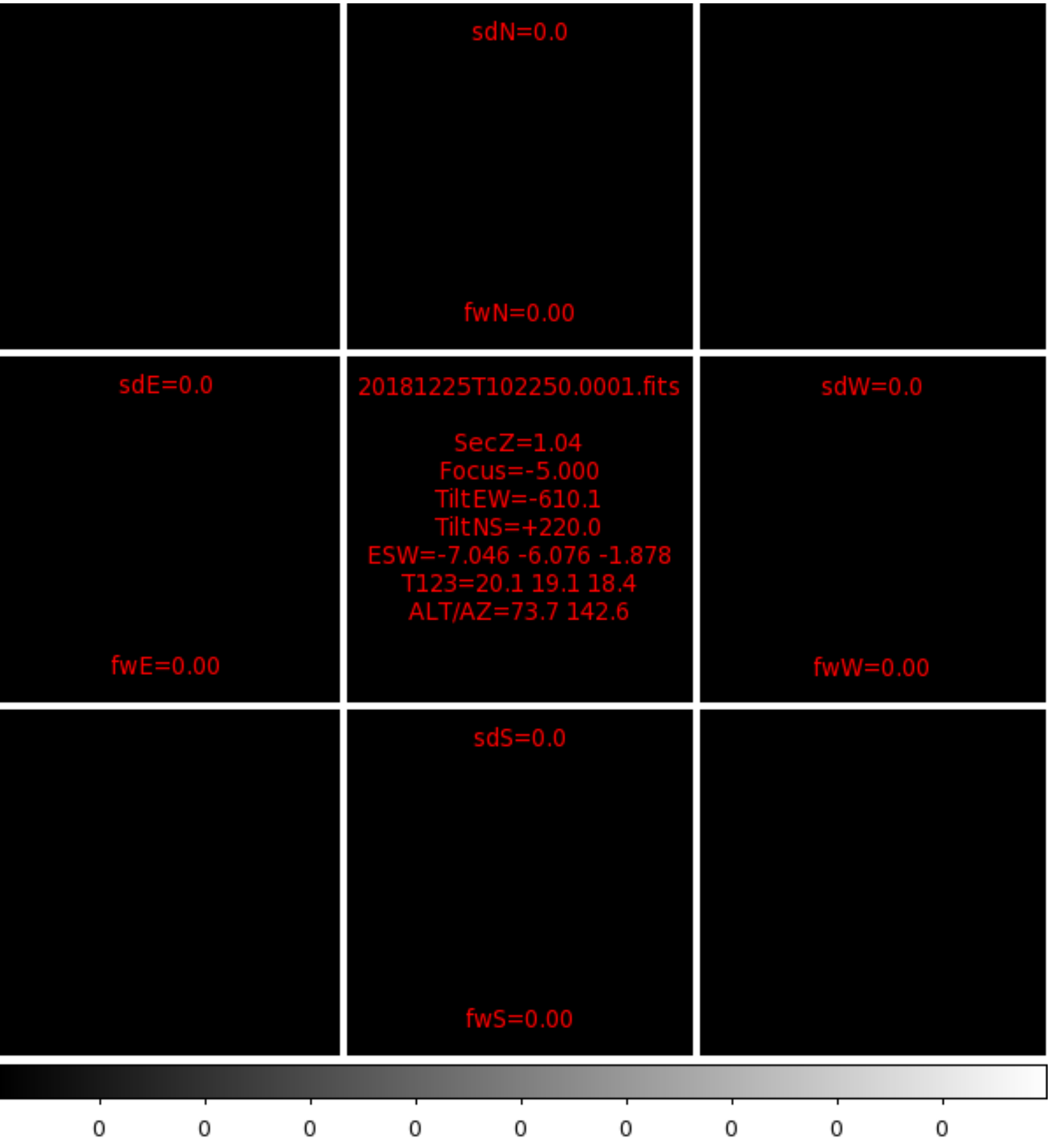
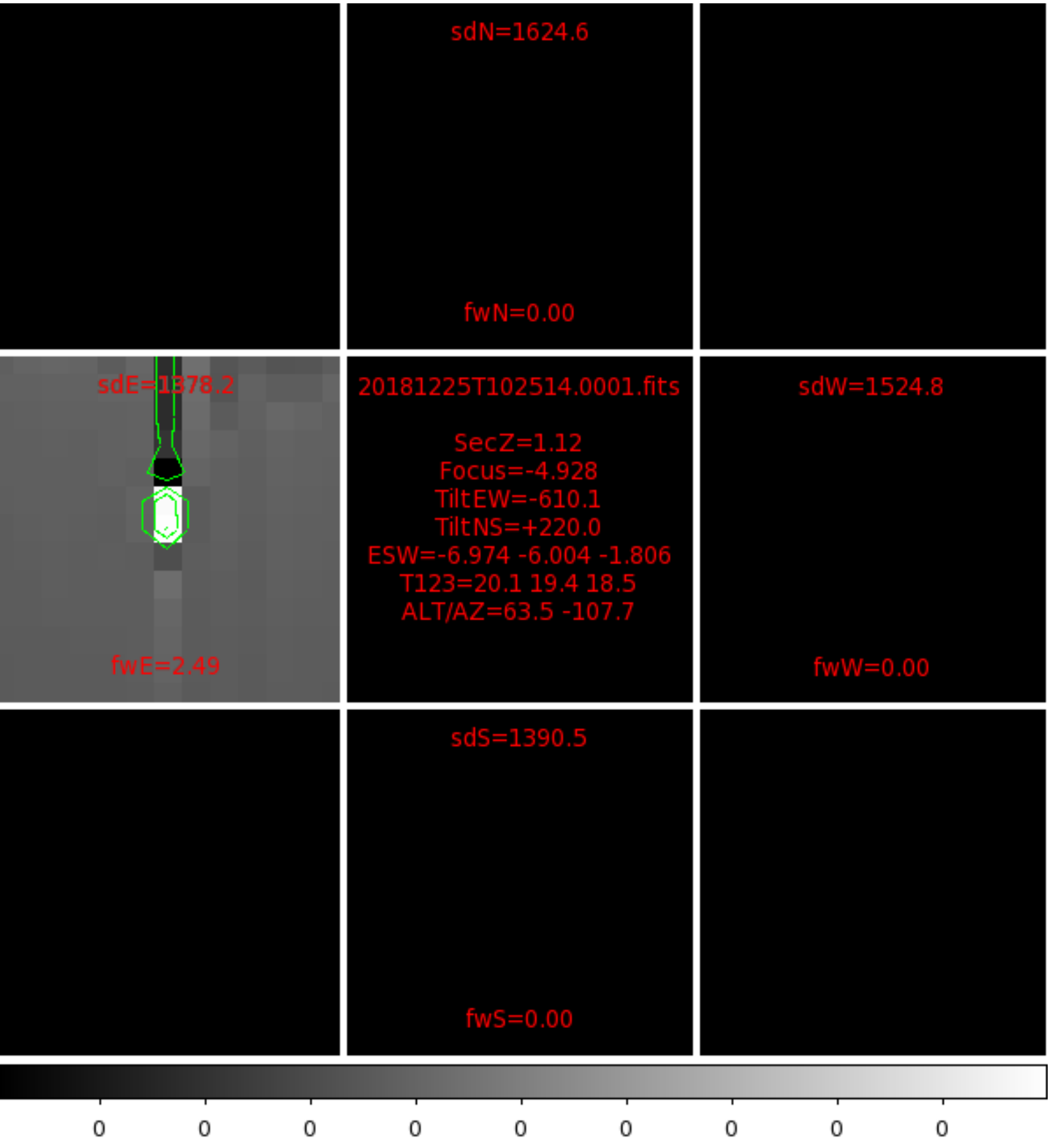
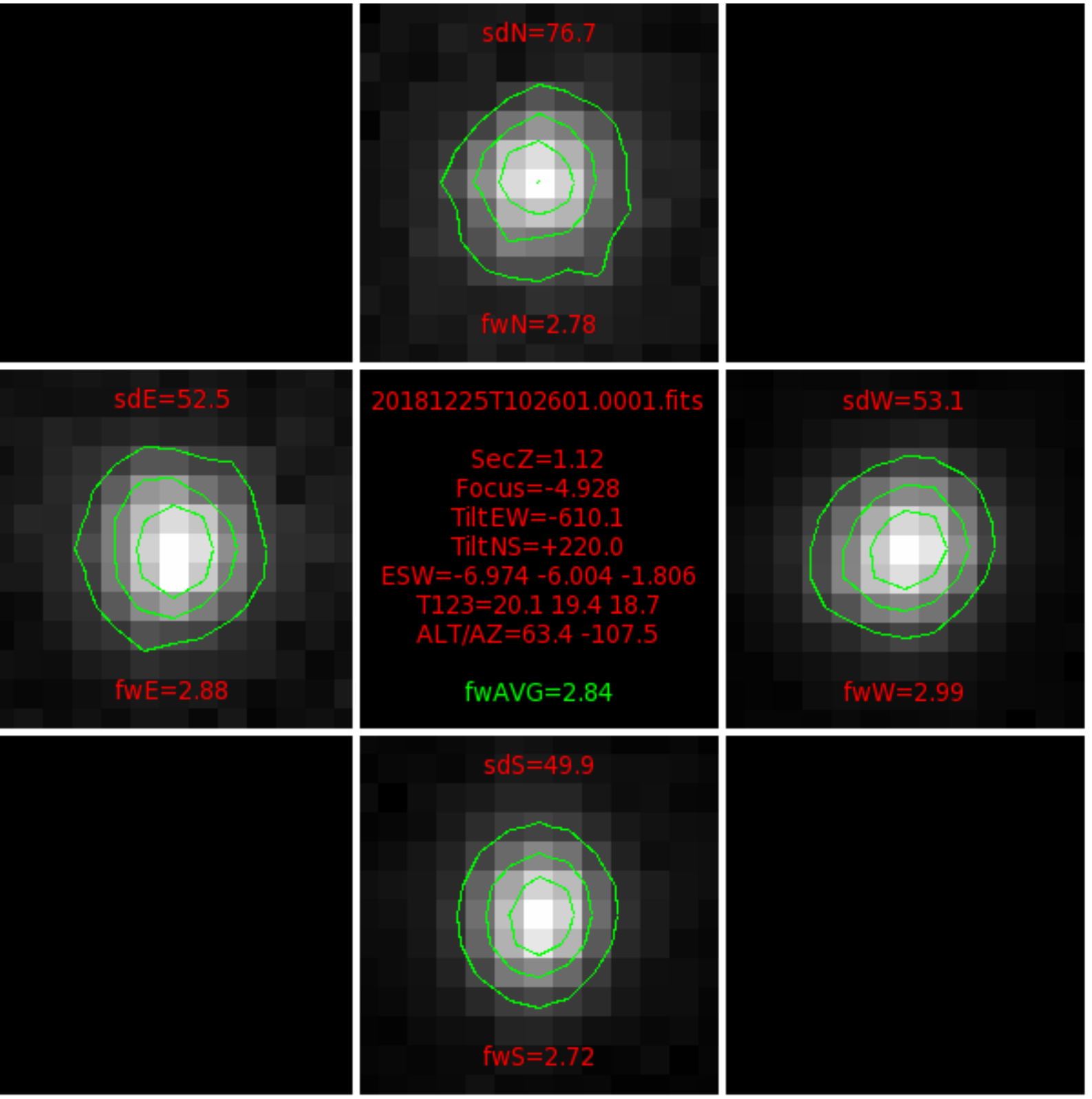
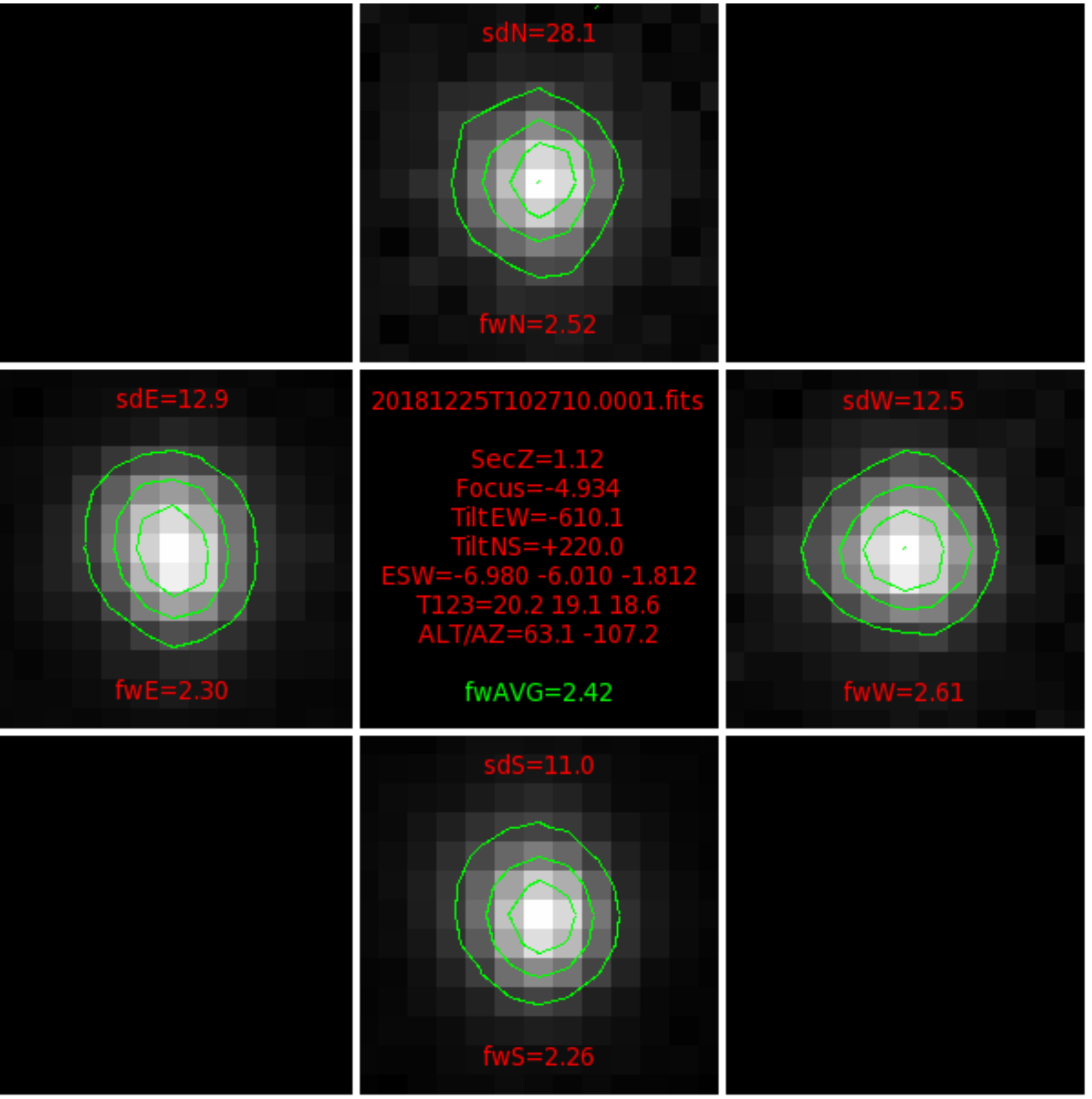
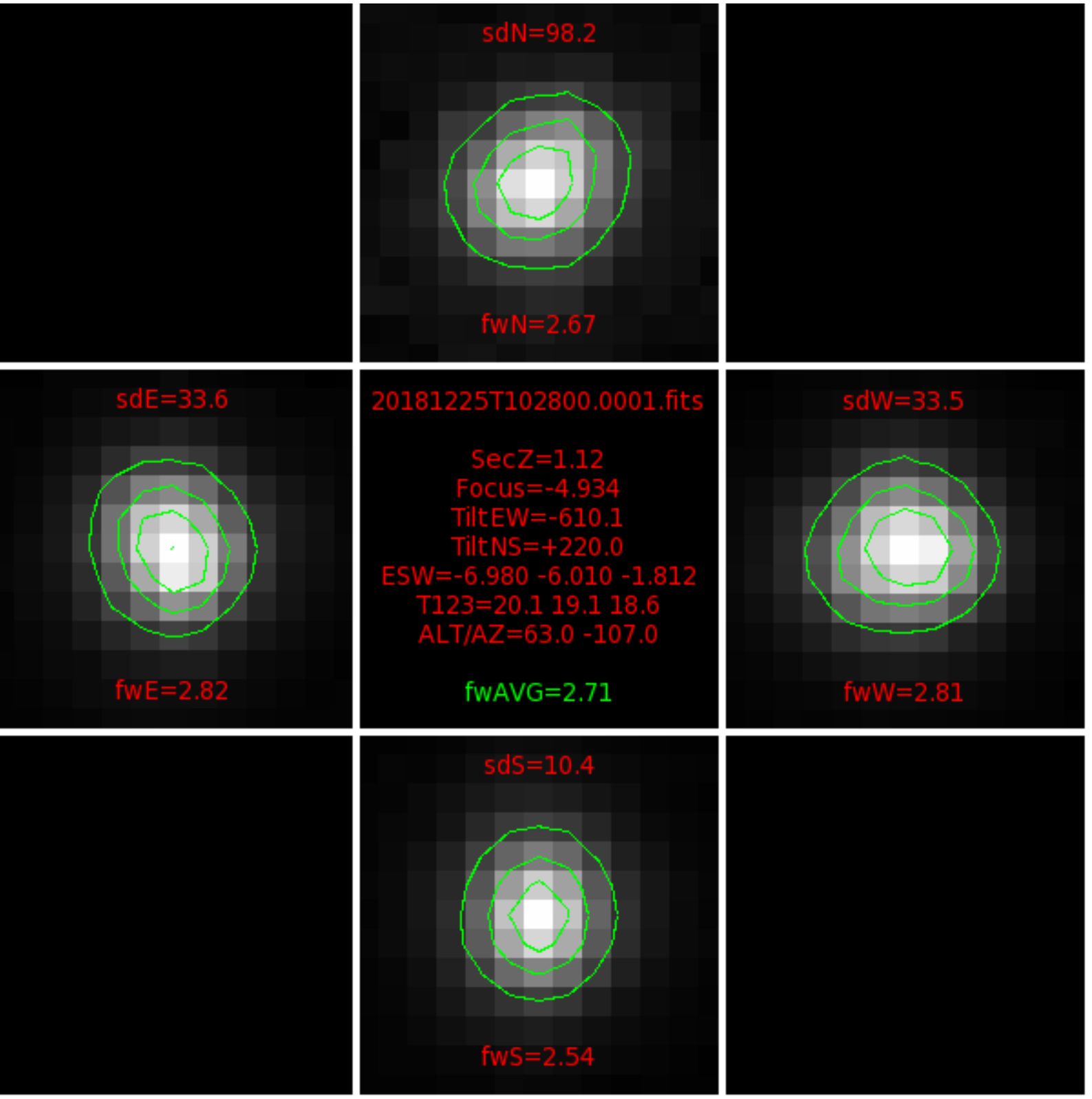
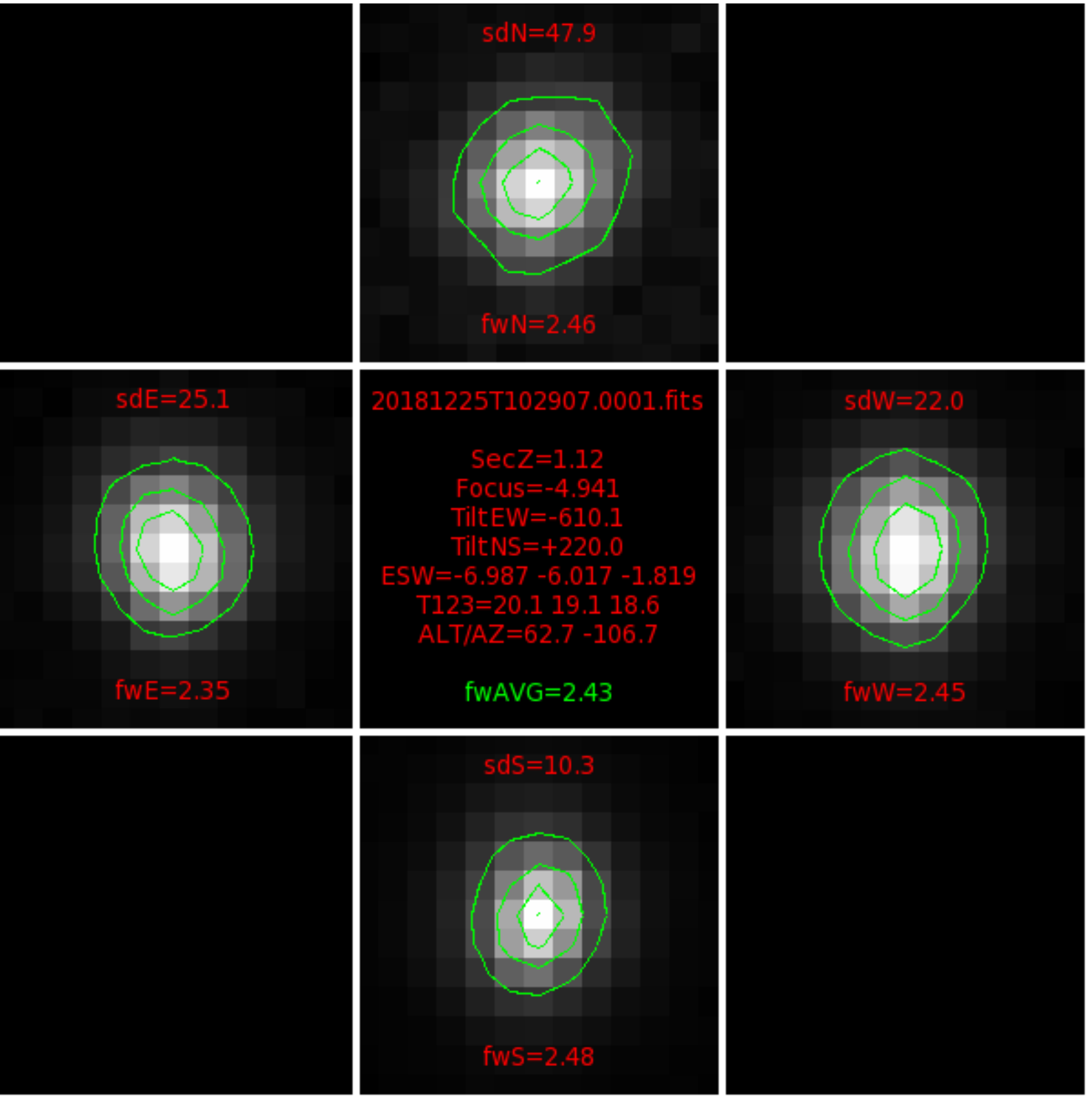

sdN=0.0
fwN=0.00
sdE=0.0
20181225T102250.0001.fits
SecZ=1.04
Focus=-5.000
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.046 -6.076 -1.878
T123=20.1 19.1 18.4
ALT/AZ=73.7 142.6
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
0 0 0 0 0 0 0 0 0

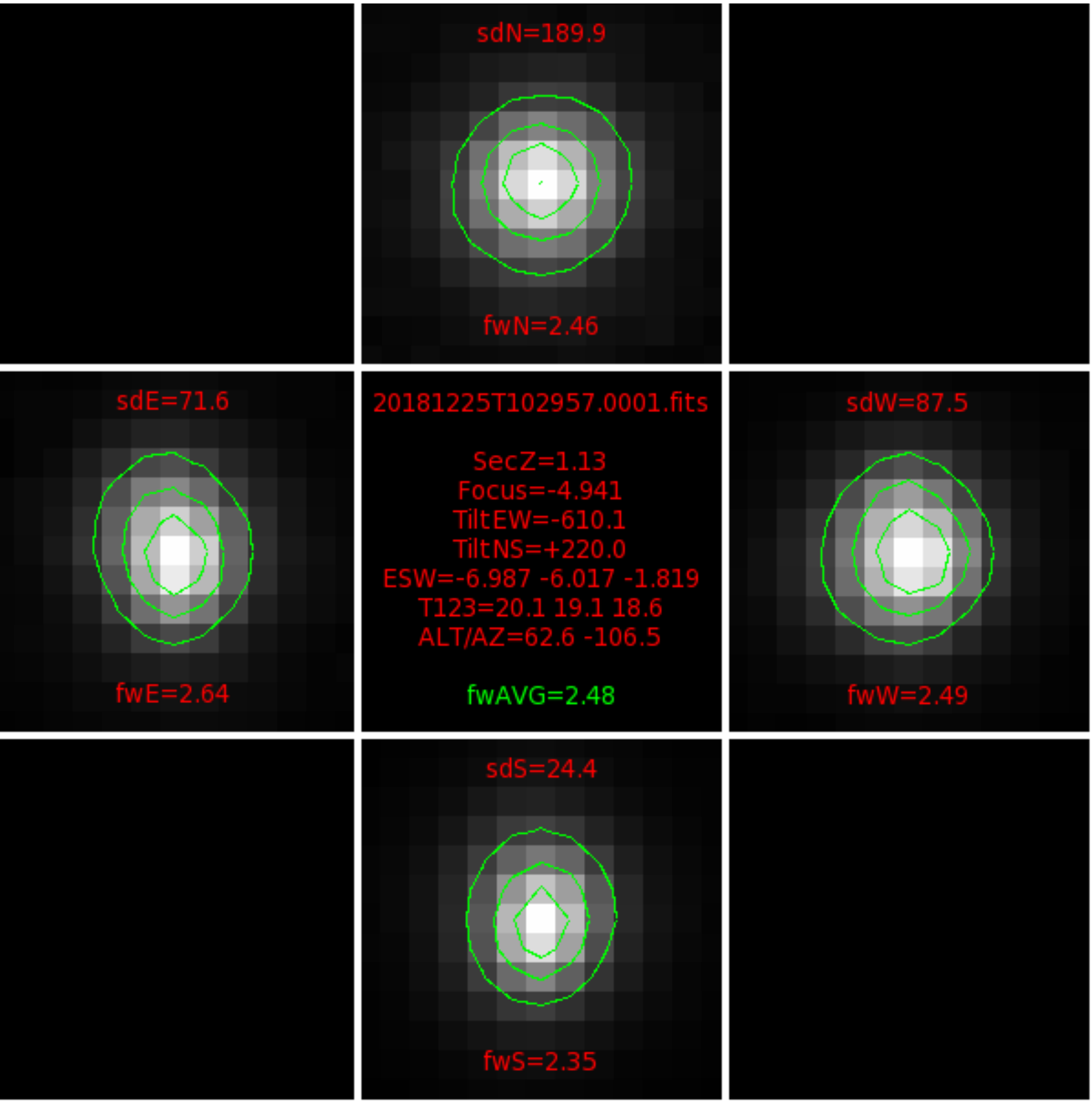

sdN=1624.6
fwN=0.00
sdE=1378.2
fwE=2.49
20181225T102514.0001.fits
SecZ=1.12
Focus=-4.928
TiltEW=-610.1
TiltNS=+220.0
ESW=-6.974 -6.004 -1.806
T123=20.1 19.4 18.5
ALT/AZ=63.5 -107.7
sdW=1524.8
fwW=0.00
sdS=1390.5
fwS=0.00
0 0 0 0 0 0 0 0 0

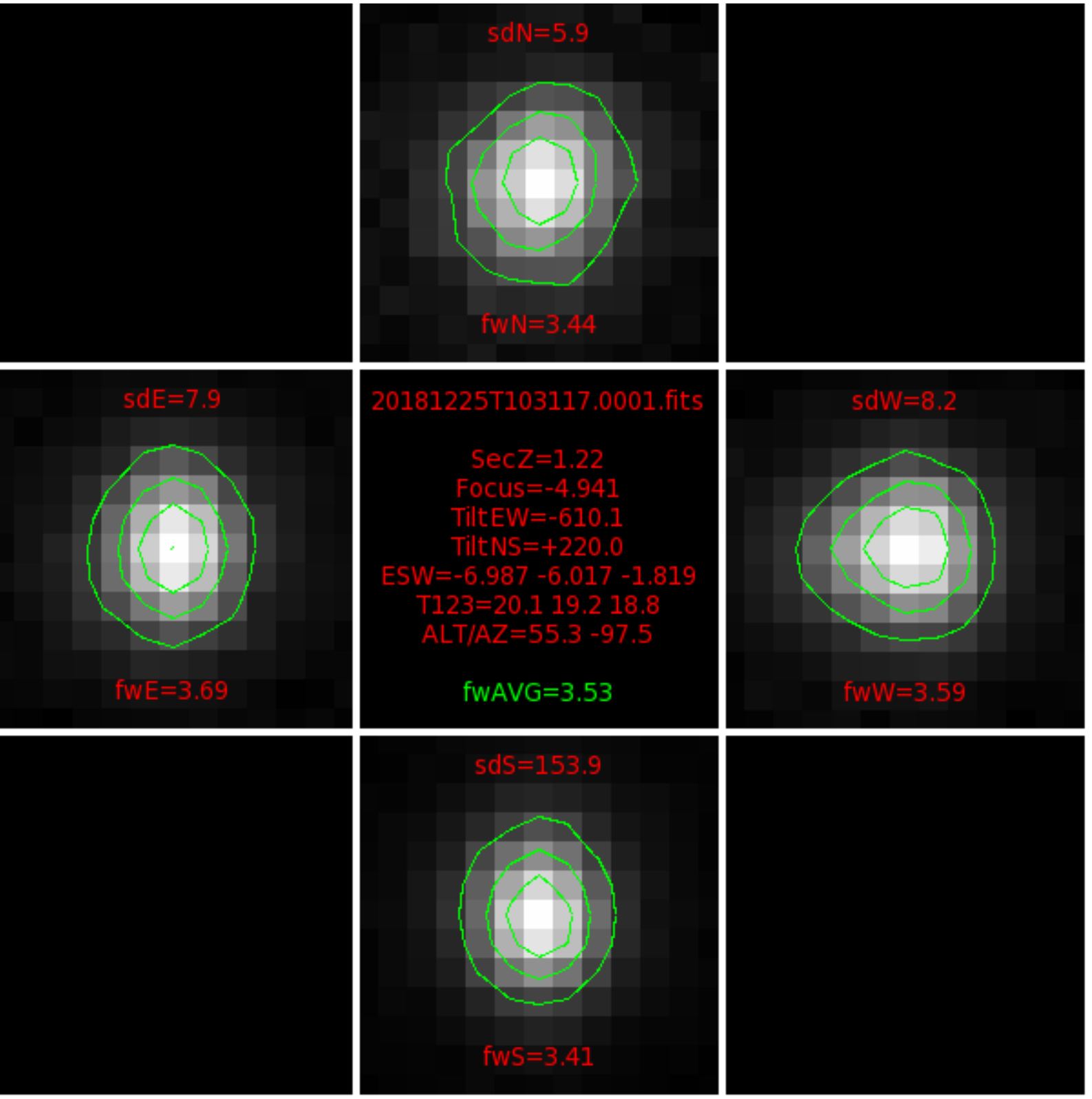

sdN=76.7
fwN=2.78
sdE=52.5
fwE=2.88
20181225T102601.0001.fits
SecZ=1.12
Focus=-4.928
TiltEW=-610.1
TiltNS=+220.0
ESW=-6.974 -6.004 -1.806
T123=20.1 19.4 18.7
ALT/AZ=63.4 -107.5
fwAVG=2.84
sdW=53.1
fwW=2.99
sdS=49.9
fwS=2.72
0 0 0 0 0 0 0 0 0

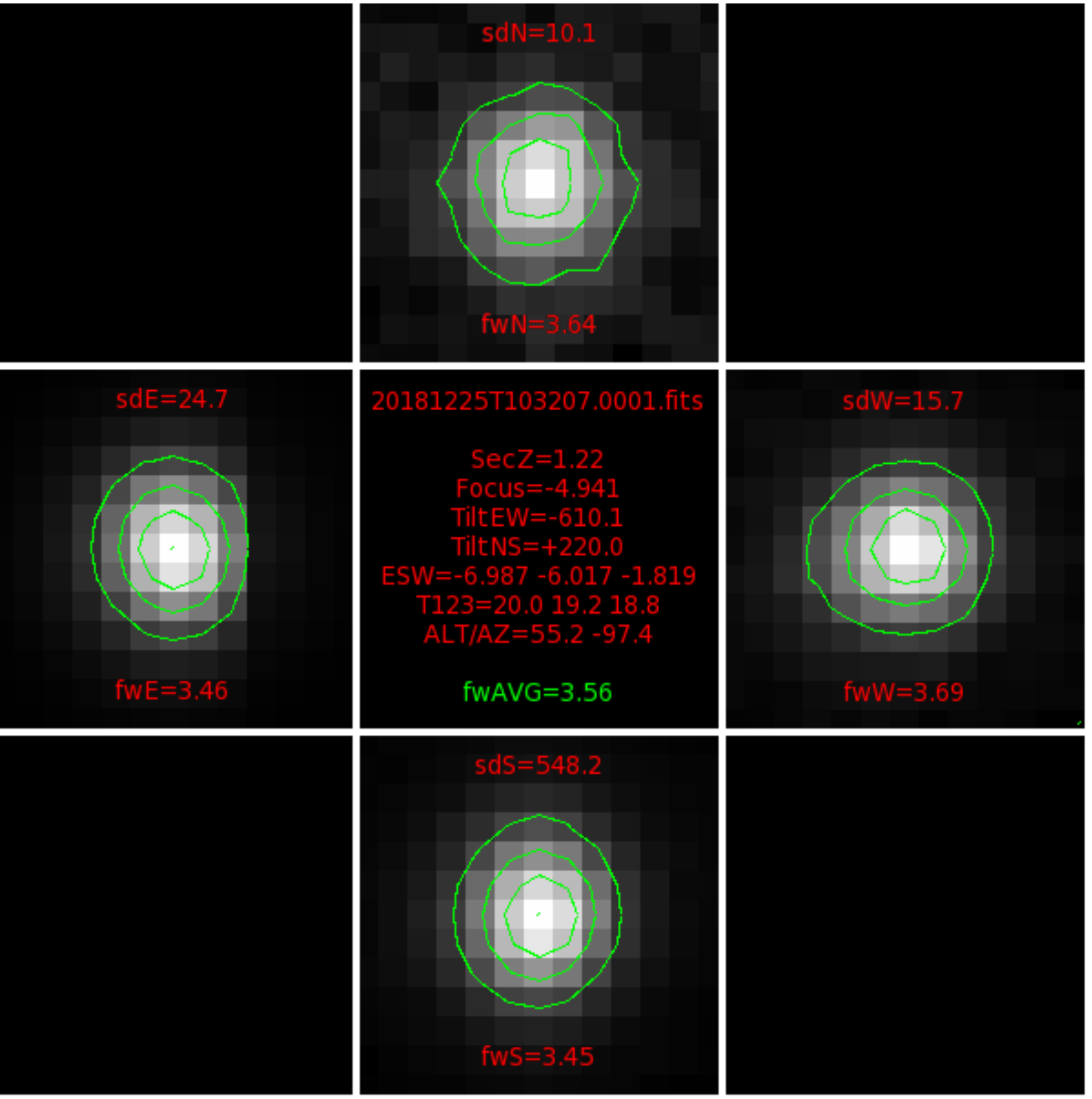

sdN=28.1
fwN=2.52
sdE=12.9
fwE=2.30
20181225T102710.0001.fits
SecZ=1.12
Focus=-4.934
TiltEW=-610.1
TiltNS=+220.0
ESW=-6.980 -6.010 -1.812
T123=20.2 19.1 18.6
ALT/AZ=63.1 -107.2
fwAVG=2.42
sdW=12.5
fwW=2.61
sdS=11.0
fwS=2.26
0 0 0 0 0 0 0 0 0

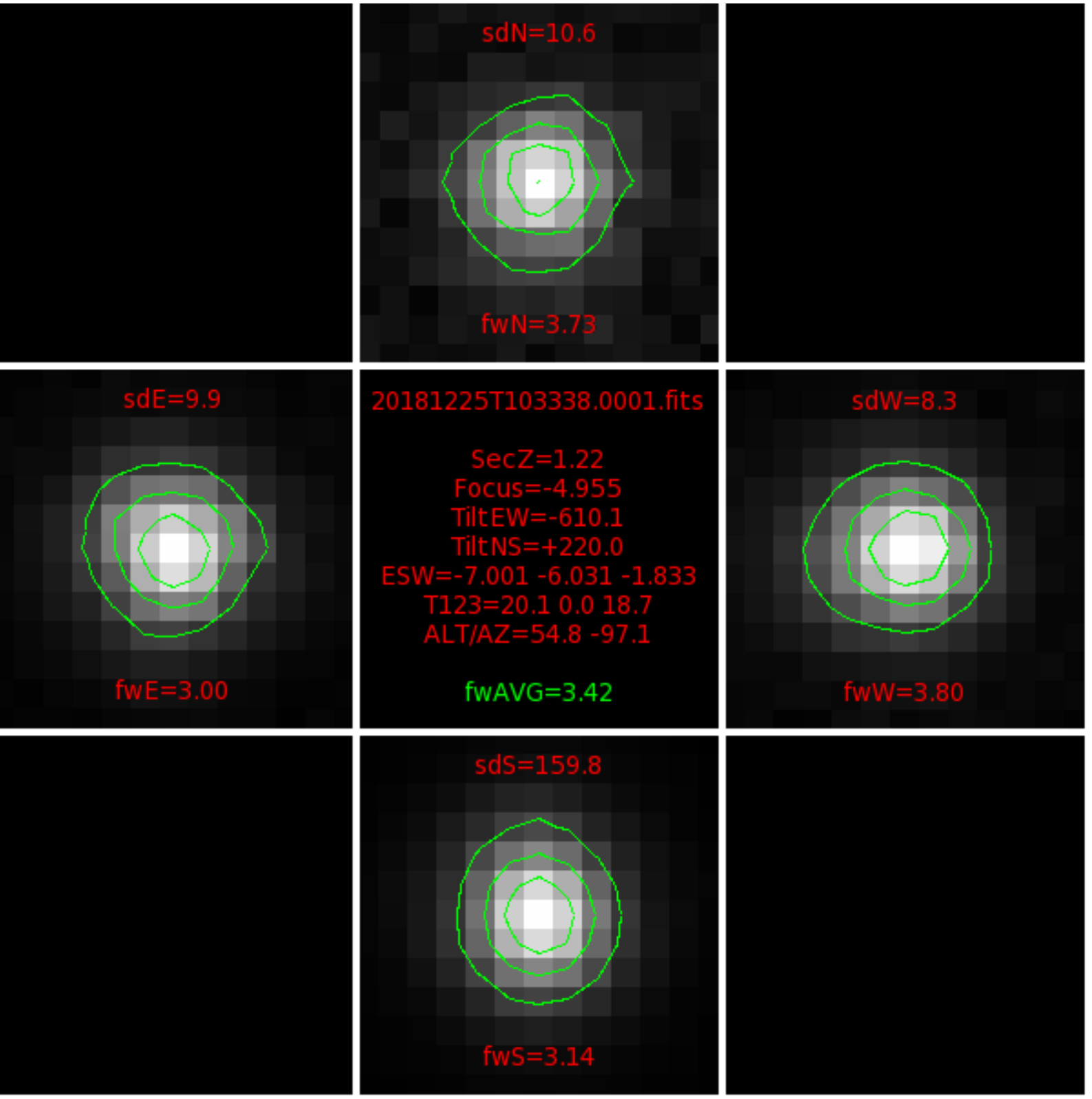

sdN=98.2
fwN=2.67
sdE=33.6
fwE=2.82
20181225T102800.0001.fits
SecZ=1.12
Focus=-4.934
TiltEW=-610.1
TiltNS=+220.0
ESW=-6.980 -6.010 -1.812
T123=20.1 19.1 18.6
ALT/AZ=63.0 -107.0
fwAVG=2.71
sdW=33.5
fwW=2.81
sdS=10.4
fwS=2.54
0 0 0 0 0 0 0 0 0

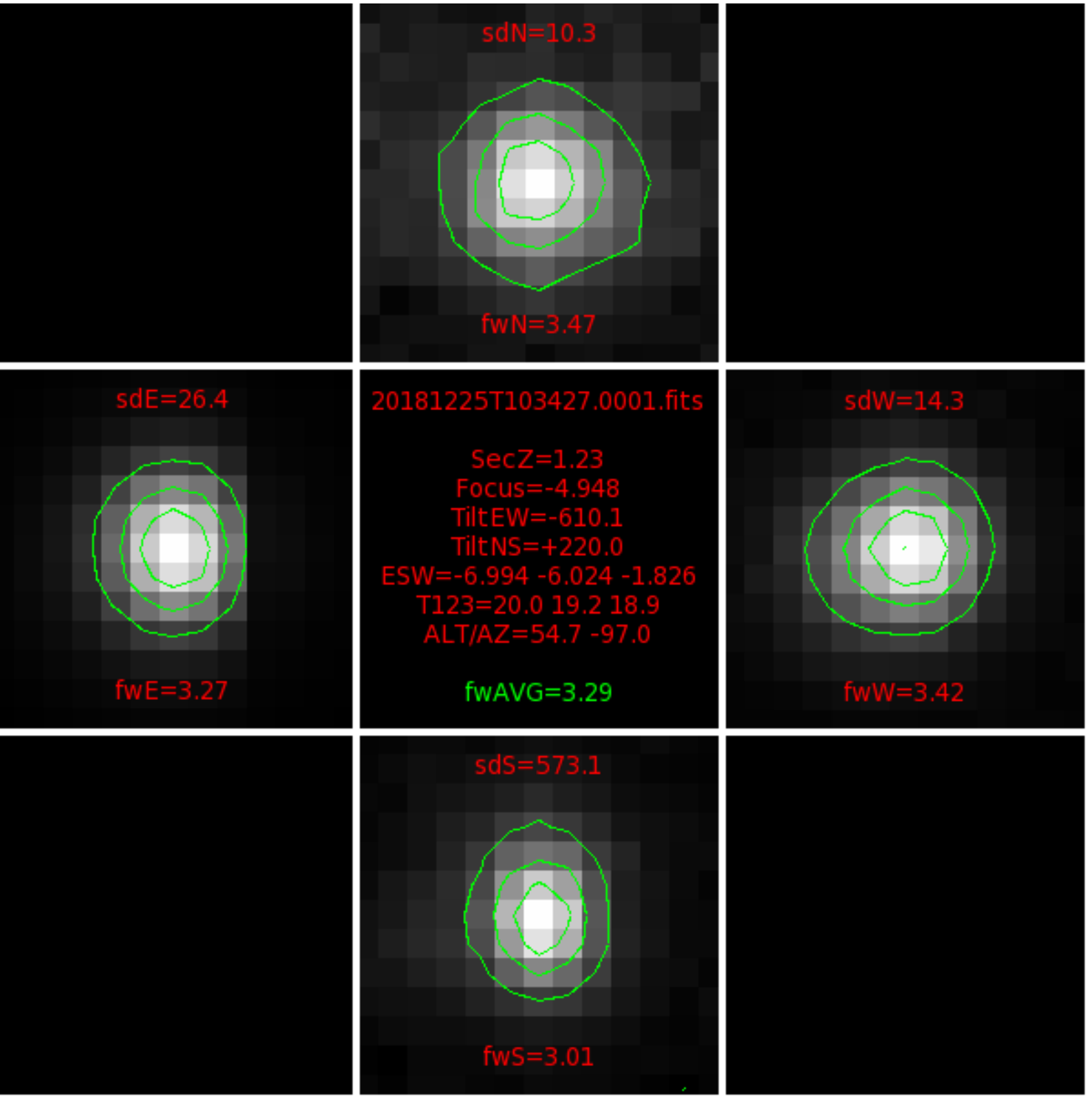

sdN=47.9
fwN=2.46
sdE=25.1
fwE=2.35
20181225T102907.0001.fits
SecZ=1.12
Focus=-4.941
TiltEW=-610.1
TiltNS=+220.0
ESW=-6.987 -6.017 -1.819
T123=20.1 19.1 18.6
ALT/AZ=62.7 -106.7
fwAVG=2.43
sdW=22.0
fwW=2.45
sdS=10.3
fwS=2.48
0 0 0 0 0 0 0 0 0

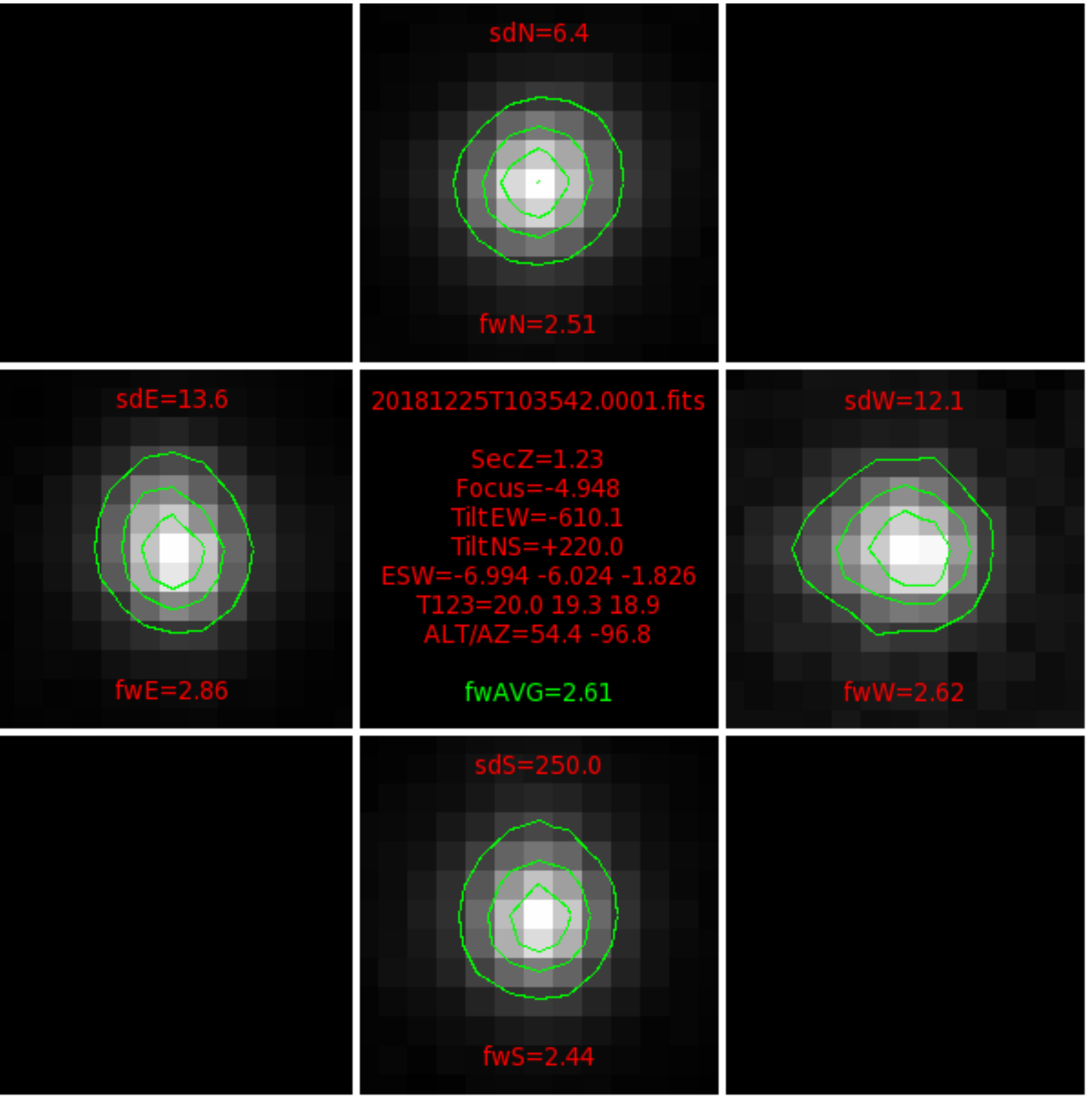

sdN=189.9
fwN=2.46
sdE=71.6
fwE=2.64
20181225T102957.0001.fits
SecZ=1.13
Focus=-4.941
TiltEW=-610.1
TiltNS=+220.0
ESW=-6.987 -6.017 -1.819
T123=20.1 19.1 18.6
ALT/AZ=62.6 -106.5
fwAVG=2.48
sdW=87.5
fwW=2.49
sdS=24.4
fwS=2.35
0 0 0 0 0 0 0 0 0

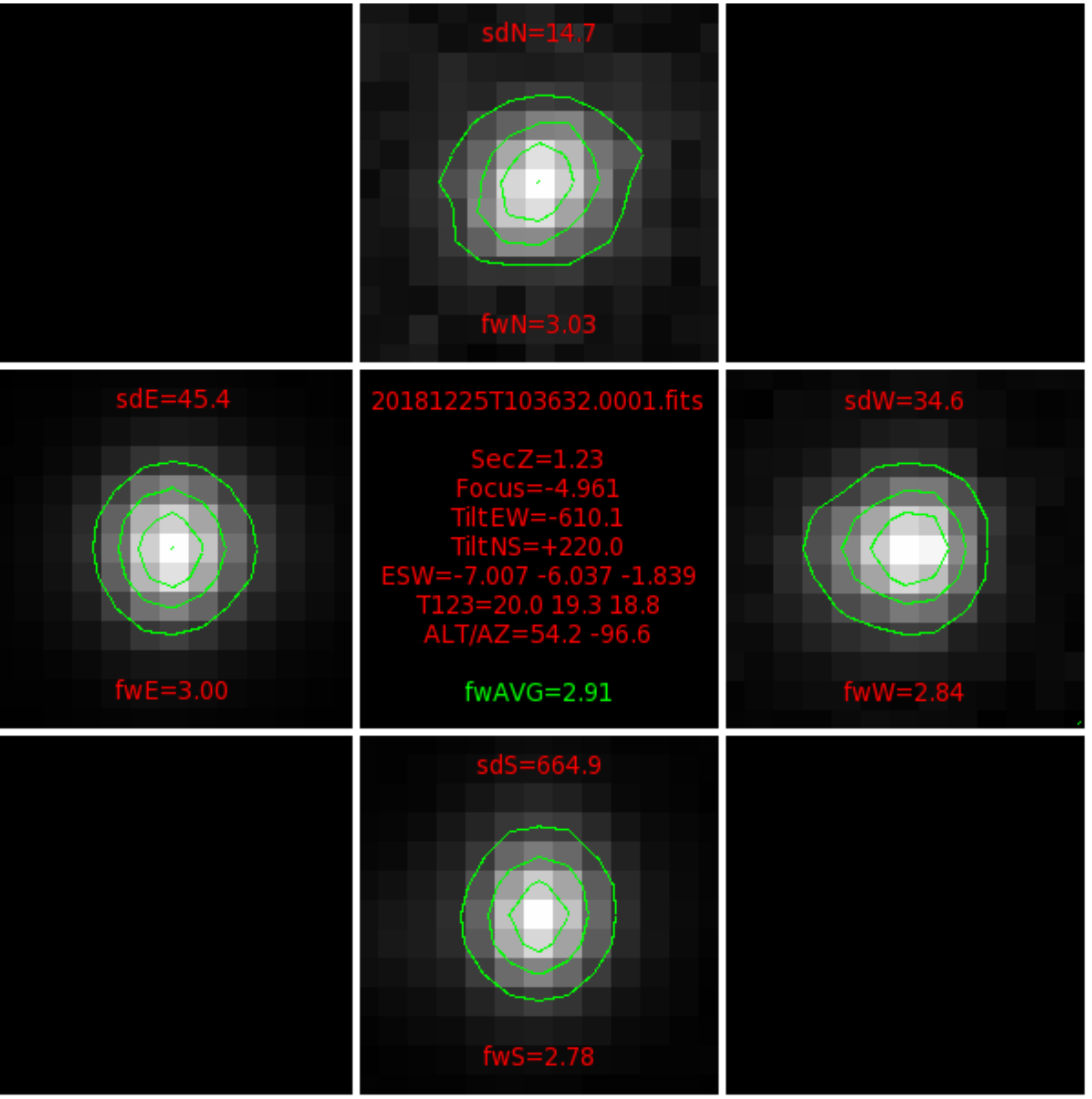

sdN=5.9
fwN=3.44
sdE=7.9
fwE=3.69
20181225T103117.0001.fits
SecZ=1.22
Focus=-4.941
TiltEW=-610.1
TiltNS=+220.0
ESW=-6.987 -6.017 -1.819
T123=20.1 19.2 18.8
ALT/AZ=55.3 -97.5
fwAVG=3.53
sdW=8.2
fwW=3.59
sdS=153.9
fwS=3.41
0 0 0 0 0 0 0 0 0

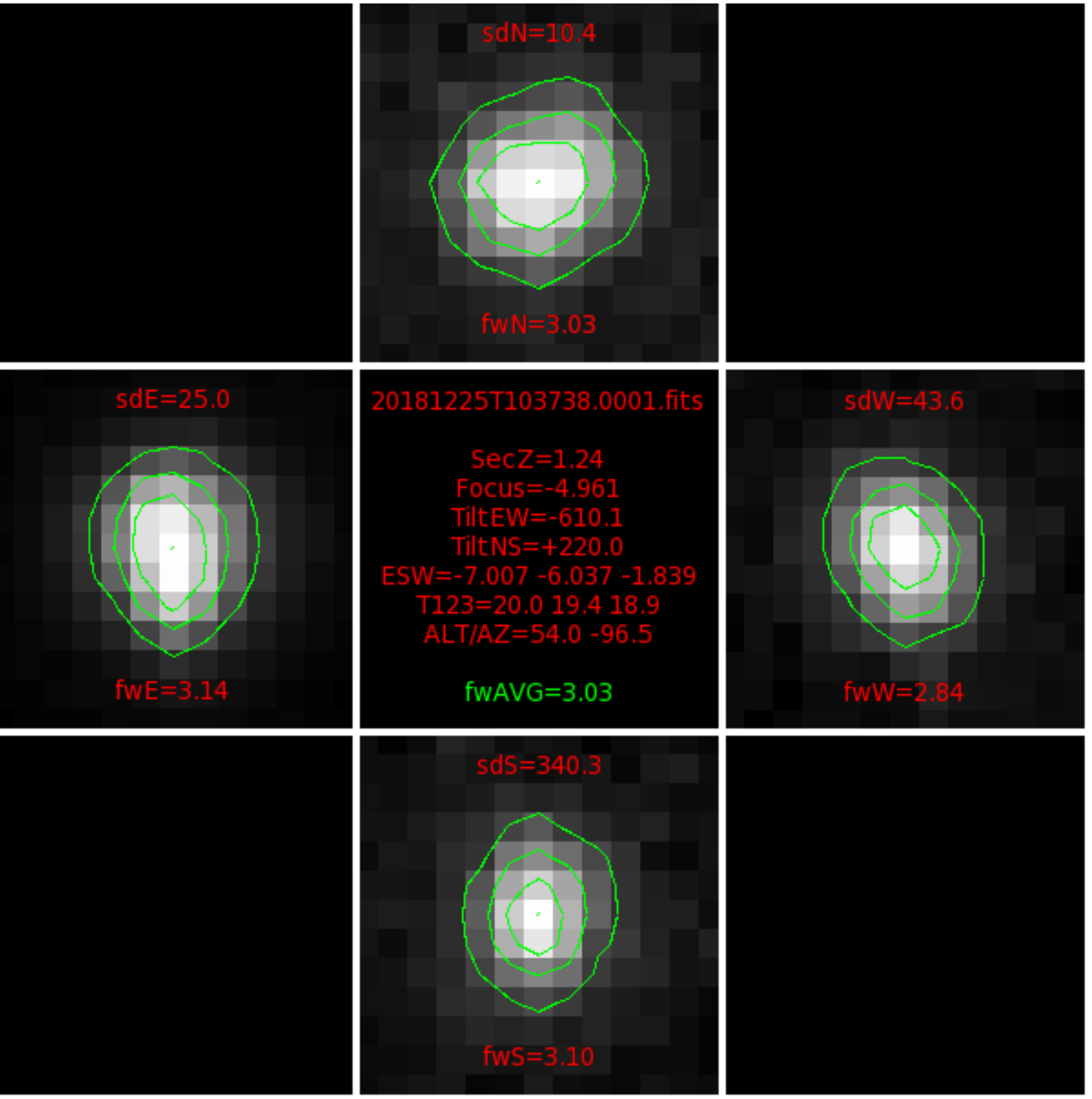

sdN=10.1
fwN=3.64
sdE=24.7
fwE=3.46
20181225T103207.0001.fits
SecZ=1.22
Focus=-4.941
TiltEW=-610.1
TiltNS=+220.0
ESW=-6.987 -6.017 -1.819
T123=20.0 19.2 18.8
ALT/AZ=55.2 -97.4
fwAVG=3.56
sdW=15.7
fwW=3.69
sdS=548.2
fwS=3.45
0 0 0 0 0 0 0 0 0

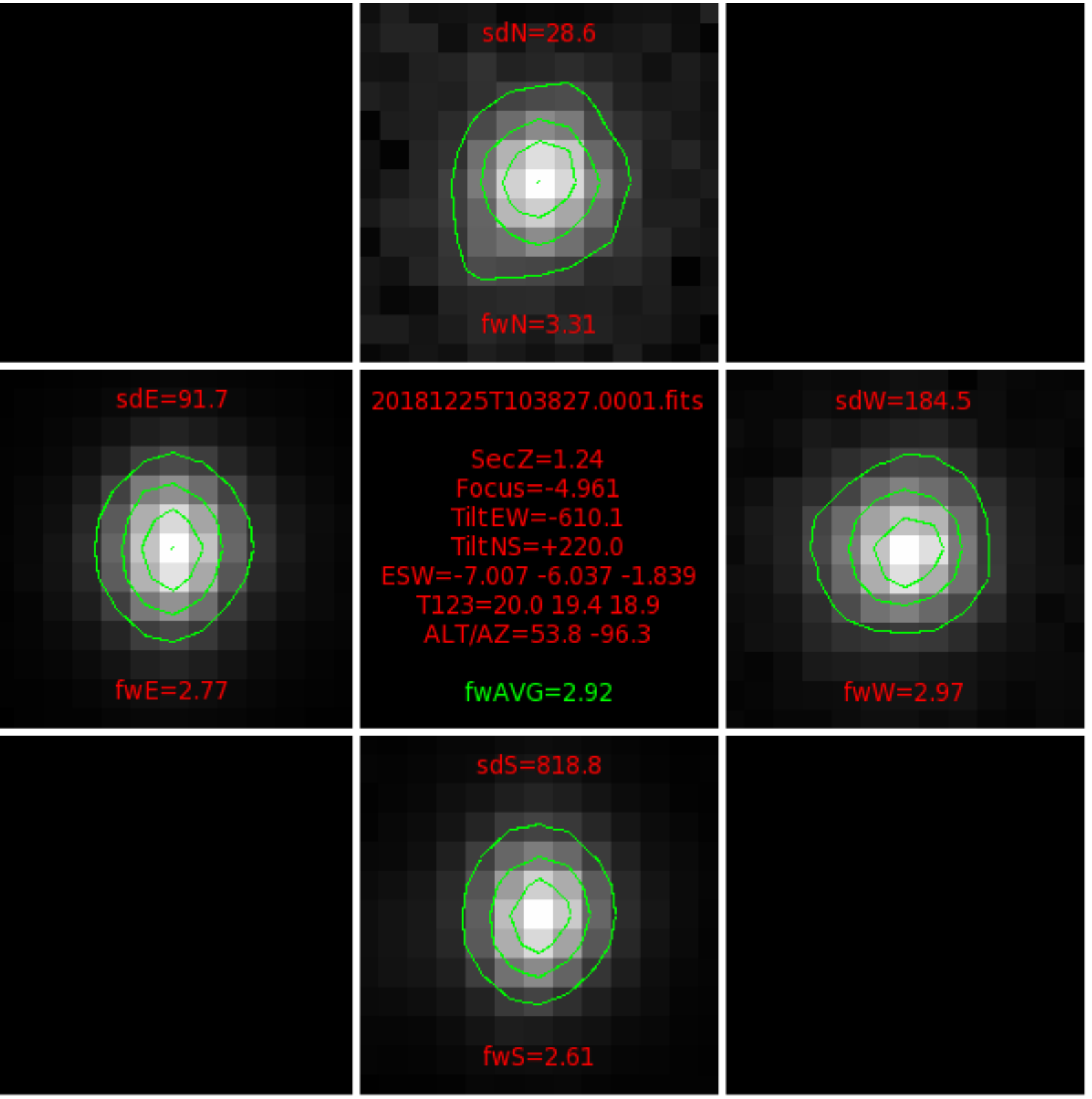

sdN=10.6
fwN=3.73
sdE=9.9
fwE=3.00
20181225T103338.0001.fits
SecZ=1.22
Focus=-4.955
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.001 -6.031 -1.833
T123=20.1 0.0 18.7
ALT/AZ=54.8 -97.1
fwAVG=3.42
sdW=8.3
fwW=3.80
sdS=159.8
fwS=3.14
0 0 0 0 0 0 0 0 0

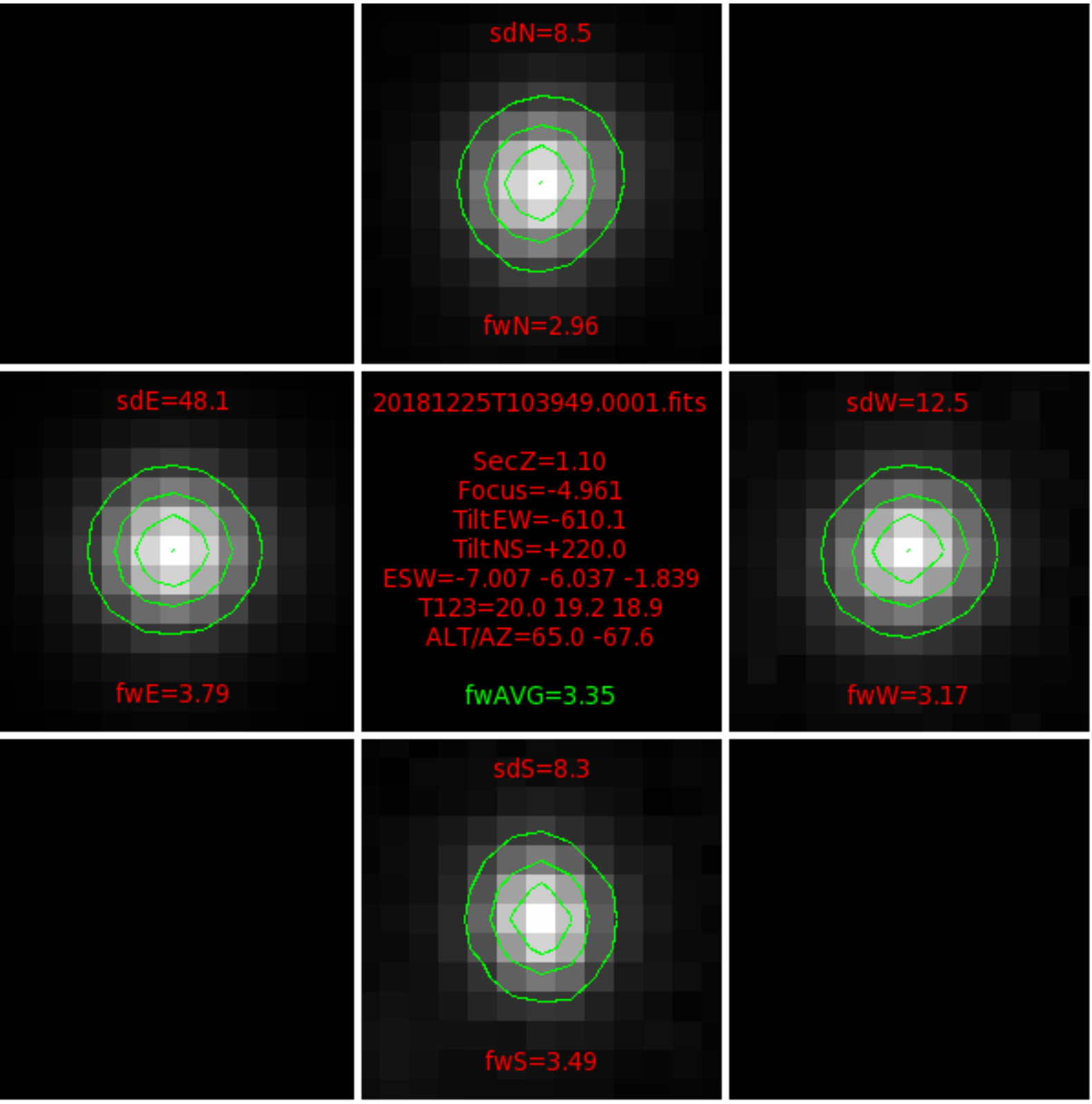

sdN=10.3
fwN=3.47
sdE=26.4
fwE=3.27
20181225T103427.0001.fits
SecZ=1.23
Focus=-4.948
TiltEW=-610.1
TiltNS=+220.0
ESW=-6.994 -6.024 -1.826
T123=20.0 19.2 18.9
ALT/AZ=54.7 -97.0
fwAVG=3.29
sdW=14.3
fwW=3.42
sdS=573.1
fwS=3.01
0 0 0 0 0 0 0 0 0

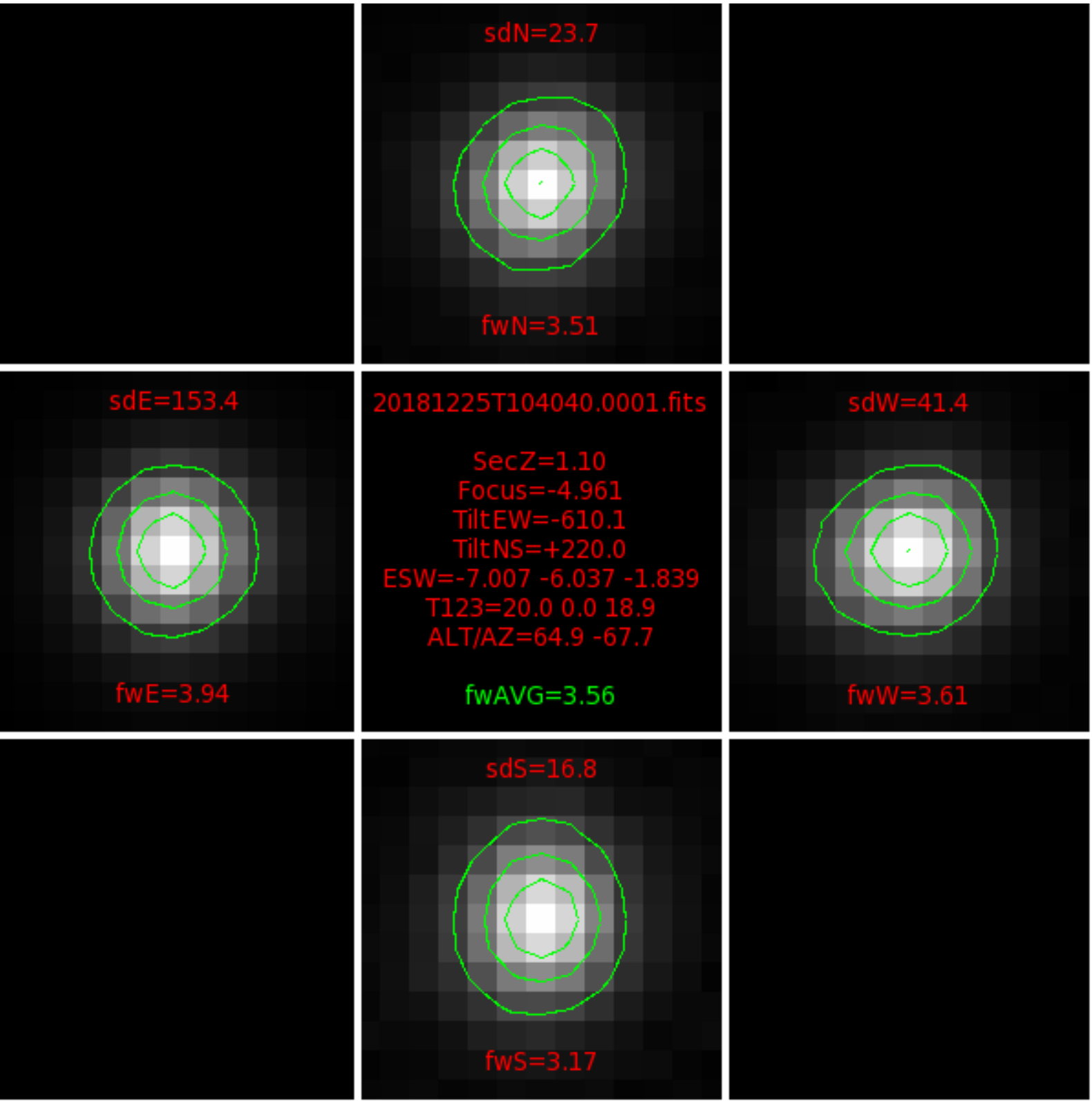

sdN=6.4
fwN=2.51
sdE=13.6
fwE=2.86
20181225T103542.0001.fits
SecZ=1.23
Focus=-4.948
TiltEW=-610.1
TiltNS=+220.0
ESW=-6.994 -6.024 -1.826
T123=20.0 19.3 18.9
ALT/AZ=54.4 -96.8
fwAVG=2.61
sdW=12.1
fwW=2.62
sdS=250.0
fwS=2.44
0 0 0 0 0 0 0 0 0

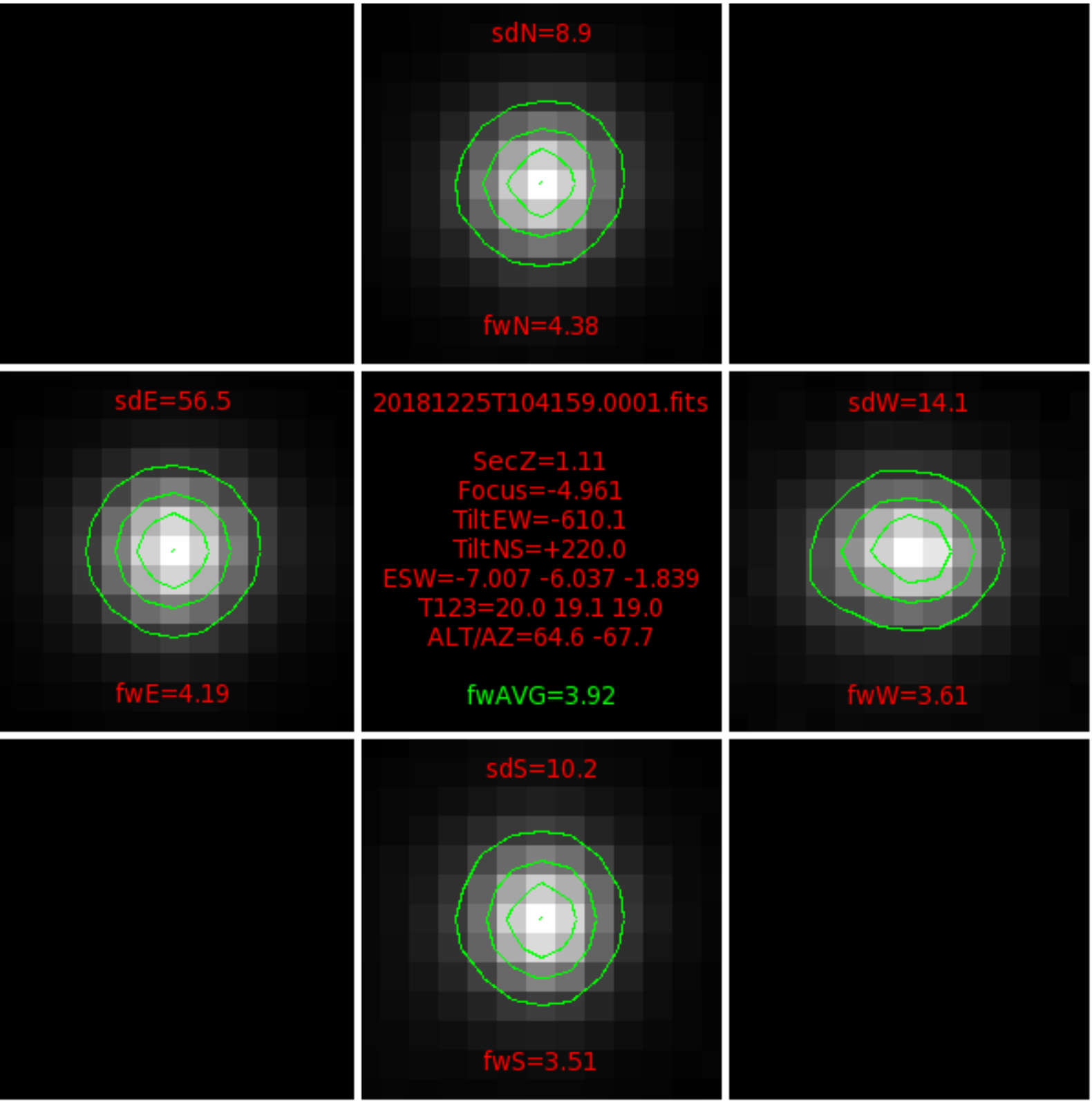

sdN=14.7
fwN=3.03
sdE=45.4
fwE=3.00
20181225T103632.0001.fits
SecZ=1.23
Focus=-4.961
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.007 -6.037 -1.839
T123=20.0 19.3 18.8
ALT/AZ=54.2 -96.6
fwAVG=2.91
sdW=34.6
fwW=2.84
sdS=664.9
fwS=2.78
0 0 0 0 0 0 0 0 0

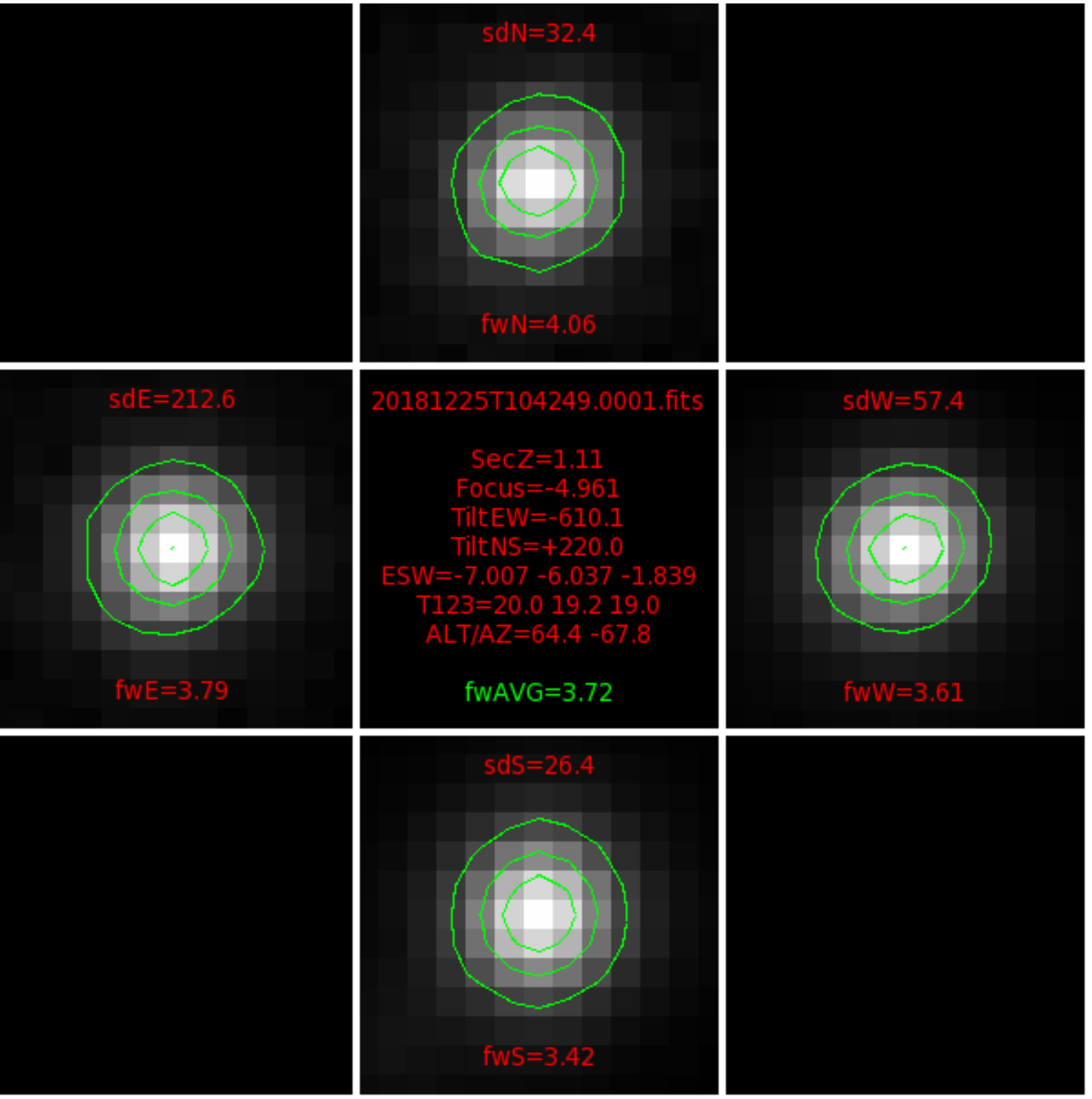

sdN=10.4
fwN=3.03
sdE=25.0
fwE=3.14
20181225T103738.0001.fits
SecZ=1.24
Focus=-4.961
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.007 -6.037 -1.839
T123=20.0 19.4 18.9
ALT/AZ=54.0 -96.5
fwAVG=3.03
sdW=43.6
fwW=2.84
sdS=340.3
fwS=3.10
0 0 0 0 0 0 0 0 0

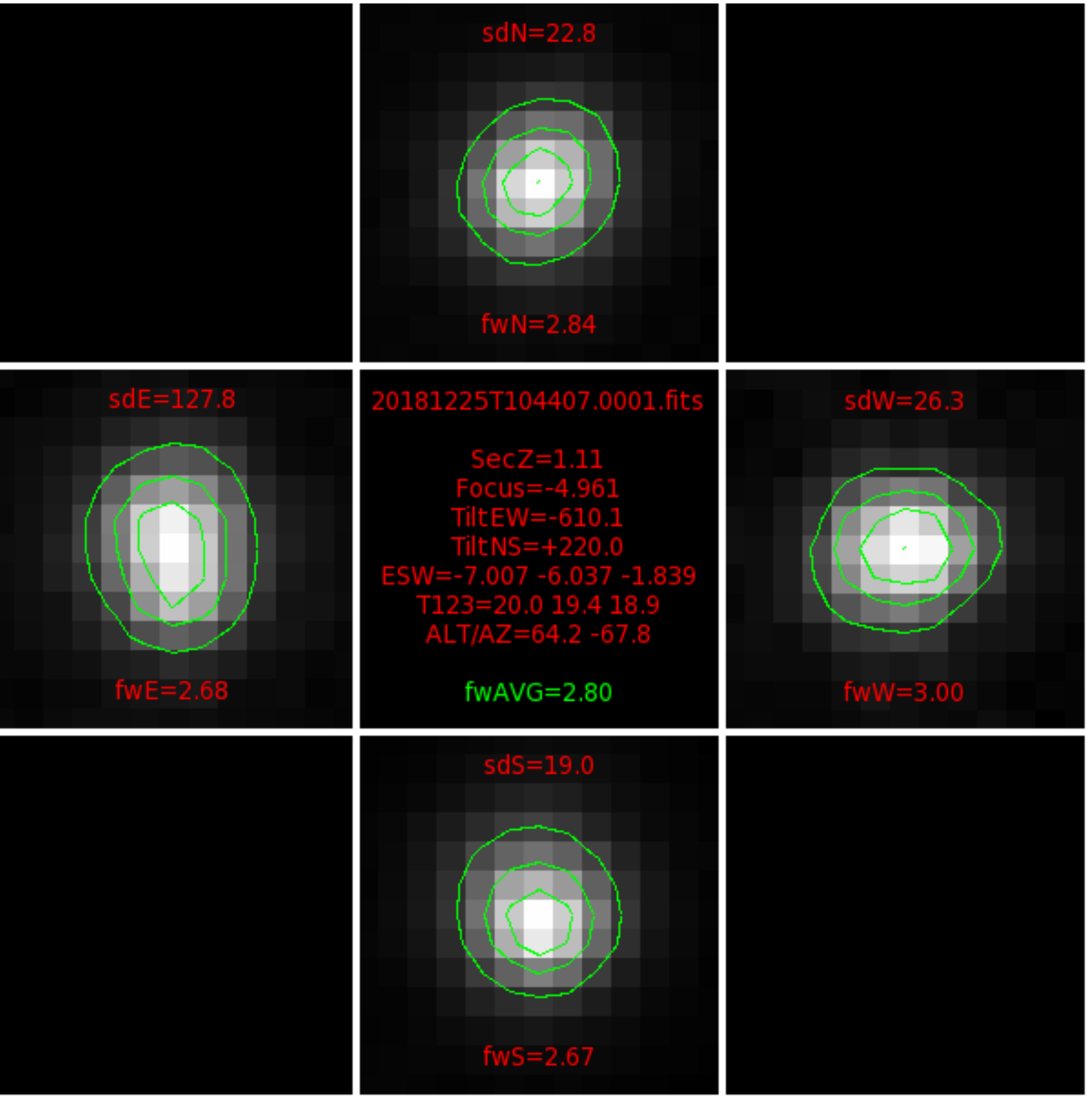

sdN=28.6
fwN=3.31
sdE=91.7
fwE=2.77
20181225T103827.0001.fits
SecZ=1.24
Focus=-4.961
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.007 -6.037 -1.839
T123=20.0 19.4 18.9
ALT/AZ=53.8 -96.3
fwAVG=2.92
sdW=184.5
fwW=2.97
sdS=818.8
fwS=2.61
0 0 0 0 0 0 0 0 0

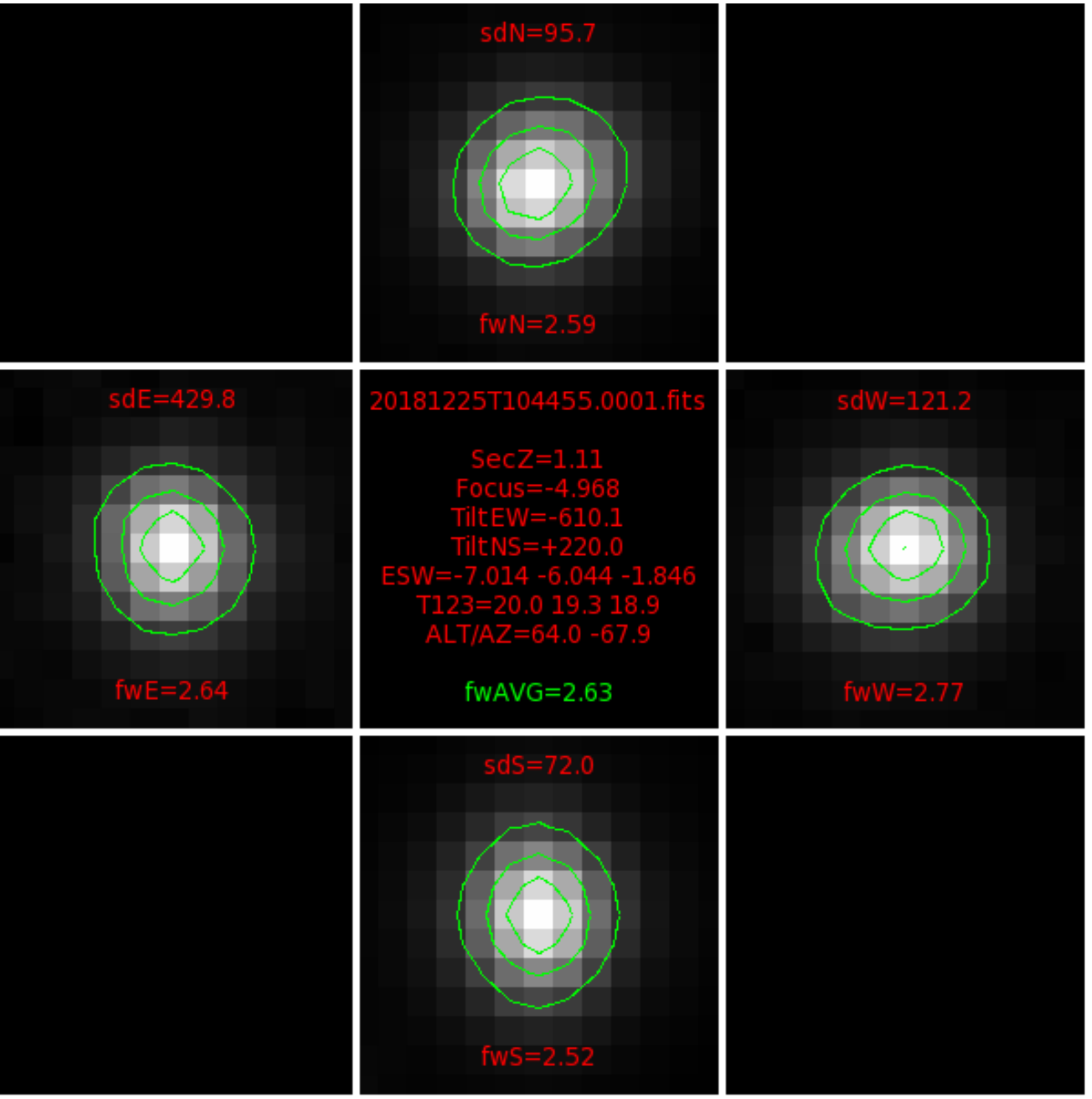

sdN=8.5
fwN=2.96
sdE=48.1
fwE=3.79
20181225T103949.0001.fits
SecZ=1.10
Focus=-4.961
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.007 -6.037 -1.839
T123=20.0 19.2 18.9
ALT/AZ=65.0 -67.6
fwAVG=3.35
sdW=12.5
fwW=3.17
sdS=8.3
fwS=3.49
0 0 0 0 0 0 0 0 0

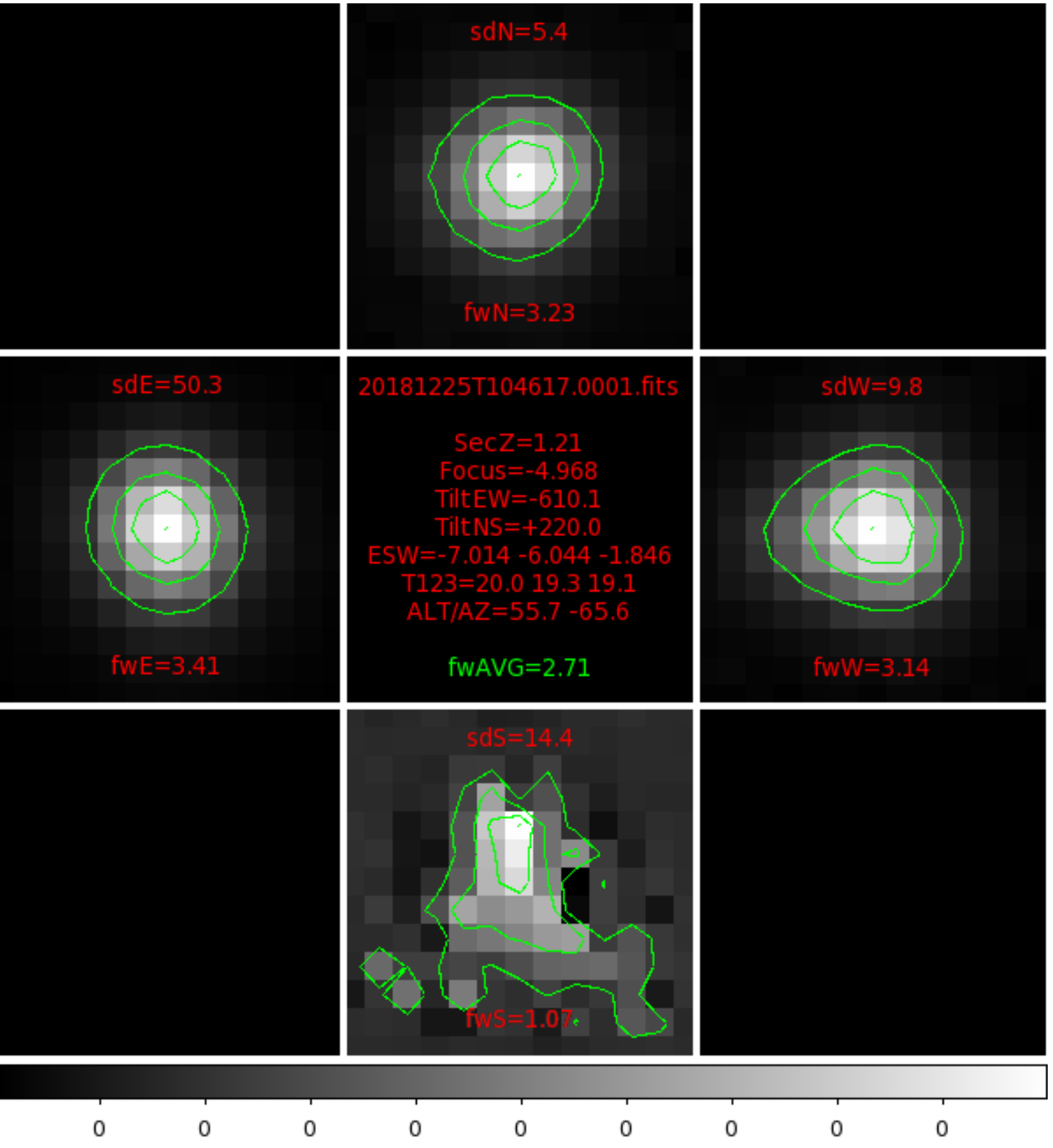

sdN=23.7
fwN=3.51
sdE=153.4
fwE=3.94
20181225T104040.0001.fits
SecZ=1.10
Focus=-4.961
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.007 -6.037 -1.839
T123=20.0 0.0 18.9
ALT/AZ=64.9 -67.7
fwAVG=3.56
sdW=41.4
fwW=3.61
sdS=16.8
fwS=3.17
0 0 0 0 0 0 0 0 0

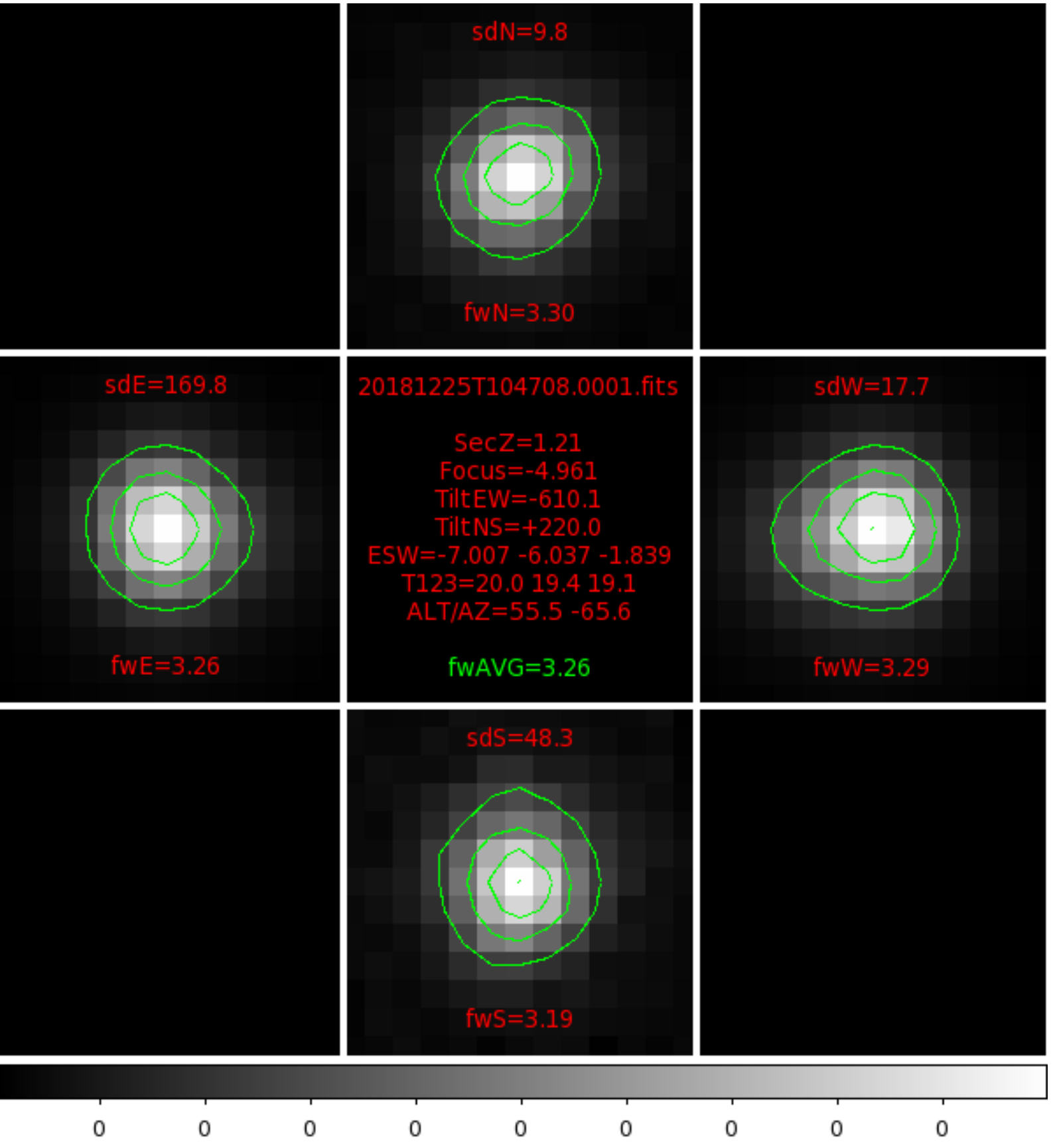

sdN=8.9
fwN=4.38
sdE=56.5
fwE=4.19
20181225T104159.0001.fits
SecZ=1.11
Focus=-4.961
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.007 -6.037 -1.839
T123=20.0 19.1 19.0
ALT/AZ=64.6 -67.7
fwAVG=3.92
sdW=14.1
fwW=3.61
sdS=10.2
fwS=3.51
0 0 0 0 0 0 0 0 0

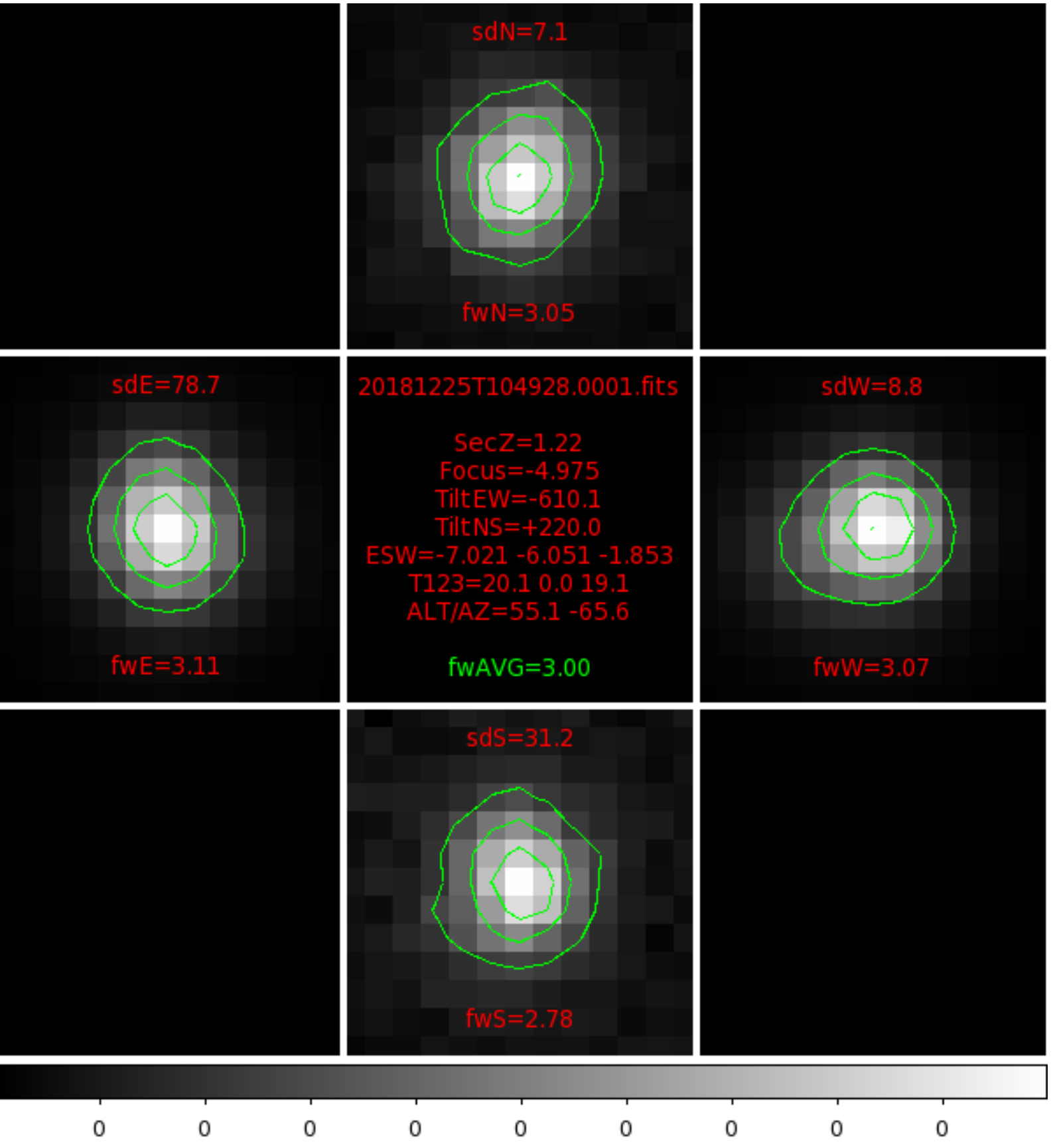

sdN=32.4
fwN=4.06
sdE=212.6
fwE=3.79
20181225T104249.0001.fits
SecZ=1.11
Focus=-4.961
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.007 -6.037 -1.839
T123=20.0 19.2 19.0
ALT/AZ=64.4 -67.8
fwAVG=3.72
sdW=57.4
fwW=3.61
sdS=26.4
fwS=3.42
0 0 0 0 0 0 0 0 0

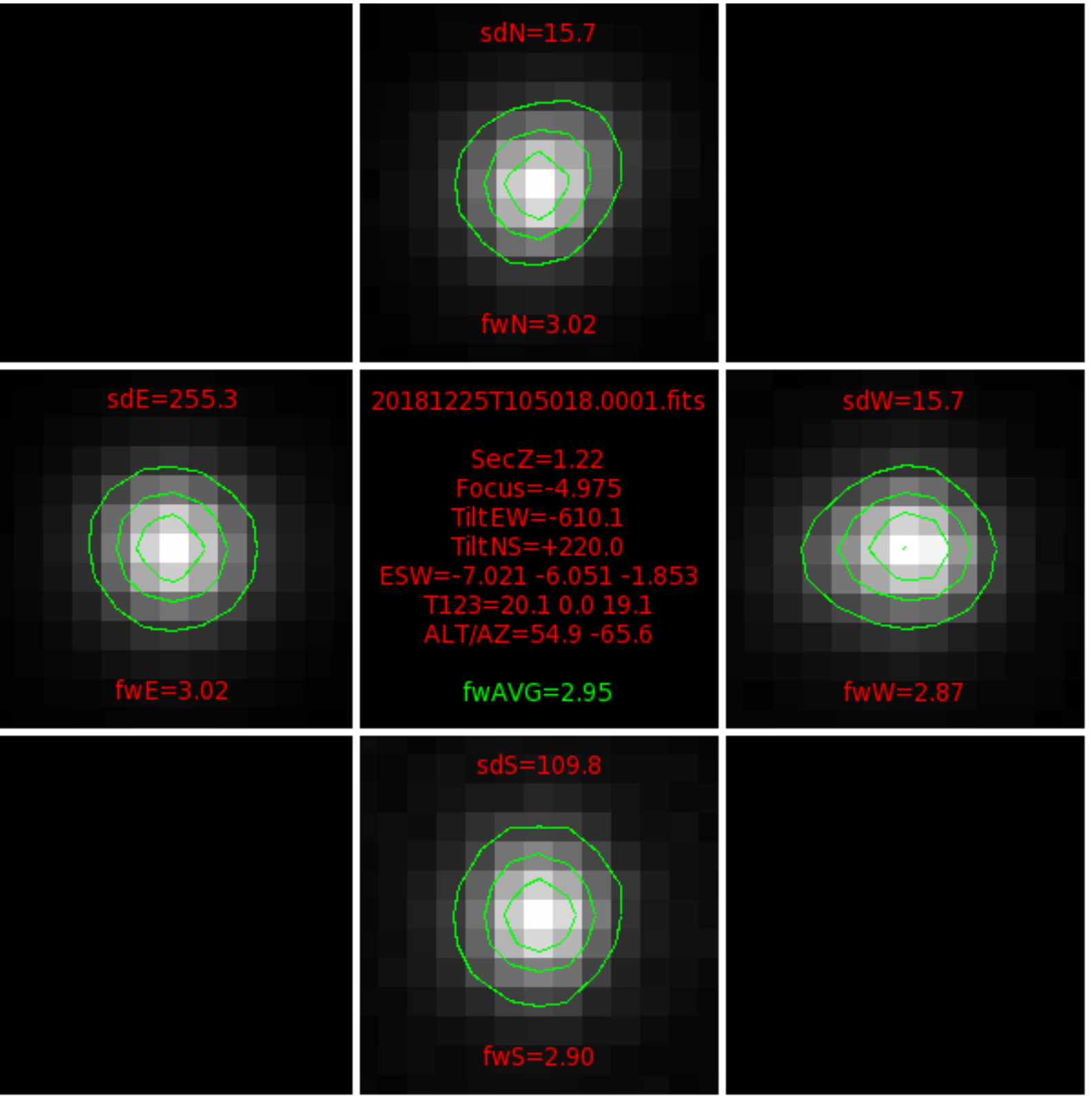

sdN=22.8
fwN=2.84
sdE=127.8
fwE=2.68
20181225T104407.0001.fits
SecZ=1.11
Focus=-4.961
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.007 -6.037 -1.839
T123=20.0 19.4 18.9
ALT/AZ=64.2 -67.8
fwAVG=2.80
sdW=26.3
fwW=3.00
sdS=19.0
fwS=2.67
0 0 0 0 0 0 0 0 0

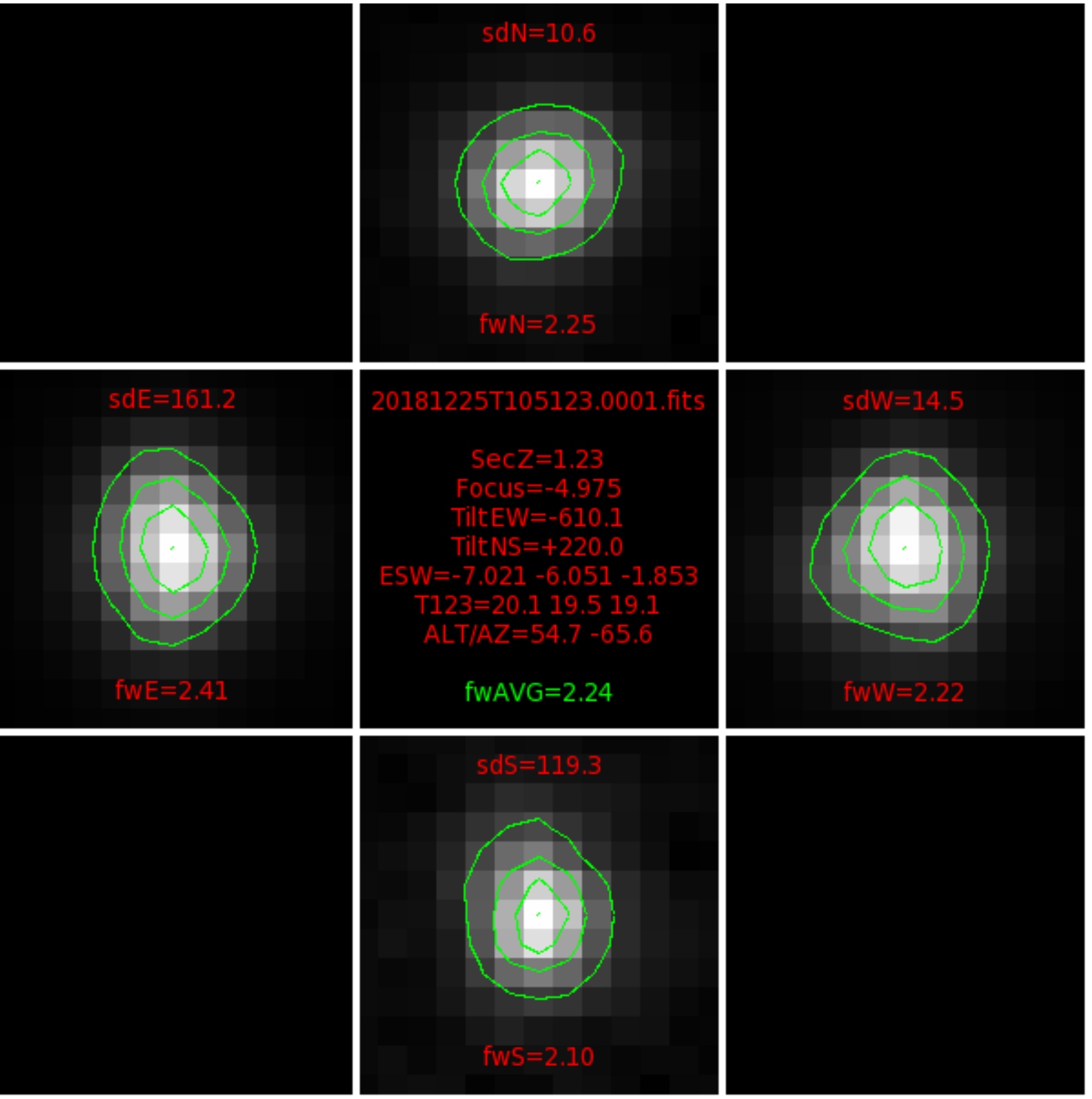

sdN=95.7
fwN=2.59
sdE=429.8
fwE=2.64
20181225T104455.0001.fits
SecZ=1.11
Focus=-4.968
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.014 -6.044 -1.846
T123=20.0 19.3 18.9
ALT/AZ=64.0 -67.9
fwAVG=2.63
sdW=121.2
fwW=2.77
sdS=72.0
fwS=2.52
0 0 0 0 0 0 0 0 0

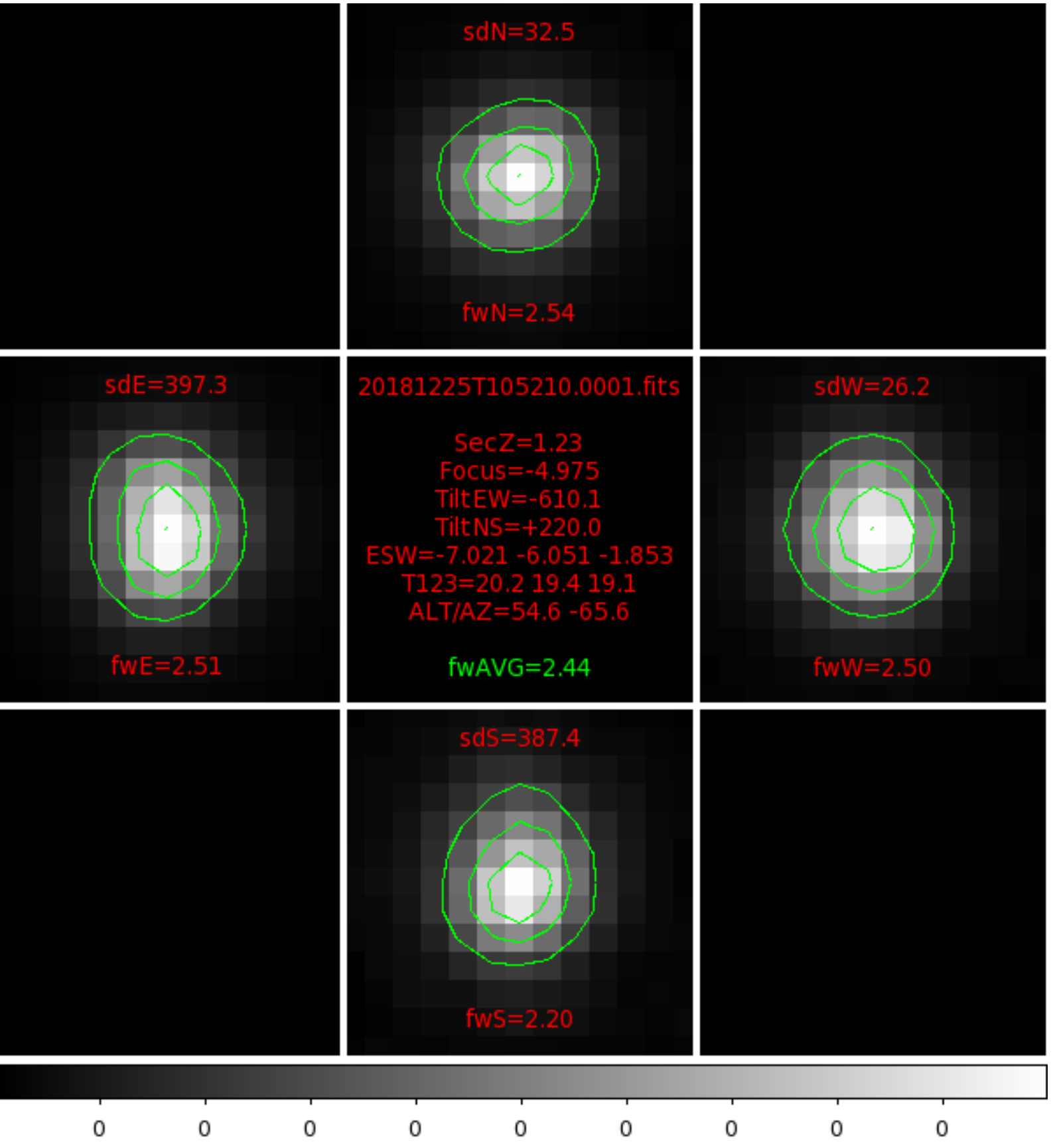

sdN=5.4
fwN=3.23
sdE=50.3
fwE=3.41
20181225T104617.0001.fits
SecZ=1.21
Focus=-4.968
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.014 -6.044 -1.846
T123=20.0 19.3 19.1
ALT/AZ=55.7 -65.6
fwAVG=2.71
sdW=9.8
fwW=3.14
sdS=14.4
fwS=1.07
0 0 0 0 0 0 0 0 0

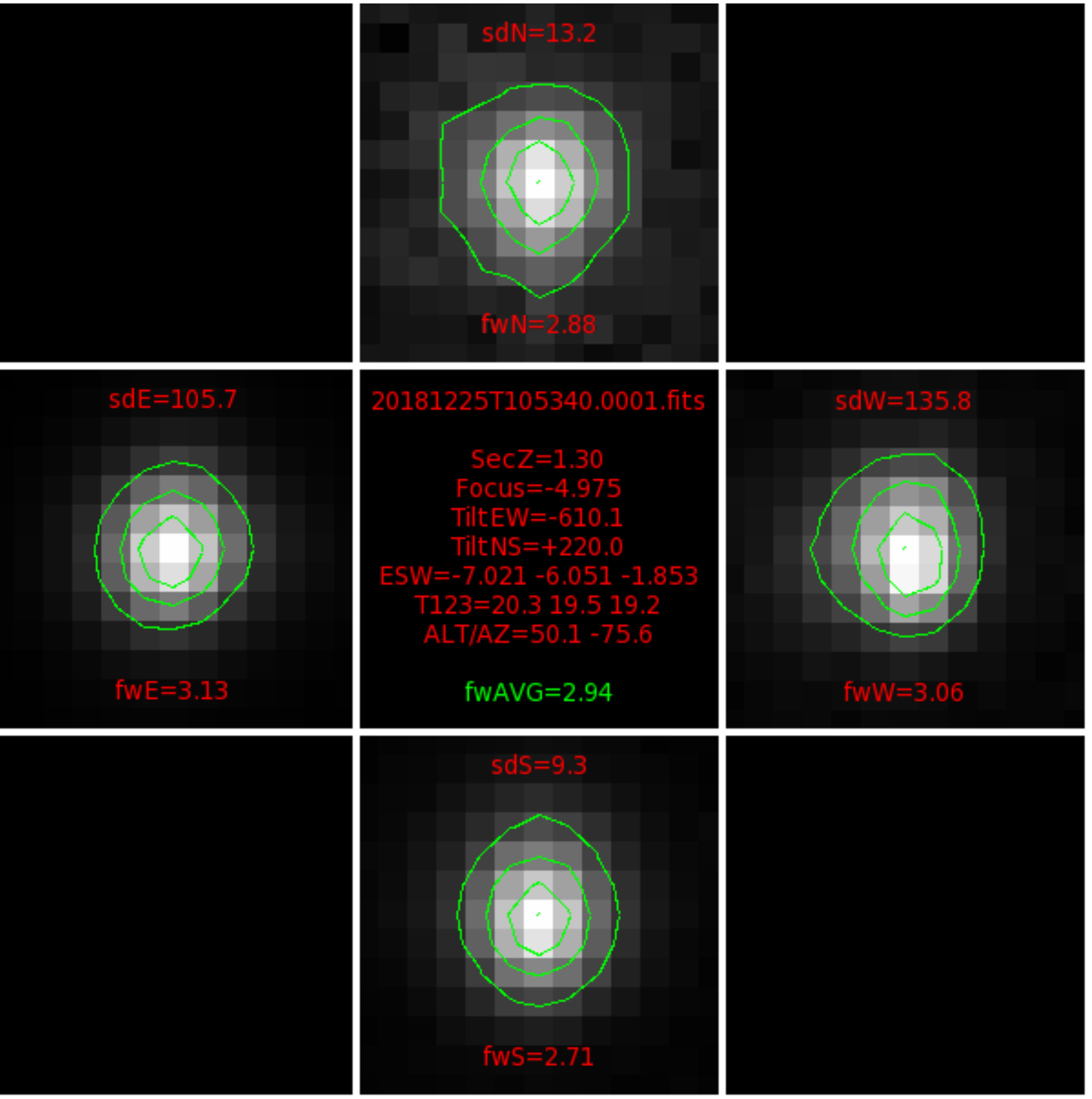

sdN=9.8
fwN=3.30
sdE=169.8
fwE=3.26
20181225T104708.0001.fits
SecZ=1.21
Focus=-4.961
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.007 -6.037 -1.839
T123=20.0 19.4 19.1
ALT/AZ=55.5 -65.6
fwAVG=3.26
sdW=17.7
fwW=3.29
sdS=48.3
fwS=3.19
0 0 0 0 0 0 0 0 0

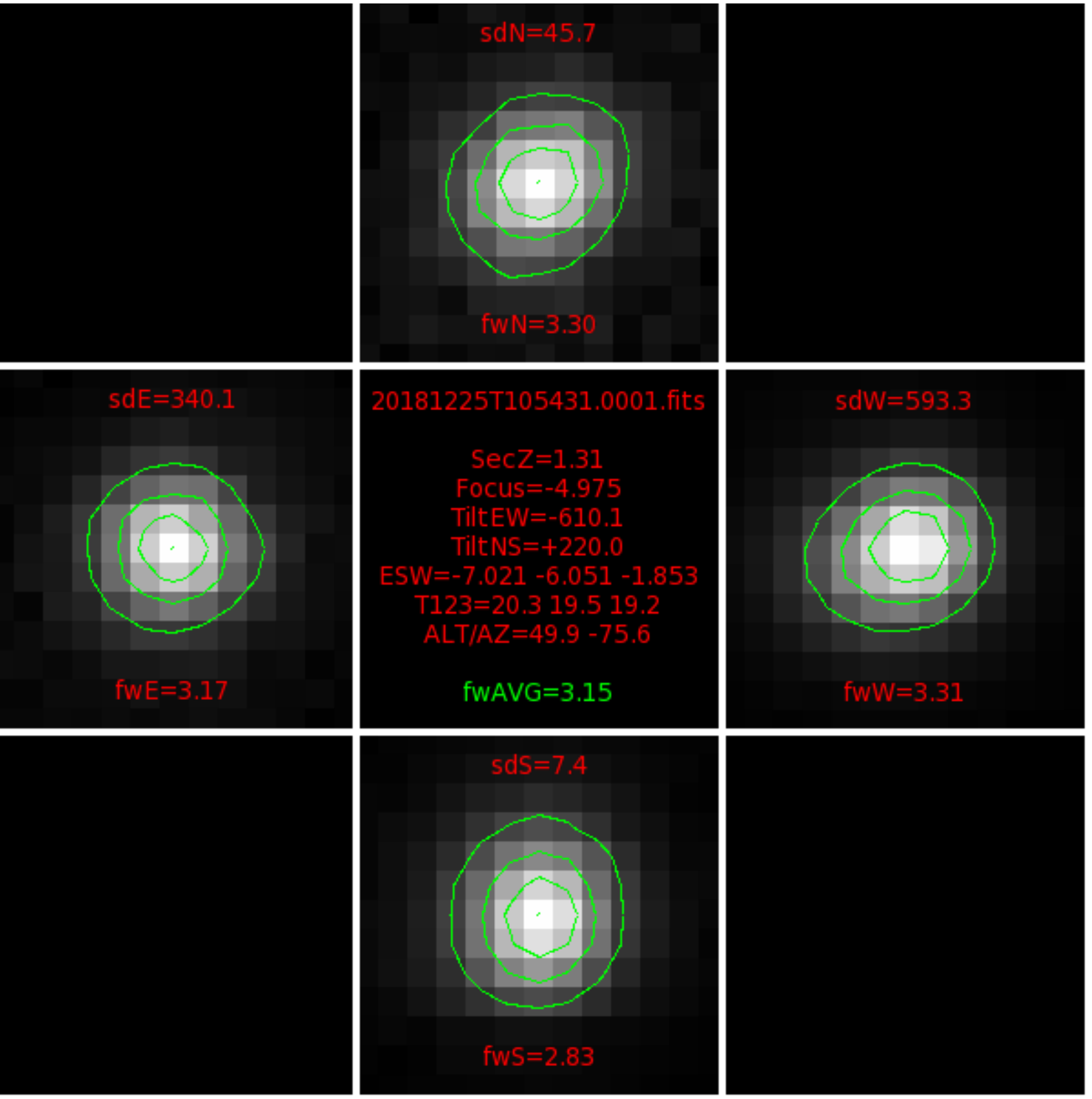

sdN=7.1
fwN=3.05
sdE=78.7
fwE=3.11
20181225T104928.0001.fits
SecZ=1.22
Focus=-4.975
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.021 -6.051 -1.853
T123=20.1 0.0 19.1
ALT/AZ=55.1 -65.6
fwAVG=3.00
sdW=8.8
fwW=3.07
sdS=31.2
fwS=2.78
0 0 0 0 0 0 0 0 0

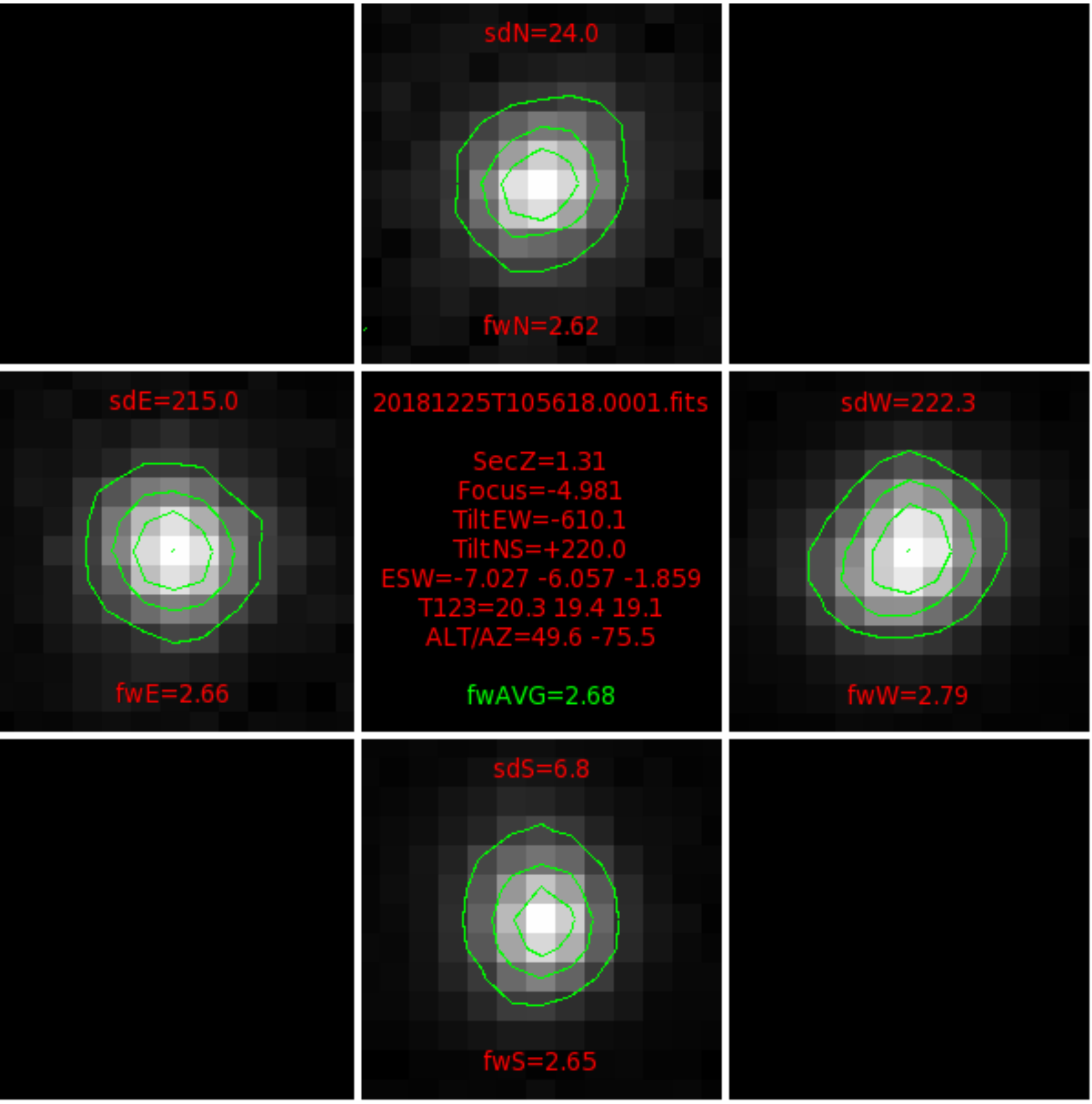

sdN=15.7
fwN=3.02
sdE=255.3
fwE=3.02
20181225T105018.0001.fits
SecZ=1.22
Focus=-4.975
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.021 -6.051 -1.853
T123=20.1 0.0 19.1
ALT/AZ=54.9 -65.6
fwAVG=2.95
sdW=15.7
fwW=2.87
sdS=109.8
fwS=2.90
0 0 0 0 0 0 0 0 0

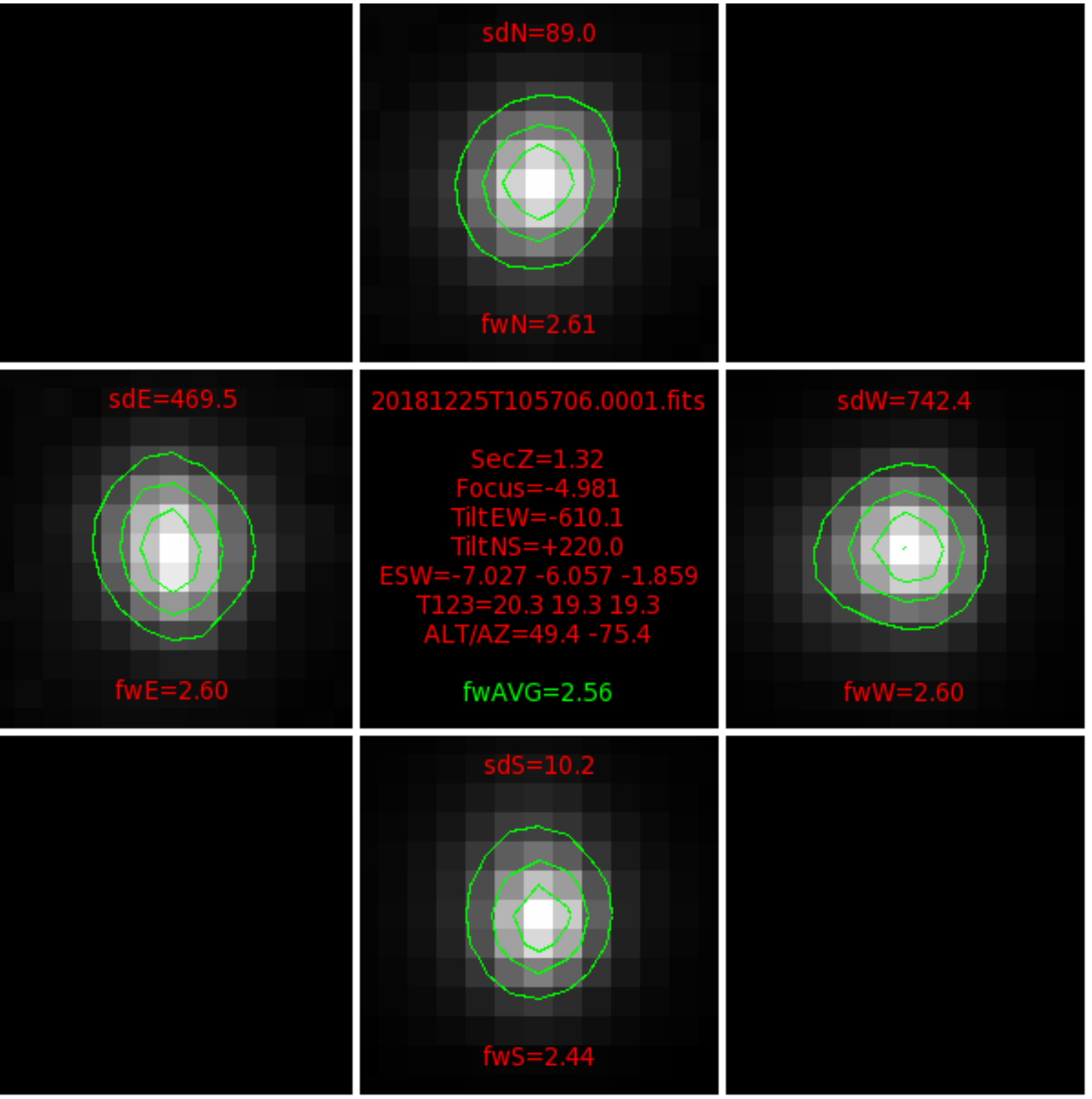

sdN=10.6
fwN=2.25
sdE=161.2
fwE=2.41
20181225T105123.0001.fits
SecZ=1.23
Focus=-4.975
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.021 -6.051 -1.853
T123=20.1 19.5 19.1
ALT/AZ=54.7 -65.6
fwAVG=2.24
sdW=14.5
fwW=2.22
sdS=119.3
fwS=2.10
0 0 0 0 0 0 0 0 0

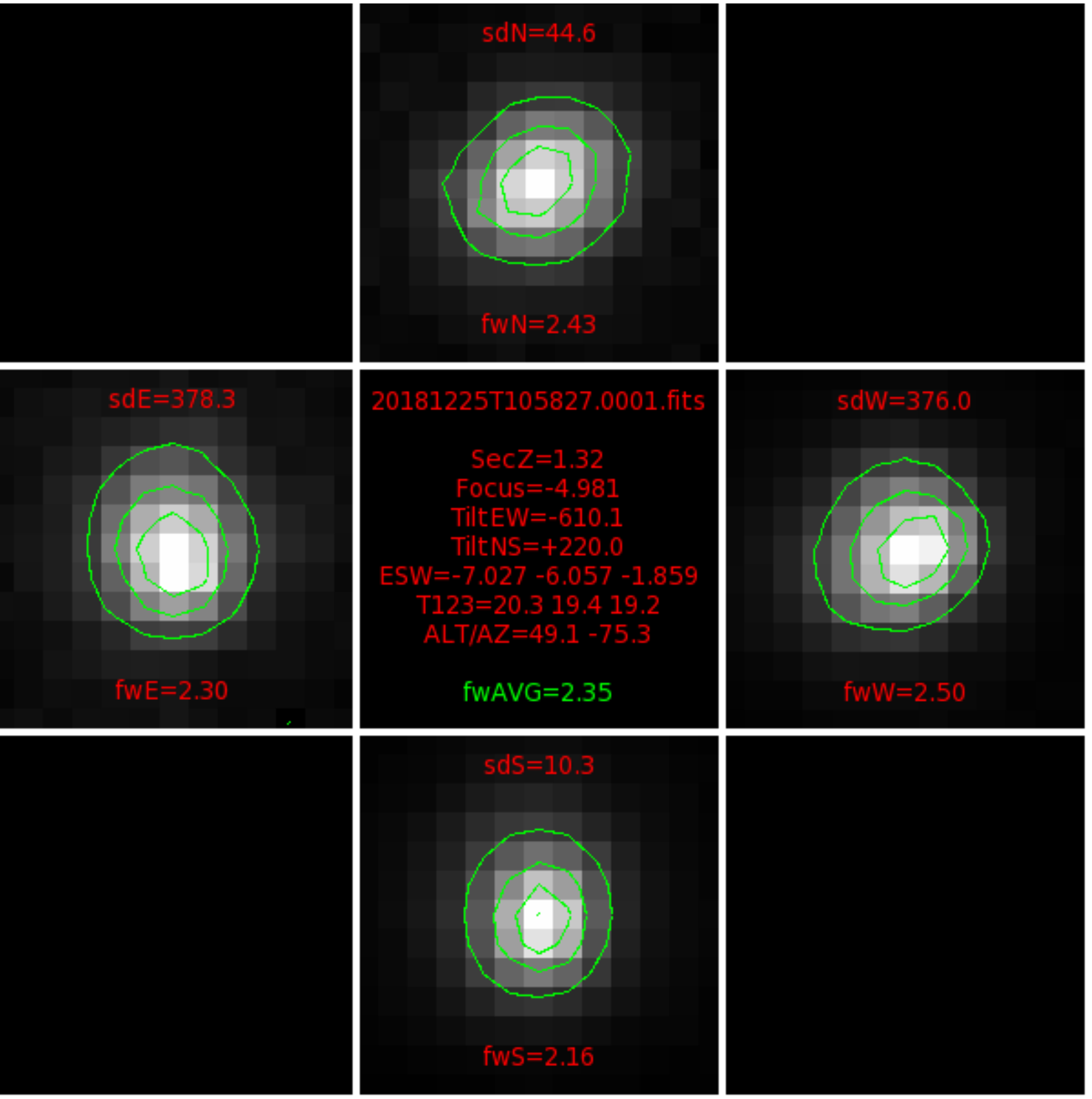

sdN=32.5
fwN=2.54
sdE=397.3
fwE=2.51
20181225T105210.0001.fits
SecZ=1.23
Focus=-4.975
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.021 -6.051 -1.853
T123=20.2 19.4 19.1
ALT/AZ=54.6 -65.6
fwAVG=2.44
sdW=26.2
fwW=2.50
sdS=387.4
fwS=2.20
0 0 0 0 0 0 0 0 0

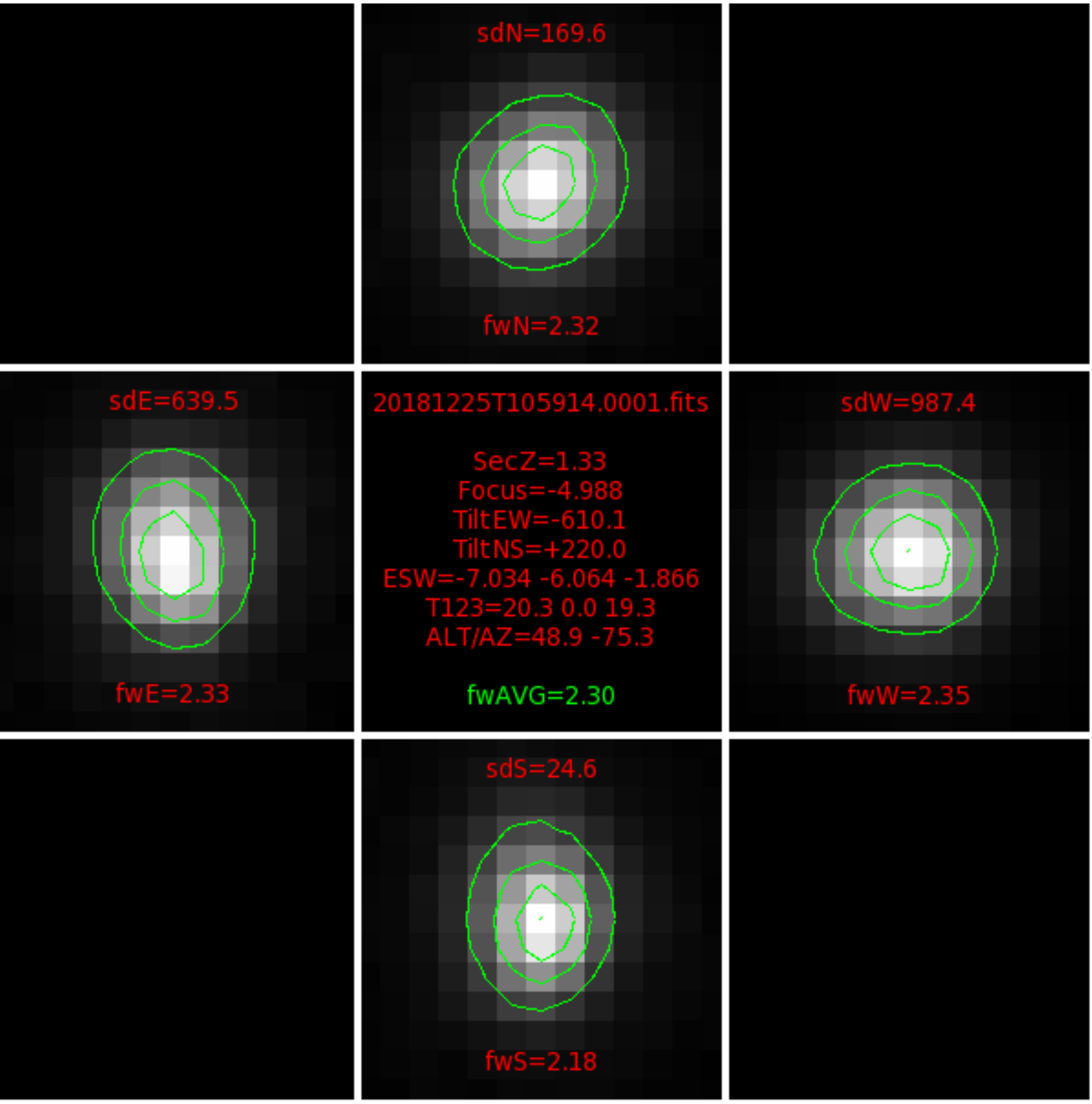

sdN=13.2
fwN=2.88
sdE=105.7
fwE=3.13
20181225T105340.0001.fits
SecZ=1.30
Focus=-4.975
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.021 -6.051 -1.853
T123=20.3 19.5 19.2
ALT/AZ=50.1 -75.6
fwAVG=2.94
sdW=135.8
fwW=3.06
sdS=9.3
fwS=2.71
0 0 0 0 0 0 0 0 0

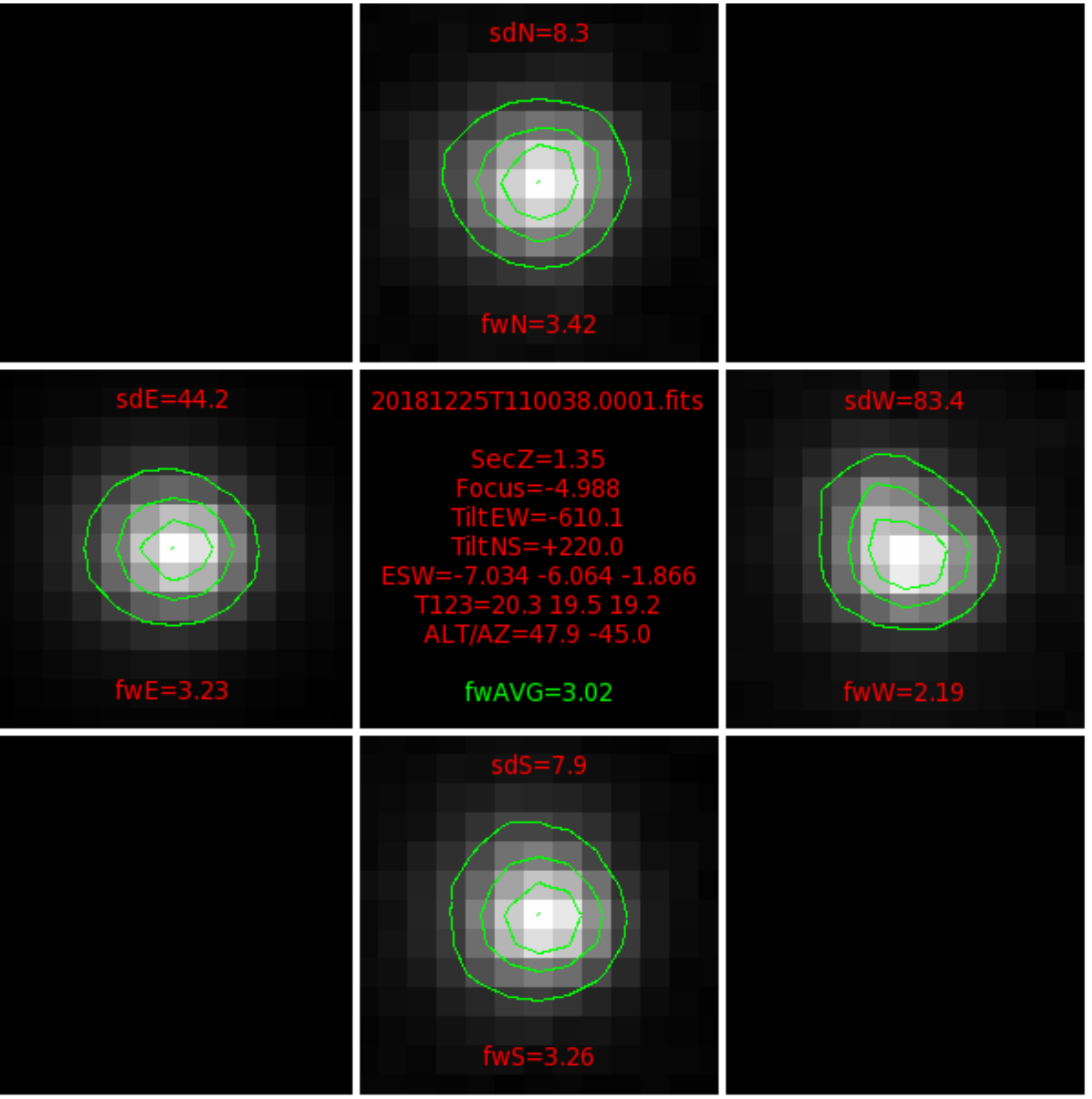

sdN=45.7
fwN=3.30
sdE=340.1
fwE=3.17
20181225T105431.0001.fits
SecZ=1.31
Focus=-4.975
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.021 -6.051 -1.853
T123=20.3 19.5 19.2
ALT/AZ=49.9 -75.6
fwAVG=3.15
sdW=593.3
fwW=3.31
sdS=7.4
fwS=2.83
0 0 0 0 0 0 0 0 0

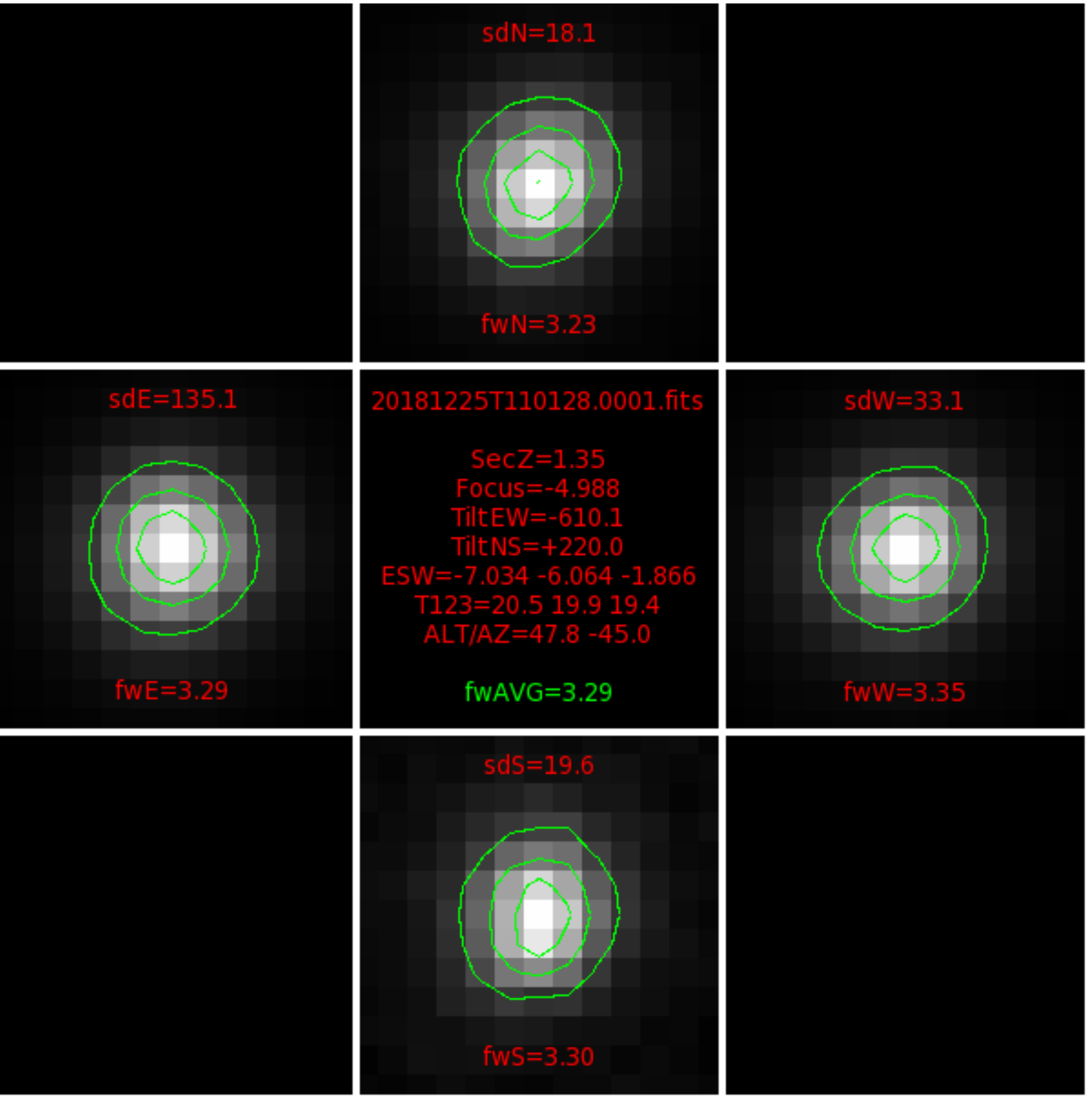

sdN=24.0
fwN=2.62
sdE=215.0
fwE=2.66
20181225T105618.0001.fits
SecZ=1.31
Focus=-4.981
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.027 -6.057 -1.859
T123=20.3 19.4 19.1
ALT/AZ=49.6 -75.5
fwAVG=2.68
sdW=222.3
fwW=2.79
sdS=6.8
fwS=2.65
0 0 0 0 0 0 0 0 0

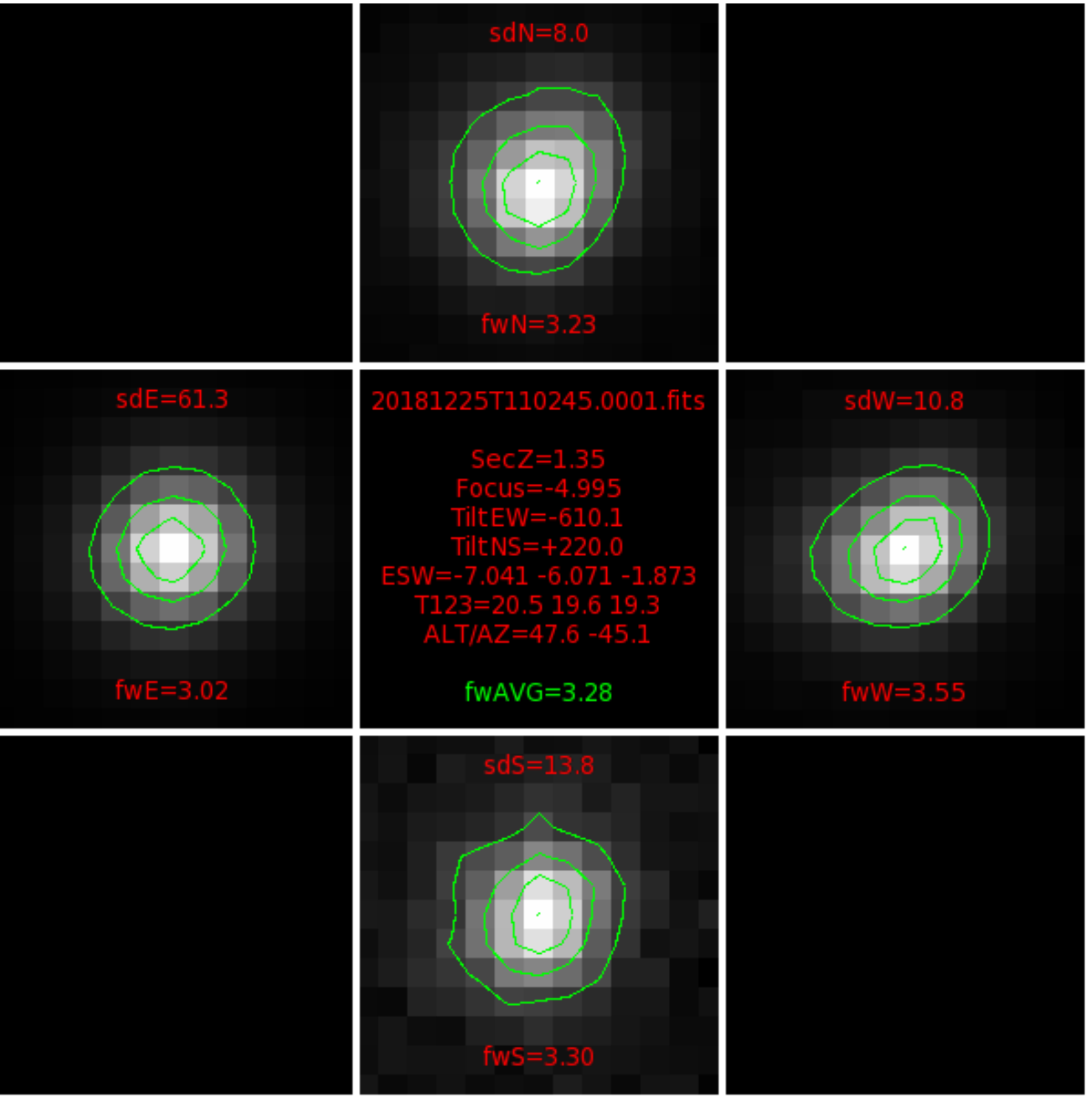

sdN=89.0
fwN=2.61
sdE=469.5
fwE=2.60
20181225T105706.0001.fits
SecZ=1.32
Focus=-4.981
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.027 -6.057 -1.859
T123=20.3 19.3 19.3
ALT/AZ=49.4 -75.4
fwAVG=2.56
sdW=742.4
fwW=2.60
sdS=10.2
fwS=2.44
0 0 0 0 0 0 0 0 0

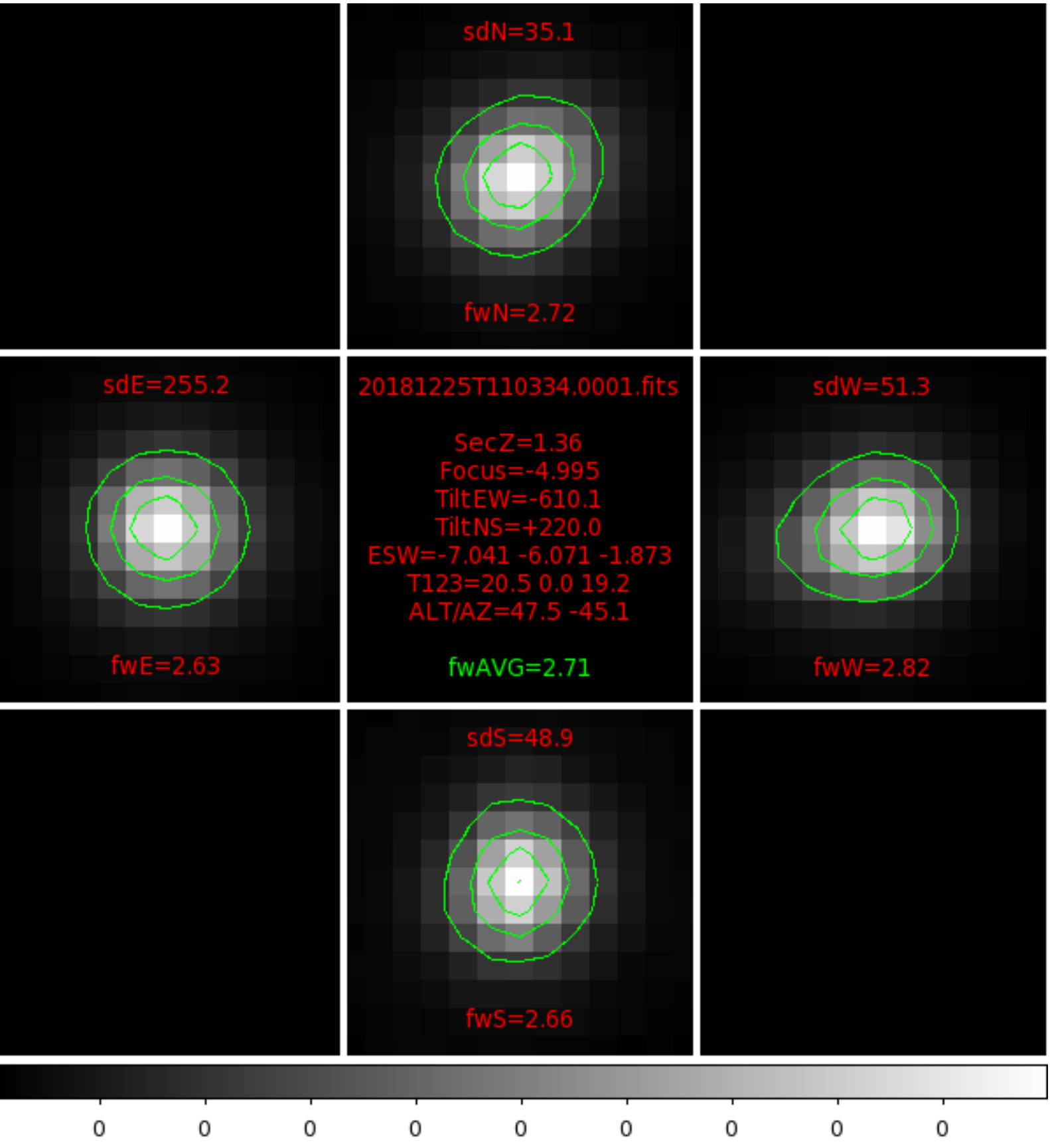

sdN=44.6
fwN=2.43
sdE=378.3
fwE=2.30
20181225T105827.0001.fits
SecZ=1.32
Focus=-4.981
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.027 -6.057 -1.859
T123=20.3 19.4 19.2
ALT/AZ=49.1 -75.3
fwAVG=2.35
sdW=376.0
fwW=2.50
sdS=10.3
fwS=2.16
0 0 0 0 0 0 0 0 0

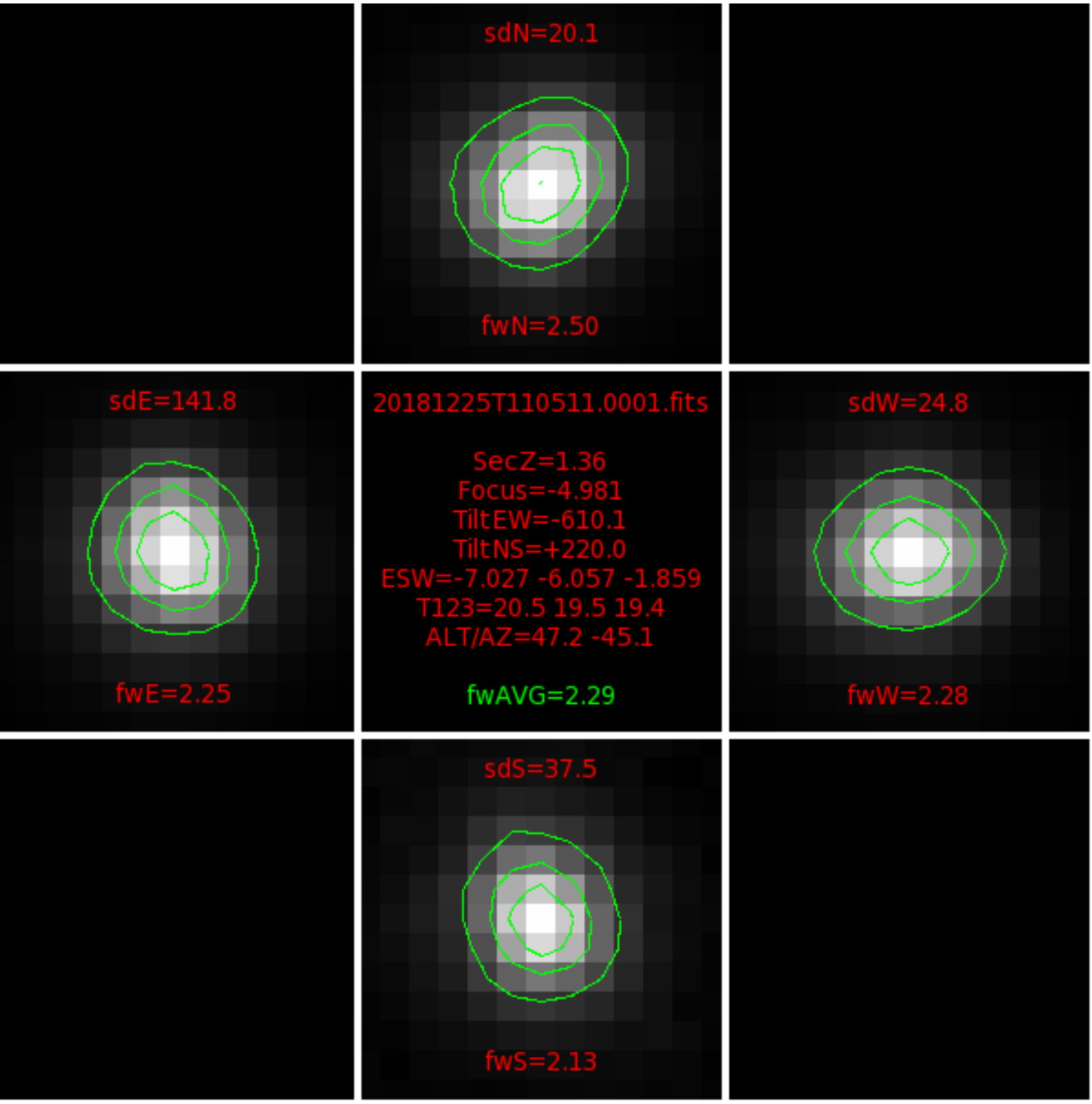

sdN=169.6
fwN=2.32
sdE=639.5
fwE=2.33
20181225T105914.0001.fits
SecZ=1.33
Focus=-4.988
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.034 -6.064 -1.866
T123=20.3 0.0 19.3
ALT/AZ=48.9 -75.3
fwAVG=2.30
sdW=987.4
fwW=2.35
sdS=24.6
fwS=2.18
0 0 0 0 0 0 0 0 0

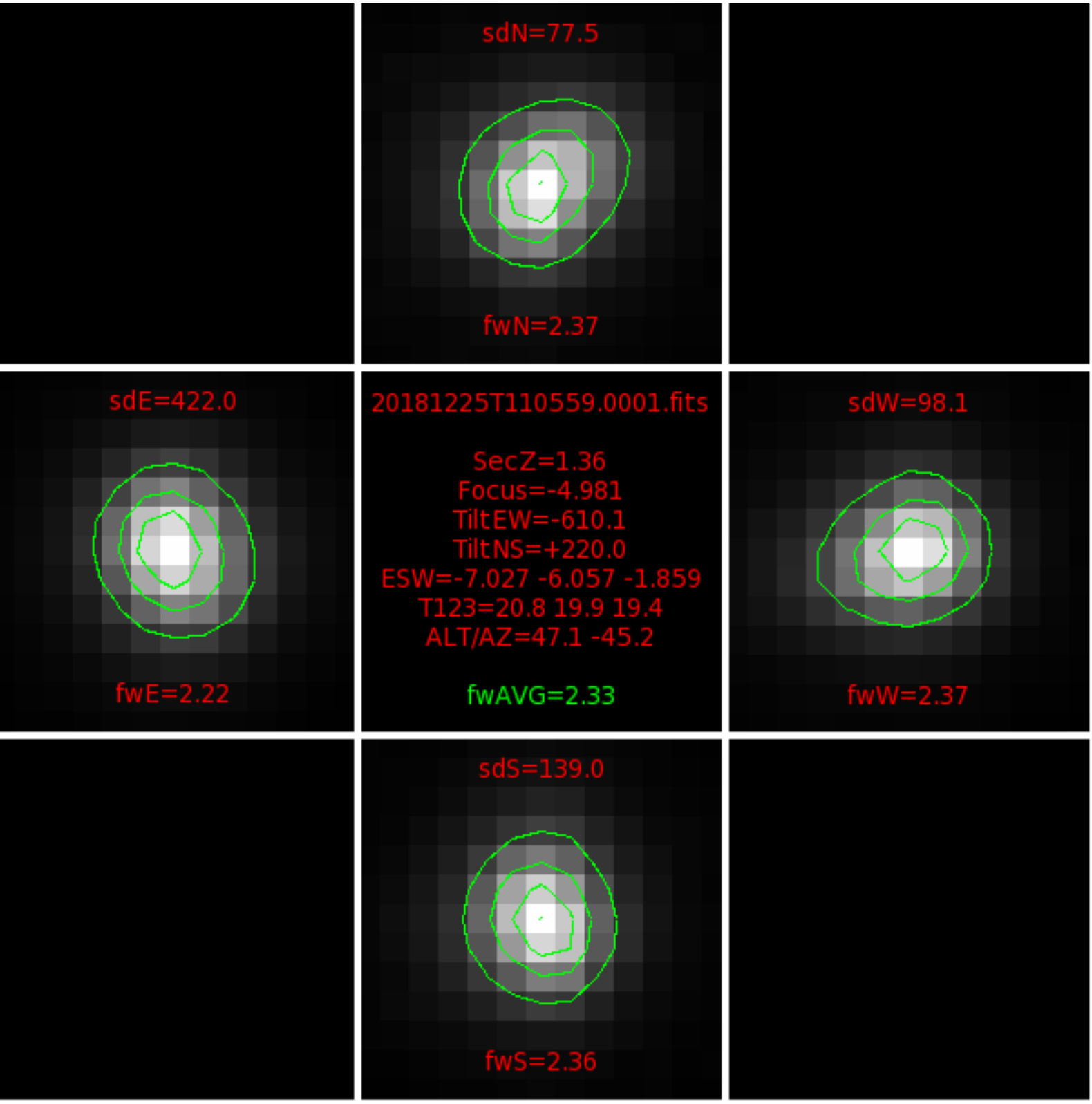

sdN=8.3
fwN=3.42
sdE=44.2
fwE=3.23
20181225T110038.0001.fits
SecZ=1.35
Focus=-4.988
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.034 -6.064 -1.866
T123=20.3 19.5 19.2
ALT/AZ=47.9 -45.0
fwAVG=3.02
sdW=83.4
fwW=2.19
sdS=7.9
fwS=3.26
0 0 0 0 0 0 0 0 0

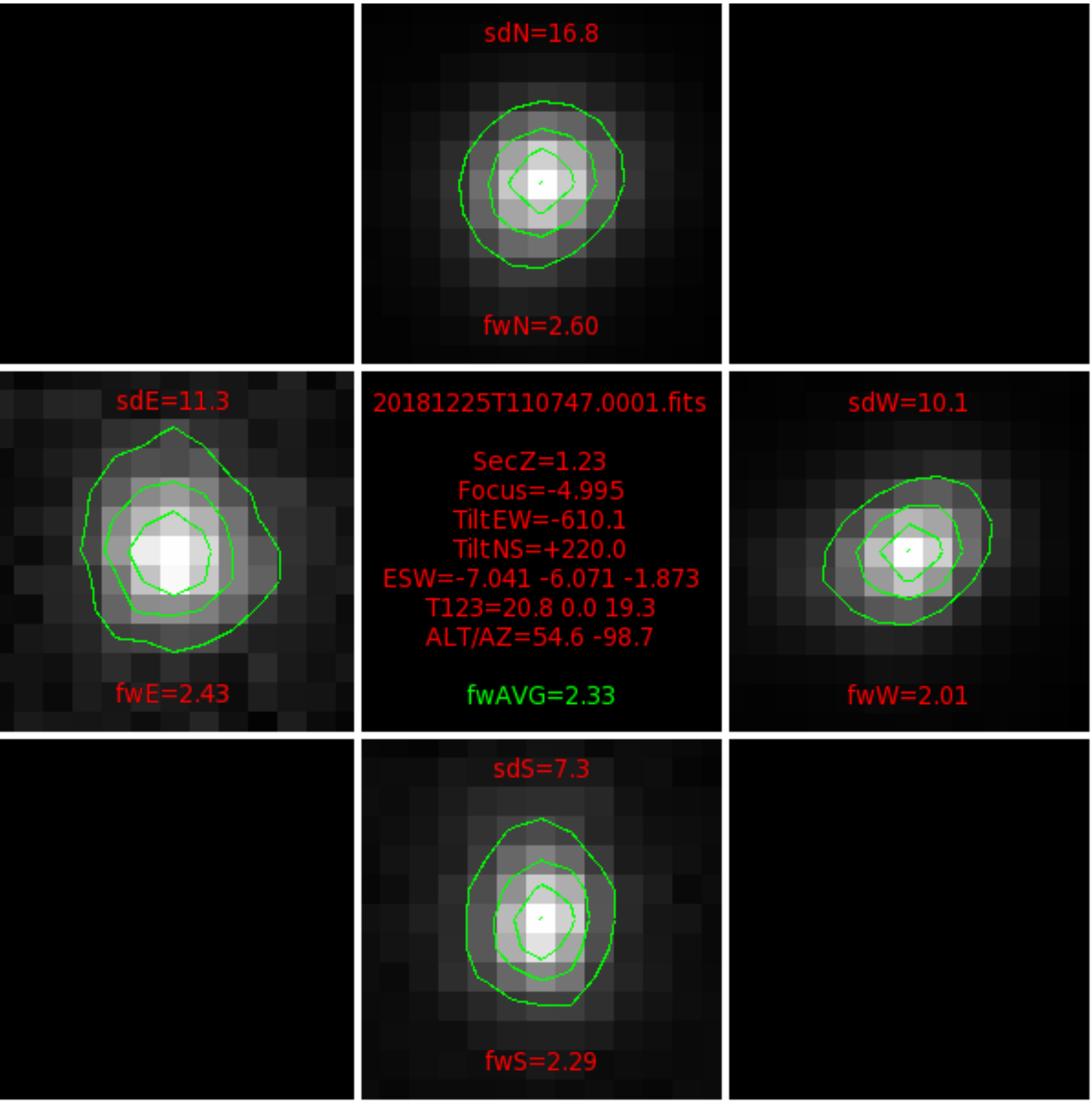

sdN=18.1
fwN=3.23
sdE=135.1
fwE=3.29
20181225T110128.0001.fits
SecZ=1.35
Focus=-4.988
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.034 -6.064 -1.866
T123=20.5 19.9 19.4
ALT/AZ=47.8 -45.0
fwAVG=3.29
sdW=33.1
fwW=3.35
sdS=19.6
fwS=3.30
0 0 0 0 0 0 0 0 0

