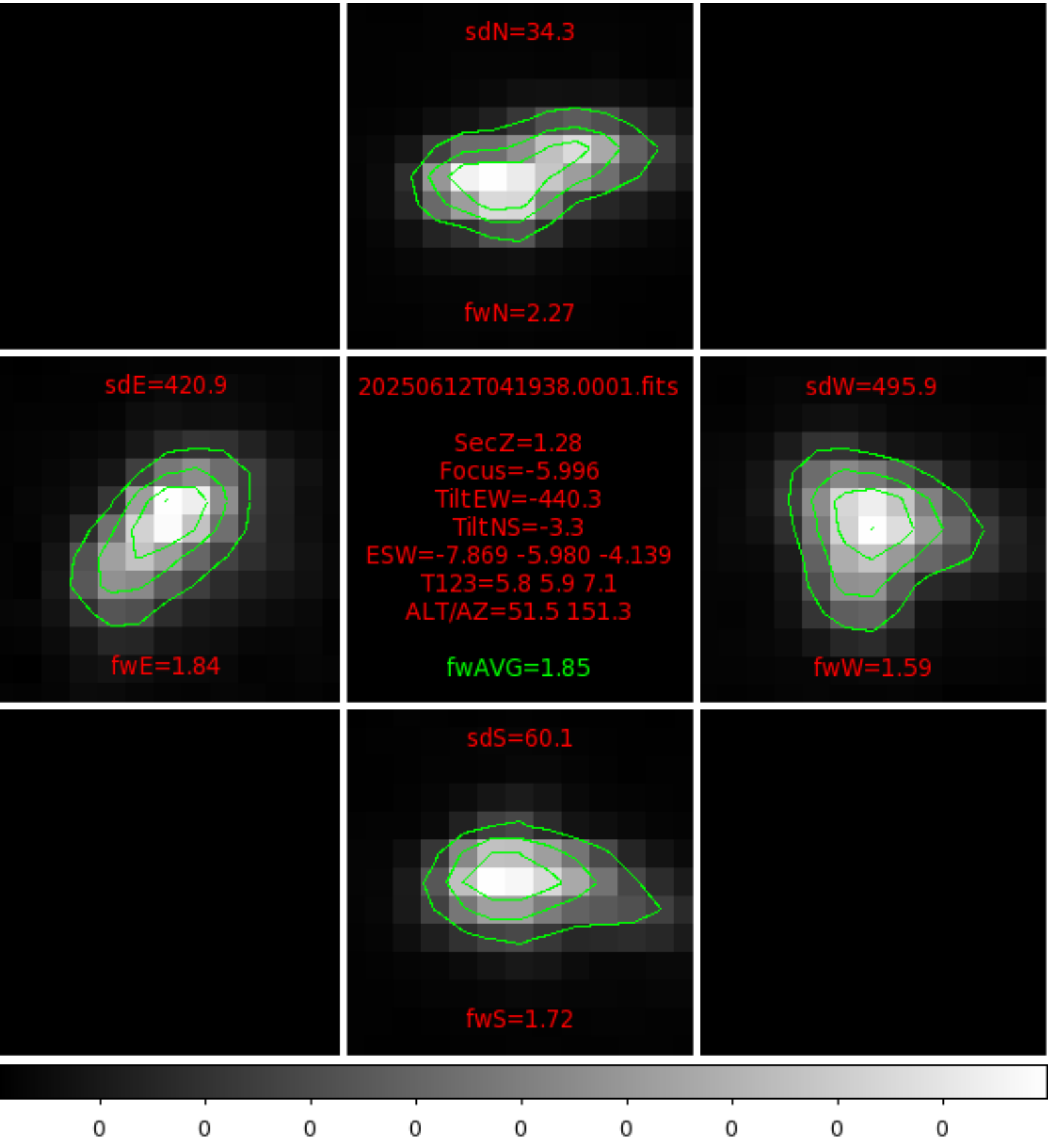
sdN=34.3
fwN=2.27
sdE=420.9
fwE=1.84
20250612T041938.0001.fits
SecZ=1.28
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.8 5.9 7.1
ALT/AZ=51.5 151.3
fwAVG=1.85
sdW=495.9
fwW=1.59
sdS=60.1
fwS=1.72
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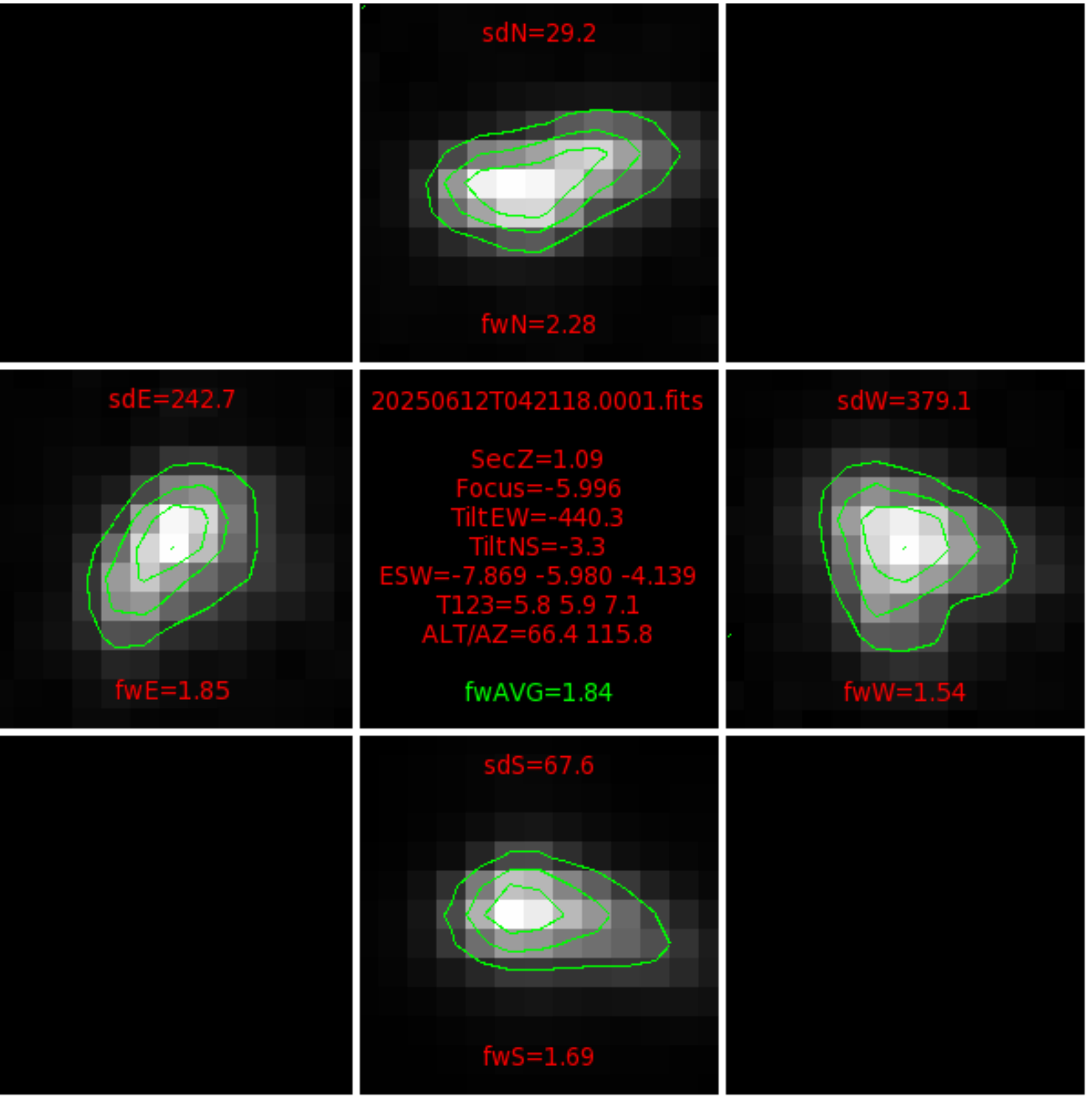
sdN=29.2
fwN=2.28
sdE=242.7
fwE=1.85
20250612T042118.0001.fits
SecZ=1.09
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.8 5.9 7.1
ALT/AZ=66.4 115.8
fwAVG=1.84
sdW=379.1
fwW=1.54
