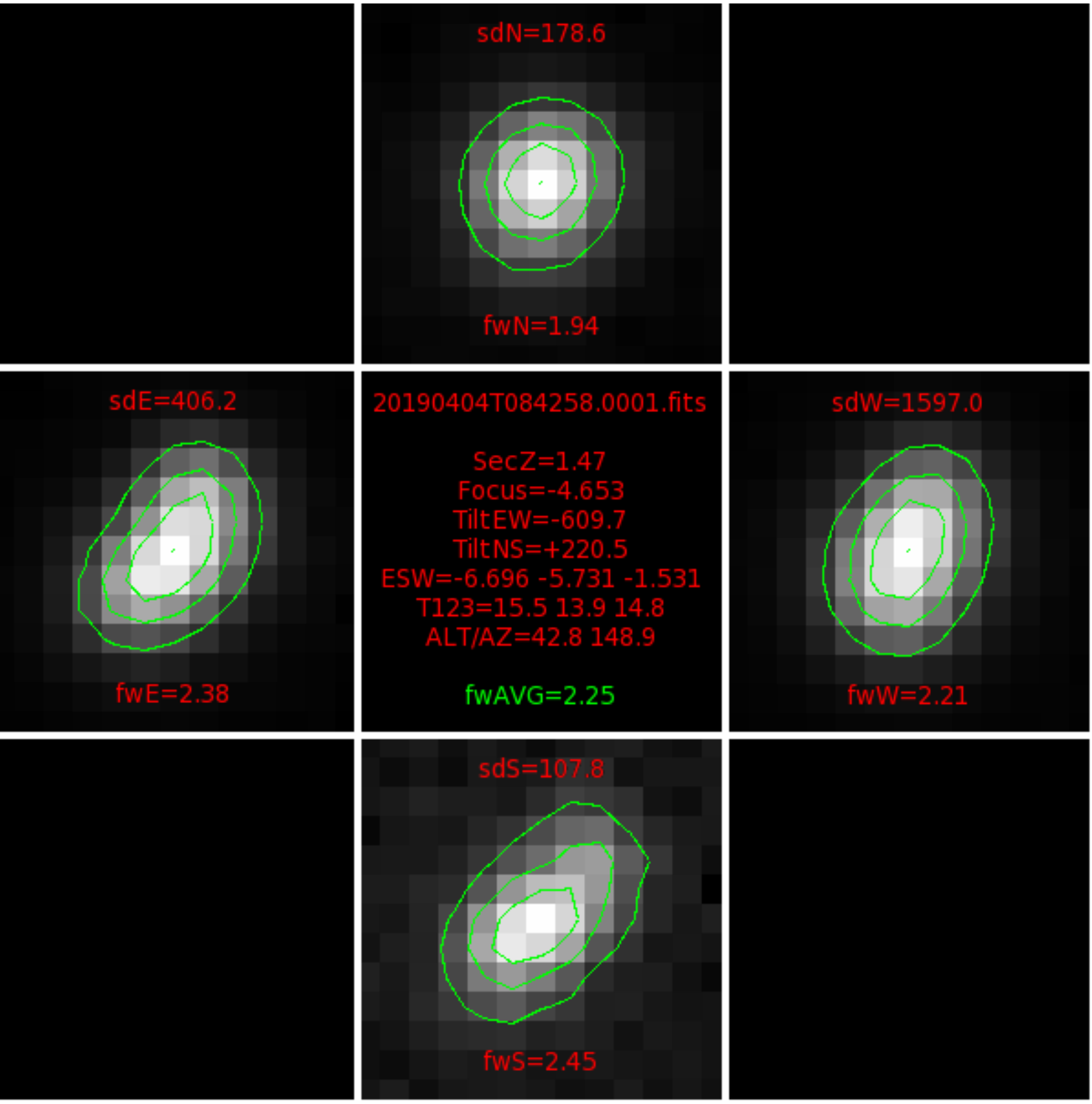
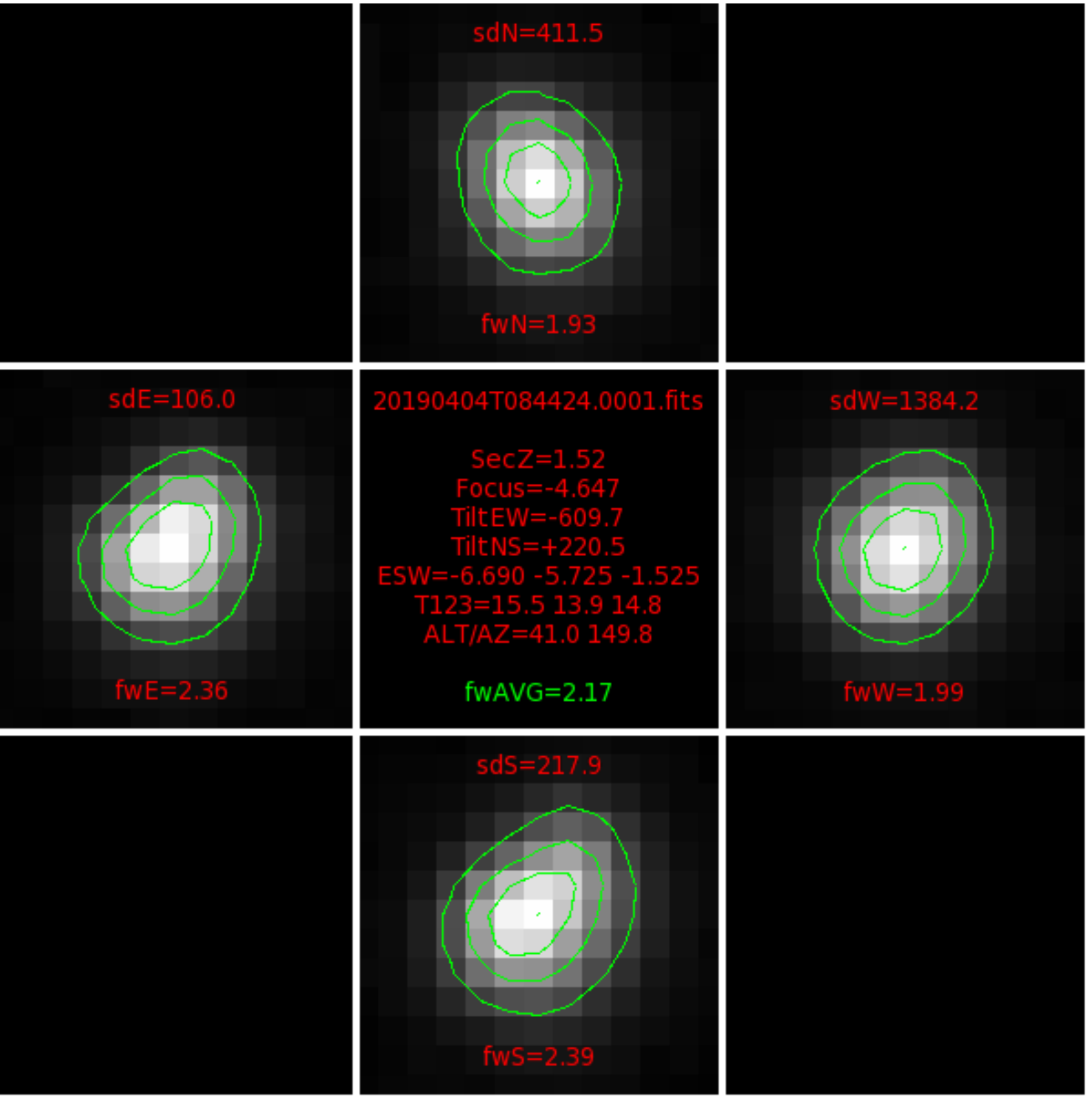
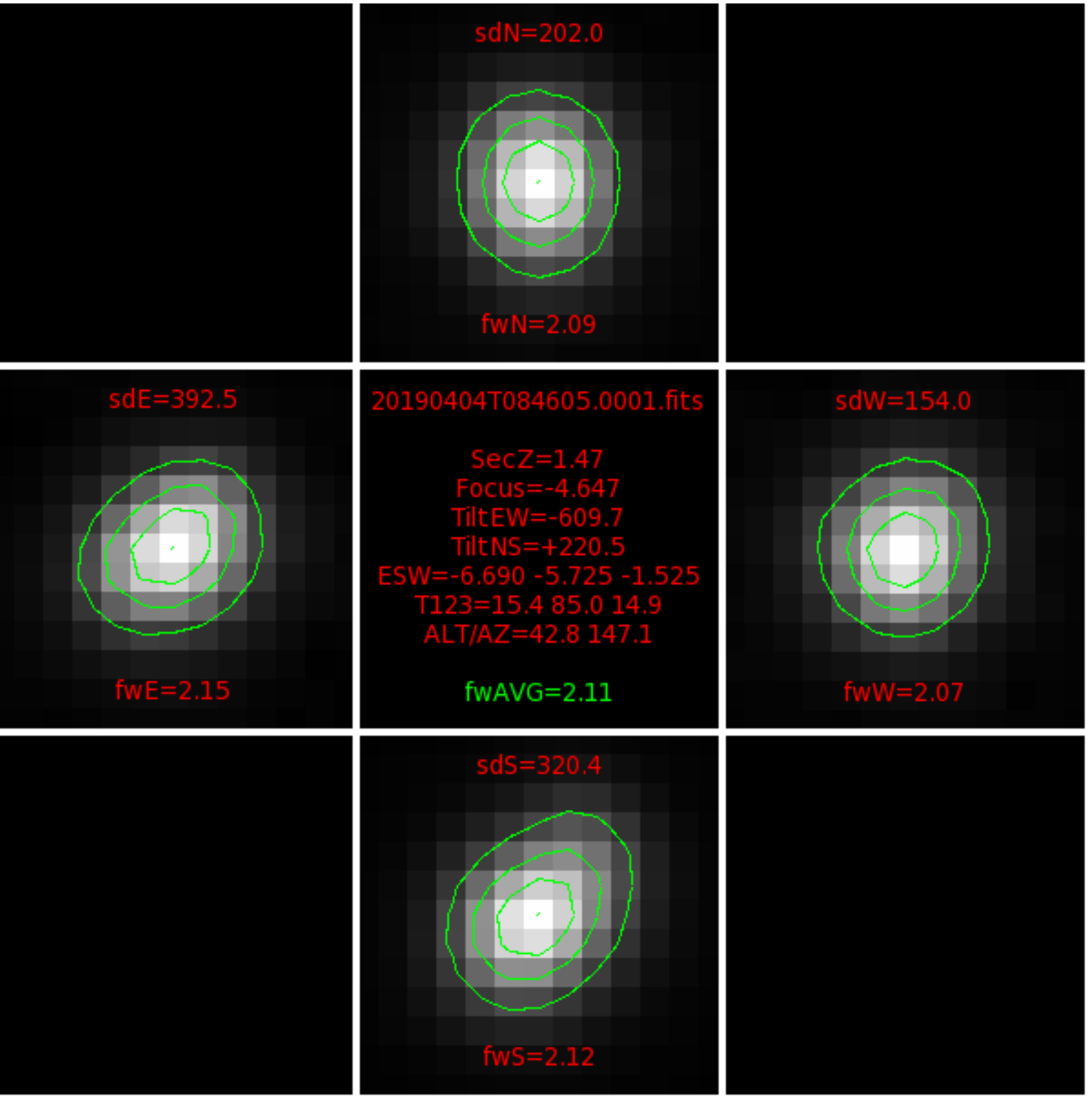
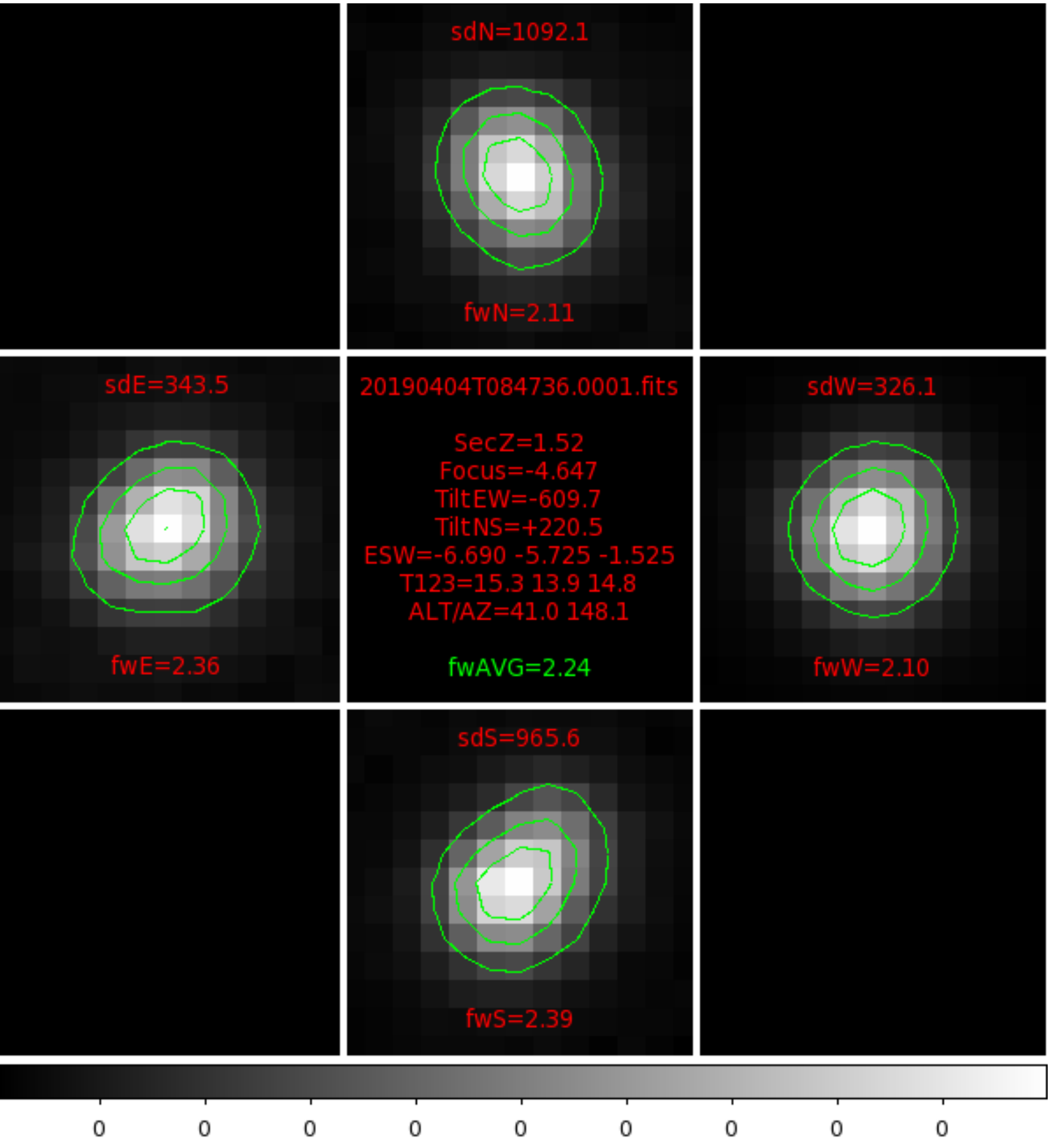
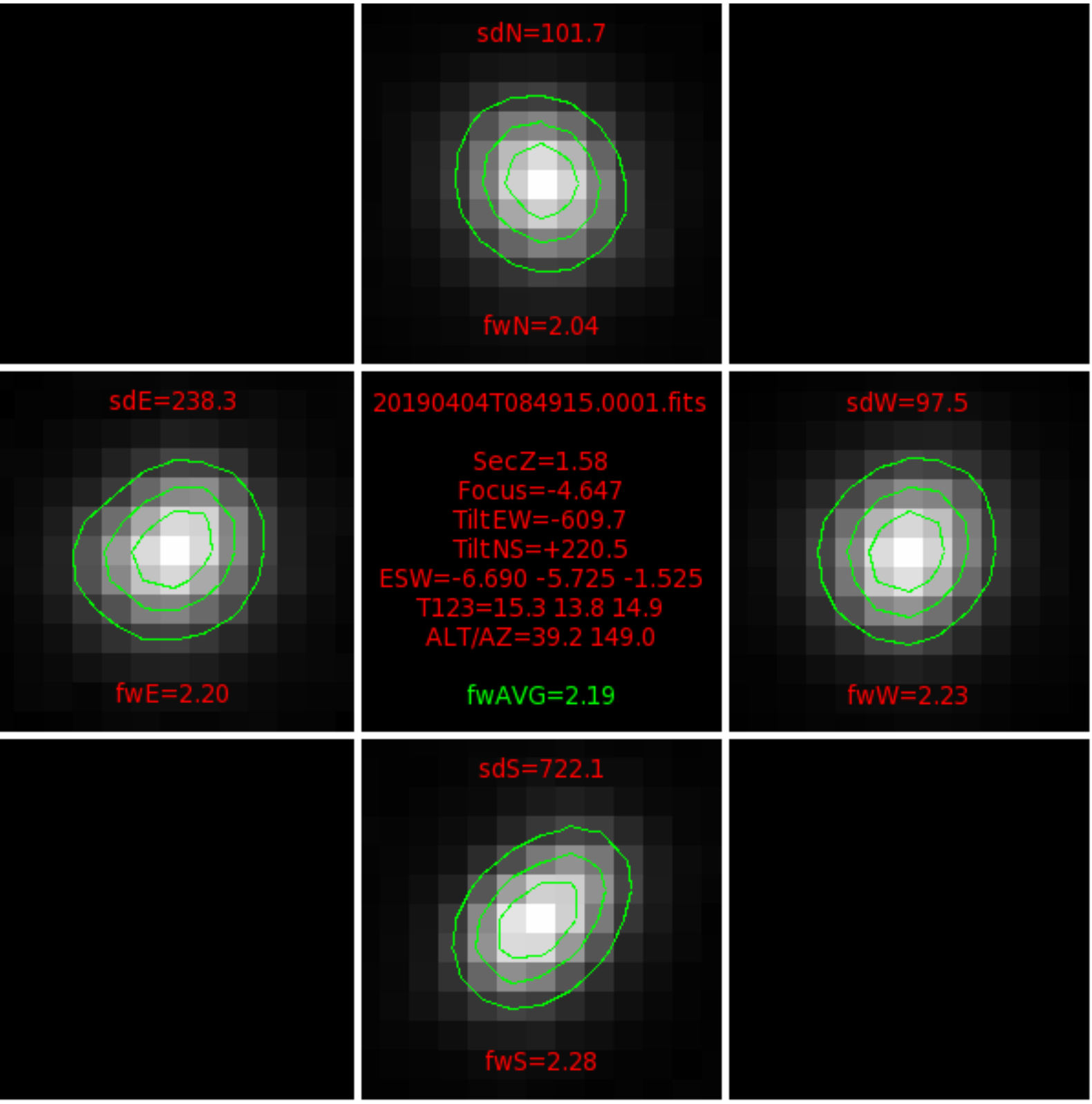
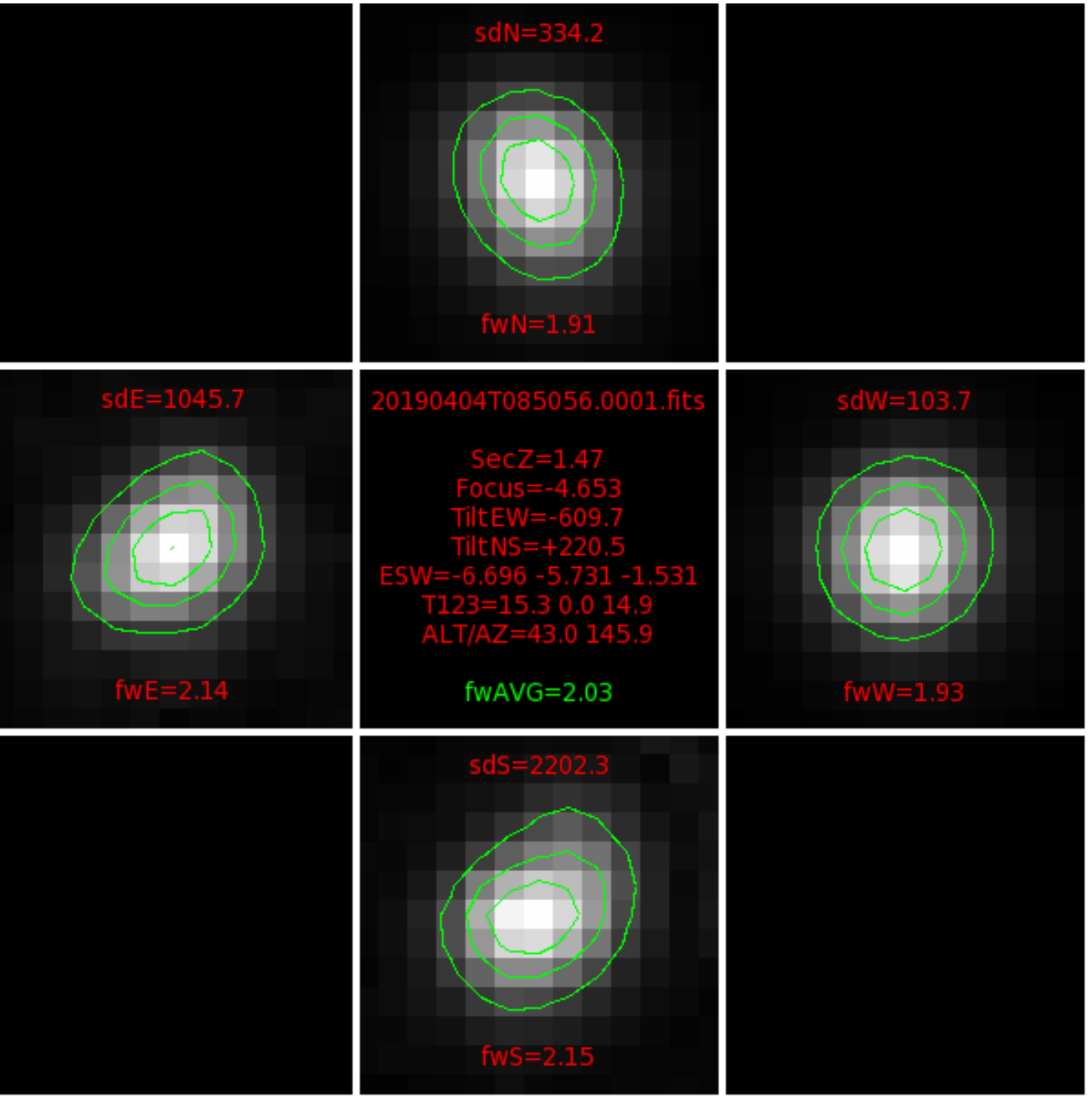

sdN=178.6
fwN=1.94
sdE=406.2
fwE=2.38
20190404T084258.0001.fits
SecZ=1.47
Focus=-4.653
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.696 -5.731 -1.531
T123=15.5 13.9 14.8
ALT/AZ=42.8 148.9
fwAVG=2.25
sdW=1597.0
fwW=2.21
sdS=107.8
fwS=2.45
0 0 0 0 0 0 0 0 0

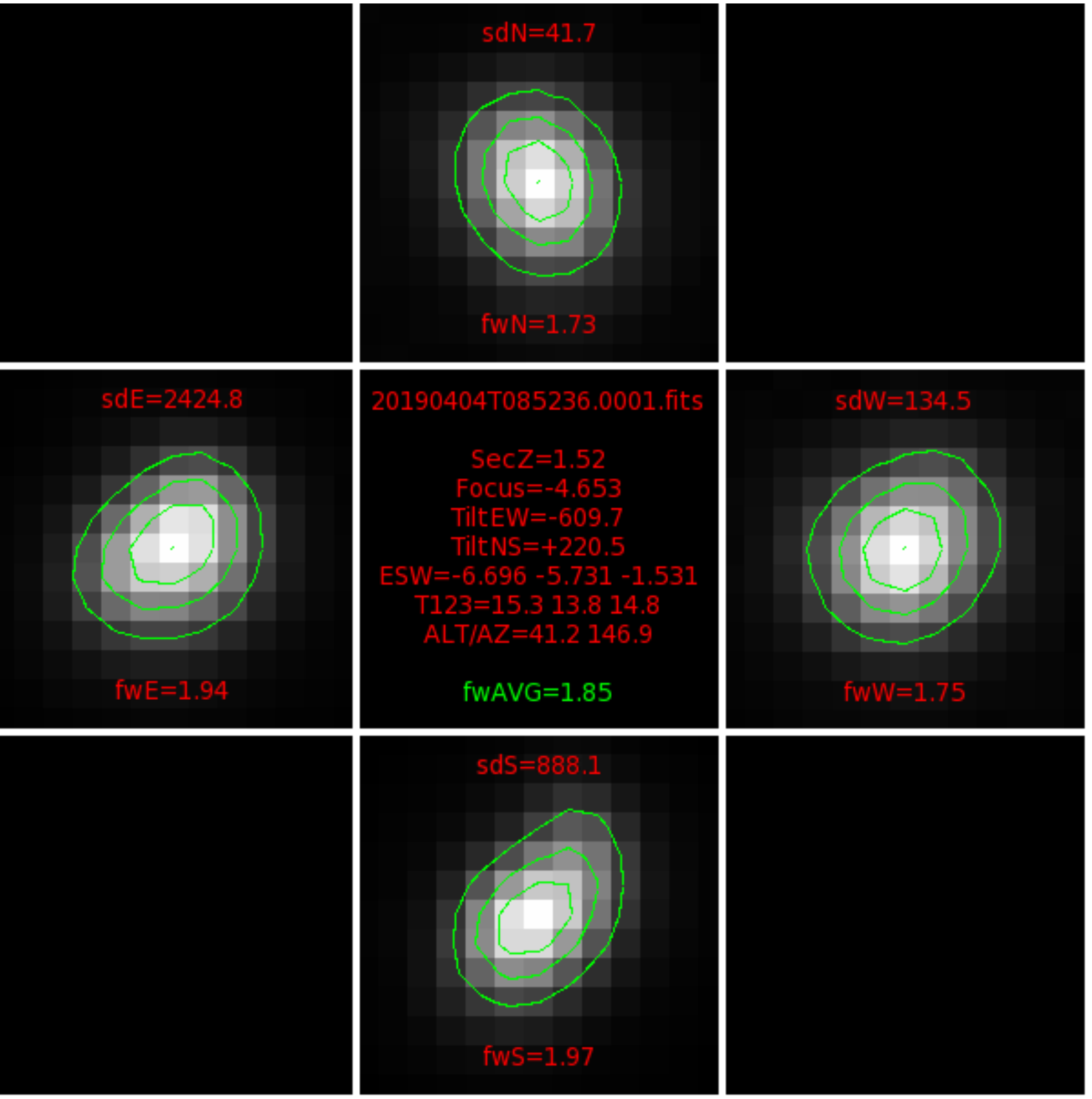

sdN=411.5
fwN=1.93
sdE=106.0
fwE=2.36
20190404T084424.0001.fits
SecZ=1.52
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.5 13.9 14.8
ALT/AZ=41.0 149.8
fwAVG=2.17
sdW=1384.2
fwW=1.99
sdS=217.9
fwS=2.39
0 0 0 0 0 0 0 0 0

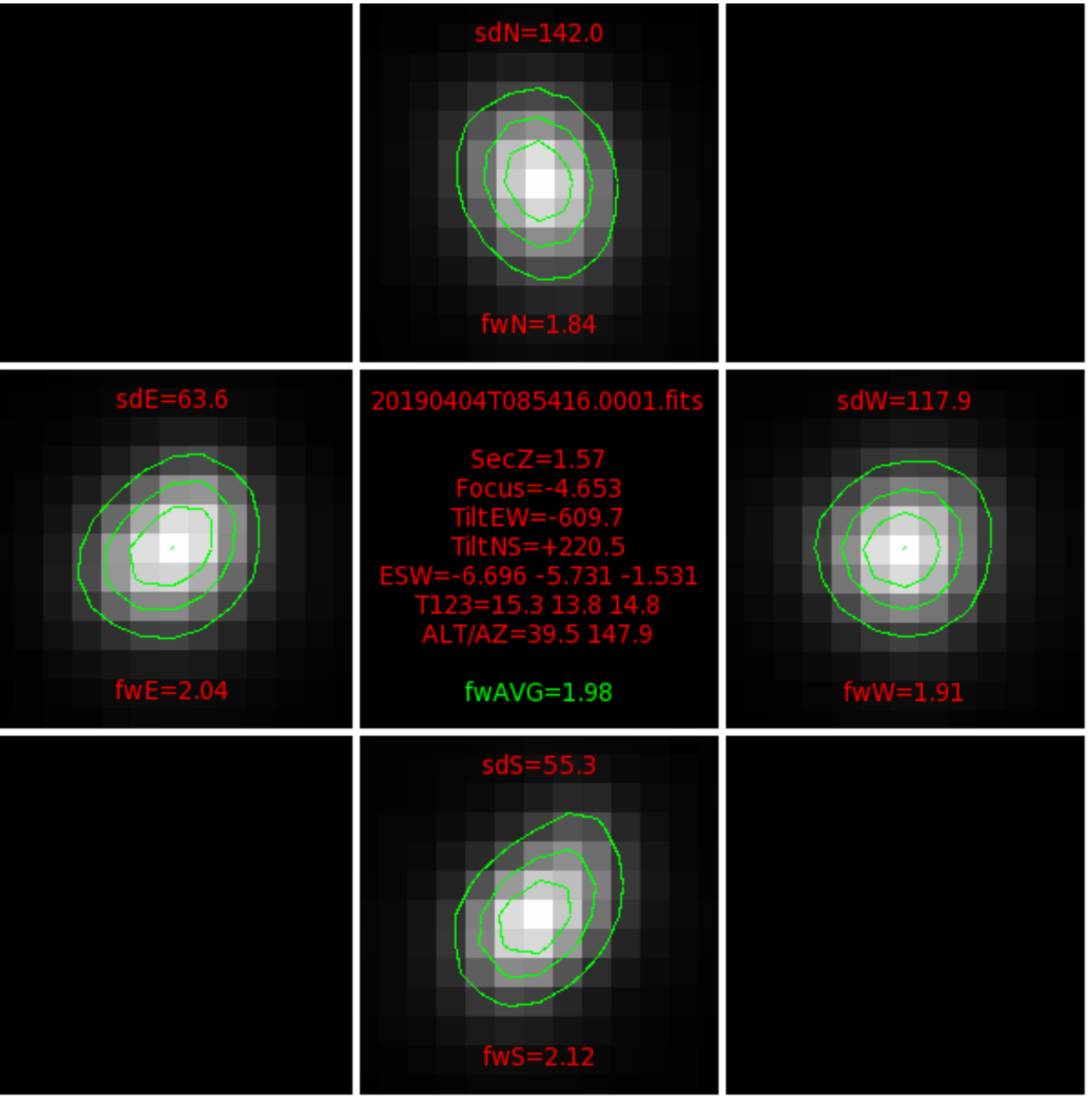

sdN=202.0
fwN=2.09
sdE=392.5
fwE=2.15
20190404T084605.0001.fits
SecZ=1.47
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.4 85.0 14.9
ALT/AZ=42.8 147.1
fwAVG=2.11
sdW=154.0
fwW=2.07
sdS=320.4
fwS=2.12
0 0 0 0 0 0 0 0 0

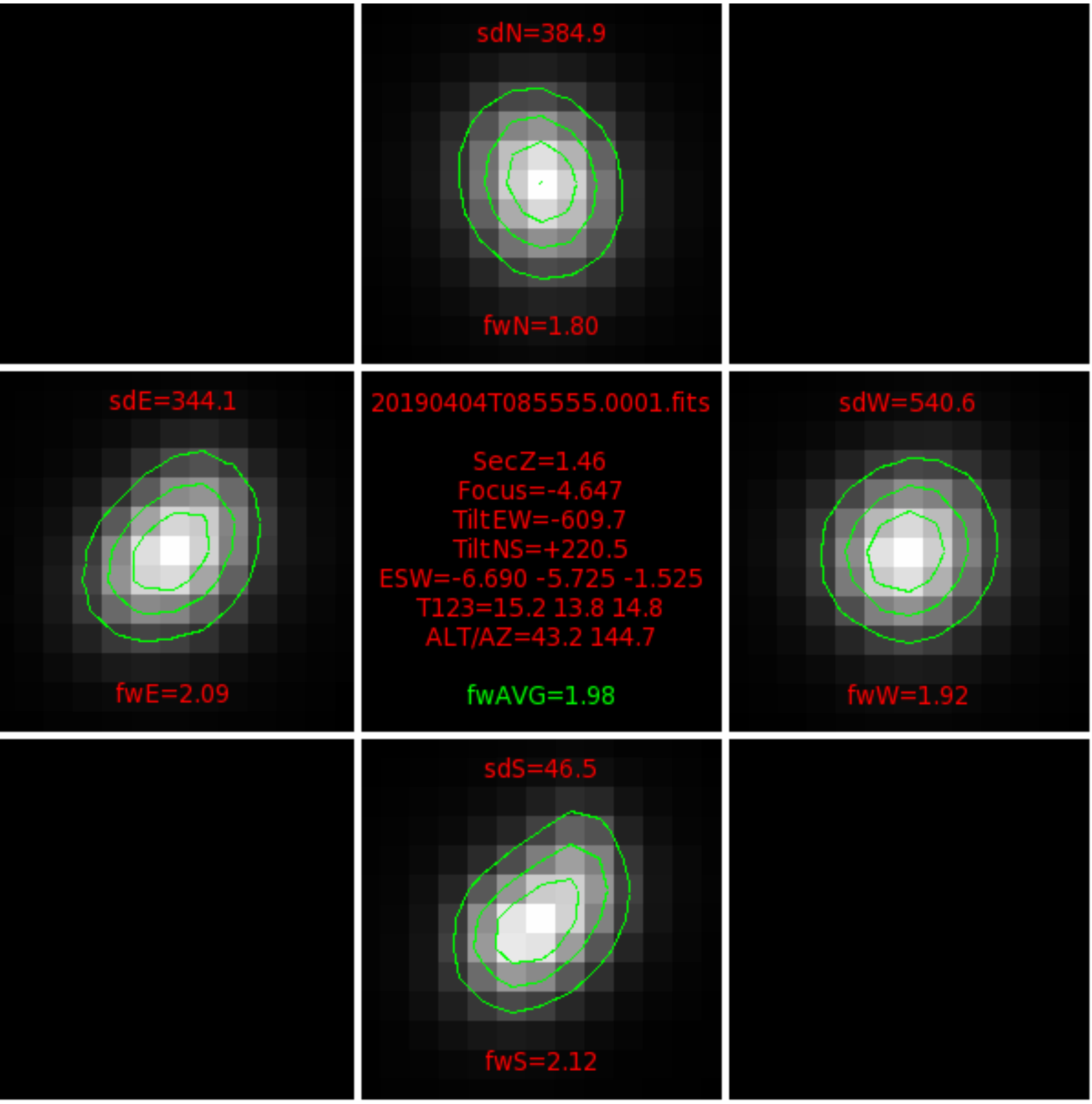

sdN=1092.1
fwN=2.11
sdE=343.5
fwE=2.36
20190404T084736.0001.fits
SecZ=1.52
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.3 13.9 14.8
ALT/AZ=41.0 148.1
fwAVG=2.24
sdW=326.1
fwW=2.10
sdS=965.6
fwS=2.39
0 0 0 0 0 0 0 0 0

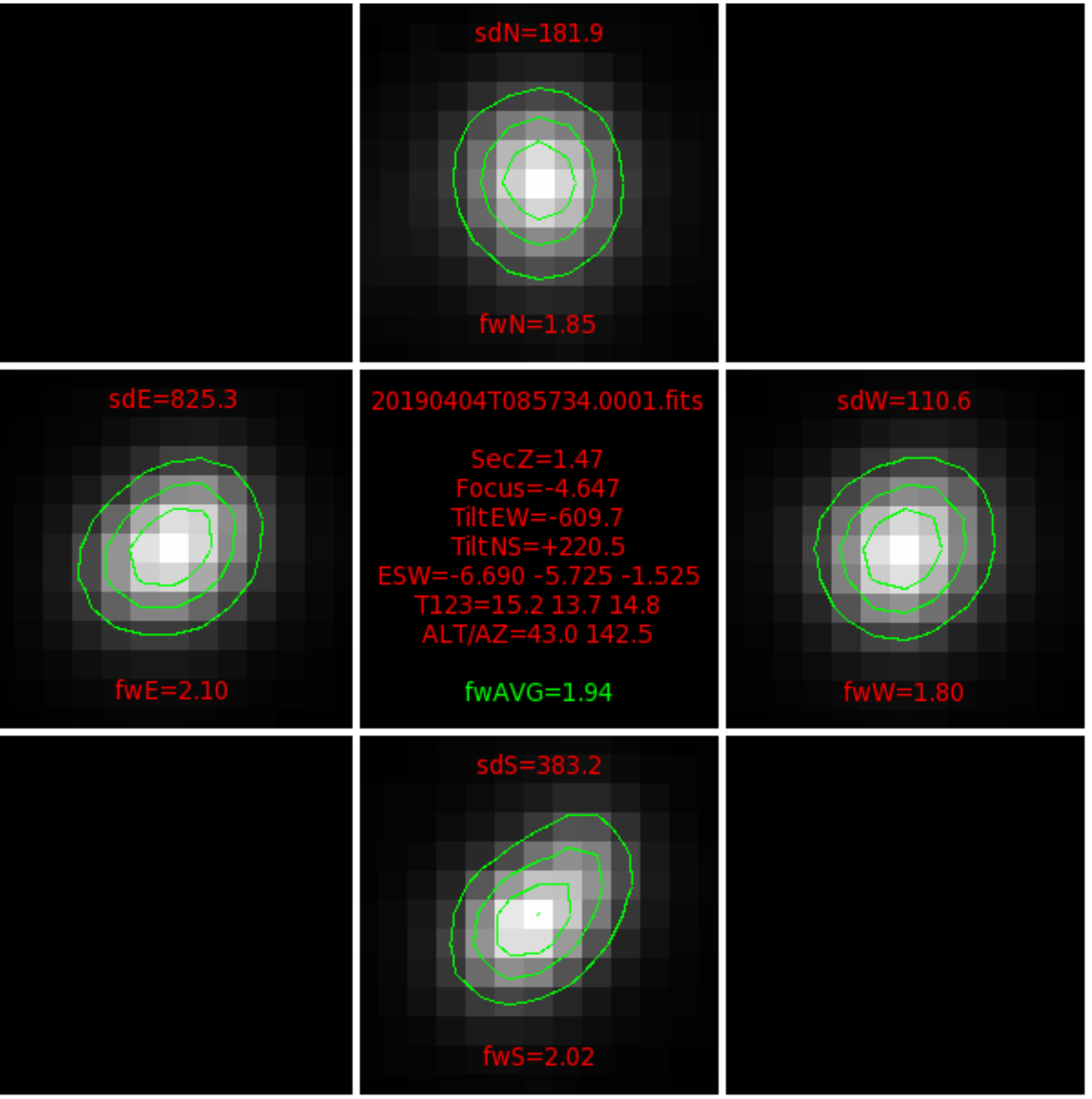

sdN=101.7
fwN=2.04
sdE=238.3
fwE=2.20
20190404T084915.0001.fits
SecZ=1.58
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.3 13.8 14.9
ALT/AZ=39.2 149.0
fwAVG=2.19
sdW=97.5
fwW=2.23
sdS=722.1
fwS=2.28
0 0 0 0 0 0 0 0 0

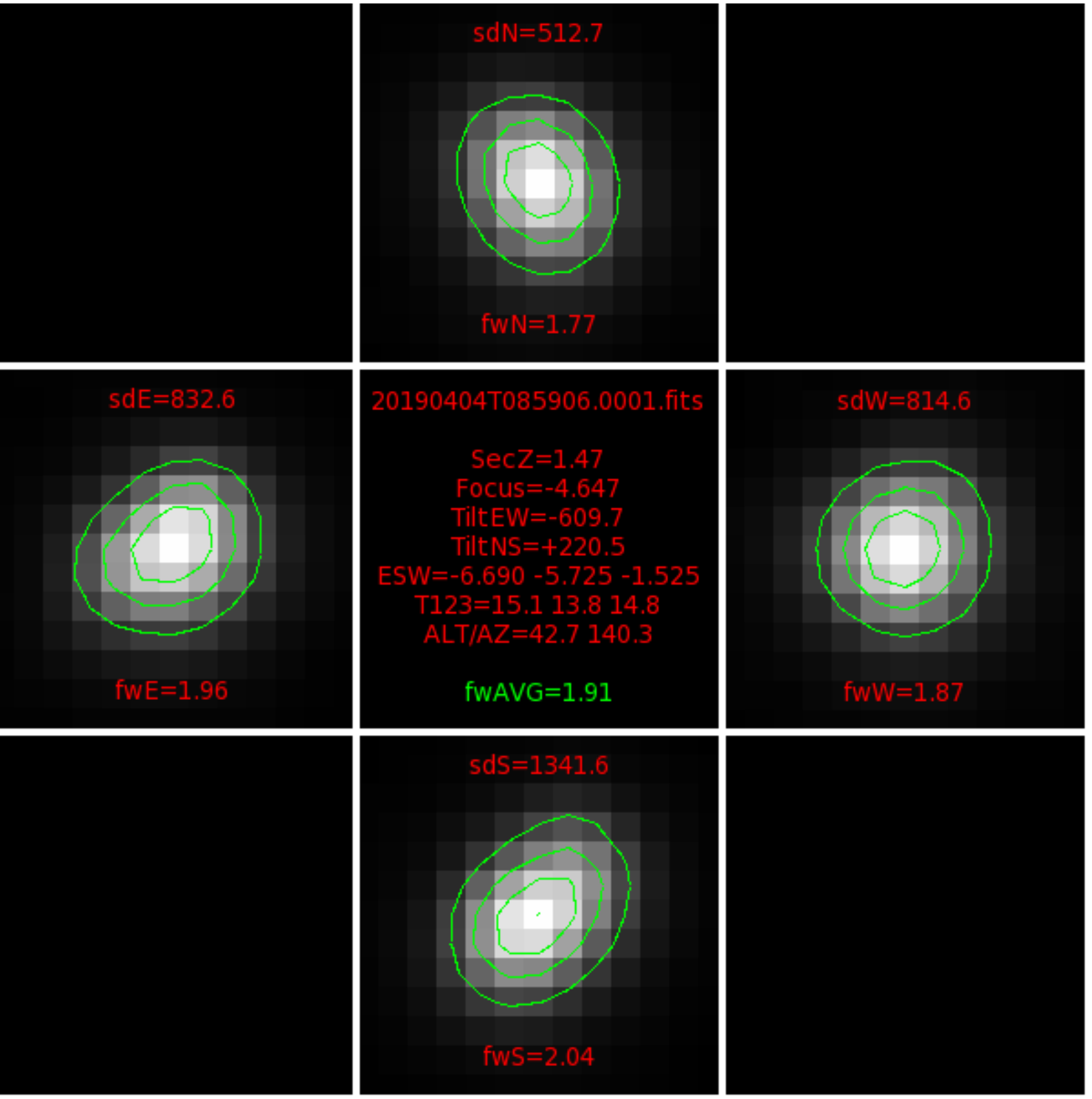

sdN=334.2
fwN=1.91
sdE=1045.7
fwE=2.14
20190404T085056.0001.fits
SecZ=1.47
Focus=-4.653
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.696 -5.731 -1.531
T123=15.3 0.0 14.9
ALT/AZ=43.0 145.9
fwAVG=2.03
sdW=103.7
fwW=1.93
sdS=2202.3
fwS=2.15
0 0 0 0 0 0 0 0 0

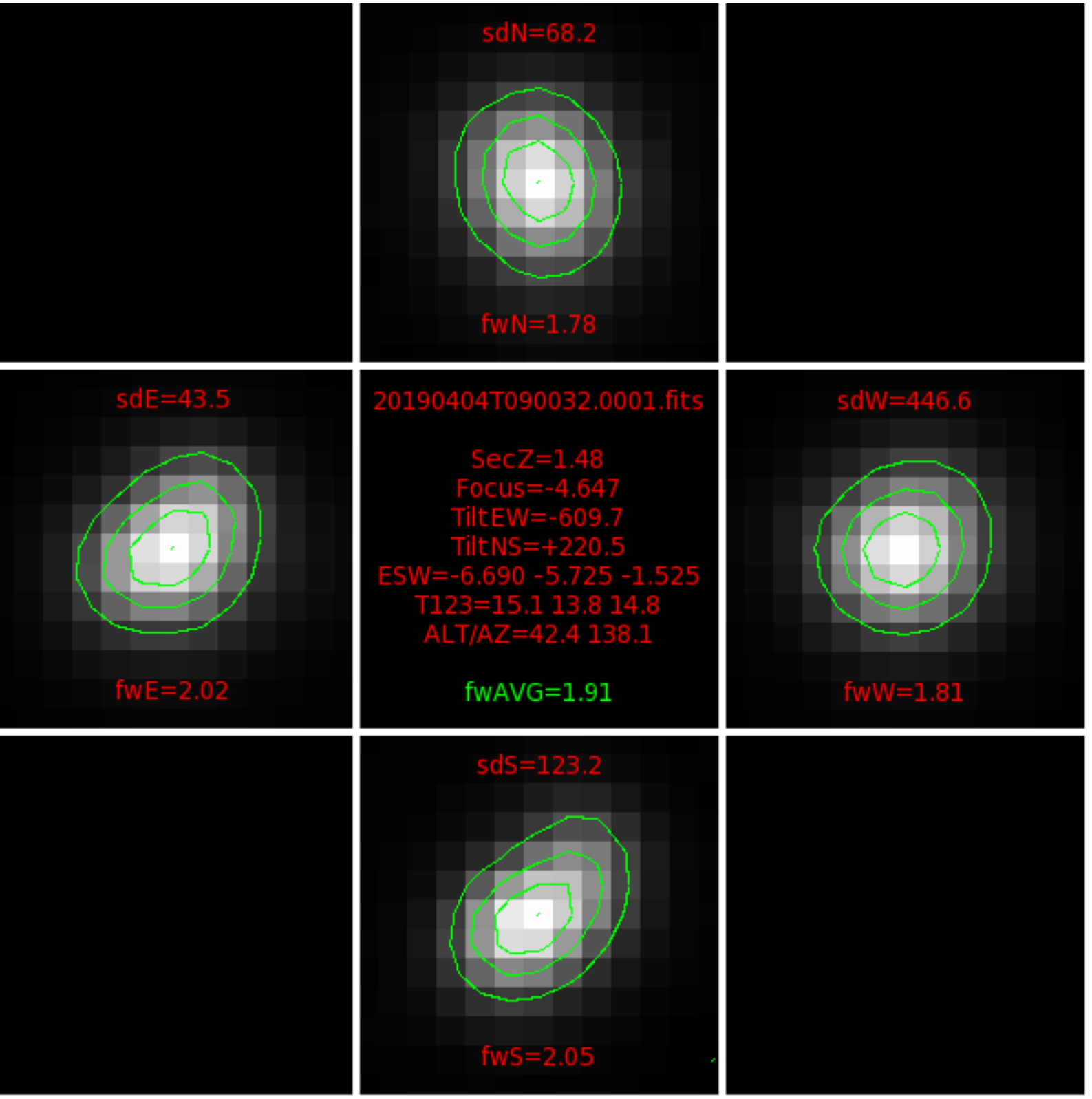

sdN=41.7
fwN=1.73
sdE=2424.8
fwE=1.94
20190404T085236.0001.fits
SecZ=1.52
Focus=-4.653
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.696 -5.731 -1.531
T123=15.3 13.8 14.8
ALT/AZ=41.2 146.9
fwAVG=1.85
sdW=134.5
fwW=1.75
sdS=888.1
fwS=1.97
0 0 0 0 0 0 0 0 0

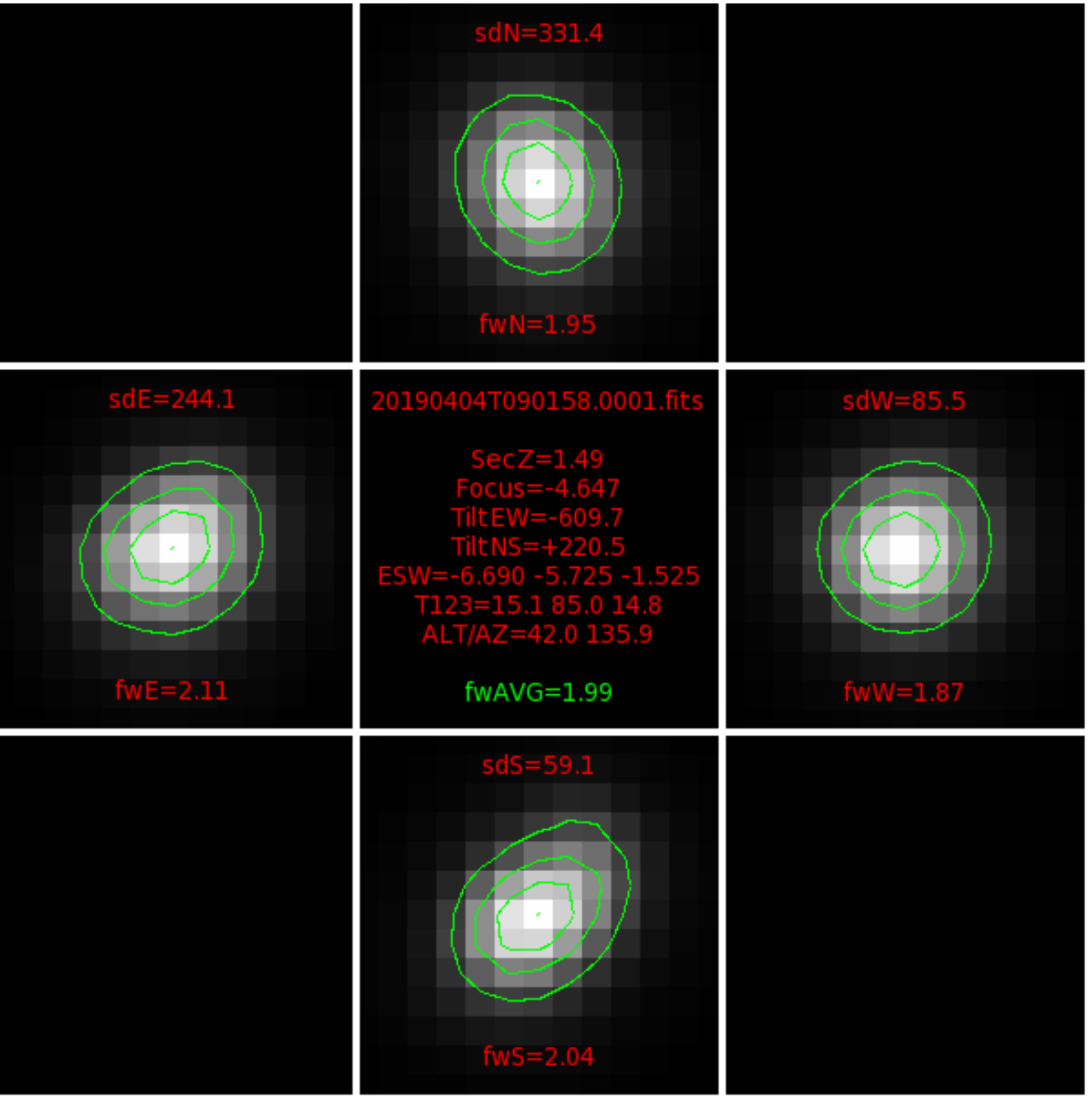

sdN=142.0
fwN=1.84
sdE=63.6
fwE=2.04
20190404T085416.0001.fits
SecZ=1.57
Focus=-4.653
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.696 -5.731 -1.531
T123=15.3 13.8 14.8
ALT/AZ=39.5 147.9
fwAVG=1.98
sdW=117.9
fwW=1.91
sdS=55.3
fwS=2.12
0 0 0 0 0 0 0 0 0

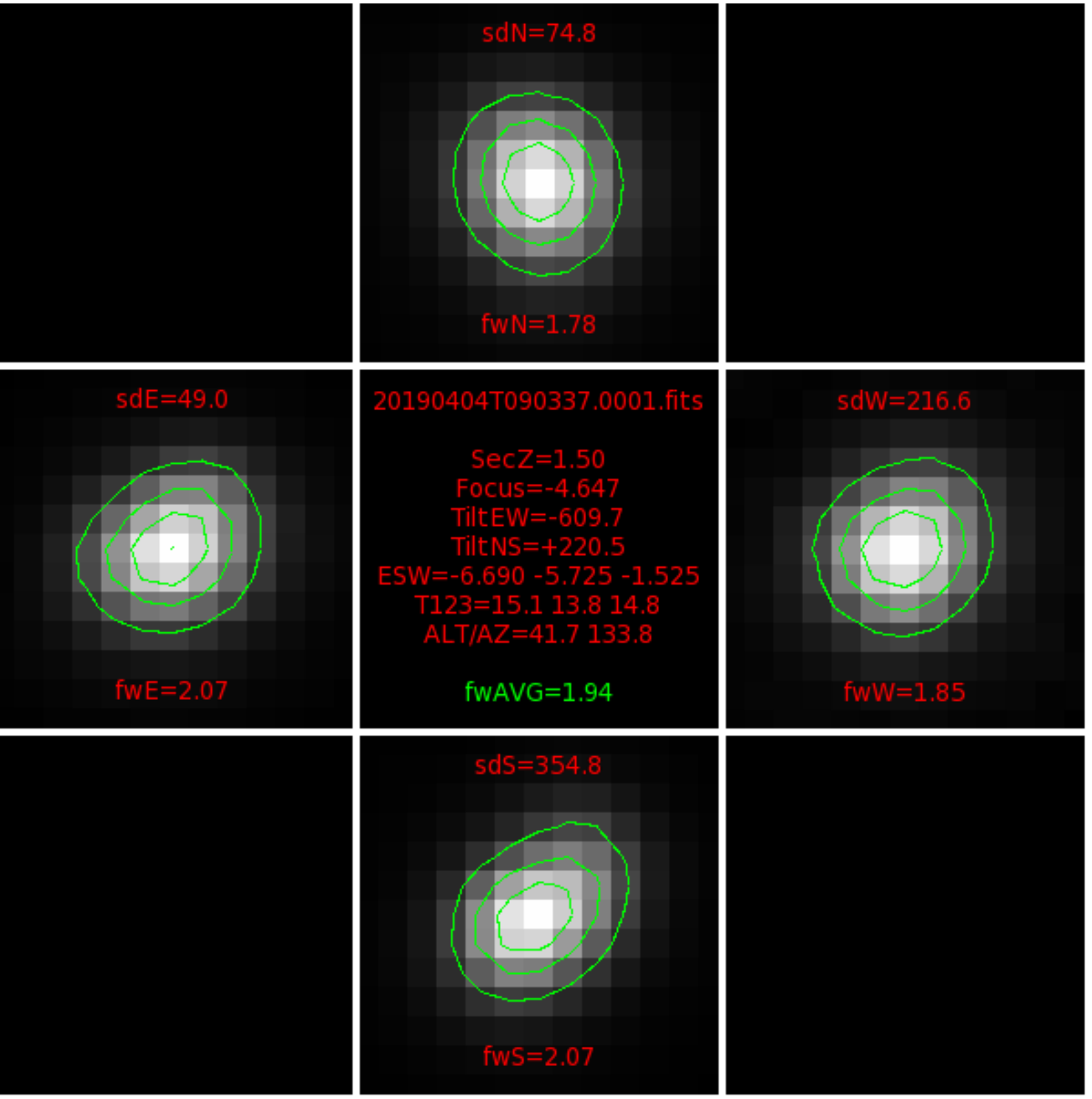

sdN=384.9
fwN=1.80
sdE=344.1
fwE=2.09
20190404T085555.0001.fits
SecZ=1.46
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.2 13.8 14.8
ALT/AZ=43.2 144.7
fwAVG=1.98
sdW=540.6
fwW=1.92
sdS=46.5
fwS=2.12
0 0 0 0 0 0 0 0 0

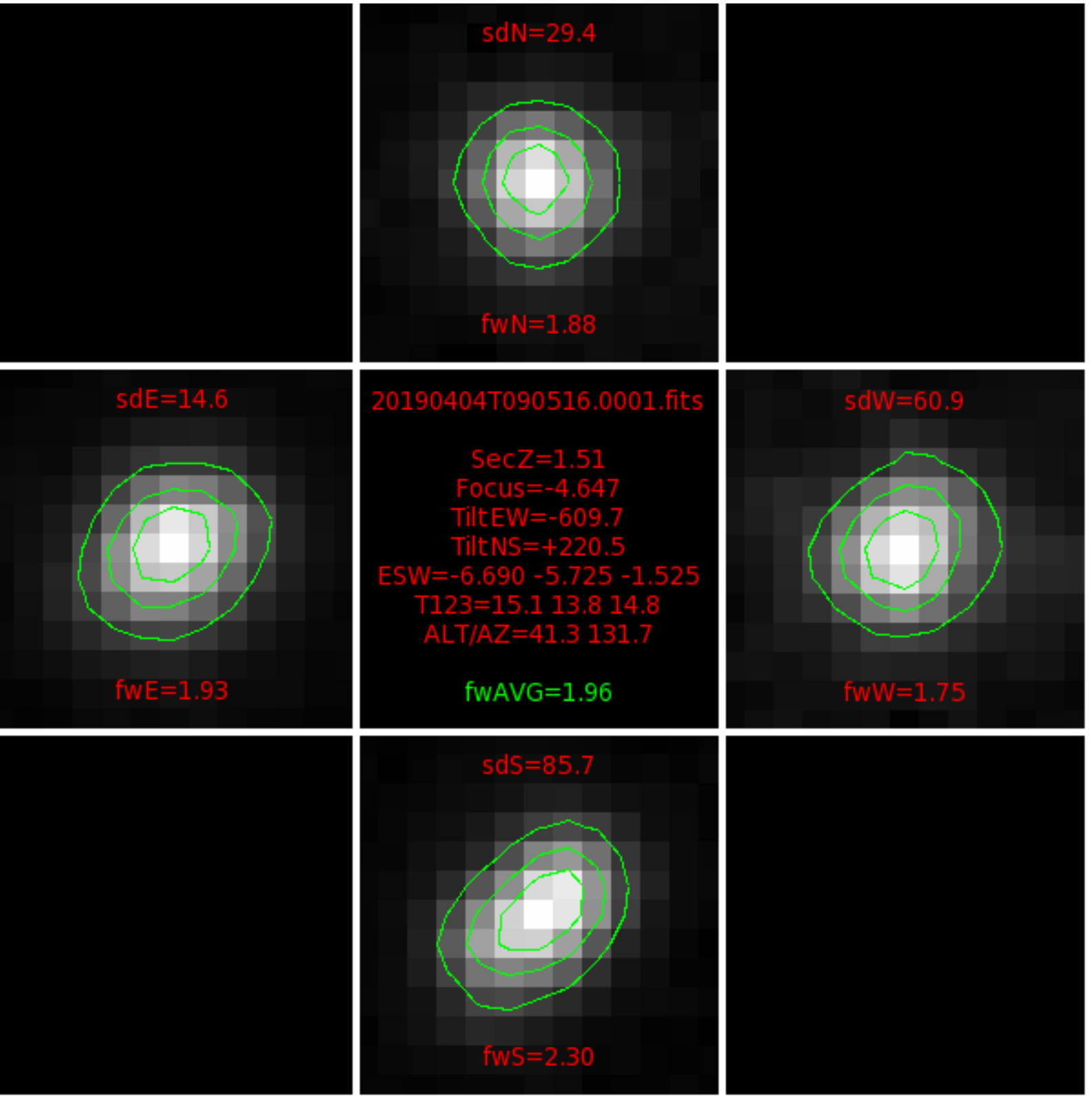

sdN=181.9
fwN=1.85
sdE=825.3
fwE=2.10
20190404T085734.0001.fits
SecZ=1.47
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.2 13.7 14.8
ALT/AZ=43.0 142.5
fwAVG=1.94
sdW=110.6
fwW=1.80
sdS=383.2
fwS=2.02
0 0 0 0 0 0 0 0 0

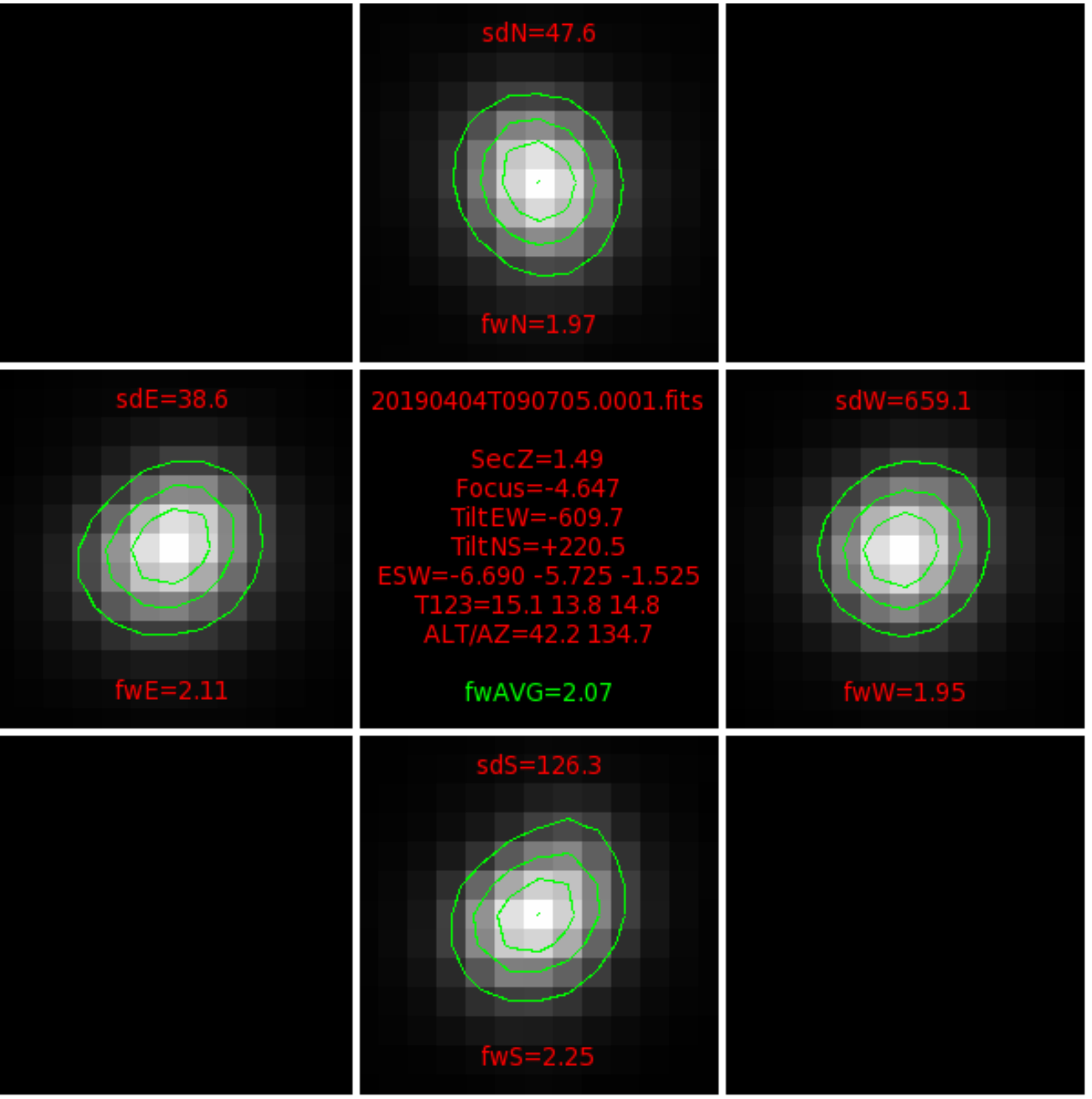

sdN=512.7
fwN=1.77
sdE=832.6
fwE=1.96
20190404T085906.0001.fits
SecZ=1.47
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.1 13.8 14.8
ALT/AZ=42.7 140.3
fwAVG=1.91
sdW=814.6
fwW=1.87
sdS=1341.6
fwS=2.04
0 0 0 0 0 0 0 0 0

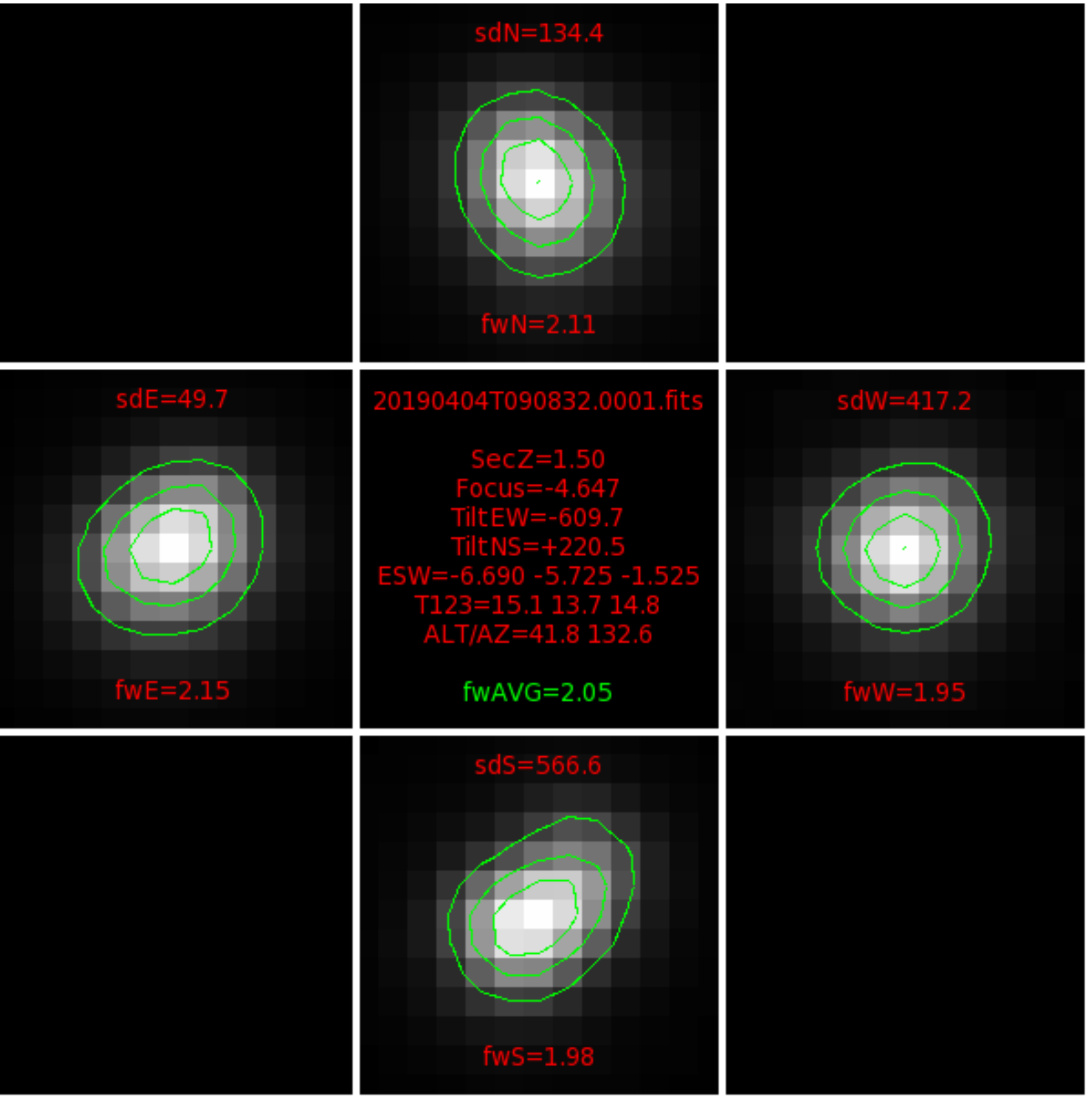

sdN=68.2
fwN=1.78
sdE=43.5
fwE=2.02
20190404T090032.0001.fits
SecZ=1.48
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.1 13.8 14.8
ALT/AZ=42.4 138.1
fwAVG=1.91
sdW=446.6
fwW=1.81
sdS=123.2
fwS=2.05
0 0 0 0 0 0 0 0 0

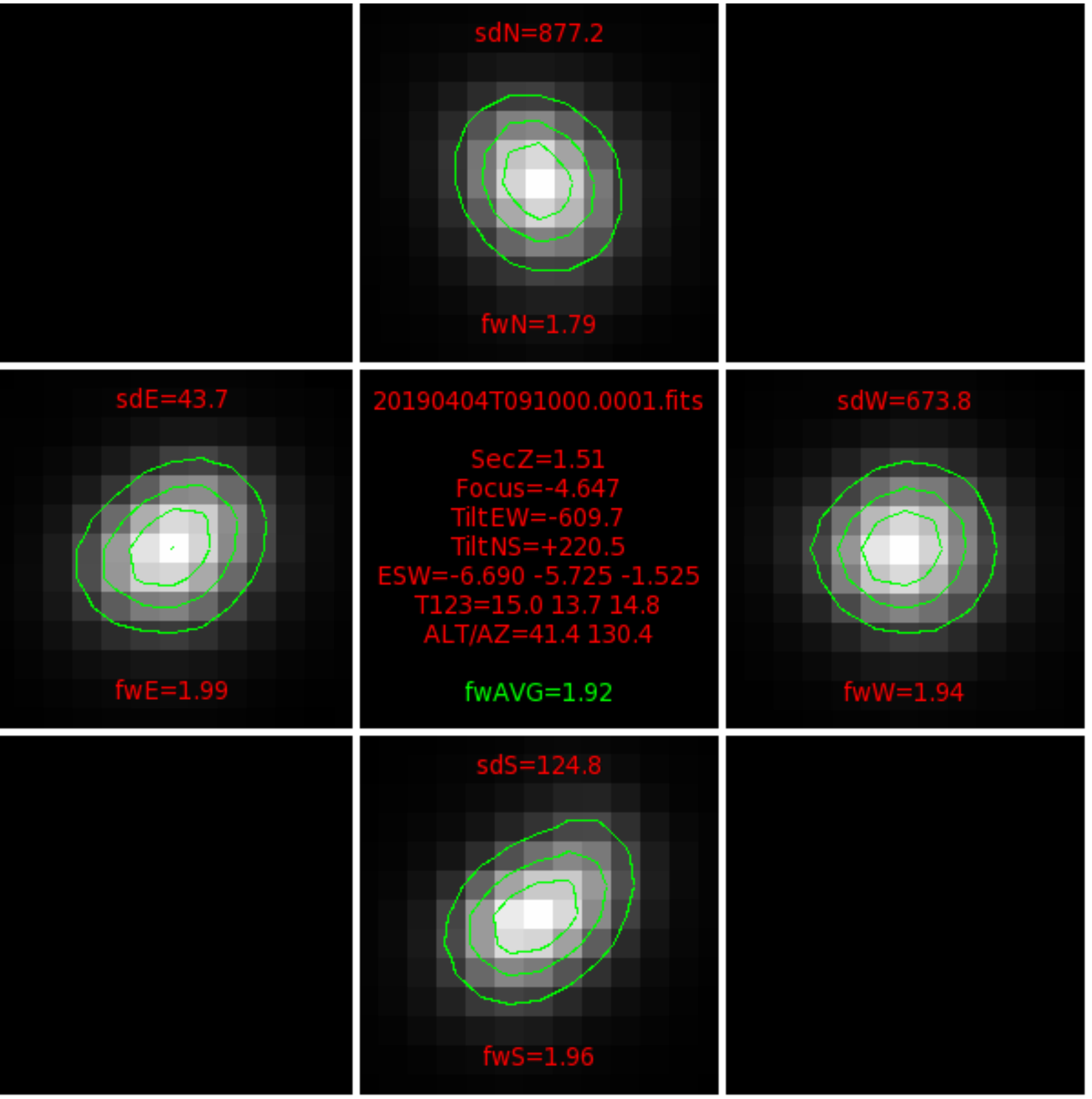

sdN=331.4
fwN=1.95
sdE=244.1
fwE=2.11
20190404T090158.0001.fits
SecZ=1.49
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.1 85.0 14.8
ALT/AZ=42.0 135.9
fwAVG=1.99
sdW=85.5
fwW=1.87
sdS=59.1
fwS=2.04
0 0 0 0 0 0 0 0 0

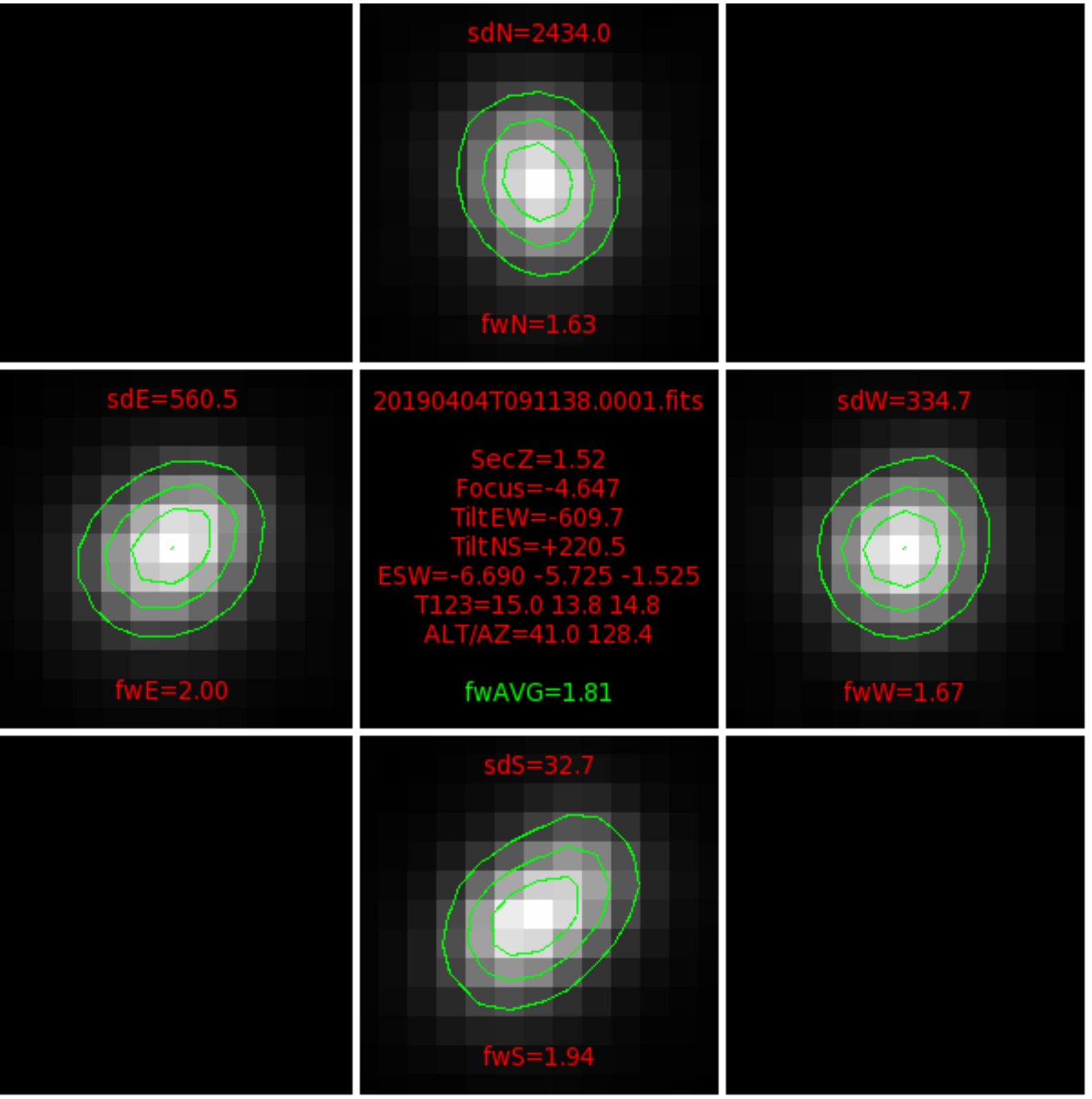

sdN=74.8
fwN=1.78
sdE=49.0
fwE=2.07
20190404T090337.0001.fits
SecZ=1.50
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.1 13.8 14.8
ALT/AZ=41.7 133.8
fwAVG=1.94
sdW=216.6
fwW=1.85
sdS=354.8
fwS=2.07
0 0 0 0 0 0 0 0 0

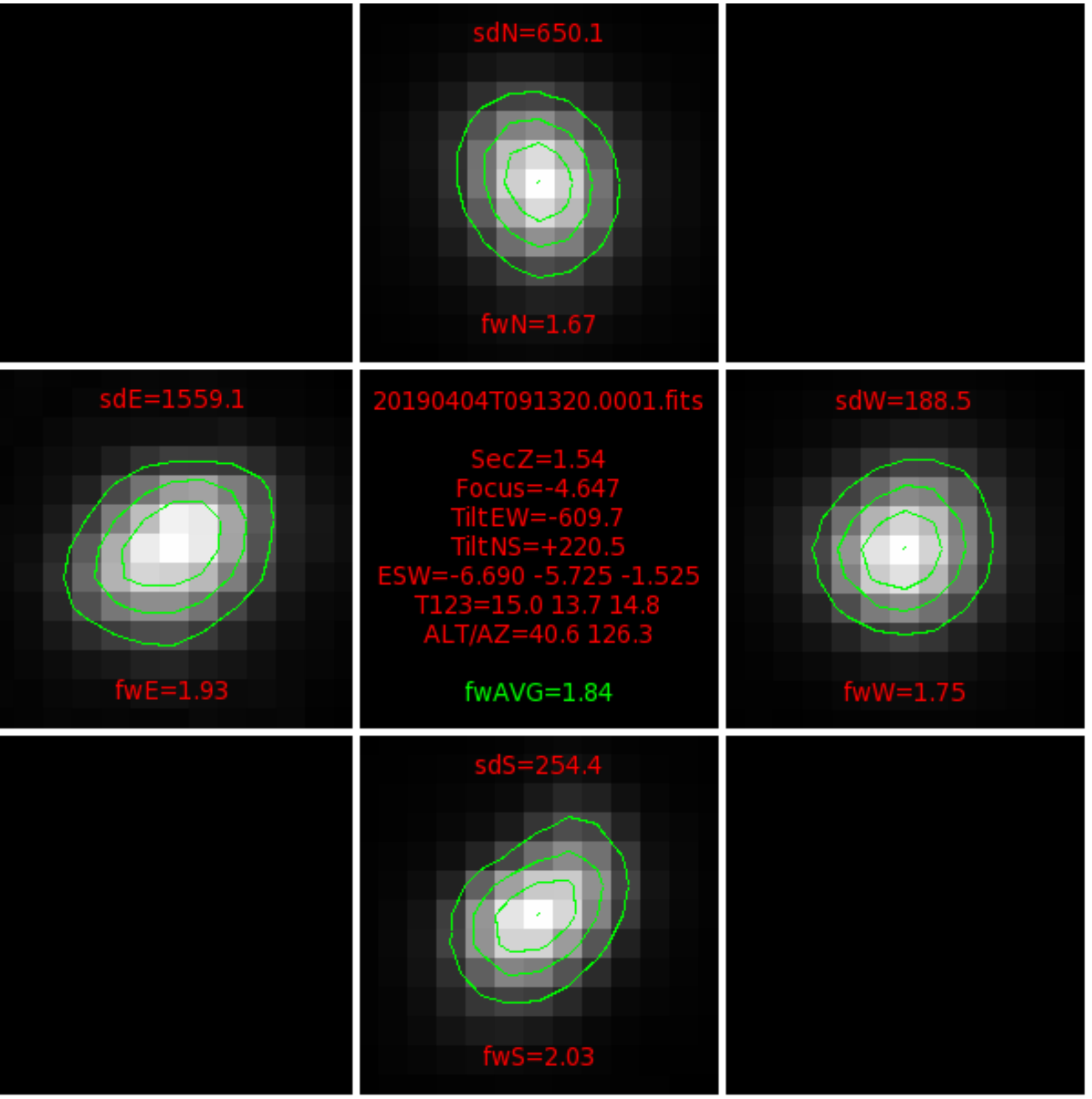

sdN=29.4
fwN=1.88
sdE=14.6
fwE=1.93
20190404T090516.0001.fits
SecZ=1.51
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.1 13.8 14.8
ALT/AZ=41.3 131.7
fwAVG=1.96
sdW=60.9
fwW=1.75
sdS=85.7
fwS=2.30
0 0 0 0 0 0 0 0 0

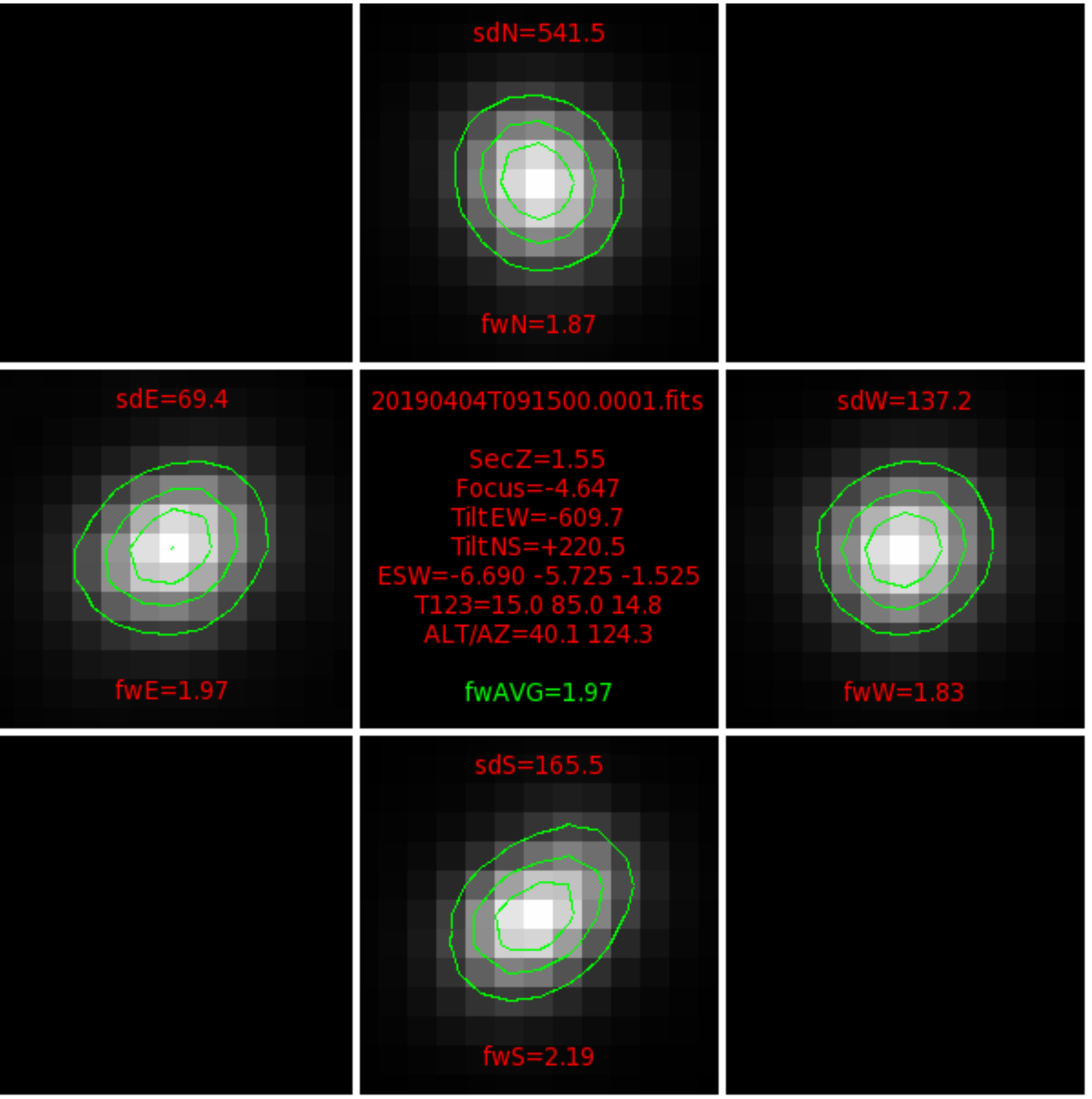

sdN=47.6
fwN=1.97
sdE=38.6
fwE=2.11
20190404T090705.0001.fits
SecZ=1.49
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.1 13.8 14.8
ALT/AZ=42.2 134.7
fwAVG=2.07
sdW=659.1
fwW=1.95
sdS=126.3
fwS=2.25
0 0 0 0 0 0 0 0 0

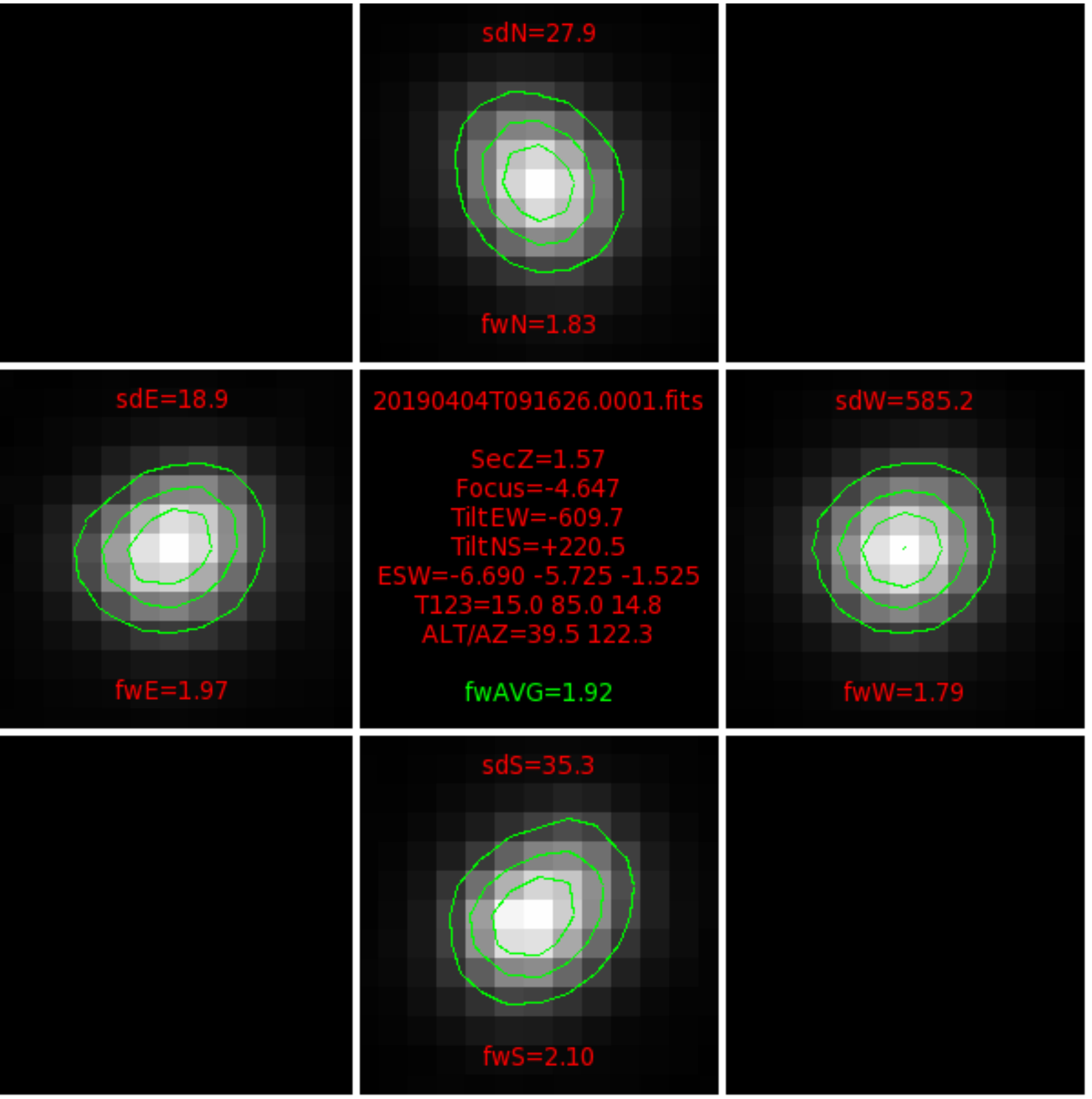

sdN=134.4
fwN=2.11
sdE=49.7
fwE=2.15
20190404T090832.0001.fits
SecZ=1.50
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.1 13.7 14.8
ALT/AZ=41.8 132.6
fwAVG=2.05
sdW=417.2
fwW=1.95
sdS=566.6
fwS=1.98
0 0 0 0 0 0 0 0 0

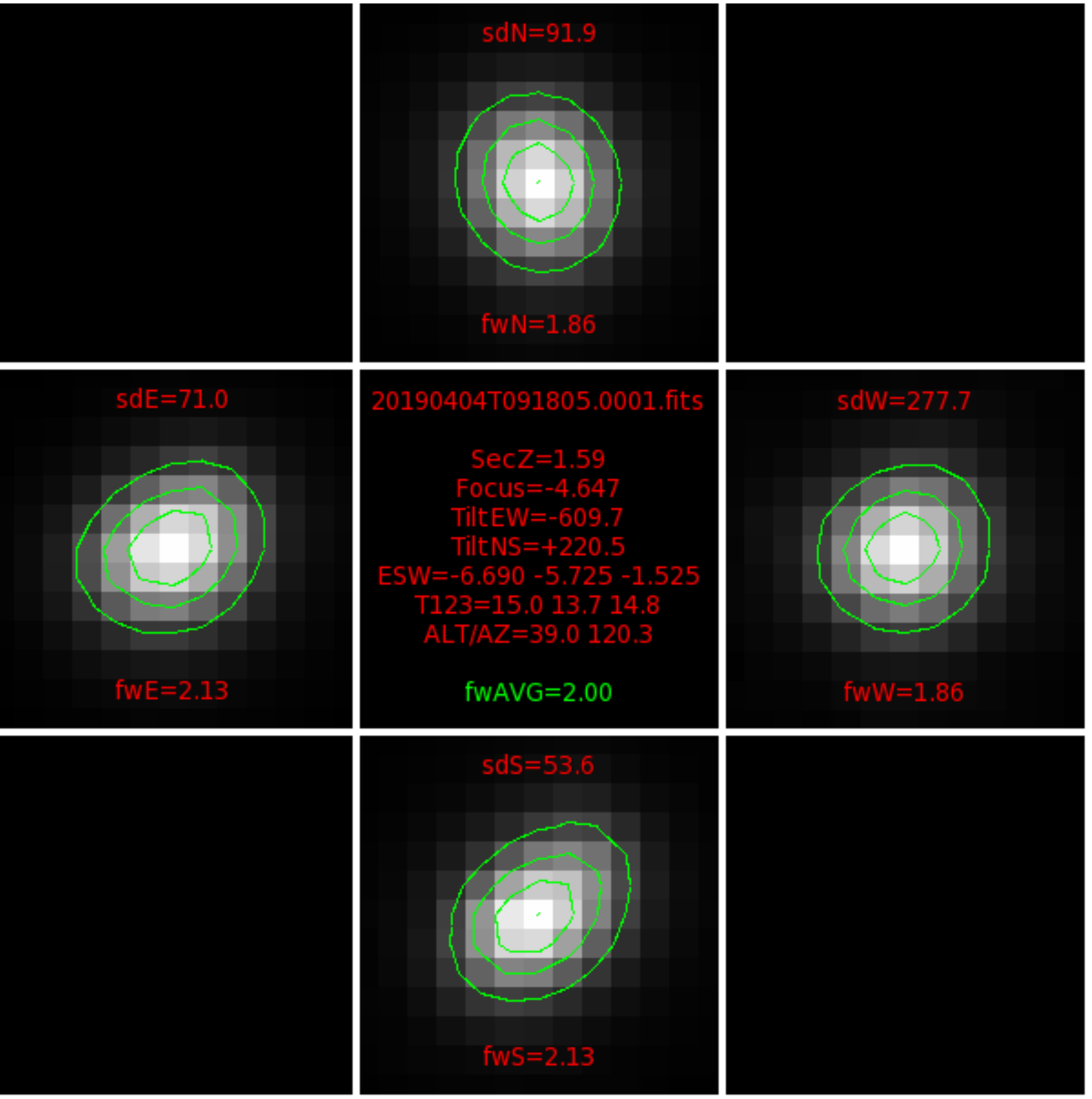

sdN=877.2
fwN=1.79
sdE=43.7
fwE=1.99
20190404T091000.0001.fits
SecZ=1.51
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.7 14.8
ALT/AZ=41.4 130.4
fwAVG=1.92
sdW=673.8
fwW=1.94
sdS=124.8
fwS=1.96
0 0 0 0 0 0 0 0 0

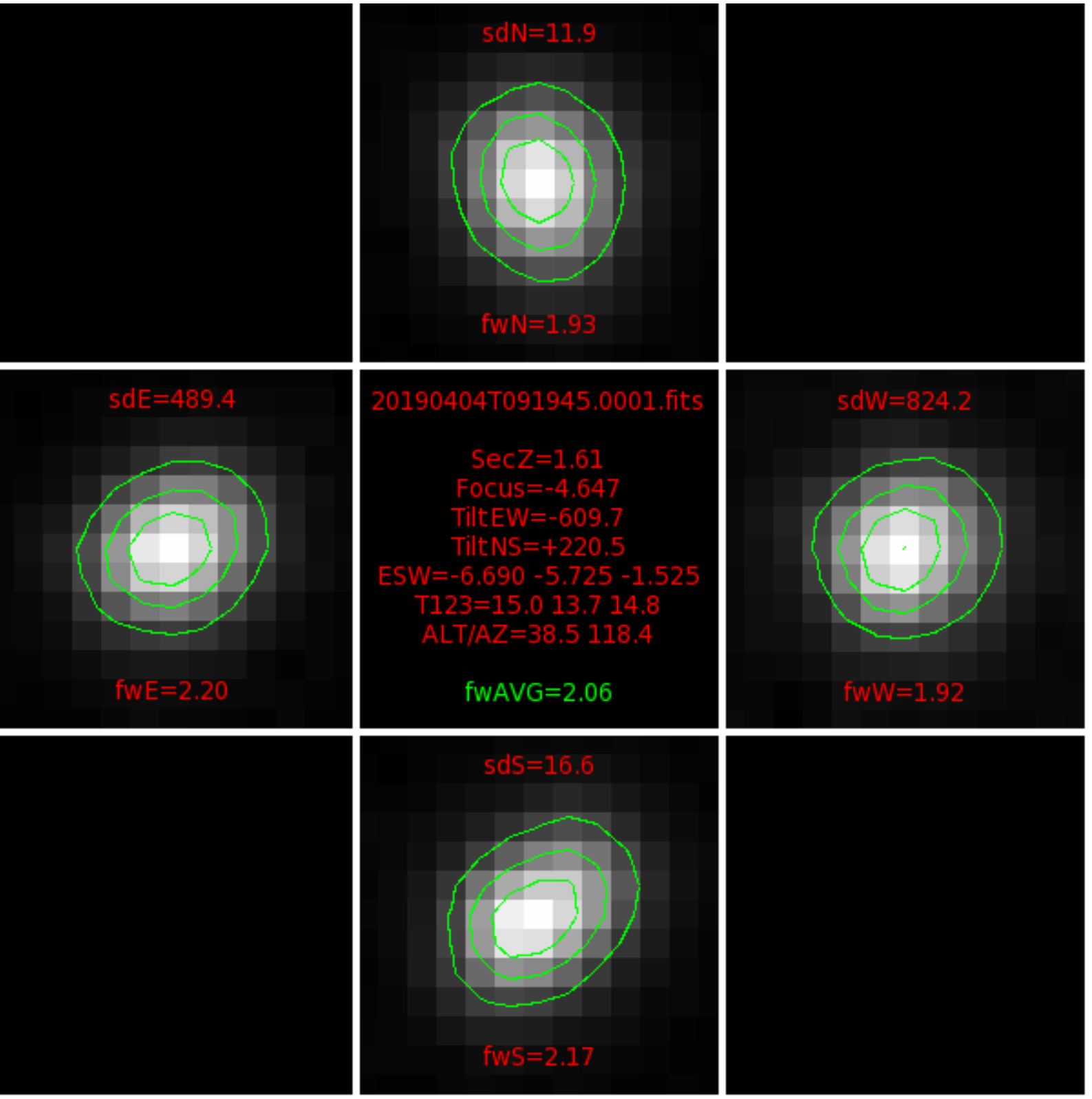

sdN=2434.0
fwN=1.63
sdE=560.5
fwE=2.00
20190404T091138.0001.fits
SecZ=1.52
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.8 14.8
ALT/AZ=41.0 128.4
fwAVG=1.81
sdW=334.7
fwW=1.67
sdS=32.7
fwS=1.94
0 0 0 0 0 0 0 0 0

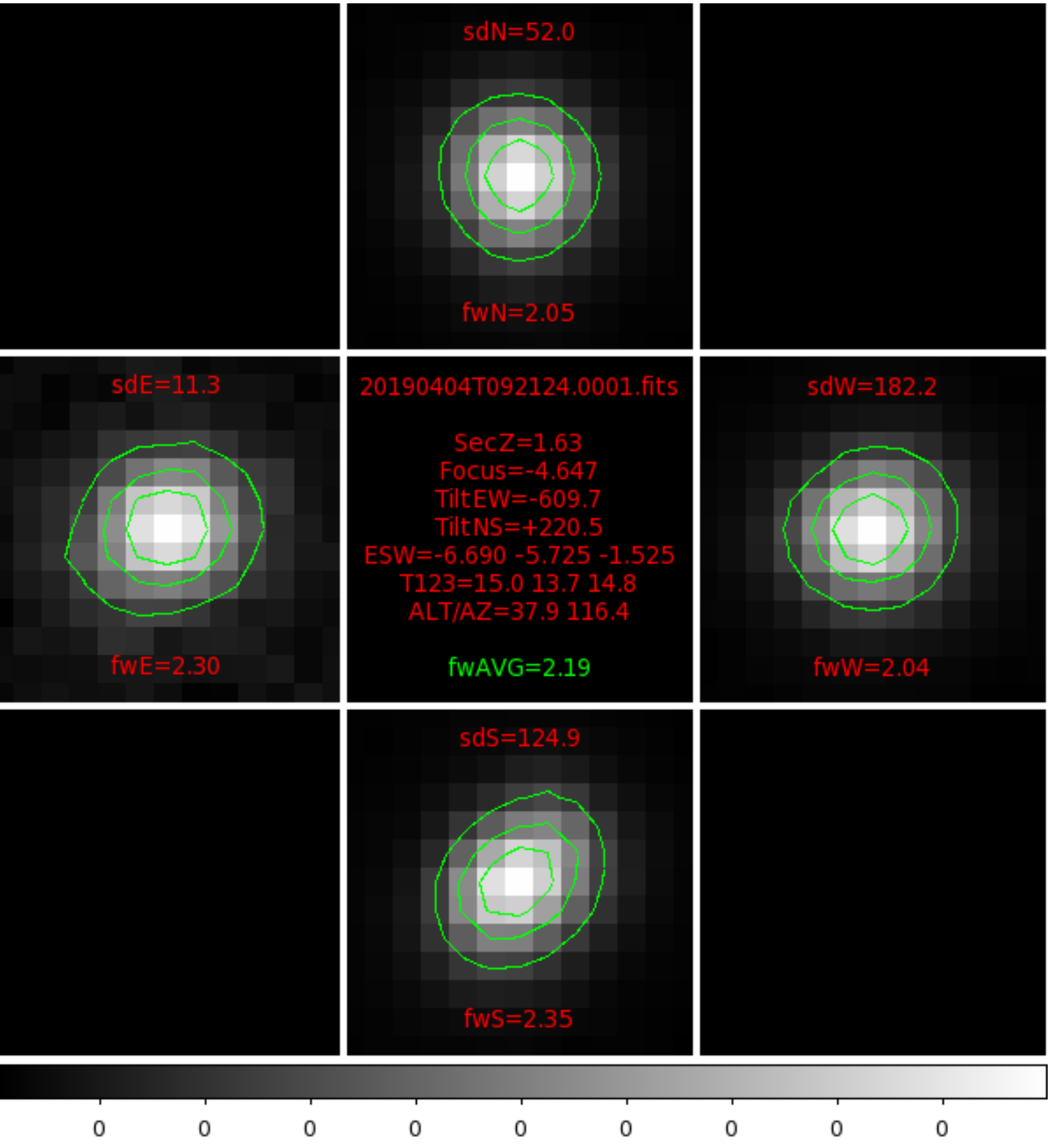

sdN=650.1
fwN=1.67
sdE=1559.1
fwE=1.93
20190404T091320.0001.fits
SecZ=1.54
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.7 14.8
ALT/AZ=40.6 126.3
fwAVG=1.84
sdW=188.5
fwW=1.75
sdS=254.4
fwS=2.03
0 0 0 0 0 0 0 0 0

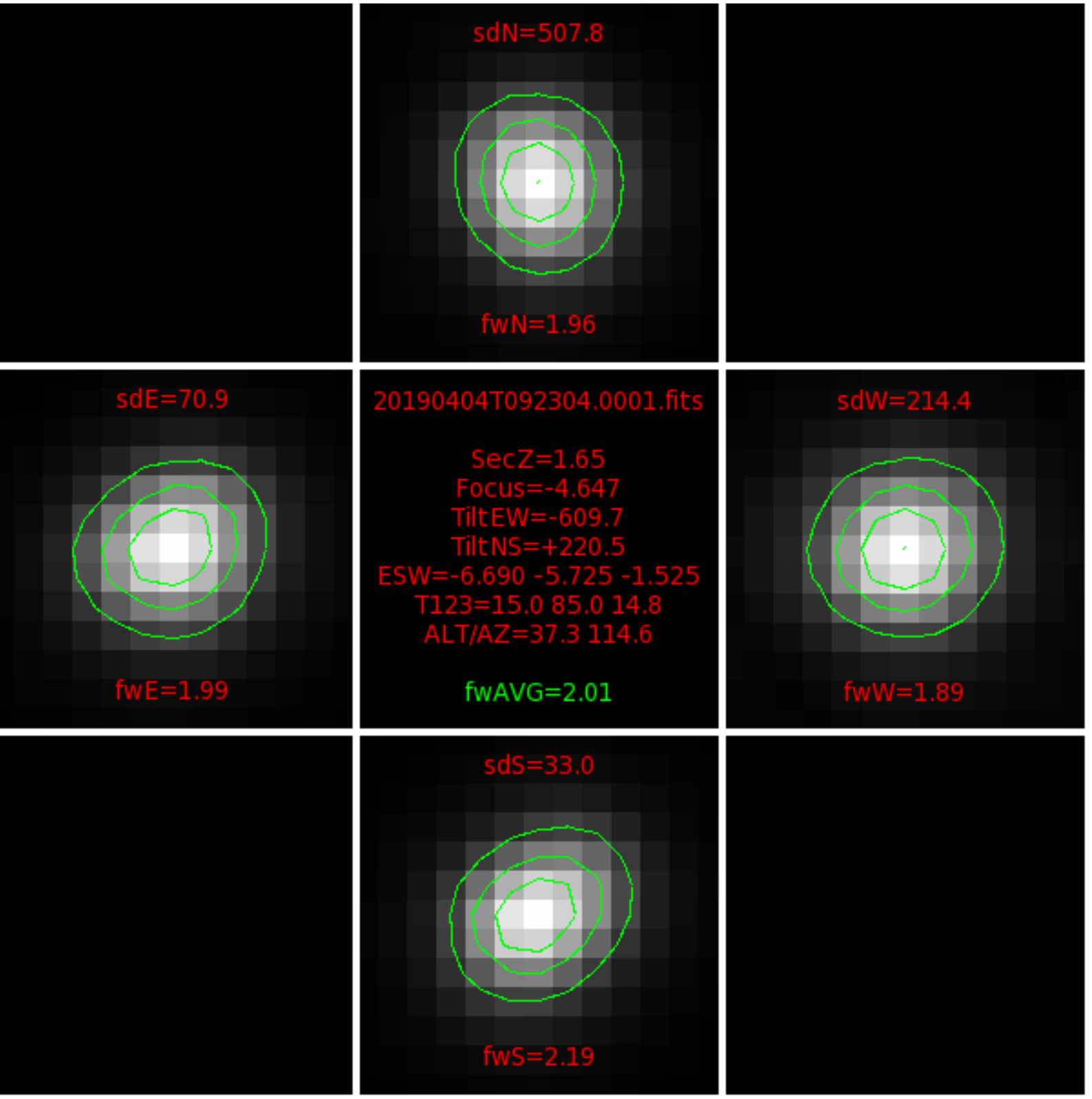

sdN=541.5
fwN=1.87
sdE=69.4
fwE=1.97
20190404T091500.0001.fits
SecZ=1.55
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 85.0 14.8
ALT/AZ=40.1 124.3
fwAVG=1.97
sdW=137.2
fwW=1.83
sdS=165.5
fwS=2.19
0 0 0 0 0 0 0 0 0

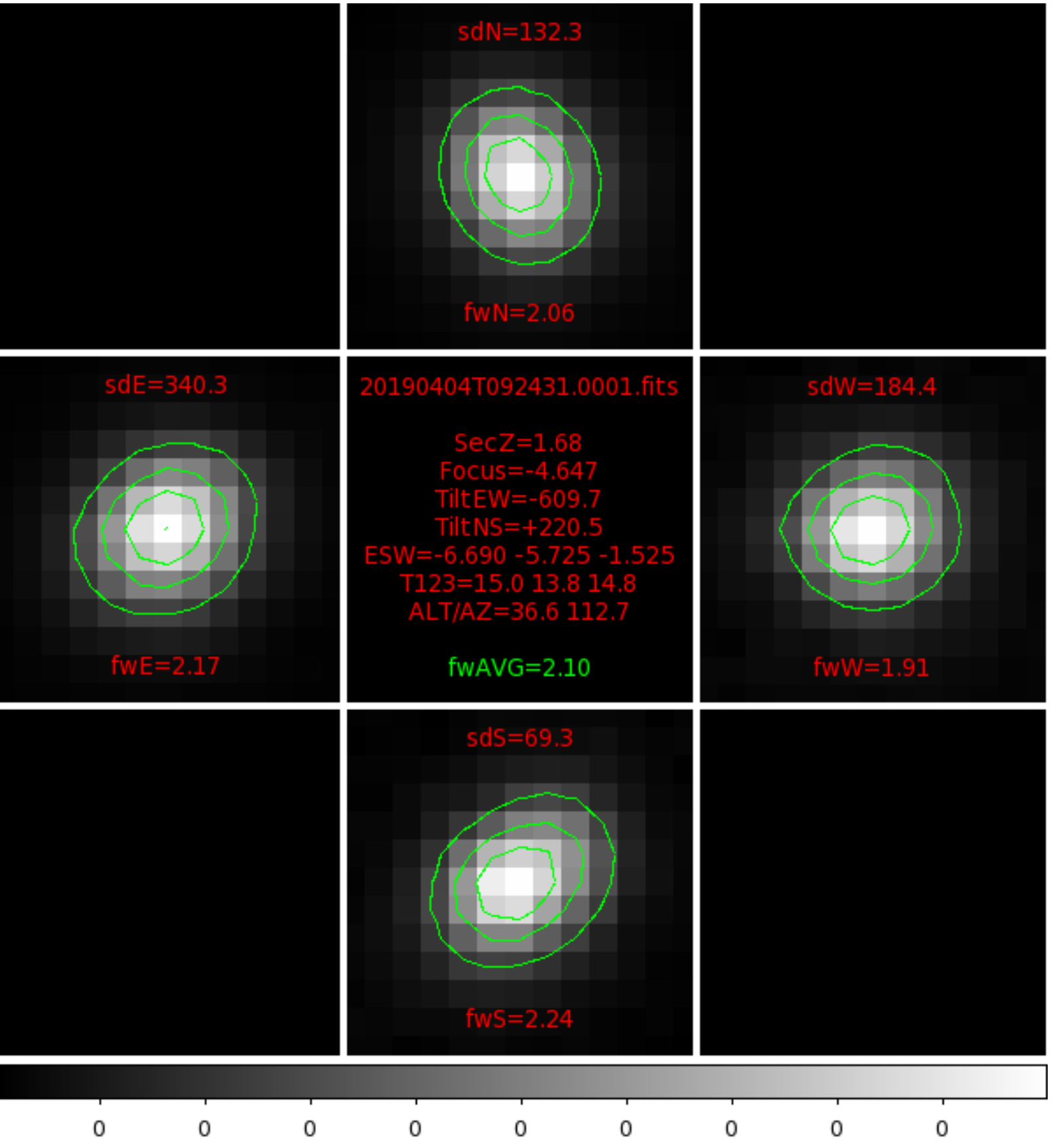

sdN=27.9
fwN=1.83
sdE=18.9
fwE=1.97
20190404T091626.0001.fits
SecZ=1.57
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 85.0 14.8
ALT/AZ=39.5 122.3
fwAVG=1.92
sdW=585.2
fwW=1.79
sdS=35.3
fwS=2.10
0 0 0 0 0 0 0 0 0

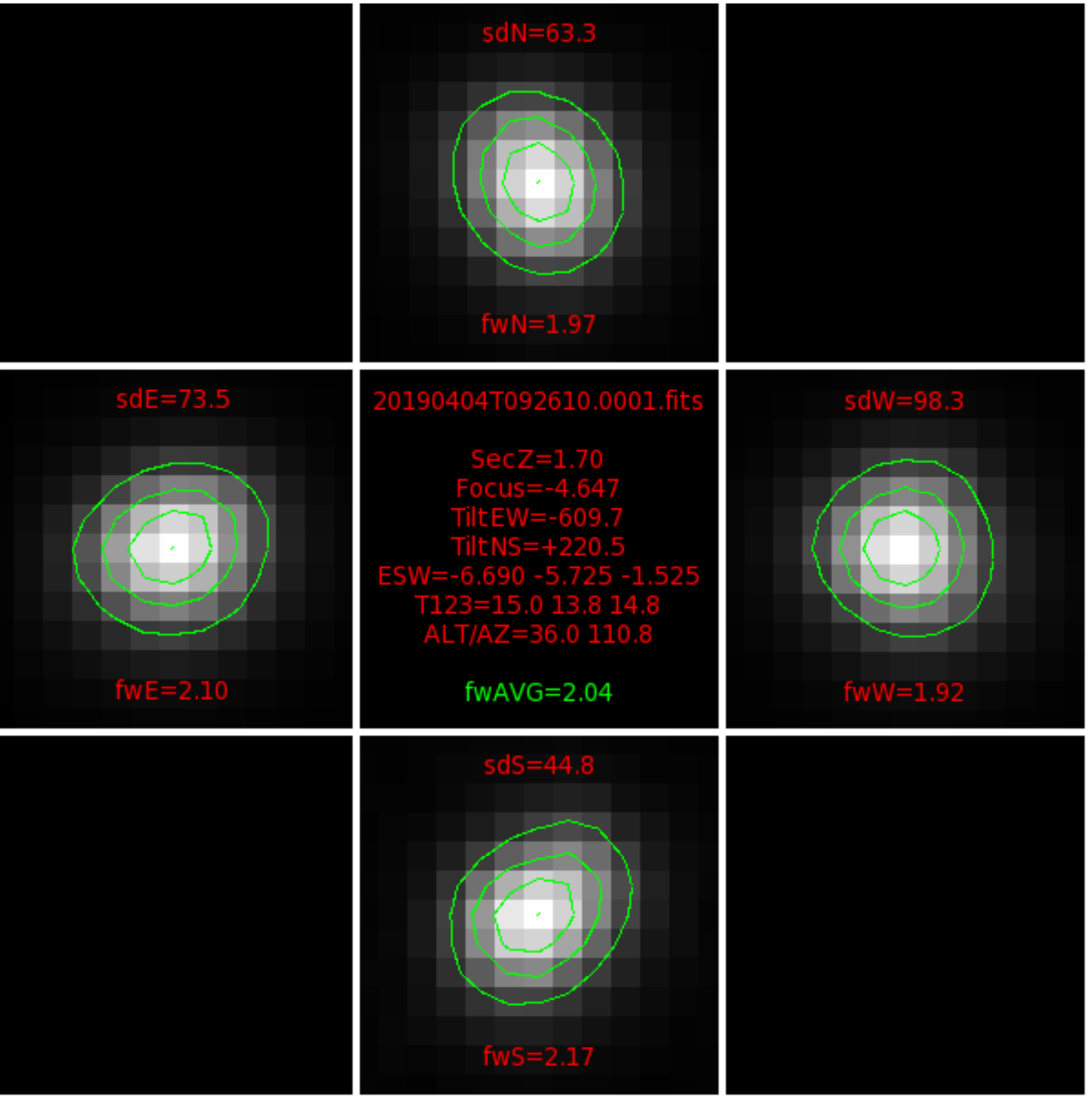

sdN=91.9
fwN=1.86
sdE=71.0
fwE=2.13
20190404T091805.0001.fits
SecZ=1.59
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.7 14.8
ALT/AZ=39.0 120.3
fwAVG=2.00
sdW=277.7
fwW=1.86
sdS=53.6
fwS=2.13
0 0 0 0 0 0 0 0 0

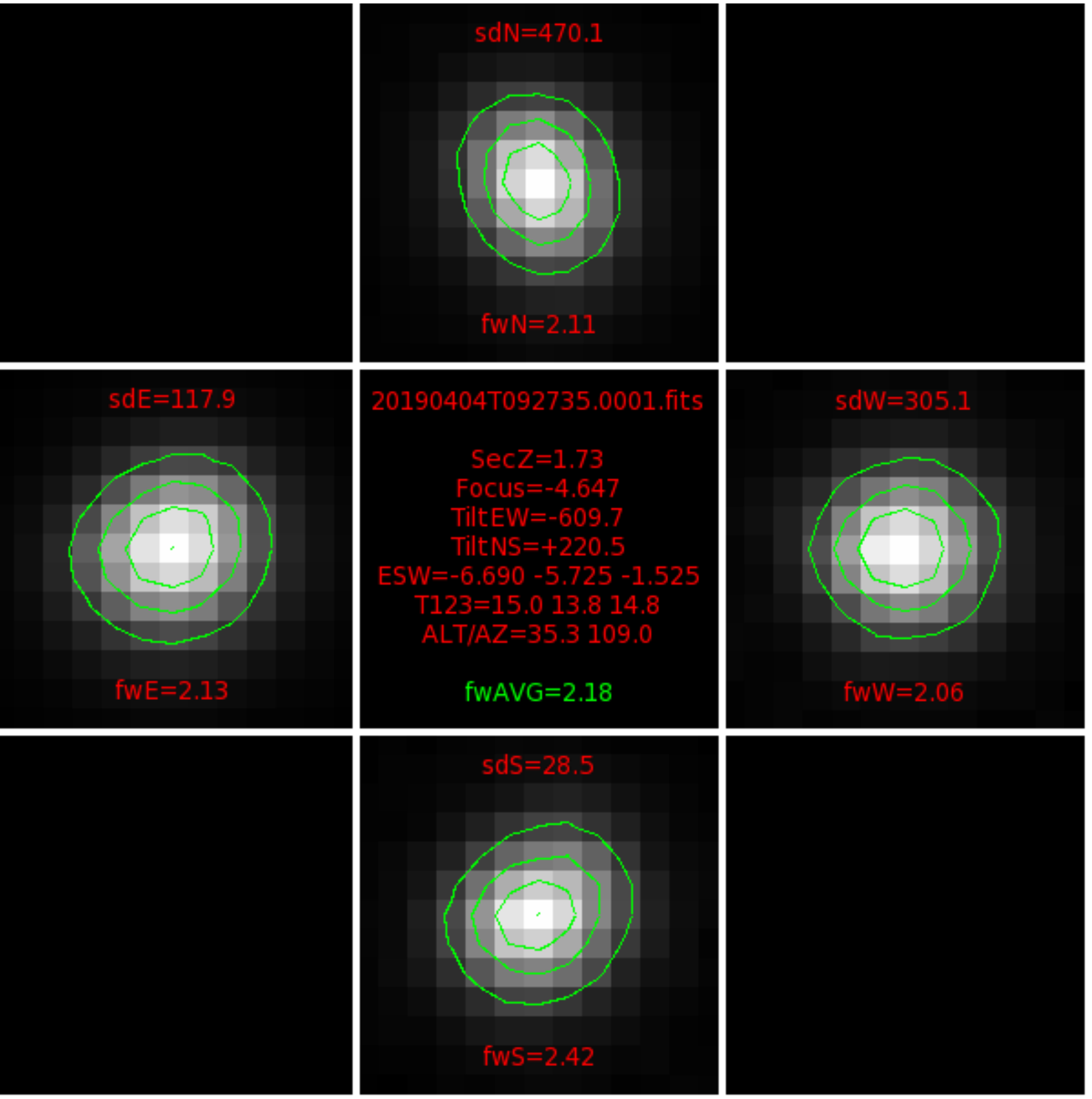

sdN=11.9
fwN=1.93
sdE=489.4
fwE=2.20
20190404T091945.0001.fits
SecZ=1.61
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.7 14.8
ALT/AZ=38.5 118.4
fwAVG=2.06
sdW=824.2
fwW=1.92
sdS=16.6
fwS=2.17
0 0 0 0 0 0 0 0 0