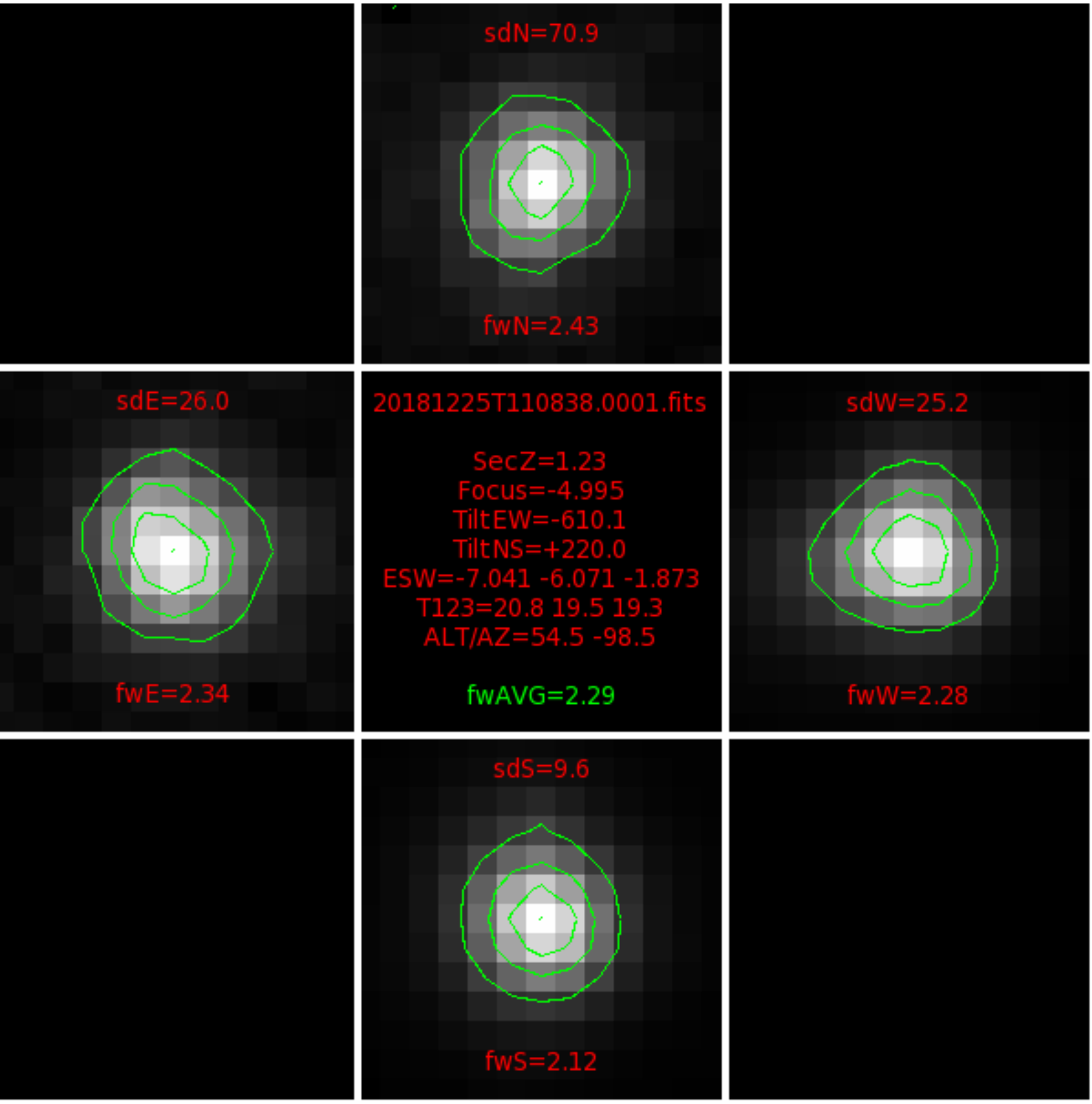

sdN=8.0
fwN=3.23
sdE=61.3
fwE=3.02
20181225T110245.0001.fits
SecZ=1.35
Focus=-4.995
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.041 -6.071 -1.873
T123=20.5 19.6 19.3
ALT/AZ=47.6 -45.1
fwAVG=3.28
sdW=10.8
fwW=3.55
sdS=13.8
fwS=3.30
0 0 0 0 0 0 0 0 0

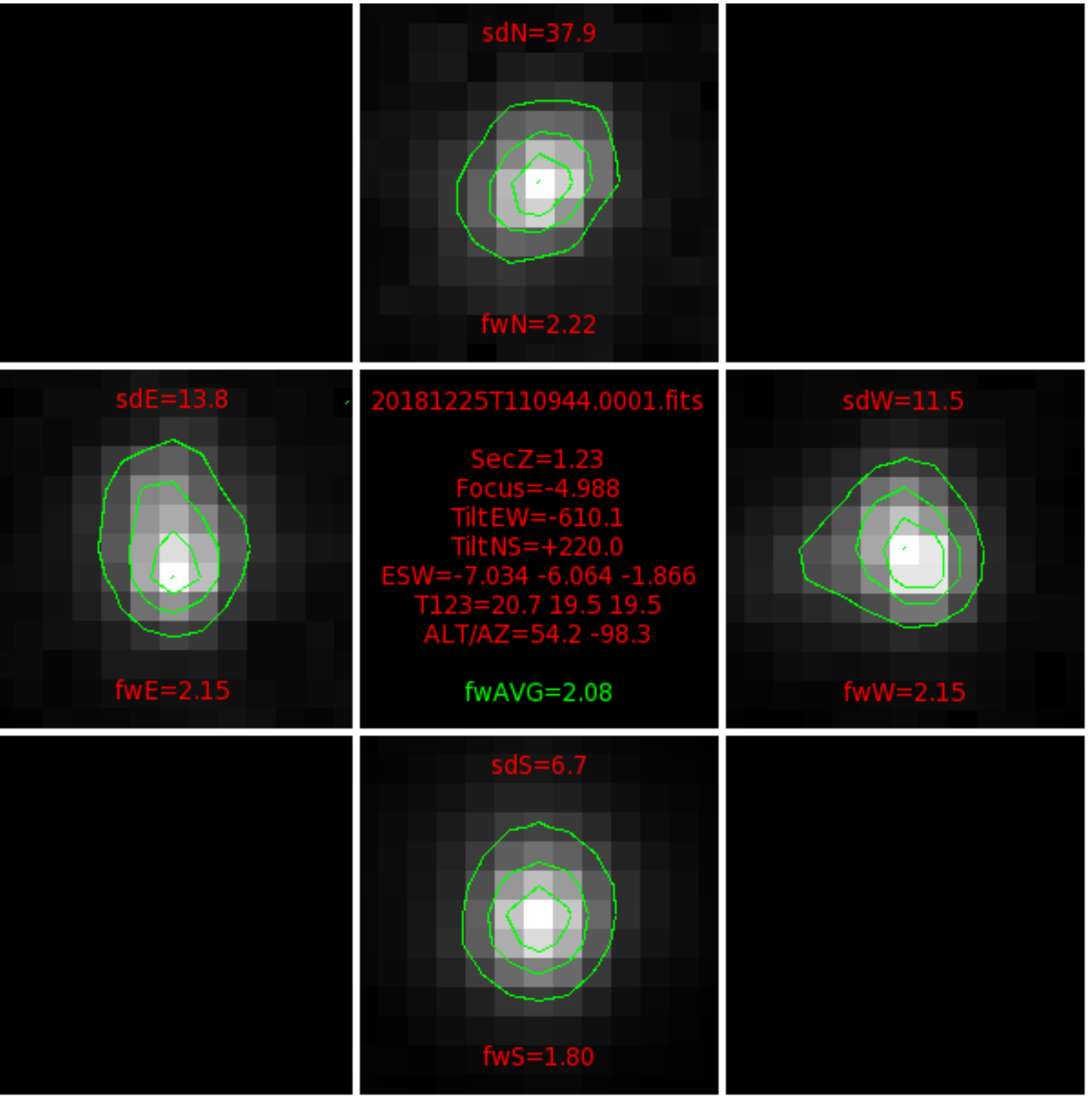

sdN=35.1
fwN=2.72
sdE=255.2
fwE=2.63
20181225T110334.0001.fits
SecZ=1.36
Focus=-4.995
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.041 -6.071 -1.873
T123=20.5 0.0 19.2
ALT/AZ=47.5 -45.1
fwAVG=2.71
sdW=51.3
fwW=2.82
sdS=48.9
fwS=2.66
0 0 0 0 0 0 0 0 0

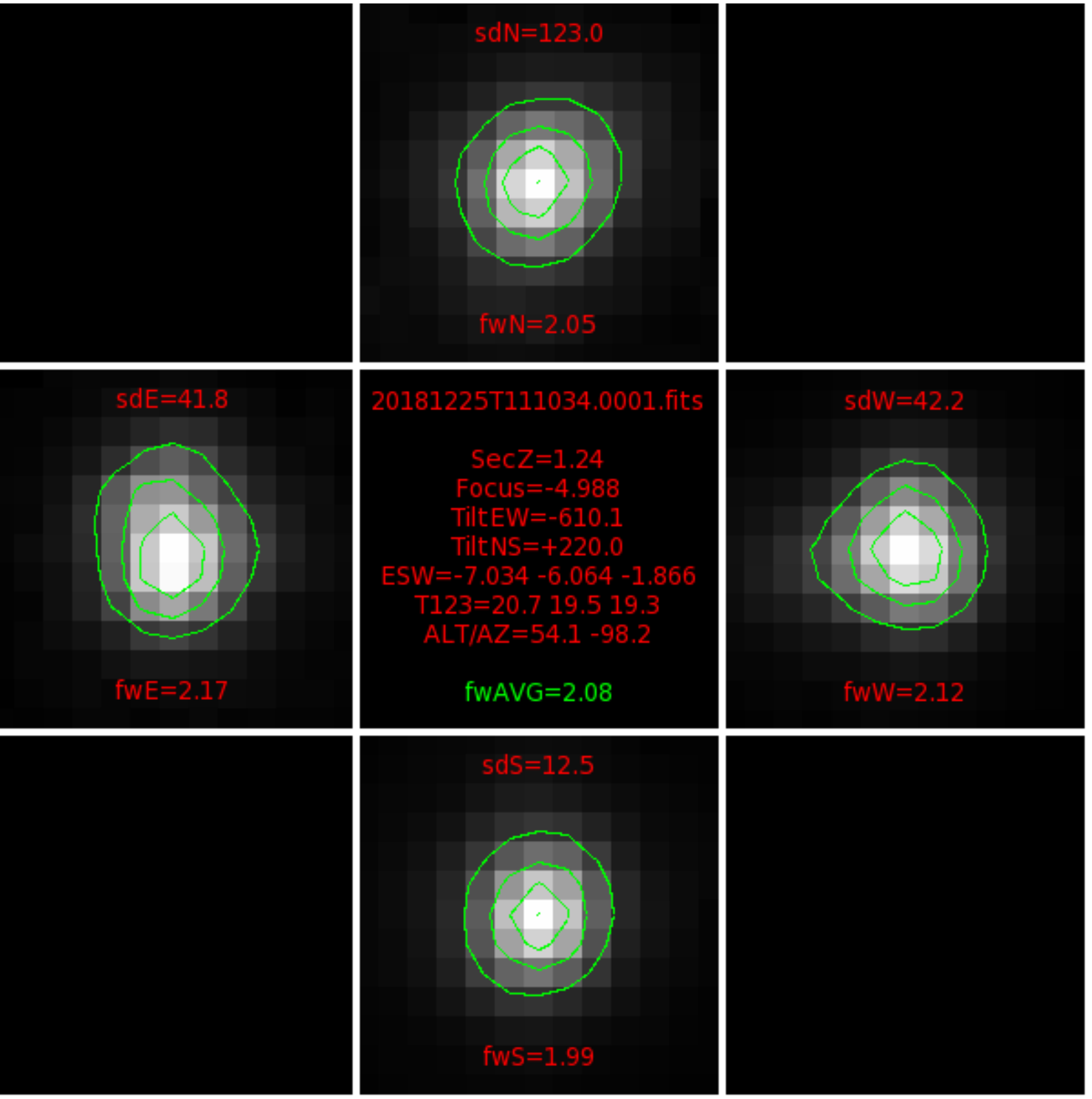

sdN=20.1
fwN=2.50
sdE=141.8
fwE=2.25
20181225T110511.0001.fits
SecZ=1.36
Focus=-4.981
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.027 -6.057 -1.859
T123=20.5 19.5 19.4
ALT/AZ=47.2 -45.1
fwAVG=2.29
sdW=24.8
fwW=2.28
sdS=37.5
fwS=2.13
0 0 0 0 0 0 0 0 0

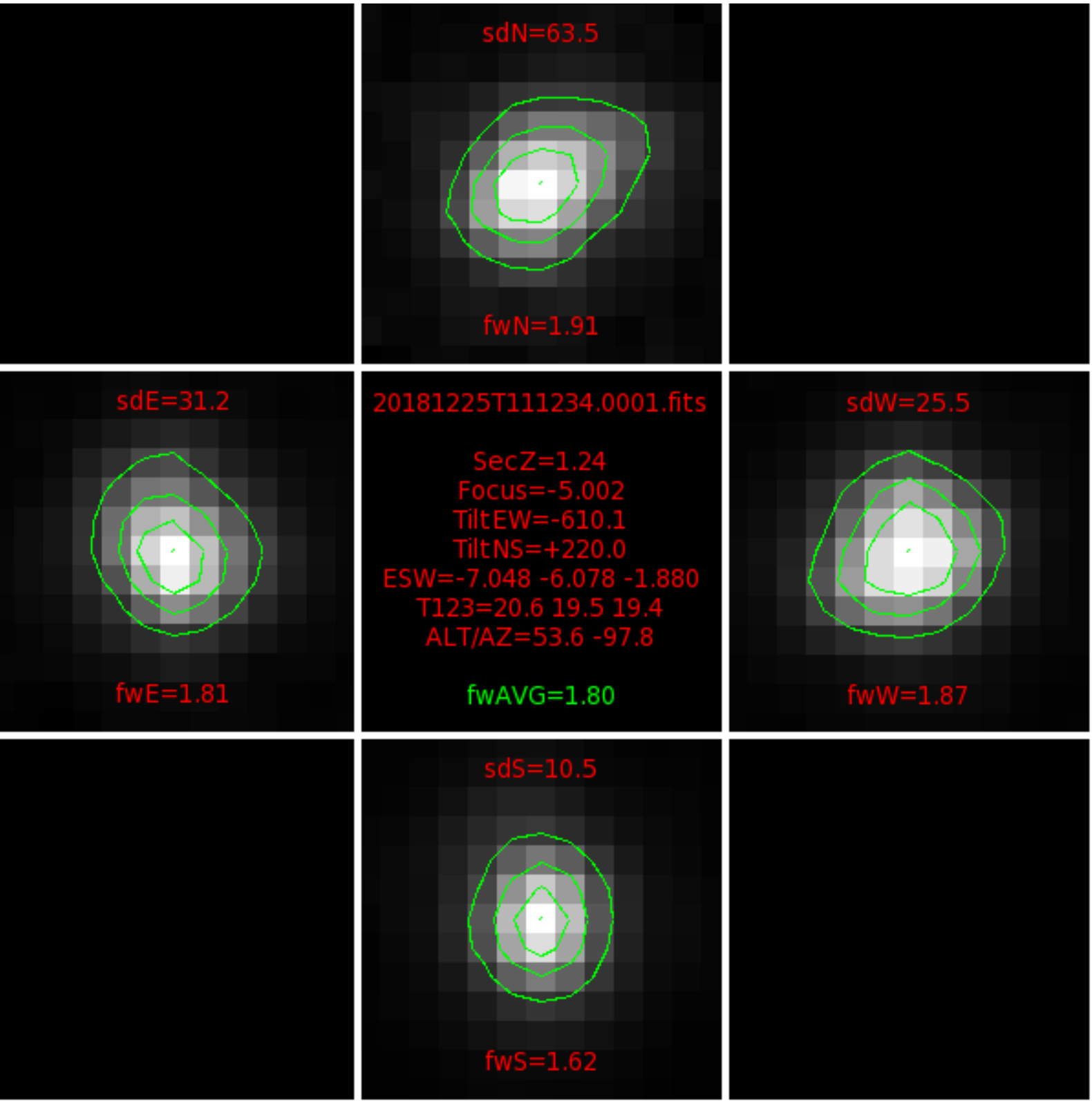

sdN=77.5
fwN=2.37
sdE=422.0
fwE=2.22
20181225T110559.0001.fits
SecZ=1.36
Focus=-4.981
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.027 -6.057 -1.859
T123=20.8 19.9 19.4
ALT/AZ=47.1 -45.2
fwAVG=2.33
sdW=98.1
fwW=2.37
sdS=139.0
fwS=2.36
0 0 0 0 0 0 0 0 0

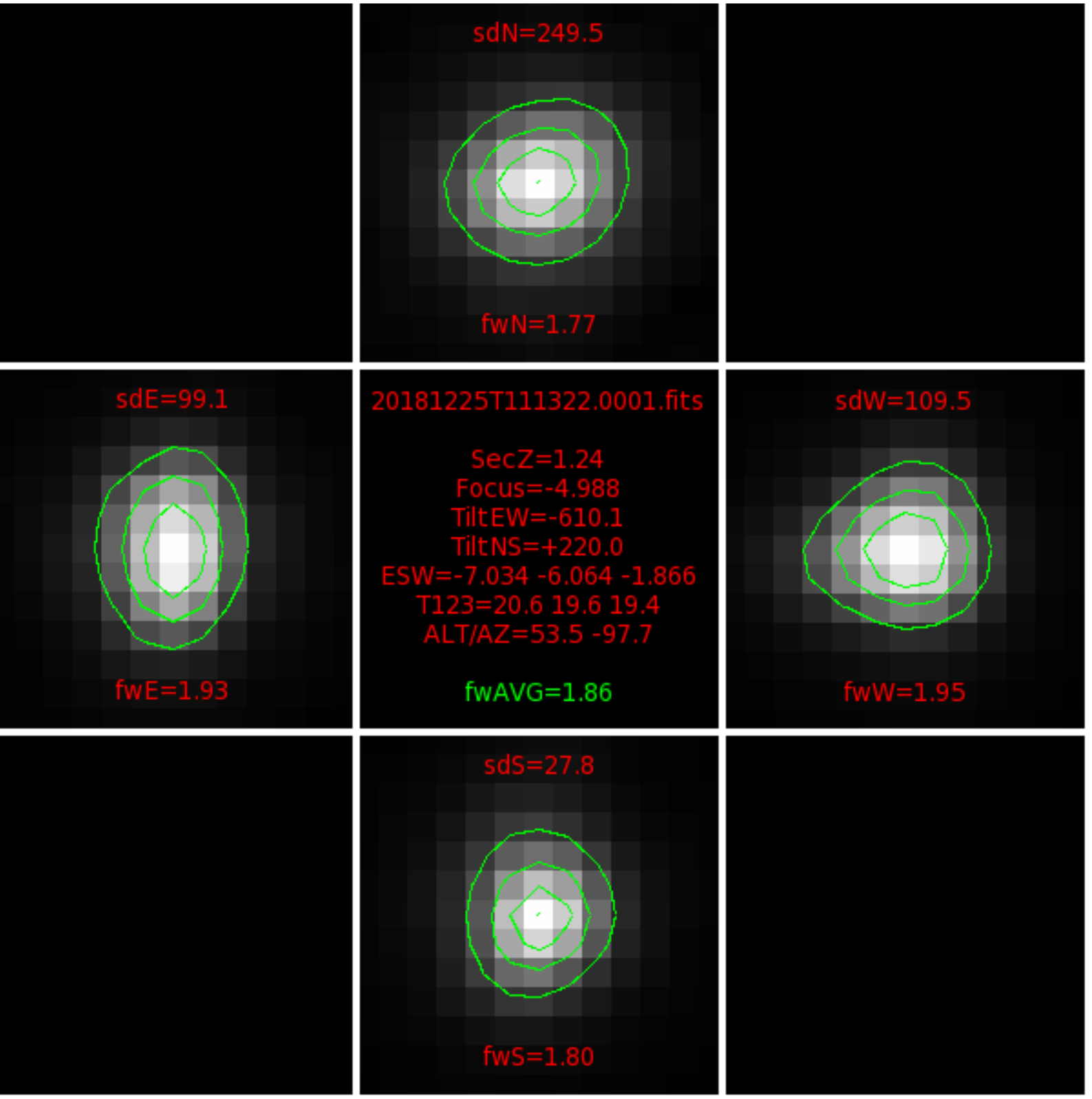

sdN=16.8
fwN=2.60
sdE=11.3
fwE=2.43
20181225T110747.0001.fits
SecZ=1.23
Focus=-4.995
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.041 -6.071 -1.873
T123=20.8 0.0 19.3
ALT/AZ=54.6 -98.7
fwAVG=2.33
sdW=10.1
fwW=2.01
sdS=7.3
fwS=2.29
0 0 0 0 0 0 0 0 0

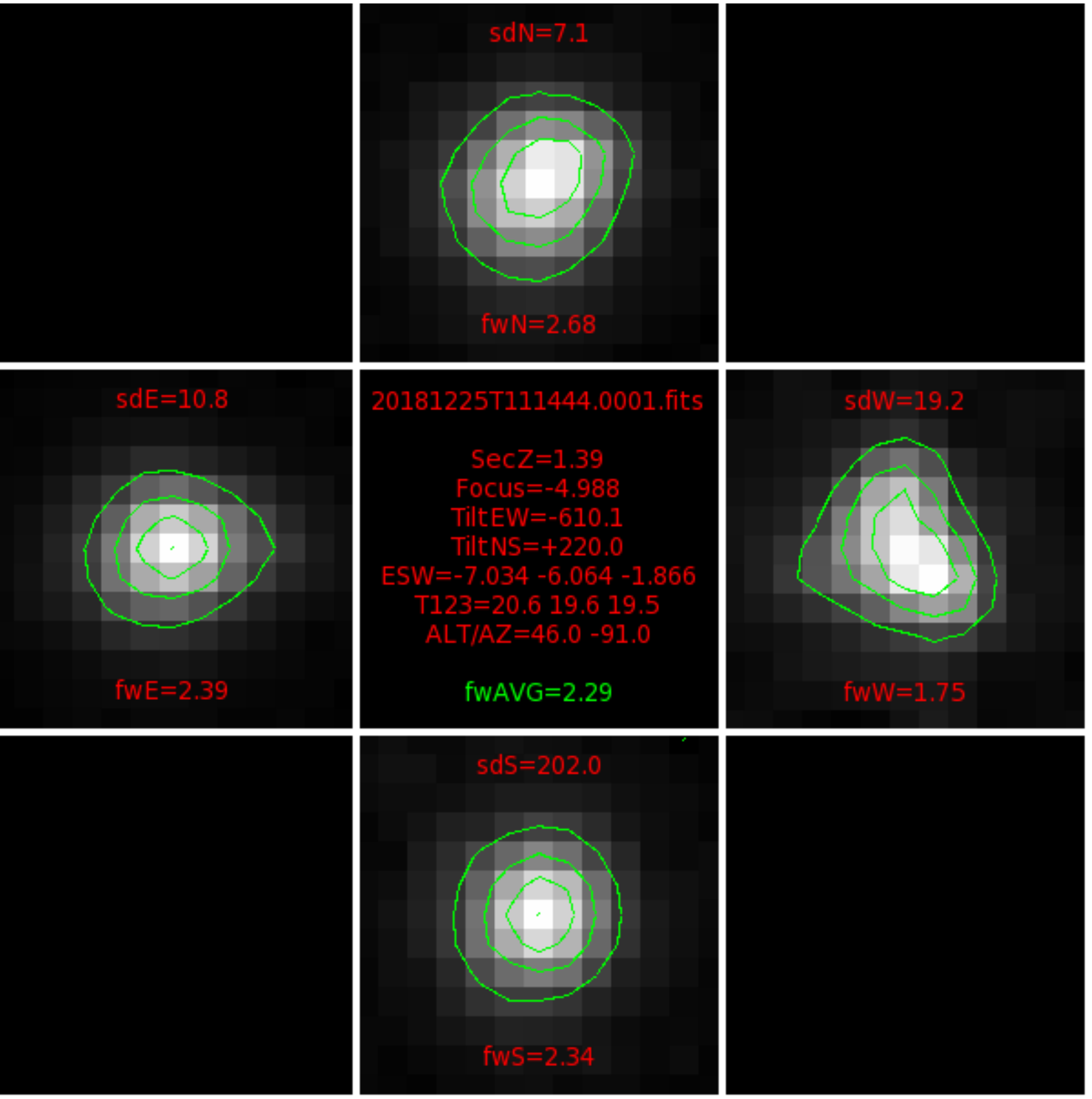

sdN=70.9
fwN=2.43
sdE=26.0
fwE=2.34
20181225T110838.0001.fits
SecZ=1.23
Focus=-4.995
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.041 -6.071 -1.873
T123=20.8 19.5 19.3
ALT/AZ=54.5 -98.5
fwAVG=2.29
sdW=25.2
fwW=2.28
sdS=9.6
fwS=2.12
0 0 0 0 0 0 0 0 0

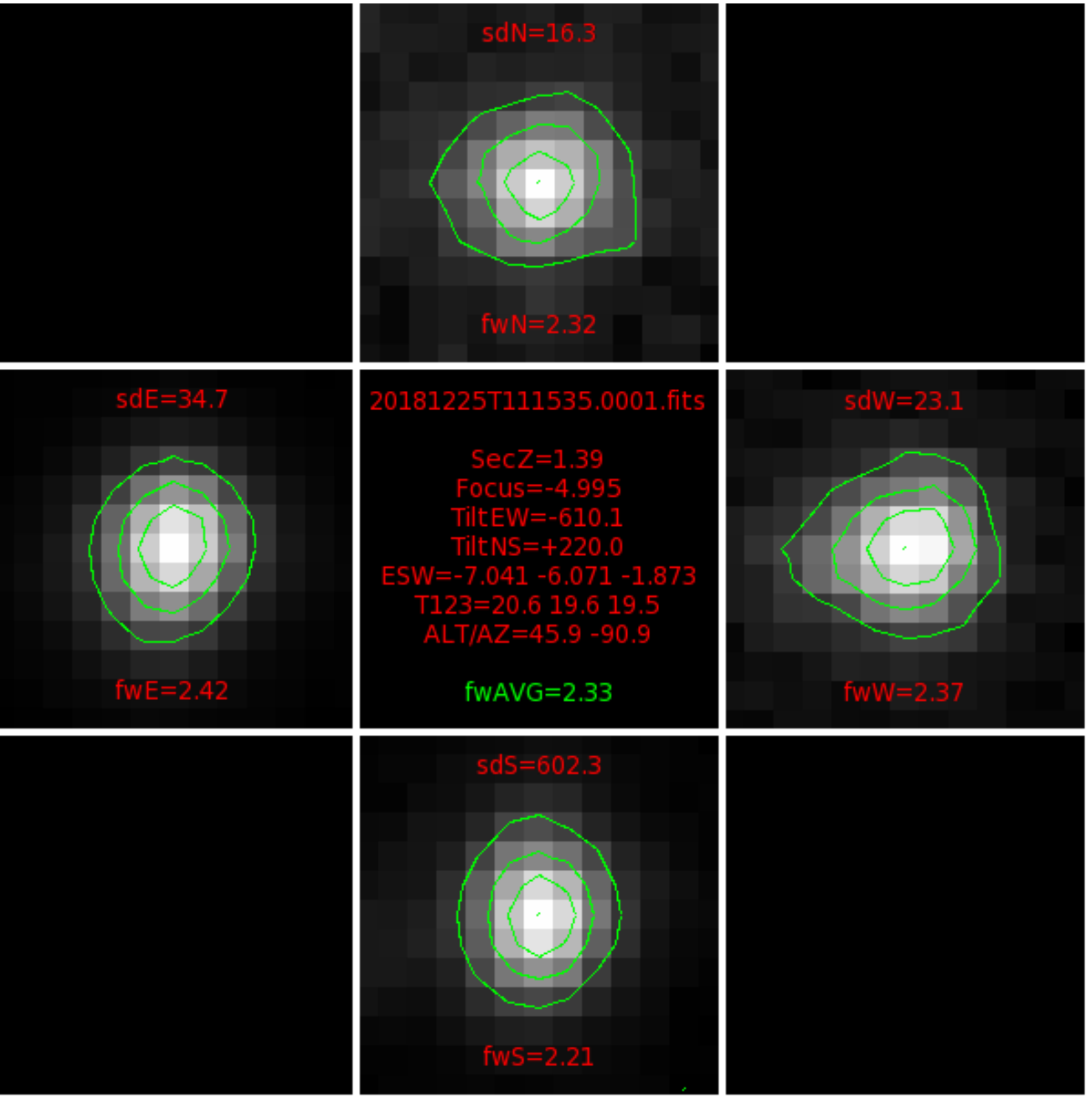

sdN=37.9
fwN=2.22
sdE=13.8
fwE=2.15
20181225T110944.0001.fits
SecZ=1.23
Focus=-4.988
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.034 -6.064 -1.866
T123=20.7 19.5 19.5
ALT/AZ=54.2 -98.3
fwAVG=2.08
sdW=11.5
fwW=2.15
sdS=6.7
fwS=1.80
0 0 0 0 0 0 0 0 0

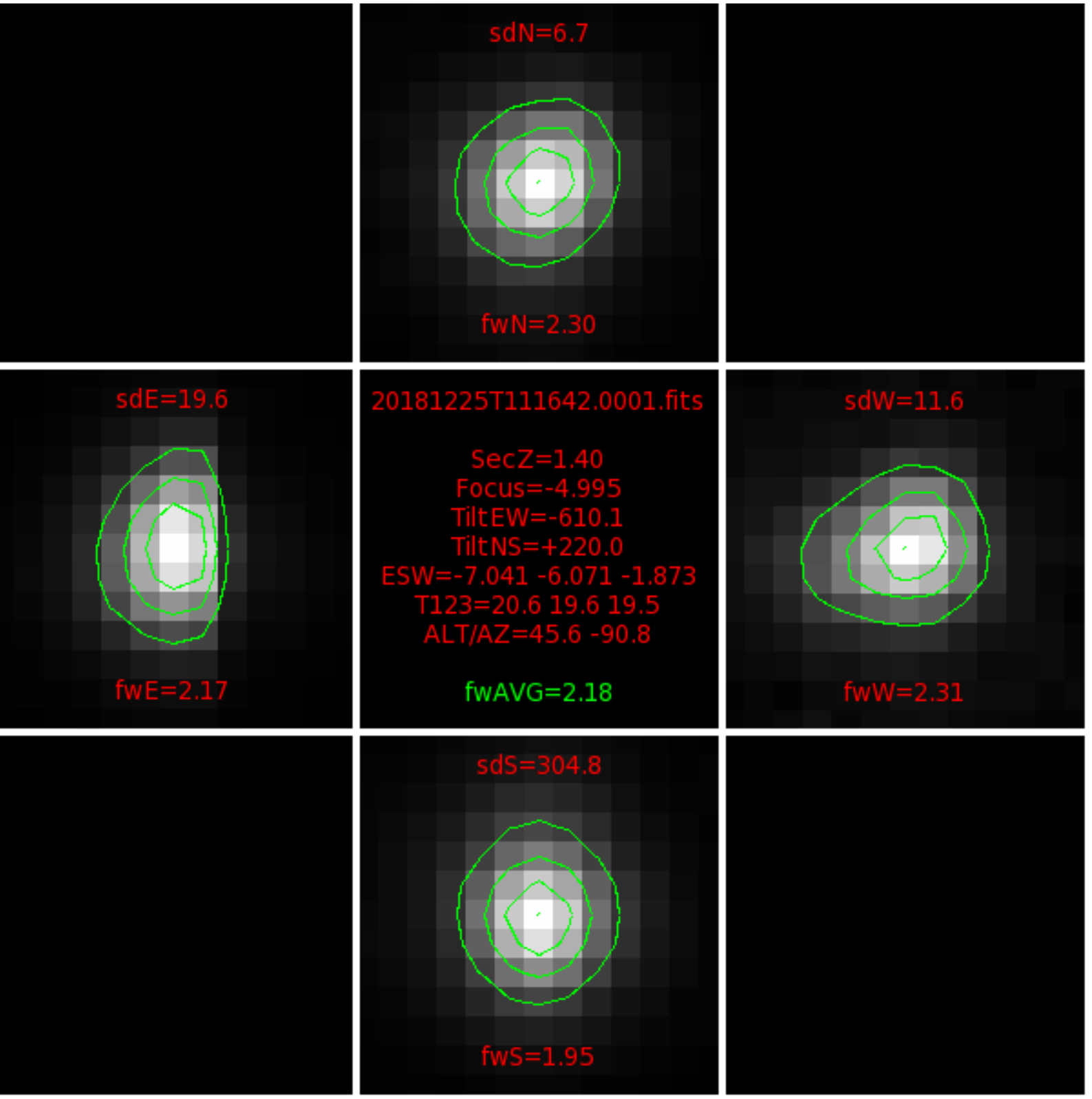

sdN=123.0
fwN=2.05
sdE=41.8
fwE=2.17
20181225T111034.0001.fits
SecZ=1.24
Focus=-4.988
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.034 -6.064 -1.866
T123=20.7 19.5 19.3
ALT/AZ=54.1 -98.2
fwAVG=2.08
sdW=42.2
fwW=2.12
sdS=12.5
fwS=1.99
0 0 0 0 0 0 0 0 0

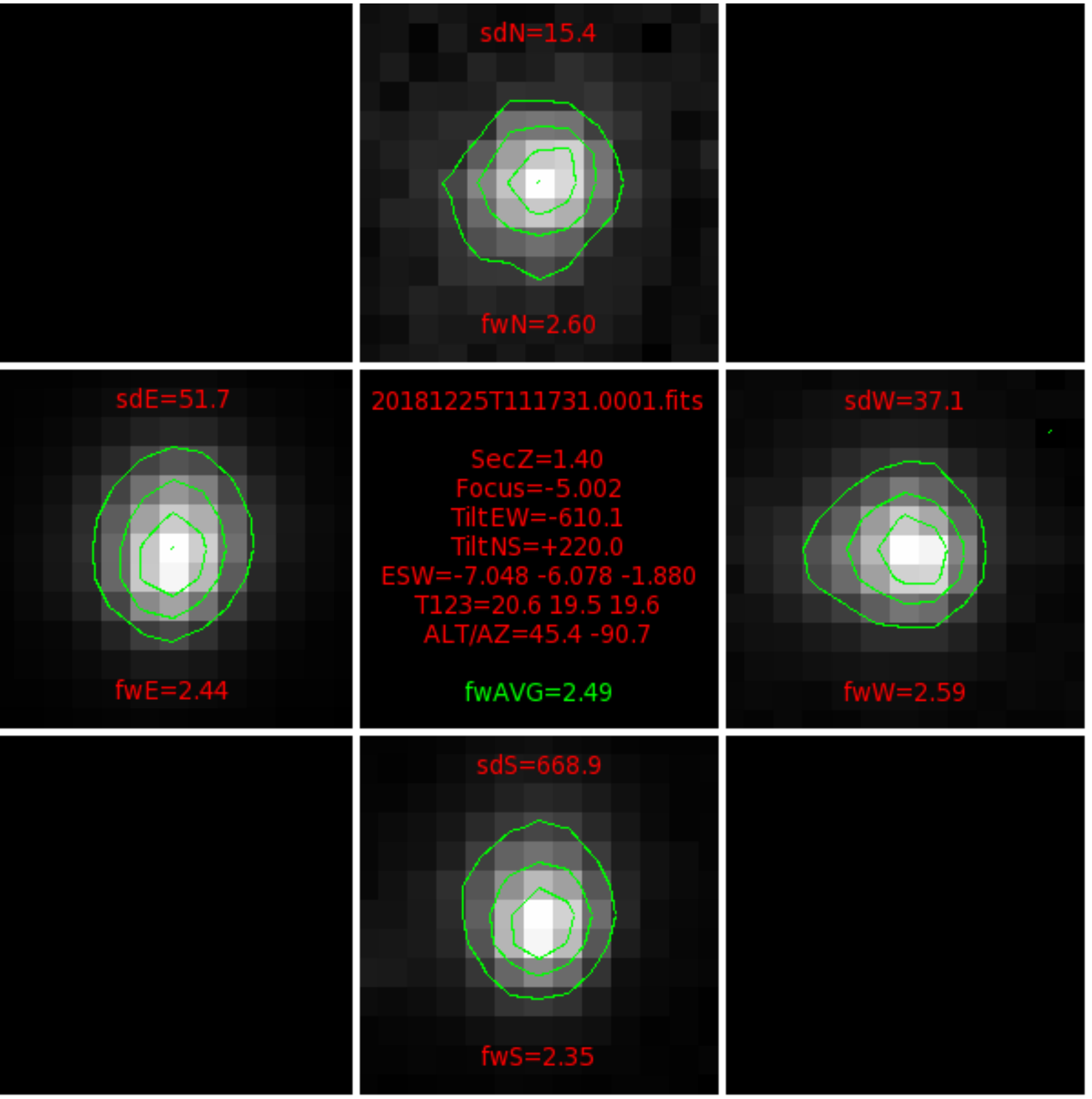

sdN=63.5
fwN=1.91
sdE=31.2
fwE=1.81
20181225T111234.0001.fits
SecZ=1.24
Focus=-5.002
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.048 -6.078 -1.880
T123=20.6 19.5 19.4
ALT/AZ=53.6 -97.8
fwAVG=1.80
sdW=25.5
fwW=1.87
sdS=10.5
fwS=1.62
0 0 0 0 0 0 0 0 0

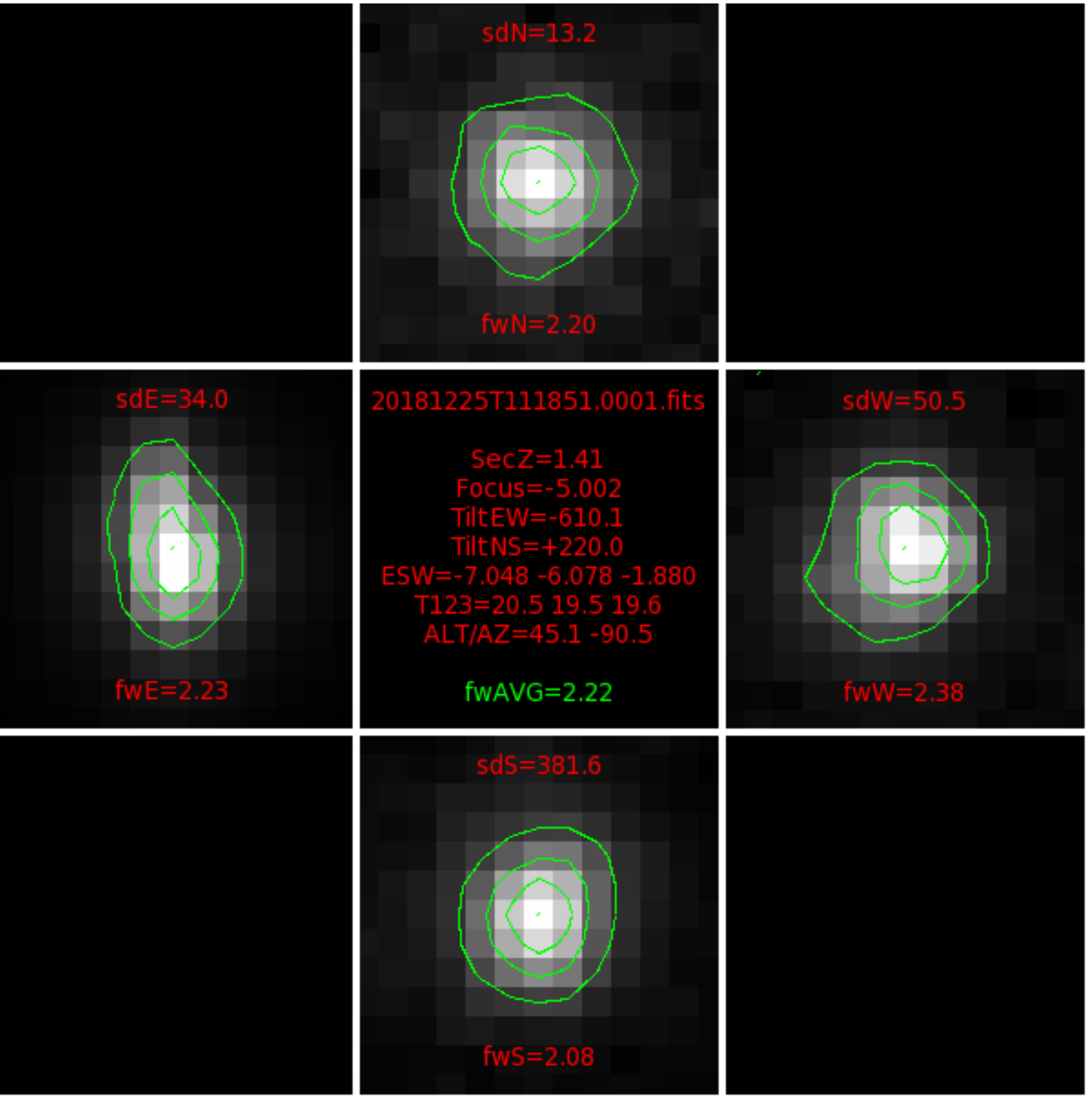

sdN=249.5
fwN=1.77
sdE=99.1
fwE=1.93
20181225T111322.0001.fits
SecZ=1.24
Focus=-4.988
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.034 -6.064 -1.866
T123=20.6 19.6 19.4
ALT/AZ=53.5 -97.7
fwAVG=1.86
sdW=109.5
fwW=1.95
sdS=27.8
fwS=1.80
0 0 0 0 0 0 0 0 0

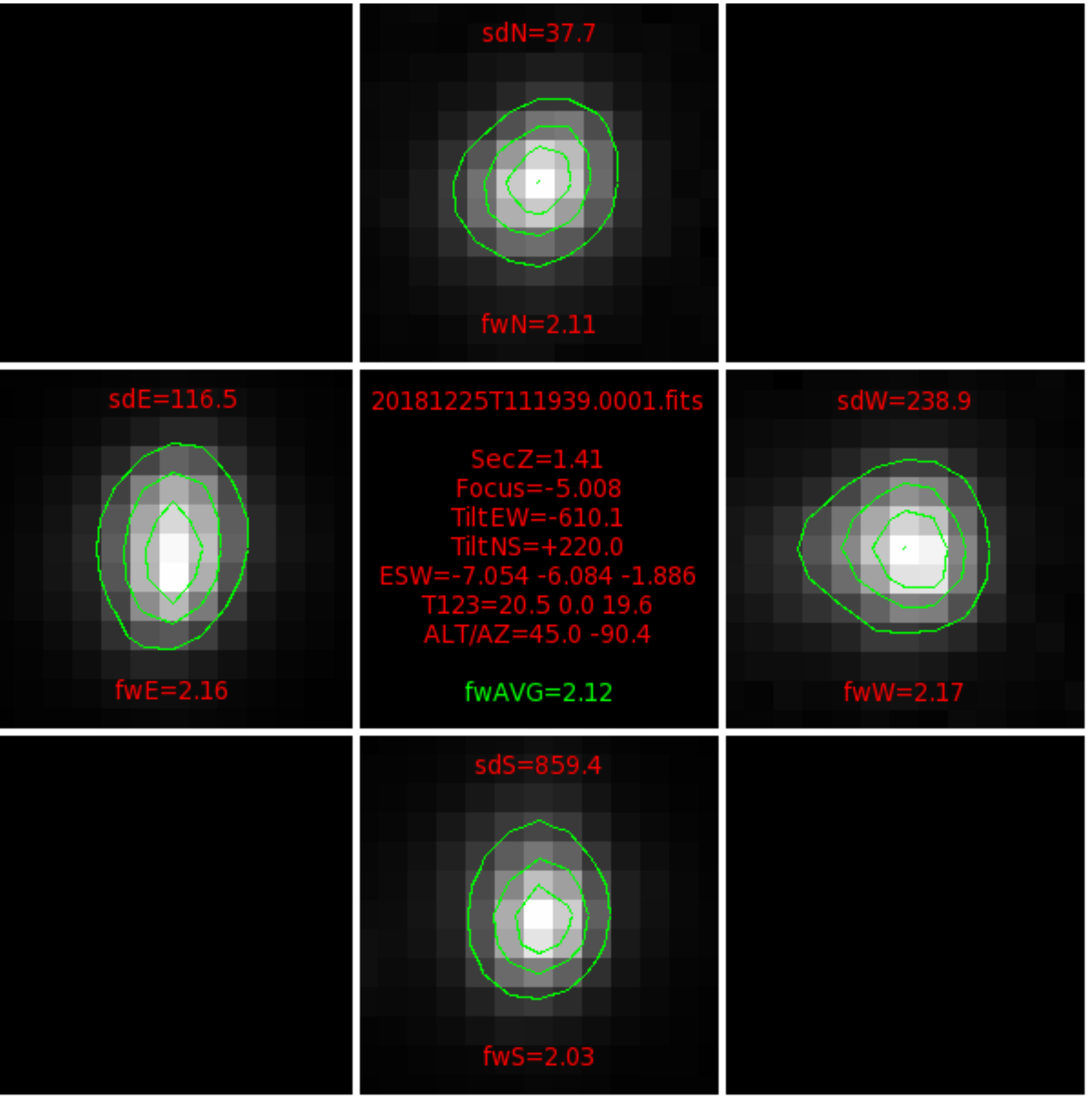

sdN=7.1
fwN=2.68
sdE=10.8
fwE=2.39
20181225T111444.0001.fits
SecZ=1.39
Focus=-4.988
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.034 -6.064 -1.866
T123=20.6 19.6 19.5
ALT/AZ=46.0 -91.0
fwAVG=2.29
sdW=19.2
fwW=1.75
sdS=202.0
fwS=2.34
0 0 0 0 0 0 0 0 0

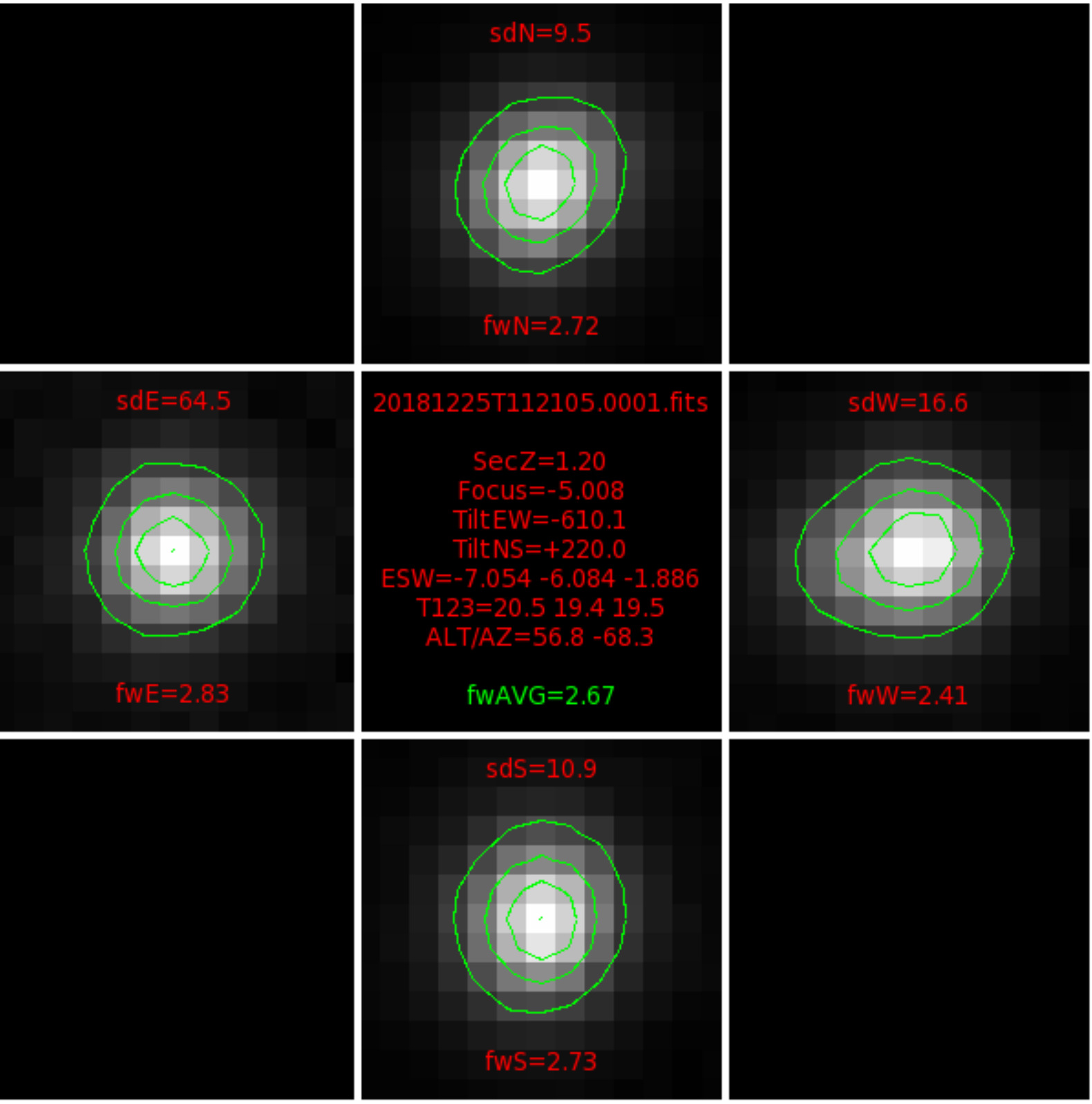

sdN=16.3
fwN=2.32
sdE=34.7
fwE=2.42
20181225T111535.0001.fits
SecZ=1.39
Focus=-4.995
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.041 -6.071 -1.873
T123=20.6 19.6 19.5
ALT/AZ=45.9 -90.9
fwAVG=2.33
sdW=23.1
fwW=2.37
sdS=602.3
fwS=2.21
0 0 0 0 0 0 0 0 0

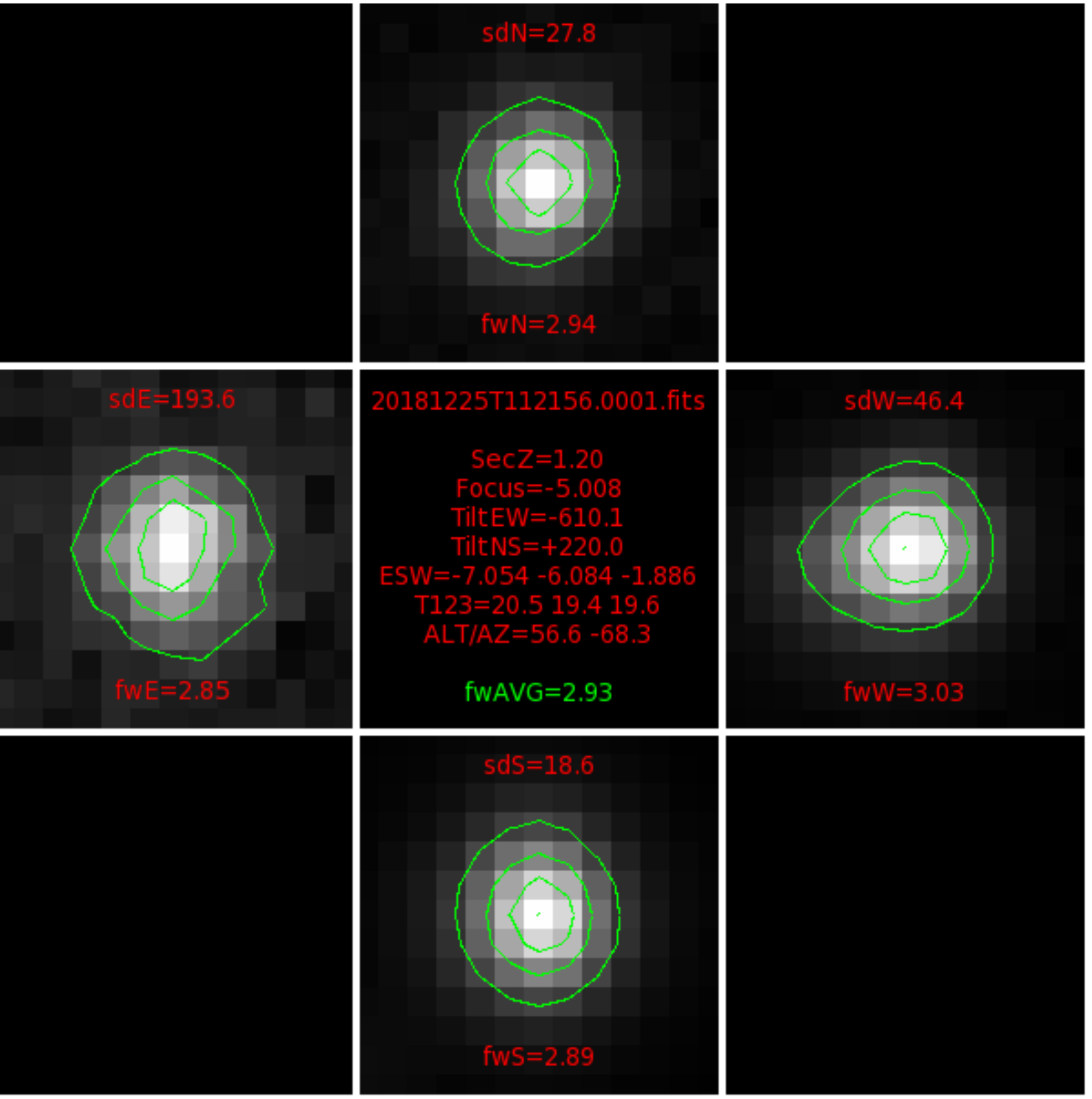

sdN=6.7
fwN=2.30
sdE=19.6
fwE=2.17
20181225T111642.0001.fits
SecZ=1.40
Focus=-4.995
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.041 -6.071 -1.873
T123=20.6 19.6 19.5
ALT/AZ=45.6 -90.8
fwAVG=2.18
sdW=11.6
fwW=2.31
sdS=304.8
fwS=1.95
0 0 0 0 0 0 0 0 0

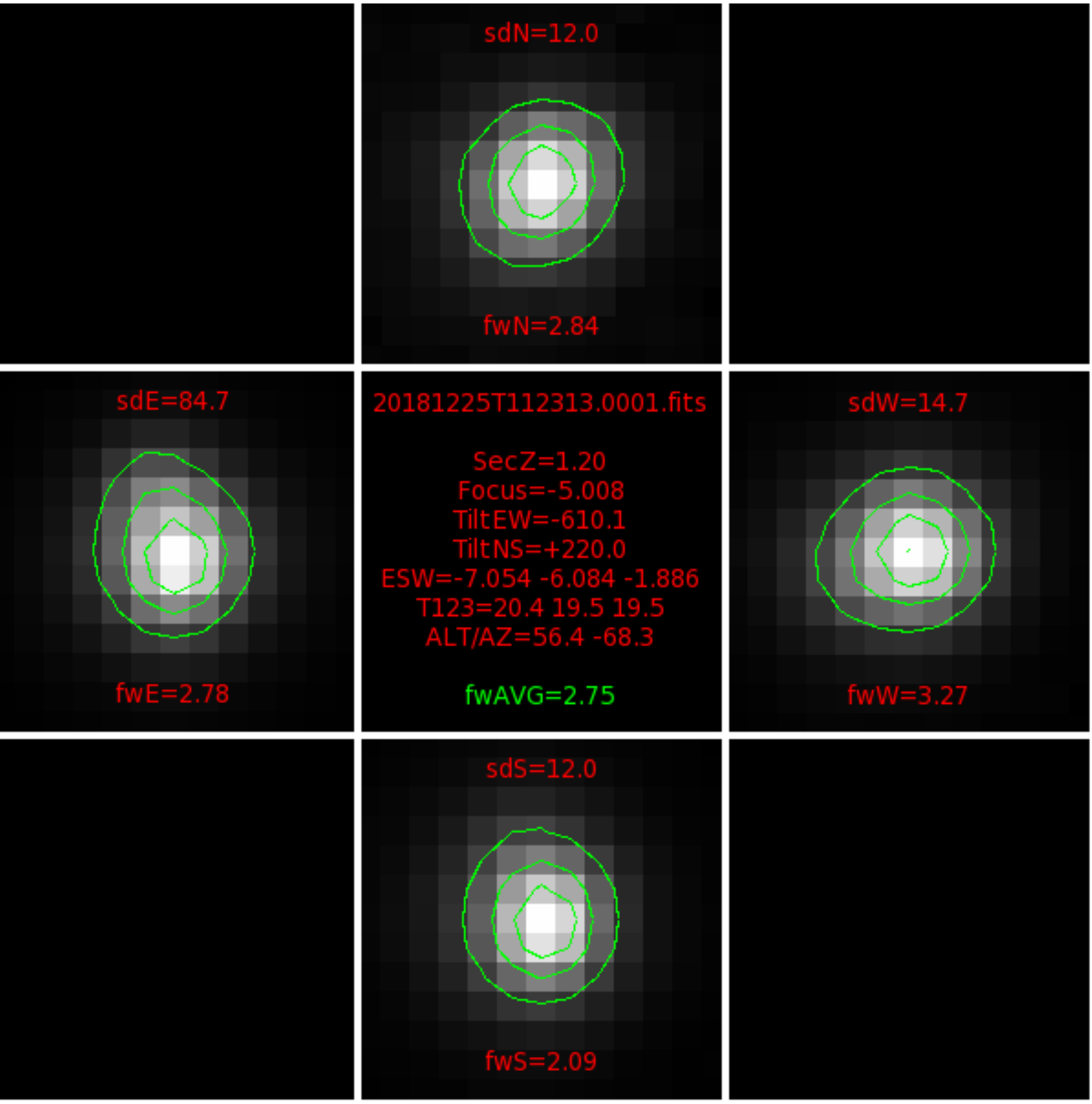

sdN=15.4
fwN=2.60
sdE=51.7
fwE=2.44
20181225T111731.0001.fits
SecZ=1.40
Focus=-5.002
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.048 -6.078 -1.880
T123=20.6 19.5 19.6
ALT/AZ=45.4 -90.7
fwAVG=2.49
sdW=37.1
fwW=2.59
sdS=668.9
fwS=2.35
0 0 0 0 0 0 0 0 0

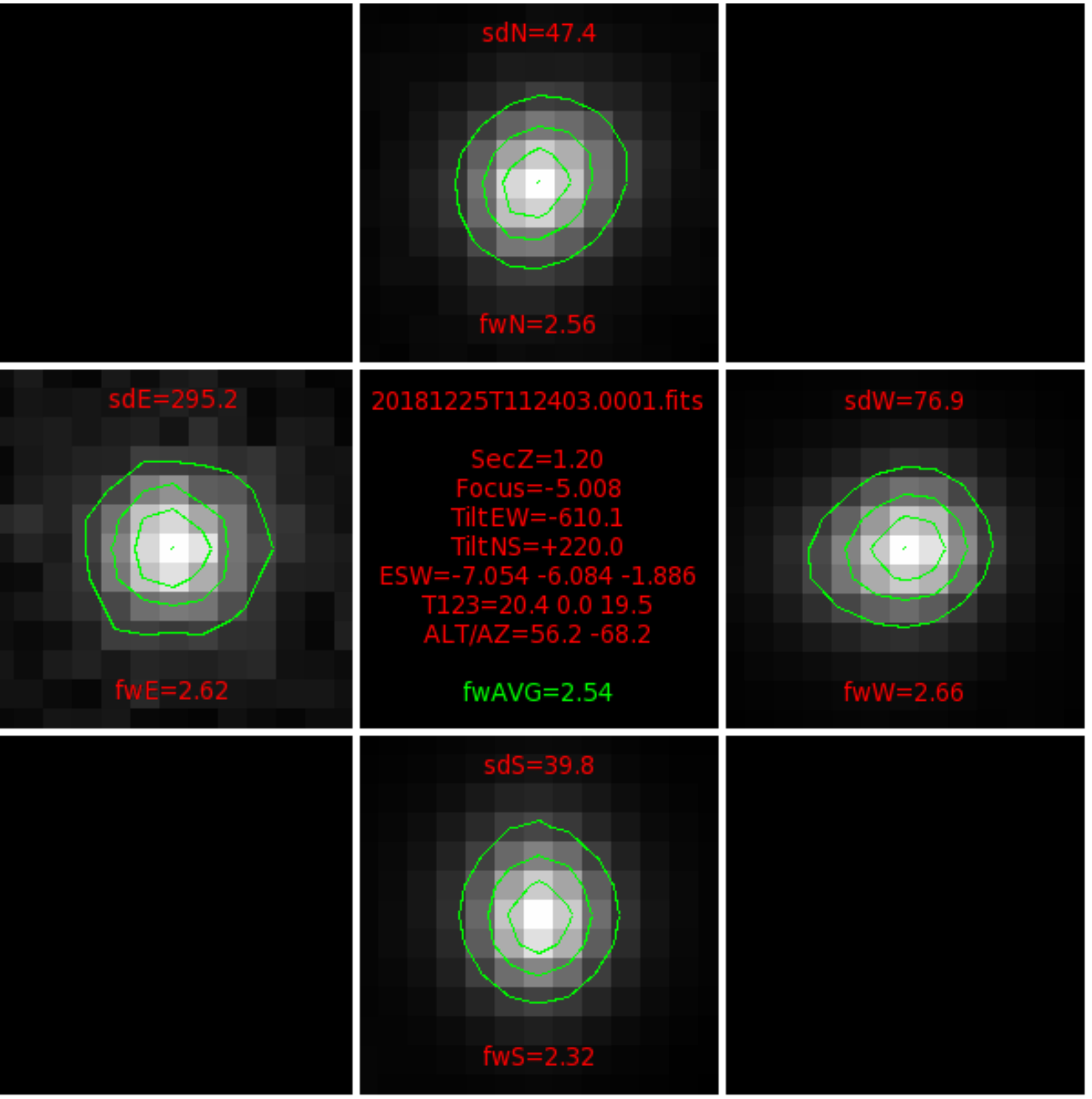

sdN=13.2
fwN=2.20
sdE=34.0
fwE=2.23
20181225T111851.0001.fits
SecZ=1.41
Focus=-5.002
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.048 -6.078 -1.880
T123=20.5 19.5 19.6
ALT/AZ=45.1 -90.5
fwAVG=2.22
sdW=50.5
fwW=2.38
sdS=381.6
fwS=2.08
0 0 0 0 0 0 0 0 0

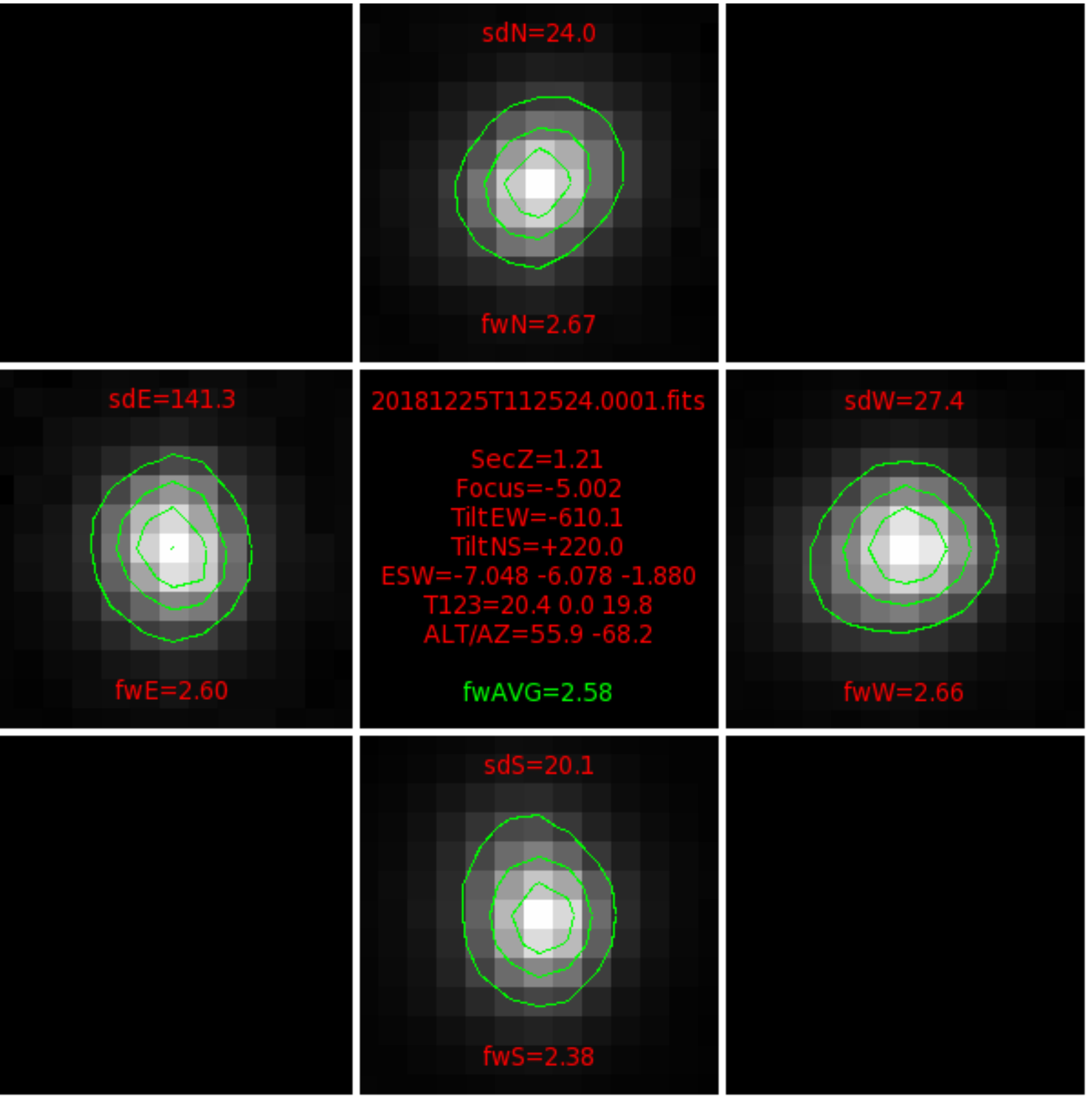

sdN=37.7
fwN=2.11
sdE=116.5
fwE=2.16
20181225T111939.0001.fits
SecZ=1.41
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.5 0.0 19.6
ALT/AZ=45.0 -90.4
fwAVG=2.12
sdW=238.9
fwW=2.17
sdS=859.4
fwS=2.03
0 0 0 0 0 0 0 0 0

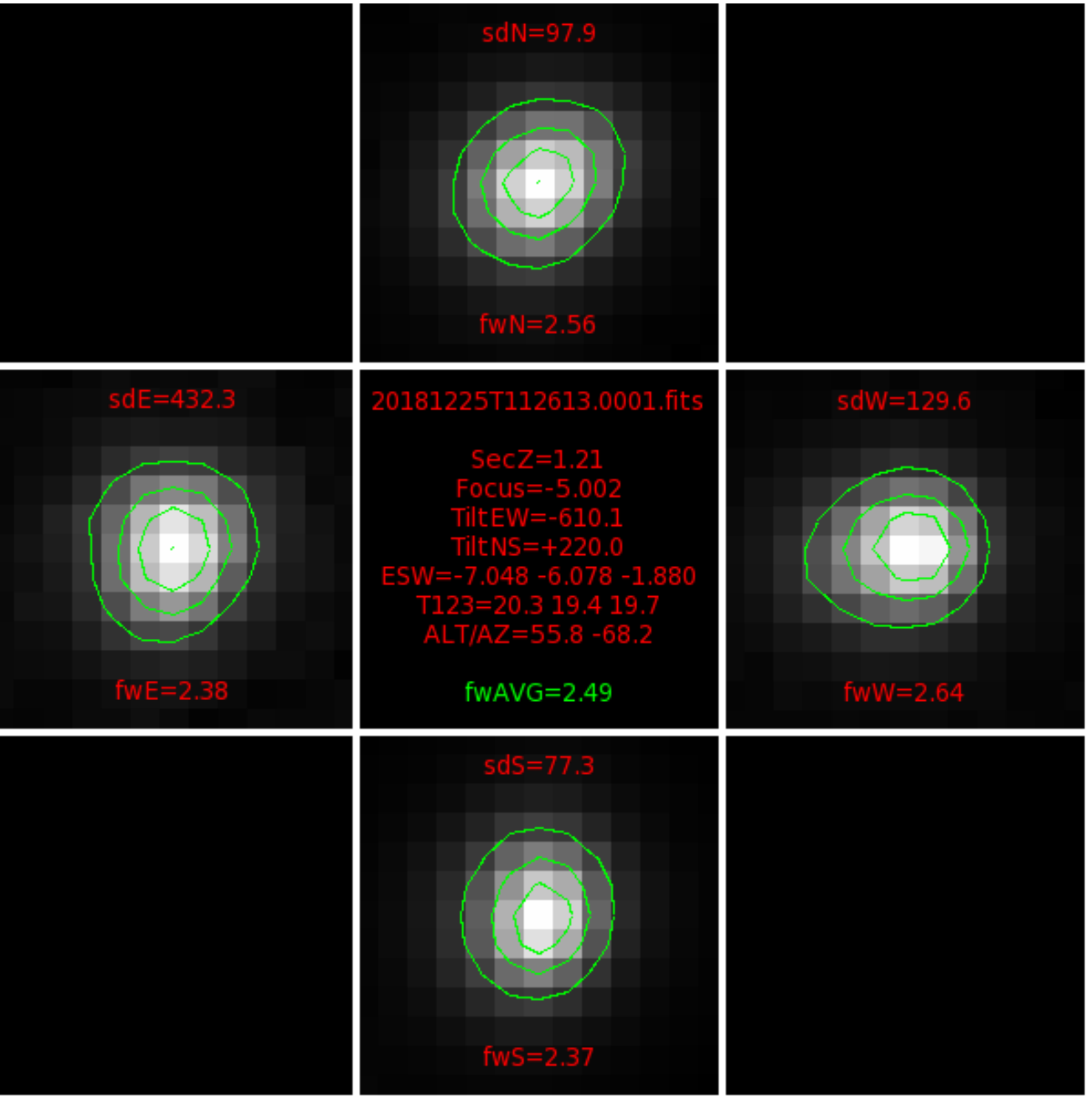

sdN=9.5
fwN=2.72
sdE=64.5
fwE=2.83
20181225T112105.0001.fits
SecZ=1.20
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.5 19.4 19.5
ALT/AZ=56.8 -68.3
fwAVG=2.67
sdW=16.6
fwW=2.41
sdS=10.9
fwS=2.73
0 0 0 0 0 0 0 0 0

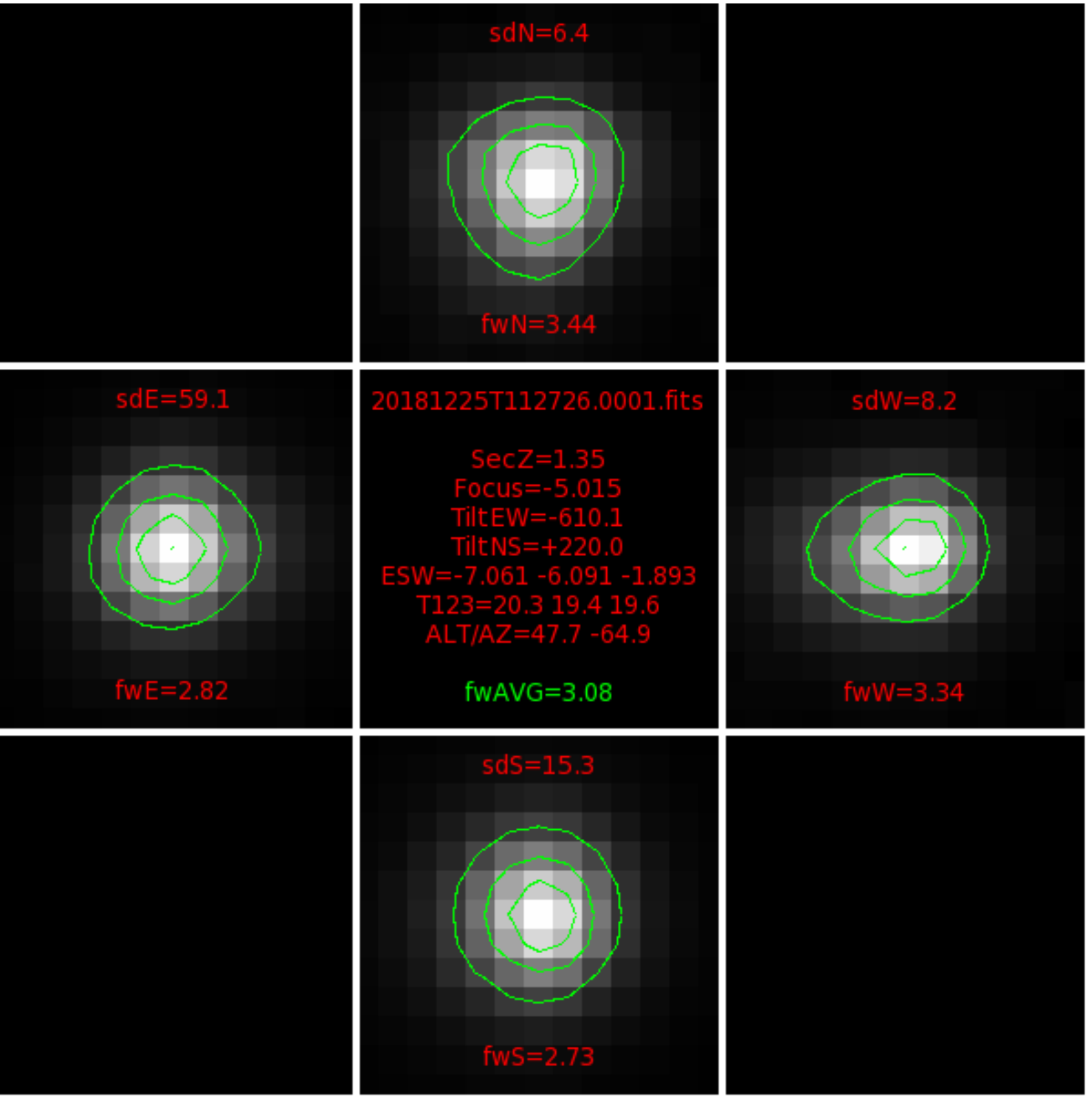

sdN=27.8
fwN=2.94
sdE=193.6
fwE=2.85
20181225T112156.0001.fits
SecZ=1.20
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.5 19.4 19.6
ALT/AZ=56.6 -68.3
fwAVG=2.93
sdW=46.4
fwW=3.03
sdS=18.6
fwS=2.89
0 0 0 0 0 0 0 0 0

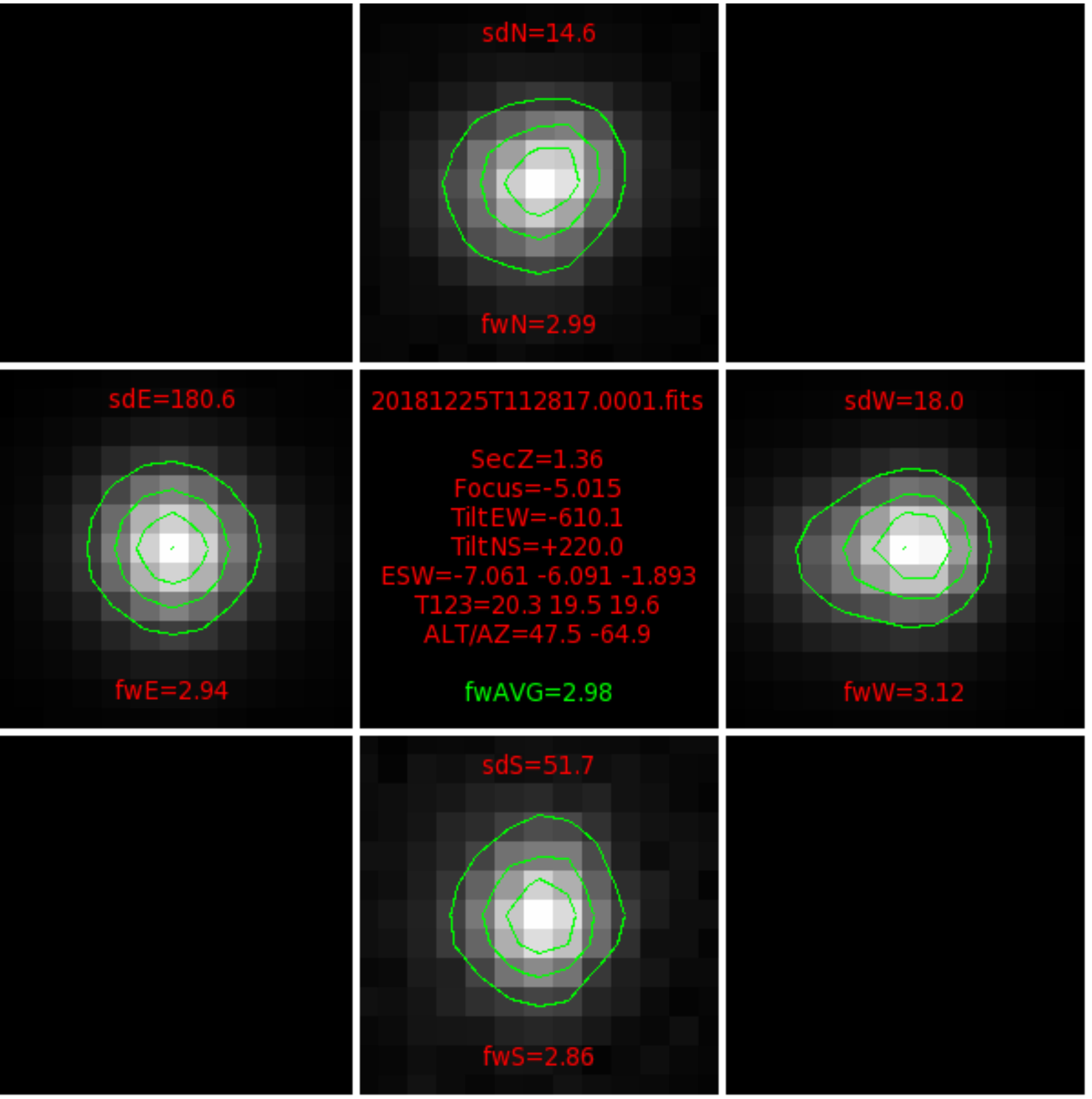

sdN=12.0
fwN=2.84
sdE=84.7
fwE=2.78
20181225T112313.0001.fits
SecZ=1.20
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.4 19.5 19.5
ALT/AZ=56.4 -68.3
fwAVG=2.75
sdW=14.7
fwW=3.27
sdS=12.0
fwS=2.09
0 0 0 0 0 0 0 0 0

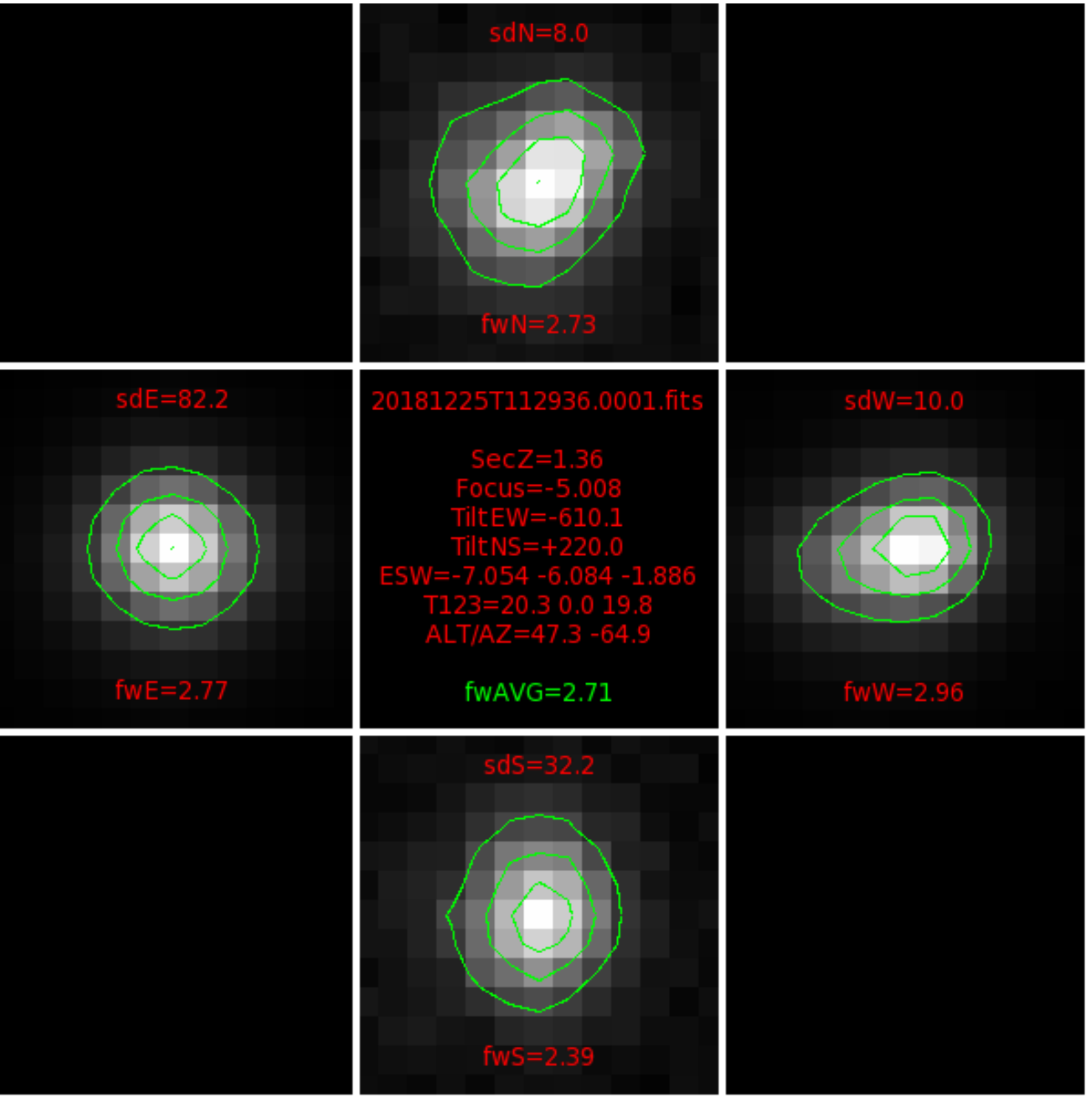

sdN=47.4
fwN=2.56
sdE=295.2
fwE=2.62
20181225T112403.0001.fits
SecZ=1.20
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.4 0.0 19.5
ALT/AZ=56.2 -68.2
fwAVG=2.54
sdW=76.9
fwW=2.66
sdS=39.8
fwS=2.32
0 0 0 0 0 0 0 0 0

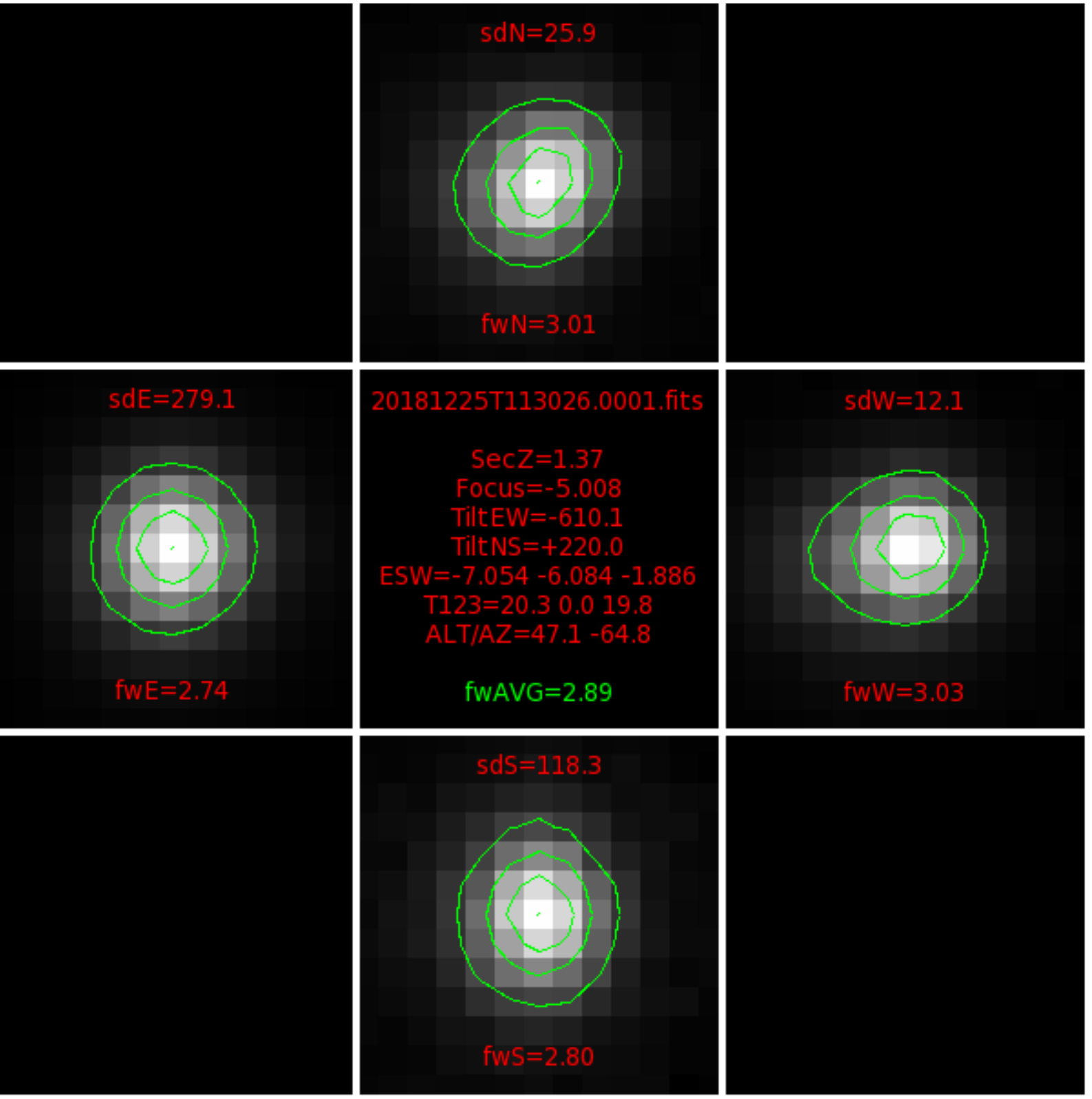

sdN=24.0
fwN=2.67
sdE=141.3
fwE=2.60
20181225T112524.0001.fits
SecZ=1.21
Focus=-5.002
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.048 -6.078 -1.880
T123=20.4 0.0 19.8
ALT/AZ=55.9 -68.2
fwAVG=2.58
sdW=27.4
fwW=2.66
sdS=20.1
fwS=2.38
0 0 0 0 0 0 0 0 0

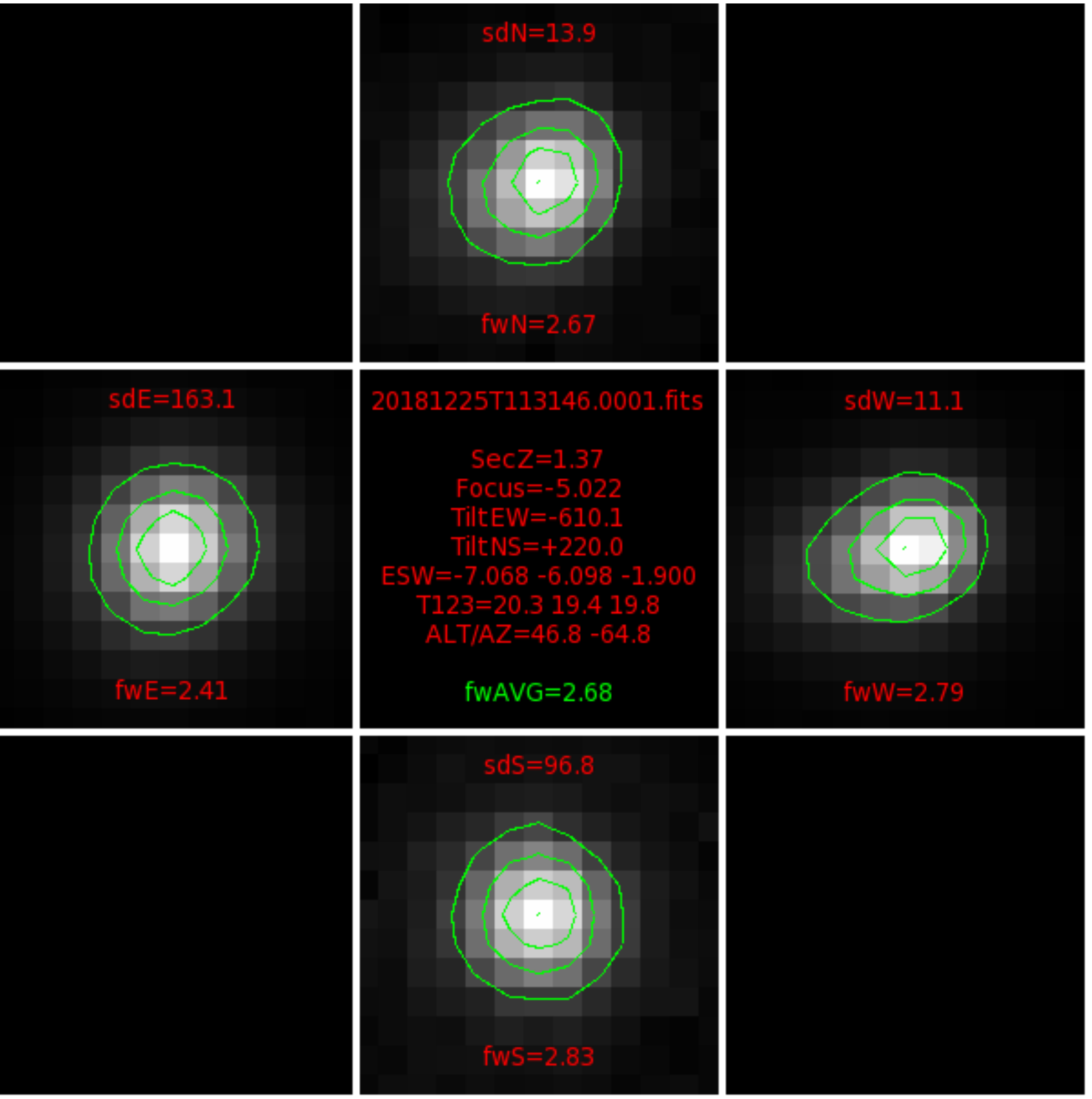

sdN=97.9
fwN=2.56
sdE=432.3
fwE=2.38
20181225T112613.0001.fits
SecZ=1.21
Focus=-5.002
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.048 -6.078 -1.880
T123=20.3 19.4 19.7
ALT/AZ=55.8 -68.2
fwAVG=2.49
sdW=129.6
fwW=2.64
sdS=77.3
fwS=2.37
0 0 0 0 0 0 0 0 0

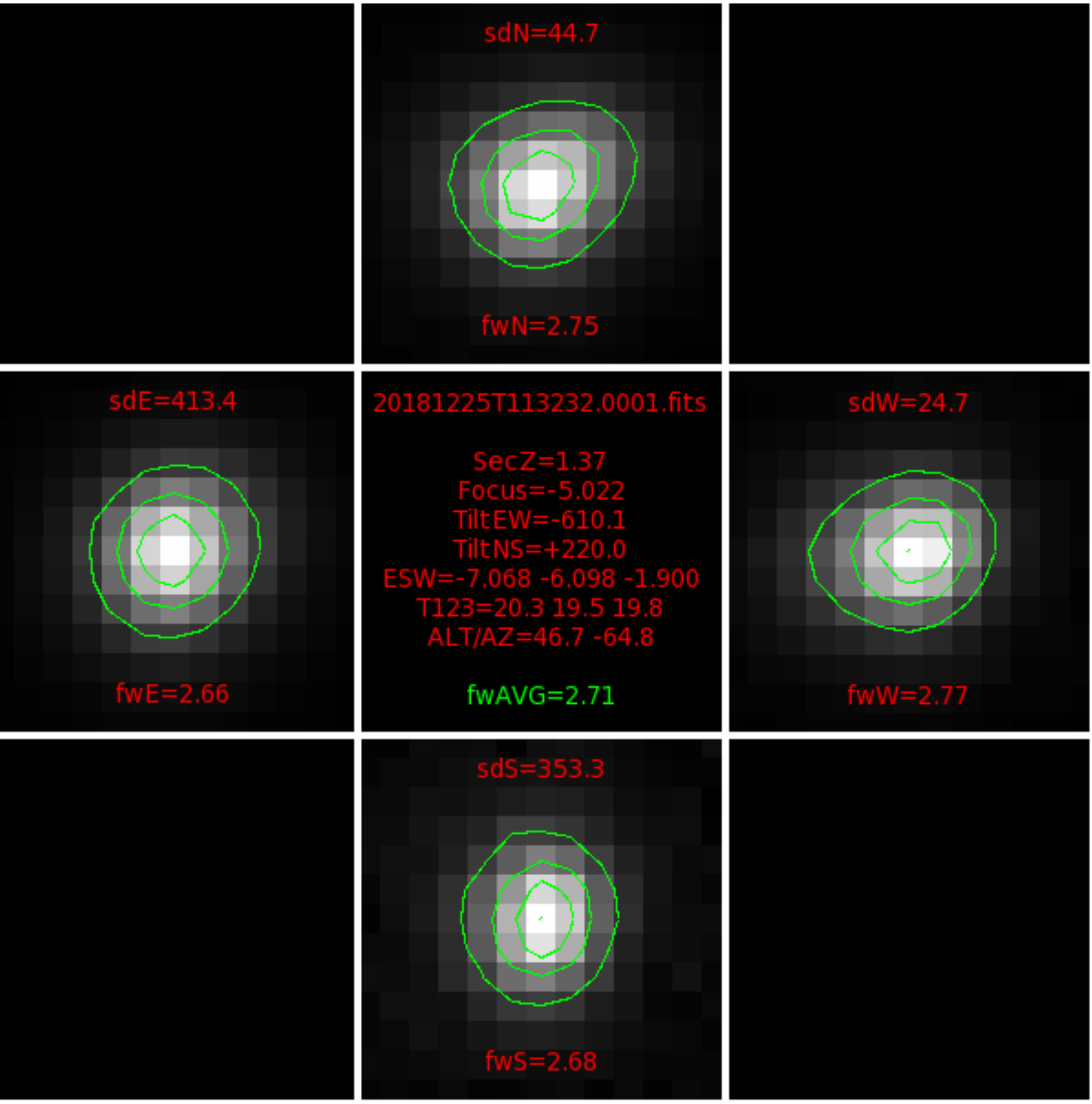

sdN=6.4
fwN=3.44
sdE=59.1
fwE=2.82
20181225T112726.0001.fits
SecZ=1.35
Focus=-5.015
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.061 -6.091 -1.893
T123=20.3 19.4 19.6
ALT/AZ=47.7 -64.9
fwAVG=3.08
sdW=8.2
fwW=3.34
sdS=15.3
fwS=2.73
0 0 0 0 0 0 0 0 0

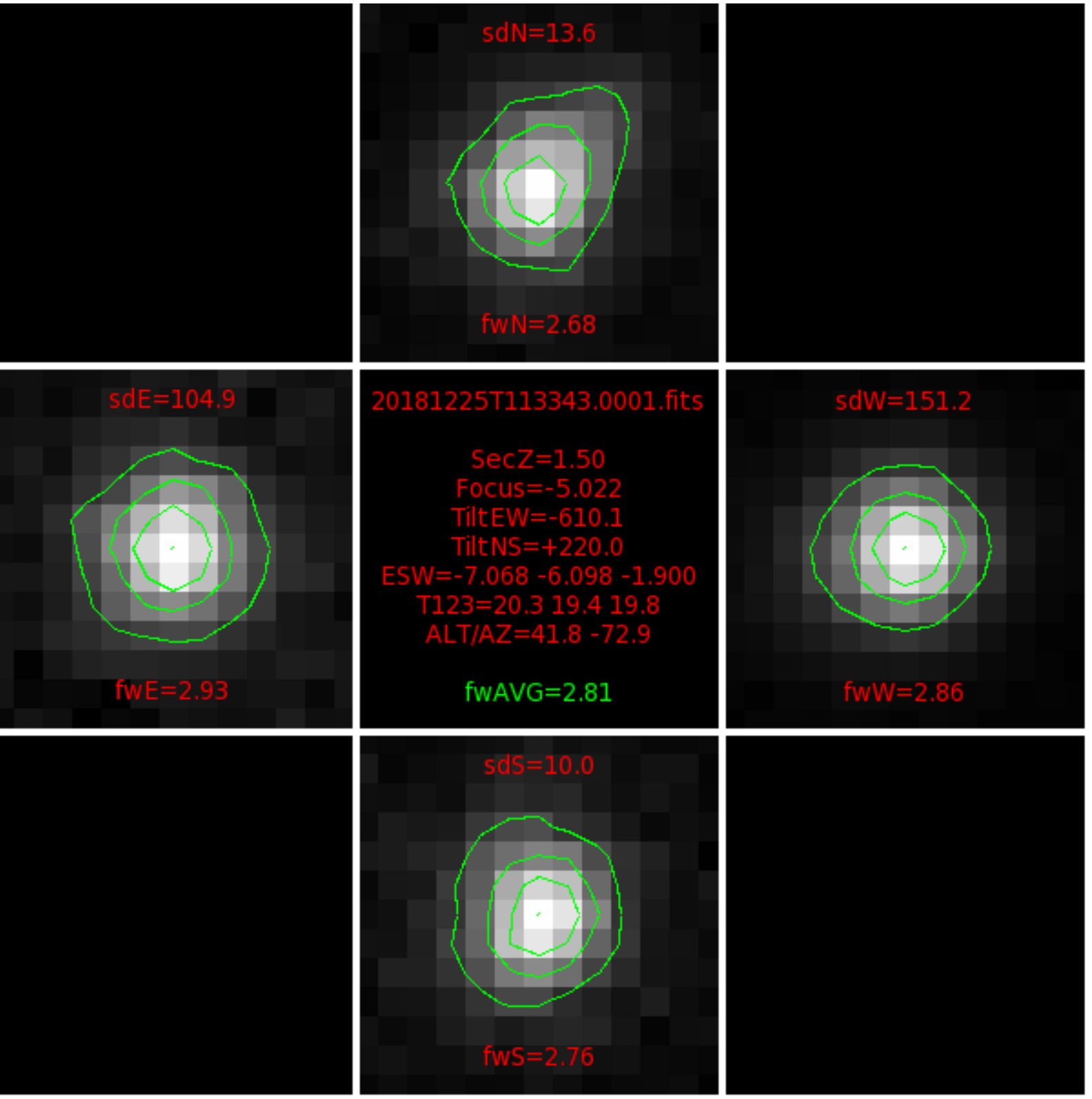

sdN=14.6
fwN=2.99
sdE=180.6
fwE=2.94
20181225T112817.0001.fits
SecZ=1.36
Focus=-5.015
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.061 -6.091 -1.893
T123=20.3 19.5 19.6
ALT/AZ=47.5 -64.9
fwAVG=2.98
sdW=18.0
fwW=3.12
sdS=51.7
fwS=2.86
0 0 0 0 0 0 0 0 0

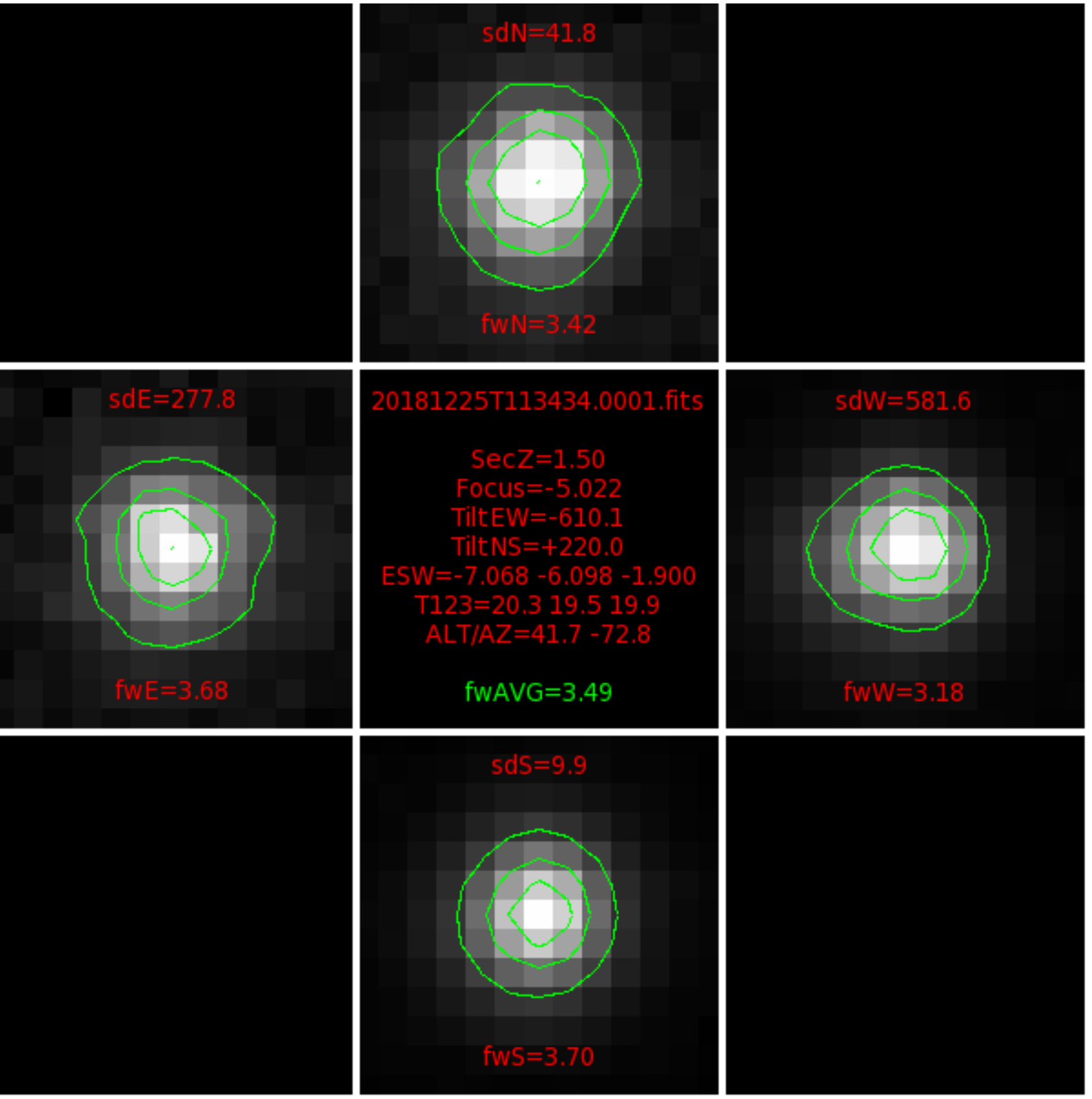

sdN=8.0
fwN=2.73
sdE=82.2
fwE=2.77
20181225T112936.0001.fits
SecZ=1.36
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 0.0 19.8
ALT/AZ=47.3 -64.9
fwAVG=2.71
sdW=10.0
fwW=2.96
sdS=32.2
fwS=2.39
0 0 0 0 0 0 0 0 0

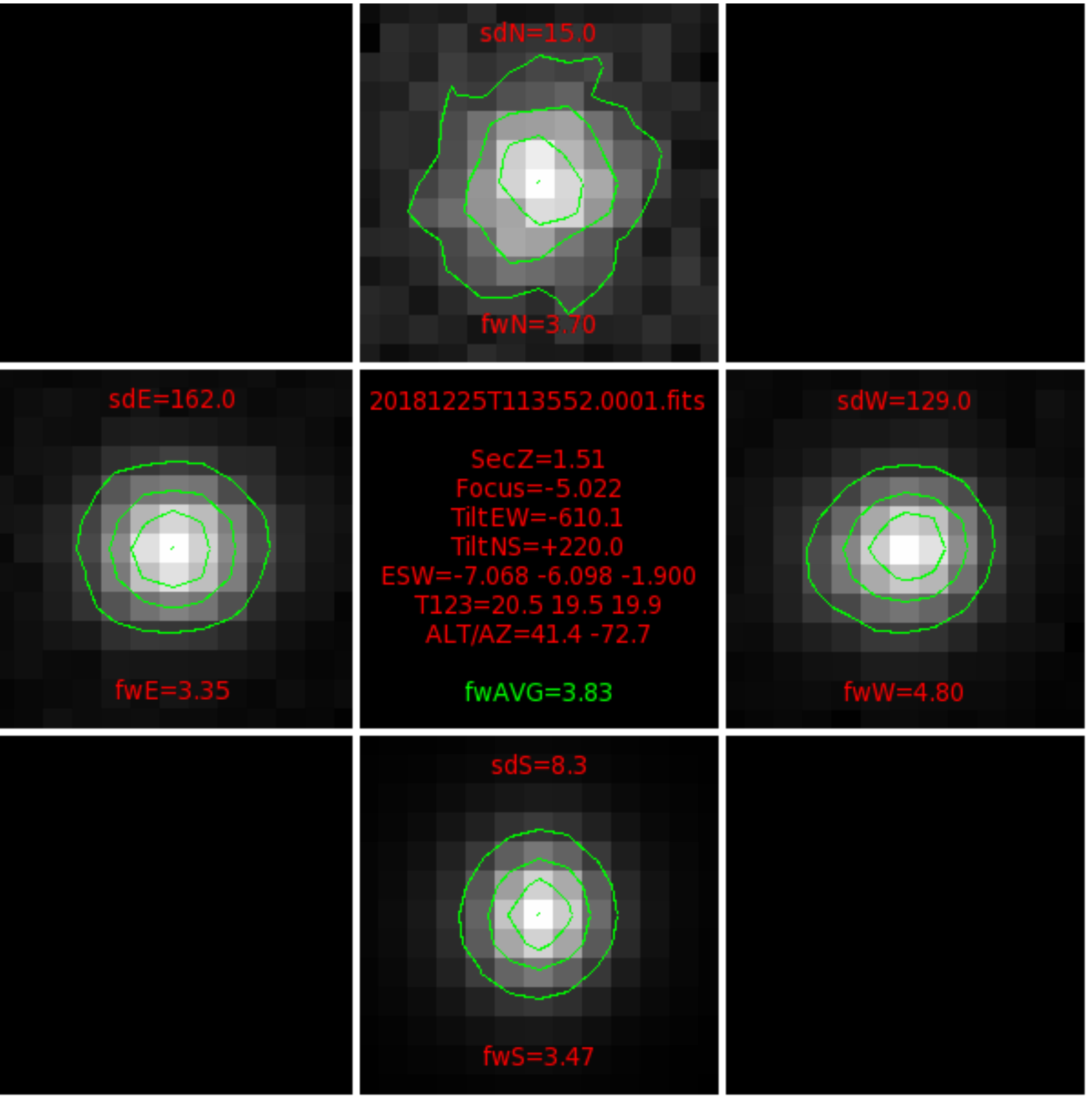

sdN=25.9
fwN=3.01
sdE=279.1
fwE=2.74
20181225T113026.0001.fits
SecZ=1.37
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 0.0 19.8
ALT/AZ=47.1 -64.8
fwAVG=2.89
sdW=12.1
fwW=3.03
sdS=118.3
fwS=2.80
0 0 0 0 0 0 0 0 0

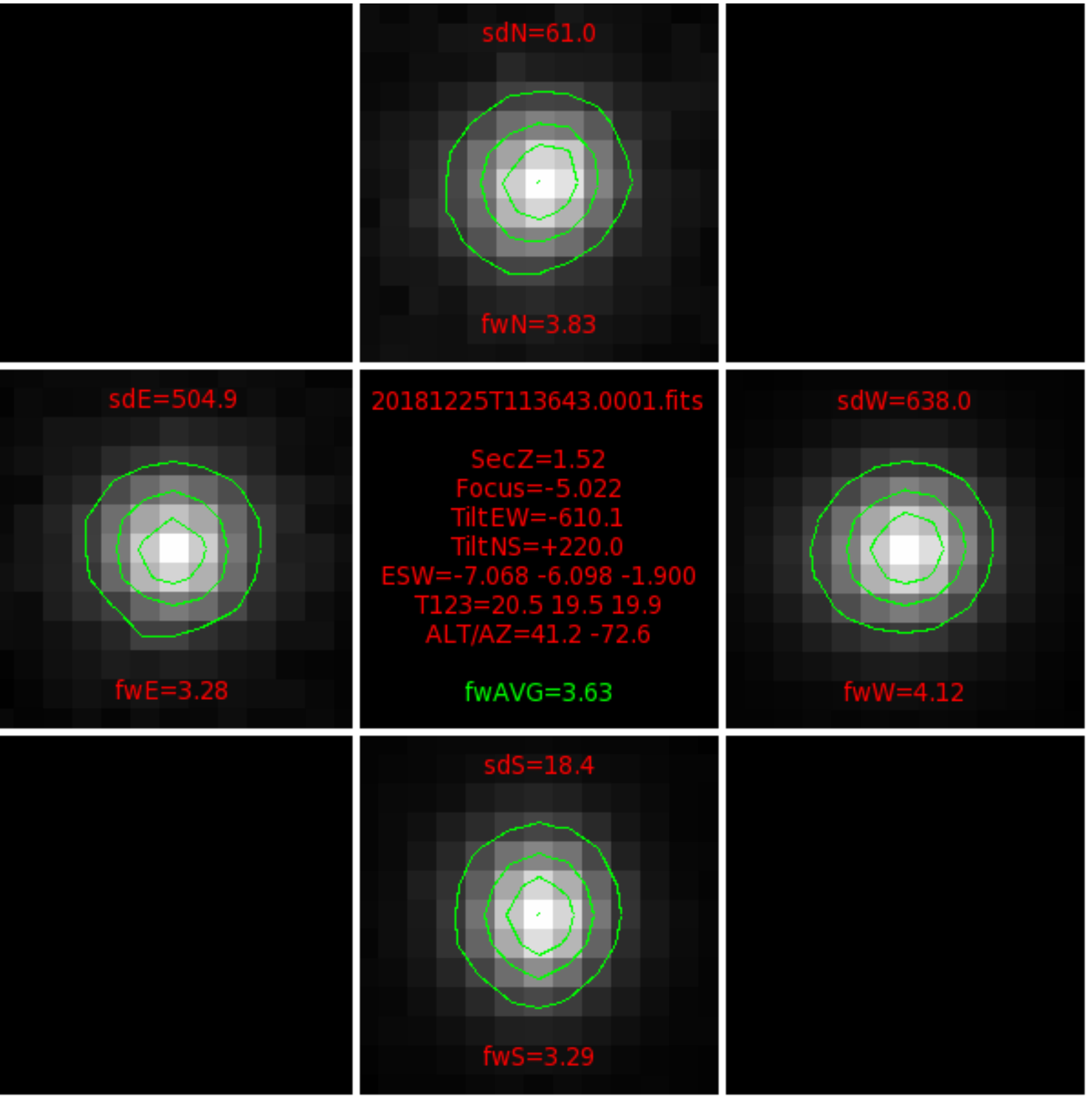

sdN=13.9
fwN=2.67
sdE=163.1
fwE=2.41
20181225T113146.0001.fits
SecZ=1.37
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.3 19.4 19.8
ALT/AZ=46.8 -64.8
fwAVG=2.68
sdW=11.1
fwW=2.79
sdS=96.8
fwS=2.83
0 0 0 0 0 0 0 0 0

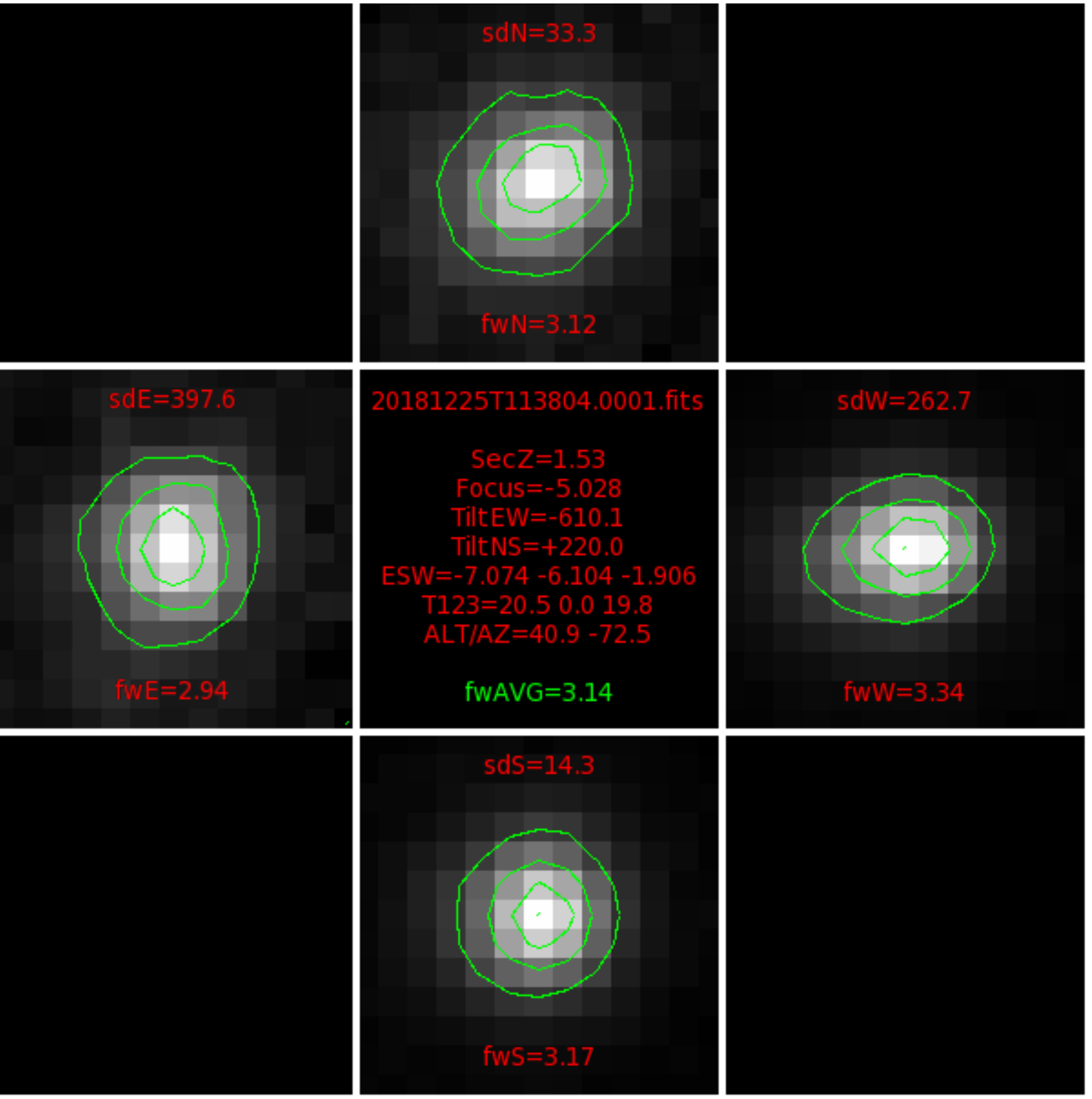

sdN=44.7
fwN=2.75
sdE=413.4
fwE=2.66
20181225T113232.0001.fits
SecZ=1.37
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.3 19.5 19.8
ALT/AZ=46.7 -64.8
fwAVG=2.71
sdW=24.7
fwW=2.77
sdS=353.3
fwS=2.68
0 0 0 0 0 0 0 0 0

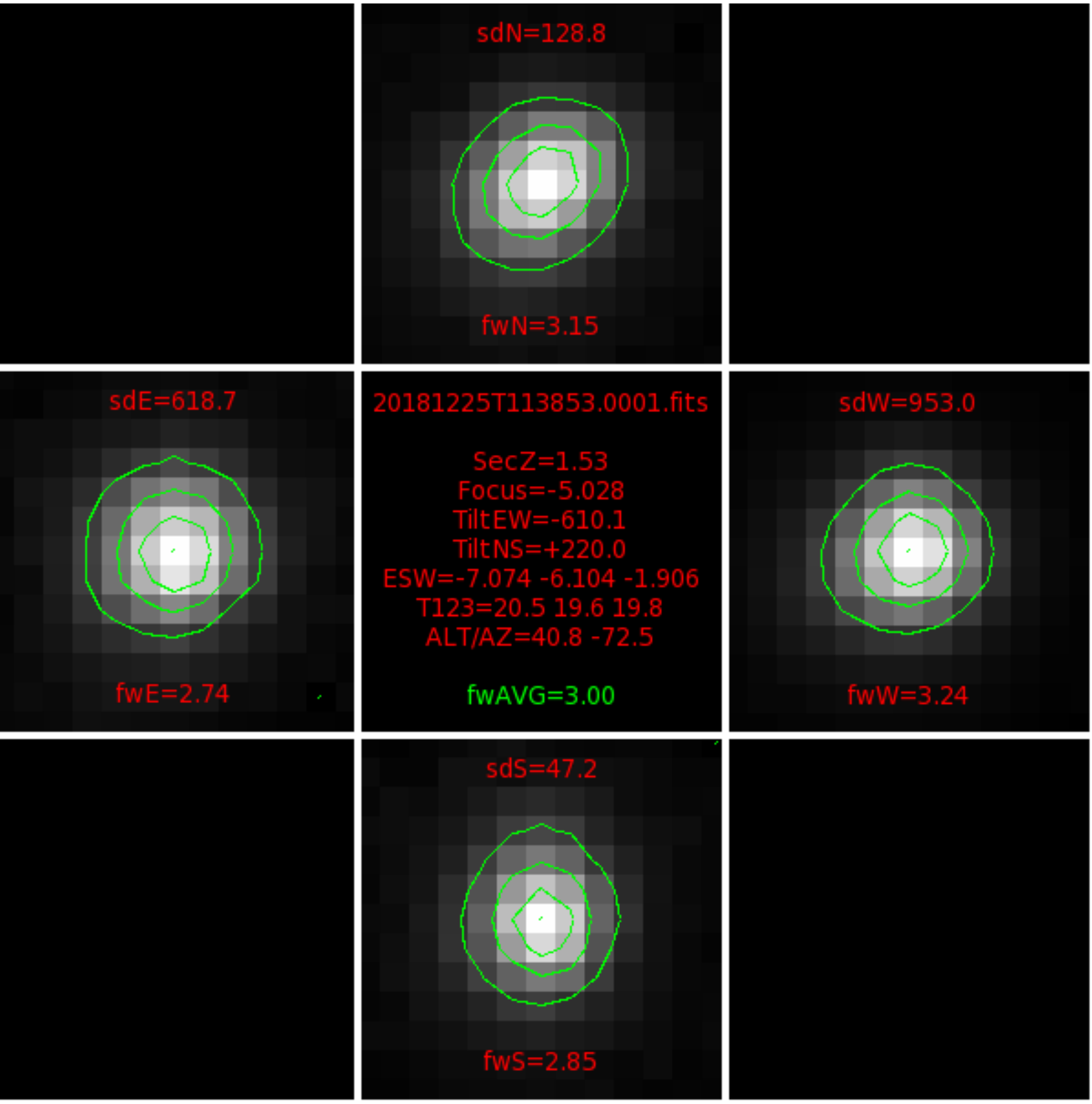

sdN=13.6
fwN=2.68
sdE=104.9
fwE=2.93
20181225T113343.0001.fits
SecZ=1.50
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.3 19.4 19.8
ALT/AZ=41.8 -72.9
fwAVG=2.81
sdW=151.2
fwW=2.86
sdS=10.0
fwS=2.76
0 0 0 0 0 0 0 0 0

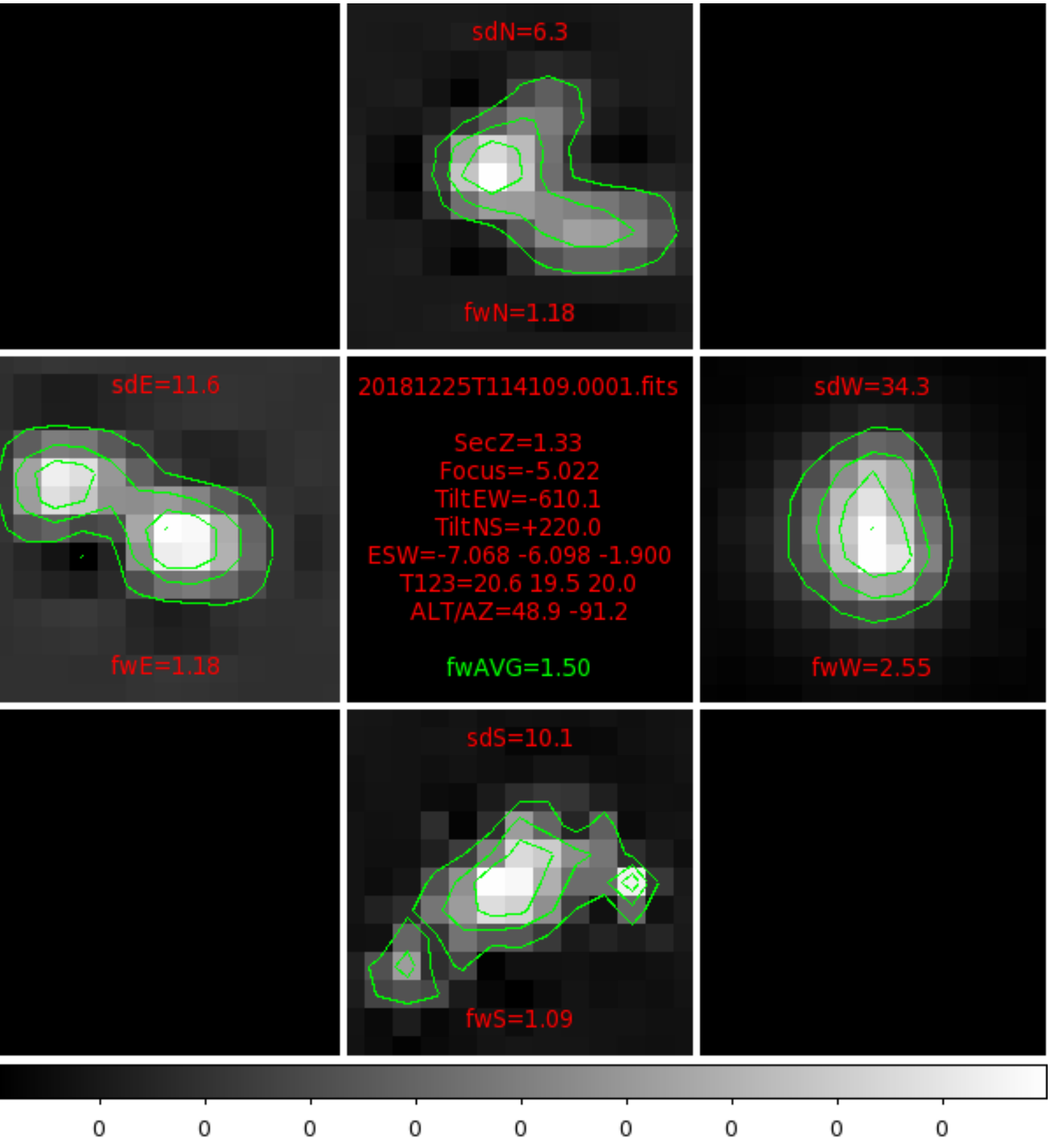

sdN=41.8
fwN=3.42
sdE=277.8
fwE=3.68
20181225T113434.0001.fits
SecZ=1.50
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.3 19.5 19.9
ALT/AZ=41.7 -72.8
fwAVG=3.49
sdW=581.6
fwW=3.18
sdS=9.9
fwS=3.70
0 0 0 0 0 0 0 0 0

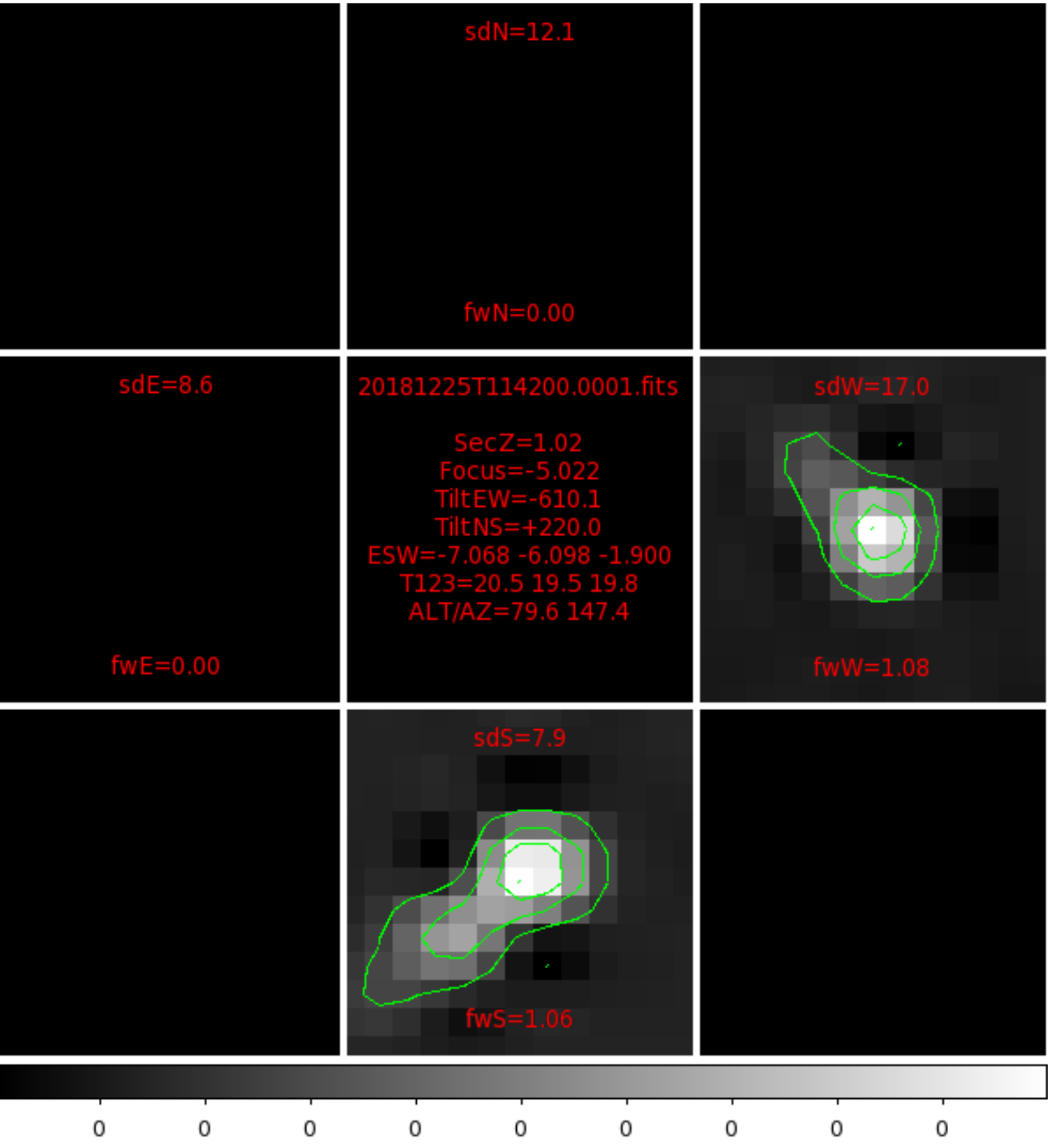

sdN=15.0
fwN=3.70
sdE=162.0
fwE=3.35
20181225T113552.0001.fits
SecZ=1.51
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.5 19.5 19.9
ALT/AZ=41.4 -72.7
fwAVG=3.83
sdW=129.0
fwW=4.80
sdS=8.3
fwS=3.47
0 0 0 0 0 0 0 0 0

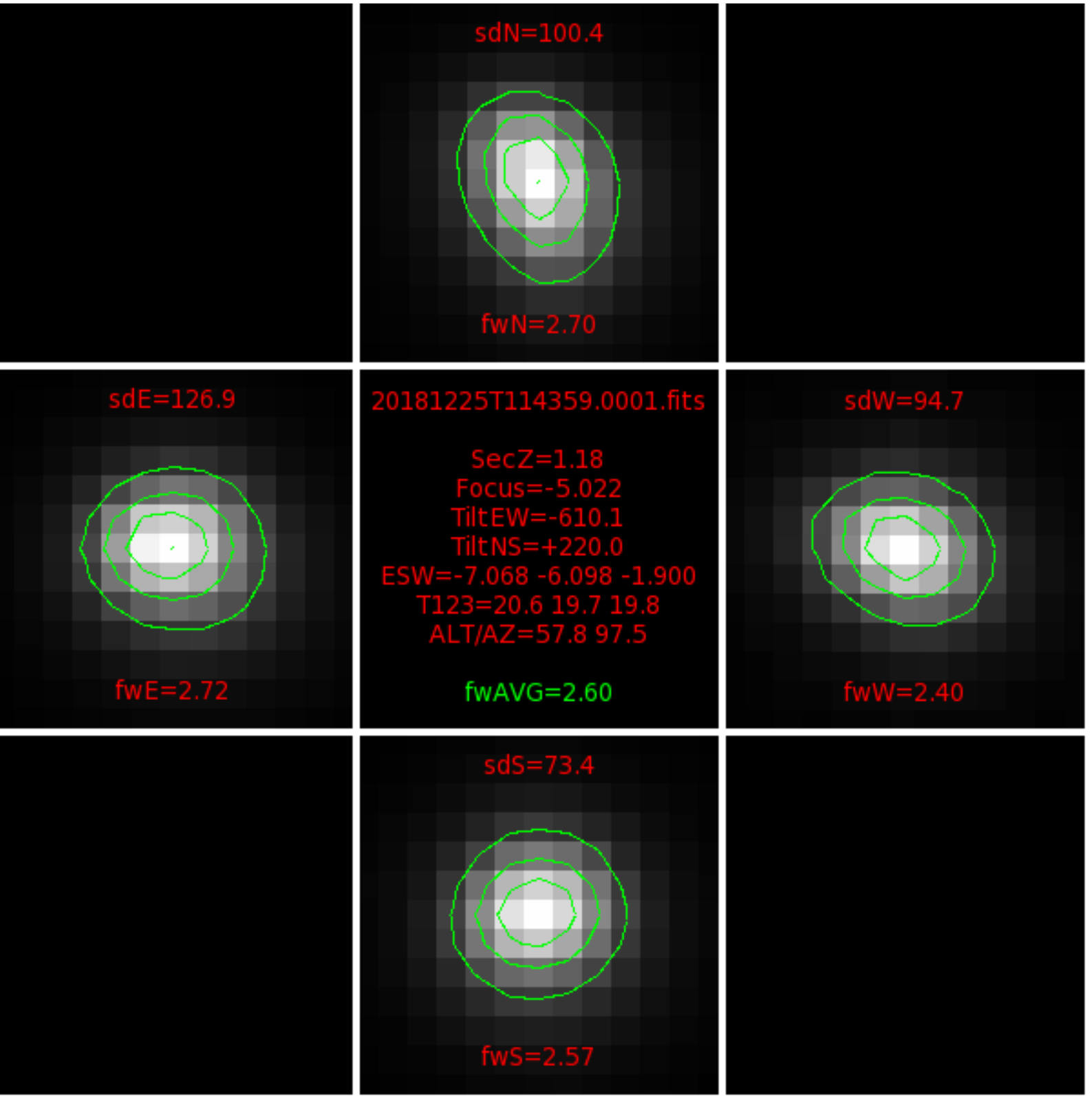

sdN=61.0
fwN=3.83
sdE=504.9
fwE=3.28
20181225T113643.0001.fits
SecZ=1.52
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.5 19.5 19.9
ALT/AZ=41.2 -72.6
fwAVG=3.63
sdW=638.0
fwW=4.12
sdS=18.4
fwS=3.29
0 0 0 0 0 0 0 0 0

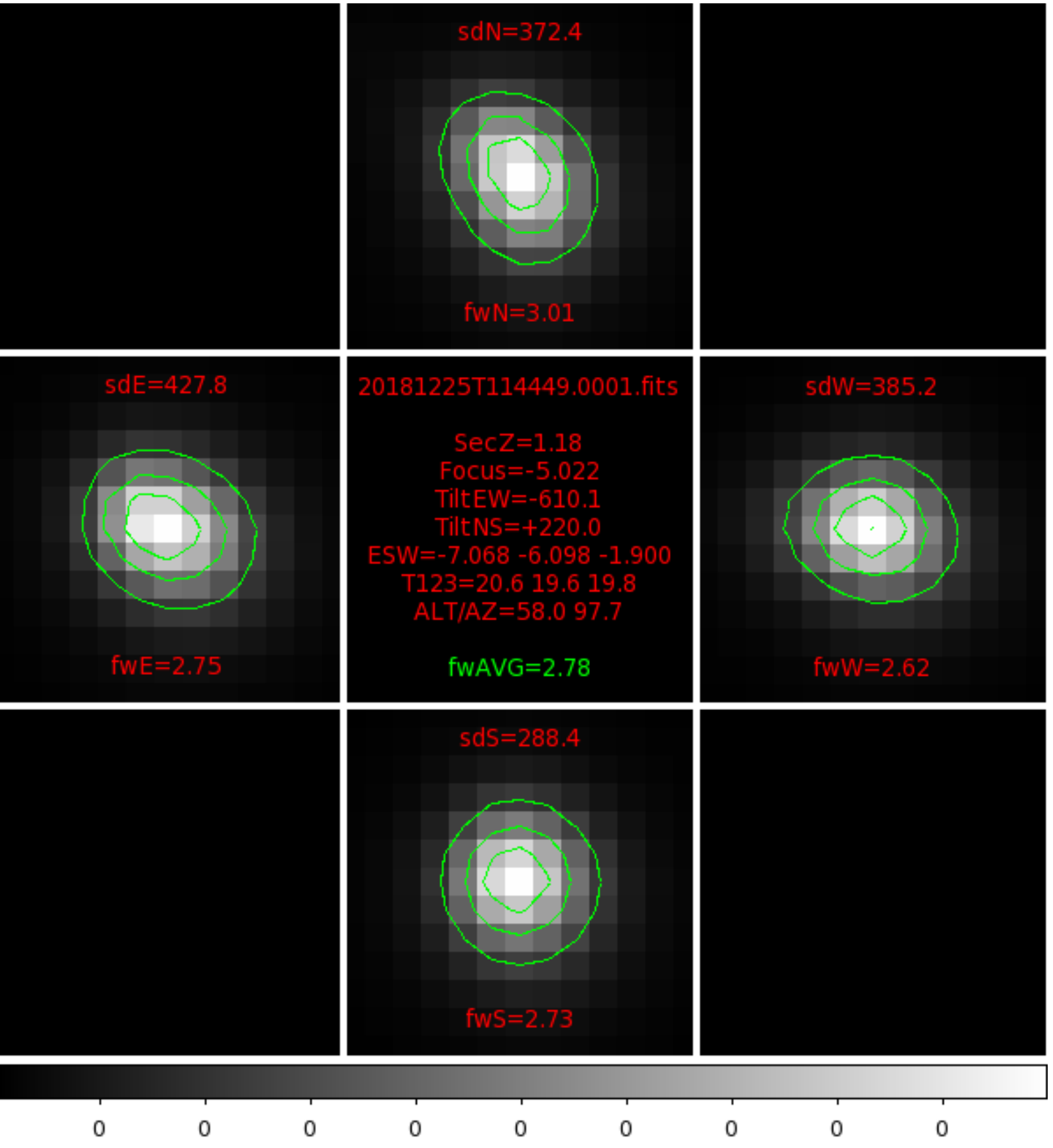

sdN=33.3
fwN=3.12
sdE=397.6
fwE=2.94
20181225T113804.0001.fits
SecZ=1.53
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=20.5 0.0 19.8
ALT/AZ=40.9 -72.5
fwAVG=3.14
sdW=262.7
fwW=3.34
sdS=14.3
fwS=3.17
0 0 0 0 0 0 0 0 0

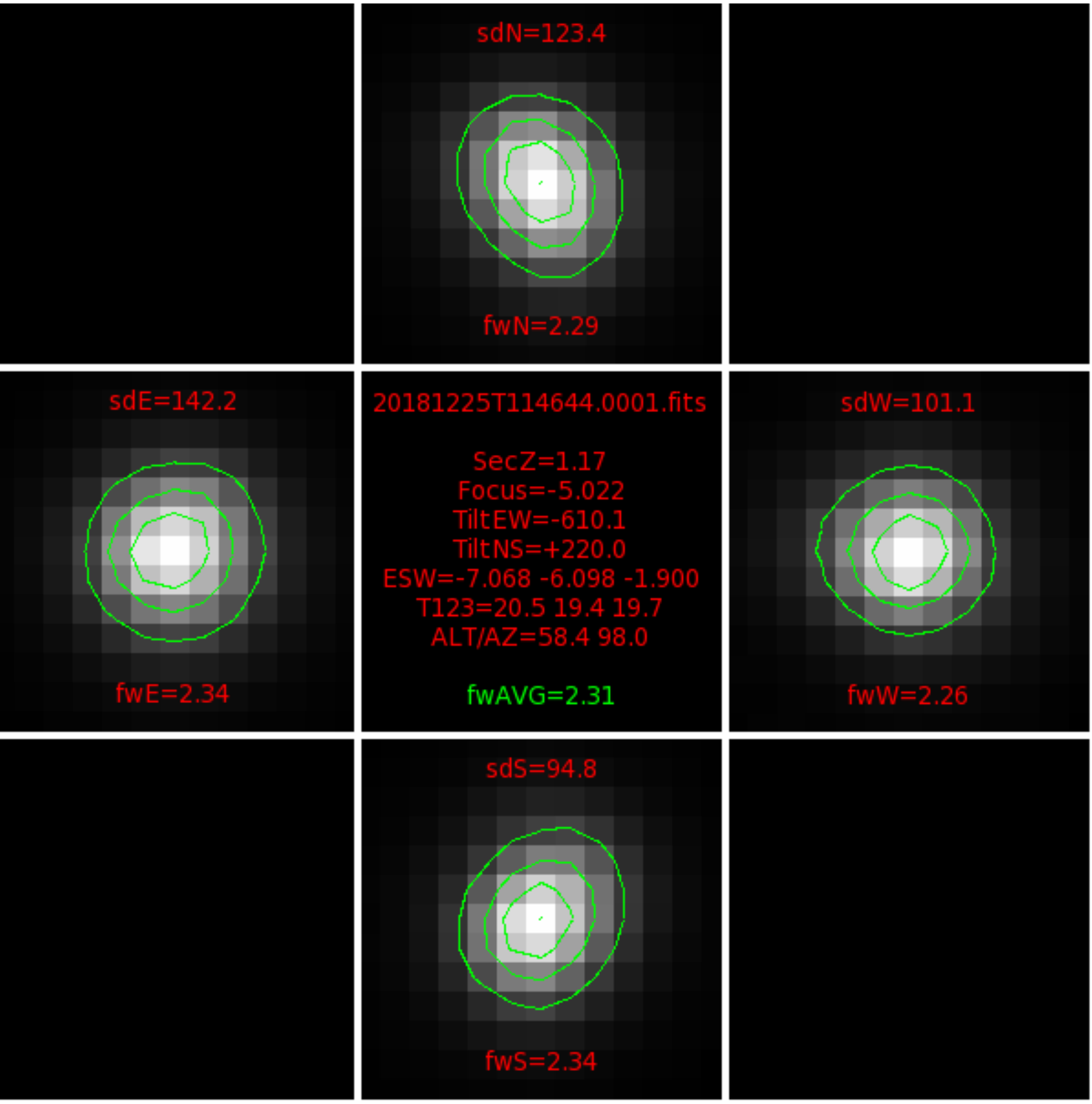

sdN=128.8
fwN=3.15
sdE=618.7
fwE=2.74
20181225T113853.0001.fits
SecZ=1.53
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=20.5 19.6 19.8
ALT/AZ=40.8 -72.5
fwAVG=3.00
sdW=953.0
fwW=3.24
sdS=47.2
fwS=2.85
0 0 0 0 0 0 0 0 0

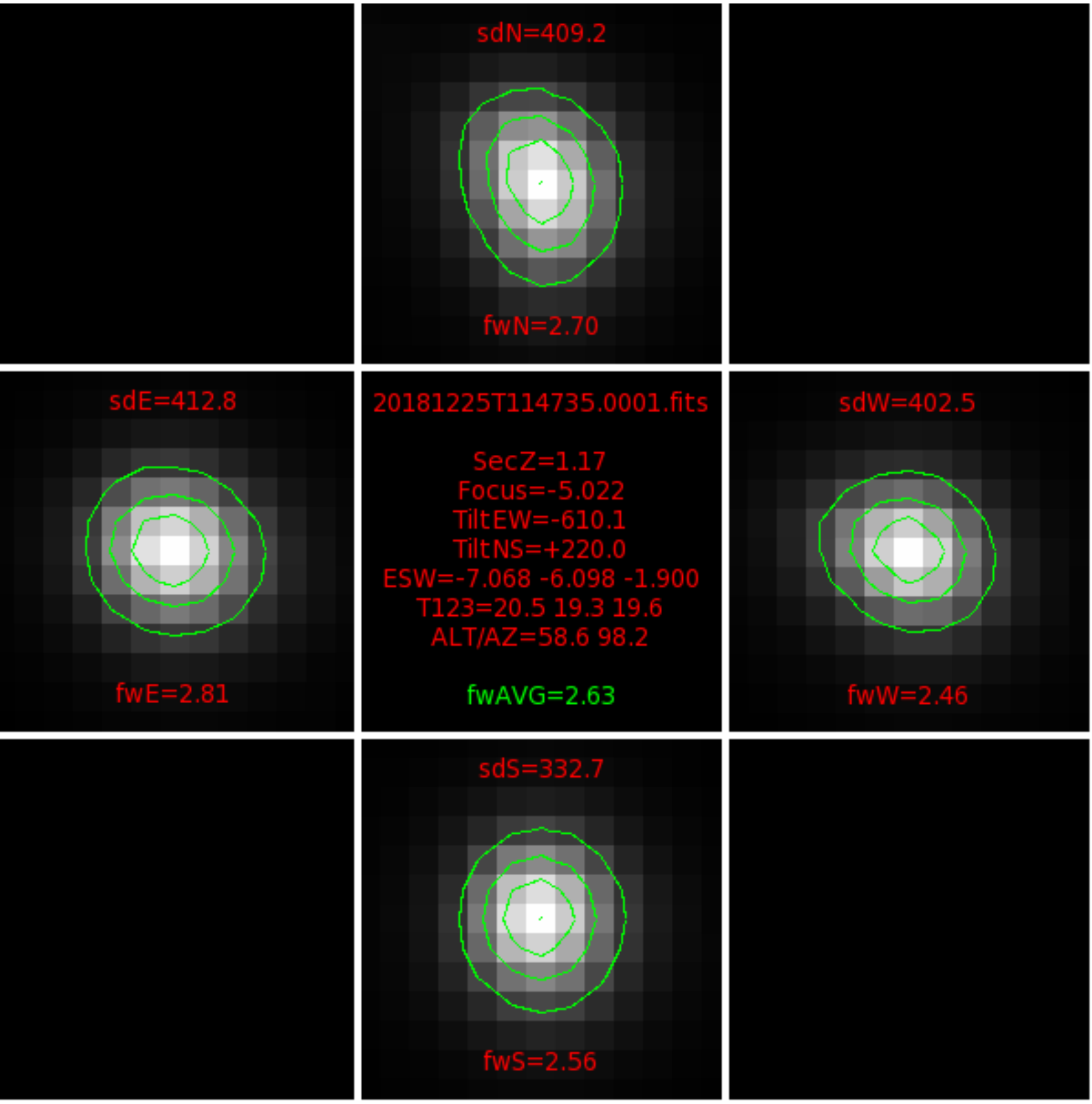

sdN=6.3
fwN=1.18
sdE=11.6
fwE=1.18
20181225T114109.0001.fits
SecZ=1.33
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.6 19.5 20.0
ALT/AZ=48.9 -91.2
fwAVG=1.50
sdW=34.3
fwW=2.55
sdS=10.1
fwS=1.09
0 0 0 0 0 0 0 0 0

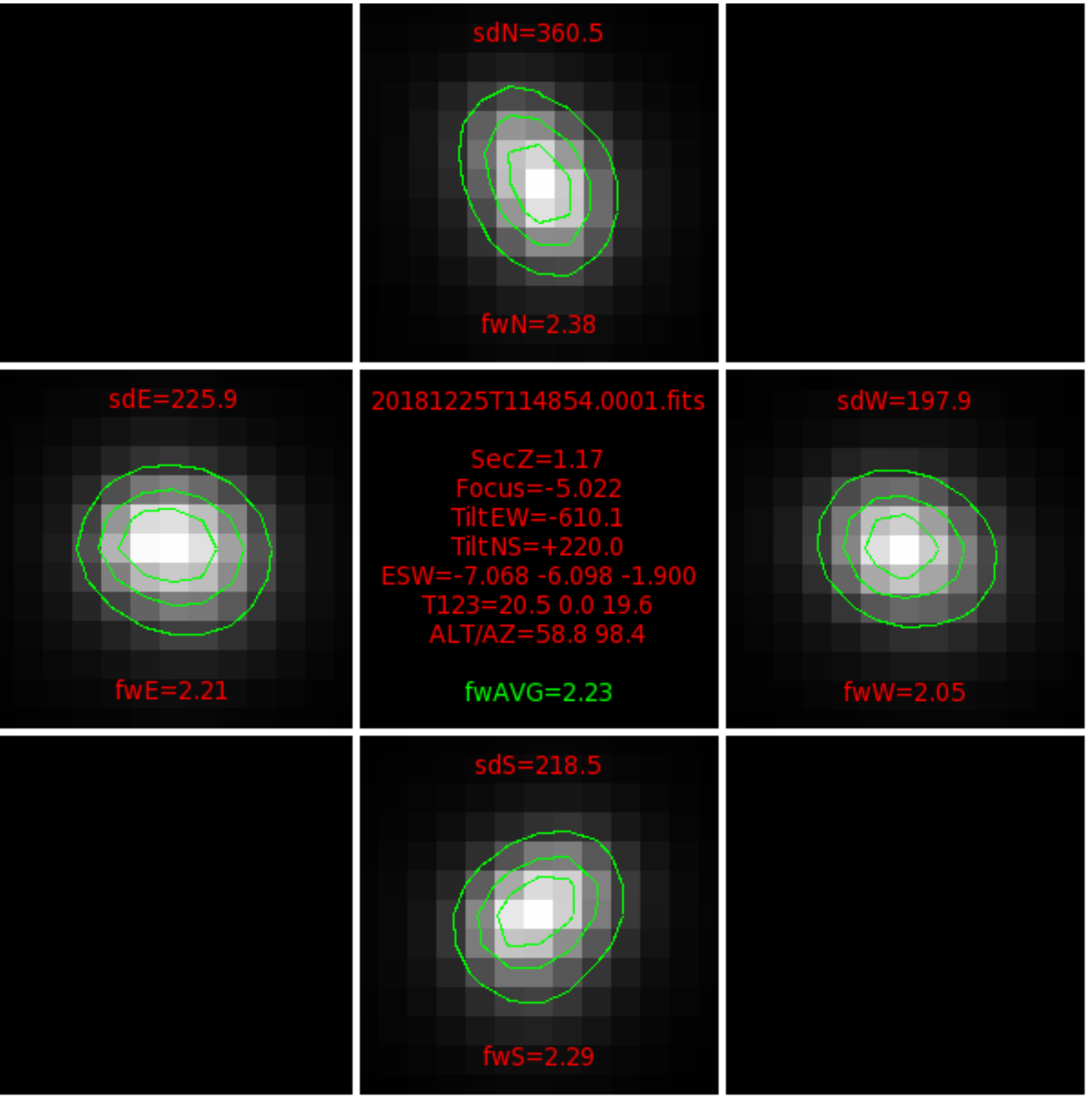

sdN=12.1
fwN=0.00
sdE=8.6
fwE=0.00
20181225T114200.0001.fits
SecZ=1.02
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.5 19.5 19.8
ALT/AZ=79.6 147.4
sdW=17.0
fwW=1.08
sdS=7.9
fwS=1.06
0 0 0 0 0 0 0 0 0

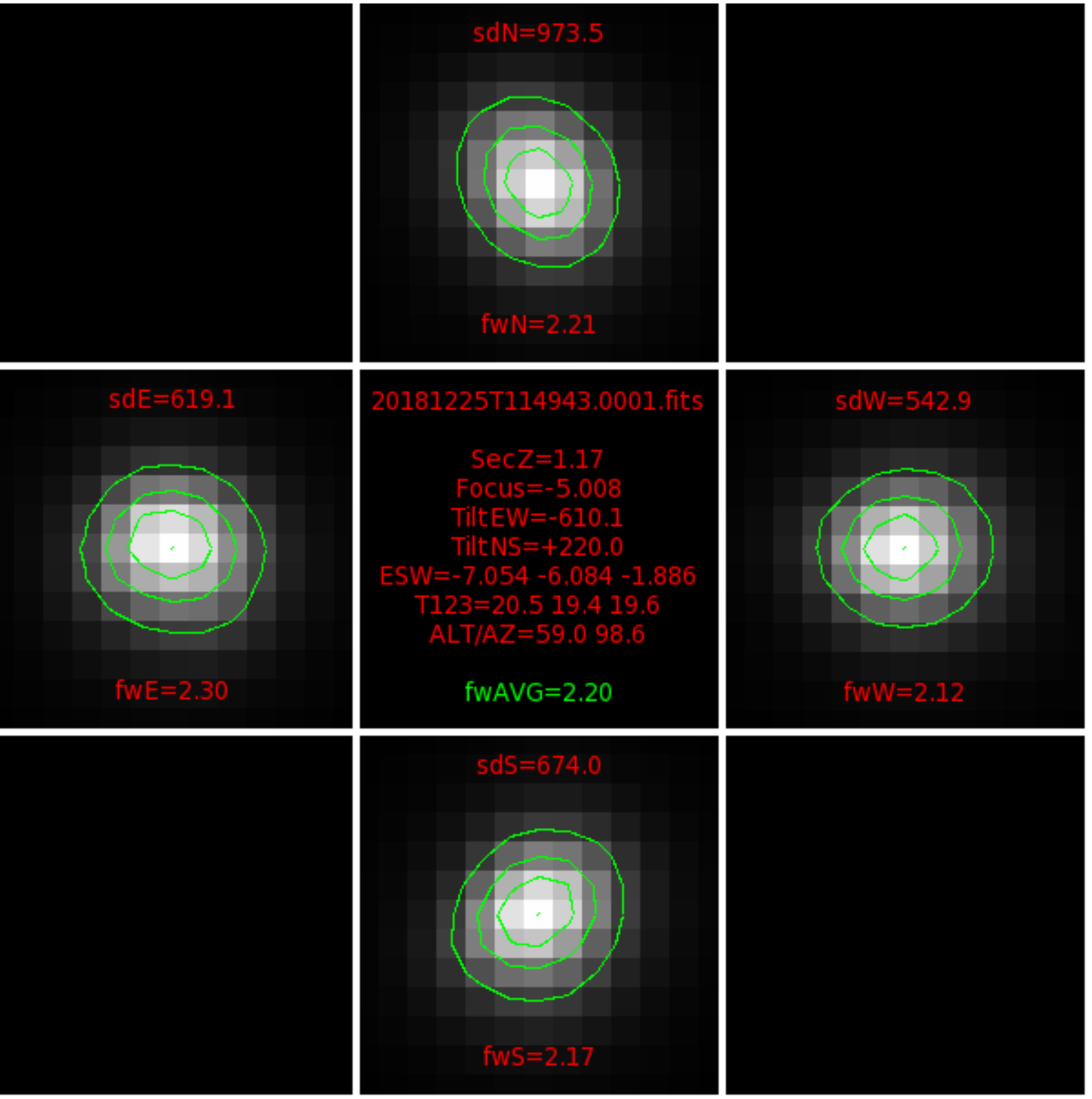

sdN=100.4
fwN=2.70
sdE=126.9
fwE=2.72
20181225T114359.0001.fits
SecZ=1.18
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.6 19.7 19.8
ALT/AZ=57.8 97.5
fwAVG=2.60
sdW=94.7
fwW=2.40
sdS=73.4
fwS=2.57
0 0 0 0 0 0 0 0 0

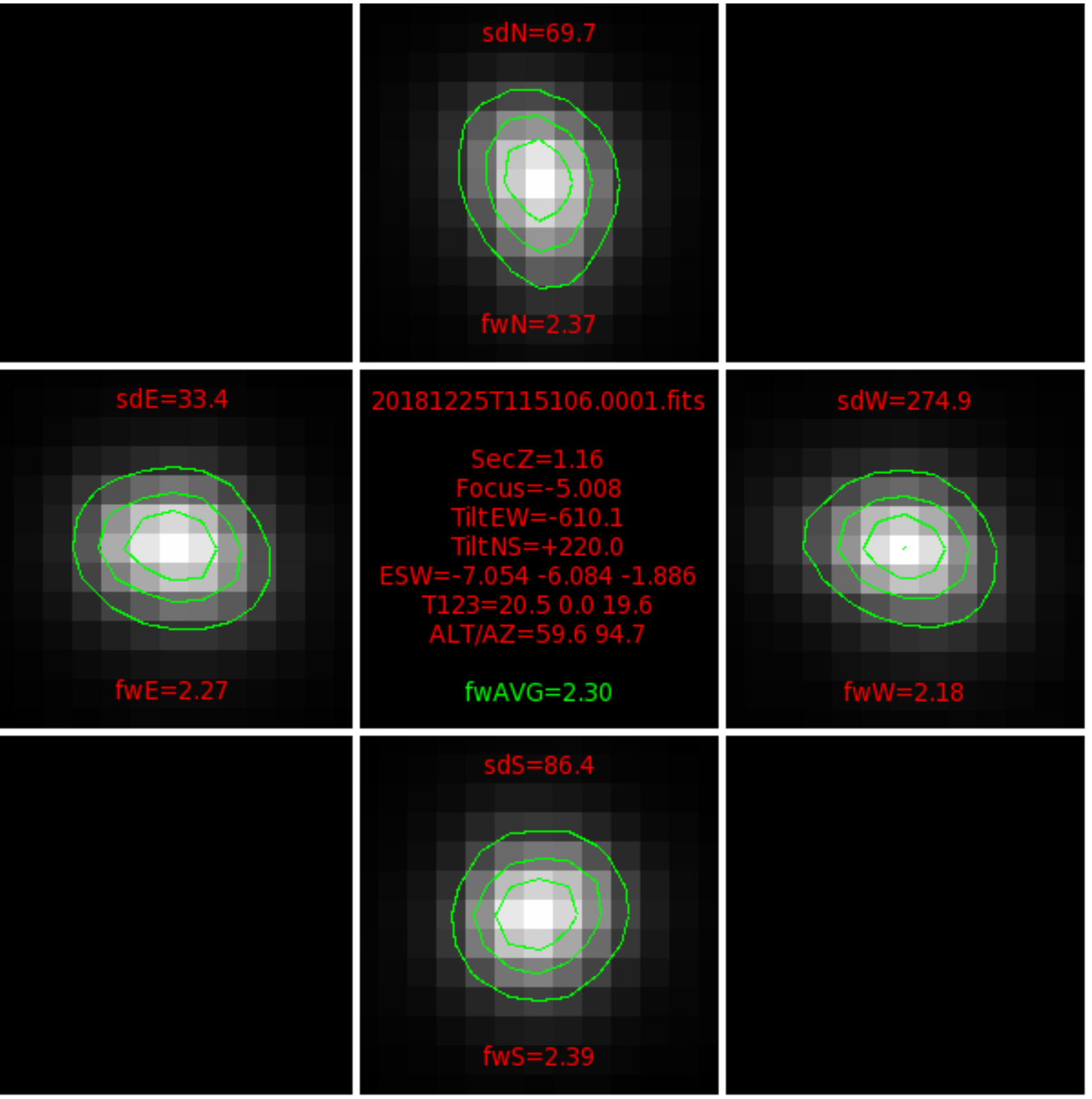

sdN=372.4
fwN=3.01
sdE=427.8
fwE=2.75
20181225T114449.0001.fits
SecZ=1.18
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.6 19.6 19.8
ALT/AZ=58.0 97.7
fwAVG=2.78
sdW=385.2
fwW=2.62
sdS=288.4
fwS=2.73
0 0 0 0 0 0 0 0 0

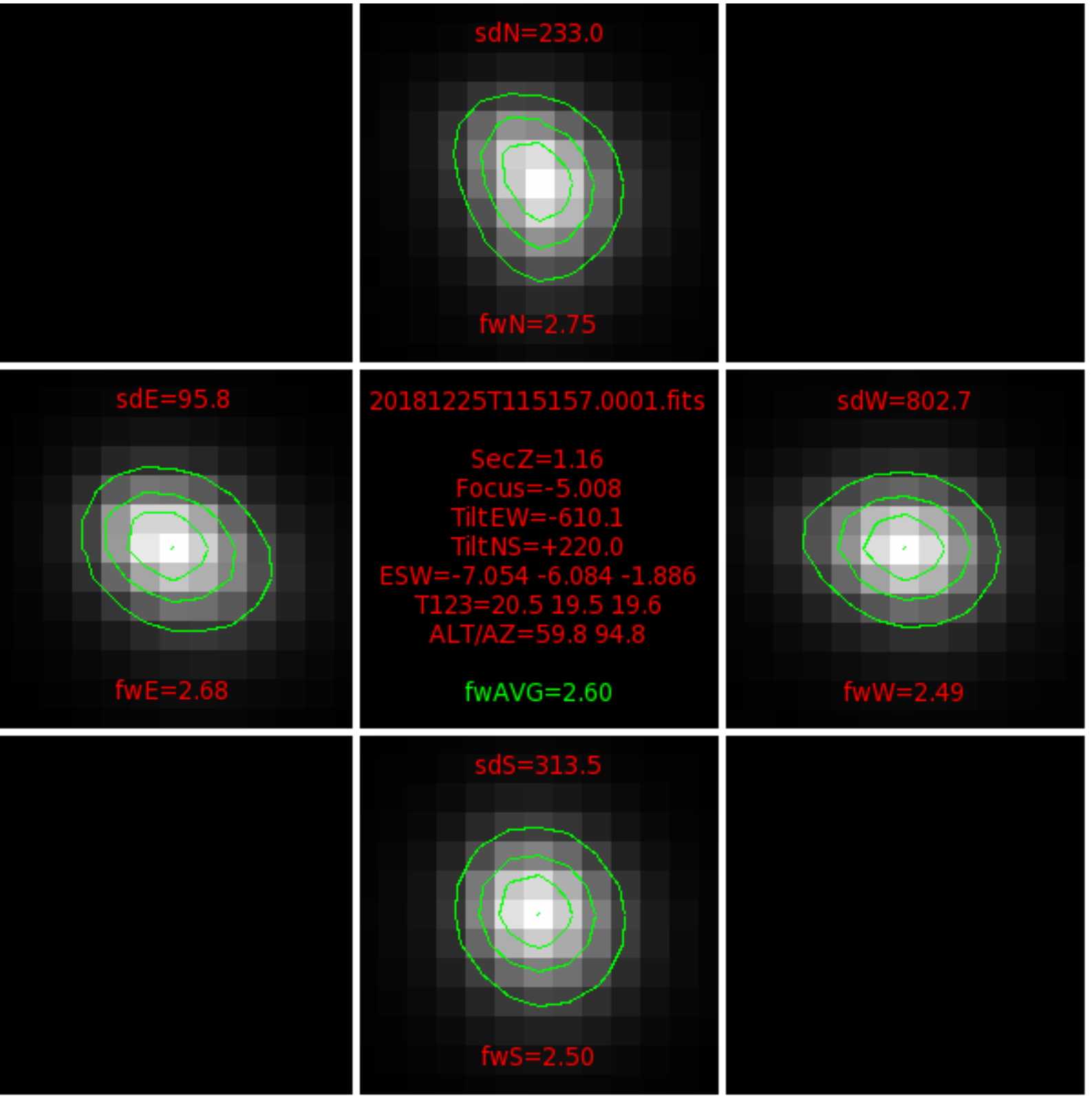

sdN=123.4
fwN=2.29
sdE=142.2
fwE=2.34
20181225T114644.0001.fits
SecZ=1.17
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.5 19.4 19.7
ALT/AZ=58.4 98.0
fwAVG=2.31
sdW=101.1
fwW=2.26
sdS=94.8
fwS=2.34
0 0 0 0 0 0 0 0 0

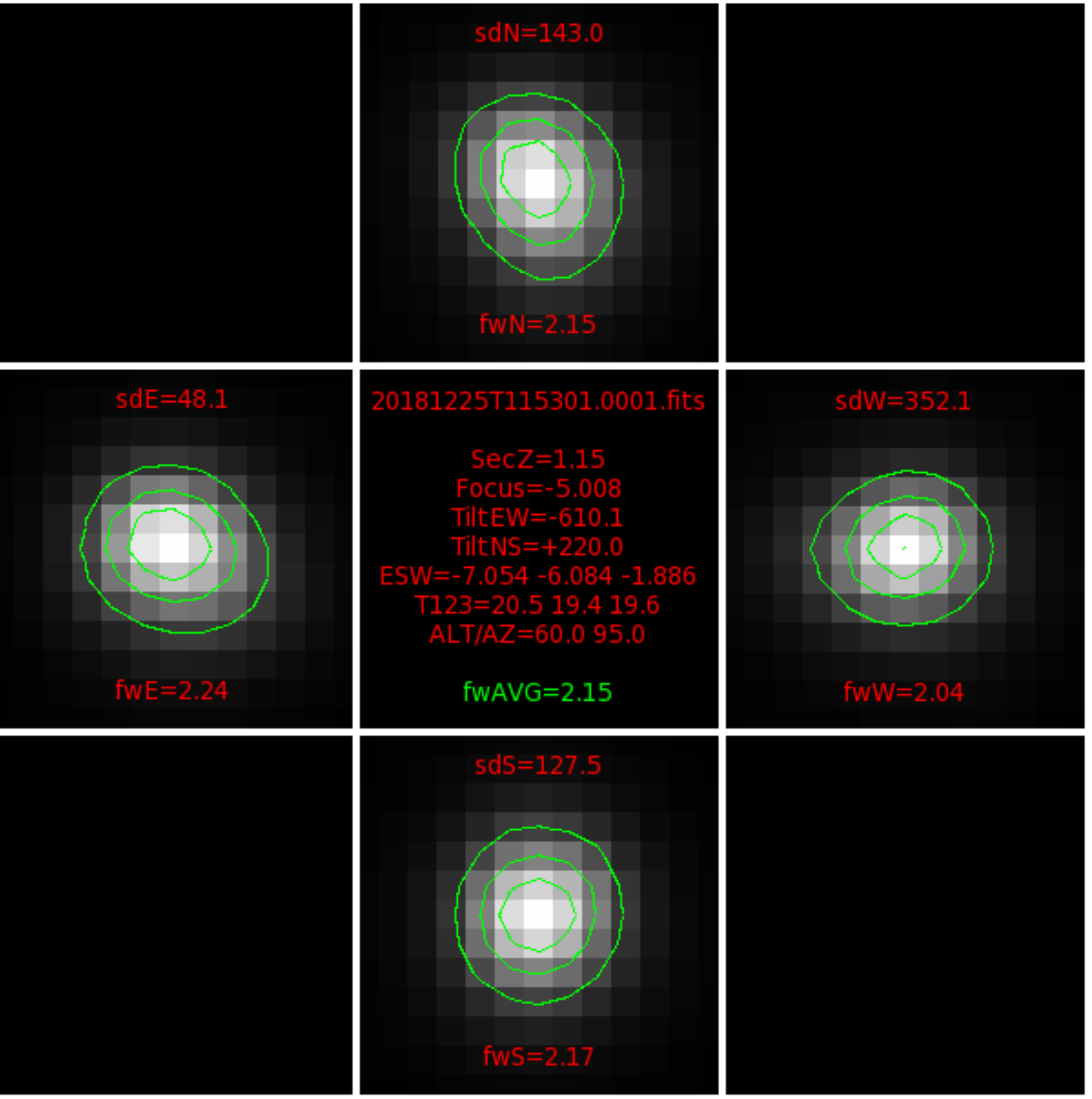

sdN=409.2
fwN=2.70
sdE=412.8
fwE=2.81
20181225T114735.0001.fits
SecZ=1.17
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.5 19.3 19.6
ALT/AZ=58.6 98.2
fwAVG=2.63
sdW=402.5
fwW=2.46
sdS=332.7
fwS=2.56
0 0 0 0 0 0 0 0 0

