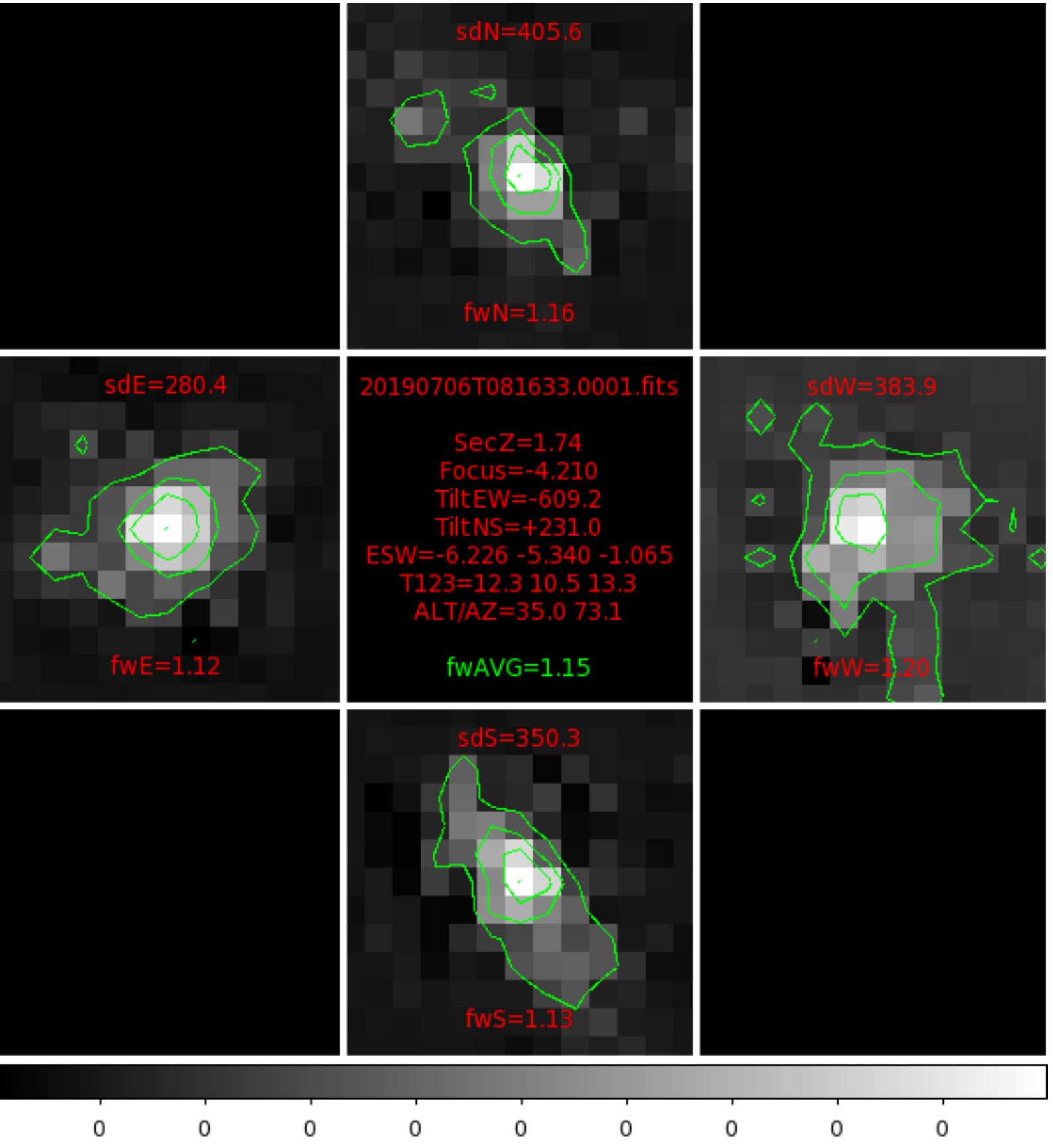
sdN=405.6
fwN=1.16
sdE=280.4
fwE=1.12
20190706T081633.0001.fits
SecZ=1.74
Focus=-4.210
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.226 -5.340 -1.065
T123=12.3 10.5 13.3
ALT/AZ=35.0 73.1
fwAVG=1.15
sdW=383.9
fwW=1.20
sdS=350.3
fwS=1.13
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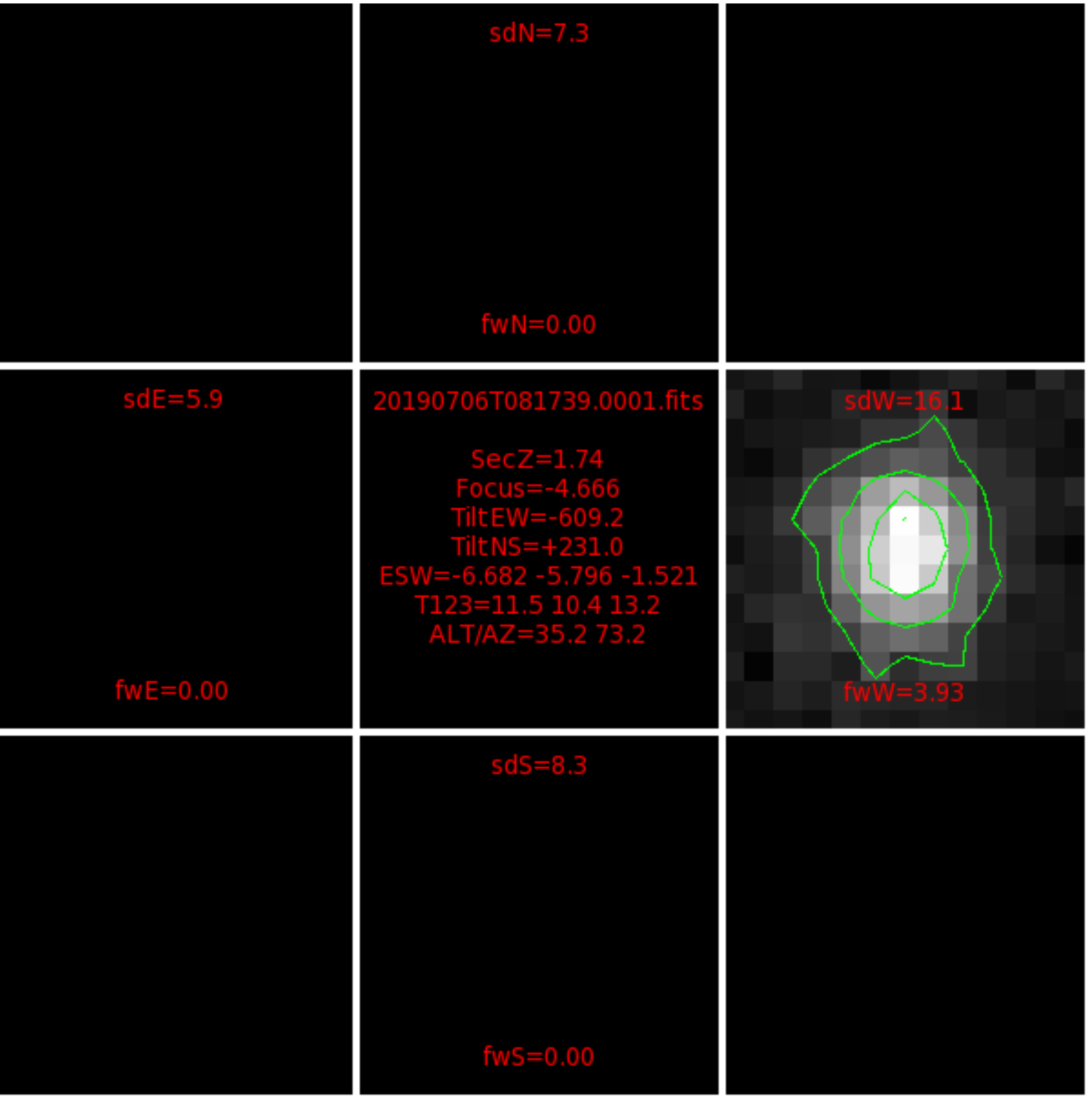
sdN=7.3
fwN=0.00
sdE=5.9
20190706T081739.0001.fits
SecZ=1.74
Focus=-4.666
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.682 -5.796 -1.521
T123=11.5 10.4 13.2
ALT/AZ=35.2 73.2
sdW=16.1
fwE=0.00
fwW=3.93
sdS=8.3
fwS=0.00
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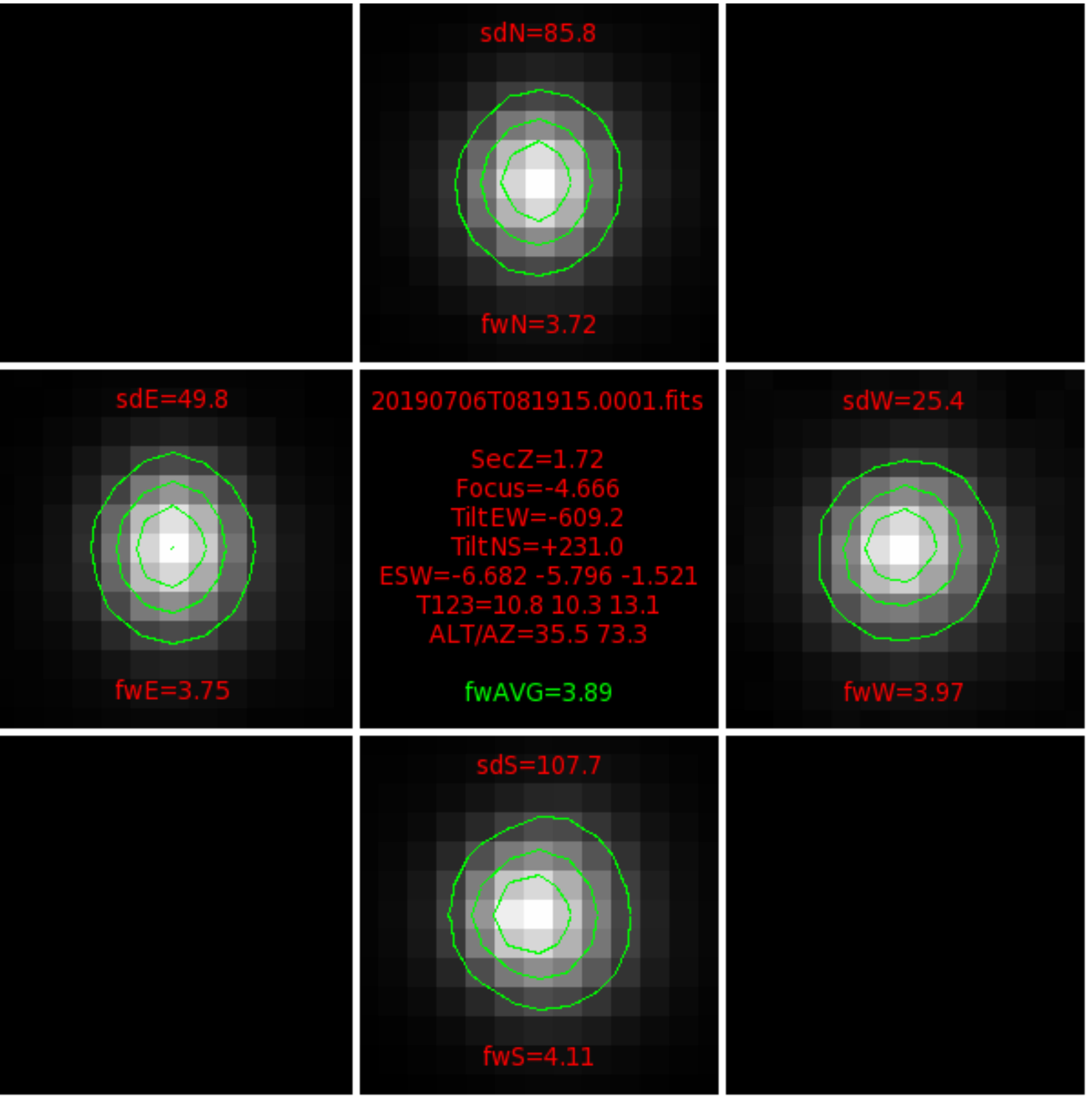
sdN=85.8
fwN=3.72
sdE=49.8
fwE=3.75
20190706T081915.0001.fits
SecZ=1.72
Focus=-4.666
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.682 -5.796 -1.521
T123=10.8 10.3 13.1
ALT/AZ=35.5 73.3
fwAVG=3.89
sdW=25.4
fwW=3.97
sdS=107.7
fwS=4.11
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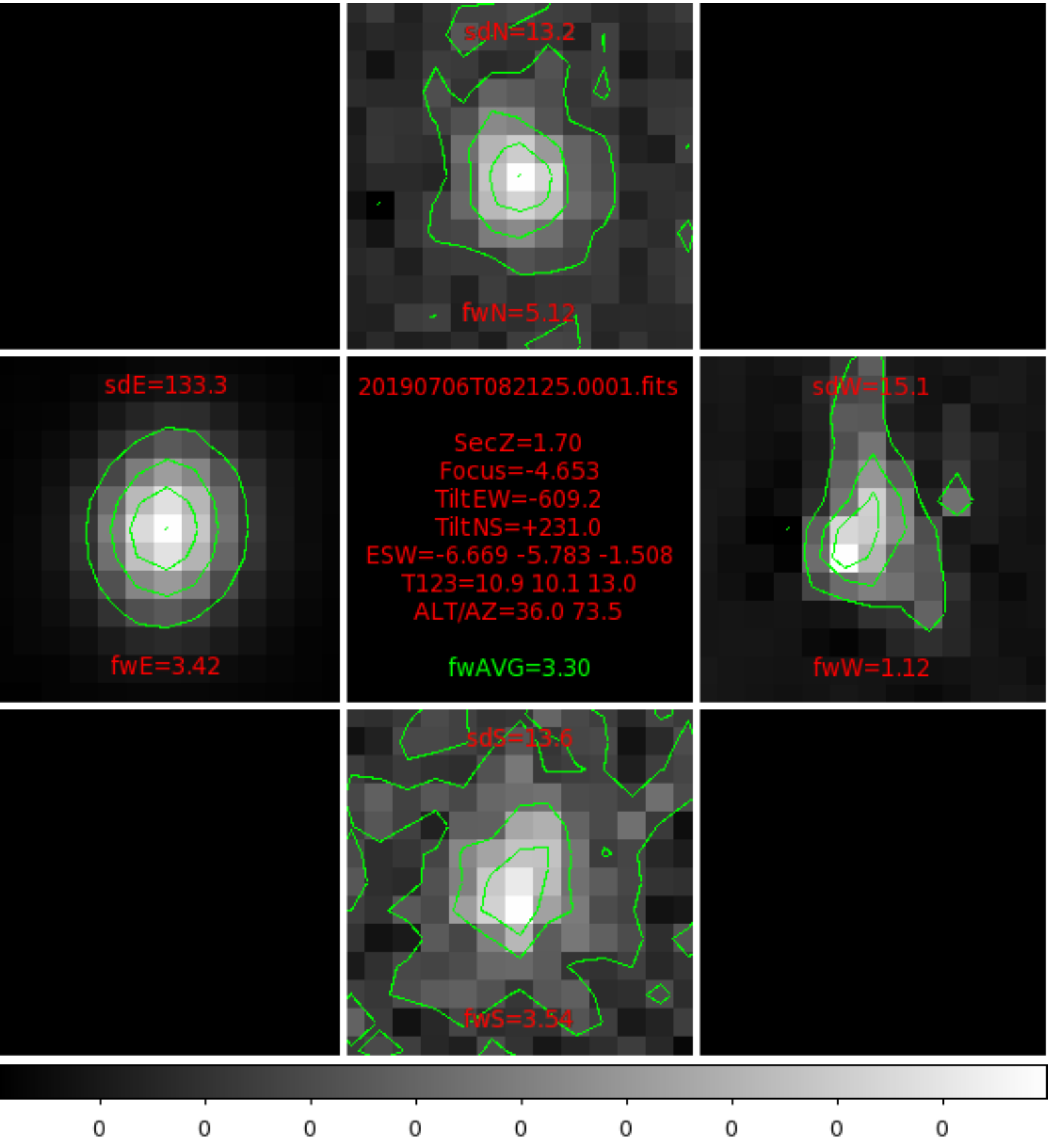
sdN=13.2
fwN=5.12
sdE=133.3
fwE=3.42
20190706T082125.0001.fits
SecZ=1.70
Focus=-4.653
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.669 -5.783 -1.508
T123=10.9 10.1 13.0
ALT/AZ=36.0 73.5
fwAVG=3.30
sdW=15.1
fwW=1.12
sdS=13.6
fwS=3.54
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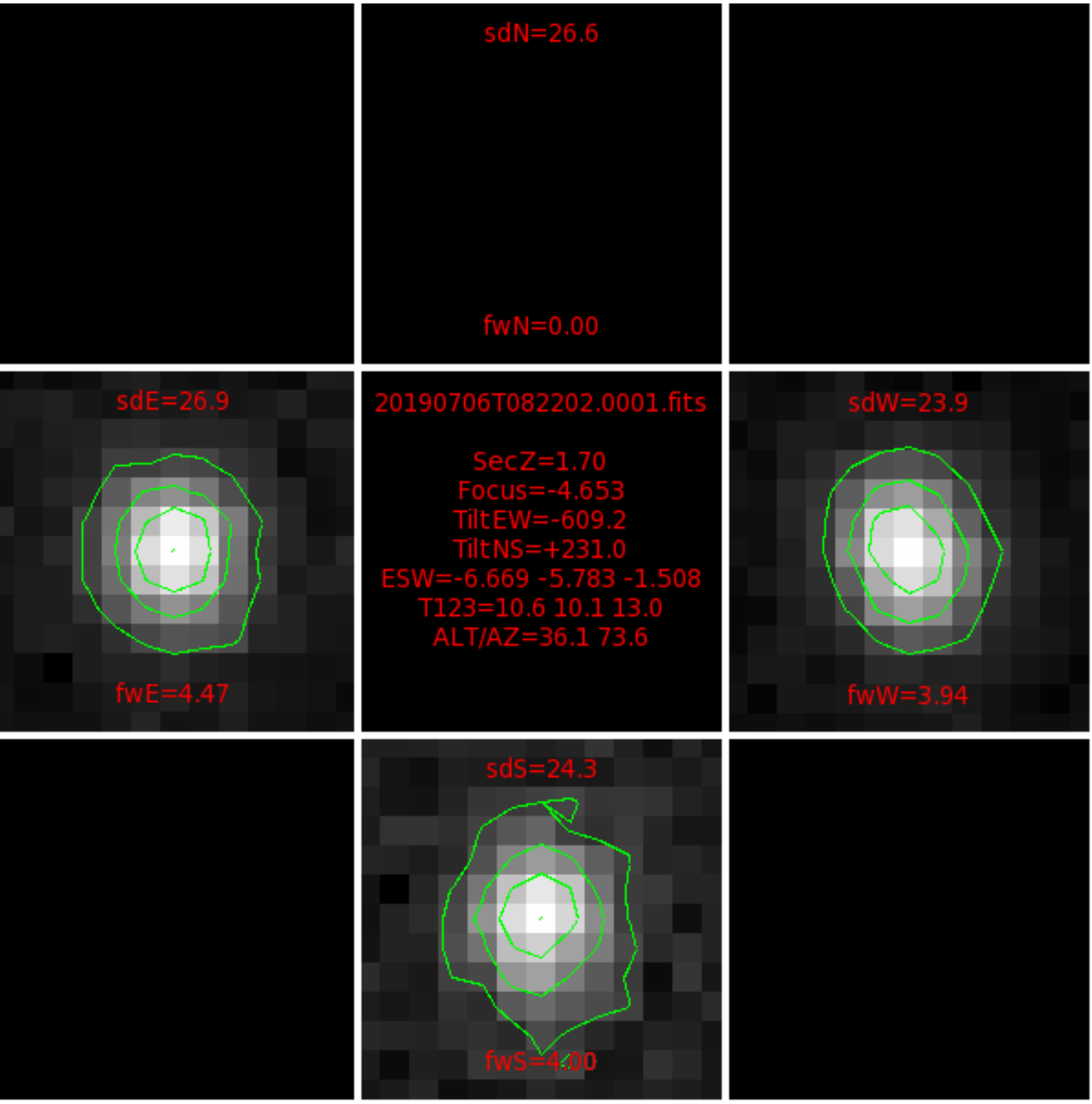
sdN=26.6
fwN=0.00
sdE=26.9
fwE=4.47
20190706T082202.0001.fits
SecZ=1.70
Focus=-4.653
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.669 -5.783 -1.508
T123=10.6 10.1 13.0
ALT/AZ=36.1 73.6
sdW=23.9
fwW=3.94
sdS=24.3
fwS=4.00
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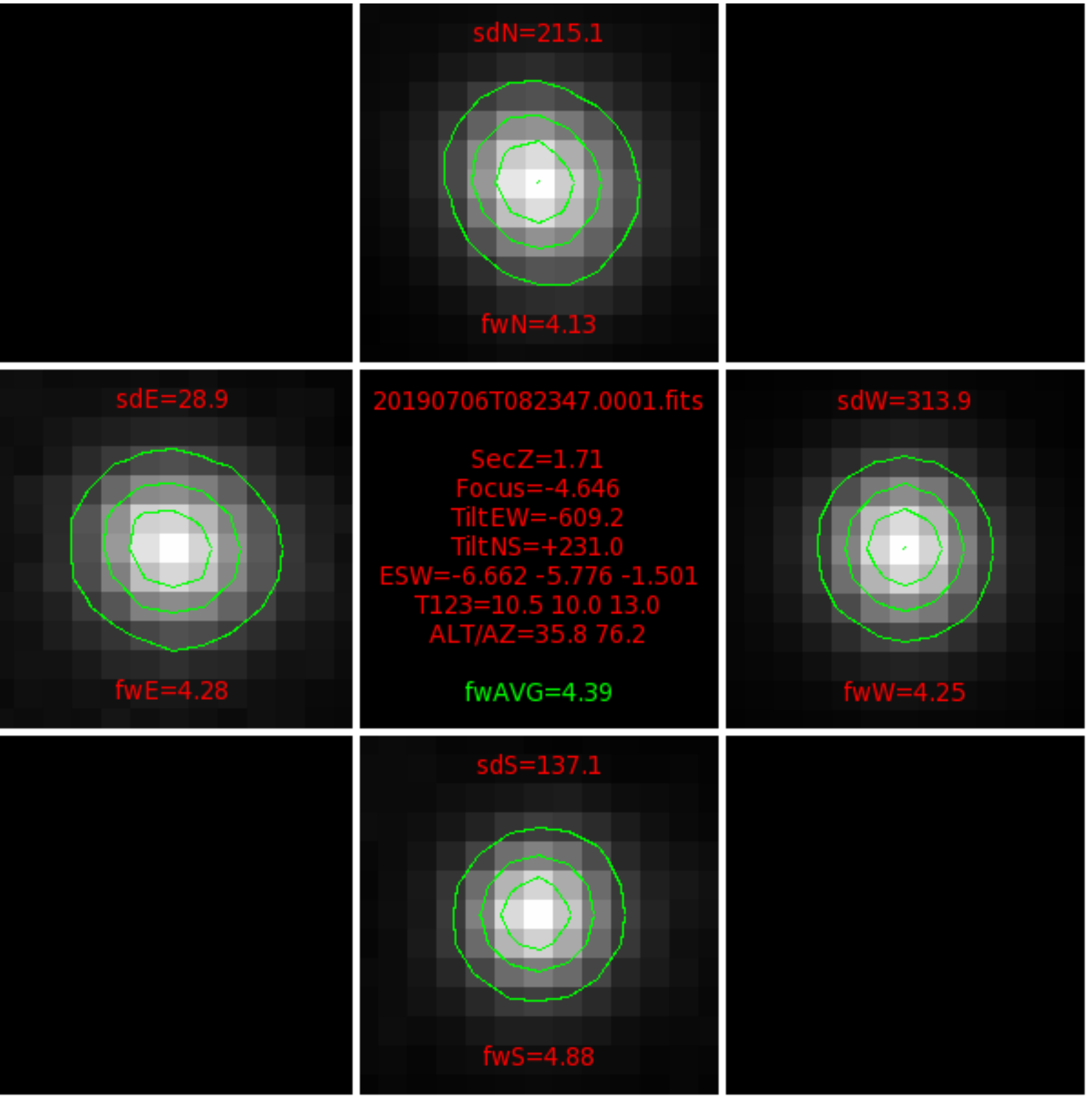
sdN=215.1
fwN=4.13
sdE=28.9
fwE=4.28
20190706T082347.0001.fits
SecZ=1.71
Focus=-4.646
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.662 -5.776 -1.501
T123=10.5 10.0 13.0
ALT/AZ=35.8 76.2
fwAVG=4.39
sdW=313.9
fwW=4.25
sdS=137.1
fwS=4.88
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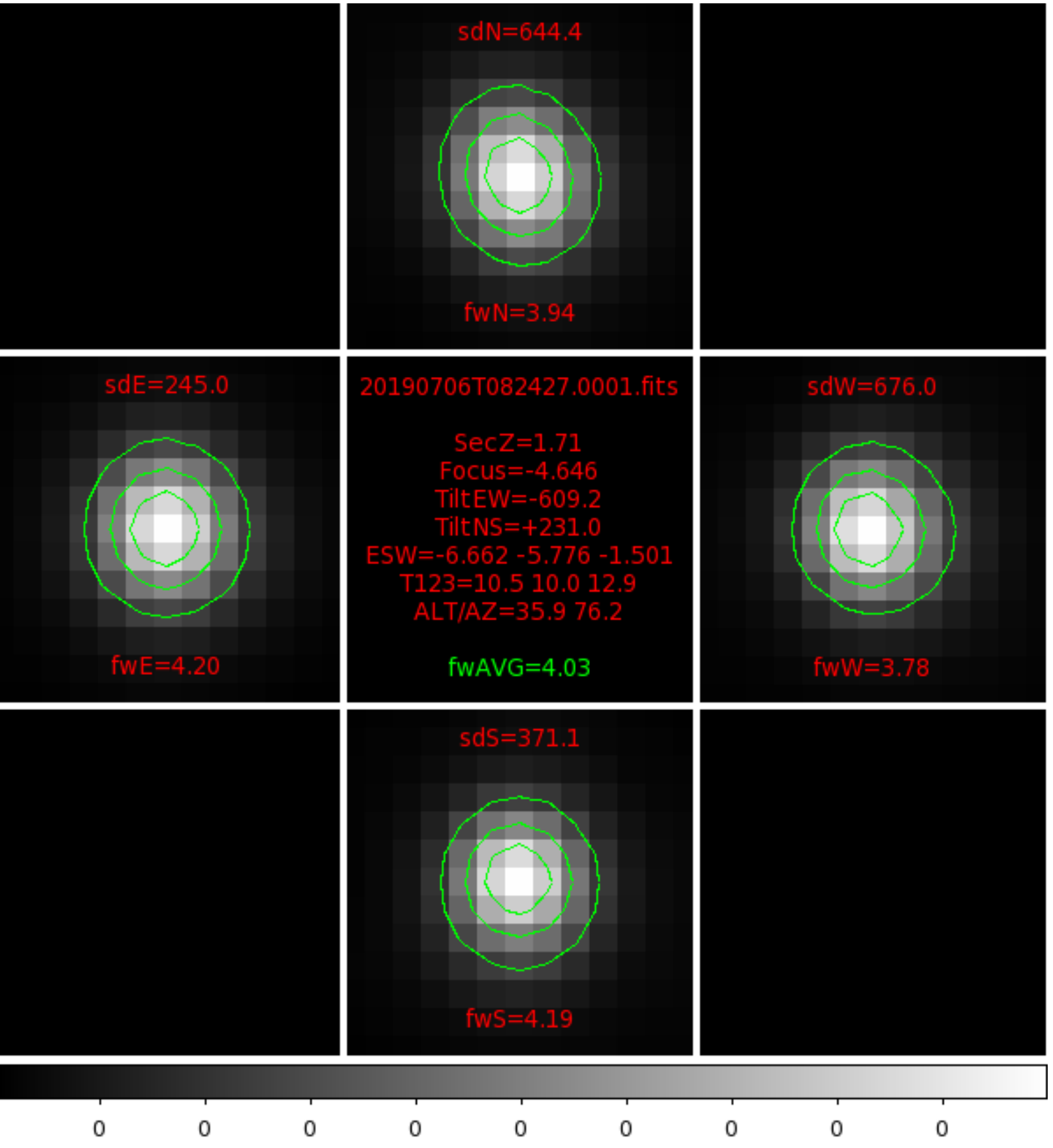
sdN=644.4
fwN=3.94
sdE=245.0
fwE=4.20
20190706T082427.0001.fits
SecZ=1.71
Focus=-4.646
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.662 -5.776 -1.501
T123=10.5 10.0 12.9
ALT/AZ=35.9 76.2
fwAVG=4.03
sdW=676.0
fwW=3.78
sdS=371.1
fwS=4.19
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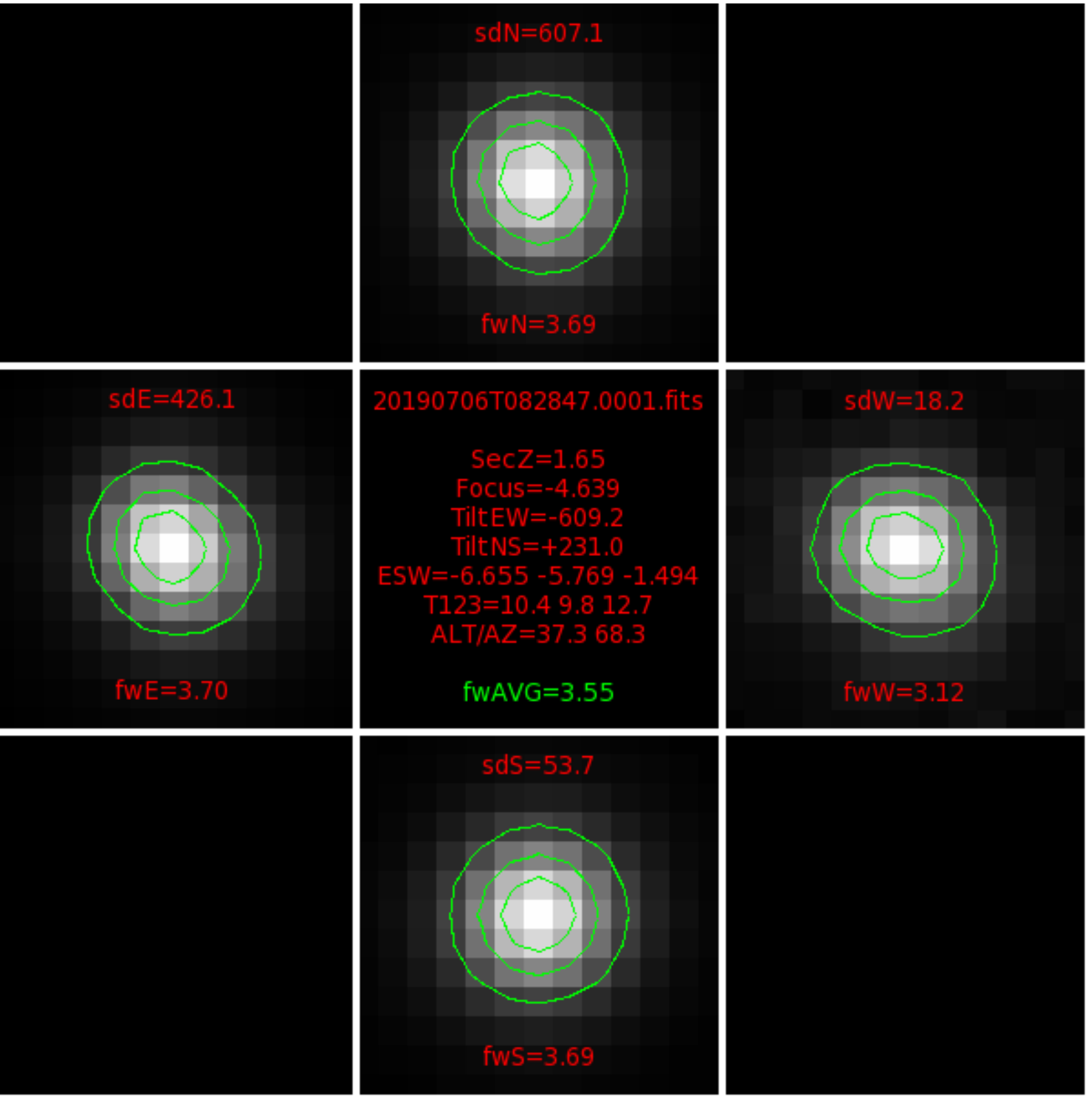
sdN=607.1
fwN=3.69
sdE=426.1
fwE=3.70
20190706T082847.0001.fits
SecZ=1.65
Focus=-4.639
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.655 -5.769 -1.494
T123=10.4 9.8 12.7
ALT/AZ=37.3 68.3
fwAVG=3.55
sdW=18.2
fwW=3.12
sdS=53.7
fwS=3.69
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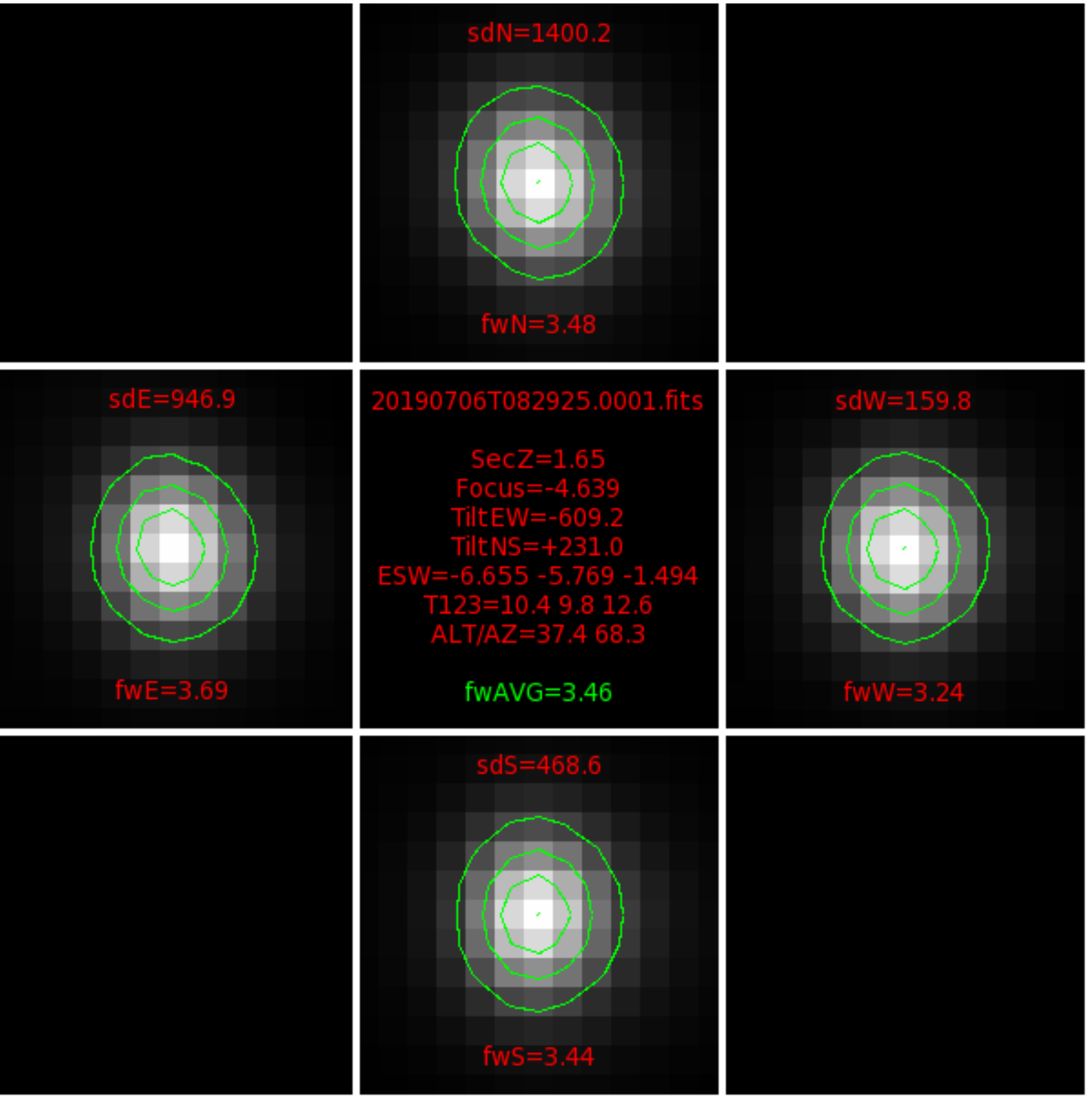
sdN=1400.2
fwN=3.48
sdE=946.9
fwE=3.69
20190706T082925.0001.fits
SecZ=1.65
Focus=-4.639
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.655 -5.769 -1.494
T123=10.4 9.8 12.6
ALT/AZ=37.4 68.3
fwAVG=3.46
sdW=159.8
fwW=3.24
sdS=468.6
fwS=3.44
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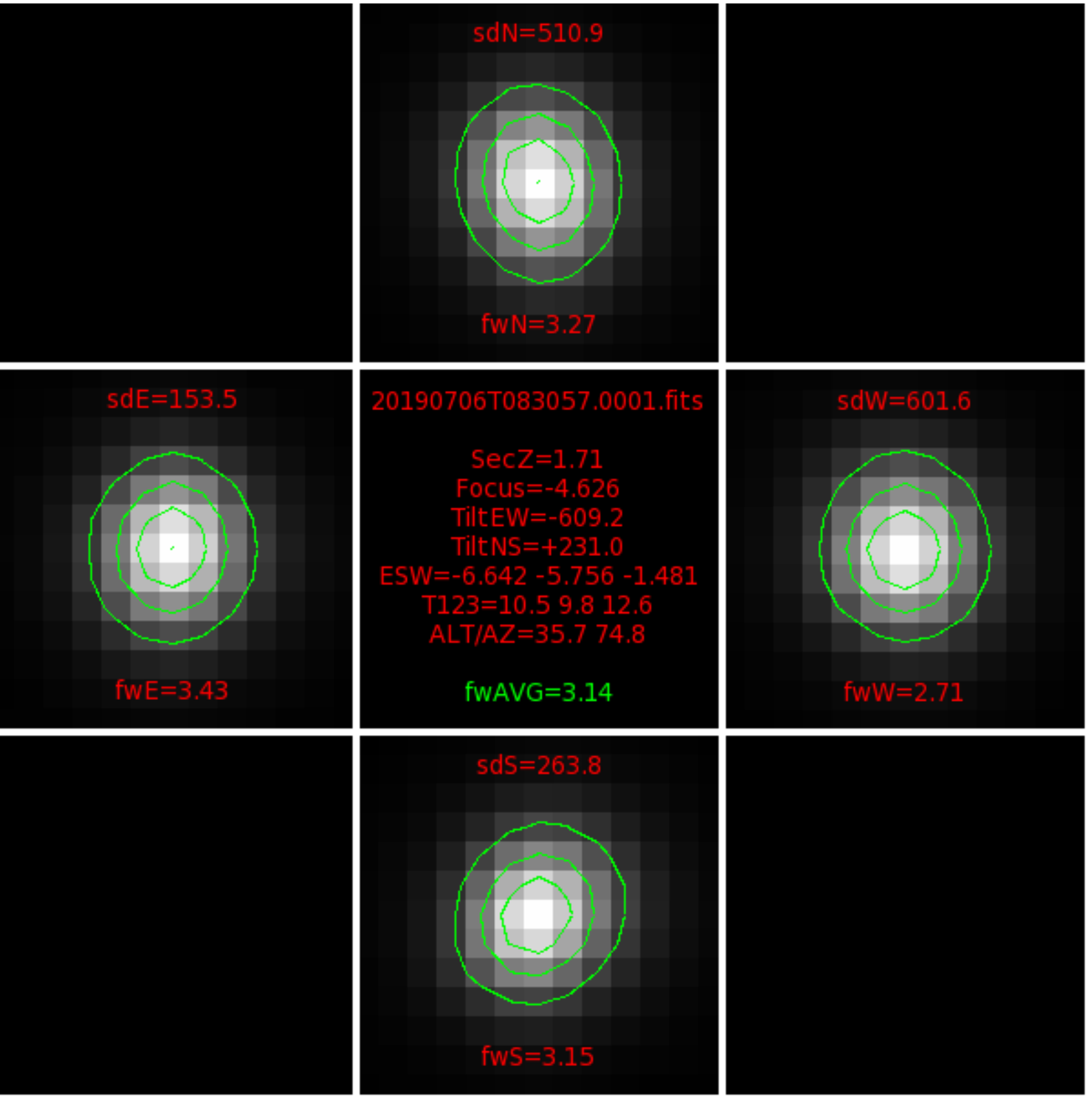
sdN=510.9
fwN=3.27
sdE=153.5
fwE=3.43
20190706T083057.0001.fits
SecZ=1.71
Focus=-4.626
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.642 -5.756 -1.481
T123=10.5 9.8 12.6
ALT/AZ=35.7 74.8
fwAVG=3.14
sdW=601.6
fwW=2.71
sdS=263.8
fwS=3.15
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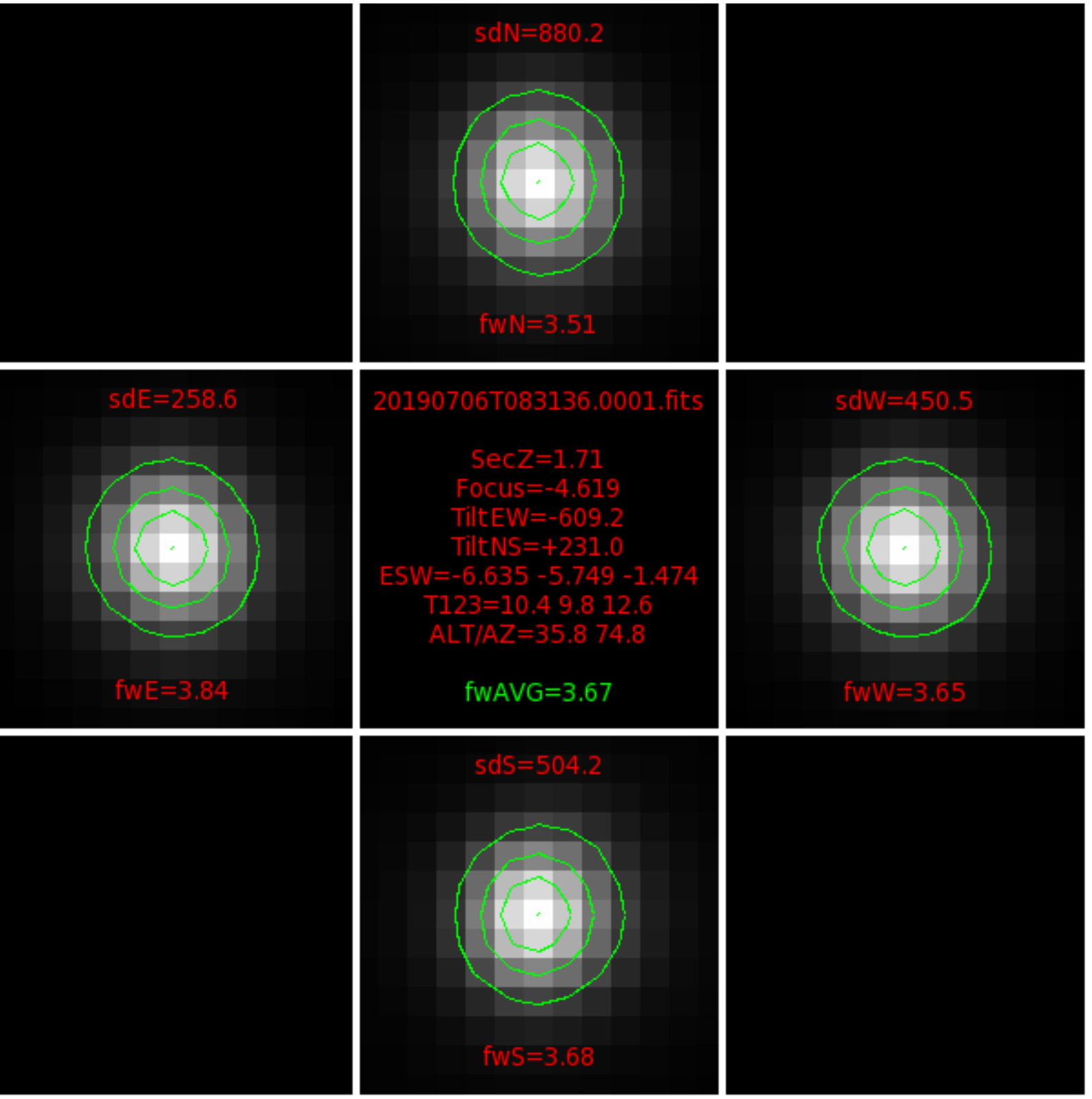
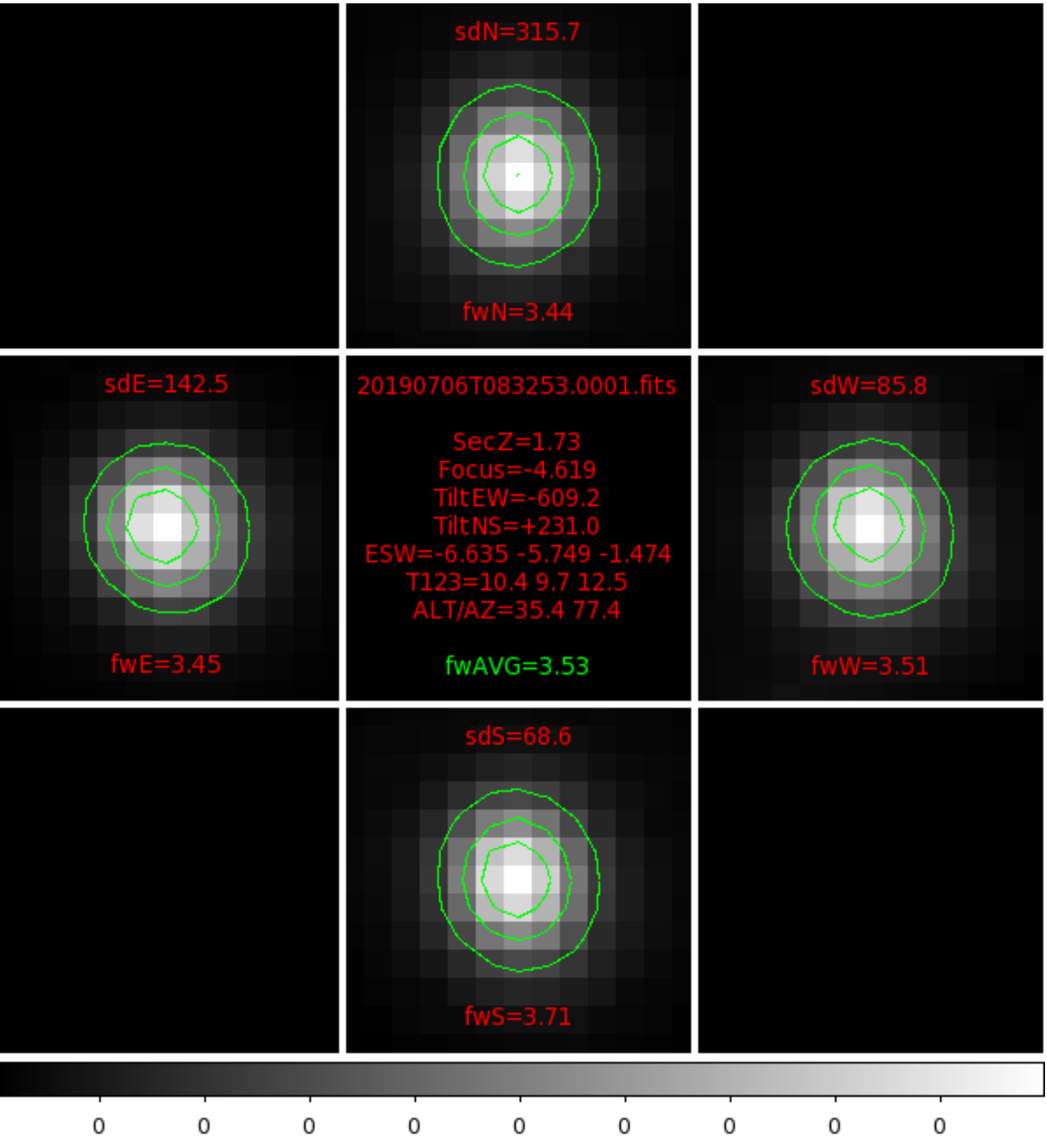

sdN=880.2
fwN=3.51
sdE=258.6
fwE=3.84
20190706T083136.0001.fits
SecZ=1.71
Focus=-4.619
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.635 -5.749 -1.474
T123=10.4 9.8 12.6
ALT/AZ=35.8 74.8
fwAVG=3.67
sdW=450.5
fwW=3.65
sdS=504.2
fwS=3.68
0 0 0 0 0 0 0 0 0


sdN=315.7
fwN=3.44
sdE=142.5
fwE=3.45
20190706T083253.0001.fits
SecZ=1.73
Focus=-4.619
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.635 -5.749 -1.474
T123=10.4 9.7 12.5
ALT/AZ=35.4 77.4
fwAVG=3.53
sdW=85.8
fwW=3.51
sdS=68.6
fwS=3.71
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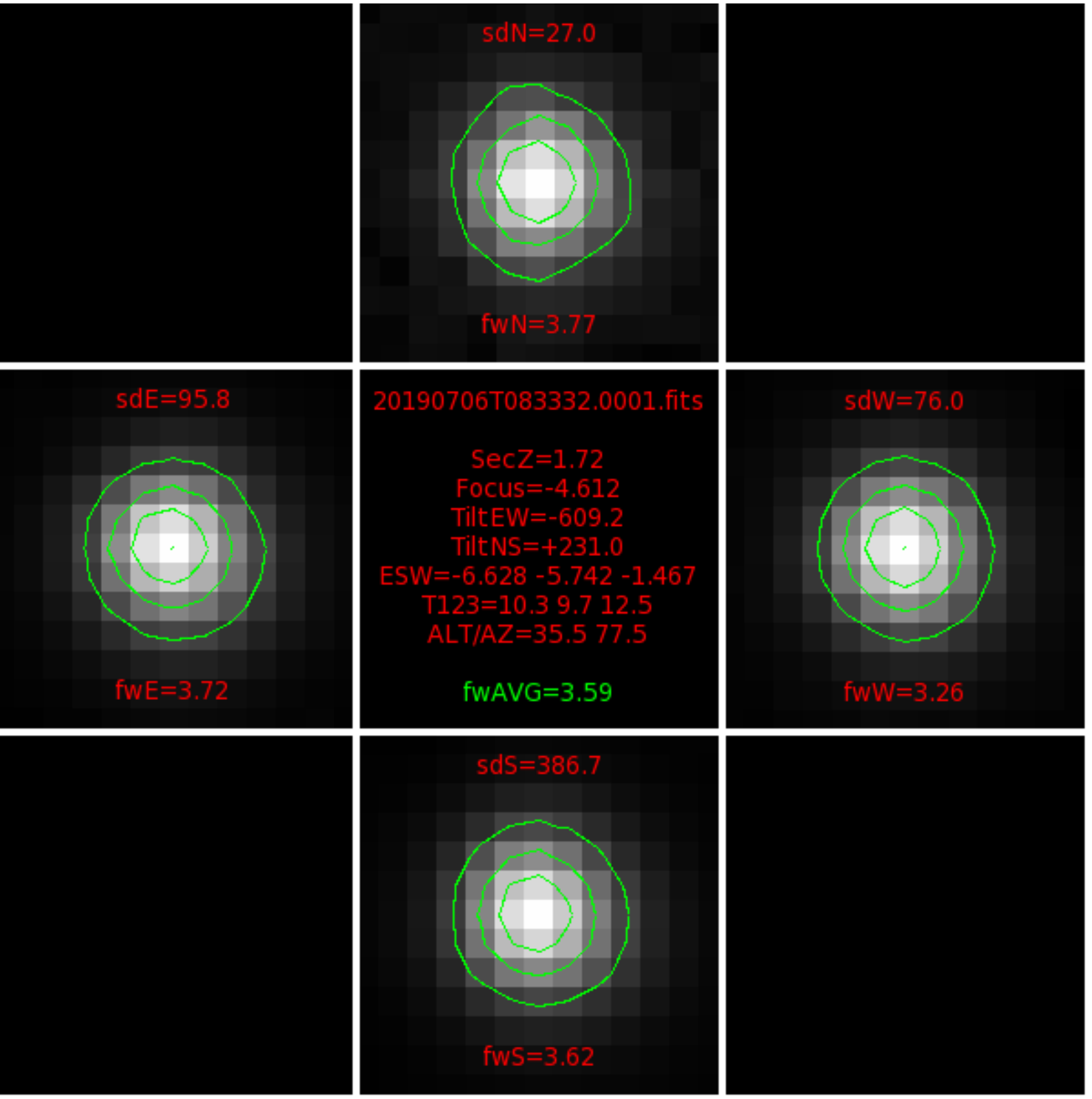
sdN=27.0
fwN=3.77
sdE=95.8
fwE=3.72
20190706T083332.0001.fits
SecZ=1.72
Focus=-4.612
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.628 -5.742 -1.467
T123=10.3 9.7 12.5
ALT/AZ=35.5 77.5
fwAVG=3.59
sdW=76.0
fwW=3.26
sdS=386.7
fwS=3.62
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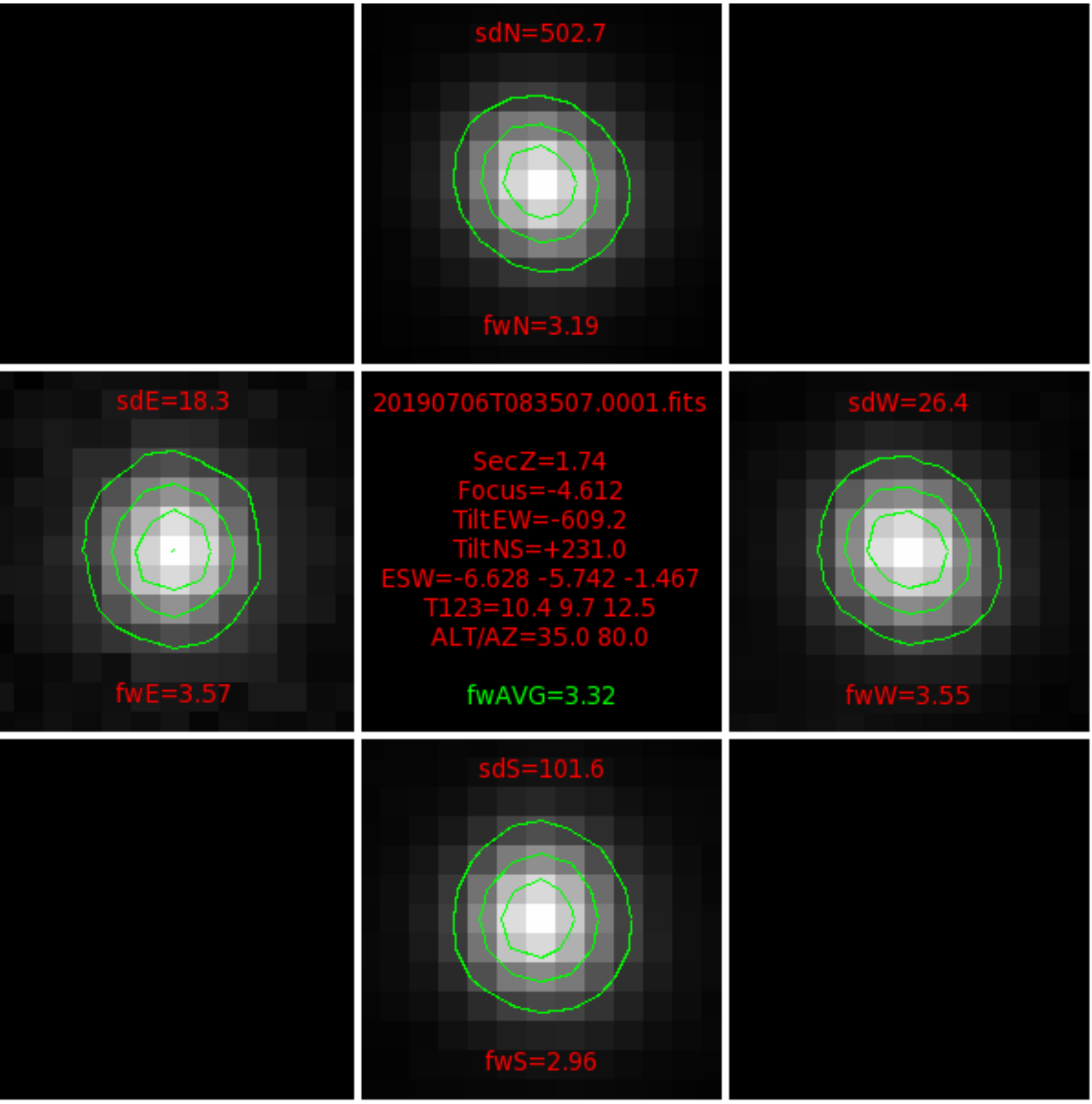
sdN=502.7
fwN=3.19
sdE=18.3
fwE=3.57
20190706T083507.0001.fits
SecZ=1.74
Focus=-4.612
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.628 -5.742 -1.467
T123=10.4 9.7 12.5
ALT/AZ=35.0 80.0
fwAVG=3.32
sdW=26.4
fwW=3.55
sdS=101.6
fwS=2.96
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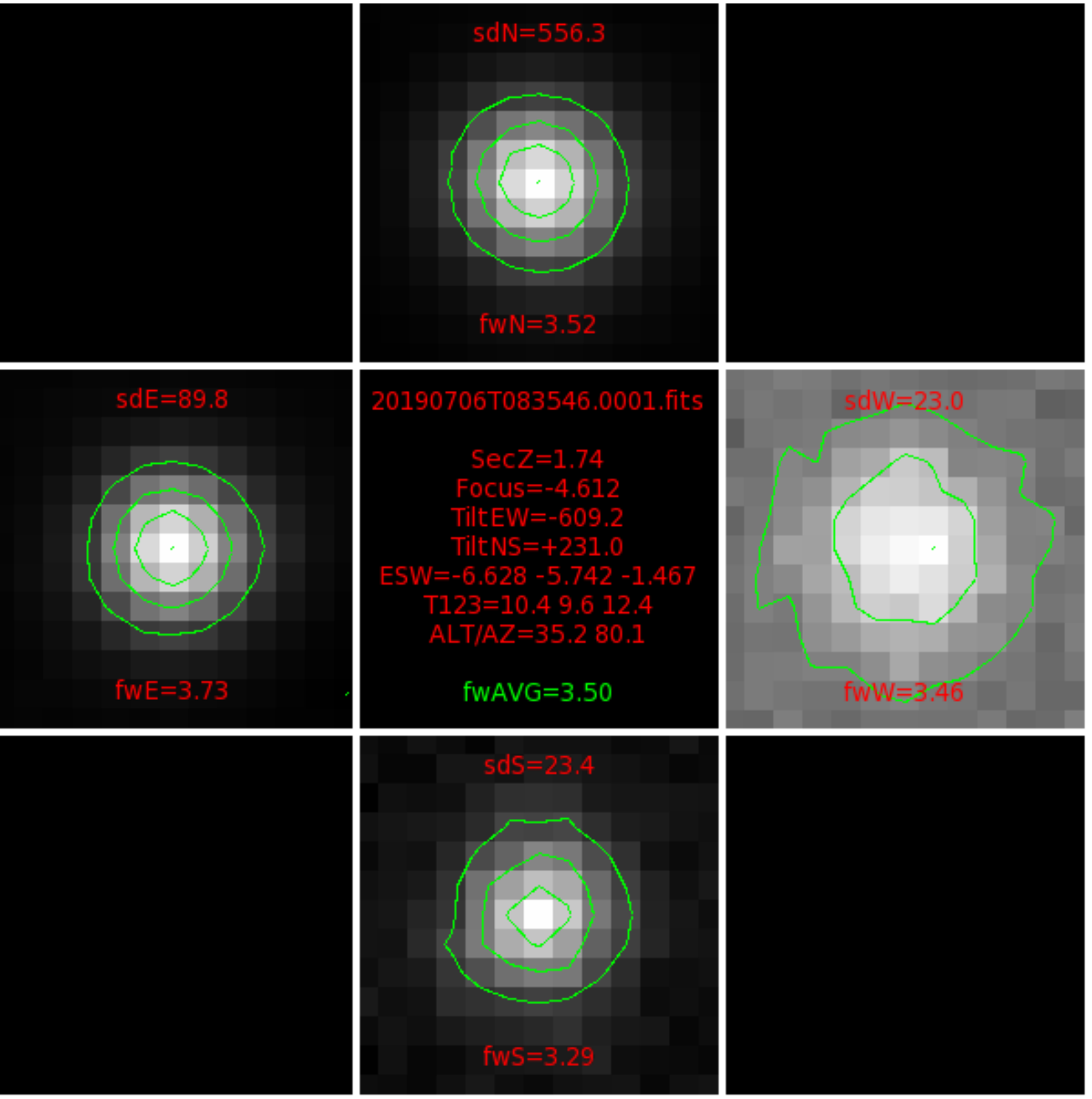
sdN=556.3
fwN=3.52
sdE=89.8
fwE=3.73
20190706T083546.0001.fits
SecZ=1.74
Focus=-4.612
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.628 -5.742 -1.467
T123=10.4 9.6 12.4
ALT/AZ=35.2 80.1
fwAVG=3.50
sdW=23.0
fwW=3.46
sdS=23.4
fwS=3.29
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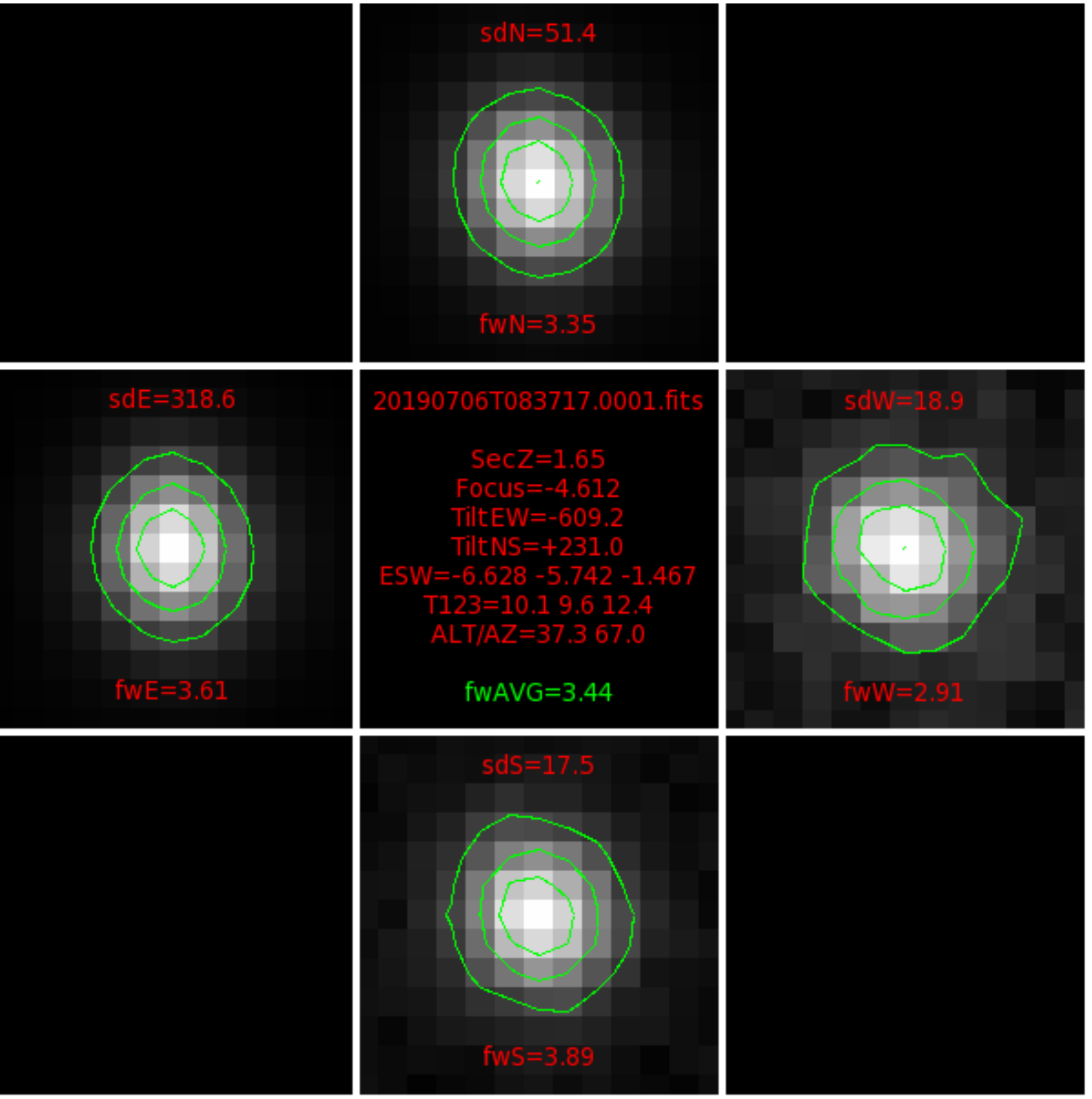
sdN=51.4
fwN=3.35
sdE=318.6
fwE=3.61
20190706T083717.0001.fits
SecZ=1.65
Focus=-4.612
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.628 -5.742 -1.467
T123=10.1 9.6 12.4
ALT/AZ=37.3 67.0
fwAVG=3.44
sdW=18.9
fwW=2.91
sdS=17.5
fwS=3.89
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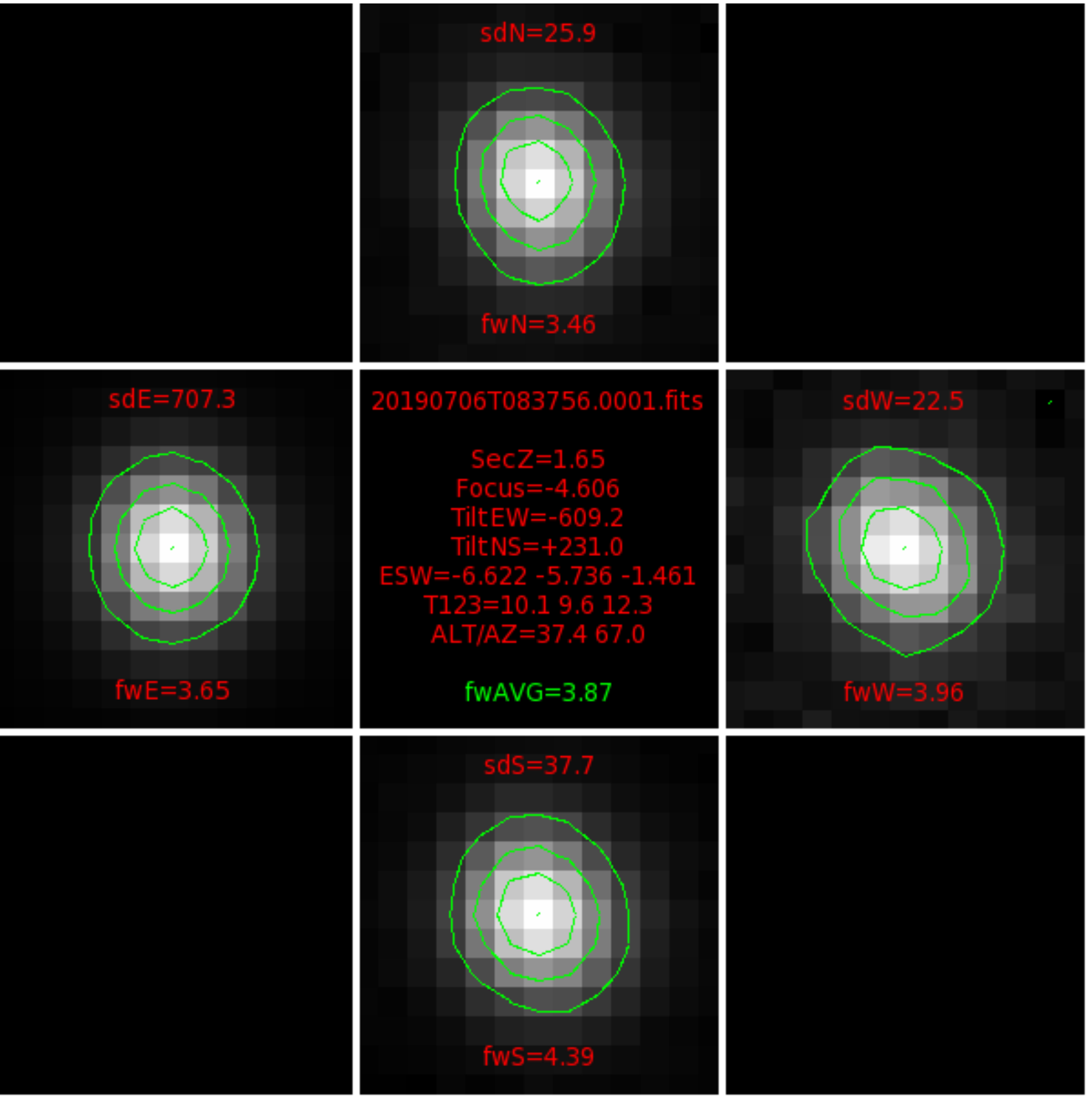
sdN=25.9
fwN=3.46
sdE=707.3
fwE=3.65
20190706T083756.0001.fits
SecZ=1.65
Focus=-4.606
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.622 -5.736 -1.461
T123=10.1 9.6 12.3
ALT/AZ=37.4 67.0
fwAVG=3.87
sdW=22.5
fwW=3.96
sdS=37.7
fwS=4.39
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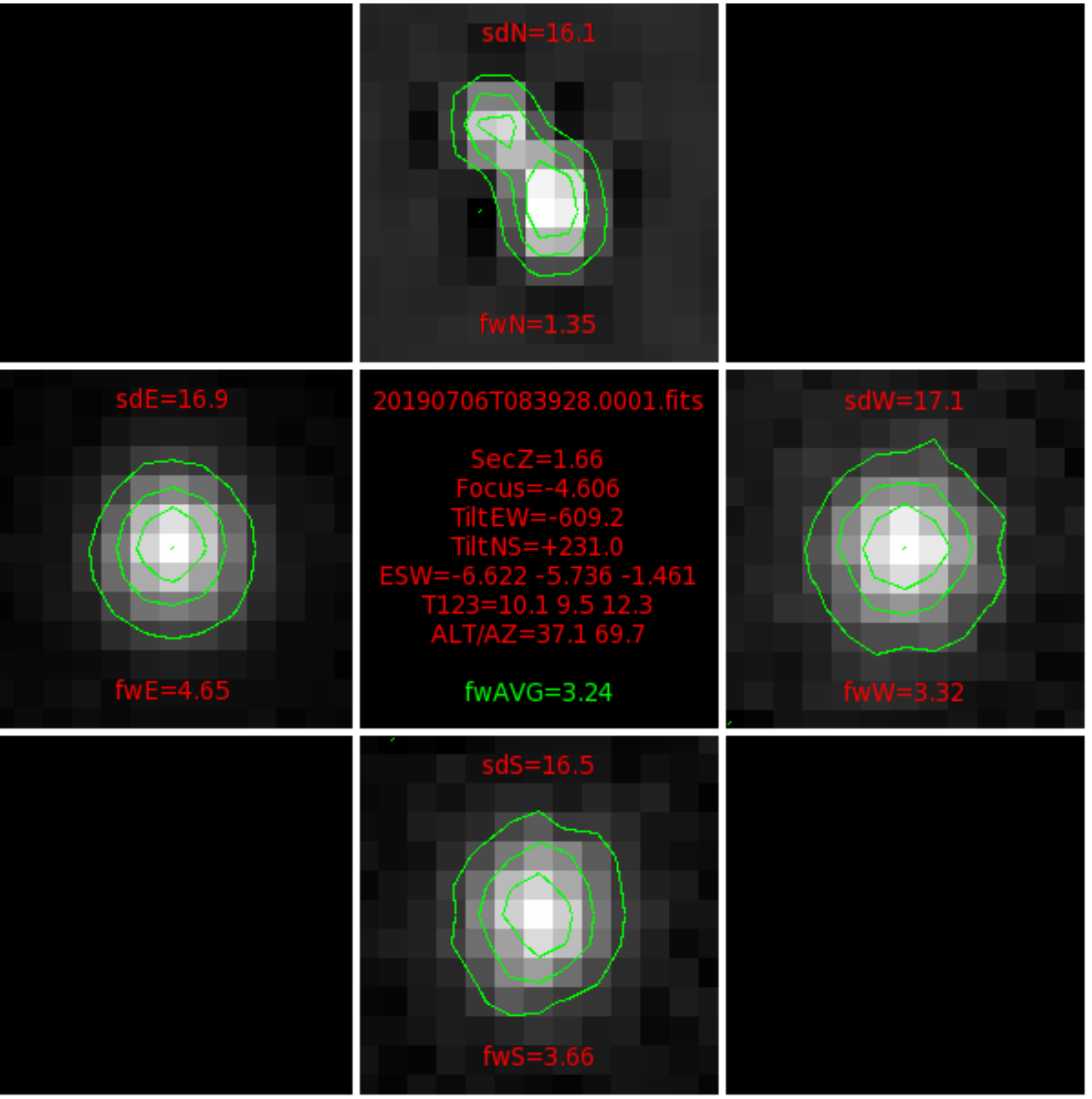
sdN=16.1
fwN=1.35
sdE=16.9
fwE=4.65
20190706T083928.0001.fits
SecZ=1.66
Focus=-4.606
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.622 -5.736 -1.461
T123=10.1 9.5 12.3
ALT/AZ=37.1 69.7
fwAVG=3.24
sdW=17.1
fwW=3.32
sdS=16.5
fwS=3.66
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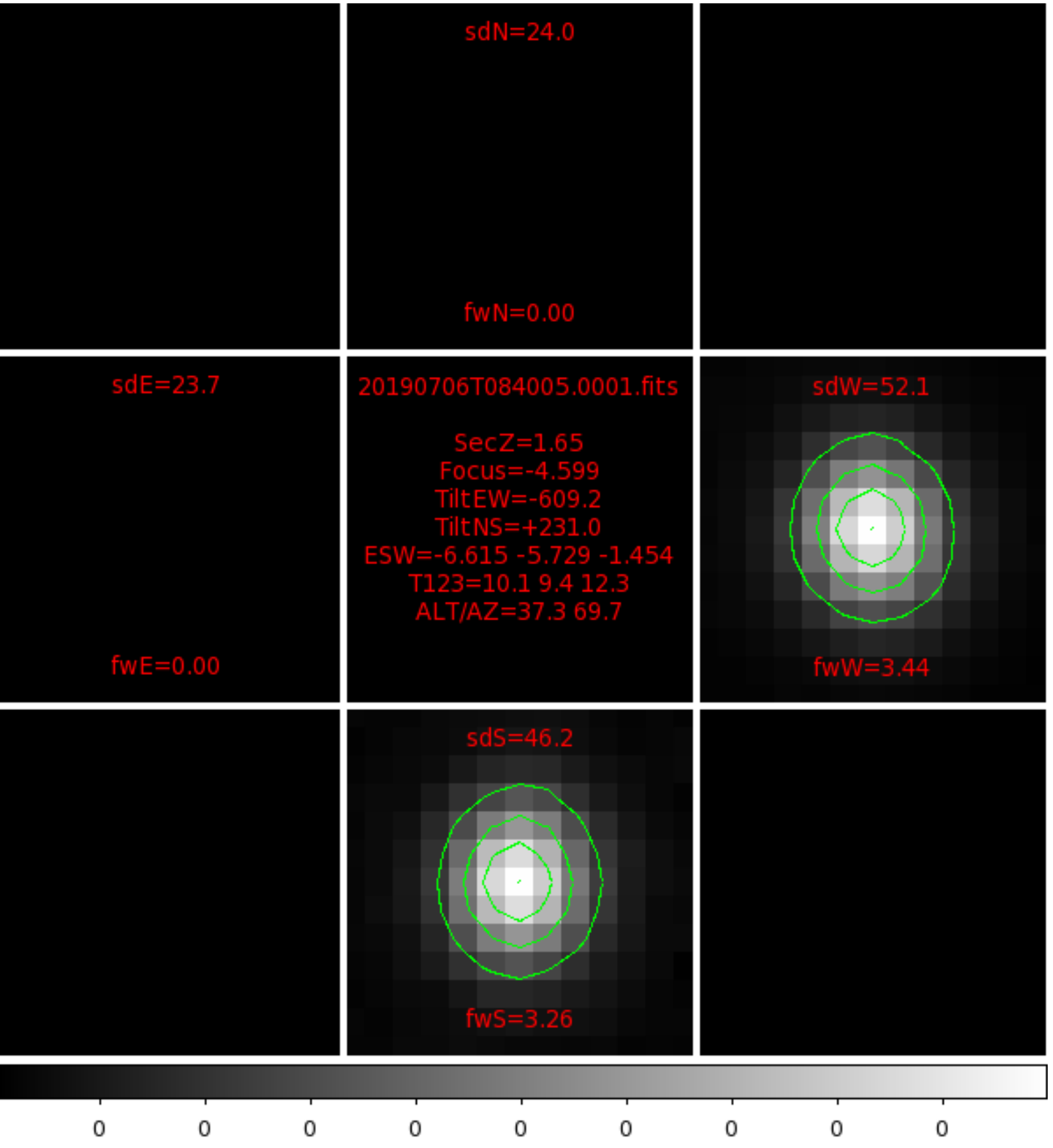
sdN=24.0
fwN=0.00
sdE=23.7
fwE=0.00
20190706T084005.0001.fits
SecZ=1.65
Focus=-4.599
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.615 -5.729 -1.454
T123=10.1 9.4 12.3
ALT/AZ=37.3 69.7
sdW=52.1
fwW=3.44
sdS=46.2
fwS=3.26
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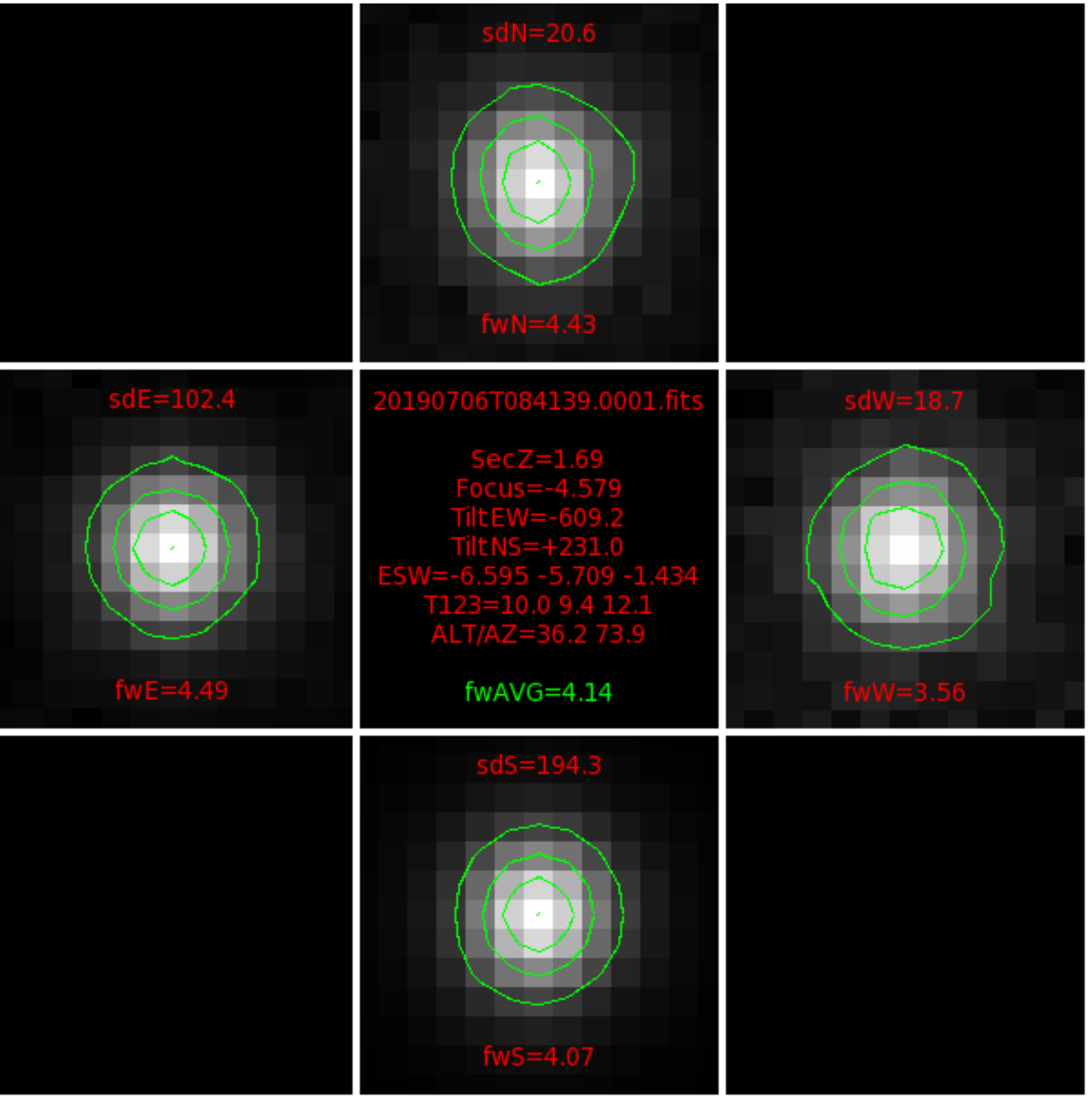
sdN=20.6
fwN=4.43
sdE=102.4
fwE=4.49
20190706T084139.0001.fits
SecZ=1.69
Focus=-4.579
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.595 -5.709 -1.434
T123=10.0 9.4 12.1
ALT/AZ=36.2 73.9
fwAVG=4.14
sdW=18.7
fwW=3.56
sdS=194.3
fwS=4.07
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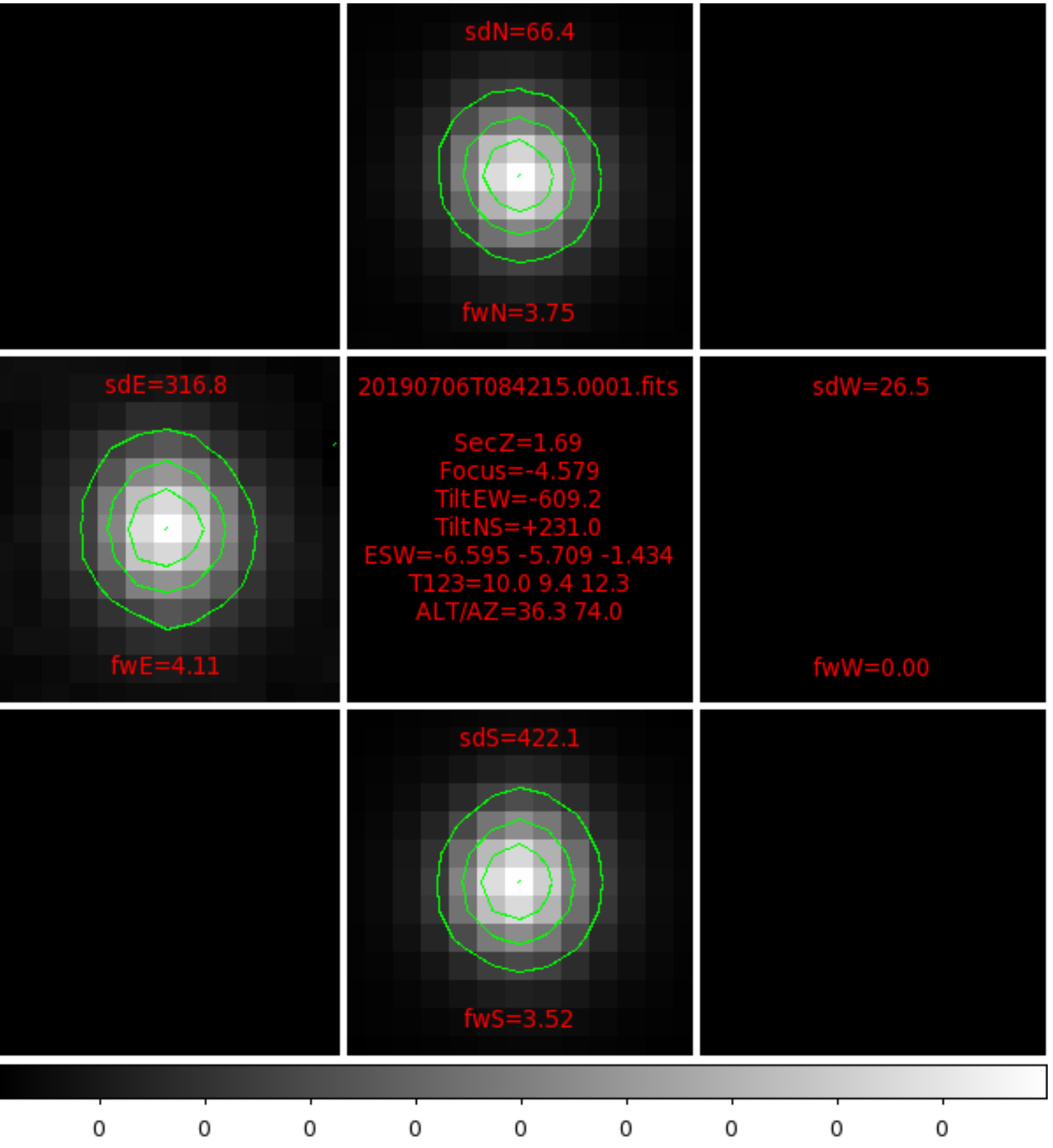
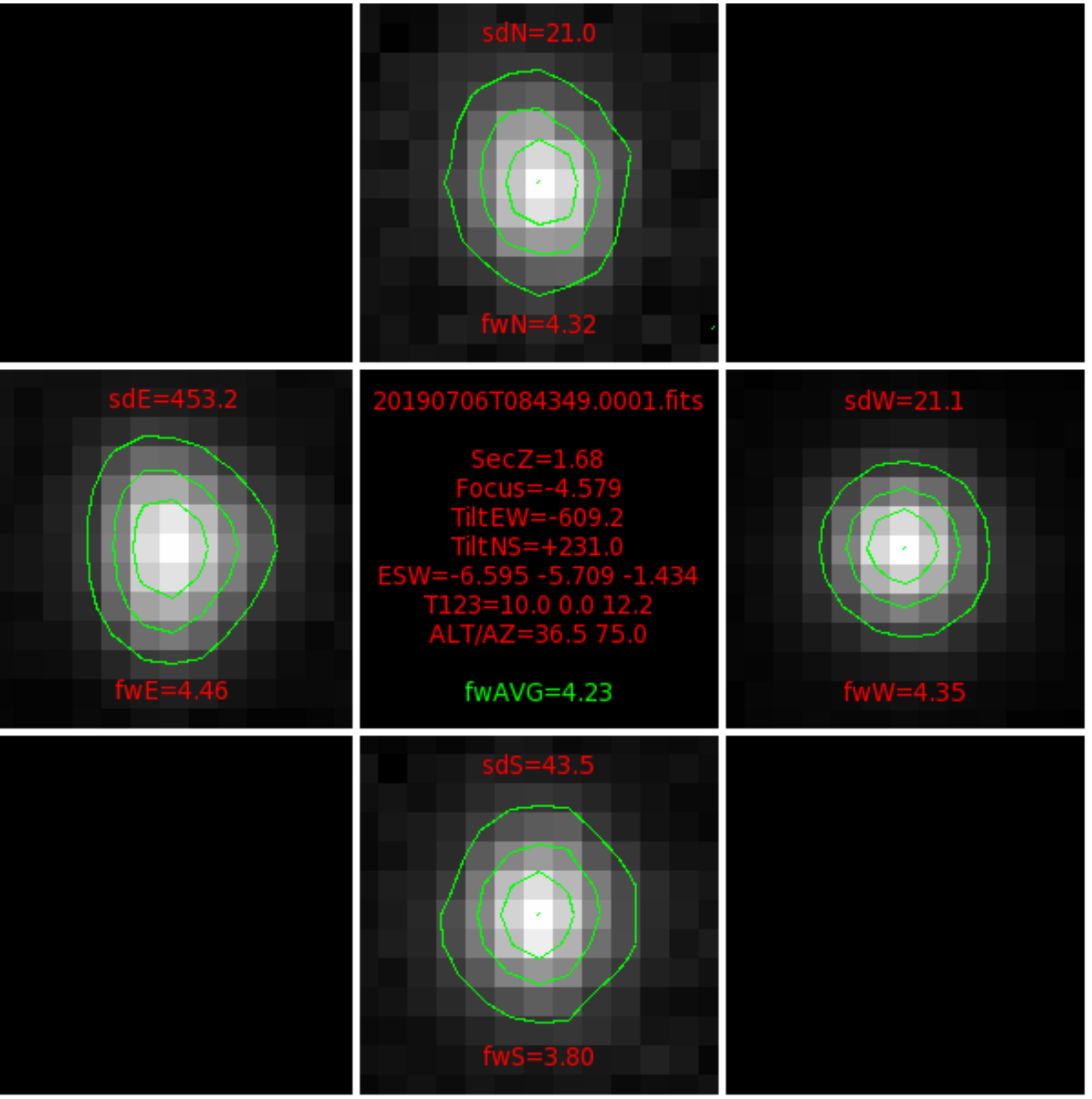
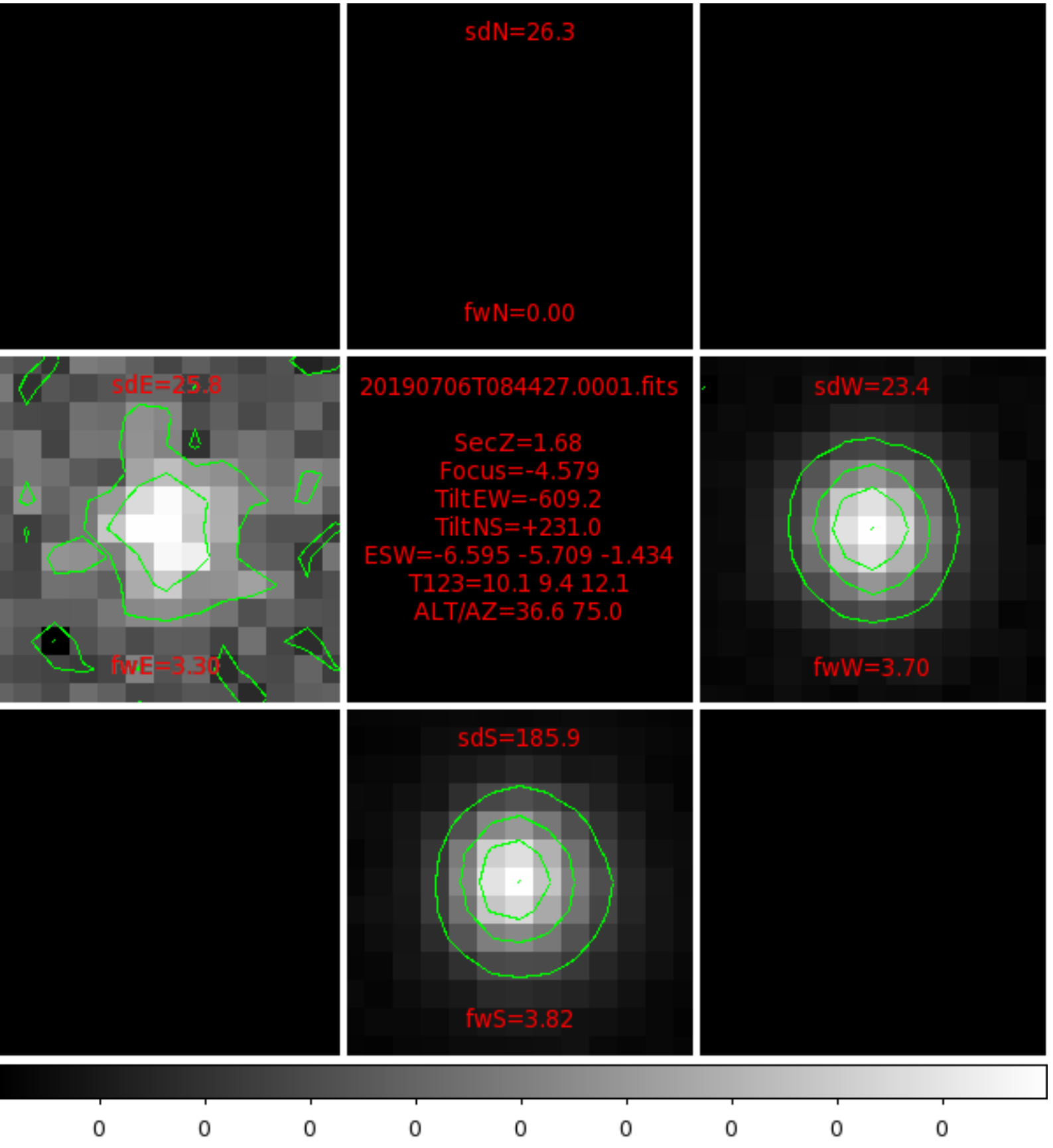

sdN=66.4
fwN=3.75
sdE=316.8
fwE=4.11
20190706T084215.0001.fits
SecZ=1.69
Focus=-4.579
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.595 -5.709 -1.434
T123=10.0 9.4 12.3
ALT/AZ=36.3 74.0
sdW=26.5
fwW=0.00
sdS=422.1
fwS=3.52
0 0 0 0 0 0 0 0 0


sdN=21.0
fwN=4.32
sdE=453.2
fwE=4.46
20190706T084349.0001.fits
SecZ=1.68
Focus=-4.579
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.595 -5.709 -1.434
T123=10.0 0.0 12.2
ALT/AZ=36.5 75.0
fwAVG=4.23
sdW=21.1
fwW=4.35
sdS=43.5
fwS=3.80
0 0 0 0 0 0 0 0 0


sdN=26.3
fwN=0.00
sdE=25.8
fwE=3.30
20190706T084427.0001.fits
SecZ=1.68
Focus=-4.579
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.595 -5.709 -1.434
T123=10.1 9.4 12.1
ALT/AZ=36.6 75.0
sdW=23.4
fwW=3.70
sdS=185.9
fwS=3.82
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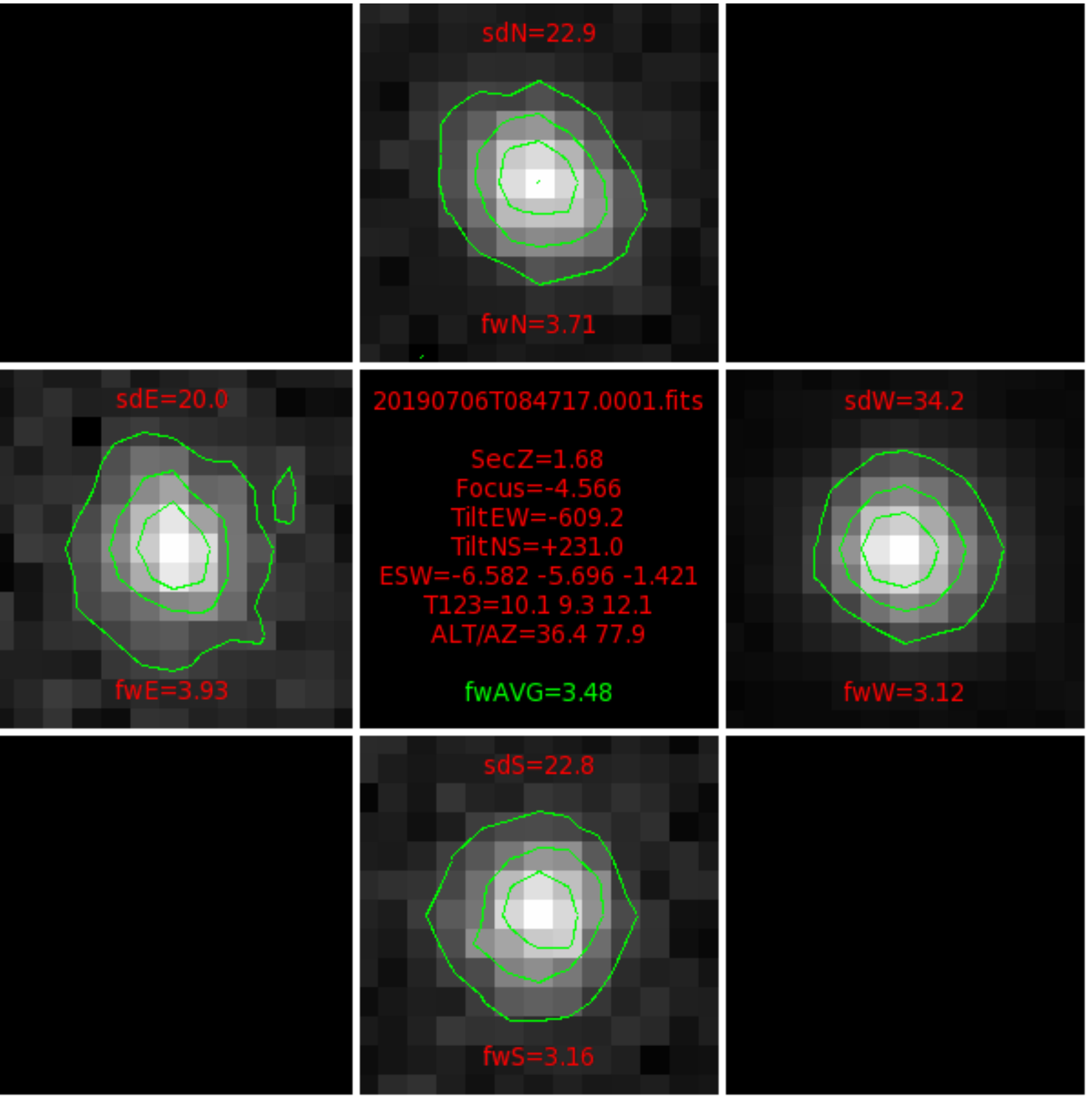
sdN=22.9
fwN=3.71
sdE=20.0
fwE=3.93
20190706T084717.0001.fits
SecZ=1.68
Focus=-4.566
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.582 -5.696 -1.421
T123=10.1 9.3 12.1
ALT/AZ=36.4 77.9
fwAVG=3.48
sdW=34.2
fwW=3.12
sdS=22.8
fwS=3.16
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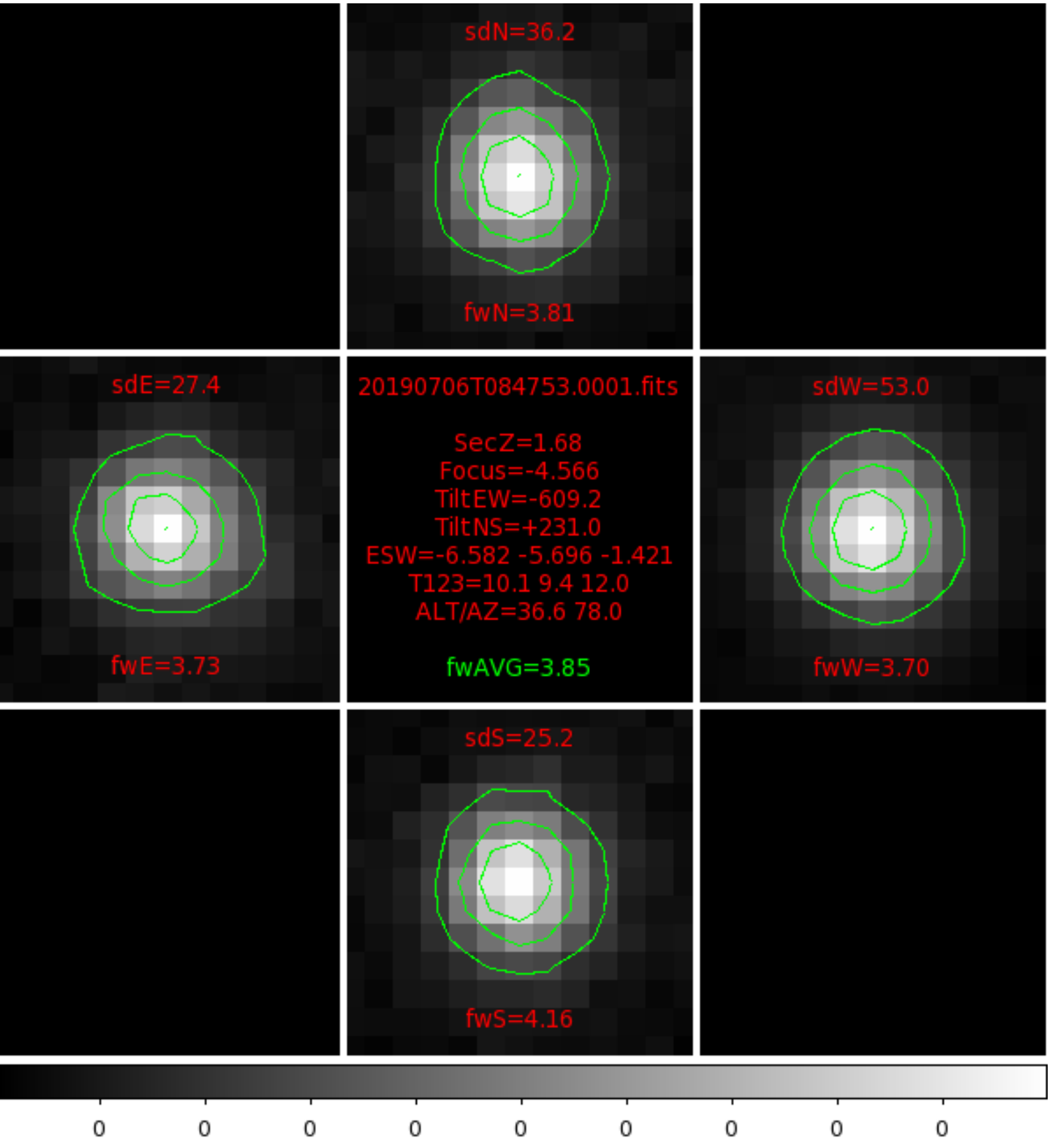
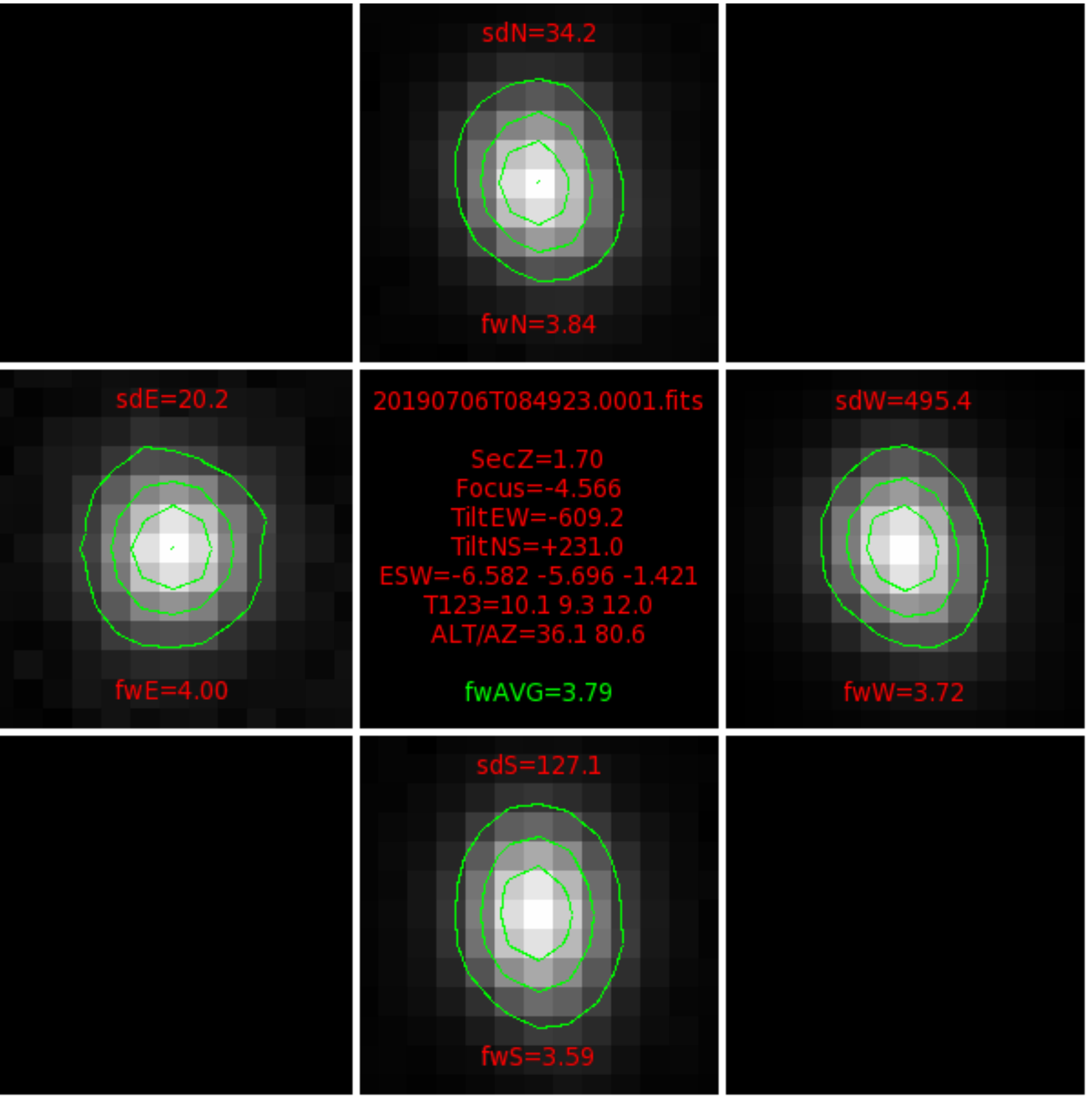
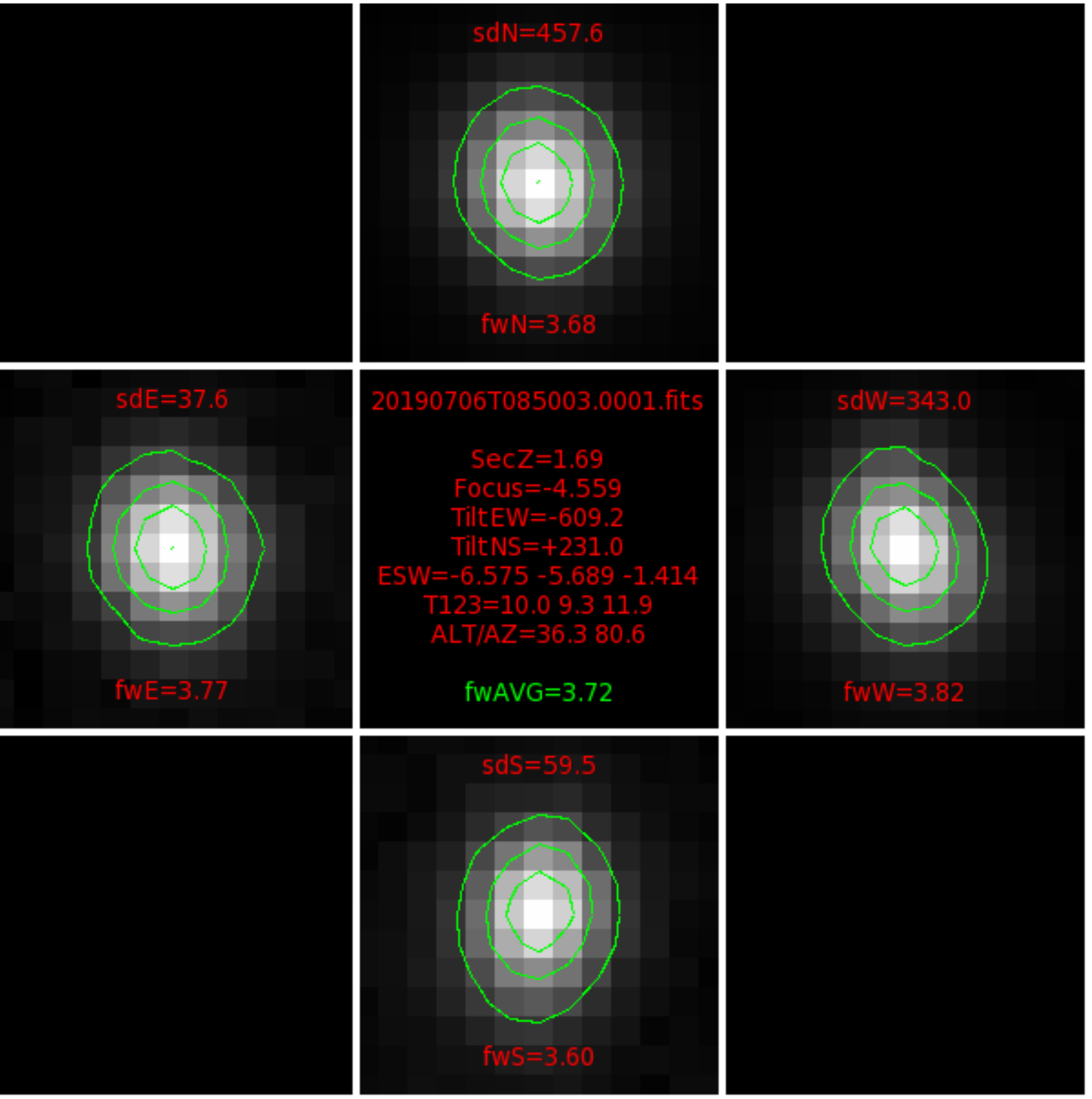

sdN=36.2
fwN=3.81
sdE=27.4
fwE=3.73
20190706T084753.0001.fits
SecZ=1.68
Focus=-4.566
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.582 -5.696 -1.421
T123=10.1 9.4 12.0
ALT/AZ=36.6 78.0
fwAVG=3.85
sdW=53.0
fwW=3.70
sdS=25.2
fwS=4.16
0 0 0 0 0 0 0 0 0


sdN=34.2
fwN=3.84
sdE=20.2
fwE=4.00
20190706T084923.0001.fits
SecZ=1.70
Focus=-4.566
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.582 -5.696 -1.421
T123=10.1 9.3 12.0
ALT/AZ=36.1 80.6
fwAVG=3.79
sdW=495.4
fwW=3.72
sdS=127.1
fwS=3.59
0 0 0 0 0 0 0 0 0


sdN=457.6
fwN=3.68
sdE=37.6
fwE=3.77
20190706T085003.0001.fits
SecZ=1.69
Focus=-4.559
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.575 -5.689 -1.414
T123=10.0 9.3 11.9
ALT/AZ=36.3 80.6
fwAVG=3.72
sdW=343.0
fwW=3.82
sdS=59.5
fwS=3.60
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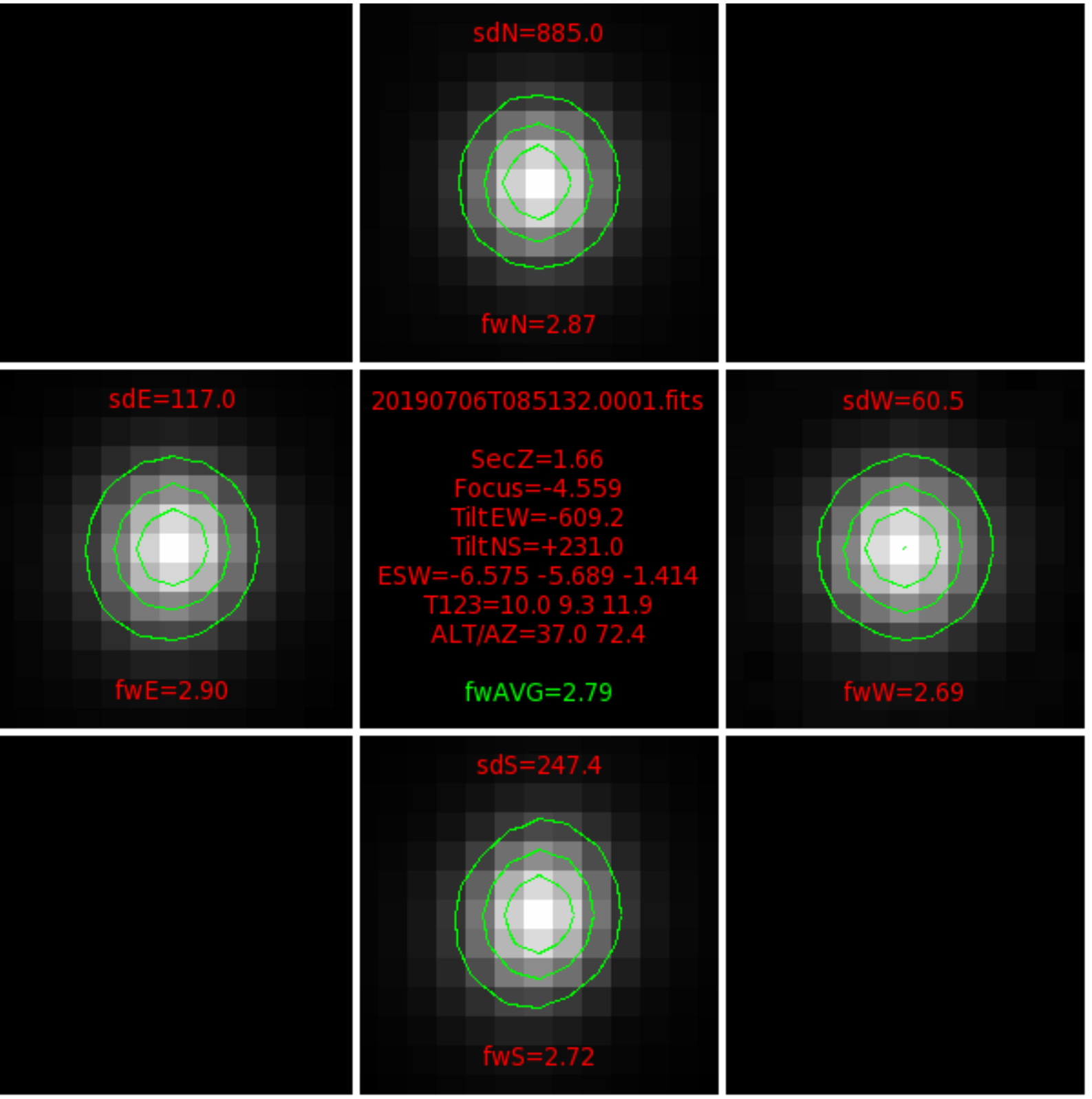
sdN=885.0
fwN=2.87
sdE=117.0
fwE=2.90
20190706T085132.0001.fits
SecZ=1.66
Focus=-4.559
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.575 -5.689 -1.414
T123=10.0 9.3 11.9
ALT/AZ=37.0 72.4
fwAVG=2.79
sdW=60.5
fwW=2.69
sdS=247.4
fwS=2.72
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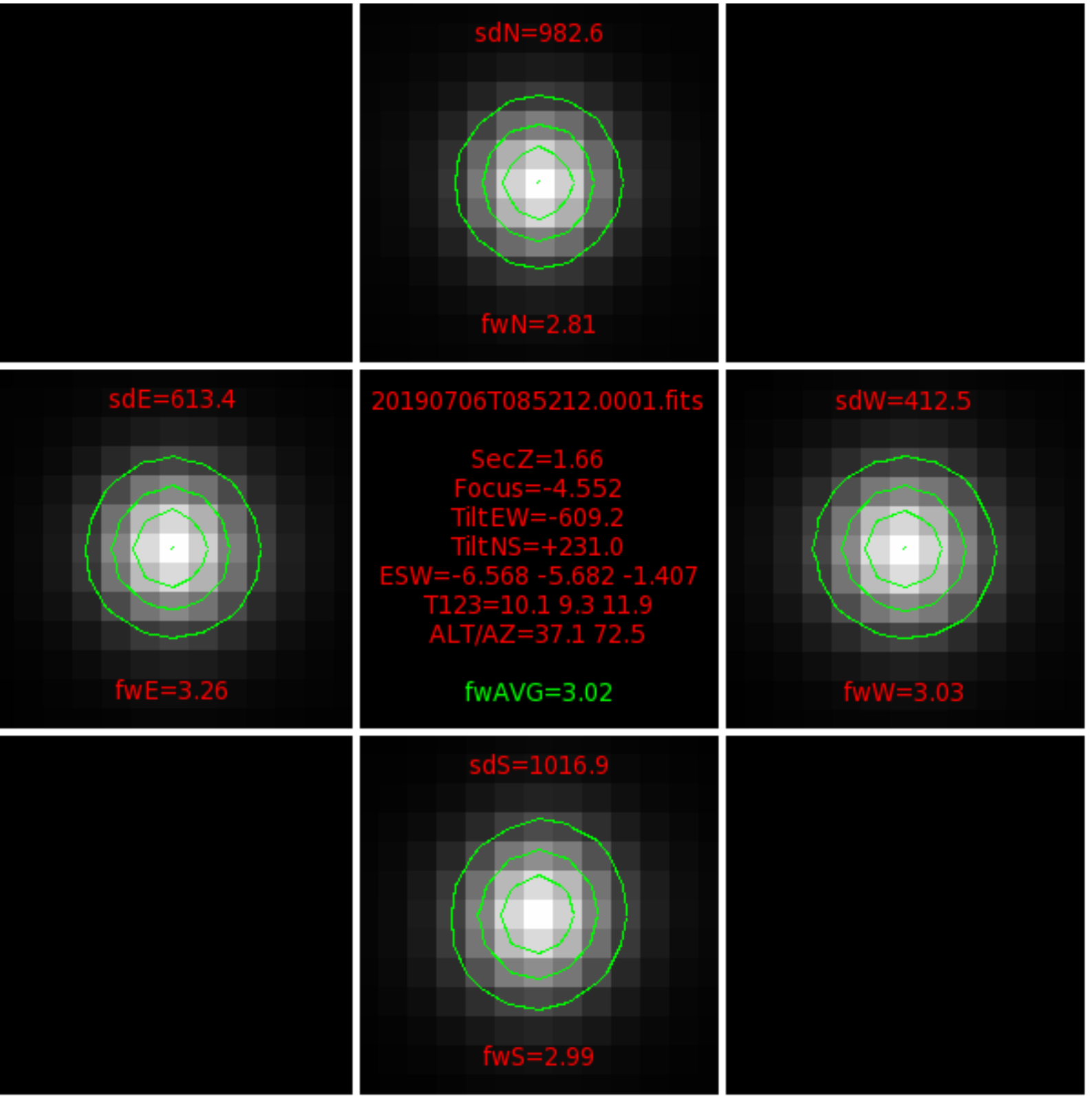
sdN=982.6
fwN=2.81
sdE=613.4
fwE=3.26
20190706T085212.0001.fits
SecZ=1.66
Focus=-4.552
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.568 -5.682 -1.407
T123=10.1 9.3 11.9
ALT/AZ=37.1 72.5
fwAVG=3.02
sdW=412.5
fwW=3.03
sdS=1016.9
fwS=2.99
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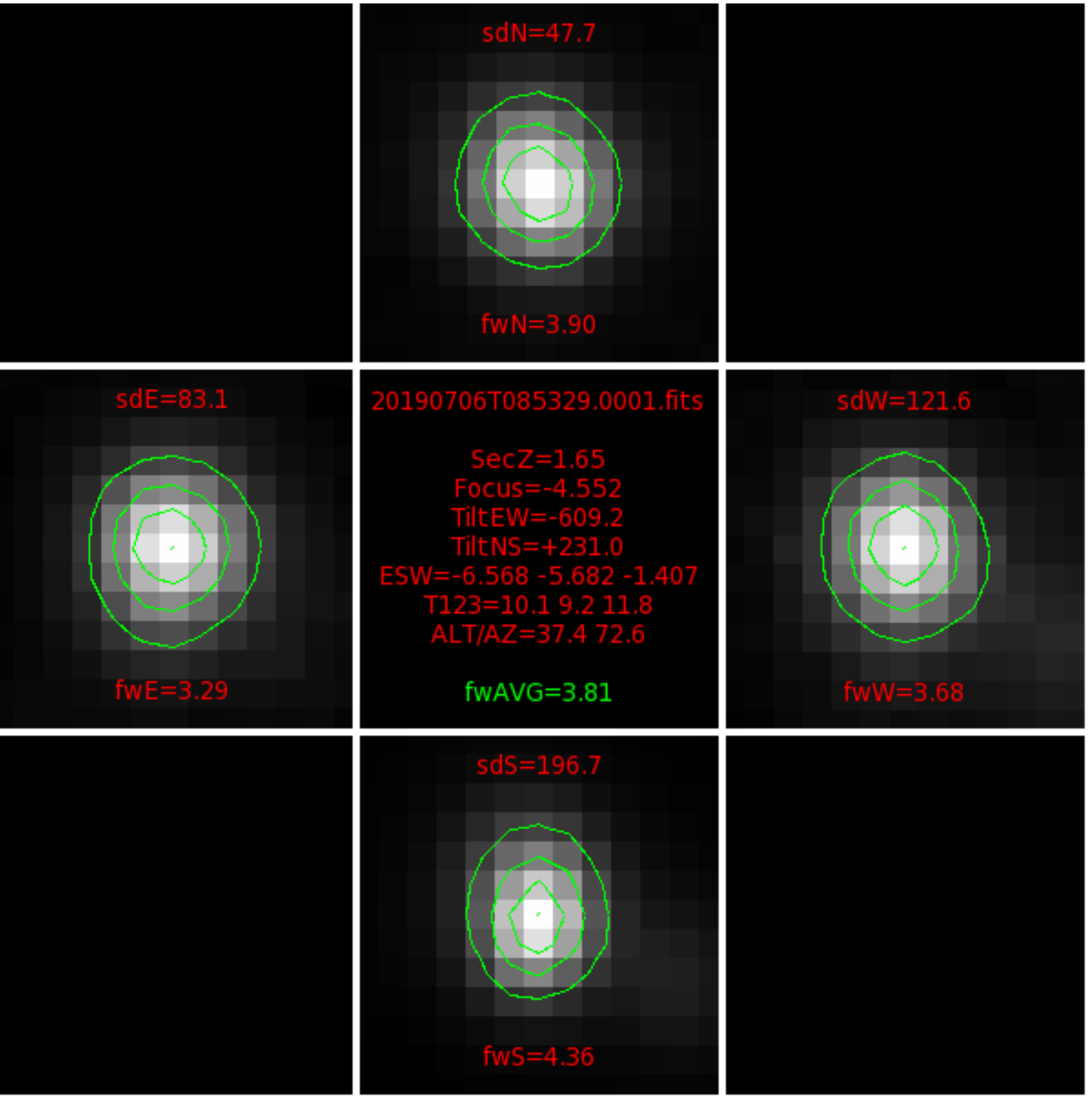
sdN=47.7
fwN=3.90
sdE=83.1
fwE=3.29
20190706T085329.0001.fits
SecZ=1.65
Focus=-4.552
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.568 -5.682 -1.407
T123=10.1 9.2 11.8
ALT/AZ=37.4 72.6
fwAVG=3.81
sdW=121.6
fwW=3.68
sdS=196.7
fwS=4.36
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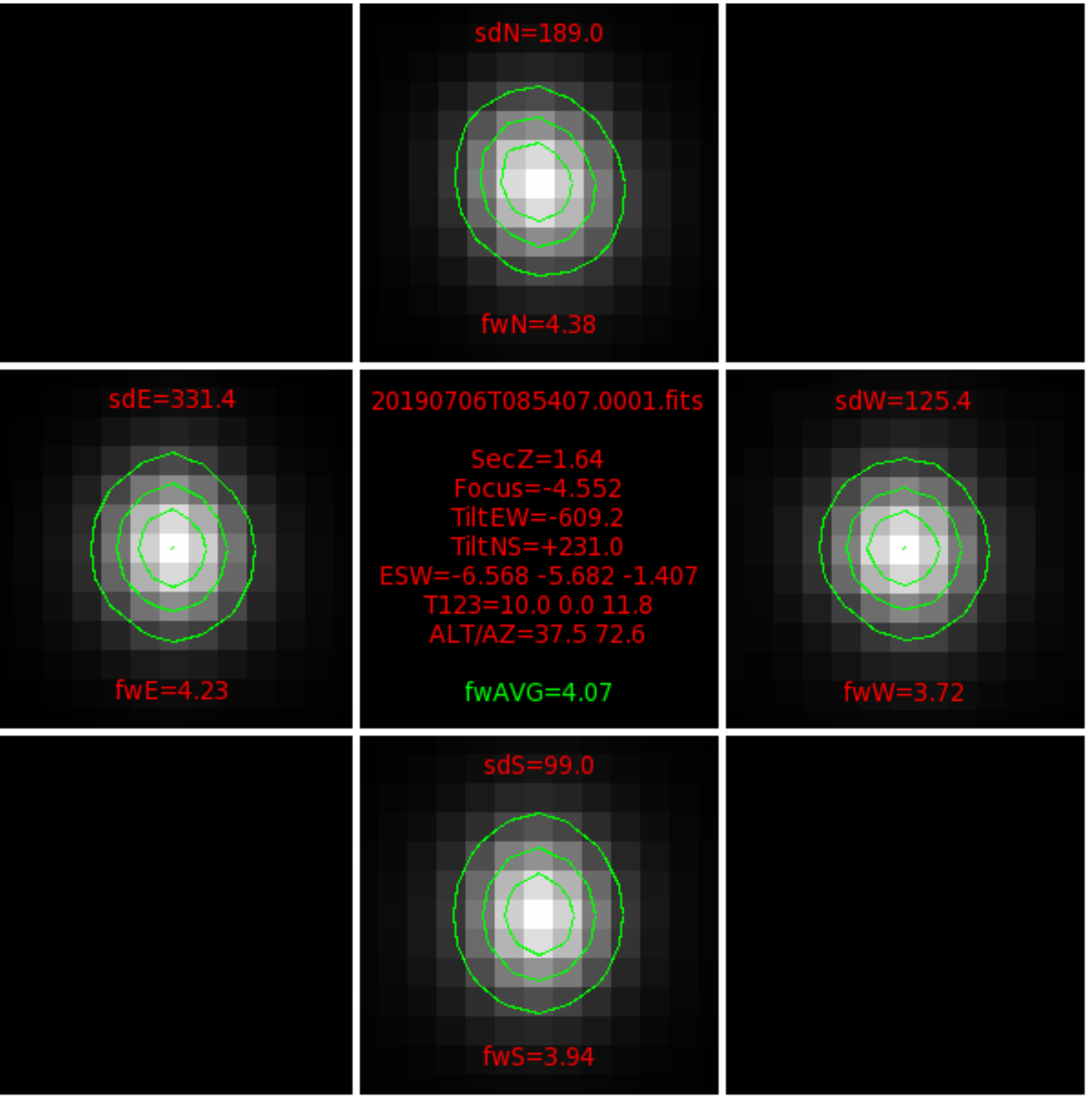
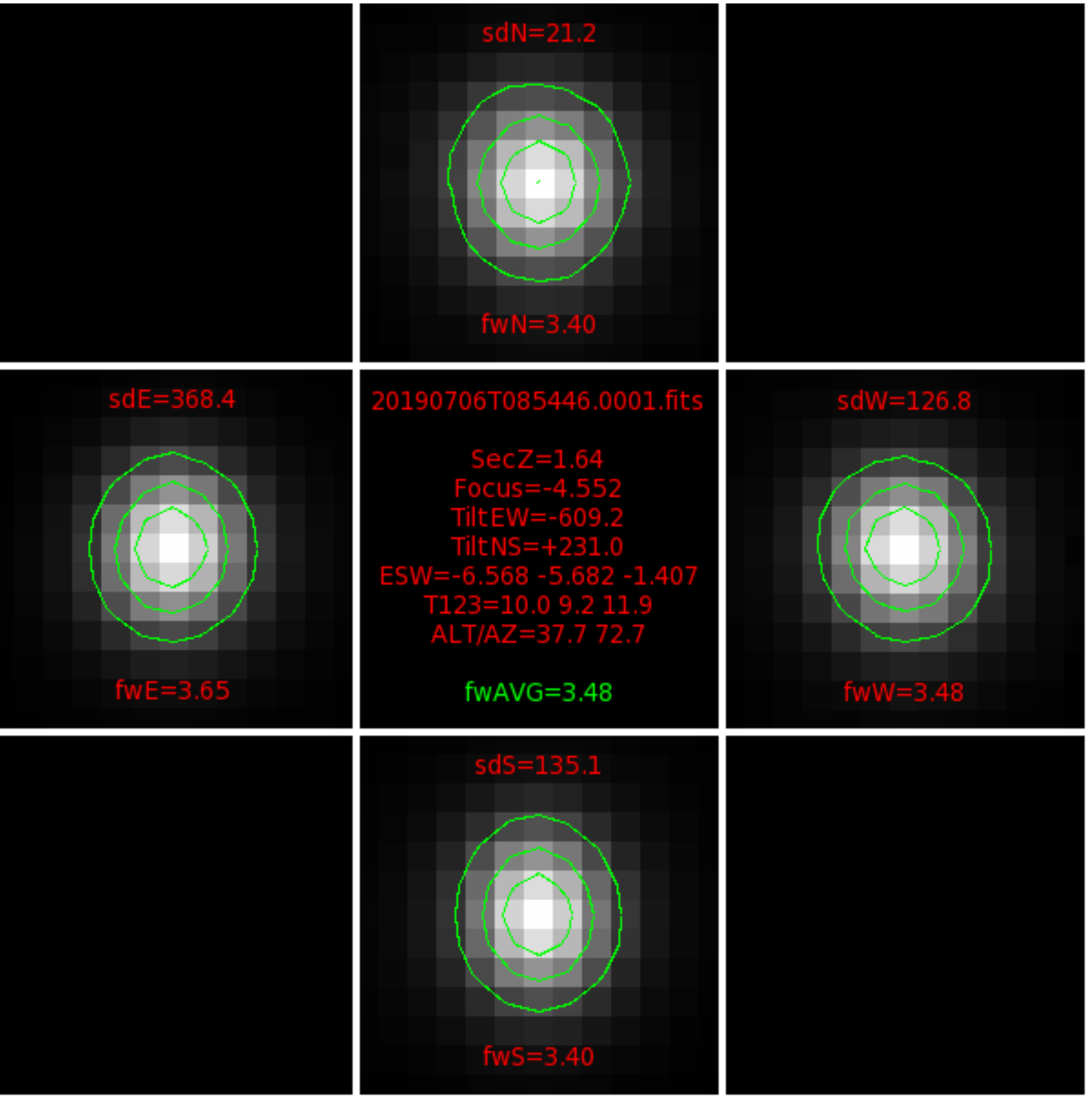
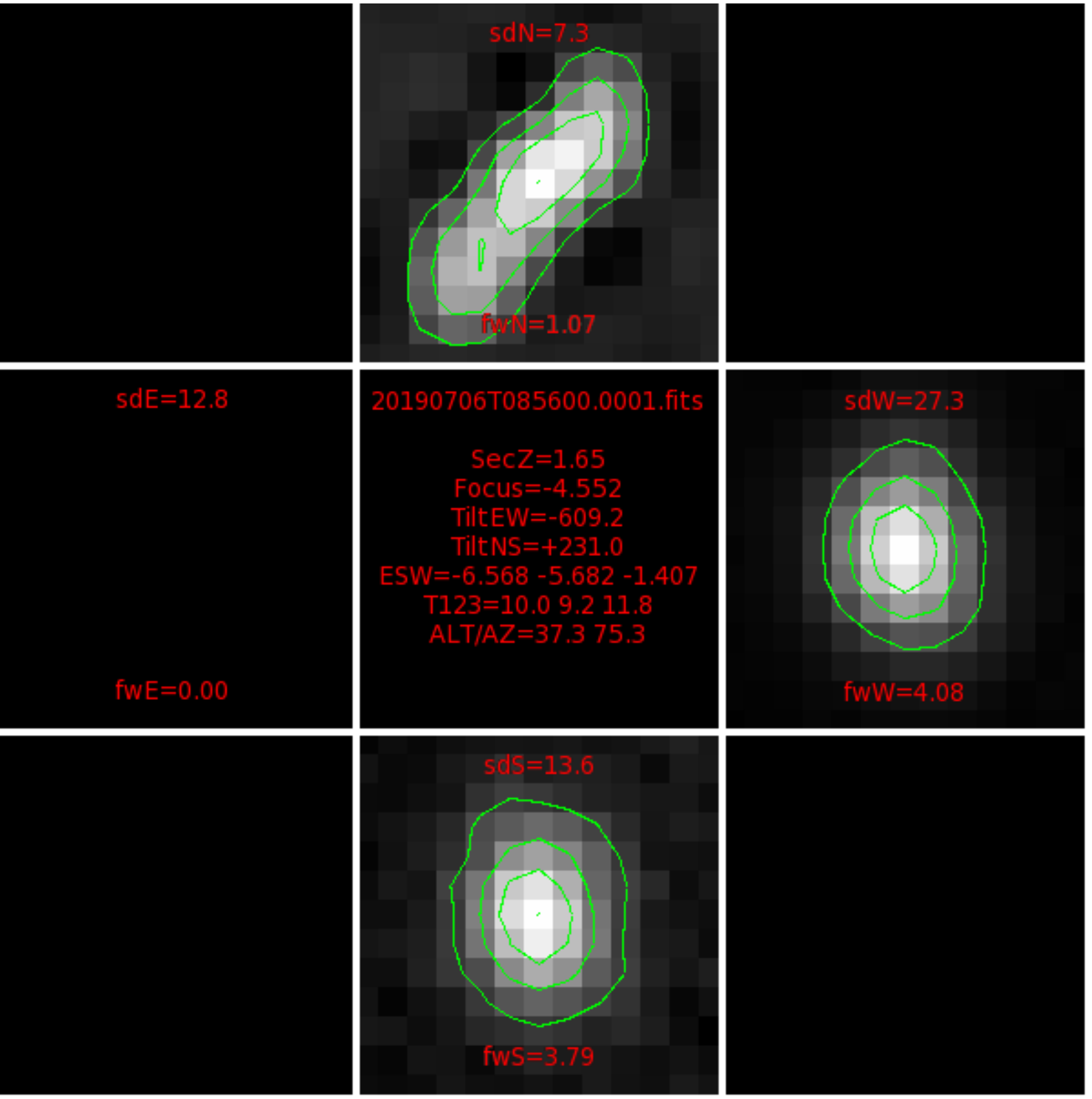

sdN=189.0
fwN=4.38
sdE=331.4
fwE=4.23
20190706T085407.0001.fits
SecZ=1.64
Focus=-4.552
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.568 -5.682 -1.407
T123=10.0 0.0 11.8
ALT/AZ=37.5 72.6
fwAVG=4.07
sdW=125.4
fwW=3.72
sdS=99.0
fwS=3.94
0 0 0 0 0 0 0 0 0


sdN=21.2
fwN=3.40
sdE=368.4
fwE=3.65
20190706T085446.0001.fits
SecZ=1.64
Focus=-4.552
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.568 -5.682 -1.407
T123=10.0 9.2 11.9
ALT/AZ=37.7 72.7
fwAVG=3.48
sdW=126.8
fwW=3.48
sdS=135.1
fwS=3.40
0 0 0 0 0 0 0 0 0


sdN=7.3
fwN=1.07
sdE=12.8
fwE=0.00
20190706T085600.0001.fits
SecZ=1.65
Focus=-4.552
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.568 -5.682 -1.407
T123=10.0 9.2 11.8
ALT/AZ=37.3 75.3
sdW=27.3
fwW=4.08
sdS=13.6
fwS=3.79
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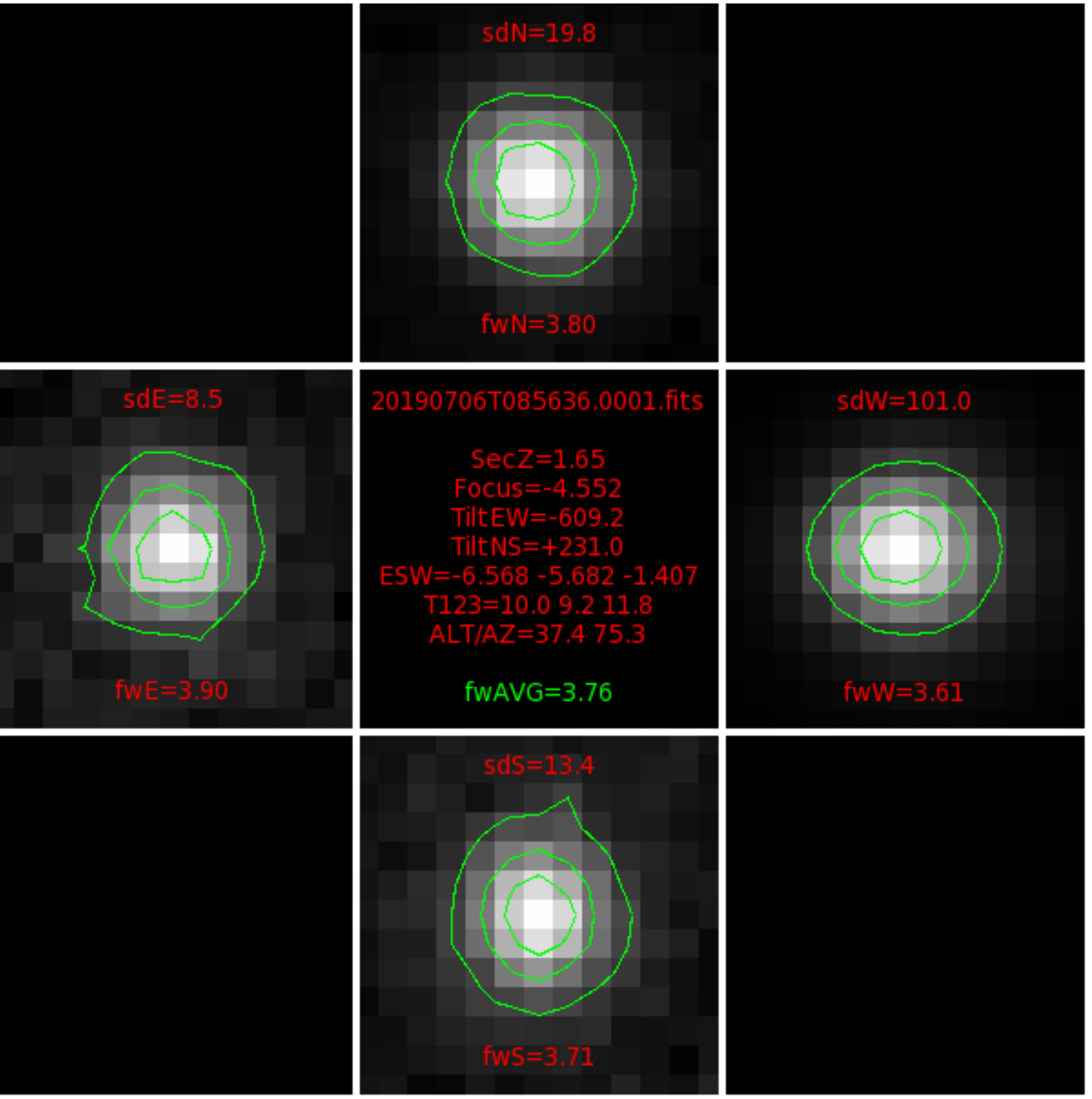
sdN=19.8
fwN=3.80
sdE=8.5
fwE=3.90
20190706T085636.0001.fits
SecZ=1.65
Focus=-4.552
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.568 -5.682 -1.407
T123=10.0 9.2 11.8
ALT/AZ=37.4 75.3
fwAVG=3.76
sdW=101.0
fwW=3.61
sdS=13.4
fwS=3.71
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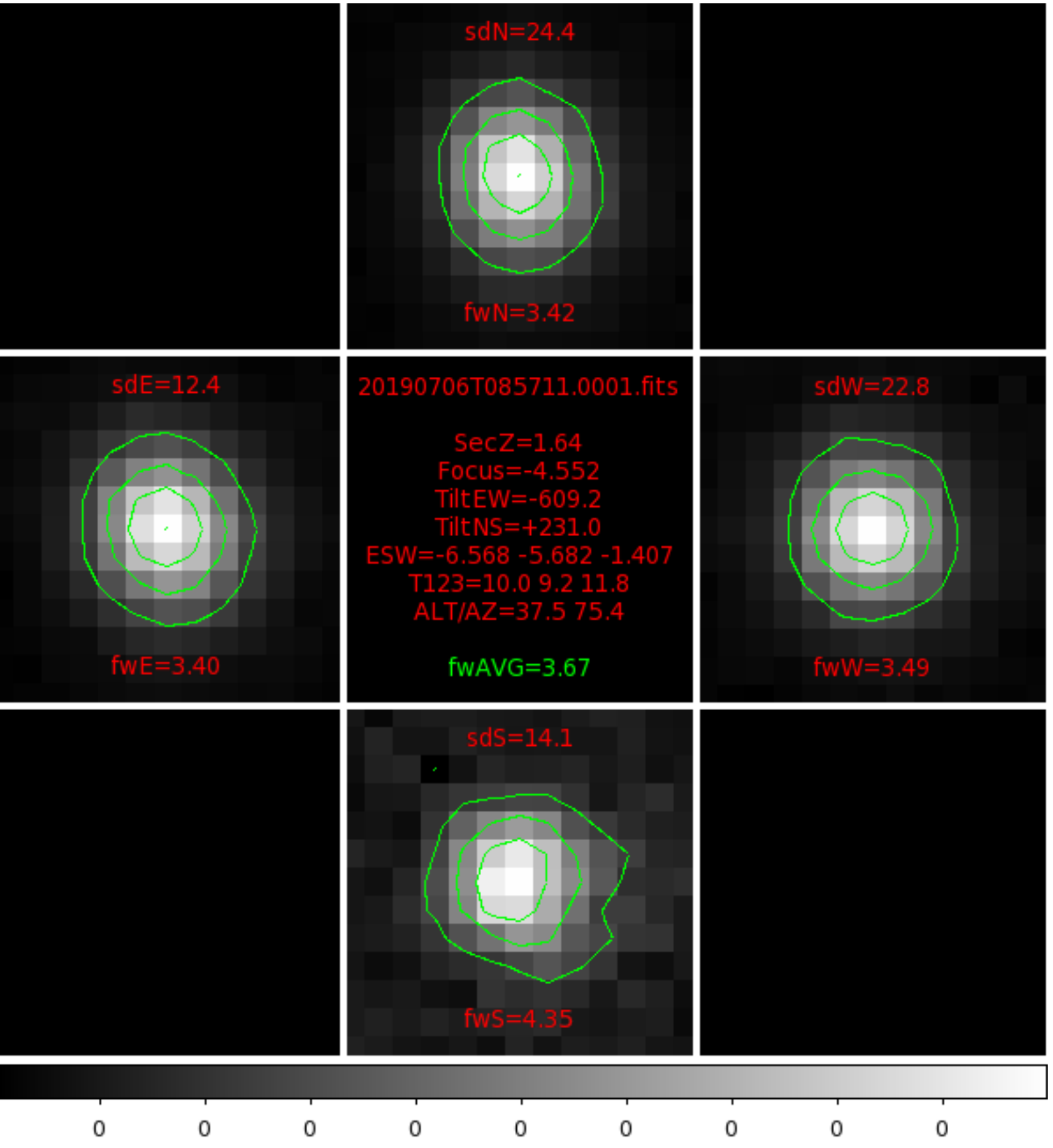
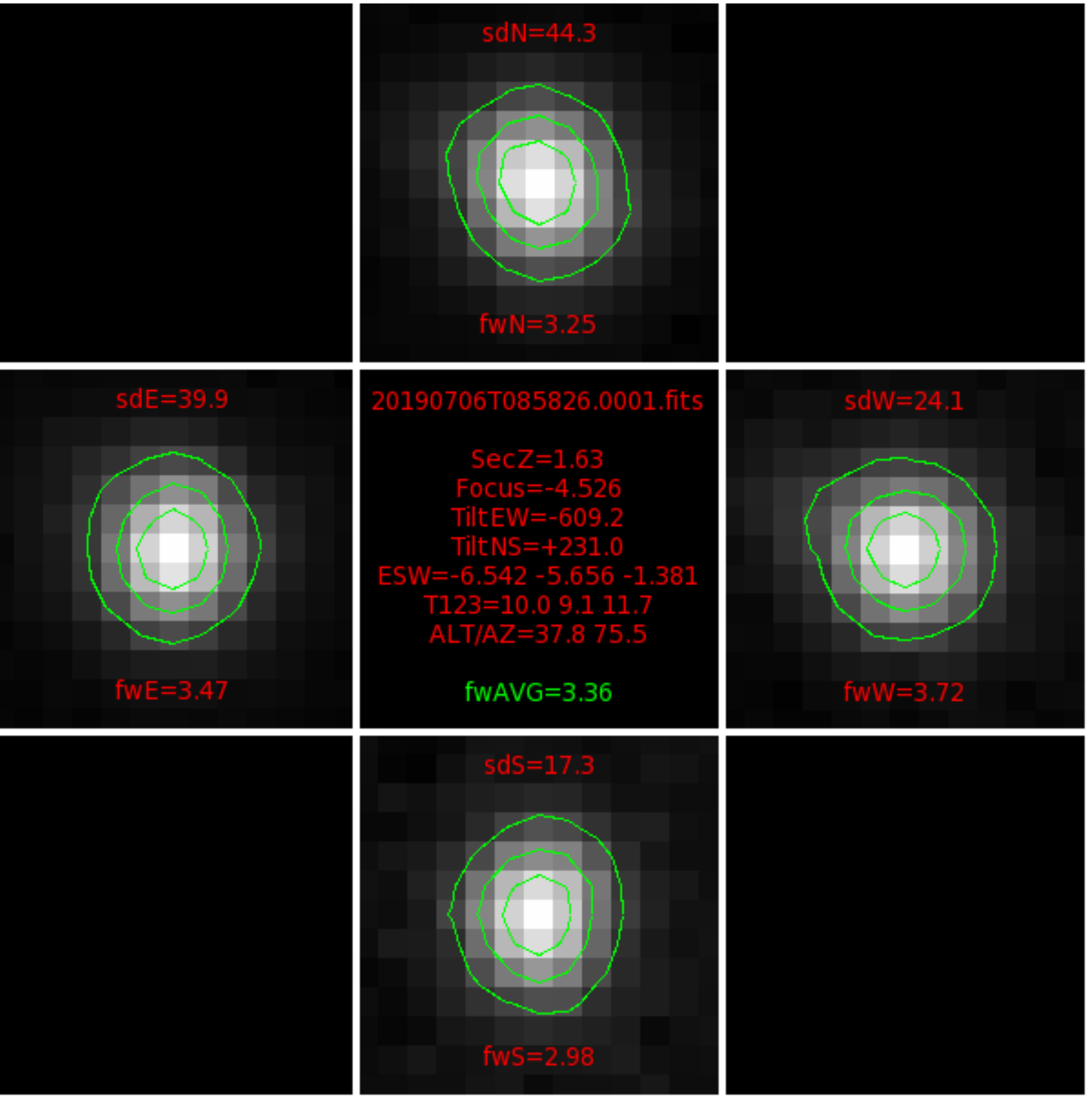

sdN=24.4
fwN=3.42
sdE=12.4
fwE=3.40
20190706T085711.0001.fits
SecZ=1.64
Focus=-4.552
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.568 -5.682 -1.407
T123=10.0 9.2 11.8
ALT/AZ=37.5 75.4
fwAVG=3.67
sdW=22.8
fwW=3.49
sdS=14.1
fwS=4.35
0 0 0 0 0 0 0 0 0