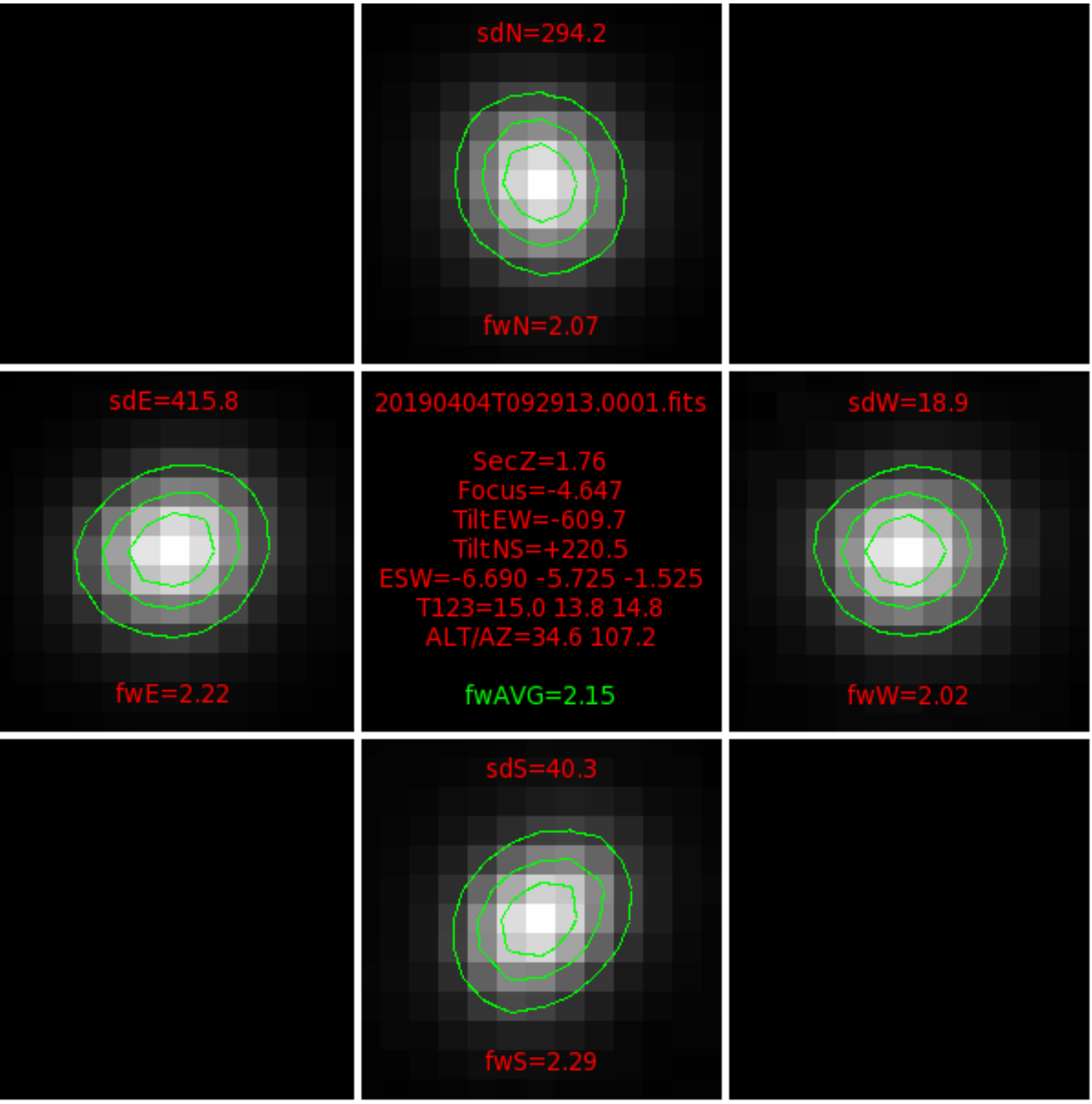

sdN=52.0
fwN=2.05
sdE=11.3
fwE=2.30
20190404T092124.0001.fits
SecZ=1.63
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.7 14.8
ALT/AZ=37.9 116.4
fwAVG=2.19
sdW=182.2
fwW=2.04
sdS=124.9
fwS=2.35
0 0 0 0 0 0 0 0 0

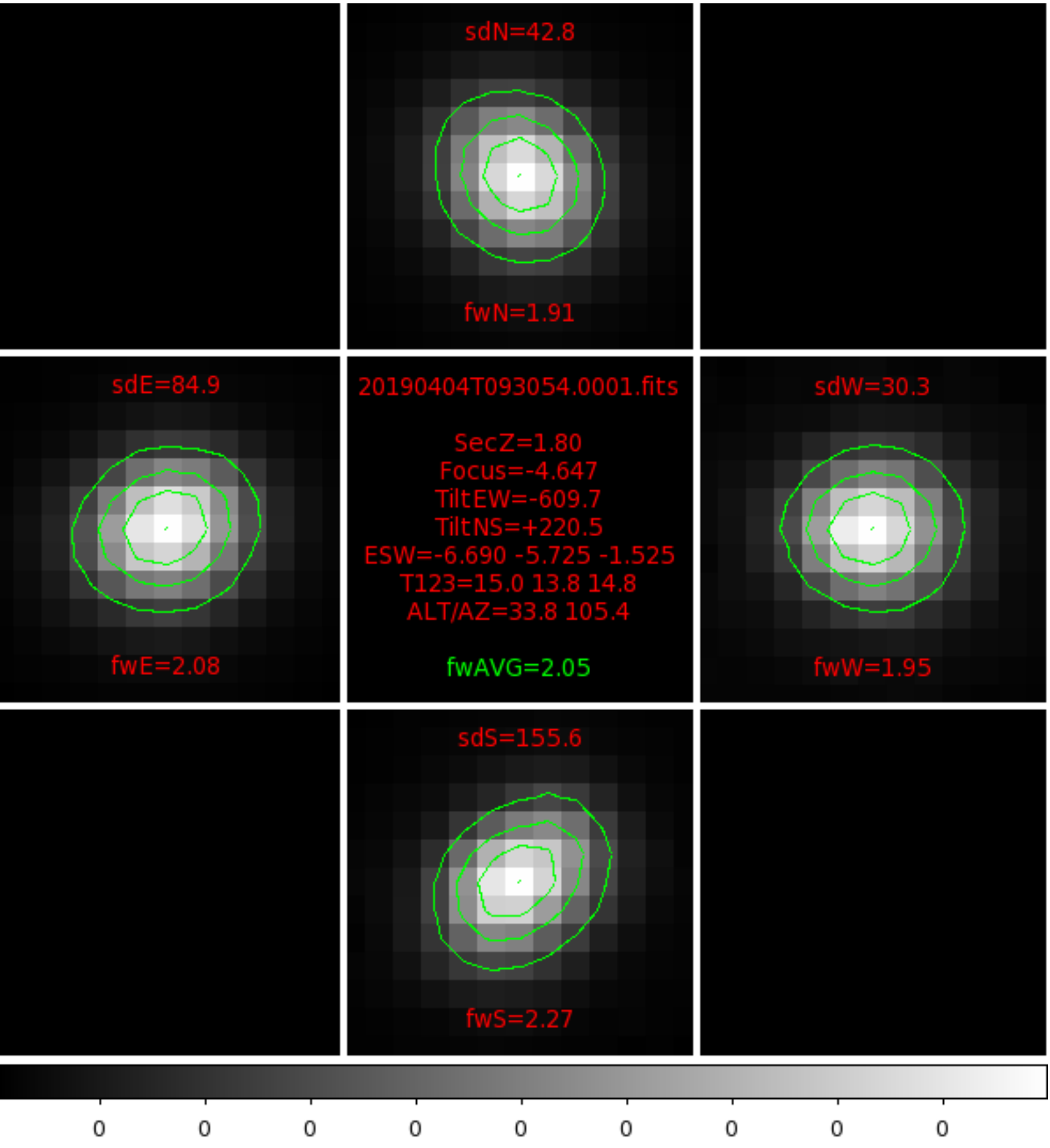

sdN=507.8
fwN=1.96
sdE=70.9
fwE=1.99
20190404T092304.0001.fits
SecZ=1.65
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 85.0 14.8
ALT/AZ=37.3 114.6
fwAVG=2.01
sdW=214.4
fwW=1.89
sdS=33.0
fwS=2.19
0 0 0 0 0 0 0 0 0

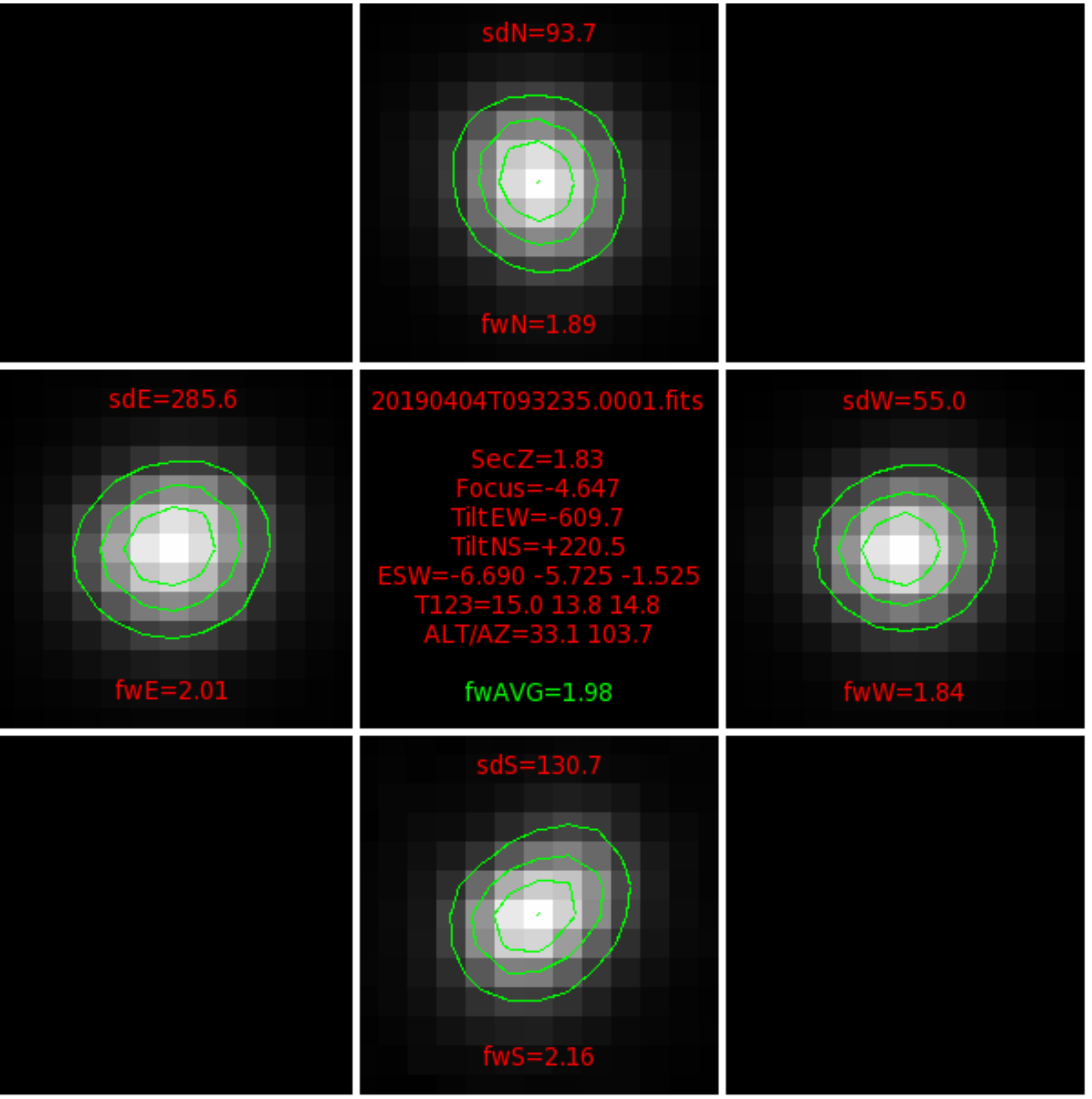

sdN=132.3
fwN=2.06
sdE=340.3
fwE=2.17
20190404T092431.0001.fits
SecZ=1.68
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.8 14.8
ALT/AZ=36.6 112.7
fwAVG=2.10
sdW=184.4
fwW=1.91
sdS=69.3
fwS=2.24
0 0 0 0 0 0 0 0 0

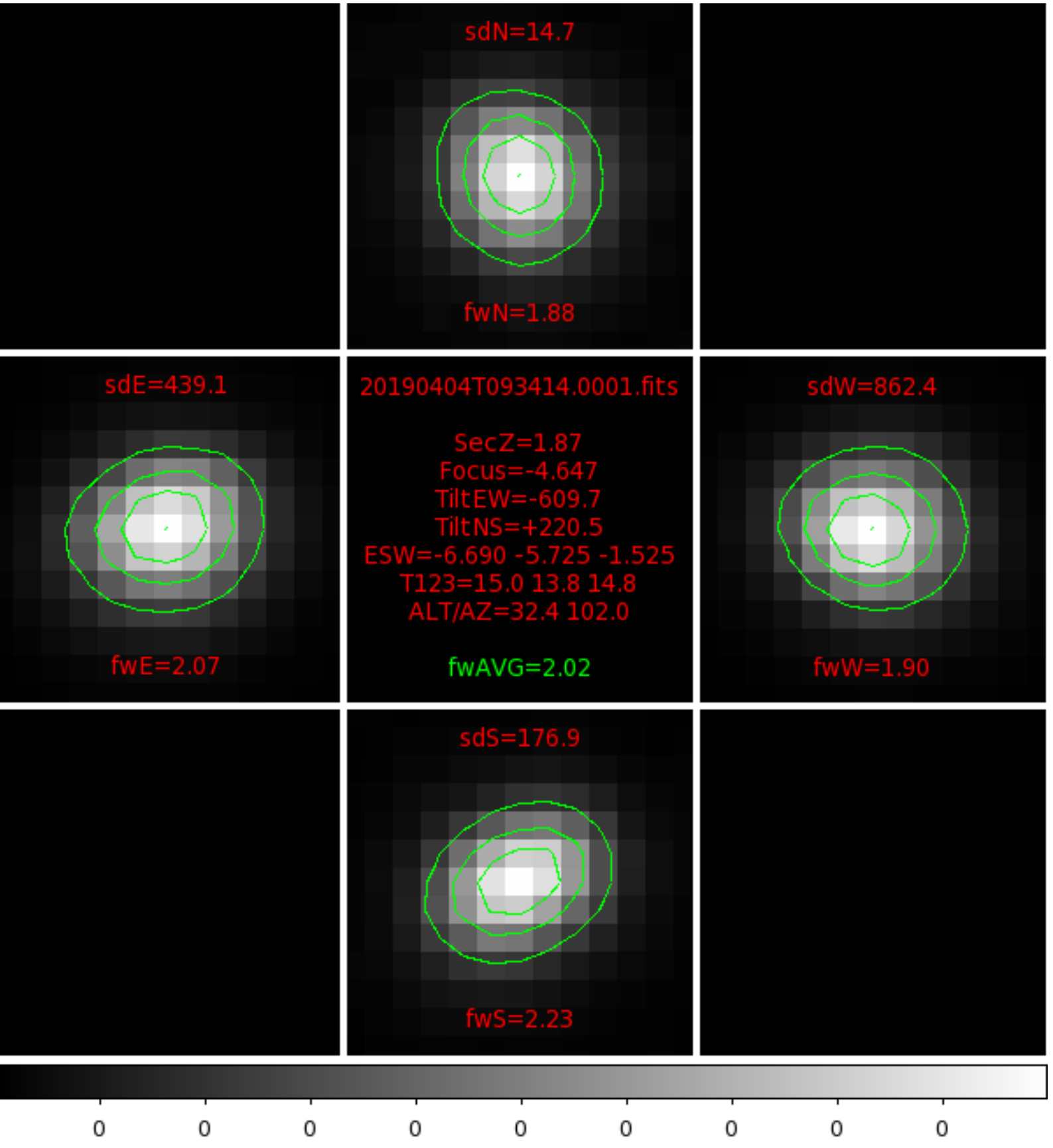

sdN=63.3
fwN=1.97
sdE=73.5
fwE=2.10
20190404T092610.0001.fits
SecZ=1.70
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.8 14.8
ALT/AZ=36.0 110.8
fwAVG=2.04
sdW=98.3
fwW=1.92
sdS=44.8
fwS=2.17
0 0 0 0 0 0 0 0 0

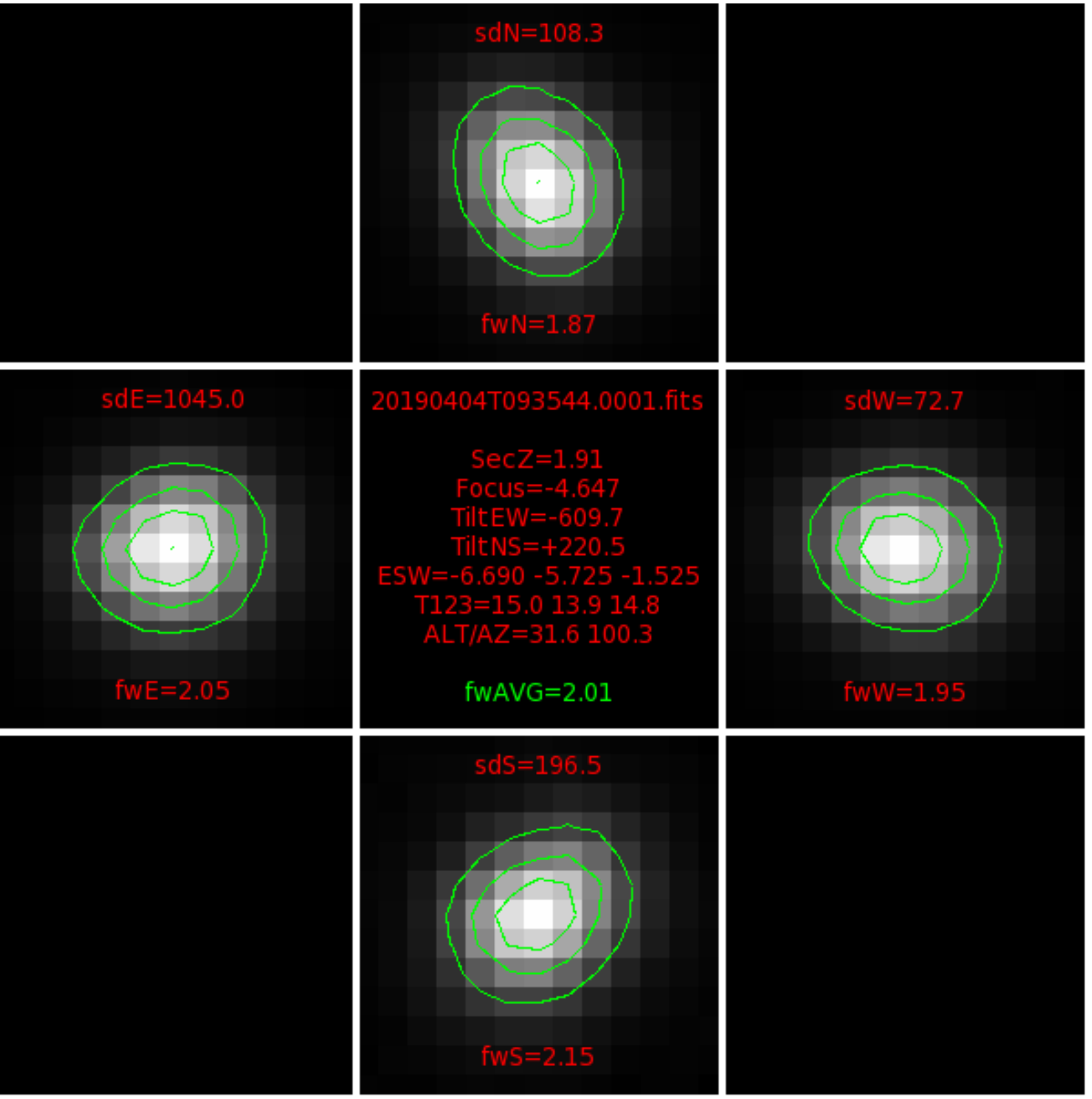

sdN=470.1
fwN=2.11
sdE=117.9
fwE=2.13
20190404T092735.0001.fits
SecZ=1.73
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.8 14.8
ALT/AZ=35.3 109.0
fwAVG=2.18
sdW=305.1
fwW=2.06
sdS=28.5
fwS=2.42
0 0 0 0 0 0 0 0 0

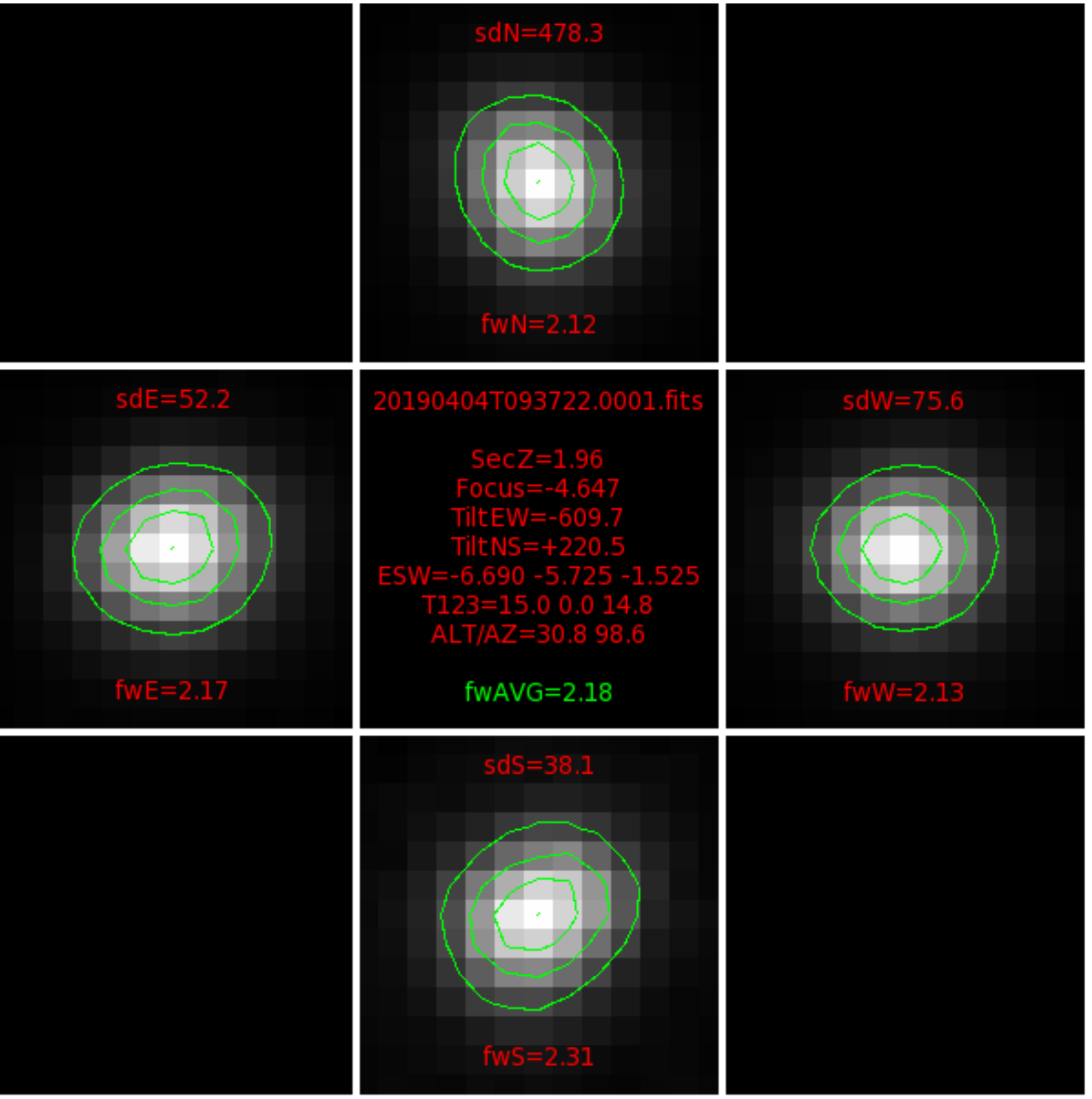

sdN=294.2
fwN=2.07
sdE=415.8
fwE=2.22
20190404T092913.0001.fits
SecZ=1.76
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.8 14.8
ALT/AZ=34.6 107.2
fwAVG=2.15
sdW=18.9
fwW=2.02
sdS=40.3
fwS=2.29
0 0 0 0 0 0 0 0 0

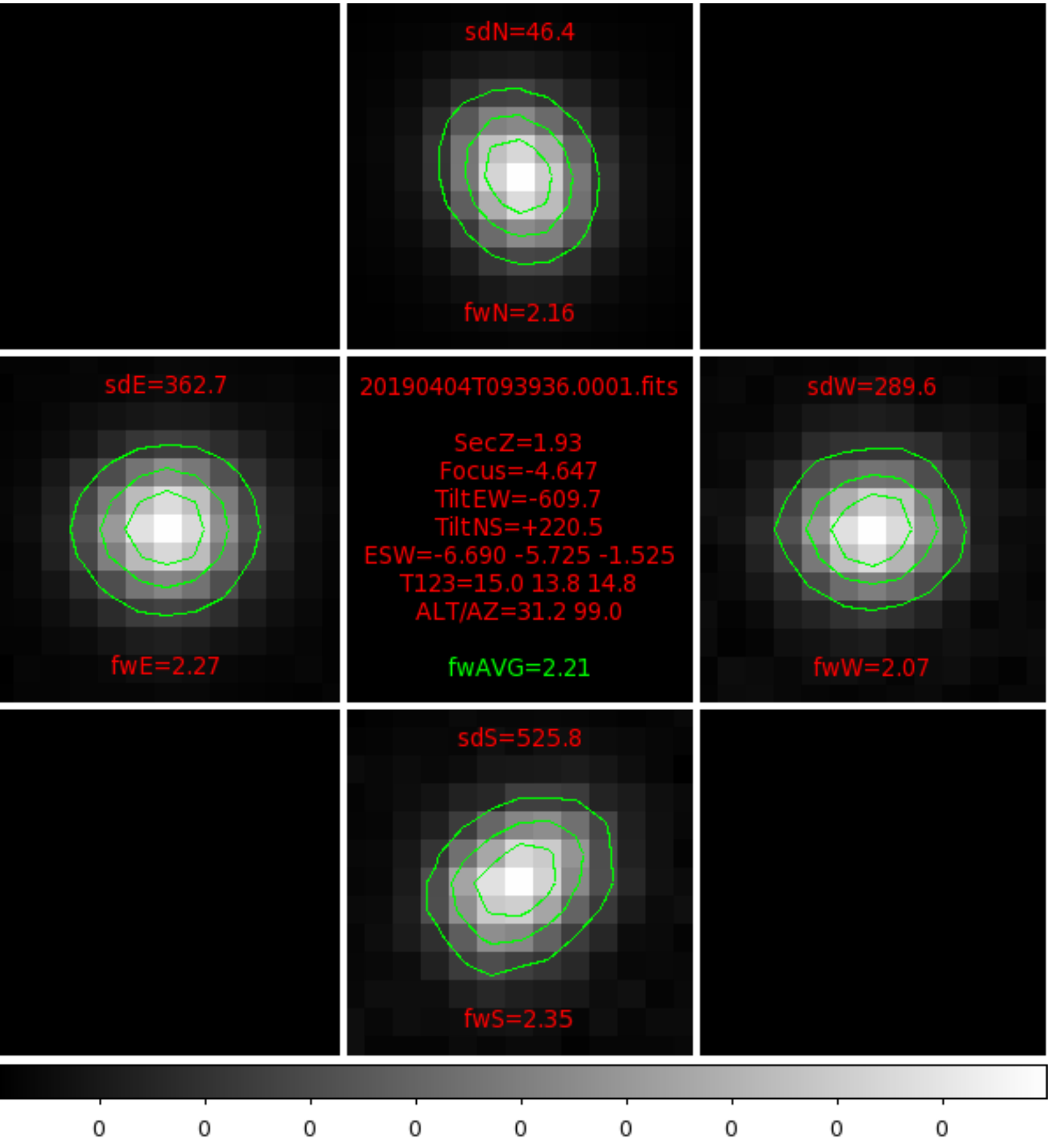

sdN=42.8
fwN=1.91
sdE=84.9
fwE=2.08
20190404T093054.0001.fits
SecZ=1.80
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.8 14.8
ALT/AZ=33.8 105.4
fwAVG=2.05
sdW=30.3
fwW=1.95
sdS=155.6
fwS=2.27
0 0 0 0 0 0 0 0 0

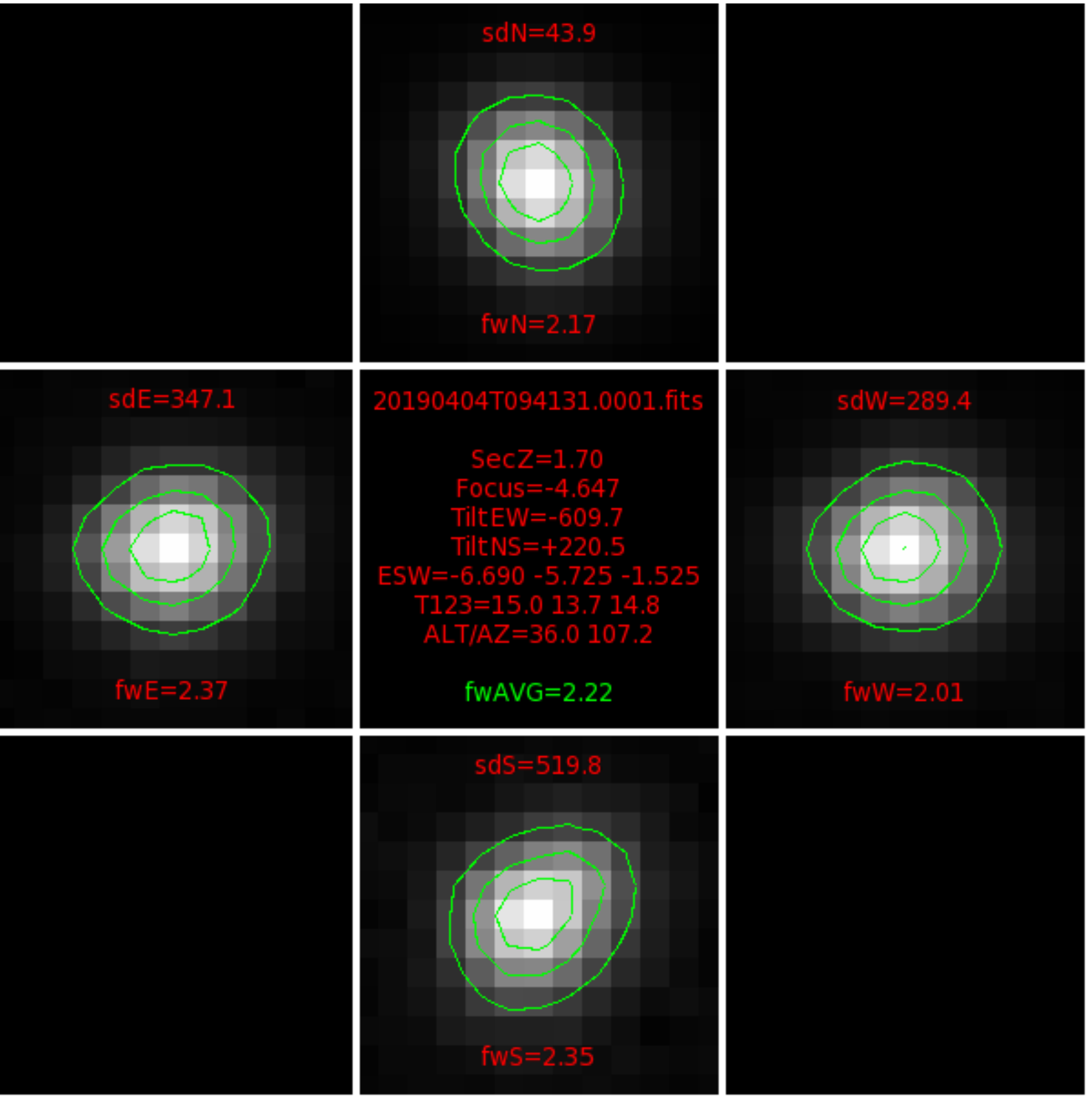

sdN=93.7
fwN=1.89
sdE=285.6
fwE=2.01
20190404T093235.0001.fits
SecZ=1.83
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.8 14.8
ALT/AZ=33.1 103.7
fwAVG=1.98
sdW=55.0
fwW=1.84
sdS=130.7
fwS=2.16
0 0 0 0 0 0 0 0 0

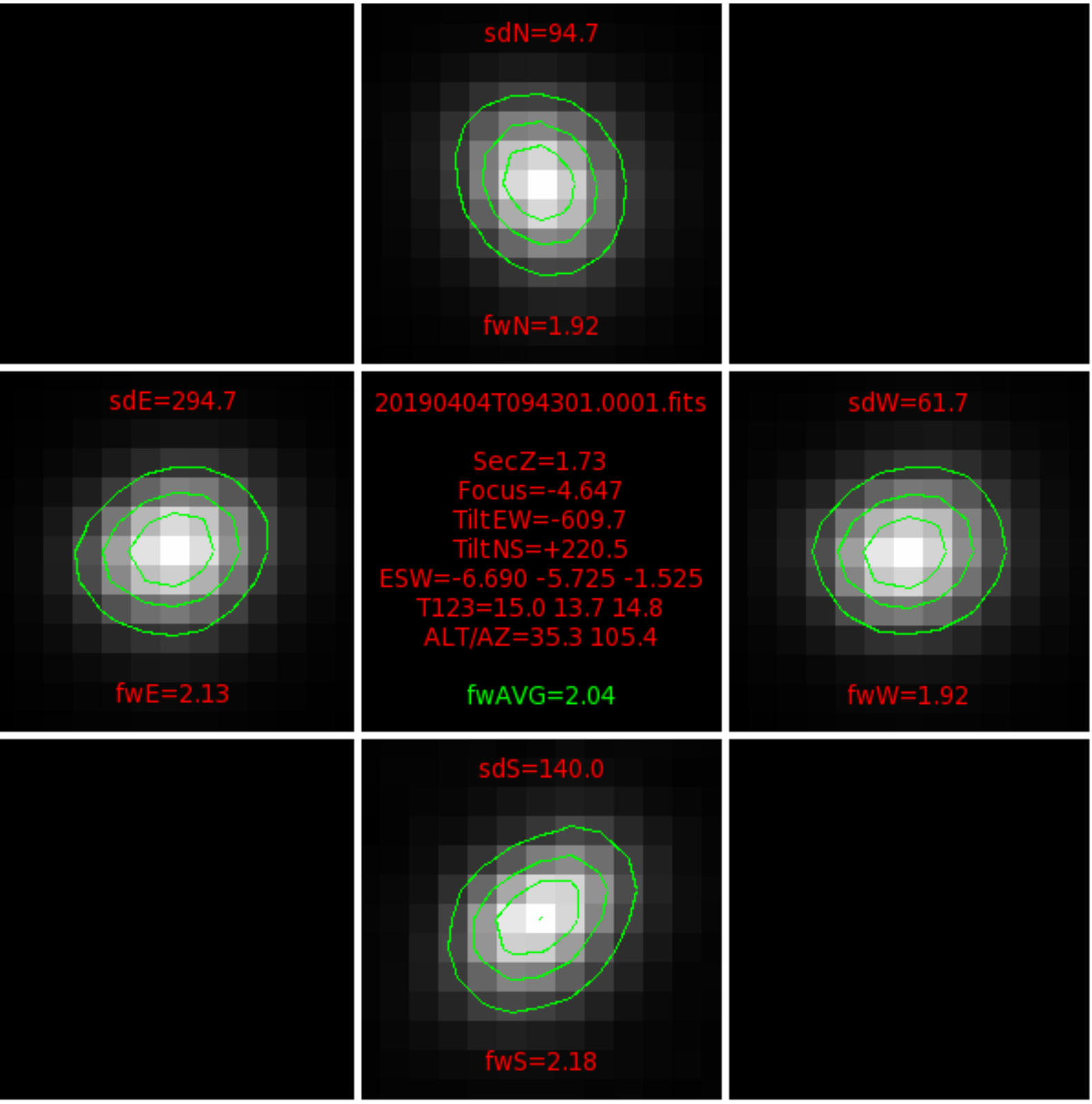

sdN=14.7
fwN=1.88
sdE=439.1
fwE=2.07
20190404T093414.0001.fits
SecZ=1.87
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.8 14.8
ALT/AZ=32.4 102.0
fwAVG=2.02
sdW=862.4
fwW=1.90
sdS=176.9
fwS=2.23
0 0 0 0 0 0 0 0 0

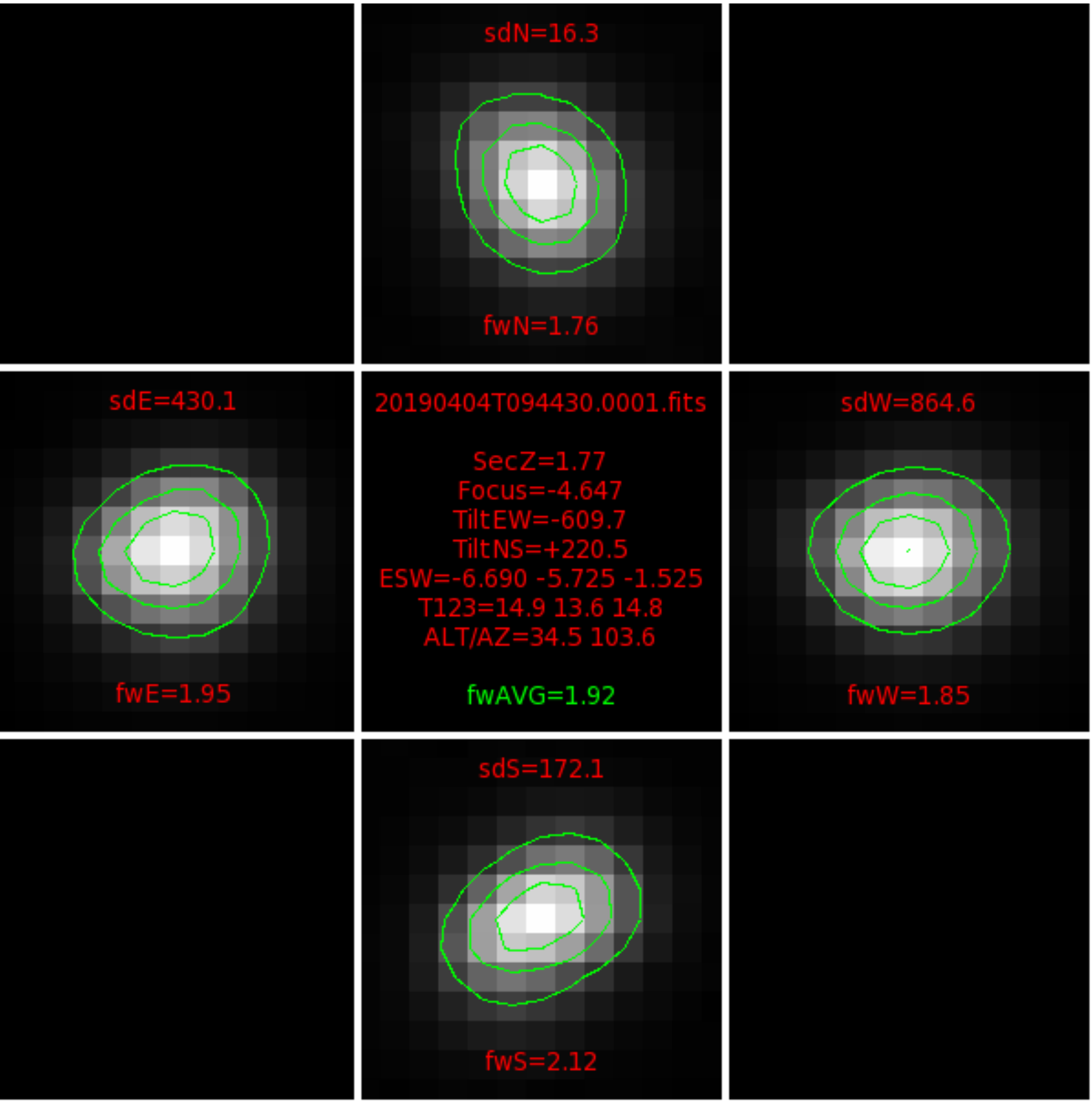

sdN=108.3
fwN=1.87
sdE=1045.0
fwE=2.05
20190404T093544.0001.fits
SecZ=1.91
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.9 14.8
ALT/AZ=31.6 100.3
fwAVG=2.01
sdW=72.7
fwW=1.95
sdS=196.5
fwS=2.15
0 0 0 0 0 0 0 0 0

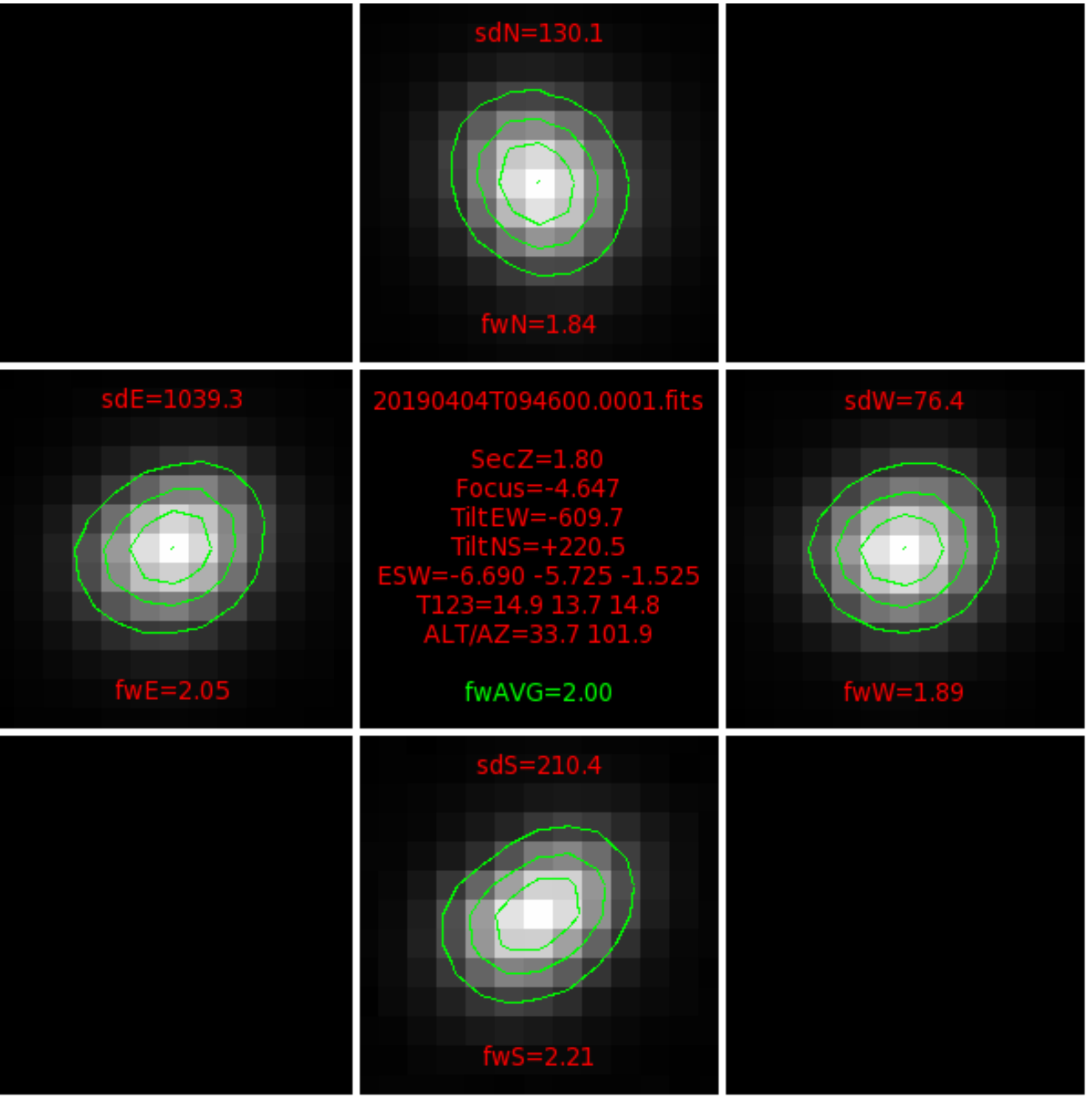

sdN=478.3
fwN=2.12
sdE=52.2
fwE=2.17
20190404T093722.0001.fits
SecZ=1.96
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 0.0 14.8
ALT/AZ=30.8 98.6
fwAVG=2.18
sdW=75.6
fwW=2.13
sdS=38.1
fwS=2.31
0 0 0 0 0 0 0 0 0

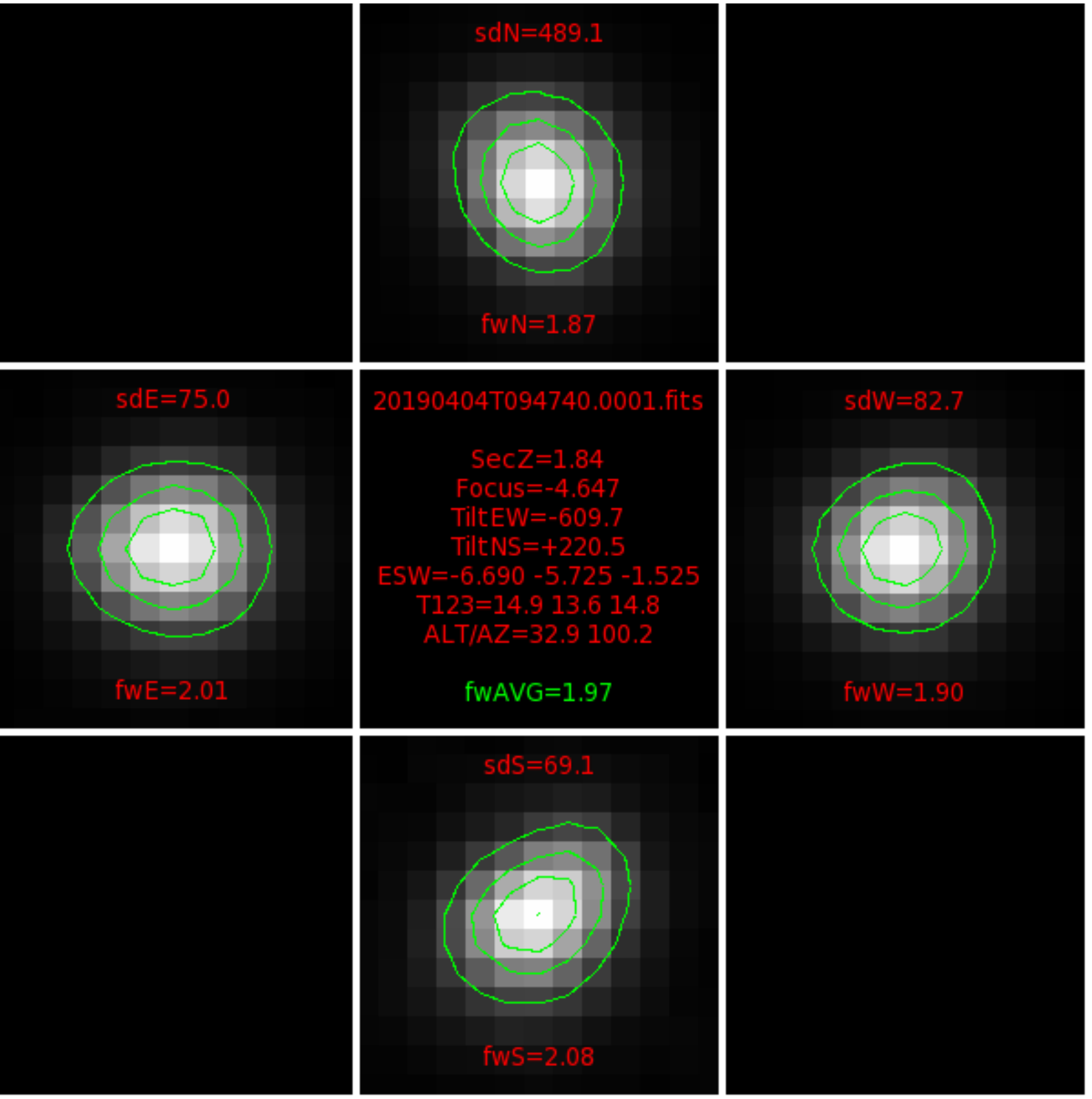

sdN=46.4
fwN=2.16
sdE=362.7
fwE=2.27
20190404T093936.0001.fits
SecZ=1.93
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.8 14.8
ALT/AZ=31.2 99.0
fwAVG=2.21
sdW=289.6
fwW=2.07
sdS=525.8
fwS=2.35
0 0 0 0 0 0 0 0 0

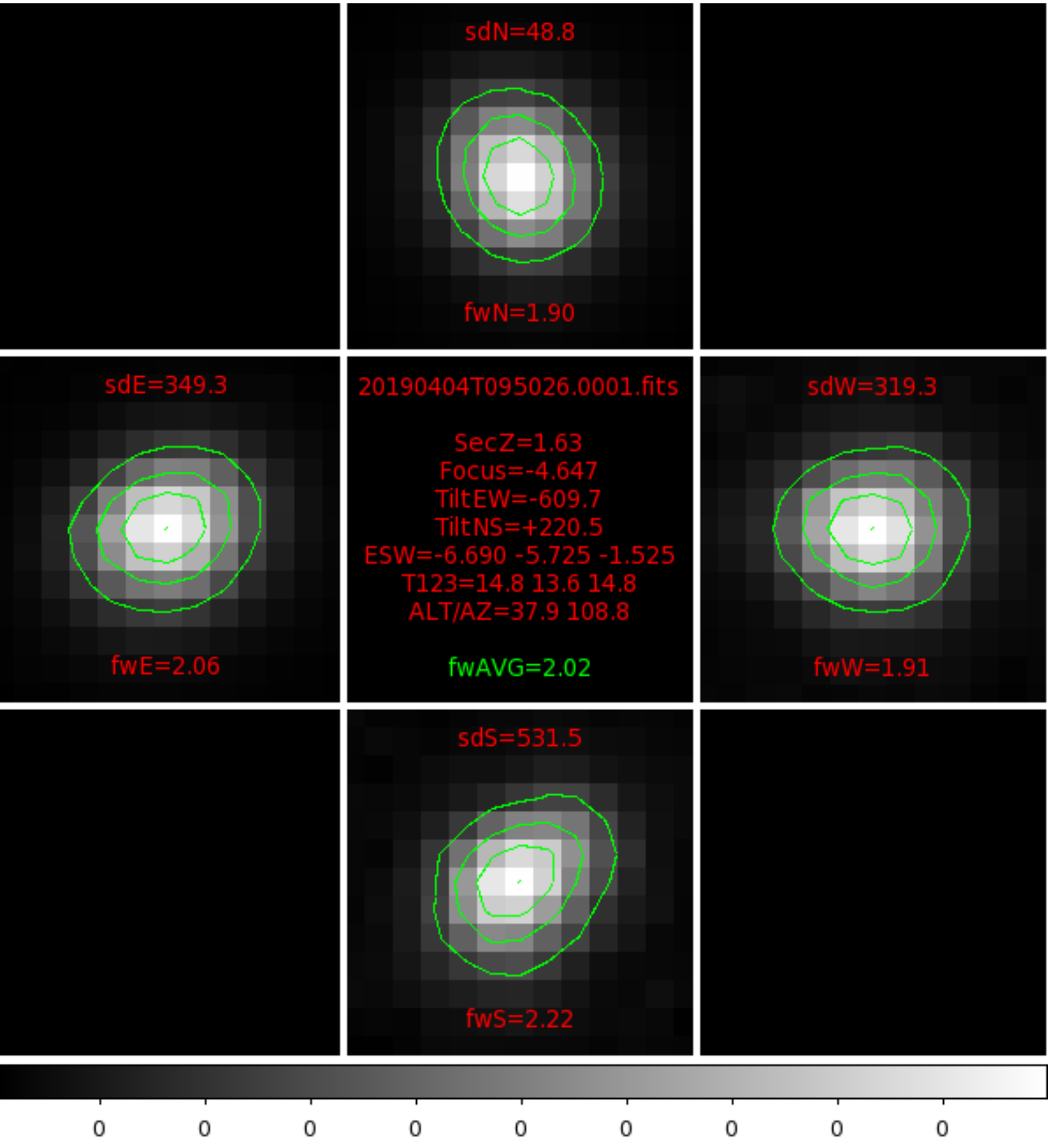

sdN=43.9
fwN=2.17
sdE=347.1
fwE=2.37
20190404T094131.0001.fits
SecZ=1.70
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.7 14.8
ALT/AZ=36.0 107.2
fwAVG=2.22
sdW=289.4
fwW=2.01
sdS=519.8
fwS=2.35
0 0 0 0 0 0 0 0 0

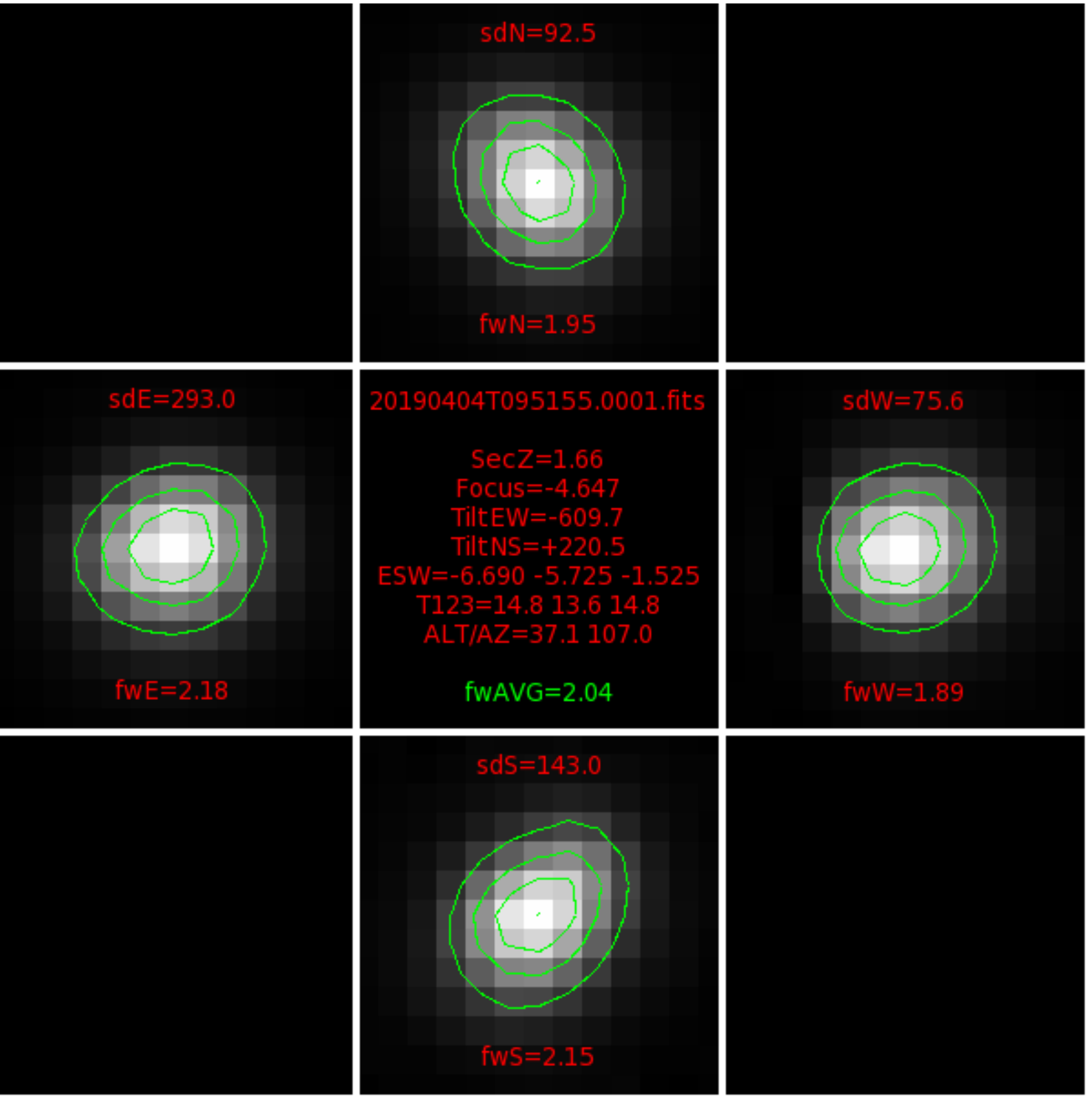

sdN=94.7
fwN=1.92
sdE=294.7
fwE=2.13
20190404T094301.0001.fits
SecZ=1.73
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=15.0 13.7 14.8
ALT/AZ=35.3 105.4
fwAVG=2.04
sdW=61.7
fwW=1.92
sdS=140.0
fwS=2.18
0 0 0 0 0 0 0 0 0

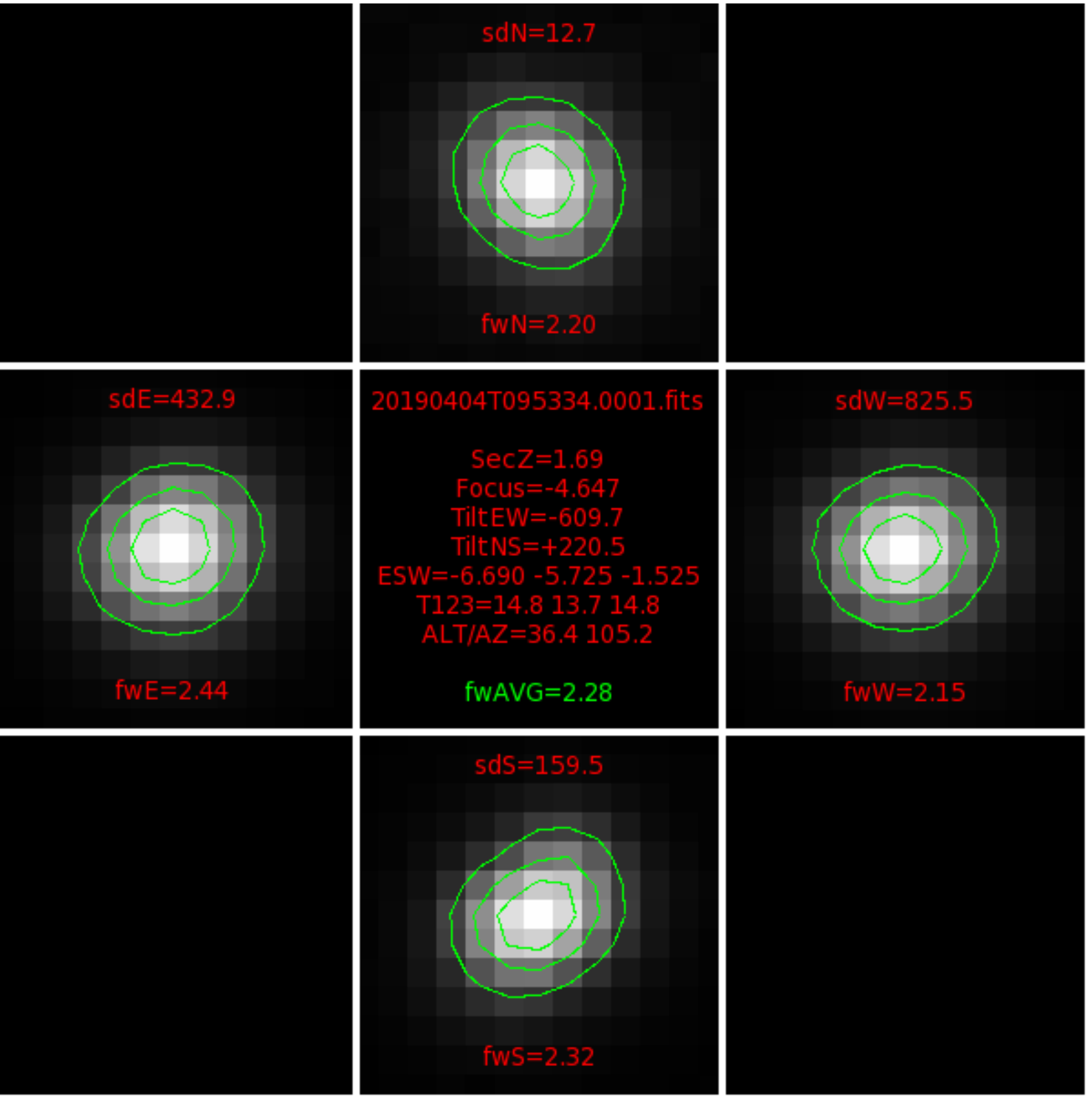

sdN=16.3
fwN=1.76
sdE=430.1
fwE=1.95
20190404T094430.0001.fits
SecZ=1.77
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.9 13.6 14.8
ALT/AZ=34.5 103.6
fwAVG=1.92
sdW=864.6
fwW=1.85
sdS=172.1
fwS=2.12
0 0 0 0 0 0 0 0 0

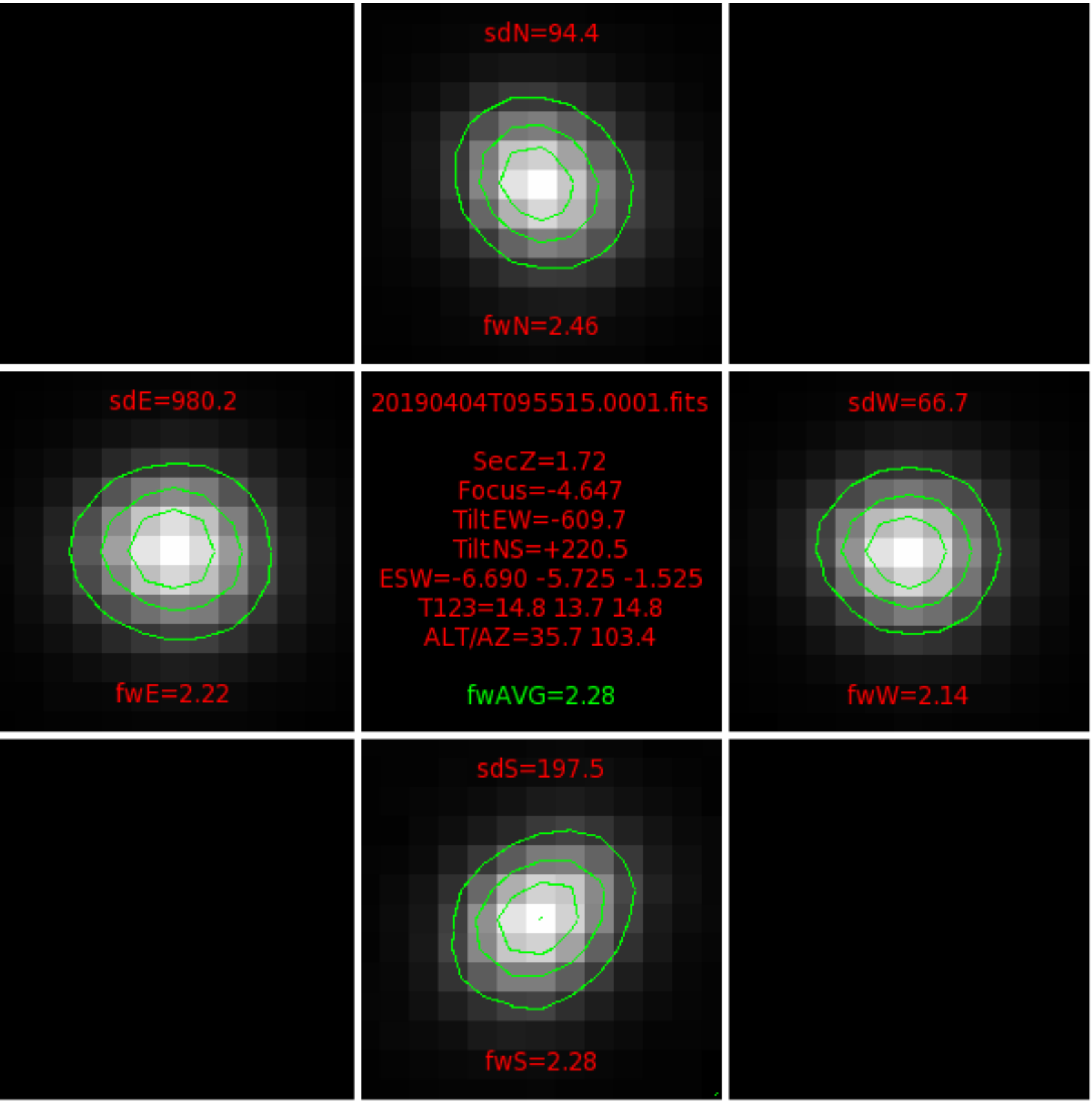

sdN=130.1
fwN=1.84
sdE=1039.3
fwE=2.05
20190404T094600.0001.fits
SecZ=1.80
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.9 13.7 14.8
ALT/AZ=33.7 101.9
fwAVG=2.00
sdW=76.4
fwW=1.89
sdS=210.4
fwS=2.21
0 0 0 0 0 0 0 0 0

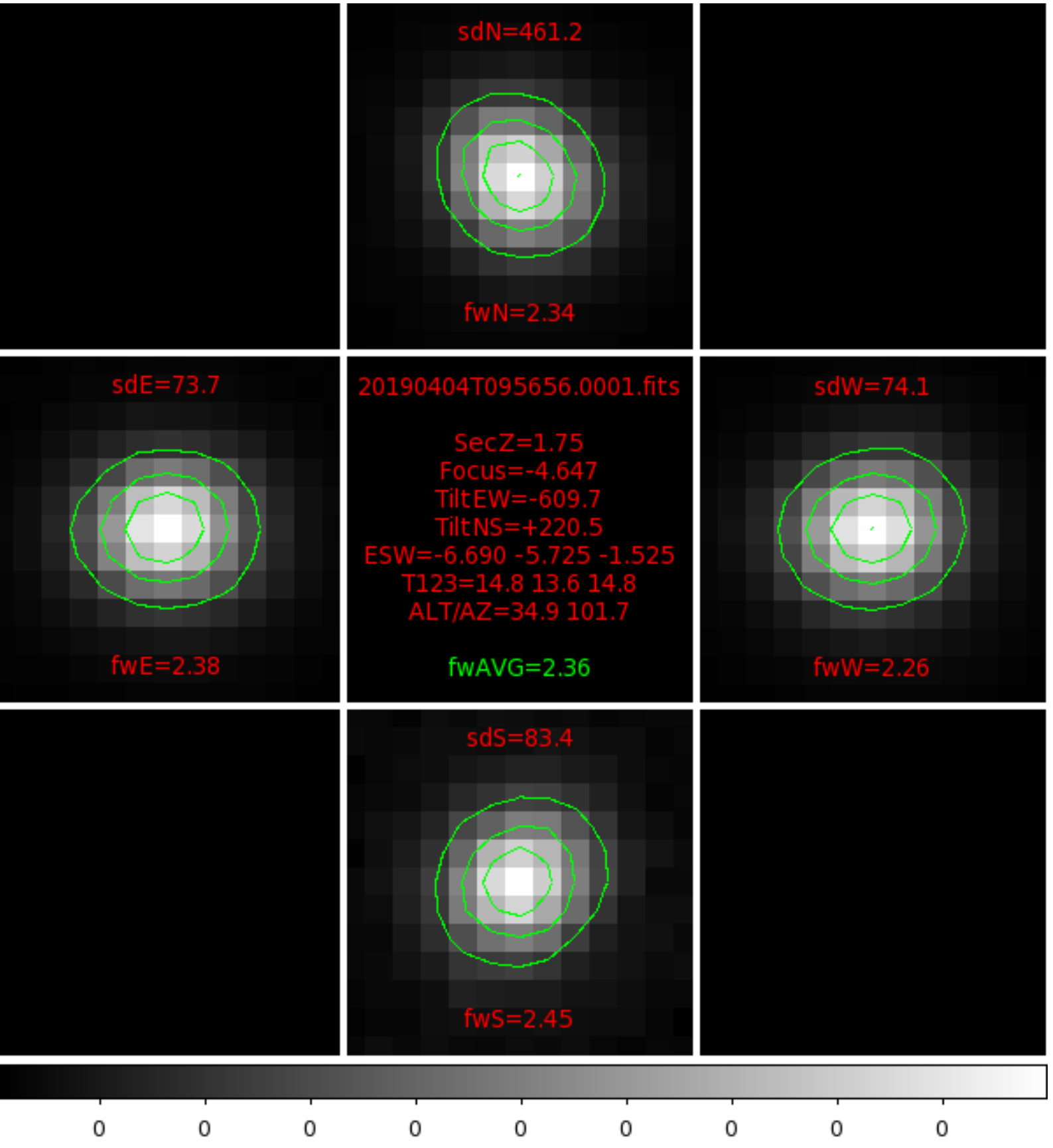

sdN=489.1
fwN=1.87
sdE=75.0
fwE=2.01
20190404T094740.0001.fits
SecZ=1.84
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.9 13.6 14.8
ALT/AZ=32.9 100.2
fwAVG=1.97
sdW=82.7
fwW=1.90
sdS=69.1
fwS=2.08
0 0 0 0 0 0 0 0 0

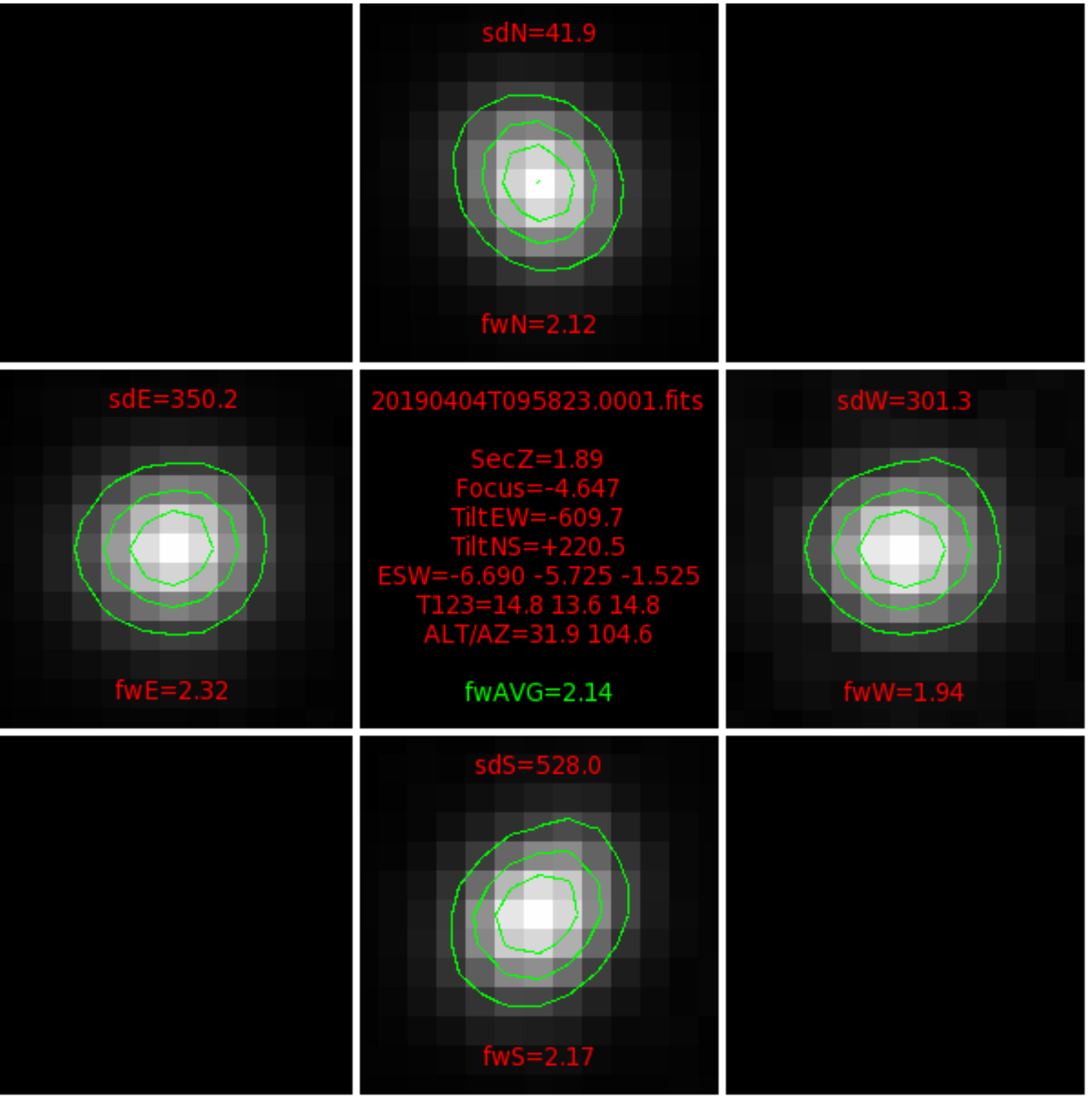

sdN=48.8
fwN=1.90
sdE=349.3
fwE=2.06
20190404T095026.0001.fits
SecZ=1.63
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.8 13.6 14.8
ALT/AZ=37.9 108.8
fwAVG=2.02
sdW=319.3
fwW=1.91
sdS=531.5
fwS=2.22
0 0 0 0 0 0 0 0 0

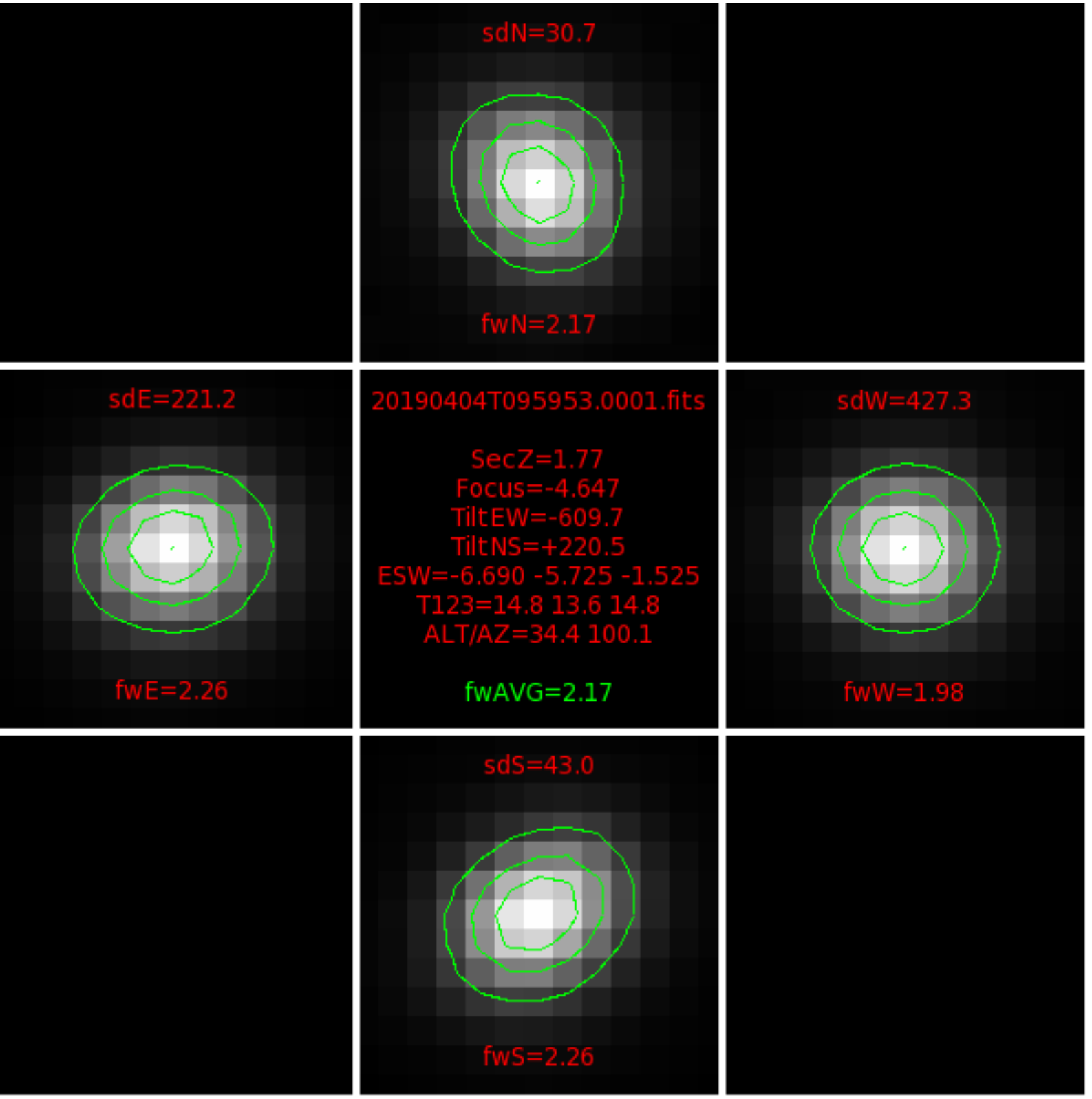

sdN=92.5
fwN=1.95
sdE=293.0
fwE=2.18
20190404T095155.0001.fits
SecZ=1.66
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.8 13.6 14.8
ALT/AZ=37.1 107.0
fwAVG=2.04
sdW=75.6
fwW=1.89
sdS=143.0
fwS=2.15
0 0 0 0 0 0 0 0 0

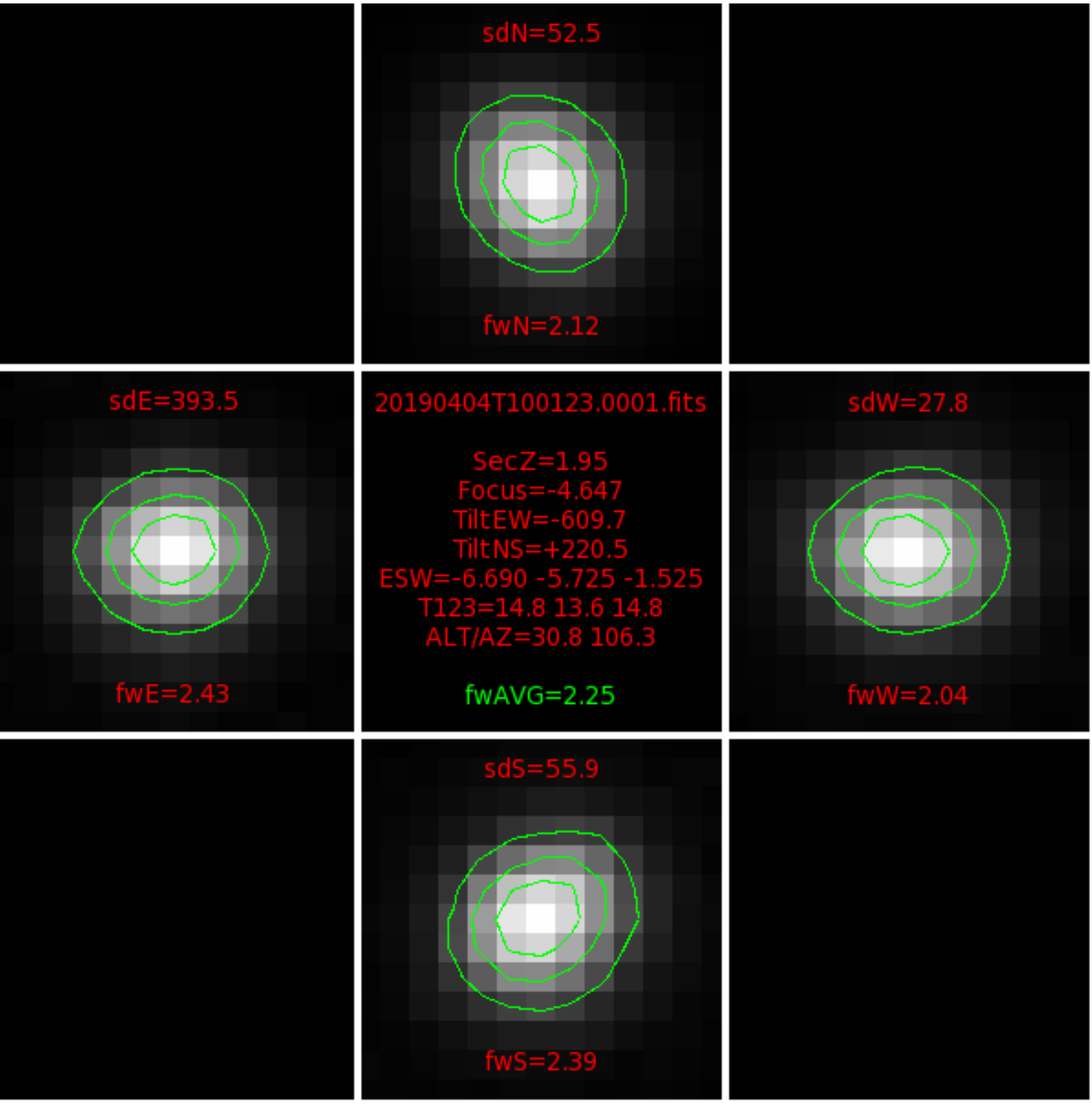

sdN=12.7
fwN=2.20
sdE=432.9
fwE=2.44
20190404T095334.0001.fits
SecZ=1.69
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.8 13.7 14.8
ALT/AZ=36.4 105.2
fwAVG=2.28
sdW=825.5
fwW=2.15
sdS=159.5
fwS=2.32
0 0 0 0 0 0 0 0 0

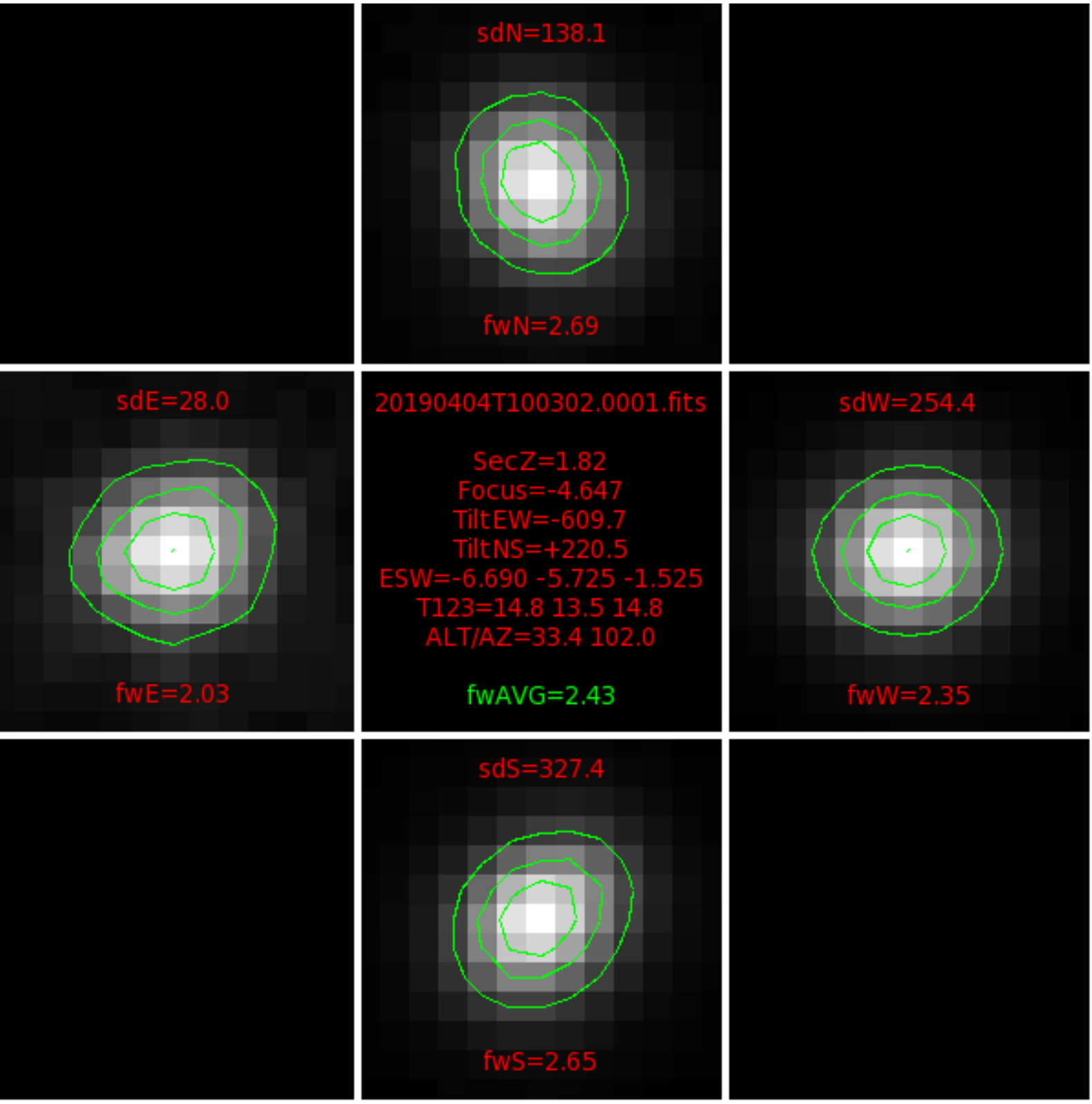

sdN=94.4
fwN=2.46
sdE=980.2
fwE=2.22
20190404T095515.0001.fits
SecZ=1.72
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.8 13.7 14.8
ALT/AZ=35.7 103.4
fwAVG=2.28
sdW=66.7
fwW=2.14
sdS=197.5
fwS=2.28
0 0 0 0 0 0 0 0 0

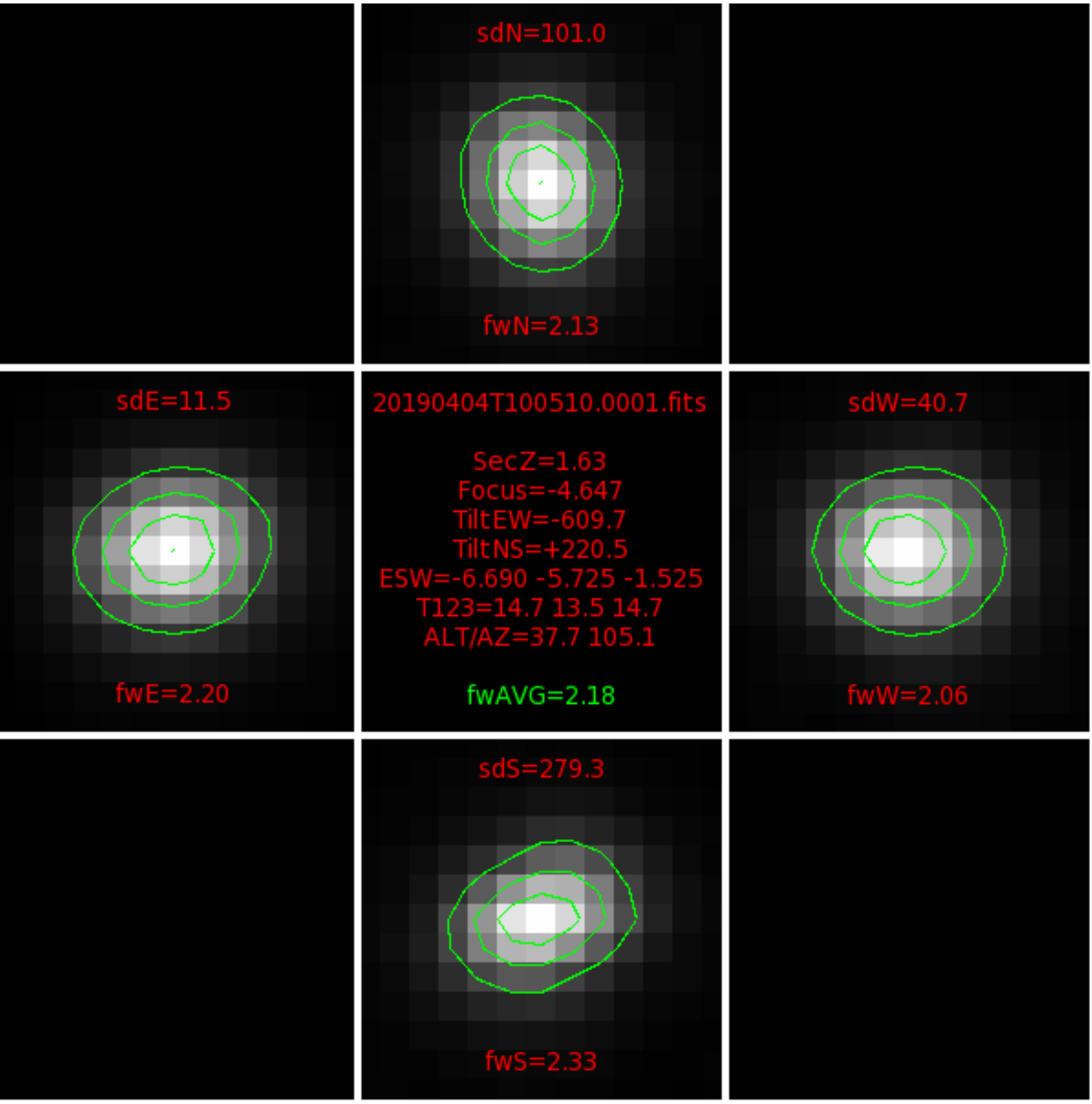

sdN=461.2
fwN=2.34
sdE=73.7
fwE=2.38
20190404T095656.0001.fits
SecZ=1.75
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.8 13.6 14.8
ALT/AZ=34.9 101.7
fwAVG=2.36
sdW=74.1
fwW=2.26
sdS=83.4
fwS=2.45
0 0 0 0 0 0 0 0 0

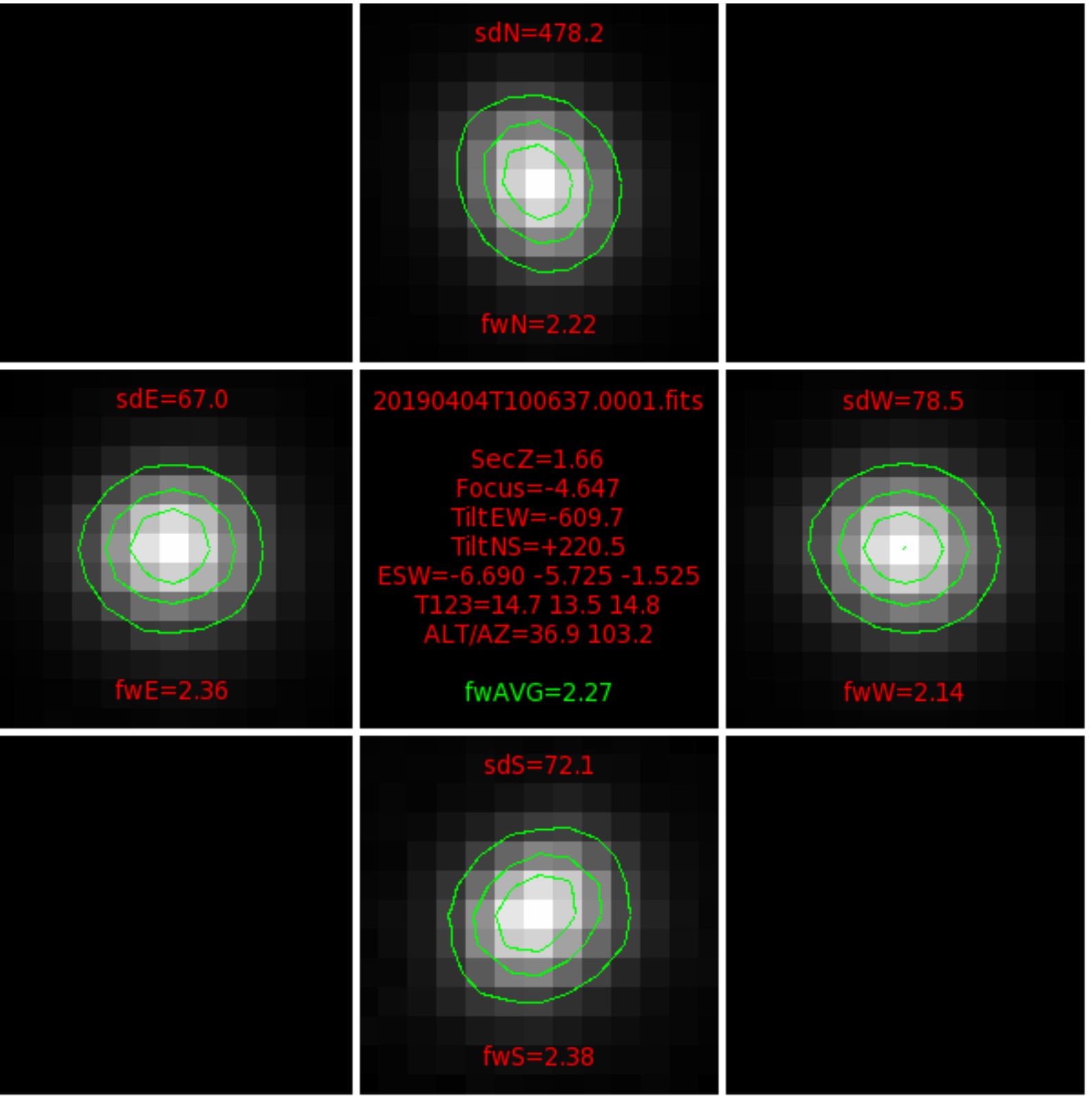

sdN=41.9
fwN=2.12
sdE=350.2
fwE=2.32
20190404T095823.0001.fits
SecZ=1.89
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.8 13.6 14.8
ALT/AZ=31.9 104.6
fwAVG=2.14
sdW=301.3
fwW=1.94
sdS=528.0
fwS=2.17
0 0 0 0 0 0 0 0 0

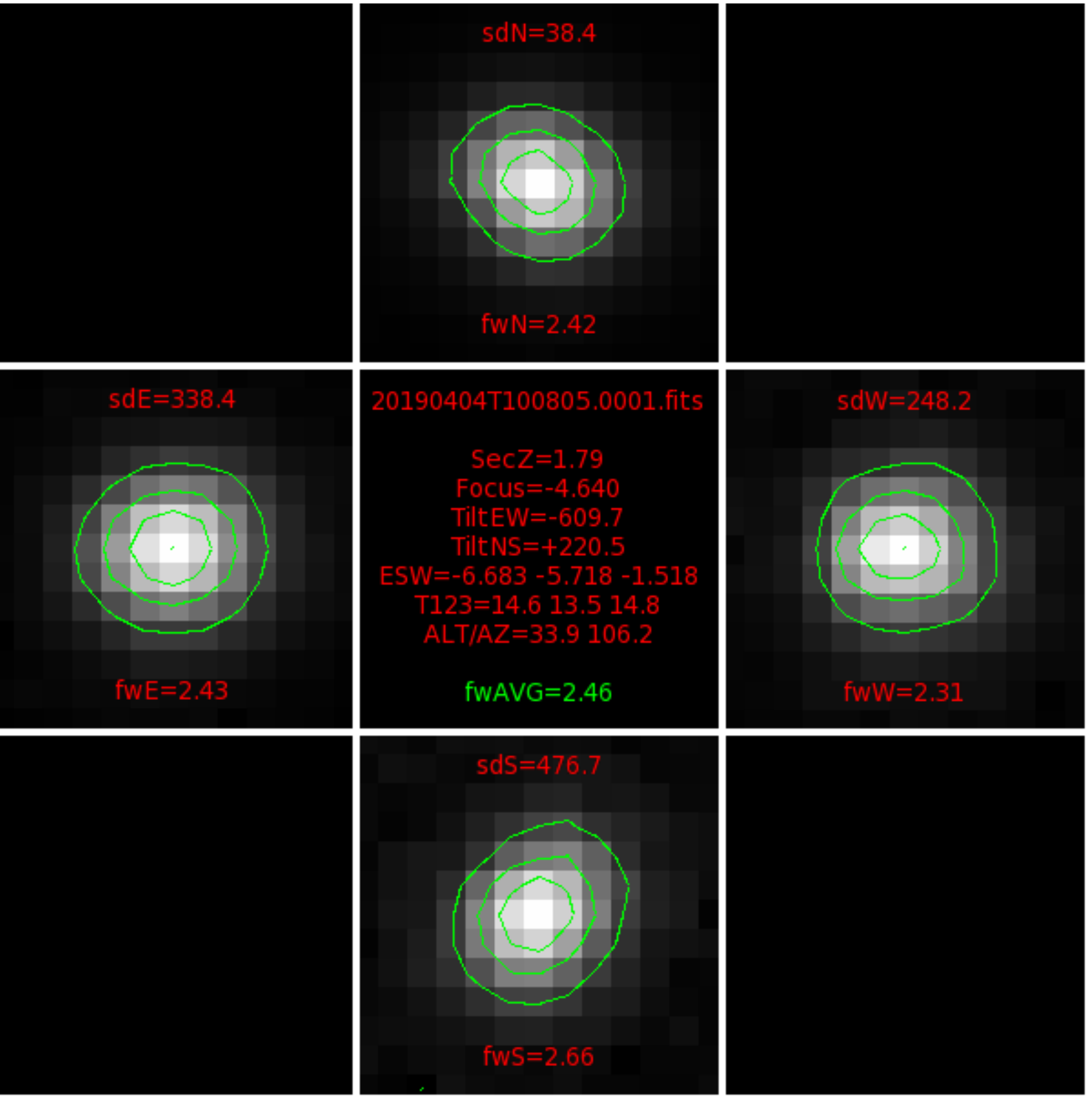

sdN=30.7
fwN=2.17
sdE=221.2
fwE=2.26
20190404T095953.0001.fits
SecZ=1.77
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.8 13.6 14.8
ALT/AZ=34.4 100.1
fwAVG=2.17
sdW=427.3
fwW=1.98
sdS=43.0
fwS=2.26
0 0 0 0 0 0 0 0 0

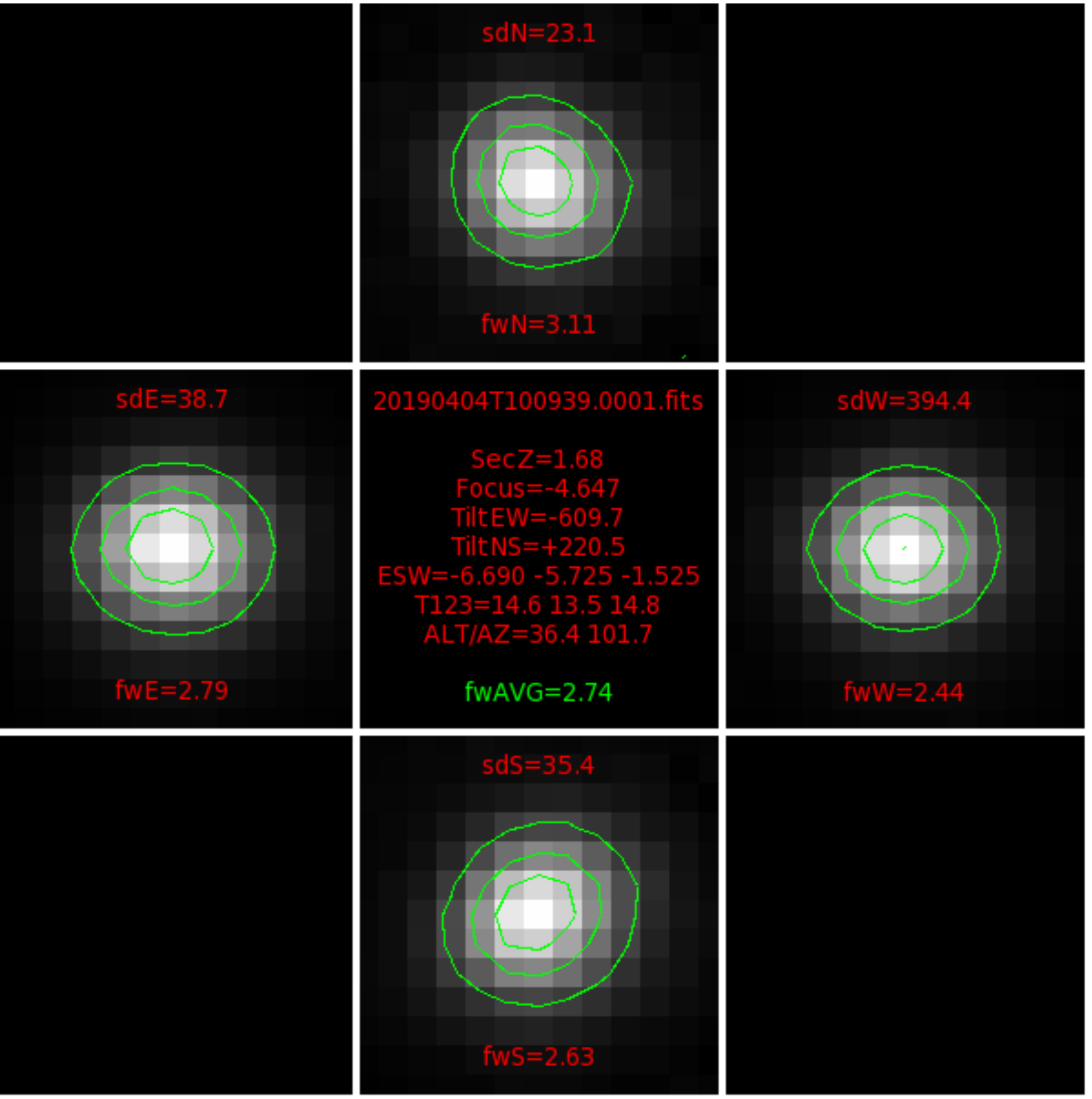

sdN=52.5
fwN=2.12
sdE=393.5
fwE=2.43
20190404T100123.0001.fits
SecZ=1.95
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.8 13.6 14.8
ALT/AZ=30.8 106.3
fwAVG=2.25
sdW=27.8
fwW=2.04
sdS=55.9
fwS=2.39
0 0 0 0 0 0 0 0 0

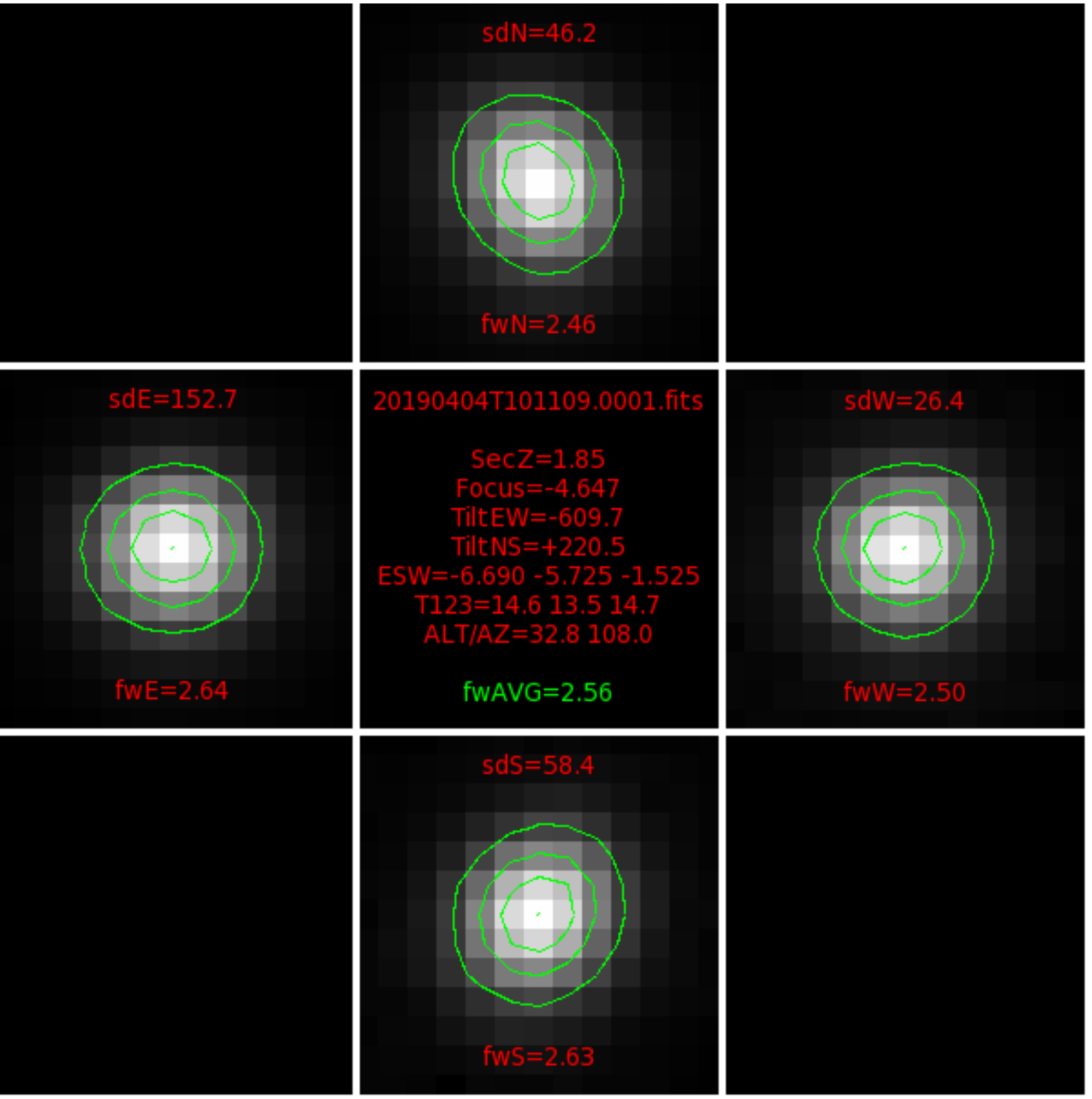

sdN=138.1
fwN=2.69
sdE=28.0
fwE=2.03
20190404T100302.0001.fits
SecZ=1.82
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.8 13.5 14.8
ALT/AZ=33.4 102.0
fwAVG=2.43
sdW=254.4
fwW=2.35
sdS=327.4
fwS=2.65
0 0 0 0 0 0 0 0 0

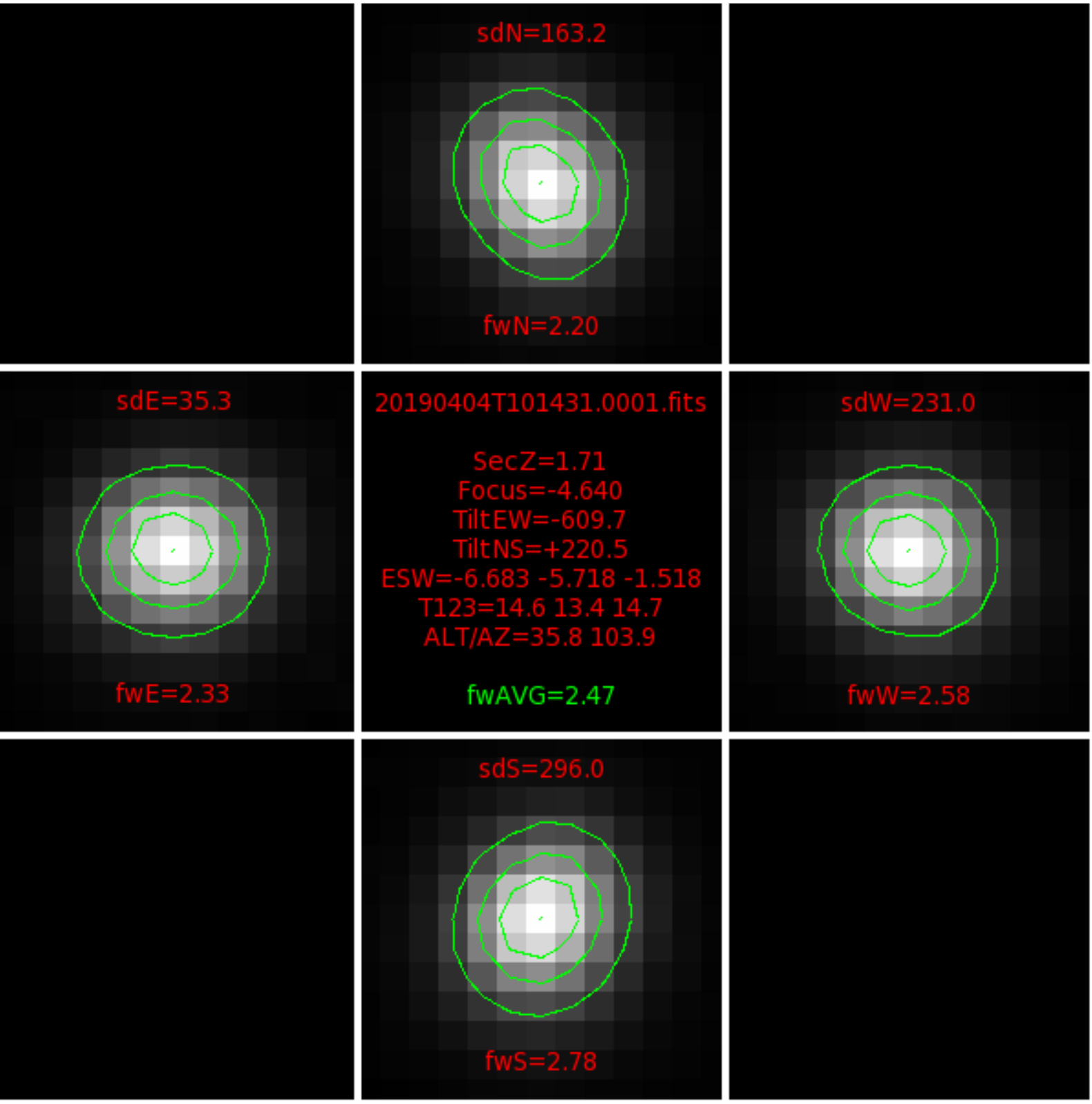

sdN=101.0
fwN=2.13
sdE=11.5
fwE=2.20
20190404T100510.0001.fits
SecZ=1.63
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.7 13.5 14.7
ALT/AZ=37.7 105.1
fwAVG=2.18
sdW=40.7
fwW=2.06
sdS=279.3
fwS=2.33
0 0 0 0 0 0 0 0 0

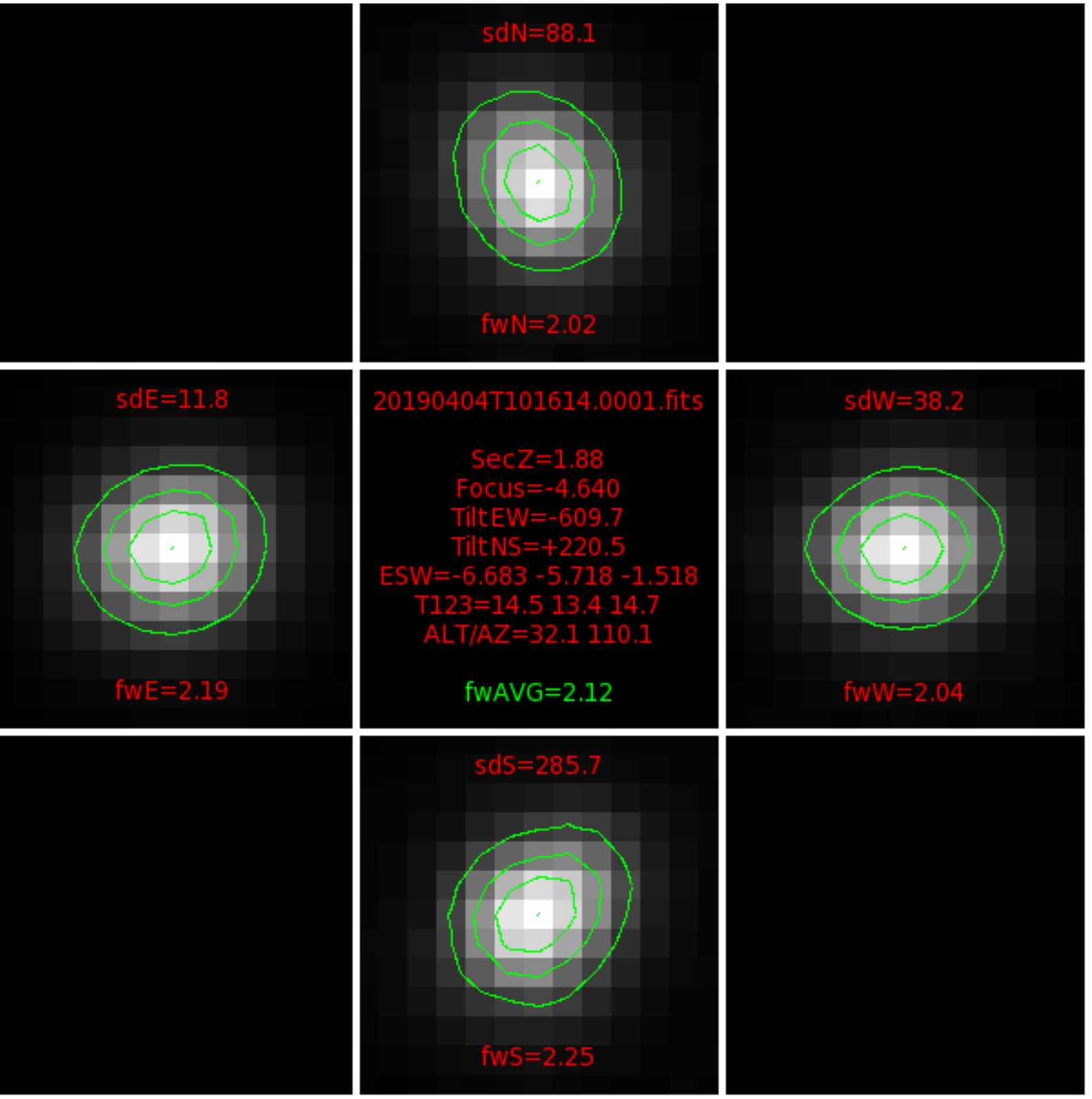

sdN=478.2
fwN=2.22
sdE=67.0
fwE=2.36
20190404T100637.0001.fits
SecZ=1.66
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.7 13.5 14.8
ALT/AZ=36.9 103.2
fwAVG=2.27
sdW=78.5
fwW=2.14
sdS=72.1
fwS=2.38
0 0 0 0 0 0 0 0 0

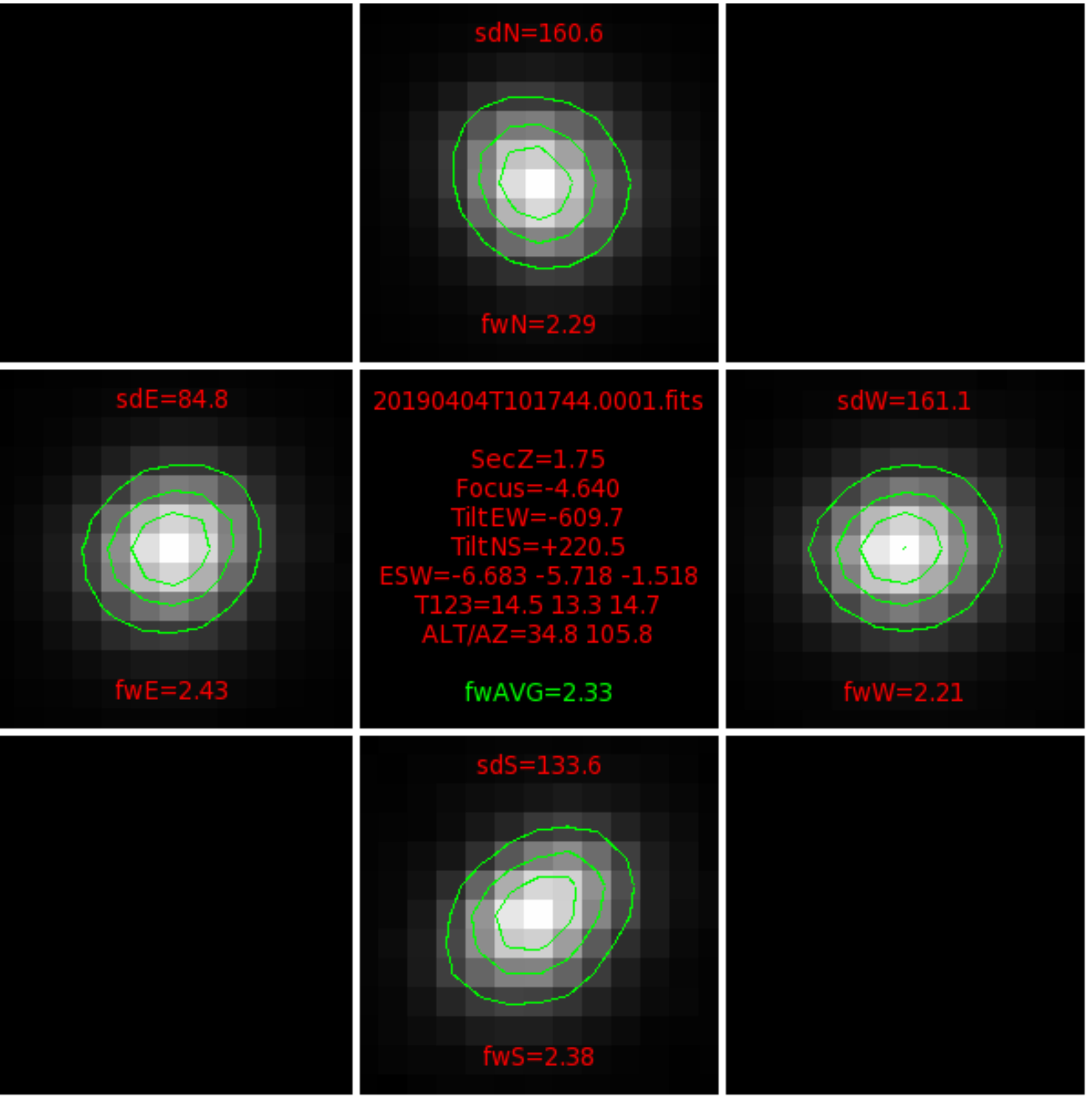

sdN=38.4
fwN=2.42
sdE=338.4
fwE=2.43
20190404T100805.0001.fits
SecZ=1.79
Focus=-4.640
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.683 -5.718 -1.518
T123=14.6 13.5 14.8
ALT/AZ=33.9 106.2
fwAVG=2.46
sdW=248.2
fwW=2.31
sdS=476.7
fwS=2.66
0 0 0 0 0 0 0 0 0