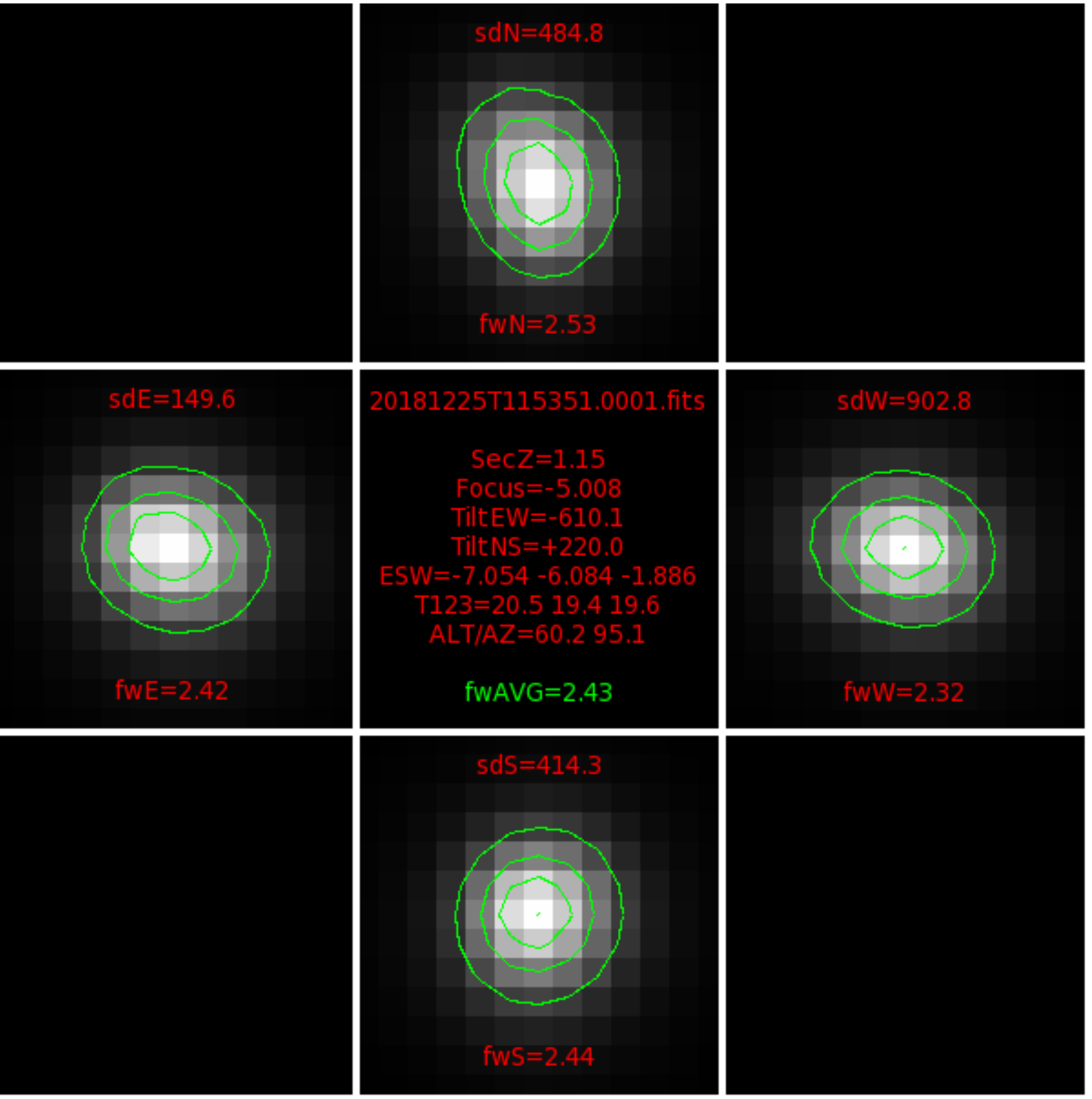

sdN=360.5
fwN=2.38
sdE=225.9
fwE=2.21
20181225T114854.0001.fits
SecZ=1.17
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.5 0.0 19.6
ALT/AZ=58.8 98.4
fwAVG=2.23
sdW=197.9
fwW=2.05
sdS=218.5
fwS=2.29
0 0 0 0 0 0 0 0 0

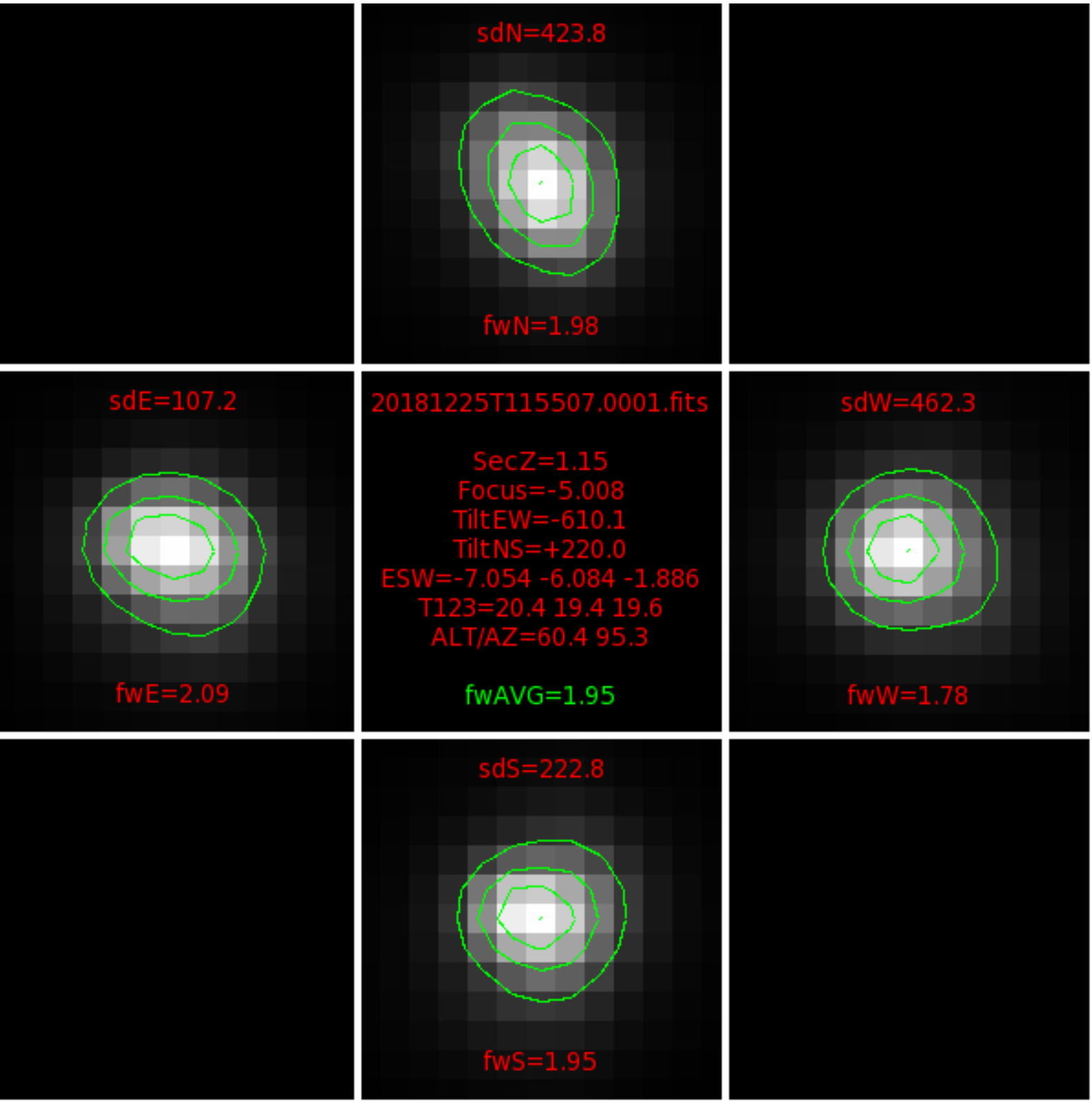

sdN=973.5
fwN=2.21
sdE=619.1
fwE=2.30
20181225T114943.0001.fits
SecZ=1.17
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.5 19.4 19.6
ALT/AZ=59.0 98.6
fwAVG=2.20
sdW=542.9
fwW=2.12
sdS=674.0
fwS=2.17
0 0 0 0 0 0 0 0 0

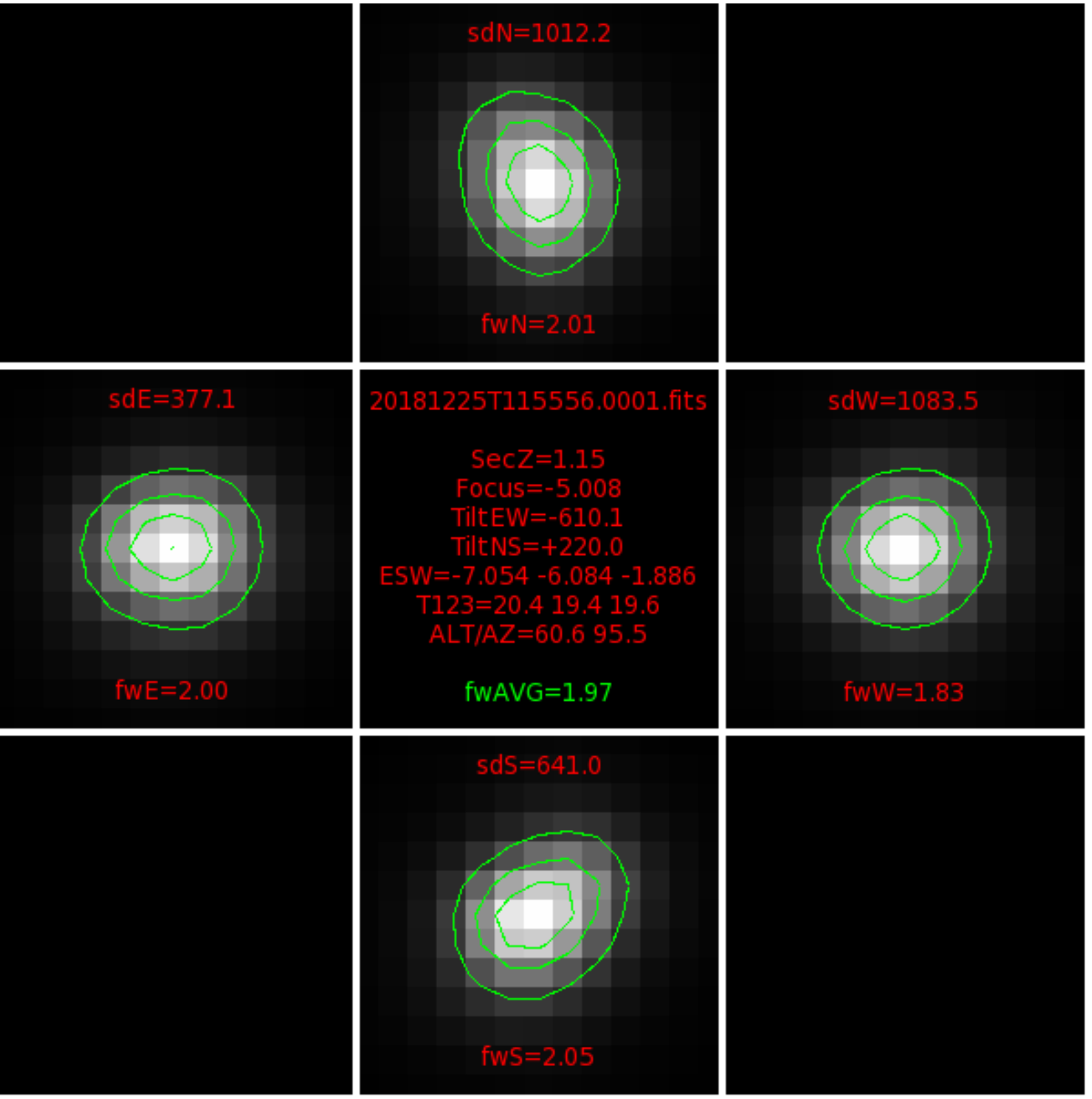

sdN=69.7
fwN=2.37
sdE=33.4
fwE=2.27
20181225T115106.0001.fits
SecZ=1.16
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.5 0.0 19.6
ALT/AZ=59.6 94.7
fwAVG=2.30
sdW=274.9
fwW=2.18
sdS=86.4
fwS=2.39
0 0 0 0 0 0 0 0 0

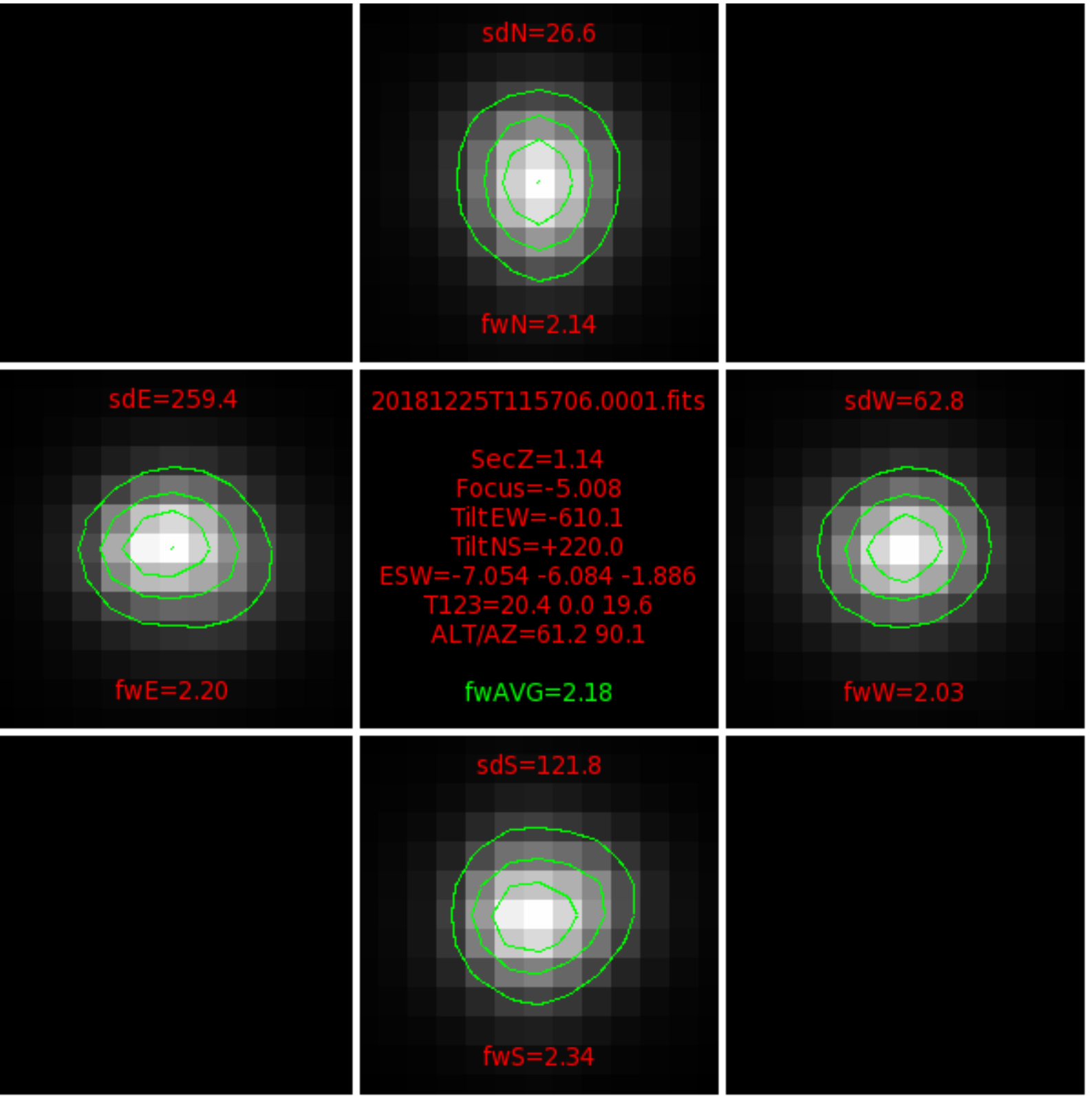

sdN=233.0
fwN=2.75
sdE=95.8
fwE=2.68
20181225T115157.0001.fits
SecZ=1.16
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.5 19.5 19.6
ALT/AZ=59.8 94.8
fwAVG=2.60
sdW=802.7
fwW=2.49
sdS=313.5
fwS=2.50
0 0 0 0 0 0 0 0 0

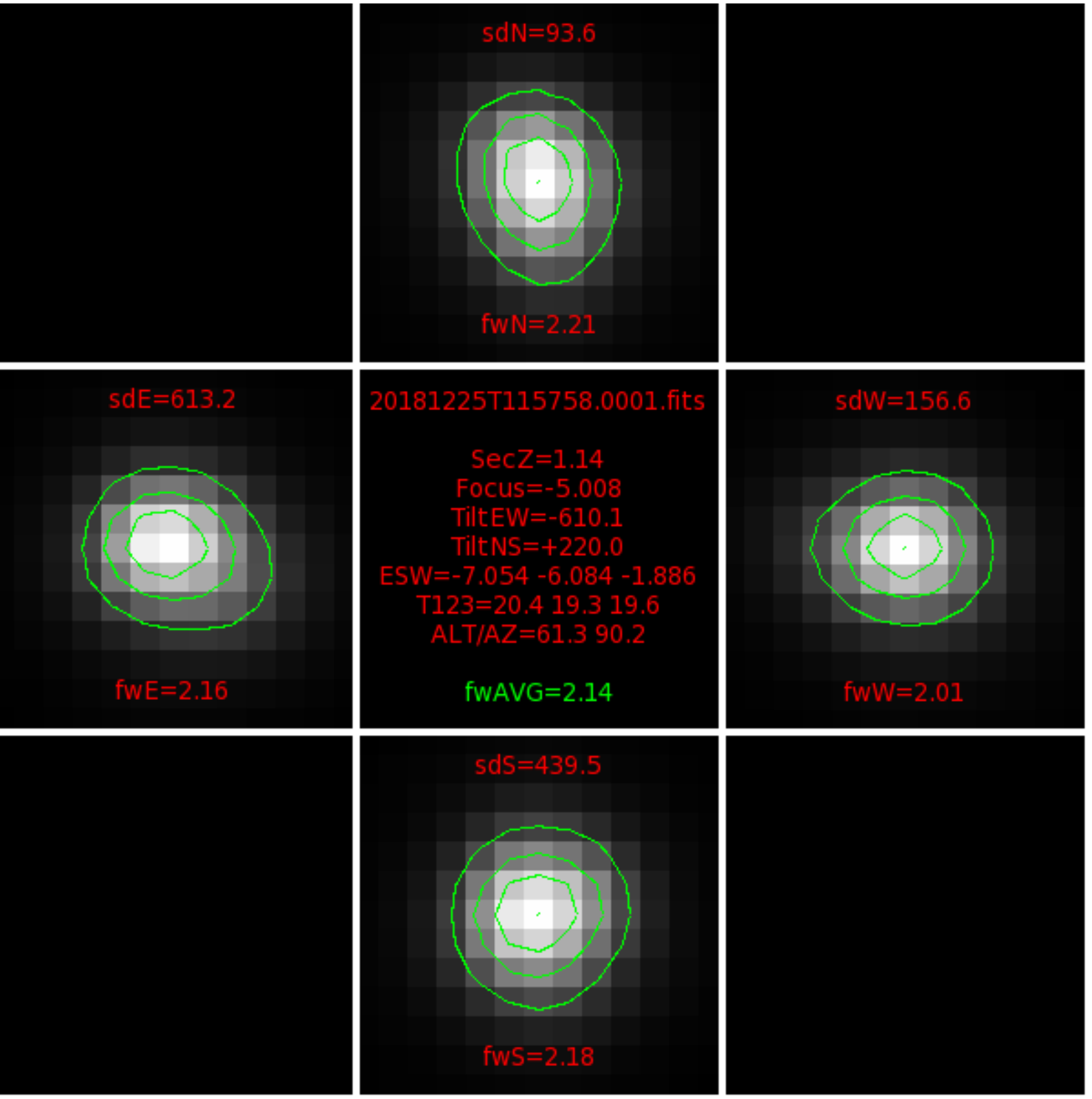

sdN=143.0
fwN=2.15
sdE=48.1
fwE=2.24
20181225T115301.0001.fits
SecZ=1.15
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.5 19.4 19.6
ALT/AZ=60.0 95.0
fwAVG=2.15
sdW=352.1
fwW=2.04
sdS=127.5
fwS=2.17
0 0 0 0 0 0 0 0 0

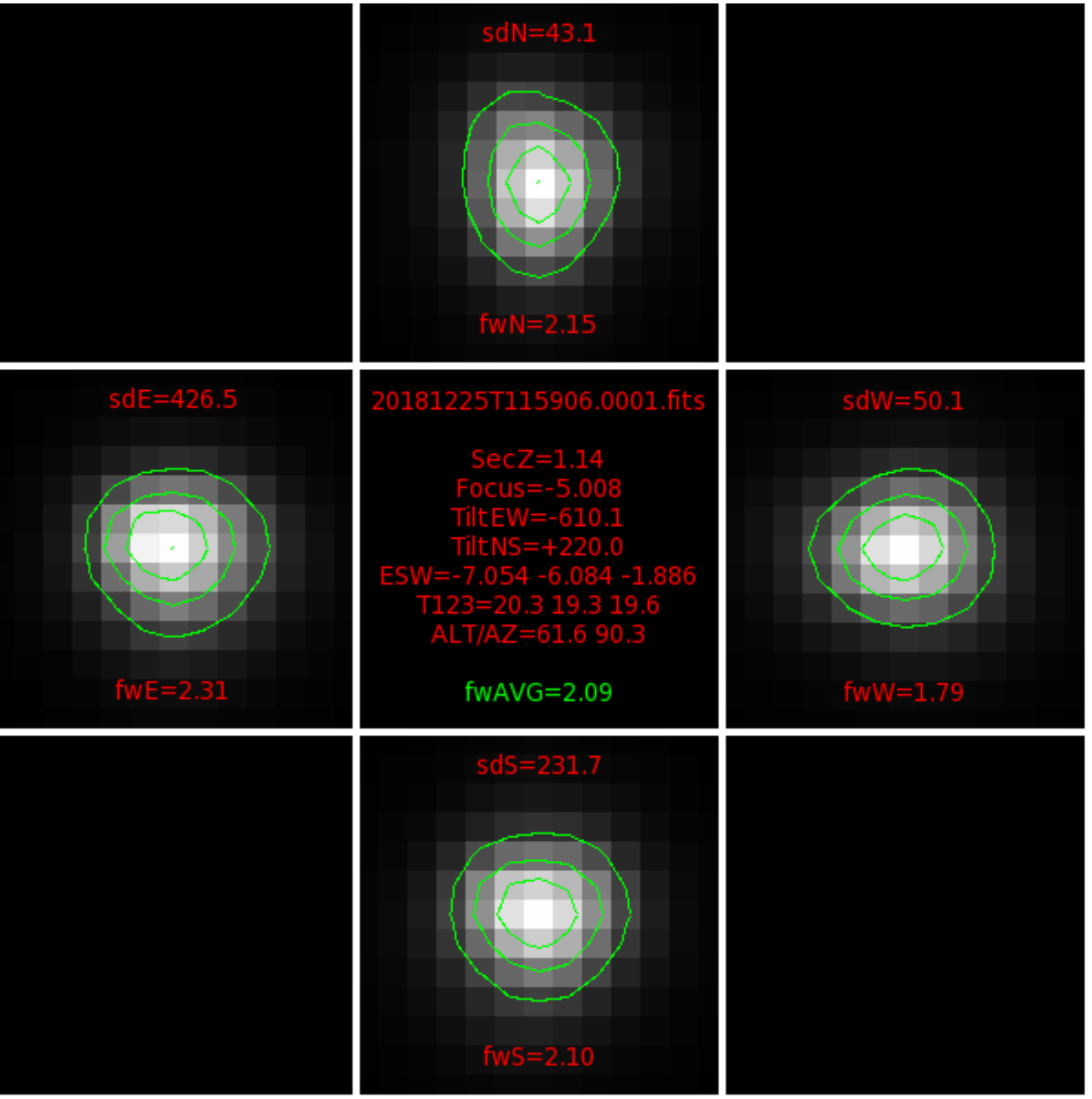

sdN=484.8
fwN=2.53
sdE=149.6
fwE=2.42
20181225T115351.0001.fits
SecZ=1.15
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.5 19.4 19.6
ALT/AZ=60.2 95.1
fwAVG=2.43
sdW=902.8
fwW=2.32
sdS=414.3
fwS=2.44
0 0 0 0 0 0 0 0 0

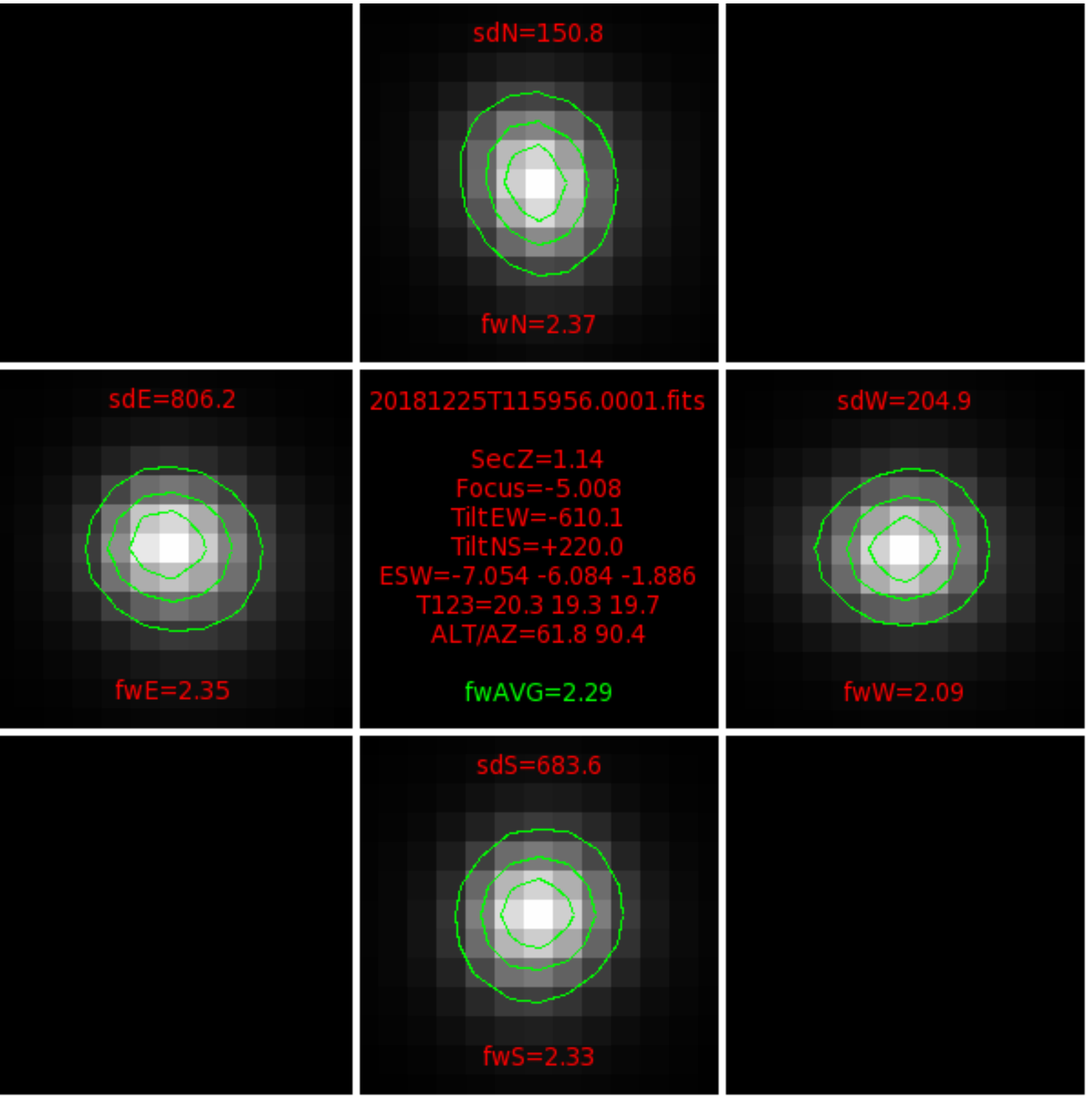

sdN=423.8
fwN=1.98
sdE=107.2
fwE=2.09
20181225T115507.0001.fits
SecZ=1.15
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.4 19.4 19.6
ALT/AZ=60.4 95.3
fwAVG=1.95
sdW=462.3
fwW=1.78
sdS=222.8
fwS=1.95
0 0 0 0 0 0 0 0 0

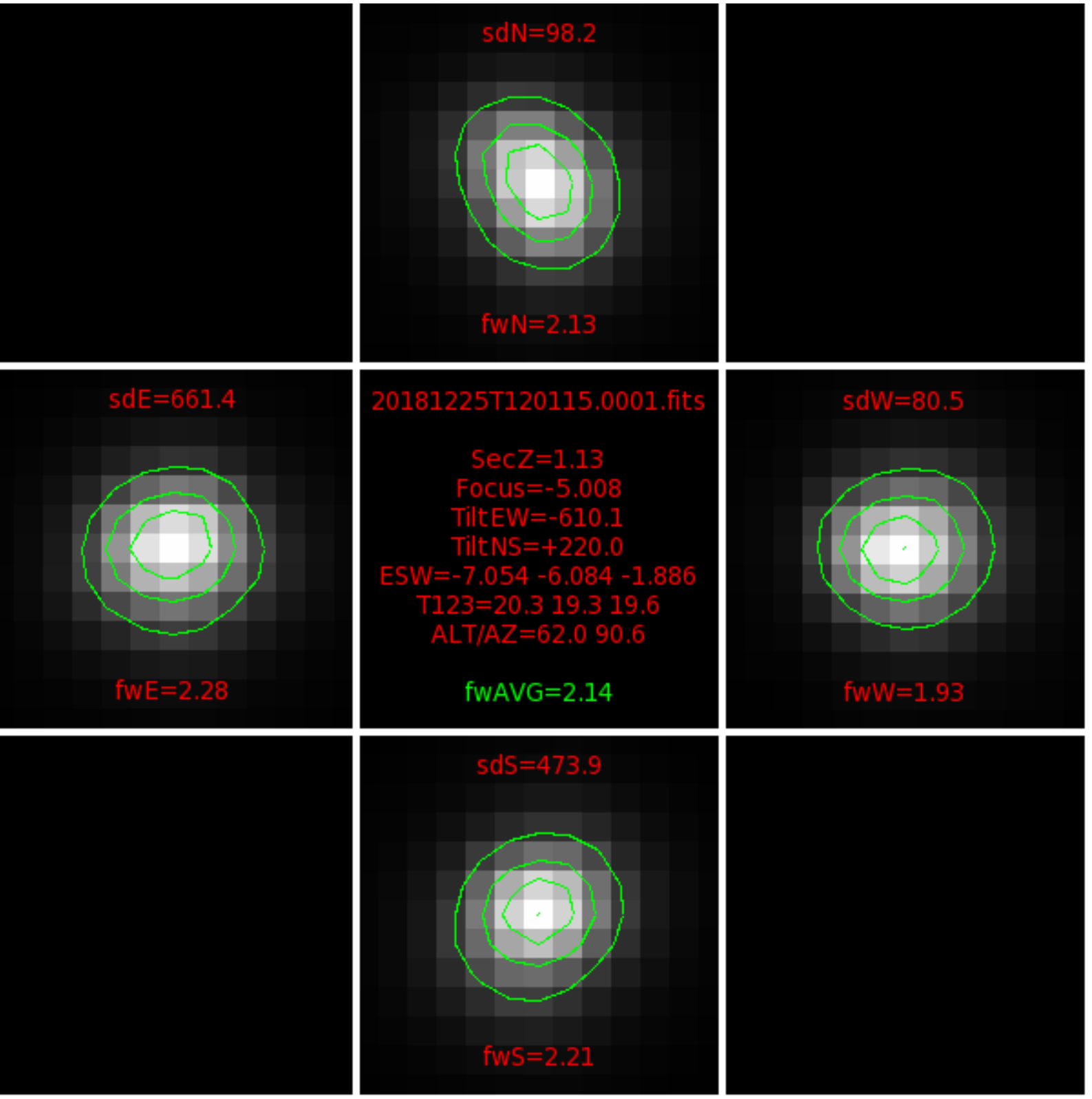

sdN=1012.2
fwN=2.01
sdE=377.1
fwE=2.00
20181225T115556.0001.fits
SecZ=1.15
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.4 19.4 19.6
ALT/AZ=60.6 95.5
fwAVG=1.97
sdW=1083.5
fwW=1.83
sdS=641.0
fwS=2.05
0 0 0 0 0 0 0 0 0

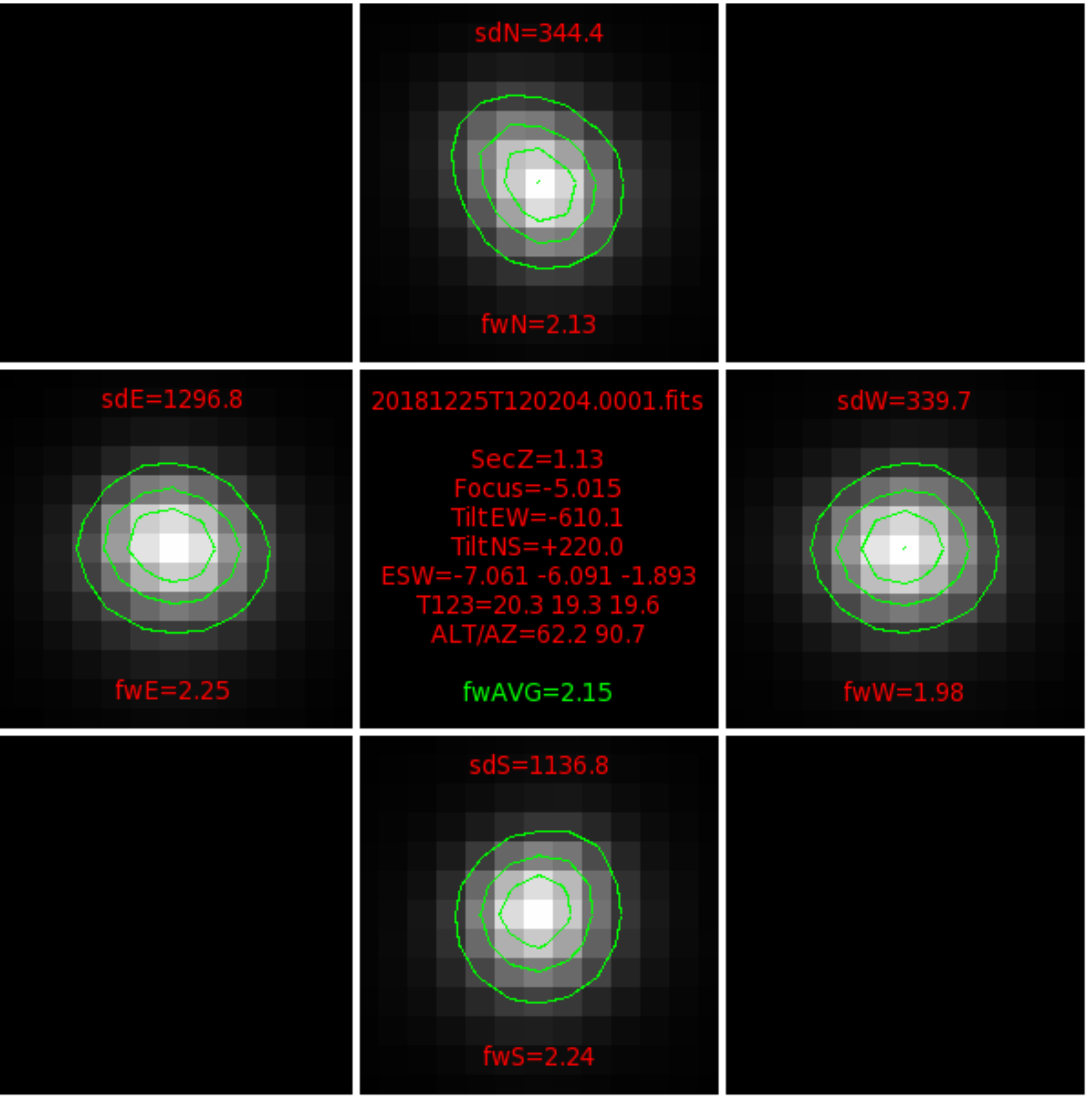

sdN=26.6
fwN=2.14
sdE=259.4
fwE=2.20
20181225T115706.0001.fits
SecZ=1.14
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.4 0.0 19.6
ALT/AZ=61.2 90.1
fwAVG=2.18
sdW=62.8
fwW=2.03
sdS=121.8
fwS=2.34
0 0 0 0 0 0 0 0 0

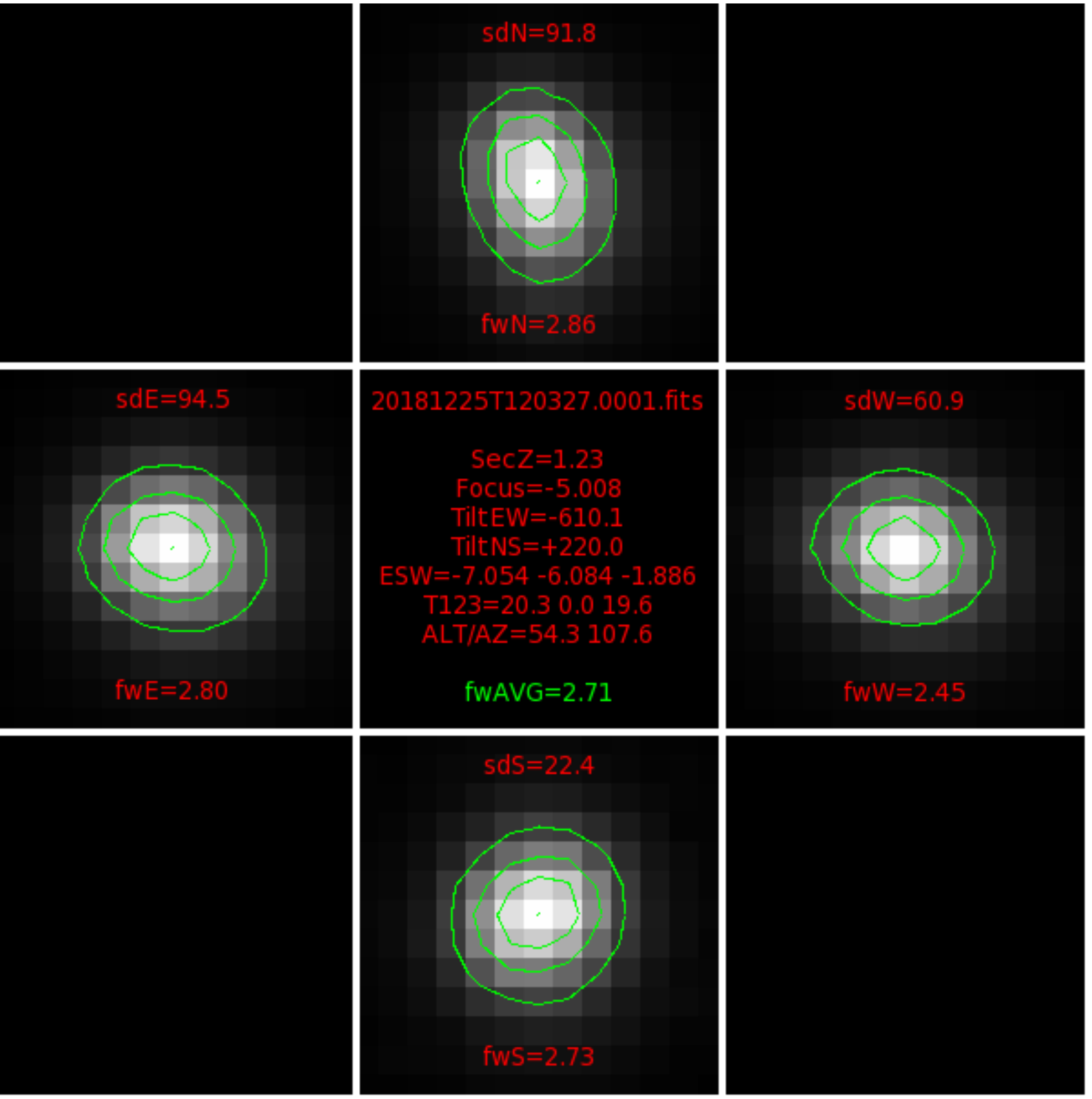

sdN=93.6
fwN=2.21
sdE=613.2
fwE=2.16
20181225T115758.0001.fits
SecZ=1.14
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.4 19.3 19.6
ALT/AZ=61.3 90.2
fwAVG=2.14
sdW=156.6
fwW=2.01
sdS=439.5
fwS=2.18
0 0 0 0 0 0 0 0 0

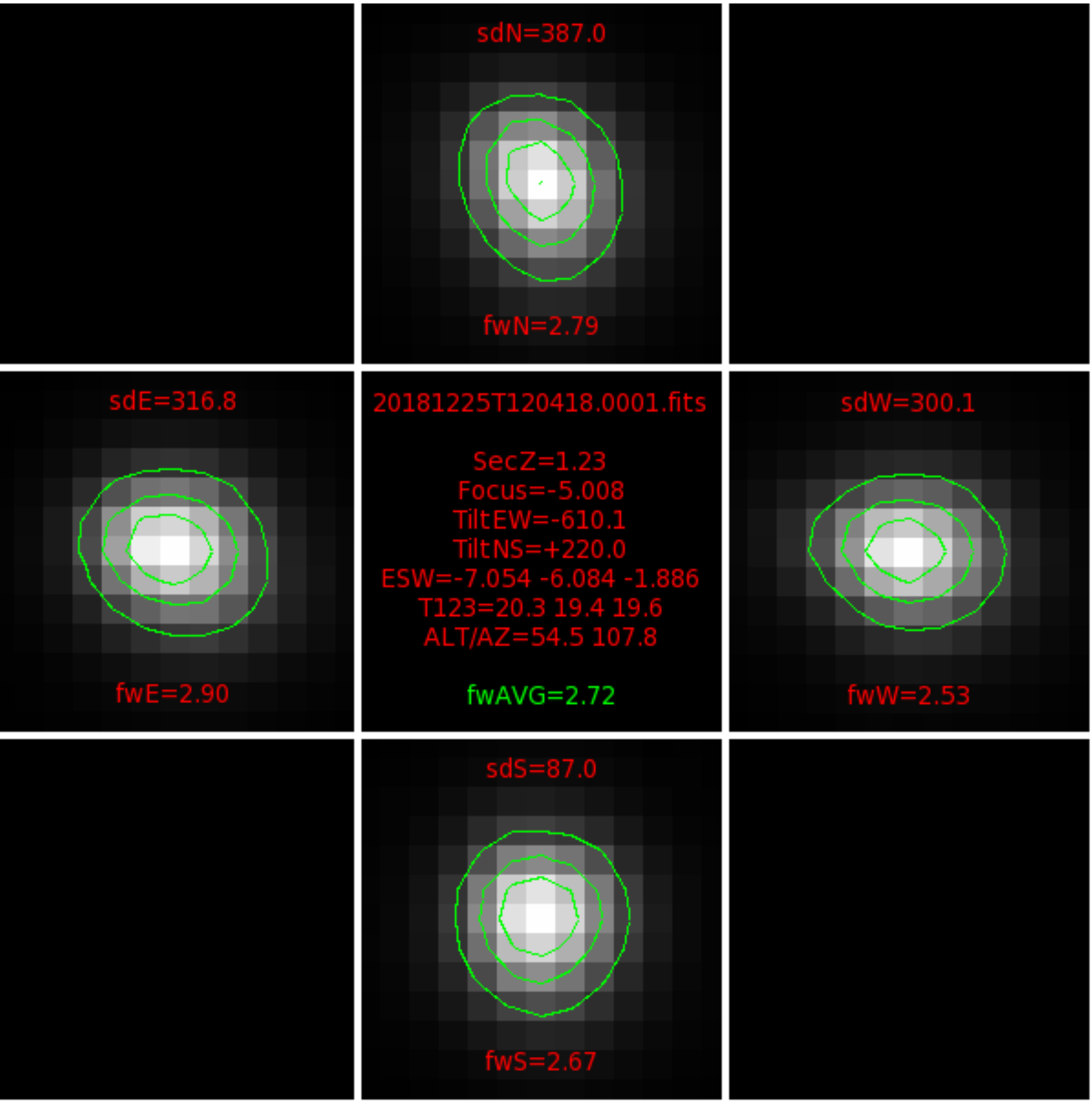

sdN=43.1
fwN=2.15
sdE=426.5
fwE=2.31
20181225T115906.0001.fits
SecZ=1.14
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.3 19.6
ALT/AZ=61.6 90.3
fwAVG=2.09
sdW=50.1
fwW=1.79
sdS=231.7
fwS=2.10
0 0 0 0 0 0 0 0 0

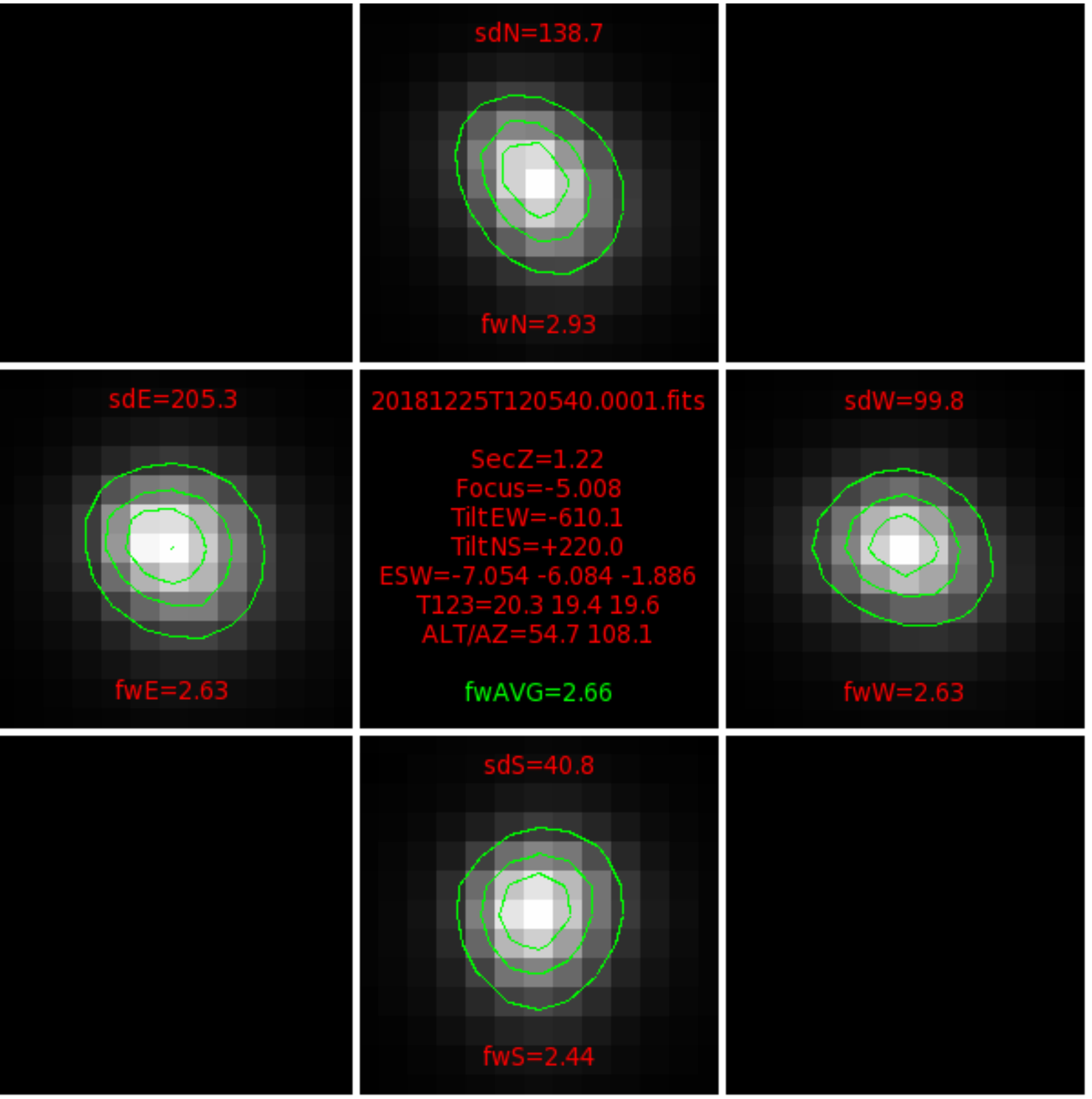

sdN=150.8
fwN=2.37
sdE=806.2
fwE=2.35
20181225T115956.0001.fits
SecZ=1.14
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.3 19.7
ALT/AZ=61.8 90.4
fwAVG=2.29
sdW=204.9
fwW=2.09
sdS=683.6
fwS=2.33
0 0 0 0 0 0 0 0 0

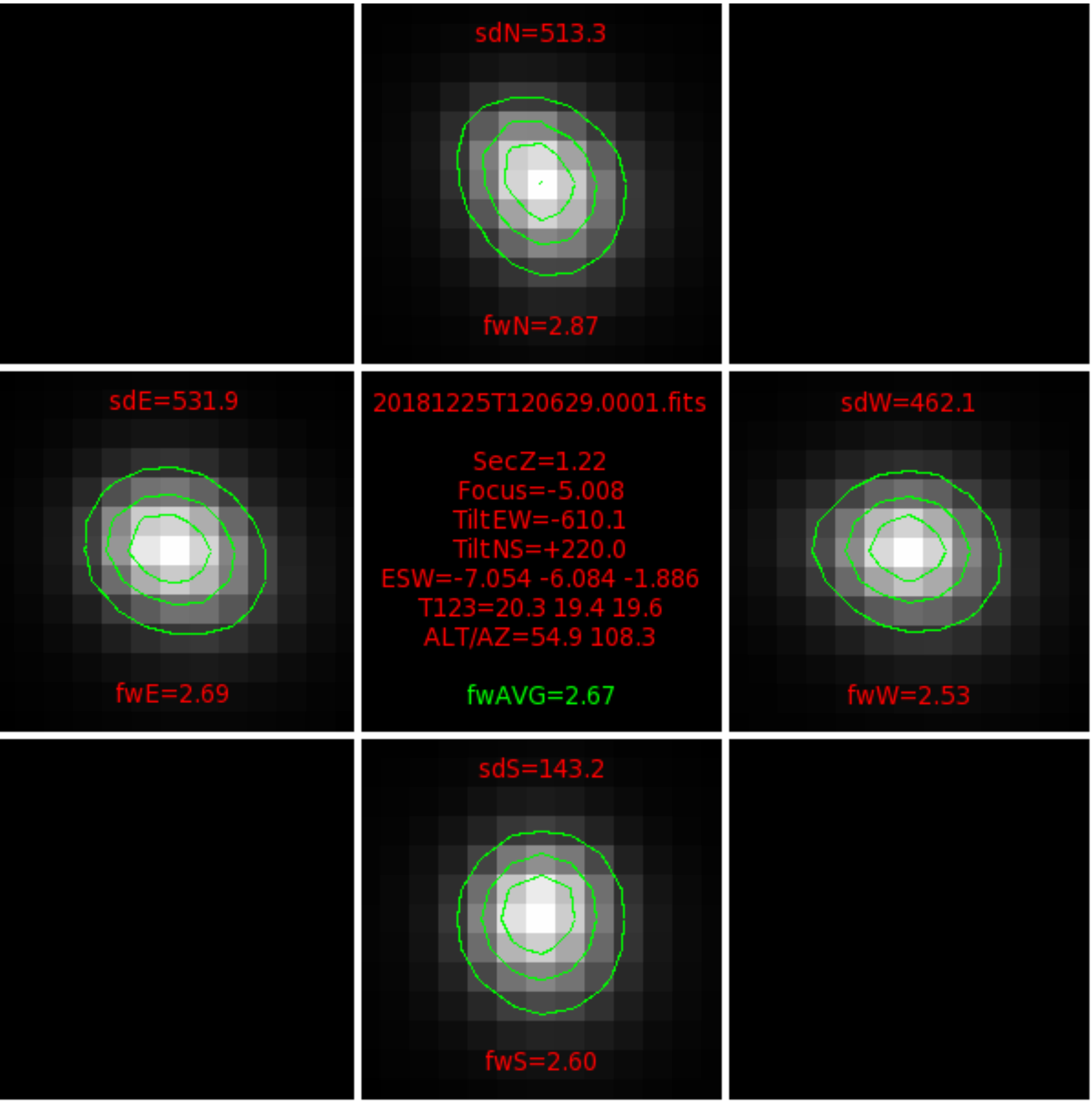

sdN=98.2
fwN=2.13
sdE=661.4
fwE=2.28
20181225T120115.0001.fits
SecZ=1.13
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.3 19.6
ALT/AZ=62.0 90.6
fwAVG=2.14
sdW=80.5
fwW=1.93
sdS=473.9
fwS=2.21
0 0 0 0 0 0 0 0 0

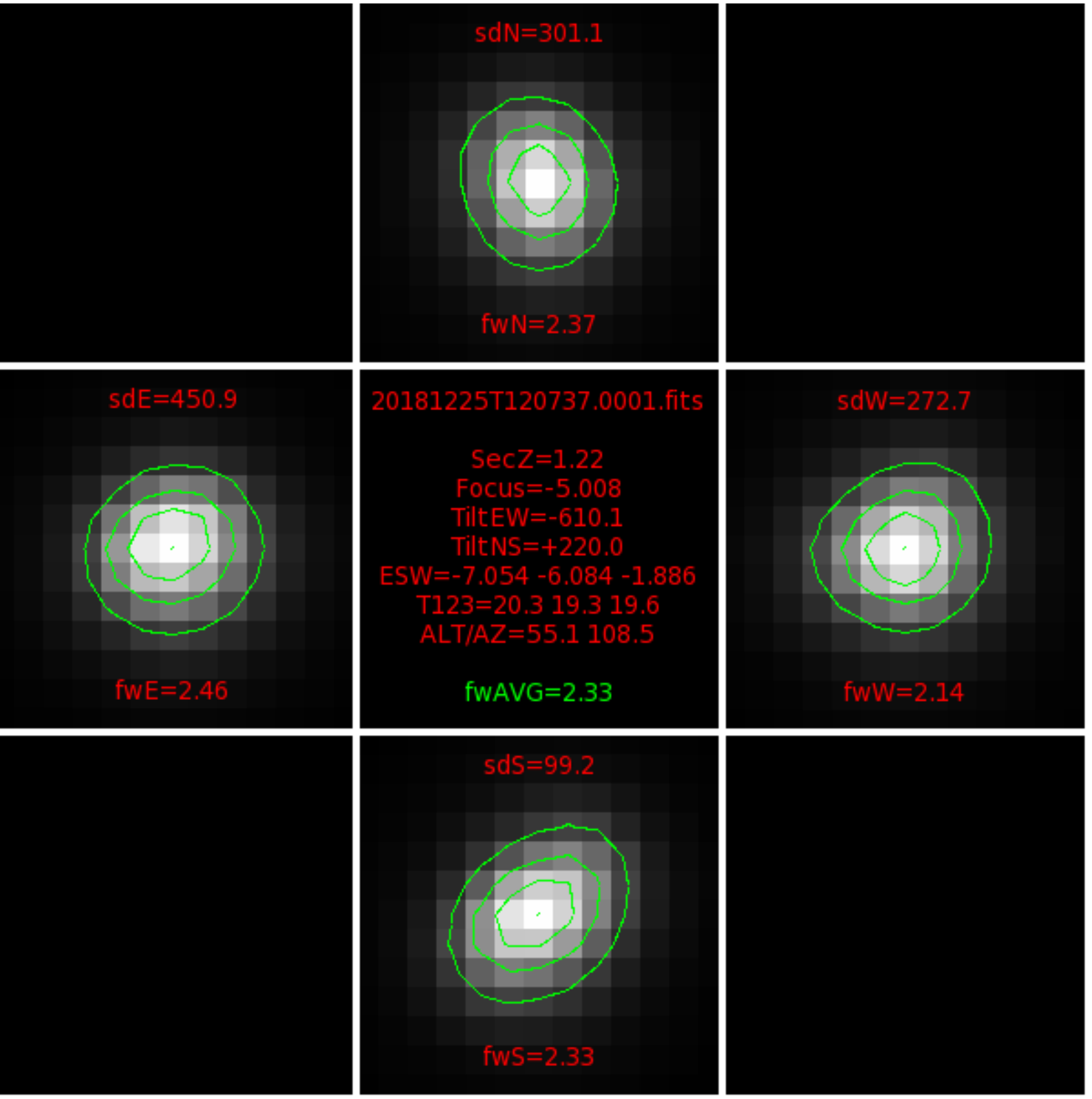

sdN=344.4
fwN=2.13
sdE=1296.8
fwE=2.25
20181225T120204.0001.fits
SecZ=1.13
Focus=-5.015
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.061 -6.091 -1.893
T123=20.3 19.3 19.6
ALT/AZ=62.2 90.7
fwAVG=2.15
sdW=339.7
fwW=1.98
sdS=1136.8
fwS=2.24
0 0 0 0 0 0 0 0 0

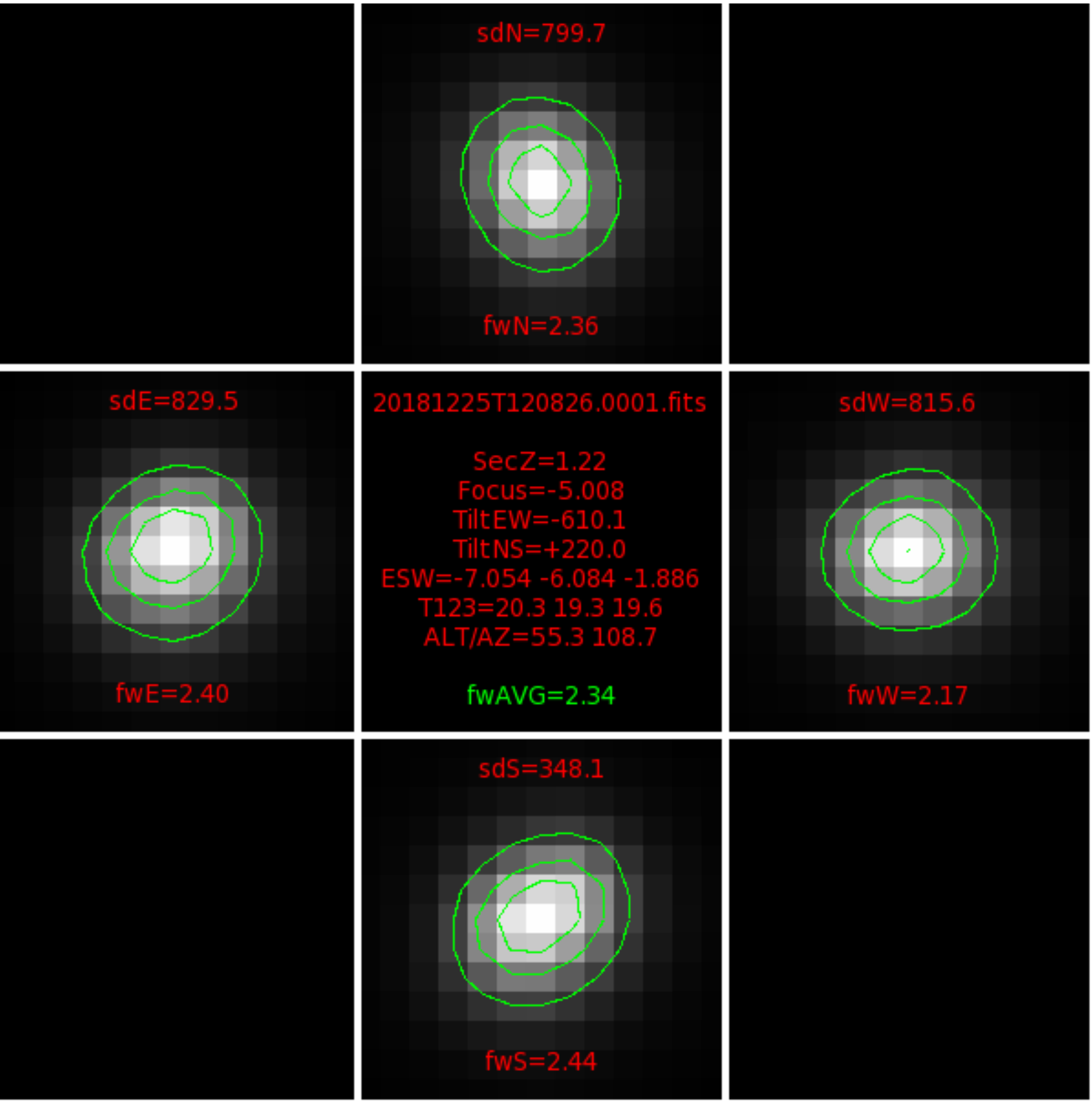

sdN=91.8
fwN=2.86
sdE=94.5
fwE=2.80
20181225T120327.0001.fits
SecZ=1.23
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 0.0 19.6
ALT/AZ=54.3 107.6
fwAVG=2.71
sdW=60.9
fwW=2.45
sdS=22.4
fwS=2.73
0 0 0 0 0 0 0 0 0

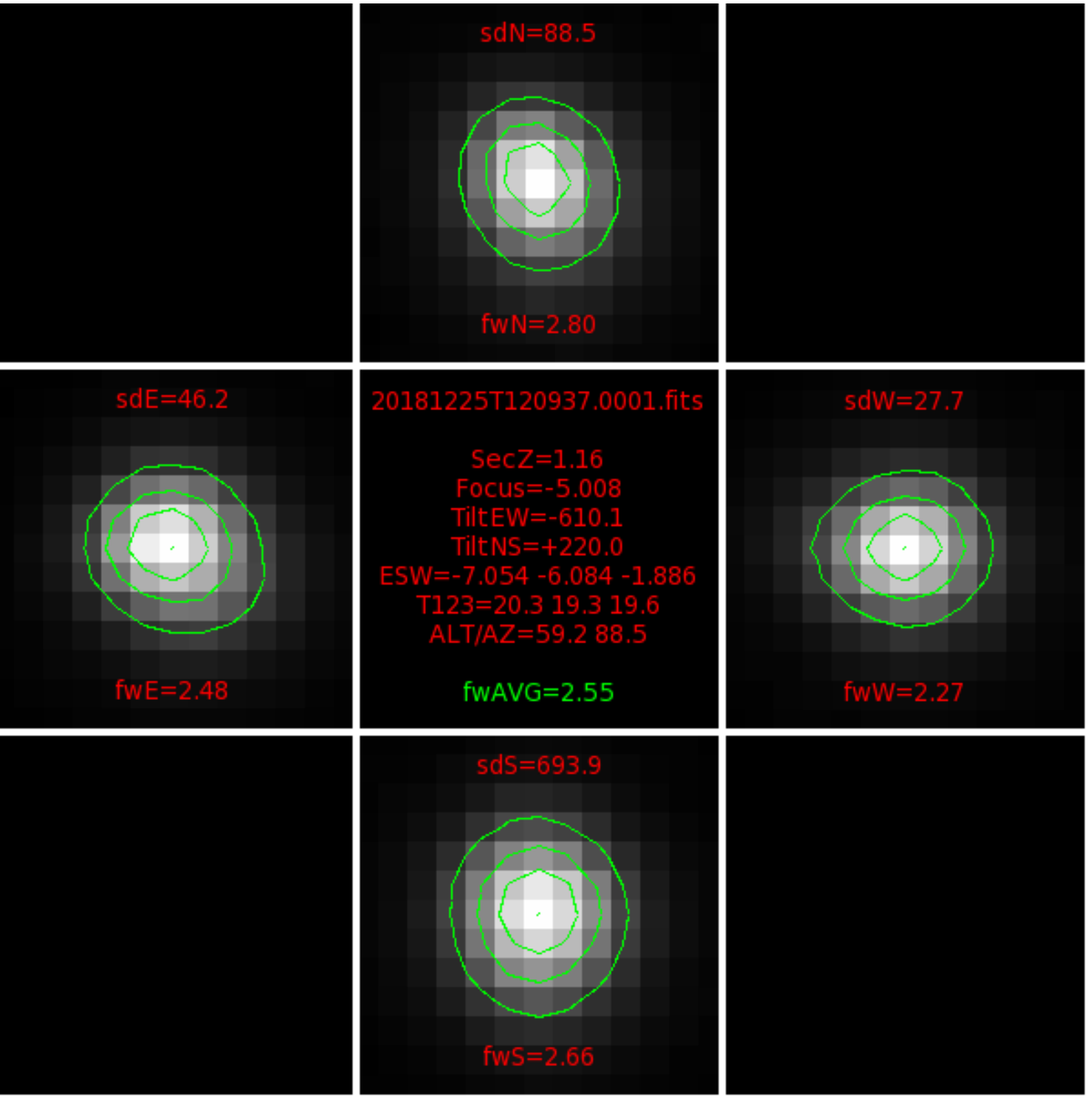

sdN=387.0
fwN=2.79
sdE=316.8
fwE=2.90
20181225T120418.0001.fits
SecZ=1.23
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.4 19.6
ALT/AZ=54.5 107.8
fwAVG=2.72
sdW=300.1
fwW=2.53
sdS=87.0
fwS=2.67
0 0 0 0 0 0 0 0 0

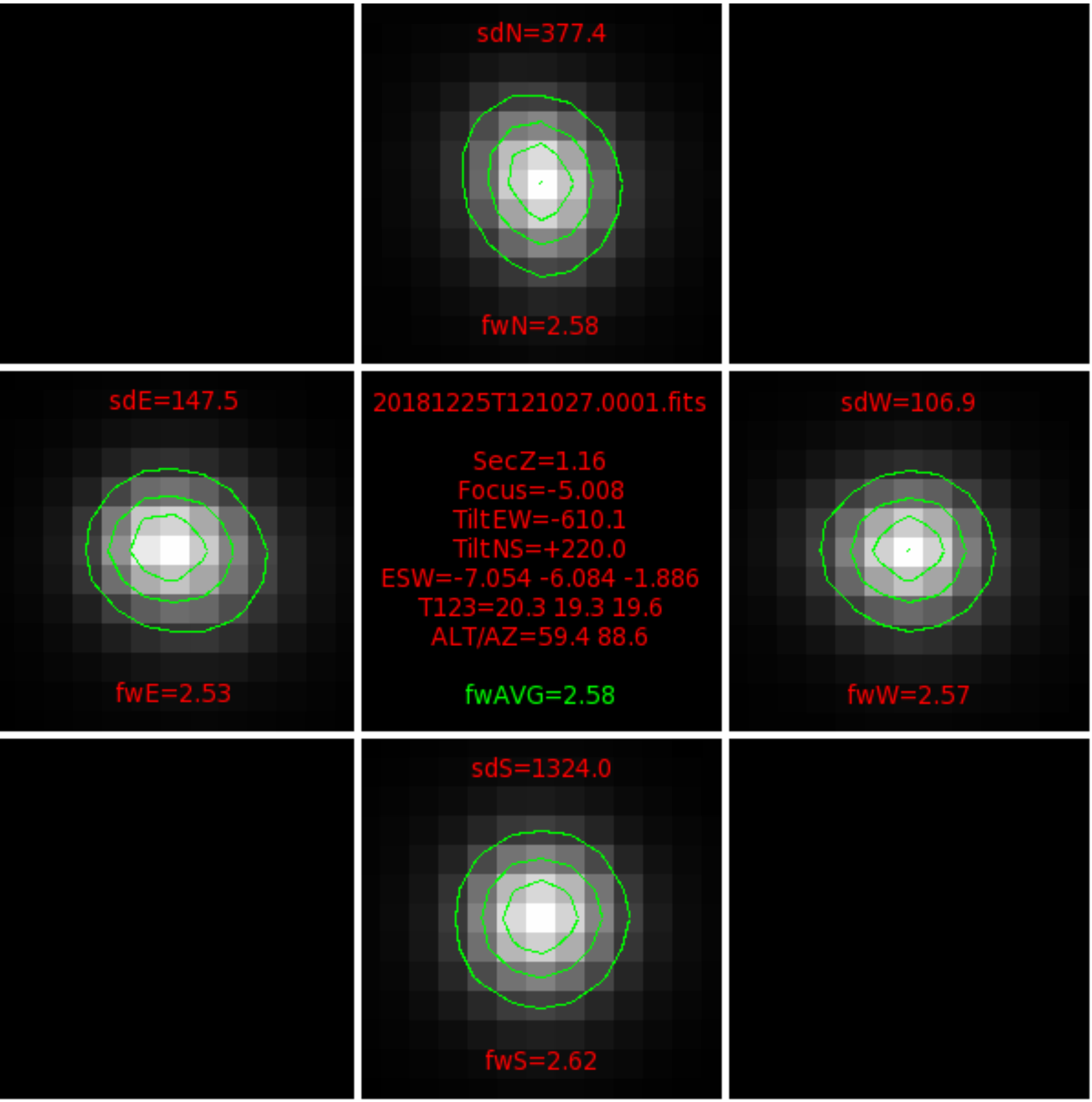

sdN=138.7
fwN=2.93
sdE=205.3
fwE=2.63
20181225T120540.0001.fits
SecZ=1.22
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.4 19.6
ALT/AZ=54.7 108.1
fwAVG=2.66
sdW=99.8
fwW=2.63
sdS=40.8
fwS=2.44
0 0 0 0 0 0 0 0 0

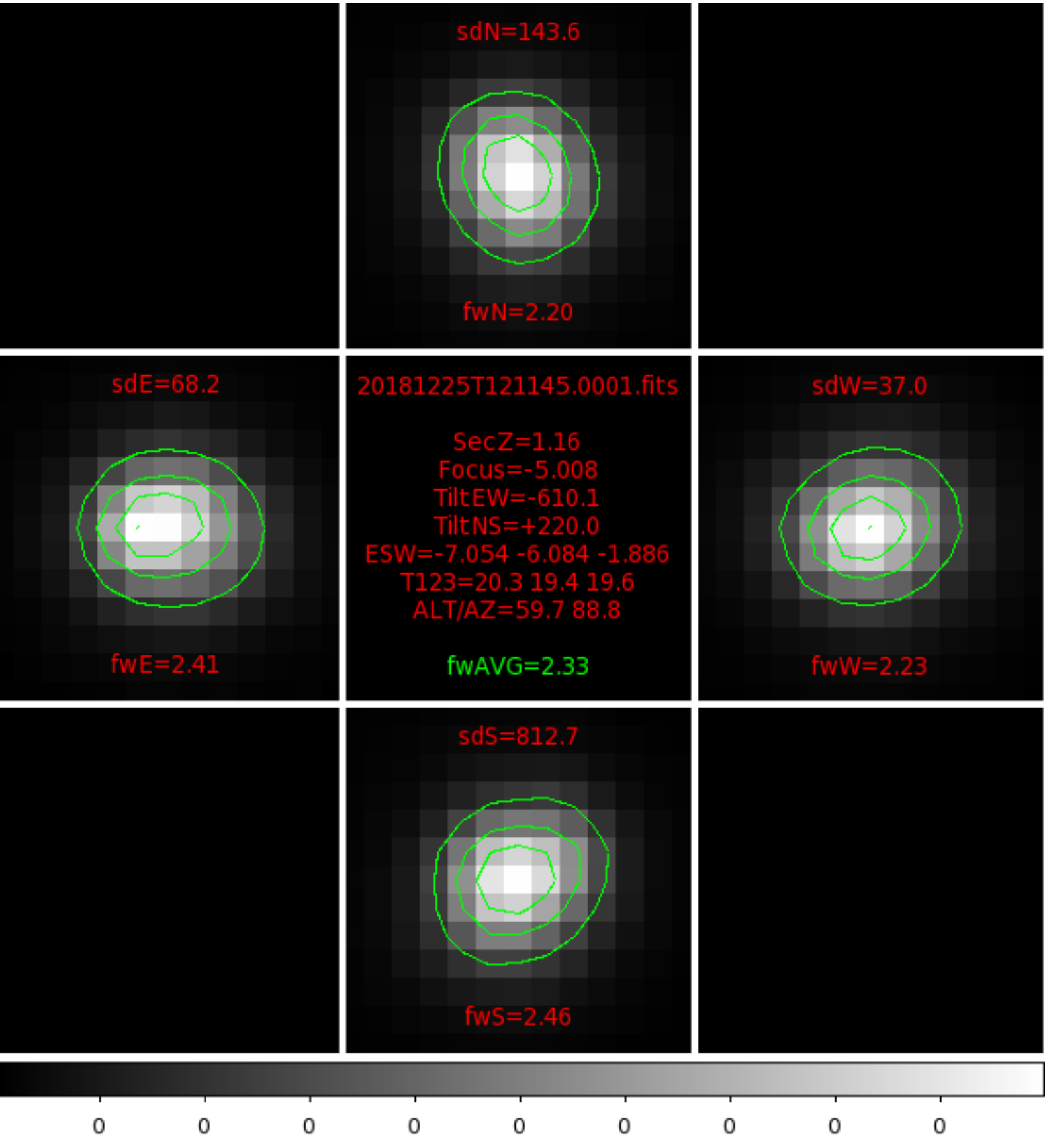

sdN=513.3
fwN=2.87
sdE=531.9
fwE=2.69
20181225T120629.0001.fits
SecZ=1.22
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.4 19.6
ALT/AZ=54.9 108.3
fwAVG=2.67
sdW=462.1
fwW=2.53
sdS=143.2
fwS=2.60
0 0 0 0 0 0 0 0 0

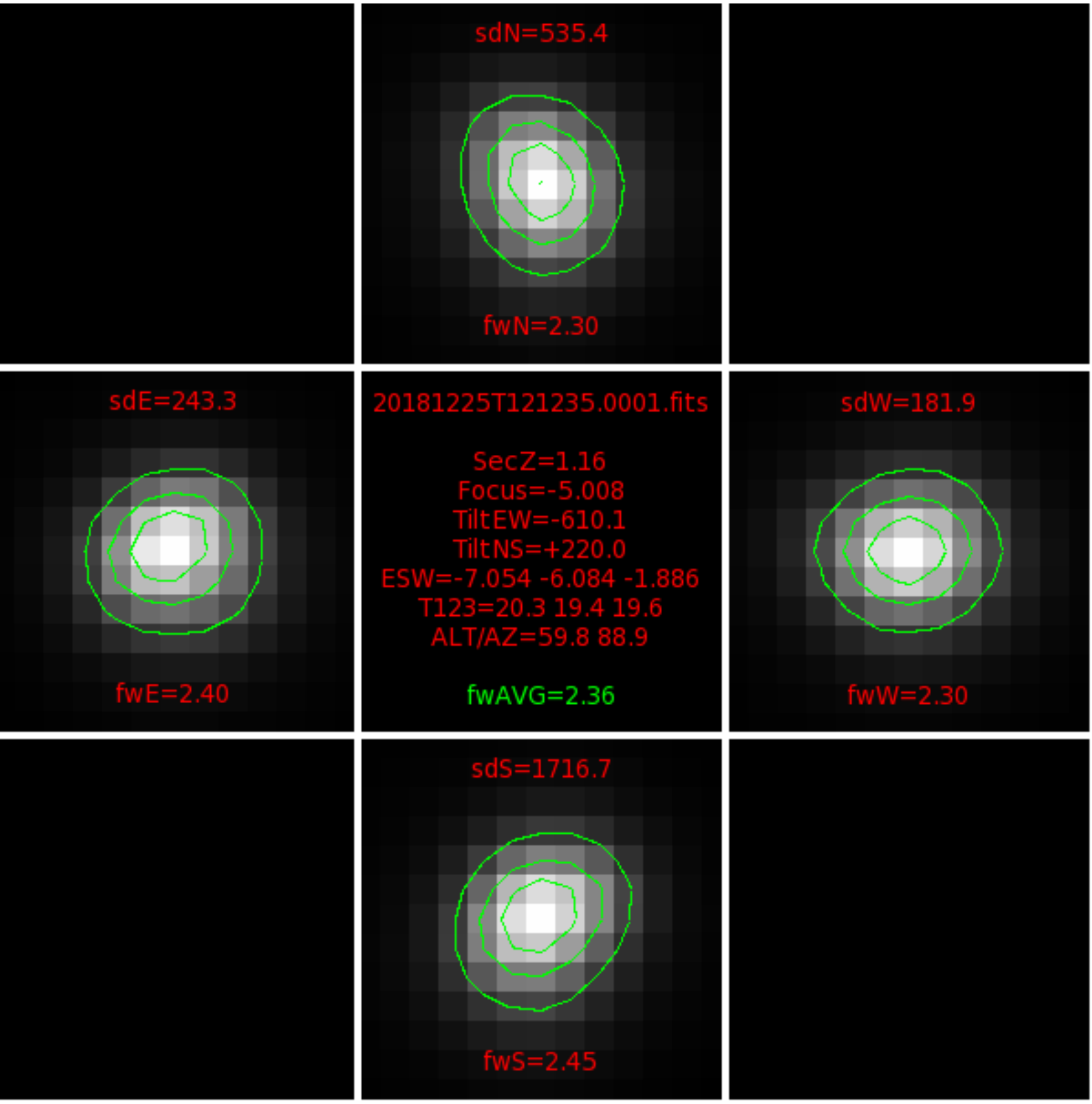

sdN=301.1
fwN=2.37
sdE=450.9
fwE=2.46
20181225T120737.0001.fits
SecZ=1.22
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.3 19.6
ALT/AZ=55.1 108.5
fwAVG=2.33
sdW=272.7
fwW=2.14
sdS=99.2
fwS=2.33
0 0 0 0 0 0 0 0 0

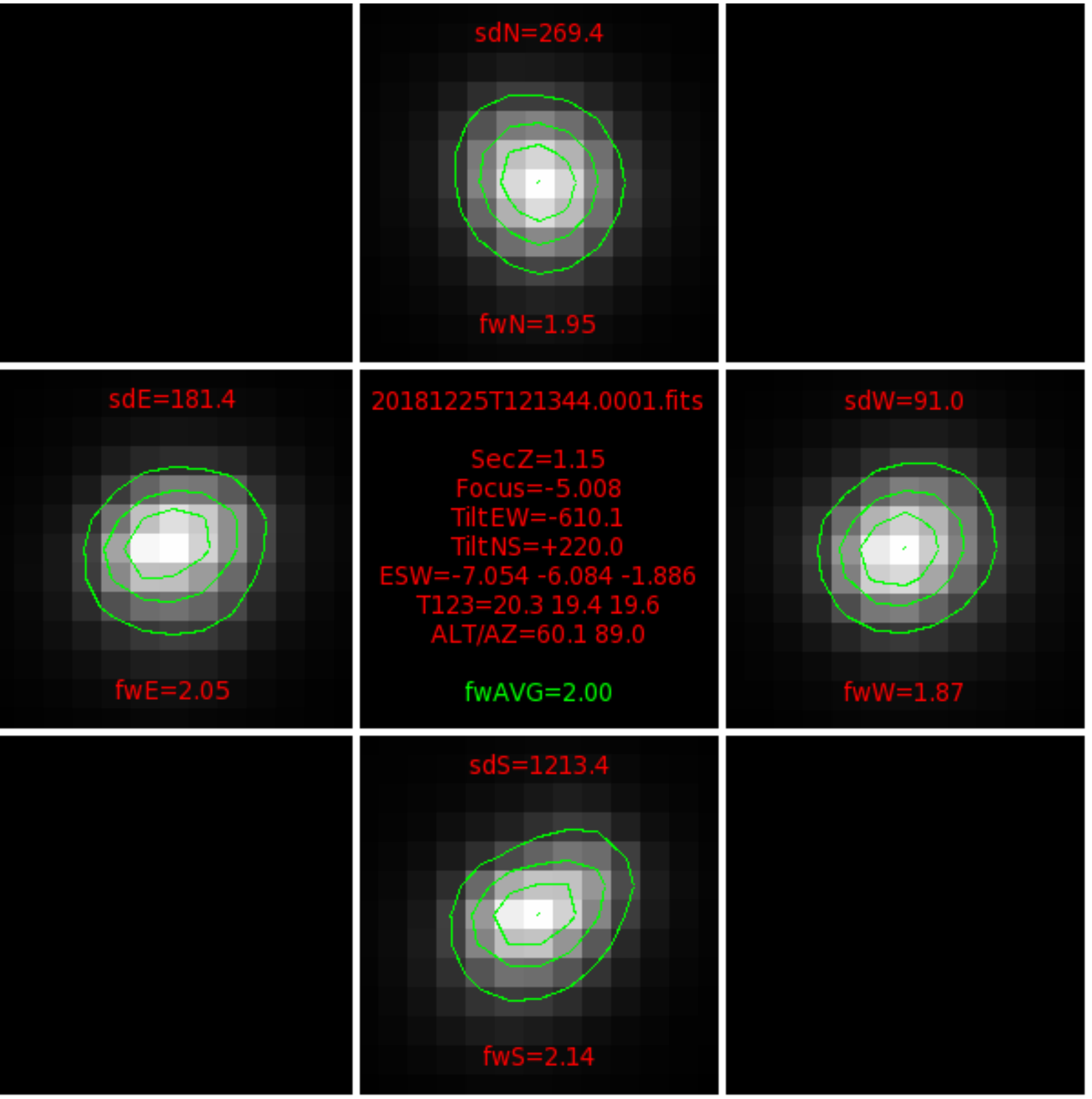

sdN=799.7
fwN=2.36
sdE=829.5
fwE=2.40
20181225T120826.0001.fits
SecZ=1.22
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.3 19.6
ALT/AZ=55.3 108.7
fwAVG=2.34
sdW=815.6
fwW=2.17
sdS=348.1
fwS=2.44
0 0 0 0 0 0 0 0 0

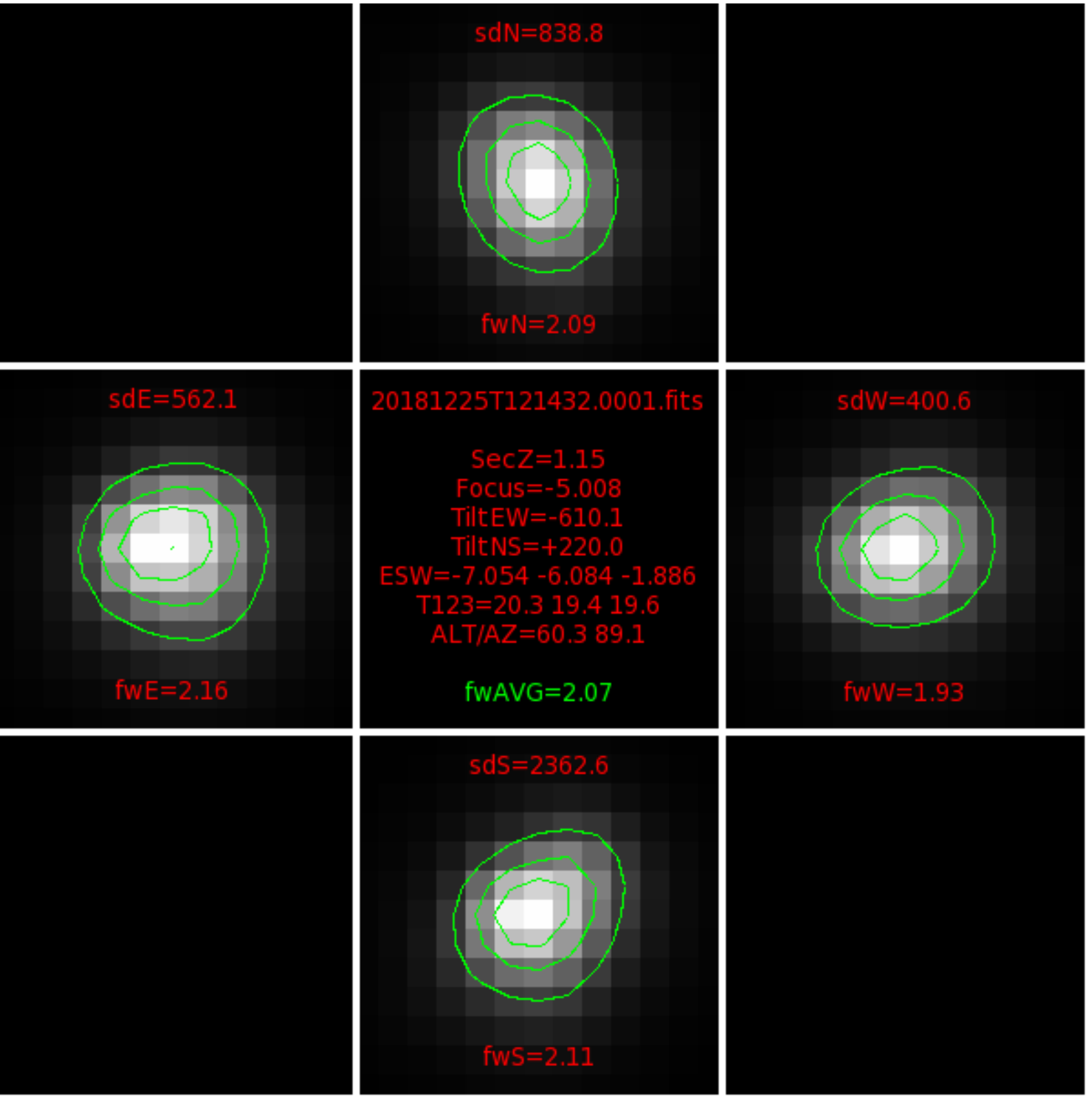

sdN=88.5
fwN=2.80
sdE=46.2
fwE=2.48
20181225T120937.0001.fits
SecZ=1.16
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.3 19.6
ALT/AZ=59.2 88.5
fwAVG=2.55
sdW=27.7
fwW=2.27
sdS=693.9
fwS=2.66
0 0 0 0 0 0 0 0 0

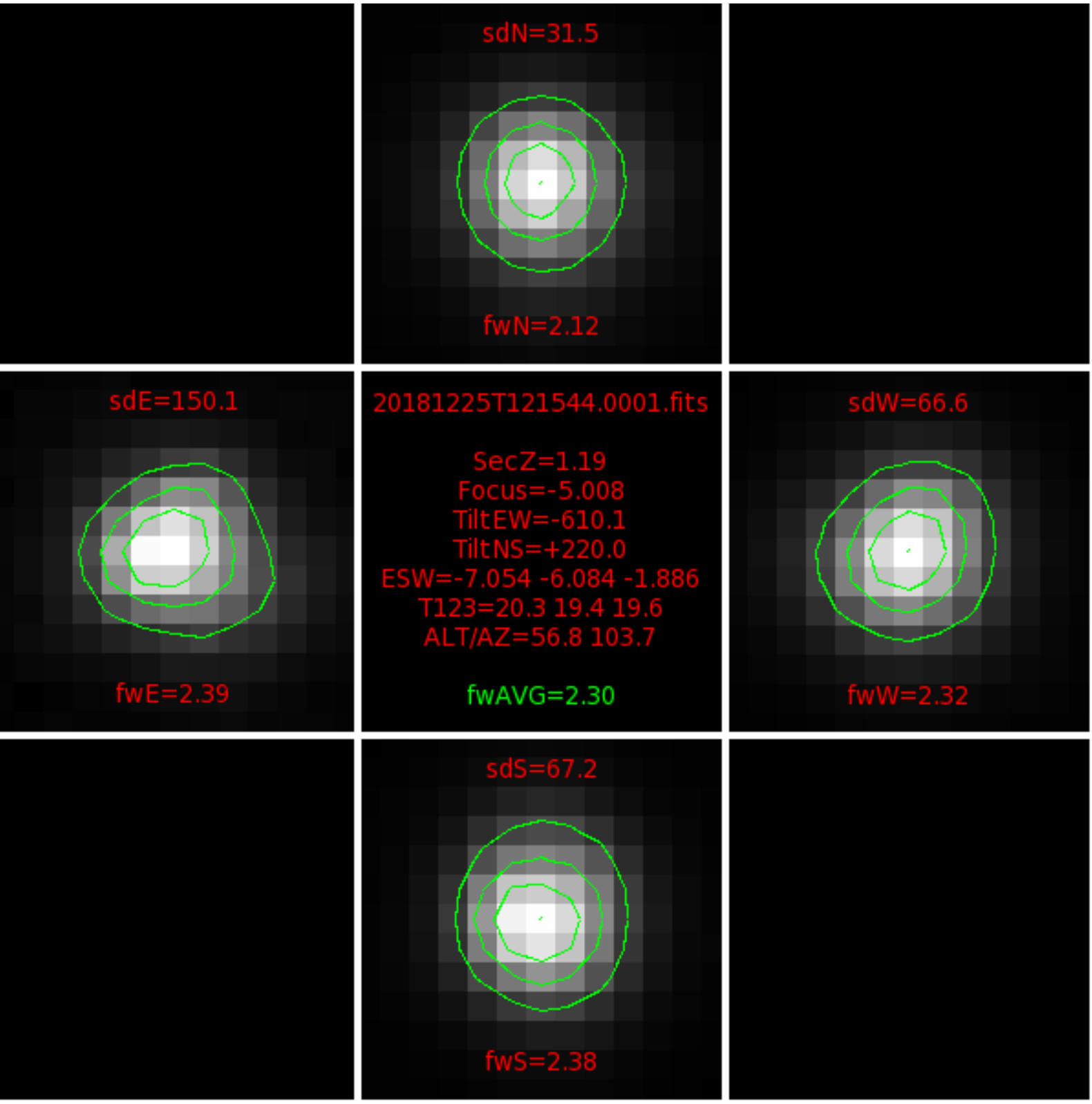

sdN=377.4
fwN=2.58
sdE=147.5
fwE=2.53
20181225T121027.0001.fits
SecZ=1.16
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.3 19.6
ALT/AZ=59.4 88.6
fwAVG=2.58
sdW=106.9
fwW=2.57
sdS=1324.0
fwS=2.62
0 0 0 0 0 0 0 0 0

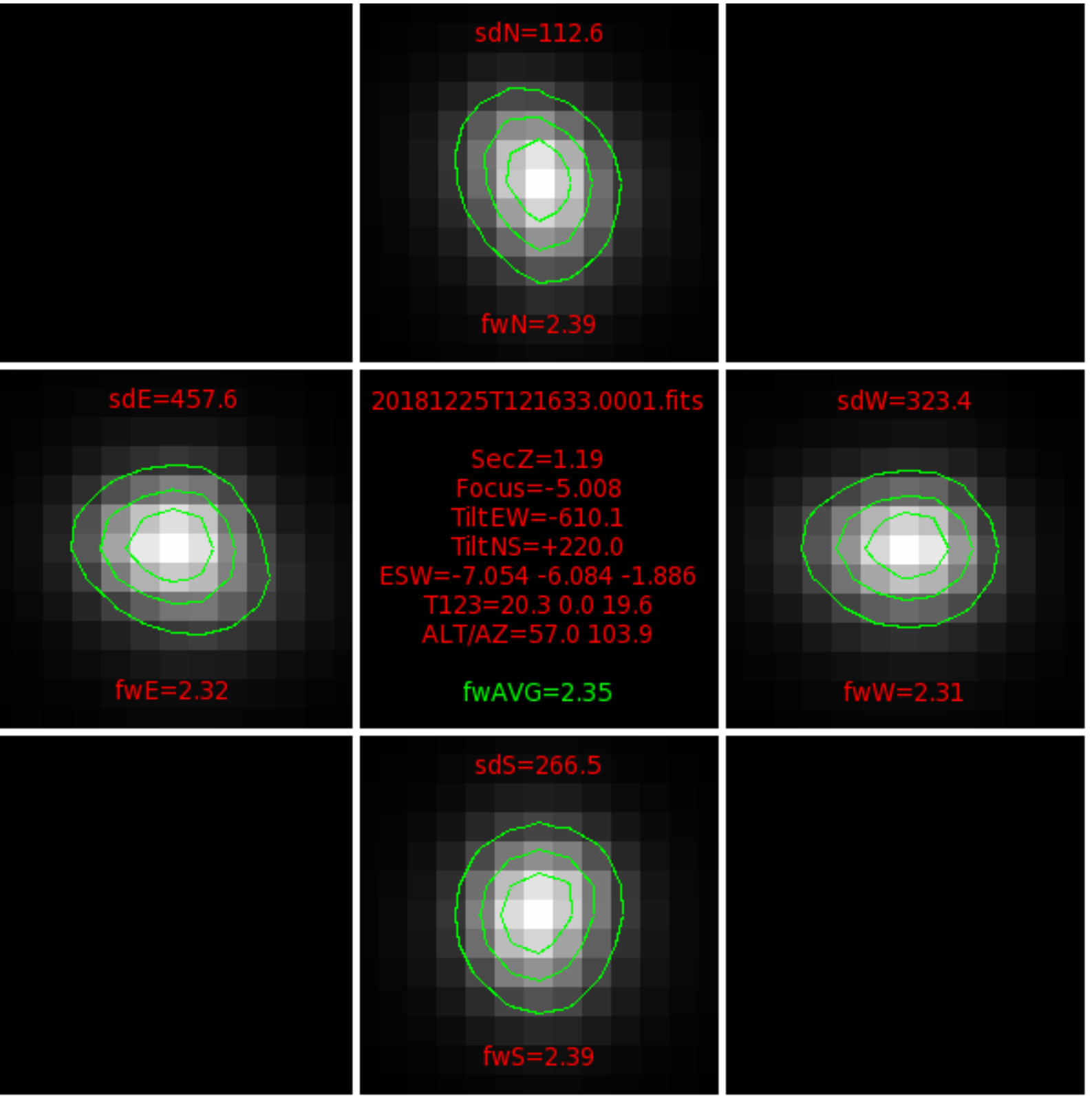

sdN=143.6
fwN=2.20
sdE=68.2
fwE=2.41
20181225T121145.0001.fits
SecZ=1.16
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.4 19.6
ALT/AZ=59.7 88.8
fwAVG=2.33
sdW=37.0
fwW=2.23
sdS=812.7
fwS=2.46
0 0 0 0 0 0 0 0 0

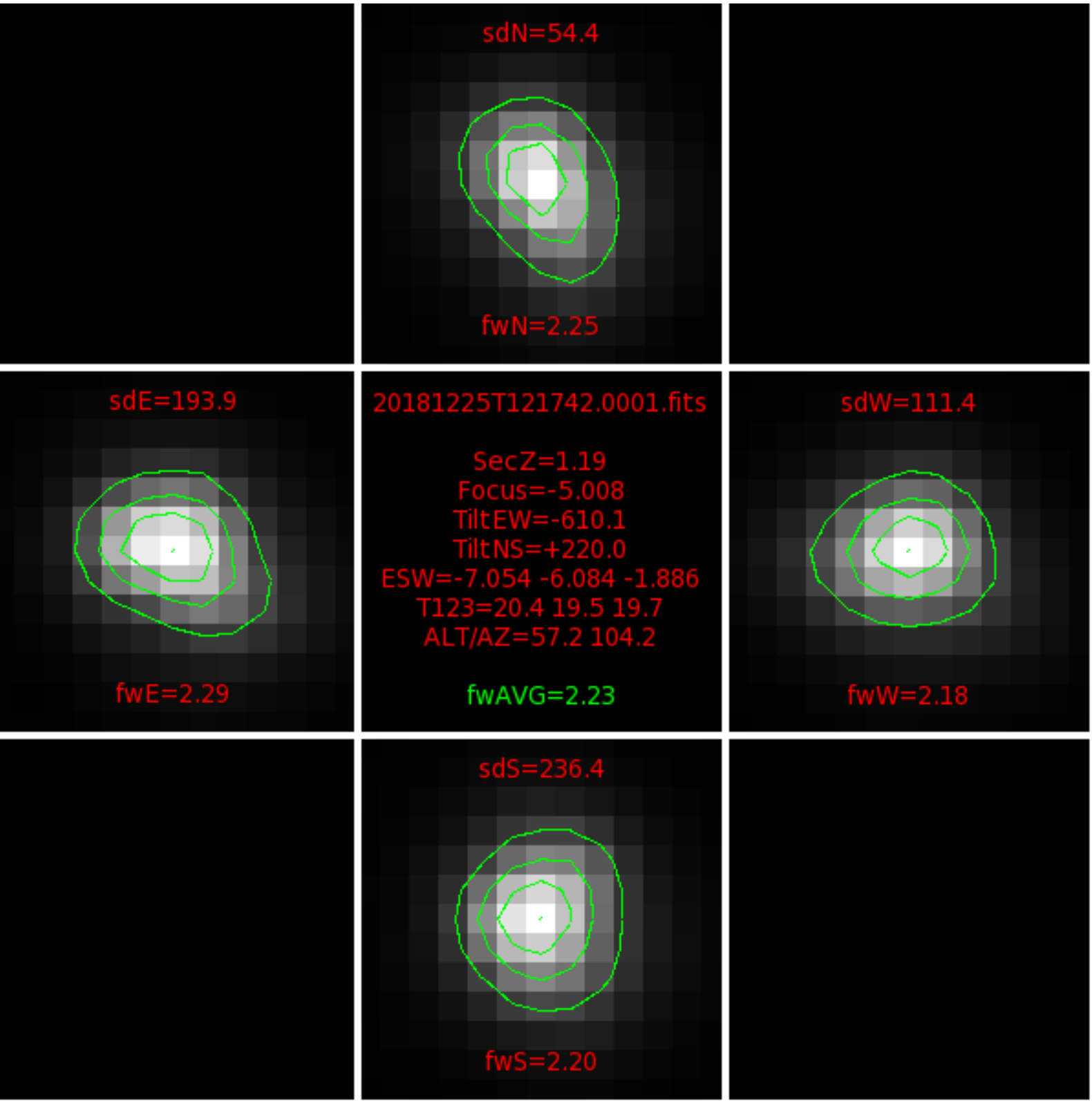

sdN=535.4
fwN=2.30
sdE=243.3
fwE=2.40
20181225T121235.0001.fits
SecZ=1.16
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.4 19.6
ALT/AZ=59.8 88.9
fwAVG=2.36
sdW=181.9
fwW=2.30
sdS=1716.7
fwS=2.45
0 0 0 0 0 0 0 0 0

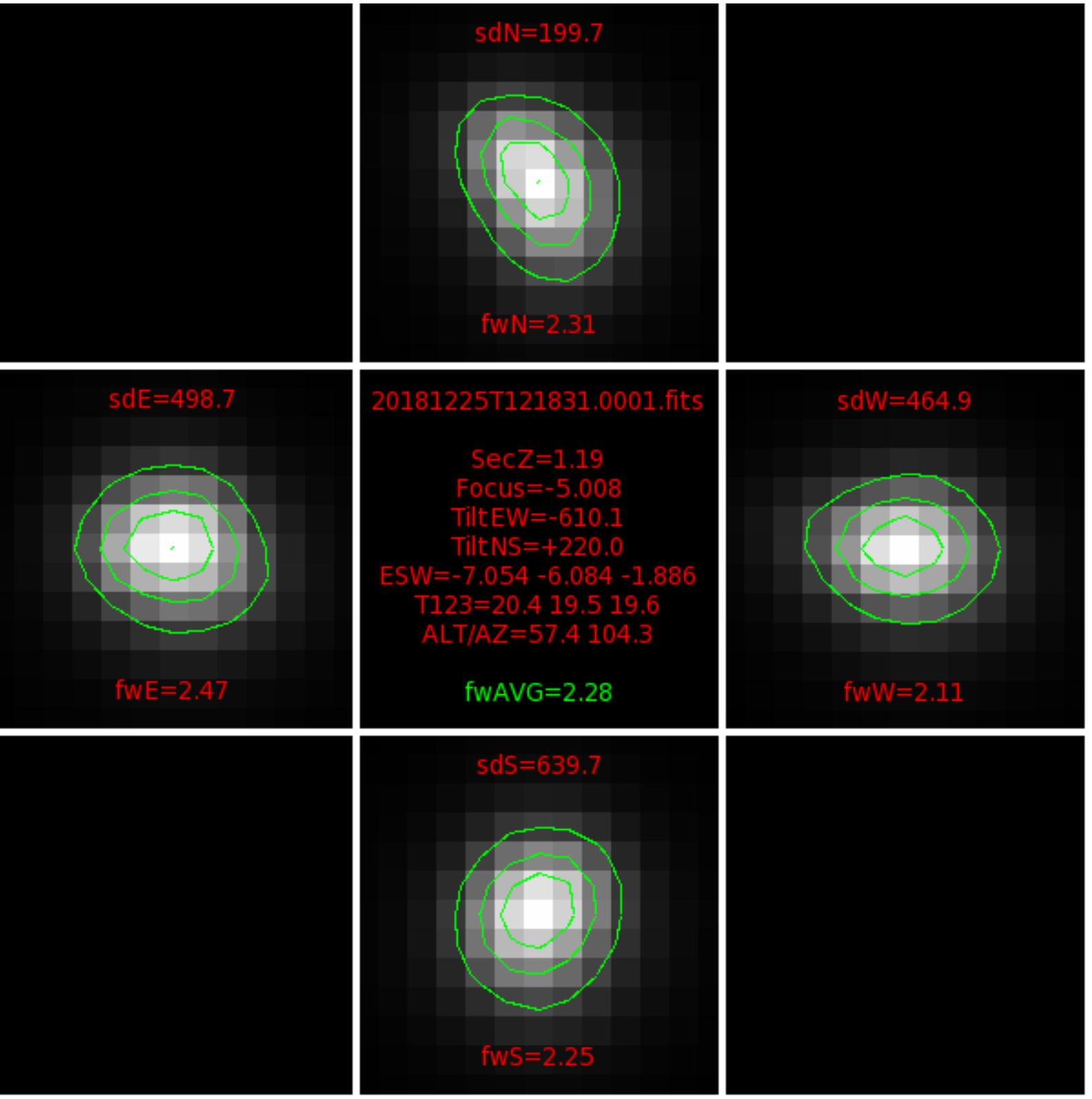

sdN=269.4
fwN=1.95
sdE=181.4
fwE=2.05
20181225T121344.0001.fits
SecZ=1.15
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.4 19.6
ALT/AZ=60.1 89.0
fwAVG=2.00
sdW=91.0
fwW=1.87
sdS=1213.4
fwS=2.14
0 0 0 0 0 0 0 0 0

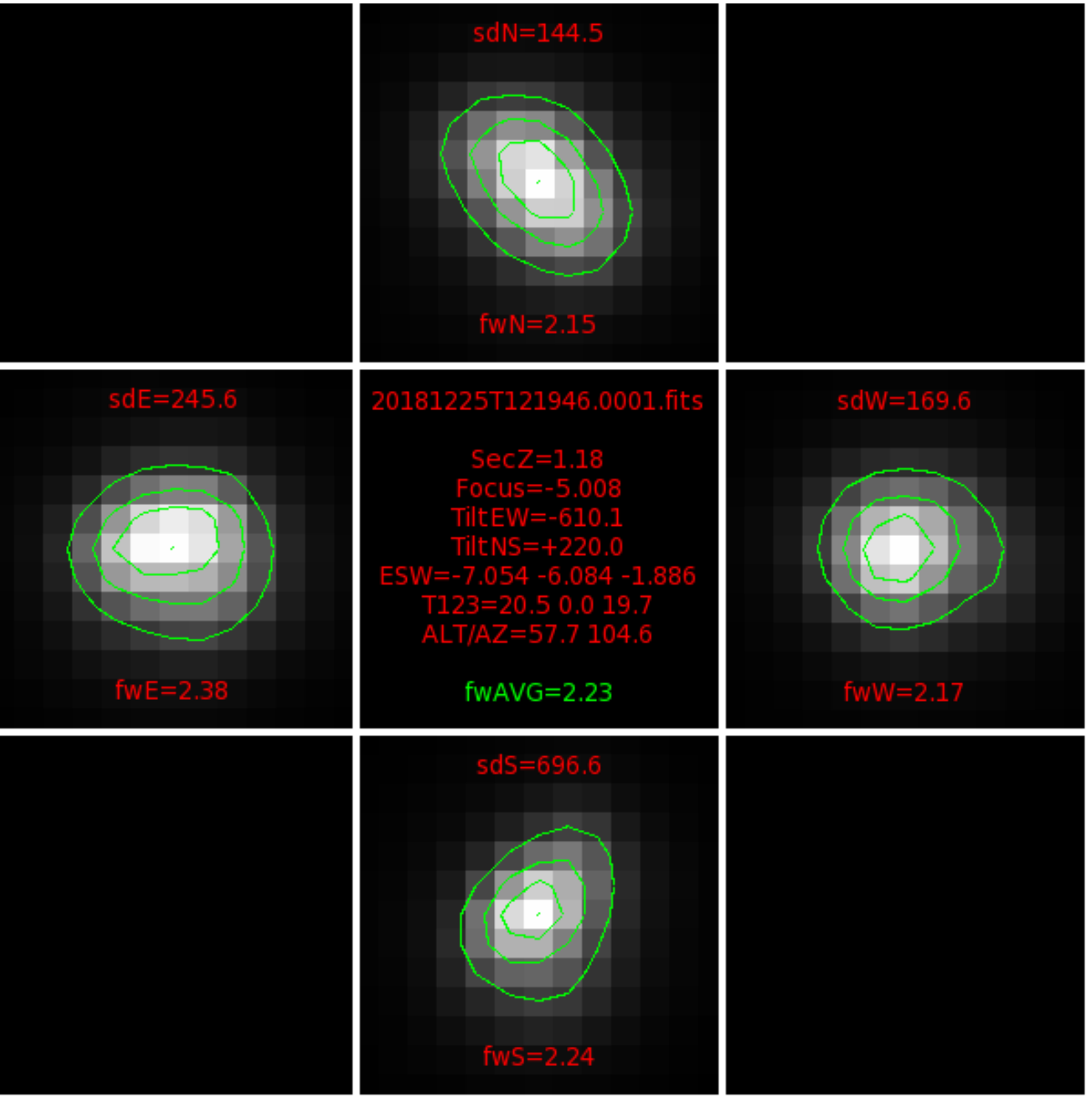

sdN=838.8
fwN=2.09
sdE=562.1
fwE=2.16
20181225T121432.0001.fits
SecZ=1.15
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.4 19.6
ALT/AZ=60.3 89.1
fwAVG=2.07
sdW=400.6
fwW=1.93
sdS=2362.6
fwS=2.11
0 0 0 0 0 0 0 0 0

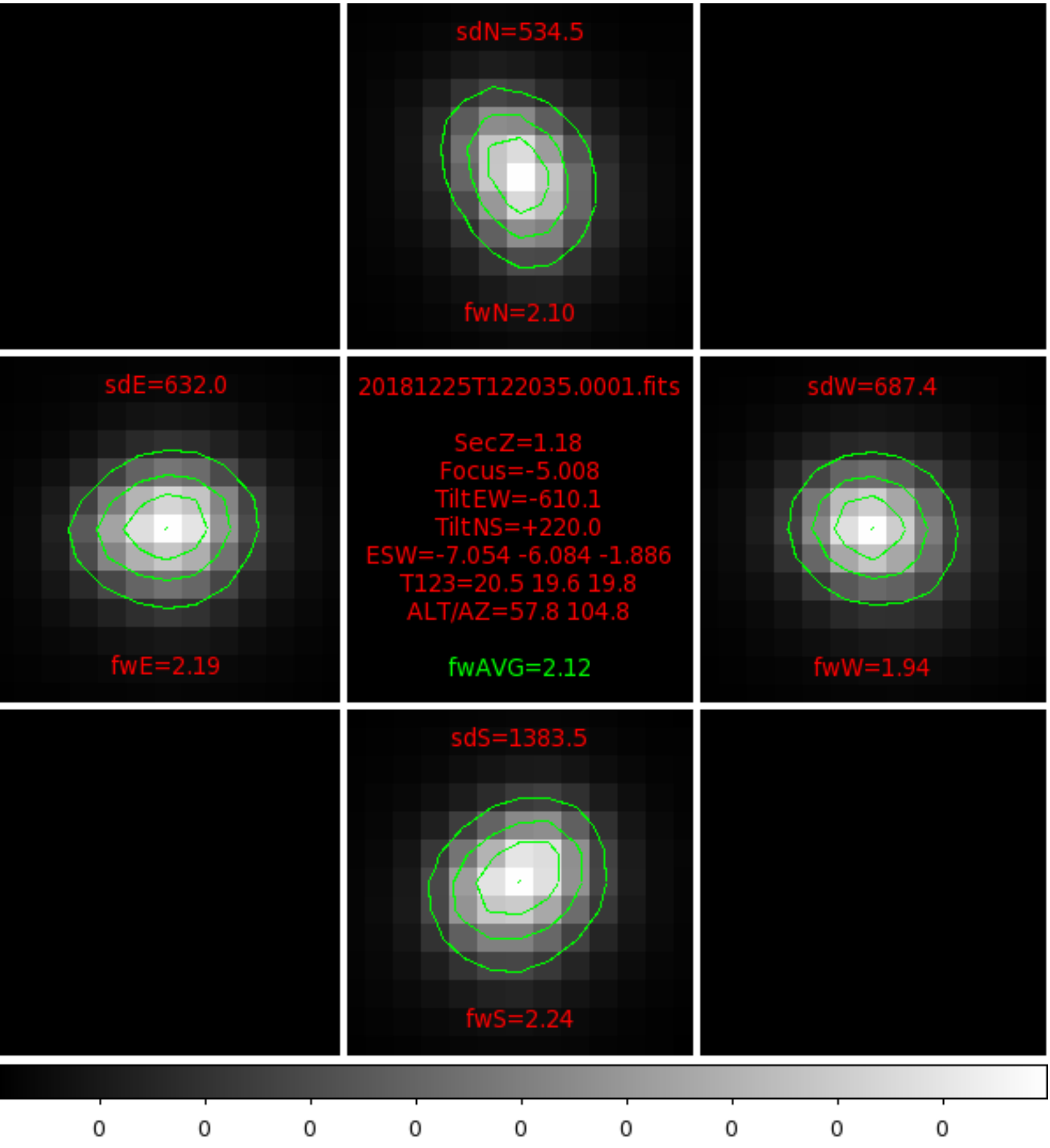

sdN=31.5
fwN=2.12
sdE=150.1
fwE=2.39
20181225T121544.0001.fits
SecZ=1.19
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 19.4 19.6
ALT/AZ=56.8 103.7
fwAVG=2.30
sdW=66.6
fwW=2.32
sdS=67.2
fwS=2.38
0 0 0 0 0 0 0 0 0

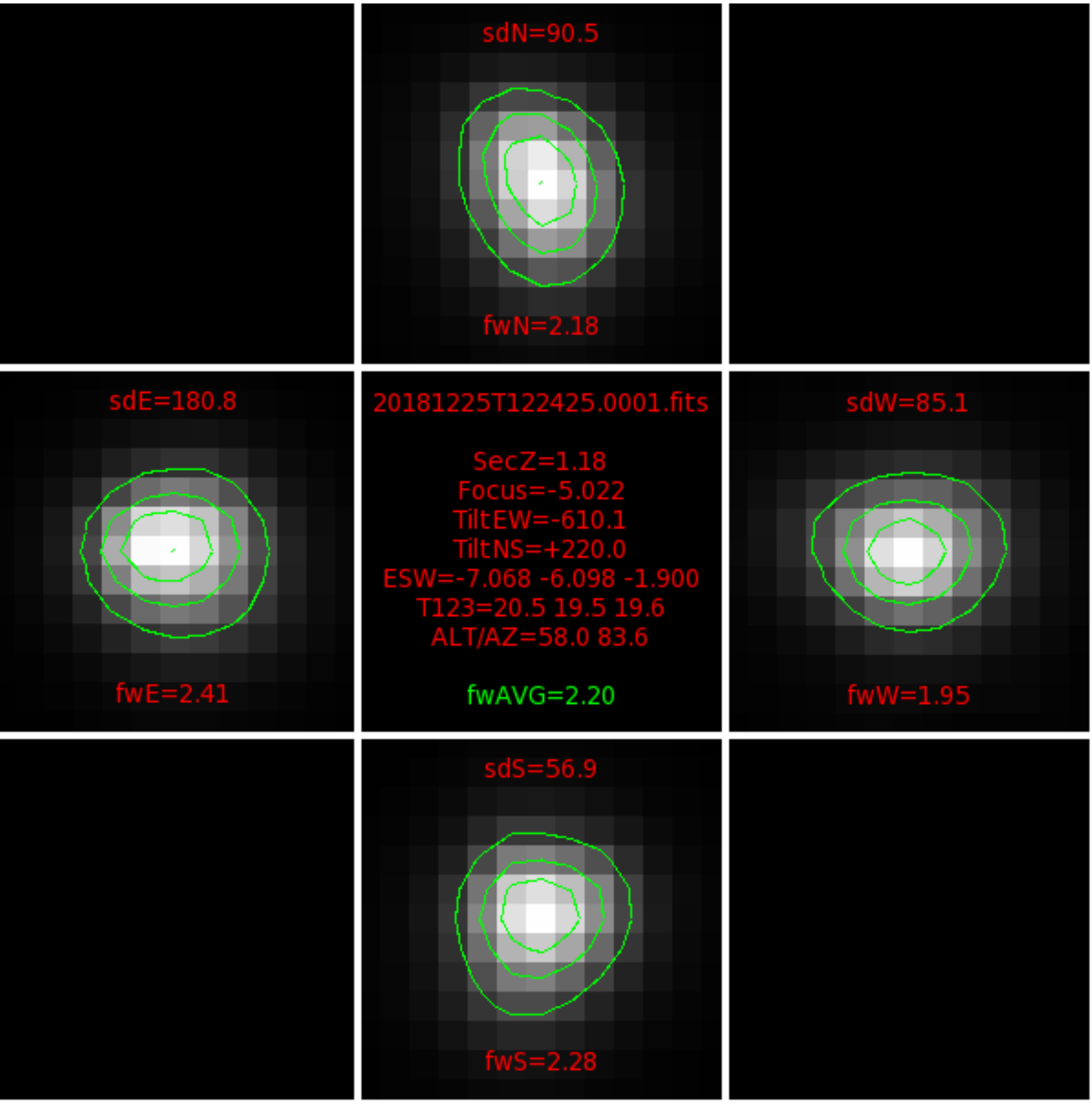

sdN=112.6
fwN=2.39
sdE=457.6
fwE=2.32
20181225T121633.0001.fits
SecZ=1.19
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.3 0.0 19.6
ALT/AZ=57.0 103.9
fwAVG=2.35
sdW=323.4
fwW=2.31
sdS=266.5
fwS=2.39
0 0 0 0 0 0 0 0 0

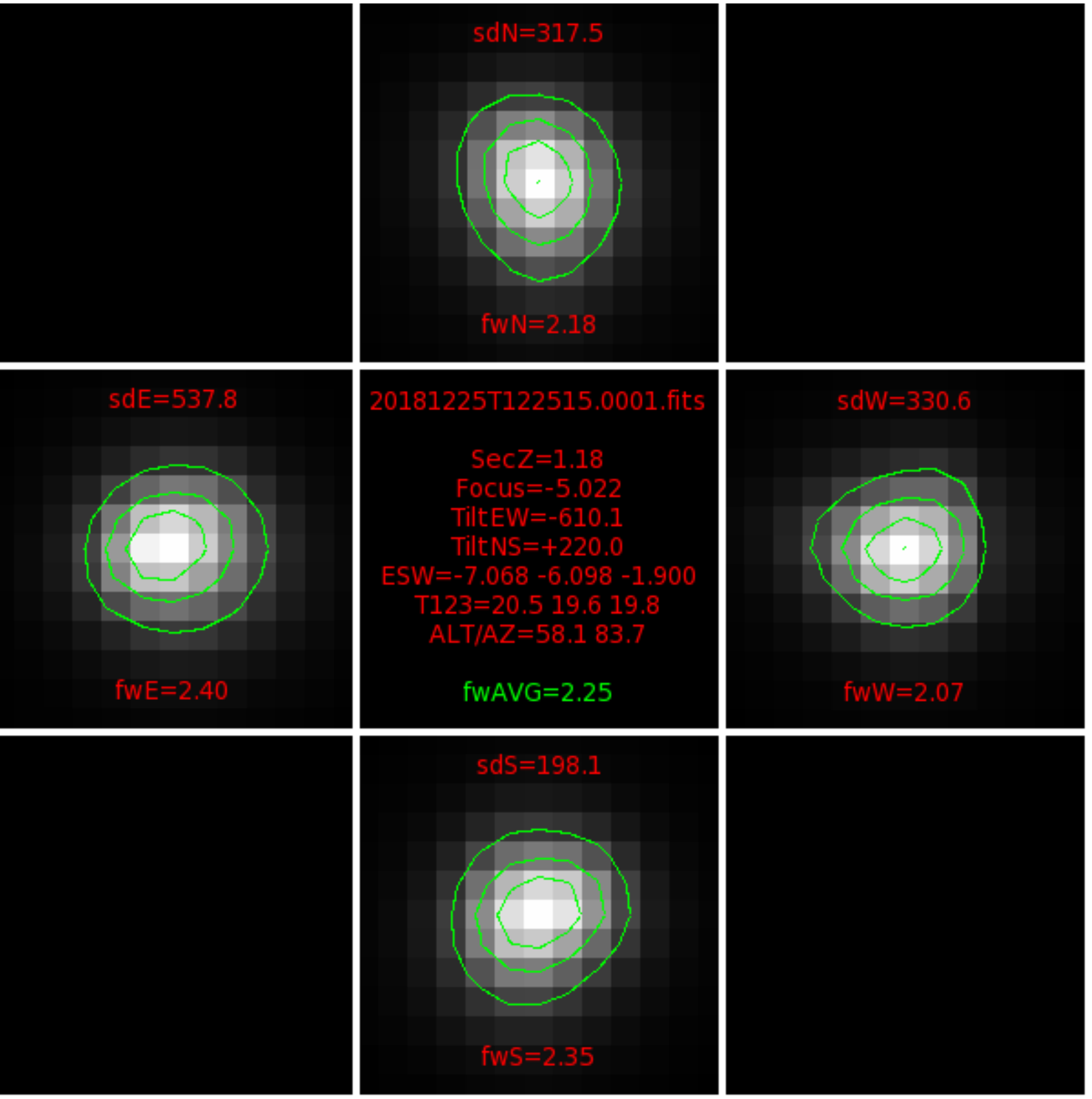

sdN=54.4
fwN=2.25
sdE=193.9
fwE=2.29
20181225T121742.0001.fits
SecZ=1.19
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.4 19.5 19.7
ALT/AZ=57.2 104.2
fwAVG=2.23
sdW=111.4
fwW=2.18
sdS=236.4
fwS=2.20
0 0 0 0 0 0 0 0 0

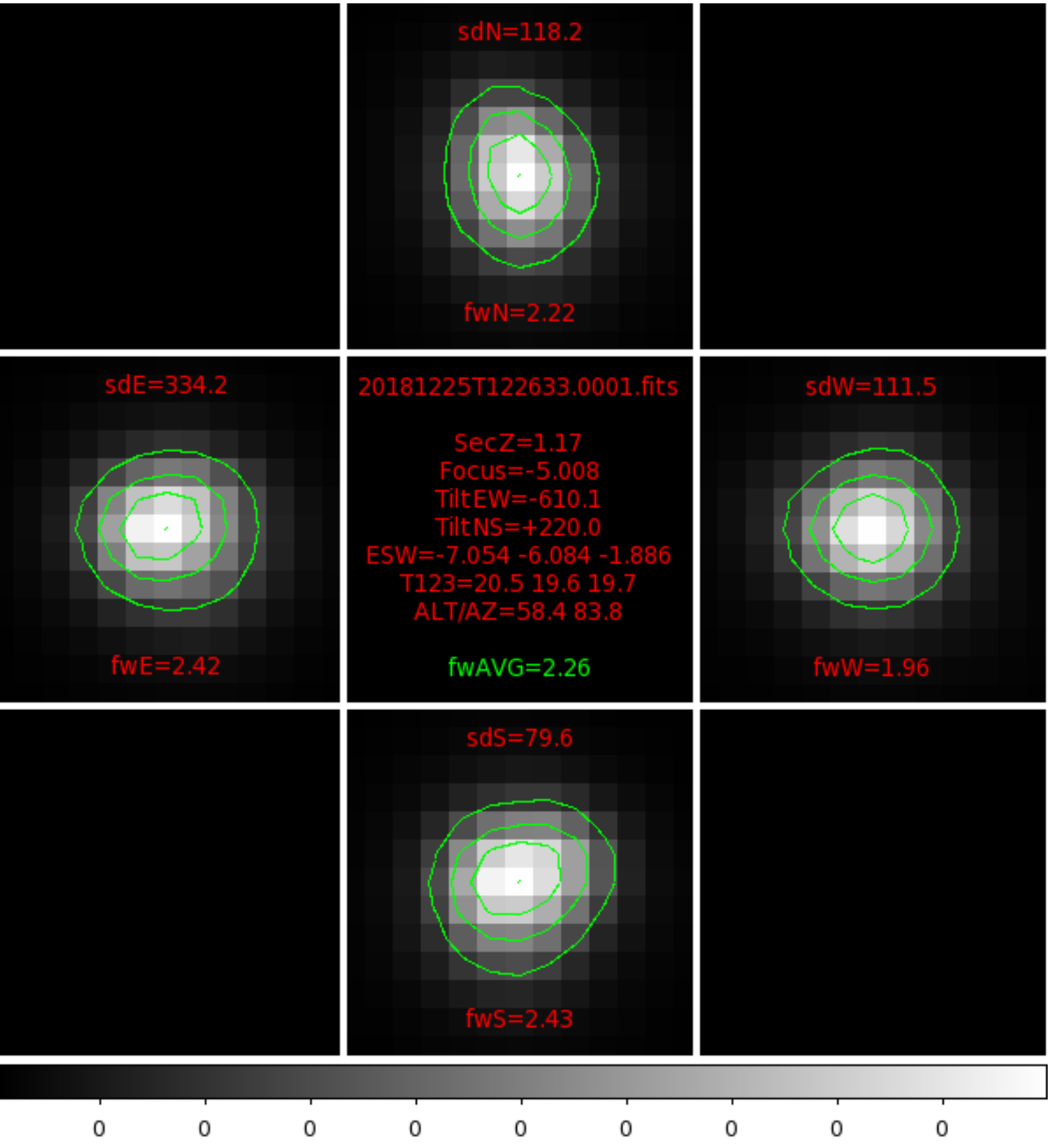

sdN=199.7
fwN=2.31
sdE=498.7
fwE=2.47
20181225T121831.0001.fits
SecZ=1.19
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.4 19.5 19.6
ALT/AZ=57.4 104.3
fwAVG=2.28
sdW=464.9
fwW=2.11
sdS=639.7
fwS=2.25
0 0 0 0 0 0 0 0 0

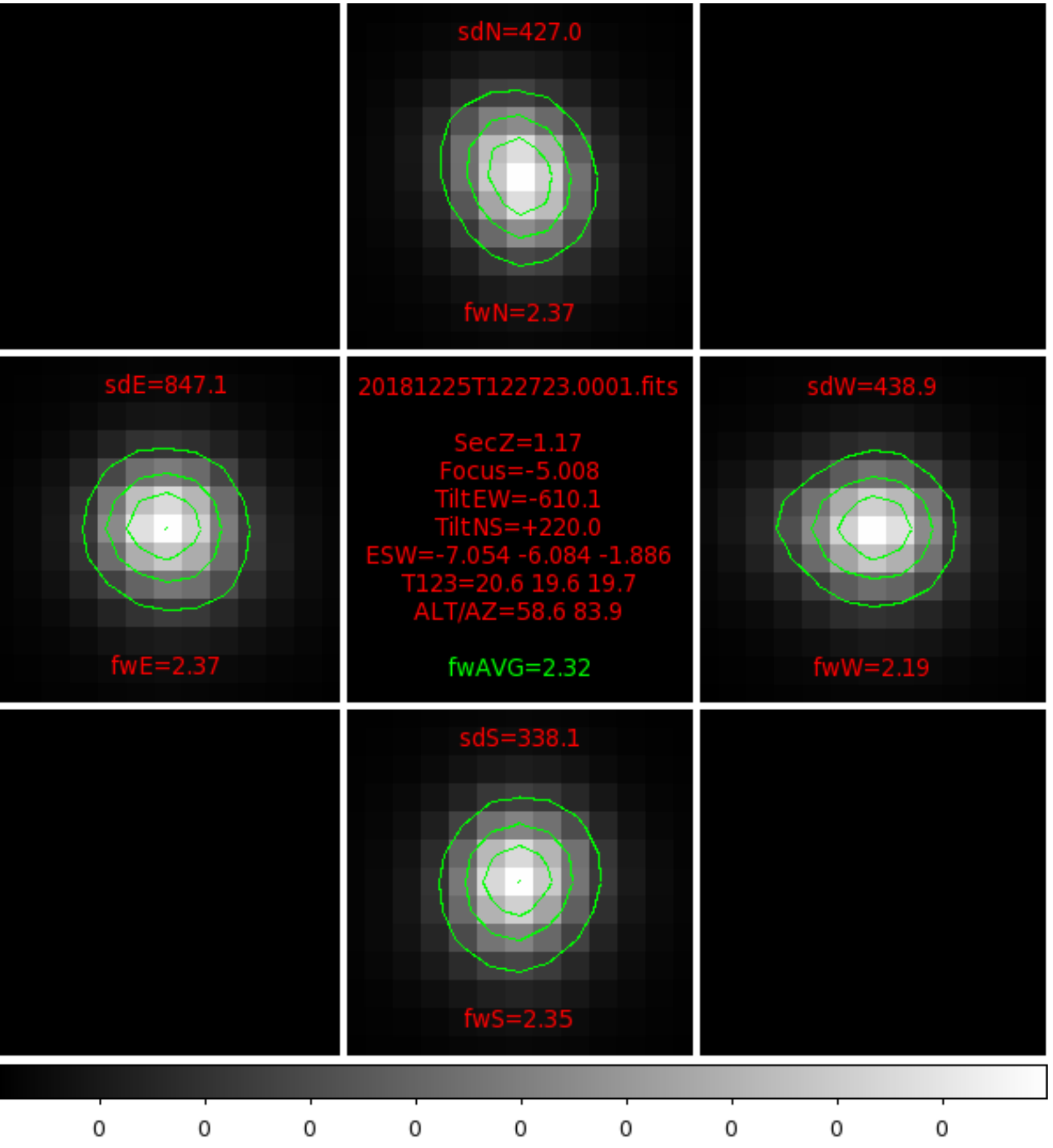

sdN=144.5
fwN=2.15
sdE=245.6
fwE=2.38
20181225T121946.0001.fits
SecZ=1.18
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.5 0.0 19.7
ALT/AZ=57.7 104.6
fwAVG=2.23
sdW=169.6
fwW=2.17
sdS=696.6
fwS=2.24
0 0 0 0 0 0 0 0 0

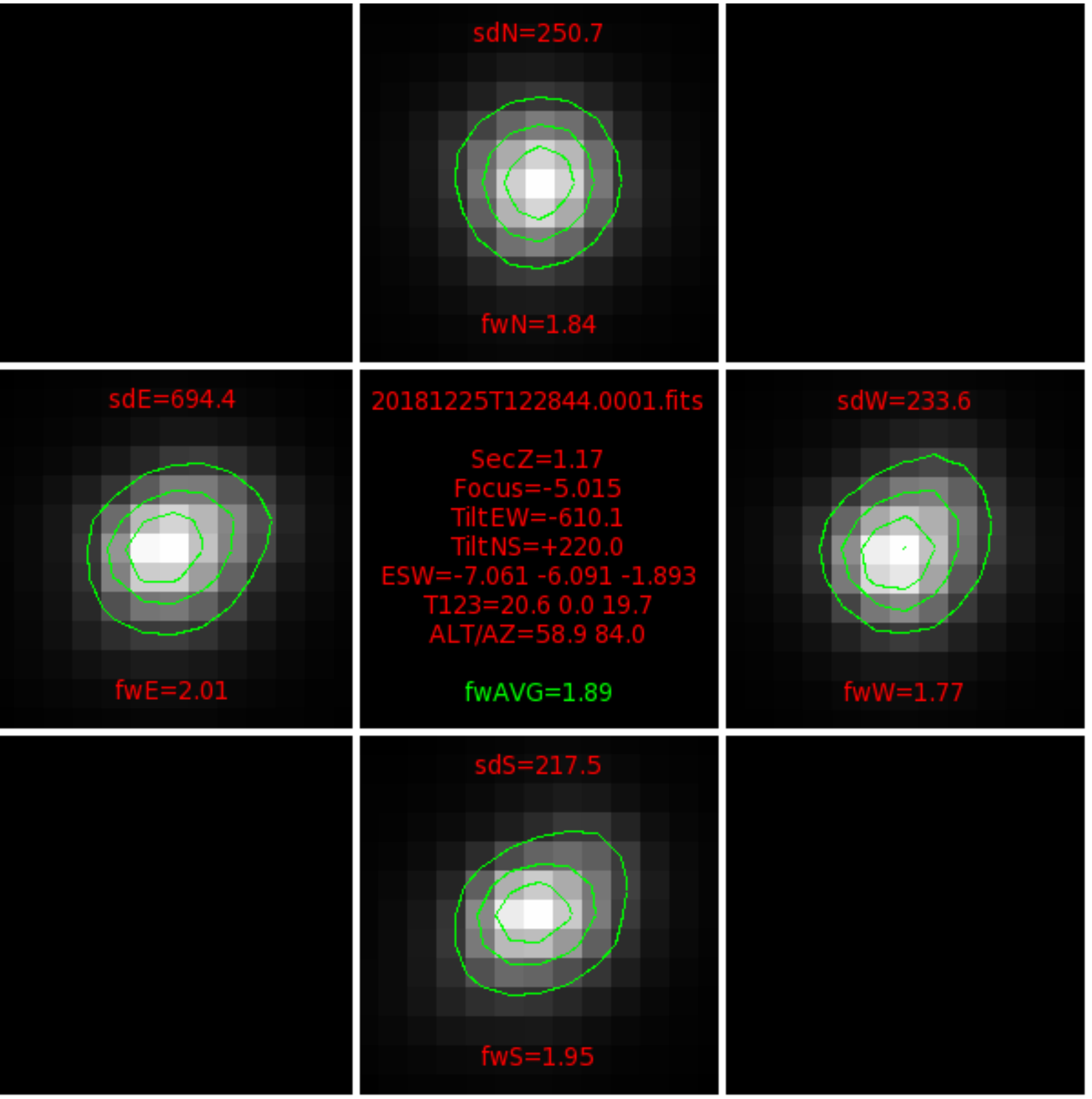

sdN=534.5
fwN=2.10
sdE=632.0
fwE=2.19
20181225T122035.0001.fits
SecZ=1.18
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.5 19.6 19.8
ALT/AZ=57.8 104.8
fwAVG=2.12
sdW=687.4
fwW=1.94
sdS=1383.5
fwS=2.24
0 0 0 0 0 0 0 0 0

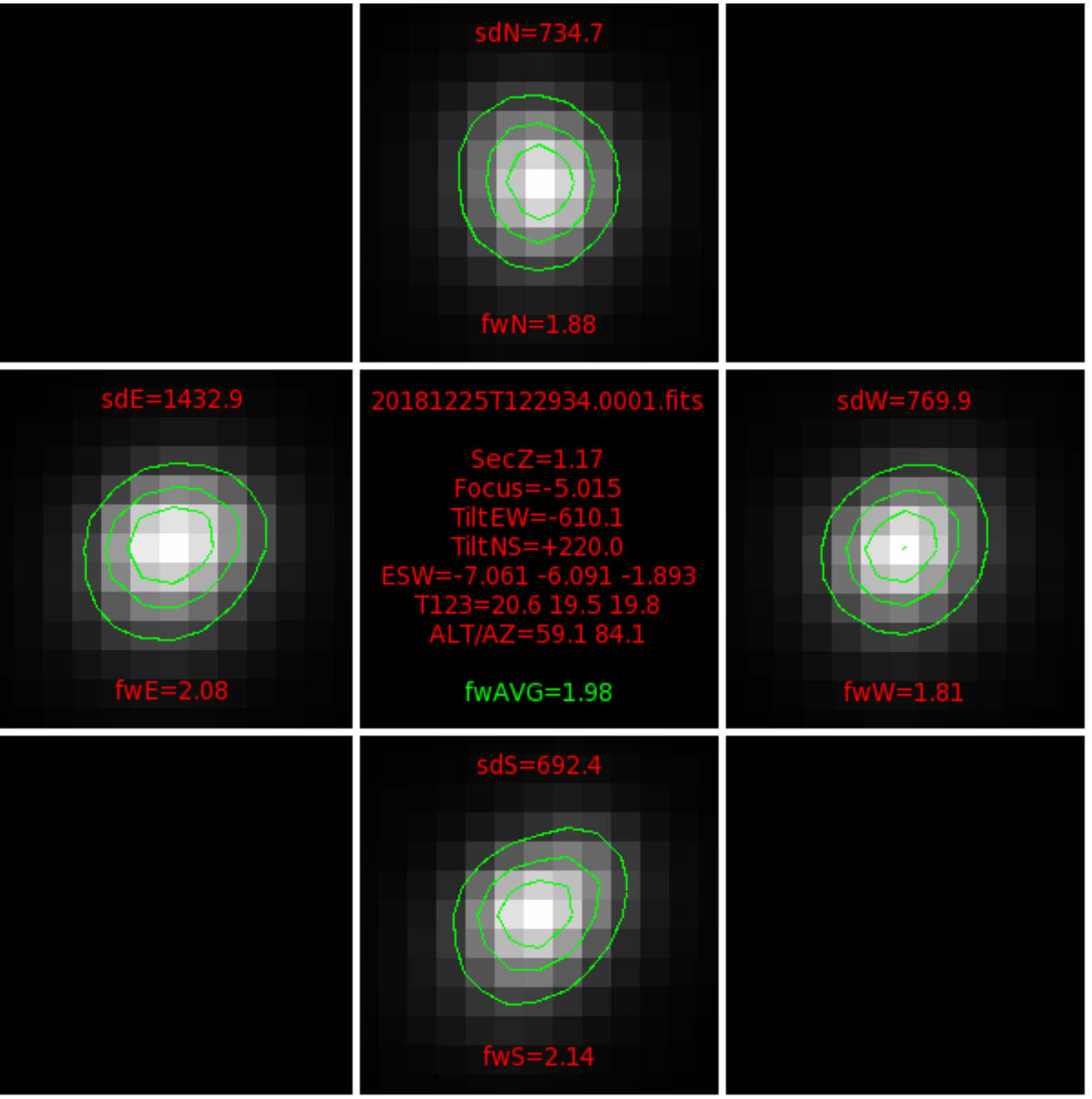

sdN=90.5
fwN=2.18
sdE=180.8
fwE=2.41
20181225T122425.0001.fits
SecZ=1.18
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.5 19.5 19.6
ALT/AZ=58.0 83.6
fwAVG=2.20
sdW=85.1
fwW=1.95
sdS=56.9
fwS=2.28
0 0 0 0 0 0 0 0 0

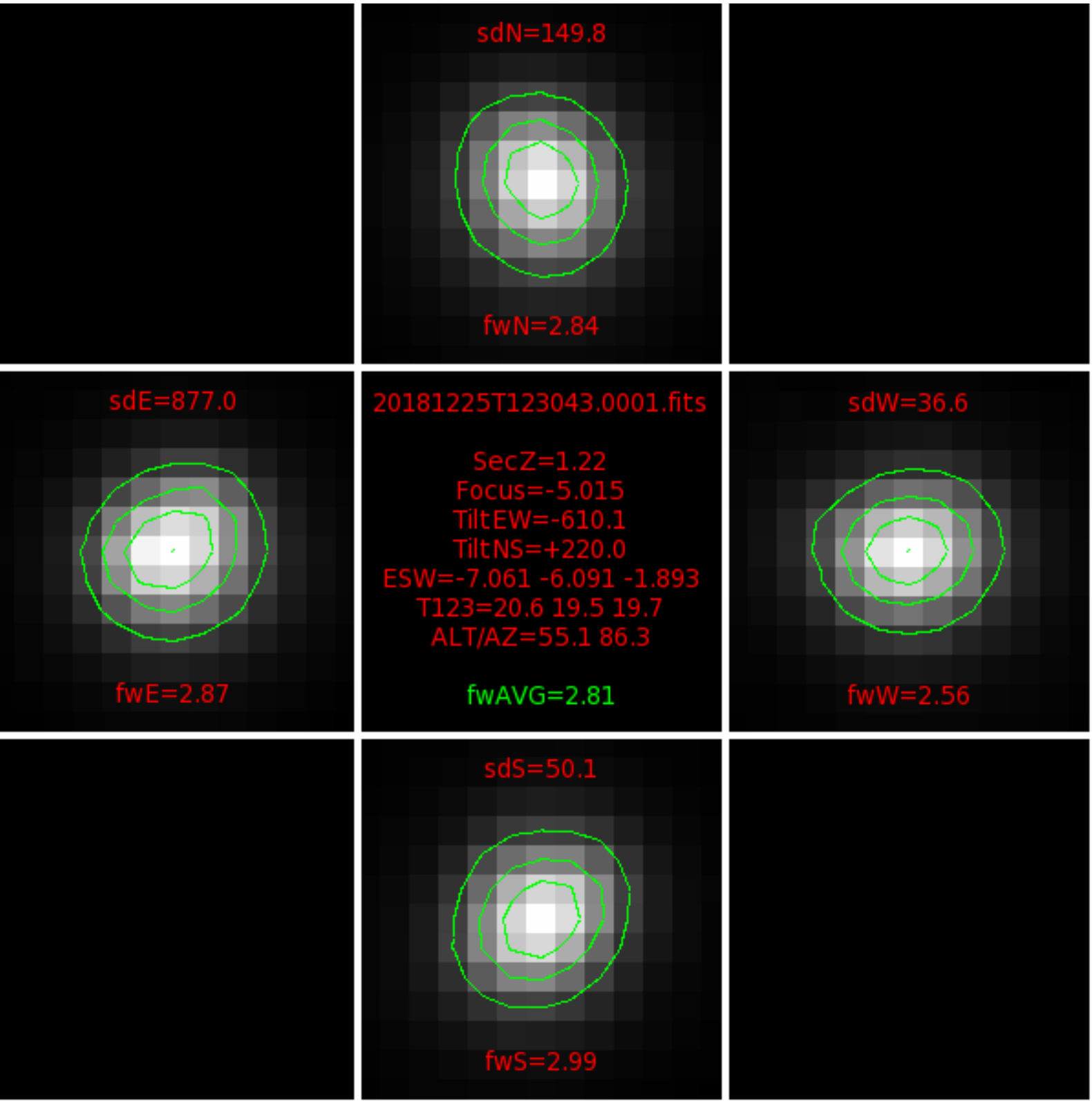

sdN=317.5
fwN=2.18
sdE=537.8
fwE=2.40
20181225T122515.0001.fits
SecZ=1.18
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.5 19.6 19.8
ALT/AZ=58.1 83.7
fwAVG=2.25
sdW=330.6
fwW=2.07
sdS=198.1
fwS=2.35
0 0 0 0 0 0 0 0 0

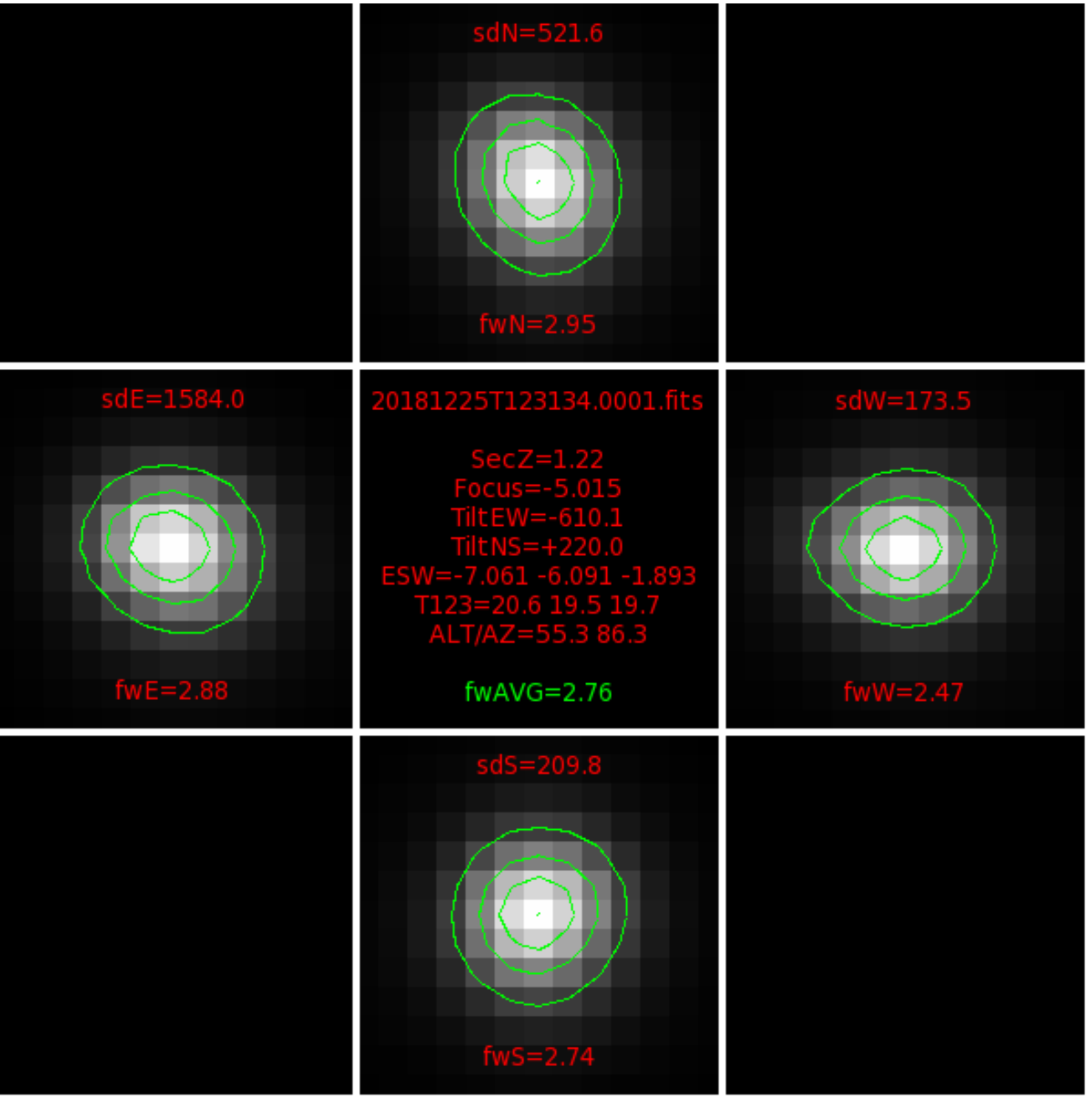

sdN=118.2
fwN=2.22
sdE=334.2
fwE=2.42
20181225T122633.0001.fits
SecZ=1.17
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.5 19.6 19.7
ALT/AZ=58.4 83.8
fwAVG=2.26
sdW=111.5
fwW=1.96
sdS=79.6
fwS=2.43
0 0 0 0 0 0 0 0 0

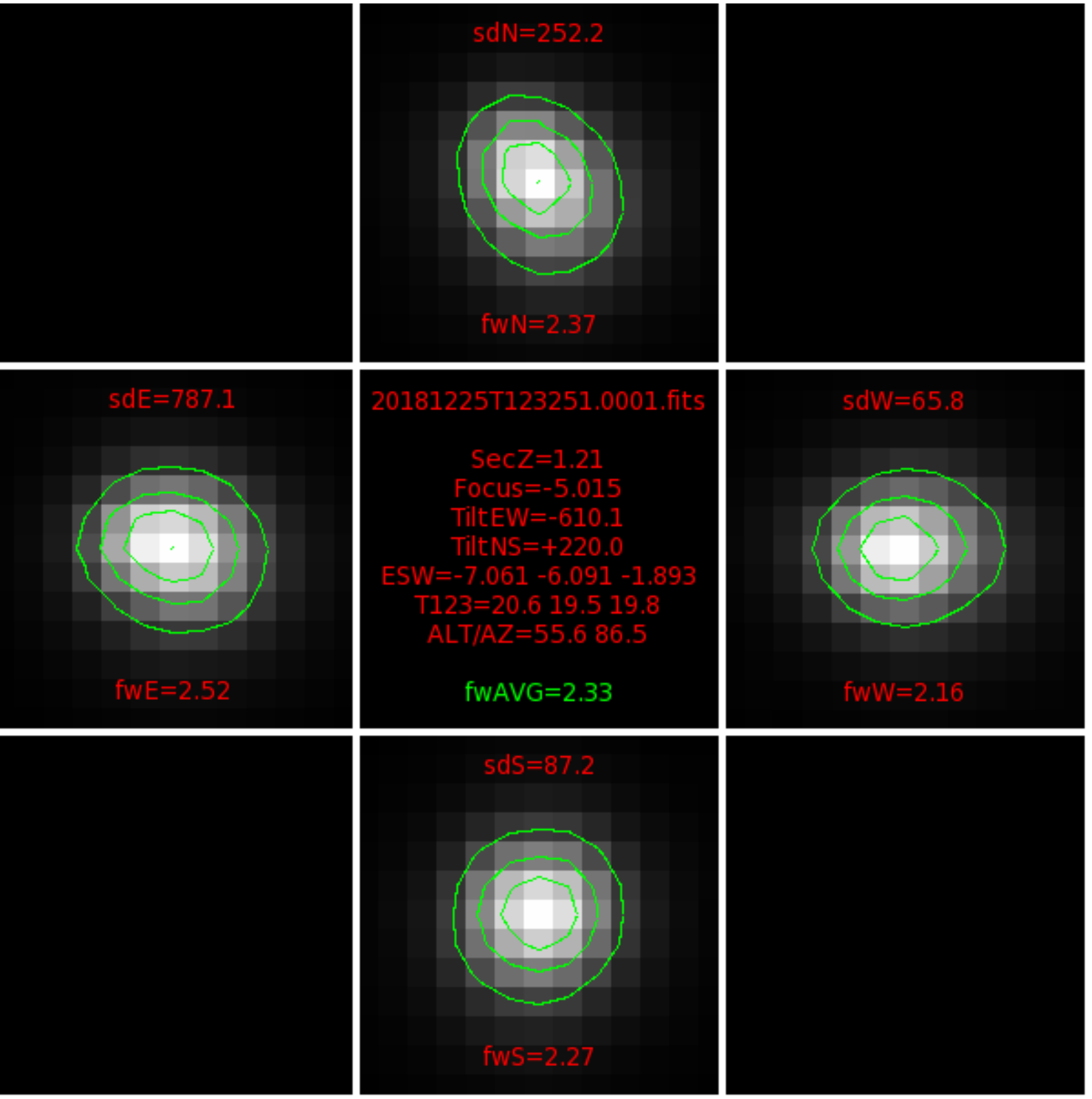

sdN=427.0
fwN=2.37
sdE=847.1
fwE=2.37
20181225T122723.0001.fits
SecZ=1.17
Focus=-5.008
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.054 -6.084 -1.886
T123=20.6 19.6 19.7
ALT/AZ=58.6 83.9
fwAVG=2.32
sdW=438.9
fwW=2.19
sdS=338.1
fwS=2.35
0 0 0 0 0 0 0 0 0

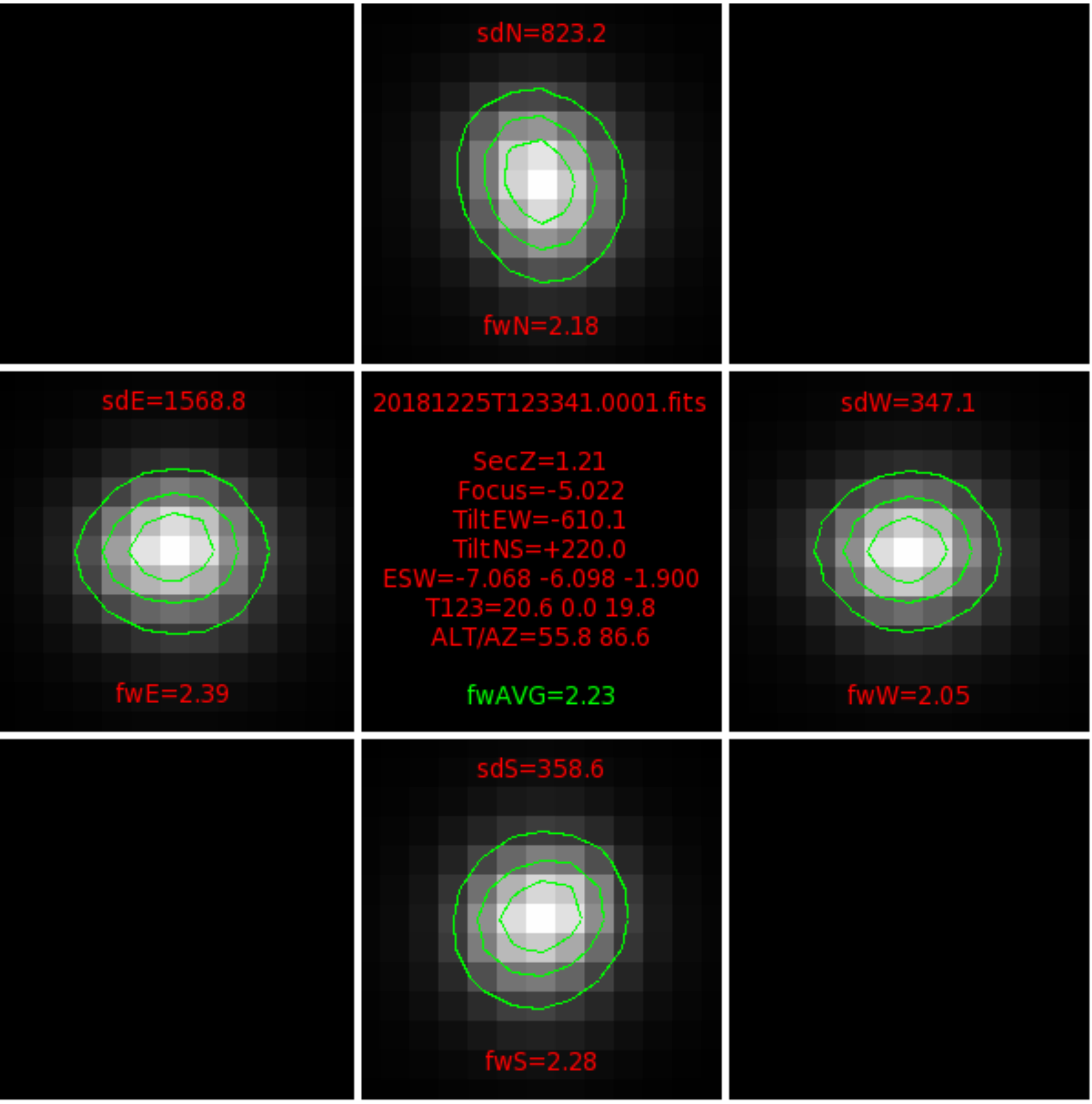

sdN=250.7
fwN=1.84
sdE=694.4
fwE=2.01
20181225T122844.0001.fits
SecZ=1.17
Focus=-5.015
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.061 -6.091 -1.893
T123=20.6 0.0 19.7
ALT/AZ=58.9 84.0
fwAVG=1.89
sdW=233.6
fwW=1.77
sdS=217.5
fwS=1.95
0 0 0 0 0 0 0 0 0

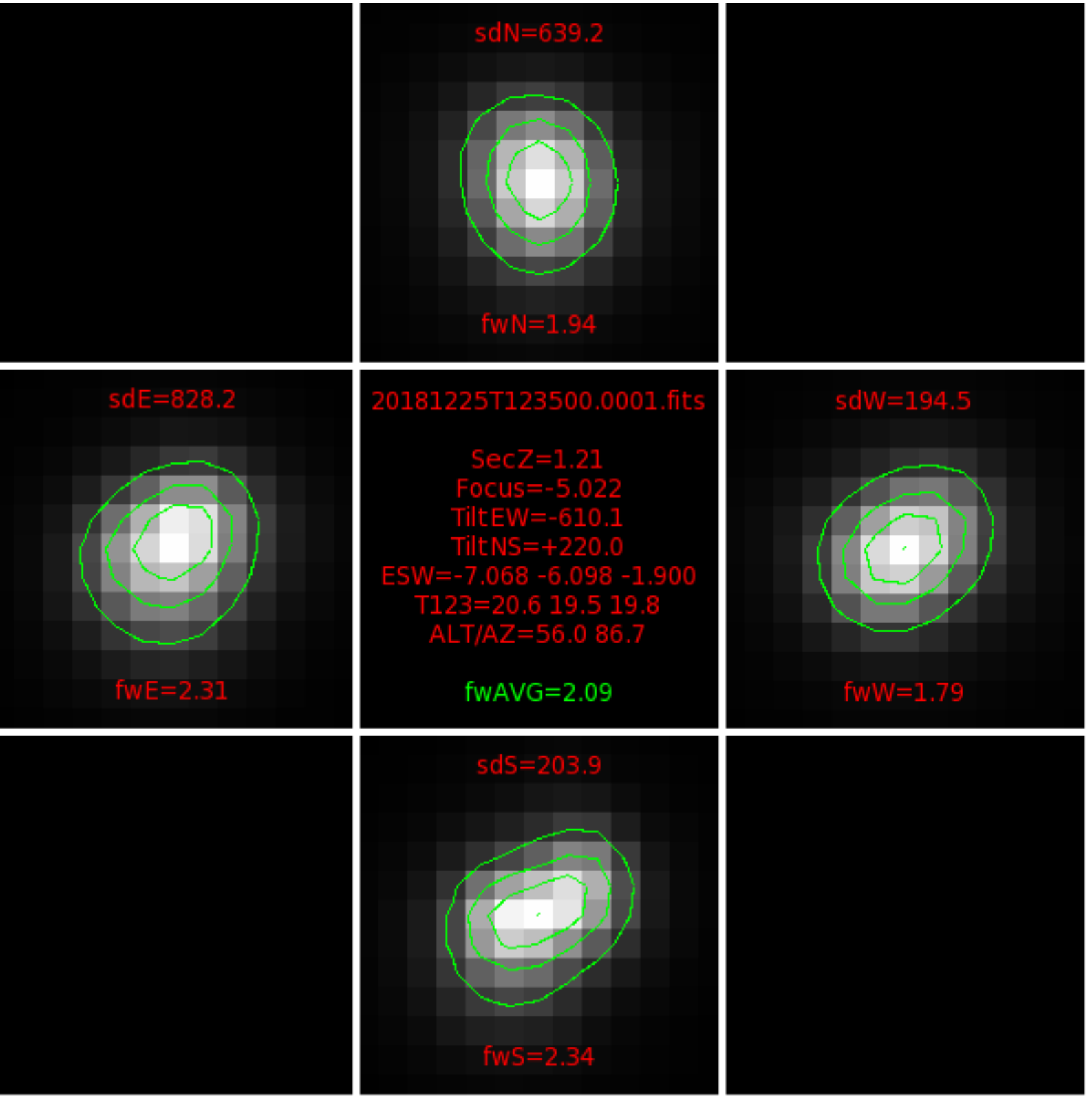

sdN=734.7
fwN=1.88
sdE=1432.9
fwE=2.08
20181225T122934.0001.fits
SecZ=1.17
Focus=-5.015
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.061 -6.091 -1.893
T123=20.6 19.5 19.8
ALT/AZ=59.1 84.1
fwAVG=1.98
sdW=769.9
fwW=1.81
sdS=692.4
fwS=2.14
0 0 0 0 0 0 0 0 0

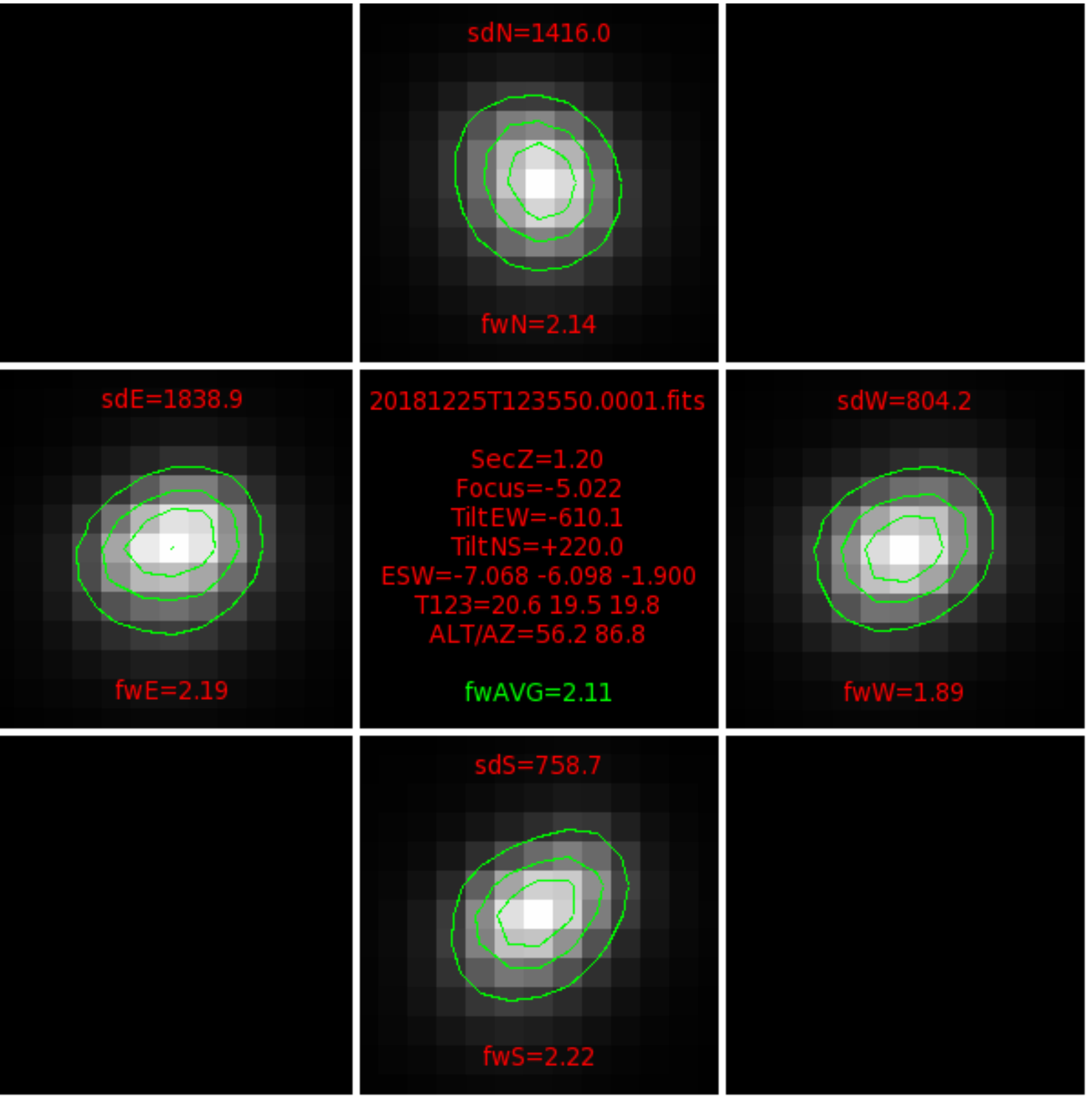

sdN=149.8
fwN=2.84
sdE=877.0
fwE=2.87
20181225T123043.0001.fits
SecZ=1.22
Focus=-5.015
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.061 -6.091 -1.893
T123=20.6 19.5 19.7
ALT/AZ=55.1 86.3
fwAVG=2.81
sdW=36.6
fwW=2.56
sdS=50.1
fwS=2.99
0 0 0 0 0 0 0 0 0

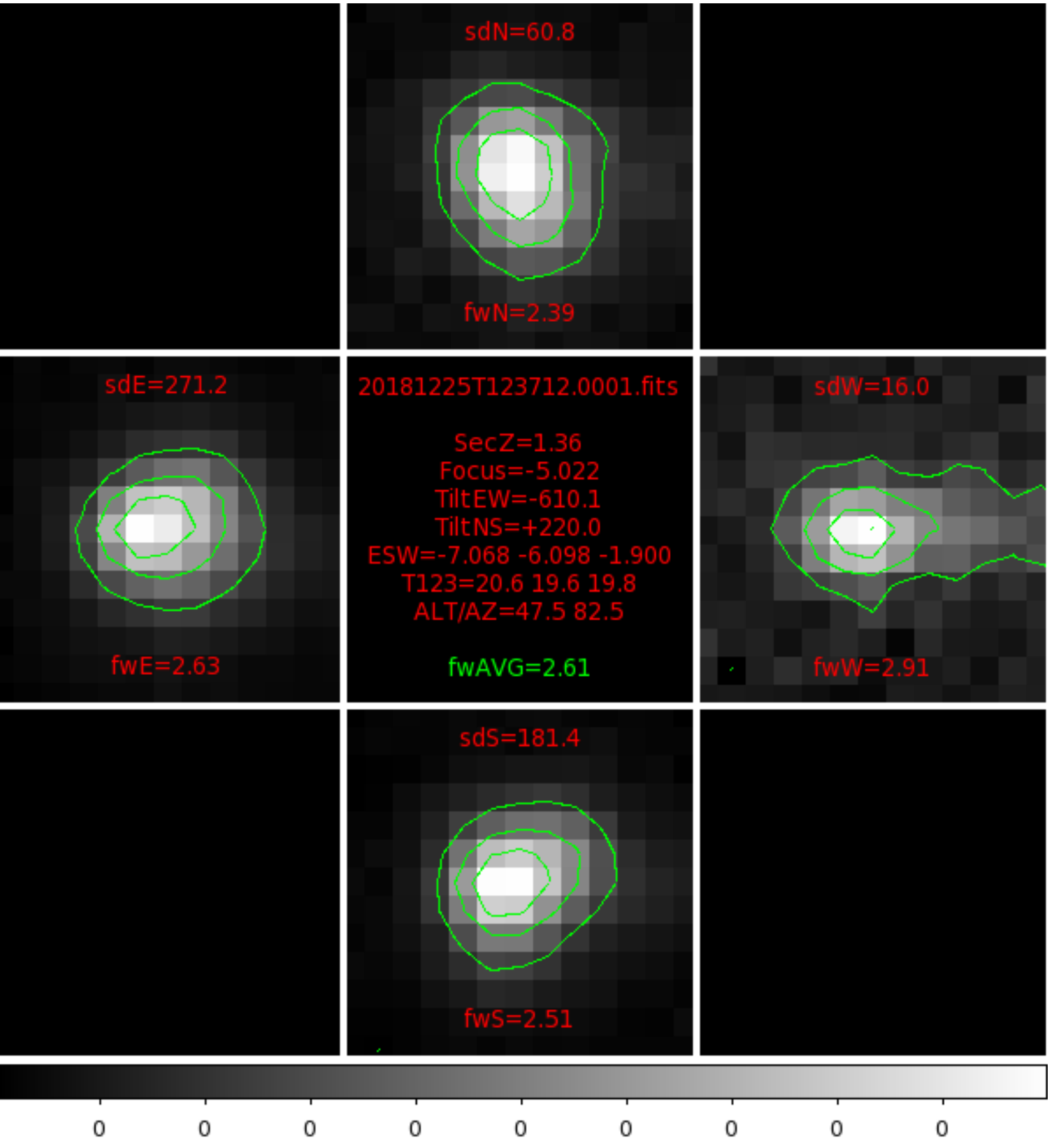

sdN=521.6
fwN=2.95
sdE=1584.0
fwE=2.88
20181225T123134.0001.fits
SecZ=1.22
Focus=-5.015
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.061 -6.091 -1.893
T123=20.6 19.5 19.7
ALT/AZ=55.3 86.3
fwAVG=2.76
sdW=173.5
fwW=2.47
sdS=209.8
fwS=2.74
0 0 0 0 0 0 0 0 0

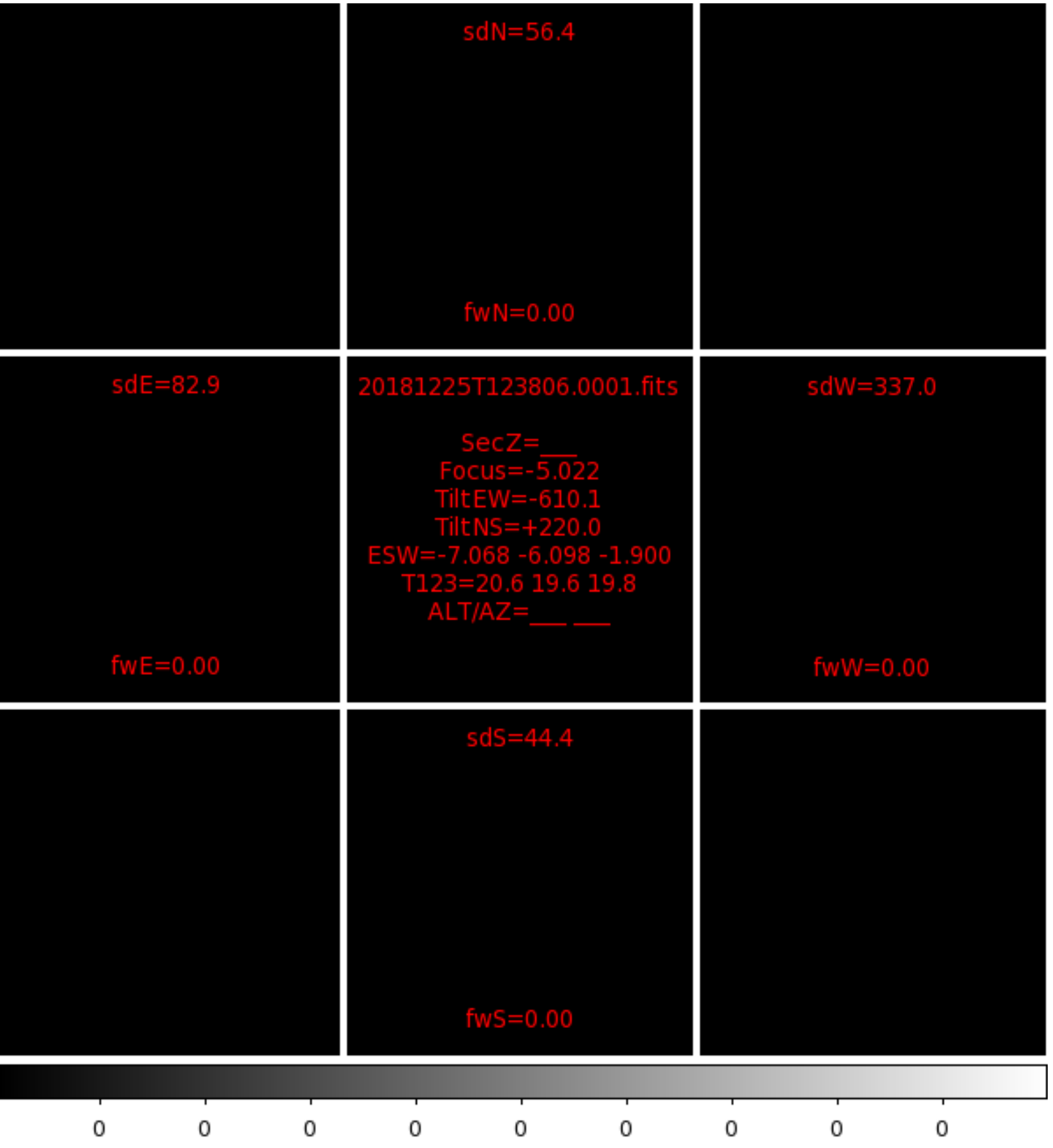

sdN=252.2
fwN=2.37
sdE=787.1
fwE=2.52
20181225T123251.0001.fits
SecZ=1.21
Focus=-5.015
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.061 -6.091 -1.893
T123=20.6 19.5 19.8
ALT/AZ=55.6 86.5
fwAVG=2.33
sdW=65.8
fwW=2.16
sdS=87.2
fwS=2.27
0 0 0 0 0 0 0 0 0