sdN=44.3
fwN=3.25
sdE=39.9
fwE=3.47
20190706T085826.0001.fits
SecZ=1.63
Focus=-4.526
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.542 -5.656 -1.381
T123=10.0 9.1 11.7
ALT/AZ=37.8 75.5
fwAVG=3.36
sdW=24.1
fwW=3.72
sdS=17.3
fwS=2.98
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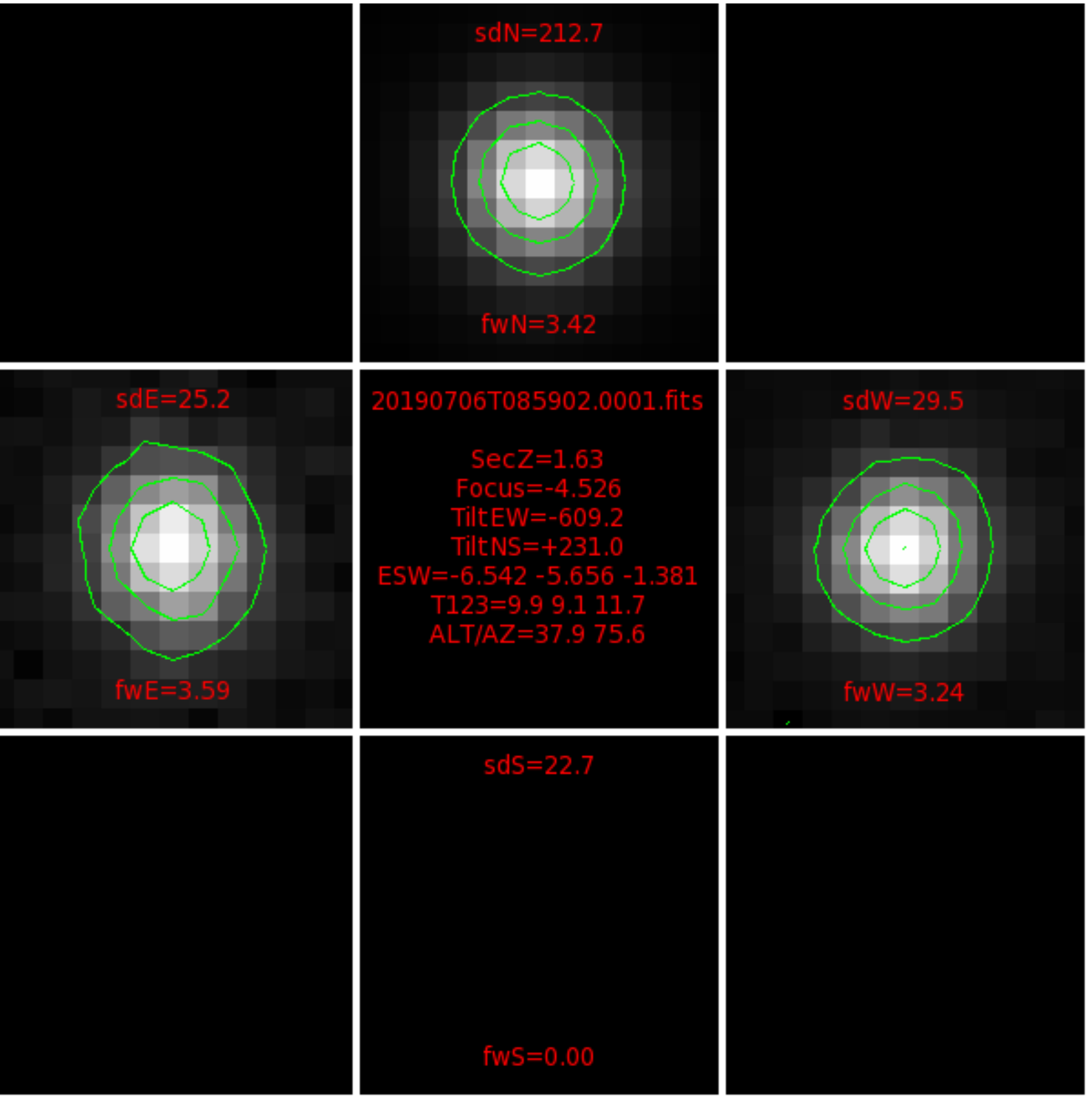
sdN=212.7
fwN=3.42
sdE=25.2
fwE=3.59
20190706T085902.0001.fits
SecZ=1.63
Focus=-4.526
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.542 -5.656 -1.381
T123=9.9 9.1 11.7
ALT/AZ=37.9 75.6
sdW=29.5
fwW=3.24
sdS=22.7
fwS=0.00
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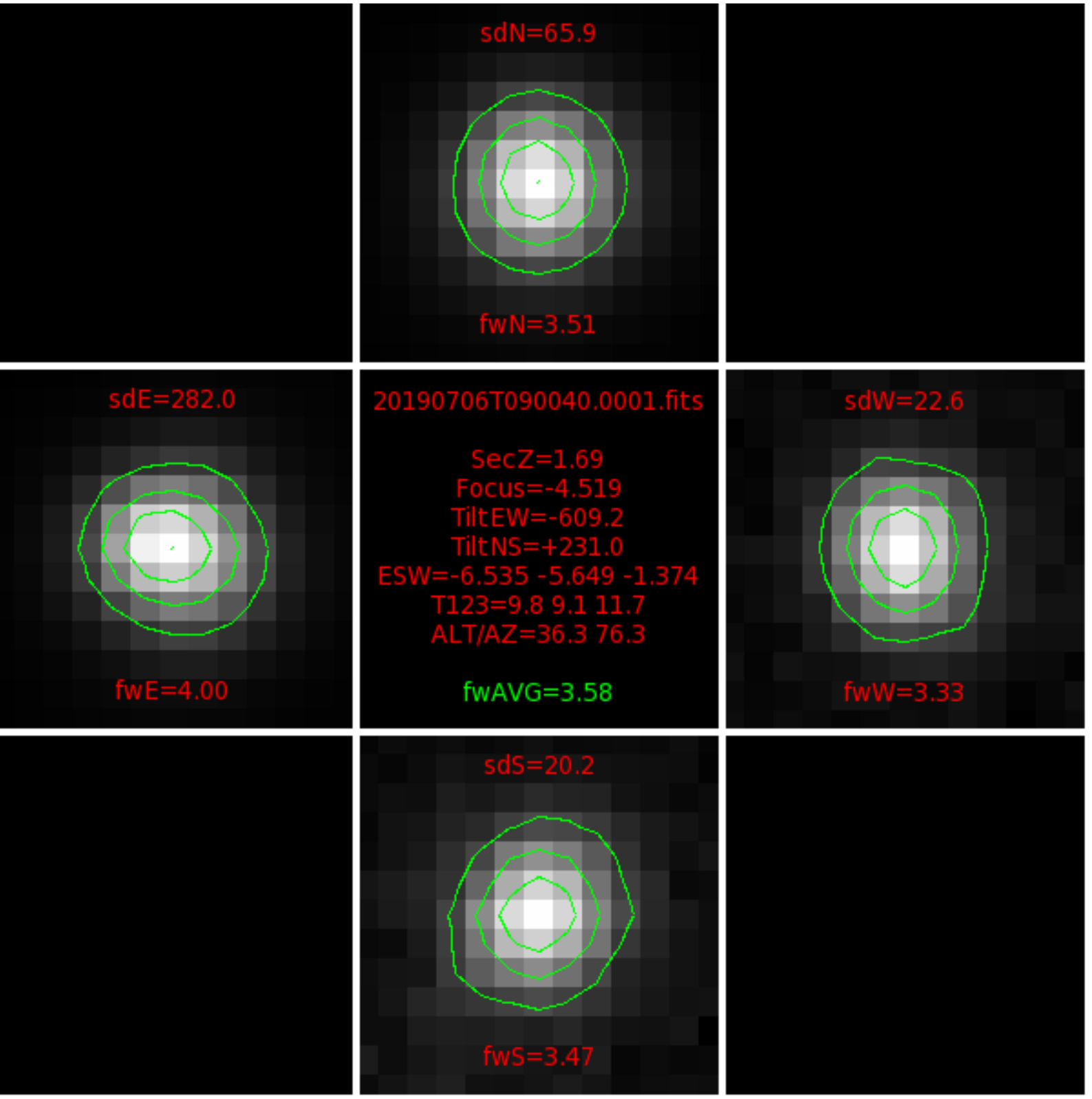
sdN=65.9
fwN=3.51
sdE=282.0
fwE=4.00
20190706T090040.0001.fits
SecZ=1.69
Focus=-4.519
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.535 -5.649 -1.374
T123=9.8 9.1 11.7
ALT/AZ=36.3 76.3
fwAVG=3.58
sdW=22.6
fwW=3.33
sdS=20.2
fwS=3.47
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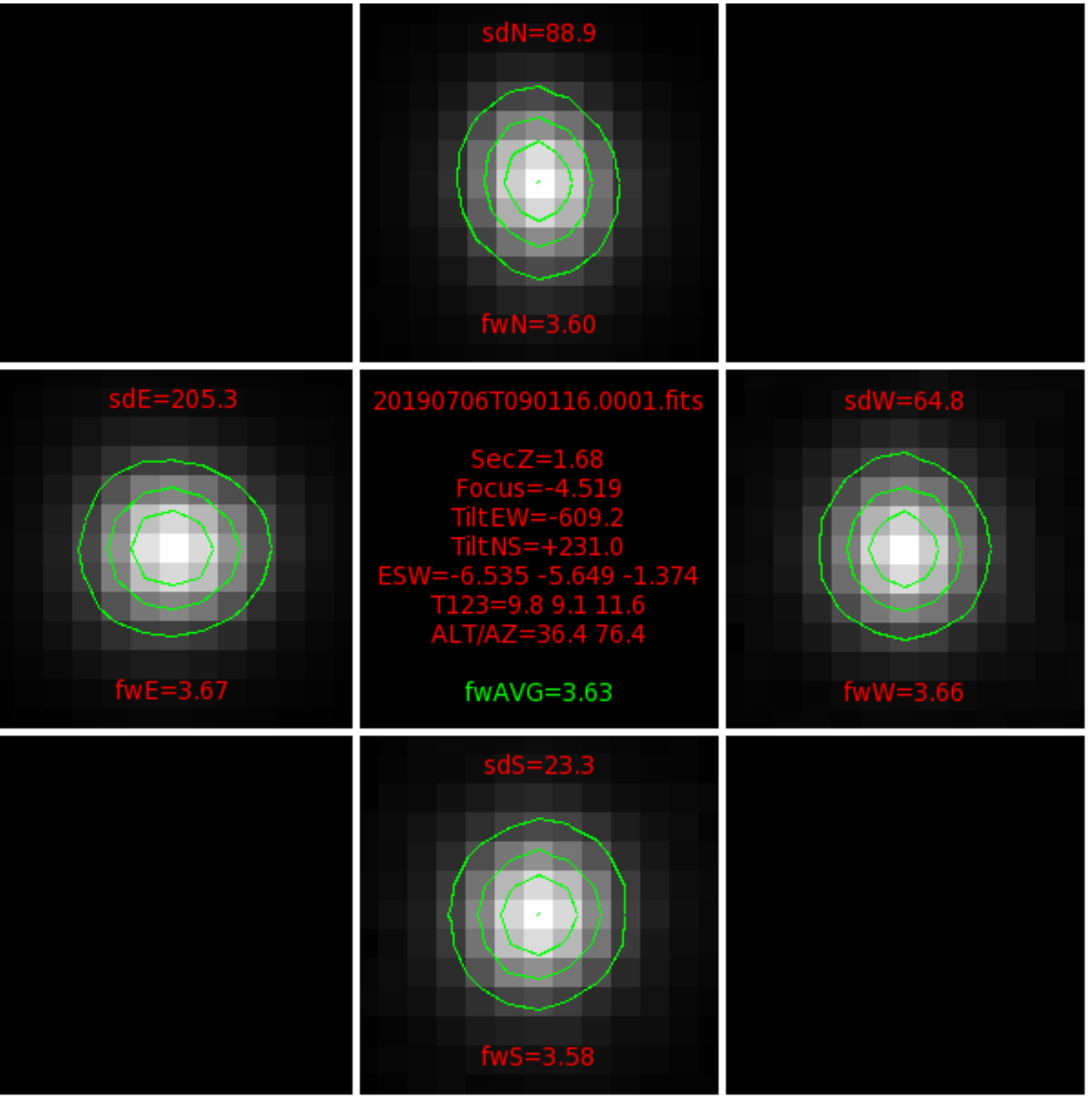
sdN=88.9
fwN=3.60
sdE=205.3
fwE=3.67
20190706T090116.0001.fits
SecZ=1.68
Focus=-4.519
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.535 -5.649 -1.374
T123=9.8 9.1 11.6
ALT/AZ=36.4 76.4
fwAVG=3.63
sdW=64.8
fwW=3.66
sdS=23.3
fwS=3.58
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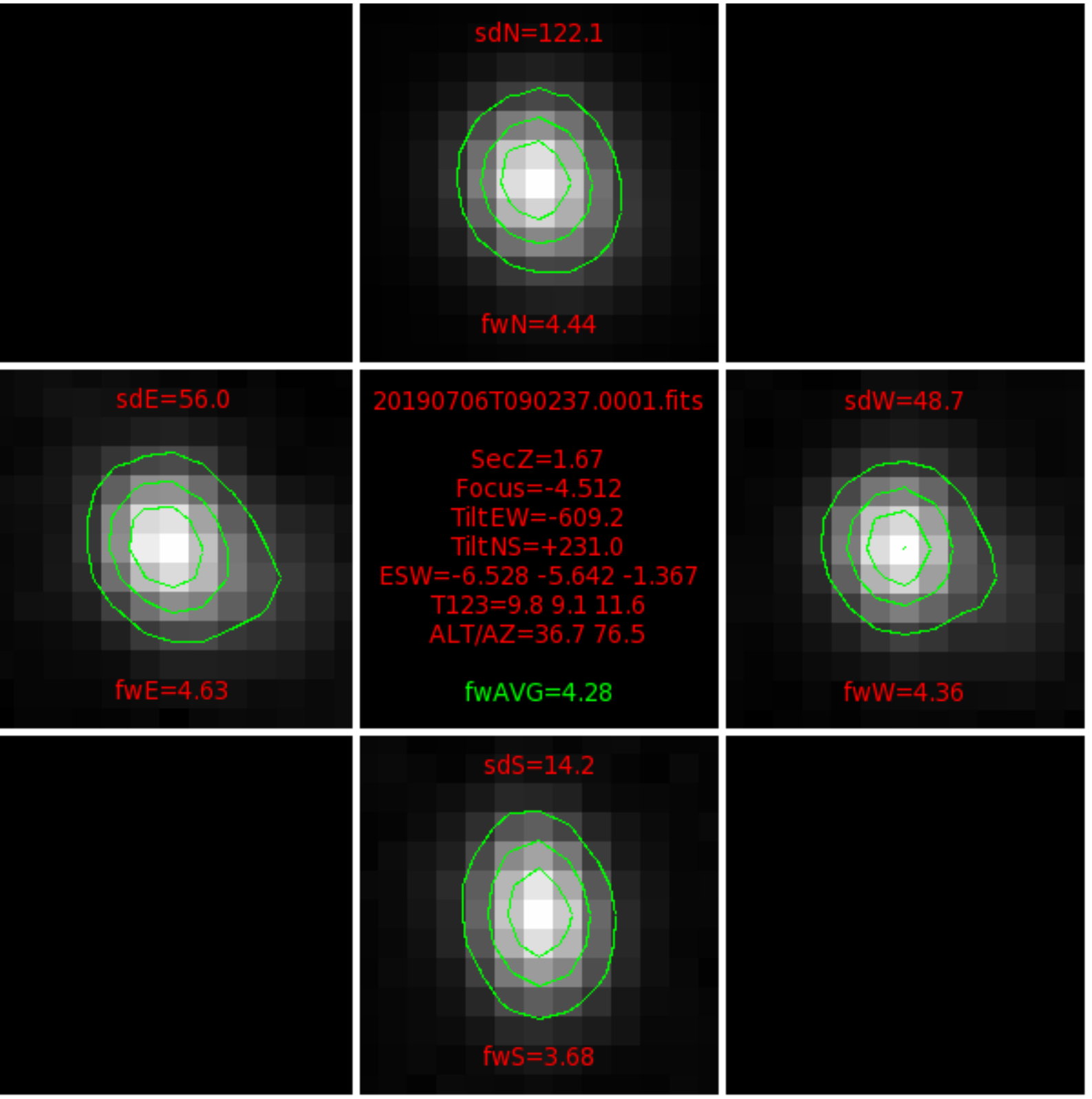
sdN=122.1
fwN=4.44
sdE=56.0
fwE=4.63
20190706T090237.0001.fits
SecZ=1.67
Focus=-4.512
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.528 -5.642 -1.367
T123=9.8 9.1 11.6
ALT/AZ=36.7 76.5
fwAVG=4.28
sdW=48.7
fwW=4.36
sdS=14.2
fwS=3.68
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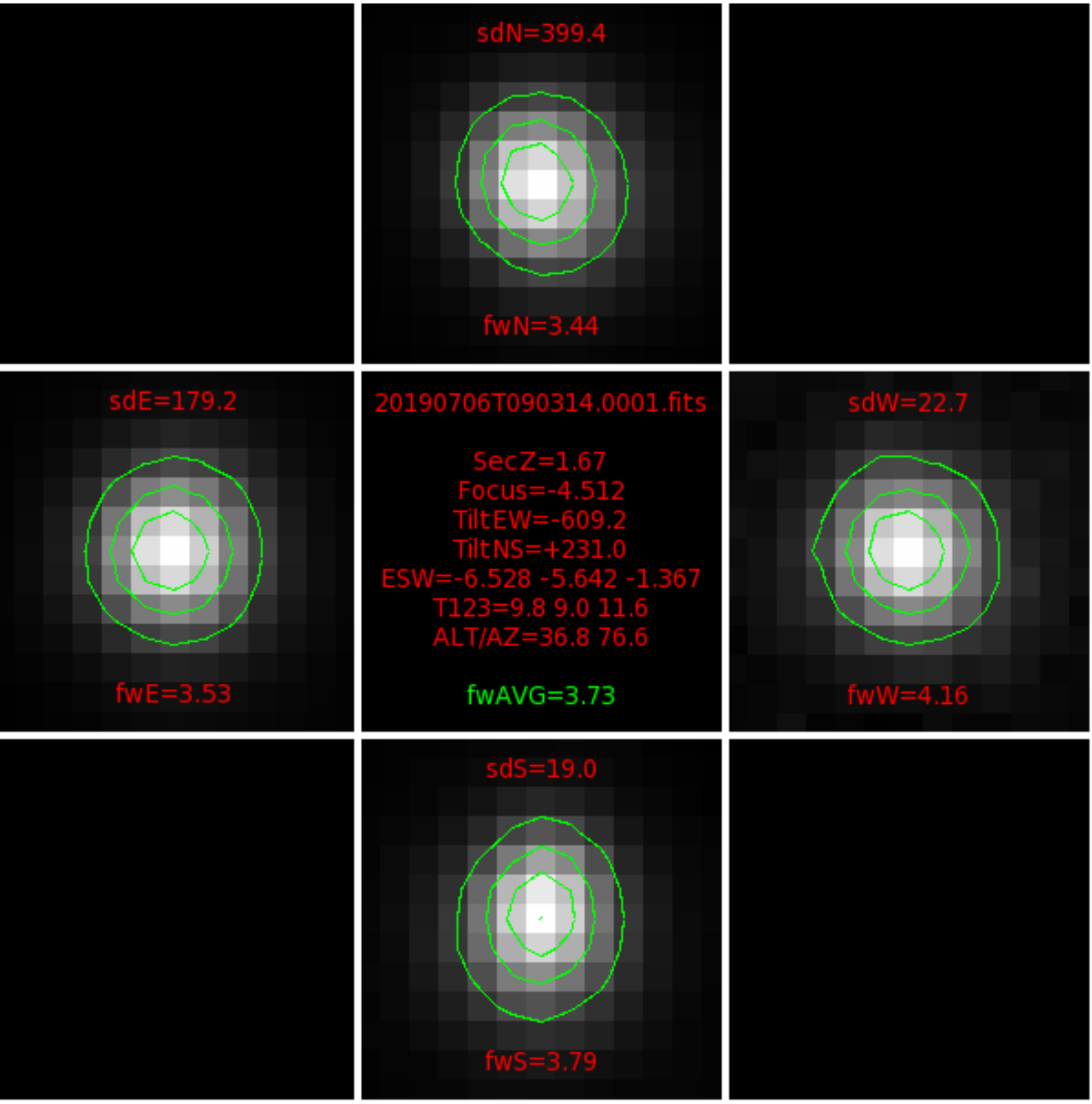
sdN=399.4
fwN=3.44
sdE=179.2
fwE=3.53
20190706T090314.0001.fits
SecZ=1.67
Focus=-4.512
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.528 -5.642 -1.367
T123=9.8 9.0 11.6
ALT/AZ=36.8 76.6
fwAVG=3.73
sdW=22.7
fwW=4.16
sdS=19.0
fwS=3.79
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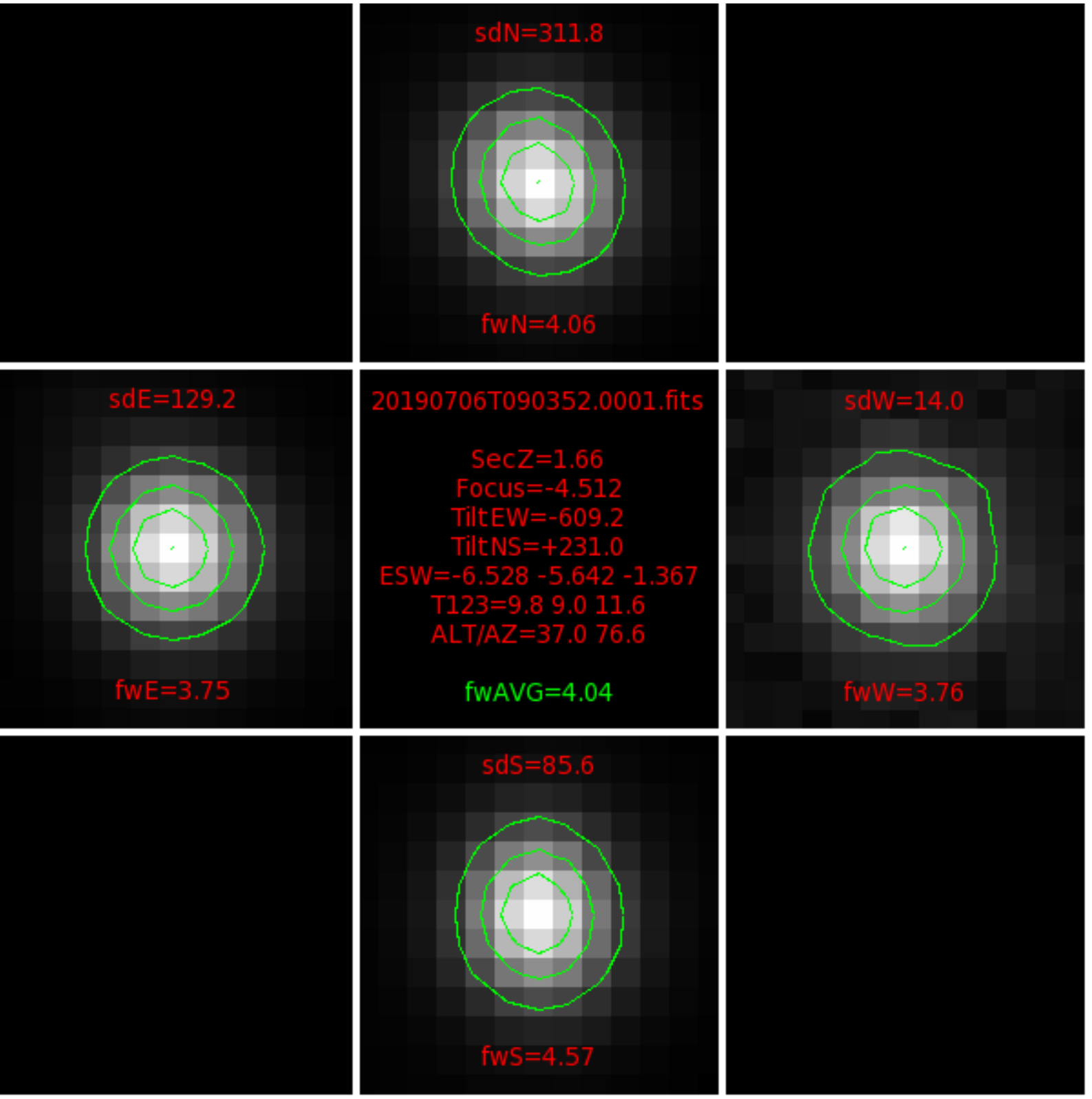
sdN=311.8
fwN=4.06
sdE=129.2
fwE=3.75
20190706T090352.0001.fits
SecZ=1.66
Focus=-4.512
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.528 -5.642 -1.367
T123=9.8 9.0 11.6
ALT/AZ=37.0 76.6
fwAVG=4.04
sdW=14.0
fwW=3.76
sdS=85.6
fwS=4.57
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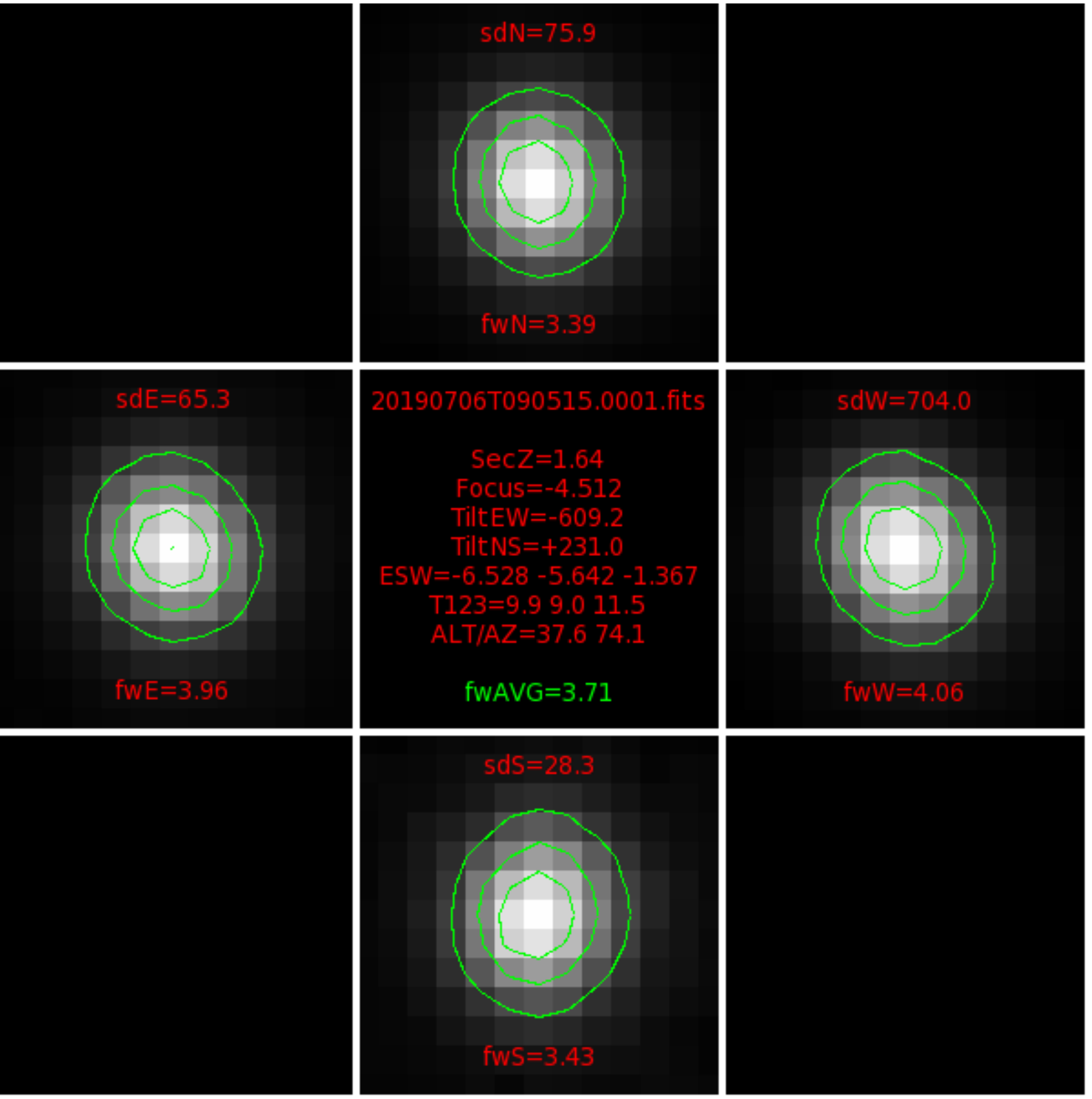
sdN=75.9
fwN=3.39
sdE=65.3
fwE=3.96
20190706T090515.0001.fits
SecZ=1.64
Focus=-4.512
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.528 -5.642 -1.367
T123=9.9 9.0 11.5
ALT/AZ=37.6 74.1
fwAVG=3.71
sdW=704.0
fwW=4.06
sdS=28.3
fwS=3.43
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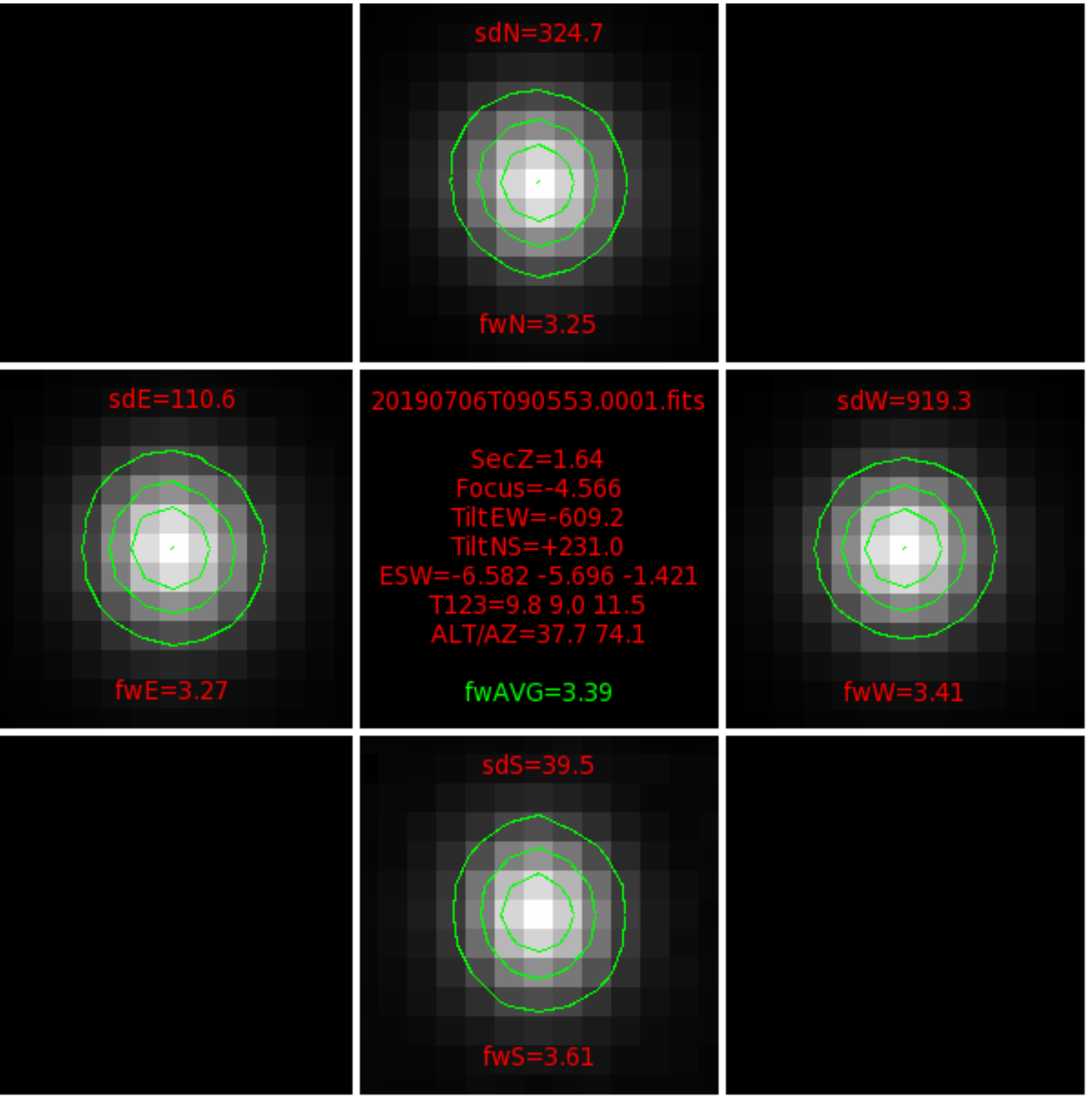
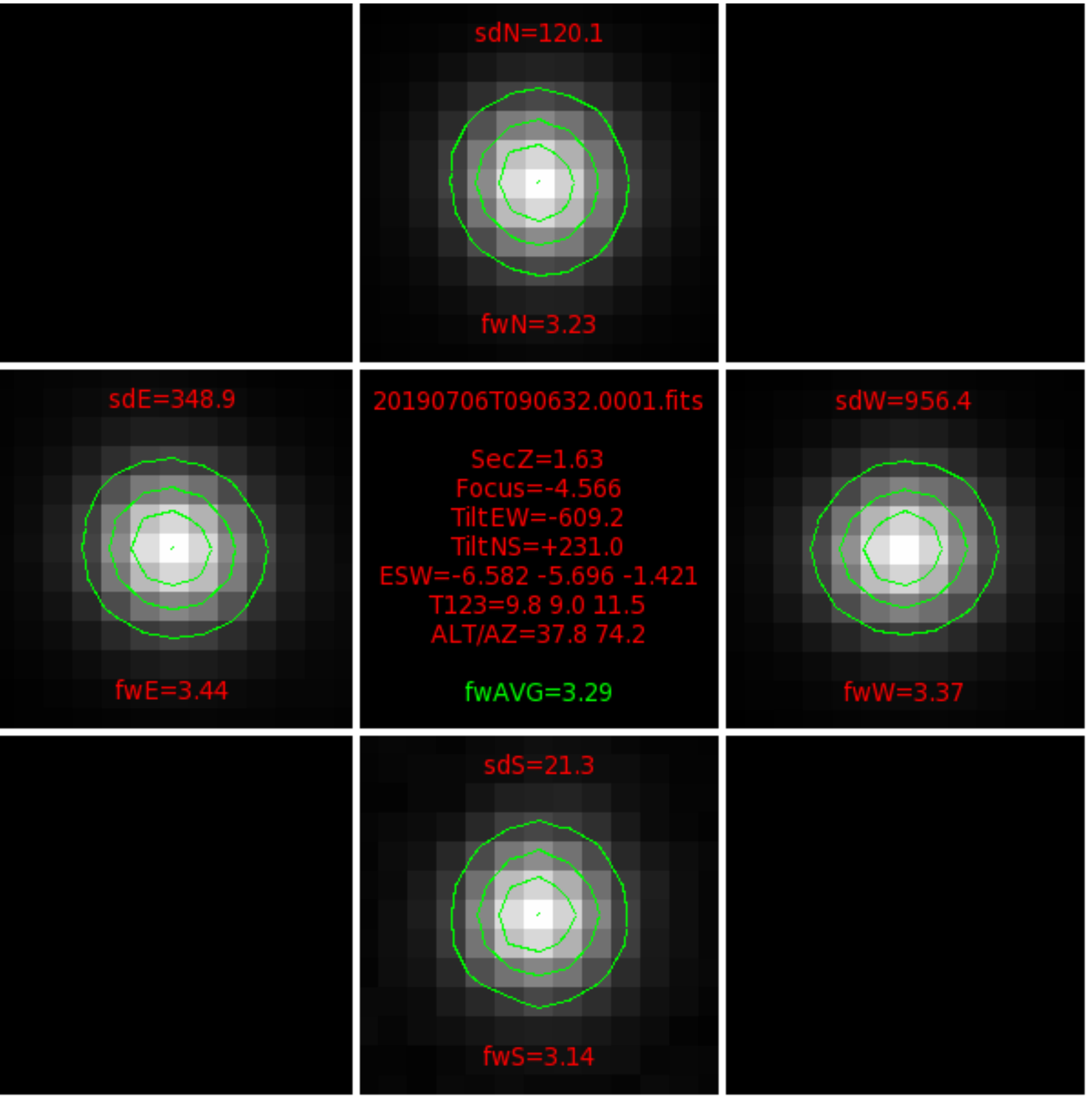

sdN=324.7
fwN=3.25
sdE=110.6
fwE=3.27
20190706T090553.0001.fits
SecZ=1.64
Focus=-4.566
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.582 -5.696 -1.421
T123=9.8 9.0 11.5
ALT/AZ=37.7 74.1
fwAVG=3.39
sdW=919.3
fwW=3.41
sdS=39.5
fwS=3.61
0 0 0 0 0 0 0 0 0


sdN=120.1
fwN=3.23
sdE=348.9
fwE=3.44
20190706T090632.0001.fits
SecZ=1.63
Focus=-4.566
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.582 -5.696 -1.421
T123=9.8 9.0 11.5
ALT/AZ=37.8 74.2
fwAVG=3.29
sdW=956.4
fwW=3.37
sdS=21.3
fwS=3.14
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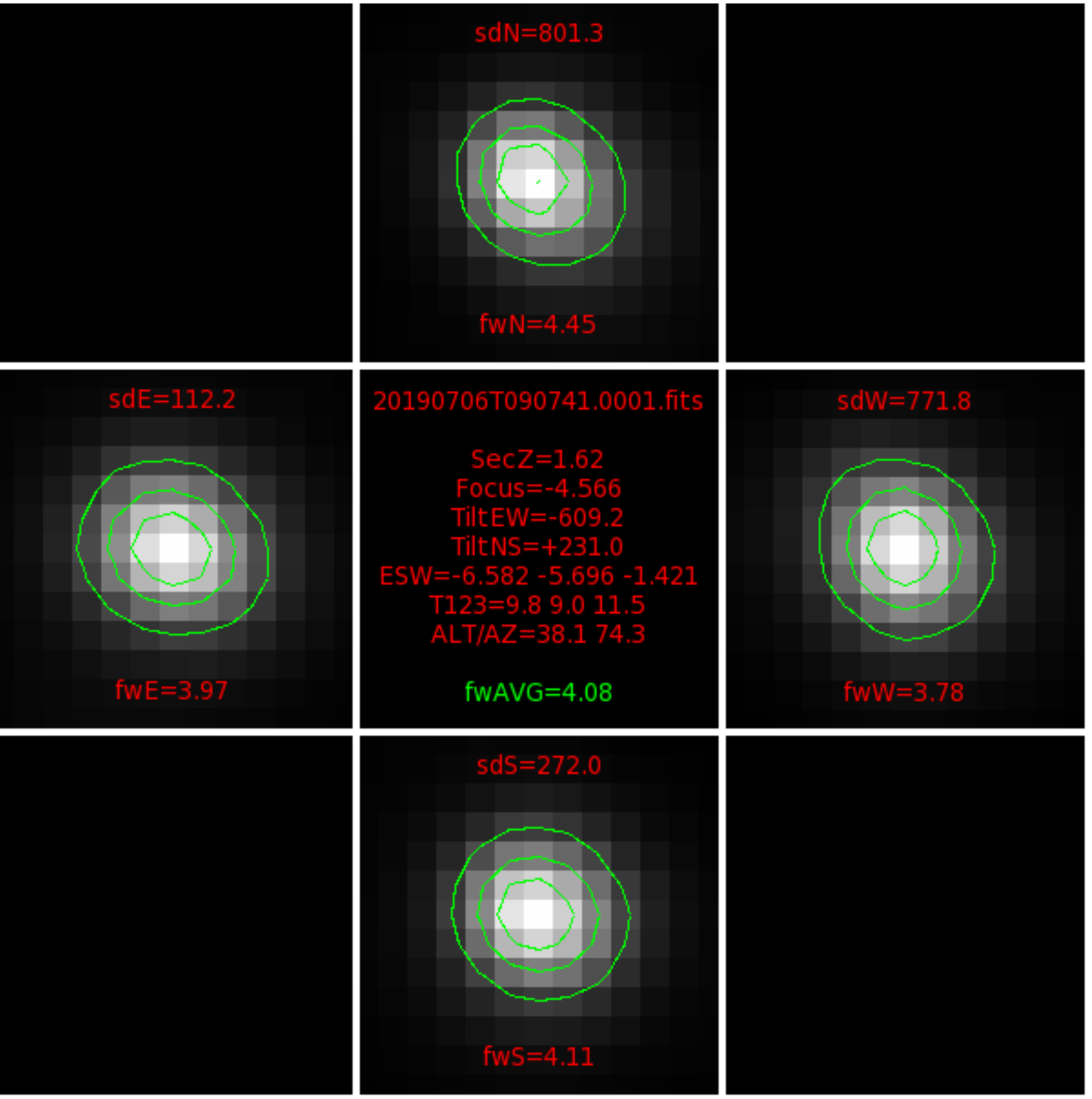
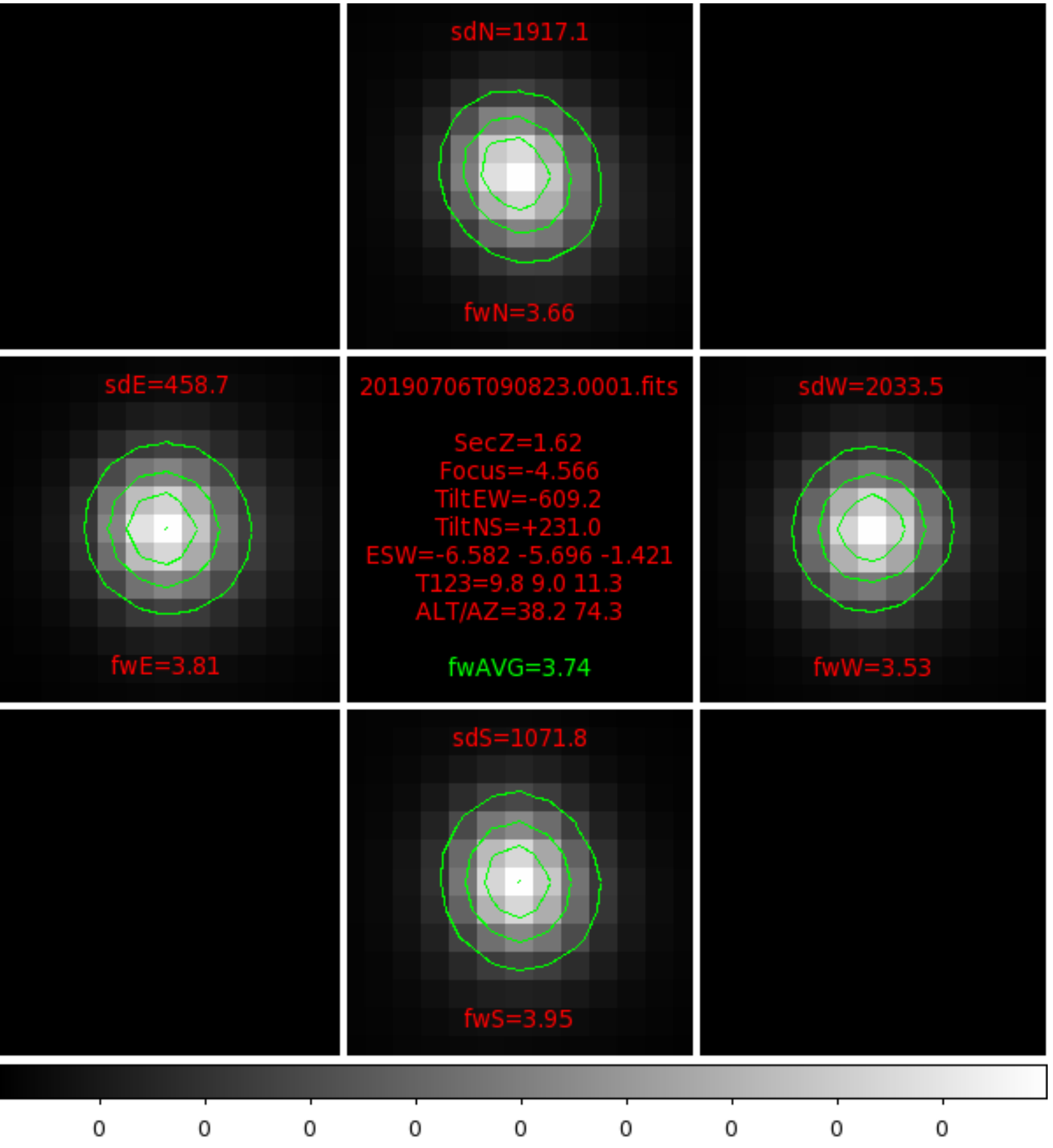

sdN=801.3
fwN=4.45
sdE=112.2
fwE=3.97
20190706T090741.0001.fits
SecZ=1.62
Focus=-4.566
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.582 -5.696 -1.421
T123=9.8 9.0 11.5
ALT/AZ=38.1 74.3
fwAVG=4.08
sdW=771.8
fwW=3.78
sdS=272.0
fwS=4.11
0 0 0 0 0 0 0 0 0


sdN=1917.1
fwN=3.66
sdE=458.7
fwE=3.81
20190706T090823.0001.fits
SecZ=1.62
Focus=-4.566
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.582 -5.696 -1.421
T123=9.8 9.0 11.3
ALT/AZ=38.2 74.3
fwAVG=3.74
sdW=2033.5
fwW=3.53
sdS=1071.8
fwS=3.95
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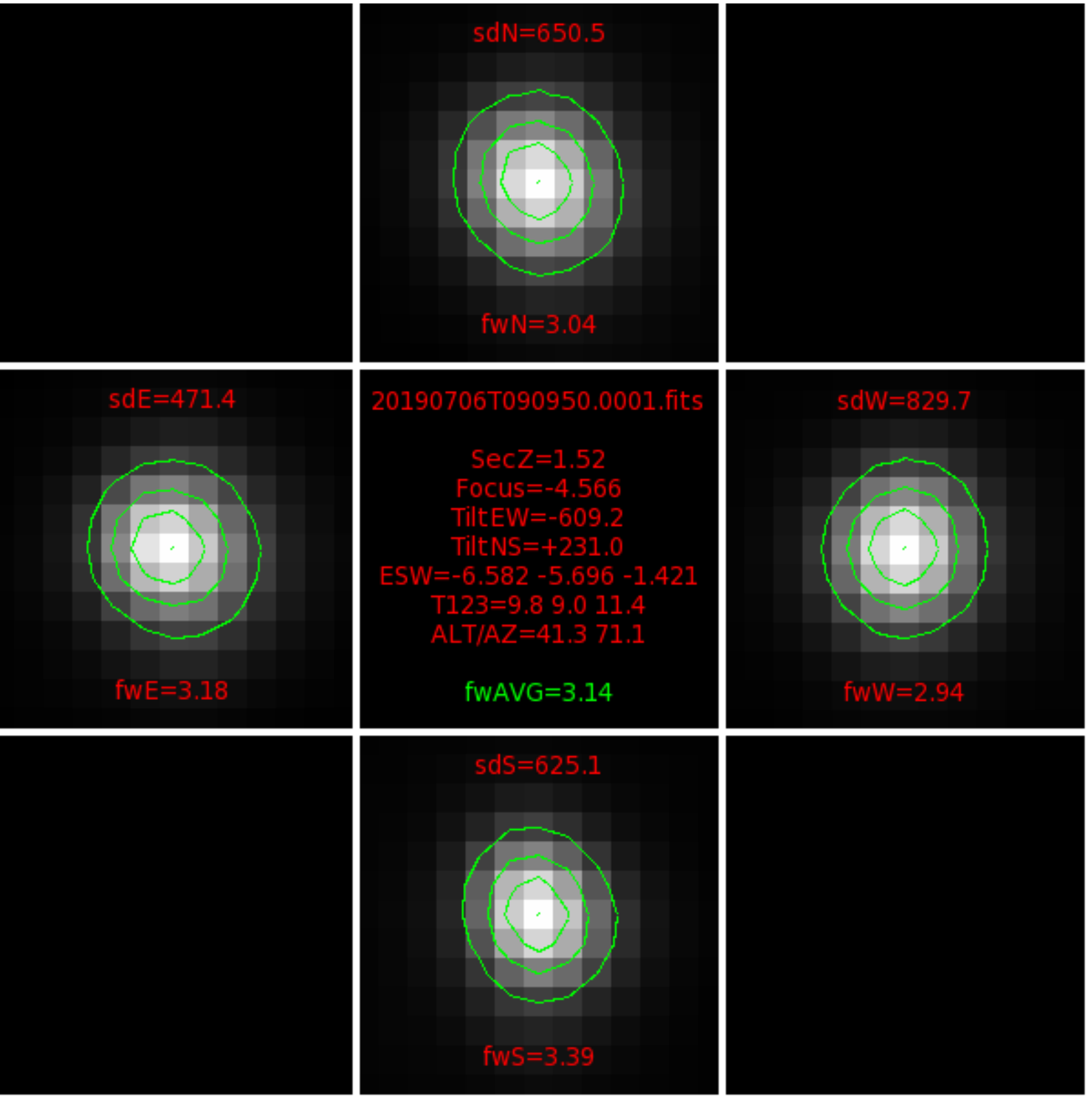
sdN=650.5
fwN=3.04
sdE=471.4
fwE=3.18
20190706T090950.0001.fits
SecZ=1.52
Focus=-4.566
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.582 -5.696 -1.421
T123=9.8 9.0 11.4
ALT/AZ=41.3 71.1
fwAVG=3.14
sdW=829.7
fwW=2.94
sdS=625.1
fwS=3.39
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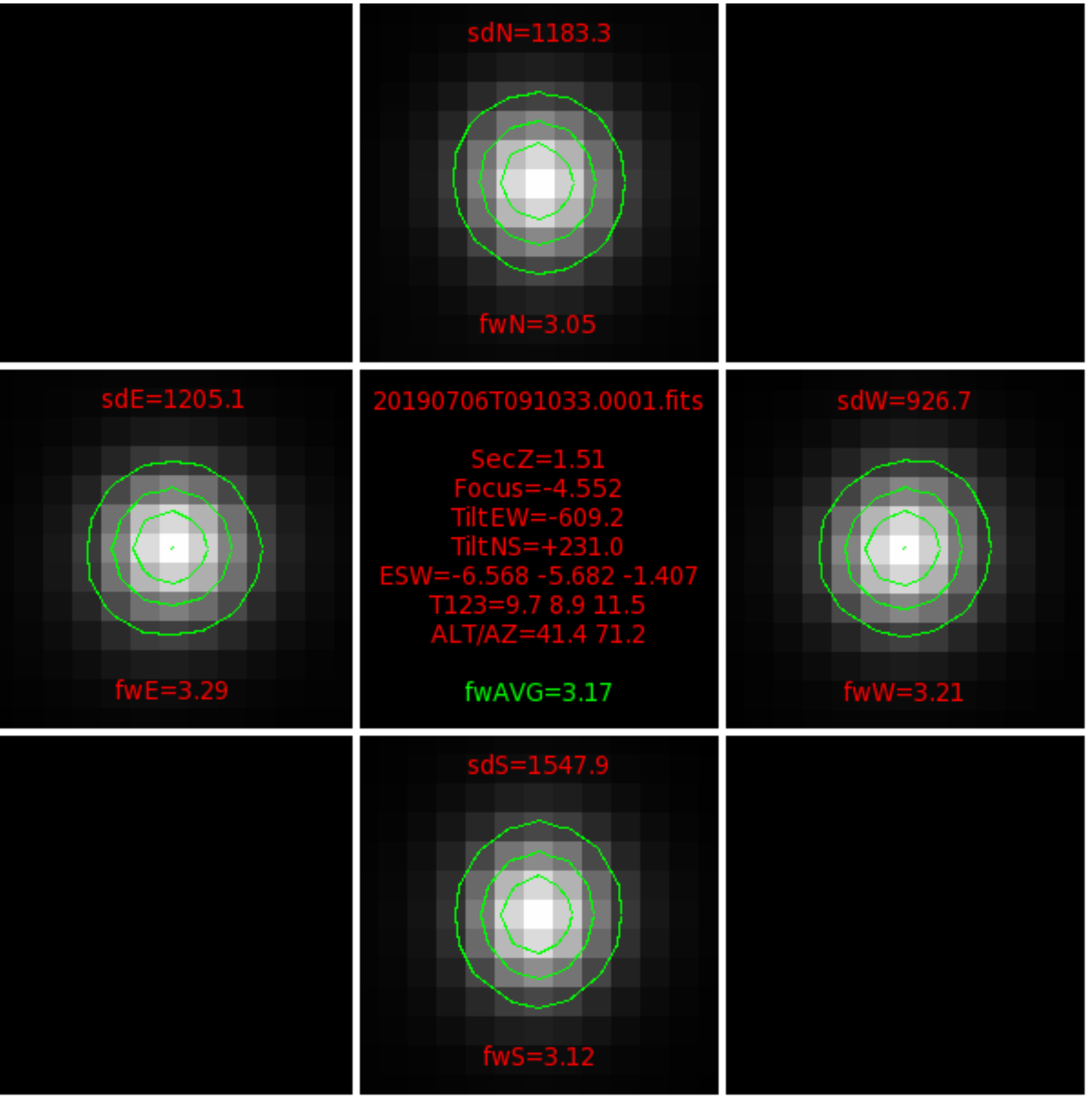
sdN=1183.3
fwN=3.05
sdE=1205.1
fwE=3.29
20190706T091033.0001.fits
SecZ=1.51
Focus=-4.552
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.568 -5.682 -1.407
T123=9.7 8.9 11.5
ALT/AZ=41.4 71.2
fwAVG=3.17
sdW=926.7
fwW=3.21
sdS=1547.9
fwS=3.12
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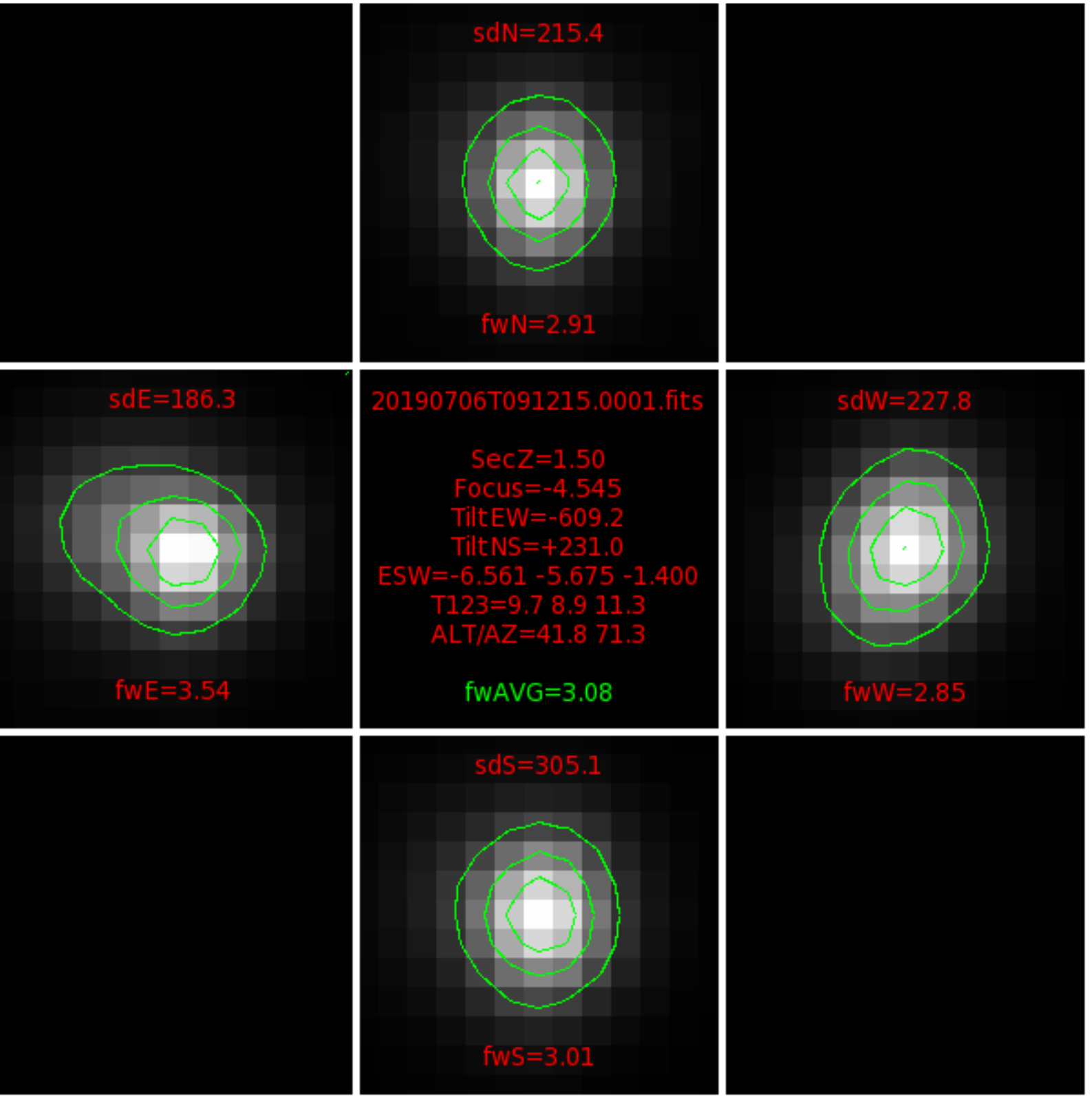
sdN=215.4
fwN=2.91
sdE=186.3
fwE=3.54
20190706T091215.0001.fits
SecZ=1.50
Focus=-4.545
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.561 -5.675 -1.400
T123=9.7 8.9 11.3
ALT/AZ=41.8 71.3
fwAVG=3.08
sdW=227.8
fwW=2.85
sdS=305.1
fwS=3.01
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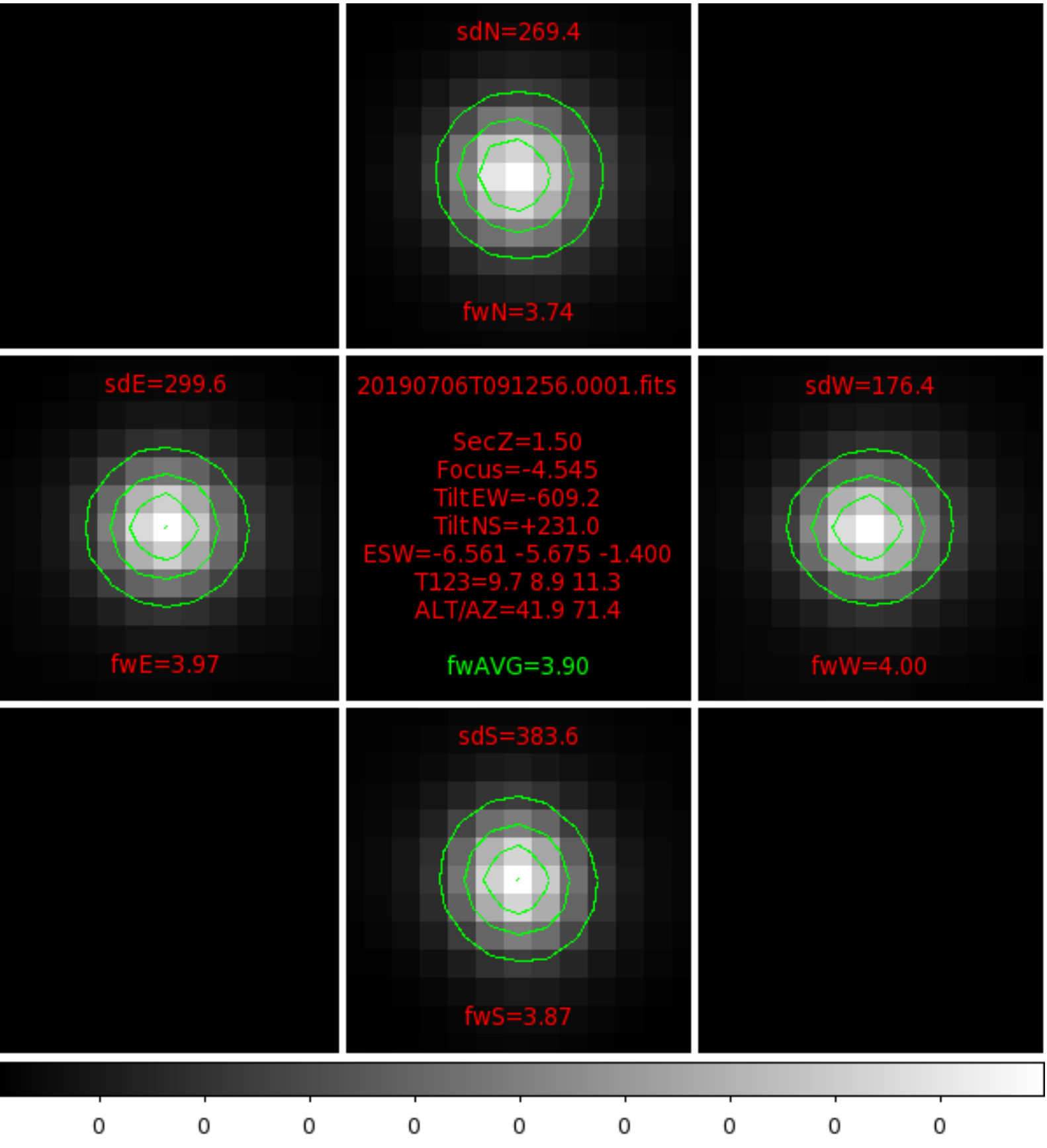
sdN=269.4
fwN=3.74
sdE=299.6
fwE=3.97
20190706T091256.0001.fits
SecZ=1.50
Focus=-4.545
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.561 -5.675 -1.400
T123=9.7 8.9 11.3
ALT/AZ=41.9 71.4
fwAVG=3.90
sdW=176.4
fwW=4.00
sdS=383.6
fwS=3.87
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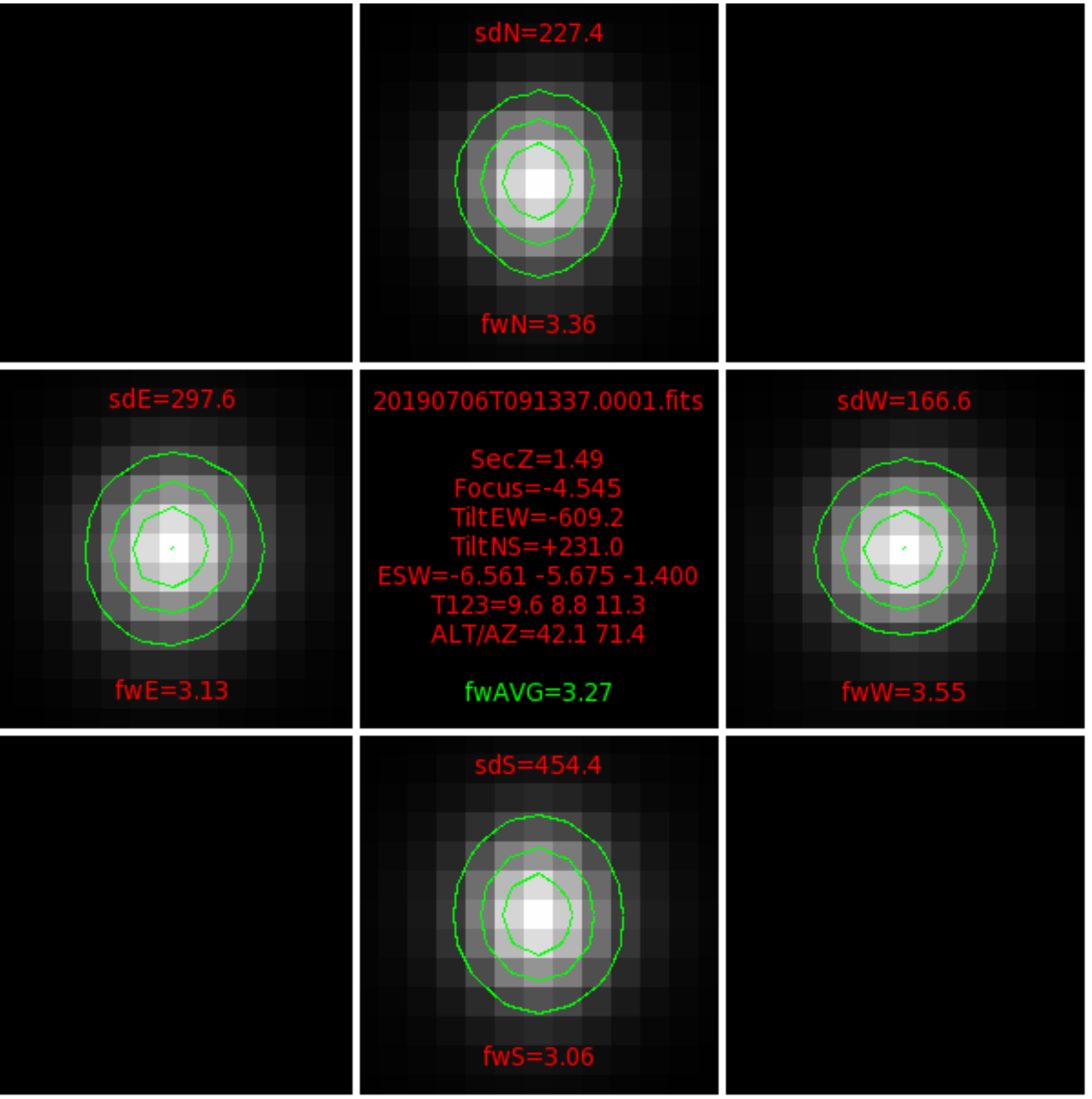
sdN=227.4
fwN=3.36
sdE=297.6
fwE=3.13
20190706T091337.0001.fits
SecZ=1.49
Focus=-4.545
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.561 -5.675 -1.400
T123=9.6 8.8 11.3
ALT/AZ=42.1 71.4
fwAVG=3.27
sdW=166.6
fwW=3.55
sdS=454.4
fwS=3.06
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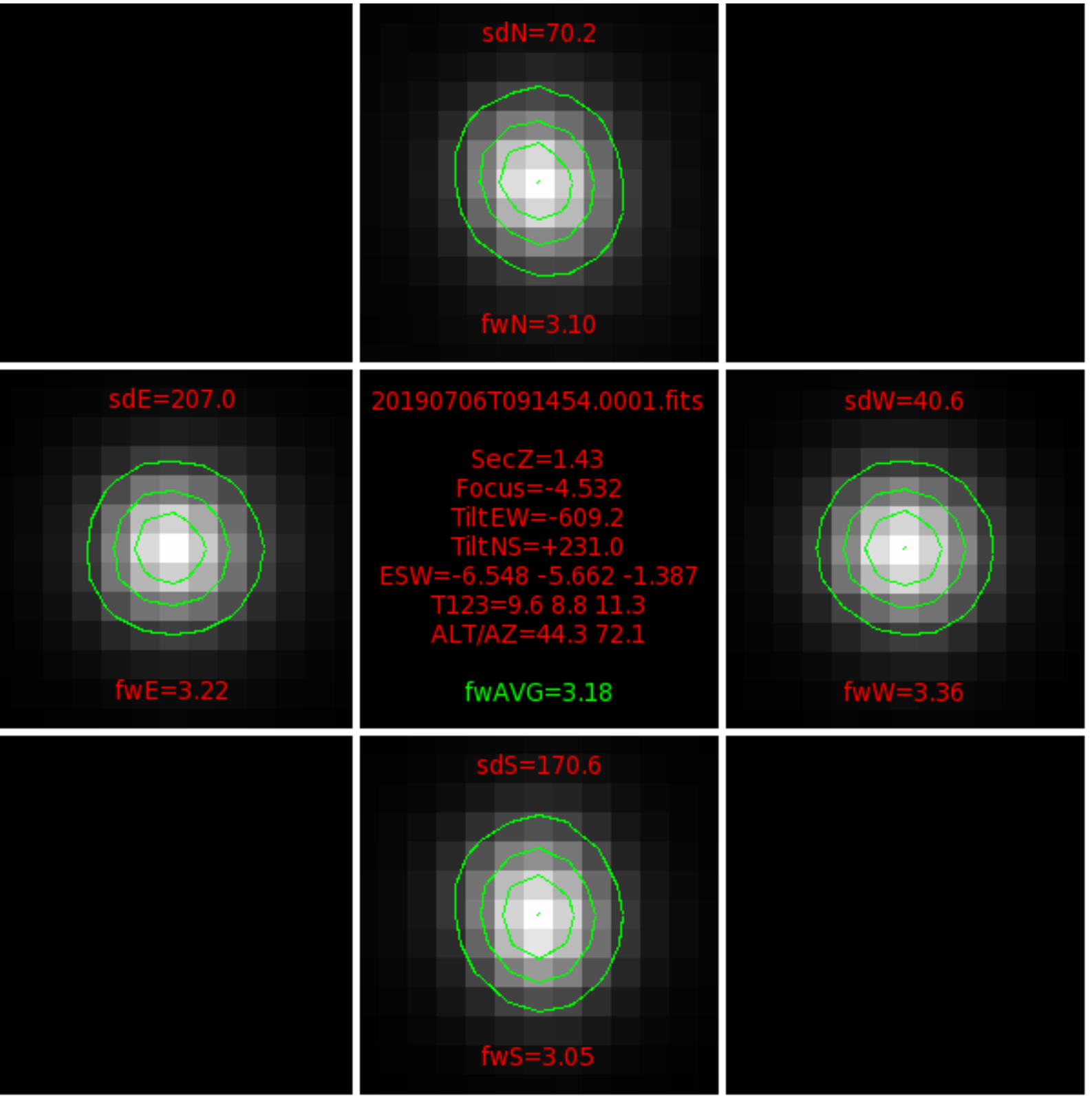
sdN=70.2
fwN=3.10
sdE=207.0
fwE=3.22
20190706T091454.0001.fits
SecZ=1.43
Focus=-4.532
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.548 -5.662 -1.387
T123=9.6 8.8 11.3
ALT/AZ=44.3 72.1
fwAVG=3.18
sdW=40.6
fwW=3.36
sdS=170.6
fwS=3.05
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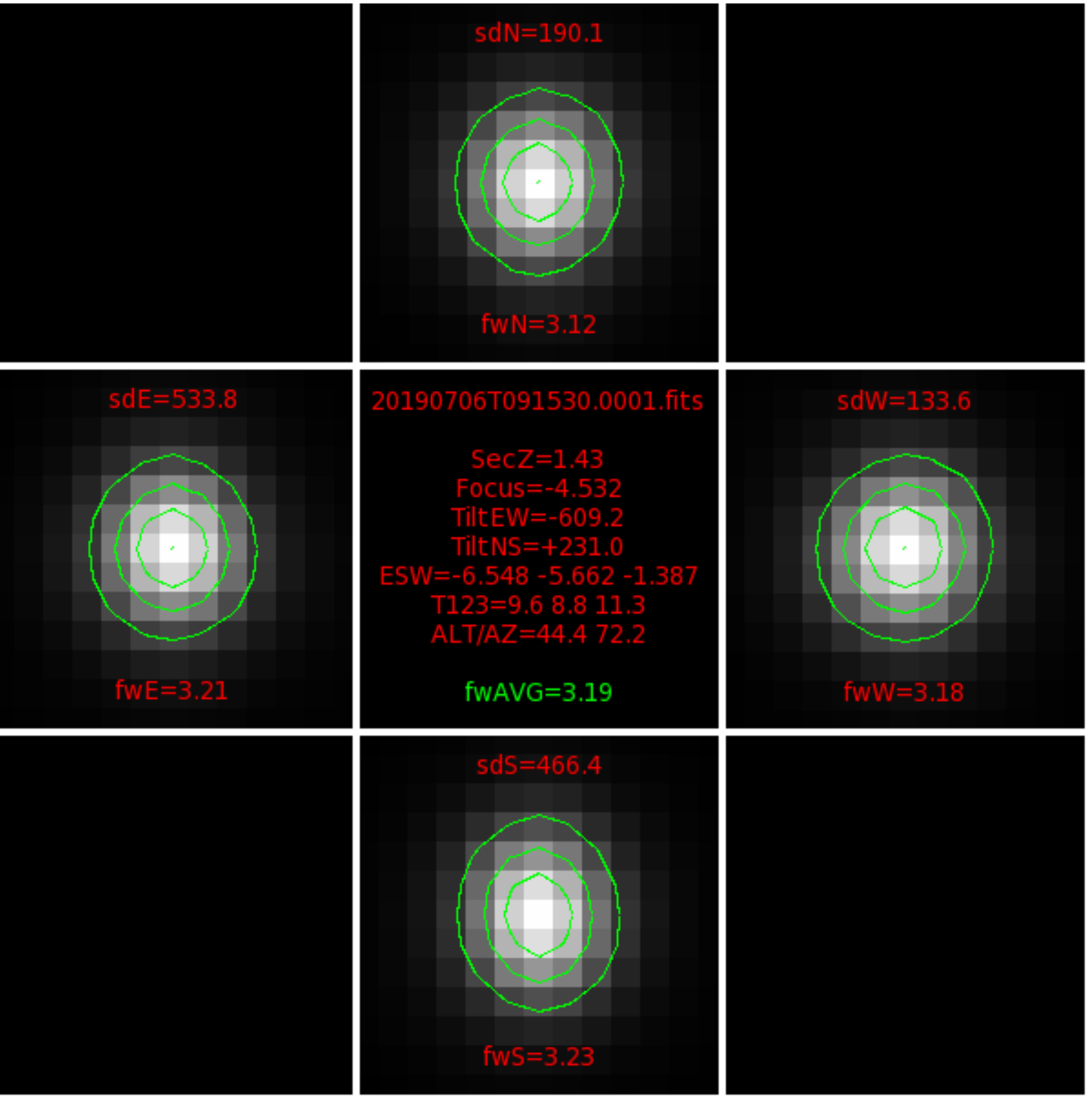
sdN=190.1
fwN=3.12
sdE=533.8
fwE=3.21
20190706T091530.0001.fits
SecZ=1.43
Focus=-4.532
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.548 -5.662 -1.387
T123=9.6 8.8 11.3
ALT/AZ=44.4 72.2
fwAVG=3.19
sdW=133.6
fwW=3.18
sdS=466.4
fwS=3.23
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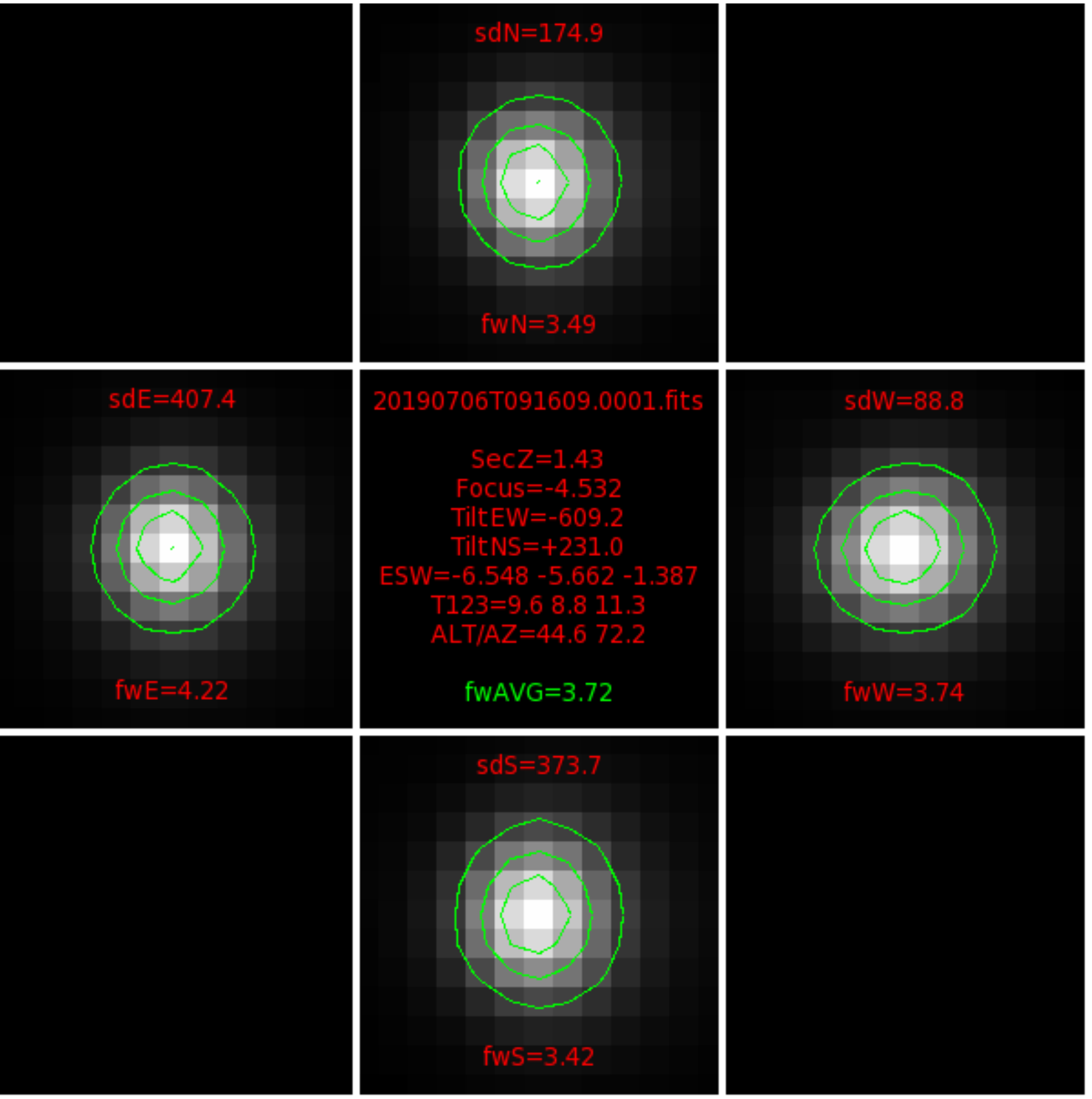
sdN=174.9
fwN=3.49
sdE=407.4
fwE=4.22
20190706T091609.0001.fits
SecZ=1.43
Focus=-4.532
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.548 -5.662 -1.387
T123=9.6 8.8 11.3
ALT/AZ=44.6 72.2
fwAVG=3.72
sdW=88.8
fwW=3.74
sdS=373.7
fwS=3.42
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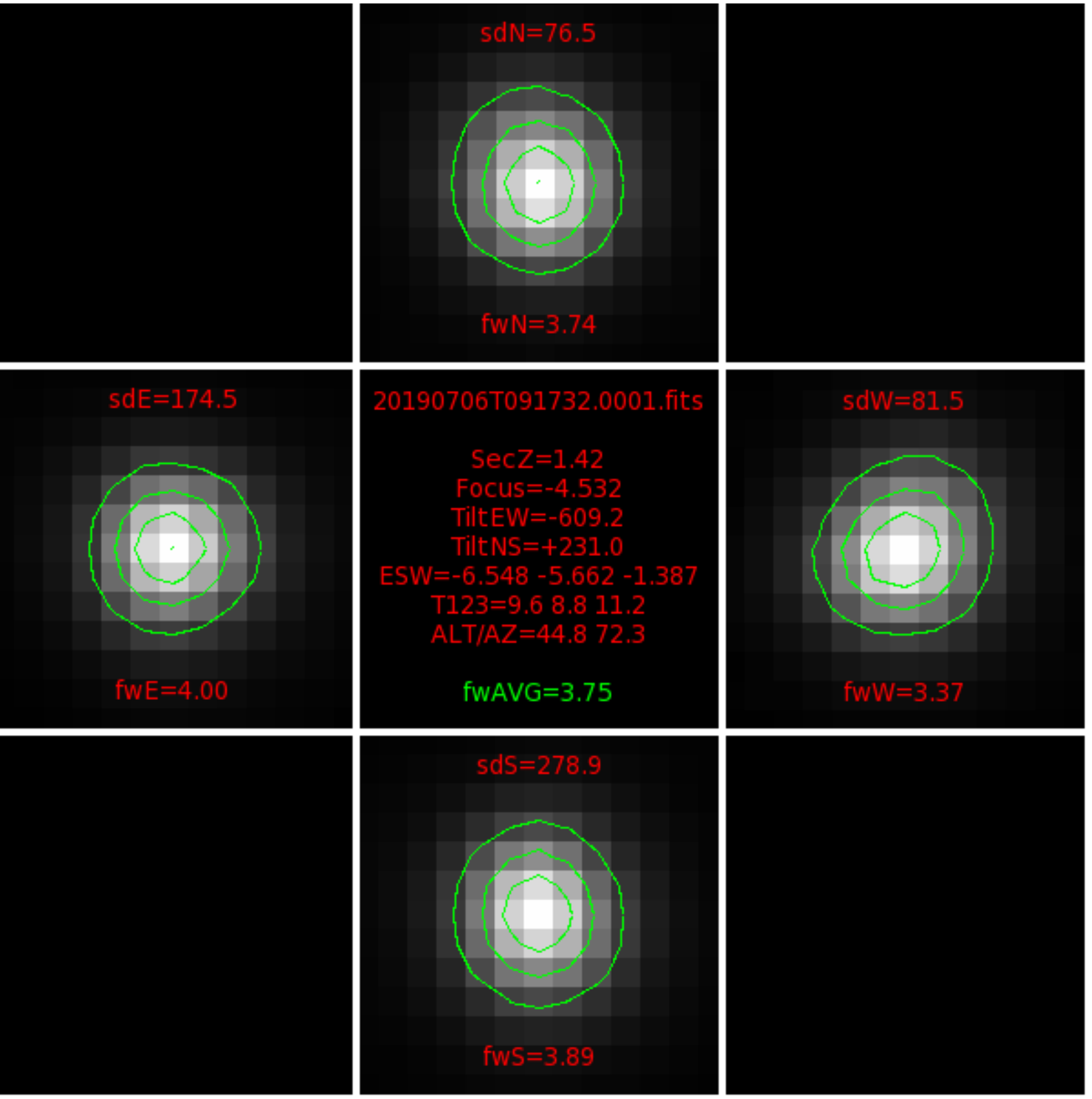
sdN=76.5
fwN=3.74
sdE=174.5
fwE=4.00
20190706T091732.0001.fits
SecZ=1.42
Focus=-4.532
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.548 -5.662 -1.387
T123=9.6 8.8 11.2
ALT/AZ=44.8 72.3
fwAVG=3.75
sdW=81.5
fwW=3.37
sdS=278.9
fwS=3.89
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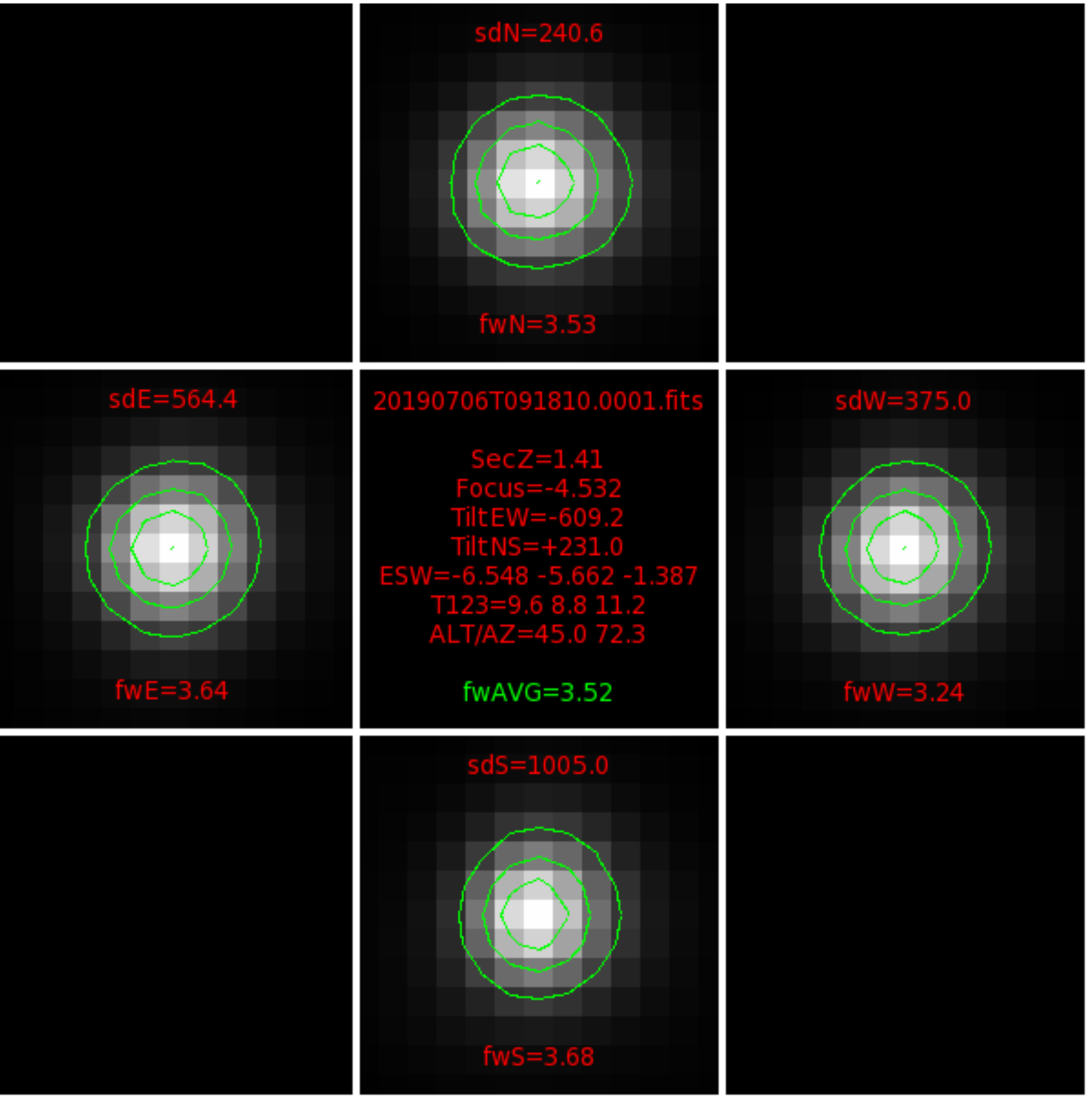
sdN=240.6
fwN=3.53
sdE=564.4
fwE=3.64
20190706T091810.0001.fits
SecZ=1.41
Focus=-4.532
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.548 -5.662 -1.387
T123=9.6 8.8 11.2
ALT/AZ=45.0 72.3
fwAVG=3.52
sdW=375.0
fwW=3.24
sdS=1005.0
fwS=3.68
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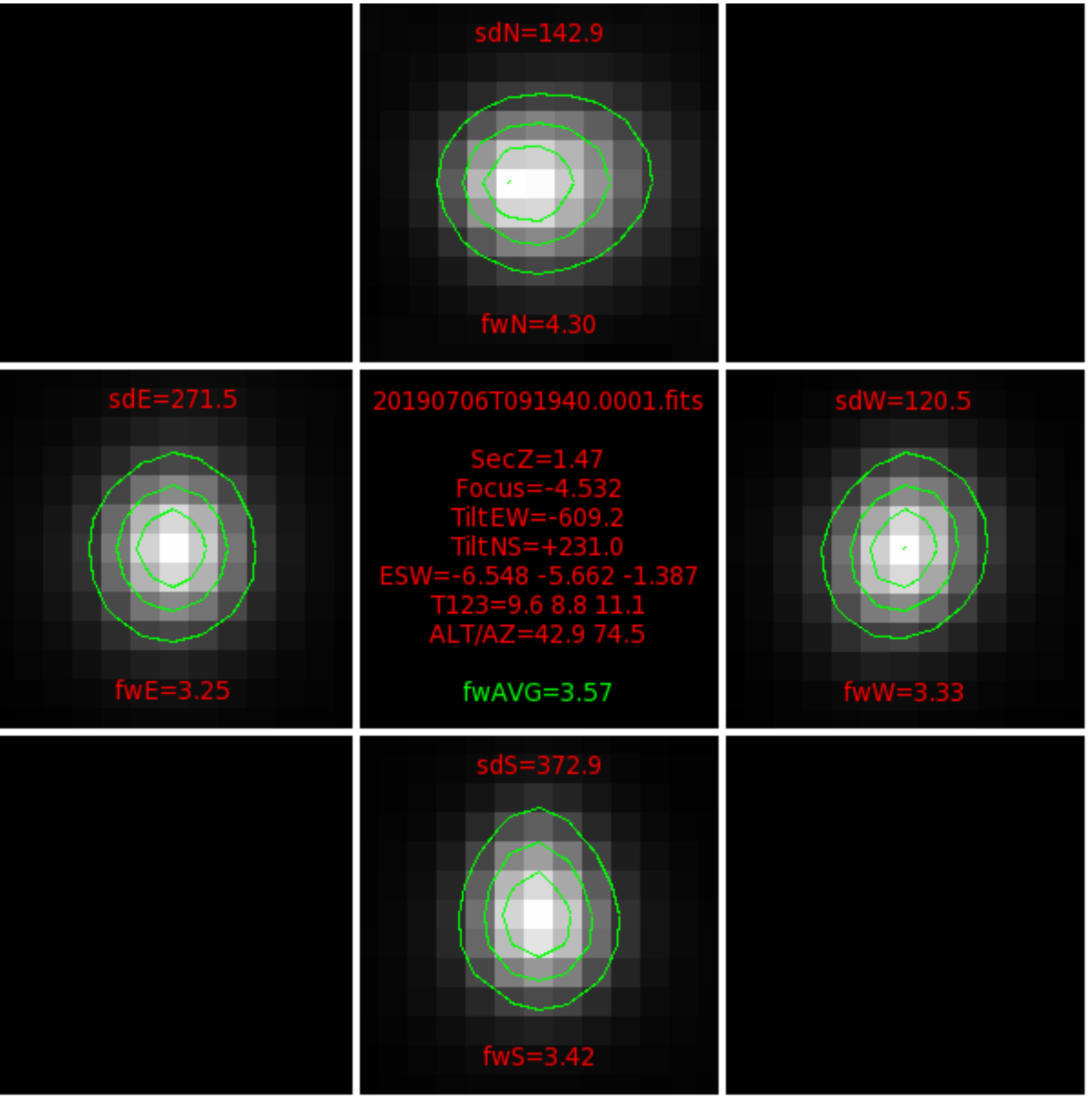
sdN=142.9
fwN=4.30
sdE=271.5
fwE=3.25
20190706T091940.0001.fits
SecZ=1.47
Focus=-4.532
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.548 -5.662 -1.387
T123=9.6 8.8 11.1
ALT/AZ=42.9 74.5
fwAVG=3.57
sdW=120.5
fwW=3.33
sdS=372.9
fwS=3.42
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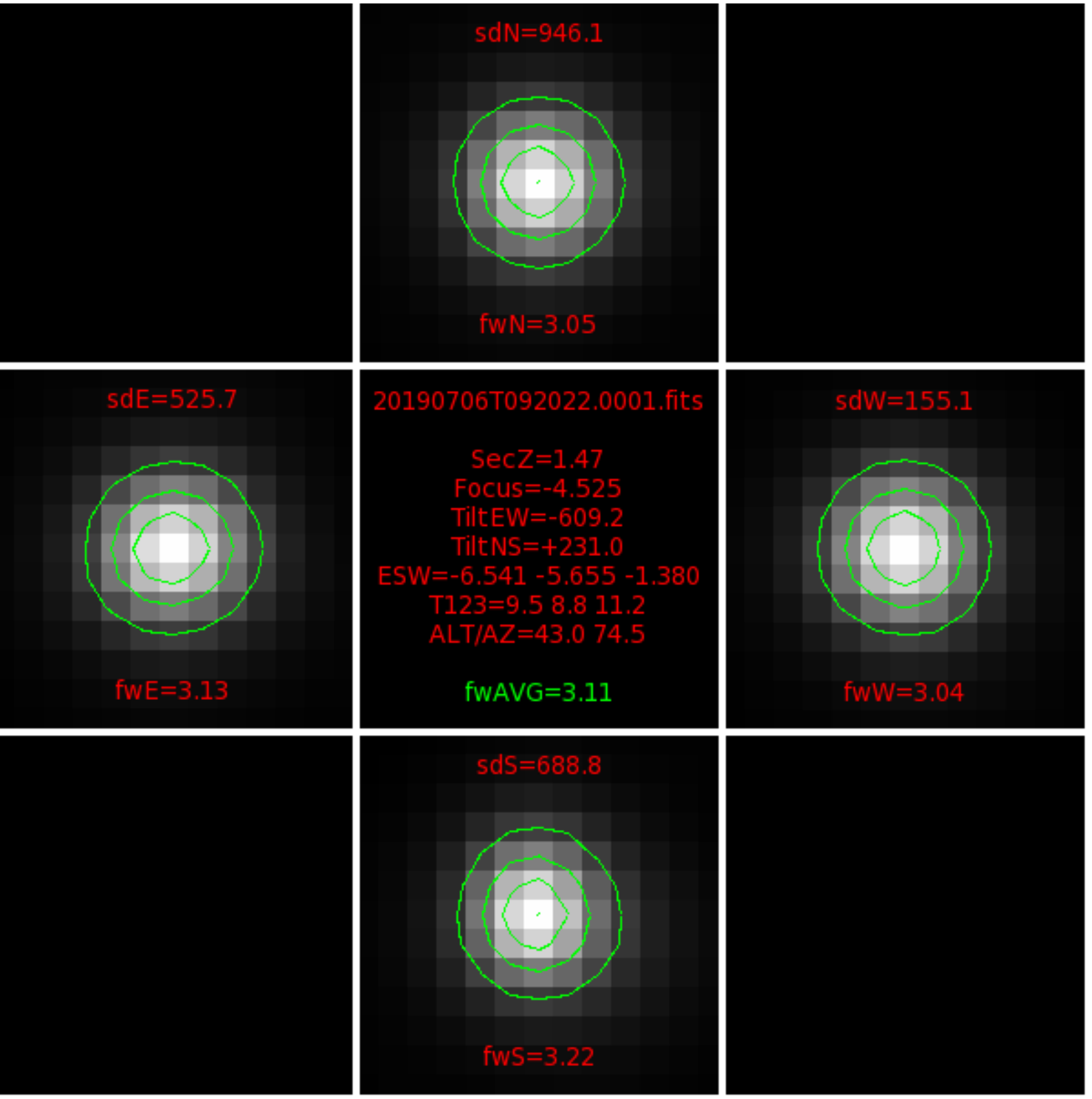
sdN=946.1
fwN=3.05
sdE=525.7
fwE=3.13
20190706T092022.0001.fits
SecZ=1.47
Focus=-4.525
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.541 -5.655 -1.380
T123=9.5 8.8 11.2
ALT/AZ=43.0 74.5
fwAVG=3.11
sdW=155.1
fwW=3.04
sdS=688.8
fwS=3.22
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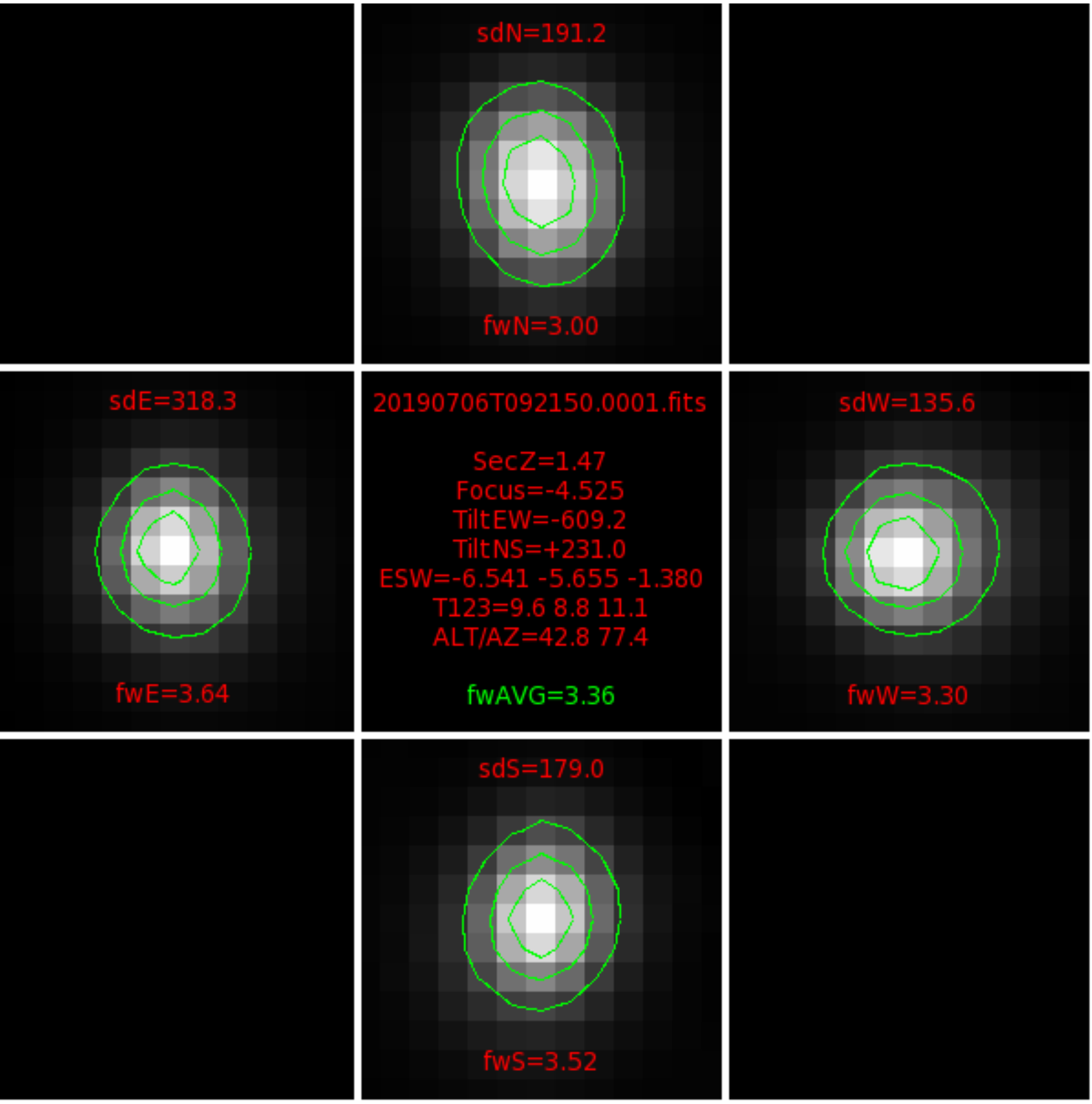
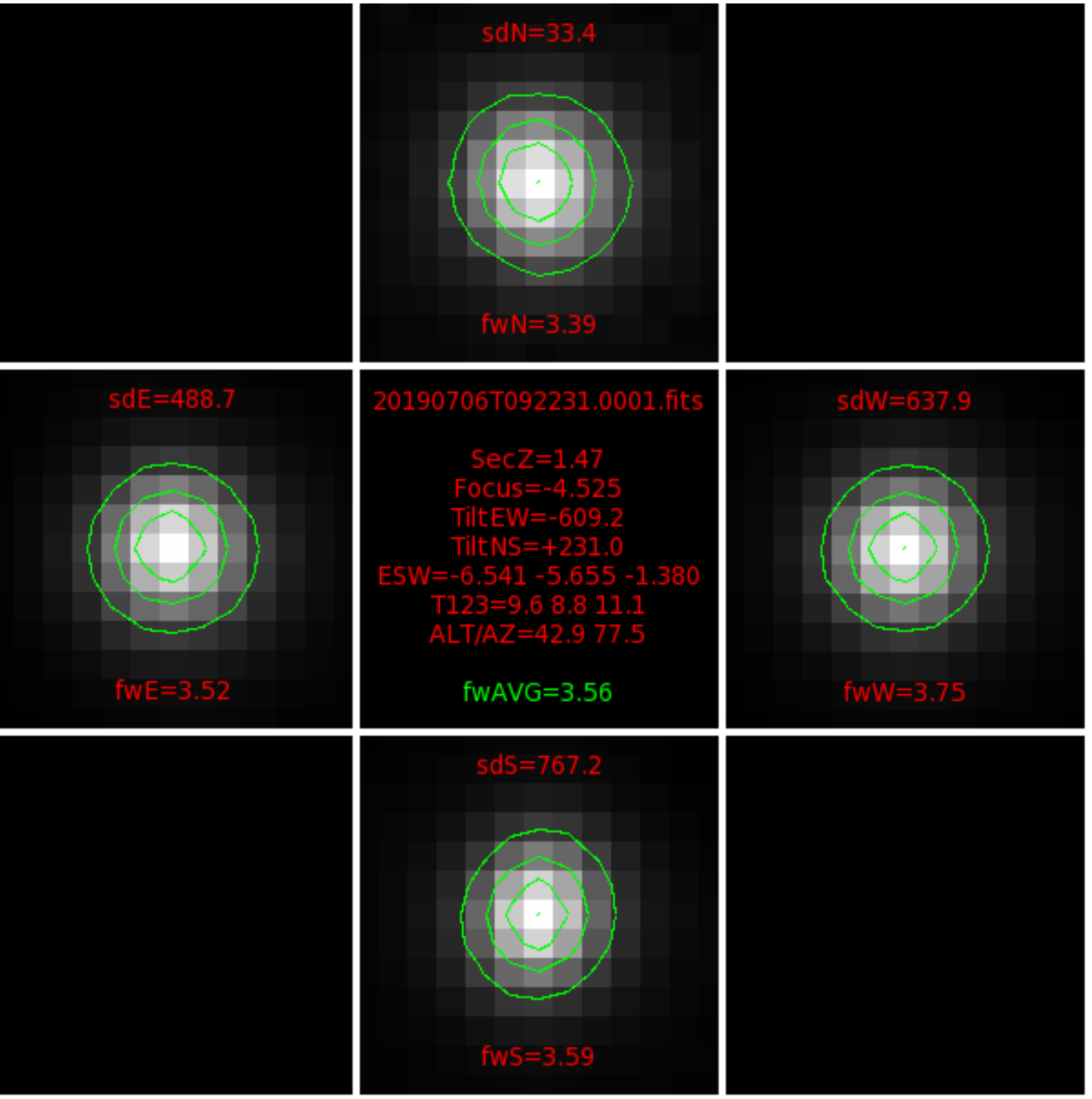

sdN=191.2
fwN=3.00
sdE=318.3
fwE=3.64
20190706T092150.0001.fits
SecZ=1.47
Focus=-4.525
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.541 -5.655 -1.380
T123=9.6 8.8 11.1
ALT/AZ=42.8 77.4
fwAVG=3.36
sdW=135.6
fwW=3.30
sdS=179.0
fwS=3.52
0 0 0 0 0 0 0 0 0


sdN=33.4
fwN=3.39
sdE=488.7
fwE=3.52
20190706T092231.0001.fits
SecZ=1.47
Focus=-4.525
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.541 -5.655 -1.380
T123=9.6 8.8 11.1
ALT/AZ=42.9 77.5
fwAVG=3.56
sdW=637.9
fwW=3.75
sdS=767.2
fwS=3.59
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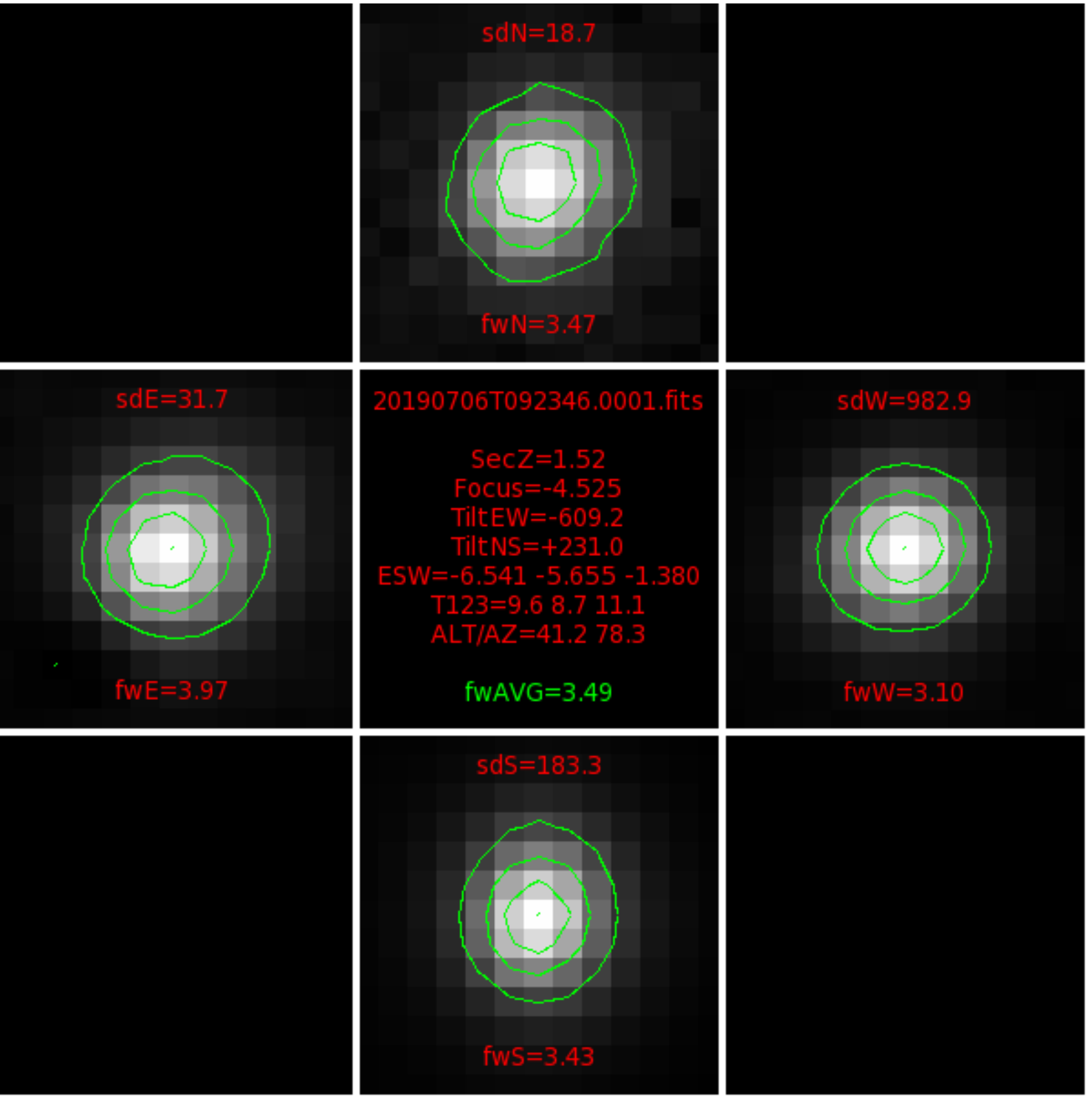
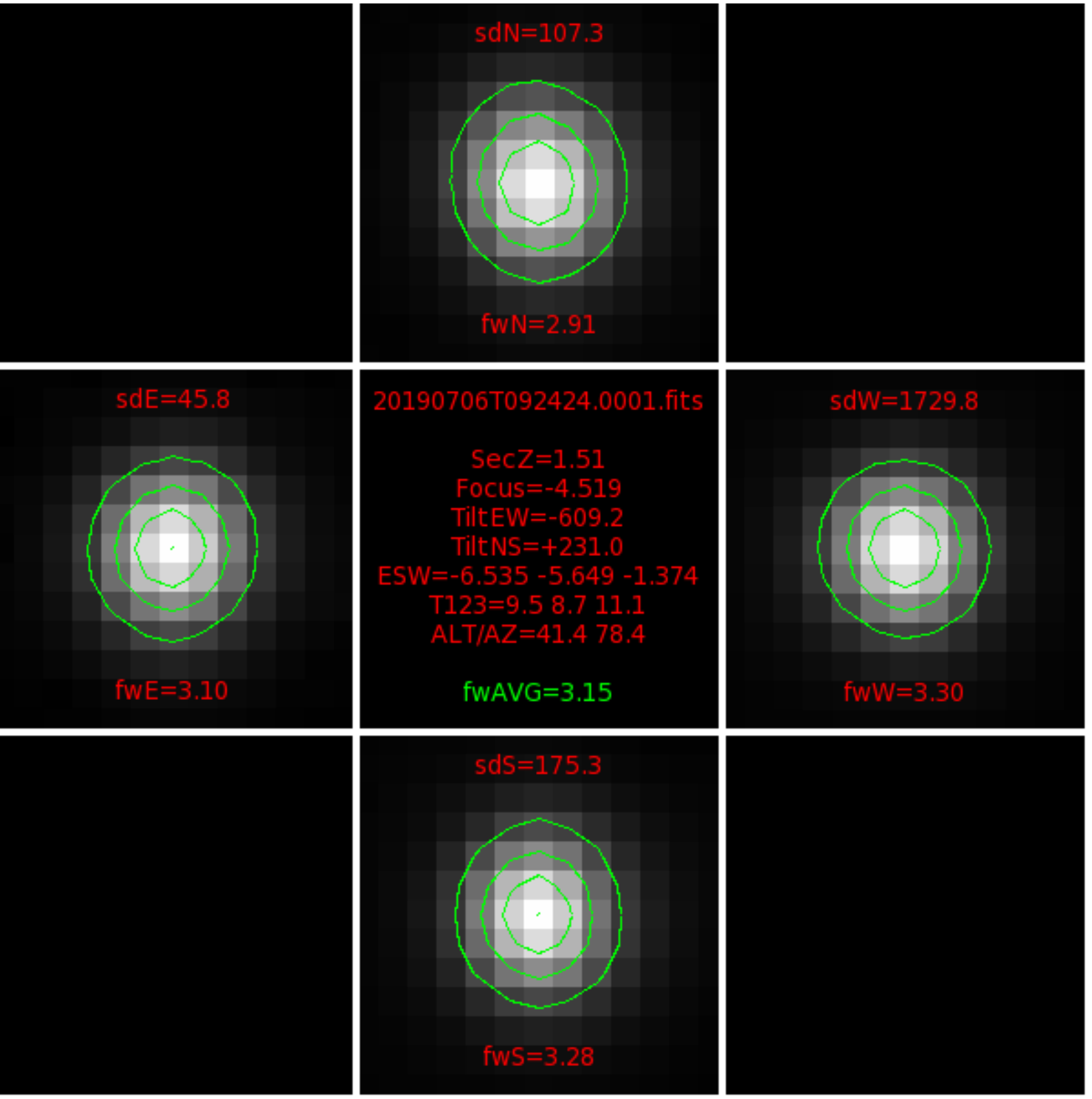

sdN=18.7
fwN=3.47
sdE=31.7
fwE=3.97
20190706T092346.0001.fits
SecZ=1.52
Focus=-4.525
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.541 -5.655 -1.380
T123=9.6 8.7 11.1
ALT/AZ=41.2 78.3
fwAVG=3.49
sdW=982.9
fwW=3.10
sdS=183.3
fwS=3.43
0 0 0 0 0 0 0 0 0


sdN=107.3
fwN=2.91
sdE=45.8
fwE=3.10
20190706T092424.0001.fits
SecZ=1.51
Focus=-4.519
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.535 -5.649 -1.374
T123=9.5 8.7 11.1
ALT/AZ=41.4 78.4
fwAVG=3.15
sdW=1729.8
fwW=3.30
sdS=175.3
fwS=3.28
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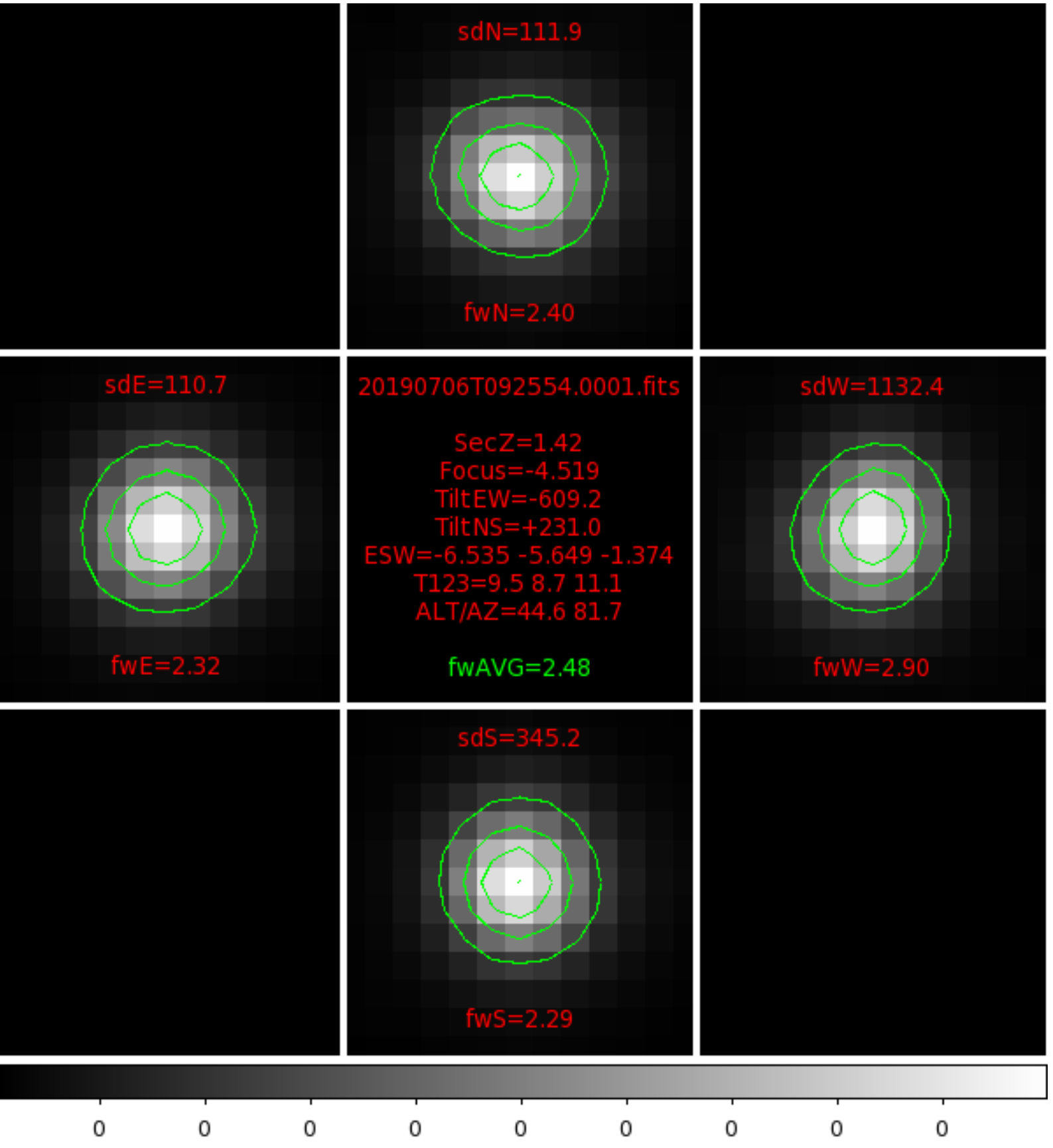
sdN=111.9
fwN=2.40
sdE=110.7
fwE=2.32
20190706T092554.0001.fits
SecZ=1.42
Focus=-4.519
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.535 -5.649 -1.374
T123=9.5 8.7 11.1
ALT/AZ=44.6 81.7
fwAVG=2.48
sdW=1132.4
fwW=2.90
sdS=345.2
fwS=2.29
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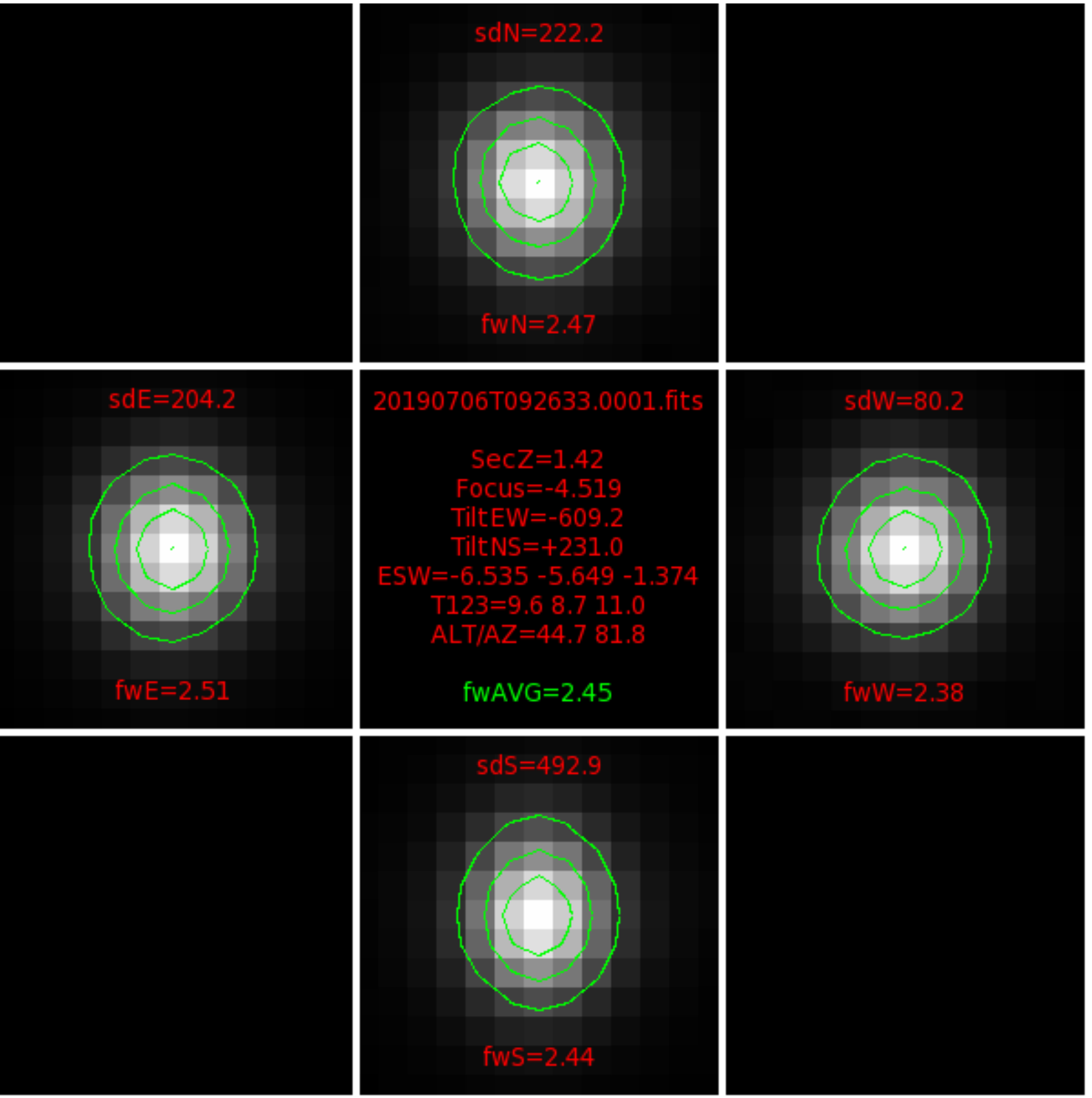
sdN=222.2
fwN=2.47
sdE=204.2
fwE=2.51
20190706T092633.0001.fits
SecZ=1.42
Focus=-4.519
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.535 -5.649 -1.374
T123=9.6 8.7 11.0
ALT/AZ=44.7 81.8
fwAVG=2.45
sdW=80.2
fwW=2.38
sdS=492.9
fwS=2.44
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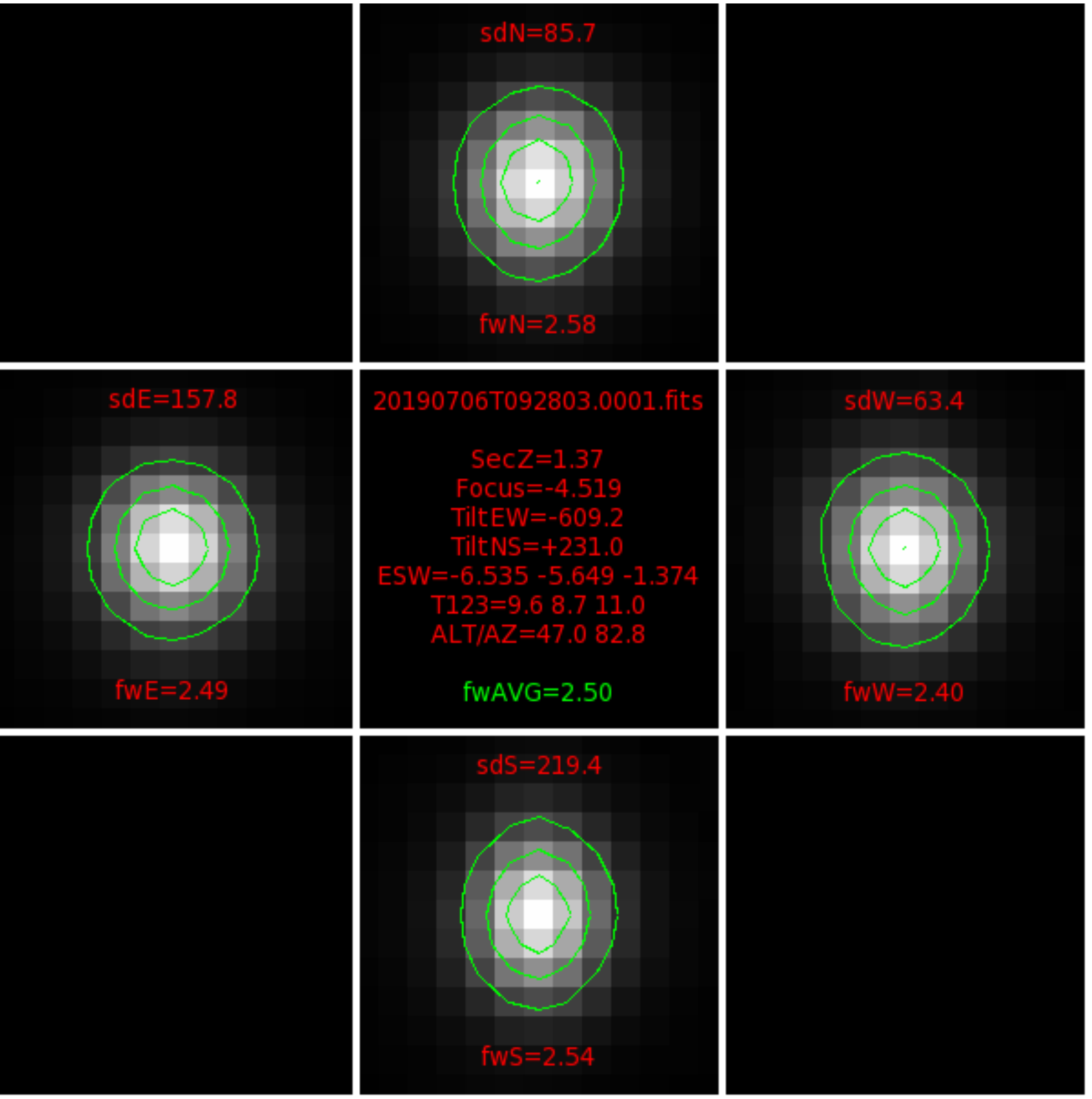
sdN=85.7
fwN=2.58
sdE=157.8
fwE=2.49
20190706T092803.0001.fits
SecZ=1.37
Focus=-4.519
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.535 -5.649 -1.374
T123=9.6 8.7 11.0
ALT/AZ=47.0 82.8
fwAVG=2.50
sdW=63.4
fwW=2.40
sdS=219.4
fwS=2.54
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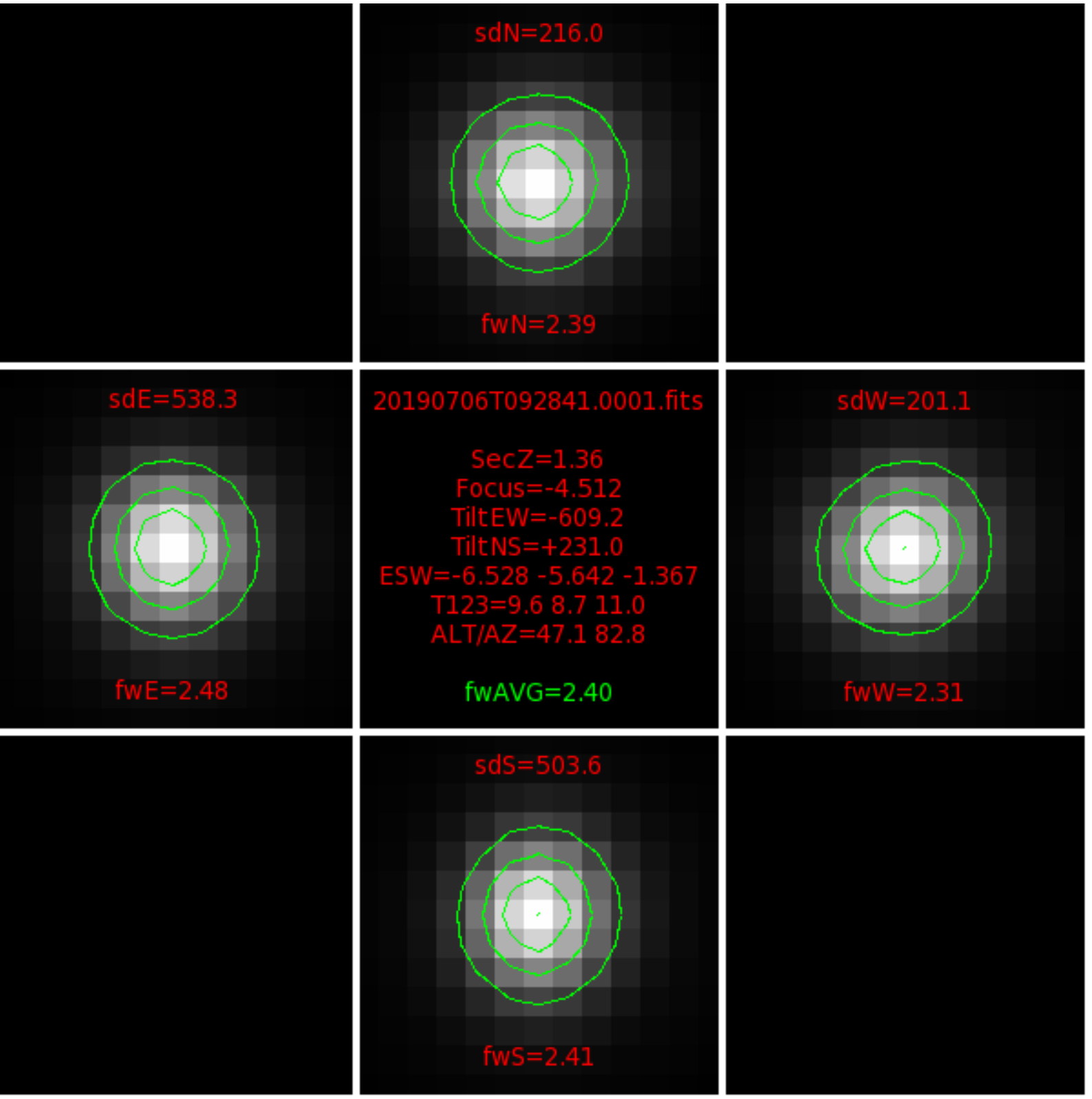
sdN=216.0
fwN=2.39
sdE=538.3
fwE=2.48
20190706T092841.0001.fits
SecZ=1.36
Focus=-4.512
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.528 -5.642 -1.367
T123=9.6 8.7 11.0
ALT/AZ=47.1 82.8
fwAVG=2.40
sdW=201.1
fwW=2.31
sdS=503.6
fwS=2.41
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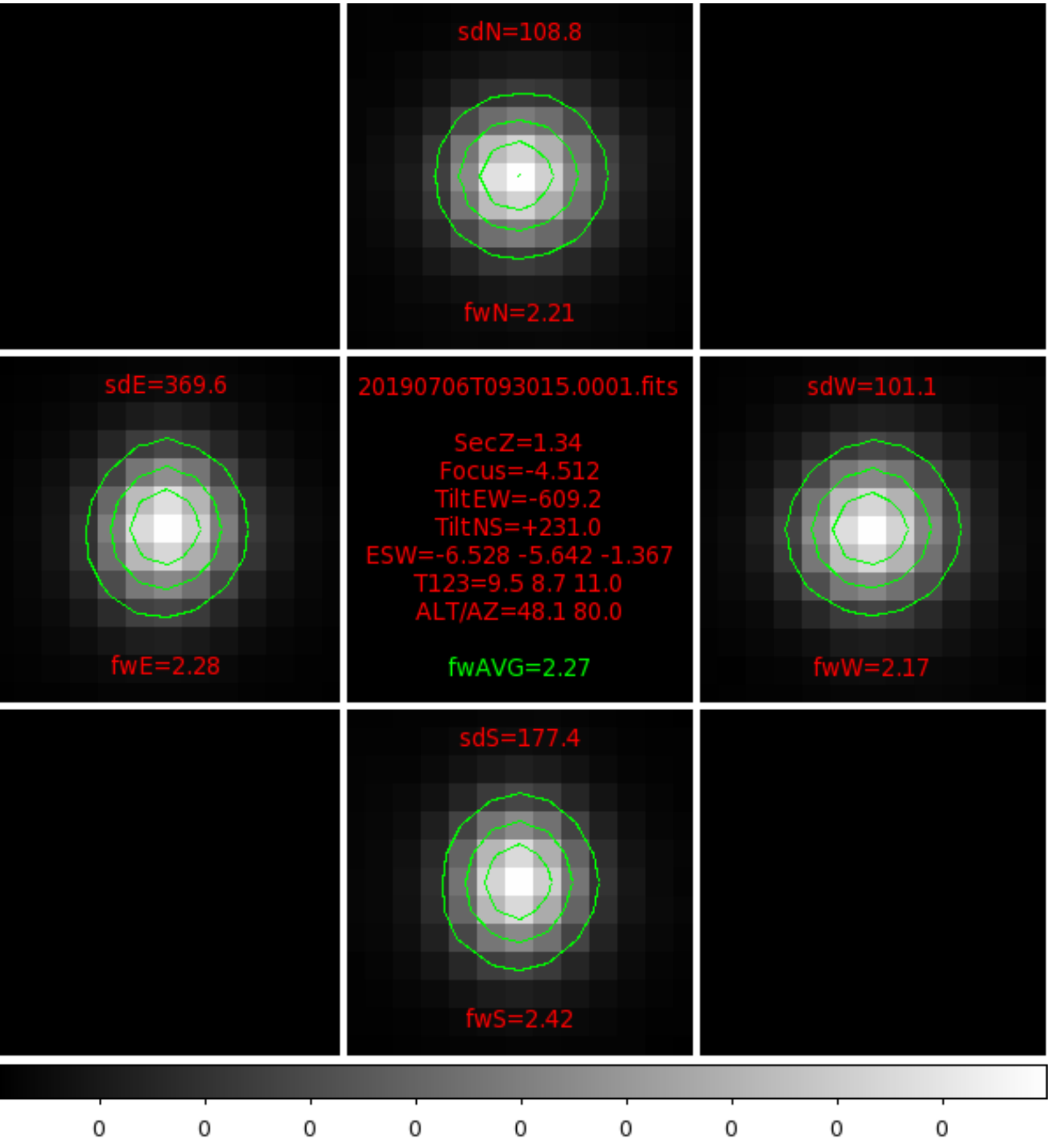
sdN=108.8
fwN=2.21
sdE=369.6
fwE=2.28
20190706T093015.0001.fits
SecZ=1.34
Focus=-4.512
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.528 -5.642 -1.367
T123=9.5 8.7 11.0
ALT/AZ=48.1 80.0
fwAVG=2.27
sdW=101.1
fwW=2.17
sdS=177.4
fwS=2.42
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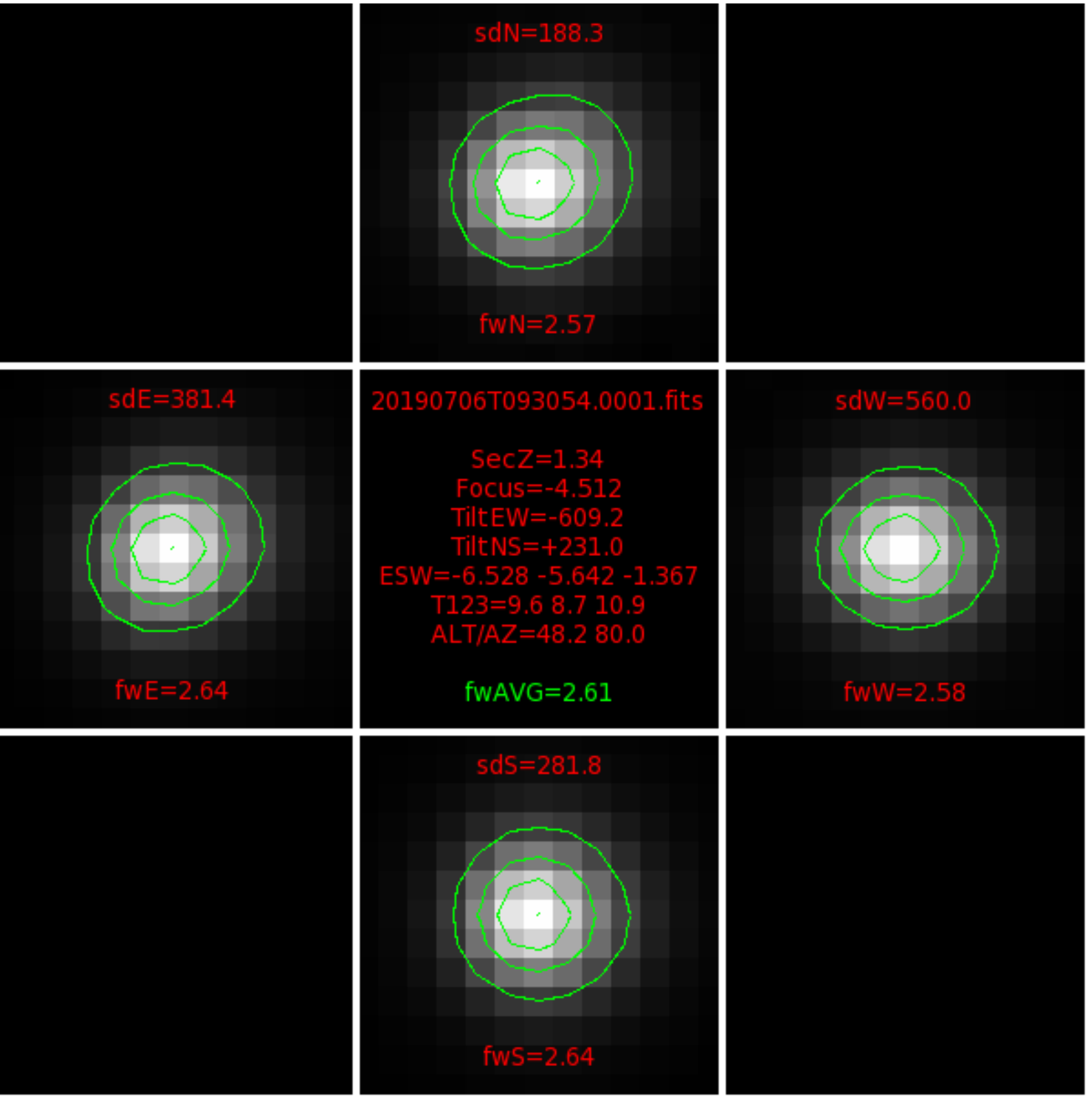
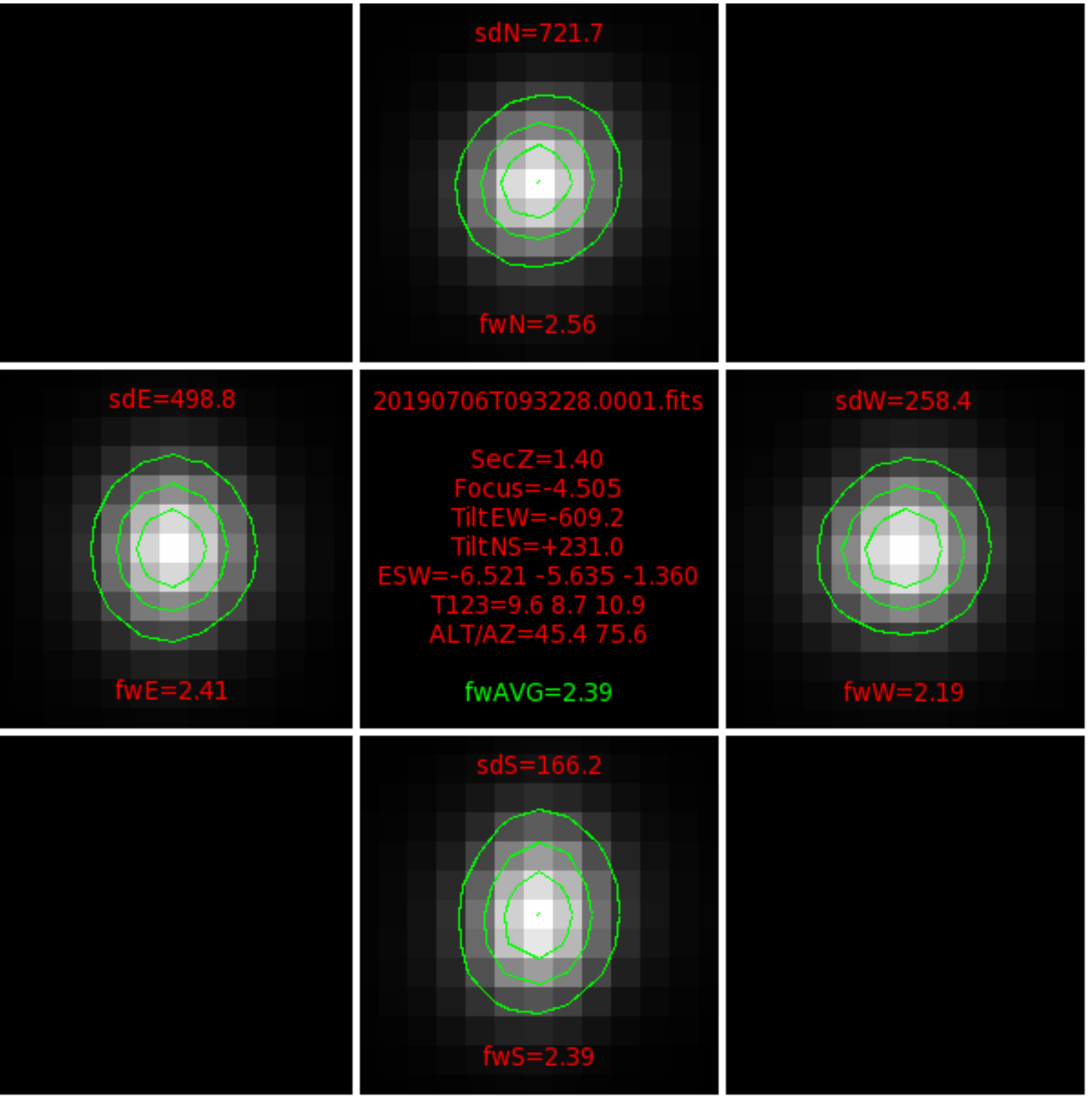

sdN=188.3
fwN=2.57
sdE=381.4
fwE=2.64
20190706T093054.0001.fits
SecZ=1.34
Focus=-4.512
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.528 -5.642 -1.367
T123=9.6 8.7 10.9
ALT/AZ=48.2 80.0
fwAVG=2.61
sdW=560.0
fwW=2.58
sdS=281.8
fwS=2.64
0 0 0 0 0 0 0 0 0


sdN=721.7
fwN=2.56
sdE=498.8
fwE=2.41
20190706T093228.0001.fits
SecZ=1.40
Focus=-4.505
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.521 -5.635 -1.360
T123=9.6 8.7 10.9
ALT/AZ=45.4 75.6
fwAVG=2.39
sdW=258.4
fwW=2.19
sdS=166.2
fwS=2.39
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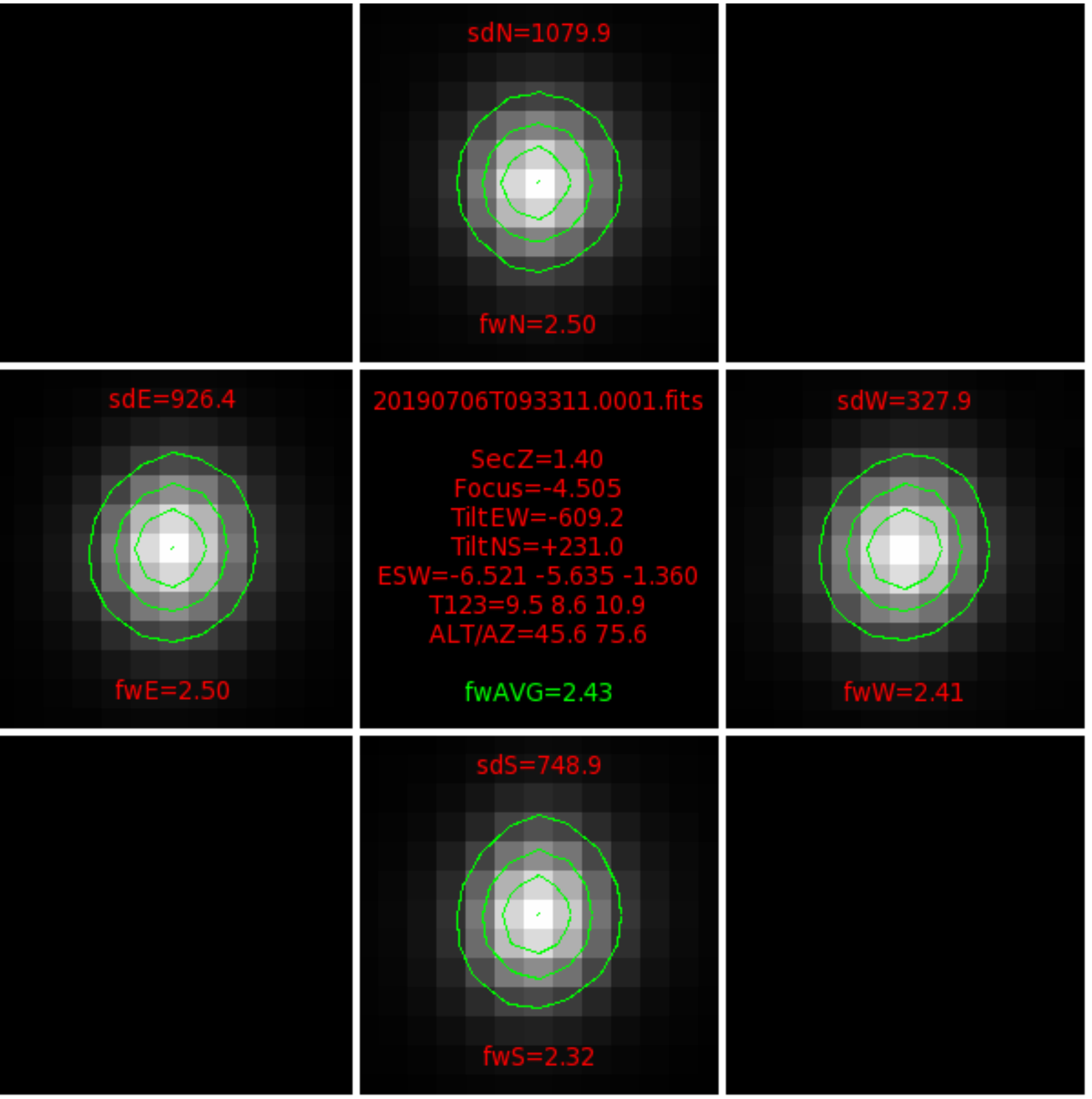
sdN=1079.9
fwN=2.50
sdE=926.4
fwE=2.50
20190706T093311.0001.fits
SecZ=1.40
Focus=-4.505
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.521 -5.635 -1.360
T123=9.5 8.6 10.9
ALT/AZ=45.6 75.6
fwAVG=2.43
sdW=327.9
fwW=2.41
sdS=748.9
fwS=2.32
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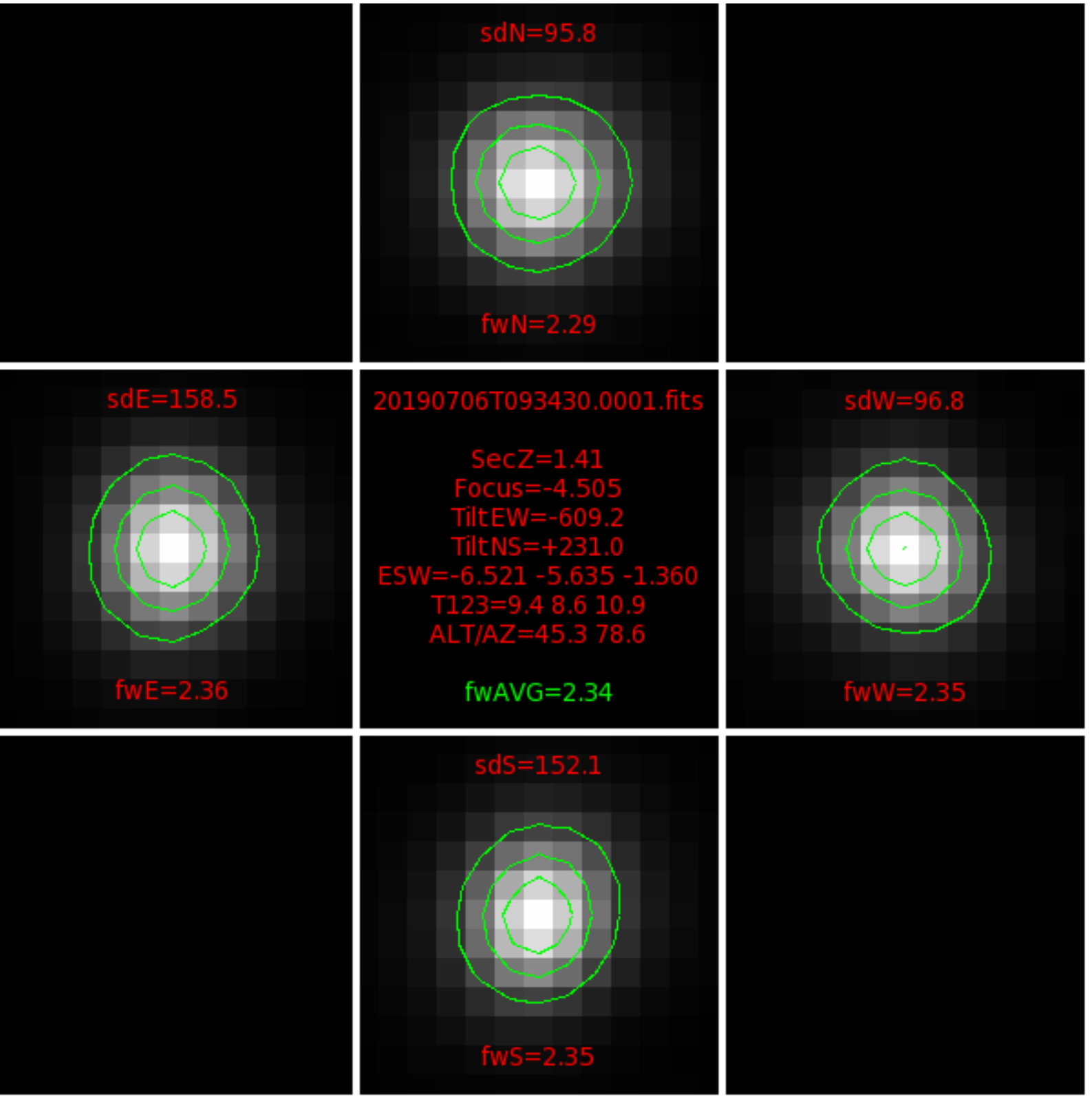
sdN=95.8
fwN=2.29
sdE=158.5
fwE=2.36
20190706T093430.0001.fits
SecZ=1.41
Focus=-4.505
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.521 -5.635 -1.360
T123=9.4 8.6 10.9
ALT/AZ=45.3 78.6
fwAVG=2.34
sdW=96.8
fwW=2.35
sdS=152.1
fwS=2.35
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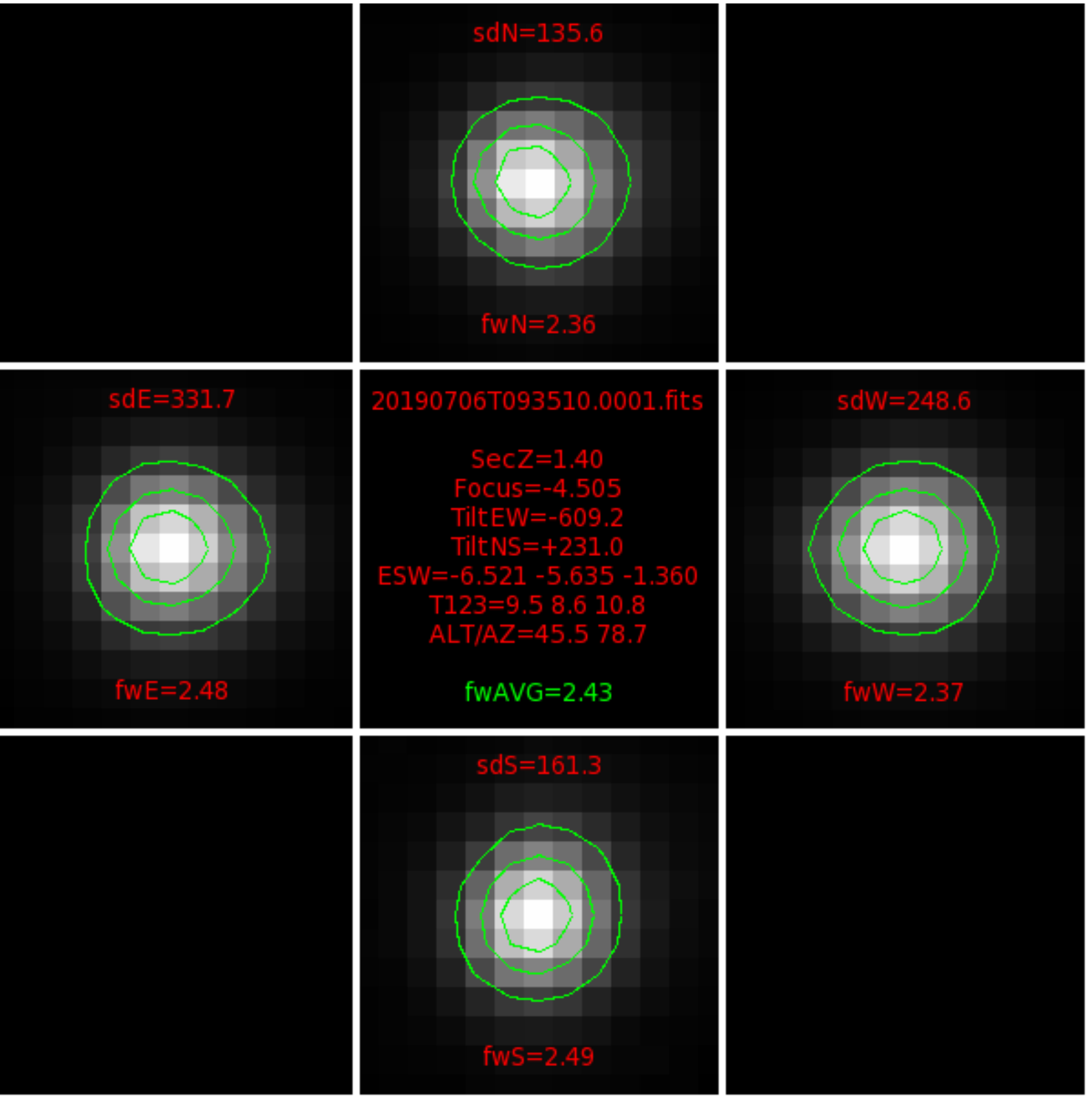
sdN=135.6
fwN=2.36
sdE=331.7
fwE=2.48
20190706T093510.0001.fits
SecZ=1.40
Focus=-4.505
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.521 -5.635 -1.360
T123=9.5 8.6 10.8
ALT/AZ=45.5 78.7
fwAVG=2.43
sdW=248.6
fwW=2.37
sdS=161.3
fwS=2.49
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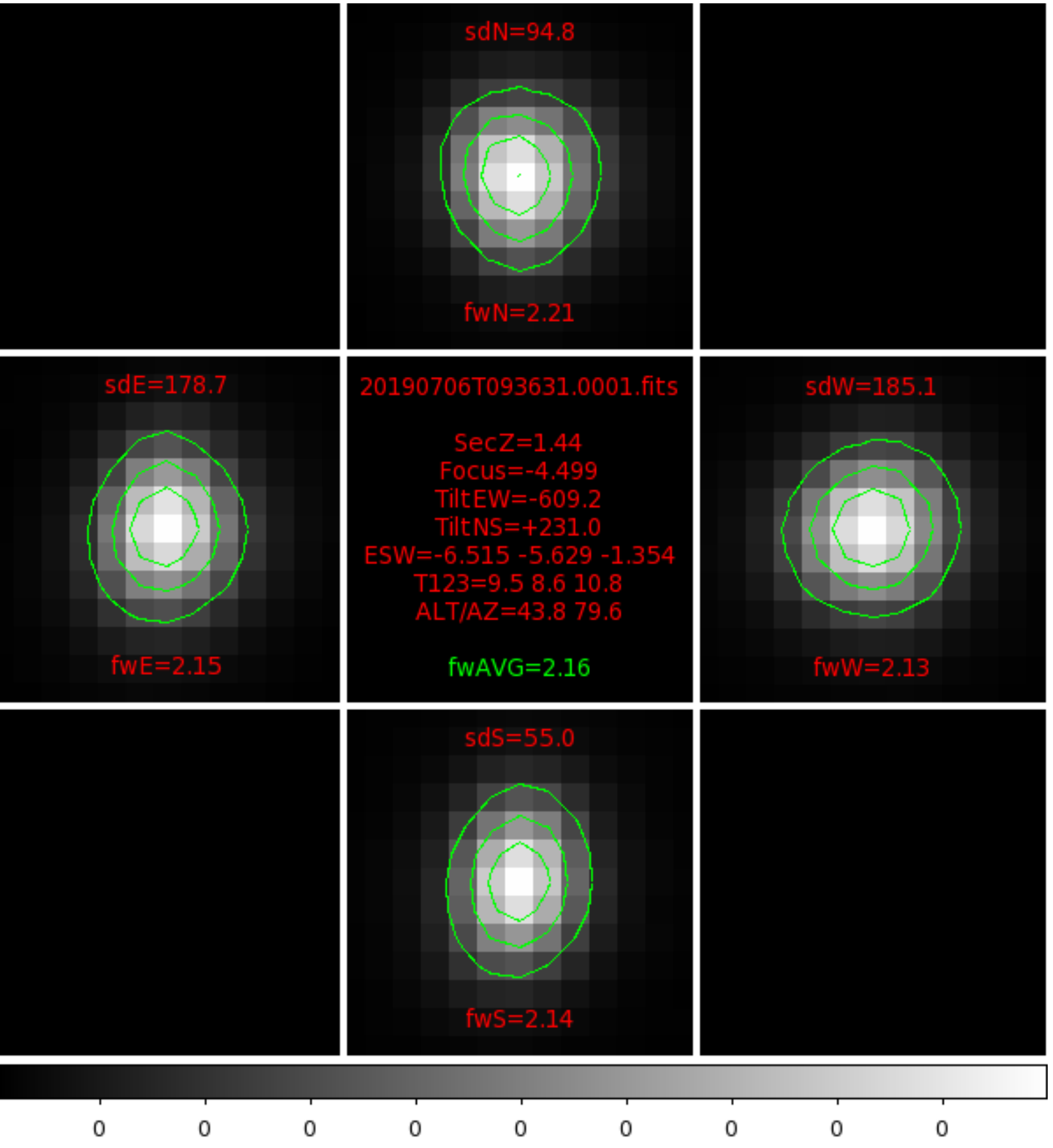
sdN=94.8
fwN=2.21
sdE=178.7
fwE=2.15
20190706T093631.0001.fits
SecZ=1.44
Focus=-4.499
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.515 -5.629 -1.354
T123=9.5 8.6 10.8
ALT/AZ=43.8 79.6
fwAVG=2.16
sdW=185.1
fwW=2.13
sdS=55.0
fwS=2.14
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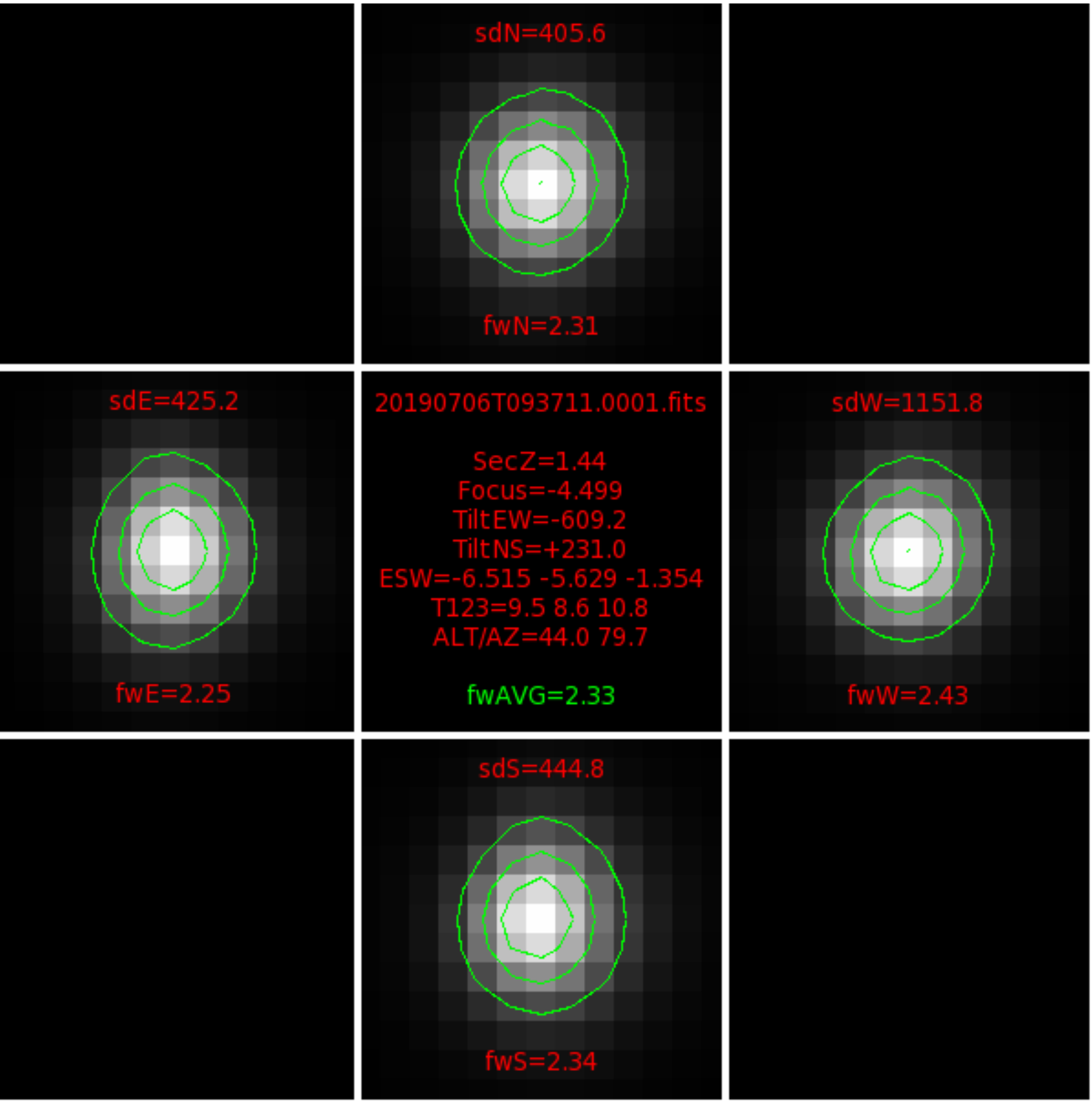
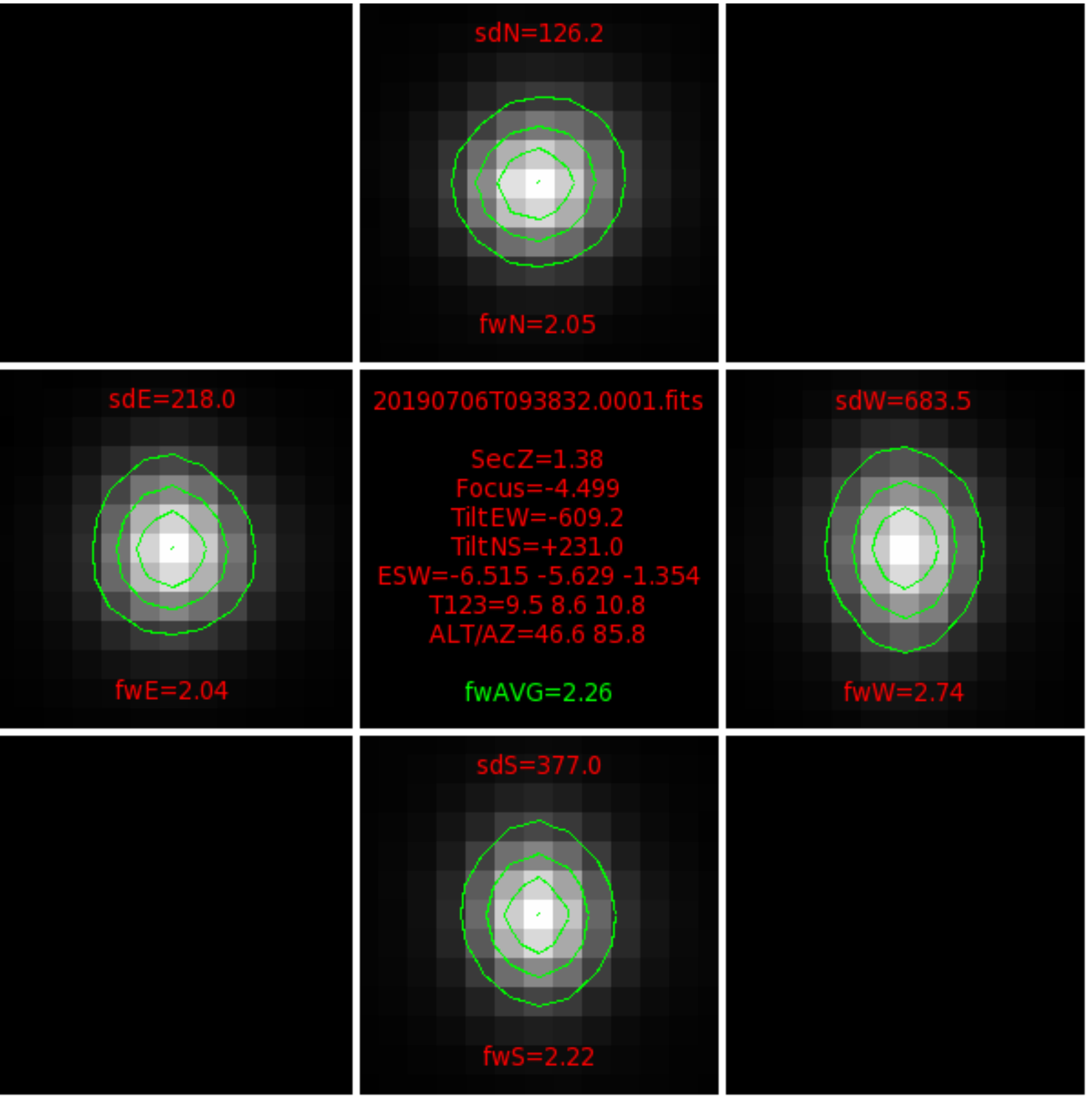