sdS=67.6
fwS=1.69
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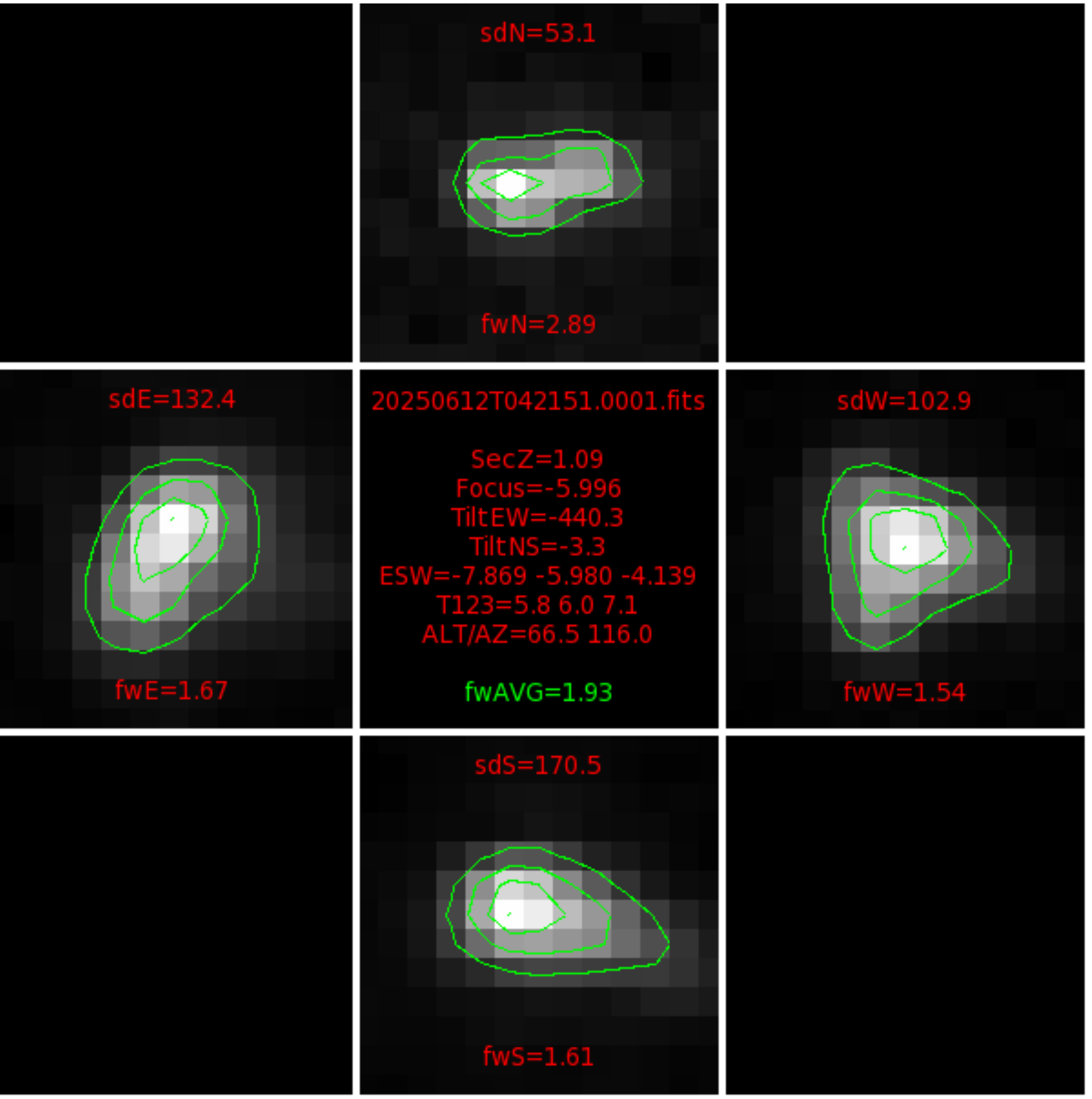
sdN=53.1
fwN=2.89
sdE=132.4
fwE=1.67
20250612T042151.0001.fits
SecZ=1.09
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.8 6.0 7.1
ALT/AZ=66.5 116.0
fwAVG=1.93
sdW=102.9
fwW=1.54
sdS=170.5
fwS=1.61
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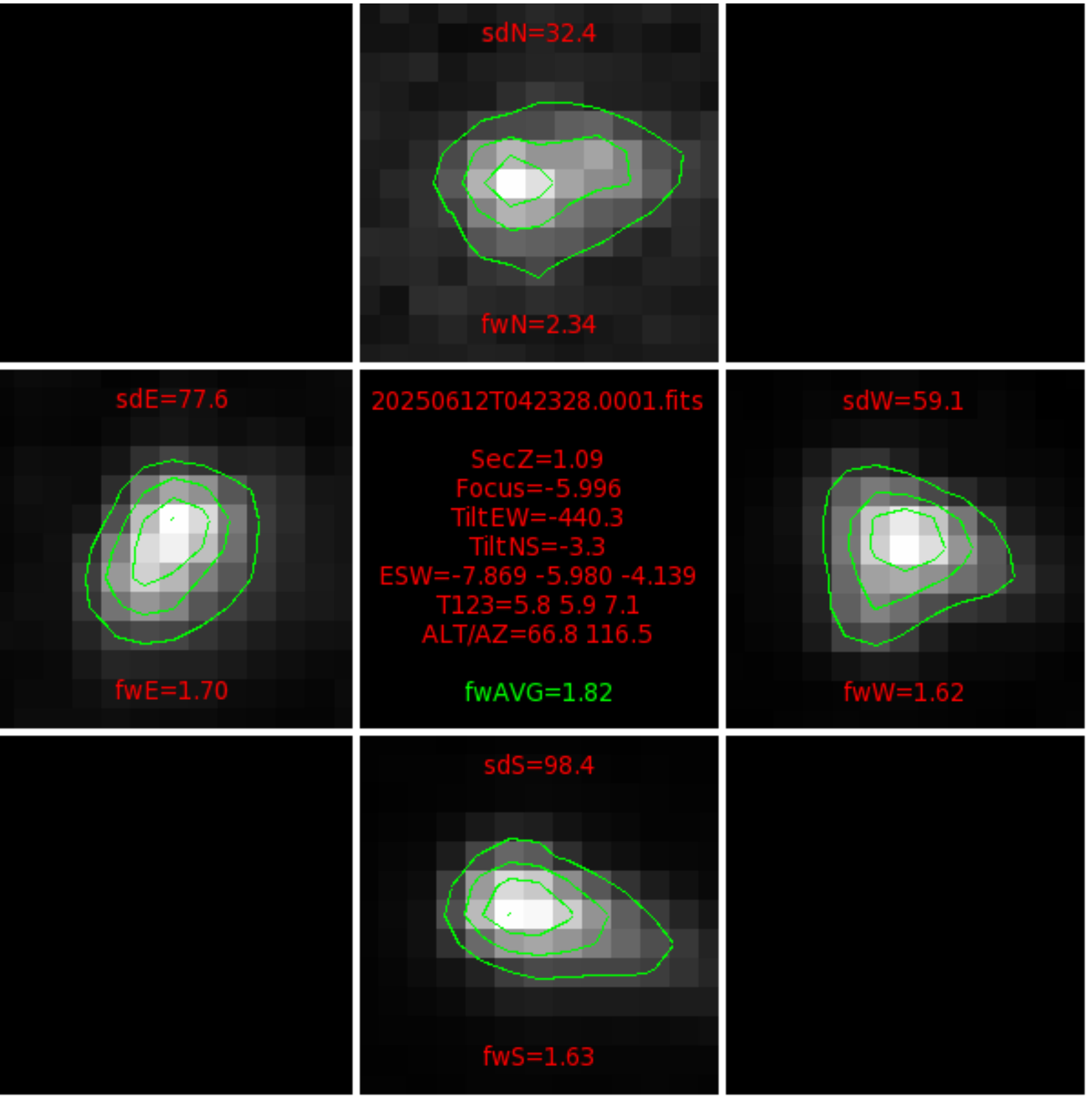
sdN=32.4
fwN=2.34
sdE=77.6
fwE=1.70
20250612T042328.0001.fits
SecZ=1.09
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.8 5.9 7.1