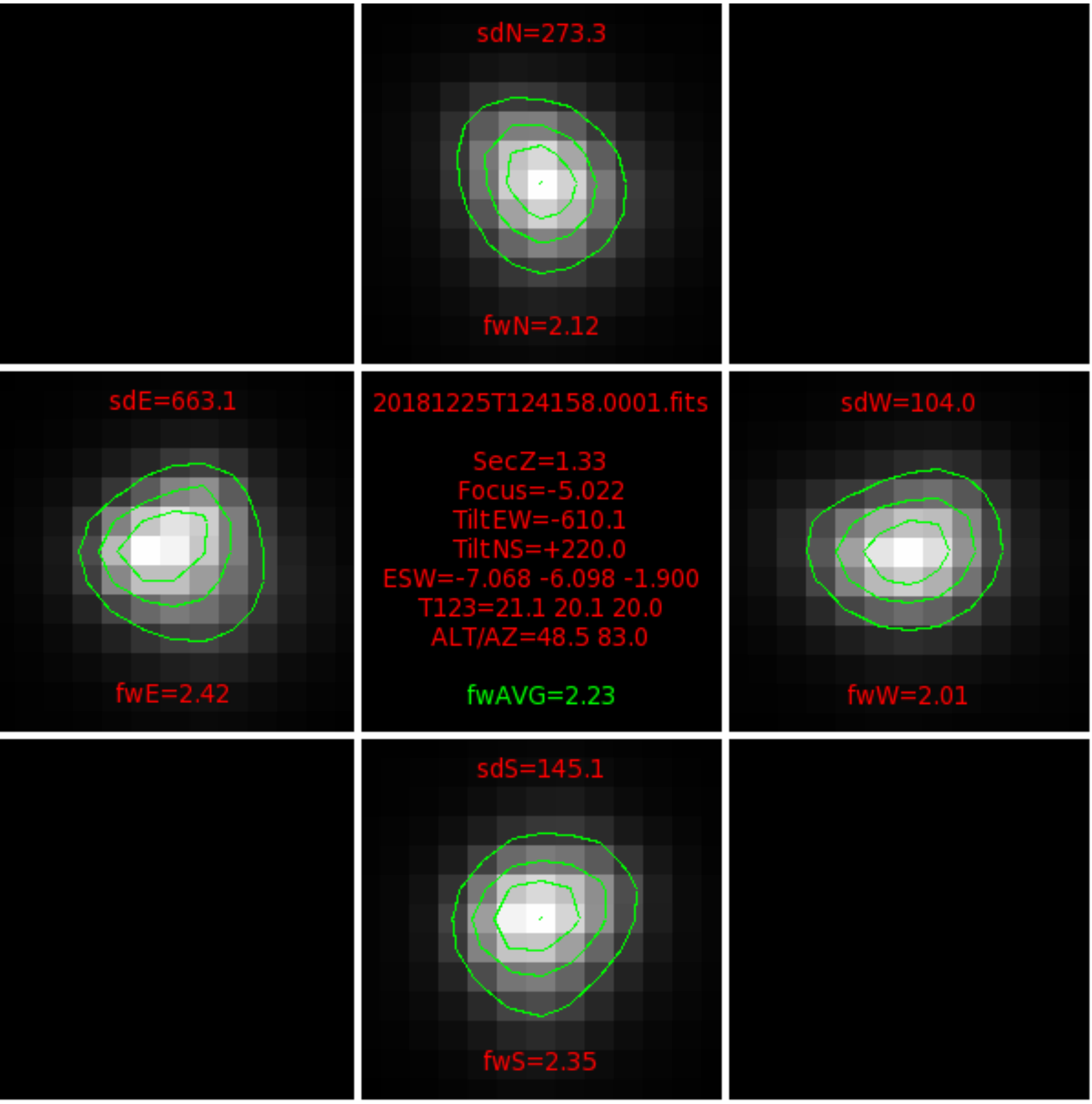

sdN=823.2
fwN=2.18
sdE=1568.8
fwE=2.39
20181225T123341.0001.fits
SecZ=1.21
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.6 0.0 19.8
ALT/AZ=55.8 86.6
fwAVG=2.23
sdW=347.1
fwW=2.05
sdS=358.6
fwS=2.28
0 0 0 0 0 0 0 0 0

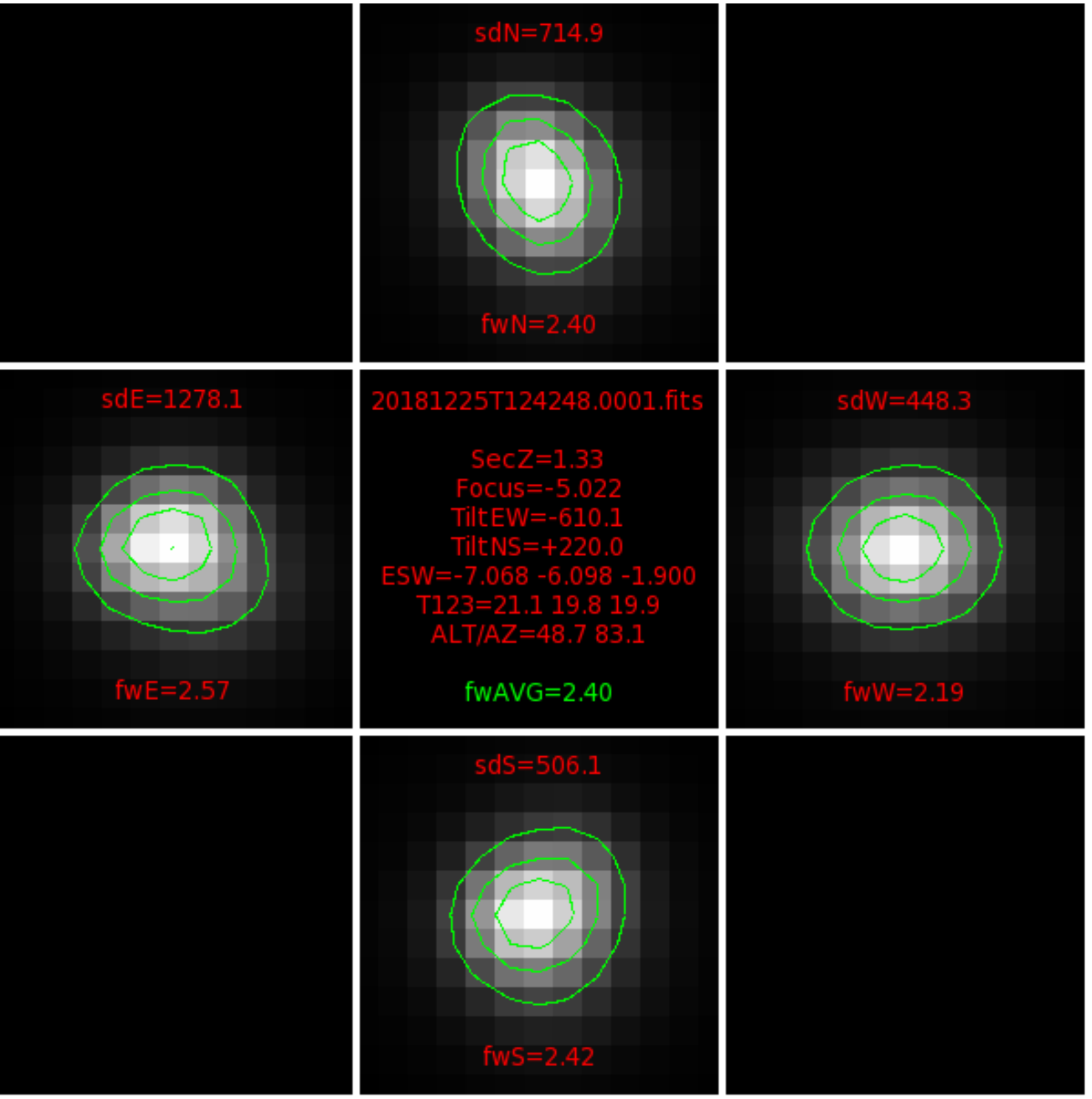

sdN=639.2
fwN=1.94
sdE=828.2
fwE=2.31
20181225T123500.0001.fits
SecZ=1.21
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.6 19.5 19.8
ALT/AZ=56.0 86.7
fwAVG=2.09
sdW=194.5
fwW=1.79
sdS=203.9
fwS=2.34
0 0 0 0 0 0 0 0 0

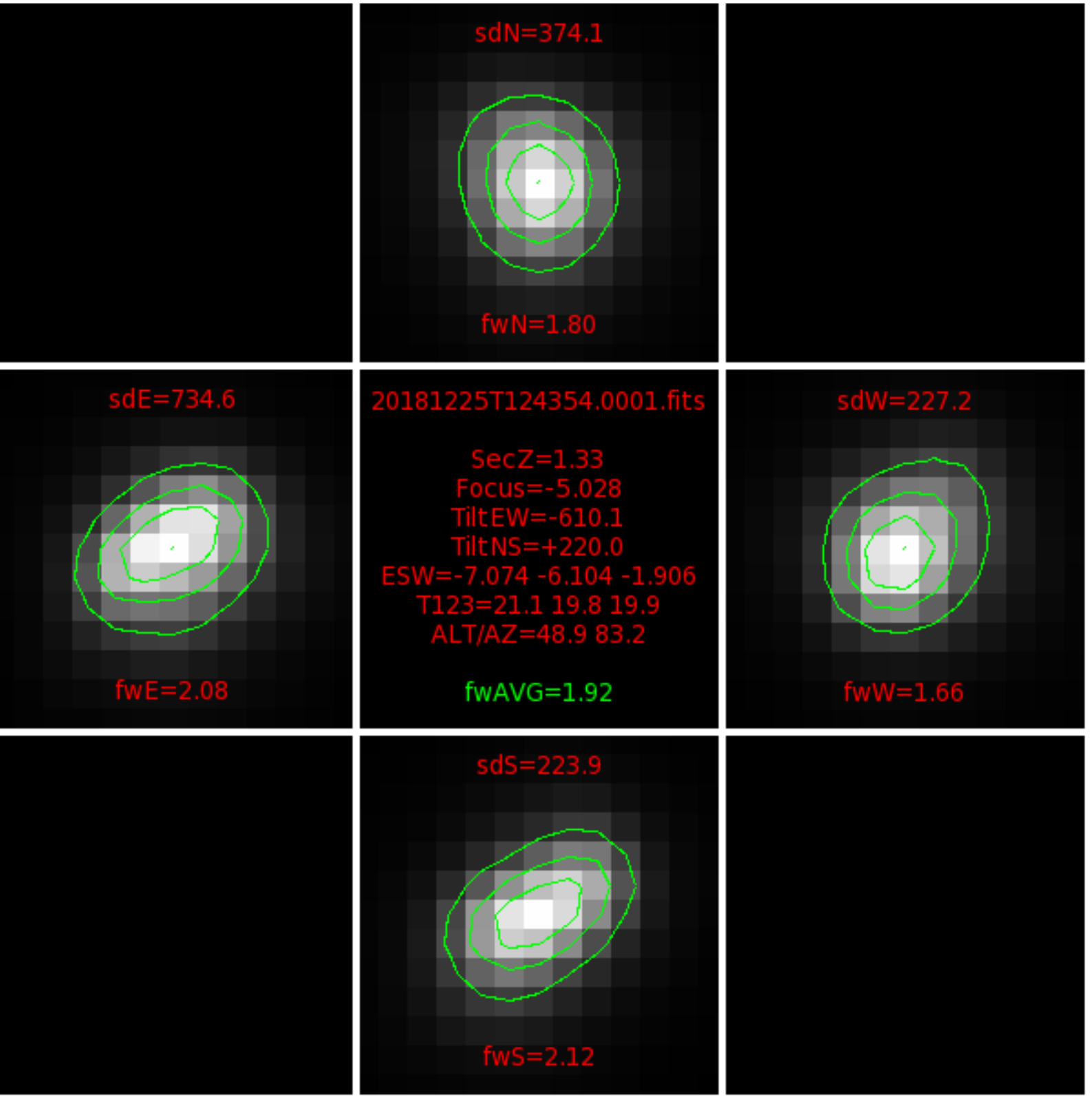

sdN=1416.0
fwN=2.14
sdE=1838.9
fwE=2.19
20181225T123550.0001.fits
SecZ=1.20
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.6 19.5 19.8
ALT/AZ=56.2 86.8
fwAVG=2.11
sdW=804.2
fwW=1.89
sdS=758.7
fwS=2.22
0 0 0 0 0 0 0 0 0

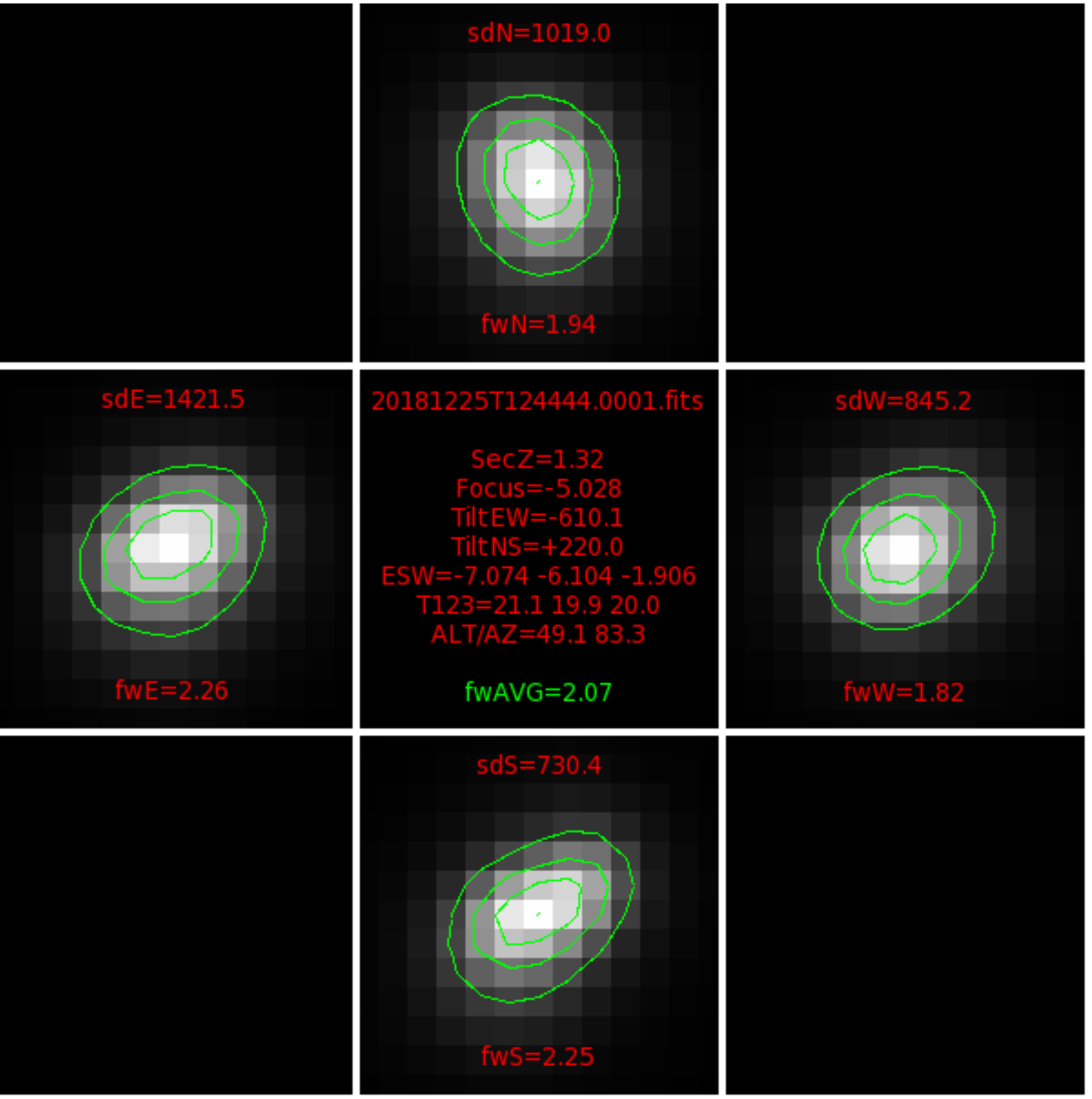

sdN=60.8
fwN=2.39
sdE=271.2
fwE=2.63
20181225T123712.0001.fits
SecZ=1.36
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.6 19.6 19.8
ALT/AZ=47.5 82.5
fwAVG=2.61
sdW=16.0
fwW=2.91
sdS=181.4
fwS=2.51
0 0 0 0 0 0 0 0 0

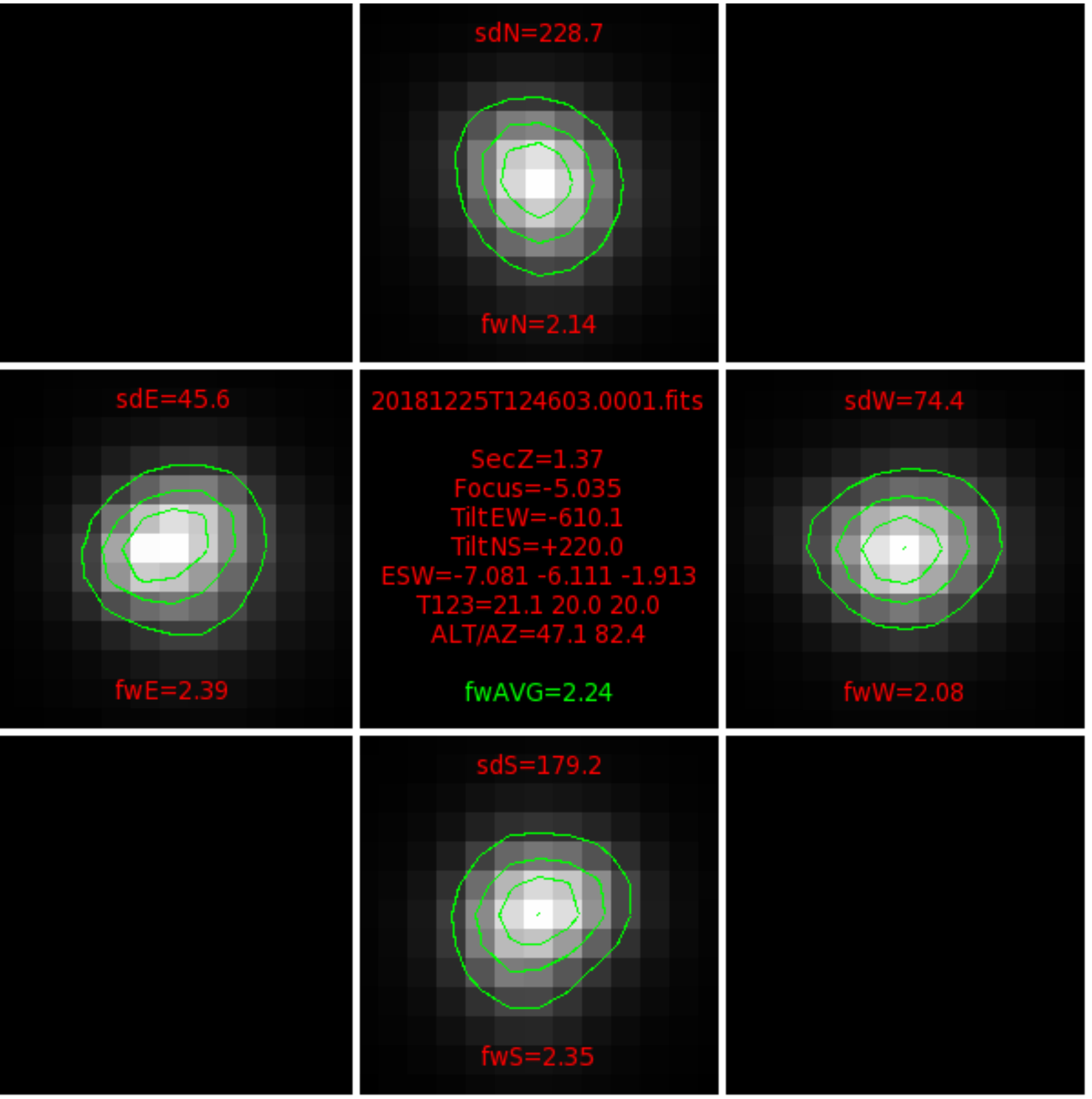

sdN=56.4
fwN=0.00
sdE=82.9
fwE=0.00
20181225T123806.0001.fits
SecZ=___
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=20.6 19.6 19.8
ALT/AZ=___ ___
sdW=337.0
fwW=0.00
sdS=44.4
fwS=0.00
0 0 0 0 0 0 0 0 0

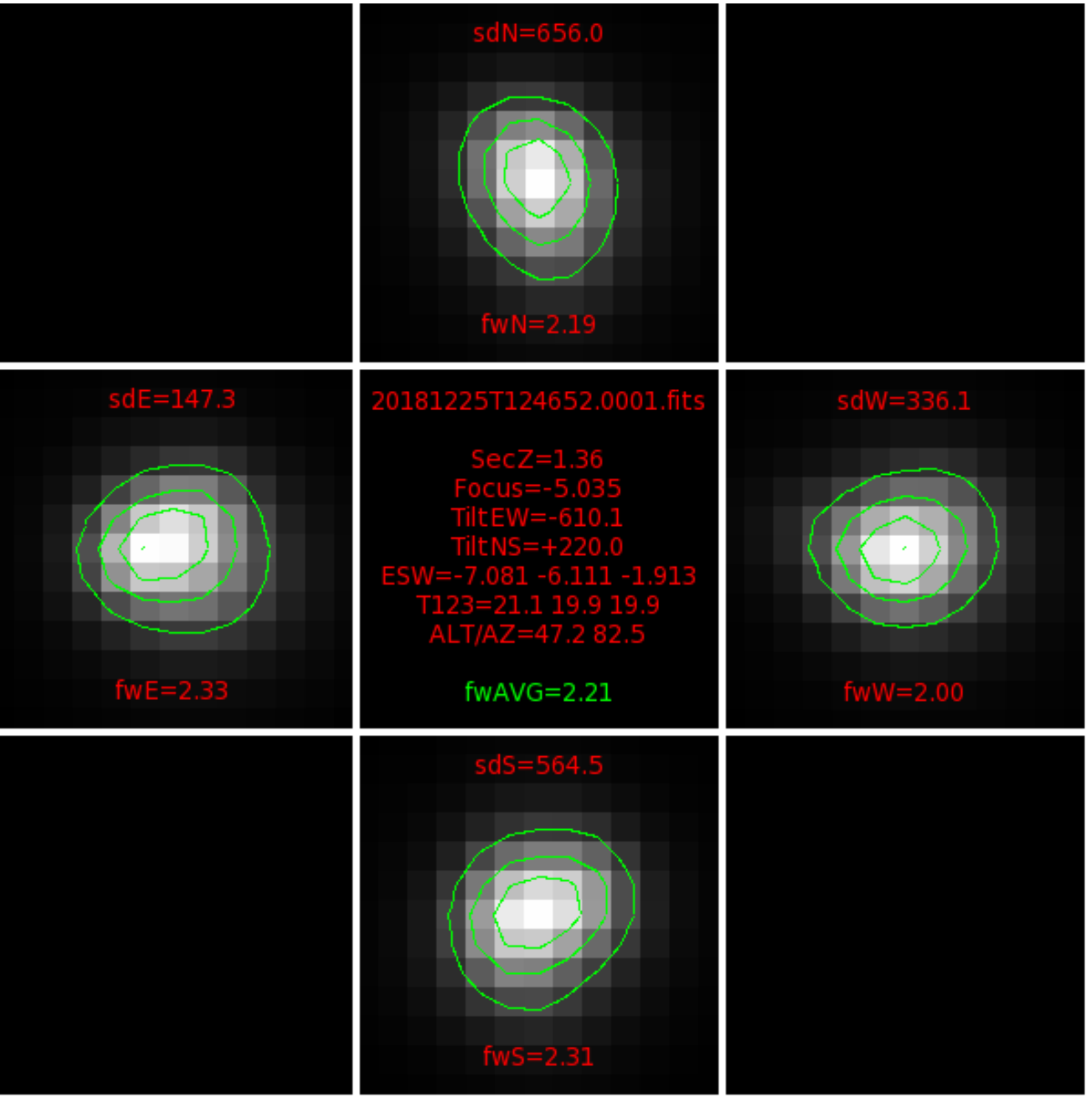

sdN=273.3
fwN=2.12
sdE=663.1
fwE=2.42
20181225T124158.0001.fits
SecZ=1.33
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=21.1 20.1 20.0
ALT/AZ=48.5 83.0
fwAVG=2.23
sdW=104.0
fwW=2.01
sdS=145.1
fwS=2.35
0 0 0 0 0 0 0 0 0

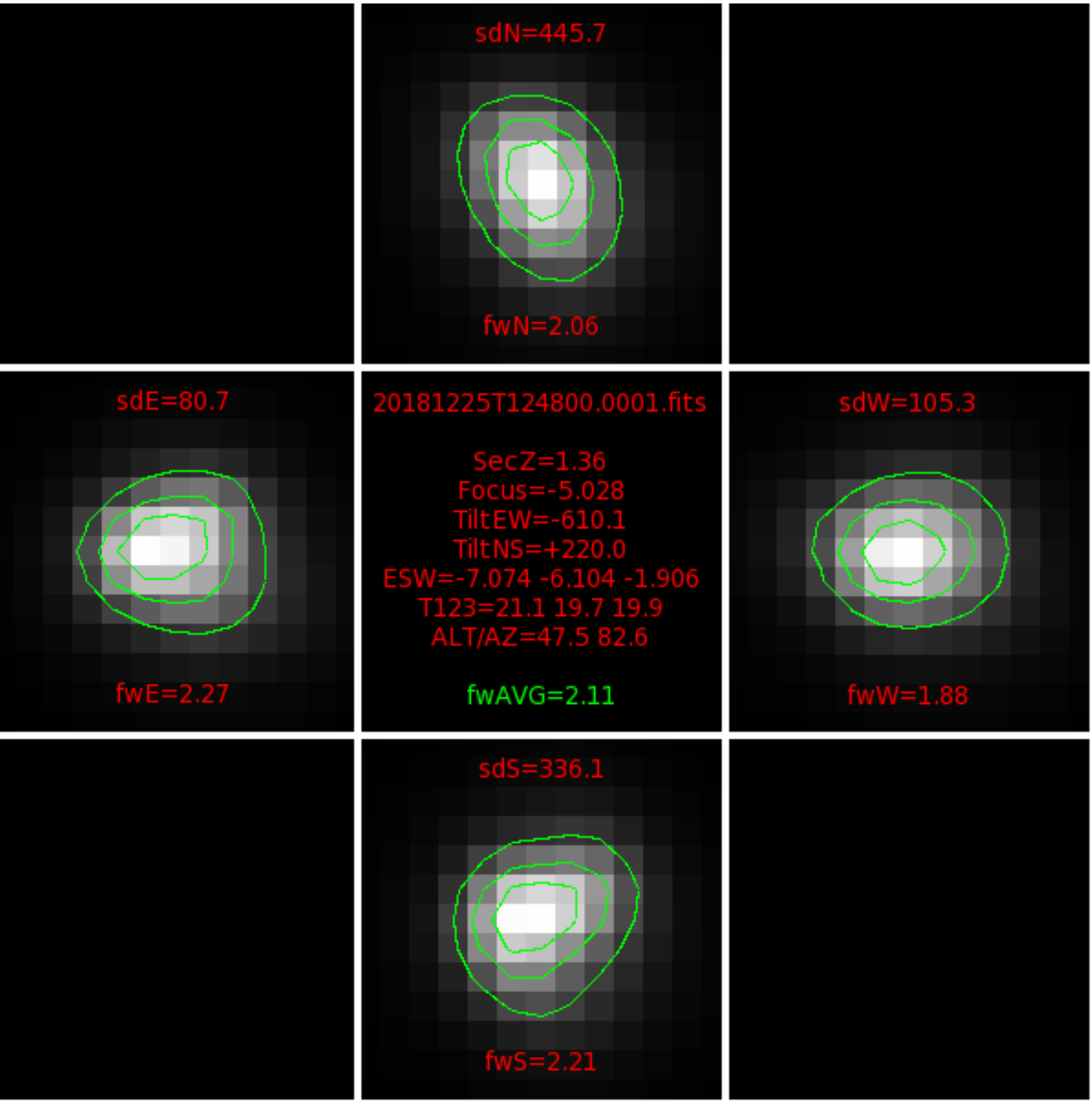

sdN=714.9
fwN=2.40
sdE=1278.1
fwE=2.57
20181225T124248.0001.fits
SecZ=1.33
Focus=-5.022
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.068 -6.098 -1.900
T123=21.1 19.8 19.9
ALT/AZ=48.7 83.1
fwAVG=2.40
sdW=448.3
fwW=2.19
sdS=506.1
fwS=2.42
0 0 0 0 0 0 0 0 0

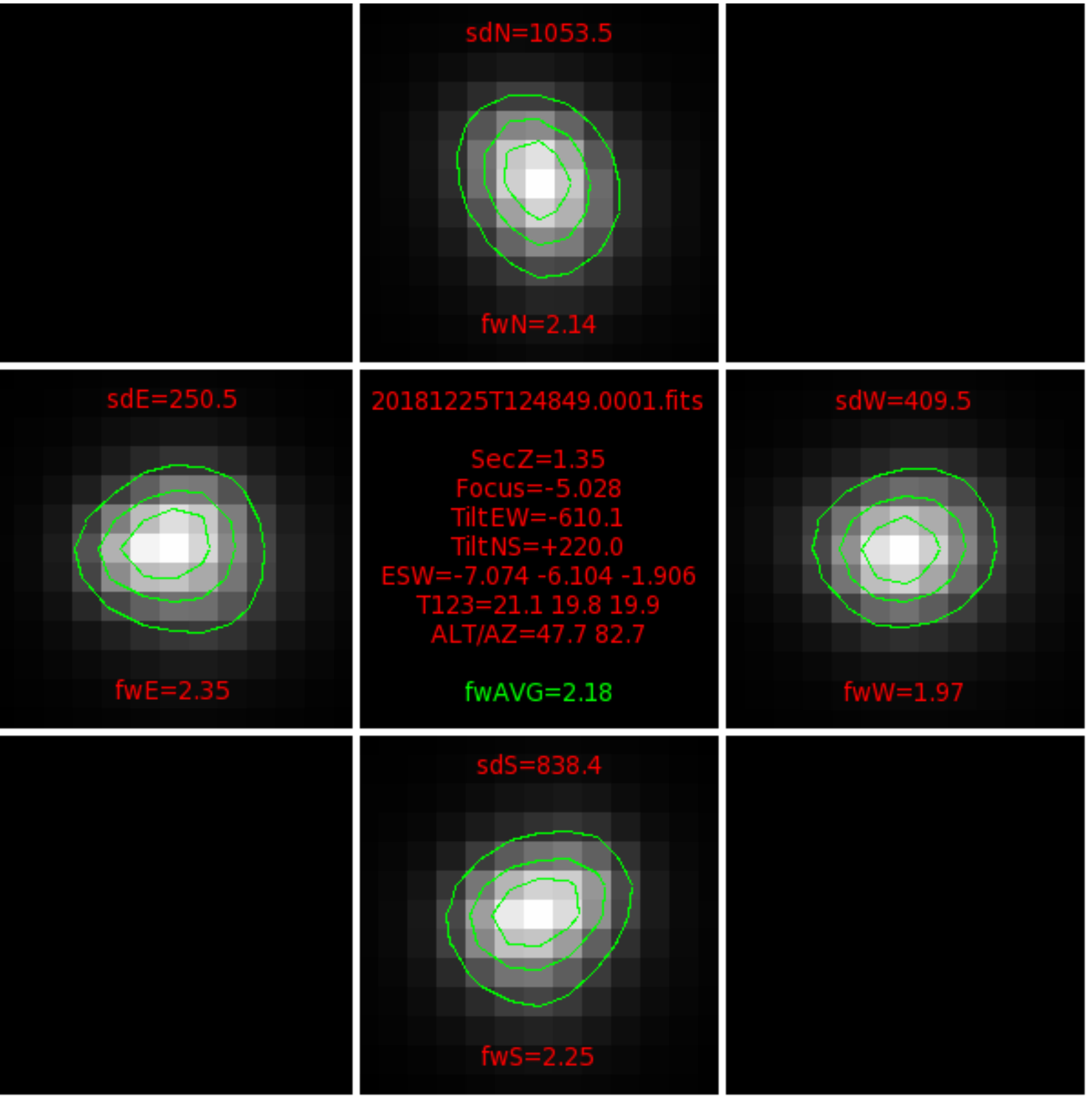

sdN=374.1
fwN=1.80
sdE=734.6
fwE=2.08
20181225T124354.0001.fits
SecZ=1.33
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.1 19.8 19.9
ALT/AZ=48.9 83.2
fwAVG=1.92
sdW=227.2
fwW=1.66
sdS=223.9
fwS=2.12
0 0 0 0 0 0 0 0 0

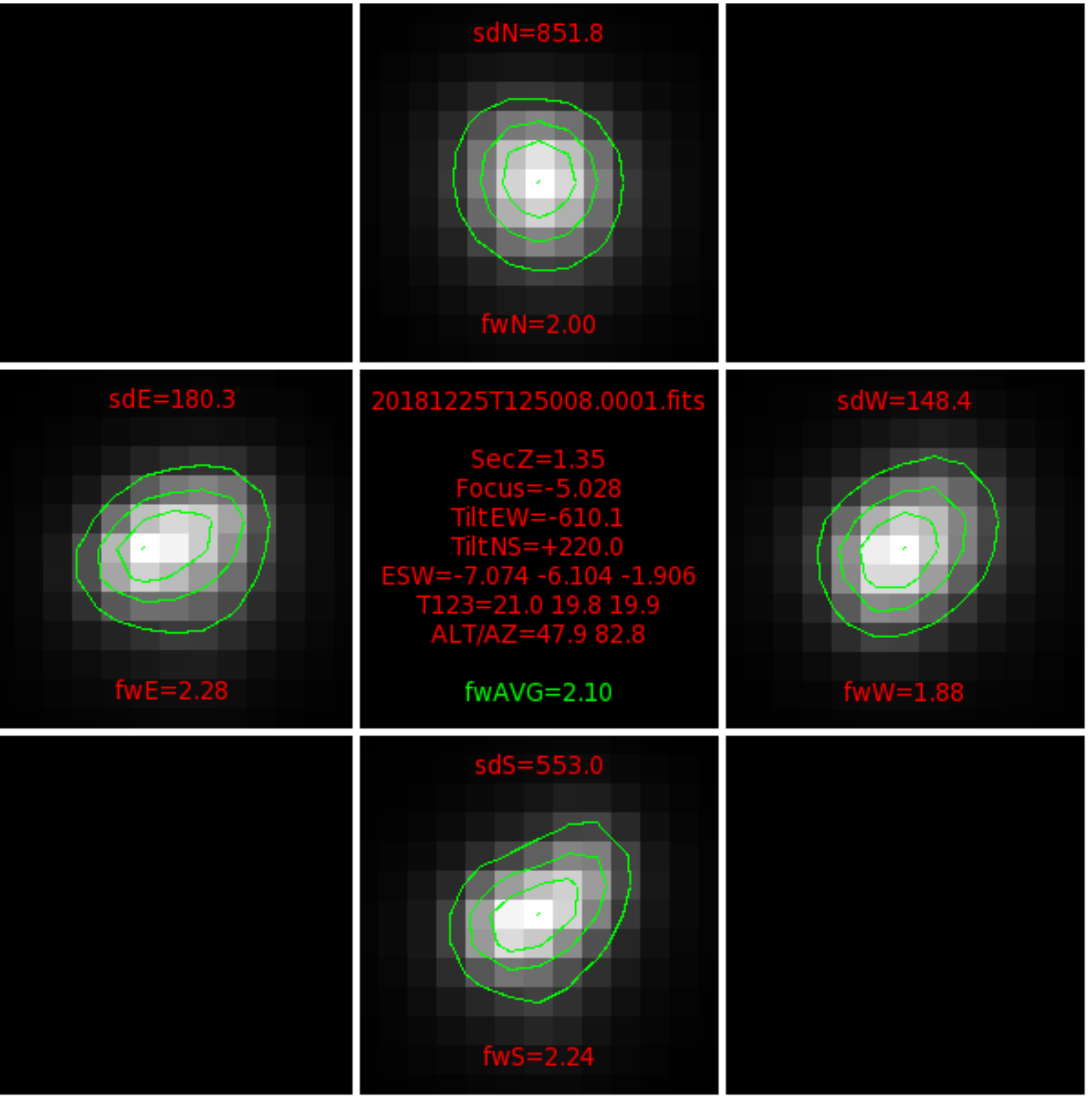

sdN=1019.0
fwN=1.94
sdE=1421.5
fwE=2.26
20181225T124444.0001.fits
SecZ=1.32
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.1 19.9 20.0
ALT/AZ=49.1 83.3
fwAVG=2.07
sdW=845.2
fwW=1.82
sdS=730.4
fwS=2.25
0 0 0 0 0 0 0 0 0

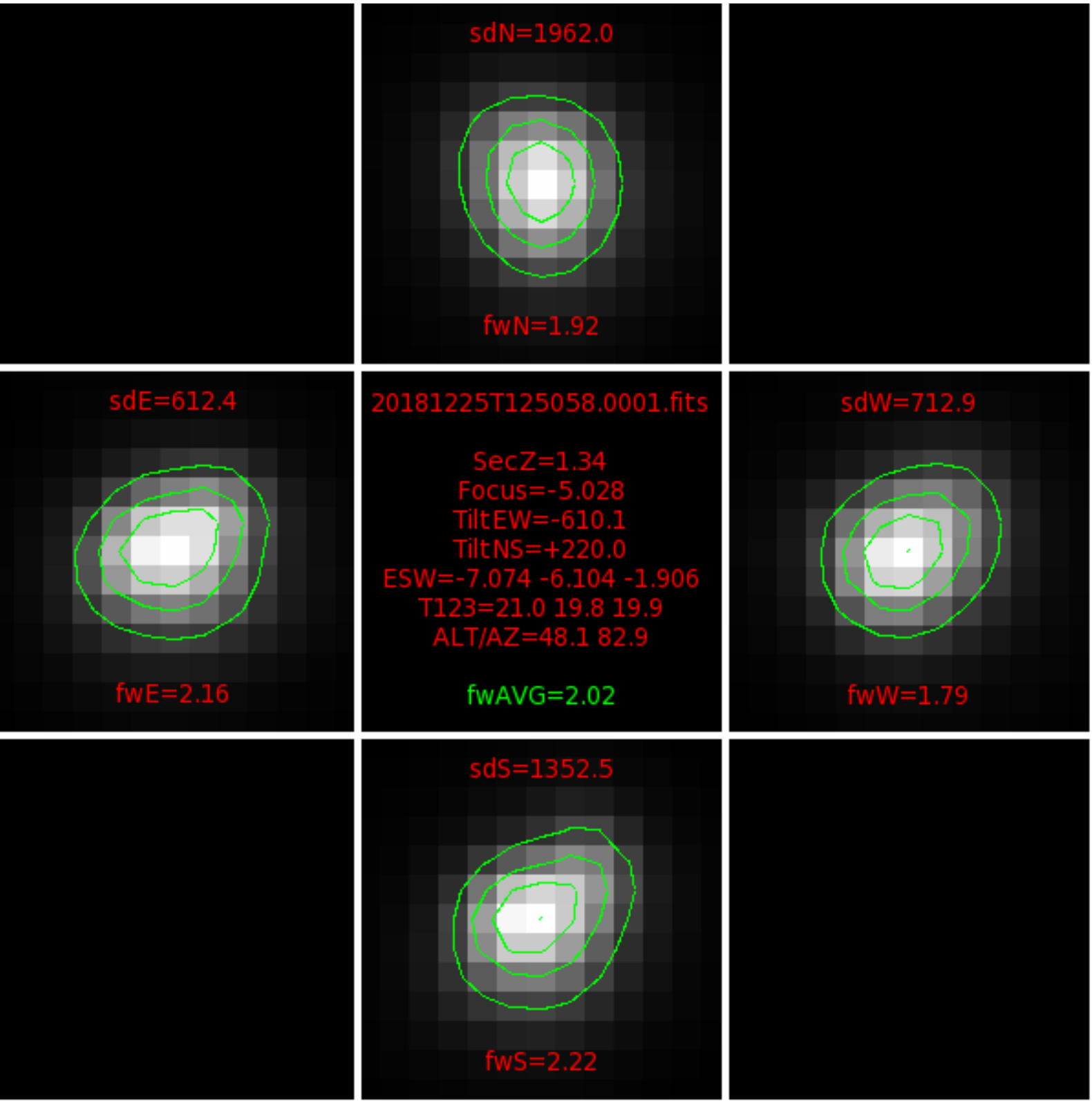

sdN=228.7
fwN=2.14
sdE=45.6
fwE=2.39
20181225T124603.0001.fits
SecZ=1.37
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=21.1 20.0 20.0
ALT/AZ=47.1 82.4
fwAVG=2.24
sdW=74.4
fwW=2.08
sdS=179.2
fwS=2.35
0 0 0 0 0 0 0 0 0

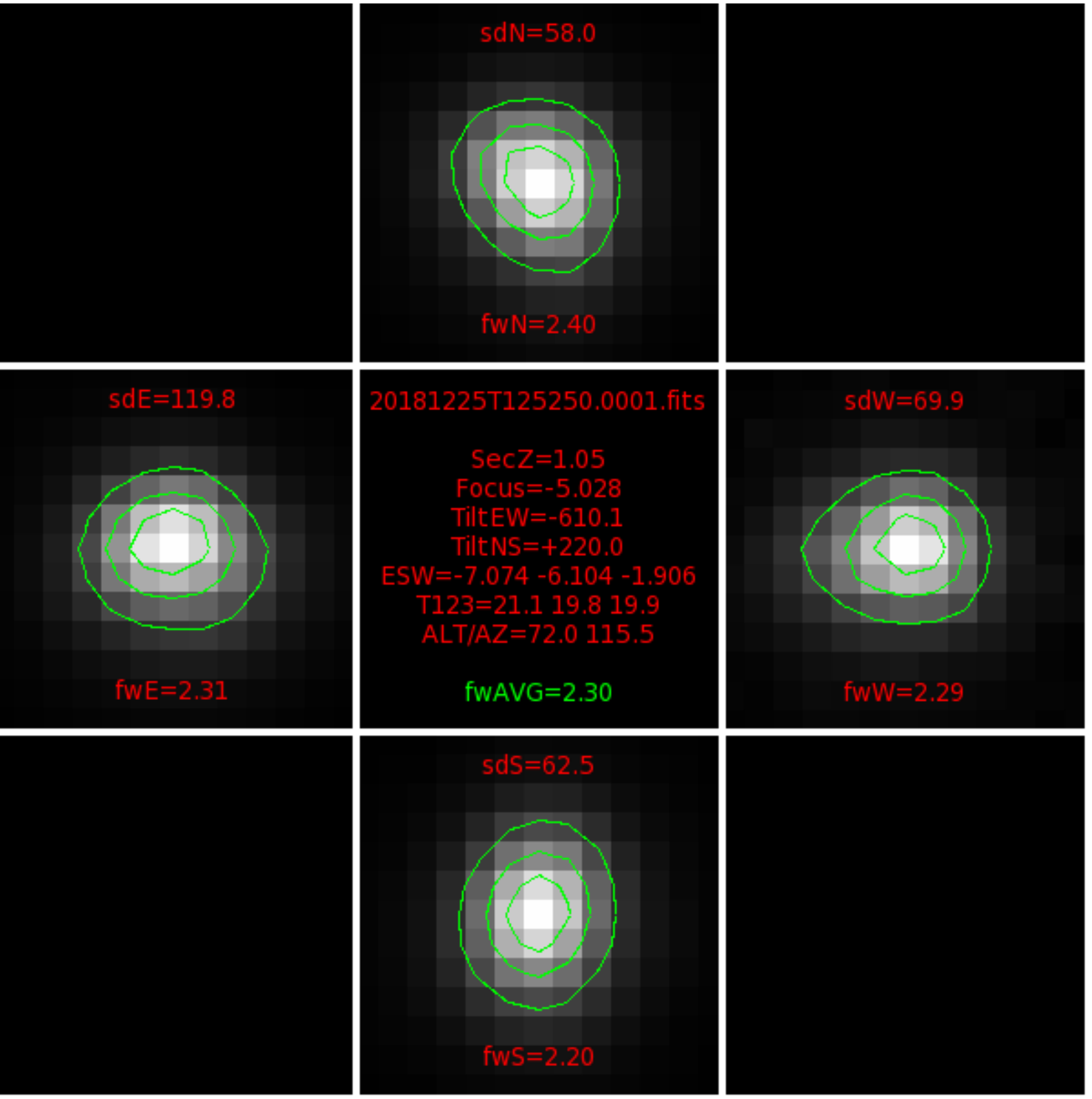

sdN=656.0
fwN=2.19
sdE=147.3
fwE=2.33
20181225T124652.0001.fits
SecZ=1.36
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=21.1 19.9 19.9
ALT/AZ=47.2 82.5
fwAVG=2.21
sdW=336.1
fwW=2.00
sdS=564.5
fwS=2.31
0 0 0 0 0 0 0 0 0

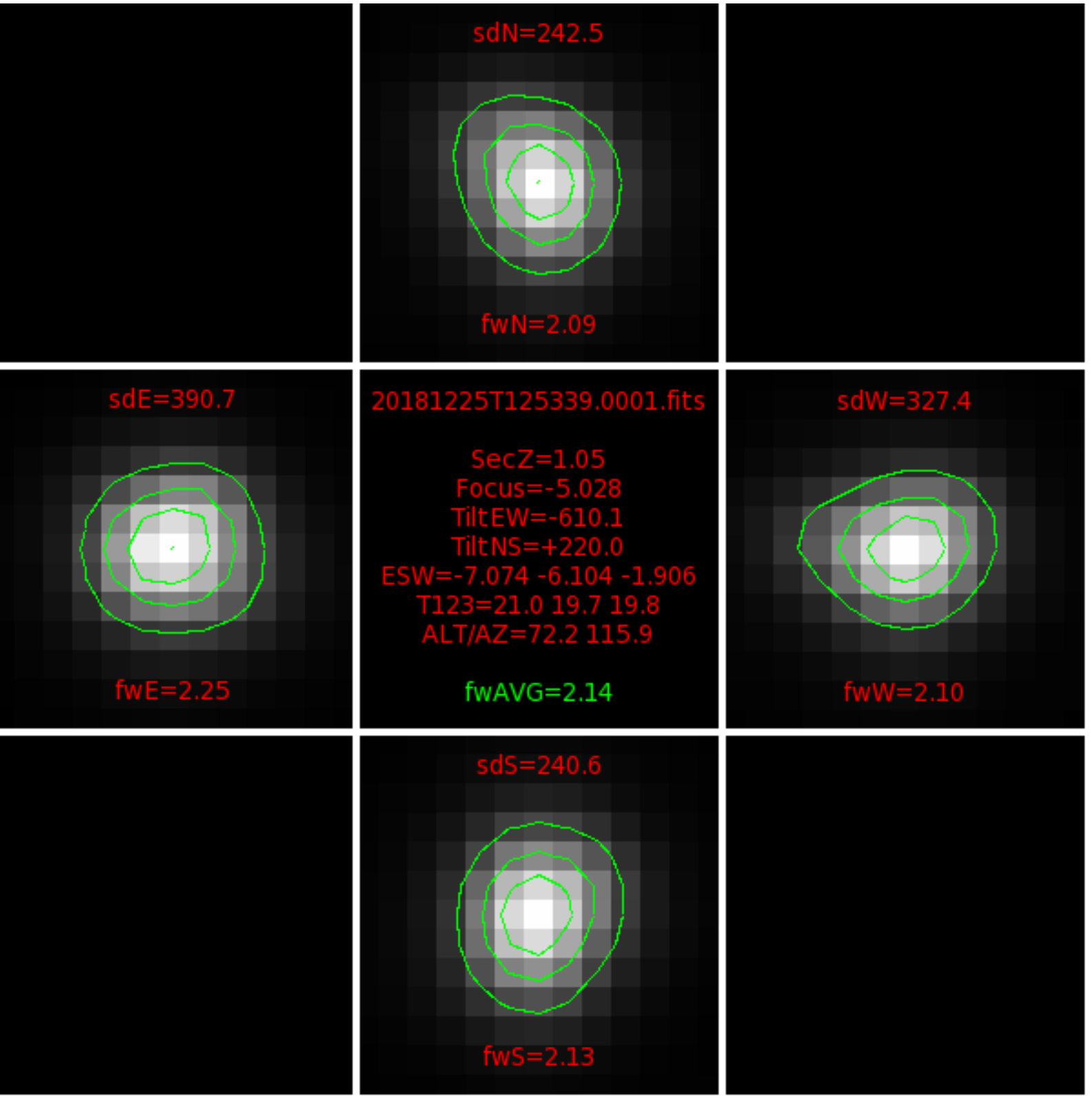

sdN=445.7
fwN=2.06
sdE=80.7
fwE=2.27
20181225T124800.0001.fits
SecZ=1.36
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.1 19.7 19.9
ALT/AZ=47.5 82.6
fwAVG=2.11
sdW=105.3
fwW=1.88
sdS=336.1
fwS=2.21
0 0 0 0 0 0 0 0 0

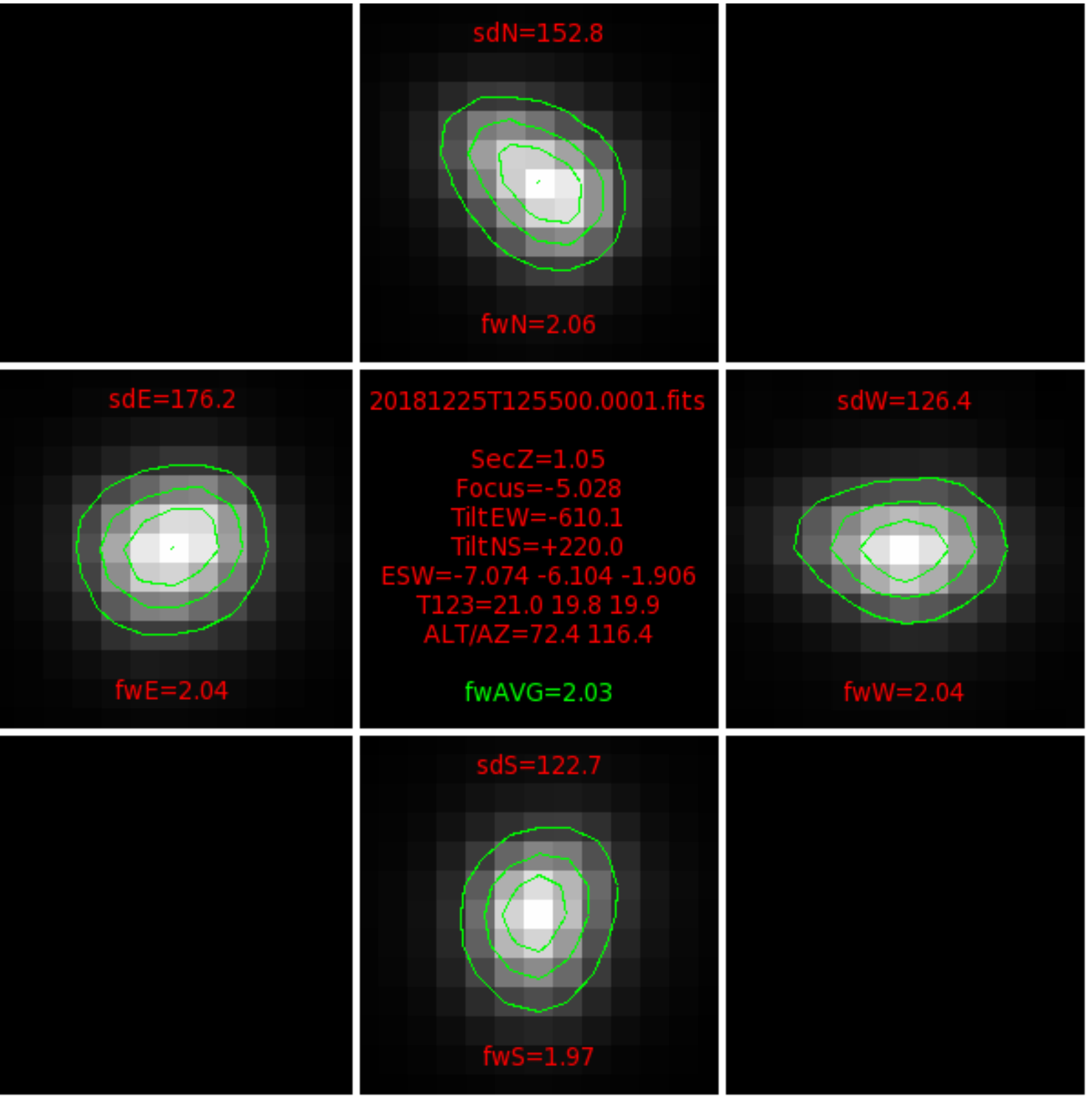

sdN=1053.5
fwN=2.14
sdE=250.5
fwE=2.35
20181225T124849.0001.fits
SecZ=1.35
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.1 19.8 19.9
ALT/AZ=47.7 82.7
fwAVG=2.18
sdW=409.5
fwW=1.97
sdS=838.4
fwS=2.25
0 0 0 0 0 0 0 0 0

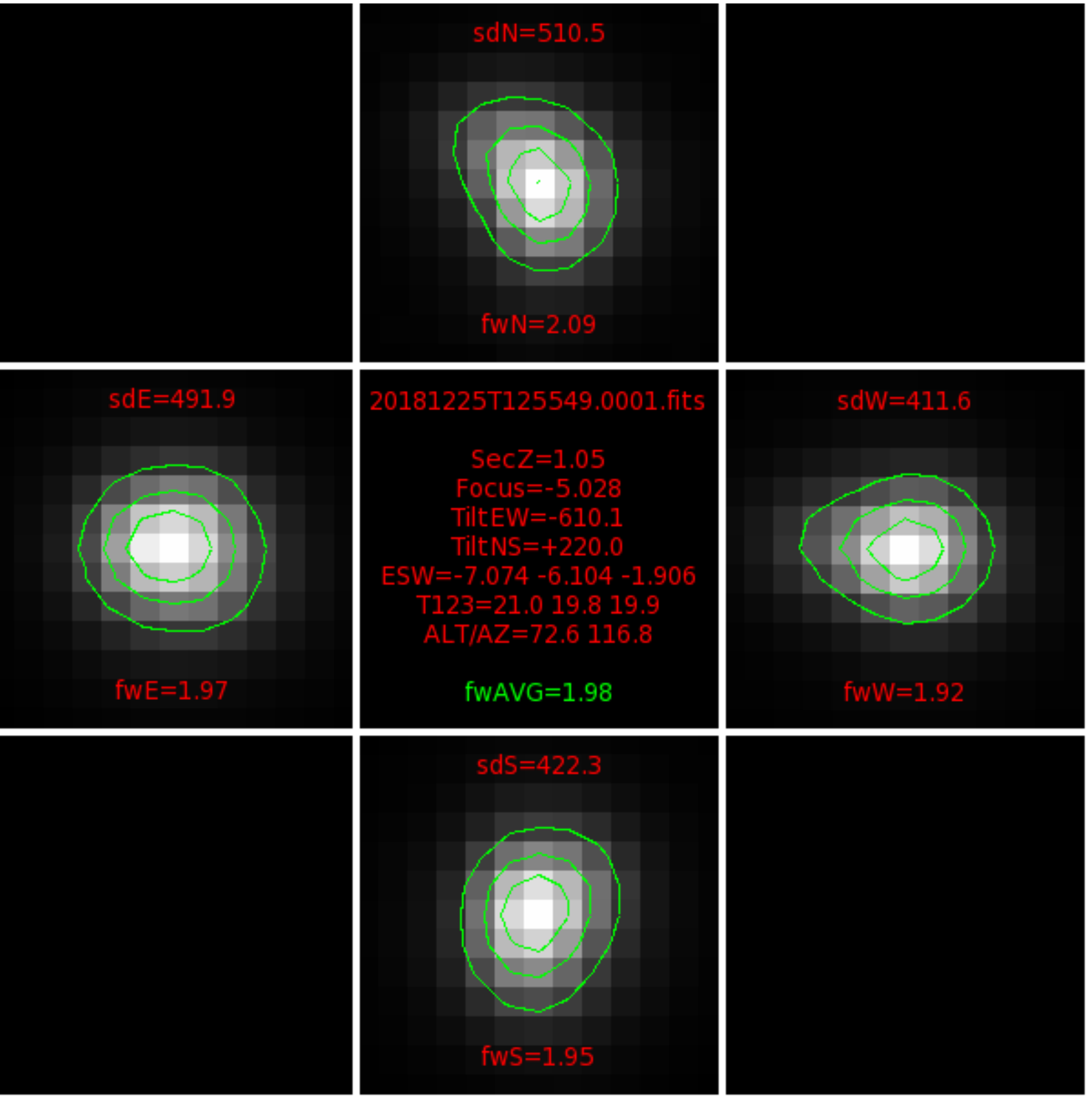

sdN=851.8
fwN=2.00
sdE=180.3
fwE=2.28
20181225T125008.0001.fits
SecZ=1.35
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.8 19.9
ALT/AZ=47.9 82.8
fwAVG=2.10
sdW=148.4
fwW=1.88
sdS=553.0
fwS=2.24
0 0 0 0 0 0 0 0 0

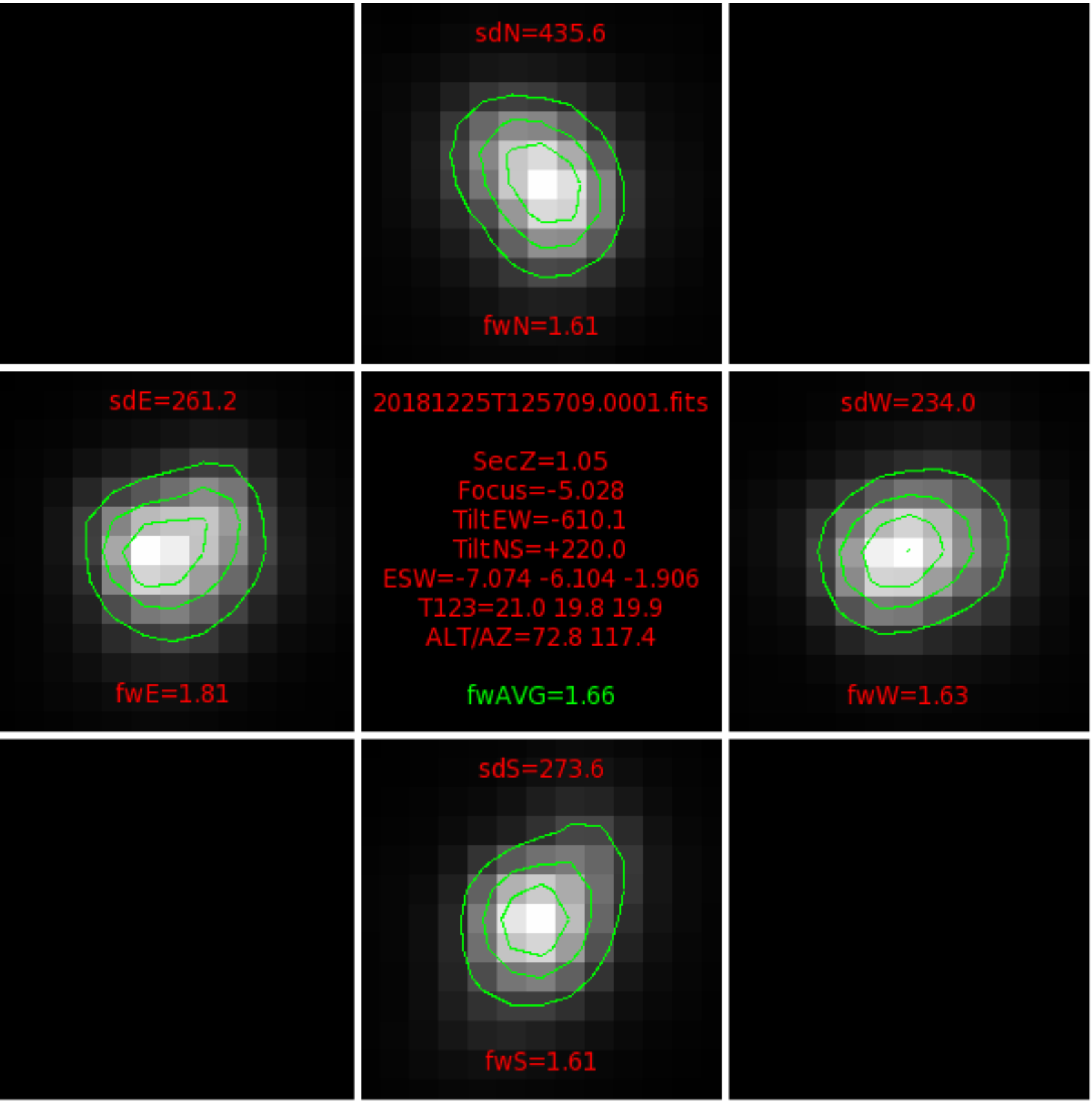

sdN=1962.0
fwN=1.92
sdE=612.4
fwE=2.16
20181225T125058.0001.fits
SecZ=1.34
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.8 19.9
ALT/AZ=48.1 82.9
fwAVG=2.02
sdW=712.9
fwW=1.79
sdS=1352.5
fwS=2.22
0 0 0 0 0 0 0 0 0

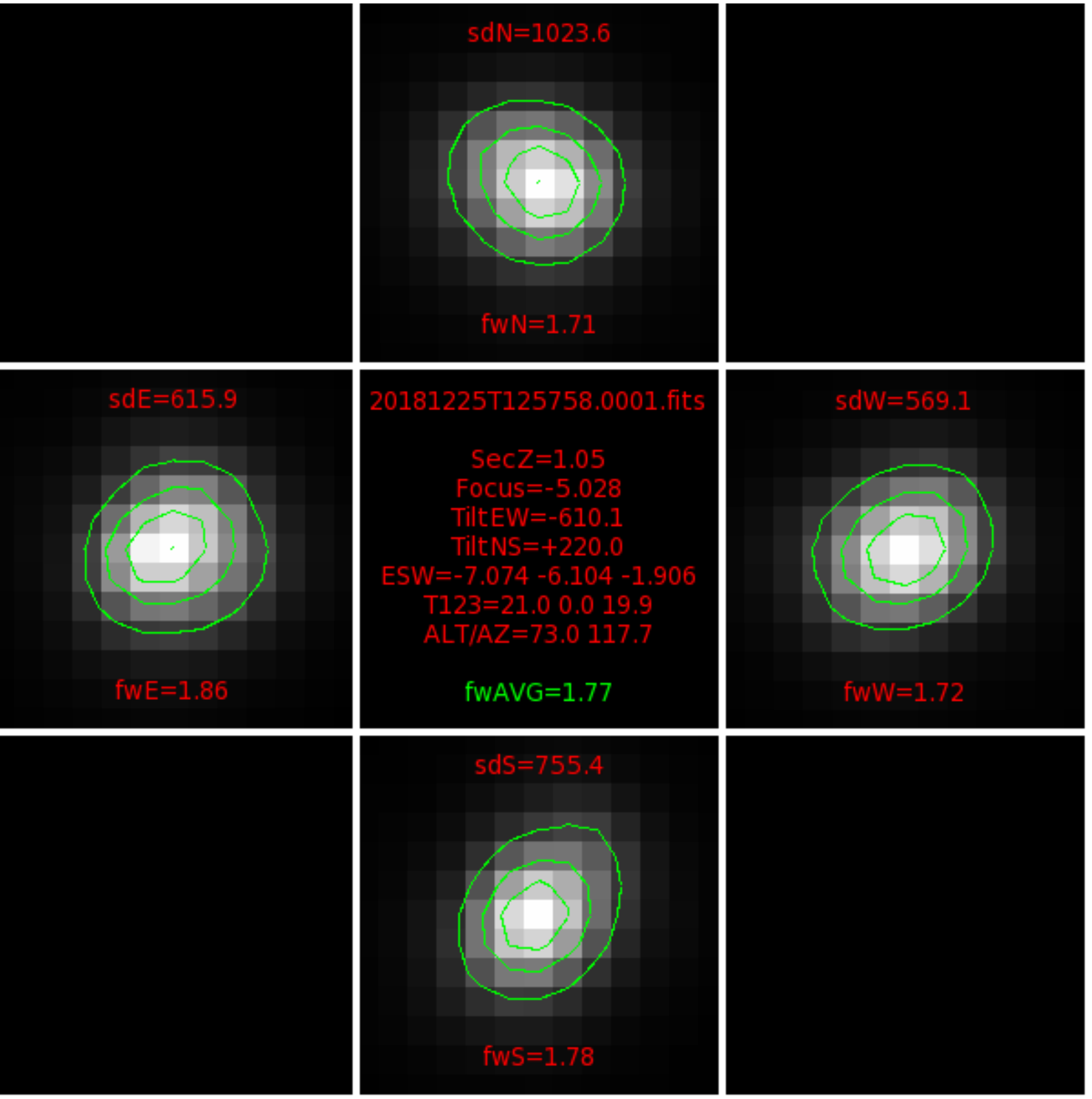

sdN=58.0
fwN=2.40
sdE=119.8
fwE=2.31
20181225T125250.0001.fits
SecZ=1.05
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.1 19.8 19.9
ALT/AZ=72.0 115.5
fwAVG=2.30
sdW=69.9
fwW=2.29
sdS=62.5
fwS=2.20
0 0 0 0 0 0 0 0 0

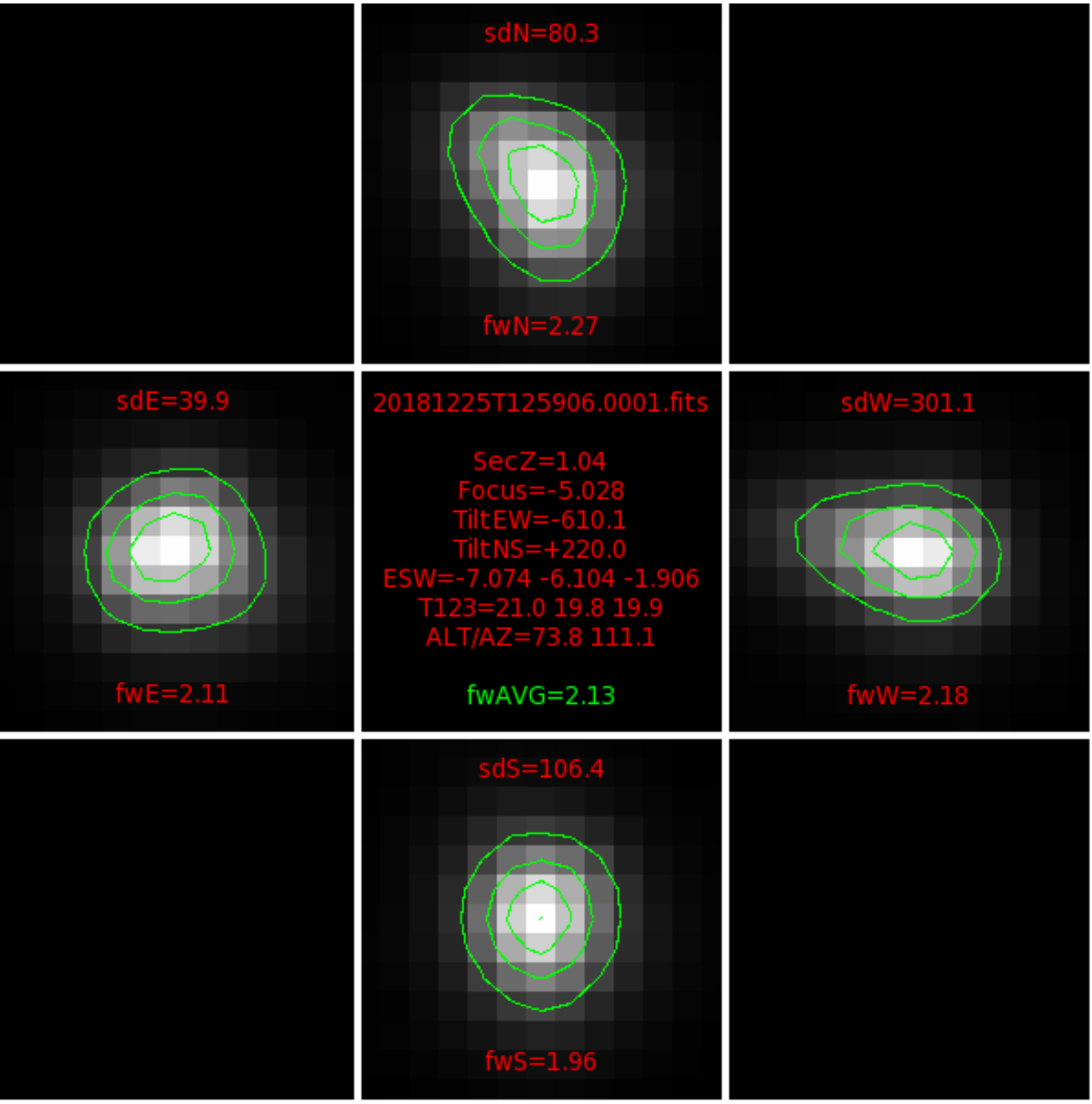

sdN=242.5
fwN=2.09
sdE=390.7
fwE=2.25
20181225T125339.0001.fits
SecZ=1.05
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.7 19.8
ALT/AZ=72.2 115.9
fwAVG=2.14
sdW=327.4
fwW=2.10
sdS=240.6
fwS=2.13
0 0 0 0 0 0 0 0 0

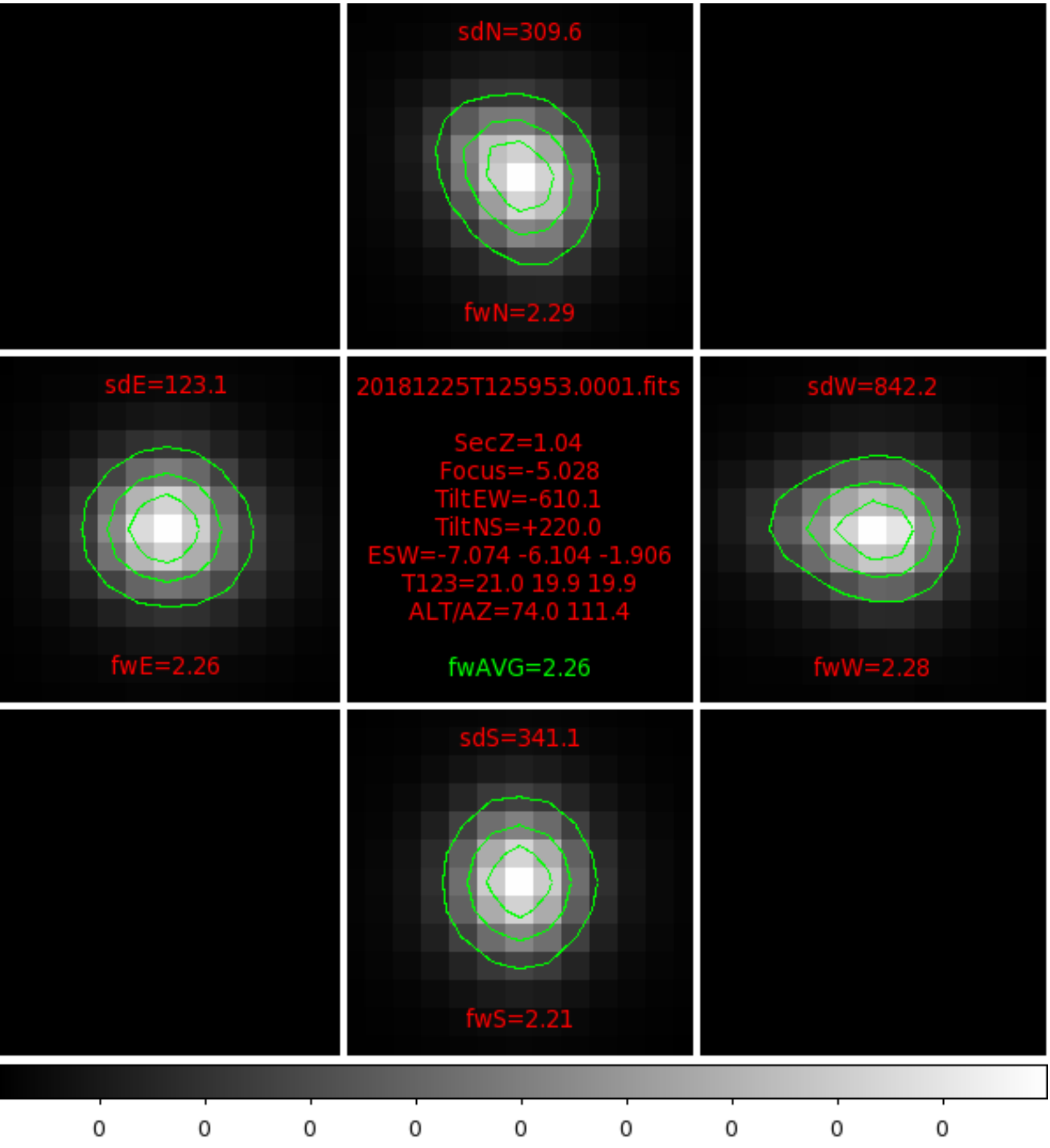

sdN=152.8
fwN=2.06
sdE=176.2
fwE=2.04
20181225T125500.0001.fits
SecZ=1.05
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.8 19.9
ALT/AZ=72.4 116.4
fwAVG=2.03
sdW=126.4
fwW=2.04
sdS=122.7
fwS=1.97
0 0 0 0 0 0 0 0 0

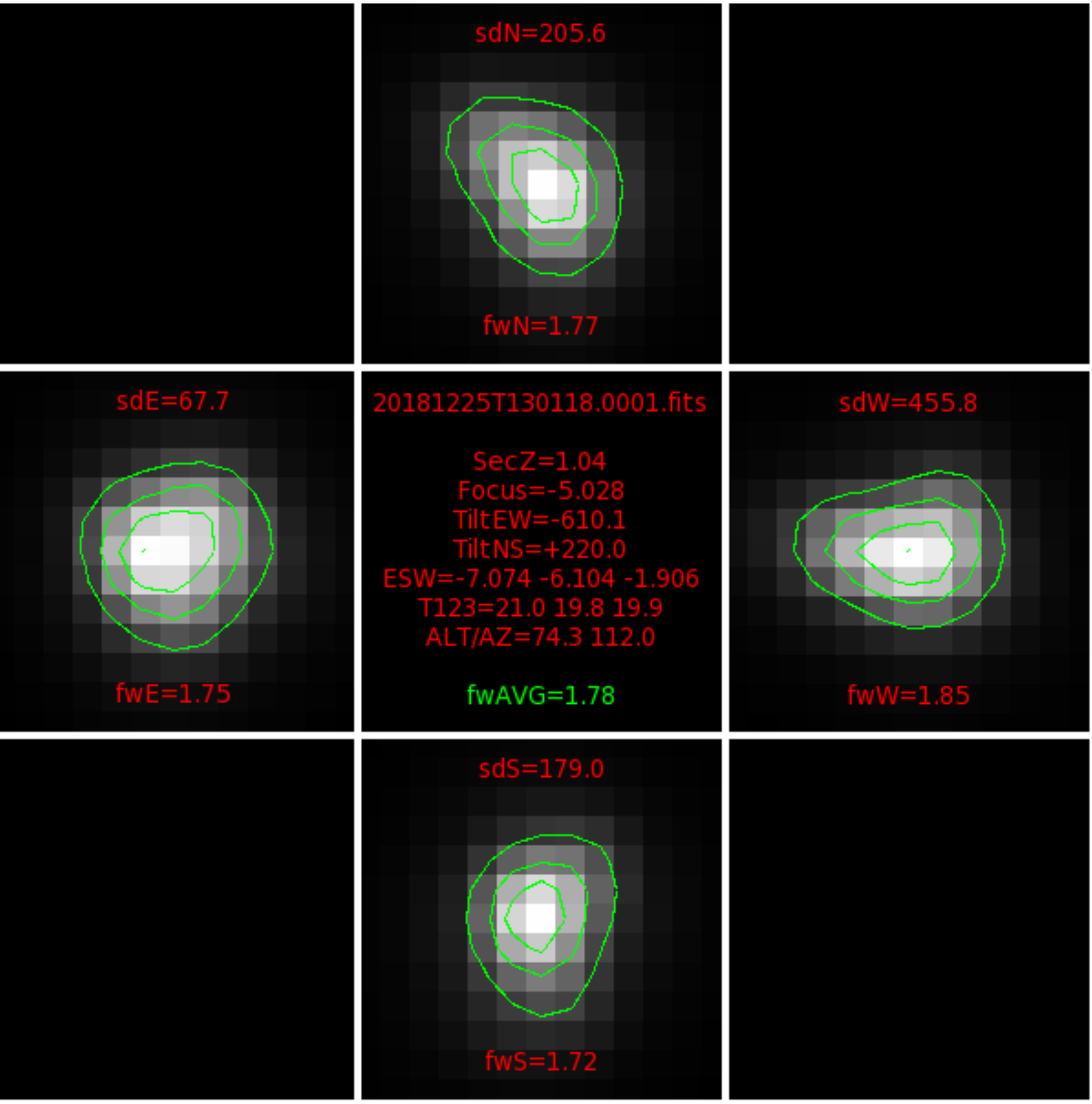

sdN=510.5
fwN=2.09
sdE=491.9
fwE=1.97
20181225T125549.0001.fits
SecZ=1.05
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.8 19.9
ALT/AZ=72.6 116.8
fwAVG=1.98
sdW=411.6
fwW=1.92
sdS=422.3
fwS=1.95
0 0 0 0 0 0 0 0 0

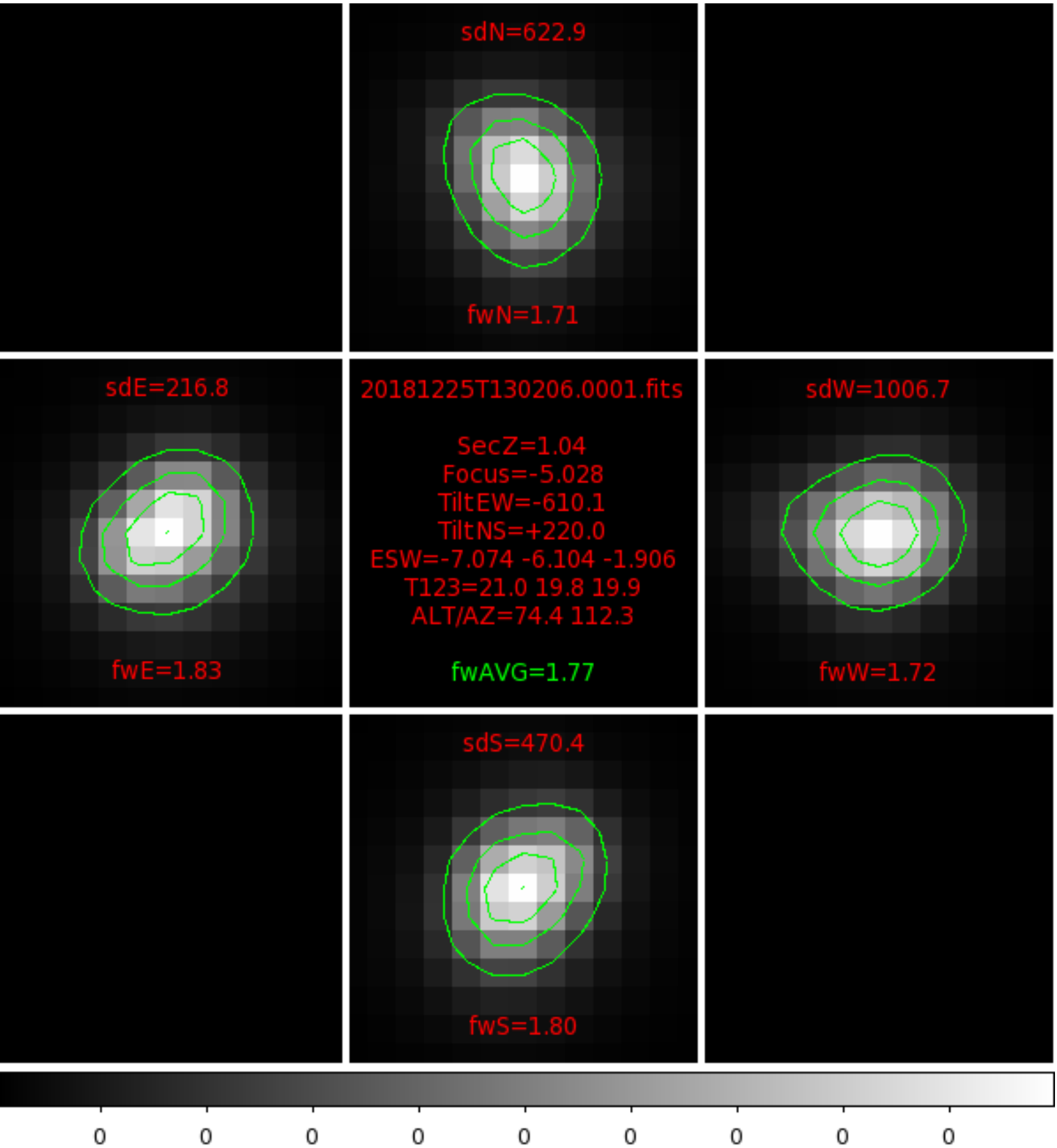

sdN=435.6
fwN=1.61
sdE=261.2
fwE=1.81
20181225T125709.0001.fits
SecZ=1.05
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.8 19.9
ALT/AZ=72.8 117.4
fwAVG=1.66
sdW=234.0
fwW=1.63
sdS=273.6
fwS=1.61
0 0 0 0 0 0 0 0 0

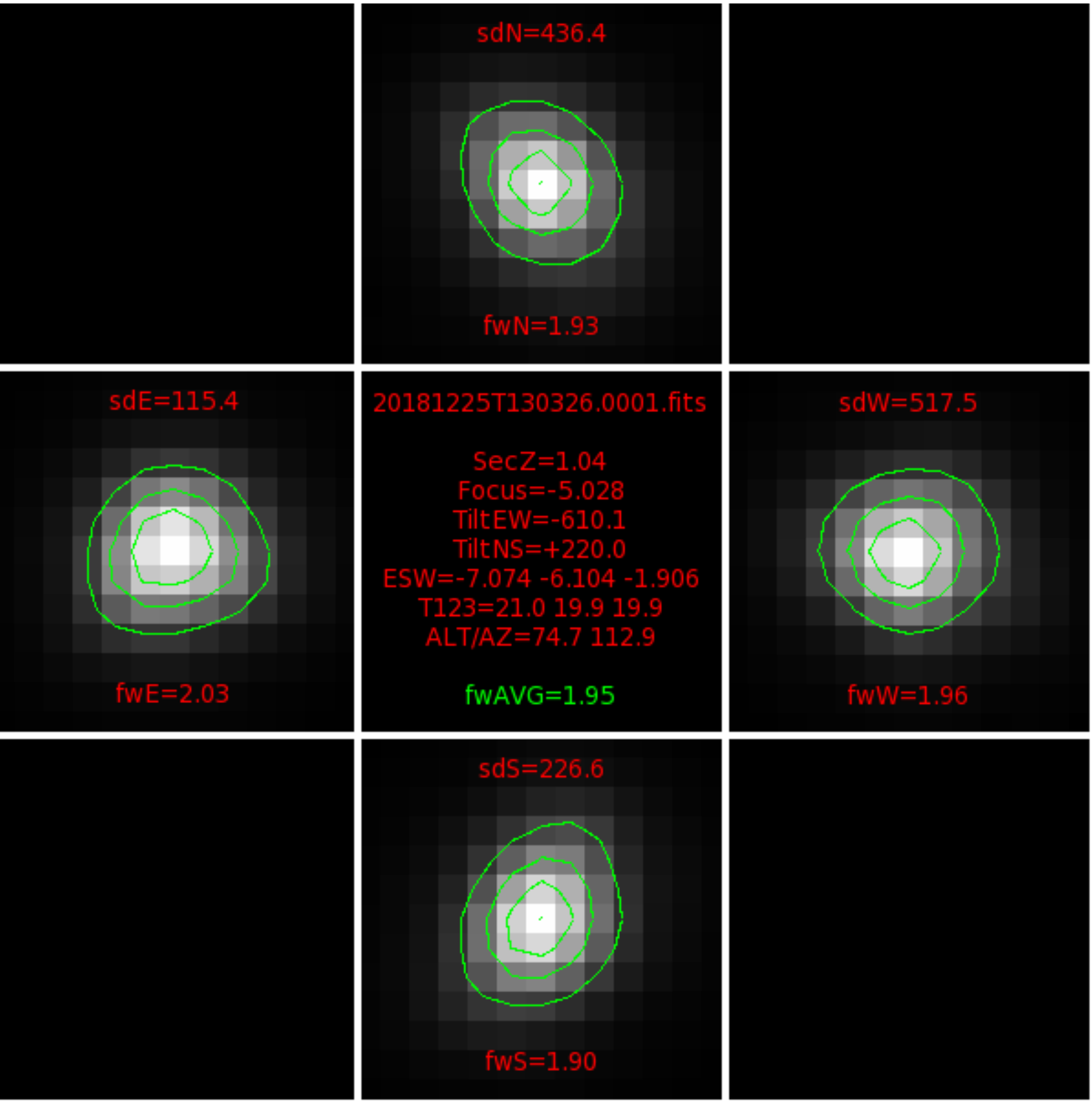

sdN=1023.6
fwN=1.71
sdE=615.9
fwE=1.86
20181225T125758.0001.fits
SecZ=1.05
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 0.0 19.9
ALT/AZ=73.0 117.7
fwAVG=1.77
sdW=569.1
fwW=1.72
sdS=755.4
fwS=1.78
0 0 0 0 0 0 0 0 0

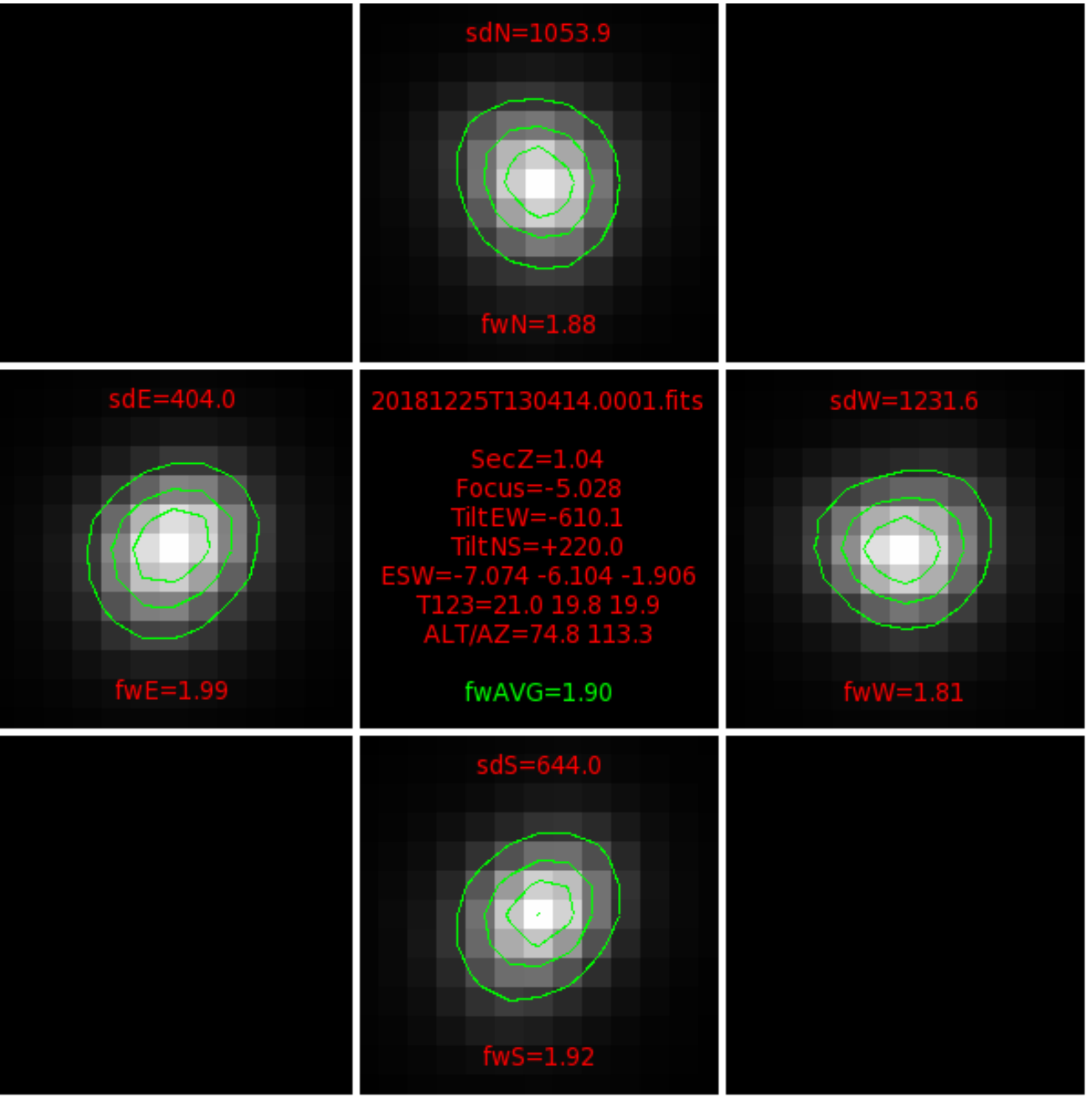

sdN=80.3
fwN=2.27
sdE=39.9
fwE=2.11
20181225T125906.0001.fits
SecZ=1.04
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.8 19.9
ALT/AZ=73.8 111.1
fwAVG=2.13
sdW=301.1
fwW=2.18
sdS=106.4
fwS=1.96
0 0 0 0 0 0 0 0 0

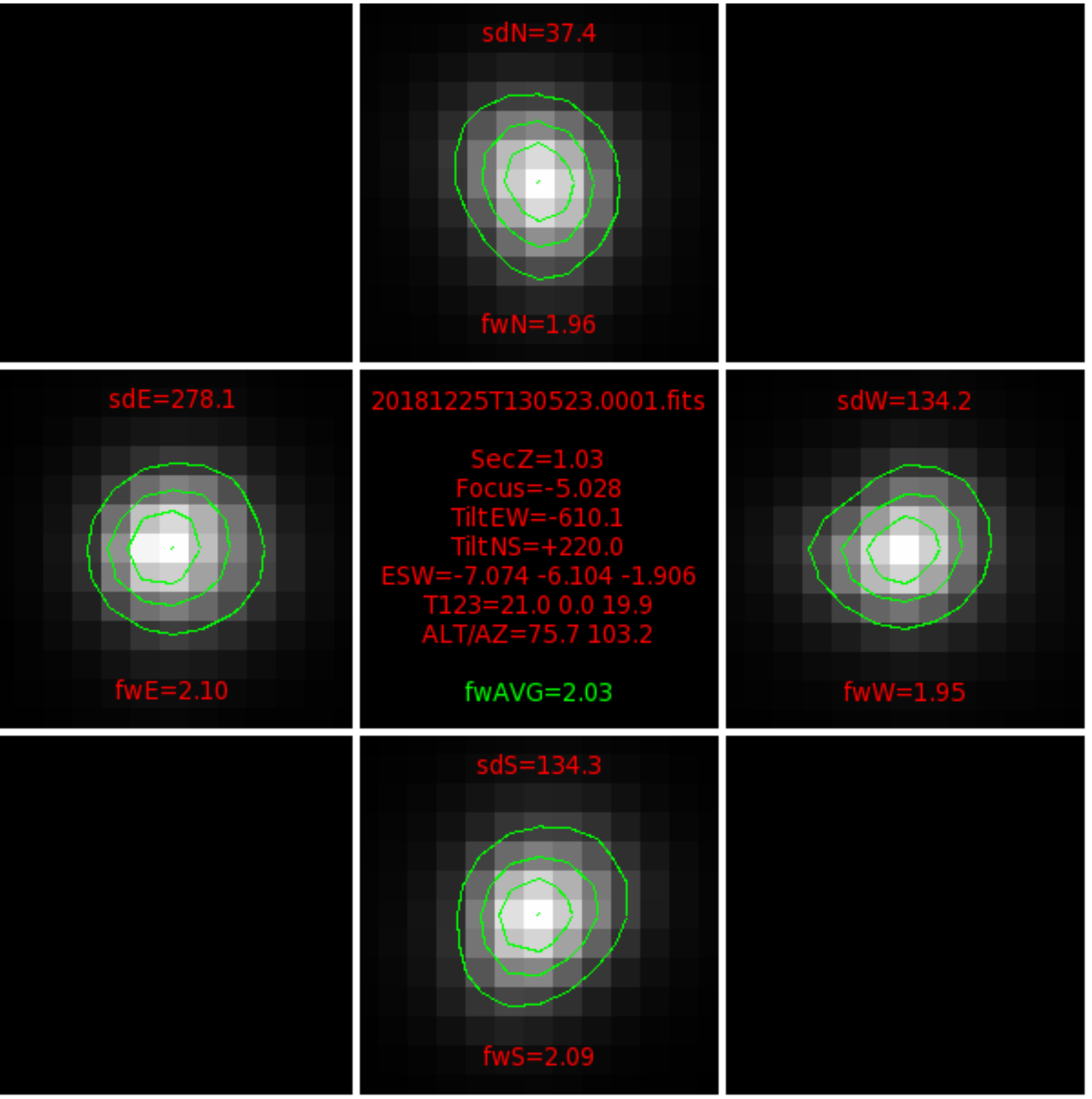

sdN=309.6
fwN=2.29
sdE=123.1
fwE=2.26
20181225T125953.0001.fits
SecZ=1.04
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.9 19.9
ALT/AZ=74.0 111.4
fwAVG=2.26
sdW=842.2
fwW=2.28
sdS=341.1
fwS=2.21
0 0 0 0 0 0 0 0 0

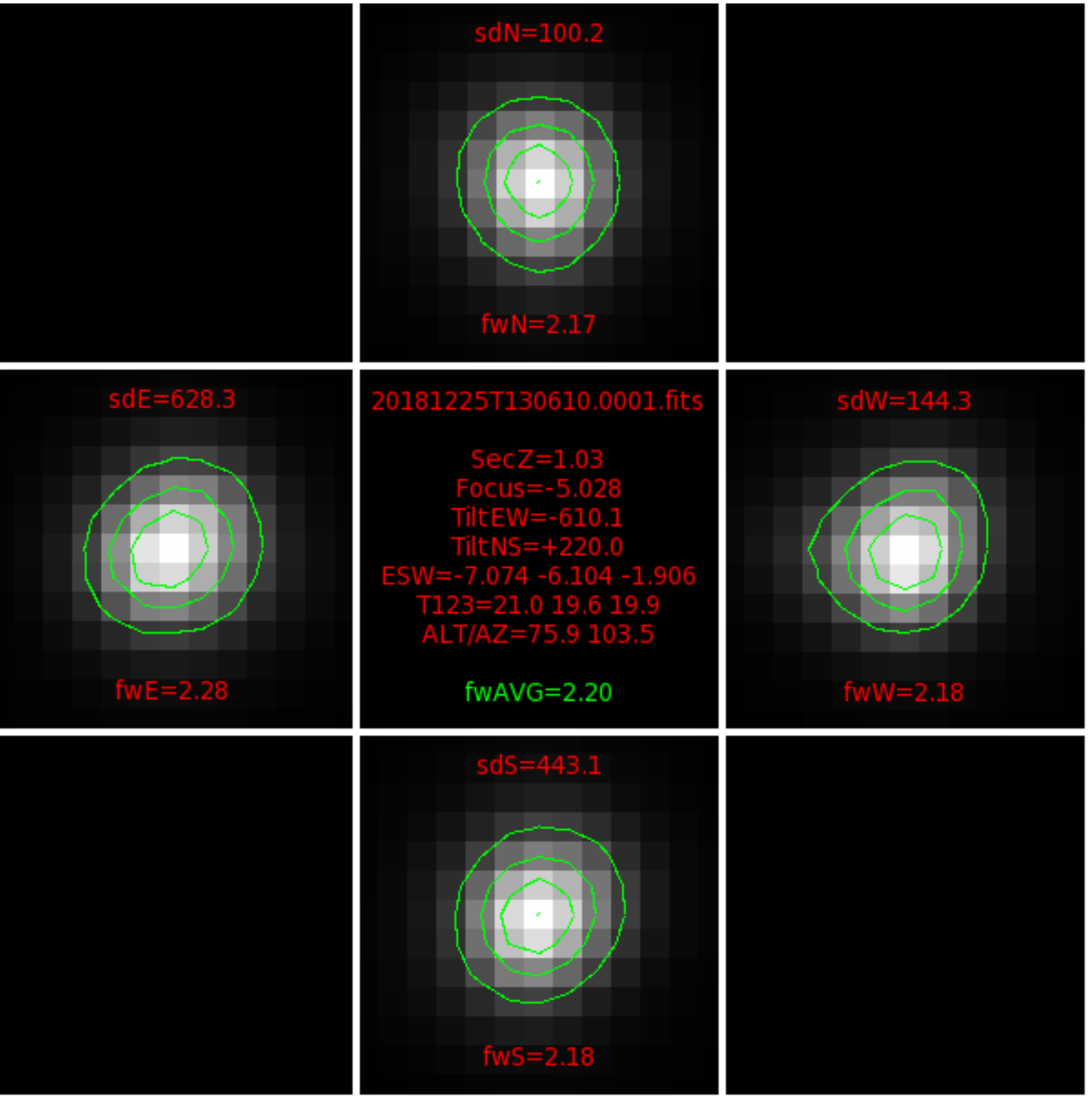

sdN=205.6
fwN=1.77
sdE=67.7
fwE=1.75
20181225T130118.0001.fits
SecZ=1.04
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.8 19.9
ALT/AZ=74.3 112.0
fwAVG=1.78
sdW=455.8
fwW=1.85
sdS=179.0
fwS=1.72
0 0 0 0 0 0 0 0 0

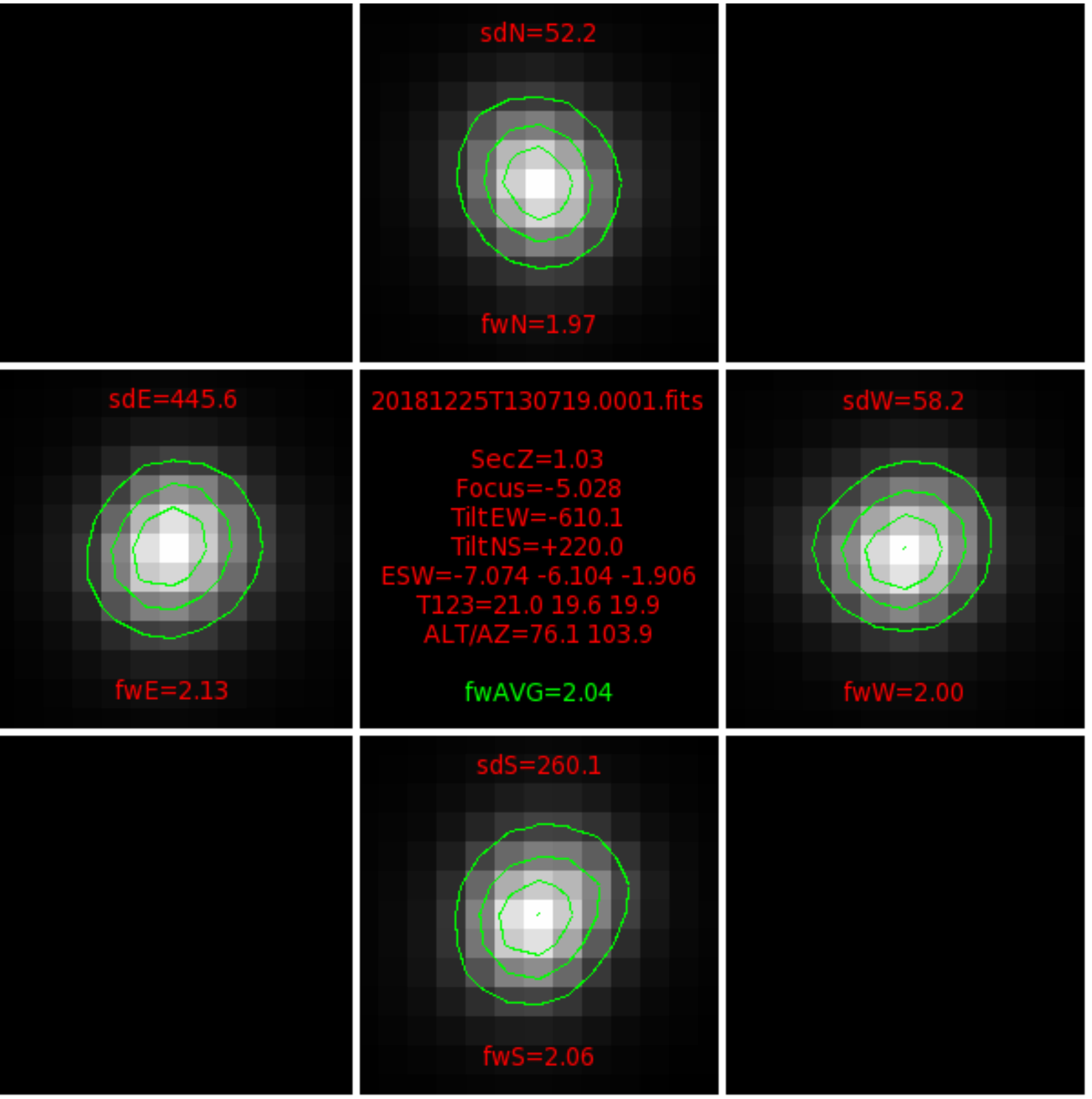

sdN=622.9
fwN=1.71
sdE=216.8
fwE=1.83
20181225T130206.0001.fits
SecZ=1.04
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.8 19.9
ALT/AZ=74.4 112.3
fwAVG=1.77
sdW=1006.7
fwW=1.72
sdS=470.4
fwS=1.80
0 0 0 0 0 0 0 0 0

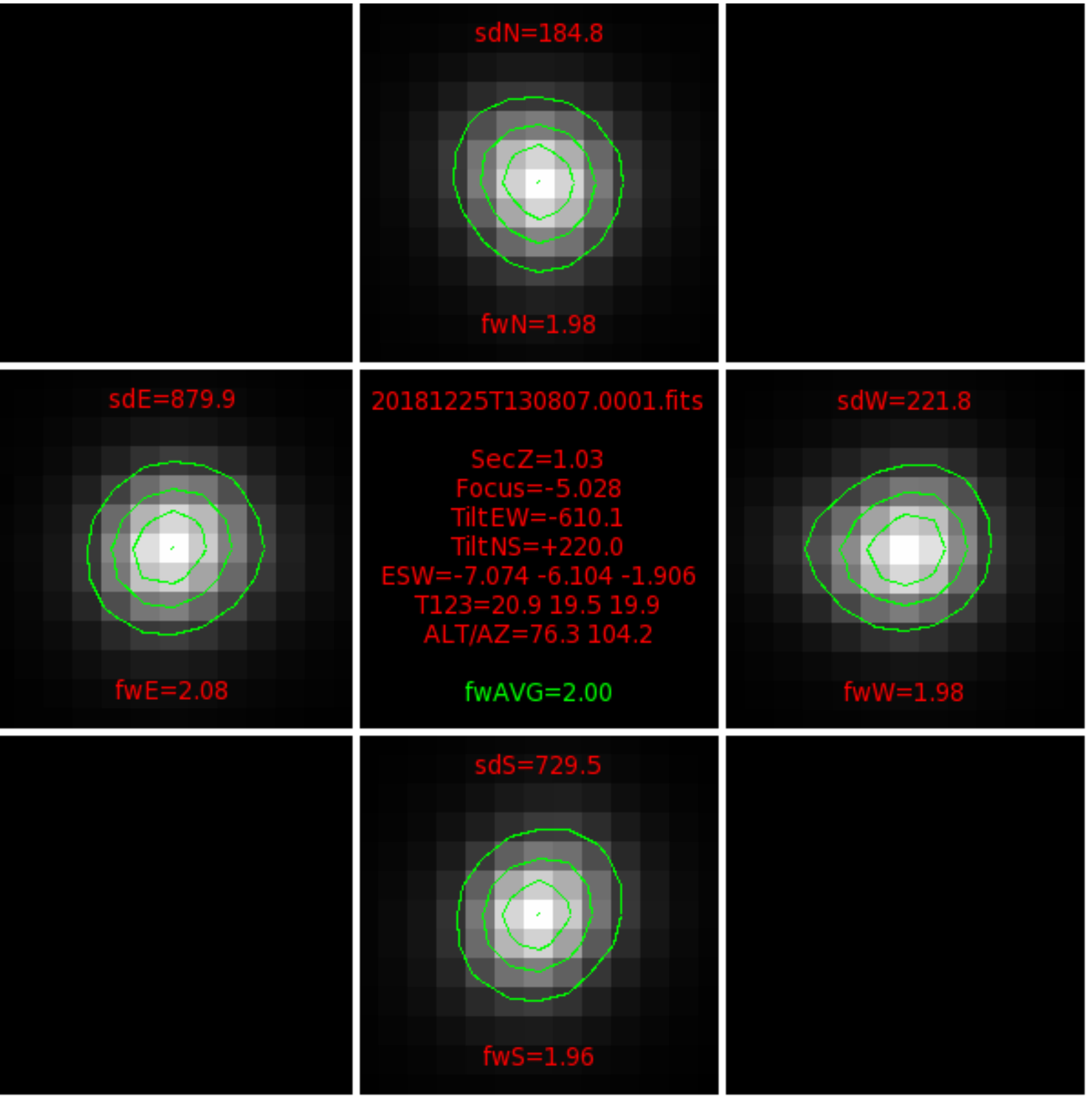

sdN=436.4
fwN=1.93
sdE=115.4
fwE=2.03
20181225T130326.0001.fits
SecZ=1.04
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.9 19.9
ALT/AZ=74.7 112.9
fwAVG=1.95
sdW=517.5
fwW=1.96
sdS=226.6
fwS=1.90
0 0 0 0 0 0 0 0 0

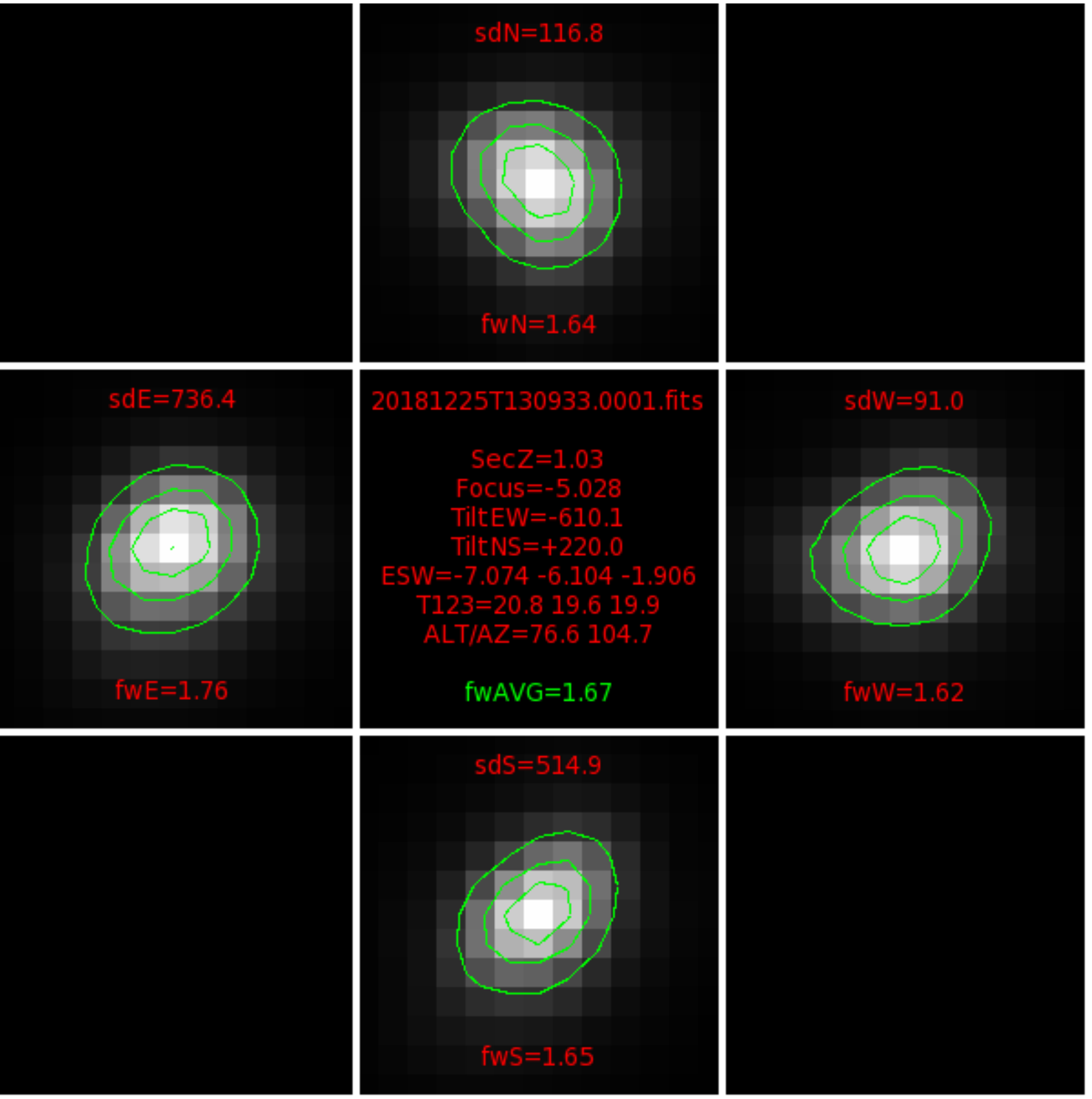

sdN=1053.9
fwN=1.88
sdE=404.0
fwE=1.99
20181225T130414.0001.fits
SecZ=1.04
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.8 19.9
ALT/AZ=74.8 113.3
fwAVG=1.90
sdW=1231.6
fwW=1.81
sdS=644.0
fwS=1.92
0 0 0 0 0 0 0 0 0

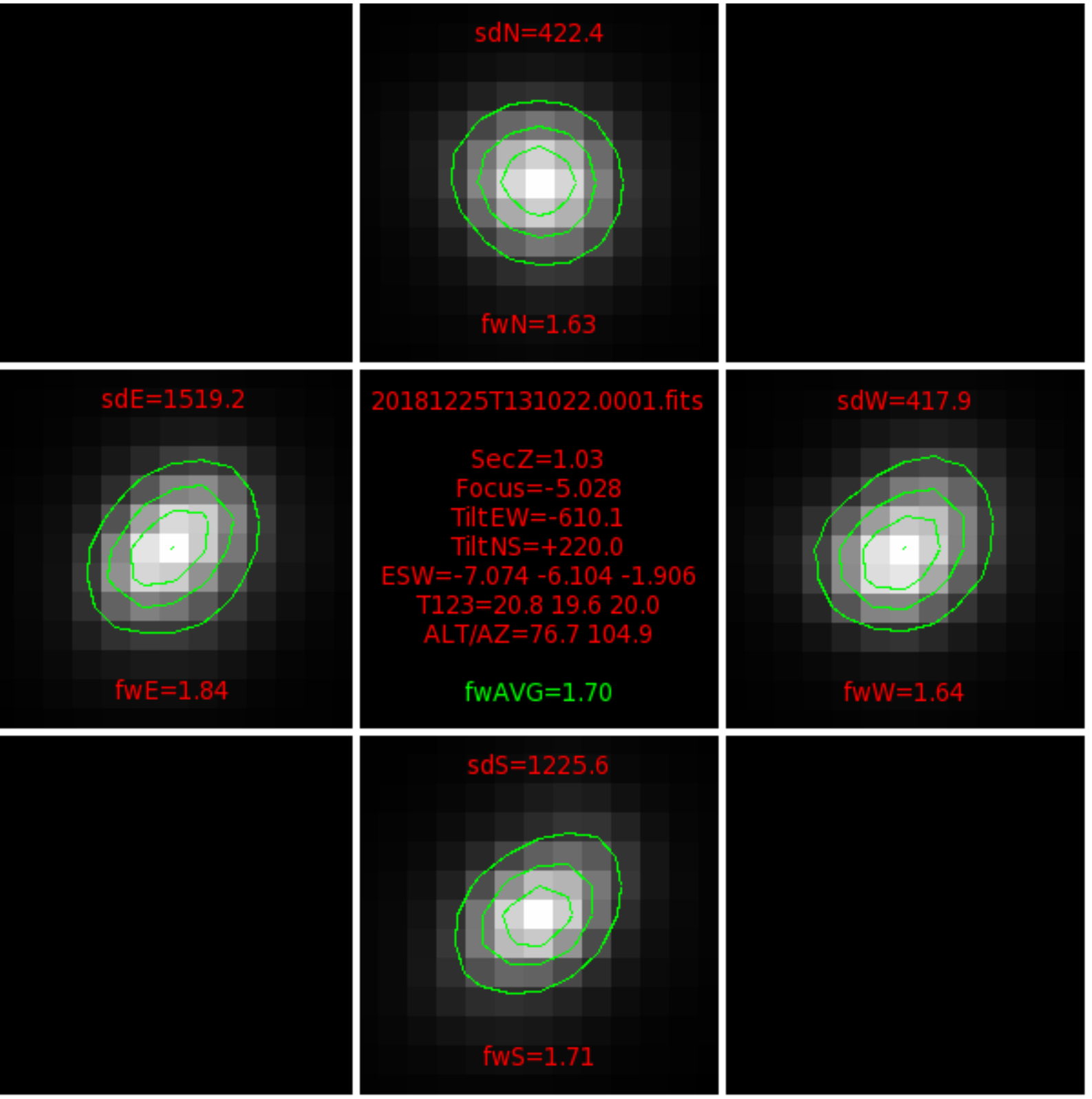

sdN=37.4
fwN=1.96
sdE=278.1
fwE=2.10
20181225T130523.0001.fits
SecZ=1.03
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 0.0 19.9
ALT/AZ=75.7 103.2
fwAVG=2.03
sdW=134.2
fwW=1.95
sdS=134.3
fwS=2.09
0 0 0 0 0 0 0 0 0

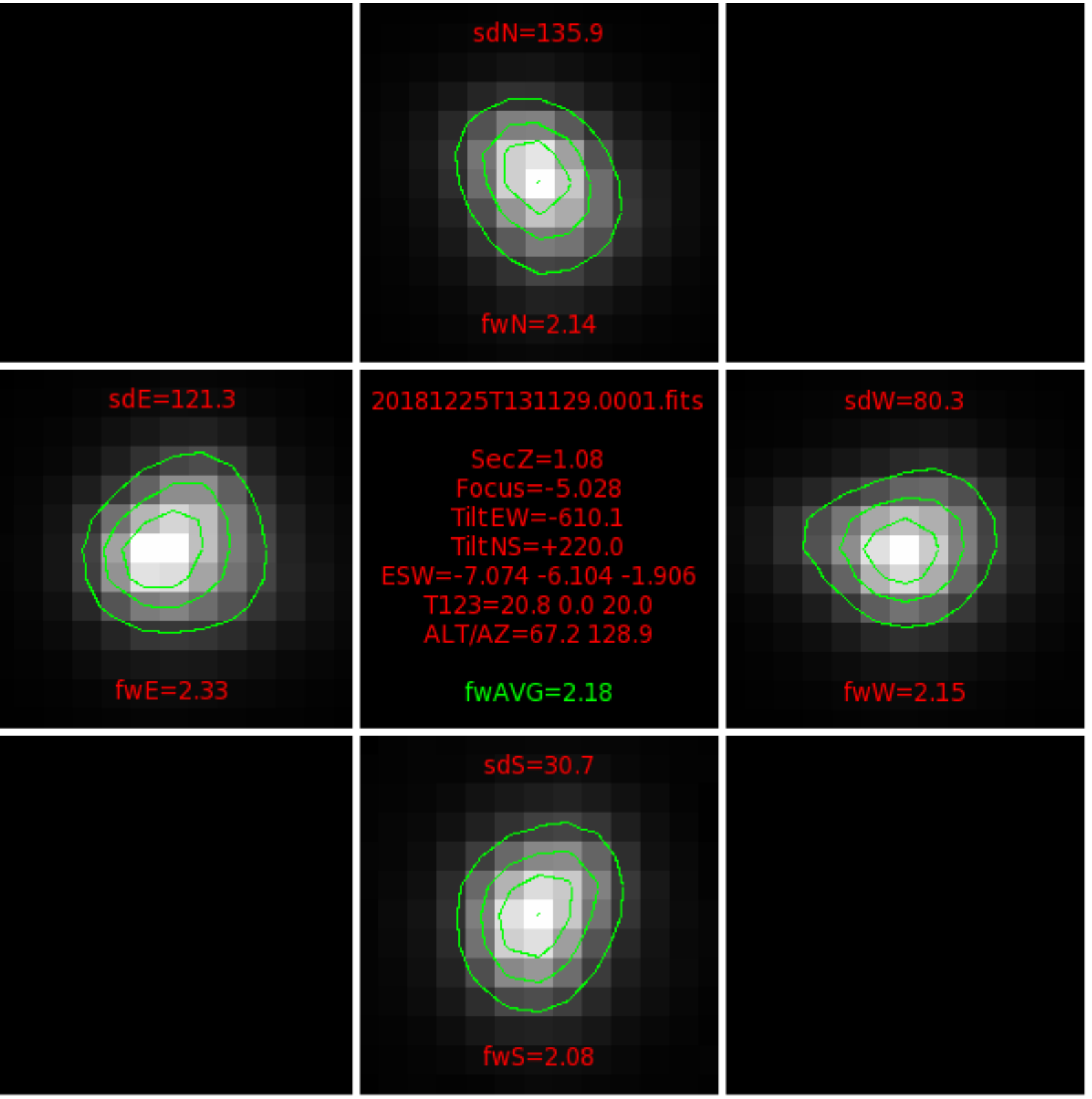

sdN=100.2
fwN=2.17
sdE=628.3
fwE=2.28
20181225T130610.0001.fits
SecZ=1.03
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.6 19.9
ALT/AZ=75.9 103.5
fwAVG=2.20
sdW=144.3
fwW=2.18
sdS=443.1
fwS=2.18
0 0 0 0 0 0 0 0 0

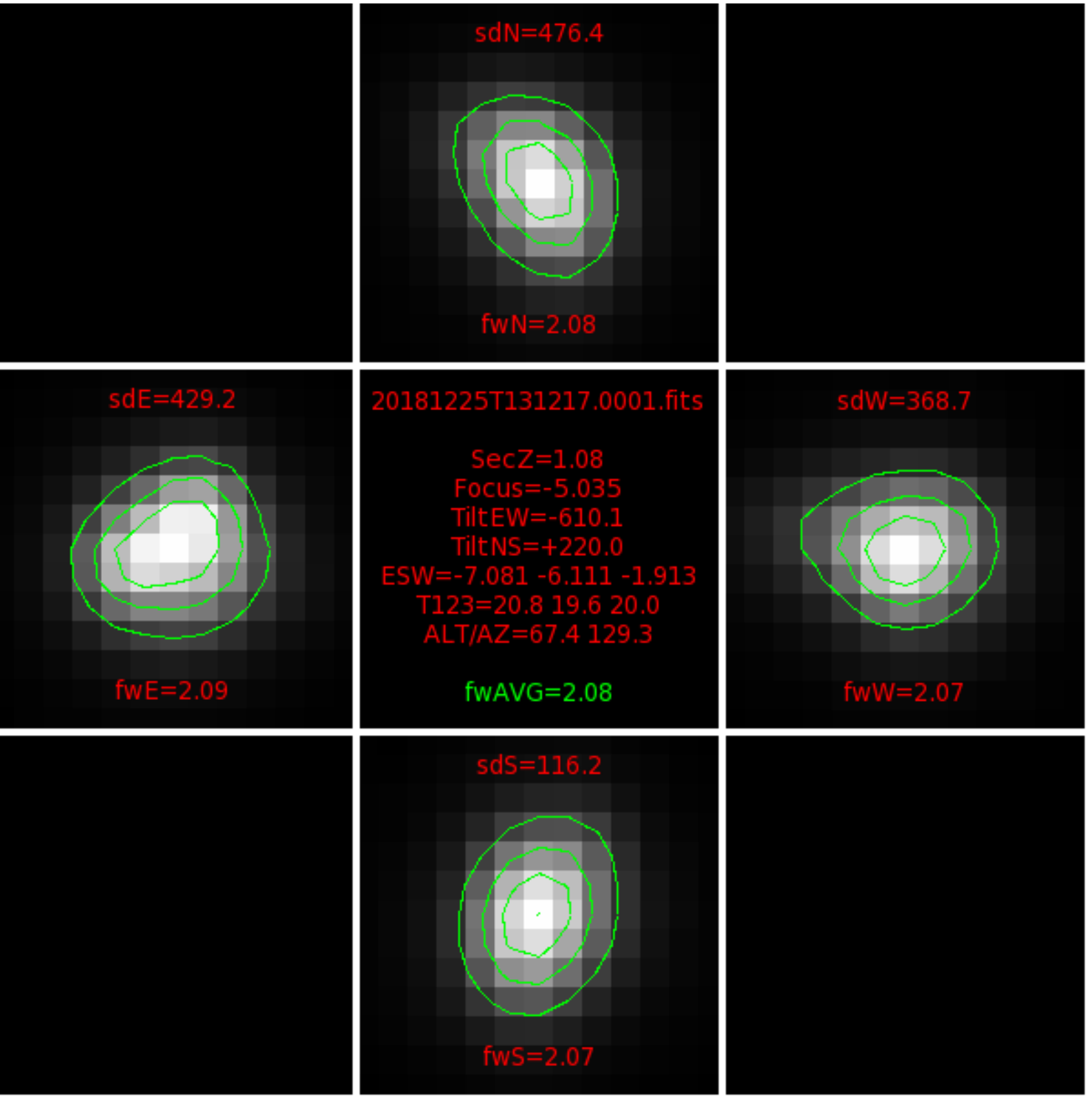

sdN=52.2
fwN=1.97
sdE=445.6
fwE=2.13
20181225T130719.0001.fits
SecZ=1.03
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.6 19.9
ALT/AZ=76.1 103.9
fwAVG=2.04
sdW=58.2
fwW=2.00
sdS=260.1
fwS=2.06
0 0 0 0 0 0 0 0 0

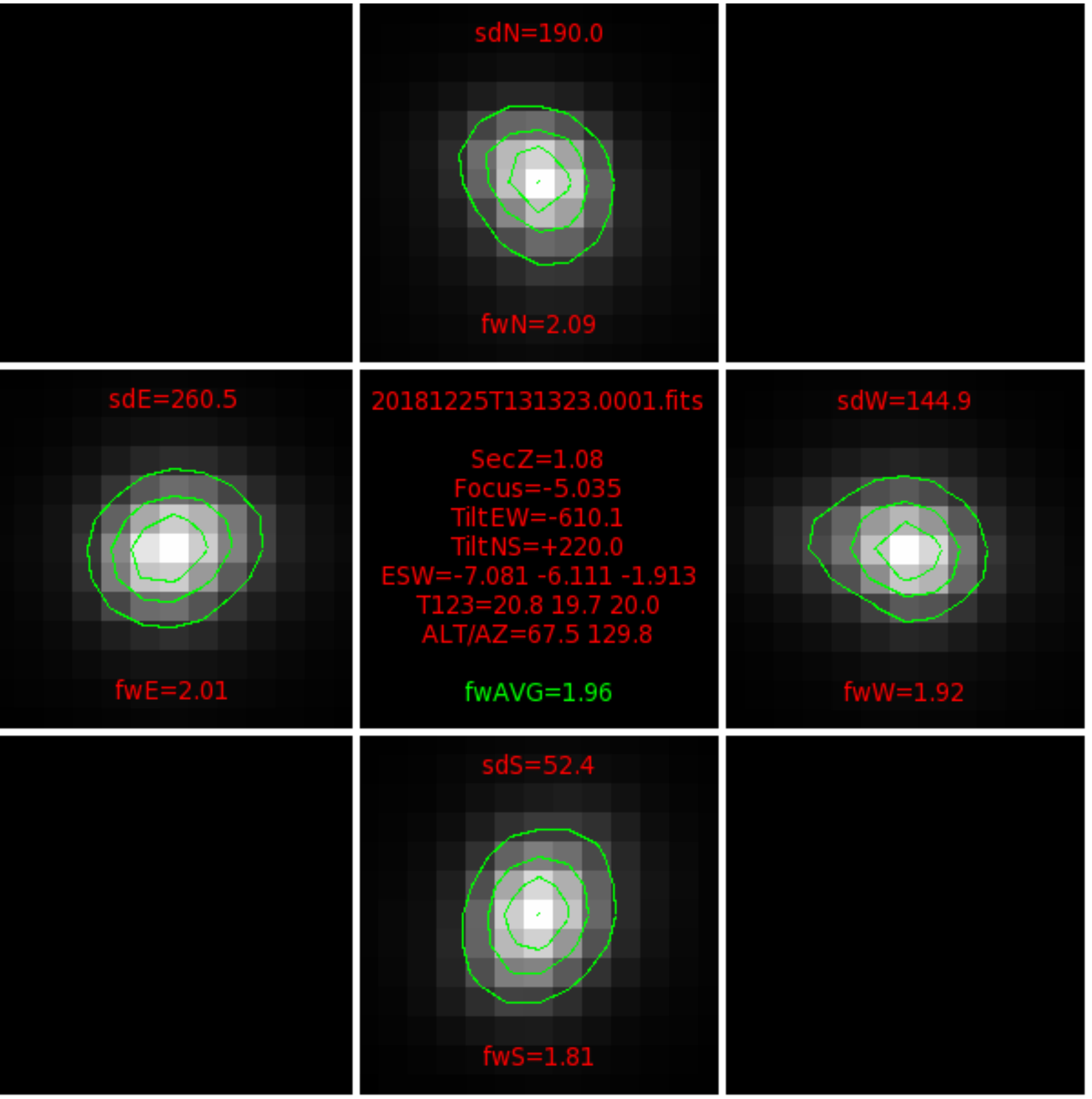

sdN=184.8
fwN=1.98
sdE=879.9
fwE=2.08
20181225T130807.0001.fits
SecZ=1.03
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=20.9 19.5 19.9
ALT/AZ=76.3 104.2
fwAVG=2.00
sdW=221.8
fwW=1.98
sdS=729.5
fwS=1.96
0 0 0 0 0 0 0 0 0

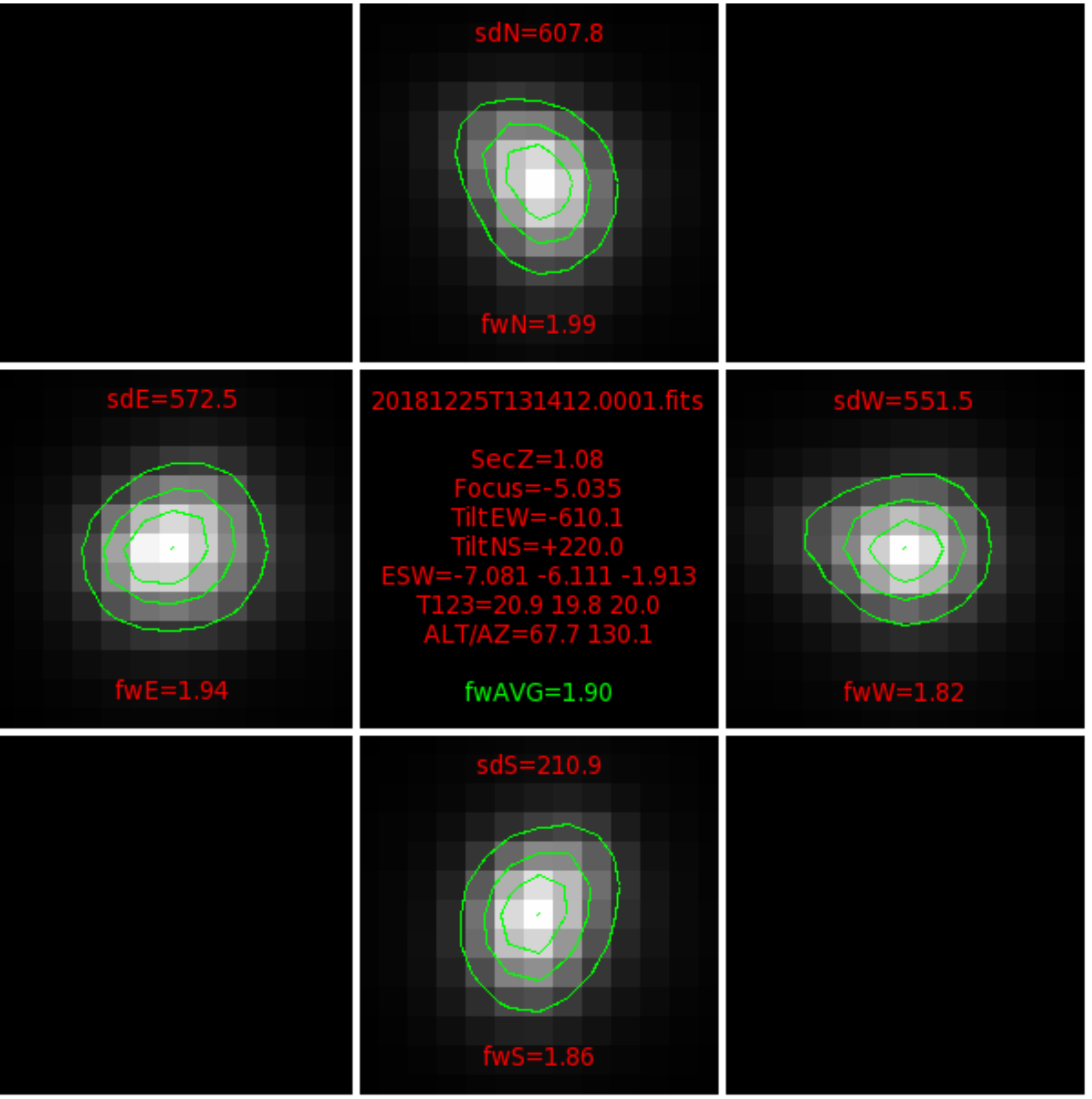

sdN=116.8
fwN=1.64
sdE=736.4
fwE=1.76
20181225T130933.0001.fits
SecZ=1.03
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=20.8 19.6 19.9
ALT/AZ=76.6 104.7
fwAVG=1.67
sdW=91.0
fwW=1.62
sdS=514.9
fwS=1.65
0 0 0 0 0 0 0 0 0

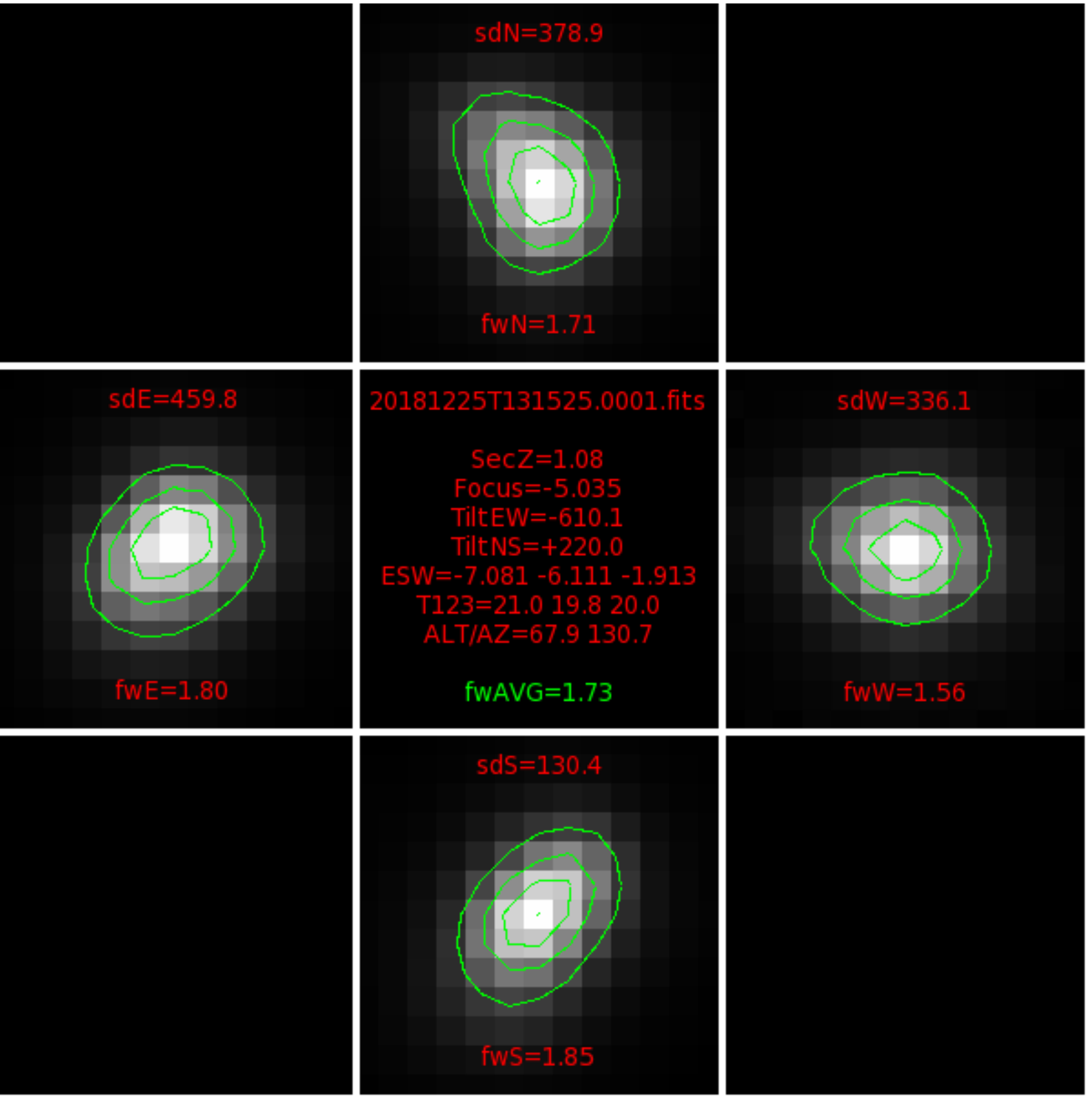

sdN=422.4
fwN=1.63
sdE=1519.2
fwE=1.84
20181225T131022.0001.fits
SecZ=1.03
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=20.8 19.6 20.0
ALT/AZ=76.7 104.9
fwAVG=1.70
sdW=417.9
fwW=1.64
sdS=1225.6
fwS=1.71
0 0 0 0 0 0 0 0 0

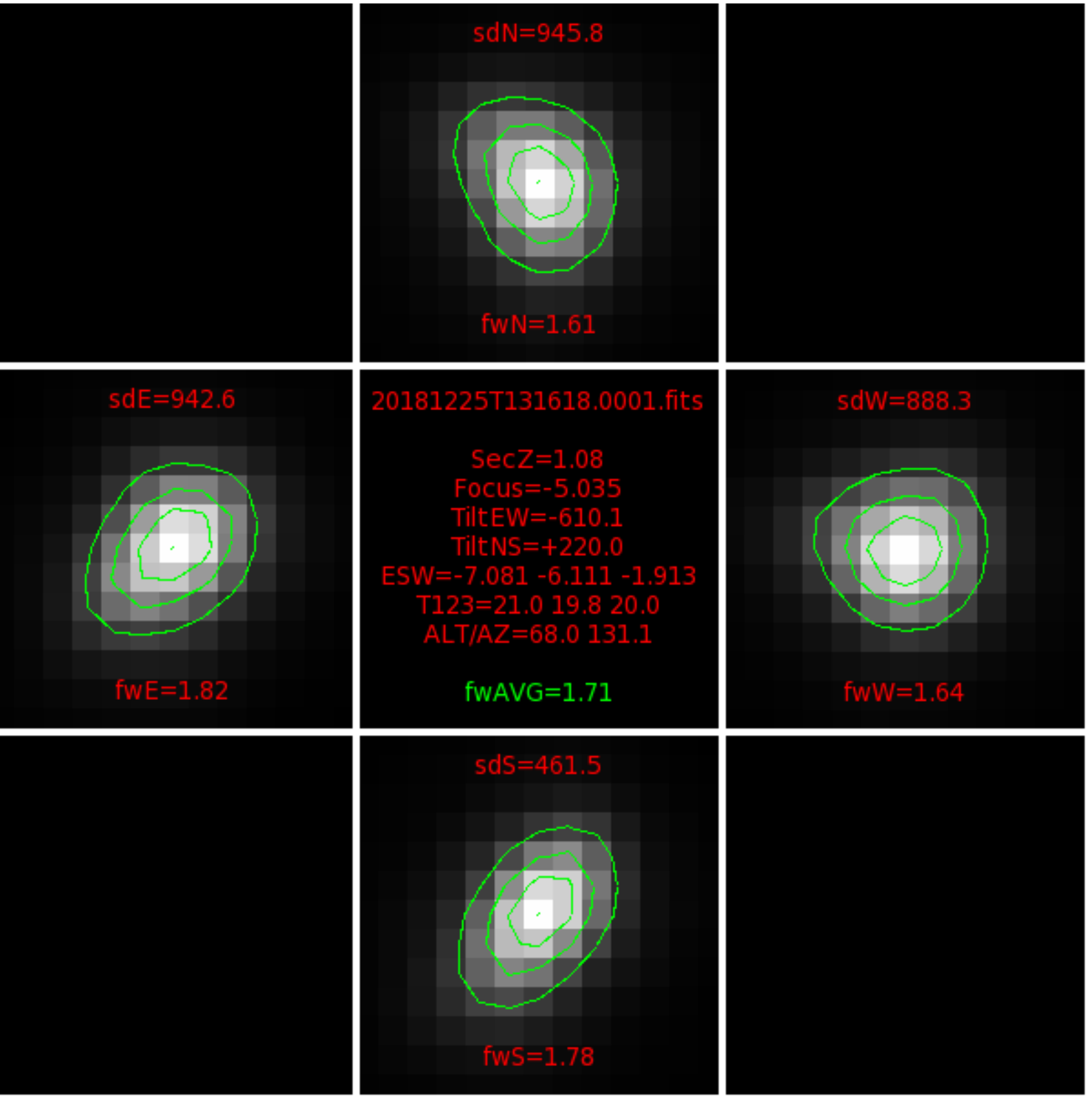

sdN=135.9
fwN=2.14
sdE=121.3
fwE=2.33
20181225T131129.0001.fits
SecZ=1.08
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=20.8 0.0 20.0
ALT/AZ=67.2 128.9
fwAVG=2.18
sdW=80.3
fwW=2.15
sdS=30.7
fwS=2.08
0 0 0 0 0 0 0 0 0

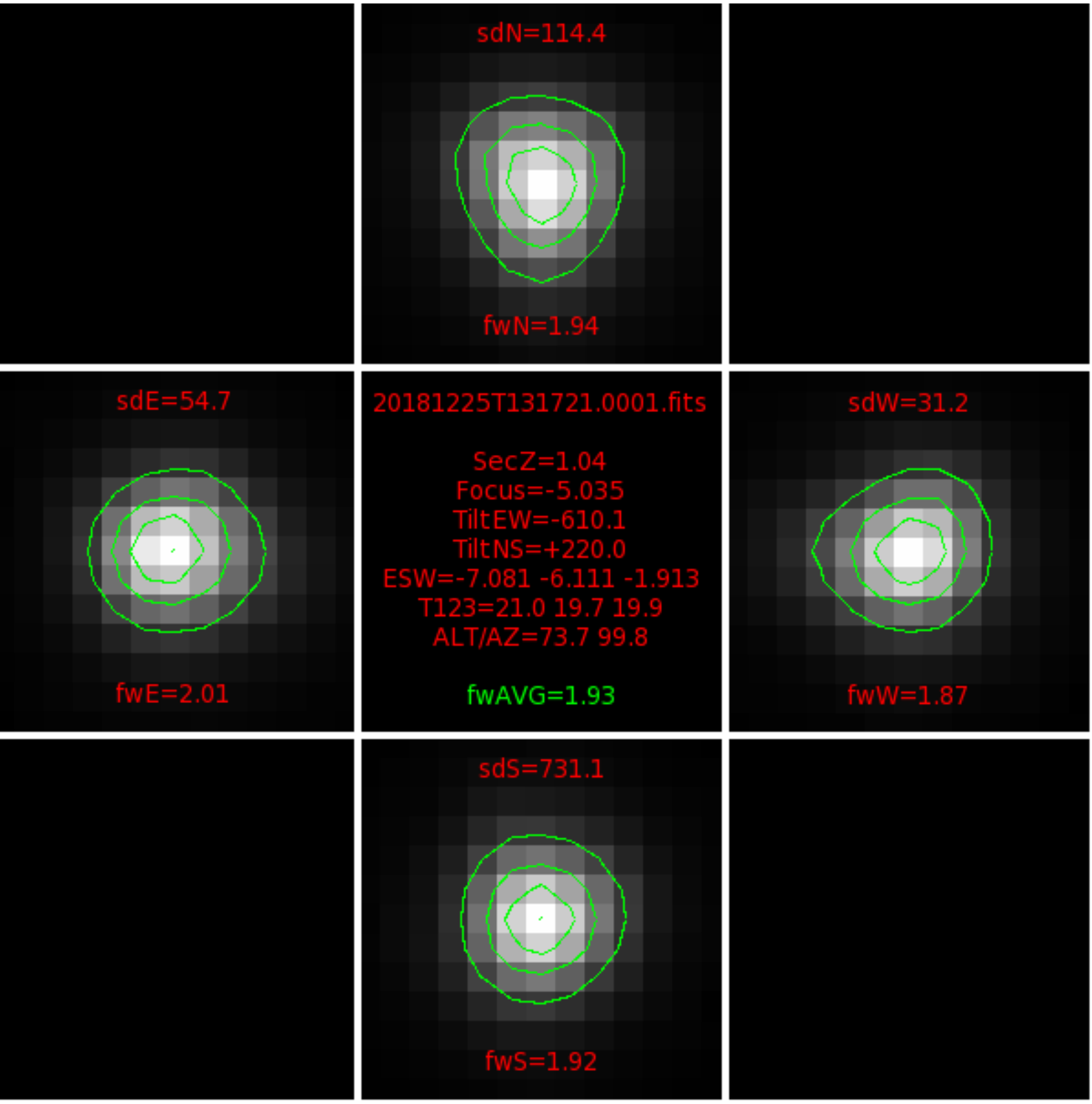

sdN=476.4
fwN=2.08
sdE=429.2
fwE=2.09
20181225T131217.0001.fits
SecZ=1.08
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.8 19.6 20.0
ALT/AZ=67.4 129.3
fwAVG=2.08
sdW=368.7
fwW=2.07
sdS=116.2
fwS=2.07
0 0 0 0 0 0 0 0 0

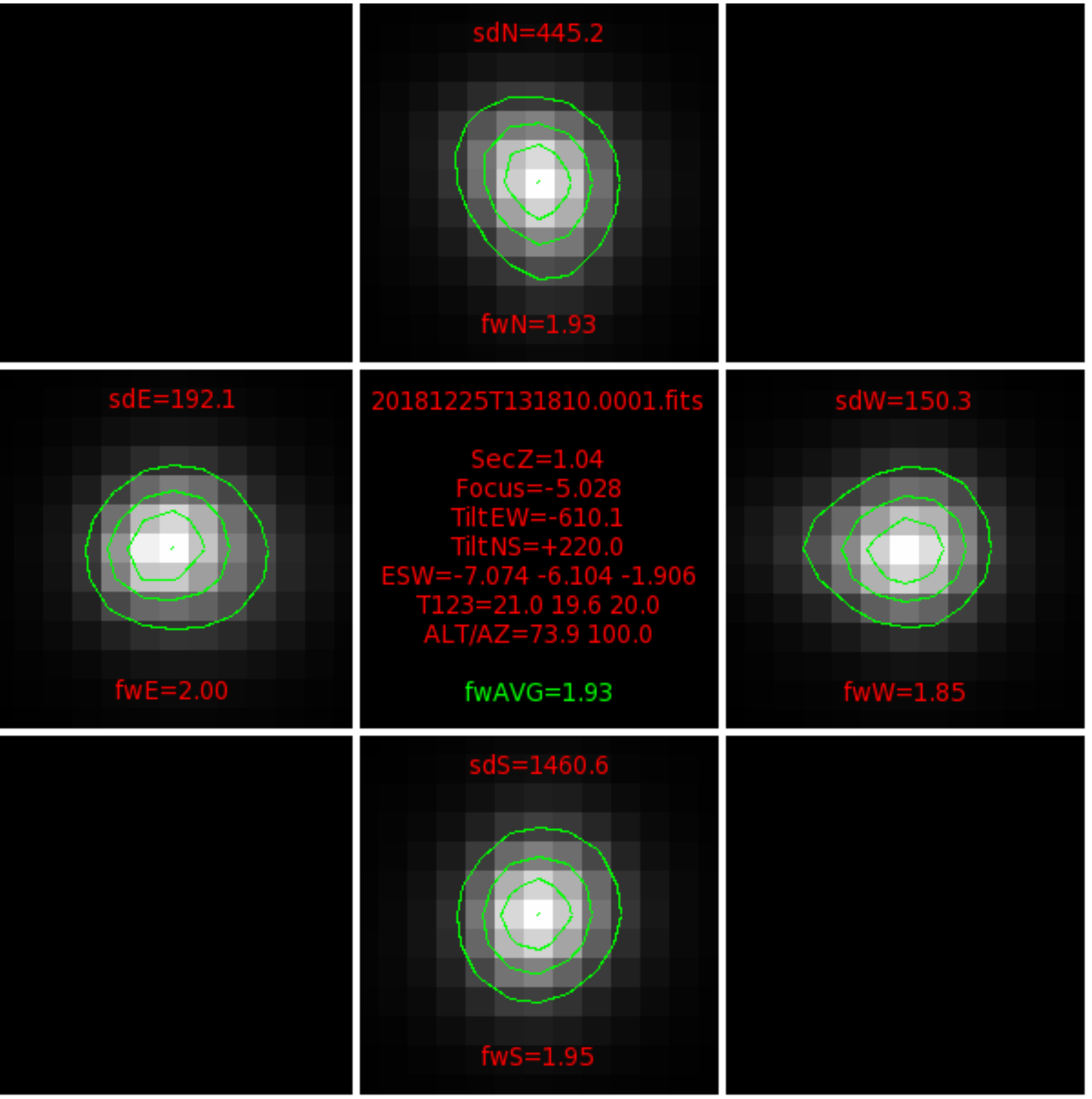

sdN=190.0
fwN=2.09
sdE=260.5
fwE=2.01
20181225T131323.0001.fits
SecZ=1.08
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.8 19.7 20.0
ALT/AZ=67.5 129.8
fwAVG=1.96
sdW=144.9
fwW=1.92
sdS=52.4
fwS=1.81
0 0 0 0 0 0 0 0 0

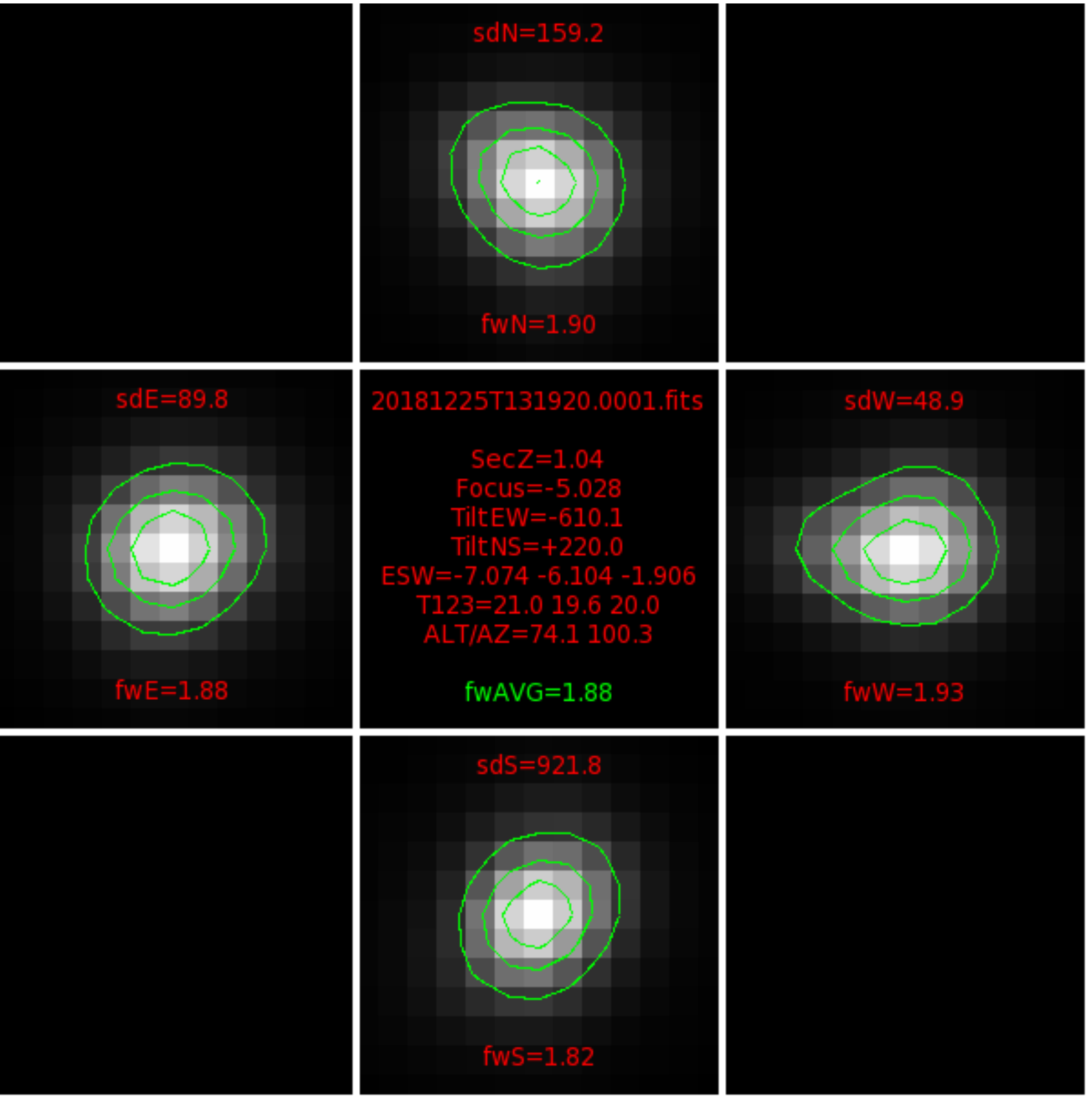

sdN=607.8
fwN=1.99
sdE=572.5
fwE=1.94
20181225T131412.0001.fits
SecZ=1.08
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.9 19.8 20.0
ALT/AZ=67.7 130.1
fwAVG=1.90
sdW=551.5
fwW=1.82
sdS=210.9
fwS=1.86
0 0 0 0 0 0 0 0 0

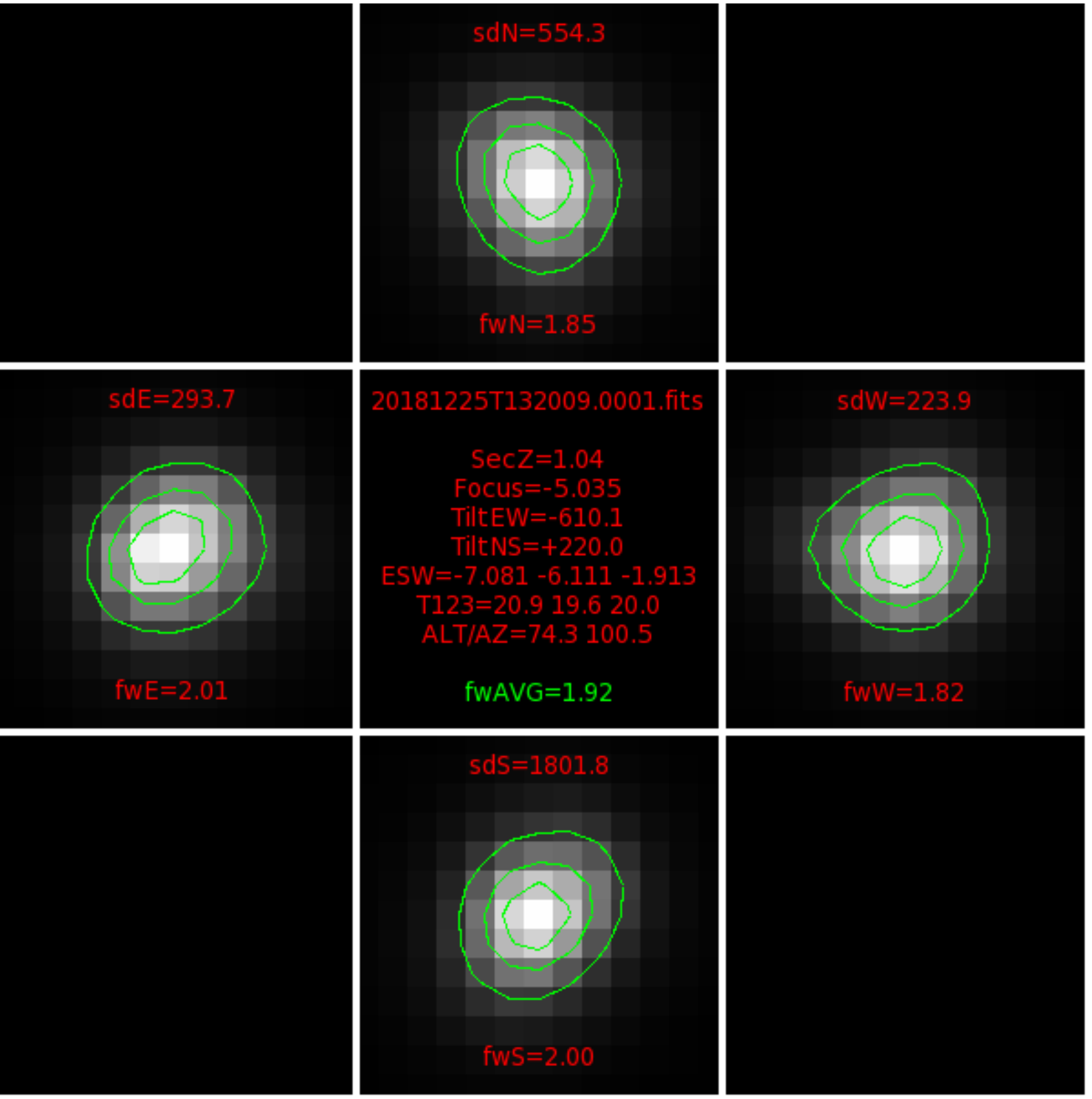

sdN=378.9
fwN=1.71
sdE=459.8
fwE=1.80
20181225T131525.0001.fits
SecZ=1.08
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=21.0 19.8 20.0
ALT/AZ=67.9 130.7
fwAVG=1.73
sdW=336.1
fwW=1.56
sdS=130.4
fwS=1.85
0 0 0 0 0 0 0 0 0

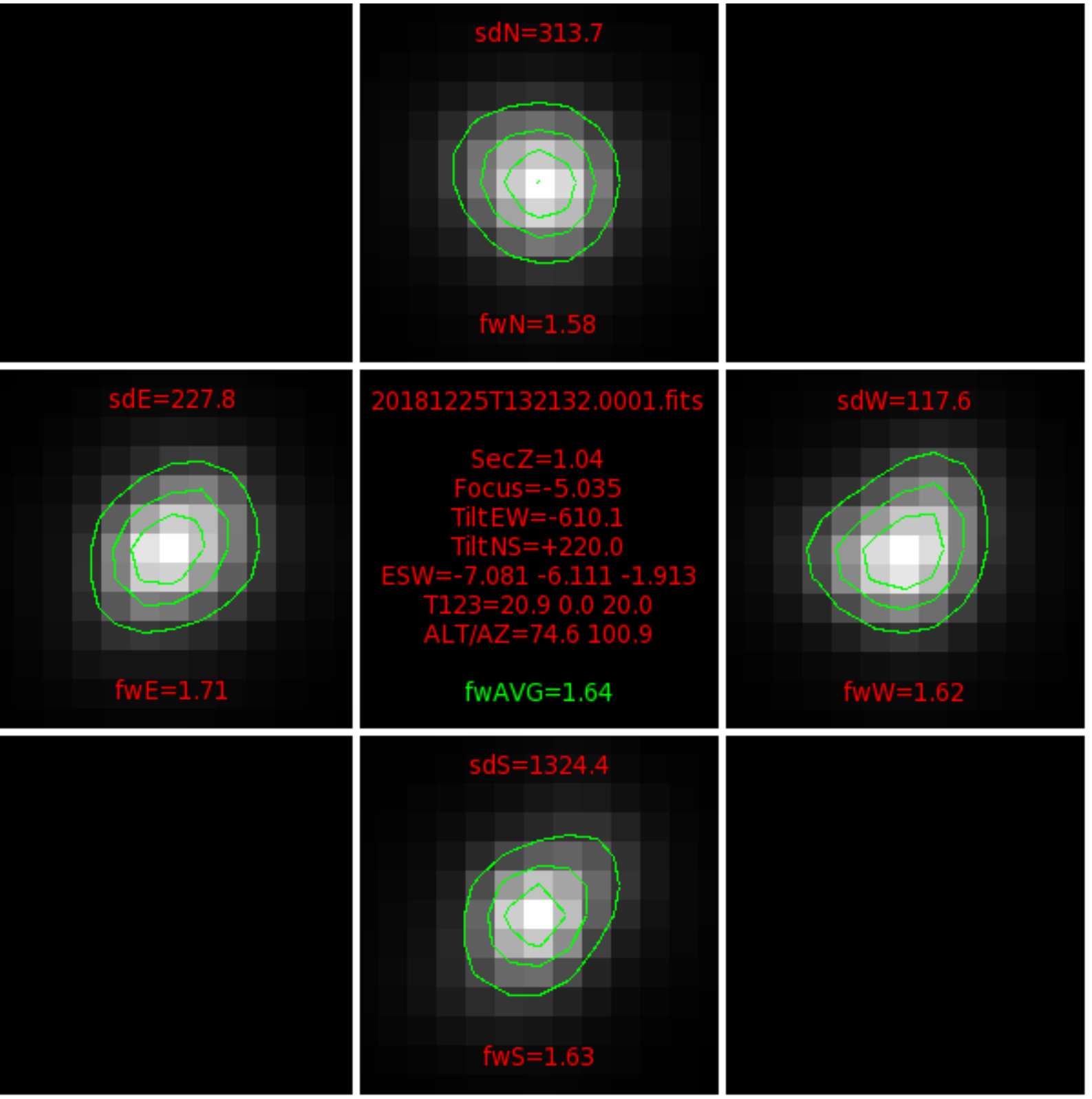

sdN=945.8
fwN=1.61
sdE=942.6
fwE=1.82
20181225T131618.0001.fits
SecZ=1.08
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=21.0 19.8 20.0
ALT/AZ=68.0 131.1
fwAVG=1.71
sdW=888.3
fwW=1.64
sdS=461.5
fwS=1.78
0 0 0 0 0 0 0 0 0

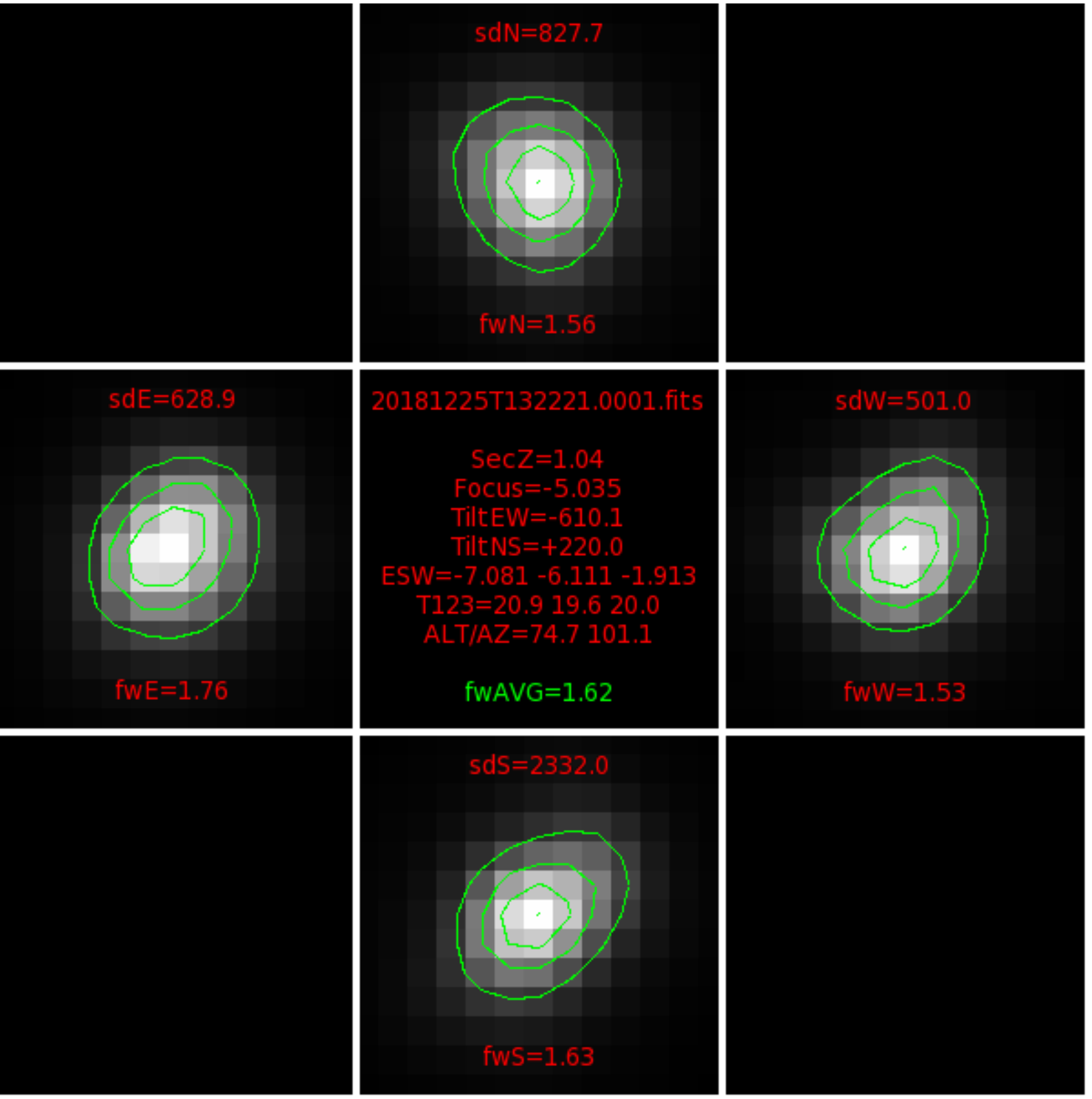

sdN=114.4
fwN=1.94
sdE=54.7
fwE=2.01
20181225T131721.0001.fits
SecZ=1.04
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=21.0 19.7 19.9
ALT/AZ=73.7 99.8
fwAVG=1.93
sdW=31.2
fwW=1.87
sdS=731.1
fwS=1.92
0 0 0 0 0 0 0 0 0