sdN=405.6
fwN=2.31
sdE=425.2
fwE=2.25
20190706T093711.0001.fits
SecZ=1.44
Focus=-4.499
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.515 -5.629 -1.354
T123=9.5 8.6 10.8
ALT/AZ=44.0 79.7
fwAVG=2.33
sdW=1151.8
fwW=2.43
sdS=444.8
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=126.2
fwN=2.05
sdE=218.0
fwE=2.04
20190706T093832.0001.fits
SecZ=1.38
Focus=-4.499
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.515 -5.629 -1.354
T123=9.5 8.6 10.8
ALT/AZ=46.6 85.8
fwAVG=2.26
sdW=683.5
fwW=2.74
sdS=377.0
fwS=2.22
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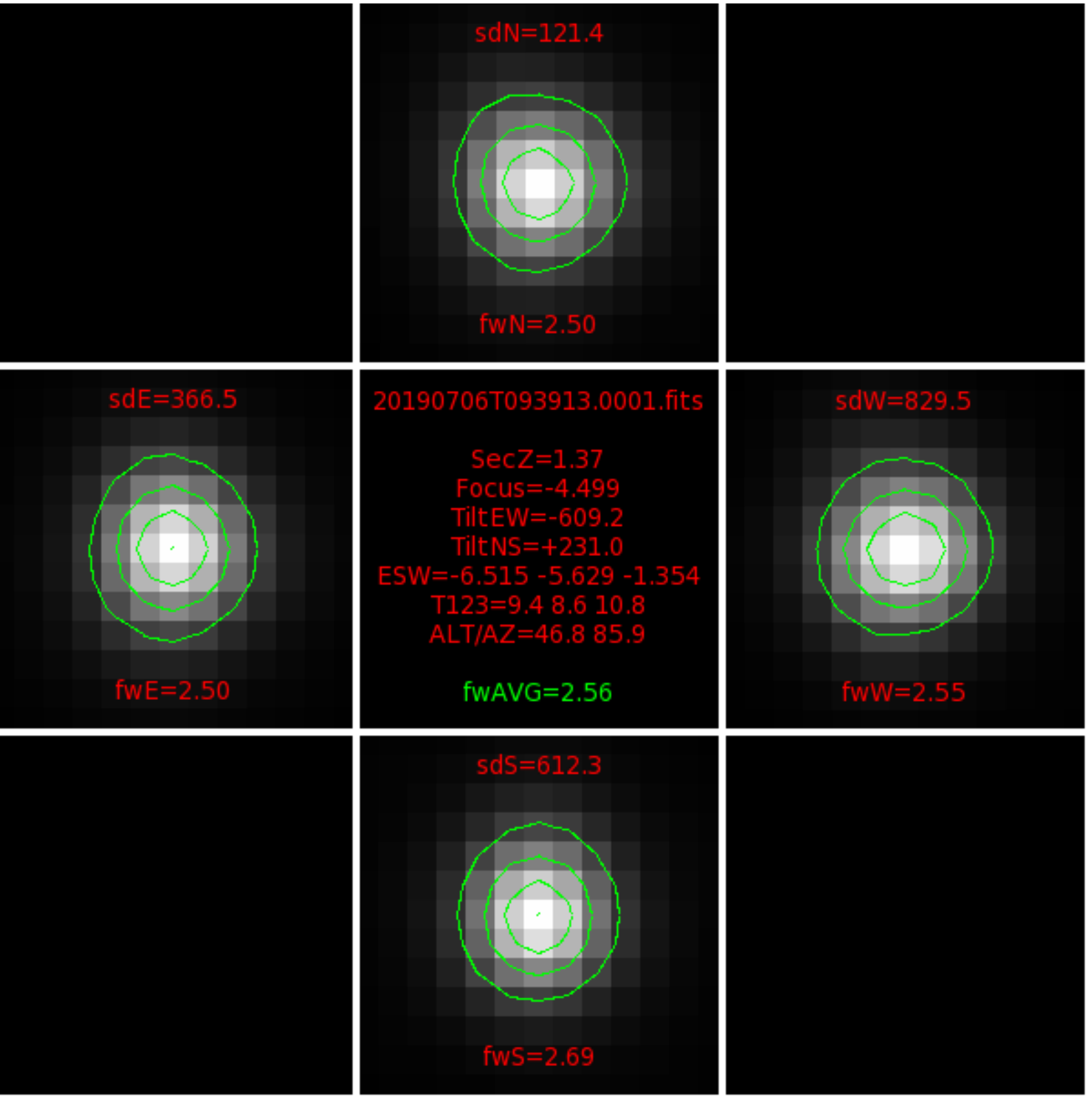
sdN=121.4
fwN=2.50
sdE=366.5
fwE=2.50
20190706T093913.0001.fits
SecZ=1.37
Focus=-4.499
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.515 -5.629 -1.354
T123=9.4 8.6 10.8
ALT/AZ=46.8 85.9
fwAVG=2.56
sdW=829.5
fwW=2.55
sdS=612.3
fwS=2.69
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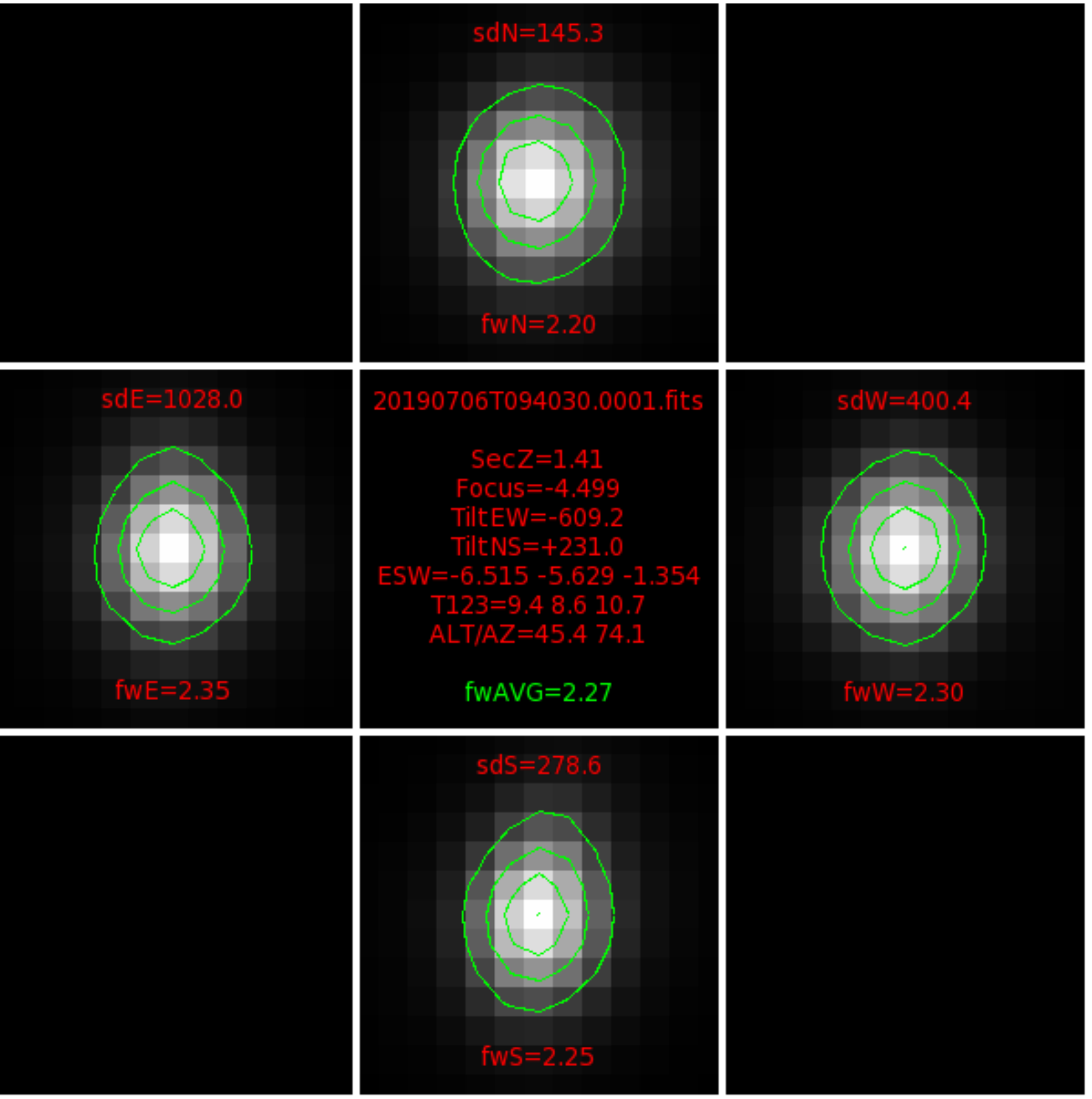
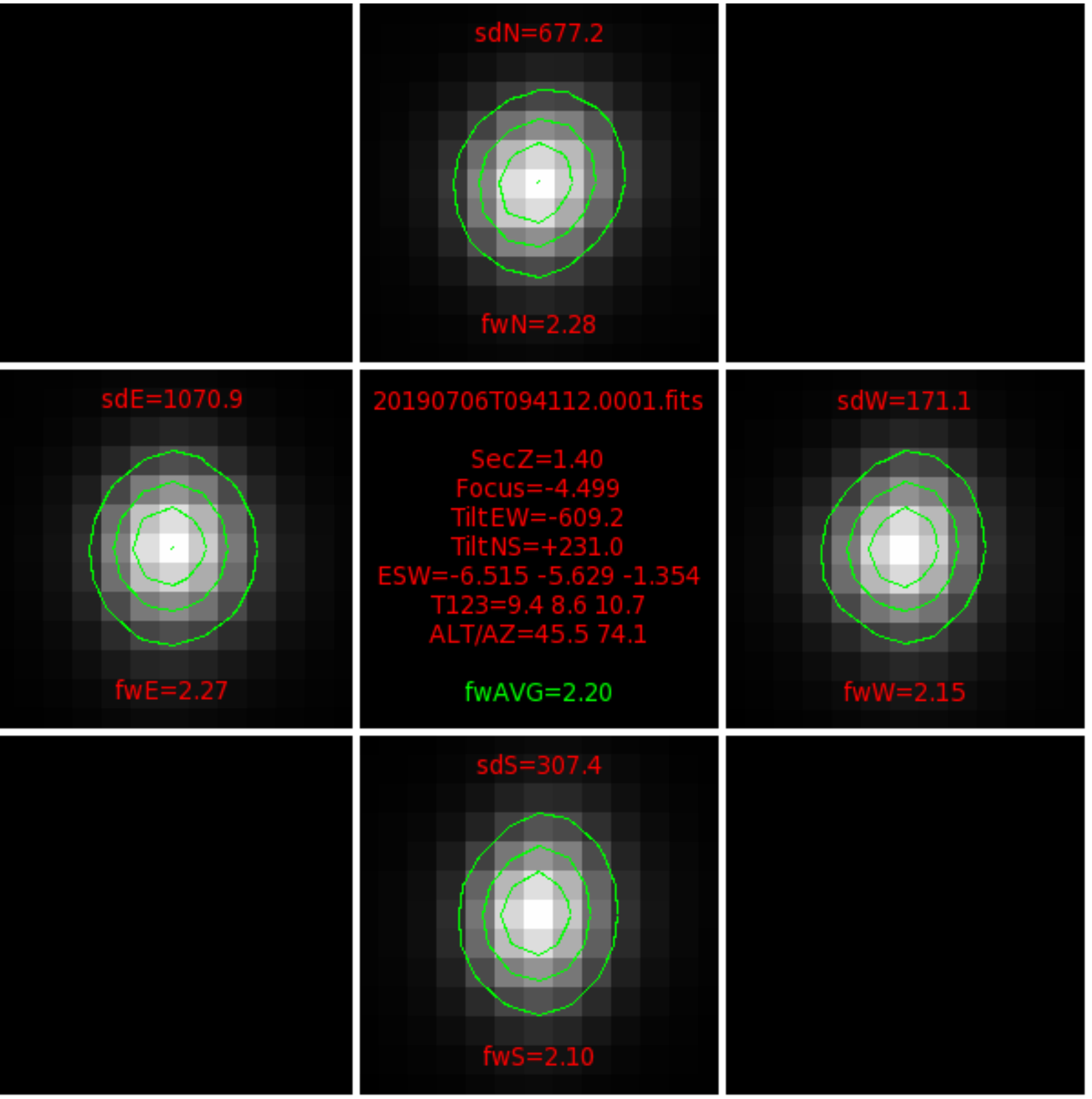

sdN=145.3
fwN=2.20
sdE=1028.0
fwE=2.35
20190706T094030.0001.fits
SecZ=1.41
Focus=-4.499
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.515 -5.629 -1.354
T123=9.4 8.6 10.7
ALT/AZ=45.4 74.1
fwAVG=2.27
sdW=400.4
fwW=2.30
sdS=278.6
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=677.2
fwN=2.28
sdE=1070.9
fwE=2.27
20190706T094112.0001.fits
SecZ=1.40
Focus=-4.499
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.515 -5.629 -1.354
T123=9.4 8.6 10.7
ALT/AZ=45.5 74.1
fwAVG=2.20
sdW=171.1
fwW=2.15
sdS=307.4
fwS=2.10
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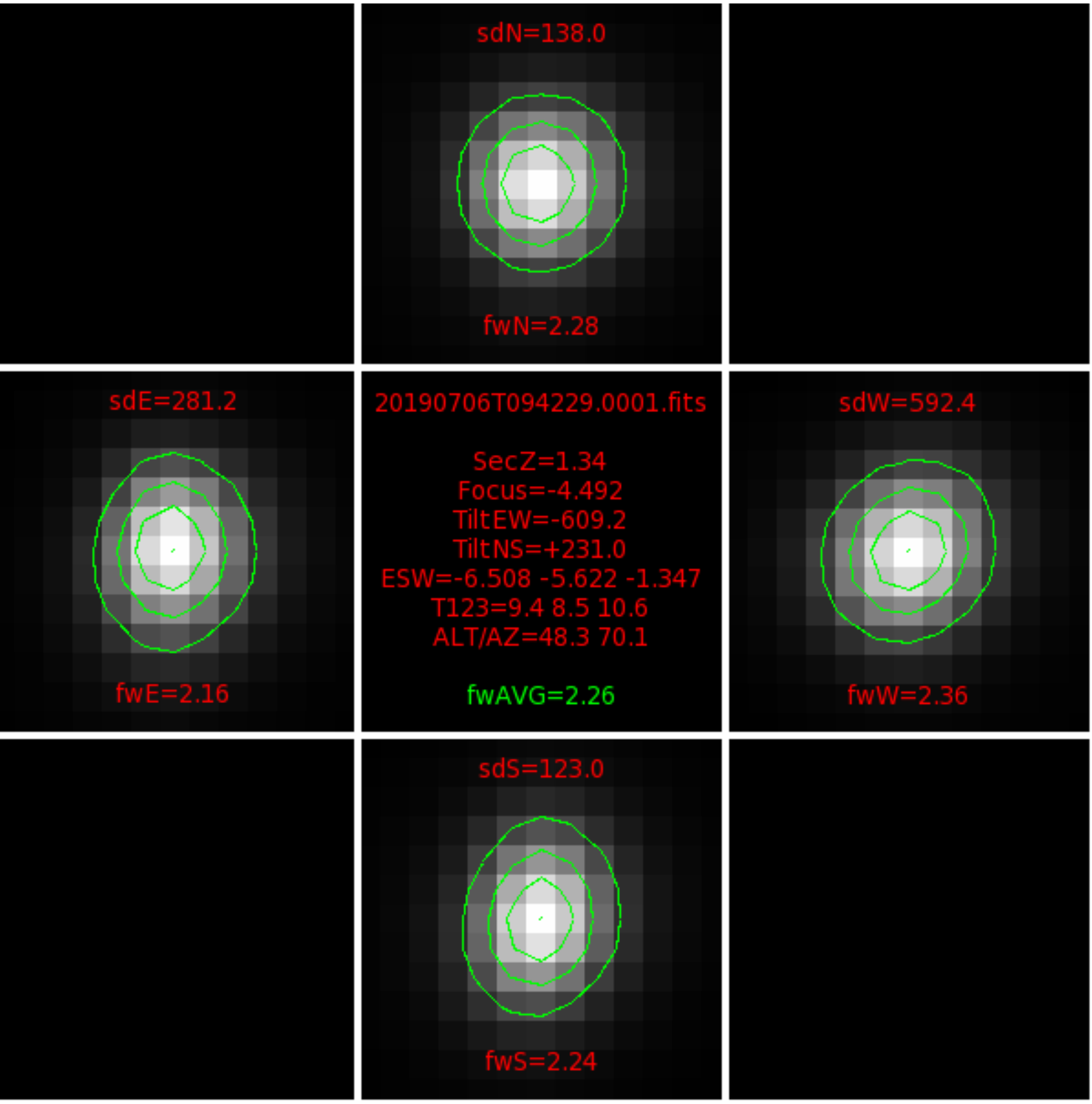
sdN=138.0
fwN=2.28
sdE=281.2
fwE=2.16
20190706T094229.0001.fits
SecZ=1.34
Focus=-4.492
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.508 -5.622 -1.347
T123=9.4 8.5 10.6
ALT/AZ=48.3 70.1
fwAVG=2.26
sdW=592.4
fwW=2.36
sdS=123.0
fwS=2.24
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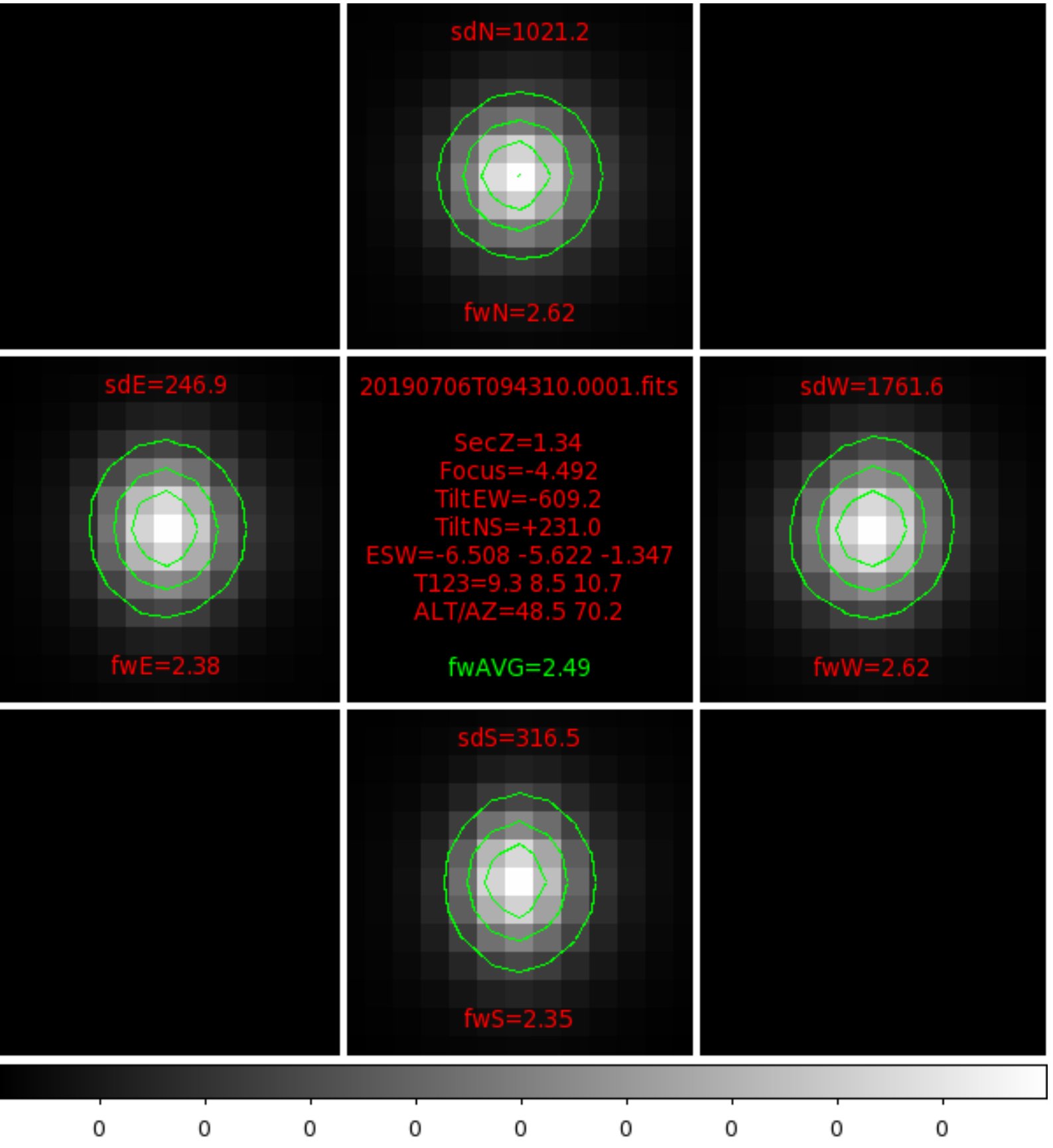
sdN=1021.2
fwN=2.62
sdE=246.9
fwE=2.38
20190706T094310.0001.fits
SecZ=1.34
Focus=-4.492
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.508 -5.622 -1.347
T123=9.3 8.5 10.7
ALT/AZ=48.5 70.2
fwAVG=2.49
sdW=1761.6
fwW=2.62
sdS=316.5
fwS=2.35
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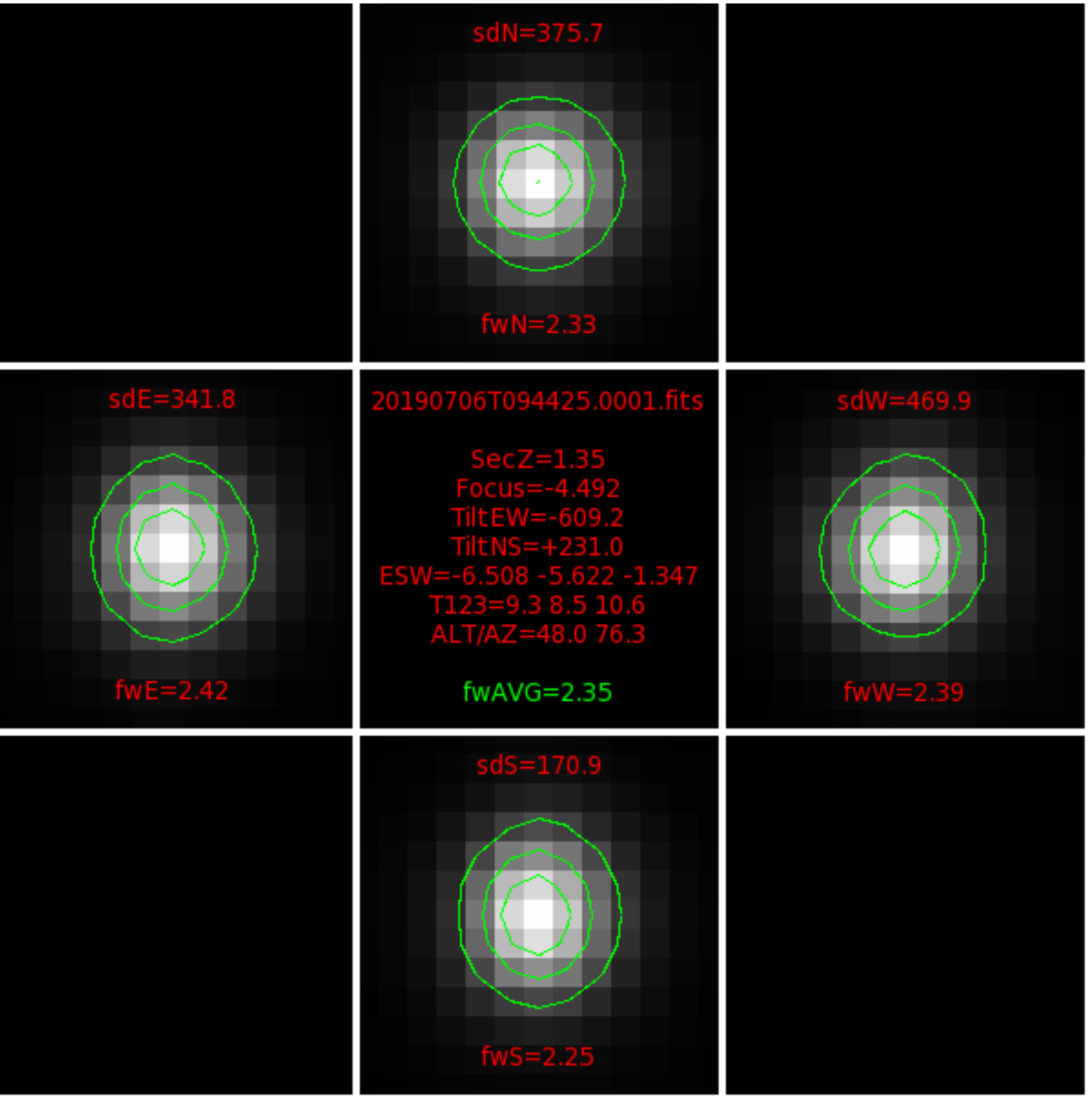
sdN=375.7
fwN=2.33
sdE=341.8
fwE=2.42
20190706T094425.0001.fits
SecZ=1.35
Focus=-4.492
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.508 -5.622 -1.347
T123=9.3 8.5 10.6
ALT/AZ=48.0 76.3
fwAVG=2.35
sdW=469.9
fwW=2.39
sdS=170.9
fwS=2.25
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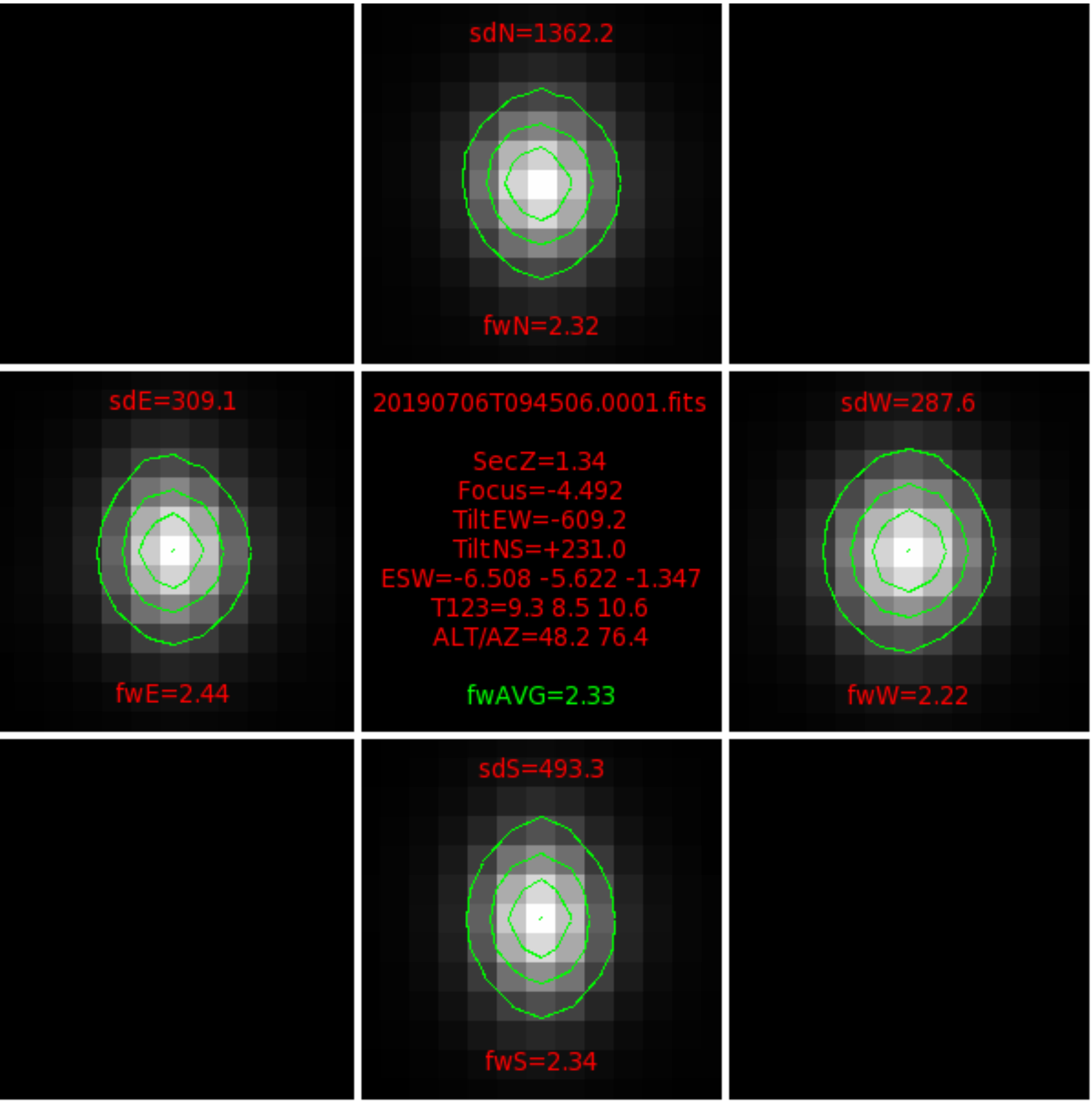
sdN=1362.2
fwN=2.32
sdE=309.1
fwE=2.44
20190706T094506.0001.fits
SecZ=1.34
Focus=-4.492
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.508 -5.622 -1.347
T123=9.3 8.5 10.6
ALT/AZ=48.2 76.4
fwAVG=2.33
sdW=287.6
fwW=2.22
sdS=493.3
fwS=2.34
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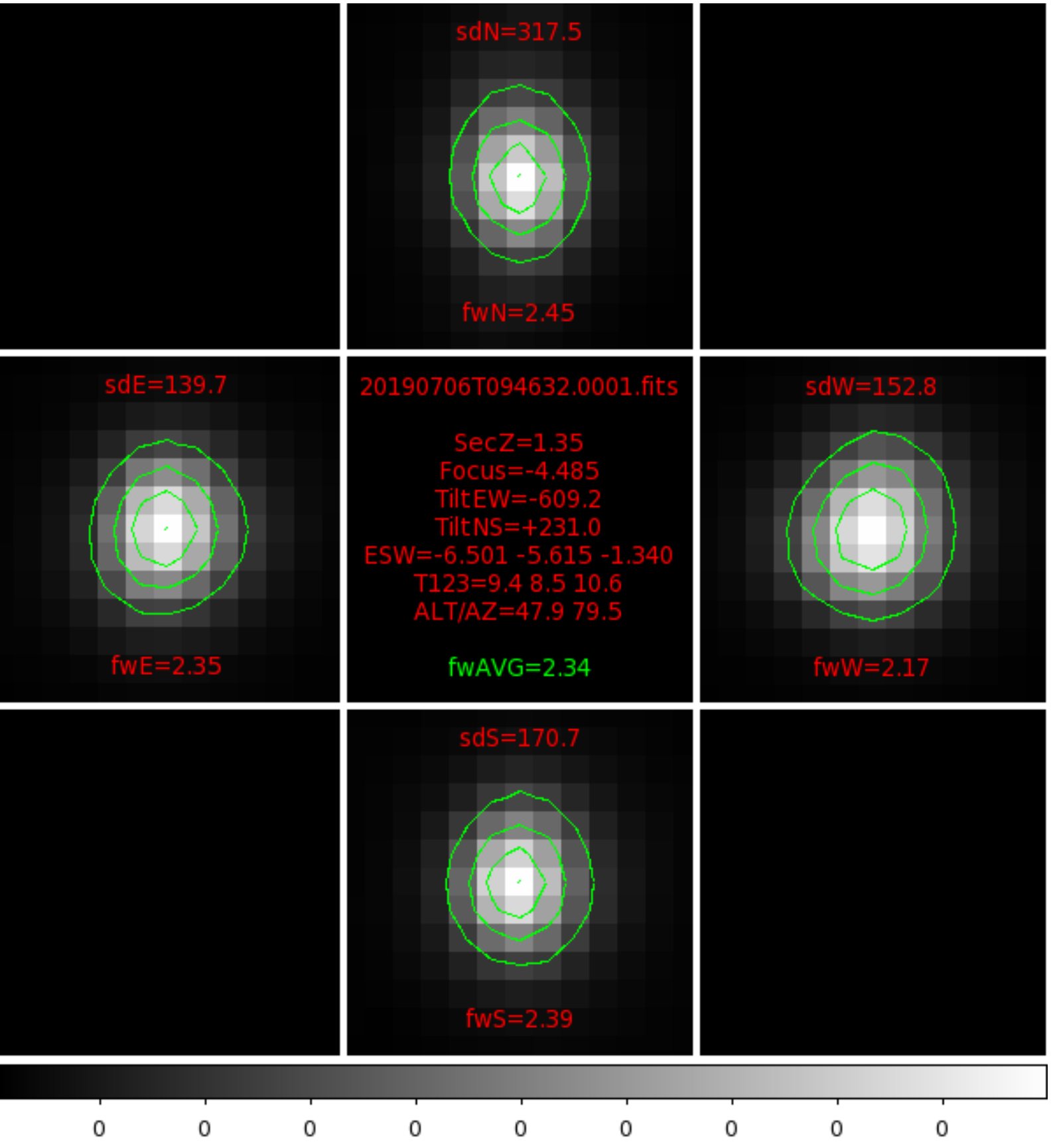
sdN=317.5
fwN=2.45
sdE=139.7
fwE=2.35
20190706T094632.0001.fits
SecZ=1.35
Focus=-4.485
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.501 -5.615 -1.340
T123=9.4 8.5 10.6
ALT/AZ=47.9 79.5
fwAVG=2.34
sdW=152.8
fwW=2.17
sdS=170.7
fwS=2.39
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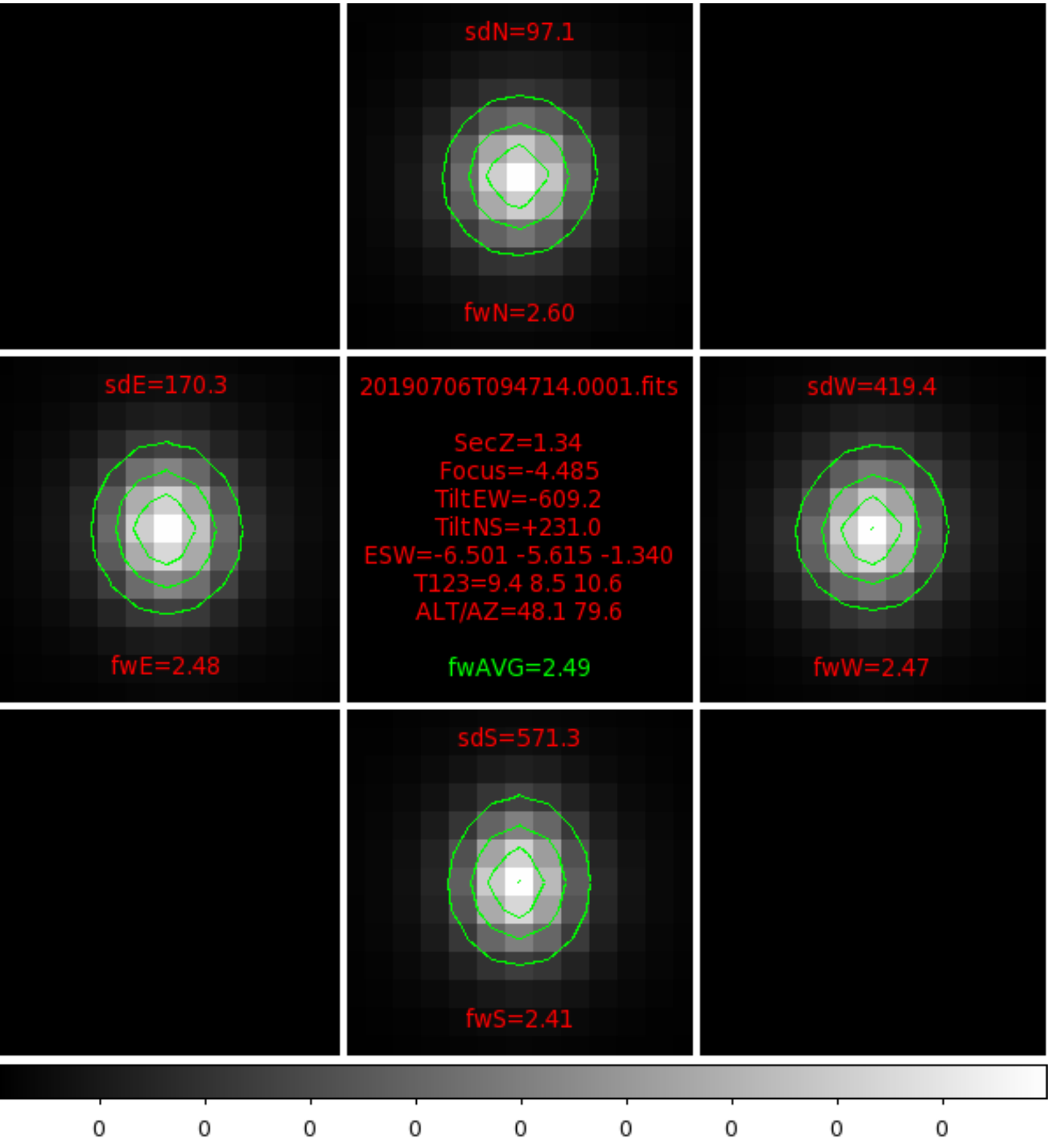
sdN=97.1
fwN=2.60
sdE=170.3
fwE=2.48
20190706T094714.0001.fits
SecZ=1.34
Focus=-4.485
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.501 -5.615 -1.340
T123=9.4 8.5 10.6
ALT/AZ=48.1 79.6
fwAVG=2.49
sdW=419.4
fwW=2.47
sdS=571.3
fwS=2.41
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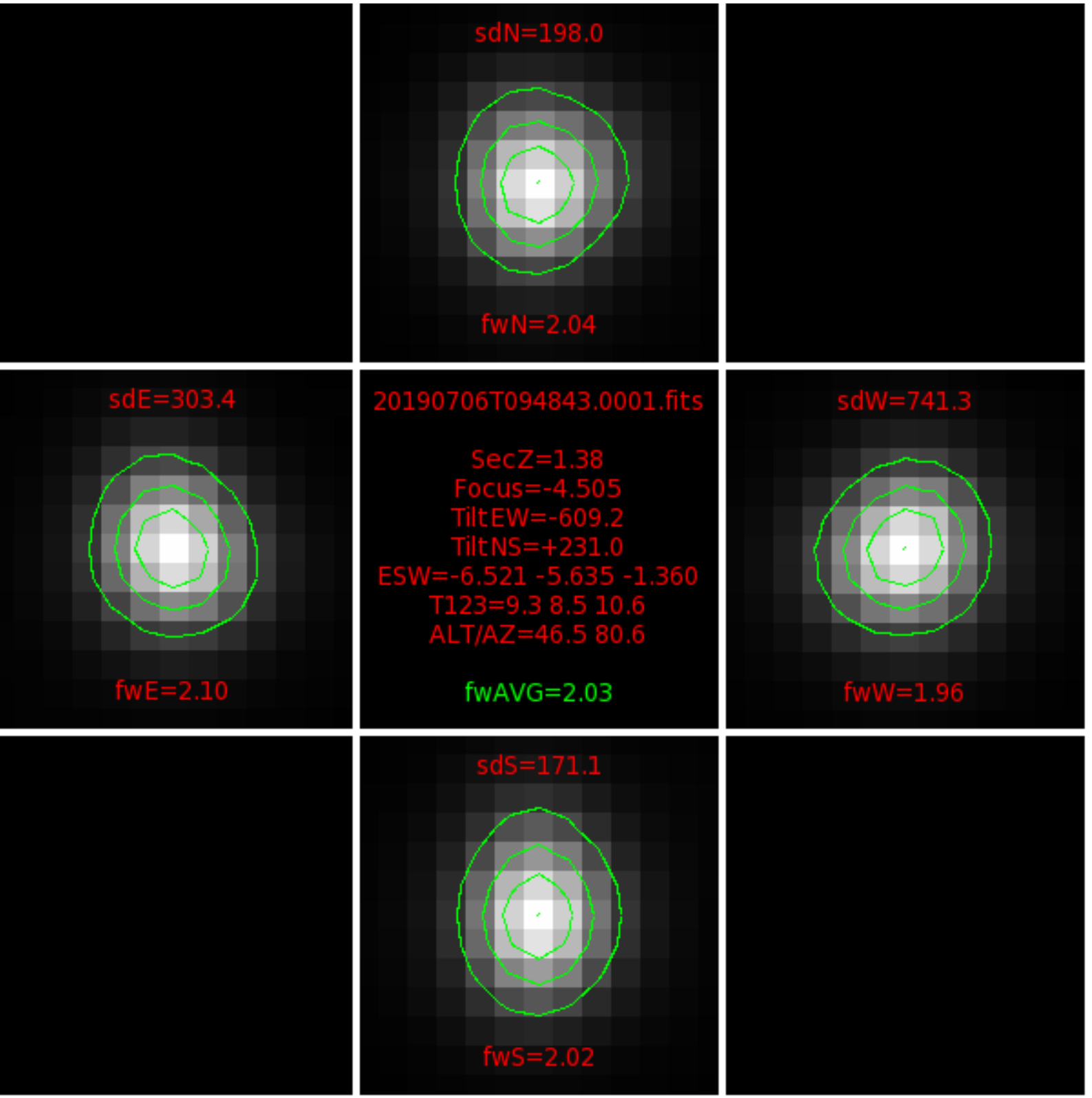
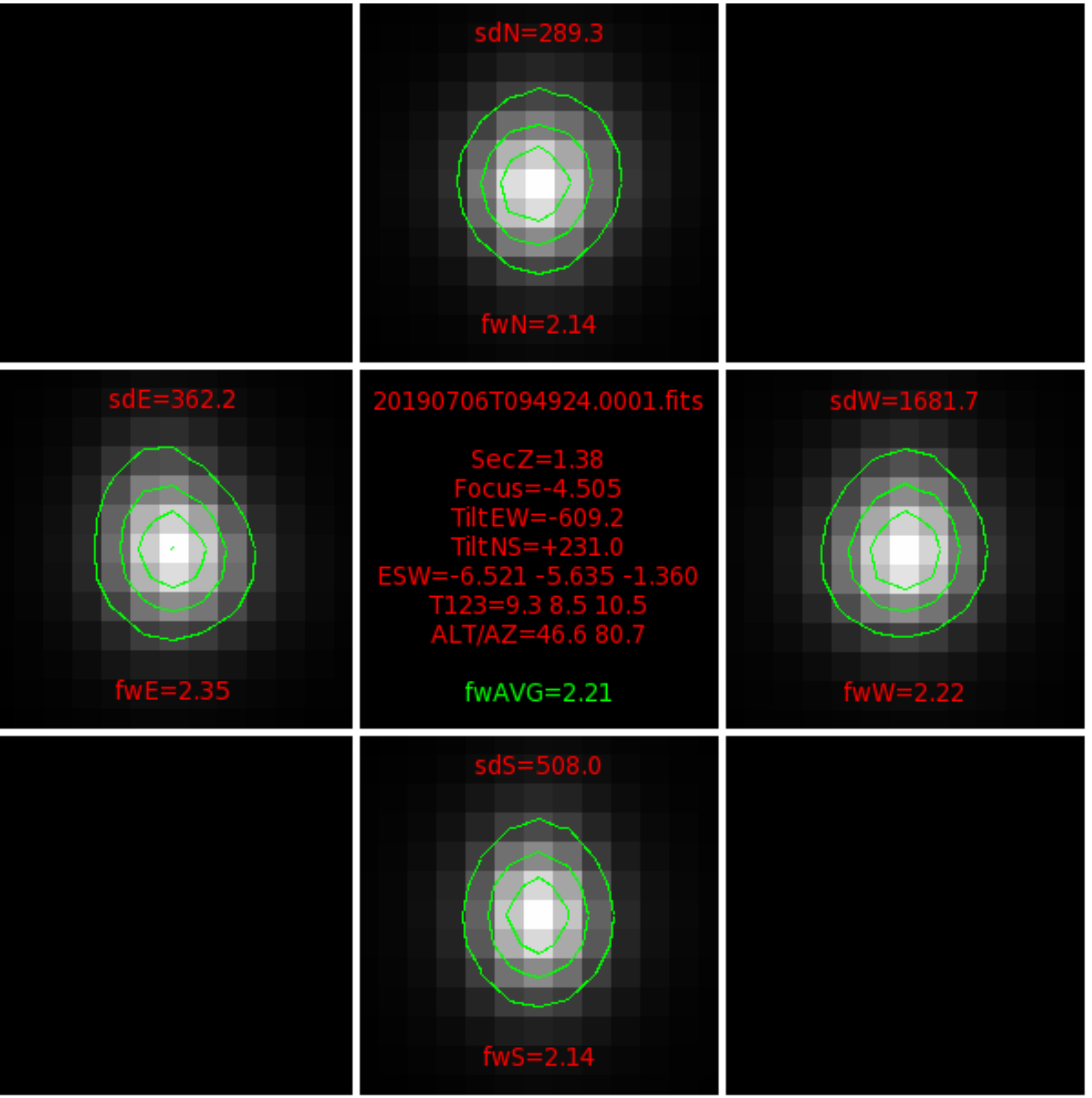

sdN=198.0
fwN=2.04
sdE=303.4
fwE=2.10
20190706T094843.0001.fits
SecZ=1.38
Focus=-4.505
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.521 -5.635 -1.360
T123=9.3 8.5 10.6
ALT/AZ=46.5 80.6
fwAVG=2.03
sdW=741.3
fwW=1.96
sdS=171.1
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=289.3
fwN=2.14
sdE=362.2
fwE=2.35
20190706T094924.0001.fits
SecZ=1.38
Focus=-4.505
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.521 -5.635 -1.360
T123=9.3 8.5 10.5
ALT/AZ=46.6 80.7
fwAVG=2.21
sdW=1681.7
fwW=2.22
sdS=508.0
fwS=2.14
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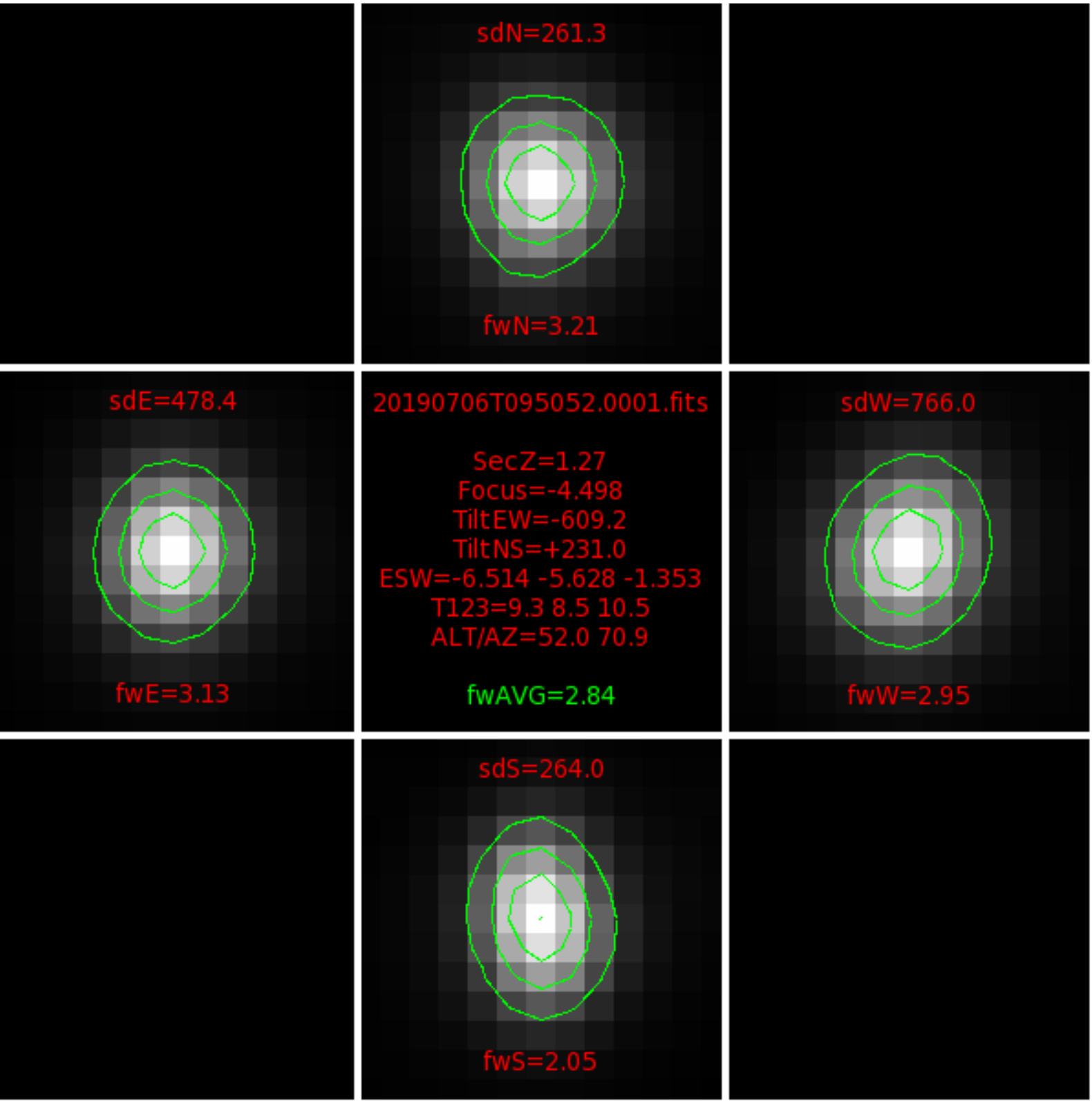
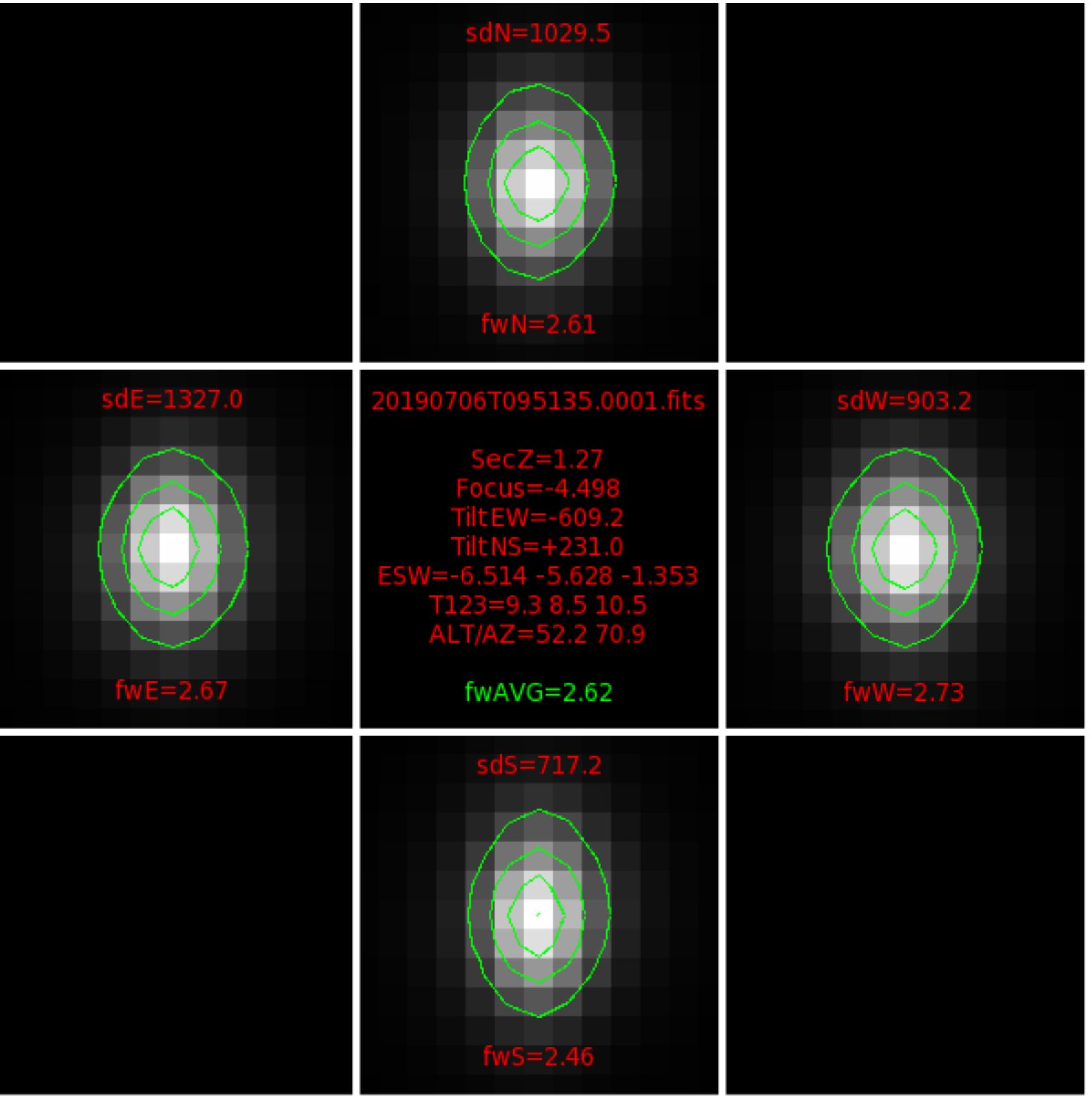

sdN=261.3
fwN=3.21
sdE=478.4
fwE=3.13
20190706T095052.0001.fits
SecZ=1.27
Focus=-4.498
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.514 -5.628 -1.353
T123=9.3 8.5 10.5
ALT/AZ=52.0 70.9
fwAVG=2.84
sdW=766.0
fwW=2.95
sdS=264.0
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=1029.5
fwN=2.61
sdE=1327.0
fwE=2.67
20190706T095135.0001.fits
SecZ=1.27
Focus=-4.498
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.514 -5.628 -1.353
T123=9.3 8.5 10.5
ALT/AZ=52.2 70.9
fwAVG=2.62
sdW=903.2
fwW=2.73
sdS=717.2
fwS=2.46
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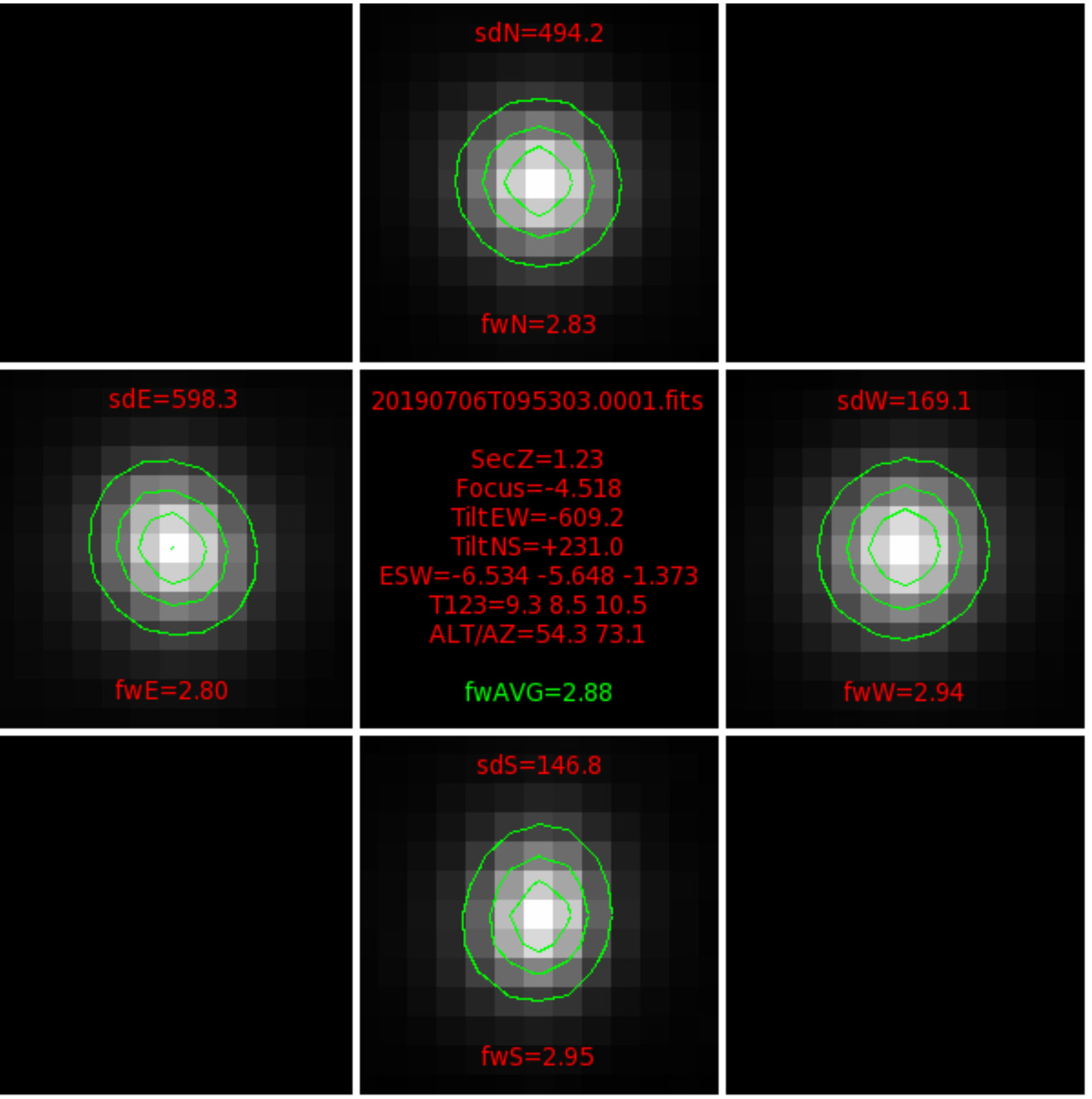
sdN=494.2
fwN=2.83
sdE=598.3
fwE=2.80
20190706T095303.0001.fits
SecZ=1.23
Focus=-4.518
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.534 -5.648 -1.373
T123=9.3 8.5 10.5
ALT/AZ=54.3 73.1
fwAVG=2.88
sdW=169.1
fwW=2.94
sdS=146.8
fwS=2.95
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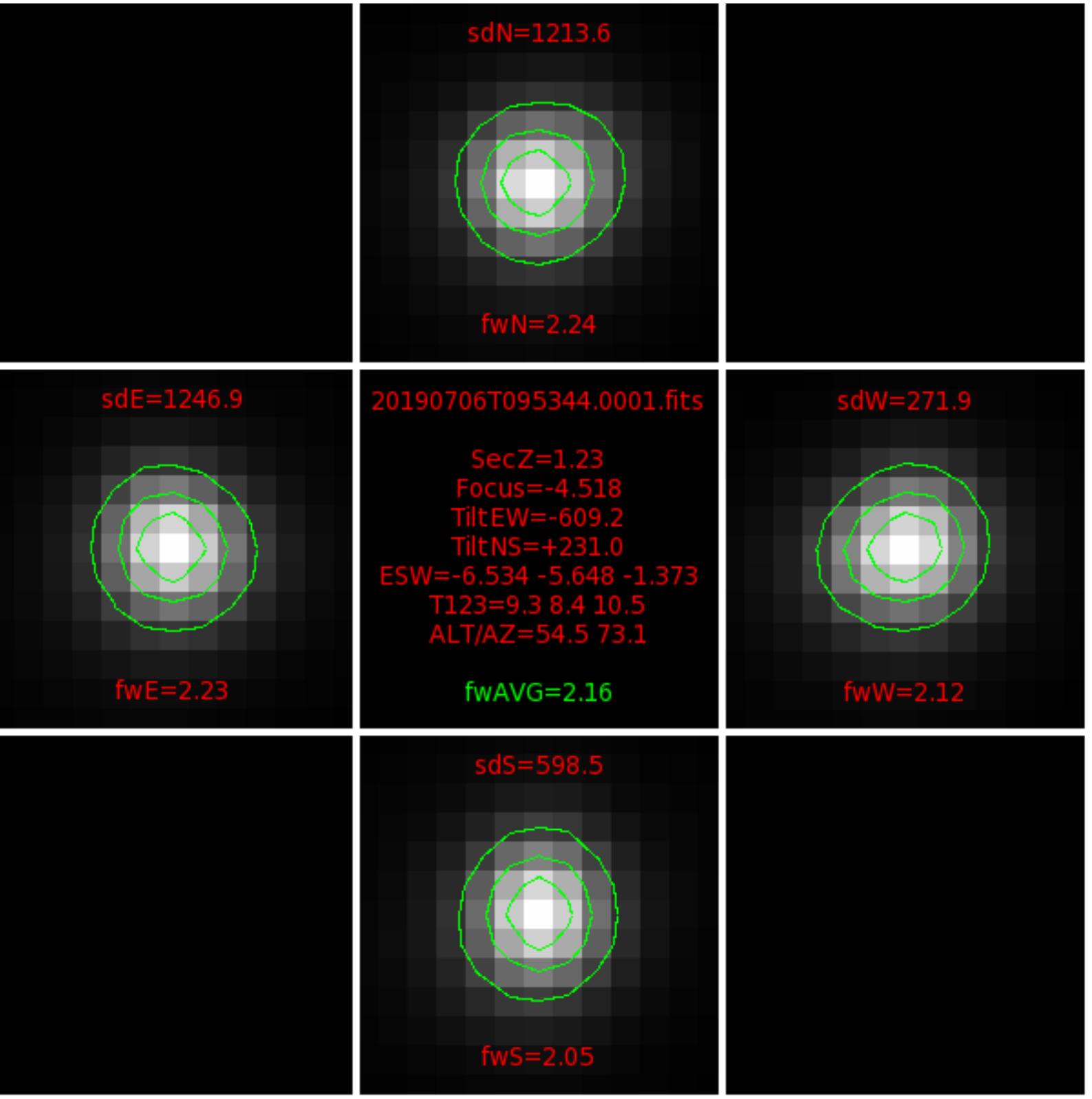
sdN=1213.6
fwN=2.24
sdE=1246.9
fwE=2.23
20190706T095344.0001.fits
SecZ=1.23
Focus=-4.518
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.534 -5.648 -1.373
T123=9.3 8.4 10.5
ALT/AZ=54.5 73.1
fwAVG=2.16
sdW=271.9
fwW=2.12
sdS=598.5
fwS=2.05
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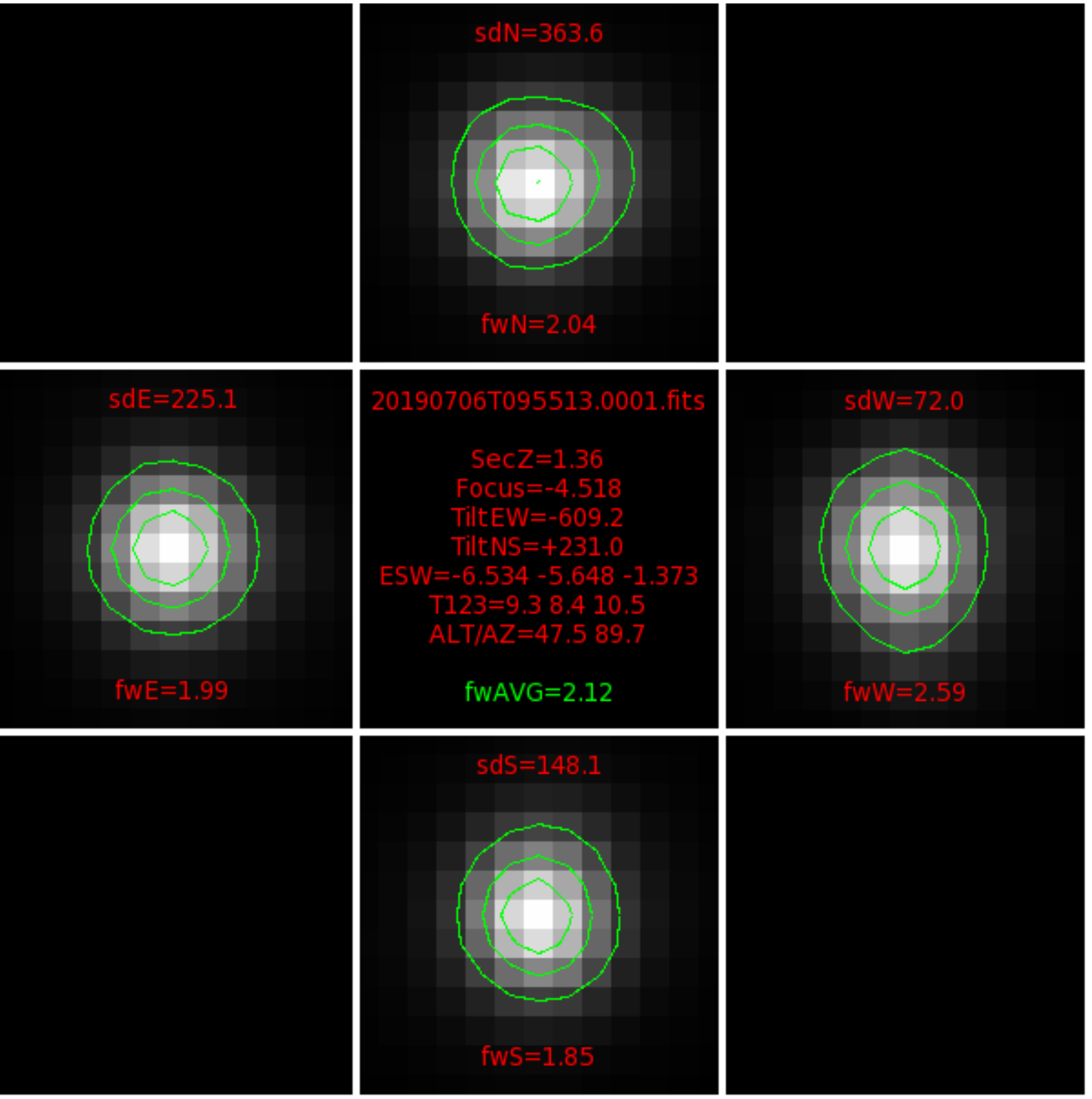
sdN=363.6
fwN=2.04
sdE=225.1
fwE=1.99
20190706T095513.0001.fits
SecZ=1.36
Focus=-4.518
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.534 -5.648 -1.373
T123=9.3 8.4 10.5
ALT/AZ=47.5 89.7
fwAVG=2.12
sdW=72.0
fwW=2.59
sdS=148.1
fwS=1.85
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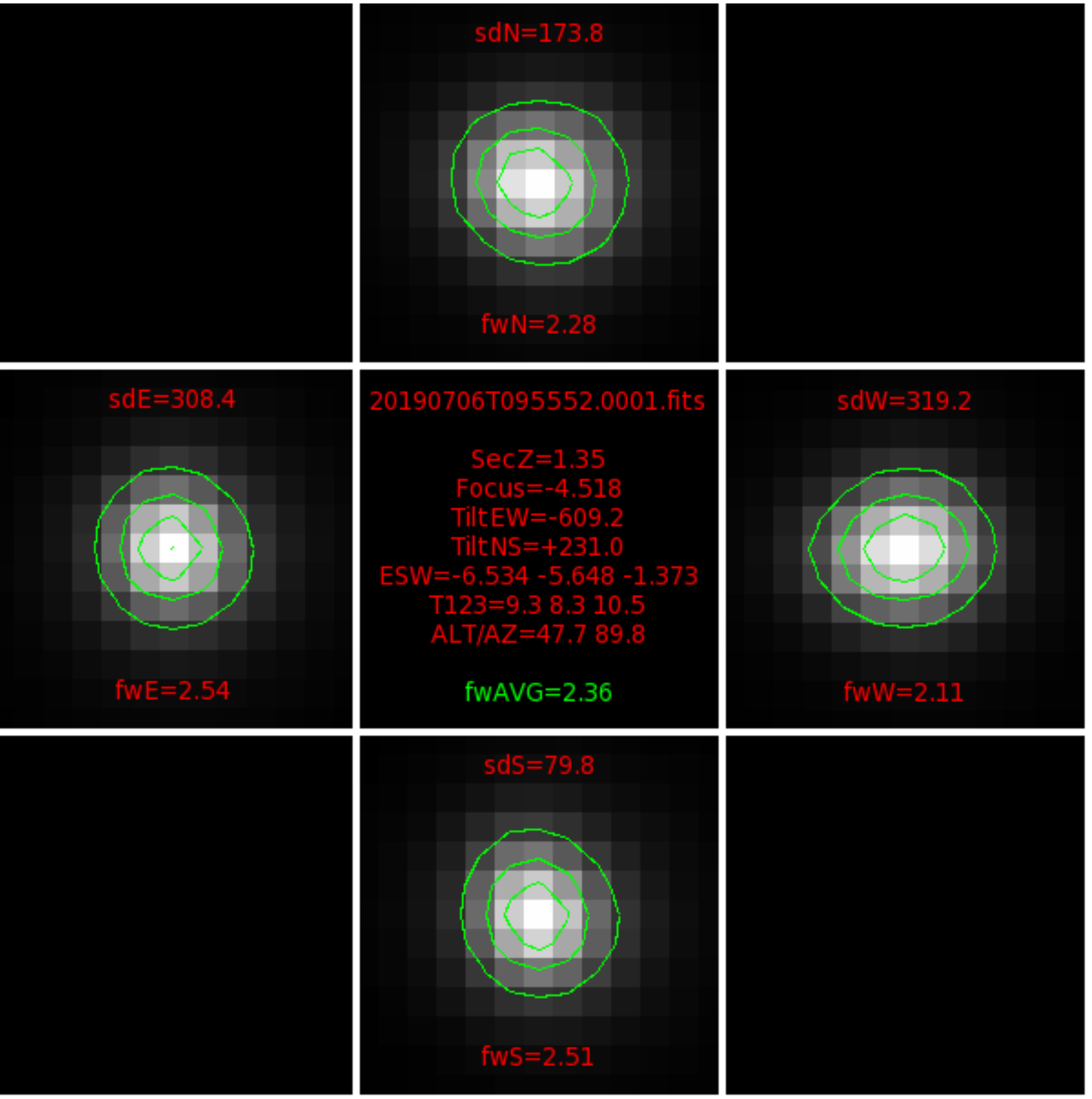
sdN=173.8
fwN=2.28
sdE=308.4
fwE=2.54
20190706T095552.0001.fits
SecZ=1.35
Focus=-4.518
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.534 -5.648 -1.373
T123=9.3 8.3 10.5
ALT/AZ=47.7 89.8
fwAVG=2.36
sdW=319.2
fwW=2.11
sdS=79.8
fwS=2.51
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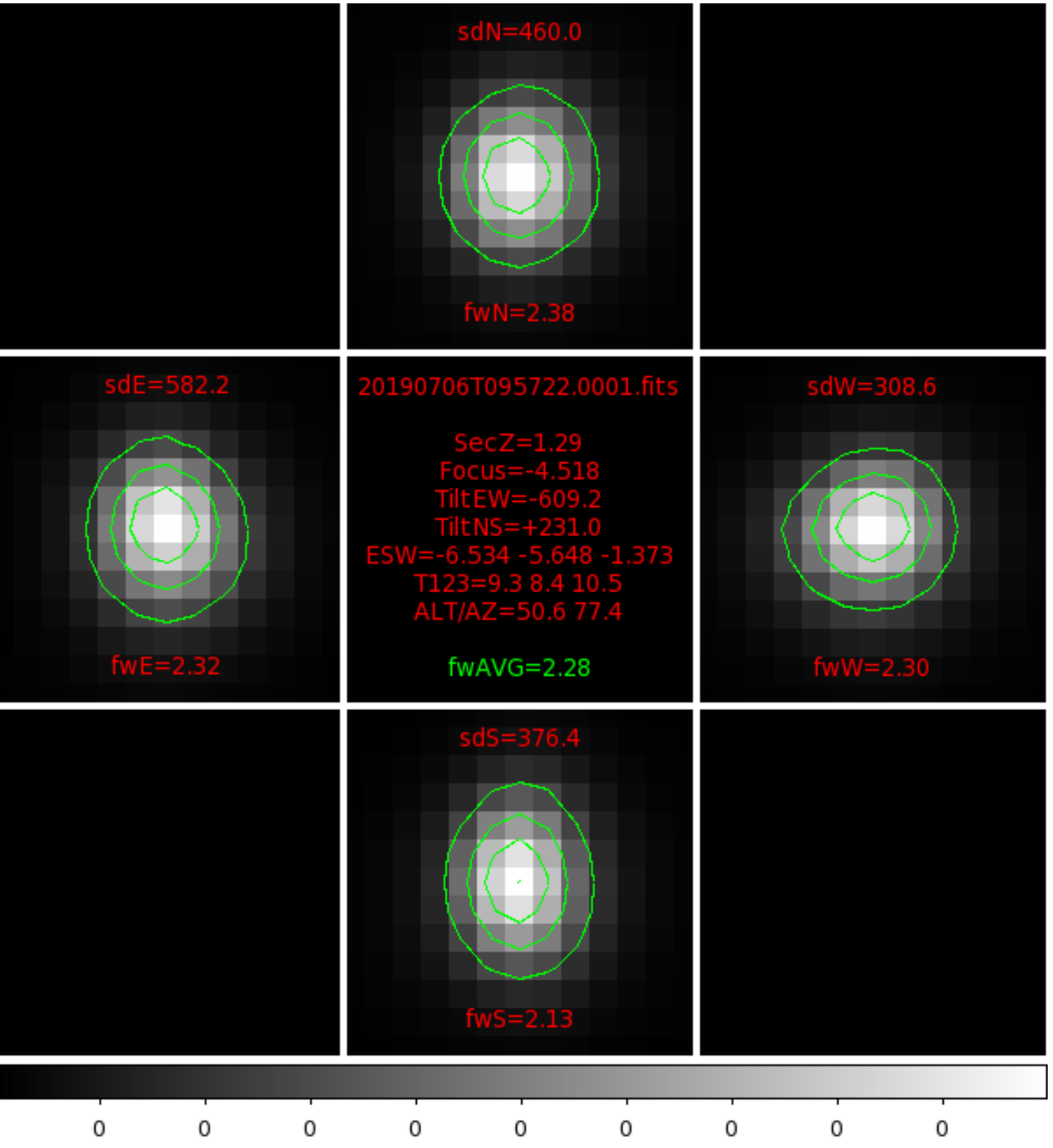
sdN=460.0
fwN=2.38
sdE=582.2
fwE=2.32
20190706T095722.0001.fits
SecZ=1.29
Focus=-4.518
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.534 -5.648 -1.373
T123=9.3 8.4 10.5
ALT/AZ=50.6 77.4
fwAVG=2.28
sdW=308.6
fwW=2.30
sdS=376.4
fwS=2.13
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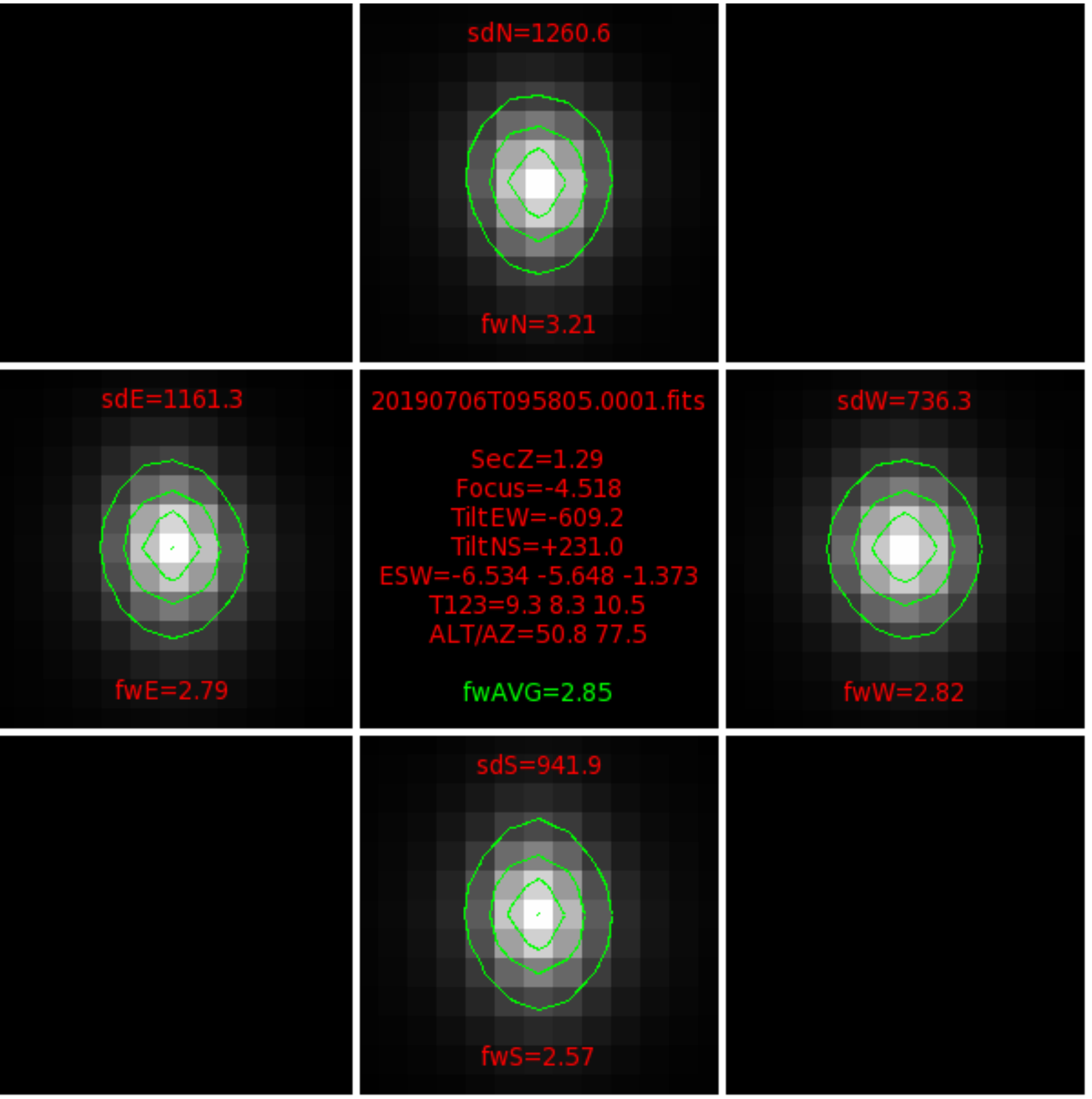
sdN=1260.6
fwN=3.21
sdE=1161.3
fwE=2.79
20190706T095805.0001.fits
SecZ=1.29
Focus=-4.518
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.534 -5.648 -1.373
T123=9.3 8.3 10.5
ALT/AZ=50.8 77.5
fwAVG=2.85
sdW=736.3
fwW=2.82
sdS=941.9
fwS=2.57
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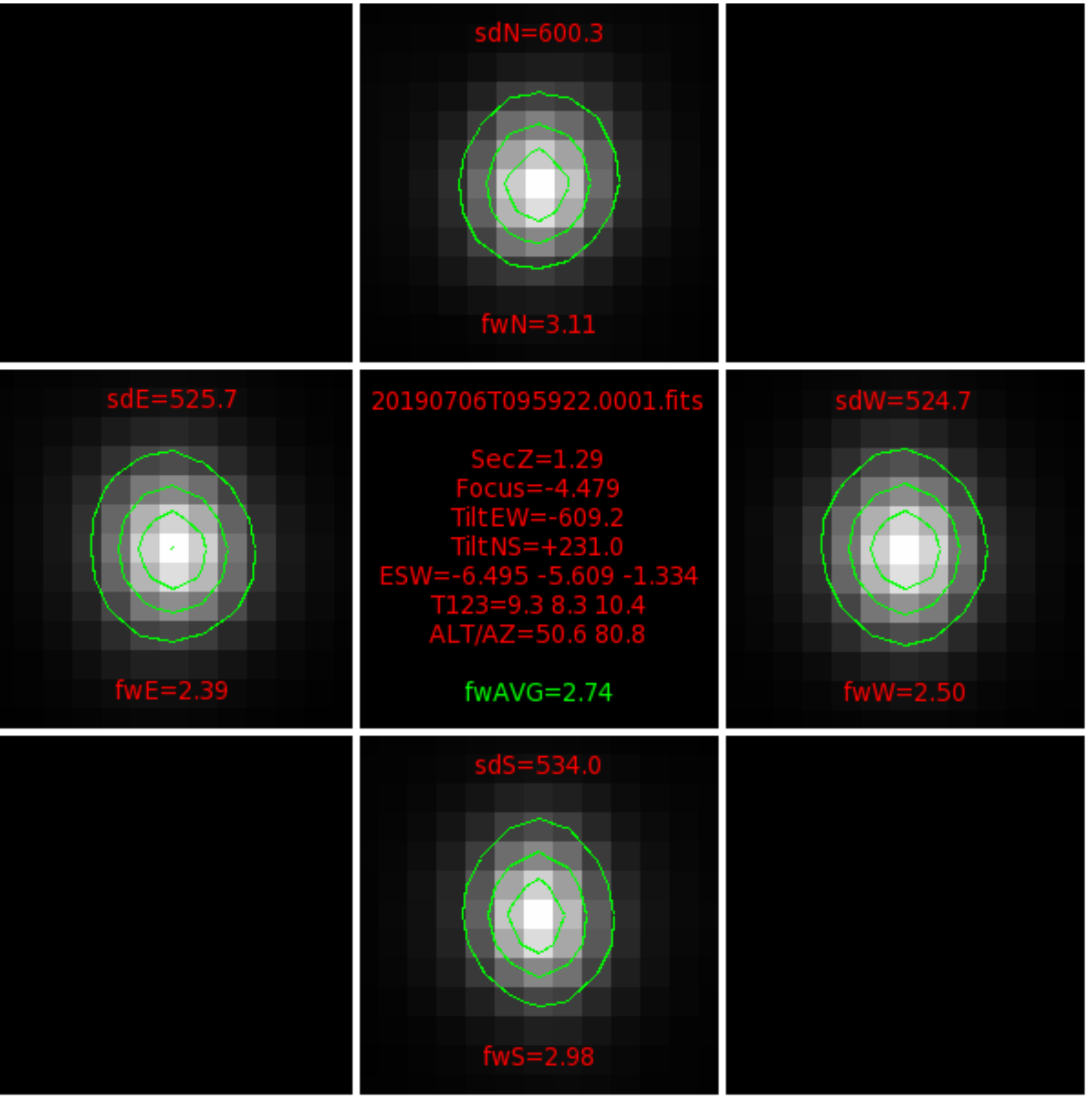
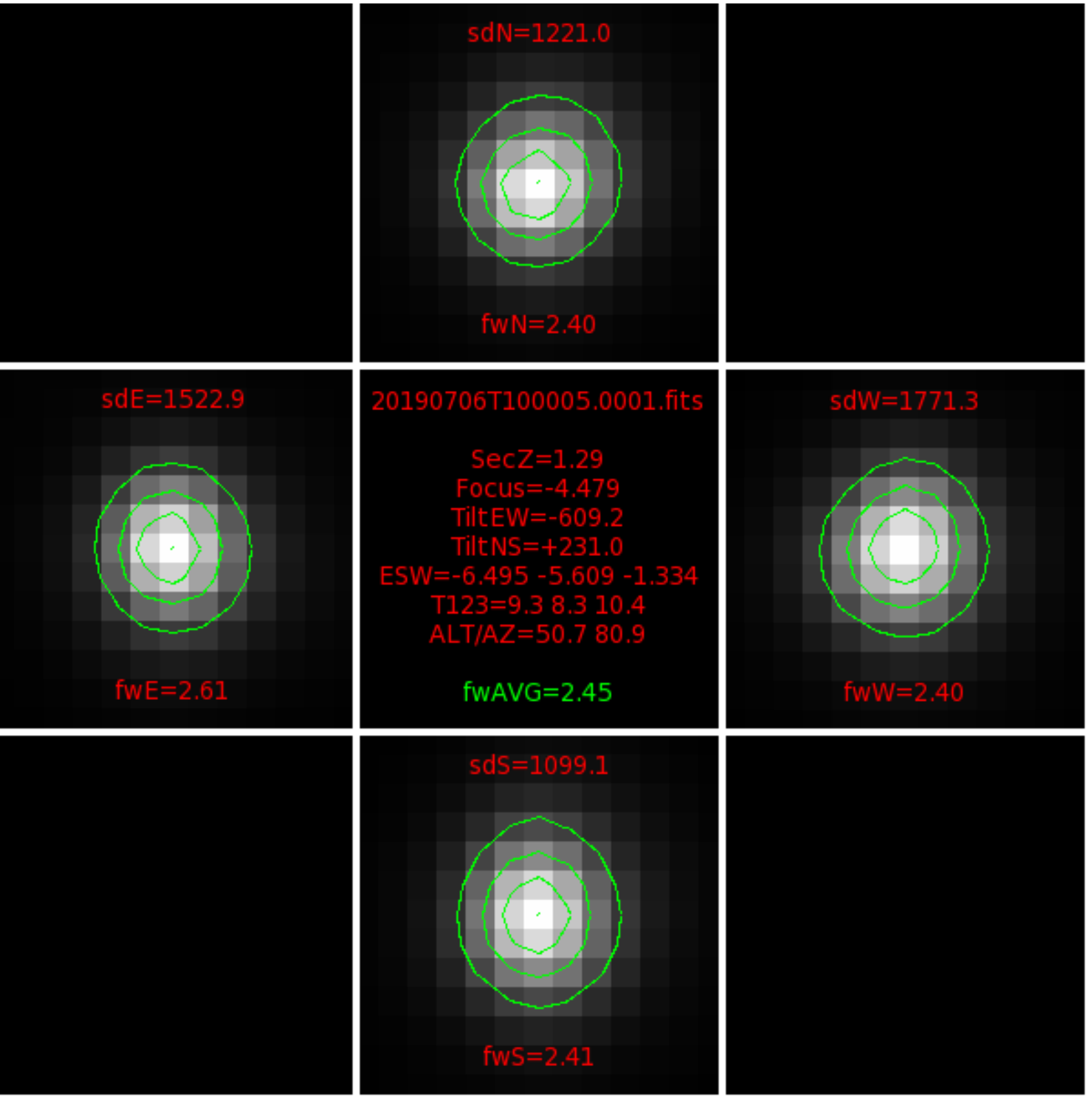

sdN=600.3
fwN=3.11
sdE=525.7
fwE=2.39
20190706T095922.0001.fits
SecZ=1.29
Focus=-4.479
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.495 -5.609 -1.334
T123=9.3 8.3 10.4
ALT/AZ=50.6 80.8
fwAVG=2.74
sdW=524.7
fwW=2.50
sdS=534.0
fwS=2.98
0 0 0 0 0 0 0 0 0


sdN=1221.0
fwN=2.40
sdE=1522.9
fwE=2.61
20190706T100005.0001.fits
SecZ=1.29
Focus=-4.479
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.495 -5.609 -1.334
T123=9.3 8.3 10.4
ALT/AZ=50.7 80.9
fwAVG=2.45
sdW=1771.3
fwW=2.40
sdS=1099.1
fwS=2.41
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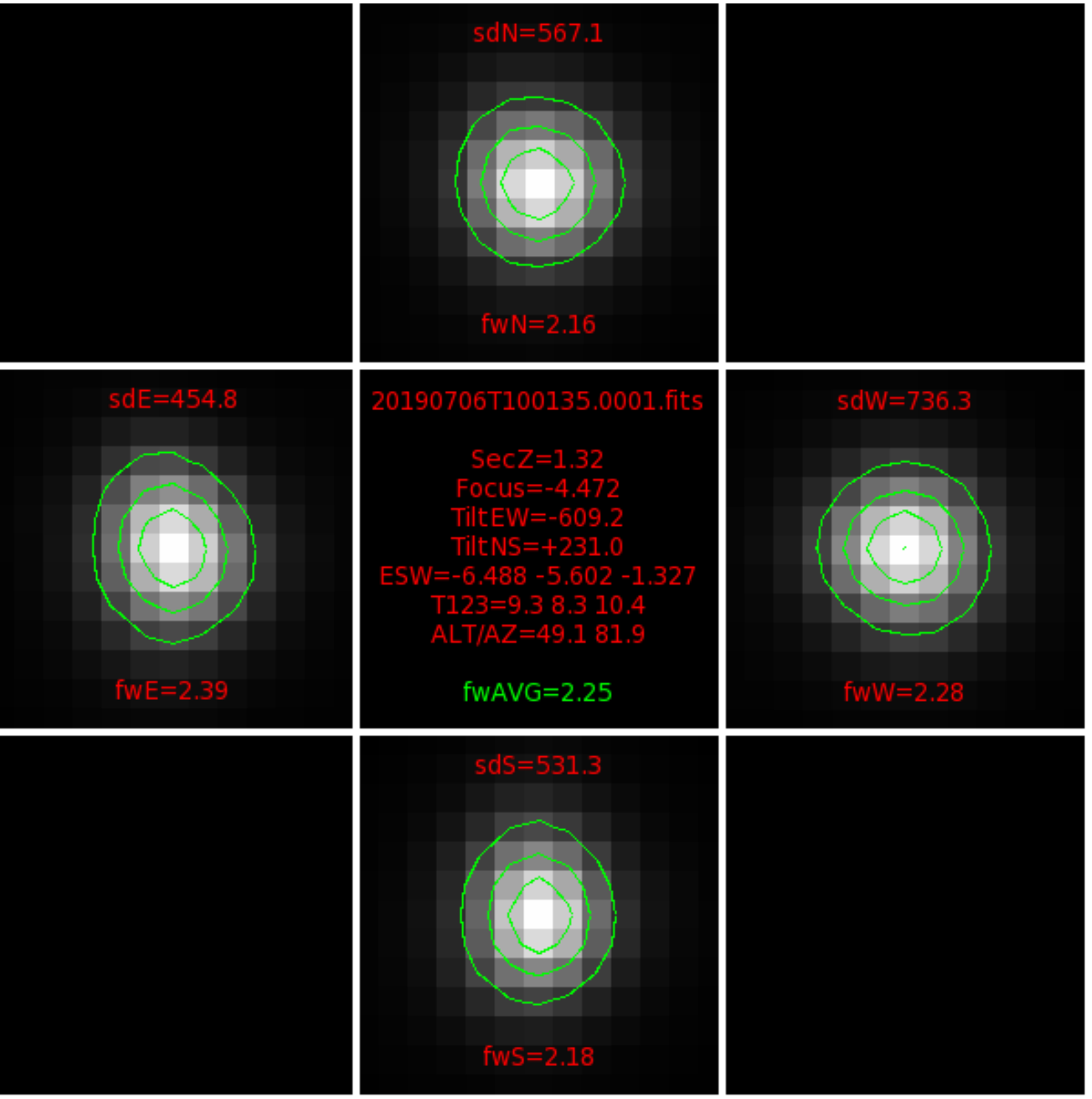
sdN=567.1
fwN=2.16
sdE=454.8
fwE=2.39
20190706T100135.0001.fits
SecZ=1.32
Focus=-4.472
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.488 -5.602 -1.327
T123=9.3 8.3 10.4
ALT/AZ=49.1 81.9
fwAVG=2.25
sdW=736.3
fwW=2.28
sdS=531.3
fwS=2.18
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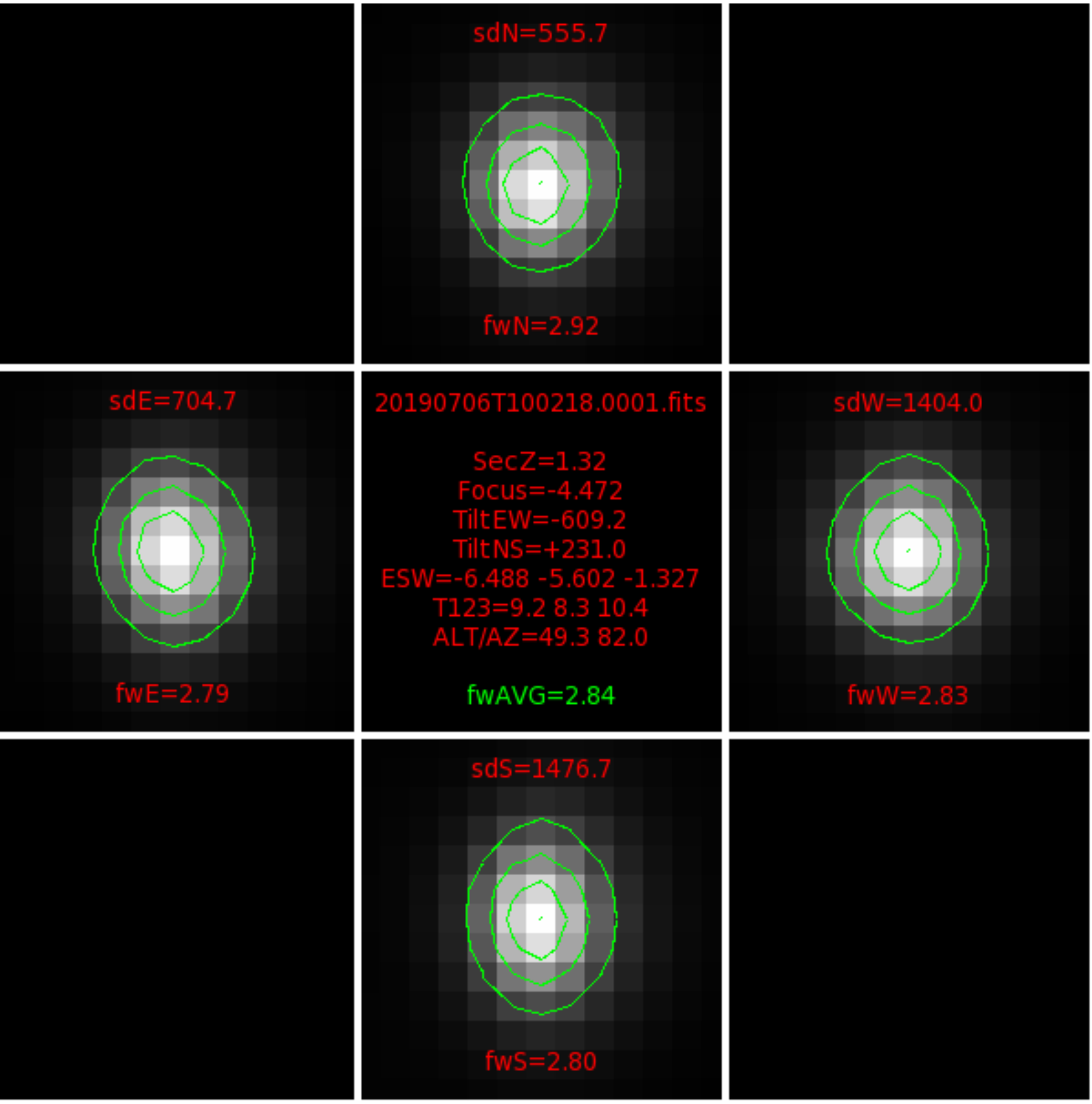
sdN=555.7
fwN=2.92
sdE=704.7
fwE=2.79
20190706T100218.0001.fits
SecZ=1.32
Focus=-4.472
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.488 -5.602 -1.327
T123=9.2 8.3 10.4
ALT/AZ=49.3 82.0
fwAVG=2.84
sdW=1404.0
fwW=2.83
sdS=1476.7
fwS=2.80
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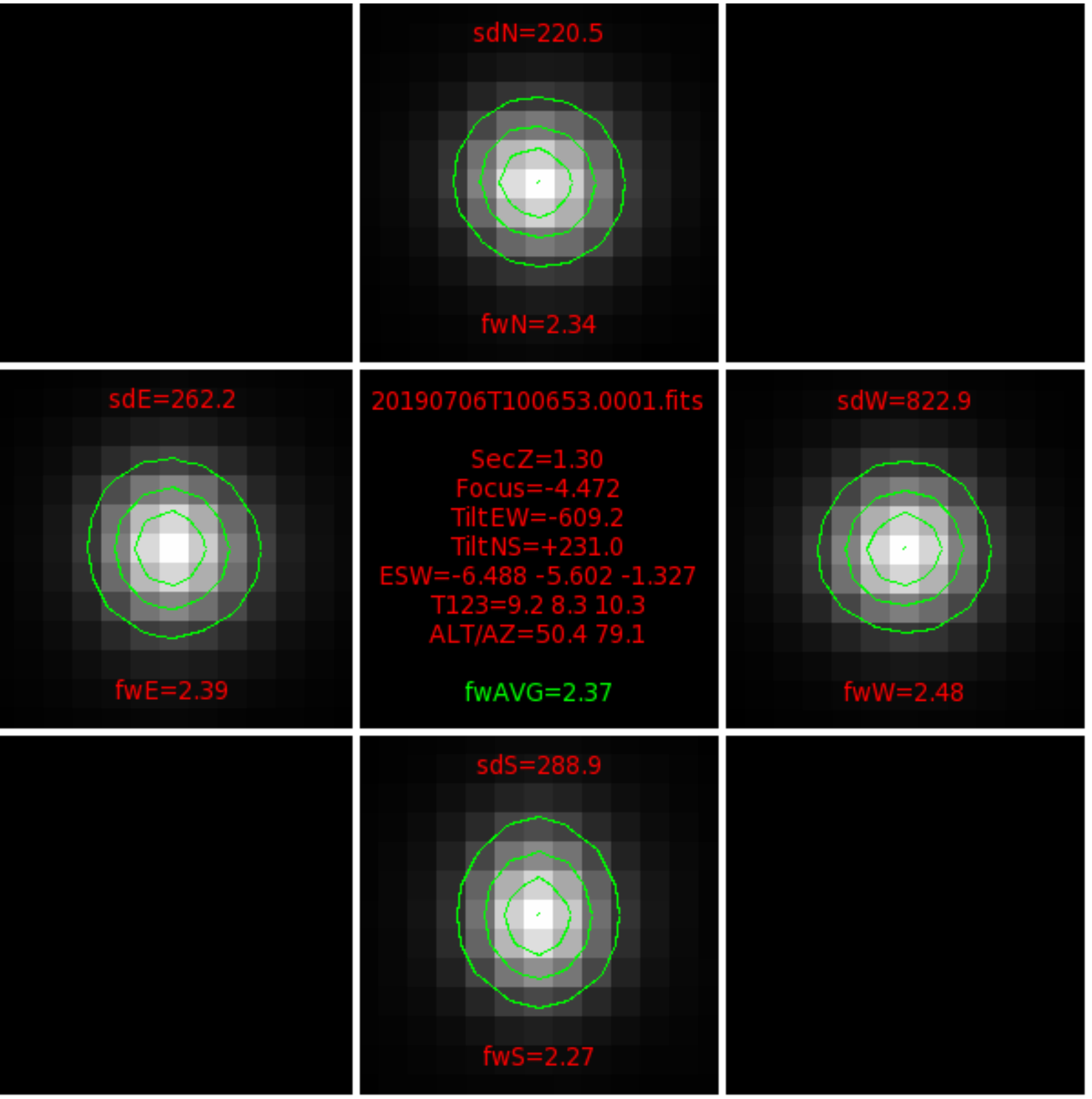
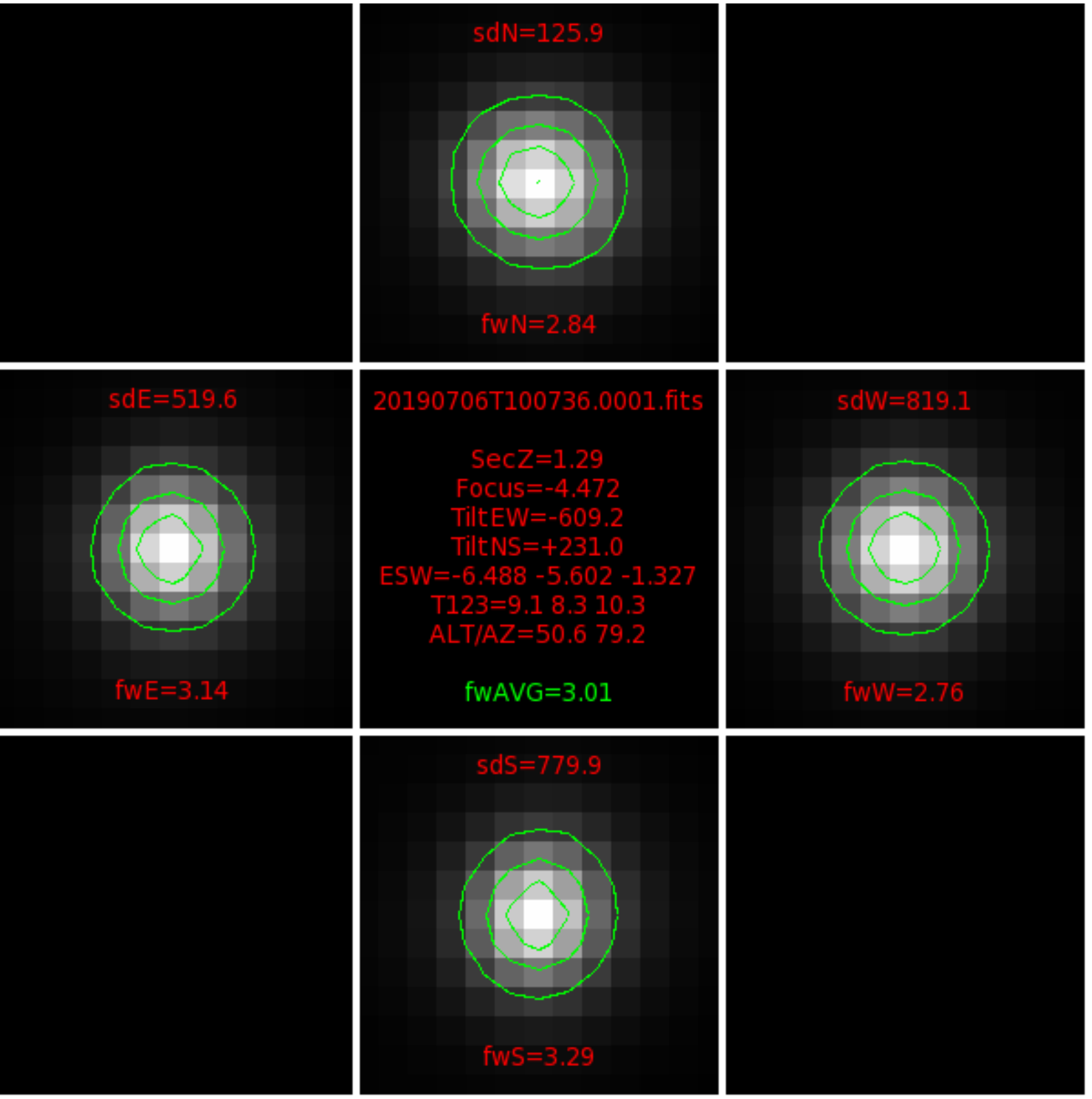

sdN=220.5
fwN=2.34
sdE=262.2
fwE=2.39
20190706T100653.0001.fits
SecZ=1.30
Focus=-4.472
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.488 -5.602 -1.327
T123=9.2 8.3 10.3
ALT/AZ=50.4 79.1
fwAVG=2.37
sdW=822.9
fwW=2.48
sdS=288.9
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=125.9
fwN=2.84
sdE=519.6
fwE=3.14
20190706T100736.0001.fits
SecZ=1.29
Focus=-4.472
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.488 -5.602 -1.327
T123=9.1 8.3 10.3
ALT/AZ=50.6 79.2
fwAVG=3.01
sdW=819.1
fwW=2.76
sdS=779.9
fwS=3.29
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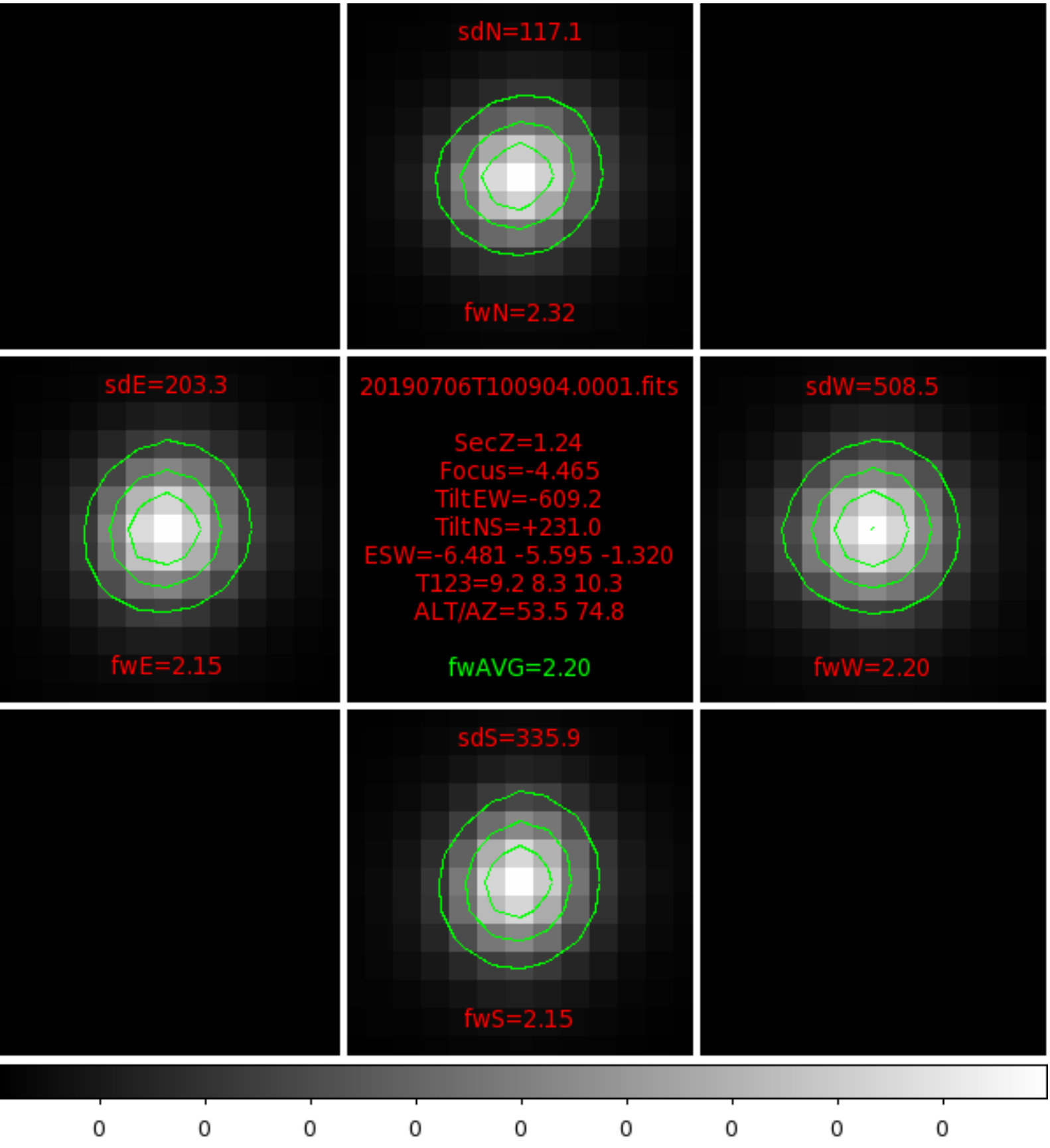
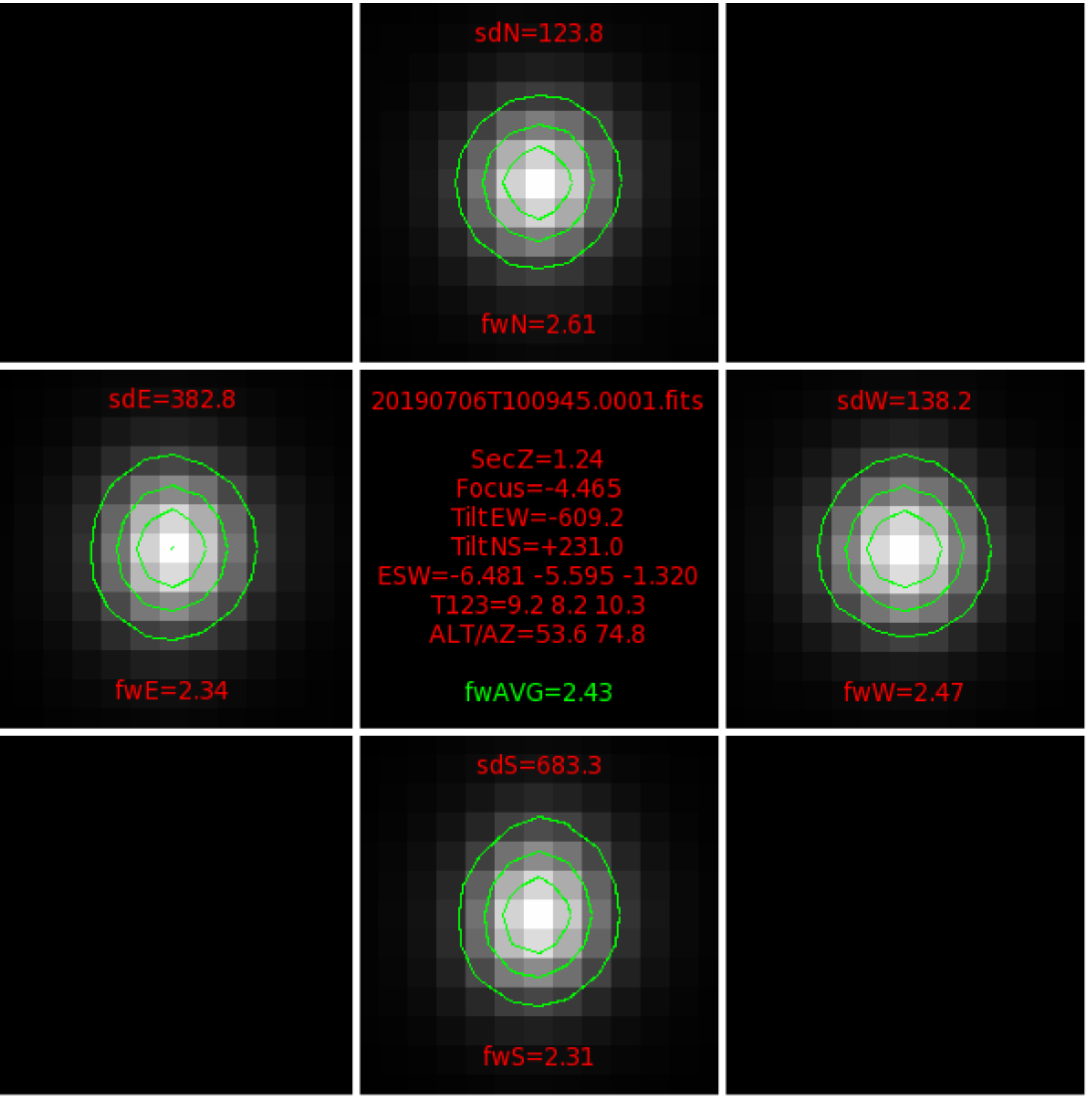

sdN=117.1
fwN=2.32
sdE=203.3
fwE=2.15
20190706T100904.0001.fits
SecZ=1.24
Focus=-4.465
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.481 -5.595 -1.320
T123=9.2 8.3 10.3
ALT/AZ=53.5 74.8
fwAVG=2.20
sdW=508.5
fwW=2.20
sdS=335.9
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=123.8
fwN=2.61
sdE=382.8
fwE=2.34
20190706T100945.0001.fits
SecZ=1.24
Focus=-4.465
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.481 -5.595 -1.320
T123=9.2 8.2 10.3
ALT/AZ=53.6 74.8
fwAVG=2.43
sdW=138.2
fwW=2.47
sdS=683.3
fwS=2.31
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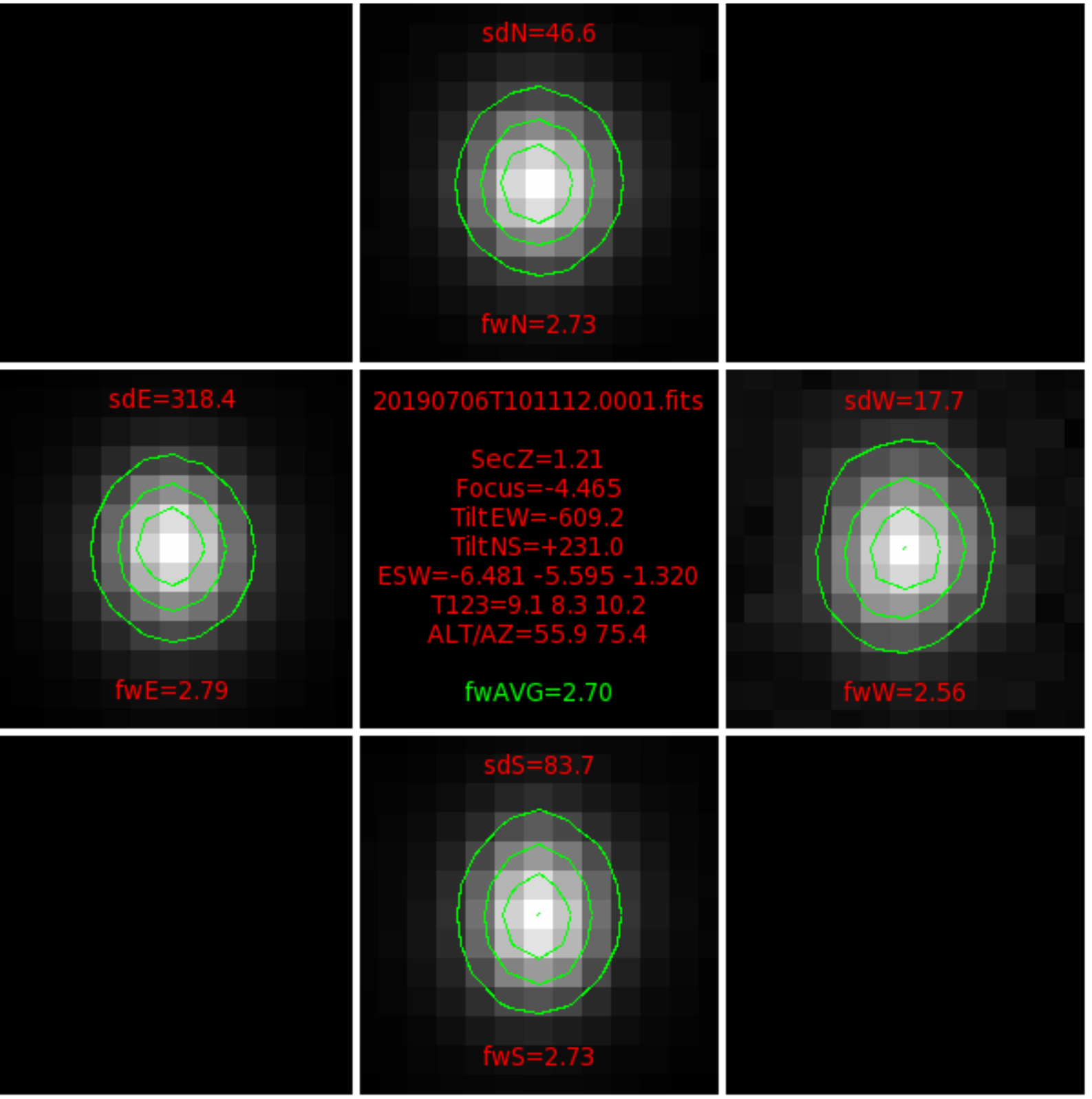
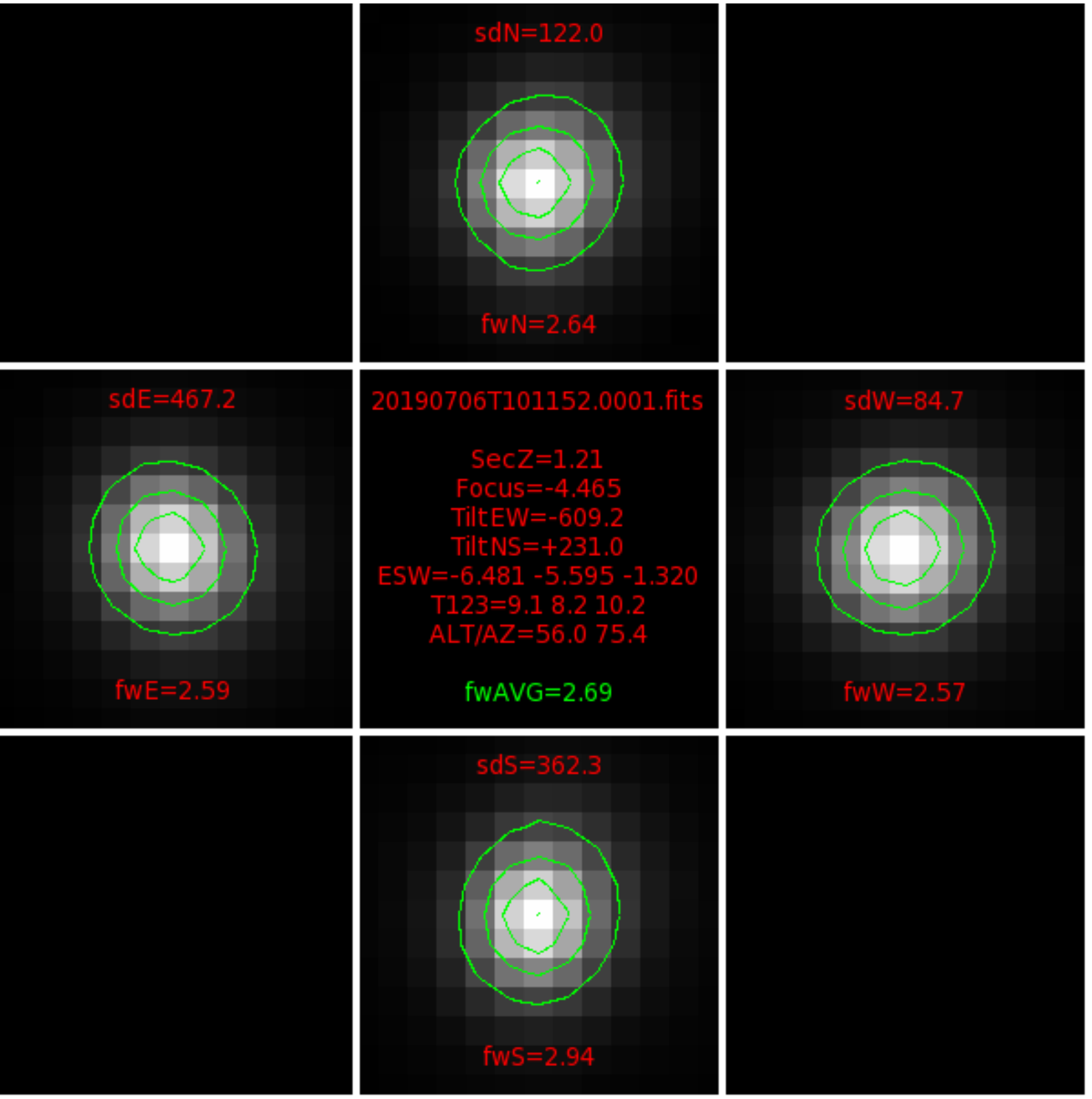

sdN=46.6
fwN=2.73
sdE=318.4
fwE=2.79
20190706T101112.0001.fits
SecZ=1.21
Focus=-4.465
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.481 -5.595 -1.320
T123=9.1 8.3 10.2
ALT/AZ=55.9 75.4
fwAVG=2.70
sdW=17.7
fwW=2.56
sdS=83.7
fwS=2.73
0 0 0 0 0 0 0 0 0


sdN=122.0
fwN=2.64
sdE=467.2
fwE=2.59
20190706T101152.0001.fits
SecZ=1.21
Focus=-4.465
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.481 -5.595 -1.320
T123=9.1 8.2 10.2
ALT/AZ=56.0 75.4
fwAVG=2.69
sdW=84.7
fwW=2.57
sdS=362.3
fwS=2.94
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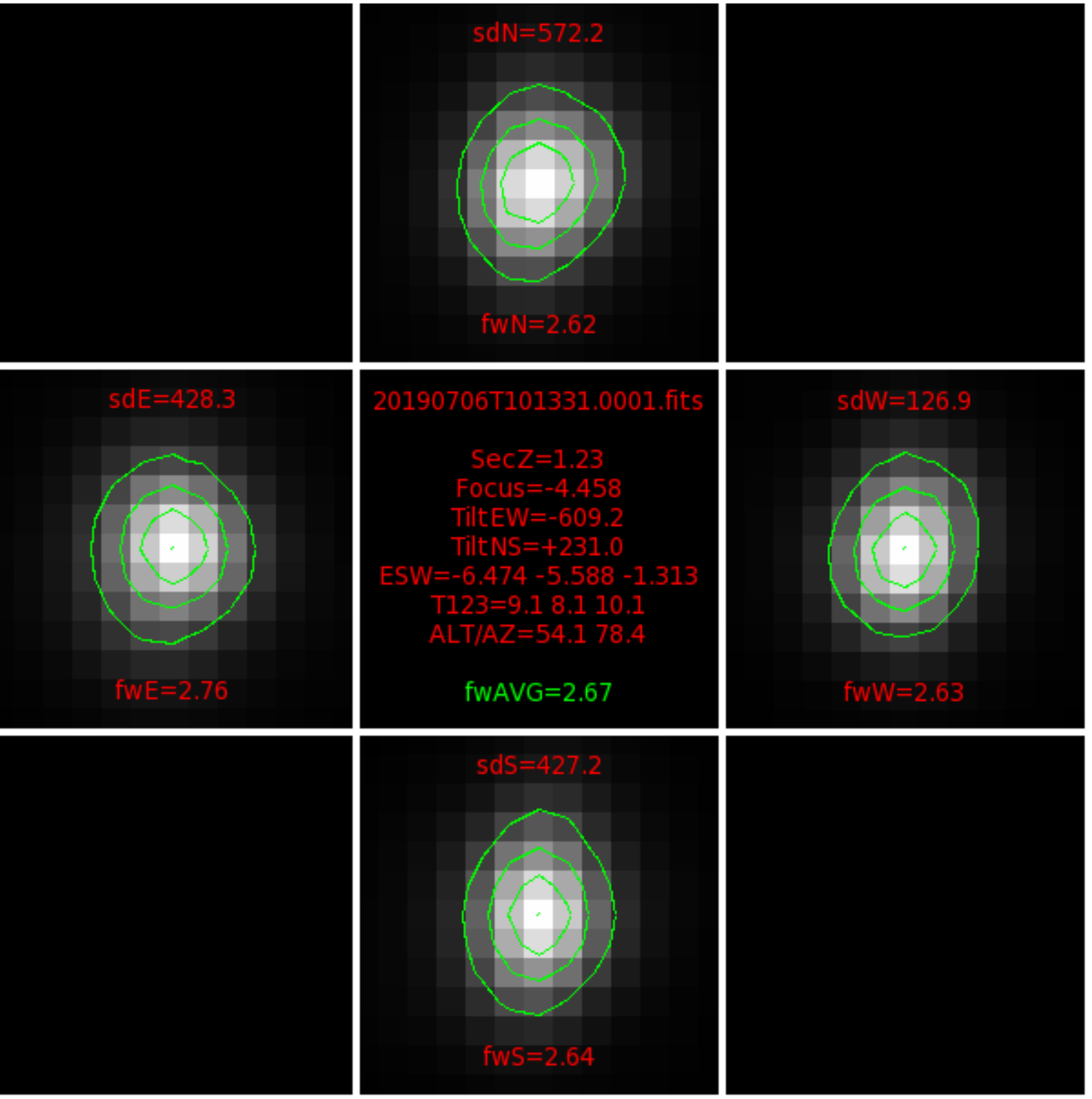
sdN=572.2
fwN=2.62
sdE=428.3
fwE=2.76
20190706T101331.0001.fits
SecZ=1.23
Focus=-4.458
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.474 -5.588 -1.313
T123=9.1 8.1 10.1
ALT/AZ=54.1 78.4
fwAVG=2.67
sdW=126.9
fwW=2.63
sdS=427.2
fwS=2.64
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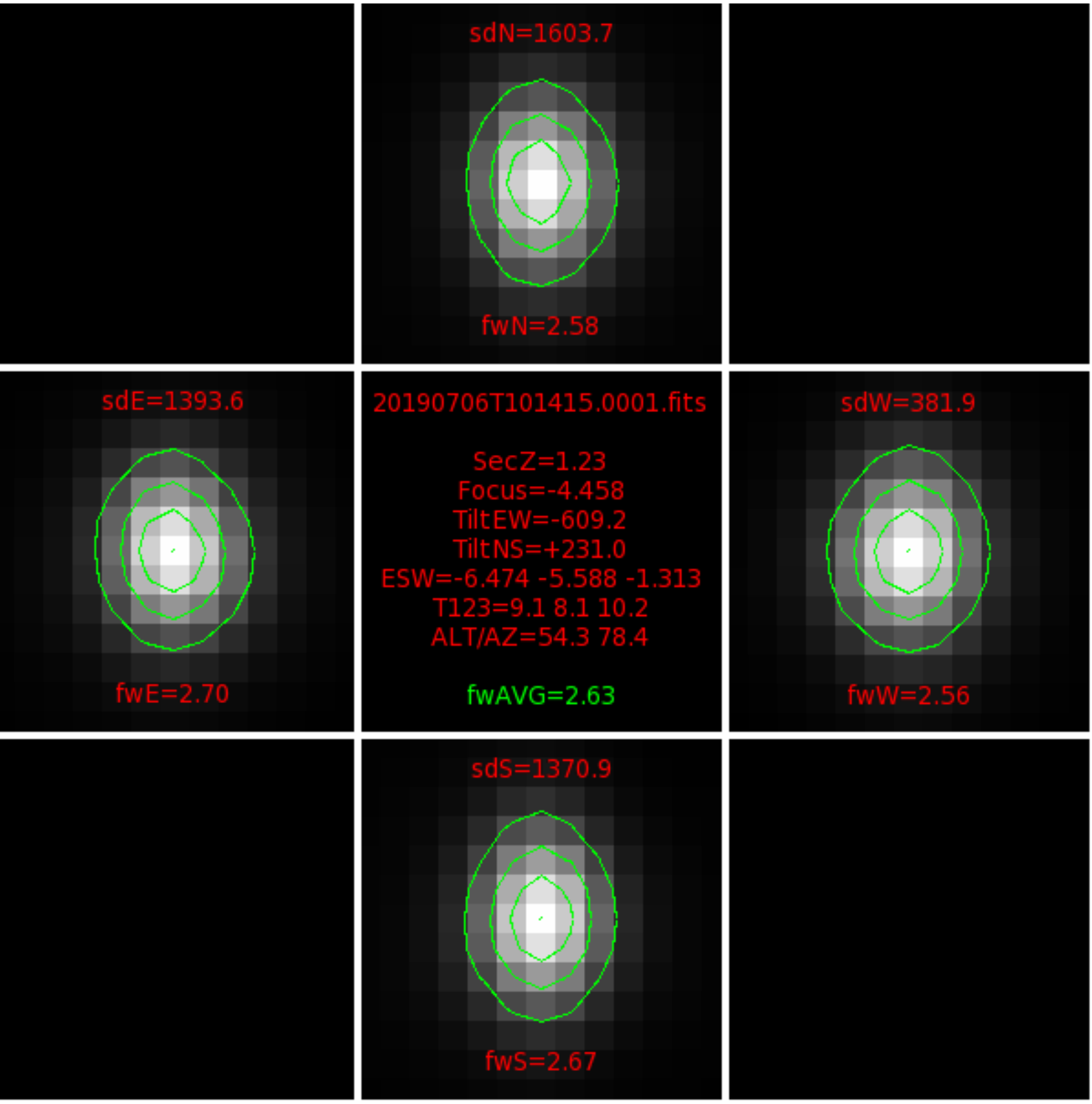
sdN=1603.7
fwN=2.58
sdE=1393.6
fwE=2.70
20190706T101415.0001.fits
SecZ=1.23
Focus=-4.458
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.474 -5.588 -1.313
T123=9.1 8.1 10.2
ALT/AZ=54.3 78.4
fwAVG=2.63
sdW=381.9
fwW=2.56
sdS=1370.9
fwS=2.67
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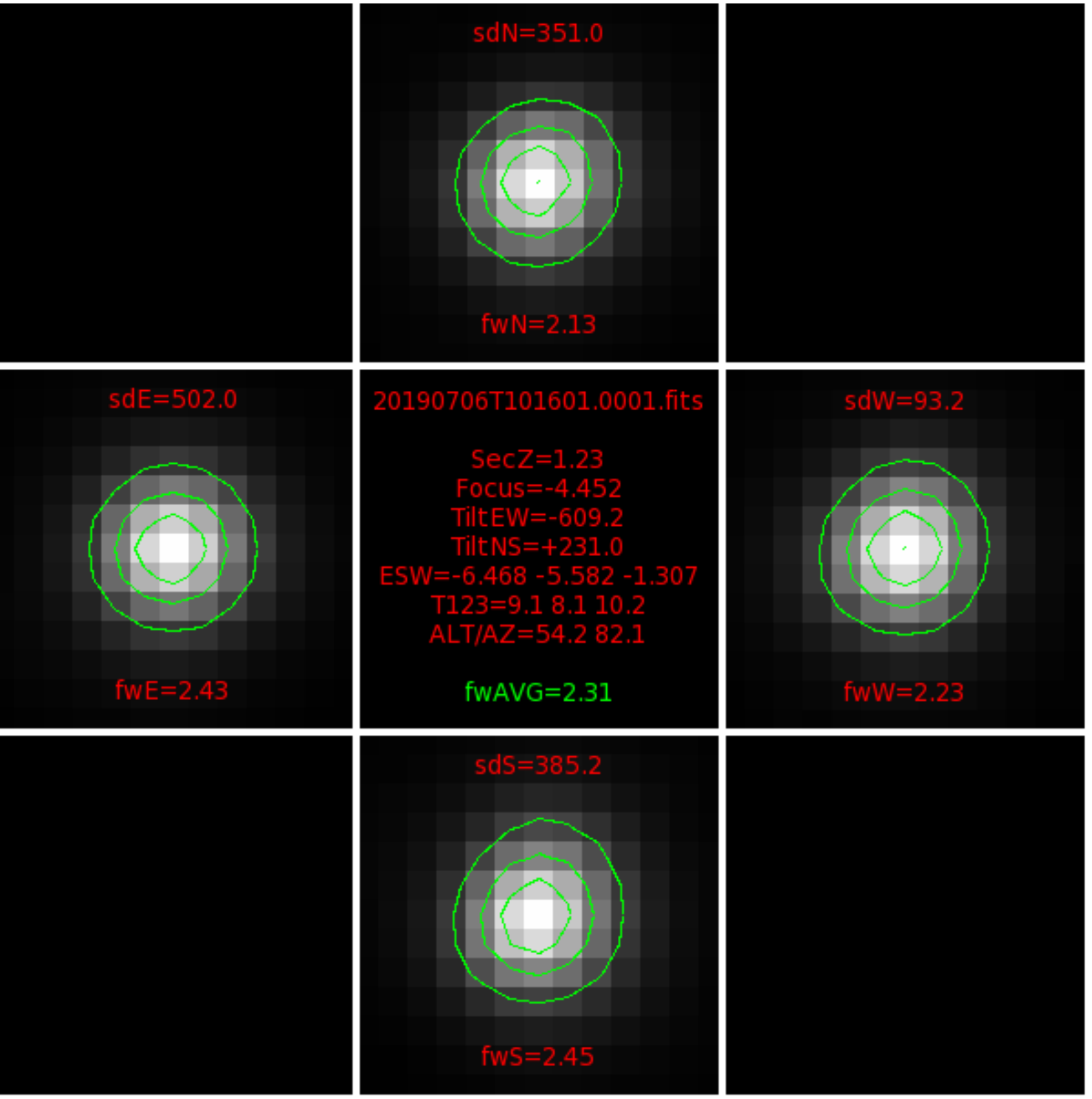
sdN=351.0
fwN=2.13
sdE=502.0
fwE=2.43
20190706T101601.0001.fits
SecZ=1.23
Focus=-4.452
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.468 -5.582 -1.307
T123=9.1 8.1 10.2
ALT/AZ=54.2 82.1
fwAVG=2.31
sdW=93.2
fwW=2.23
sdS=385.2
fwS=2.45
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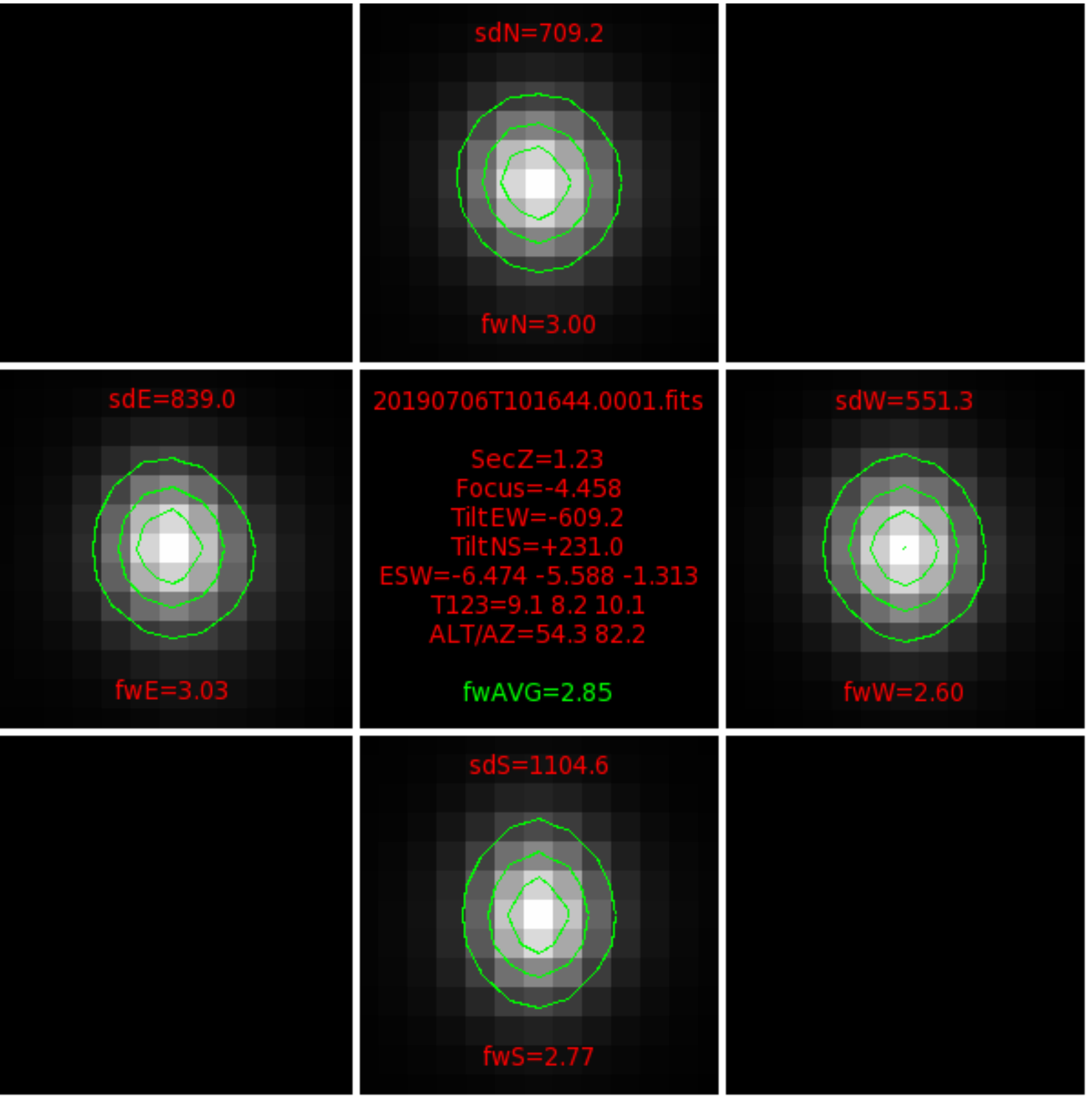
sdN=709.2
fwN=3.00
sdE=839.0
fwE=3.03
20190706T101644.0001.fits
SecZ=1.23
Focus=-4.458
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.474 -5.588 -1.313
T123=9.1 8.2 10.1
ALT/AZ=54.3 82.2
fwAVG=2.85
sdW=551.3
fwW=2.60
sdS=1104.6
fwS=2.77
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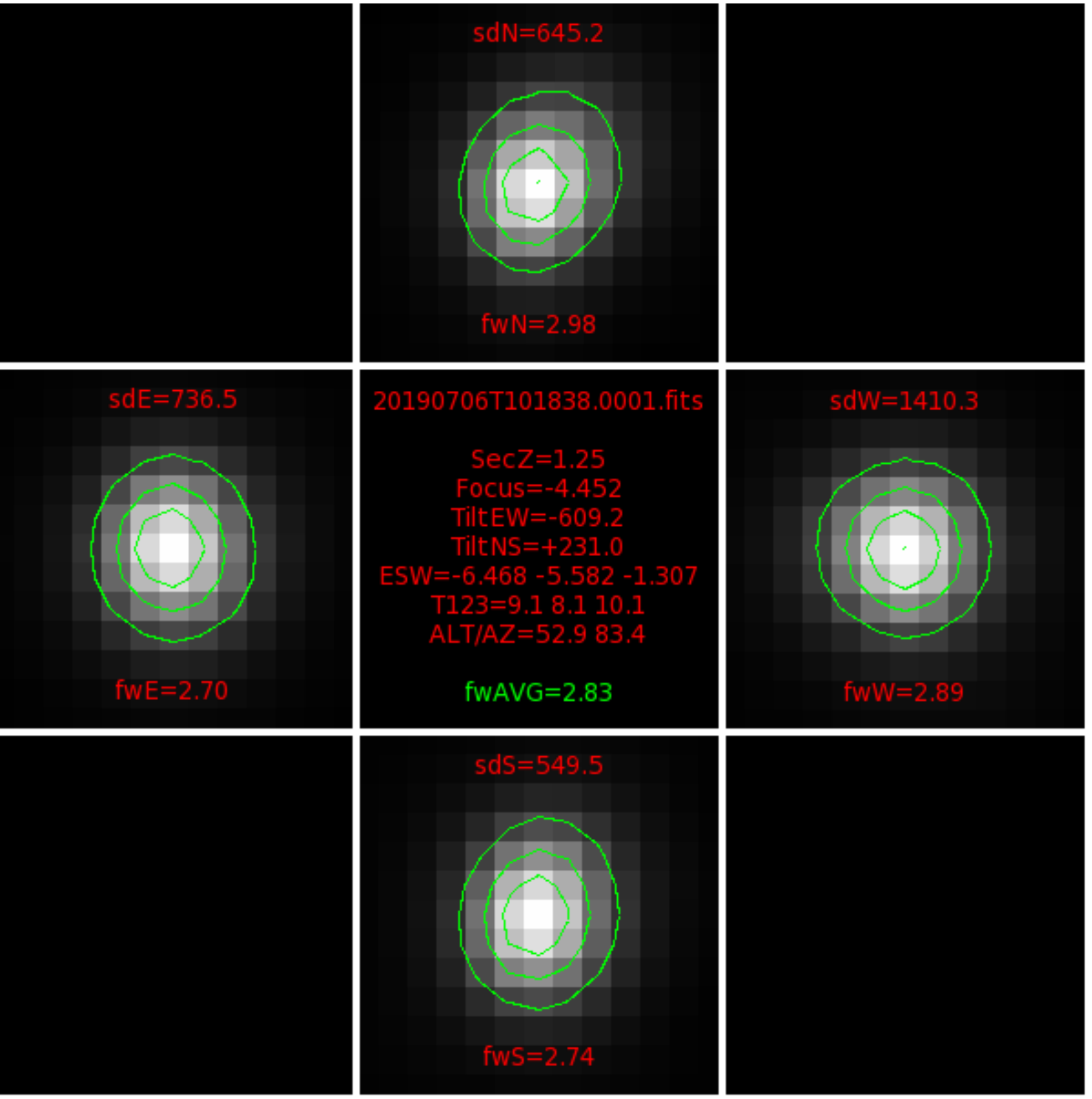
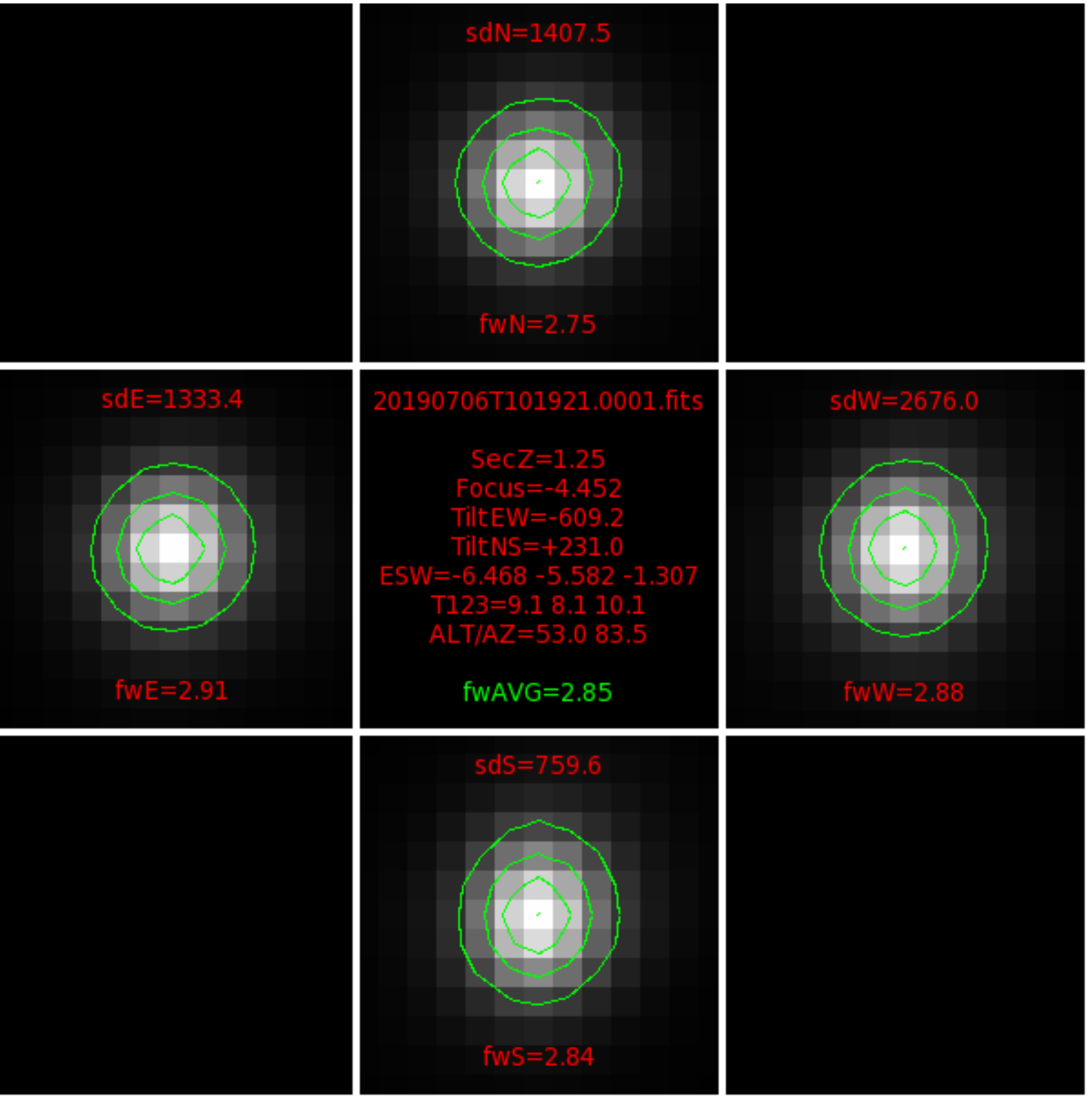

sdN=645.2
fwN=2.98
sdE=736.5
fwE=2.70
20190706T101838.0001.fits
SecZ=1.25
Focus=-4.452
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.468 -5.582 -1.307
T123=9.1 8.1 10.1
ALT/AZ=52.9 83.4
fwAVG=2.83
sdW=1410.3
fwW=2.89
sdS=549.5
fwS=2.74
0 0 0 0 0 0 0 0 0


sdN=1407.5
fwN=2.75
sdE=1333.4
fwE=2.91
20190706T101921.0001.fits
SecZ=1.25
Focus=-4.452
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.468 -5.582 -1.307
T123=9.1 8.1 10.1
ALT/AZ=53.0 83.5
fwAVG=2.85
sdW=2676.0
fwW=2.88
sdS=759.6
fwS=2.84
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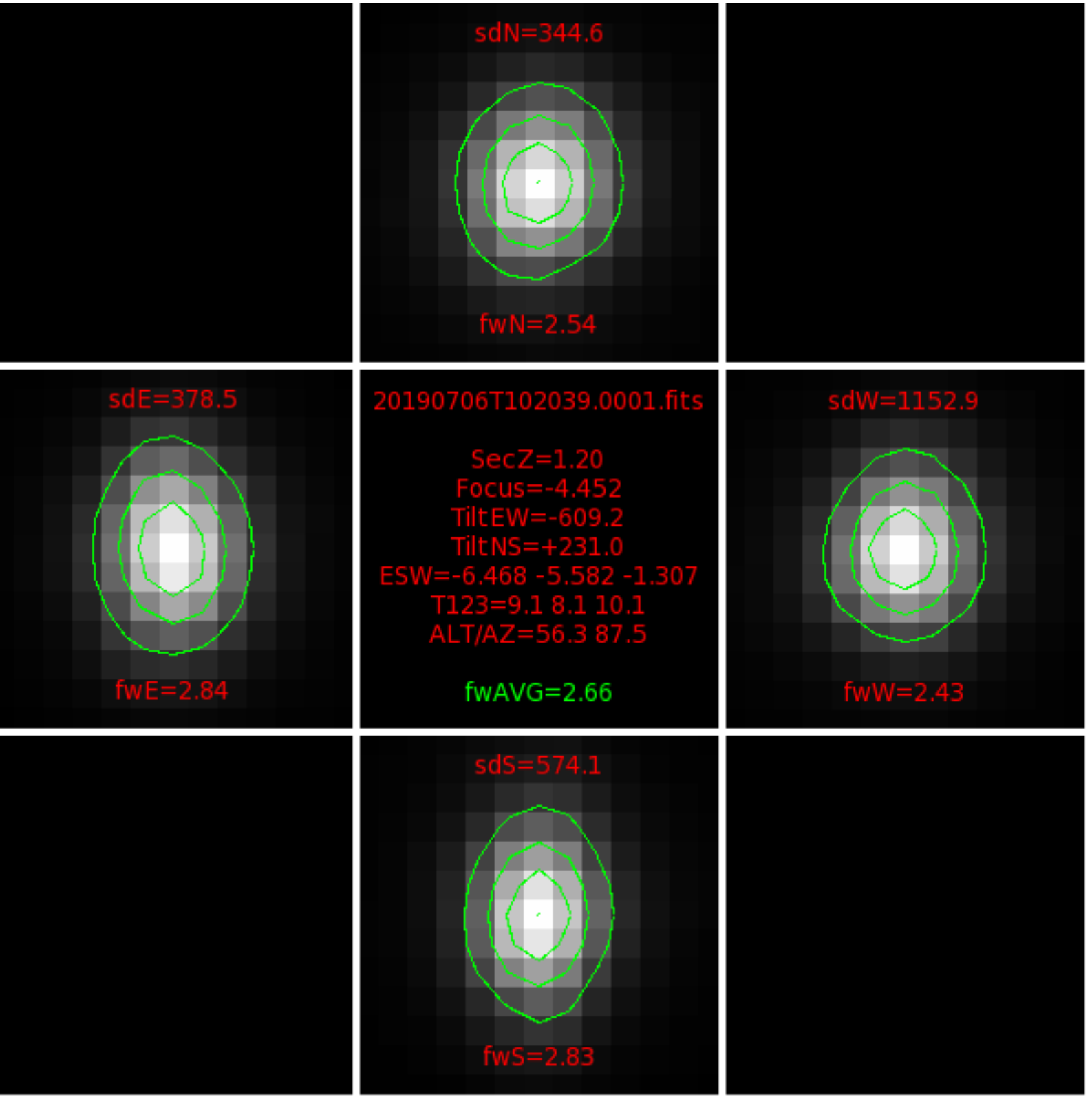
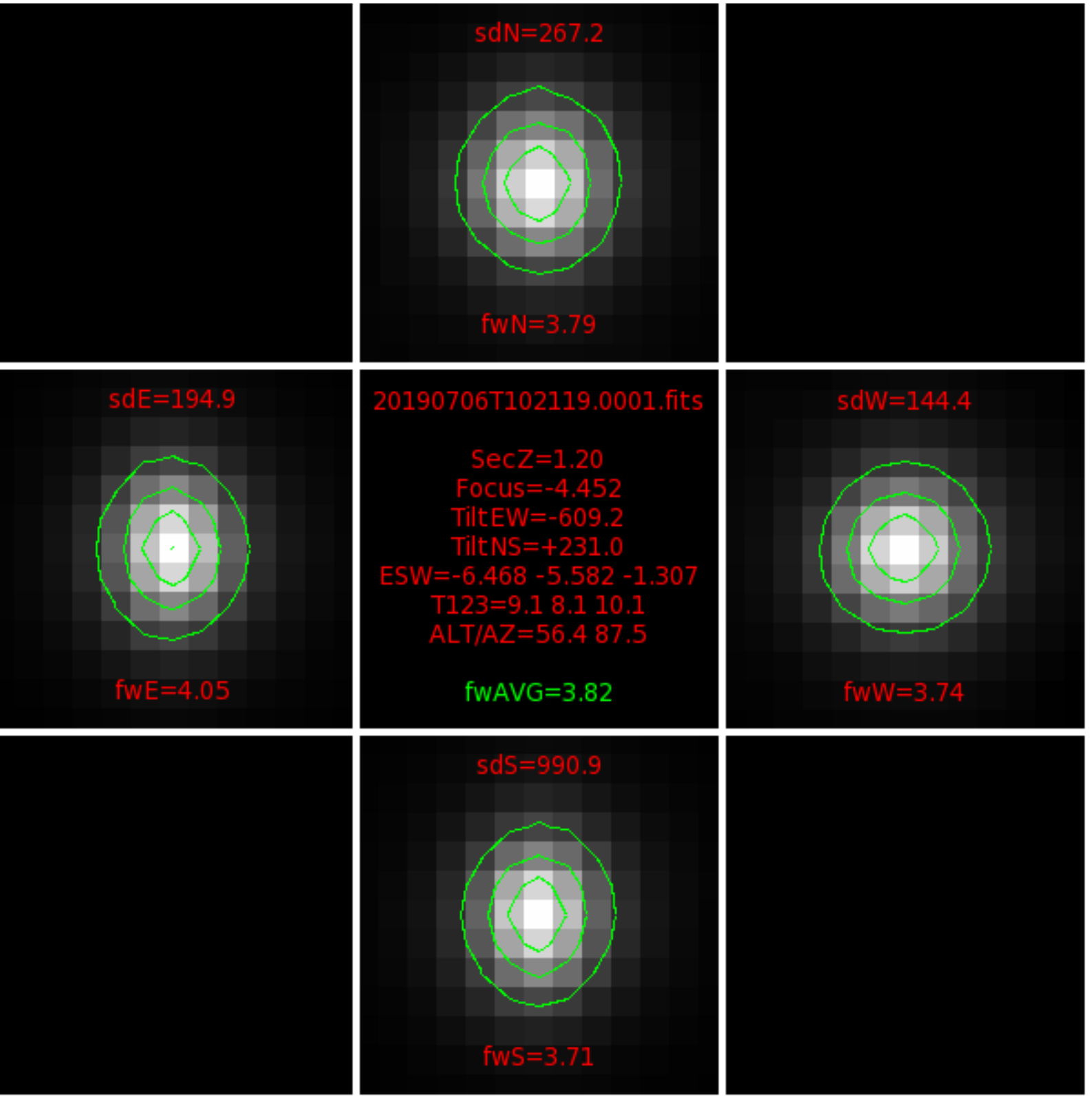

sdN=344.6
fwN=2.54
sdE=378.5
fwE=2.84
20190706T102039.0001.fits
SecZ=1.20
Focus=-4.452
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.468 -5.582 -1.307
T123=9.1 8.1 10.1
ALT/AZ=56.3 87.5
fwAVG=2.66
sdW=1152.9
fwW=2.43
sdS=574.1
fwS=2.83
0 0 0 0 0 0 0 0 0