ALT/AZ=66.8 116.5
fwAVG=1.82
sdW=59.1
fwW=1.62
sdS=98.4
fwS=1.63
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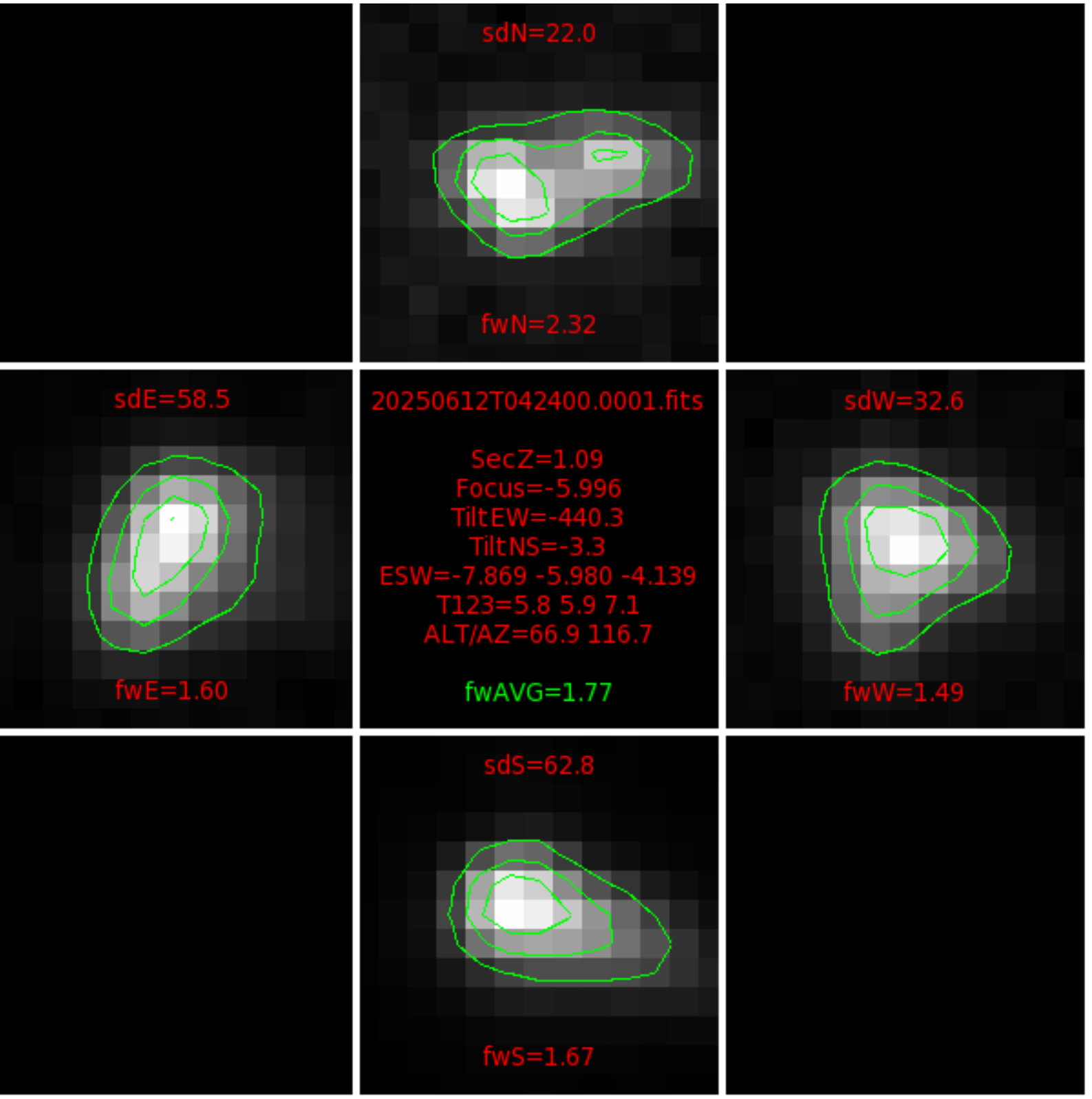
sdN=22.0
fwN=2.32
sdE=58.5
fwE=1.60
20250612T042400.0001.fits
SecZ=1.09
Focus=-5.996
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.869 -5.980 -4.139
T123=5.8 5.9 7.1
ALT/AZ=66.9 116.7
fwAVG=1.77
sdW=32.6
fwW=1.49
sdS=62.8
fwS=1.67
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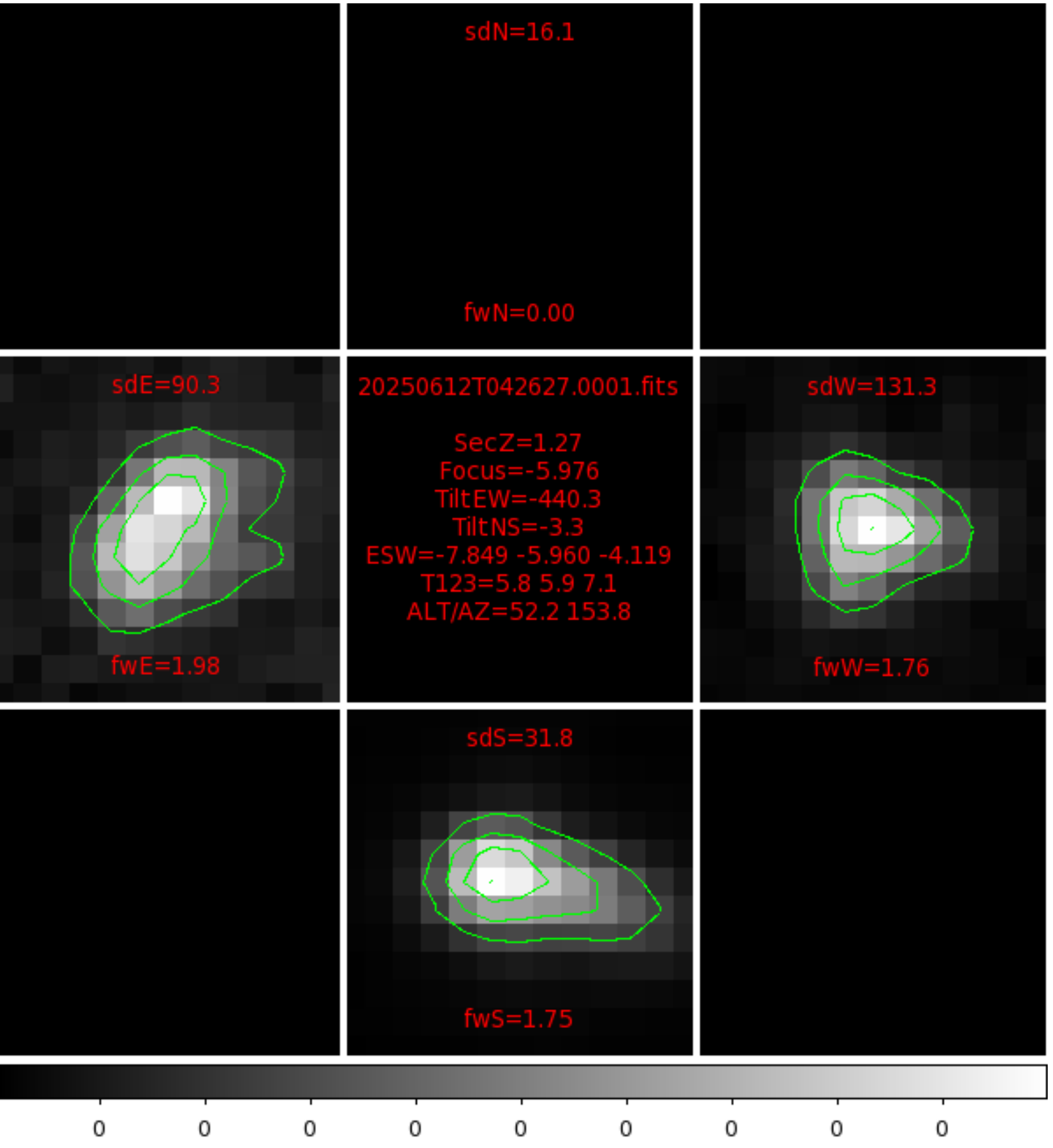