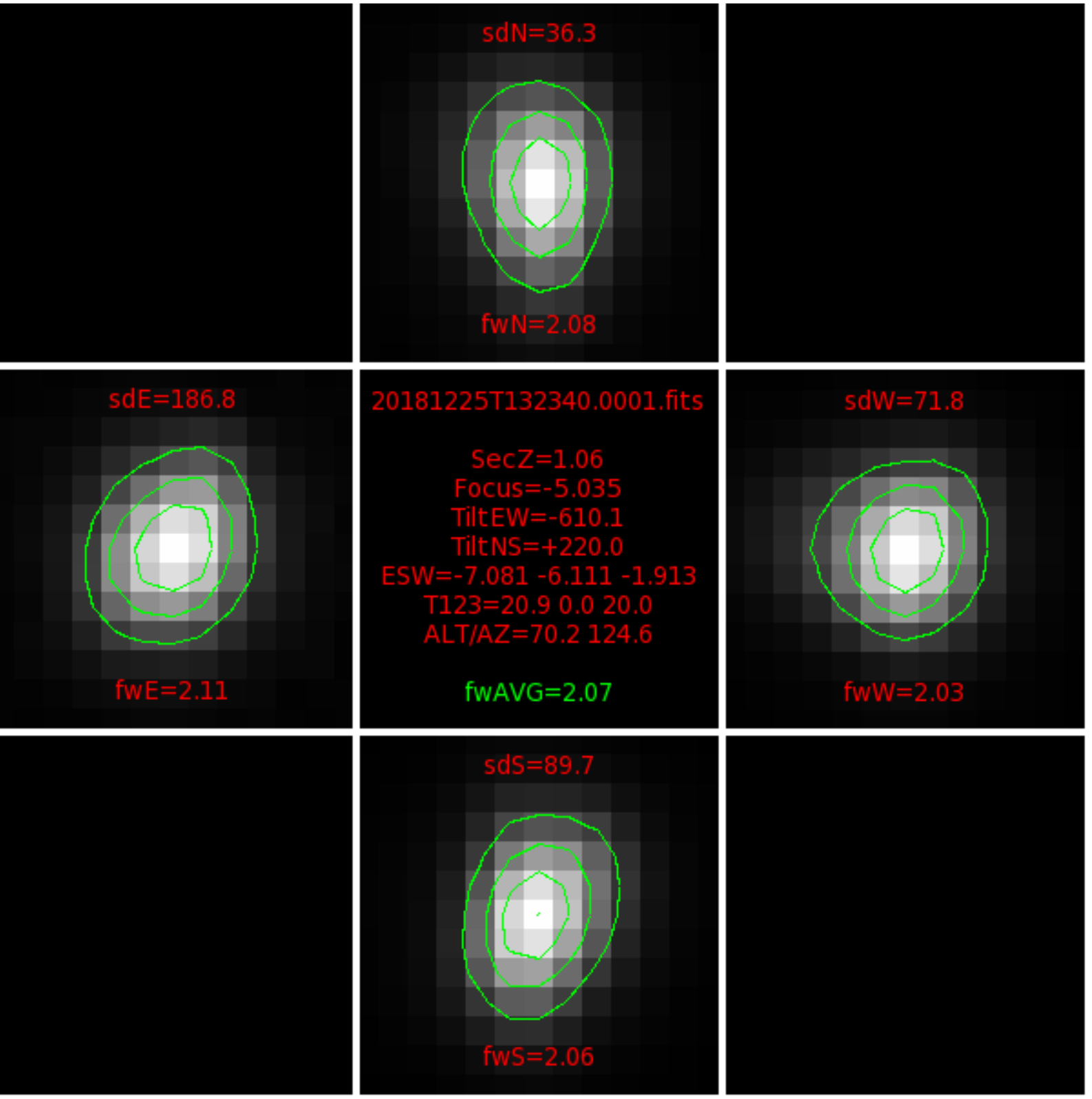

sdN=445.2
fwN=1.93
sdE=192.1
fwE=2.00
20181225T131810.0001.fits
SecZ=1.04
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.6 20.0
ALT/AZ=73.9 100.0
fwAVG=1.93
sdW=150.3
fwW=1.85
sdS=1460.6
fwS=1.95
0 0 0 0 0 0 0 0 0

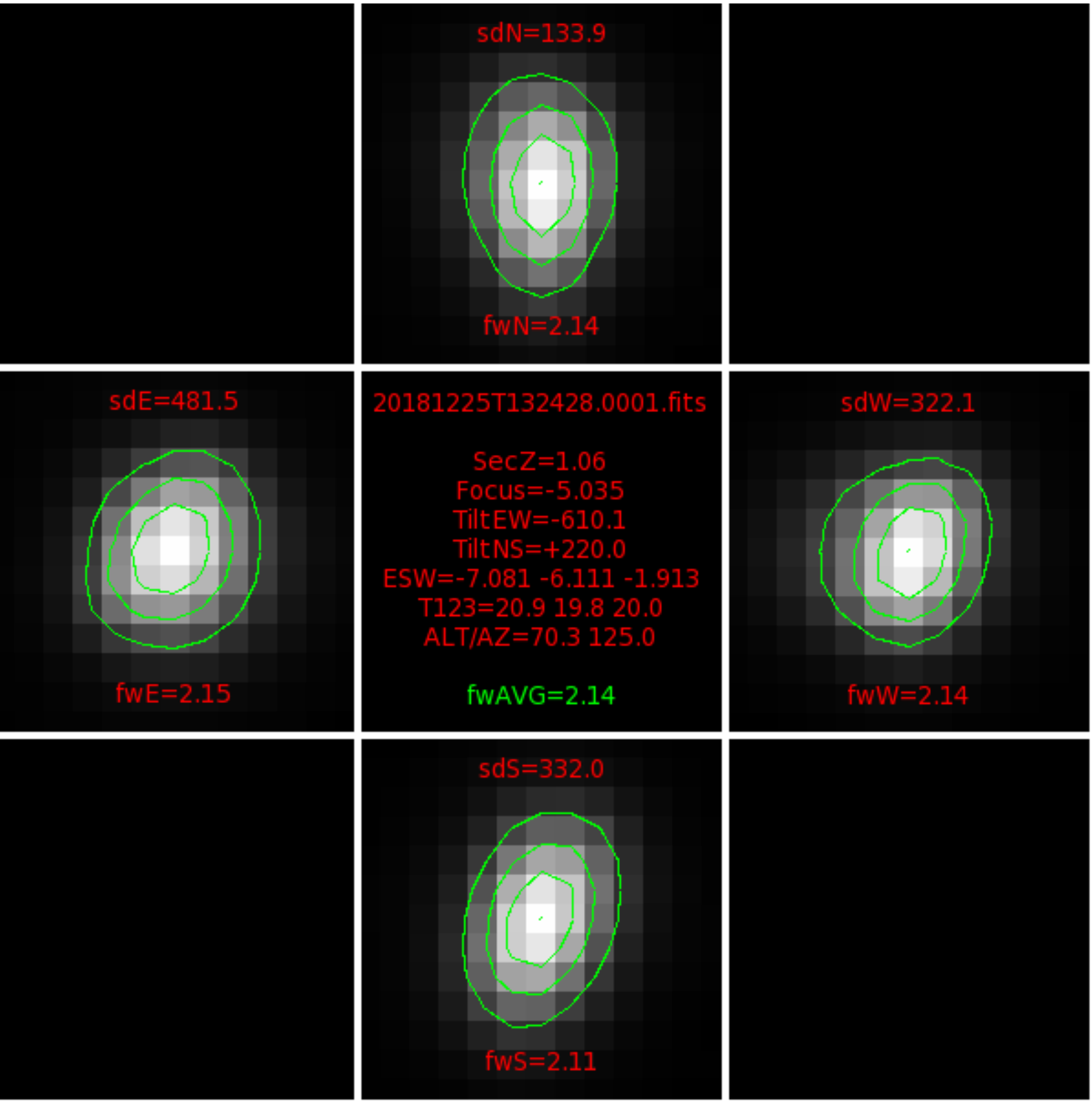

sdN=159.2
fwN=1.90
sdE=89.8
fwE=1.88
20181225T131920.0001.fits
SecZ=1.04
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=21.0 19.6 20.0
ALT/AZ=74.1 100.3
fwAVG=1.88
sdW=48.9
fwW=1.93
sdS=921.8
fwS=1.82
0 0 0 0 0 0 0 0 0

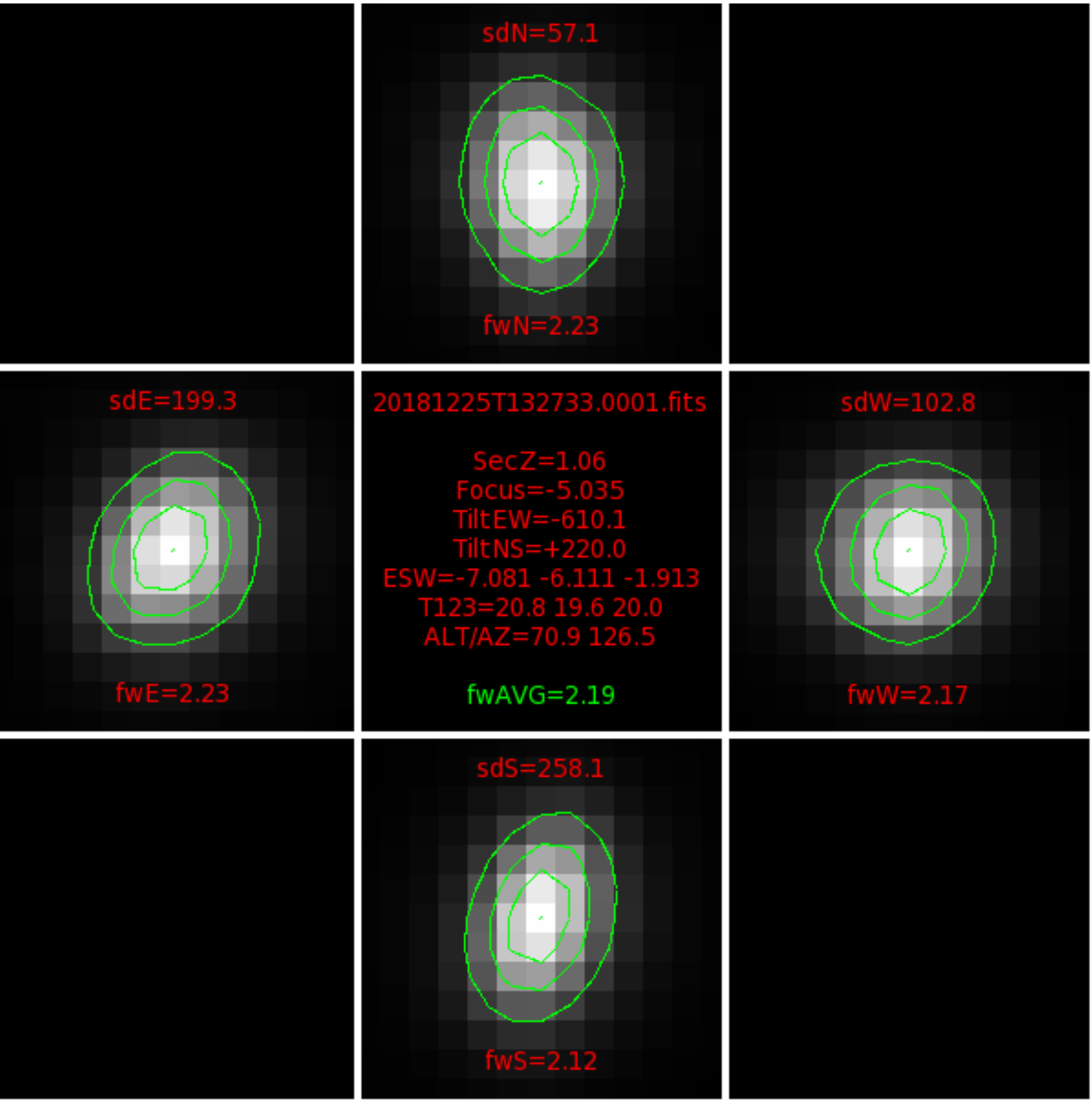

sdN=554.3
fwN=1.85
sdE=293.7
fwE=2.01
20181225T132009.0001.fits
SecZ=1.04
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.9 19.6 20.0
ALT/AZ=74.3 100.5
fwAVG=1.92
sdW=223.9
fwW=1.82
sdS=1801.8
fwS=2.00
0 0 0 0 0 0 0 0 0

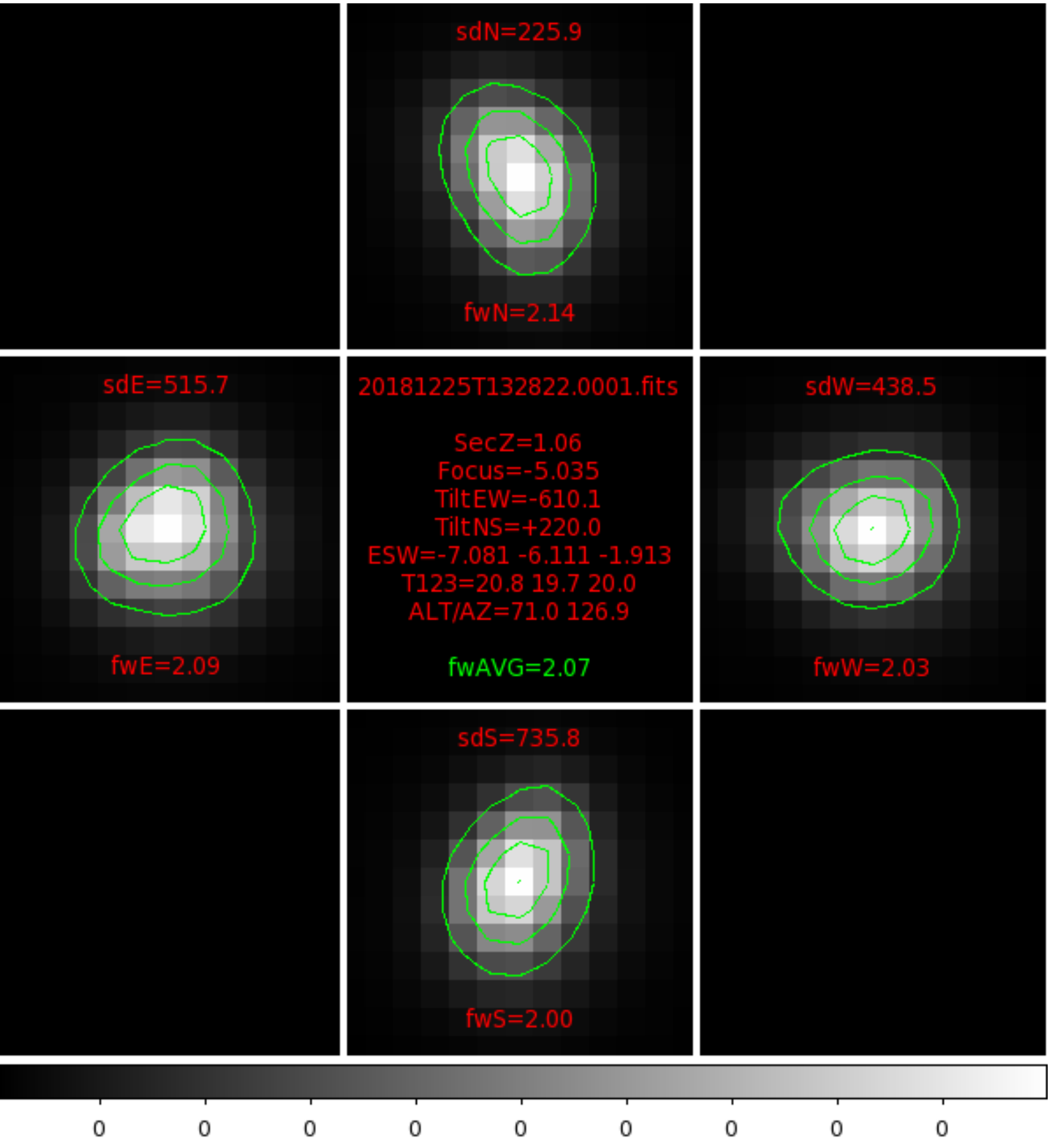

sdN=313.7
fwN=1.58
sdE=227.8
fwE=1.71
20181225T132132.0001.fits
SecZ=1.04
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.9 0.0 20.0
ALT/AZ=74.6 100.9
fwAVG=1.64
sdW=117.6
fwW=1.62
sdS=1324.4
fwS=1.63
0 0 0 0 0 0 0 0 0

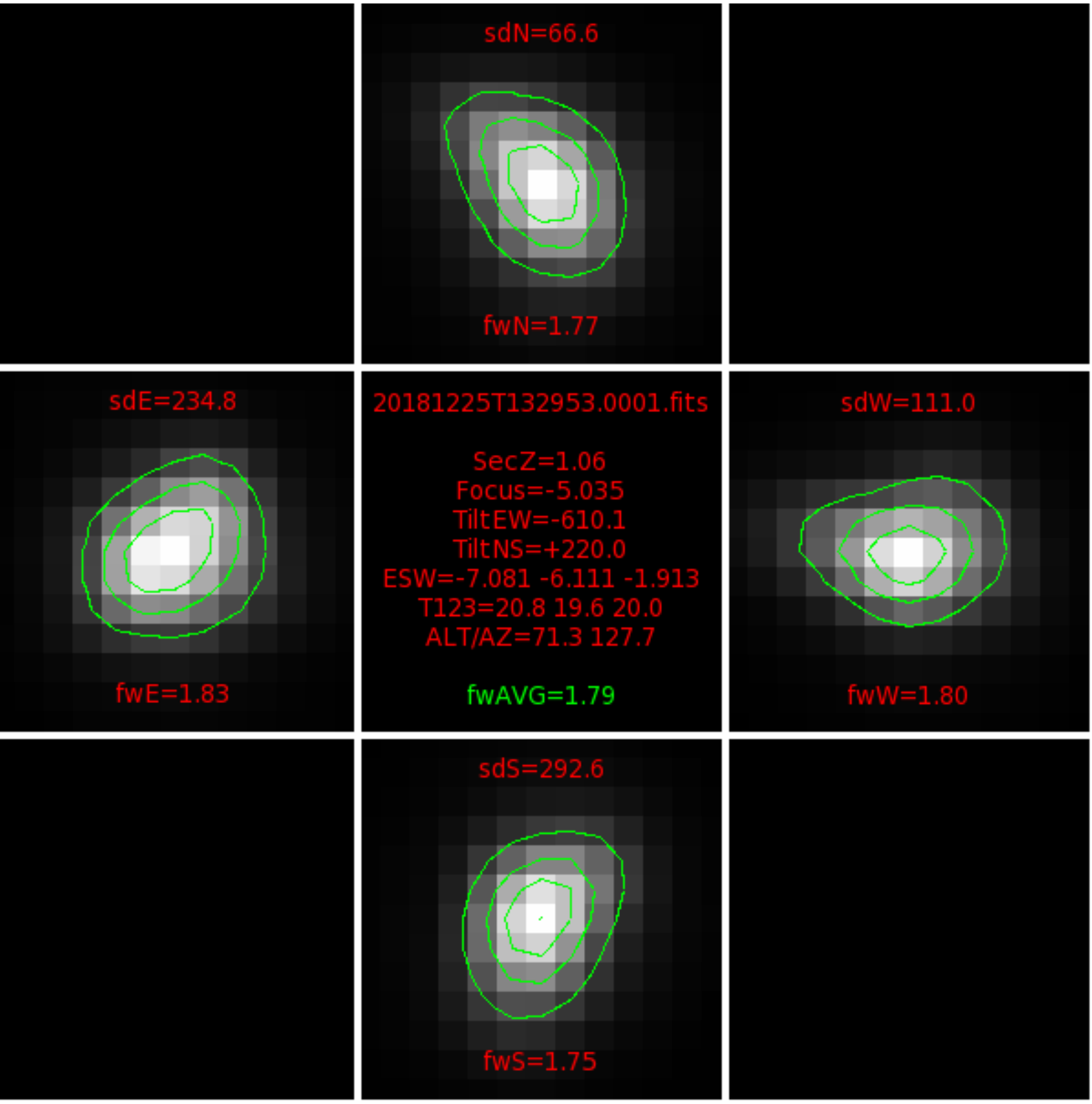

sdN=827.7
fwN=1.56
sdE=628.9
fwE=1.76
20181225T132221.0001.fits
SecZ=1.04
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.9 19.6 20.0
ALT/AZ=74.7 101.1
fwAVG=1.62
sdW=501.0
fwW=1.53
sdS=2332.0
fwS=1.63
0 0 0 0 0 0 0 0 0

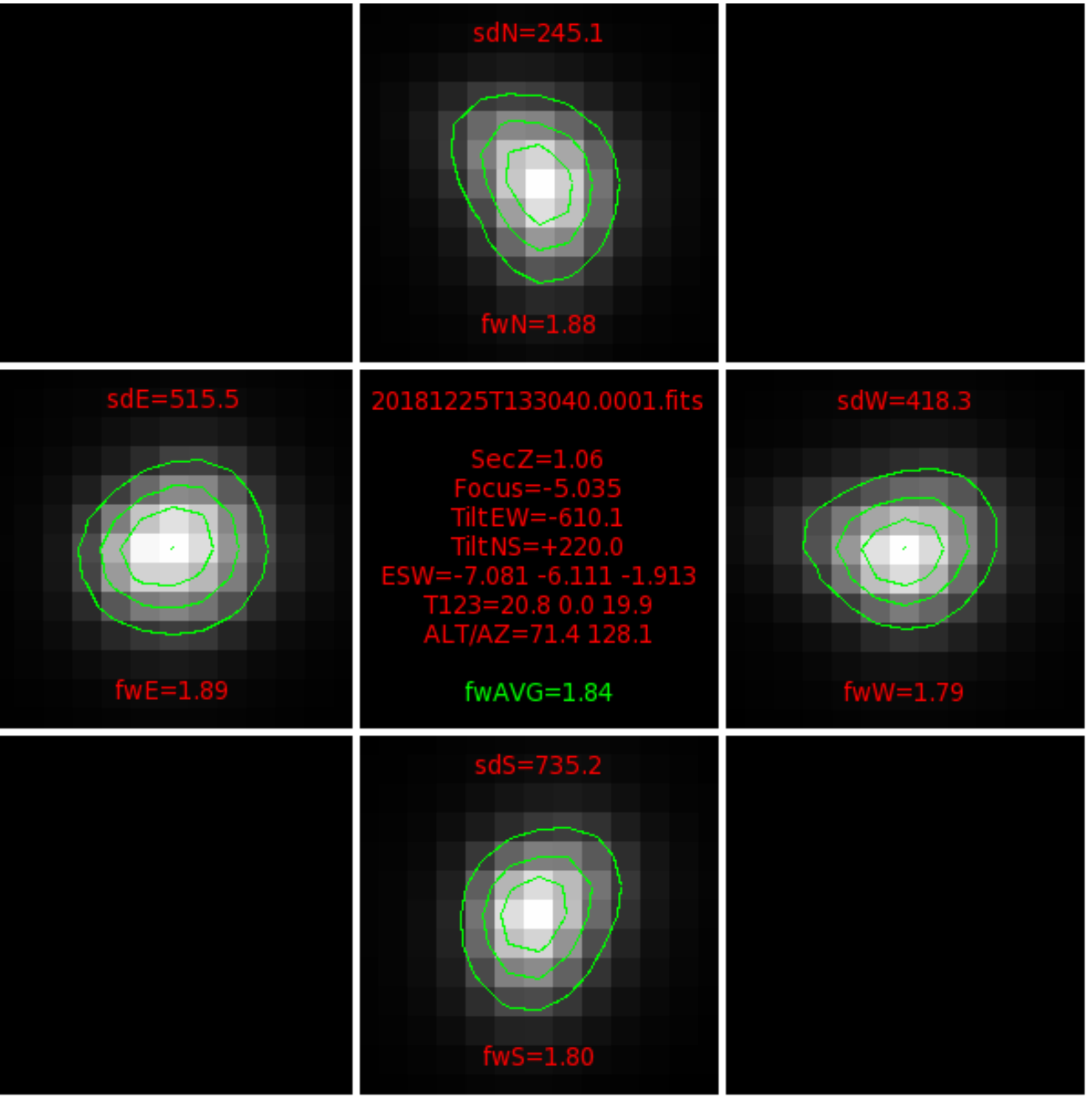

sdN=36.3
fwN=2.08
sdE=186.8
fwE=2.11
20181225T132340.0001.fits
SecZ=1.06
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.9 0.0 20.0
ALT/AZ=70.2 124.6
fwAVG=2.07
sdW=71.8
fwW=2.03
sdS=89.7
fwS=2.06
0 0 0 0 0 0 0 0 0

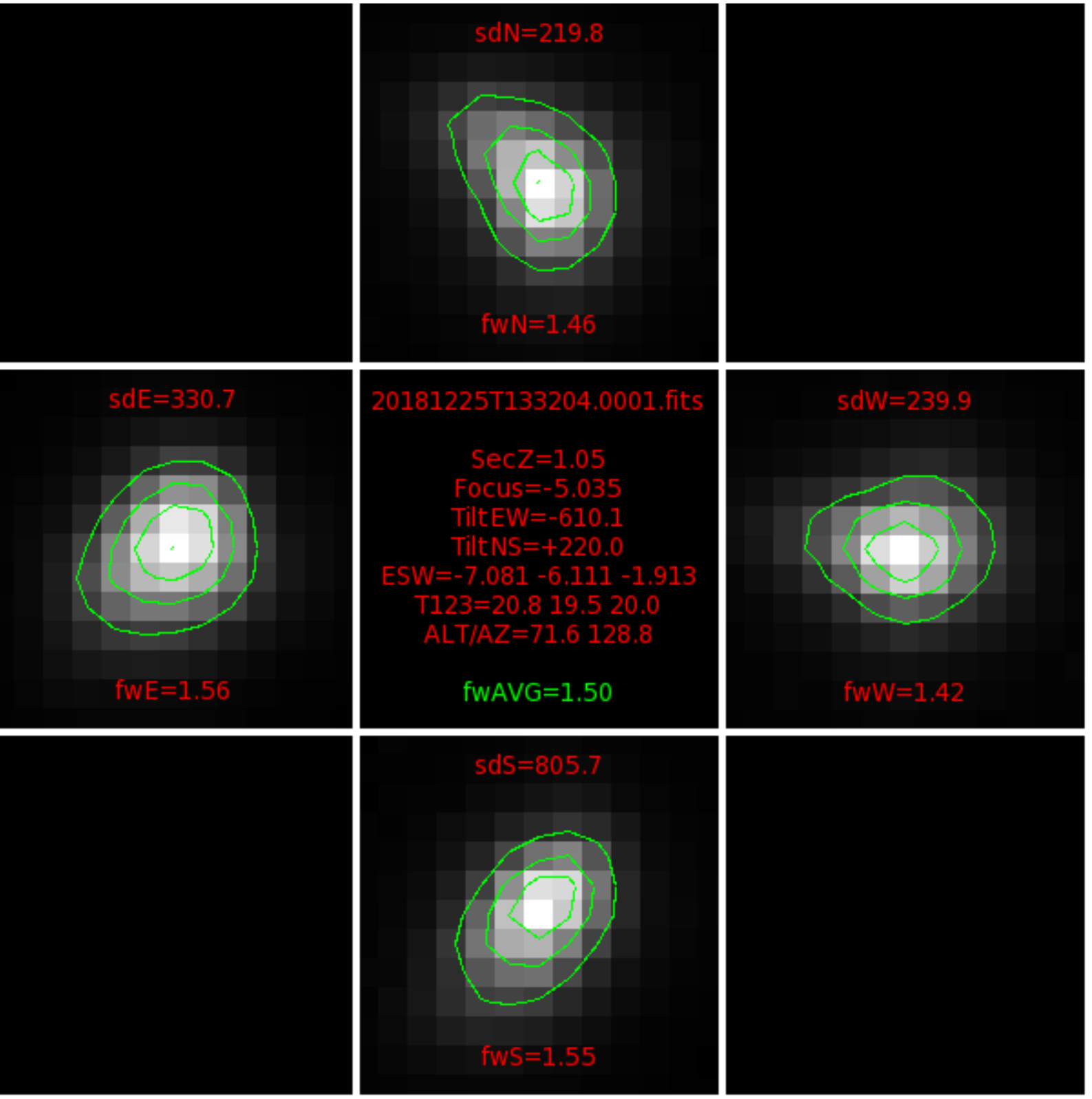

sdN=133.9
fwN=2.14
sdE=481.5
fwE=2.15
20181225T132428.0001.fits
SecZ=1.06
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.9 19.8 20.0
ALT/AZ=70.3 125.0
fwAVG=2.14
sdW=322.1
fwW=2.14
sdS=332.0
fwS=2.11
0 0 0 0 0 0 0 0 0

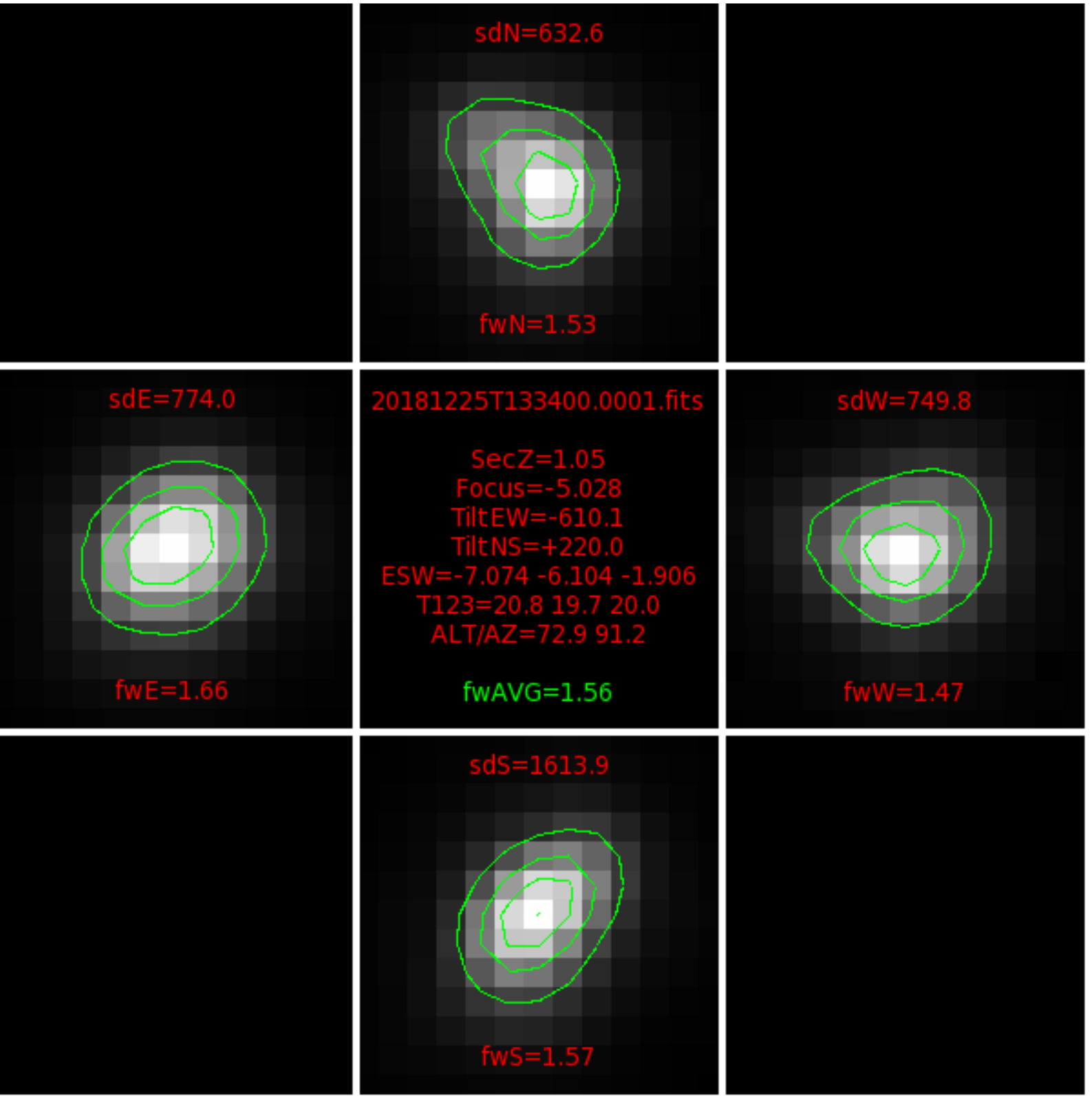

sdN=57.1
fwN=2.23
sdE=199.3
fwE=2.23
20181225T132733.0001.fits
SecZ=1.06
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.8 19.6 20.0
ALT/AZ=70.9 126.5
fwAVG=2.19
sdW=102.8
fwW=2.17
sdS=258.1
fwS=2.12
0 0 0 0 0 0 0 0 0

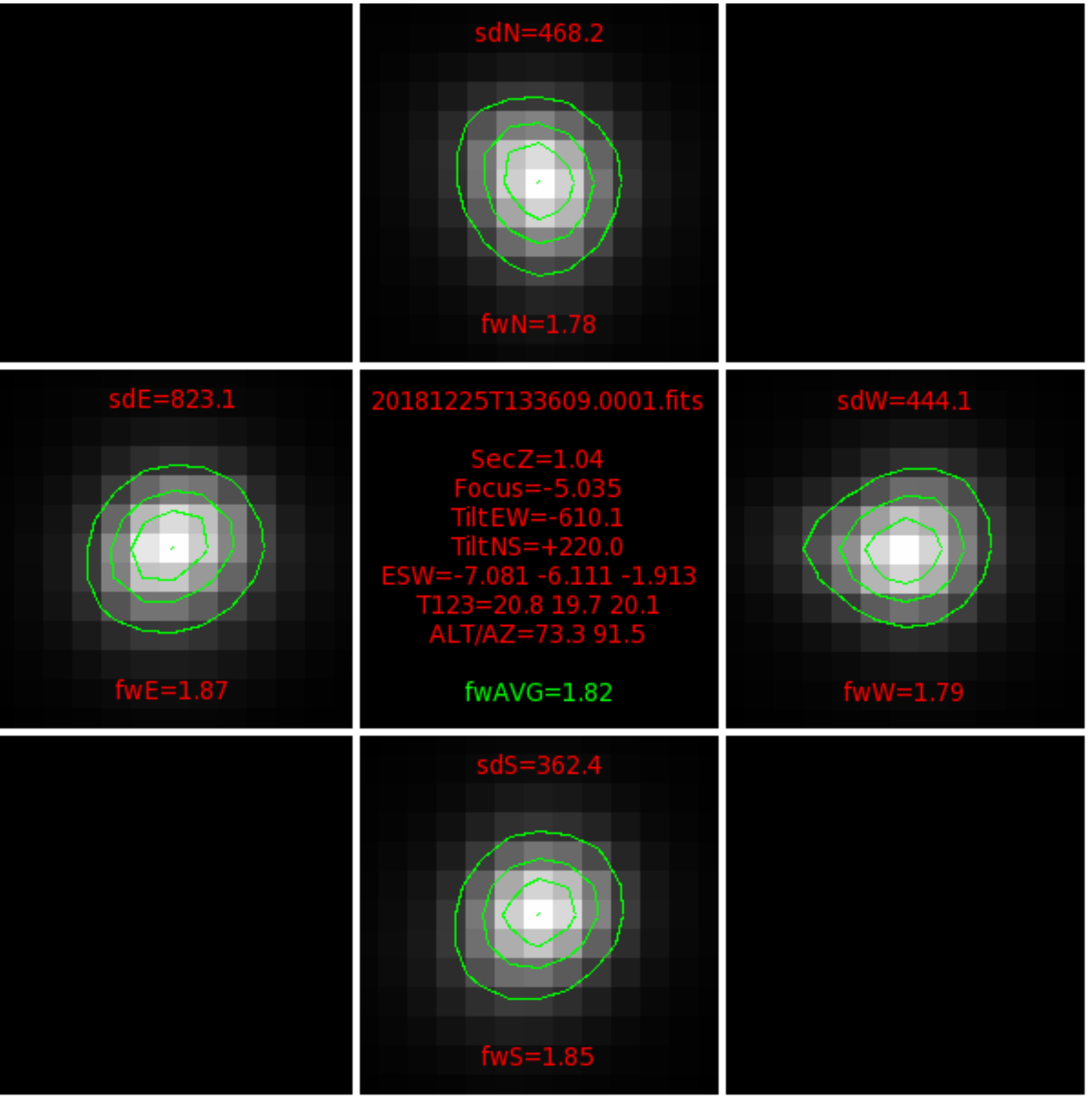

sdN=225.9
fwN=2.14
sdE=515.7
fwE=2.09
20181225T132822.0001.fits
SecZ=1.06
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.8 19.7 20.0
ALT/AZ=71.0 126.9
fwAVG=2.07
sdW=438.5
fwW=2.03
sdS=735.8
fwS=2.00
0 0 0 0 0 0 0 0 0

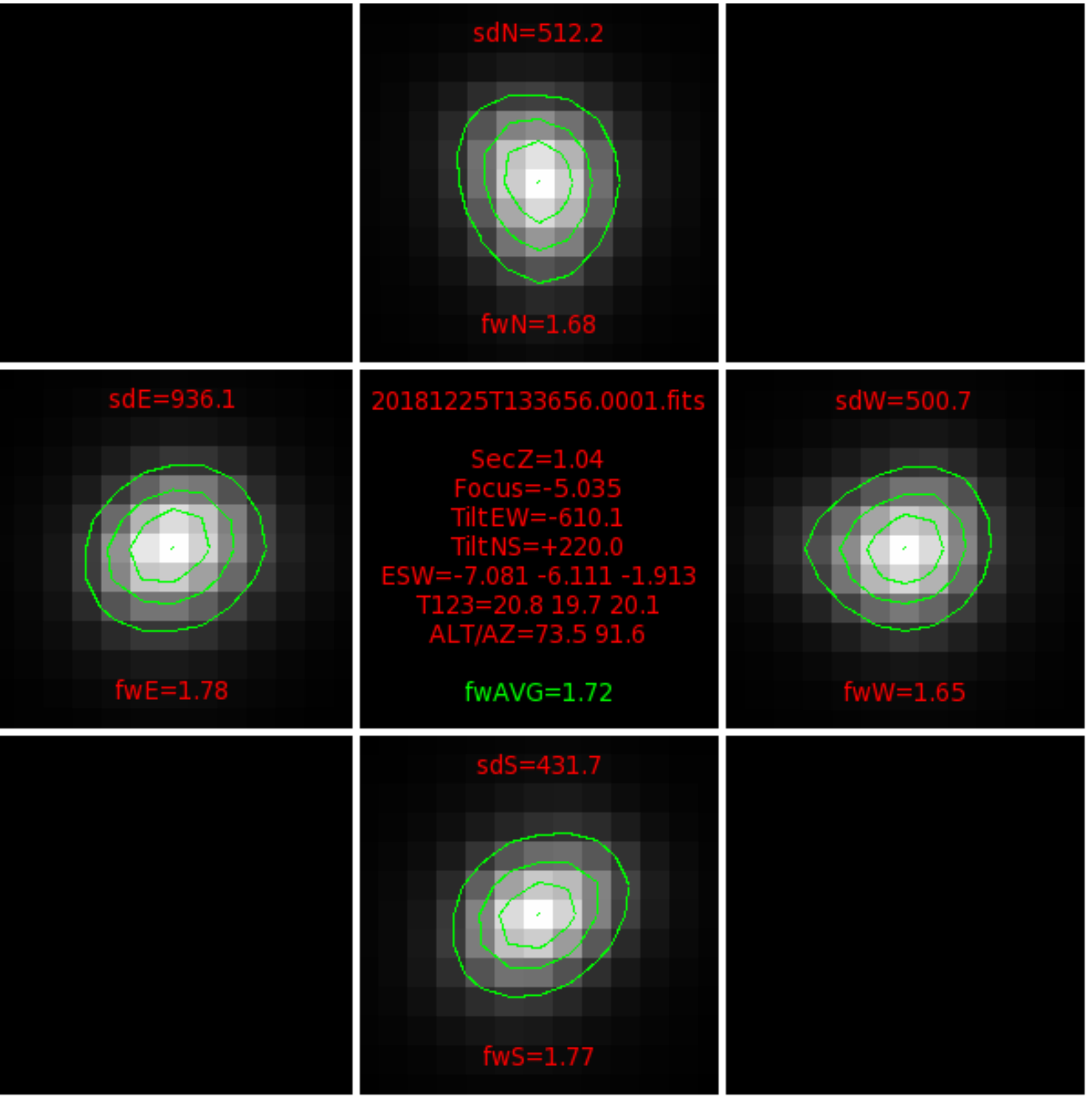

sdN=66.6
fwN=1.77
sdE=234.8
fwE=1.83
20181225T132953.0001.fits
SecZ=1.06
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.8 19.6 20.0
ALT/AZ=71.3 127.7
fwAVG=1.79
sdW=111.0
fwW=1.80
sdS=292.6
fwS=1.75
0 0 0 0 0 0 0 0 0

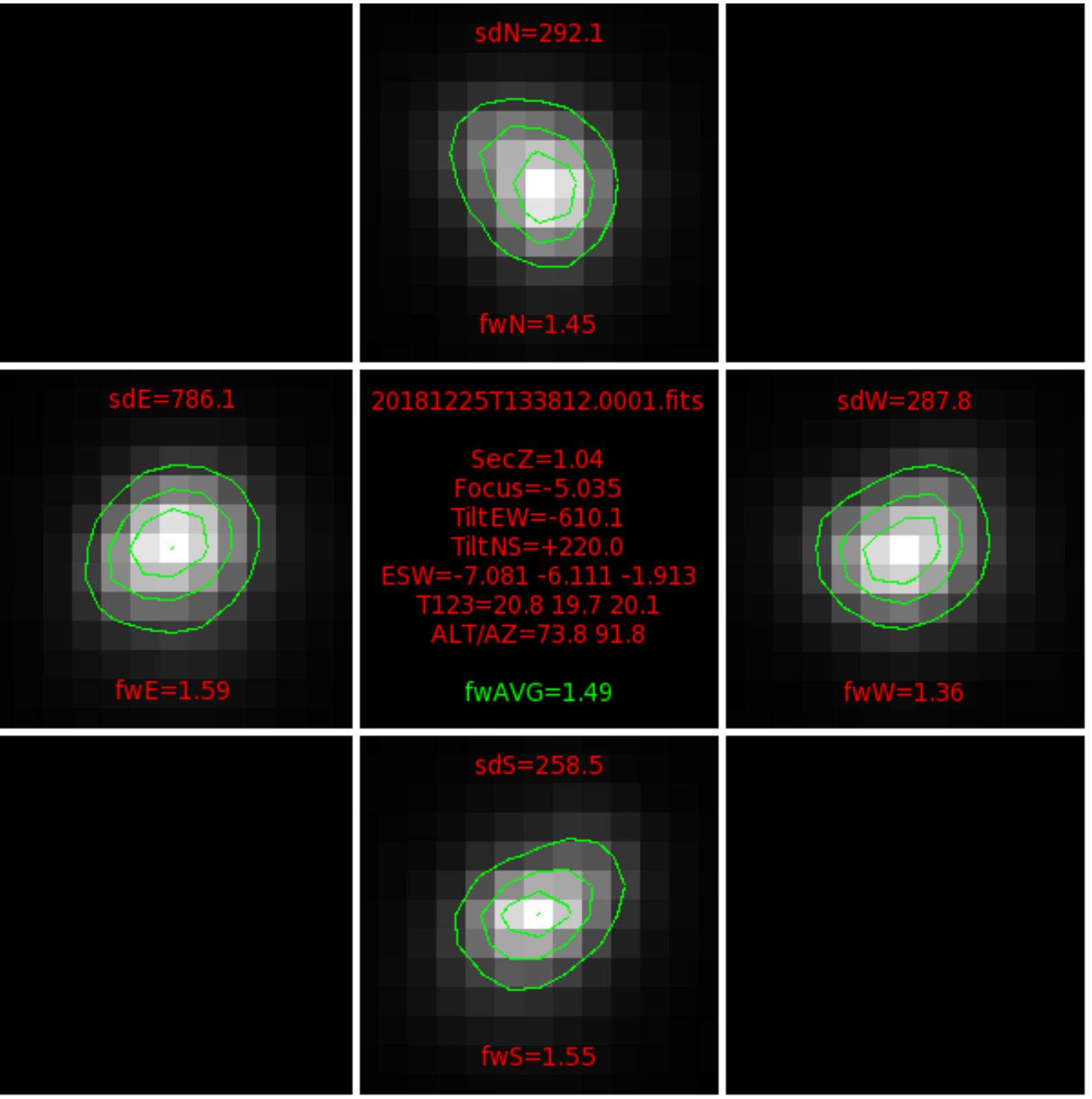

sdN=245.1
fwN=1.88
sdE=515.5
fwE=1.89
20181225T133040.0001.fits
SecZ=1.06
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.8 0.0 19.9
ALT/AZ=71.4 128.1
fwAVG=1.84
sdW=418.3
fwW=1.79
sdS=735.2
fwS=1.80
0 0 0 0 0 0 0 0 0

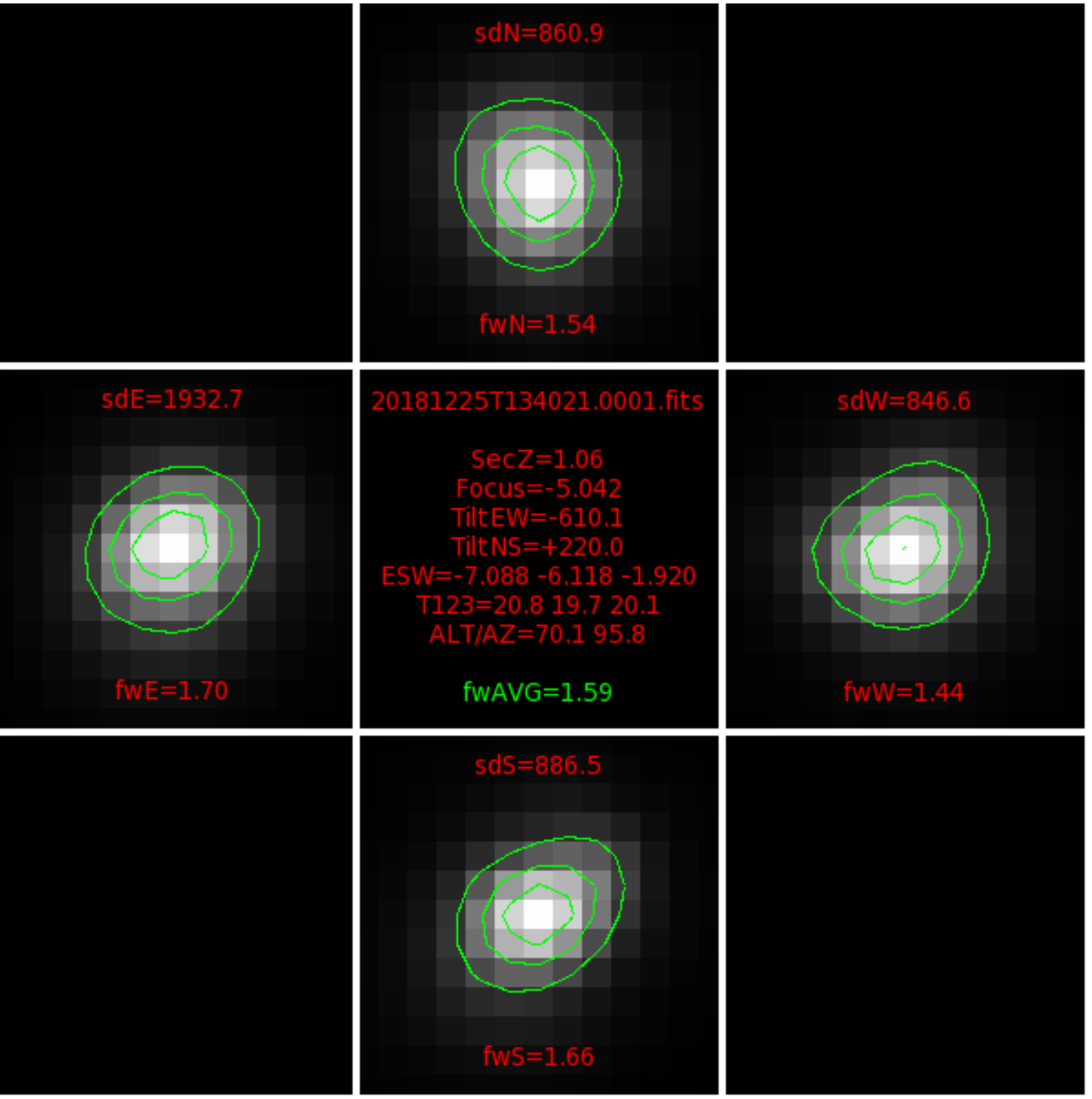

sdN=219.8
fwN=1.46
sdE=330.7
fwE=1.56
20181225T133204.0001.fits
SecZ=1.05
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.8 19.5 20.0
ALT/AZ=71.6 128.8
fwAVG=1.50
sdW=239.9
fwW=1.42
sdS=805.7
fwS=1.55
0 0 0 0 0 0 0 0 0

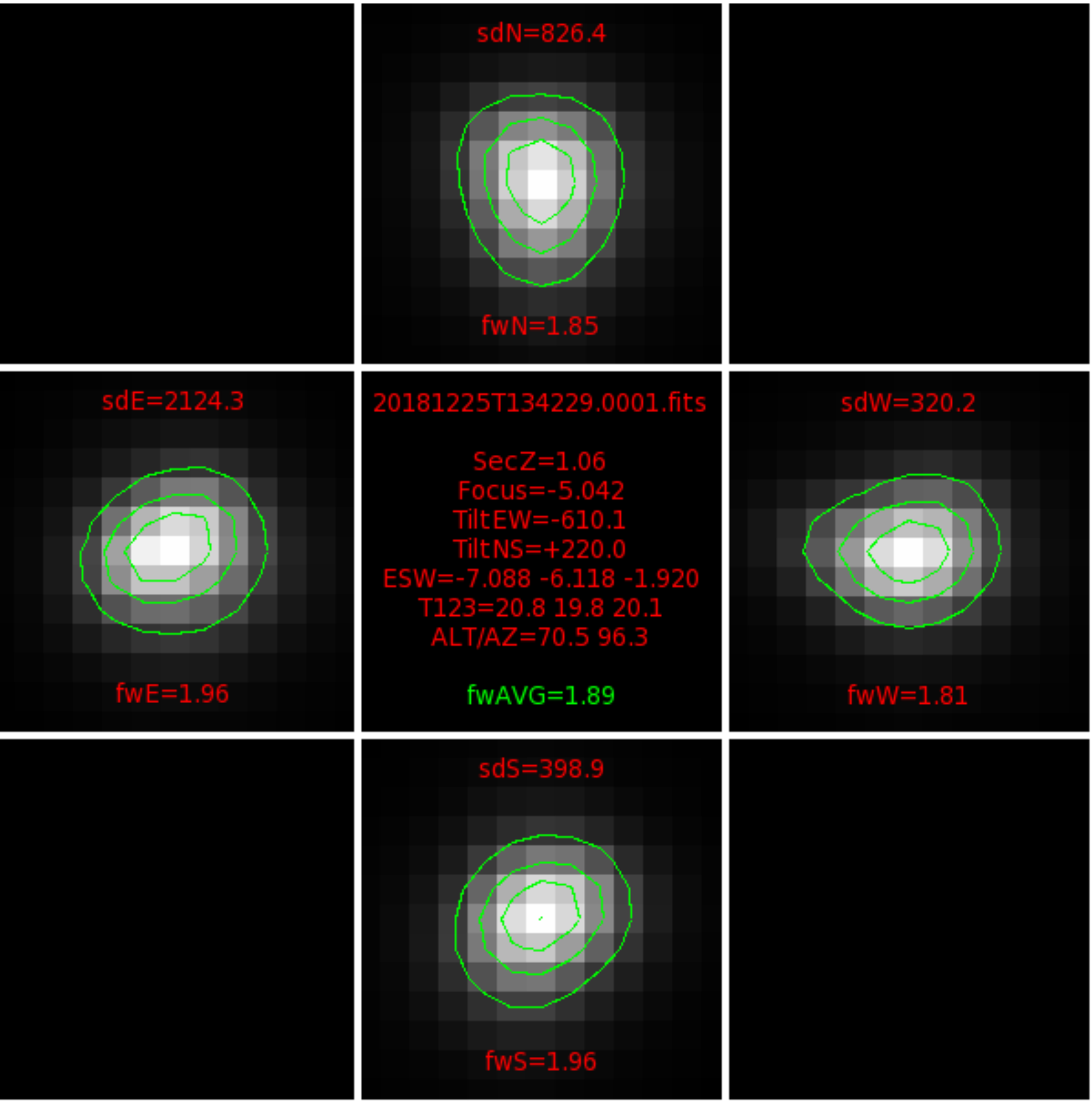

sdN=632.6
fwN=1.53
sdE=774.0
fwE=1.66
20181225T133400.0001.fits
SecZ=1.05
Focus=-5.028
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.074 -6.104 -1.906
T123=20.8 19.7 20.0
ALT/AZ=72.9 91.2
fwAVG=1.56
sdW=749.8
fwW=1.47
sdS=1613.9
fwS=1.57
0 0 0 0 0 0 0 0 0

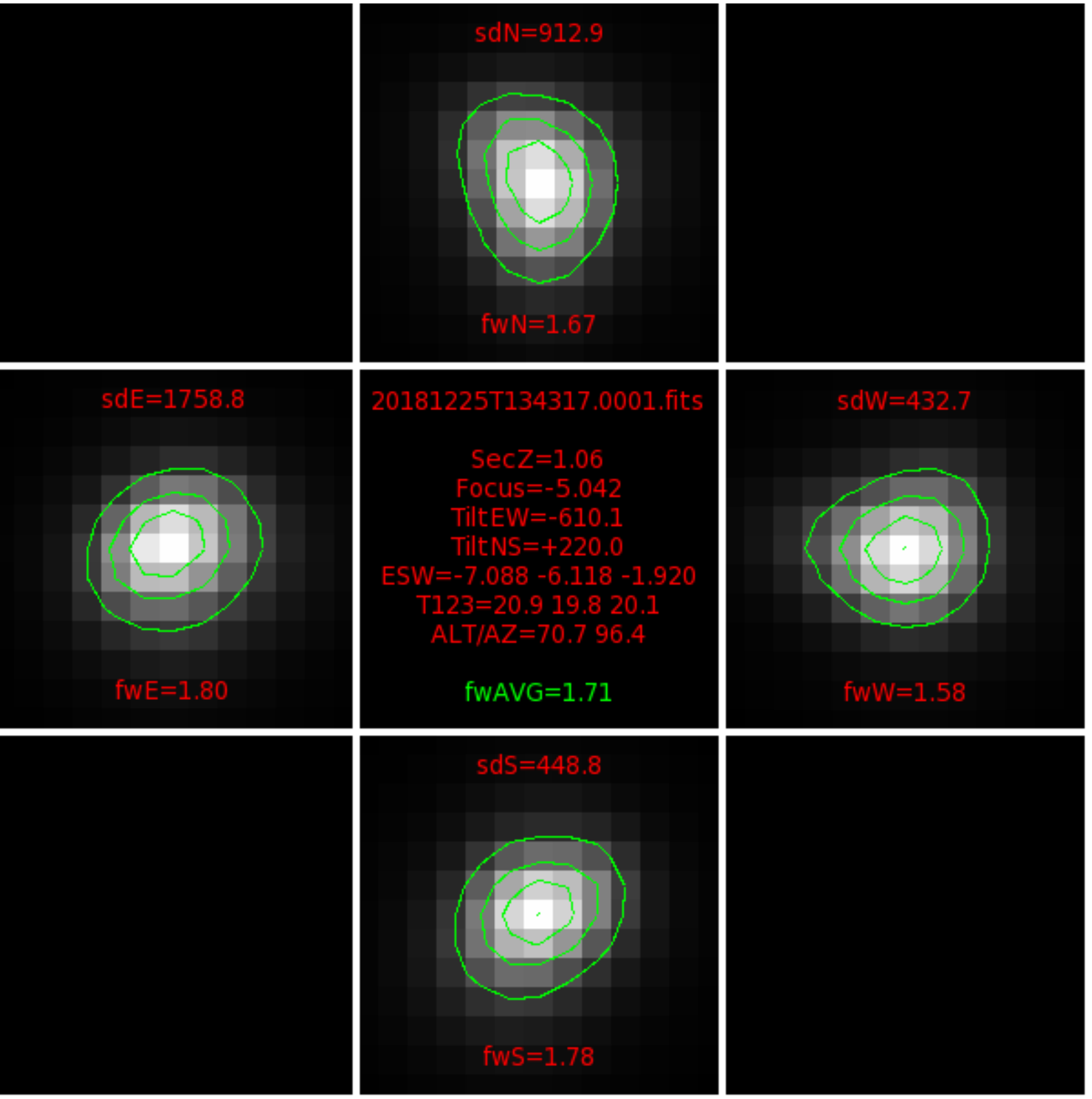

sdN=468.2
fwN=1.78
sdE=823.1
fwE=1.87
20181225T133609.0001.fits
SecZ=1.04
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.8 19.7 20.1
ALT/AZ=73.3 91.5
fwAVG=1.82
sdW=444.1
fwW=1.79
sdS=362.4
fwS=1.85
0 0 0 0 0 0 0 0 0

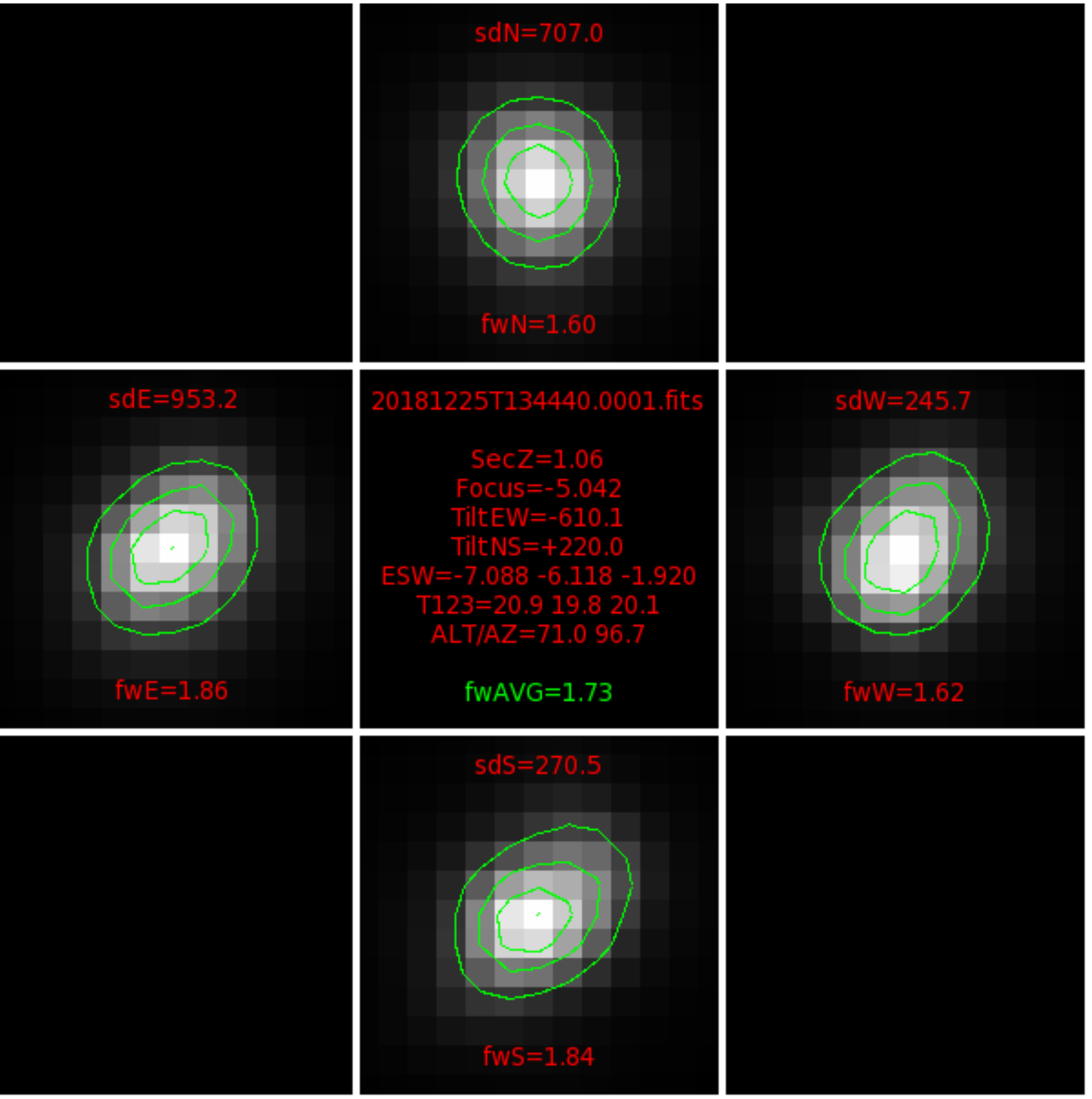

sdN=512.2
fwN=1.68
sdE=936.1
fwE=1.78
20181225T133656.0001.fits
SecZ=1.04
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.8 19.7 20.1
ALT/AZ=73.5 91.6
fwAVG=1.72
sdW=500.7
fwW=1.65
sdS=431.7
fwS=1.77
0 0 0 0 0 0 0 0 0

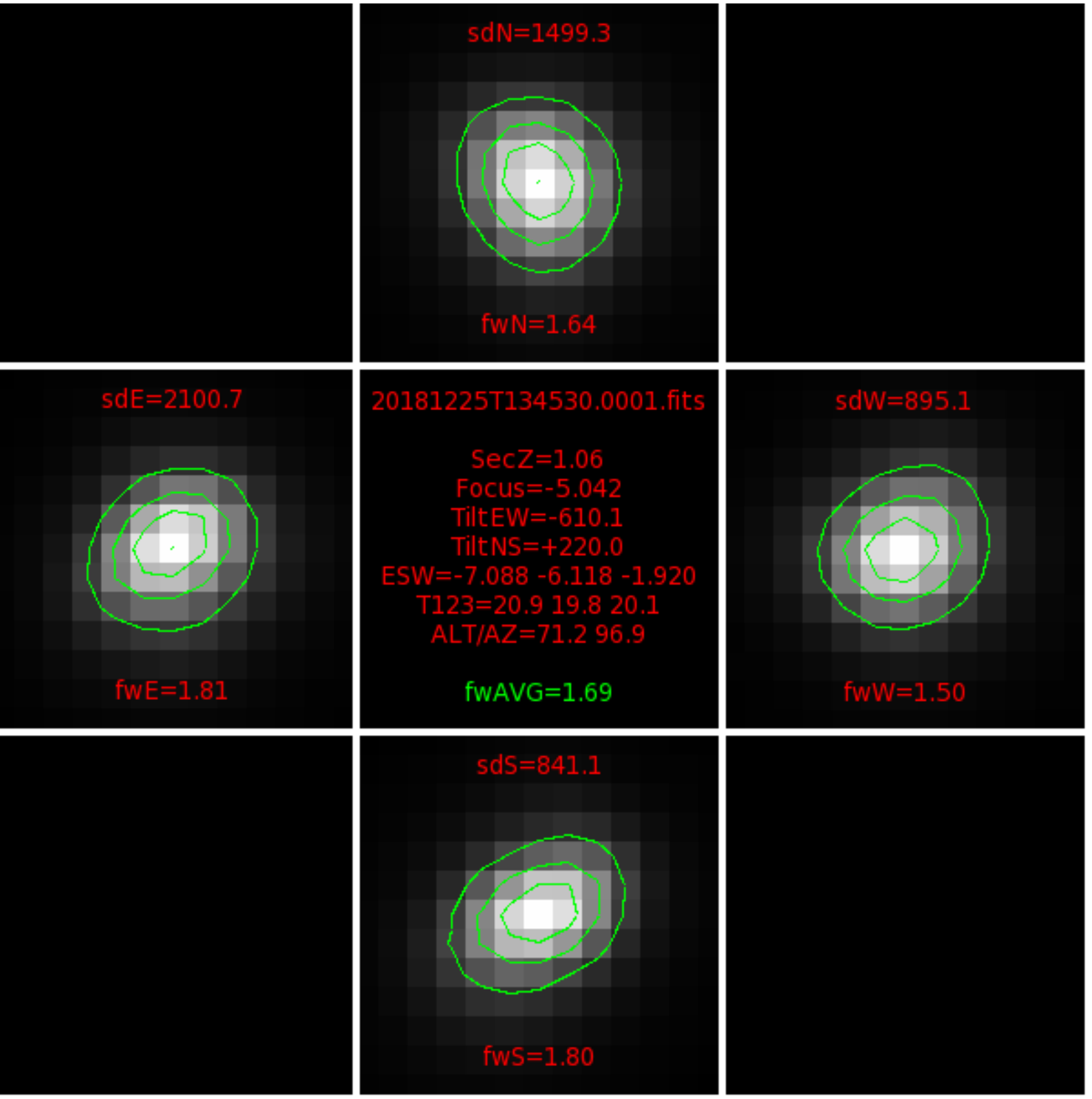

sdN=292.1
fwN=1.45
sdE=786.1
fwE=1.59
20181225T133812.0001.fits
SecZ=1.04
Focus=-5.035
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.081 -6.111 -1.913
T123=20.8 19.7 20.1
ALT/AZ=73.8 91.8
fwAVG=1.49
sdW=287.8
fwW=1.36
sdS=258.5
fwS=1.55
0 0 0 0 0 0 0 0 0

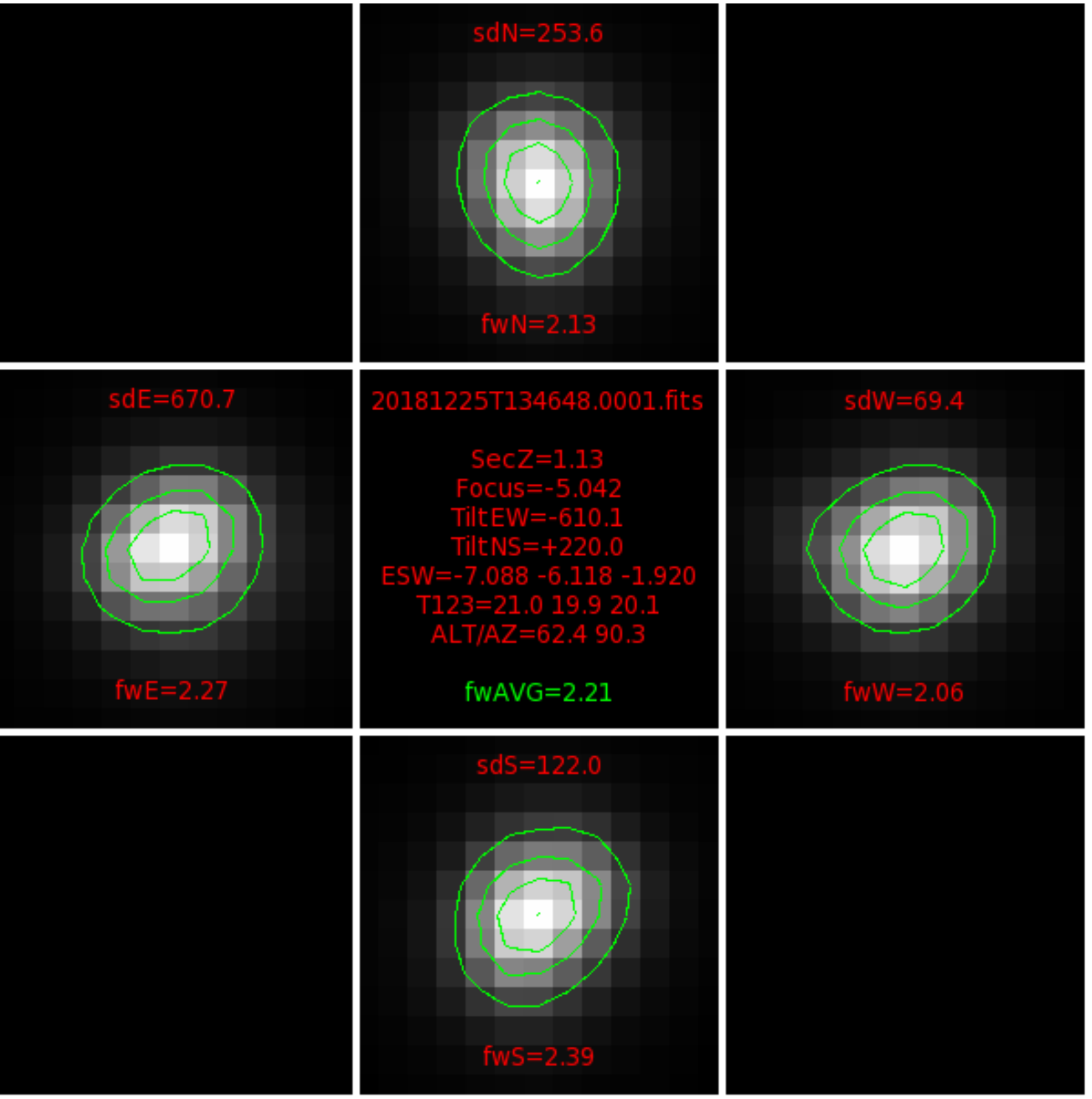

sdN=860.9
fwN=1.54
sdE=1932.7
fwE=1.70
20181225T134021.0001.fits
SecZ=1.06
Focus=-5.042
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.088 -6.118 -1.920
T123=20.8 19.7 20.1
ALT/AZ=70.1 95.8
fwAVG=1.59
sdW=846.6
fwW=1.44
sdS=886.5
fwS=1.66
0 0 0 0 0 0 0 0 0

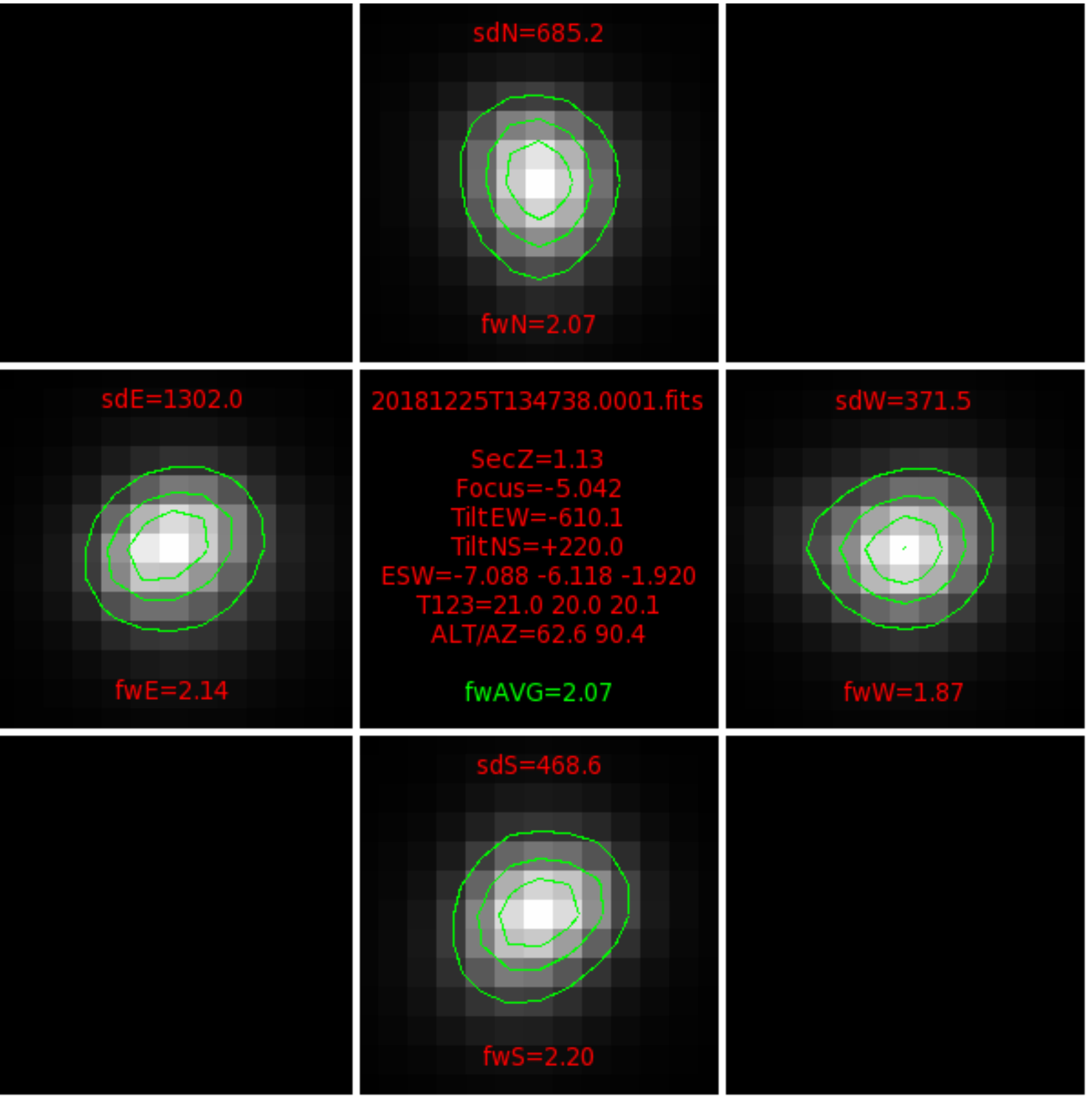

sdN=826.4
fwN=1.85
sdE=2124.3
fwE=1.96
20181225T134229.0001.fits
SecZ=1.06
Focus=-5.042
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.088 -6.118 -1.920
T123=20.8 19.8 20.1
ALT/AZ=70.5 96.3
fwAVG=1.89
sdW=320.2
fwW=1.81
sdS=398.9
fwS=1.96
0 0 0 0 0 0 0 0 0

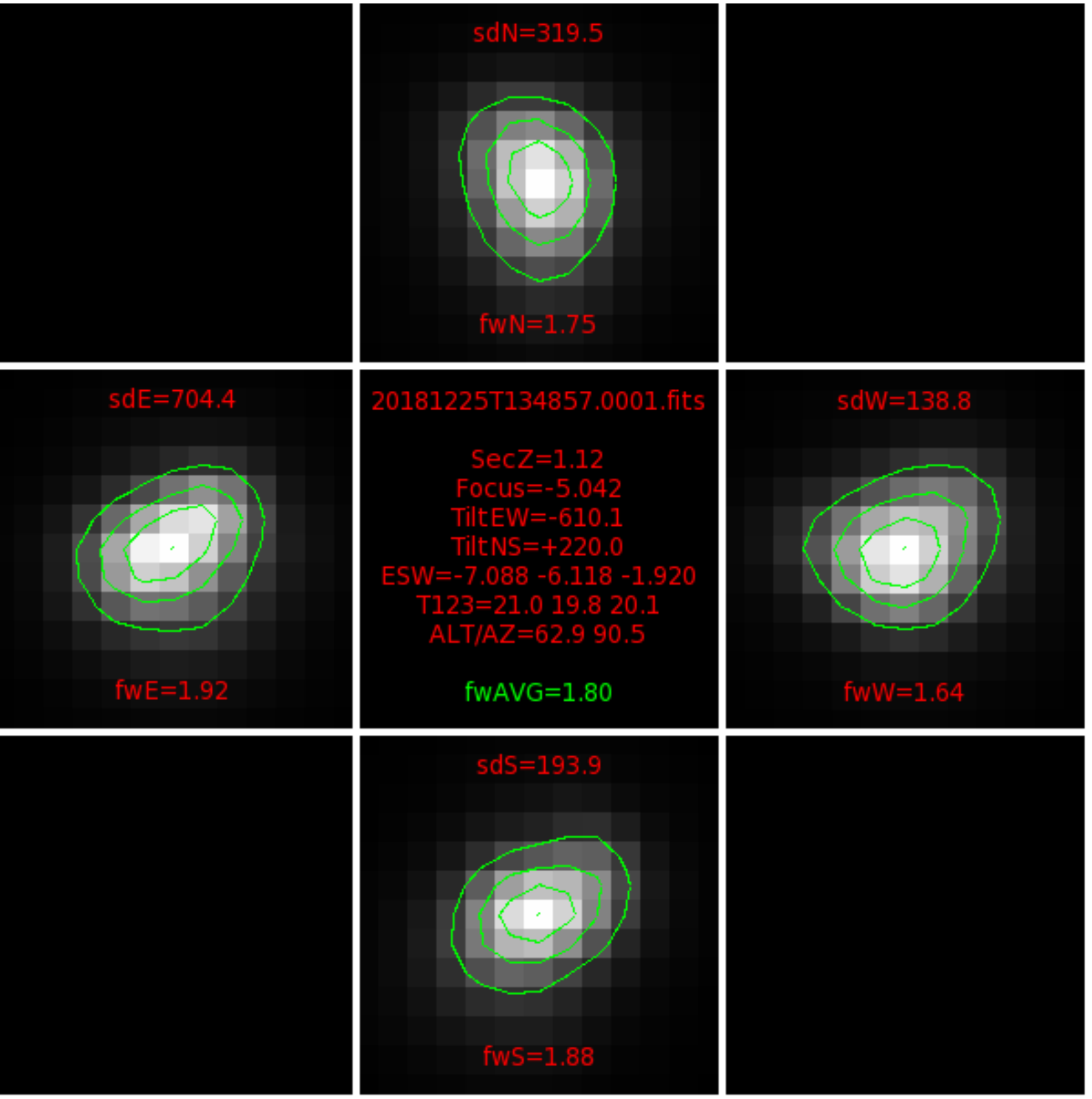

sdN=912.9
fwN=1.67
sdE=1758.8
fwE=1.80
20181225T134317.0001.fits
SecZ=1.06
Focus=-5.042
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.088 -6.118 -1.920
T123=20.9 19.8 20.1
ALT/AZ=70.7 96.4
fwAVG=1.71
sdW=432.7
fwW=1.58
sdS=448.8
fwS=1.78
0 0 0 0 0 0 0 0 0

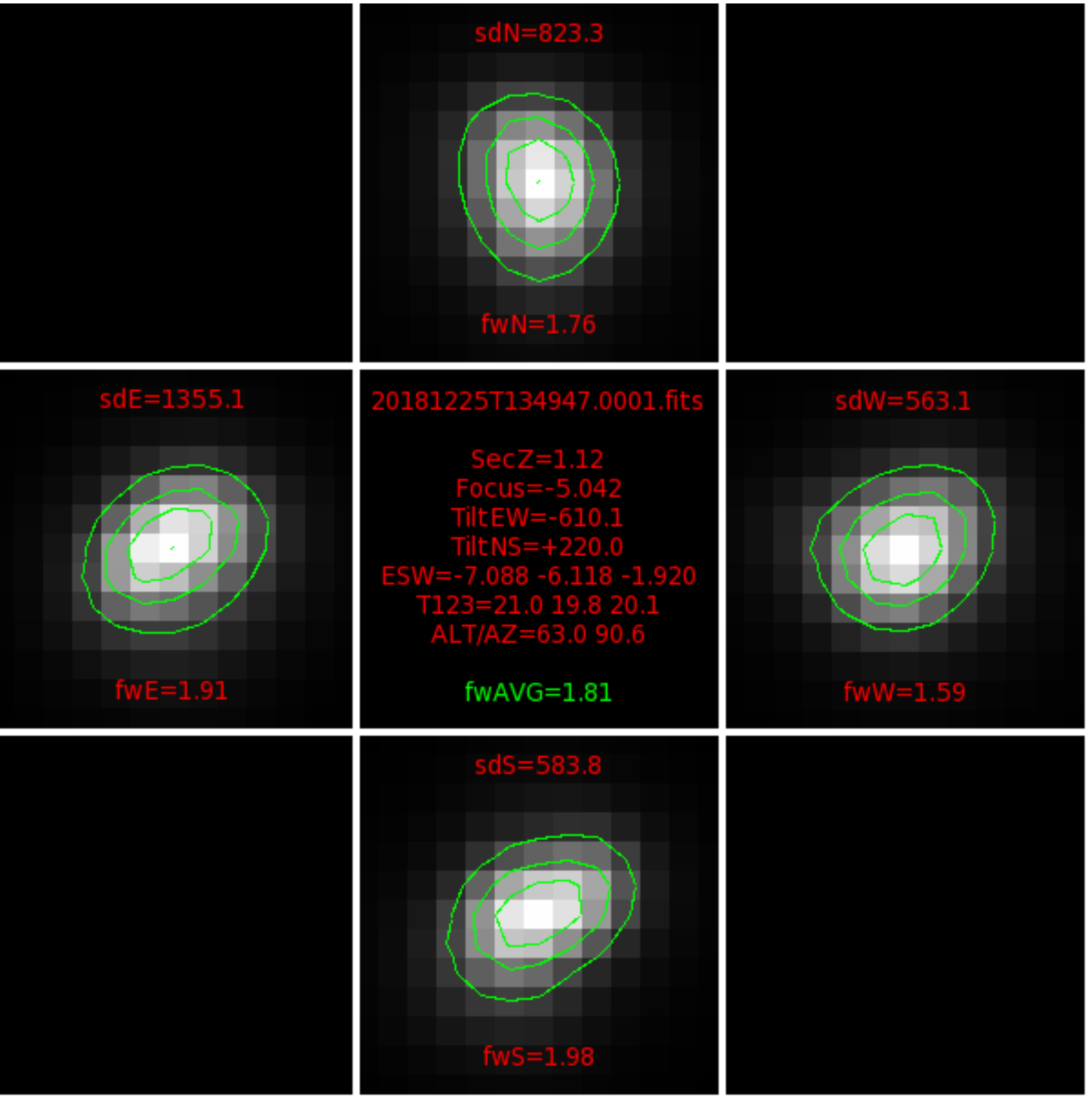

sdN=707.0
fwN=1.60
sdE=953.2
fwE=1.86
20181225T134440.0001.fits
SecZ=1.06
Focus=-5.042
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.088 -6.118 -1.920
T123=20.9 19.8 20.1
ALT/AZ=71.0 96.7
fwAVG=1.73
sdW=245.7
fwW=1.62
sdS=270.5
fwS=1.84
0 0 0 0 0 0 0 0 0

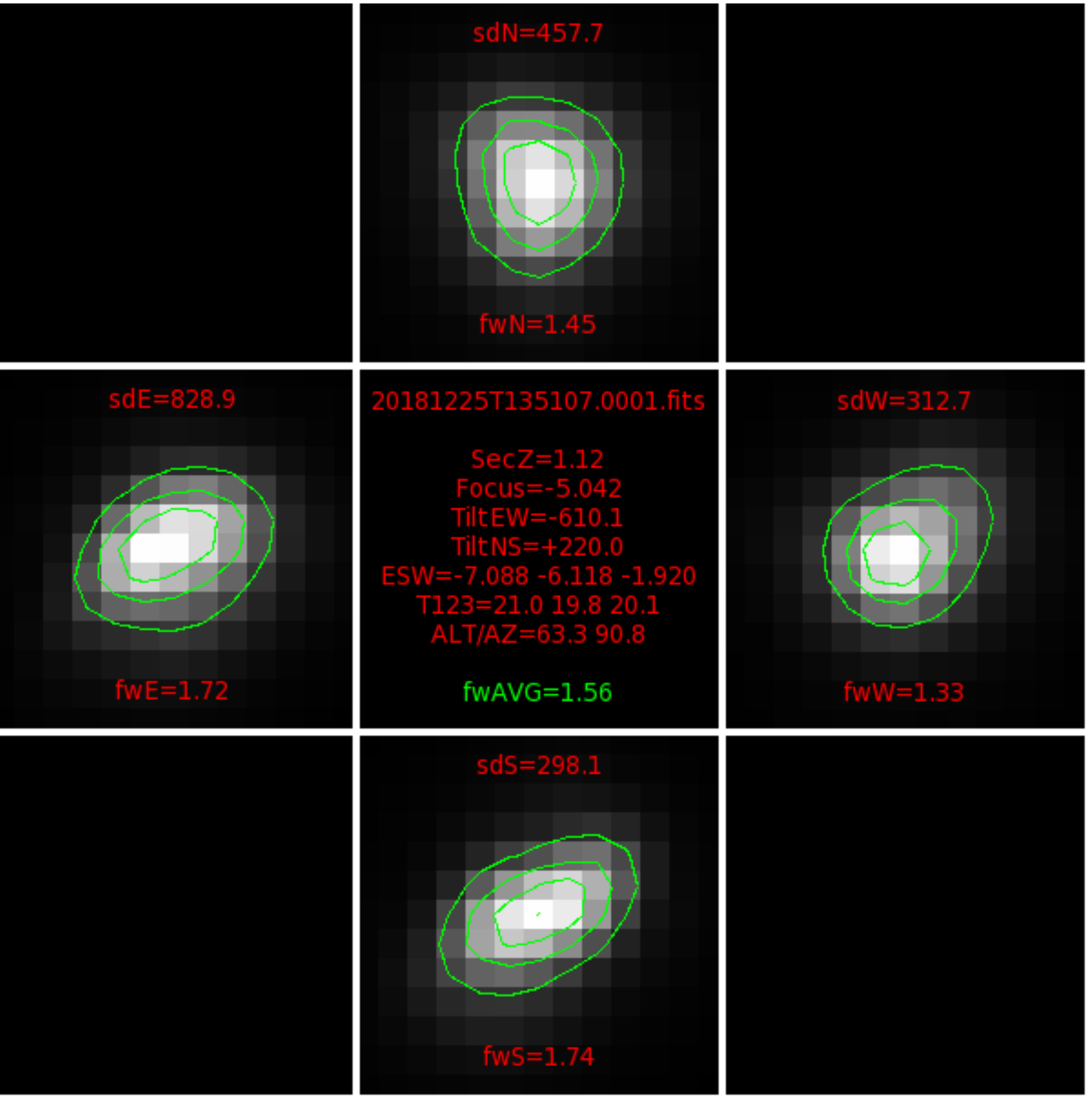

sdN=1499.3
fwN=1.64
sdE=2100.7
fwE=1.81
20181225T134530.0001.fits
SecZ=1.06
Focus=-5.042
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.088 -6.118 -1.920
T123=20.9 19.8 20.1
ALT/AZ=71.2 96.9
fwAVG=1.69
sdW=895.1
fwW=1.50
sdS=841.1
fwS=1.80
0 0 0 0 0 0 0 0 0

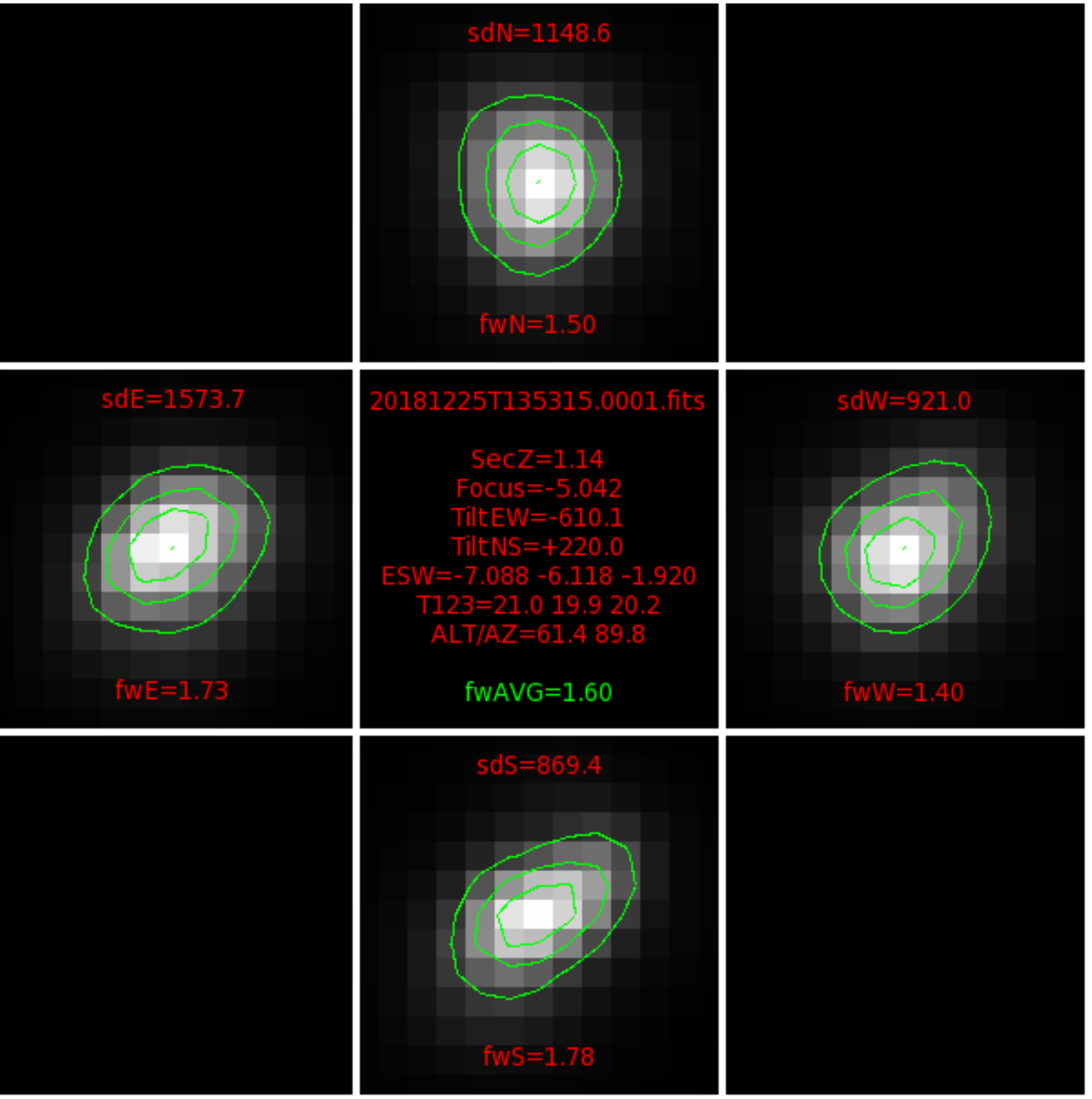

sdN=253.6
fwN=2.13
sdE=670.7
fwE=2.27
20181225T134648.0001.fits
SecZ=1.13
Focus=-5.042
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.088 -6.118 -1.920
T123=21.0 19.9 20.1
ALT/AZ=62.4 90.3
fwAVG=2.21
sdW=69.4
fwW=2.06
sdS=122.0
fwS=2.39
0 0 0 0 0 0 0 0 0

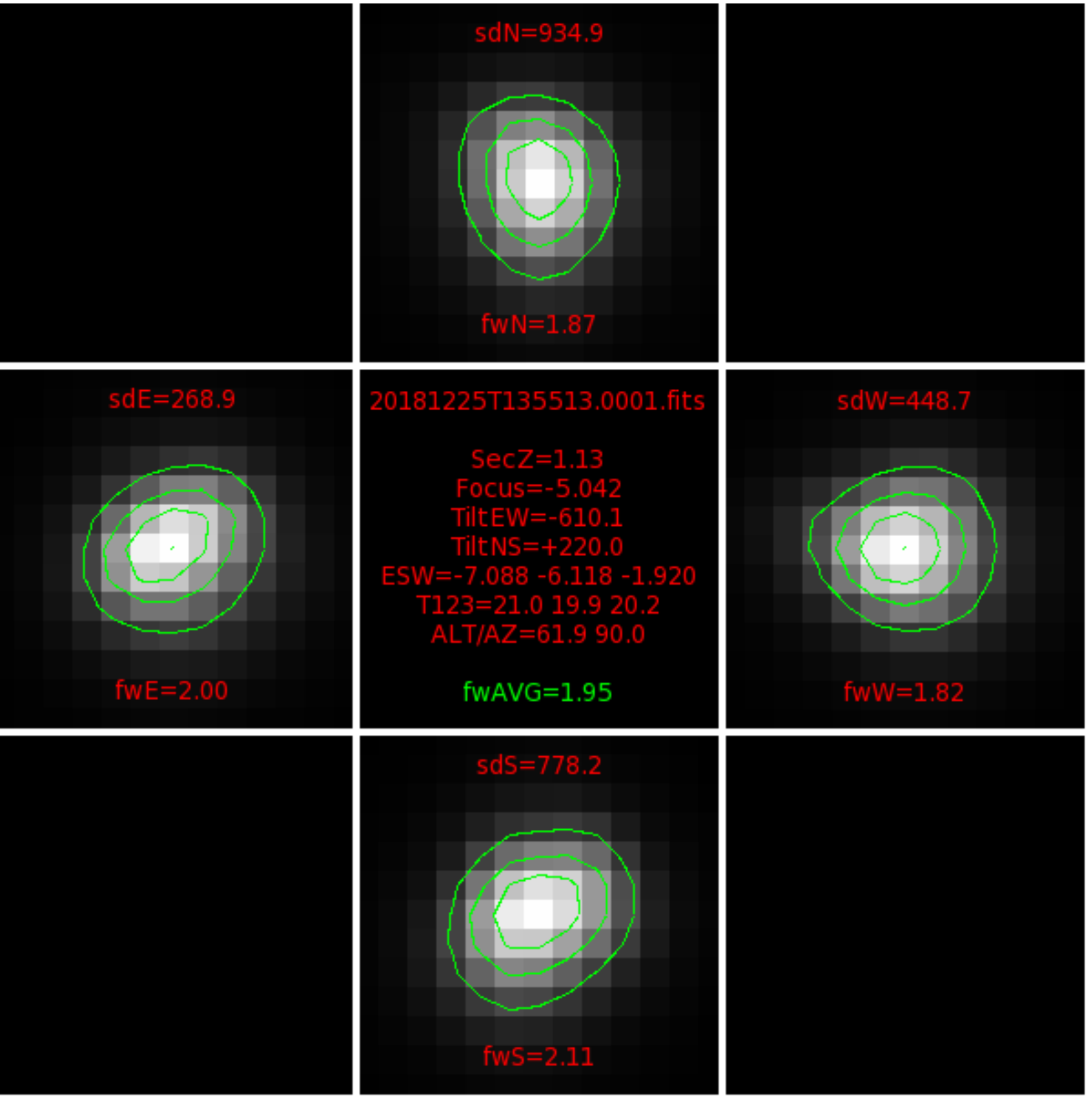

sdN=685.2
fwN=2.07
sdE=1302.0
fwE=2.14
20181225T134738.0001.fits
SecZ=1.13
Focus=-5.042
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.088 -6.118 -1.920
T123=21.0 20.0 20.1
ALT/AZ=62.6 90.4
fwAVG=2.07
sdW=371.5
fwW=1.87
sdS=468.6
fwS=2.20
0 0 0 0 0 0 0 0 0

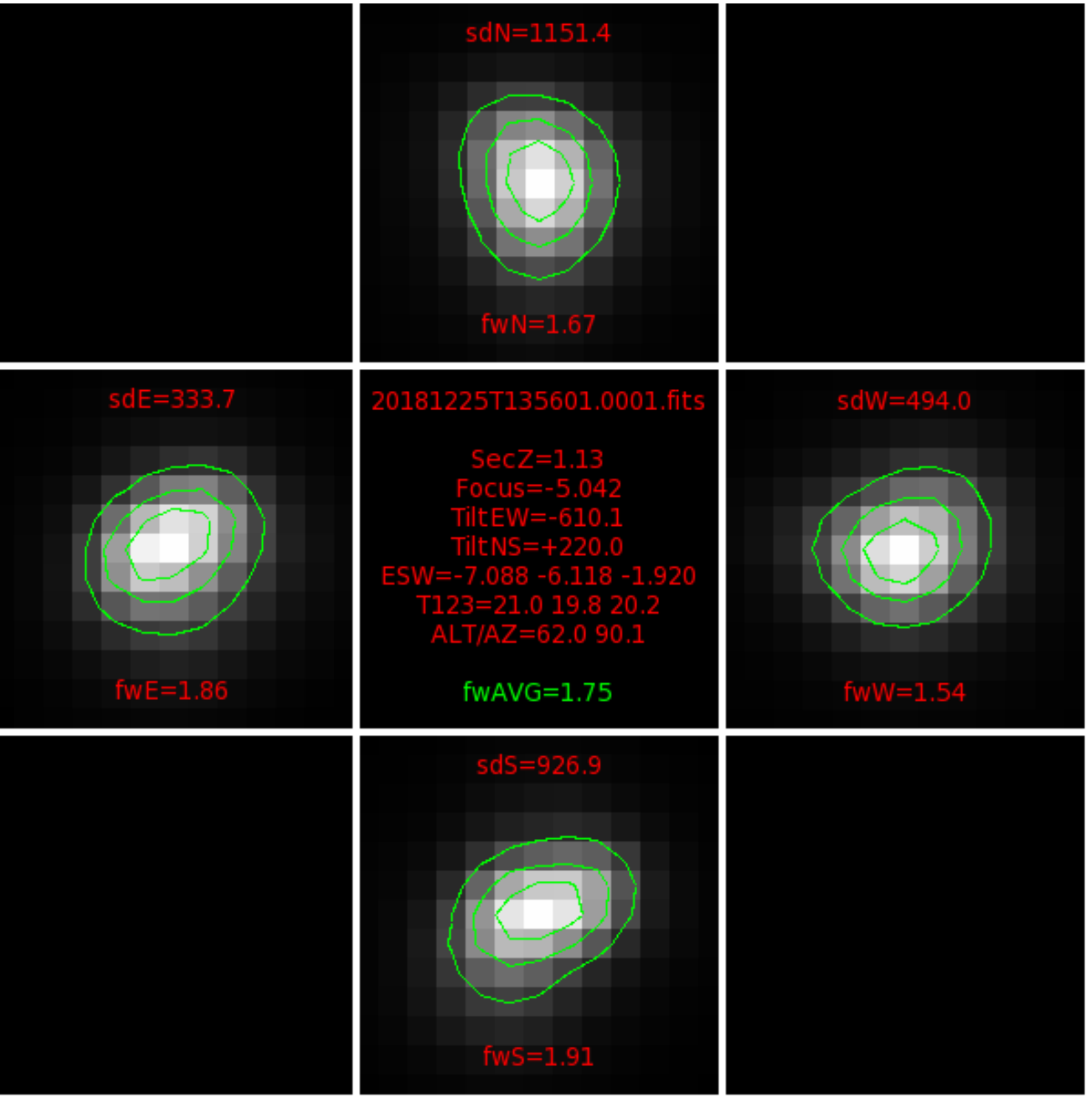

sdN=319.5
fwN=1.75
sdE=704.4
fwE=1.92
20181225T134857.0001.fits
SecZ=1.12
Focus=-5.042
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.088 -6.118 -1.920
T123=21.0 19.8 20.1
ALT/AZ=62.9 90.5
fwAVG=1.80
sdW=138.8
fwW=1.64
sdS=193.9
fwS=1.88
0 0 0 0 0 0 0 0 0

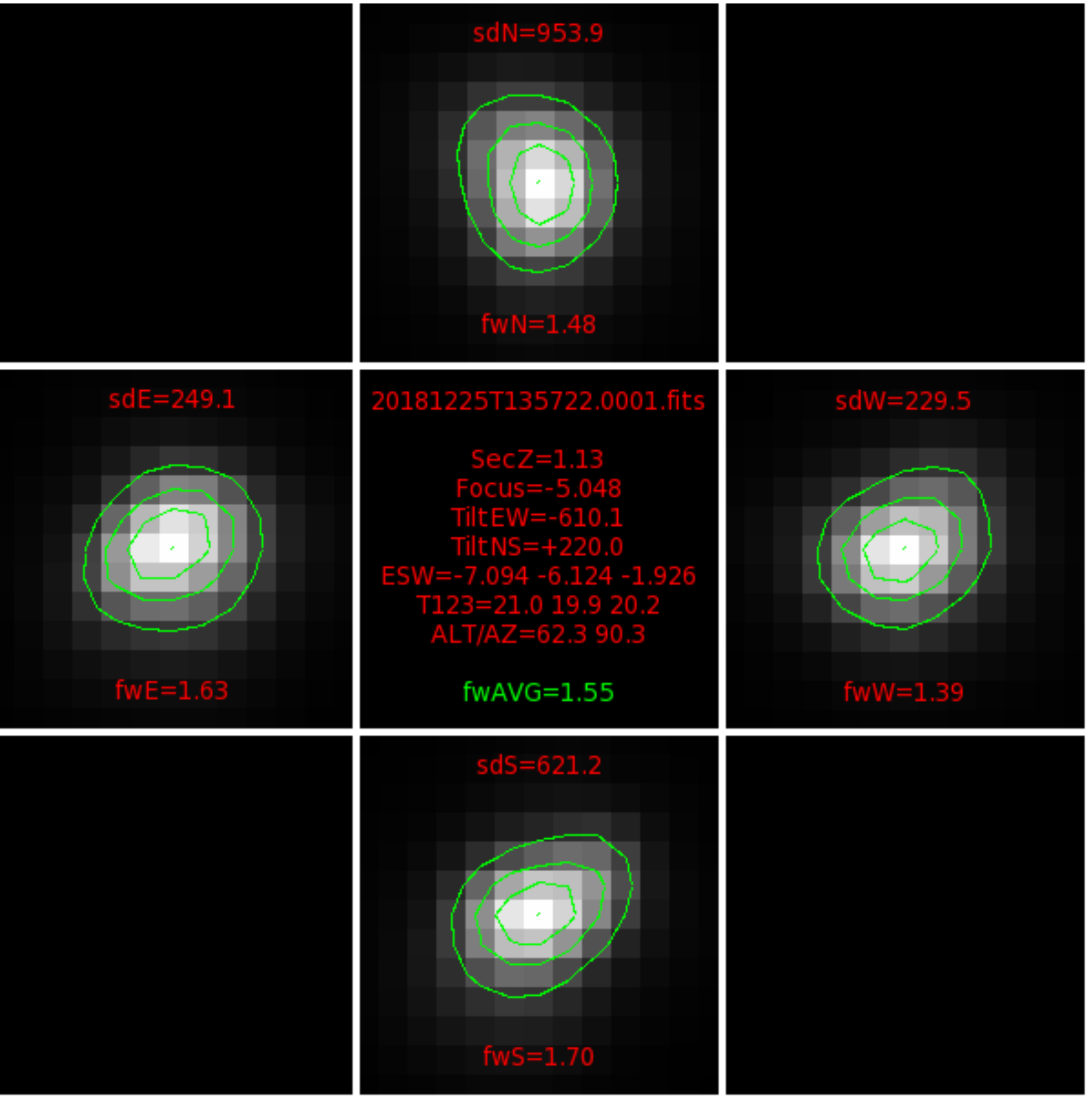

sdN=823.3
fwN=1.76
sdE=1355.1
fwE=1.91
20181225T134947.0001.fits
SecZ=1.12
Focus=-5.042
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.088 -6.118 -1.920
T123=21.0 19.8 20.1
ALT/AZ=63.0 90.6
fwAVG=1.81
sdW=563.1
fwW=1.59
sdS=583.8
fwS=1.98
0 0 0 0 0 0 0 0 0

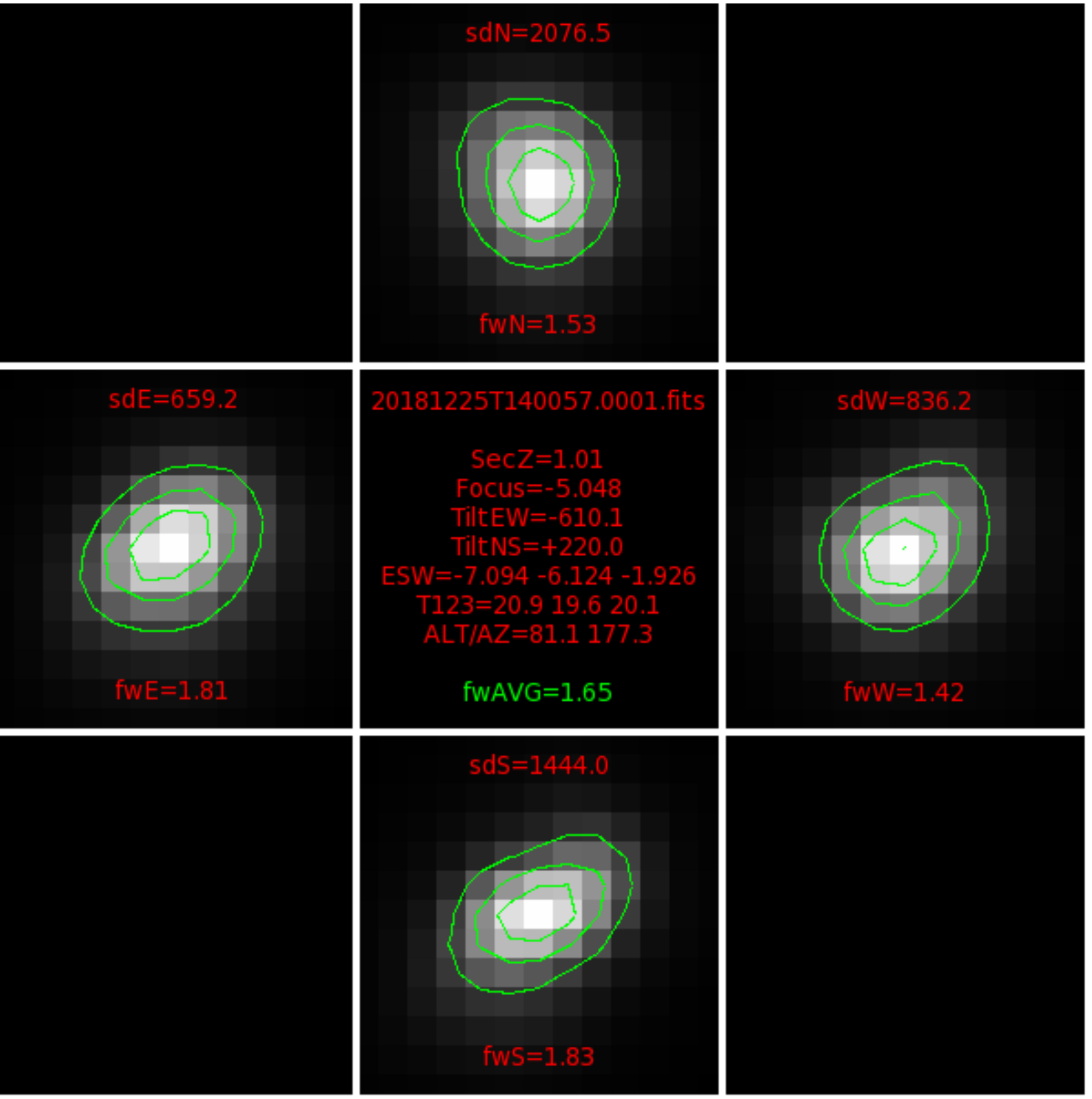

sdN=457.7
fwN=1.45
sdE=828.9
fwE=1.72
20181225T135107.0001.fits
SecZ=1.12
Focus=-5.042
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.088 -6.118 -1.920
T123=21.0 19.8 20.1
ALT/AZ=63.3 90.8
fwAVG=1.56
sdW=312.7
fwW=1.33
sdS=298.1
fwS=1.74
0 0 0 0 0 0 0 0 0

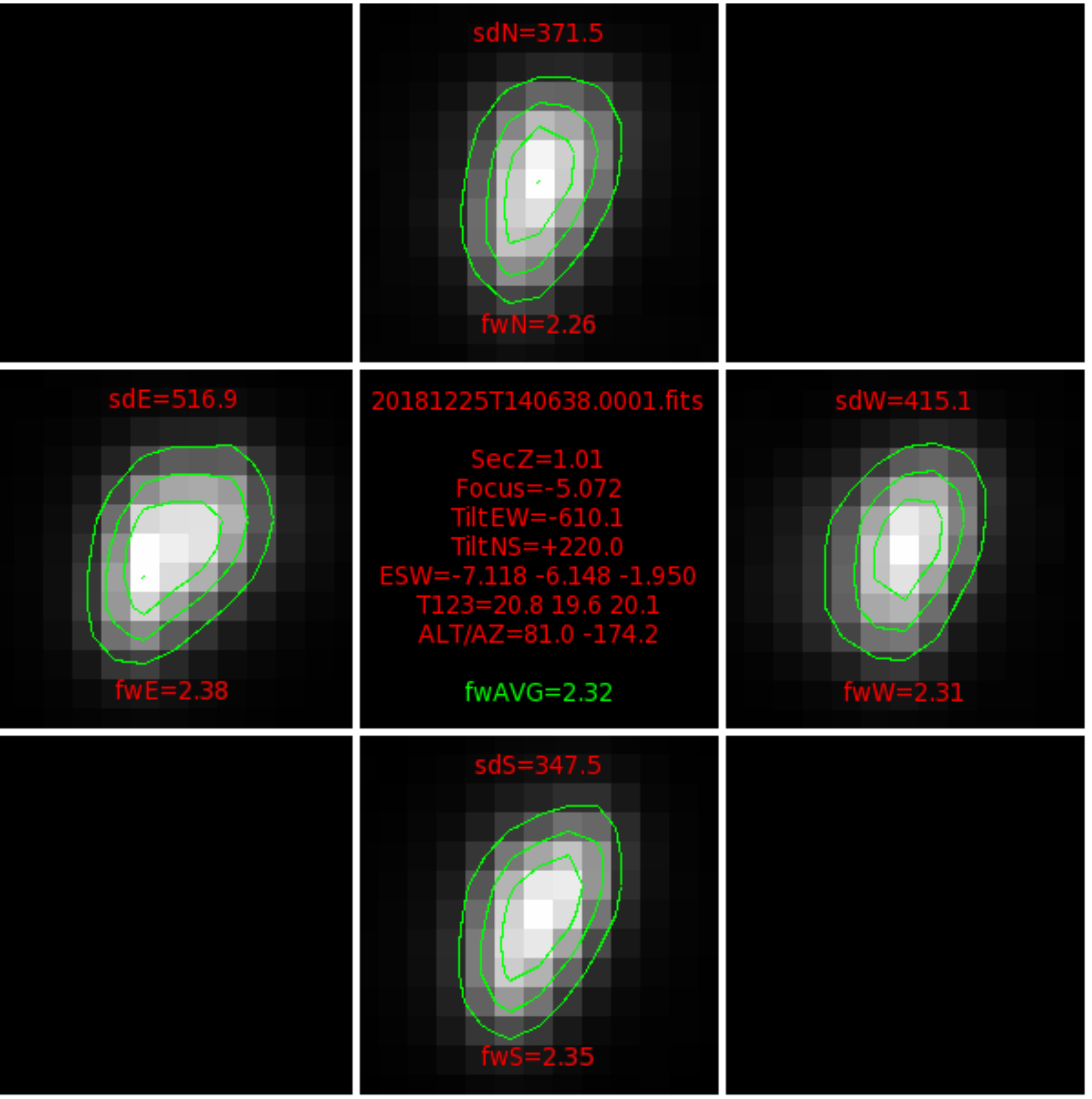

sdN=1148.6
fwN=1.50
sdE=1573.7
fwE=1.73
20181225T135315.0001.fits
SecZ=1.14
Focus=-5.042
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.088 -6.118 -1.920
T123=21.0 19.9 20.2
ALT/AZ=61.4 89.8
fwAVG=1.60
sdW=921.0
fwW=1.40
sdS=869.4
fwS=1.78
0 0 0 0 0 0 0 0 0

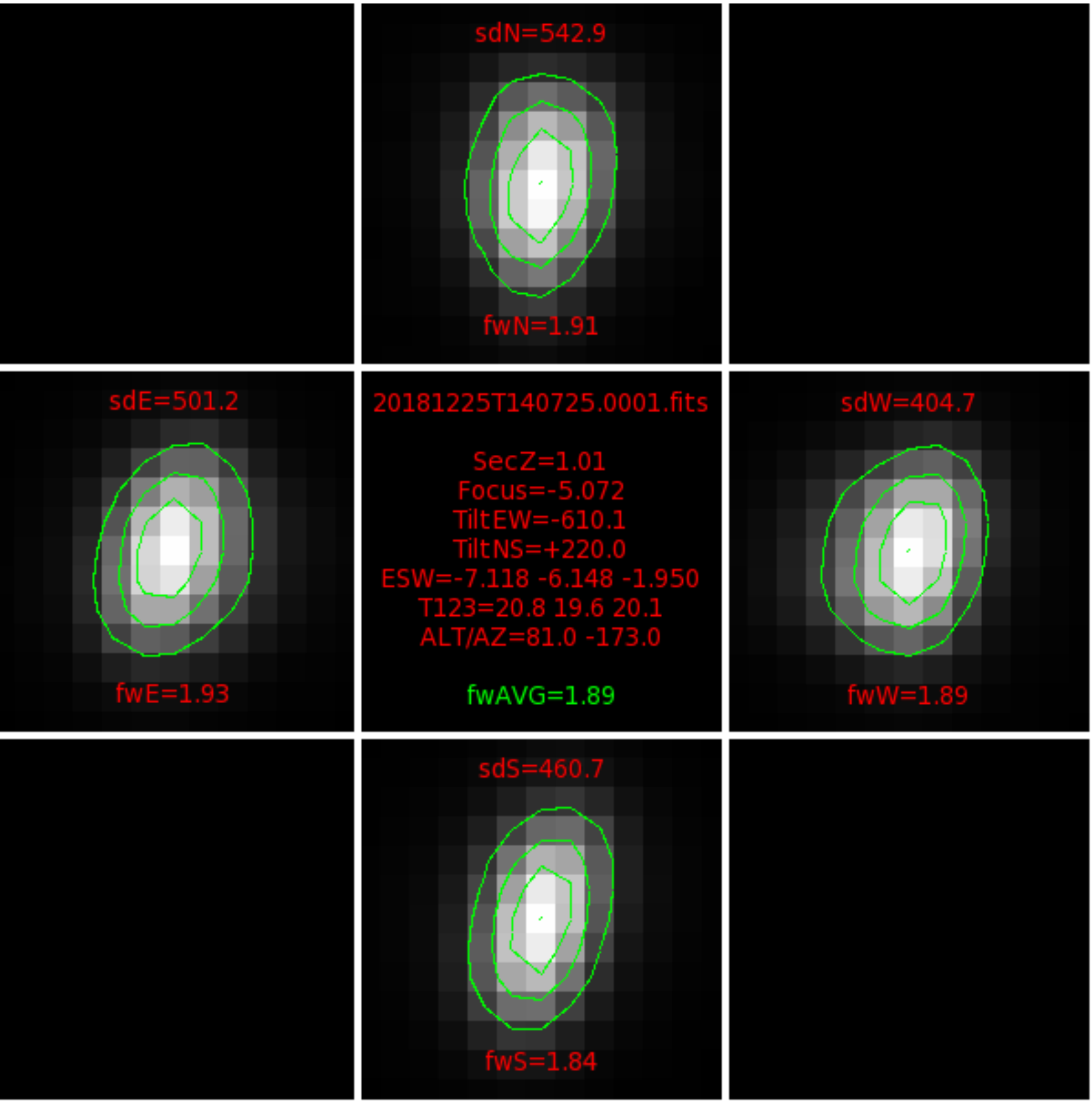

sdN=934.9
fwN=1.87
sdE=268.9
fwE=2.00
20181225T135513.0001.fits
SecZ=1.13
Focus=-5.042
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.088 -6.118 -1.920
T123=21.0 19.9 20.2
ALT/AZ=61.9 90.0
fwAVG=1.95
sdW=448.7
fwW=1.82
sdS=778.2
fwS=2.11
0 0 0 0 0 0 0 0 0

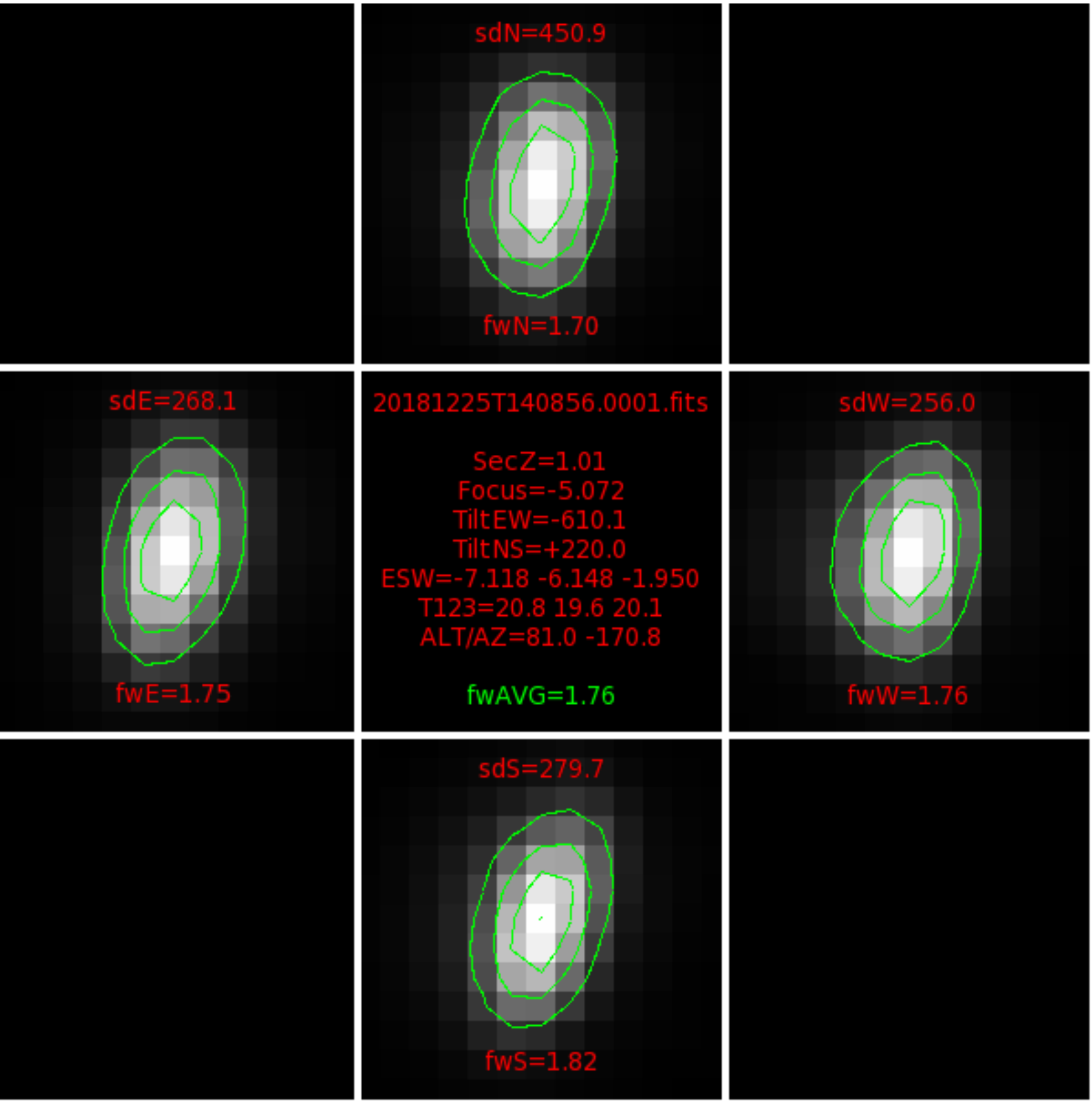

sdN=1151.4
fwN=1.67
sdE=333.7
fwE=1.86
20181225T135601.0001.fits
SecZ=1.13
Focus=-5.042
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.088 -6.118 -1.920
T123=21.0 19.8 20.2
ALT/AZ=62.0 90.1
fwAVG=1.75
sdW=494.0
fwW=1.54
sdS=926.9
fwS=1.91
0 0 0 0 0 0 0 0 0

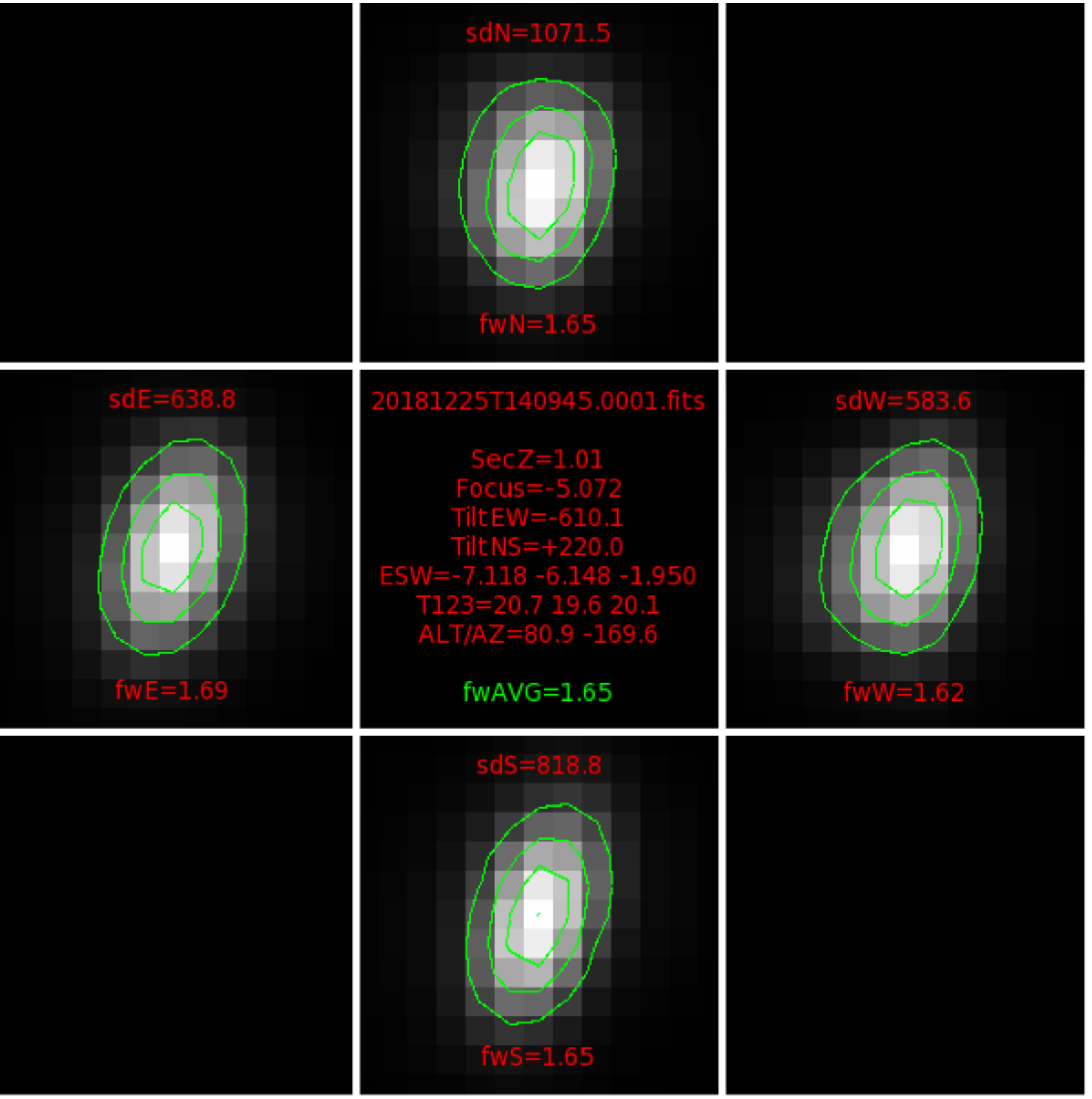

sdN=953.9
fwN=1.48
sdE=249.1
fwE=1.63
20181225T135722.0001.fits
SecZ=1.13
Focus=-5.048
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.094 -6.124 -1.926
T123=21.0 19.9 20.2
ALT/AZ=62.3 90.3
fwAVG=1.55
sdW=229.5
fwW=1.39
sdS=621.2
fwS=1.70
0 0 0 0 0 0 0 0 0

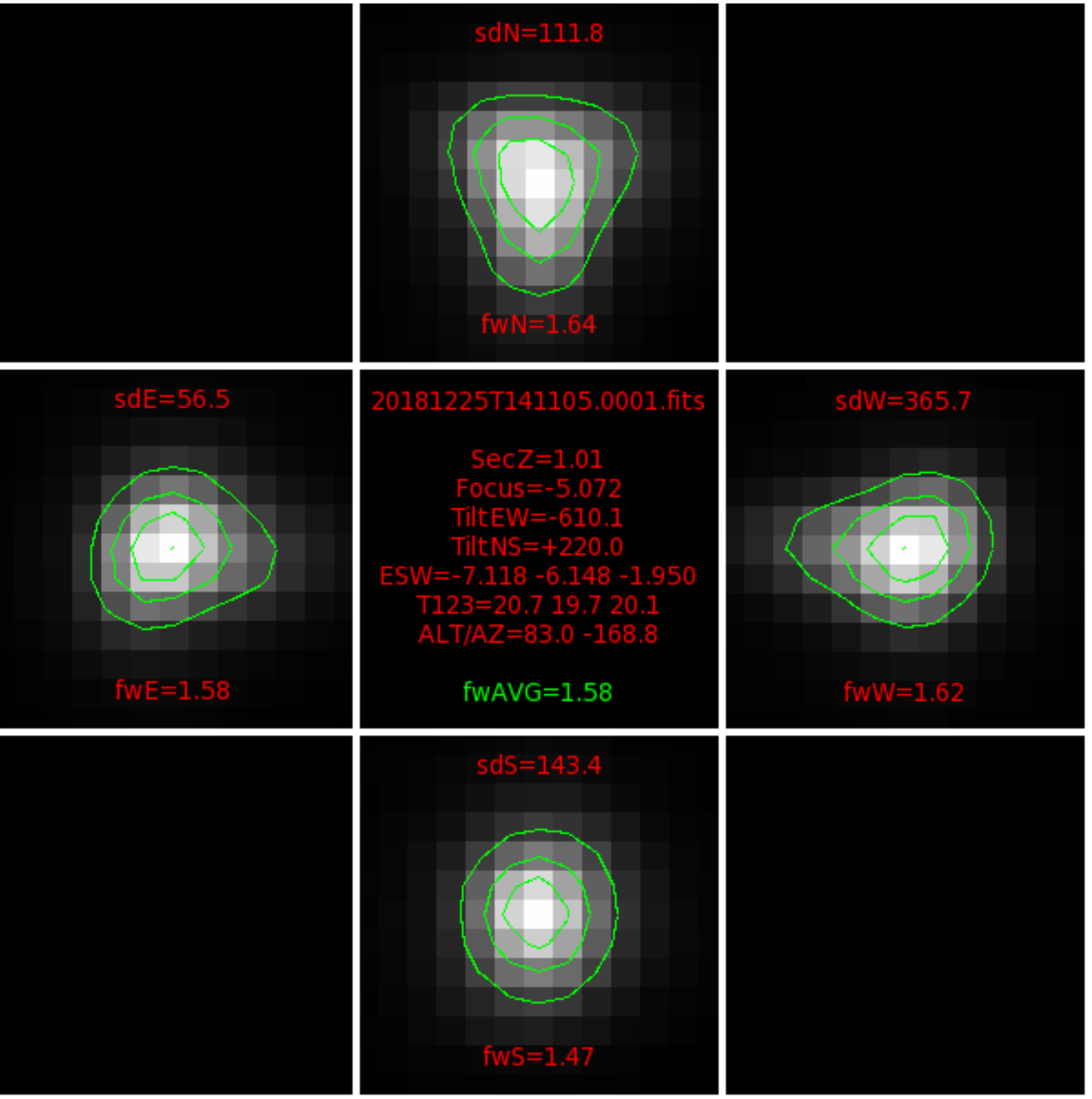

sdN=2076.5
fwN=1.53
sdE=659.2
fwE=1.81
20181225T140057.0001.fits
SecZ=1.01
Focus=-5.048
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.094 -6.124 -1.926
T123=20.9 19.6 20.1
ALT/AZ=81.1 177.3
fwAVG=1.65
sdW=836.2
fwW=1.42
sdS=1444.0
fwS=1.83
0 0 0 0 0 0 0 0 0

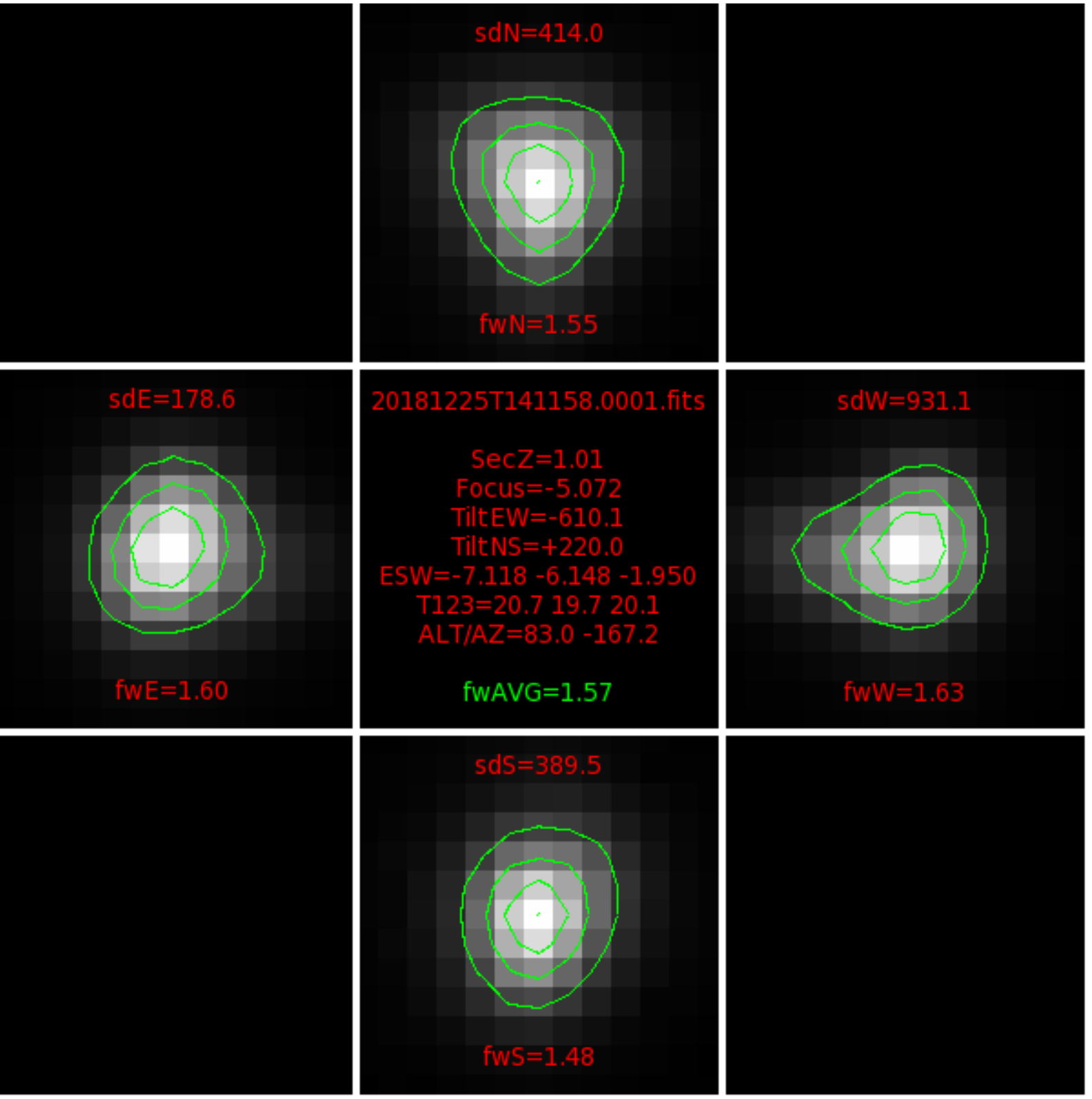

sdN=371.5
fwN=2.26
sdE=516.9
fwE=2.38
20181225T140638.0001.fits
SecZ=1.01
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.8 19.6 20.1
ALT/AZ=81.0 -174.2
fwAVG=2.32
sdW=415.1
fwW=2.31
sdS=347.5
fwS=2.35
0 0 0 0 0 0 0 0 0

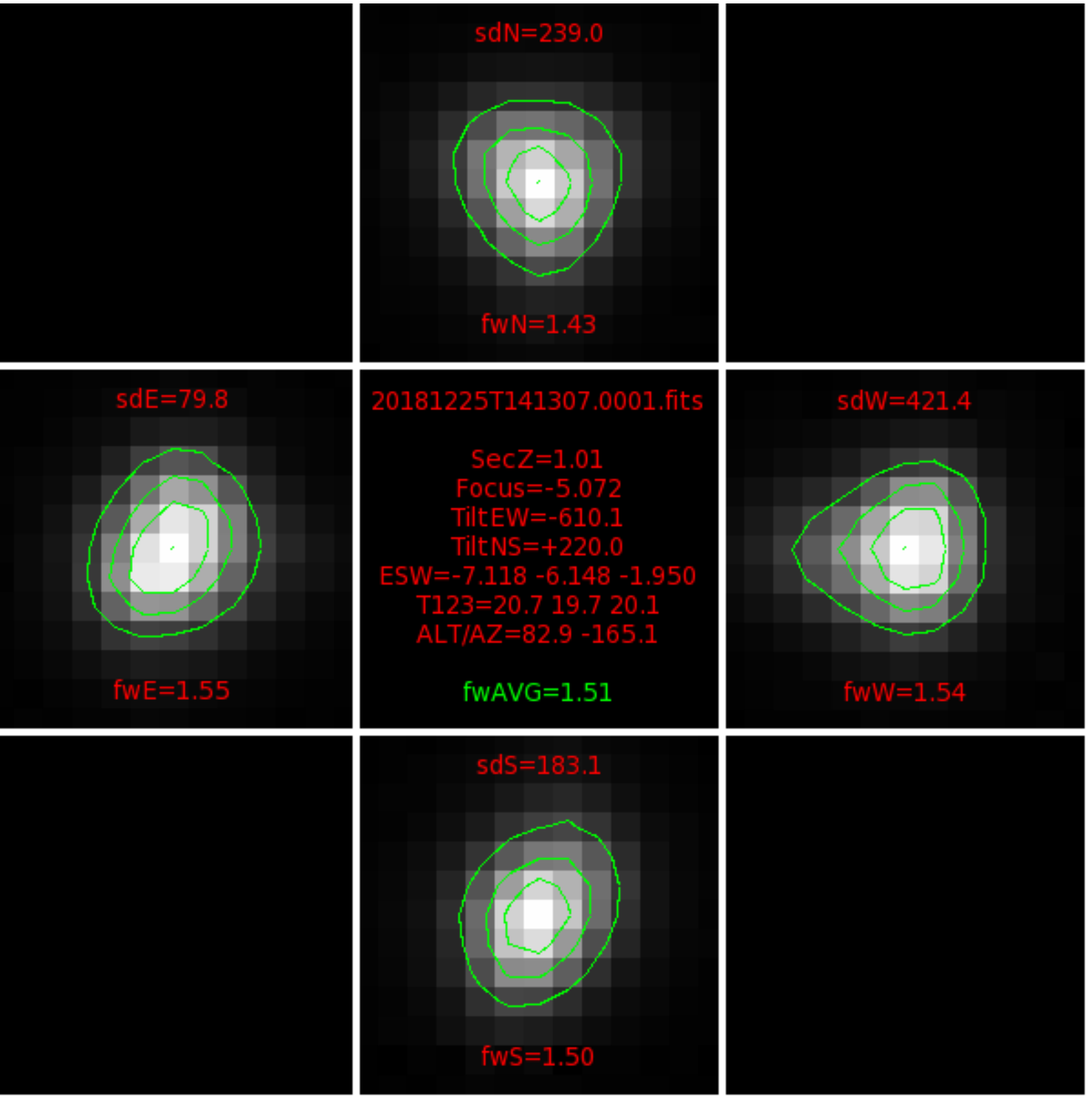

sdN=542.9
fwN=1.91
sdE=501.2
fwE=1.93
20181225T140725.0001.fits
SecZ=1.01
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.8 19.6 20.1
ALT/AZ=81.0 -173.0
fwAVG=1.89
sdW=404.7
fwW=1.89
sdS=460.7
fwS=1.84
0 0 0 0 0 0 0 0 0

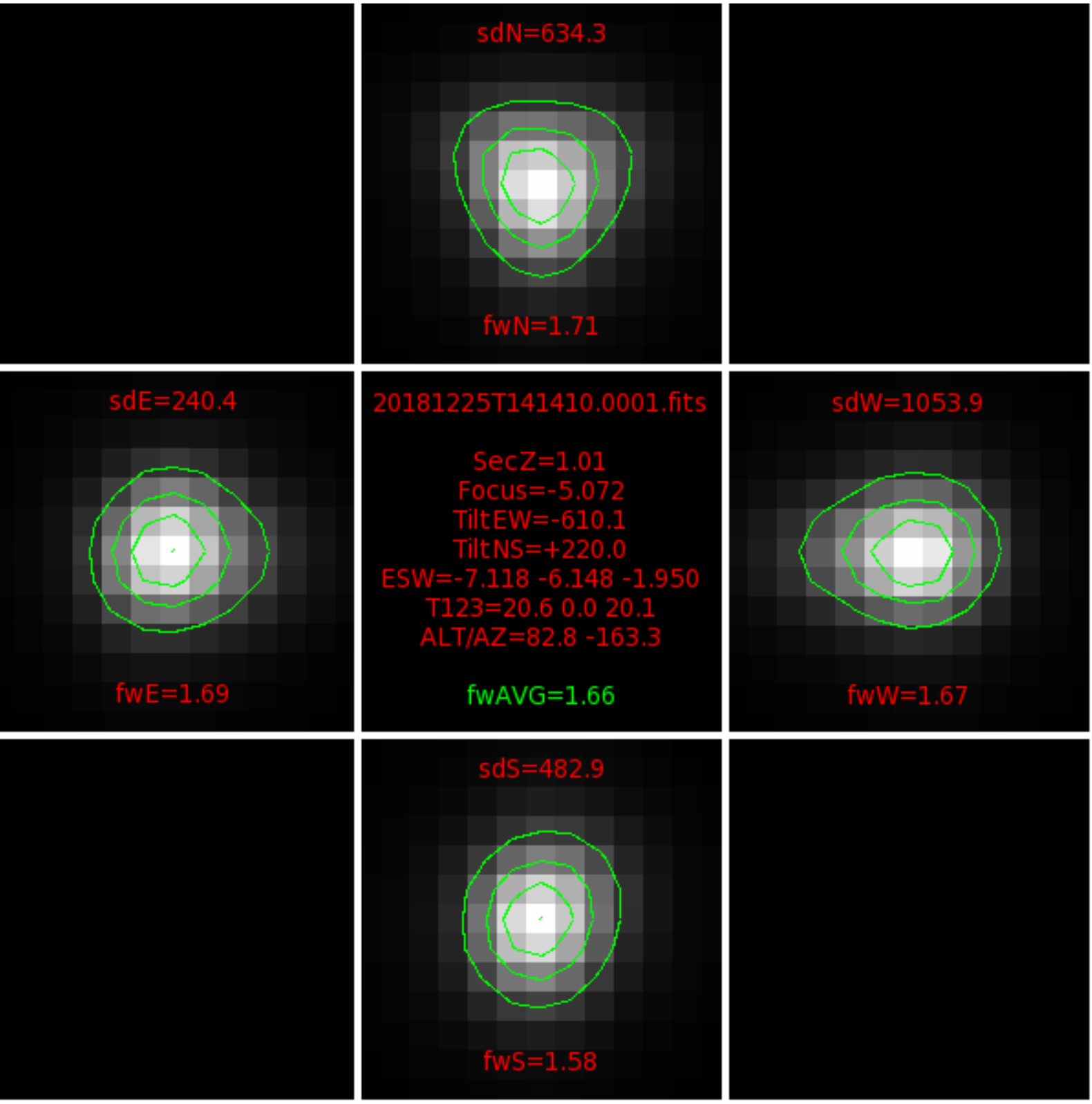

sdN=450.9
fwN=1.70
sdE=268.1
fwE=1.75
20181225T140856.0001.fits
SecZ=1.01
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.8 19.6 20.1
ALT/AZ=81.0 -170.8
fwAVG=1.76
sdW=256.0
fwW=1.76
sdS=279.7
fwS=1.82
0 0 0 0 0 0 0 0 0

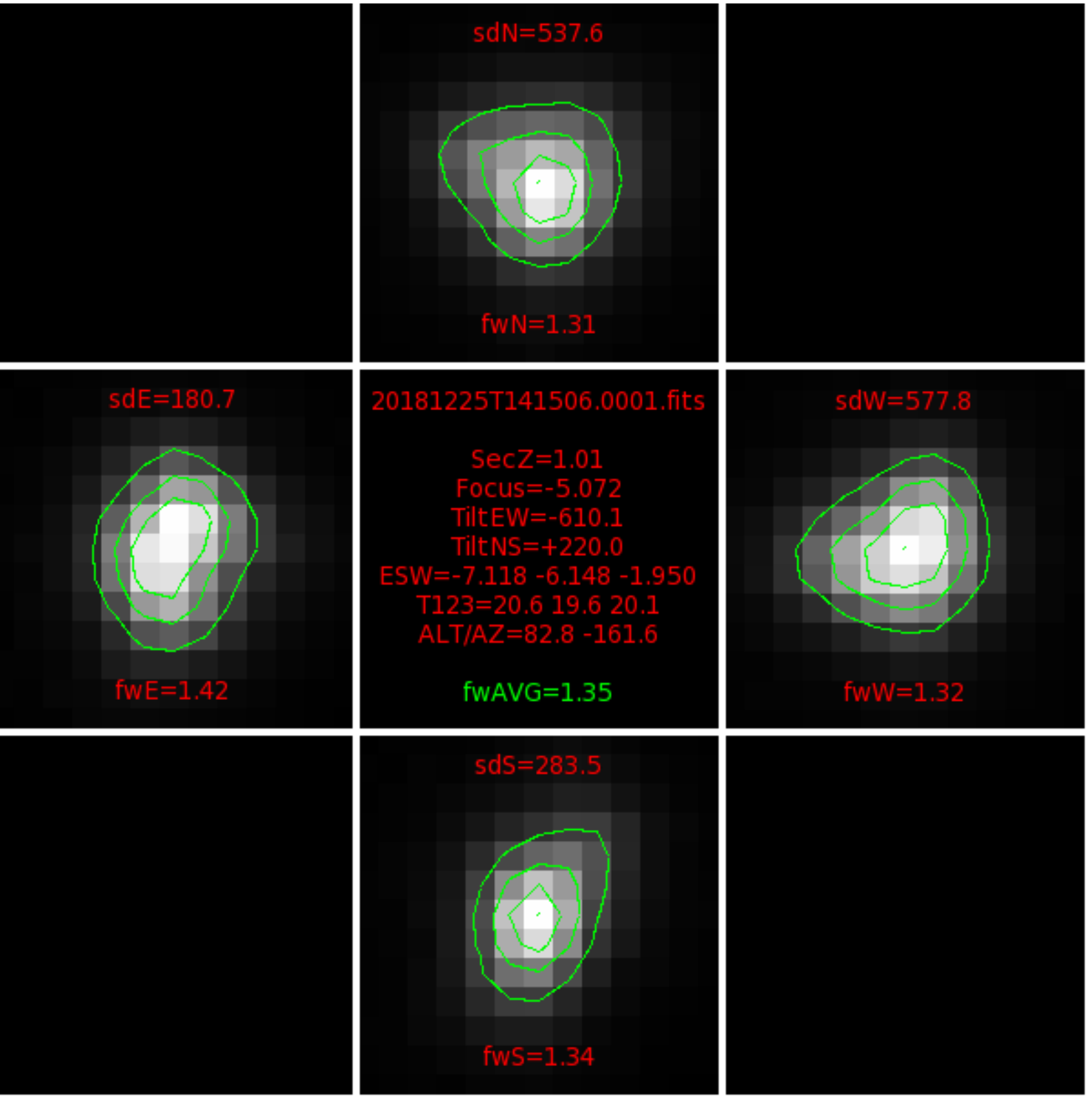

sdN=1071.5
fwN=1.65
sdE=638.8
fwE=1.69
20181225T140945.0001.fits
SecZ=1.01
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.7 19.6 20.1
ALT/AZ=80.9 -169.6
fwAVG=1.65
sdW=583.6
fwW=1.62
sdS=818.8
fwS=1.65
0 0 0 0 0 0 0 0 0

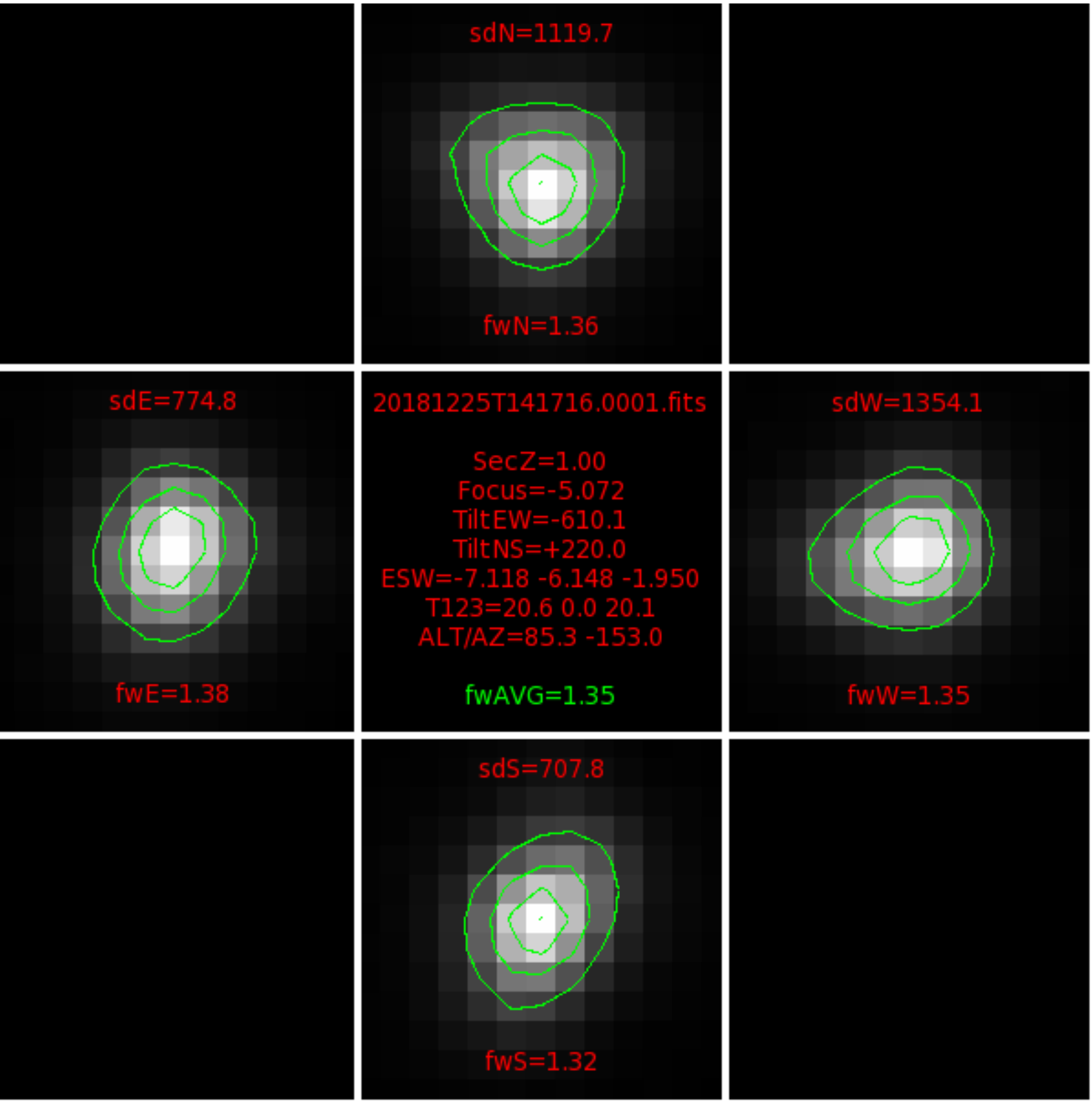

sdN=111.8
fwN=1.64
sdE=56.5
fwE=1.58
20181225T141105.0001.fits
SecZ=1.01
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.7 19.7 20.1
ALT/AZ=83.0 -168.8
fwAVG=1.58
sdW=365.7
fwW=1.62
sdS=143.4
fwS=1.47
0 0 0 0 0 0 0 0 0

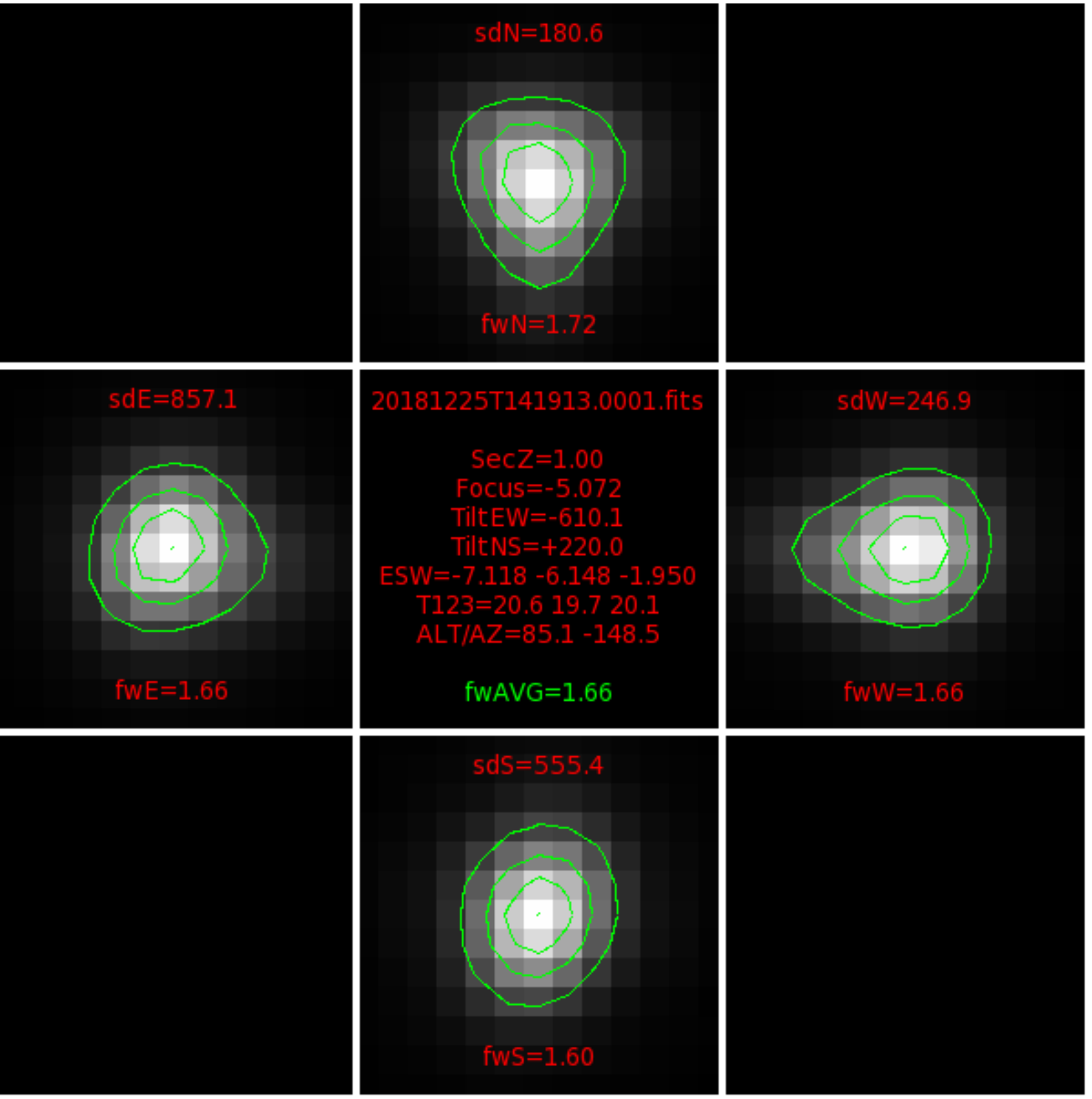

sdN=414.0
fwN=1.55
sdE=178.6
fwE=1.60
20181225T141158.0001.fits
SecZ=1.01
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.7 19.7 20.1
ALT/AZ=83.0 -167.2
fwAVG=1.57
sdW=931.1
fwW=1.63
sdS=389.5
fwS=1.48
0 0 0 0 0 0 0 0 0

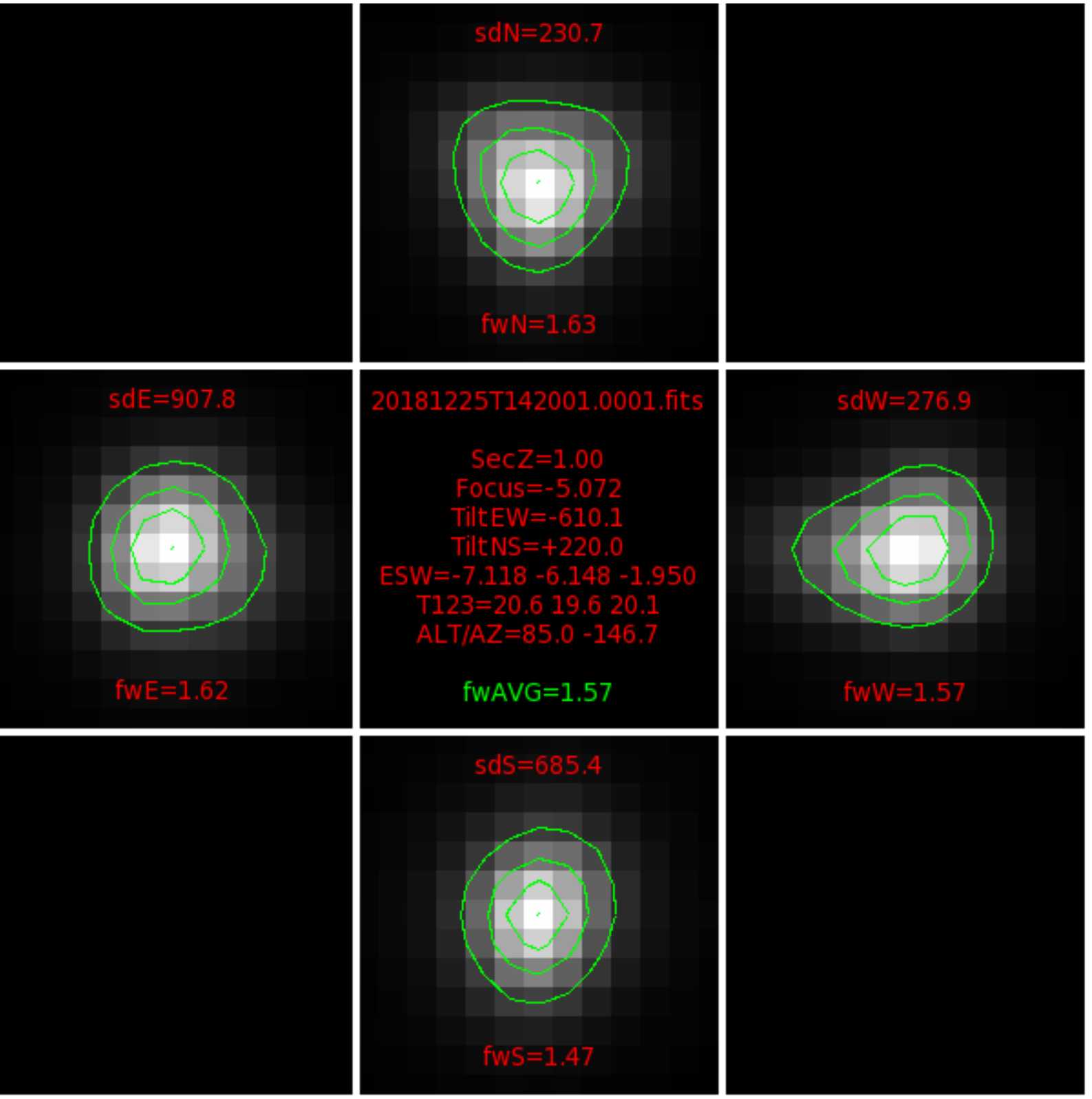

sdN=239.0
fwN=1.43
sdE=79.8
fwE=1.55
20181225T141307.0001.fits
SecZ=1.01
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.7 19.7 20.1
ALT/AZ=82.9 -165.1
fwAVG=1.51
sdW=421.4
fwW=1.54
sdS=183.1
fwS=1.50
0 0 0 0 0 0 0 0 0

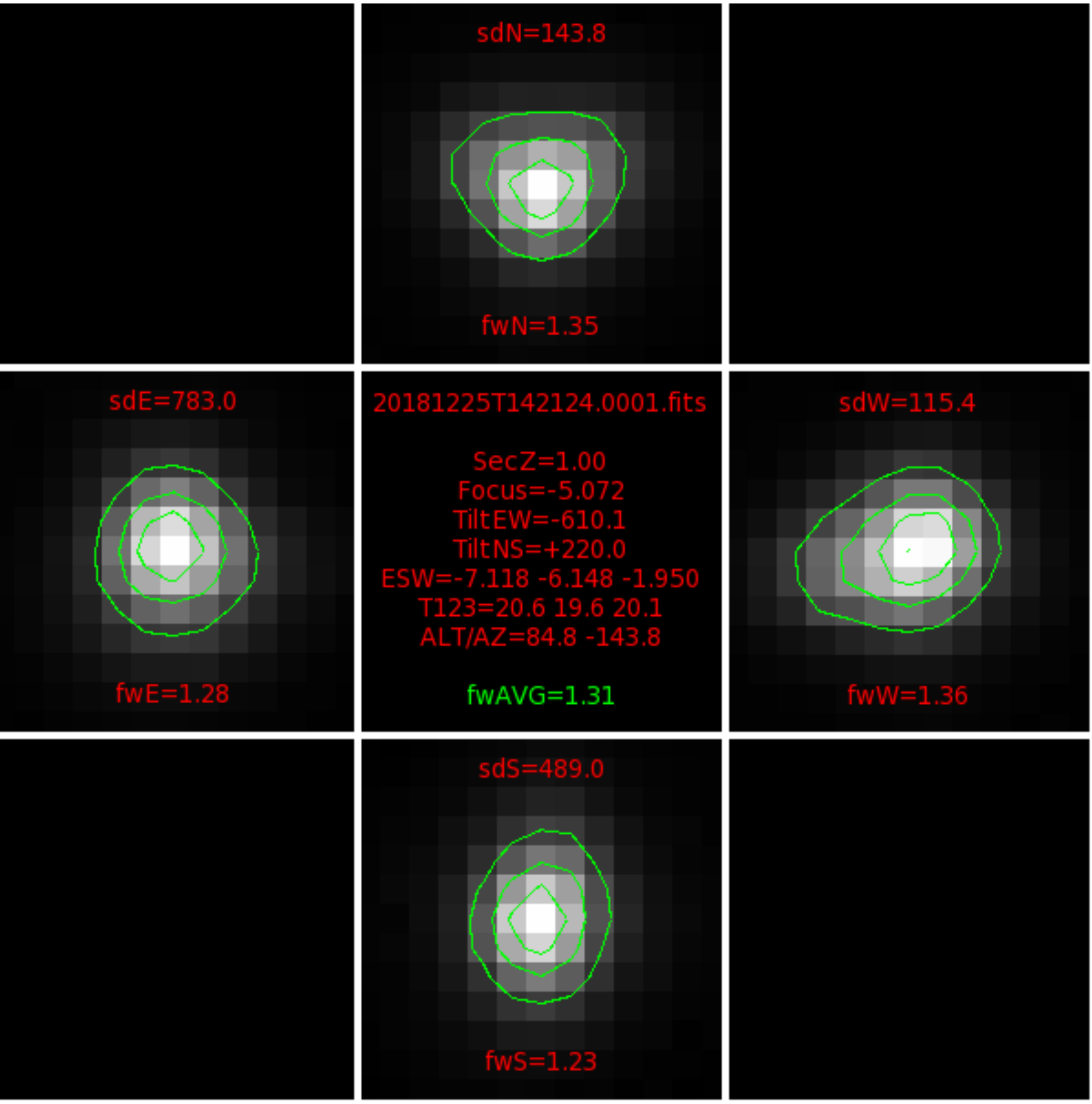

sdN=634.3
fwN=1.71
sdE=240.4
fwE=1.69
20181225T141410.0001.fits
SecZ=1.01
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.6 0.0 20.1
ALT/AZ=82.8 -163.3
fwAVG=1.66
sdW=1053.9
fwW=1.67
sdS=482.9
fwS=1.58
0 0 0 0 0 0 0 0 0

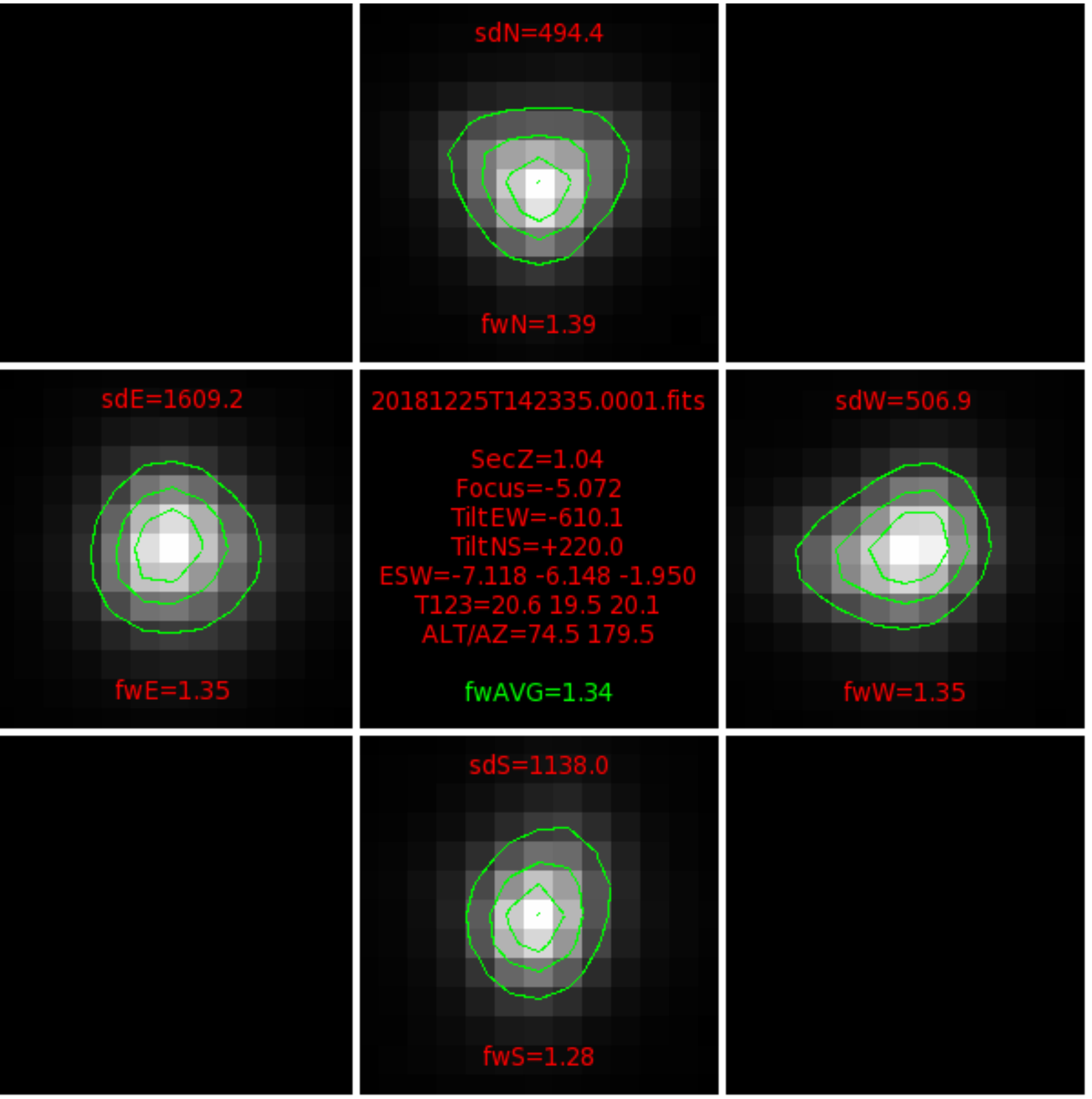

sdN=537.6
fwN=1.31
sdE=180.7
fwE=1.42
20181225T141506.0001.fits
SecZ=1.01
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.6 19.6 20.1
ALT/AZ=82.8 -161.6
fwAVG=1.35
sdW=577.8
fwW=1.32
sdS=283.5
fwS=1.34
0 0 0 0 0 0 0 0 0

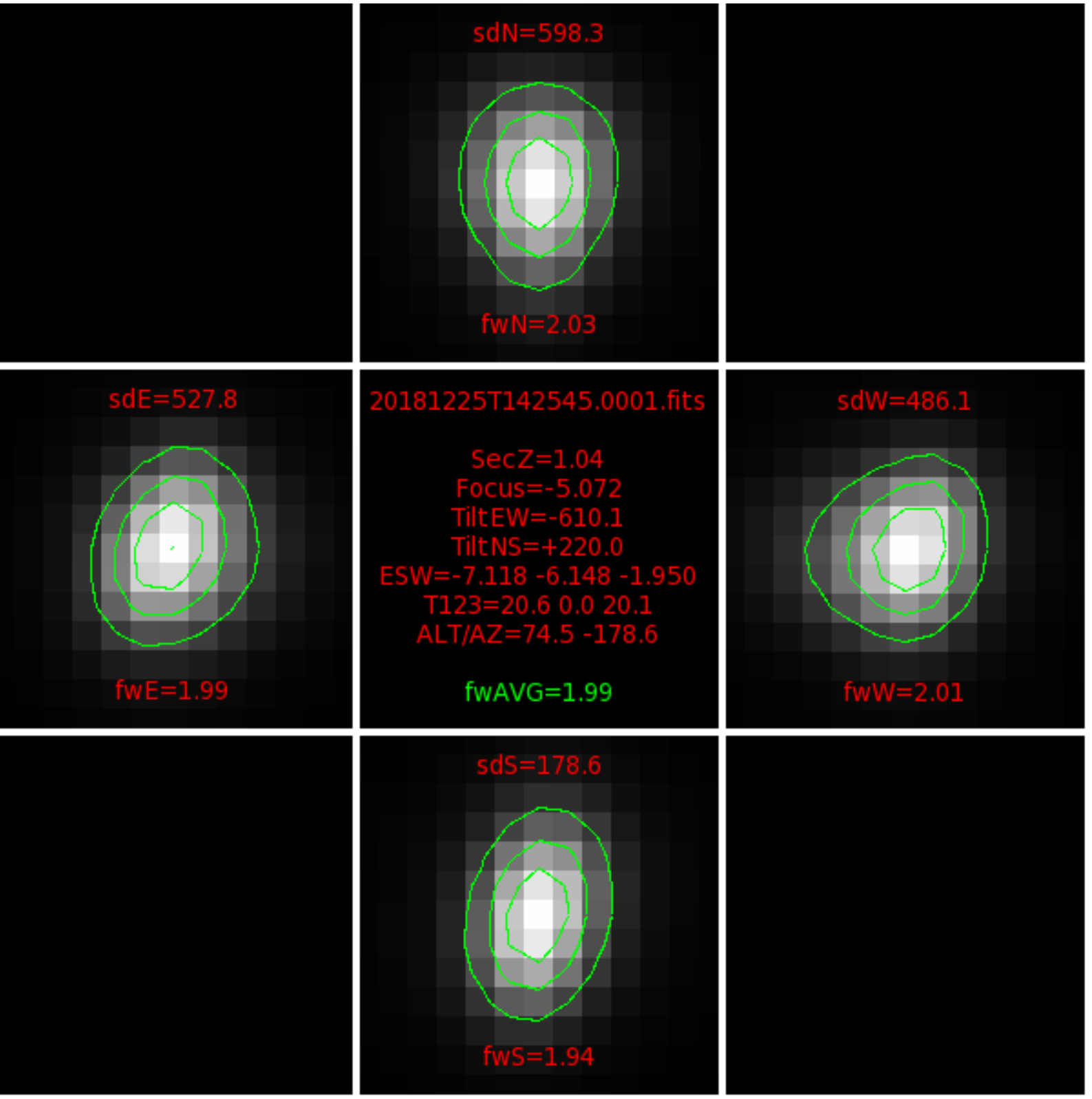

sdN=1119.7
fwN=1.36
sdE=774.8
fwE=1.38
20181225T141716.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.6 0.0 20.1
ALT/AZ=85.3 -153.0
fwAVG=1.35
sdW=1354.1
fwW=1.35
sdS=707.8
fwS=1.32
0 0 0 0 0 0 0 0 0