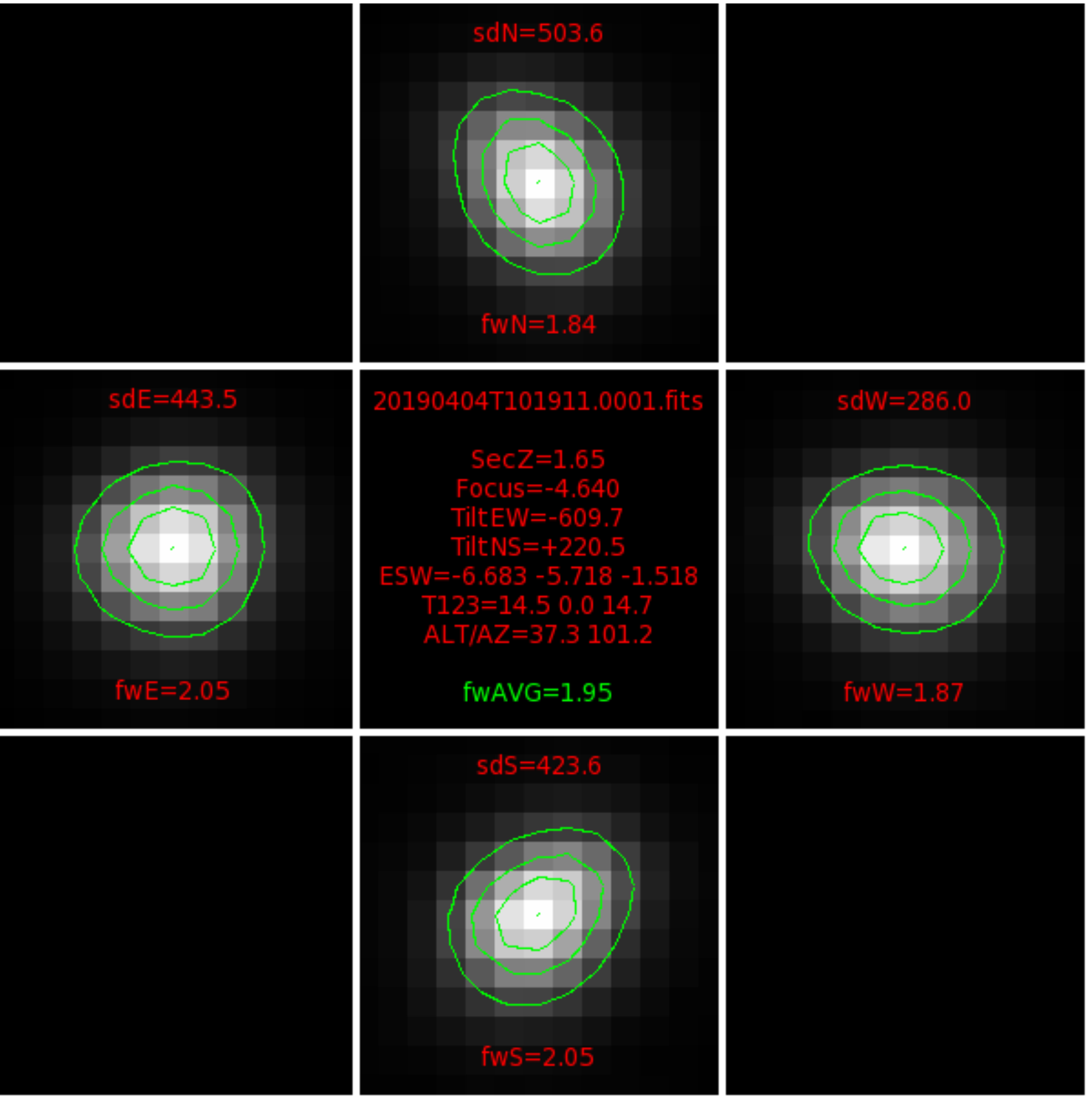

sdN=23.1
fwN=3.11
sdE=38.7
fwE=2.79
20190404T100939.0001.fits
SecZ=1.68
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.6 13.5 14.8
ALT/AZ=36.4 101.7
fwAVG=2.74
sdW=394.4
fwW=2.44
sdS=35.4
fwS=2.63
0 0 0 0 0 0 0 0 0

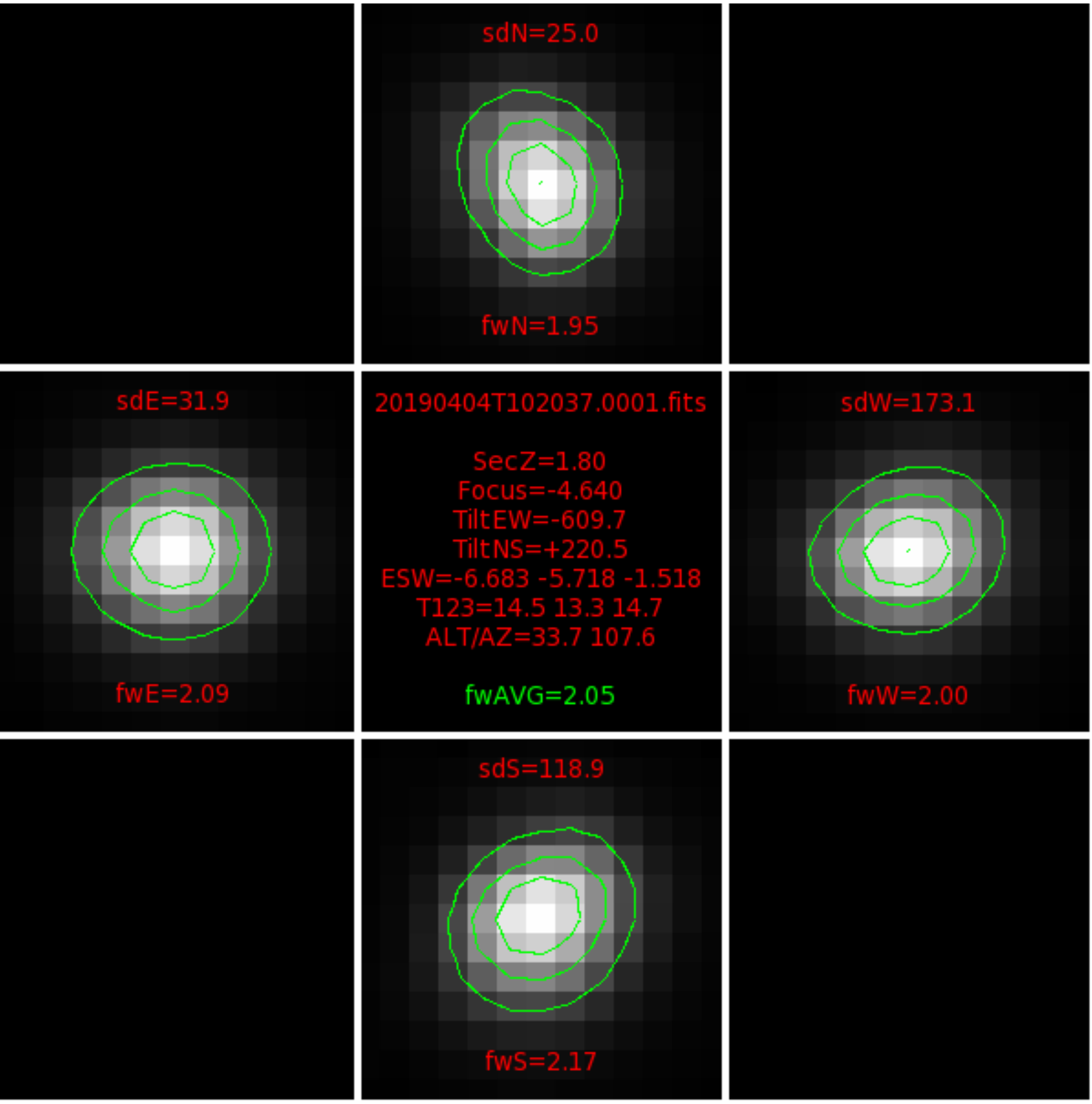

sdN=46.2
fwN=2.46
sdE=152.7
fwE=2.64
20190404T101109.0001.fits
SecZ=1.85
Focus=-4.647
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.690 -5.725 -1.525
T123=14.6 13.5 14.7
ALT/AZ=32.8 108.0
fwAVG=2.56
sdW=26.4
fwW=2.50
sdS=58.4
fwS=2.63
0 0 0 0 0 0 0 0 0

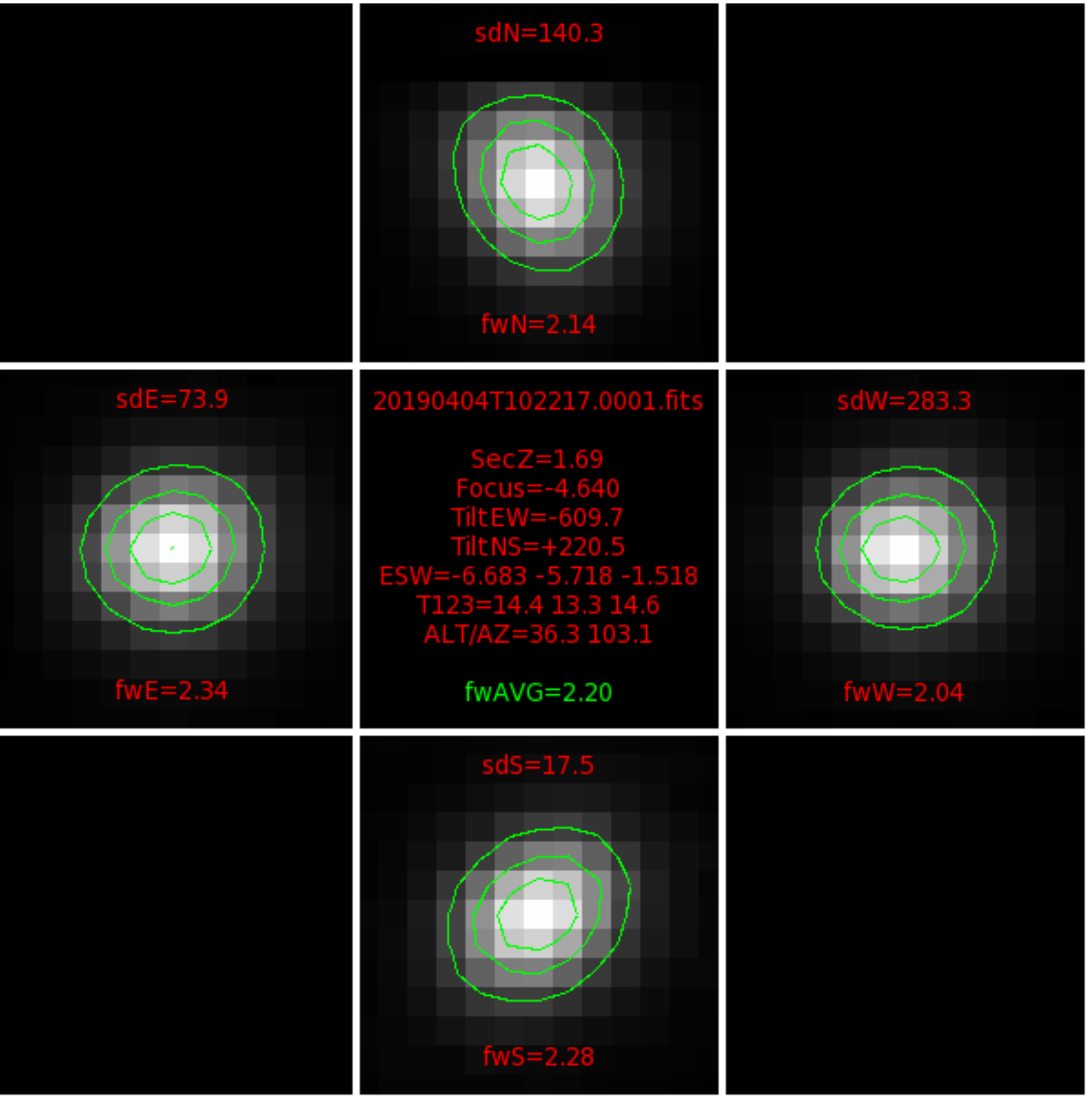

sdN=163.2
fwN=2.20
sdE=35.3
fwE=2.33
20190404T101431.0001.fits
SecZ=1.71
Focus=-4.640
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.683 -5.718 -1.518
T123=14.6 13.4 14.7
ALT/AZ=35.8 103.9
fwAVG=2.47
sdW=231.0
fwW=2.58
sdS=296.0
fwS=2.78
0 0 0 0 0 0 0 0 0

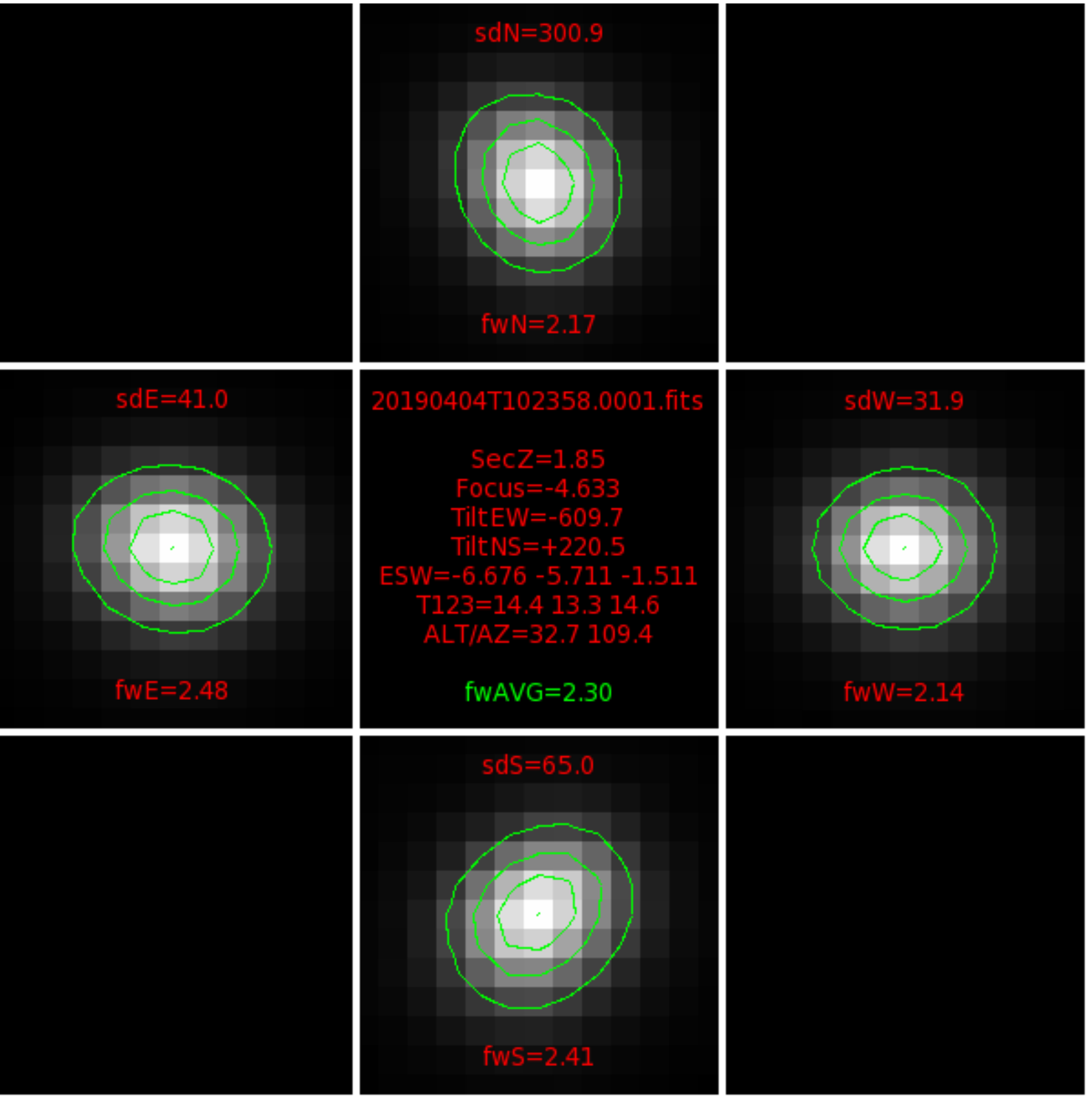

sdN=88.1
fwN=2.02
sdE=11.8
fwE=2.19
20190404T101614.0001.fits
SecZ=1.88
Focus=-4.640
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.683 -5.718 -1.518
T123=14.5 13.4 14.7
ALT/AZ=32.1 110.1
fwAVG=2.12
sdW=38.2
fwW=2.04
sdS=285.7
fwS=2.25
0 0 0 0 0 0 0 0 0

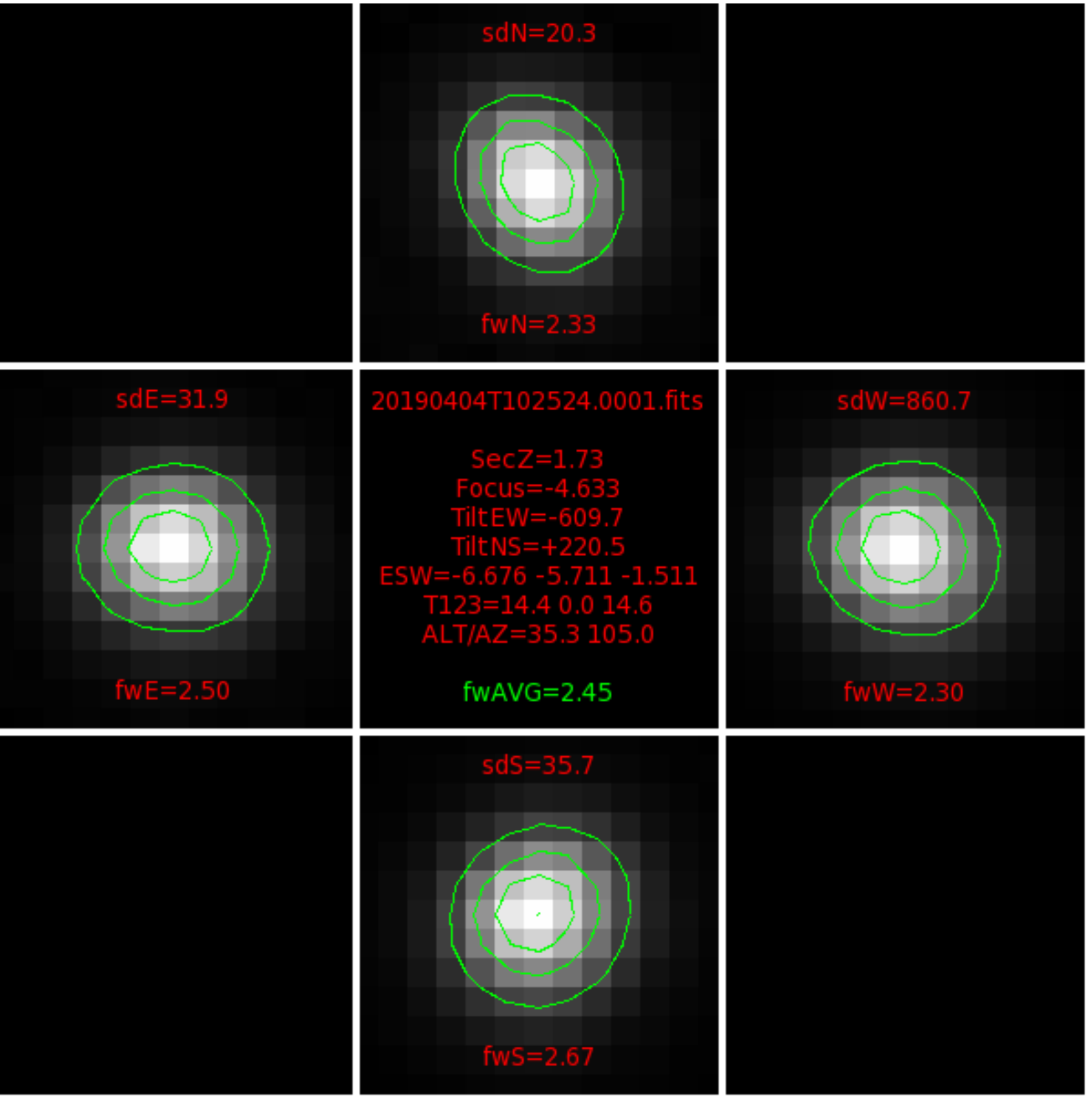

sdN=160.6
fwN=2.29
sdE=84.8
fwE=2.43
20190404T101744.0001.fits
SecZ=1.75
Focus=-4.640
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.683 -5.718 -1.518
T123=14.5 13.3 14.7
ALT/AZ=34.8 105.8
fwAVG=2.33
sdW=161.1
fwW=2.21
sdS=133.6
fwS=2.38
0 0 0 0 0 0 0 0 0

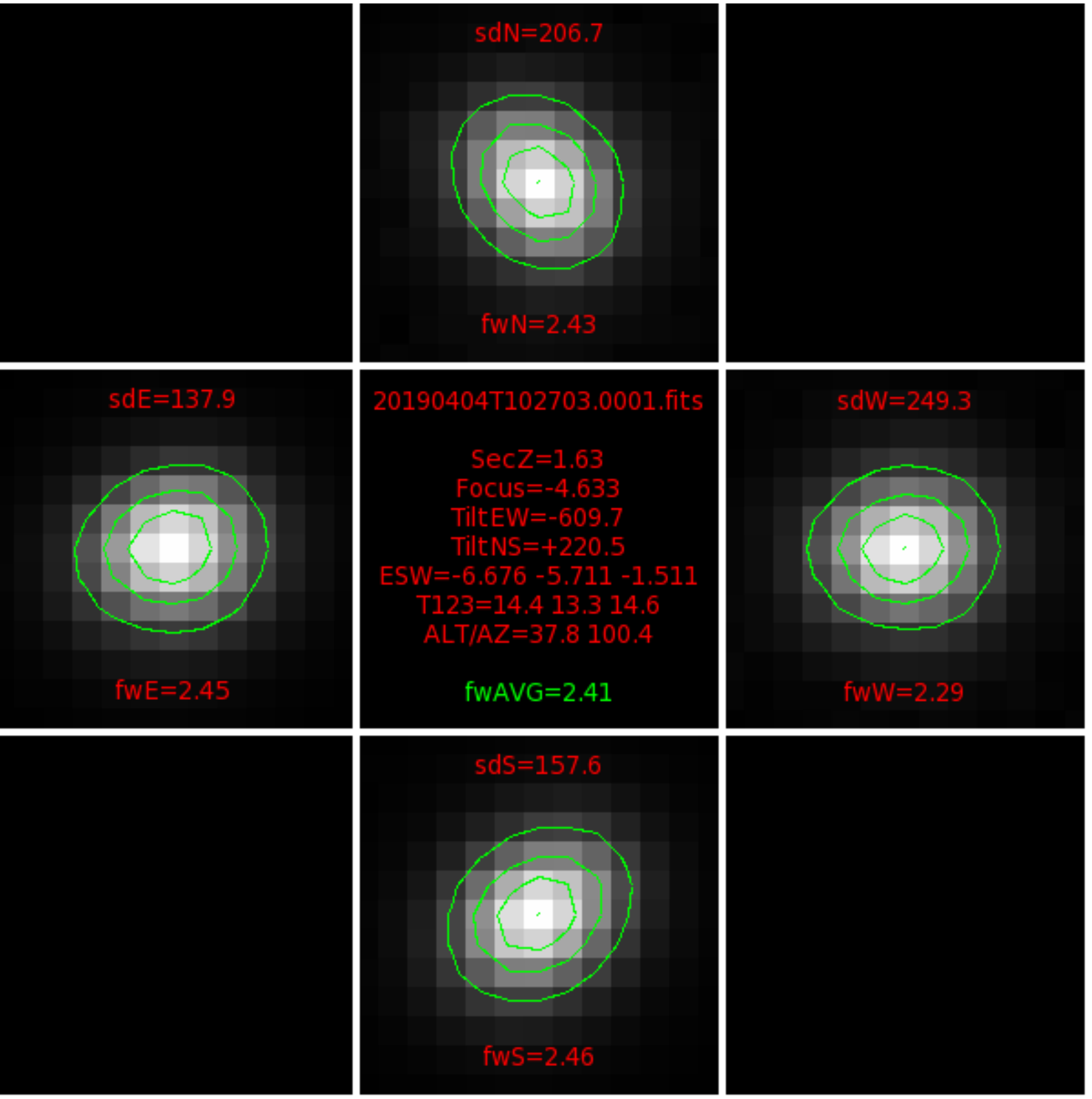

sdN=503.6
fwN=1.84
sdE=443.5
fwE=2.05
20190404T101911.0001.fits
SecZ=1.65
Focus=-4.640
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.683 -5.718 -1.518
T123=14.5 0.0 14.7
ALT/AZ=37.3 101.2
fwAVG=1.95
sdW=286.0
fwW=1.87
sdS=423.6
fwS=2.05
0 0 0 0 0 0 0 0 0

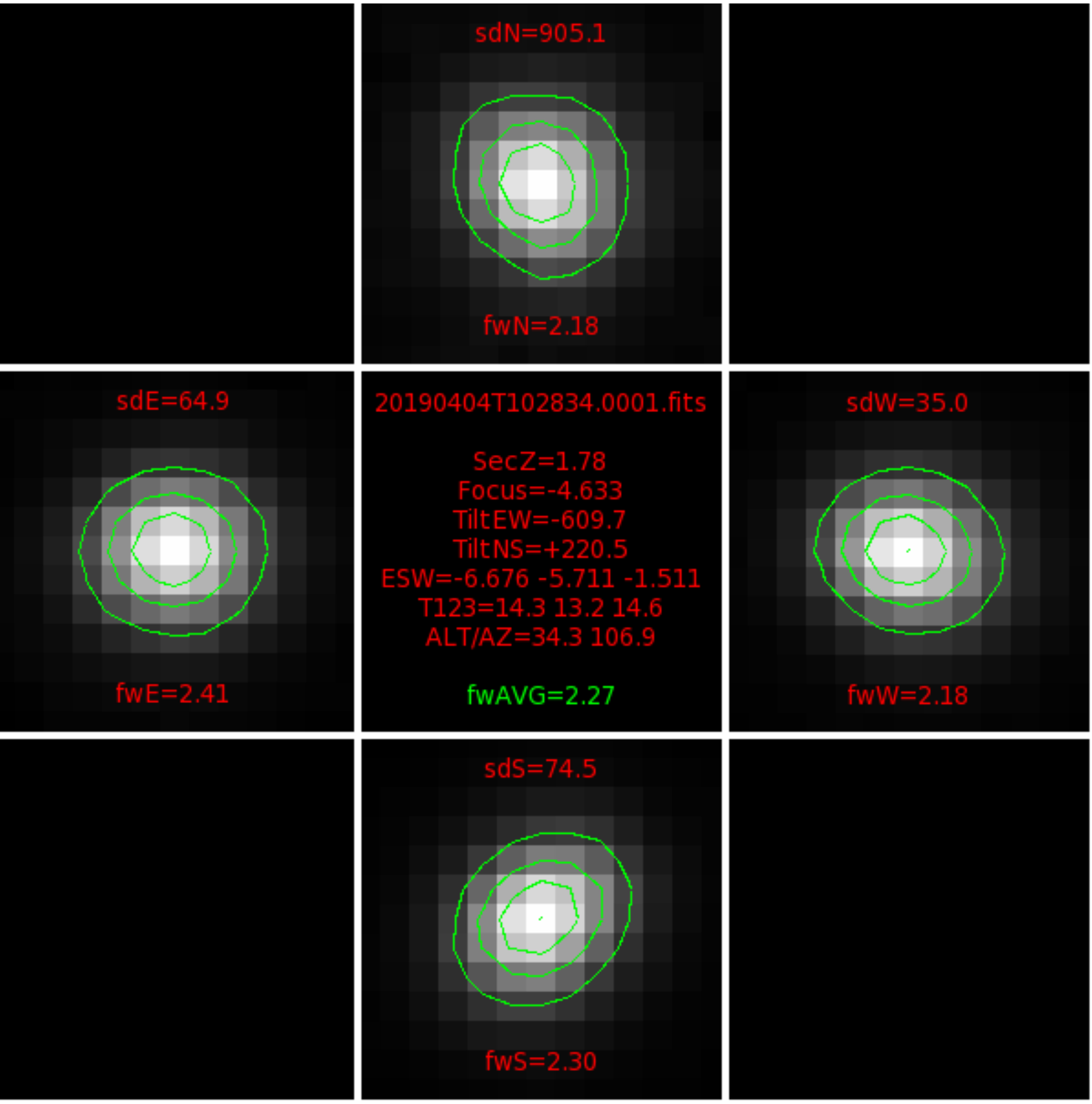

sdN=25.0
fwN=1.95
sdE=31.9
fwE=2.09
20190404T102037.0001.fits
SecZ=1.80
Focus=-4.640
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.683 -5.718 -1.518
T123=14.5 13.3 14.7
ALT/AZ=33.7 107.6
fwAVG=2.05
sdW=173.1
fwW=2.00
sdS=118.9
fwS=2.17
0 0 0 0 0 0 0 0 0

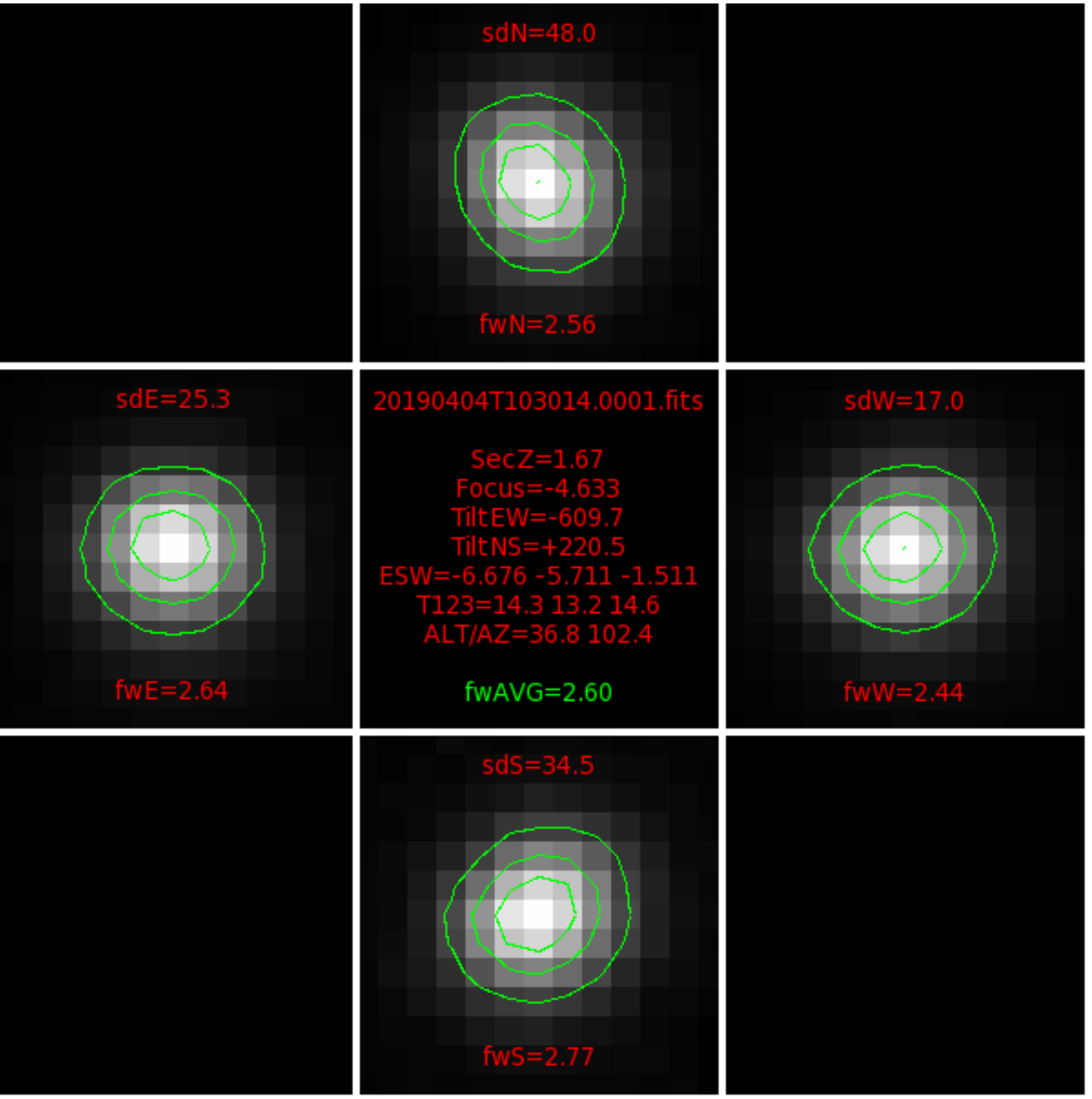

sdN=140.3
fwN=2.14
sdE=73.9
fwE=2.34
20190404T102217.0001.fits
SecZ=1.69
Focus=-4.640
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.683 -5.718 -1.518
T123=14.4 13.3 14.6
ALT/AZ=36.3 103.1
fwAVG=2.20
sdW=283.3
fwW=2.04
sdS=17.5
fwS=2.28
0 0 0 0 0 0 0 0 0

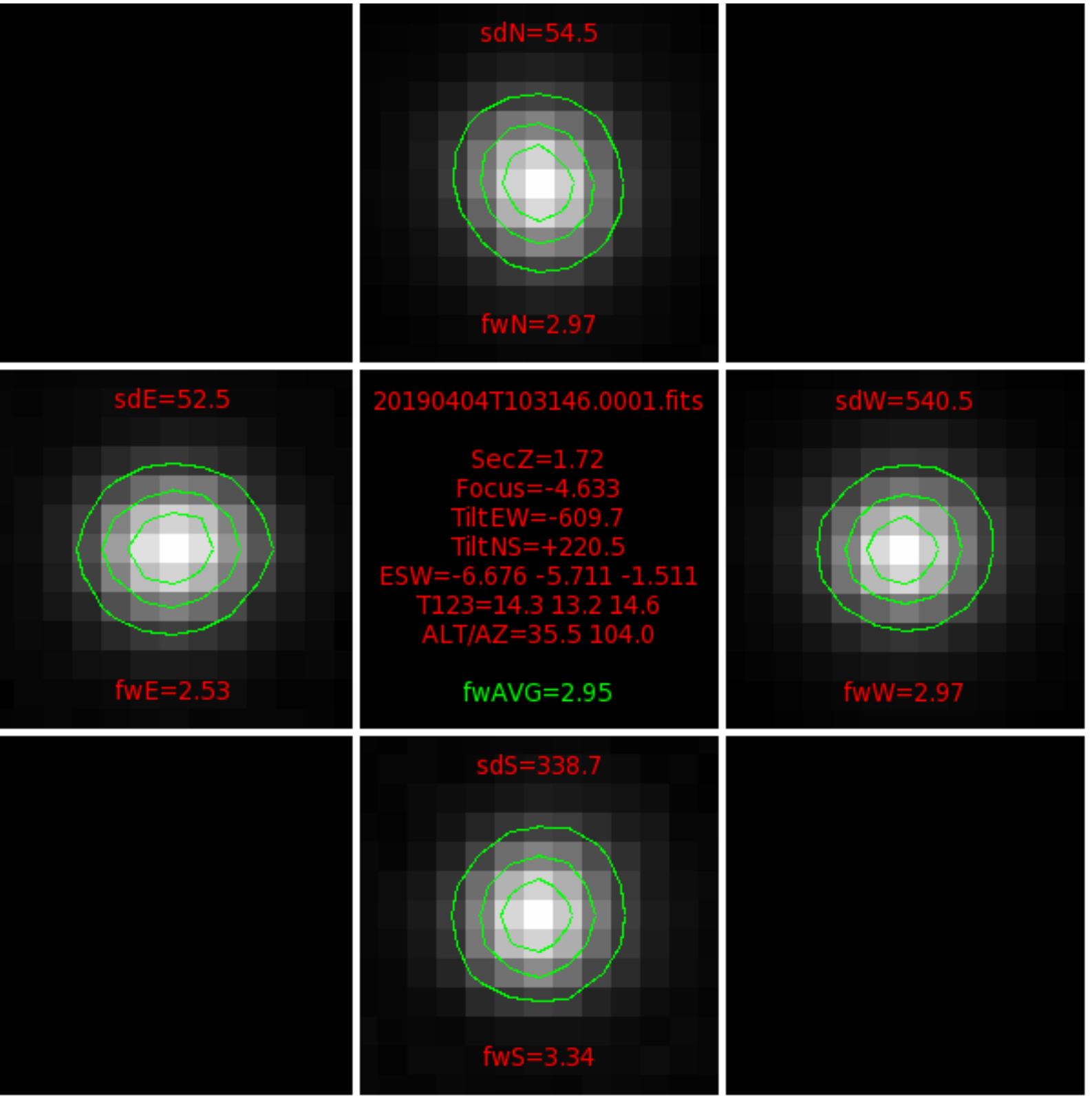

sdN=300.9
fwN=2.17
sdE=41.0
fwE=2.48
20190404T102358.0001.fits
SecZ=1.85
Focus=-4.633
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.676 -5.711 -1.511
T123=14.4 13.3 14.6
ALT/AZ=32.7 109.4
fwAVG=2.30
sdW=31.9
fwW=2.14
sdS=65.0
fwS=2.41
0 0 0 0 0 0 0 0 0

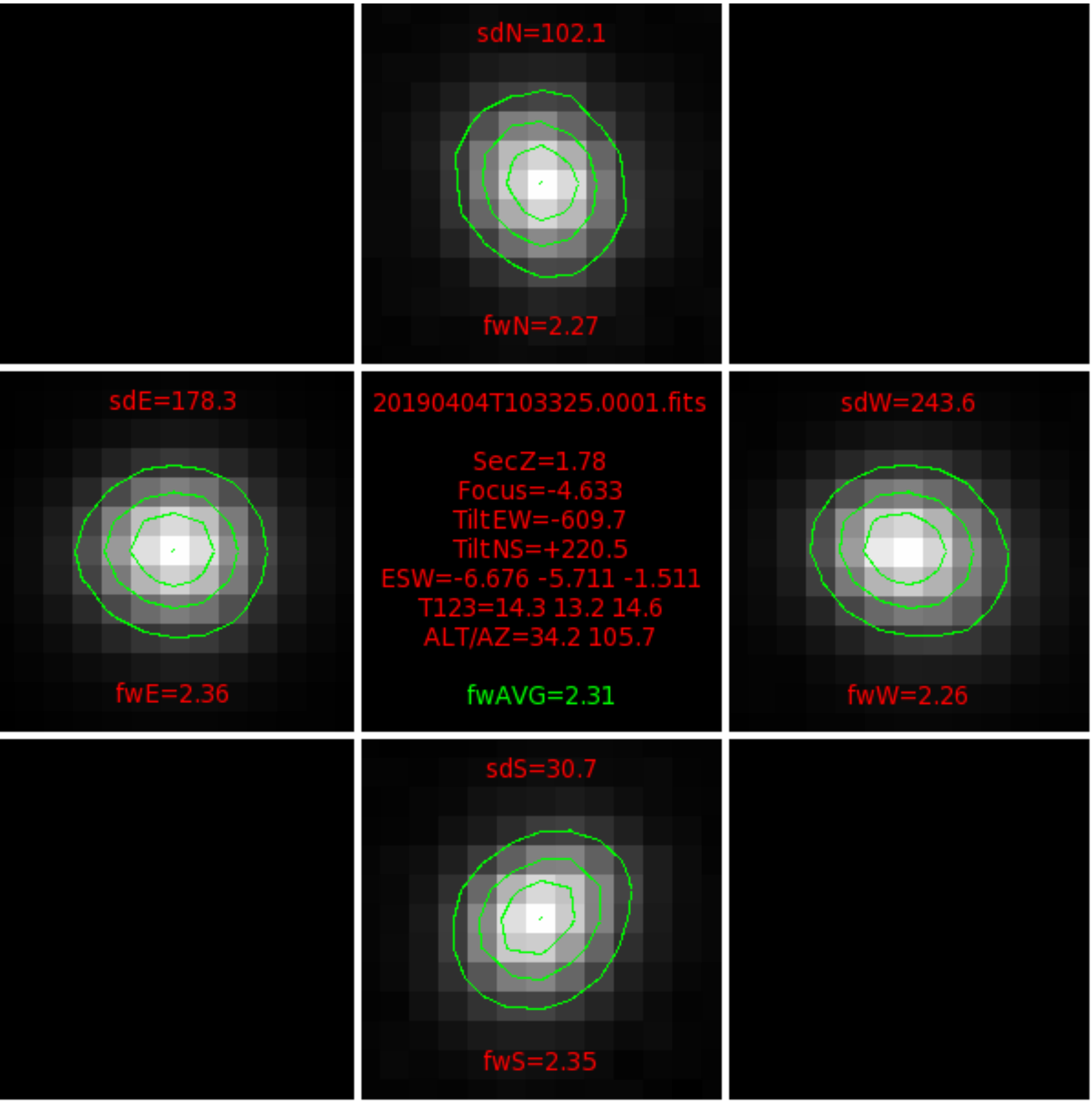

sdN=20.3
fwN=2.33
sdE=31.9
fwE=2.50
20190404T102524.0001.fits
SecZ=1.73
Focus=-4.633
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.676 -5.711 -1.511
T123=14.4 0.0 14.6
ALT/AZ=35.3 105.0
fwAVG=2.45
sdW=860.7
fwW=2.30
sdS=35.7
fwS=2.67
0 0 0 0 0 0 0 0 0

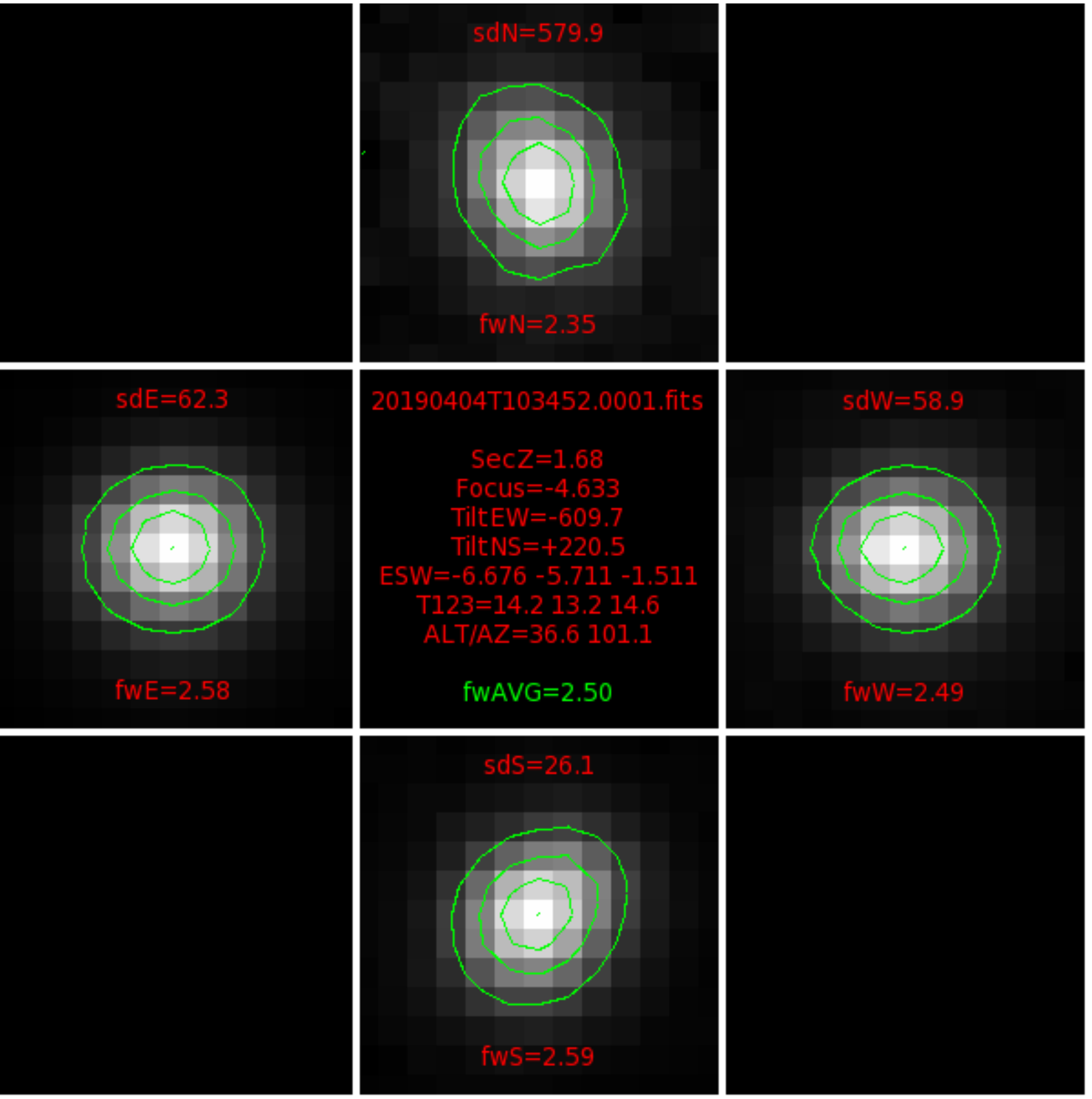

sdN=206.7
fwN=2.43
sdE=137.9
fwE=2.45
20190404T102703.0001.fits
SecZ=1.63
Focus=-4.633
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.676 -5.711 -1.511
T123=14.4 13.3 14.6
ALT/AZ=37.8 100.4
fwAVG=2.41
sdW=249.3
fwW=2.29
sdS=157.6
fwS=2.46
0 0 0 0 0 0 0 0 0

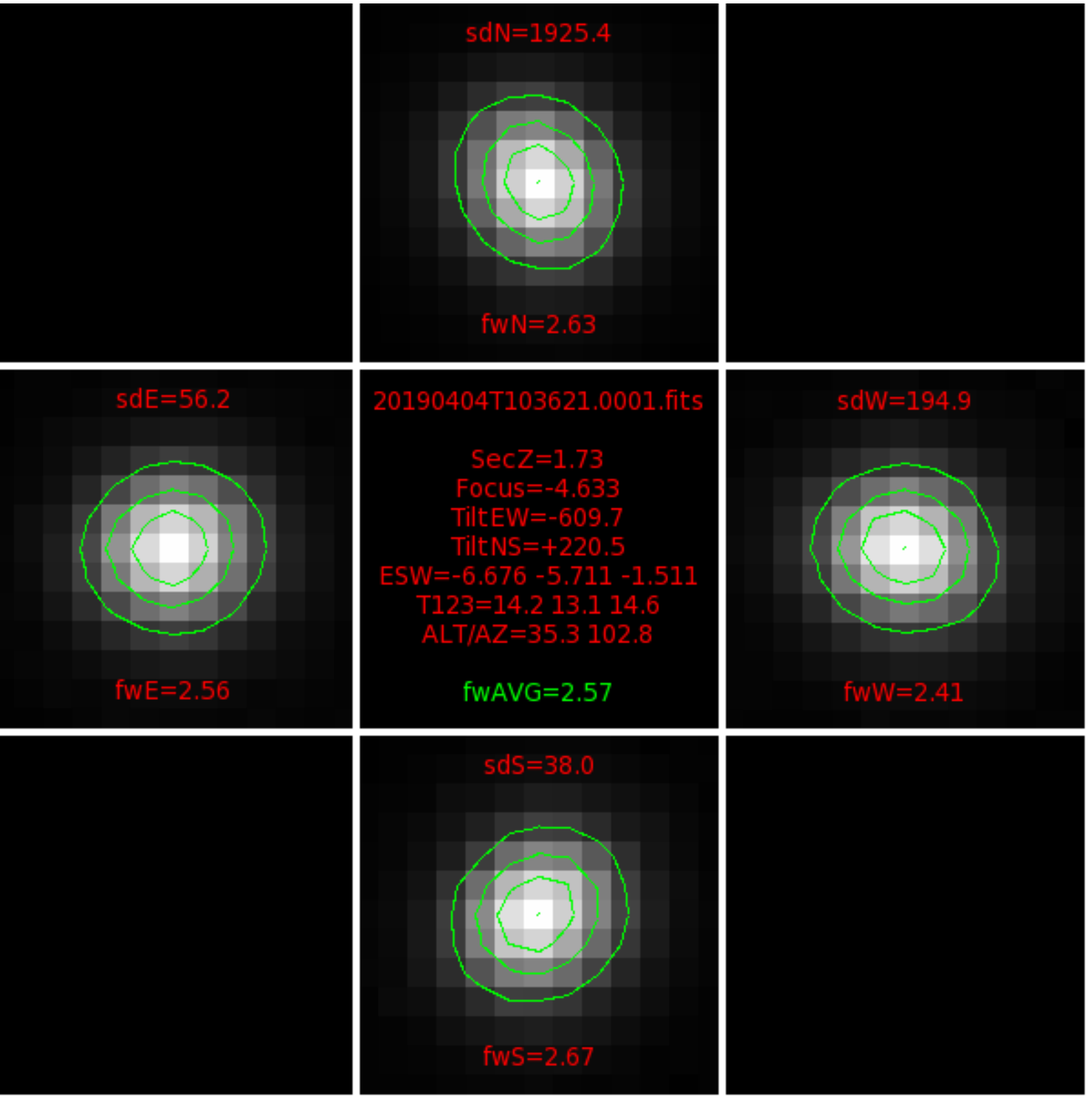

sdN=905.1
fwN=2.18
sdE=64.9
fwE=2.41
20190404T102834.0001.fits
SecZ=1.78
Focus=-4.633
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.676 -5.711 -1.511
T123=14.3 13.2 14.6
ALT/AZ=34.3 106.9
fwAVG=2.27
sdW=35.0
fwW=2.18
sdS=74.5
fwS=2.30
0 0 0 0 0 0 0 0 0

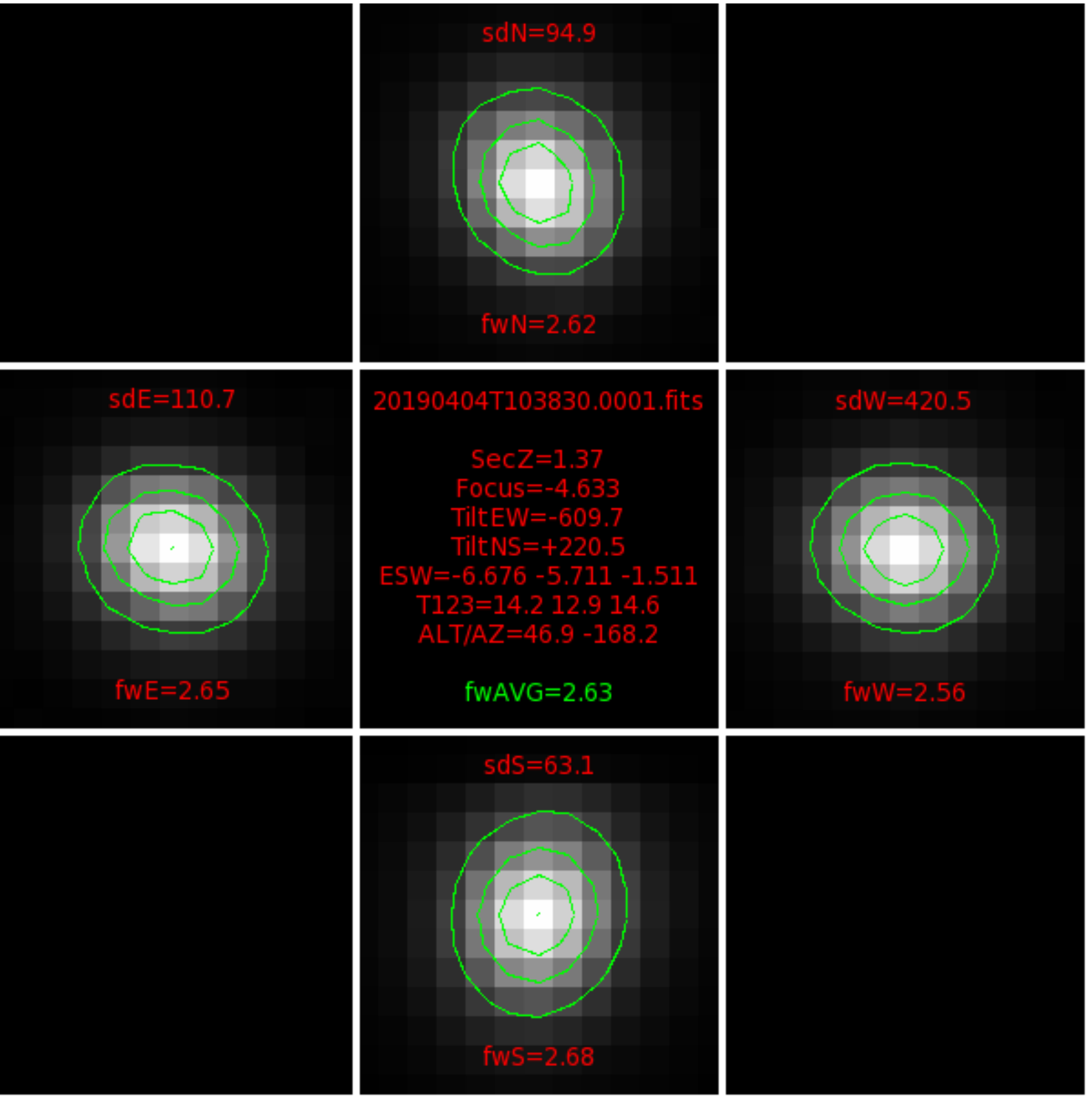

sdN=48.0
fwN=2.56
sdE=25.3
fwE=2.64
20190404T103014.0001.fits
SecZ=1.67
Focus=-4.633
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.676 -5.711 -1.511
T123=14.3 13.2 14.6
ALT/AZ=36.8 102.4
fwAVG=2.60
sdW=17.0
fwW=2.44
sdS=34.5
fwS=2.77
0 0 0 0 0 0 0 0 0

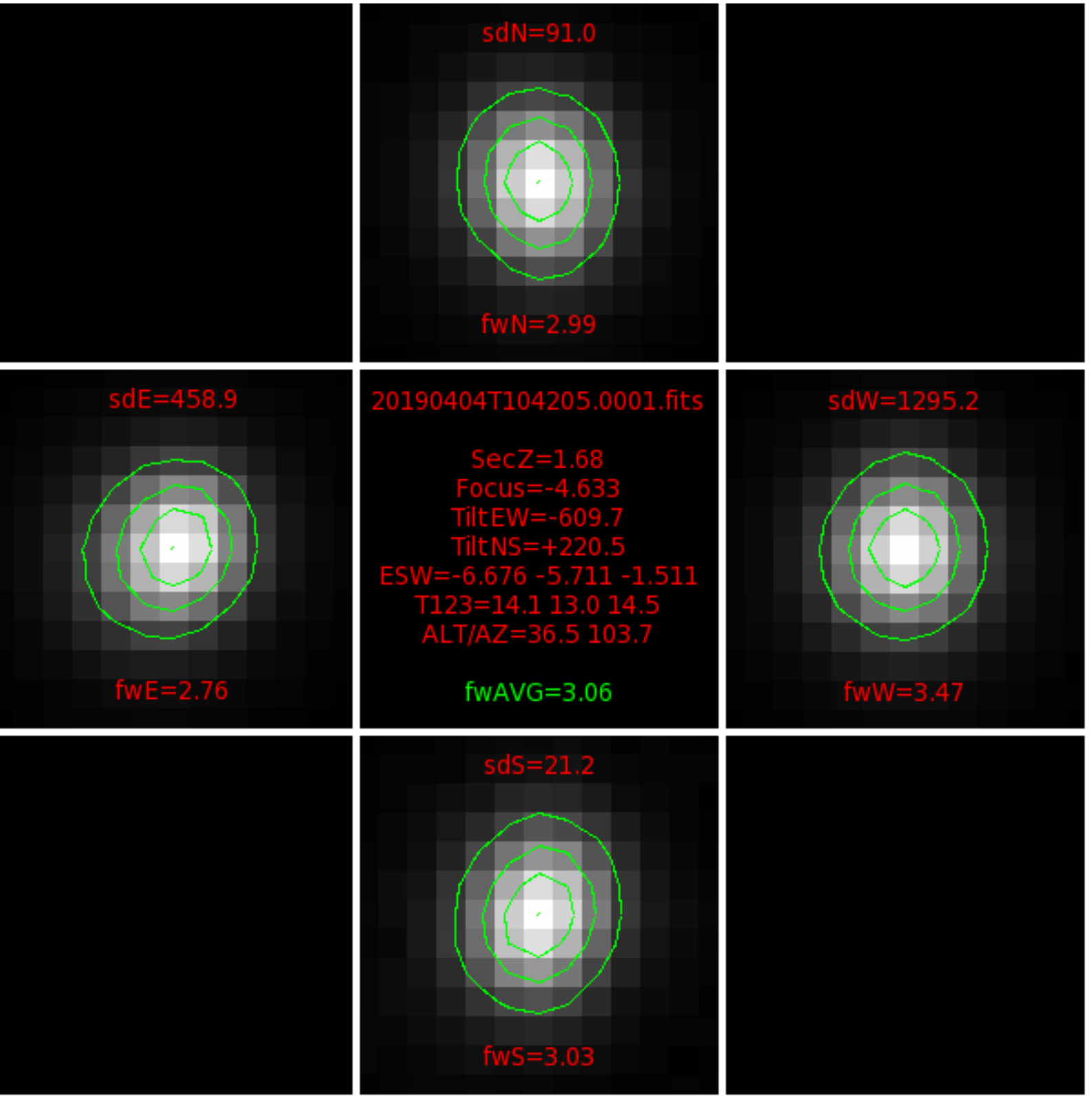

sdN=54.5
fwN=2.97
sdE=52.5
fwE=2.53
20190404T103146.0001.fits
SecZ=1.72
Focus=-4.633
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.676 -5.711 -1.511
T123=14.3 13.2 14.6
ALT/AZ=35.5 104.0
fwAVG=2.95
sdW=540.5
fwW=2.97
sdS=338.7
fwS=3.34
0 0 0 0 0 0 0 0 0

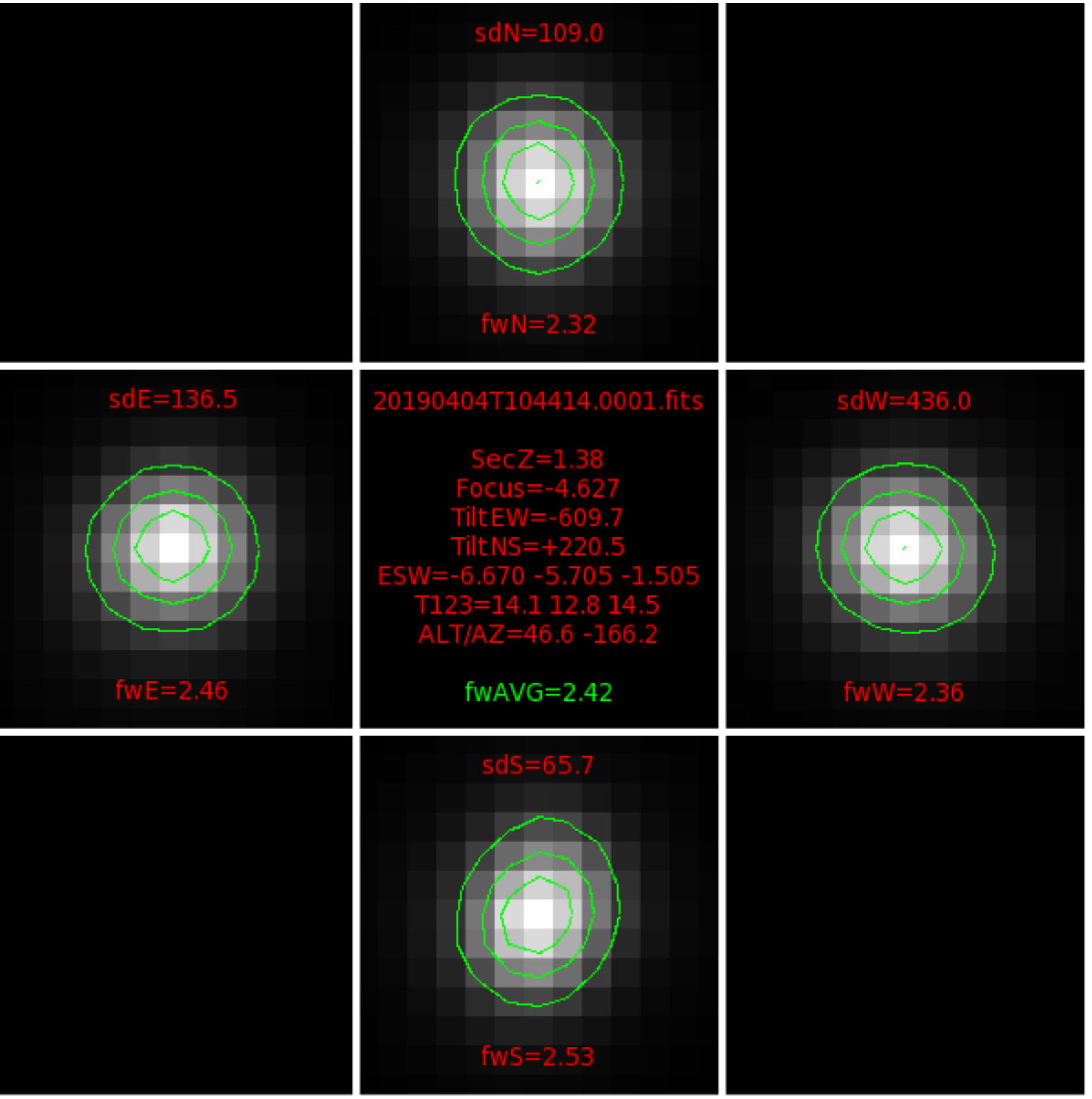

sdN=102.1
fwN=2.27
sdE=178.3
fwE=2.36
20190404T103325.0001.fits
SecZ=1.78
Focus=-4.633
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.676 -5.711 -1.511
T123=14.3 13.2 14.6
ALT/AZ=34.2 105.7
fwAVG=2.31
sdW=243.6
fwW=2.26
sdS=30.7
fwS=2.35
0 0 0 0 0 0 0 0 0

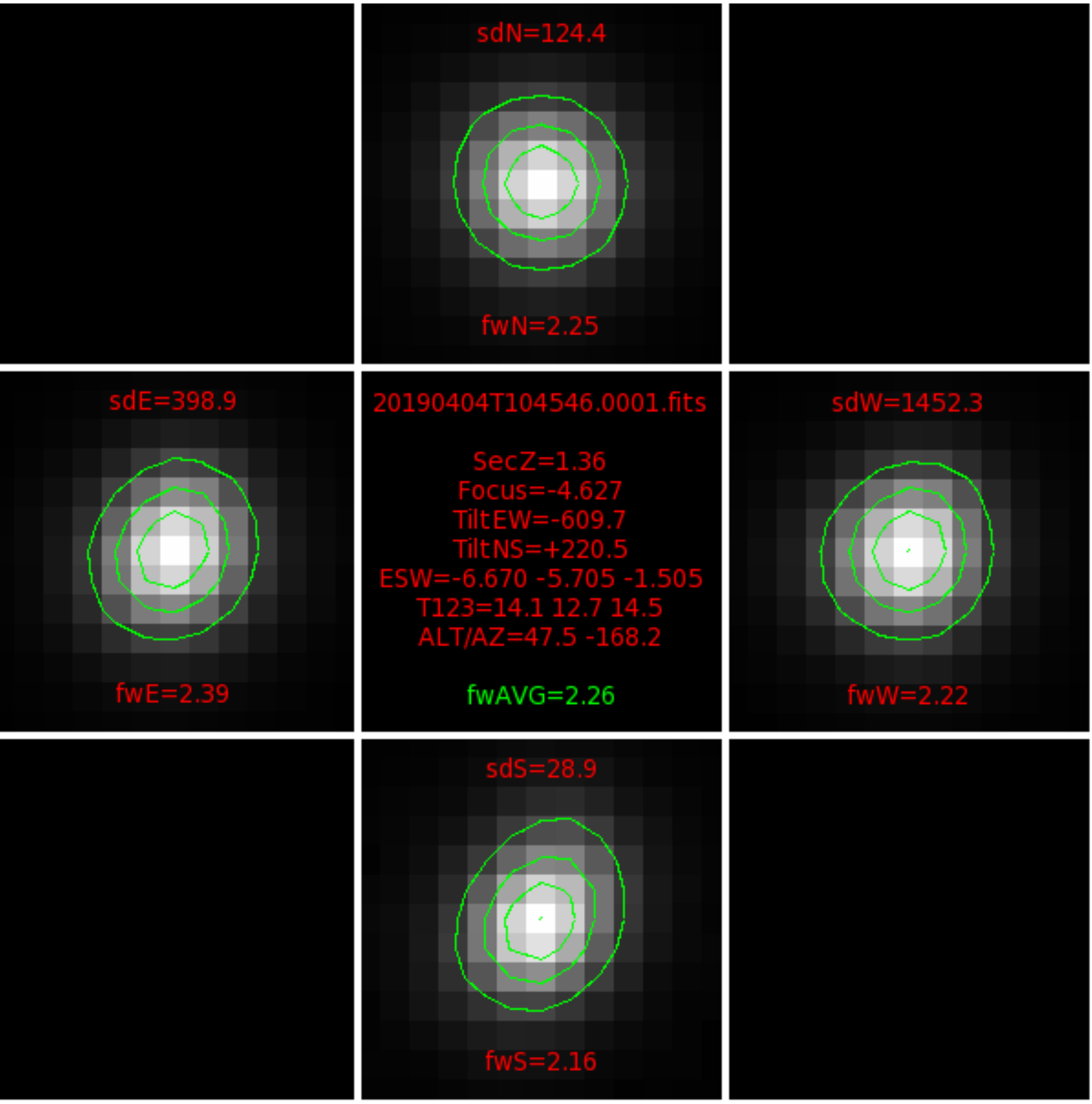

sdN=579.9
fwN=2.35
sdE=62.3
fwE=2.58
20190404T103452.0001.fits
SecZ=1.68
Focus=-4.633
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.676 -5.711 -1.511
T123=14.2 13.2 14.6
ALT/AZ=36.6 101.1
fwAVG=2.50
sdW=58.9
fwW=2.49
sdS=26.1
fwS=2.59
0 0 0 0 0 0 0 0 0

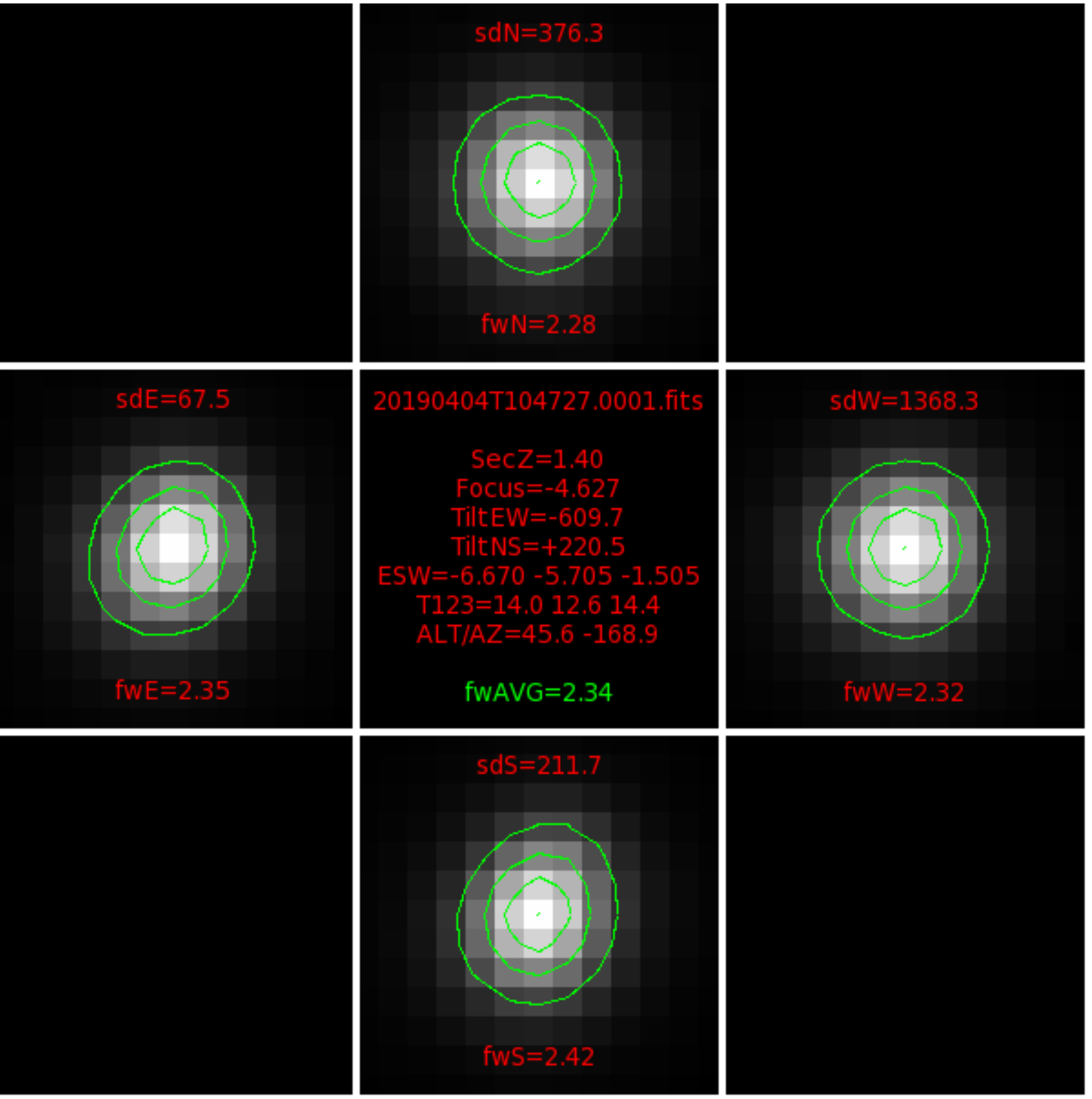

sdN=1925.4
fwN=2.63
sdE=56.2
fwE=2.56
20190404T103621.0001.fits
SecZ=1.73
Focus=-4.633
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.676 -5.711 -1.511
T123=14.2 13.1 14.6
ALT/AZ=35.3 102.8
fwAVG=2.57
sdW=194.9
fwW=2.41
sdS=38.0
fwS=2.67
0 0 0 0 0 0 0 0 0

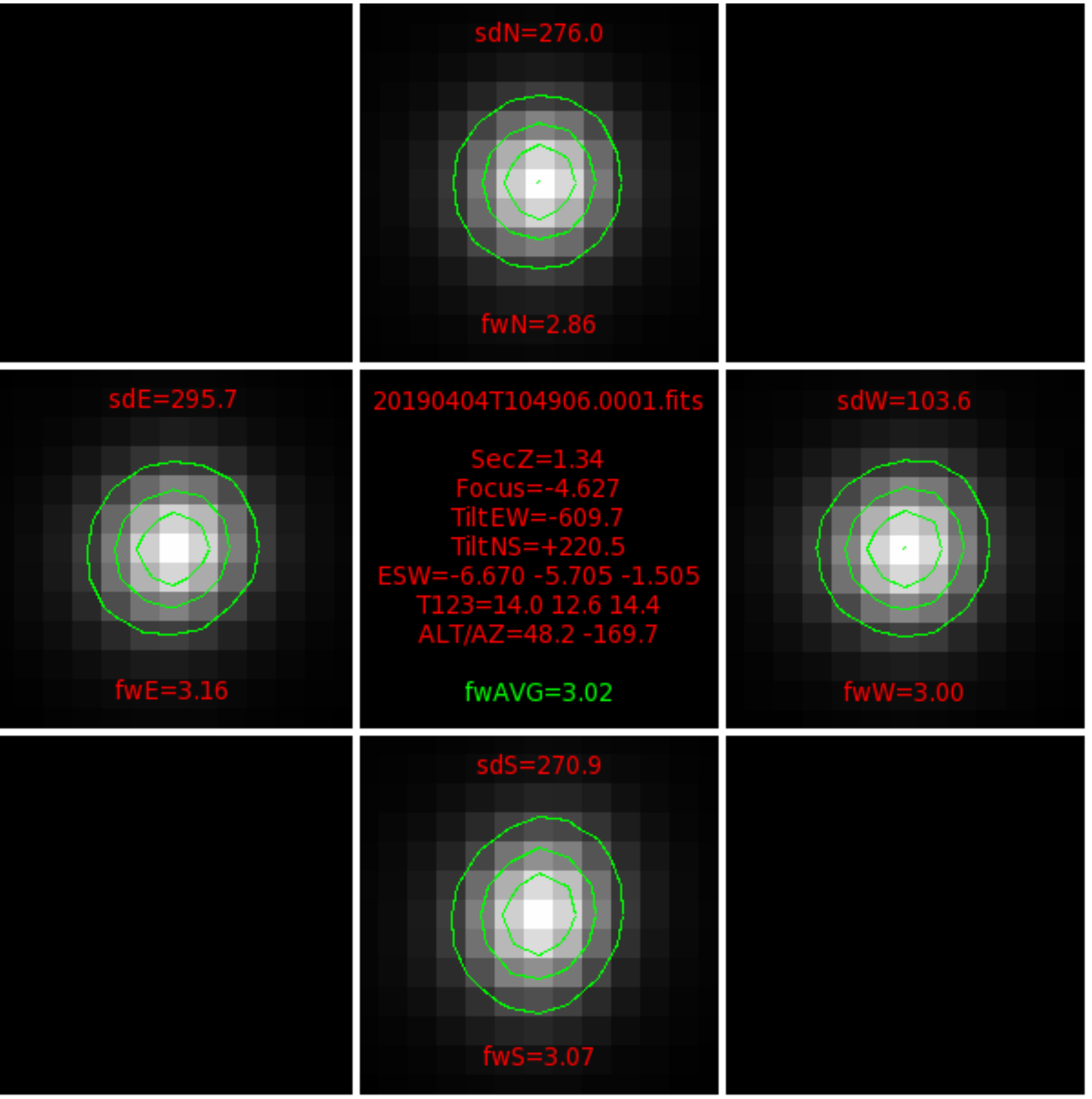

sdN=94.9
fwN=2.62
sdE=110.7
fwE=2.65
20190404T103830.0001.fits
SecZ=1.37
Focus=-4.633
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.676 -5.711 -1.511
T123=14.2 12.9 14.6
ALT/AZ=46.9 -168.2
fwAVG=2.63
sdW=420.5
fwW=2.56
sdS=63.1
fwS=2.68
0 0 0 0 0 0 0 0 0

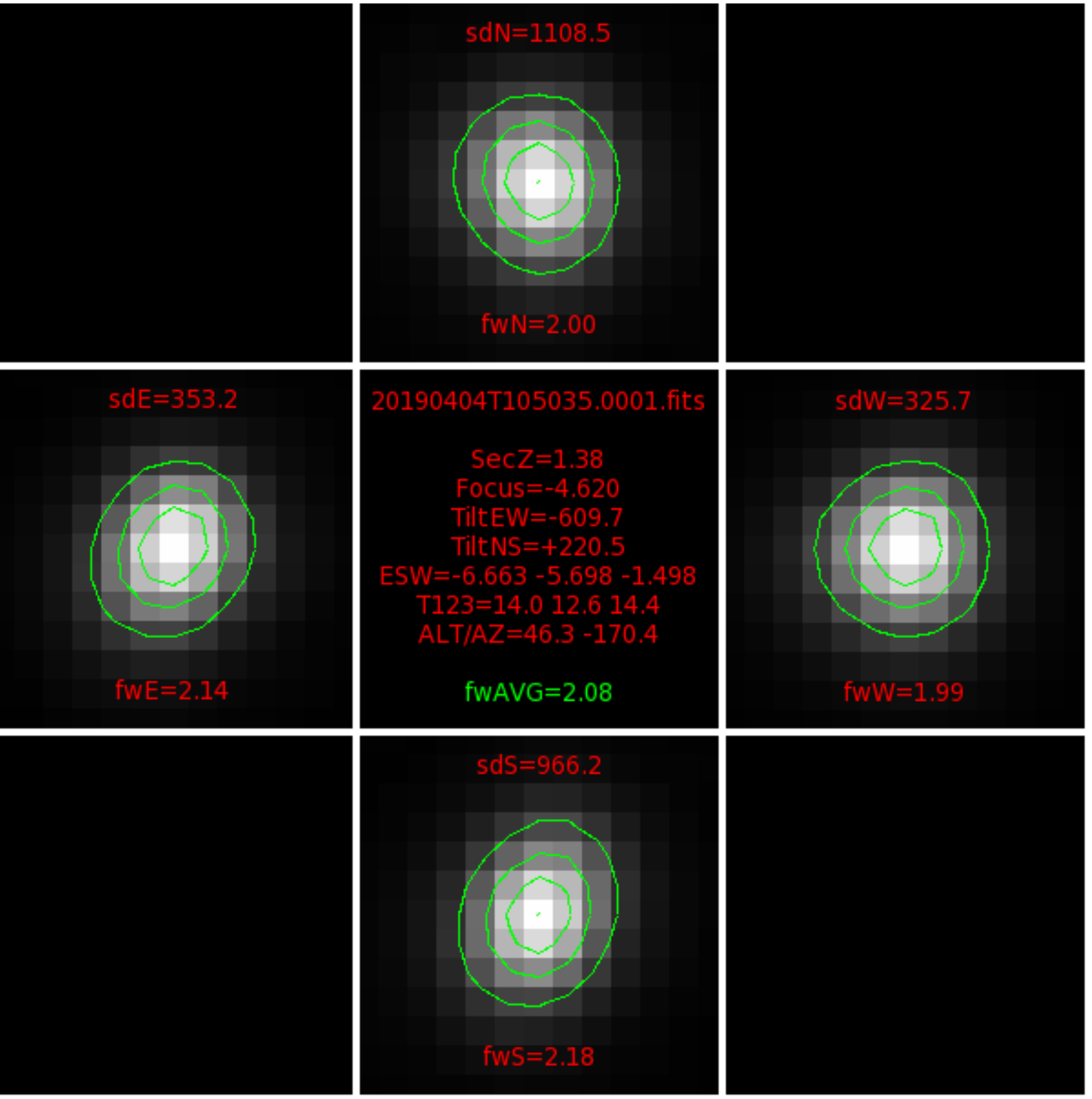

sdN=91.0
fwN=2.99
sdE=458.9
fwE=2.76
20190404T104205.0001.fits
SecZ=1.68
Focus=-4.633
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.676 -5.711 -1.511
T123=14.1 13.0 14.5
ALT/AZ=36.5 103.7
fwAVG=3.06
sdW=1295.2
fwW=3.47
sdS=21.2
fwS=3.03
0 0 0 0 0 0 0 0 0

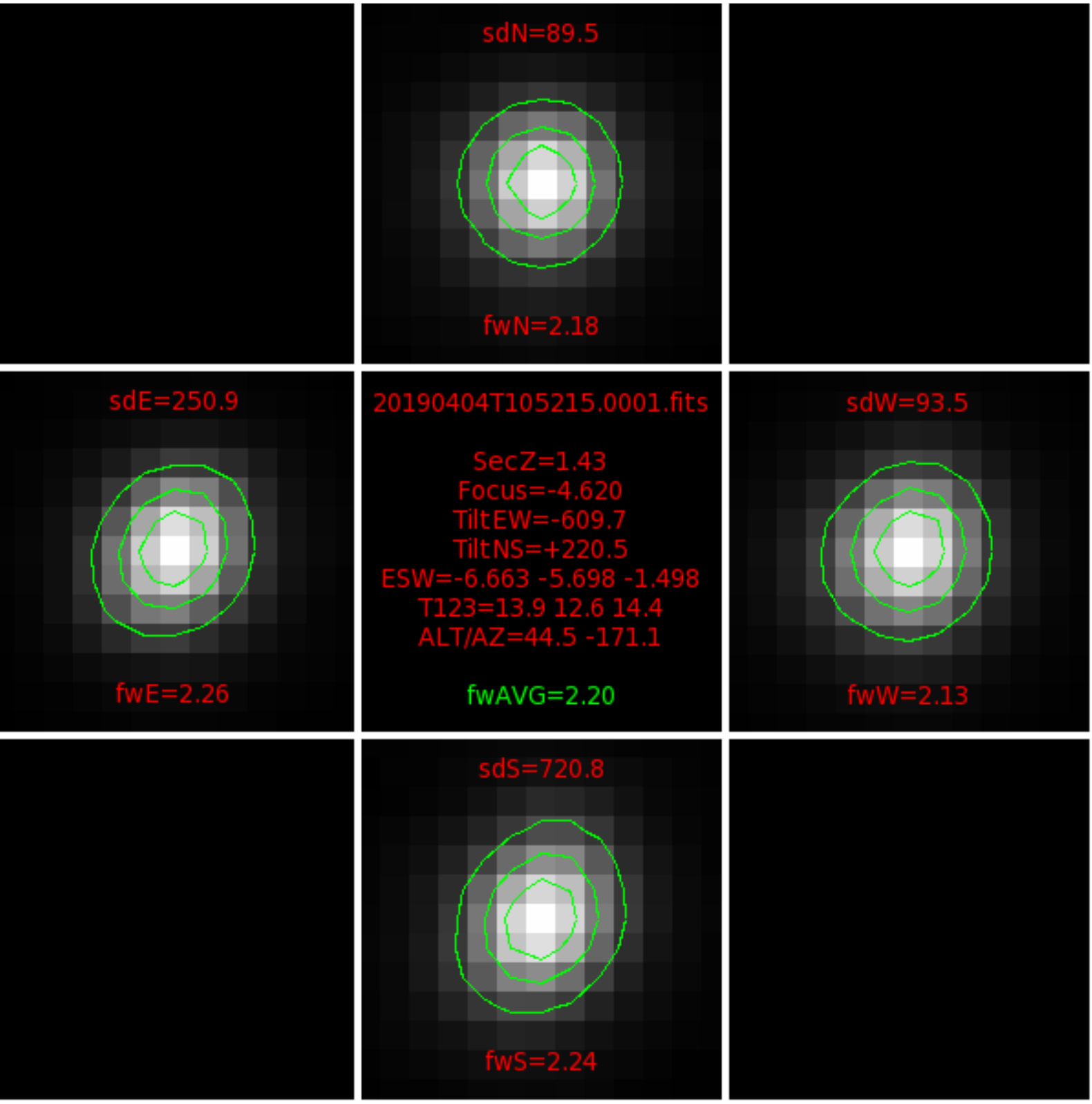

sdN=109.0
fwN=2.32
sdE=136.5
fwE=2.46
20190404T104414.0001.fits
SecZ=1.38
Focus=-4.627
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.670 -5.705 -1.505
T123=14.1 12.8 14.5
ALT/AZ=46.6 -166.2
fwAVG=2.42
sdW=436.0
fwW=2.36
sdS=65.7
fwS=2.53
0 0 0 0 0 0 0 0 0

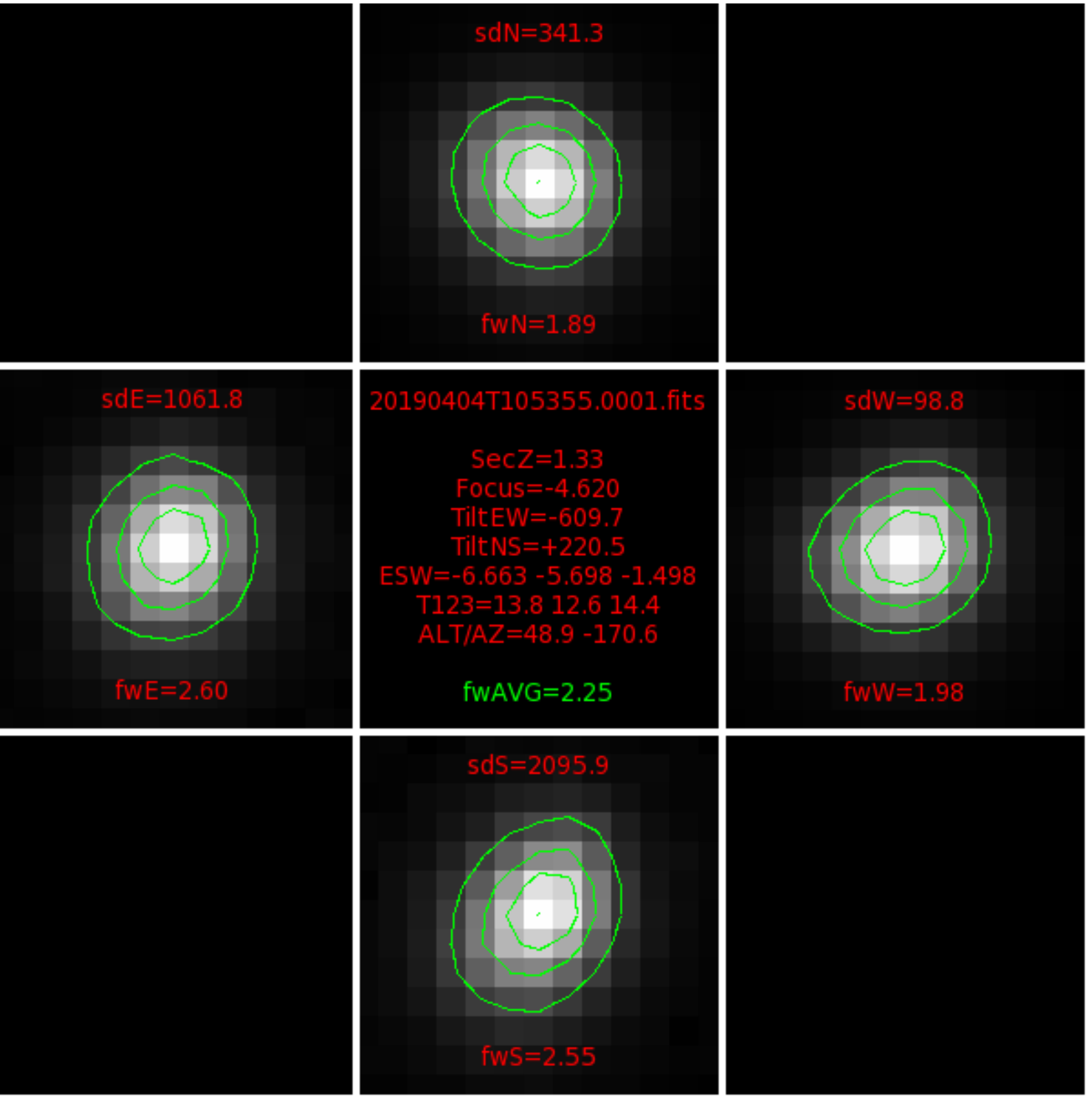

sdN=124.4
fwN=2.25
sdE=398.9
fwE=2.39
20190404T104546.0001.fits
SecZ=1.36
Focus=-4.627
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.670 -5.705 -1.505
T123=14.1 12.7 14.5
ALT/AZ=47.5 -168.2
fwAVG=2.26
sdW=1452.3
fwW=2.22
sdS=28.9
fwS=2.16
0 0 0 0 0 0 0 0 0

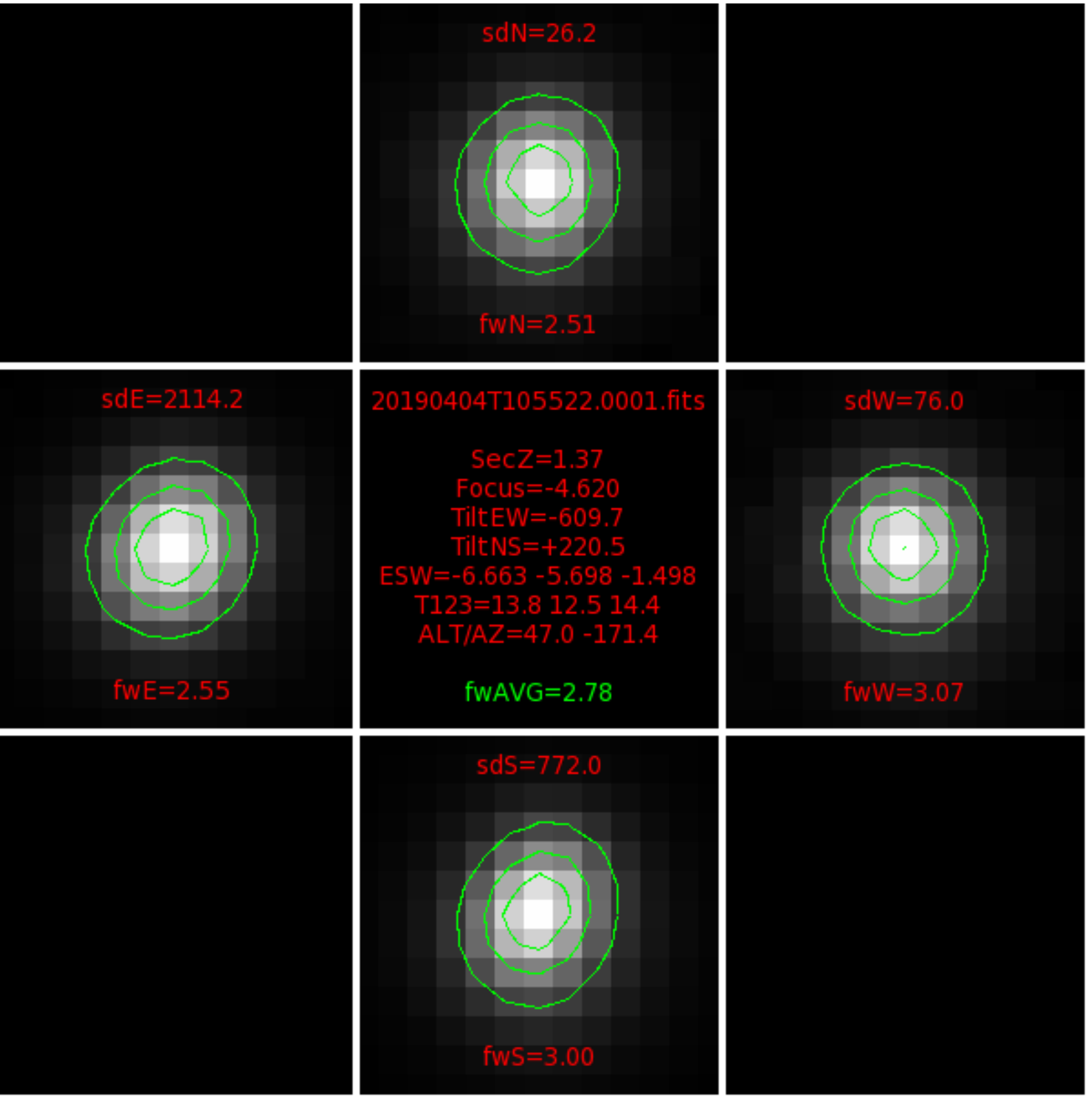

sdN=376.3
fwN=2.28
sdE=67.5
fwE=2.35
20190404T104727.0001.fits
SecZ=1.40
Focus=-4.627
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.670 -5.705 -1.505
T123=14.0 12.6 14.4
ALT/AZ=45.6 -168.9
fwAVG=2.34
sdW=1368.3
fwW=2.32
sdS=211.7
fwS=2.42
0 0 0 0 0 0 0 0 0

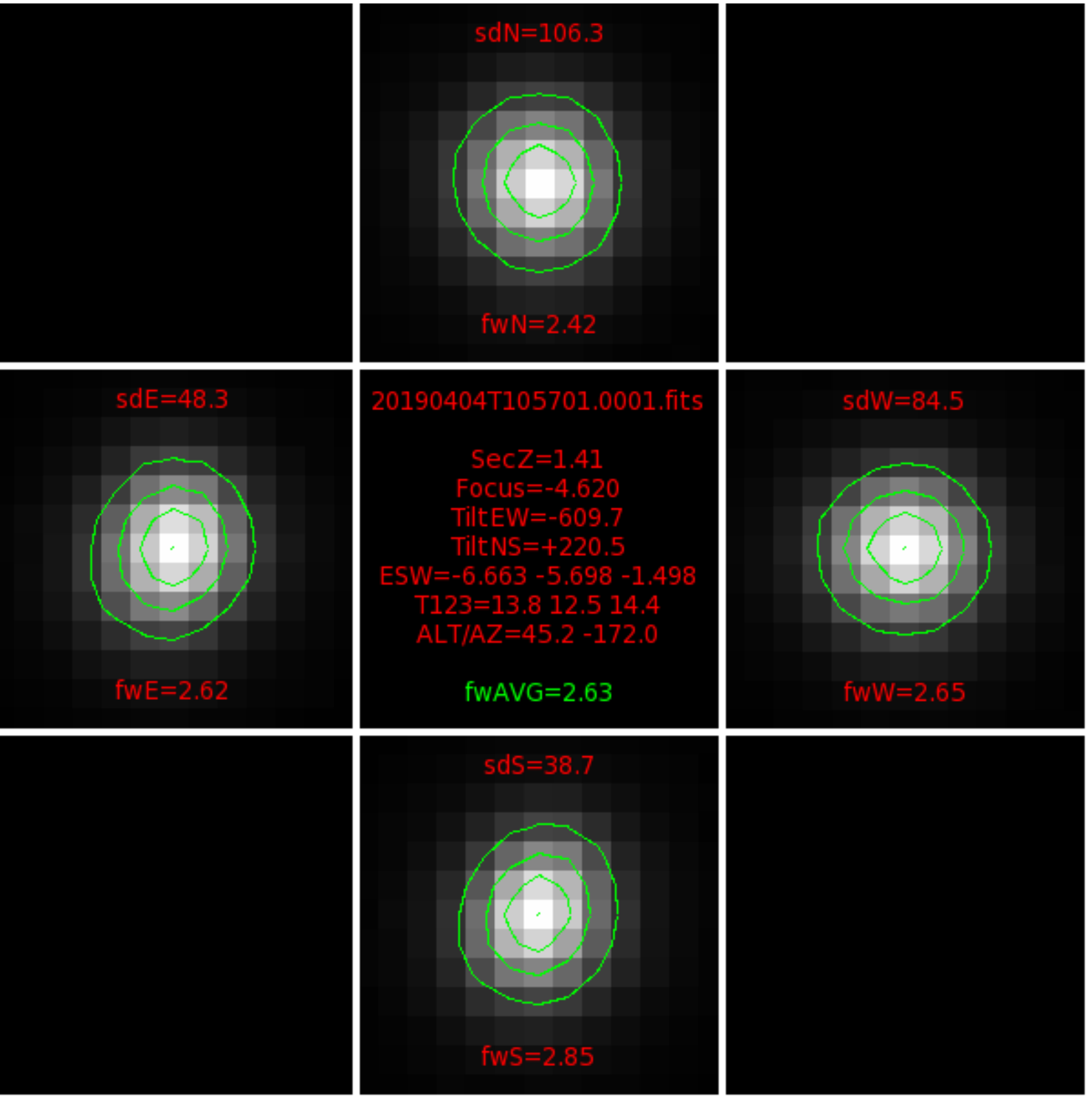

sdN=276.0
fwN=2.86
sdE=295.7
fwE=3.16
20190404T104906.0001.fits
SecZ=1.34
Focus=-4.627
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.670 -5.705 -1.505
T123=14.0 12.6 14.4
ALT/AZ=48.2 -169.7
fwAVG=3.02
sdW=103.6
fwW=3.00
sdS=270.9
fwS=3.07
0 0 0 0 0 0 0 0 0

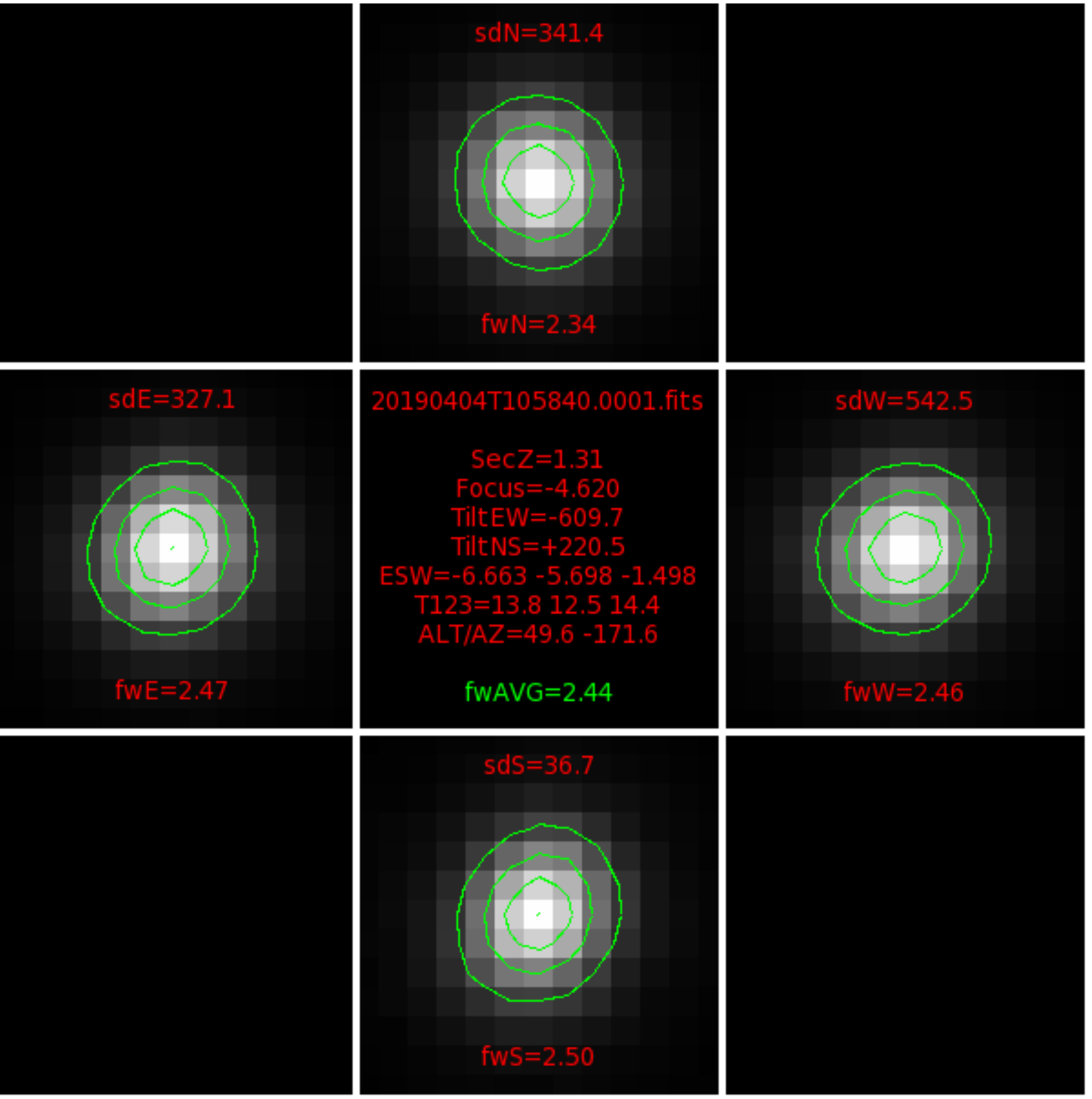

sdN=1108.5
fwN=2.00
sdE=353.2
fwE=2.14
20190404T105035.0001.fits
SecZ=1.38
Focus=-4.620
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.663 -5.698 -1.498
T123=14.0 12.6 14.4
ALT/AZ=46.3 -170.4
fwAVG=2.08
sdW=325.7
fwW=1.99
sdS=966.2
fwS=2.18
0 0 0 0 0 0 0 0 0

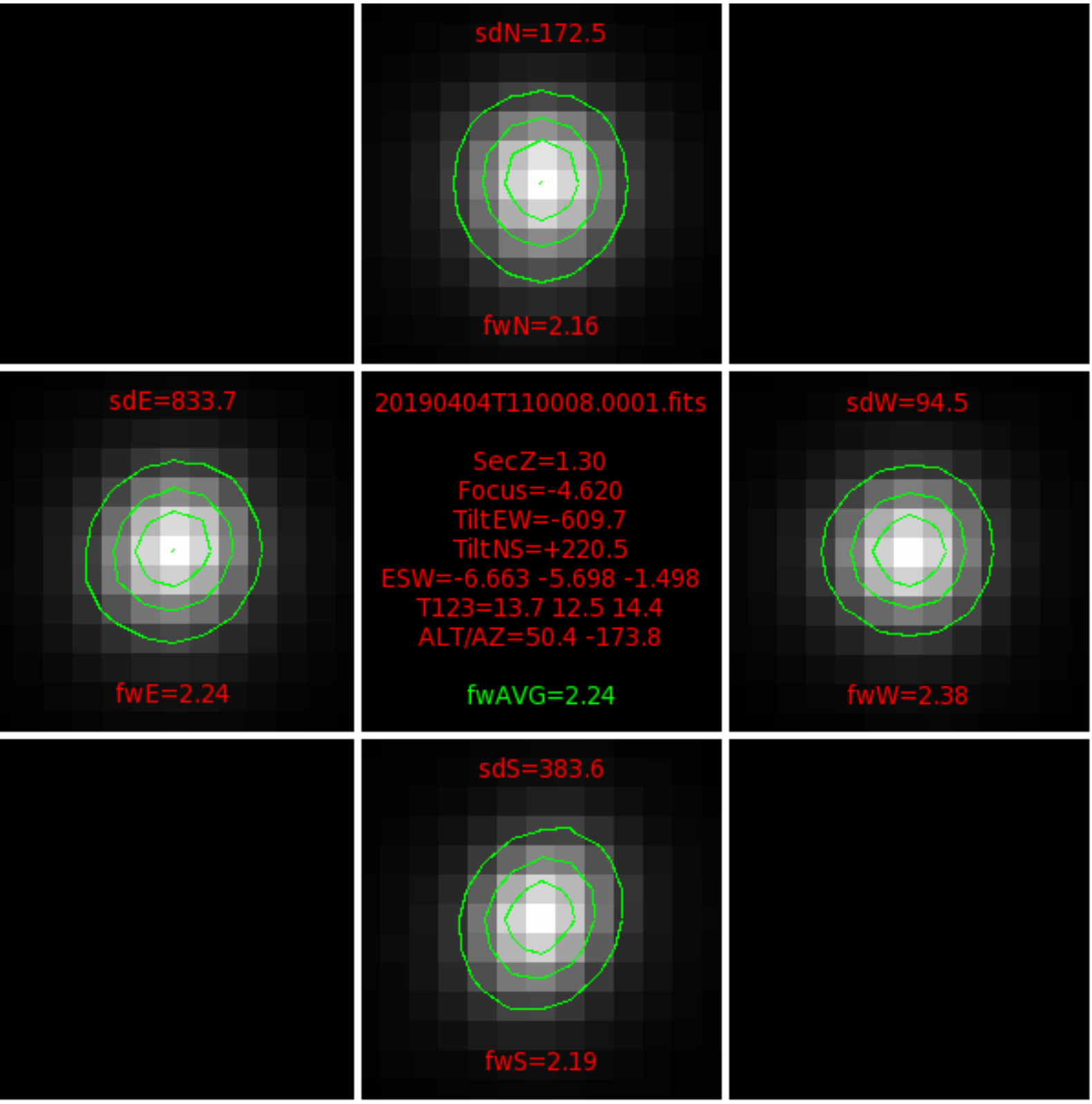

sdN=89.5
fwN=2.18
sdE=250.9
fwE=2.26
20190404T105215.0001.fits
SecZ=1.43
Focus=-4.620
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.663 -5.698 -1.498
T123=13.9 12.6 14.4
ALT/AZ=44.5 -171.1
fwAVG=2.20
sdW=93.5
fwW=2.13
sdS=720.8
fwS=2.24
0 0 0 0 0 0 0 0 0

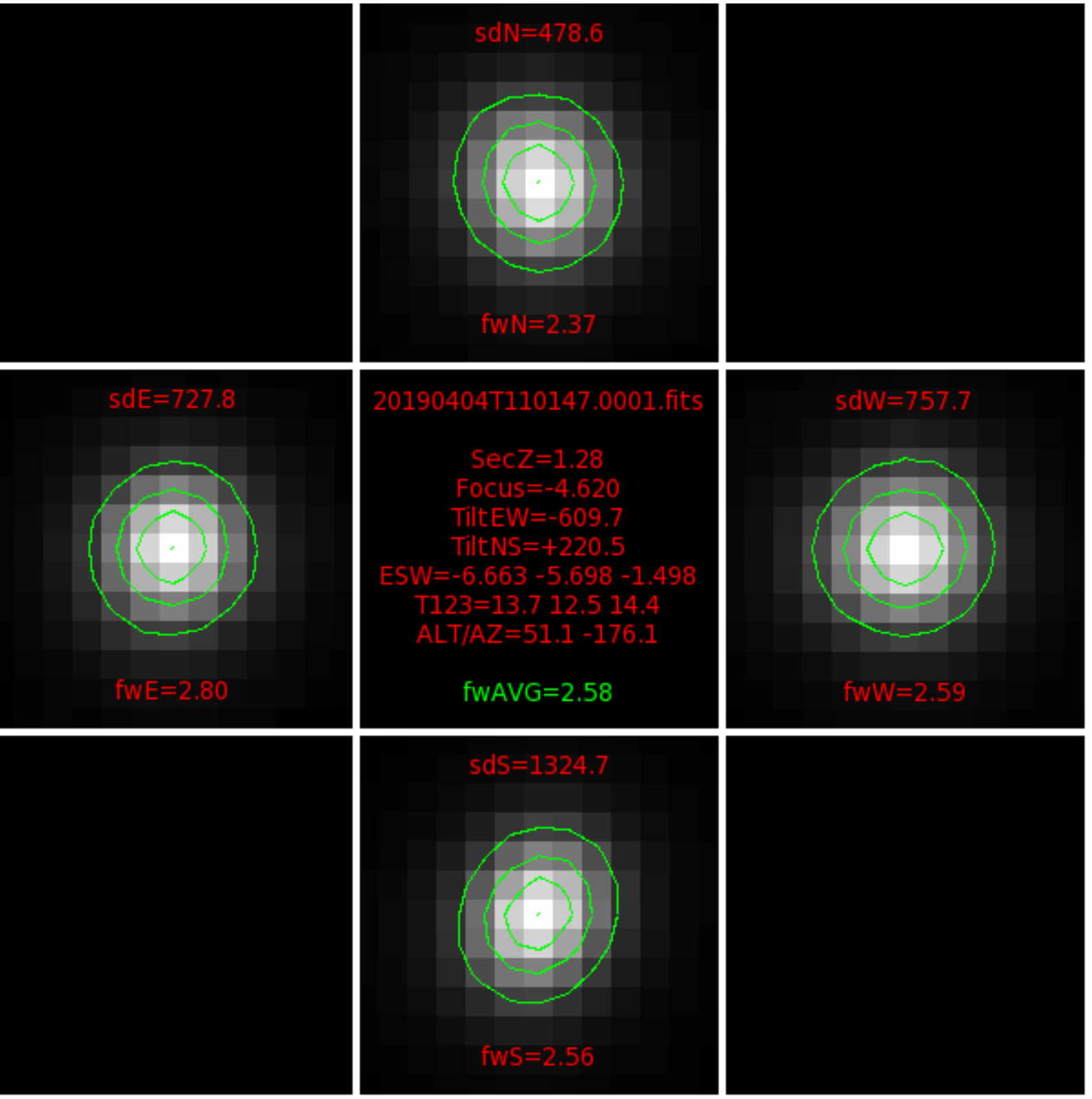

sdN=341.3
fwN=1.89
sdE=1061.8
fwE=2.60
20190404T105355.0001.fits
SecZ=1.33
Focus=-4.620
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.663 -5.698 -1.498
T123=13.8 12.6 14.4
ALT/AZ=48.9 -170.6
fwAVG=2.25
sdW=98.8
fwW=1.98
sdS=2095.9
fwS=2.55
0 0 0 0 0 0 0 0 0

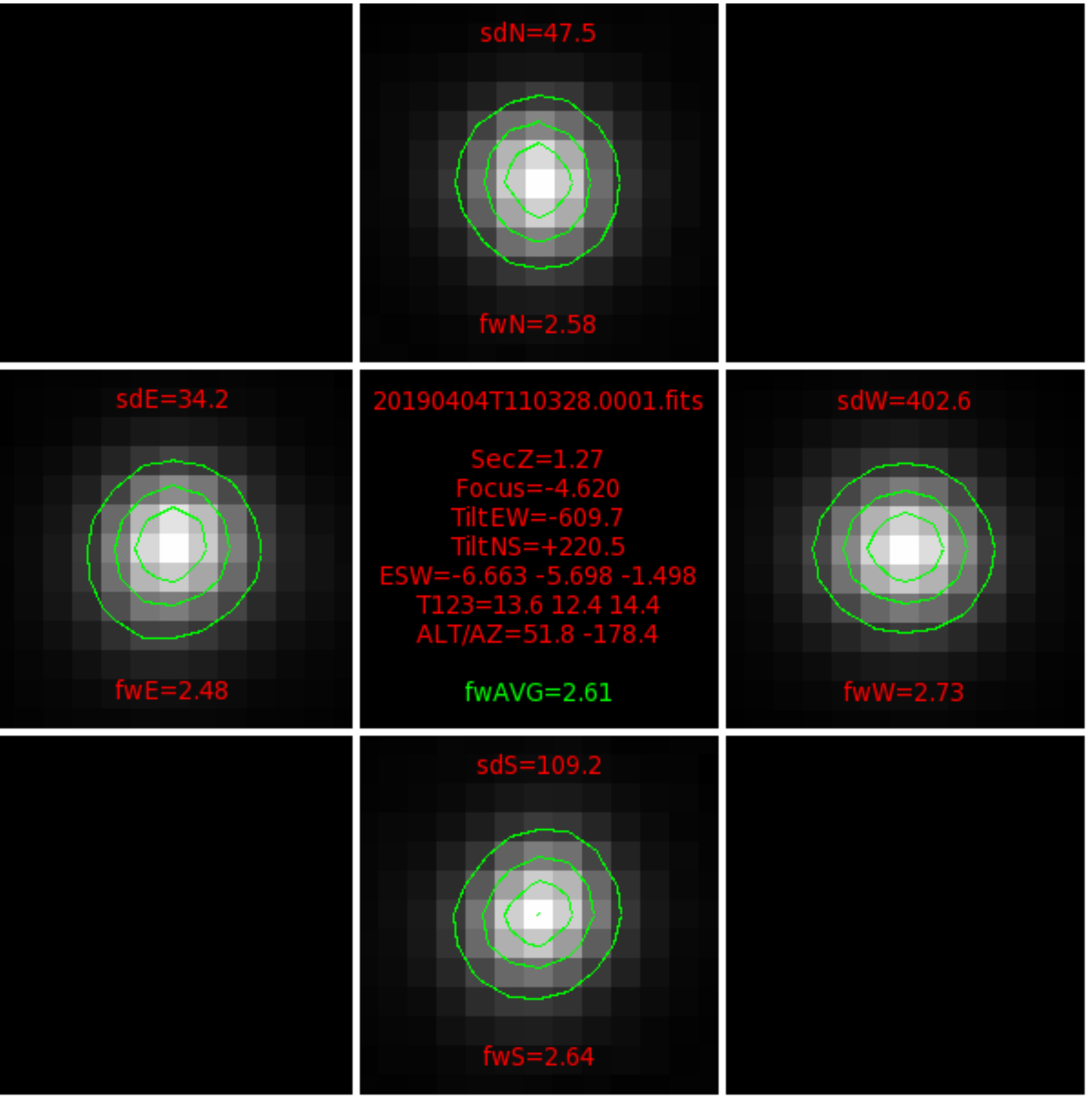

sdN=26.2
fwN=2.51
sdE=2114.2
fwE=2.55
20190404T105522.0001.fits
SecZ=1.37
Focus=-4.620
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.663 -5.698 -1.498
T123=13.8 12.5 14.4
ALT/AZ=47.0 -171.4
fwAVG=2.78
sdW=76.0
fwW=3.07
sdS=772.0
fwS=3.00
0 0 0 0 0 0 0 0 0

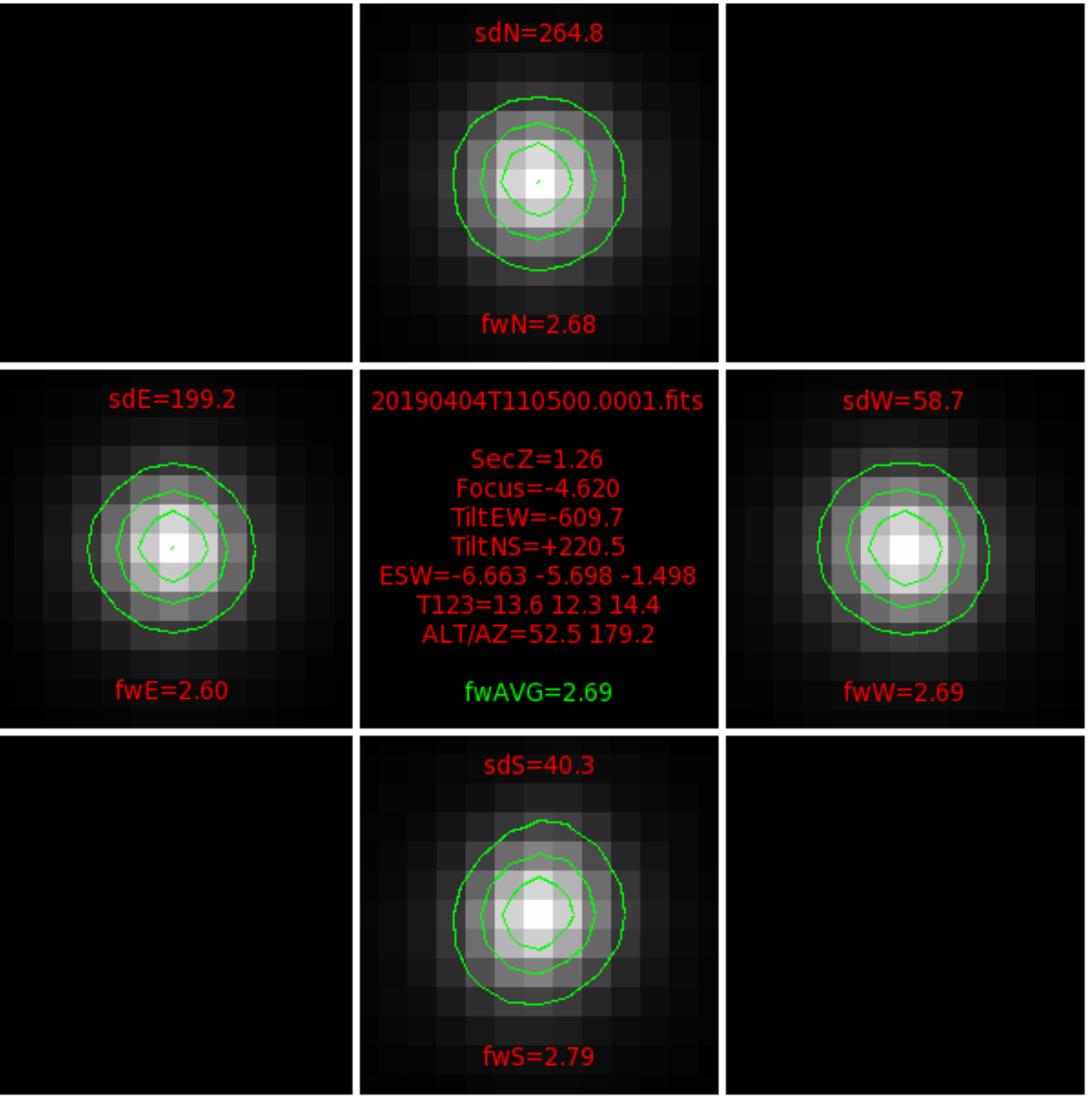

sdN=106.3
fwN=2.42
sdE=48.3
fwE=2.62
20190404T105701.0001.fits
SecZ=1.41
Focus=-4.620
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.663 -5.698 -1.498
T123=13.8 12.5 14.4
ALT/AZ=45.2 -172.0
fwAVG=2.63
sdW=84.5
fwW=2.65
sdS=38.7
fwS=2.85
0 0 0 0 0 0 0 0 0