sdN=16.1
fwN=0.00
sdE=90.3
fwE=1.98
20250612T042627.0001.fits
SecZ=1.27
Focus=-5.976
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.849 -5.960 -4.119
T123=5.8 5.9 7.1
ALT/AZ=52.2 153.8
sdW=131.3
fwW=1.76
sdS=31.8
fwS=1.75
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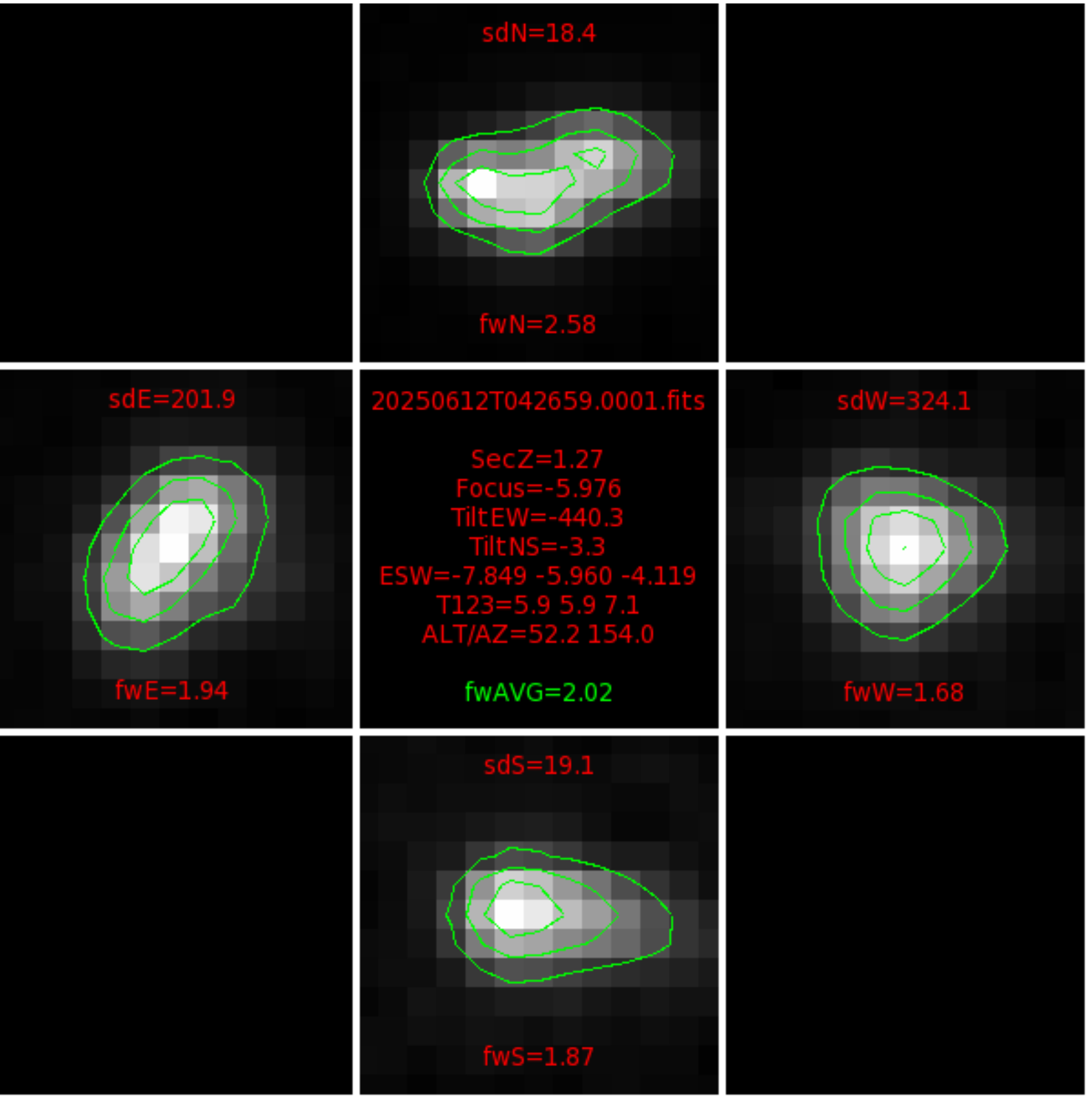
sdN=18.4
fwN=2.58
sdE=201.9
fwE=1.94
20250612T042659.0001.fits
SecZ=1.27
Focus=-5.976
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.849 -5.960 -4.119
T123=5.9 5.9 7.1
ALT/AZ=52.2 154.0