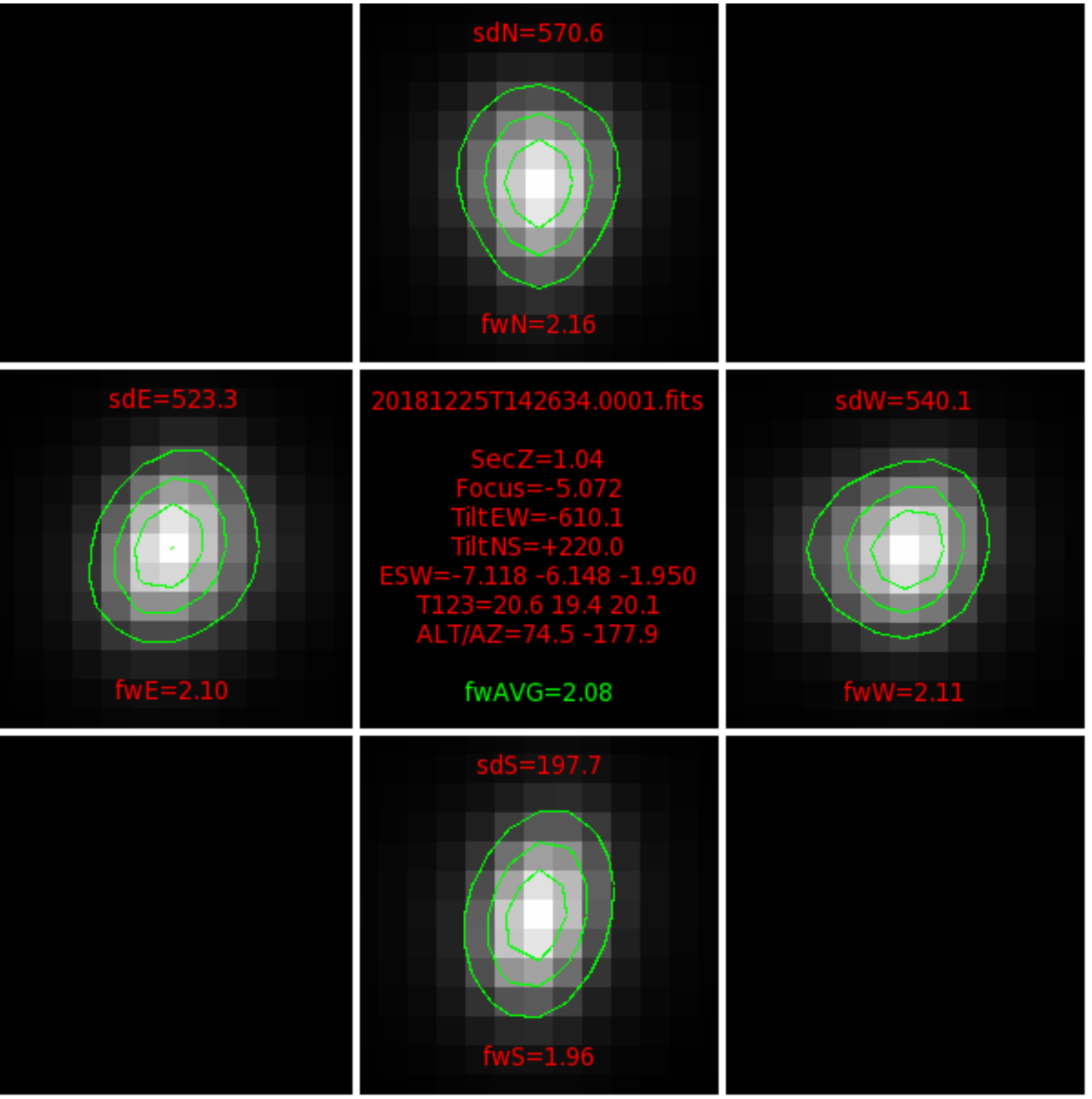

sdN=180.6
fwN=1.72
sdE=857.1
fwE=1.66
20181225T141913.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.6 19.7 20.1
ALT/AZ=85.1 -148.5
fwAVG=1.66
sdW=246.9
fwW=1.66
sdS=555.4
fwS=1.60
0 0 0 0 0 0 0 0 0

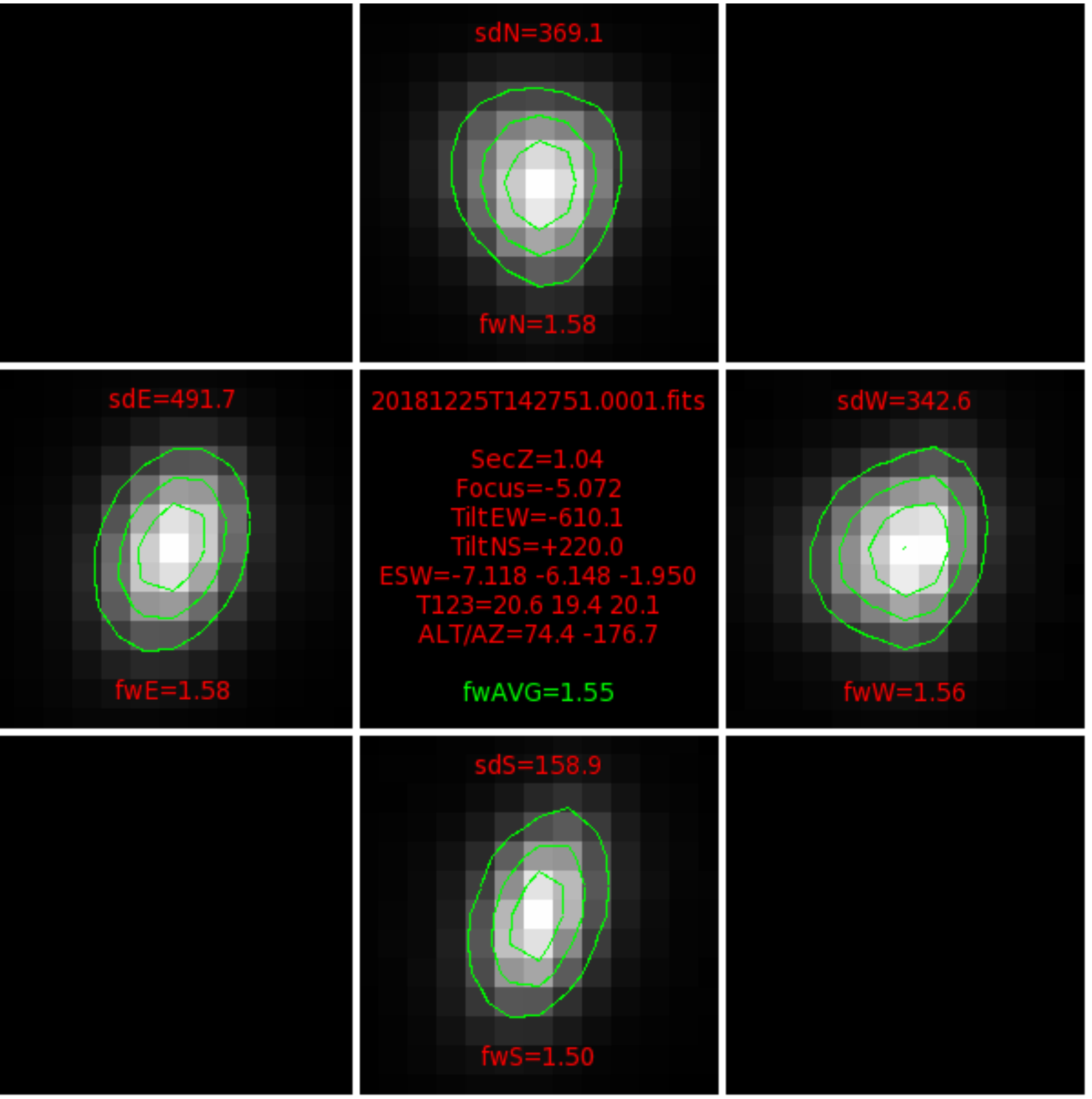

sdN=230.7
fwN=1.63
sdE=907.8
fwE=1.62
20181225T142001.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.6 19.6 20.1
ALT/AZ=85.0 -146.7
fwAVG=1.57
sdW=276.9
fwW=1.57
sdS=685.4
fwS=1.47
0 0 0 0 0 0 0 0 0

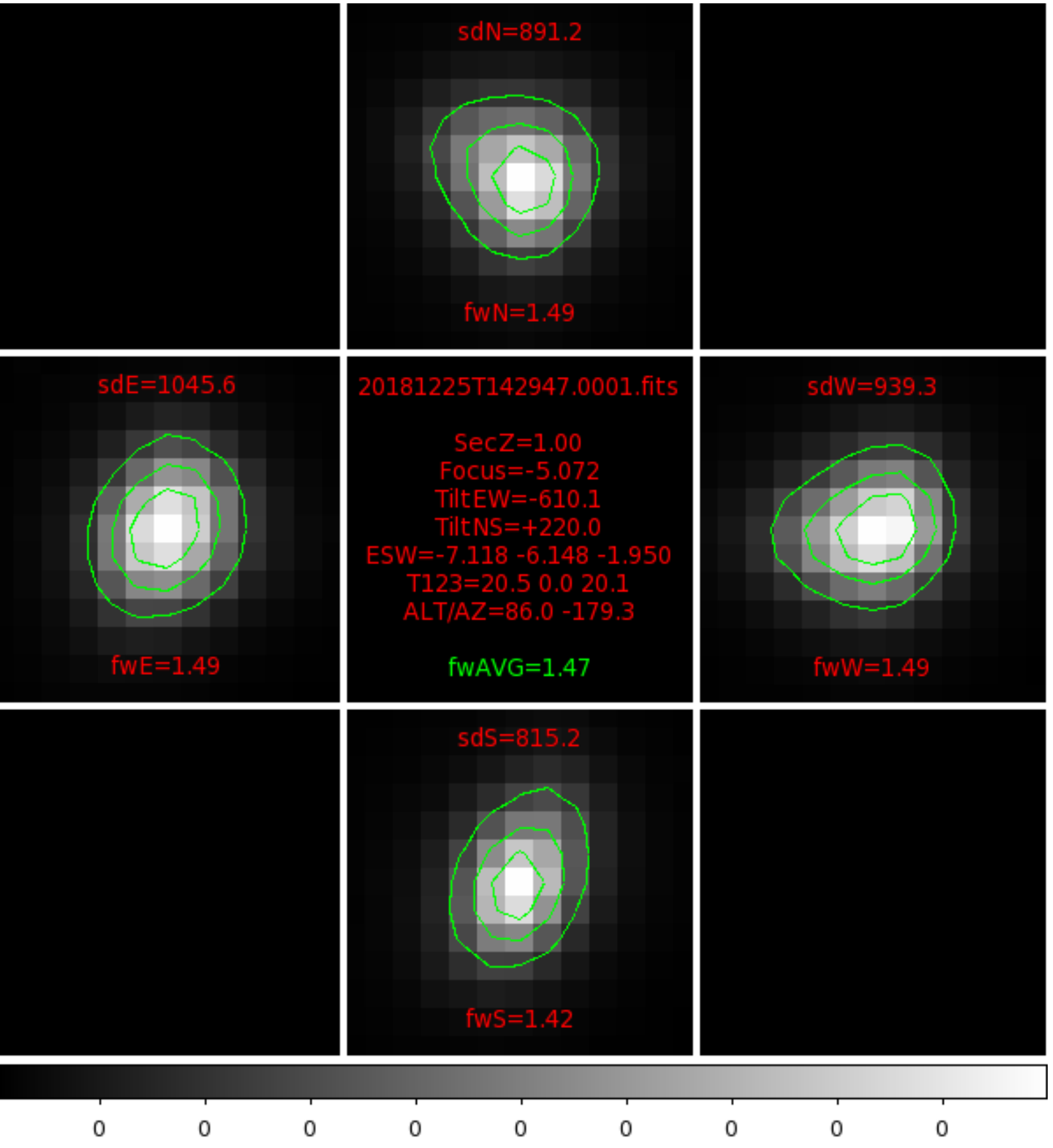

sdN=143.8
fwN=1.35
sdE=783.0
fwE=1.28
20181225T142124.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.6 19.6 20.1
ALT/AZ=84.8 -143.8
fwAVG=1.31
sdW=115.4
fwW=1.36
sdS=489.0
fwS=1.23
0 0 0 0 0 0 0 0 0

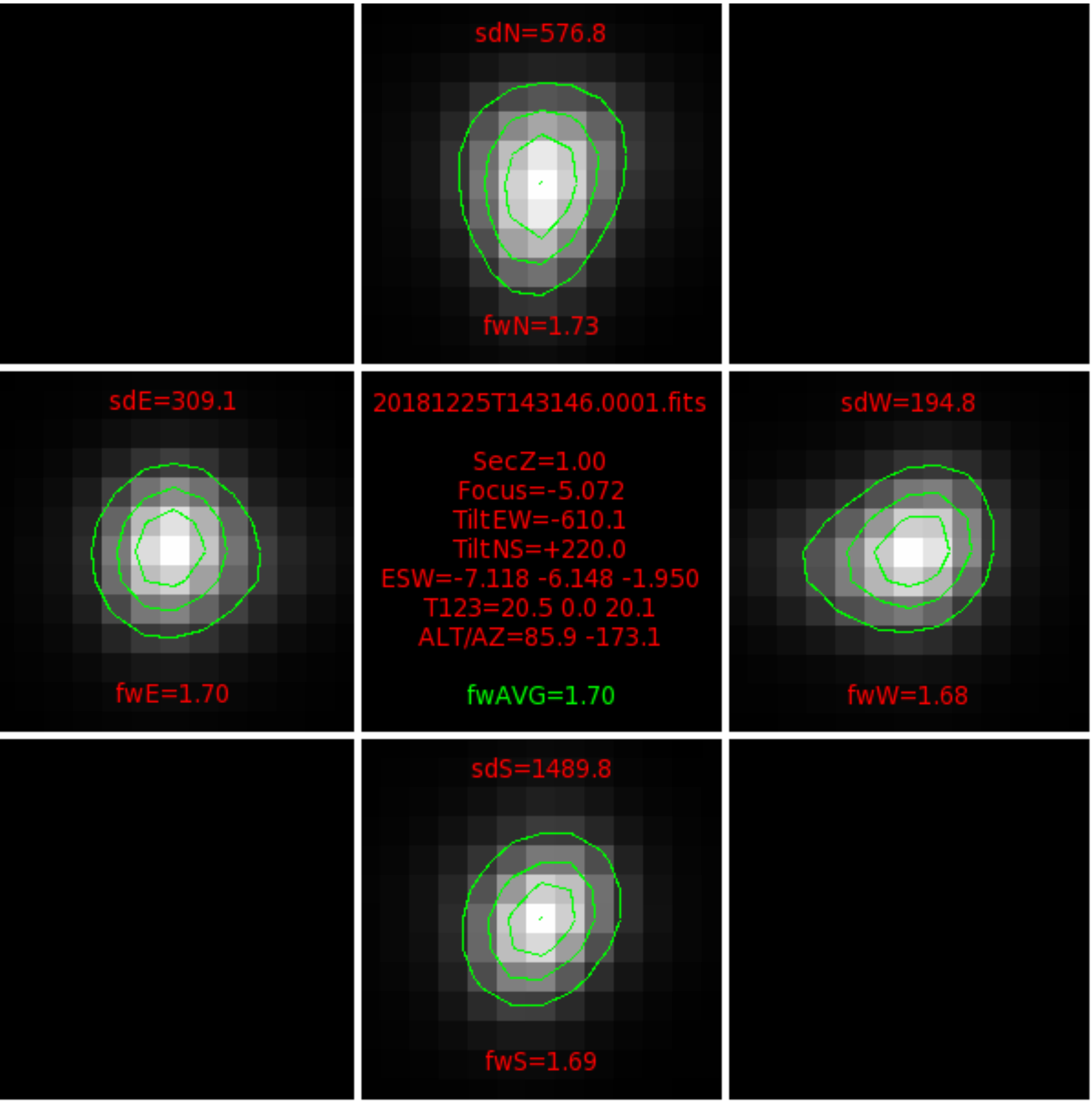

sdN=494.4
fwN=1.39
sdE=1609.2
fwE=1.35
20181225T142335.0001.fits
SecZ=1.04
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.6 19.5 20.1
ALT/AZ=74.5 179.5
fwAVG=1.34
sdW=506.9
fwW=1.35
sdS=1138.0
fwS=1.28
0 0 0 0 0 0 0 0 0

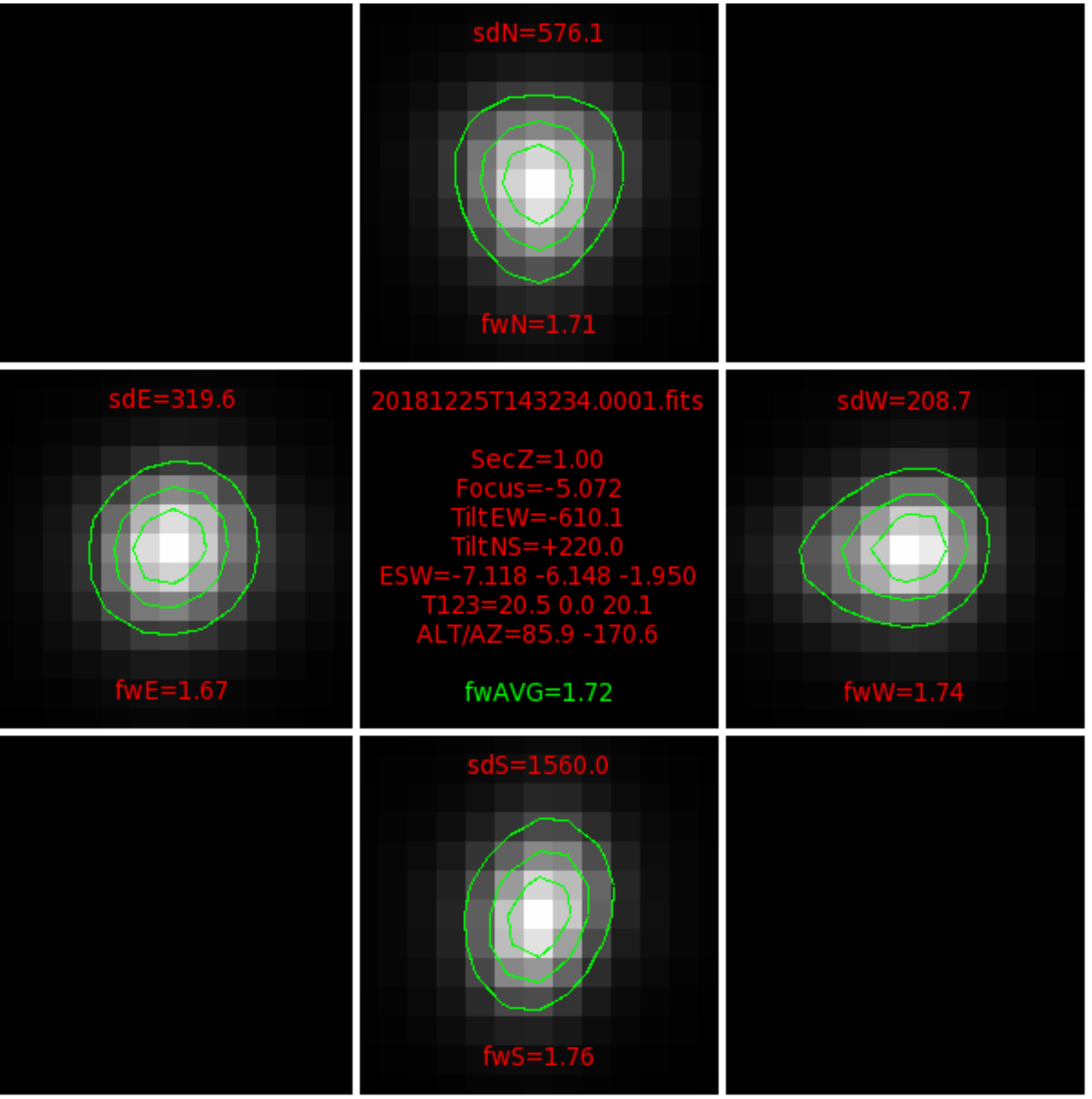

sdN=598.3
fwN=2.03
sdE=527.8
fwE=1.99
20181225T142545.0001.fits
SecZ=1.04
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.6 0.0 20.1
ALT/AZ=74.5 -178.6
fwAVG=1.99
sdW=486.1
fwW=2.01
sdS=178.6
fwS=1.94
0 0 0 0 0 0 0 0 0

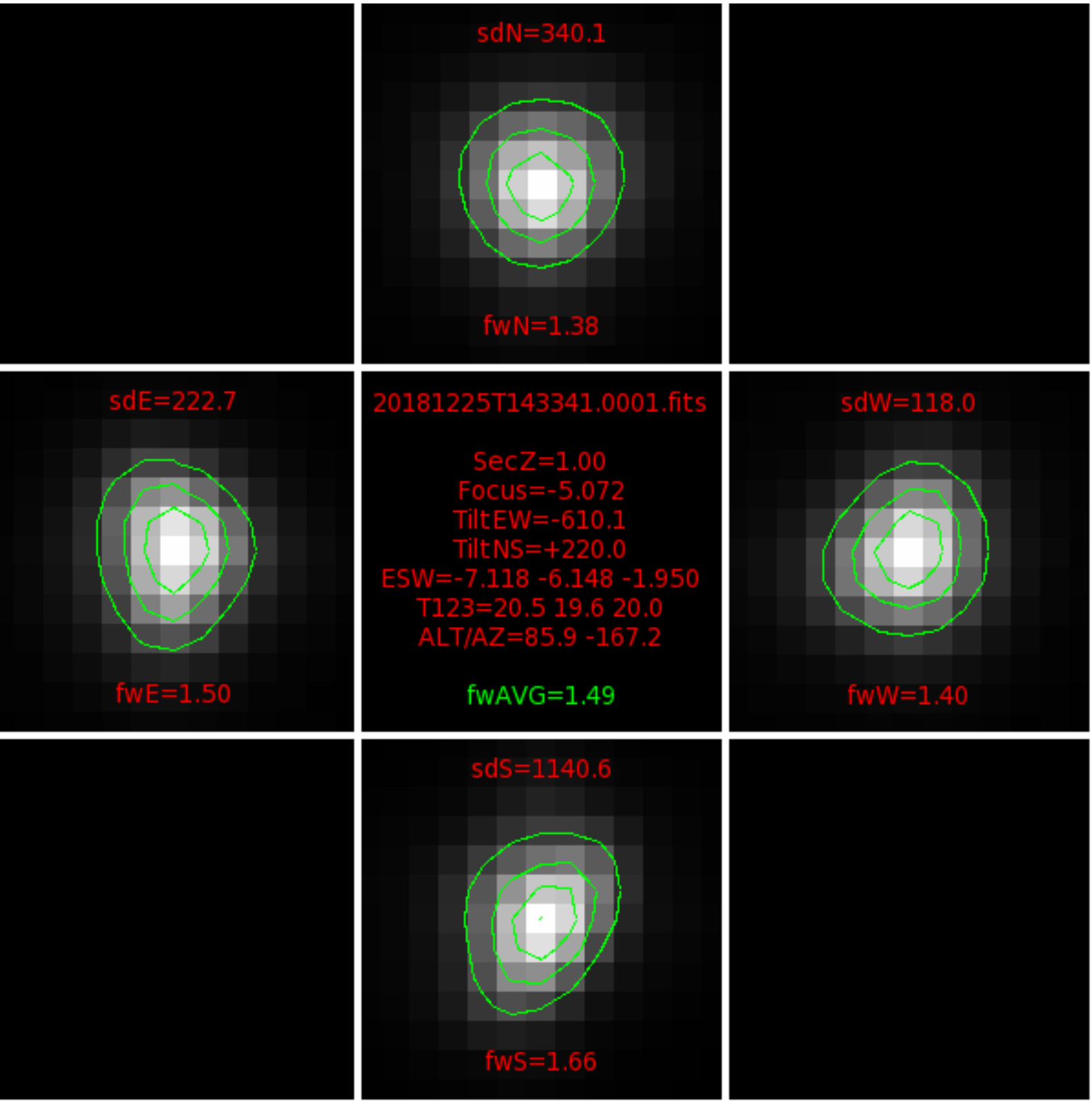

sdN=570.6
fwN=2.16
sdE=523.3
fwE=2.10
20181225T142634.0001.fits
SecZ=1.04
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.6 19.4 20.1
ALT/AZ=74.5 -177.9
fwAVG=2.08
sdW=540.1
fwW=2.11
sdS=197.7
fwS=1.96
0 0 0 0 0 0 0 0 0

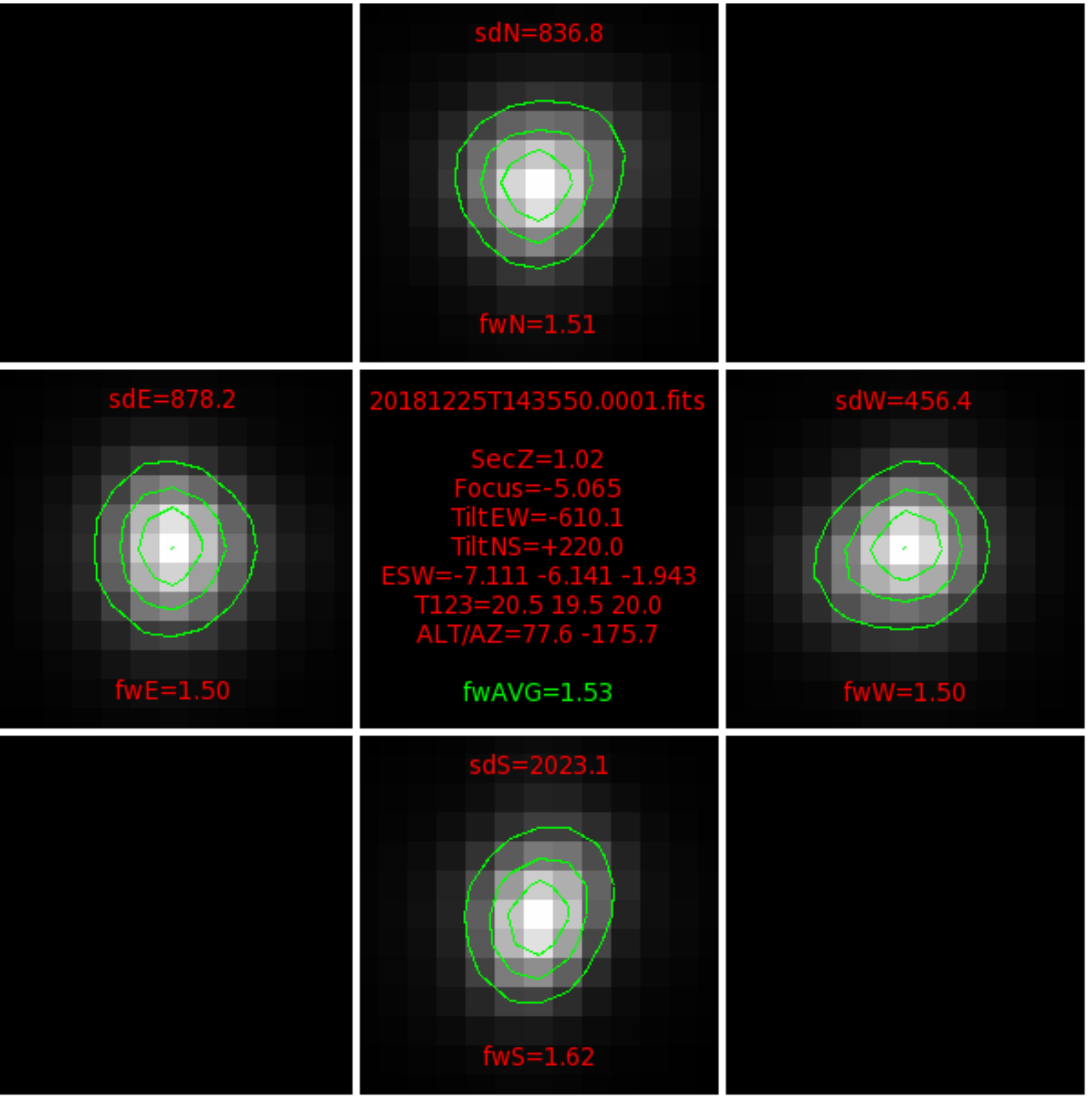

sdN=369.1
fwN=1.58
sdE=491.7
fwE=1.58
20181225T142751.0001.fits
SecZ=1.04
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.6 19.4 20.1
ALT/AZ=74.4 -176.7
fwAVG=1.55
sdW=342.6
fwW=1.56
sdS=158.9
fwS=1.50
0 0 0 0 0 0 0 0 0

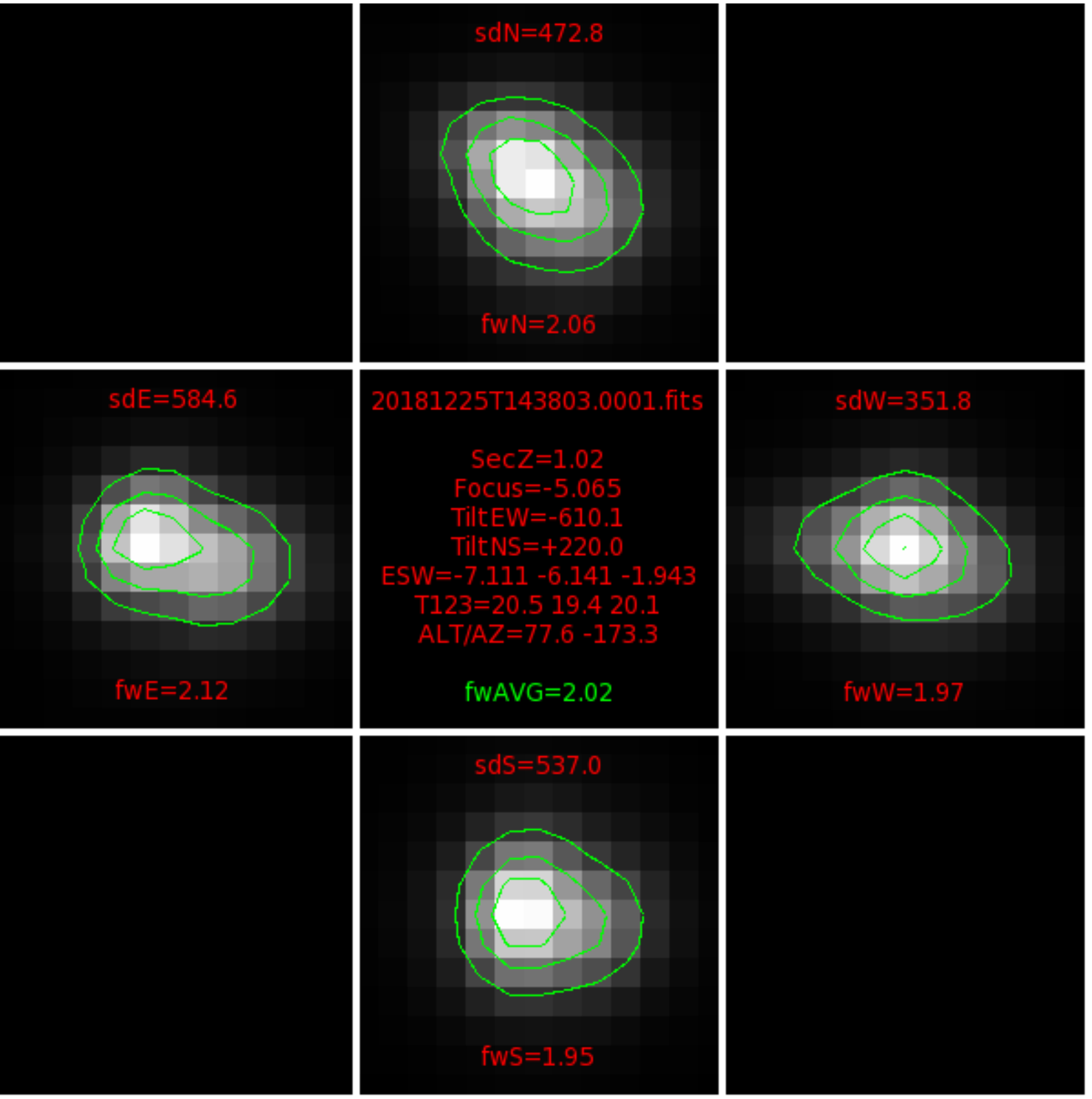

sdN=891.2
fwN=1.49
sdE=1045.6
fwE=1.49
20181225T142947.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.5 0.0 20.1
ALT/AZ=86.0 -179.3
fwAVG=1.47
sdW=939.3
fwW=1.49
sdS=815.2
fwS=1.42
0 0 0 0 0 0 0 0 0

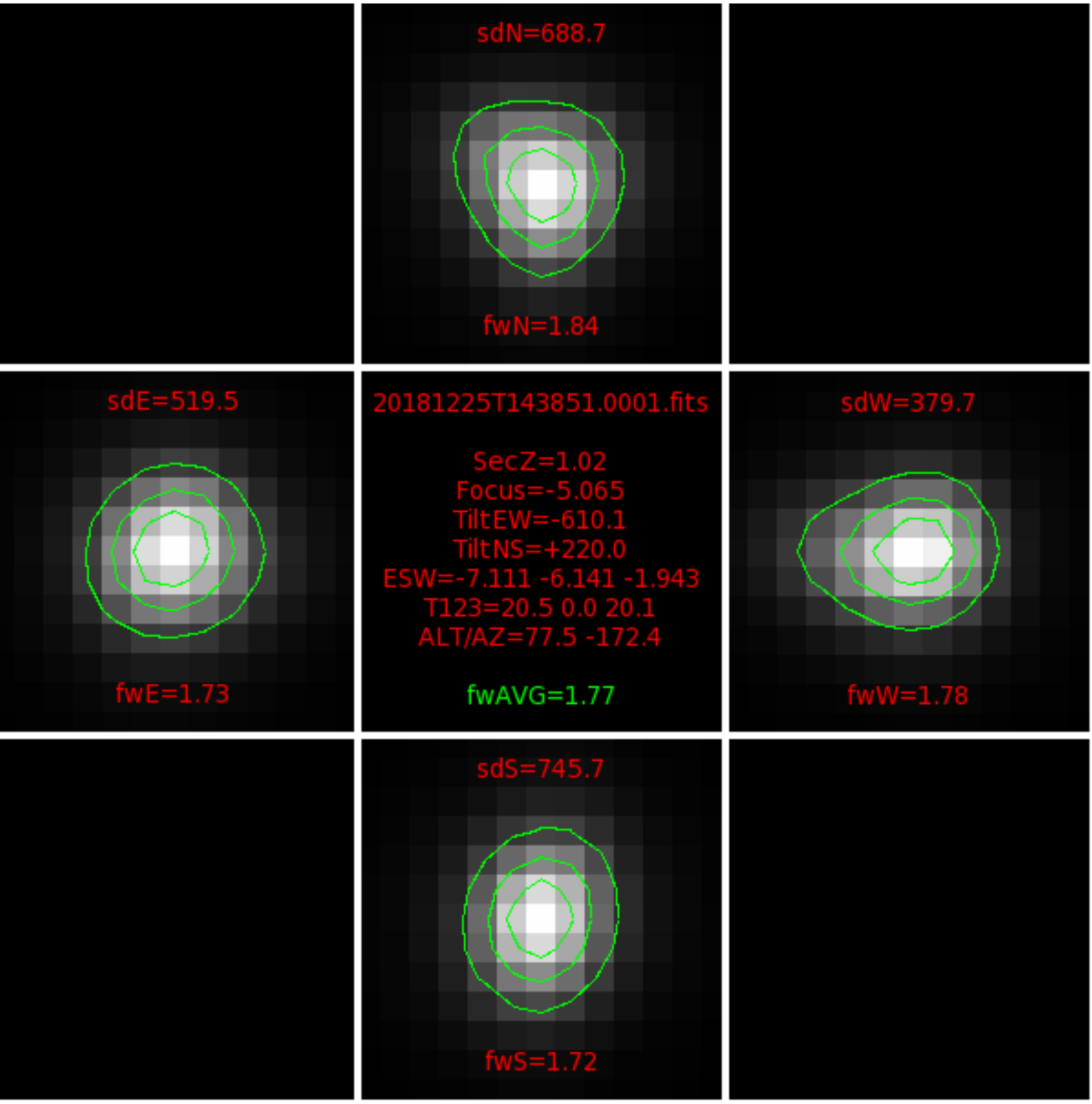

sdN=576.8
fwN=1.73
sdE=309.1
fwE=1.70
20181225T143146.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.5 0.0 20.1
ALT/AZ=85.9 -173.1
fwAVG=1.70
sdW=194.8
fwW=1.68
sdS=1489.8
fwS=1.69
0 0 0 0 0 0 0 0 0

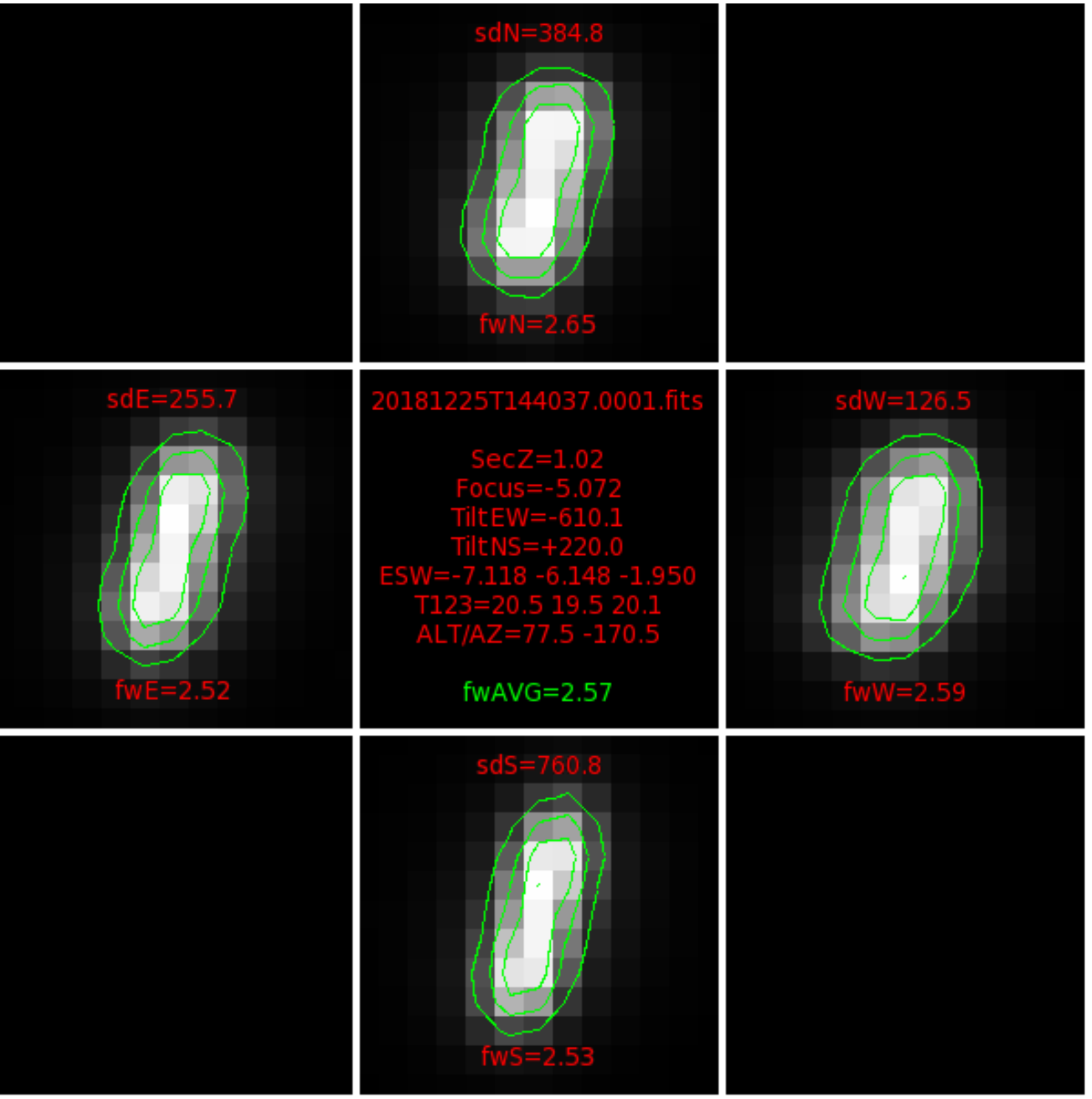

sdN=576.1
fwN=1.71
sdE=319.6
fwE=1.67
20181225T143234.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.5 0.0 20.1
ALT/AZ=85.9 -170.6
fwAVG=1.72
sdW=208.7
fwW=1.74
sdS=1560.0
fwS=1.76
0 0 0 0 0 0 0 0 0

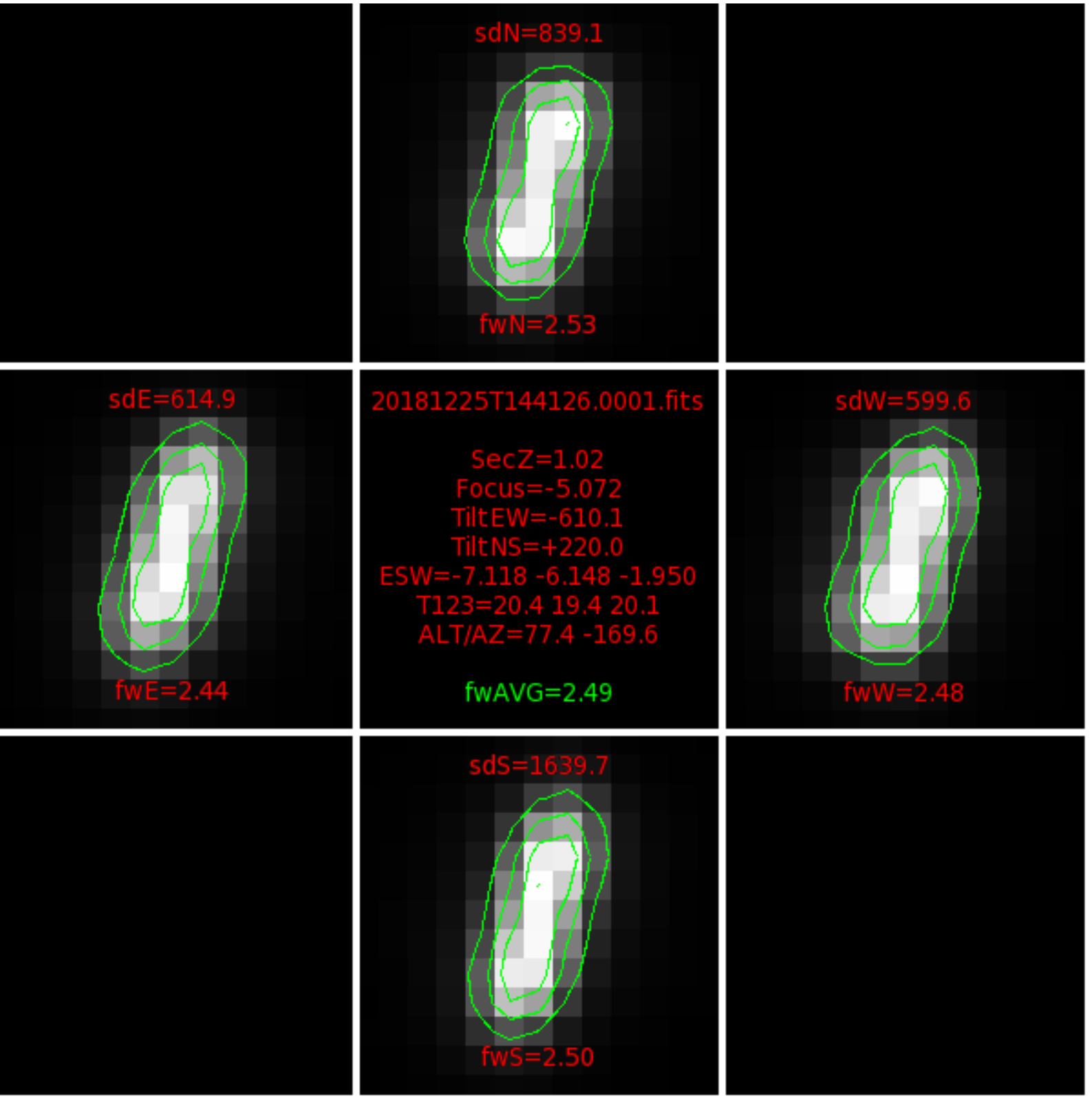

sdN=340.1
fwN=1.38
sdE=222.7
fwE=1.50
20181225T143341.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.5 19.6 20.0
ALT/AZ=85.9 -167.2
fwAVG=1.49
sdW=118.0
fwW=1.40
sdS=1140.6
fwS=1.66
0 0 0 0 0 0 0 0 0

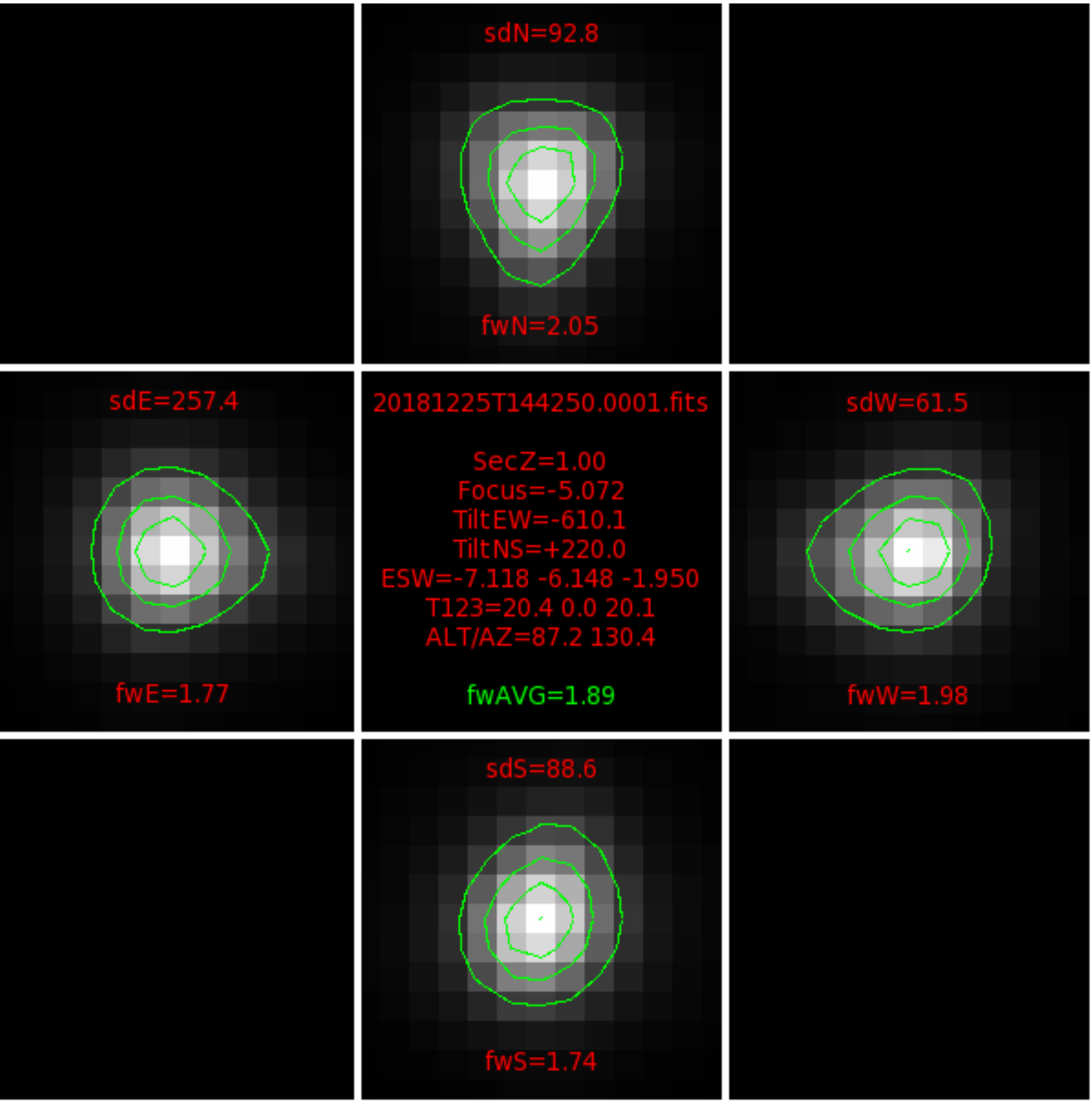

sdN=836.8
fwN=1.51
sdE=878.2
fwE=1.50
20181225T143550.0001.fits
SecZ=1.02
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=20.5 19.5 20.0
ALT/AZ=77.6 -175.7
fwAVG=1.53
sdW=456.4
fwW=1.50
sdS=2023.1
fwS=1.62
0 0 0 0 0 0 0 0 0

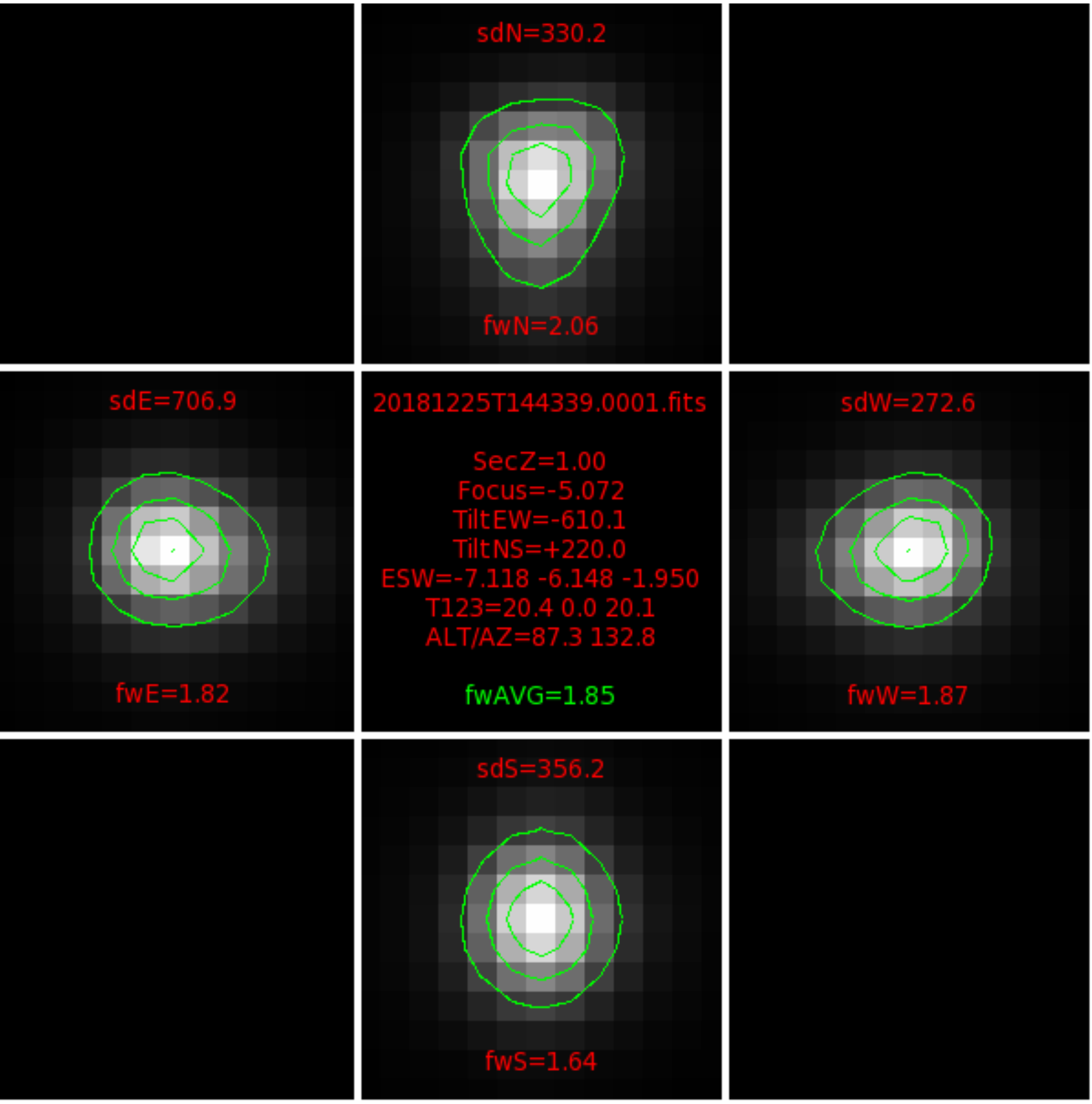

sdN=472.8
fwN=2.06
sdE=584.6
fwE=2.12
20181225T143803.0001.fits
SecZ=1.02
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=20.5 19.4 20.1
ALT/AZ=77.6 -173.3
fwAVG=2.02
sdW=351.8
fwW=1.97
sdS=537.0
fwS=1.95
0 0 0 0 0 0 0 0 0

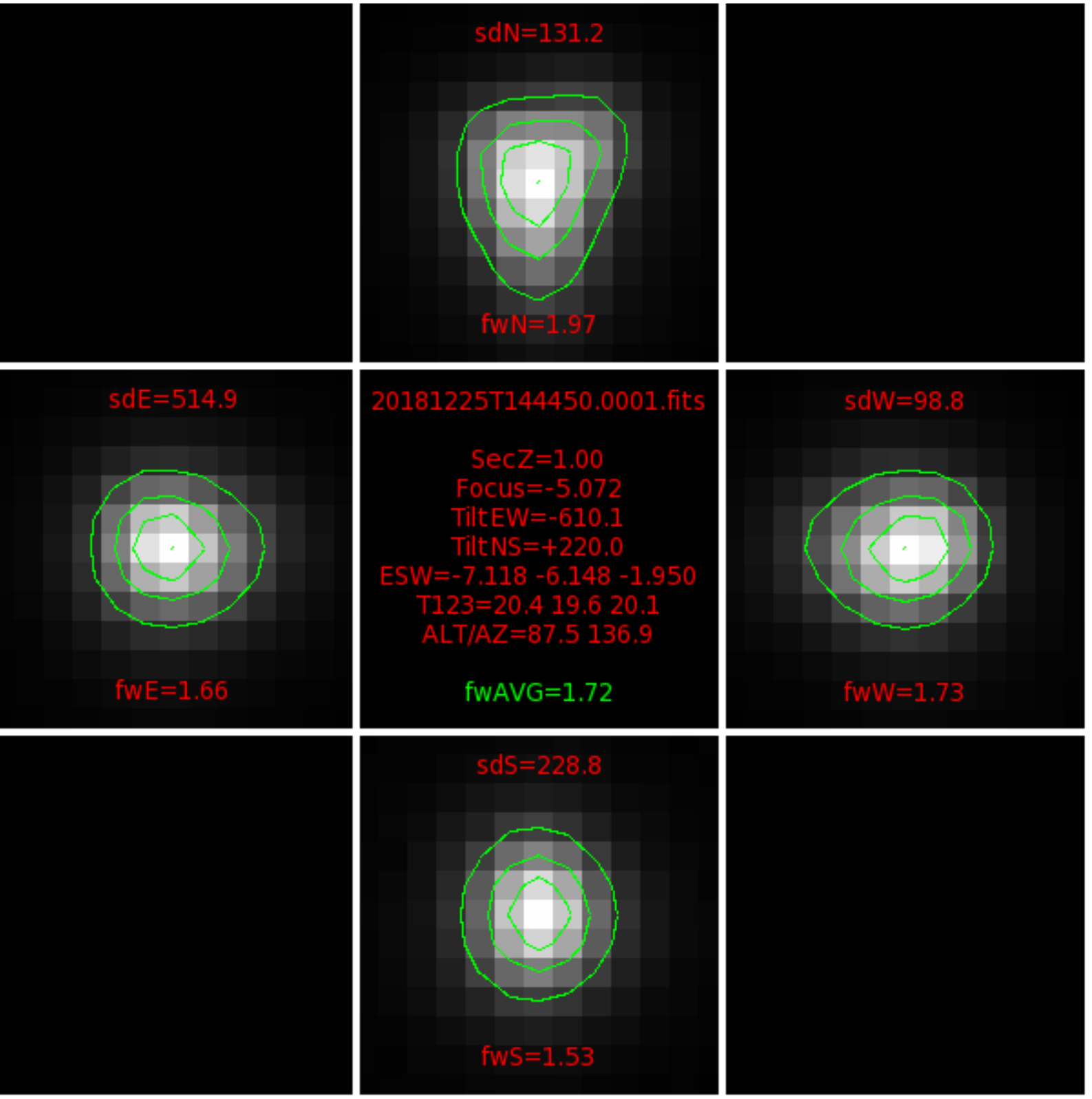

sdN=688.7
fwN=1.84
sdE=519.5
fwE=1.73
20181225T143851.0001.fits
SecZ=1.02
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=20.5 0.0 20.1
ALT/AZ=77.5 -172.4
fwAVG=1.77
sdW=379.7
fwW=1.78
sdS=745.7
fwS=1.72
0 0 0 0 0 0 0 0 0

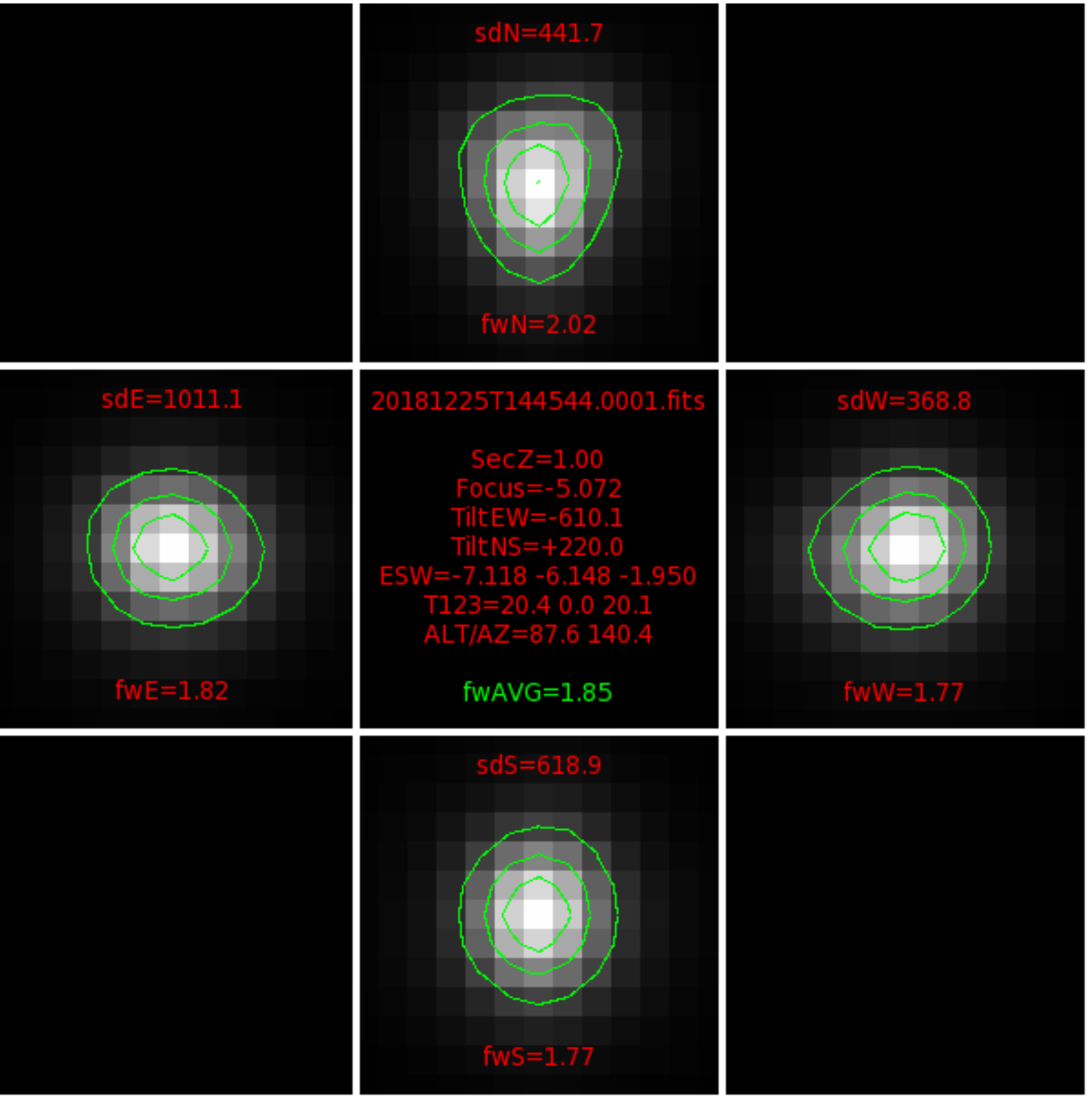

sdN=384.8
fwN=2.65
sdE=255.7
fwE=2.52
20181225T144037.0001.fits
SecZ=1.02
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.5 19.5 20.1
ALT/AZ=77.5 -170.5
fwAVG=2.57
sdW=126.5
fwW=2.59
sdS=760.8
fwS=2.53
0 0 0 0 0 0 0 0 0

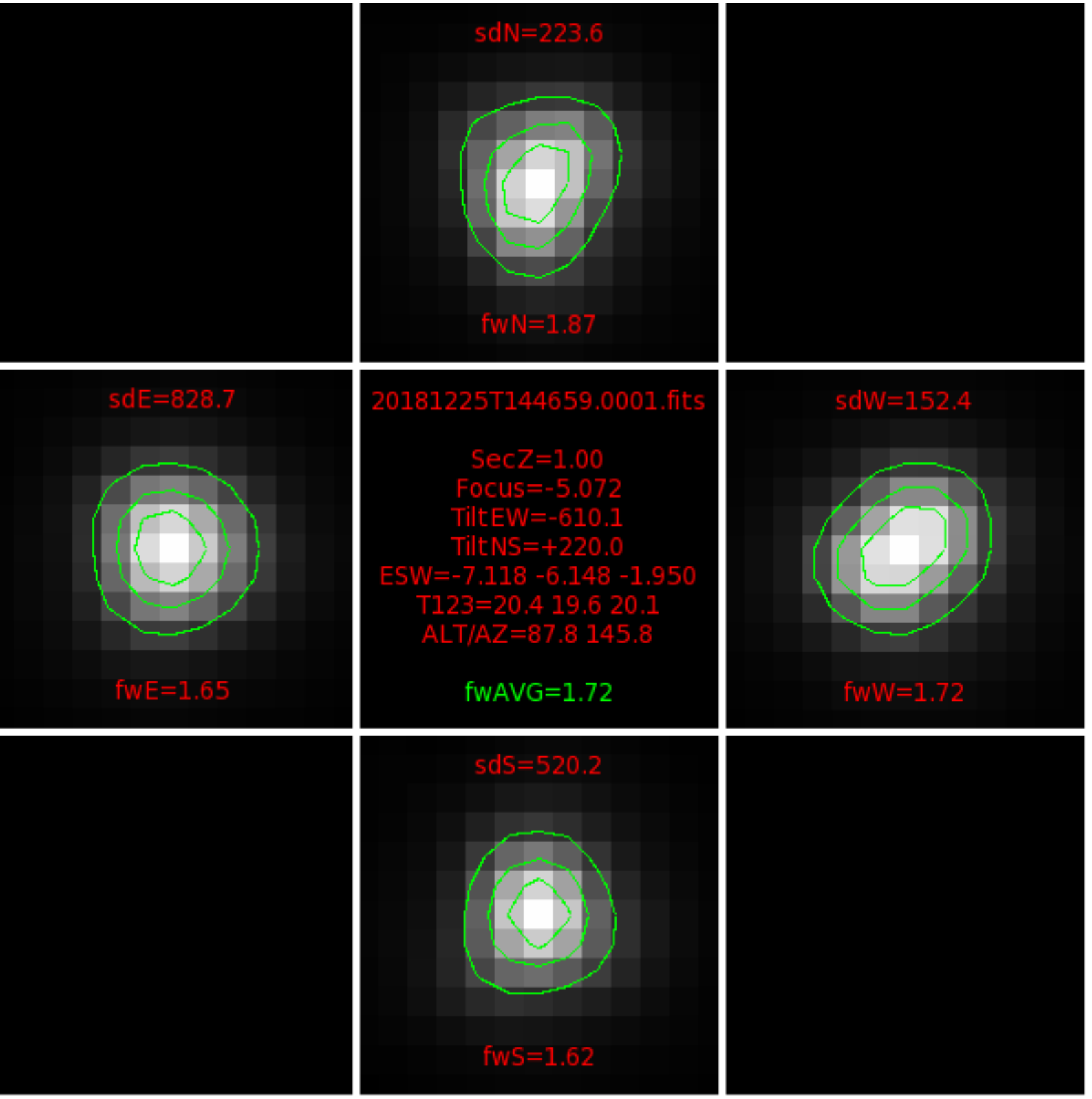

sdN=839.1
fwN=2.53
sdE=614.9
fwE=2.44
20181225T144126.0001.fits
SecZ=1.02
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.4 19.4 20.1
ALT/AZ=77.4 -169.6
fwAVG=2.49
sdW=599.6
fwW=2.48
sdS=1639.7
fwS=2.50
0 0 0 0 0 0 0 0 0

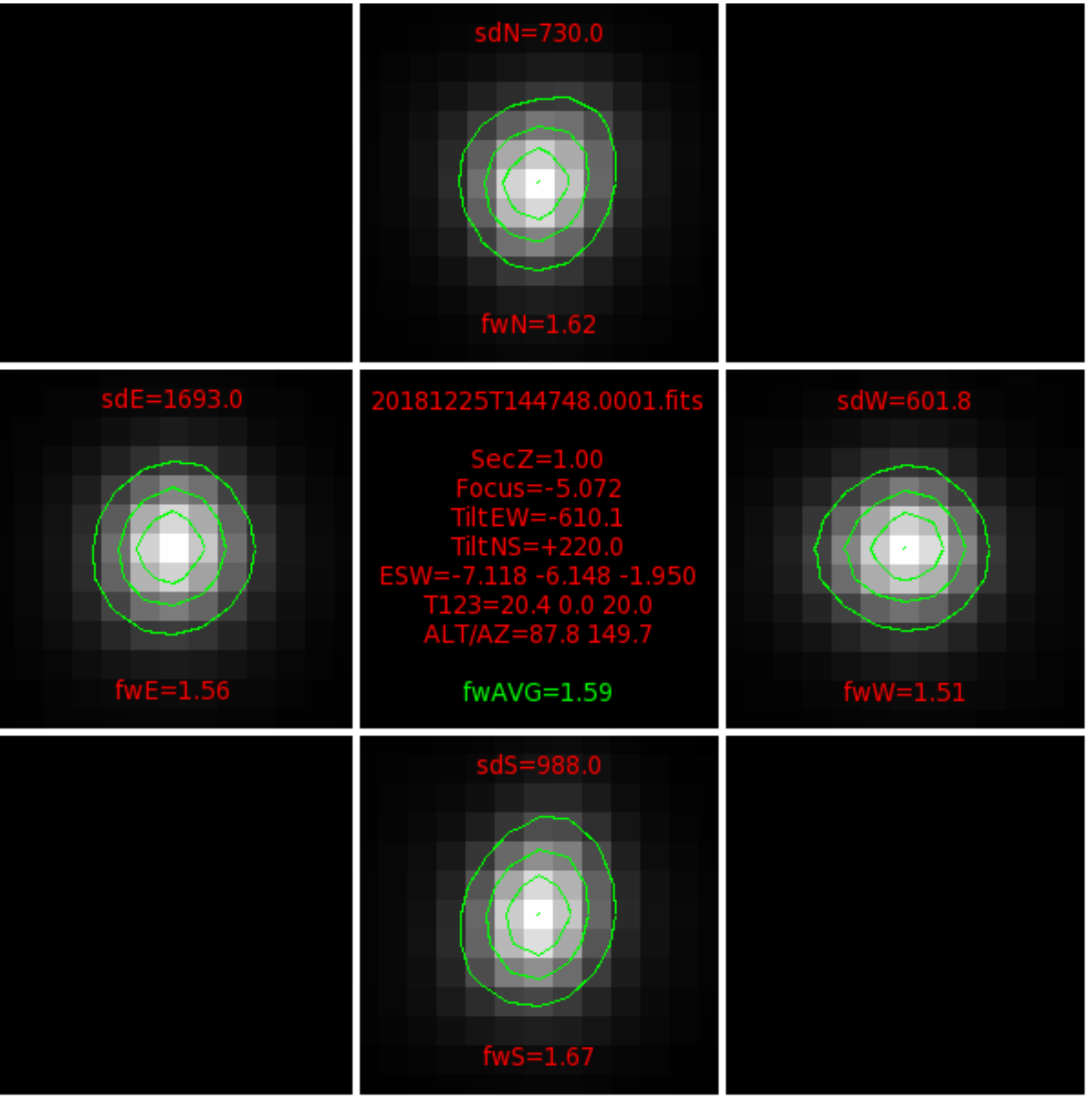

sdN=92.8
fwN=2.05
sdE=257.4
fwE=1.77
20181225T144250.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.4 0.0 20.1
ALT/AZ=87.2 130.4
fwAVG=1.89
sdW=61.5
fwW=1.98
sdS=88.6
fwS=1.74
0 0 0 0 0 0 0 0 0

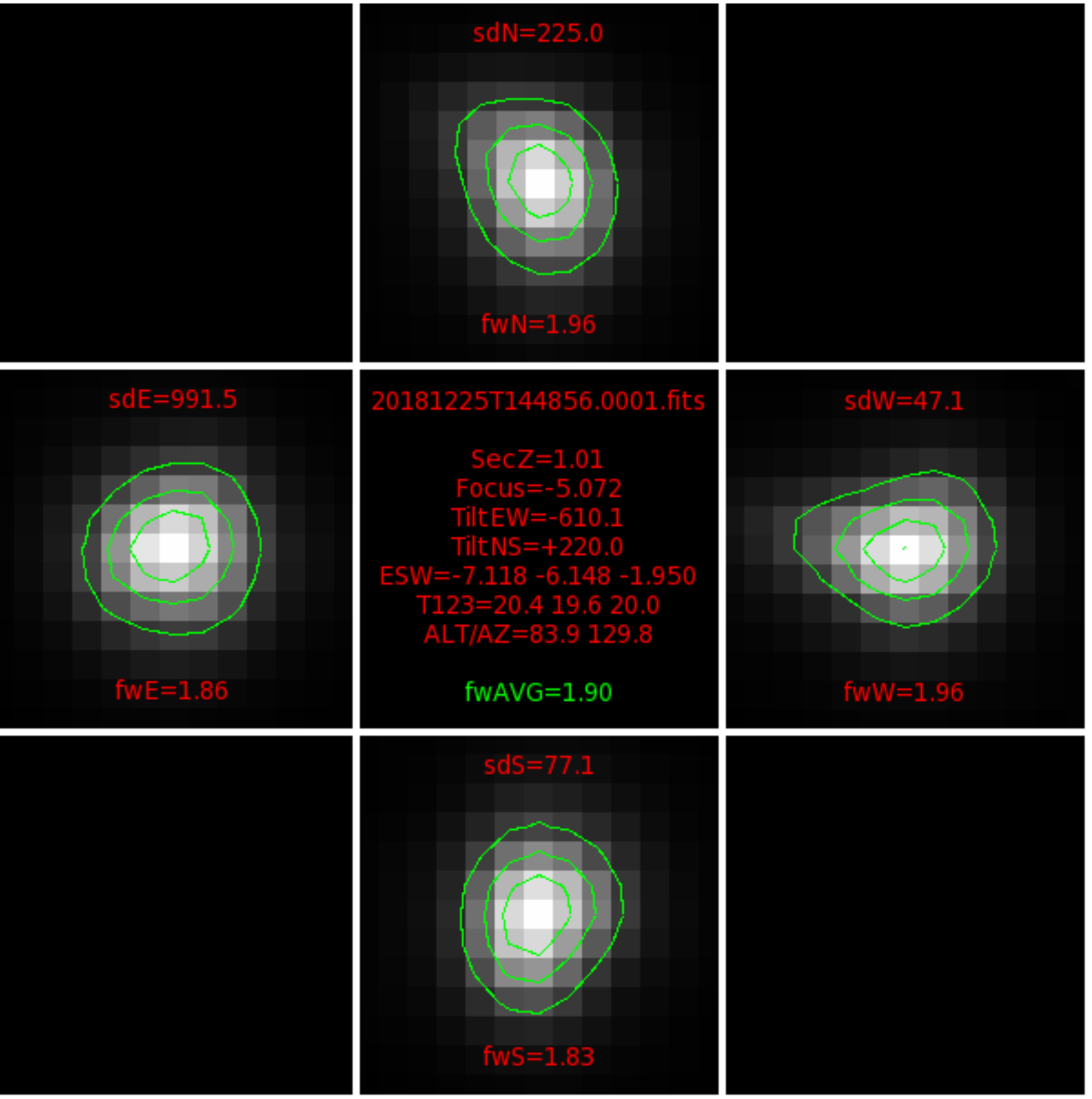

sdN=330.2
fwN=2.06
sdE=706.9
fwE=1.82
20181225T144339.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.4 0.0 20.1
ALT/AZ=87.3 132.8
fwAVG=1.85
sdW=272.6
fwW=1.87
sdS=356.2
fwS=1.64
0 0 0 0 0 0 0 0 0

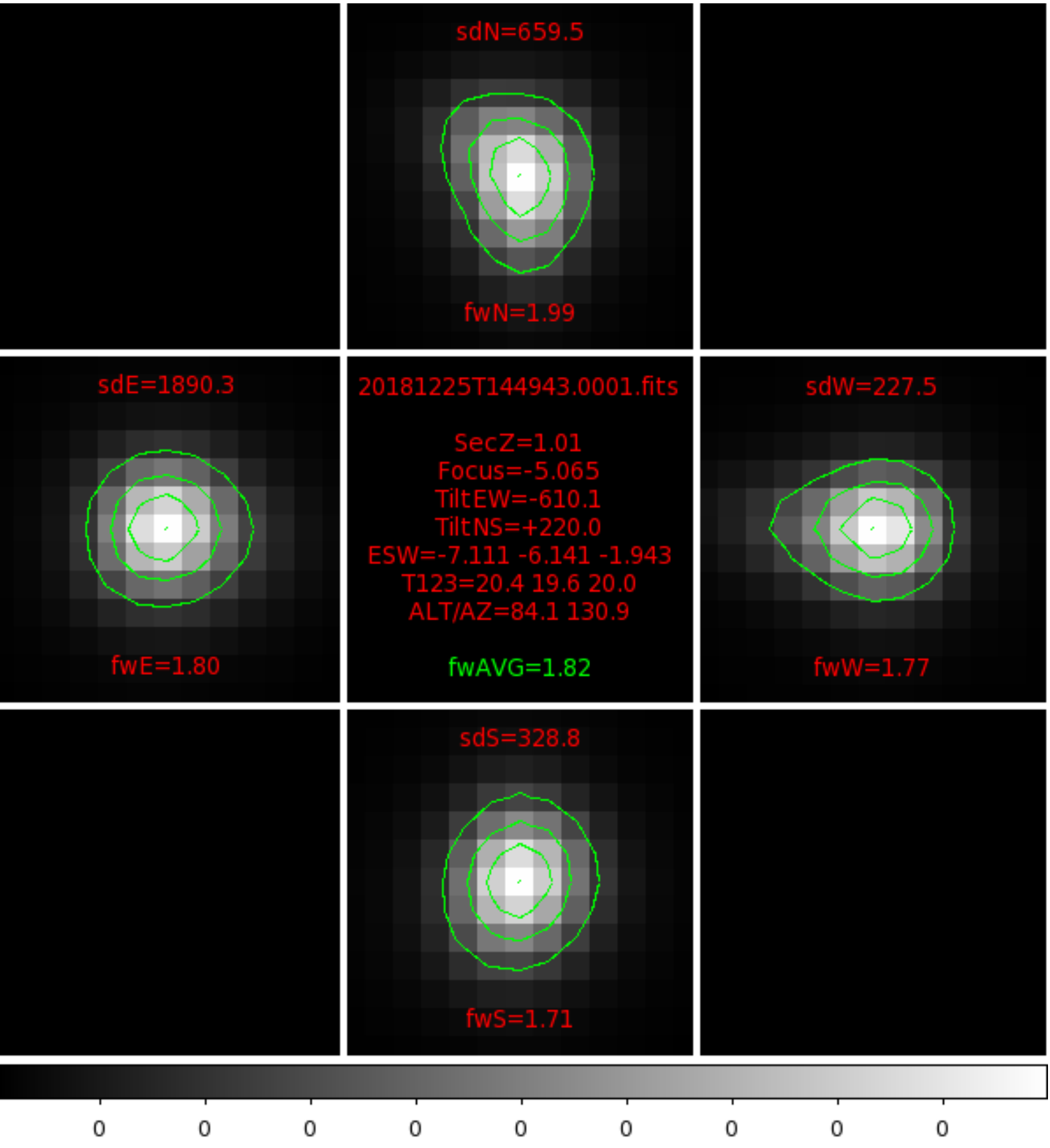

sdN=131.2
fwN=1.97
sdE=514.9
fwE=1.66
20181225T144450.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.4 19.6 20.1
ALT/AZ=87.5 136.9
fwAVG=1.72
sdW=98.8
fwW=1.73
sdS=228.8
fwS=1.53
0 0 0 0 0 0 0 0 0

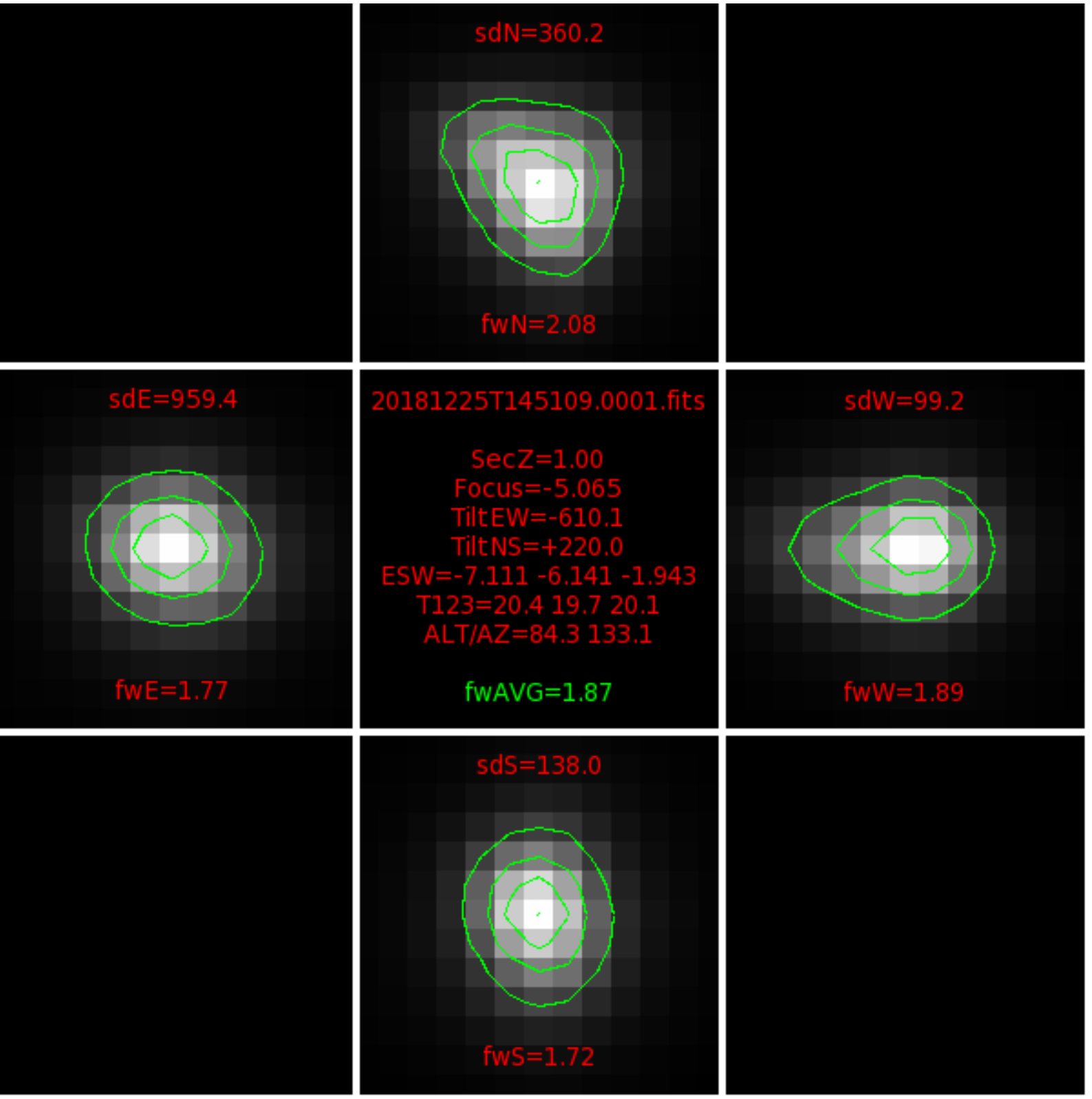

sdN=441.7
fwN=2.02
sdE=1011.1
fwE=1.82
20181225T144544.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.4 0.0 20.1
ALT/AZ=87.6 140.4
fwAVG=1.85
sdW=368.8
fwW=1.77
sdS=618.9
fwS=1.77
0 0 0 0 0 0 0 0 0

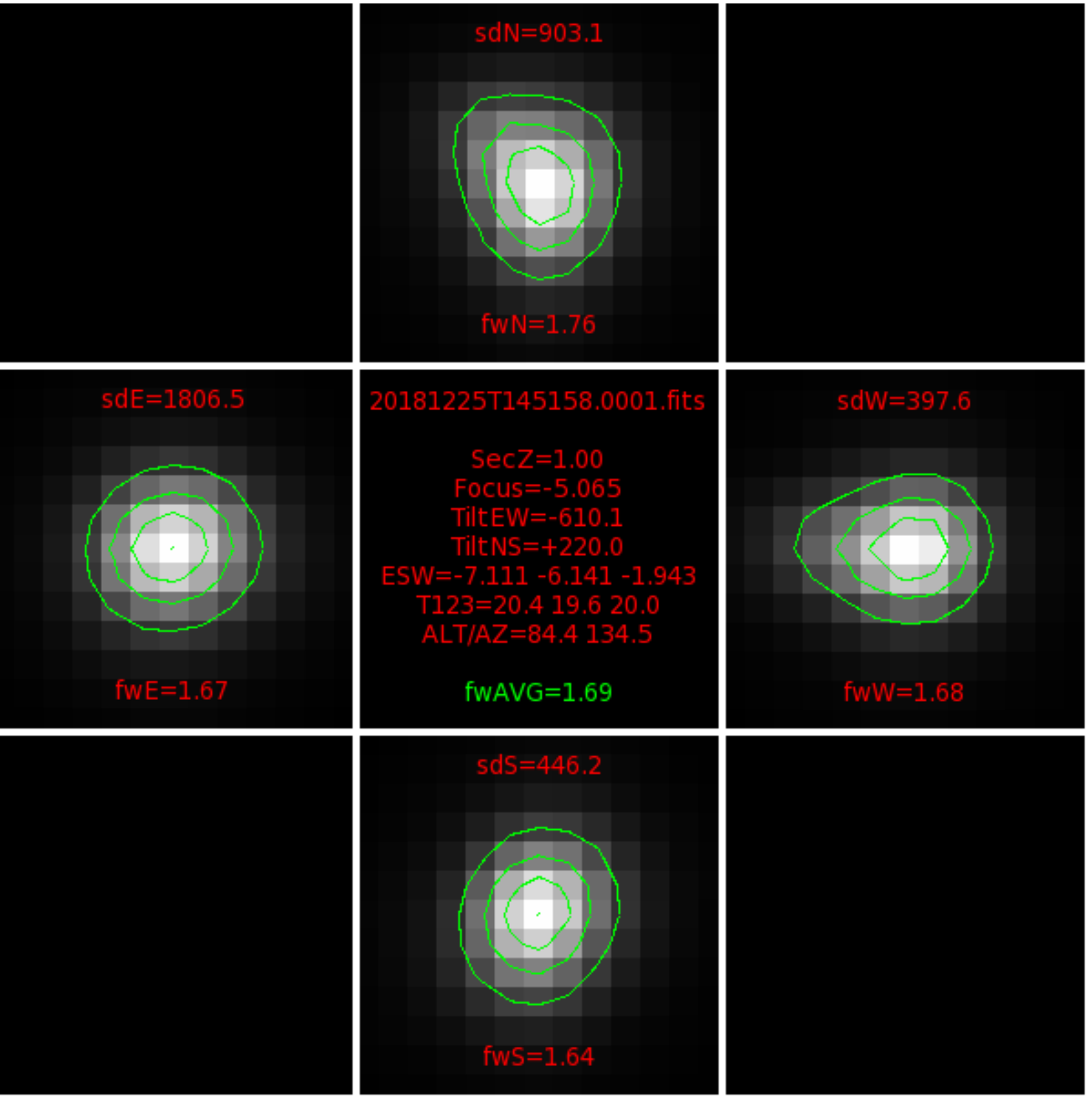

sdN=223.6
fwN=1.87
sdE=828.7
fwE=1.65
20181225T144659.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.4 19.6 20.1
ALT/AZ=87.8 145.8
fwAVG=1.72
sdW=152.4
fwW=1.72
sdS=520.2
fwS=1.62
0 0 0 0 0 0 0 0 0

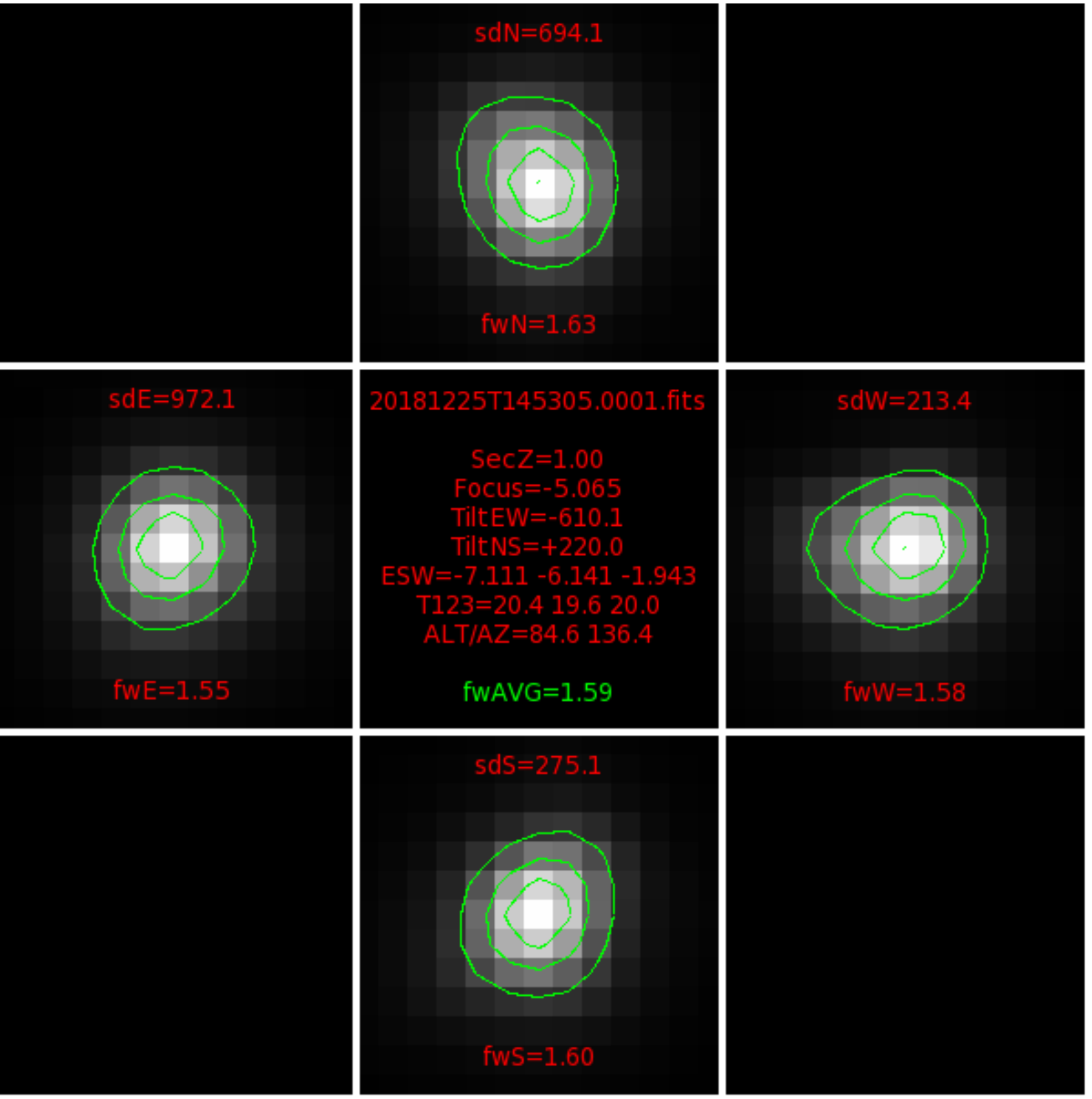

sdN=730.0
fwN=1.62
sdE=1693.0
fwE=1.56
20181225T144748.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.4 0.0 20.0
ALT/AZ=87.8 149.7
fwAVG=1.59
sdW=601.8
fwW=1.51
sdS=988.0
fwS=1.67
0 0 0 0 0 0 0 0 0

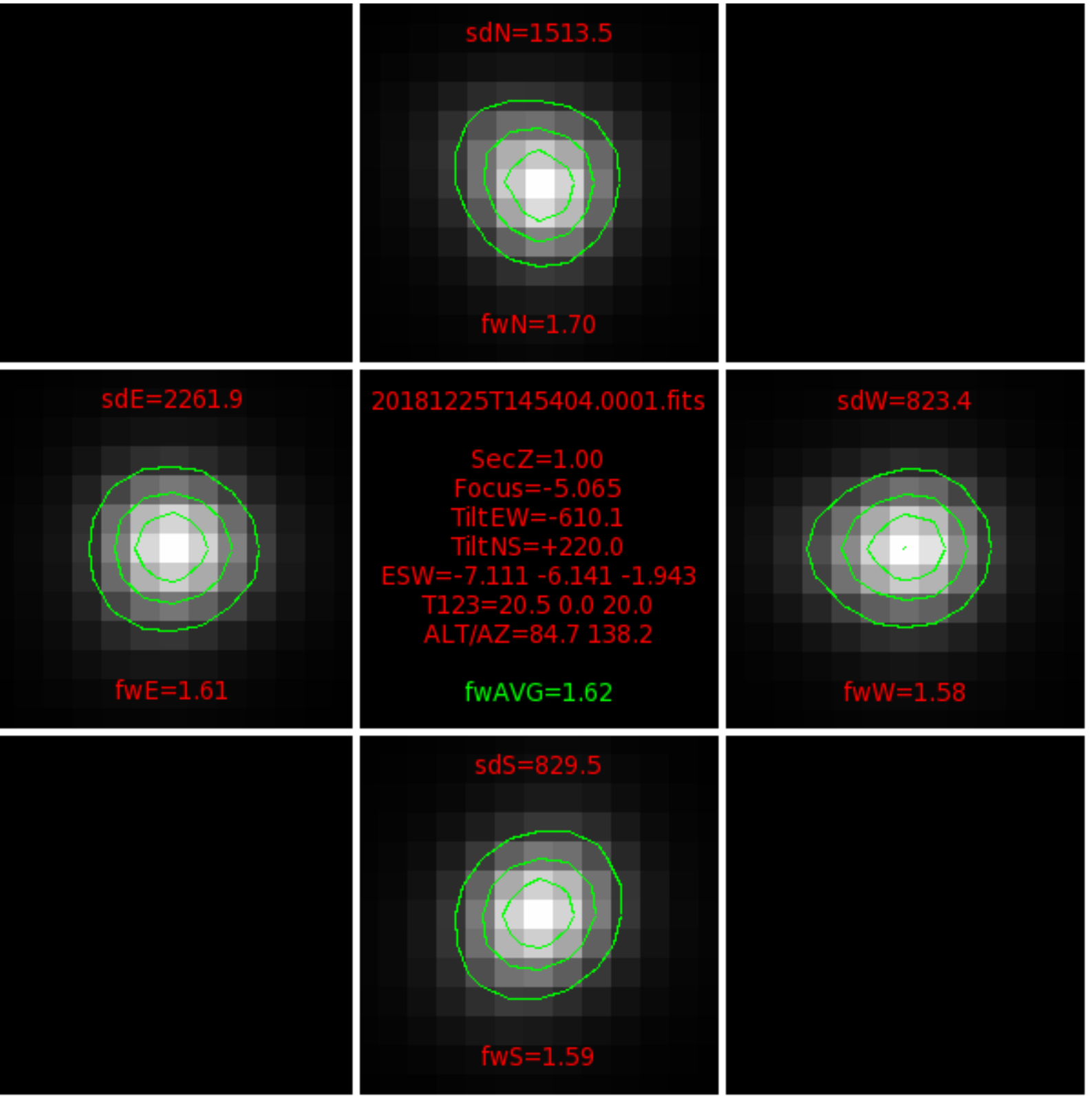

sdN=225.0
fwN=1.96
sdE=991.5
fwE=1.86
20181225T144856.0001.fits
SecZ=1.01
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.4 19.6 20.0
ALT/AZ=83.9 129.8
fwAVG=1.90
sdW=47.1
fwW=1.96
sdS=77.1
fwS=1.83
0 0 0 0 0 0 0 0 0

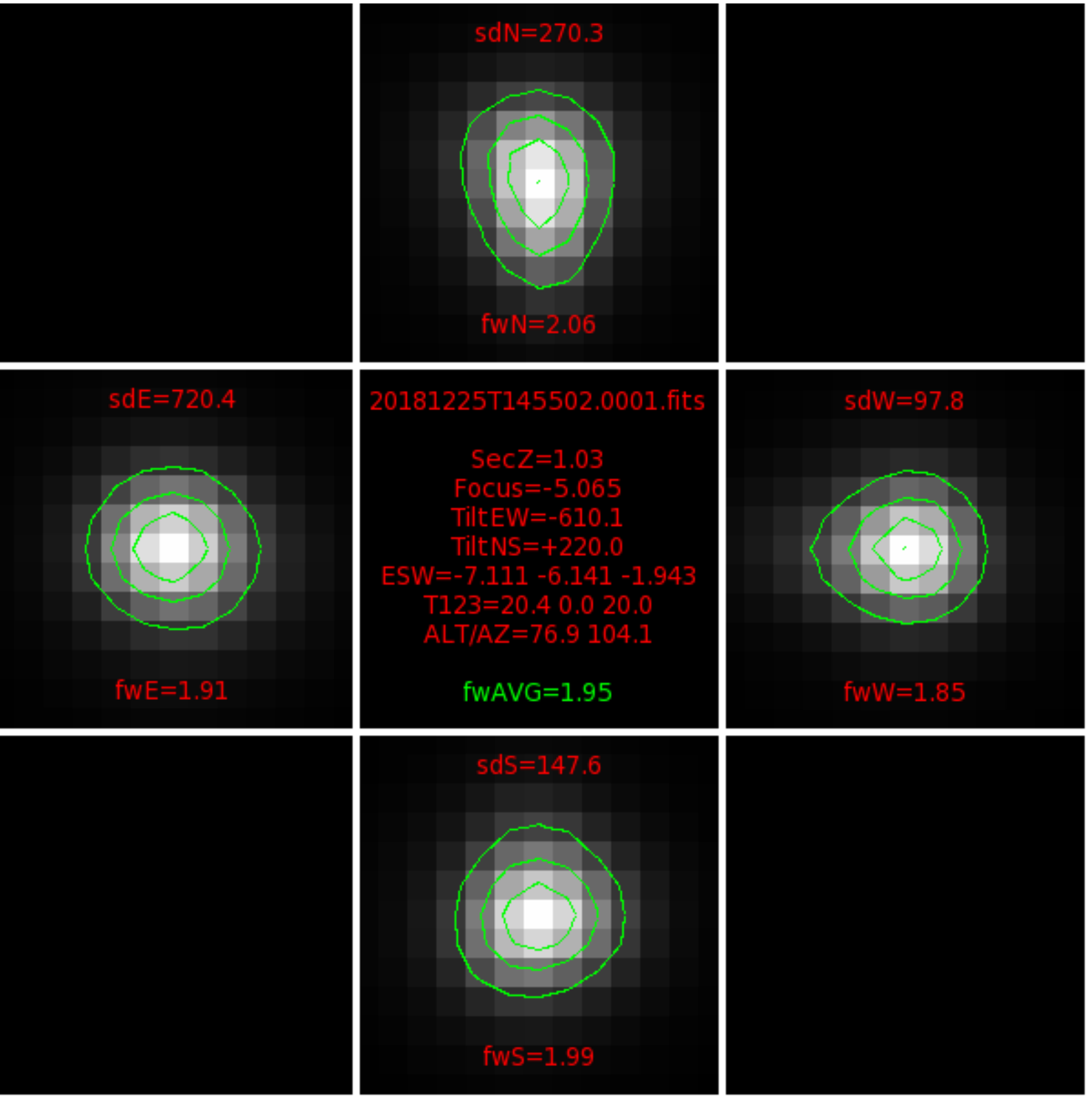

sdN=659.5
fwN=1.99
sdE=1890.3
fwE=1.80
20181225T144943.0001.fits
SecZ=1.01
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=20.4 19.6 20.0
ALT/AZ=84.1 130.9
fwAVG=1.82
sdW=227.5
fwW=1.77
sdS=328.8
fwS=1.71
0 0 0 0 0 0 0 0 0

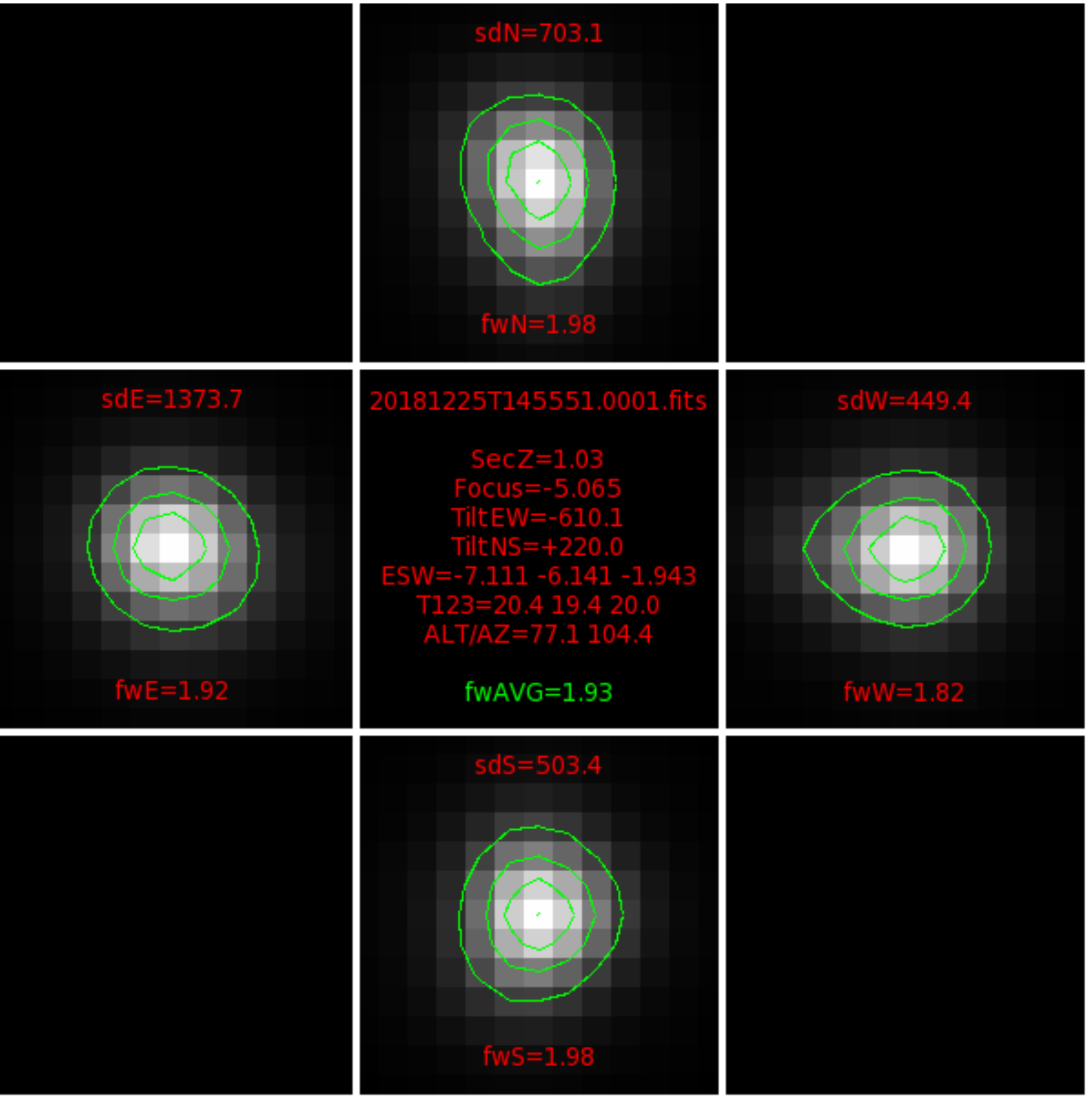

sdN=360.2
fwN=2.08
sdE=959.4
fwE=1.77
20181225T145109.0001.fits
SecZ=1.00
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=20.4 19.7 20.1
ALT/AZ=84.3 133.1
fwAVG=1.87
sdW=99.2
fwW=1.89
sdS=138.0
fwS=1.72
0 0 0 0 0 0 0 0 0

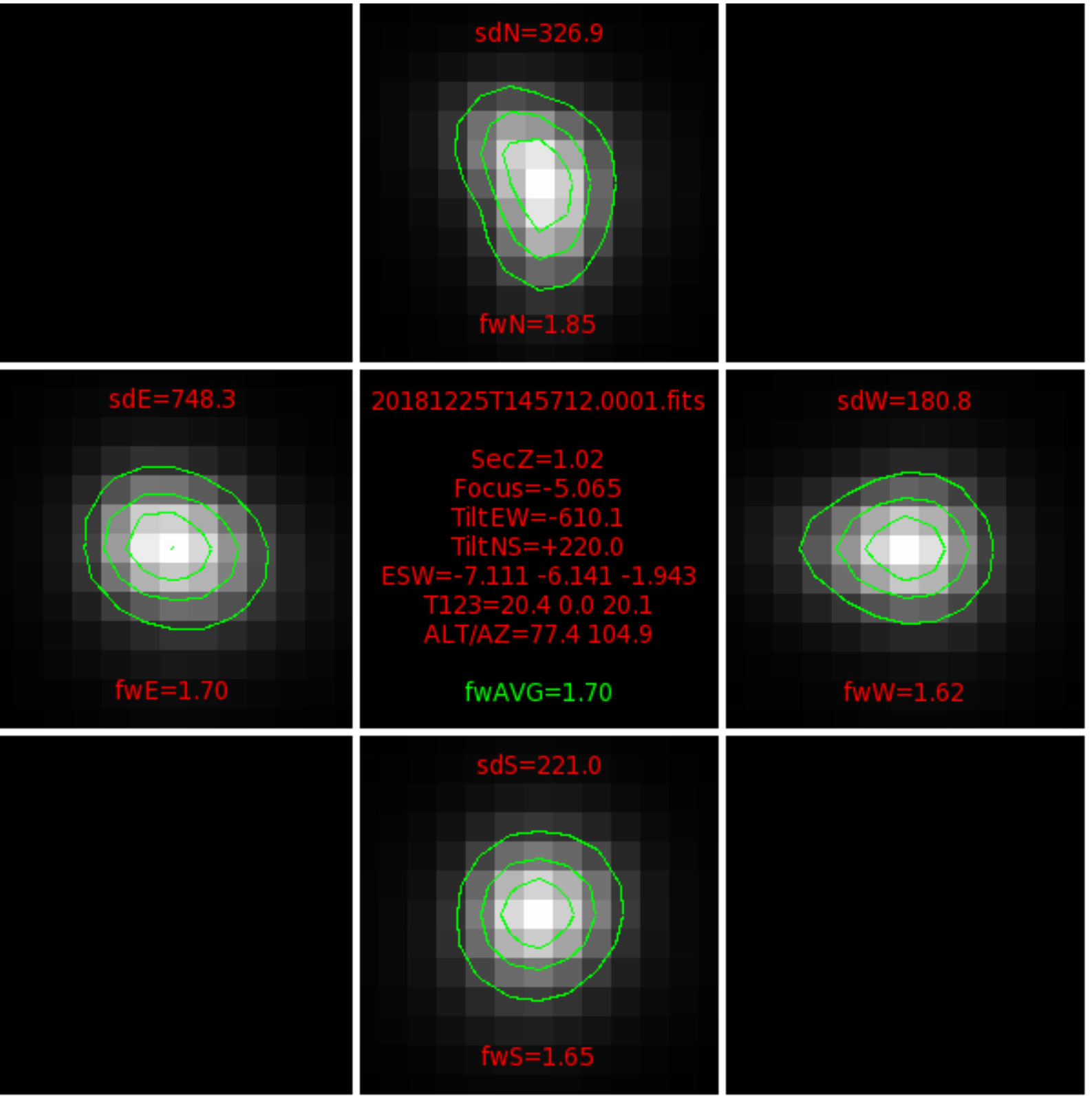

sdN=903.1
fwN=1.76
sdE=1806.5
fwE=1.67
20181225T145158.0001.fits
SecZ=1.00
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=20.4 19.6 20.0
ALT/AZ=84.4 134.5
fwAVG=1.69
sdW=397.6
fwW=1.68
sdS=446.2
fwS=1.64
0 0 0 0 0 0 0 0 0

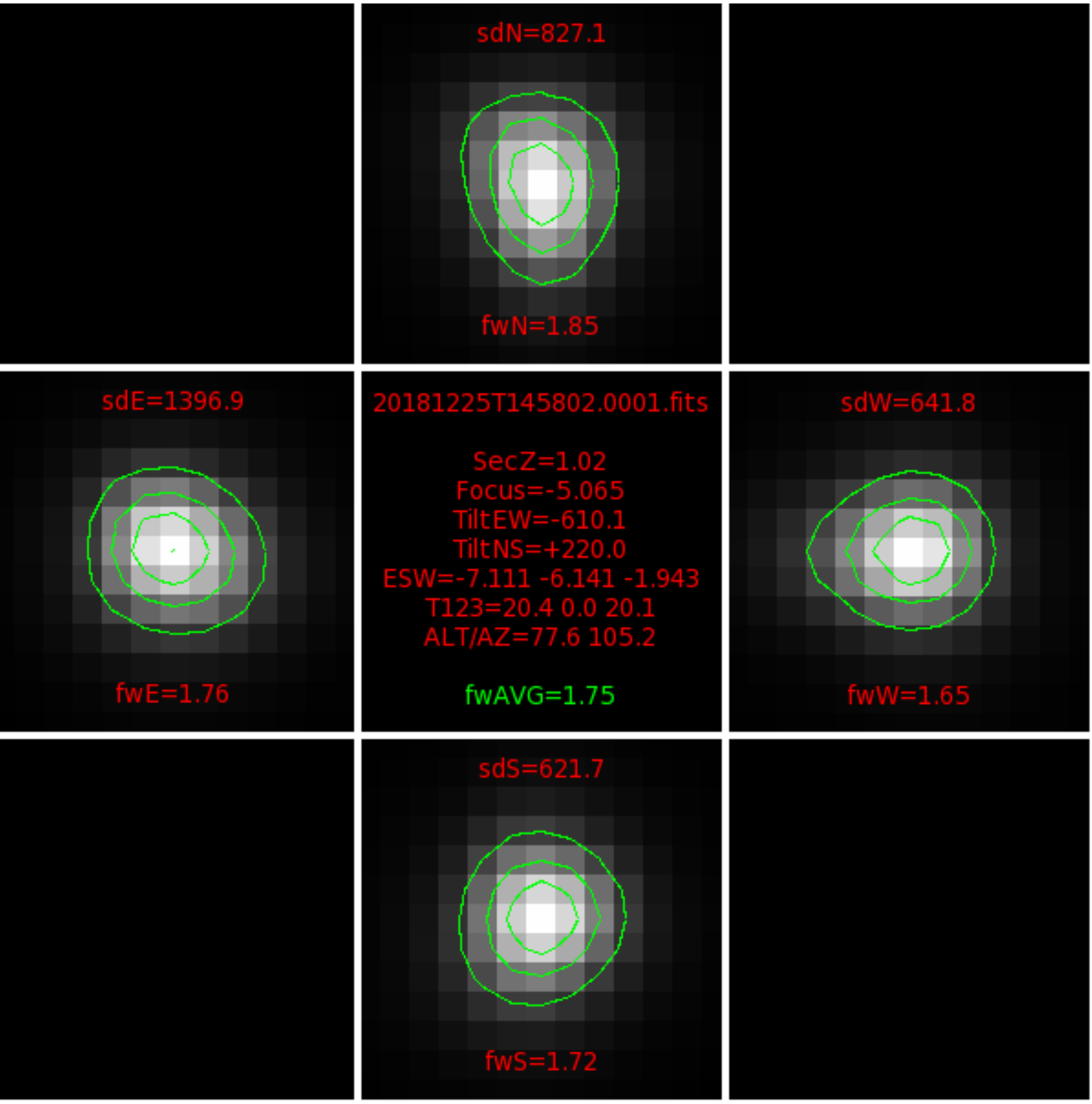

sdN=694.1
fwN=1.63
sdE=972.1
fwE=1.55
20181225T145305.0001.fits
SecZ=1.00
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=20.4 19.6 20.0
ALT/AZ=84.6 136.4
fwAVG=1.59
sdW=213.4
fwW=1.58
sdS=275.1
fwS=1.60
0 0 0 0 0 0 0 0 0

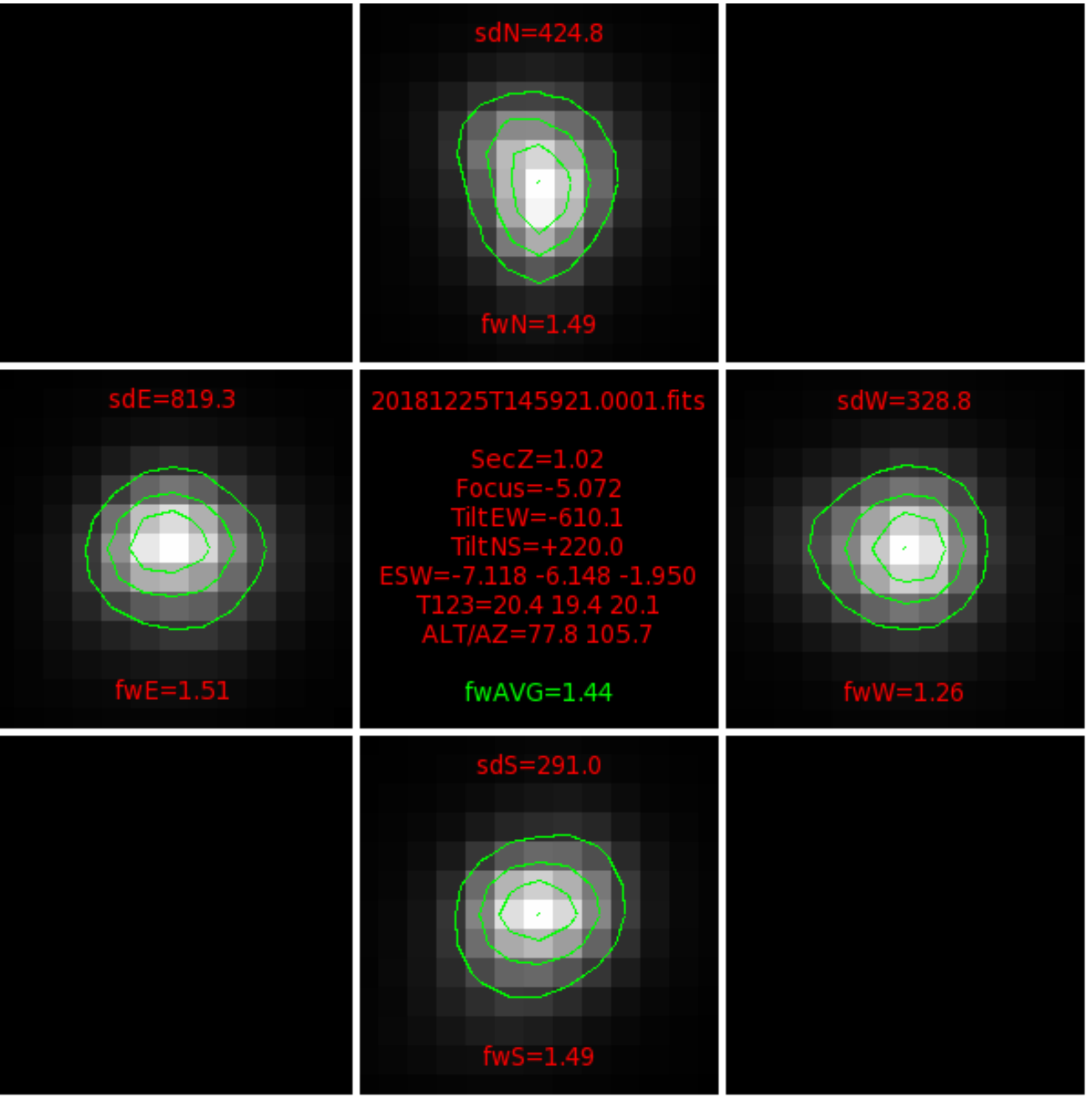

sdN=1513.5
fwN=1.70
sdE=2261.9
fwE=1.61
20181225T145404.0001.fits
SecZ=1.00
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=20.5 0.0 20.0
ALT/AZ=84.7 138.2
fwAVG=1.62
sdW=823.4
fwW=1.58
sdS=829.5
fwS=1.59
0 0 0 0 0 0 0 0 0

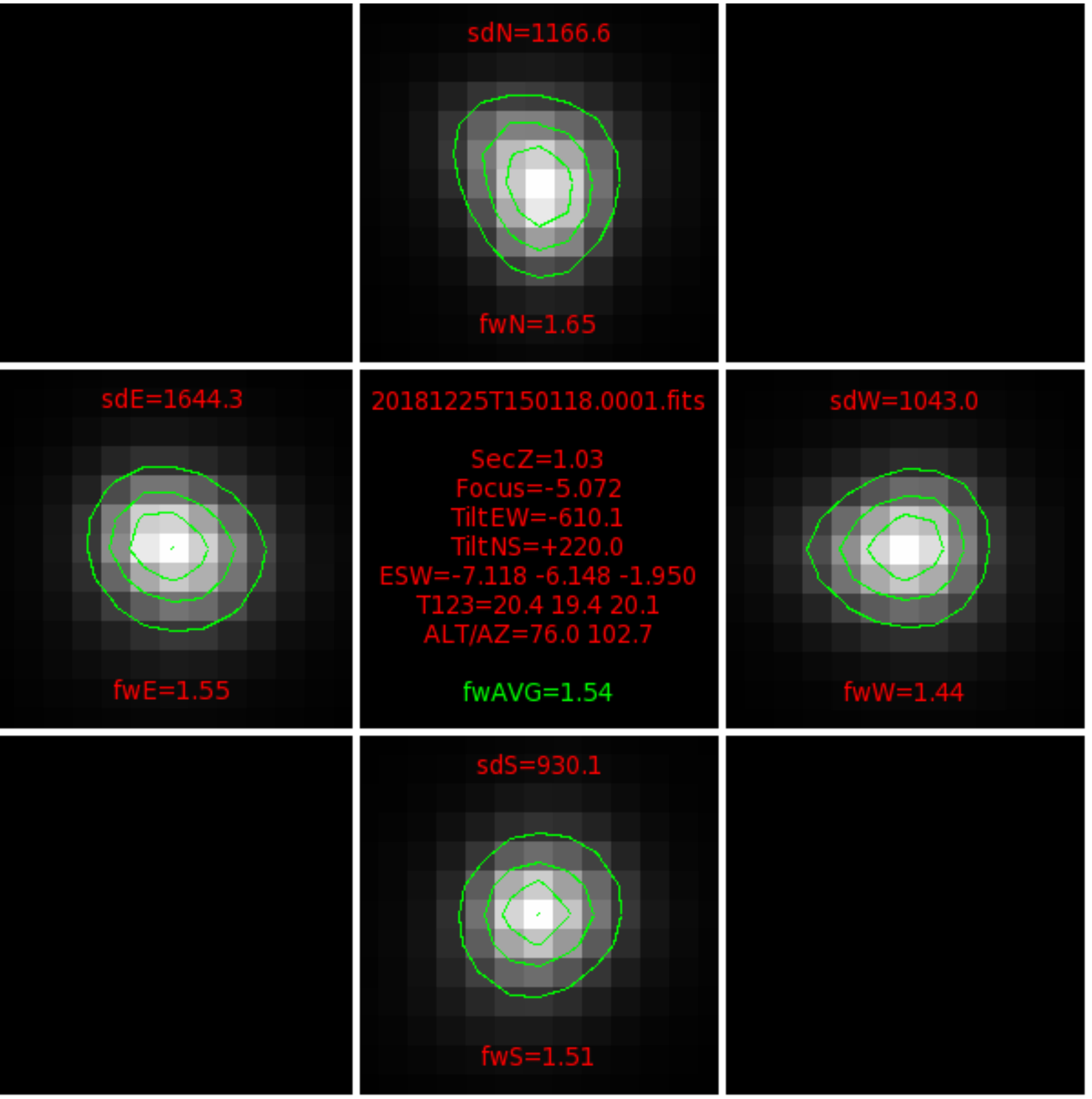

sdN=270.3
fwN=2.06
sdE=720.4
fwE=1.91
20181225T145502.0001.fits
SecZ=1.03
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=20.4 0.0 20.0
ALT/AZ=76.9 104.1
fwAVG=1.95
sdW=97.8
fwW=1.85
sdS=147.6
fwS=1.99
0 0 0 0 0 0 0 0 0

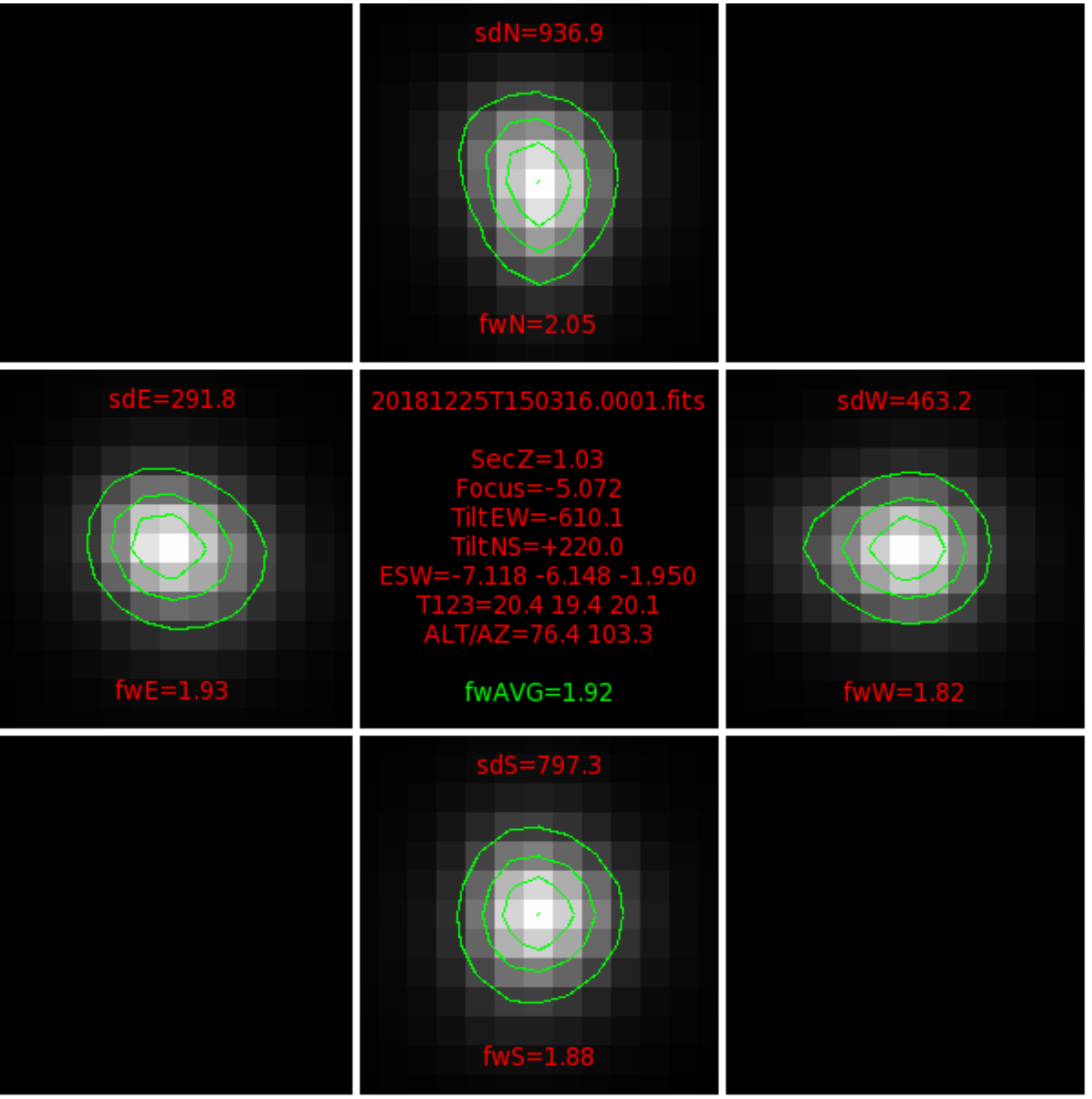

sdN=703.1
fwN=1.98
sdE=1373.7
fwE=1.92
20181225T145551.0001.fits
SecZ=1.03
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=20.4 19.4 20.0
ALT/AZ=77.1 104.4
fwAVG=1.93
sdW=449.4
fwW=1.82
sdS=503.4
fwS=1.98
0 0 0 0 0 0 0 0 0

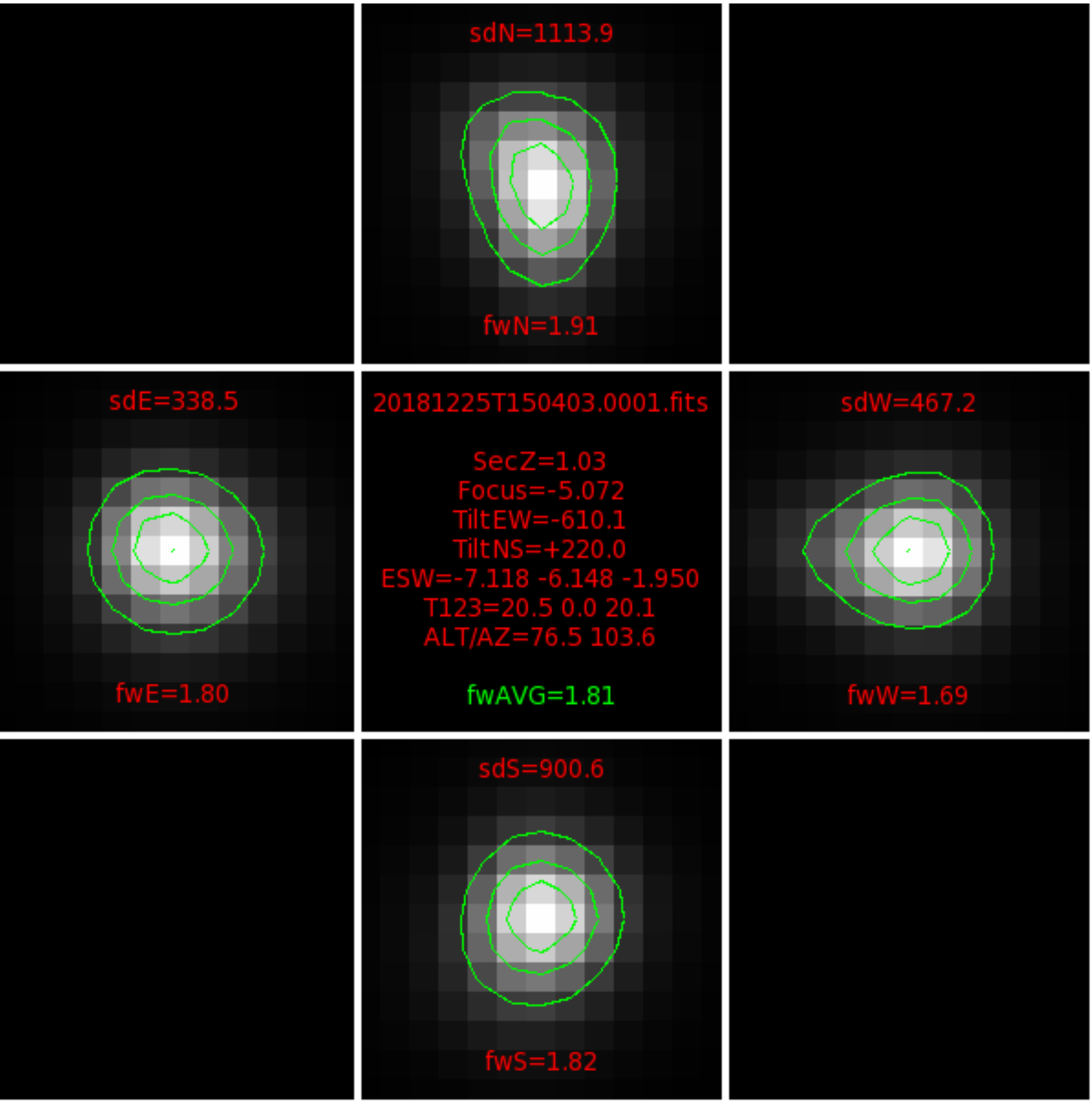

sdN=326.9
fwN=1.85
sdE=748.3
fwE=1.70
20181225T145712.0001.fits
SecZ=1.02
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=20.4 0.0 20.1
ALT/AZ=77.4 104.9
fwAVG=1.70
sdW=180.8
fwW=1.62
sdS=221.0
fwS=1.65
0 0 0 0 0 0 0 0 0

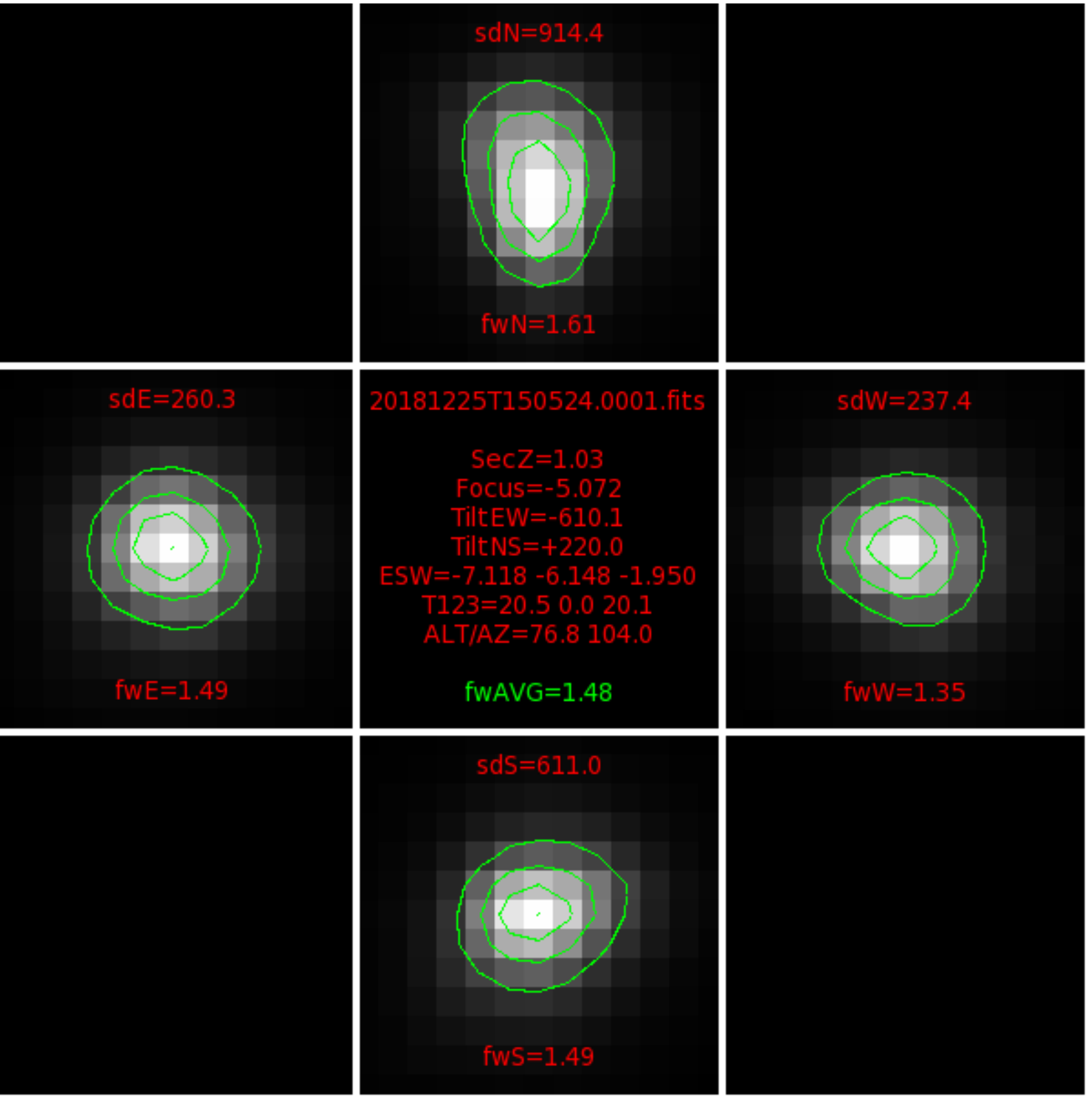

sdN=827.1
fwN=1.85
sdE=1396.9
fwE=1.76
20181225T145802.0001.fits
SecZ=1.02
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=20.4 0.0 20.1
ALT/AZ=77.6 105.2
fwAVG=1.75
sdW=641.8
fwW=1.65
sdS=621.7
fwS=1.72
0 0 0 0 0 0 0 0 0

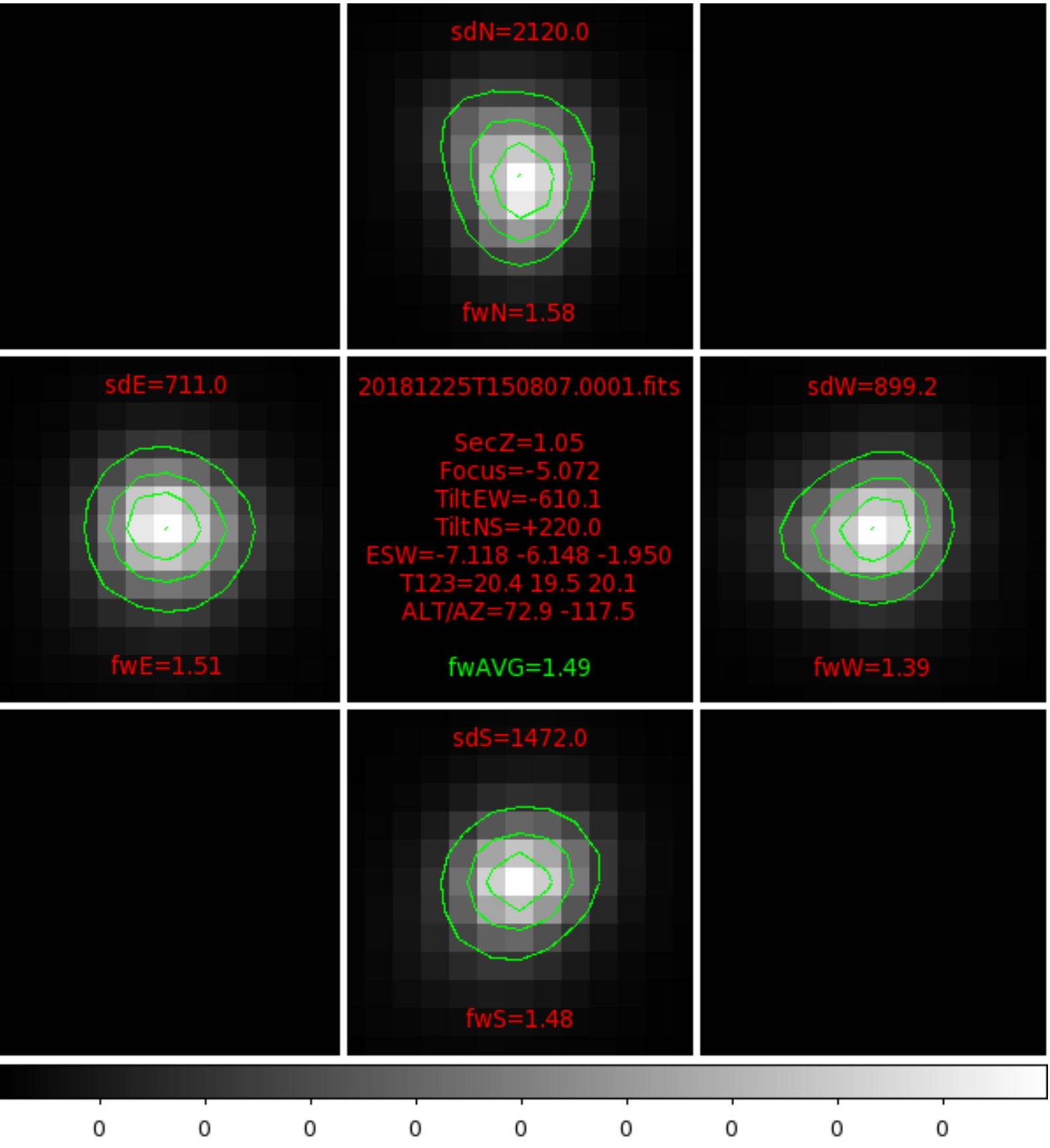

sdN=424.8
fwN=1.49
sdE=819.3
fwE=1.51
20181225T145921.0001.fits
SecZ=1.02
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.4 19.4 20.1
ALT/AZ=77.8 105.7
fwAVG=1.44
sdW=328.8
fwW=1.26
sdS=291.0
fwS=1.49
0 0 0 0 0 0 0 0 0

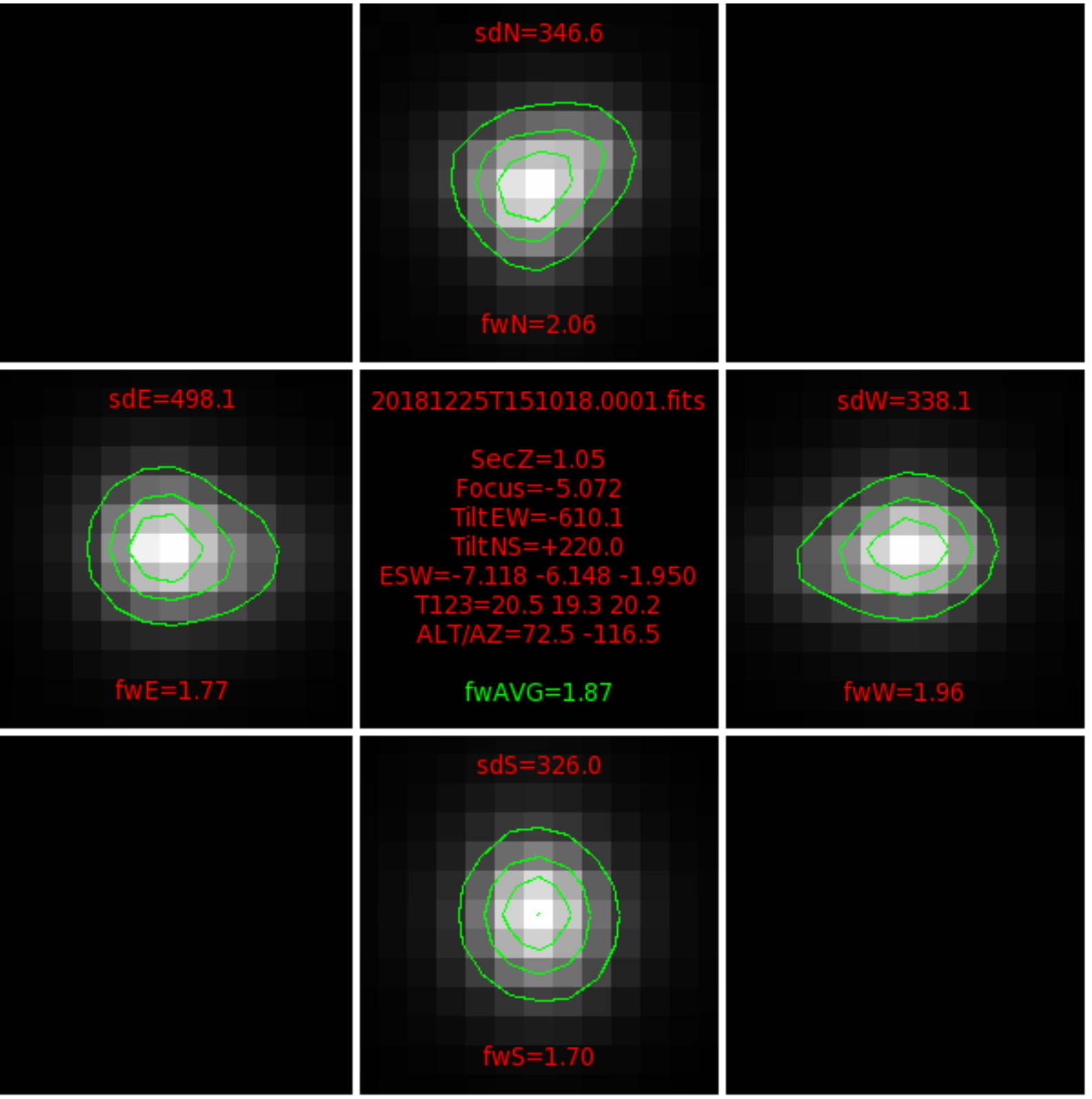

sdN=1166.6
fwN=1.65
sdE=1644.3
fwE=1.55
20181225T150118.0001.fits
SecZ=1.03
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.4 19.4 20.1
ALT/AZ=76.0 102.7
fwAVG=1.54
sdW=1043.0
fwW=1.44
sdS=930.1
fwS=1.51
0 0 0 0 0 0 0 0 0

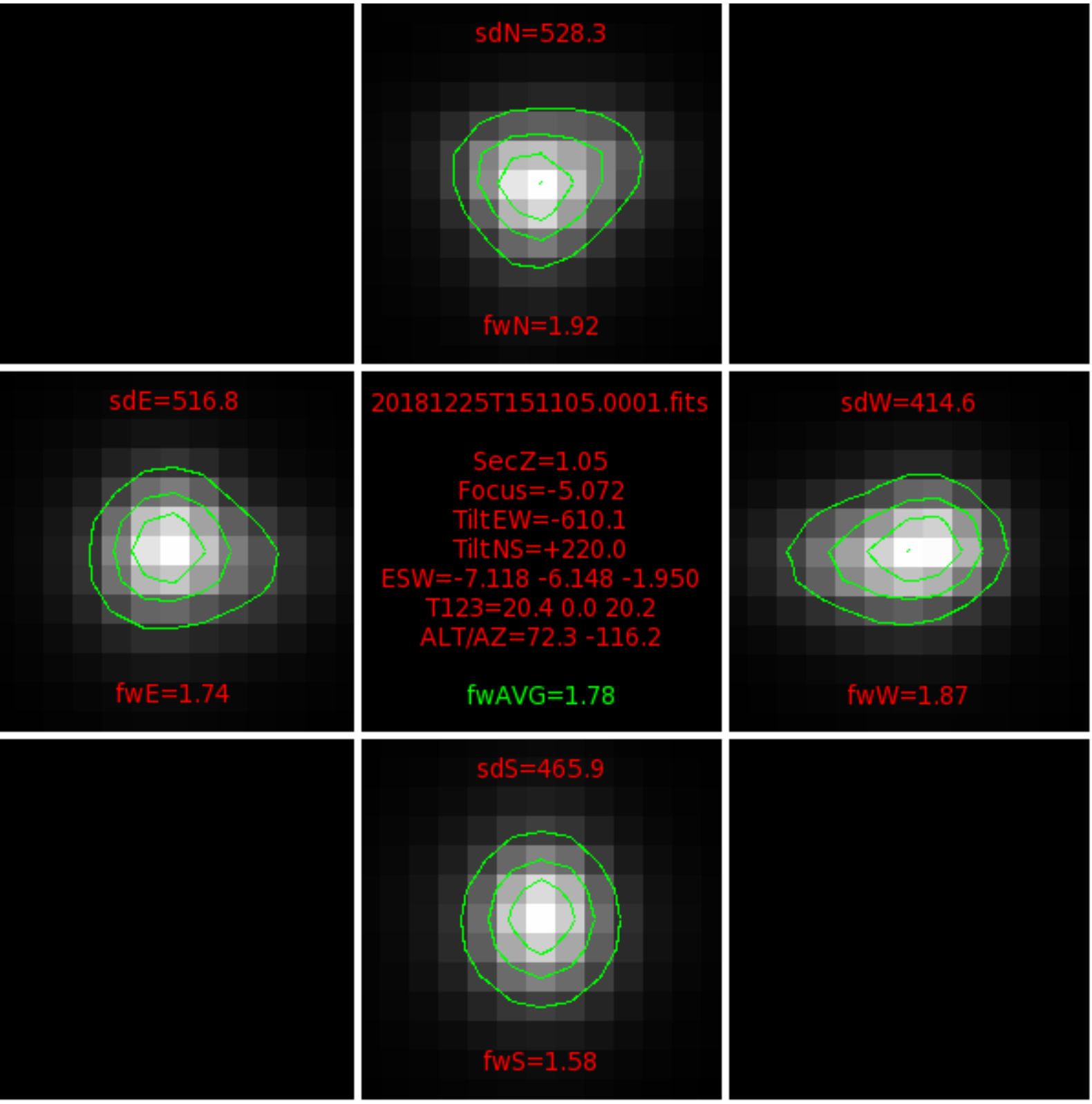

sdN=936.9
fwN=2.05
sdE=291.8
fwE=1.93
20181225T150316.0001.fits
SecZ=1.03
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.4 19.4 20.1
ALT/AZ=76.4 103.3
fwAVG=1.92
sdW=463.2
fwW=1.82
sdS=797.3
fwS=1.88
0 0 0 0 0 0 0 0 0

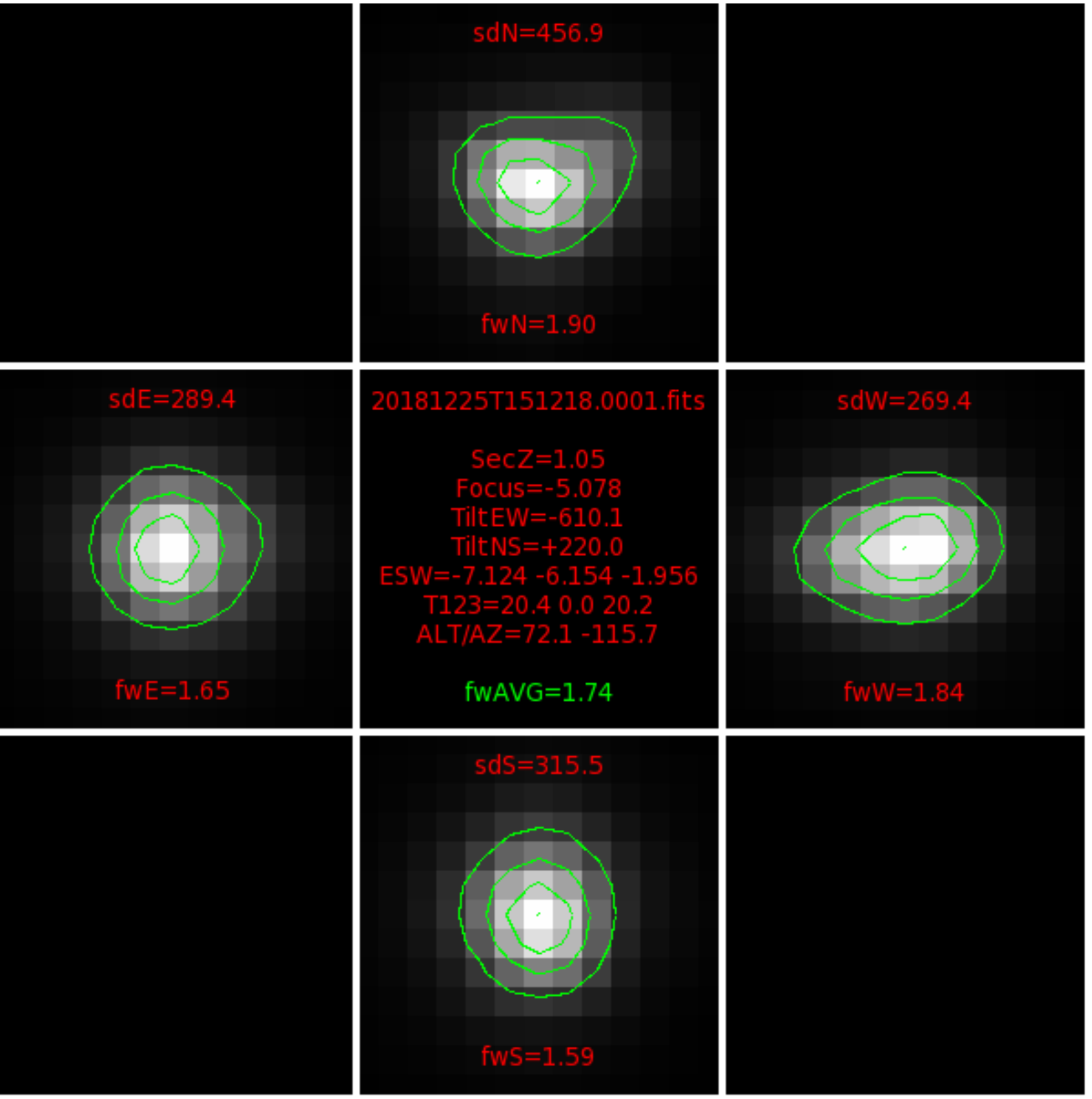

sdN=1113.9
fwN=1.91
sdE=338.5
fwE=1.80
20181225T150403.0001.fits
SecZ=1.03
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.5 0.0 20.1
ALT/AZ=76.5 103.6
fwAVG=1.81
sdW=467.2
fwW=1.69
sdS=900.6
fwS=1.82
0 0 0 0 0 0 0 0 0

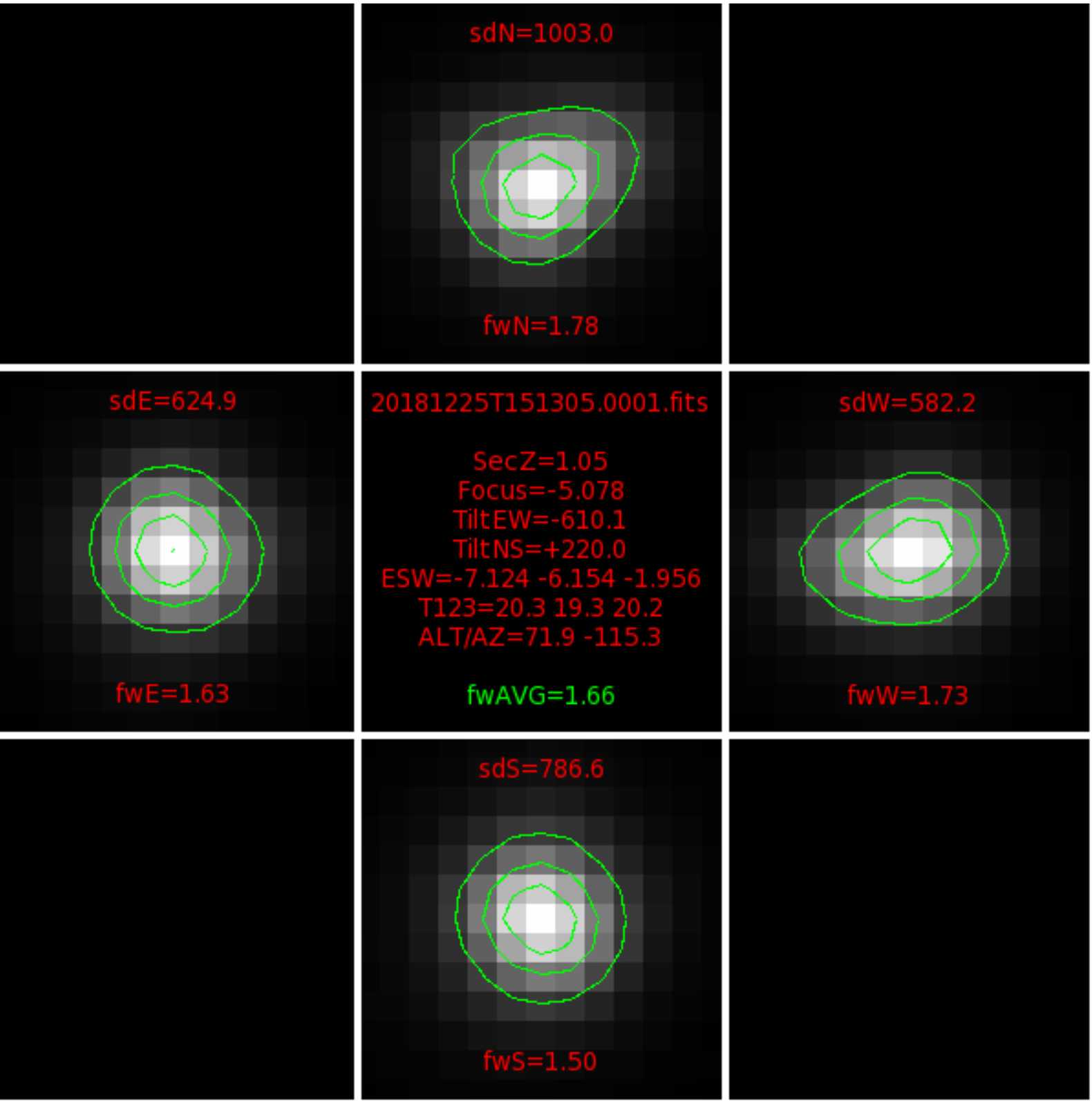

sdN=914.4
fwN=1.61
sdE=260.3
fwE=1.49
20181225T150524.0001.fits
SecZ=1.03
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.5 0.0 20.1
ALT/AZ=76.8 104.0
fwAVG=1.48
sdW=237.4
fwW=1.35
sdS=611.0
fwS=1.49
0 0 0 0 0 0 0 0 0

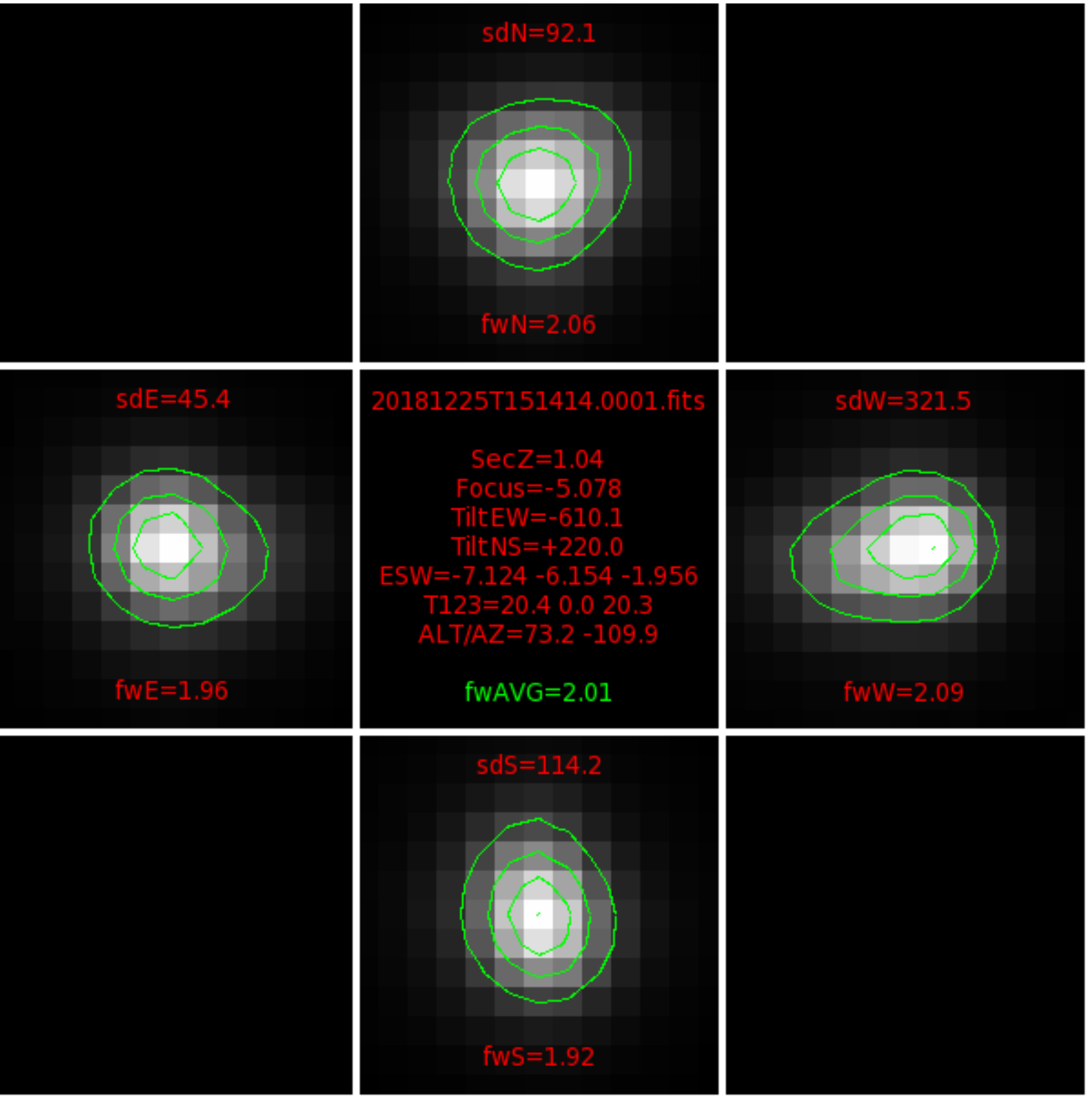

sdN=2120.0
fwN=1.58
sdE=711.0
fwE=1.51
20181225T150807.0001.fits
SecZ=1.05
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.4 19.5 20.1
ALT/AZ=72.9 -117.5
fwAVG=1.49
sdW=899.2
fwW=1.39
sdS=1472.0
fwS=1.48
0 0 0 0 0 0 0 0 0

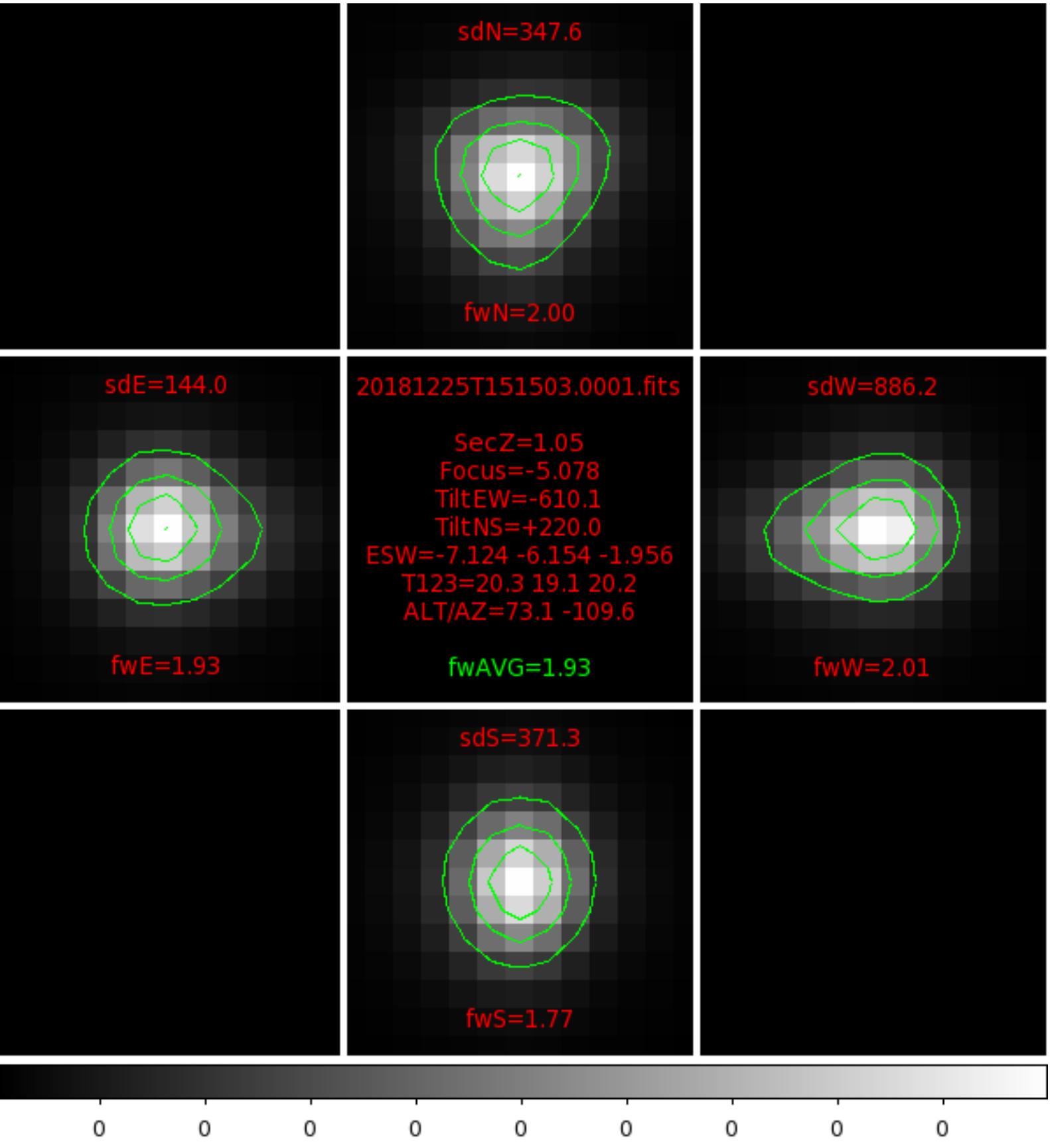

sdN=346.6
fwN=2.06
sdE=498.1
fwE=1.77
20181225T151018.0001.fits
SecZ=1.05
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.5 19.3 20.2
ALT/AZ=72.5 -116.5
fwAVG=1.87
sdW=338.1
fwW=1.96
sdS=326.0
fwS=1.70
0 0 0 0 0 0 0 0 0

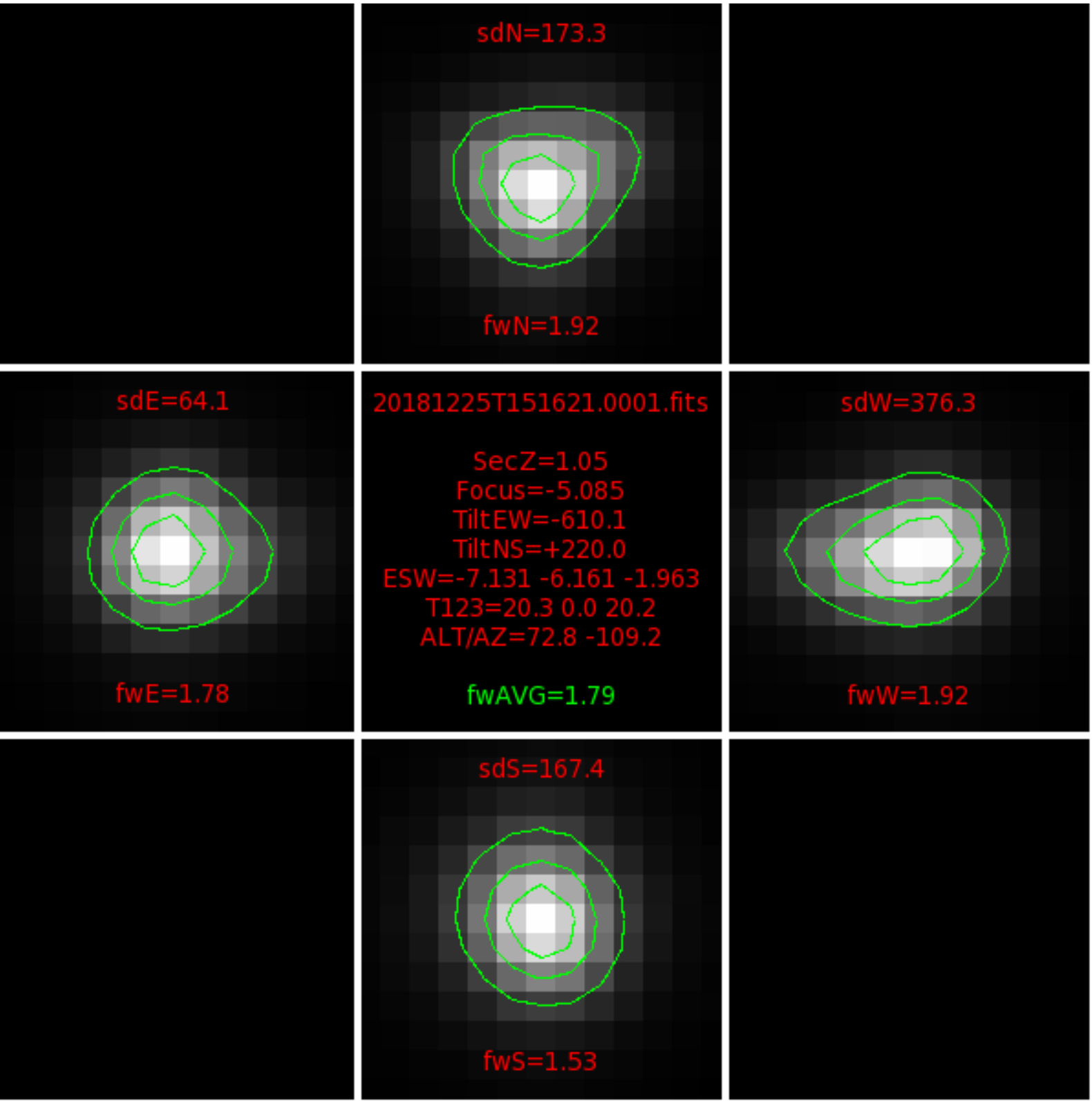

sdN=528.3
fwN=1.92
sdE=516.8
fwE=1.74
20181225T151105.0001.fits
SecZ=1.05
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.4 0.0 20.2
ALT/AZ=72.3 -116.2
fwAVG=1.78
sdW=414.6
fwW=1.87
sdS=465.9
fwS=1.58
0 0 0 0 0 0 0 0 0