sdN=267.2
fwN=3.79
sdE=194.9
fwE=4.05
20190706T102119.0001.fits
SecZ=1.20
Focus=-4.452
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.468 -5.582 -1.307
T123=9.1 8.1 10.1
ALT/AZ=56.4 87.5
fwAVG=3.82
sdW=144.4
fwW=3.74
sdS=990.9
fwS=3.71
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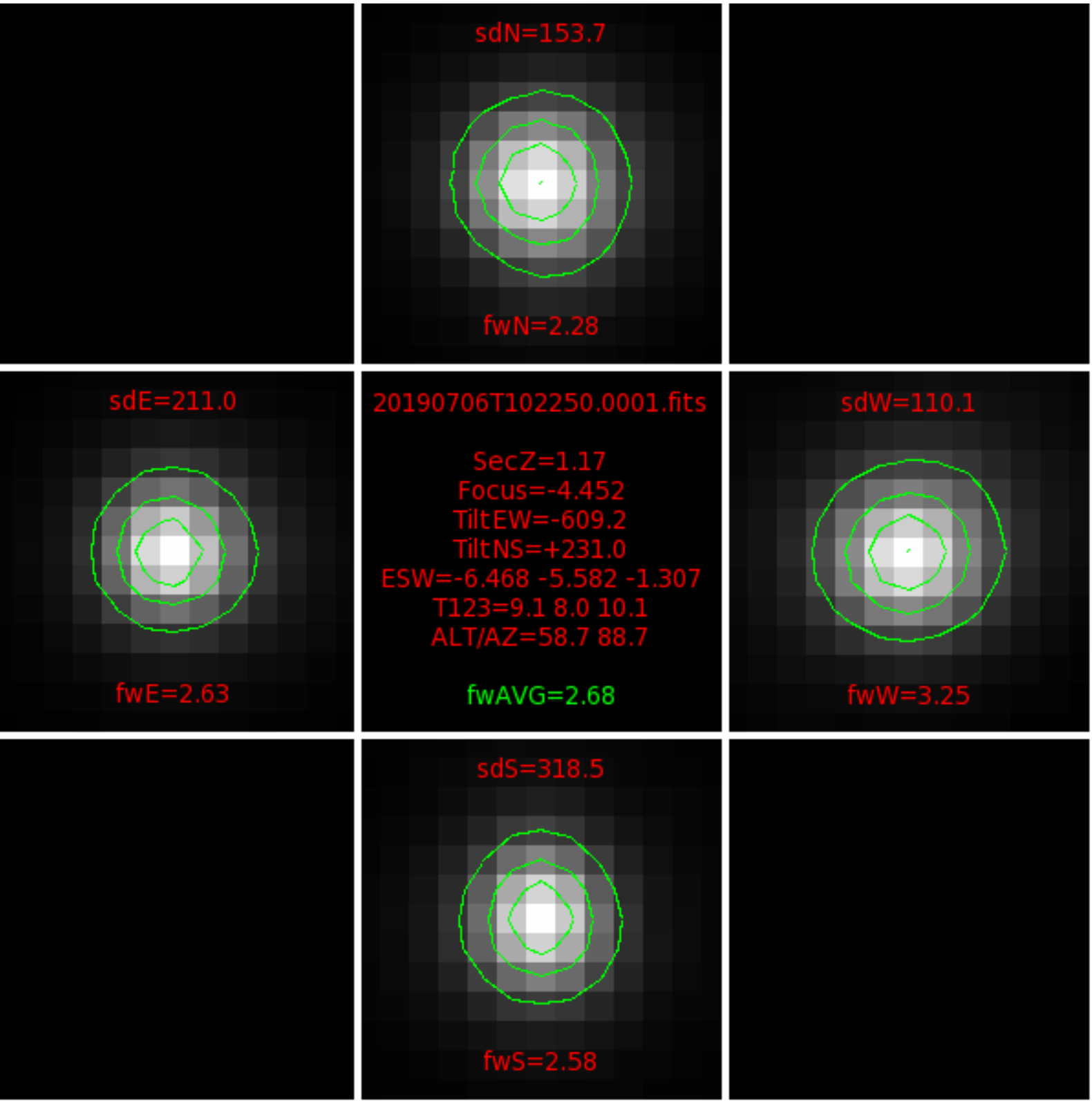
sdN=153.7
fwN=2.28
sdE=211.0
fwE=2.63
20190706T102250.0001.fits
SecZ=1.17
Focus=-4.452
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.468 -5.582 -1.307
T123=9.1 8.0 10.1
ALT/AZ=58.7 88.7
fwAVG=2.68
sdW=110.1
fwW=3.25
sdS=318.5
fwS=2.58
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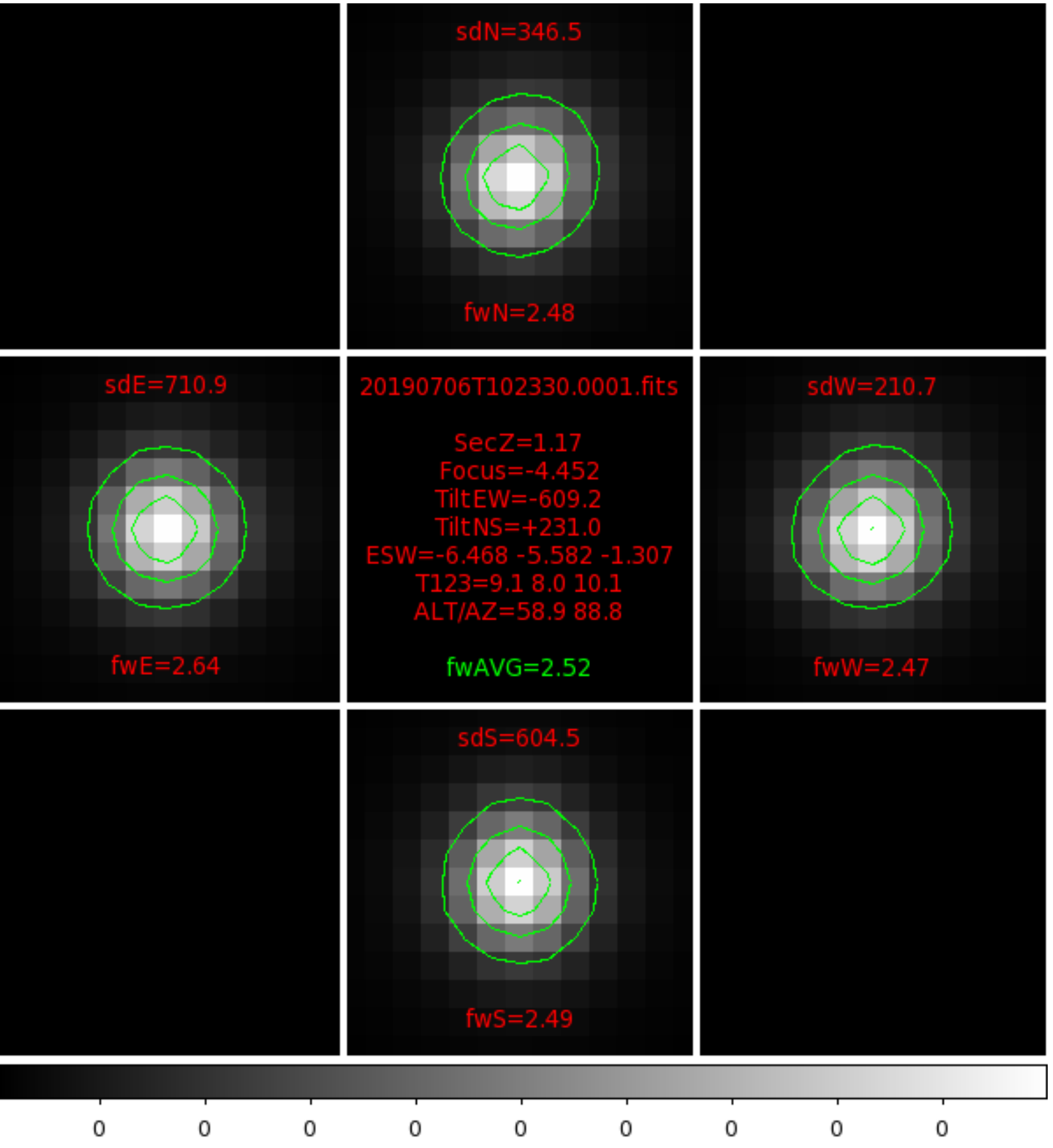
sdN=346.5
fwN=2.48
sdE=710.9
fwE=2.64
20190706T102330.0001.fits
SecZ=1.17
Focus=-4.452
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.468 -5.582 -1.307
T123=9.1 8.0 10.1
ALT/AZ=58.9 88.8
fwAVG=2.52
sdW=210.7
fwW=2.47
sdS=604.5
fwS=2.49
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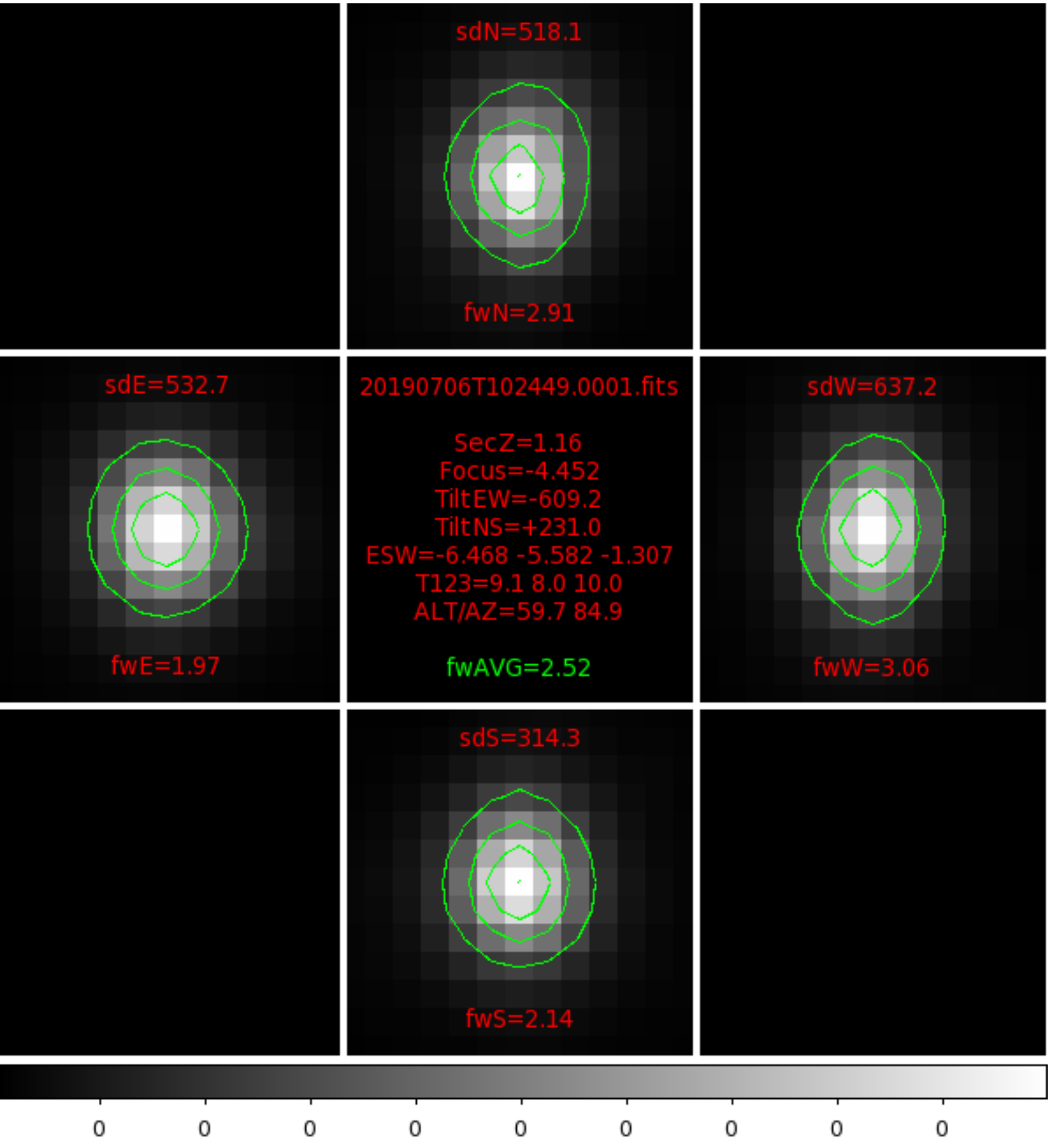
sdN=518.1
fwN=2.91
sdE=532.7
fwE=1.97
20190706T102449.0001.fits
SecZ=1.16
Focus=-4.452
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.468 -5.582 -1.307
T123=9.1 8.0 10.0
ALT/AZ=59.7 84.9
fwAVG=2.52
sdW=637.2
fwW=3.06
sdS=314.3
fwS=2.14
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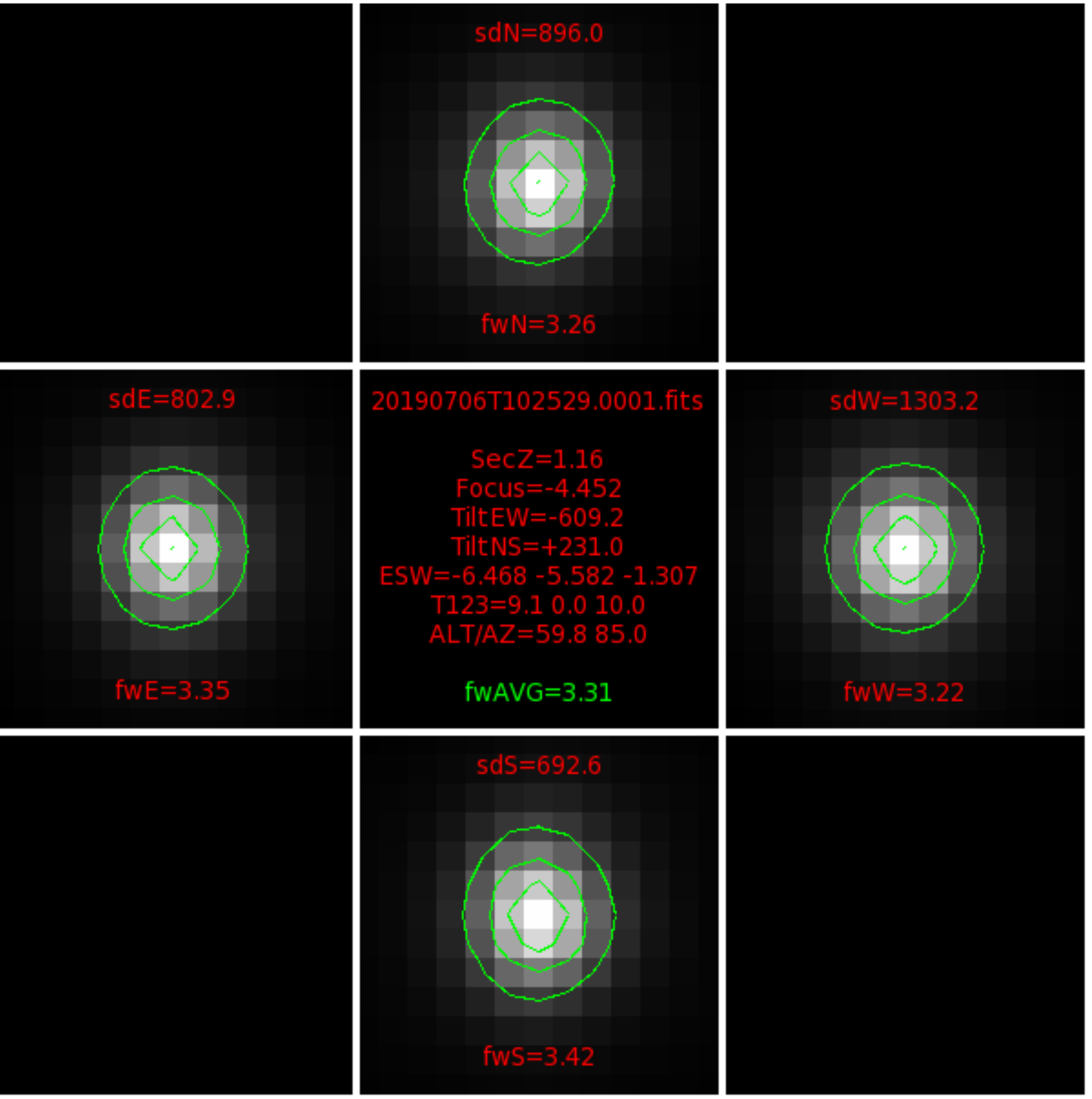
sdN=896.0
fwN=3.26
sdE=802.9
fwE=3.35
20190706T102529.0001.fits
SecZ=1.16
Focus=-4.452
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.468 -5.582 -1.307
T123=9.1 0.0 10.0
ALT/AZ=59.8 85.0
fwAVG=3.31
sdW=1303.2
fwW=3.22
sdS=692.6
fwS=3.42
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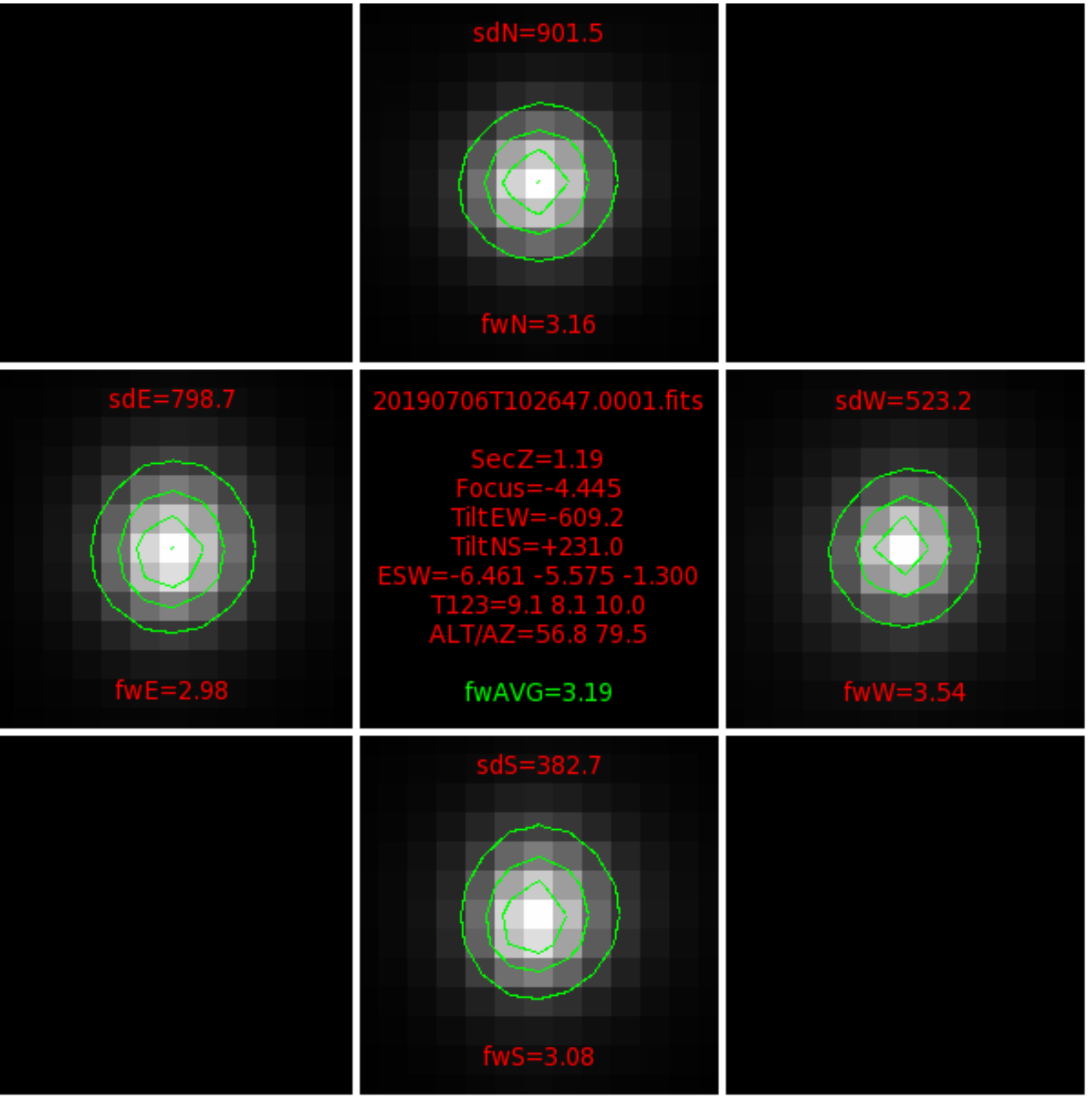
sdN=901.5
fwN=3.16
sdE=798.7
fwE=2.98
20190706T102647.0001.fits
SecZ=1.19
Focus=-4.445
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.461 -5.575 -1.300
T123=9.1 8.1 10.0
ALT/AZ=56.8 79.5
fwAVG=3.19
sdW=523.2
fwW=3.54
sdS=382.7
fwS=3.08
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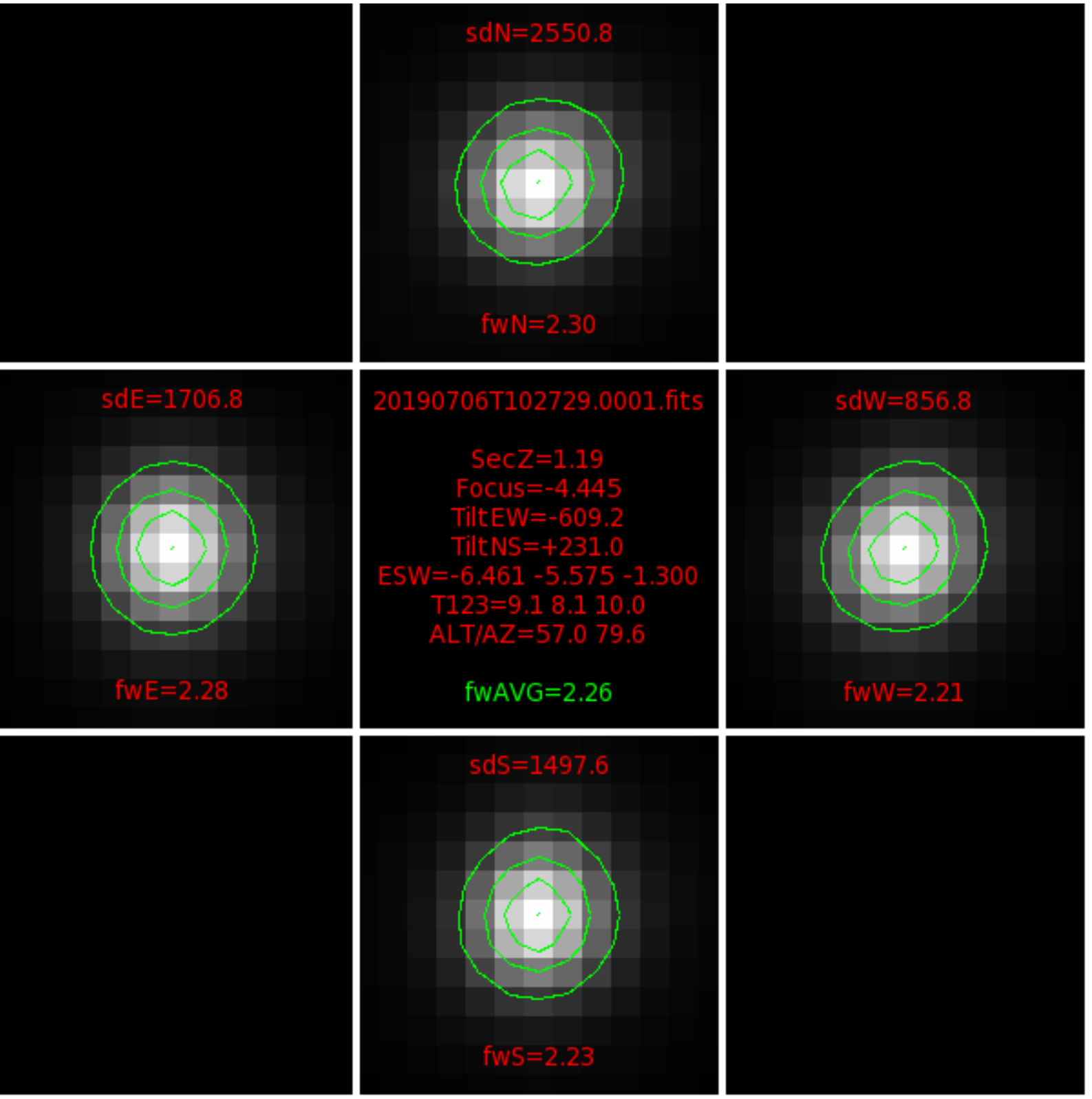
sdN=2550.8
fwN=2.30
sdE=1706.8
fwE=2.28
20190706T102729.0001.fits
SecZ=1.19
Focus=-4.445
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.461 -5.575 -1.300
T123=9.1 8.1 10.0
ALT/AZ=57.0 79.6
fwAVG=2.26
sdW=856.8
fwW=2.21
sdS=1497.6
fwS=2.23
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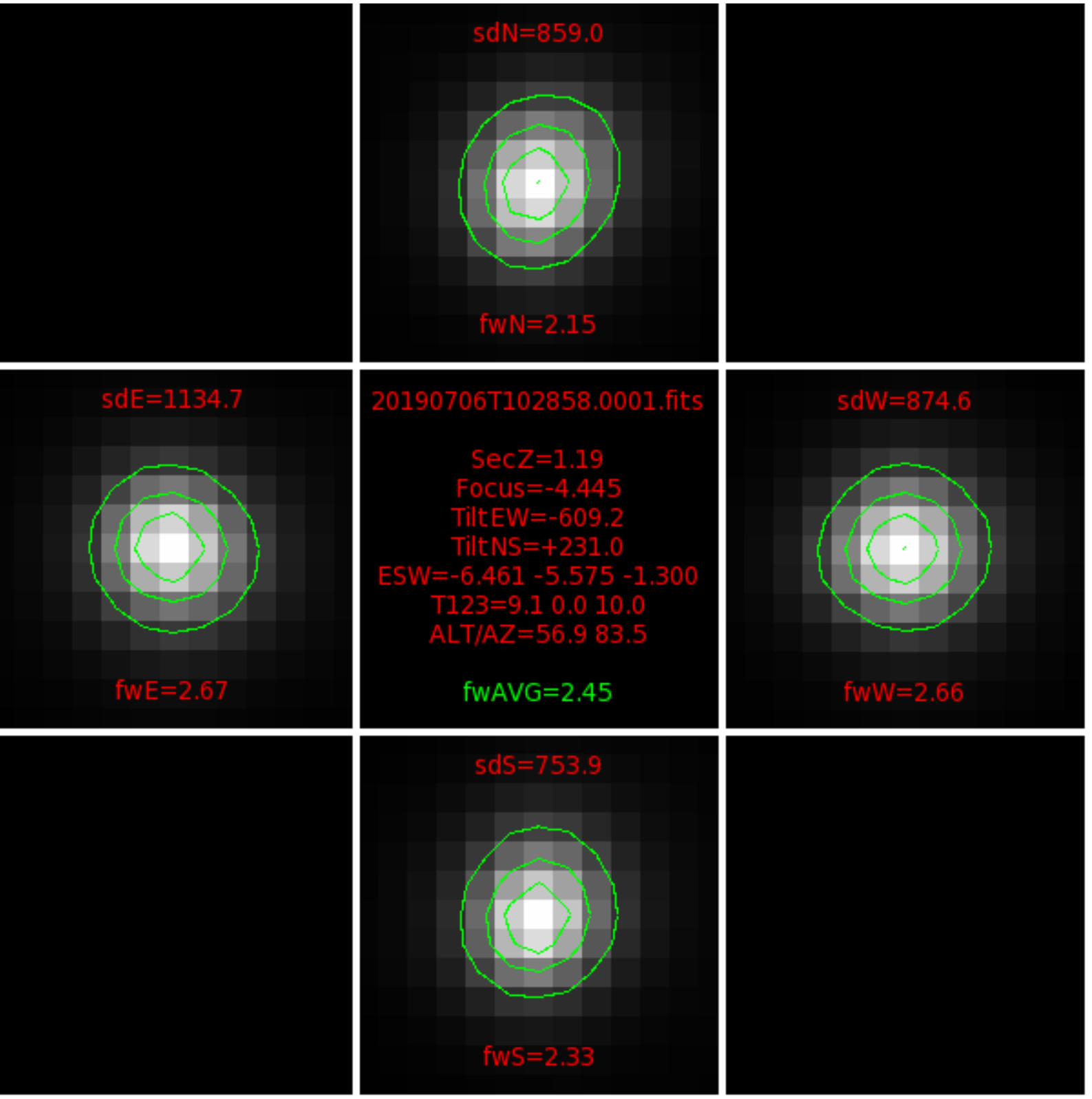
sdN=859.0
fwN=2.15
sdE=1134.7
fwE=2.67
20190706T102858.0001.fits
SecZ=1.19
Focus=-4.445
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.461 -5.575 -1.300
T123=9.1 0.0 10.0
ALT/AZ=56.9 83.5
fwAVG=2.45
sdW=874.6
fwW=2.66
sdS=753.9
fwS=2.33
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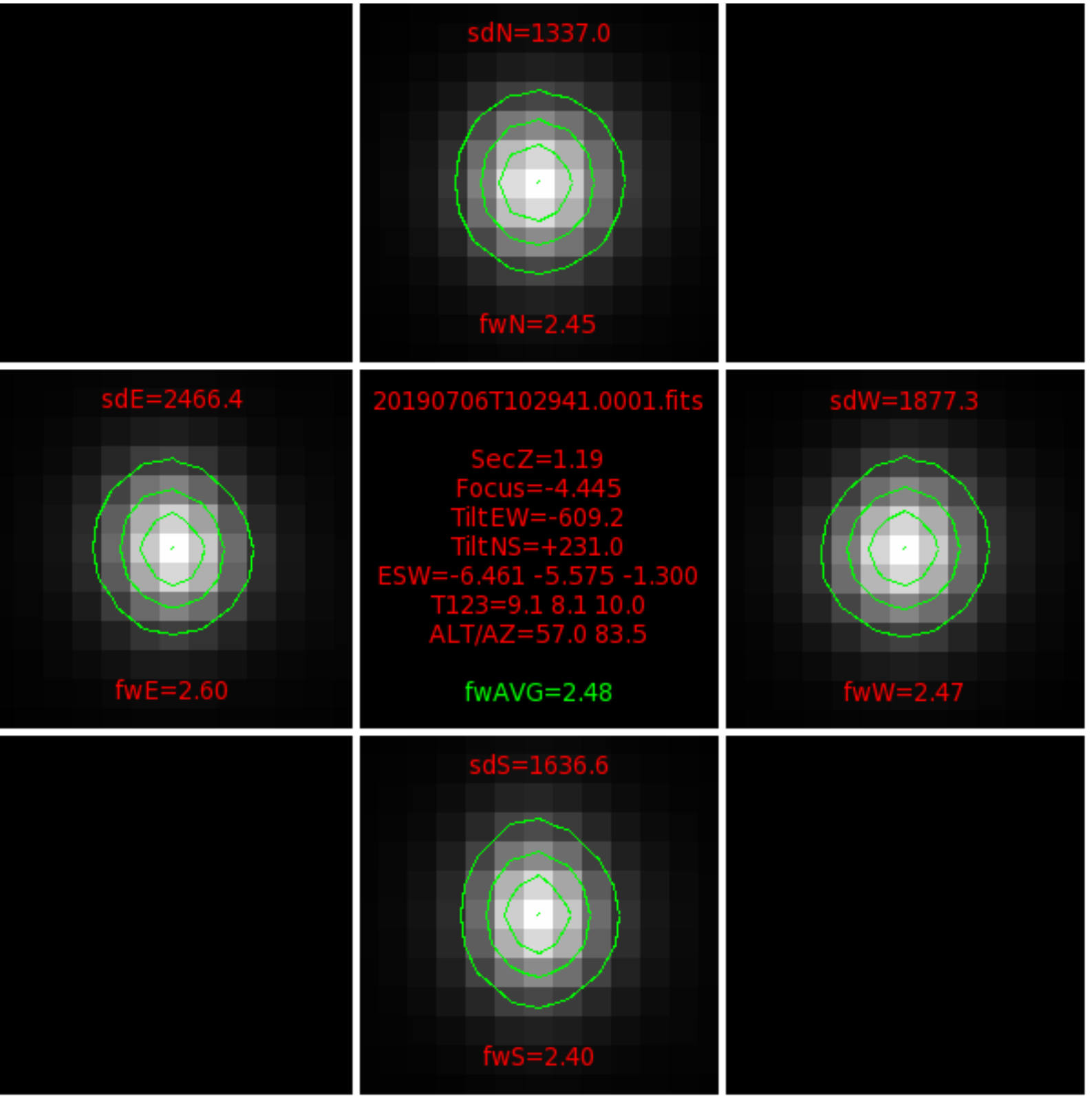
sdN=1337.0
fwN=2.45
sdE=2466.4
fwE=2.60
20190706T102941.0001.fits
SecZ=1.19
Focus=-4.445
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.461 -5.575 -1.300
T123=9.1 8.1 10.0
ALT/AZ=57.0 83.5
fwAVG=2.48
sdW=1877.3
fwW=2.47
sdS=1636.6
fwS=2.40
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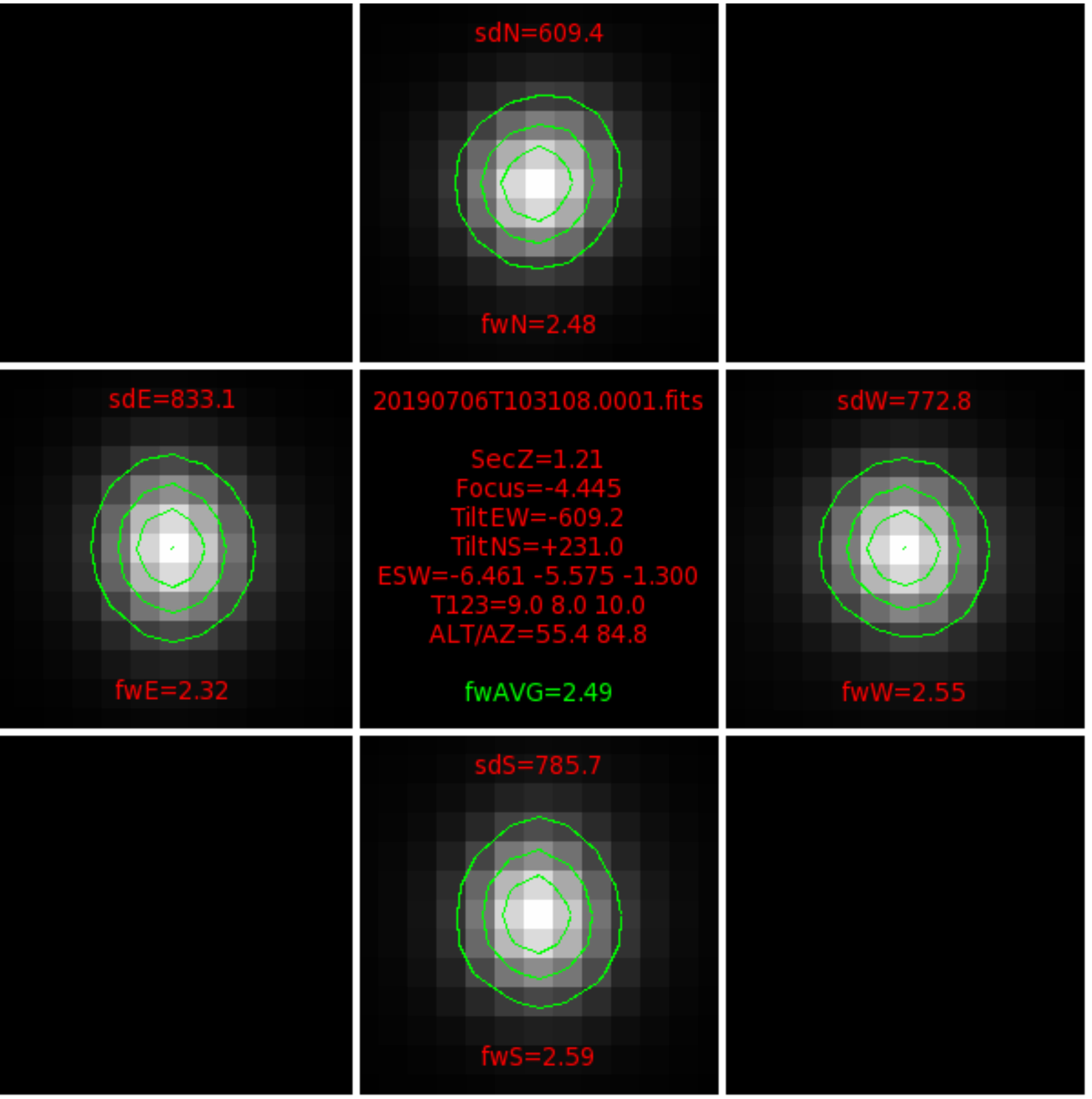
sdN=609.4
fwN=2.48
sdE=833.1
fwE=2.32
20190706T103108.0001.fits
SecZ=1.21
Focus=-4.445
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.461 -5.575 -1.300
T123=9.0 8.0 10.0
ALT/AZ=55.4 84.8
fwAVG=2.49
sdW=772.8
fwW=2.55
sdS=785.7
fwS=2.59
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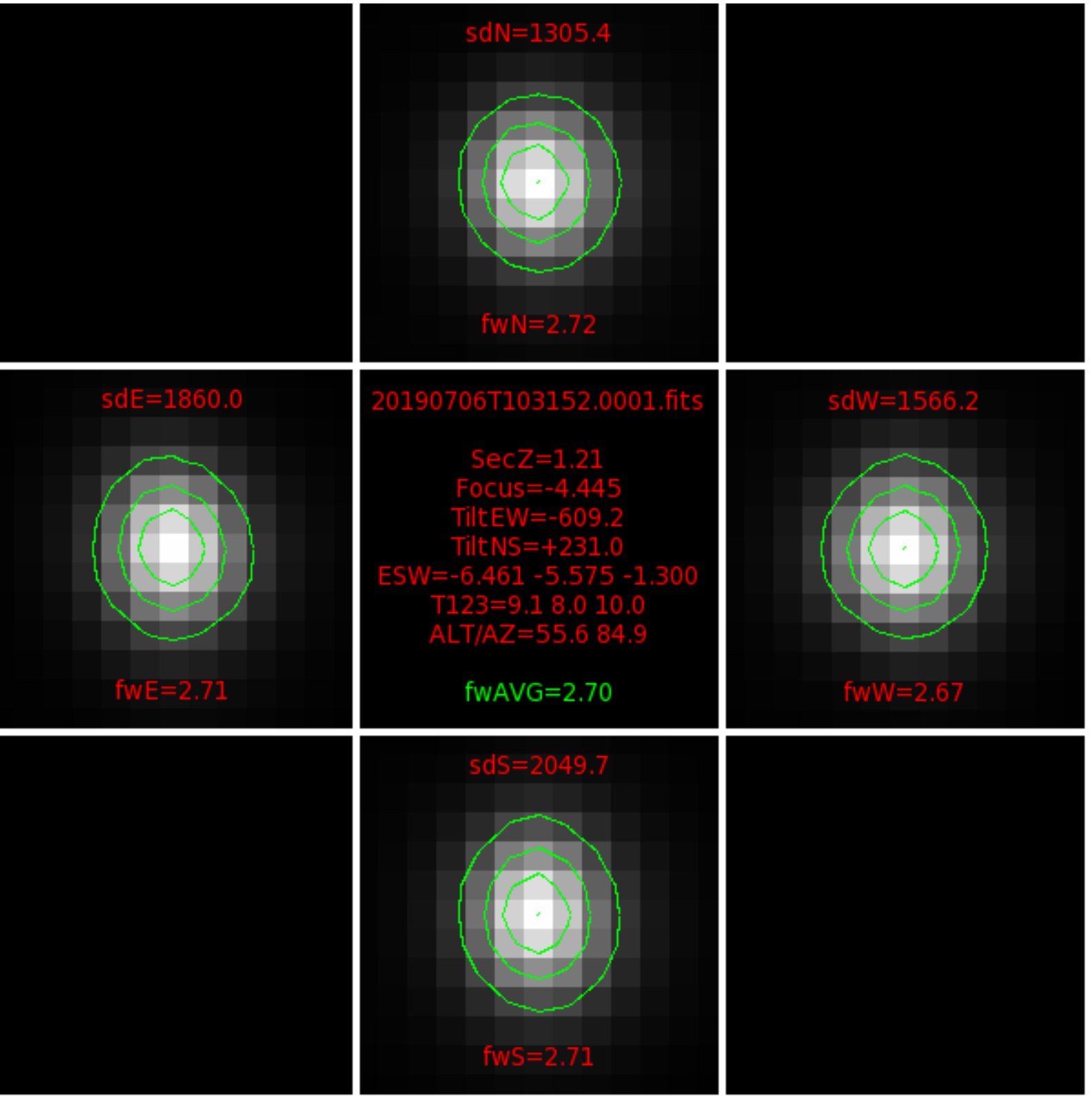
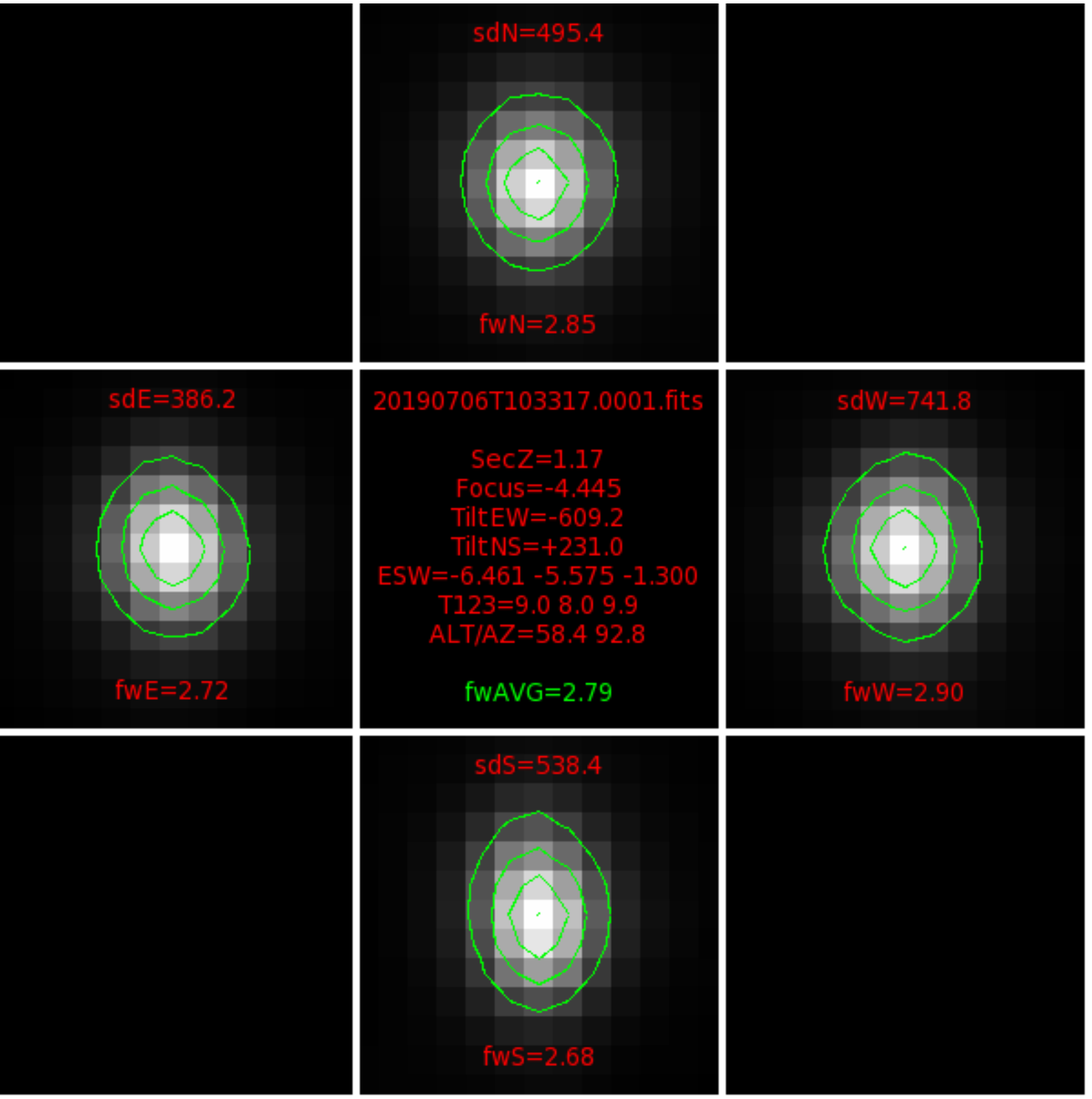

sdN=1305.4
fwN=2.72
sdE=1860.0
fwE=2.71
20190706T103152.0001.fits
SecZ=1.21
Focus=-4.445
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.461 -5.575 -1.300
T123=9.1 8.0 10.0
ALT/AZ=55.6 84.9
fwAVG=2.70
sdW=1566.2
fwW=2.67
sdS=2049.7
fwS=2.71
0 0 0 0 0 0 0 0 0


sdN=495.4
fwN=2.85
sdE=386.2
fwE=2.72
20190706T103317.0001.fits
SecZ=1.17
Focus=-4.445
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.461 -5.575 -1.300
T123=9.0 8.0 9.9
ALT/AZ=58.4 92.8
fwAVG=2.79
sdW=741.8
fwW=2.90
sdS=538.4
fwS=2.68
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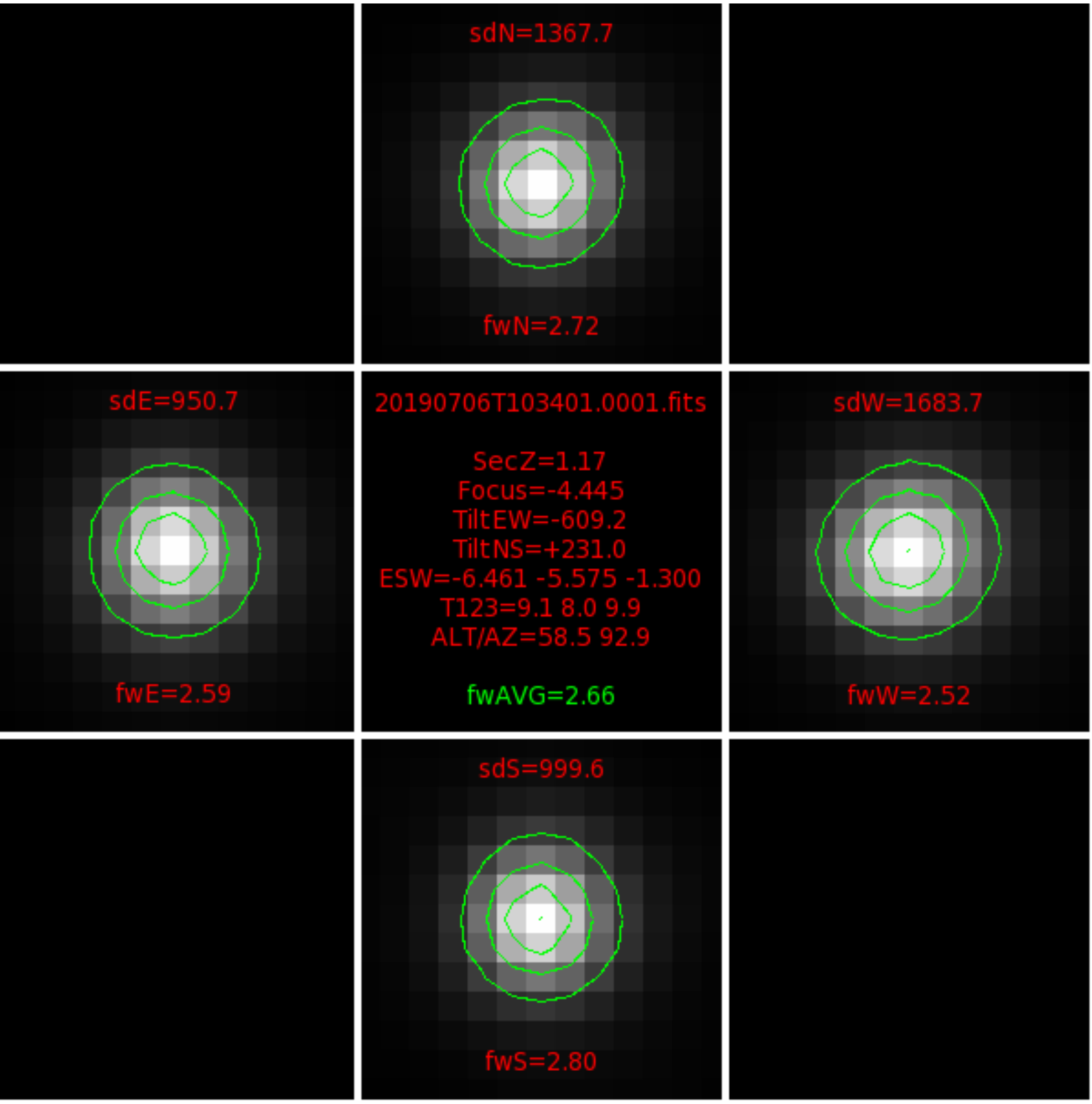
sdN=1367.7
fwN=2.72
sdE=950.7
fwE=2.59
20190706T103401.0001.fits
SecZ=1.17
Focus=-4.445
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.461 -5.575 -1.300
T123=9.1 8.0 9.9
ALT/AZ=58.5 92.9
fwAVG=2.66
sdW=1683.7
fwW=2.52
sdS=999.6
fwS=2.80
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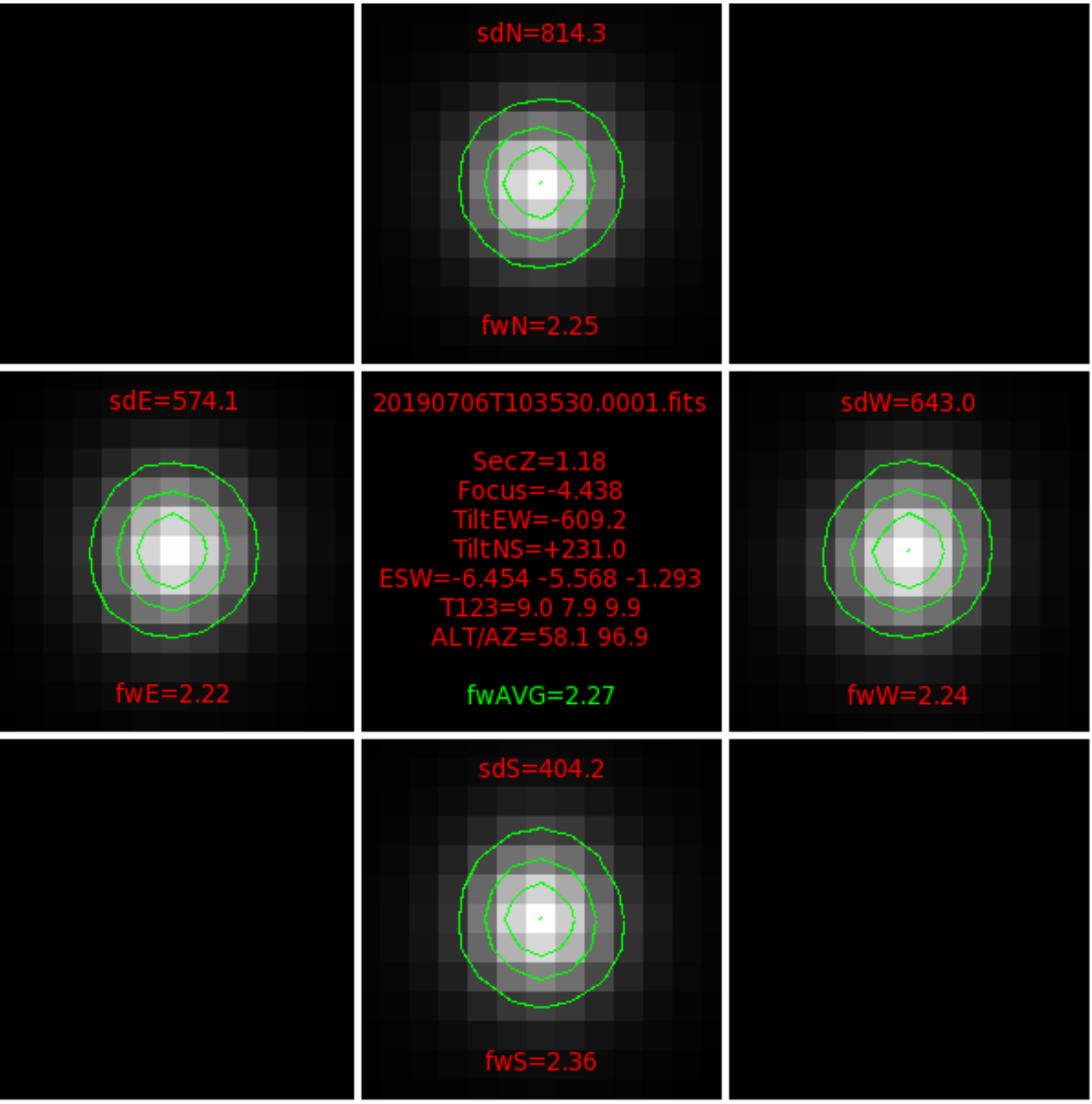
sdN=814.3
fwN=2.25
sdE=574.1
fwE=2.22
20190706T103530.0001.fits
SecZ=1.18
Focus=-4.438
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.454 -5.568 -1.293
T123=9.0 7.9 9.9
ALT/AZ=58.1 96.9
fwAVG=2.27
sdW=643.0
fwW=2.24
sdS=404.2
fwS=2.36
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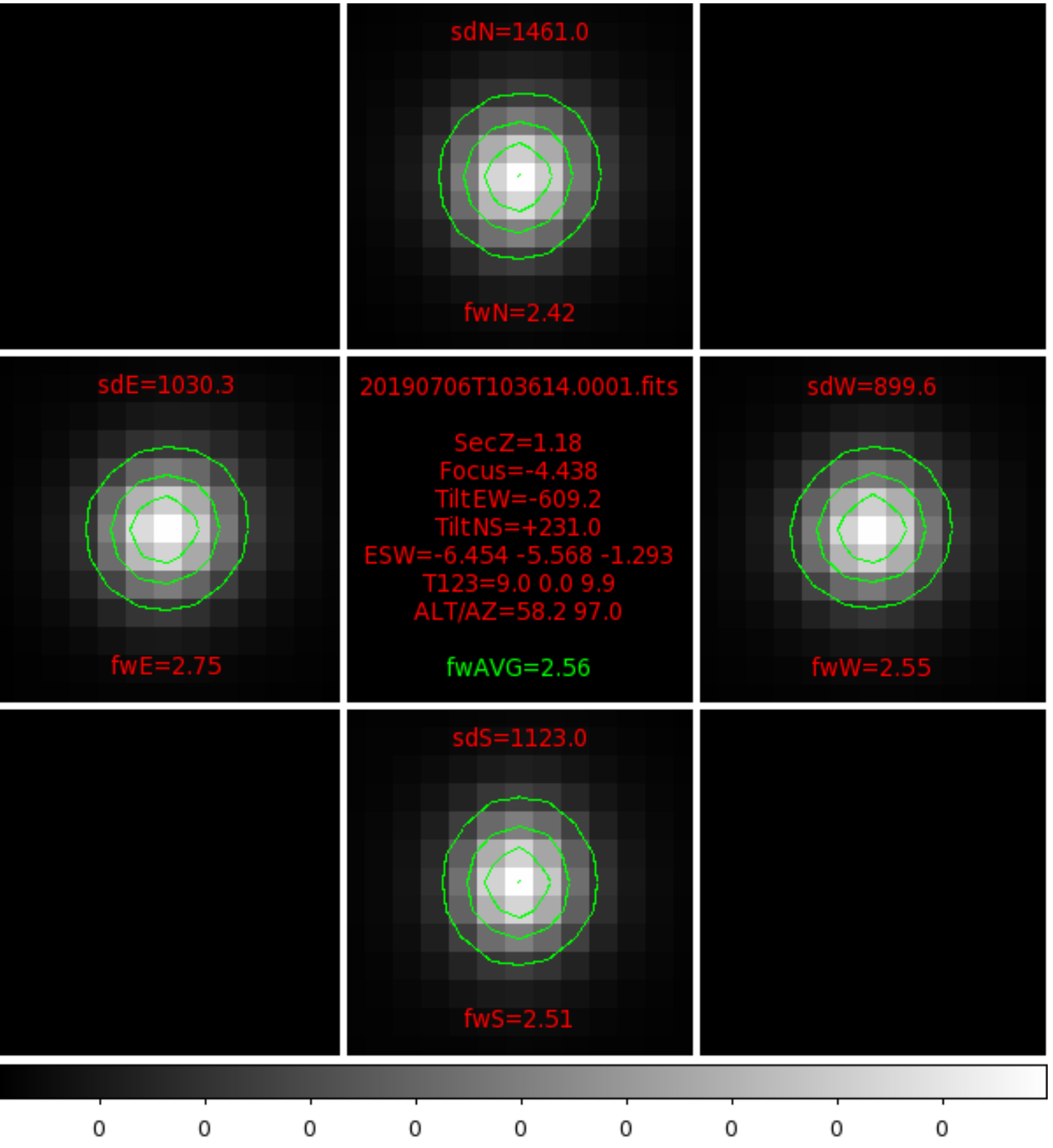
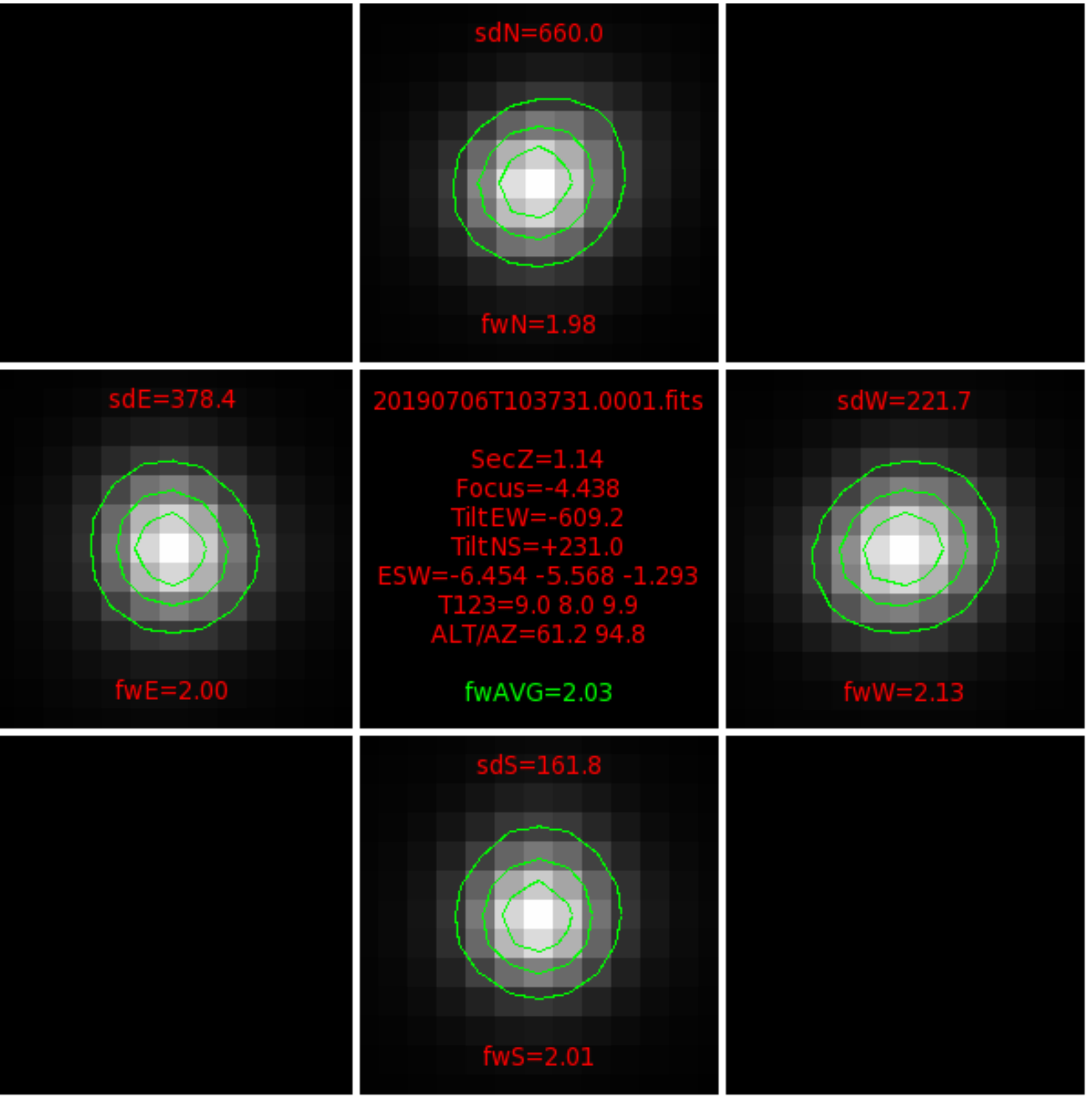

sdN=1461.0
fwN=2.42
sdE=1030.3
fwE=2.75
20190706T103614.0001.fits
SecZ=1.18
Focus=-4.438
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.454 -5.568 -1.293
T123=9.0 0.0 9.9
ALT/AZ=58.2 97.0
fwAVG=2.56
sdW=899.6
fwW=2.55
sdS=1123.0
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=660.0
fwN=1.98
sdE=378.4
fwE=2.00
20190706T103731.0001.fits
SecZ=1.14
Focus=-4.438
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.454 -5.568 -1.293
T123=9.0 8.0 9.9
ALT/AZ=61.2 94.8
fwAVG=2.03
sdW=221.7
fwW=2.13
sdS=161.8
fwS=2.01
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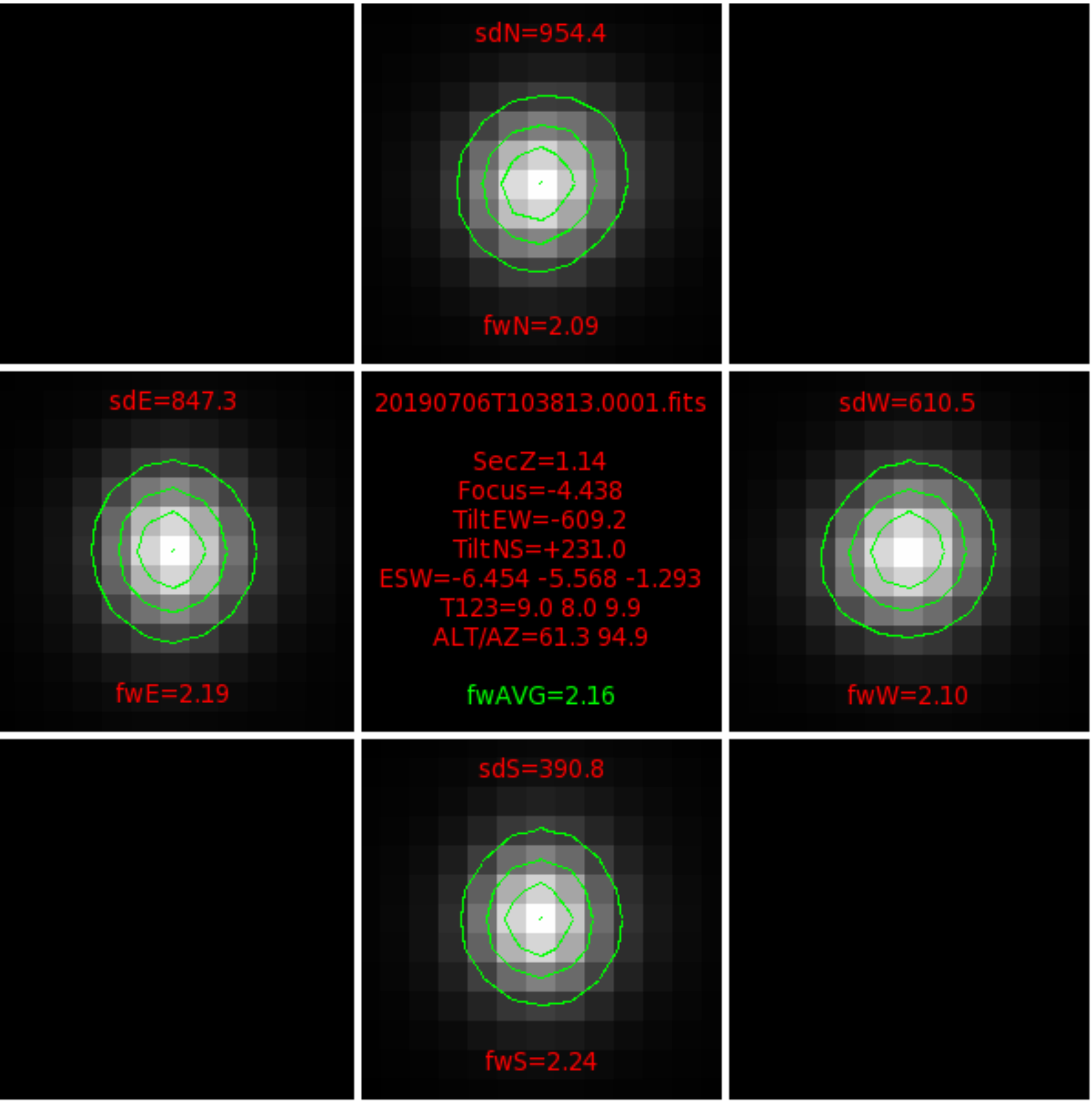
sdN=954.4
fwN=2.09
sdE=847.3
fwE=2.19
20190706T103813.0001.fits
SecZ=1.14
Focus=-4.438
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.454 -5.568 -1.293
T123=9.0 8.0 9.9
ALT/AZ=61.3 94.9
fwAVG=2.16
sdW=610.5
fwW=2.10
sdS=390.8
fwS=2.24
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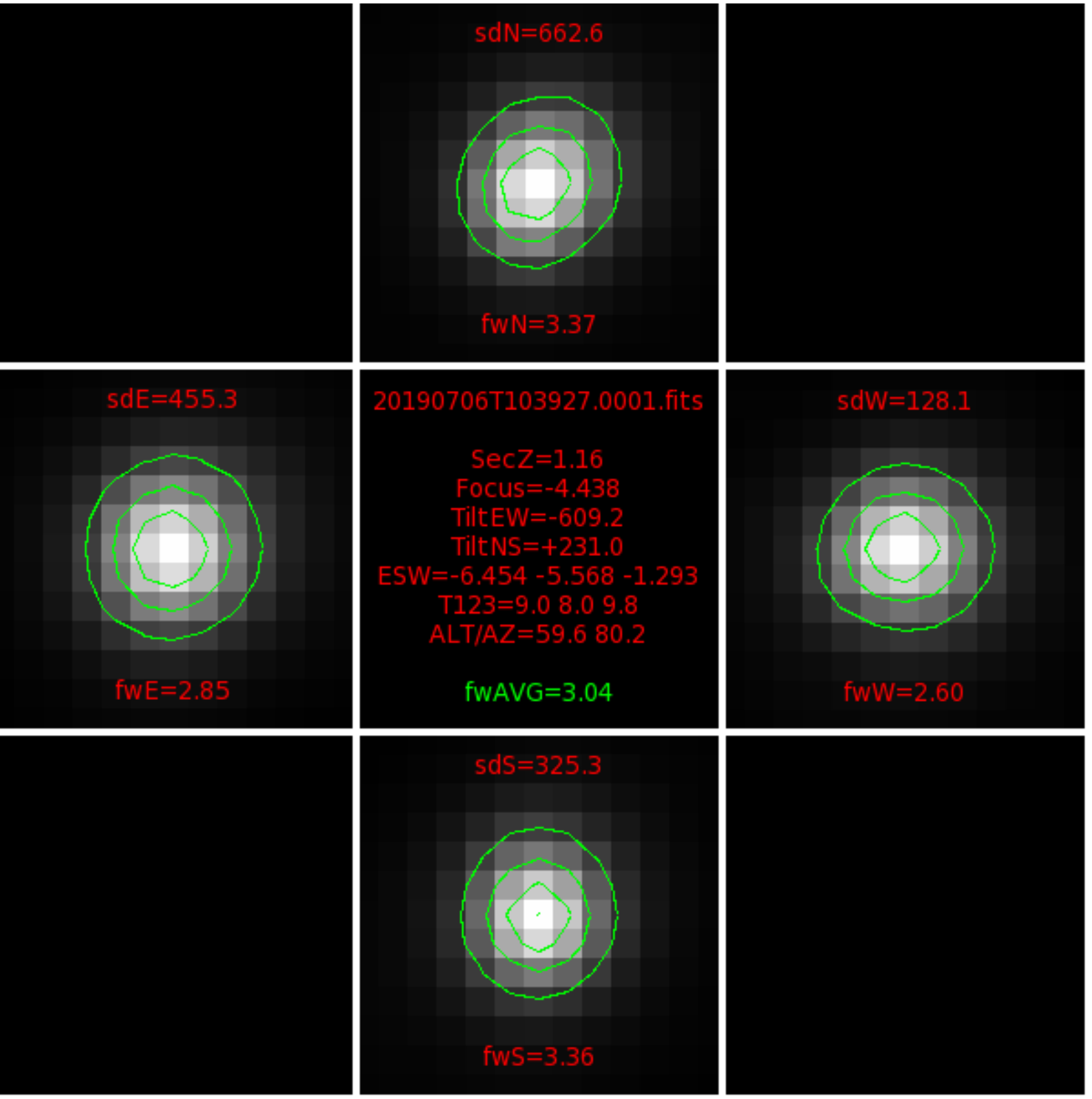
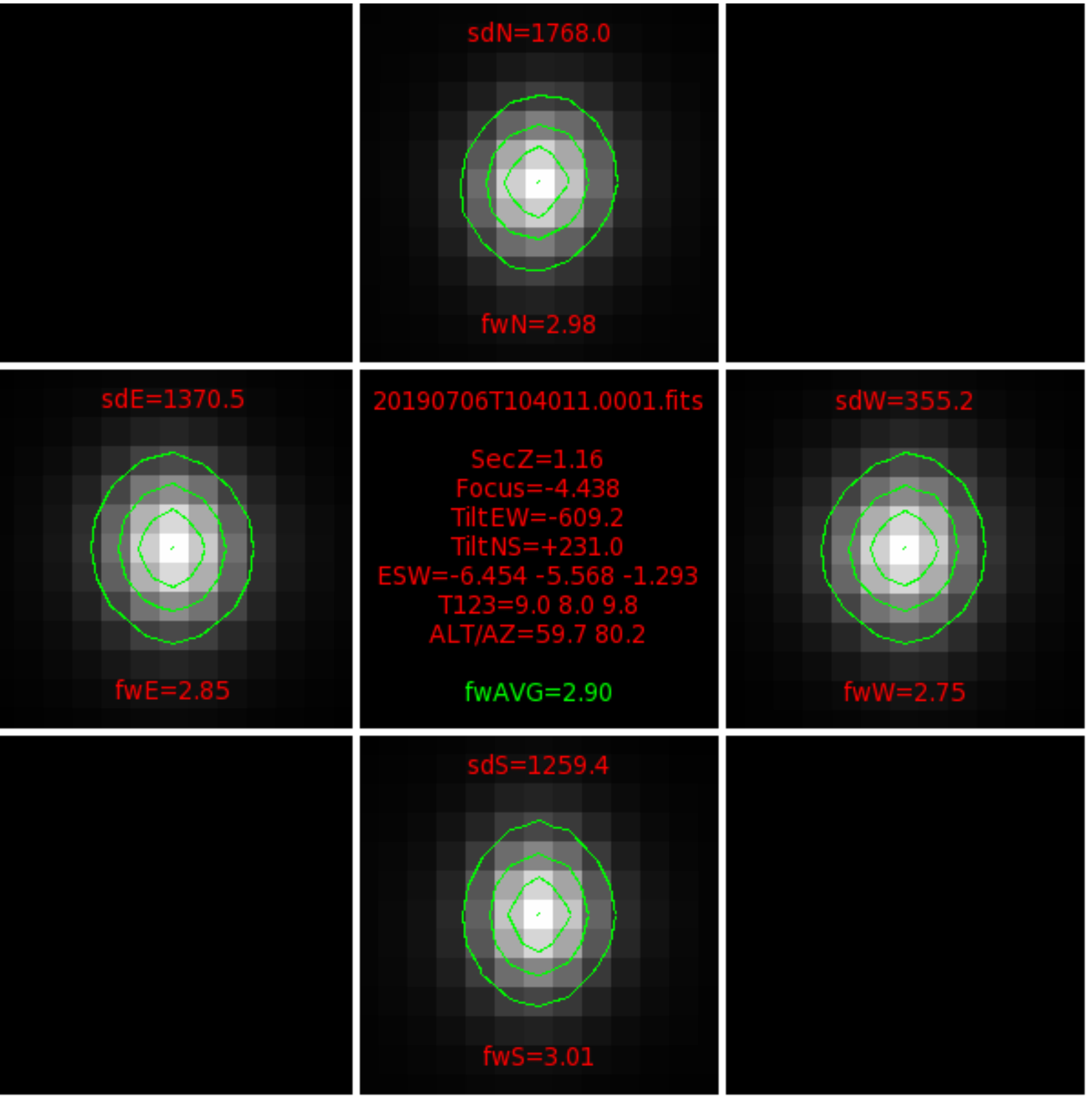

sdN=662.6
fwN=3.37
sdE=455.3
fwE=2.85
20190706T103927.0001.fits
SecZ=1.16
Focus=-4.438
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.454 -5.568 -1.293
T123=9.0 8.0 9.8
ALT/AZ=59.6 80.2
fwAVG=3.04
sdW=128.1
fwW=2.60
sdS=325.3
fwS=3.36
0 0 0 0 0 0 0 0 0


sdN=1768.0
fwN=2.98
sdE=1370.5
fwE=2.85
20190706T104011.0001.fits
SecZ=1.16
Focus=-4.438
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.454 -5.568 -1.293
T123=9.0 8.0 9.8
ALT/AZ=59.7 80.2
fwAVG=2.90
sdW=355.2
fwW=2.75
sdS=1259.4
fwS=3.01
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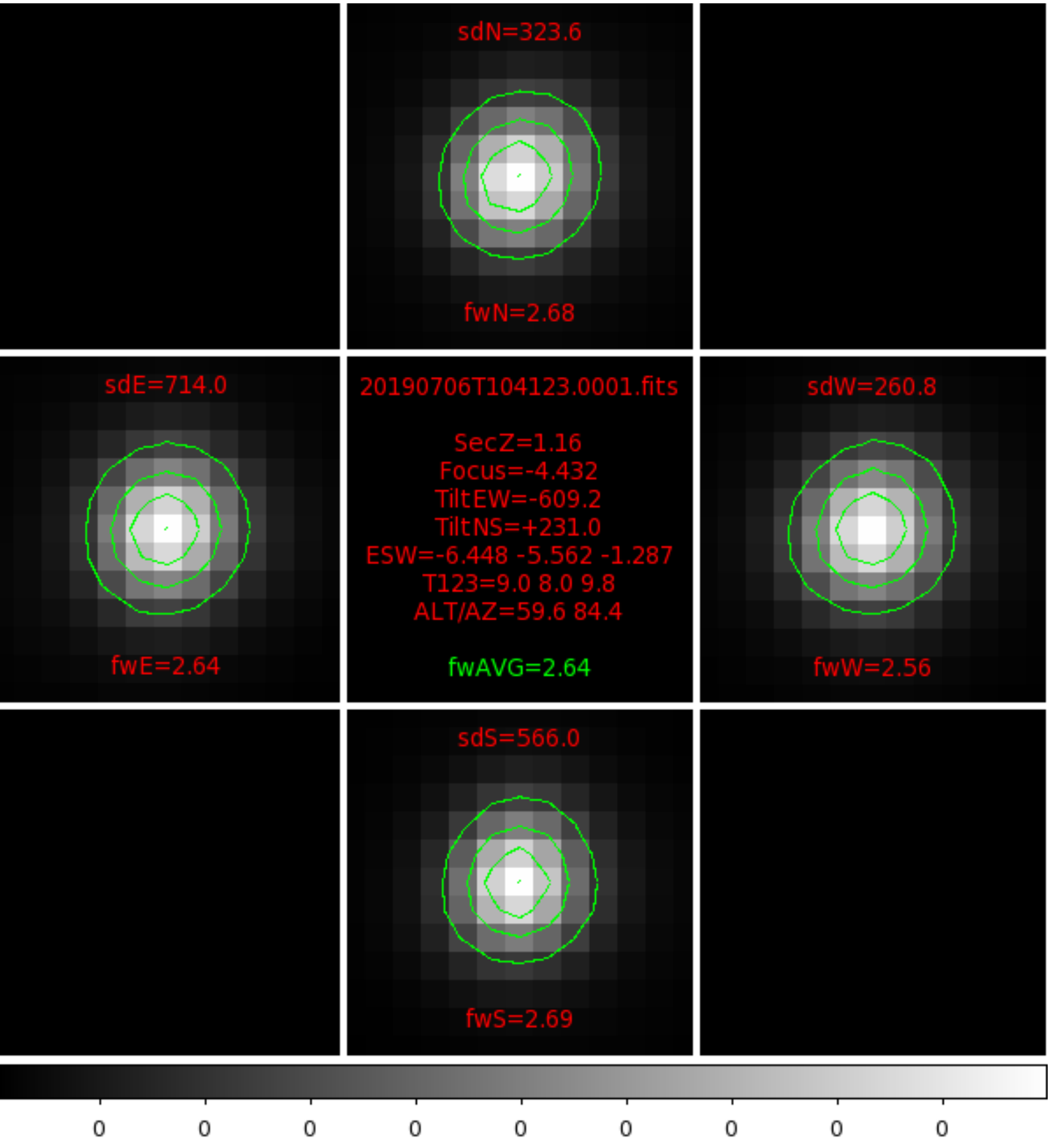
sdN=323.6
fwN=2.68
sdE=714.0
fwE=2.64
20190706T104123.0001.fits
SecZ=1.16
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.0 8.0 9.8
ALT/AZ=59.6 84.4
fwAVG=2.64
sdW=260.8
fwW=2.56
sdS=566.0
fwS=2.69
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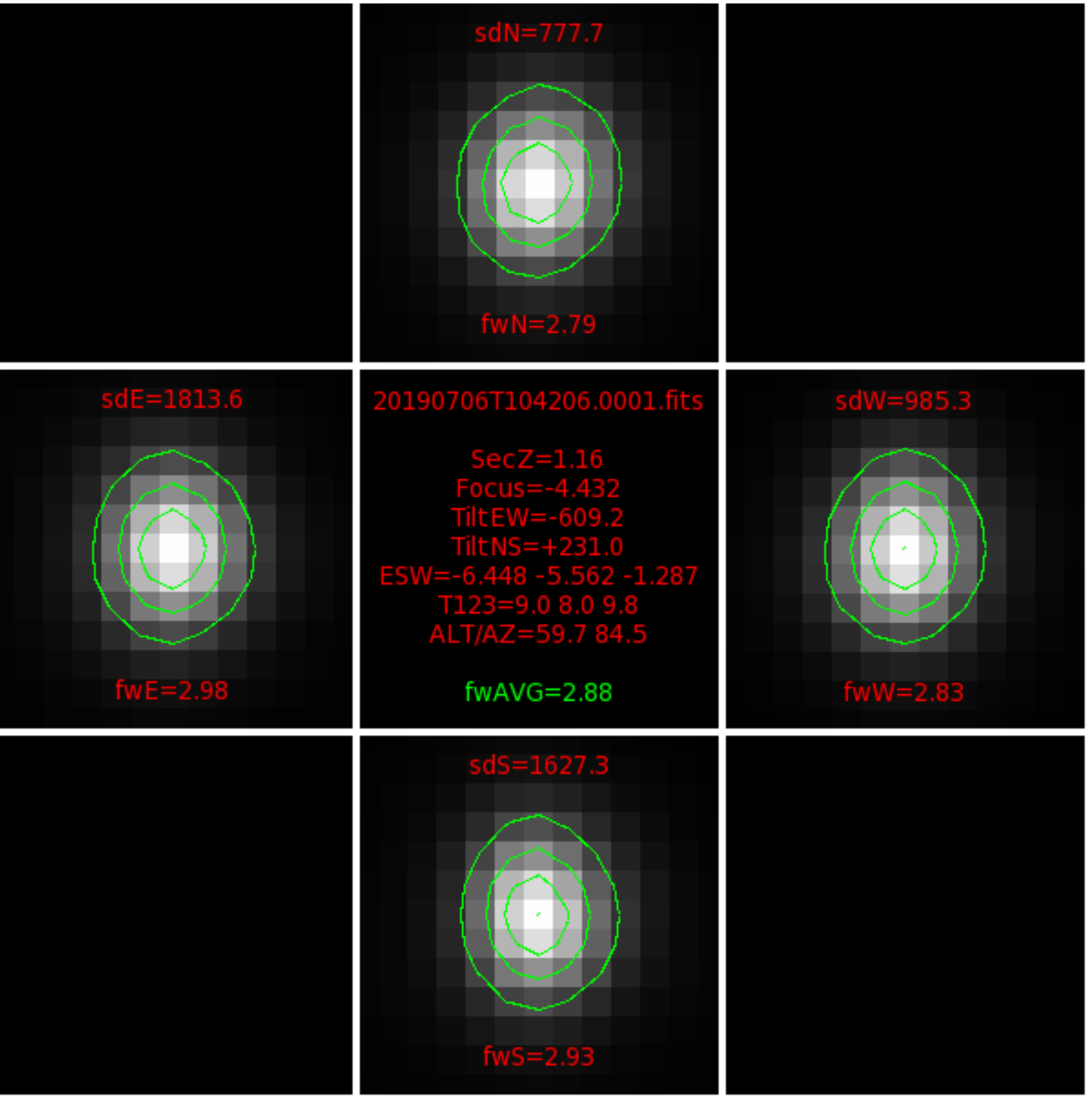
sdN=777.7
fwN=2.79
sdE=1813.6
fwE=2.98
20190706T104206.0001.fits
SecZ=1.16
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.0 8.0 9.8
ALT/AZ=59.7 84.5
fwAVG=2.88
sdW=985.3
fwW=2.83
sdS=1627.3
fwS=2.93
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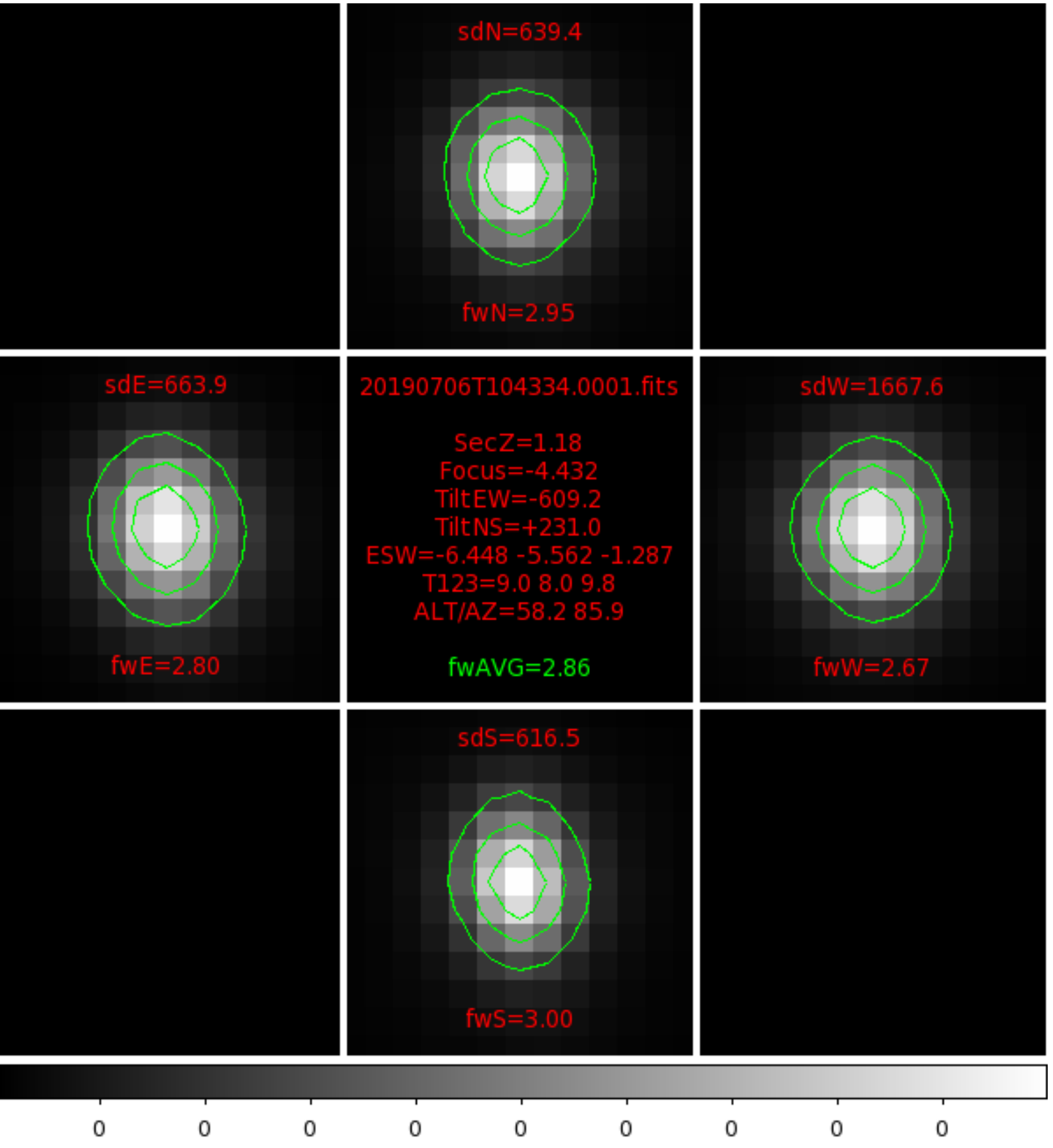
sdN=639.4
fwN=2.95
sdE=663.9
fwE=2.80
20190706T104334.0001.fits
SecZ=1.18
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.0 8.0 9.8
ALT/AZ=58.2 85.9
fwAVG=2.86
sdW=1667.6
fwW=2.67
sdS=616.5
fwS=3.00
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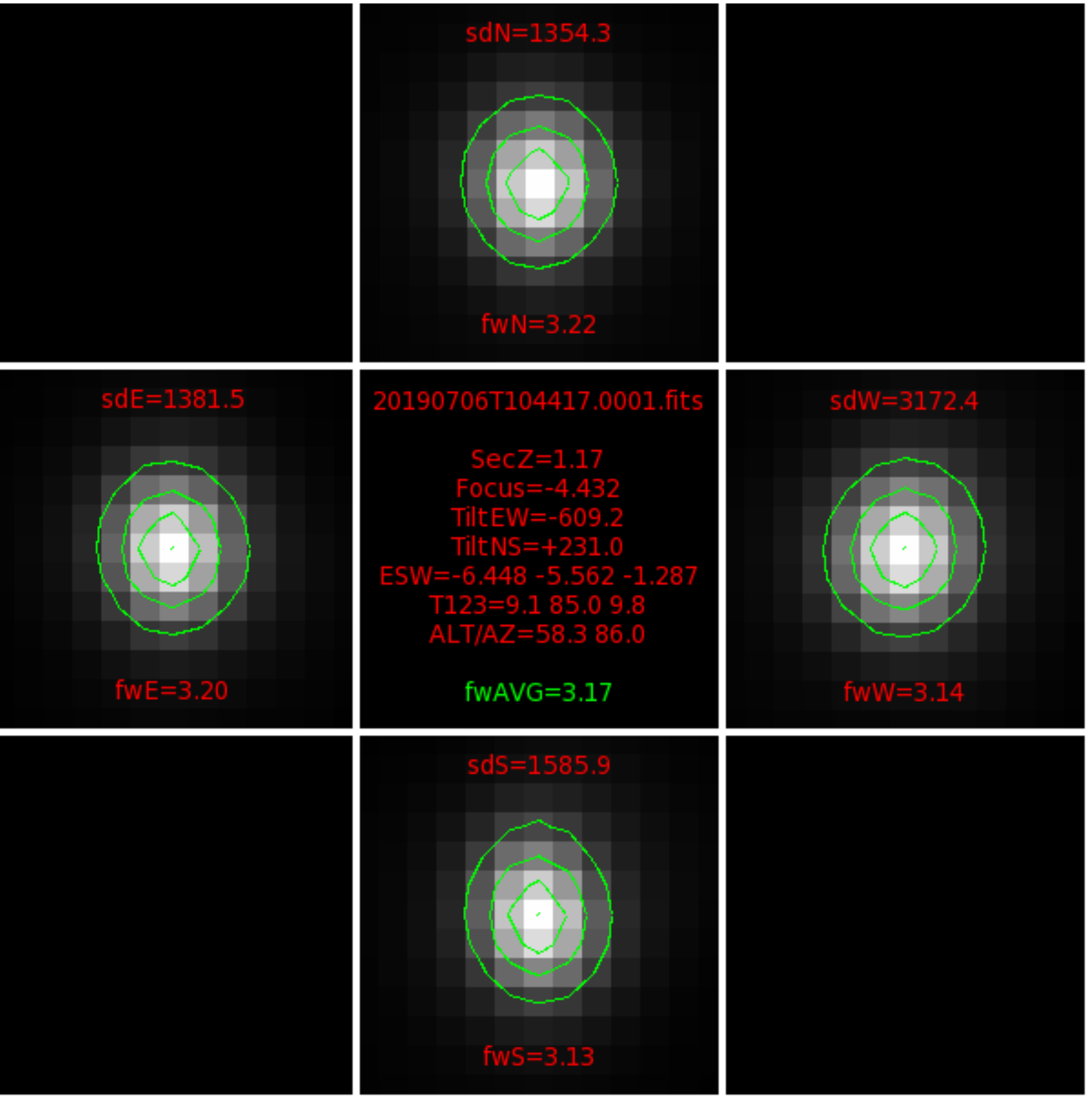
sdN=1354.3
fwN=3.22
sdE=1381.5
fwE=3.20
20190706T104417.0001.fits
SecZ=1.17
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.1 85.0 9.8
ALT/AZ=58.3 86.0
fwAVG=3.17
sdW=3172.4
fwW=3.14
sdS=1585.9
fwS=3.13
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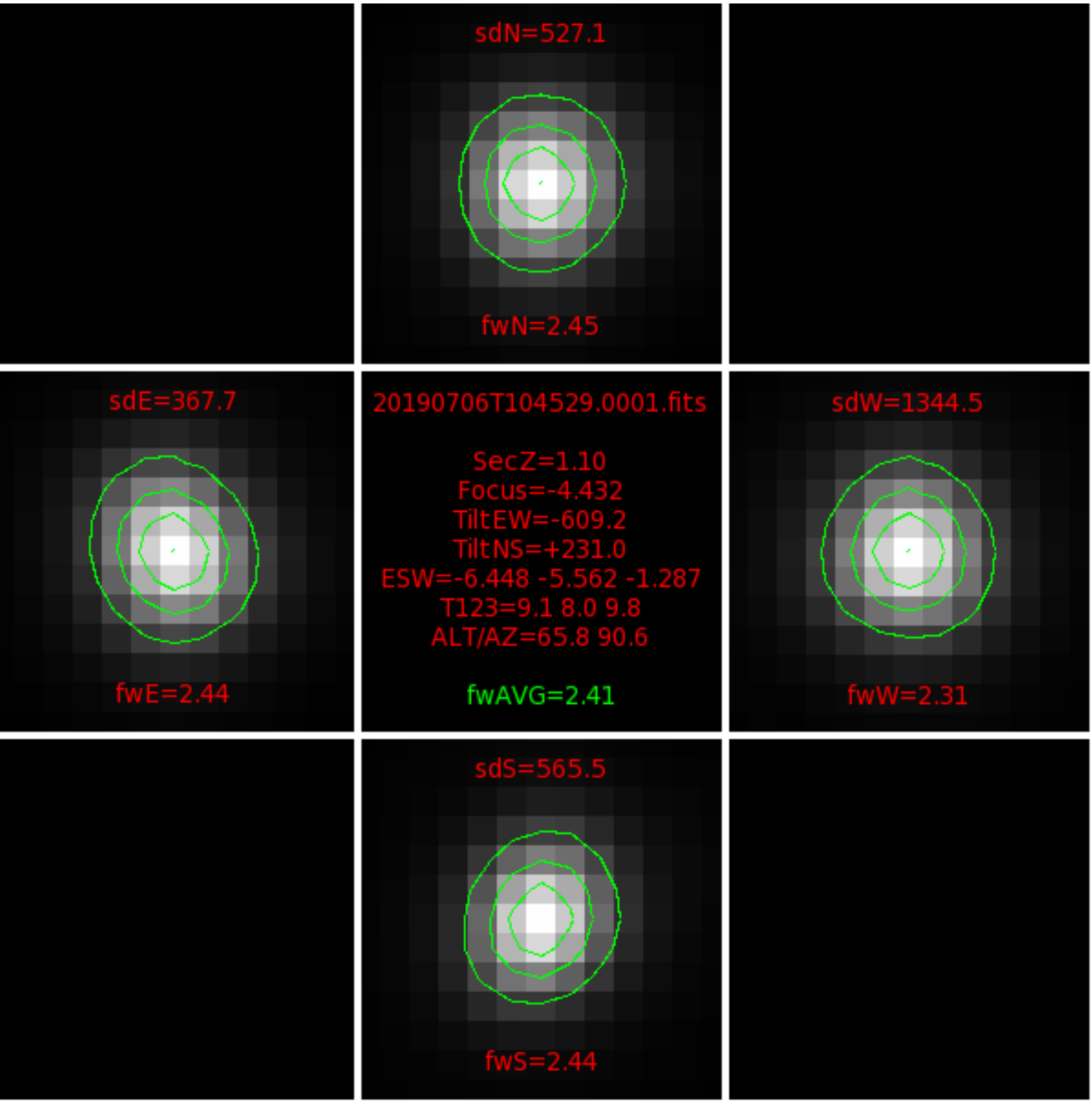
sdN=527.1
fwN=2.45
sdE=367.7
fwE=2.44
20190706T104529.0001.fits
SecZ=1.10
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.1 8.0 9.8
ALT/AZ=65.8 90.6
fwAVG=2.41
sdW=1344.5
fwW=2.31
sdS=565.5
fwS=2.44
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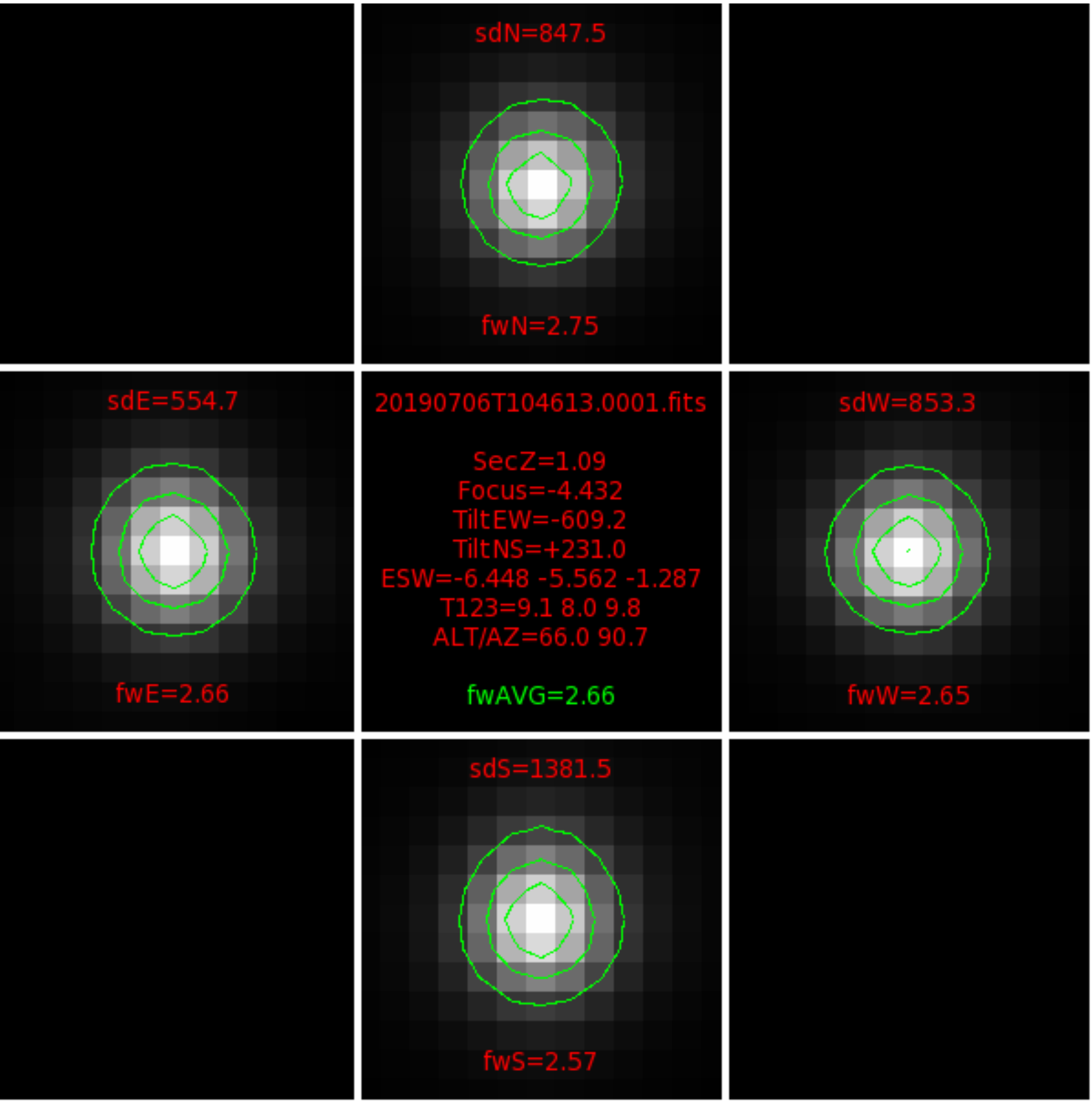
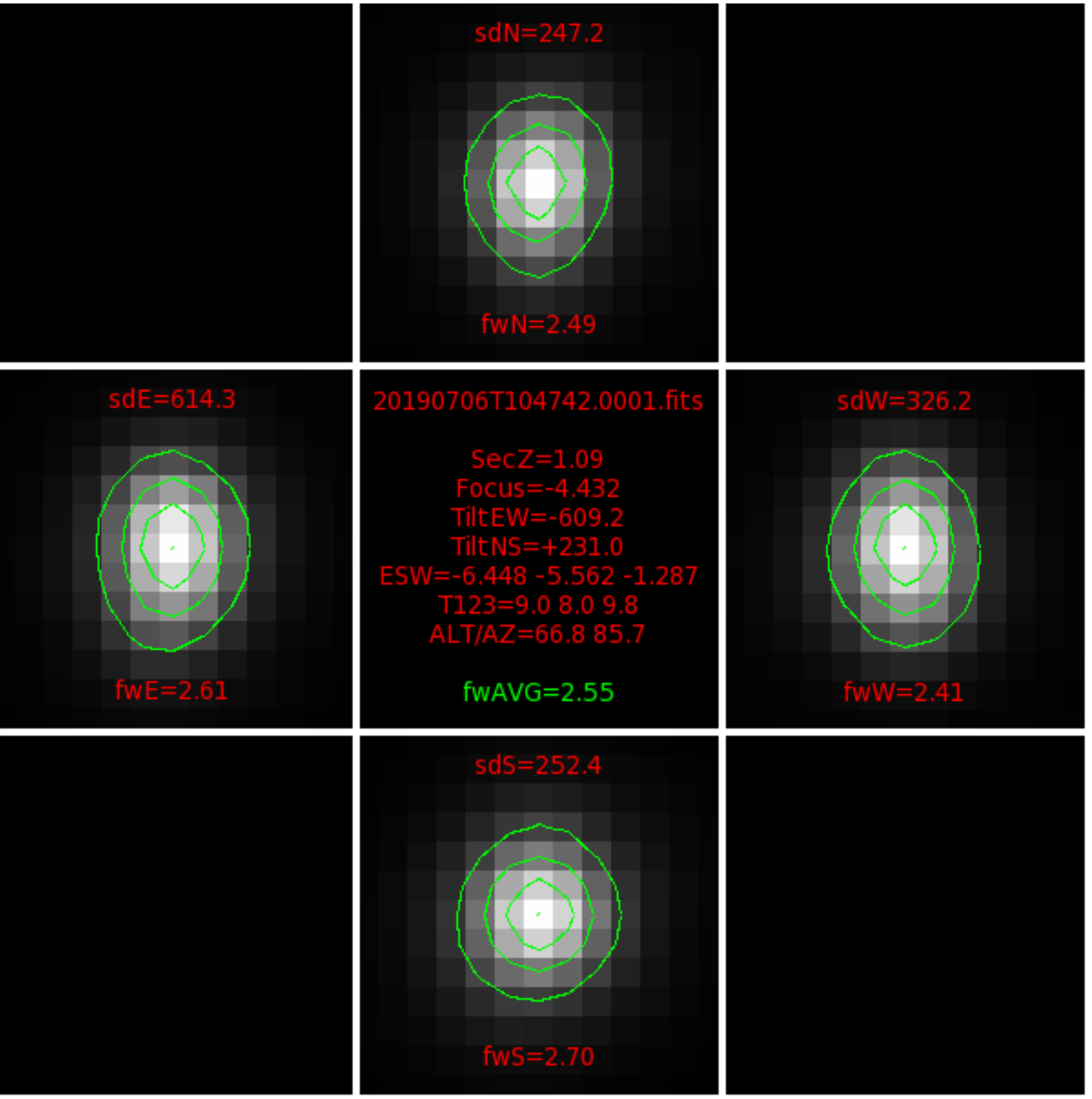
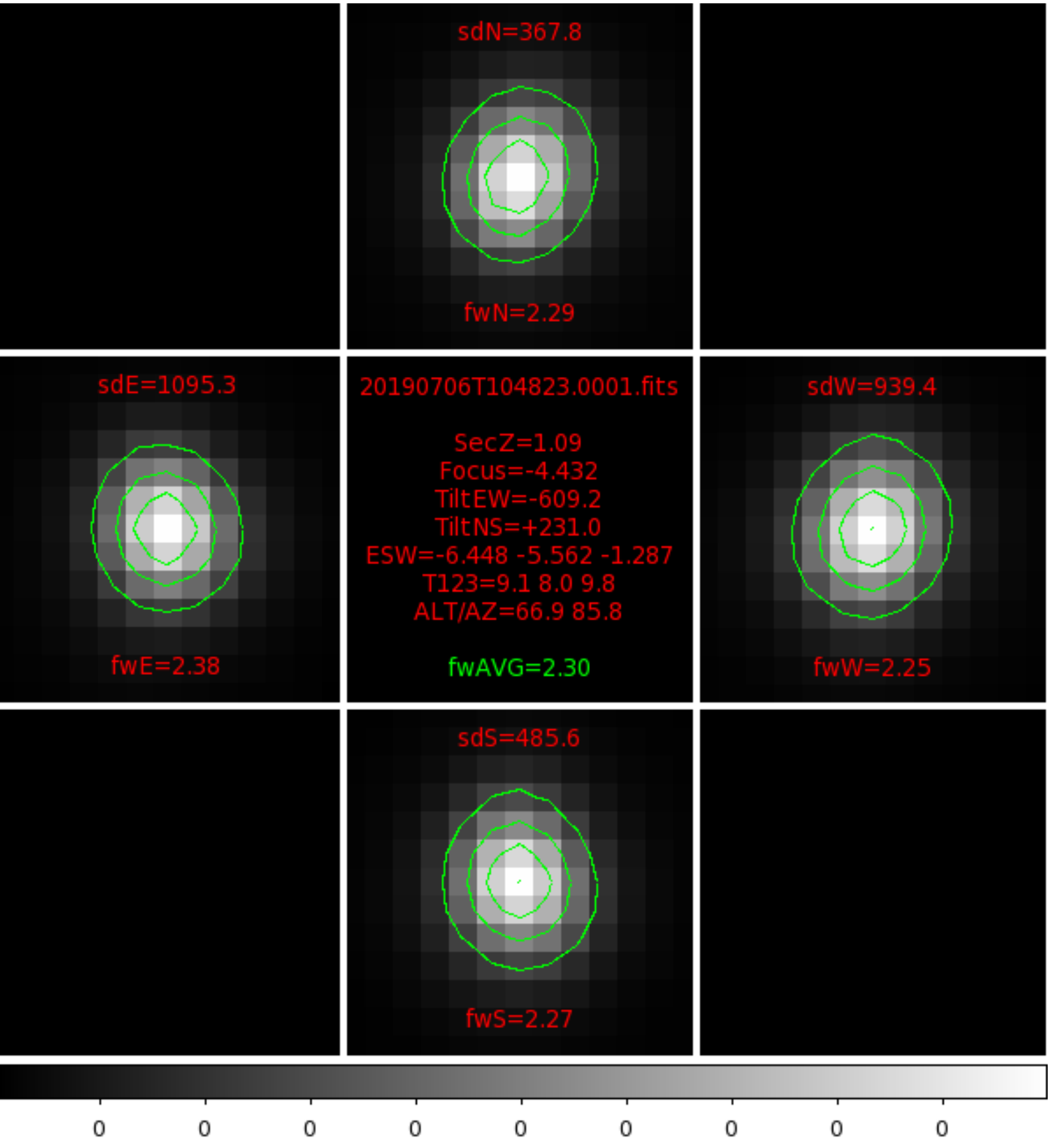

sdN=847.5
fwN=2.75
sdE=554.7
fwE=2.66
20190706T104613.0001.fits
SecZ=1.09
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.1 8.0 9.8
ALT/AZ=66.0 90.7
fwAVG=2.66
sdW=853.3
fwW=2.65
sdS=1381.5
fwS=2.57
0 0 0 0 0 0 0 0 0


sdN=247.2
fwN=2.49
sdE=614.3
fwE=2.61
20190706T104742.0001.fits
SecZ=1.09
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.0 8.0 9.8
ALT/AZ=66.8 85.7
fwAVG=2.55
sdW=326.2
fwW=2.41
sdS=252.4
fwS=2.70
0 0 0 0 0 0 0 0 0


sdN=367.8
fwN=2.29
sdE=1095.3
fwE=2.38
20190706T104823.0001.fits
SecZ=1.09
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.1 8.0 9.8
ALT/AZ=66.9 85.8
fwAVG=2.30
sdW=939.4
fwW=2.25
sdS=485.6
fwS=2.27
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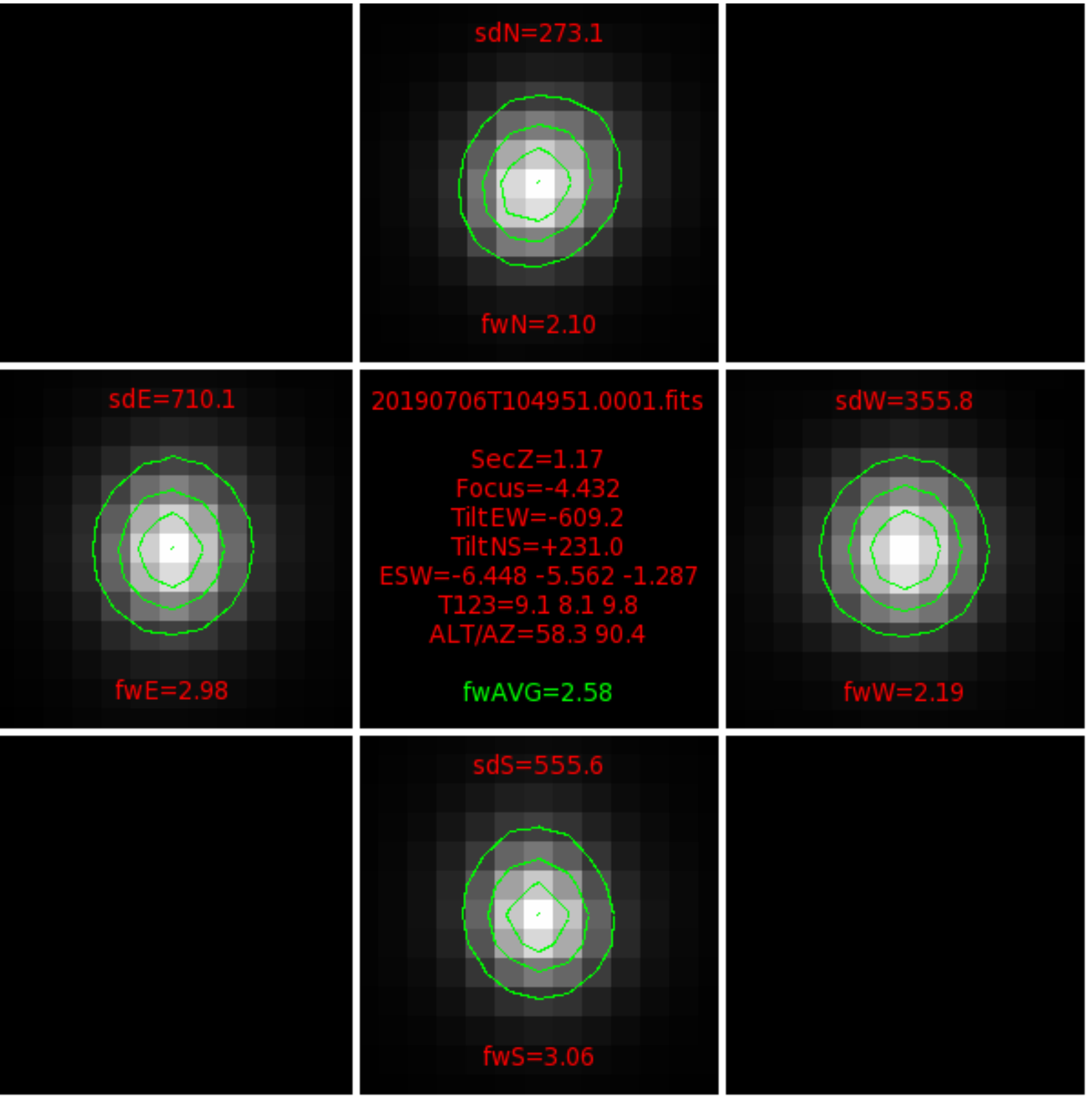
sdN=273.1
fwN=2.10
sdE=710.1
fwE=2.98
20190706T104951.0001.fits
SecZ=1.17
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.1 8.1 9.8
ALT/AZ=58.3 90.4
fwAVG=2.58
sdW=355.8
fwW=2.19
sdS=555.6
fwS=3.06
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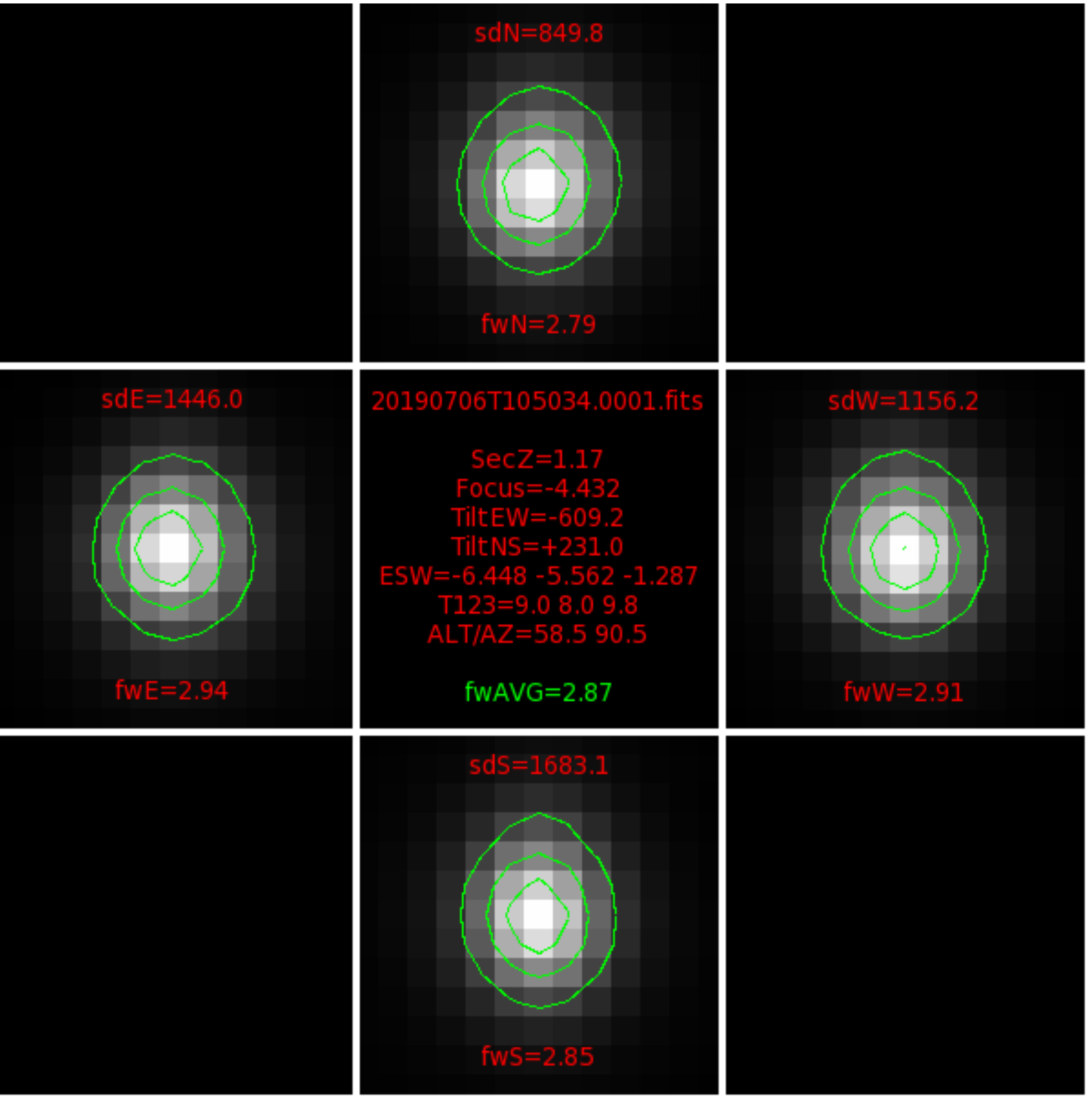
sdN=849.8
fwN=2.79
sdE=1446.0
fwE=2.94
20190706T105034.0001.fits
SecZ=1.17
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.0 8.0 9.8
ALT/AZ=58.5 90.5
fwAVG=2.87
sdW=1156.2
fwW=2.91
sdS=1683.1
fwS=2.85
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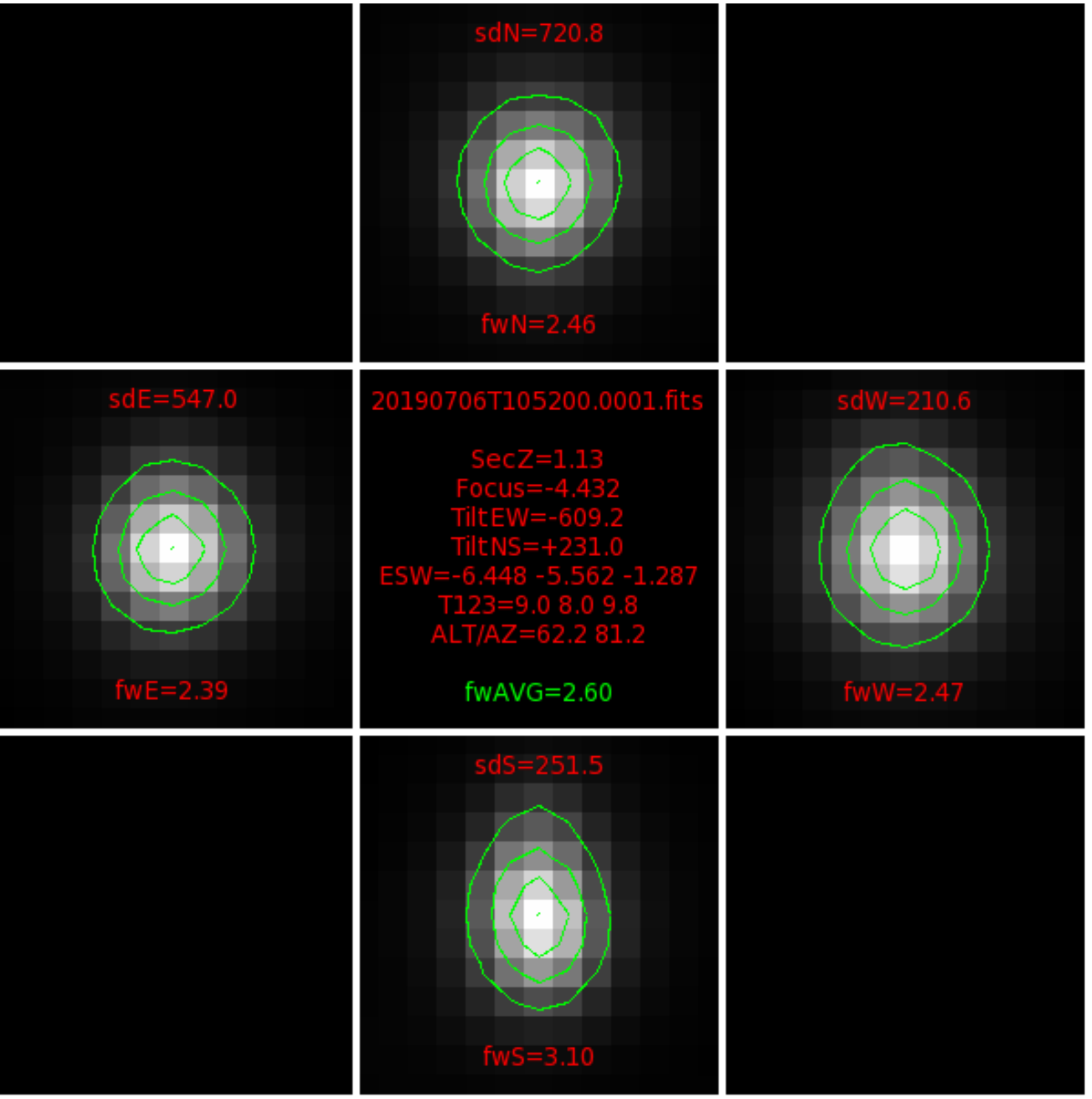
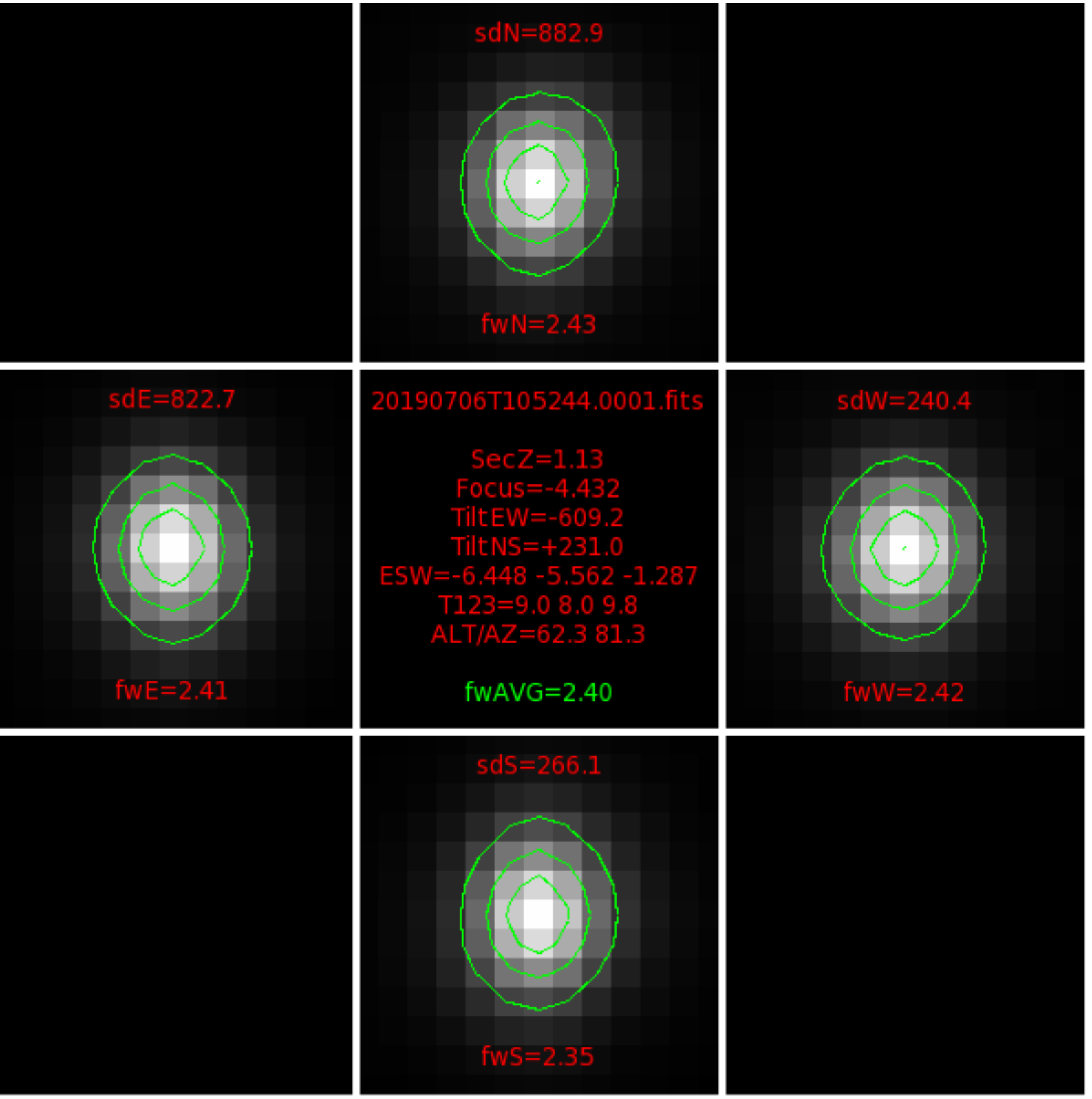

sdN=720.8
fwN=2.46
sdE=547.0
fwE=2.39
20190706T105200.0001.fits
SecZ=1.13
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.0 8.0 9.8
ALT/AZ=62.2 81.2
fwAVG=2.60
sdW=210.6
fwW=2.47
sdS=251.5
fwS=3.10
0 0 0 0 0 0 0 0 0


sdN=882.9
fwN=2.43
sdE=822.7
fwE=2.41
20190706T105244.0001.fits
SecZ=1.13
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.0 8.0 9.8
ALT/AZ=62.3 81.3
fwAVG=2.40
sdW=240.4
fwW=2.42
sdS=266.1
fwS=2.35
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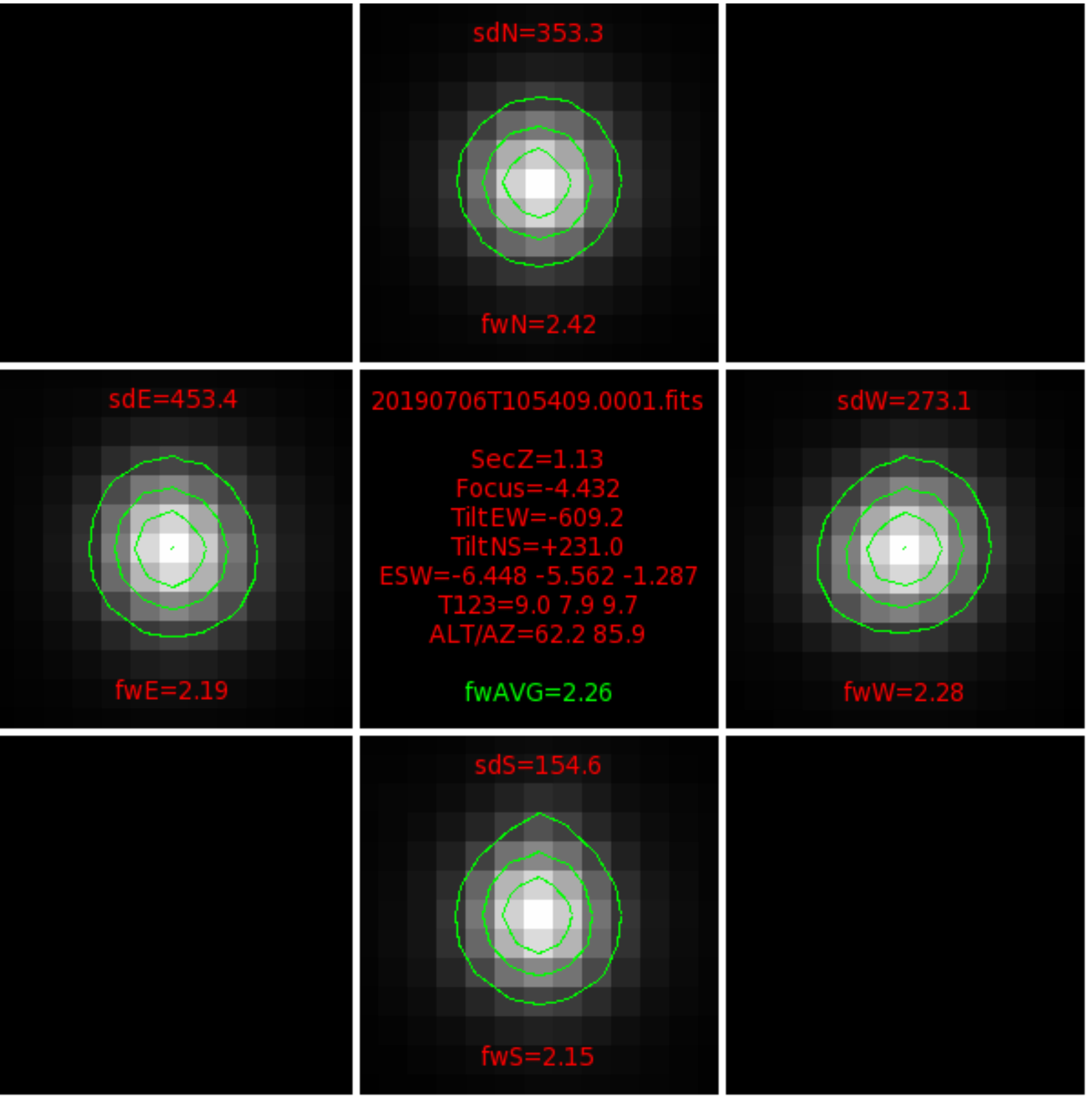
sdN=353.3
fwN=2.42
sdE=453.4
fwE=2.19
20190706T105409.0001.fits
SecZ=1.13
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.0 7.9 9.7
ALT/AZ=62.2 85.9
fwAVG=2.26
sdW=273.1
fwW=2.28
sdS=154.6
fwS=2.15
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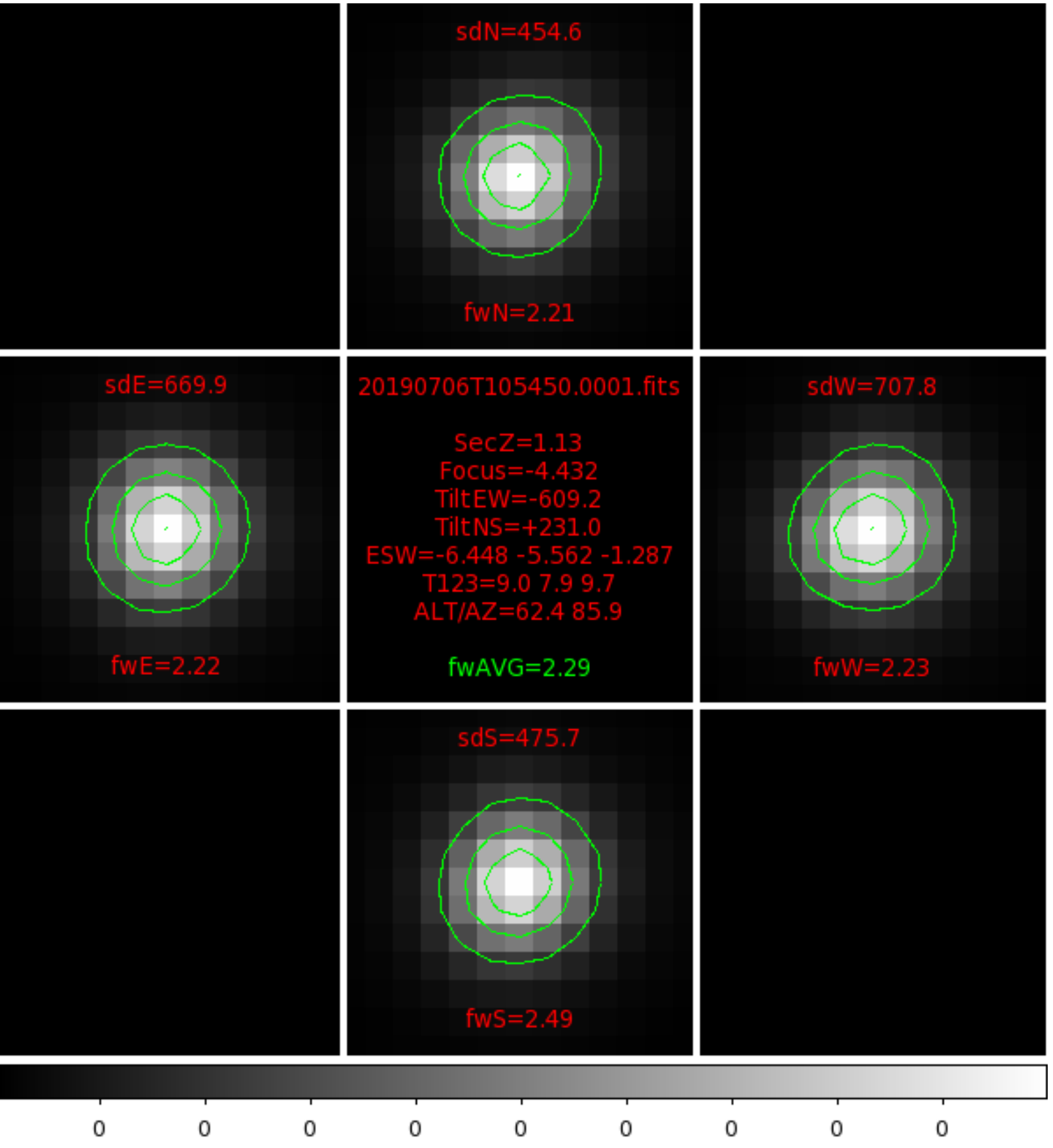
sdN=454.6
fwN=2.21
sdE=669.9
fwE=2.22
20190706T105450.0001.fits
SecZ=1.13
Focus=-4.432
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.448 -5.562 -1.287
T123=9.0 7.9 9.7
ALT/AZ=62.4 85.9
fwAVG=2.29
sdW=707.8
fwW=2.23
sdS=475.7
fwS=2.49
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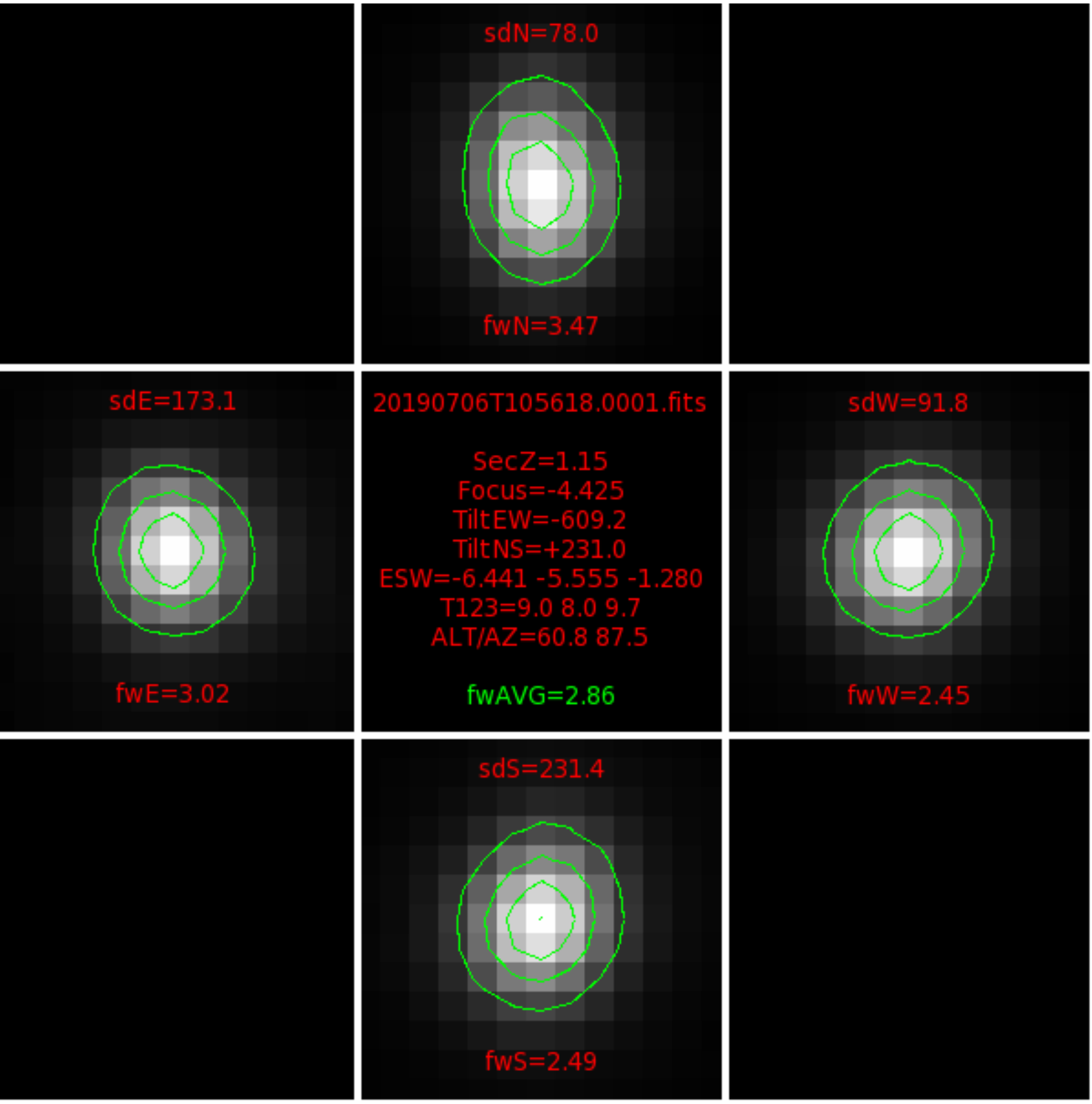
sdN=78.0
fwN=3.47
sdE=173.1
fwE=3.02
20190706T105618.0001.fits
SecZ=1.15
Focus=-4.425
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.441 -5.555 -1.280
T123=9.0 8.0 9.7
ALT/AZ=60.8 87.5
fwAVG=2.86
sdW=91.8
fwW=2.45
sdS=231.4
fwS=2.49
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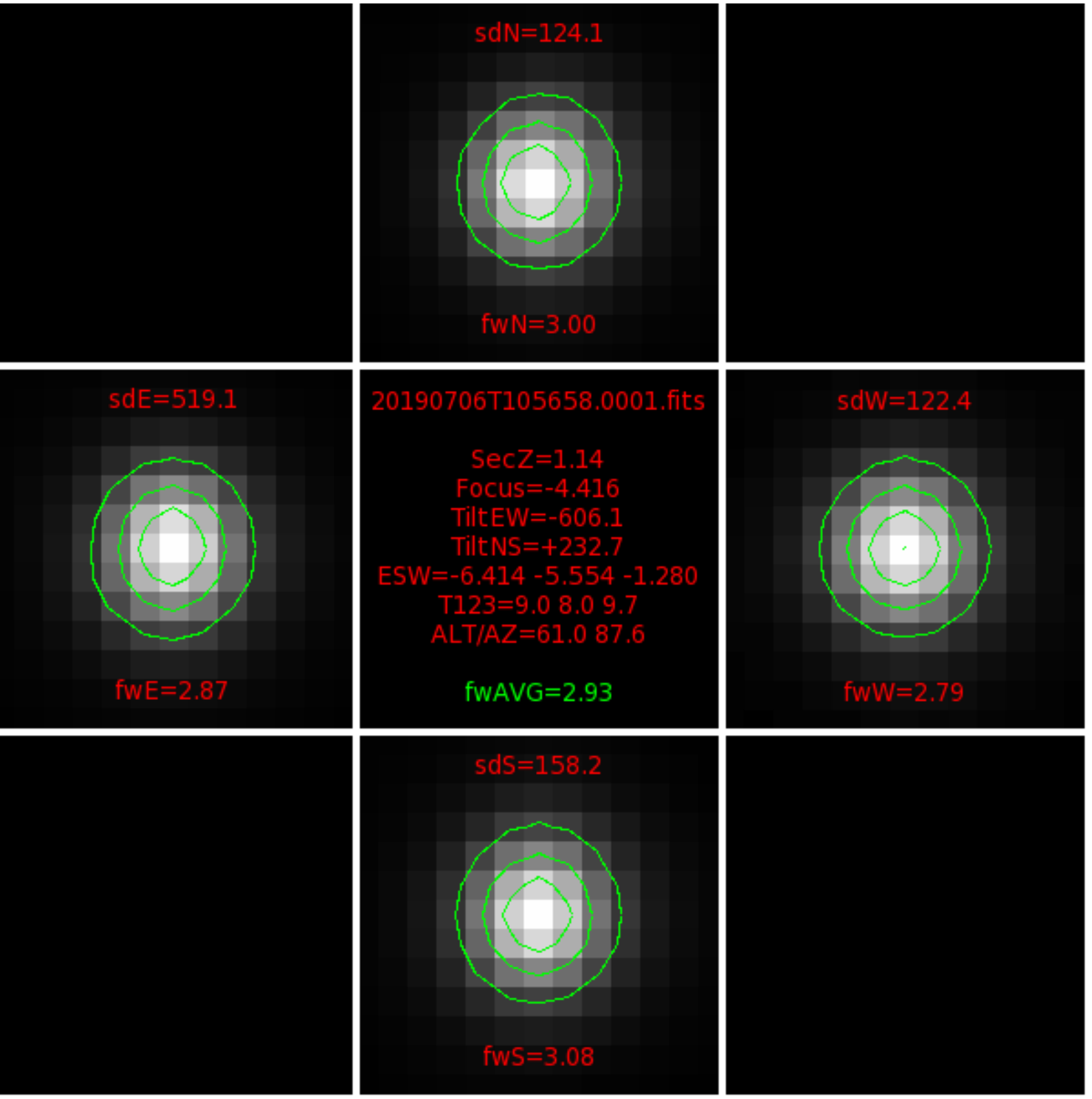
sdN=124.1
fwN=3.00
sdE=519.1
fwE=2.87
20190706T105658.0001.fits
SecZ=1.14
Focus=-4.416
TiltEW=-606.1
TiltNS=+232.7
ESW=-6.414 -5.554 -1.280
T123=9.0 8.0 9.7
ALT/AZ=61.0 87.6
fwAVG=2.93
sdW=122.4
fwW=2.79
sdS=158.2
fwS=3.08
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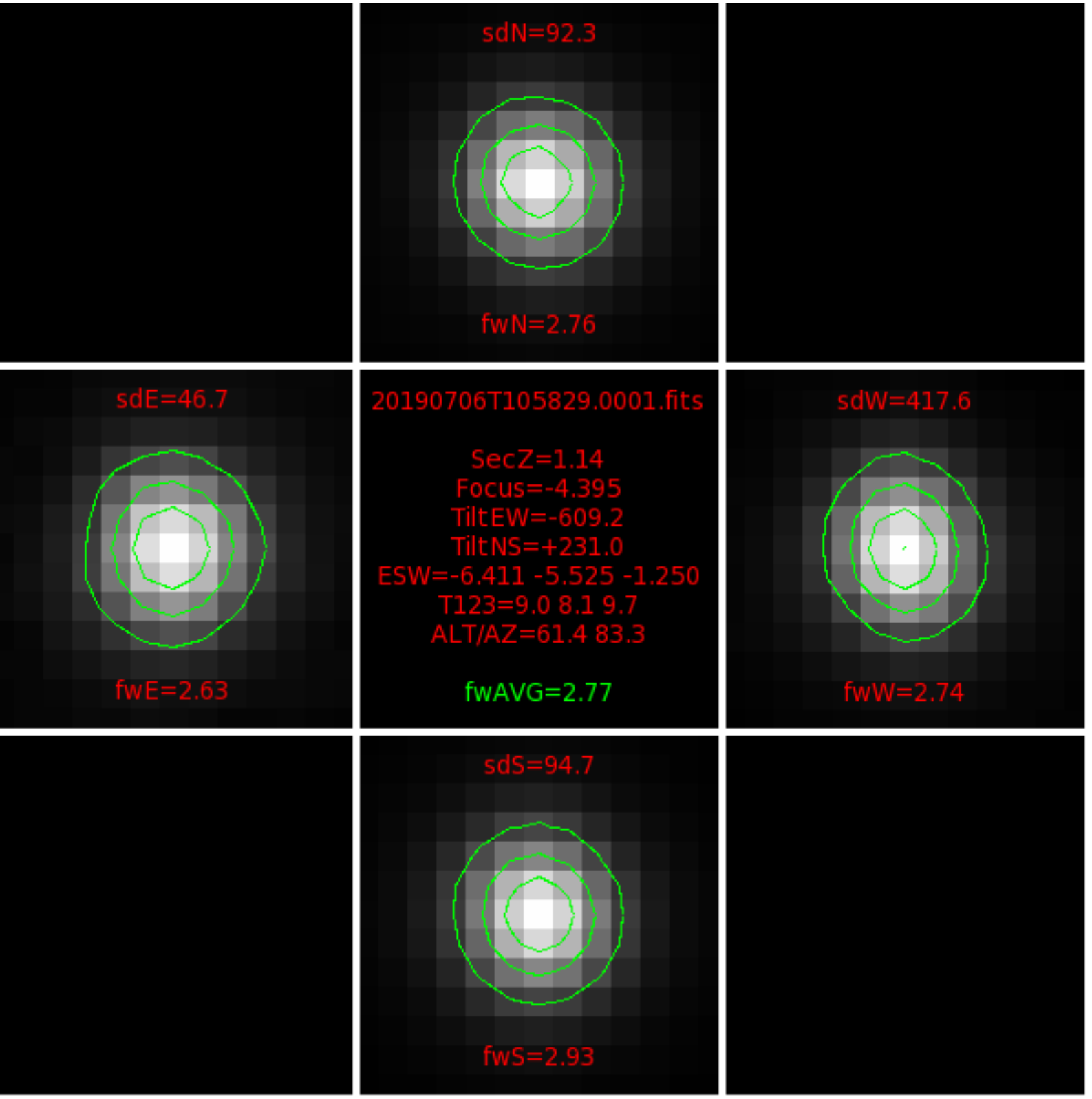
sdN=92.3
fwN=2.76
sdE=46.7
fwE=2.63
20190706T105829.0001.fits
SecZ=1.14
Focus=-4.395
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.411 -5.525 -1.250
T123=9.0 8.1 9.7
ALT/AZ=61.4 83.3
fwAVG=2.77
sdW=417.6
fwW=2.74
sdS=94.7
fwS=2.93
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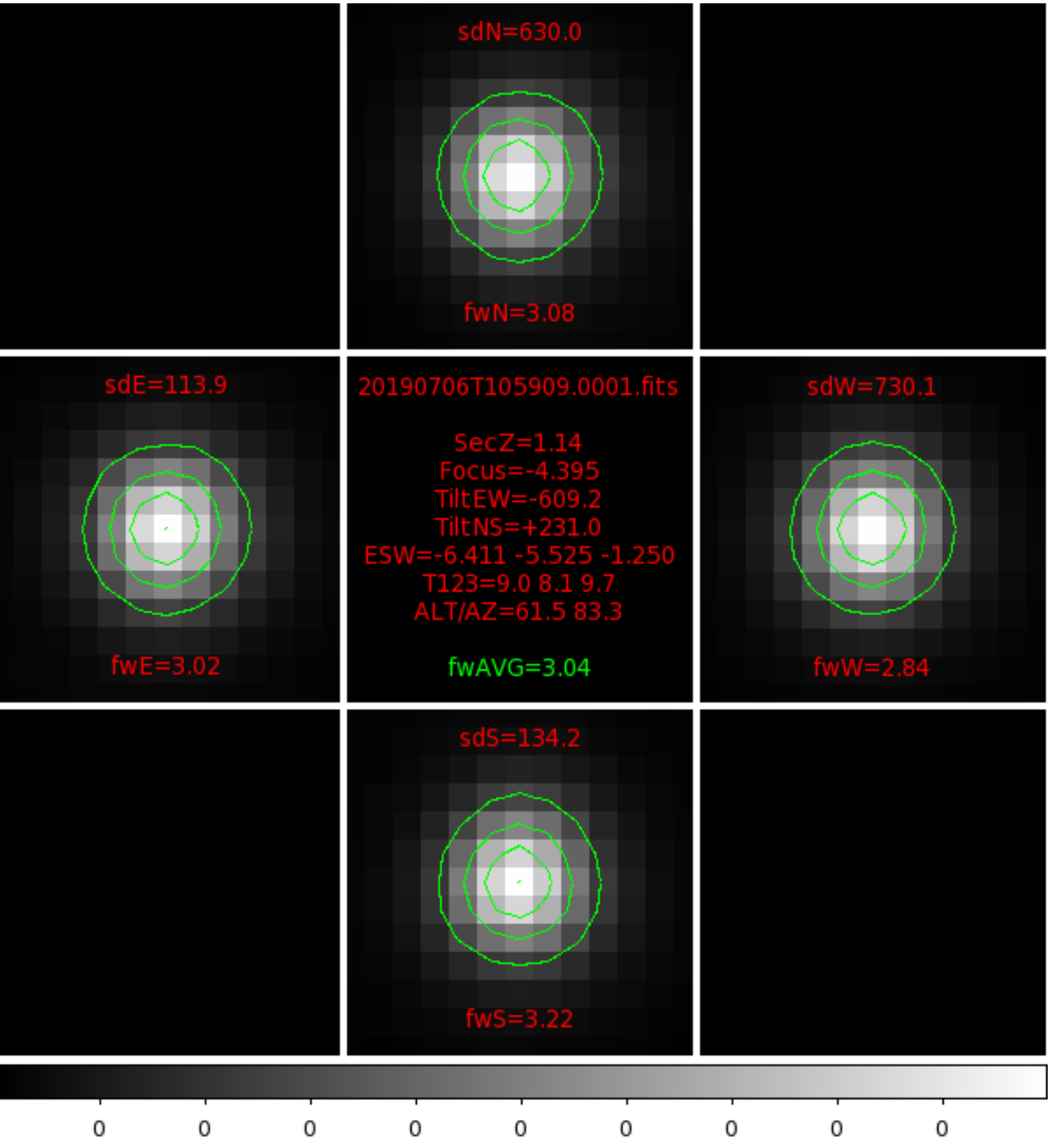
sdN=630.0
fwN=3.08
sdE=113.9
fwE=3.02
20190706T105909.0001.fits
SecZ=1.14
Focus=-4.395
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.411 -5.525 -1.250
T123=9.0 8.1 9.7
ALT/AZ=61.5 83.3
fwAVG=3.04
sdW=730.1
fwW=2.84
sdS=134.2
fwS=3.22
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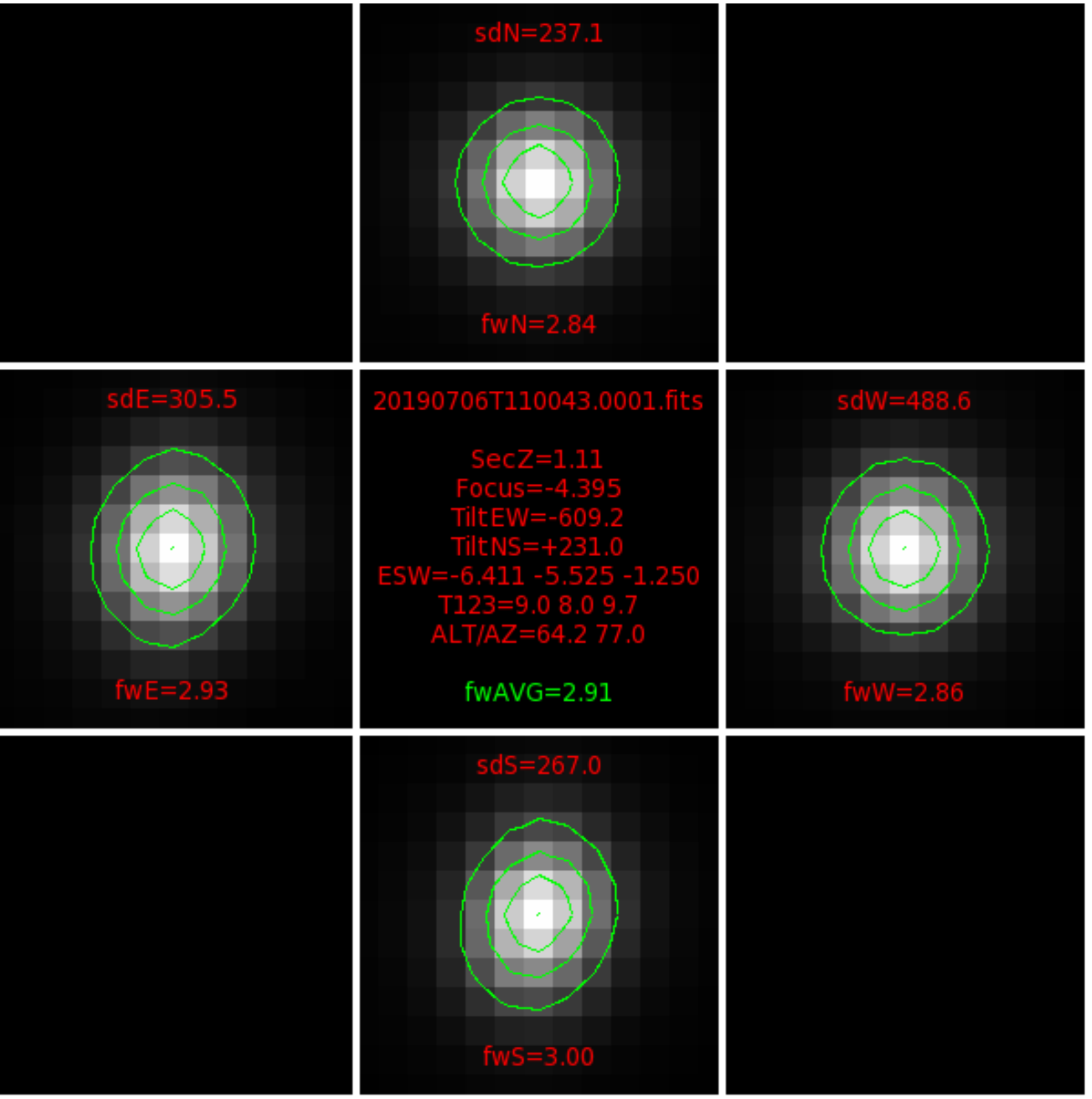
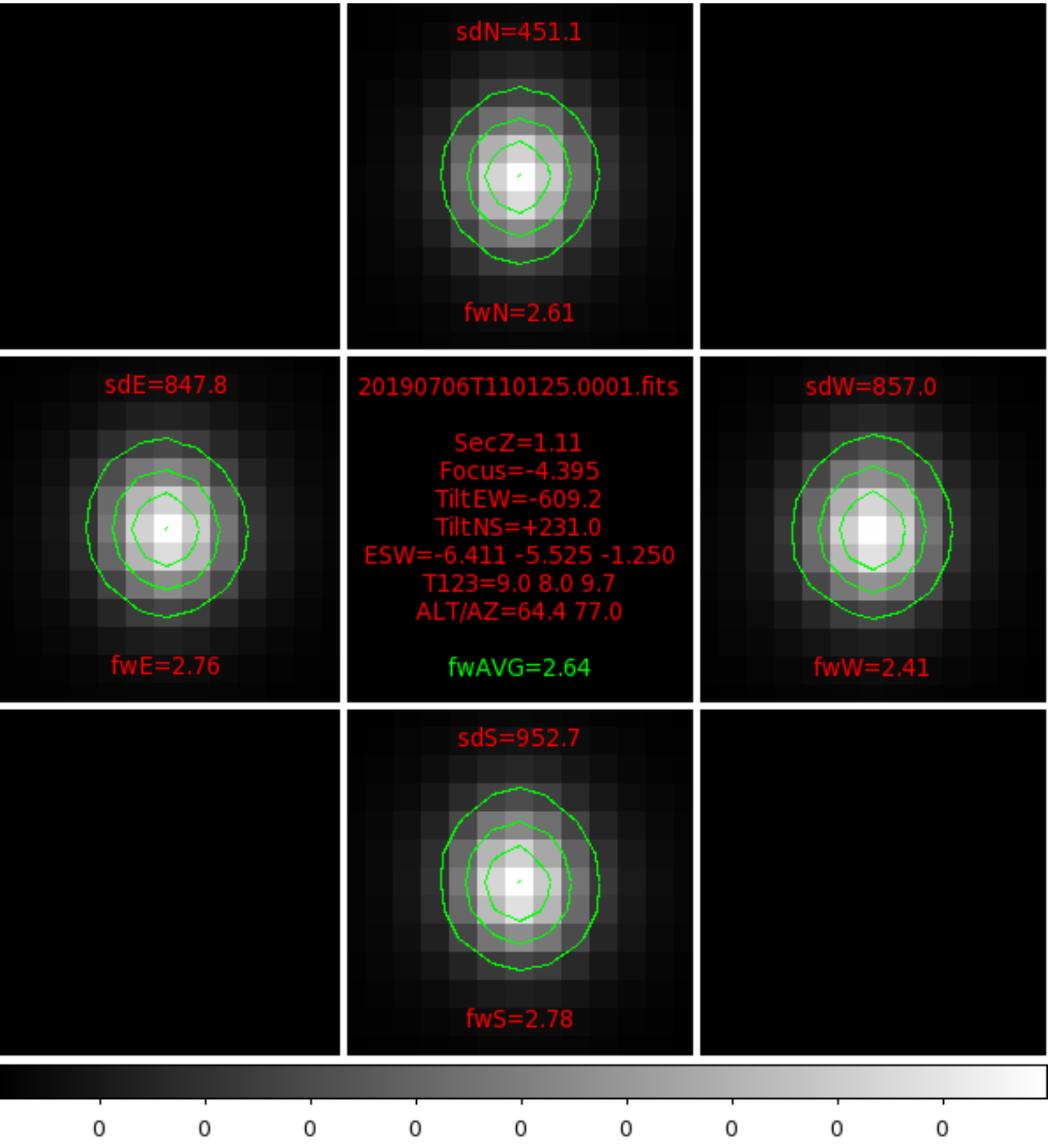

sdN=237.1
fwN=2.84
sdE=305.5
fwE=2.93
20190706T110043.0001.fits
SecZ=1.11
Focus=-4.395
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.411 -5.525 -1.250
T123=9.0 8.0 9.7
ALT/AZ=64.2 77.0
fwAVG=2.91
sdW=488.6
fwW=2.86
sdS=267.0
fwS=3.00
0 0 0 0 0 0 0 0 0