fwAVG=2.02
sdW=324.1
fwW=1.68
sdS=19.1
fwS=1.87
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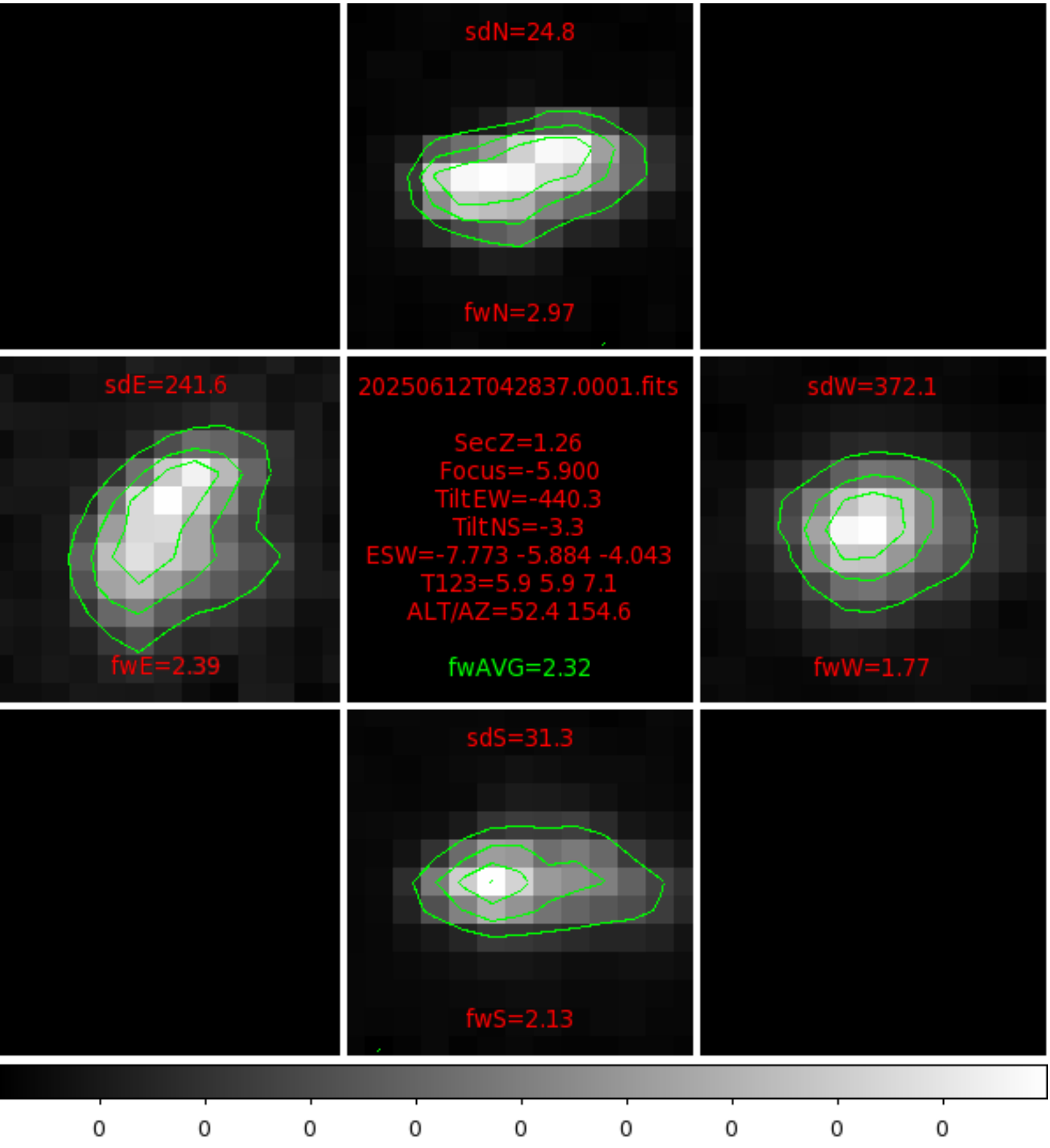
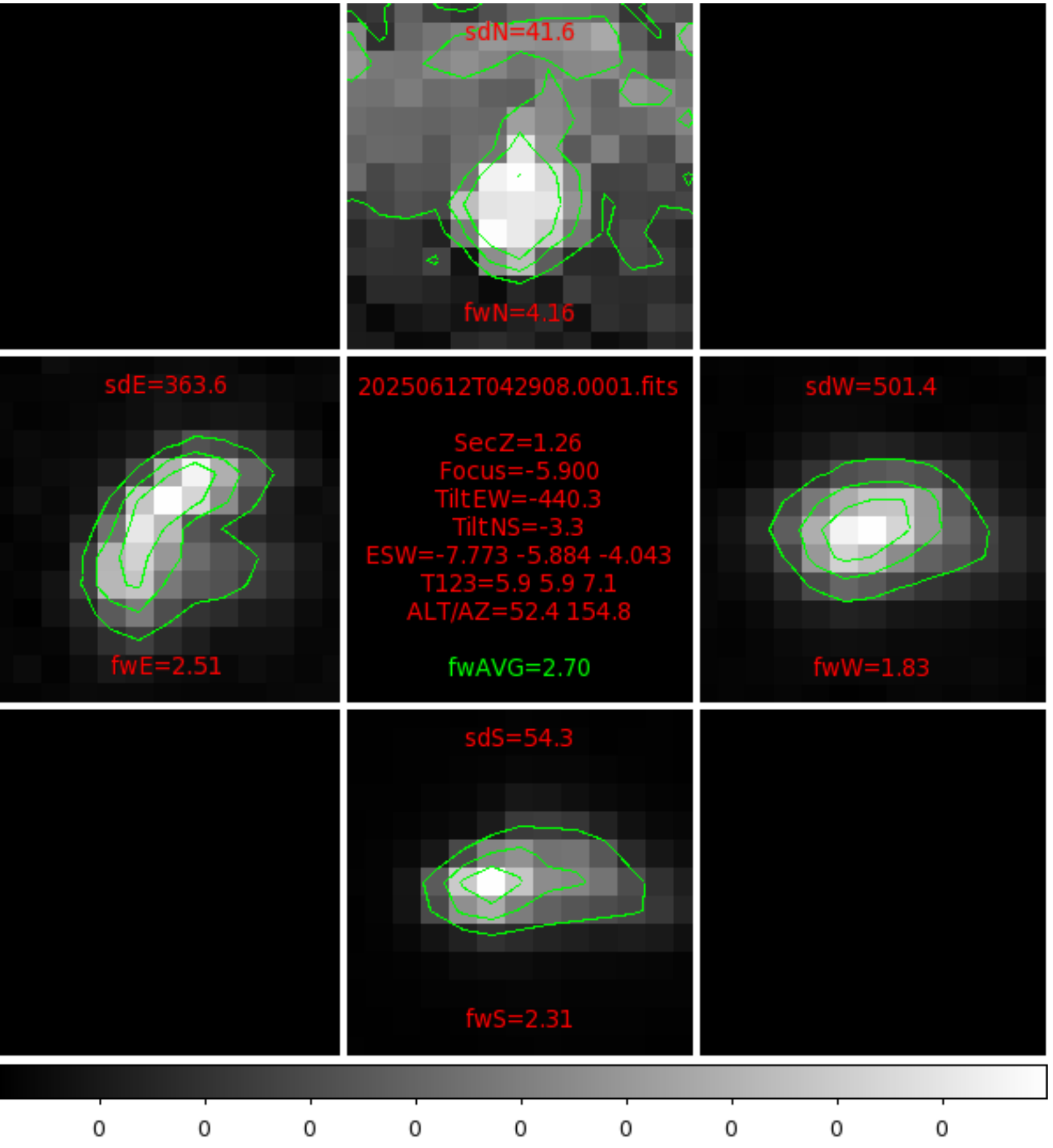

sdN=24.8
fwN=2.97
sdE=241.6
fwE=2.39
20250612T042837.0001.fits
SecZ=1.26
Focus=-5.900
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.773 -5.884 -4.043
T123=5.9 5.9 7.1
ALT/AZ=52.4 154.6
fwAVG=2.32
sdW=372.1
fwW=1.77
sdS=31.3
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=41.6
fwN=4.16
sdE=363.6
fwE=2.51
20250612T042908.0001.fits