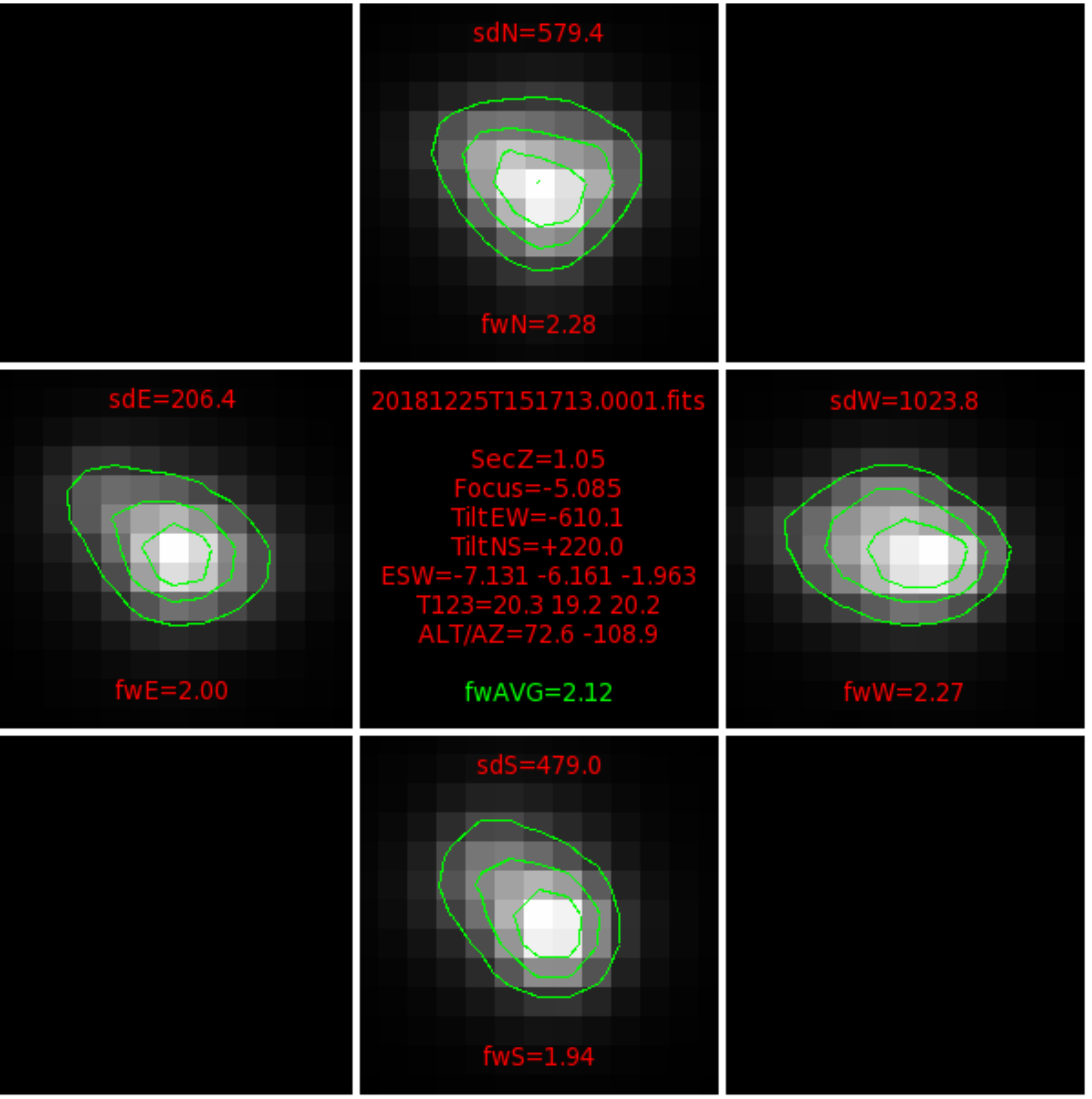

sdN=456.9
fwN=1.90
sdE=289.4
fwE=1.65
20181225T151218.0001.fits
SecZ=1.05
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.4 0.0 20.2
ALT/AZ=72.1 -115.7
fwAVG=1.74
sdW=269.4
fwW=1.84
sdS=315.5
fwS=1.59
0 0 0 0 0 0 0 0 0

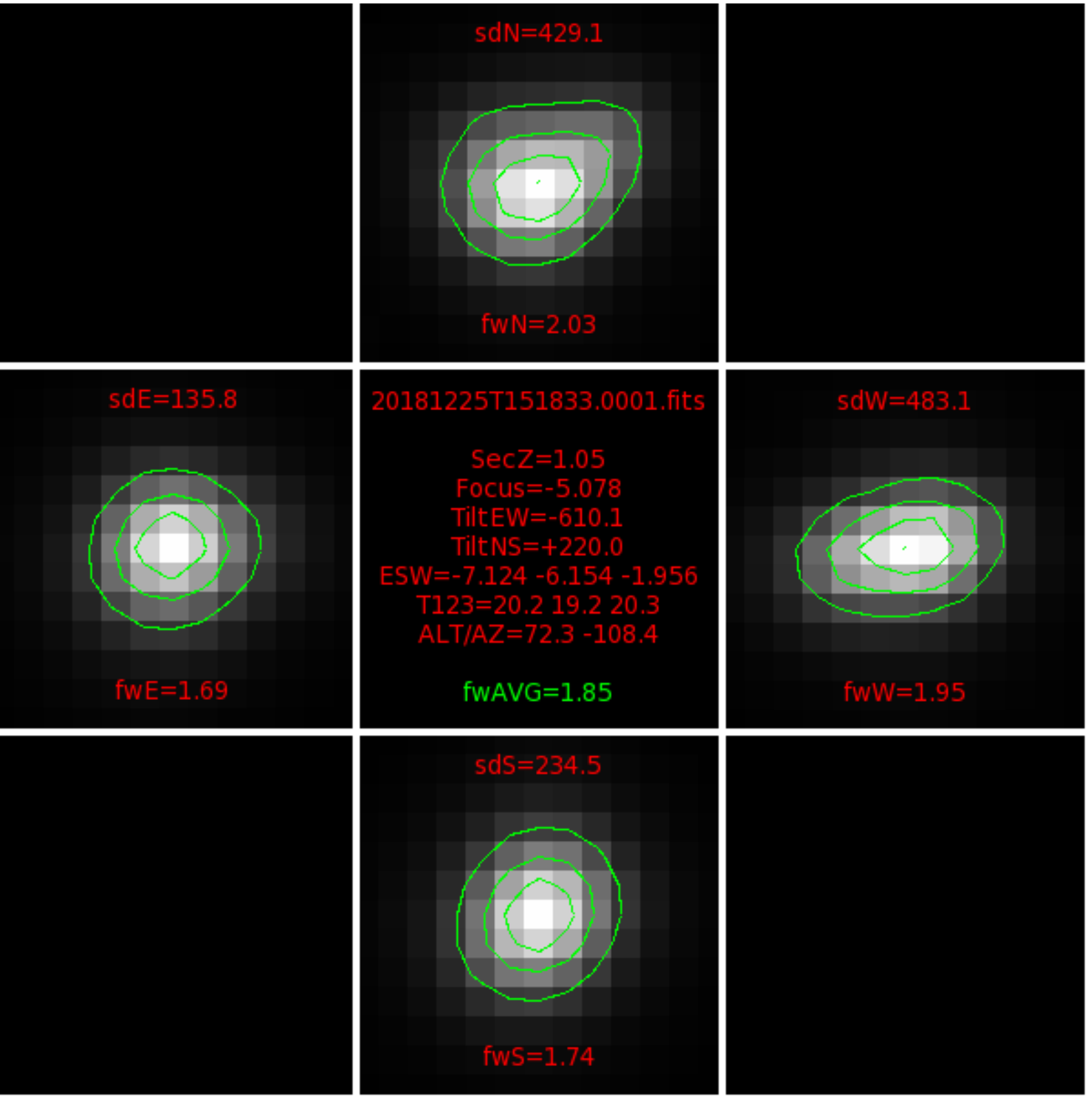

sdN=1003.0
fwN=1.78
sdE=624.9
fwE=1.63
20181225T151305.0001.fits
SecZ=1.05
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.3 19.3 20.2
ALT/AZ=71.9 -115.3
fwAVG=1.66
sdW=582.2
fwW=1.73
sdS=786.6
fwS=1.50
0 0 0 0 0 0 0 0 0

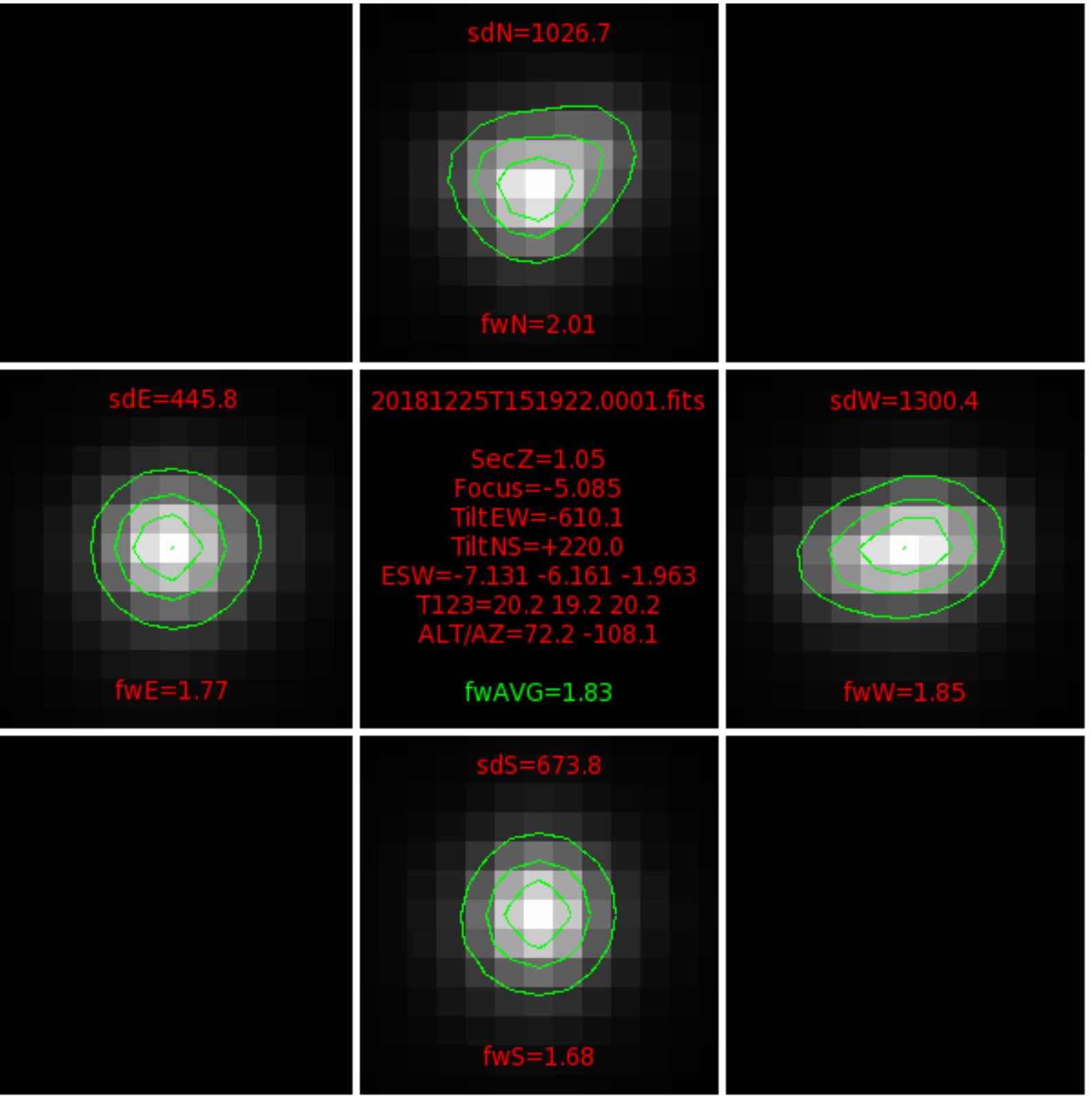

sdN=92.1
fwN=2.06
sdE=45.4
fwE=1.96
20181225T151414.0001.fits
SecZ=1.04
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.4 0.0 20.3
ALT/AZ=73.2 -109.9
fwAVG=2.01
sdW=321.5
fwW=2.09
sdS=114.2
fwS=1.92
0 0 0 0 0 0 0 0 0

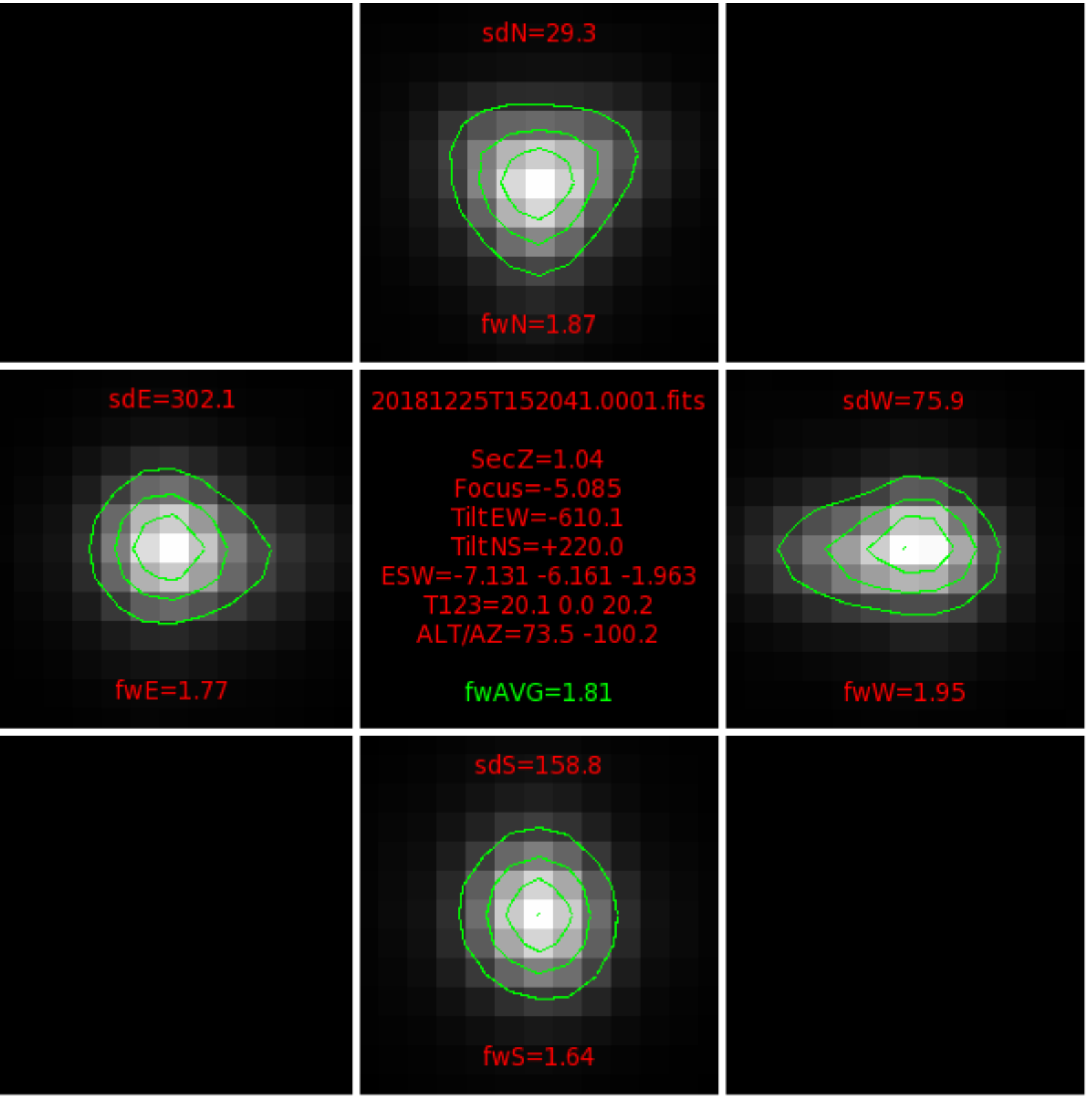

sdN=347.6
fwN=2.00
sdE=144.0
fwE=1.93
20181225T151503.0001.fits
SecZ=1.05
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.3 19.1 20.2
ALT/AZ=73.1 -109.6
fwAVG=1.93
sdW=886.2
fwW=2.01
sdS=371.3
fwS=1.77
0 0 0 0 0 0 0 0 0

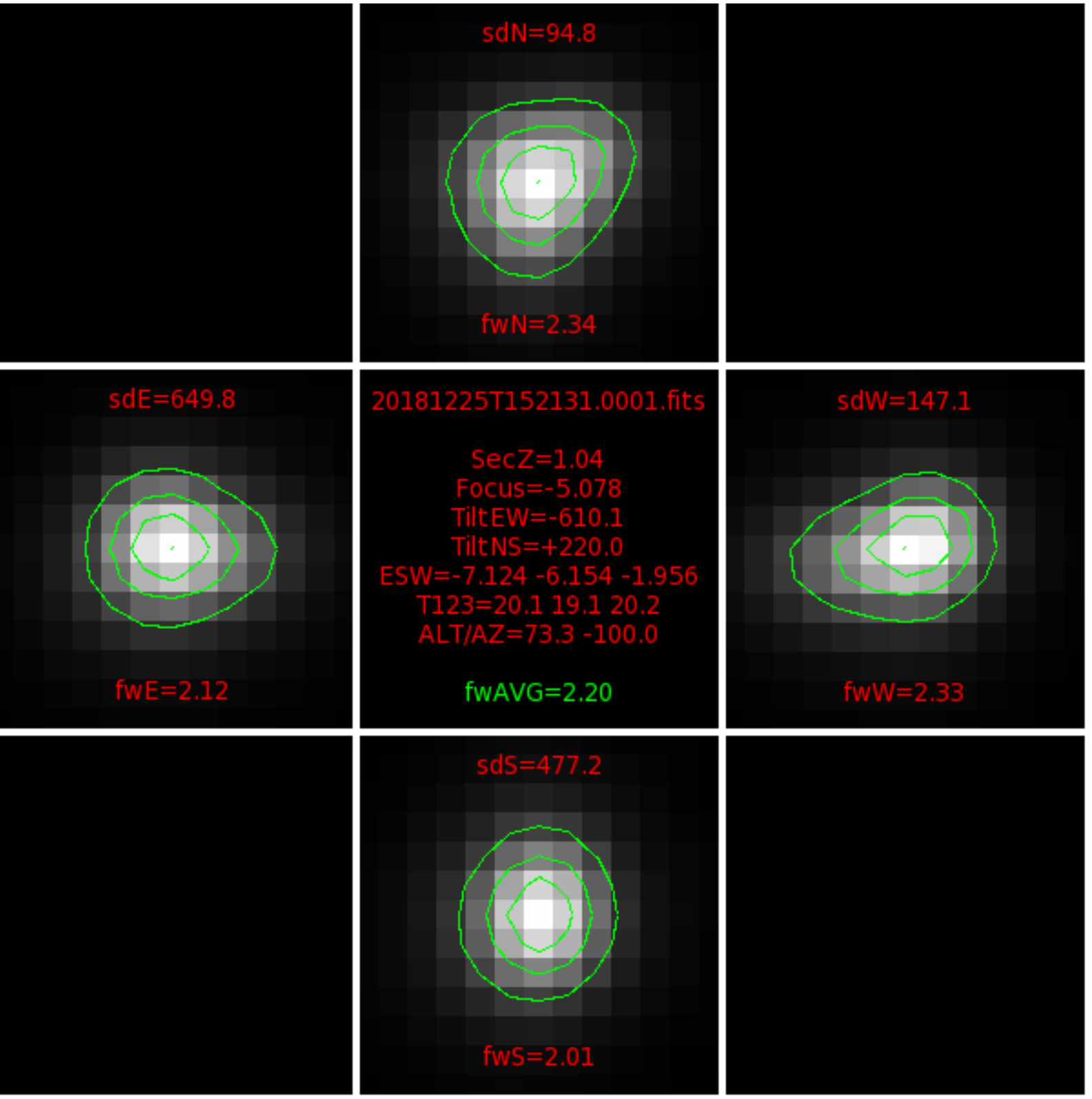

sdN=173.3
fwN=1.92
sdE=64.1
fwE=1.78
20181225T151621.0001.fits
SecZ=1.05
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.3 0.0 20.2
ALT/AZ=72.8 -109.2
fwAVG=1.79
sdW=376.3
fwW=1.92
sdS=167.4
fwS=1.53
0 0 0 0 0 0 0 0 0

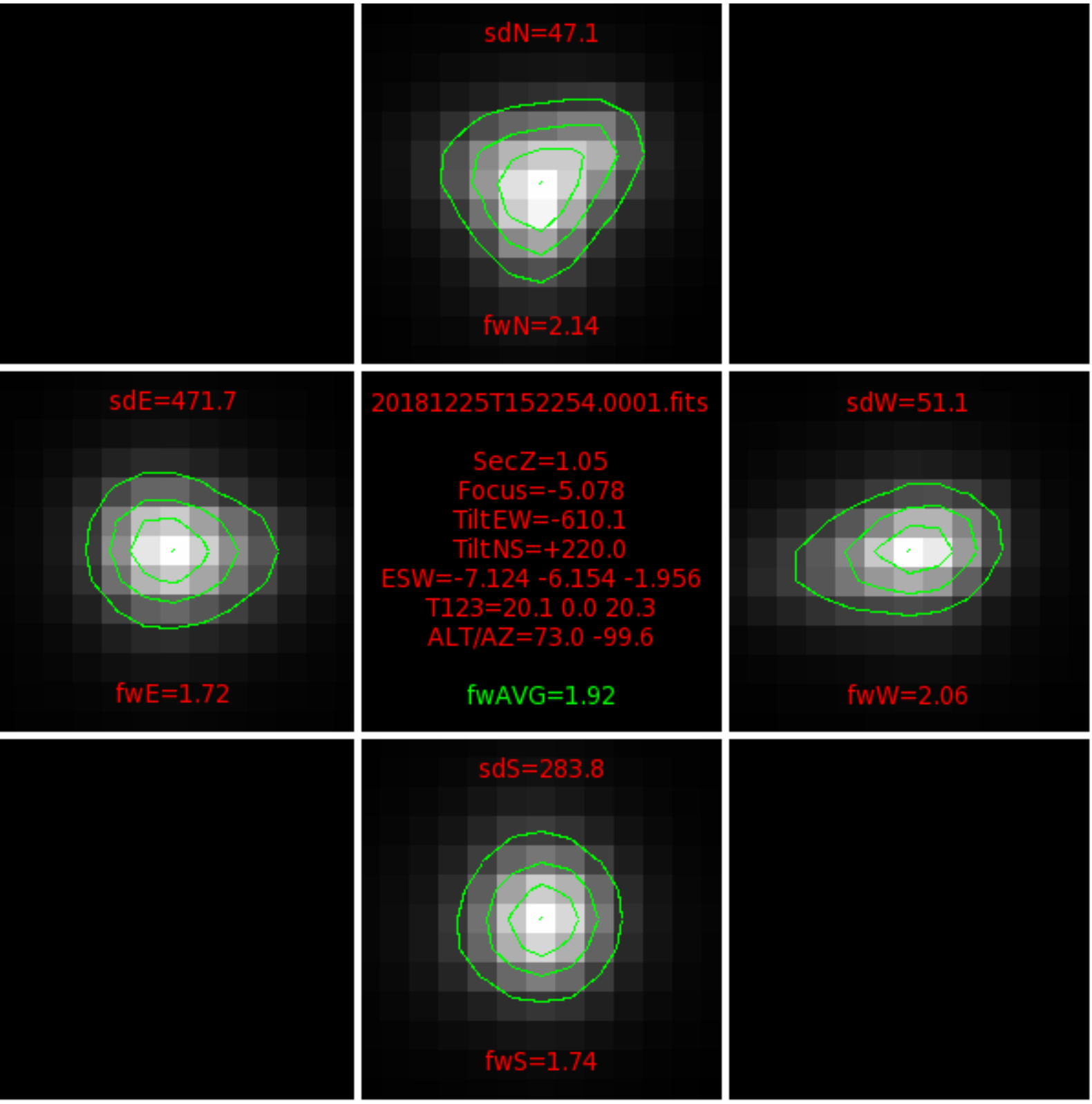

sdN=579.4
fwN=2.28
sdE=206.4
fwE=2.00
20181225T151713.0001.fits
SecZ=1.05
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.3 19.2 20.2
ALT/AZ=72.6 -108.9
fwAVG=2.12
sdW=1023.8
fwW=2.27
sdS=479.0
fwS=1.94
0 0 0 0 0 0 0 0 0

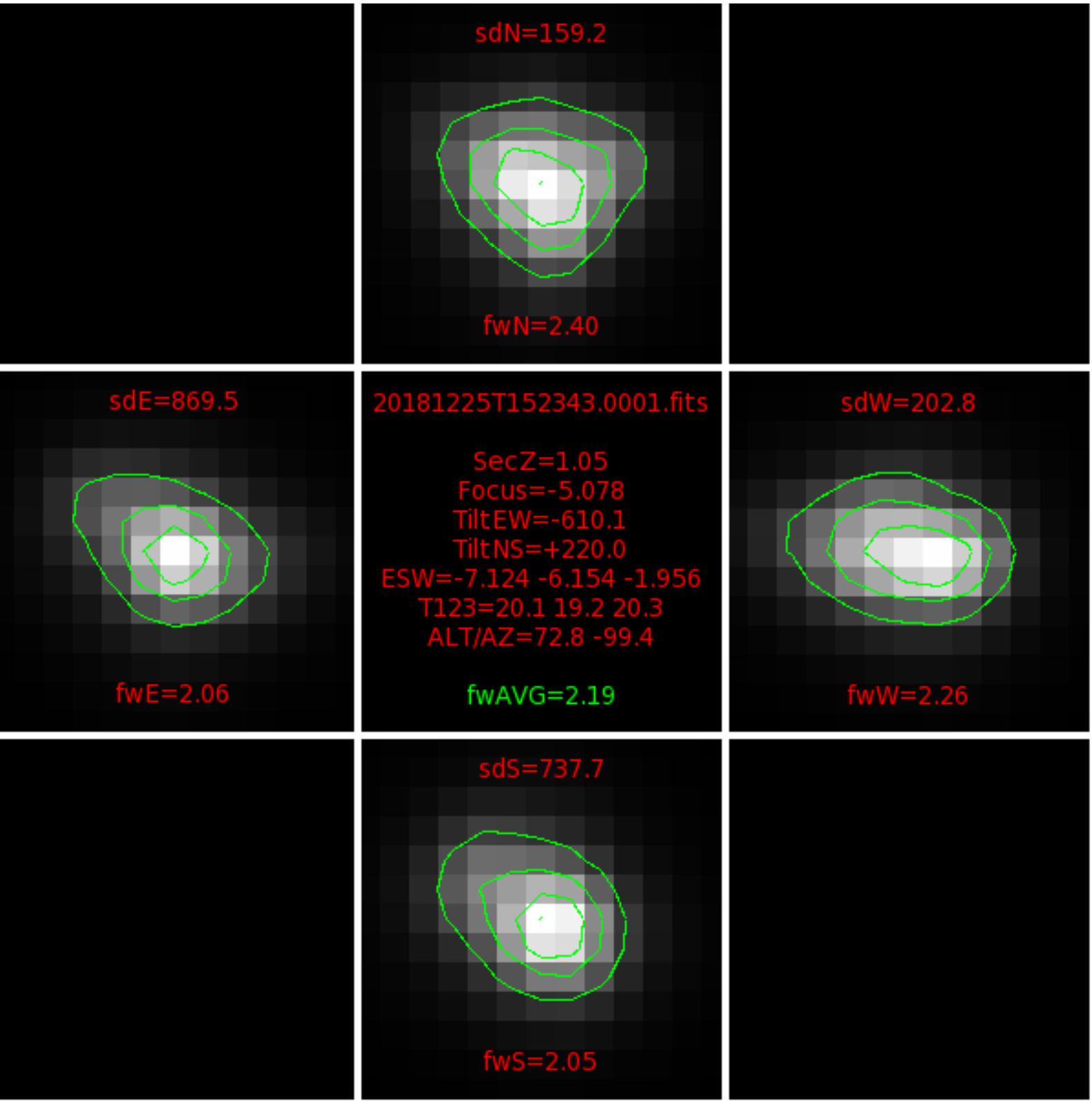

sdN=429.1
fwN=2.03
sdE=135.8
fwE=1.69
20181225T151833.0001.fits
SecZ=1.05
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.2 19.2 20.3
ALT/AZ=72.3 -108.4
fwAVG=1.85
sdW=483.1
fwW=1.95
sdS=234.5
fwS=1.74
0 0 0 0 0 0 0 0 0

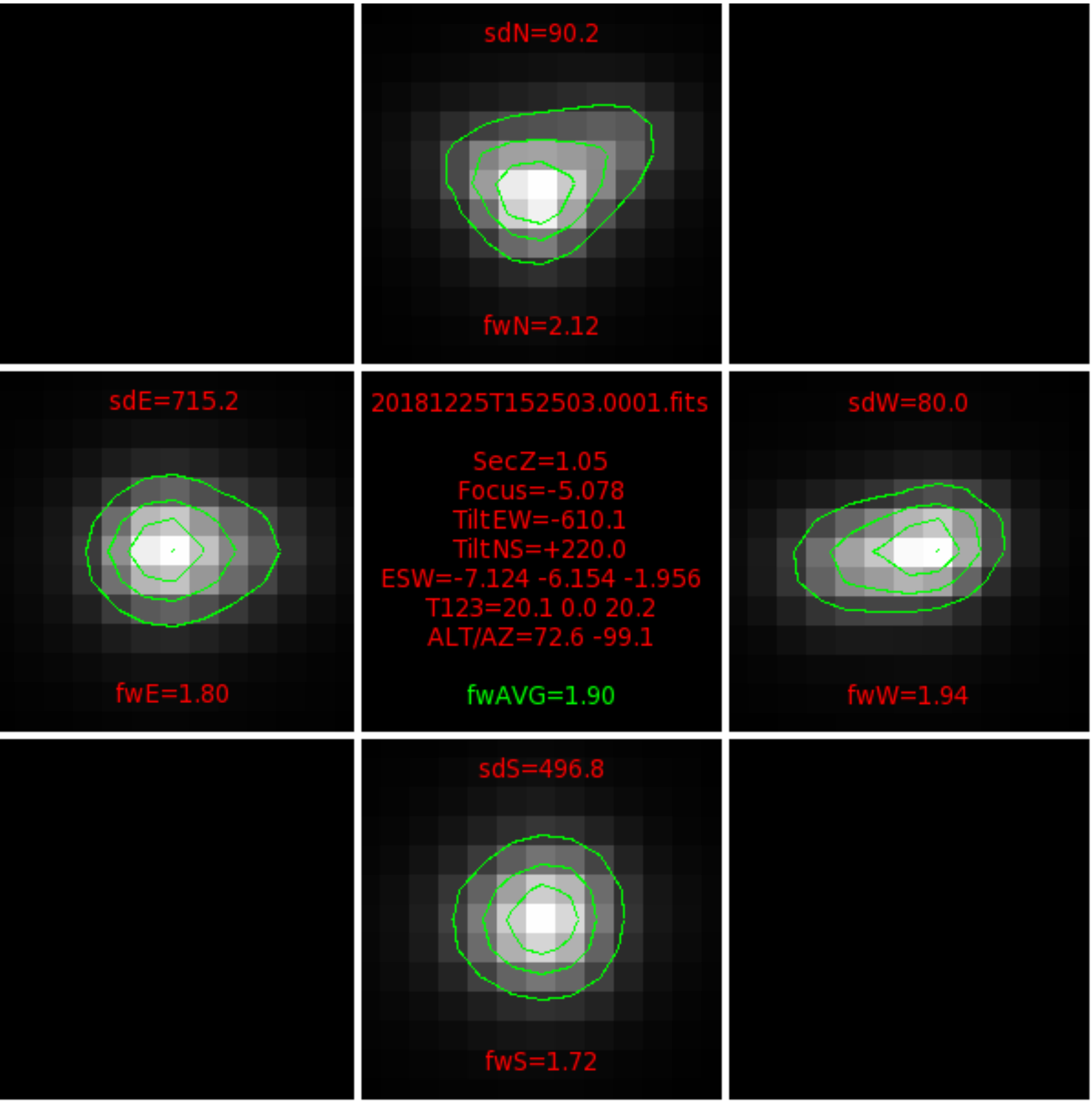

sdN=1026.7
fwN=2.01
sdE=445.8
fwE=1.77
20181225T151922.0001.fits
SecZ=1.05
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.2 19.2 20.2
ALT/AZ=72.2 -108.1
fwAVG=1.83
sdW=1300.4
fwW=1.85
sdS=673.8
fwS=1.68
0 0 0 0 0 0 0 0 0

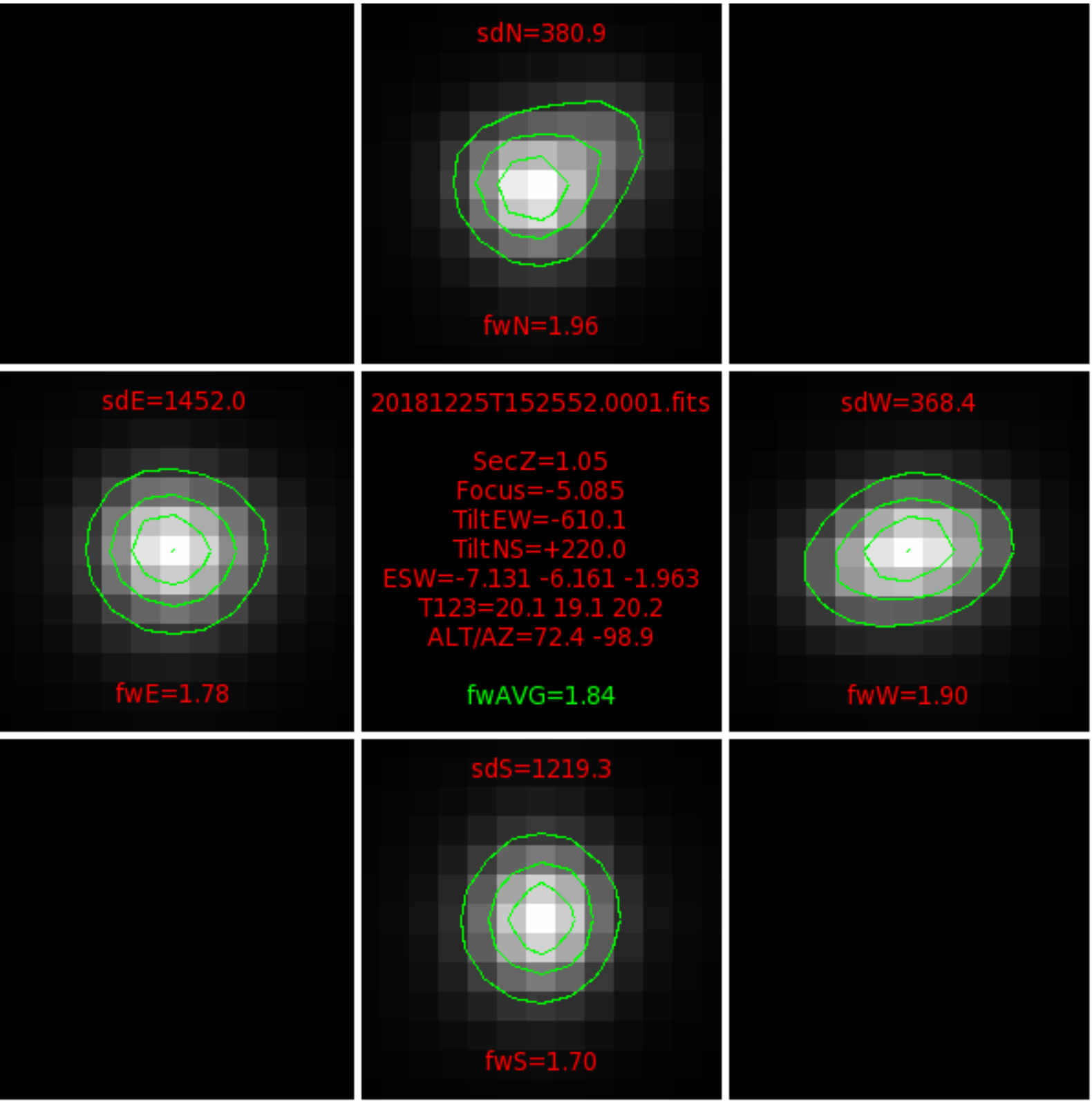

sdN=29.3
fwN=1.87
sdE=302.1
fwE=1.77
20181225T152041.0001.fits
SecZ=1.04
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.1 0.0 20.2
ALT/AZ=73.5 -100.2
fwAVG=1.81
sdW=75.9
fwW=1.95
sdS=158.8
fwS=1.64
0 0 0 0 0 0 0 0 0

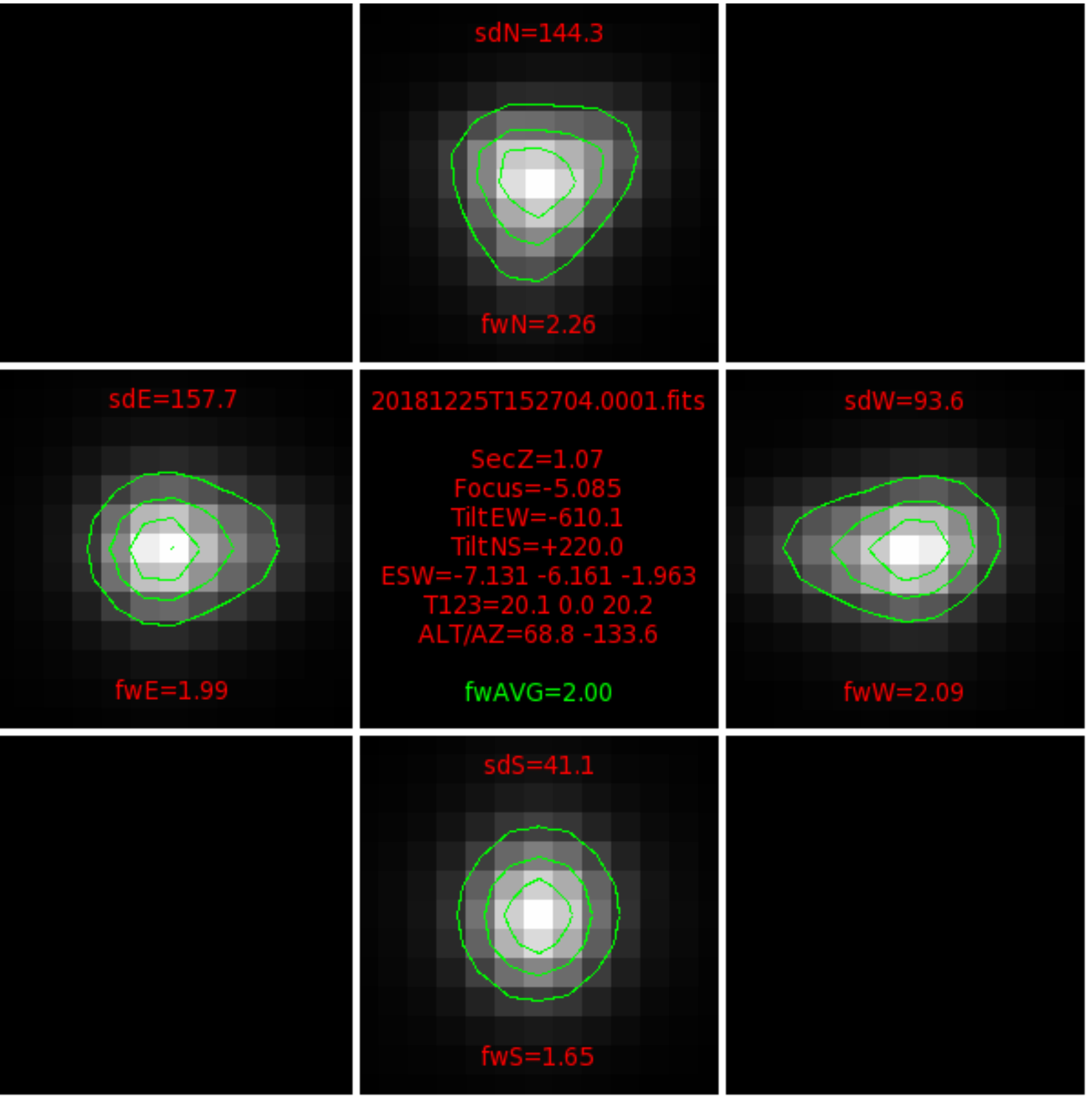

sdN=94.8
fwN=2.34
sdE=649.8
fwE=2.12
20181225T152131.0001.fits
SecZ=1.04
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.1 19.1 20.2
ALT/AZ=73.3 -100.0
fwAVG=2.20
sdW=147.1
fwW=2.33
sdS=477.2
fwS=2.01
0 0 0 0 0 0 0 0 0

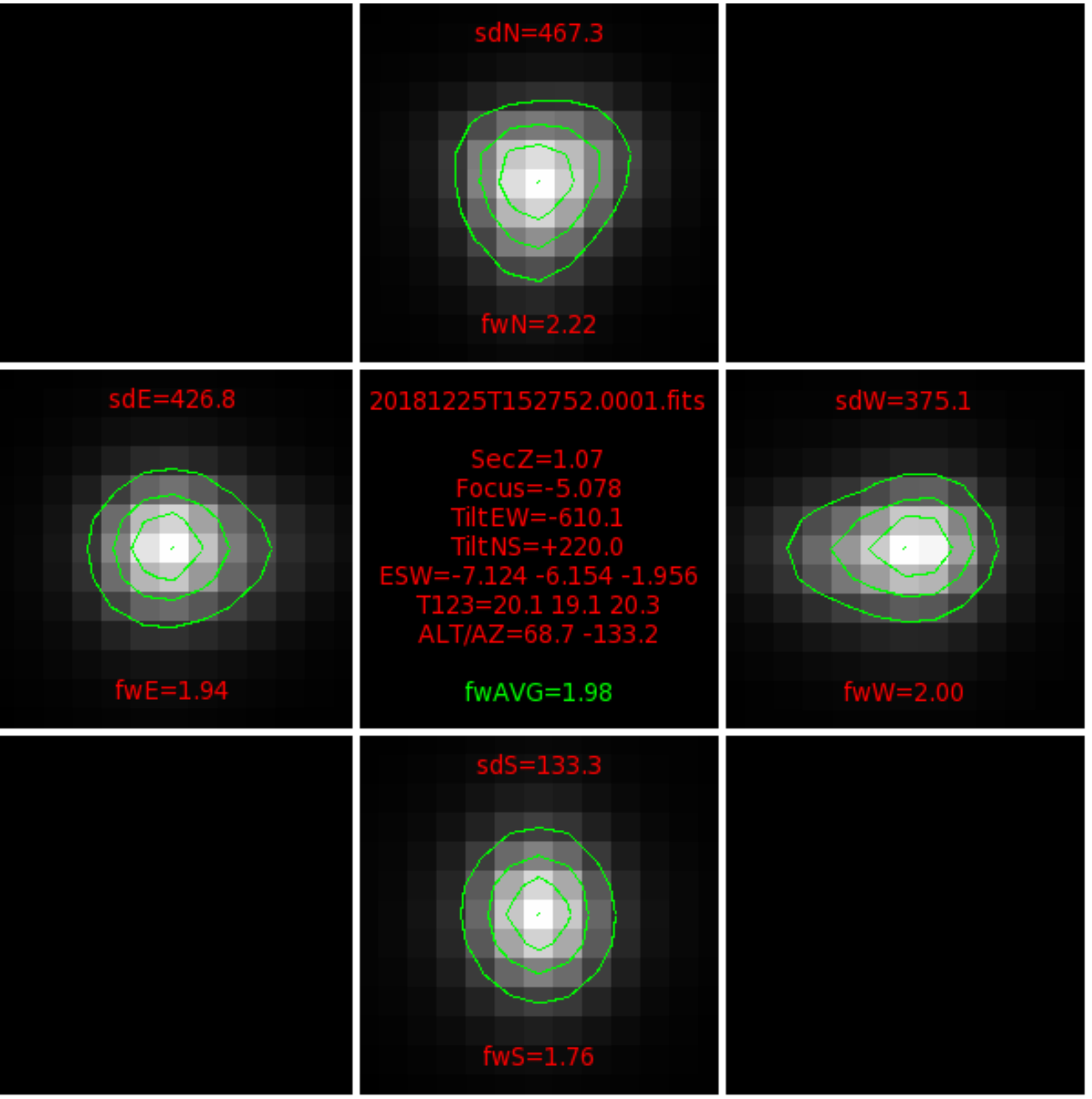

sdN=47.1
fwN=2.14
sdE=471.7
fwE=1.72
20181225T152254.0001.fits
SecZ=1.05
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.1 0.0 20.3
ALT/AZ=73.0 -99.6
fwAVG=1.92
sdW=51.1
fwW=2.06
sdS=283.8
fwS=1.74
0 0 0 0 0 0 0 0 0

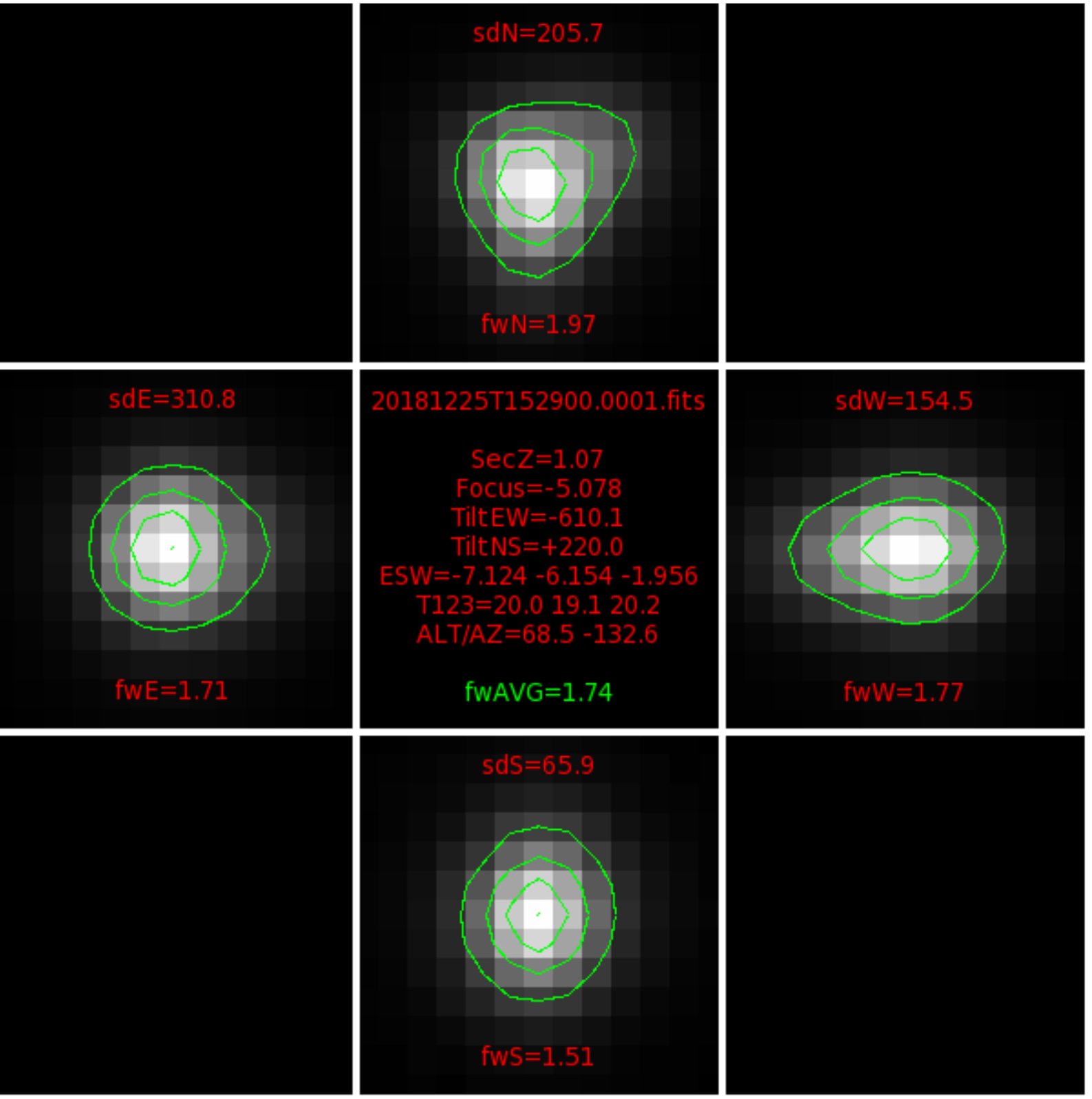

sdN=159.2
fwN=2.40
sdE=869.5
fwE=2.06
20181225T152343.0001.fits
SecZ=1.05
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.1 19.2 20.3
ALT/AZ=72.8 -99.4
fwAVG=2.19
sdW=202.8
fwW=2.26
sdS=737.7
fwS=2.05
0 0 0 0 0 0 0 0 0

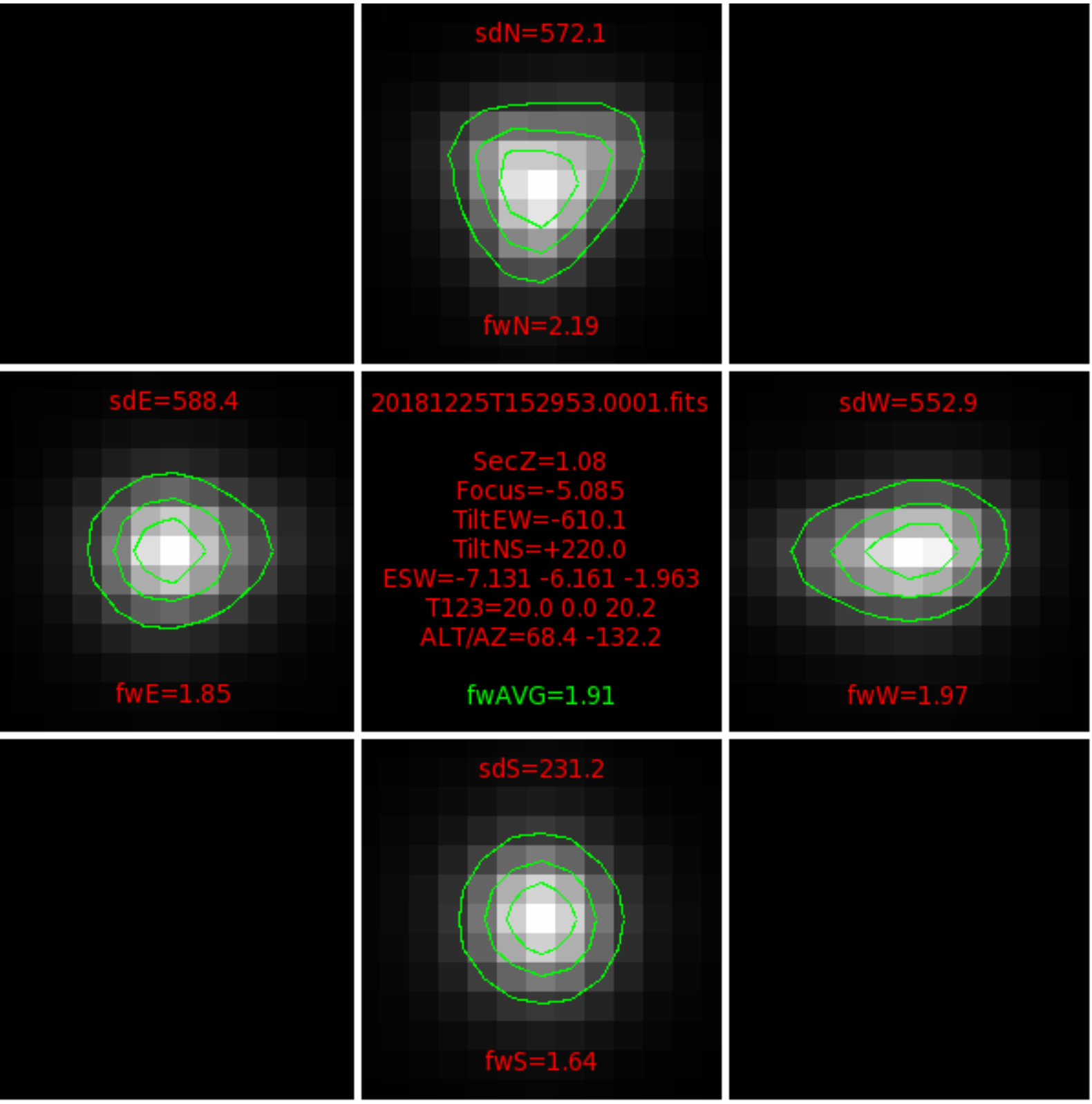

sdN=90.2
fwN=2.12
sdE=715.2
fwE=1.80
20181225T152503.0001.fits
SecZ=1.05
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.1 0.0 20.2
ALT/AZ=72.6 -99.1
fwAVG=1.90
sdW=80.0
fwW=1.94
sdS=496.8
fwS=1.72
0 0 0 0 0 0 0 0 0

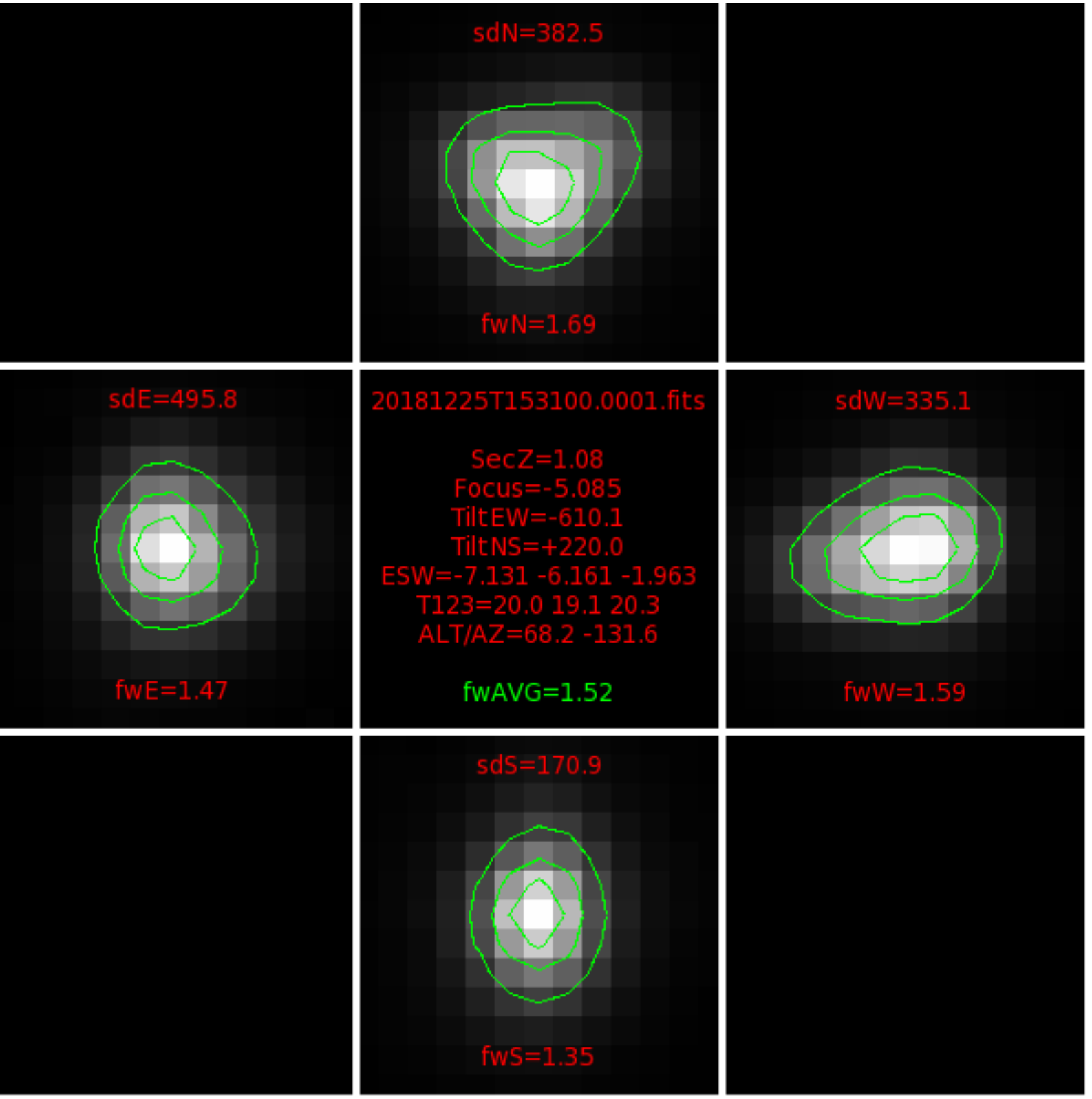

sdN=380.9
fwN=1.96
sdE=1452.0
fwE=1.78
20181225T152552.0001.fits
SecZ=1.05
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.1 19.1 20.2
ALT/AZ=72.4 -98.9
fwAVG=1.84
sdW=368.4
fwW=1.90
sdS=1219.3
fwS=1.70
0 0 0 0 0 0 0 0 0

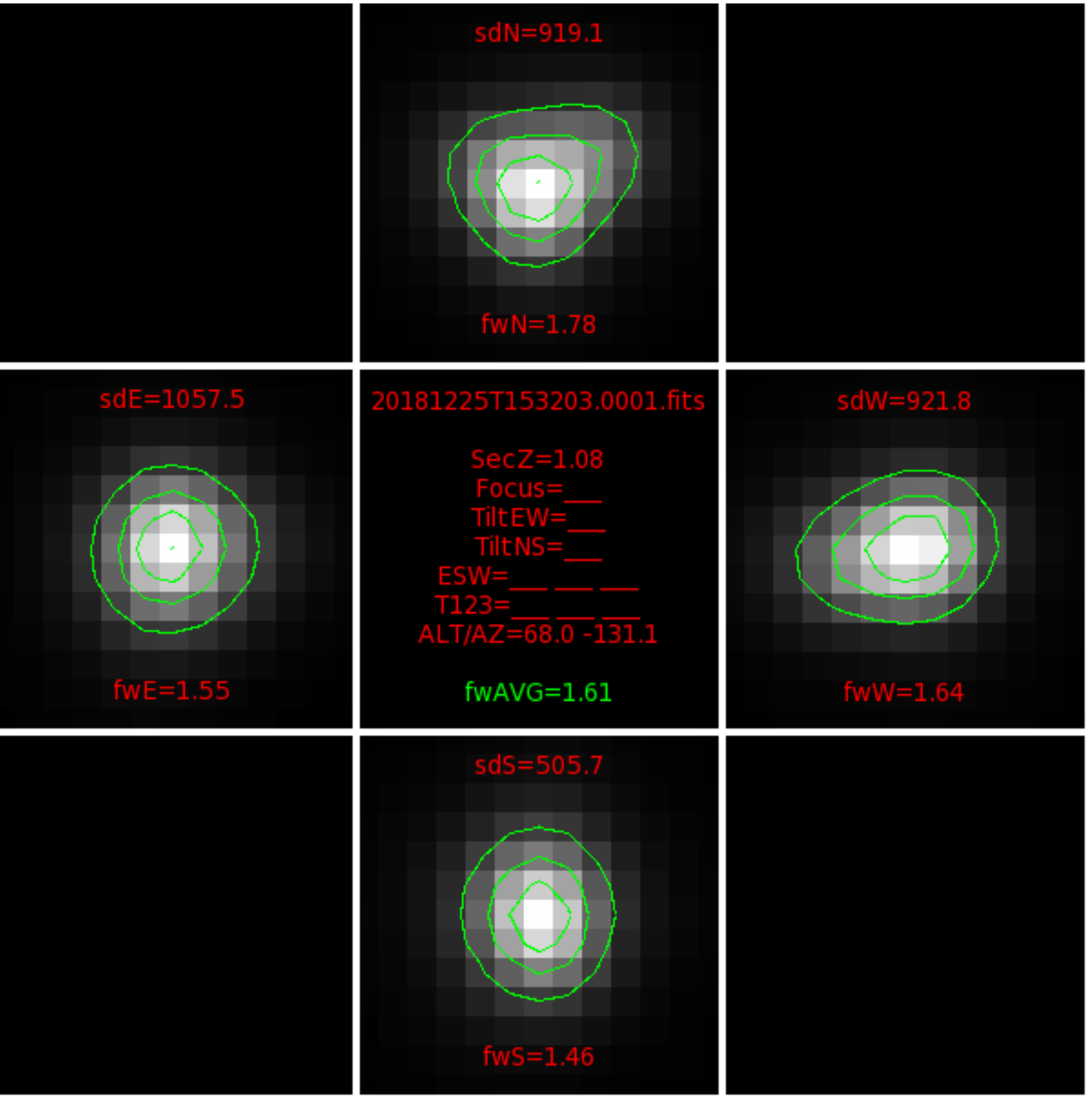

sdN=144.3
fwN=2.26
sdE=157.7
fwE=1.99
20181225T152704.0001.fits
SecZ=1.07
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.1 0.0 20.2
ALT/AZ=68.8 -133.6
fwAVG=2.00
sdW=93.6
fwW=2.09
sdS=41.1
fwS=1.65
0 0 0 0 0 0 0 0 0

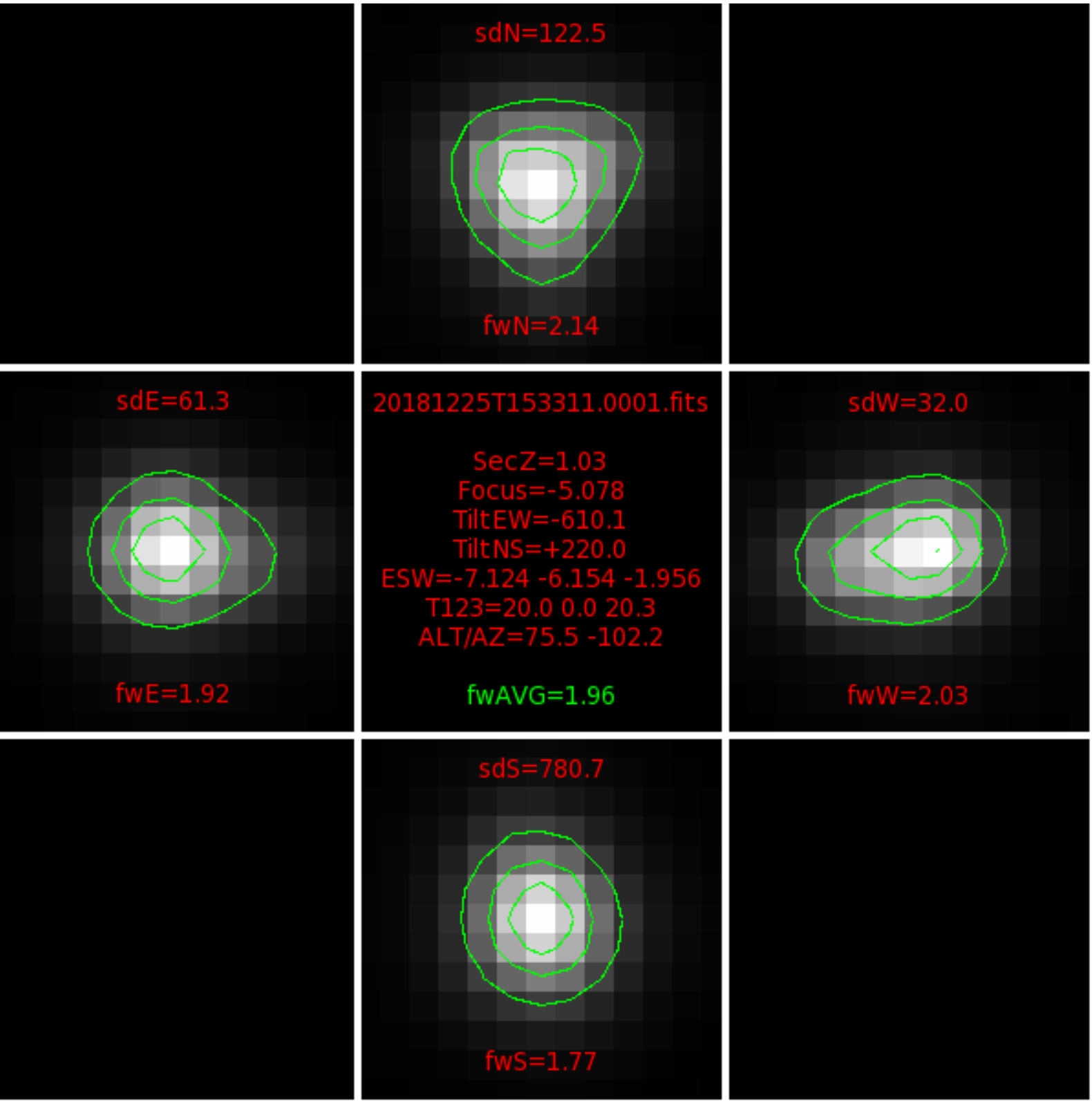

sdN=467.3
fwN=2.22
sdE=426.8
fwE=1.94
20181225T152752.0001.fits
SecZ=1.07
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.1 19.1 20.3
ALT/AZ=68.7 -133.2
fwAVG=1.98
sdW=375.1
fwW=2.00
sdS=133.3
fwS=1.76
0 0 0 0 0 0 0 0 0

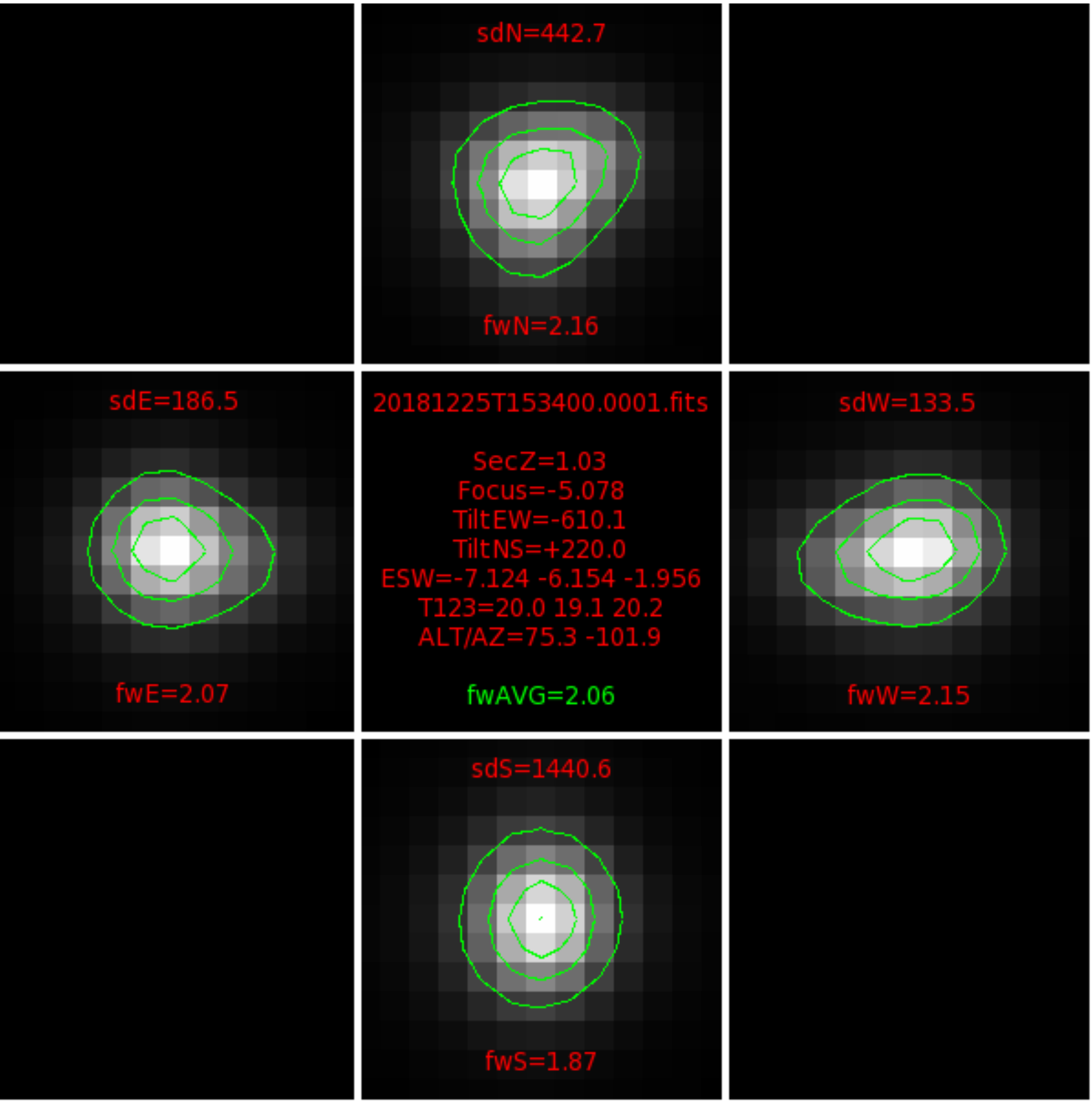

sdN=205.7
fwN=1.97
sdE=310.8
fwE=1.71
20181225T152900.0001.fits
SecZ=1.07
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.0 19.1 20.2
ALT/AZ=68.5 -132.6
fwAVG=1.74
sdW=154.5
fwW=1.77
sdS=65.9
fwS=1.51
0 0 0 0 0 0 0 0 0

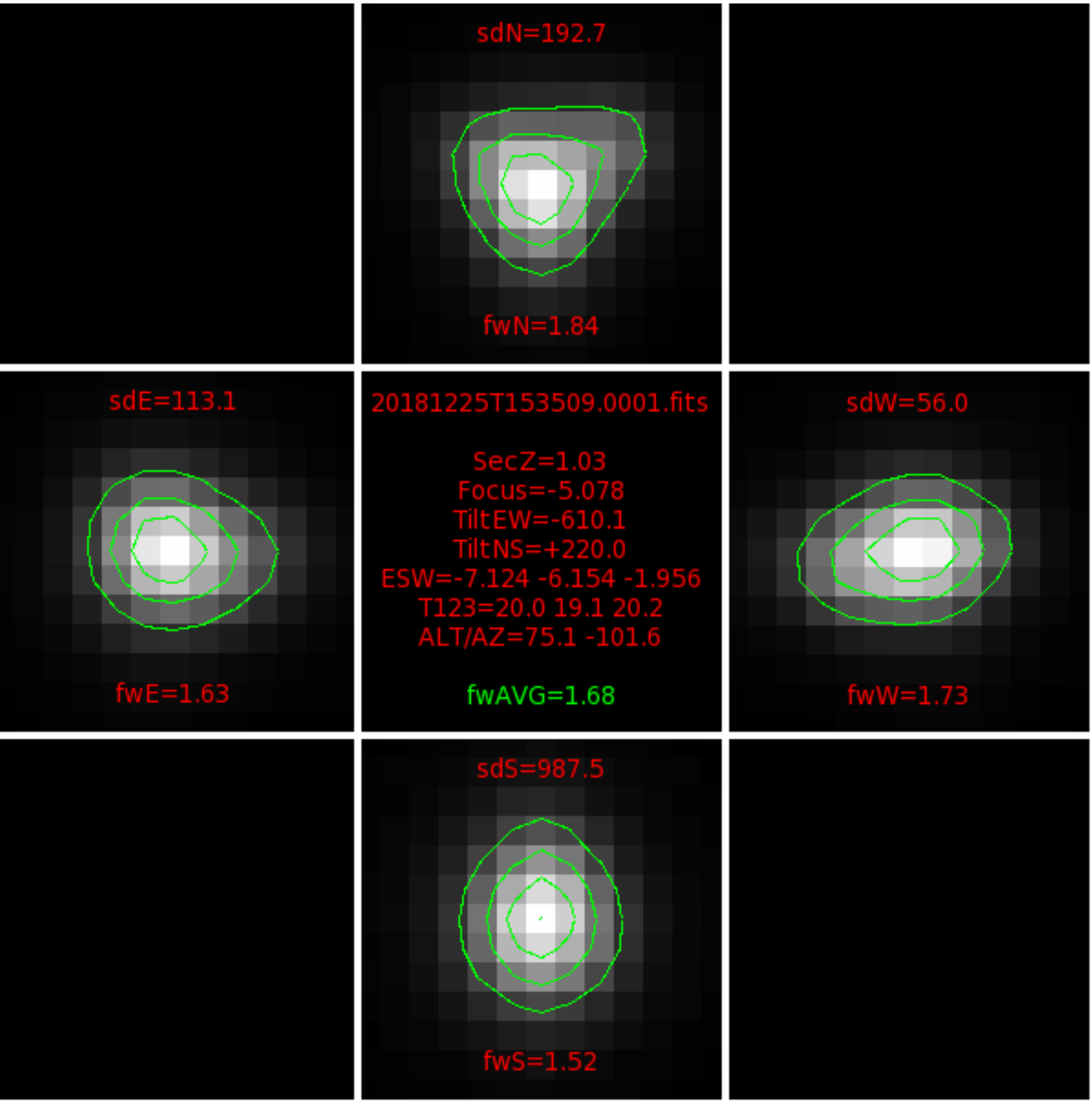

sdN=572.1
fwN=2.19
sdE=588.4
fwE=1.85
20181225T152953.0001.fits
SecZ=1.08
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.0 0.0 20.2
ALT/AZ=68.4 -132.2
fwAVG=1.91
sdW=552.9
fwW=1.97
sdS=231.2
fwS=1.64
0 0 0 0 0 0 0 0 0

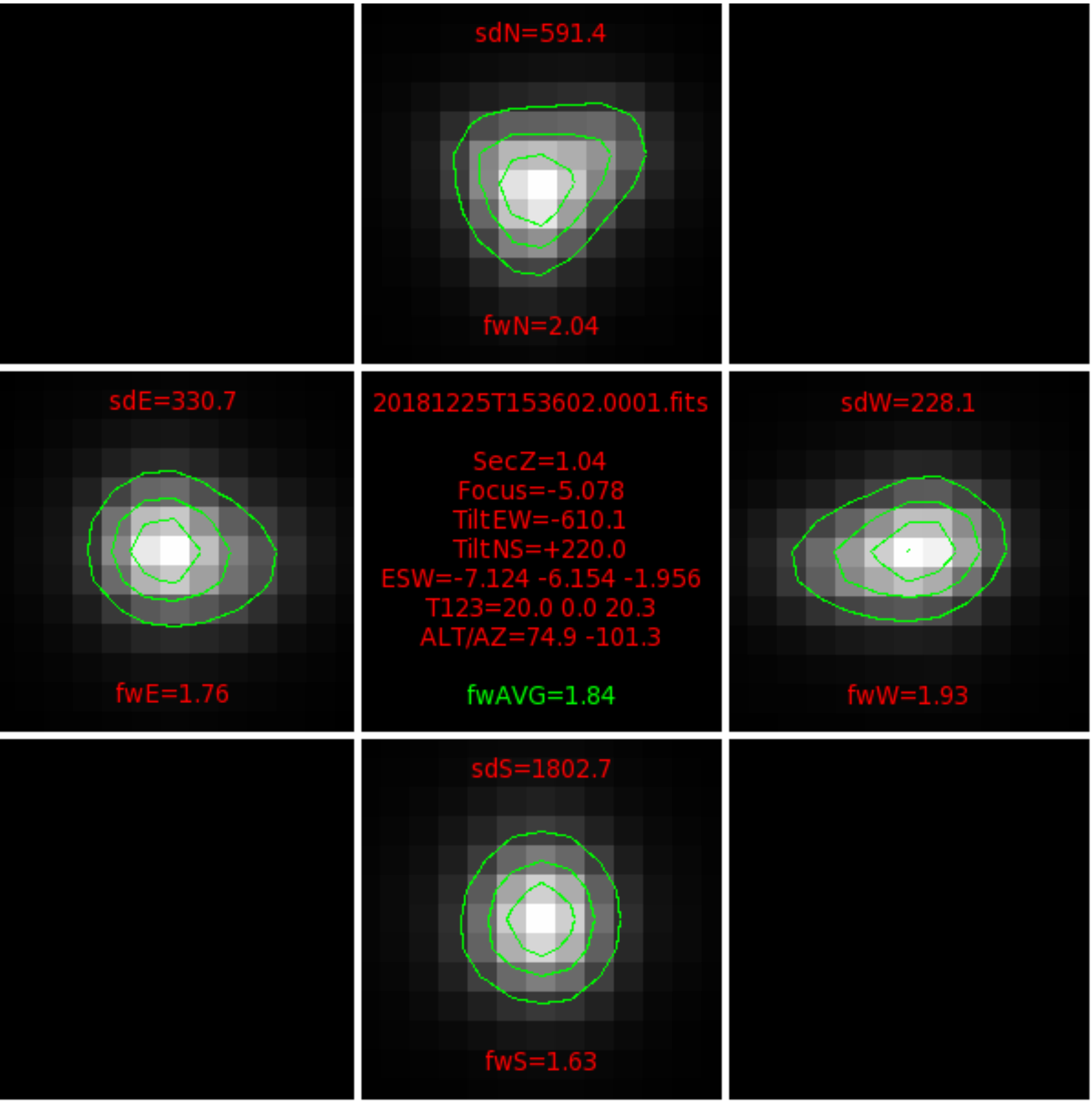

sdN=382.5
fwN=1.69
sdE=495.8
fwE=1.47
20181225T153100.0001.fits
SecZ=1.08
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.0 19.1 20.3
ALT/AZ=68.2 -131.6
fwAVG=1.52
sdW=335.1
fwW=1.59
sdS=170.9
fwS=1.35
0 0 0 0 0 0 0 0 0

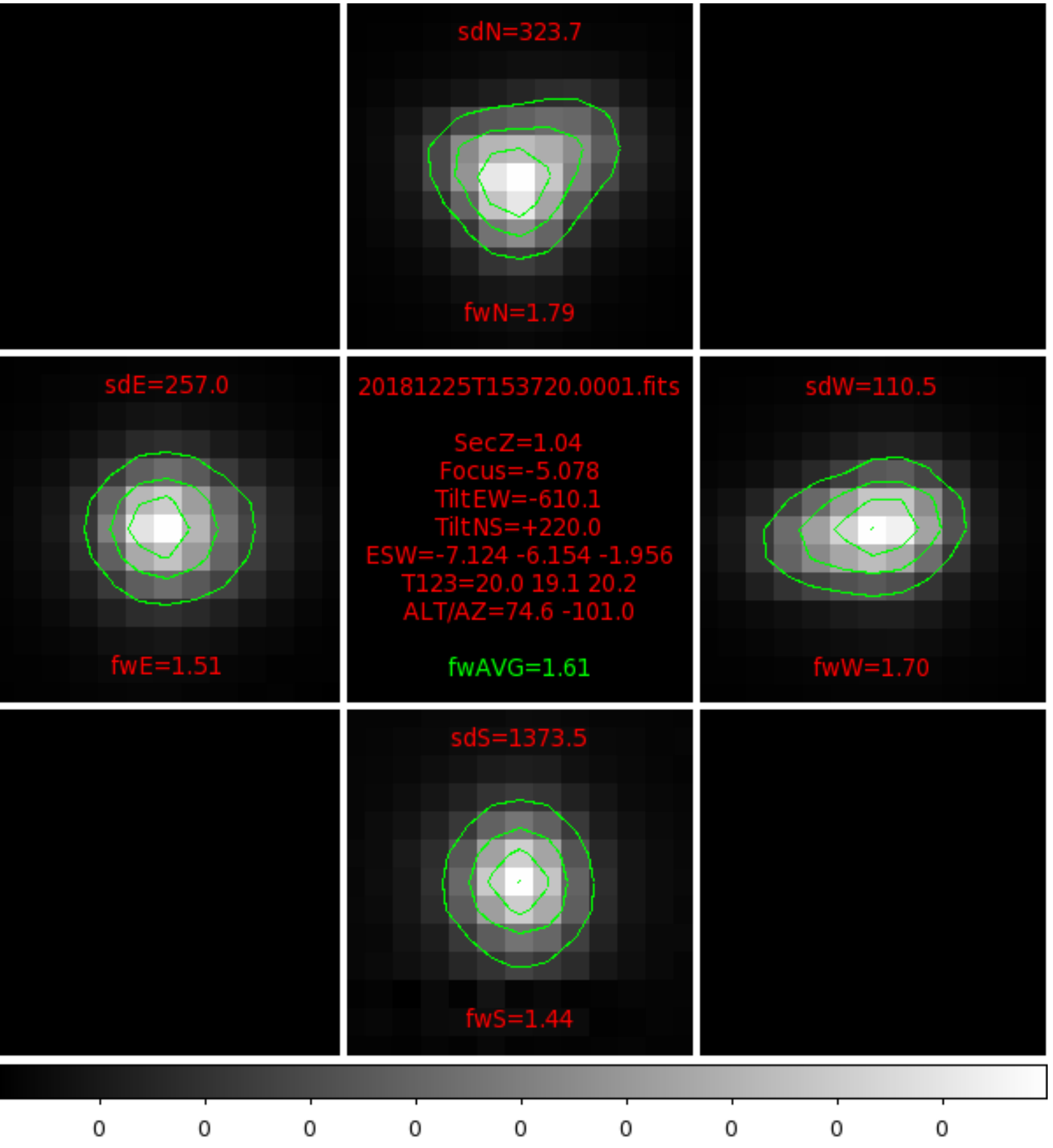

sdN=919.1
fwN=1.78
sdE=1057.5
fwE=1.55
20181225T153203.0001.fits
SecZ=1.08
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=68.0 -131.1
fwAVG=1.61
sdW=921.8
fwW=1.64
sdS=505.7
fwS=1.46
0 0 0 0 0 0 0 0 0

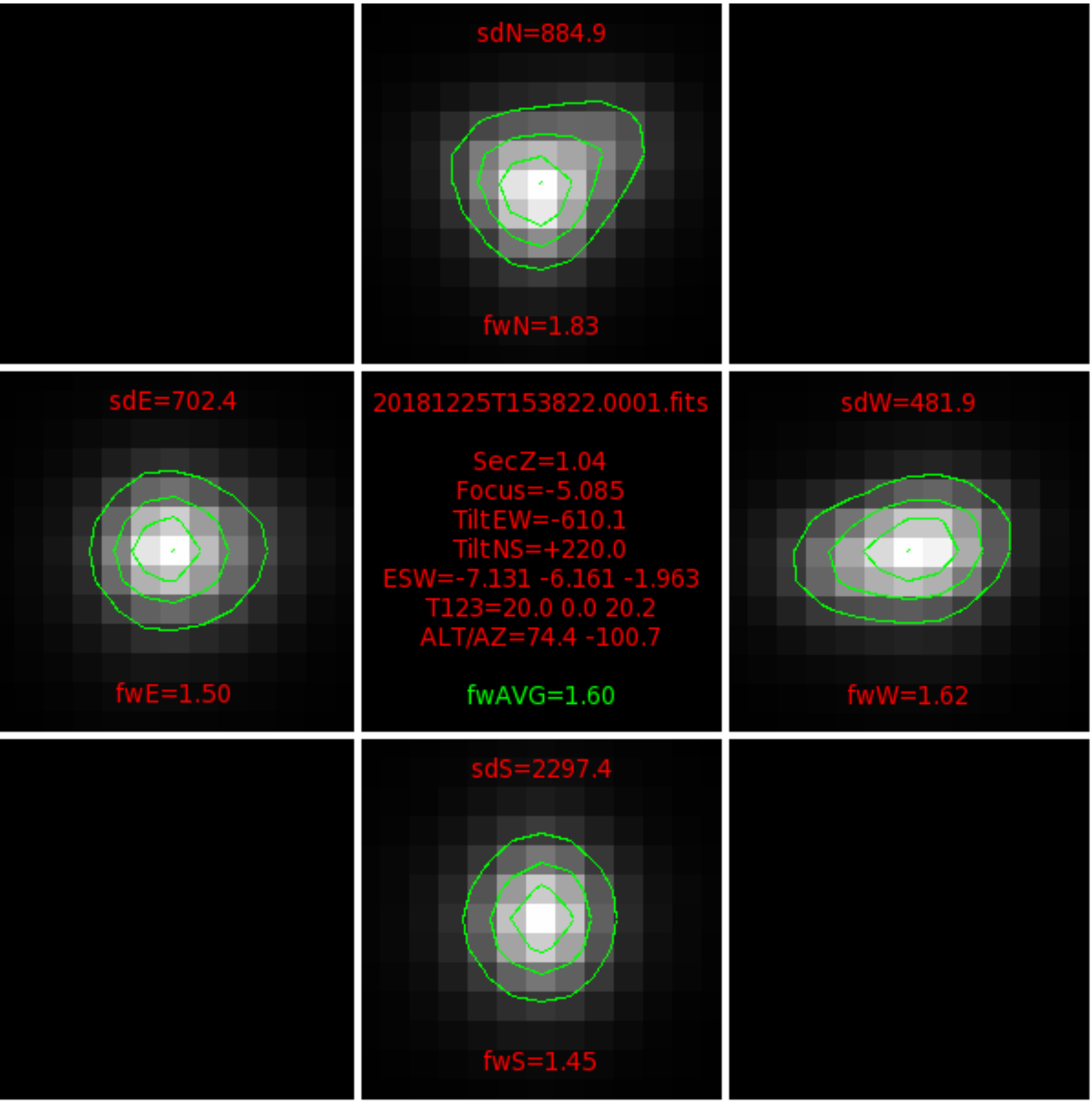

sdN=122.5
fwN=2.14
sdE=61.3
fwE=1.92
20181225T153311.0001.fits
SecZ=1.03
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.0 0.0 20.3
ALT/AZ=75.5 -102.2
fwAVG=1.96
sdW=32.0
fwW=2.03
sdS=780.7
fwS=1.77
0 0 0 0 0 0 0 0 0

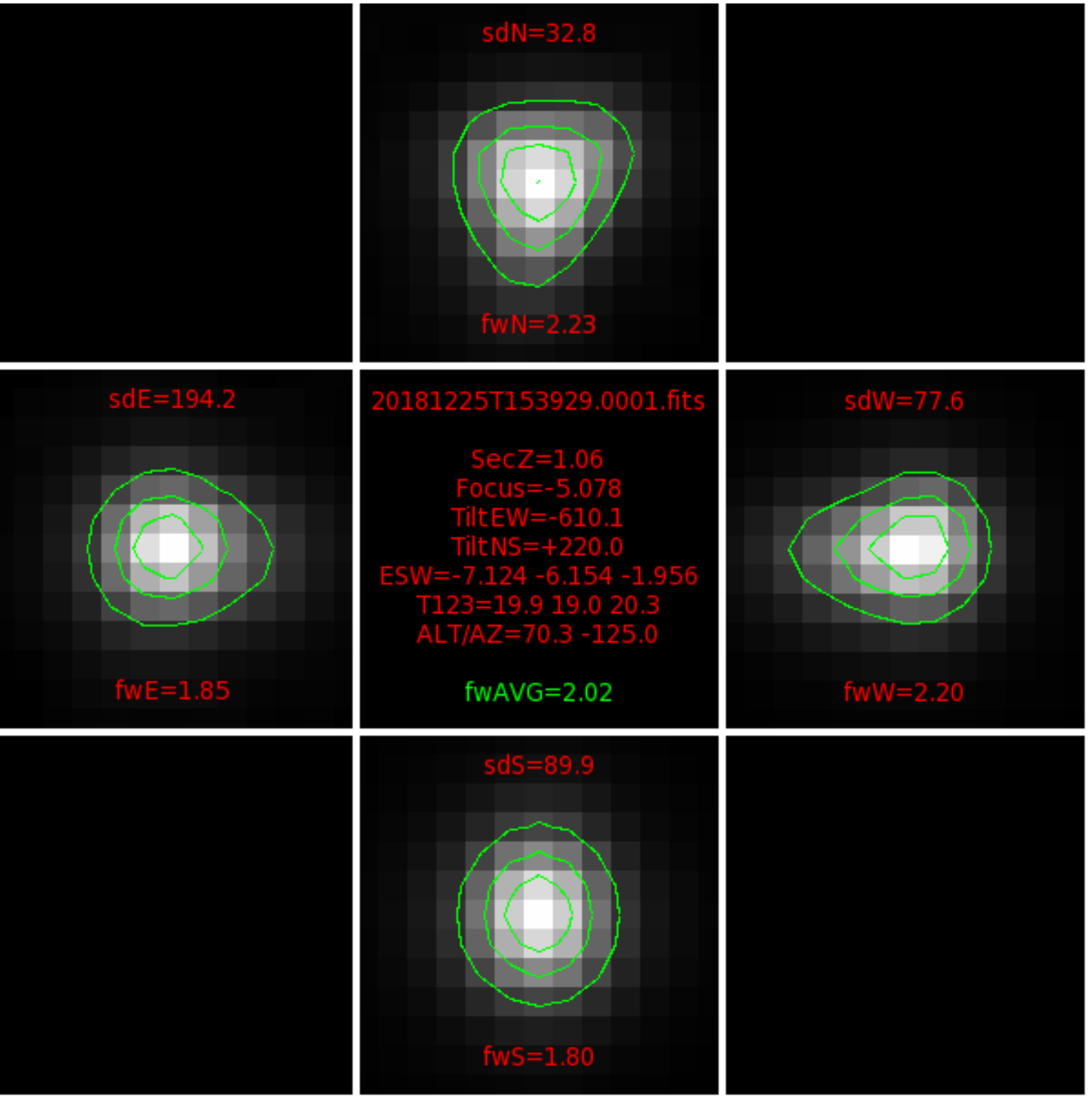

sdN=442.7
fwN=2.16
sdE=186.5
fwE=2.07
20181225T153400.0001.fits
SecZ=1.03
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.0 19.1 20.2
ALT/AZ=75.3 -101.9
fwAVG=2.06
sdW=133.5
fwW=2.15
sdS=1440.6
fwS=1.87
0 0 0 0 0 0 0 0 0

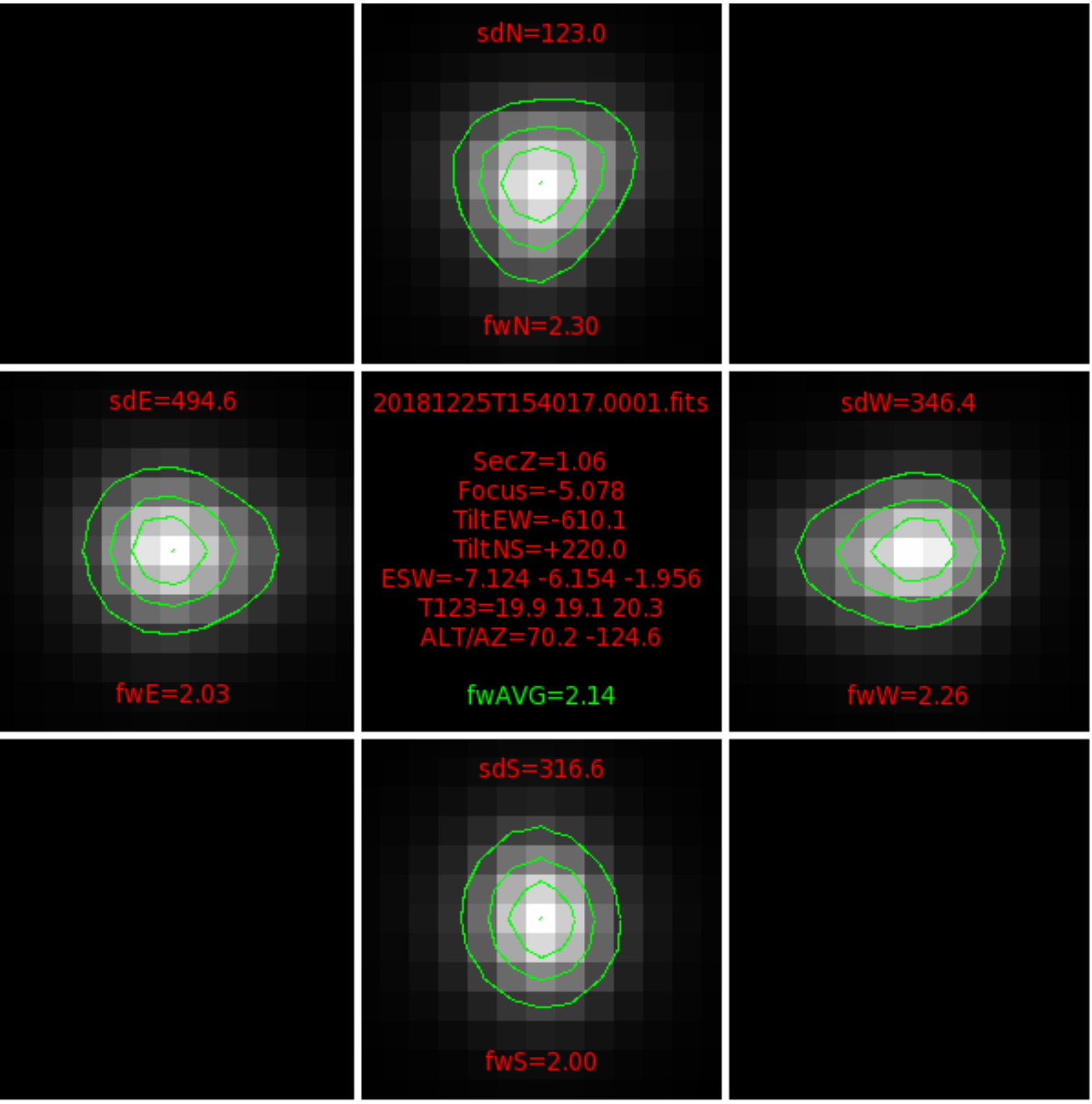

sdN=192.7
fwN=1.84
sdE=113.1
fwE=1.63
20181225T153509.0001.fits
SecZ=1.03
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.0 19.1 20.2
ALT/AZ=75.1 -101.6
fwAVG=1.68
sdW=56.0
fwW=1.73
sdS=987.5
fwS=1.52
0 0 0 0 0 0 0 0 0

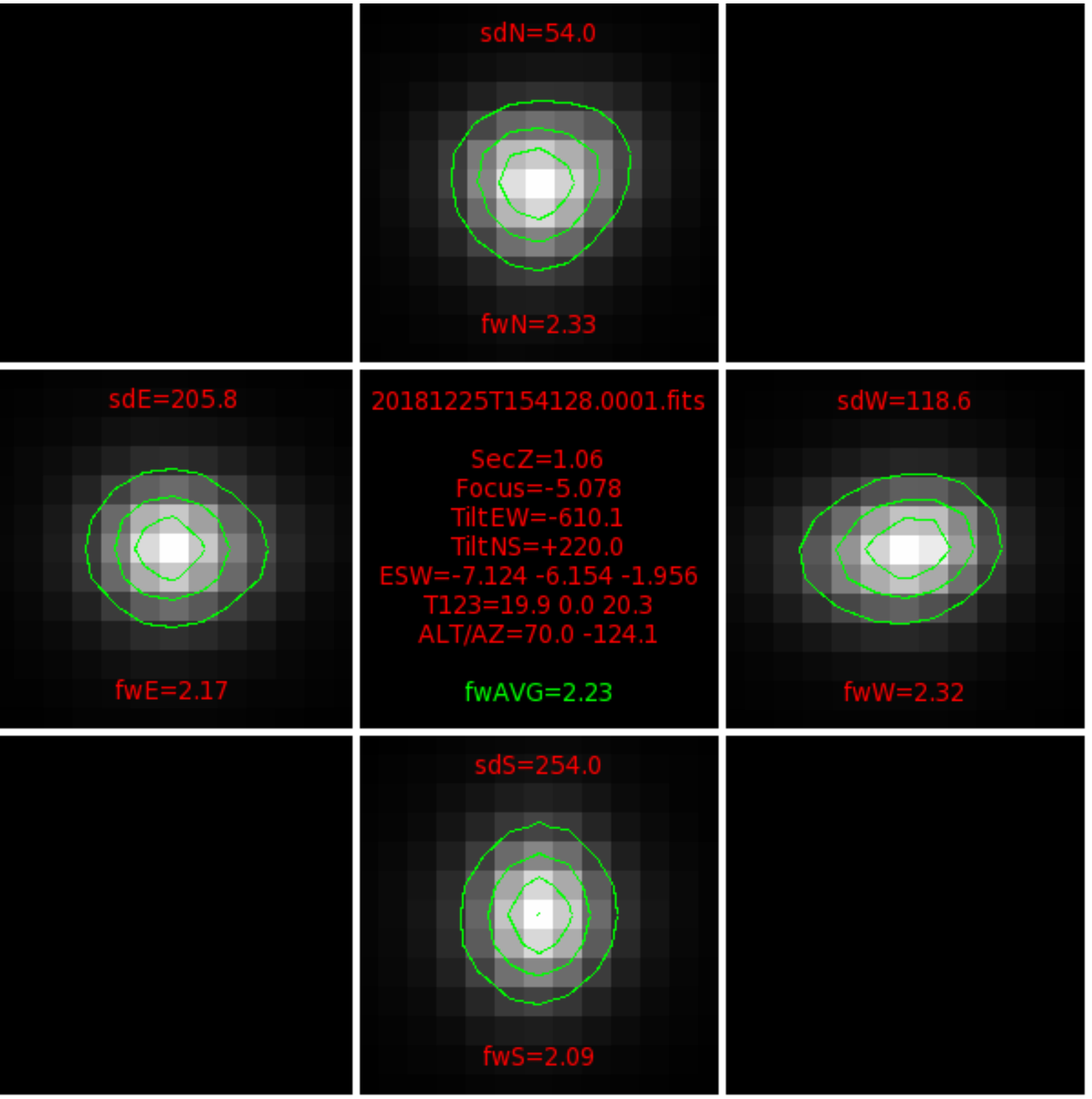

sdN=591.4
fwN=2.04
sdE=330.7
fwE=1.76
20181225T153602.0001.fits
SecZ=1.04
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.0 0.0 20.3
ALT/AZ=74.9 -101.3
fwAVG=1.84
sdW=228.1
fwW=1.93
sdS=1802.7
fwS=1.63
0 0 0 0 0 0 0 0 0

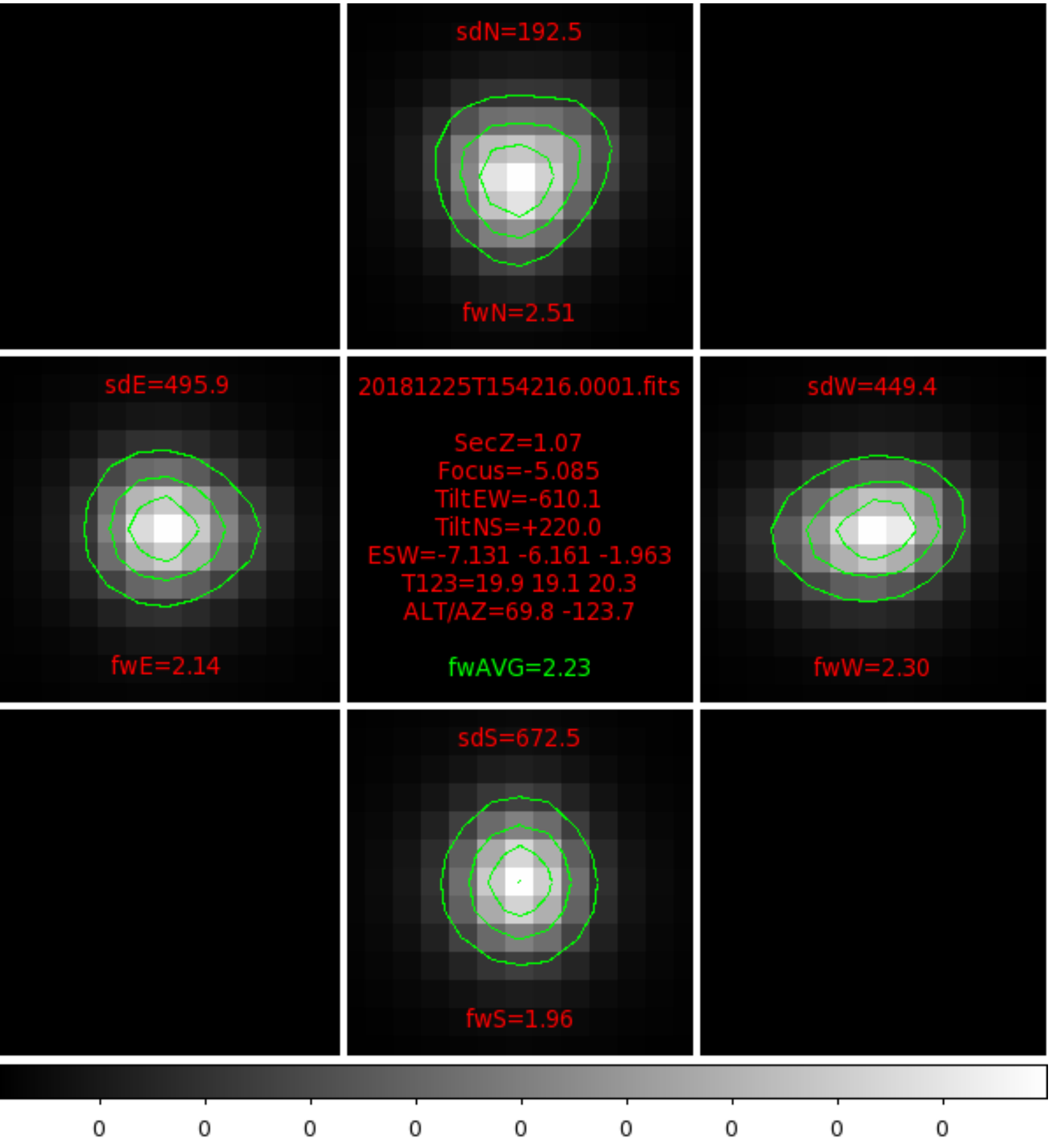

sdN=323.7
fwN=1.79
sdE=257.0
fwE=1.51
20181225T153720.0001.fits
SecZ=1.04
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.0 19.1 20.2
ALT/AZ=74.6 -101.0
fwAVG=1.61
sdW=110.5
fwW=1.70
sdS=1373.5
fwS=1.44
0 0 0 0 0 0 0 0 0

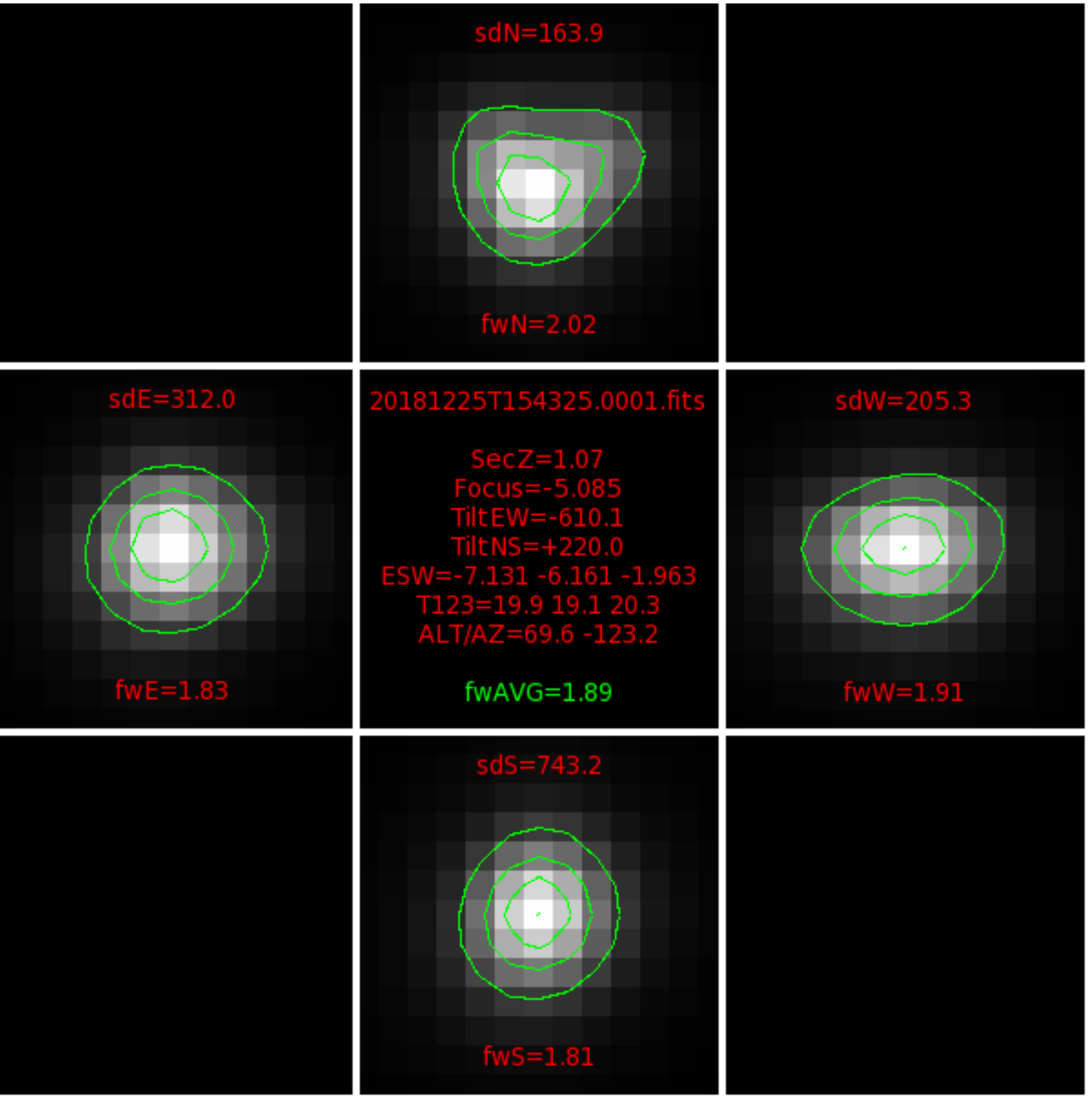

sdN=884.9
fwN=1.83
sdE=702.4
fwE=1.50
20181225T153822.0001.fits
SecZ=1.04
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.0 0.0 20.2
ALT/AZ=74.4 -100.7
fwAVG=1.60
sdW=481.9
fwW=1.62
sdS=2297.4
fwS=1.45
0 0 0 0 0 0 0 0 0

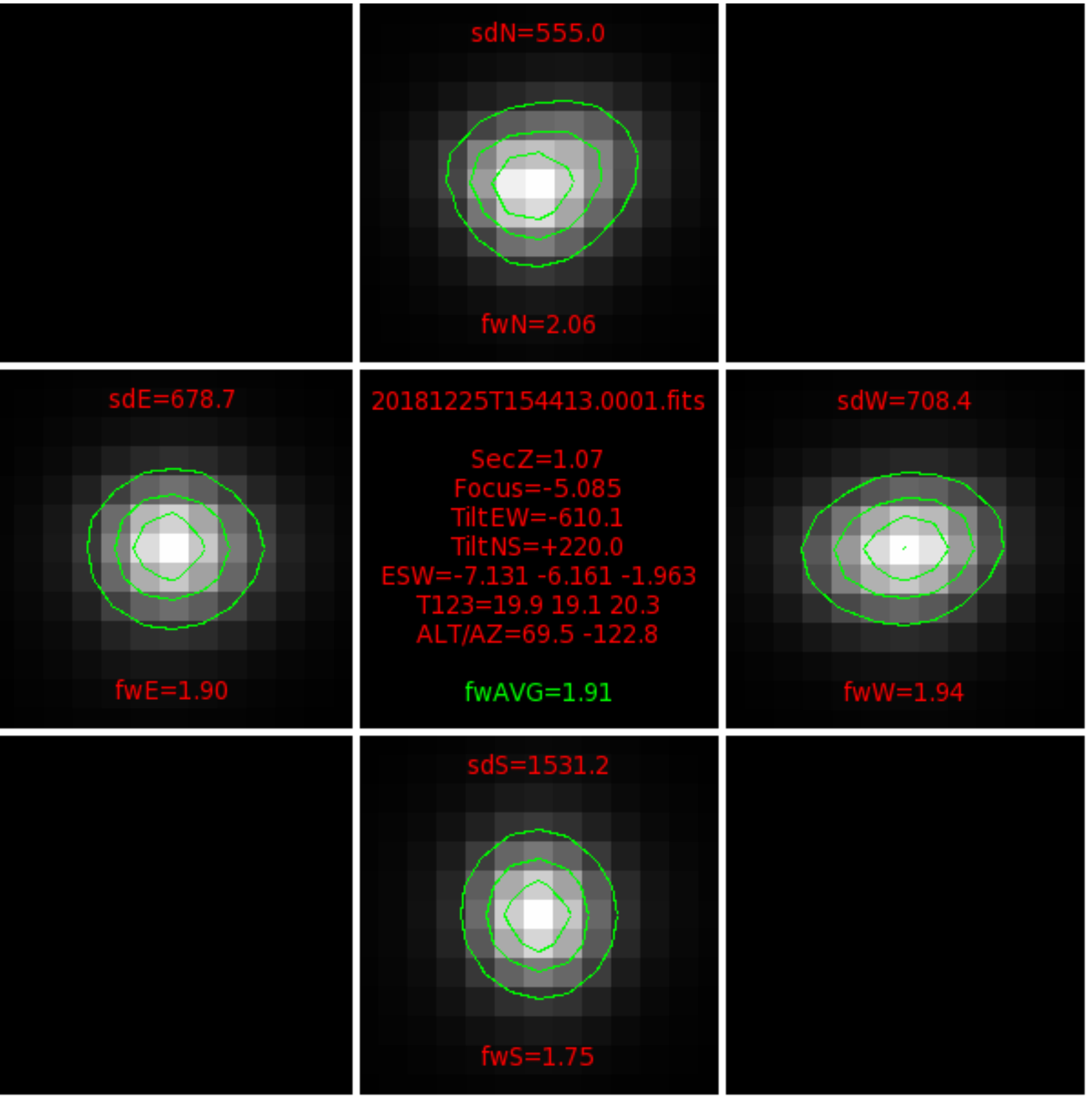

sdN=32.8
fwN=2.23
sdE=194.2
fwE=1.85
20181225T153929.0001.fits
SecZ=1.06
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=19.9 19.0 20.3
ALT/AZ=70.3 -125.0
fwAVG=2.02
sdW=77.6
fwW=2.20
sdS=89.9
fwS=1.80
0 0 0 0 0 0 0 0 0

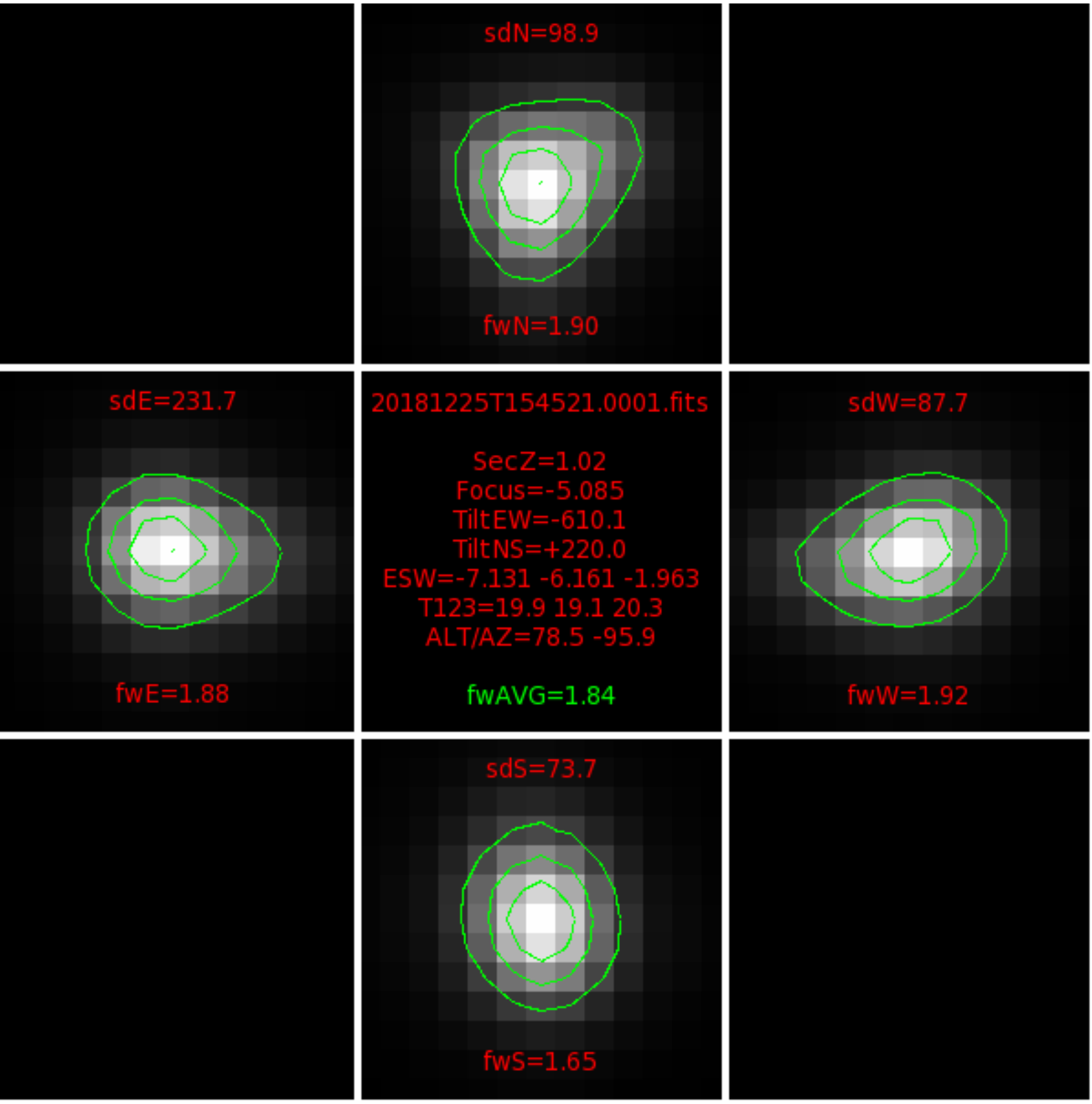

sdN=123.0
fwN=2.30
sdE=494.6
fwE=2.03
20181225T154017.0001.fits
SecZ=1.06
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=19.9 19.1 20.3
ALT/AZ=70.2 -124.6
fwAVG=2.14
sdW=346.4
fwW=2.26
sdS=316.6
fwS=2.00
0 0 0 0 0 0 0 0 0

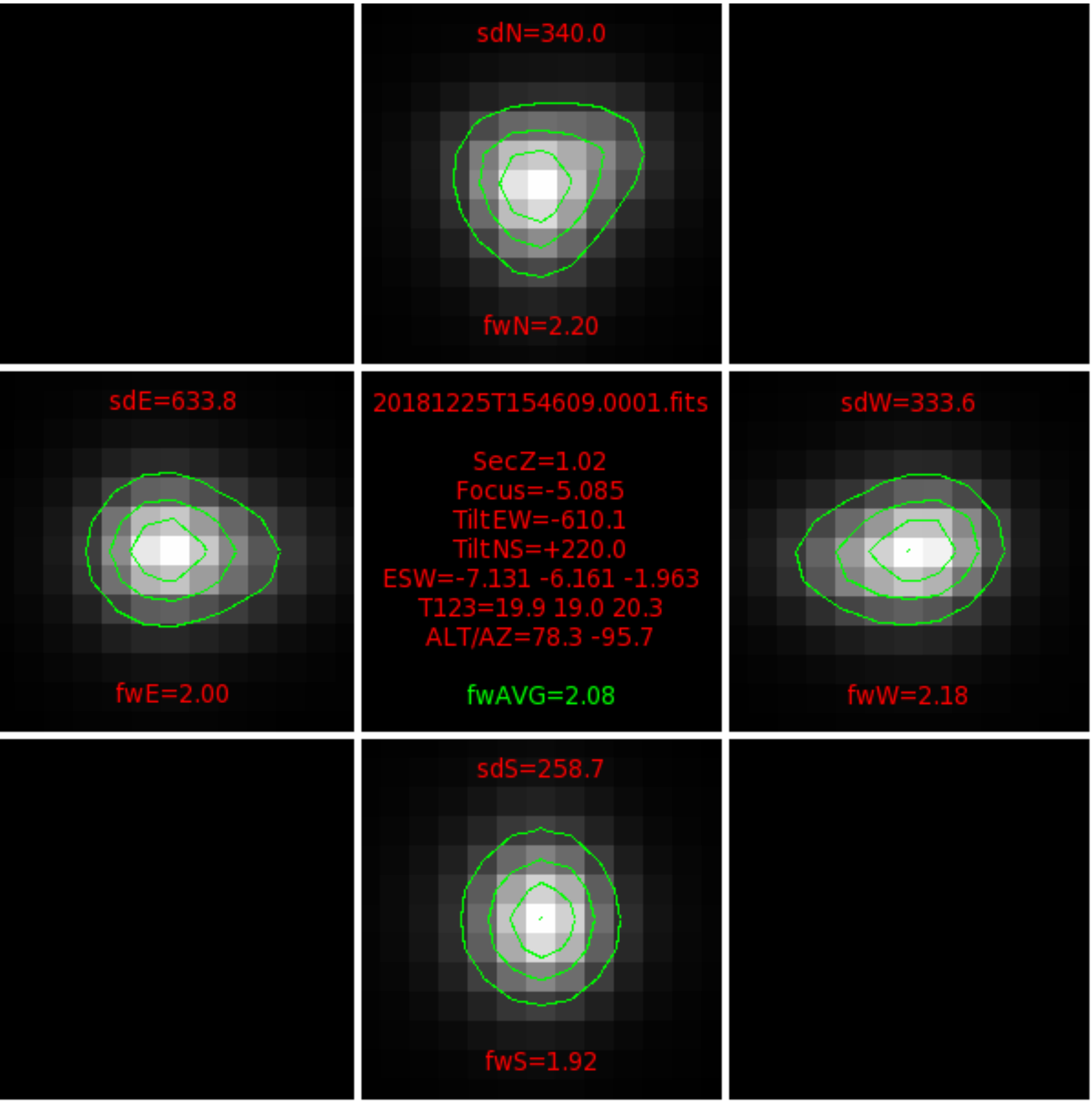

sdN=54.0
fwN=2.33
sdE=205.8
fwE=2.17
20181225T154128.0001.fits
SecZ=1.06
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=19.9 0.0 20.3
ALT/AZ=70.0 -124.1
fwAVG=2.23
sdW=118.6
fwW=2.32
sdS=254.0
fwS=2.09
0 0 0 0 0 0 0 0 0

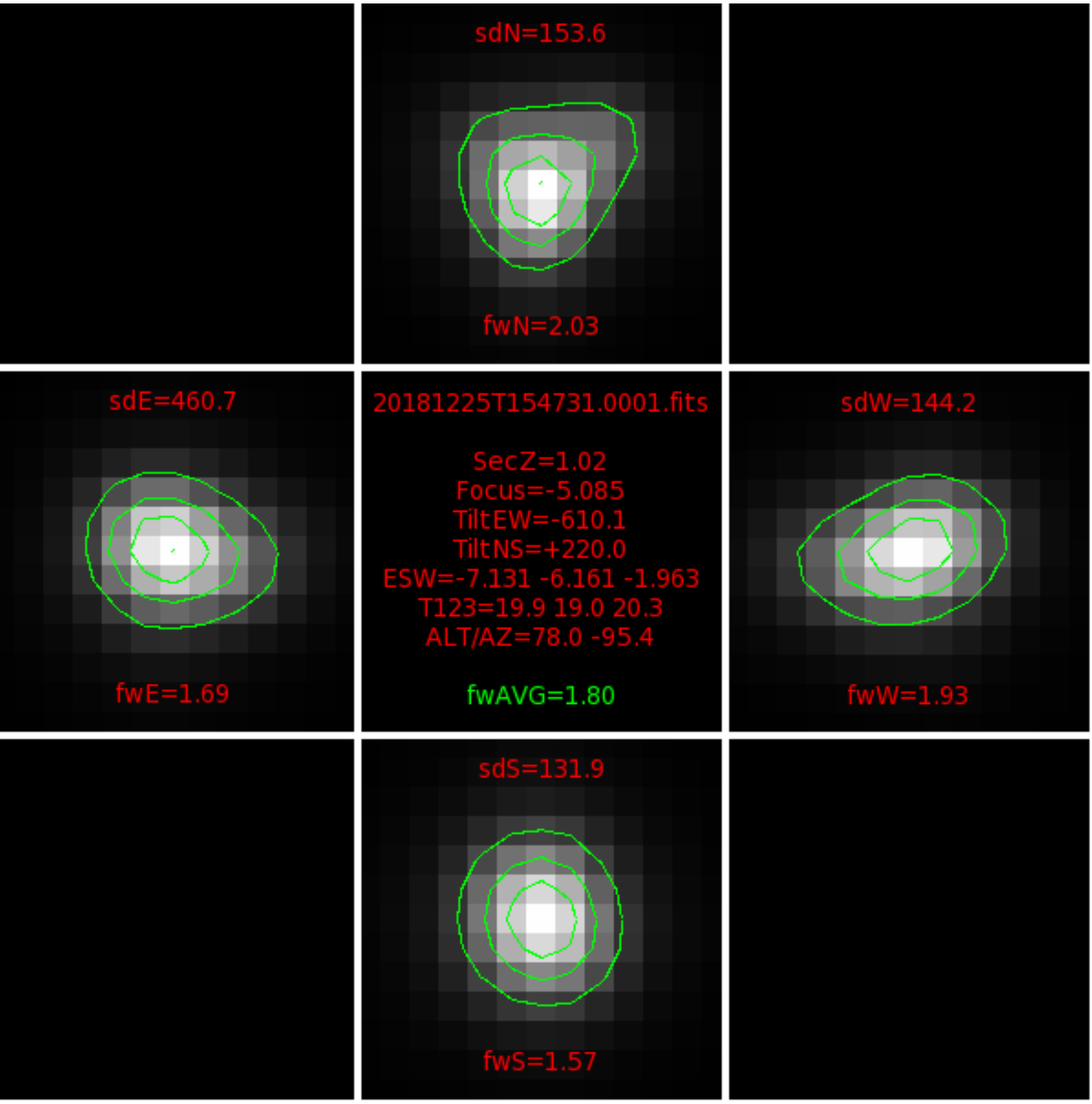

sdN=192.5
fwN=2.51
sdE=495.9
fwE=2.14
20181225T154216.0001.fits
SecZ=1.07
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 19.1 20.3
ALT/AZ=69.8 -123.7
fwAVG=2.23
sdW=449.4
fwW=2.30
sdS=672.5
fwS=1.96
0 0 0 0 0 0 0 0 0

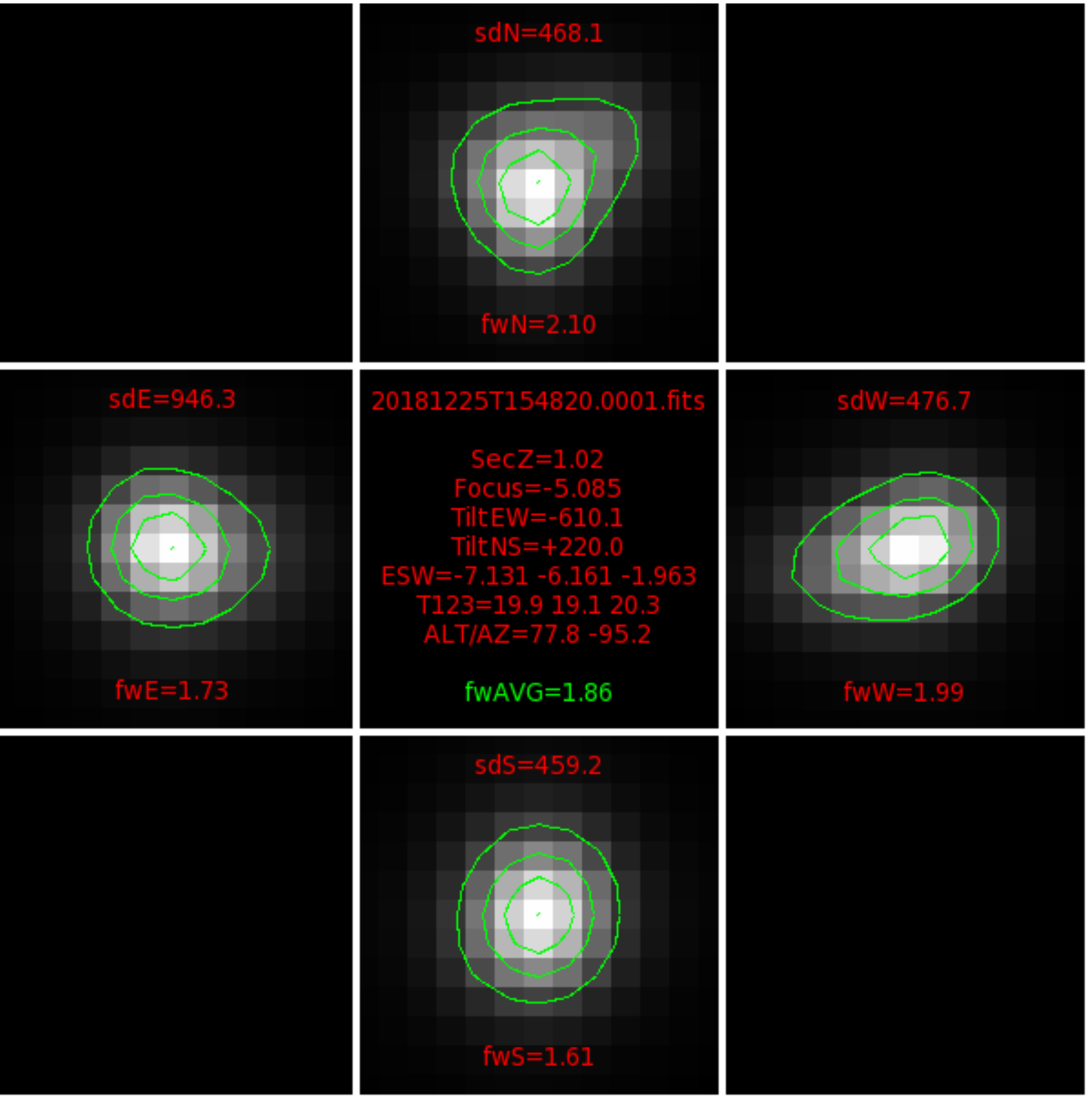

sdN=163.9
fwN=2.02
sdE=312.0
fwE=1.83
20181225T154325.0001.fits
SecZ=1.07
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 19.1 20.3
ALT/AZ=69.6 -123.2
fwAVG=1.89
sdW=205.3
fwW=1.91
sdS=743.2
fwS=1.81
0 0 0 0 0 0 0 0 0

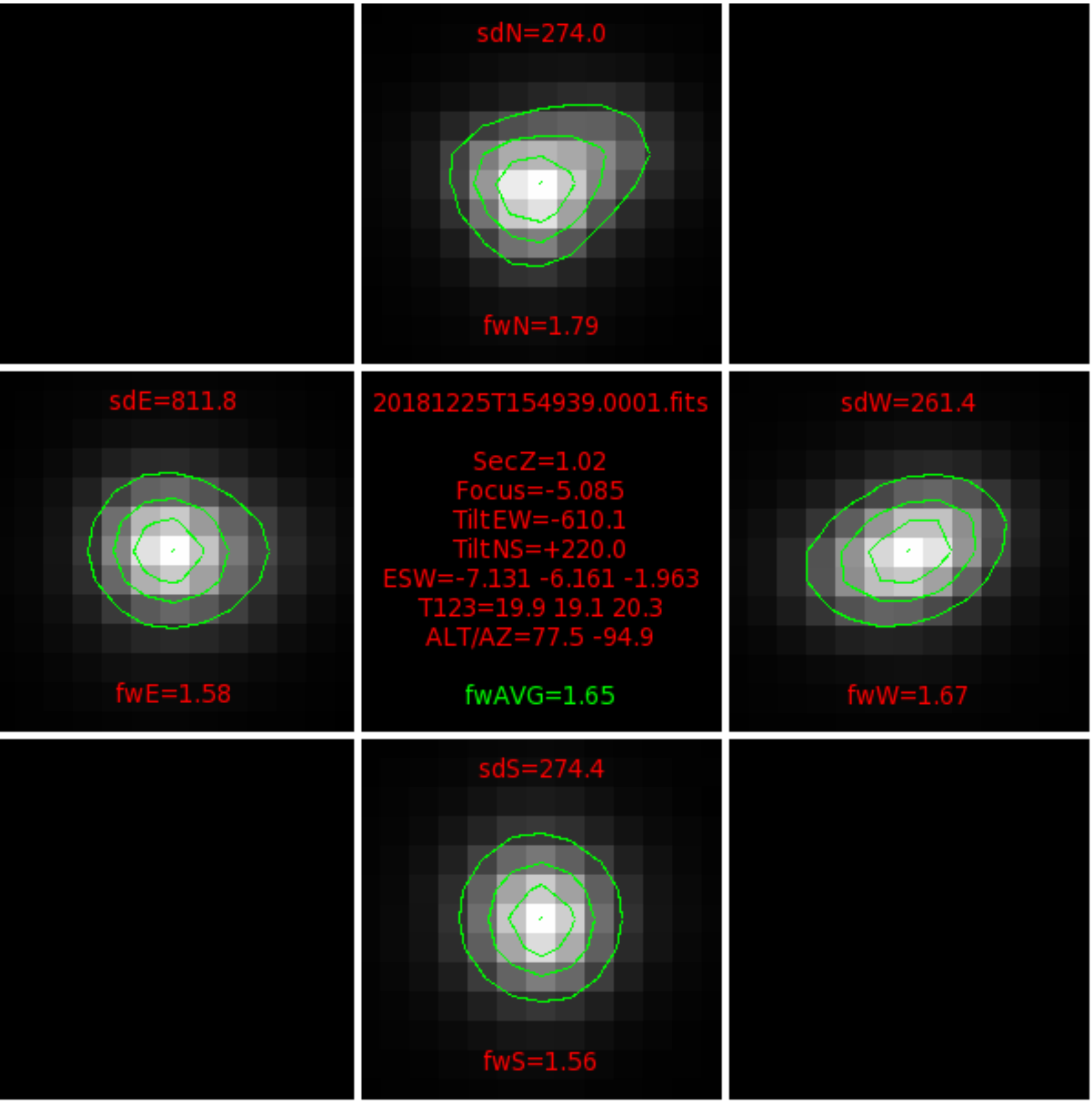

sdN=555.0
fwN=2.06
sdE=678.7
fwE=1.90
20181225T154413.0001.fits
SecZ=1.07
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 19.1 20.3
ALT/AZ=69.5 -122.8
fwAVG=1.91
sdW=708.4
fwW=1.94
sdS=1531.2
fwS=1.75
0 0 0 0 0 0 0 0 0

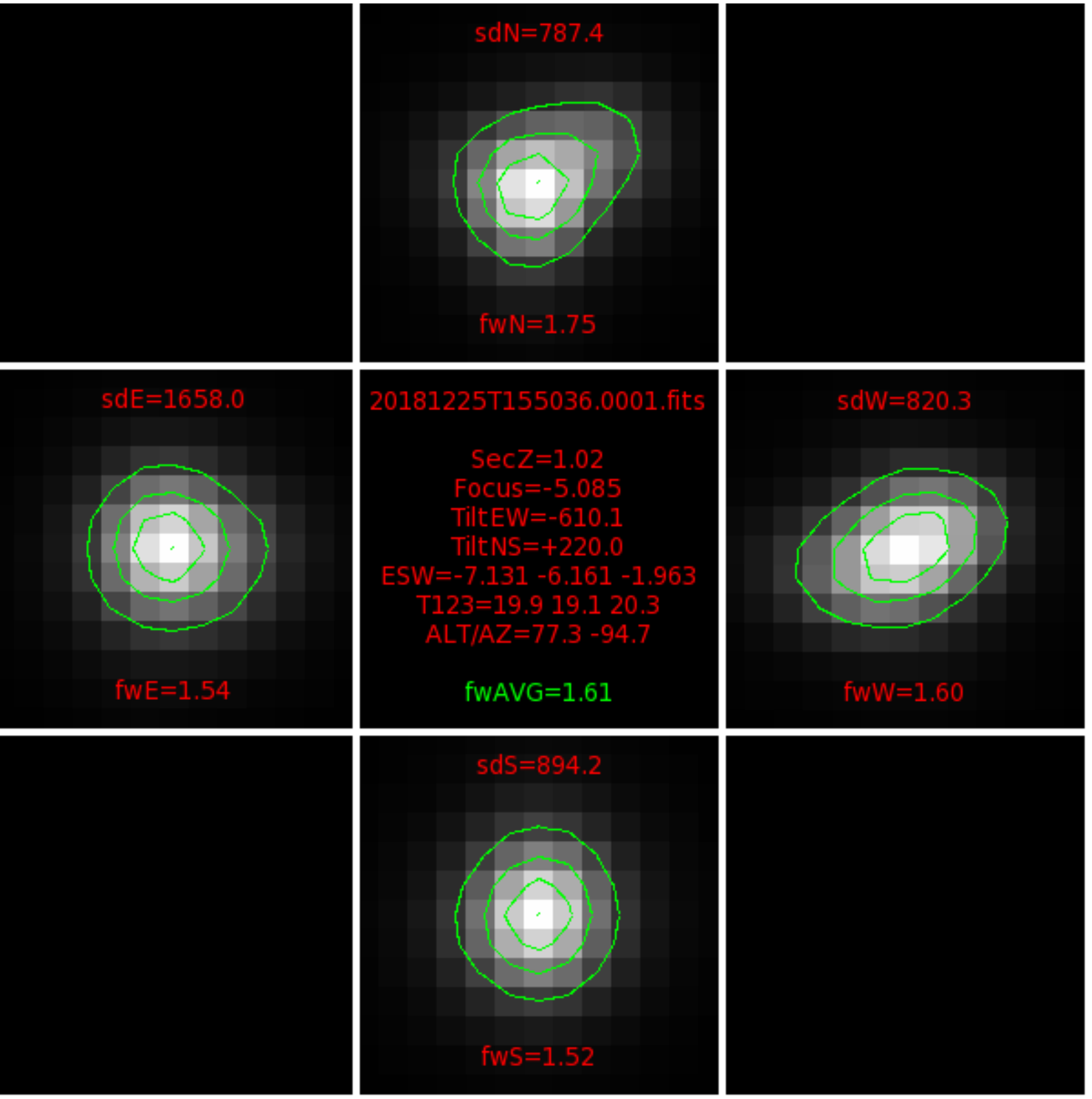

sdN=98.9
fwN=1.90
sdE=231.7
fwE=1.88
20181225T154521.0001.fits
SecZ=1.02
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 19.1 20.3
ALT/AZ=78.5 -95.9
fwAVG=1.84
sdW=87.7
fwW=1.92
sdS=73.7
fwS=1.65
0 0 0 0 0 0 0 0 0

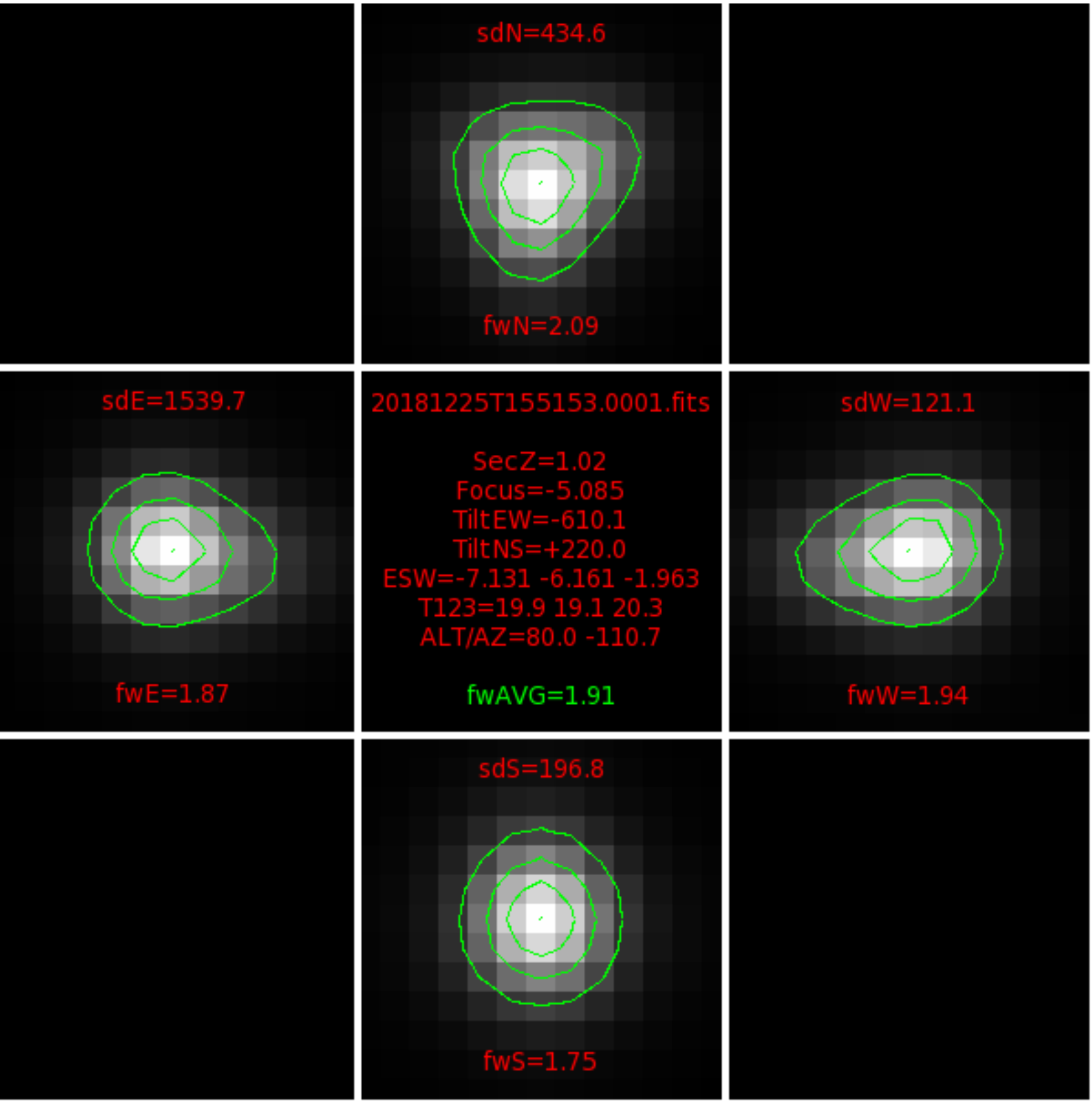

sdN=340.0
fwN=2.20
sdE=633.8
fwE=2.00
20181225T154609.0001.fits
SecZ=1.02
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 19.0 20.3
ALT/AZ=78.3 -95.7
fwAVG=2.08
sdW=333.6
fwW=2.18
sdS=258.7
fwS=1.92
0 0 0 0 0 0 0 0 0

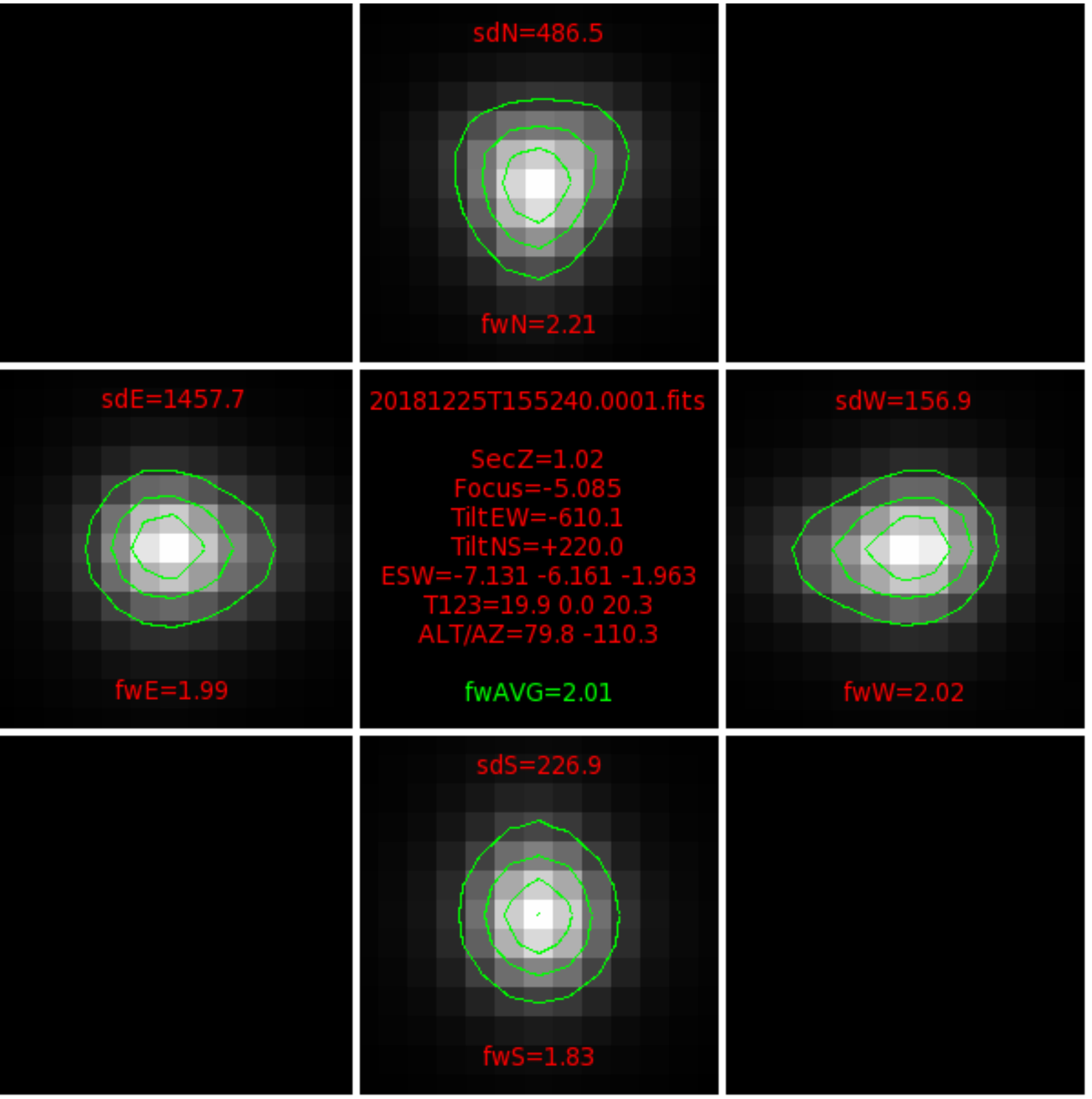

sdN=153.6
fwN=2.03
sdE=460.7
fwE=1.69
20181225T154731.0001.fits
SecZ=1.02
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 19.0 20.3
ALT/AZ=78.0 -95.4
fwAVG=1.80
sdW=144.2
fwW=1.93
sdS=131.9
fwS=1.57
0 0 0 0 0 0 0 0 0

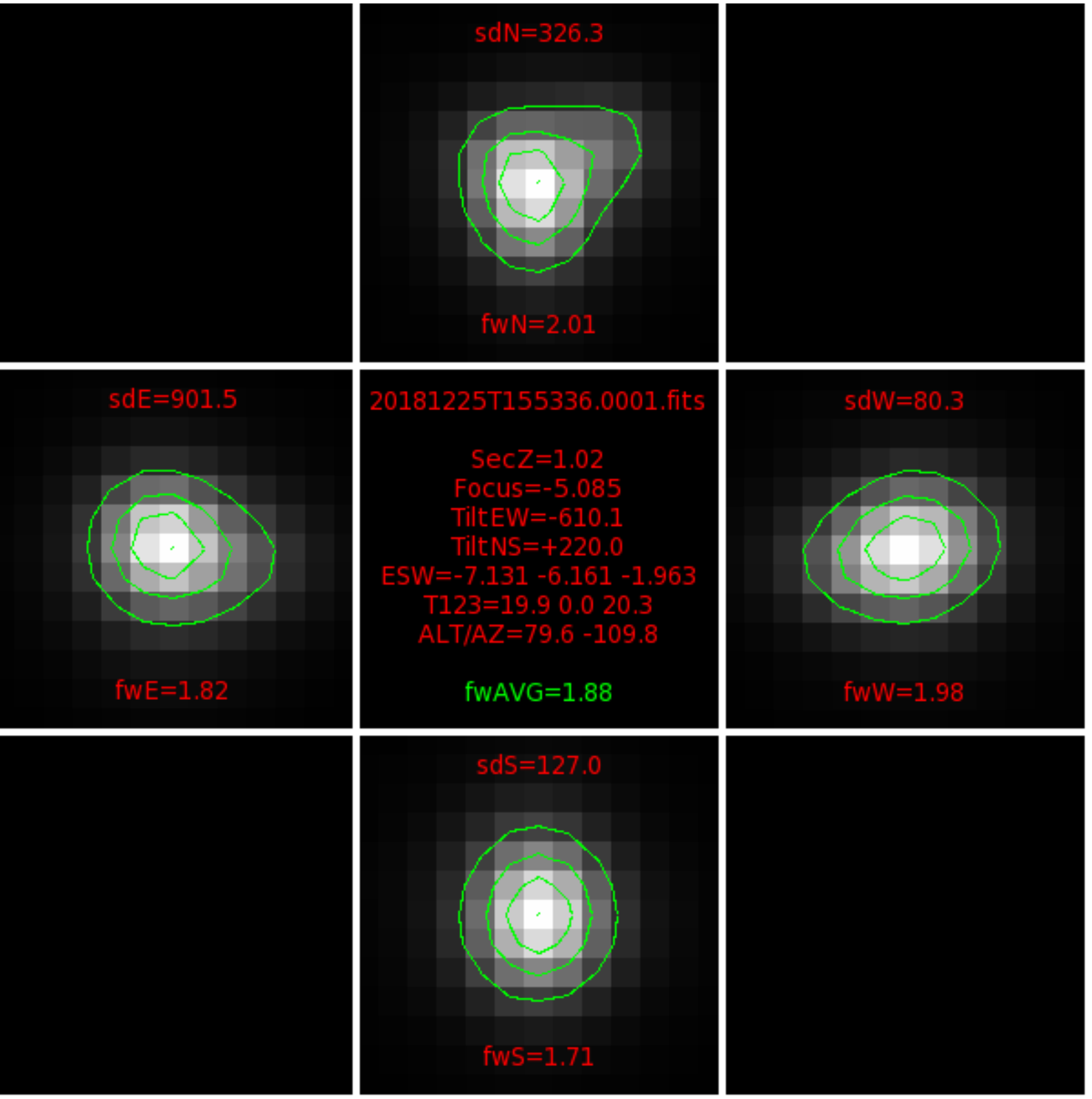

sdN=468.1
fwN=2.10
sdE=946.3
fwE=1.73
20181225T154820.0001.fits
SecZ=1.02
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 19.1 20.3
ALT/AZ=77.8 -95.2
fwAVG=1.86
sdW=476.7
fwW=1.99
sdS=459.2
fwS=1.61
0 0 0 0 0 0 0 0 0

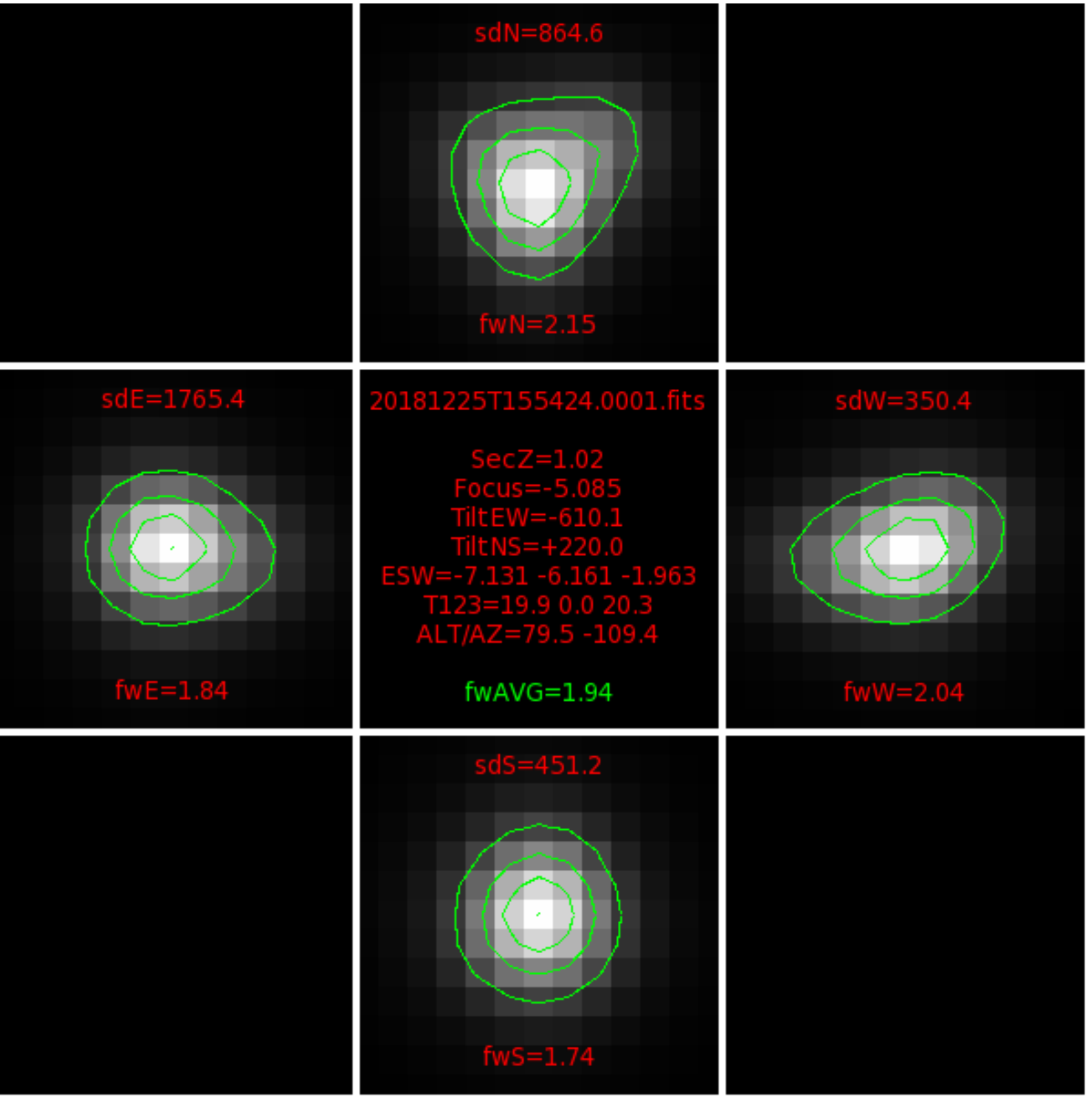

sdN=274.0
fwN=1.79
sdE=811.8
fwE=1.58
20181225T154939.0001.fits
SecZ=1.02
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 19.1 20.3
ALT/AZ=77.5 -94.9
fwAVG=1.65
sdW=261.4
fwW=1.67
sdS=274.4
fwS=1.56
0 0 0 0 0 0 0 0 0

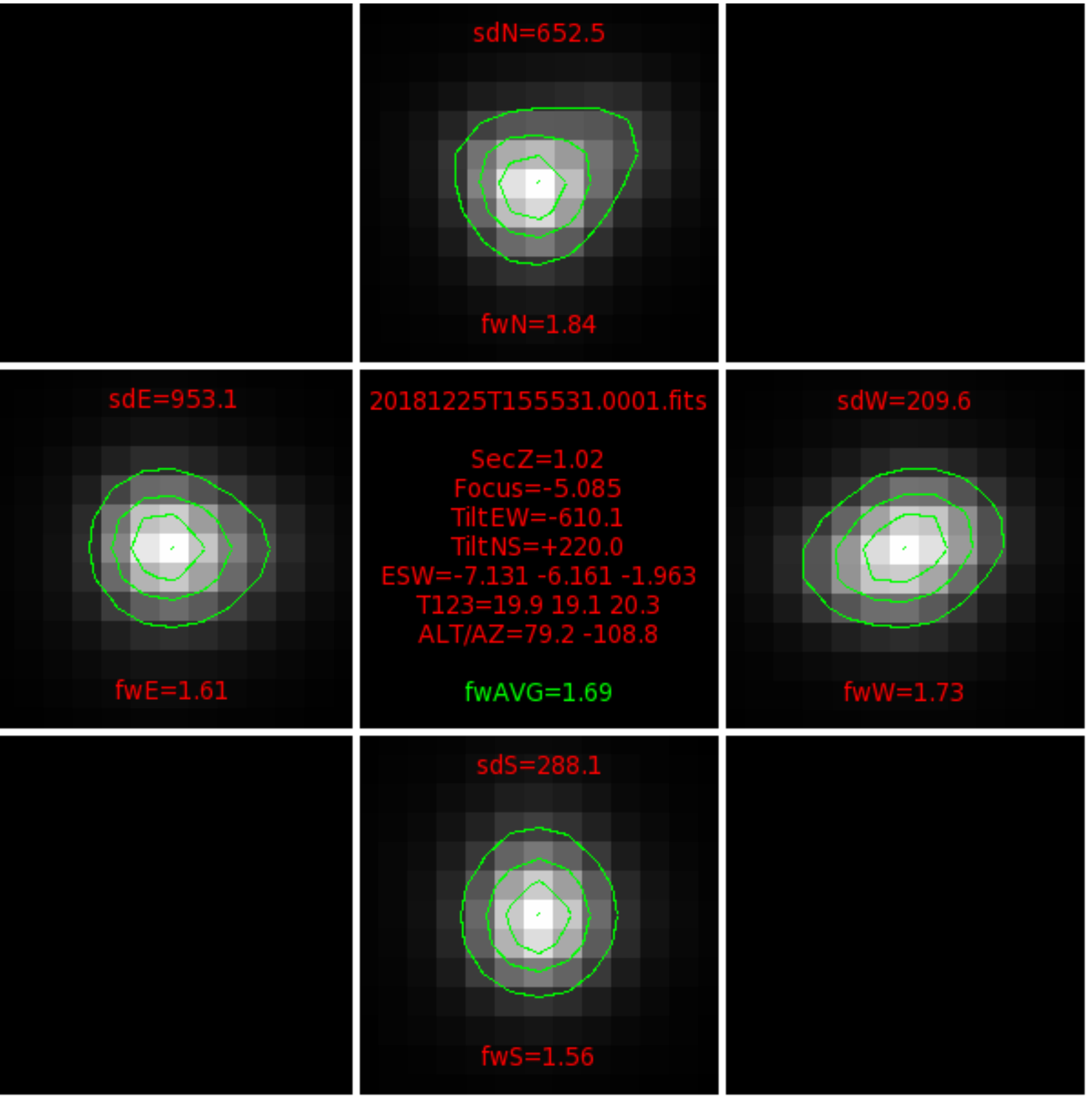

sdN=787.4
fwN=1.75
sdE=1658.0
fwE=1.54
20181225T155036.0001.fits
SecZ=1.02
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 19.1 20.3
ALT/AZ=77.3 -94.7
fwAVG=1.61
sdW=820.3
fwW=1.60
sdS=894.2
fwS=1.52
0 0 0 0 0 0 0 0 0

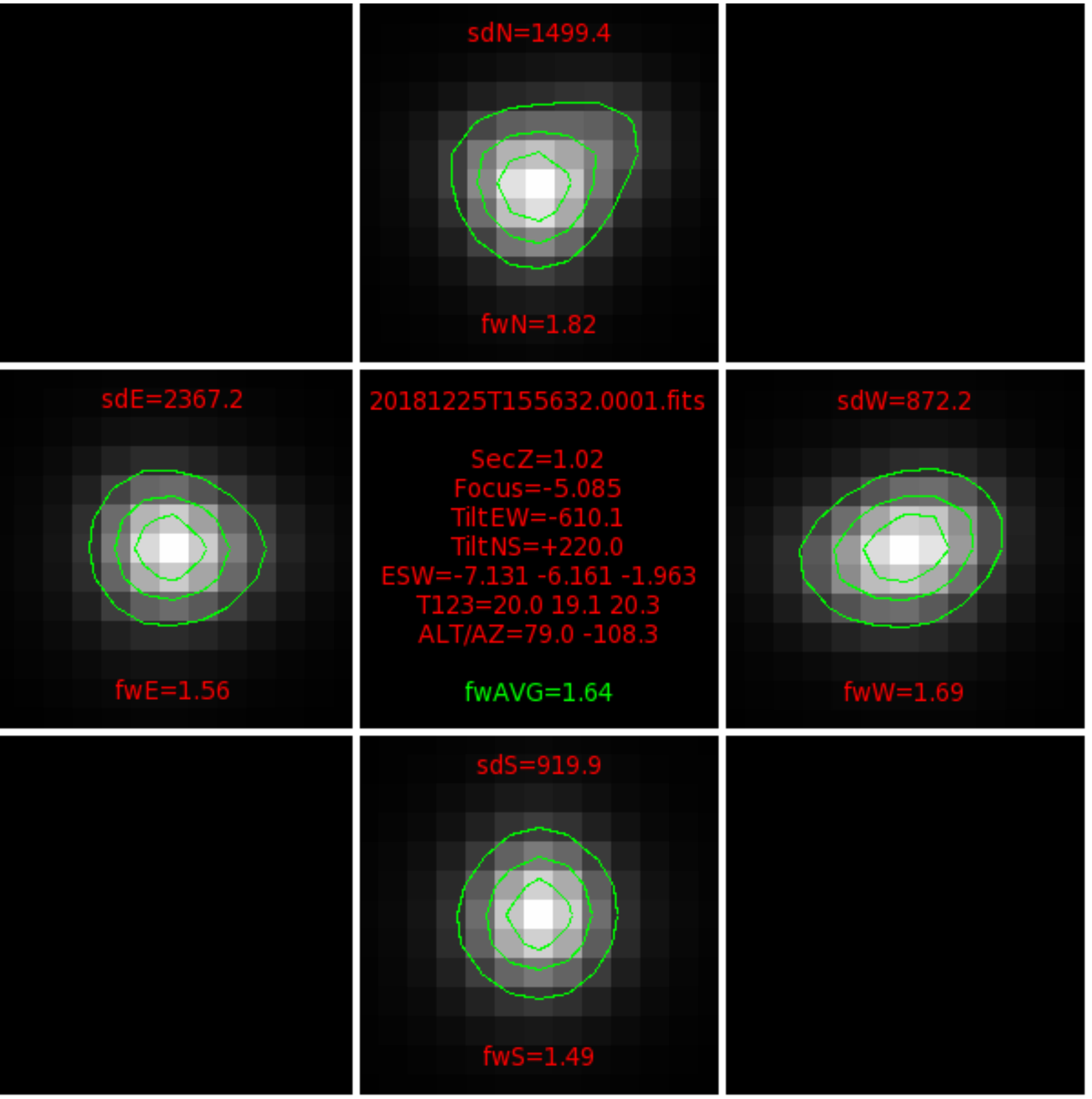

sdN=434.6
fwN=2.09
sdE=1539.7
fwE=1.87
20181225T155153.0001.fits
SecZ=1.02
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 19.1 20.3
ALT/AZ=80.0 -110.7
fwAVG=1.91
sdW=121.1
fwW=1.94
sdS=196.8
fwS=1.75
0 0 0 0 0 0 0 0 0

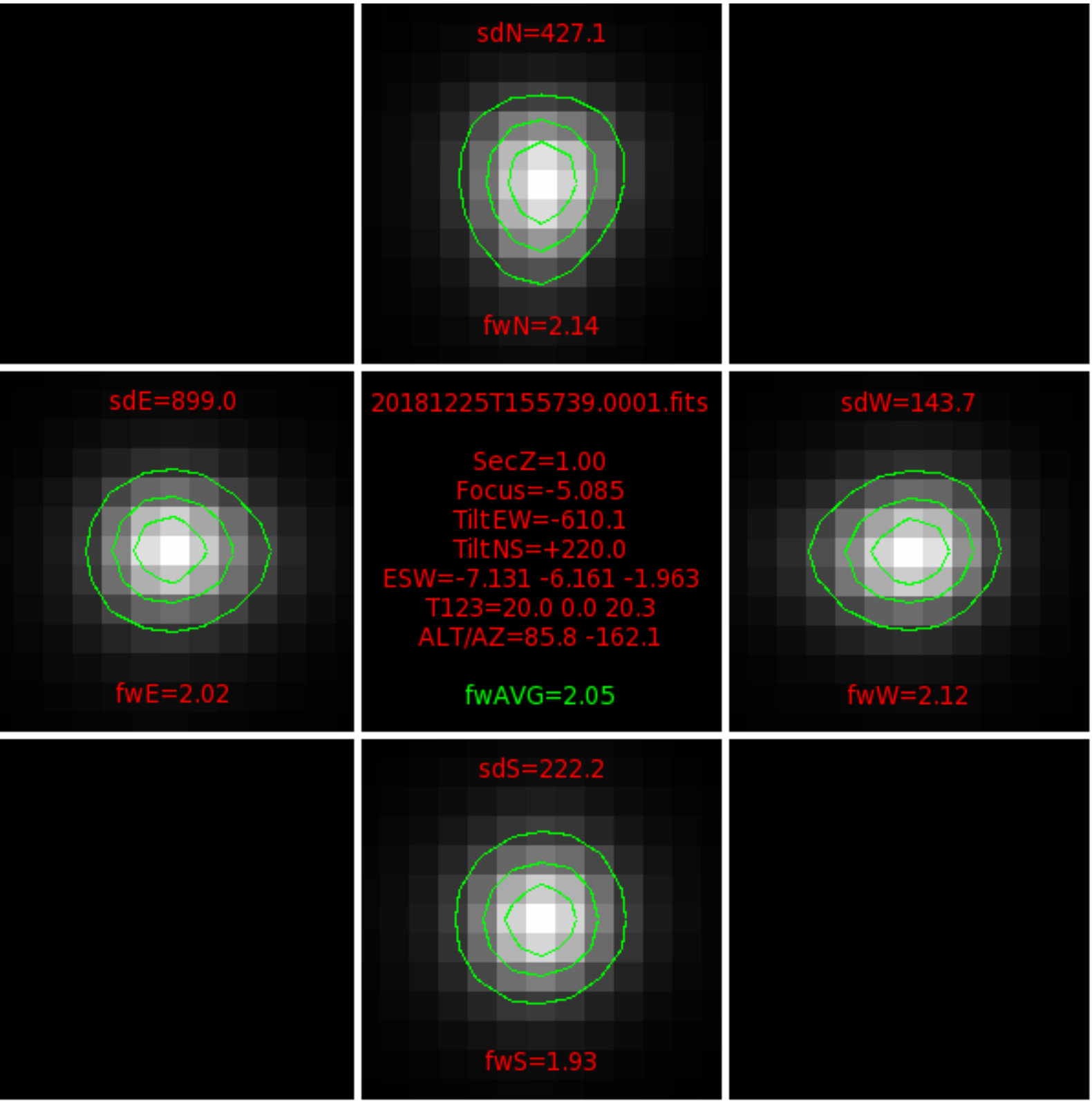

sdN=486.5
fwN=2.21
sdE=1457.7
fwE=1.99
20181225T155240.0001.fits
SecZ=1.02
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 0.0 20.3
ALT/AZ=79.8 -110.3
fwAVG=2.01
sdW=156.9
fwW=2.02
sdS=226.9
fwS=1.83
0 0 0 0 0 0 0 0 0

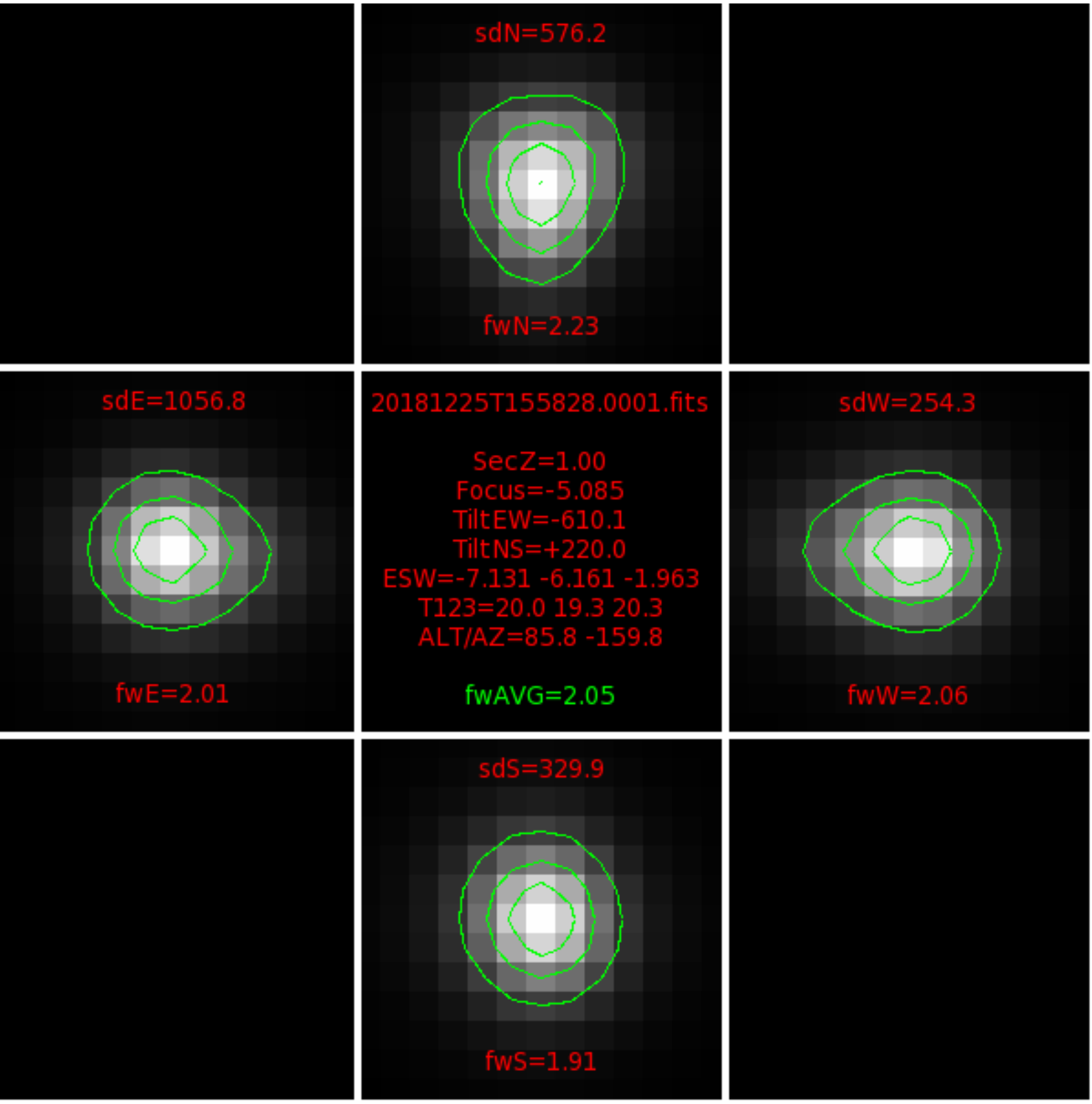

sdN=326.3
fwN=2.01
sdE=901.5
fwE=1.82
20181225T155336.0001.fits
SecZ=1.02
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 0.0 20.3
ALT/AZ=79.6 -109.8
fwAVG=1.88
sdW=80.3
fwW=1.98
sdS=127.0
fwS=1.71
0 0 0 0 0 0 0 0 0