sdN=451.1
fwN=2.61
sdE=847.8
fwE=2.76
20190706T110125.0001.fits
SecZ=1.11
Focus=-4.395
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.411 -5.525 -1.250
T123=9.0 8.0 9.7
ALT/AZ=64.4 77.0
fwAVG=2.64
sdW=857.0
fwW=2.41
sdS=952.7
fwS=2.78
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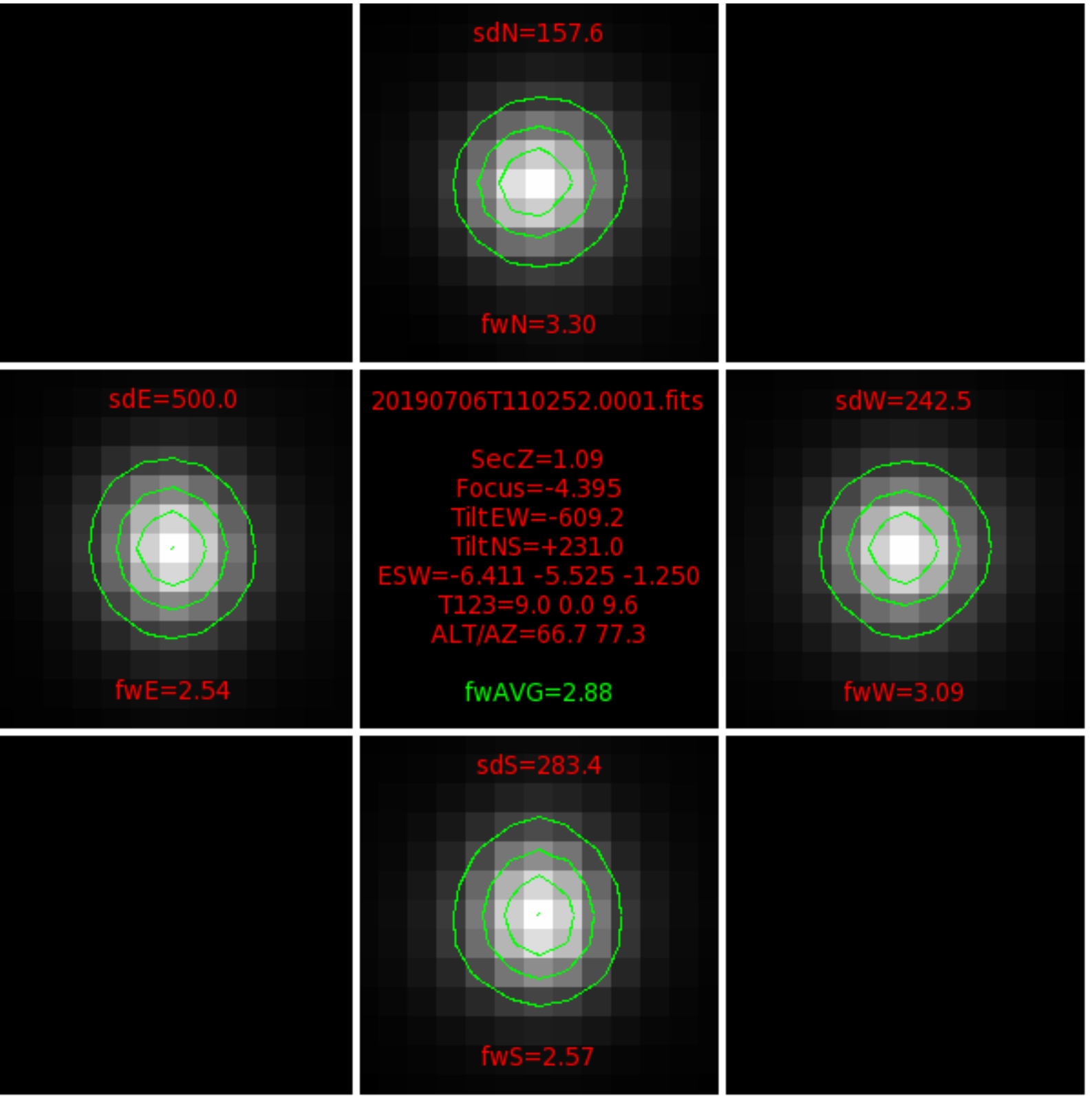
sdN=157.6
fwN=3.30
sdE=500.0
fwE=2.54
20190706T110252.0001.fits
SecZ=1.09
Focus=-4.395
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.411 -5.525 -1.250
T123=9.0 0.0 9.6
ALT/AZ=66.7 77.3
fwAVG=2.88
sdW=242.5
fwW=3.09
sdS=283.4
fwS=2.57
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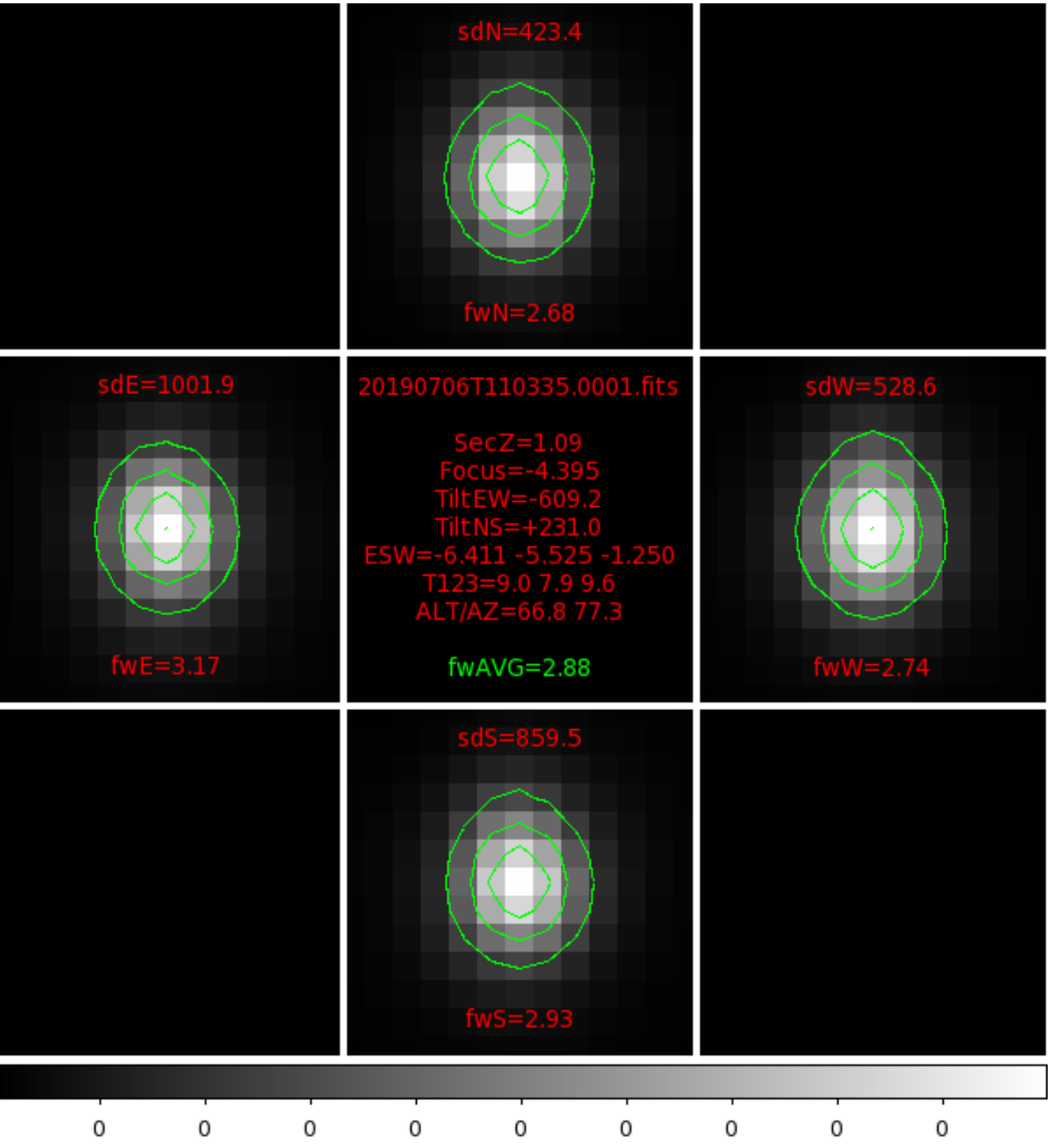
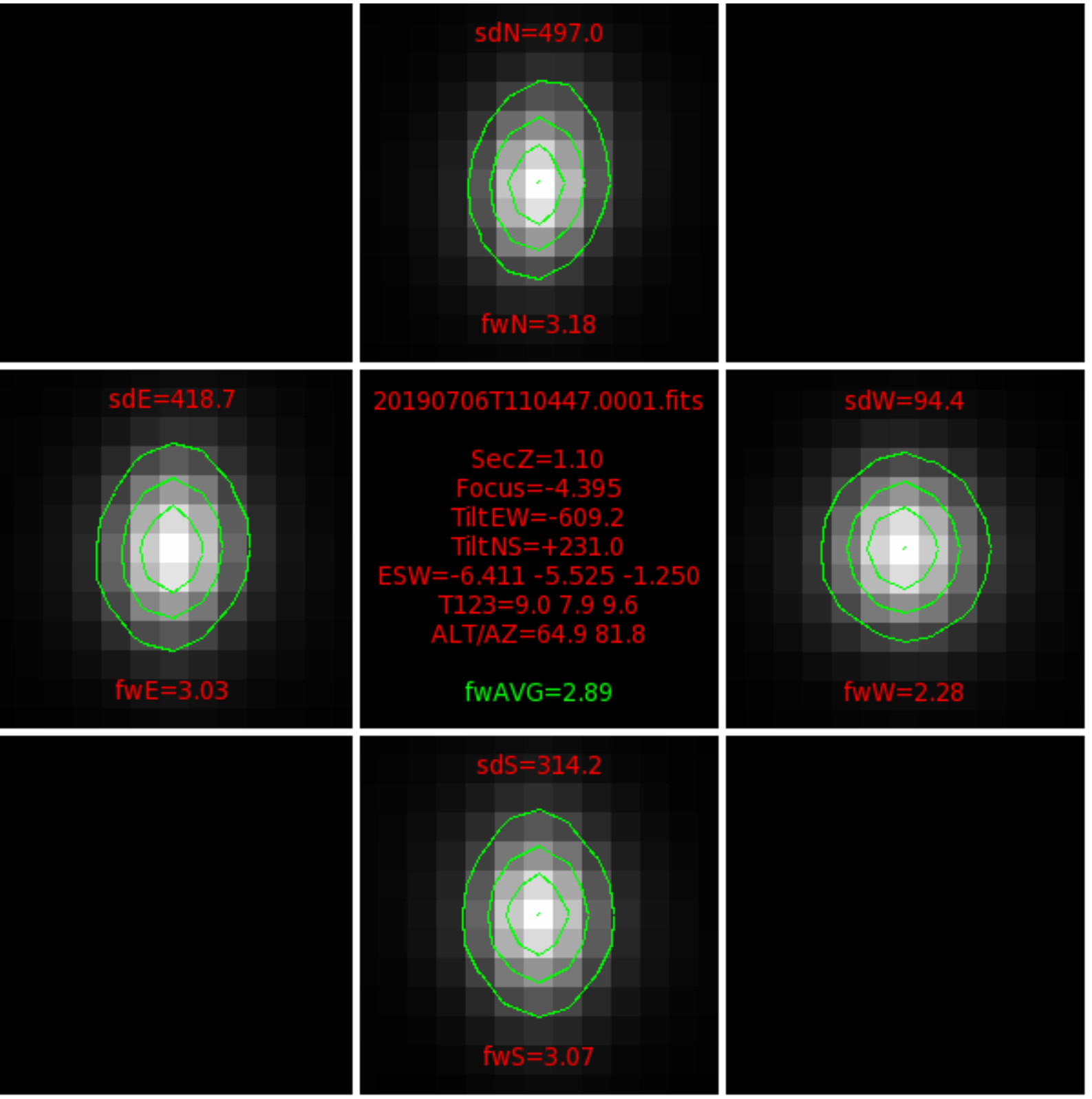

sdN=423.4
fwN=2.68
sdE=1001.9
fwE=3.17
20190706T110335.0001.fits
SecZ=1.09
Focus=-4.395
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.411 -5.525 -1.250
T123=9.0 7.9 9.6
ALT/AZ=66.8 77.3
fwAVG=2.88
sdW=528.6
fwW=2.74
sdS=859.5
fwS=2.93
0 0 0 0 0 0 0 0 0


sdN=497.0
fwN=3.18
sdE=418.7
fwE=3.03
20190706T110447.0001.fits
SecZ=1.10
Focus=-4.395
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.411 -5.525 -1.250
T123=9.0 7.9 9.6
ALT/AZ=64.9 81.8
fwAVG=2.89
sdW=94.4
fwW=2.28
sdS=314.2
fwS=3.07
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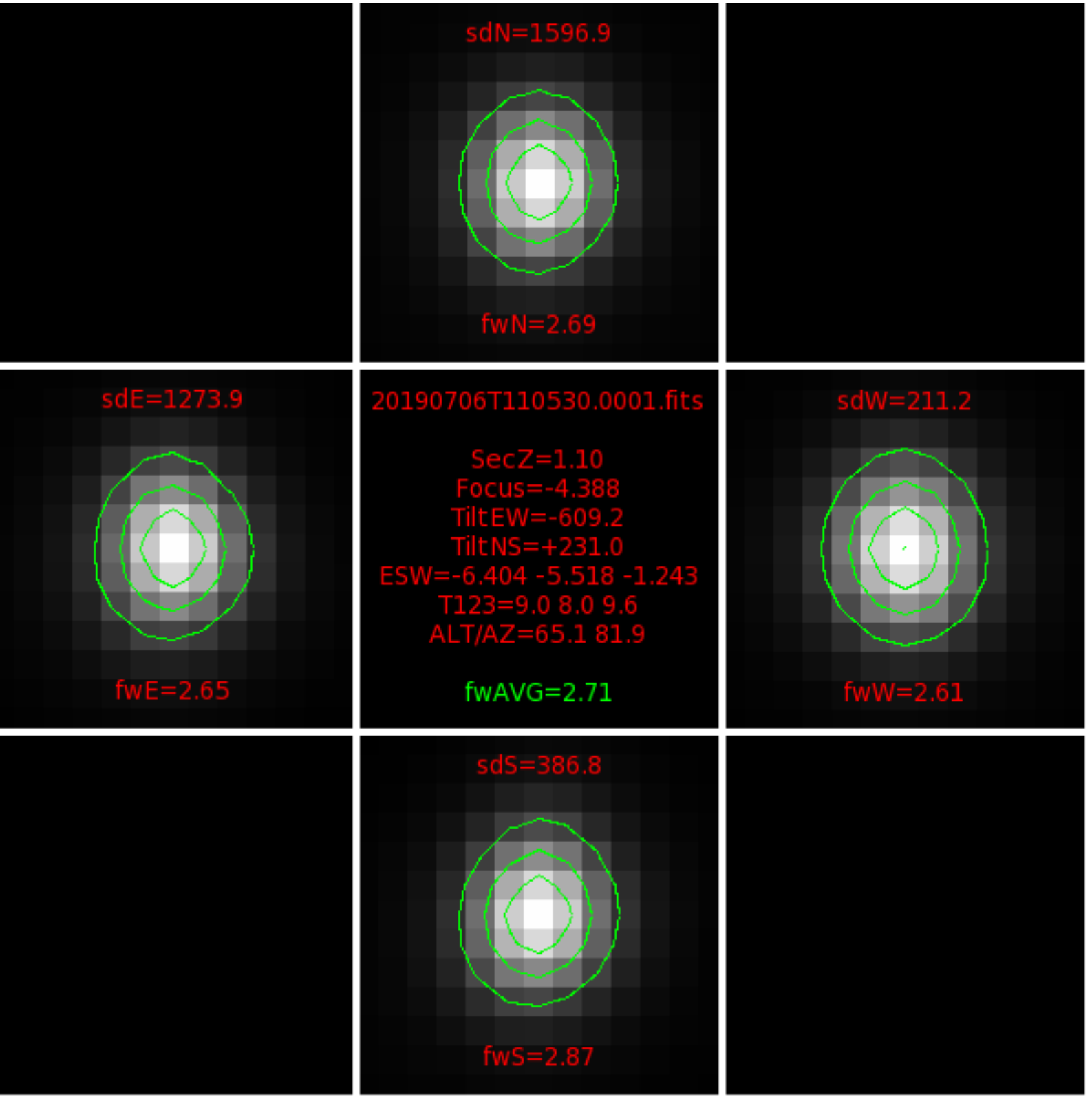
sdN=1596.9
fwN=2.69
sdE=1273.9
fwE=2.65
20190706T110530.0001.fits
SecZ=1.10
Focus=-4.388
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.404 -5.518 -1.243
T123=9.0 8.0 9.6
ALT/AZ=65.1 81.9
fwAVG=2.71
sdW=211.2
fwW=2.61
sdS=386.8
fwS=2.87
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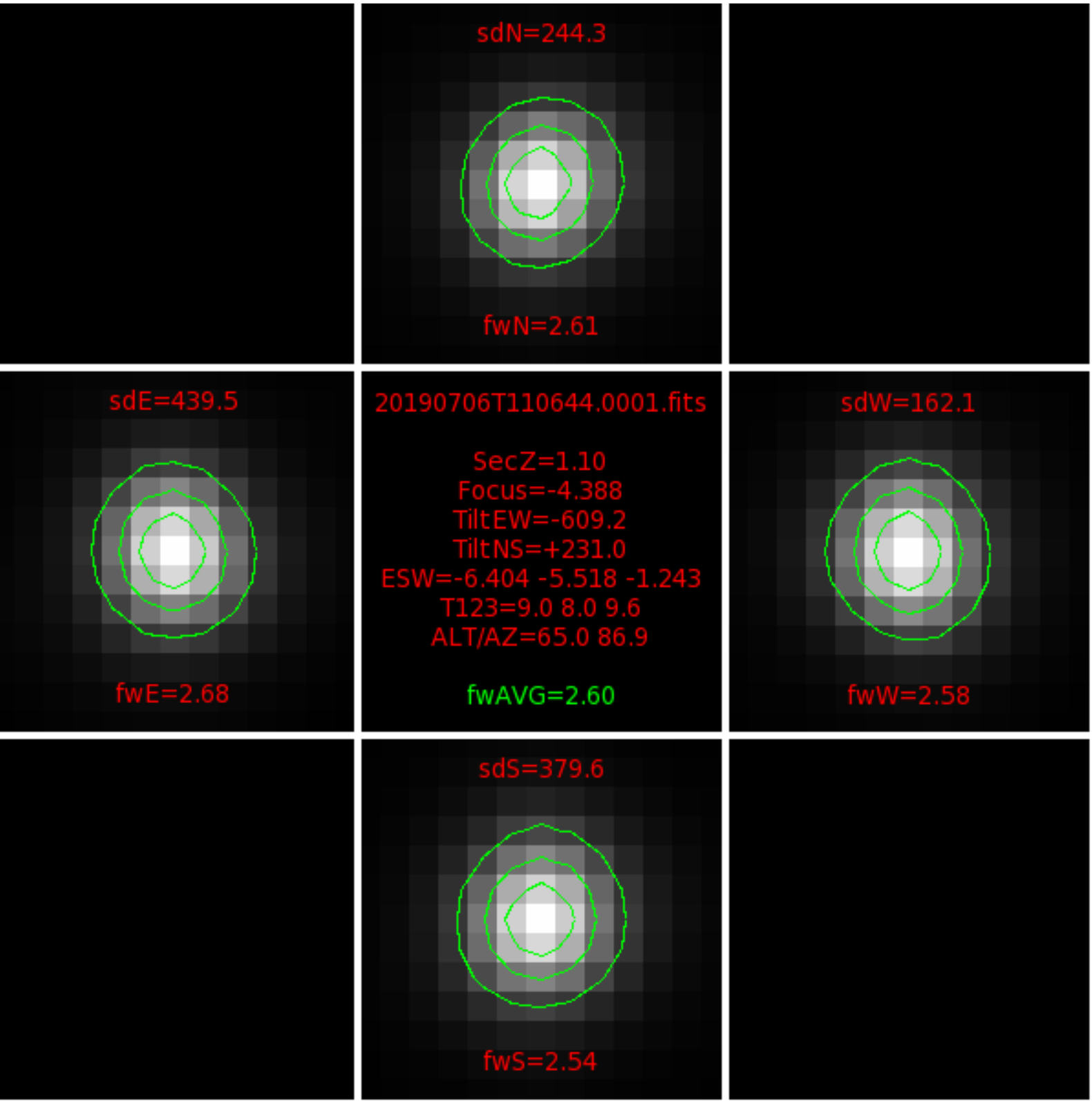
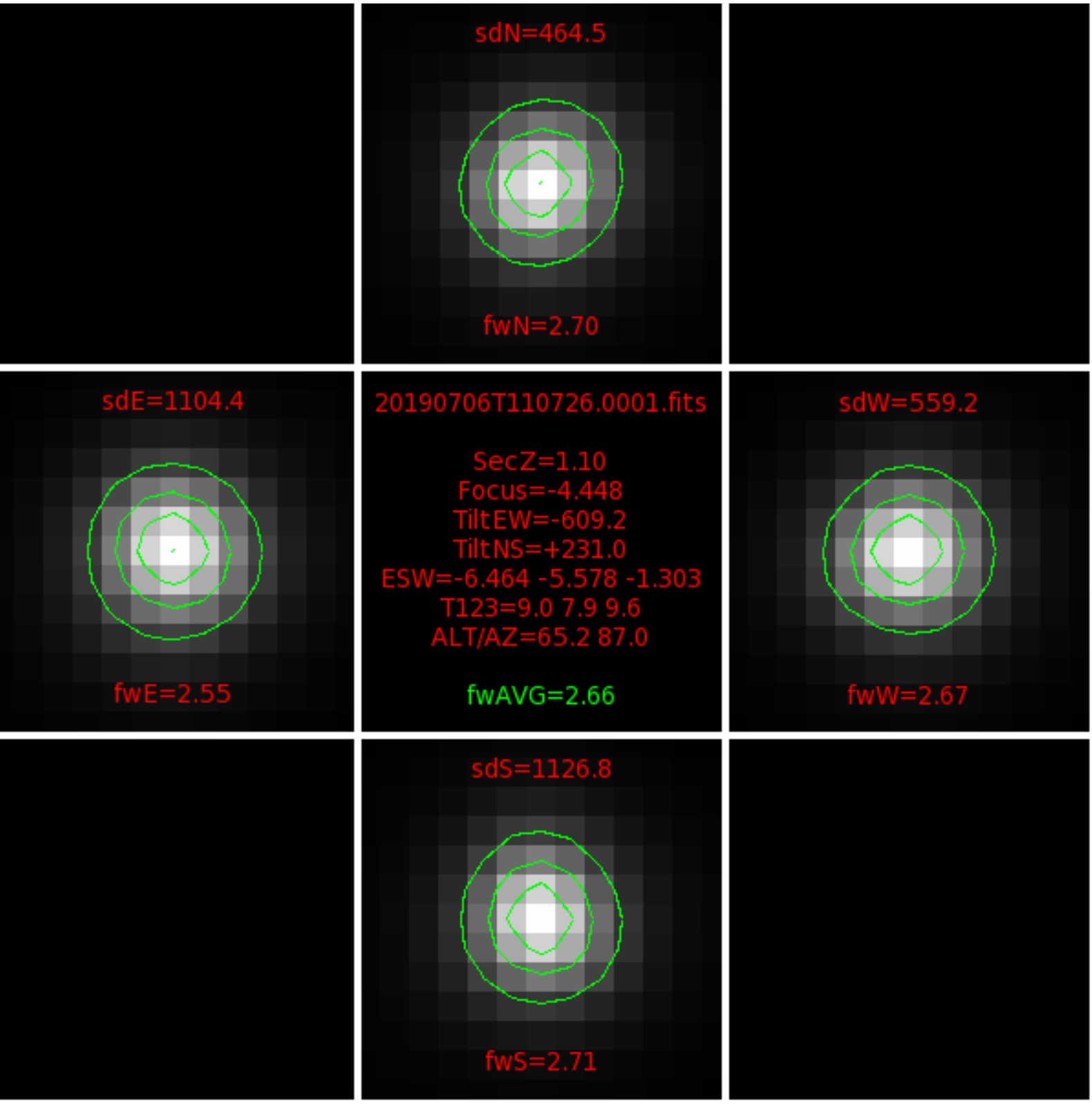

sdN=244.3
fwN=2.61
sdE=439.5
fwE=2.68
20190706T110644.0001.fits
SecZ=1.10
Focus=-4.388
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.404 -5.518 -1.243
T123=9.0 8.0 9.6
ALT/AZ=65.0 86.9
fwAVG=2.60
sdW=162.1
fwW=2.58
sdS=379.6
fwS=2.54
0 0 0 0 0 0 0 0 0


sdN=464.5
fwN=2.70
sdE=1104.4
fwE=2.55
20190706T110726.0001.fits
SecZ=1.10
Focus=-4.448
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.464 -5.578 -1.303
T123=9.0 7.9 9.6
ALT/AZ=65.2 87.0
fwAVG=2.66
sdW=559.2
fwW=2.67
sdS=1126.8
fwS=2.71
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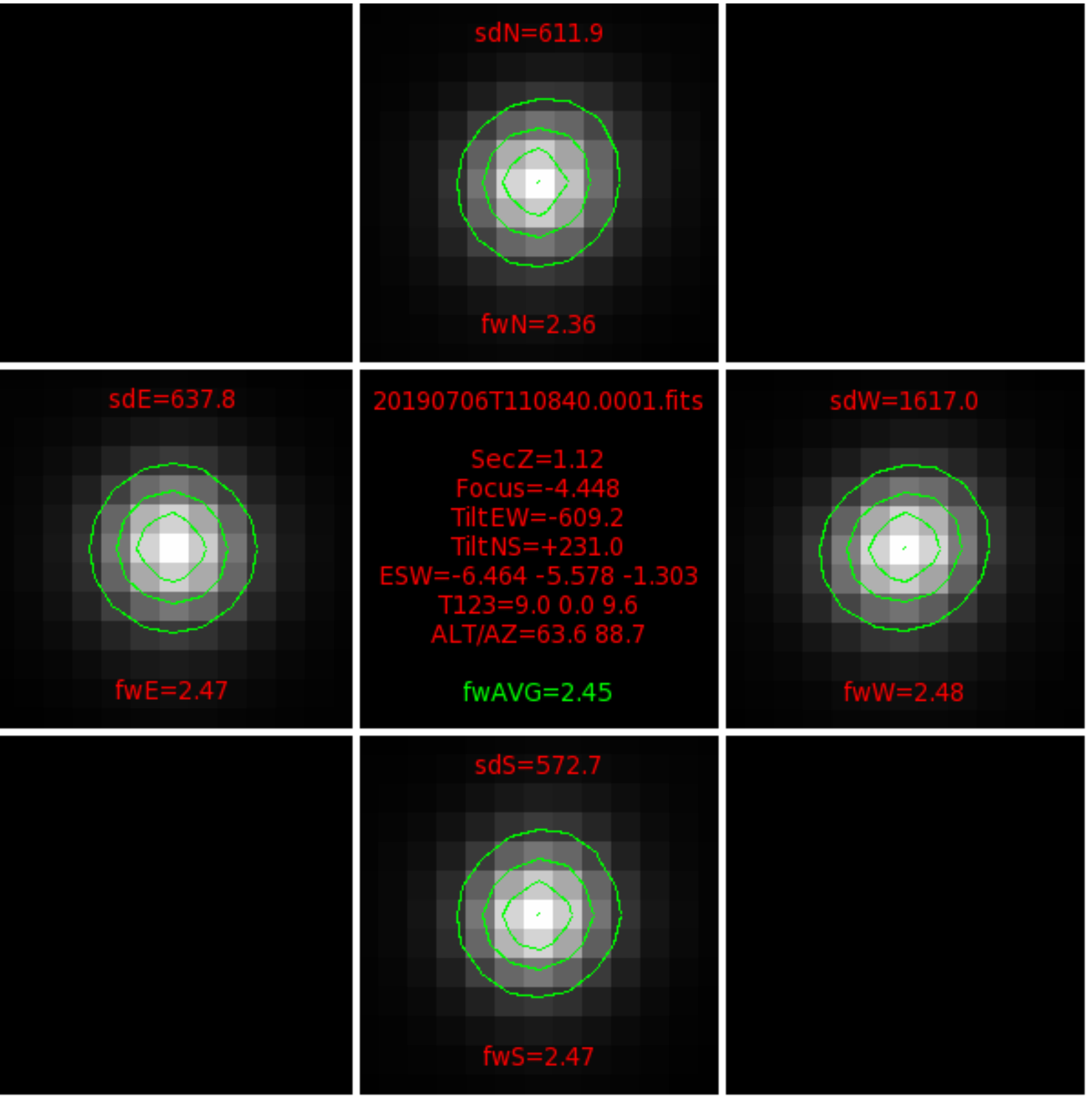
sdN=611.9
fwN=2.36
sdE=637.8
fwE=2.47
20190706T110840.0001.fits
SecZ=1.12
Focus=-4.448
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.464 -5.578 -1.303
T123=9.0 0.0 9.6
ALT/AZ=63.6 88.7
fwAVG=2.45
sdW=1617.0
fwW=2.48
sdS=572.7
fwS=2.47
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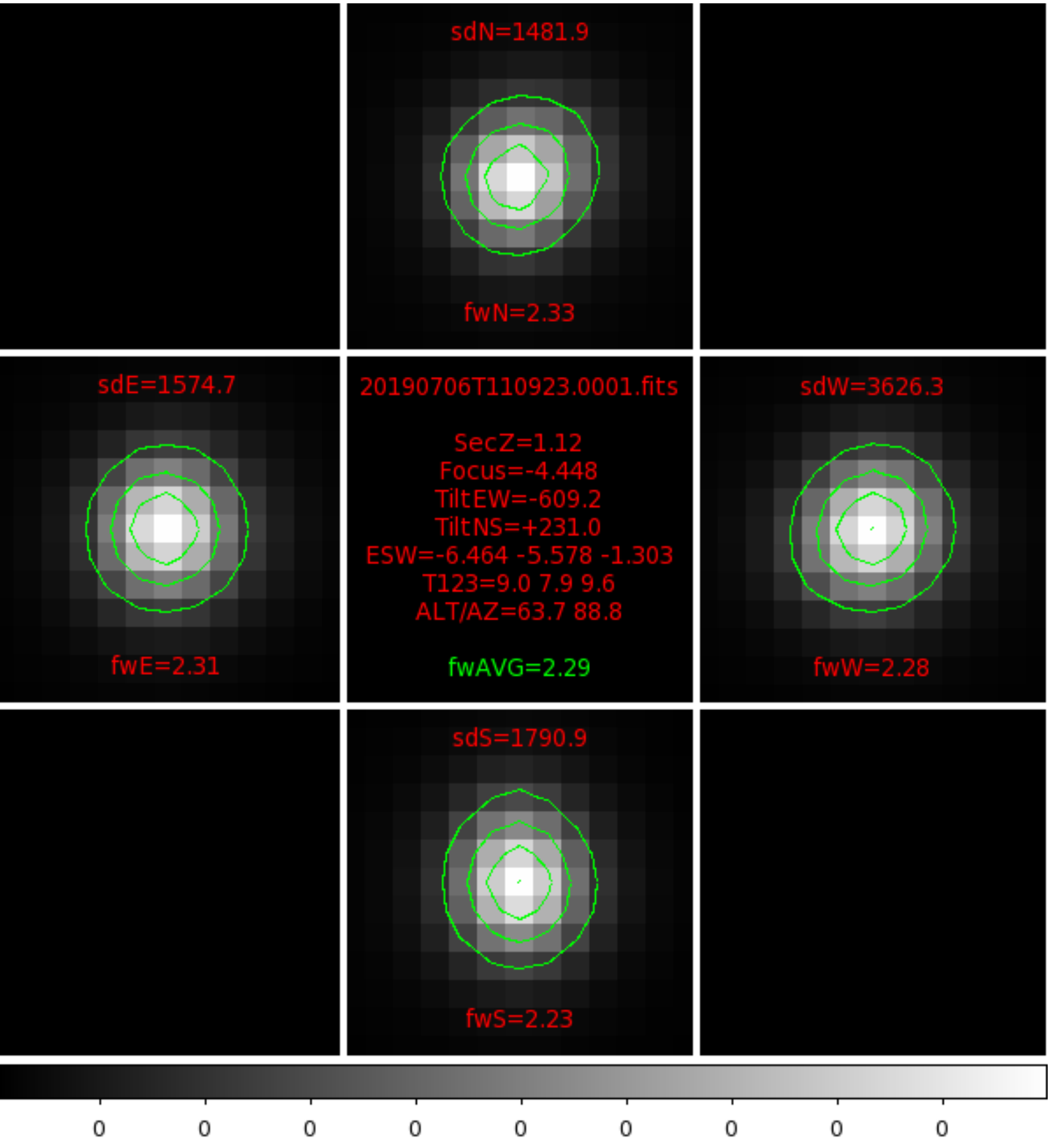
sdN=1481.9
fwN=2.33
sdE=1574.7
fwE=2.31
20190706T110923.0001.fits
SecZ=1.12
Focus=-4.448
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.464 -5.578 -1.303
T123=9.0 7.9 9.6
ALT/AZ=63.7 88.8
fwAVG=2.29
sdW=3626.3
fwW=2.28
sdS=1790.9
fwS=2.23
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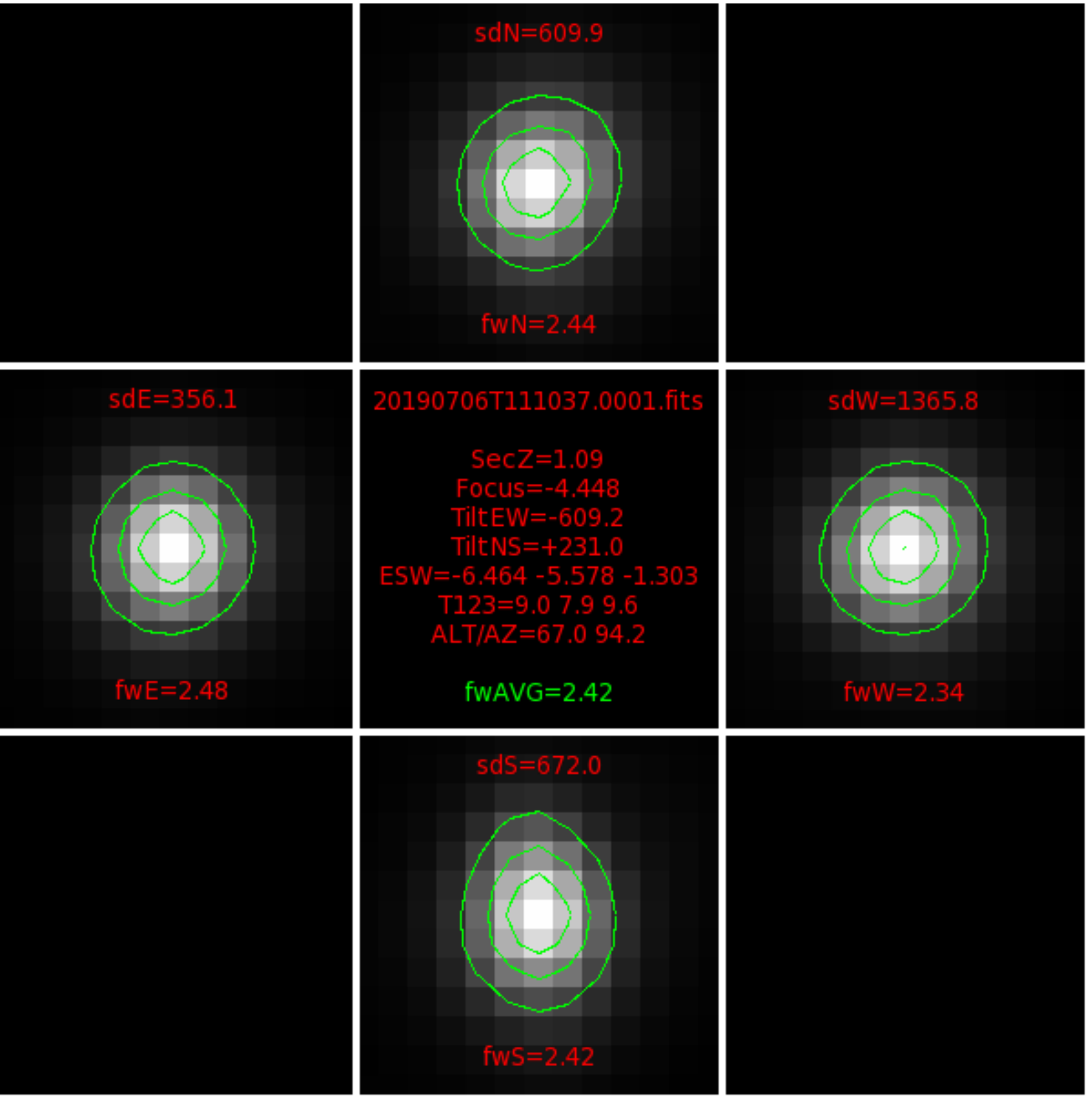
sdN=609.9
fwN=2.44
sdE=356.1
fwE=2.48
20190706T111037.0001.fits
SecZ=1.09
Focus=-4.448
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.464 -5.578 -1.303
T123=9.0 7.9 9.6
ALT/AZ=67.0 94.2
fwAVG=2.42
sdW=1365.8
fwW=2.34
sdS=672.0
fwS=2.42
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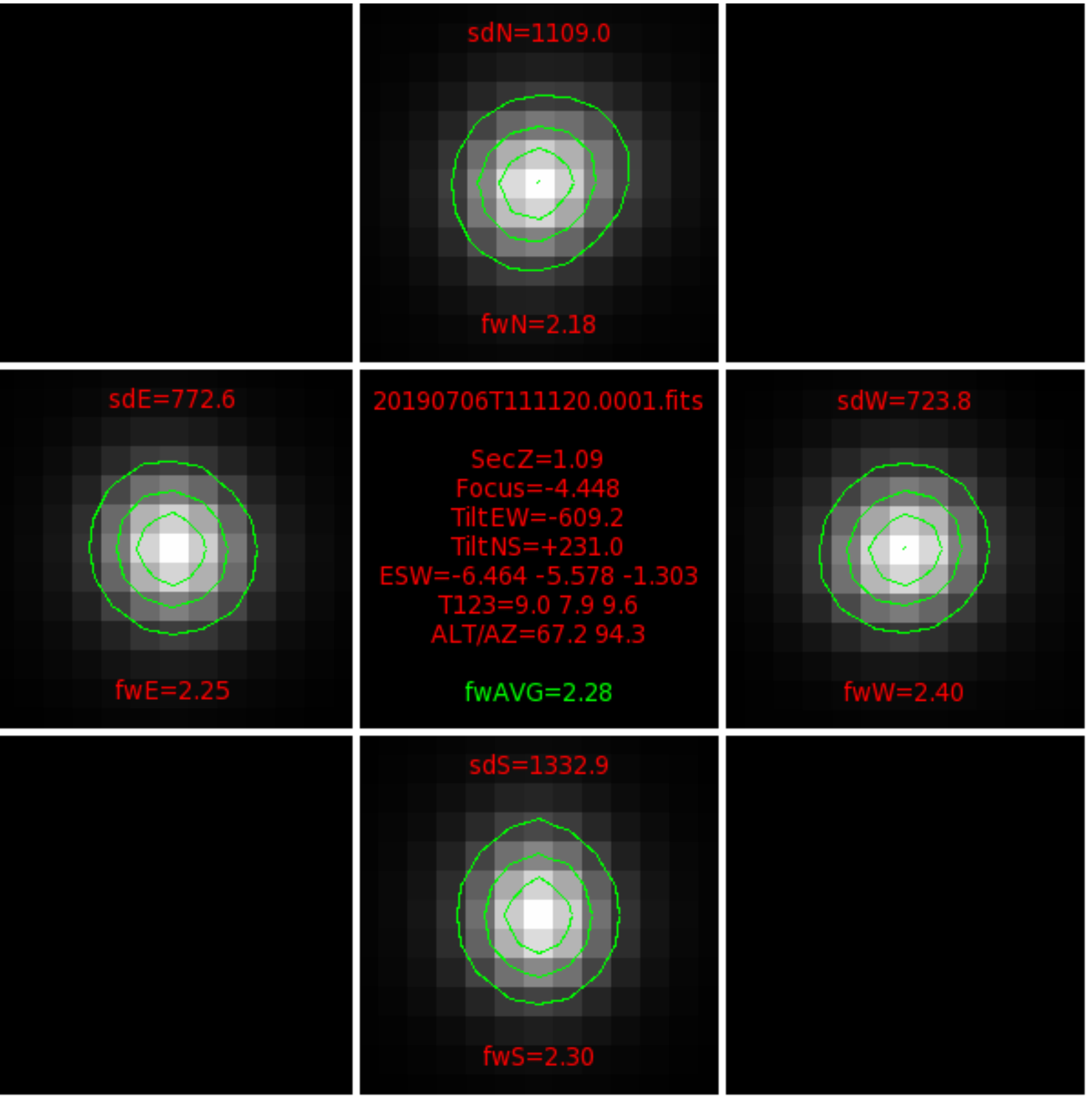
sdN=1109.0
fwN=2.18
sdE=772.6
fwE=2.25
20190706T111120.0001.fits
SecZ=1.09
Focus=-4.448
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.464 -5.578 -1.303
T123=9.0 7.9 9.6
ALT/AZ=67.2 94.3
fwAVG=2.28
sdW=723.8
fwW=2.40
sdS=1332.9
fwS=2.30
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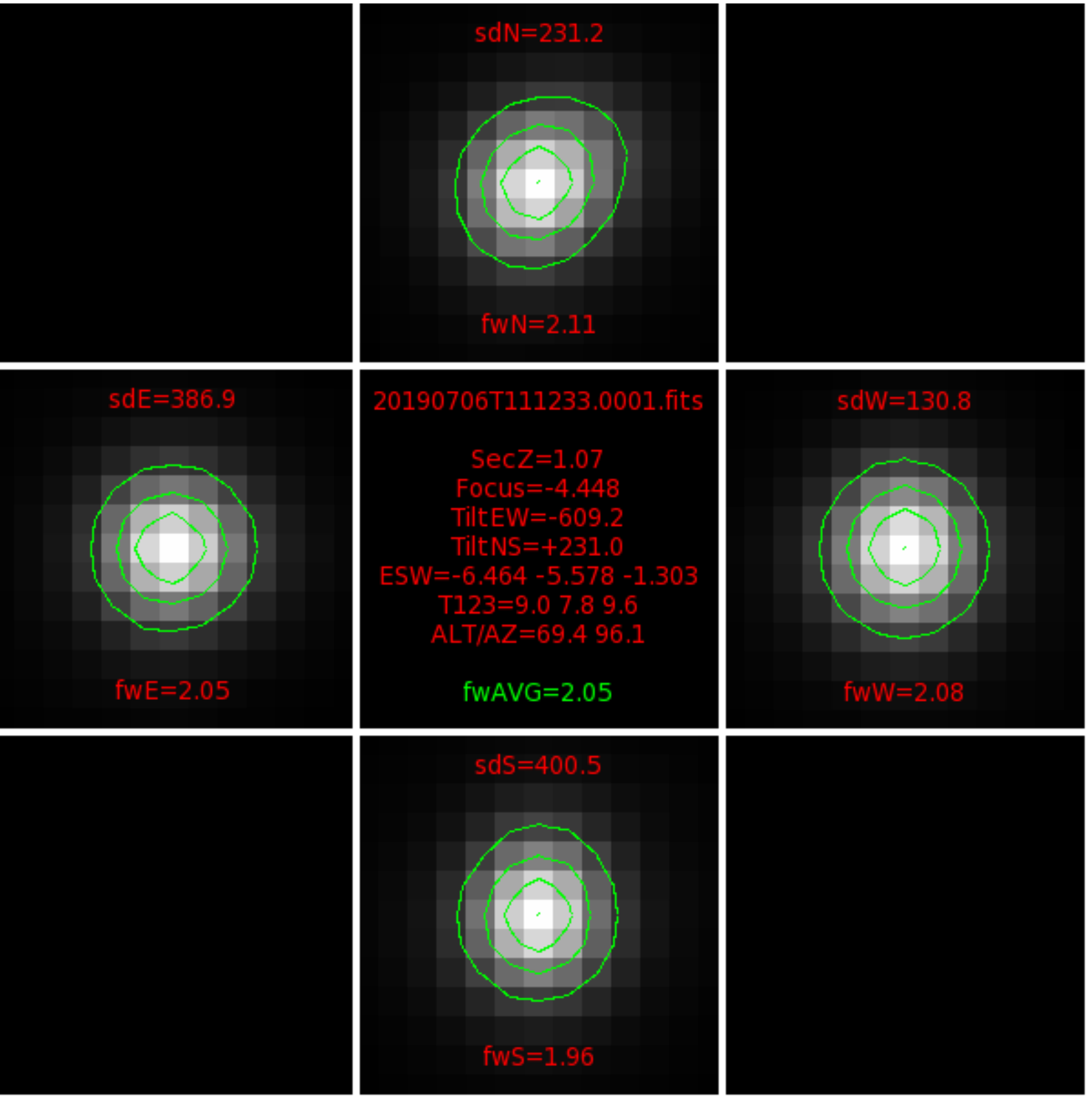
sdN=231.2
fwN=2.11
sdE=386.9
fwE=2.05
20190706T111233.0001.fits
SecZ=1.07
Focus=-4.448
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.464 -5.578 -1.303
T123=9.0 7.8 9.6
ALT/AZ=69.4 96.1
fwAVG=2.05
sdW=130.8
fwW=2.08
sdS=400.5
fwS=1.96
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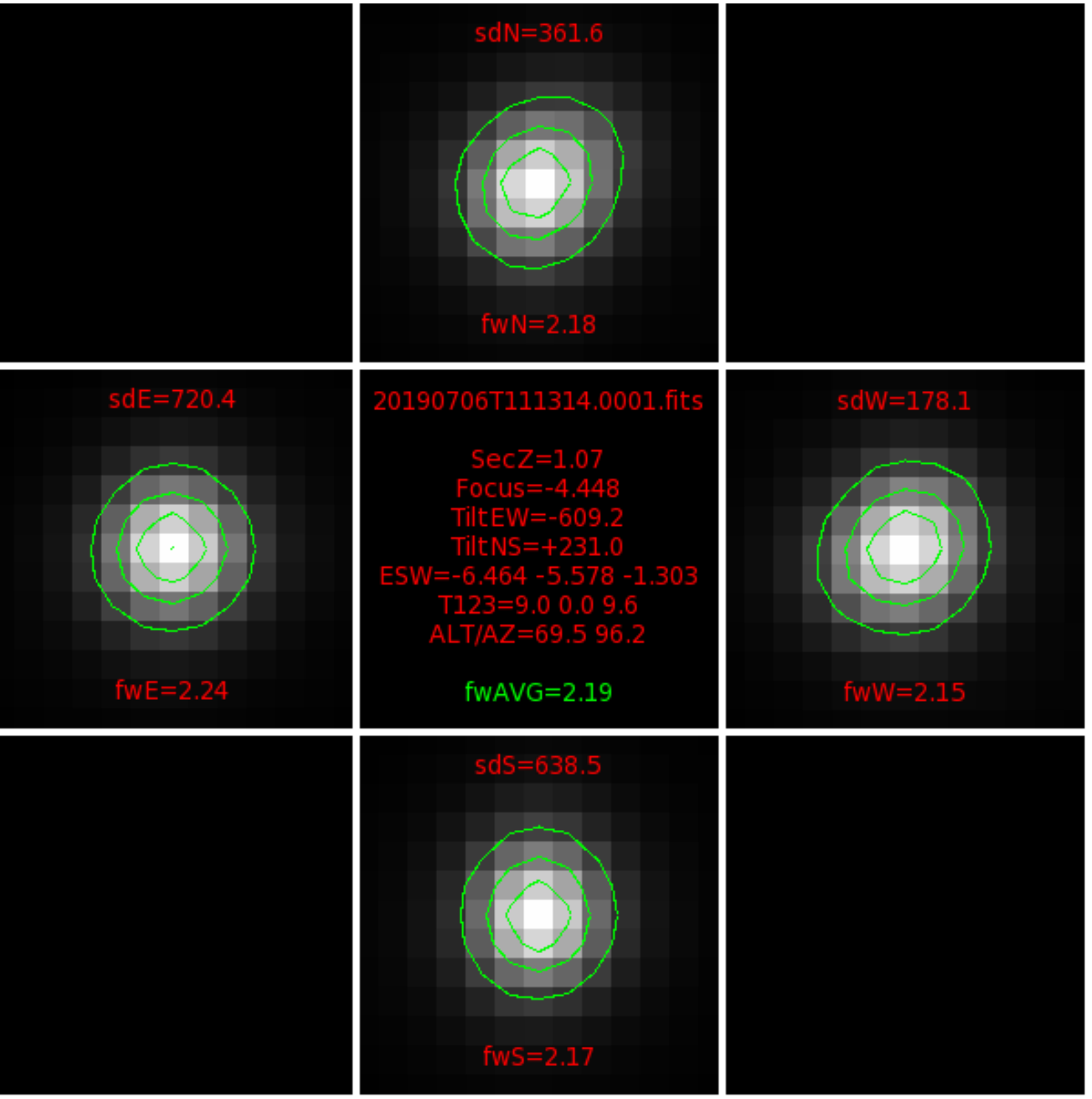
sdN=361.6
fwN=2.18
sdE=720.4
fwE=2.24
20190706T111314.0001.fits
SecZ=1.07
Focus=-4.448
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.464 -5.578 -1.303
T123=9.0 0.0 9.6
ALT/AZ=69.5 96.2
fwAVG=2.19
sdW=178.1
fwW=2.15
sdS=638.5
fwS=2.17
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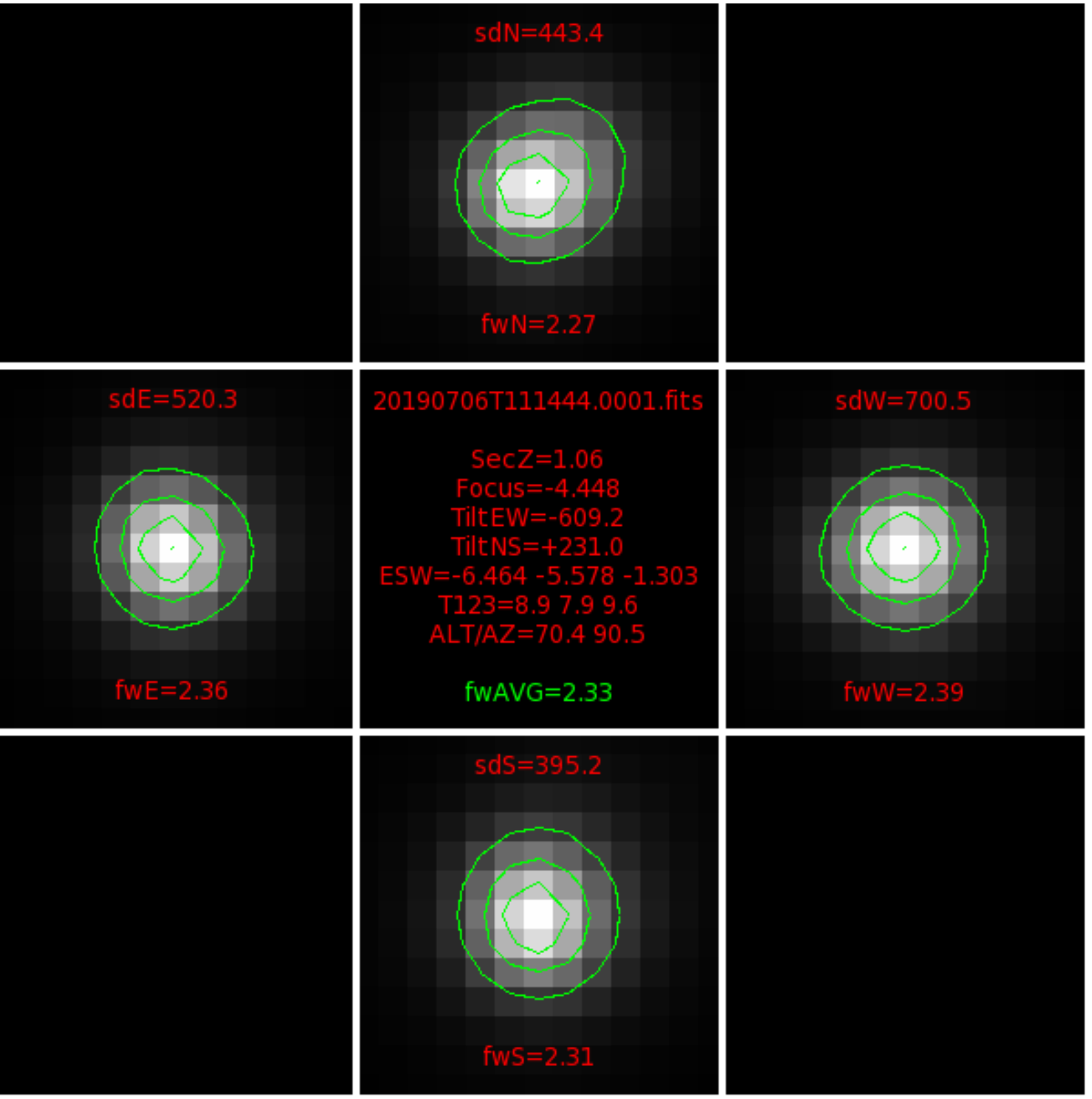
sdN=443.4
fwN=2.27
sdE=520.3
fwE=2.36
20190706T111444.0001.fits
SecZ=1.06
Focus=-4.448
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.464 -5.578 -1.303
T123=8.9 7.9 9.6
ALT/AZ=70.4 90.5
fwAVG=2.33
sdW=700.5
fwW=2.39
sdS=395.2
fwS=2.31
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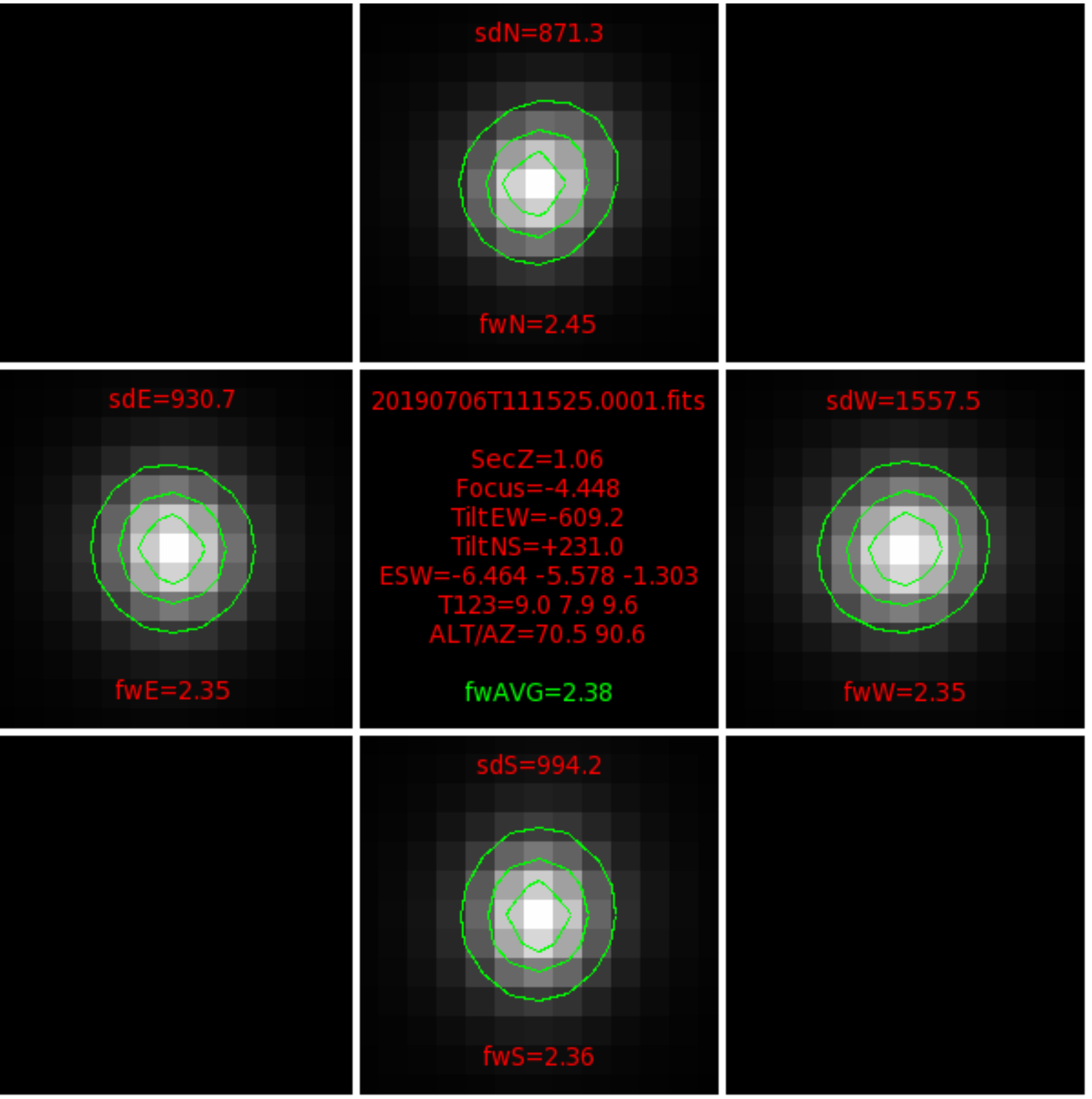
sdN=871.3
fwN=2.45
sdE=930.7
fwE=2.35
20190706T111525.0001.fits
SecZ=1.06
Focus=-4.448
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.464 -5.578 -1.303
T123=9.0 7.9 9.6
ALT/AZ=70.5 90.6
fwAVG=2.38
sdW=1557.5
fwW=2.35
sdS=994.2
fwS=2.36
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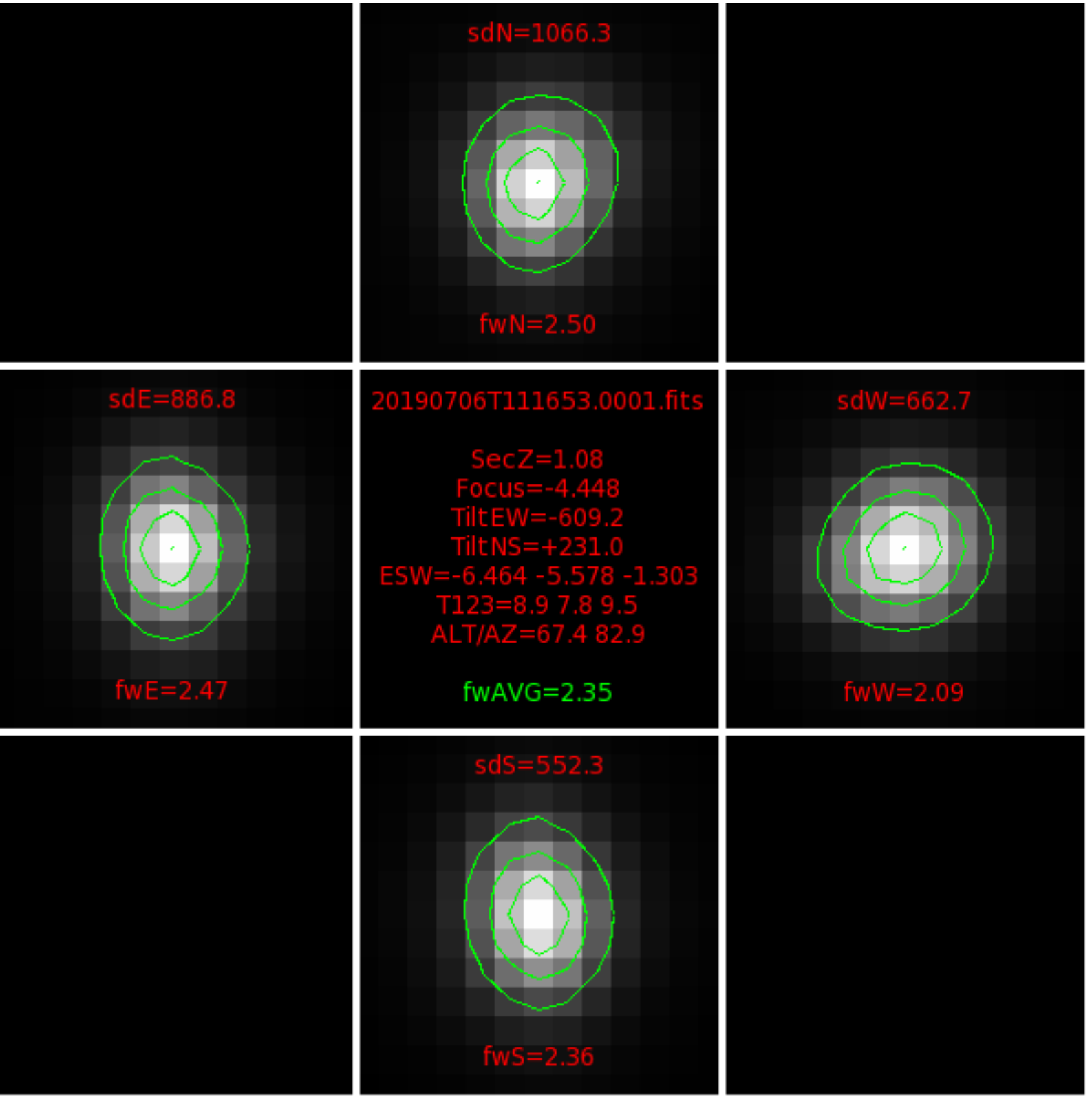
sdN=1066.3
fwN=2.50
sdE=886.8
fwE=2.47
20190706T111653.0001.fits
SecZ=1.08
Focus=-4.448
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.464 -5.578 -1.303
T123=8.9 7.8 9.5
ALT/AZ=67.4 82.9
fwAVG=2.35
sdW=662.7
fwW=2.09
sdS=552.3
fwS=2.36
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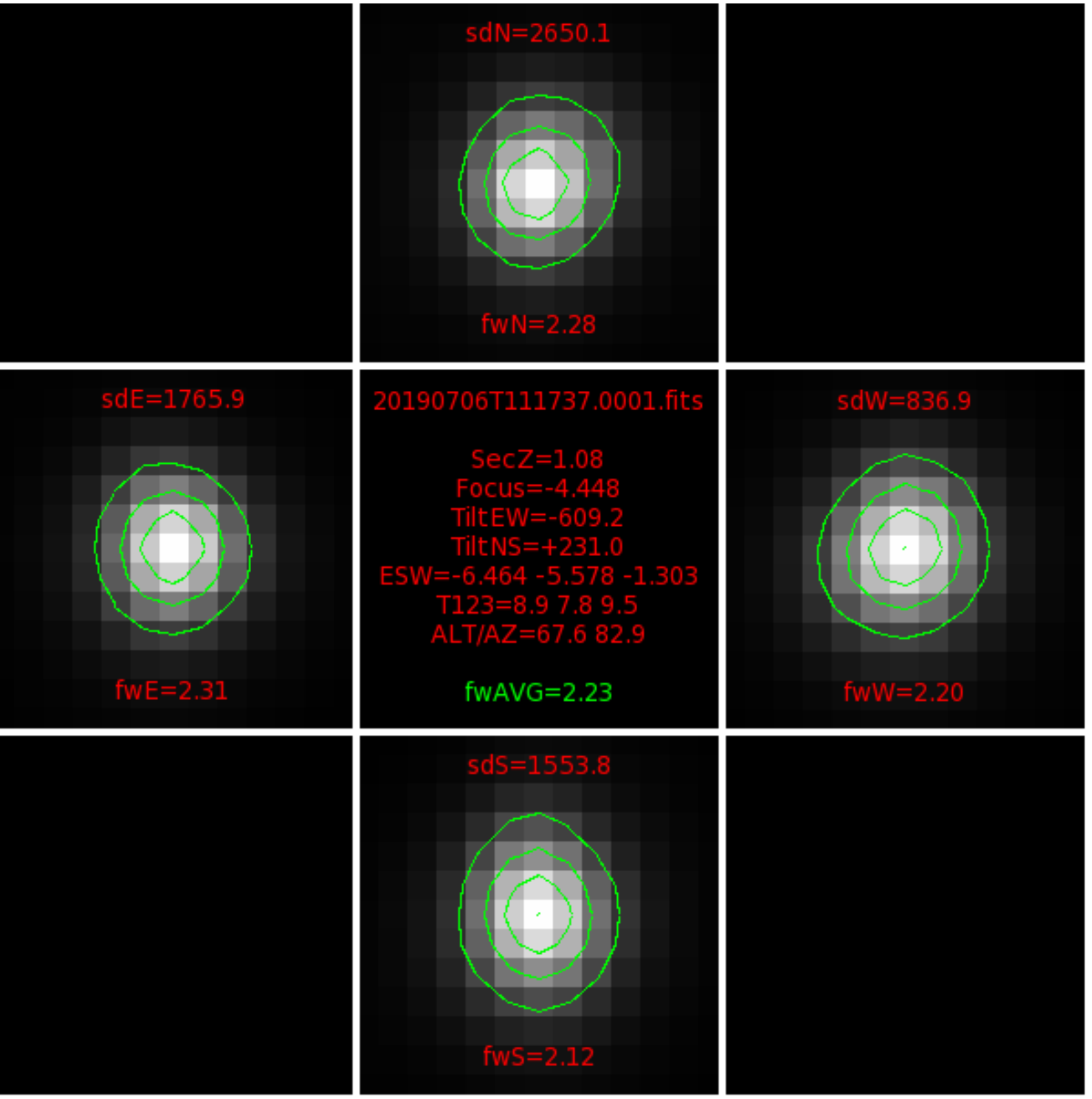
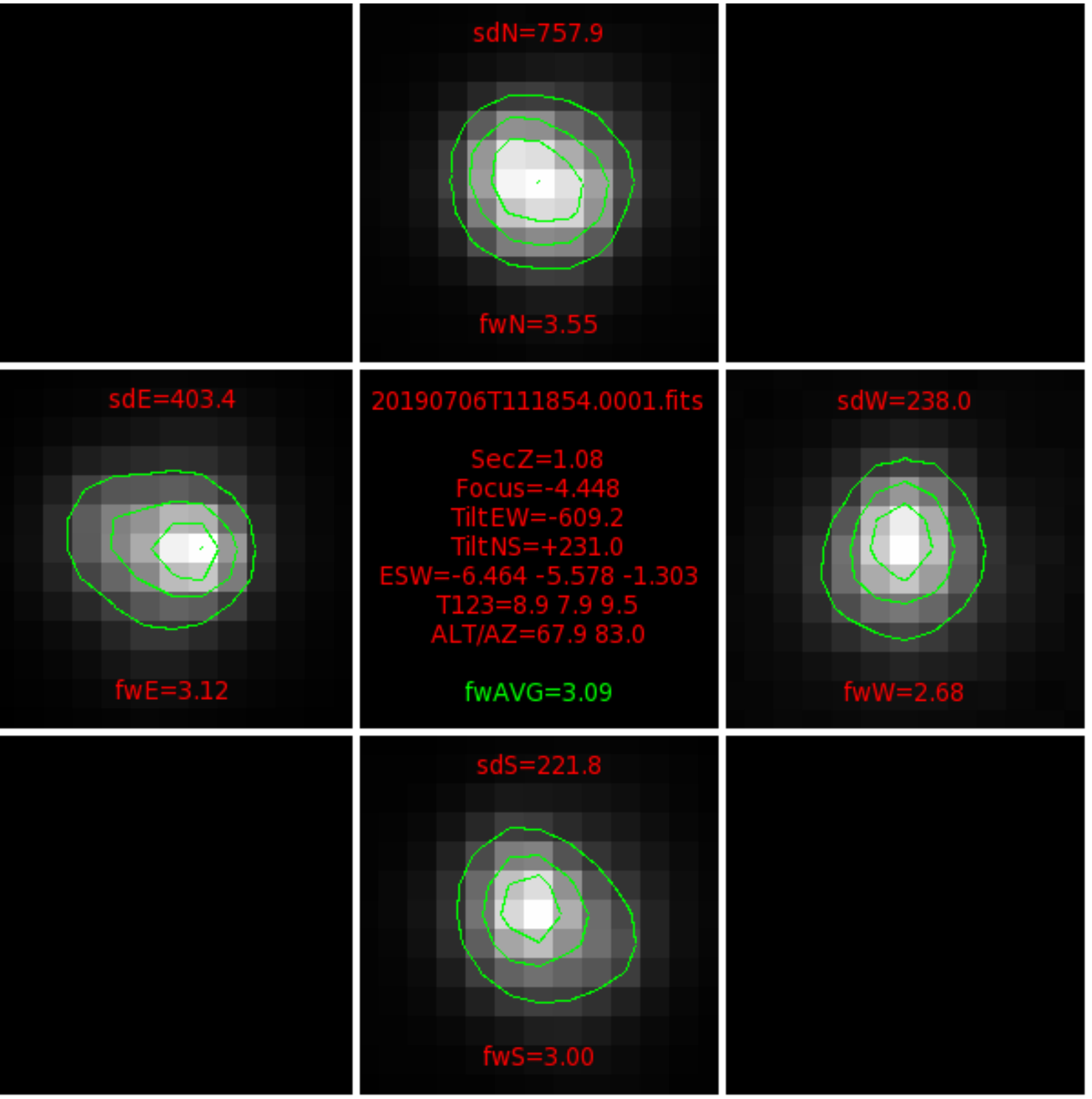

sdN=2650.1
fwN=2.28
sdE=1765.9
fwE=2.31
20190706T111737.0001.fits
SecZ=1.08
Focus=-4.448
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.464 -5.578 -1.303
T123=8.9 7.8 9.5
ALT/AZ=67.6 82.9
fwAVG=2.23
sdW=836.9
fwW=2.20
sdS=1553.8
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=757.9
fwN=3.55
sdE=403.4
fwE=3.12
20190706T111854.0001.fits
SecZ=1.08
Focus=-4.448
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.464 -5.578 -1.303
T123=8.9 7.9 9.5
ALT/AZ=67.9 83.0
fwAVG=3.09
sdW=238.0
fwW=2.68
sdS=221.8
fwS=3.00
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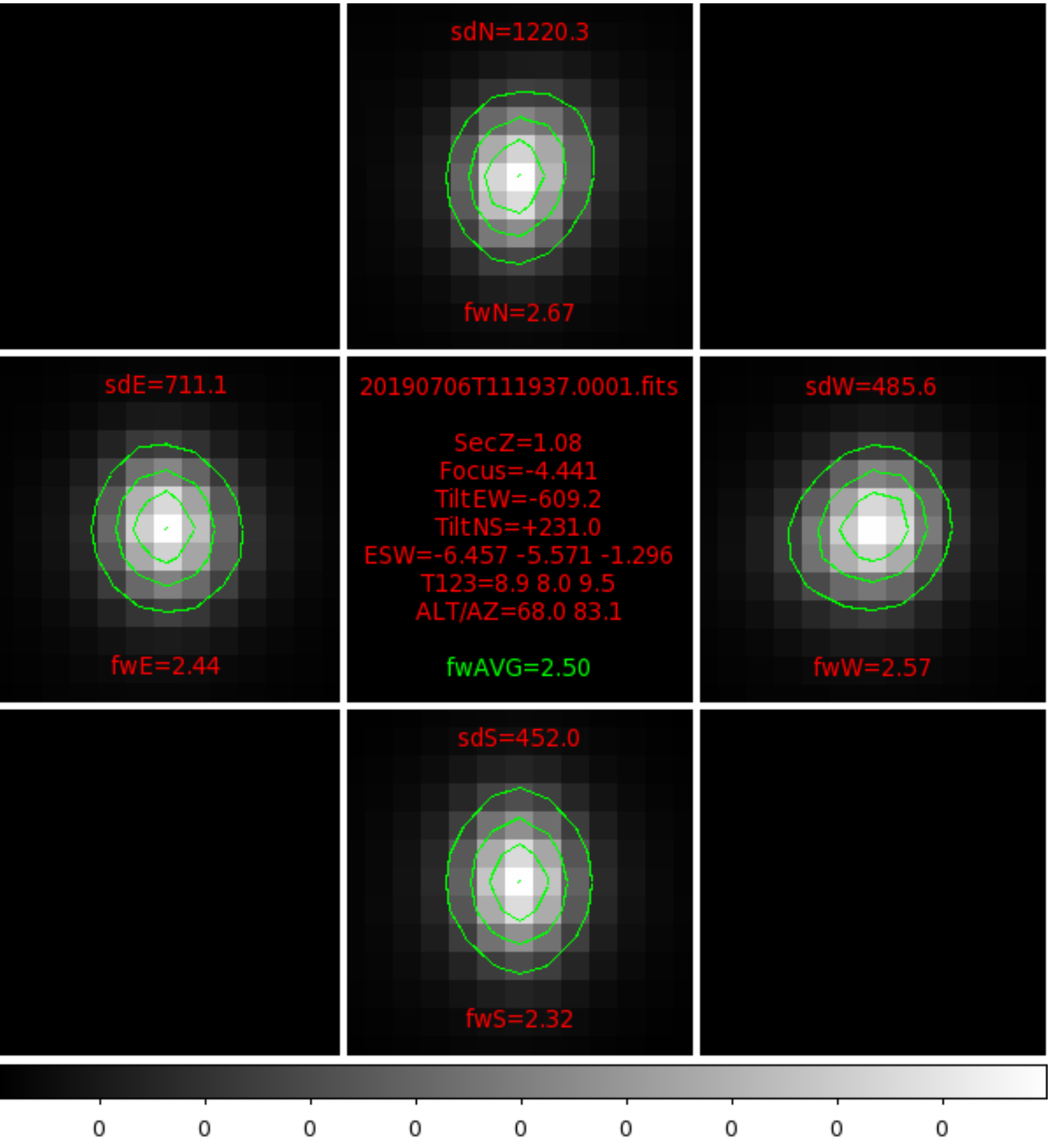
sdN=1220.3
fwN=2.67
sdE=711.1
fwE=2.44
20190706T111937.0001.fits
SecZ=1.08
Focus=-4.441
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.457 -5.571 -1.296
T123=8.9 8.0 9.5
ALT/AZ=68.0 83.1
fwAVG=2.50
sdW=485.6
fwW=2.57
sdS=452.0
fwS=2.32
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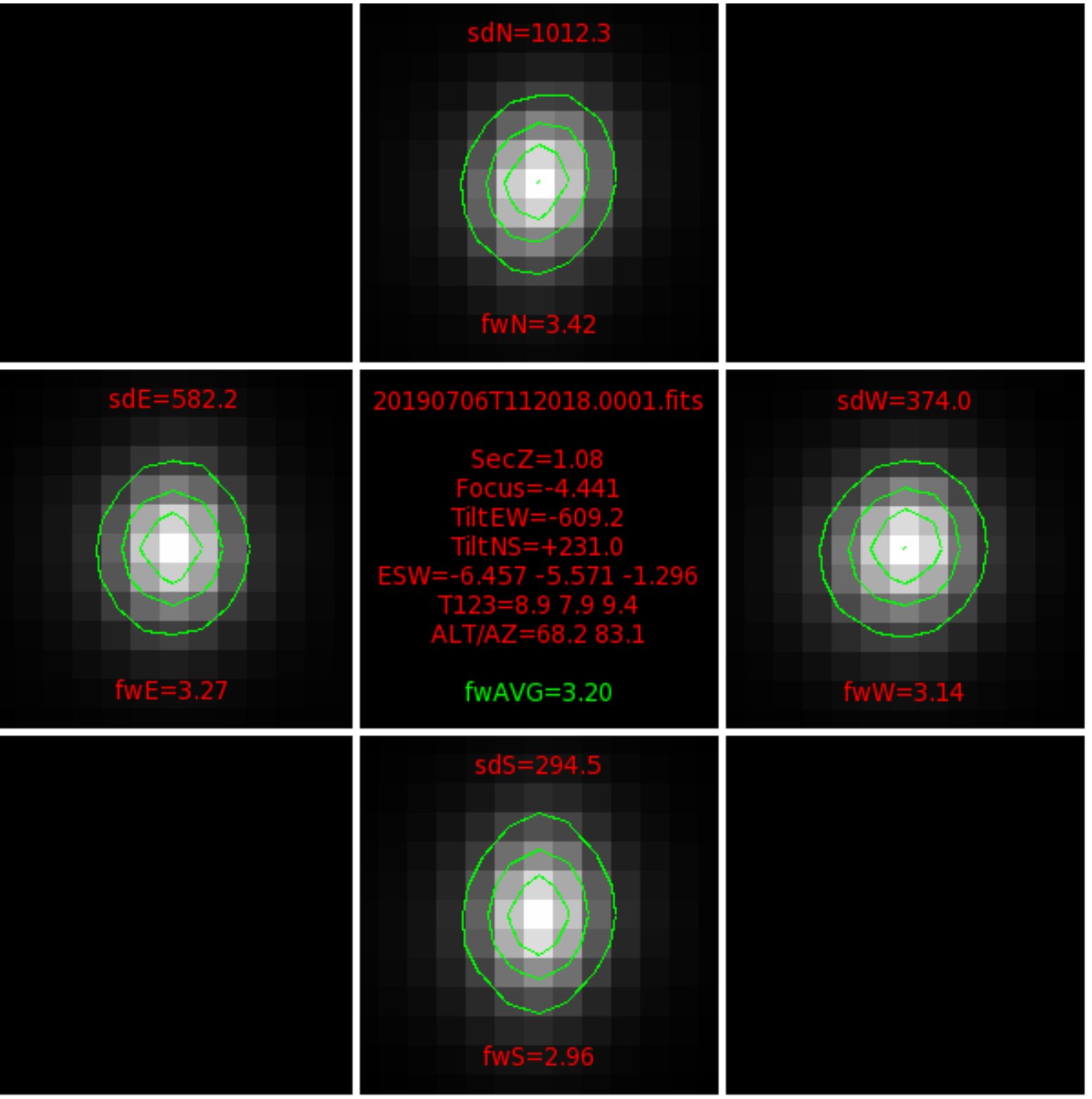
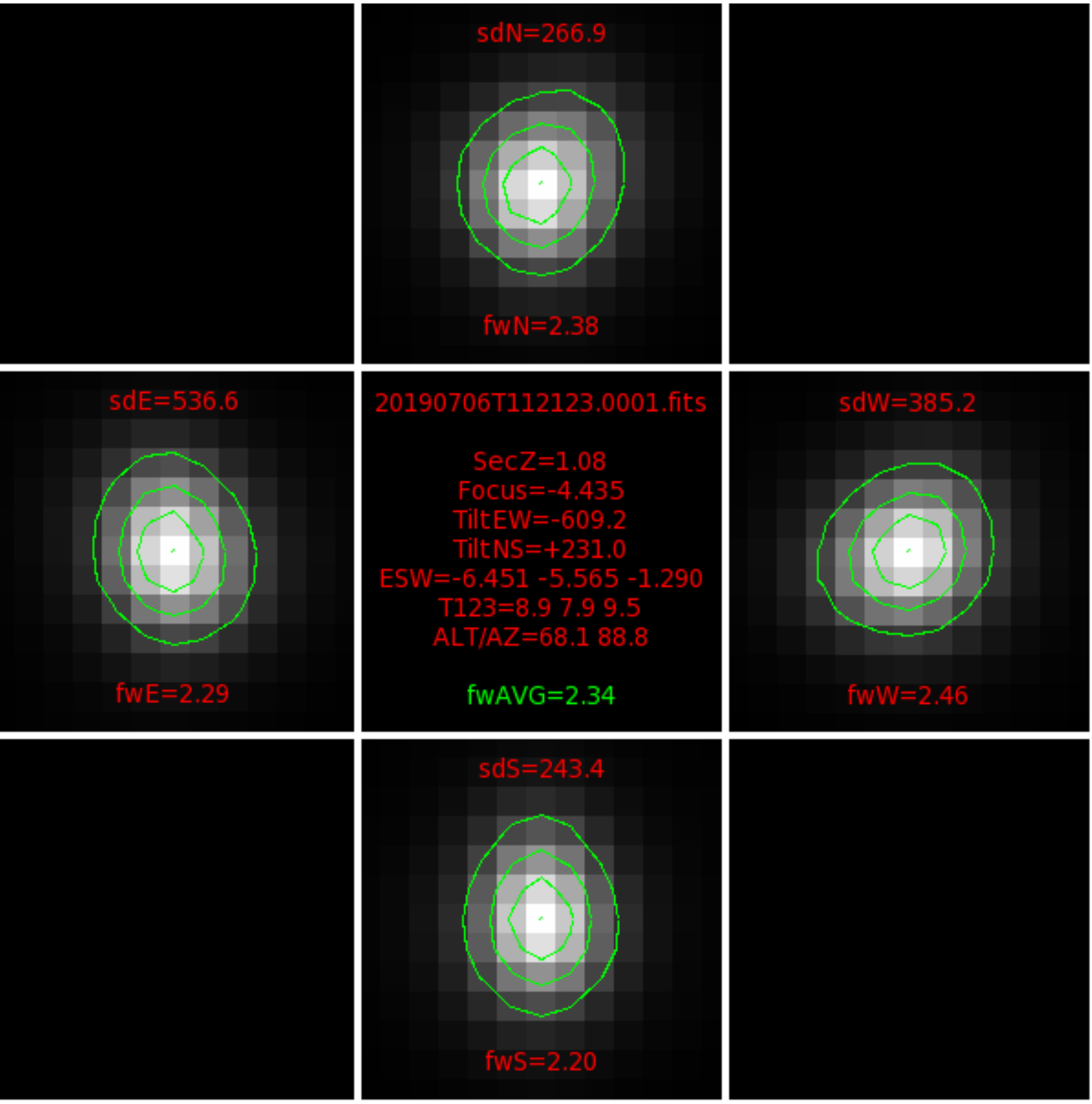
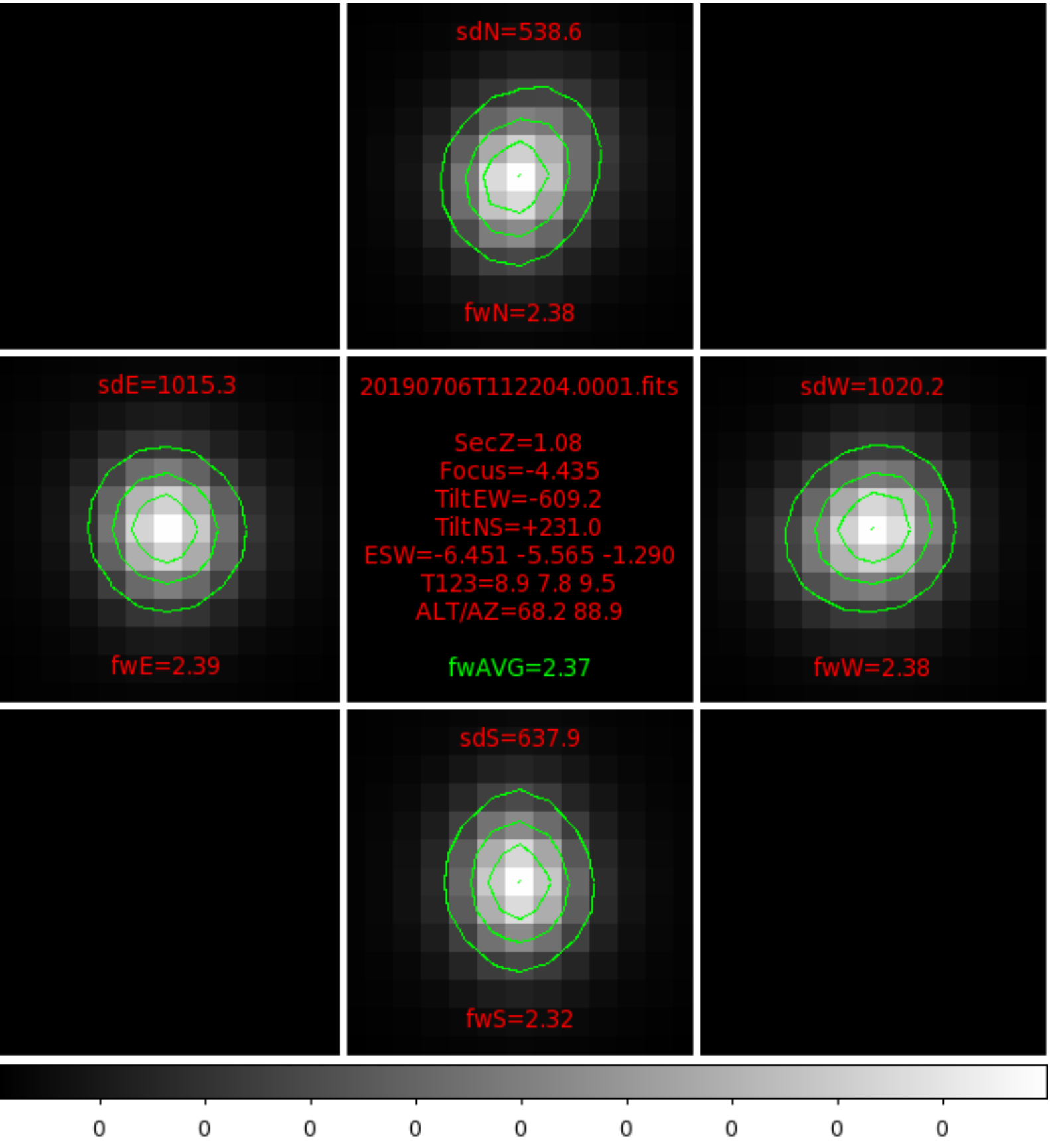

sdN=1012.3
fwN=3.42
sdE=582.2
fwE=3.27
20190706T112018.0001.fits
SecZ=1.08
Focus=-4.441
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.457 -5.571 -1.296
T123=8.9 7.9 9.4
ALT/AZ=68.2 83.1
fwAVG=3.20
sdW=374.0
fwW=3.14
sdS=294.5
fwS=2.96
0 0 0 0 0 0 0 0 0


sdN=266.9
fwN=2.38
sdE=536.6
fwE=2.29
20190706T112123.0001.fits
SecZ=1.08
Focus=-4.435
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.451 -5.565 -1.290
T123=8.9 7.9 9.5
ALT/AZ=68.1 88.8
fwAVG=2.34
sdW=385.2
fwW=2.46
sdS=243.4
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=538.6
fwN=2.38
sdE=1015.3
fwE=2.39
20190706T112204.0001.fits
SecZ=1.08
Focus=-4.435
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.451 -5.565 -1.290
T123=8.9 7.8 9.5
ALT/AZ=68.2 88.9
fwAVG=2.37
sdW=1020.2
fwW=2.38
sdS=637.9
fwS=2.32
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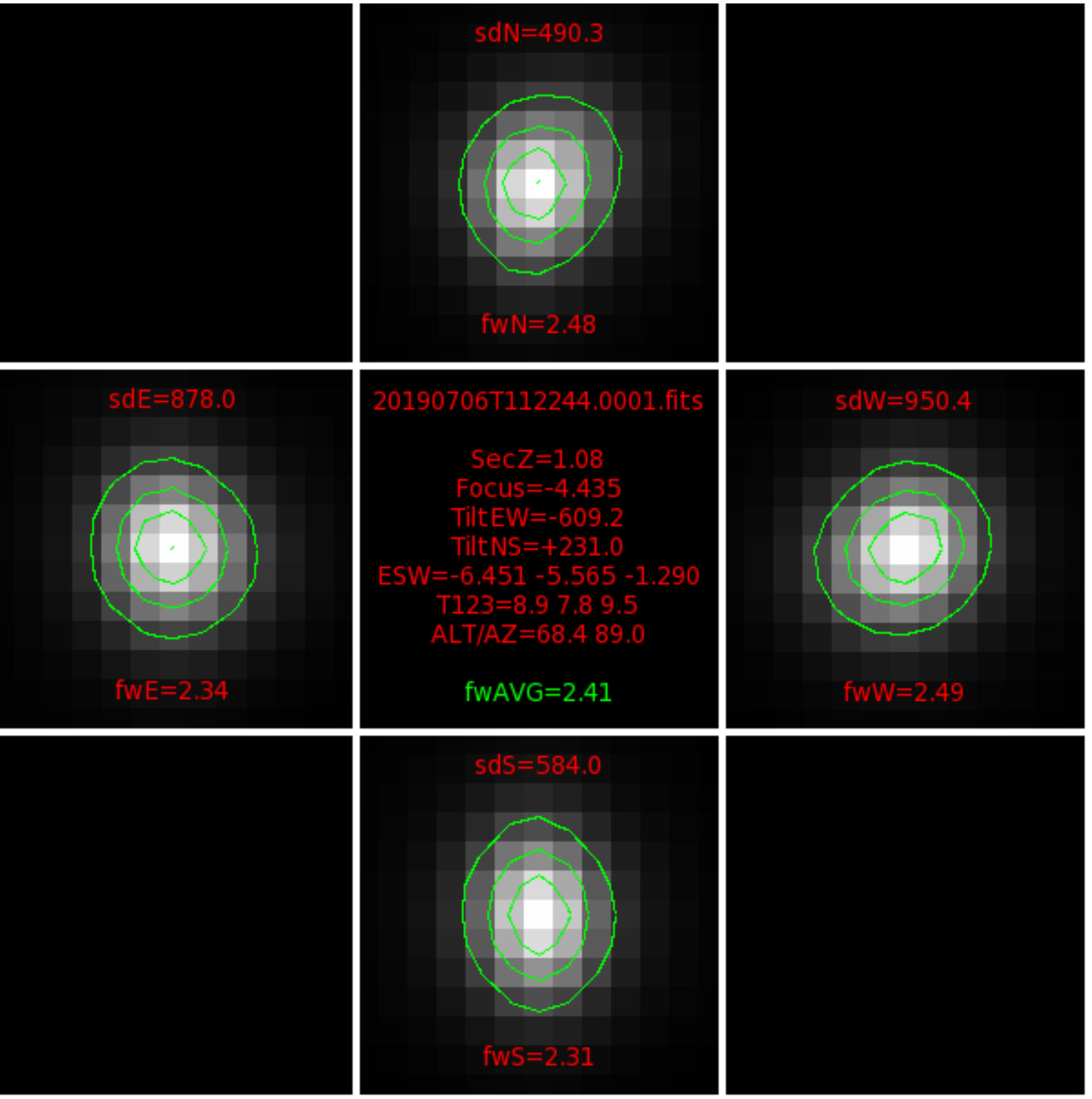
sdN=490.3
fwN=2.48
sdE=878.0
fwE=2.34
20190706T112244.0001.fits
SecZ=1.08
Focus=-4.435
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.451 -5.565 -1.290
T123=8.9 7.8 9.5
ALT/AZ=68.4 89.0
fwAVG=2.41
sdW=950.4
fwW=2.49
sdS=584.0
fwS=2.31
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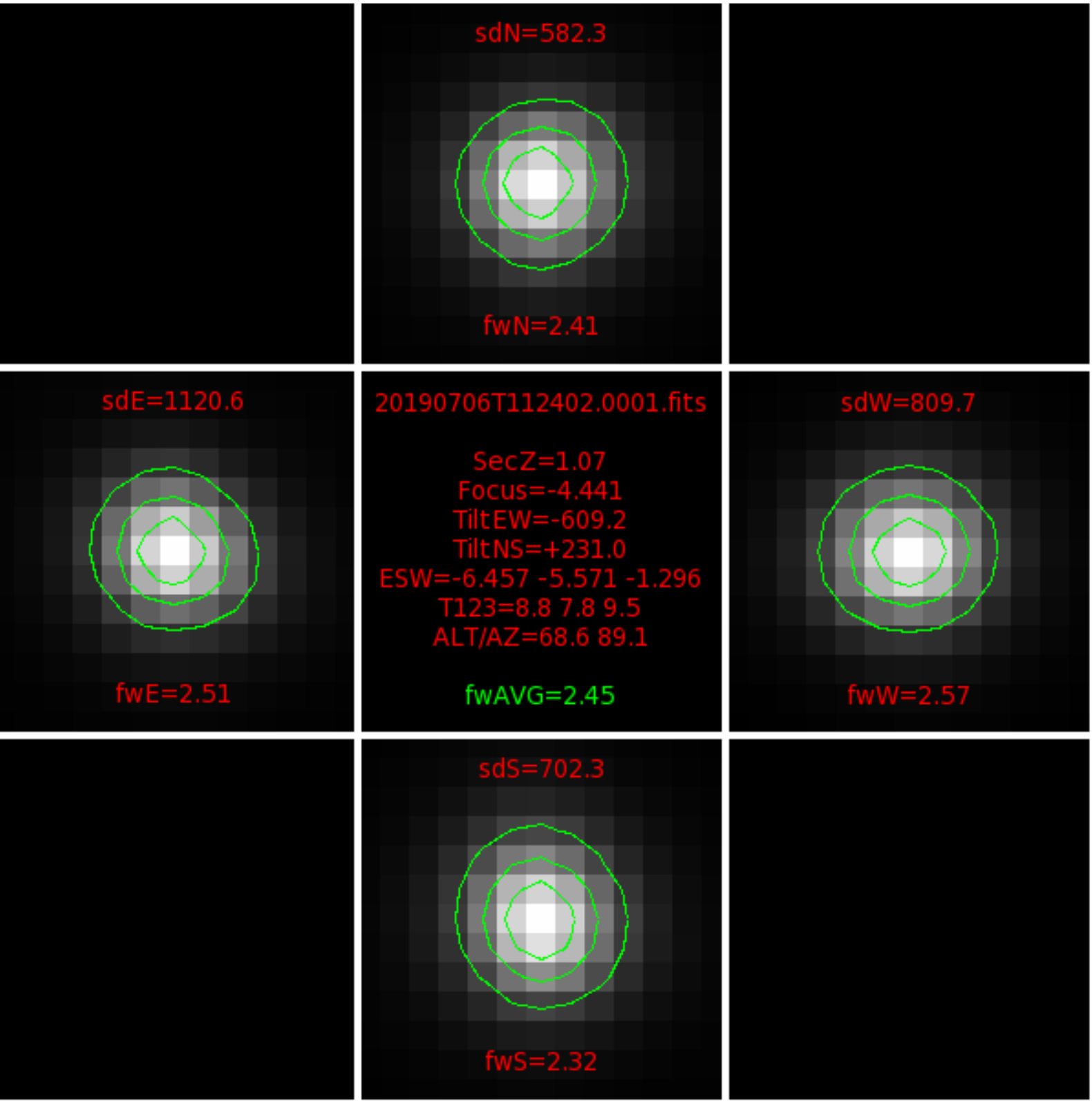
sdN=582.3
fwN=2.41
sdE=1120.6
fwE=2.51
20190706T112402.0001.fits
SecZ=1.07
Focus=-4.441
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.457 -5.571 -1.296
T123=8.8 7.8 9.5
ALT/AZ=68.6 89.1
fwAVG=2.45
sdW=809.7
fwW=2.57
sdS=702.3
fwS=2.32
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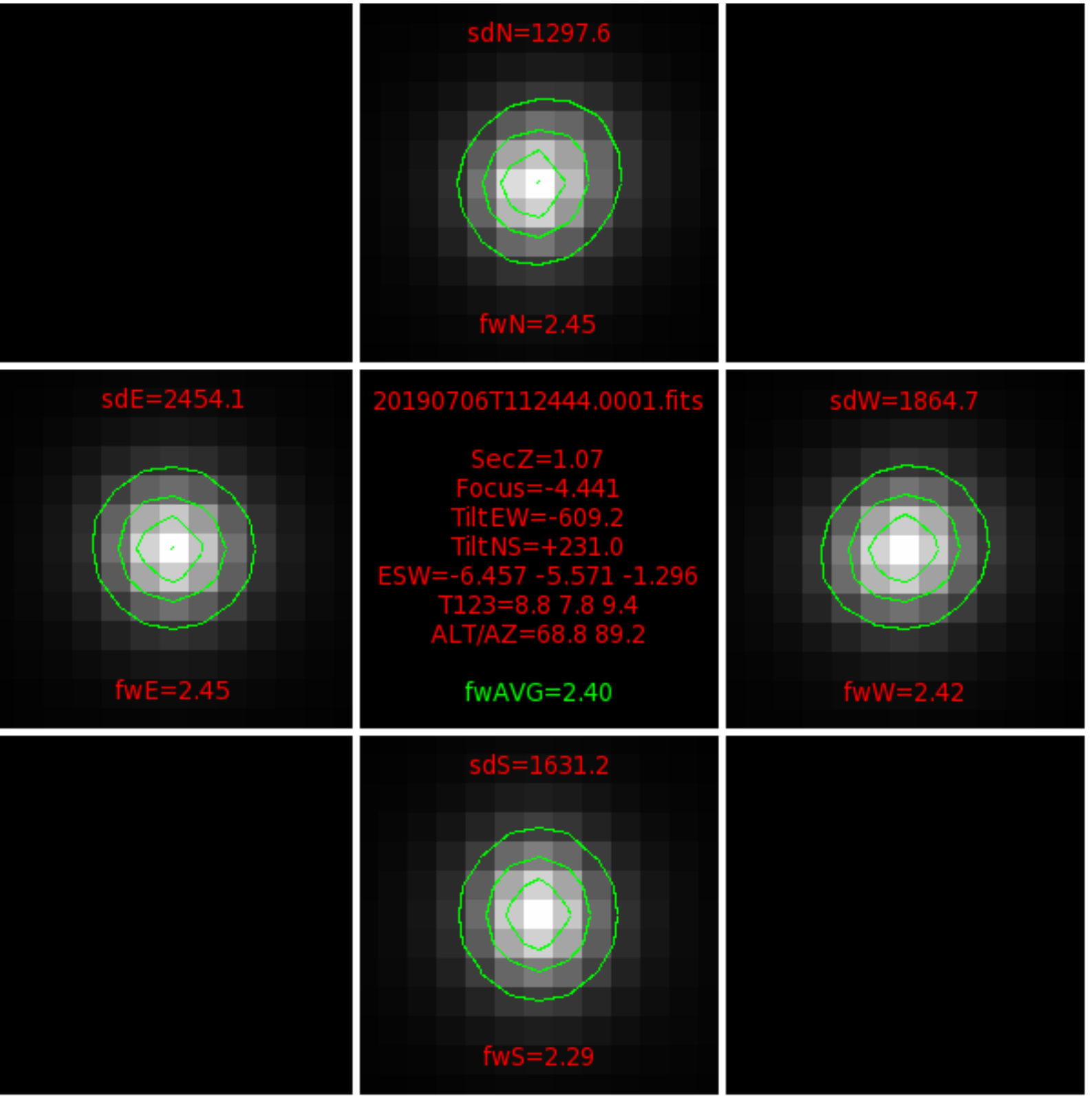
sdN=1297.6
fwN=2.45
sdE=2454.1
fwE=2.45
20190706T112444.0001.fits
SecZ=1.07
Focus=-4.441
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.457 -5.571 -1.296
T123=8.8 7.8 9.4
ALT/AZ=68.8 89.2
fwAVG=2.40
sdW=1864.7
fwW=2.42
sdS=1631.2
fwS=2.29
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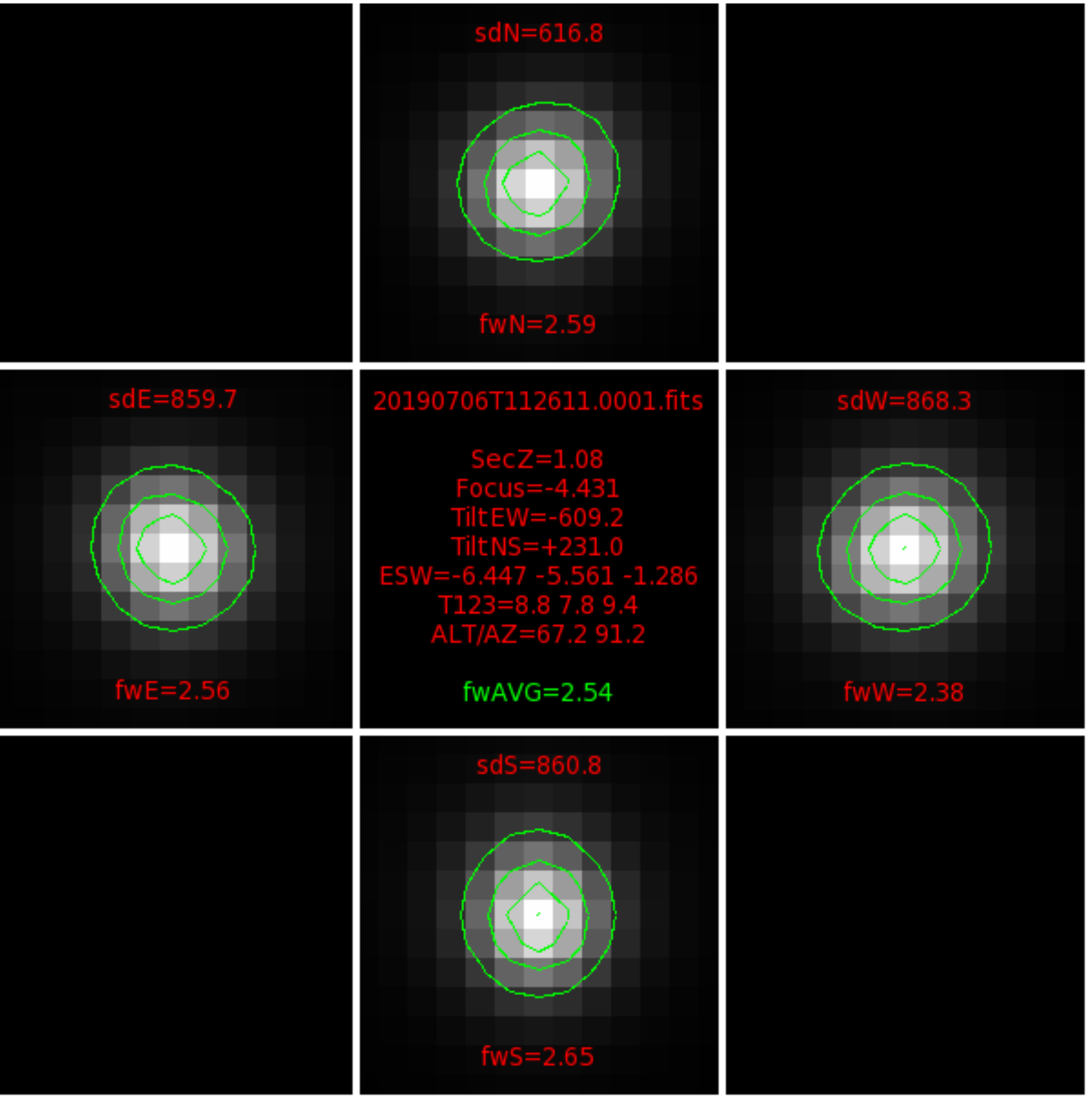
sdN=616.8
fwN=2.59
sdE=859.7
fwE=2.56
20190706T112611.0001.fits
SecZ=1.08
Focus=-4.431
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.447 -5.561 -1.286
T123=8.8 7.8 9.4
ALT/AZ=67.2 91.2
fwAVG=2.54
sdW=868.3
fwW=2.38
sdS=860.8
fwS=2.65
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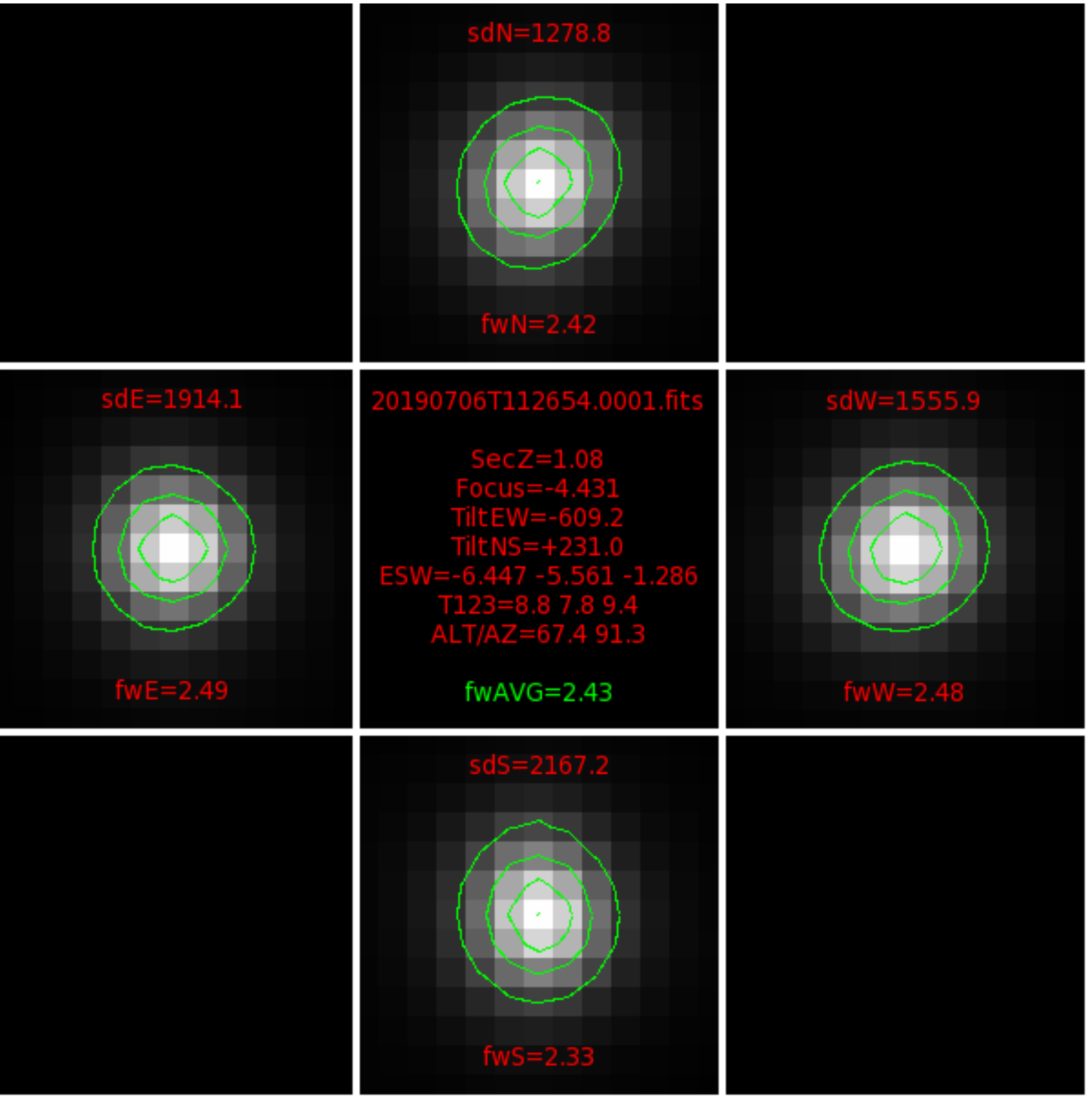
sdN=1278.8
fwN=2.42
sdE=1914.1
fwE=2.49
20190706T112654.0001.fits
SecZ=1.08
Focus=-4.431
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.447 -5.561 -1.286
T123=8.8 7.8 9.4
ALT/AZ=67.4 91.3
fwAVG=2.43
sdW=1555.9
fwW=2.48
sdS=2167.2
fwS=2.33
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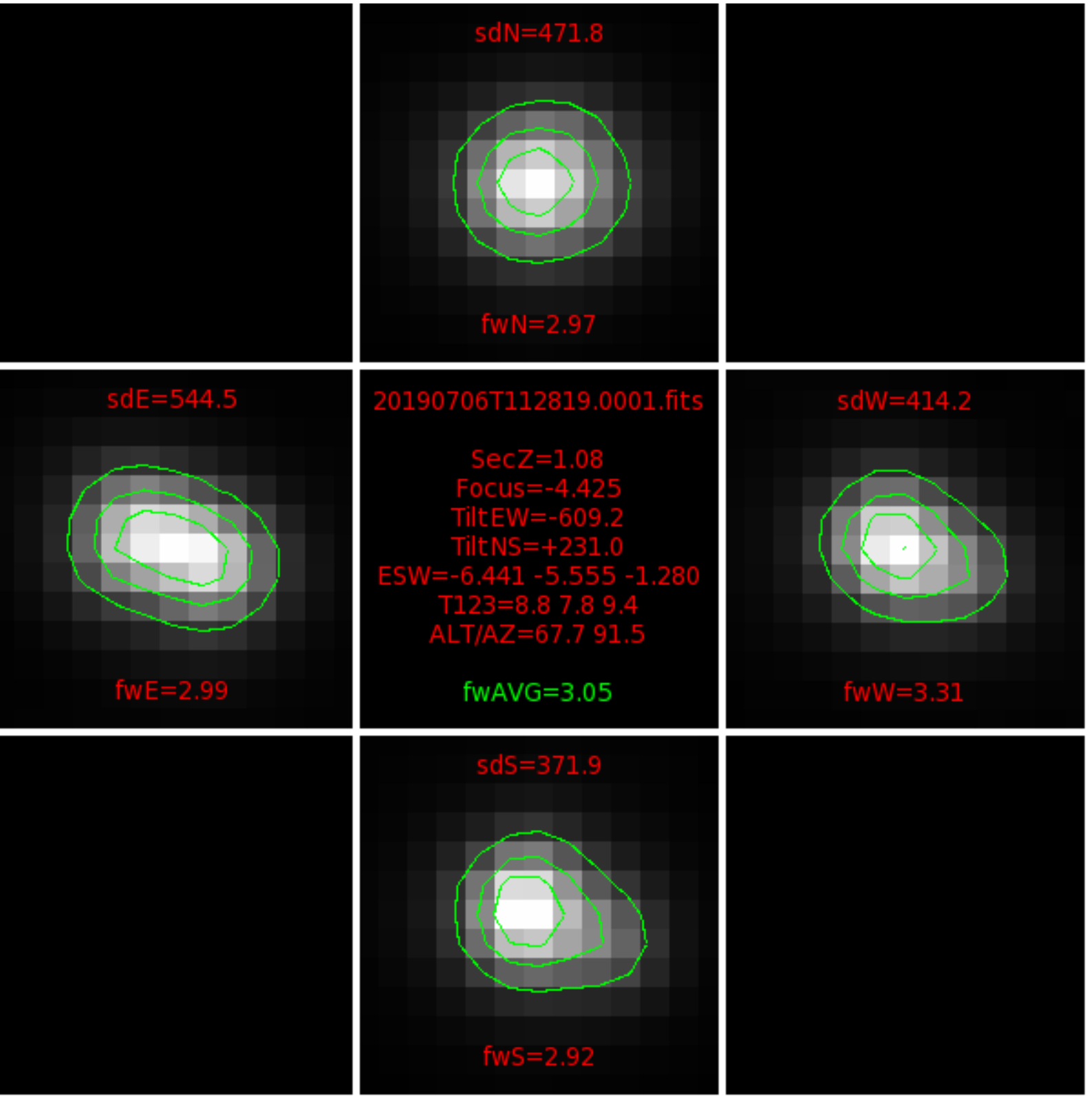
sdN=471.8
fwN=2.97
sdE=544.5
fwE=2.99
20190706T112819.0001.fits
SecZ=1.08
Focus=-4.425
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.441 -5.555 -1.280
T123=8.8 7.8 9.4
ALT/AZ=67.7 91.5
fwAVG=3.05
sdW=414.2
fwW=3.31
sdS=371.9
fwS=2.92
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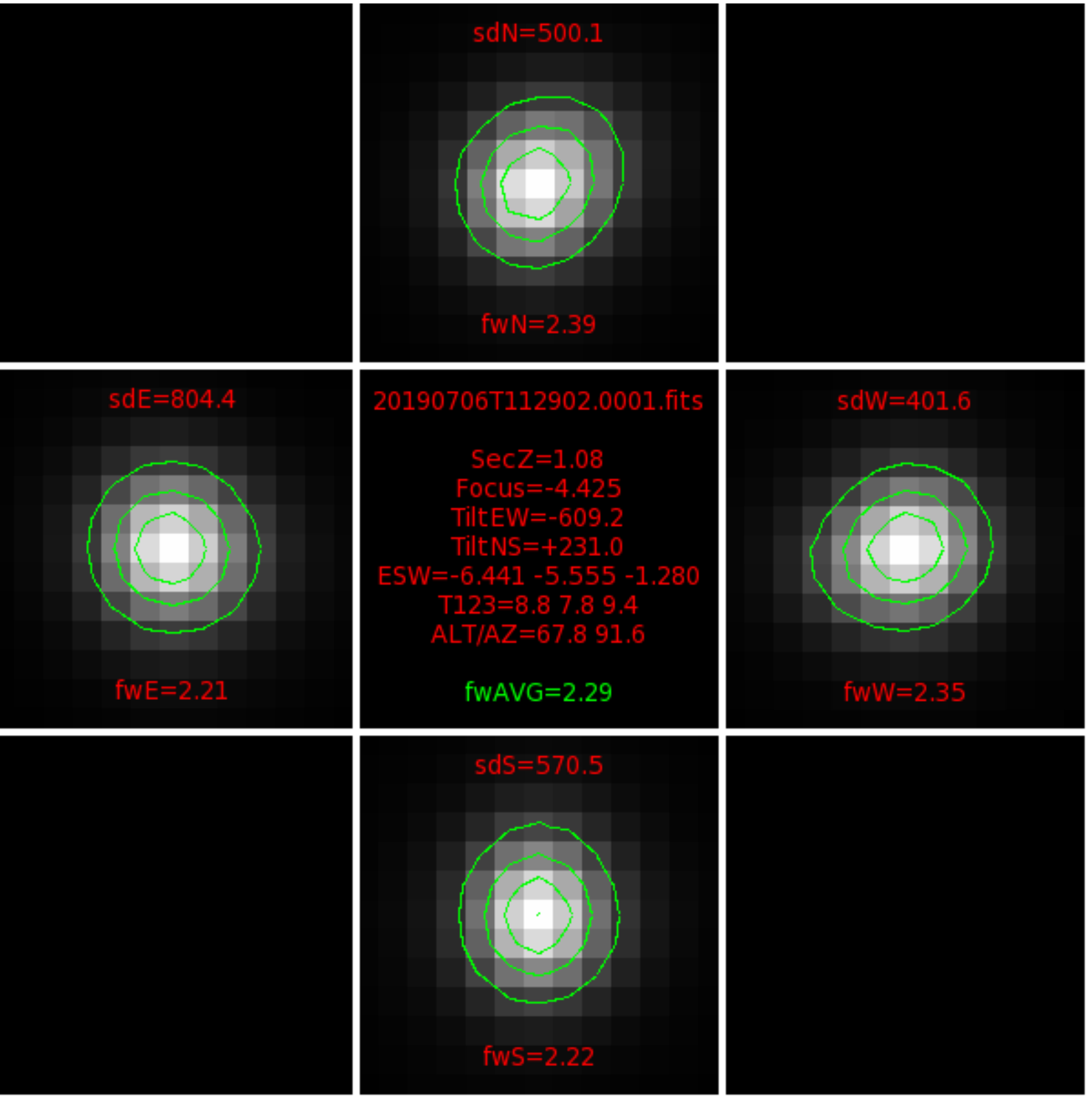
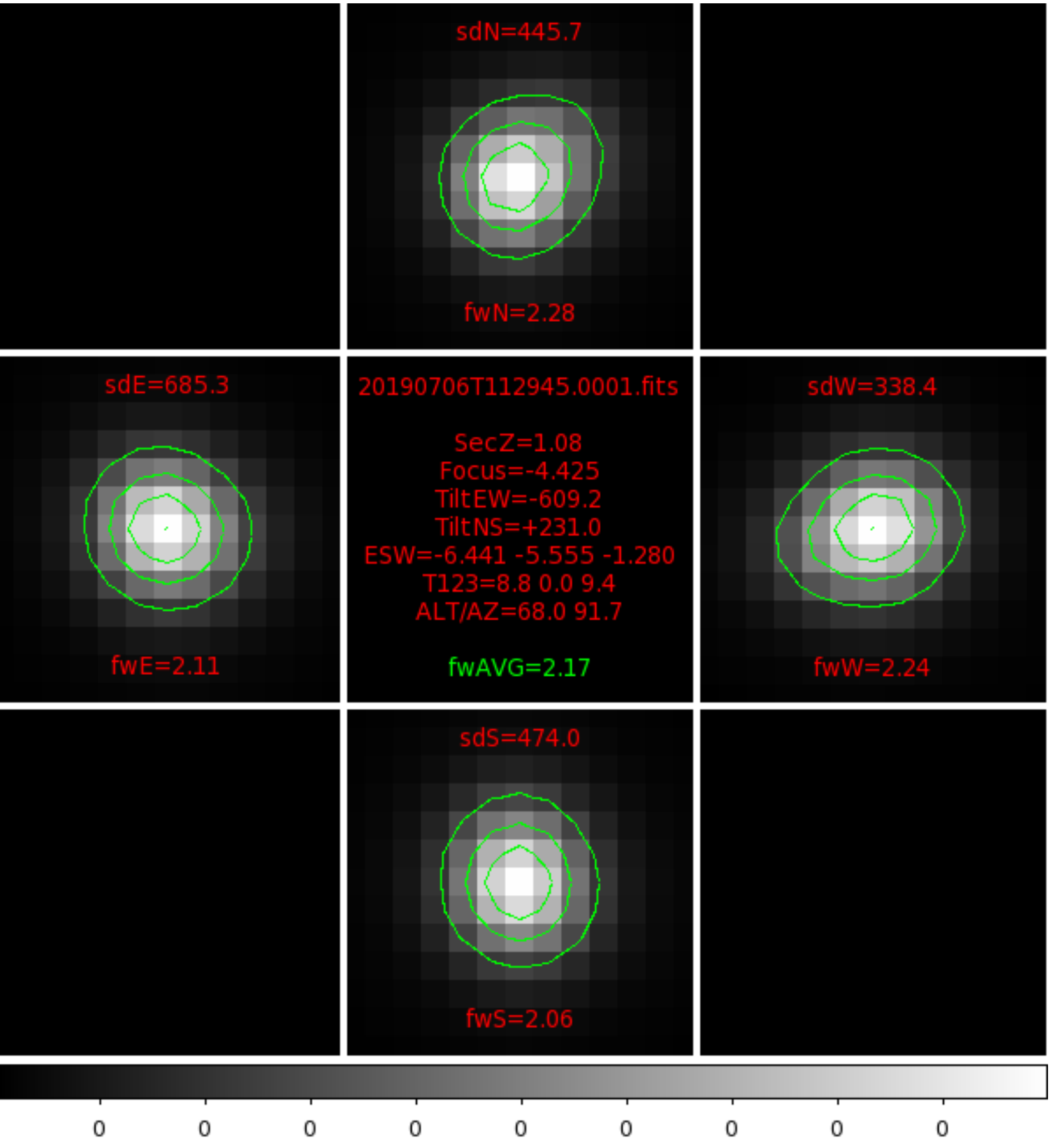

sdN=500.1
fwN=2.39
sdE=804.4
fwE=2.21
20190706T112902.0001.fits
SecZ=1.08
Focus=-4.425
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.441 -5.555 -1.280
T123=8.8 7.8 9.4
ALT/AZ=67.8 91.6
fwAVG=2.29
sdW=401.6
fwW=2.35
sdS=570.5
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=445.7
fwN=2.28
sdE=685.3
fwE=2.11
20190706T112945.0001.fits
SecZ=1.08
Focus=-4.425
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.441 -5.555 -1.280
T123=8.8 0.0 9.4
ALT/AZ=68.0 91.7
fwAVG=2.17
sdW=338.4
fwW=2.24
sdS=474.0
fwS=2.06
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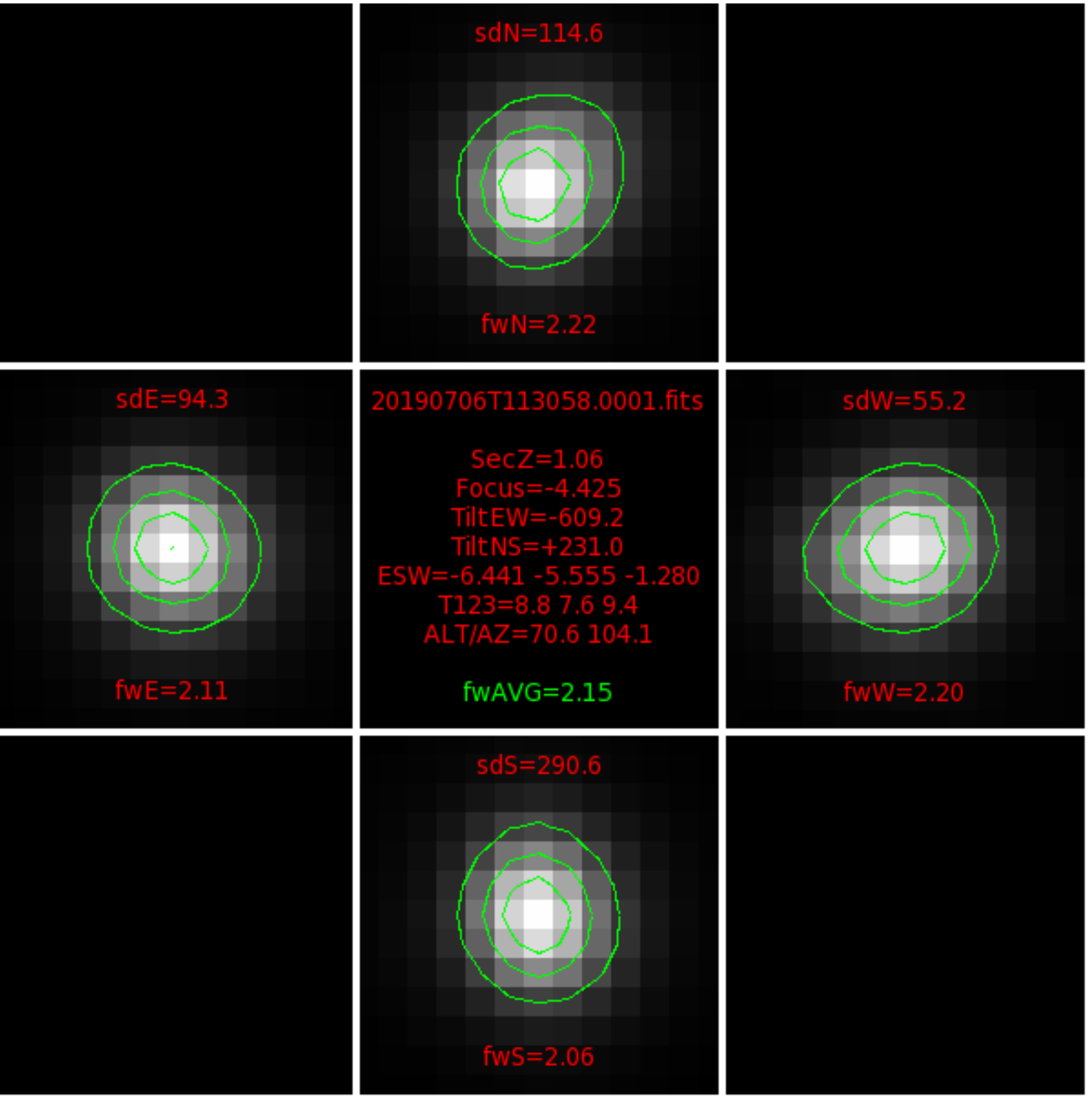
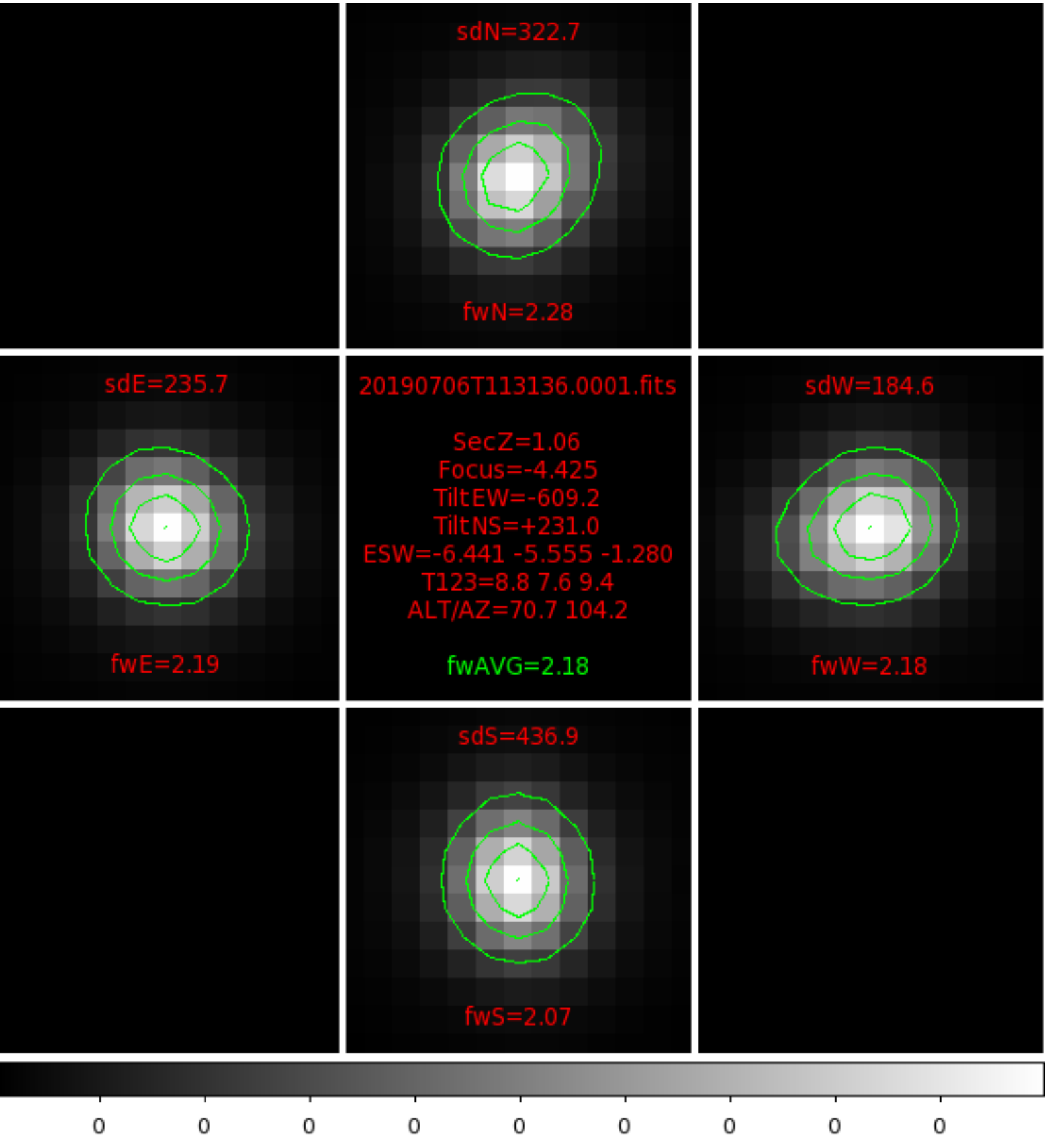
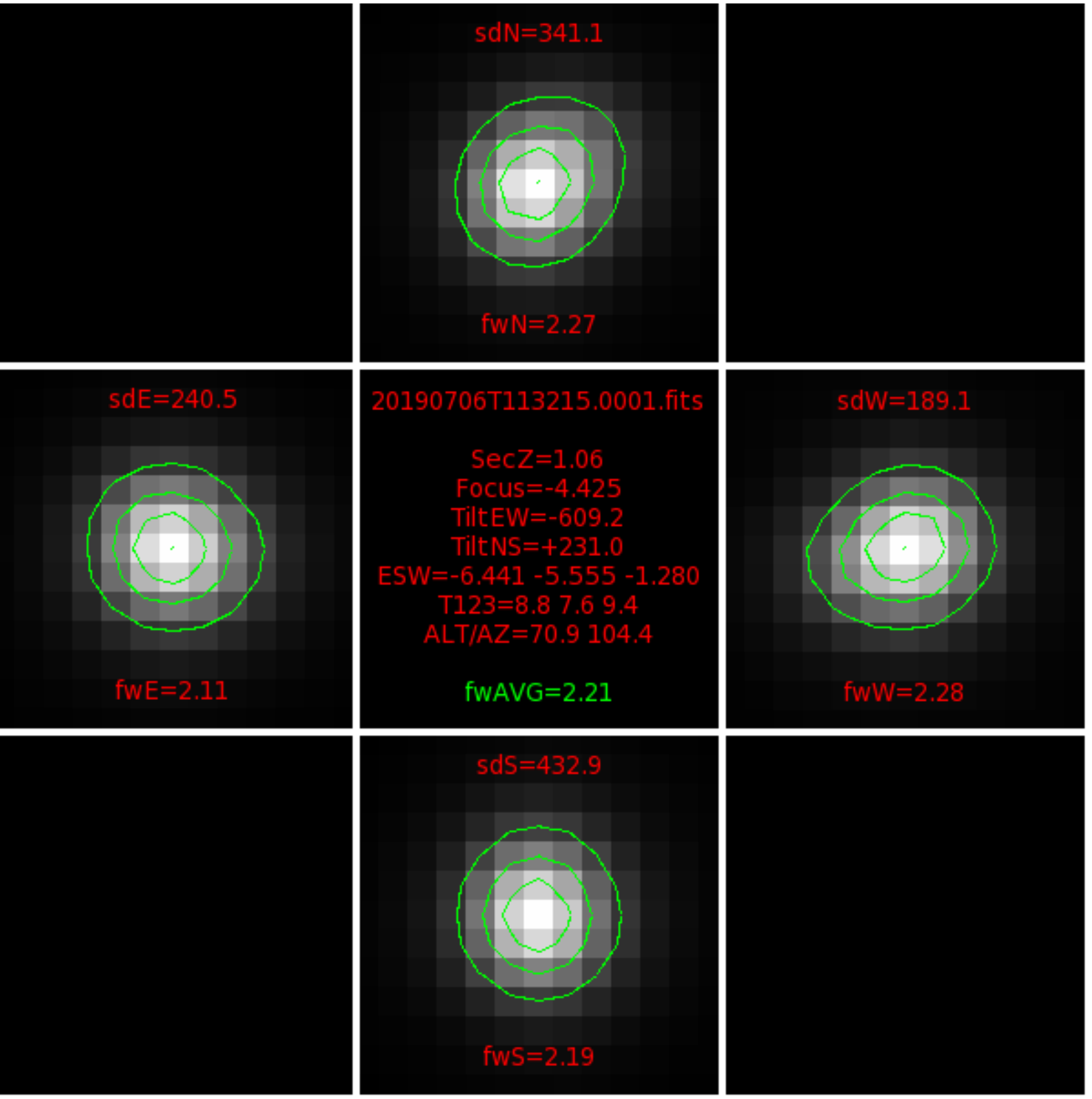

sdN=114.6
fwN=2.22
sdE=94.3
fwE=2.11
20190706T113058.0001.fits
SecZ=1.06
Focus=-4.425
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.441 -5.555 -1.280
T123=8.8 7.6 9.4
ALT/AZ=70.6 104.1
fwAVG=2.15
sdW=55.2
fwW=2.20
sdS=290.6
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=322.7
fwN=2.28
sdE=235.7
fwE=2.19
20190706T113136.0001.fits
SecZ=1.06
Focus=-4.425
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.441 -5.555 -1.280
T123=8.8 7.6 9.4
ALT/AZ=70.7 104.2
fwAVG=2.18
sdW=184.6
fwW=2.18
sdS=436.9
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=341.1
fwN=2.27
sdE=240.5
fwE=2.11
20190706T113215.0001.fits
SecZ=1.06
Focus=-4.425
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.441 -5.555 -1.280
T123=8.8 7.6 9.4
ALT/AZ=70.9 104.4
fwAVG=2.21
sdW=189.1
fwW=2.28
sdS=432.9
fwS=2.19
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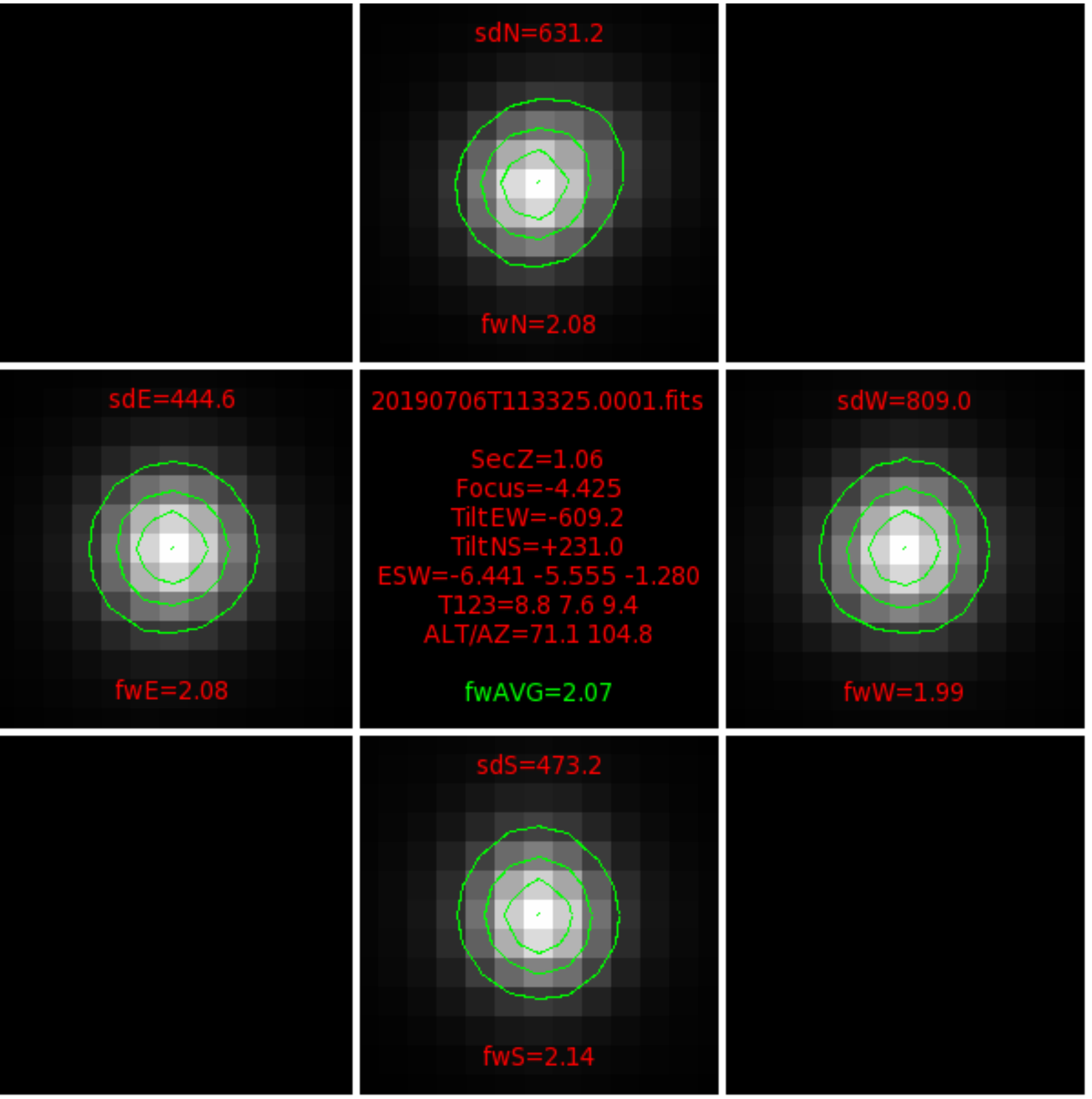
sdN=631.2
fwN=2.08
sdE=444.6
fwE=2.08
20190706T113325.0001.fits
SecZ=1.06
Focus=-4.425
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.441 -5.555 -1.280
T123=8.8 7.6 9.4
ALT/AZ=71.1 104.8
fwAVG=2.07
sdW=809.0
fwW=1.99
sdS=473.2
fwS=2.14
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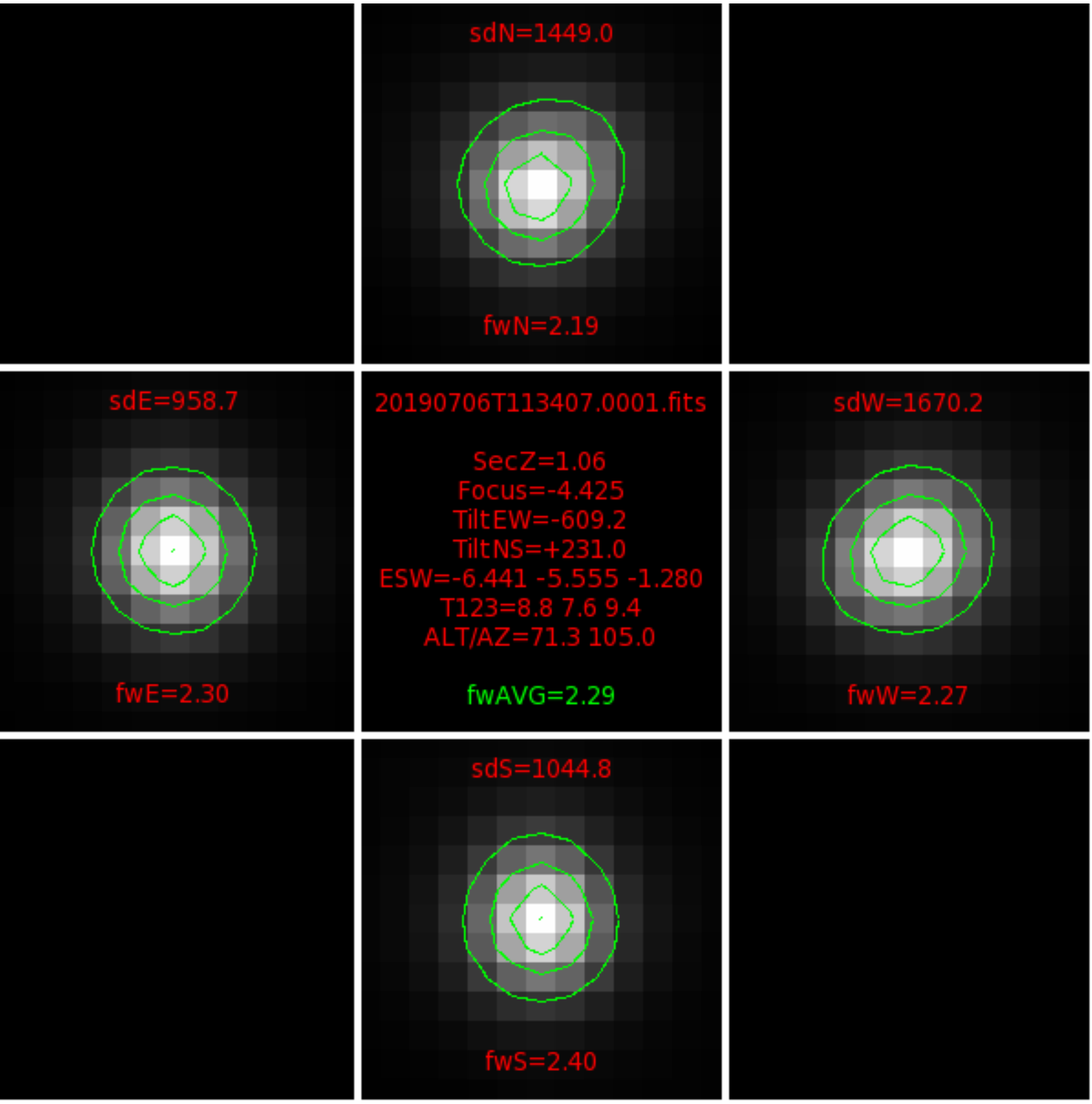
sdN=1449.0
fwN=2.19
sdE=958.7
fwE=2.30
20190706T113407.0001.fits
SecZ=1.06
Focus=-4.425
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.441 -5.555 -1.280
T123=8.8 7.6 9.4
ALT/AZ=71.3 105.0
fwAVG=2.29
sdW=1670.2
fwW=2.27
sdS=1044.8
fwS=2.40
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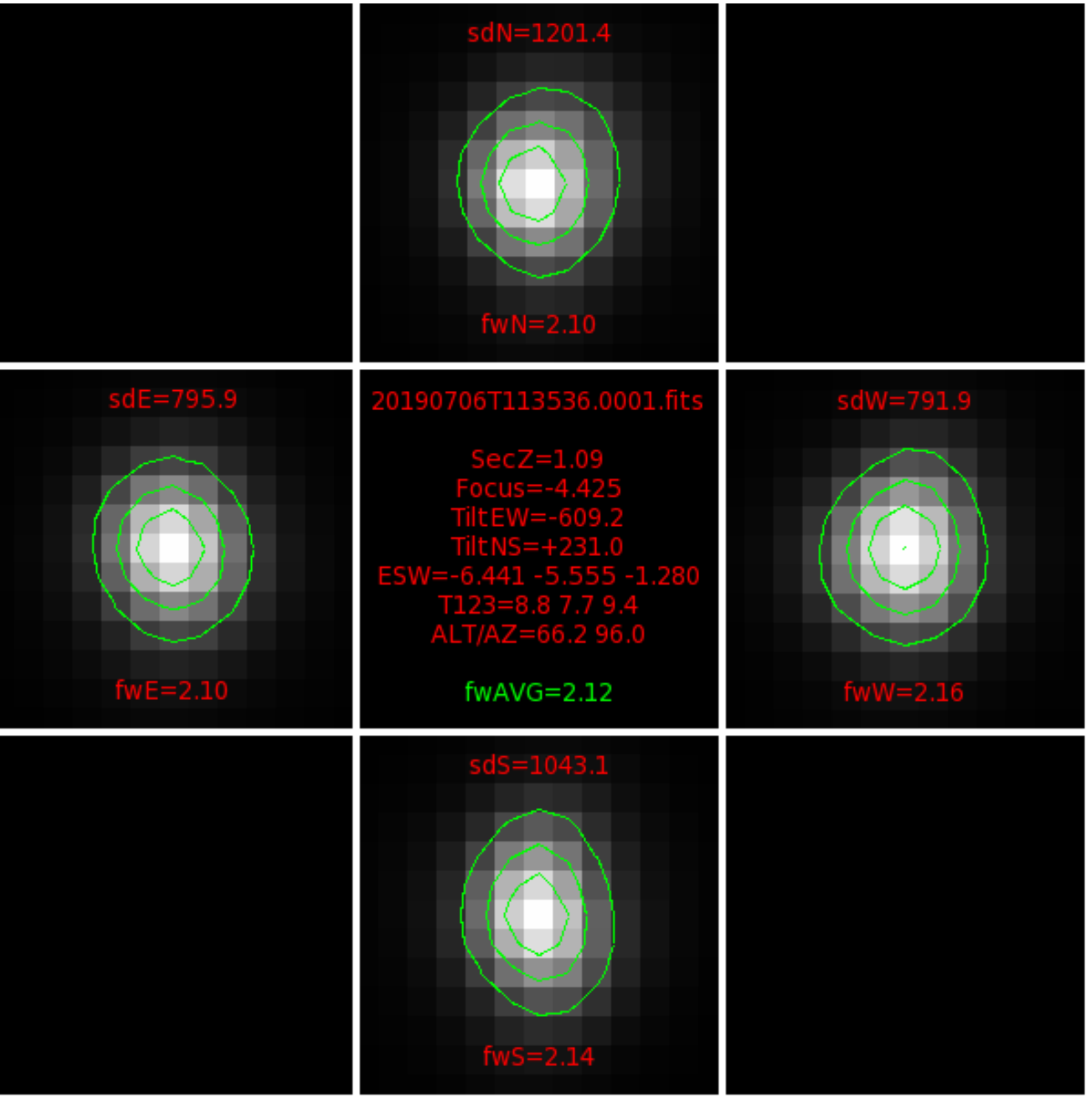
sdN=1201.4
fwN=2.10
sdE=795.9
fwE=2.10
20190706T113536.0001.fits
SecZ=1.09
Focus=-4.425
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.441 -5.555 -1.280
T123=8.8 7.7 9.4
ALT/AZ=66.2 96.0
fwAVG=2.12
sdW=791.9
fwW=2.16
sdS=1043.1
fwS=2.14
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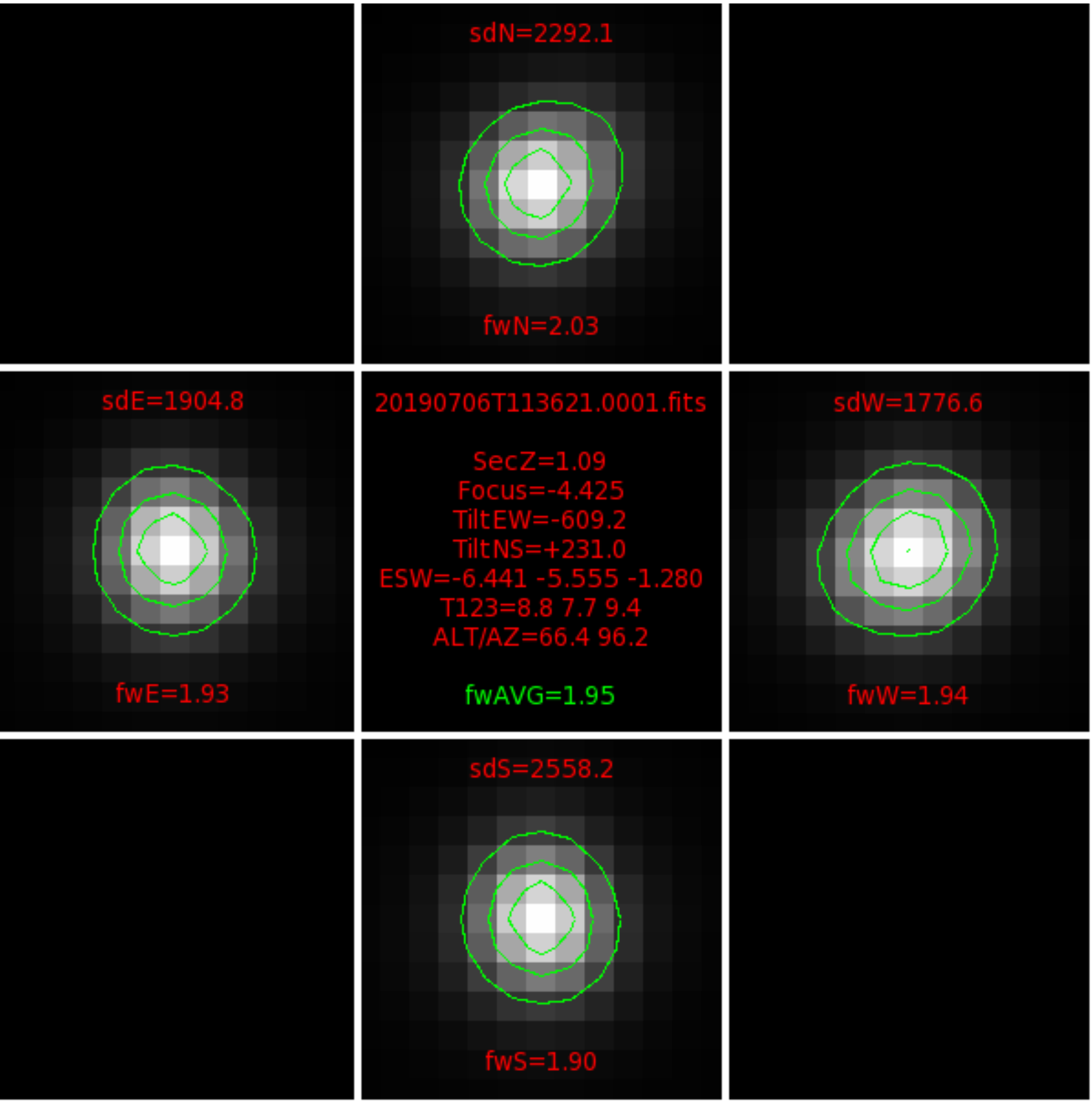
sdN=2292.1
fwN=2.03
sdE=1904.8
fwE=1.93
20190706T113621.0001.fits
SecZ=1.09
Focus=-4.425
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.441 -5.555 -1.280
T123=8.8 7.7 9.4
ALT/AZ=66.4 96.2
fwAVG=1.95
sdW=1776.6
fwW=1.94
sdS=2558.2
fwS=1.90
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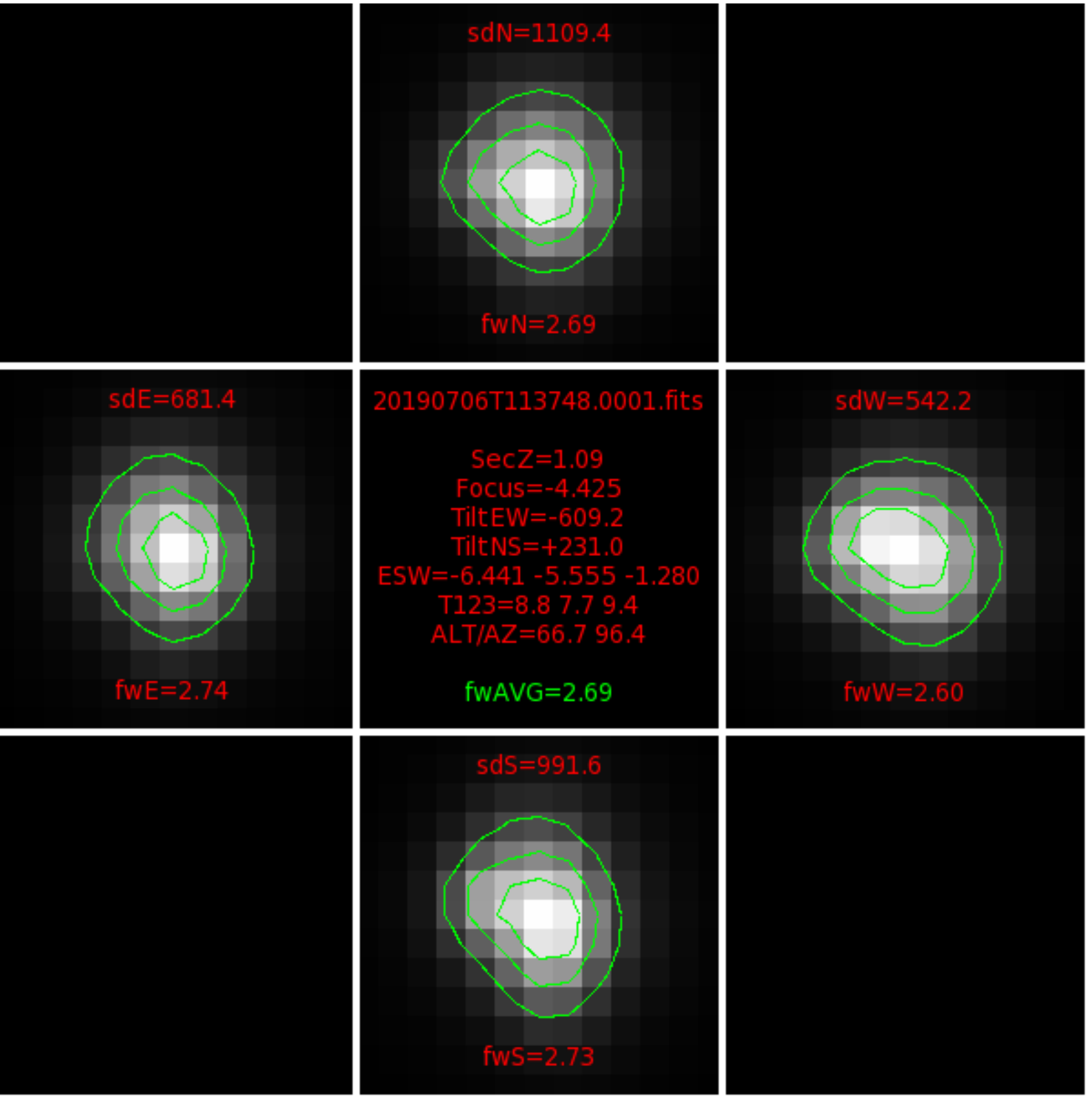
sdN=1109.4
fwN=2.69
sdE=681.4
fwE=2.74
20190706T113748.0001.fits
SecZ=1.09
Focus=-4.425
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.441 -5.555 -1.280
T123=8.8 7.7 9.4
ALT/AZ=66.7 96.4
fwAVG=2.69
sdW=542.2
fwW=2.60
sdS=991.6
fwS=2.73
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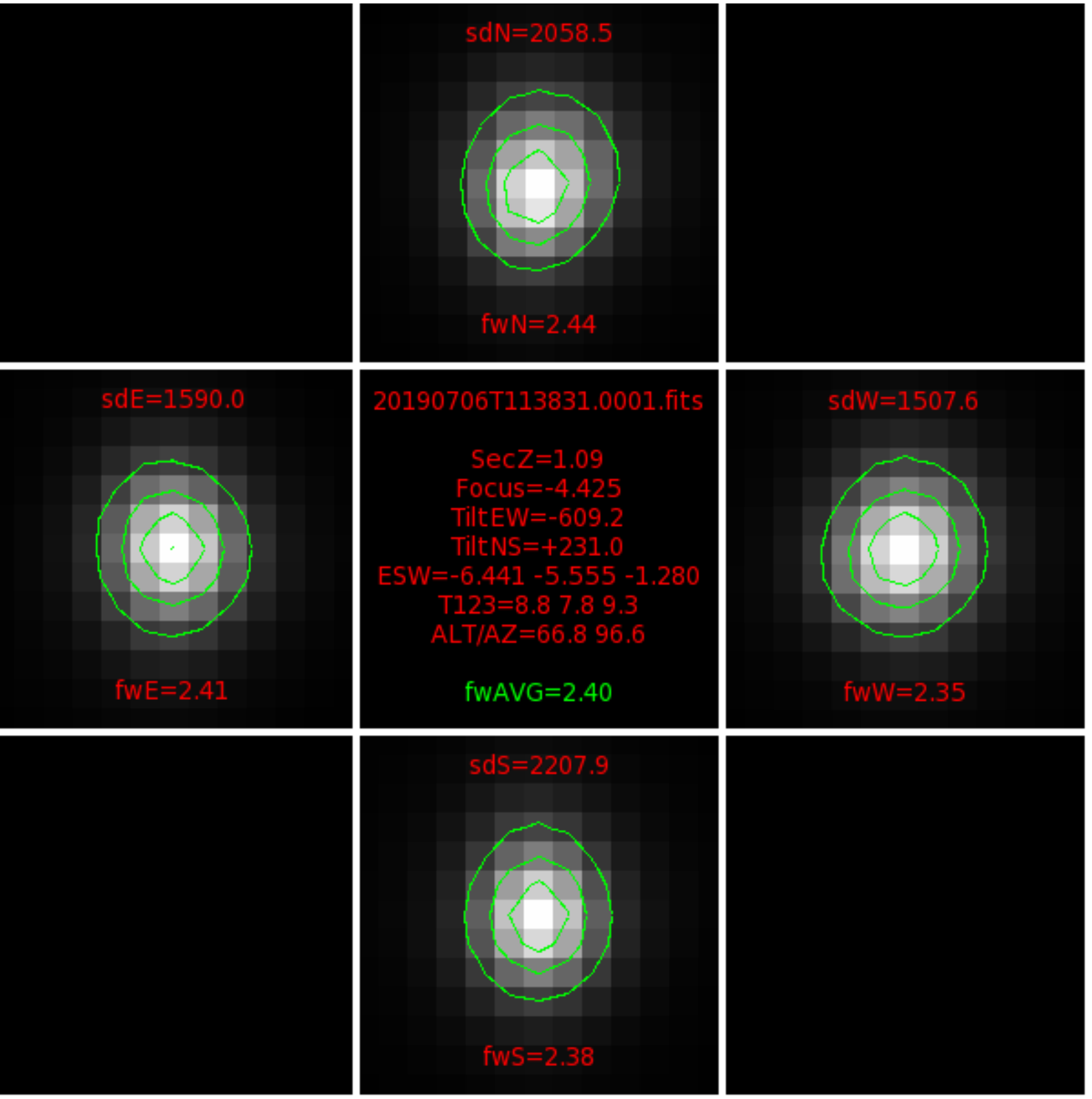
sdN=2058.5
fwN=2.44
sdE=1590.0
fwE=2.41
20190706T113831.0001.fits
SecZ=1.09
Focus=-4.425
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.441 -5.555 -1.280
T123=8.8 7.8 9.3
ALT/AZ=66.8 96.6
fwAVG=2.40
sdW=1507.6
fwW=2.35
sdS=2207.9
fwS=2.38
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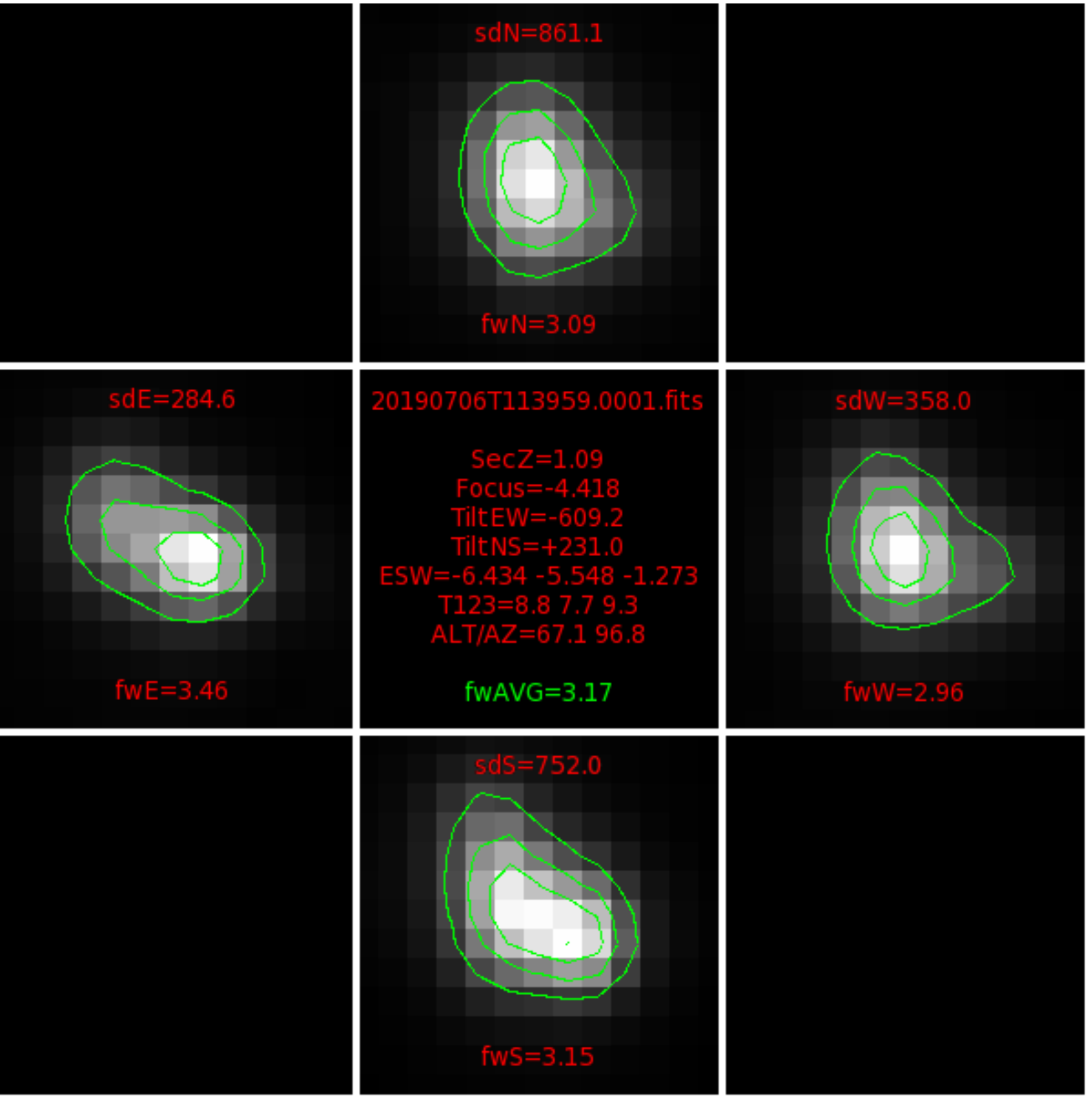
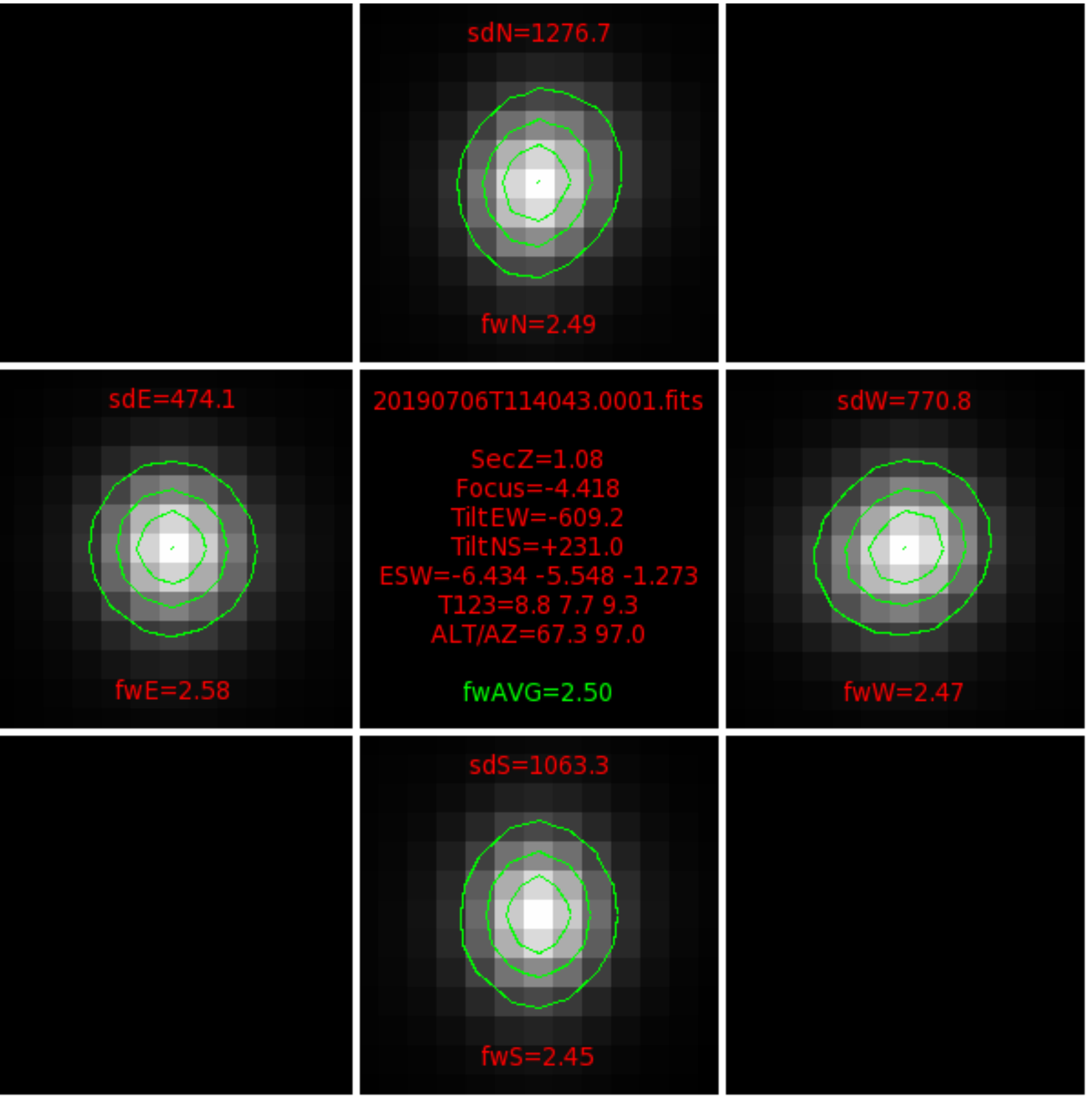