SecZ=1.26
Focus=-5.900
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.773 -5.884 -4.043
T123=5.9 5.9 7.1
ALT/AZ=52.4 154.8
fwAVG=2.70
sdW=501.4
fwW=1.83
sdS=54.3
fwS=2.31
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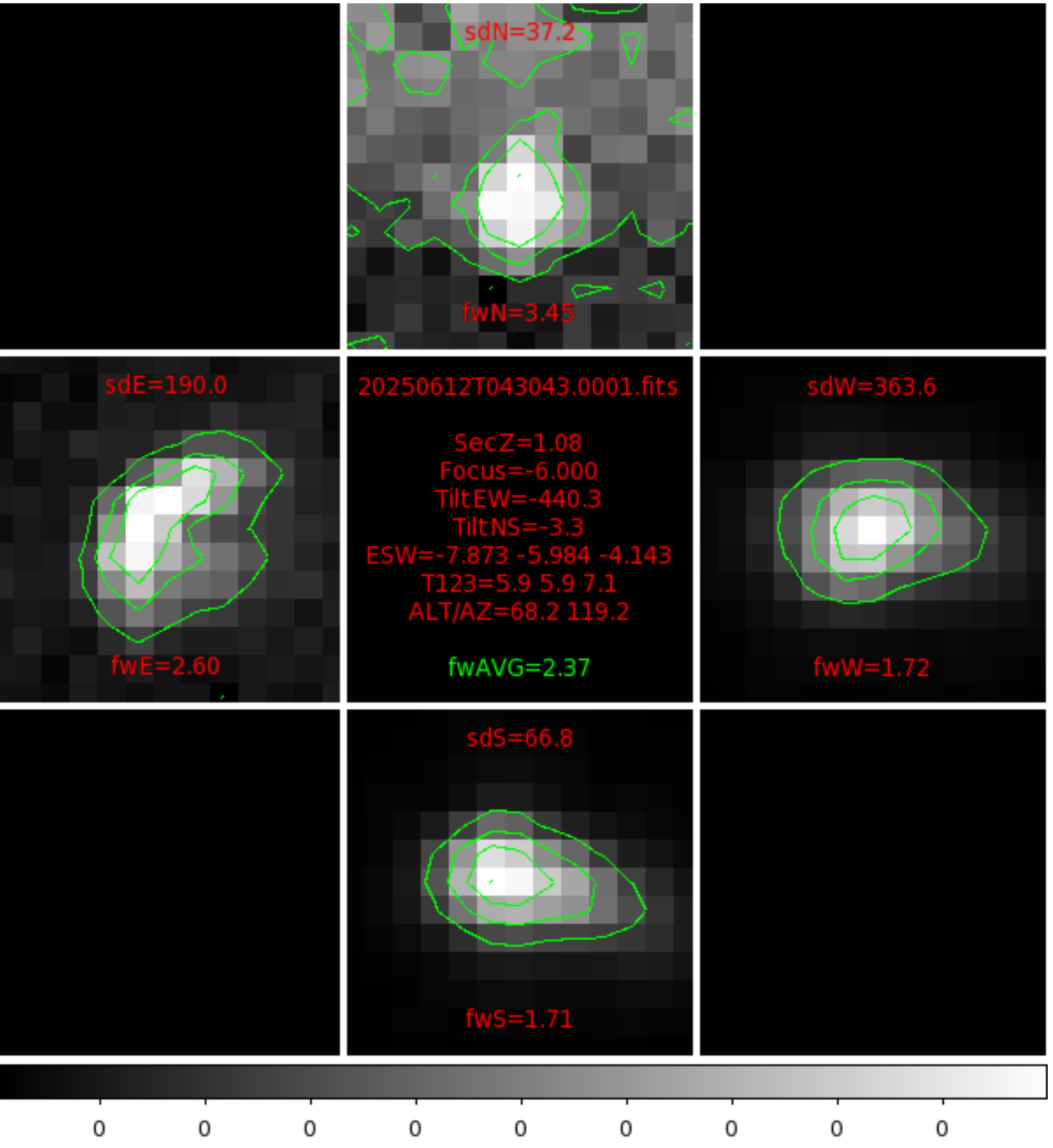
sdN=37.2
fwN=3.45
sdE=190.0
fwE=2.60
20250612T043043.0001.fits
SecZ=1.08
Focus=-6.000
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.873 -5.984 -4.143
T123=5.9 5.9 7.1
ALT/AZ=68.2 119.2
fwAVG=2.37
sdW=363.6
fwW=1.72
sdS=66.8
fwS=1.71