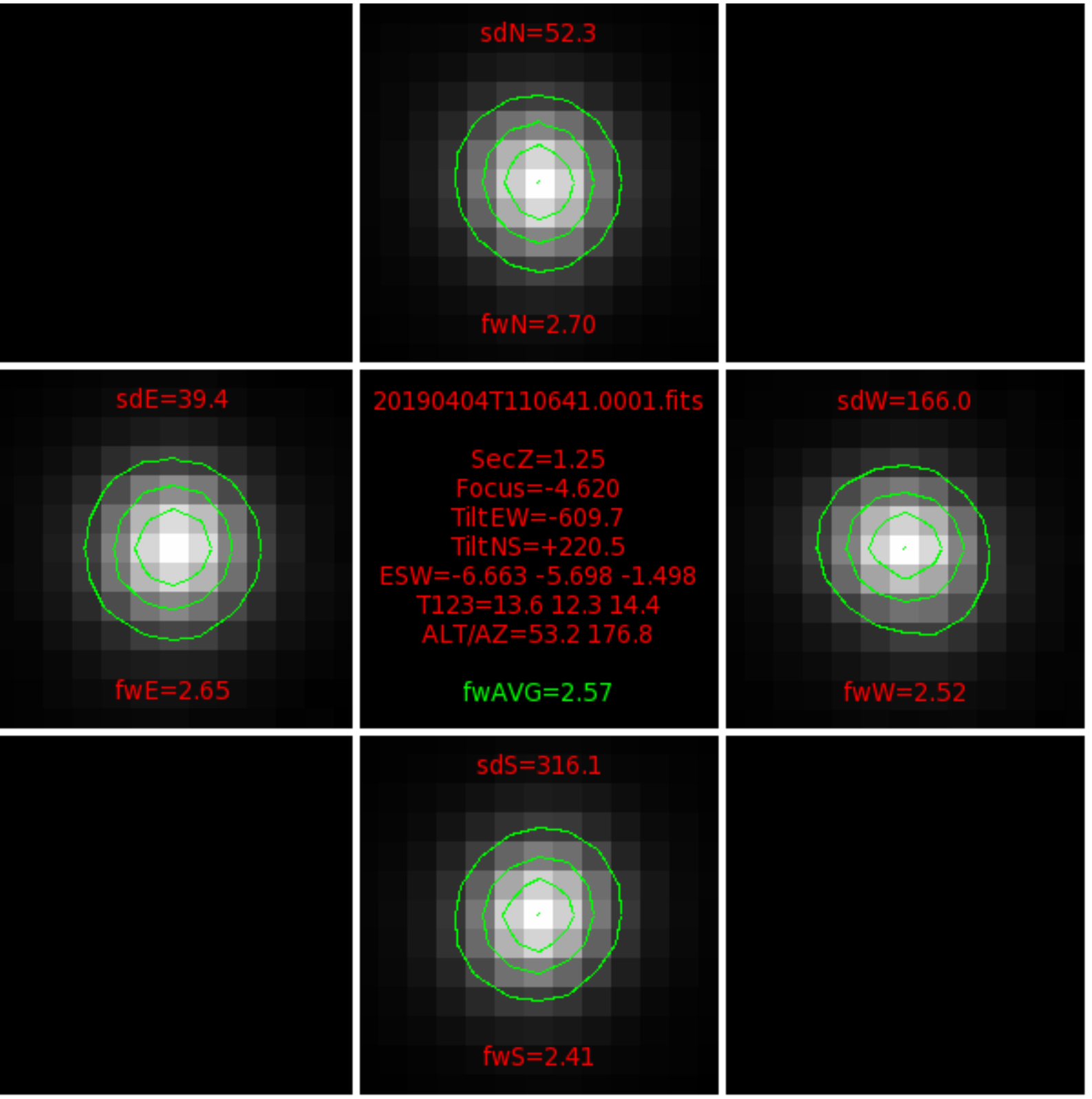

sdN=341.4
fwN=2.34
sdE=327.1
fwE=2.47
20190404T105840.0001.fits
SecZ=1.31
Focus=-4.620
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.663 -5.698 -1.498
T123=13.8 12.5 14.4
ALT/AZ=49.6 -171.6
fwAVG=2.44
sdW=542.5
fwW=2.46
sdS=36.7
fwS=2.50
0 0 0 0 0 0 0 0 0

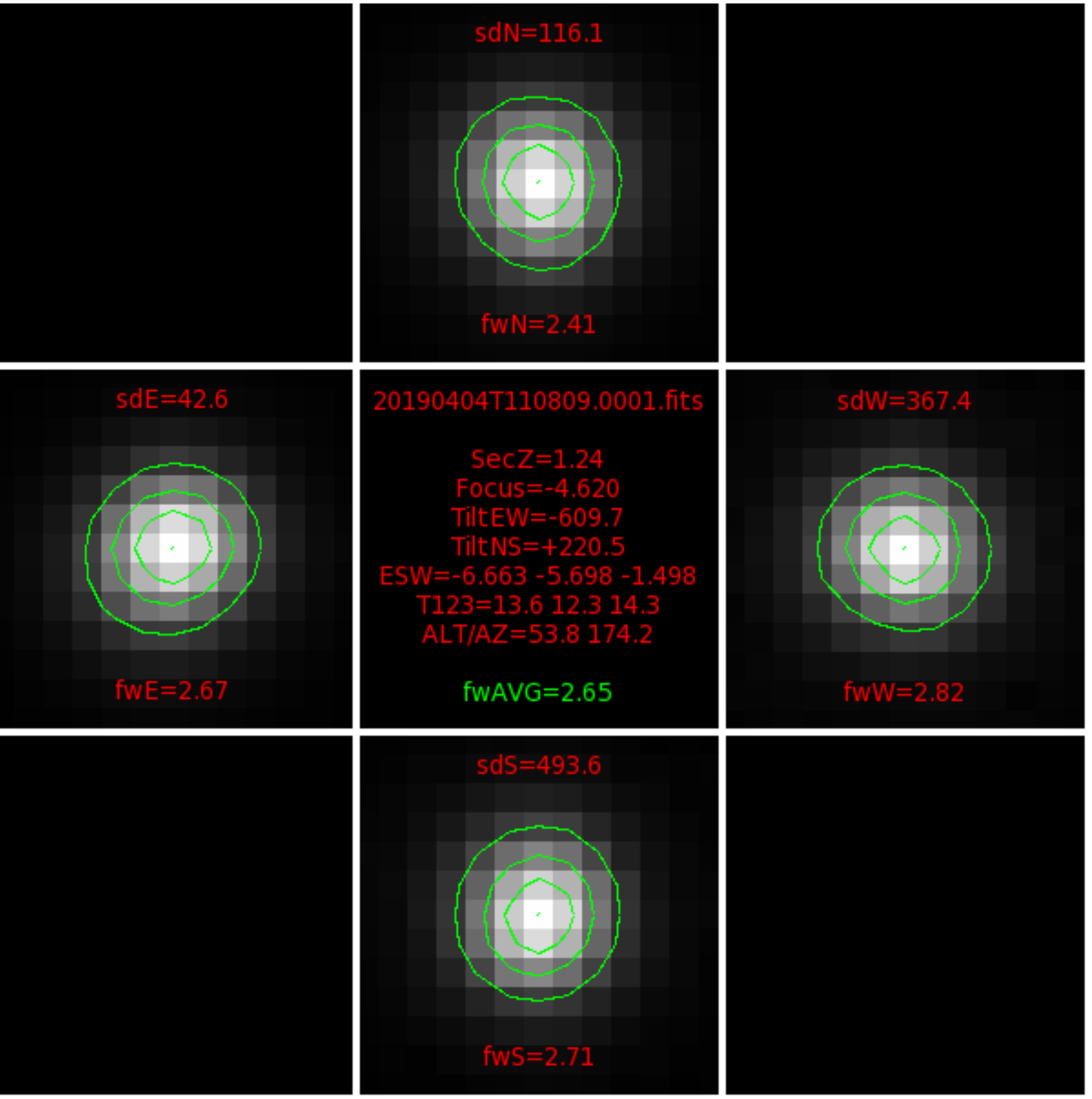

sdN=172.5
fwN=2.16
sdE=833.7
fwE=2.24
20190404T110008.0001.fits
SecZ=1.30
Focus=-4.620
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.663 -5.698 -1.498
T123=13.7 12.5 14.4
ALT/AZ=50.4 -173.8
fwAVG=2.24
sdW=94.5
fwW=2.38
sdS=383.6
fwS=2.19
0 0 0 0 0 0 0 0 0

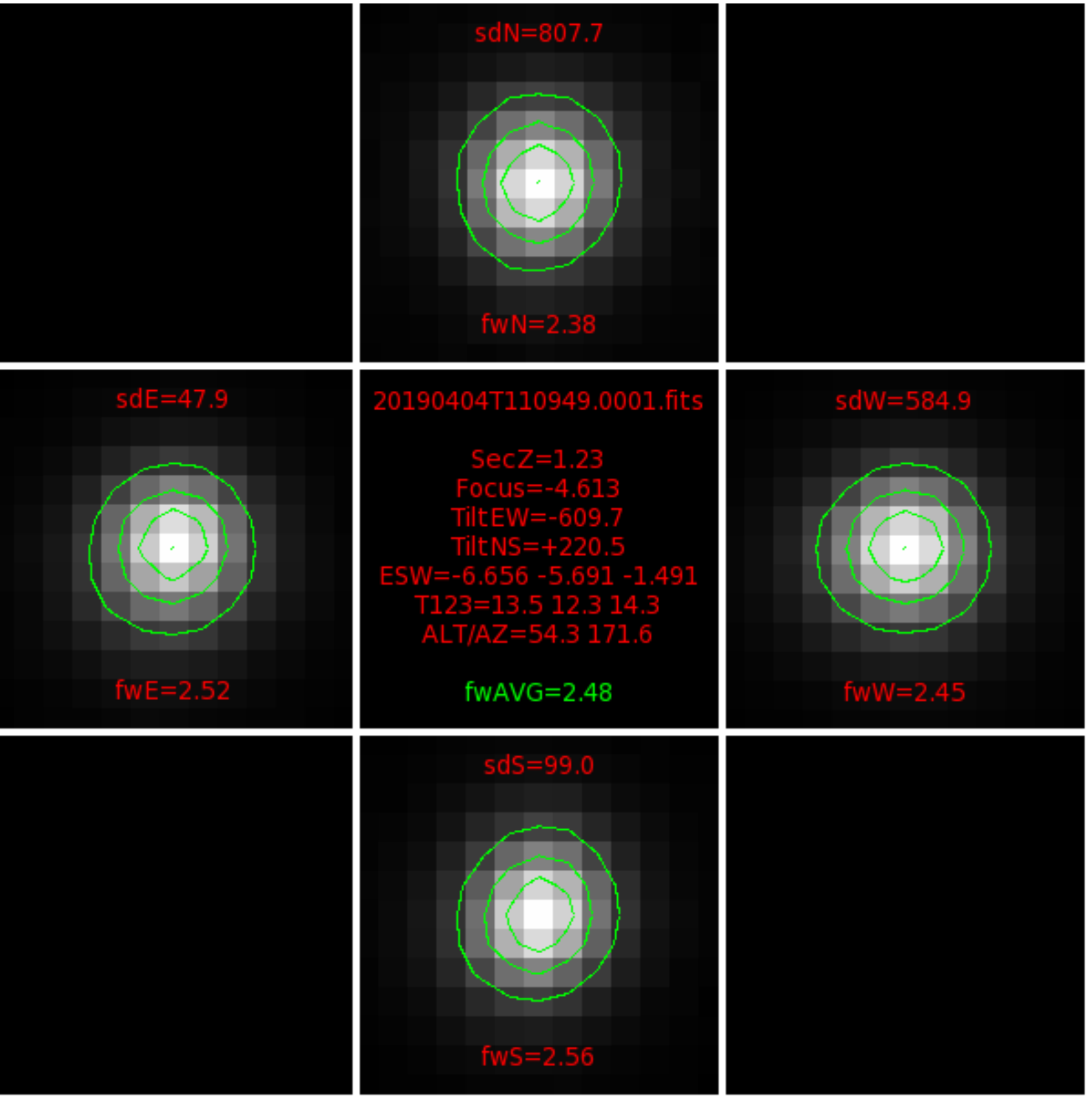

sdN=478.6
fwN=2.37
sdE=727.8
fwE=2.80
20190404T110147.0001.fits
SecZ=1.28
Focus=-4.620
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.663 -5.698 -1.498
T123=13.7 12.5 14.4
ALT/AZ=51.1 -176.1
fwAVG=2.58
sdW=757.7
fwW=2.59
sdS=1324.7
fwS=2.56
0 0 0 0 0 0 0 0 0

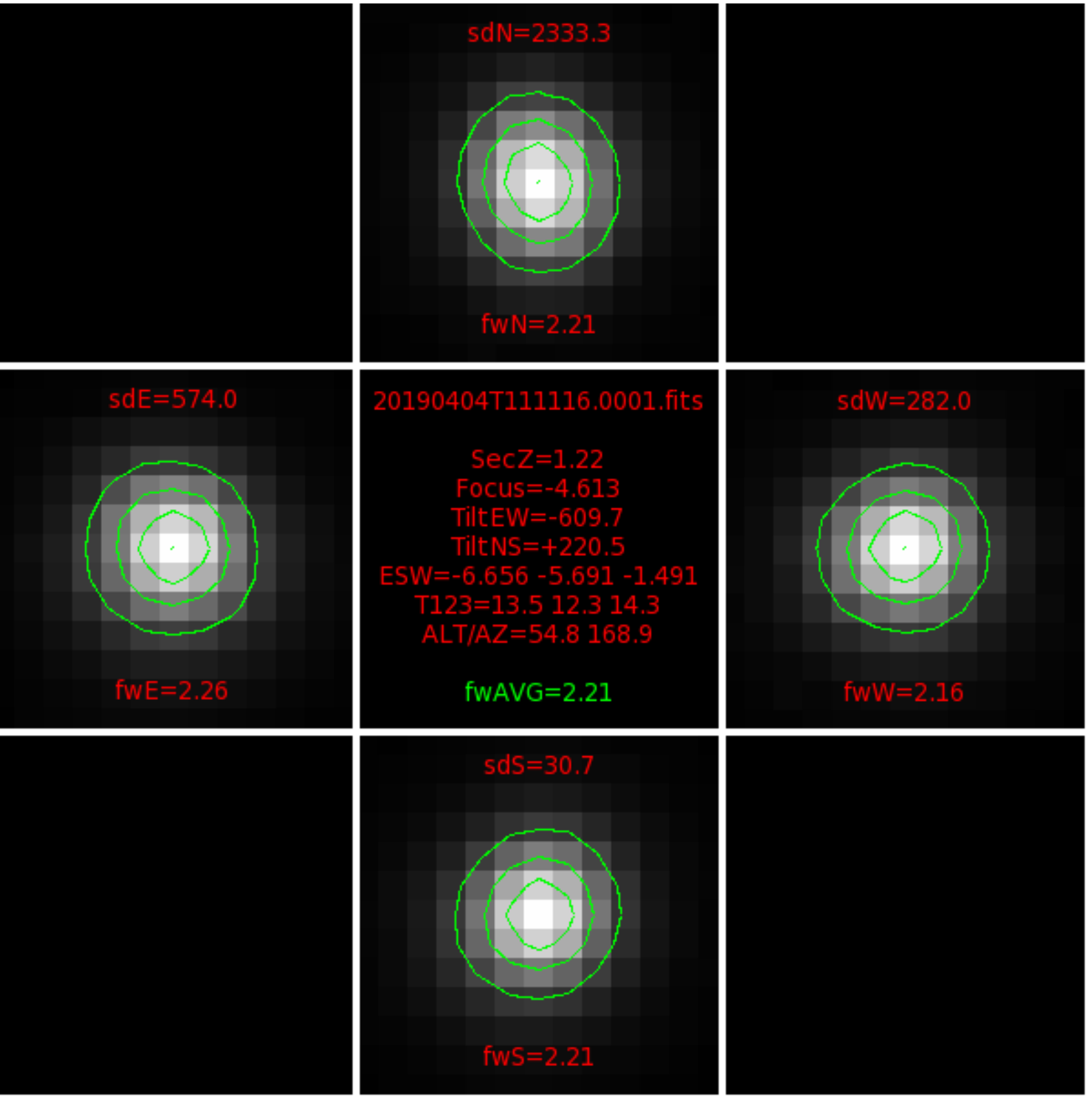

sdN=47.5
fwN=2.58
sdE=34.2
fwE=2.48
20190404T110328.0001.fits
SecZ=1.27
Focus=-4.620
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.663 -5.698 -1.498
T123=13.6 12.4 14.4
ALT/AZ=51.8 -178.4
fwAVG=2.61
sdW=402.6
fwW=2.73
sdS=109.2
fwS=2.64
0 0 0 0 0 0 0 0 0

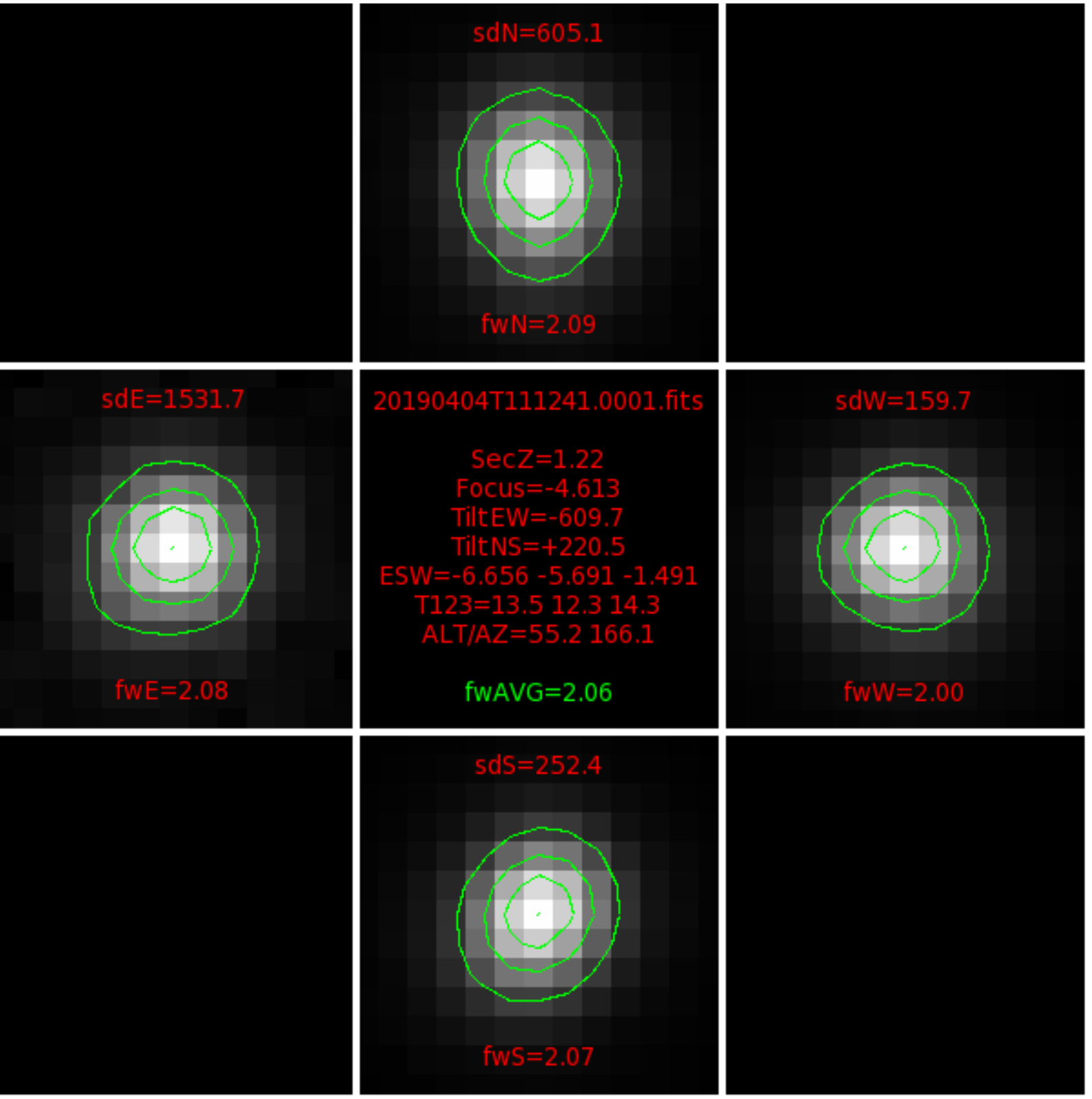

sdN=264.8
fwN=2.68
sdE=199.2
fwE=2.60
20190404T110500.0001.fits
SecZ=1.26
Focus=-4.620
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.663 -5.698 -1.498
T123=13.6 12.3 14.4
ALT/AZ=52.5 179.2
fwAVG=2.69
sdW=58.7
fwW=2.69
sdS=40.3
fwS=2.79
0 0 0 0 0 0 0 0 0

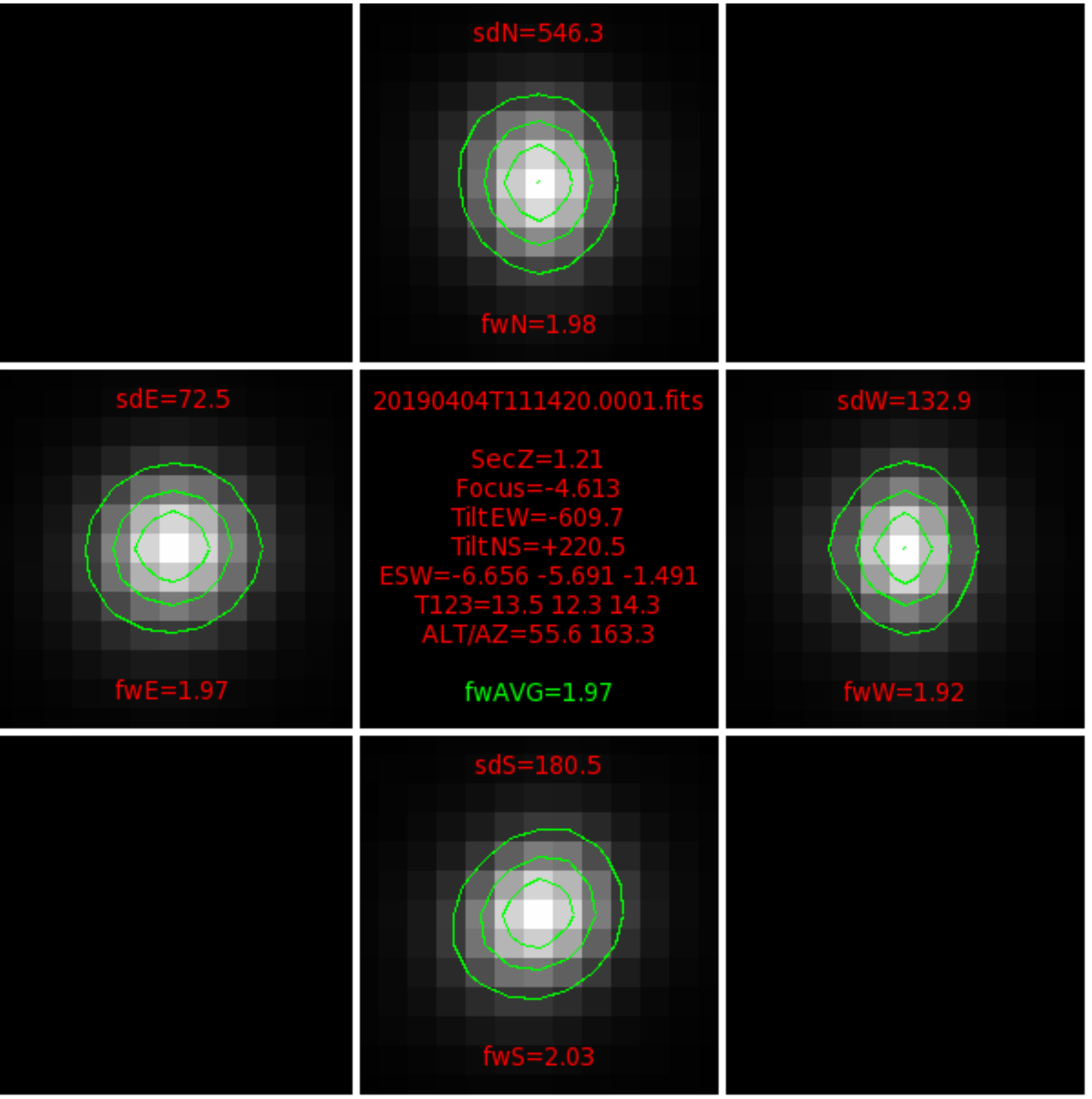

sdN=52.3
fwN=2.70
sdE=39.4
fwE=2.65
20190404T110641.0001.fits
SecZ=1.25
Focus=-4.620
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.663 -5.698 -1.498
T123=13.6 12.3 14.4
ALT/AZ=53.2 176.8
fwAVG=2.57
sdW=166.0
fwW=2.52
sdS=316.1
fwS=2.41
0 0 0 0 0 0 0 0 0

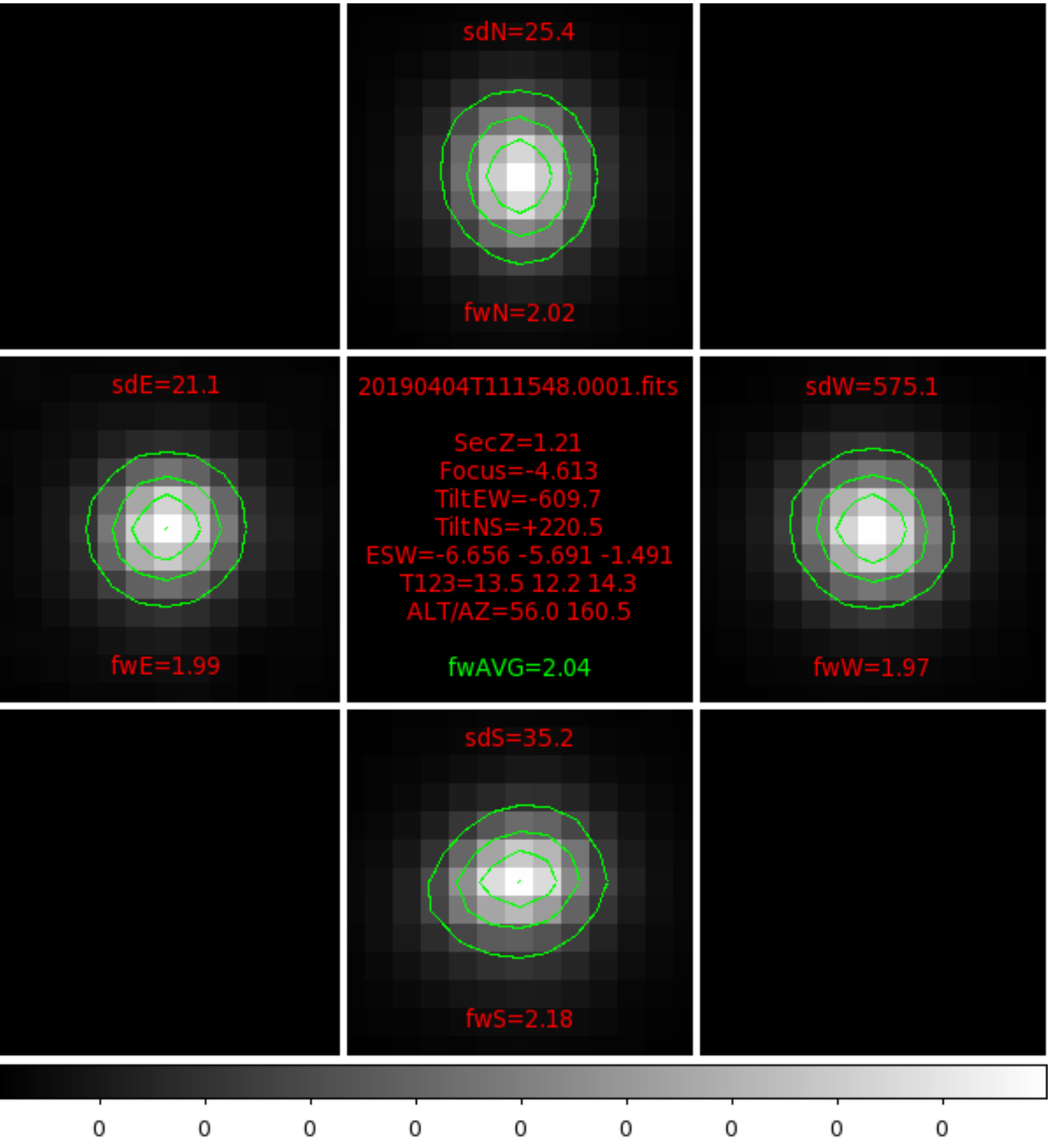

sdN=116.1
fwN=2.41
sdE=42.6
fwE=2.67
20190404T110809.0001.fits
SecZ=1.24
Focus=-4.620
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.663 -5.698 -1.498
T123=13.6 12.3 14.3
ALT/AZ=53.8 174.2
fwAVG=2.65
sdW=367.4
fwW=2.82
sdS=493.6
fwS=2.71
0 0 0 0 0 0 0 0 0

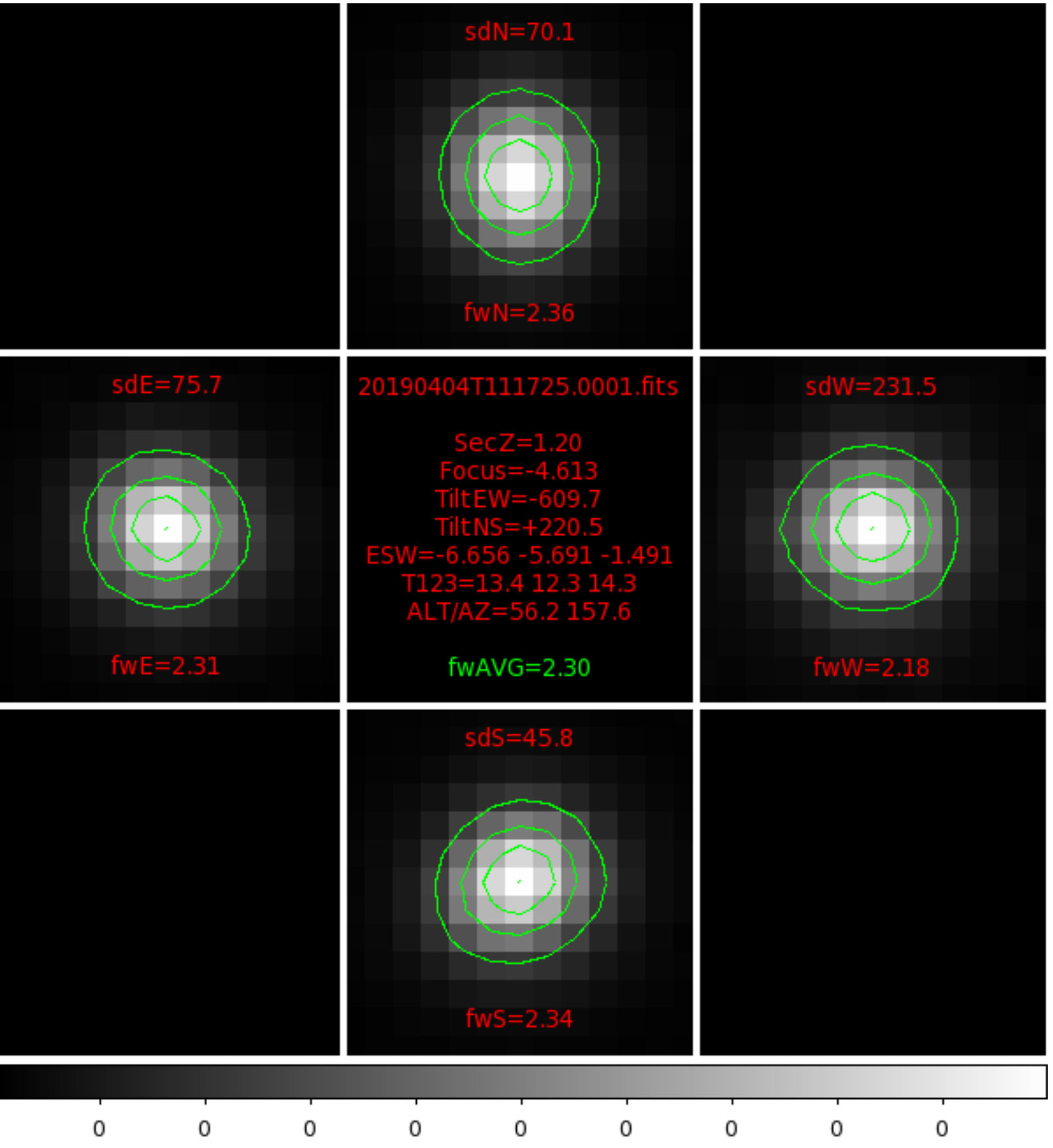

sdN=807.7
fwN=2.38
sdE=47.9
fwE=2.52
20190404T110949.0001.fits
SecZ=1.23
Focus=-4.613
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.656 -5.691 -1.491
T123=13.5 12.3 14.3
ALT/AZ=54.3 171.6
fwAVG=2.48
sdW=584.9
fwW=2.45
sdS=99.0
fwS=2.56
0 0 0 0 0 0 0 0 0

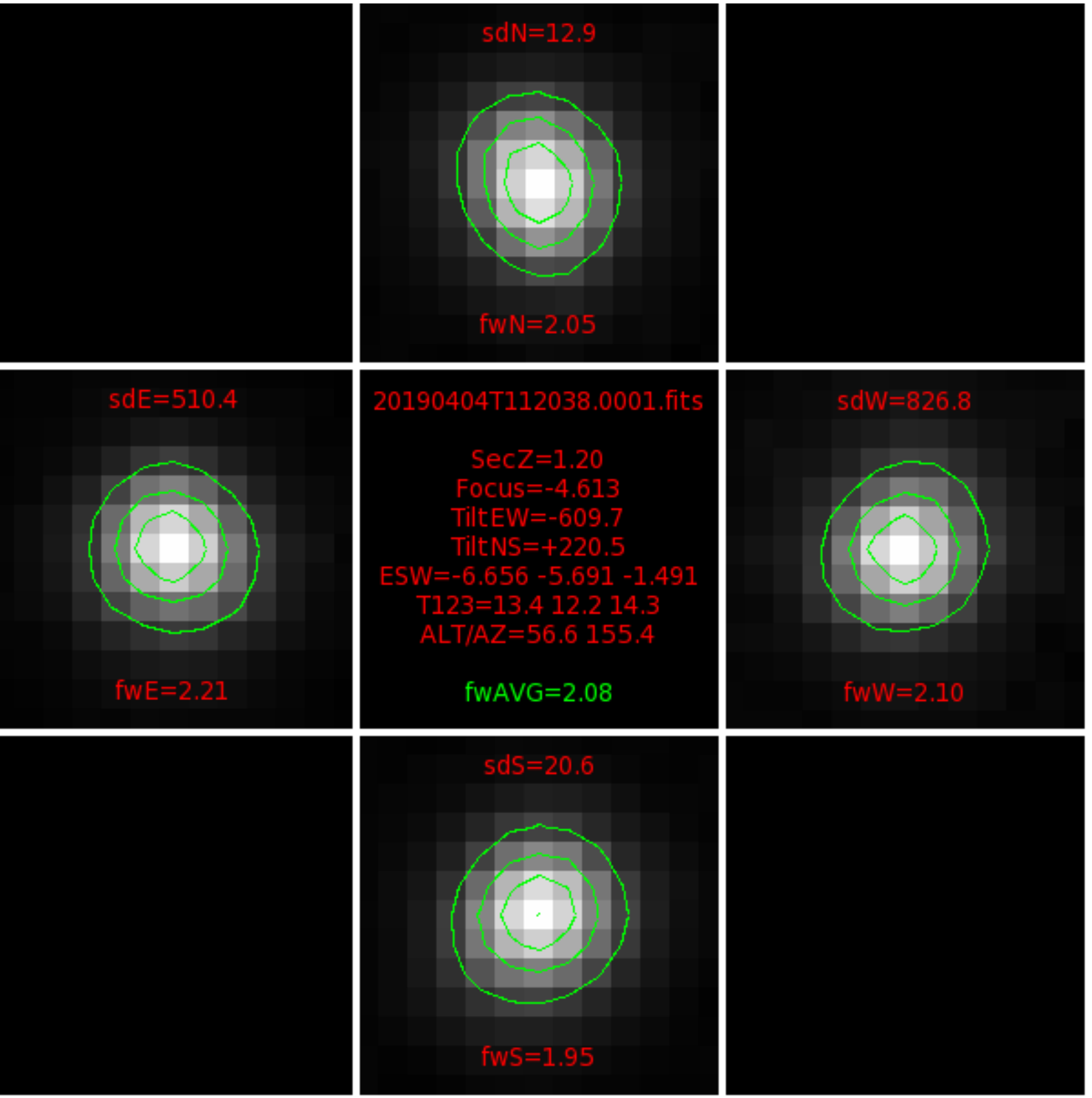

sdN=2333.3
fwN=2.21
sdE=574.0
fwE=2.26
20190404T111116.0001.fits
SecZ=1.22
Focus=-4.613
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.656 -5.691 -1.491
T123=13.5 12.3 14.3
ALT/AZ=54.8 168.9
fwAVG=2.21
sdW=282.0
fwW=2.16
sdS=30.7
fwS=2.21
0 0 0 0 0 0 0 0 0

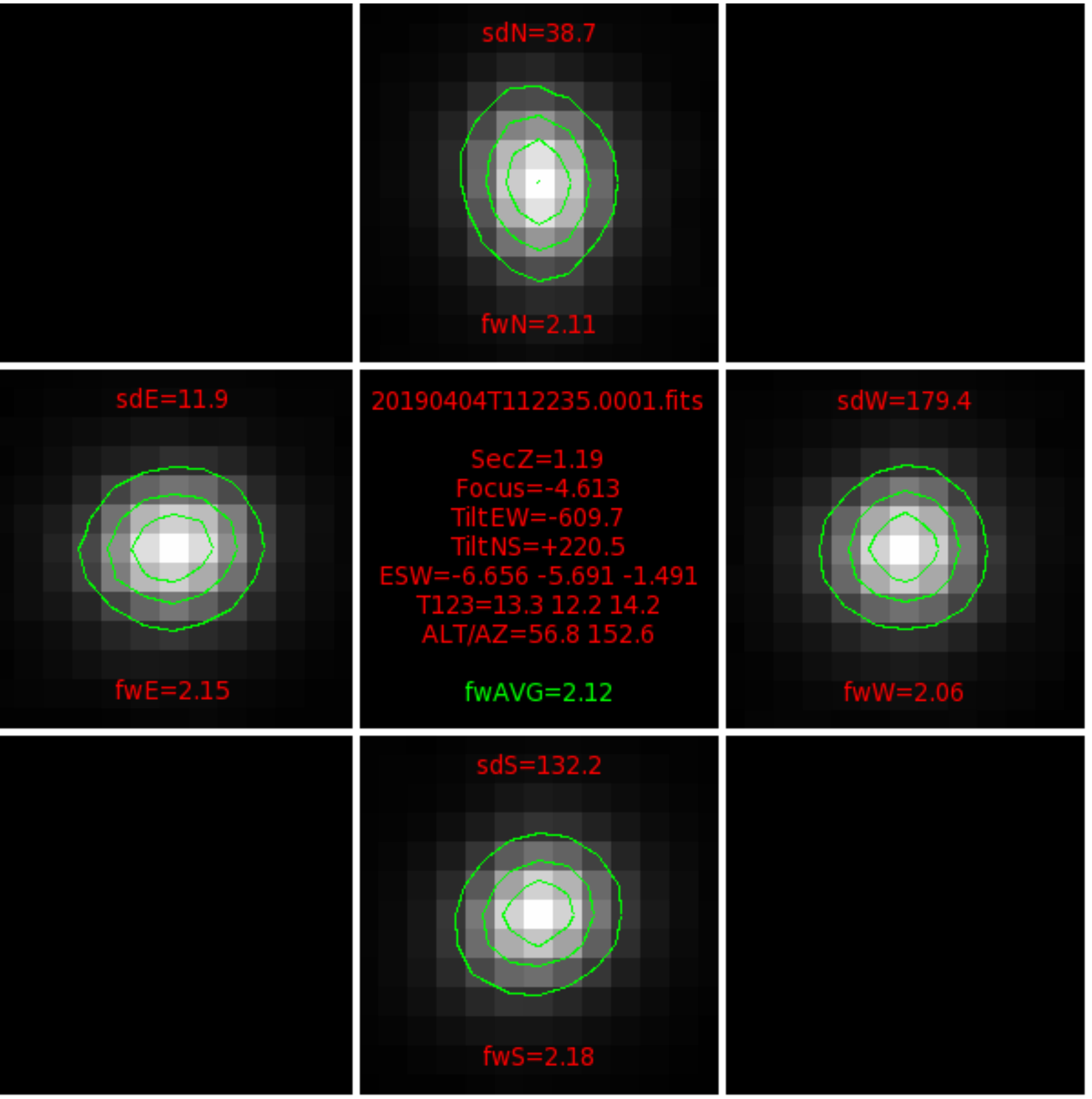

sdN=605.1
fwN=2.09
sdE=1531.7
fwE=2.08
20190404T111241.0001.fits
SecZ=1.22
Focus=-4.613
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.656 -5.691 -1.491
T123=13.5 12.3 14.3
ALT/AZ=55.2 166.1
fwAVG=2.06
sdW=159.7
fwW=2.00
sdS=252.4
fwS=2.07
0 0 0 0 0 0 0 0 0

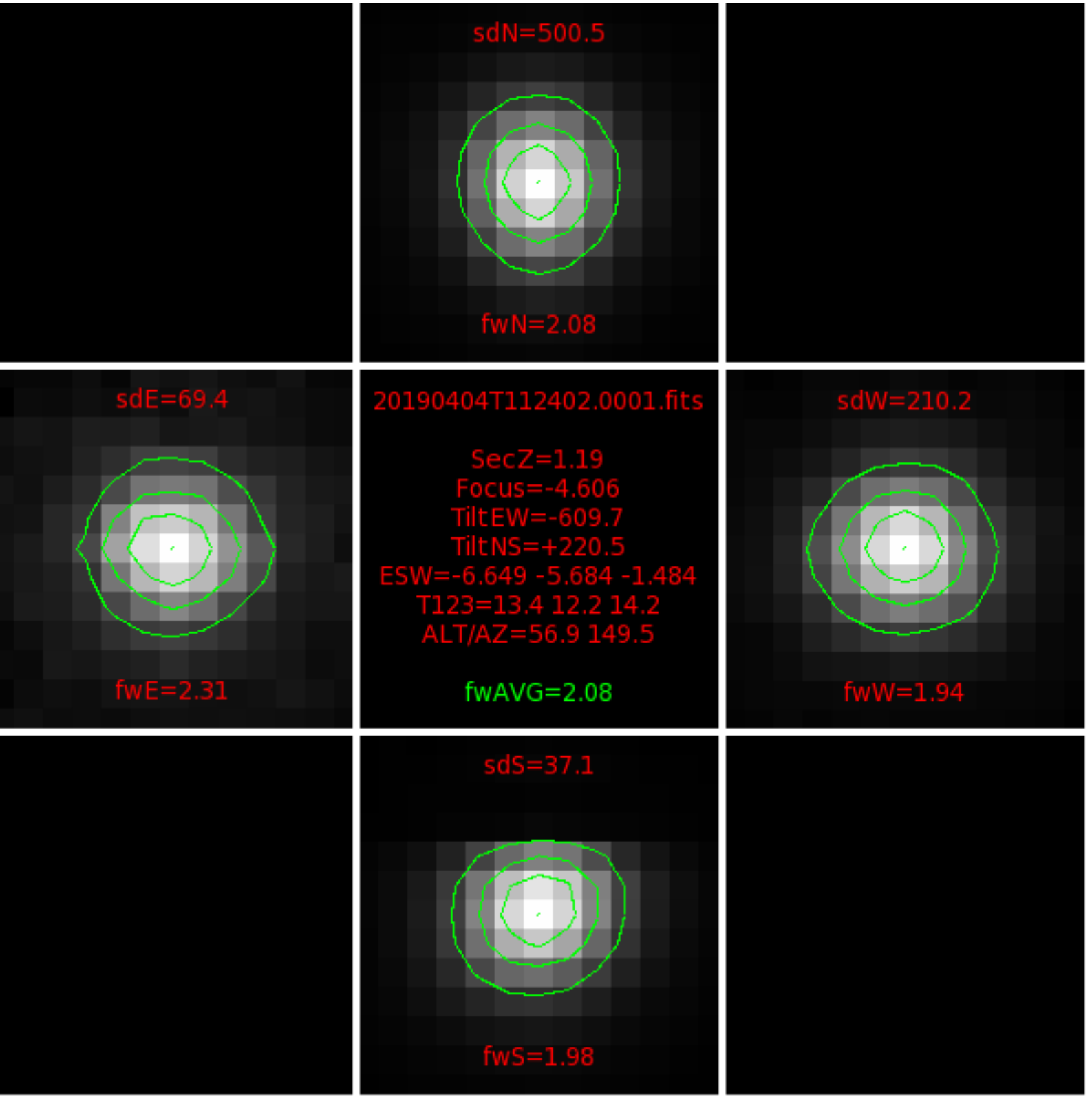

sdN=546.3
fwN=1.98
sdE=72.5
fwE=1.97
20190404T111420.0001.fits
SecZ=1.21
Focus=-4.613
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.656 -5.691 -1.491
T123=13.5 12.3 14.3
ALT/AZ=55.6 163.3
fwAVG=1.97
sdW=132.9
fwW=1.92
sdS=180.5
fwS=2.03
0 0 0 0 0 0 0 0 0

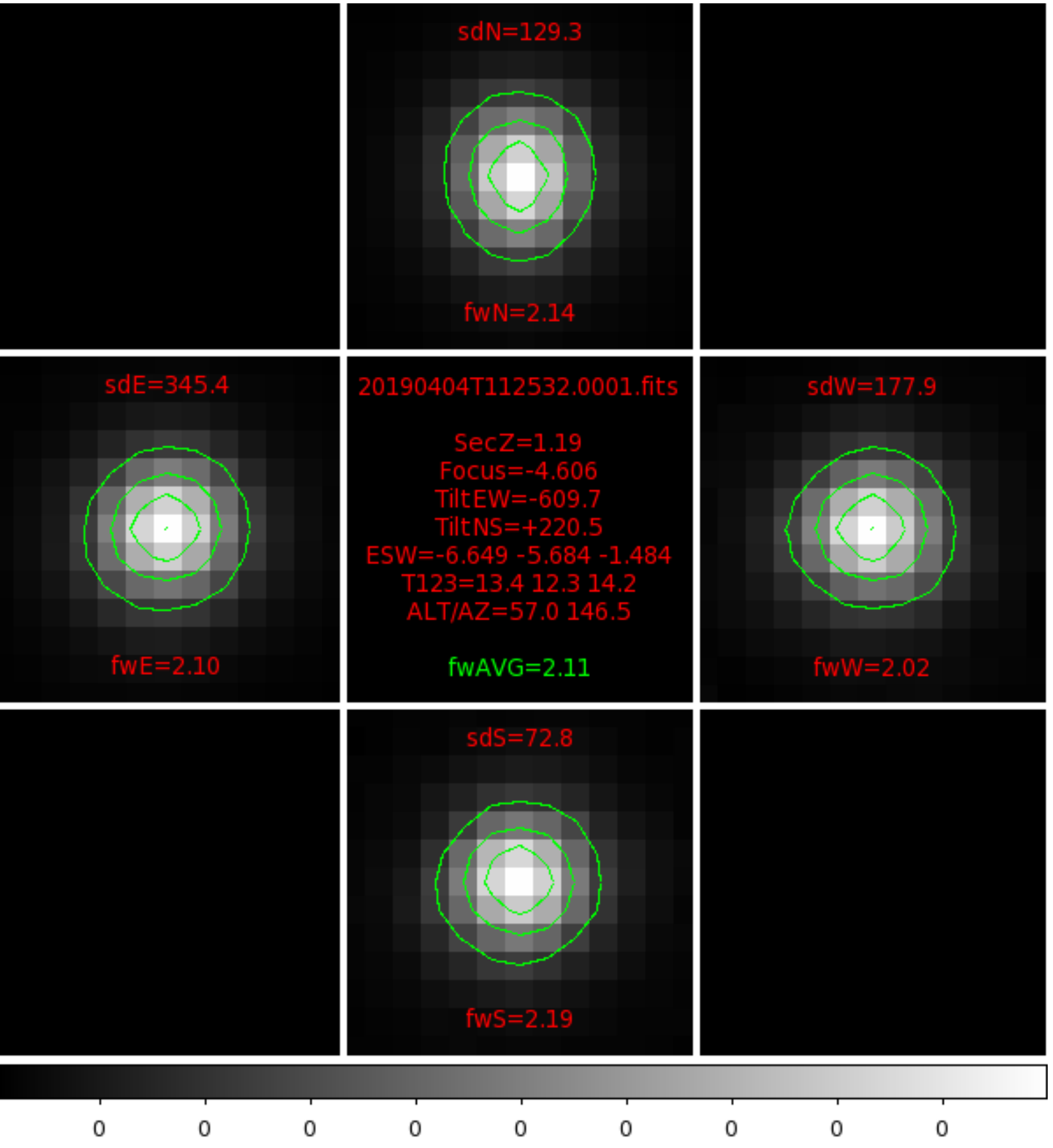

sdN=25.4
fwN=2.02
sdE=21.1
fwE=1.99
20190404T111548.0001.fits
SecZ=1.21
Focus=-4.613
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.656 -5.691 -1.491
T123=13.5 12.2 14.3
ALT/AZ=56.0 160.5
fwAVG=2.04
sdW=575.1
fwW=1.97
sdS=35.2
fwS=2.18
0 0 0 0 0 0 0 0 0

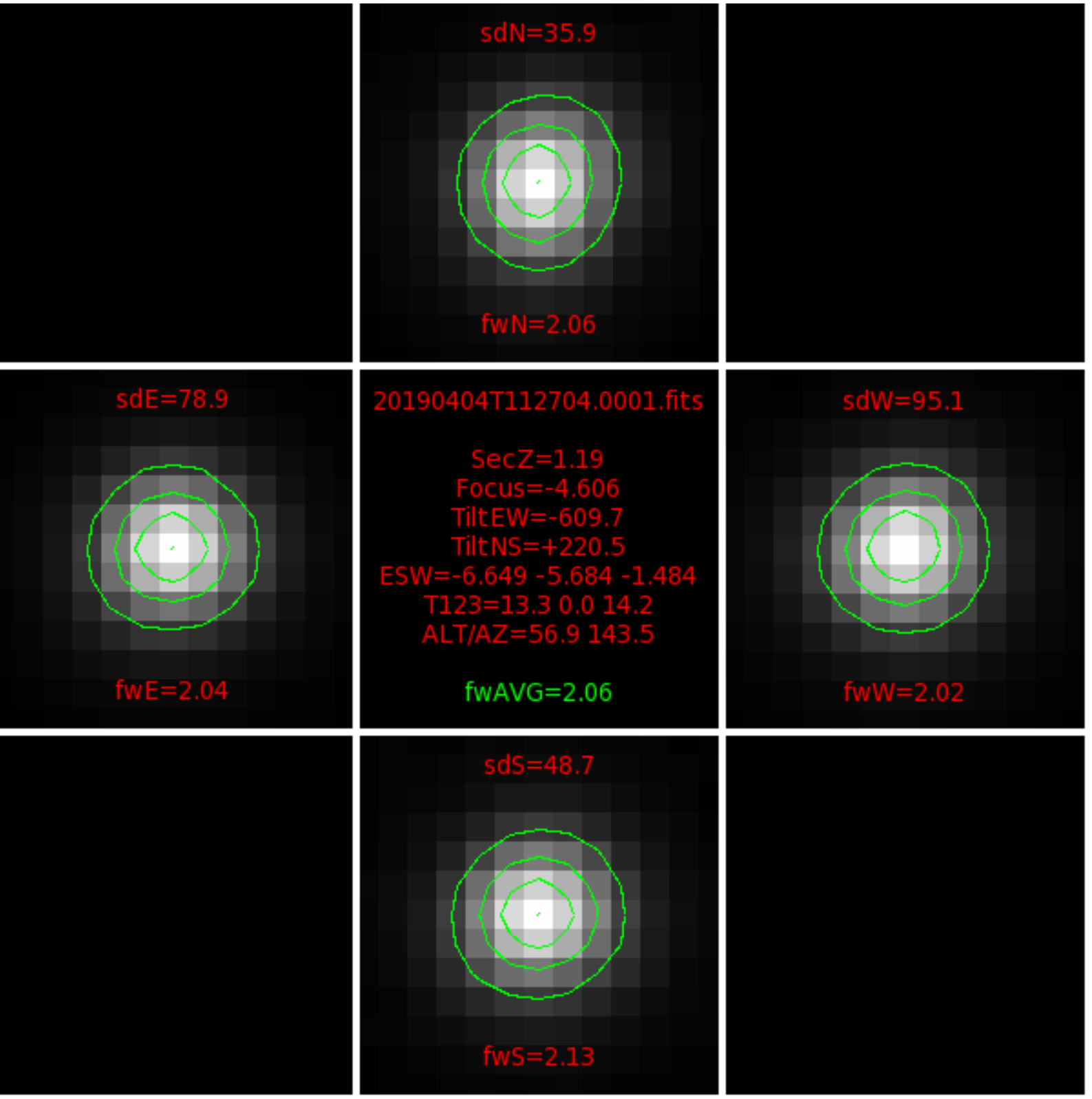

sdN=70.1
fwN=2.36
sdE=75.7
fwE=2.31
20190404T111725.0001.fits
SecZ=1.20
Focus=-4.613
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.656 -5.691 -1.491
T123=13.4 12.3 14.3
ALT/AZ=56.2 157.6
fwAVG=2.30
sdW=231.5
fwW=2.18
sdS=45.8
fwS=2.34
0 0 0 0 0 0 0 0 0

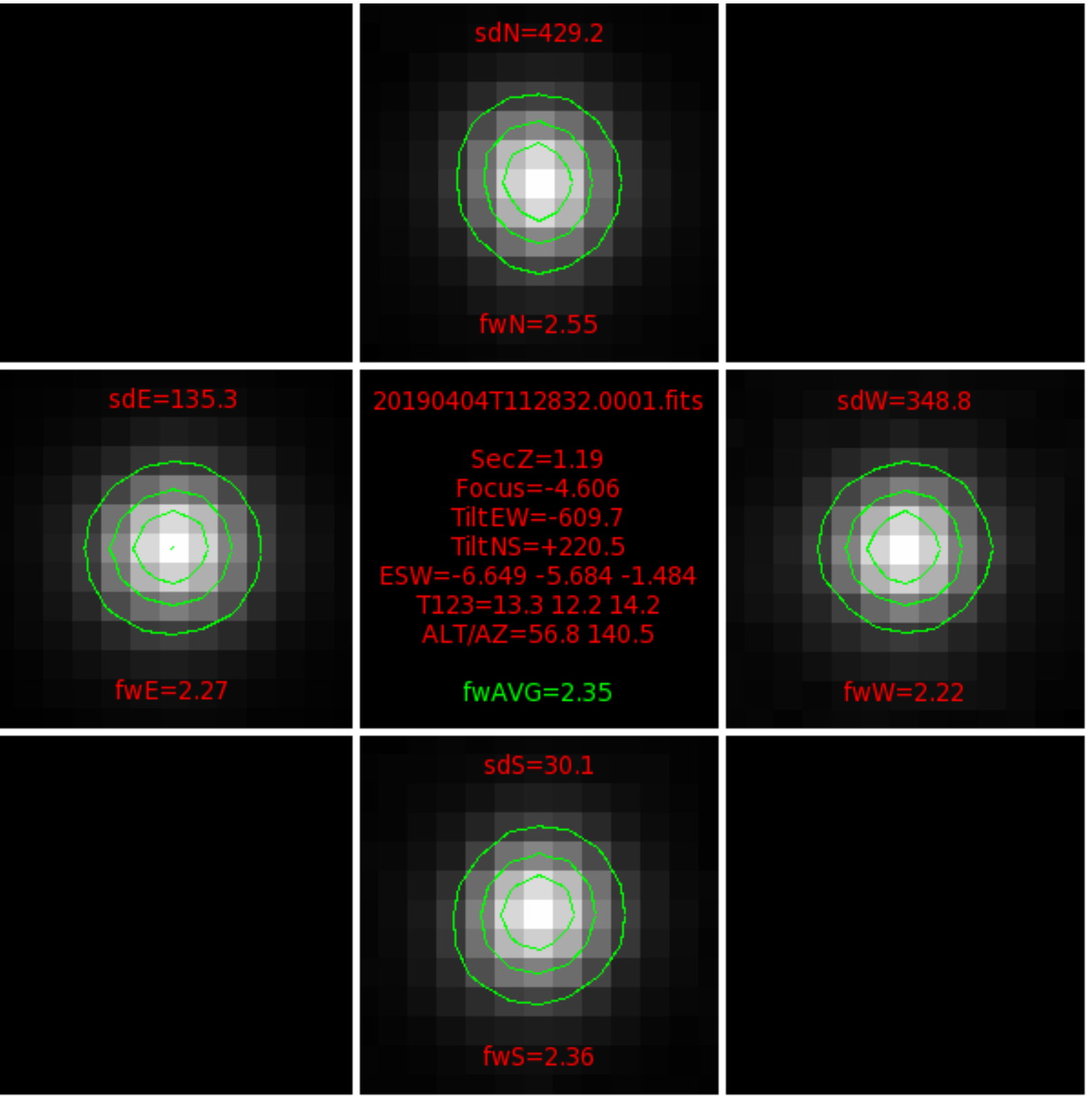

sdN=12.9
fwN=2.05
sdE=510.4
fwE=2.21
20190404T112038.0001.fits
SecZ=1.20
Focus=-4.613
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.656 -5.691 -1.491
T123=13.4 12.2 14.3
ALT/AZ=56.6 155.4
fwAVG=2.08
sdW=826.8
fwW=2.10
sdS=20.6
fwS=1.95
0 0 0 0 0 0 0 0 0

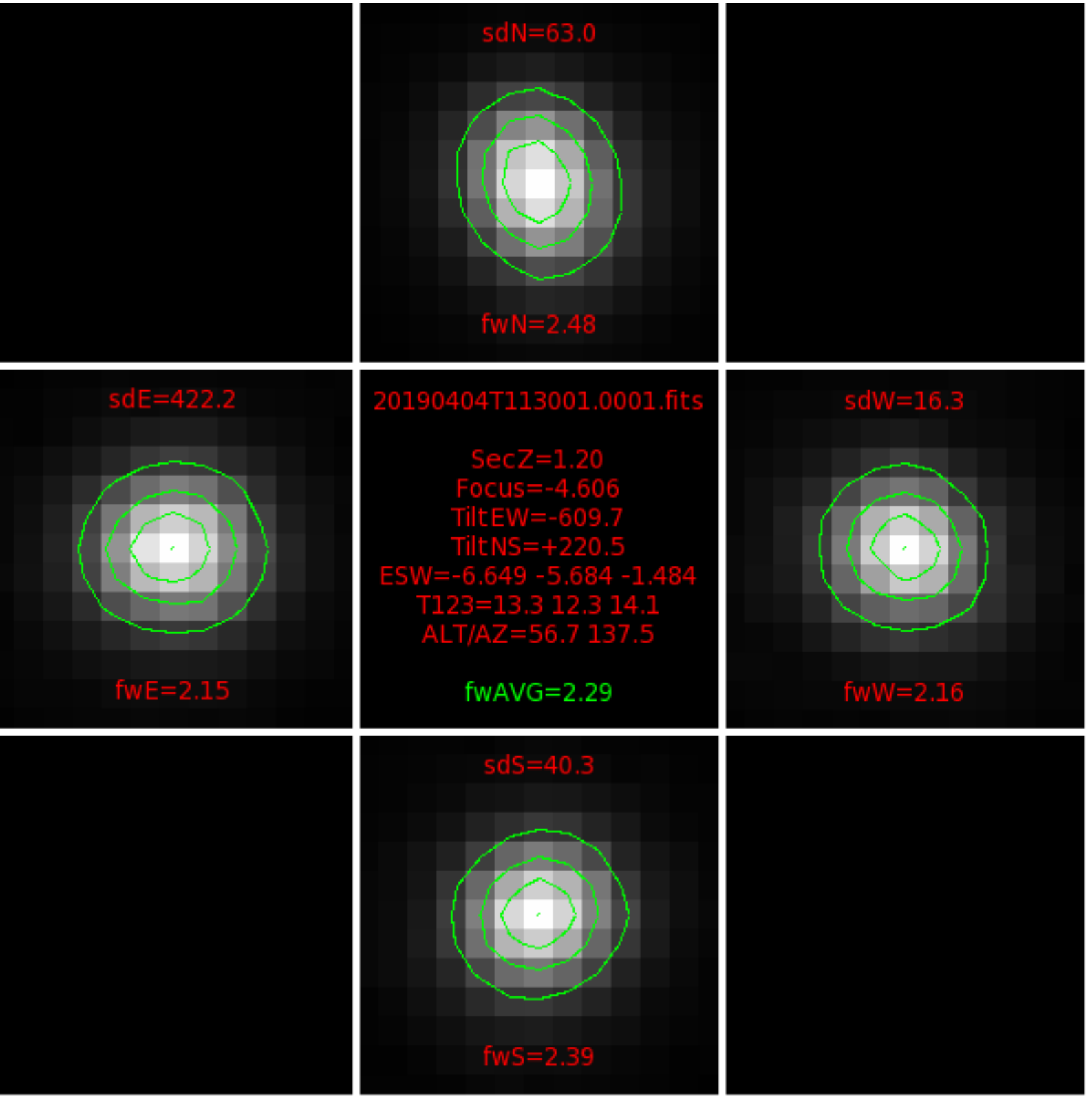

sdN=38.7
fwN=2.11
sdE=11.9
fwE=2.15
20190404T112235.0001.fits
SecZ=1.19
Focus=-4.613
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.656 -5.691 -1.491
T123=13.3 12.2 14.2
ALT/AZ=56.8 152.6
fwAVG=2.12
sdW=179.4
fwW=2.06
sdS=132.2
fwS=2.18
0 0 0 0 0 0 0 0 0

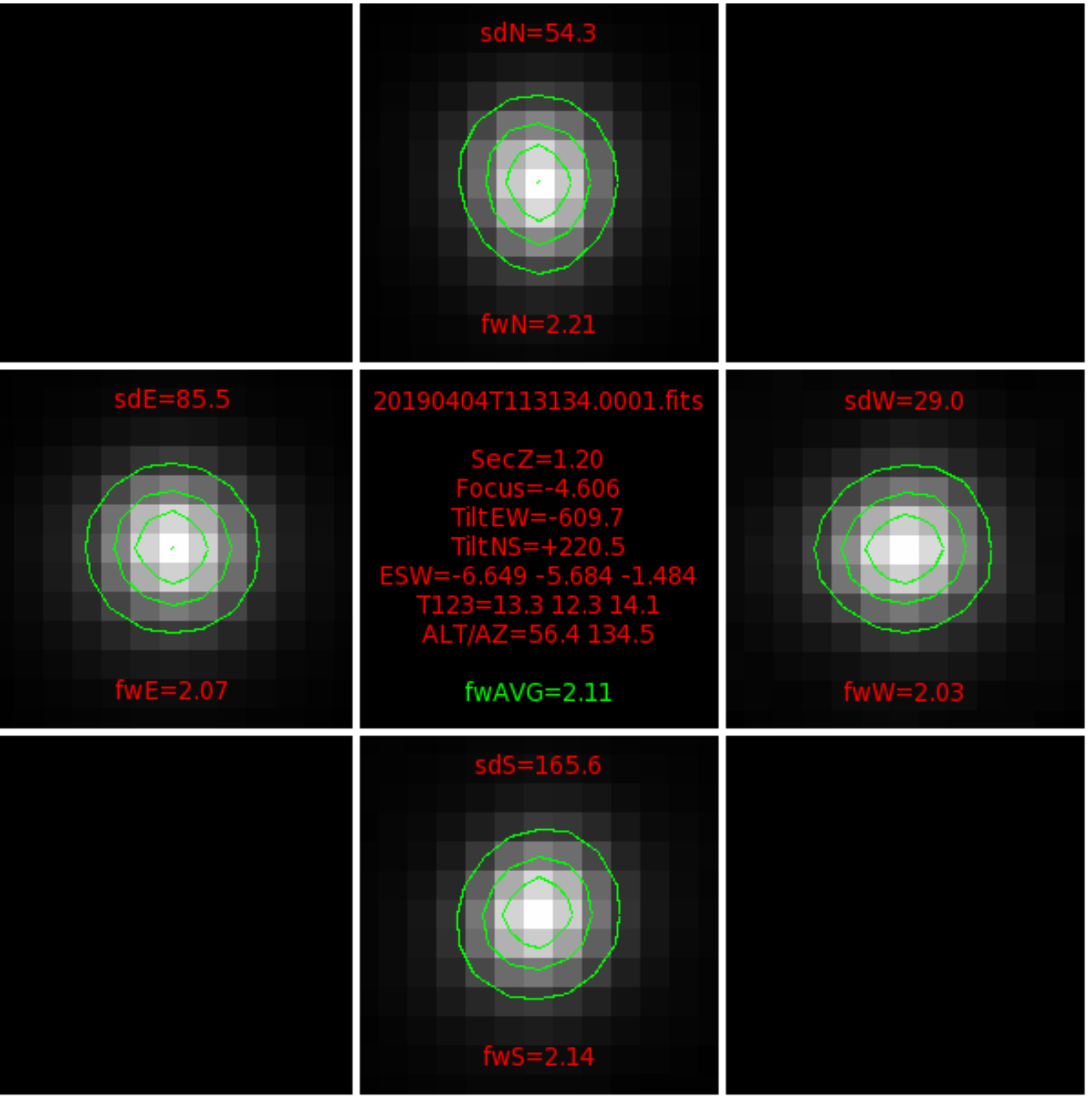

sdN=500.5
fwN=2.08
sdE=69.4
fwE=2.31
20190404T112402.0001.fits
SecZ=1.19
Focus=-4.606
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.649 -5.684 -1.484
T123=13.4 12.2 14.2
ALT/AZ=56.9 149.5
fwAVG=2.08
sdW=210.2
fwW=1.94
sdS=37.1
fwS=1.98
0 0 0 0 0 0 0 0 0

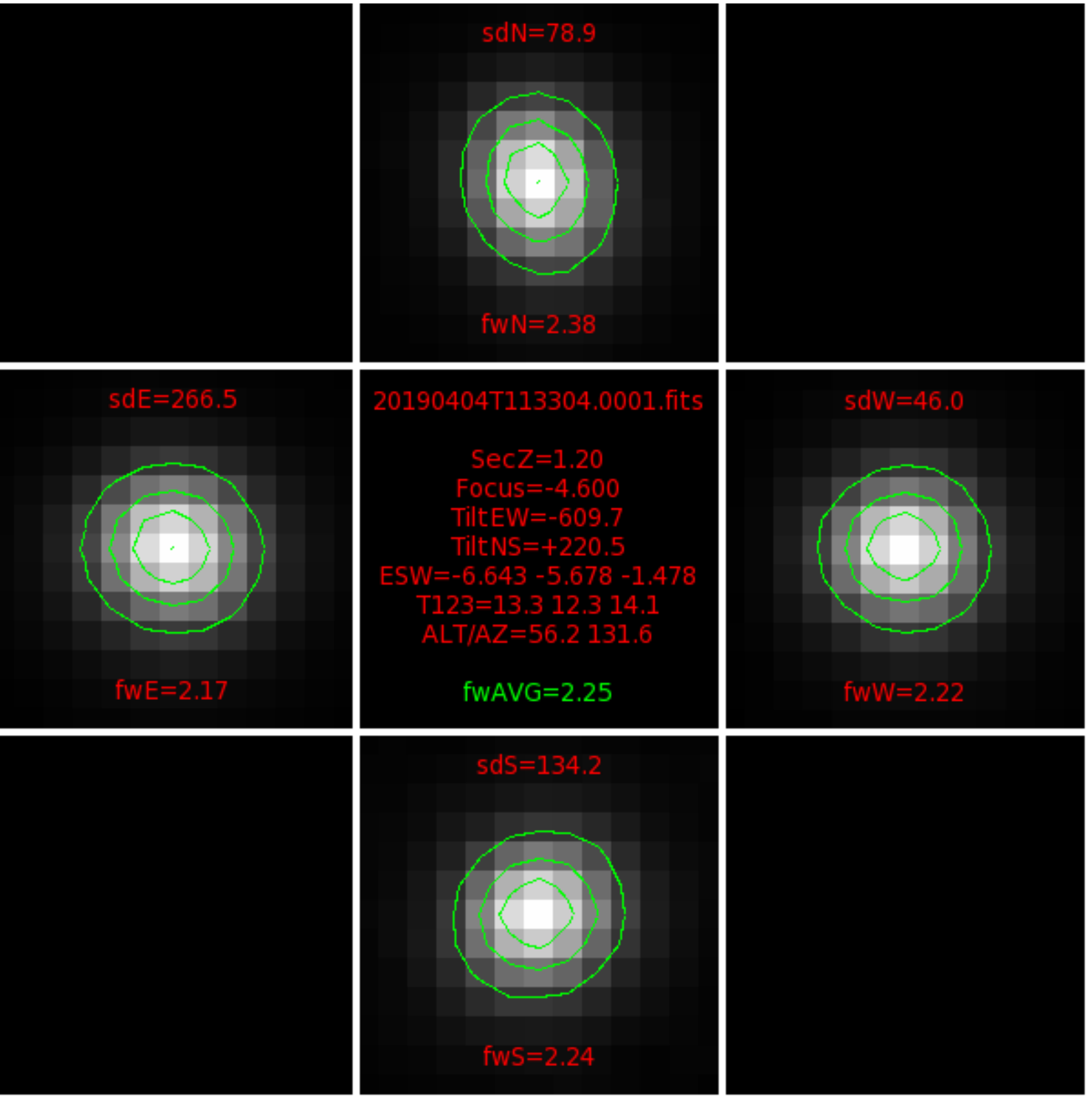

sdN=129.3
fwN=2.14
sdE=345.4
fwE=2.10
20190404T112532.0001.fits
SecZ=1.19
Focus=-4.606
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.649 -5.684 -1.484
T123=13.4 12.3 14.2
ALT/AZ=57.0 146.5
fwAVG=2.11
sdW=177.9
fwW=2.02
sdS=72.8
fwS=2.19
0 0 0 0 0 0 0 0 0

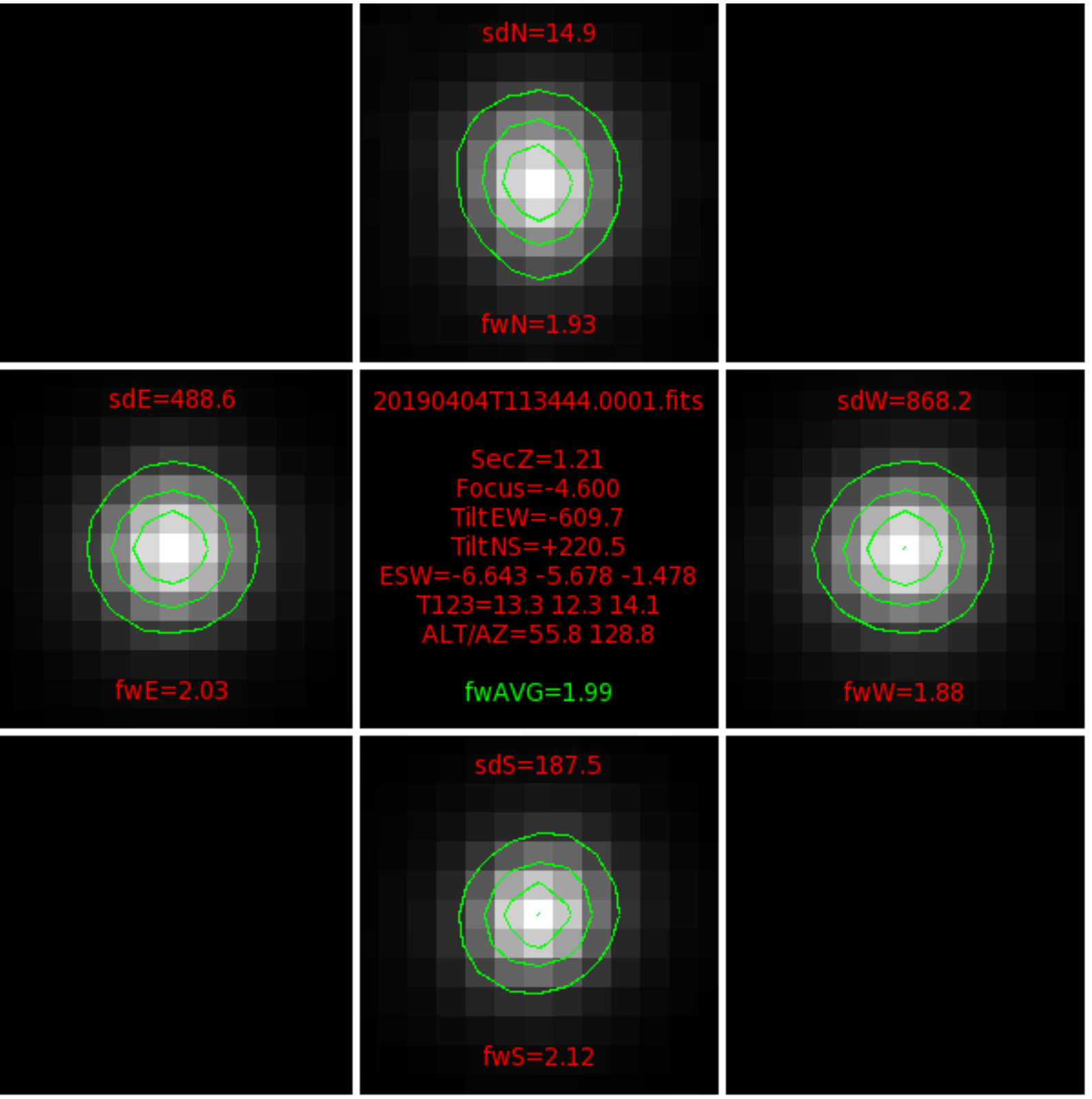

sdN=35.9
fwN=2.06
sdE=78.9
fwE=2.04
20190404T112704.0001.fits
SecZ=1.19
Focus=-4.606
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.649 -5.684 -1.484
T123=13.3 0.0 14.2
ALT/AZ=56.9 143.5
fwAVG=2.06
sdW=95.1
fwW=2.02
sdS=48.7
fwS=2.13
0 0 0 0 0 0 0 0 0

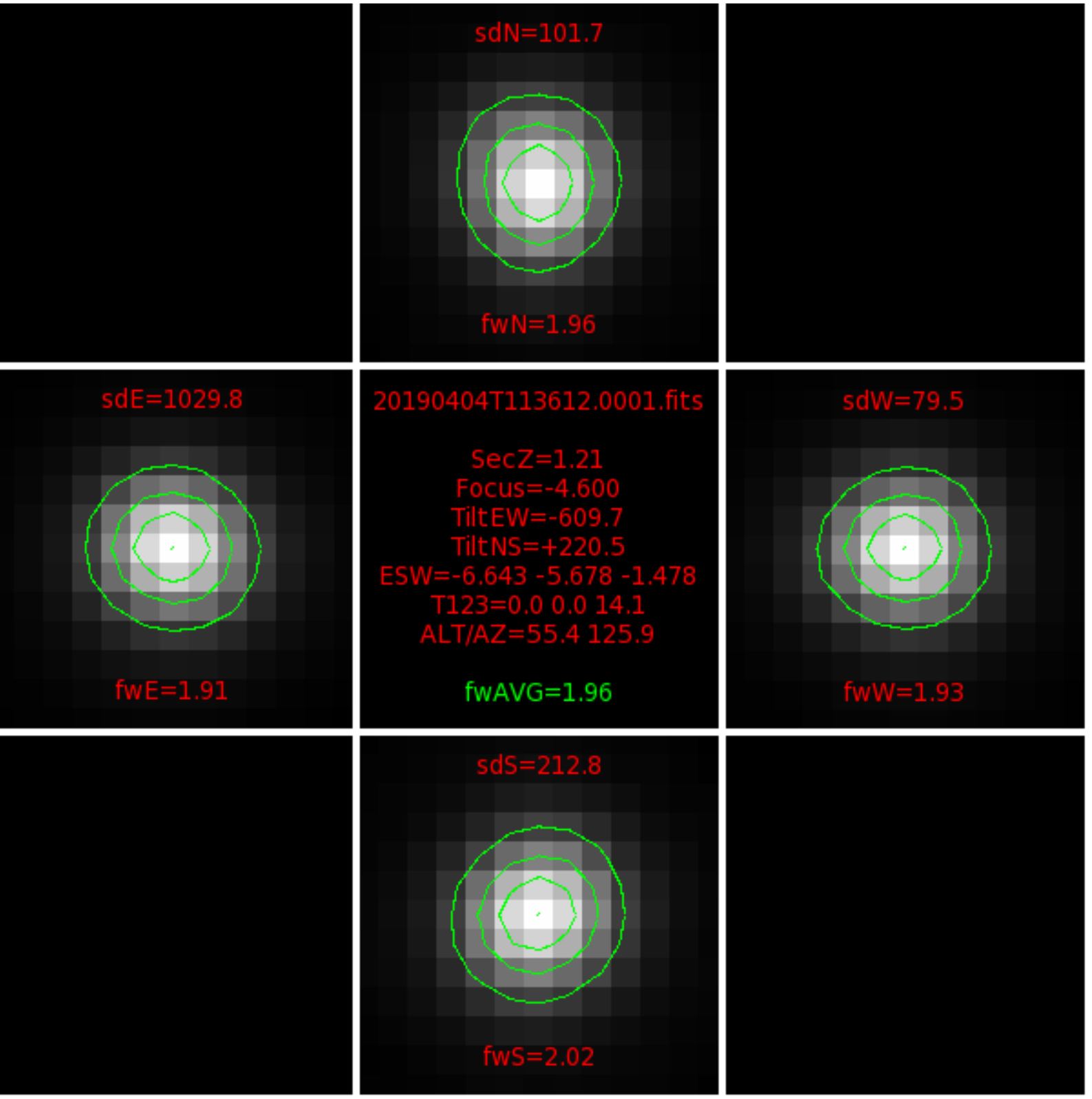

sdN=429.2
fwN=2.55
sdE=135.3
fwE=2.27
20190404T112832.0001.fits
SecZ=1.19
Focus=-4.606
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.649 -5.684 -1.484
T123=13.3 12.2 14.2
ALT/AZ=56.8 140.5
fwAVG=2.35
sdW=348.8
fwW=2.22
sdS=30.1
fwS=2.36
0 0 0 0 0 0 0 0 0

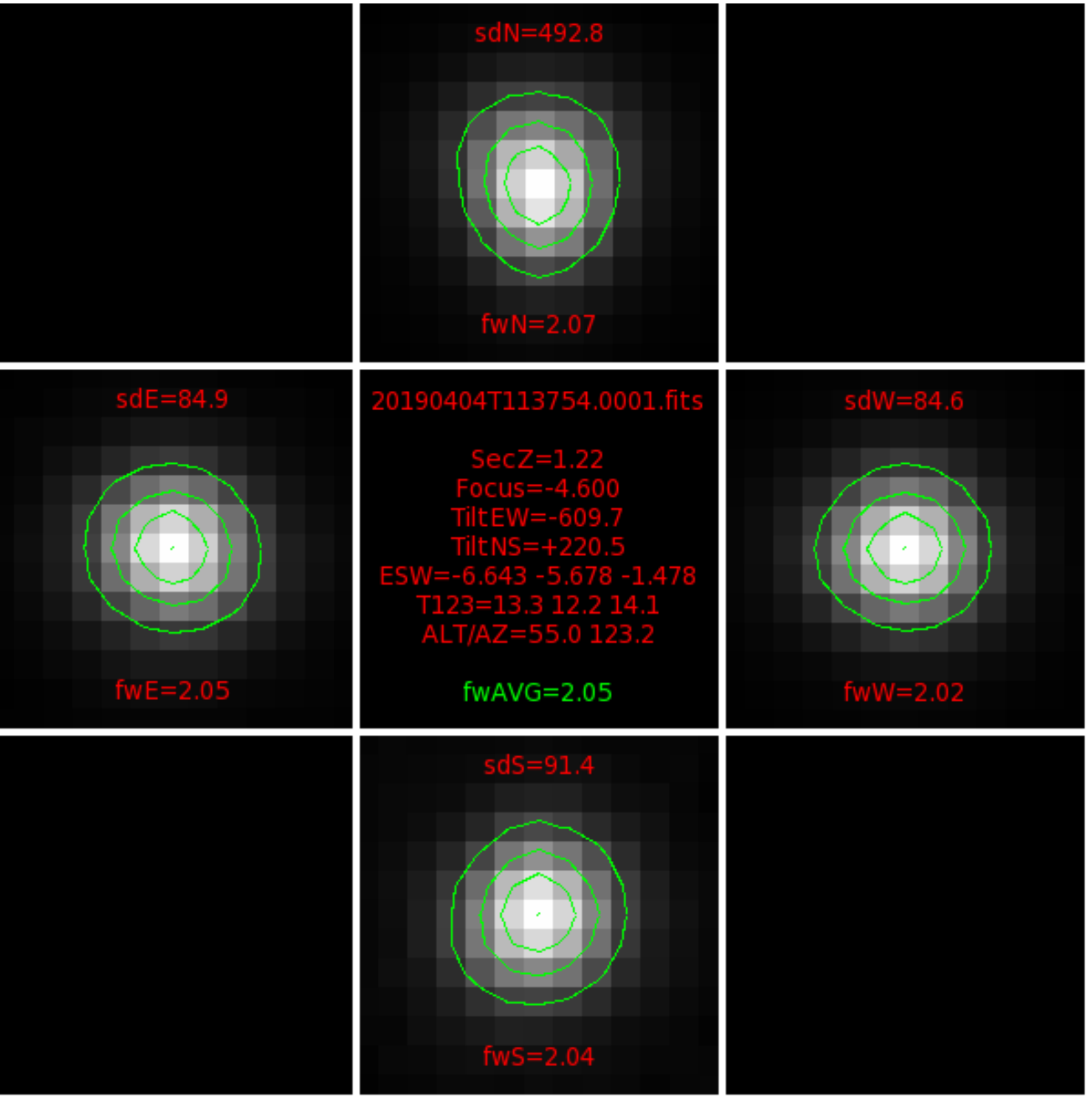

sdN=63.0
fwN=2.48
sdE=422.2
fwE=2.15
20190404T113001.0001.fits
SecZ=1.20
Focus=-4.606
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.649 -5.684 -1.484
T123=13.3 12.3 14.1
ALT/AZ=56.7 137.5
fwAVG=2.29
sdW=16.3
fwW=2.16
sdS=40.3
fwS=2.39
0 0 0 0 0 0 0 0 0

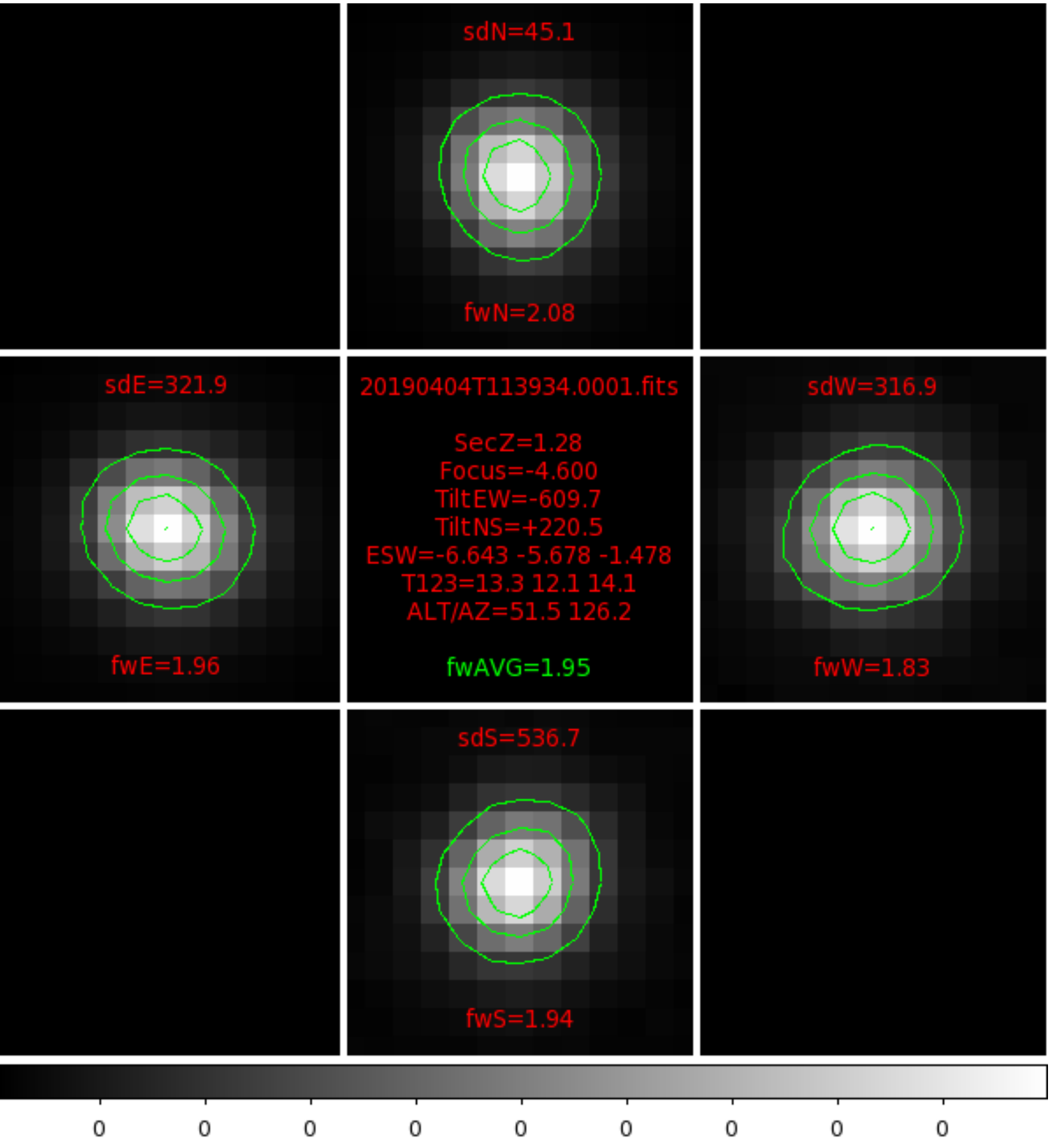

sdN=54.3
fwN=2.21
sdE=85.5
fwE=2.07
20190404T113134.0001.fits
SecZ=1.20
Focus=-4.606
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.649 -5.684 -1.484
T123=13.3 12.3 14.1
ALT/AZ=56.4 134.5
fwAVG=2.11
sdW=29.0
fwW=2.03
sdS=165.6
fwS=2.14
0 0 0 0 0 0 0 0 0

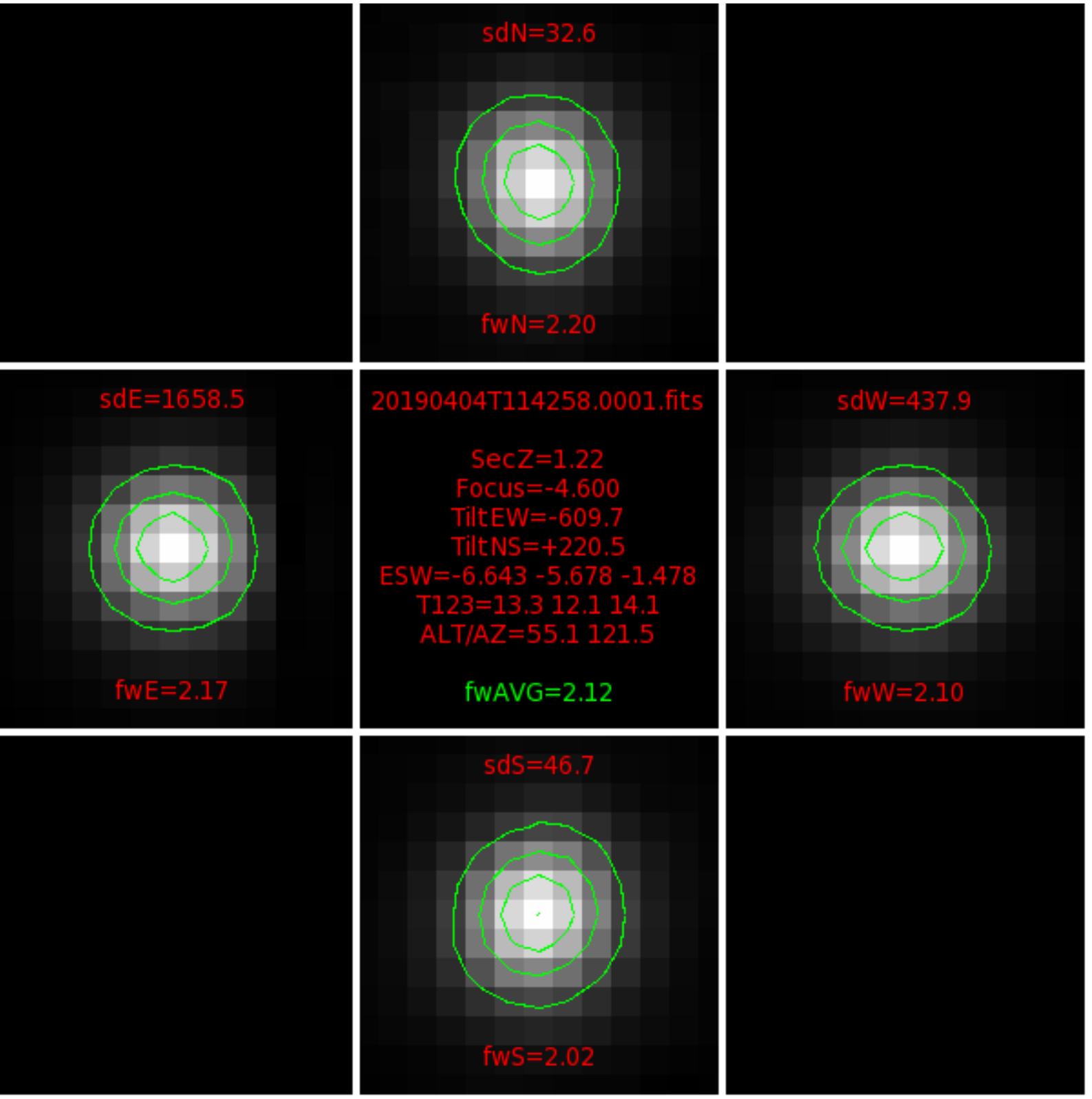

sdN=78.9
fwN=2.38
sdE=266.5
fwE=2.17
20190404T113304.0001.fits
SecZ=1.20
Focus=-4.600
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.643 -5.678 -1.478
T123=13.3 12.3 14.1
ALT/AZ=56.2 131.6
fwAVG=2.25
sdW=46.0
fwW=2.22
sdS=134.2
fwS=2.24
0 0 0 0 0 0 0 0 0

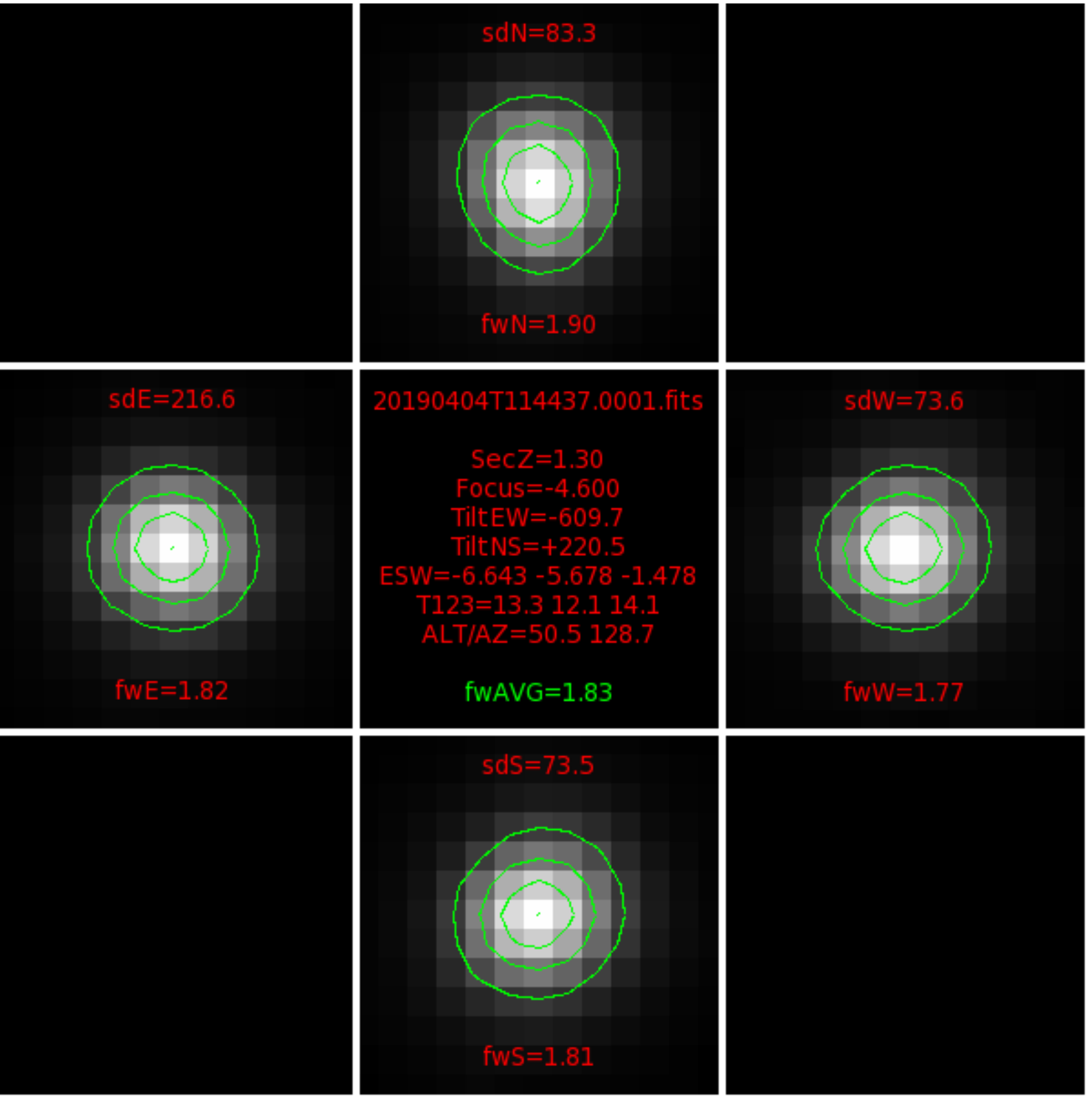

sdN=14.9
fwN=1.93
sdE=488.6
fwE=2.03
20190404T113444.0001.fits
SecZ=1.21
Focus=-4.600
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.643 -5.678 -1.478
T123=13.3 12.3 14.1
ALT/AZ=55.8 128.8
fwAVG=1.99
sdW=868.2
fwW=1.88
sdS=187.5
fwS=2.12
0 0 0 0 0 0 0 0 0

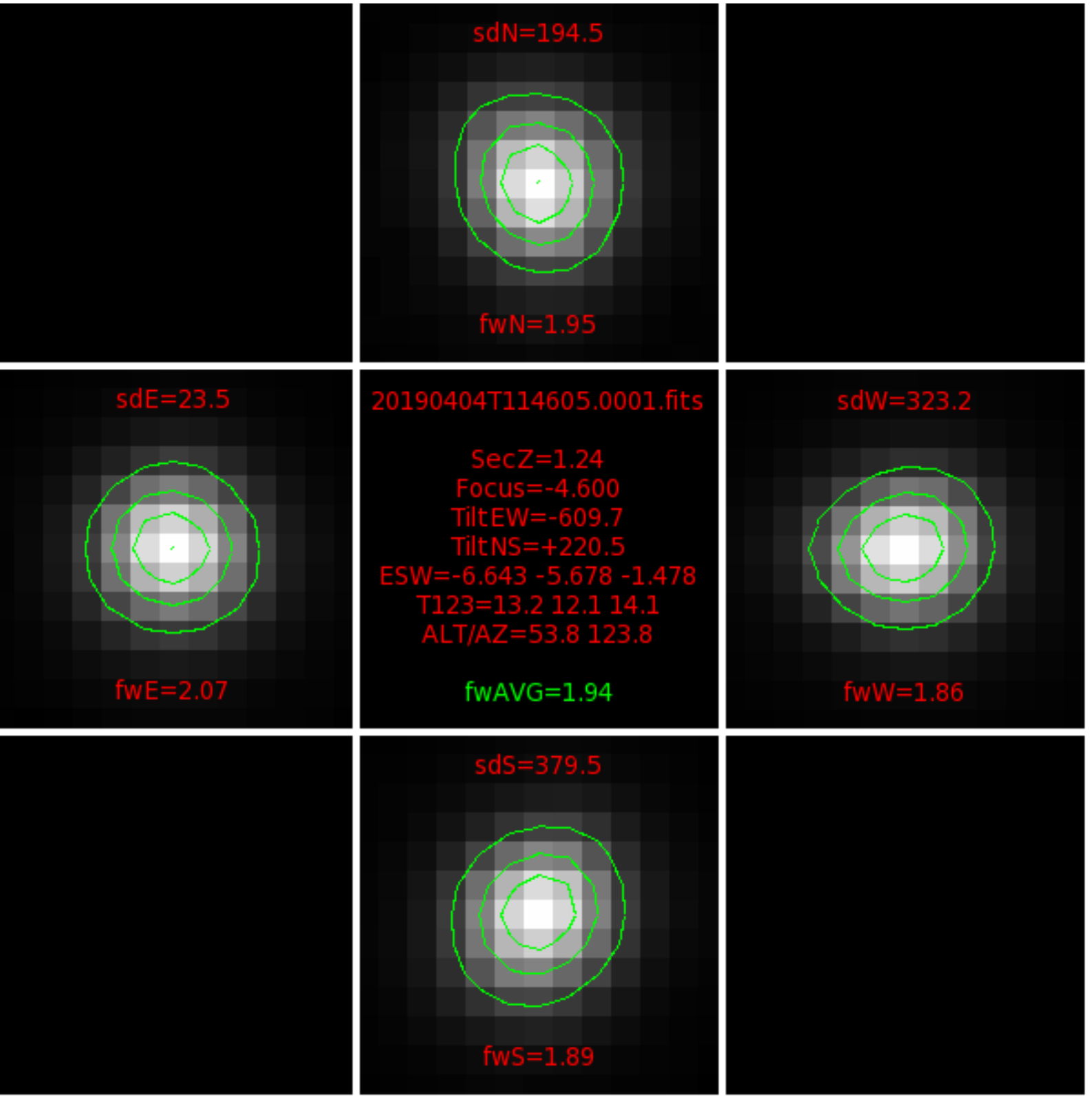

sdN=101.7
fwN=1.96
sdE=1029.8
fwE=1.91
20190404T113612.0001.fits
SecZ=1.21
Focus=-4.600
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.643 -5.678 -1.478
T123=0.0 0.0 14.1
ALT/AZ=55.4 125.9
fwAVG=1.96
sdW=79.5
fwW=1.93
sdS=212.8
fwS=2.02
0 0 0 0 0 0 0 0 0

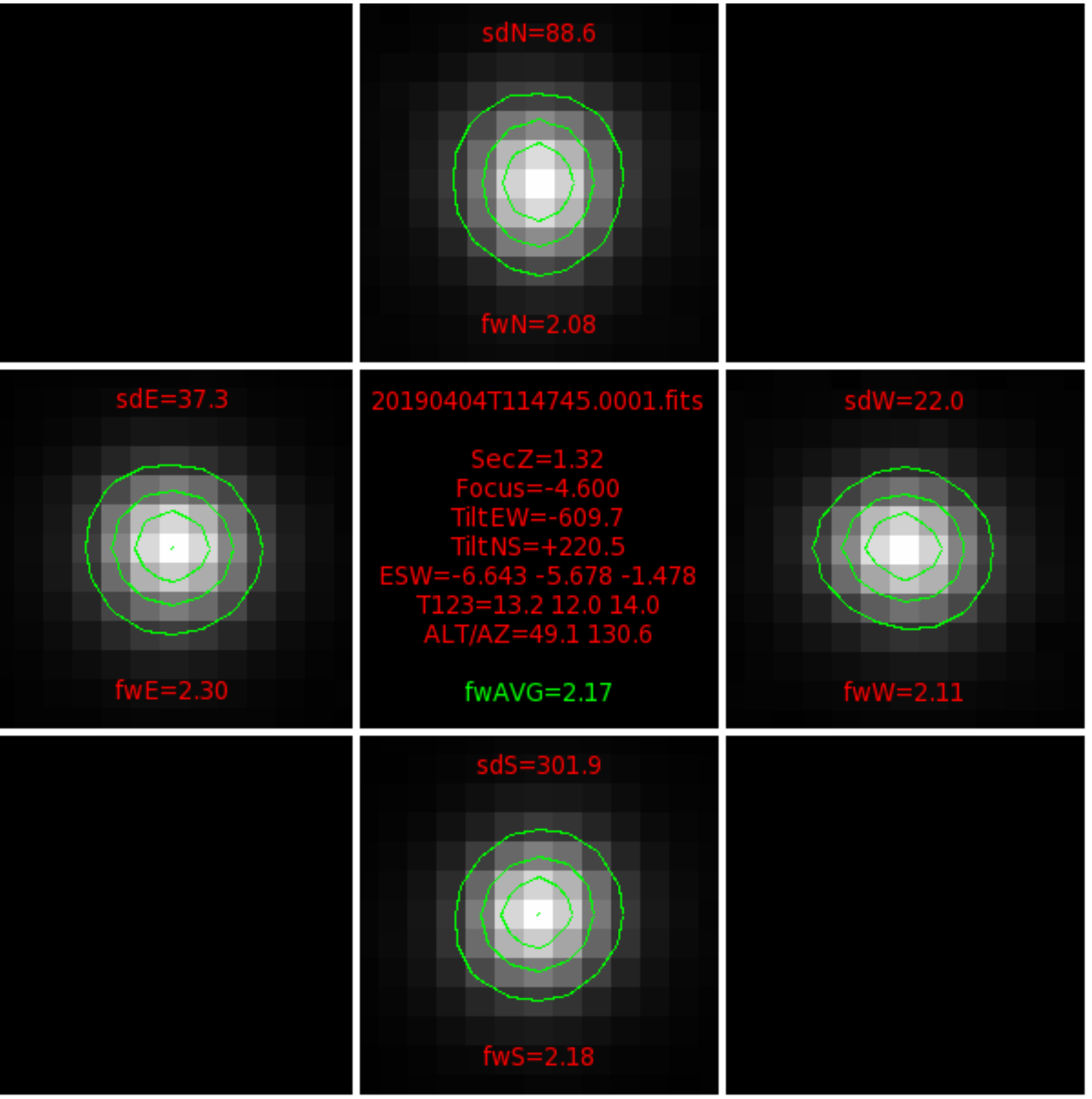

sdN=492.8
fwN=2.07
sdE=84.9
fwE=2.05
20190404T113754.0001.fits
SecZ=1.22
Focus=-4.600
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.643 -5.678 -1.478
T123=13.3 12.2 14.1
ALT/AZ=55.0 123.2
fwAVG=2.05
sdW=84.6
fwW=2.02
sdS=91.4
fwS=2.04
0 0 0 0 0 0 0 0 0

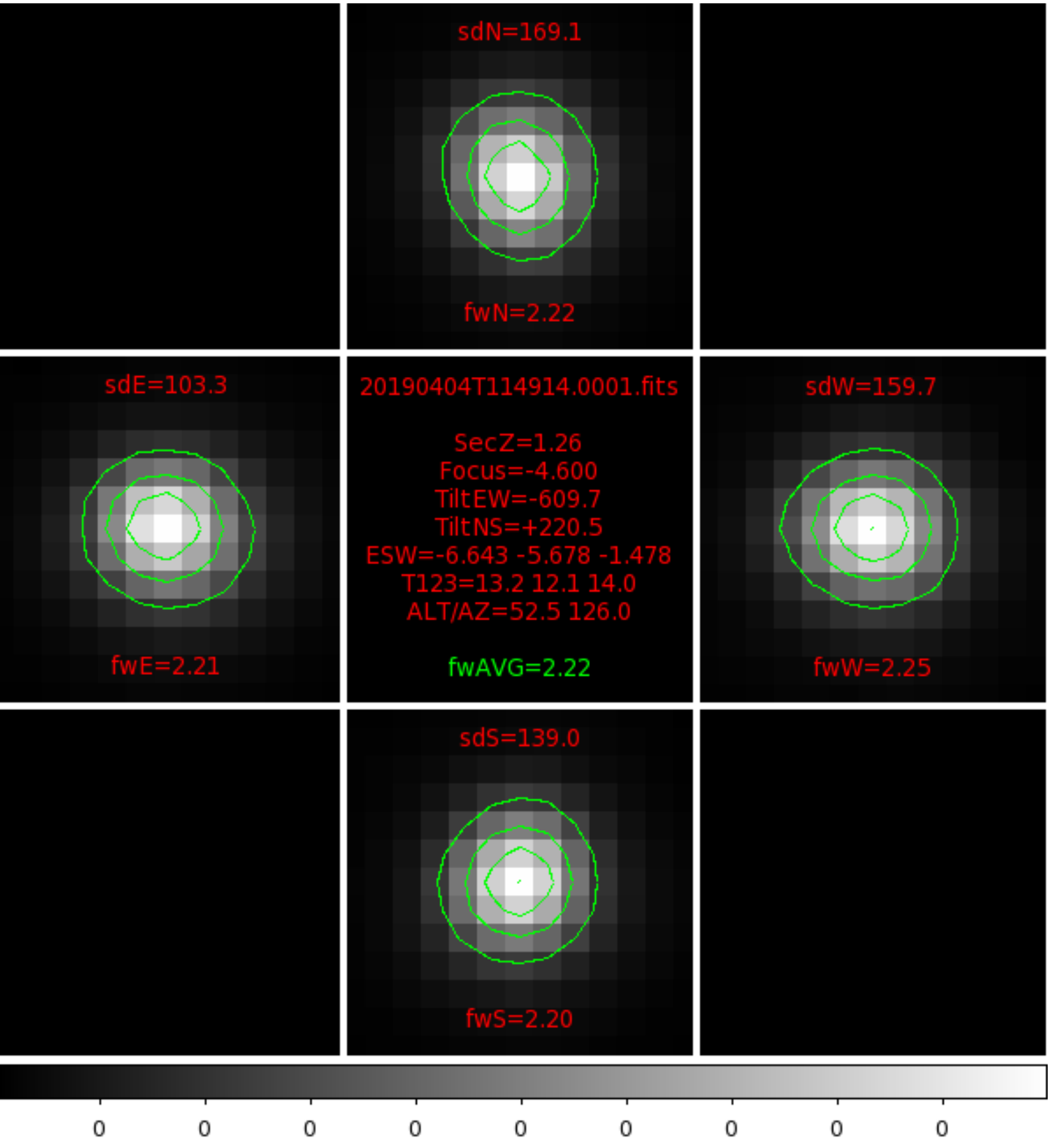

sdN=45.1
fwN=2.08
sdE=321.9
fwE=1.96
20190404T113934.0001.fits
SecZ=1.28
Focus=-4.600
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.643 -5.678 -1.478
T123=13.3 12.1 14.1
ALT/AZ=51.5 126.2
fwAVG=1.95
sdW=316.9
fwW=1.83
sdS=536.7
fwS=1.94
0 0 0 0 0 0 0 0 0

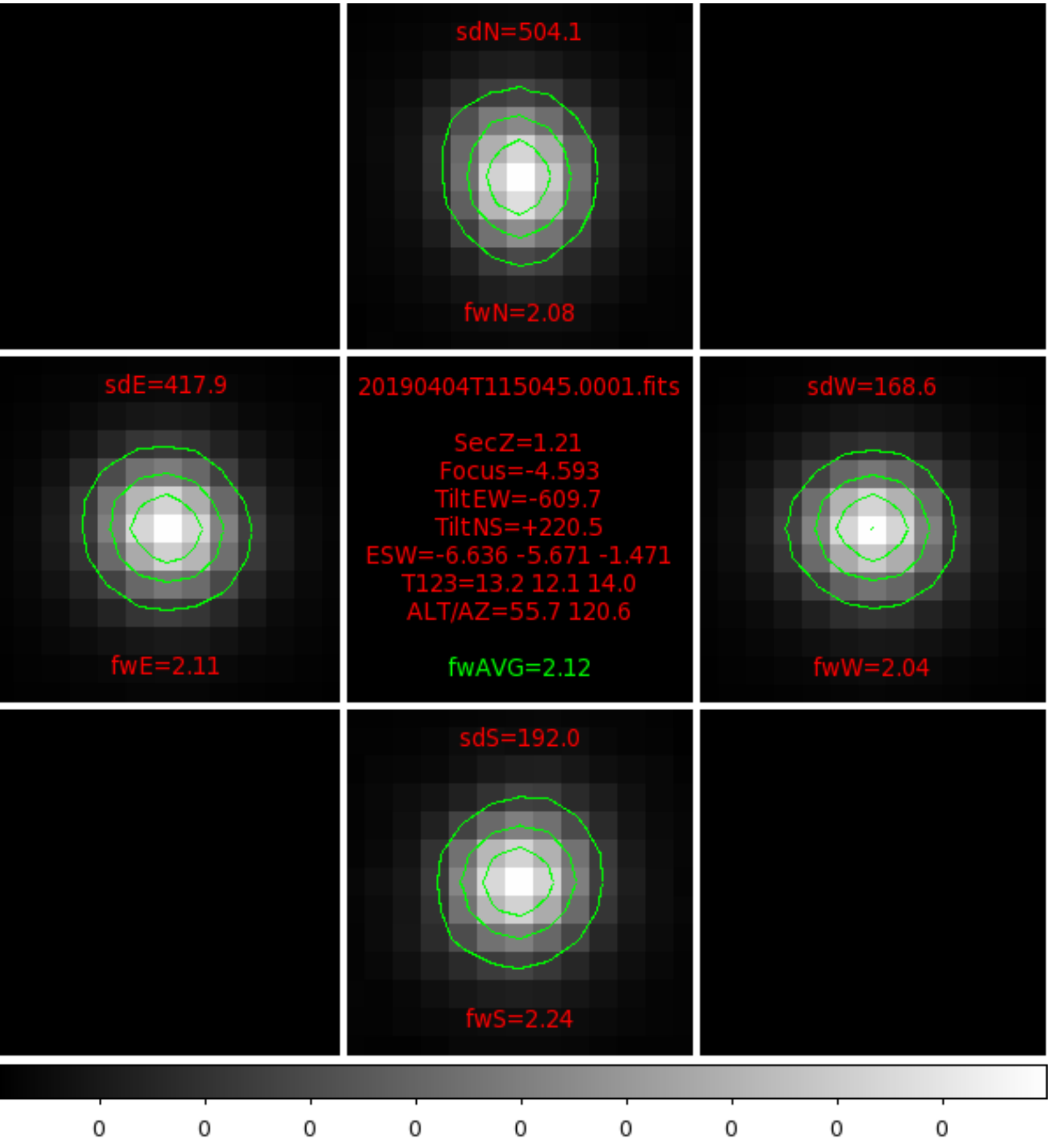

sdN=32.6
fwN=2.20
sdE=1658.5
fwE=2.17
20190404T114258.0001.fits
SecZ=1.22
Focus=-4.600
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.643 -5.678 -1.478
T123=13.3 12.1 14.1
ALT/AZ=55.1 121.5
fwAVG=2.12
sdW=437.9
fwW=2.10
sdS=46.7
fwS=2.02
0 0 0 0 0 0 0 0 0

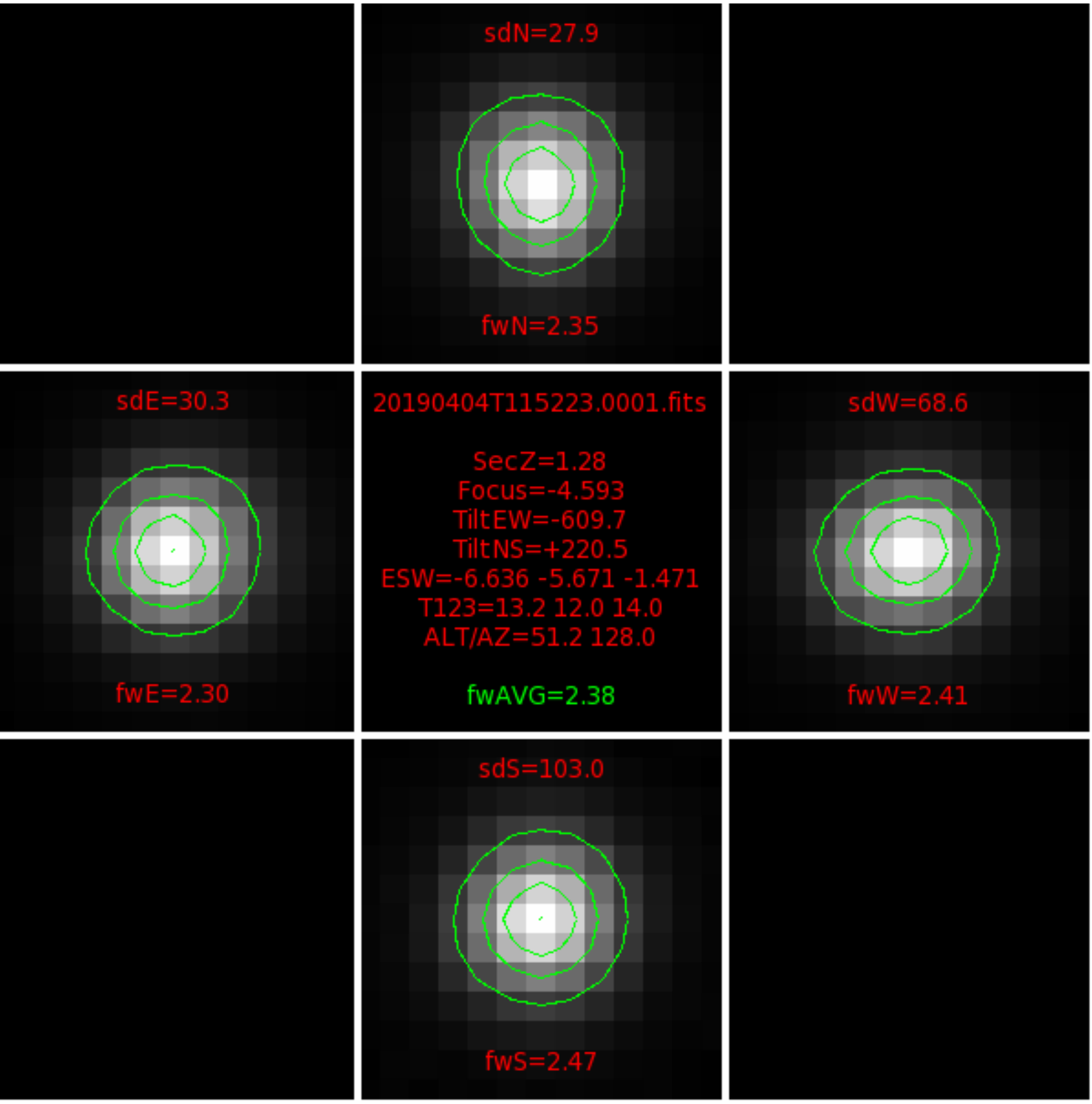

sdN=83.3
fwN=1.90
sdE=216.6
fwE=1.82
20190404T114437.0001.fits
SecZ=1.30
Focus=-4.600
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.643 -5.678 -1.478
T123=13.3 12.1 14.1
ALT/AZ=50.5 128.7
fwAVG=1.83
sdW=73.6
fwW=1.77
sdS=73.5
fwS=1.81
0 0 0 0 0 0 0 0 0