sdN=861.1
fwN=3.09
sdE=284.6
fwE=3.46
20190706T113959.0001.fits
SecZ=1.09
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.7 9.3
ALT/AZ=67.1 96.8
fwAVG=3.17
sdW=358.0
fwW=2.96
sdS=752.0
fwS=3.15
0 0 0 0 0 0 0 0 0


sdN=1276.7
fwN=2.49
sdE=474.1
fwE=2.58
20190706T114043.0001.fits
SecZ=1.08
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.7 9.3
ALT/AZ=67.3 97.0
fwAVG=2.50
sdW=770.8
fwW=2.47
sdS=1063.3
fwS=2.45
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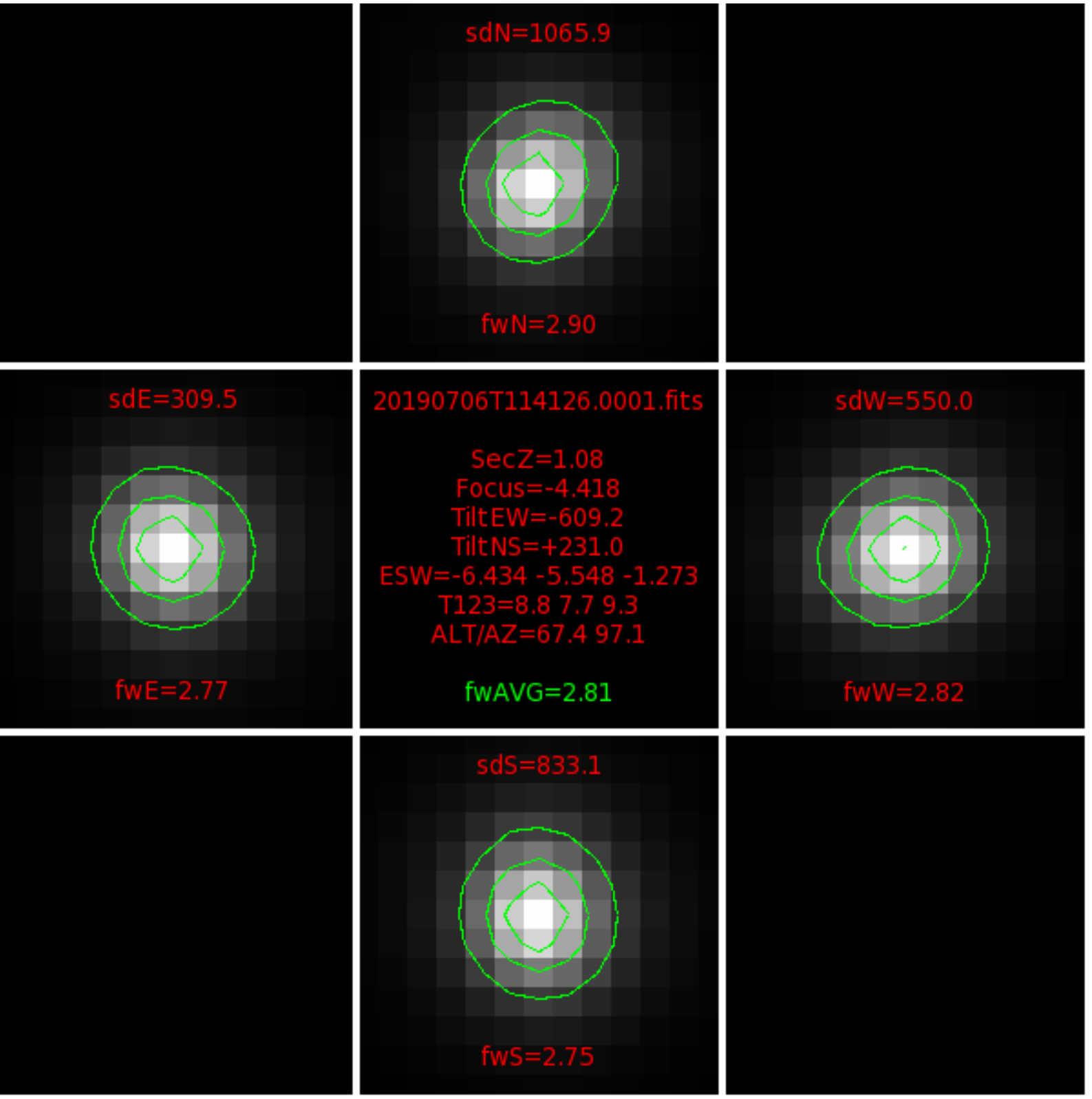
sdN=1065.9
fwN=2.90
sdE=309.5
fwE=2.77
20190706T114126.0001.fits
SecZ=1.08
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.7 9.3
ALT/AZ=67.4 97.1
fwAVG=2.81
sdW=550.0
fwW=2.82
sdS=833.1
fwS=2.75
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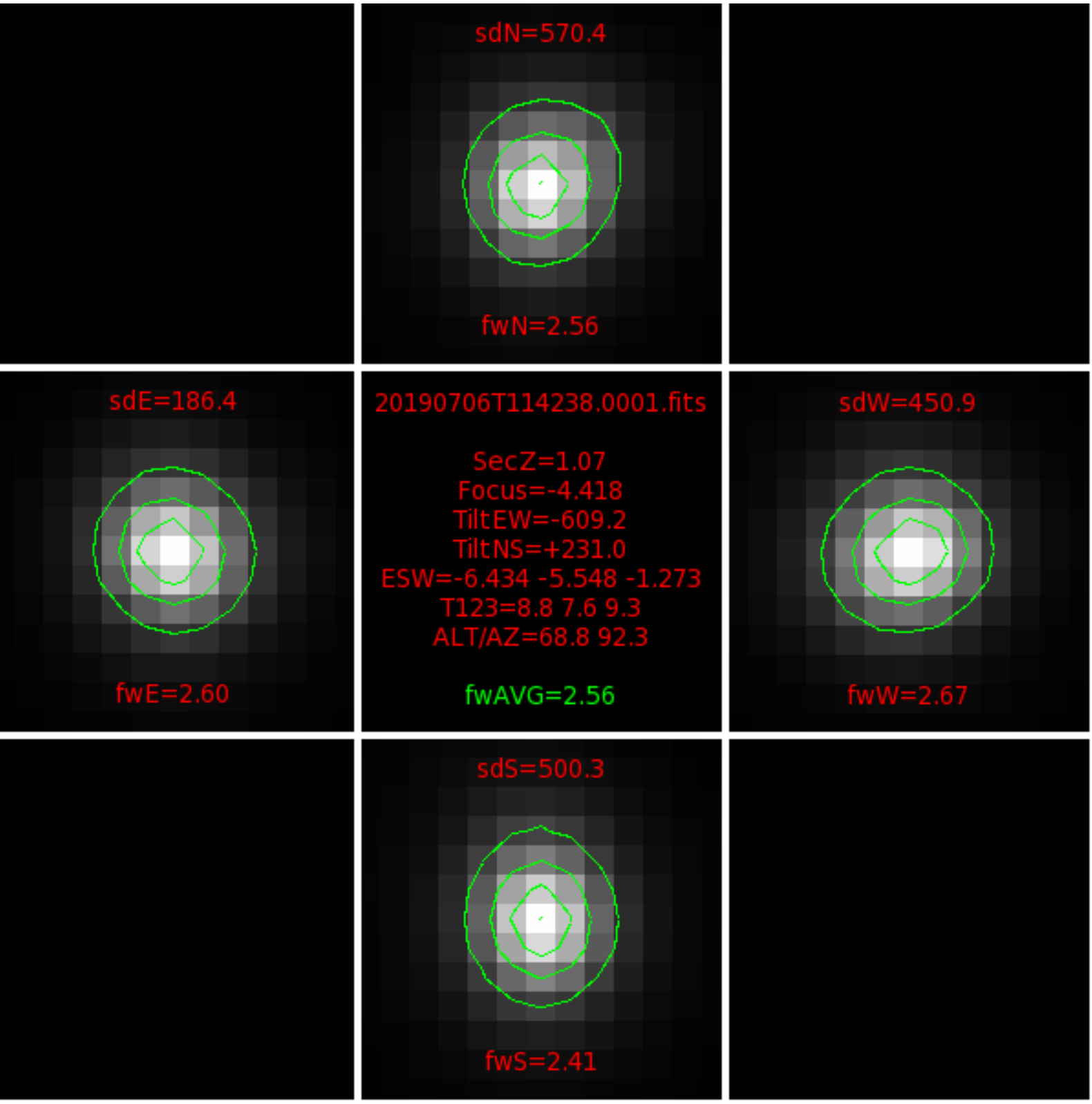
sdN=570.4
fwN=2.56
sdE=186.4
fwE=2.60
20190706T114238.0001.fits
SecZ=1.07
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.6 9.3
ALT/AZ=68.8 92.3
fwAVG=2.56
sdW=450.9
fwW=2.67
sdS=500.3
fwS=2.41
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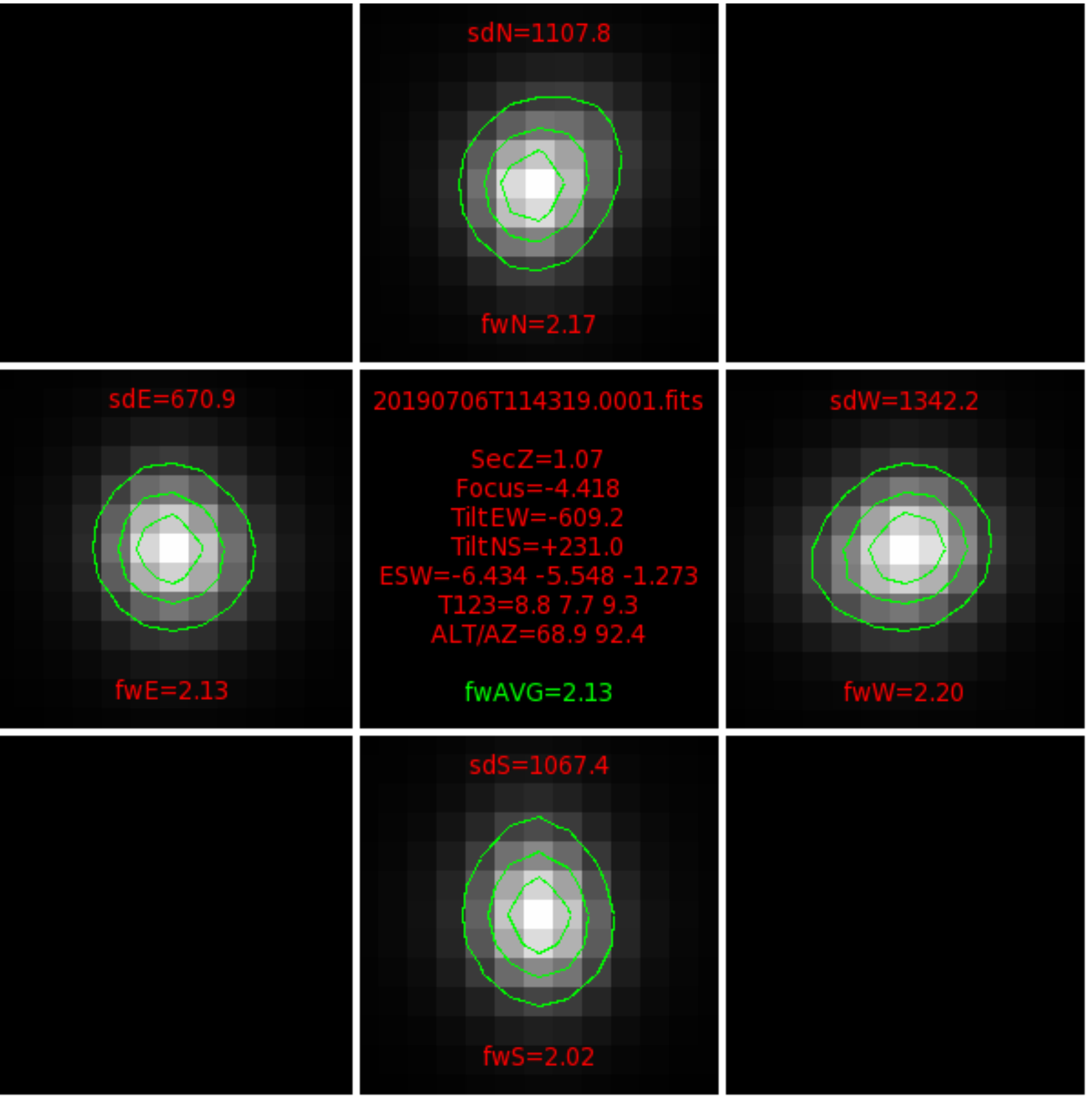
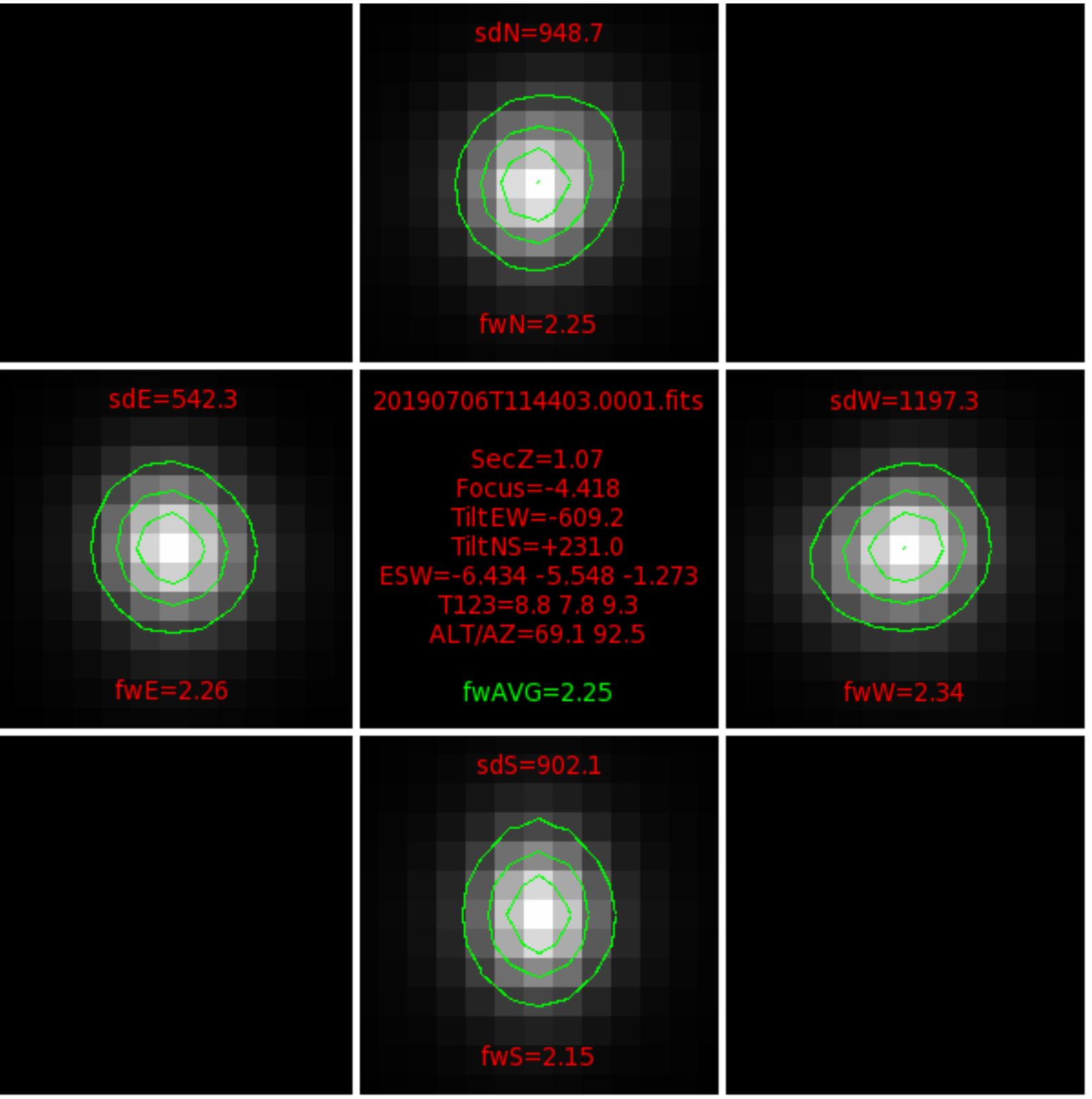

sdN=1107.8
fwN=2.17
sdE=670.9
fwE=2.13
20190706T114319.0001.fits
SecZ=1.07
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.7 9.3
ALT/AZ=68.9 92.4
fwAVG=2.13
sdW=1342.2
fwW=2.20
sdS=1067.4
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=948.7
fwN=2.25
sdE=542.3
fwE=2.26
20190706T114403.0001.fits
SecZ=1.07
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.8 9.3
ALT/AZ=69.1 92.5
fwAVG=2.25
sdW=1197.3
fwW=2.34
sdS=902.1
fwS=2.15
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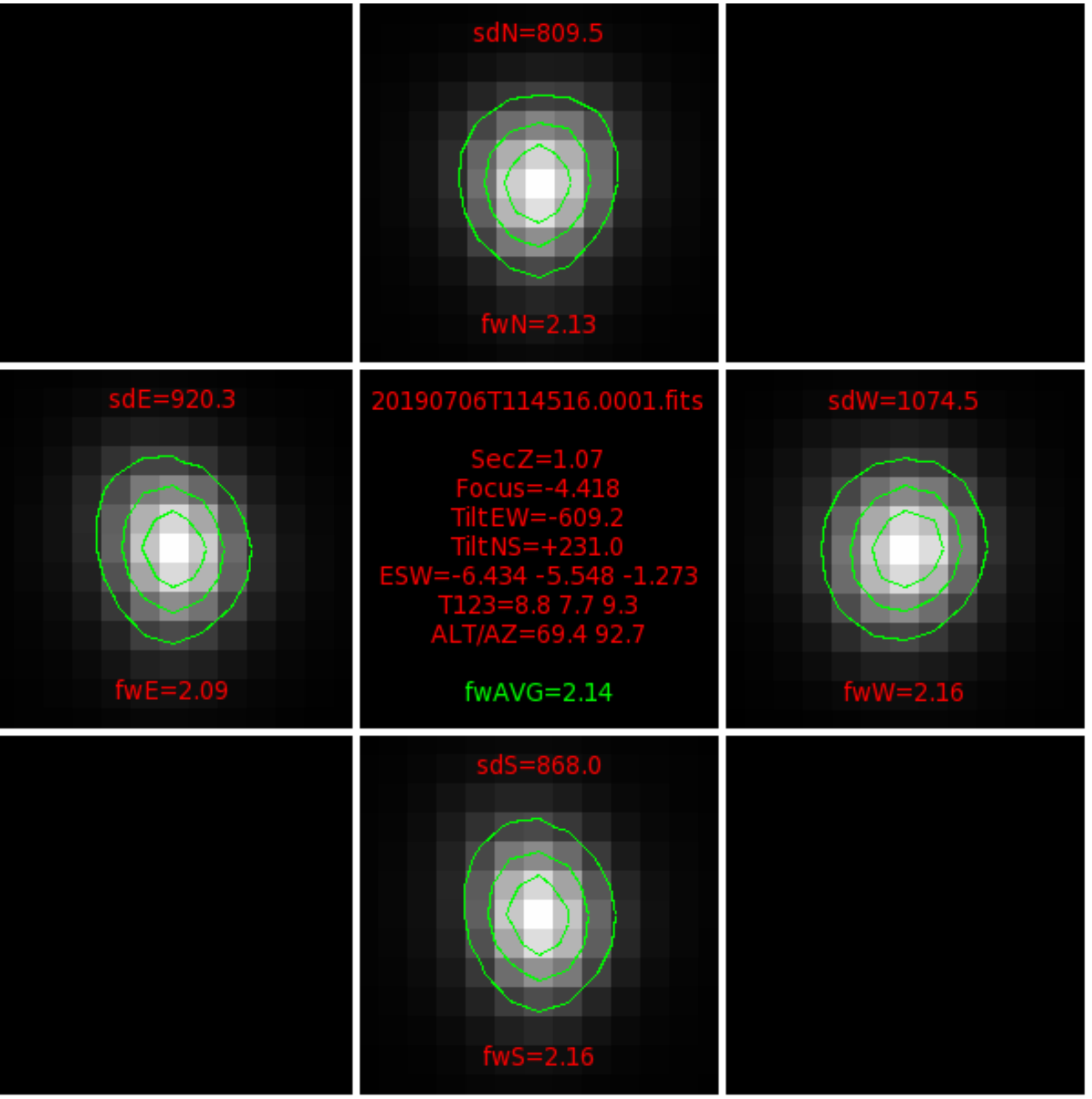
sdN=809.5
fwN=2.13
sdE=920.3
fwE=2.09
20190706T114516.0001.fits
SecZ=1.07
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.7 9.3
ALT/AZ=69.4 92.7
fwAVG=2.14
sdW=1074.5
fwW=2.16
sdS=868.0
fwS=2.16
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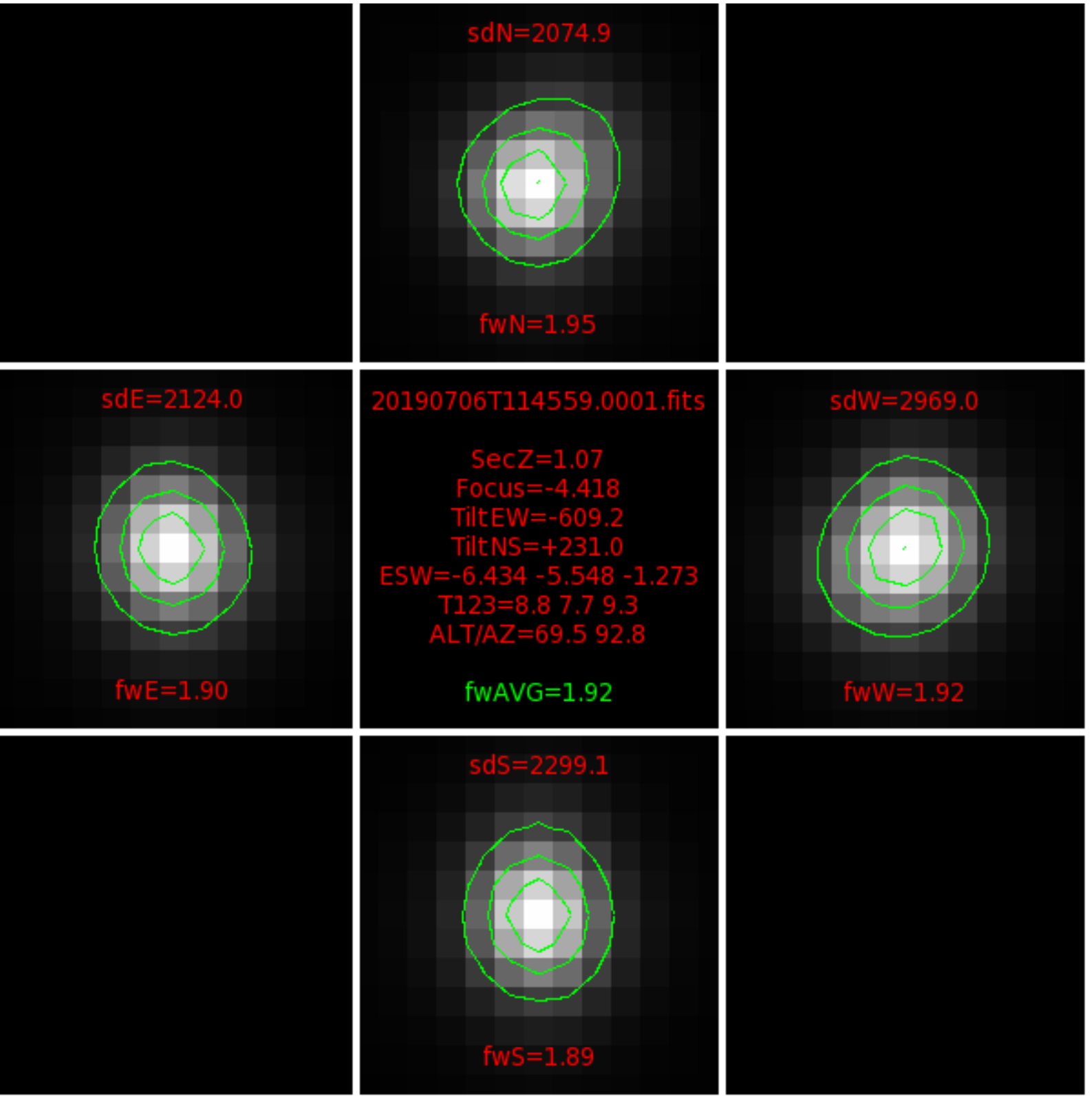
sdN=2074.9
fwN=1.95
sdE=2124.0
fwE=1.90
20190706T114559.0001.fits
SecZ=1.07
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.7 9.3
ALT/AZ=69.5 92.8
fwAVG=1.92
sdW=2969.0
fwW=1.92
sdS=2299.1
fwS=1.89
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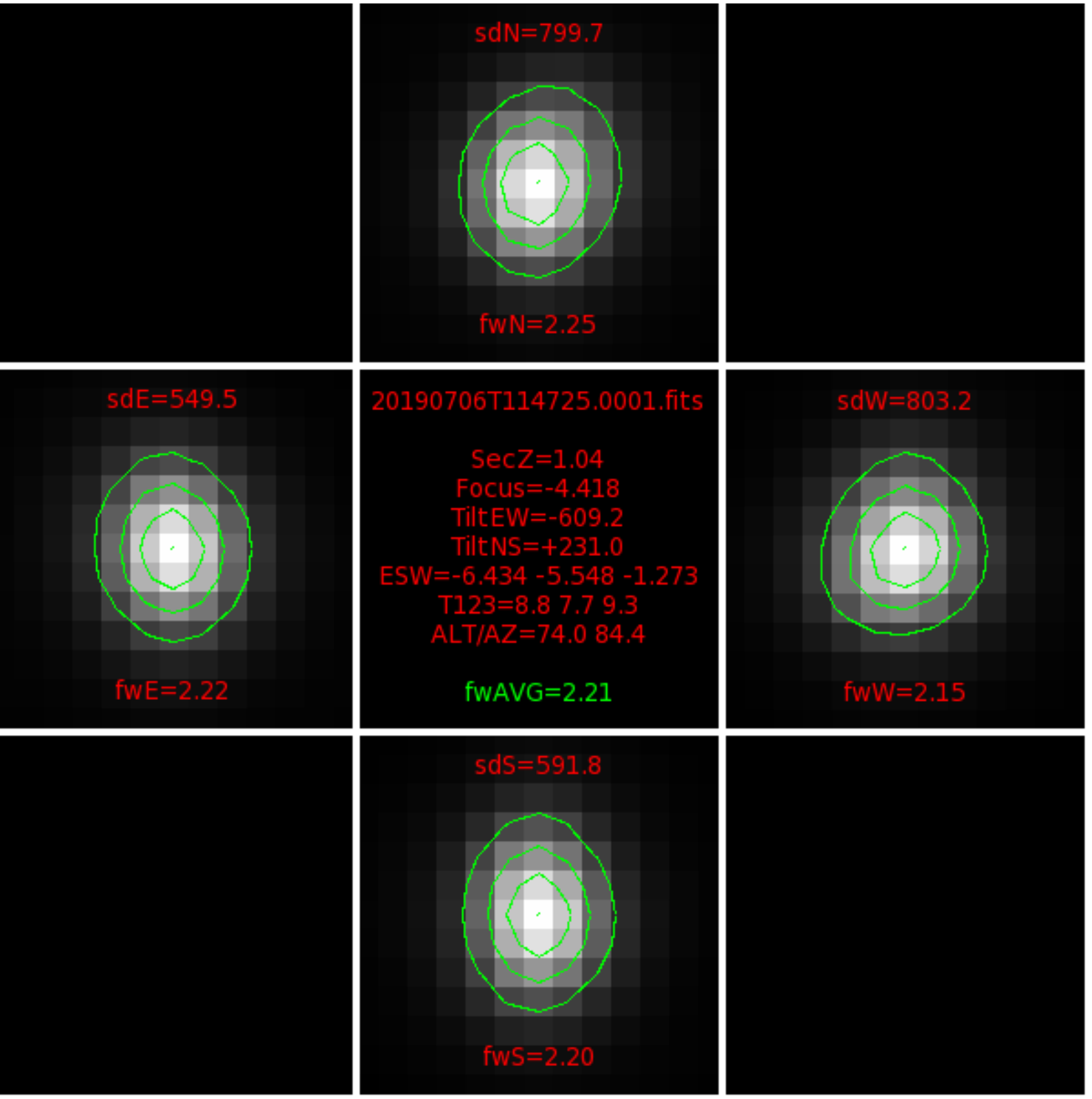
sdN=799.7
fwN=2.25
sdE=549.5
fwE=2.22
20190706T114725.0001.fits
SecZ=1.04
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.7 9.3
ALT/AZ=74.0 84.4
fwAVG=2.21
sdW=803.2
fwW=2.15
sdS=591.8
fwS=2.20
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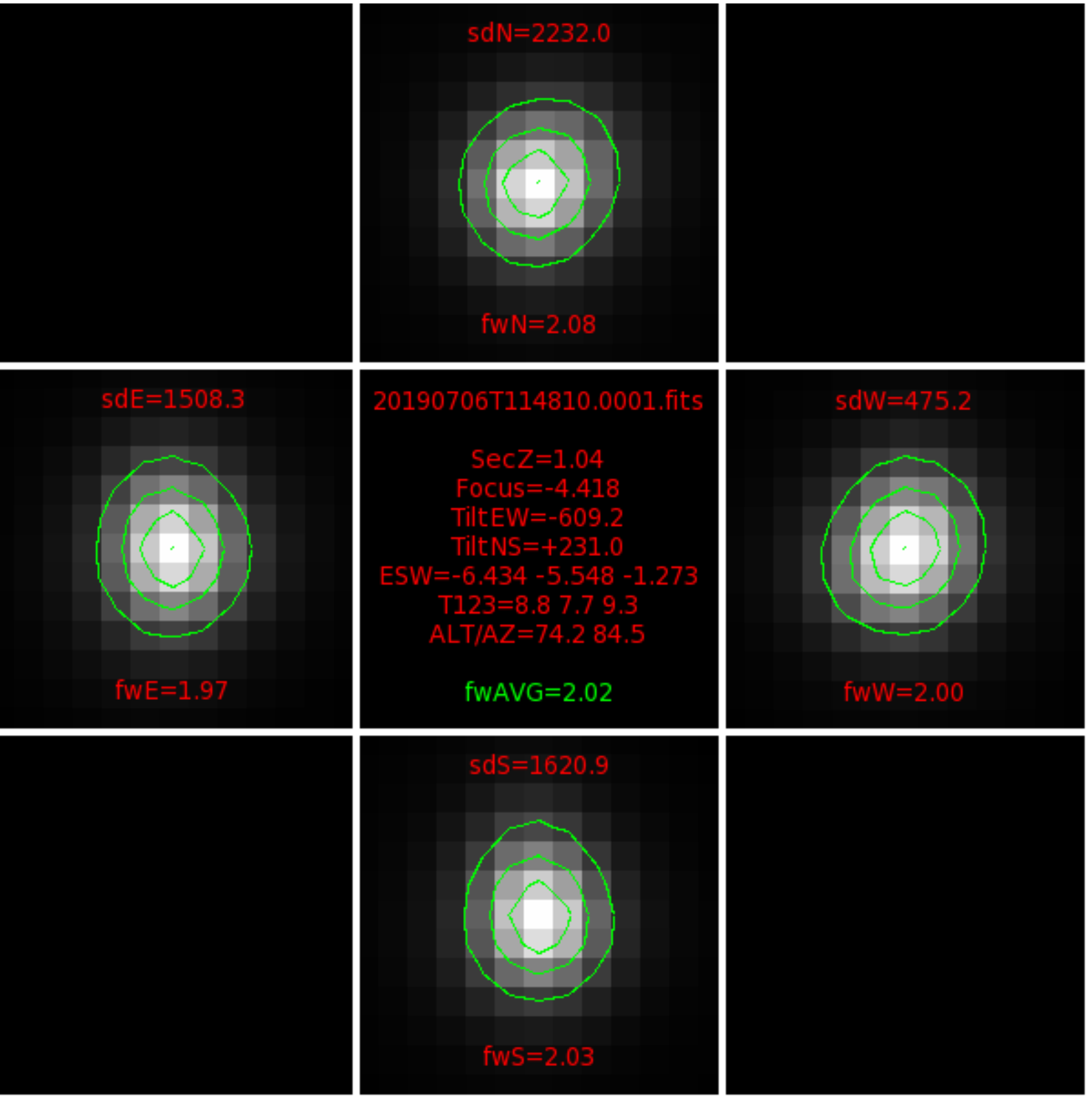
sdN=2232.0
fwN=2.08
sdE=1508.3
fwE=1.97
20190706T114810.0001.fits
SecZ=1.04
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.7 9.3
ALT/AZ=74.2 84.5
fwAVG=2.02
sdW=475.2
fwW=2.00
sdS=1620.9
fwS=2.03
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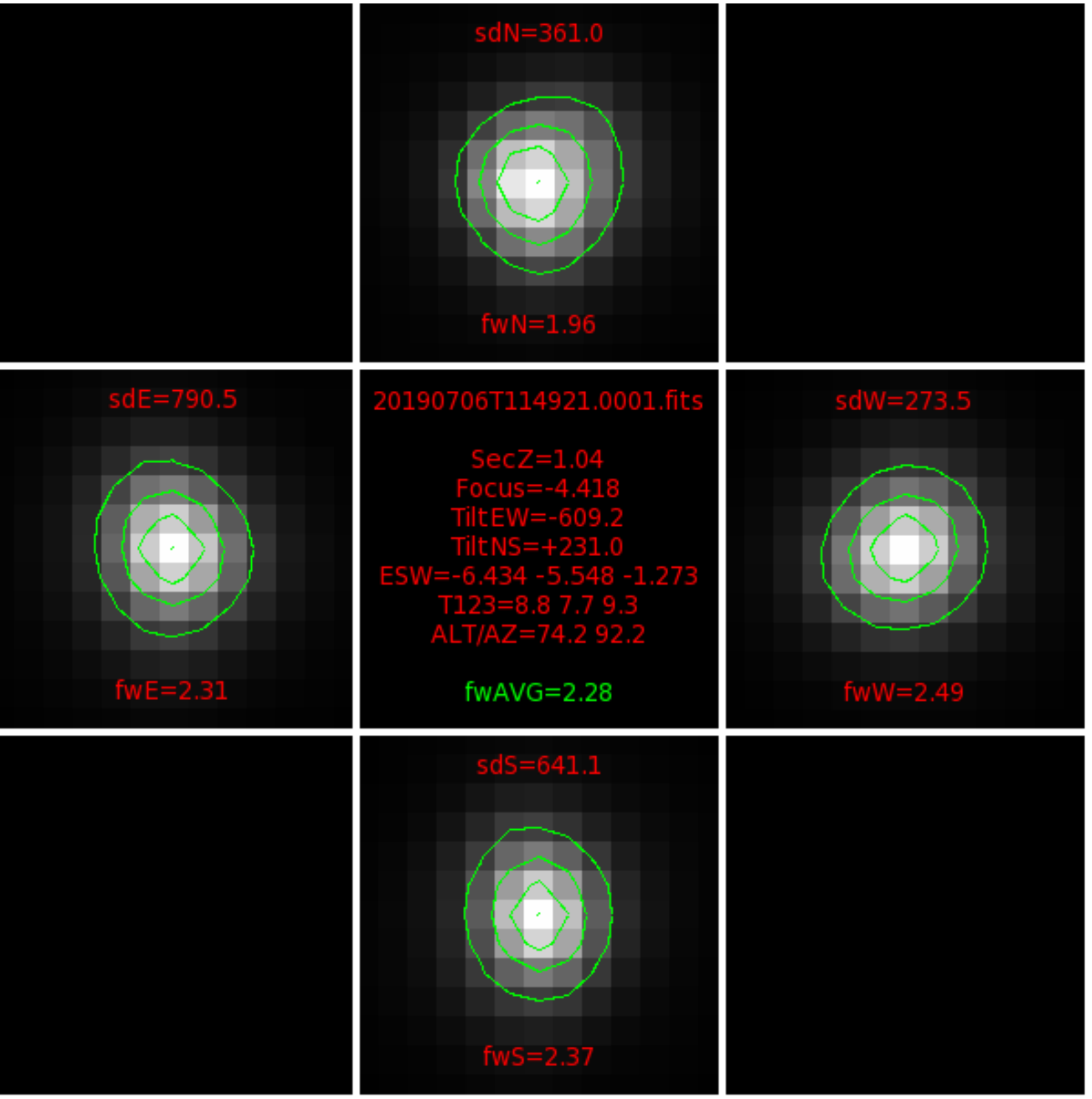
sdN=361.0
fwN=1.96
sdE=790.5
fwE=2.31
20190706T114921.0001.fits
SecZ=1.04
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.7 9.3
ALT/AZ=74.2 92.2
fwAVG=2.28
sdW=273.5
fwW=2.49
sdS=641.1
fwS=2.37
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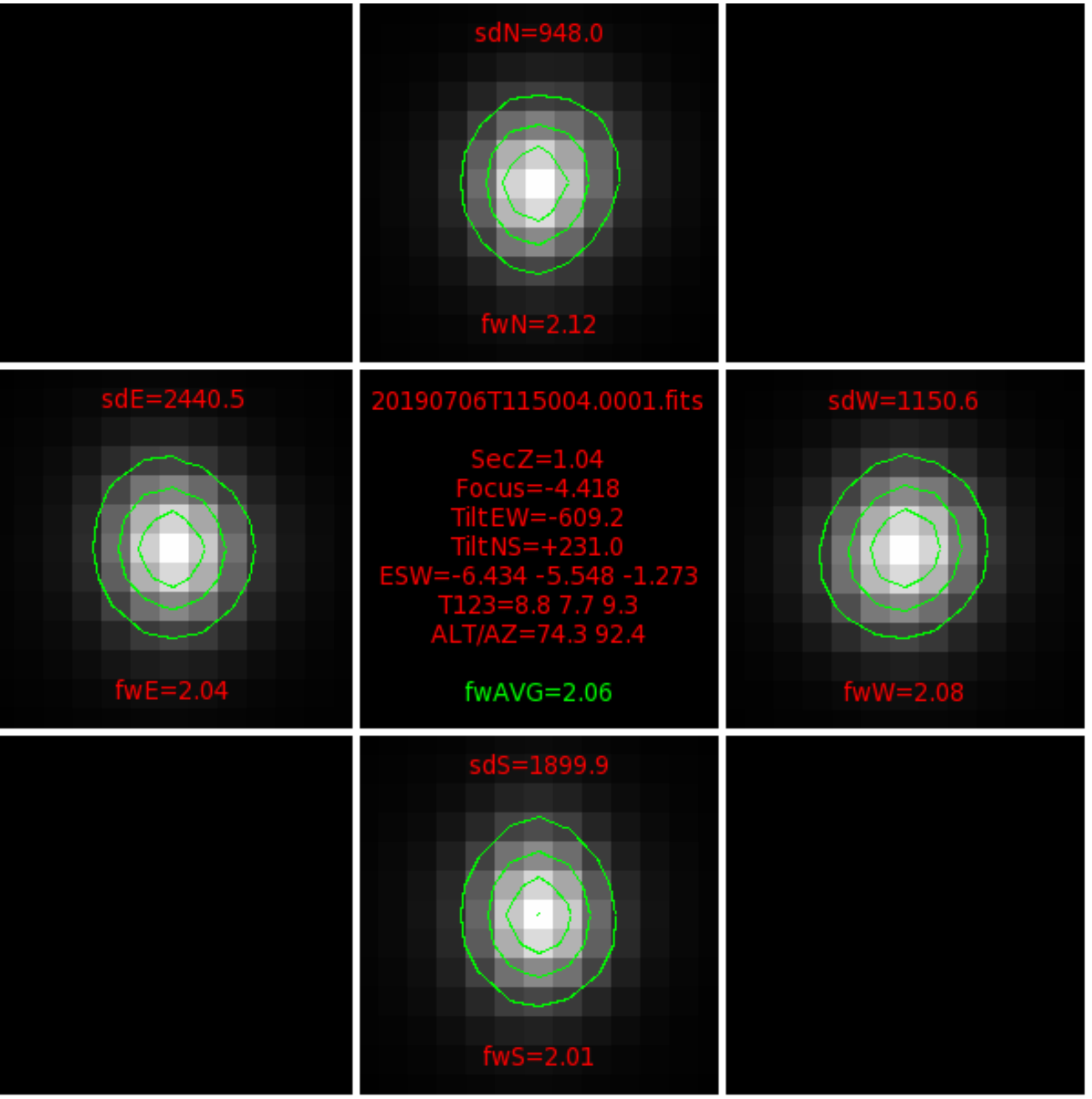
sdN=948.0
fwN=2.12
sdE=2440.5
fwE=2.04
20190706T115004.0001.fits
SecZ=1.04
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.7 9.3
ALT/AZ=74.3 92.4
fwAVG=2.06
sdW=1150.6
fwW=2.08
sdS=1899.9
fwS=2.01
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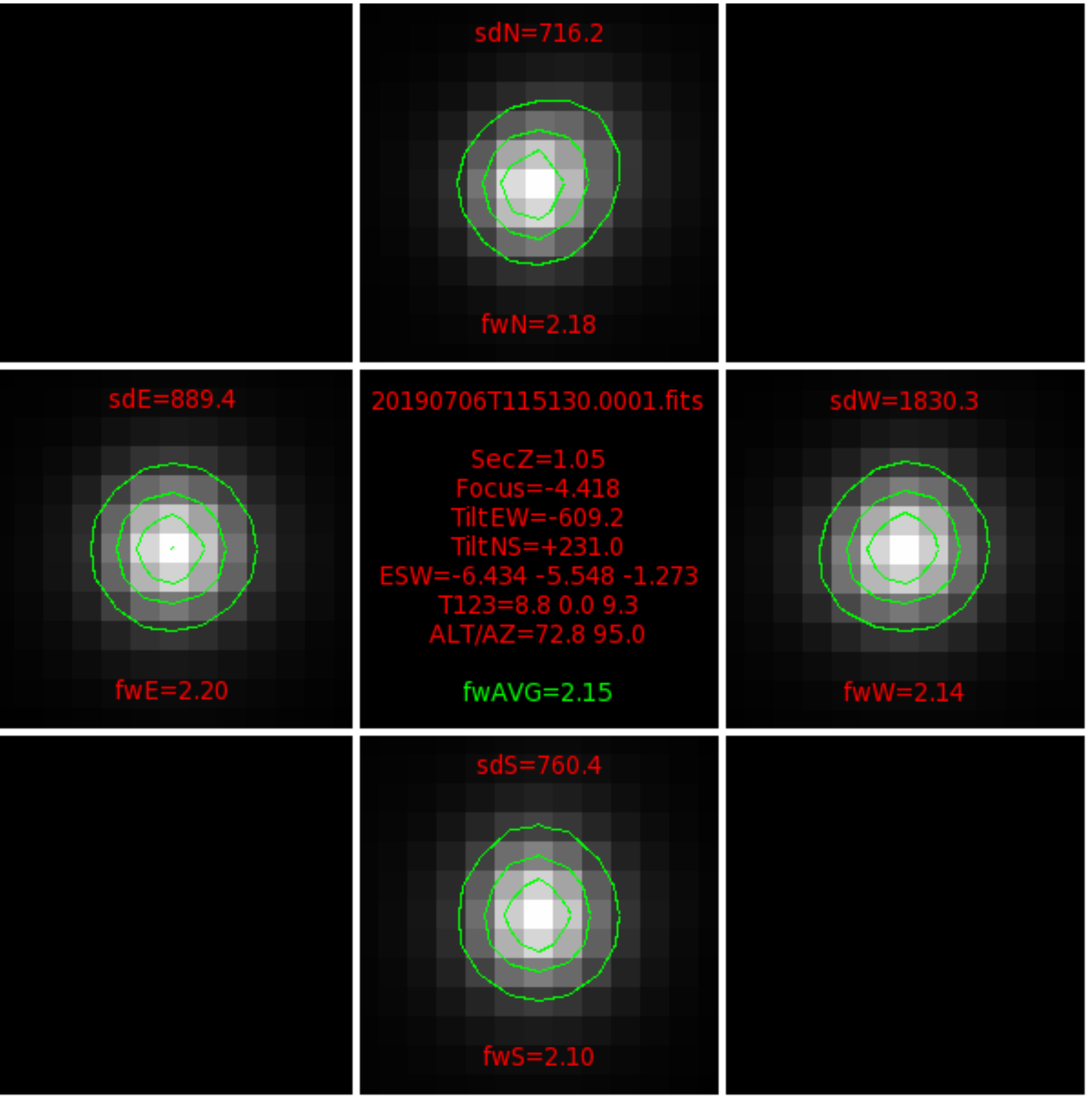
sdN=716.2
fwN=2.18
sdE=889.4
fwE=2.20
20190706T115130.0001.fits
SecZ=1.05
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 0.0 9.3
ALT/AZ=72.8 95.0
fwAVG=2.15
sdW=1830.3
fwW=2.14
sdS=760.4
fwS=2.10
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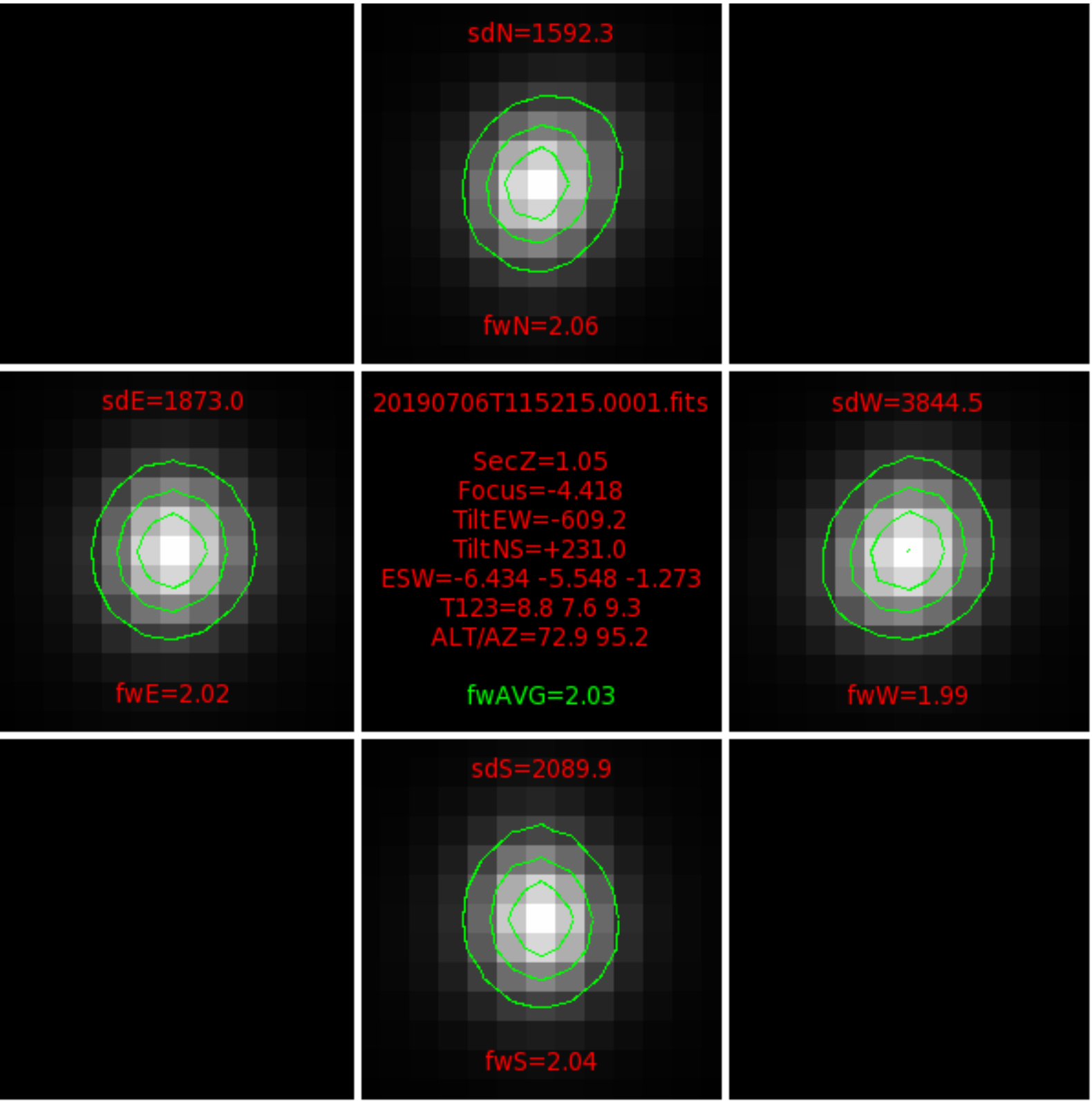
sdN=1592.3
fwN=2.06
sdE=1873.0
fwE=2.02
20190706T115215.0001.fits
SecZ=1.05
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.6 9.3
ALT/AZ=72.9 95.2
fwAVG=2.03
sdW=3844.5
fwW=1.99
sdS=2089.9
fwS=2.04
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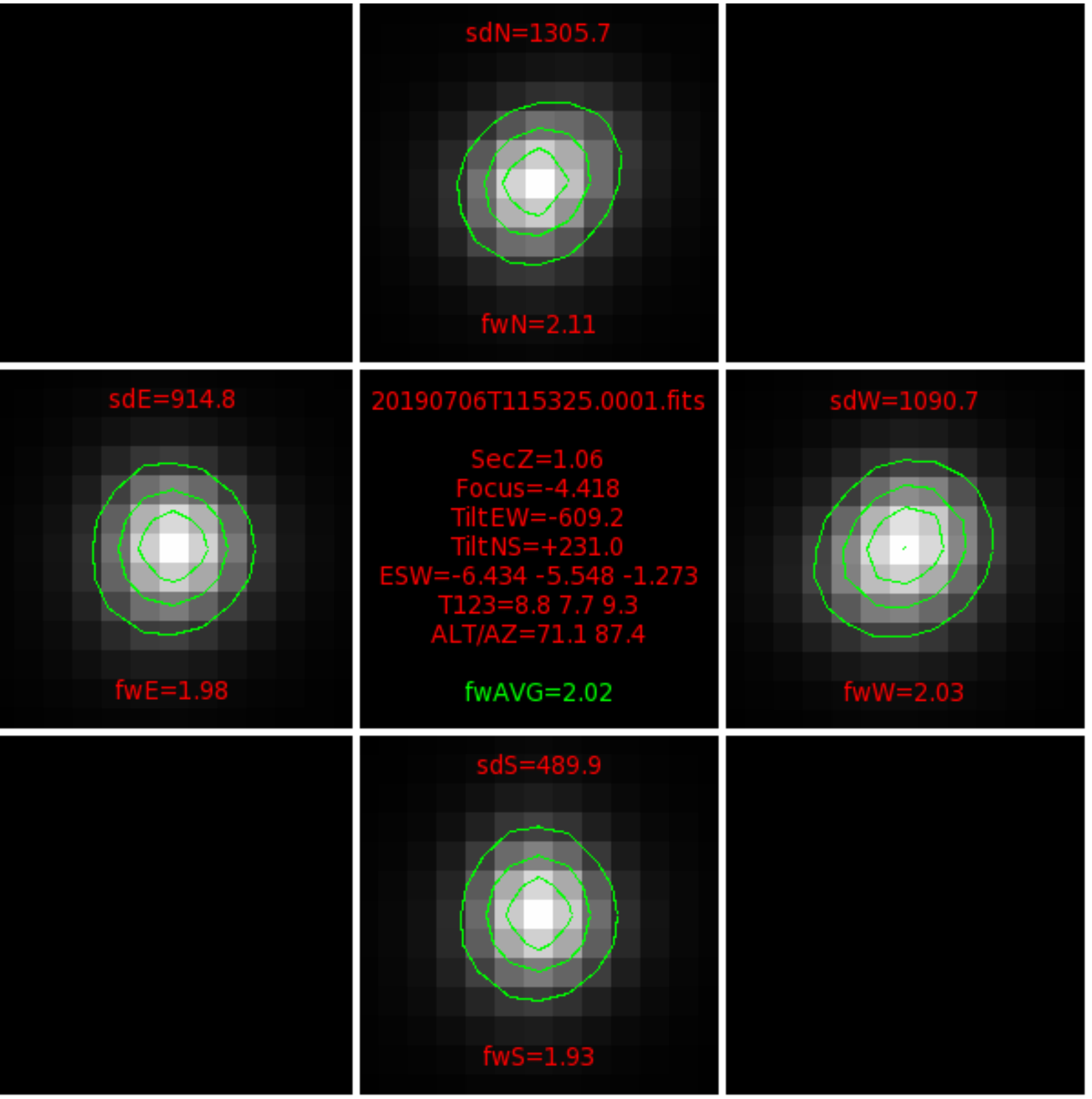
sdN=1305.7
fwN=2.11
sdE=914.8
fwE=1.98
20190706T115325.0001.fits
SecZ=1.06
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.7 9.3
ALT/AZ=71.1 87.4
fwAVG=2.02
sdW=1090.7
fwW=2.03
sdS=489.9
fwS=1.93
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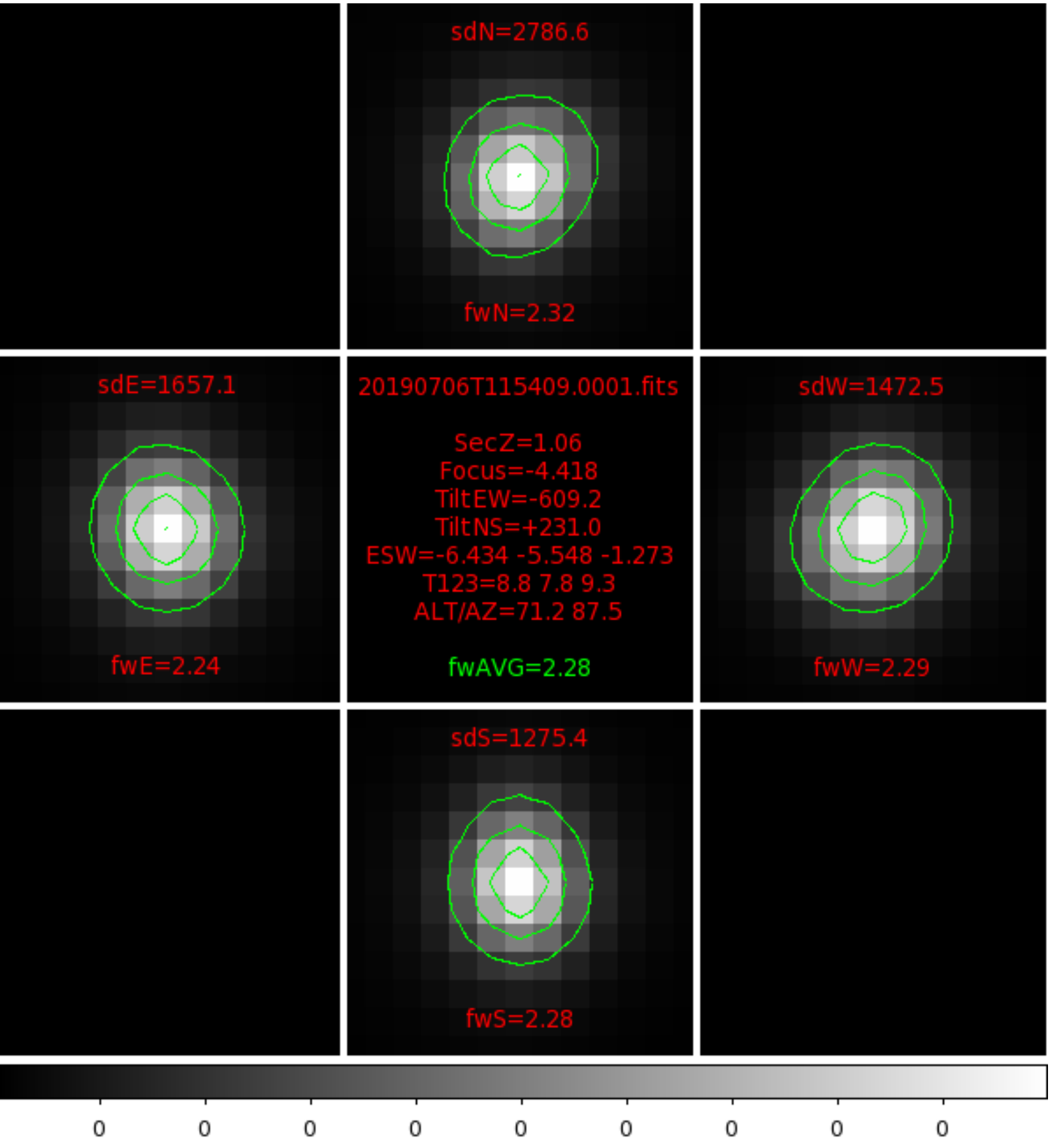
sdN=2786.6
fwN=2.32
sdE=1657.1
fwE=2.24
20190706T115409.0001.fits
SecZ=1.06
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.8 9.3
ALT/AZ=71.2 87.5
fwAVG=2.28
sdW=1472.5
fwW=2.29
sdS=1275.4
fwS=2.28
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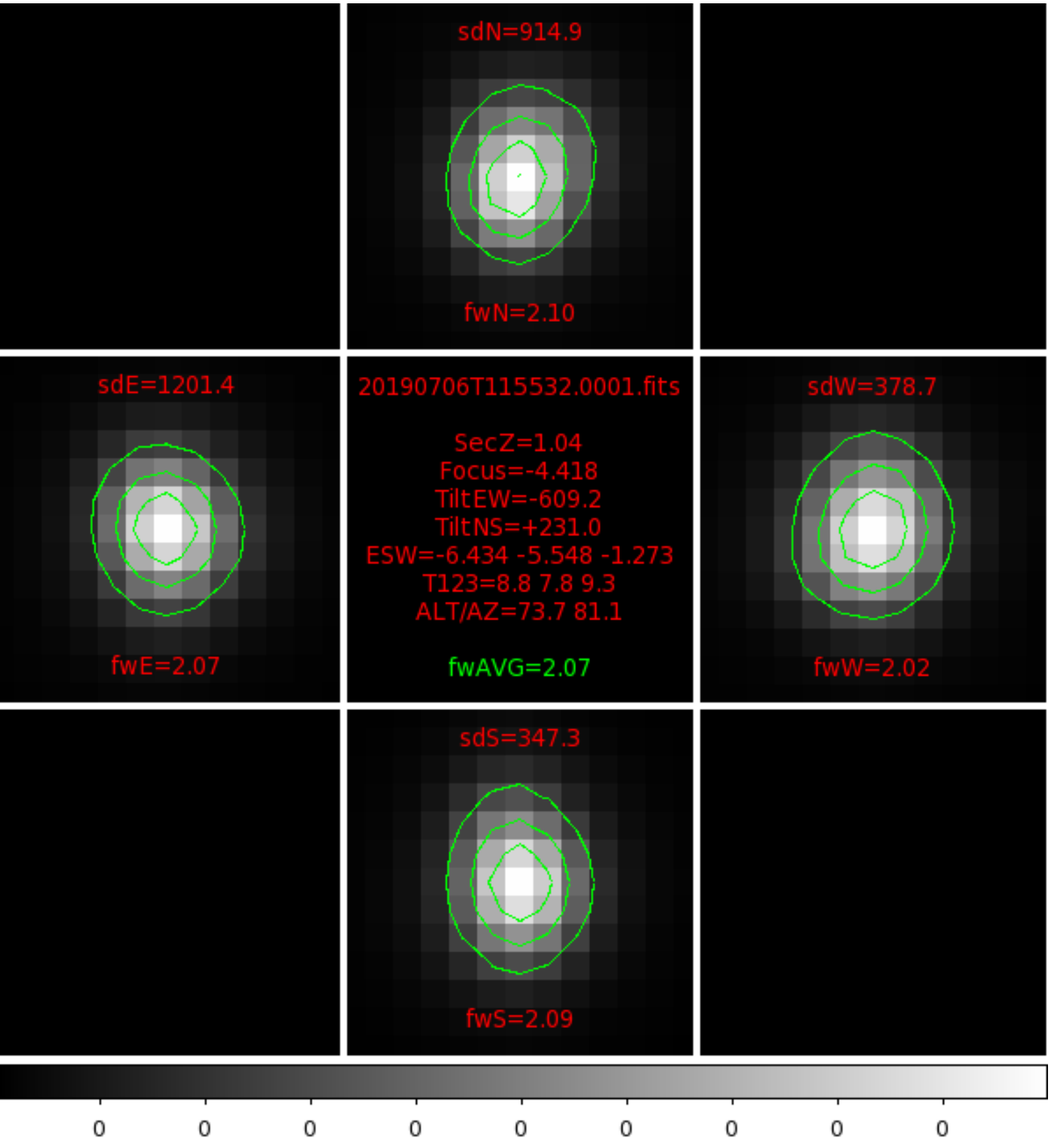
sdN=914.9
fwN=2.10
sdE=1201.4
fwE=2.07
20190706T115532.0001.fits
SecZ=1.04
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.8 9.3
ALT/AZ=73.7 81.1
fwAVG=2.07
sdW=378.7
fwW=2.02
sdS=347.3
fwS=2.09
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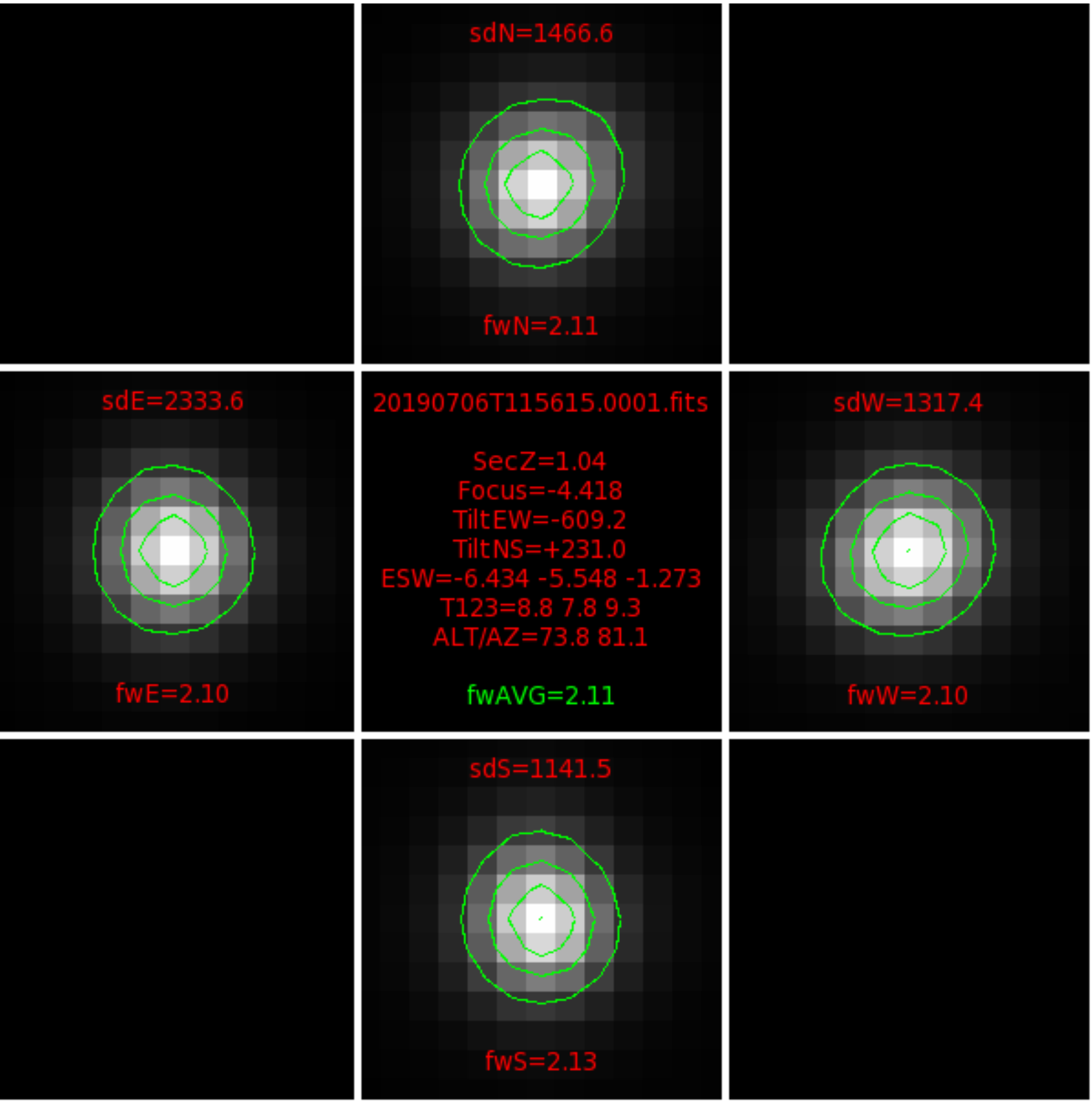
sdN=1466.6
fwN=2.11
sdE=2333.6
fwE=2.10
20190706T115615.0001.fits
SecZ=1.04
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.8 9.3
ALT/AZ=73.8 81.1
fwAVG=2.11
sdW=1317.4
fwW=2.10
sdS=1141.5
fwS=2.13
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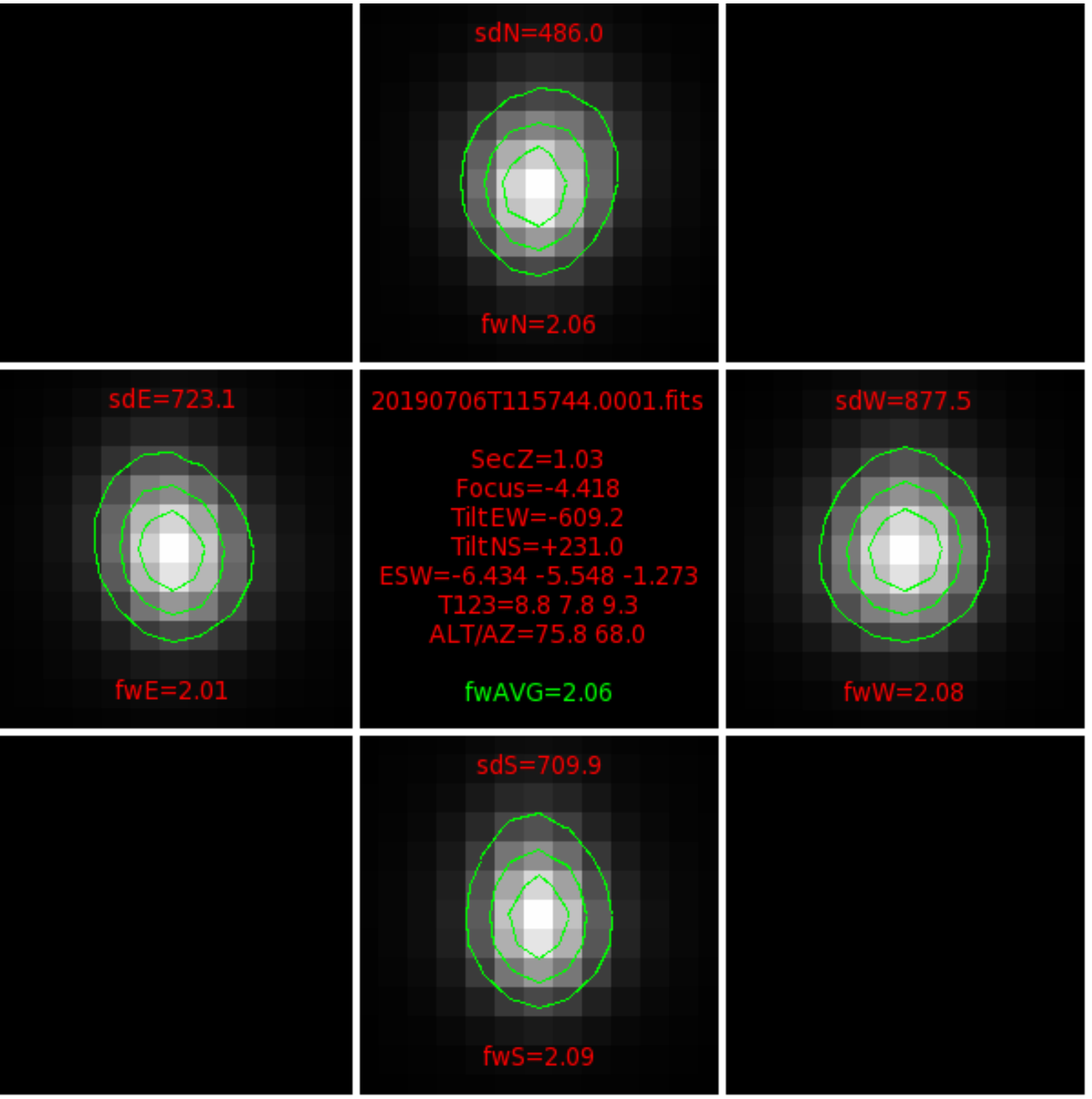
sdN=486.0
fwN=2.06
sdE=723.1
fwE=2.01
20190706T115744.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.8 9.3
ALT/AZ=75.8 68.0
fwAVG=2.06
sdW=877.5
fwW=2.08
sdS=709.9
fwS=2.09
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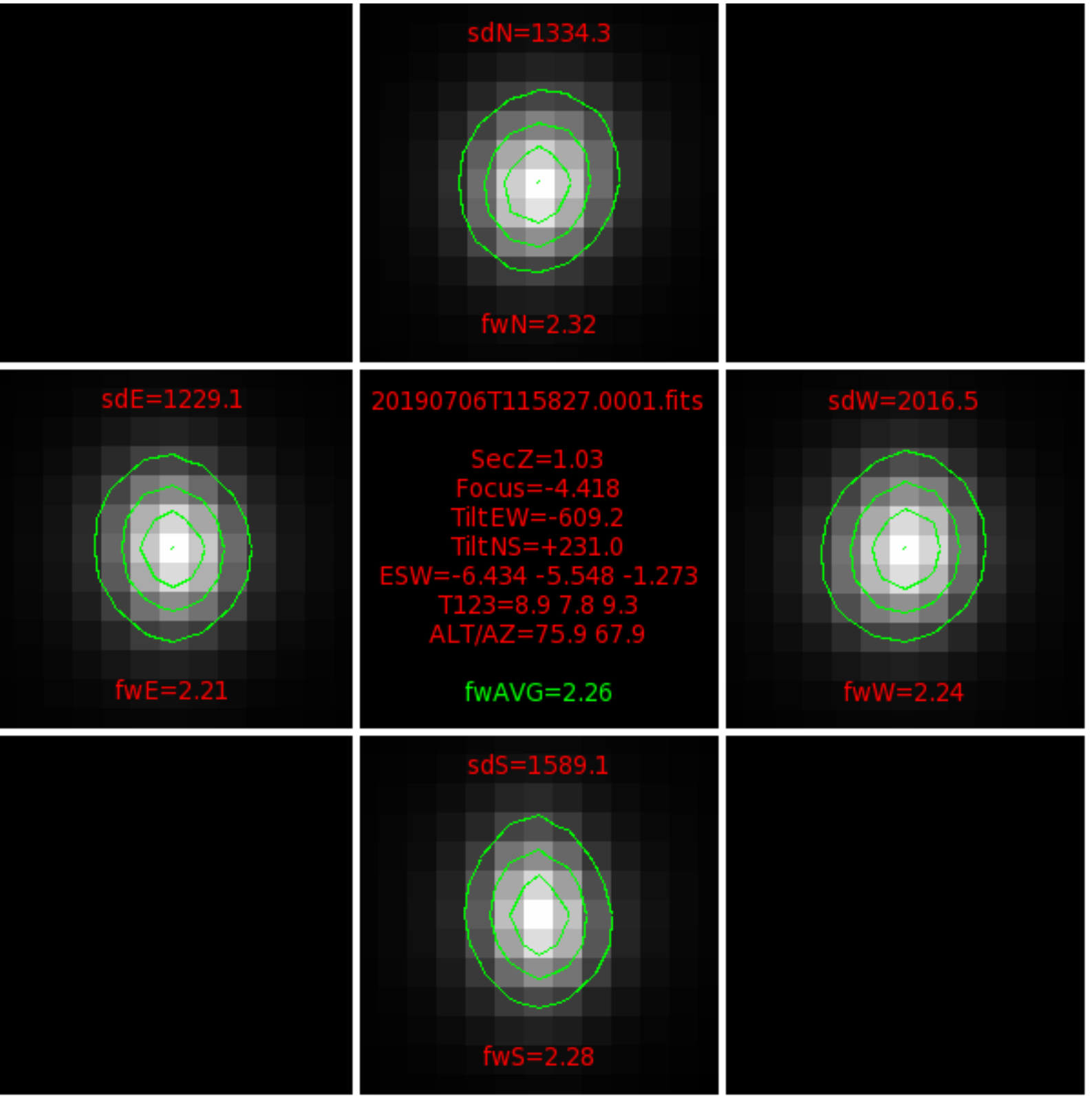
sdN=1334.3
fwN=2.32
sdE=1229.1
fwE=2.21
20190706T115827.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.8 9.3
ALT/AZ=75.9 67.9
fwAVG=2.26
sdW=2016.5
fwW=2.24
sdS=1589.1
fwS=2.28
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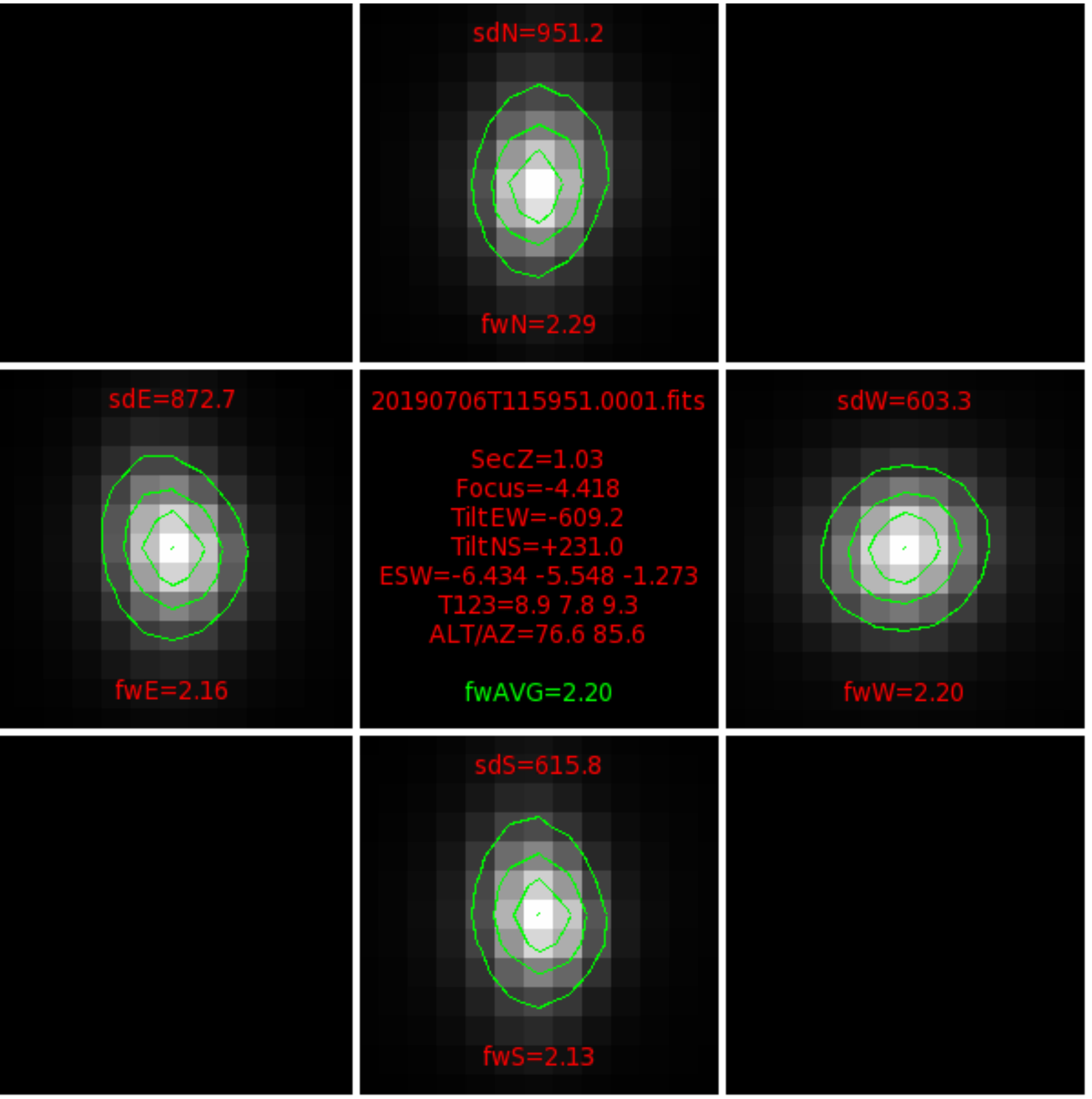
sdN=951.2
fwN=2.29
sdE=872.7
fwE=2.16
20190706T115951.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.8 9.3
ALT/AZ=76.6 85.6
fwAVG=2.20
sdW=603.3
fwW=2.20
sdS=615.8
fwS=2.13
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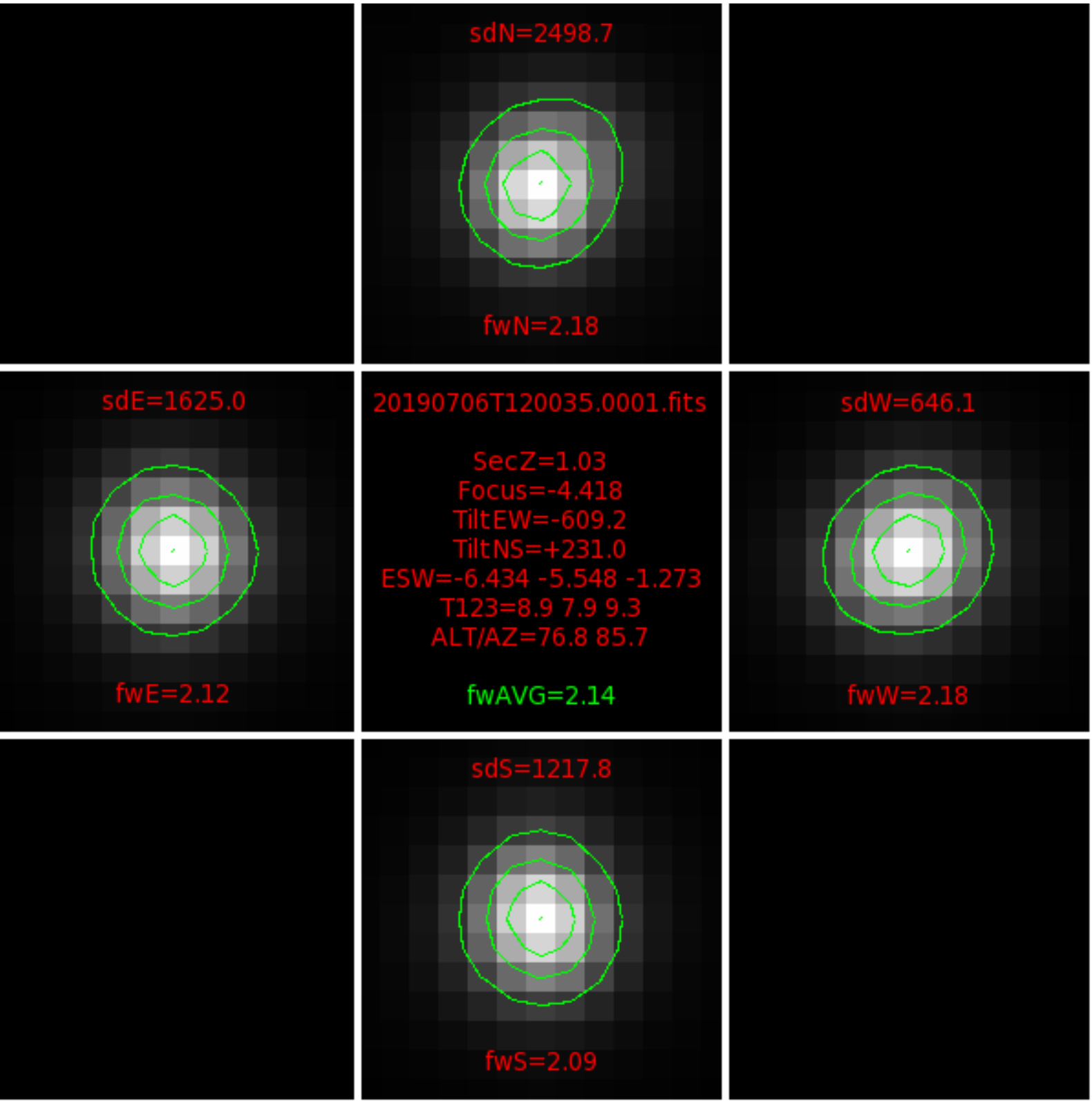
sdN=2498.7
fwN=2.18
sdE=1625.0
fwE=2.12
20190706T120035.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.9 9.3
ALT/AZ=76.8 85.7
fwAVG=2.14
sdW=646.1
fwW=2.18
sdS=1217.8
fwS=2.09
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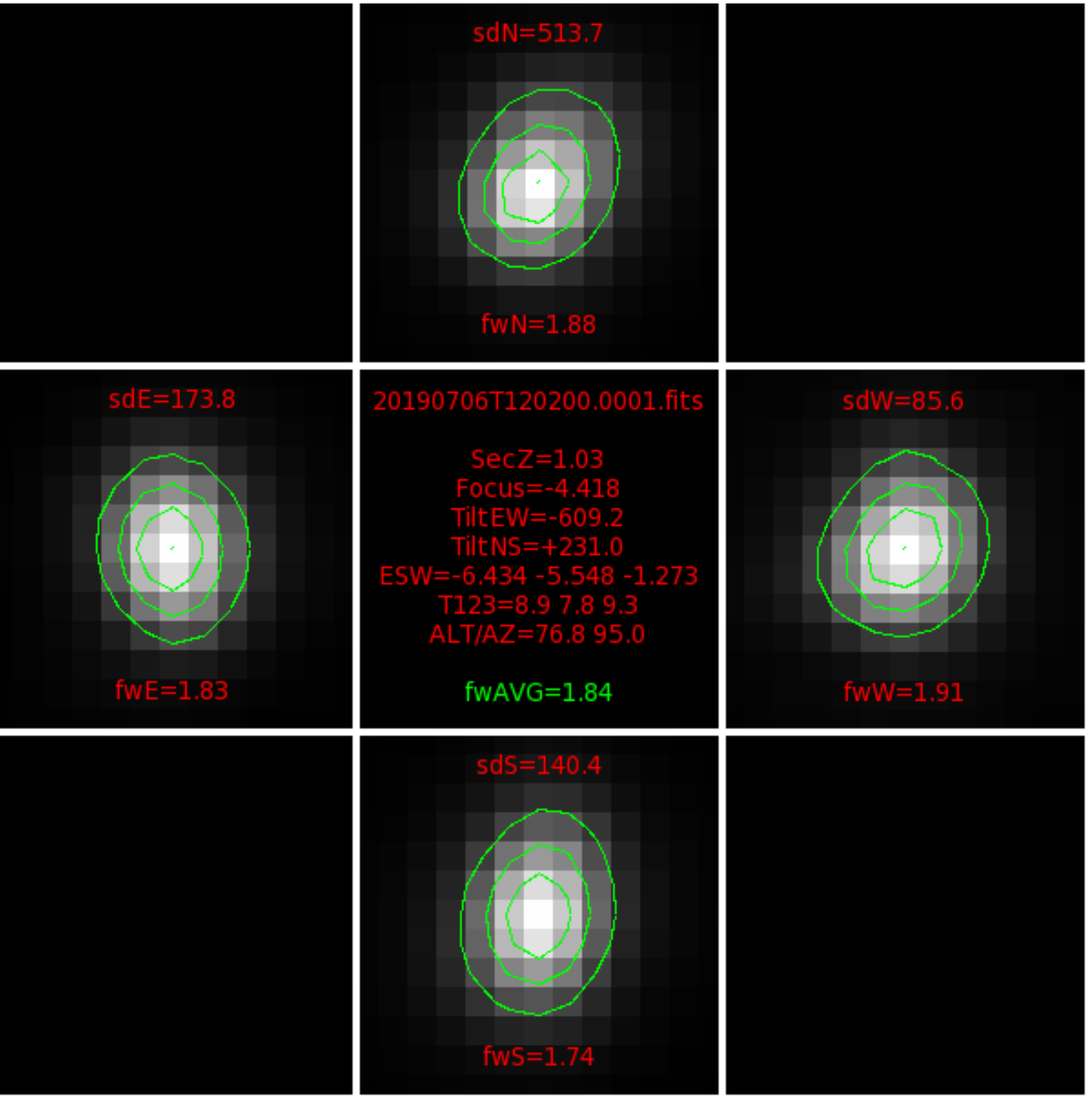
sdN=513.7
fwN=1.88
sdE=173.8
fwE=1.83
20190706T120200.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.8 9.3
ALT/AZ=76.8 95.0
fwAVG=1.84
sdW=85.6
fwW=1.91
sdS=140.4
fwS=1.74
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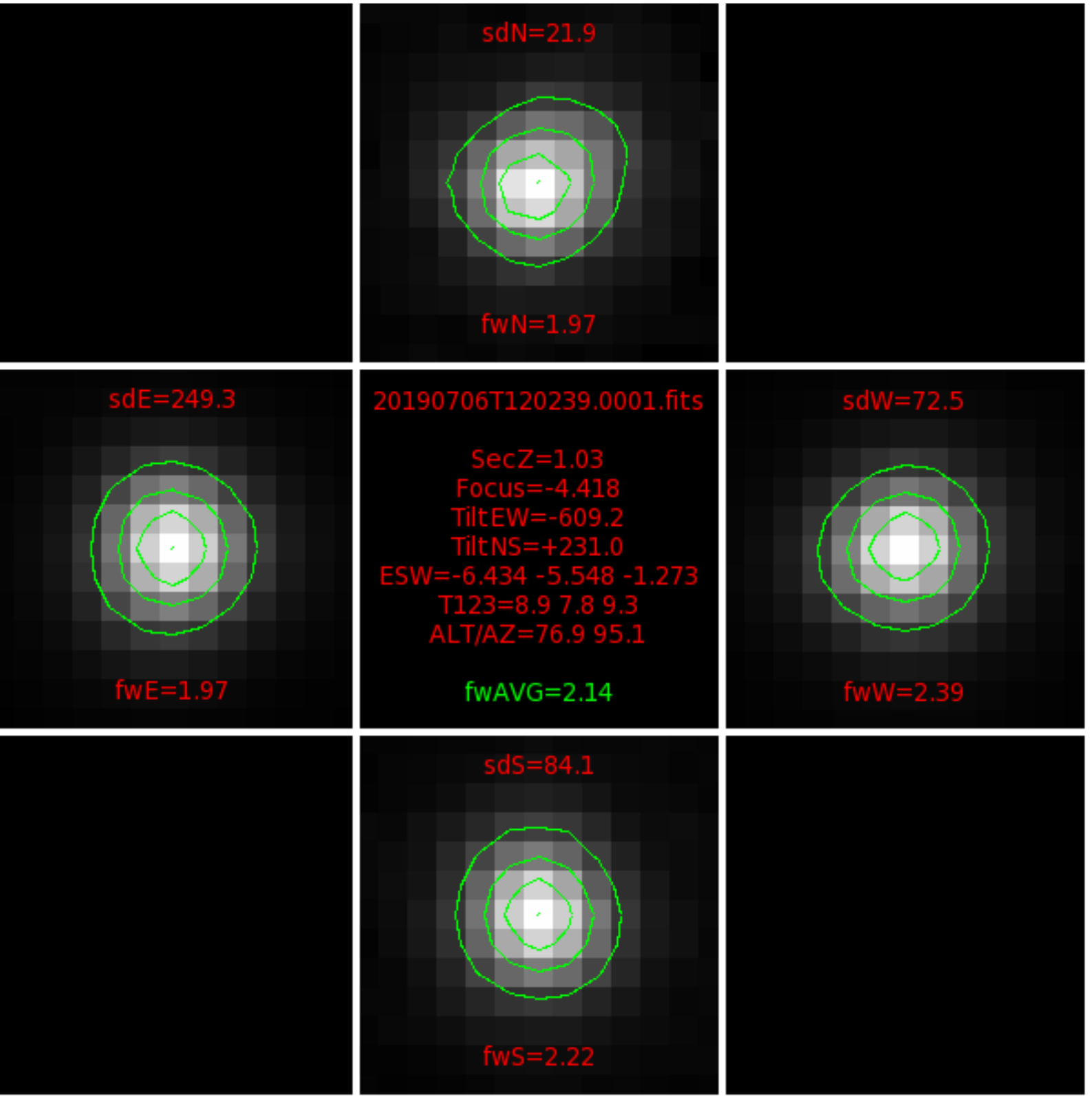
sdN=21.9
fwN=1.97
sdE=249.3
fwE=1.97
20190706T120239.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.8 9.3
ALT/AZ=76.9 95.1
fwAVG=2.14
sdW=72.5
fwW=2.39
sdS=84.1
fwS=2.22
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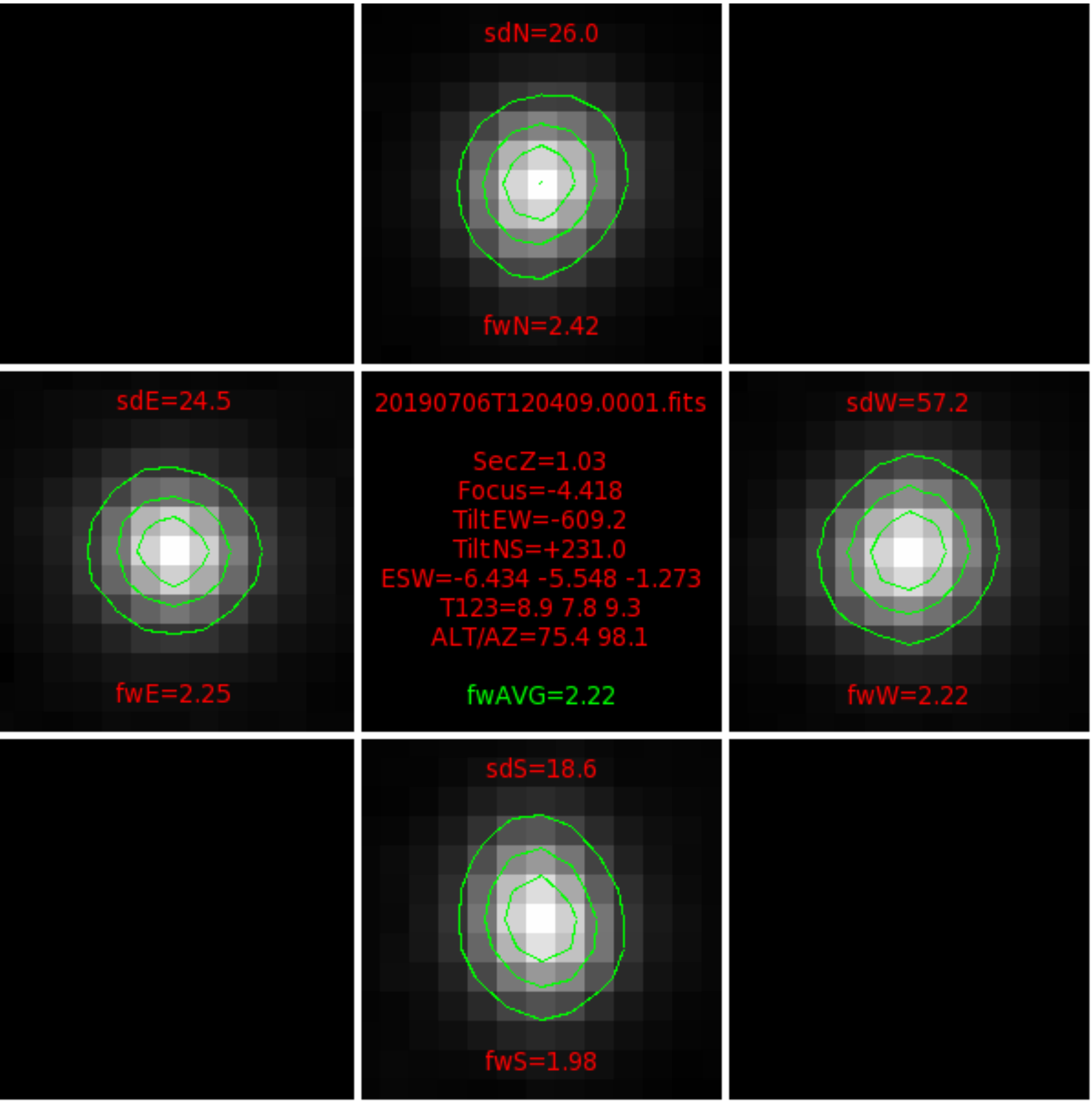
sdN=26.0
fwN=2.42
sdE=24.5
fwE=2.25
20190706T120409.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.8 9.3
ALT/AZ=75.4 98.1
fwAVG=2.22
sdW=57.2
fwW=2.22
sdS=18.6
fwS=1.98
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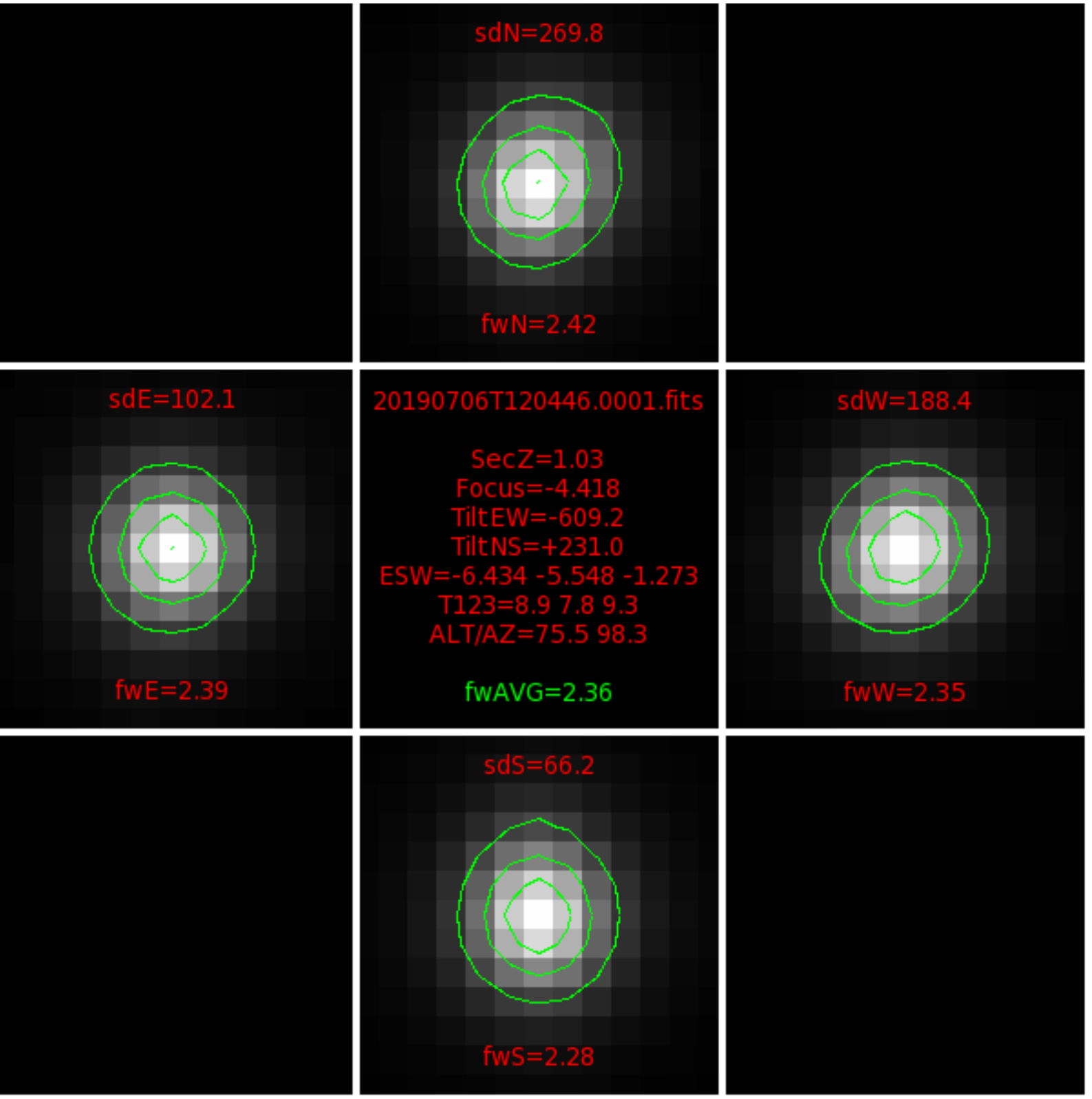
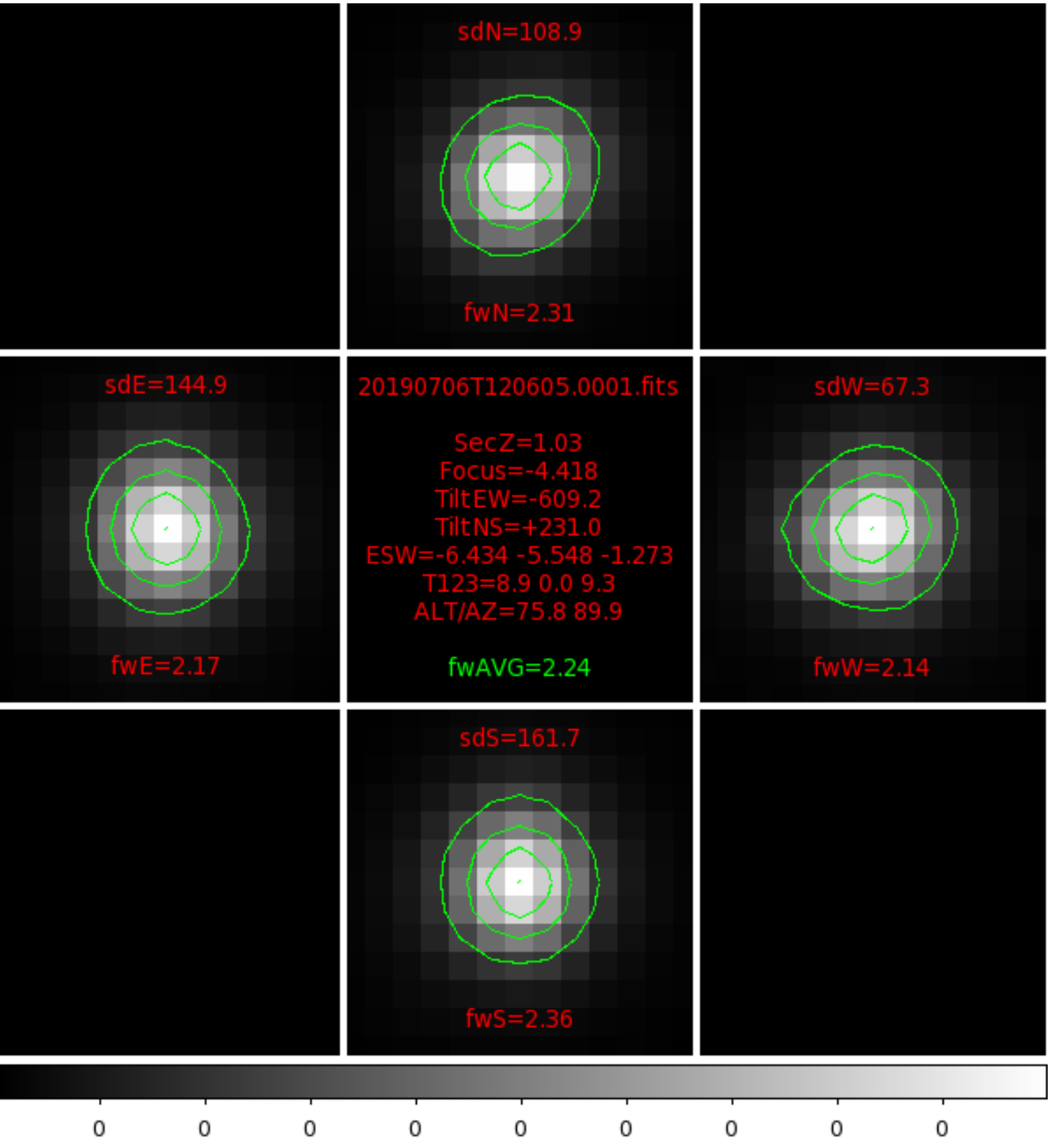
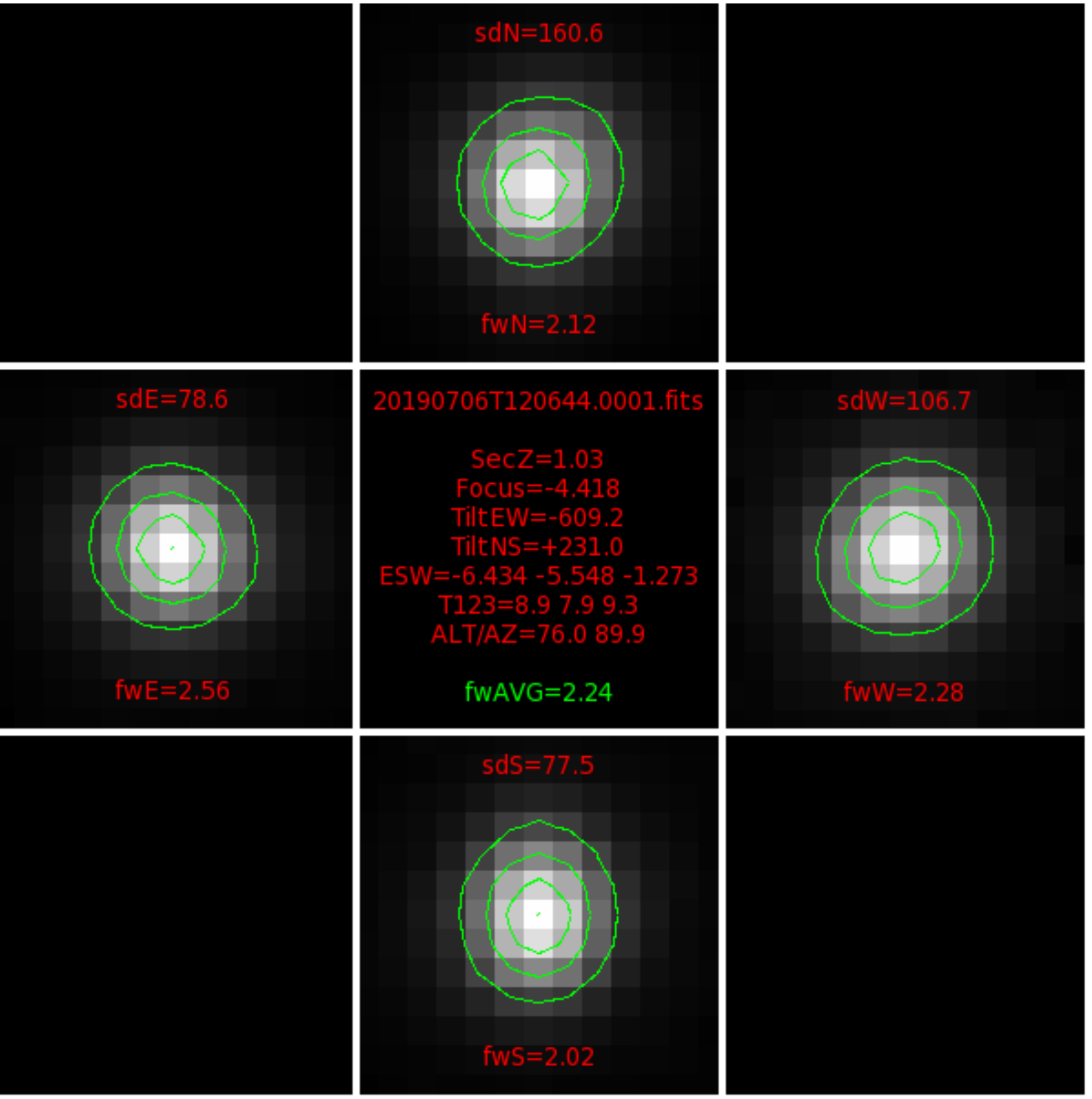
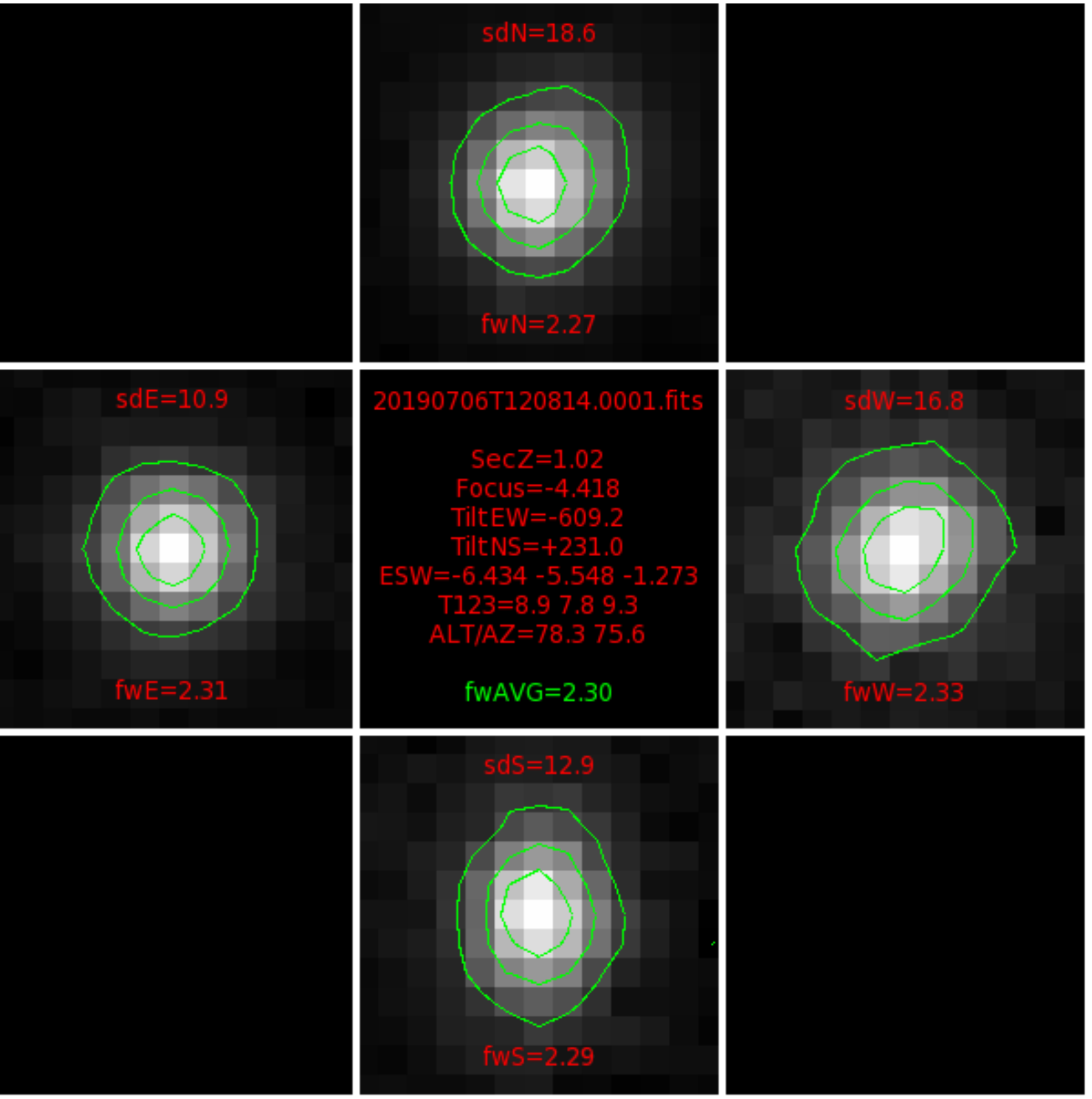
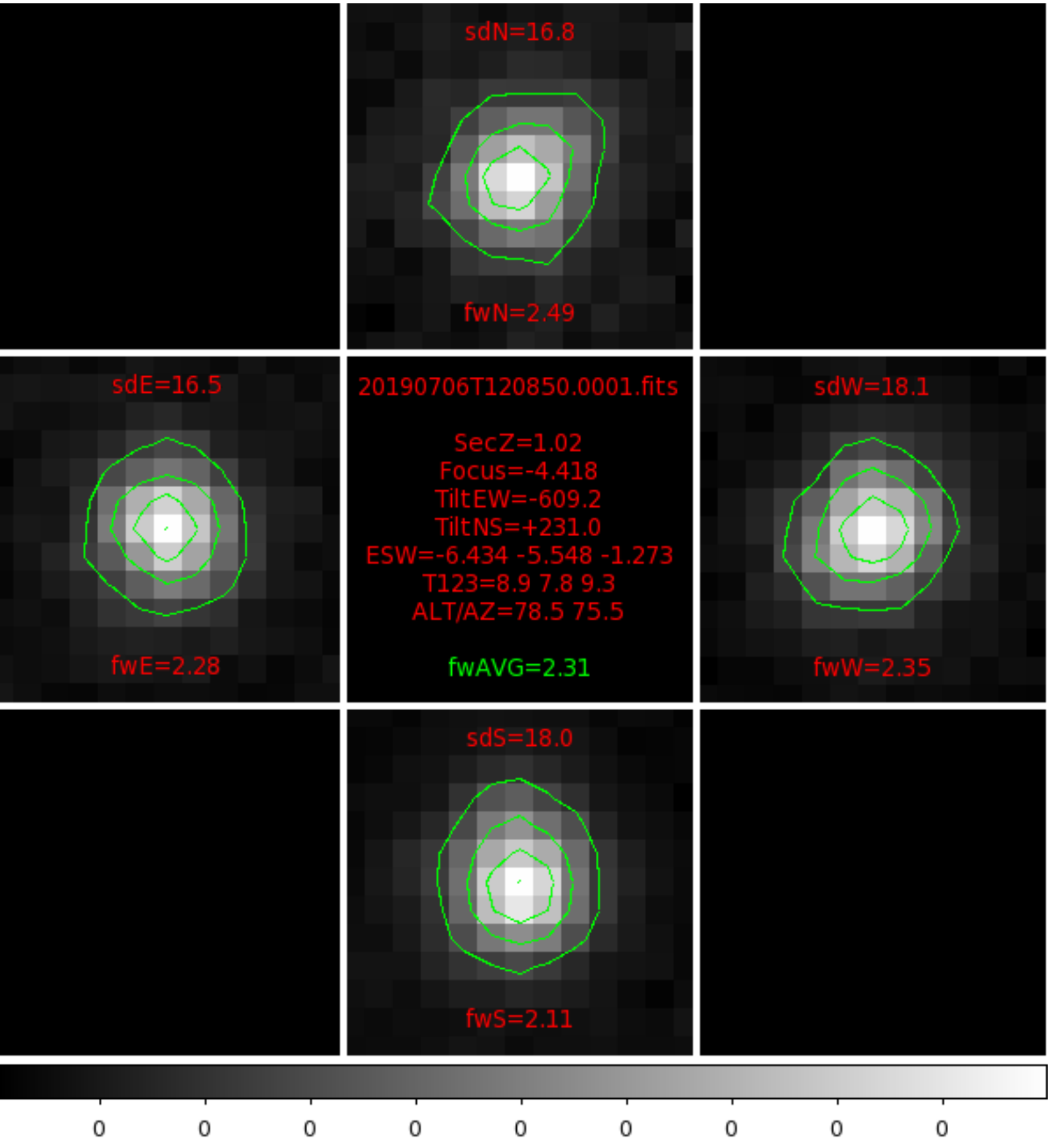
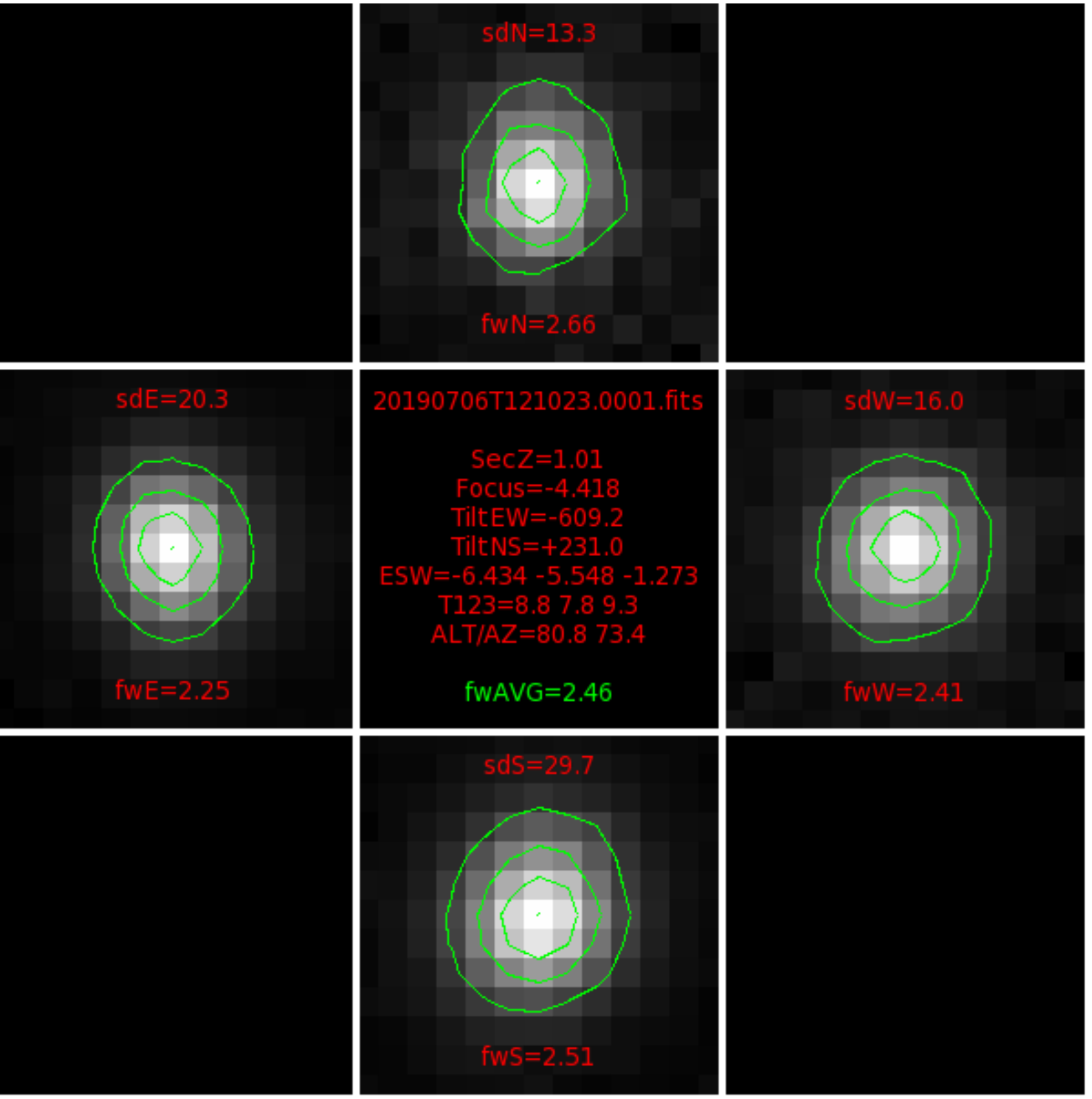

sdN=269.8
fwN=2.42
sdE=102.1
fwE=2.39
20190706T120446.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.8 9.3
ALT/AZ=75.5 98.3
fwAVG=2.36
sdW=188.4
fwW=2.35
sdS=66.2
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=108.9
fwN=2.31
sdE=144.9
fwE=2.17
20190706T120605.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 0.0 9.3
ALT/AZ=75.8 89.9
fwAVG=2.24
sdW=67.3
fwW=2.14
sdS=161.7
fwS=2.36
0 0 0 0 0 0 0 0 0


sdN=160.6
fwN=2.12
sdE=78.6
fwE=2.56
20190706T120644.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.9 9.3
ALT/AZ=76.0 89.9
fwAVG=2.24
sdW=106.7
fwW=2.28
sdS=77.5
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=18.6
fwN=2.27
sdE=10.9
fwE=2.31
20190706T120814.0001.fits
SecZ=1.02
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.8 9.3
ALT/AZ=78.3 75.6
fwAVG=2.30
sdW=16.8
fwW=2.33
sdS=12.9
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=16.8
fwN=2.49
sdE=16.5
fwE=2.28
20190706T120850.0001.fits
SecZ=1.02
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.8 9.3
ALT/AZ=78.5 75.5
fwAVG=2.31
sdW=18.1
fwW=2.35
sdS=18.0
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=13.3
fwN=2.66
sdE=20.3
fwE=2.25
20190706T121023.0001.fits
SecZ=1.01
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.8 9.3
ALT/AZ=80.8 73.4
fwAVG=2.46
sdW=16.0
fwW=2.41
sdS=29.7
fwS=2.51
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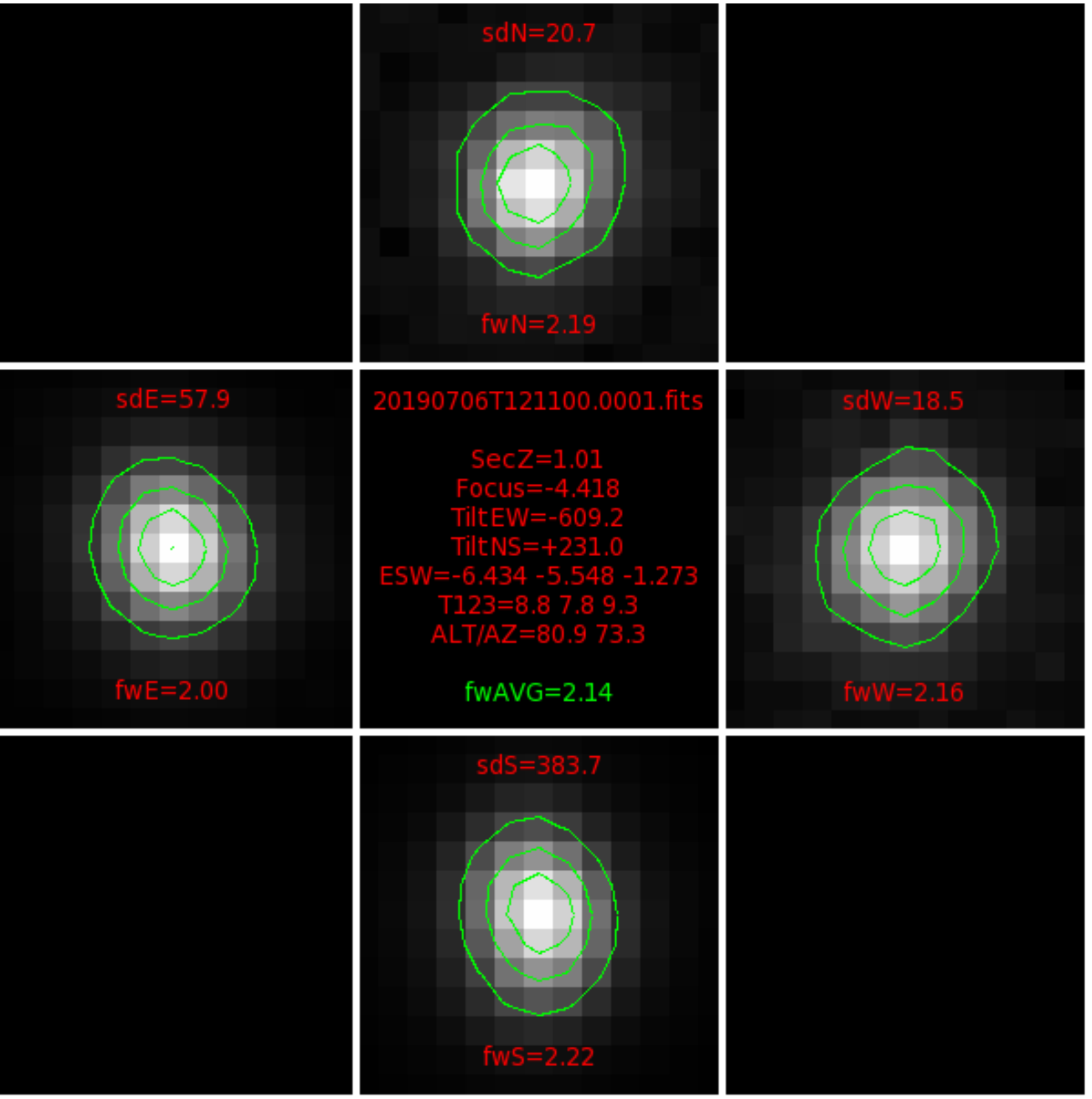
sdN=20.7
fwN=2.19
sdE=57.9
fwE=2.00
20190706T121100.0001.fits
SecZ=1.01
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.8 9.3
ALT/AZ=80.9 73.3
fwAVG=2.14
sdW=18.5
fwW=2.16
sdS=383.7
fwS=2.22
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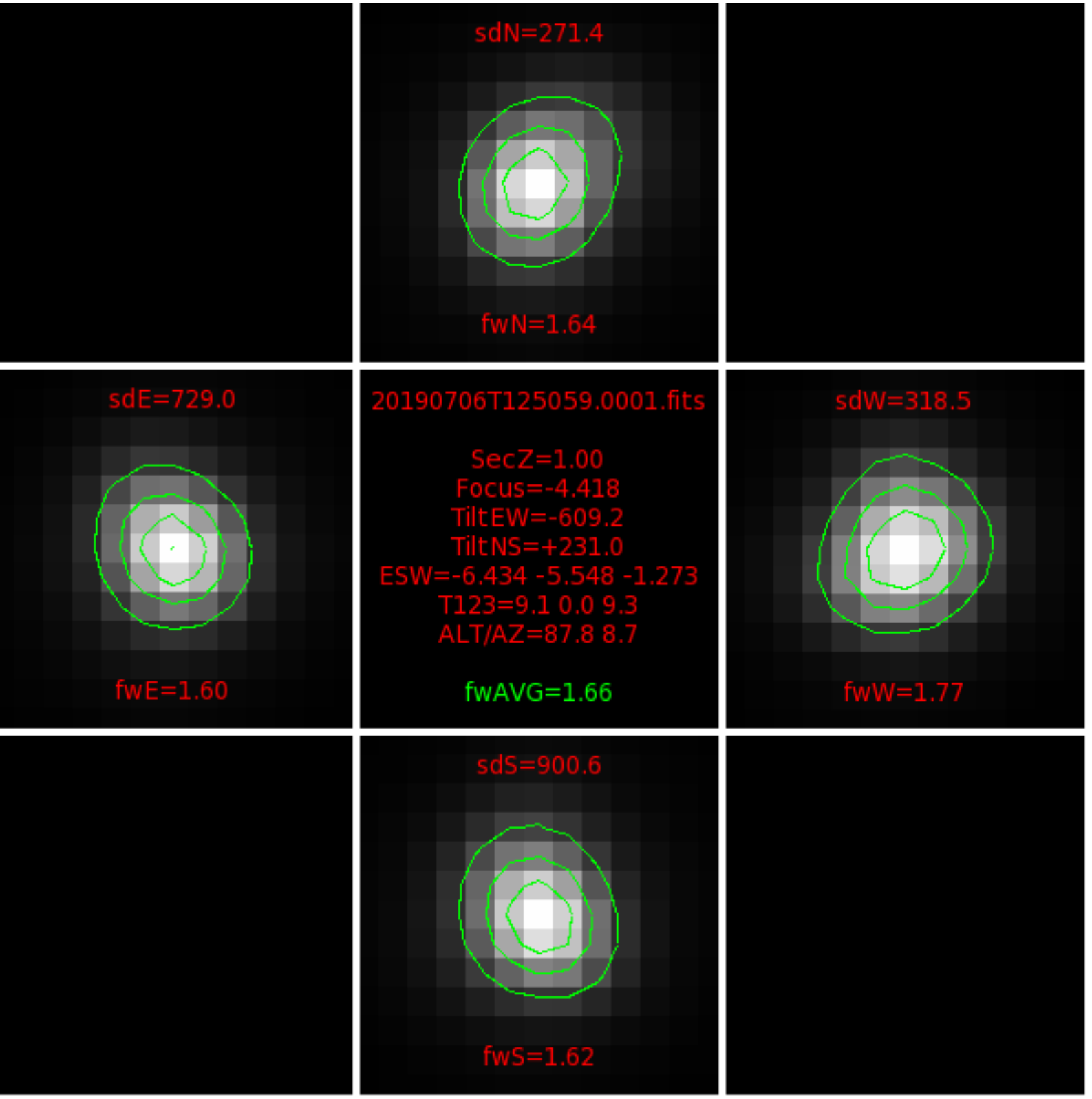
sdN=271.4
fwN=1.64
sdE=729.0
fwE=1.60
20190706T125059.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.1 0.0 9.3
ALT/AZ=87.8 8.7
fwAVG=1.66
sdW=318.5
fwW=1.77
sdS=900.6
fwS=1.62
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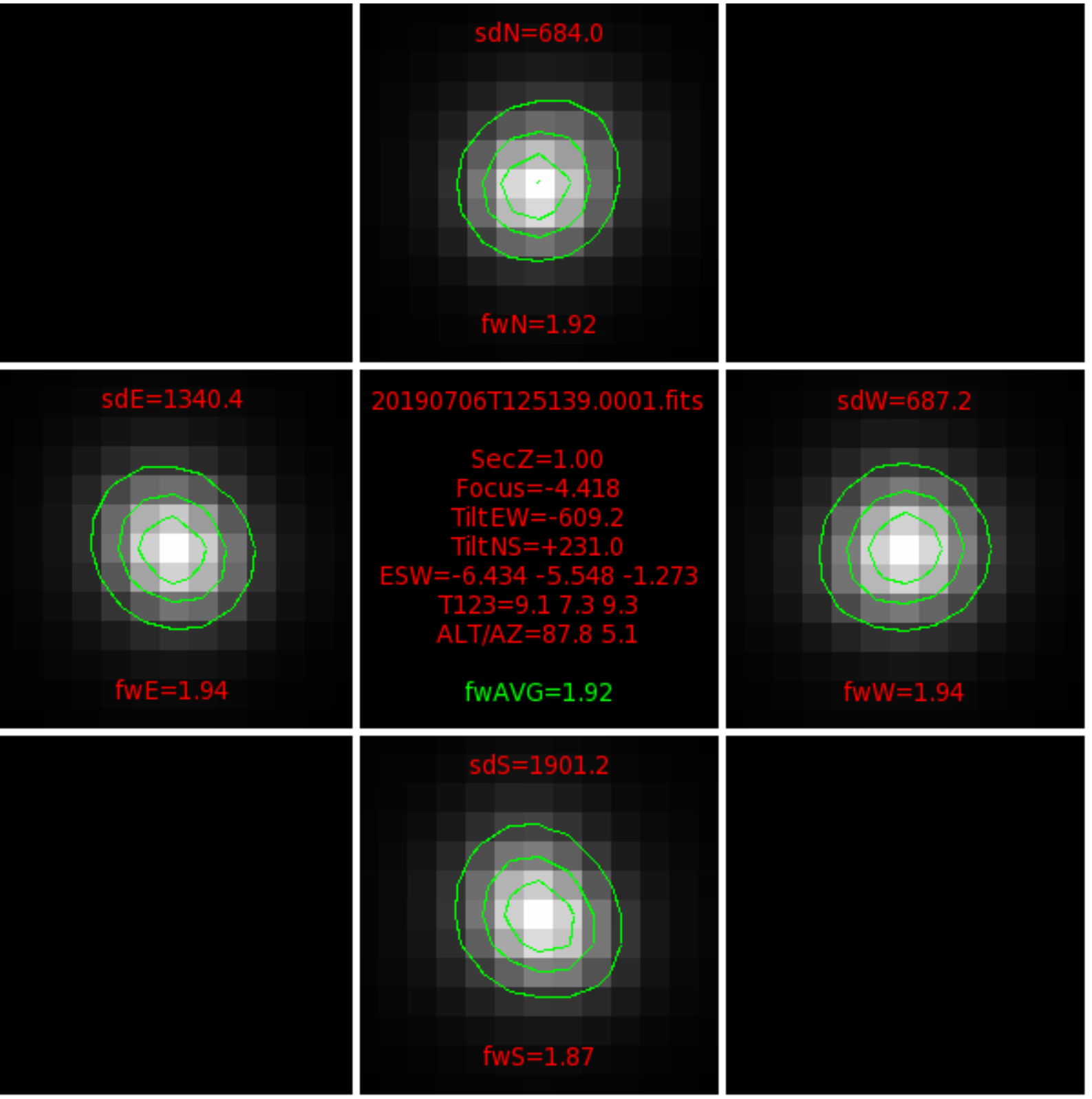
sdN=684.0
fwN=1.92
sdE=1340.4
fwE=1.94
20190706T125139.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.1 7.3 9.3
ALT/AZ=87.8 5.1
fwAVG=1.92
sdW=687.2
fwW=1.94
sdS=1901.2
fwS=1.87
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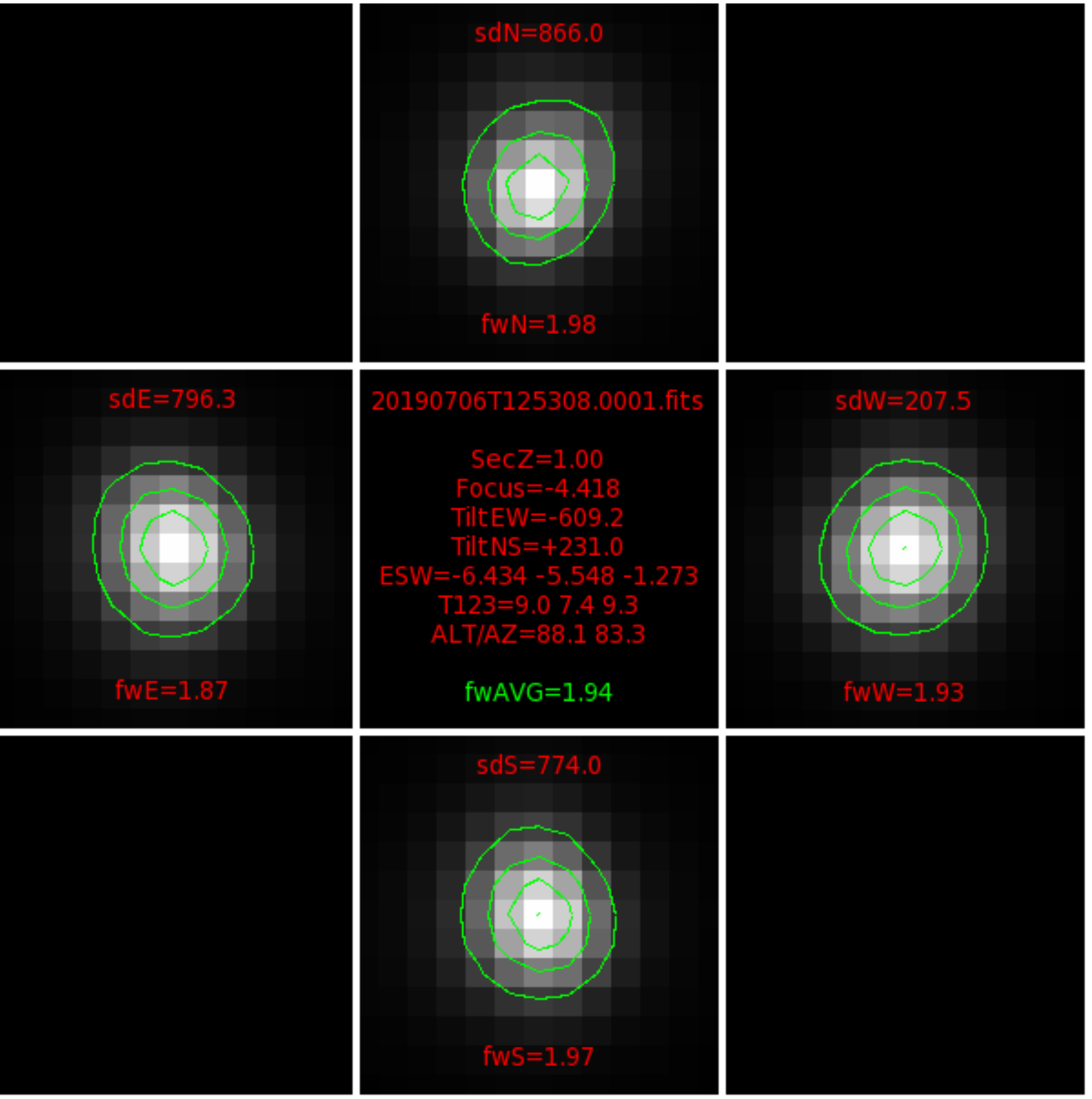
sdN=866.0
fwN=1.98
sdE=796.3
fwE=1.87
20190706T125308.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.4 9.3
ALT/AZ=88.1 83.3
fwAVG=1.94
sdW=207.5
fwW=1.93
sdS=774.0
fwS=1.97
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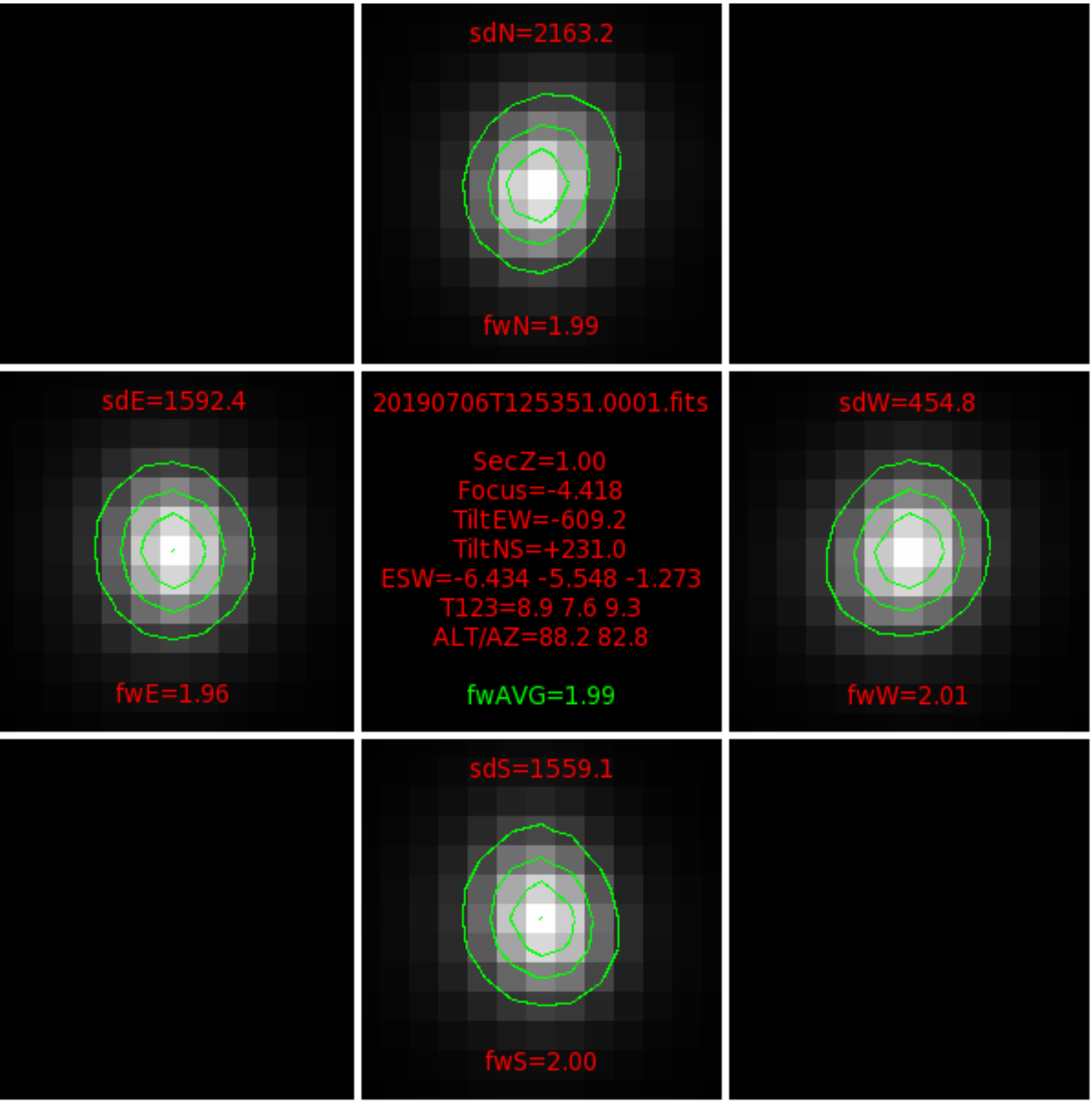
sdN=2163.2
fwN=1.99
sdE=1592.4
fwE=1.96
20190706T125351.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.6 9.3
ALT/AZ=88.2 82.8
fwAVG=1.99
sdW=454.8
fwW=2.01
sdS=1559.1
fwS=2.00
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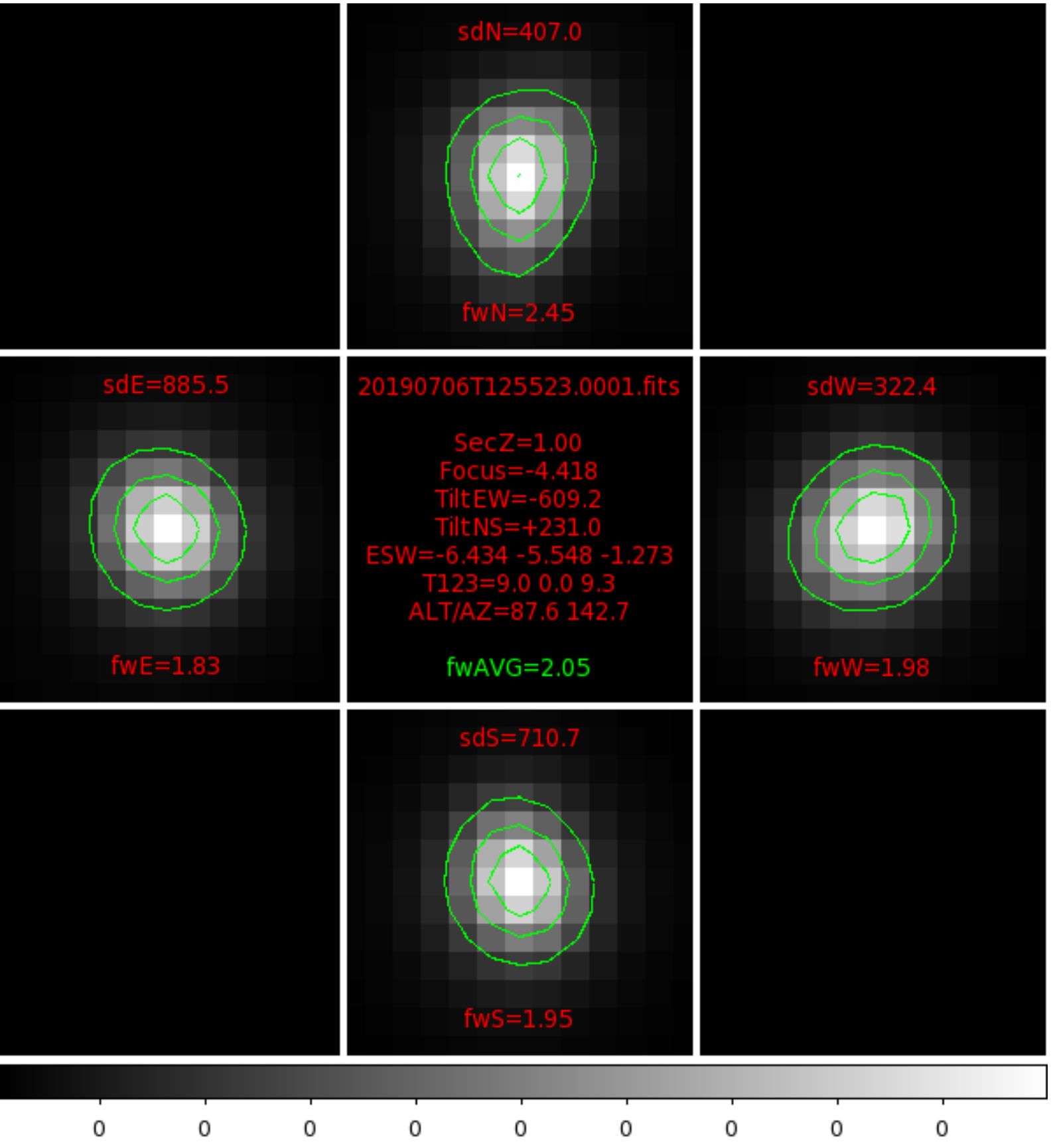
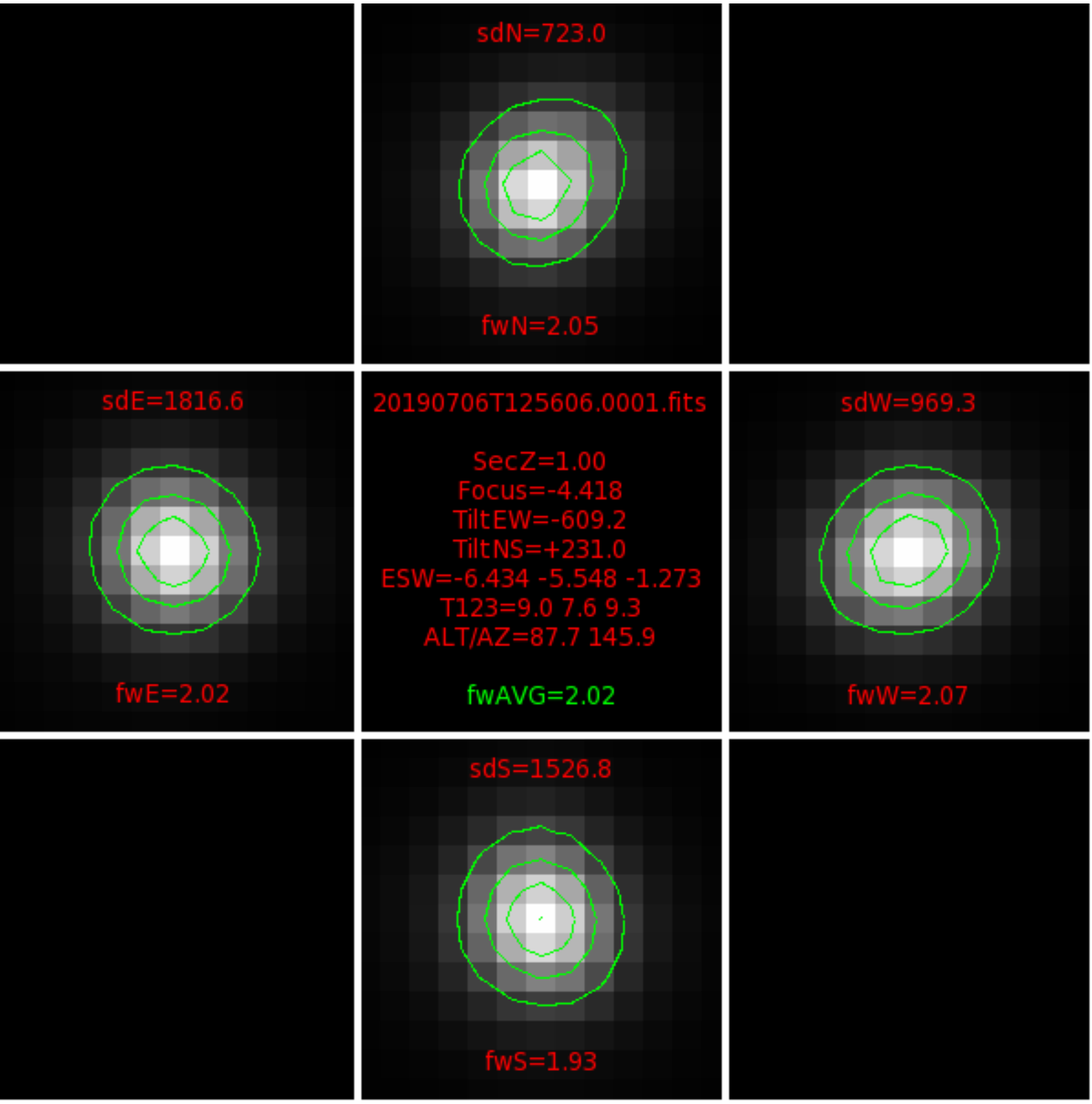