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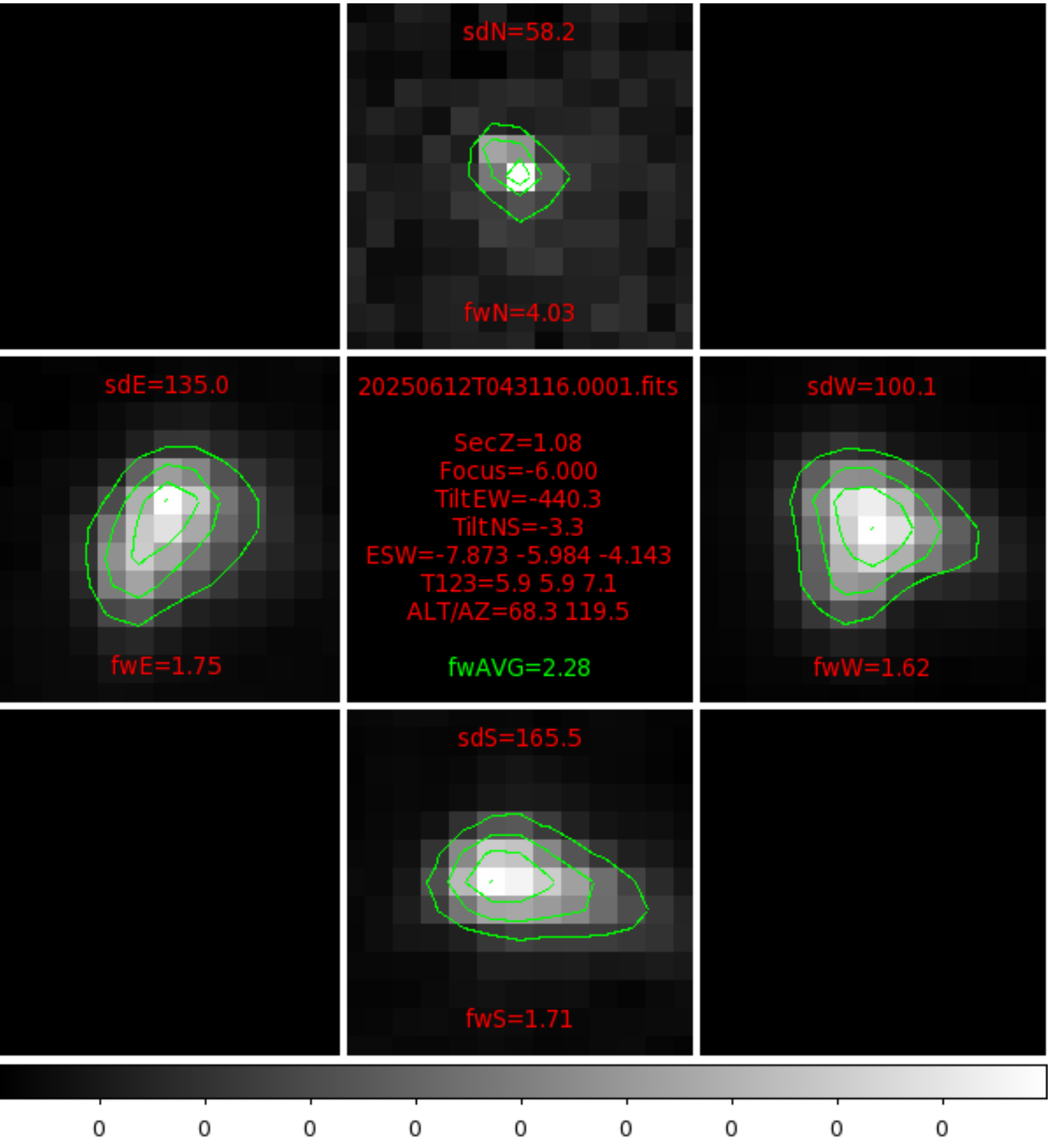
sdN=58.2
fwN=4.03
sdE=135.0
fwE=1.75
20250612T043116.0001.fits
SecZ=1.08
Focus=-6.000
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.873 -5.984 -4.143
T123=5.9 5.9 7.1
ALT/AZ=68.3 119.5
fwAVG=2.28
sdW=100.1
fwW=1.62
sdS=165.5
fwS=1.71
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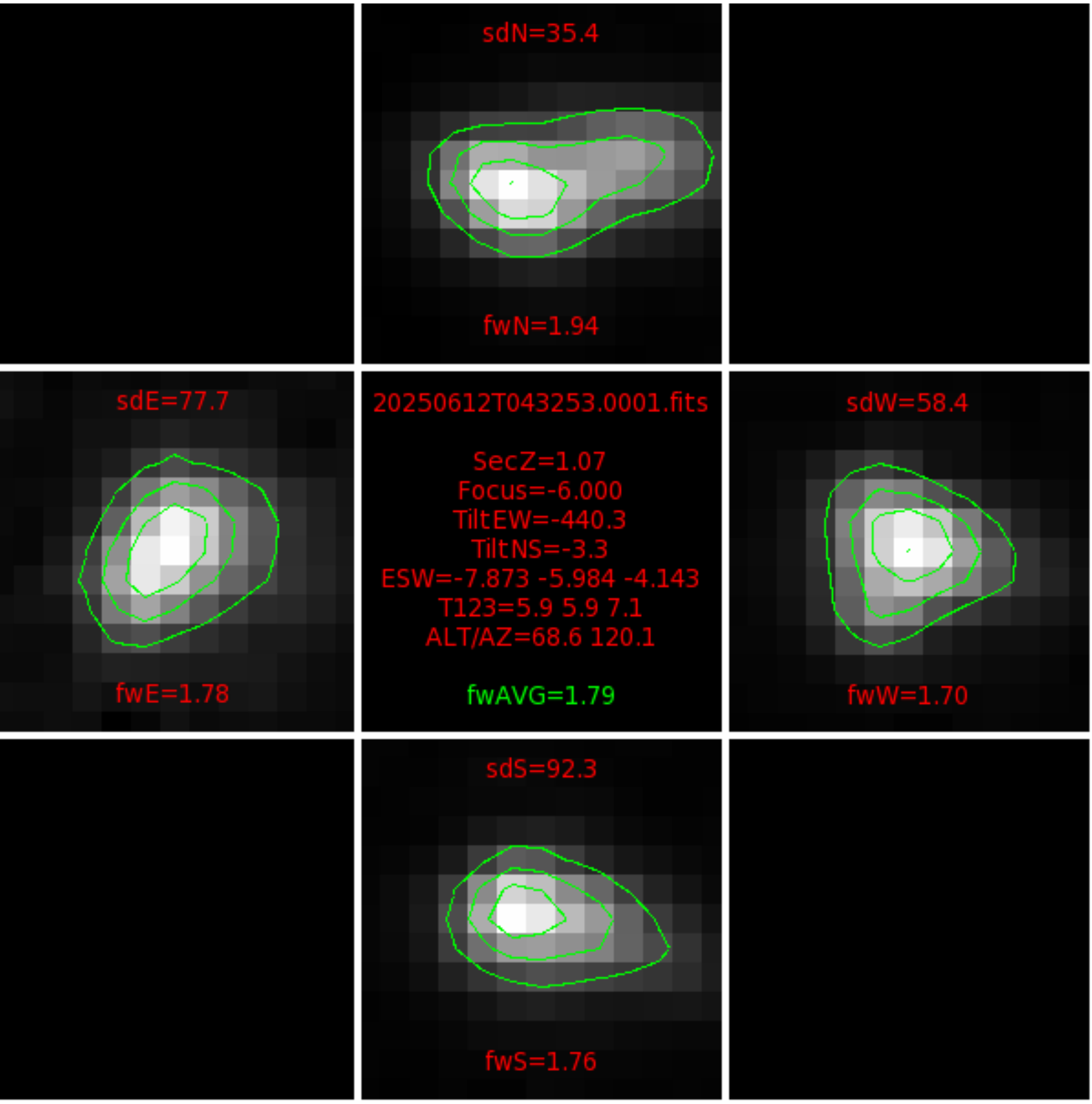
sdN=35.4
fwN=1.94
sdE=77.7
fwE=1.78
20250612T043253.0001.fits
SecZ=1.07
Focus=-6.000