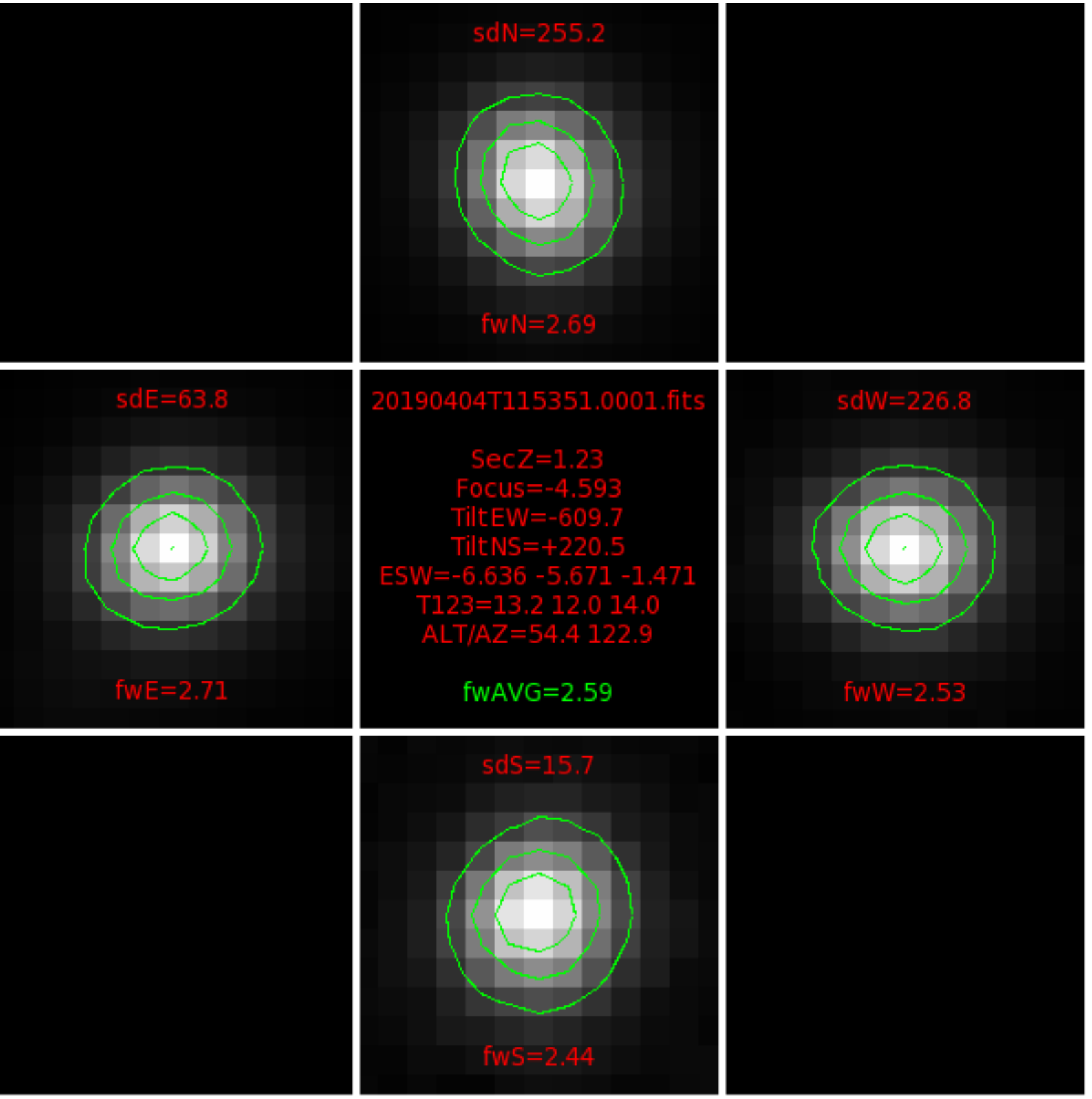

sdN=194.5
fwN=1.95
sdE=23.5
fwE=2.07
20190404T114605.0001.fits
SecZ=1.24
Focus=-4.600
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.643 -5.678 -1.478
T123=13.2 12.1 14.1
ALT/AZ=53.8 123.8
fwAVG=1.94
sdW=323.2
fwW=1.86
sdS=379.5
fwS=1.89
0 0 0 0 0 0 0 0 0

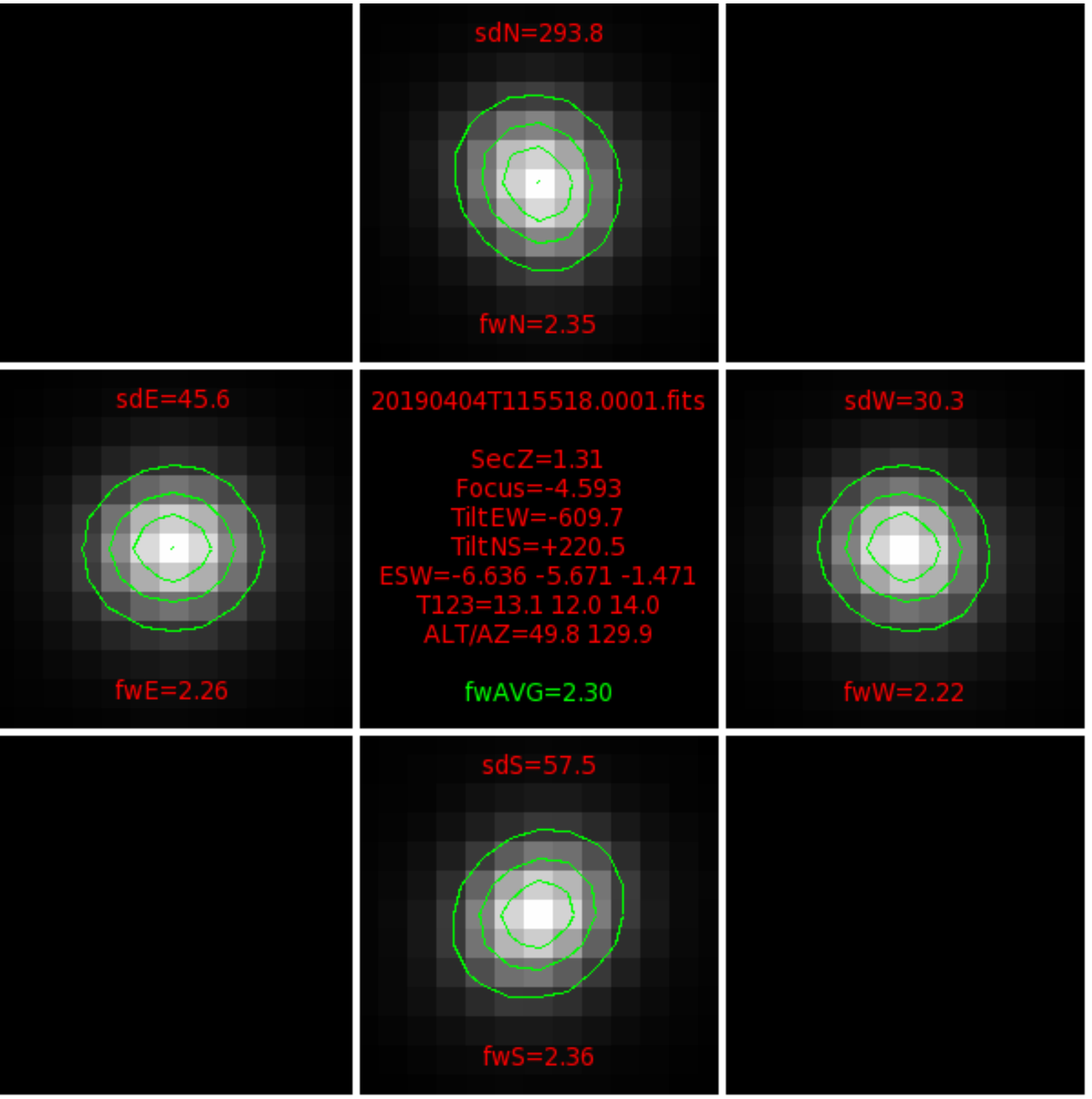

sdN=88.6
fwN=2.08
sdE=37.3
fwE=2.30
20190404T114745.0001.fits
SecZ=1.32
Focus=-4.600
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.643 -5.678 -1.478
T123=13.2 12.0 14.0
ALT/AZ=49.1 130.6
fwAVG=2.17
sdW=22.0
fwW=2.11
sdS=301.9
fwS=2.18
0 0 0 0 0 0 0 0 0

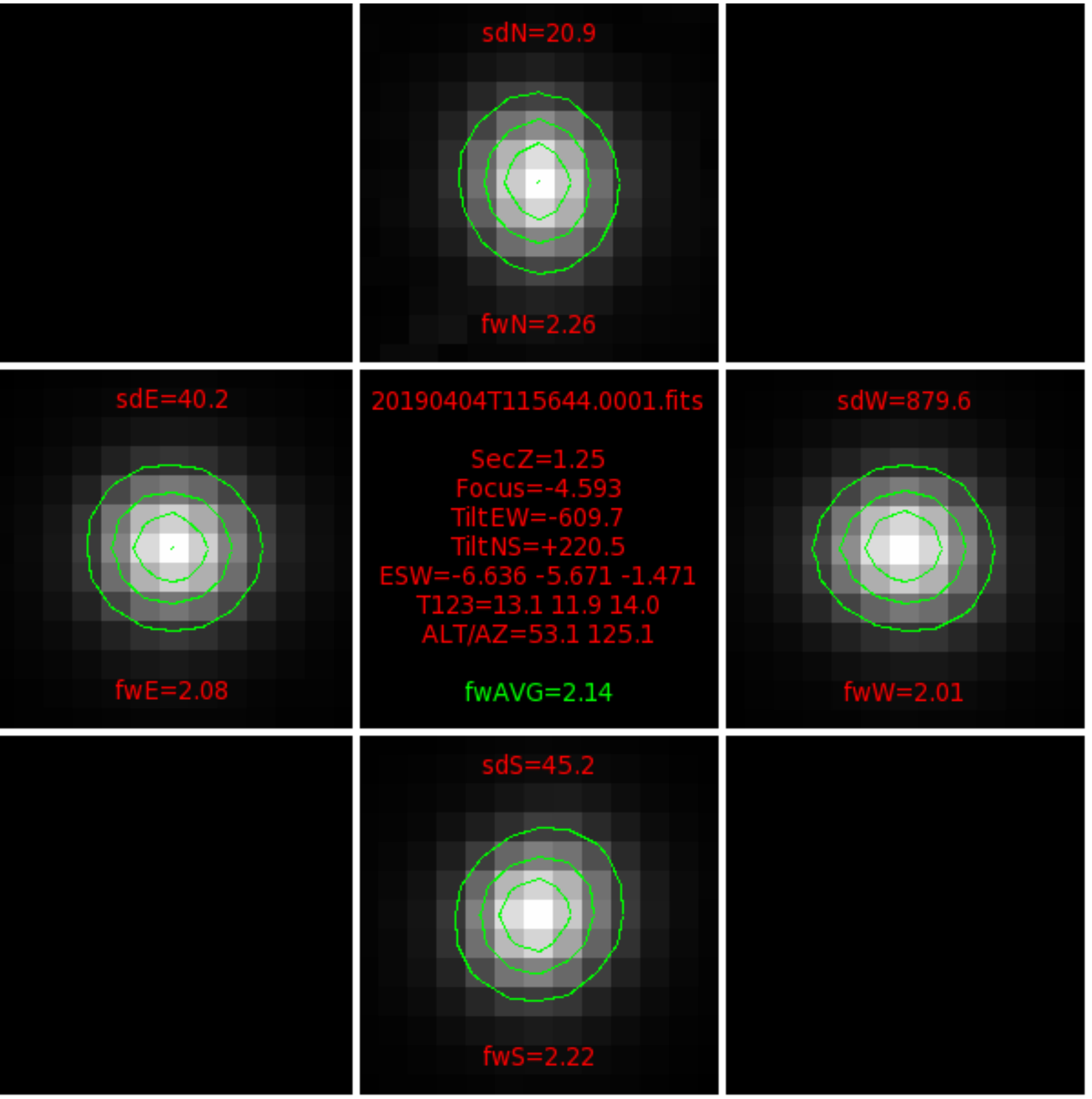

sdN=169.1
fwN=2.22
sdE=103.3
fwE=2.21
20190404T114914.0001.fits
SecZ=1.26
Focus=-4.600
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.643 -5.678 -1.478
T123=13.2 12.1 14.0
ALT/AZ=52.5 126.0
fwAVG=2.22
sdW=159.7
fwW=2.25
sdS=139.0
fwS=2.20
0 0 0 0 0 0 0 0 0

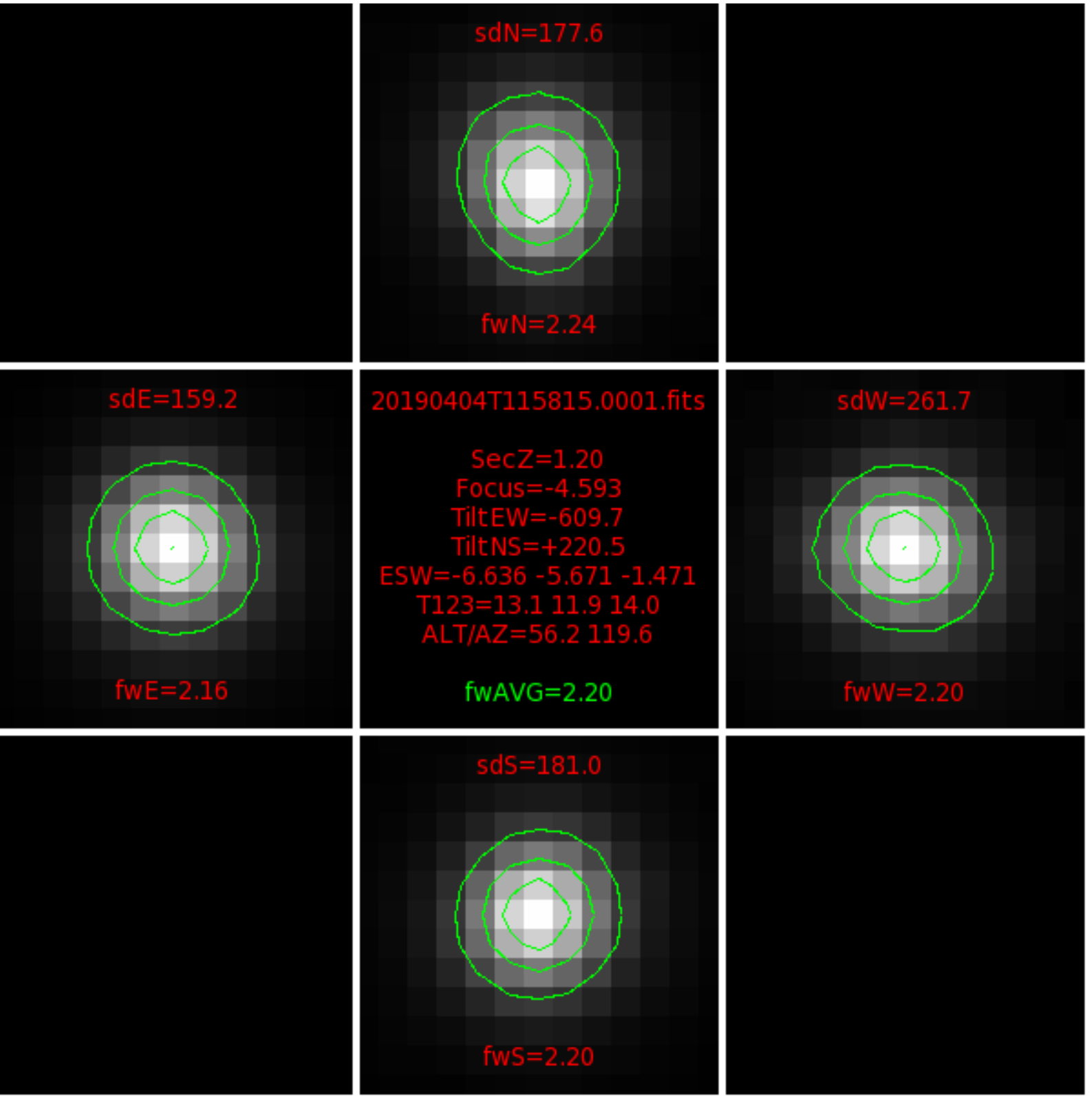

sdN=504.1
fwN=2.08
sdE=417.9
fwE=2.11
20190404T115045.0001.fits
SecZ=1.21
Focus=-4.593
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.636 -5.671 -1.471
T123=13.2 12.1 14.0
ALT/AZ=55.7 120.6
fwAVG=2.12
sdW=168.6
fwW=2.04
sdS=192.0
fwS=2.24
0 0 0 0 0 0 0 0 0

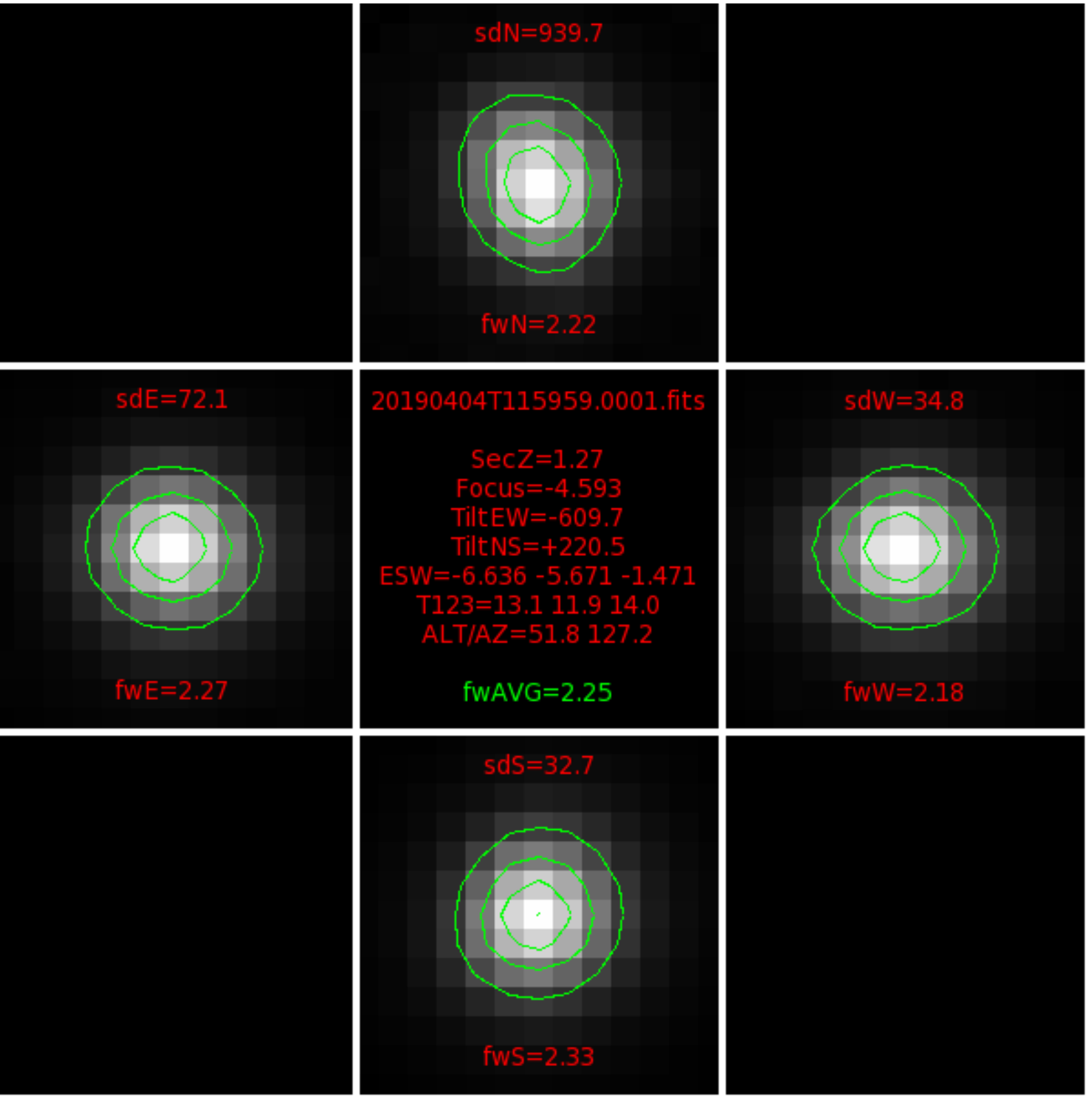

sdN=27.9
fwN=2.35
sdE=30.3
fwE=2.30
20190404T115223.0001.fits
SecZ=1.28
Focus=-4.593
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.636 -5.671 -1.471
T123=13.2 12.0 14.0
ALT/AZ=51.2 128.0
fwAVG=2.38
sdW=68.6
fwW=2.41
sdS=103.0
fwS=2.47
0 0 0 0 0 0 0 0 0

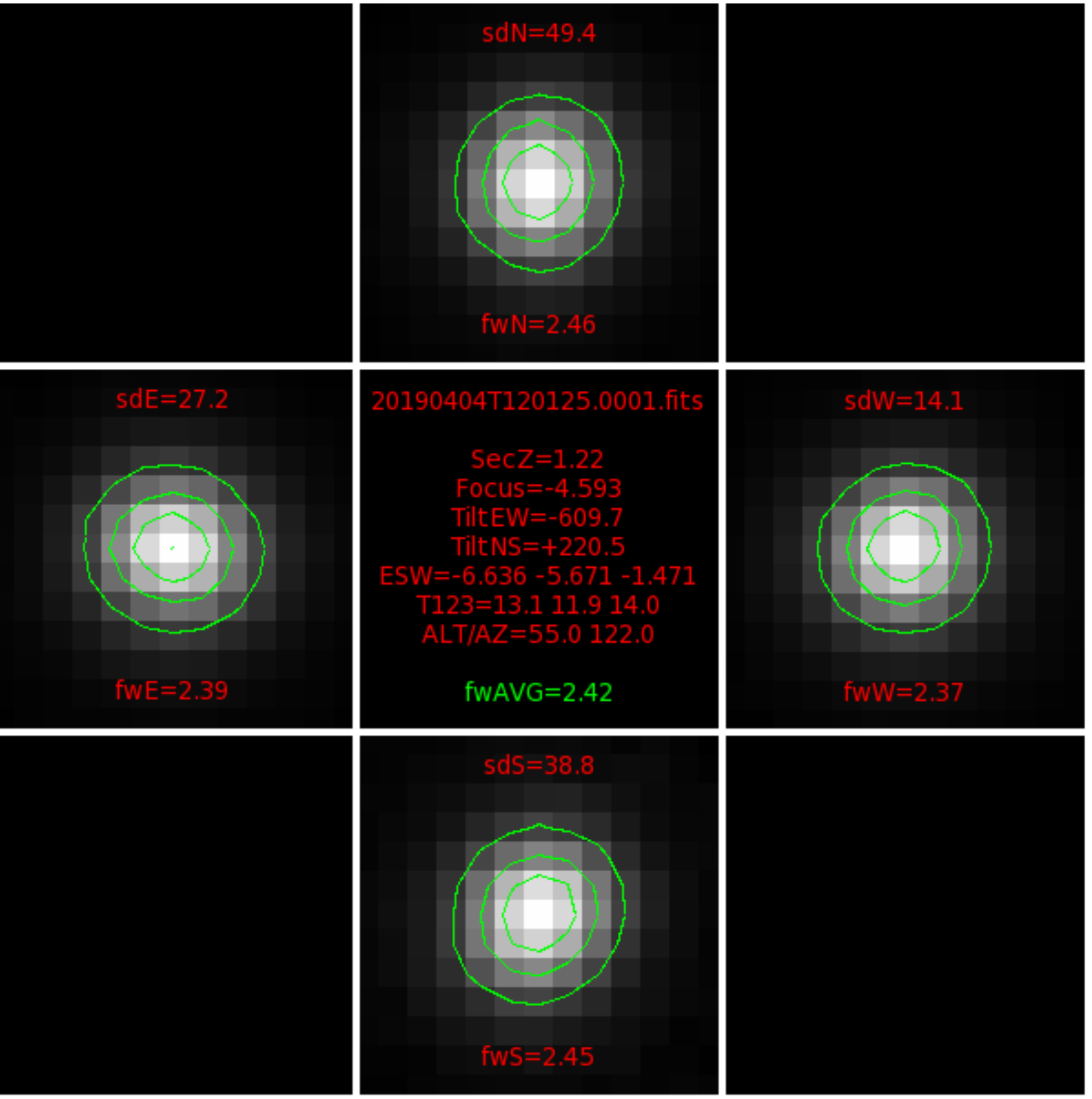

sdN=255.2
fwN=2.69
sdE=63.8
fwE=2.71
20190404T115351.0001.fits
SecZ=1.23
Focus=-4.593
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.636 -5.671 -1.471
T123=13.2 12.0 14.0
ALT/AZ=54.4 122.9
fwAVG=2.59
sdW=226.8
fwW=2.53
sdS=15.7
fwS=2.44
0 0 0 0 0 0 0 0 0

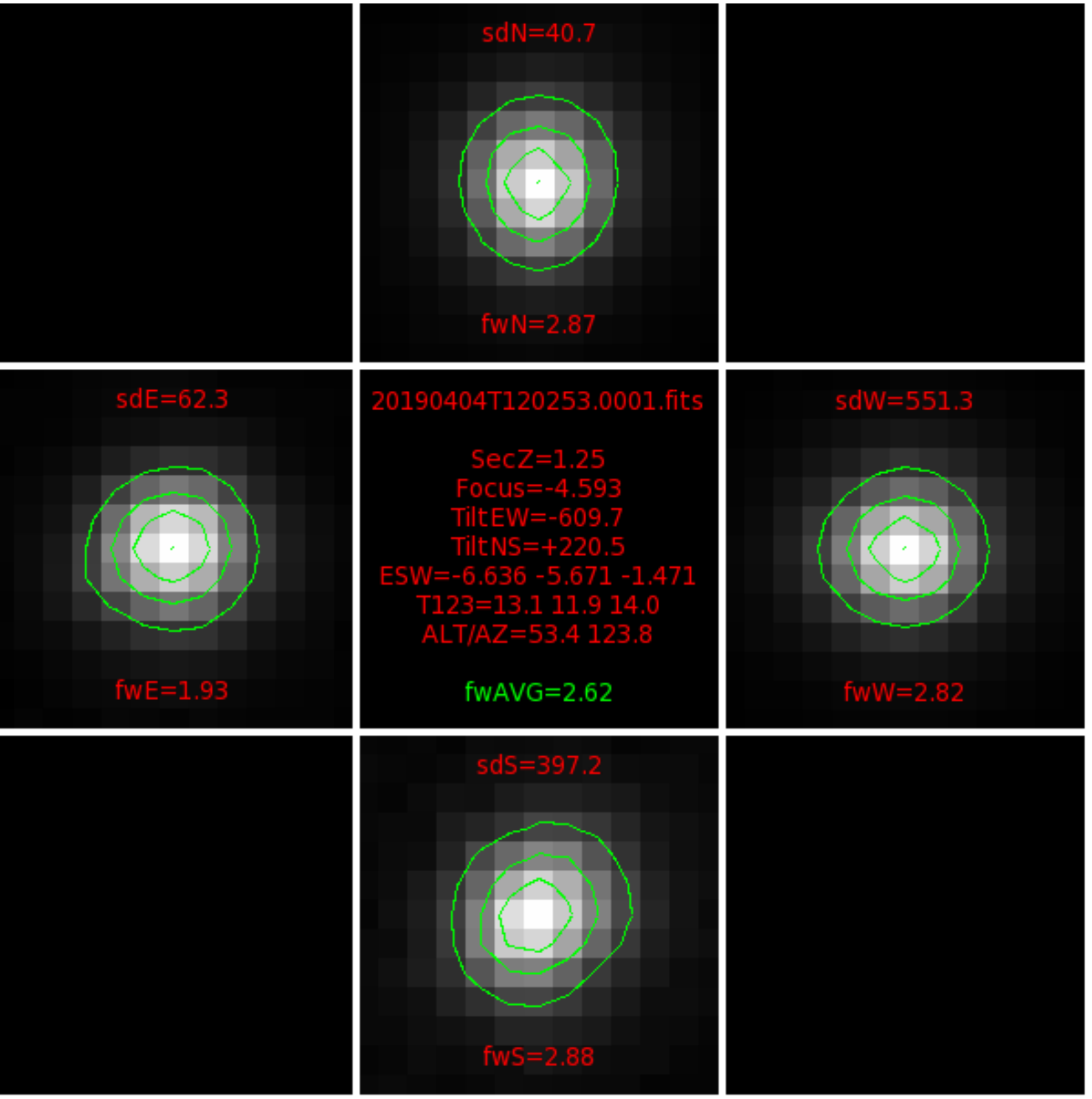

sdN=293.8
fwN=2.35
sdE=45.6
fwE=2.26
20190404T115518.0001.fits
SecZ=1.31
Focus=-4.593
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.636 -5.671 -1.471
T123=13.1 12.0 14.0
ALT/AZ=49.8 129.9
fwAVG=2.30
sdW=30.3
fwW=2.22
sdS=57.5
fwS=2.36
0 0 0 0 0 0 0 0 0

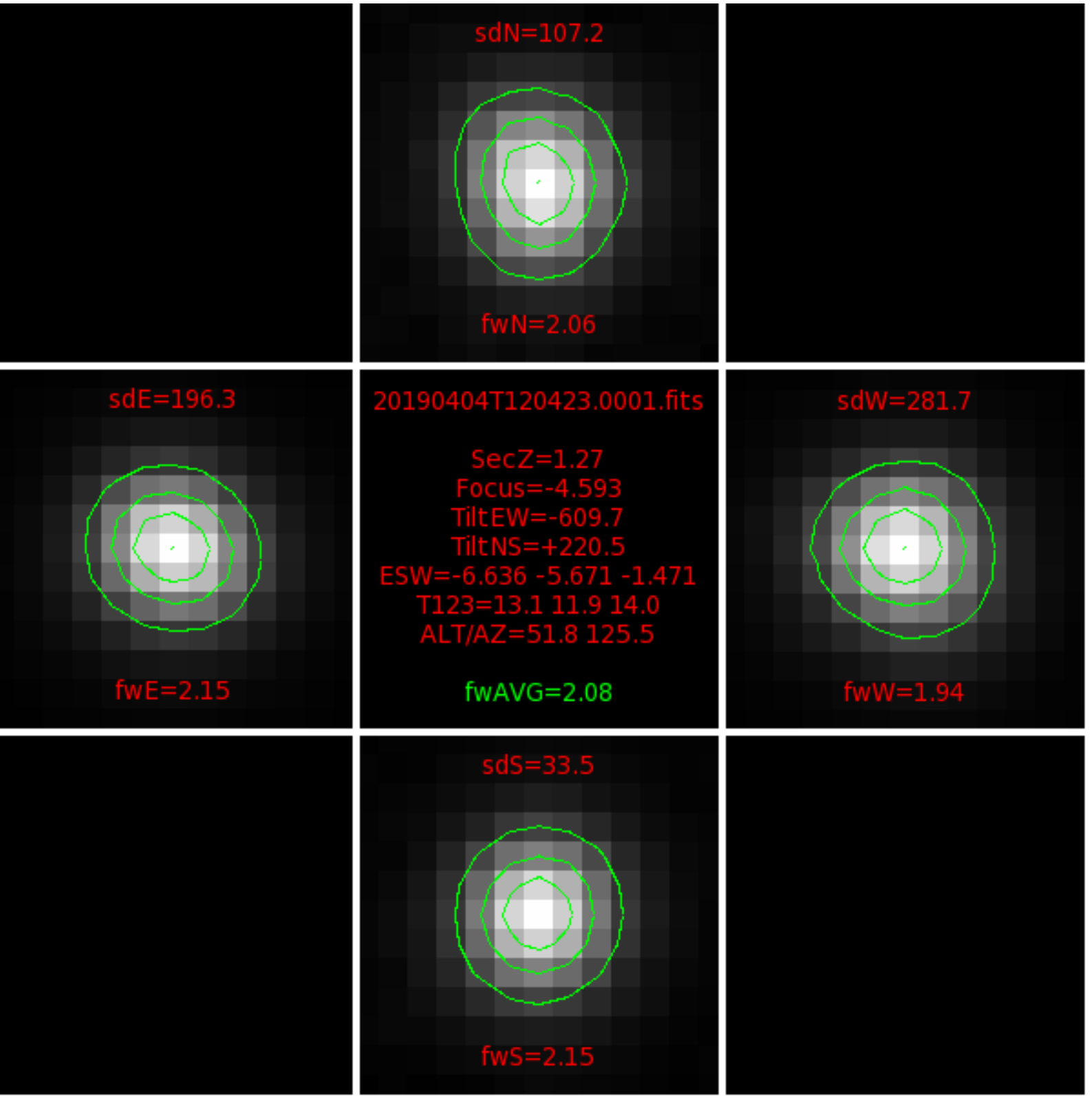

sdN=20.9
fwN=2.26
sdE=40.2
fwE=2.08
20190404T115644.0001.fits
SecZ=1.25
Focus=-4.593
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.636 -5.671 -1.471
T123=13.1 11.9 14.0
ALT/AZ=53.1 125.1
fwAVG=2.14
sdW=879.6
fwW=2.01
sdS=45.2
fwS=2.22
0 0 0 0 0 0 0 0 0

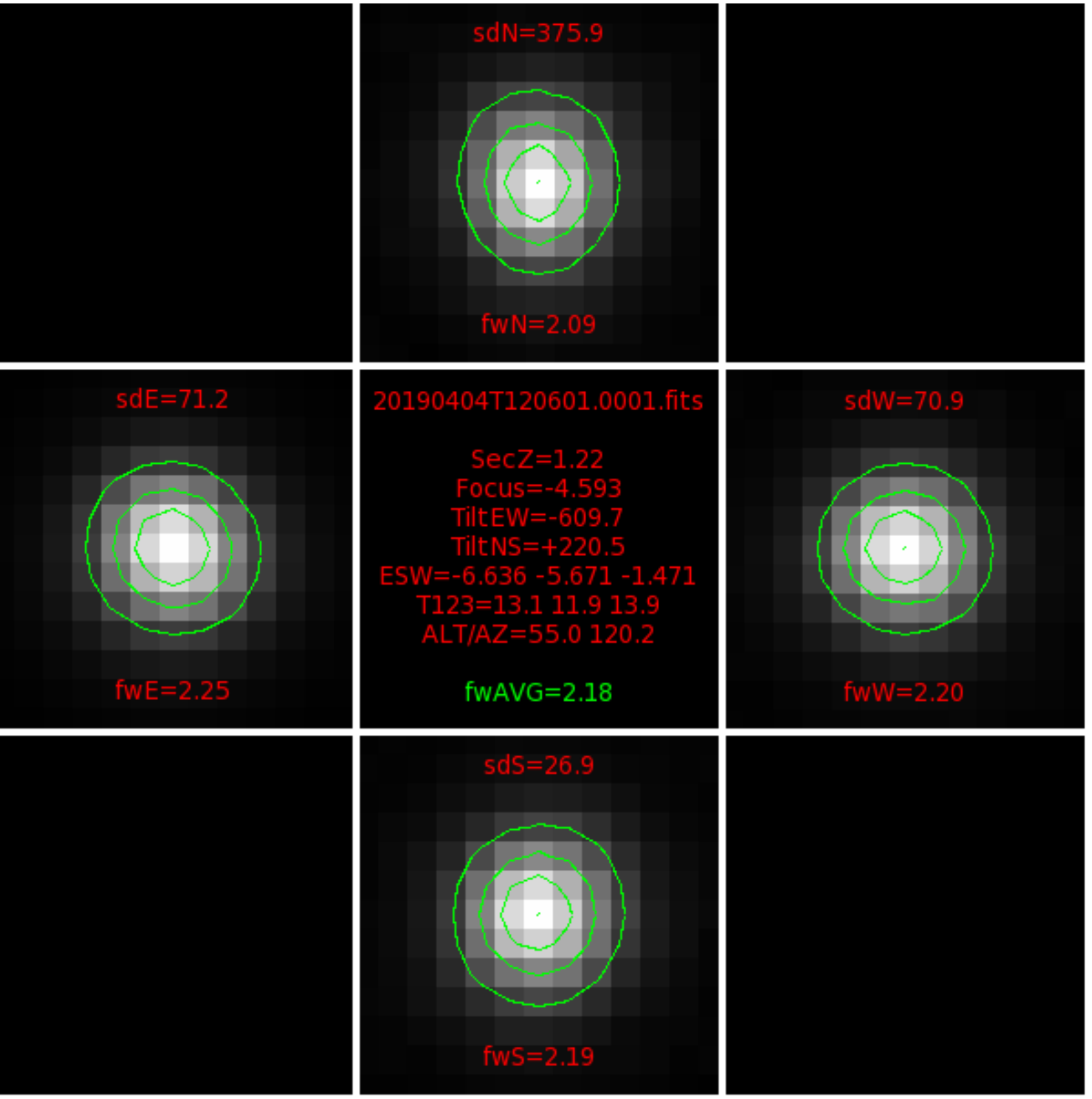

sdN=177.6
fwN=2.24
sdE=159.2
fwE=2.16
20190404T115815.0001.fits
SecZ=1.20
Focus=-4.593
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.636 -5.671 -1.471
T123=13.1 11.9 14.0
ALT/AZ=56.2 119.6
fwAVG=2.20
sdW=261.7
fwW=2.20
sdS=181.0
fwS=2.20
0 0 0 0 0 0 0 0 0

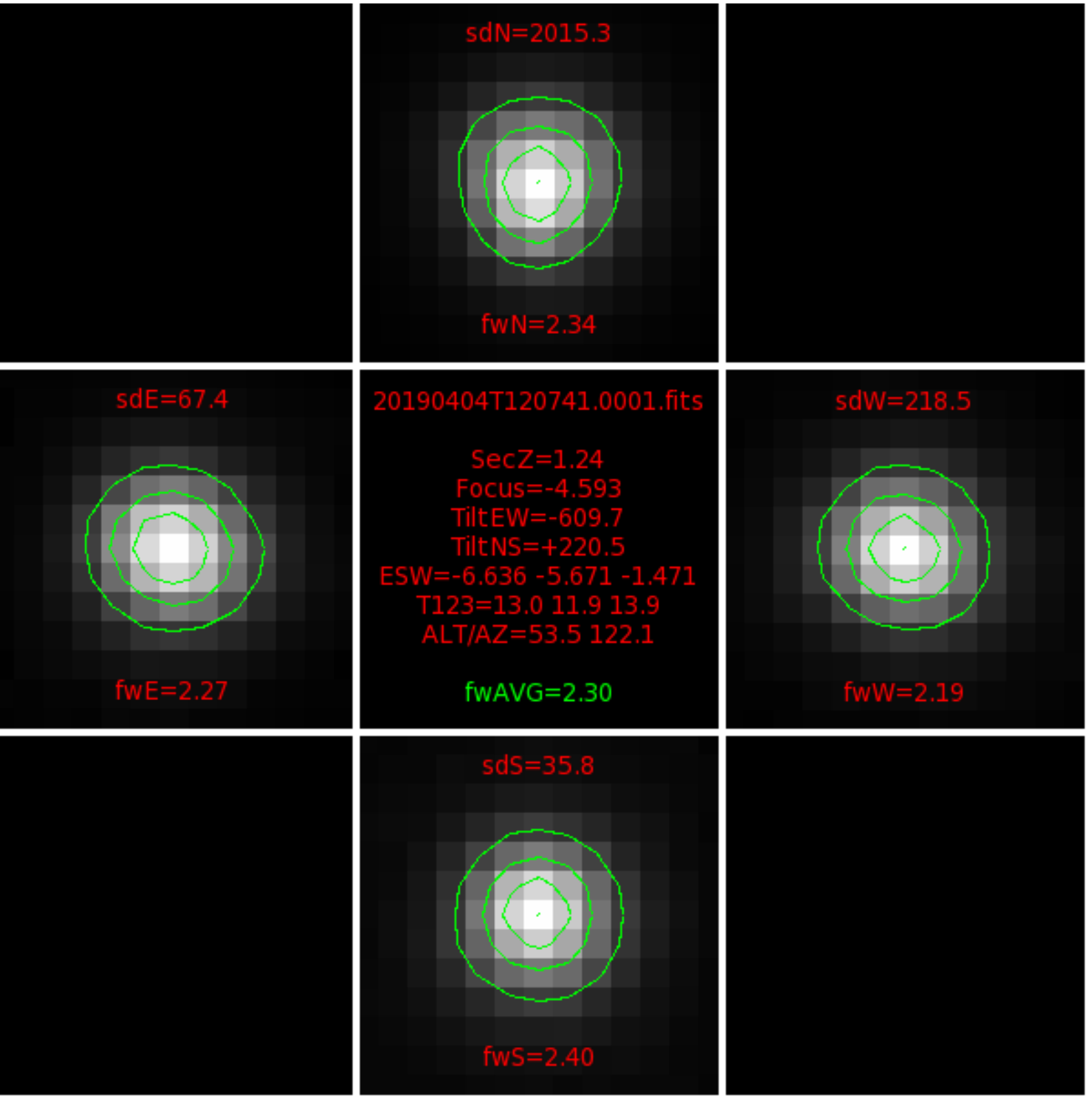

sdN=939.7
fwN=2.22
sdE=72.1
fwE=2.27
20190404T115959.0001.fits
SecZ=1.27
Focus=-4.593
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.636 -5.671 -1.471
T123=13.1 11.9 14.0
ALT/AZ=51.8 127.2
fwAVG=2.25
sdW=34.8
fwW=2.18
sdS=32.7
fwS=2.33
0 0 0 0 0 0 0 0 0

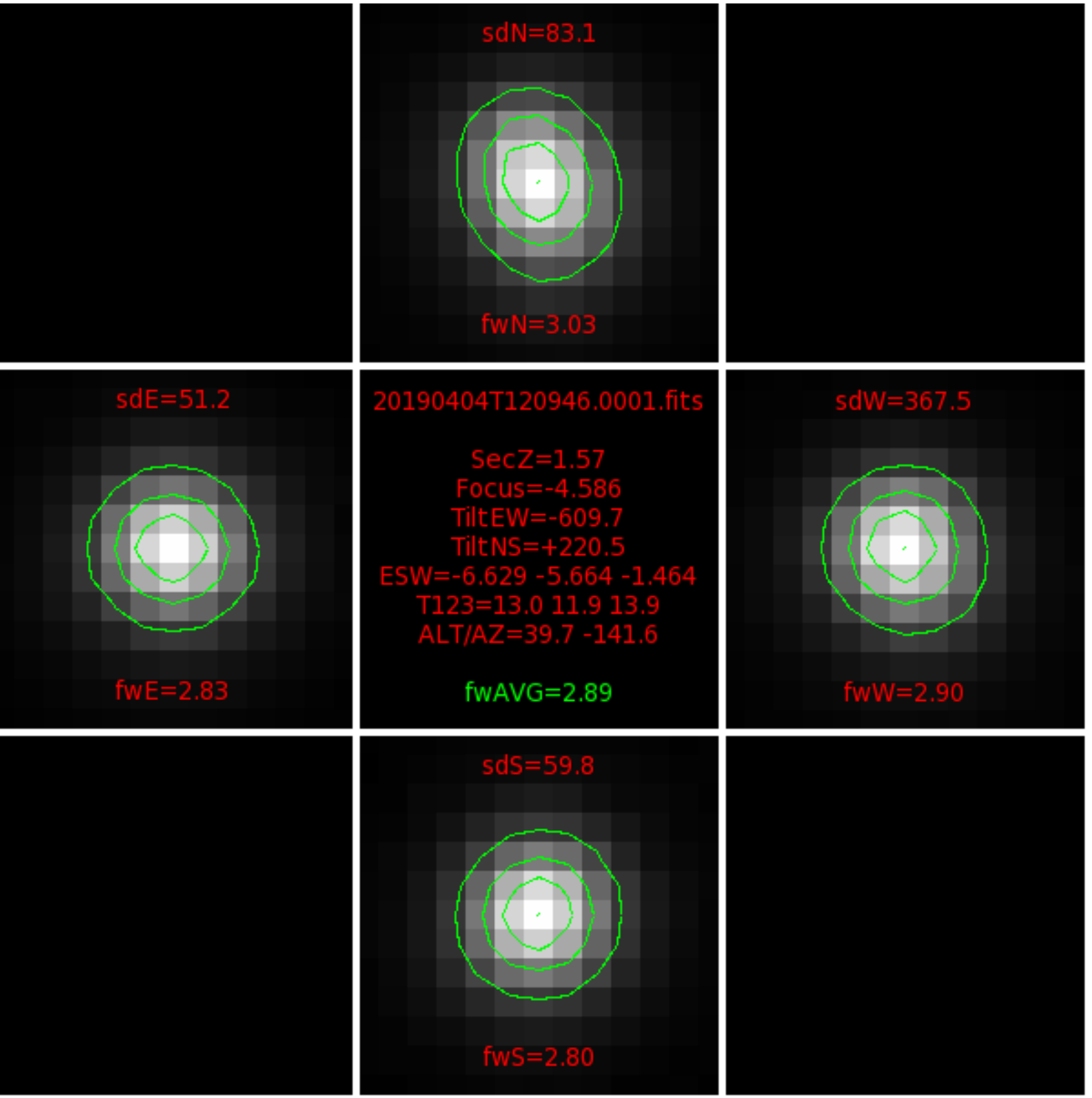

sdN=49.4
fwN=2.46
sdE=27.2
fwE=2.39
20190404T120125.0001.fits
SecZ=1.22
Focus=-4.593
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.636 -5.671 -1.471
T123=13.1 11.9 14.0
ALT/AZ=55.0 122.0
fwAVG=2.42
sdW=14.1
fwW=2.37
sdS=38.8
fwS=2.45
0 0 0 0 0 0 0 0 0

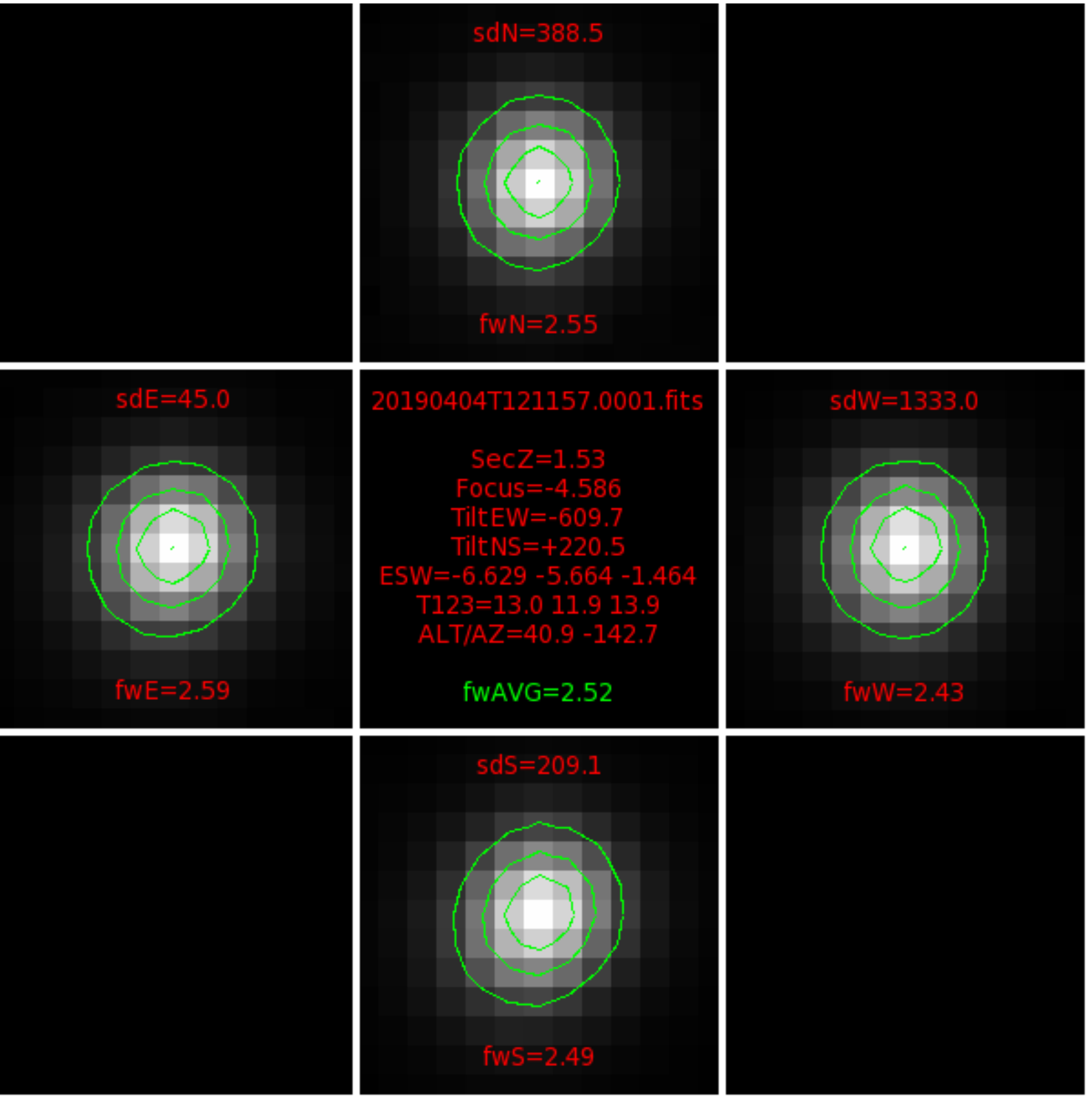

sdN=40.7
fwN=2.87
sdE=62.3
fwE=1.93
20190404T120253.0001.fits
SecZ=1.25
Focus=-4.593
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.636 -5.671 -1.471
T123=13.1 11.9 14.0
ALT/AZ=53.4 123.8
fwAVG=2.62
sdW=551.3
fwW=2.82
sdS=397.2
fwS=2.88
0 0 0 0 0 0 0 0 0

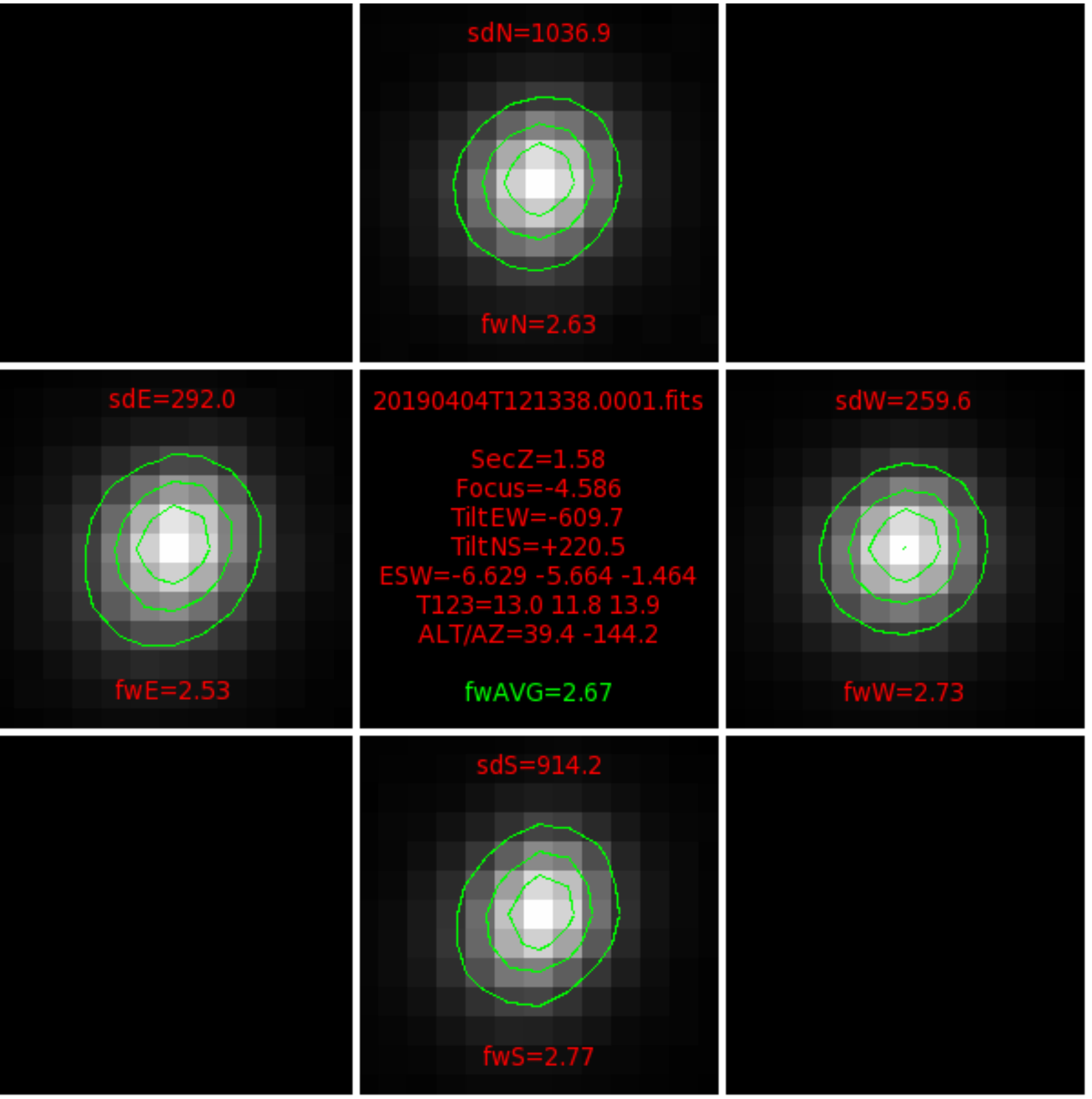

sdN=107.2
fwN=2.06
sdE=196.3
fwE=2.15
20190404T120423.0001.fits
SecZ=1.27
Focus=-4.593
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.636 -5.671 -1.471
T123=13.1 11.9 14.0
ALT/AZ=51.8 125.5
fwAVG=2.08
sdW=281.7
fwW=1.94
sdS=33.5
fwS=2.15
0 0 0 0 0 0 0 0 0

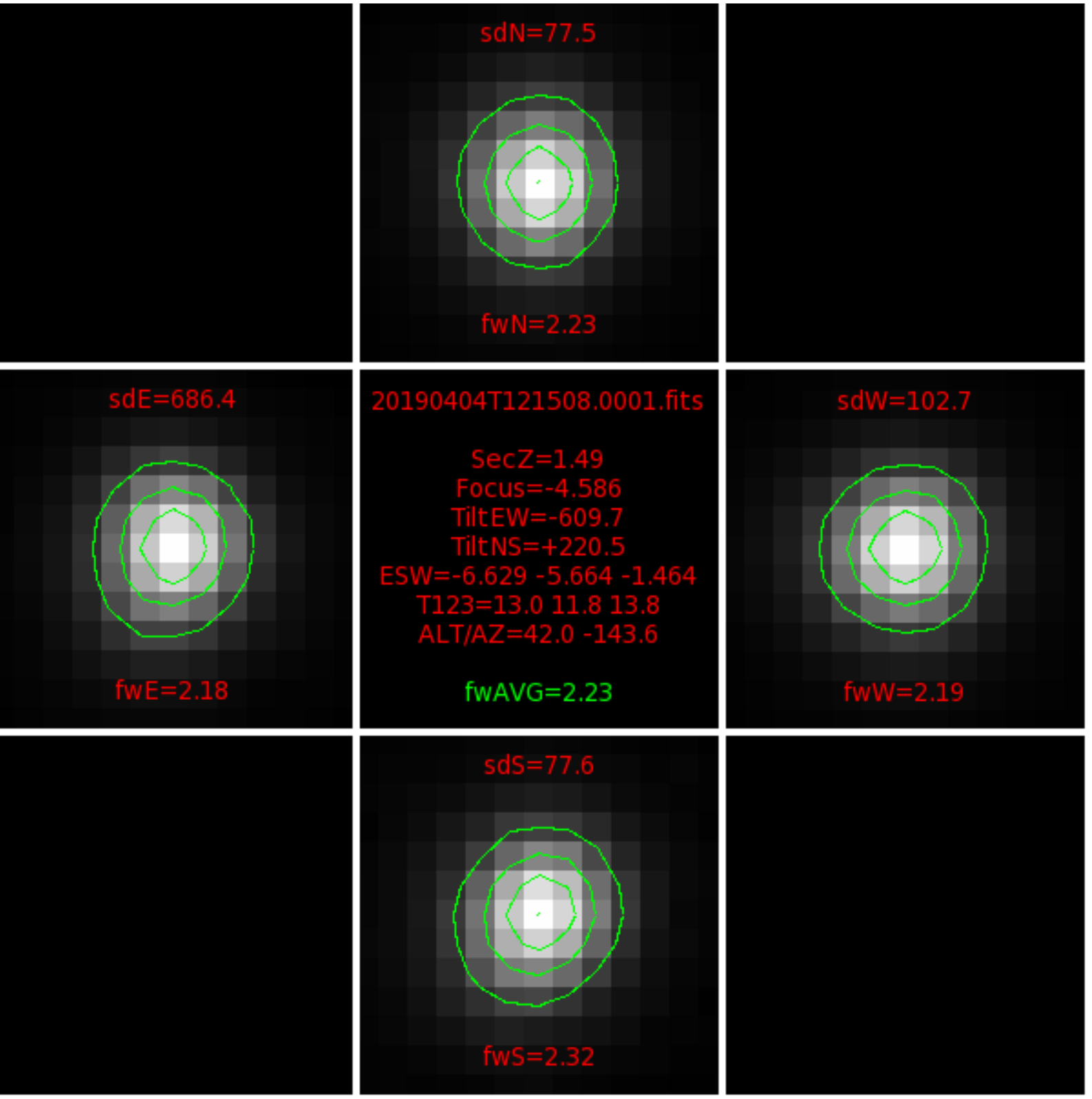

sdN=375.9
fwN=2.09
sdE=71.2
fwE=2.25
20190404T120601.0001.fits
SecZ=1.22
Focus=-4.593
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.636 -5.671 -1.471
T123=13.1 11.9 13.9
ALT/AZ=55.0 120.2
fwAVG=2.18
sdW=70.9
fwW=2.20
sdS=26.9
fwS=2.19
0 0 0 0 0 0 0 0 0

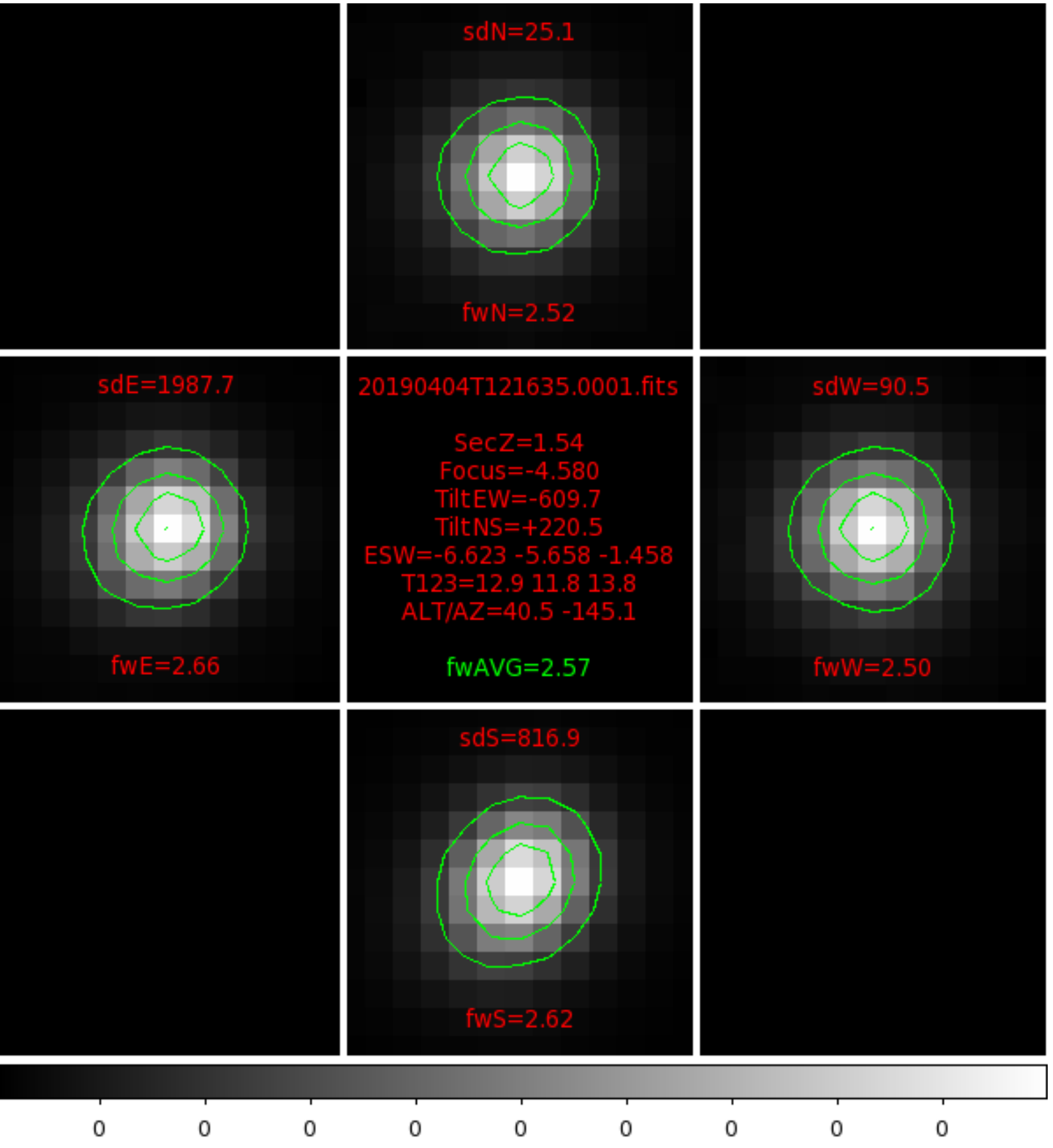

sdN=2015.3
fwN=2.34
sdE=67.4
fwE=2.27
20190404T120741.0001.fits
SecZ=1.24
Focus=-4.593
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.636 -5.671 -1.471
T123=13.0 11.9 13.9
ALT/AZ=53.5 122.1
fwAVG=2.30
sdW=218.5
fwW=2.19
sdS=35.8
fwS=2.40
0 0 0 0 0 0 0 0 0

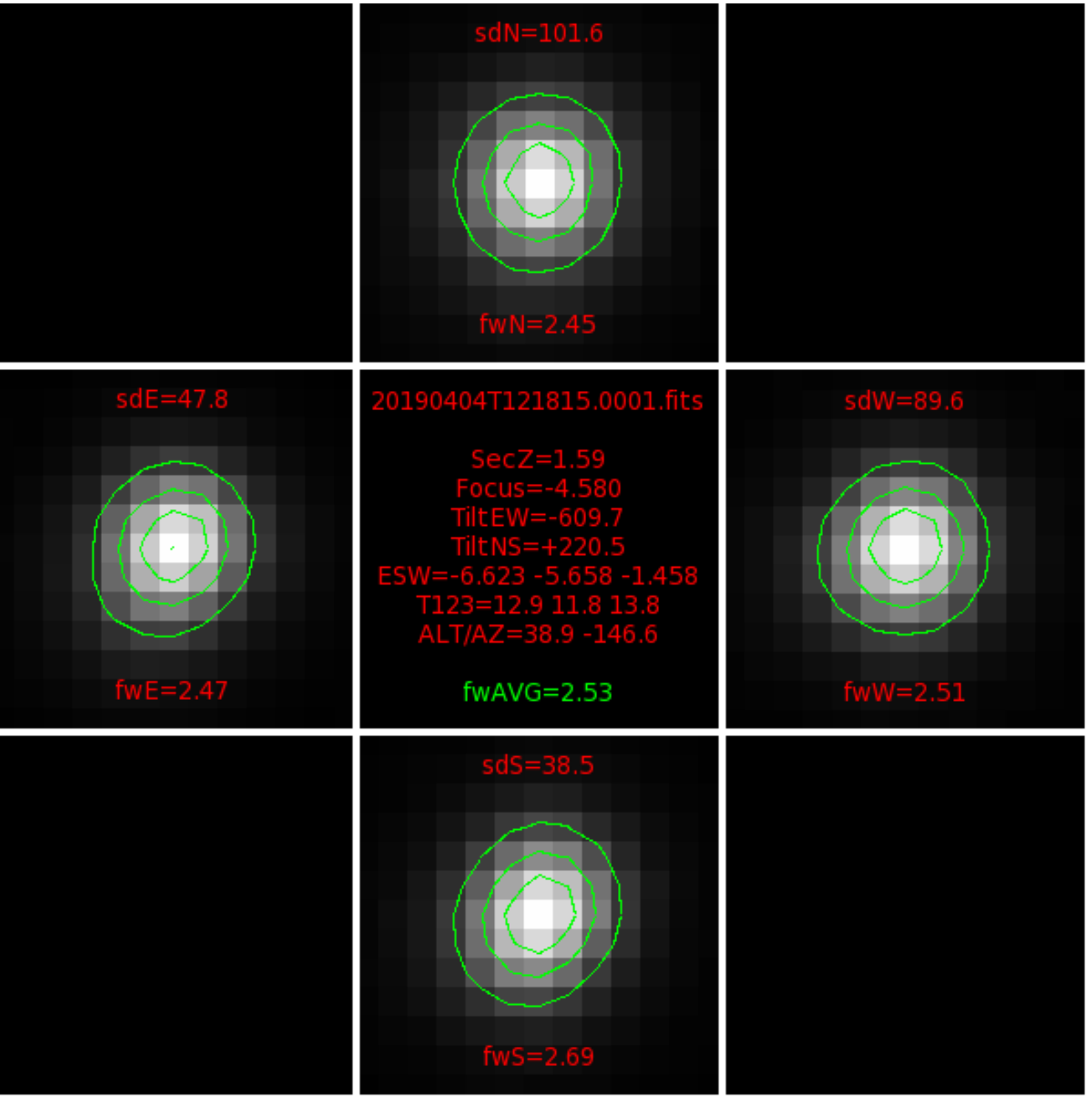

sdN=83.1
fwN=3.03
sdE=51.2
fwE=2.83
20190404T120946.0001.fits
SecZ=1.57
Focus=-4.586
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.629 -5.664 -1.464
T123=13.0 11.9 13.9
ALT/AZ=39.7 -141.6
fwAVG=2.89
sdW=367.5
fwW=2.90
sdS=59.8
fwS=2.80
0 0 0 0 0 0 0 0 0

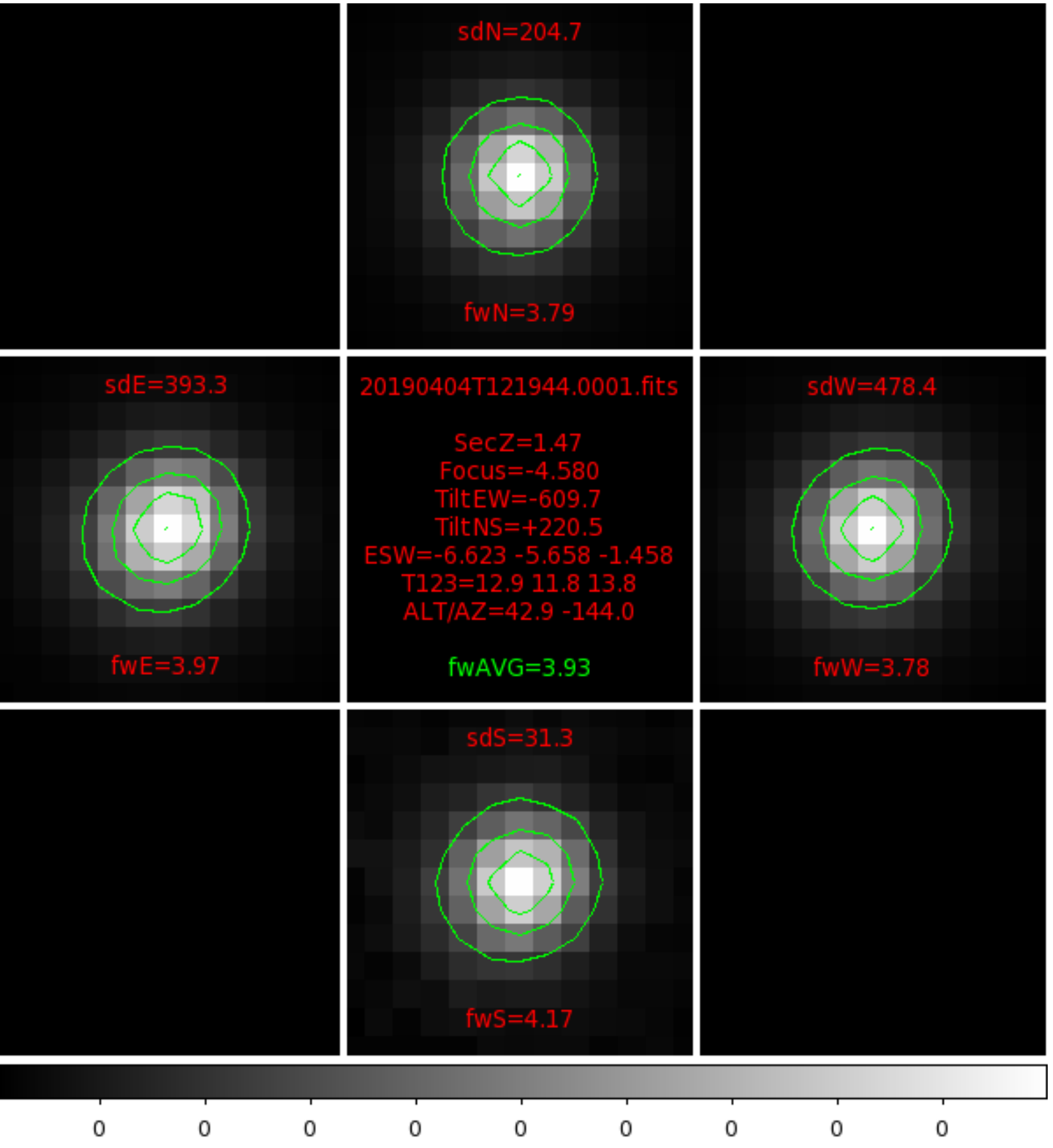

sdN=388.5
fwN=2.55
sdE=45.0
fwE=2.59
20190404T121157.0001.fits
SecZ=1.53
Focus=-4.586
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.629 -5.664 -1.464
T123=13.0 11.9 13.9
ALT/AZ=40.9 -142.7
fwAVG=2.52
sdW=1333.0
fwW=2.43
sdS=209.1
fwS=2.49
0 0 0 0 0 0 0 0 0

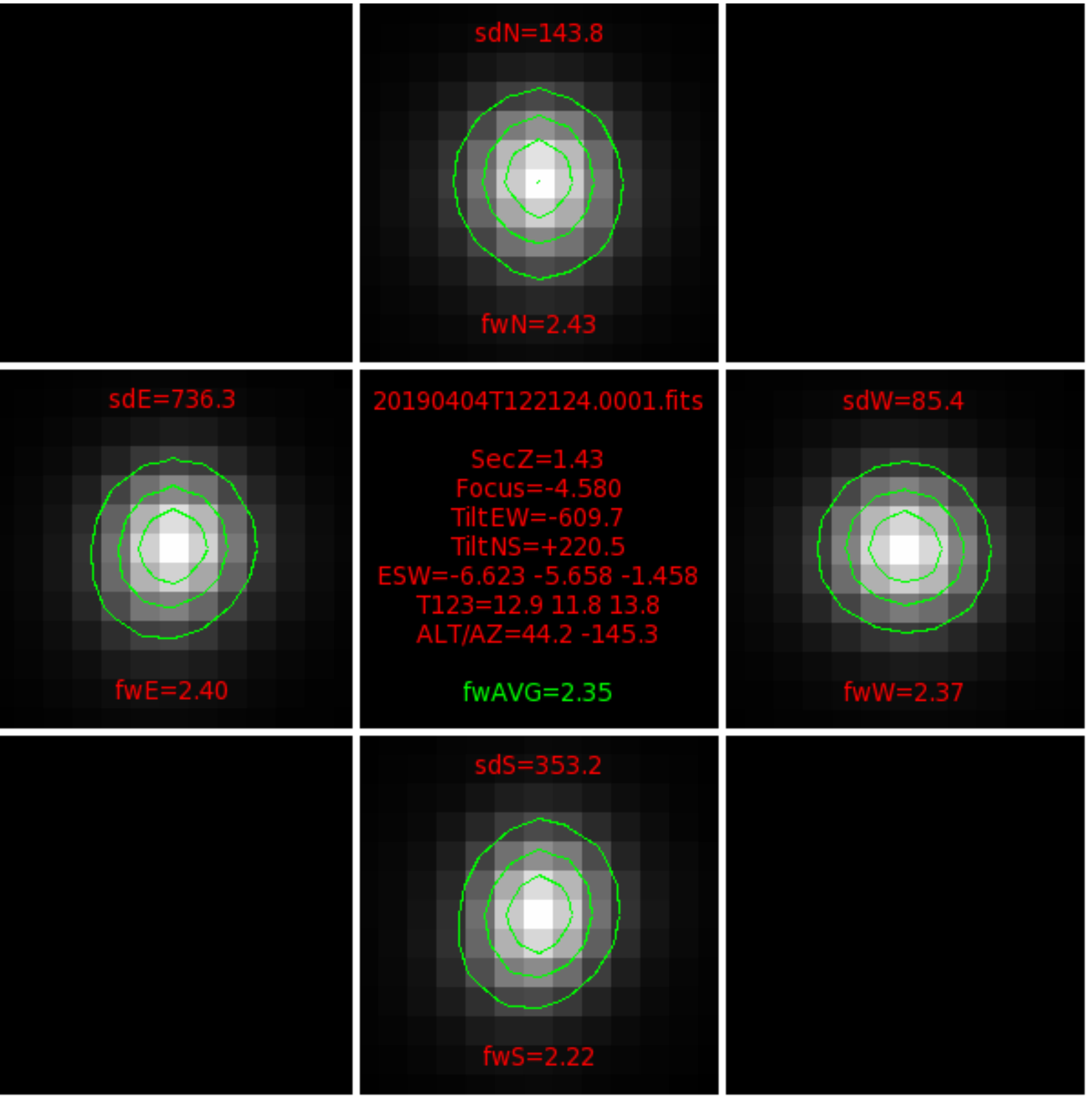

sdN=1036.9
fwN=2.63
sdE=292.0
fwE=2.53
20190404T121338.0001.fits
SecZ=1.58
Focus=-4.586
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.629 -5.664 -1.464
T123=13.0 11.8 13.9
ALT/AZ=39.4 -144.2
fwAVG=2.67
sdW=259.6
fwW=2.73
sdS=914.2
fwS=2.77
0 0 0 0 0 0 0 0 0

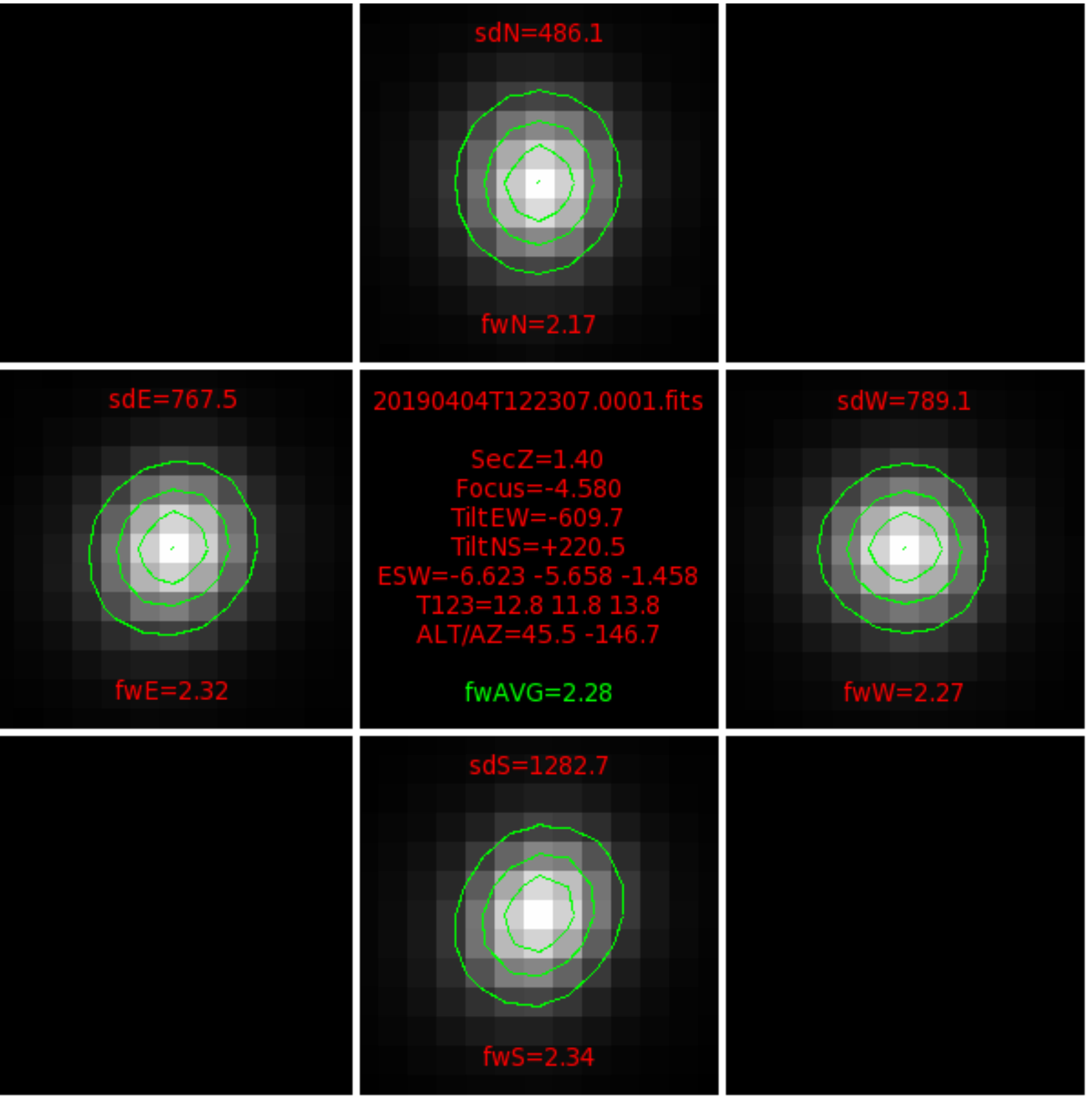

sdN=77.5
fwN=2.23
sdE=686.4
fwE=2.18
20190404T121508.0001.fits
SecZ=1.49
Focus=-4.586
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.629 -5.664 -1.464
T123=13.0 11.8 13.8
ALT/AZ=42.0 -143.6
fwAVG=2.23
sdW=102.7
fwW=2.19
sdS=77.6
fwS=2.32
0 0 0 0 0 0 0 0 0

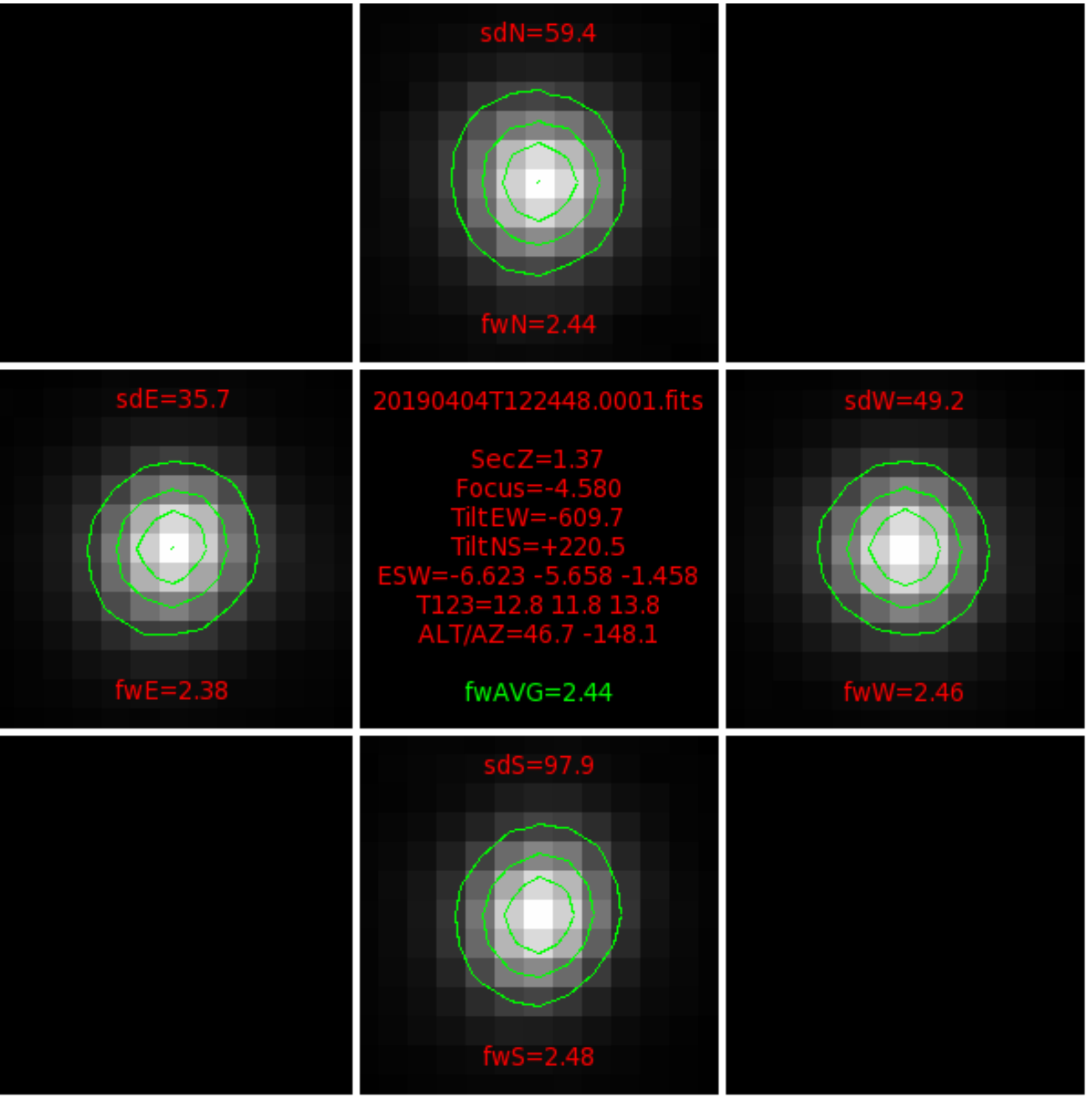

sdN=25.1
fwN=2.52
sdE=1987.7
fwE=2.66
20190404T121635.0001.fits
SecZ=1.54
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.9 11.8 13.8
ALT/AZ=40.5 -145.1
fwAVG=2.57
sdW=90.5
fwW=2.50
sdS=816.9
fwS=2.62
0 0 0 0 0 0 0 0 0

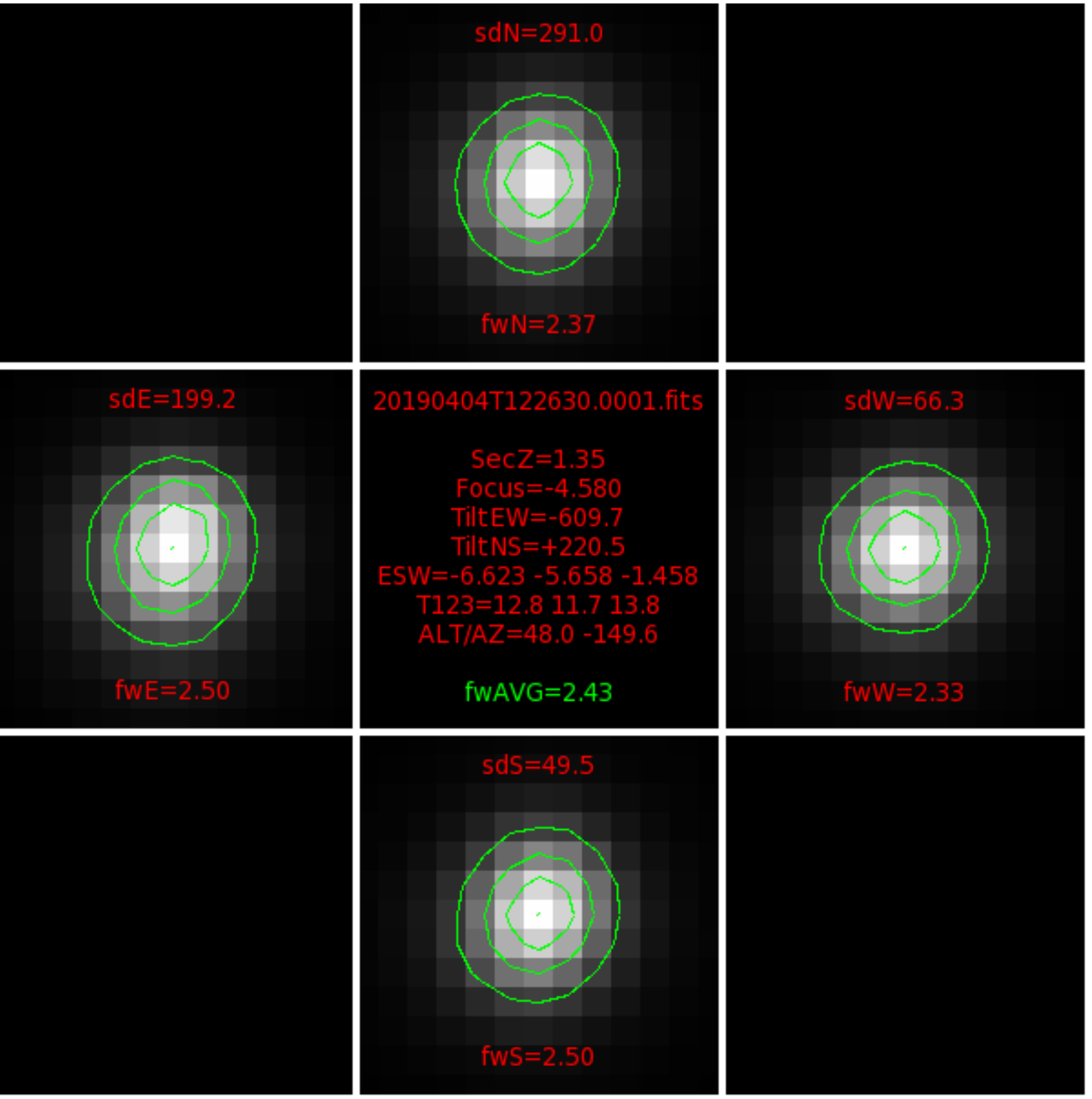

sdN=101.6
fwN=2.45
sdE=47.8
fwE=2.47
20190404T121815.0001.fits
SecZ=1.59
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.9 11.8 13.8
ALT/AZ=38.9 -146.6
fwAVG=2.53
sdW=89.6
fwW=2.51
sdS=38.5
fwS=2.69
0 0 0 0 0 0 0 0 0

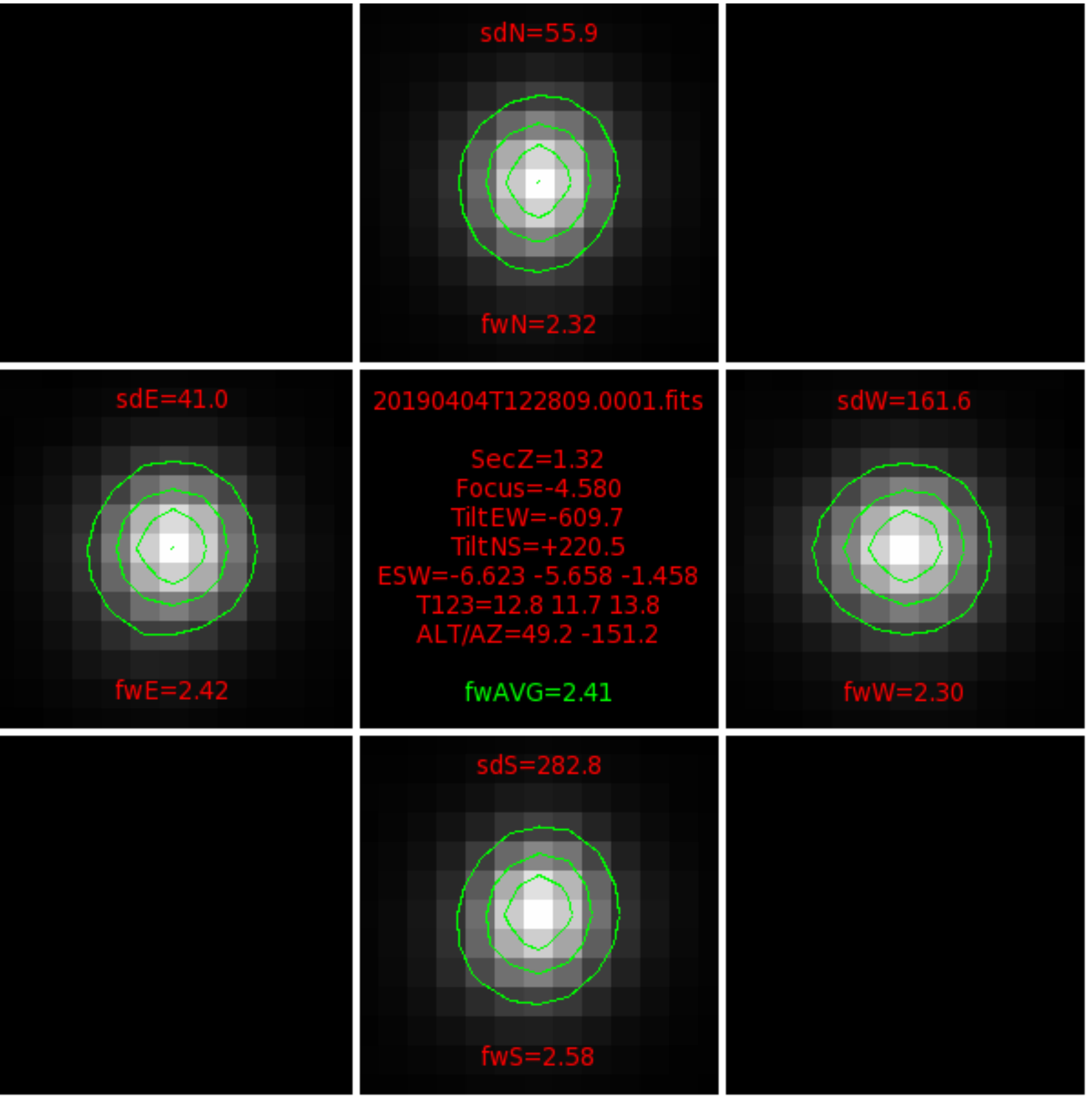

sdN=204.7
fwN=3.79
sdE=393.3
fwE=3.97
20190404T121944.0001.fits
SecZ=1.47
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.9 11.8 13.8
ALT/AZ=42.9 -144.0
fwAVG=3.93
sdW=478.4
fwW=3.78
sdS=31.3
fwS=4.17
0 0 0 0 0 0 0 0 0

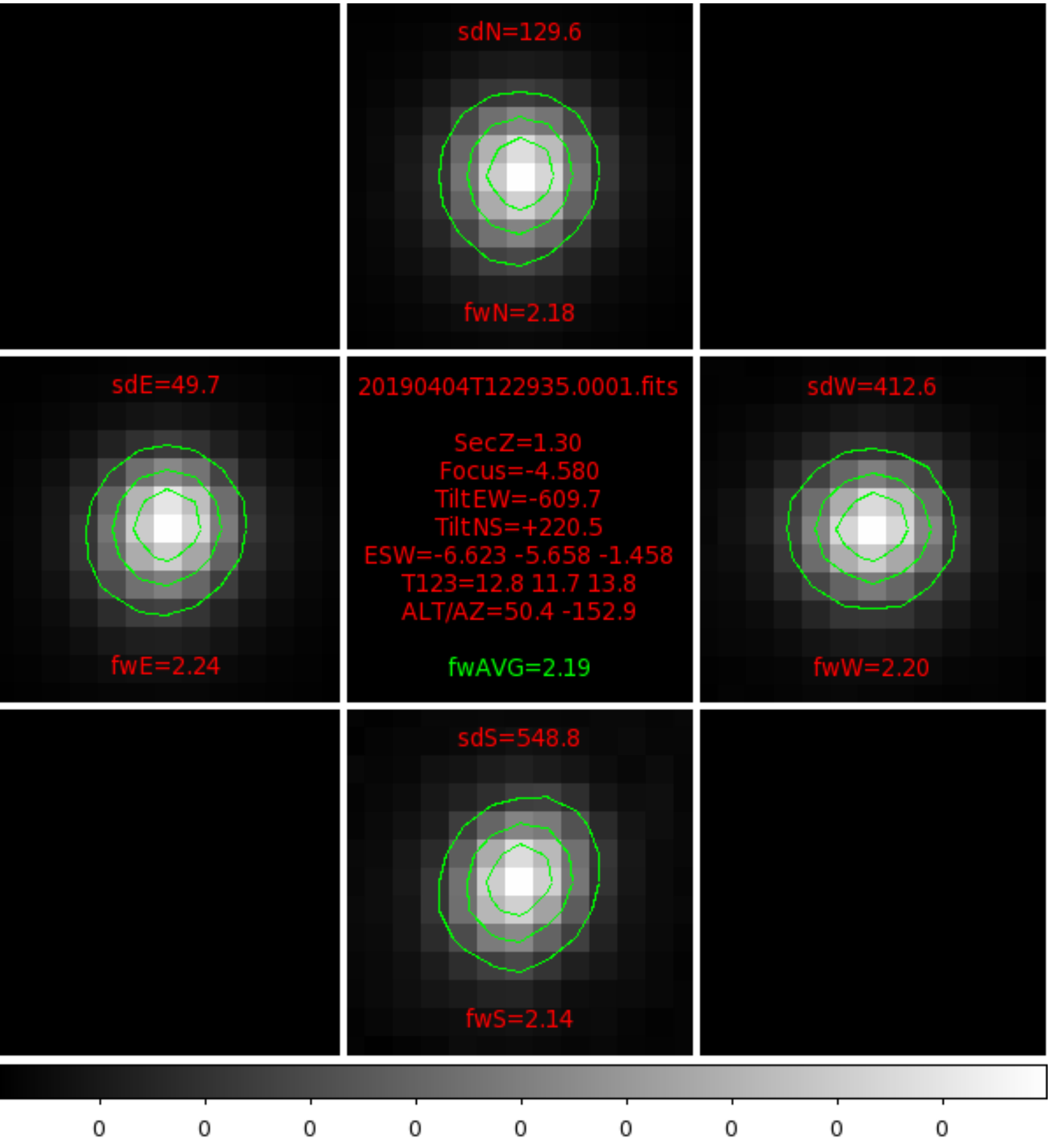

sdN=143.8
fwN=2.43
sdE=736.3
fwE=2.40
20190404T122124.0001.fits
SecZ=1.43
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.9 11.8 13.8
ALT/AZ=44.2 -145.3
fwAVG=2.35
sdW=85.4
fwW=2.37
sdS=353.2
fwS=2.22
0 0 0 0 0 0 0 0 0

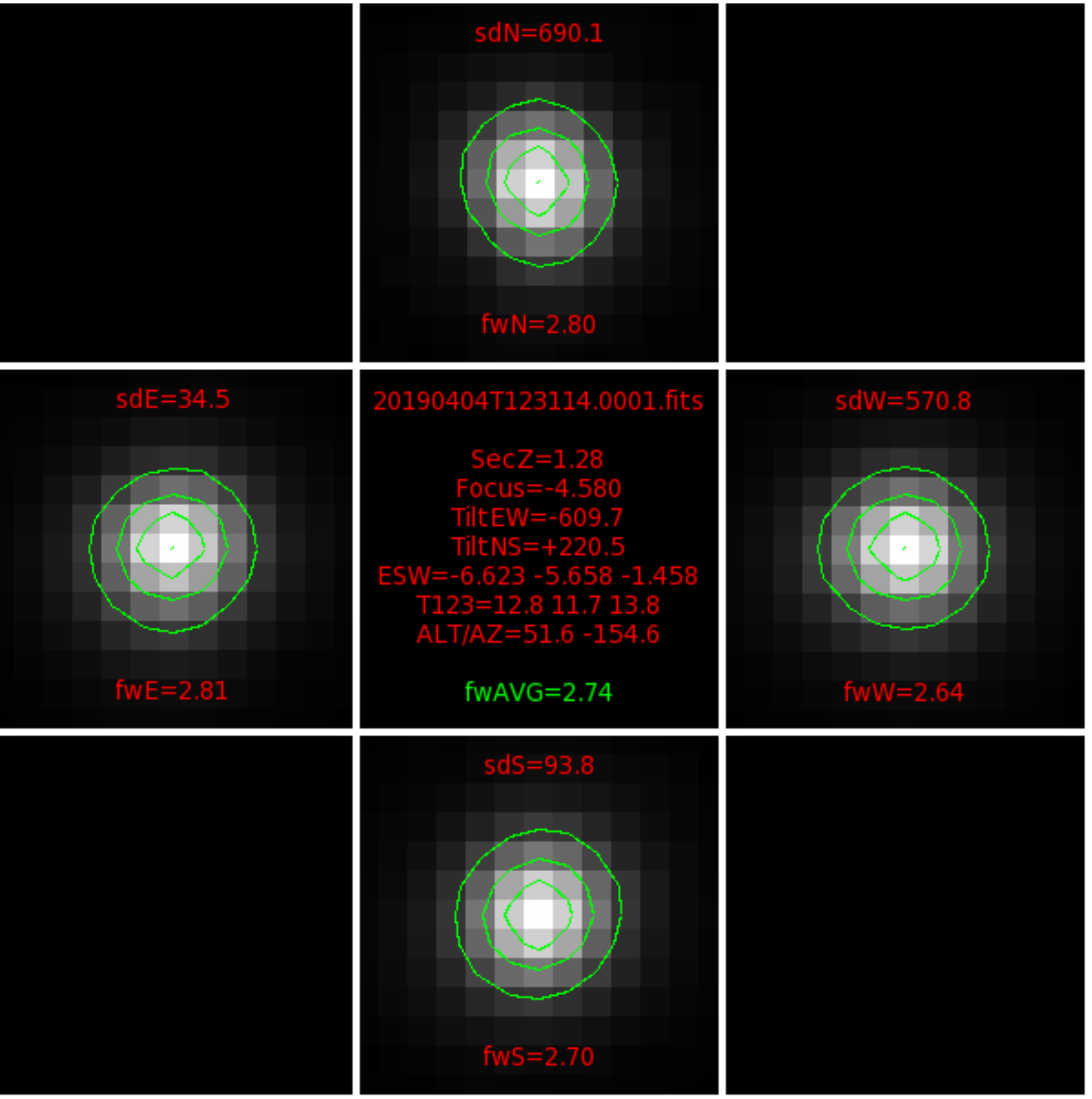

sdN=486.1
fwN=2.17
sdE=767.5
fwE=2.32
20190404T122307.0001.fits
SecZ=1.40
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.8 11.8 13.8
ALT/AZ=45.5 -146.7
fwAVG=2.28
sdW=789.1
fwW=2.27
sdS=1282.7
fwS=2.34
0 0 0 0 0 0 0 0 0

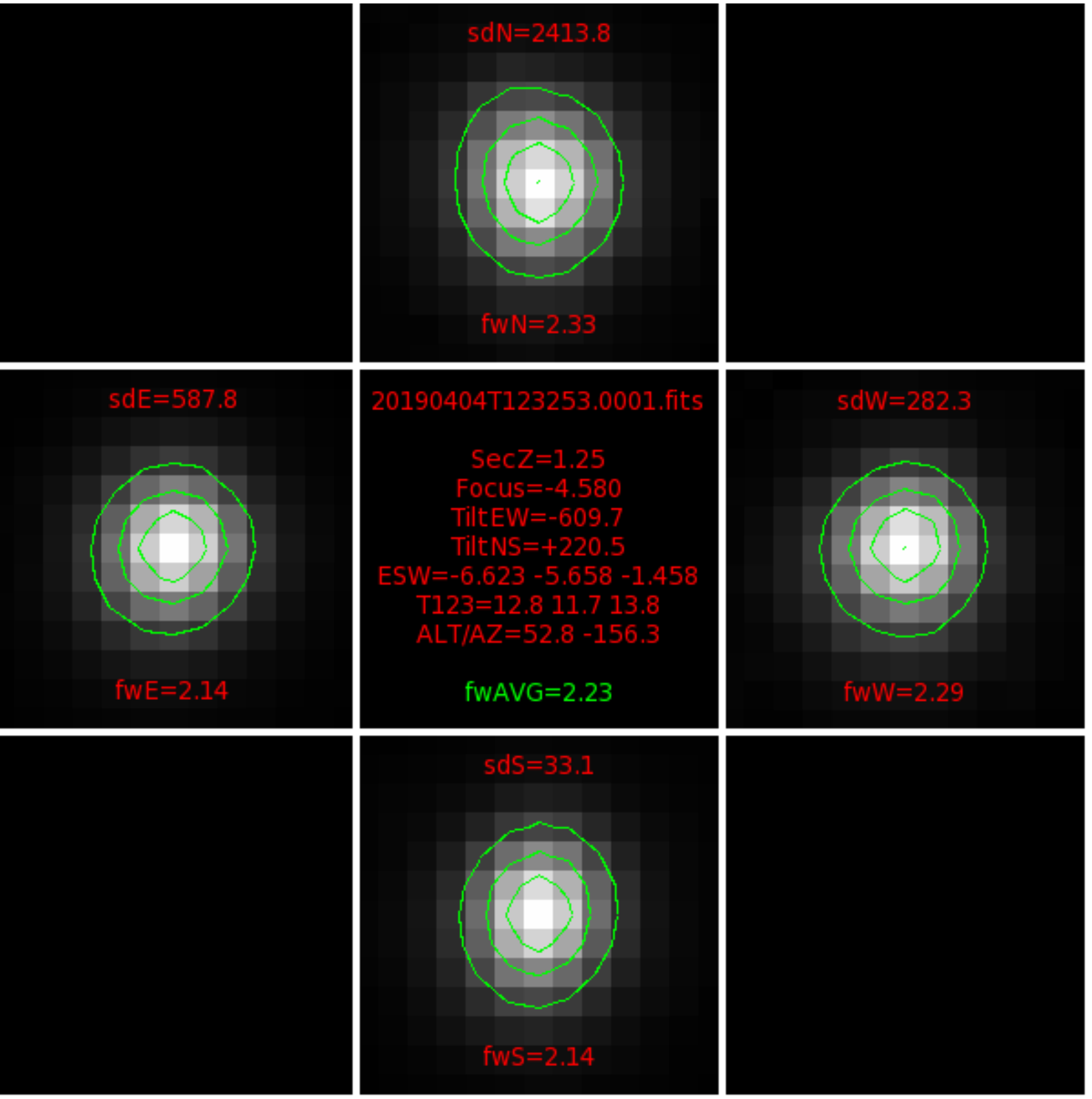

sdN=59.4
fwN=2.44
sdE=35.7
fwE=2.38
20190404T122448.0001.fits
SecZ=1.37
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.8 11.8 13.8
ALT/AZ=46.7 -148.1
fwAVG=2.44
sdW=49.2
fwW=2.46
sdS=97.9
fwS=2.48
0 0 0 0 0 0 0 0 0

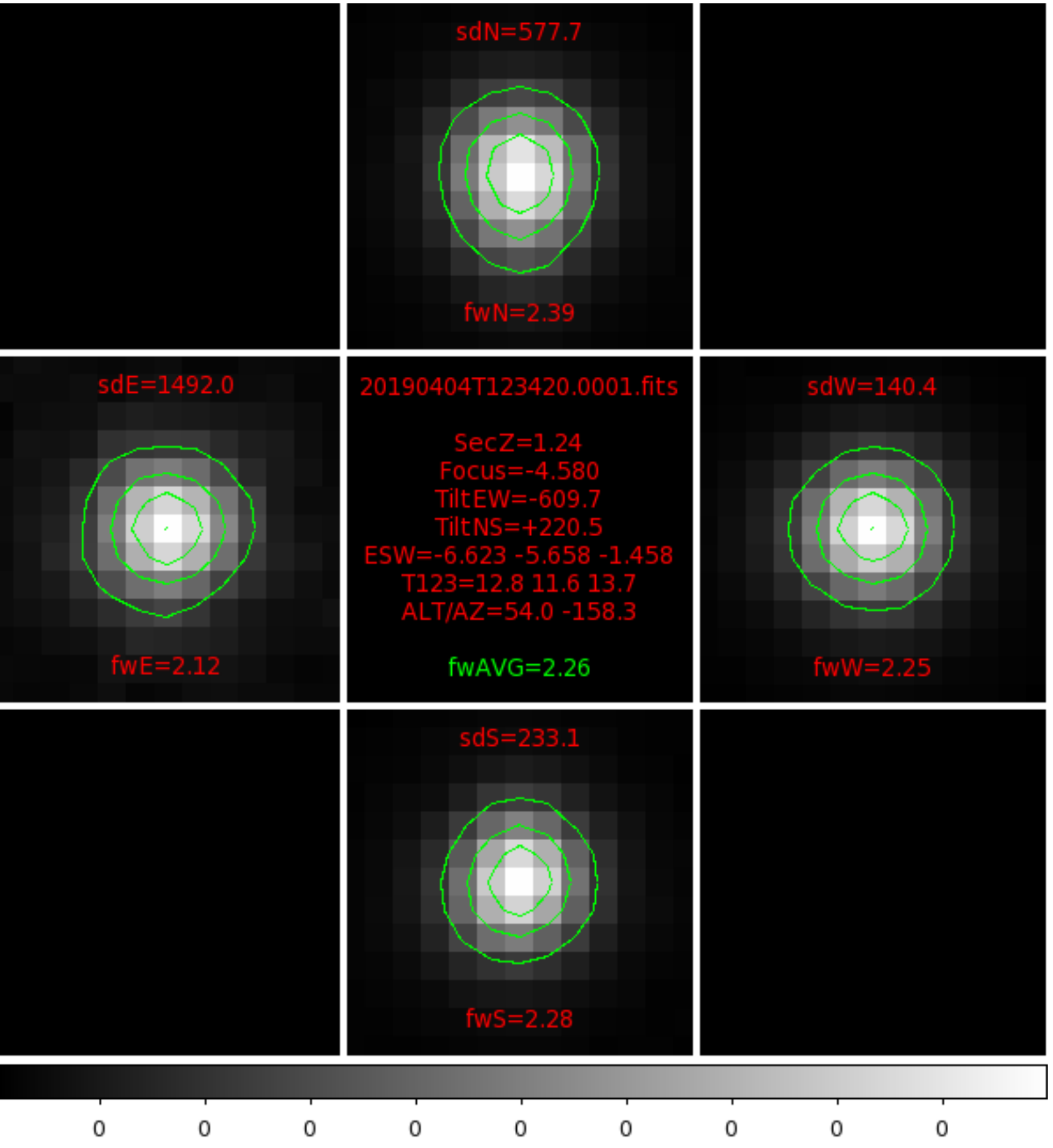

sdN=291.0
fwN=2.37
sdE=199.2
fwE=2.50
20190404T122630.0001.fits
SecZ=1.35
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.8 11.7 13.8
ALT/AZ=48.0 -149.6
fwAVG=2.43
sdW=66.3
fwW=2.33
sdS=49.5
fwS=2.50
0 0 0 0 0 0 0 0 0

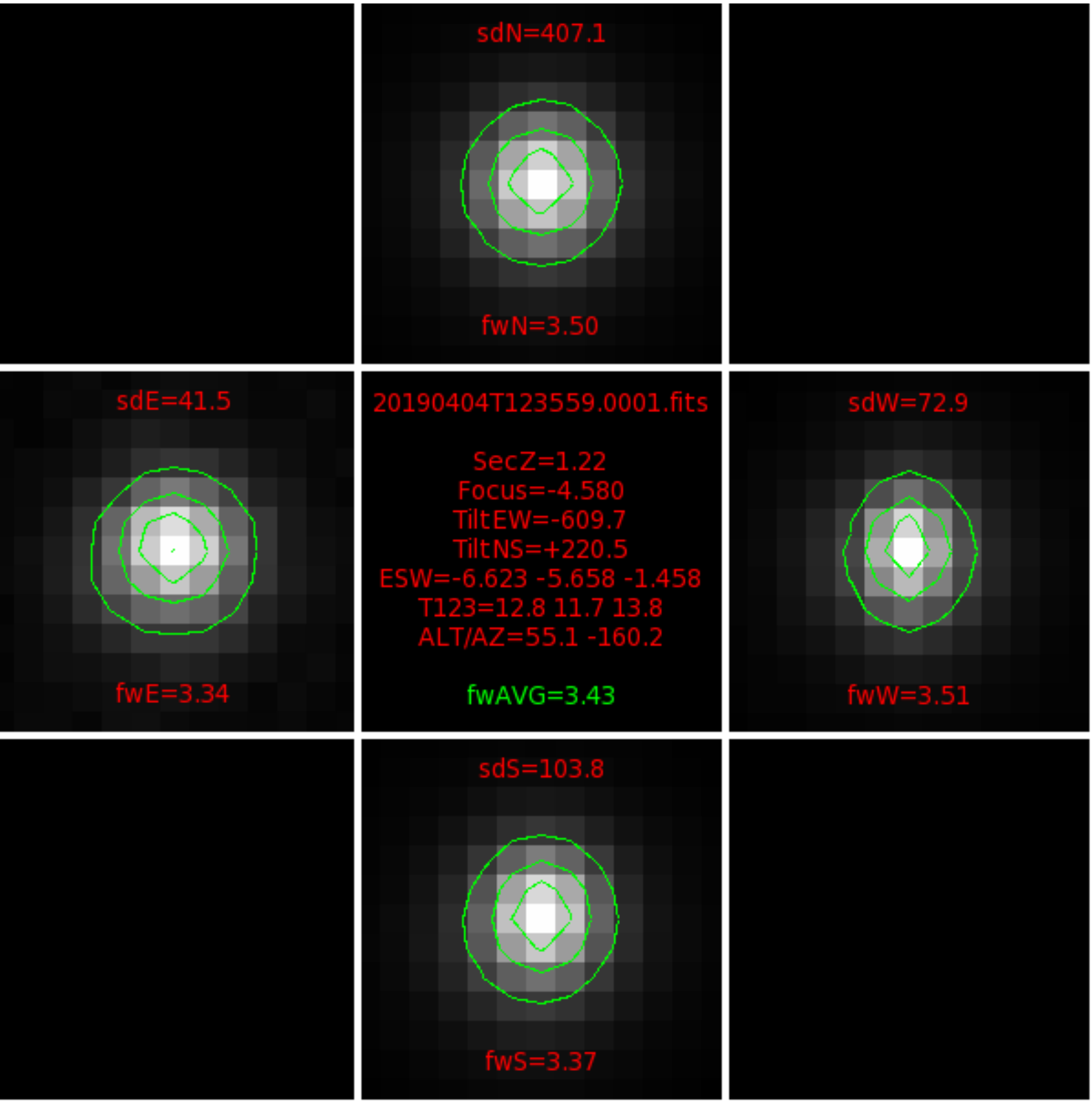

sdN=55.9
fwN=2.32
sdE=41.0
fwE=2.42
20190404T122809.0001.fits
SecZ=1.32
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.8 11.7 13.8
ALT/AZ=49.2 -151.2
fwAVG=2.41
sdW=161.6
fwW=2.30
sdS=282.8
fwS=2.58
0 0 0 0 0 0 0 0 0

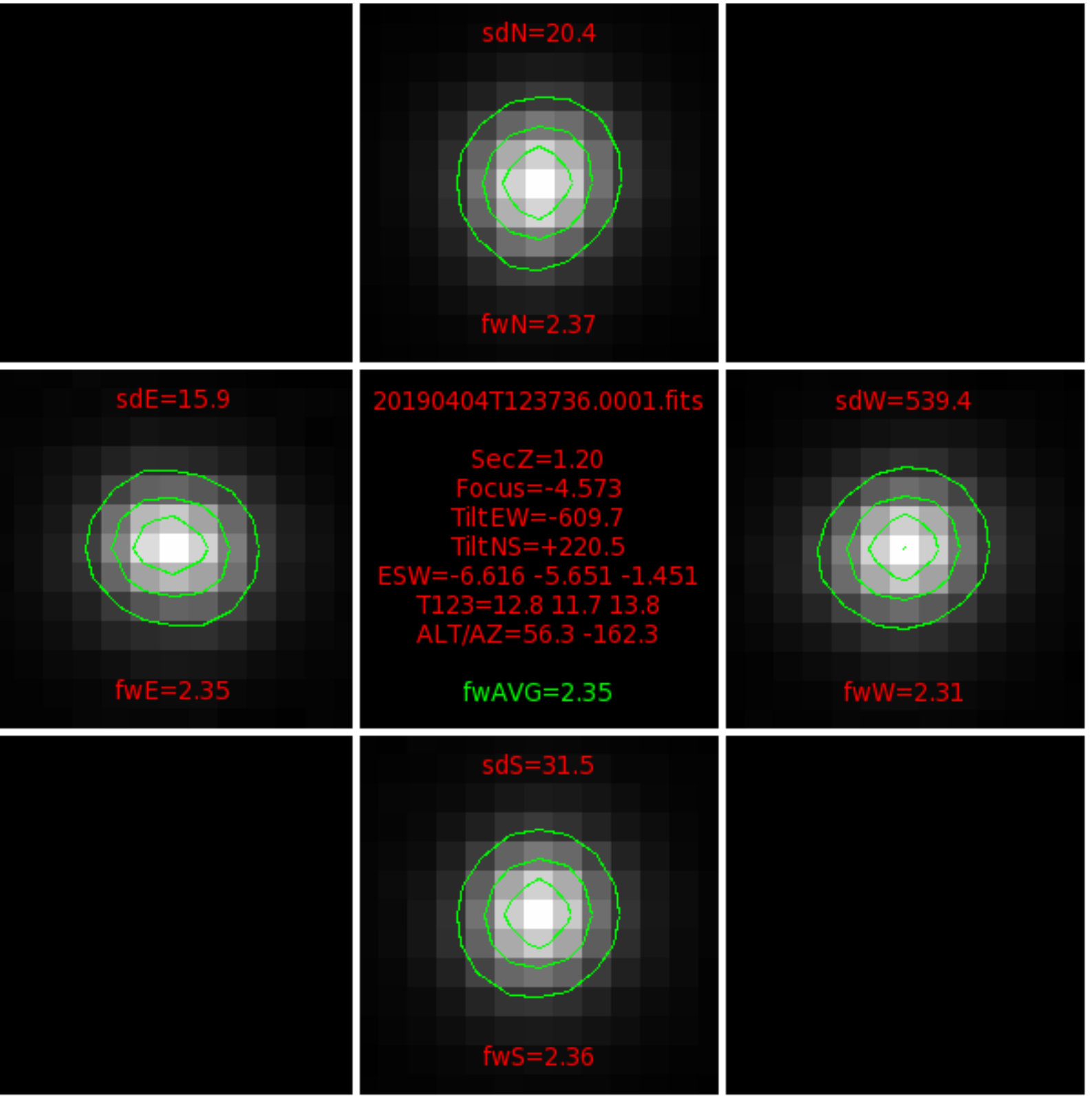

sdN=129.6
fwN=2.18
sdE=49.7
fwE=2.24
20190404T122935.0001.fits
SecZ=1.30
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.8 11.7 13.8
ALT/AZ=50.4 -152.9
fwAVG=2.19
sdW=412.6
fwW=2.20
sdS=548.8
fwS=2.14
0 0 0 0 0 0 0 0 0

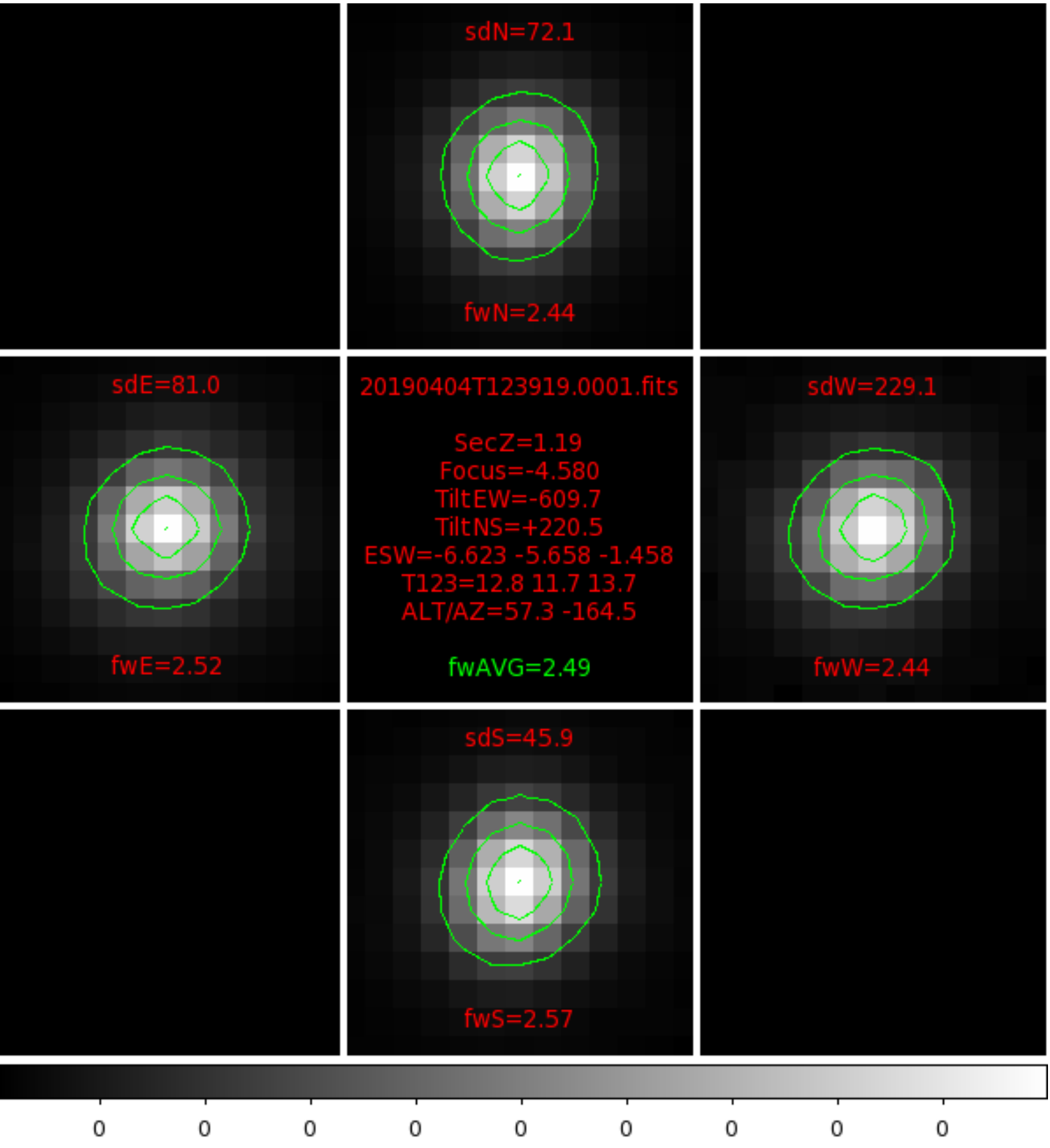

sdN=690.1
fwN=2.80
sdE=34.5
fwE=2.81
20190404T123114.0001.fits
SecZ=1.28
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.8 11.7 13.8
ALT/AZ=51.6 -154.6
fwAVG=2.74
sdW=570.8
fwW=2.64
sdS=93.8
fwS=2.70
0 0 0 0 0 0 0 0 0