sdN=407.0
fwN=2.45
sdE=885.5
fwE=1.83
20190706T125523.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 0.0 9.3
ALT/AZ=87.6 142.7
fwAVG=2.05
sdW=322.4
fwW=1.98
sdS=710.7
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=723.0
fwN=2.05
sdE=1816.6
fwE=2.02
20190706T125606.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.6 9.3
ALT/AZ=87.7 145.9
fwAVG=2.02
sdW=969.3
fwW=2.07
sdS=1526.8
fwS=1.93
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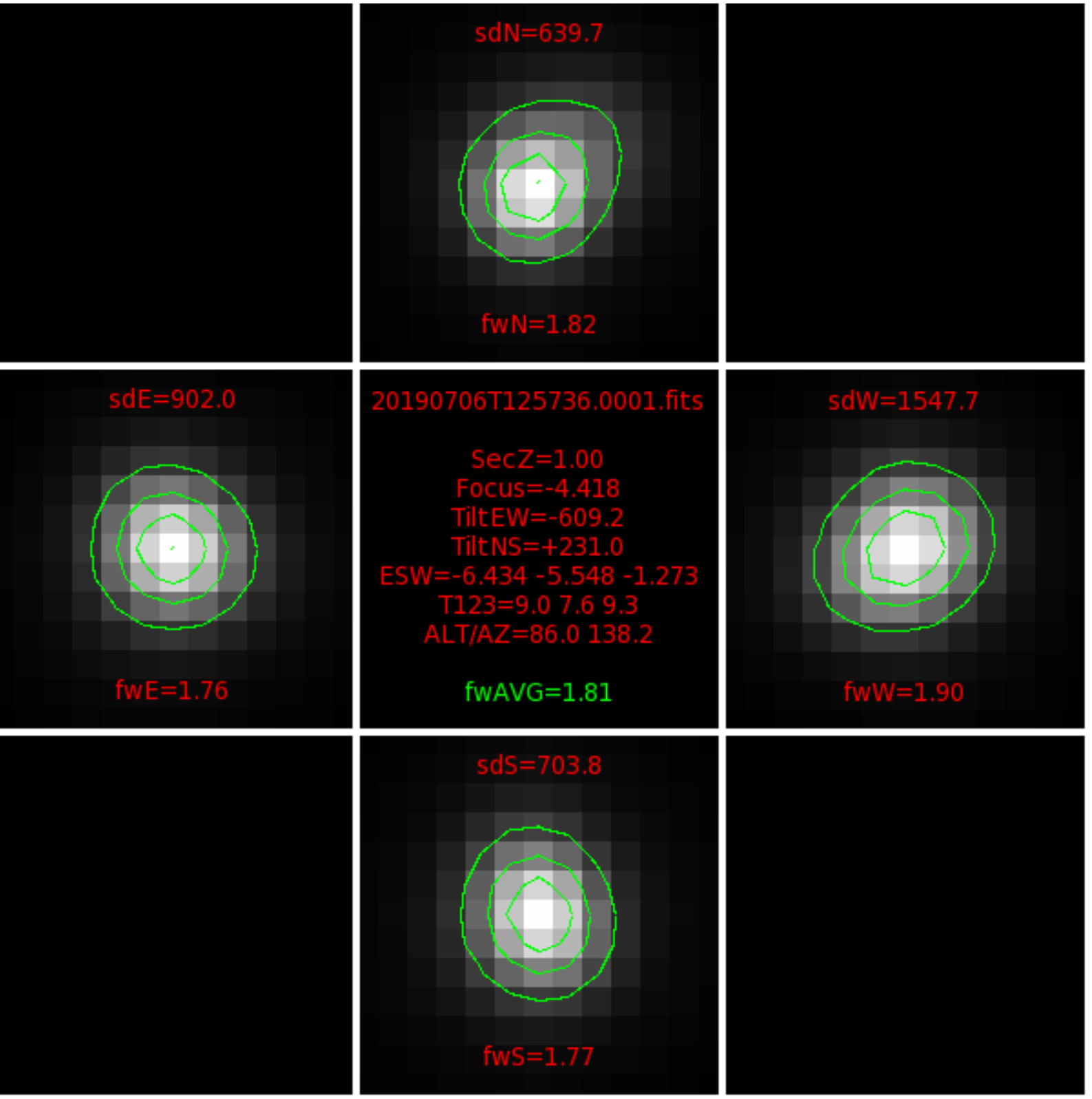
sdN=639.7
fwN=1.82
sdE=902.0
fwE=1.76
20190706T125736.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.6 9.3
ALT/AZ=86.0 138.2
fwAVG=1.81
sdW=1547.7
fwW=1.90
sdS=703.8
fwS=1.77
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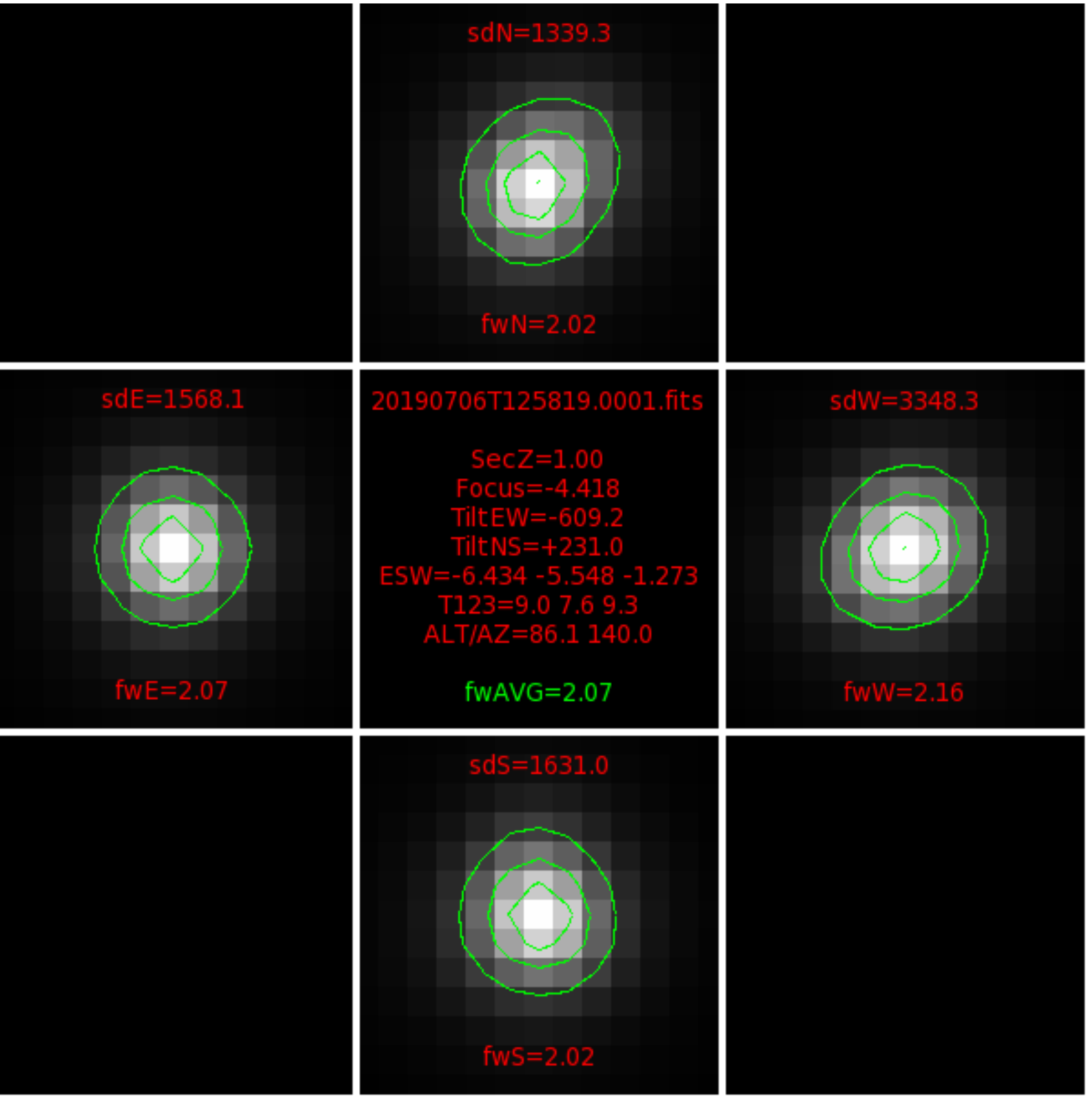
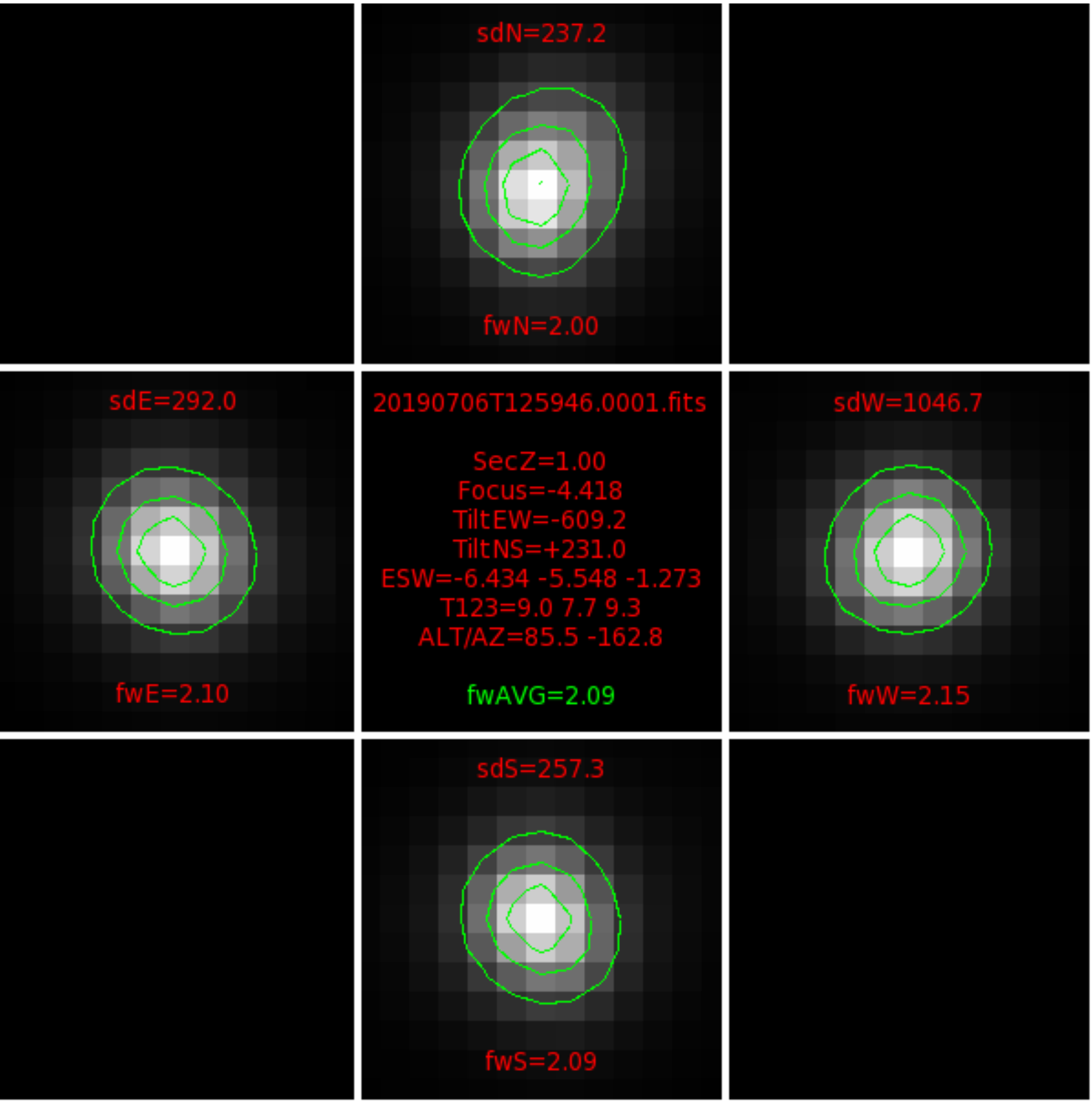

sdN=1339.3
fwN=2.02
sdE=1568.1
fwE=2.07
20190706T125819.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.6 9.3
ALT/AZ=86.1 140.0
fwAVG=2.07
sdW=3348.3
fwW=2.16
sdS=1631.0
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=237.2
fwN=2.00
sdE=292.0
fwE=2.10
20190706T125946.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.7 9.3
ALT/AZ=85.5 -162.8
fwAVG=2.09
sdW=1046.7
fwW=2.15
sdS=257.3
fwS=2.09
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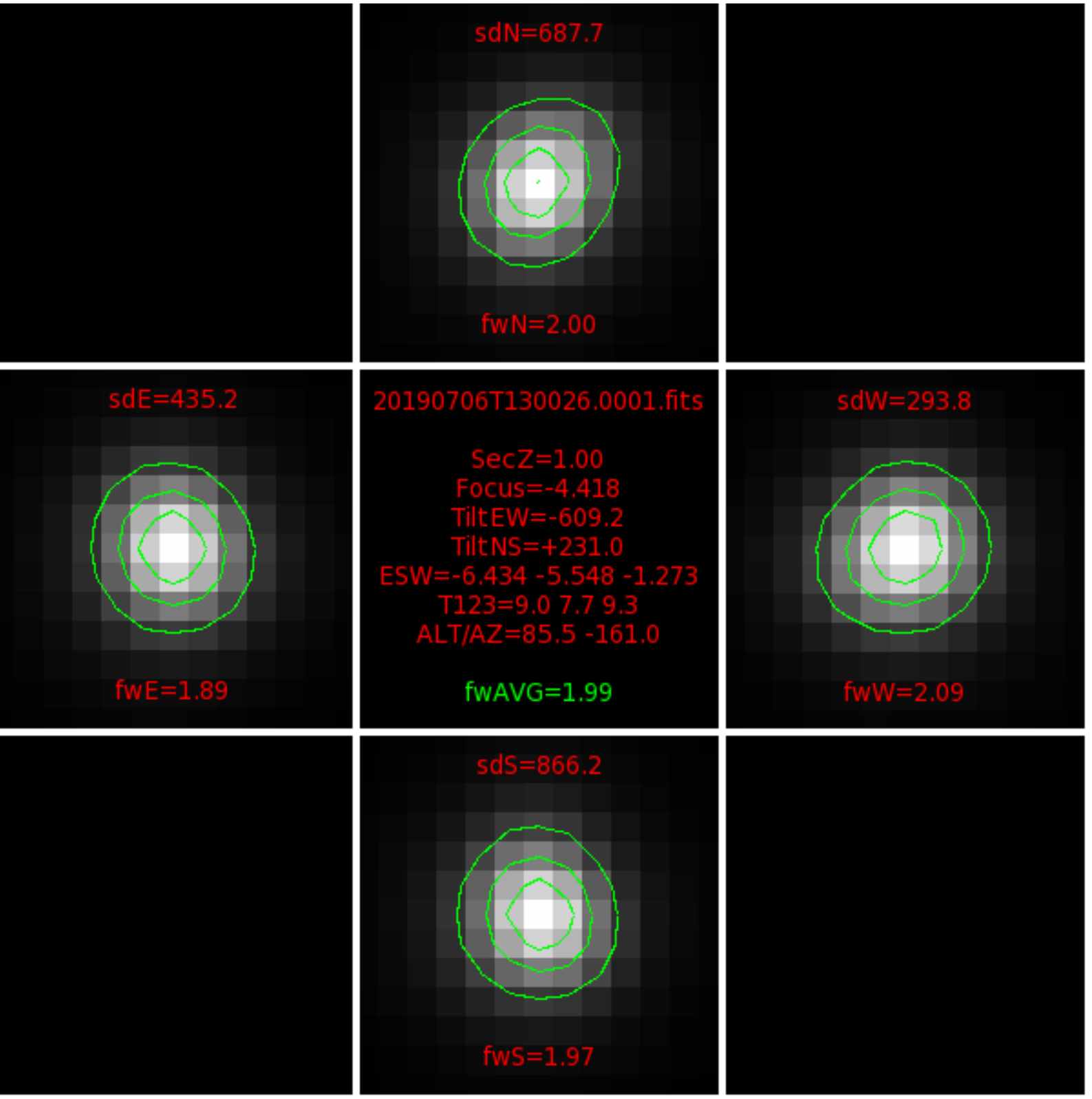
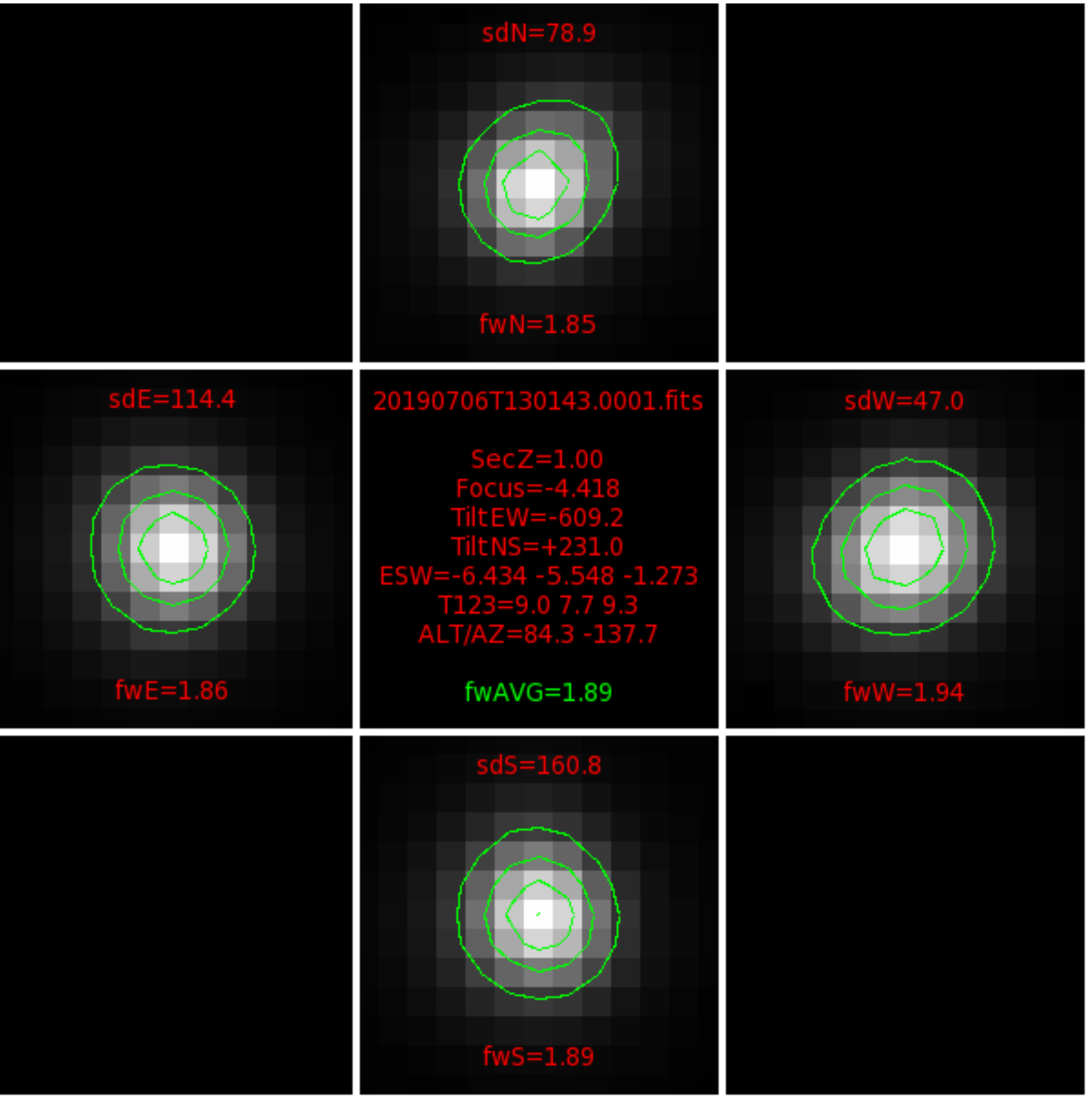

sdN=687.7
fwN=2.00
sdE=435.2
fwE=1.89
20190706T130026.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.7 9.3
ALT/AZ=85.5 -161.0
fwAVG=1.99
sdW=293.8
fwW=2.09
sdS=866.2
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=78.9
fwN=1.85
sdE=114.4
fwE=1.86
20190706T130143.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.7 9.3
ALT/AZ=84.3 -137.7
fwAVG=1.89
sdW=47.0
fwW=1.94
sdS=160.8
fwS=1.89
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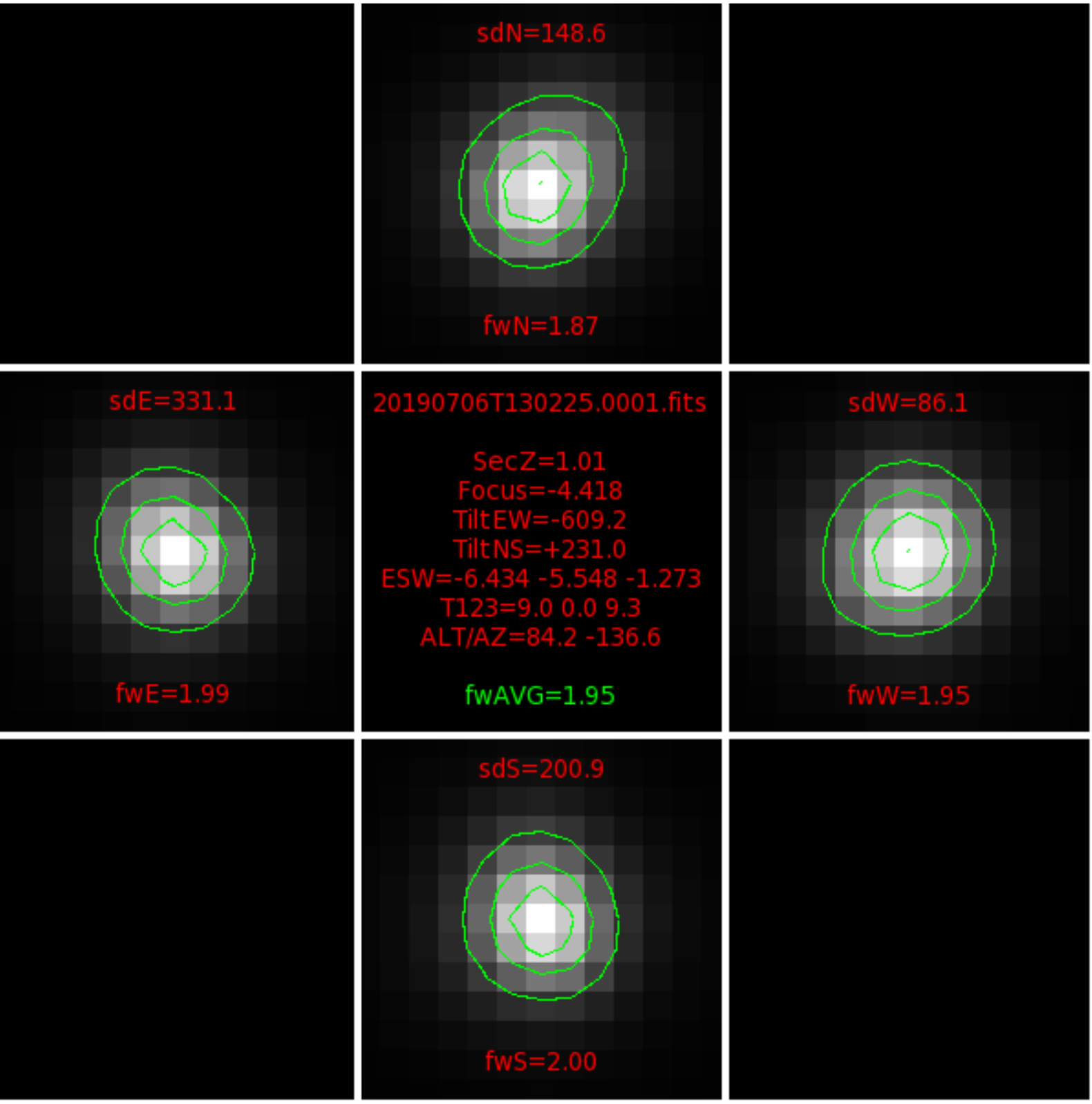
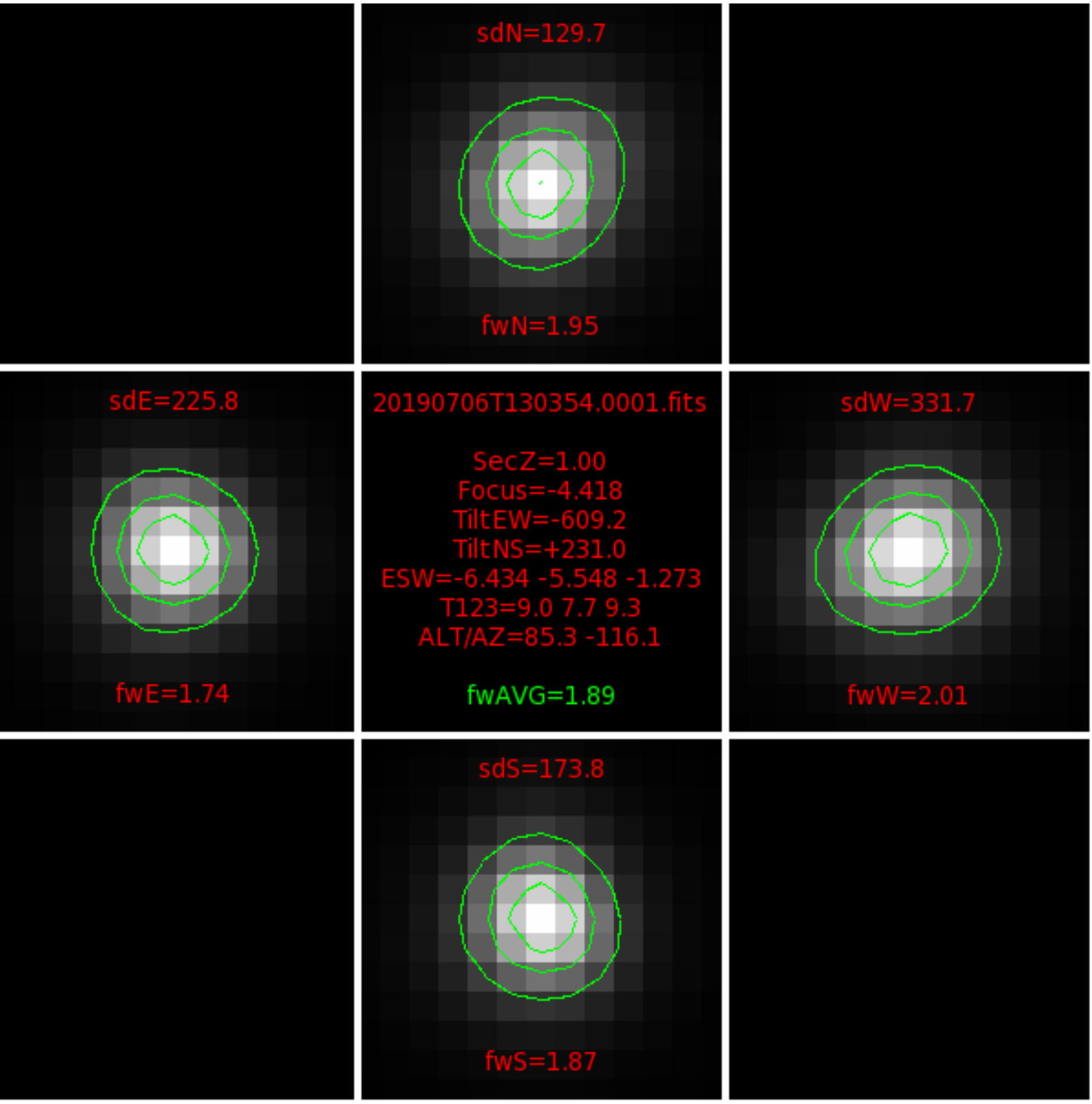
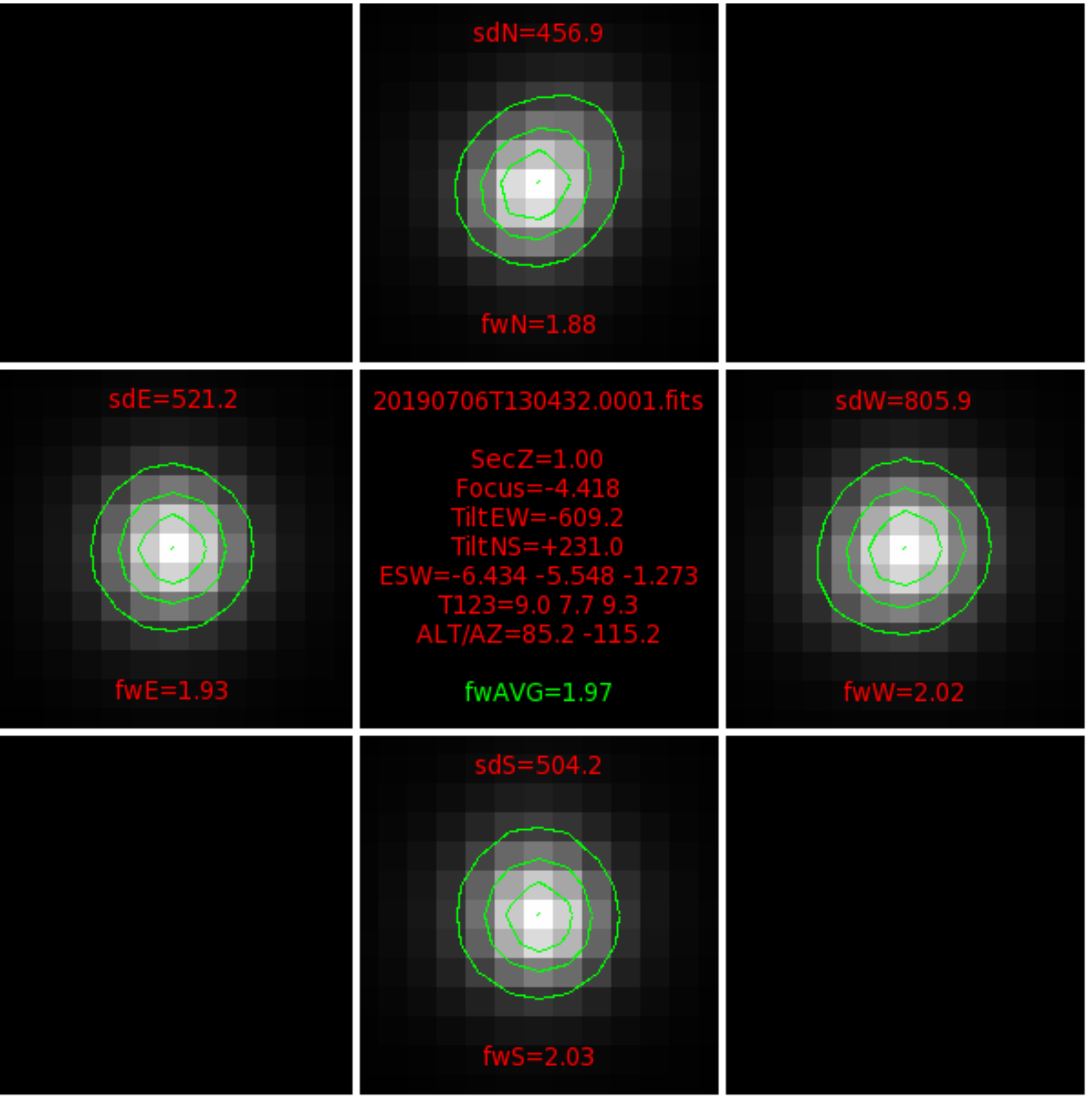

sdN=148.6
fwN=1.87
sdE=331.1
fwE=1.99
20190706T130225.0001.fits
SecZ=1.01
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 0.0 9.3
ALT/AZ=84.2 -136.6
fwAVG=1.95
sdW=86.1
fwW=1.95
sdS=200.9
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=129.7
fwN=1.95
sdE=225.8
fwE=1.74
20190706T130354.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.7 9.3
ALT/AZ=85.3 -116.1
fwAVG=1.89
sdW=331.7
fwW=2.01
sdS=173.8
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=456.9
fwN=1.88
sdE=521.2
fwE=1.93
20190706T130432.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.7 9.3
ALT/AZ=85.2 -115.2
fwAVG=1.97
sdW=805.9
fwW=2.02
sdS=504.2
fwS=2.03
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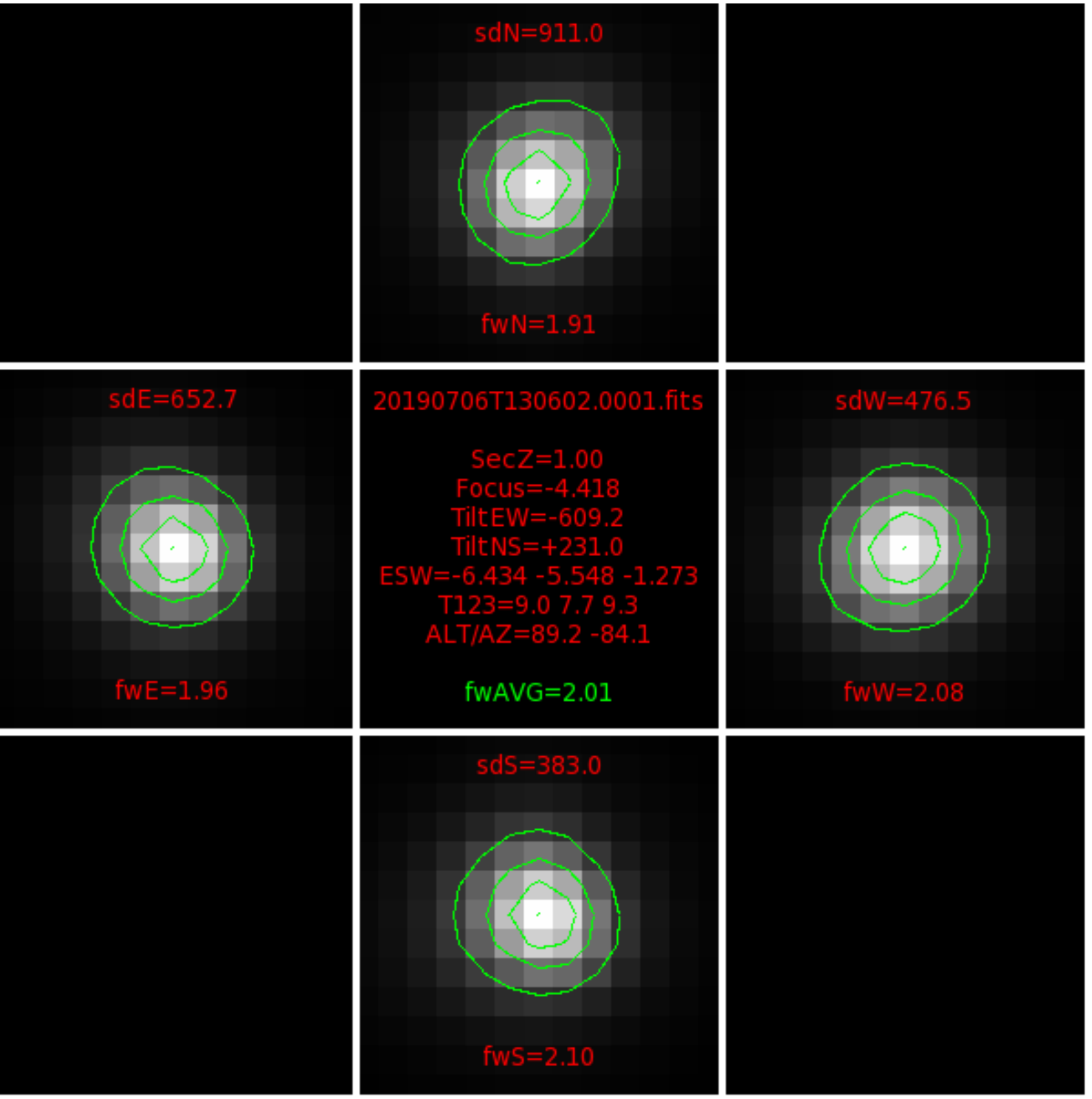
sdN=911.0
fwN=1.91
sdE=652.7
fwE=1.96
20190706T130602.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.7 9.3
ALT/AZ=89.2 -84.1
fwAVG=2.01
sdW=476.5
fwW=2.08
sdS=383.0
fwS=2.10
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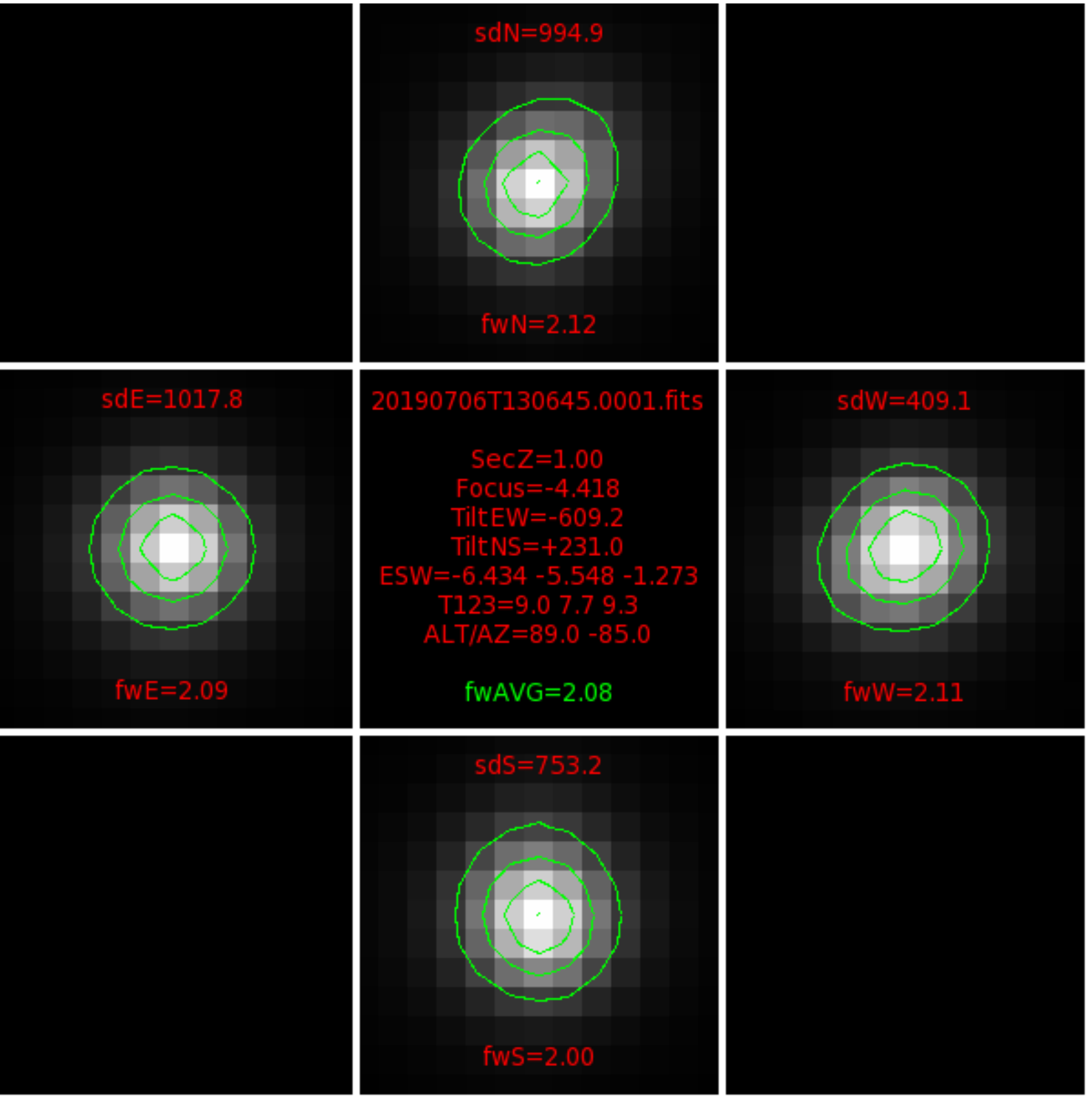
sdN=994.9
fwN=2.12
sdE=1017.8
fwE=2.09
20190706T130645.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.7 9.3
ALT/AZ=89.0 -85.0
fwAVG=2.08
sdW=409.1
fwW=2.11
sdS=753.2
fwS=2.00
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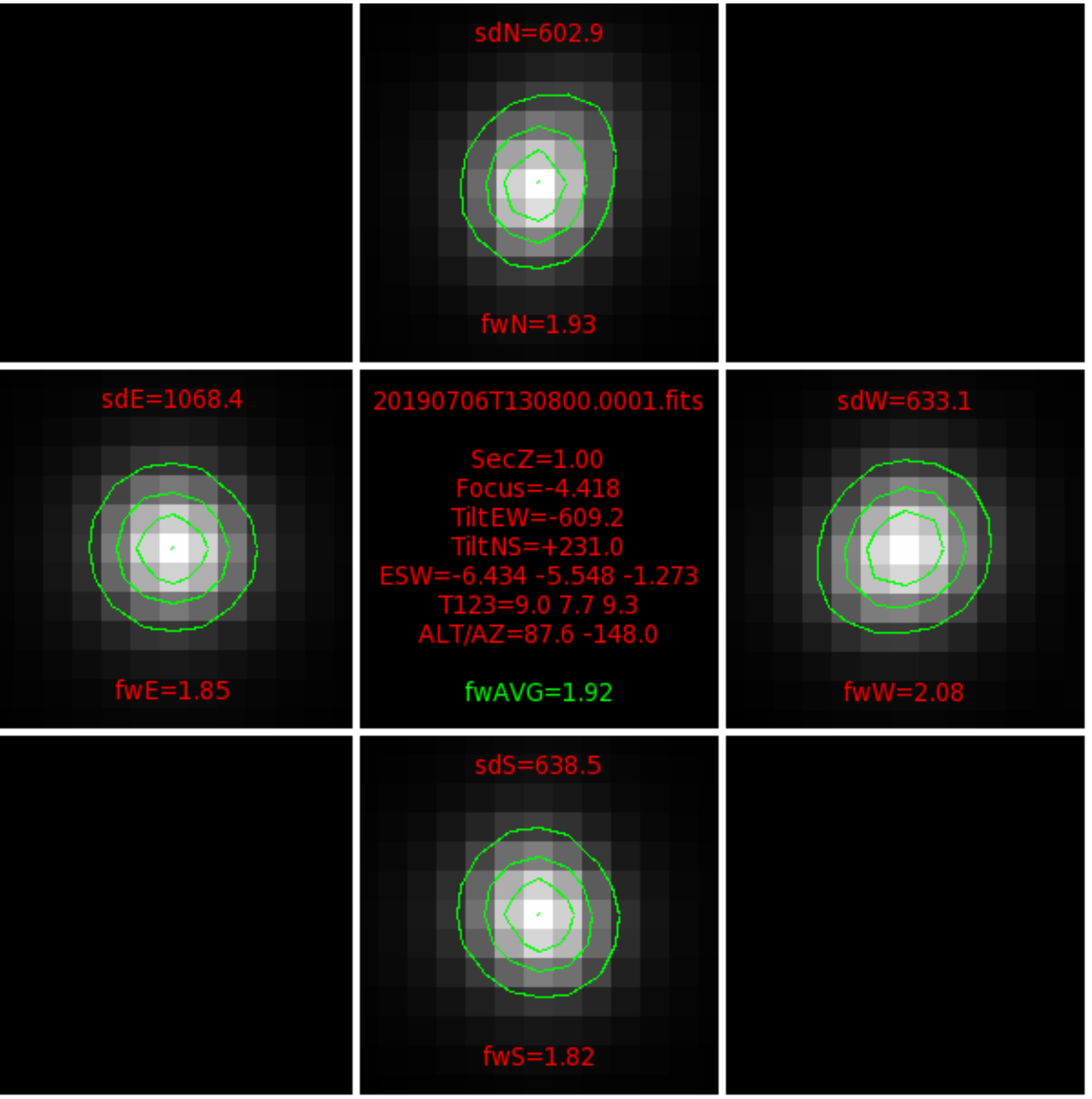
sdN=602.9
fwN=1.93
sdE=1068.4
fwE=1.85
20190706T130800.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.7 9.3
ALT/AZ=87.6 -148.0
fwAVG=1.92
sdW=633.1
fwW=2.08
sdS=638.5
fwS=1.82
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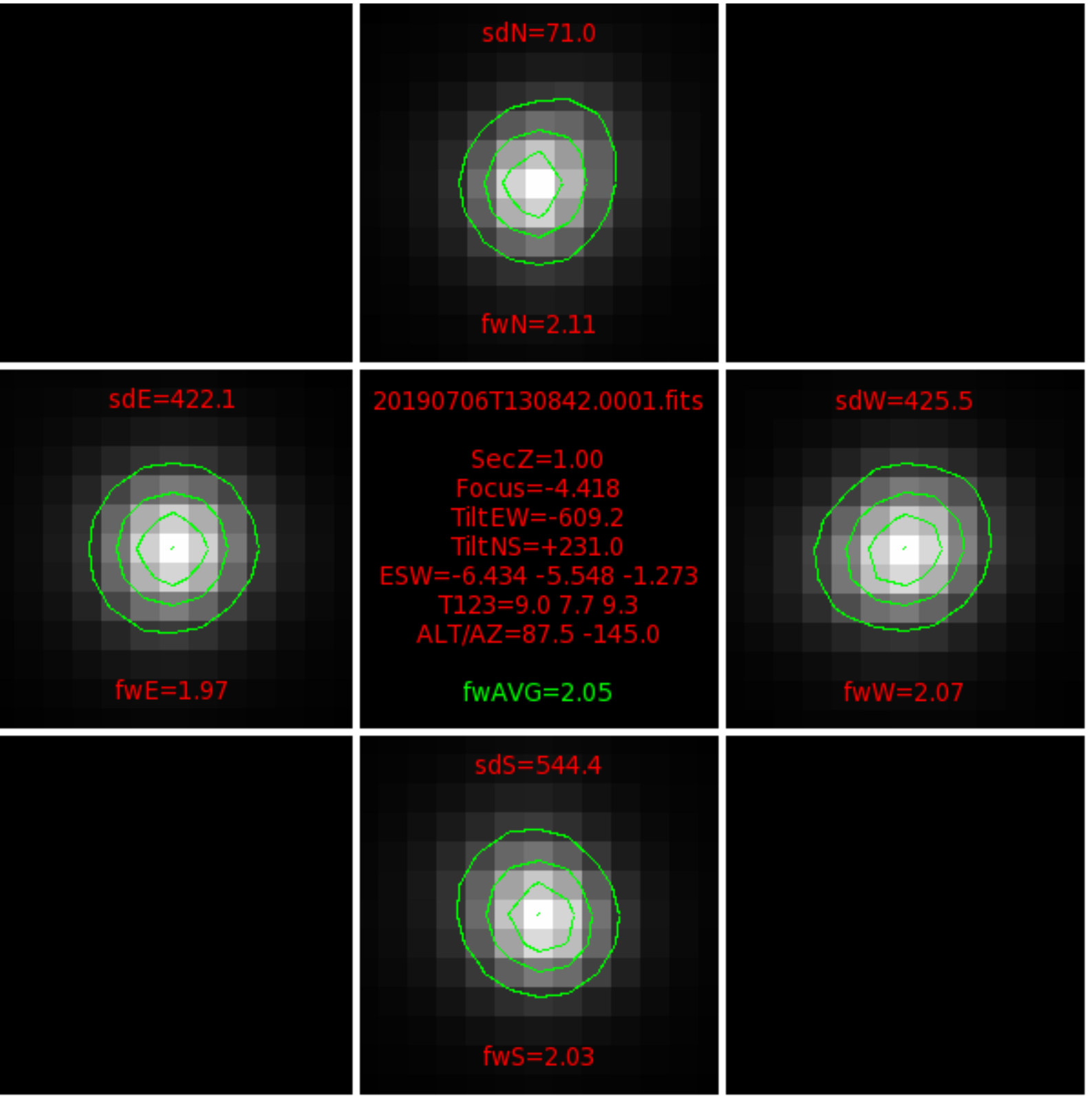
sdN=71.0
fwN=2.11
sdE=422.1
fwE=1.97
20190706T130842.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.7 9.3
ALT/AZ=87.5 -145.0
fwAVG=2.05
sdW=425.5
fwW=2.07
sdS=544.4
fwS=2.03
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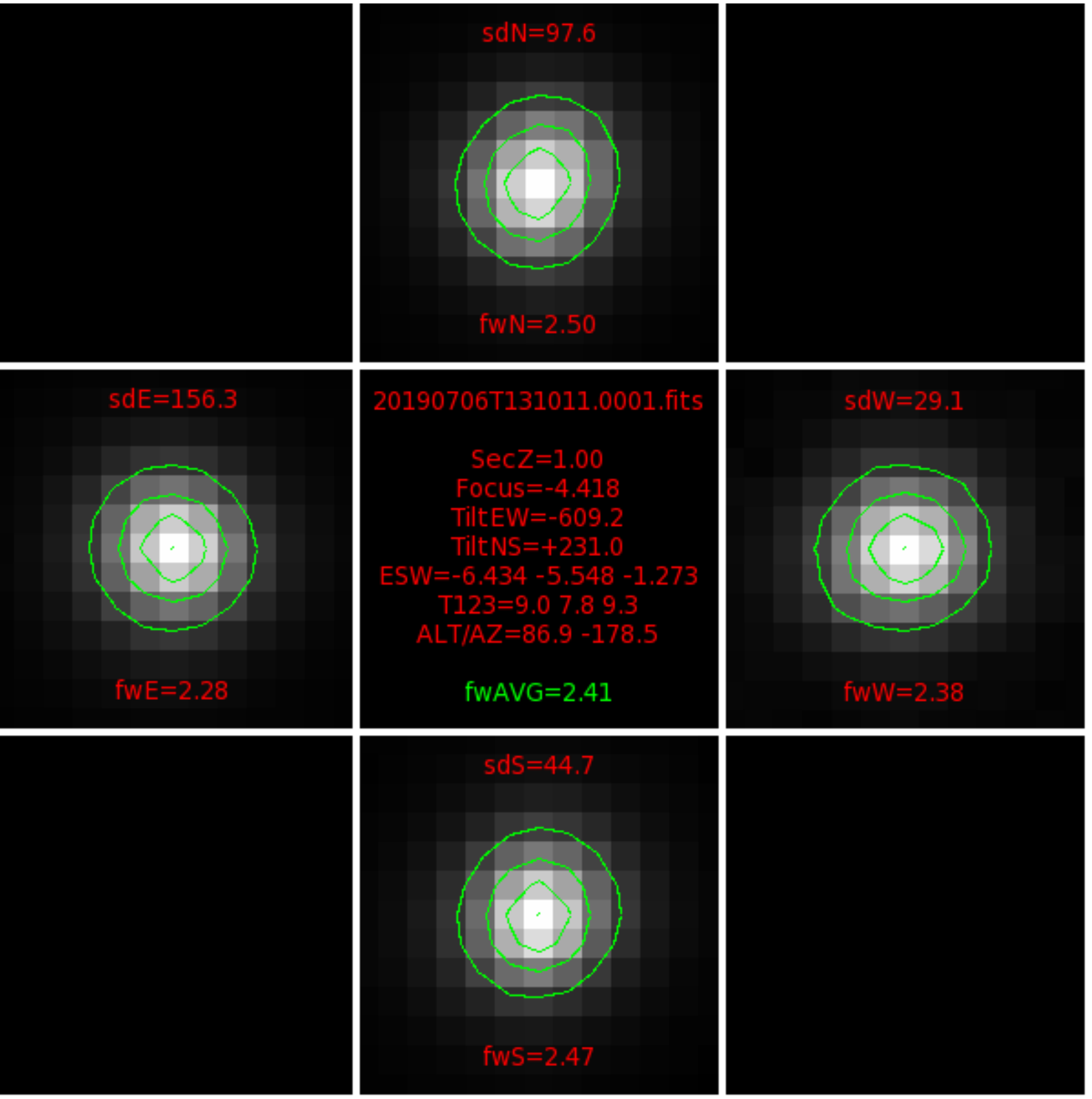
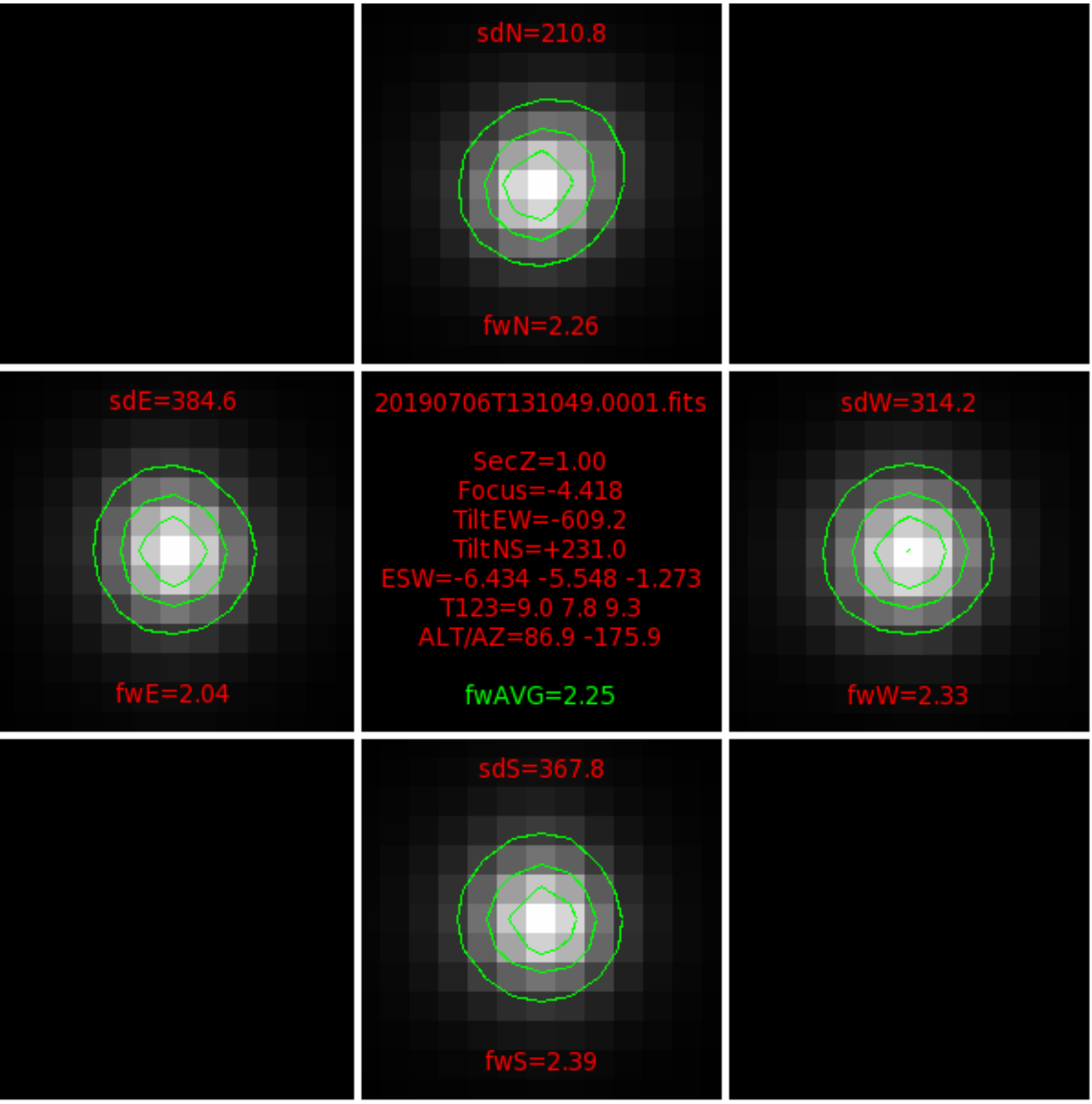

sdN=97.6
fwN=2.50
sdE=156.3
fwE=2.28
20190706T131011.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.8 9.3
ALT/AZ=86.9 -178.5
fwAVG=2.41
sdW=29.1
fwW=2.38
sdS=44.7
fwS=2.47
0 0 0 0 0 0 0 0 0


sdN=210.8
fwN=2.26
sdE=384.6
fwE=2.04
20190706T131049.0001.fits
SecZ=1.00
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.8 9.3
ALT/AZ=86.9 -175.9
fwAVG=2.25
sdW=314.2
fwW=2.33
sdS=367.8
fwS=2.39
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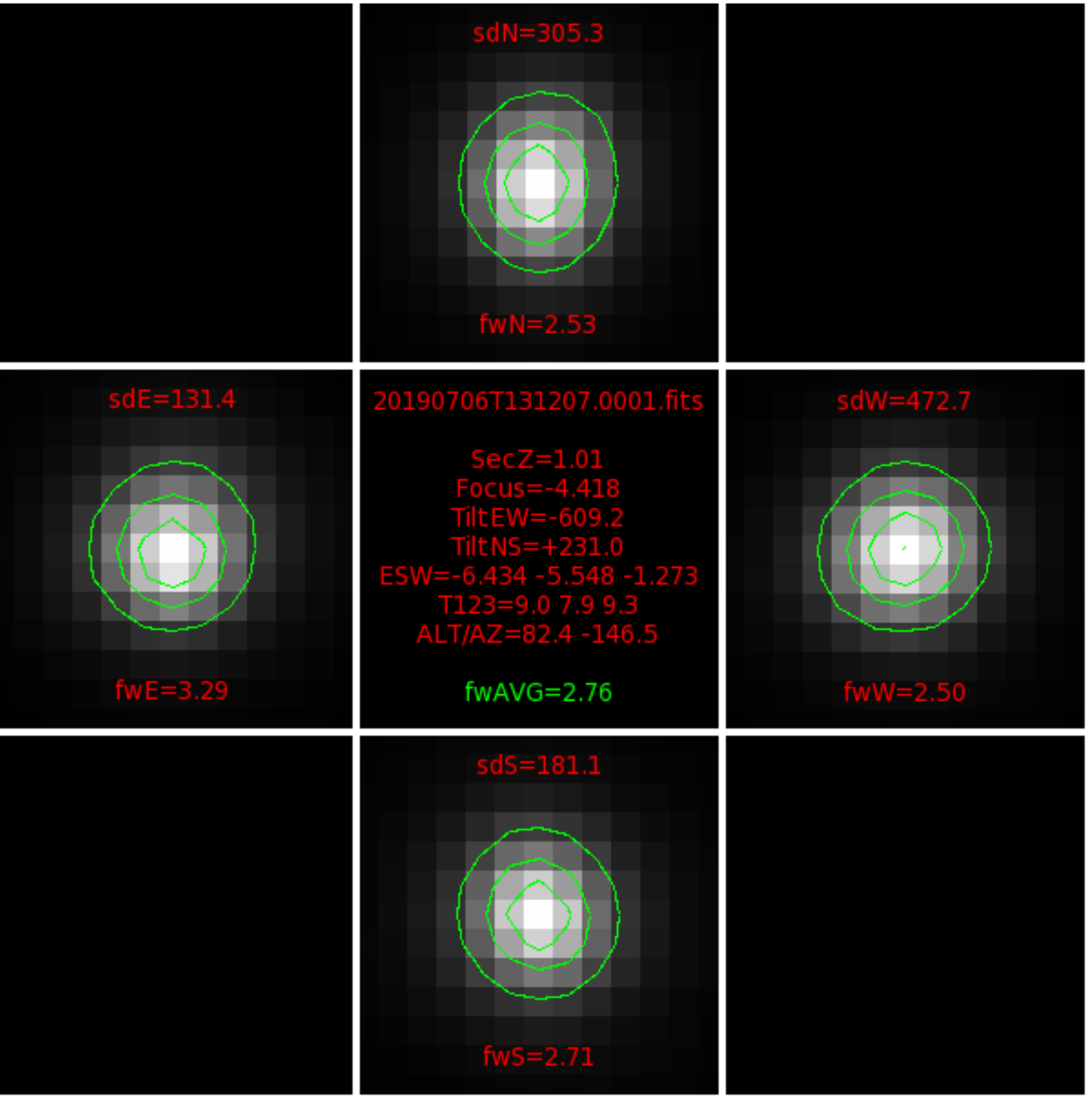
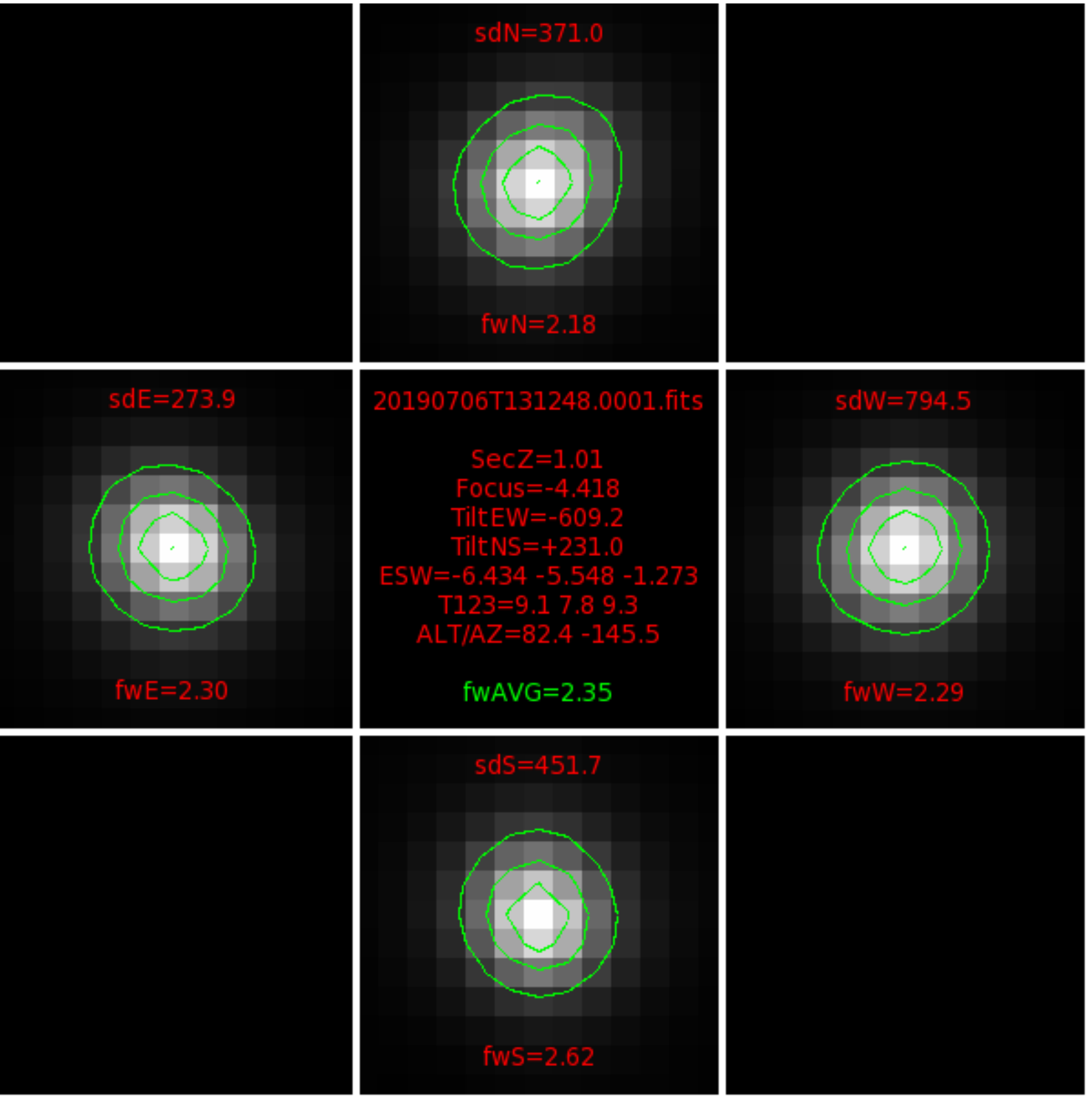

sdN=305.3
fwN=2.53
sdE=131.4
fwE=3.29
20190706T131207.0001.fits
SecZ=1.01
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.9 9.3
ALT/AZ=82.4 -146.5
fwAVG=2.76
sdW=472.7
fwW=2.50
sdS=181.1
fwS=2.71
0 0 0 0 0 0 0 0 0


sdN=371.0
fwN=2.18
sdE=273.9
fwE=2.30
20190706T131248.0001.fits
SecZ=1.01
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.1 7.8 9.3
ALT/AZ=82.4 -145.5
fwAVG=2.35
sdW=794.5
fwW=2.29
sdS=451.7
fwS=2.62
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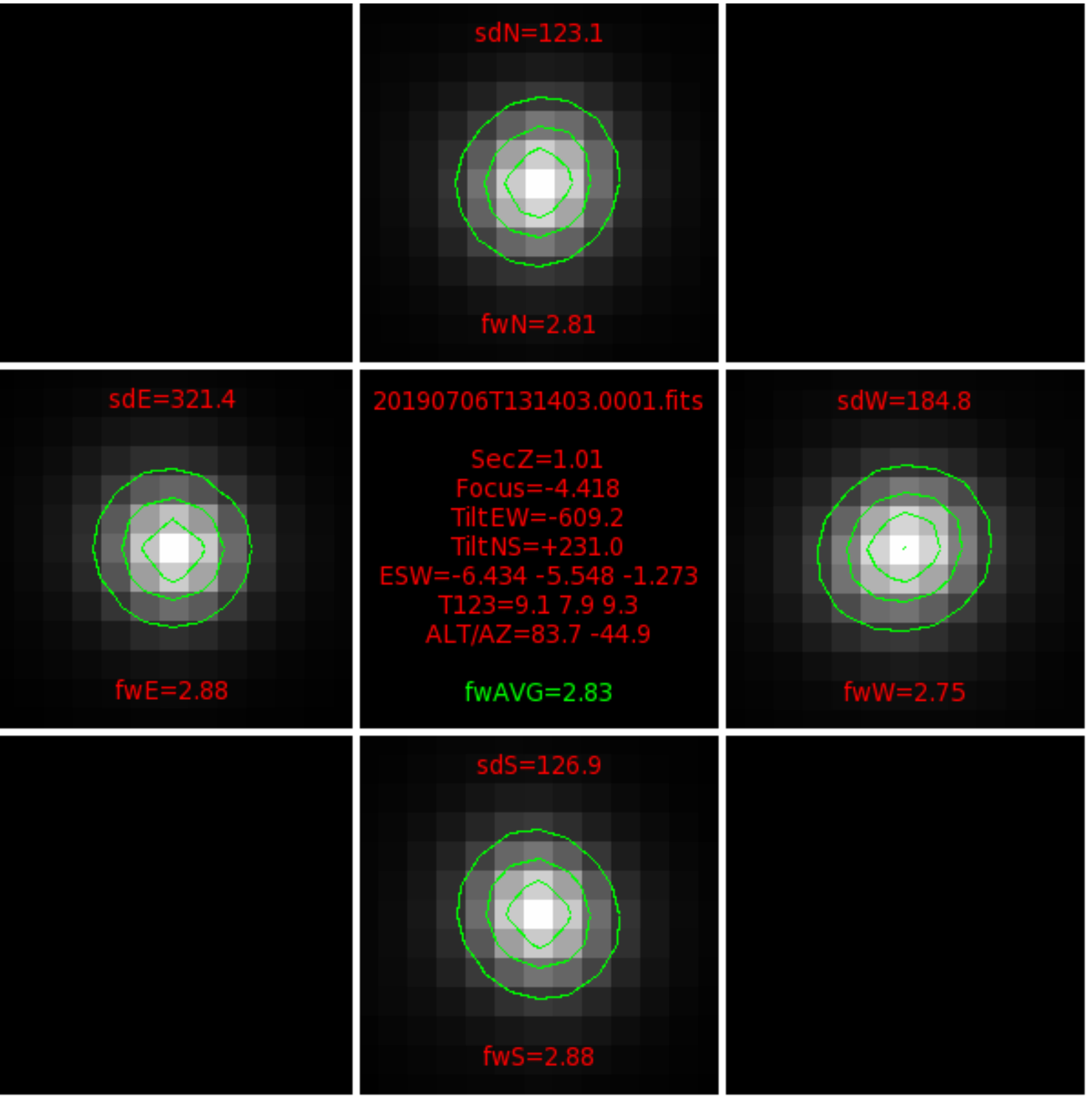
sdN=123.1
fwN=2.81
sdE=321.4
fwE=2.88
20190706T131403.0001.fits
SecZ=1.01
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.1 7.9 9.3
ALT/AZ=83.7 -44.9
fwAVG=2.83
sdW=184.8
fwW=2.75
sdS=126.9
fwS=2.88
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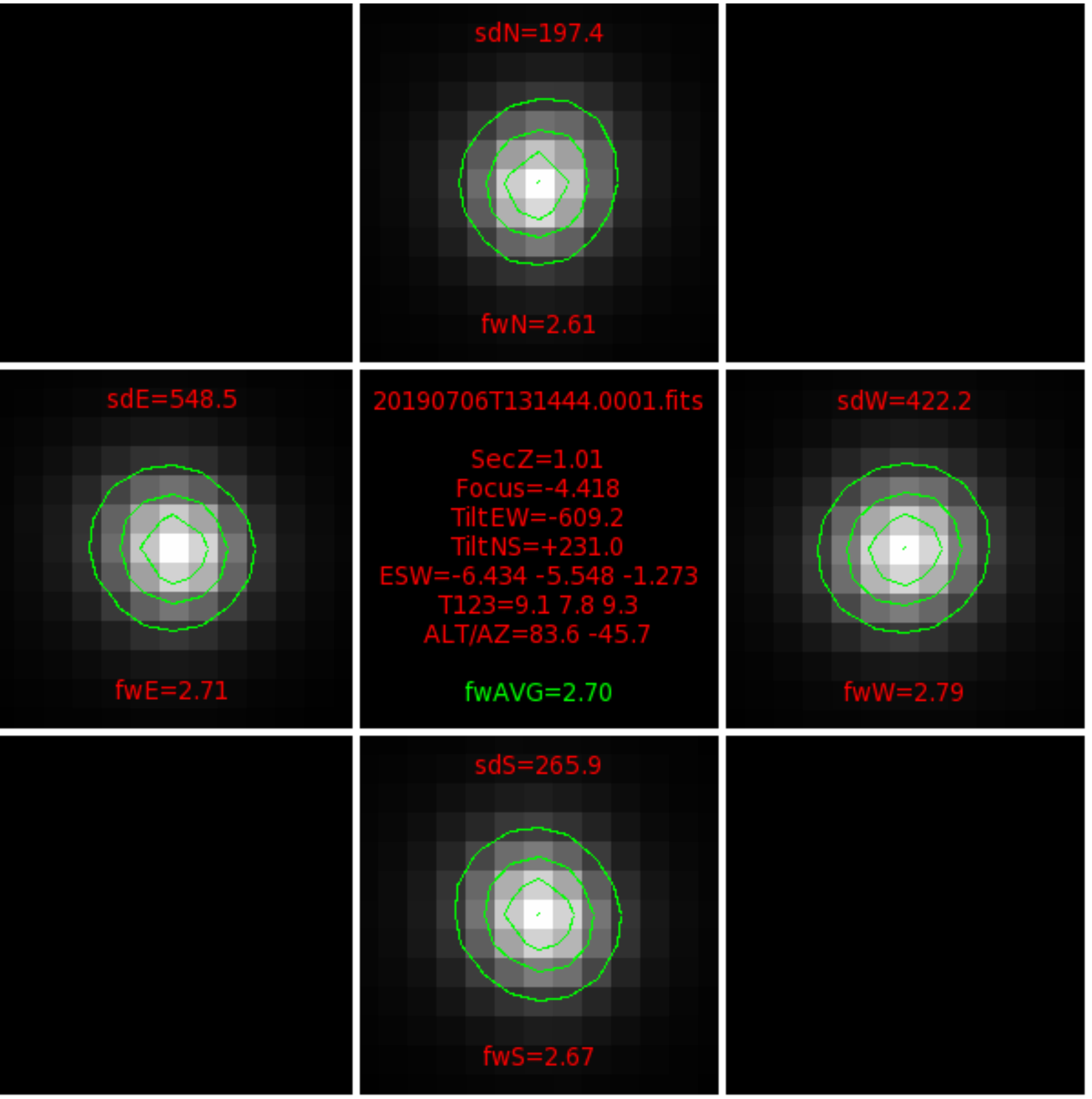
sdN=197.4
fwN=2.61
sdE=548.5
fwE=2.71
20190706T131444.0001.fits
SecZ=1.01
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.1 7.8 9.3
ALT/AZ=83.6 -45.7
fwAVG=2.70
sdW=422.2
fwW=2.79
sdS=265.9
fwS=2.67
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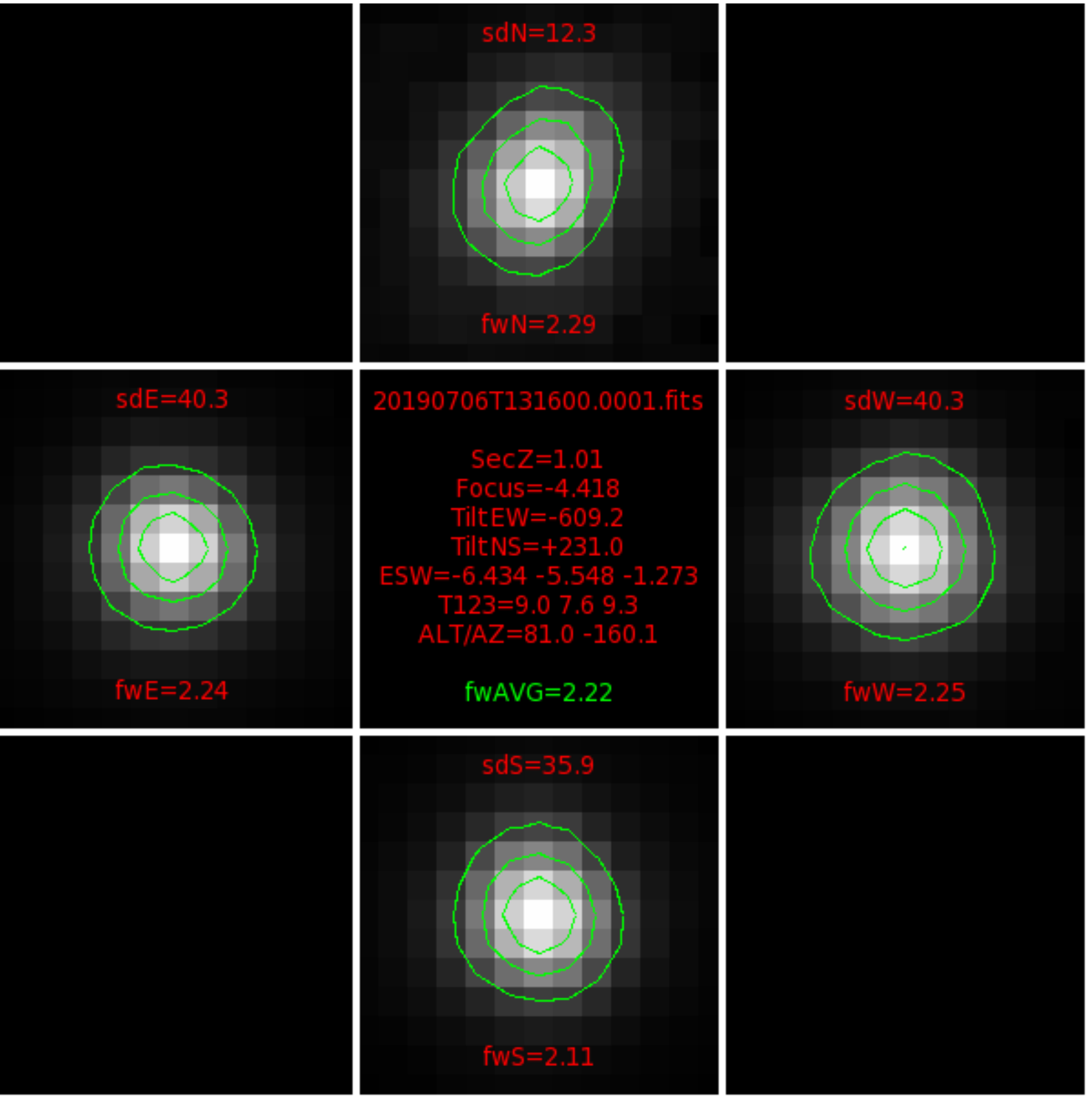
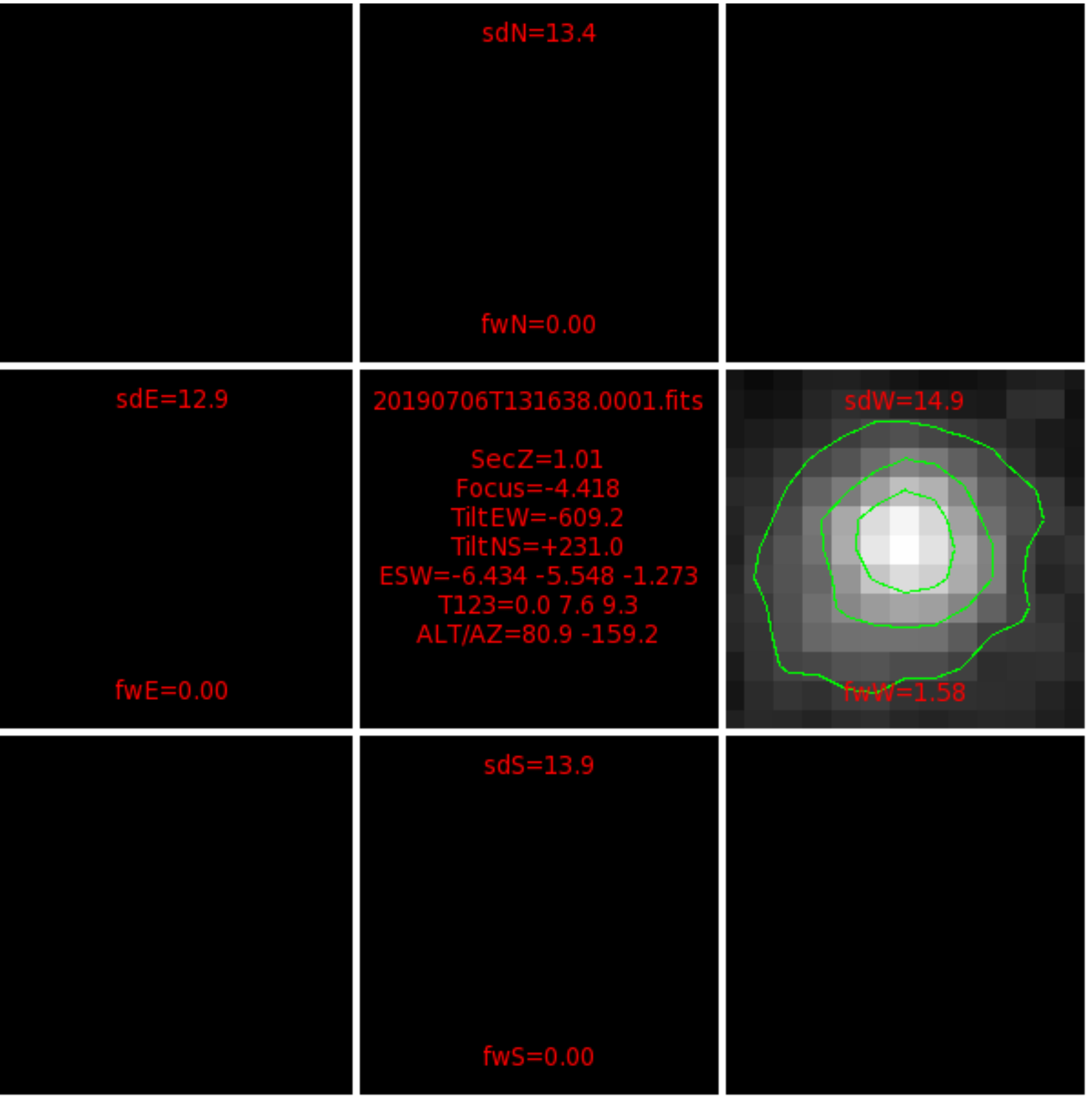
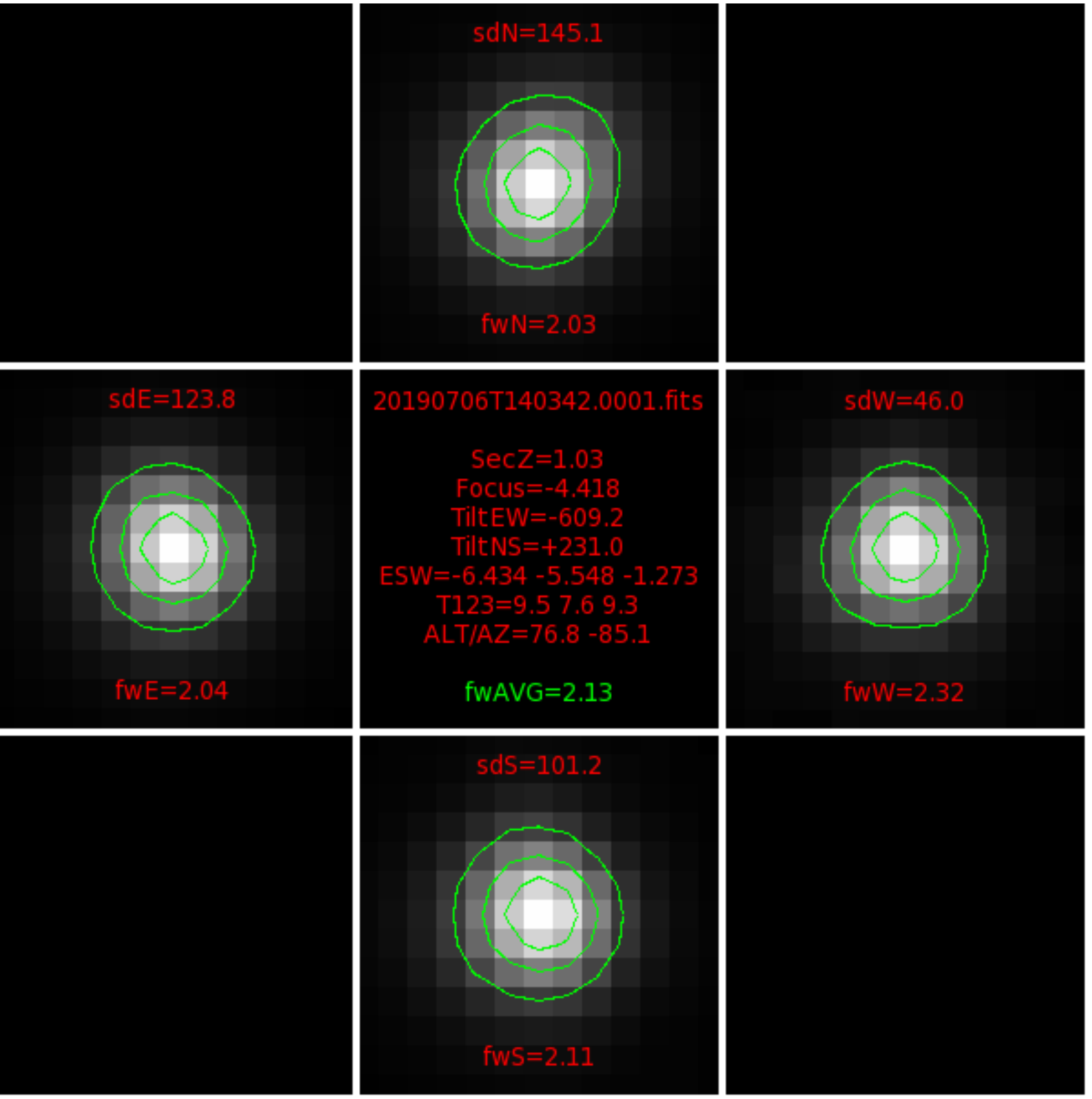
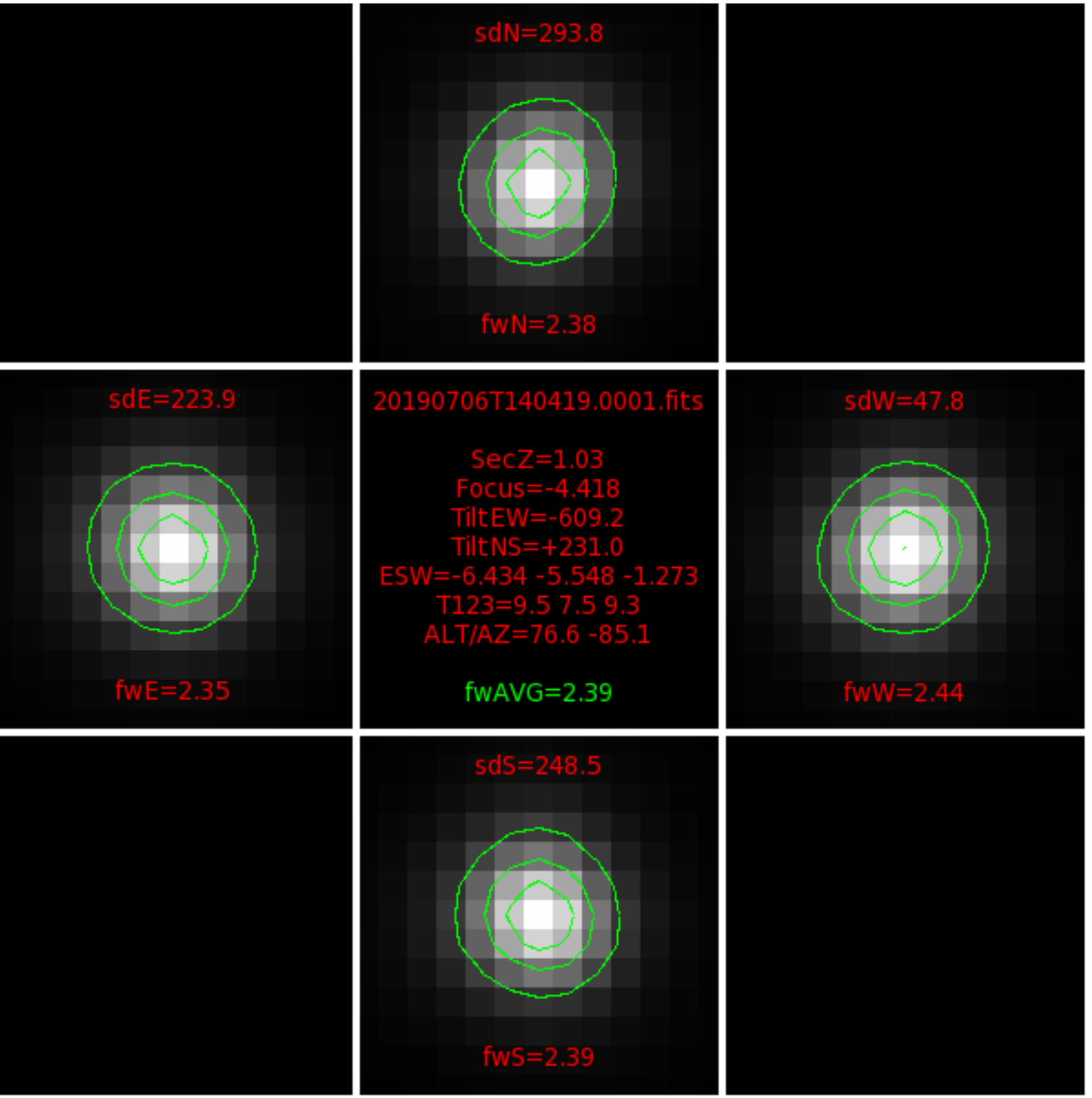

sdN=12.3
fwN=2.29
sdE=40.3
fwE=2.24
20190706T131600.0001.fits
SecZ=1.01
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.6 9.3
ALT/AZ=81.0 -160.1
fwAVG=2.22
sdW=40.3
fwW=2.25
sdS=35.9
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=13.4
fwN=0.00
sdE=12.9
20190706T131638.0001.fits
SecZ=1.01
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=0.0 7.6 9.3
ALT/AZ=80.9 -159.2
sdW=14.9
fwE=0.00
fwW=1.58
sdS=13.9
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=145.1
fwN=2.03
sdE=123.8
fwE=2.04
20190706T140342.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.5 7.6 9.3
ALT/AZ=76.8 -85.1
fwAVG=2.13
sdW=46.0
fwW=2.32
sdS=101.2
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=293.8
fwN=2.38
sdE=223.9
fwE=2.35
20190706T140419.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.5 7.5 9.3
ALT/AZ=76.6 -85.1
fwAVG=2.39
sdW=47.8
fwW=2.44
sdS=248.5
fwS=2.39
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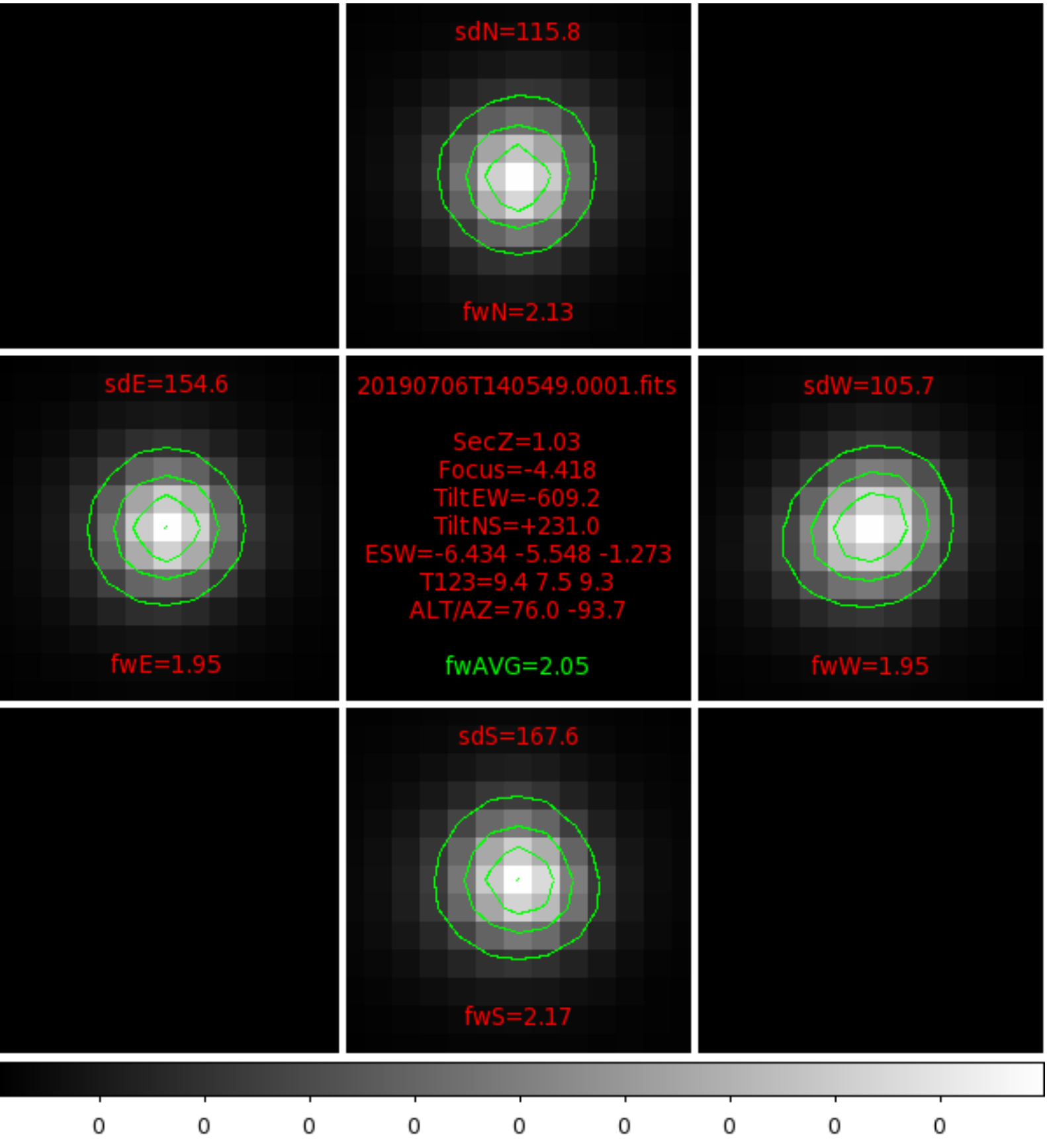
sdN=115.8
fwN=2.13
sdE=154.6
fwE=1.95
20190706T140549.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.4 7.5 9.3
ALT/AZ=76.0 -93.7
fwAVG=2.05
sdW=105.7
fwW=1.95
sdS=167.6
fwS=2.17
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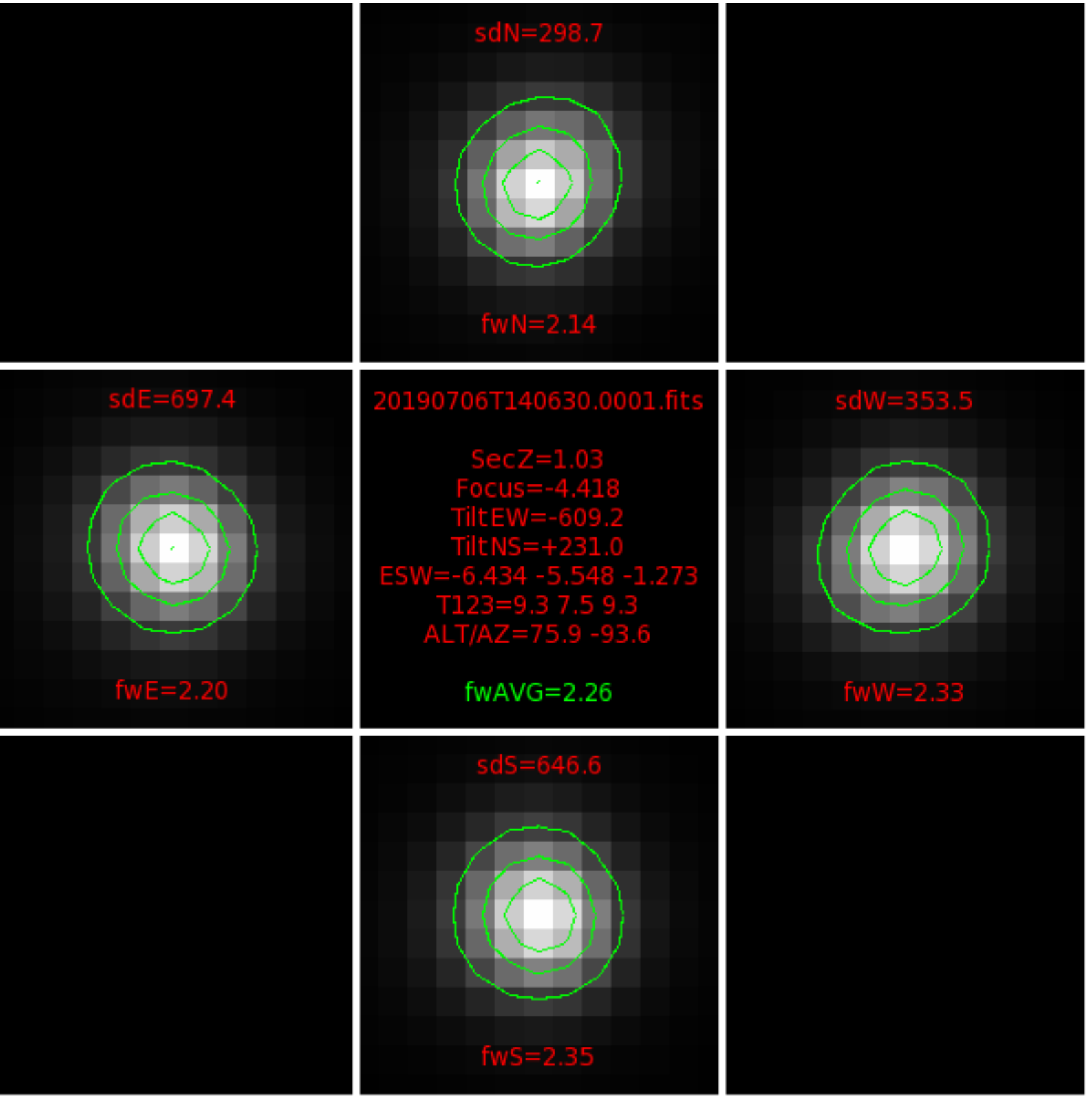
sdN=298.7
fwN=2.14
sdE=697.4
fwE=2.20
20190706T140630.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.3 7.5 9.3
ALT/AZ=75.9 -93.6
fwAVG=2.26
sdW=353.5
fwW=2.33
sdS=646.6
fwS=2.35
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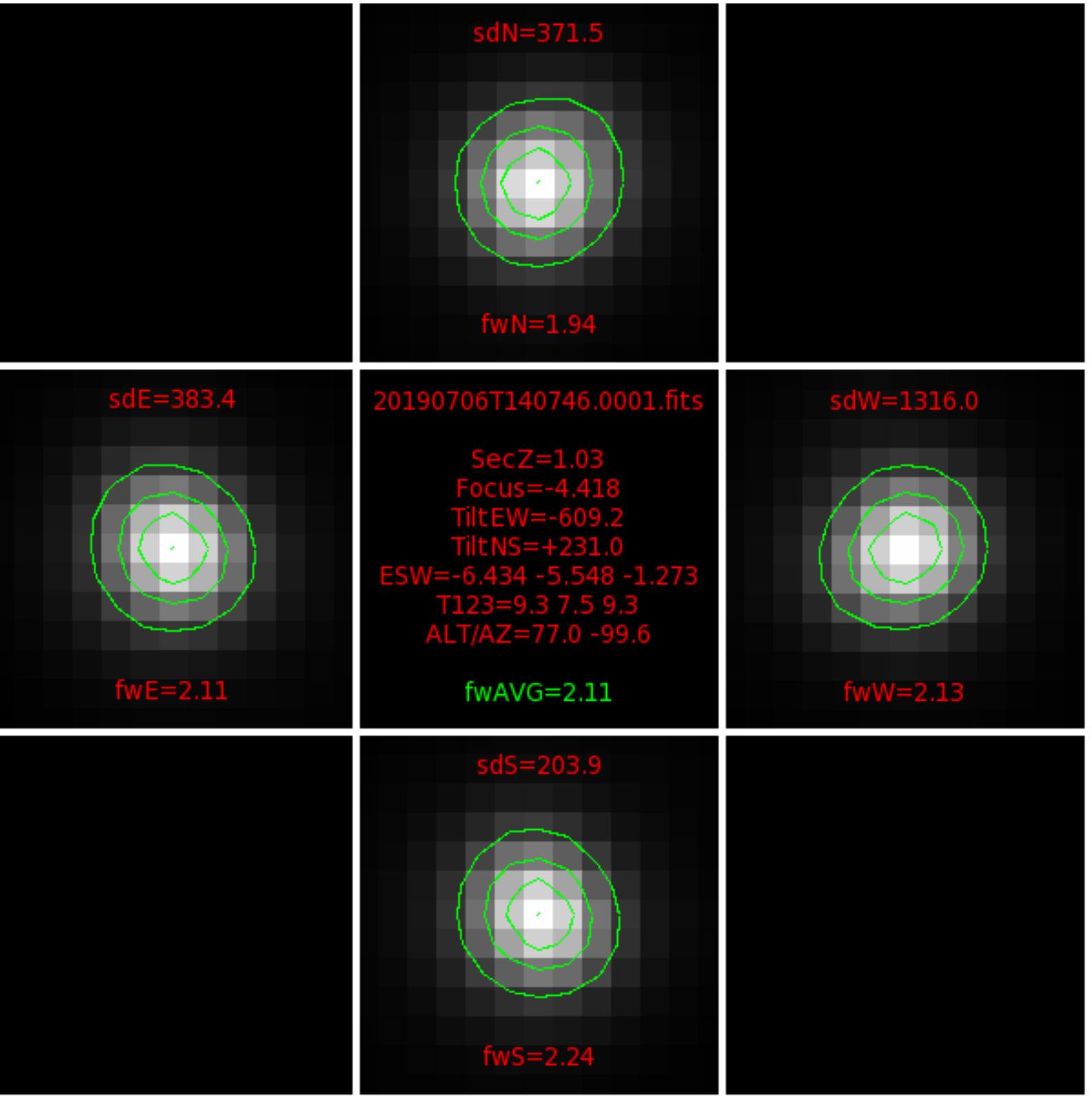
sdN=371.5
fwN=1.94
sdE=383.4
fwE=2.11
20190706T140746.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.3 7.5 9.3
ALT/AZ=77.0 -99.6
fwAVG=2.11
sdW=1316.0
fwW=2.13
sdS=203.9
fwS=2.24
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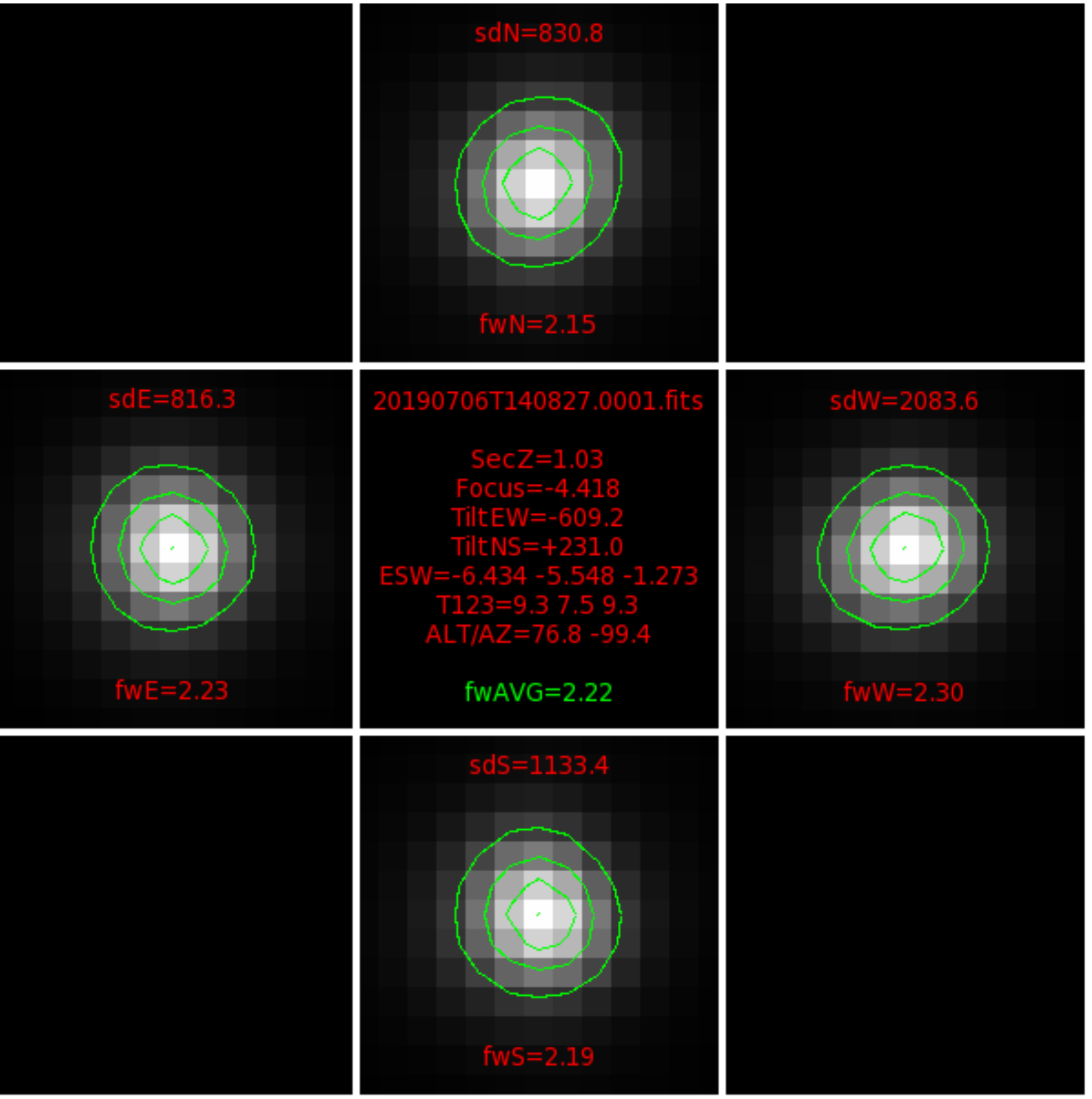
sdN=830.8
fwN=2.15
sdE=816.3
fwE=2.23
20190706T140827.0001.fits
SecZ=1.03
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.3 7.5 9.3
ALT/AZ=76.8 -99.4
fwAVG=2.22
sdW=2083.6
fwW=2.30
sdS=1133.4
fwS=2.19
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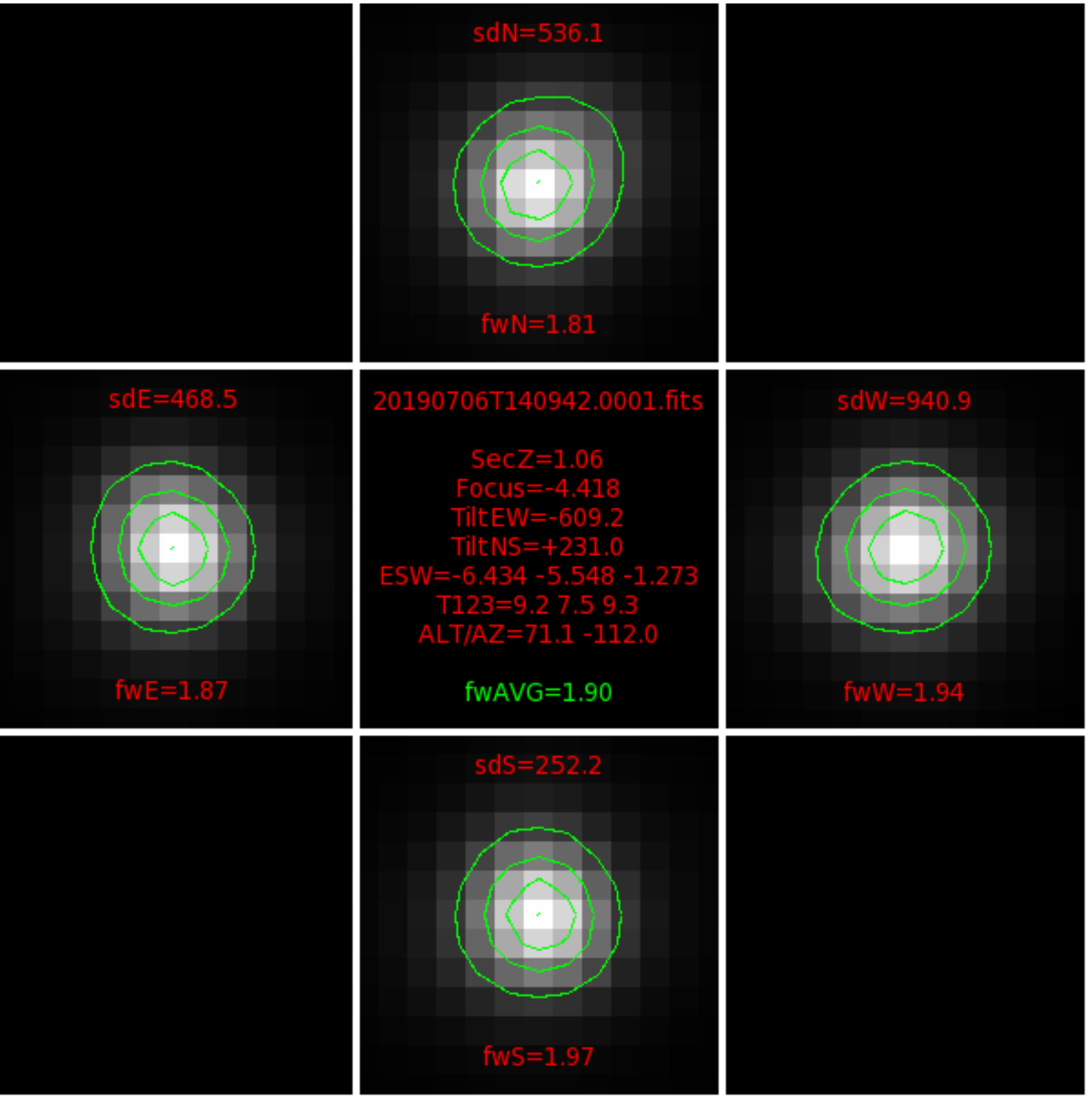
sdN=536.1
fwN=1.81
sdE=468.5
fwE=1.87
20190706T140942.0001.fits
SecZ=1.06
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.2 7.5 9.3
ALT/AZ=71.1 -112.0
fwAVG=1.90
sdW=940.9
fwW=1.94
sdS=252.2
fwS=1.97
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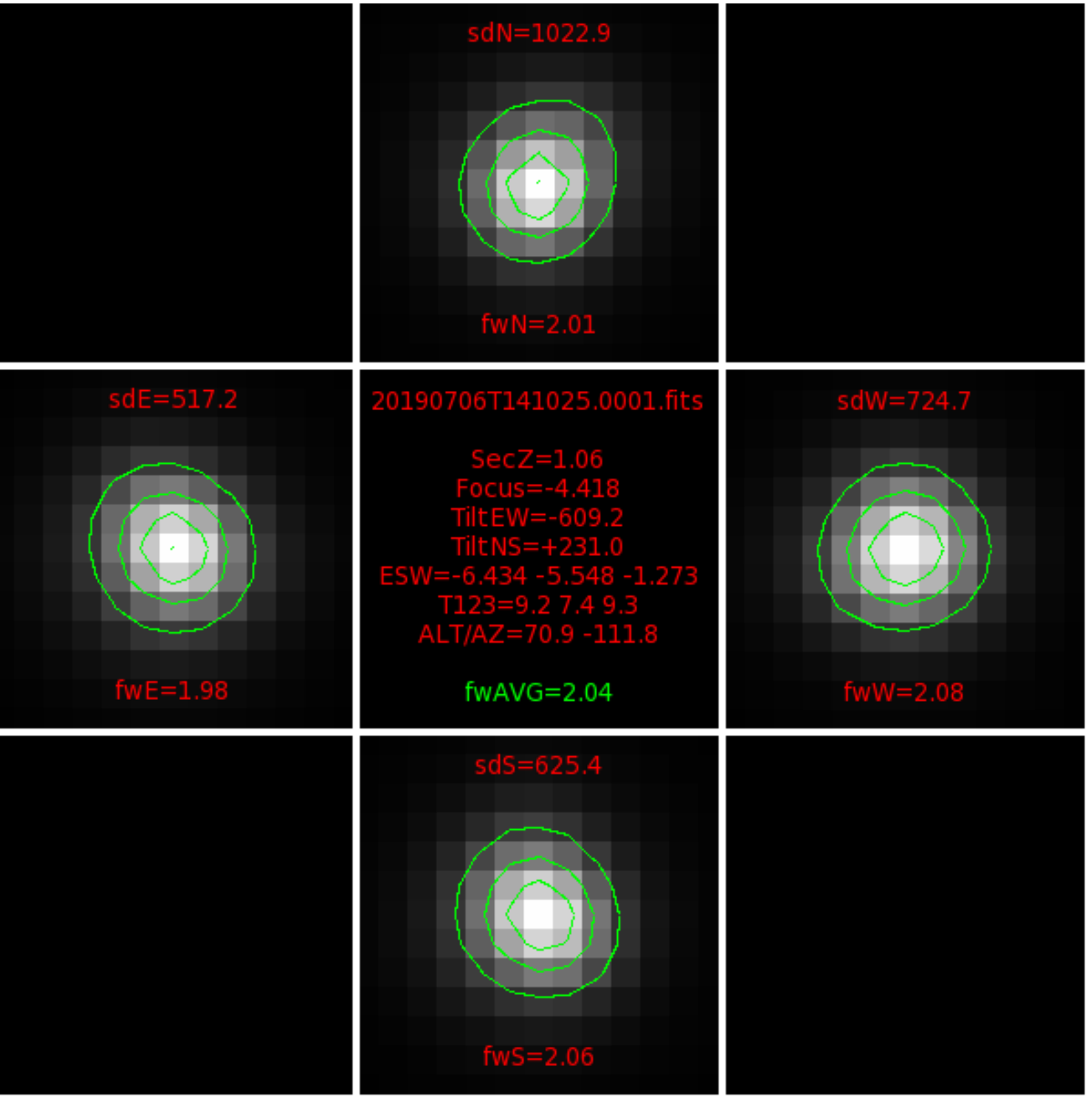
sdN=1022.9
fwN=2.01
sdE=517.2
fwE=1.98
20190706T141025.0001.fits
SecZ=1.06
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.2 7.4 9.3
ALT/AZ=70.9 -111.8
fwAVG=2.04
sdW=724.7
fwW=2.08
sdS=625.4
fwS=2.06
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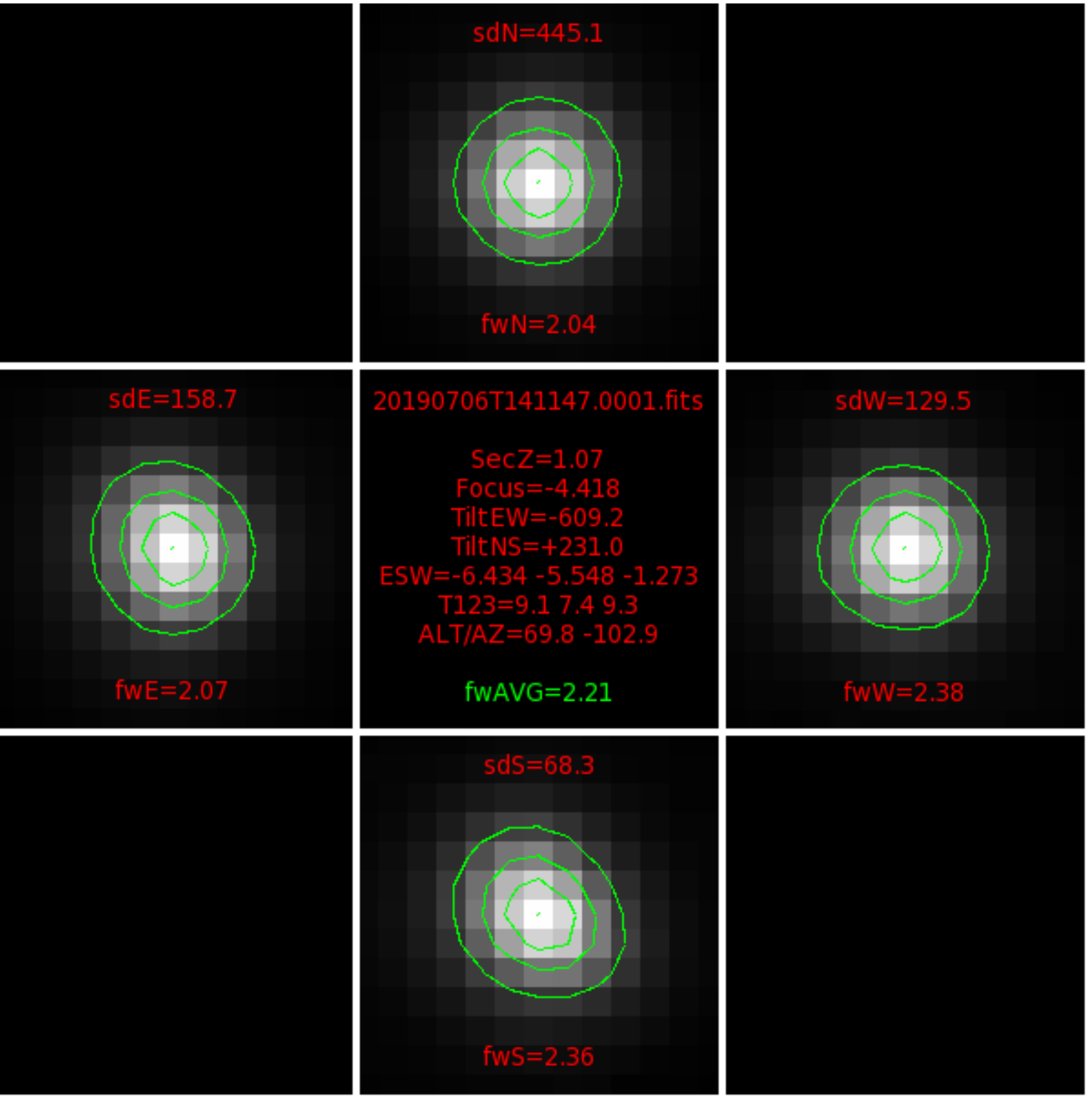
sdN=445.1
fwN=2.04
sdE=158.7
fwE=2.07
20190706T141147.0001.fits
SecZ=1.07
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.1 7.4 9.3
ALT/AZ=69.8 -102.9
fwAVG=2.21
sdW=129.5
fwW=2.38
sdS=68.3
fwS=2.36
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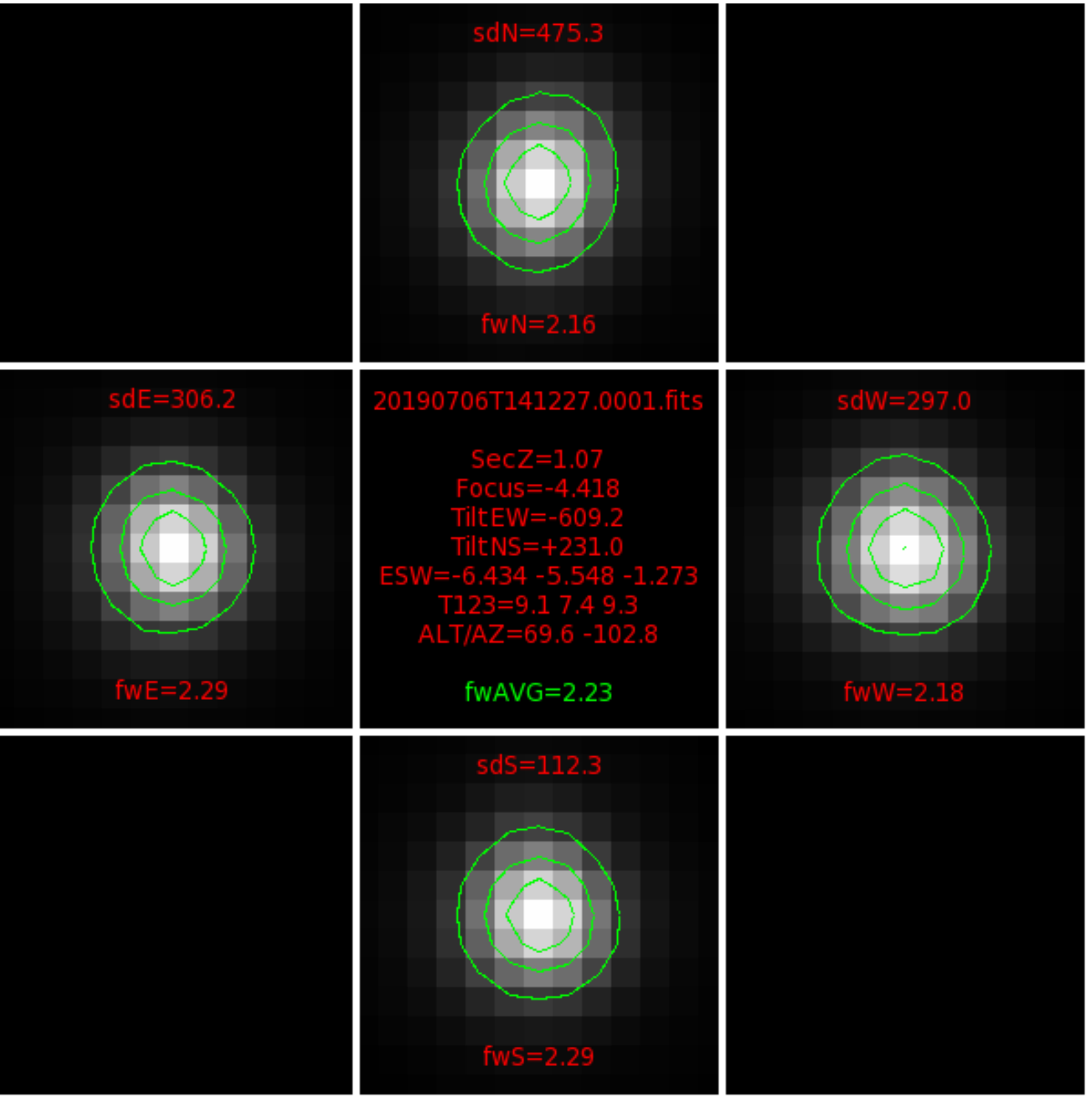
sdN=475.3
fwN=2.16
sdE=306.2
fwE=2.29
20190706T141227.0001.fits
SecZ=1.07
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.1 7.4 9.3
ALT/AZ=69.6 -102.8
fwAVG=2.23
sdW=297.0
fwW=2.18
sdS=112.3
fwS=2.29
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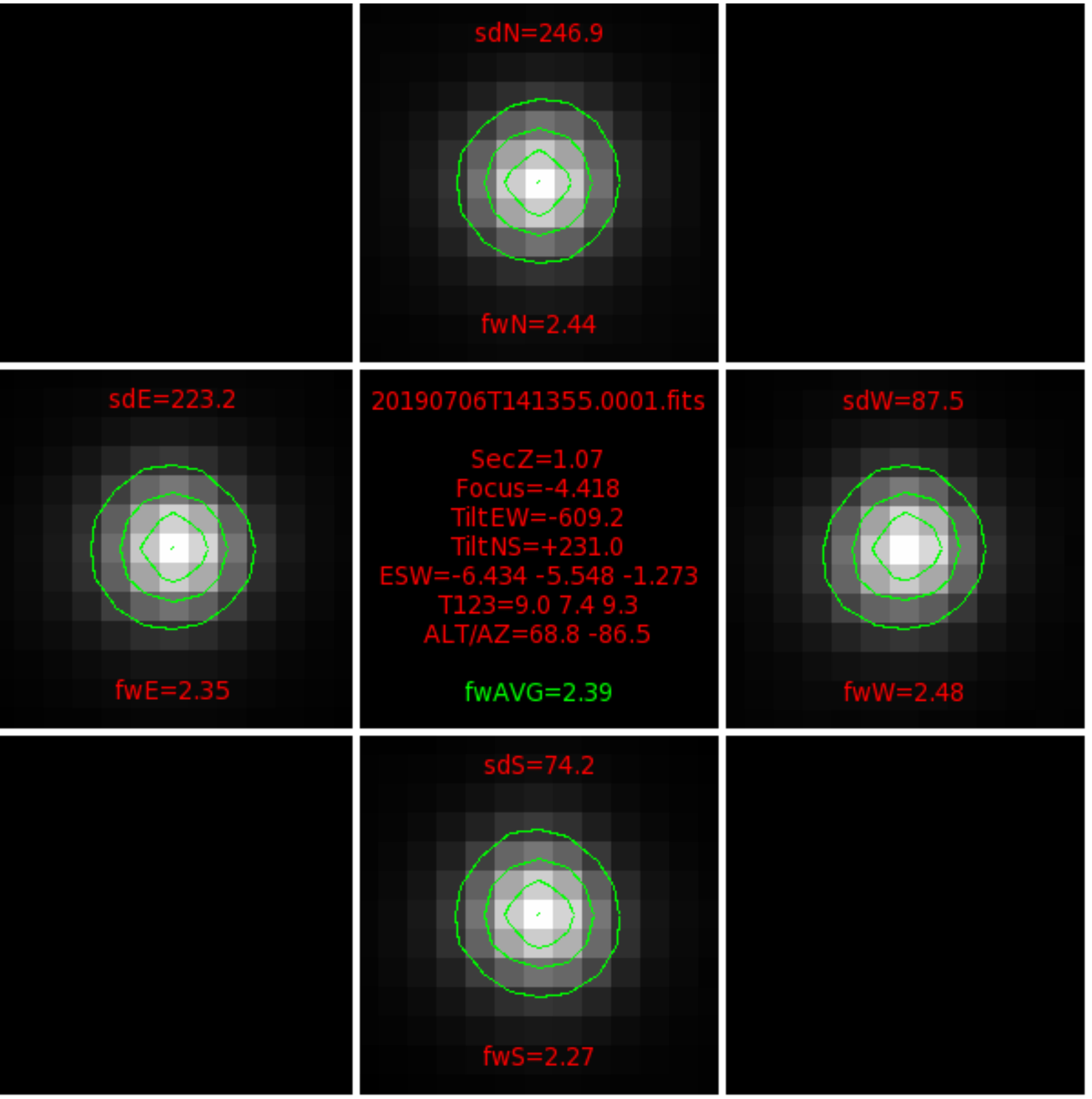
sdN=246.9
fwN=2.44
sdE=223.2
fwE=2.35
20190706T141355.0001.fits
SecZ=1.07
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.4 9.3
ALT/AZ=68.8 -86.5
fwAVG=2.39
sdW=87.5
fwW=2.48
sdS=74.2
fwS=2.27
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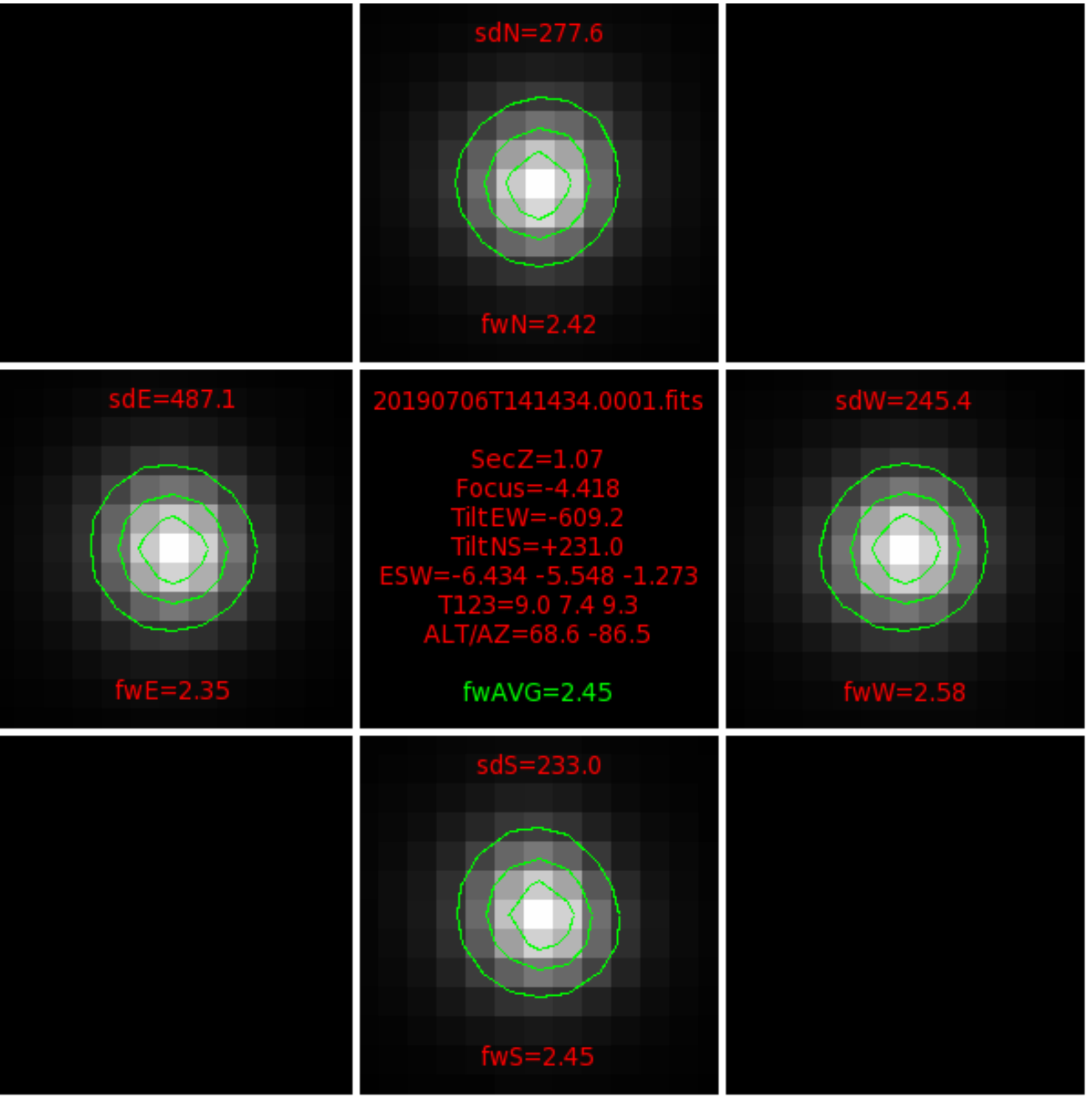
sdN=277.6
fwN=2.42
sdE=487.1
fwE=2.35
20190706T141434.0001.fits
SecZ=1.07
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.4 9.3
ALT/AZ=68.6 -86.5
fwAVG=2.45
sdW=245.4
fwW=2.58
sdS=233.0
fwS=2.45
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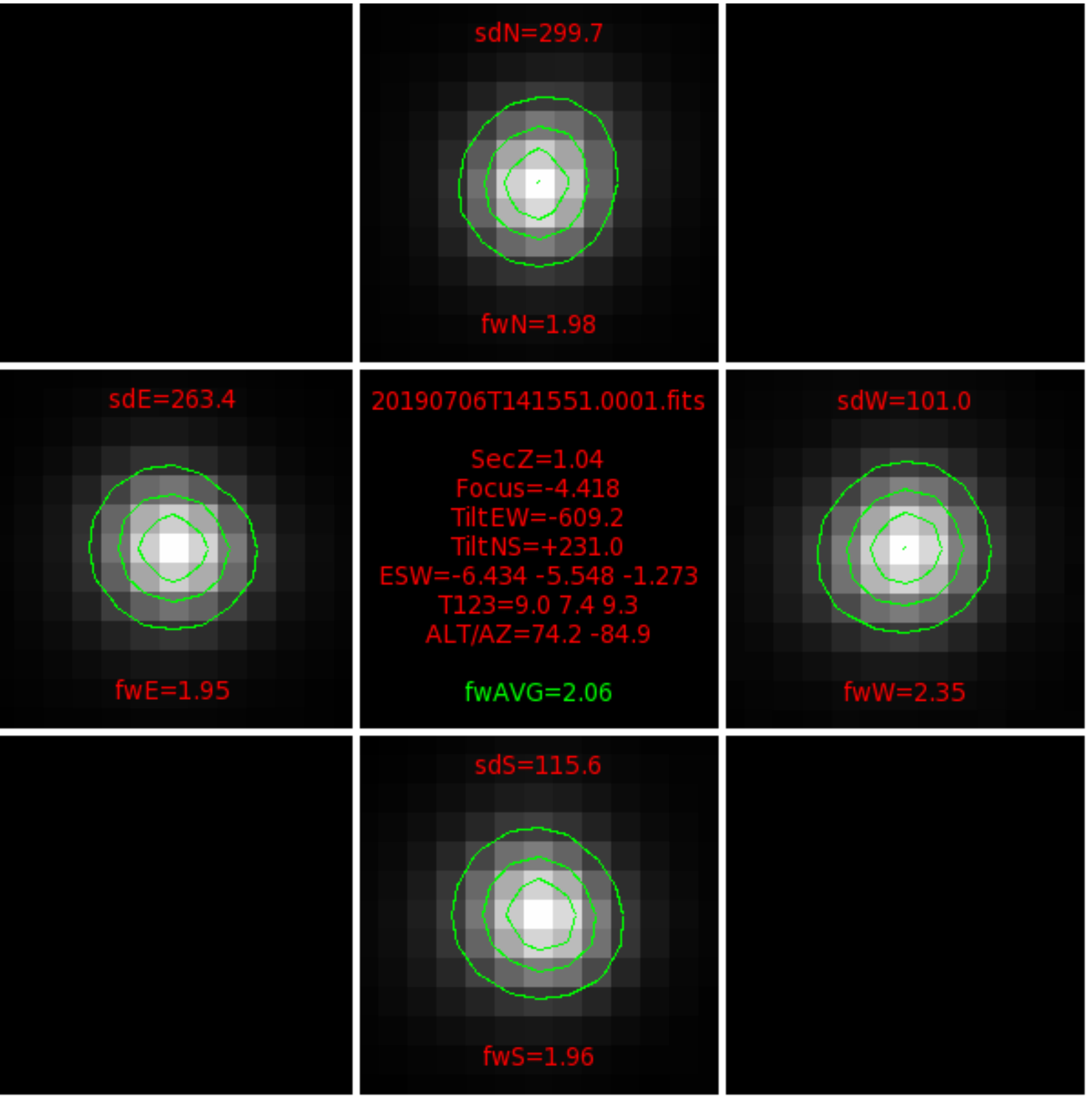
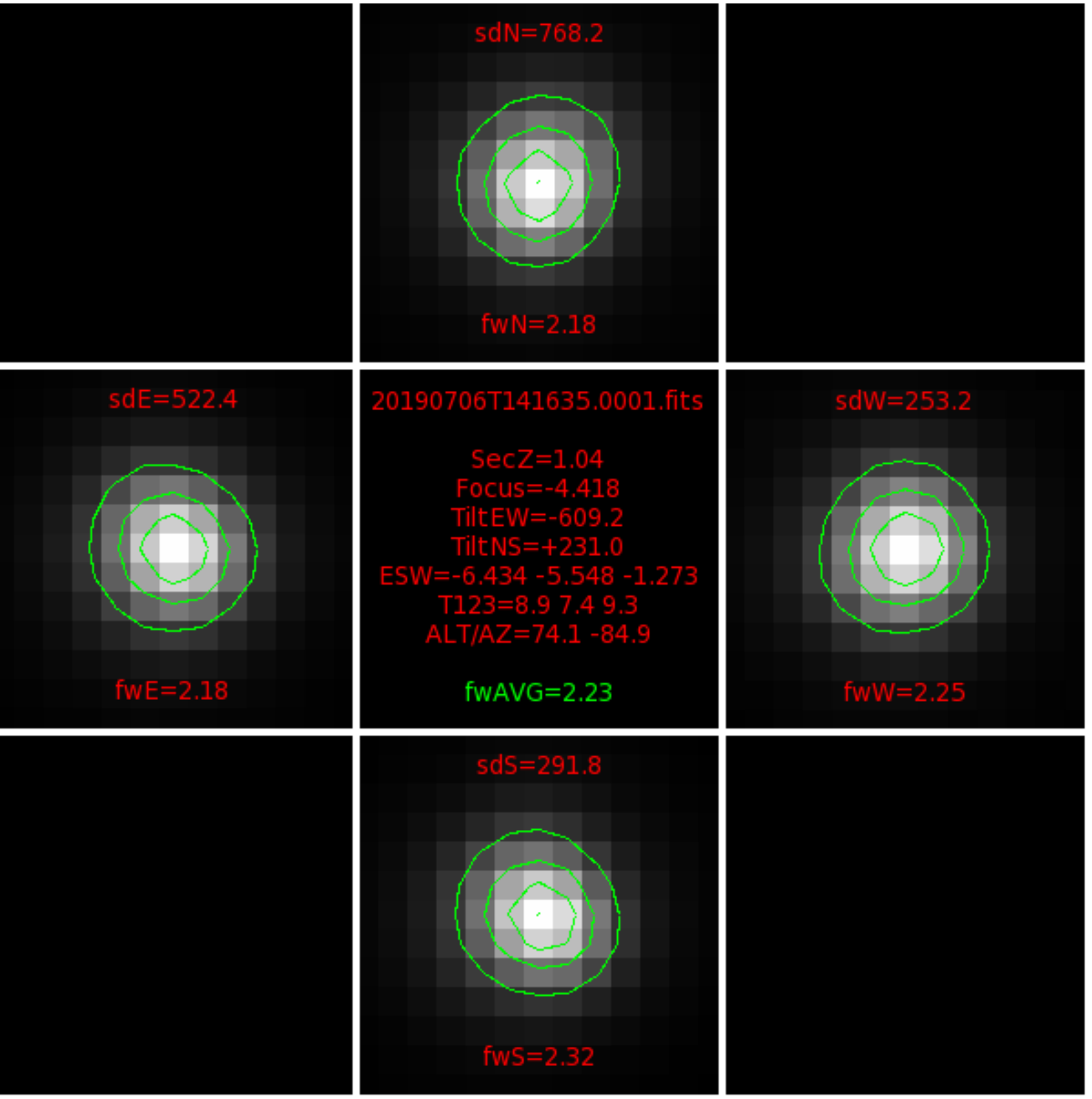

sdN=299.7
fwN=1.98
sdE=263.4
fwE=1.95
20190706T141551.0001.fits
SecZ=1.04
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=9.0 7.4 9.3
ALT/AZ=74.2 -84.9
fwAVG=2.06
sdW=101.0
fwW=2.35
sdS=115.6
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=768.2
fwN=2.18
sdE=522.4
fwE=2.18
20190706T141635.0001.fits
SecZ=1.04
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.4 9.3
ALT/AZ=74.1 -84.9
fwAVG=2.23
sdW=253.2
fwW=2.25
sdS=291.8
fwS=2.32
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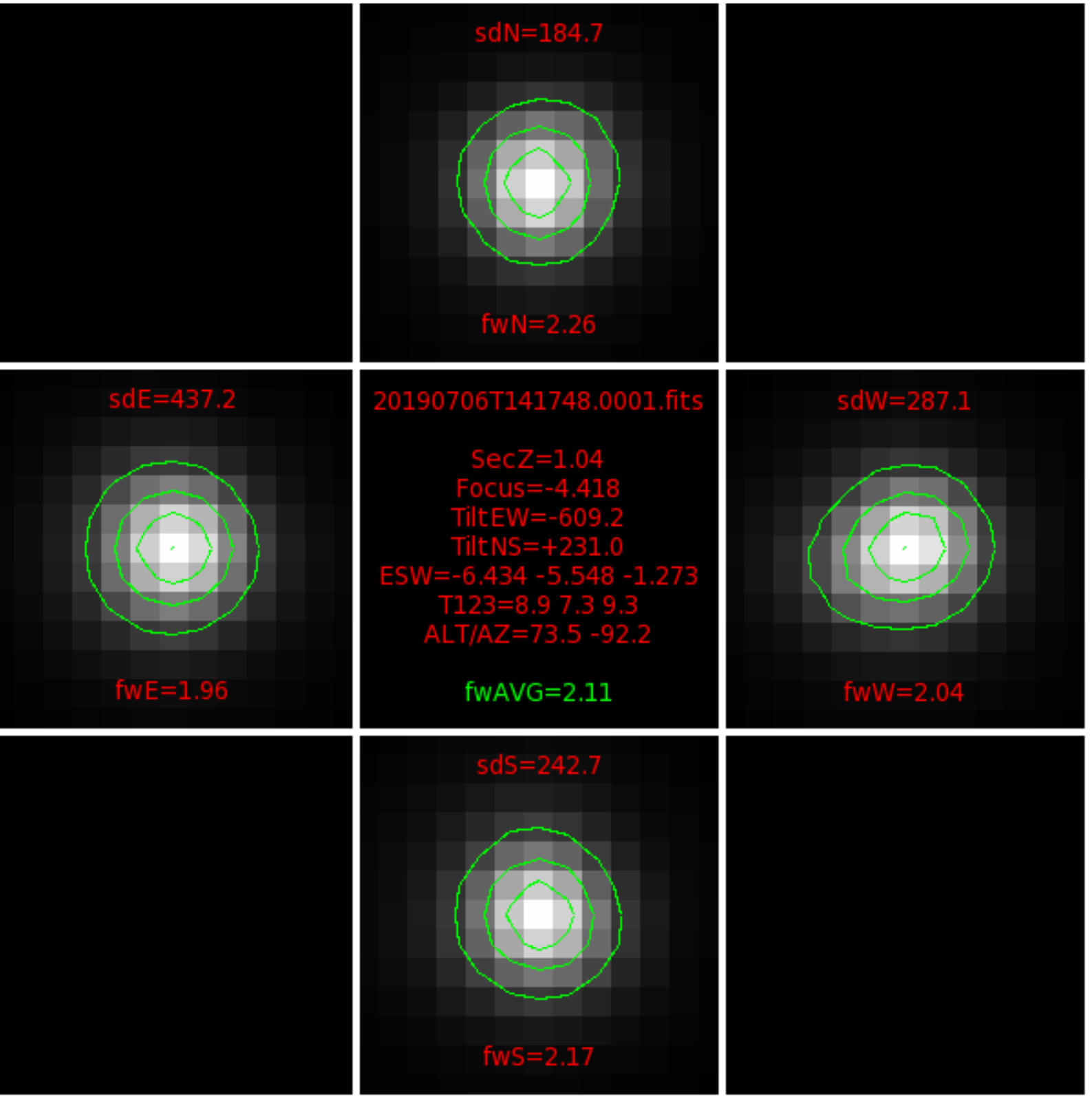
sdN=184.7
fwN=2.26
sdE=437.2
fwE=1.96
20190706T141748.0001.fits
SecZ=1.04
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.3 9.3
ALT/AZ=73.5 -92.2
fwAVG=2.11
sdW=287.1
fwW=2.04
sdS=242.7
fwS=2.17
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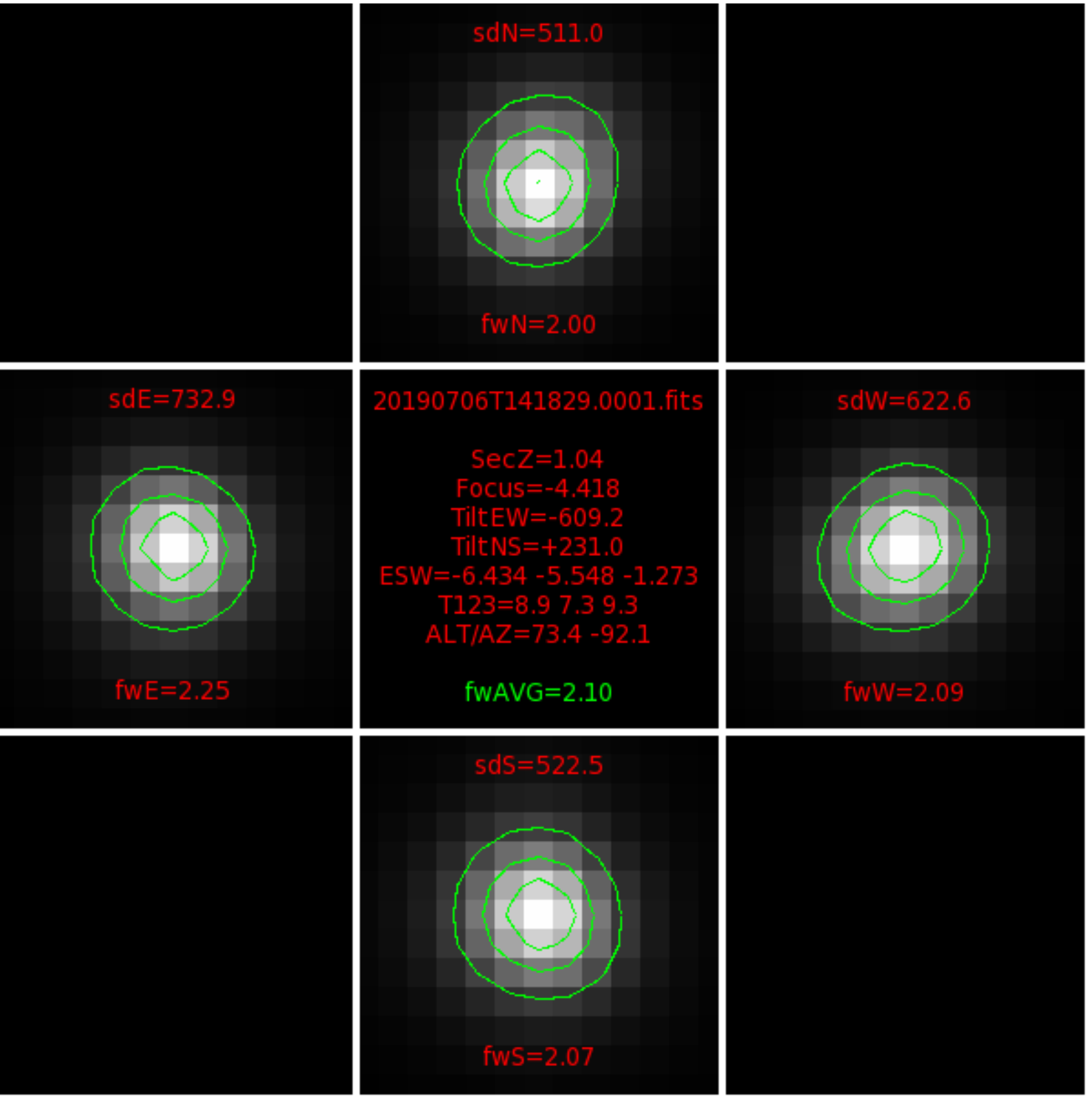
sdN=511.0
fwN=2.00
sdE=732.9
fwE=2.25
20190706T141829.0001.fits
SecZ=1.04
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.9 7.3 9.3
ALT/AZ=73.4 -92.1
fwAVG=2.10
sdW=622.6
fwW=2.09
sdS=522.5
fwS=2.07
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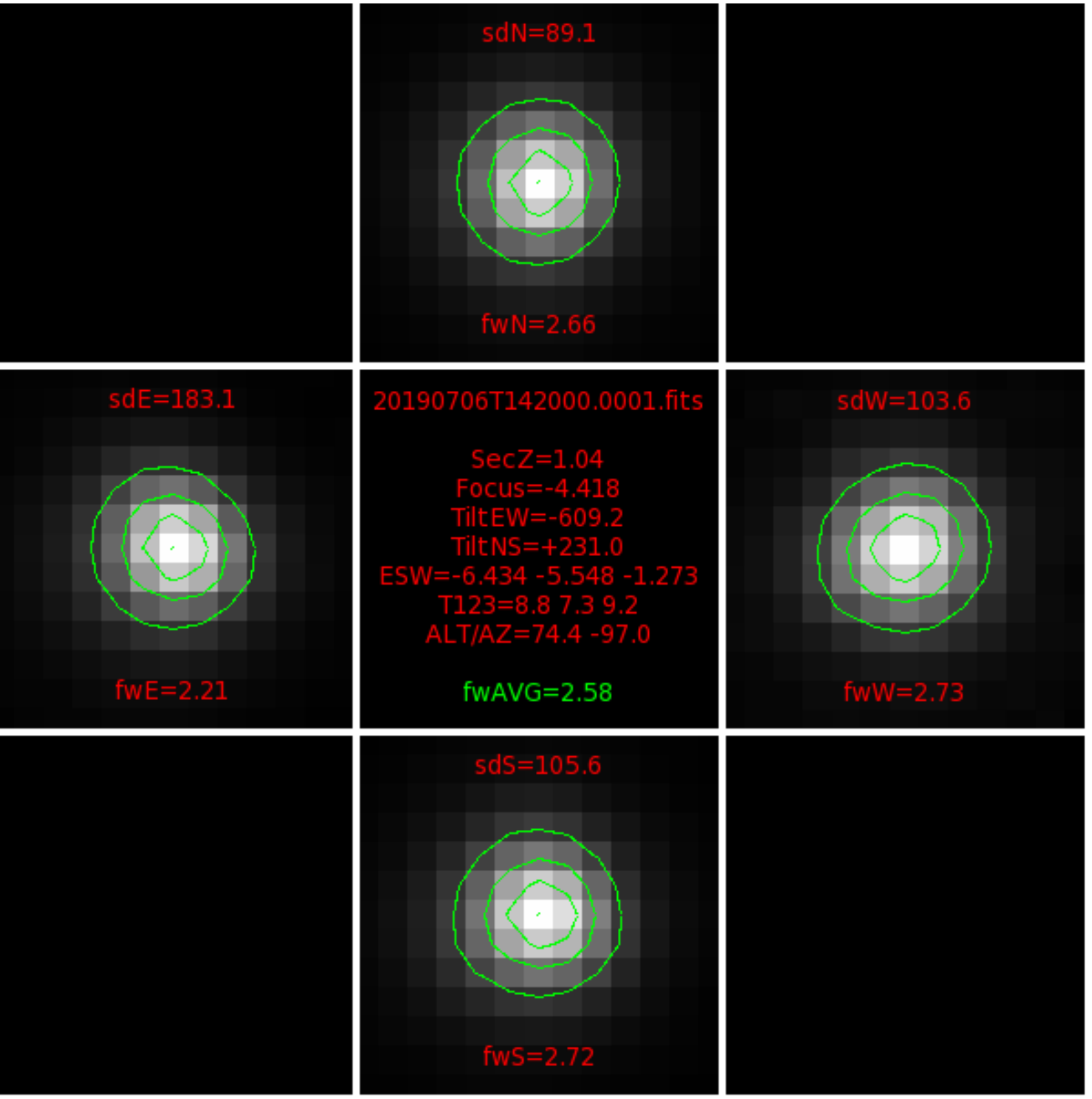
sdN=89.1
fwN=2.66
sdE=183.1
fwE=2.21
20190706T142000.0001.fits
SecZ=1.04
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.3 9.2
ALT/AZ=74.4 -97.0
fwAVG=2.58
sdW=103.6
fwW=2.73
sdS=105.6
fwS=2.72
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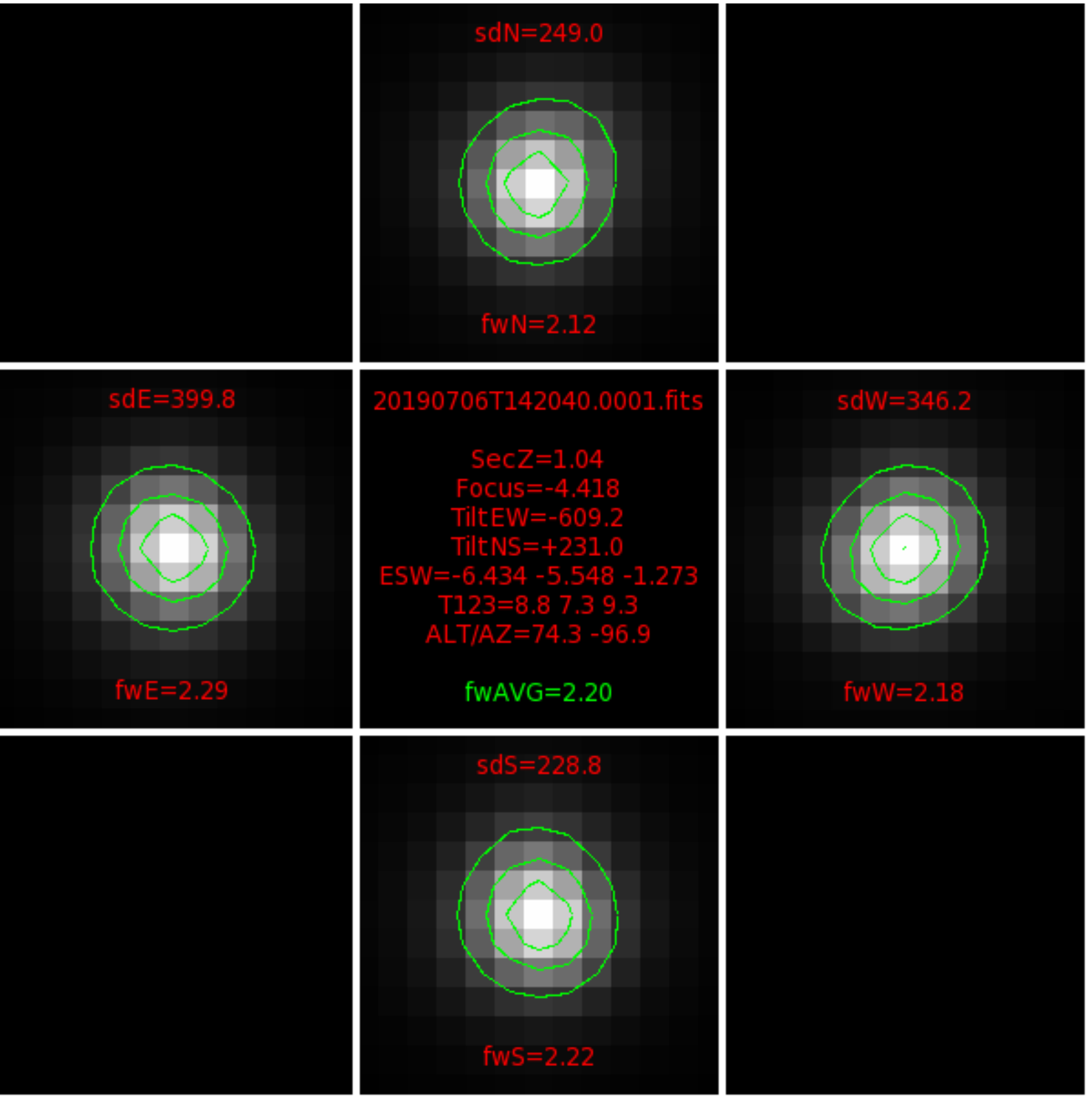
sdN=249.0
fwN=2.12
sdE=399.8
fwE=2.29
20190706T142040.0001.fits
SecZ=1.04
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.3 9.3
ALT/AZ=74.3 -96.9
fwAVG=2.20
sdW=346.2
fwW=2.18
sdS=228.8
fwS=2.22
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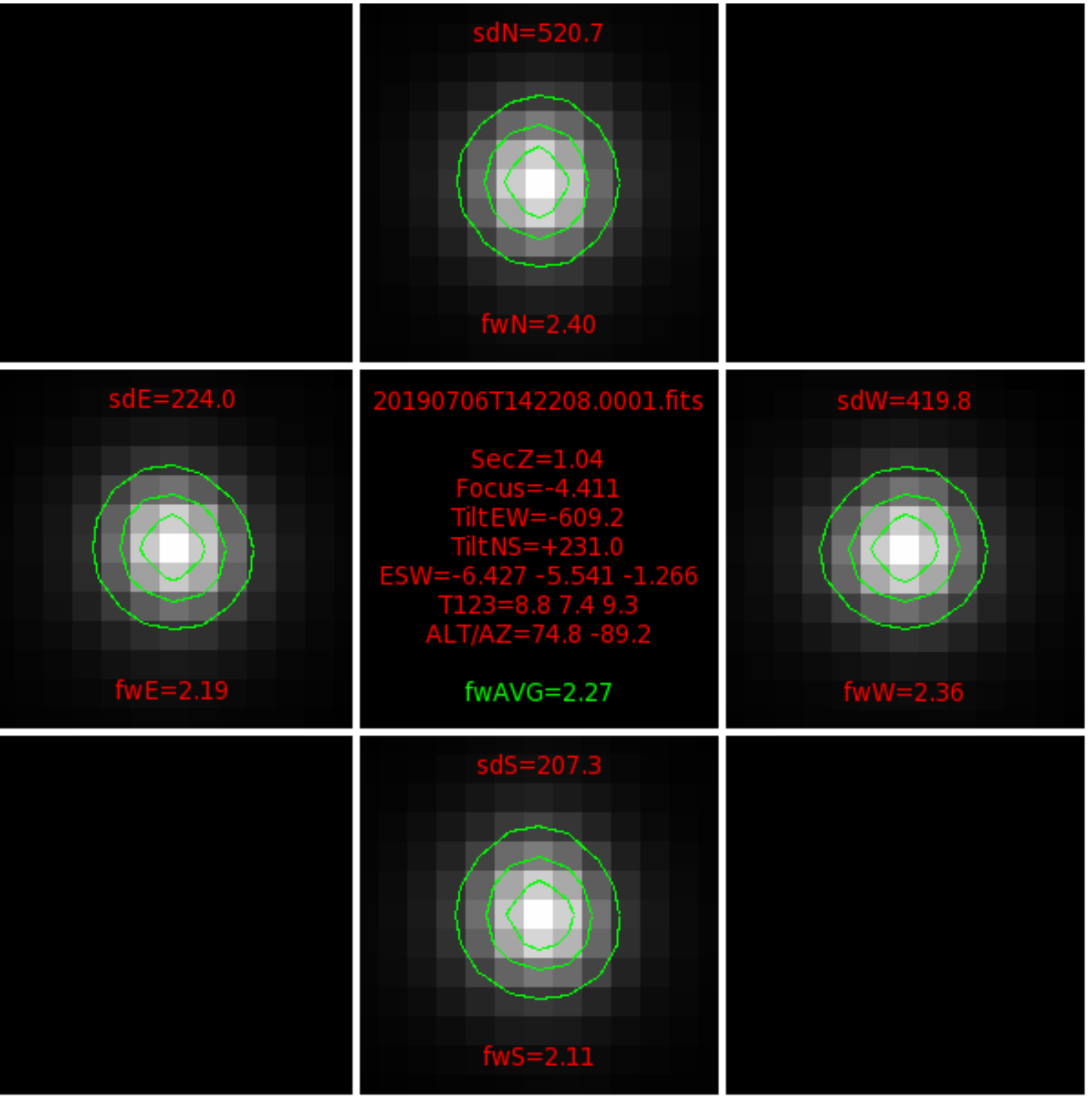
sdN=520.7
fwN=2.40
sdE=224.0
fwE=2.19
20190706T142208.0001.fits
SecZ=1.04
Focus=-4.411
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.427 -5.541 -1.266
T123=8.8 7.4 9.3
ALT/AZ=74.8 -89.2
fwAVG=2.27
sdW=419.8
fwW=2.36
sdS=207.3
fwS=2.11
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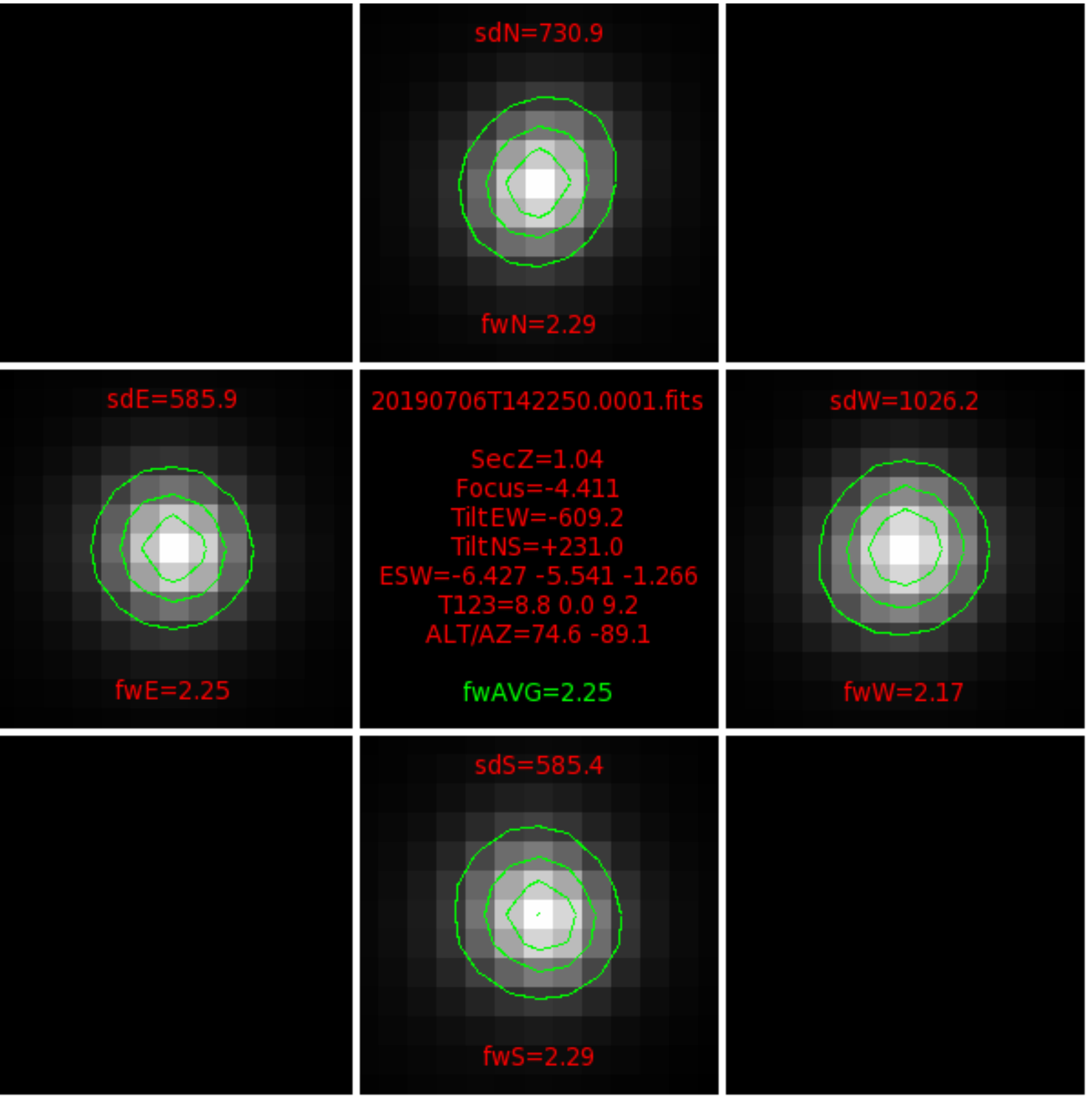
sdN=730.9
fwN=2.29
sdE=585.9
fwE=2.25
20190706T142250.0001.fits
SecZ=1.04
Focus=-4.411
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.427 -5.541 -1.266
T123=8.8 0.0 9.2
ALT/AZ=74.6 -89.1
fwAVG=2.25
sdW=1026.2
fwW=2.17
sdS=585.4
fwS=2.29
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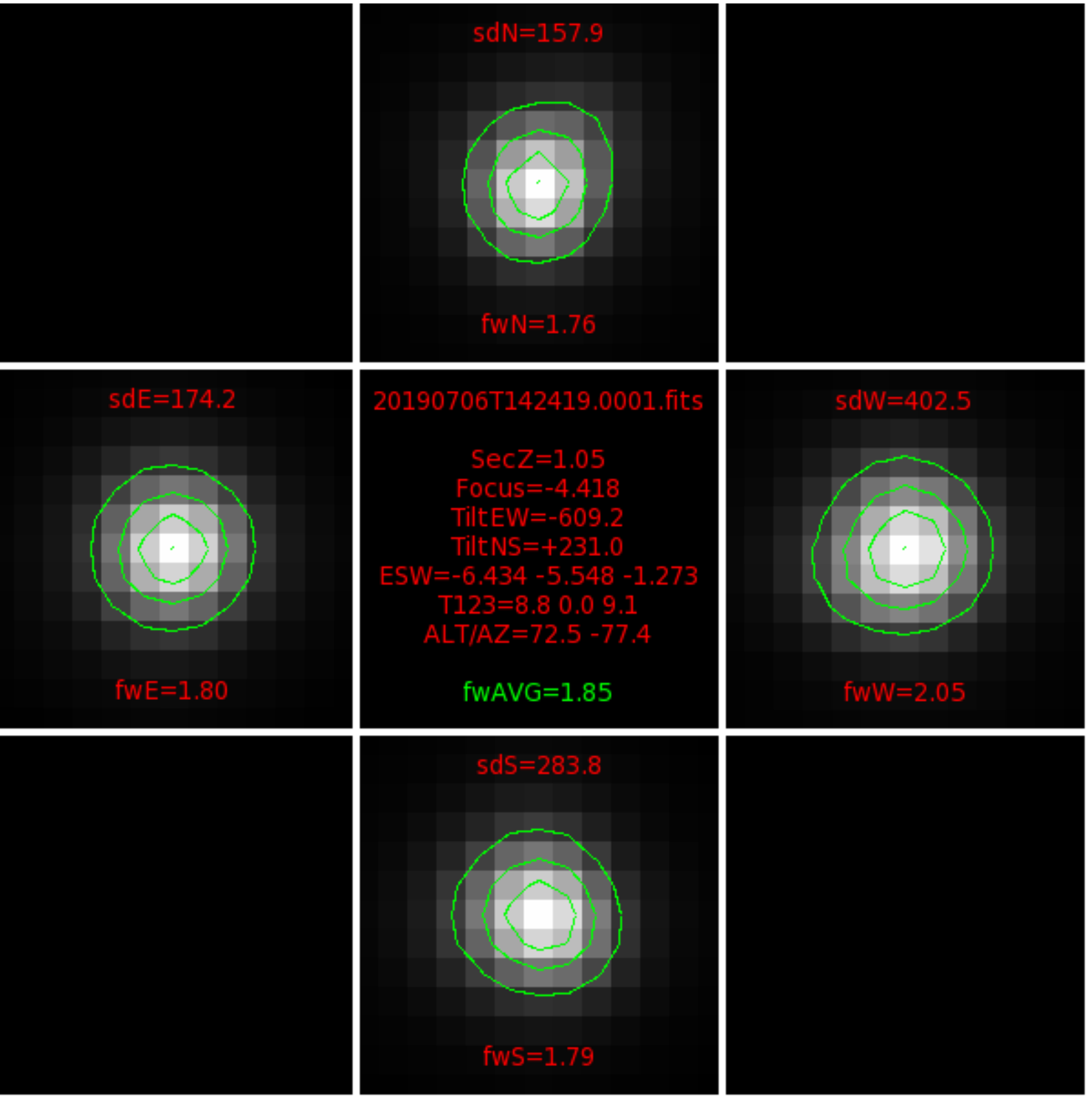
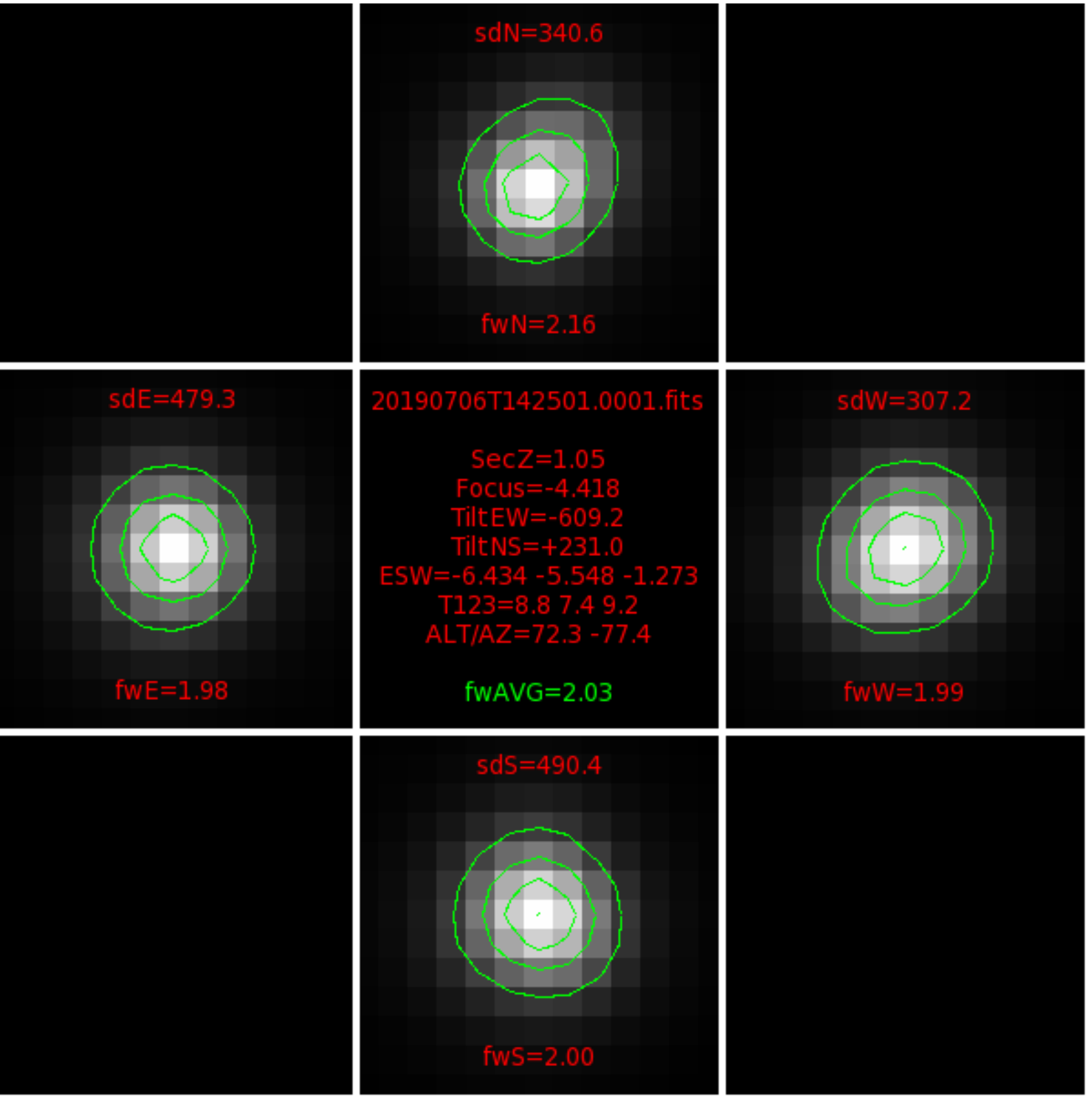