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.873 -5.984 -4.143
T123=5.9 5.9 7.1
ALT/AZ=68.6 120.1
fwAVG=1.79
sdW=58.4
fwW=1.70
sdS=92.3
fwS=1.76
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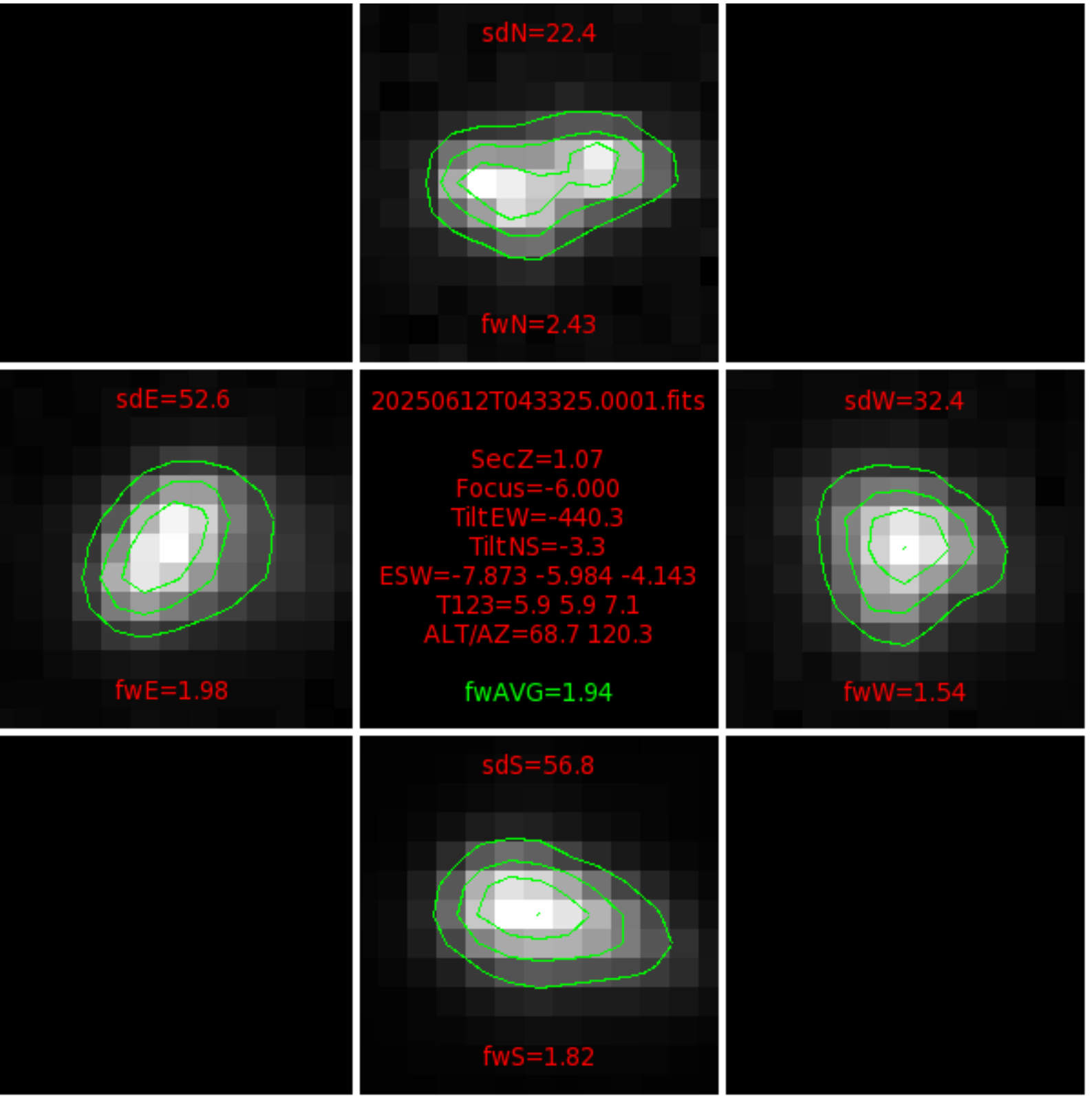
sdN=22.4
fwN=2.43
sdE=52.6
fwE=1.98
20250612T043325.0001.fits
SecZ=1.07
Focus=-6.000
TiltEW=-440.3
TiltNS=-3.3
ESW=-7.873 -5.984 -4.143
T123=5.9 5.9 7.1
ALT/AZ=68.7 120.3
fwAVG=1.94
sdW=32.4
fwW=1.54
sdS=56.8
fwS=1.82
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