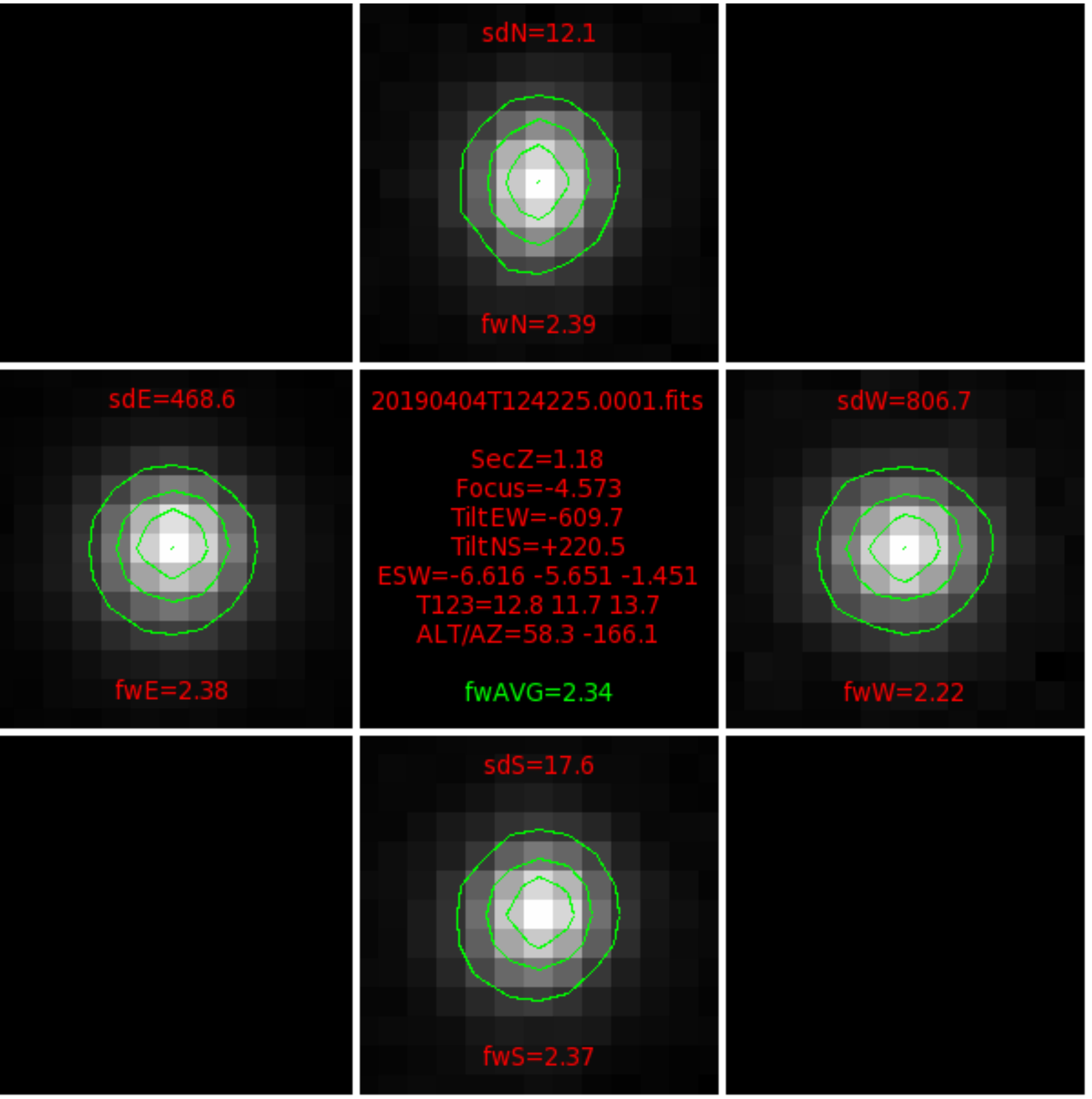

sdN=2413.8
fwN=2.33
sdE=587.8
fwE=2.14
20190404T123253.0001.fits
SecZ=1.25
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.8 11.7 13.8
ALT/AZ=52.8 -156.3
fwAVG=2.23
sdW=282.3
fwW=2.29
sdS=33.1
fwS=2.14
0 0 0 0 0 0 0 0 0

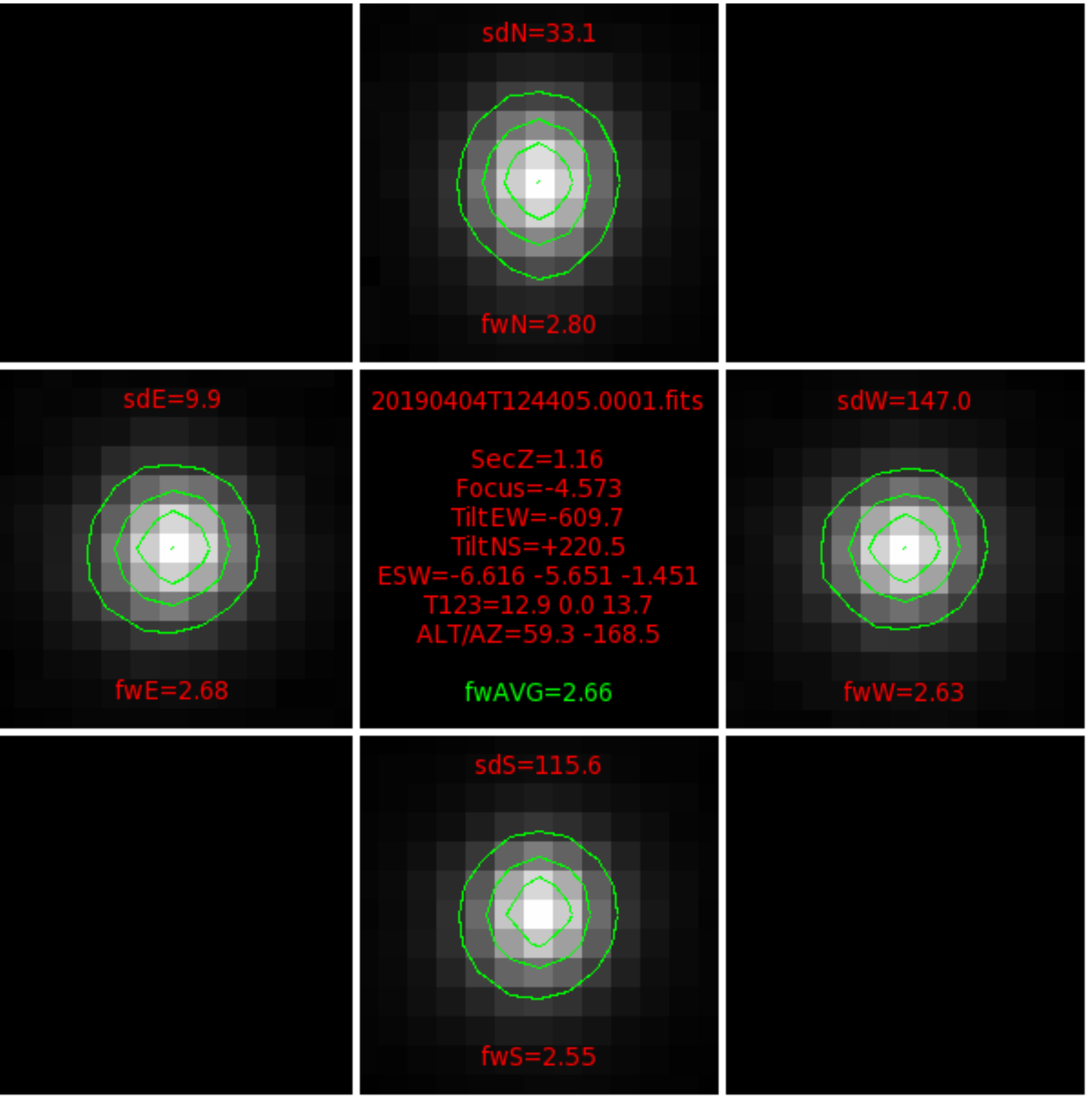

sdN=577.7
fwN=2.39
sdE=1492.0
fwE=2.12
20190404T123420.0001.fits
SecZ=1.24
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.8 11.6 13.7
ALT/AZ=54.0 -158.3
fwAVG=2.26
sdW=140.4
fwW=2.25
sdS=233.1
fwS=2.28
0 0 0 0 0 0 0 0 0

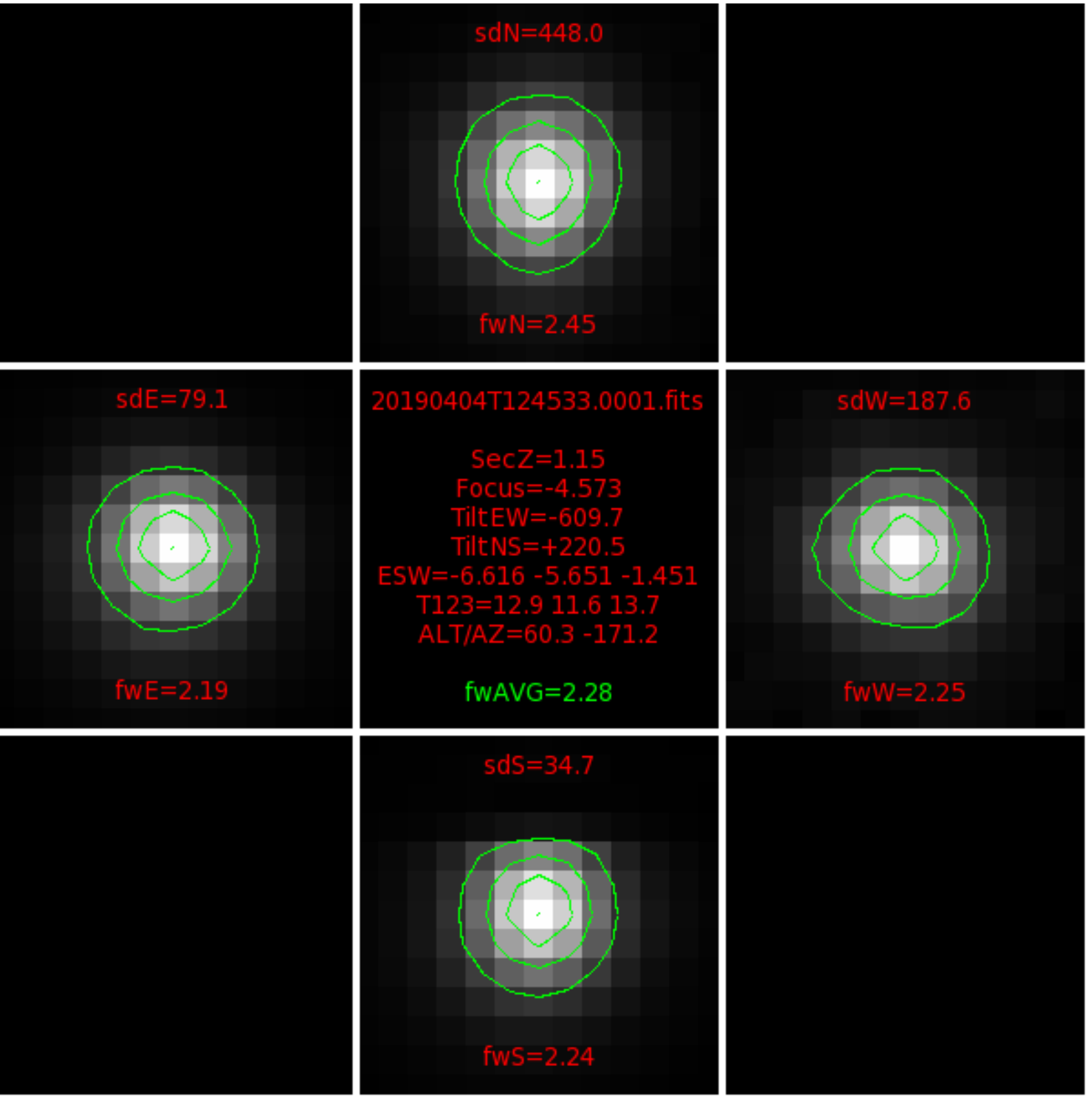

sdN=407.1
fwN=3.50
sdE=41.5
fwE=3.34
20190404T123559.0001.fits
SecZ=1.22
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.8 11.7 13.8
ALT/AZ=55.1 -160.2
fwAVG=3.43
sdW=72.9
fwW=3.51
sdS=103.8
fwS=3.37
0 0 0 0 0 0 0 0 0

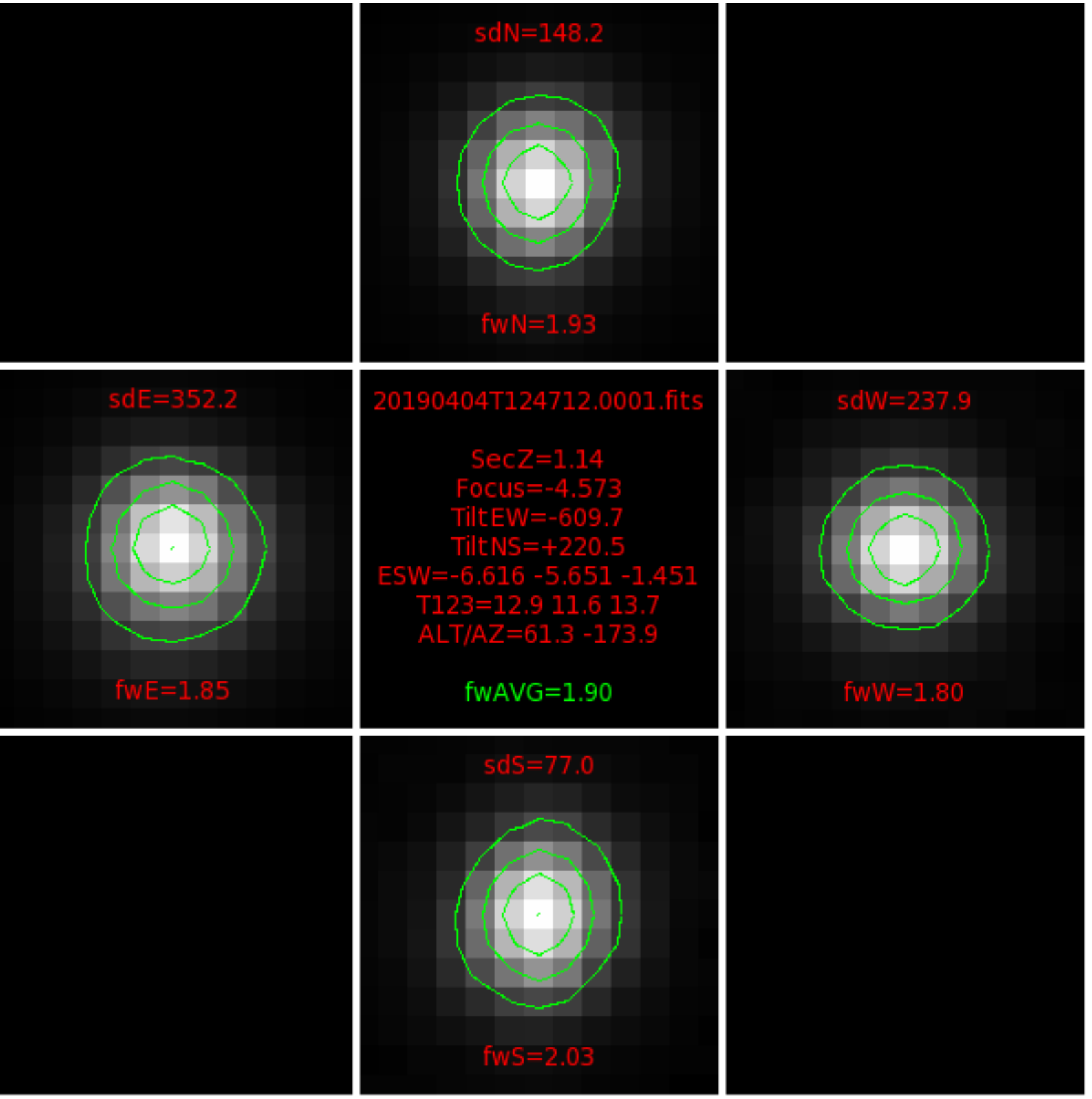

sdN=20.4
fwN=2.37
sdE=15.9
fwE=2.35
20190404T123736.0001.fits
SecZ=1.20
Focus=-4.573
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.616 -5.651 -1.451
T123=12.8 11.7 13.8
ALT/AZ=56.3 -162.3
fwAVG=2.35
sdW=539.4
fwW=2.31
sdS=31.5
fwS=2.36
0 0 0 0 0 0 0 0 0

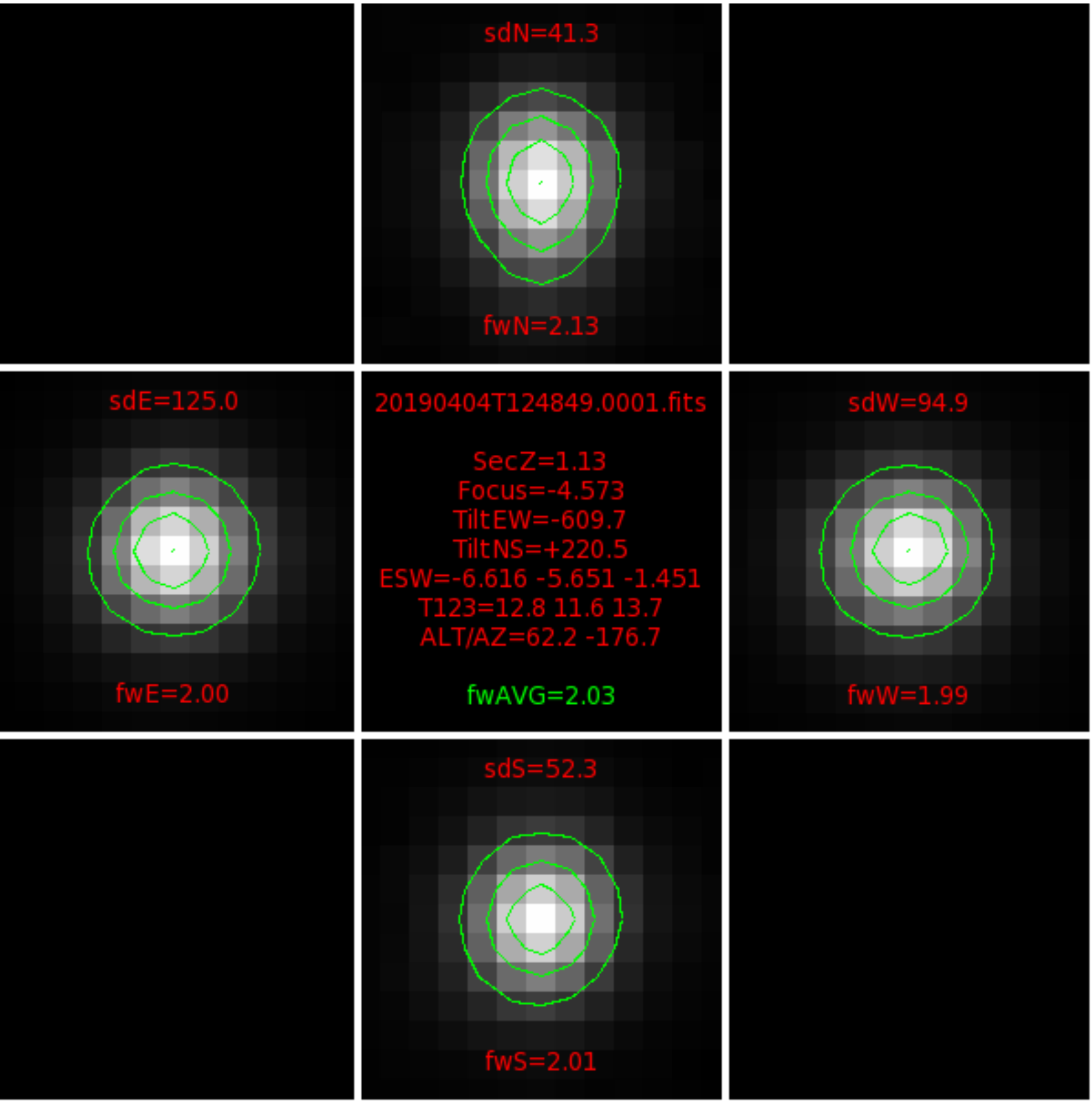

sdN=72.1
fwN=2.44
sdE=81.0
fwE=2.52
20190404T123919.0001.fits
SecZ=1.19
Focus=-4.580
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.623 -5.658 -1.458
T123=12.8 11.7 13.7
ALT/AZ=57.3 -164.5
fwAVG=2.49
sdW=229.1
fwW=2.44
sdS=45.9
fwS=2.57
0 0 0 0 0 0 0 0 0

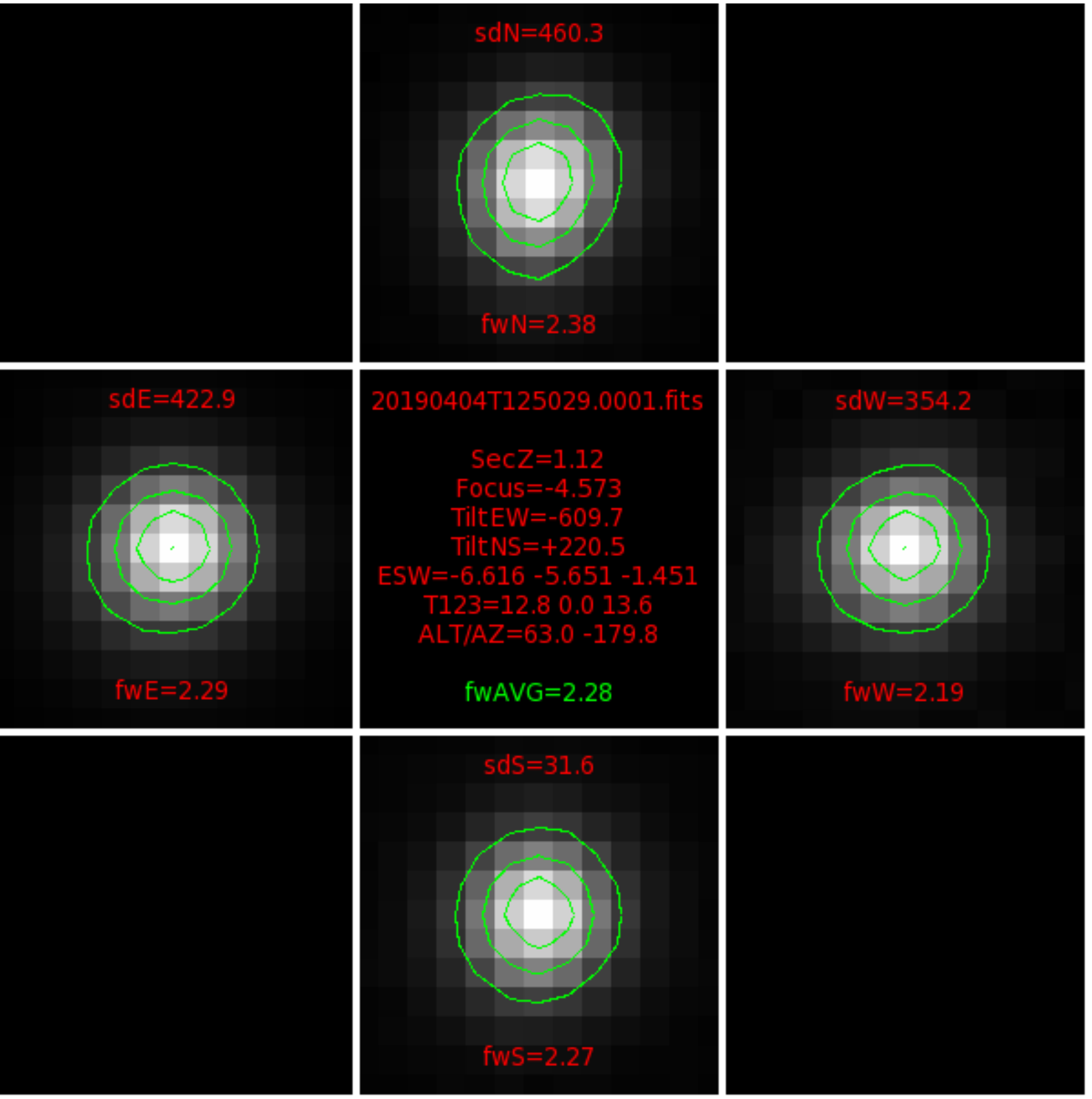

sdN=12.1
fwN=2.39
sdE=468.6
fwE=2.38
20190404T124225.0001.fits
SecZ=1.18
Focus=-4.573
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.616 -5.651 -1.451
T123=12.8 11.7 13.7
ALT/AZ=58.3 -166.1
fwAVG=2.34
sdW=806.7
fwW=2.22
sdS=17.6
fwS=2.37
0 0 0 0 0 0 0 0 0

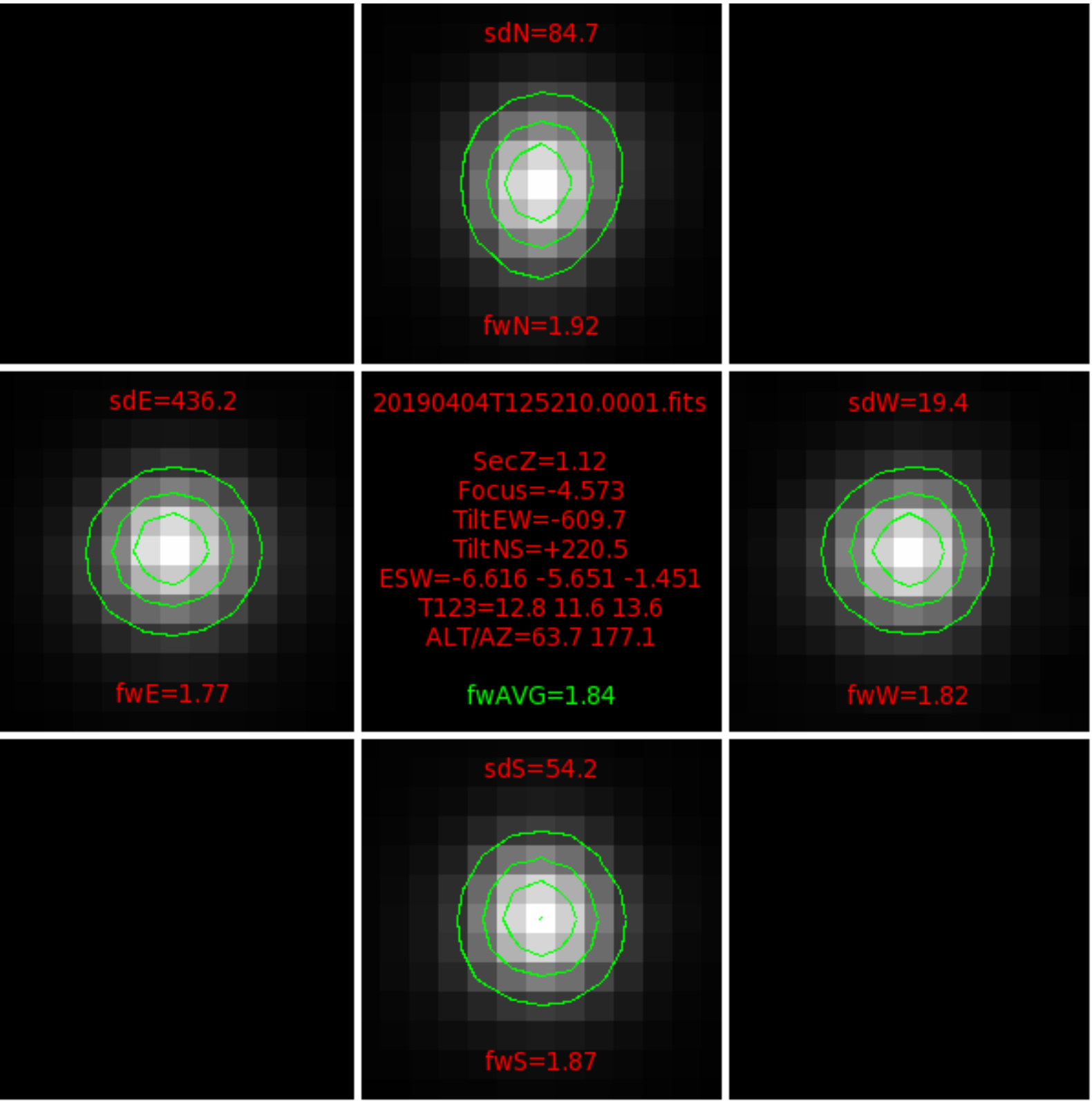

sdN=33.1
fwN=2.80
sdE=9.9
fwE=2.68
20190404T124405.0001.fits
SecZ=1.16
Focus=-4.573
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.616 -5.651 -1.451
T123=12.9 0.0 13.7
ALT/AZ=59.3 -168.5
fwAVG=2.66
sdW=147.0
fwW=2.63
sdS=115.6
fwS=2.55
0 0 0 0 0 0 0 0 0

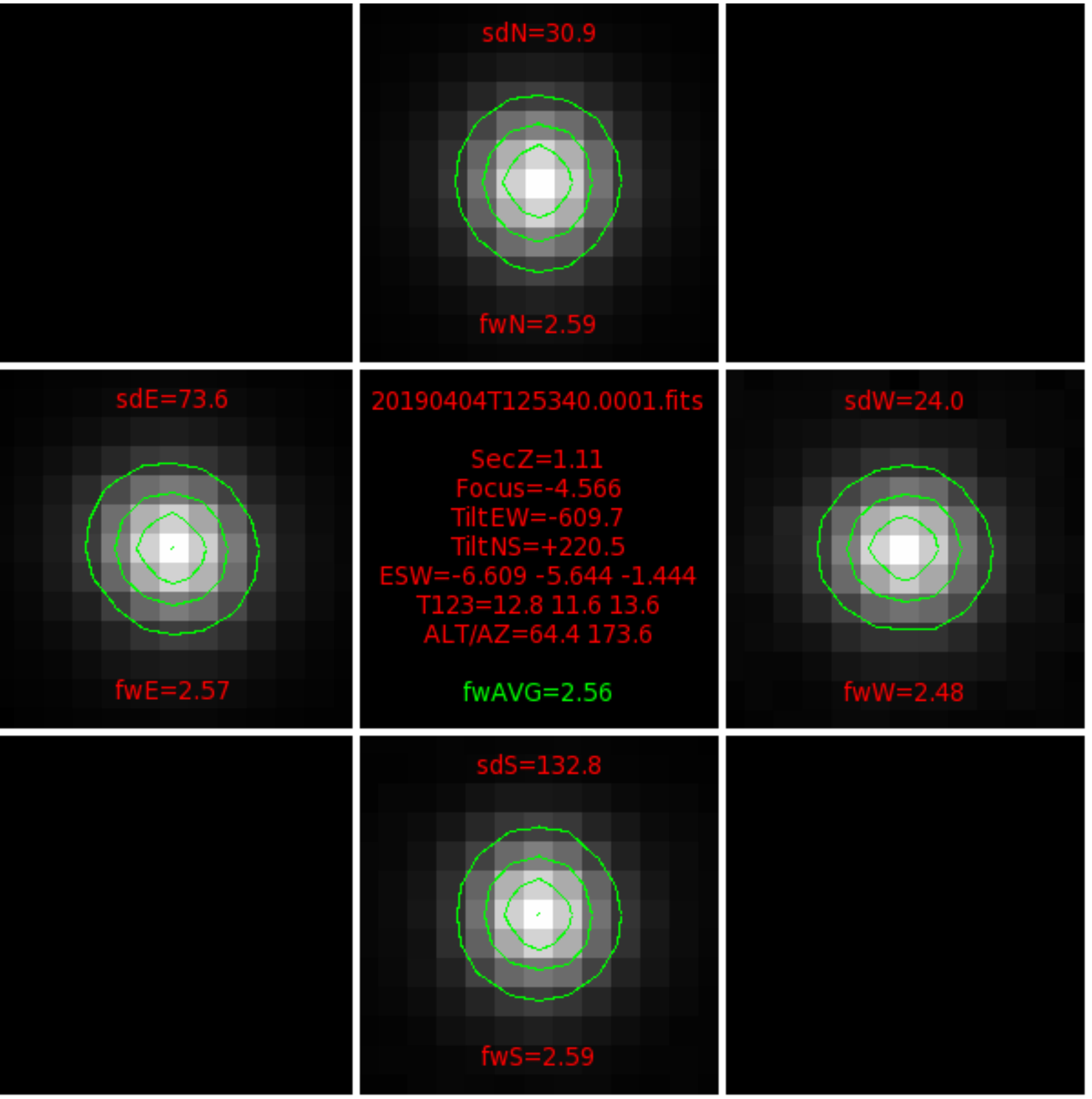

sdN=448.0
fwN=2.45
sdE=79.1
fwE=2.19
20190404T124533.0001.fits
SecZ=1.15
Focus=-4.573
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.616 -5.651 -1.451
T123=12.9 11.6 13.7
ALT/AZ=60.3 -171.2
fwAVG=2.28
sdW=187.6
fwW=2.25
sdS=34.7
fwS=2.24
0 0 0 0 0 0 0 0 0

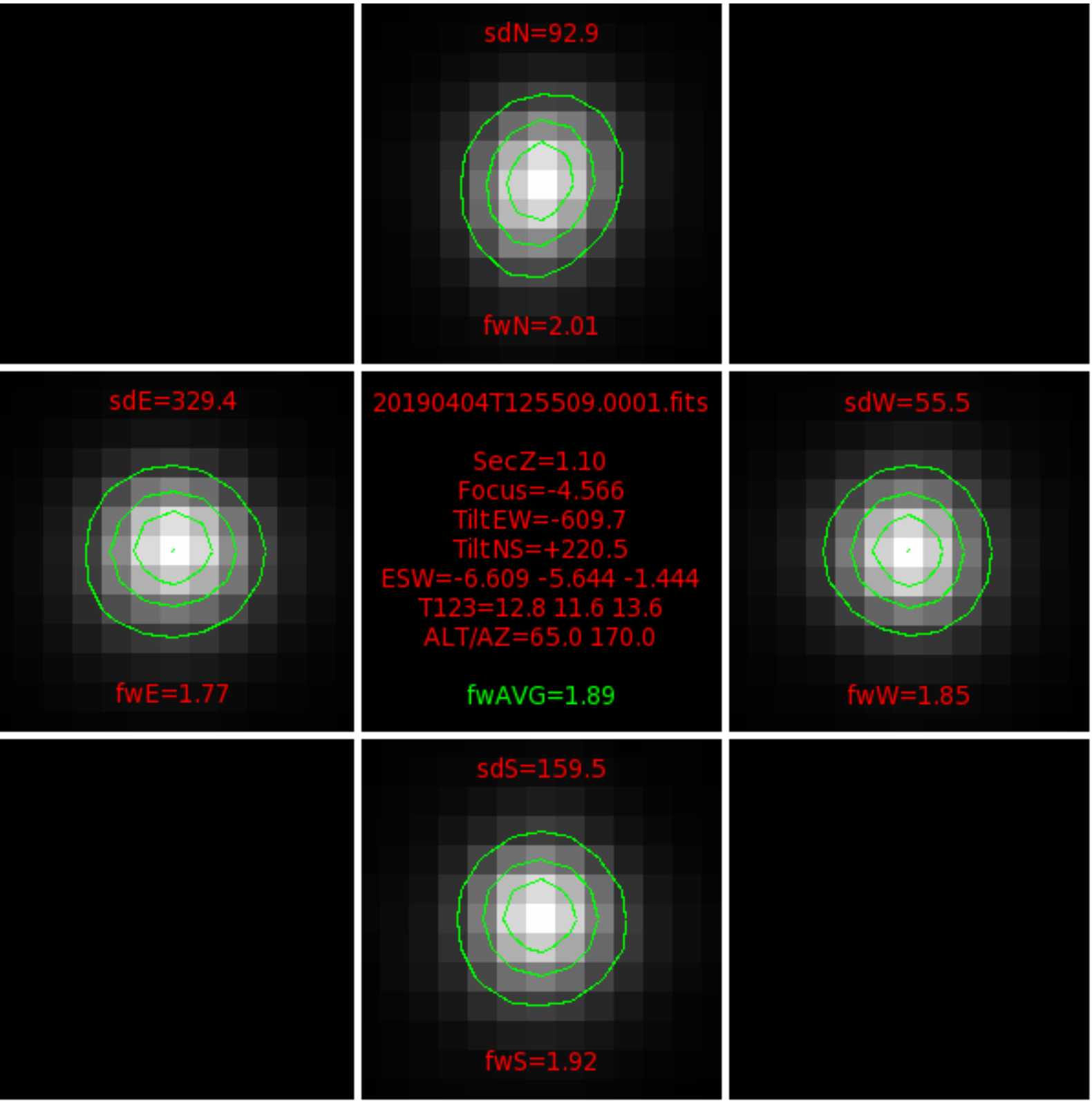

sdN=148.2
fwN=1.93
sdE=352.2
fwE=1.85
20190404T124712.0001.fits
SecZ=1.14
Focus=-4.573
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.616 -5.651 -1.451
T123=12.9 11.6 13.7
ALT/AZ=61.3 -173.9
fwAVG=1.90
sdW=237.9
fwW=1.80
sdS=77.0
fwS=2.03
0 0 0 0 0 0 0 0 0

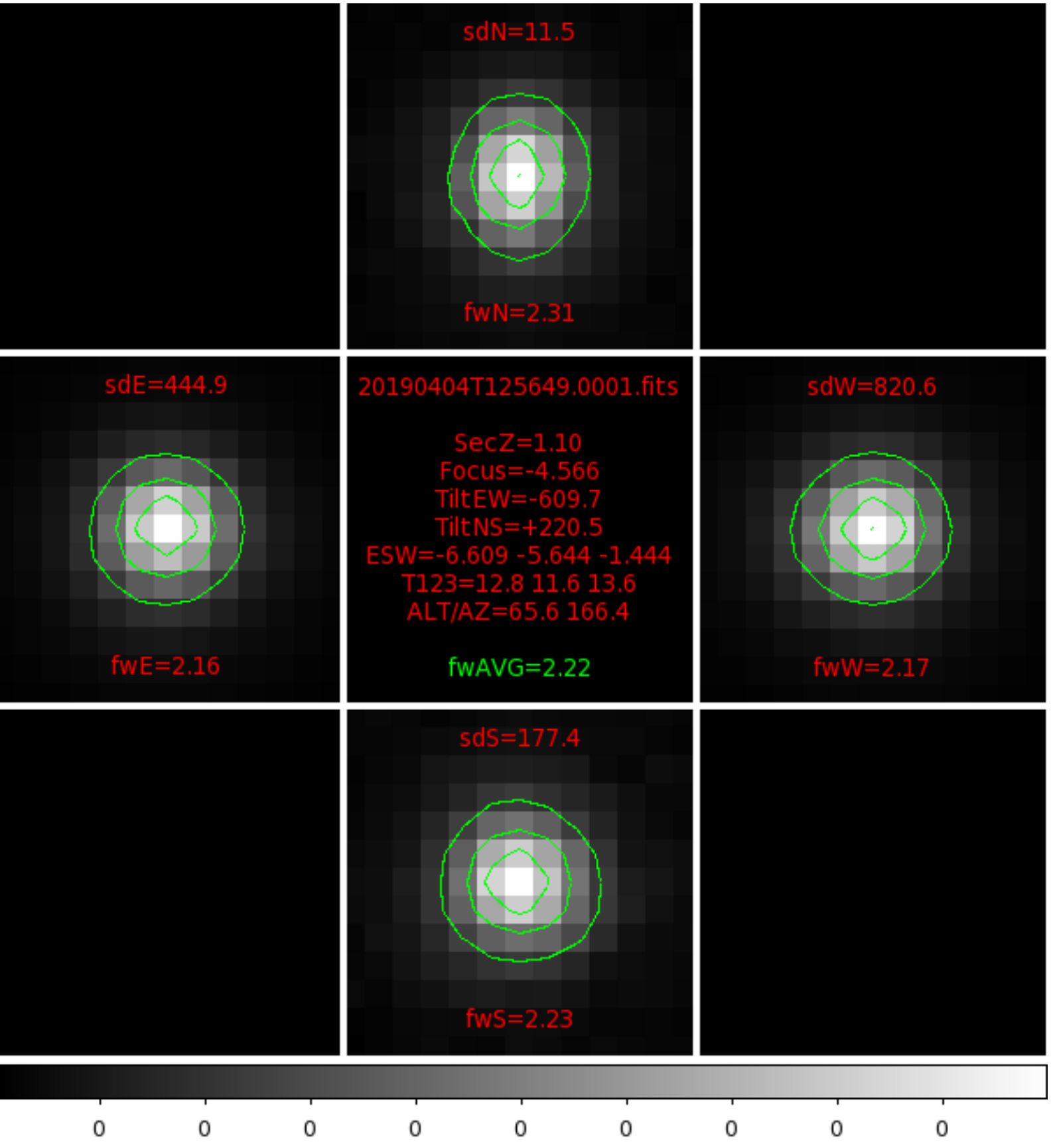

sdN=41.3
fwN=2.13
sdE=125.0
fwE=2.00
20190404T124849.0001.fits
SecZ=1.13
Focus=-4.573
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.616 -5.651 -1.451
T123=12.8 11.6 13.7
ALT/AZ=62.2 -176.7
fwAVG=2.03
sdW=94.9
fwW=1.99
sdS=52.3
fwS=2.01
0 0 0 0 0 0 0 0 0

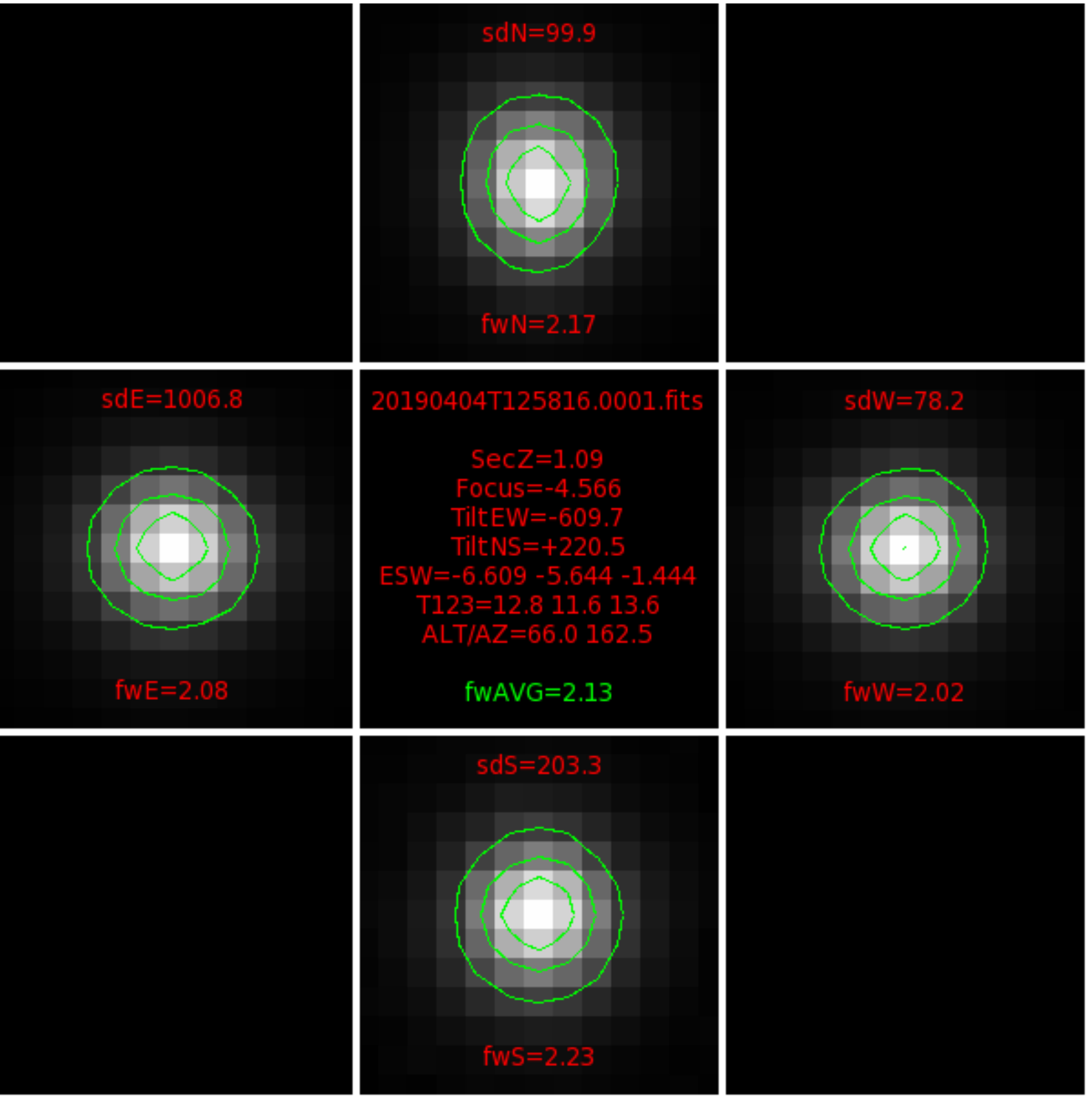

sdN=460.3
fwN=2.38
sdE=422.9
fwE=2.29
20190404T125029.0001.fits
SecZ=1.12
Focus=-4.573
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.616 -5.651 -1.451
T123=12.8 0.0 13.6
ALT/AZ=63.0 -179.8
fwAVG=2.28
sdW=354.2
fwW=2.19
sdS=31.6
fwS=2.27
0 0 0 0 0 0 0 0 0

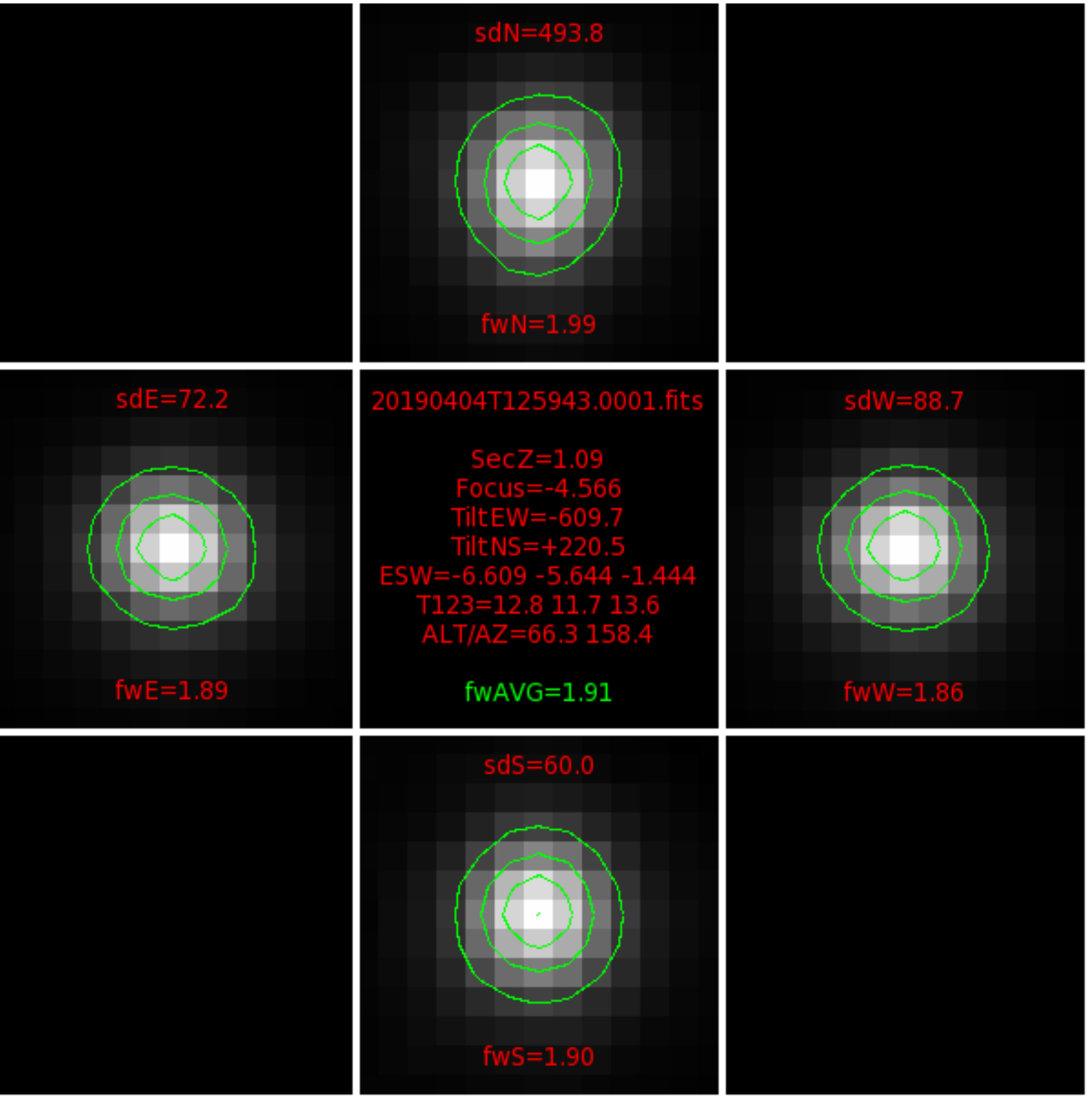

sdN=84.7
fwN=1.92
sdE=436.2
fwE=1.77
20190404T125210.0001.fits
SecZ=1.12
Focus=-4.573
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.616 -5.651 -1.451
T123=12.8 11.6 13.6
ALT/AZ=63.7 177.1
fwAVG=1.84
sdW=19.4
fwW=1.82
sdS=54.2
fwS=1.87
0 0 0 0 0 0 0 0 0

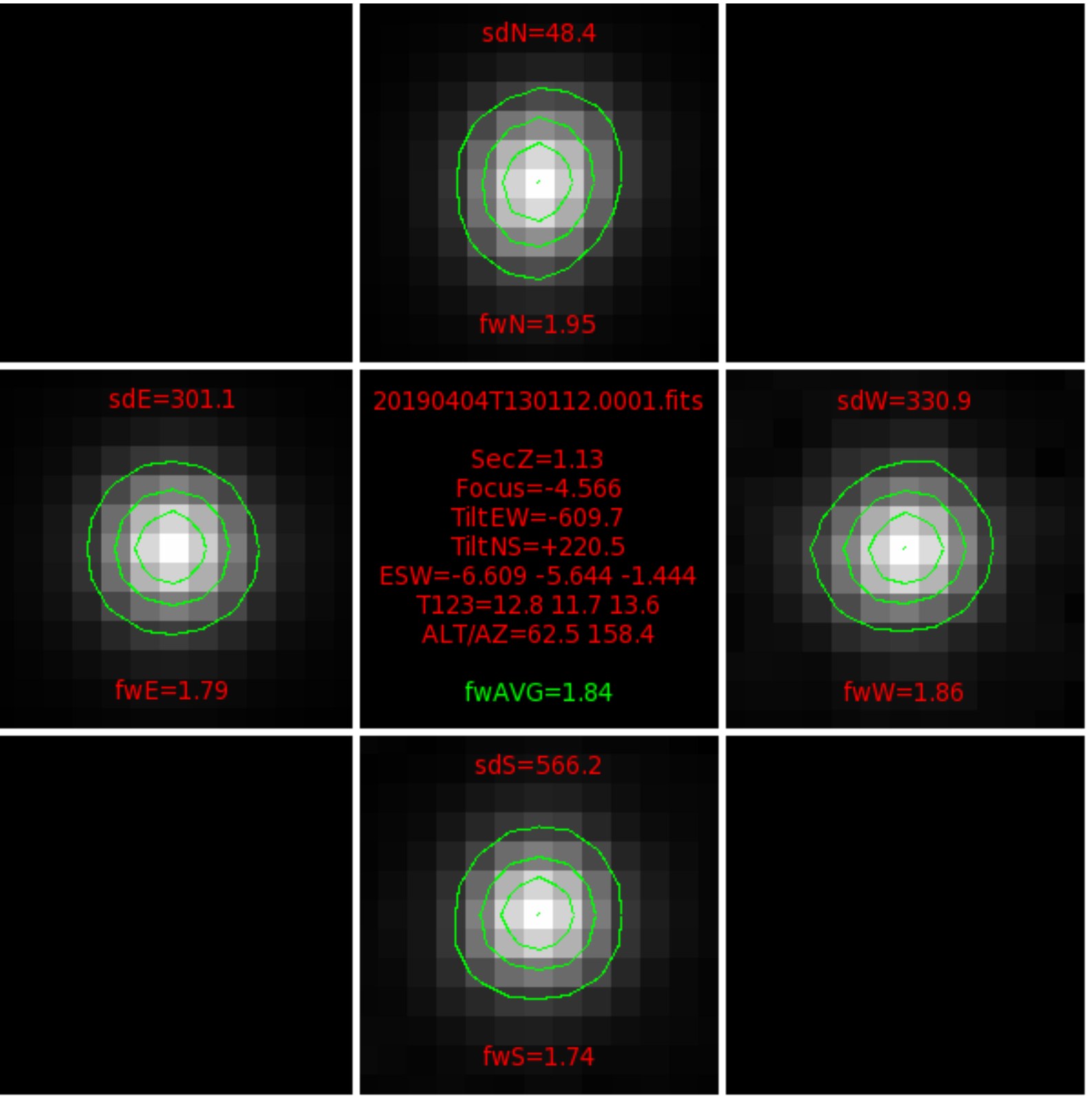

sdN=30.9
fwN=2.59
sdE=73.6
fwE=2.57
20190404T125340.0001.fits
SecZ=1.11
Focus=-4.566
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.609 -5.644 -1.444
T123=12.8 11.6 13.6
ALT/AZ=64.4 173.6
fwAVG=2.56
sdW=24.0
fwW=2.48
sdS=132.8
fwS=2.59
0 0 0 0 0 0 0 0 0

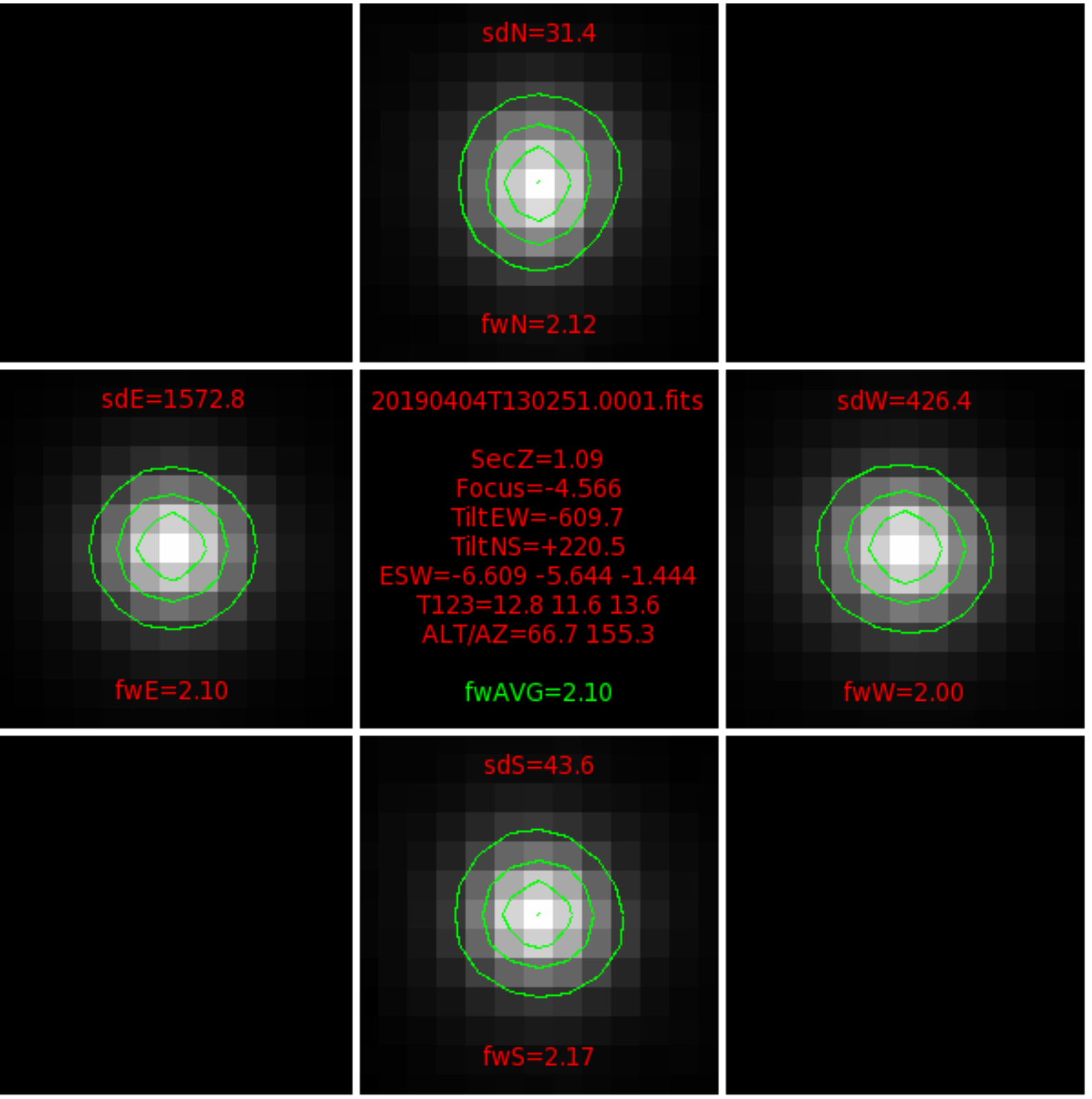

sdN=92.9
fwN=2.01
sdE=329.4
fwE=1.77
20190404T125509.0001.fits
SecZ=1.10
Focus=-4.566
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.609 -5.644 -1.444
T123=12.8 11.6 13.6
ALT/AZ=65.0 170.0
fwAVG=1.89
sdW=55.5
fwW=1.85
sdS=159.5
fwS=1.92
0 0 0 0 0 0 0 0 0

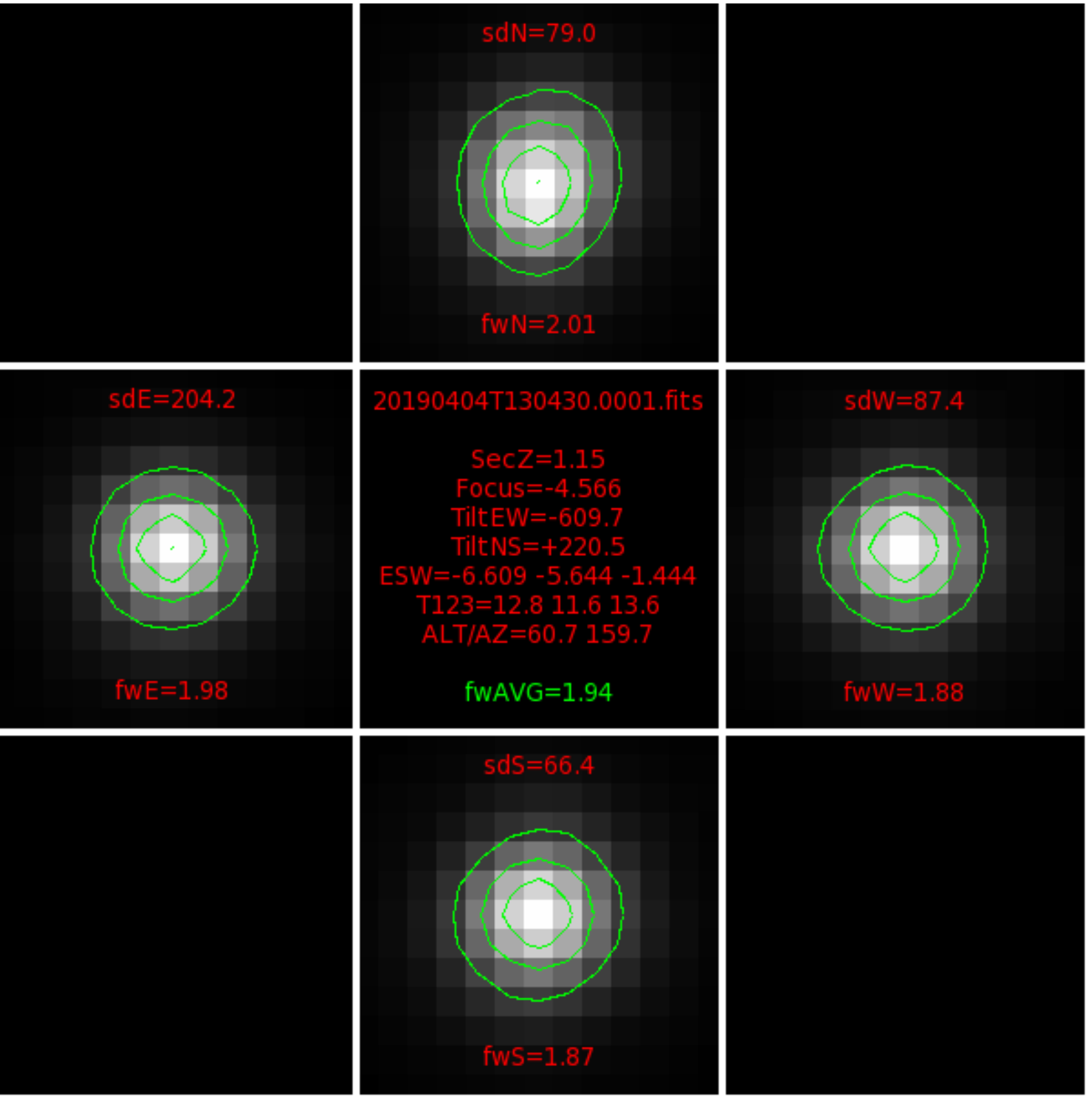

sdN=11.5
fwN=2.31
sdE=444.9
fwE=2.16
20190404T125649.0001.fits
SecZ=1.10
Focus=-4.566
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.609 -5.644 -1.444
T123=12.8 11.6 13.6
ALT/AZ=65.6 166.4
fwAVG=2.22
sdW=820.6
fwW=2.17
sdS=177.4
fwS=2.23
0 0 0 0 0 0 0 0 0

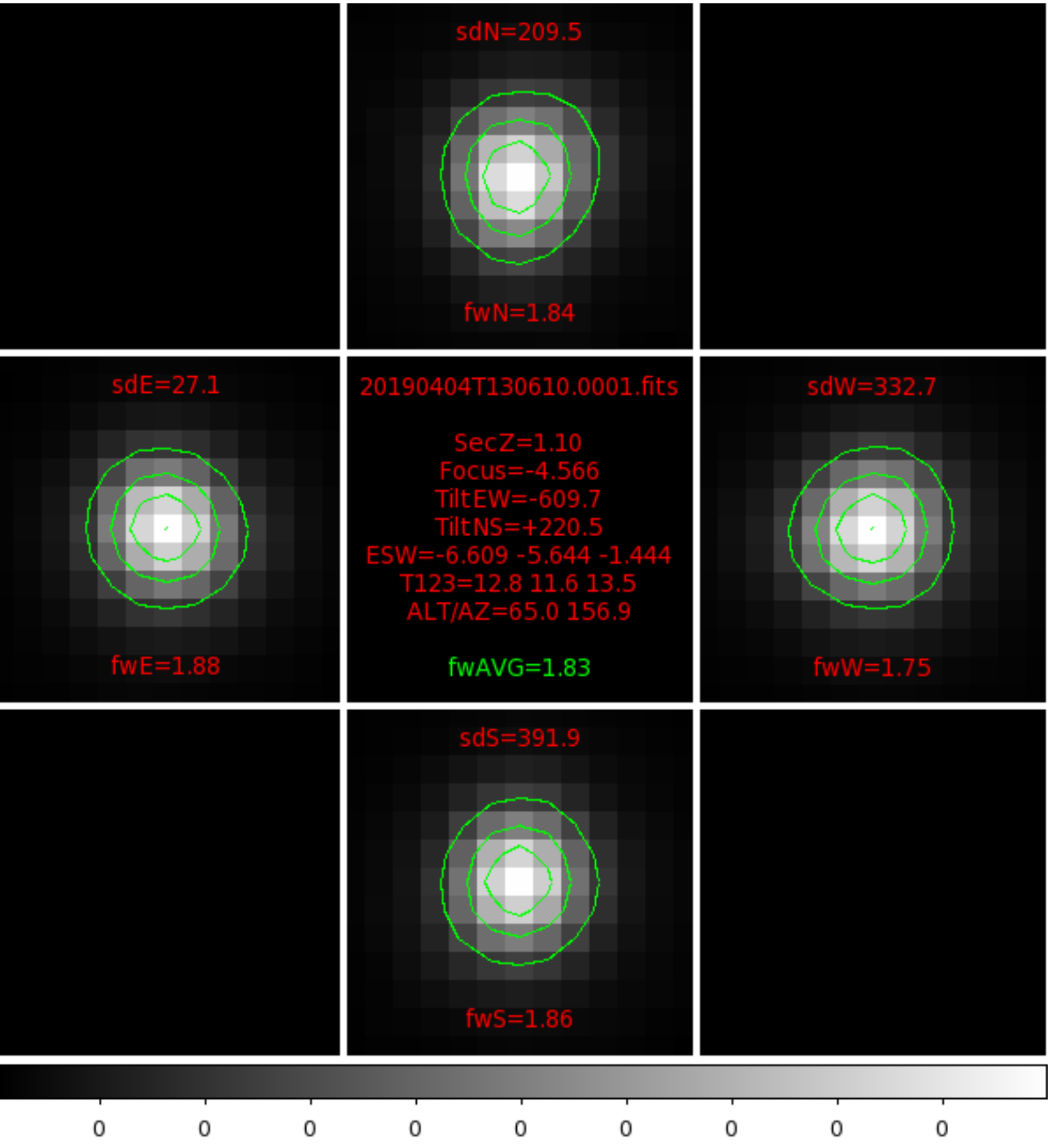

sdN=99.9
fwN=2.17
sdE=1006.8
fwE=2.08
20190404T125816.0001.fits
SecZ=1.09
Focus=-4.566
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.609 -5.644 -1.444
T123=12.8 11.6 13.6
ALT/AZ=66.0 162.5
fwAVG=2.13
sdW=78.2
fwW=2.02
sdS=203.3
fwS=2.23
0 0 0 0 0 0 0 0 0

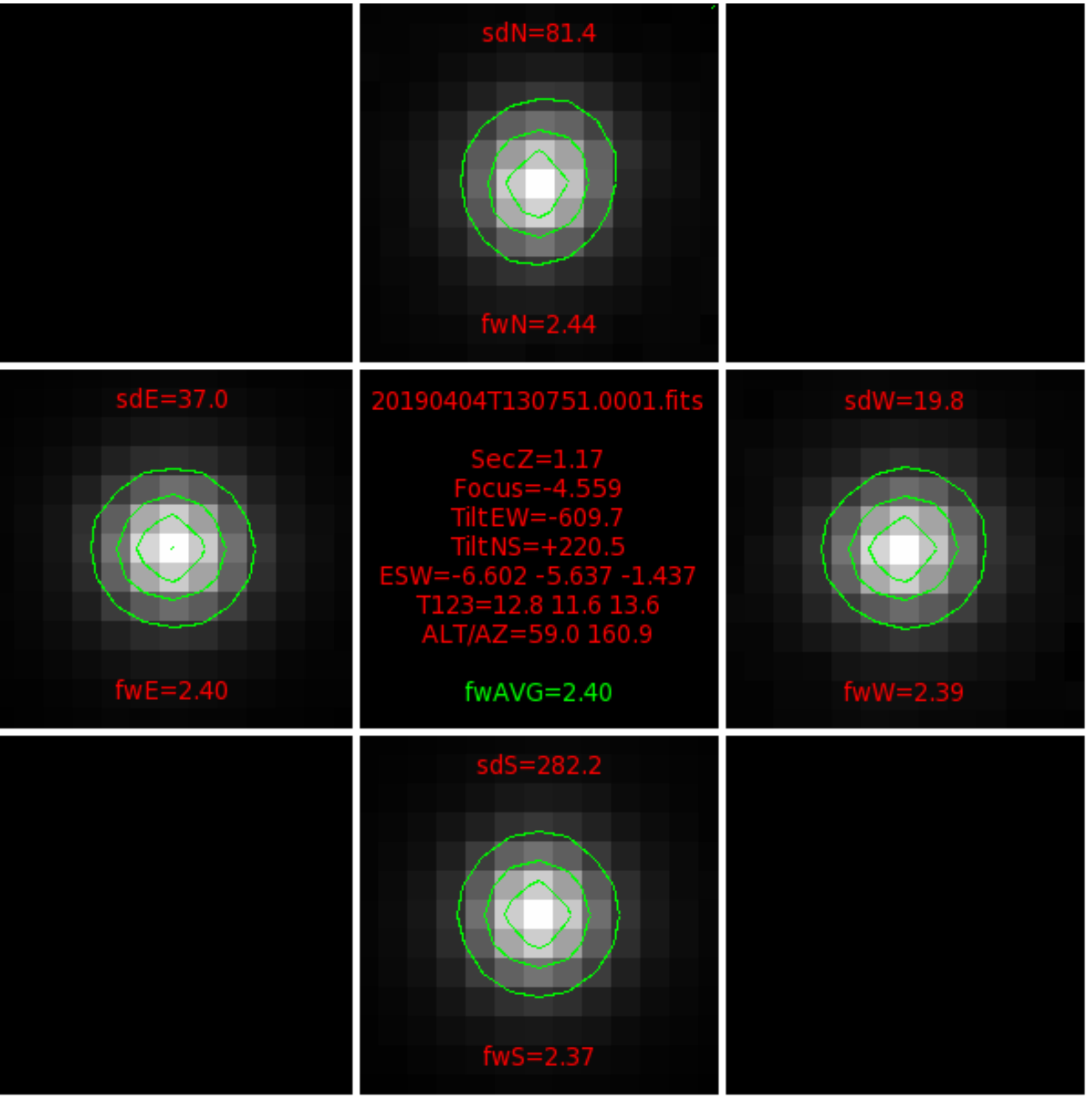

sdN=493.8
fwN=1.99
sdE=72.2
fwE=1.89
20190404T125943.0001.fits
SecZ=1.09
Focus=-4.566
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.609 -5.644 -1.444
T123=12.8 11.7 13.6
ALT/AZ=66.3 158.4
fwAVG=1.91
sdW=88.7
fwW=1.86
sdS=60.0
fwS=1.90
0 0 0 0 0 0 0 0 0

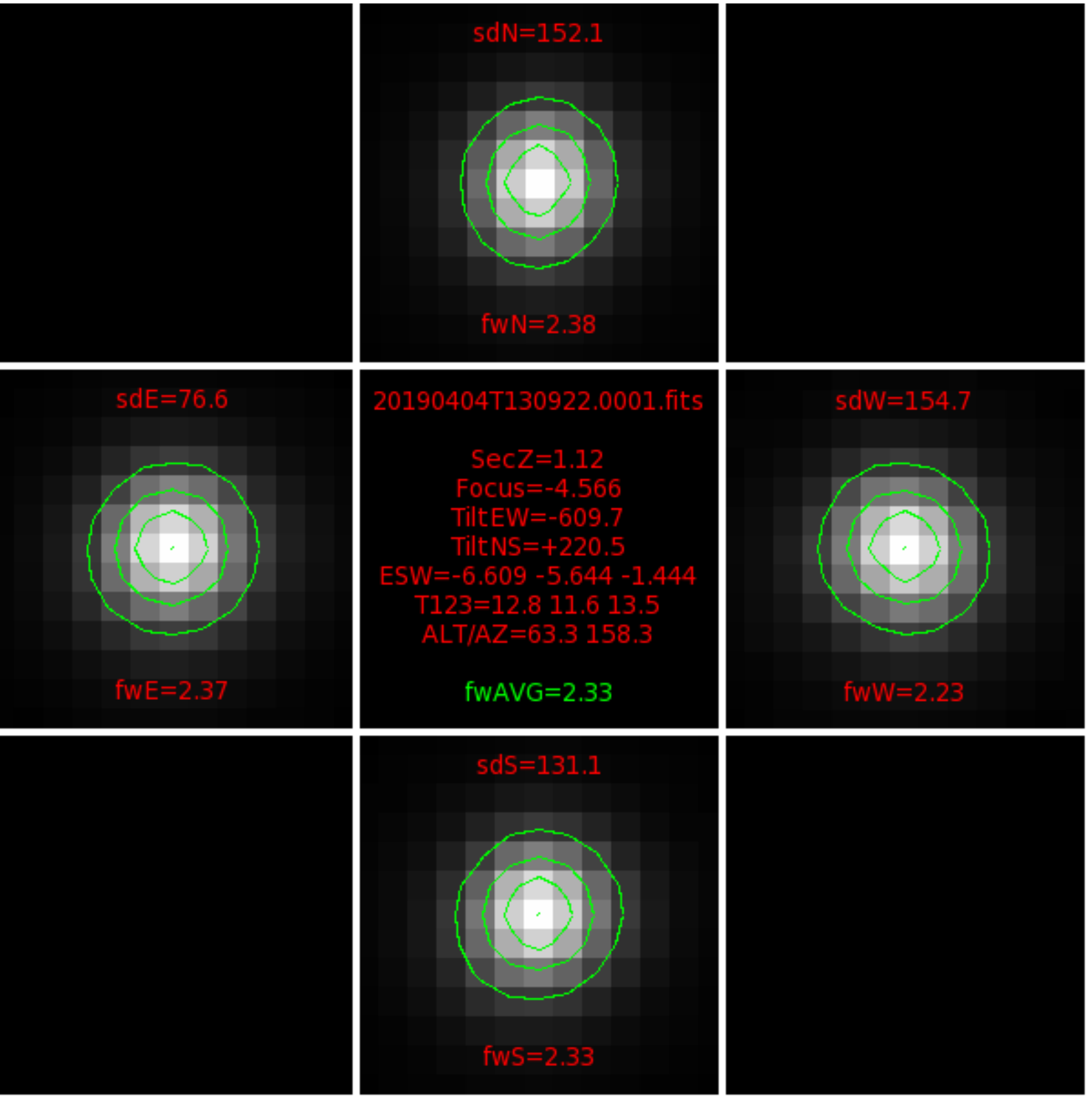

sdN=48.4
fwN=1.95
sdE=301.1
fwE=1.79
20190404T130112.0001.fits
SecZ=1.13
Focus=-4.566
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.609 -5.644 -1.444
T123=12.8 11.7 13.6
ALT/AZ=62.5 158.4
fwAVG=1.84
sdW=330.9
fwW=1.86
sdS=566.2
fwS=1.74
0 0 0 0 0 0 0 0 0

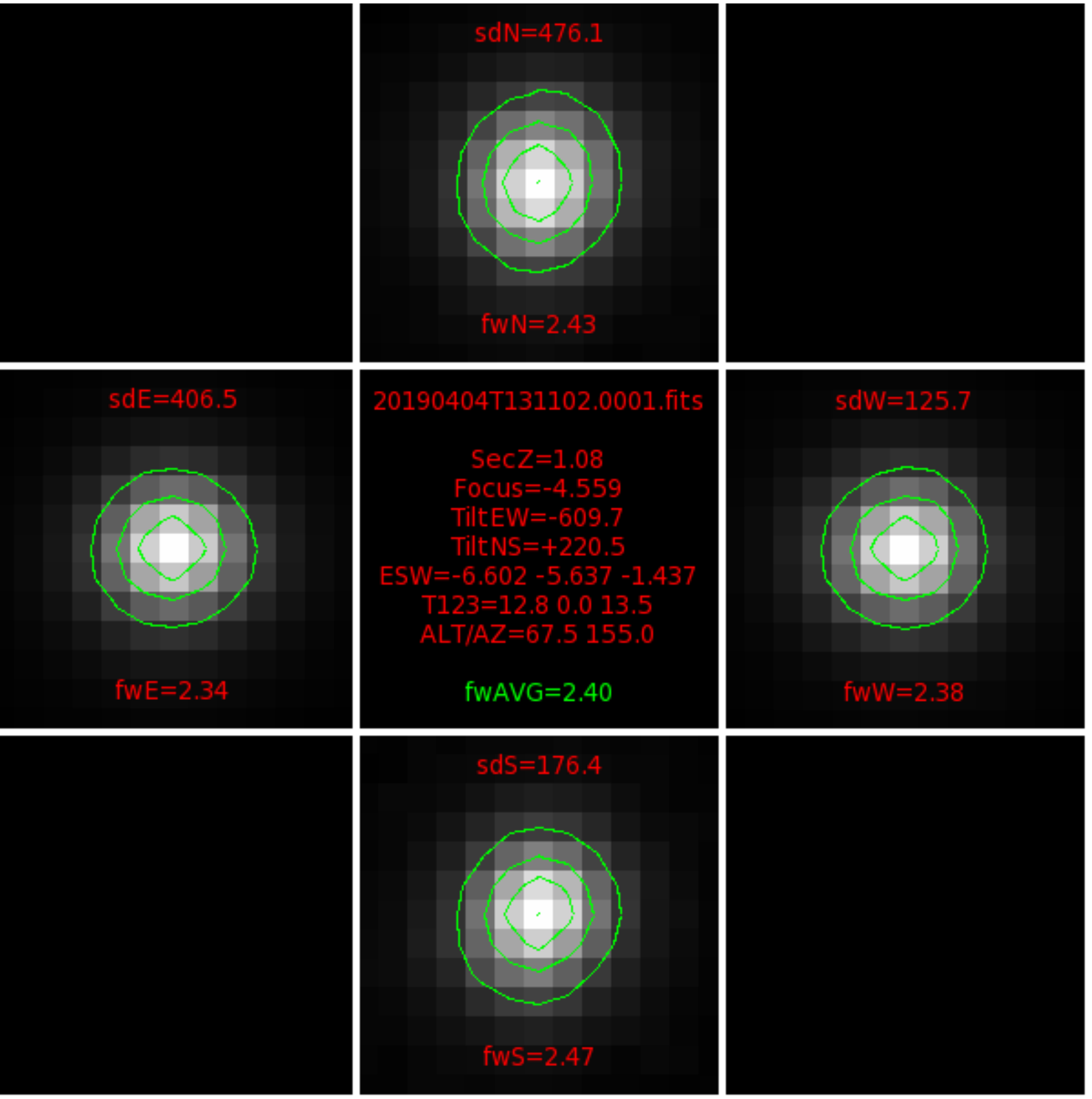

sdN=31.4
fwN=2.12
sdE=1572.8
fwE=2.10
20190404T130251.0001.fits
SecZ=1.09
Focus=-4.566
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.609 -5.644 -1.444
T123=12.8 11.6 13.6
ALT/AZ=66.7 155.3
fwAVG=2.10
sdW=426.4
fwW=2.00
sdS=43.6
fwS=2.17
0 0 0 0 0 0 0 0 0

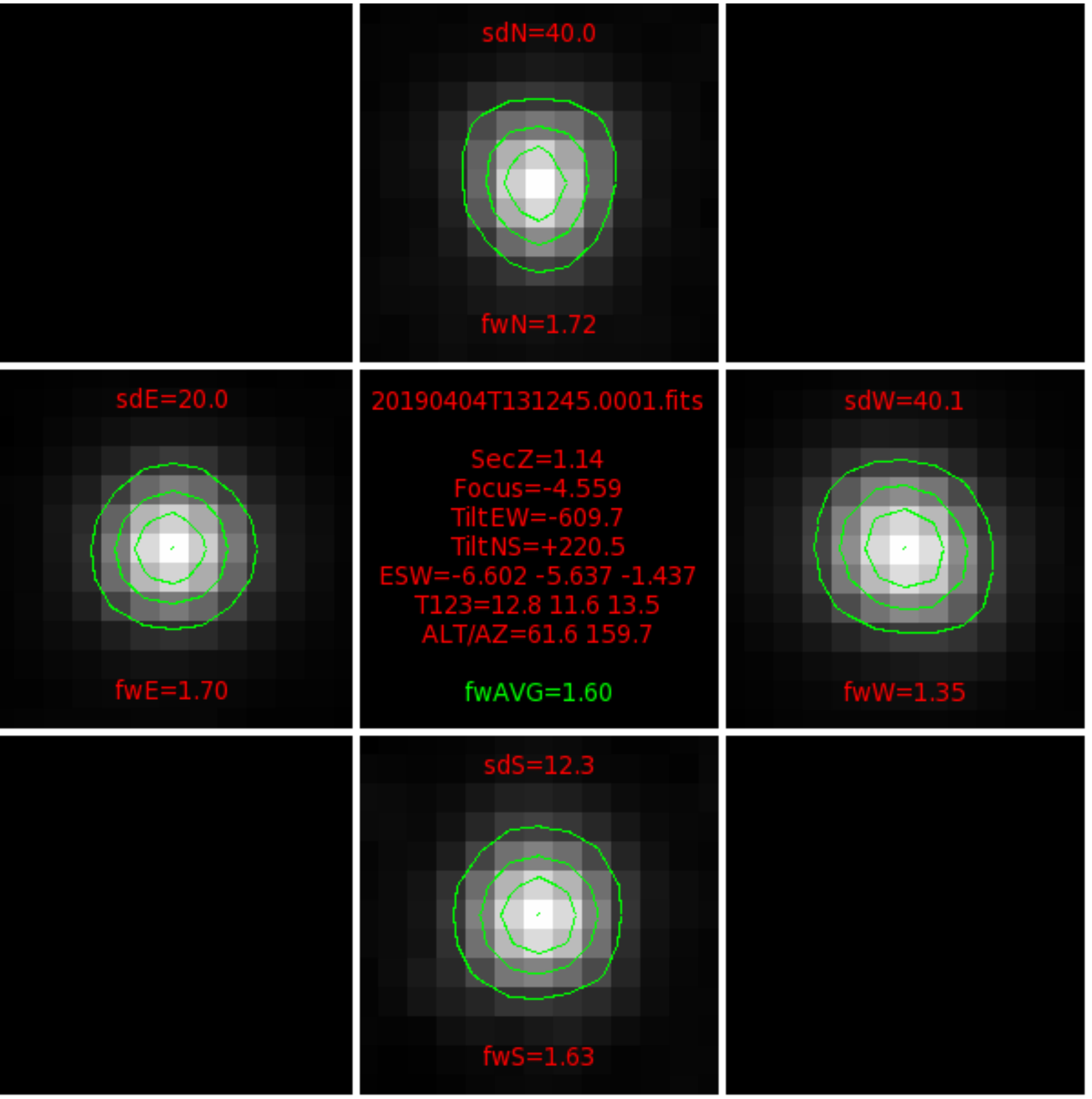

sdN=79.0
fwN=2.01
sdE=204.2
fwE=1.98
20190404T130430.0001.fits
SecZ=1.15
Focus=-4.566
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.609 -5.644 -1.444
T123=12.8 11.6 13.6
ALT/AZ=60.7 159.7
fwAVG=1.94
sdW=87.4
fwW=1.88
sdS=66.4
fwS=1.87
0 0 0 0 0 0 0 0 0

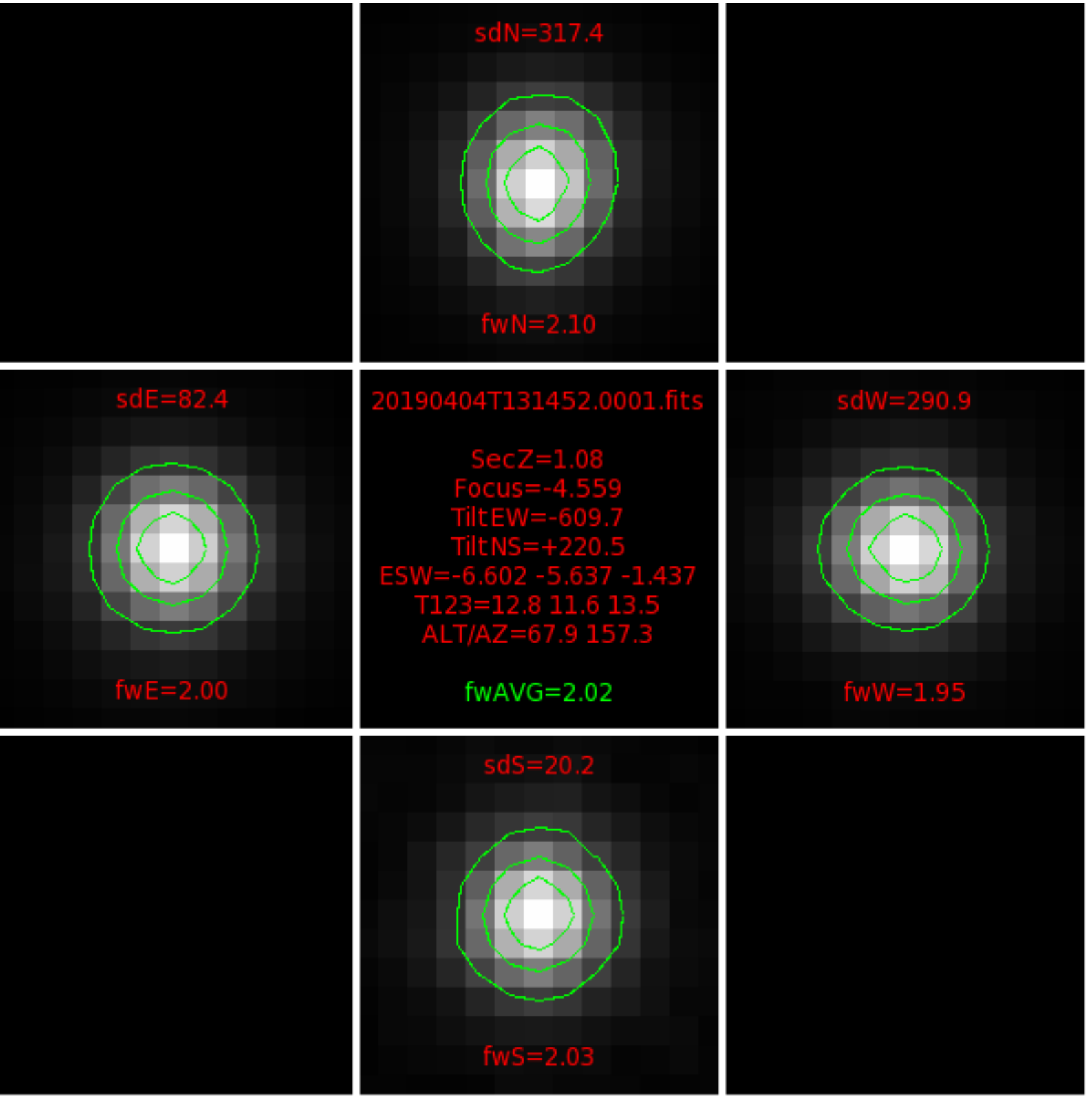

sdN=209.5
fwN=1.84
sdE=27.1
fwE=1.88
20190404T130610.0001.fits
SecZ=1.10
Focus=-4.566
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.609 -5.644 -1.444
T123=12.8 11.6 13.5
ALT/AZ=65.0 156.9
fwAVG=1.83
sdW=332.7
fwW=1.75
sdS=391.9
fwS=1.86
0 0 0 0 0 0 0 0 0

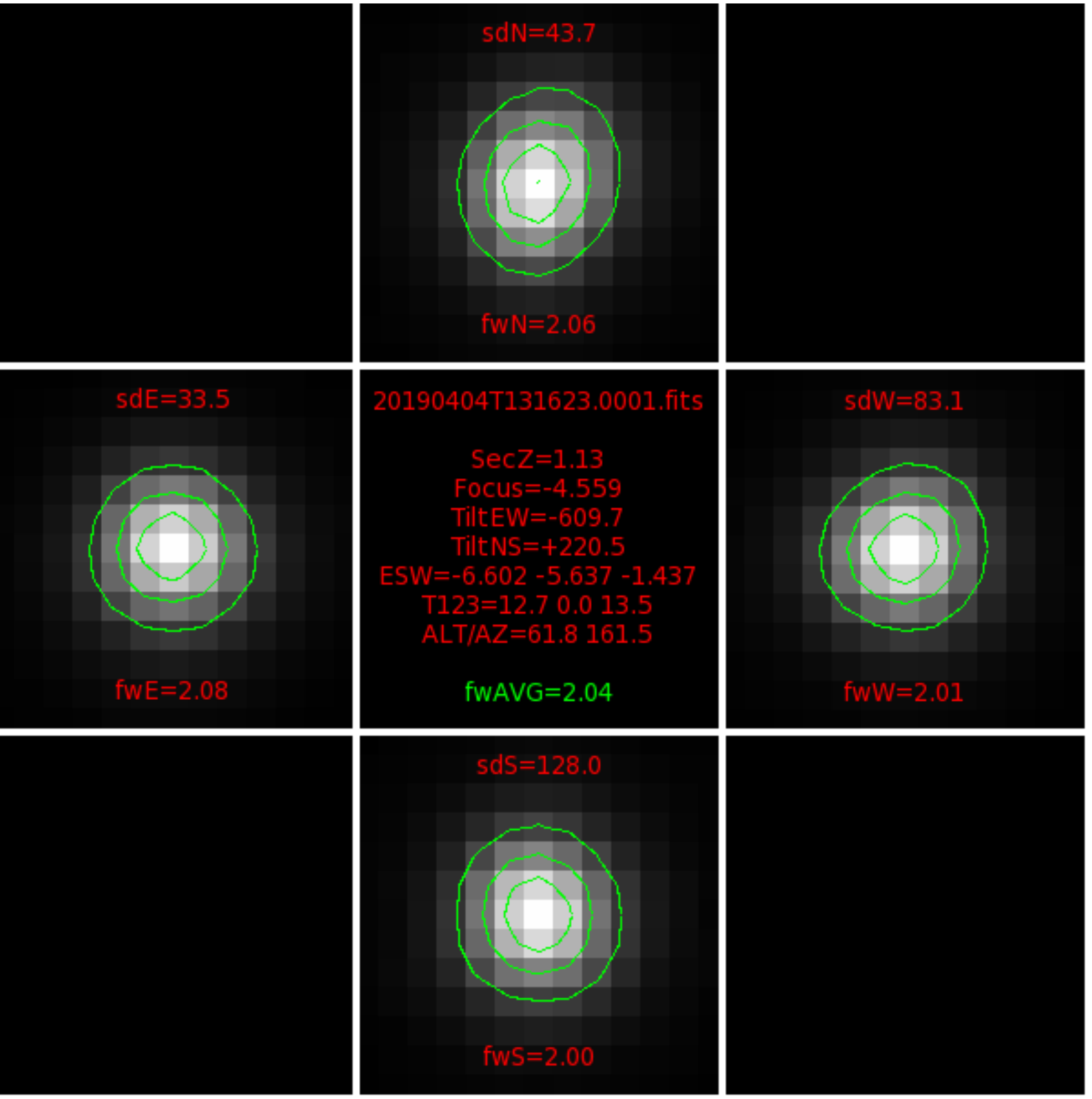

sdN=81.4
fwN=2.44
sdE=37.0
fwE=2.40
20190404T130751.0001.fits
SecZ=1.17
Focus=-4.559
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.602 -5.637 -1.437
T123=12.8 11.6 13.6
ALT/AZ=59.0 160.9
fwAVG=2.40
sdW=19.8
fwW=2.39
sdS=282.2
fwS=2.37
0 0 0 0 0 0 0 0 0

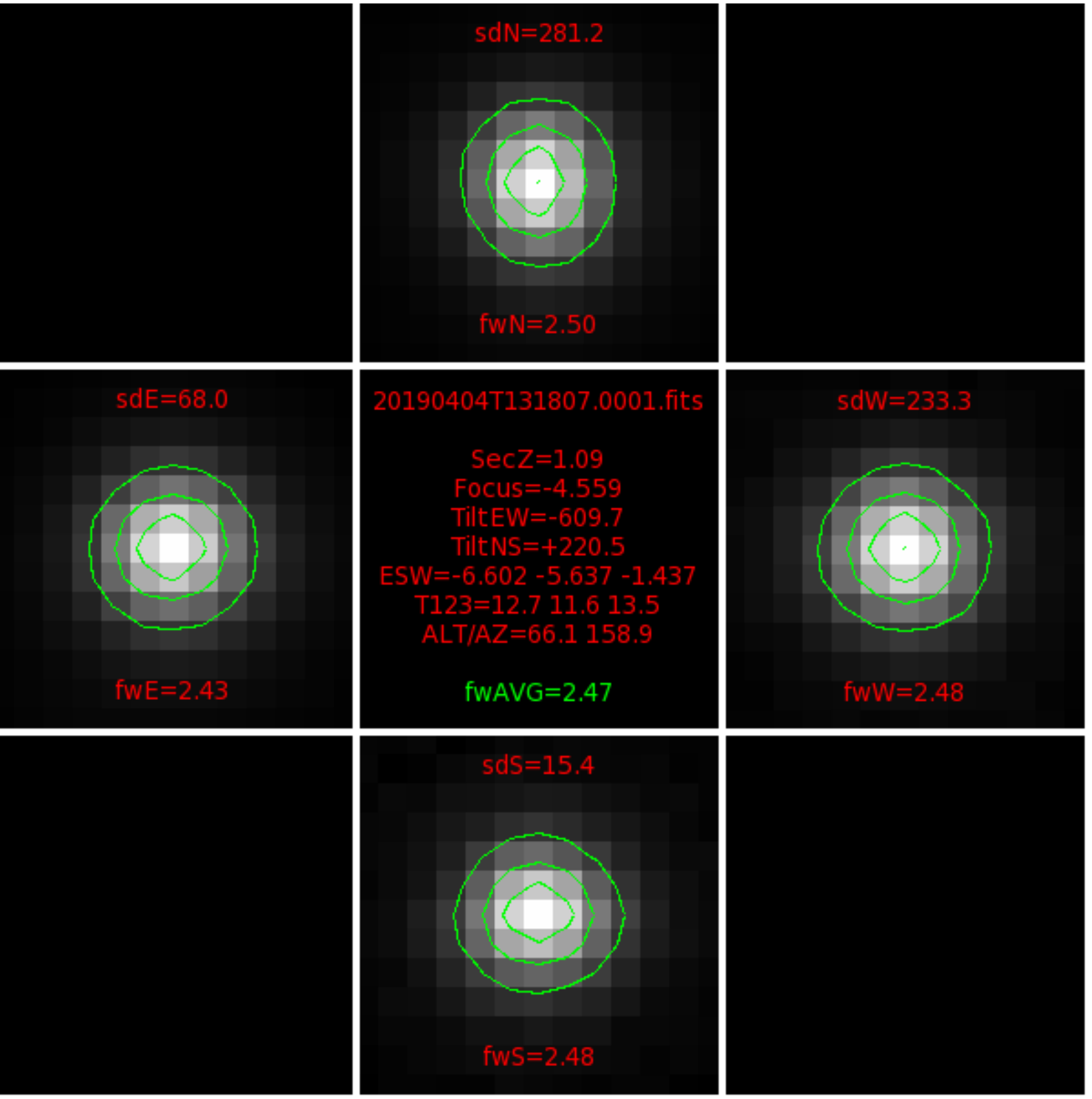

sdN=152.1
fwN=2.38
sdE=76.6
fwE=2.37
20190404T130922.0001.fits
SecZ=1.12
Focus=-4.566
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.609 -5.644 -1.444
T123=12.8 11.6 13.5
ALT/AZ=63.3 158.3
fwAVG=2.33
sdW=154.7
fwW=2.23
sdS=131.1
fwS=2.33
0 0 0 0 0 0 0 0 0

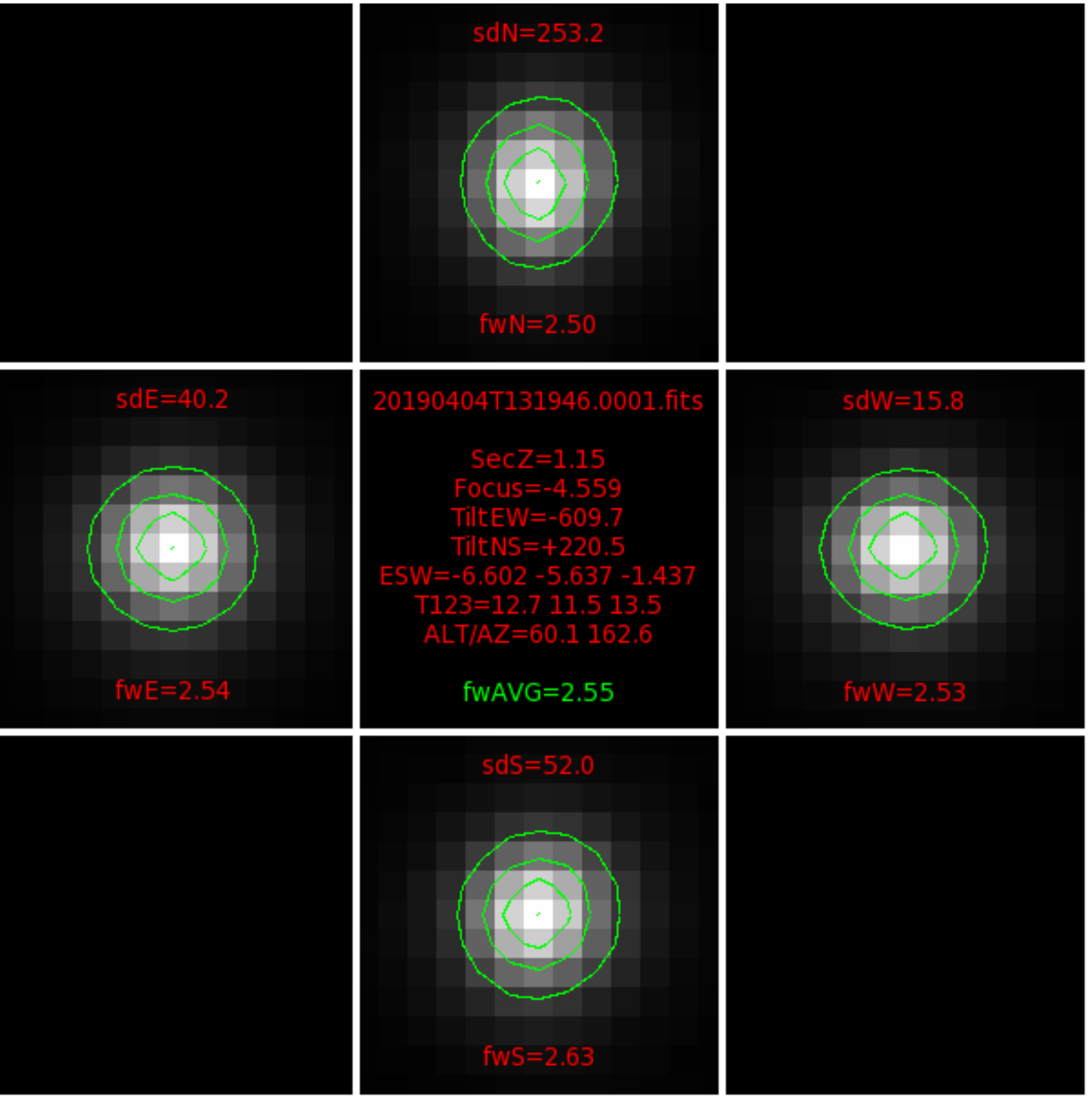

sdN=476.1
fwN=2.43
sdE=406.5
fwE=2.34
20190404T131102.0001.fits
SecZ=1.08
Focus=-4.559
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.602 -5.637 -1.437
T123=12.8 0.0 13.5
ALT/AZ=67.5 155.0
fwAVG=2.40
sdW=125.7
fwW=2.38
sdS=176.4
fwS=2.47
0 0 0 0 0 0 0 0 0

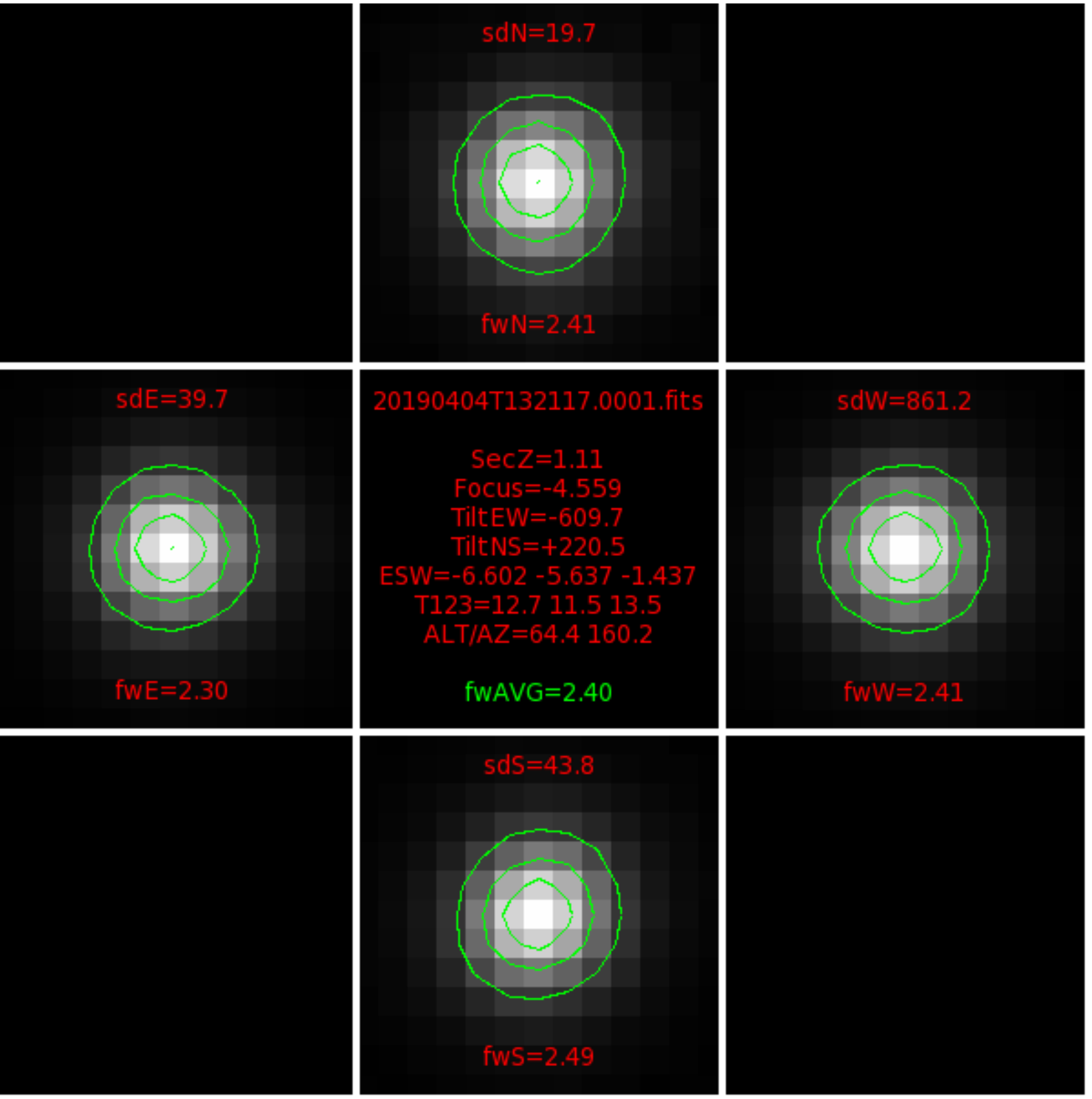

sdN=40.0
fwN=1.72
sdE=20.0
fwE=1.70
20190404T131245.0001.fits
SecZ=1.14
Focus=-4.559
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.602 -5.637 -1.437
T123=12.8 11.6 13.5
ALT/AZ=61.6 159.7
fwAVG=1.60
sdW=40.1
fwW=1.35
sdS=12.3
fwS=1.63
0 0 0 0 0 0 0 0 0

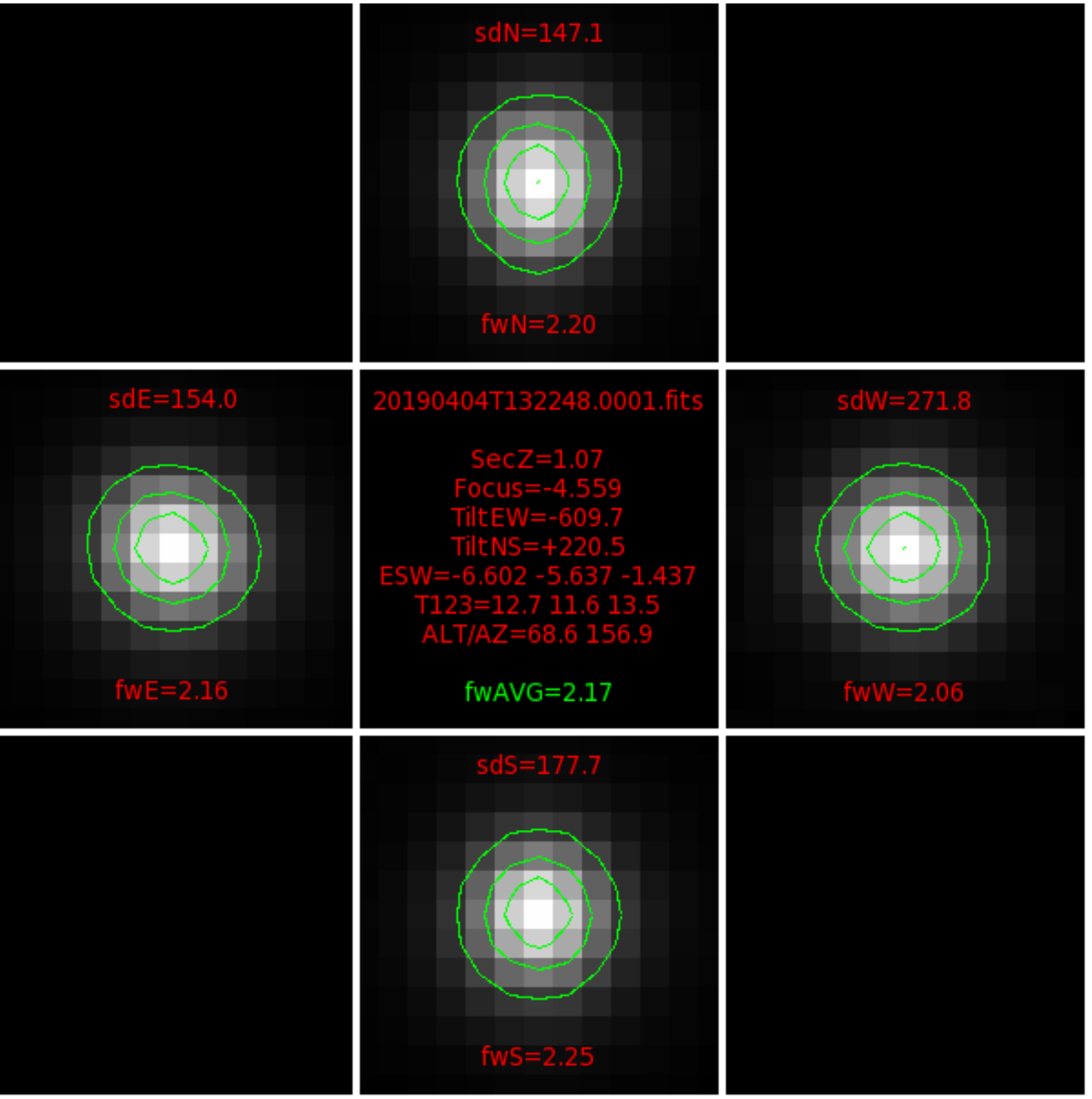

sdN=317.4
fwN=2.10
sdE=82.4
fwE=2.00
20190404T131452.0001.fits
SecZ=1.08
Focus=-4.559
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.602 -5.637 -1.437
T123=12.8 11.6 13.5
ALT/AZ=67.9 157.3
fwAVG=2.02
sdW=290.9
fwW=1.95
sdS=20.2
fwS=2.03
0 0 0 0 0 0 0 0 0

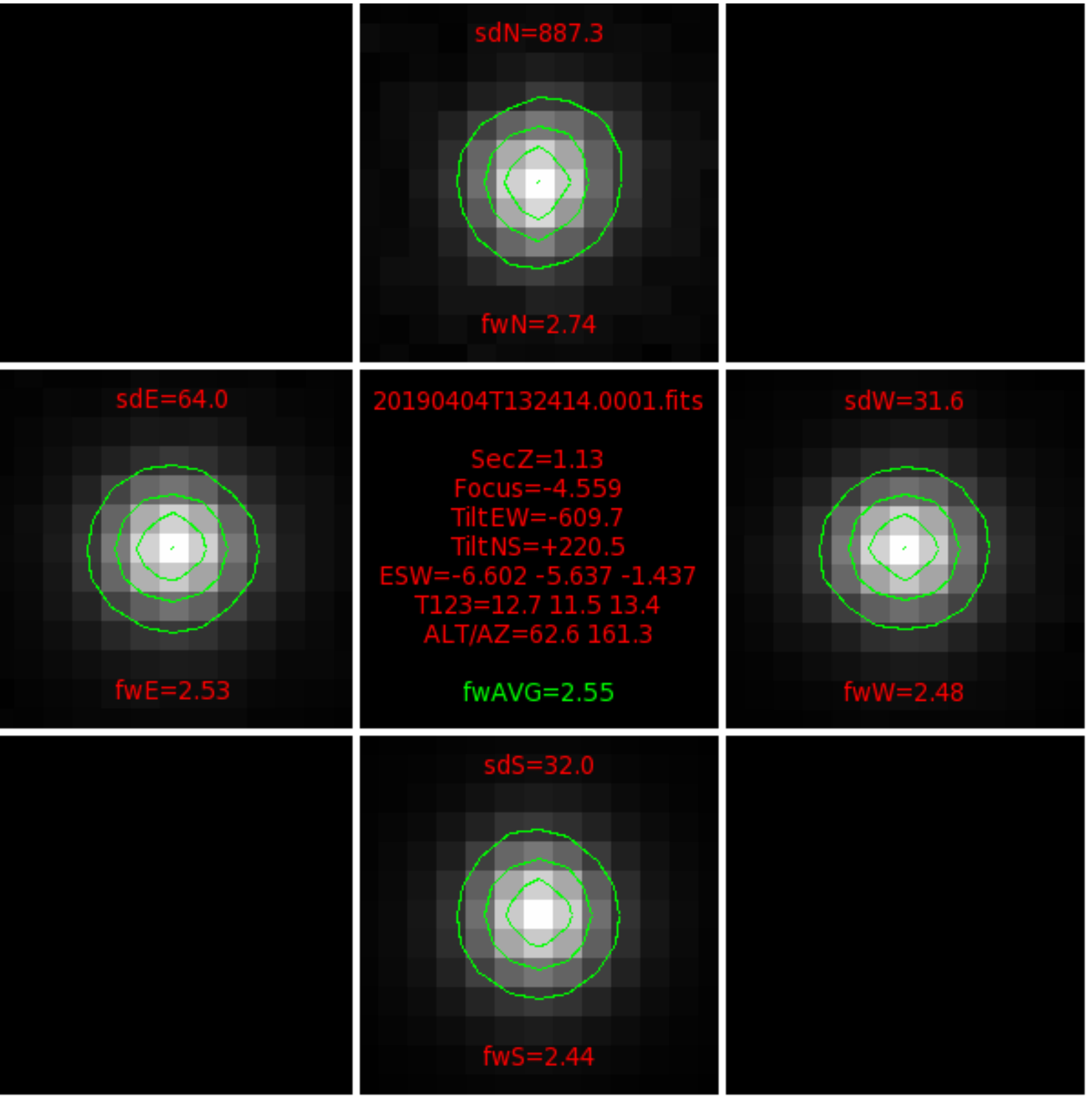

sdN=43.7
fwN=2.06
sdE=33.5
fwE=2.08
20190404T131623.0001.fits
SecZ=1.13
Focus=-4.559
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.602 -5.637 -1.437
T123=12.7 0.0 13.5
ALT/AZ=61.8 161.5
fwAVG=2.04
sdW=83.1
fwW=2.01
sdS=128.0
fwS=2.00
0 0 0 0 0 0 0 0 0

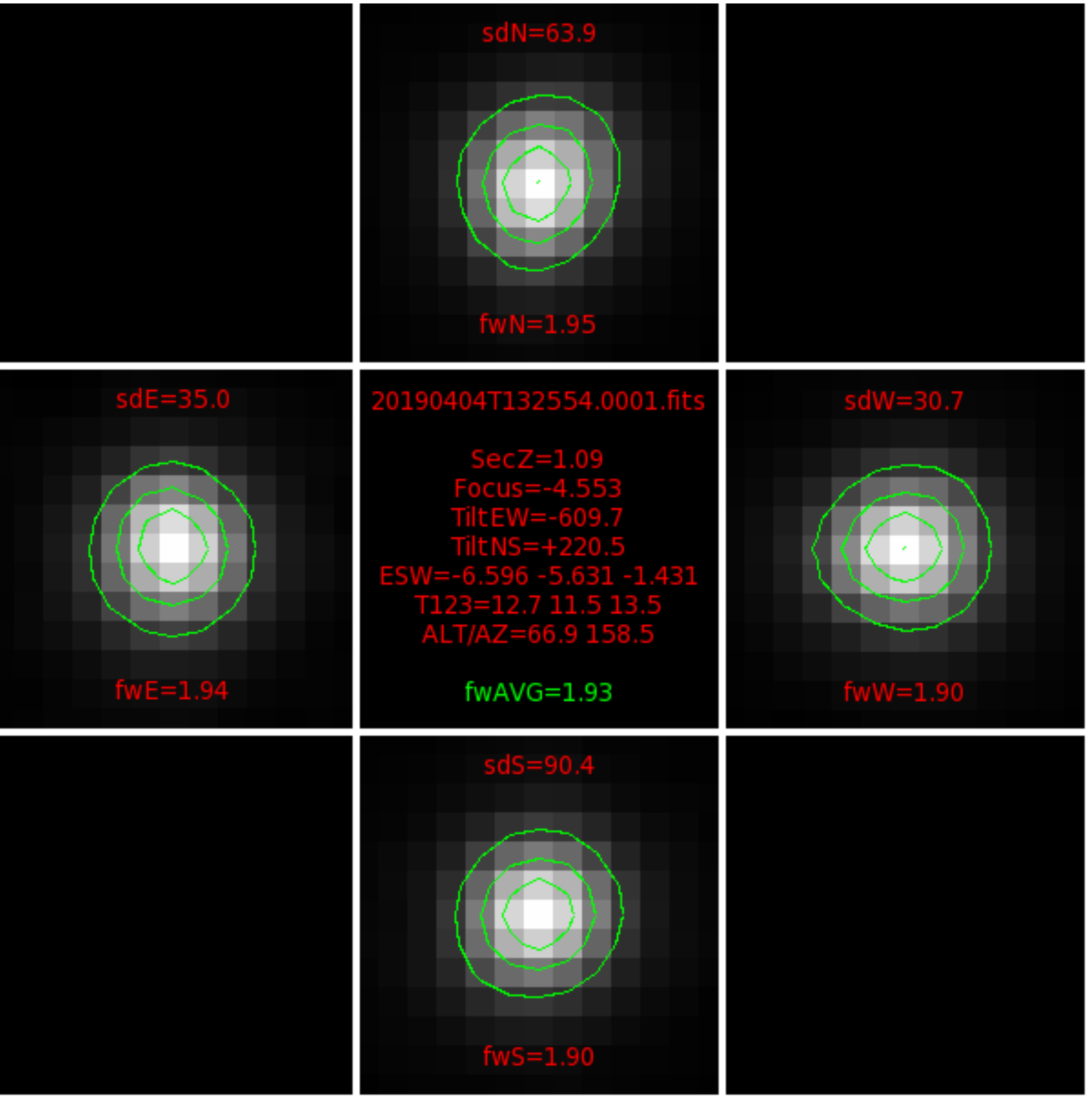

sdN=281.2
fwN=2.50
sdE=68.0
fwE=2.43
20190404T131807.0001.fits
SecZ=1.09
Focus=-4.559
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.602 -5.637 -1.437
T123=12.7 11.6 13.5
ALT/AZ=66.1 158.9
fwAVG=2.47
sdW=233.3
fwW=2.48
sdS=15.4
fwS=2.48
0 0 0 0 0 0 0 0 0