sdN=157.9
fwN=1.76
sdE=174.2
fwE=1.80
20190706T142419.0001.fits
SecZ=1.05
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 0.0 9.1
ALT/AZ=72.5 -77.4
fwAVG=1.85
sdW=402.5
fwW=2.05
sdS=283.8
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=340.6
fwN=2.16
sdE=479.3
fwE=1.98
20190706T142501.0001.fits
SecZ=1.05
Focus=-4.418
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.434 -5.548 -1.273
T123=8.8 7.4 9.2
ALT/AZ=72.3 -77.4
fwAVG=2.03
sdW=307.2
fwW=1.99
sdS=490.4
fwS=2.00
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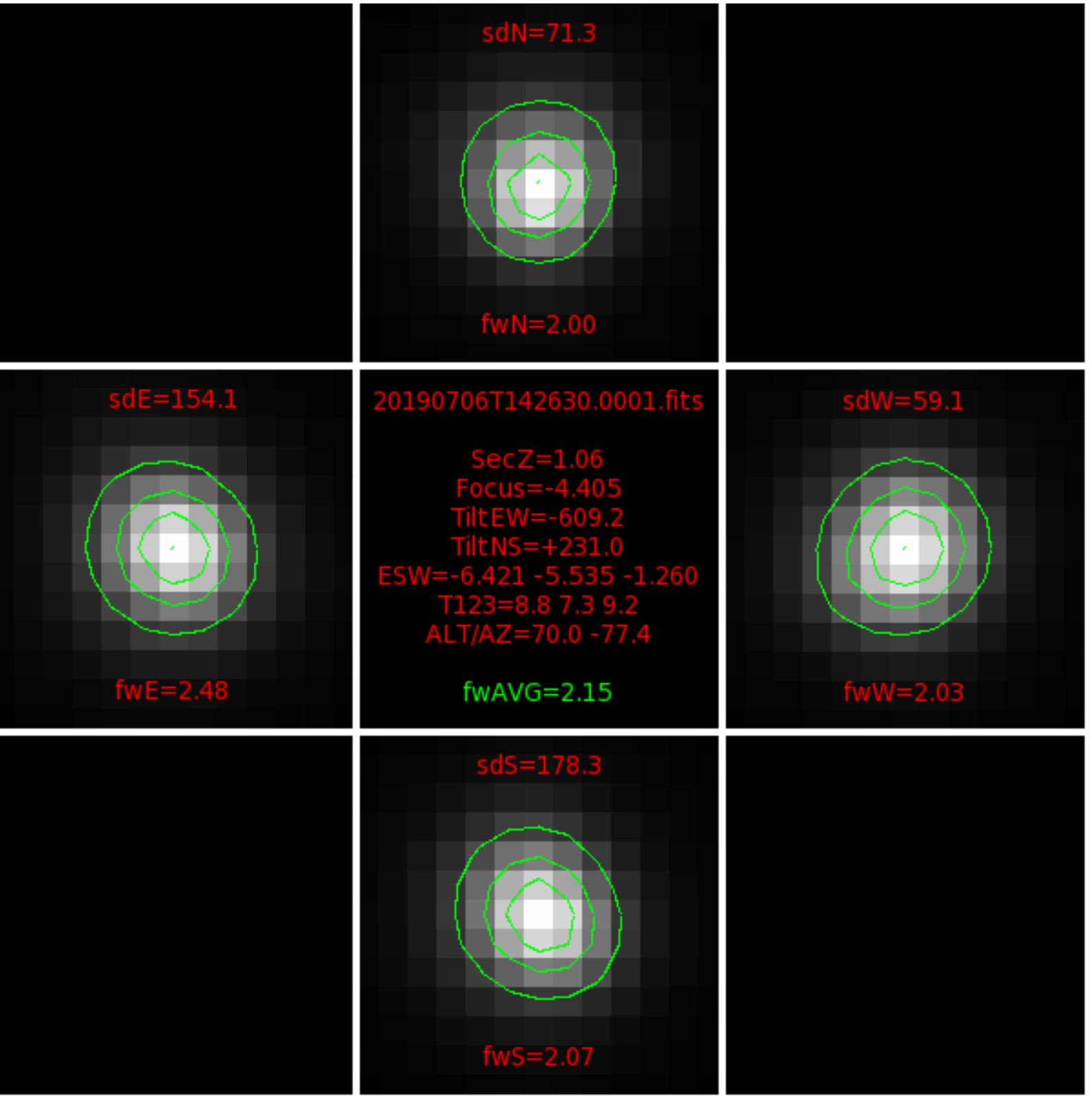
sdN=71.3
fwN=2.00
sdE=154.1
fwE=2.48
20190706T142630.0001.fits
SecZ=1.06
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.8 7.3 9.2
ALT/AZ=70.0 -77.4
fwAVG=2.15
sdW=59.1
fwW=2.03
sdS=178.3
fwS=2.07
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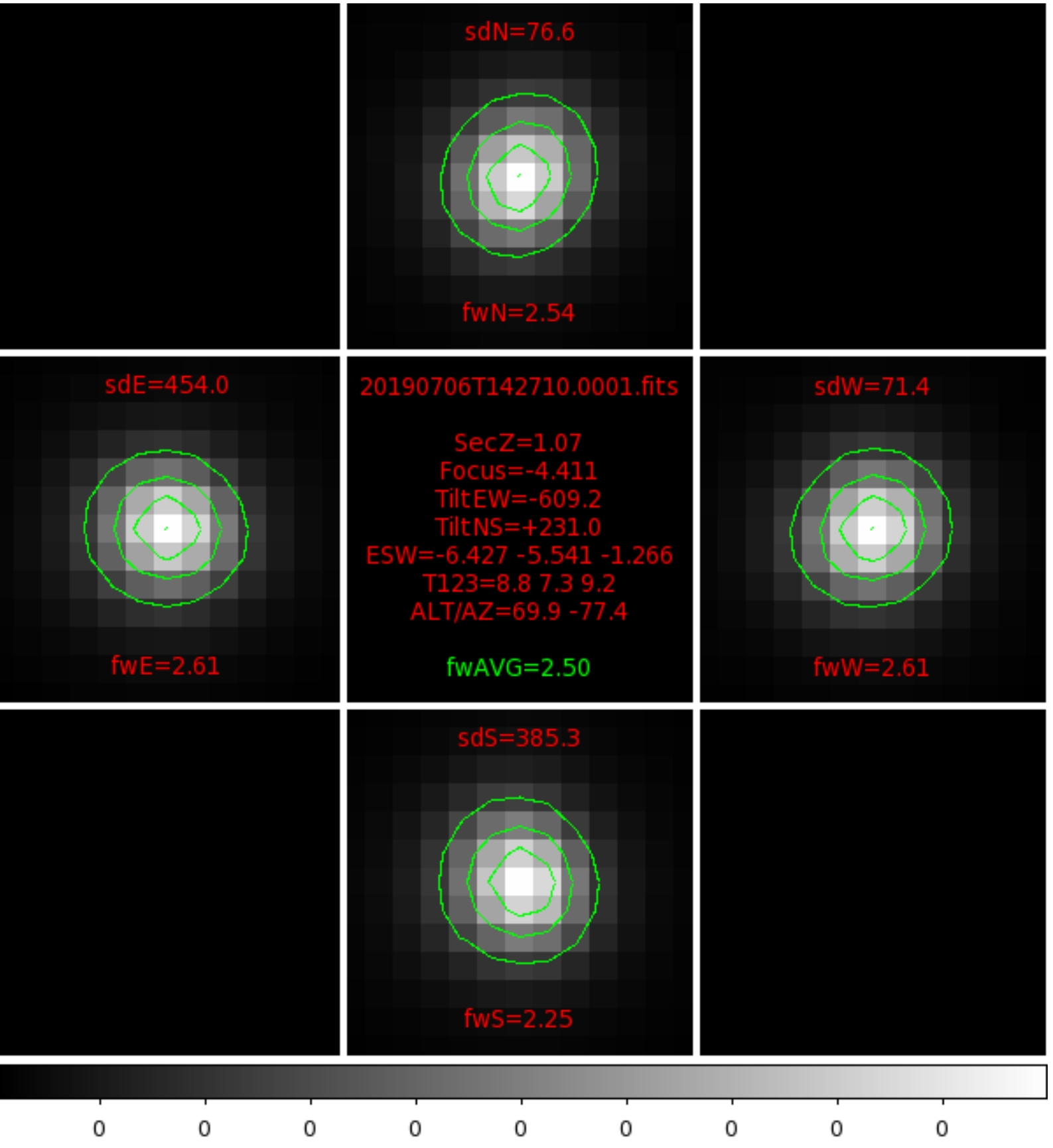
sdN=76.6
fwN=2.54
sdE=454.0
fwE=2.61
20190706T142710.0001.fits
SecZ=1.07
Focus=-4.411
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.427 -5.541 -1.266
T123=8.8 7.3 9.2
ALT/AZ=69.9 -77.4
fwAVG=2.50
sdW=71.4
fwW=2.61
sdS=385.3
fwS=2.25
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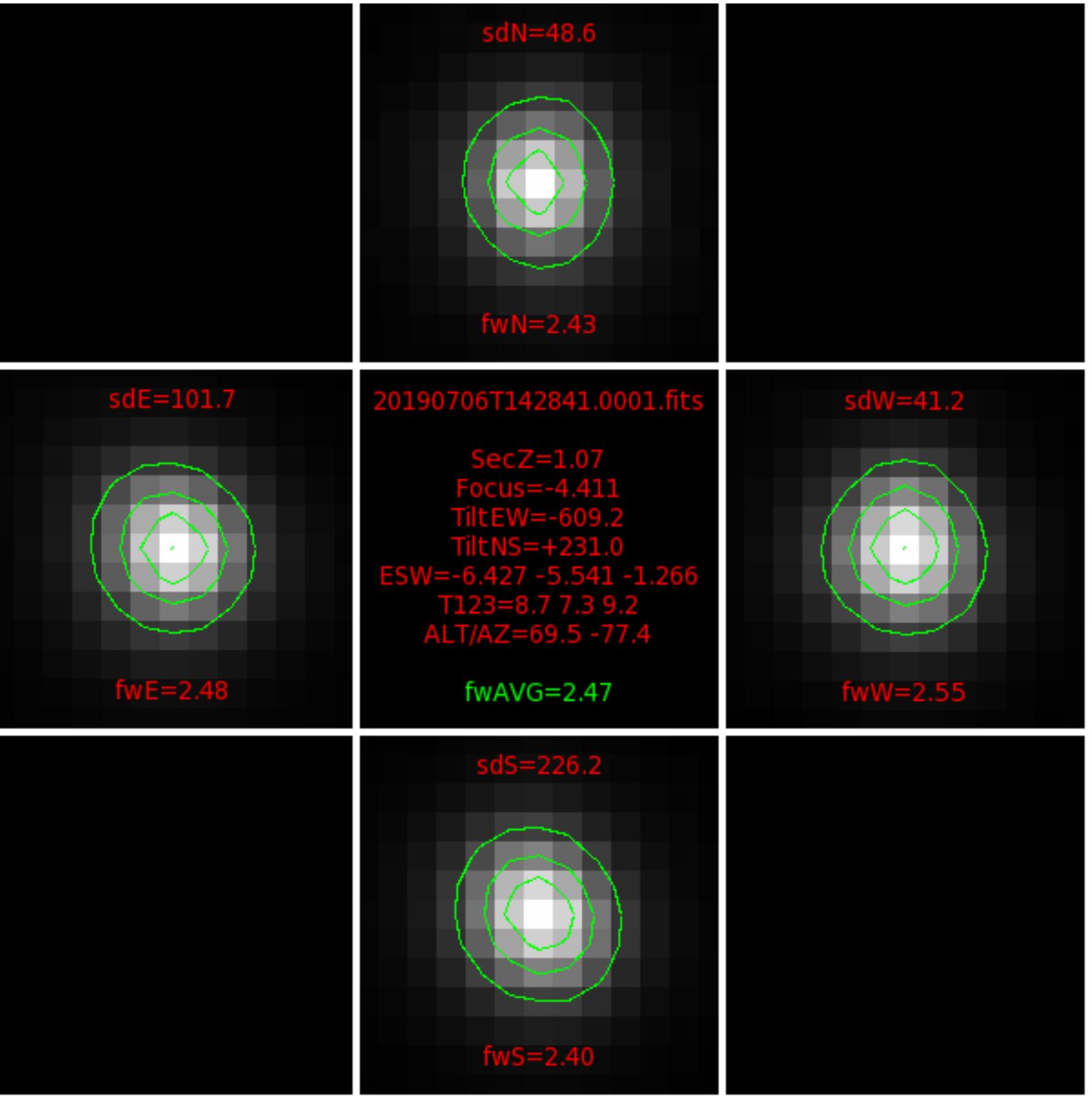
sdN=48.6
fwN=2.43
sdE=101.7
fwE=2.48
20190706T142841.0001.fits
SecZ=1.07
Focus=-4.411
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.427 -5.541 -1.266
T123=8.7 7.3 9.2
ALT/AZ=69.5 -77.4
fwAVG=2.47
sdW=41.2
fwW=2.55
sdS=226.2
fwS=2.40
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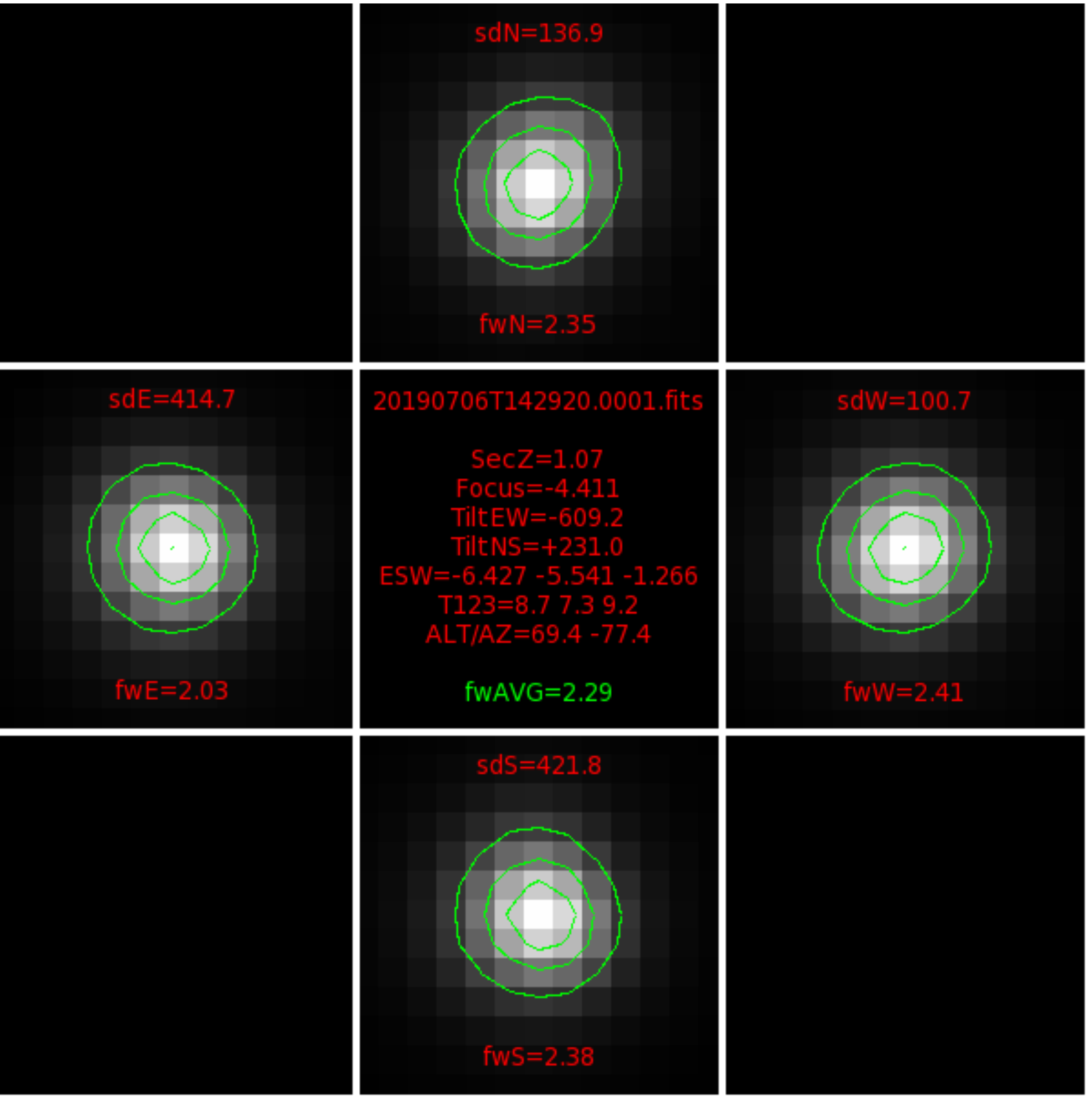
sdN=136.9
fwN=2.35
sdE=414.7
fwE=2.03
20190706T142920.0001.fits
SecZ=1.07
Focus=-4.411
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.427 -5.541 -1.266
T123=8.7 7.3 9.2
ALT/AZ=69.4 -77.4
fwAVG=2.29
sdW=100.7
fwW=2.41
sdS=421.8
fwS=2.38
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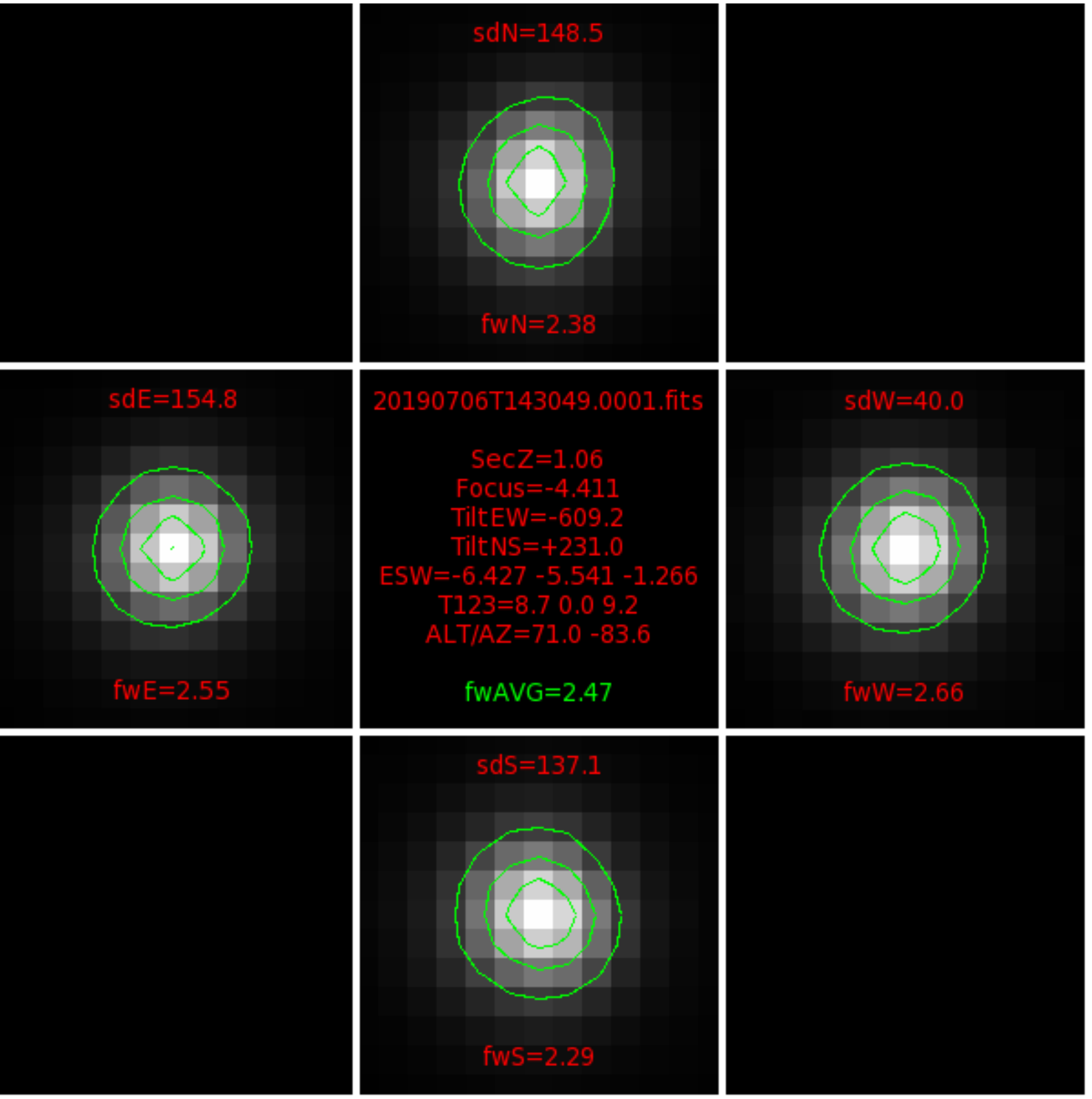
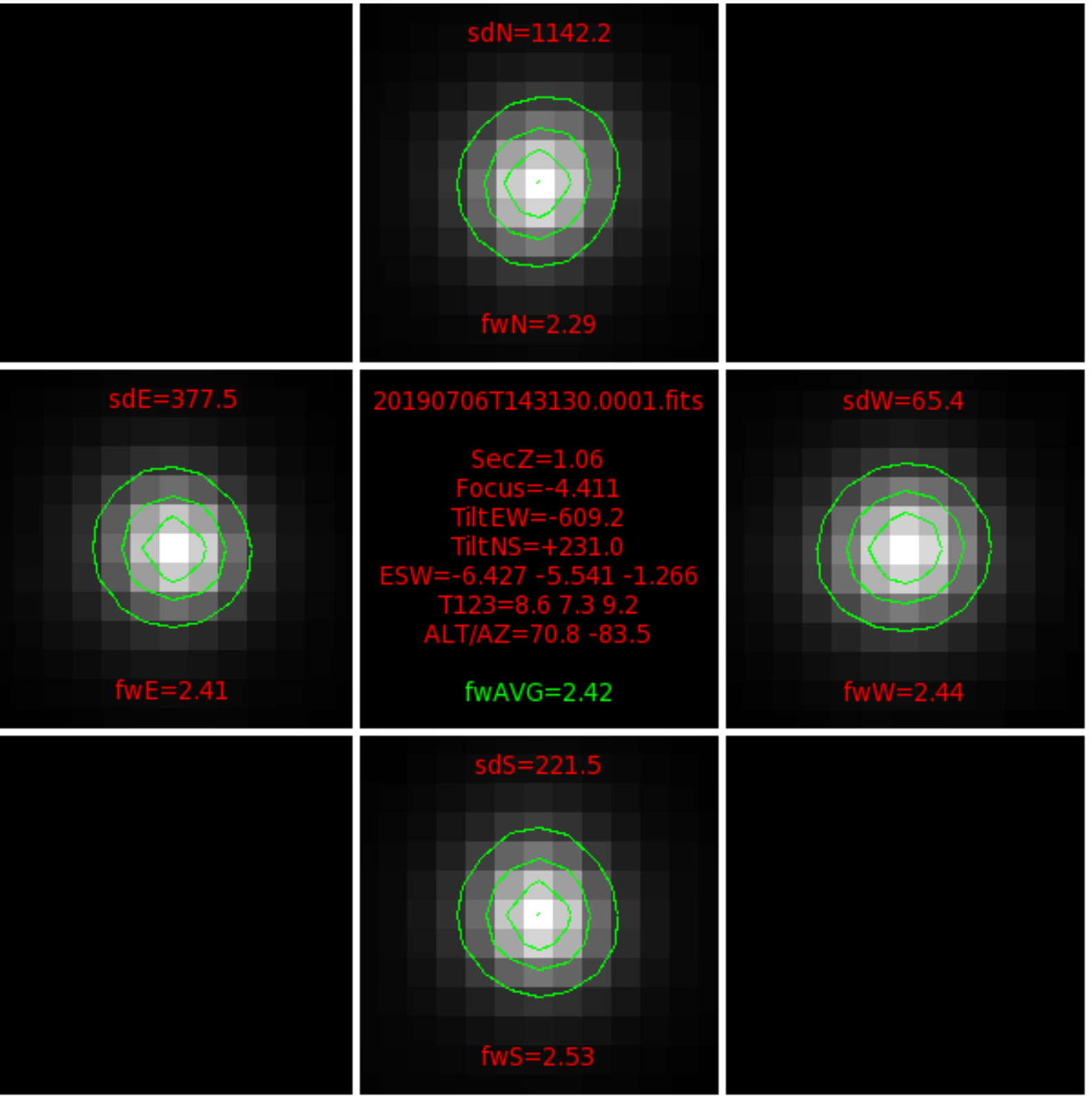

sdN=148.5
fwN=2.38
sdE=154.8
fwE=2.55
20190706T143049.0001.fits
SecZ=1.06
Focus=-4.411
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.427 -5.541 -1.266
T123=8.7 0.0 9.2
ALT/AZ=71.0 -83.6
fwAVG=2.47
sdW=40.0
fwW=2.66
sdS=137.1
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=1142.2
fwN=2.29
sdE=377.5
fwE=2.41
20190706T143130.0001.fits
SecZ=1.06
Focus=-4.411
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.427 -5.541 -1.266
T123=8.6 7.3 9.2
ALT/AZ=70.8 -83.5
fwAVG=2.42
sdW=65.4
fwW=2.44
sdS=221.5
fwS=2.53
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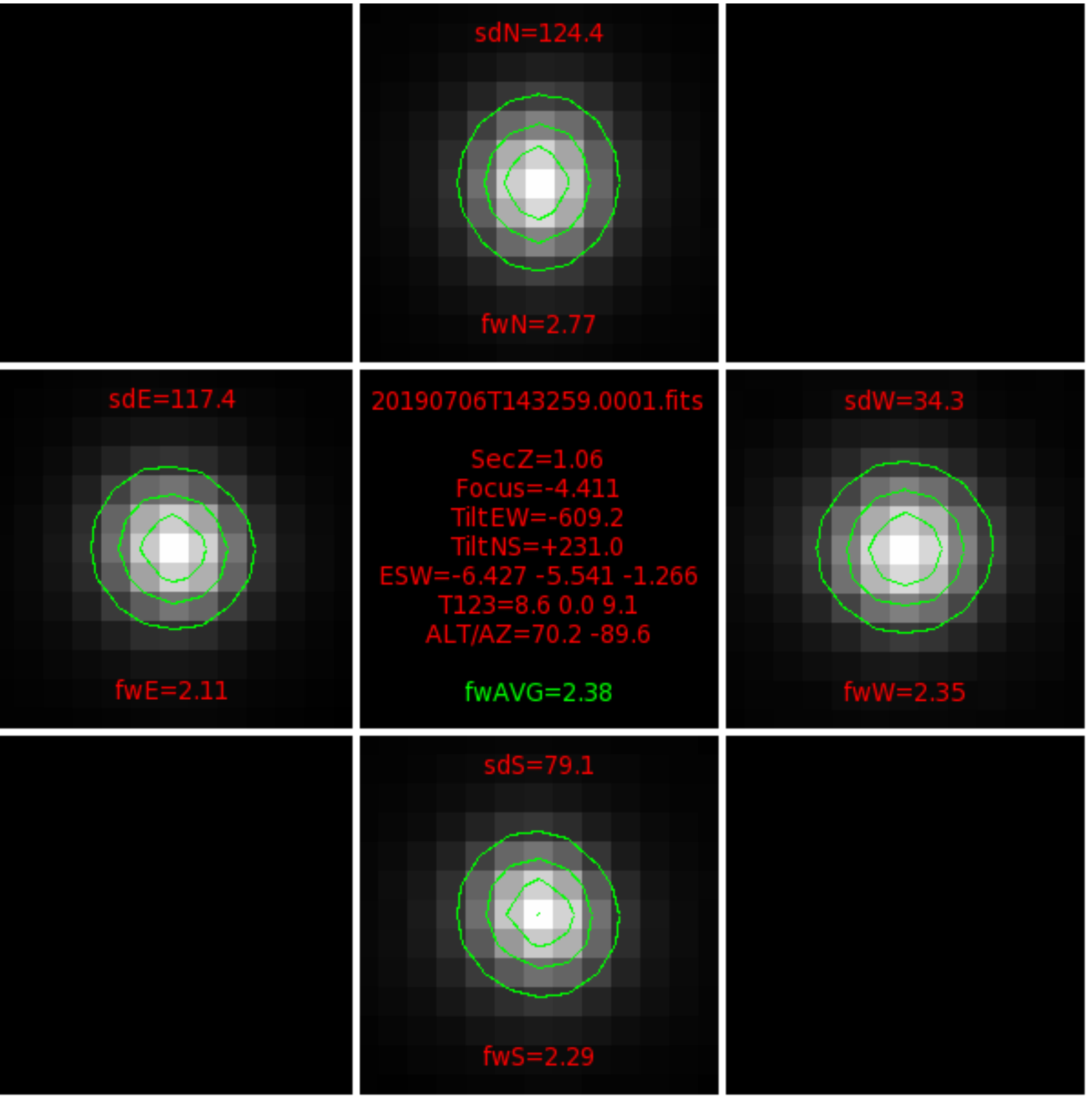
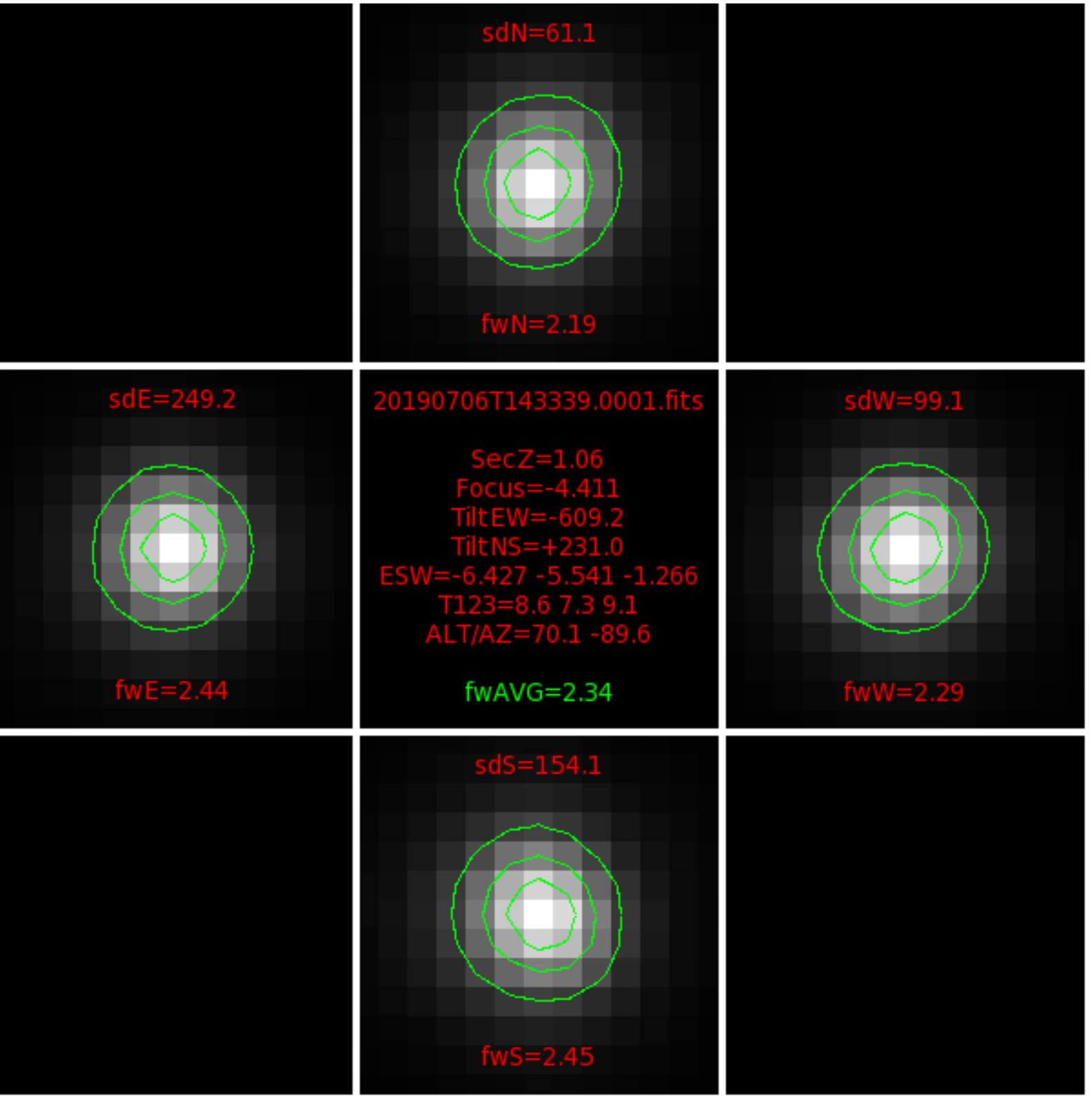

sdN=124.4
fwN=2.77
sdE=117.4
fwE=2.11
20190706T143259.0001.fits
SecZ=1.06
Focus=-4.411
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.427 -5.541 -1.266
T123=8.6 0.0 9.1
ALT/AZ=70.2 -89.6
fwAVG=2.38
sdW=34.3
fwW=2.35
sdS=79.1
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=61.1
fwN=2.19
sdE=249.2
fwE=2.44
20190706T143339.0001.fits
SecZ=1.06
Focus=-4.411
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.427 -5.541 -1.266
T123=8.6 7.3 9.1
ALT/AZ=70.1 -89.6
fwAVG=2.34
sdW=99.1
fwW=2.29
sdS=154.1
fwS=2.45
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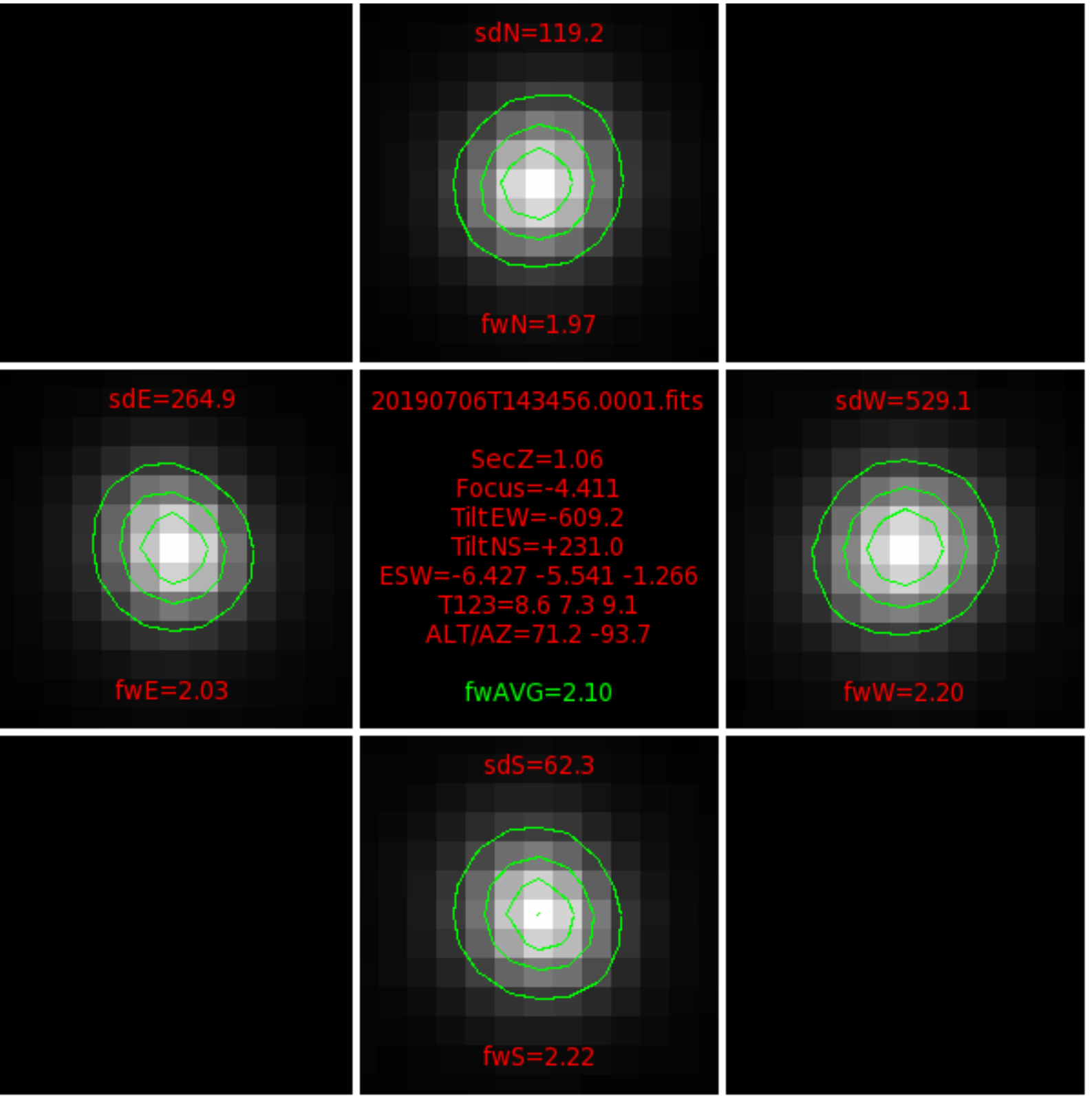
sdN=119.2
fwN=1.97
sdE=264.9
fwE=2.03
20190706T143456.0001.fits
SecZ=1.06
Focus=-4.411
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.427 -5.541 -1.266
T123=8.6 7.3 9.1
ALT/AZ=71.2 -93.7
fwAVG=2.10
sdW=529.1
fwW=2.20
sdS=62.3
fwS=2.22
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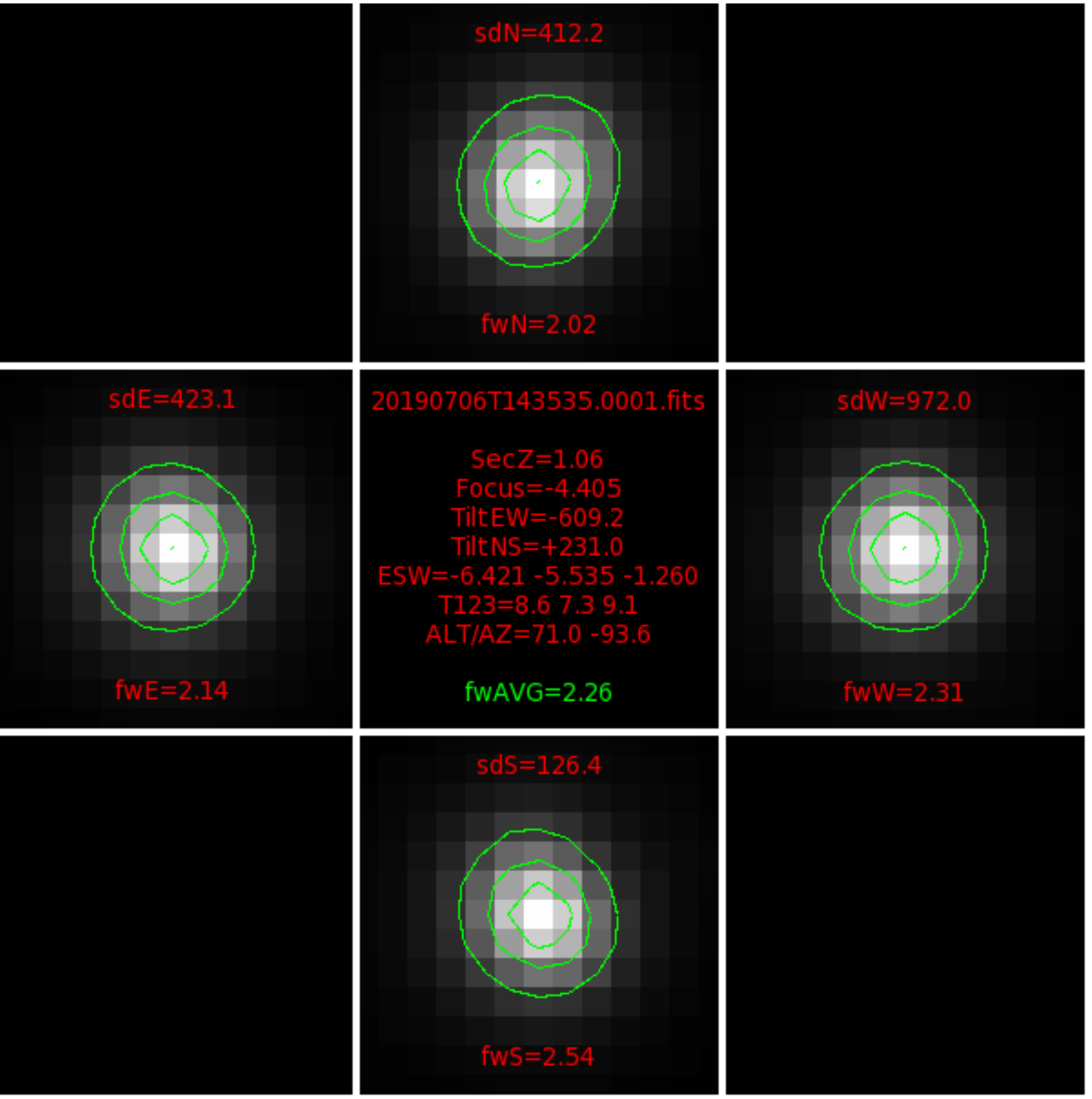
sdN=412.2
fwN=2.02
sdE=423.1
fwE=2.14
20190706T143535.0001.fits
SecZ=1.06
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.6 7.3 9.1
ALT/AZ=71.0 -93.6
fwAVG=2.26
sdW=972.0
fwW=2.31
sdS=126.4
fwS=2.54
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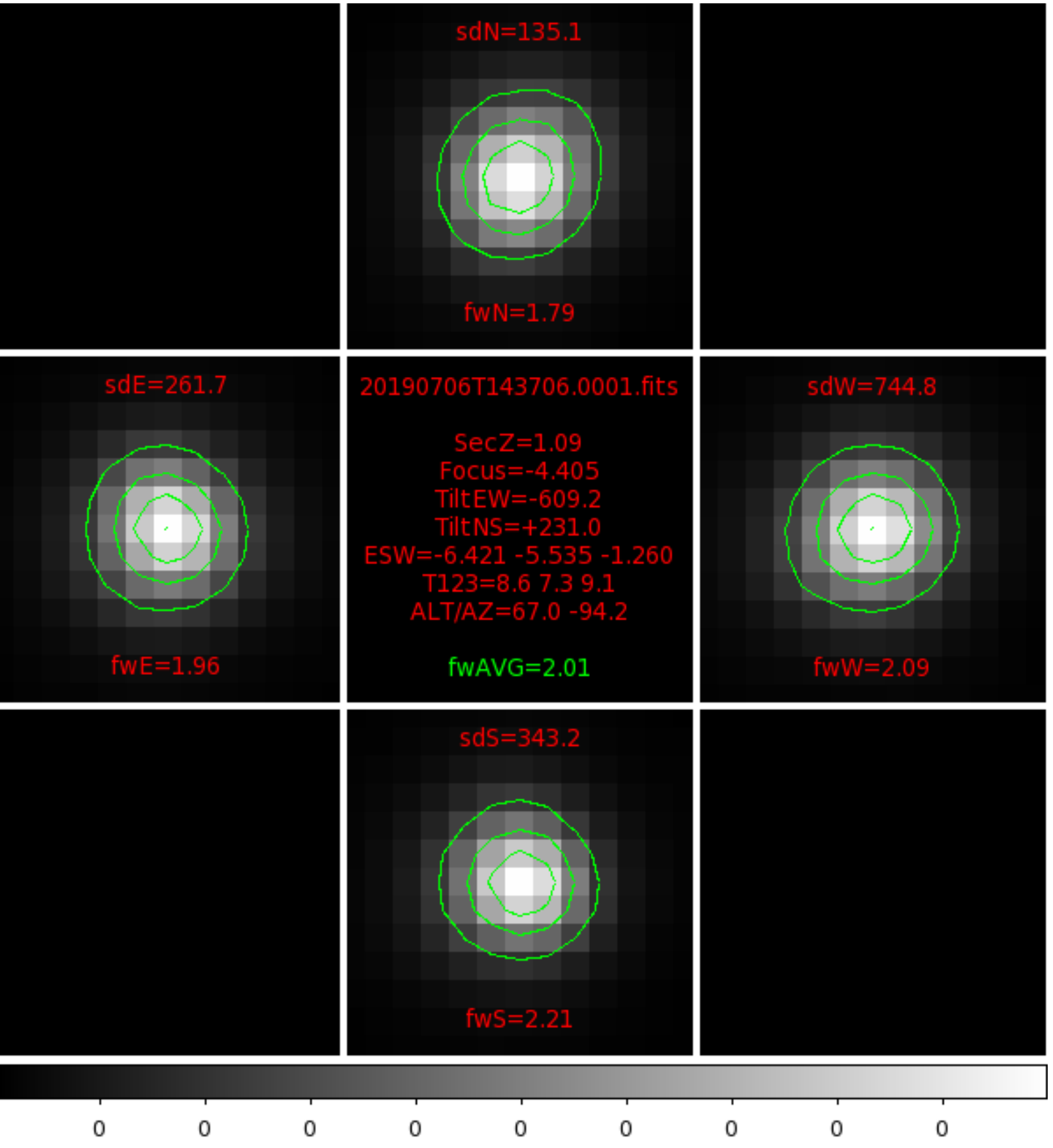
sdN=135.1
fwN=1.79
sdE=261.7
fwE=1.96
20190706T143706.0001.fits
SecZ=1.09
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.6 7.3 9.1
ALT/AZ=67.0 -94.2
fwAVG=2.01
sdW=744.8
fwW=2.09
sdS=343.2
fwS=2.21
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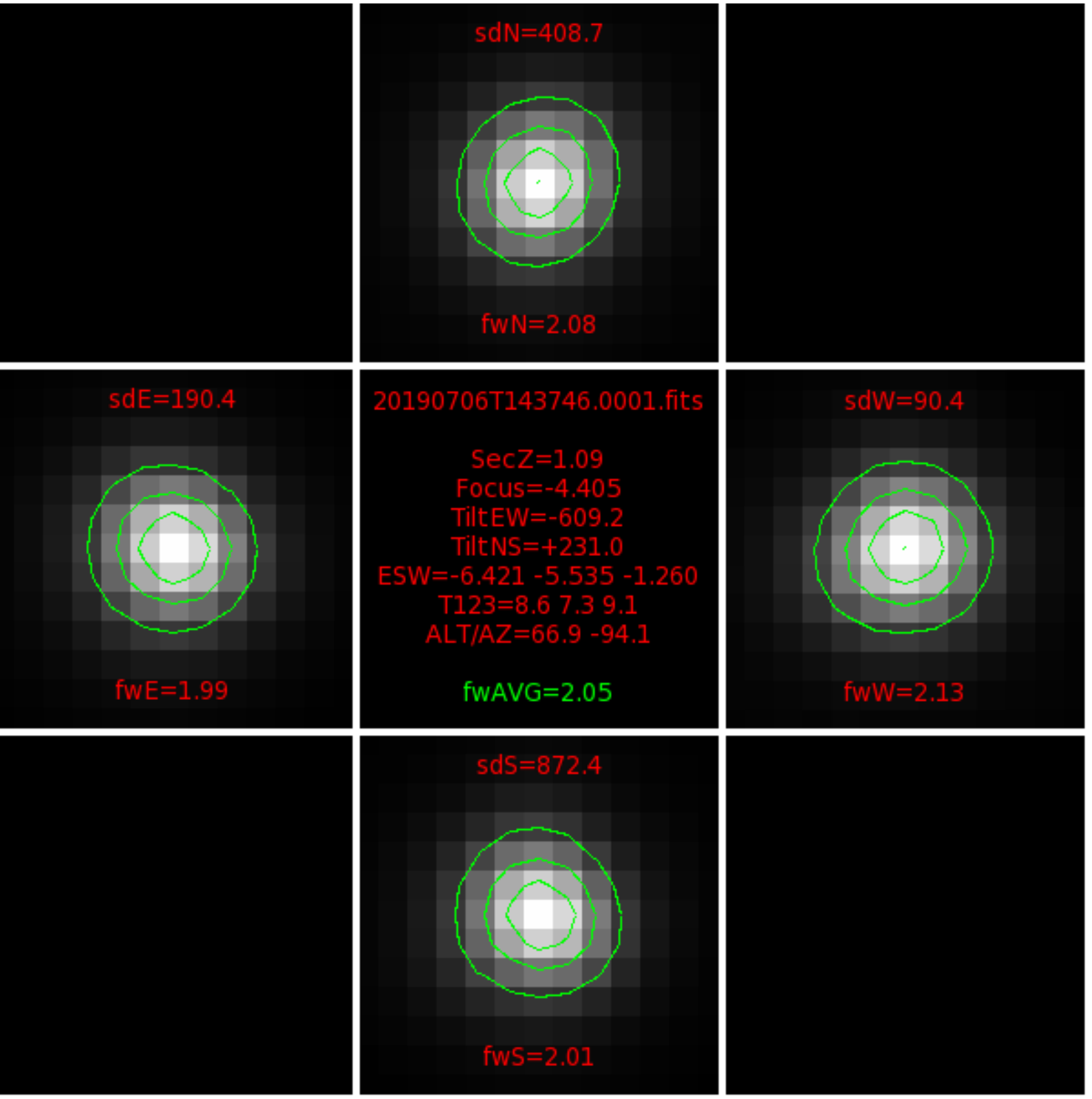
sdN=408.7
fwN=2.08
sdE=190.4
fwE=1.99
20190706T143746.0001.fits
SecZ=1.09
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.6 7.3 9.1
ALT/AZ=66.9 -94.1
fwAVG=2.05
sdW=90.4
fwW=2.13
sdS=872.4
fwS=2.01
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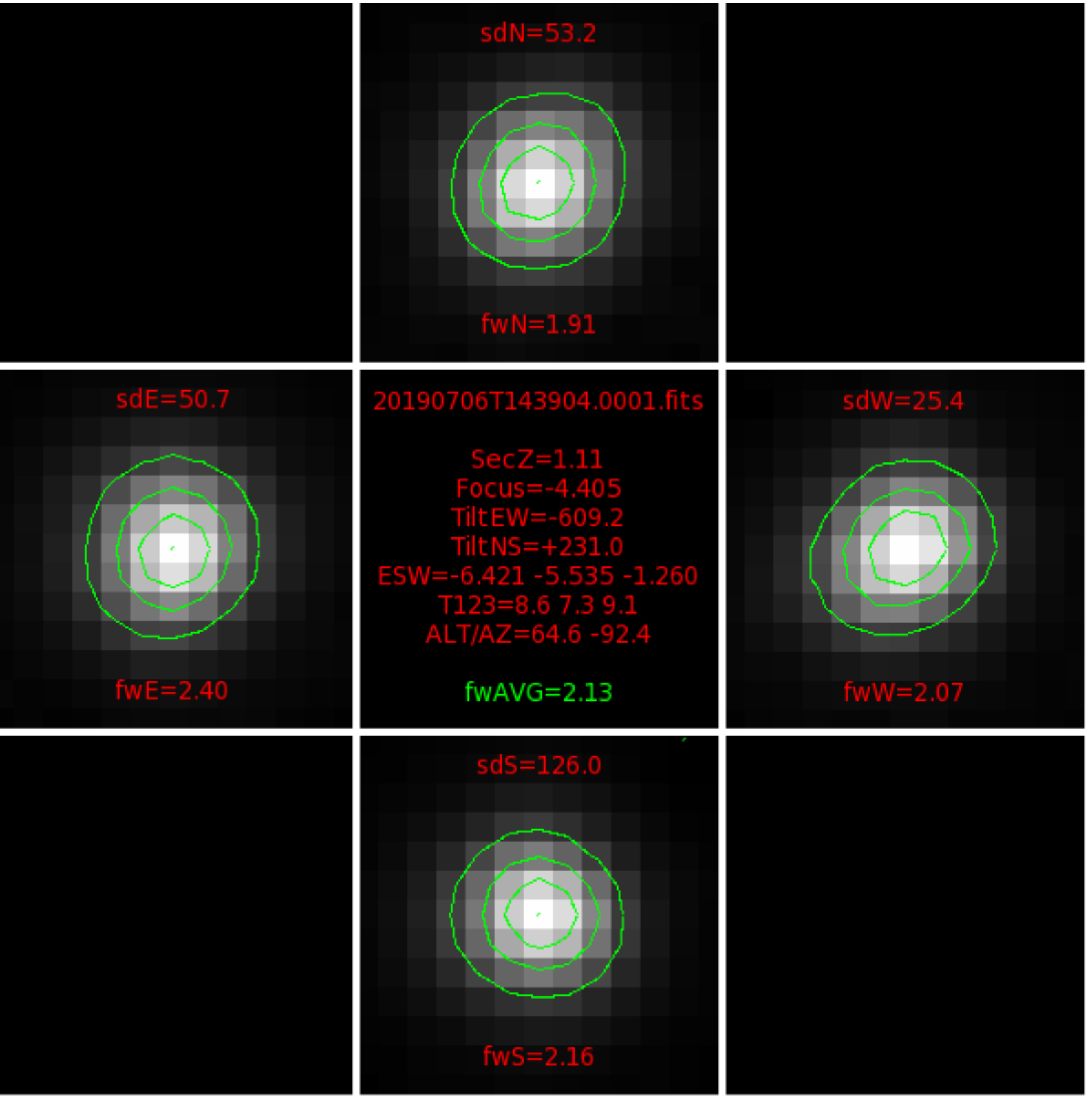
sdN=53.2
fwN=1.91
sdE=50.7
fwE=2.40
20190706T143904.0001.fits
SecZ=1.11
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.6 7.3 9.1
ALT/AZ=64.6 -92.4
fwAVG=2.13
sdW=25.4
fwW=2.07
sdS=126.0
fwS=2.16
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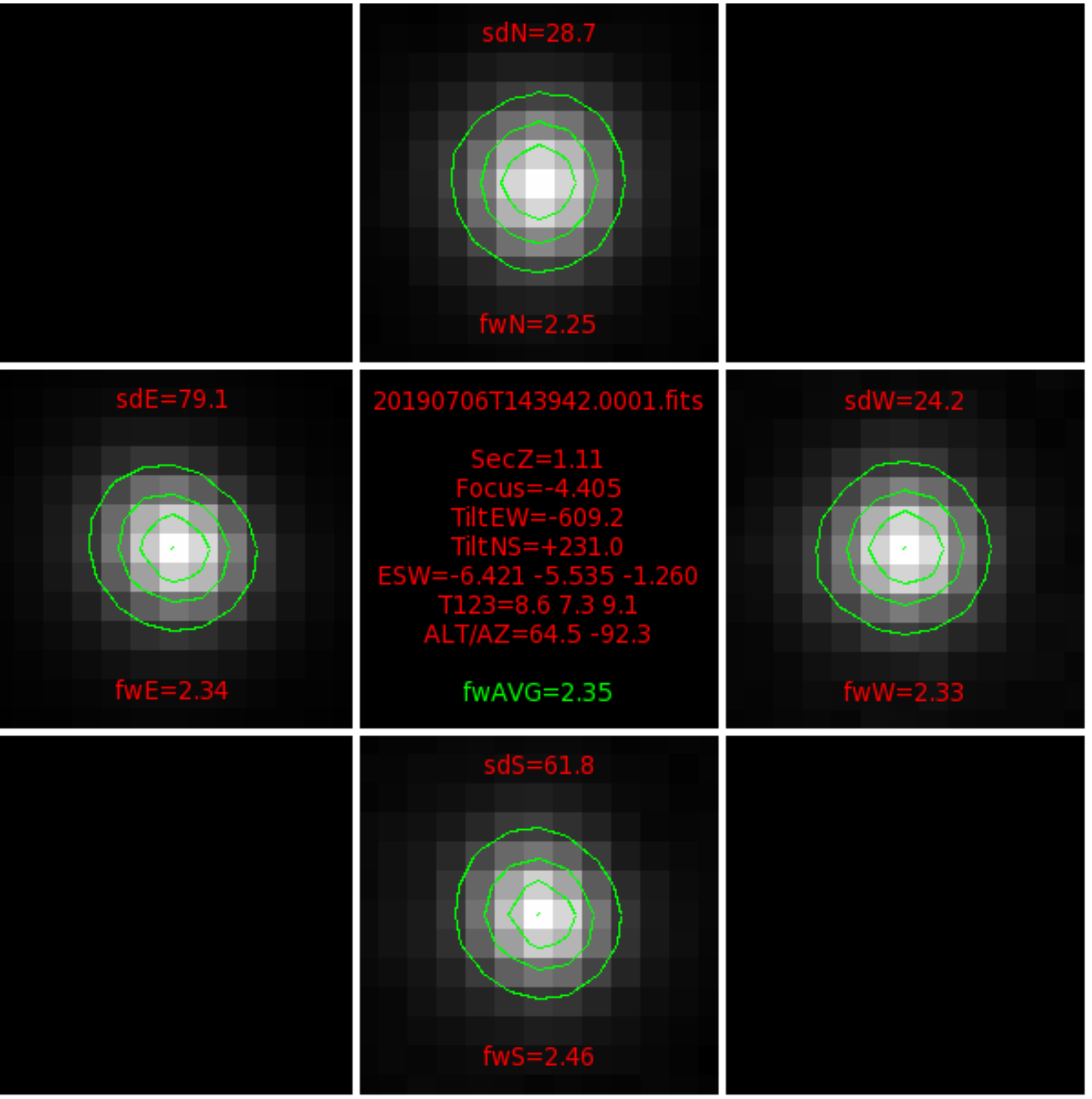
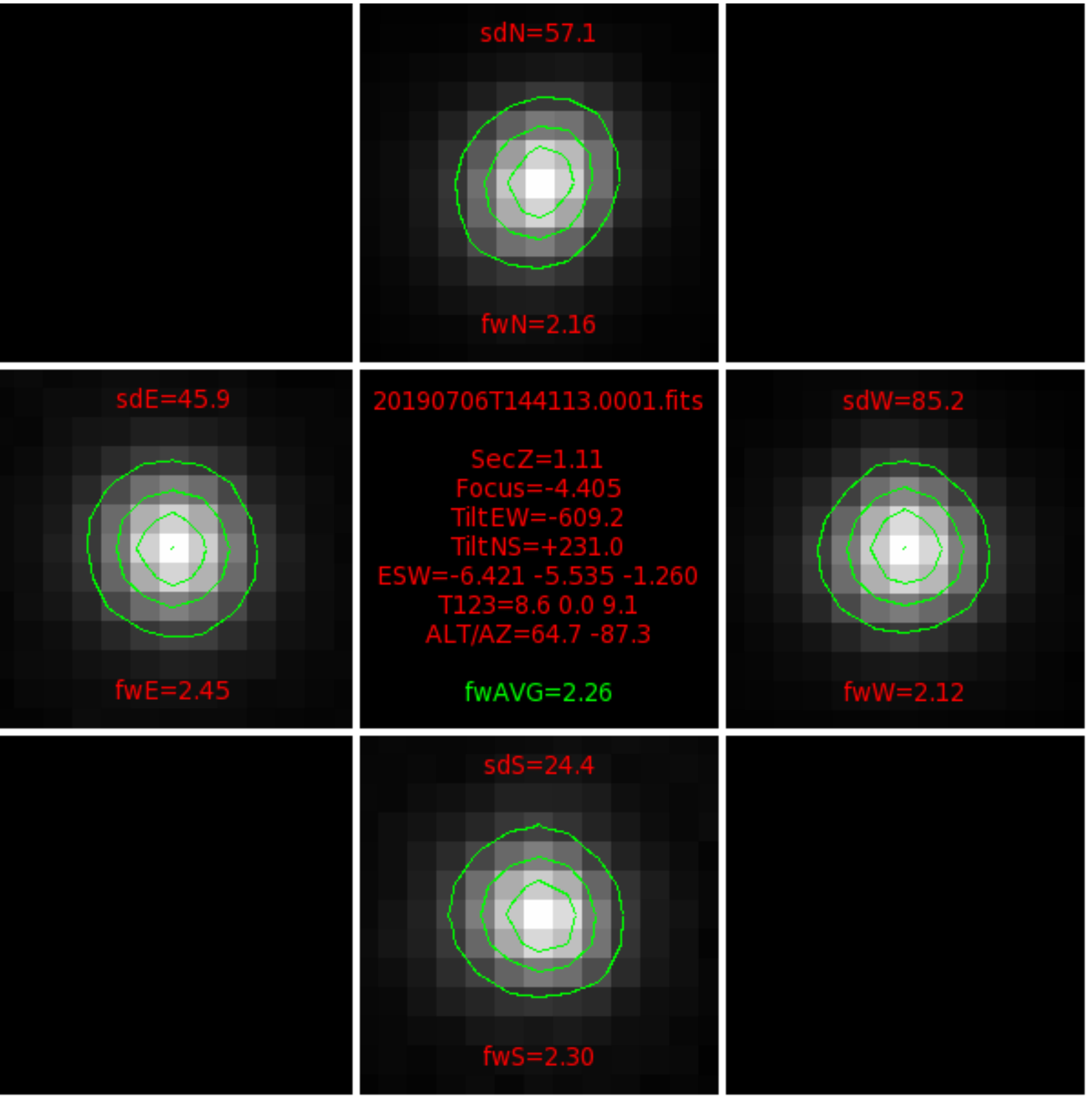

sdN=28.7
fwN=2.25
sdE=79.1
fwE=2.34
20190706T143942.0001.fits
SecZ=1.11
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.6 7.3 9.1
ALT/AZ=64.5 -92.3
fwAVG=2.35
sdW=24.2
fwW=2.33
sdS=61.8
fwS=2.46
0 0 0 0 0 0 0 0 0


sdN=57.1
fwN=2.16
sdE=45.9
fwE=2.45
20190706T144113.0001.fits
SecZ=1.11
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.6 0.0 9.1
ALT/AZ=64.7 -87.3
fwAVG=2.26
sdW=85.2
fwW=2.12
sdS=24.4
fwS=2.30
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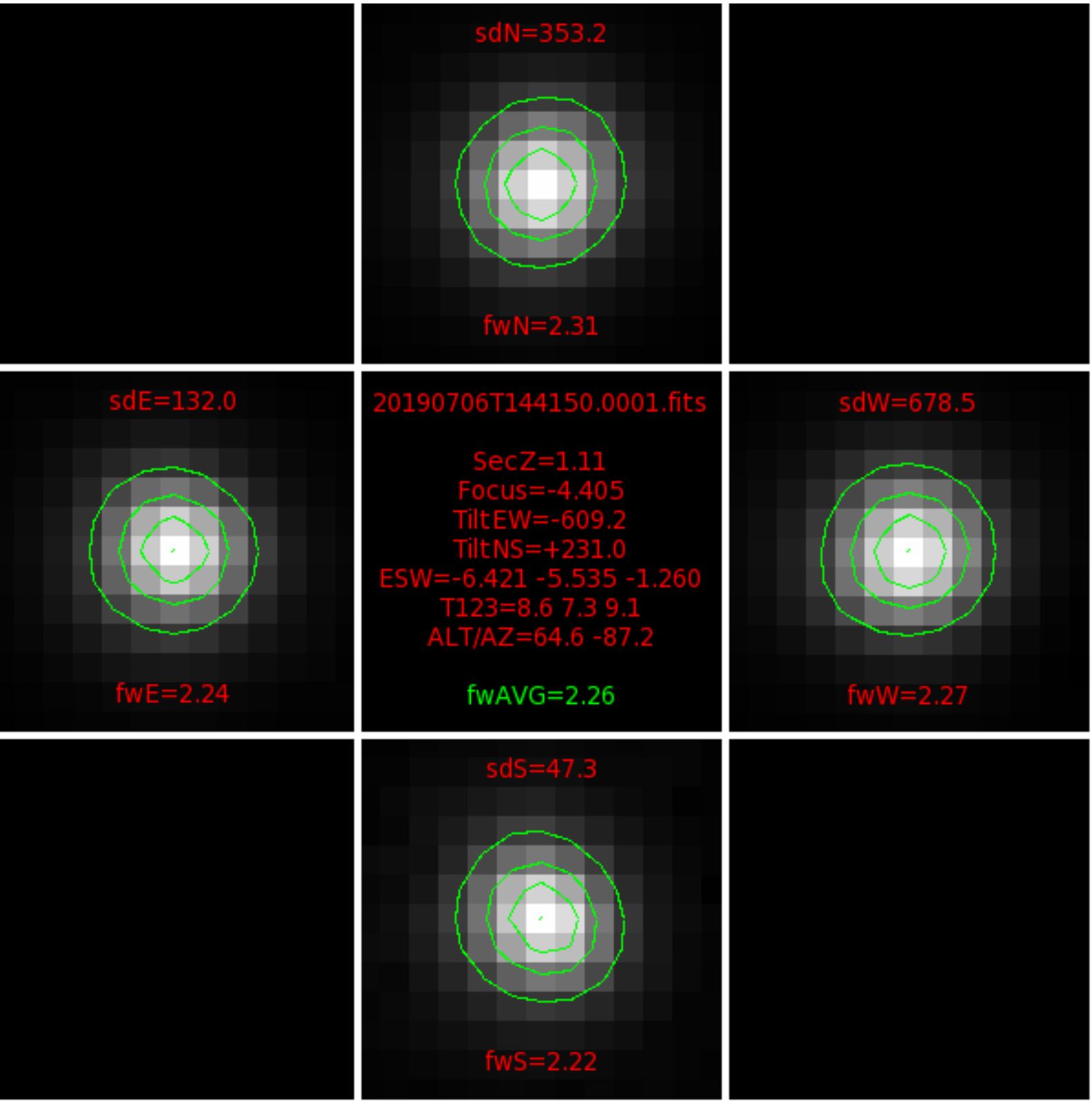
sdN=353.2
fwN=2.31
sdE=132.0
fwE=2.24
20190706T144150.0001.fits
SecZ=1.11
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.6 7.3 9.1
ALT/AZ=64.6 -87.2
fwAVG=2.26
sdW=678.5
fwW=2.27
sdS=47.3
fwS=2.22
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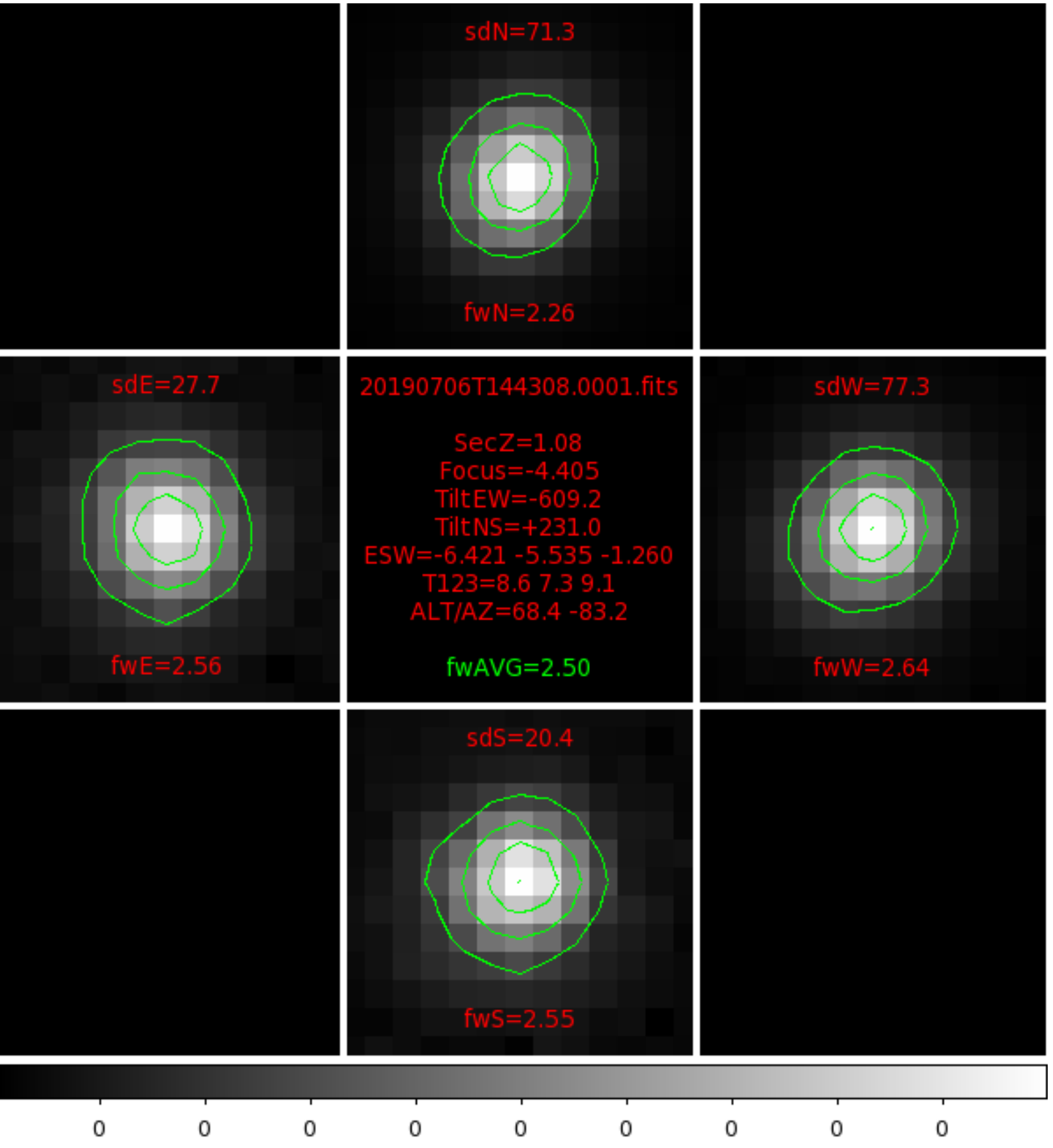
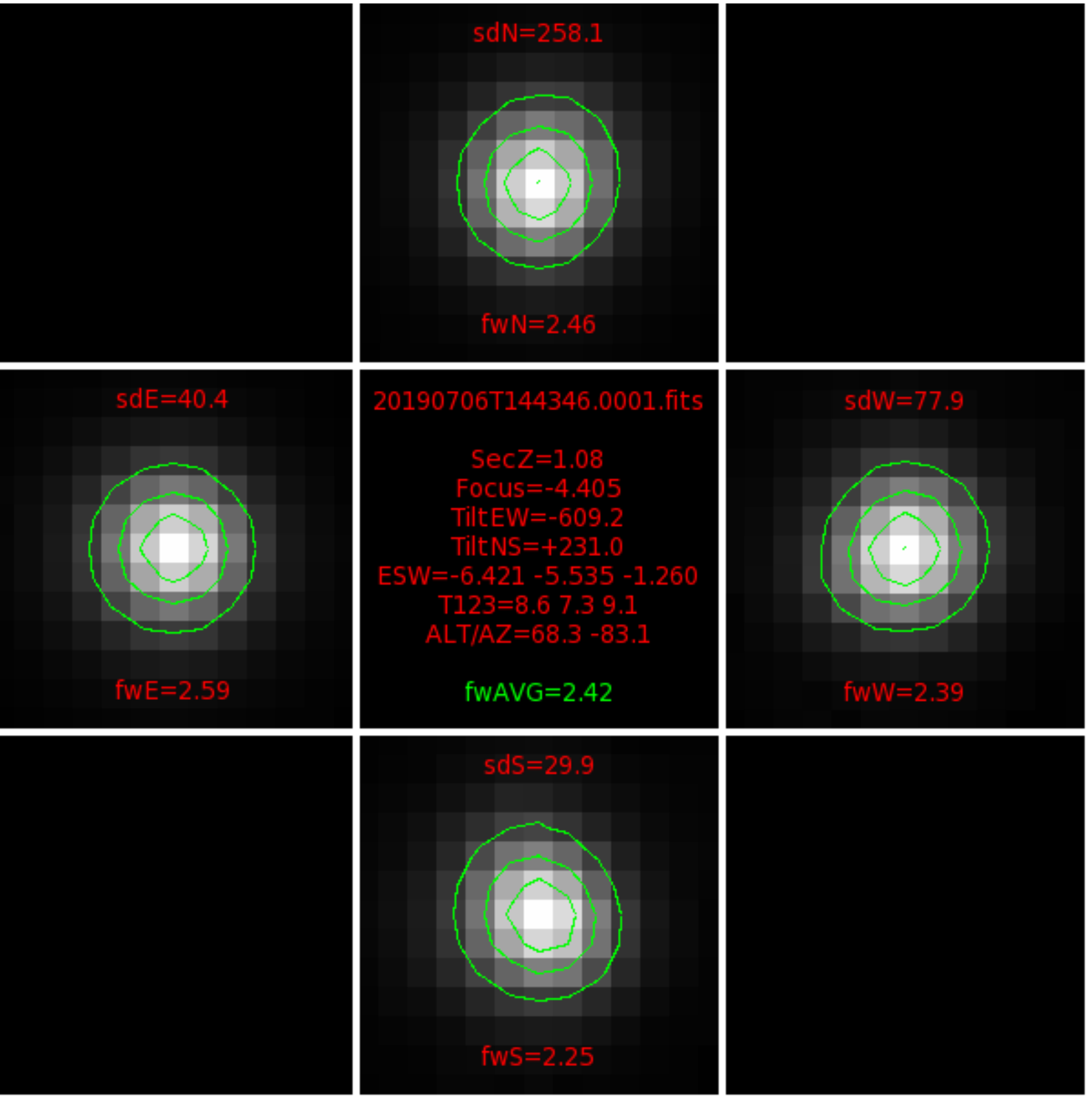

sdN=71.3
fwN=2.26
sdE=27.7
fwE=2.56
20190706T144308.0001.fits
SecZ=1.08
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.6 7.3 9.1
ALT/AZ=68.4 -83.2
fwAVG=2.50
sdW=77.3
fwW=2.64
sdS=20.4
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=258.1
fwN=2.46
sdE=40.4
fwE=2.59
20190706T144346.0001.fits
SecZ=1.08
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.6 7.3 9.1
ALT/AZ=68.3 -83.1
fwAVG=2.42
sdW=77.9
fwW=2.39
sdS=29.9
fwS=2.25
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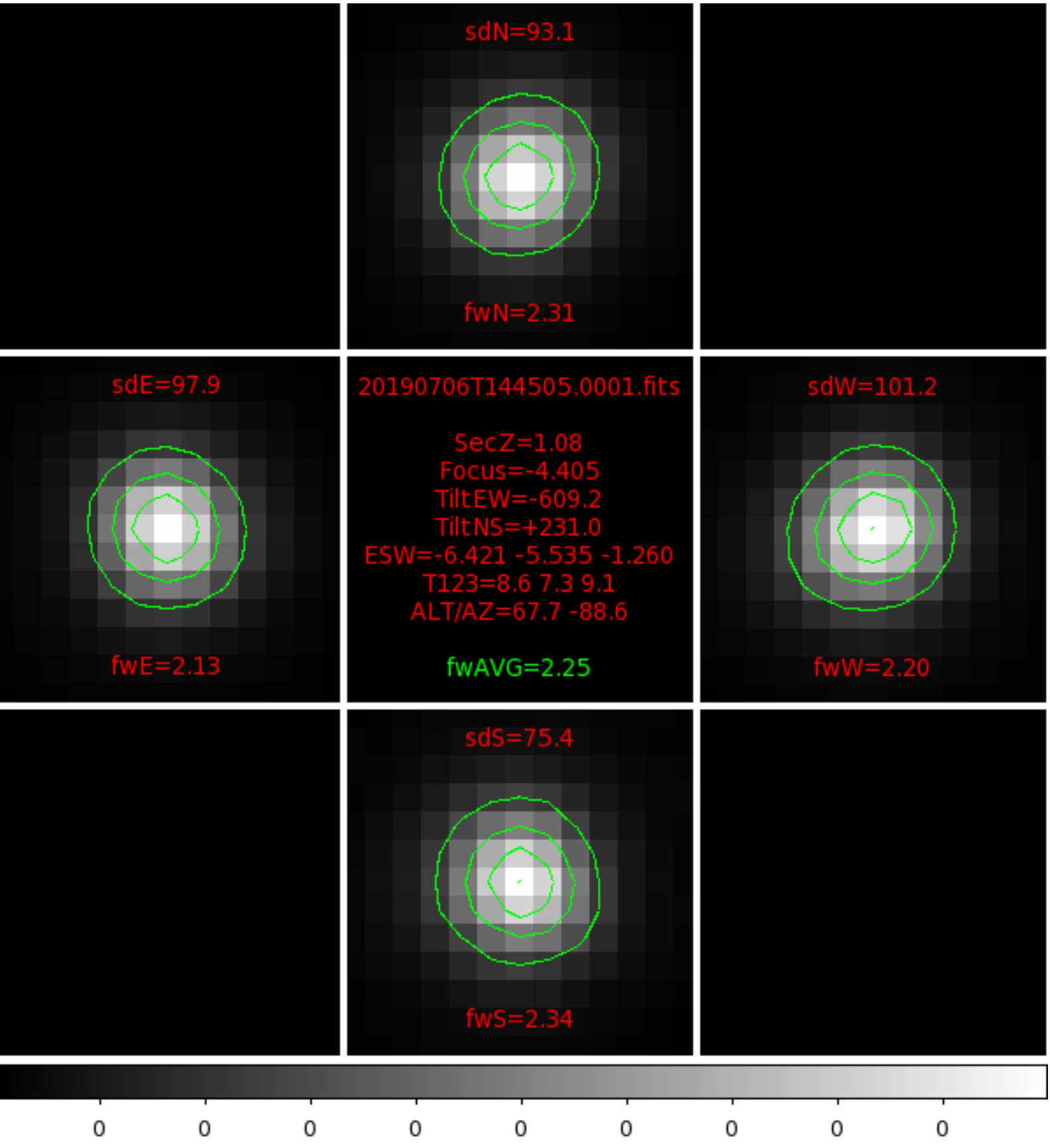
sdN=93.1
fwN=2.31
sdE=97.9
fwE=2.13
20190706T144505.0001.fits
SecZ=1.08
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.6 7.3 9.1
ALT/AZ=67.7 -88.6
fwAVG=2.25
sdW=101.2
fwW=2.20
sdS=75.4
fwS=2.34
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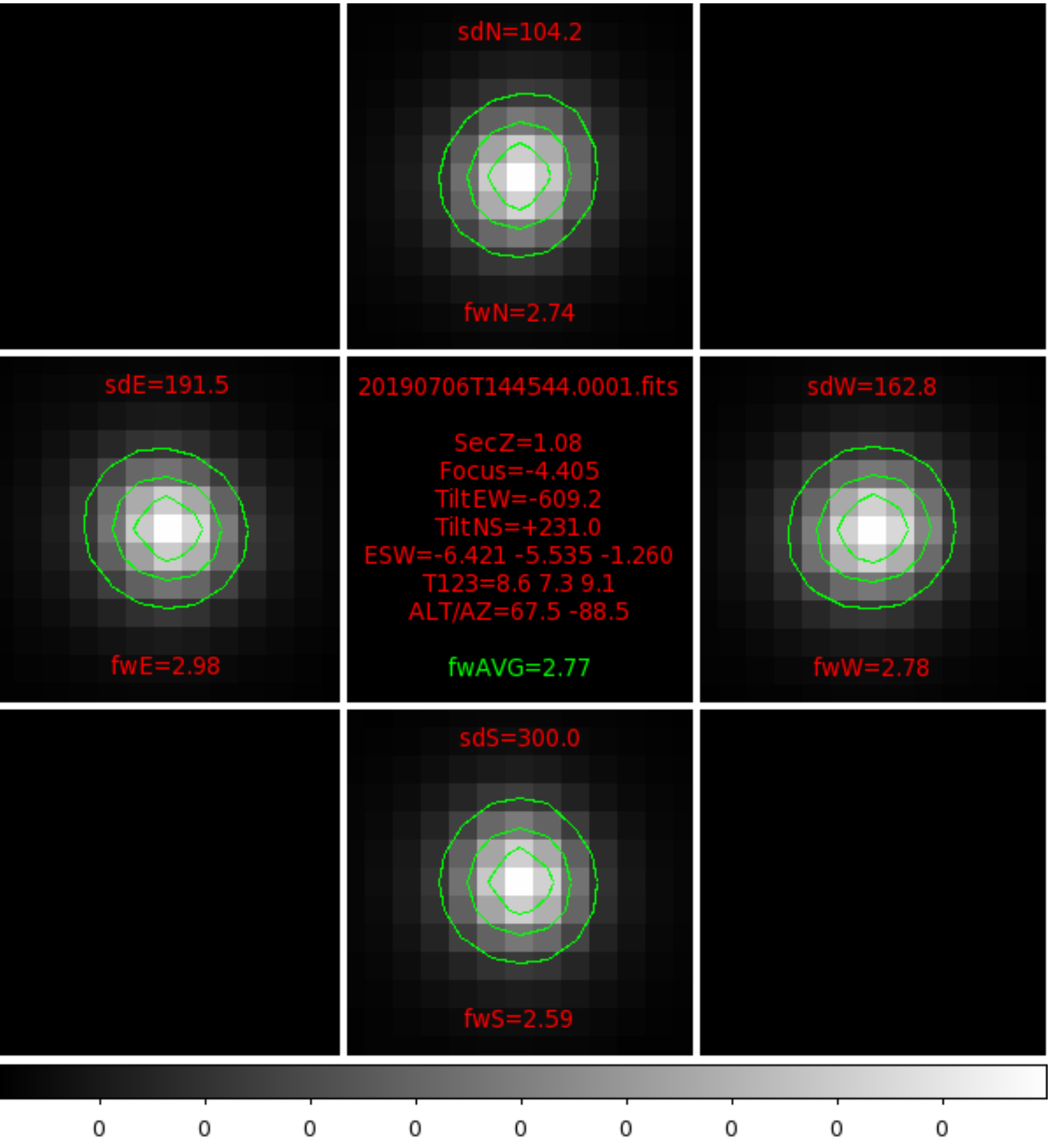
sdN=104.2
fwN=2.74
sdE=191.5
fwE=2.98
20190706T144544.0001.fits
SecZ=1.08
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.6 7.3 9.1
ALT/AZ=67.5 -88.5
fwAVG=2.77
sdW=162.8
fwW=2.78
sdS=300.0
fwS=2.59
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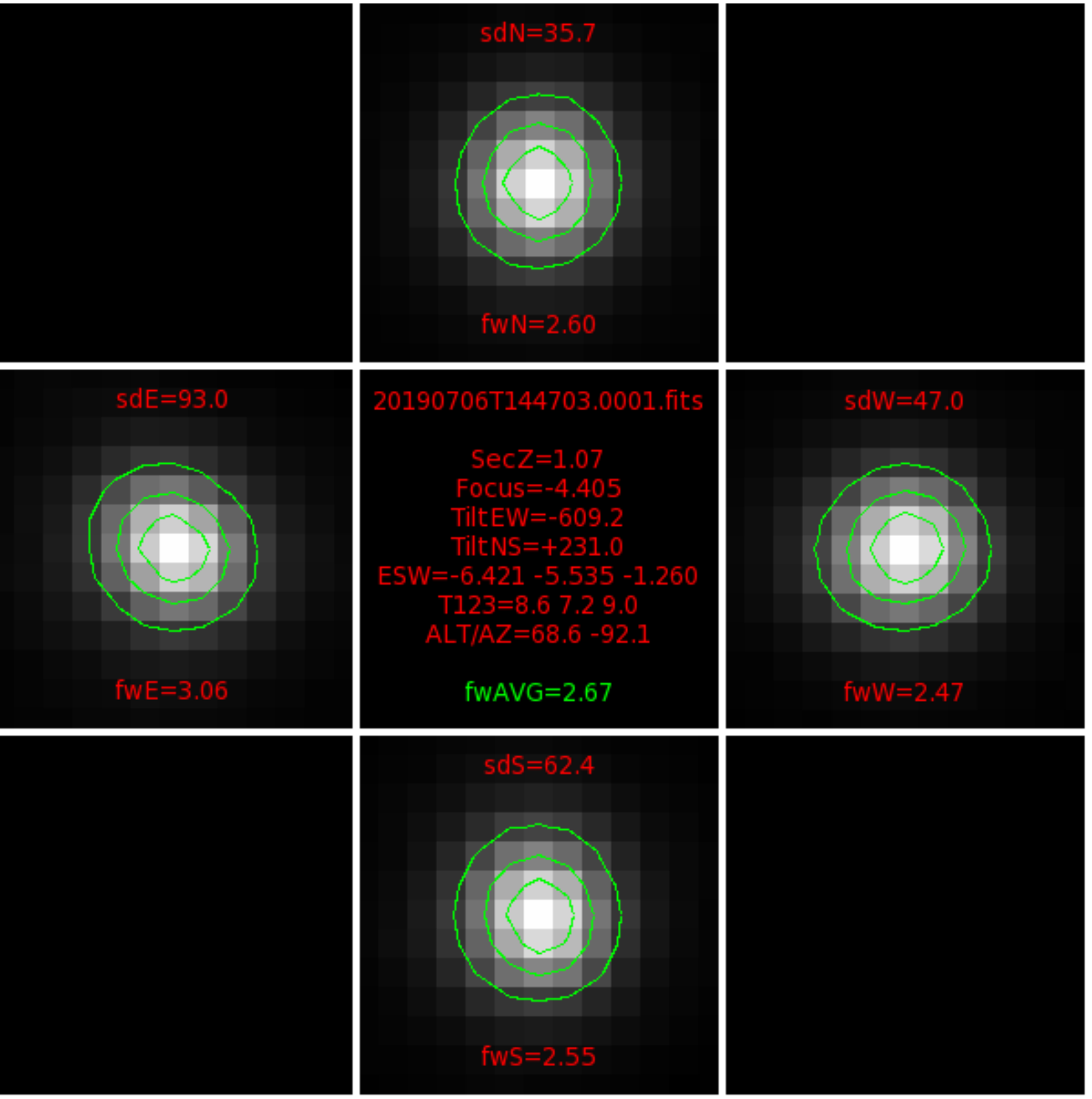
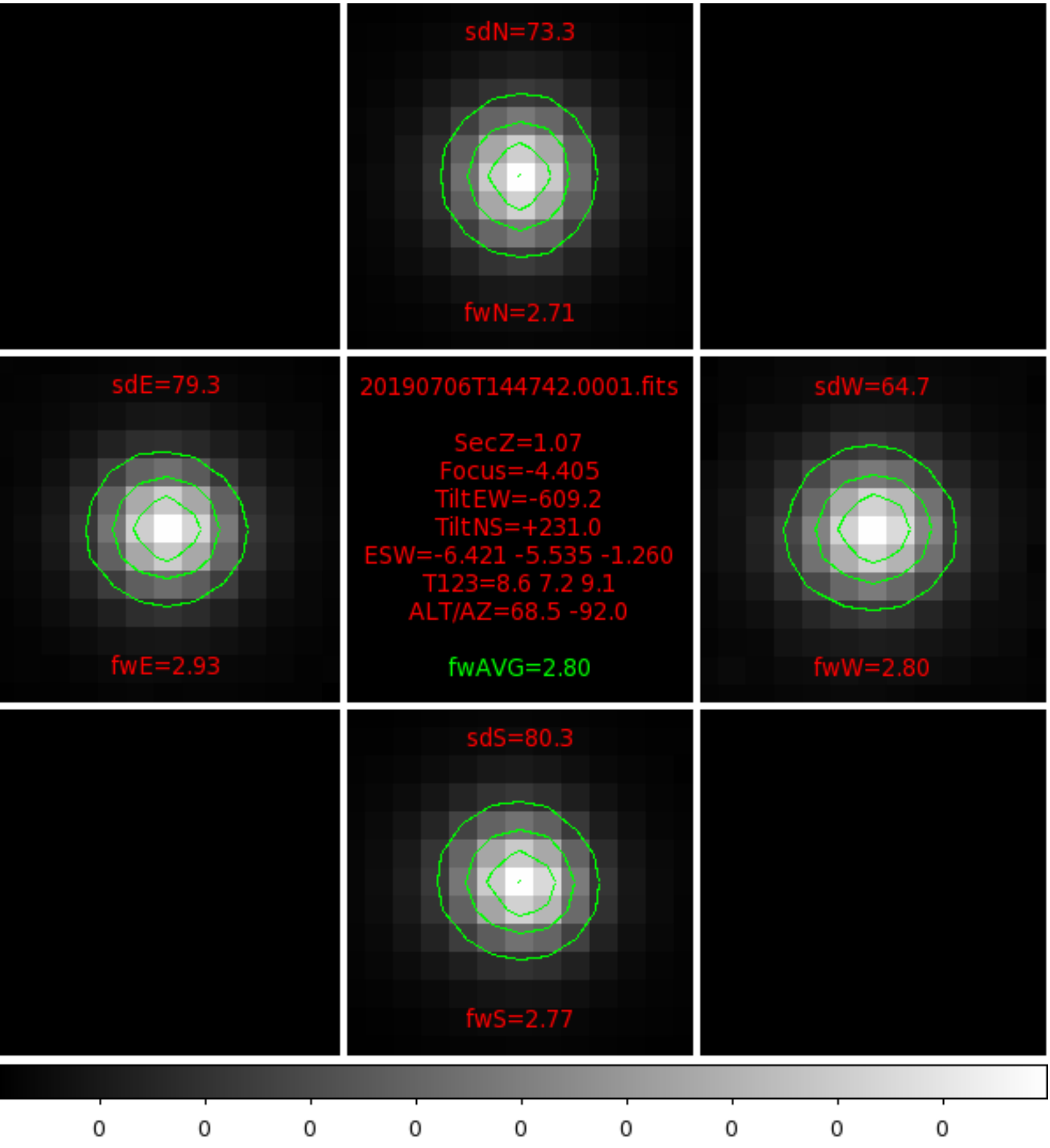

sdN=35.7
fwN=2.60
sdE=93.0
fwE=3.06
20190706T144703.0001.fits
SecZ=1.07
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.6 7.2 9.0
ALT/AZ=68.6 -92.1
fwAVG=2.67
sdW=47.0
fwW=2.47
sdS=62.4
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=73.3
fwN=2.71
sdE=79.3
fwE=2.93
20190706T144742.0001.fits
SecZ=1.07
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.6 7.2 9.1
ALT/AZ=68.5 -92.0
fwAVG=2.80
sdW=64.7
fwW=2.80
sdS=80.3
fwS=2.77
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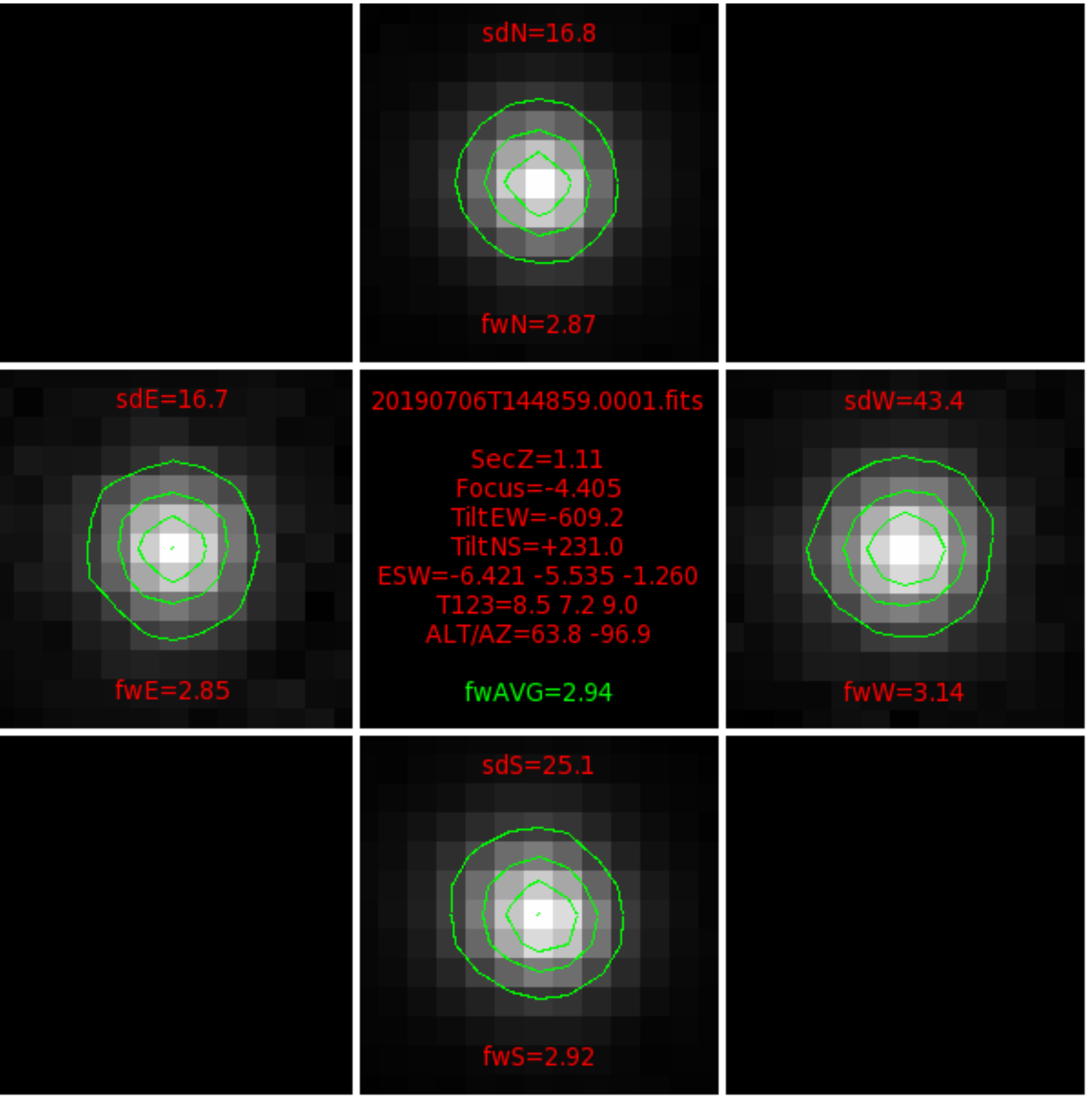
sdN=16.8
fwN=2.87
sdE=16.7
fwE=2.85
20190706T144859.0001.fits
SecZ=1.11
Focus=-4.405
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.421 -5.535 -1.260
T123=8.5 7.2 9.0
ALT/AZ=63.8 -96.9
fwAVG=2.94
sdW=43.4
fwW=3.14
sdS=25.1
fwS=2.92
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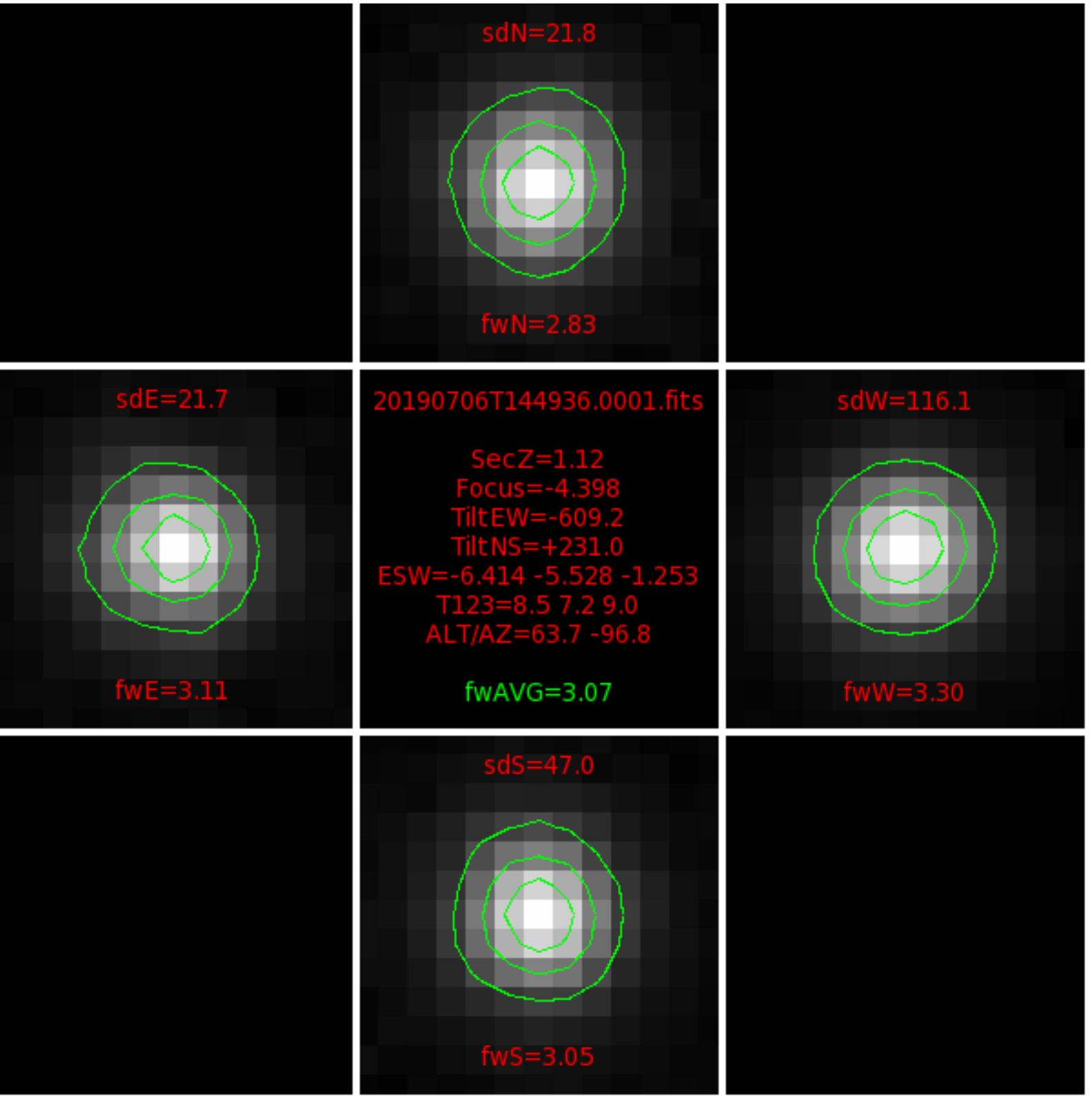
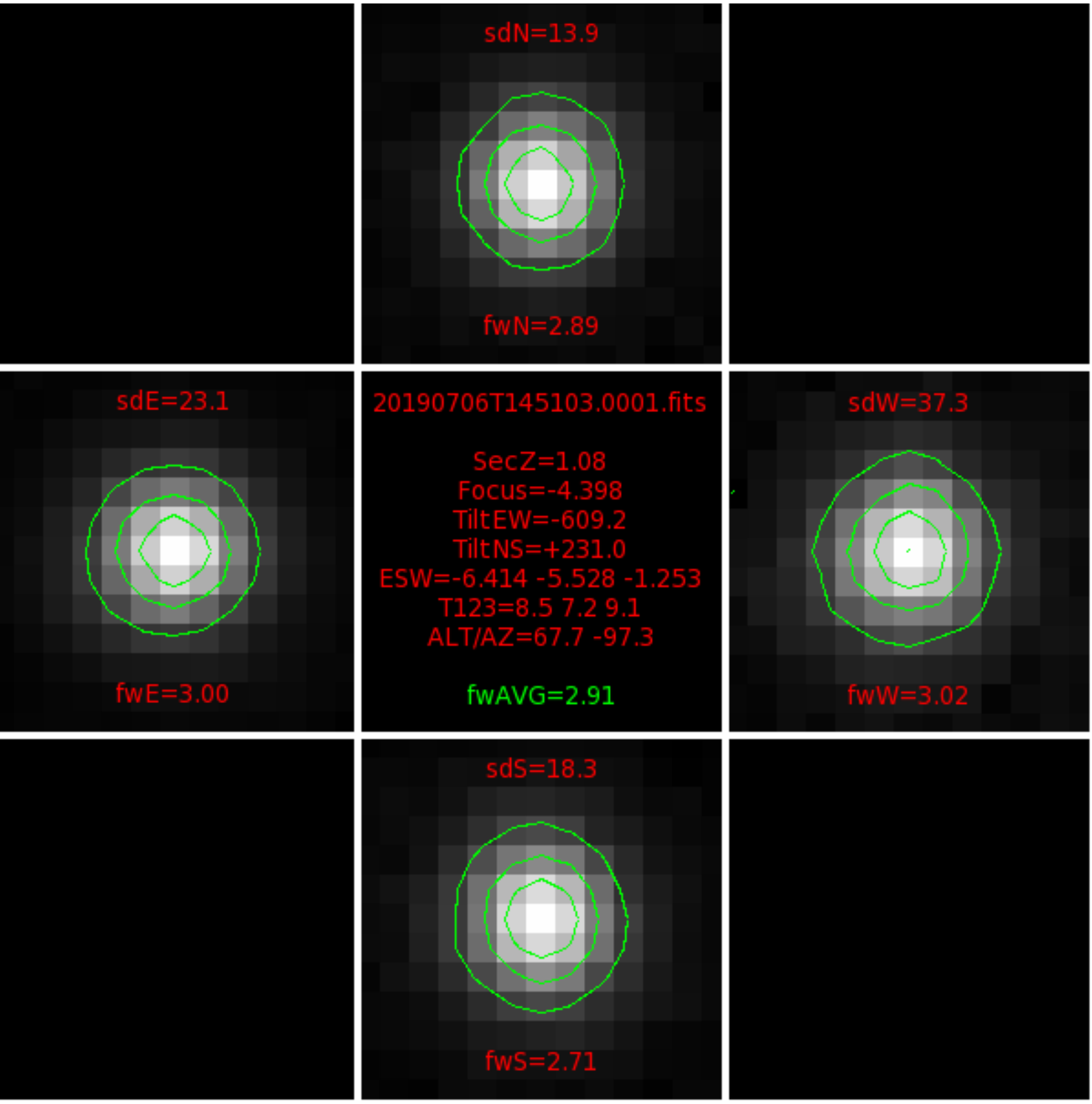
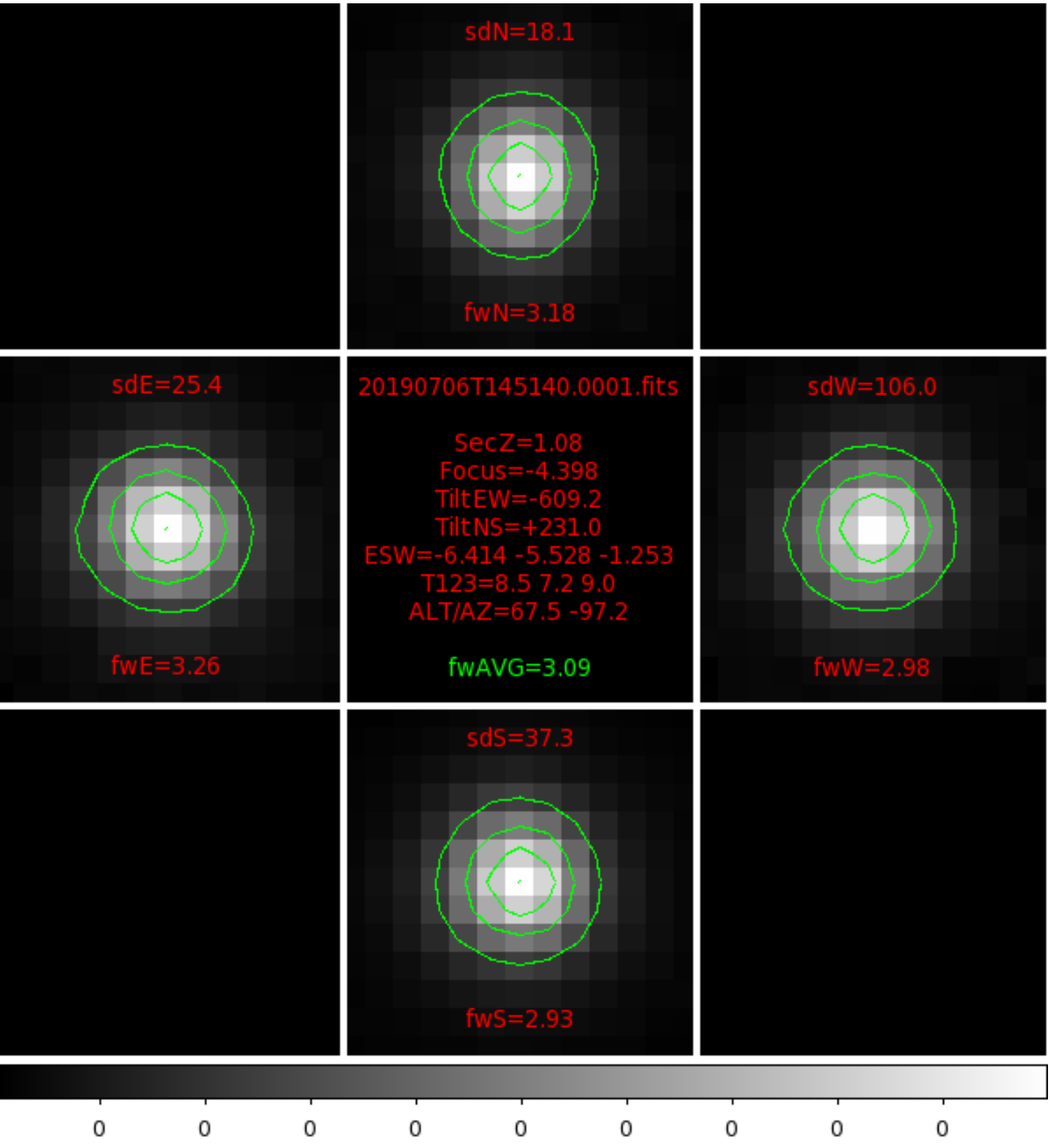
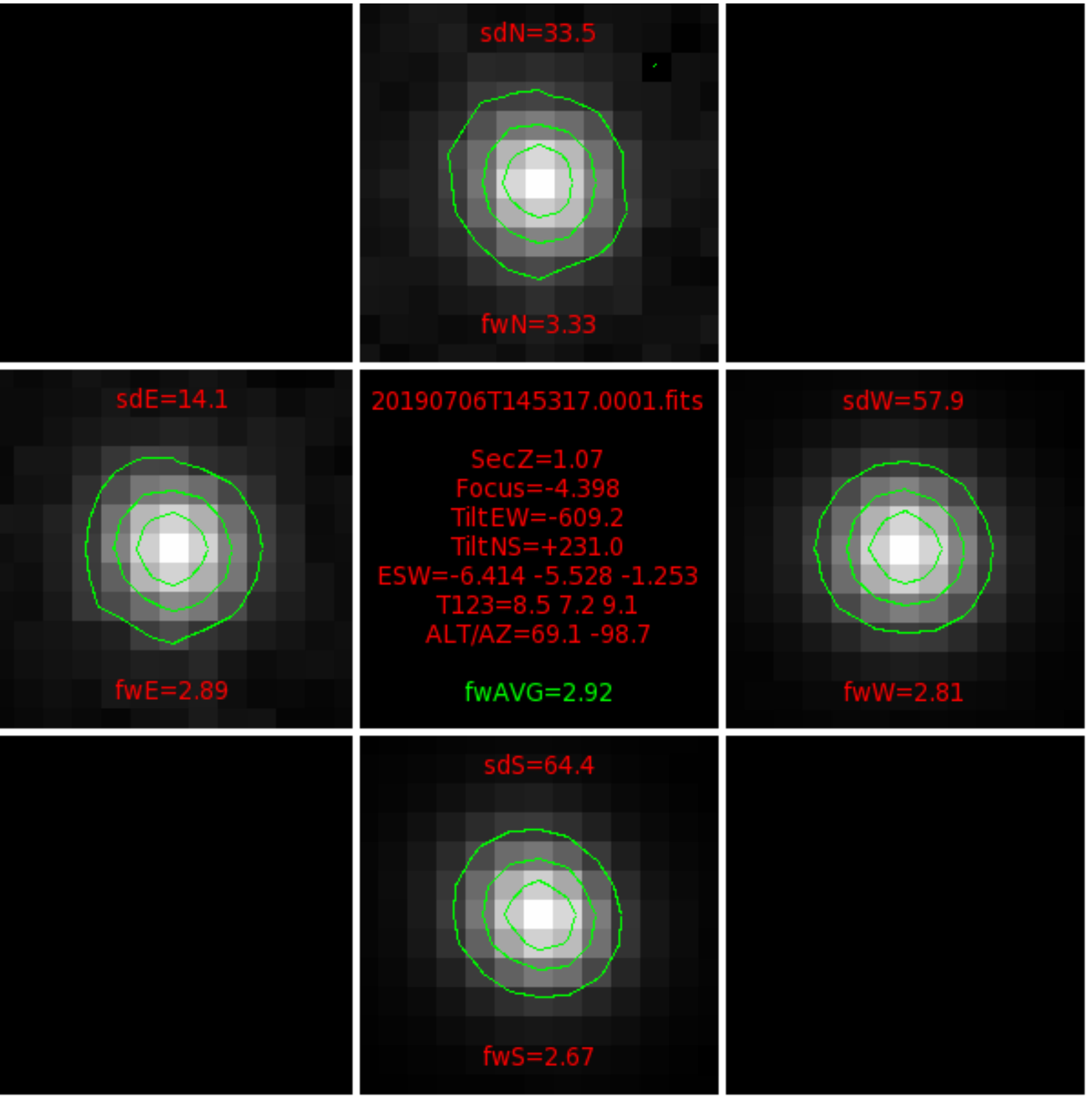
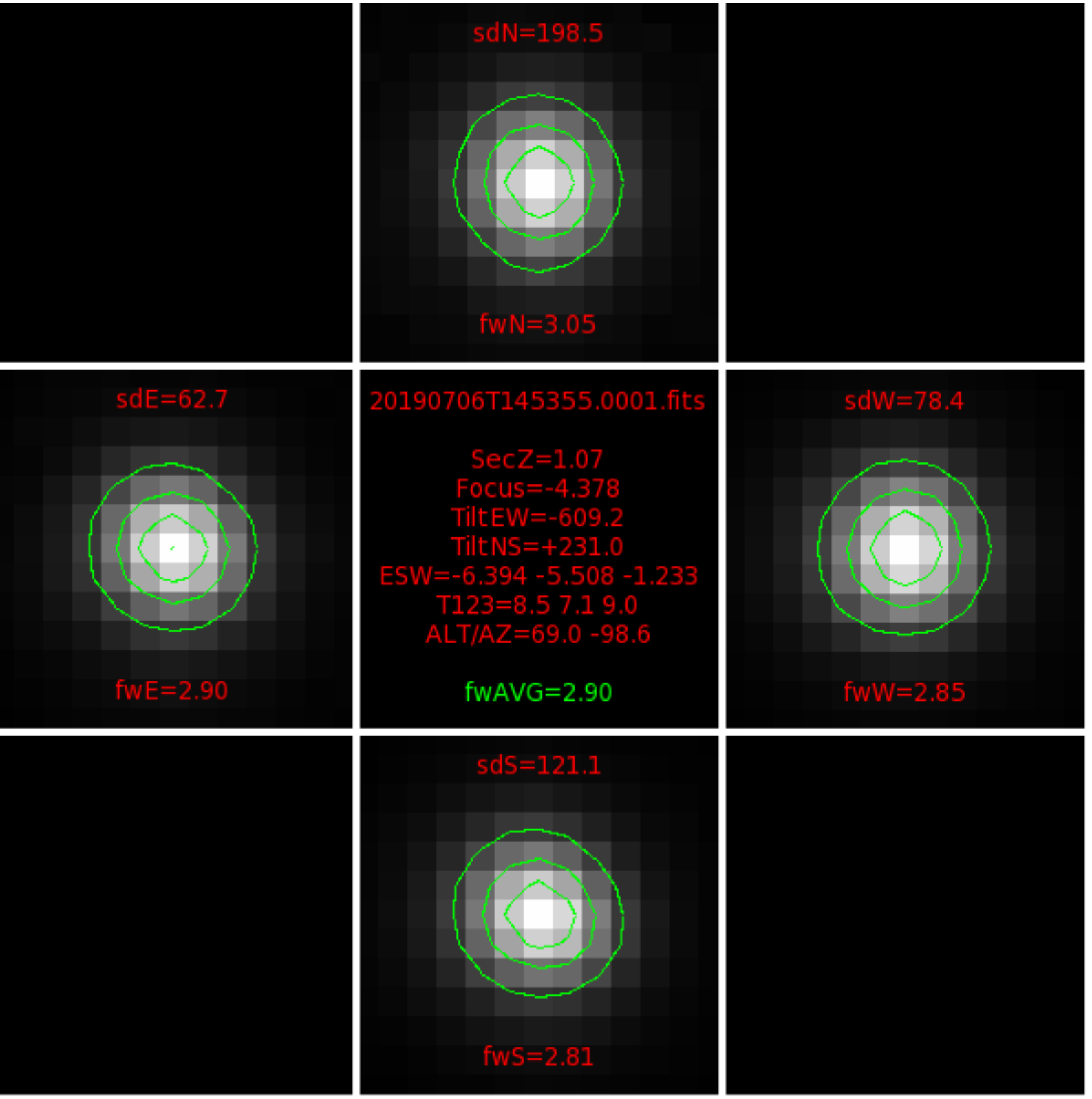
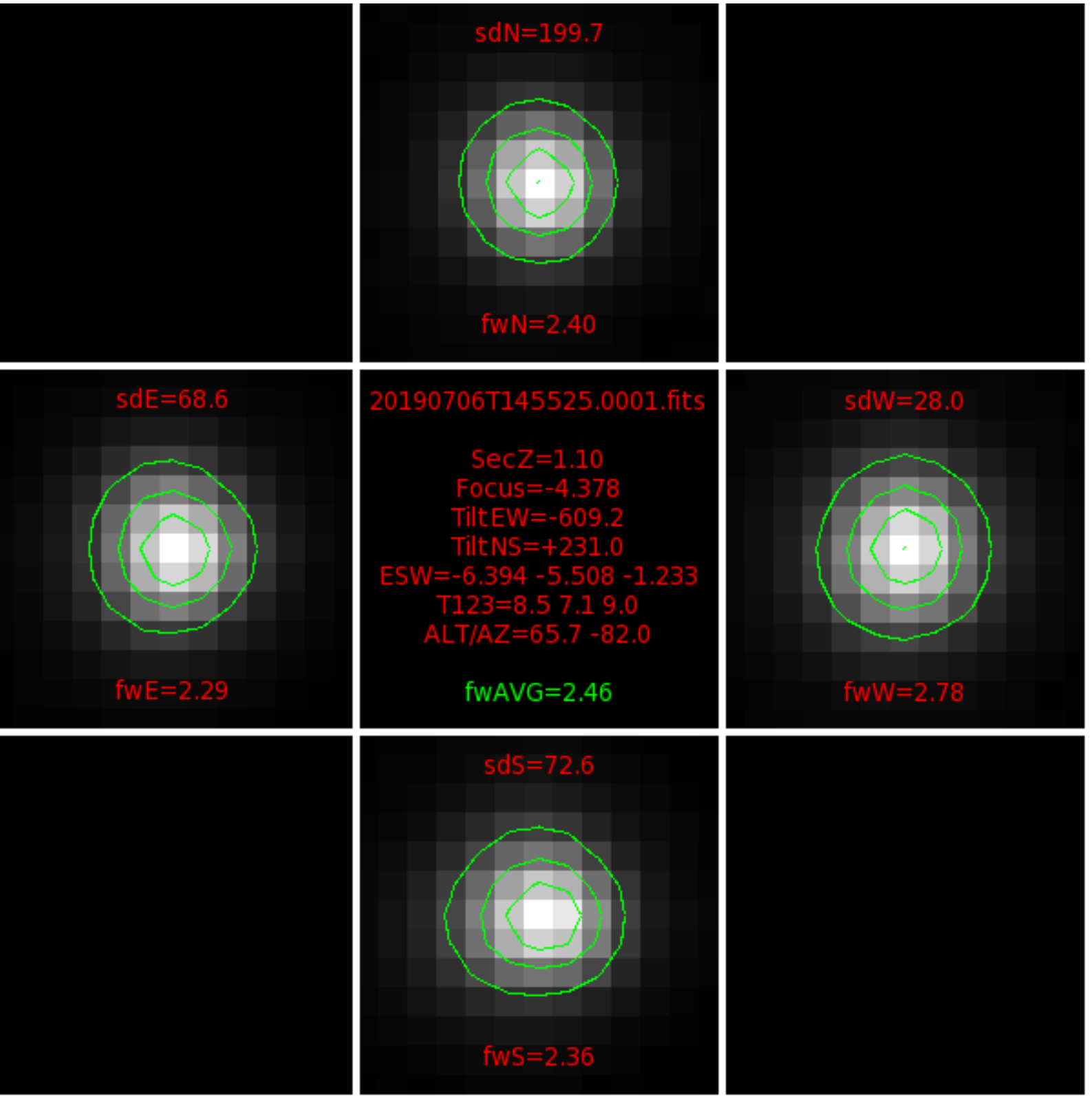

sdN=21.8
fwN=2.83
sdE=21.7
fwE=3.11
20190706T144936.0001.fits
SecZ=1.12
Focus=-4.398
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.414 -5.528 -1.253
T123=8.5 7.2 9.0
ALT/AZ=63.7 -96.8
fwAVG=3.07
sdW=116.1
fwW=3.30
sdS=47.0
fwS=3.05
0 0 0 0 0 0 0 0 0


sdN=13.9
fwN=2.89
sdE=23.1
fwE=3.00
20190706T145103.0001.fits
SecZ=1.08
Focus=-4.398
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.414 -5.528 -1.253
T123=8.5 7.2 9.1
ALT/AZ=67.7 -97.3
fwAVG=2.91
sdW=37.3
fwW=3.02
sdS=18.3
fwS=2.71
0 0 0 0 0 0 0 0 0


sdN=18.1
fwN=3.18
sdE=25.4
fwE=3.26
20190706T145140.0001.fits
SecZ=1.08
Focus=-4.398
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.414 -5.528 -1.253
T123=8.5 7.2 9.0
ALT/AZ=67.5 -97.2
fwAVG=3.09
sdW=106.0
fwW=2.98
sdS=37.3
fwS=2.93
0 0 0 0 0 0 0 0 0


sdN=33.5
fwN=3.33
sdE=14.1
fwE=2.89
20190706T145317.0001.fits
SecZ=1.07
Focus=-4.398
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.414 -5.528 -1.253
T123=8.5 7.2 9.1
ALT/AZ=69.1 -98.7
fwAVG=2.92
sdW=57.9
fwW=2.81
sdS=64.4
fwS=2.67
0 0 0 0 0 0 0 0 0


sdN=198.5
fwN=3.05
sdE=62.7
fwE=2.90
20190706T145355.0001.fits
SecZ=1.07
Focus=-4.378
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.394 -5.508 -1.233
T123=8.5 7.1 9.0
ALT/AZ=69.0 -98.6
fwAVG=2.90
sdW=78.4
fwW=2.85
sdS=121.1
fwS=2.81
0 0 0 0 0 0 0 0 0


sdN=199.7
fwN=2.40
sdE=68.6
fwE=2.29
20190706T145525.0001.fits
SecZ=1.10
Focus=-4.378
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.394 -5.508 -1.233
T123=8.5 7.1 9.0
ALT/AZ=65.7 -82.0
fwAVG=2.46
sdW=28.0
fwW=2.78
sdS=72.6
fwS=2.36
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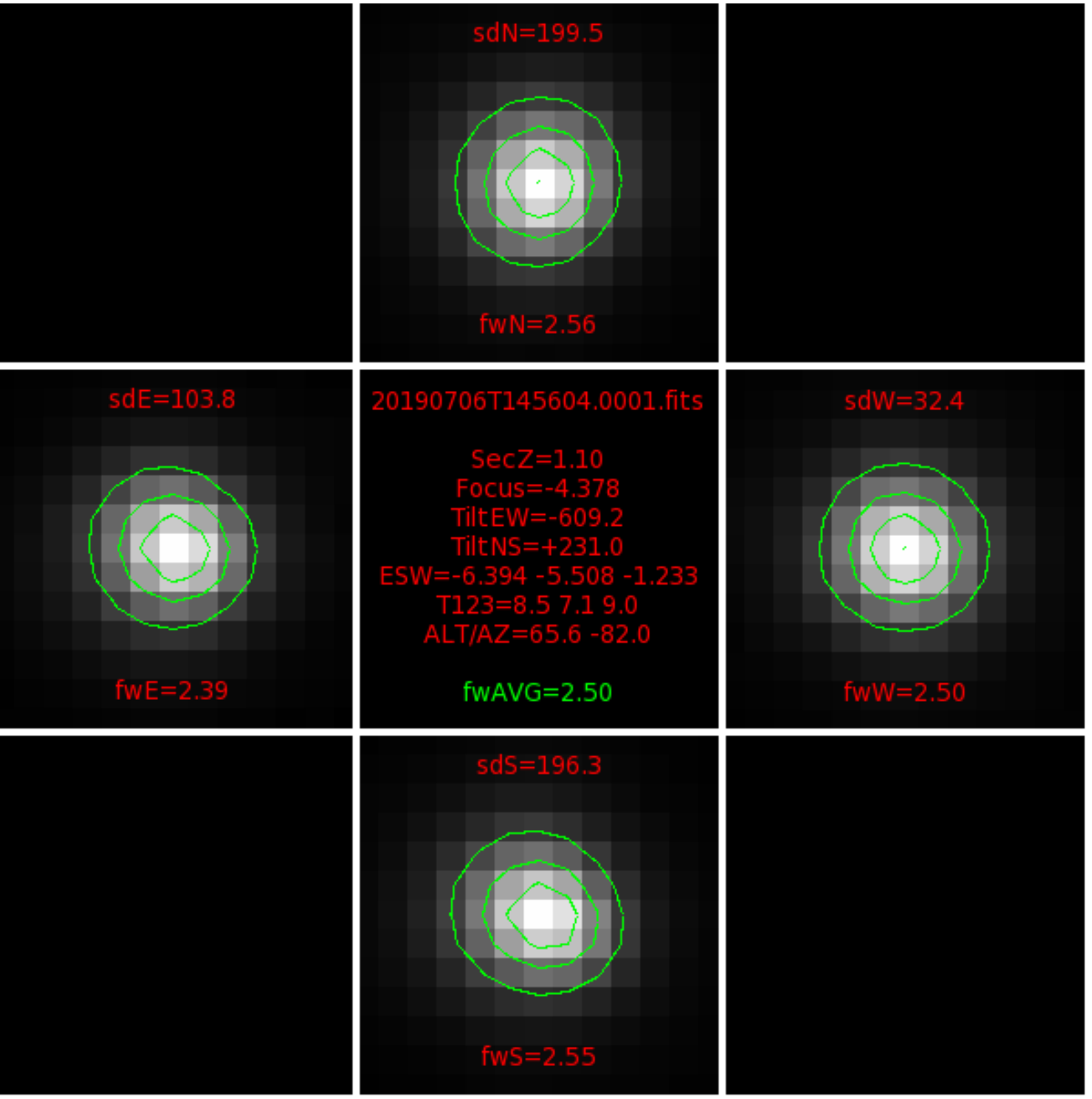
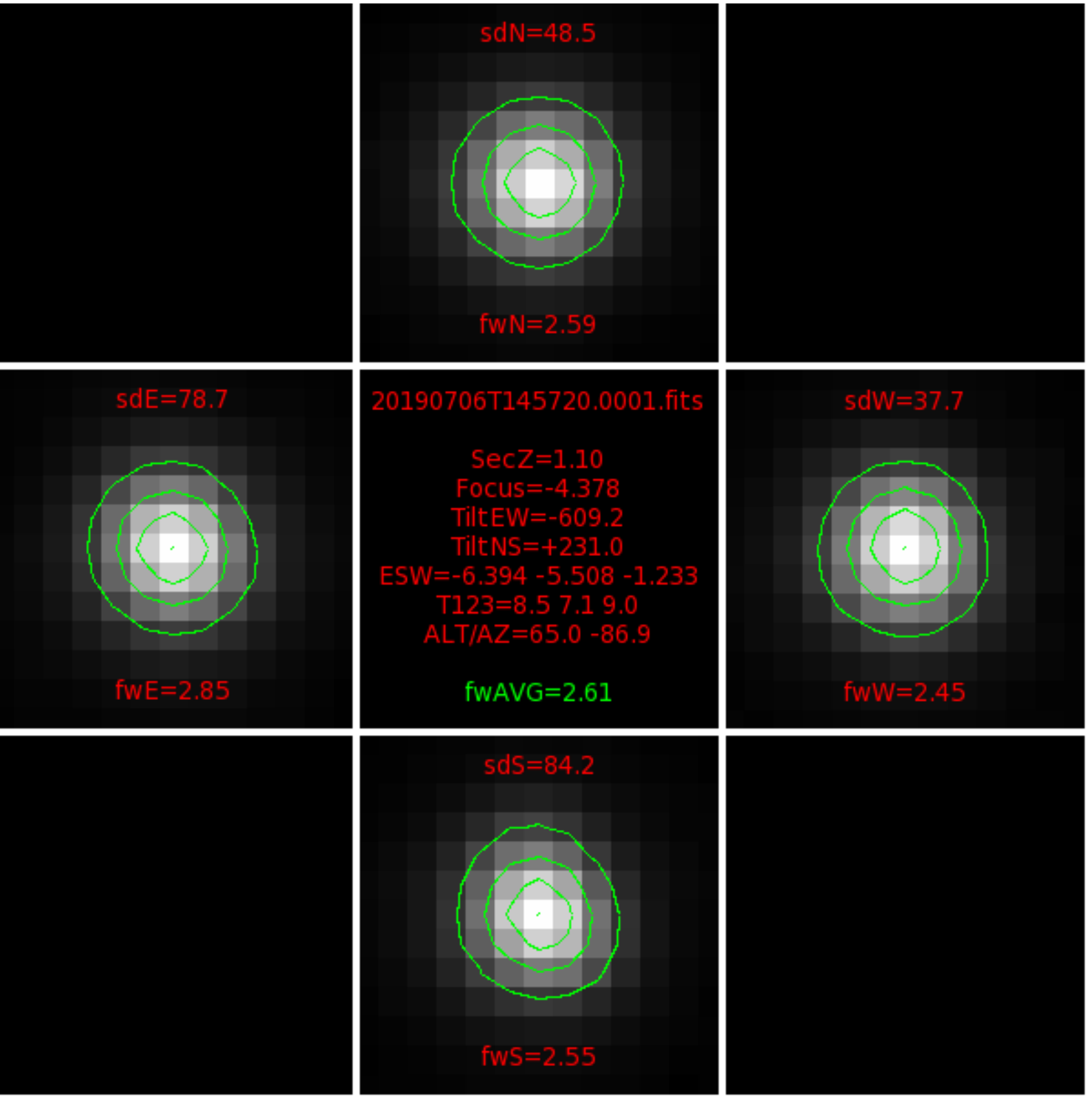
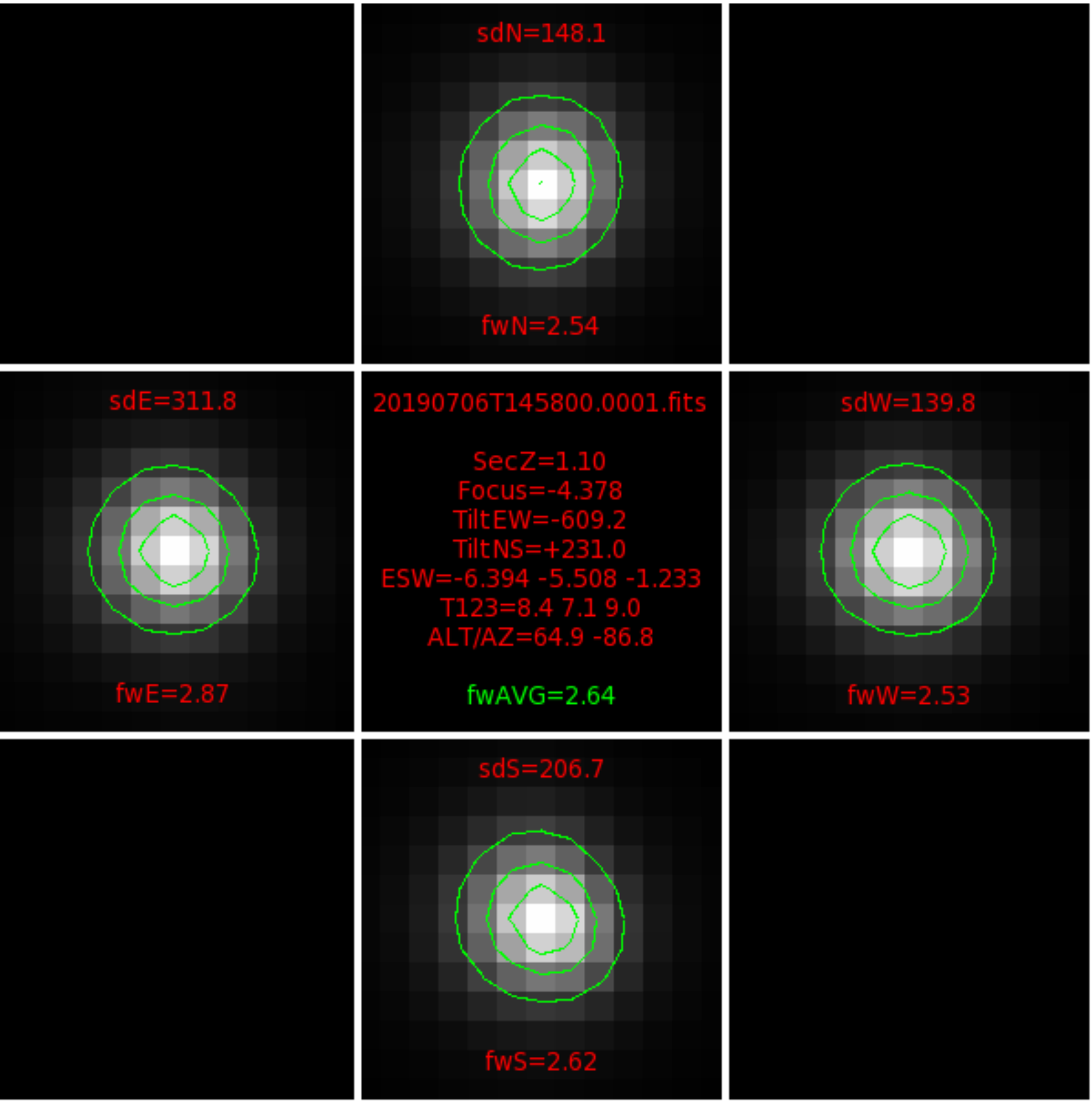

sdN=199.5
fwN=2.56
sdE=103.8
fwE=2.39
20190706T145604.0001.fits
SecZ=1.10
Focus=-4.378
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.394 -5.508 -1.233
T123=8.5 7.1 9.0
ALT/AZ=65.6 -82.0
fwAVG=2.50
sdW=32.4
fwW=2.50
sdS=196.3
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=48.5
fwN=2.59
sdE=78.7
fwE=2.85
20190706T145720.0001.fits
SecZ=1.10
Focus=-4.378
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.394 -5.508 -1.233
T123=8.5 7.1 9.0
ALT/AZ=65.0 -86.9
fwAVG=2.61
sdW=37.7
fwW=2.45
sdS=84.2
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=148.1
fwN=2.54
sdE=311.8
fwE=2.87
20190706T145800.0001.fits
SecZ=1.10
Focus=-4.378
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.394 -5.508 -1.233
T123=8.4 7.1 9.0
ALT/AZ=64.9 -86.8
fwAVG=2.64
sdW=139.8
fwW=2.53
sdS=206.7
fwS=2.62
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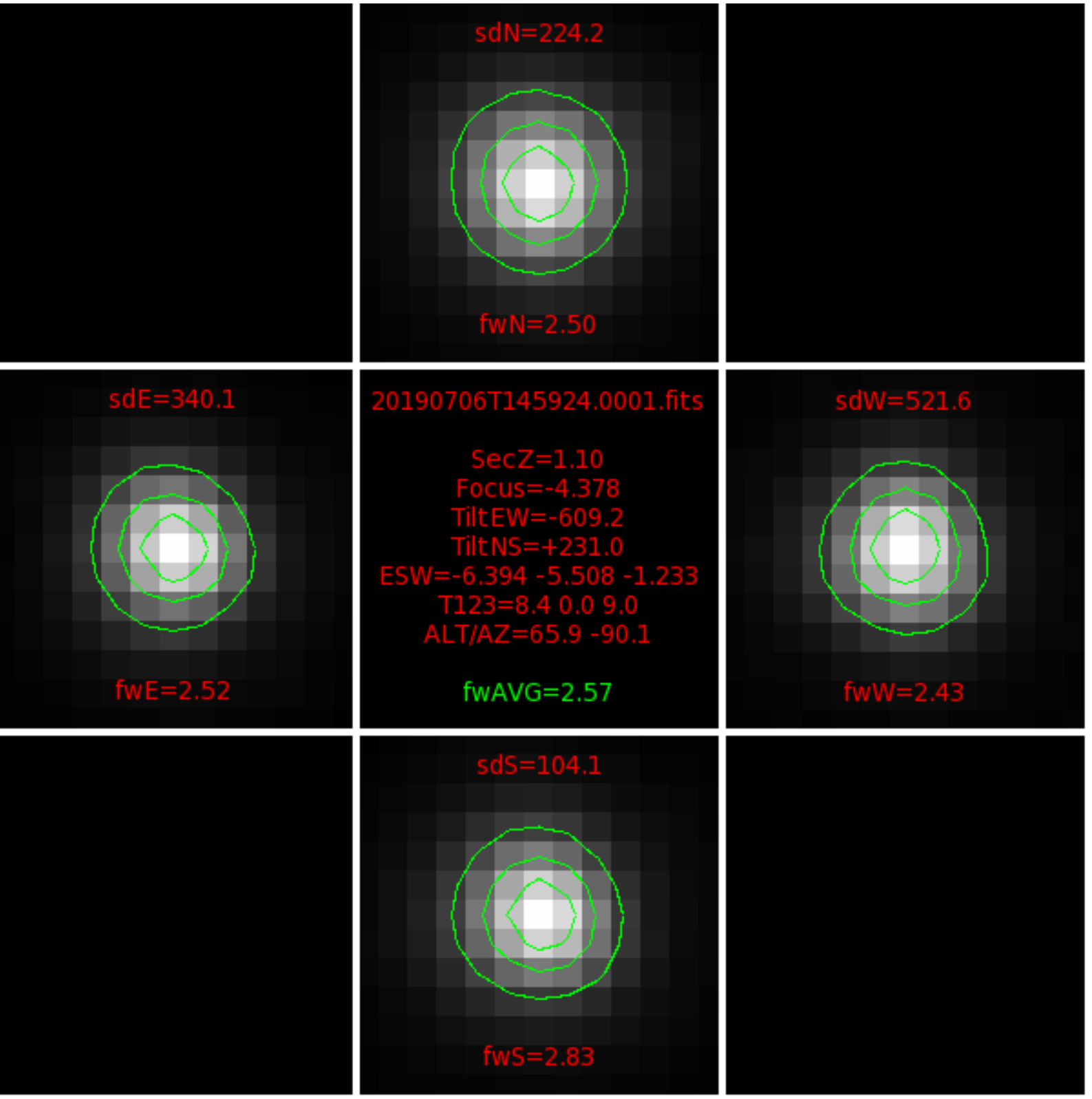
sdN=224.2
fwN=2.50
sdE=340.1
fwE=2.52
20190706T145924.0001.fits
SecZ=1.10
Focus=-4.378
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.394 -5.508 -1.233
T123=8.4 0.0 9.0
ALT/AZ=65.9 -90.1
fwAVG=2.57
sdW=521.6
fwW=2.43
sdS=104.1
fwS=2.83
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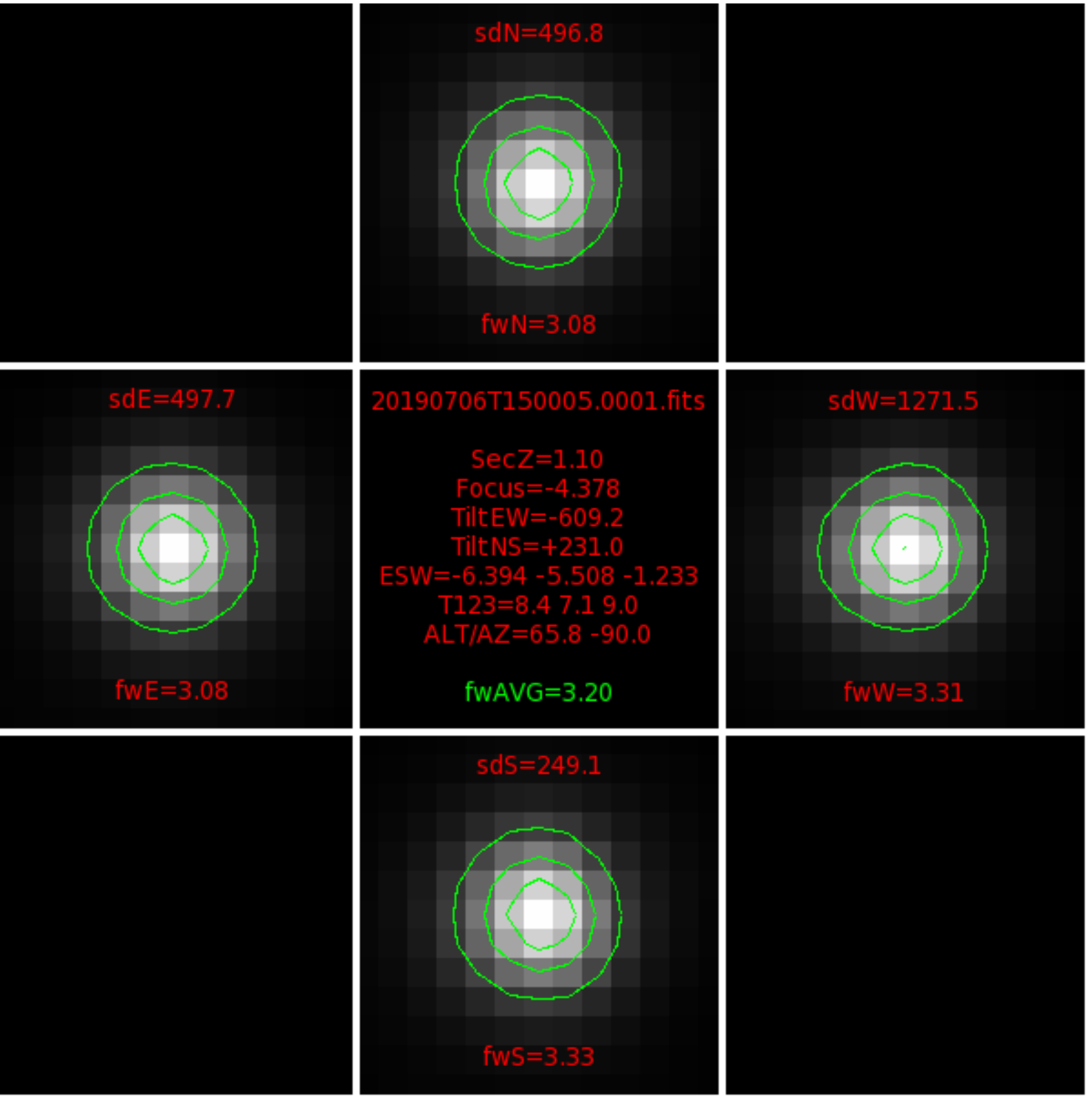
sdN=496.8
fwN=3.08
sdE=497.7
fwE=3.08
20190706T150005.0001.fits
SecZ=1.10
Focus=-4.378
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.394 -5.508 -1.233
T123=8.4 7.1 9.0
ALT/AZ=65.8 -90.0
fwAVG=3.20
sdW=1271.5
fwW=3.31
sdS=249.1
fwS=3.33
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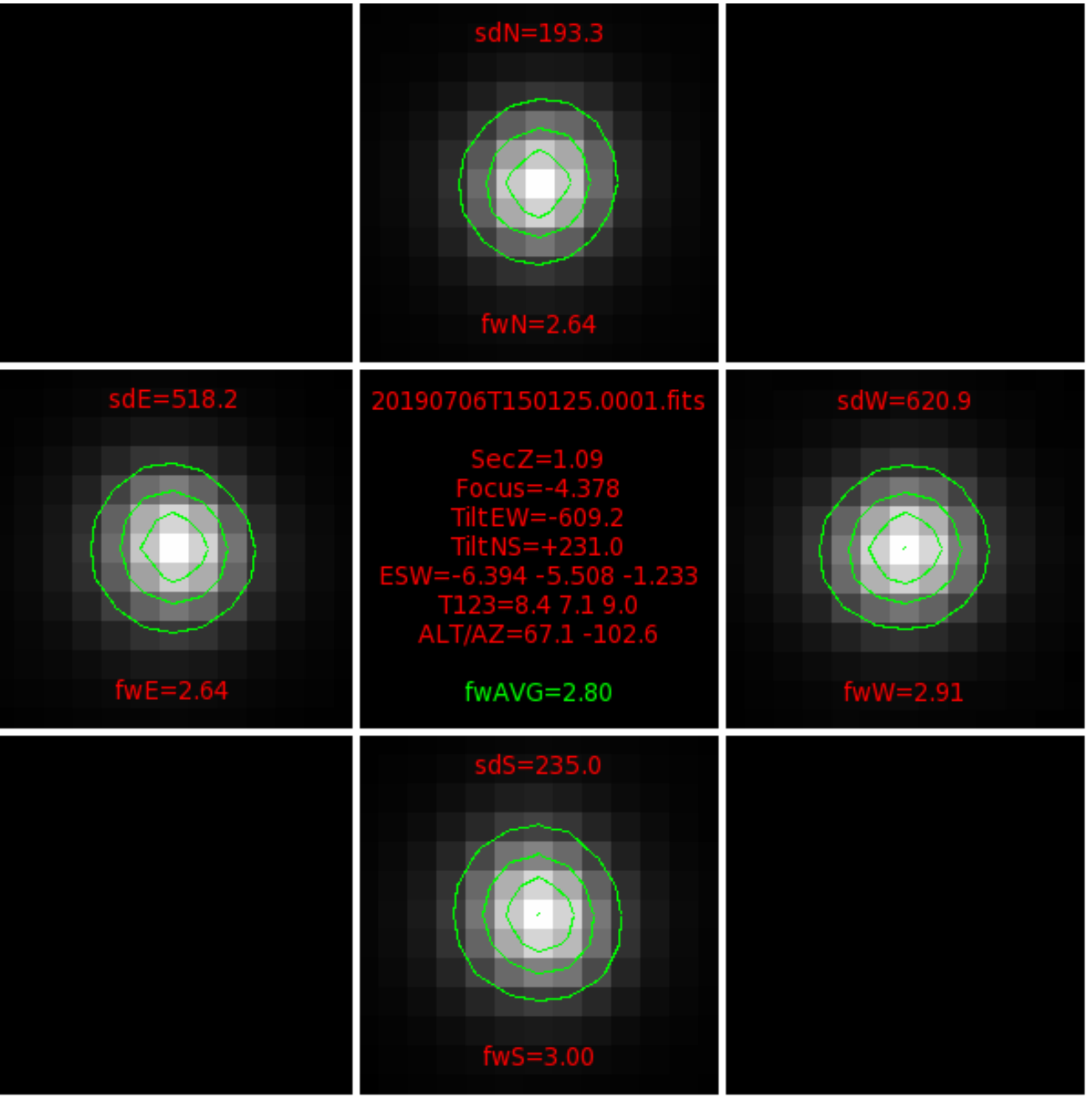
sdN=193.3
fwN=2.64
sdE=518.2
fwE=2.64
20190706T150125.0001.fits
SecZ=1.09
Focus=-4.378
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.394 -5.508 -1.233
T123=8.4 7.1 9.0
ALT/AZ=67.1 -102.6
fwAVG=2.80
sdW=620.9
fwW=2.91
sdS=235.0
fwS=3.00
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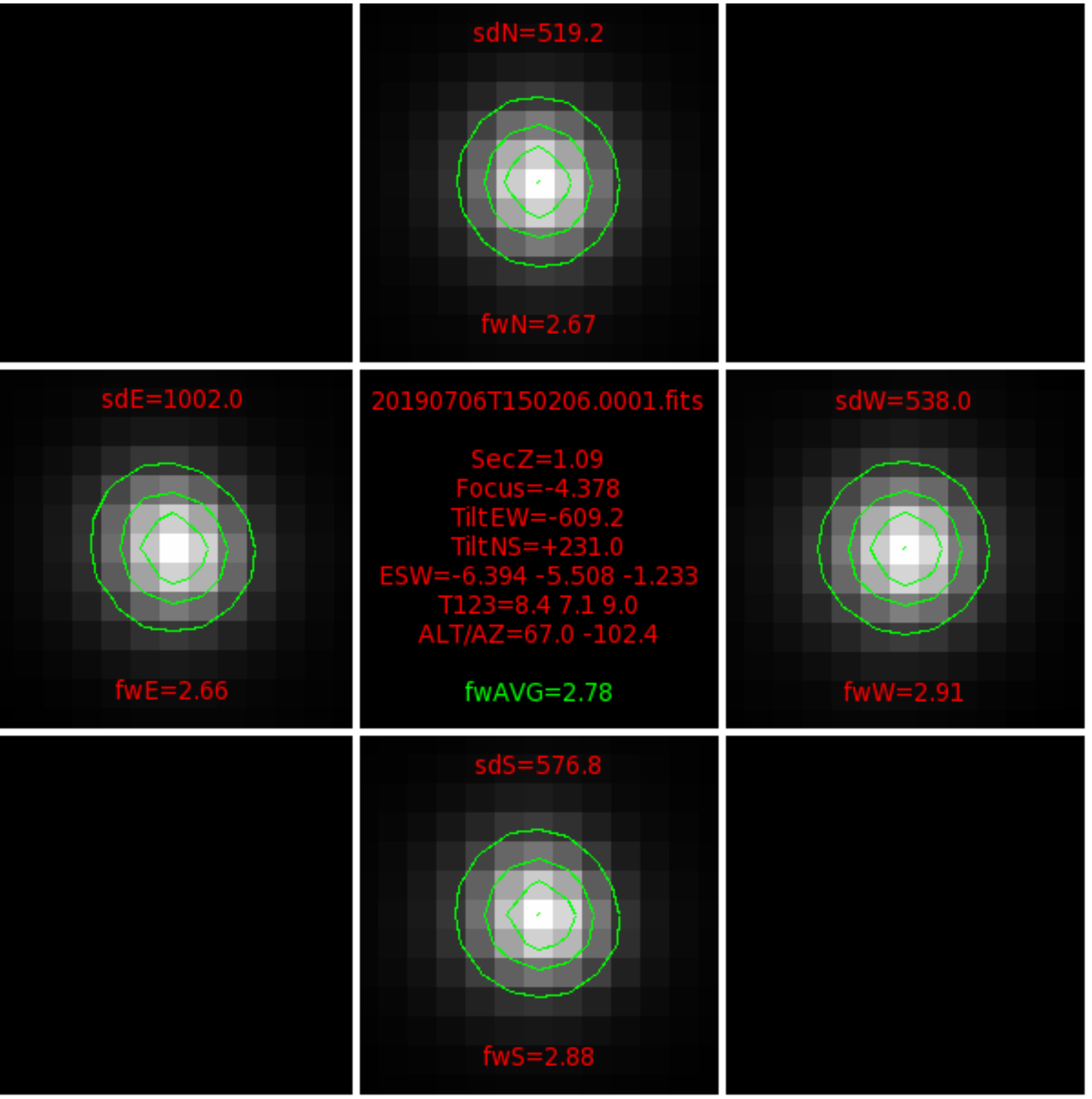
sdN=519.2
fwN=2.67
sdE=1002.0
fwE=2.66
20190706T150206.0001.fits
SecZ=1.09
Focus=-4.378
TiltEW=-609.2
TiltNS=+231.0
ESW=-6.394 -5.508 -1.233
T123=8.4 7.1 9.0
ALT/AZ=67.0 -102.4
fwAVG=2.78
sdW=538.0
fwW=2.91
sdS=576.8
fwS=2.88
0 0 0 0 0 0 0 0 0