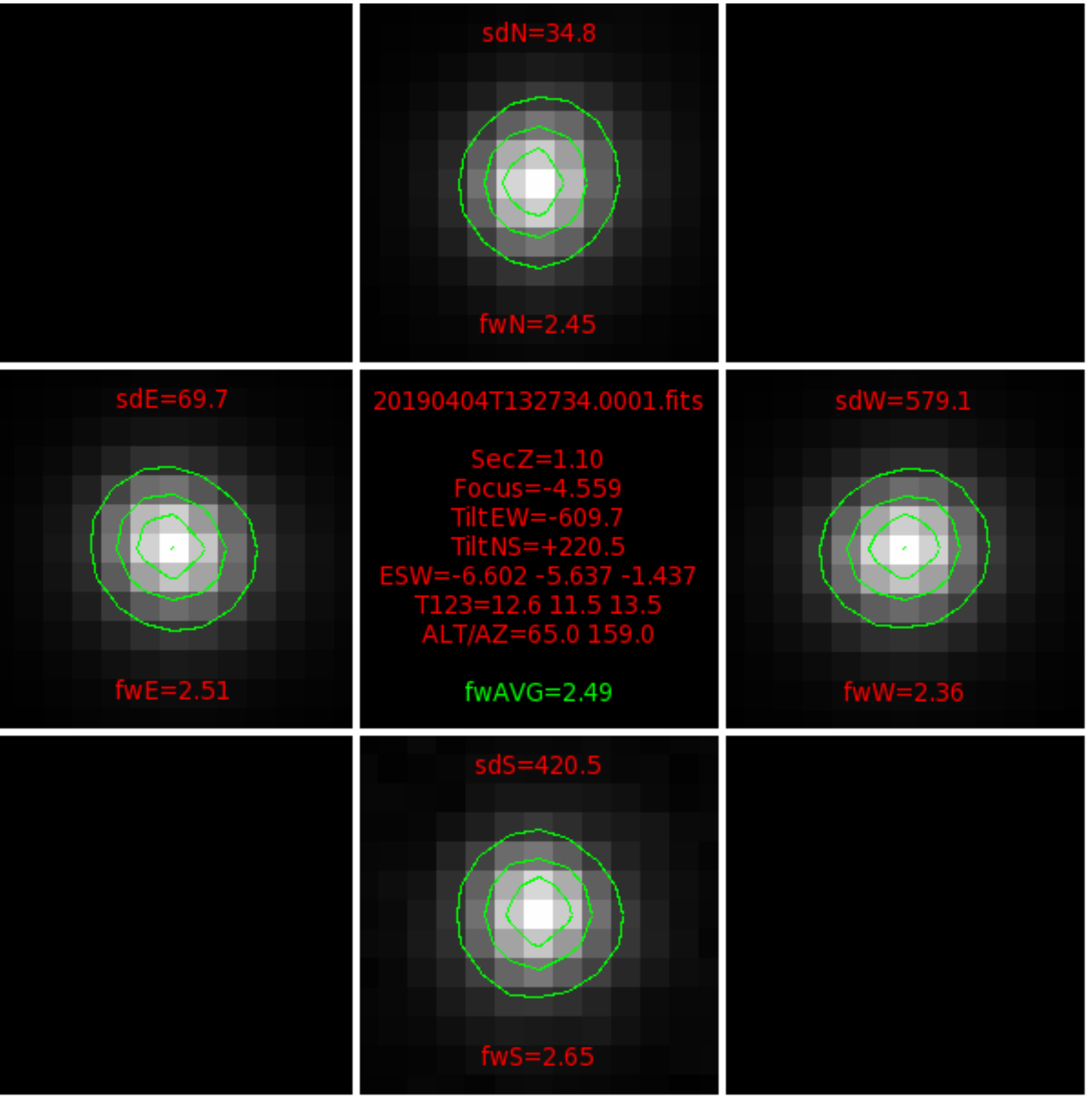

sdN=253.2
fwN=2.50
sdE=40.2
fwE=2.54
20190404T131946.0001.fits
SecZ=1.15
Focus=-4.559
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.602 -5.637 -1.437
T123=12.7 11.5 13.5
ALT/AZ=60.1 162.6
fwAVG=2.55
sdW=15.8
fwW=2.53
sdS=52.0
fwS=2.63
0 0 0 0 0 0 0 0 0

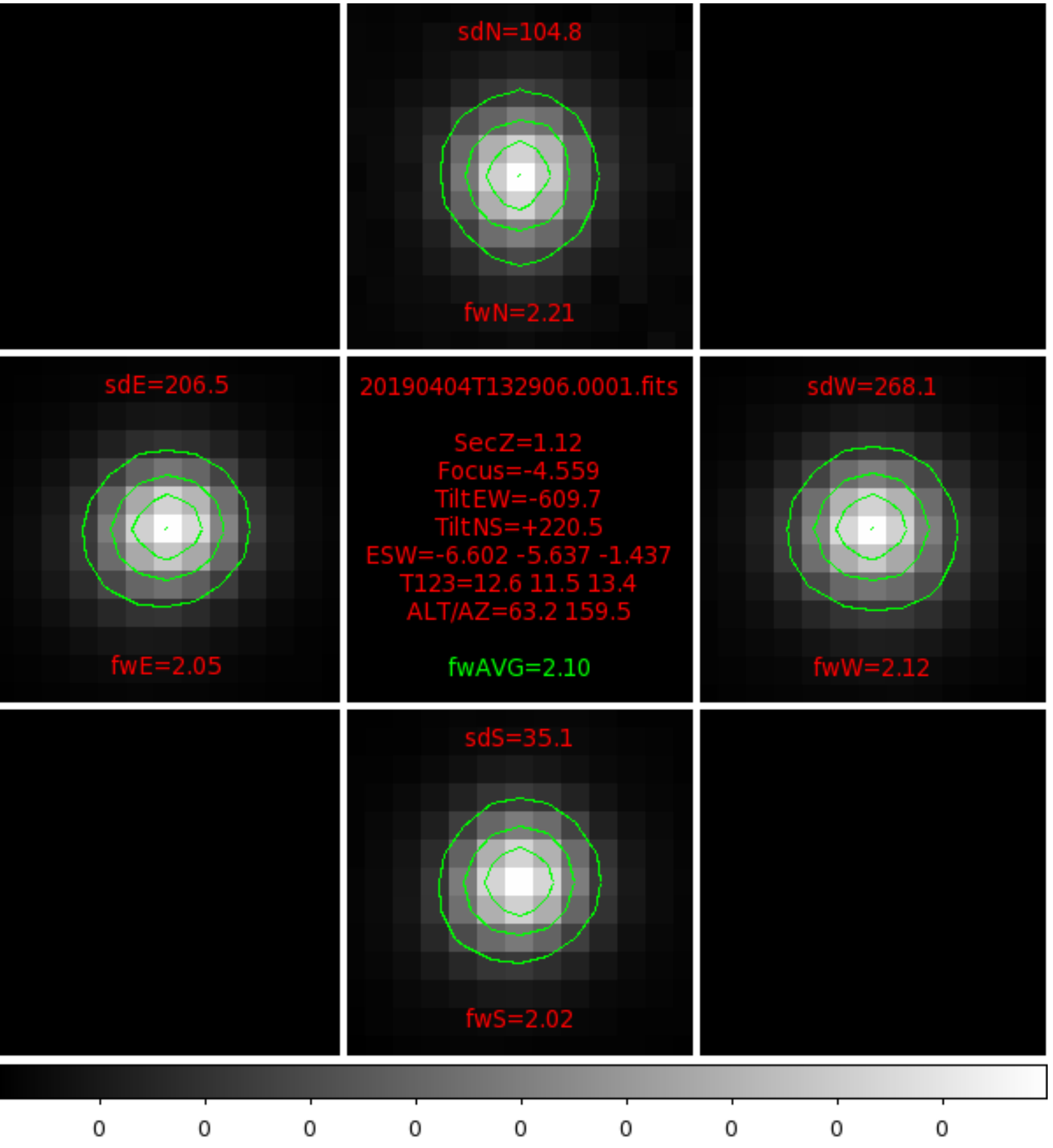

sdN=19.7
fwN=2.41
sdE=39.7
fwE=2.30
20190404T132117.0001.fits
SecZ=1.11
Focus=-4.559
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.602 -5.637 -1.437
T123=12.7 11.5 13.5
ALT/AZ=64.4 160.2
fwAVG=2.40
sdW=861.2
fwW=2.41
sdS=43.8
fwS=2.49
0 0 0 0 0 0 0 0 0

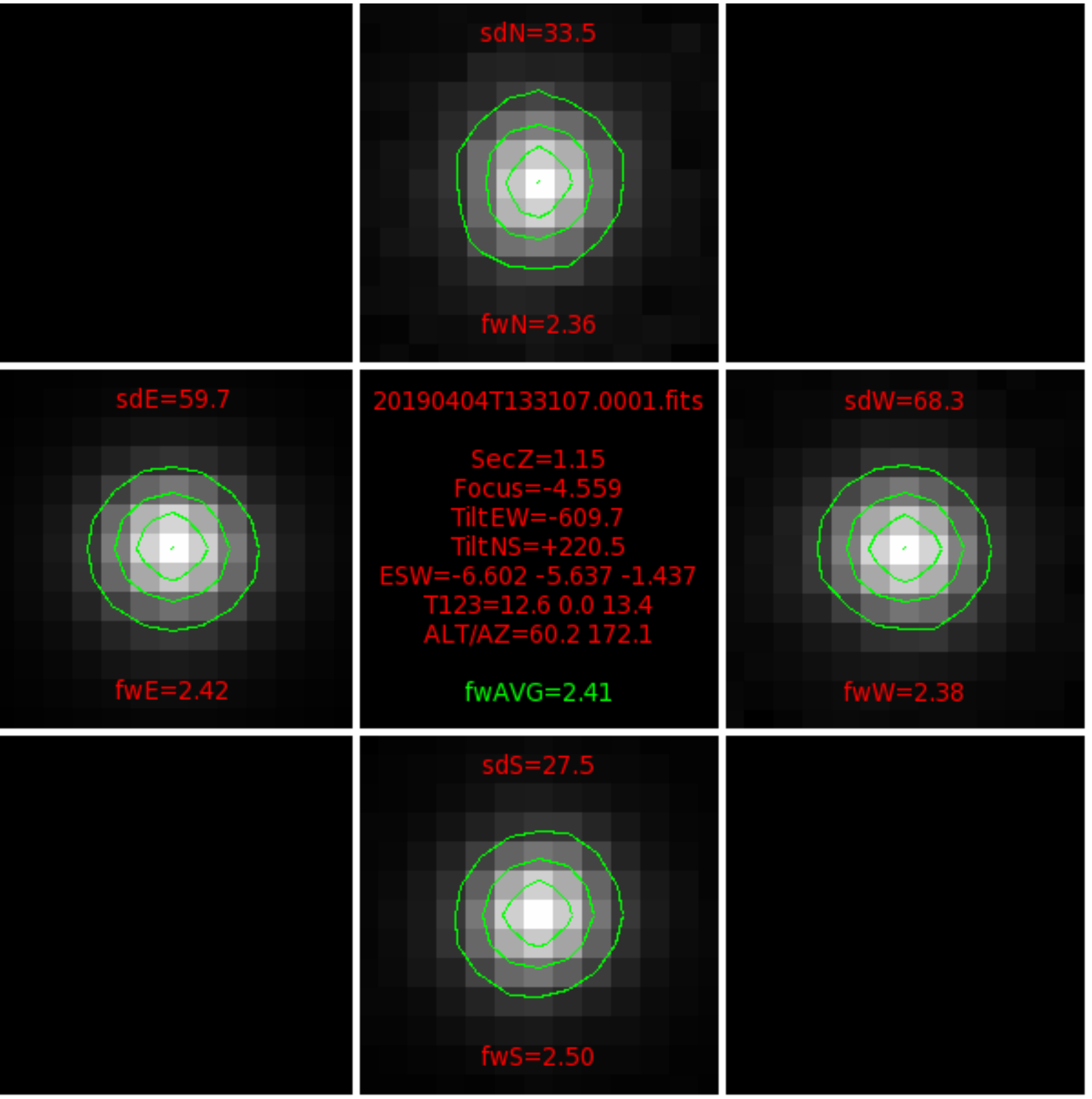

sdN=147.1
fwN=2.20
sdE=154.0
fwE=2.16
20190404T132248.0001.fits
SecZ=1.07
Focus=-4.559
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.602 -5.637 -1.437
T123=12.7 11.6 13.5
ALT/AZ=68.6 156.9
fwAVG=2.17
sdW=271.8
fwW=2.06
sdS=177.7
fwS=2.25
0 0 0 0 0 0 0 0 0

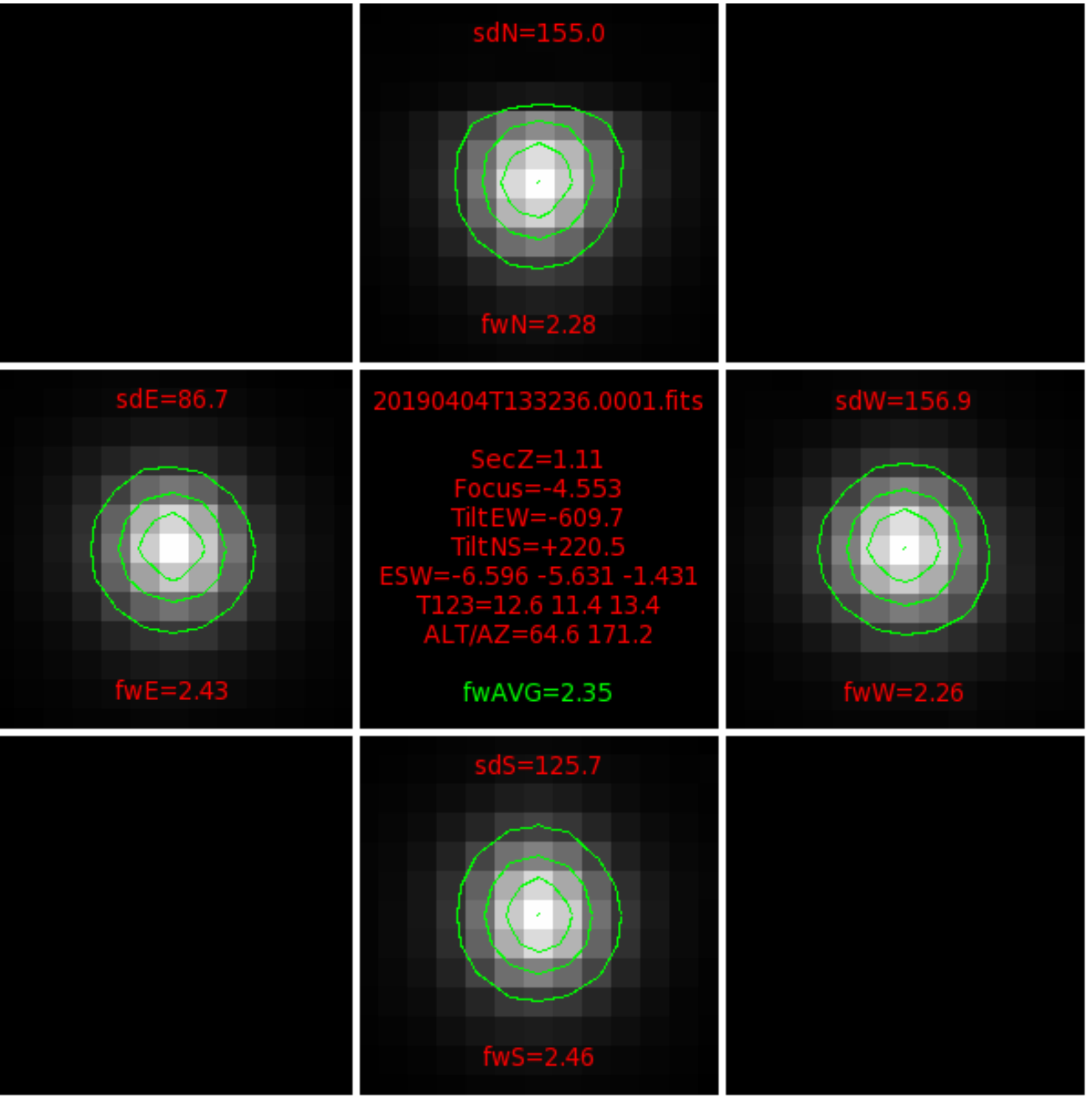

sdN=887.3
fwN=2.74
sdE=64.0
fwE=2.53
20190404T132414.0001.fits
SecZ=1.13
Focus=-4.559
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.602 -5.637 -1.437
T123=12.7 11.5 13.4
ALT/AZ=62.6 161.3
fwAVG=2.55
sdW=31.6
fwW=2.48
sdS=32.0
fwS=2.44
0 0 0 0 0 0 0 0 0

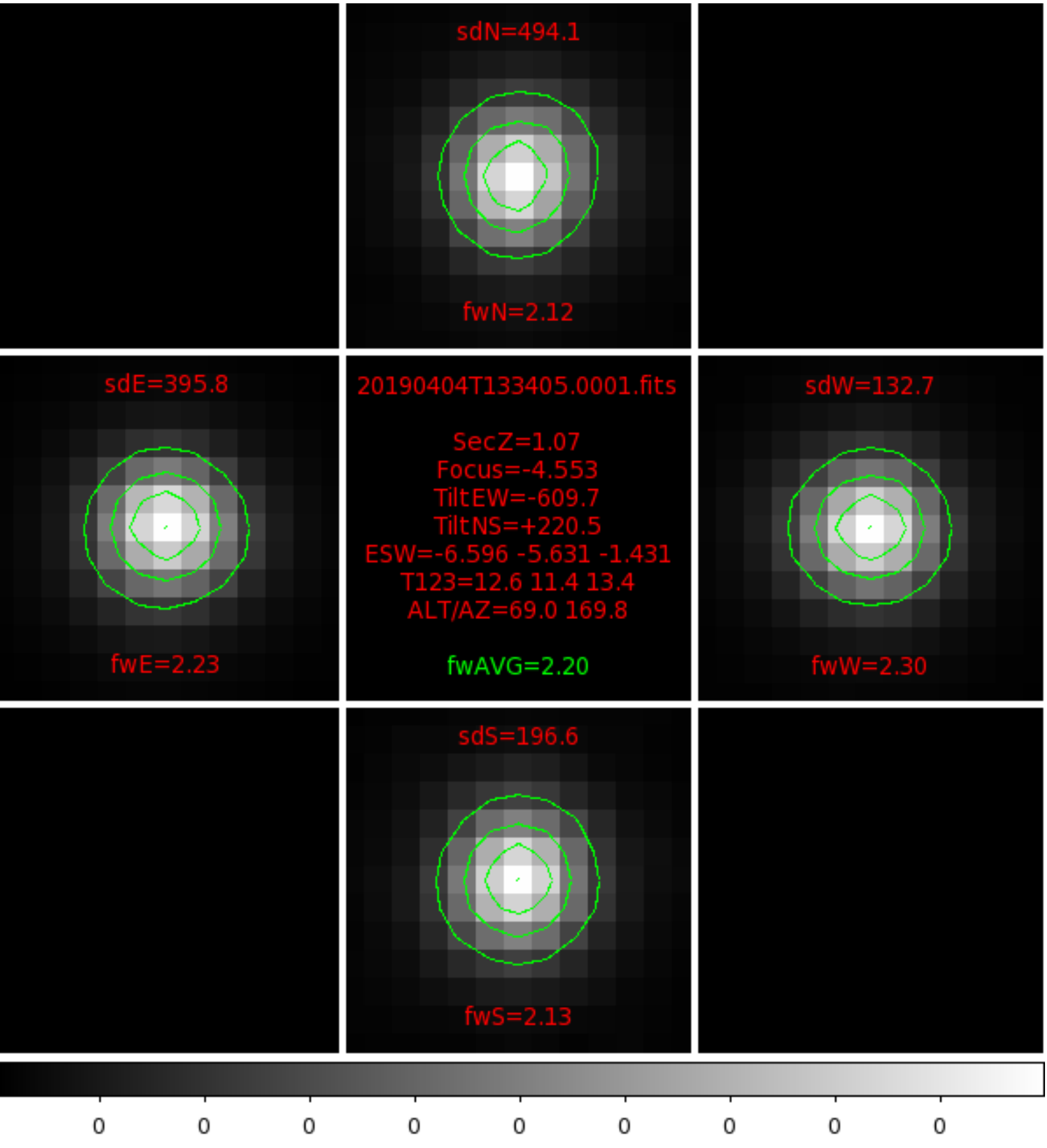

sdN=63.9
fwN=1.95
sdE=35.0
fwE=1.94
20190404T132554.0001.fits
SecZ=1.09
Focus=-4.553
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.596 -5.631 -1.431
T123=12.7 11.5 13.5
ALT/AZ=66.9 158.5
fwAVG=1.93
sdW=30.7
fwW=1.90
sdS=90.4
fwS=1.90
0 0 0 0 0 0 0 0 0

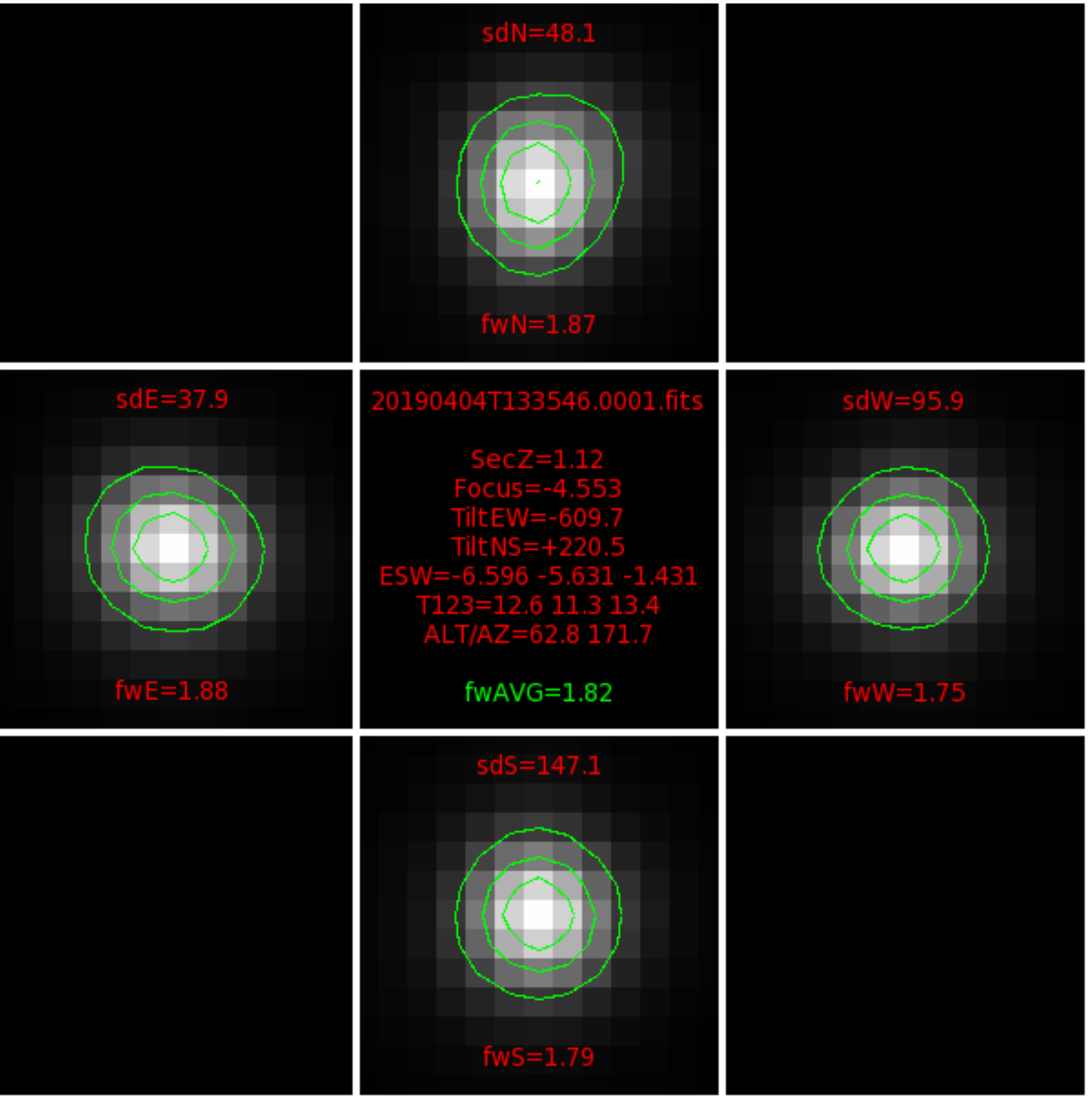

sdN=34.8
fwN=2.45
sdE=69.7
fwE=2.51
20190404T132734.0001.fits
SecZ=1.10
Focus=-4.559
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.602 -5.637 -1.437
T123=12.6 11.5 13.5
ALT/AZ=65.0 159.0
fwAVG=2.49
sdW=579.1
fwW=2.36
sdS=420.5
fwS=2.65
0 0 0 0 0 0 0 0 0

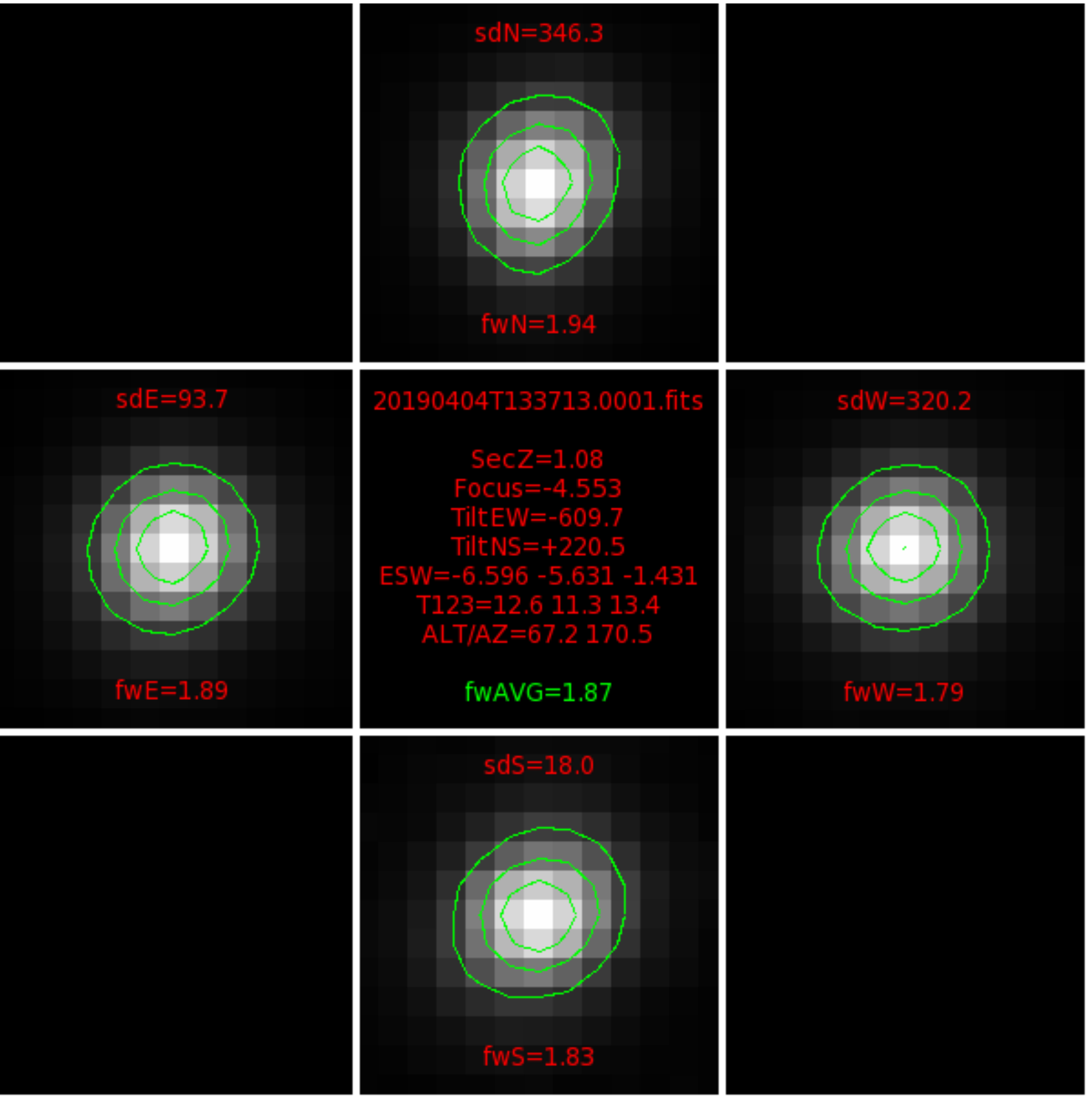

sdN=104.8
fwN=2.21
sdE=206.5
fwE=2.05
20190404T132906.0001.fits
SecZ=1.12
Focus=-4.559
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.602 -5.637 -1.437
T123=12.6 11.5 13.4
ALT/AZ=63.2 159.5
fwAVG=2.10
sdW=268.1
fwW=2.12
sdS=35.1
fwS=2.02
0 0 0 0 0 0 0 0 0

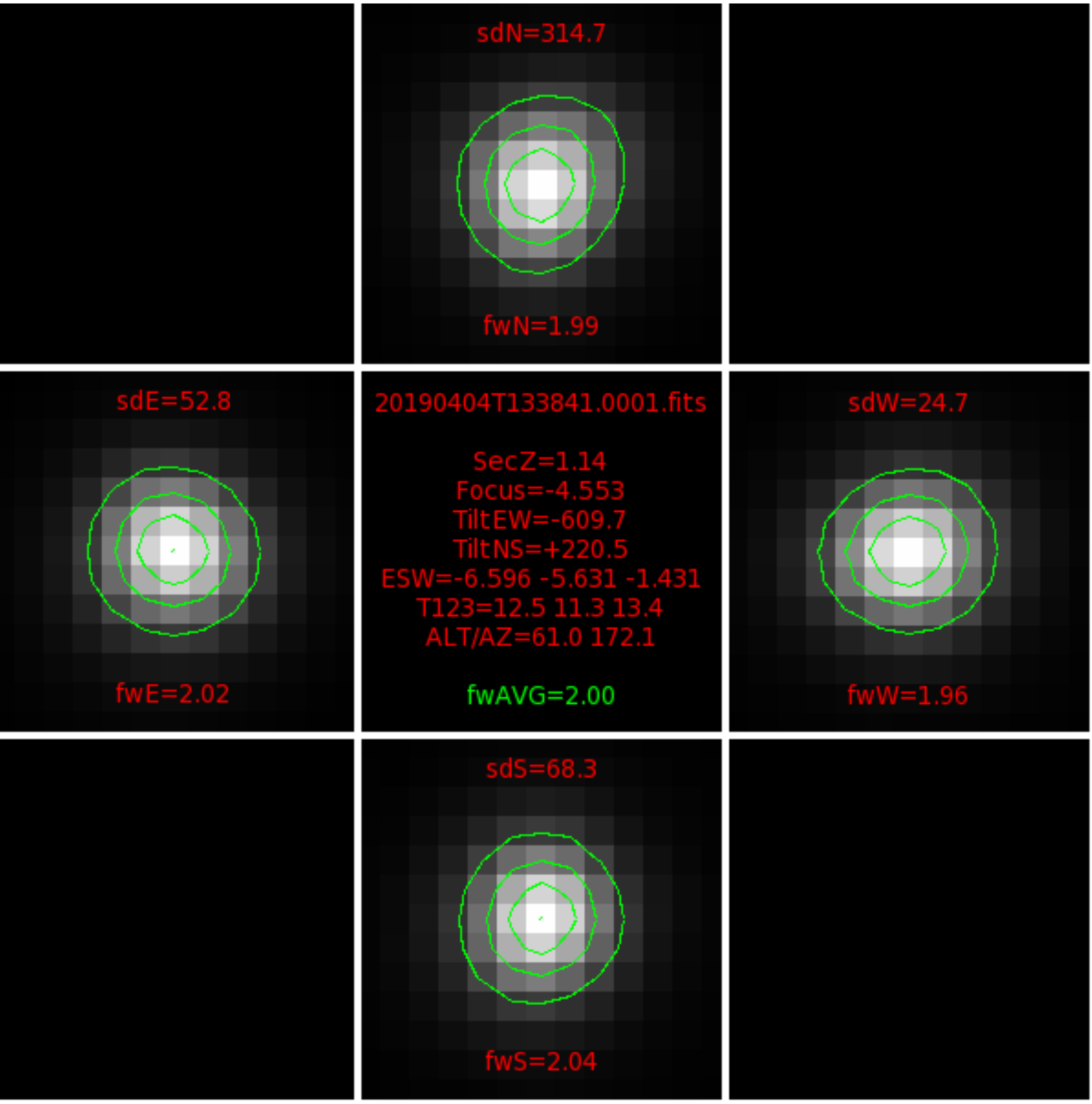

sdN=33.5
fwN=2.36
sdE=59.7
fwE=2.42
20190404T133107.0001.fits
SecZ=1.15
Focus=-4.559
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.602 -5.637 -1.437
T123=12.6 0.0 13.4
ALT/AZ=60.2 172.1
fwAVG=2.41
sdW=68.3
fwW=2.38
sdS=27.5
fwS=2.50
0 0 0 0 0 0 0 0 0

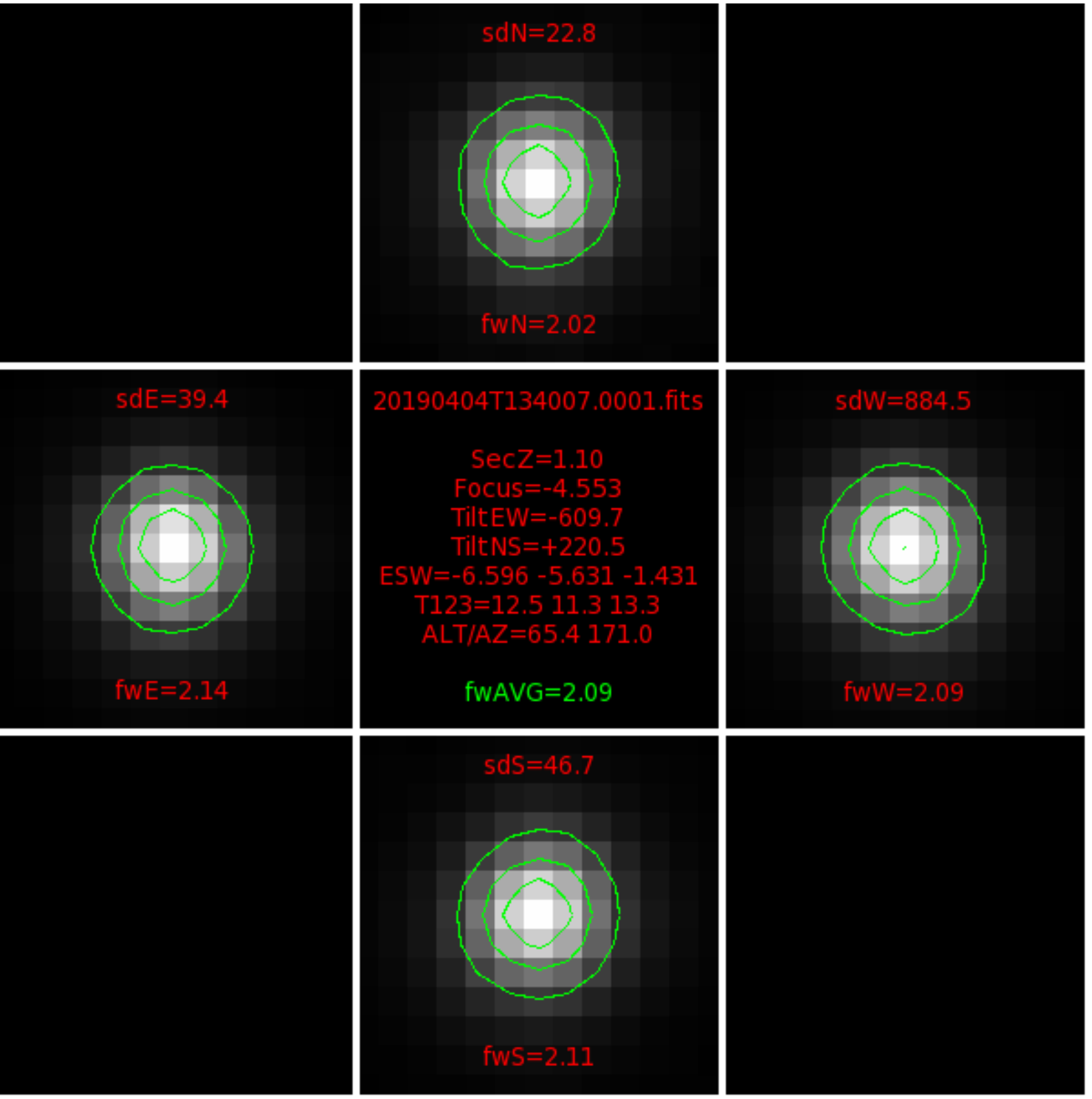

sdN=155.0
fwN=2.28
sdE=86.7
fwE=2.43
20190404T133236.0001.fits
SecZ=1.11
Focus=-4.553
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.596 -5.631 -1.431
T123=12.6 11.4 13.4
ALT/AZ=64.6 171.2
fwAVG=2.35
sdW=156.9
fwW=2.26
sdS=125.7
fwS=2.46
0 0 0 0 0 0 0 0 0

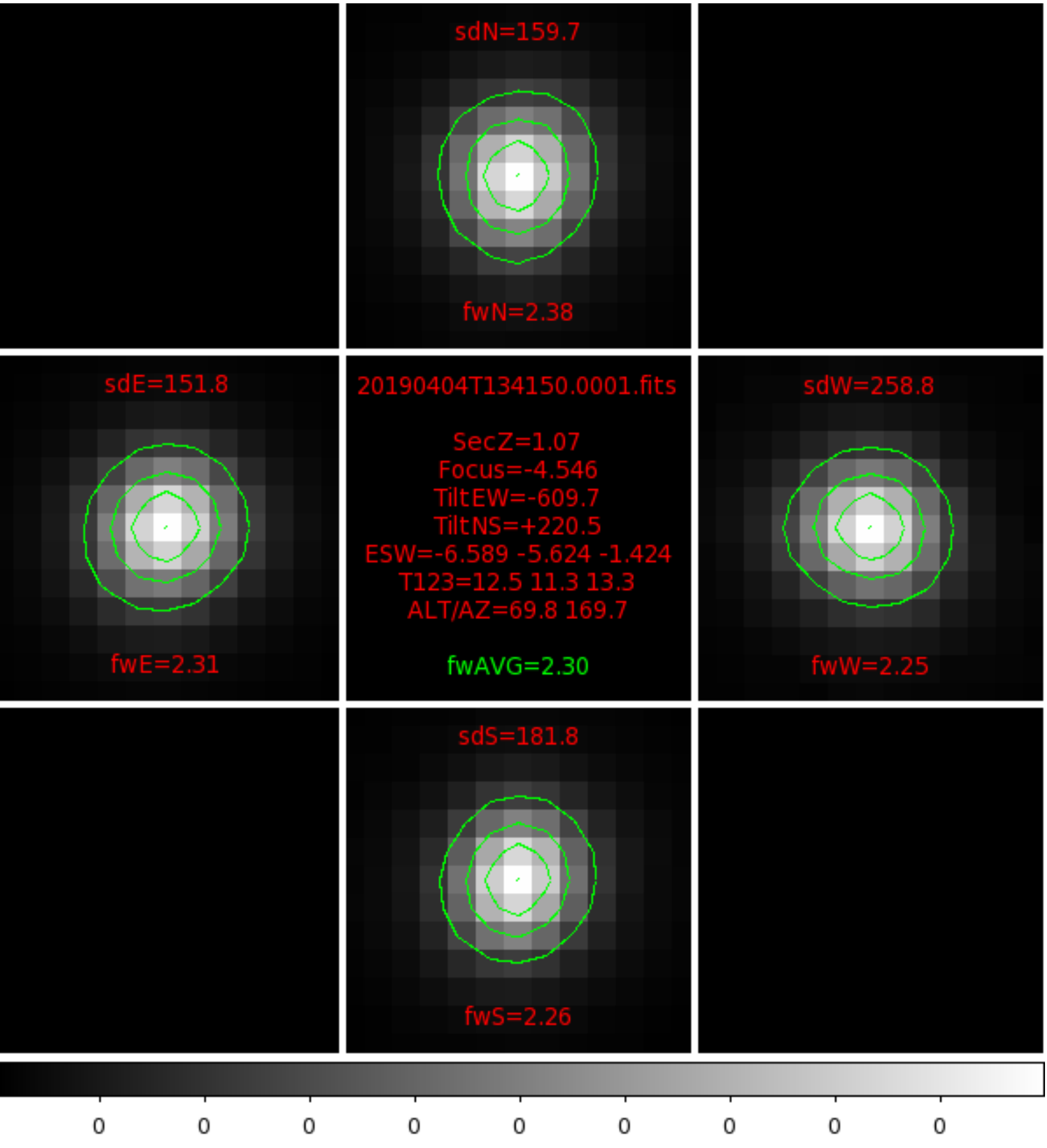

sdN=494.1
fwN=2.12
sdE=395.8
fwE=2.23
20190404T133405.0001.fits
SecZ=1.07
Focus=-4.553
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.596 -5.631 -1.431
T123=12.6 11.4 13.4
ALT/AZ=69.0 169.8
fwAVG=2.20
sdW=132.7
fwW=2.30
sdS=196.6
fwS=2.13
0 0 0 0 0 0 0 0 0

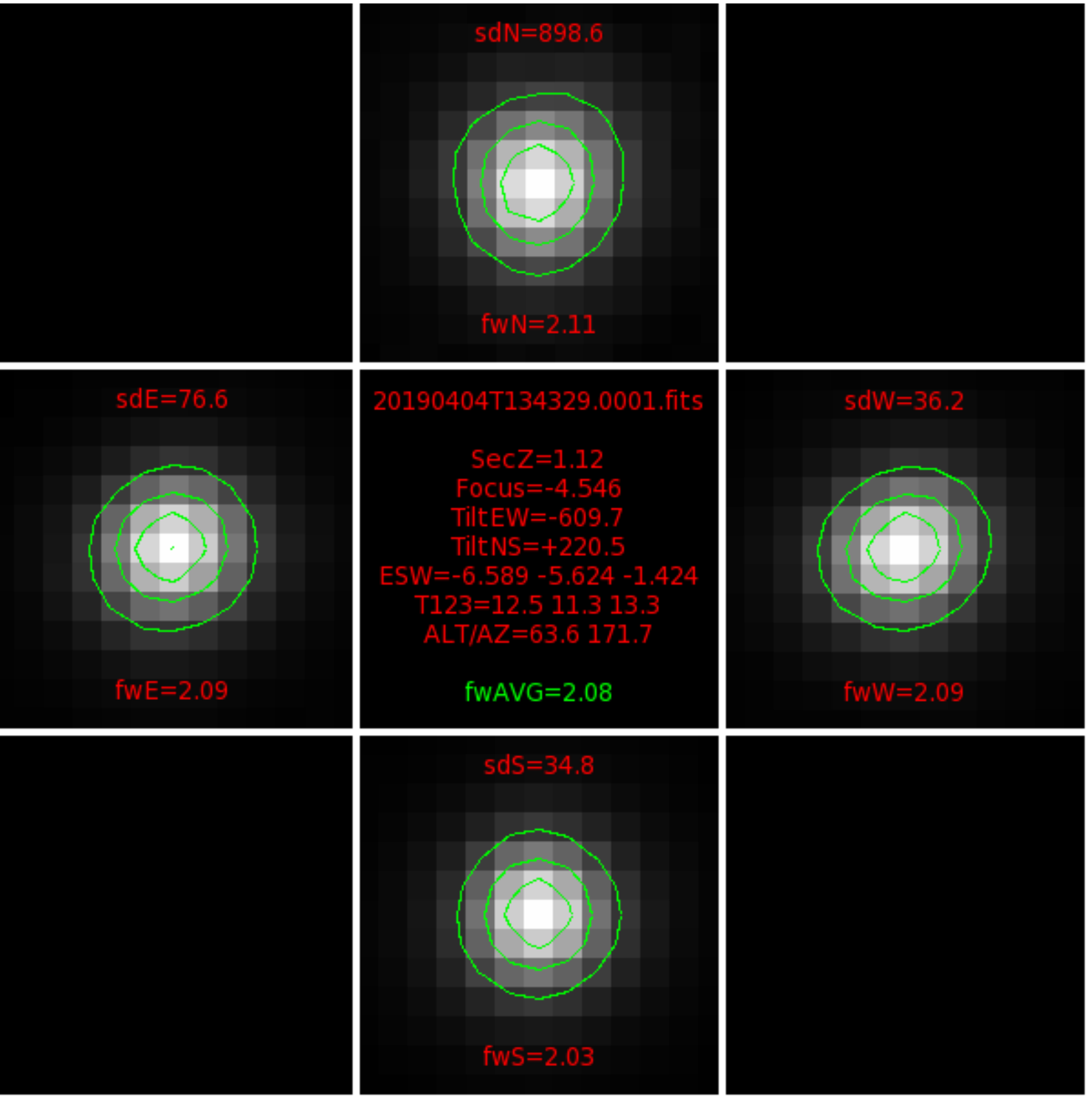

sdN=48.1
fwN=1.87
sdE=37.9
fwE=1.88
20190404T133546.0001.fits
SecZ=1.12
Focus=-4.553
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.596 -5.631 -1.431
T123=12.6 11.3 13.4
ALT/AZ=62.8 171.7
fwAVG=1.82
sdW=95.9
fwW=1.75
sdS=147.1
fwS=1.79
0 0 0 0 0 0 0 0 0

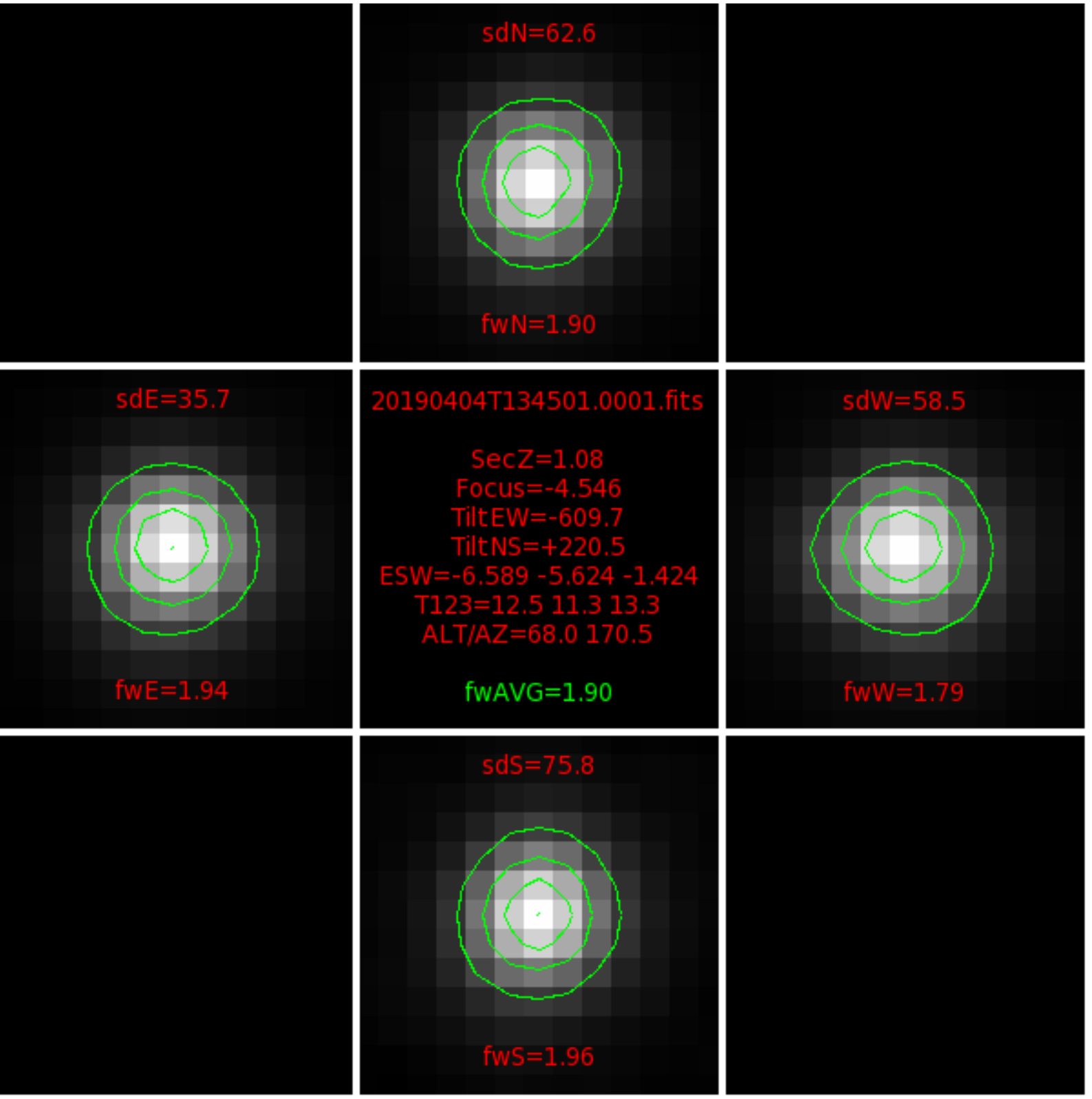

sdN=346.3
fwN=1.94
sdE=93.7
fwE=1.89
20190404T133713.0001.fits
SecZ=1.08
Focus=-4.553
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.596 -5.631 -1.431
T123=12.6 11.3 13.4
ALT/AZ=67.2 170.5
fwAVG=1.87
sdW=320.2
fwW=1.79
sdS=18.0
fwS=1.83
0 0 0 0 0 0 0 0 0

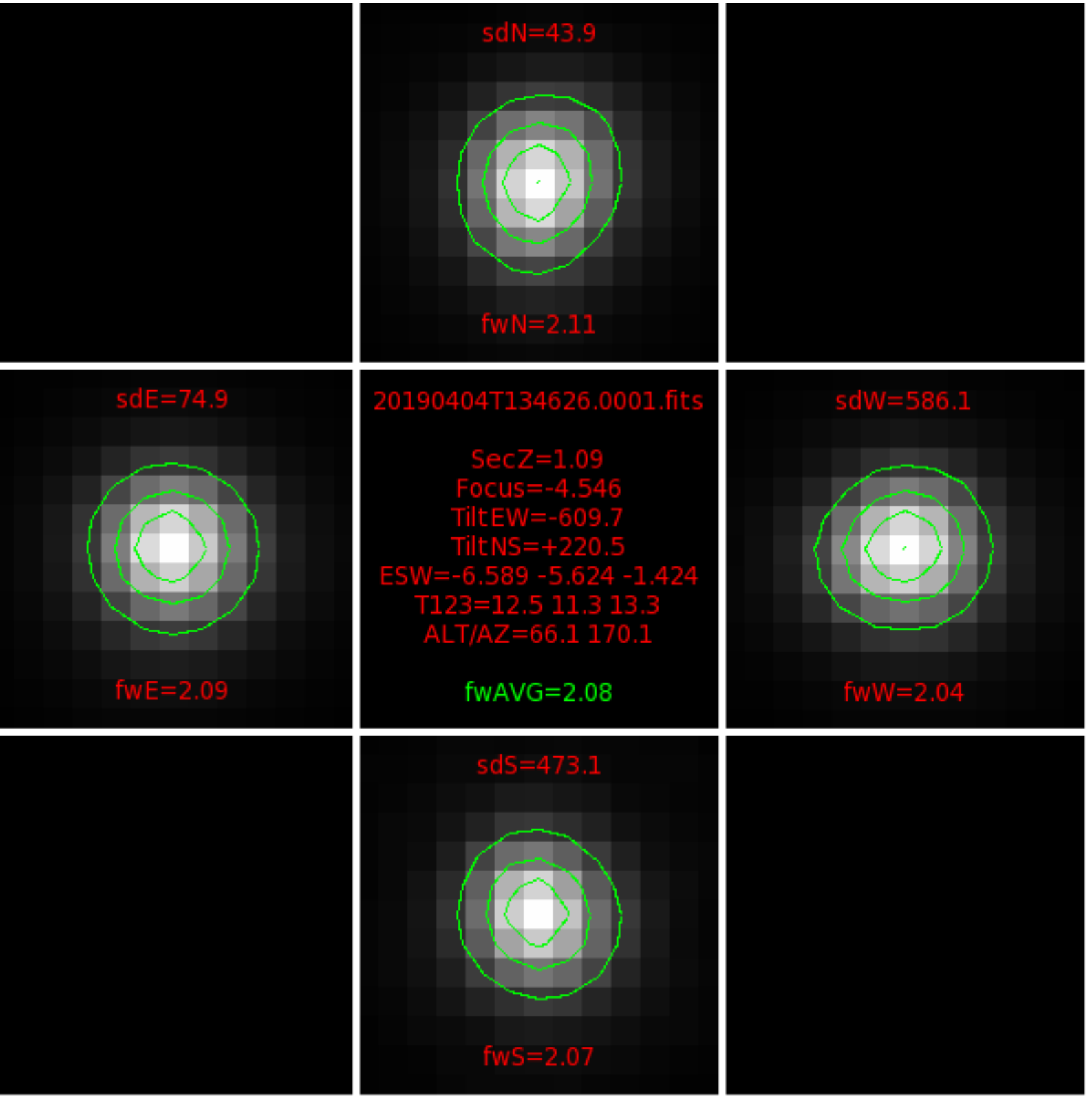

sdN=314.7
fwN=1.99
sdE=52.8
fwE=2.02
20190404T133841.0001.fits
SecZ=1.14
Focus=-4.553
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.596 -5.631 -1.431
T123=12.5 11.3 13.4
ALT/AZ=61.0 172.1
fwAVG=2.00
sdW=24.7
fwW=1.96
sdS=68.3
fwS=2.04
0 0 0 0 0 0 0 0 0

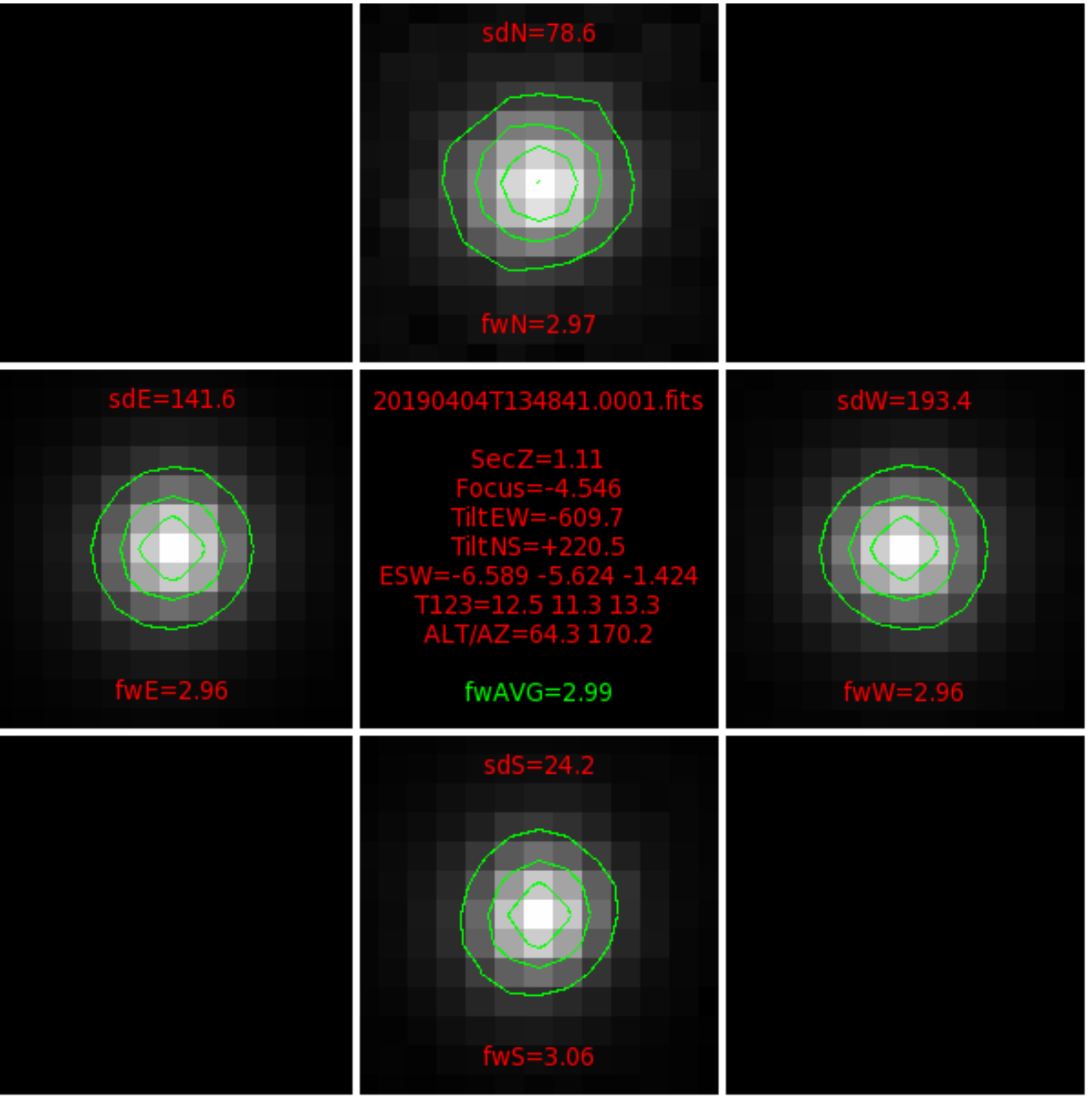

sdN=22.8
fwN=2.02
sdE=39.4
fwE=2.14
20190404T134007.0001.fits
SecZ=1.10
Focus=-4.553
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.596 -5.631 -1.431
T123=12.5 11.3 13.3
ALT/AZ=65.4 171.0
fwAVG=2.09
sdW=884.5
fwW=2.09
sdS=46.7
fwS=2.11
0 0 0 0 0 0 0 0 0

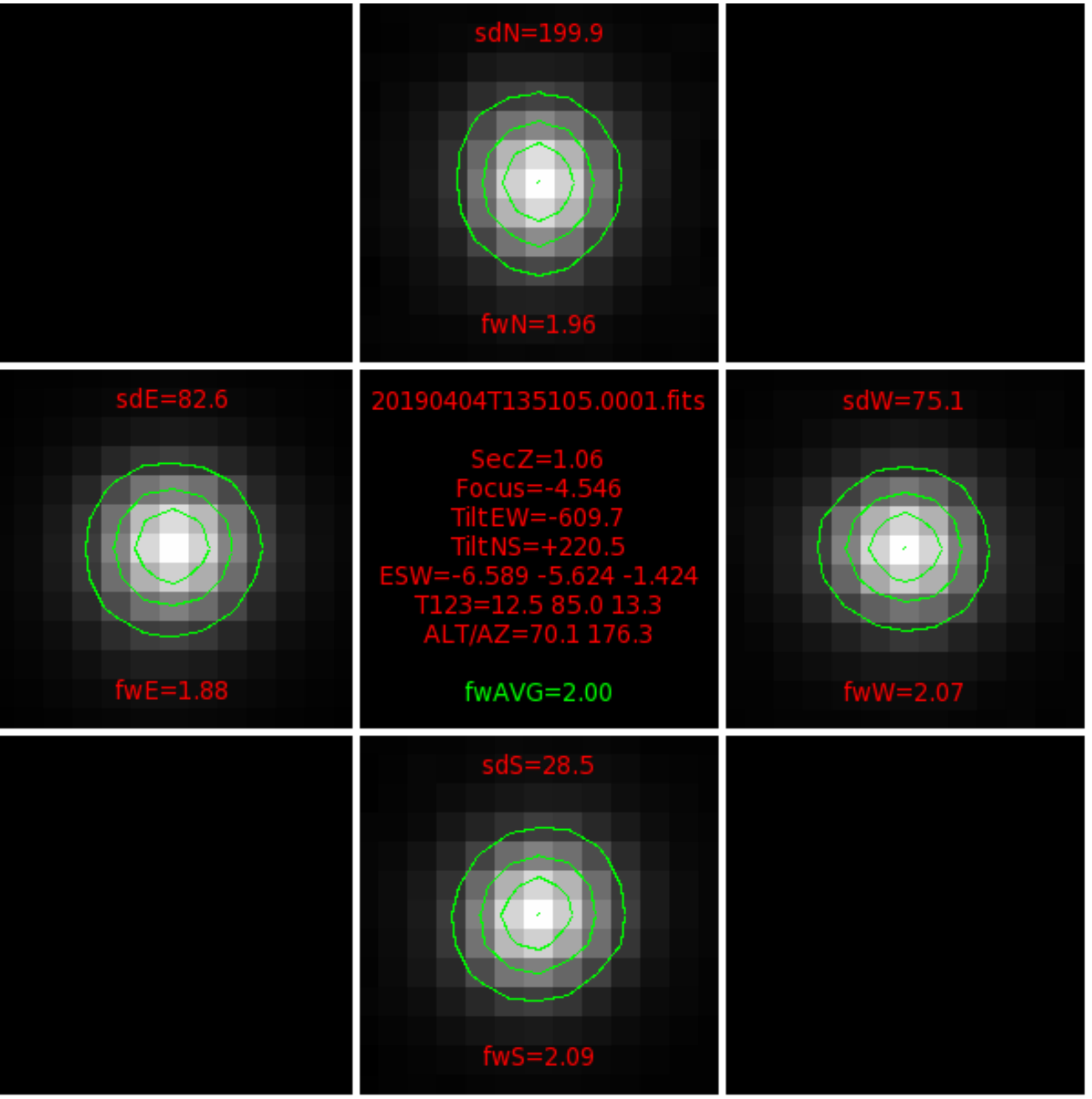

sdN=159.7
fwN=2.38
sdE=151.8
fwE=2.31
20190404T134150.0001.fits
SecZ=1.07
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.5 11.3 13.3
ALT/AZ=69.8 169.7
fwAVG=2.30
sdW=258.8
fwW=2.25
sdS=181.8
fwS=2.26
0 0 0 0 0 0 0 0 0

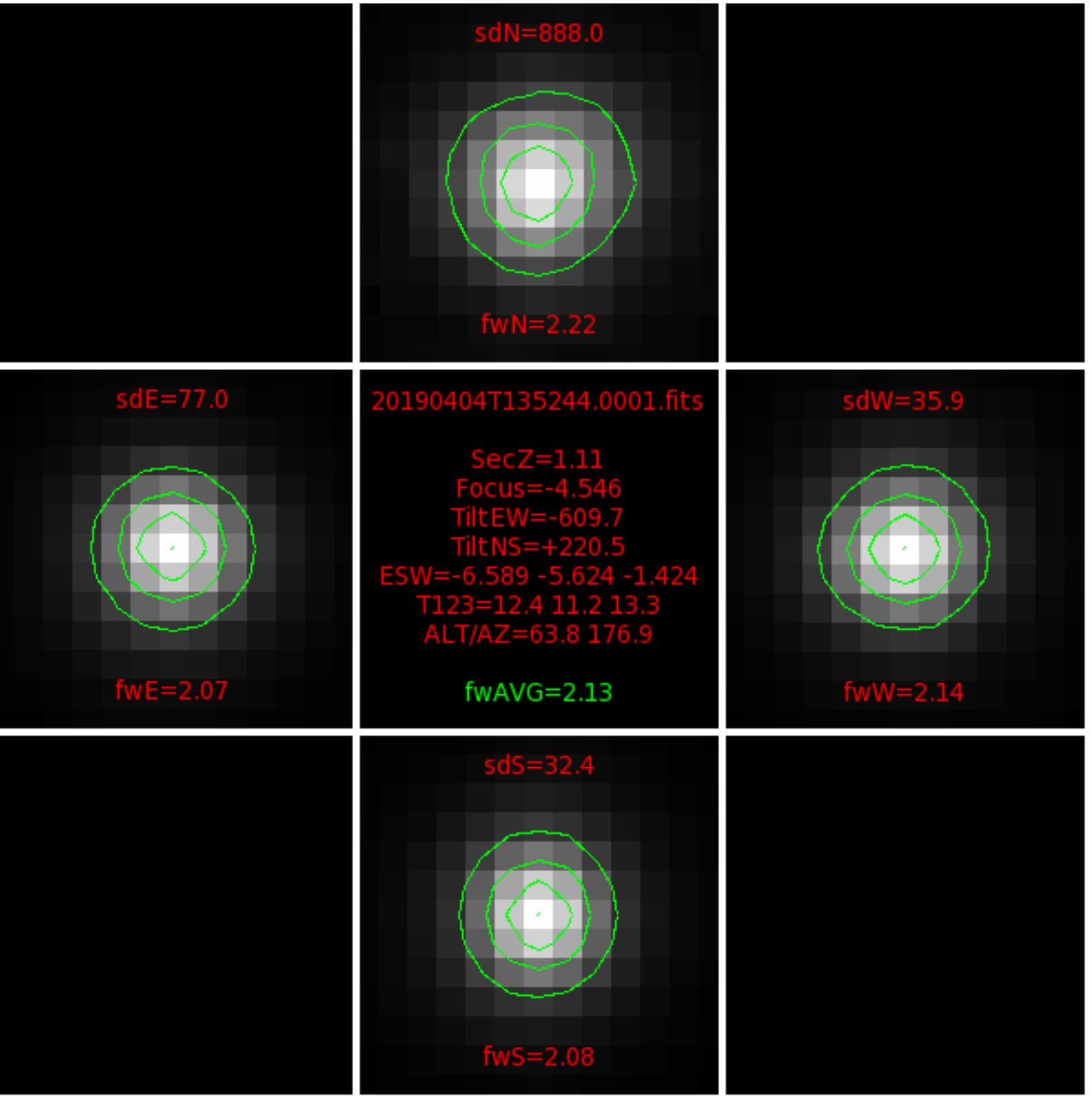

sdN=898.6
fwN=2.11
sdE=76.6
fwE=2.09
20190404T134329.0001.fits
SecZ=1.12
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.5 11.3 13.3
ALT/AZ=63.6 171.7
fwAVG=2.08
sdW=36.2
fwW=2.09
sdS=34.8
fwS=2.03
0 0 0 0 0 0 0 0 0

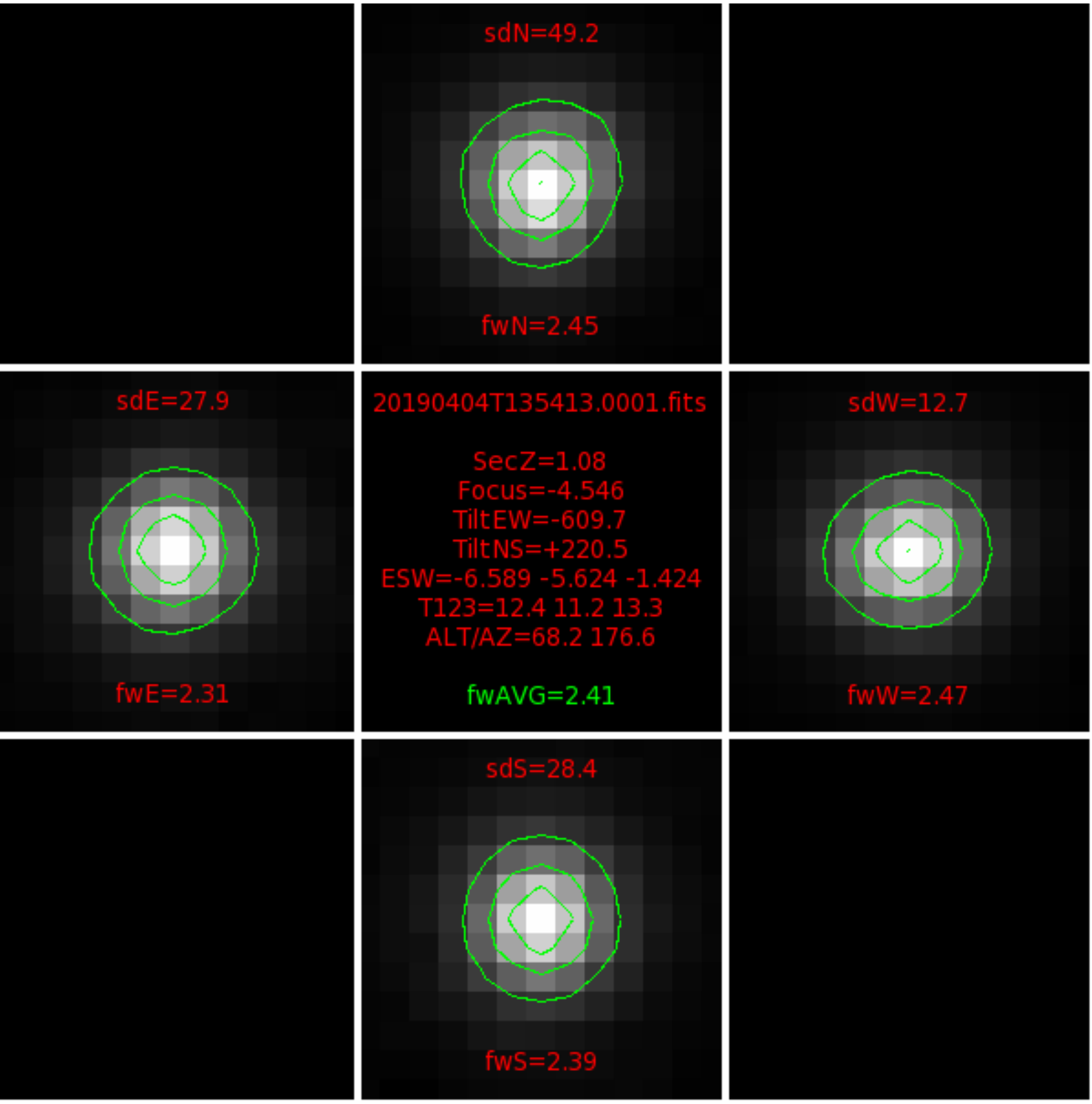

sdN=62.6
fwN=1.90
sdE=35.7
fwE=1.94
20190404T134501.0001.fits
SecZ=1.08
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.5 11.3 13.3
ALT/AZ=68.0 170.5
fwAVG=1.90
sdW=58.5
fwW=1.79
sdS=75.8
fwS=1.96
0 0 0 0 0 0 0 0 0

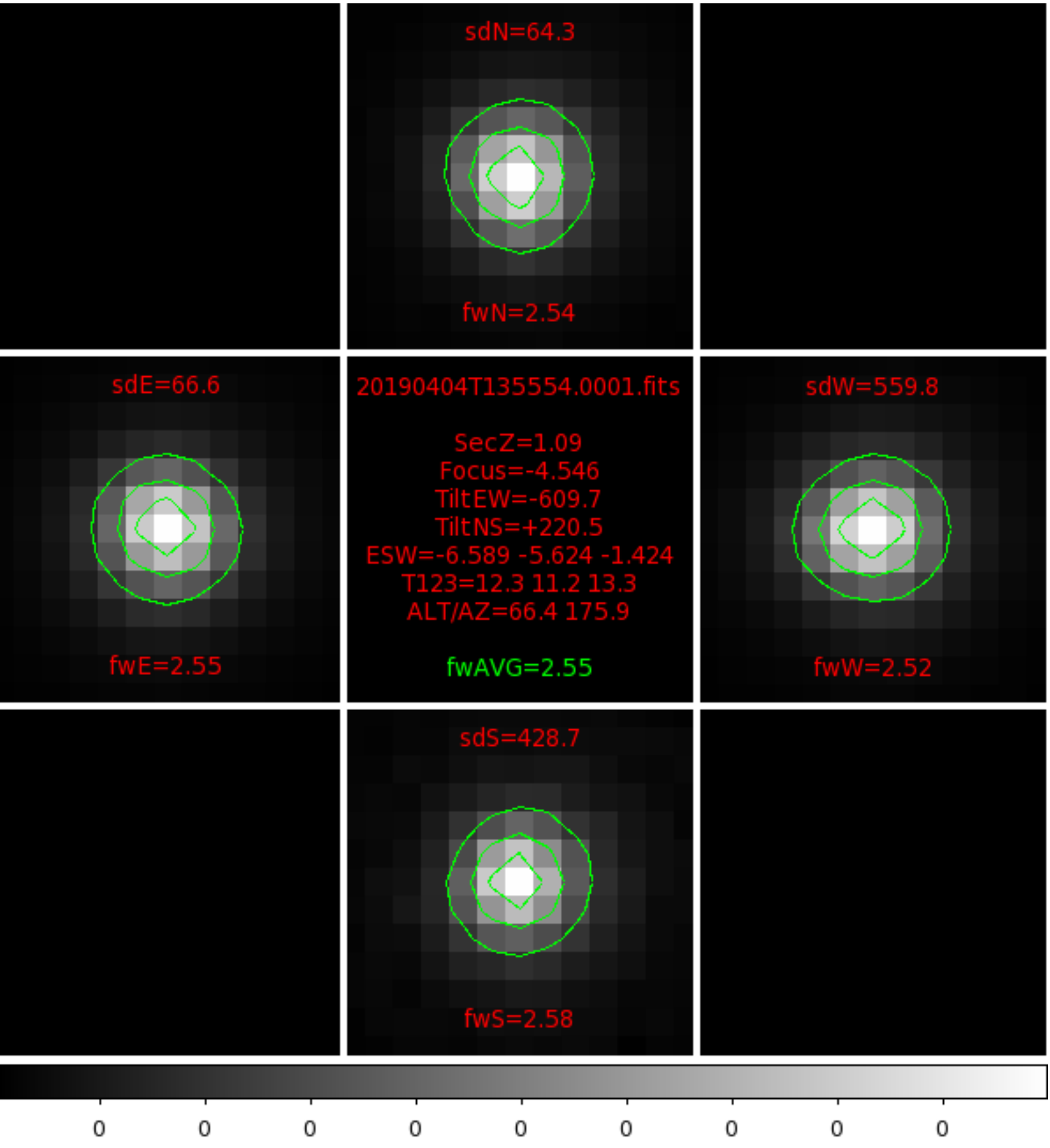

sdN=43.9
fwN=2.11
sdE=74.9
fwE=2.09
20190404T134626.0001.fits
SecZ=1.09
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.5 11.3 13.3
ALT/AZ=66.1 170.1
fwAVG=2.08
sdW=586.1
fwW=2.04
sdS=473.1
fwS=2.07
0 0 0 0 0 0 0 0 0

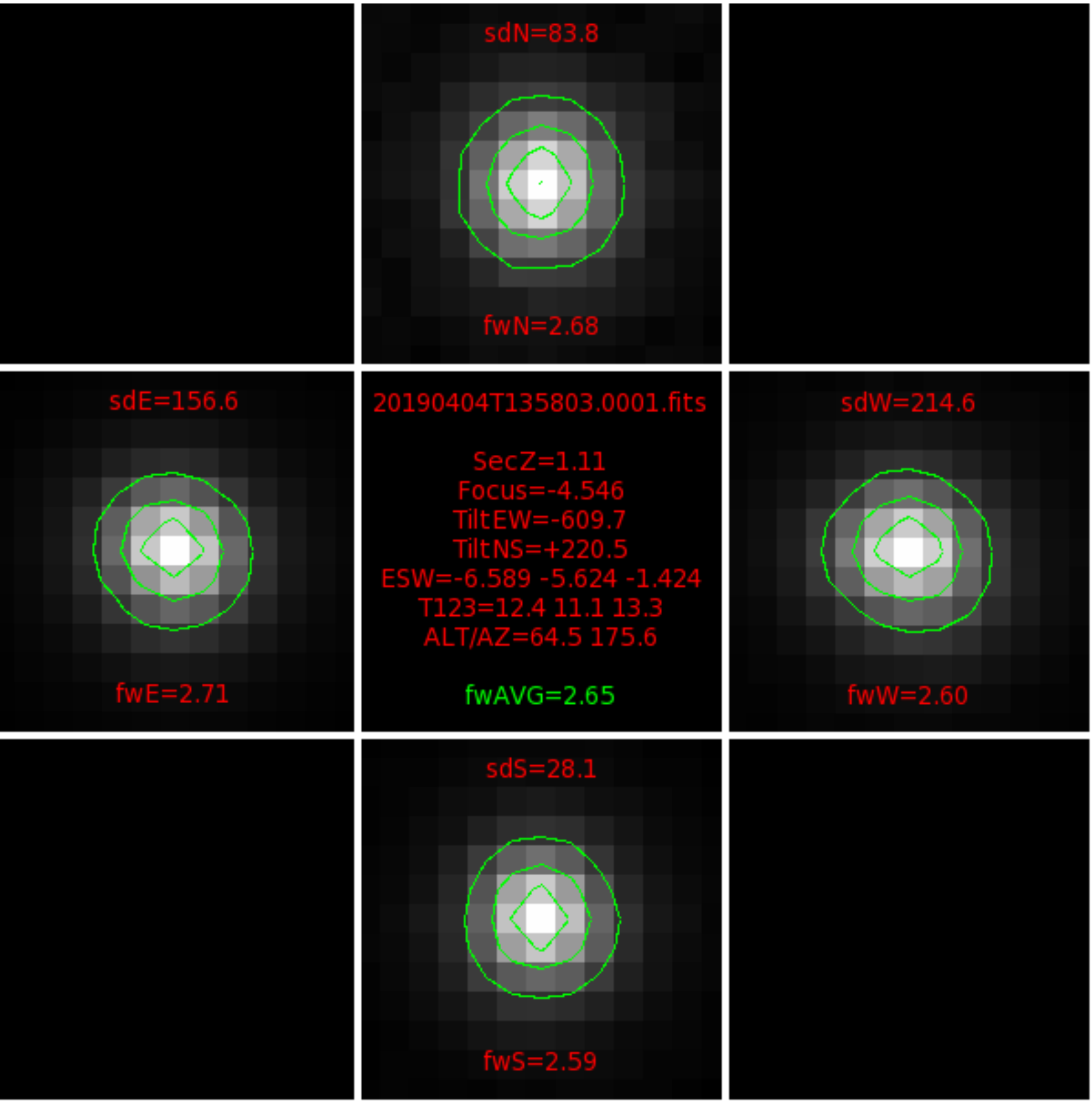

sdN=78.6
fwN=2.97
sdE=141.6
fwE=2.96
20190404T134841.0001.fits
SecZ=1.11
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.5 11.3 13.3
ALT/AZ=64.3 170.2
fwAVG=2.99
sdW=193.4
fwW=2.96
sdS=24.2
fwS=3.06
0 0 0 0 0 0 0 0 0

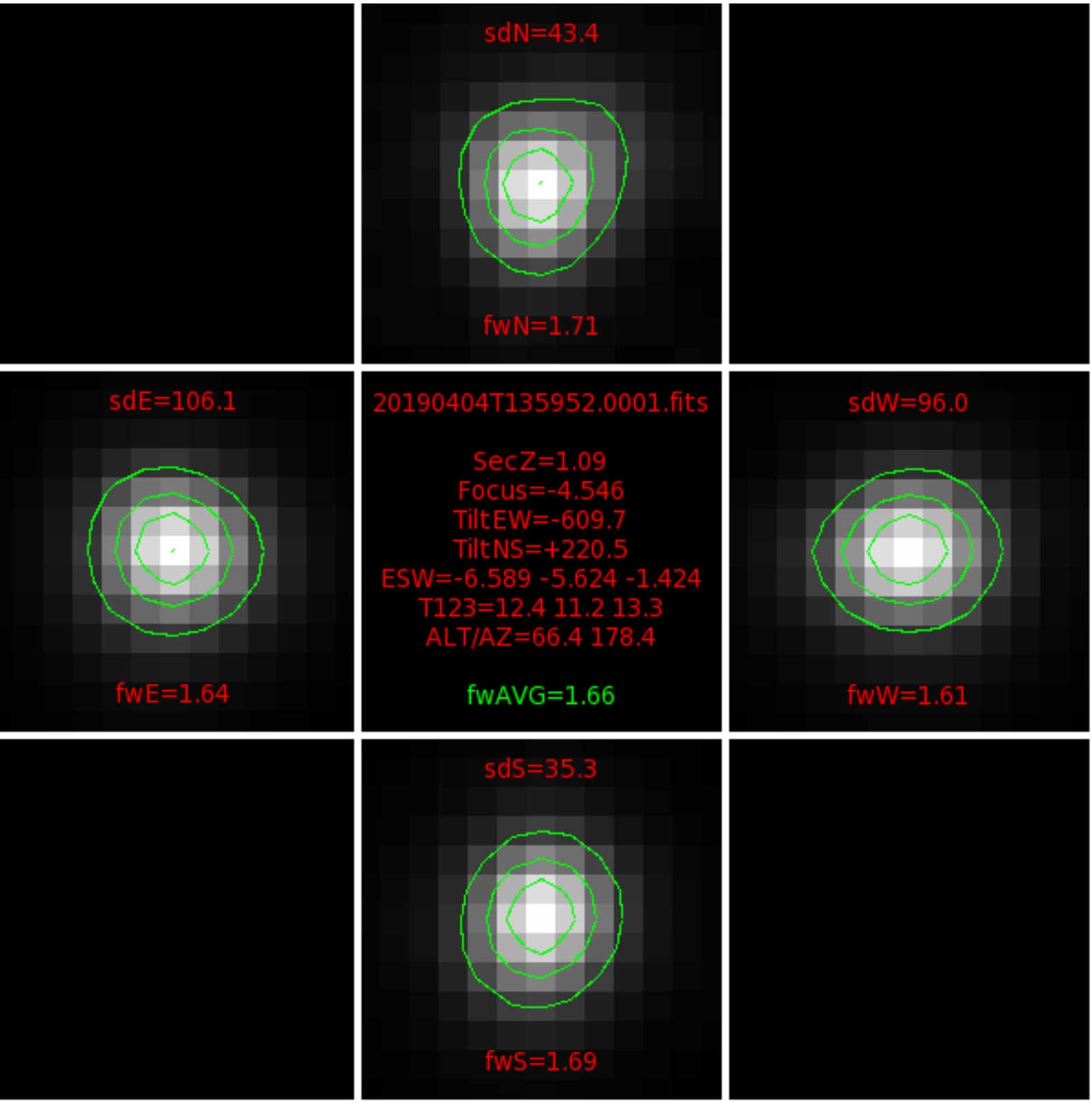

sdN=199.9
fwN=1.96
sdE=82.6
fwE=1.88
20190404T135105.0001.fits
SecZ=1.06
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.5 85.0 13.3
ALT/AZ=70.1 176.3
fwAVG=2.00
sdW=75.1
fwW=2.07
sdS=28.5
fwS=2.09
0 0 0 0 0 0 0 0 0

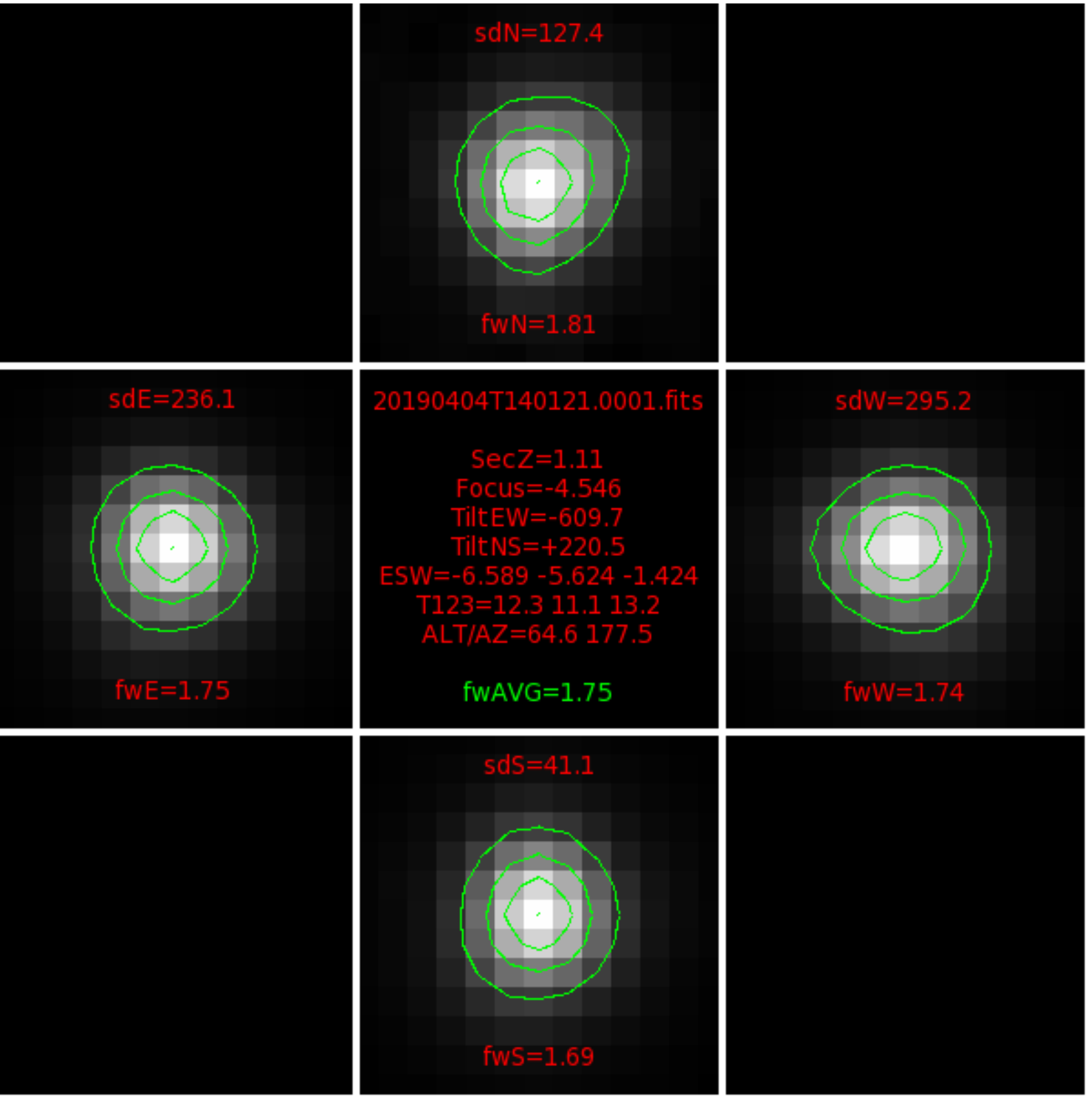

sdN=888.0
fwN=2.22
sdE=77.0
fwE=2.07
20190404T135244.0001.fits
SecZ=1.11
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.4 11.2 13.3
ALT/AZ=63.8 176.9
fwAVG=2.13
sdW=35.9
fwW=2.14
sdS=32.4
fwS=2.08
0 0 0 0 0 0 0 0 0

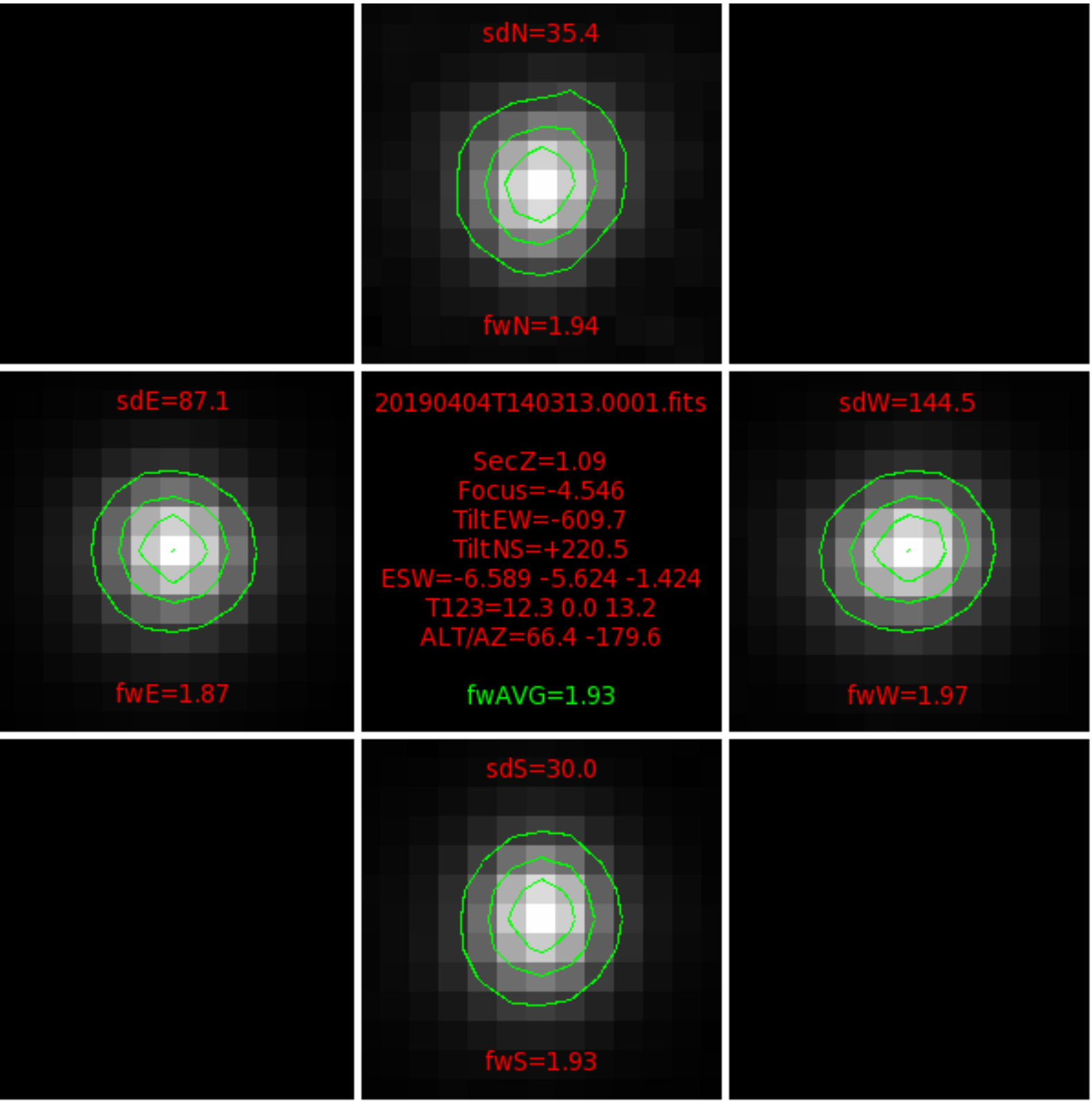

sdN=49.2
fwN=2.45
sdE=27.9
fwE=2.31
20190404T135413.0001.fits
SecZ=1.08
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.4 11.2 13.3
ALT/AZ=68.2 176.6
fwAVG=2.41
sdW=12.7
fwW=2.47
sdS=28.4
fwS=2.39
0 0 0 0 0 0 0 0 0

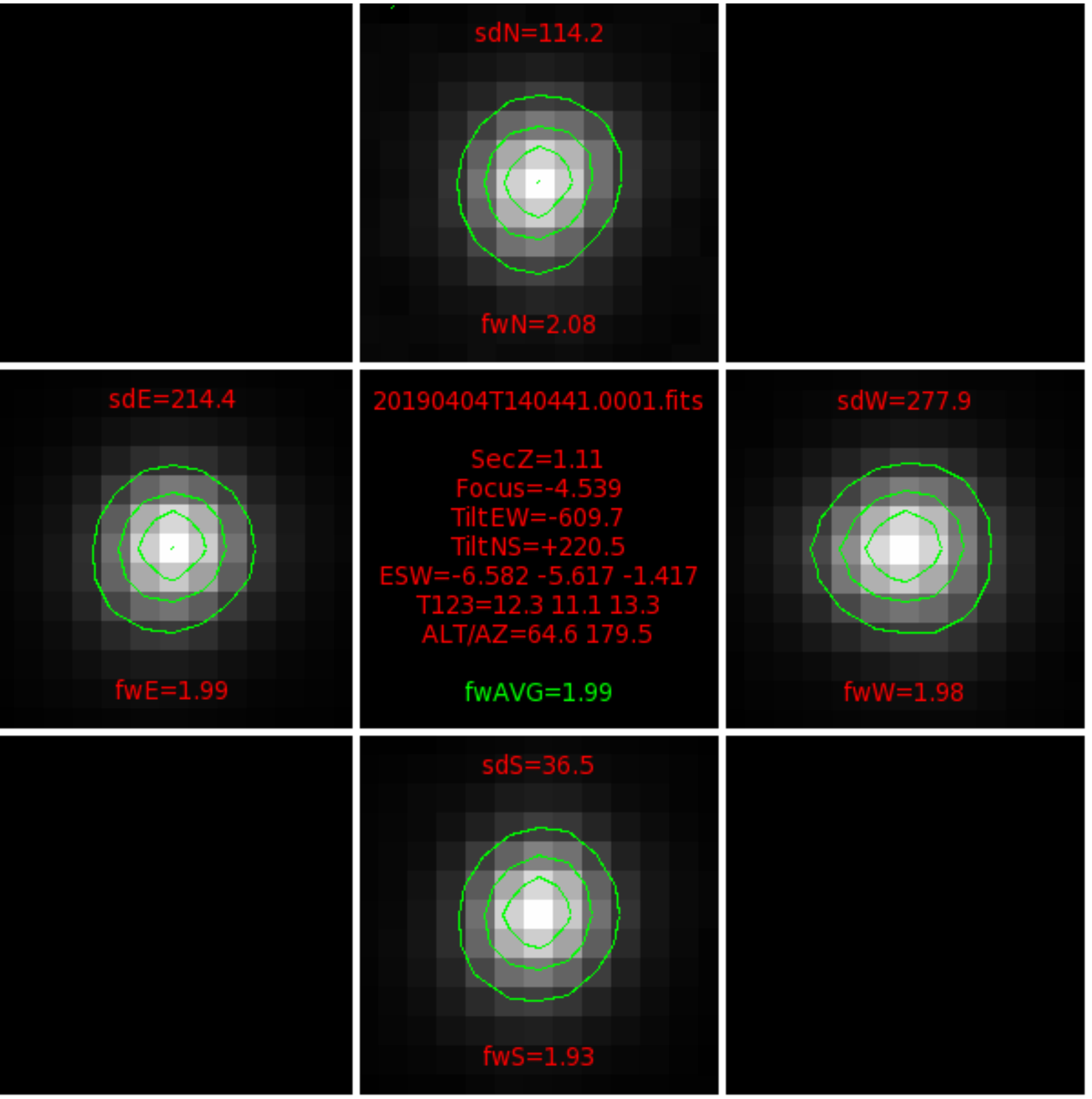

sdN=64.3
fwN=2.54
sdE=66.6
fwE=2.55
20190404T135554.0001.fits
SecZ=1.09
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.3 11.2 13.3
ALT/AZ=66.4 175.9
fwAVG=2.55
sdW=559.8
fwW=2.52
sdS=428.7
fwS=2.58
0 0 0 0 0 0 0 0 0

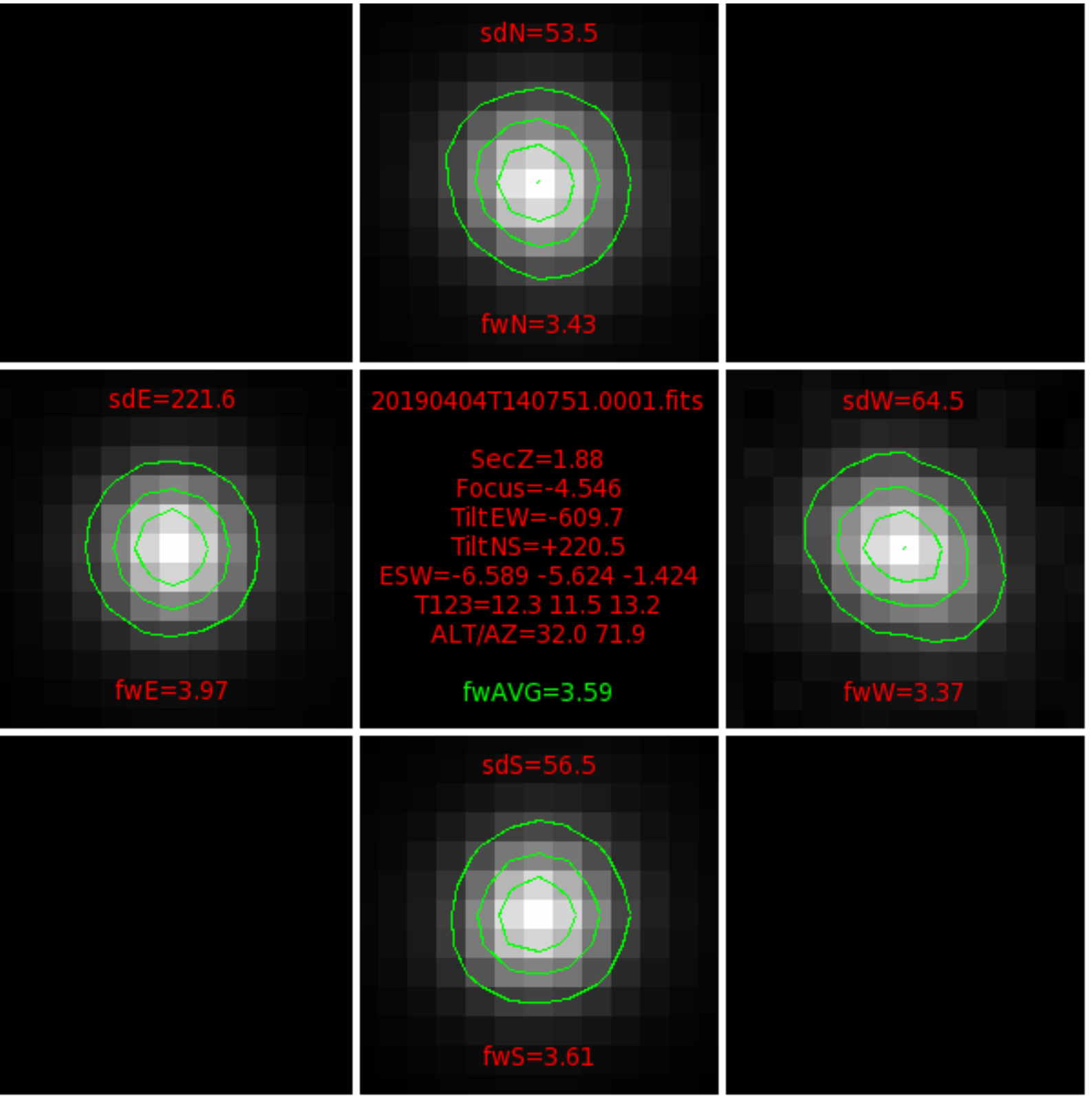

sdN=83.8
fwN=2.68
sdE=156.6
fwE=2.71
20190404T135803.0001.fits
SecZ=1.11
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.4 11.1 13.3
ALT/AZ=64.5 175.6
fwAVG=2.65
sdW=214.6
fwW=2.60
sdS=28.1
fwS=2.59
0 0 0 0 0 0 0 0 0

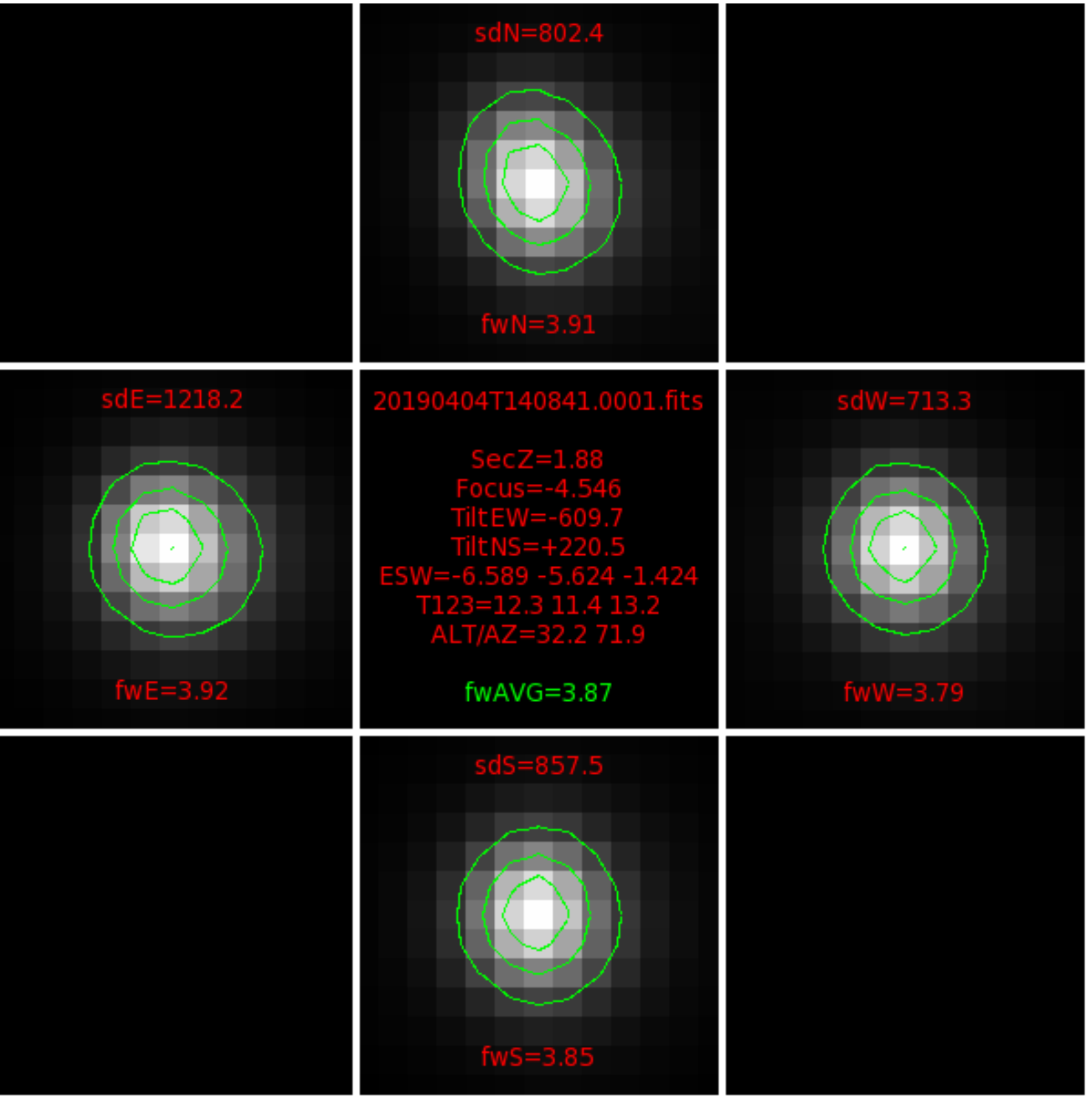

sdN=43.4
fwN=1.71
sdE=106.1
fwE=1.64
20190404T135952.0001.fits
SecZ=1.09
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.4 11.2 13.3
ALT/AZ=66.4 178.4
fwAVG=1.66
sdW=96.0
fwW=1.61
sdS=35.3
fwS=1.69
0 0 0 0 0 0 0 0 0

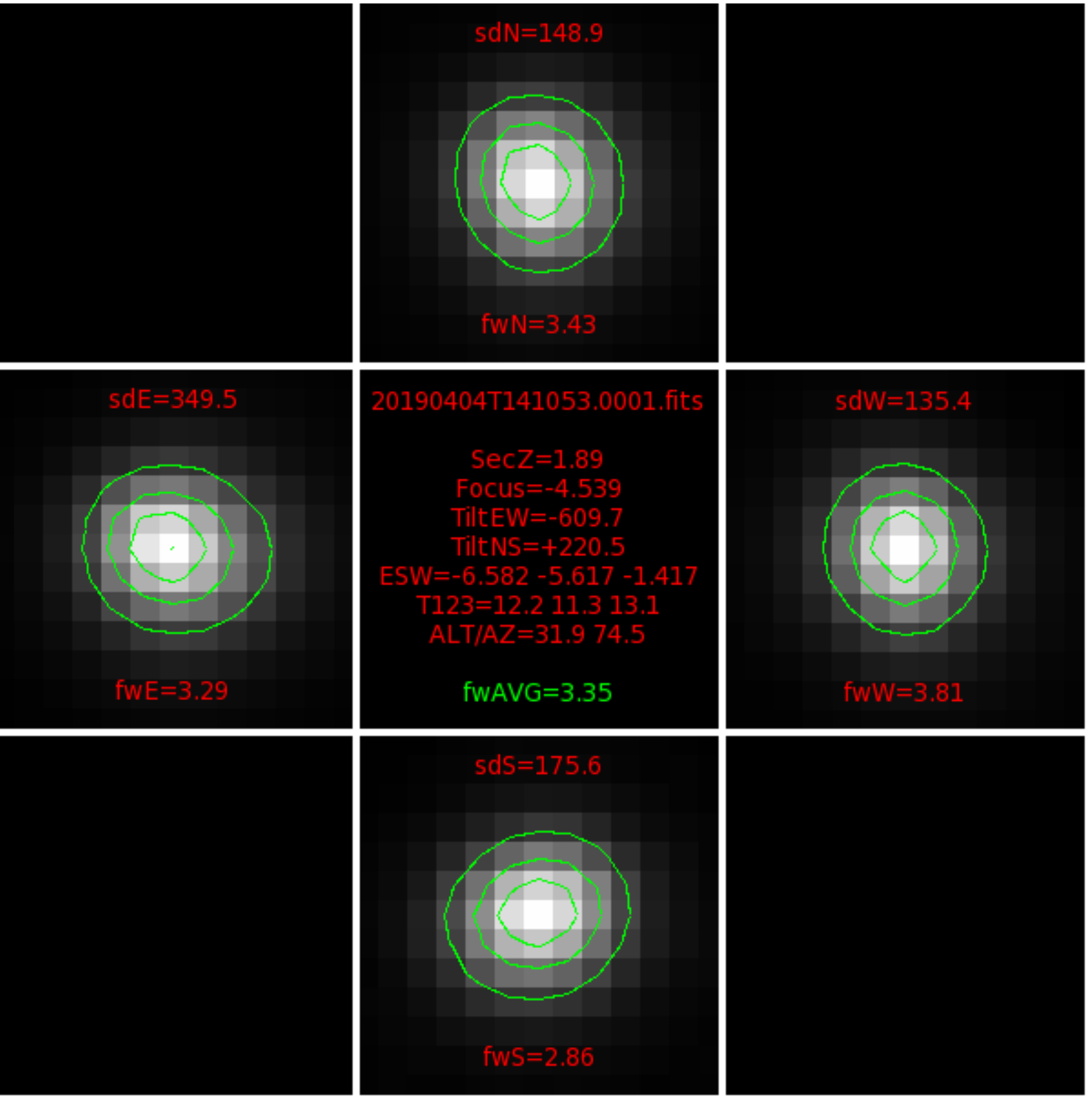

sdN=127.4
fwN=1.81
sdE=236.1
fwE=1.75
20190404T140121.0001.fits
SecZ=1.11
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.3 11.1 13.2
ALT/AZ=64.6 177.5
fwAVG=1.75
sdW=295.2
fwW=1.74
sdS=41.1
fwS=1.69
0 0 0 0 0 0 0 0 0

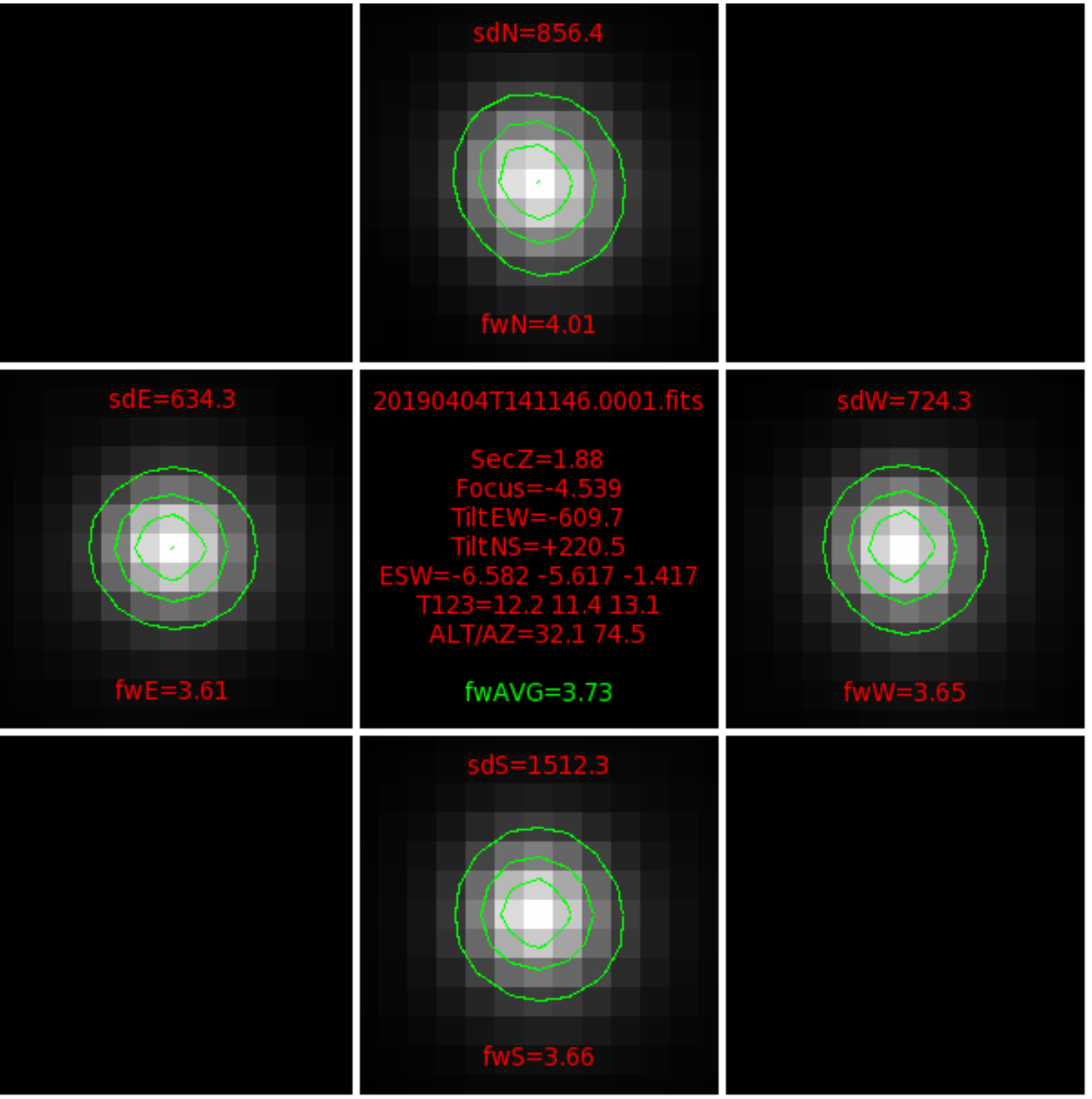

sdN=35.4
fwN=1.94
sdE=87.1
fwE=1.87
20190404T140313.0001.fits
SecZ=1.09
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.3 0.0 13.2
ALT/AZ=66.4 -179.6
fwAVG=1.93
sdW=144.5
fwW=1.97
sdS=30.0
fwS=1.93
0 0 0 0 0 0 0 0 0

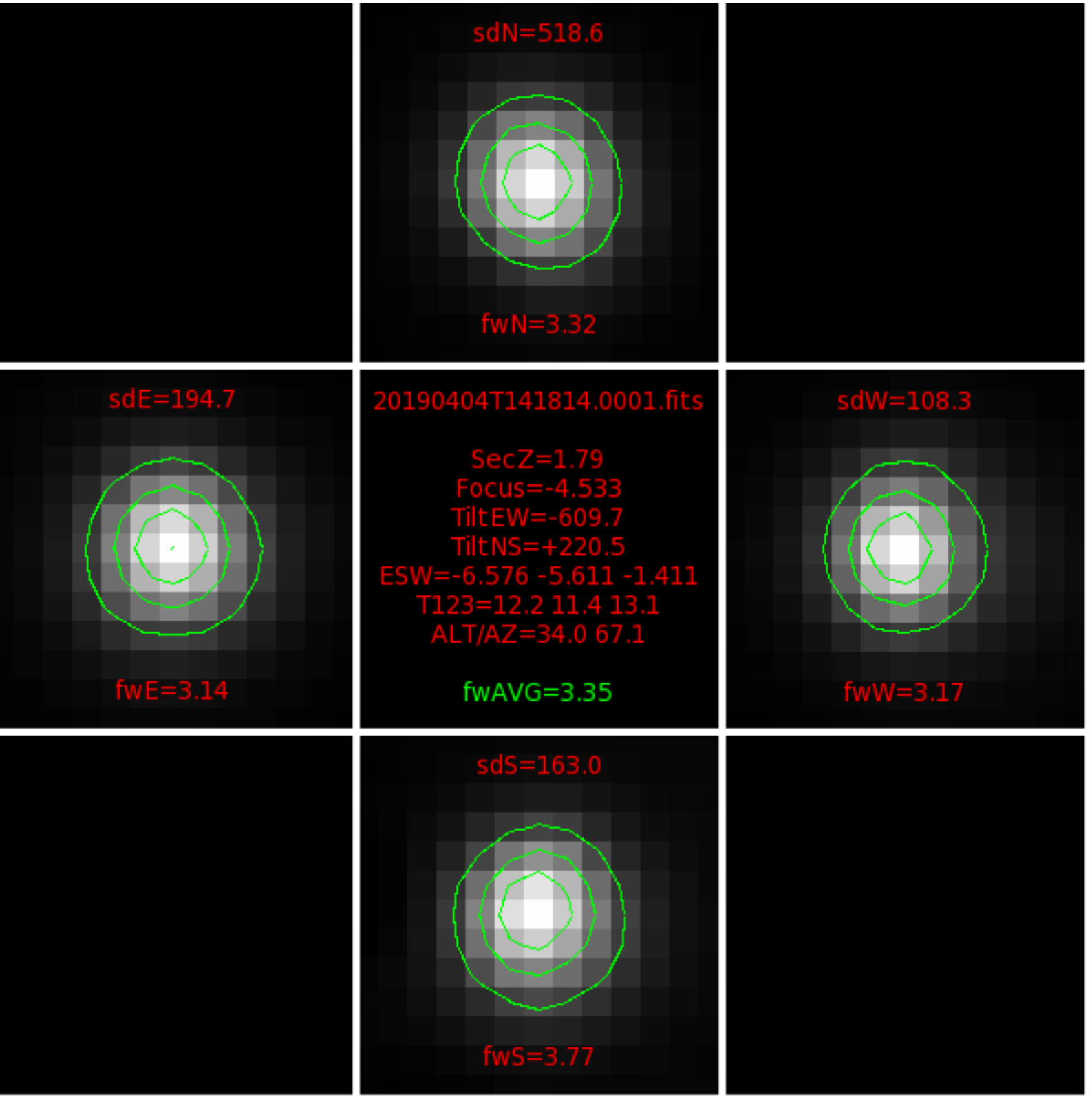

sdN=114.2
fwN=2.08
sdE=214.4
fwE=1.99
20190404T140441.0001.fits
SecZ=1.11
Focus=-4.539
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.582 -5.617 -1.417
T123=12.3 11.1 13.3
ALT/AZ=64.6 179.5
fwAVG=1.99
sdW=277.9
fwW=1.98
sdS=36.5
fwS=1.93
0 0 0 0 0 0 0 0 0

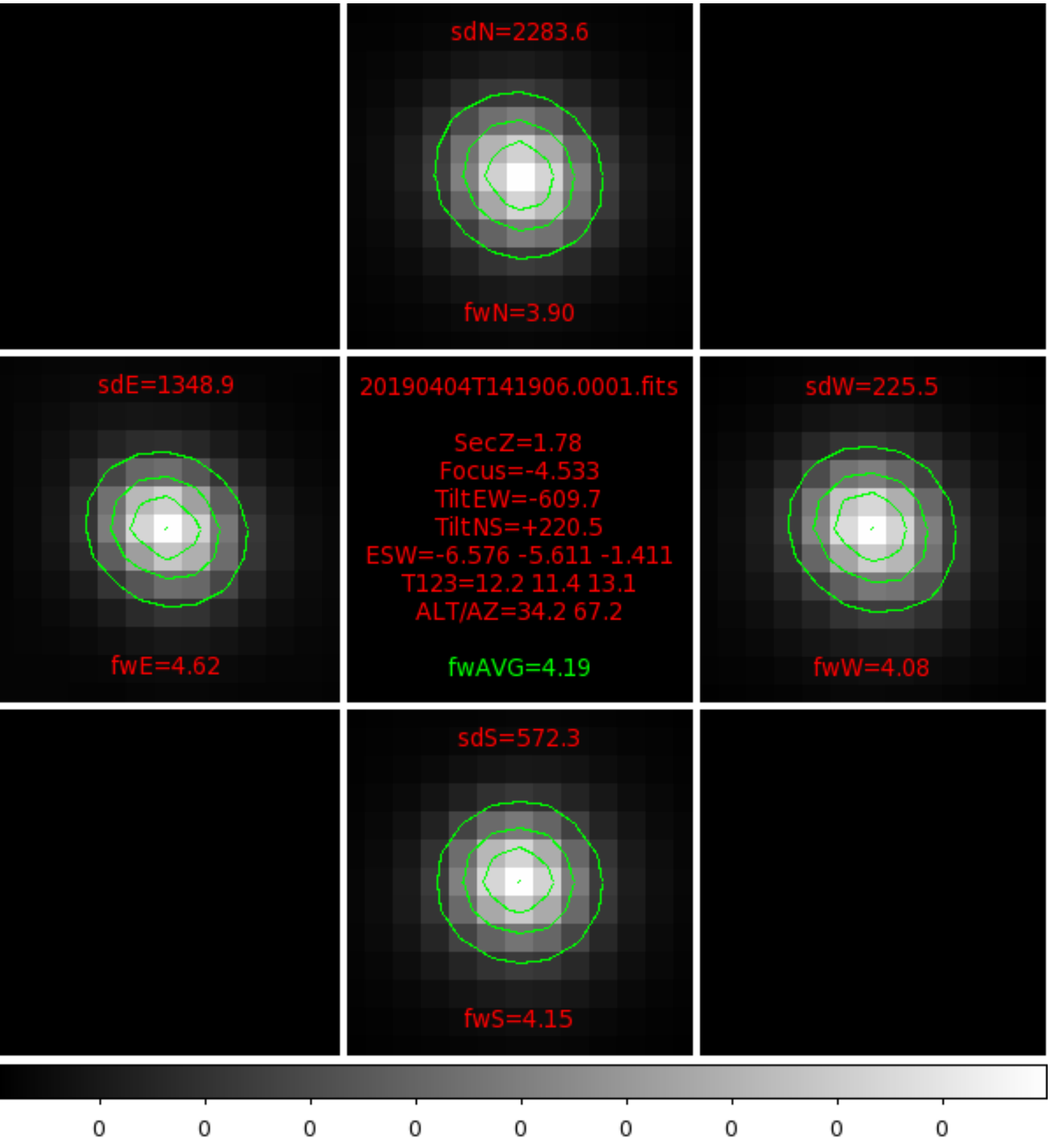

sdN=53.5
fwN=3.43
sdE=221.6
fwE=3.97
20190404T140751.0001.fits
SecZ=1.88
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.3 11.5 13.2
ALT/AZ=32.0 71.9
fwAVG=3.59
sdW=64.5
fwW=3.37
sdS=56.5
fwS=3.61
0 0 0 0 0 0 0 0 0

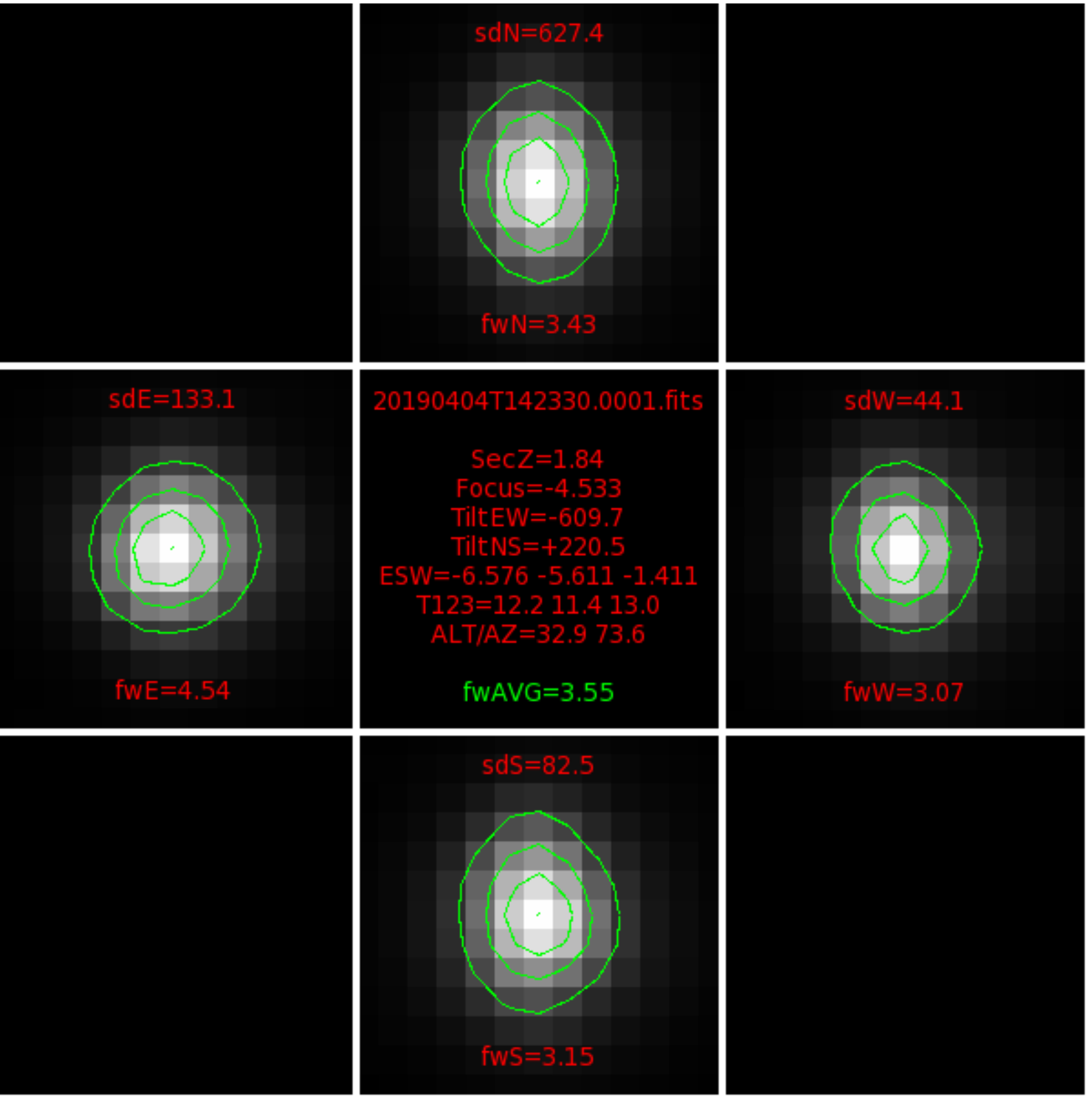

sdN=802.4
fwN=3.91
sdE=1218.2
fwE=3.92
20190404T140841.0001.fits
SecZ=1.88
Focus=-4.546
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.589 -5.624 -1.424
T123=12.3 11.4 13.2
ALT/AZ=32.2 71.9
fwAVG=3.87
sdW=713.3
fwW=3.79
sdS=857.5
fwS=3.85
0 0 0 0 0 0 0 0 0


sdN=148.9
fwN=3.43
sdE=349.5
fwE=3.29
20190404T141053.0001.fits
SecZ=1.89
Focus=-4.539
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.582 -5.617 -1.417
T123=12.2 11.3 13.1
ALT/AZ=31.9 74.5
fwAVG=3.35
sdW=135.4
fwW=3.81
sdS=175.6
fwS=2.86
0 0 0 0 0 0 0 0 0

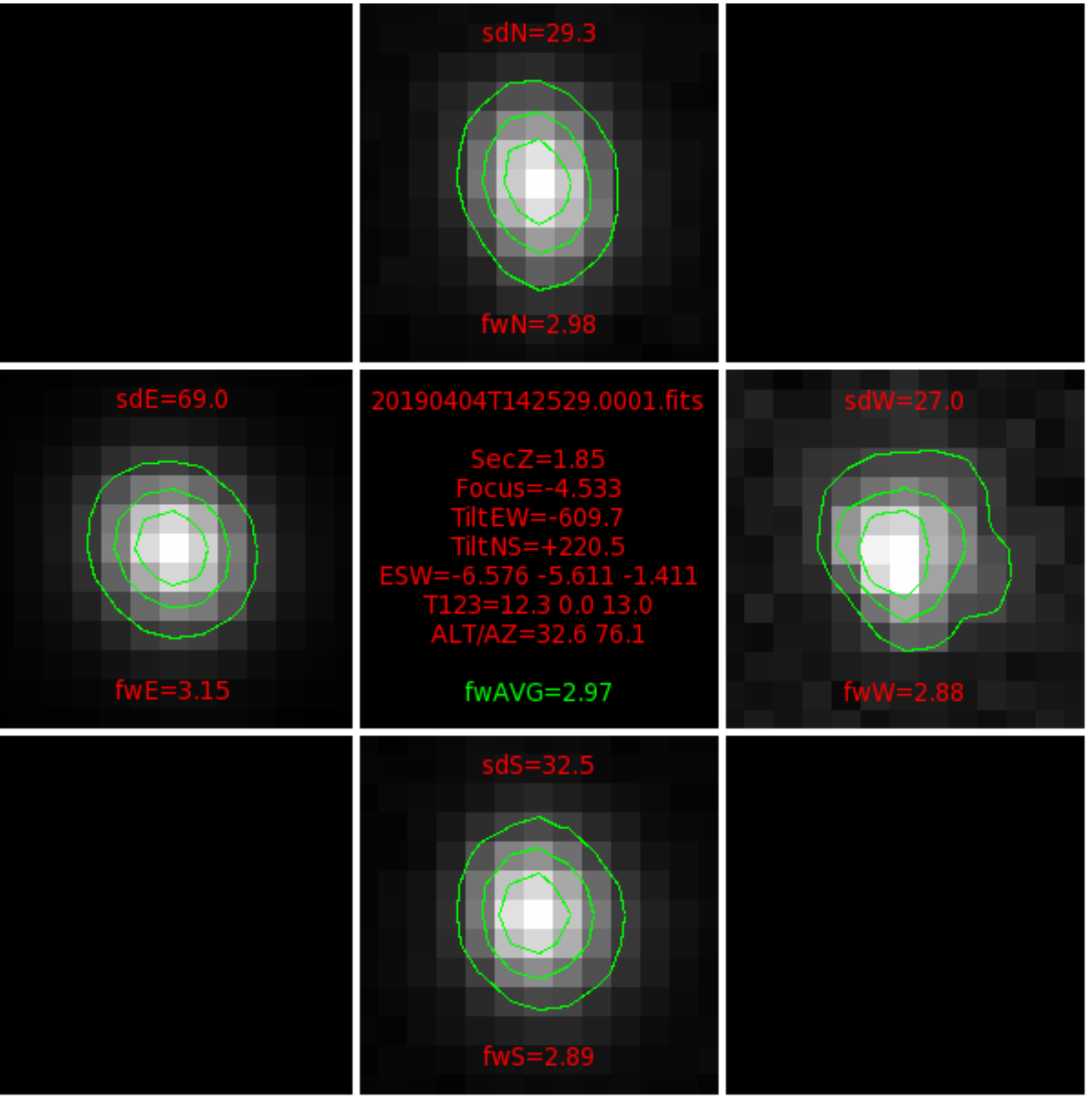

sdN=856.4
fwN=4.01
sdE=634.3
fwE=3.61
20190404T141146.0001.fits
SecZ=1.88
Focus=-4.539
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.582 -5.617 -1.417
T123=12.2 11.4 13.1
ALT/AZ=32.1 74.5
fwAVG=3.73
sdW=724.3
fwW=3.65
sdS=1512.3
fwS=3.66
0 0 0 0 0 0 0 0 0

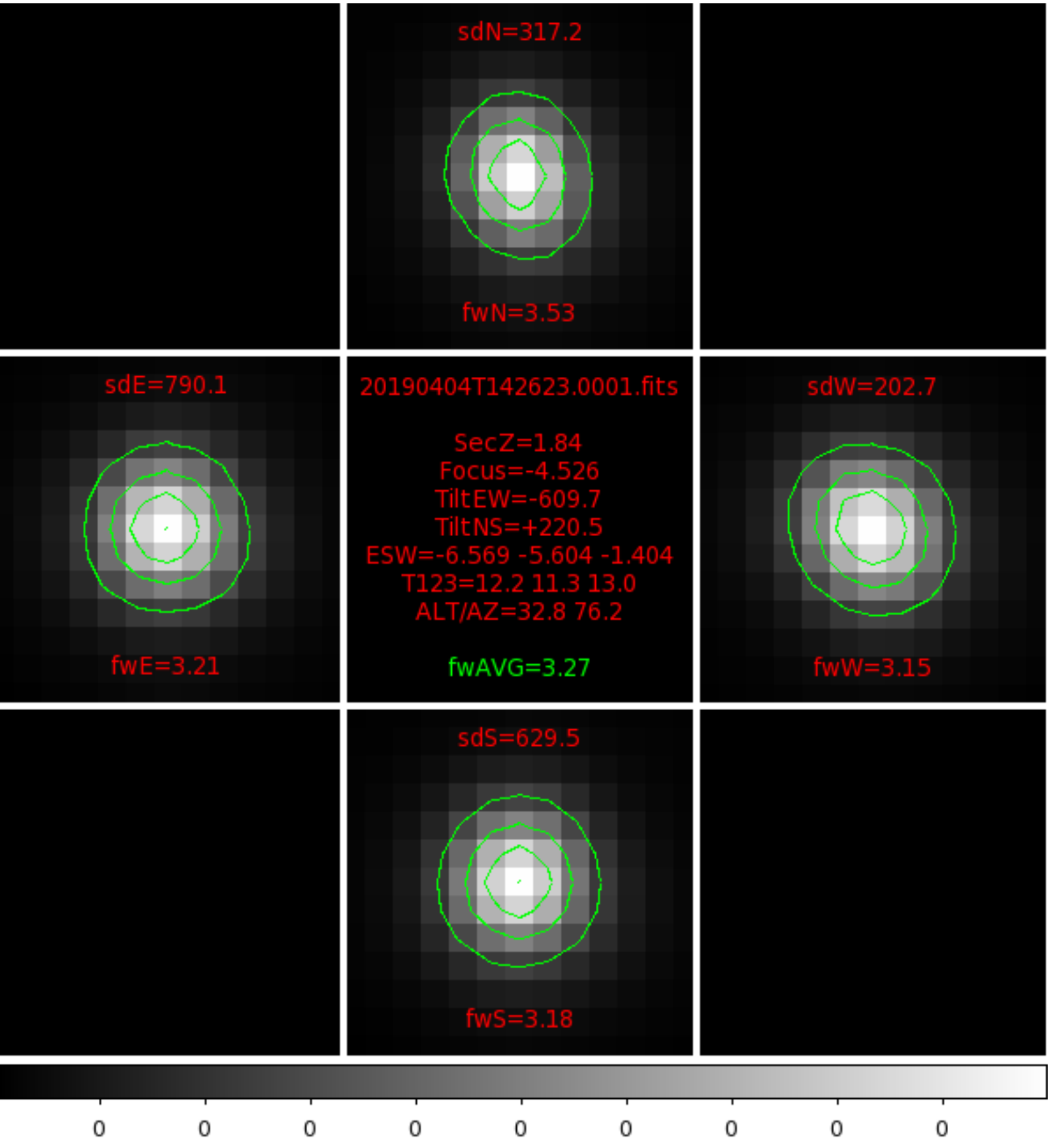

sdN=518.6
fwN=3.32
sdE=194.7
fwE=3.14
20190404T141814.0001.fits
SecZ=1.79
Focus=-4.533
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.576 -5.611 -1.411
T123=12.2 11.4 13.1
ALT/AZ=34.0 67.1
fwAVG=3.35
sdW=108.3
fwW=3.17
sdS=163.0
fwS=3.77
0 0 0 0 0 0 0 0 0

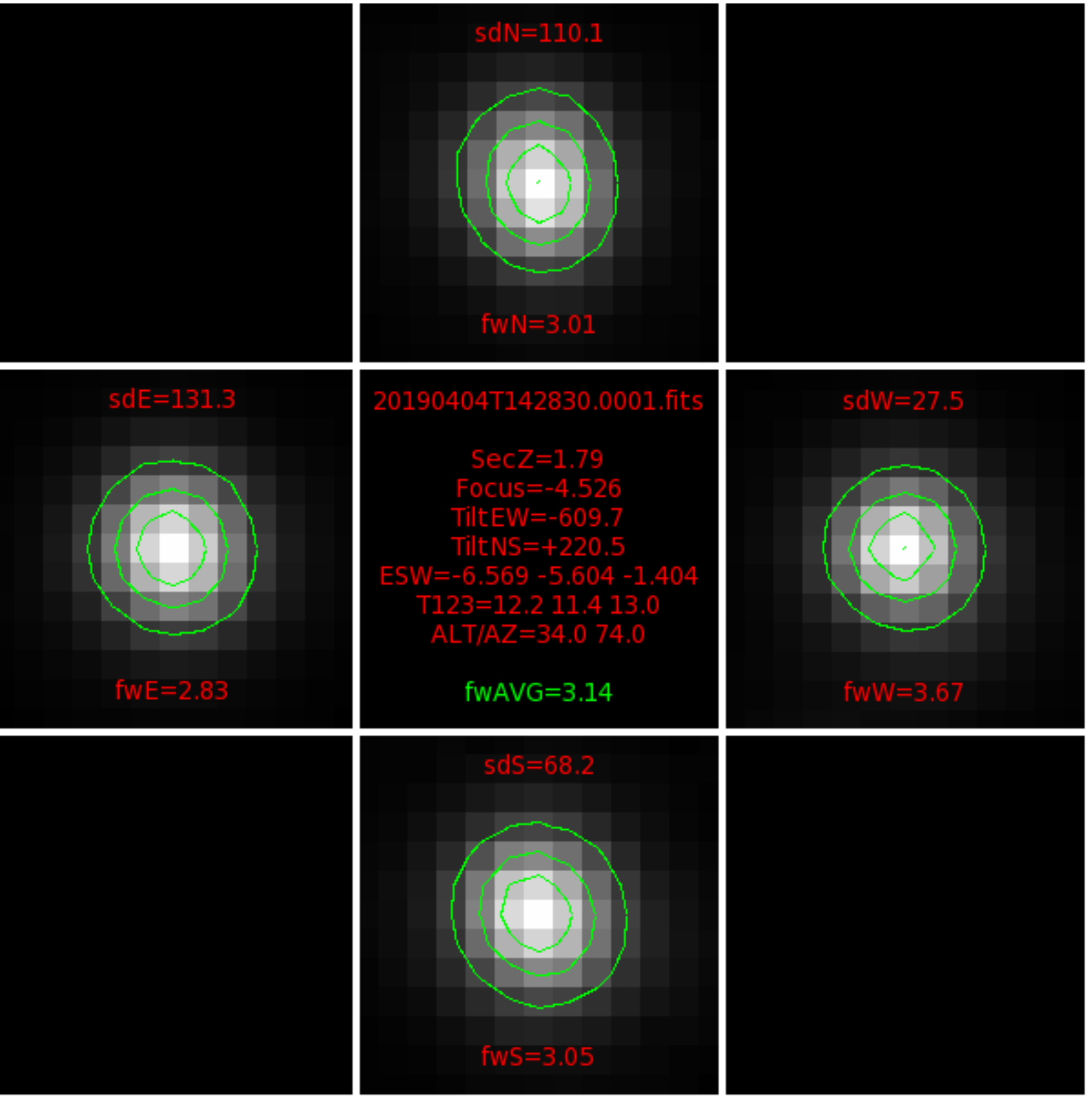

sdN=2283.6
fwN=3.90
sdE=1348.9
fwE=4.62
20190404T141906.0001.fits
SecZ=1.78
Focus=-4.533
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.576 -5.611 -1.411
T123=12.2 11.4 13.1
ALT/AZ=34.2 67.2
fwAVG=4.19
sdW=225.5
fwW=4.08
sdS=572.3
fwS=4.15
0 0 0 0 0 0 0 0 0

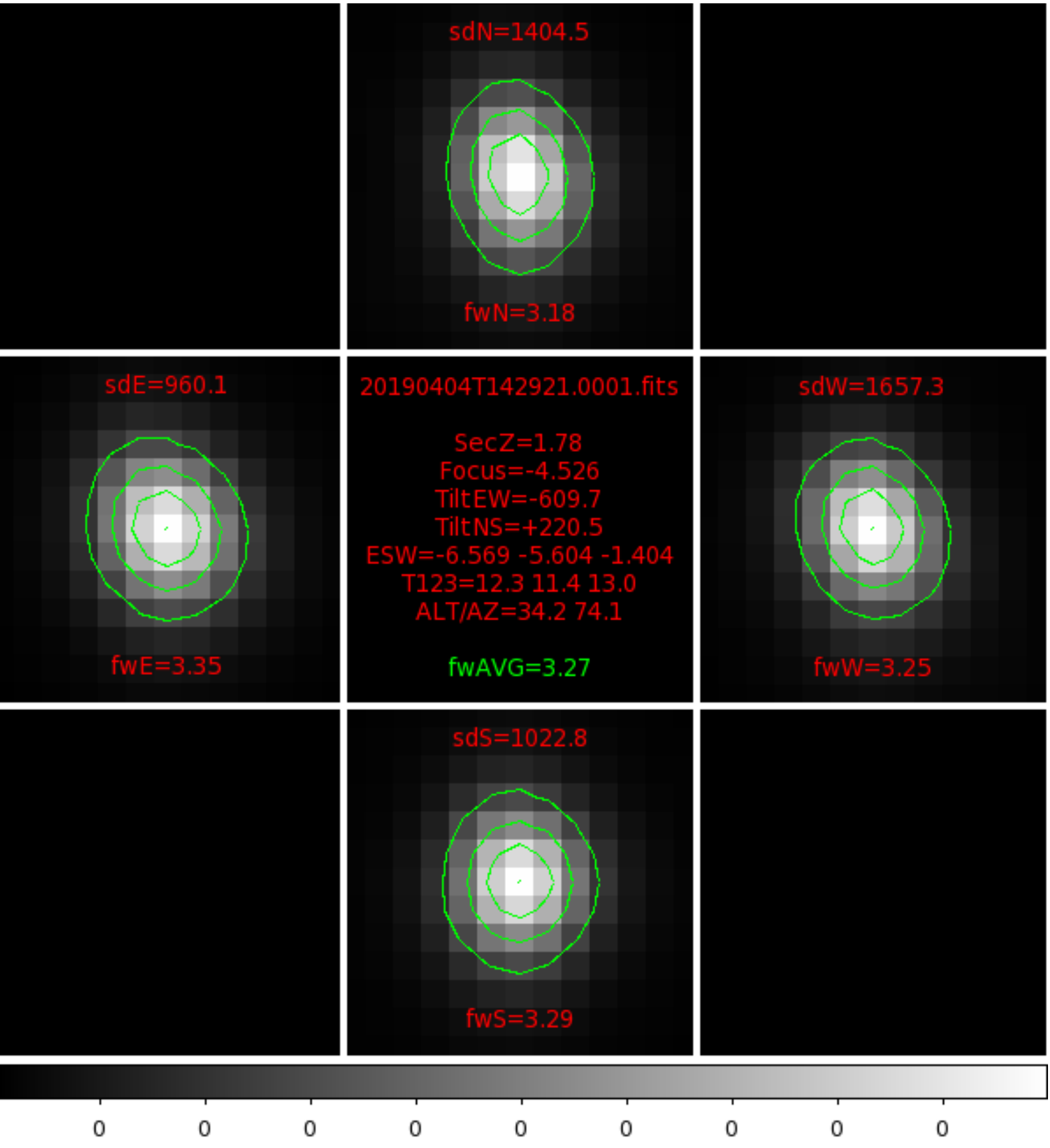

sdN=627.4
fwN=3.43
sdE=133.1
fwE=4.54
20190404T142330.0001.fits
SecZ=1.84
Focus=-4.533
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.576 -5.611 -1.411
T123=12.2 11.4 13.0
ALT/AZ=32.9 73.6
fwAVG=3.55
sdW=44.1
fwW=3.07
sdS=82.5
fwS=3.15
0 0 0 0 0 0 0 0 0

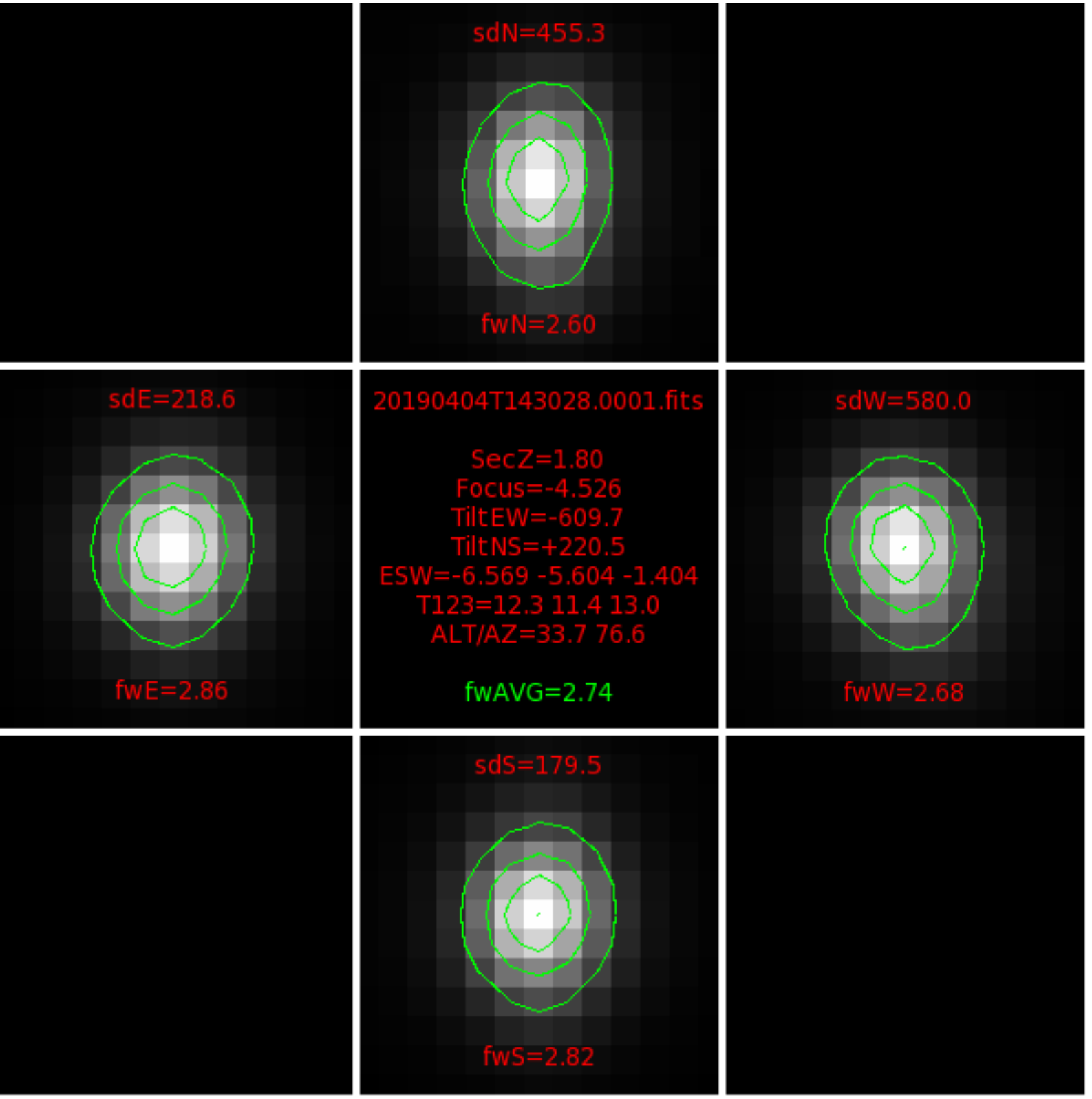
sdN=91.9
fwN=0.00
sdE=69.9
fwE=0.00
20190404T142421.0001.fits
SecZ=1.84
Focus=-4.533
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.576 -5.611 -1.411
T123=12.2 0.0 13.0
ALT/AZ=32.9 73.6
sdW=120.6
fwW=4.70
sdS=153.5
fwS=0.00
0 0 0 0 0 0 0 0 0

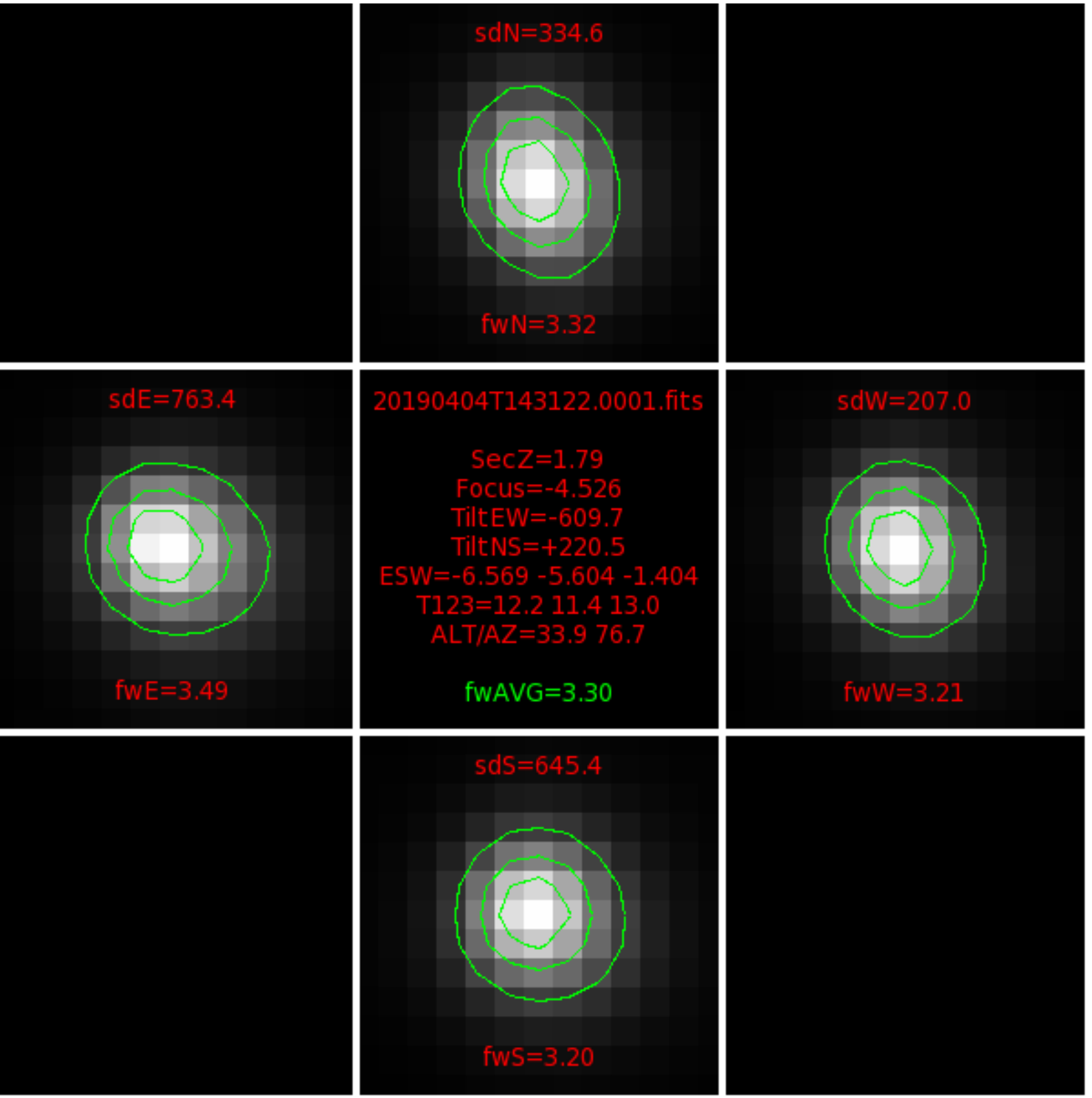

sdN=29.3
fwN=2.98
sdE=69.0
fwE=3.15
20190404T142529.0001.fits
SecZ=1.85
Focus=-4.533
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.576 -5.611 -1.411
T123=12.3 0.0 13.0
ALT/AZ=32.6 76.1
fwAVG=2.97
sdW=27.0
fwW=2.88
sdS=32.5
fwS=2.89
0 0 0 0 0 0 0 0 0

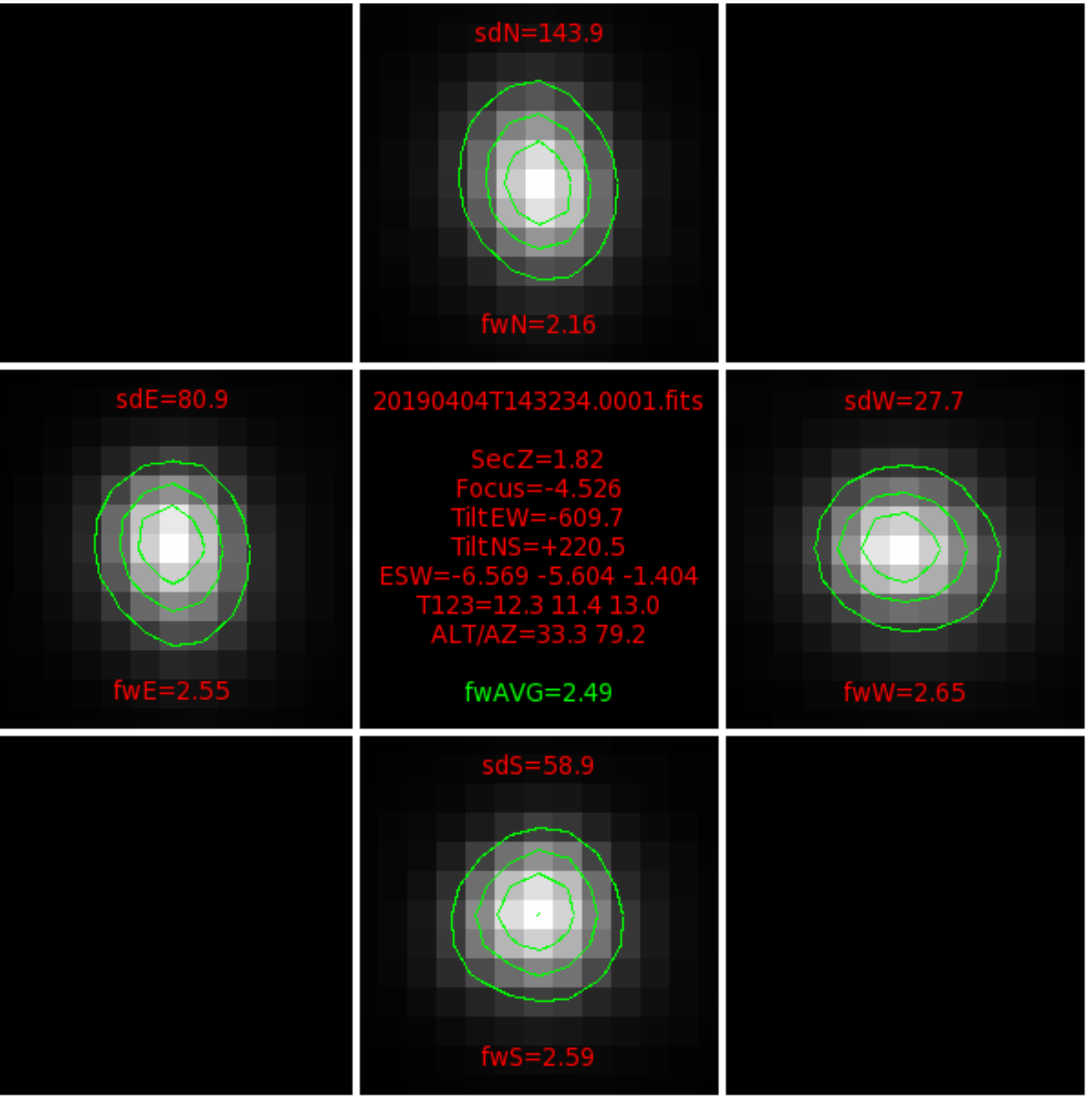

sdN=317.2
fwN=3.53
sdE=790.1
fwE=3.21
20190404T142623.0001.fits
SecZ=1.84
Focus=-4.526
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.569 -5.604 -1.404
T123=12.2 11.3 13.0
ALT/AZ=32.8 76.2
fwAVG=3.27
sdW=202.7
fwW=3.15
sdS=629.5
fwS=3.18
0 0 0 0 0 0 0 0 0

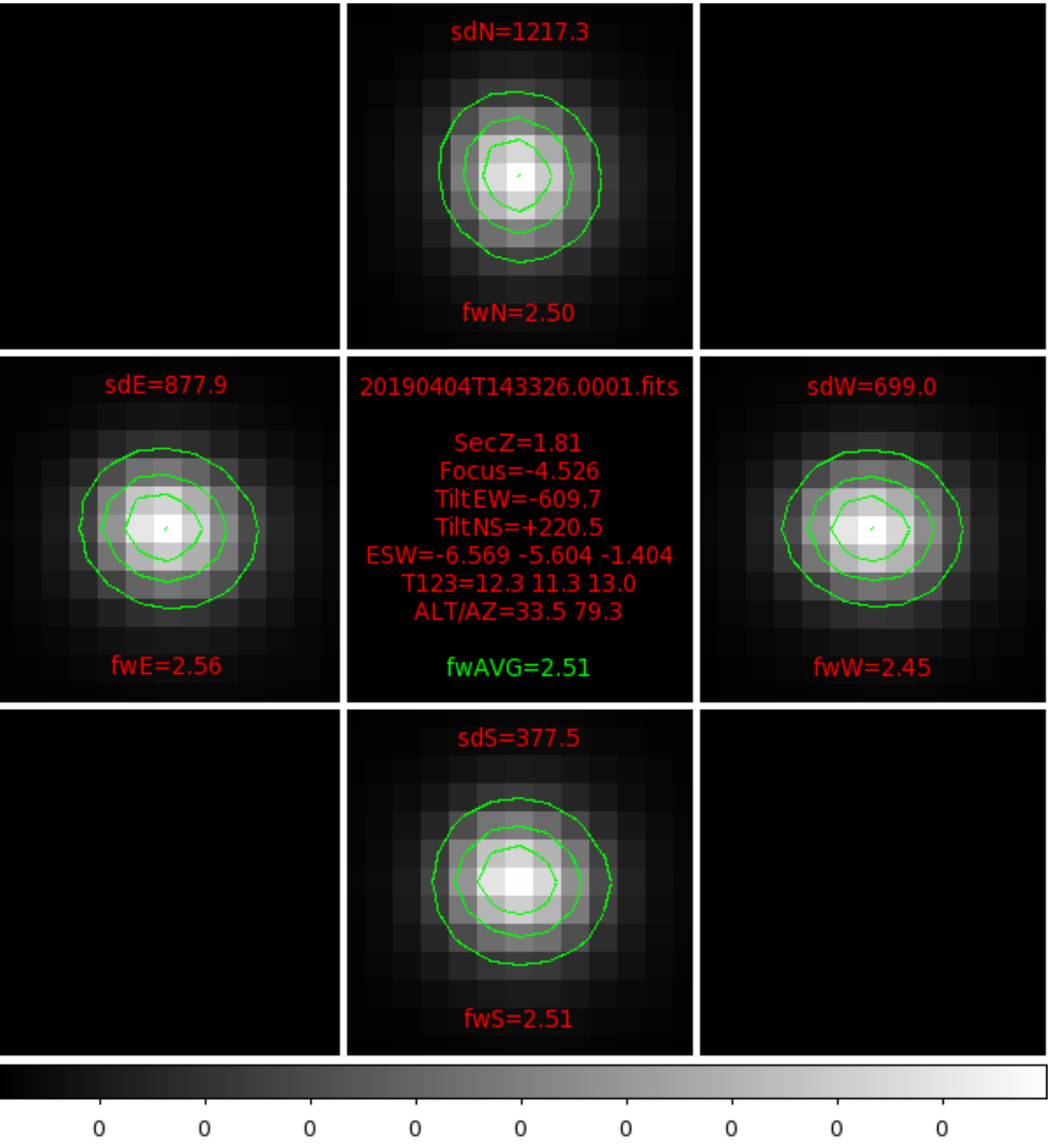

sdN=110.1
fwN=3.01
sdE=131.3
fwE=2.83
20190404T142830.0001.fits
SecZ=1.79
Focus=-4.526
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.569 -5.604 -1.404
T123=12.2 11.4 13.0
ALT/AZ=34.0 74.0
fwAVG=3.14
sdW=27.5
fwW=3.67
sdS=68.2
fwS=3.05
0 0 0 0 0 0 0 0 0

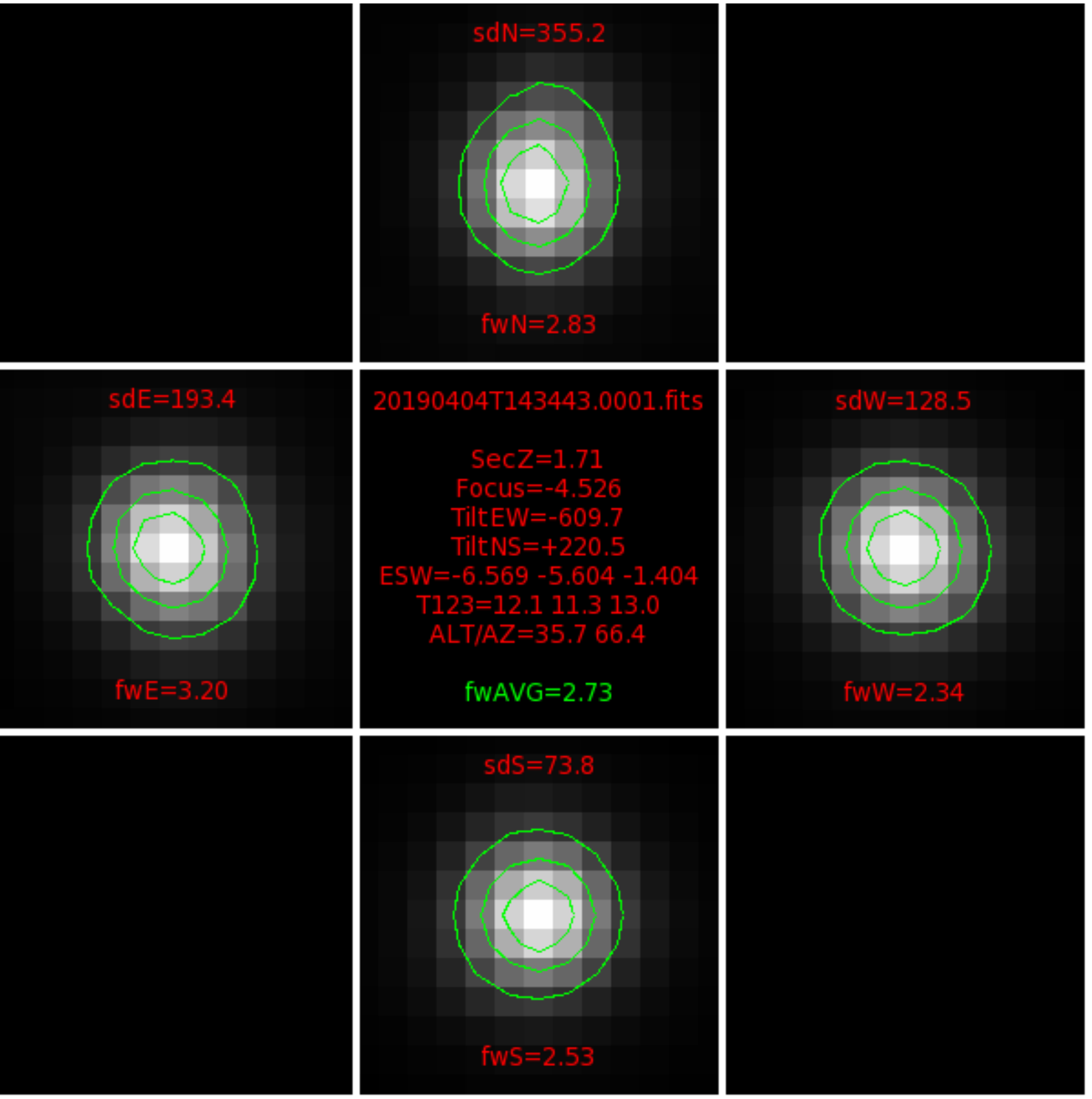

sdN=1404.5
fwN=3.18
sdE=960.1
fwE=3.35
20190404T142921.0001.fits
SecZ=1.78
Focus=-4.526
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.569 -5.604 -1.404
T123=12.3 11.4 13.0
ALT/AZ=34.2 74.1
fwAVG=3.27
sdW=1657.3
fwW=3.25
sdS=1022.8
fwS=3.29
0 0 0 0 0 0 0 0 0

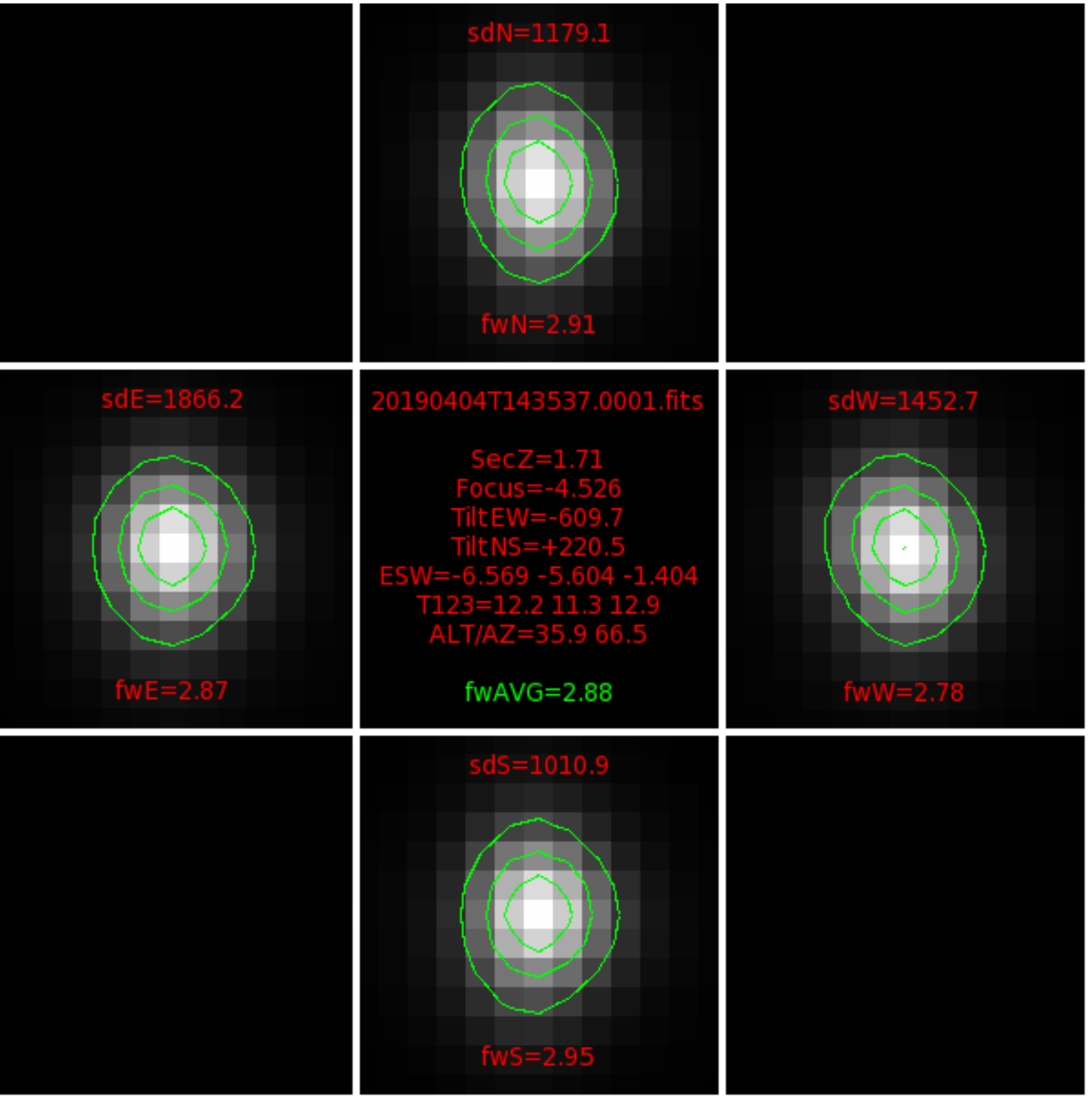

sdN=455.3
fwN=2.60
sdE=218.6
fwE=2.86
20190404T143028.0001.fits
SecZ=1.80
Focus=-4.526
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.569 -5.604 -1.404
T123=12.3 11.4 13.0
ALT/AZ=33.7 76.6
fwAVG=2.74
sdW=580.0
fwW=2.68
sdS=179.5
fwS=2.82
0 0 0 0 0 0 0 0 0

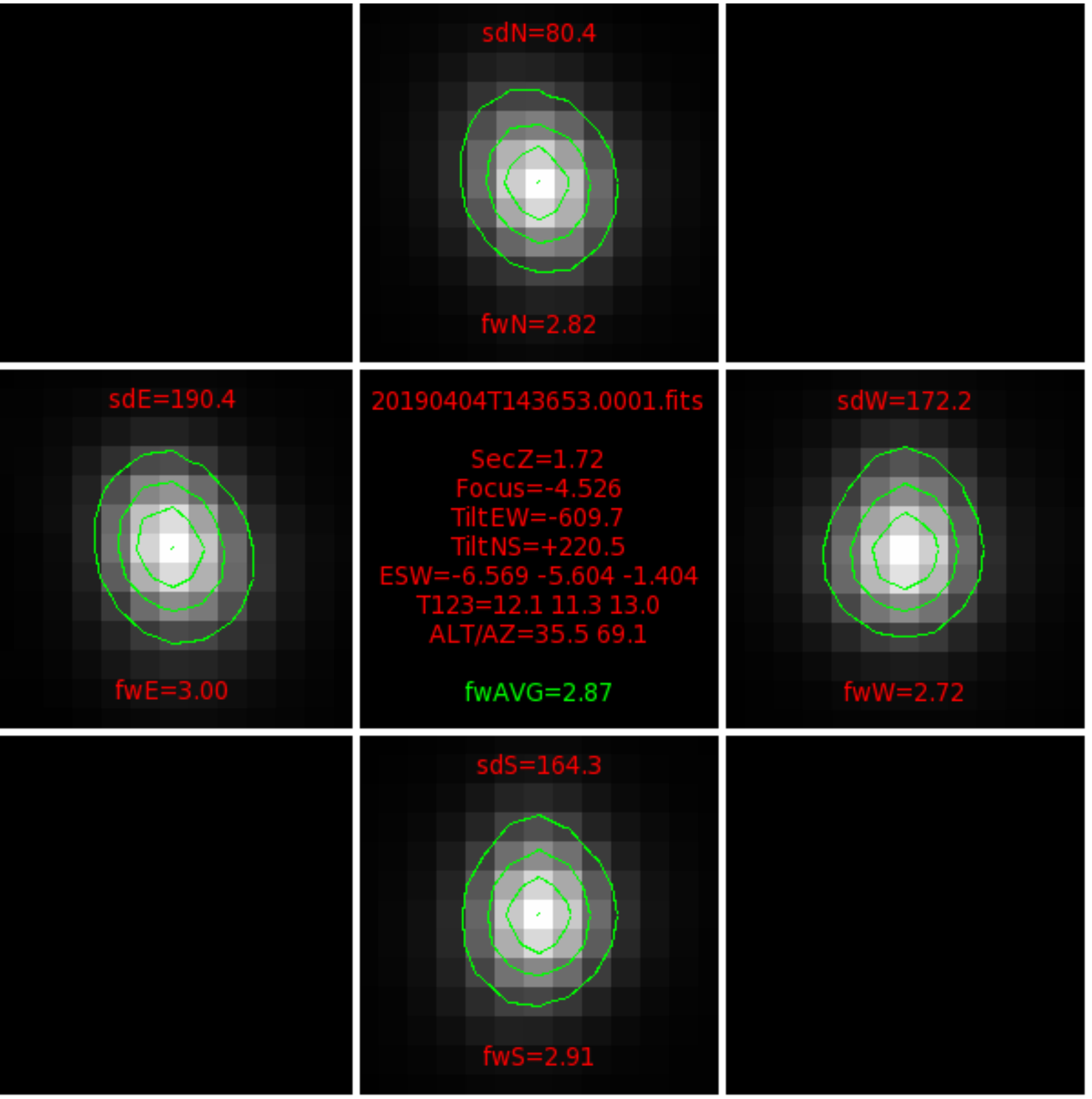

sdN=334.6
fwN=3.32
sdE=763.4
fwE=3.49
20190404T143122.0001.fits
SecZ=1.79
Focus=-4.526
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.569 -5.604 -1.404
T123=12.2 11.4 13.0
ALT/AZ=33.9 76.7
fwAVG=3.30
sdW=207.0
fwW=3.21
sdS=645.4
fwS=3.20
0 0 0 0 0 0 0 0 0

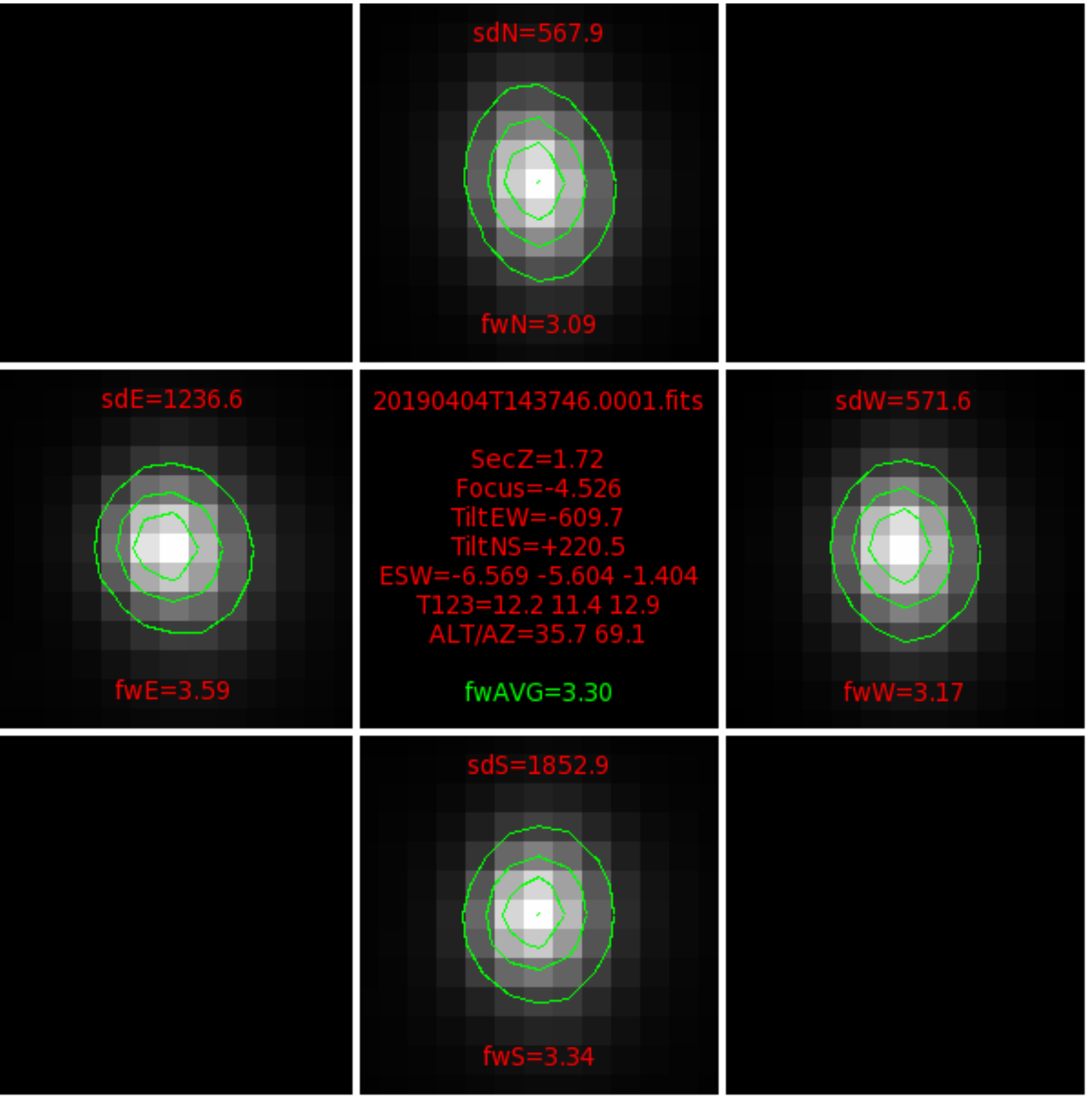

sdN=143.9
fwN=2.16
sdE=80.9
fwE=2.55
20190404T143234.0001.fits
SecZ=1.82
Focus=-4.526
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.569 -5.604 -1.404
T123=12.3 11.4 13.0
ALT/AZ=33.3 79.2
fwAVG=2.49
sdW=27.7
fwW=2.65
sdS=58.9
fwS=2.59
0 0 0 0 0 0 0 0 0

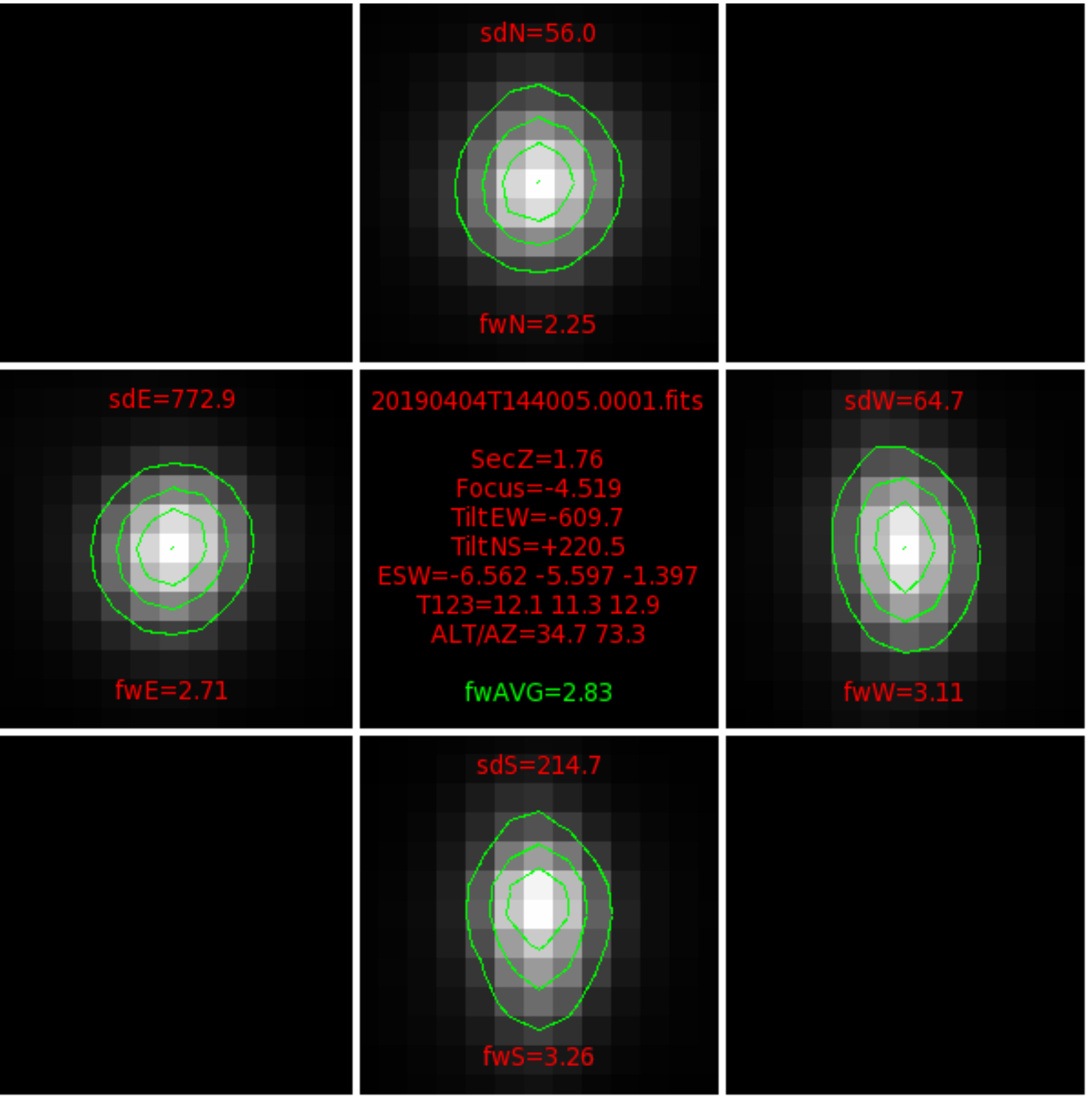

sdN=1217.3
fwN=2.50
sdE=877.9
fwE=2.56
20190404T143326.0001.fits
SecZ=1.81
Focus=-4.526
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.569 -5.604 -1.404
T123=12.3 11.3 13.0
ALT/AZ=33.5 79.3
fwAVG=2.51
sdW=699.0
fwW=2.45
sdS=377.5
fwS=2.51
0 0 0 0 0 0 0 0 0

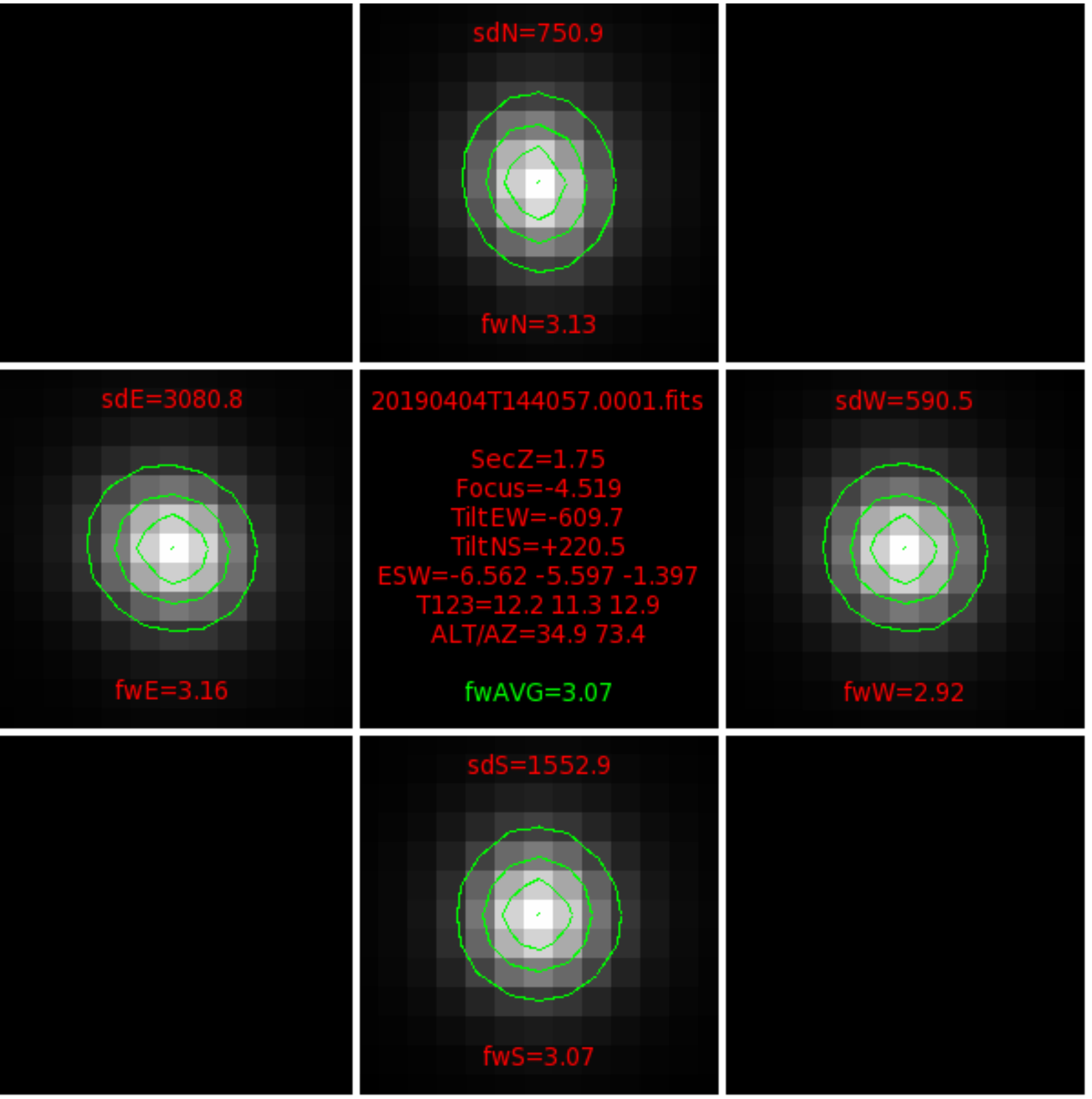

sdN=355.2
fwN=2.83
sdE=193.4
fwE=3.20
20190404T143443.0001.fits
SecZ=1.71
Focus=-4.526
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.569 -5.604 -1.404
T123=12.1 11.3 13.0
ALT/AZ=35.7 66.4
fwAVG=2.73
sdW=128.5
fwW=2.34
sdS=73.8
fwS=2.53
0 0 0 0 0 0 0 0 0

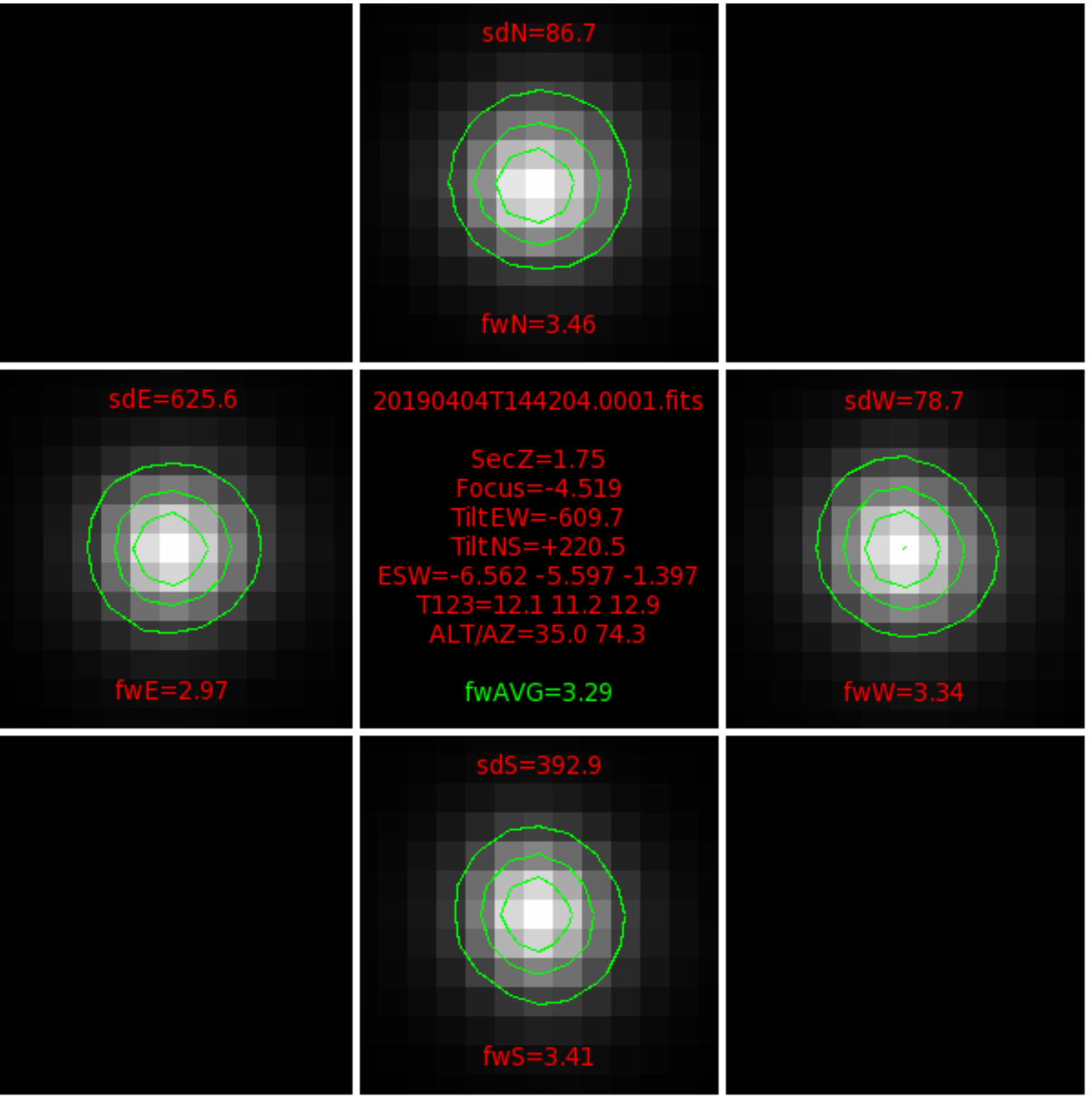

sdN=1179.1
fwN=2.91
sdE=1866.2
fwE=2.87
20190404T143537.0001.fits
SecZ=1.71
Focus=-4.526
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.569 -5.604 -1.404
T123=12.2 11.3 12.9
ALT/AZ=35.9 66.5
fwAVG=2.88
sdW=1452.7
fwW=2.78
sdS=1010.9
fwS=2.95
0 0 0 0 0 0 0 0 0

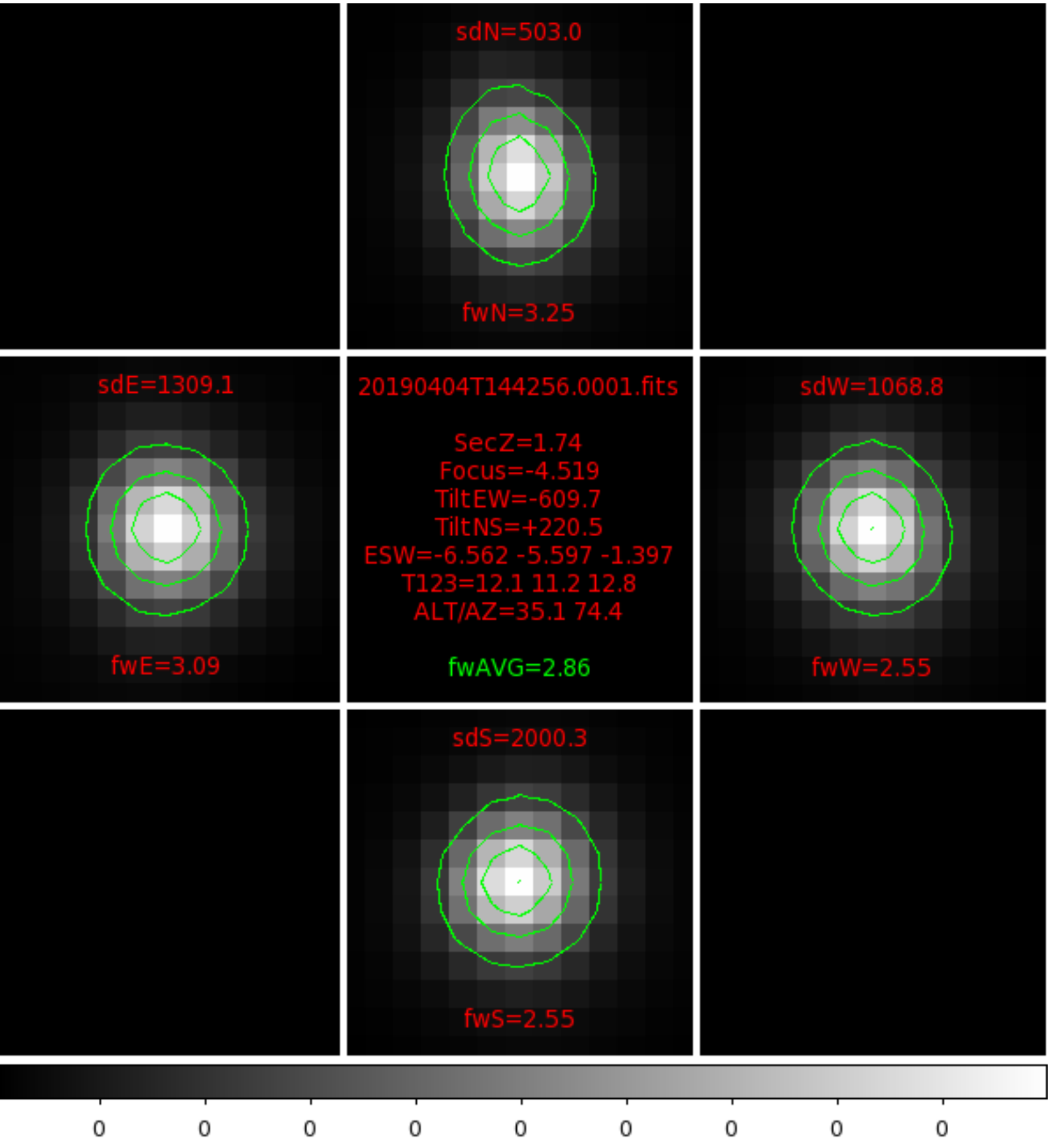

sdN=80.4
fwN=2.82
sdE=190.4
fwE=3.00
20190404T143653.0001.fits
SecZ=1.72
Focus=-4.526
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.569 -5.604 -1.404
T123=12.1 11.3 13.0
ALT/AZ=35.5 69.1
fwAVG=2.87
sdW=172.2
fwW=2.72
sdS=164.3
fwS=2.91
0 0 0 0 0 0 0 0 0

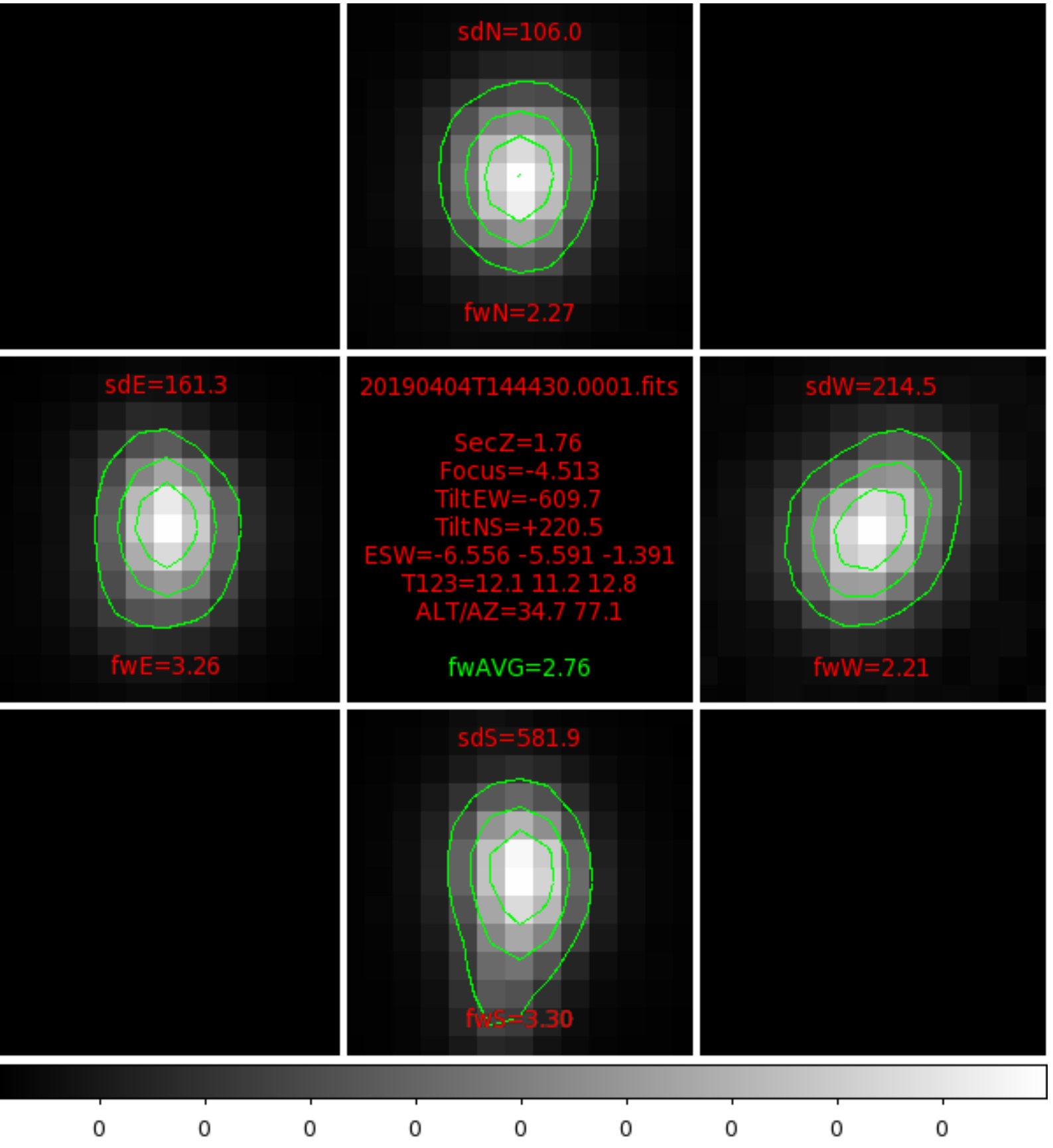

sdN=567.9
fwN=3.09
sdE=1236.6
fwE=3.59
20190404T143746.0001.fits
SecZ=1.72
Focus=-4.526
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.569 -5.604 -1.404
T123=12.2 11.4 12.9
ALT/AZ=35.7 69.1
fwAVG=3.30
sdW=571.6
fwW=3.17
sdS=1852.9
fwS=3.34
0 0 0 0 0 0 0 0 0

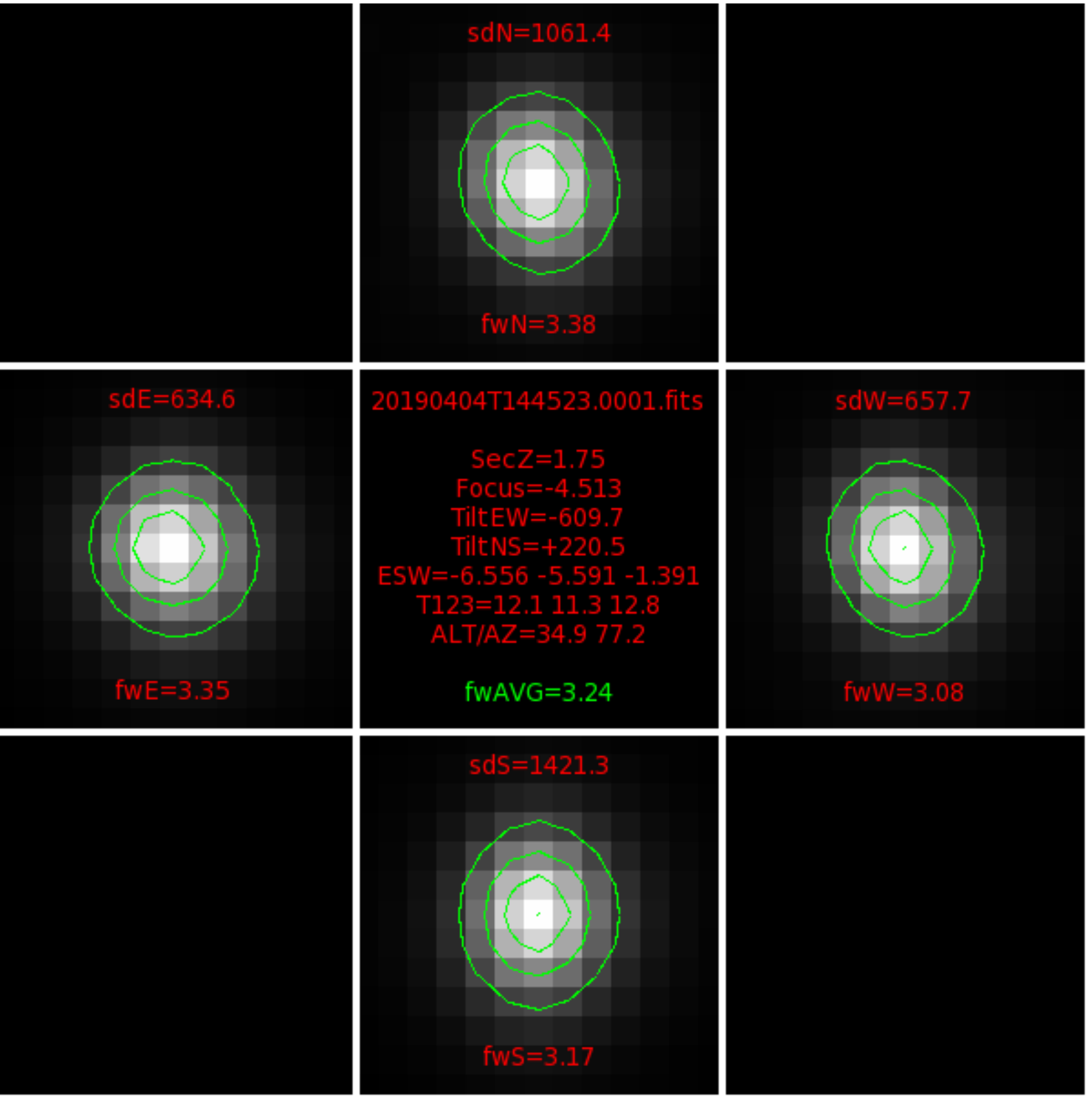

sdN=56.0
fwN=2.25
sdE=772.9
fwE=2.71
20190404T144005.0001.fits
SecZ=1.76
Focus=-4.519
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.562 -5.597 -1.397
T123=12.1 11.3 12.9
ALT/AZ=34.7 73.3
fwAVG=2.83
sdW=64.7
fwW=3.11
sdS=214.7
fwS=3.26
0 0 0 0 0 0 0 0 0

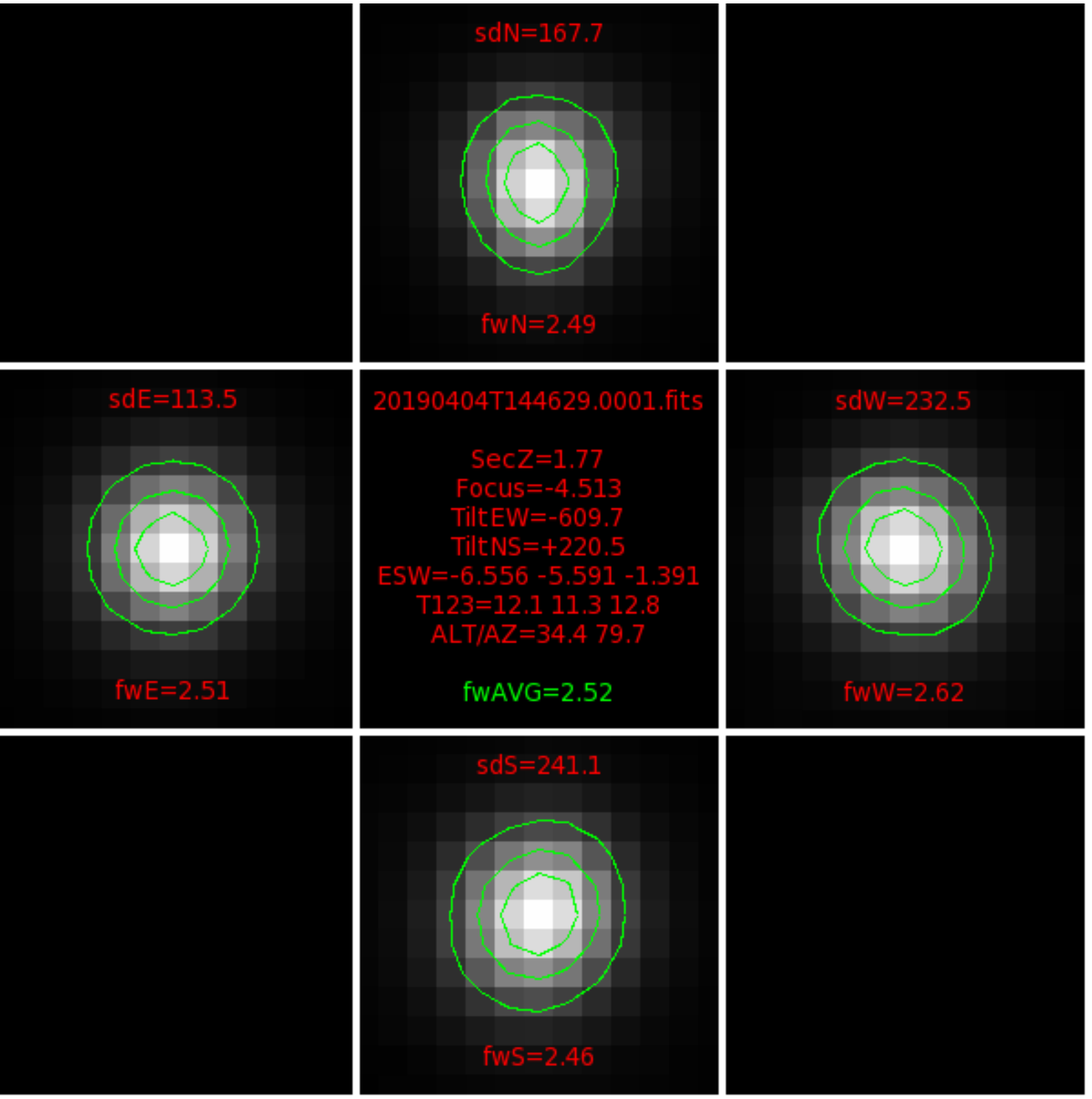

sdN=750.9
fwN=3.13
sdE=3080.8
fwE=3.16
20190404T144057.0001.fits
SecZ=1.75
Focus=-4.519
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.562 -5.597 -1.397
T123=12.2 11.3 12.9
ALT/AZ=34.9 73.4
fwAVG=3.07
sdW=590.5
fwW=2.92
sdS=1552.9
fwS=3.07
0 0 0 0 0 0 0 0 0

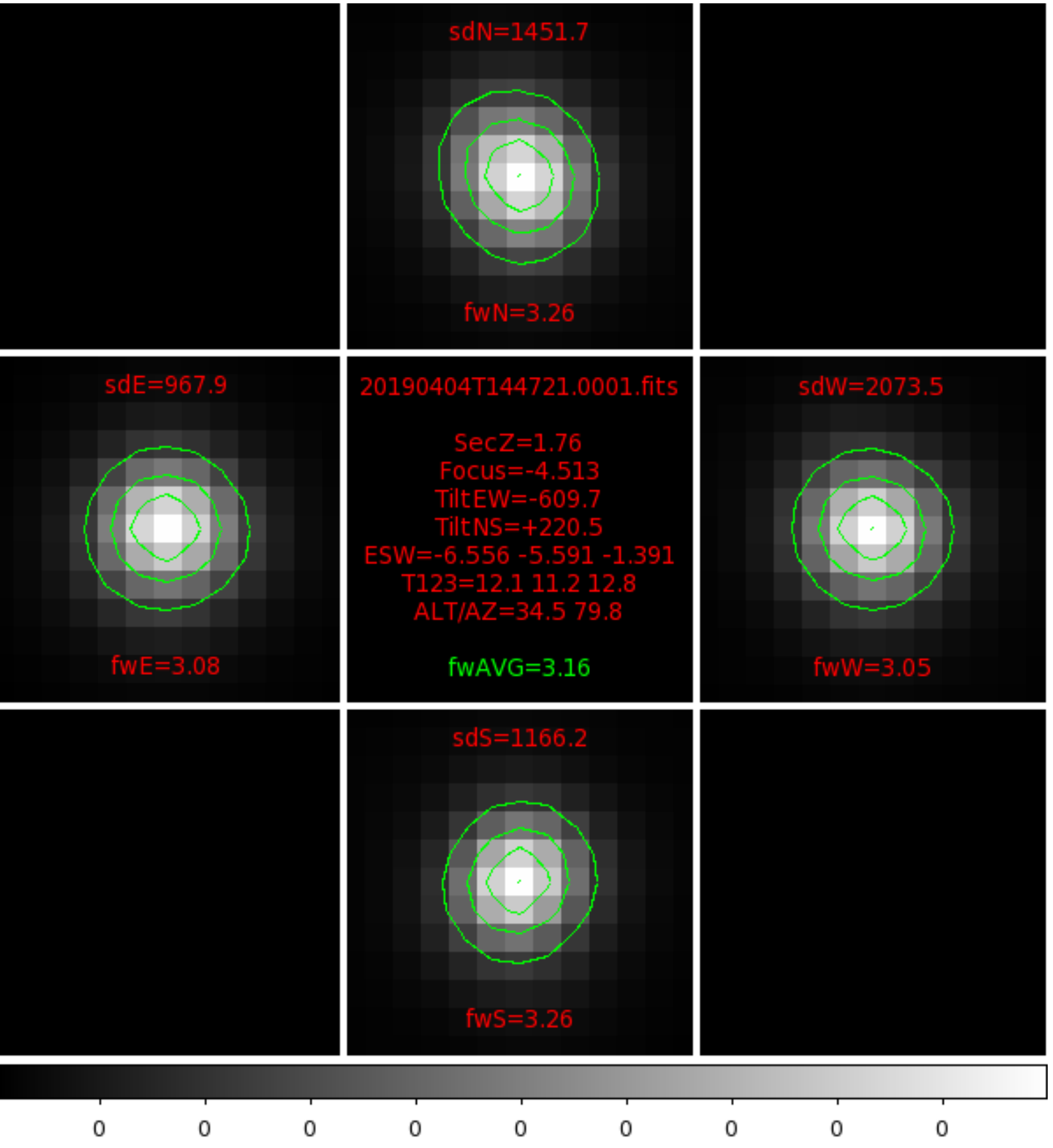

sdN=86.7
fwN=3.46
sdE=625.6
fwE=2.97
20190404T144204.0001.fits
SecZ=1.75
Focus=-4.519
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.562 -5.597 -1.397
T123=12.1 11.2 12.9
ALT/AZ=35.0 74.3
fwAVG=3.29
sdW=78.7
fwW=3.34
sdS=392.9
fwS=3.41
0 0 0 0 0 0 0 0 0

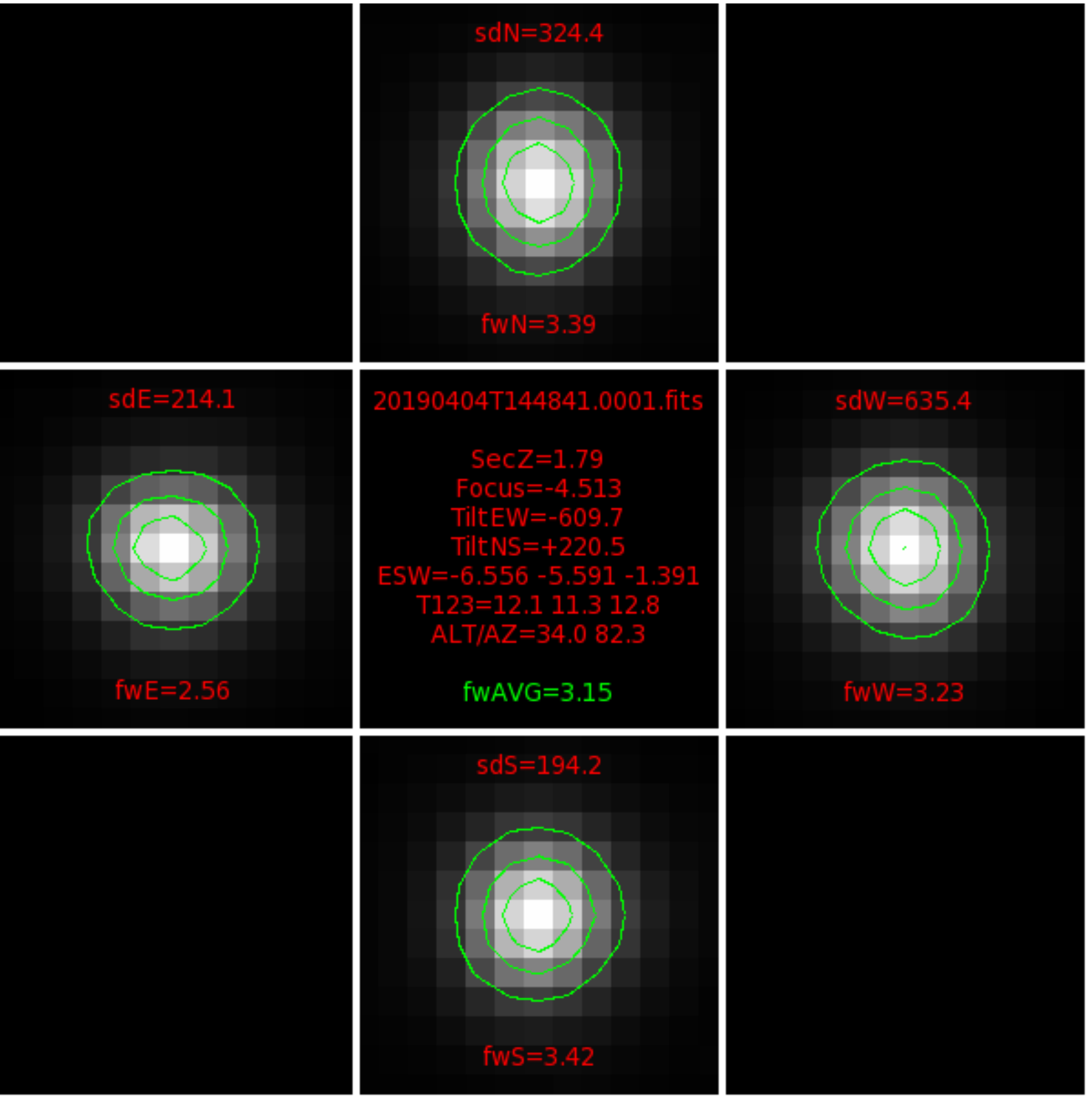

sdN=503.0
fwN=3.25
sdE=1309.1
fwE=3.09
20190404T144256.0001.fits
SecZ=1.74
Focus=-4.519
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.562 -5.597 -1.397
T123=12.1 11.2 12.8
ALT/AZ=35.1 74.4
fwAVG=2.86
sdW=1068.8
fwW=2.55
sdS=2000.3
fwS=2.55
0 0 0 0 0 0 0 0 0

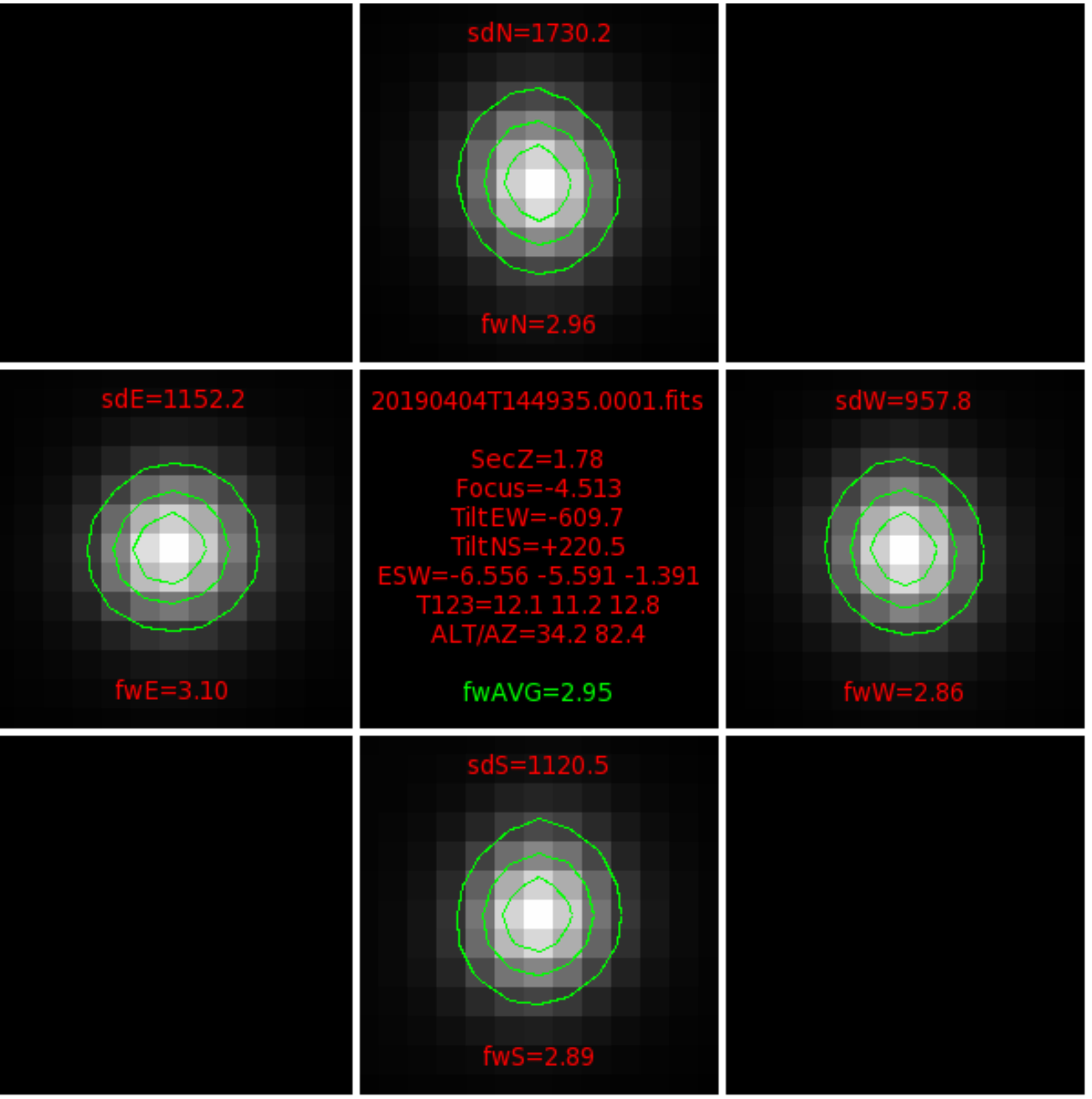

sdN=106.0
fwN=2.27
sdE=161.3
fwE=3.26
20190404T144430.0001.fits
SecZ=1.76
Focus=-4.513
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.556 -5.591 -1.391
T123=12.1 11.2 12.8
ALT/AZ=34.7 77.1
fwAVG=2.76
sdW=214.5
fwW=2.21
sdS=581.9
fwS=3.30
0 0 0 0 0 0 0 0 0

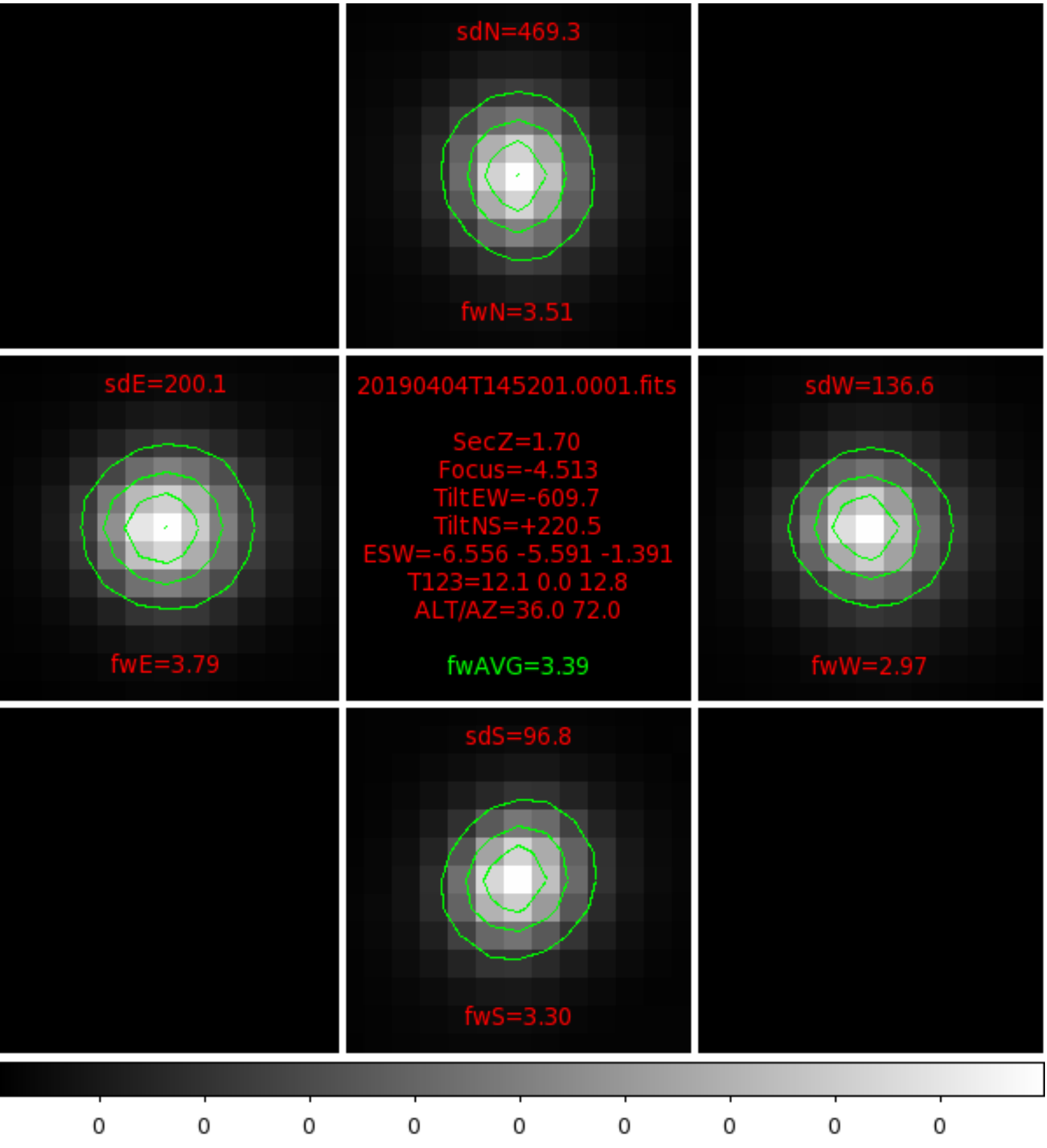

sdN=1061.4
fwN=3.38
sdE=634.6
fwE=3.35
20190404T144523.0001.fits
SecZ=1.75
Focus=-4.513
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.556 -5.591 -1.391
T123=12.1 11.3 12.8
ALT/AZ=34.9 77.2
fwAVG=3.24
sdW=657.7
fwW=3.08
sdS=1421.3
fwS=3.17
0 0 0 0 0 0 0 0 0

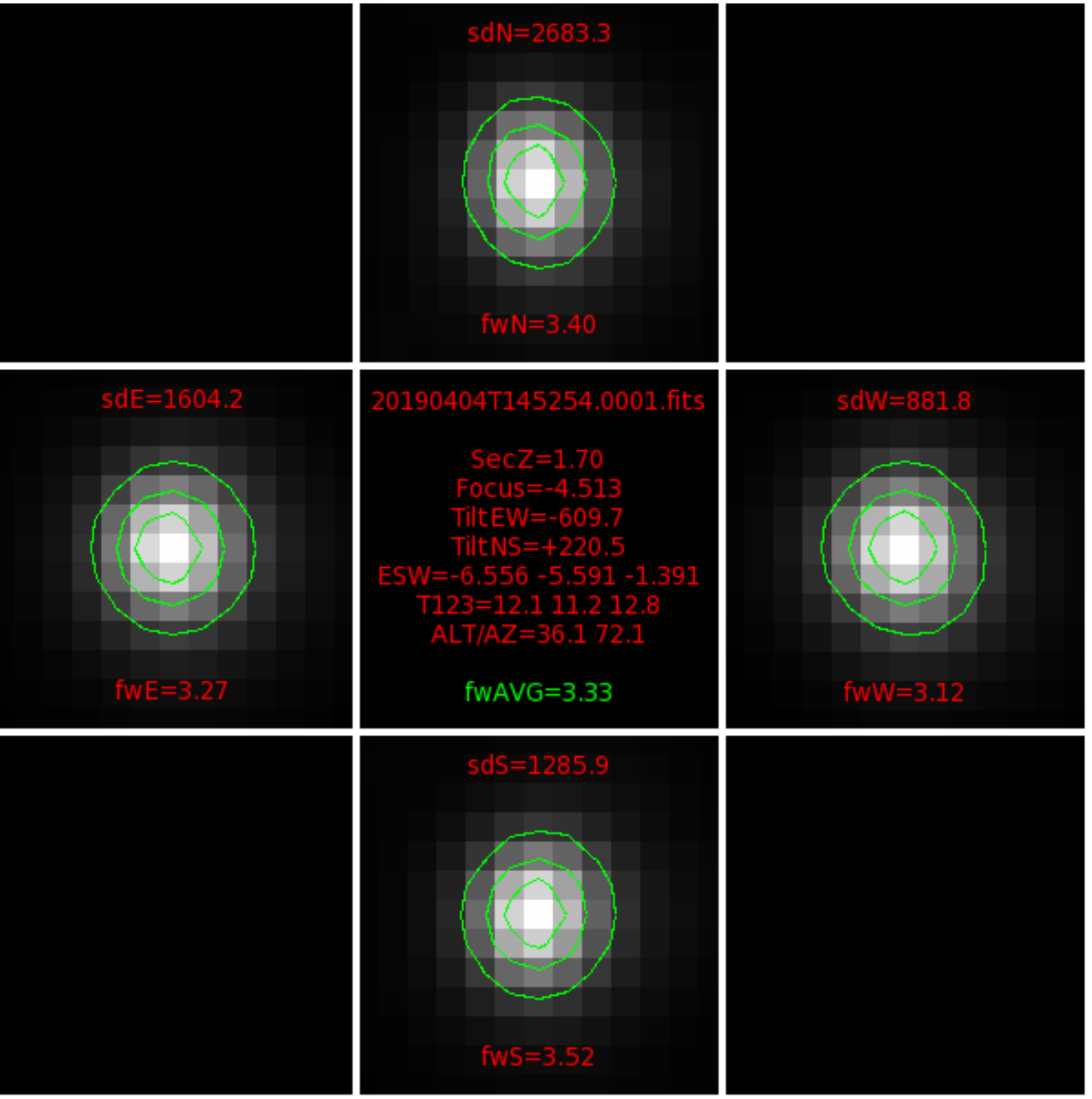

sdN=167.7
fwN=2.49
sdE=113.5
fwE=2.51
20190404T144629.0001.fits
SecZ=1.77
Focus=-4.513
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.556 -5.591 -1.391
T123=12.1 11.3 12.8
ALT/AZ=34.4 79.7
fwAVG=2.52
sdW=232.5
fwW=2.62
sdS=241.1
fwS=2.46
0 0 0 0 0 0 0 0 0

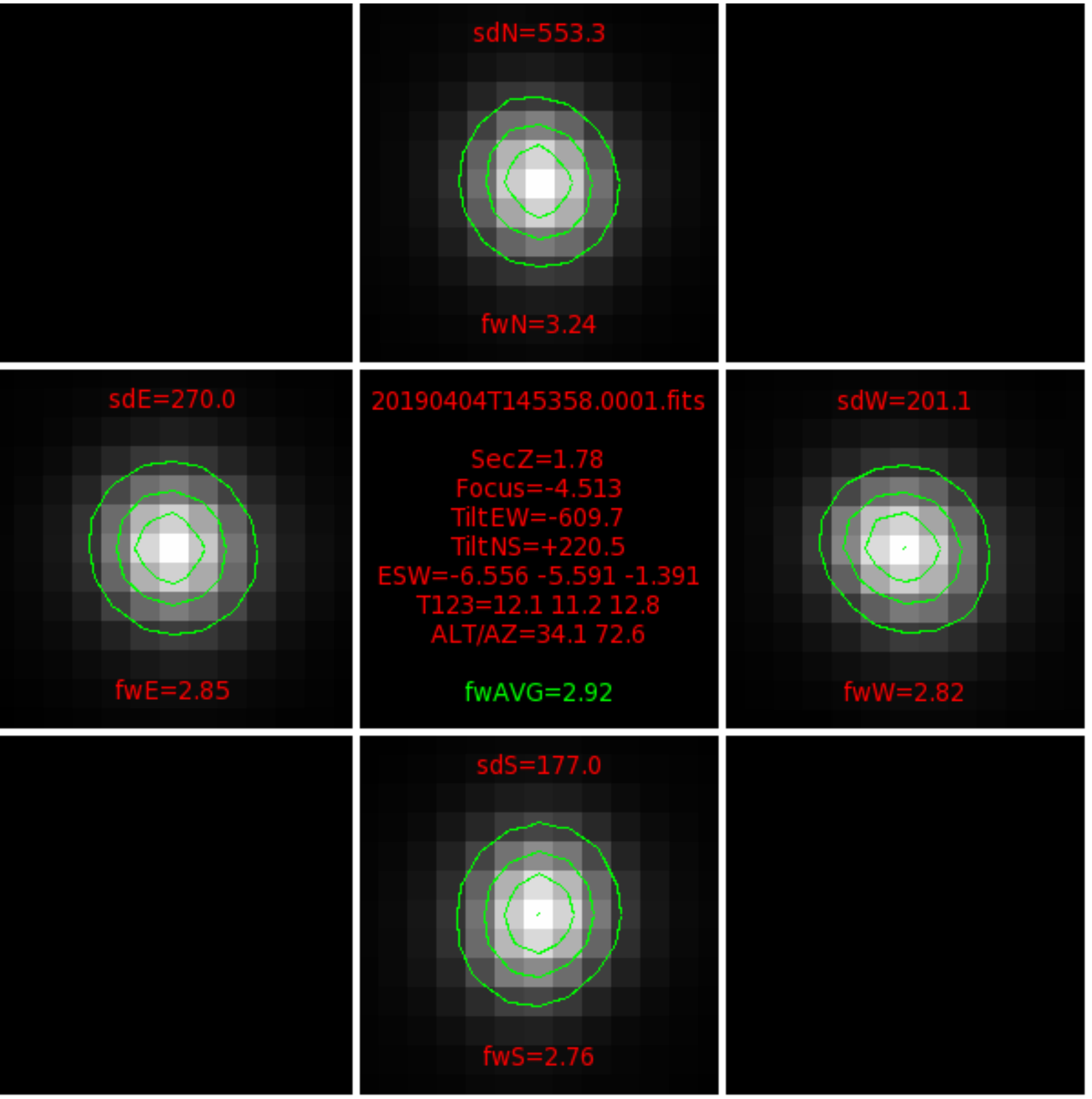

sdN=1451.7
fwN=3.26
sdE=967.9
fwE=3.08
20190404T144721.0001.fits
SecZ=1.76
Focus=-4.513
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.556 -5.591 -1.391
T123=12.1 11.2 12.8
ALT/AZ=34.5 79.8
fwAVG=3.16
sdW=2073.5
fwW=3.05
sdS=1166.2
fwS=3.26
0 0 0 0 0 0 0 0 0

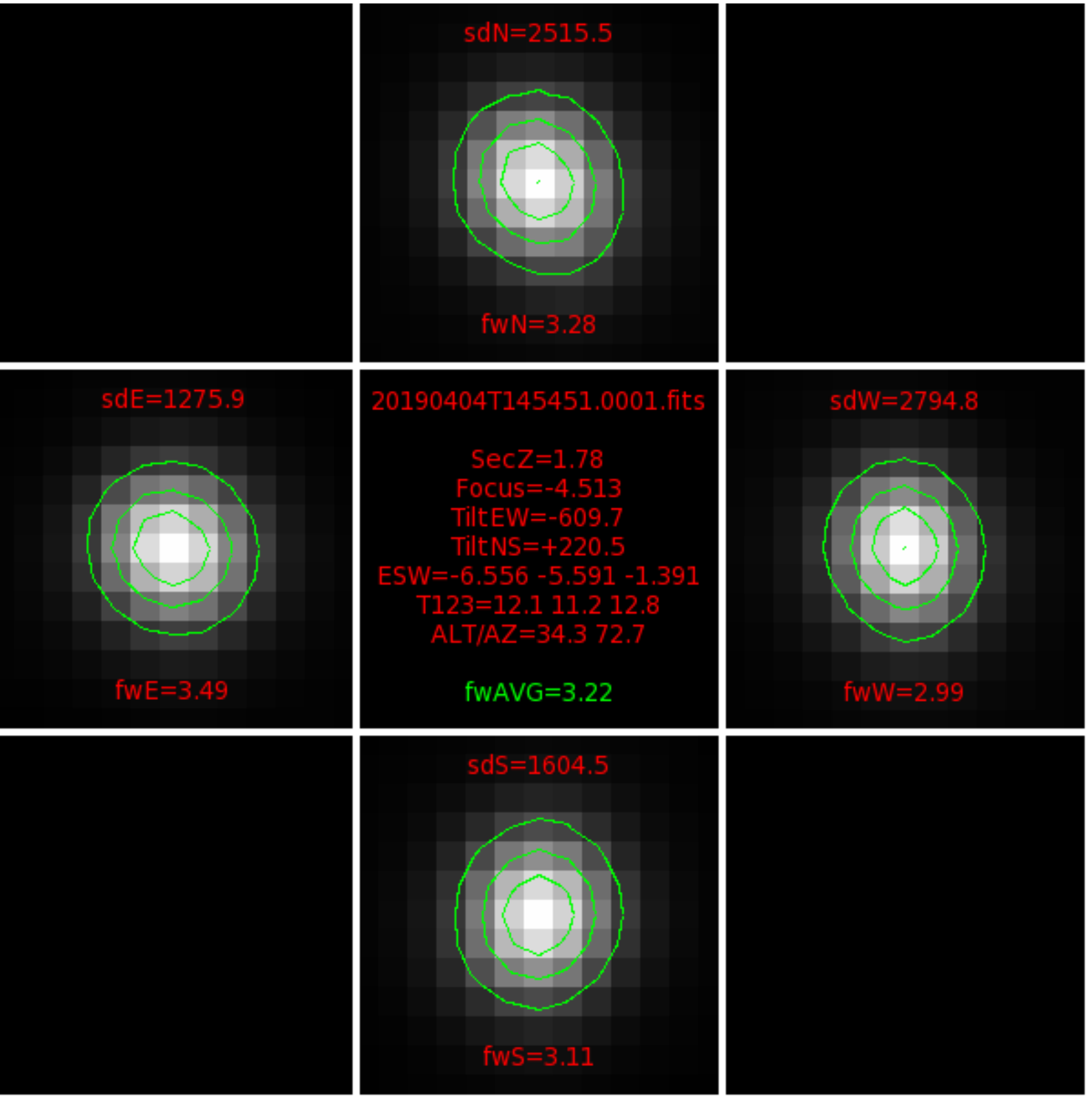

sdN=324.4
fwN=3.39
sdE=214.1
fwE=2.56
20190404T144841.0001.fits
SecZ=1.79
Focus=-4.513
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.556 -5.591 -1.391
T123=12.1 11.3 12.8
ALT/AZ=34.0 82.3
fwAVG=3.15
sdW=635.4
fwW=3.23
sdS=194.2
fwS=3.42
0 0 0 0 0 0 0 0 0


sdN=1730.2
fwN=2.96
sdE=1152.2
fwE=3.10
20190404T144935.0001.fits
SecZ=1.78
Focus=-4.513
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.556 -5.591 -1.391
T123=12.1 11.2 12.8
ALT/AZ=34.2 82.4
fwAVG=2.95
sdW=957.8
fwW=2.86
sdS=1120.5
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=469.3
fwN=3.51
sdE=200.1
fwE=3.79
20190404T145201.0001.fits
SecZ=1.70
Focus=-4.513
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.556 -5.591 -1.391
T123=12.1 0.0 12.8
ALT/AZ=36.0 72.0
fwAVG=3.39
sdW=136.6
fwW=2.97
sdS=96.8
fwS=3.30
0 0 0 0 0 0 0 0 0


sdN=2683.3
fwN=3.40
sdE=1604.2
fwE=3.27
20190404T145254.0001.fits
SecZ=1.70
Focus=-4.513
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.556 -5.591 -1.391
T123=12.1 11.2 12.8
ALT/AZ=36.1 72.1
fwAVG=3.33
sdW=881.8
fwW=3.12
sdS=1285.9
fwS=3.52
0 0 0 0 0 0 0 0 0


sdN=553.3
fwN=3.24
sdE=270.0
fwE=2.85
20190404T145358.0001.fits
SecZ=1.78
Focus=-4.513
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.556 -5.591 -1.391
T123=12.1 11.2 12.8
ALT/AZ=34.1 72.6
fwAVG=2.92
sdW=201.1
fwW=2.82
sdS=177.0
fwS=2.76
0 0 0 0 0 0 0 0 0


sdN=2515.5
fwN=3.28
sdE=1275.9
fwE=3.49
20190404T145451.0001.fits
SecZ=1.78
Focus=-4.513
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.556 -5.591 -1.391
T123=12.1 11.2 12.8
ALT/AZ=34.3 72.7
fwAVG=3.22
sdW=2794.8
fwW=2.99
sdS=1604.5
fwS=3.11
0 0 0 0 0 0 0 0 0