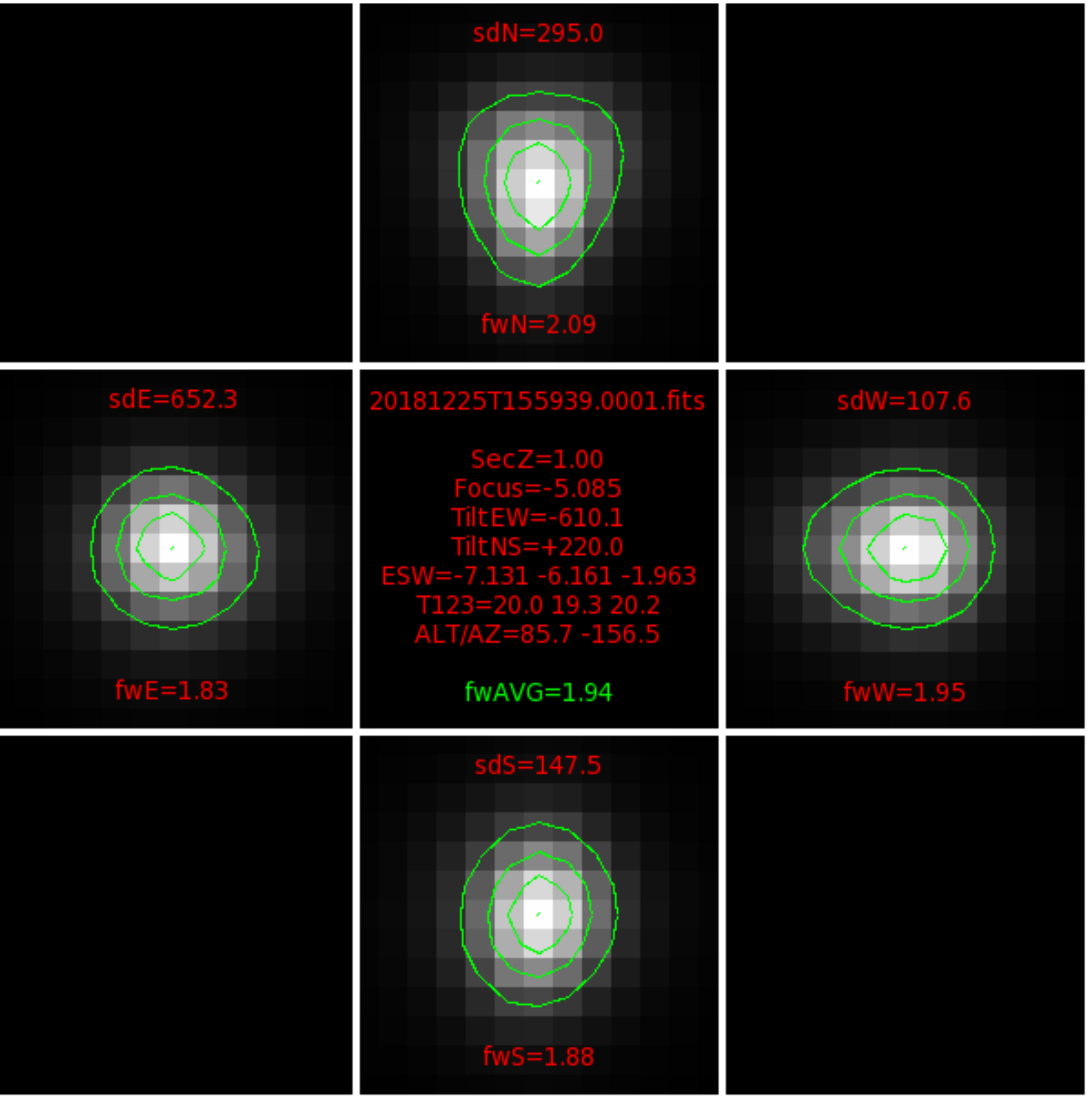

sdN=864.6
fwN=2.15
sdE=1765.4
fwE=1.84
20181225T155424.0001.fits
SecZ=1.02
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 0.0 20.3
ALT/AZ=79.5 -109.4
fwAVG=1.94
sdW=350.4
fwW=2.04
sdS=451.2
fwS=1.74
0 0 0 0 0 0 0 0 0

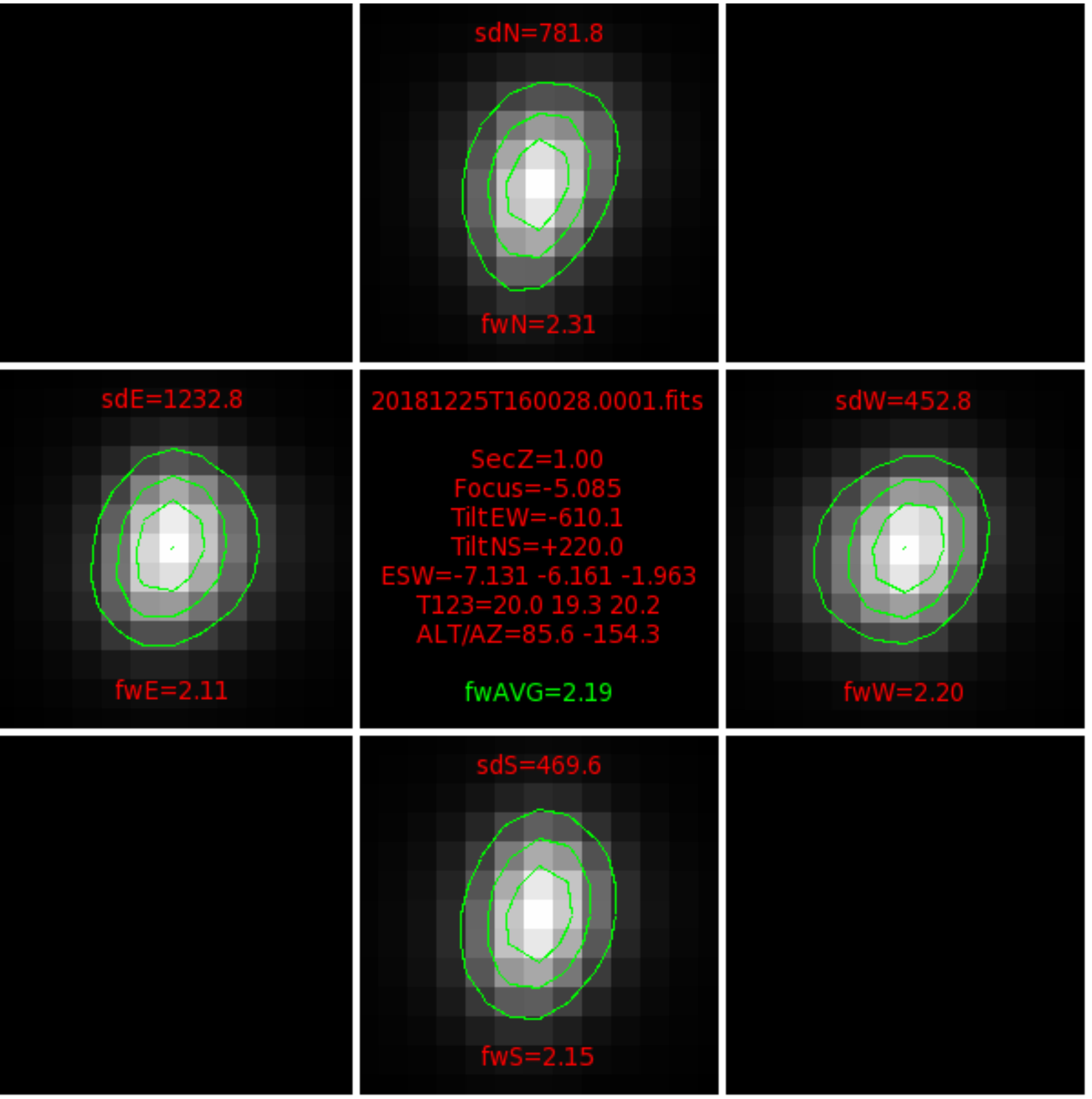

sdN=652.5
fwN=1.84
sdE=953.1
fwE=1.61
20181225T155531.0001.fits
SecZ=1.02
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=19.9 19.1 20.3
ALT/AZ=79.2 -108.8
fwAVG=1.69
sdW=209.6
fwW=1.73
sdS=288.1
fwS=1.56
0 0 0 0 0 0 0 0 0

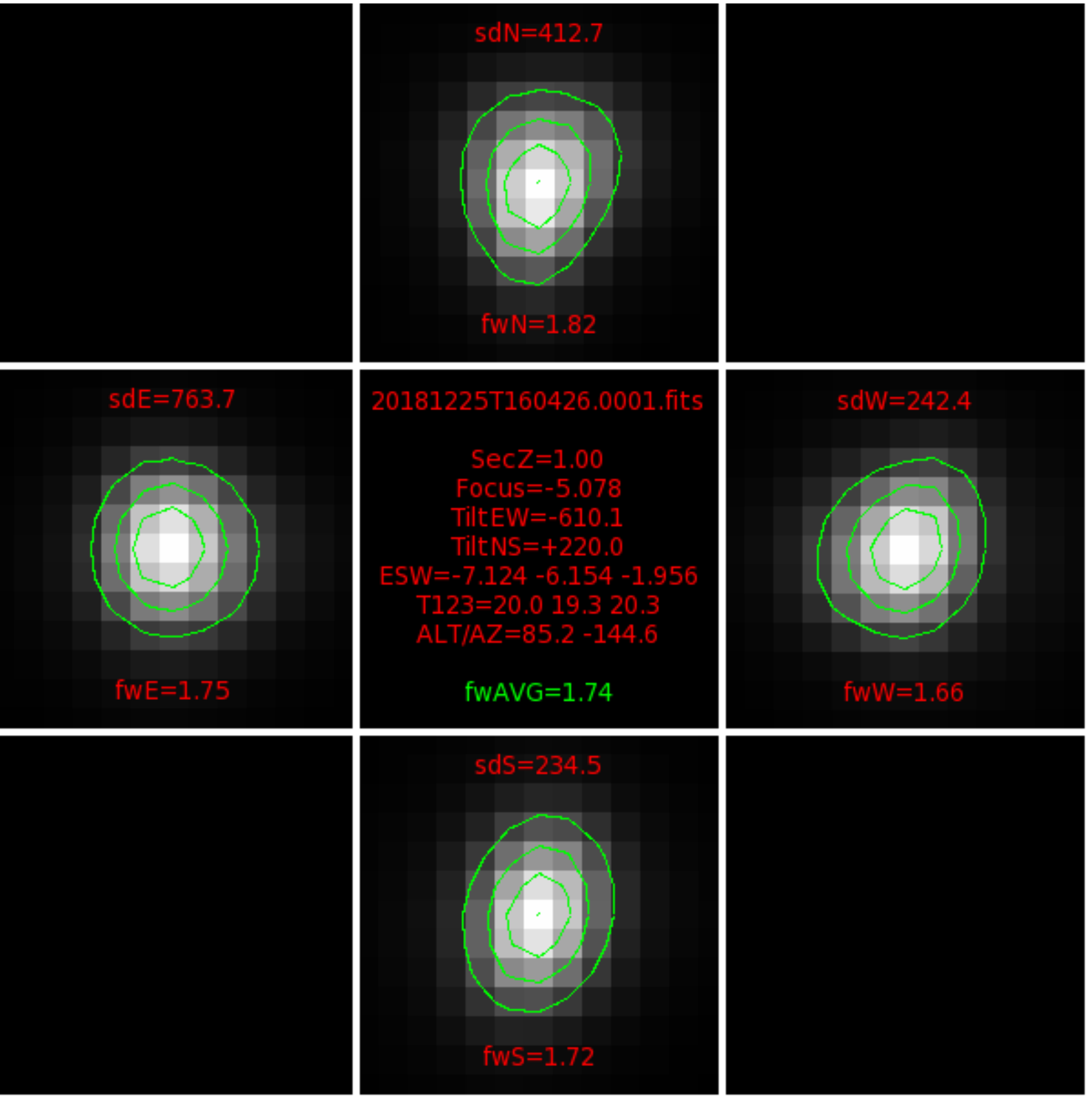

sdN=1499.4
fwN=1.82
sdE=2367.2
fwE=1.56
20181225T155632.0001.fits
SecZ=1.02
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.0 19.1 20.3
ALT/AZ=79.0 -108.3
fwAVG=1.64
sdW=872.2
fwW=1.69
sdS=919.9
fwS=1.49
0 0 0 0 0 0 0 0 0

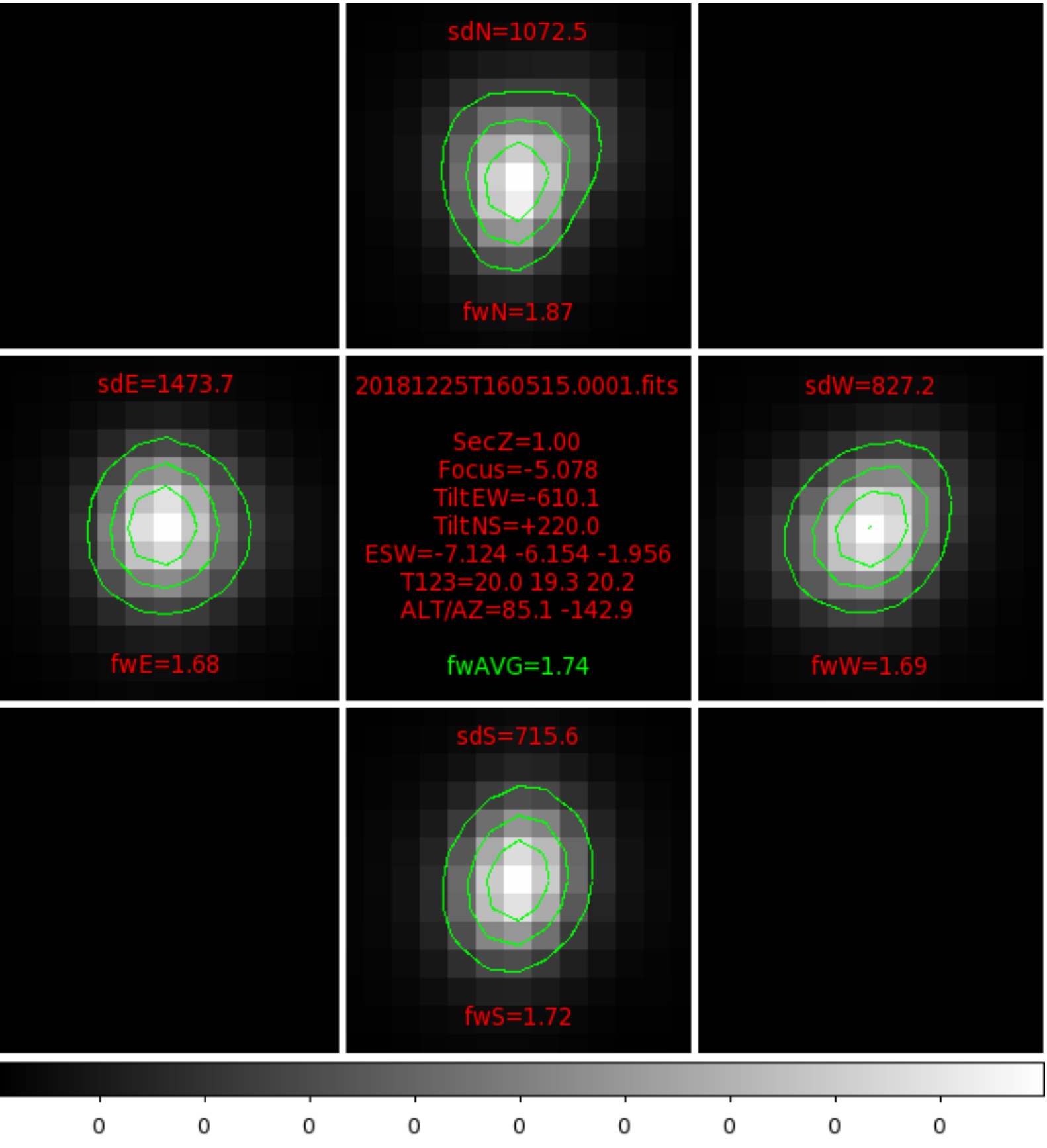

sdN=427.1
fwN=2.14
sdE=899.0
fwE=2.02
20181225T155739.0001.fits
SecZ=1.00
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.0 0.0 20.3
ALT/AZ=85.8 -162.1
fwAVG=2.05
sdW=143.7
fwW=2.12
sdS=222.2
fwS=1.93
0 0 0 0 0 0 0 0 0

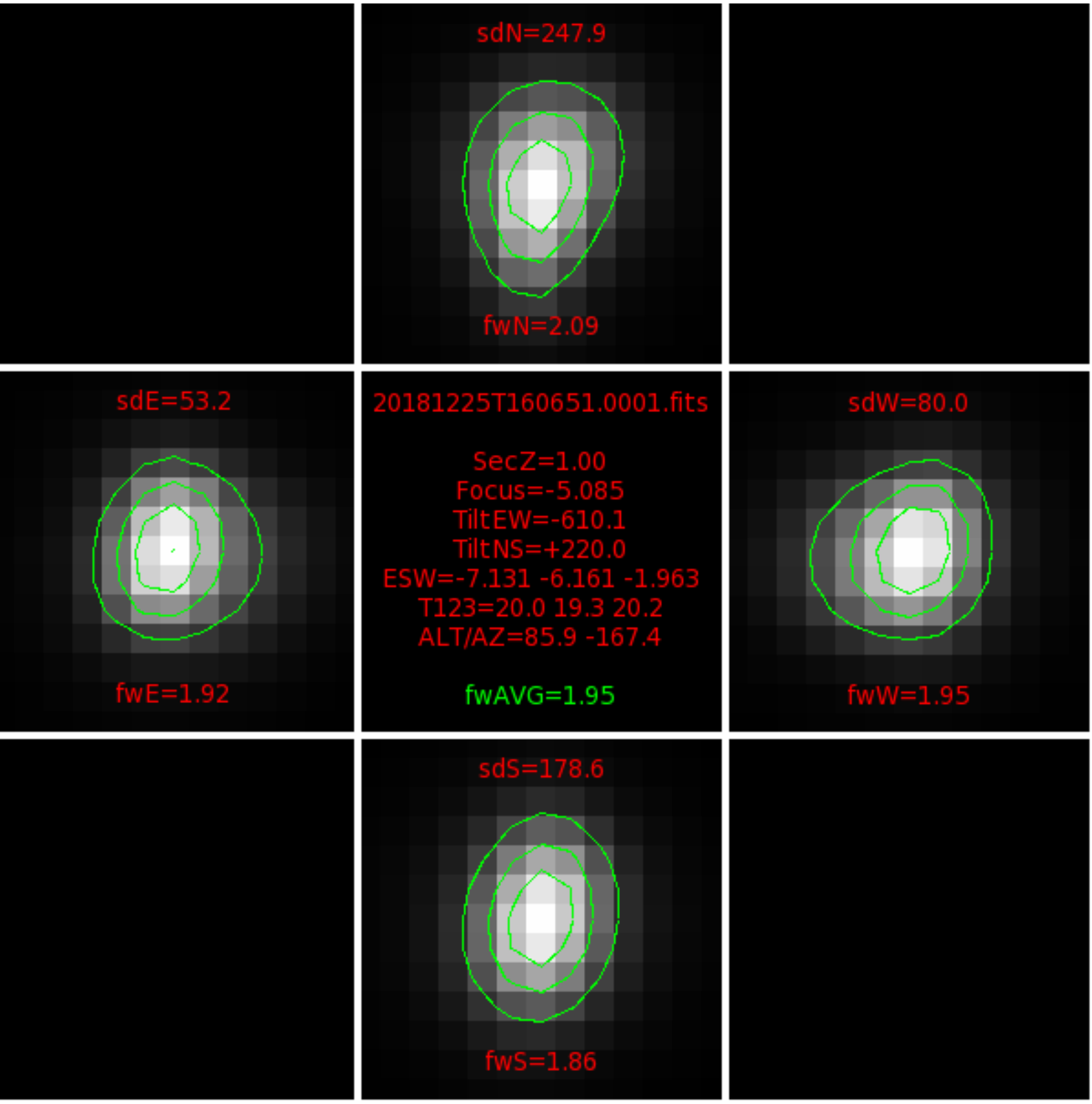

sdN=576.2
fwN=2.23
sdE=1056.8
fwE=2.01
20181225T155828.0001.fits
SecZ=1.00
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.0 19.3 20.3
ALT/AZ=85.8 -159.8
fwAVG=2.05
sdW=254.3
fwW=2.06
sdS=329.9
fwS=1.91
0 0 0 0 0 0 0 0 0

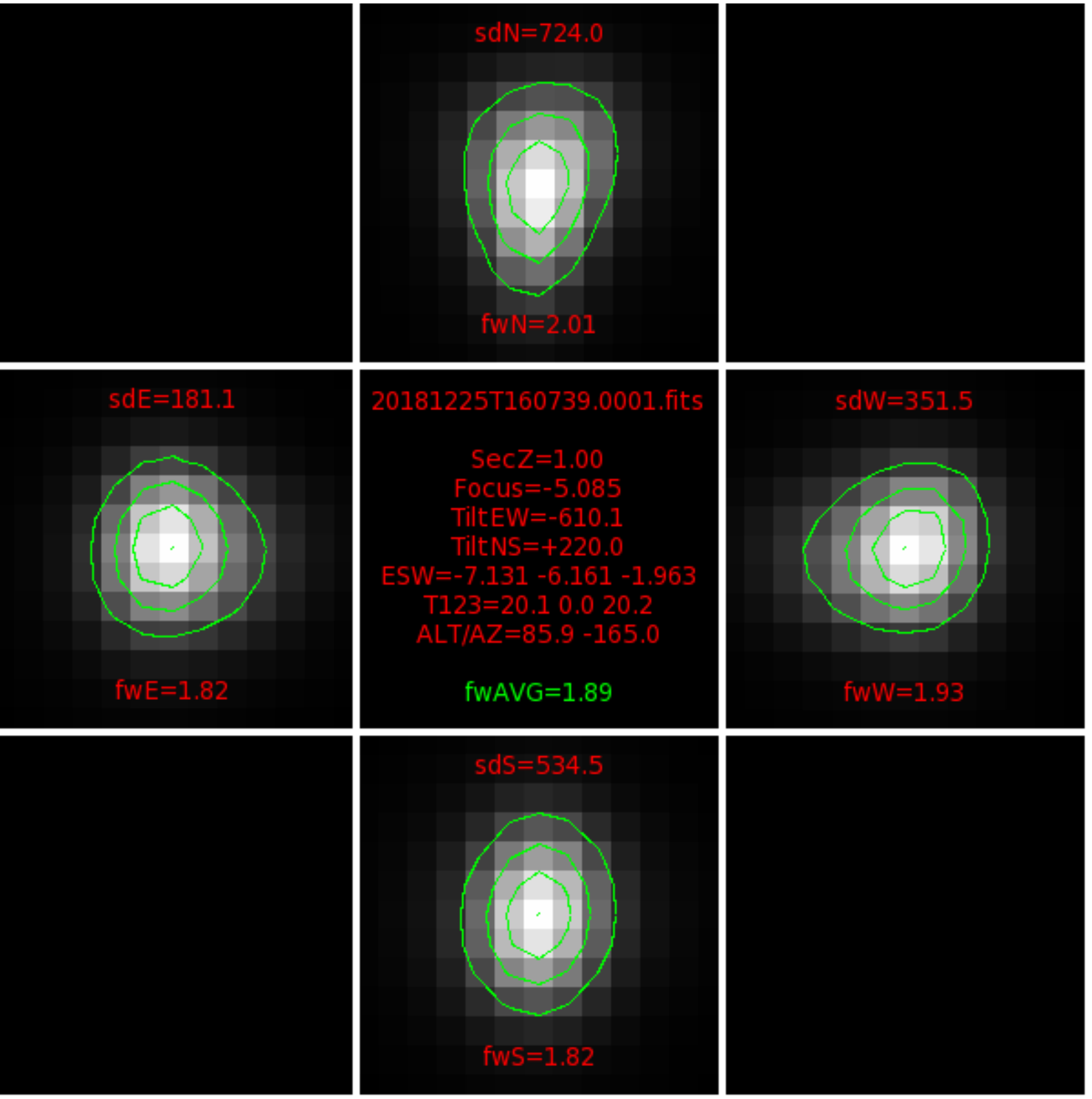

sdN=295.0
fwN=2.09
sdE=652.3
fwE=1.83
20181225T155939.0001.fits
SecZ=1.00
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.0 19.3 20.2
ALT/AZ=85.7 -156.5
fwAVG=1.94
sdW=107.6
fwW=1.95
sdS=147.5
fwS=1.88
0 0 0 0 0 0 0 0 0

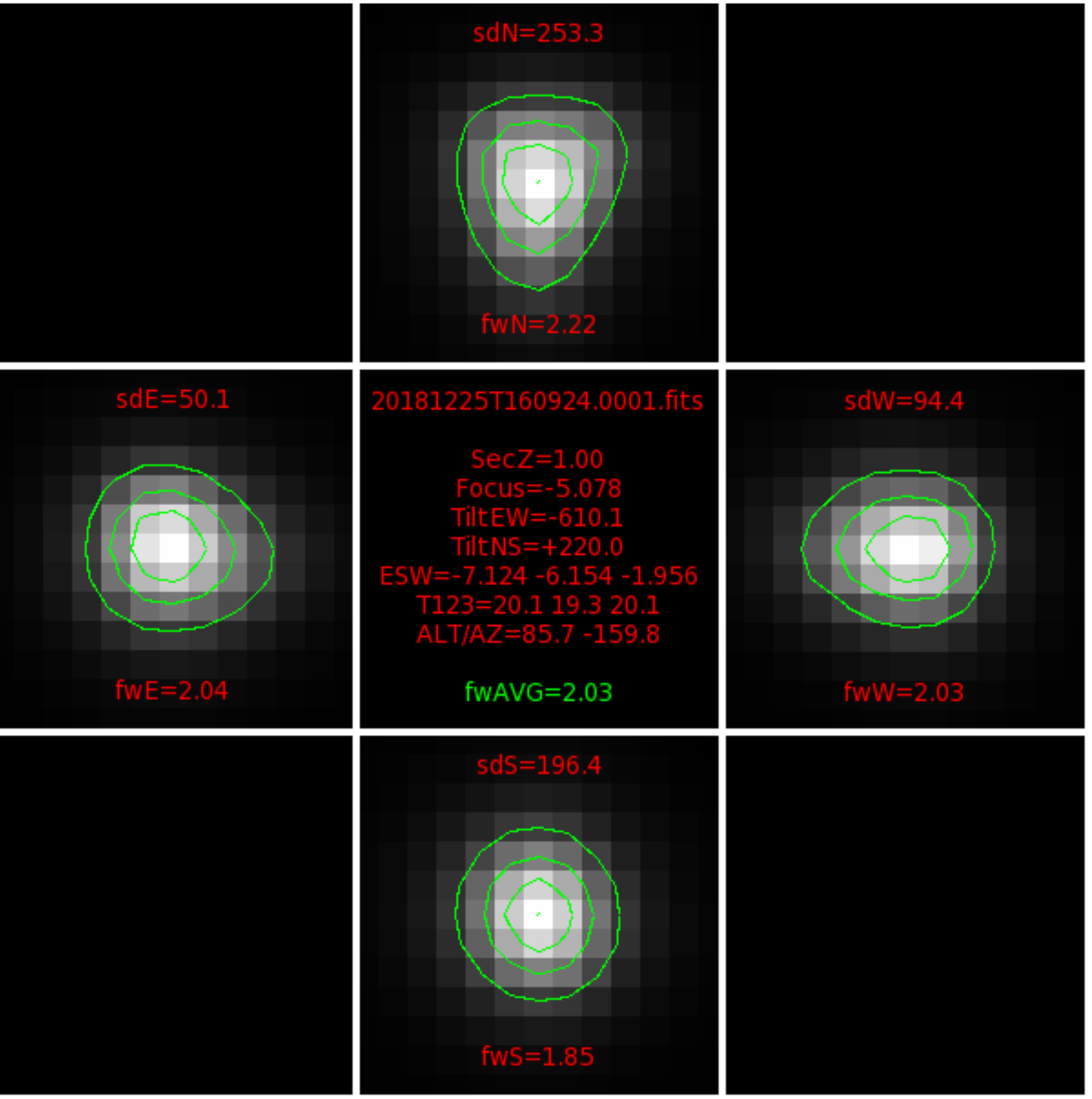

sdN=781.8
fwN=2.31
sdE=1232.8
fwE=2.11
20181225T160028.0001.fits
SecZ=1.00
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.0 19.3 20.2
ALT/AZ=85.6 -154.3
fwAVG=2.19
sdW=452.8
fwW=2.20
sdS=469.6
fwS=2.15
0 0 0 0 0 0 0 0 0

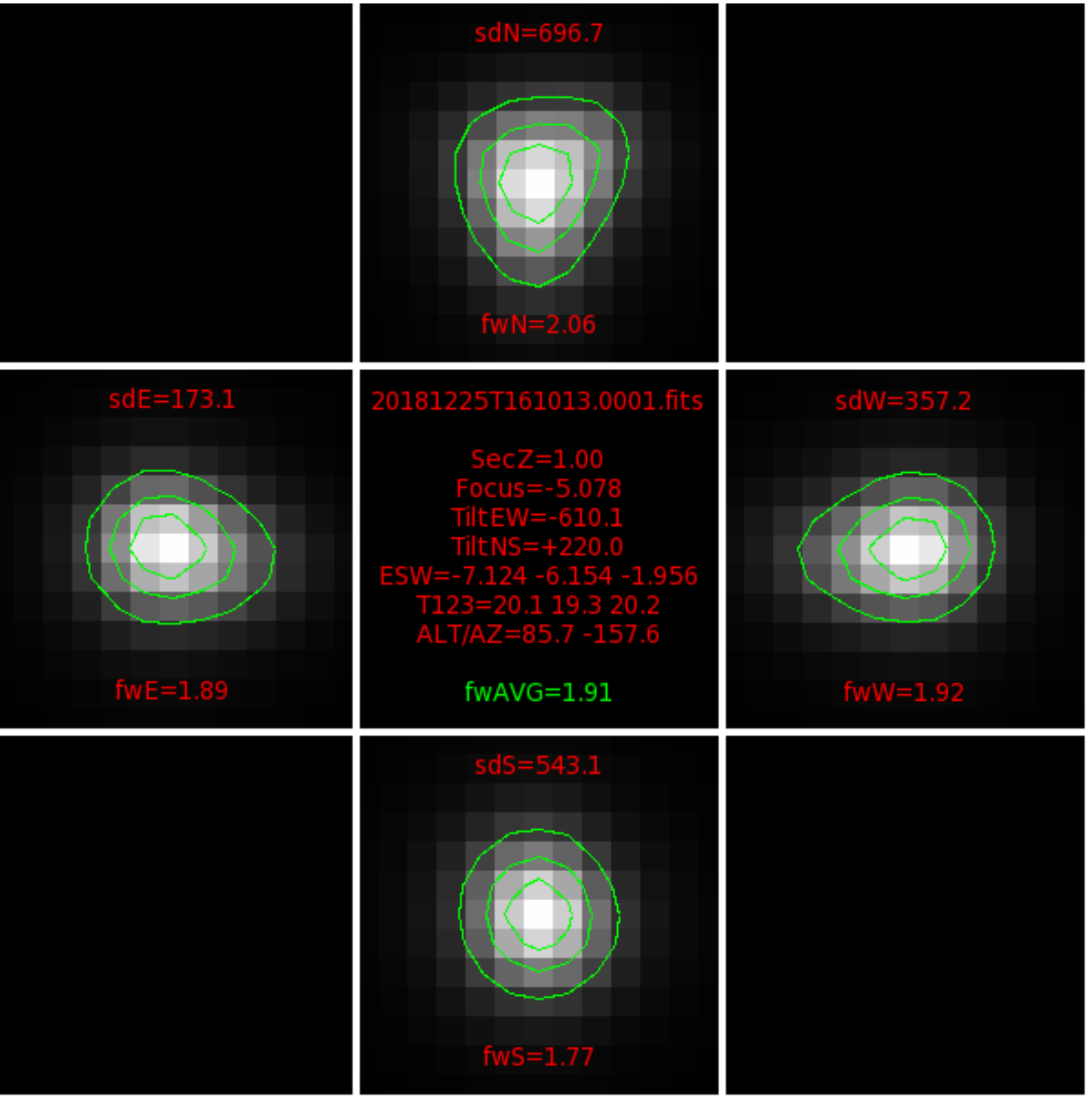

sdN=412.7
fwN=1.82
sdE=763.7
fwE=1.75
20181225T160426.0001.fits
SecZ=1.00
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.0 19.3 20.3
ALT/AZ=85.2 -144.6
fwAVG=1.74
sdW=242.4
fwW=1.66
sdS=234.5
fwS=1.72
0 0 0 0 0 0 0 0 0

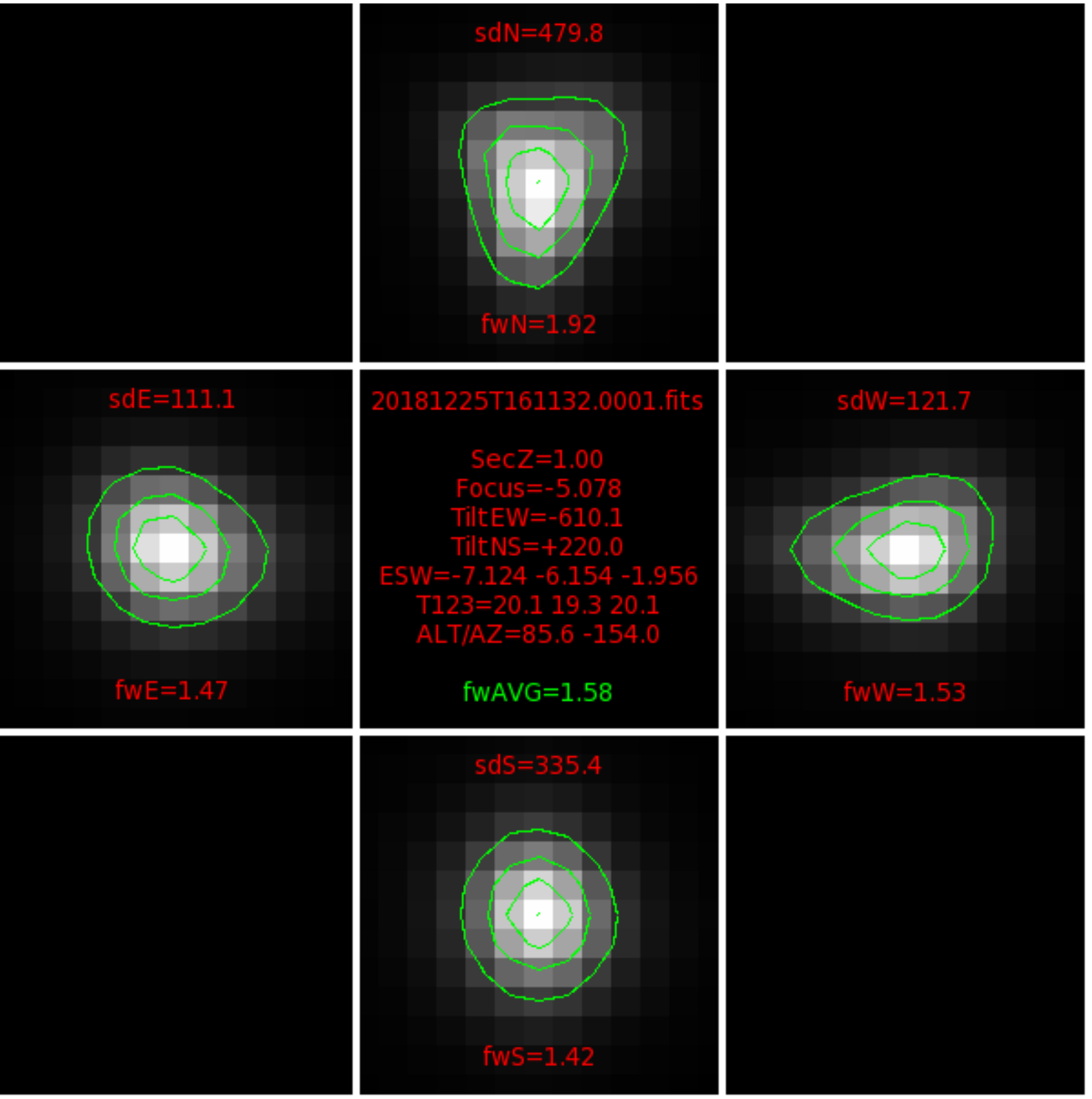

sdN=1072.5
fwN=1.87
sdE=1473.7
fwE=1.68
20181225T160515.0001.fits
SecZ=1.00
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.0 19.3 20.2
ALT/AZ=85.1 -142.9
fwAVG=1.74
sdW=827.2
fwW=1.69
sdS=715.6
fwS=1.72
0 0 0 0 0 0 0 0 0

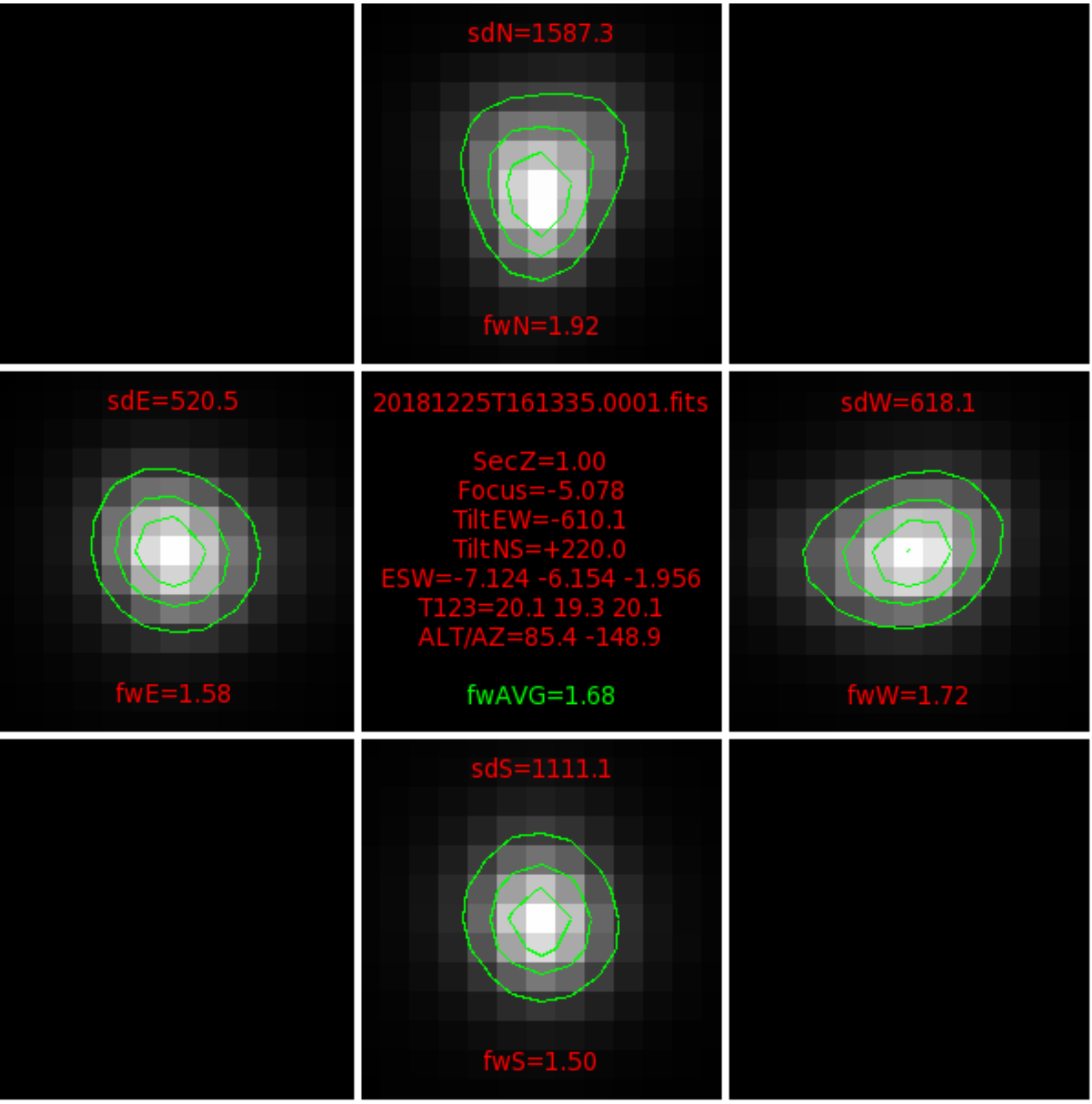

sdN=247.9
fwN=2.09
sdE=53.2
fwE=1.92
20181225T160651.0001.fits
SecZ=1.00
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.0 19.3 20.2
ALT/AZ=85.9 -167.4
fwAVG=1.95
sdW=80.0
fwW=1.95
sdS=178.6
fwS=1.86
0 0 0 0 0 0 0 0 0

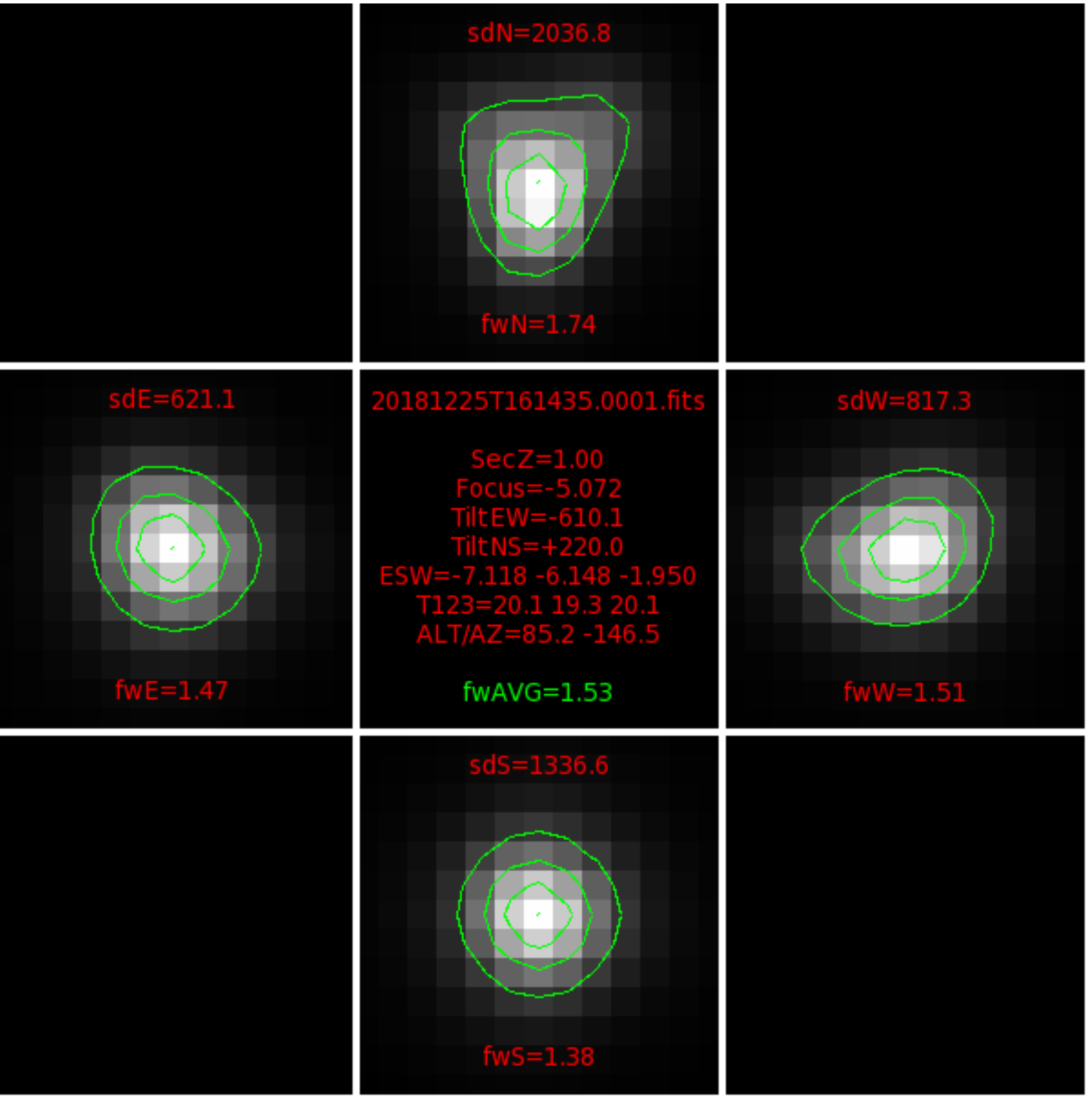

sdN=724.0
fwN=2.01
sdE=181.1
fwE=1.82
20181225T160739.0001.fits
SecZ=1.00
Focus=-5.085
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.131 -6.161 -1.963
T123=20.1 0.0 20.2
ALT/AZ=85.9 -165.0
fwAVG=1.89
sdW=351.5
fwW=1.93
sdS=534.5
fwS=1.82
0 0 0 0 0 0 0 0 0

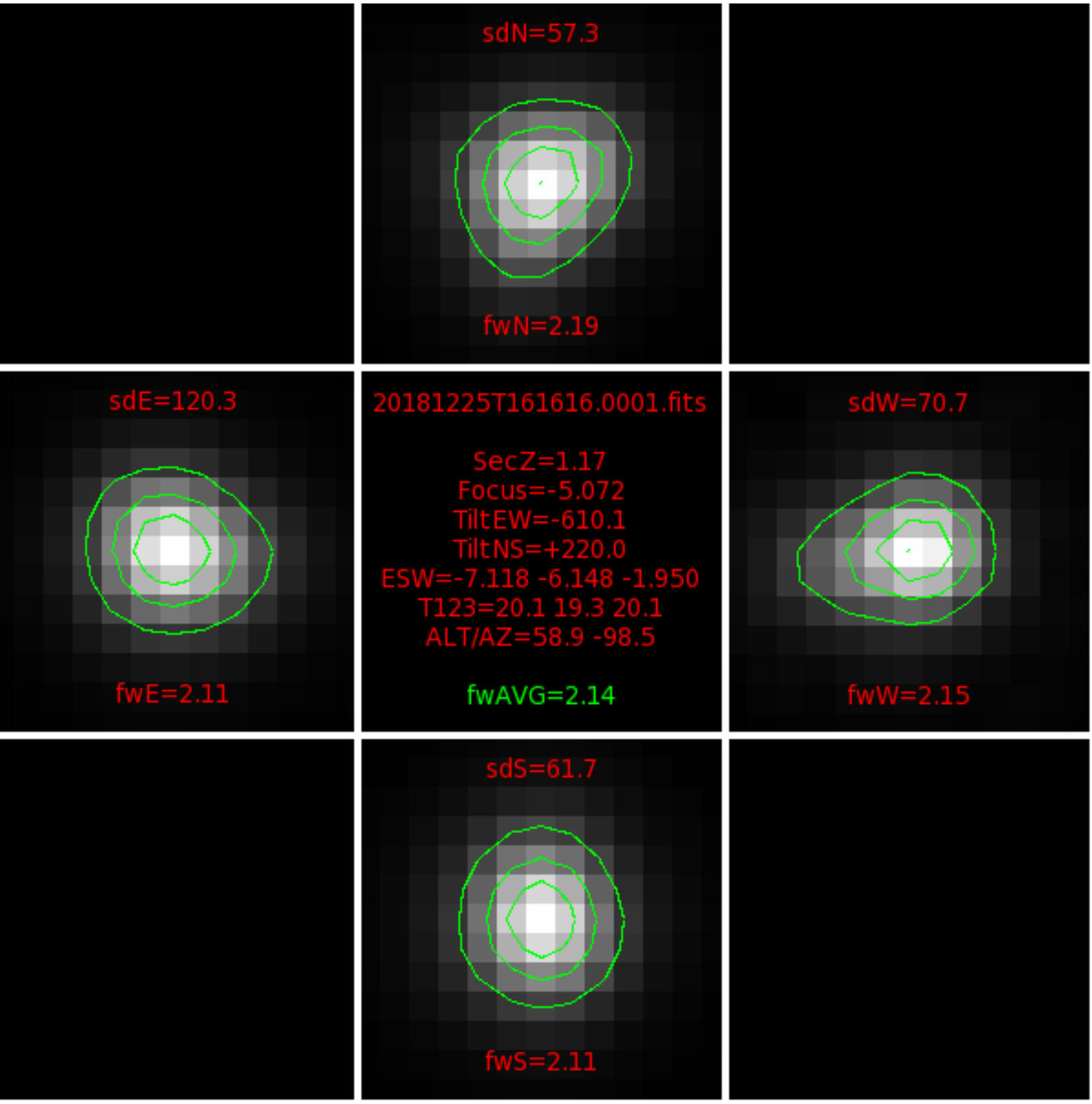

sdN=253.3
fwN=2.22
sdE=50.1
fwE=2.04
20181225T160924.0001.fits
SecZ=1.00
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.1 19.3 20.1
ALT/AZ=85.7 -159.8
fwAVG=2.03
sdW=94.4
fwW=2.03
sdS=196.4
fwS=1.85
0 0 0 0 0 0 0 0 0

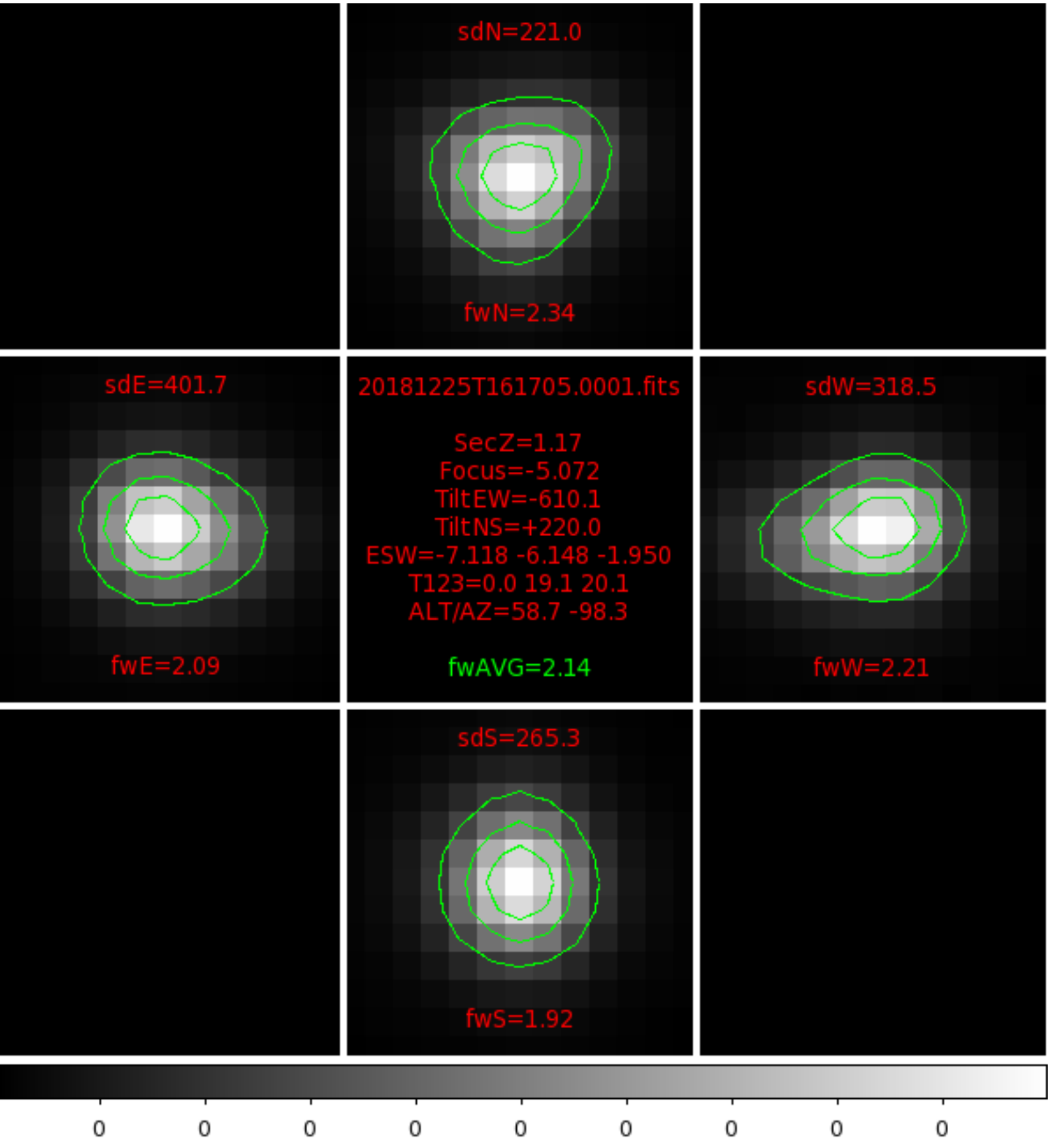

sdN=696.7
fwN=2.06
sdE=173.1
fwE=1.89
20181225T161013.0001.fits
SecZ=1.00
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.1 19.3 20.2
ALT/AZ=85.7 -157.6
fwAVG=1.91
sdW=357.2
fwW=1.92
sdS=543.1
fwS=1.77
0 0 0 0 0 0 0 0 0

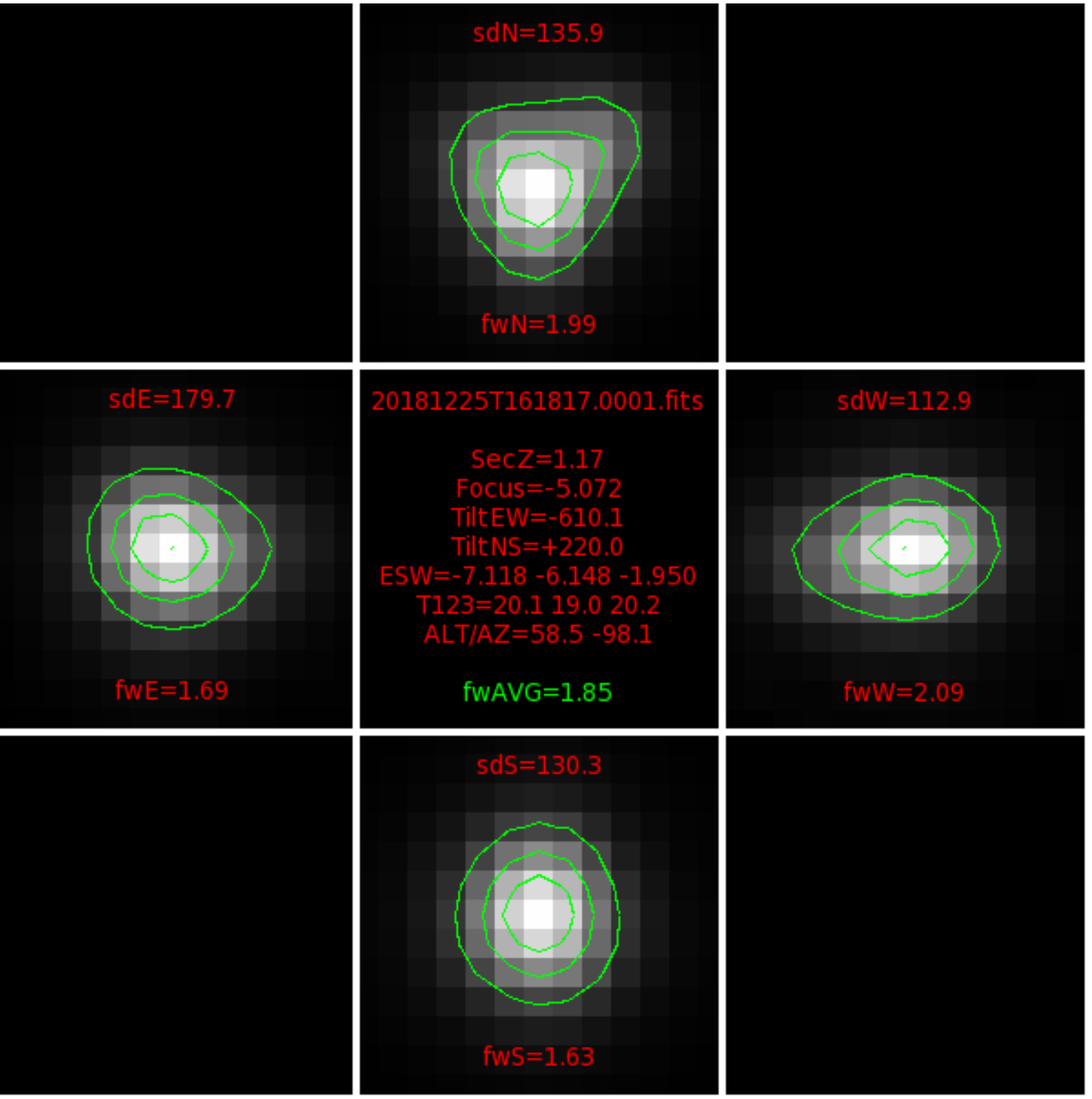

sdN=479.8
fwN=1.92
sdE=111.1
fwE=1.47
20181225T161132.0001.fits
SecZ=1.00
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.1 19.3 20.1
ALT/AZ=85.6 -154.0
fwAVG=1.58
sdW=121.7
fwW=1.53
sdS=335.4
fwS=1.42
0 0 0 0 0 0 0 0 0

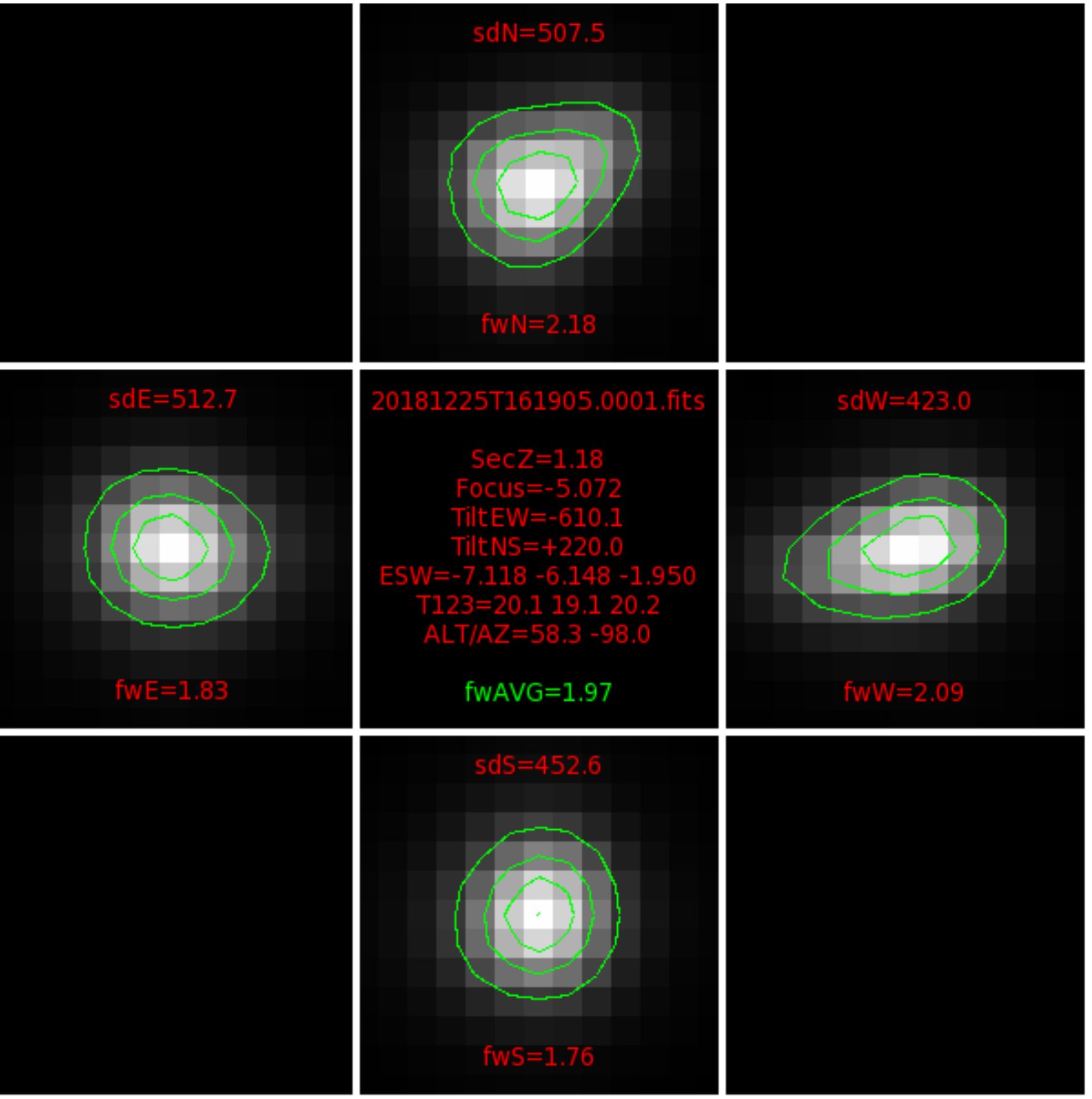

sdN=1587.3
fwN=1.92
sdE=520.5
fwE=1.58
20181225T161335.0001.fits
SecZ=1.00
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.1 19.3 20.1
ALT/AZ=85.4 -148.9
fwAVG=1.68
sdW=618.1
fwW=1.72
sdS=1111.1
fwS=1.50
0 0 0 0 0 0 0 0 0

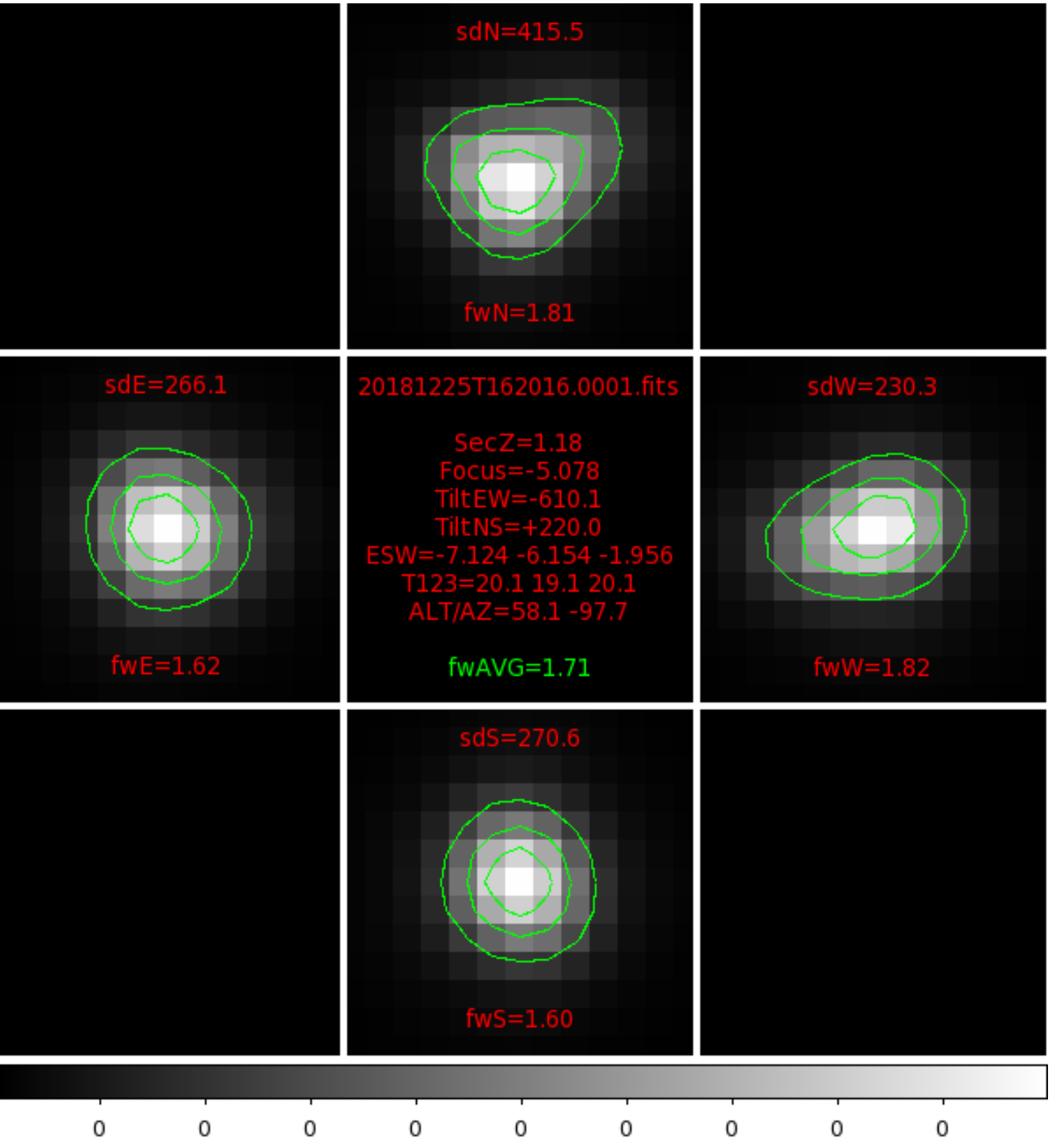

sdN=2036.8
fwN=1.74
sdE=621.1
fwE=1.47
20181225T161435.0001.fits
SecZ=1.00
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.1 19.3 20.1
ALT/AZ=85.2 -146.5
fwAVG=1.53
sdW=817.3
fwW=1.51
sdS=1336.6
fwS=1.38
0 0 0 0 0 0 0 0 0

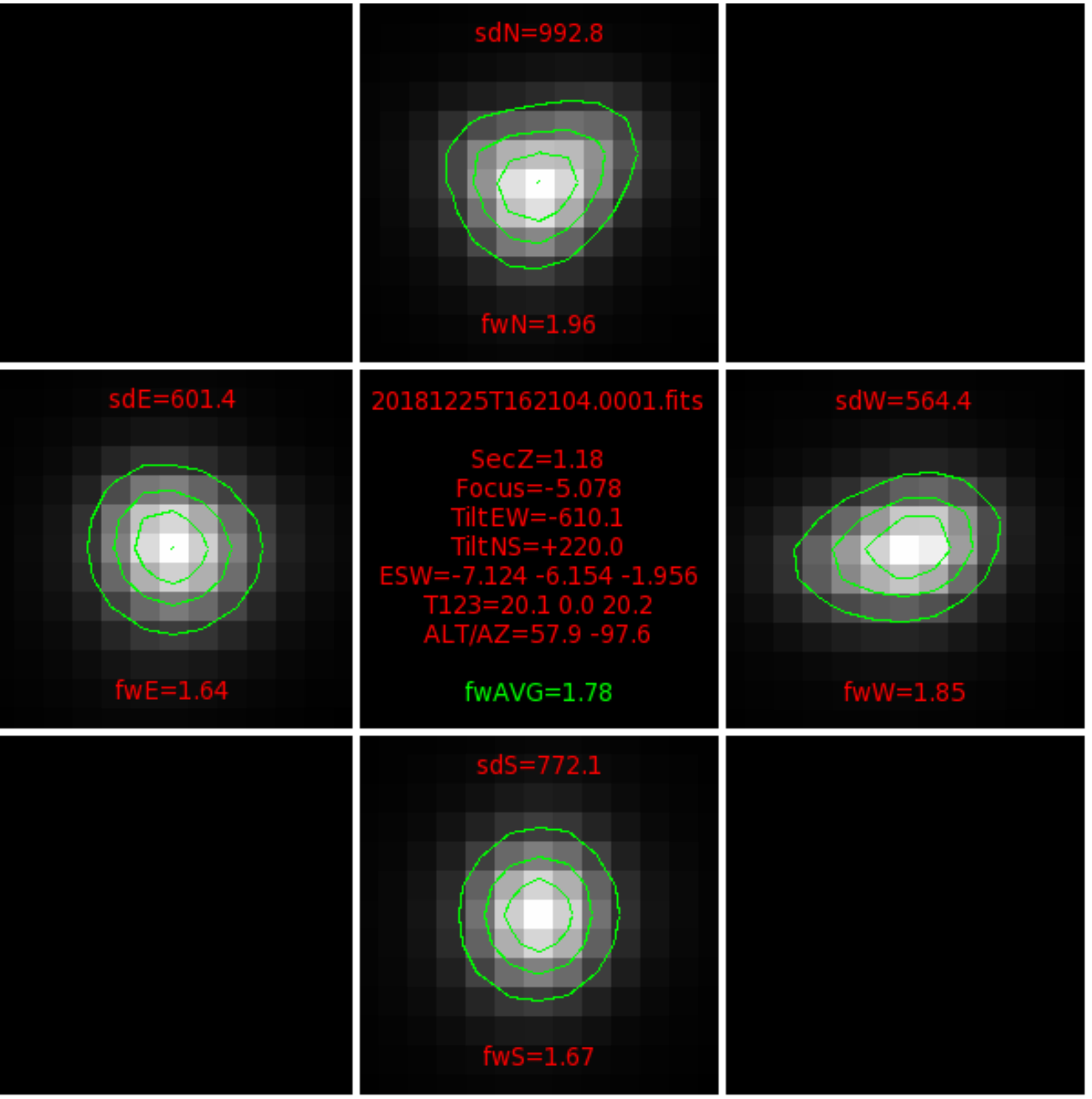

sdN=57.3
fwN=2.19
sdE=120.3
fwE=2.11
20181225T161616.0001.fits
SecZ=1.17
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.1 19.3 20.1
ALT/AZ=58.9 -98.5
fwAVG=2.14
sdW=70.7
fwW=2.15
sdS=61.7
fwS=2.11
0 0 0 0 0 0 0 0 0

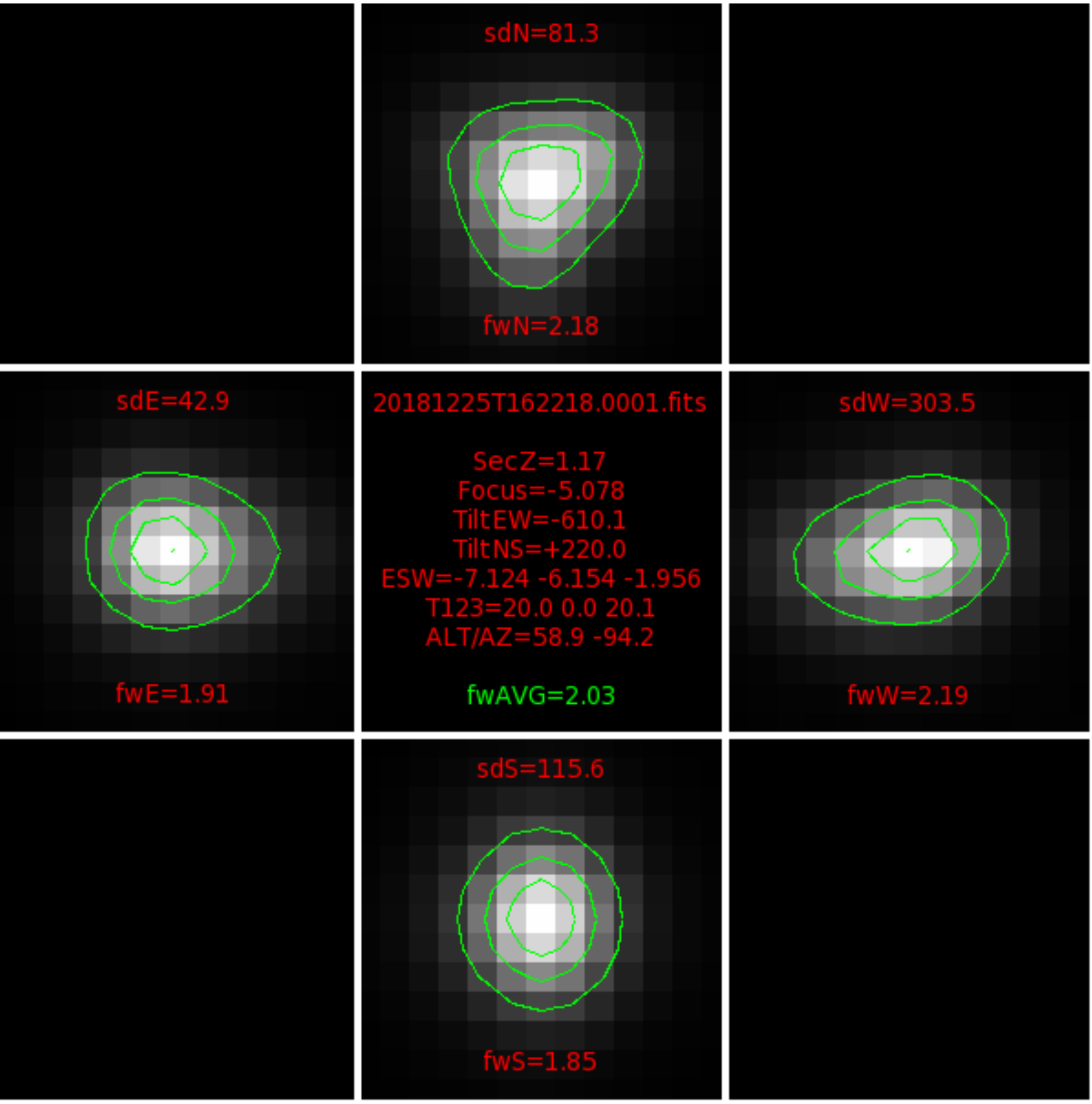

sdN=221.0
fwN=2.34
sdE=401.7
fwE=2.09
20181225T161705.0001.fits
SecZ=1.17
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=0.0 19.1 20.1
ALT/AZ=58.7 -98.3
fwAVG=2.14
sdW=318.5
fwW=2.21
sdS=265.3
fwS=1.92
0 0 0 0 0 0 0 0 0

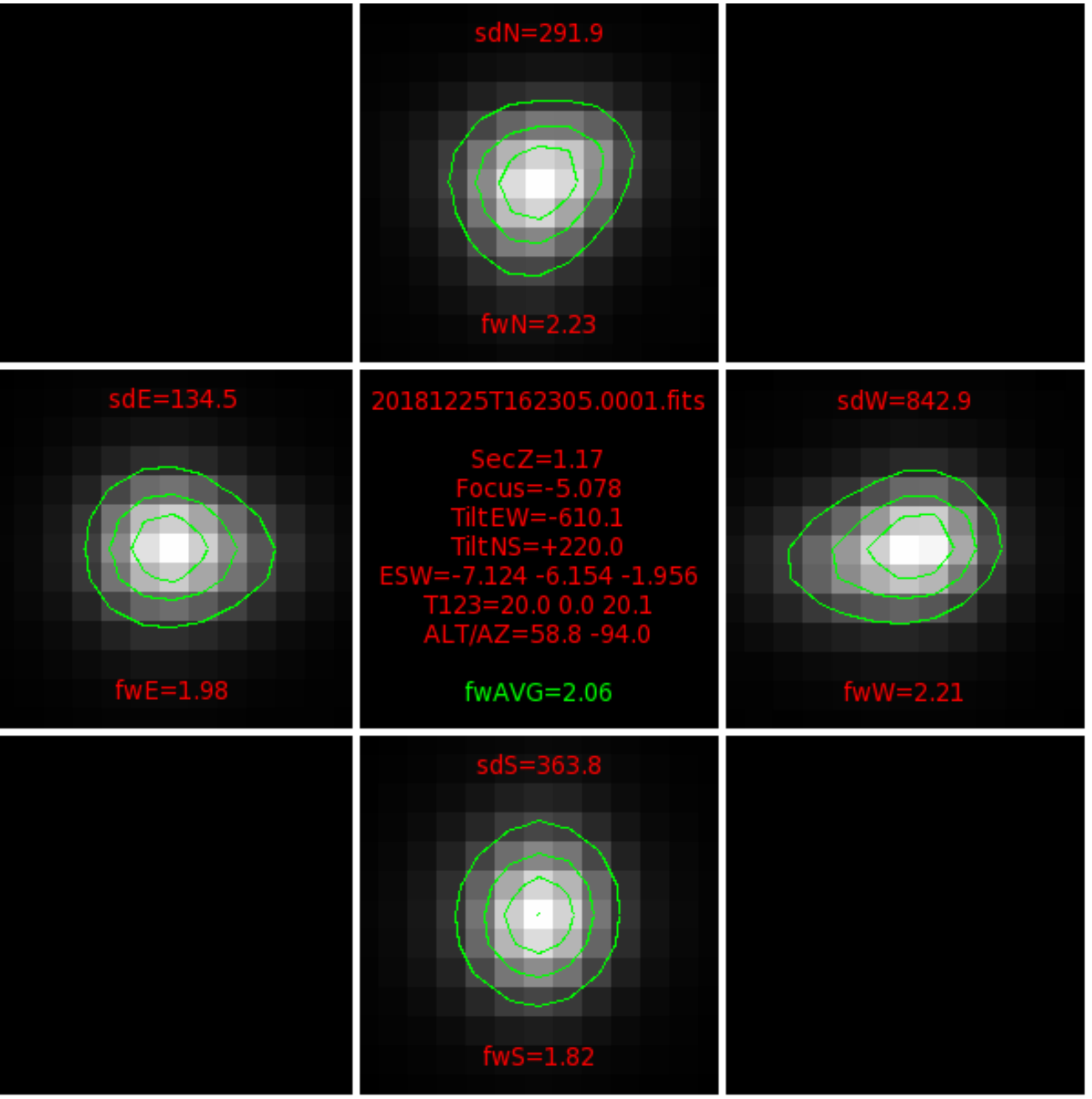

sdN=135.9
fwN=1.99
sdE=179.7
fwE=1.69
20181225T161817.0001.fits
SecZ=1.17
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.1 19.0 20.2
ALT/AZ=58.5 -98.1
fwAVG=1.85
sdW=112.9
fwW=2.09
sdS=130.3
fwS=1.63
0 0 0 0 0 0 0 0 0

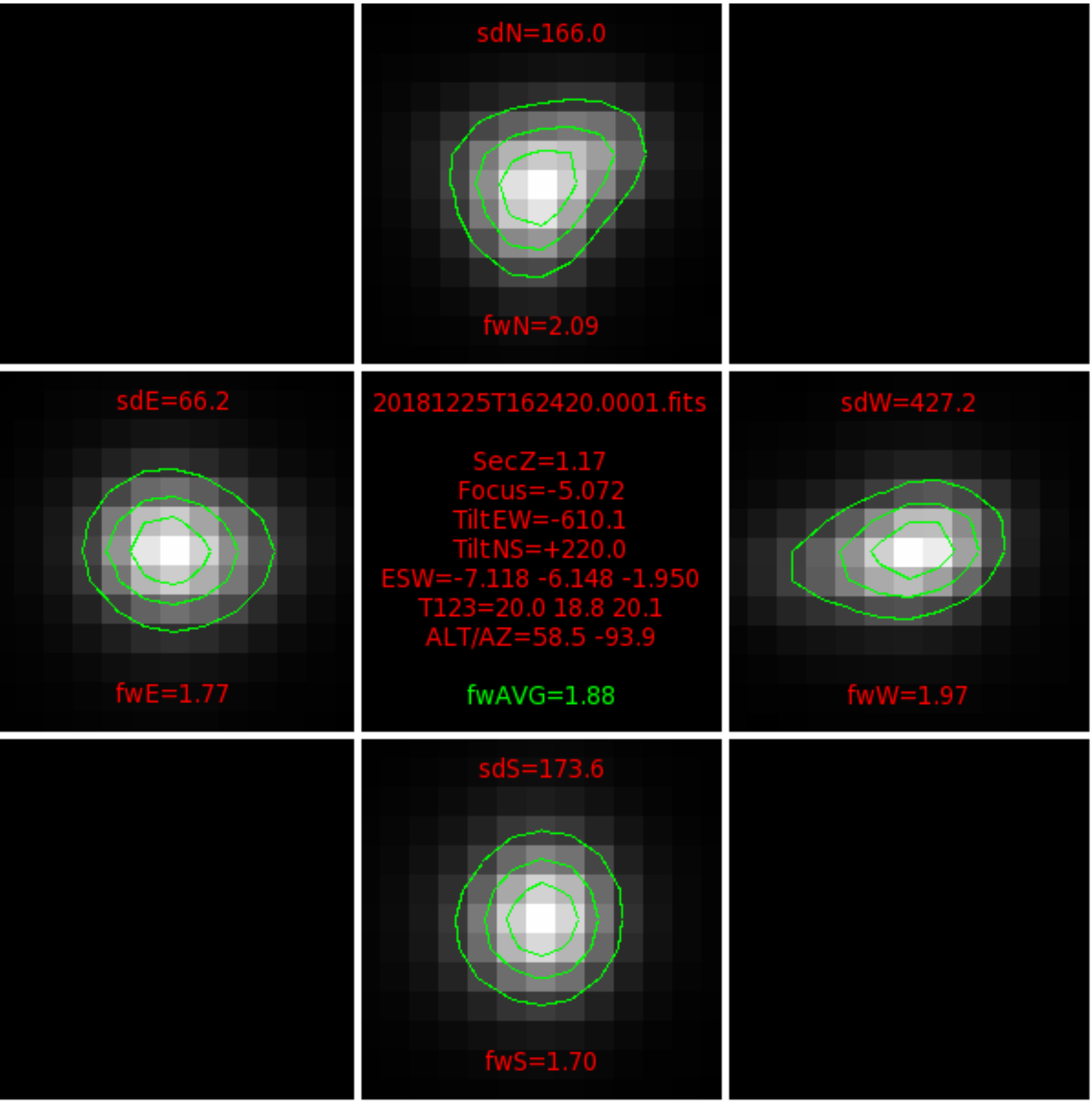

sdN=507.5
fwN=2.18
sdE=512.7
fwE=1.83
20181225T161905.0001.fits
SecZ=1.18
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.1 19.1 20.2
ALT/AZ=58.3 -98.0
fwAVG=1.97
sdW=423.0
fwW=2.09
sdS=452.6
fwS=1.76
0 0 0 0 0 0 0 0 0

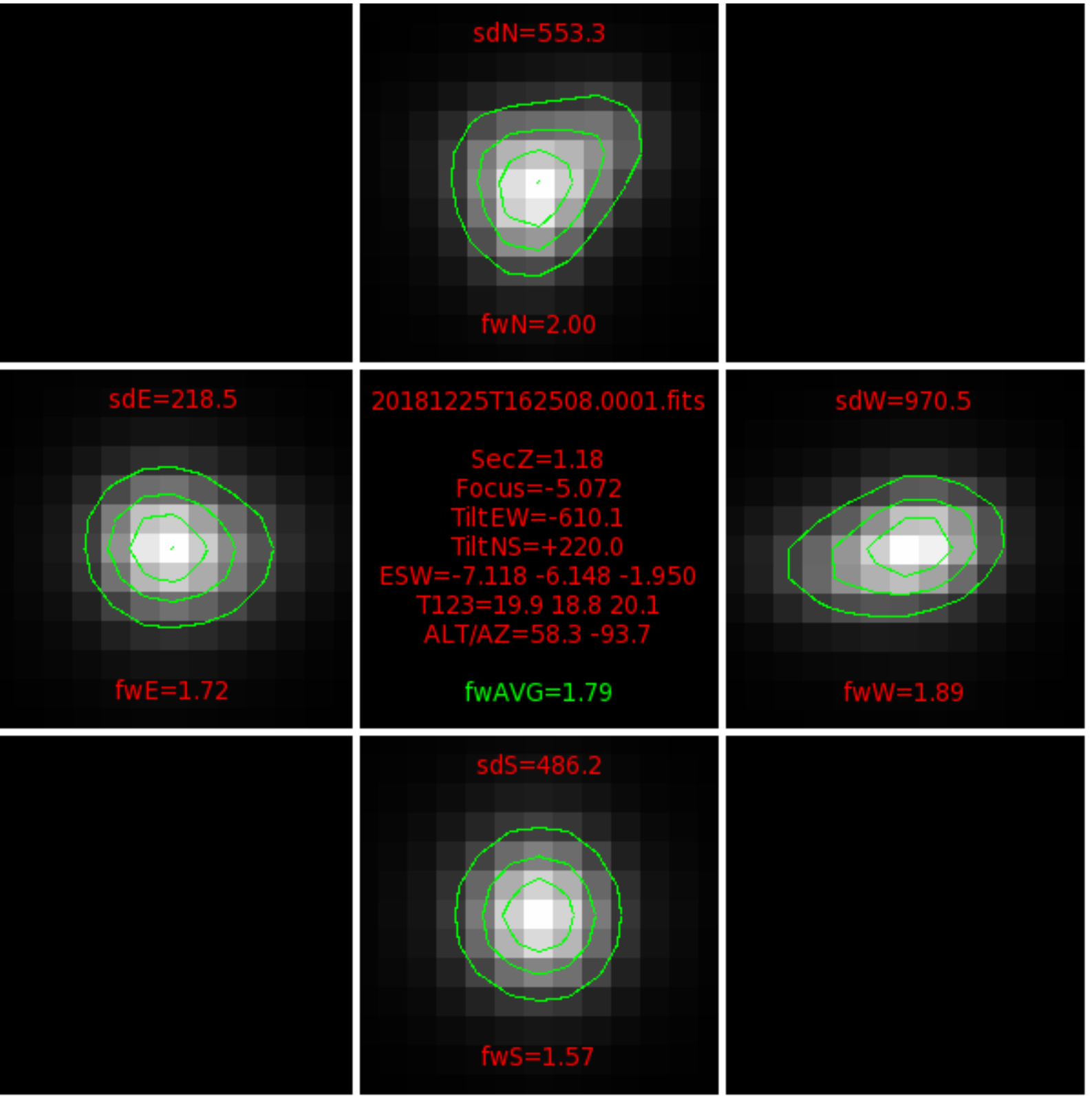

sdN=415.5
fwN=1.81
sdE=266.1
fwE=1.62
20181225T162016.0001.fits
SecZ=1.18
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.1 19.1 20.1
ALT/AZ=58.1 -97.7
fwAVG=1.71
sdW=230.3
fwW=1.82
sdS=270.6
fwS=1.60
0 0 0 0 0 0 0 0 0

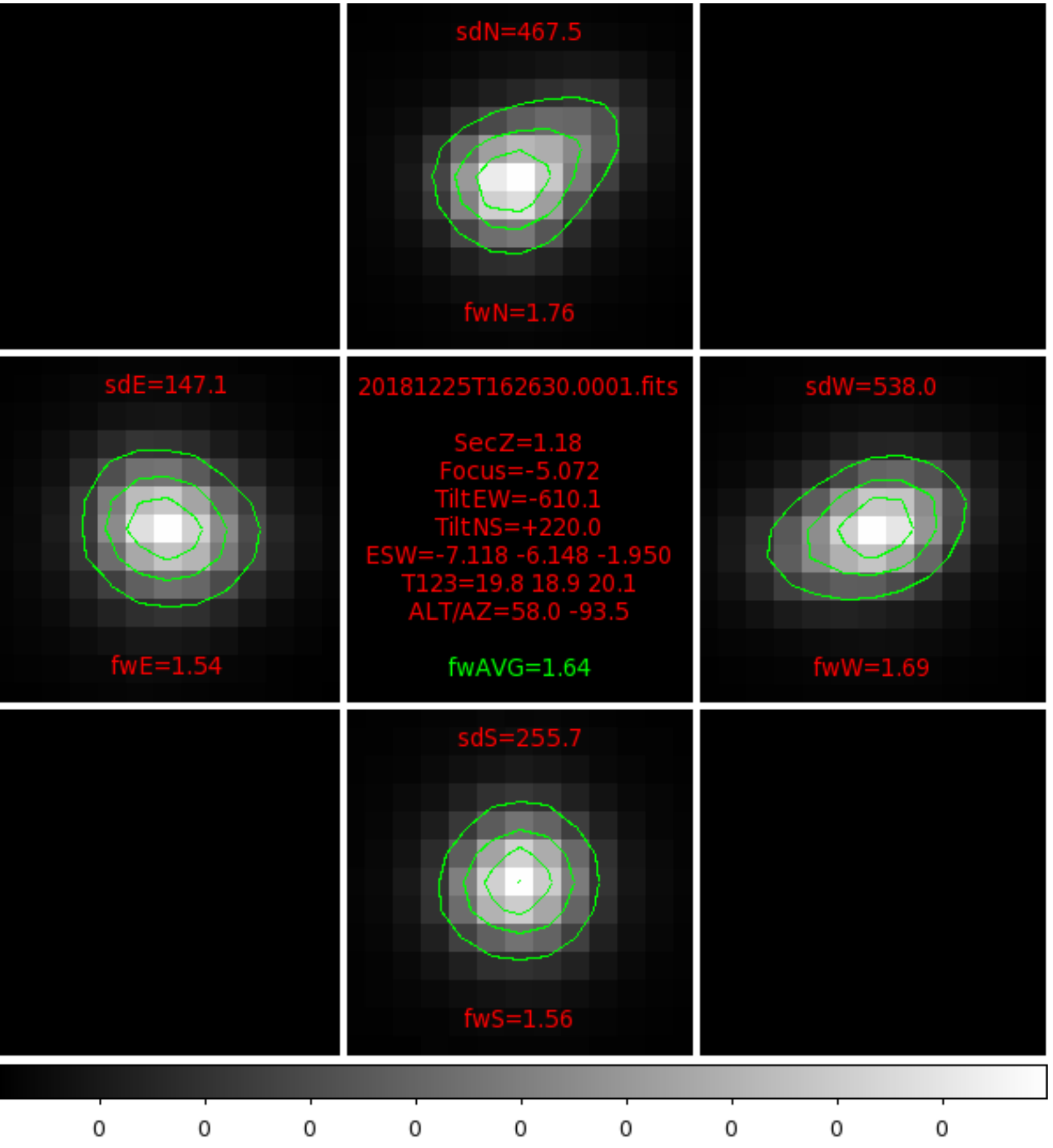

sdN=992.8
fwN=1.96
sdE=601.4
fwE=1.64
20181225T162104.0001.fits
SecZ=1.18
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.1 0.0 20.2
ALT/AZ=57.9 -97.6
fwAVG=1.78
sdW=564.4
fwW=1.85
sdS=772.1
fwS=1.67
0 0 0 0 0 0 0 0 0

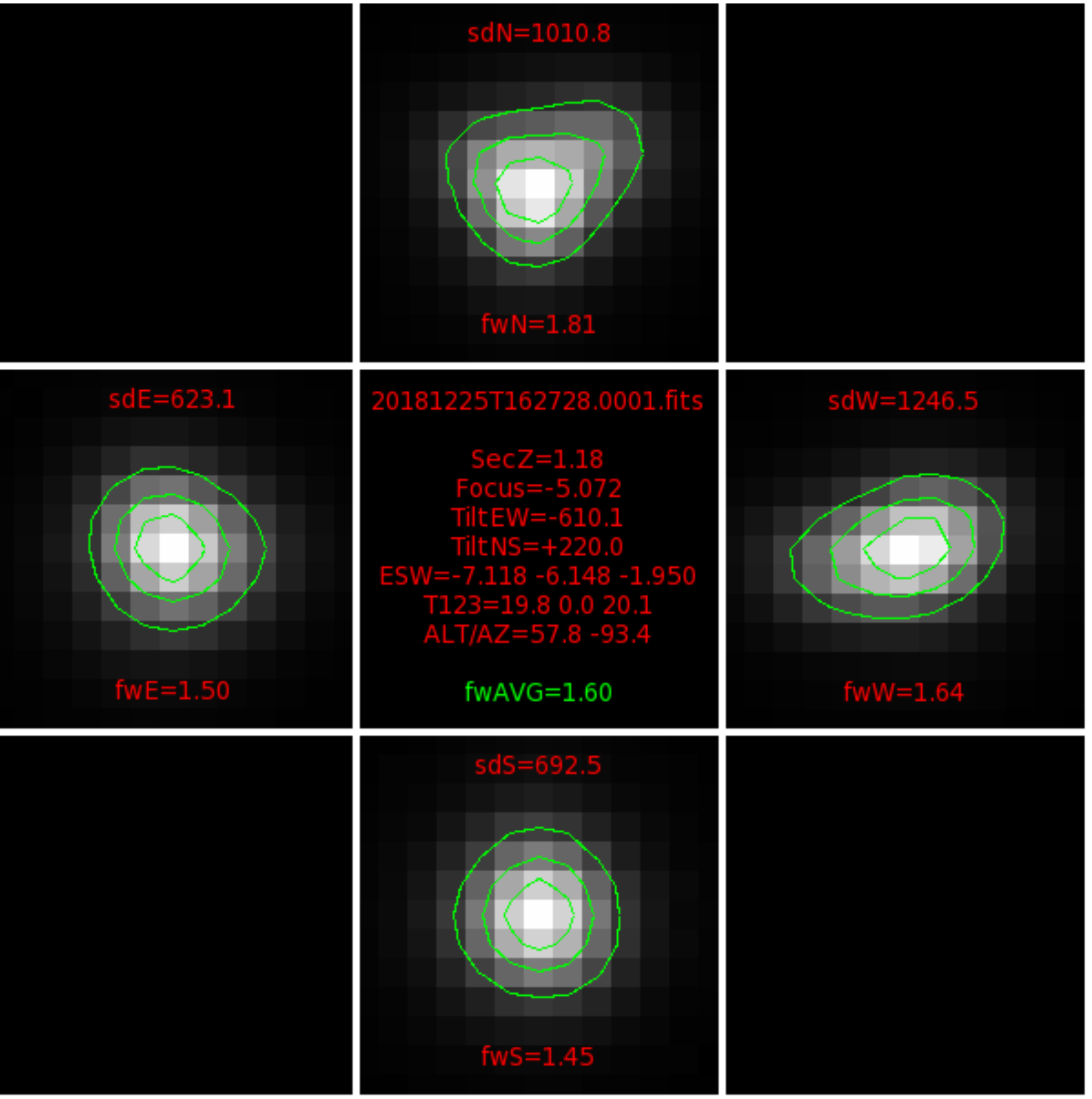

sdN=81.3
fwN=2.18
sdE=42.9
fwE=1.91
20181225T162218.0001.fits
SecZ=1.17
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.0 0.0 20.1
ALT/AZ=58.9 -94.2
fwAVG=2.03
sdW=303.5
fwW=2.19
sdS=115.6
fwS=1.85
0 0 0 0 0 0 0 0 0

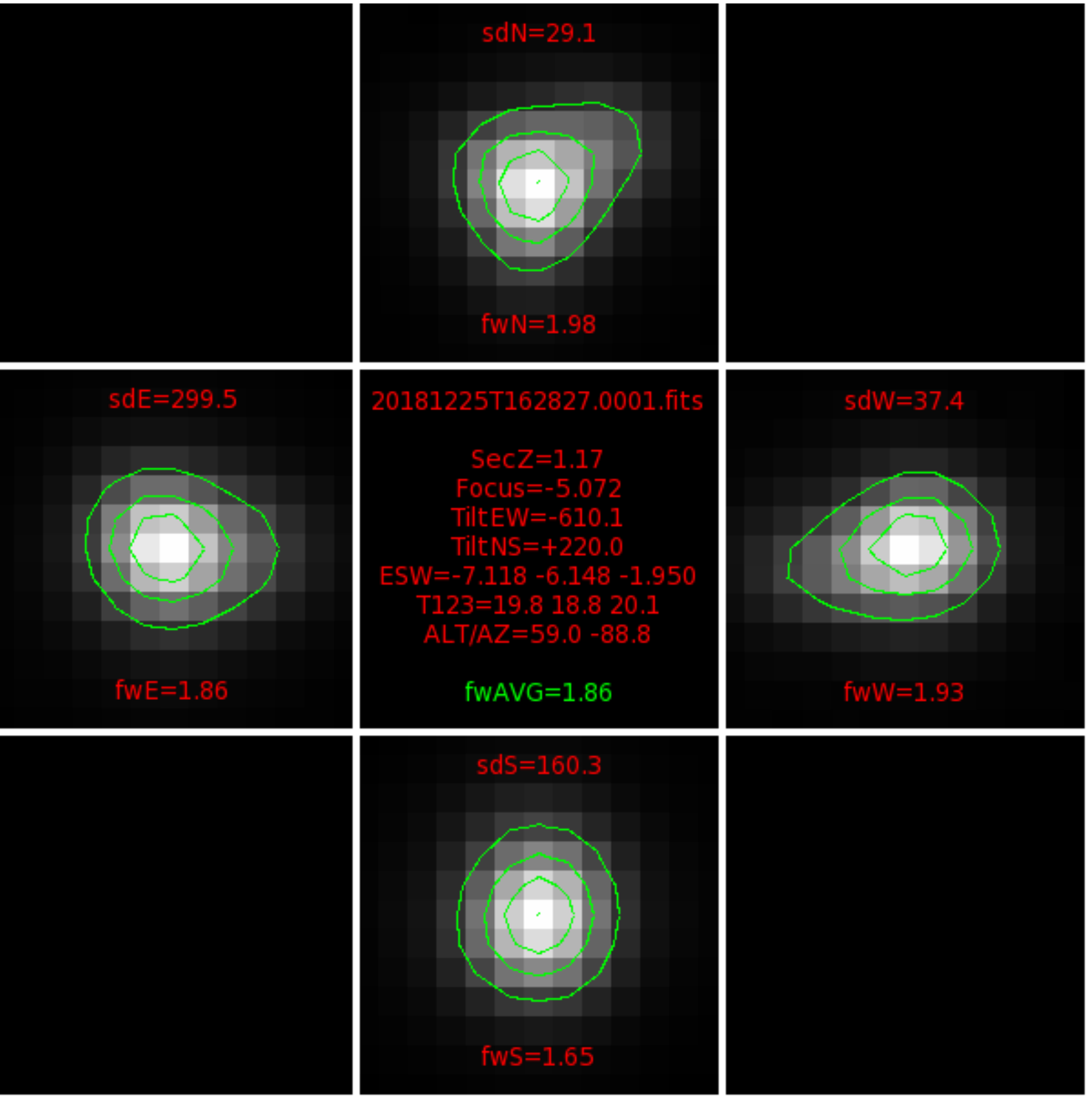

sdN=291.9
fwN=2.23
sdE=134.5
fwE=1.98
20181225T162305.0001.fits
SecZ=1.17
Focus=-5.078
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.124 -6.154 -1.956
T123=20.0 0.0 20.1
ALT/AZ=58.8 -94.0
fwAVG=2.06
sdW=842.9
fwW=2.21
sdS=363.8
fwS=1.82
0 0 0 0 0 0 0 0 0

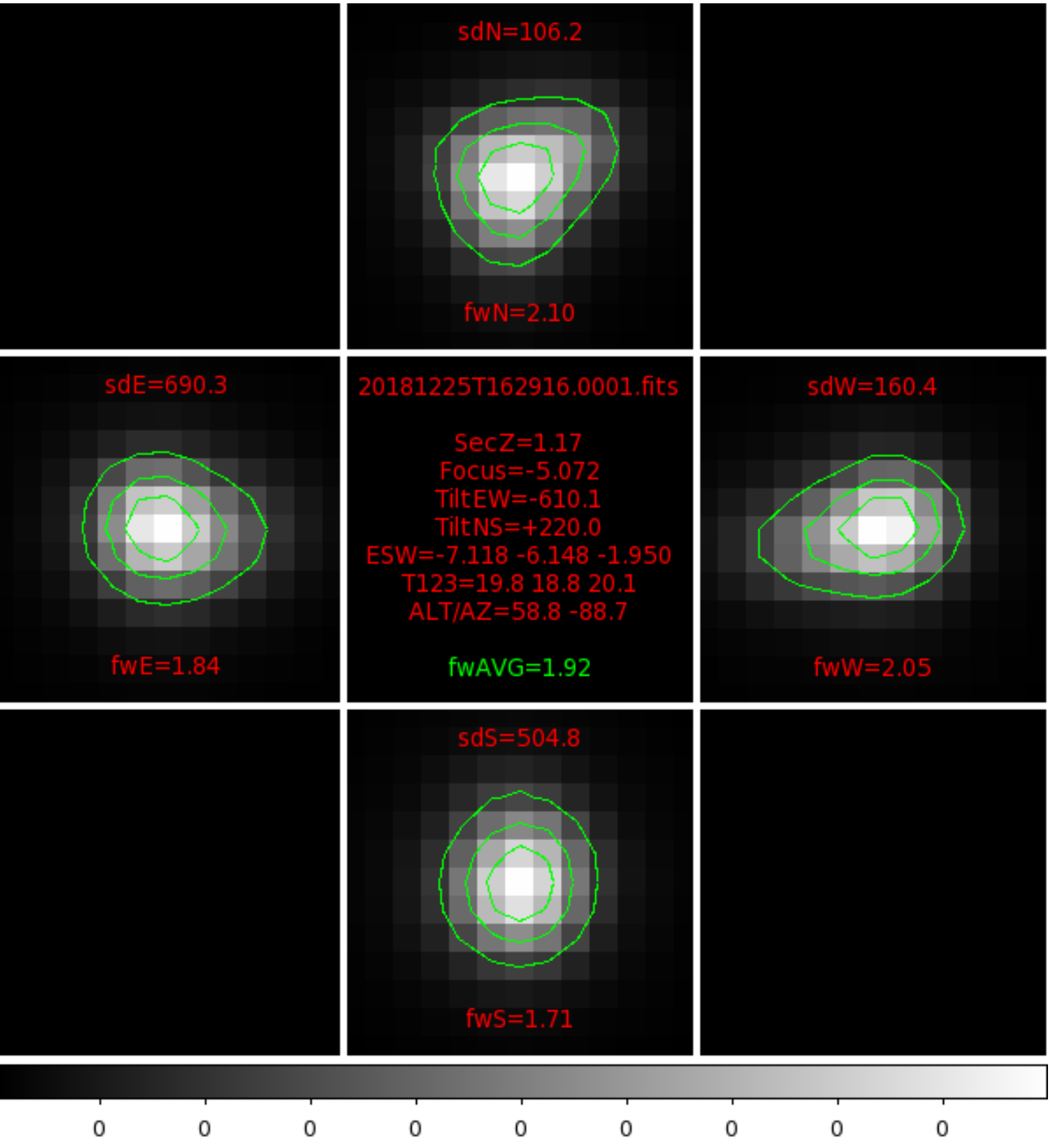

sdN=166.0
fwN=2.09
sdE=66.2
fwE=1.77
20181225T162420.0001.fits
SecZ=1.17
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=20.0 18.8 20.1
ALT/AZ=58.5 -93.9
fwAVG=1.88
sdW=427.2
fwW=1.97
sdS=173.6
fwS=1.70
0 0 0 0 0 0 0 0 0

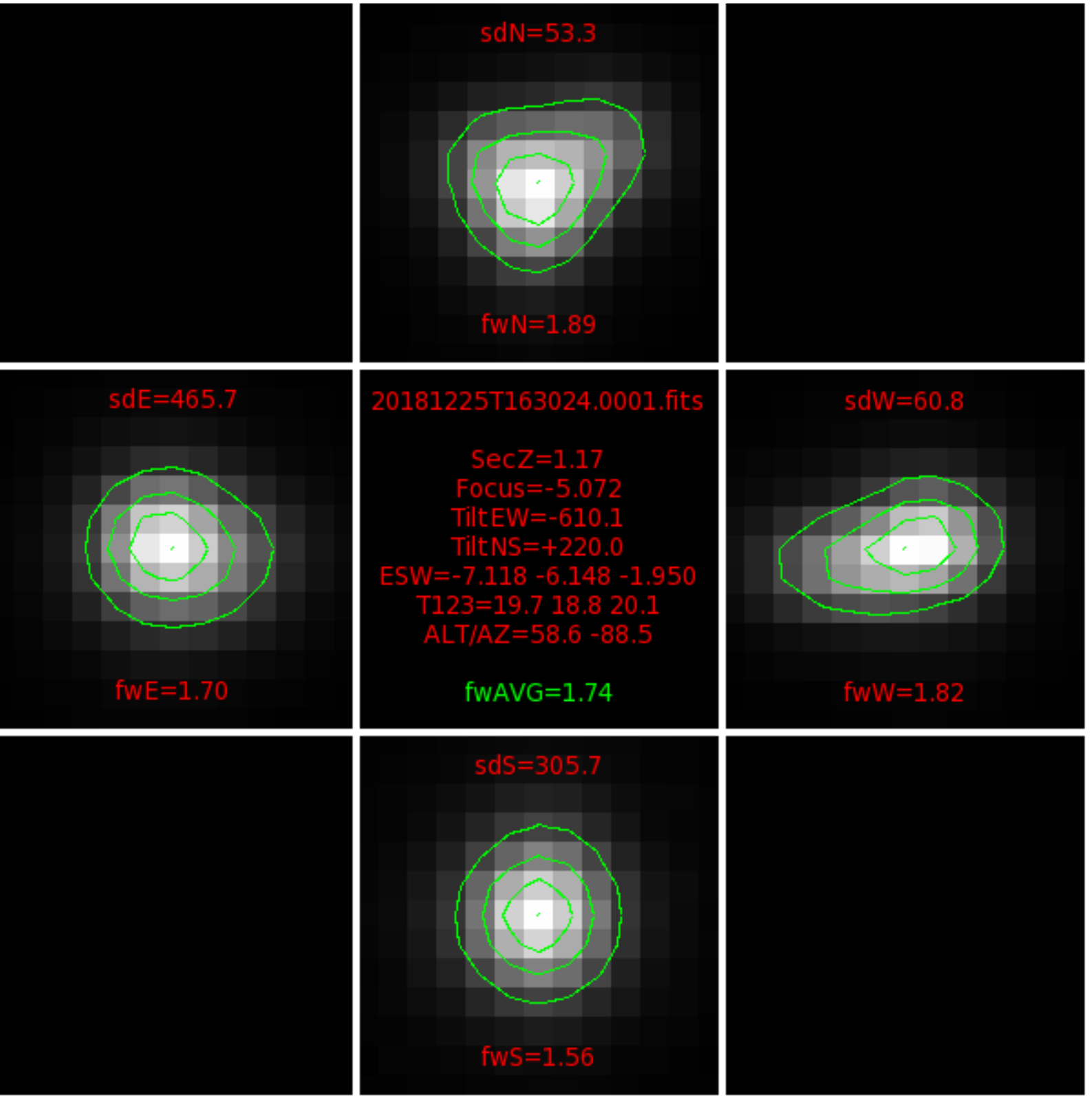

sdN=553.3
fwN=2.00
sdE=218.5
fwE=1.72
20181225T162508.0001.fits
SecZ=1.18
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.9 18.8 20.1
ALT/AZ=58.3 -93.7
fwAVG=1.79
sdW=970.5
fwW=1.89
sdS=486.2
fwS=1.57
0 0 0 0 0 0 0 0 0

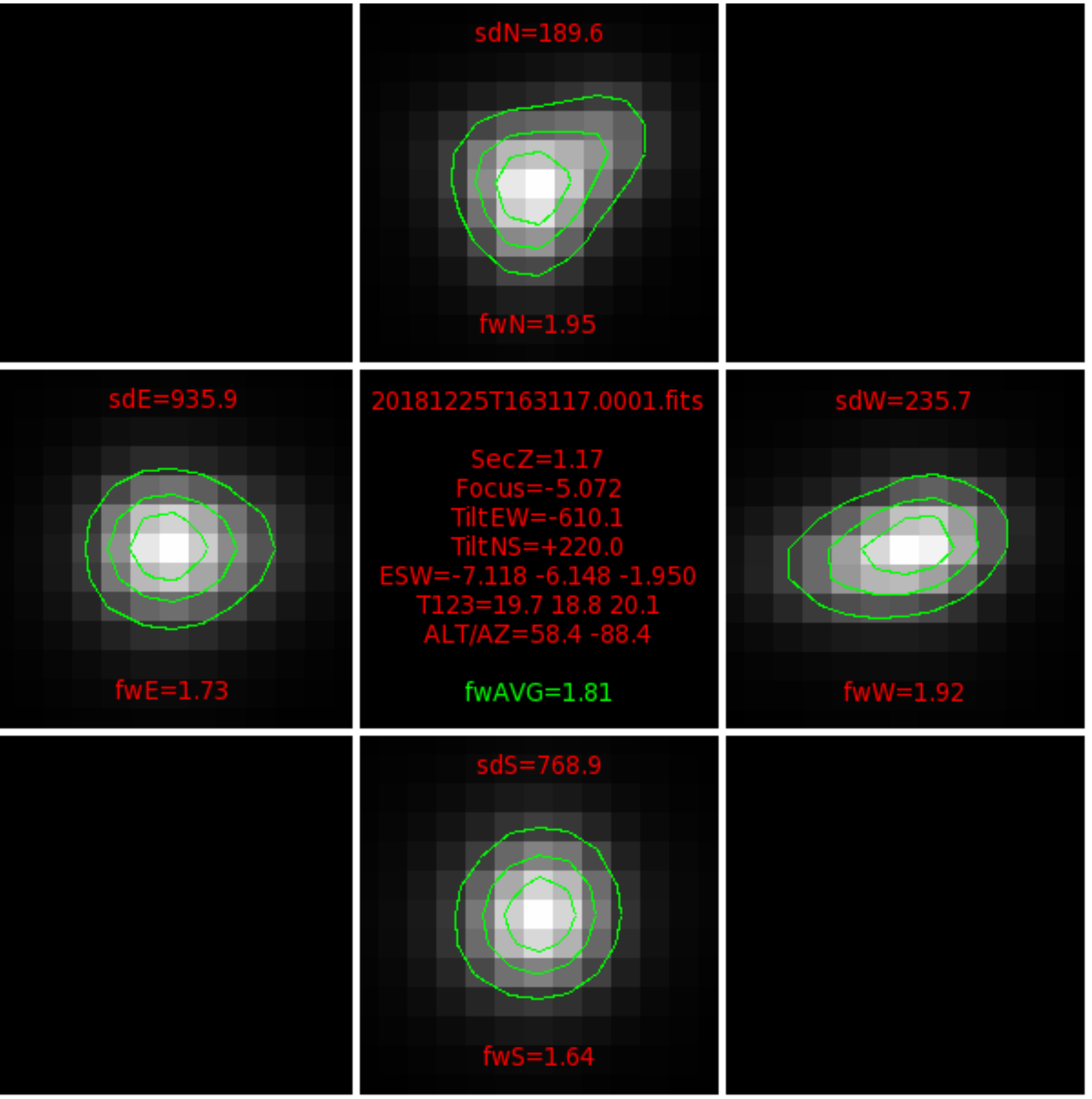

sdN=467.5
fwN=1.76
sdE=147.1
fwE=1.54
20181225T162630.0001.fits
SecZ=1.18
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.8 18.9 20.1
ALT/AZ=58.0 -93.5
fwAVG=1.64
sdW=538.0
fwW=1.69
sdS=255.7
fwS=1.56
0 0 0 0 0 0 0 0 0

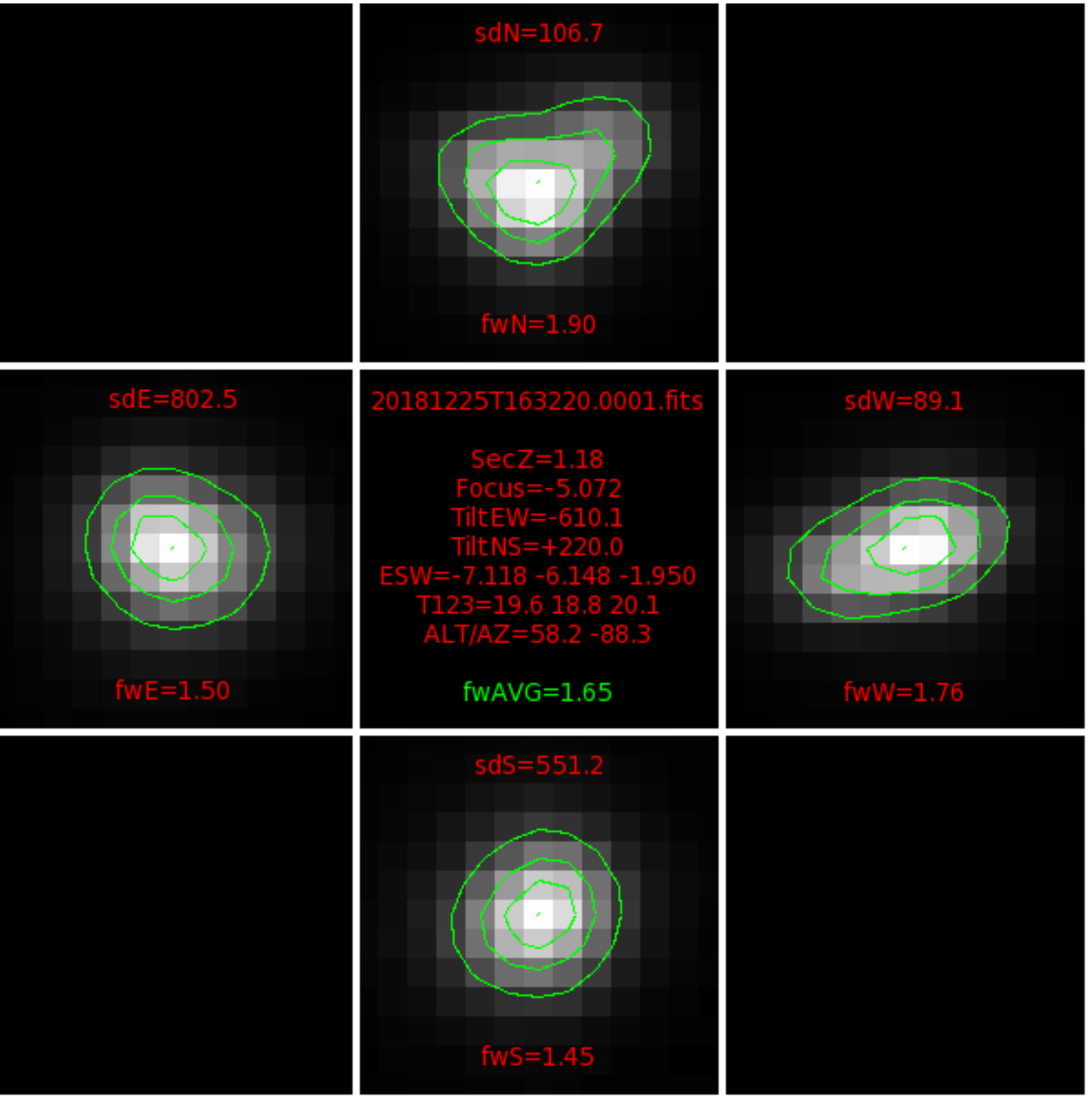

sdN=1010.8
fwN=1.81
sdE=623.1
fwE=1.50
20181225T162728.0001.fits
SecZ=1.18
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.8 0.0 20.1
ALT/AZ=57.8 -93.4
fwAVG=1.60
sdW=1246.5
fwW=1.64
sdS=692.5
fwS=1.45
0 0 0 0 0 0 0 0 0

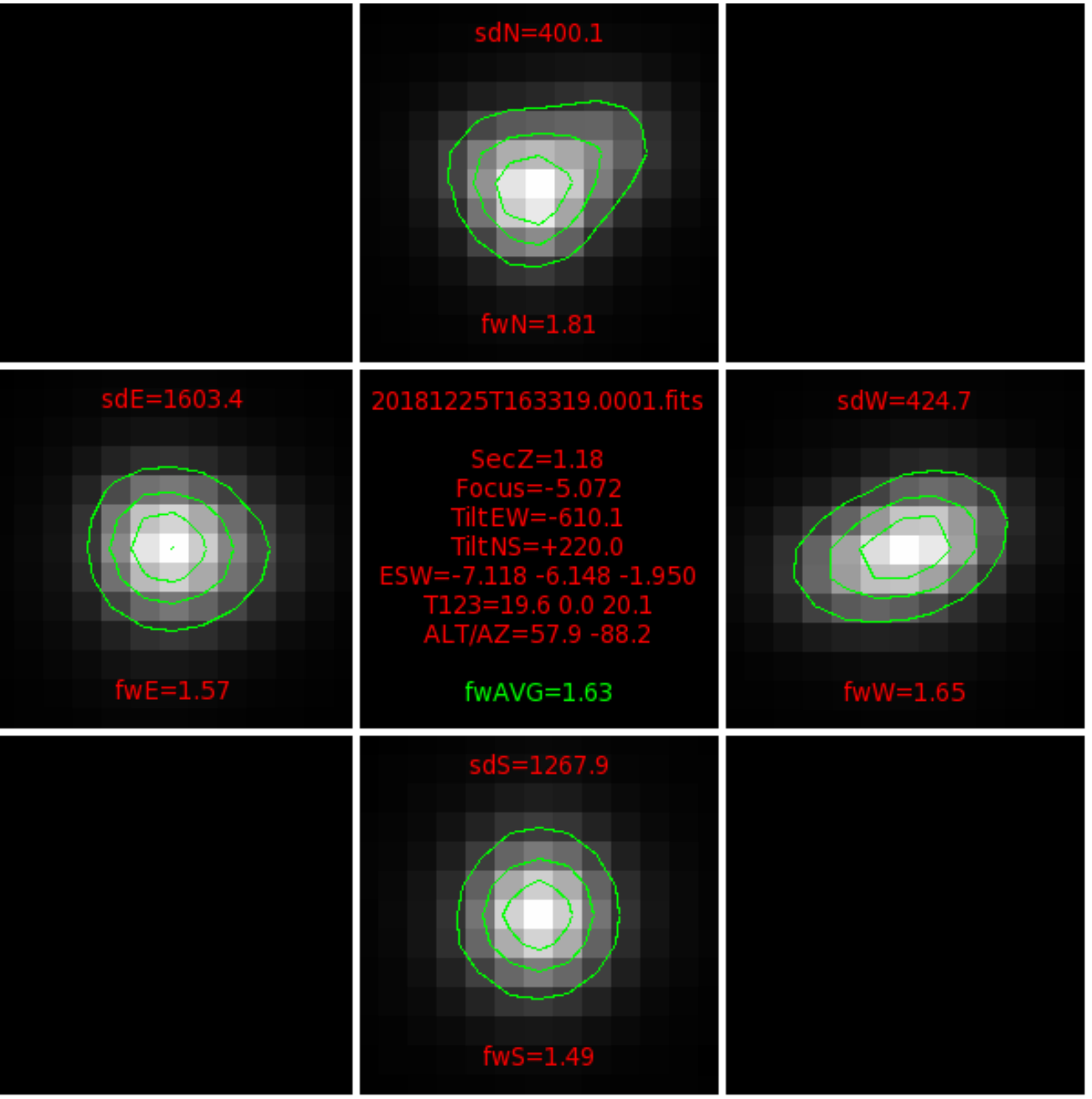

sdN=29.1
fwN=1.98
sdE=299.5
fwE=1.86
20181225T162827.0001.fits
SecZ=1.17
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.8 18.8 20.1
ALT/AZ=59.0 -88.8
fwAVG=1.86
sdW=37.4
fwW=1.93
sdS=160.3
fwS=1.65
0 0 0 0 0 0 0 0 0

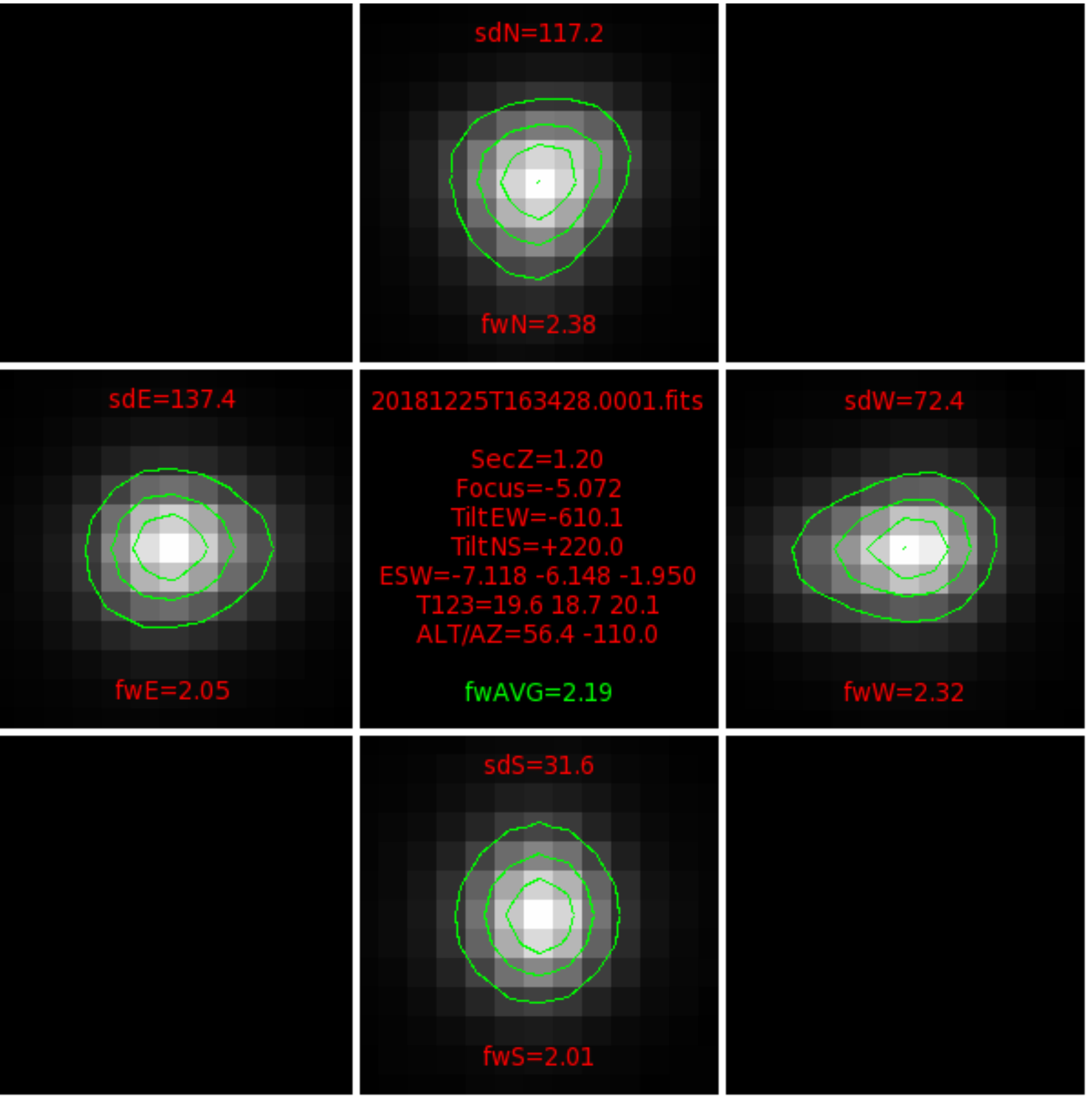

sdN=106.2
fwN=2.10
sdE=690.3
fwE=1.84
20181225T162916.0001.fits
SecZ=1.17
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.8 18.8 20.1
ALT/AZ=58.8 -88.7
fwAVG=1.92
sdW=160.4
fwW=2.05
sdS=504.8
fwS=1.71
0 0 0 0 0 0 0 0 0

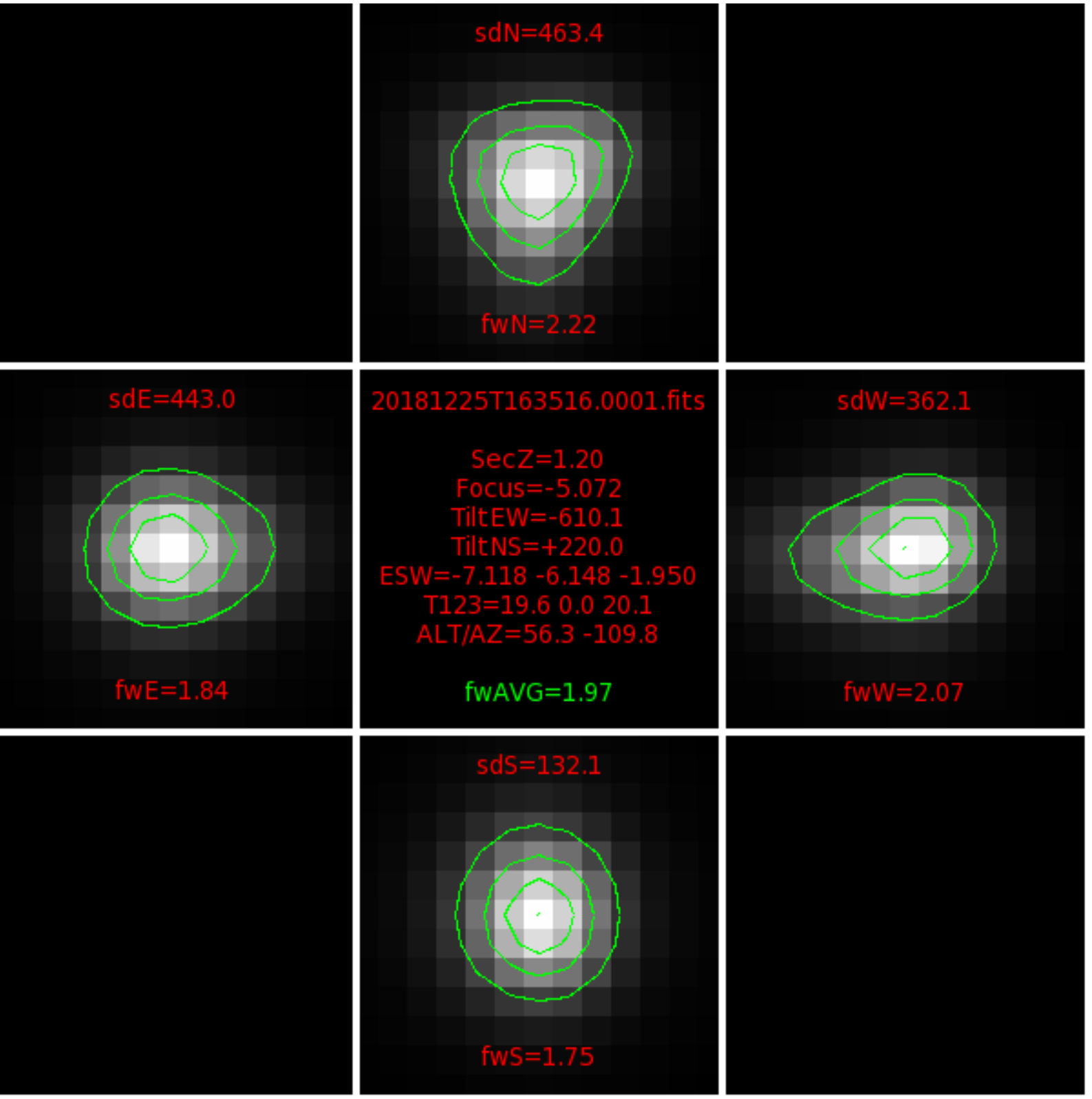

sdN=53.3
fwN=1.89
sdE=465.7
fwE=1.70
20181225T163024.0001.fits
SecZ=1.17
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.7 18.8 20.1
ALT/AZ=58.6 -88.5
fwAVG=1.74
sdW=60.8
fwW=1.82
sdS=305.7
fwS=1.56
0 0 0 0 0 0 0 0 0

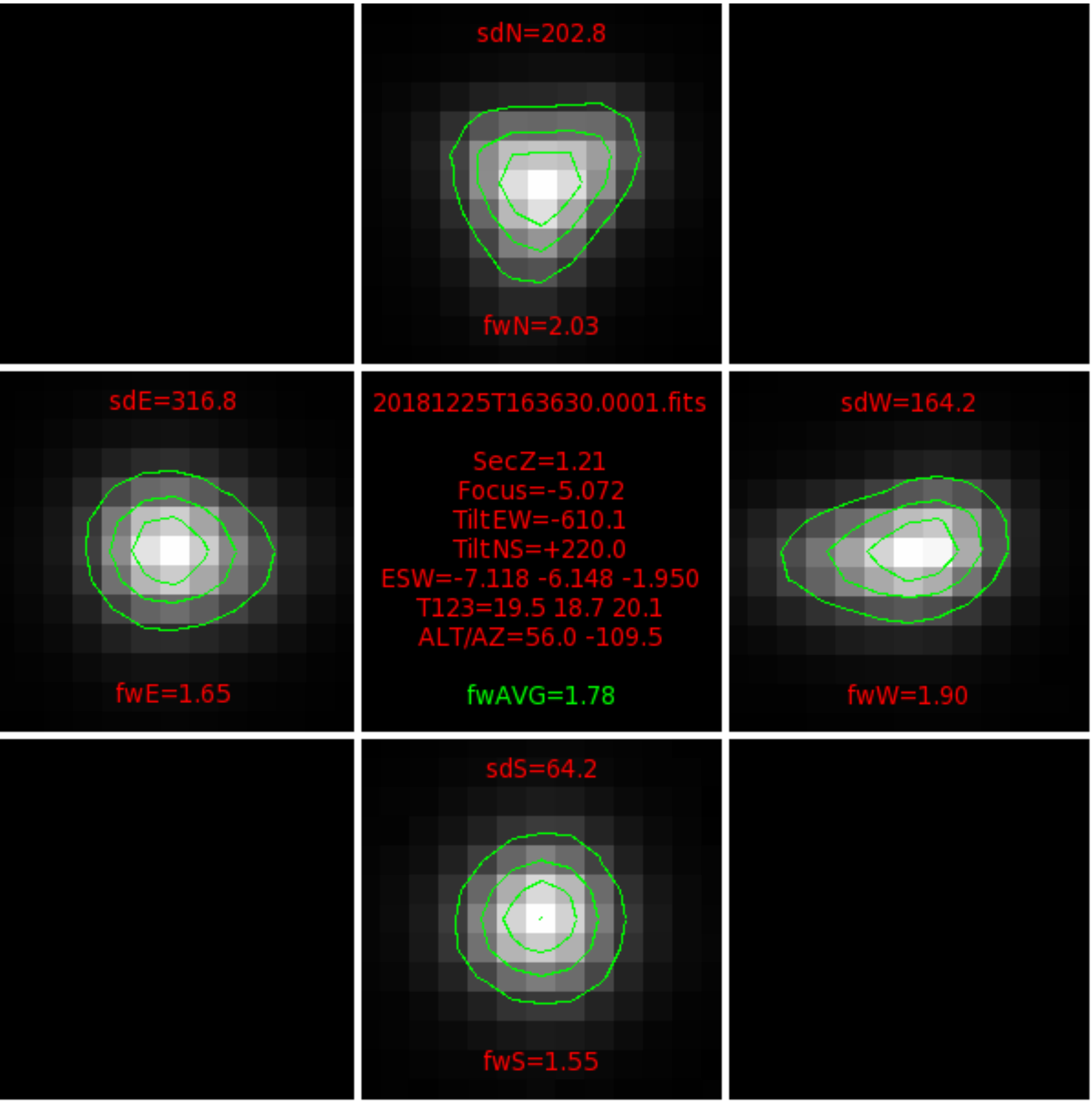

sdN=189.6
fwN=1.95
sdE=935.9
fwE=1.73
20181225T163117.0001.fits
SecZ=1.17
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.7 18.8 20.1
ALT/AZ=58.4 -88.4
fwAVG=1.81
sdW=235.7
fwW=1.92
sdS=768.9
fwS=1.64
0 0 0 0 0 0 0 0 0

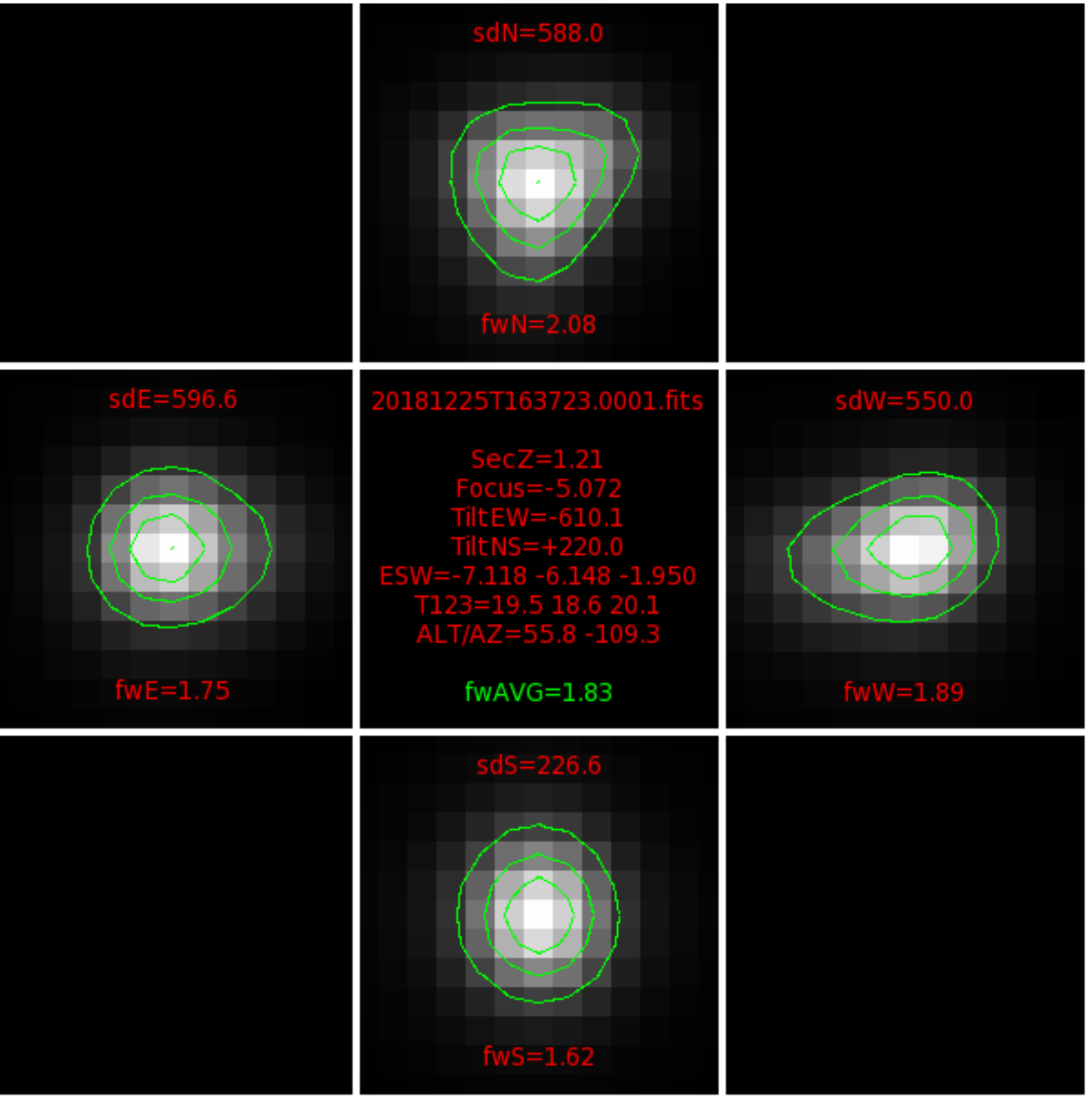

sdN=106.7
fwN=1.90
sdE=802.5
fwE=1.50
20181225T163220.0001.fits
SecZ=1.18
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.6 18.8 20.1
ALT/AZ=58.2 -88.3
fwAVG=1.65
sdW=89.1
fwW=1.76
sdS=551.2
fwS=1.45
0 0 0 0 0 0 0 0 0

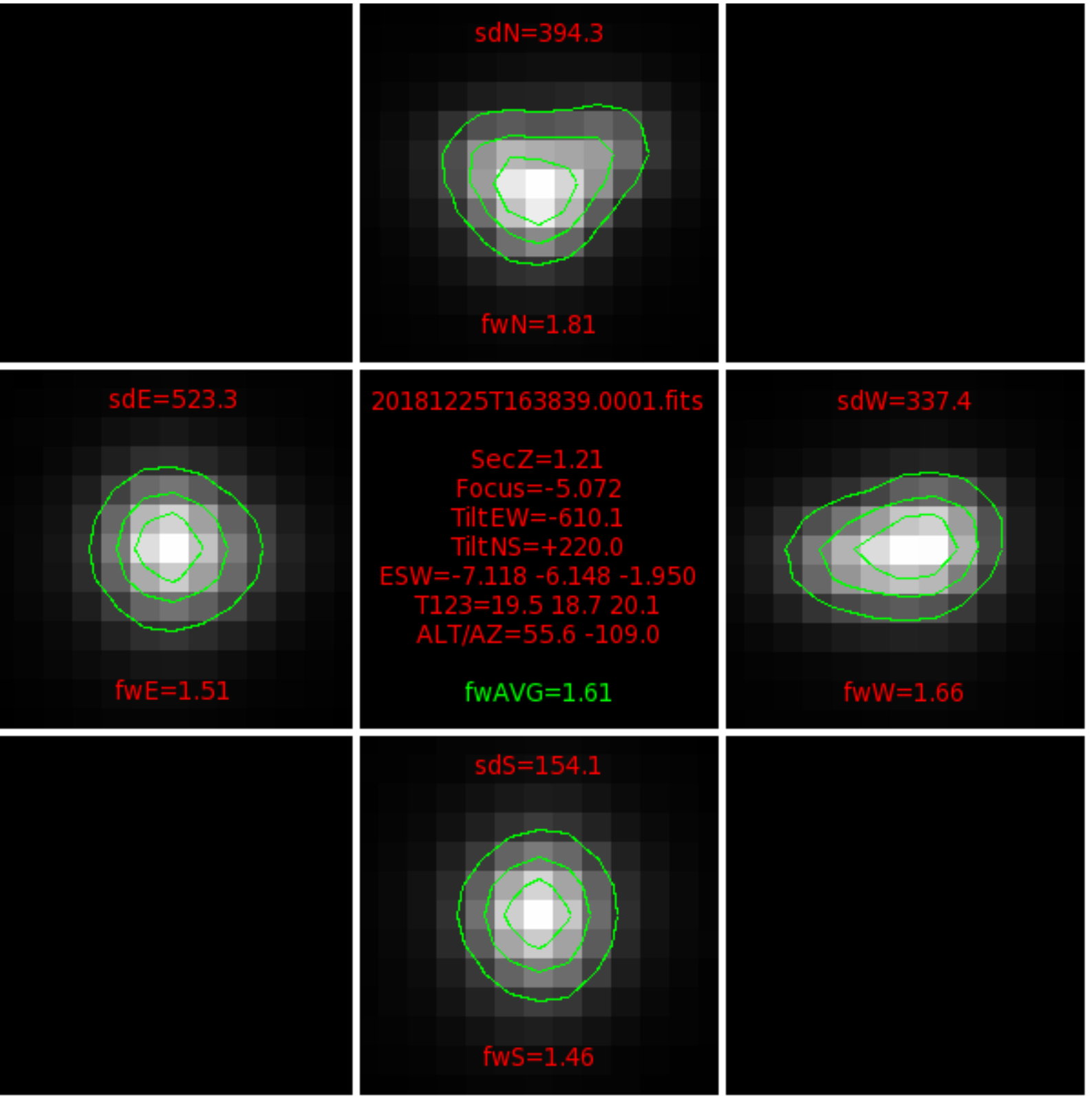

sdN=400.1
fwN=1.81
sdE=1603.4
fwE=1.57
20181225T163319.0001.fits
SecZ=1.18
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.6 0.0 20.1
ALT/AZ=57.9 -88.2
fwAVG=1.63
sdW=424.7
fwW=1.65
sdS=1267.9
fwS=1.49
0 0 0 0 0 0 0 0 0

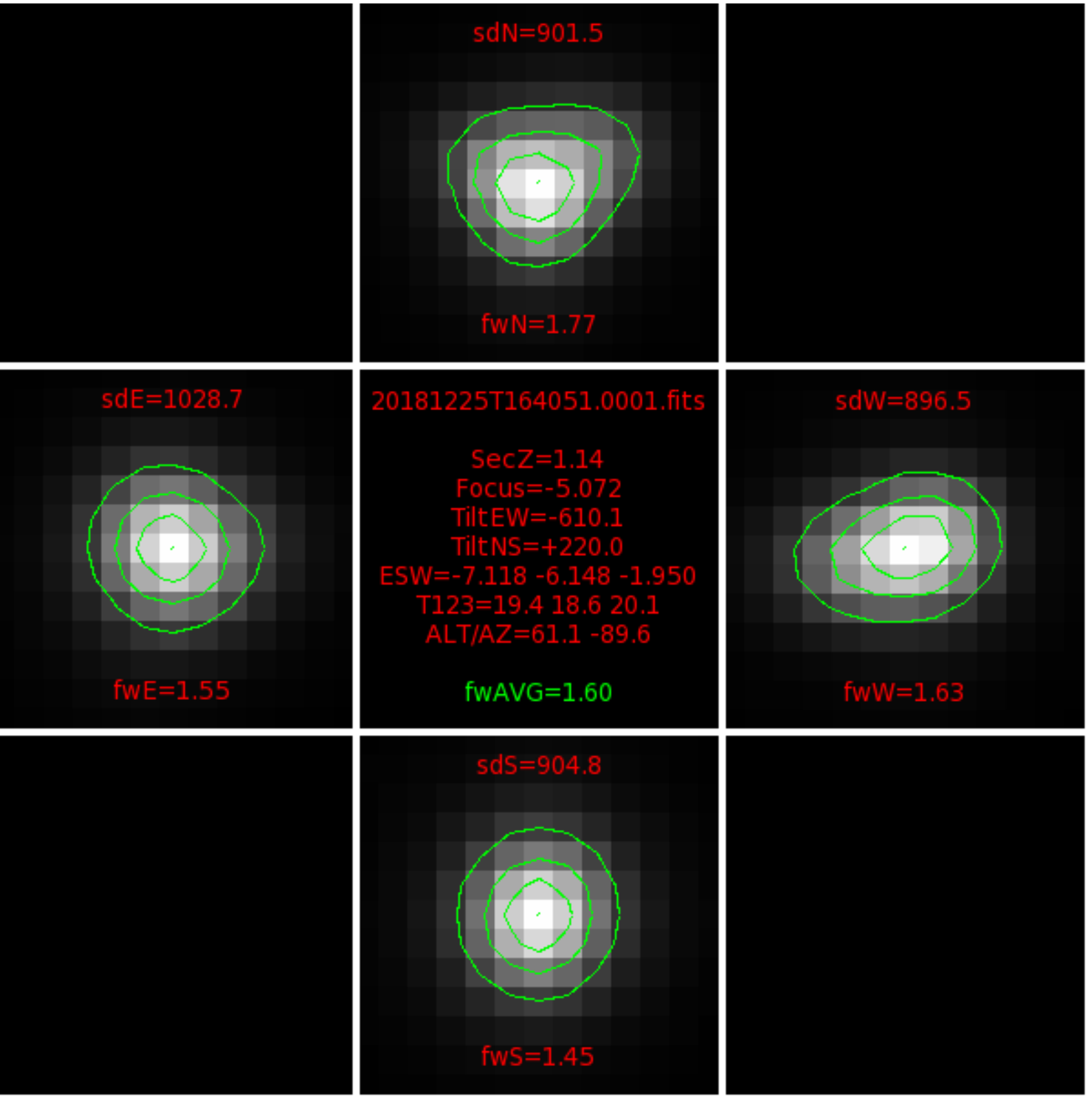

sdN=117.2
fwN=2.38
sdE=137.4
fwE=2.05
20181225T163428.0001.fits
SecZ=1.20
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.6 18.7 20.1
ALT/AZ=56.4 -110.0
fwAVG=2.19
sdW=72.4
fwW=2.32
sdS=31.6
fwS=2.01
0 0 0 0 0 0 0 0 0

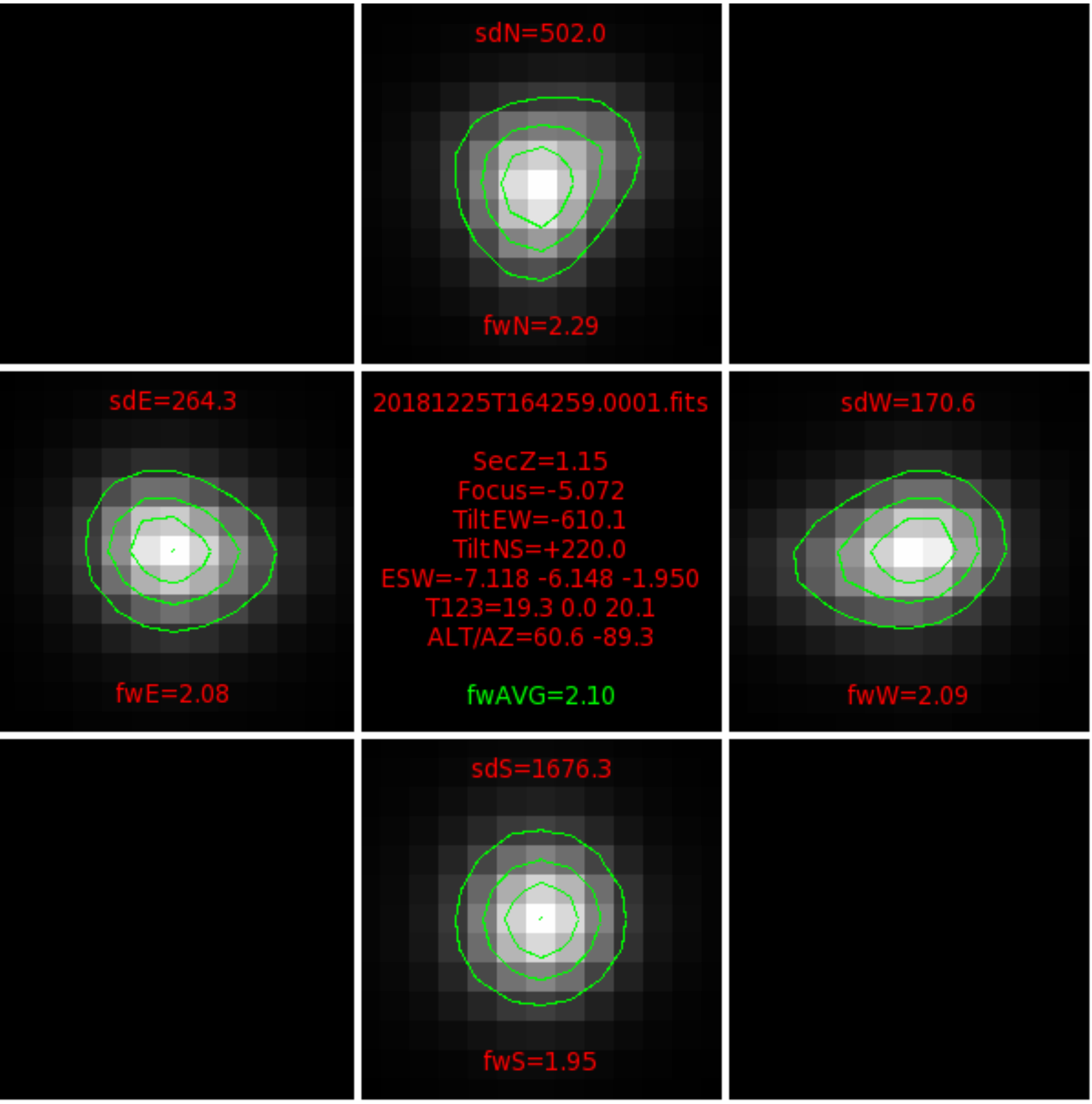

sdN=463.4
fwN=2.22
sdE=443.0
fwE=1.84
20181225T163516.0001.fits
SecZ=1.20
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.6 0.0 20.1
ALT/AZ=56.3 -109.8
fwAVG=1.97
sdW=362.1
fwW=2.07
sdS=132.1
fwS=1.75
0 0 0 0 0 0 0 0 0

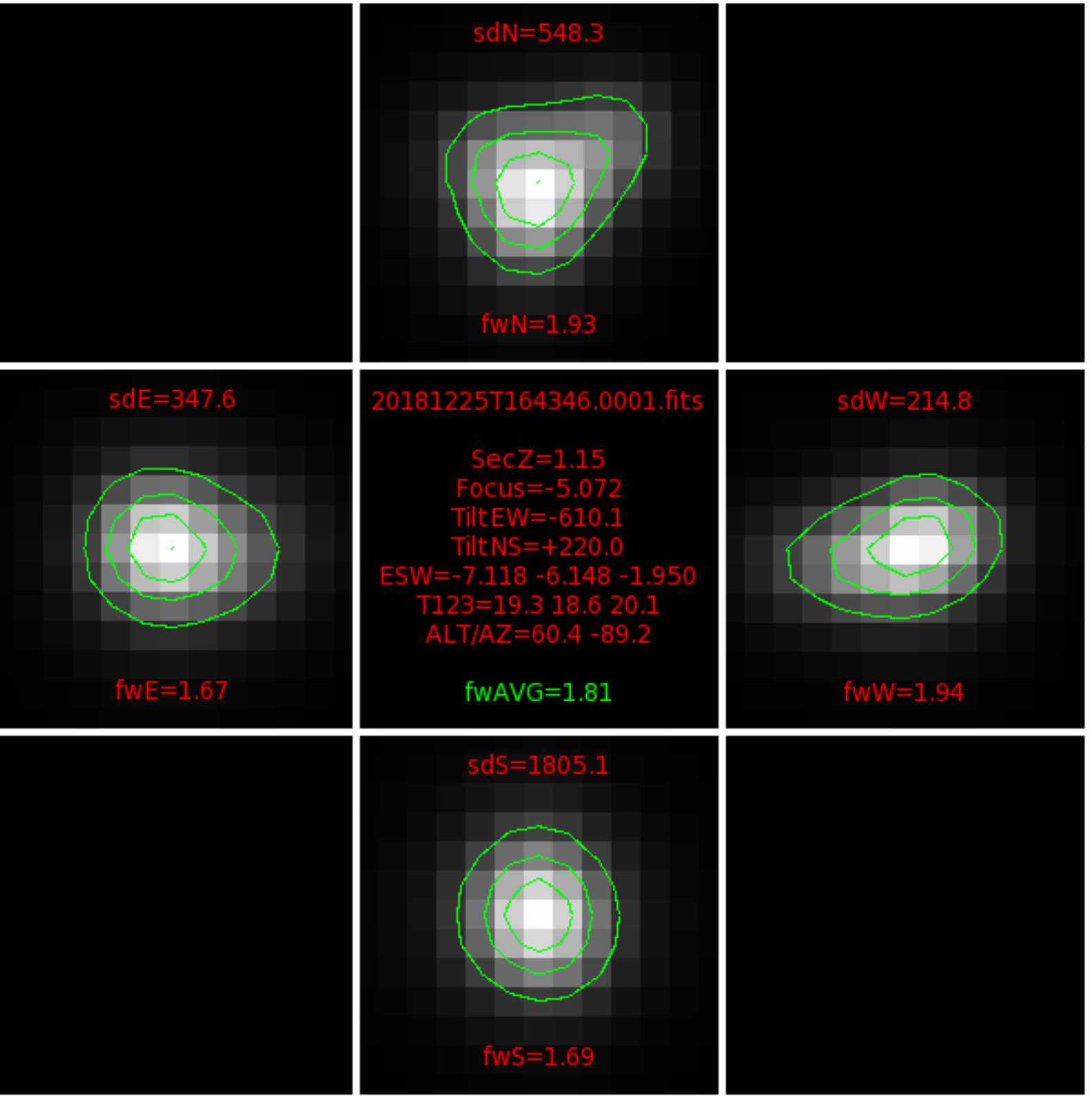

sdN=202.8
fwN=2.03
sdE=316.8
fwE=1.65
20181225T163630.0001.fits
SecZ=1.21
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.5 18.7 20.1
ALT/AZ=56.0 -109.5
fwAVG=1.78
sdW=164.2
fwW=1.90
sdS=64.2
fwS=1.55
0 0 0 0 0 0 0 0 0

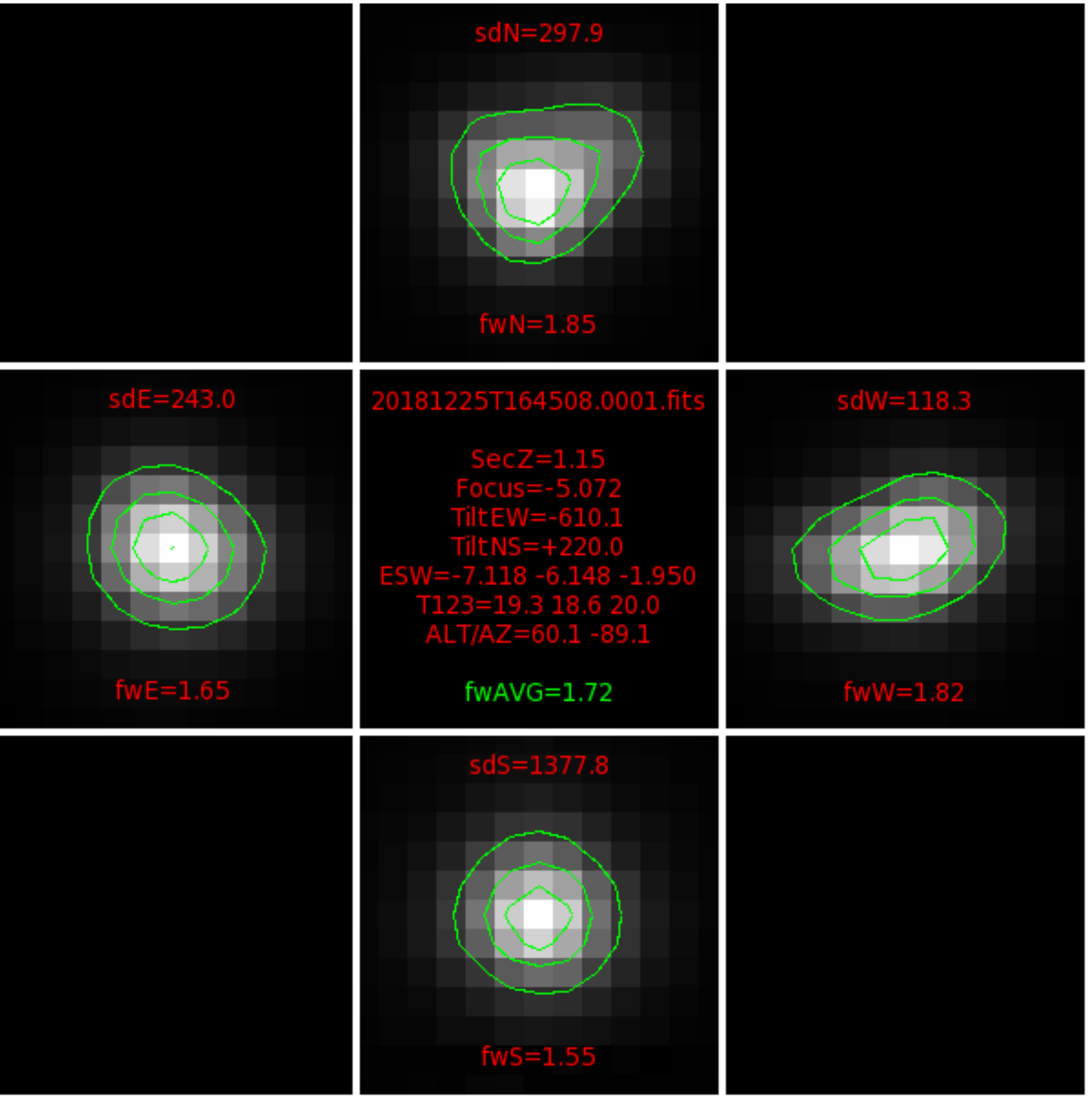

sdN=588.0
fwN=2.08
sdE=596.6
fwE=1.75
20181225T163723.0001.fits
SecZ=1.21
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.5 18.6 20.1
ALT/AZ=55.8 -109.3
fwAVG=1.83
sdW=550.0
fwW=1.89
sdS=226.6
fwS=1.62
0 0 0 0 0 0 0 0 0

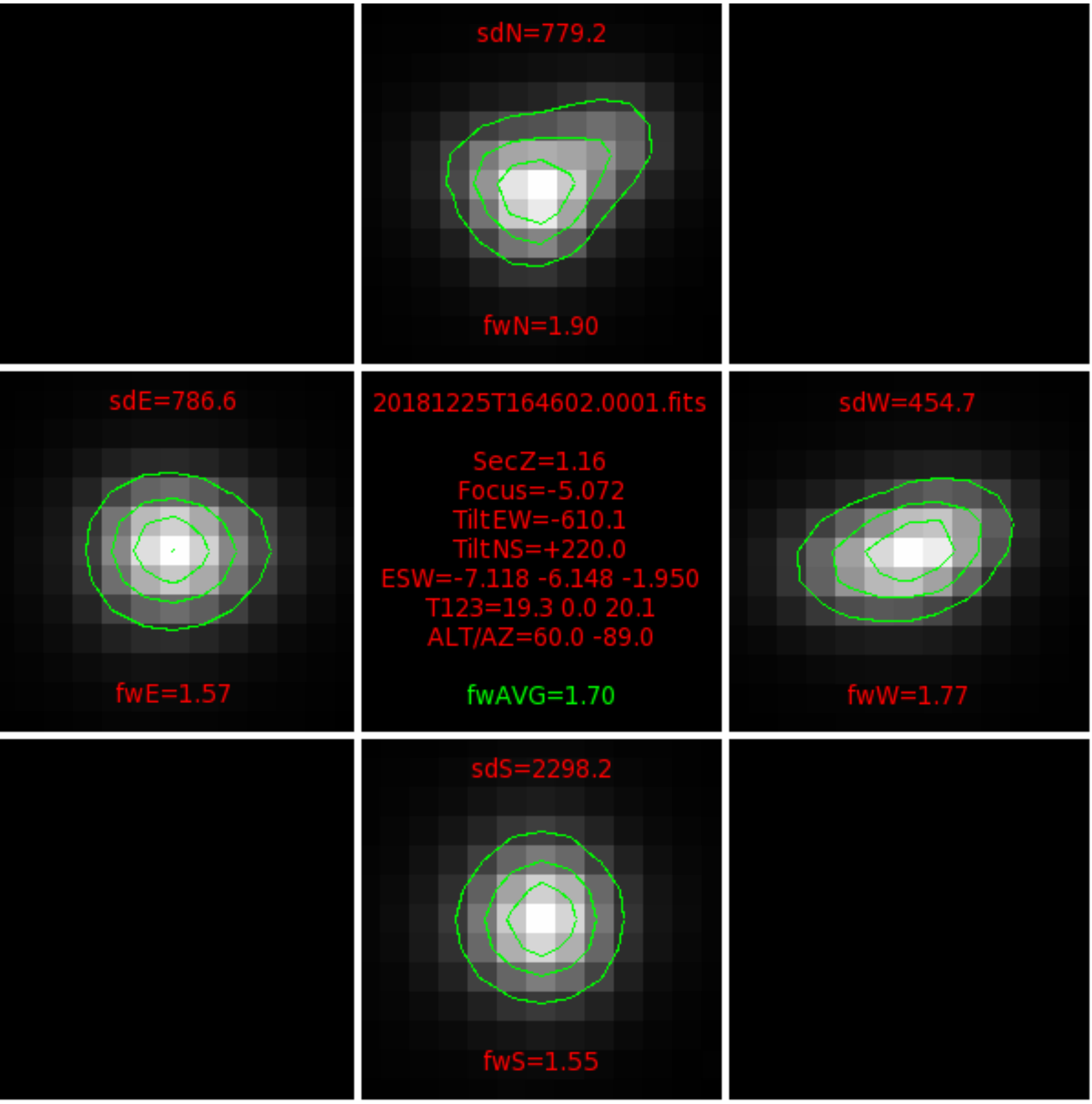

sdN=394.3
fwN=1.81
sdE=523.3
fwE=1.51
20181225T163839.0001.fits
SecZ=1.21
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.5 18.7 20.1
ALT/AZ=55.6 -109.0
fwAVG=1.61
sdW=337.4
fwW=1.66
sdS=154.1
fwS=1.46
0 0 0 0 0 0 0 0 0

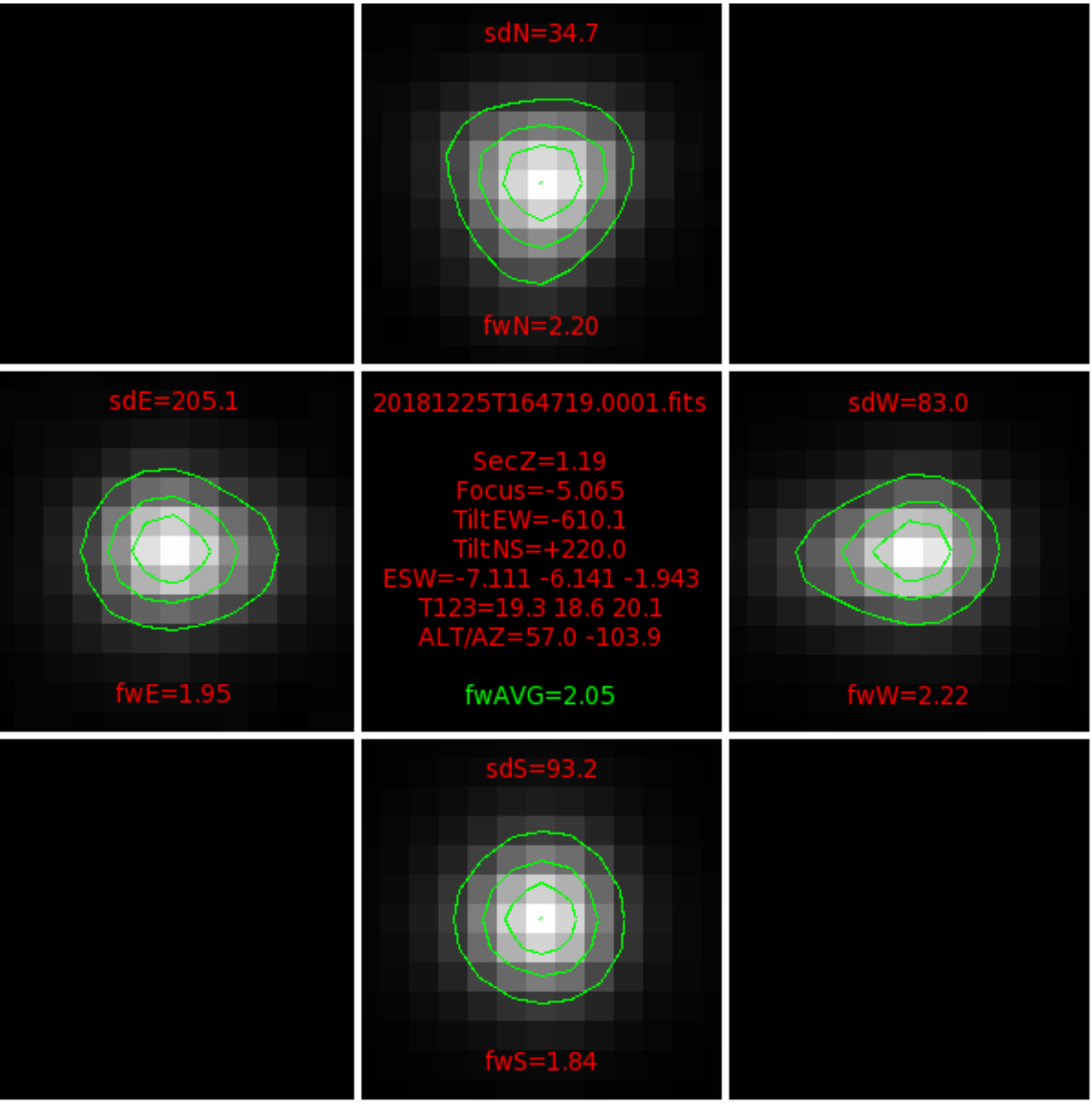

sdN=901.5
fwN=1.77
sdE=1028.7
fwE=1.55
20181225T164051.0001.fits
SecZ=1.14
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.4 18.6 20.1
ALT/AZ=61.1 -89.6
fwAVG=1.60
sdW=896.5
fwW=1.63
sdS=904.8
fwS=1.45
0 0 0 0 0 0 0 0 0

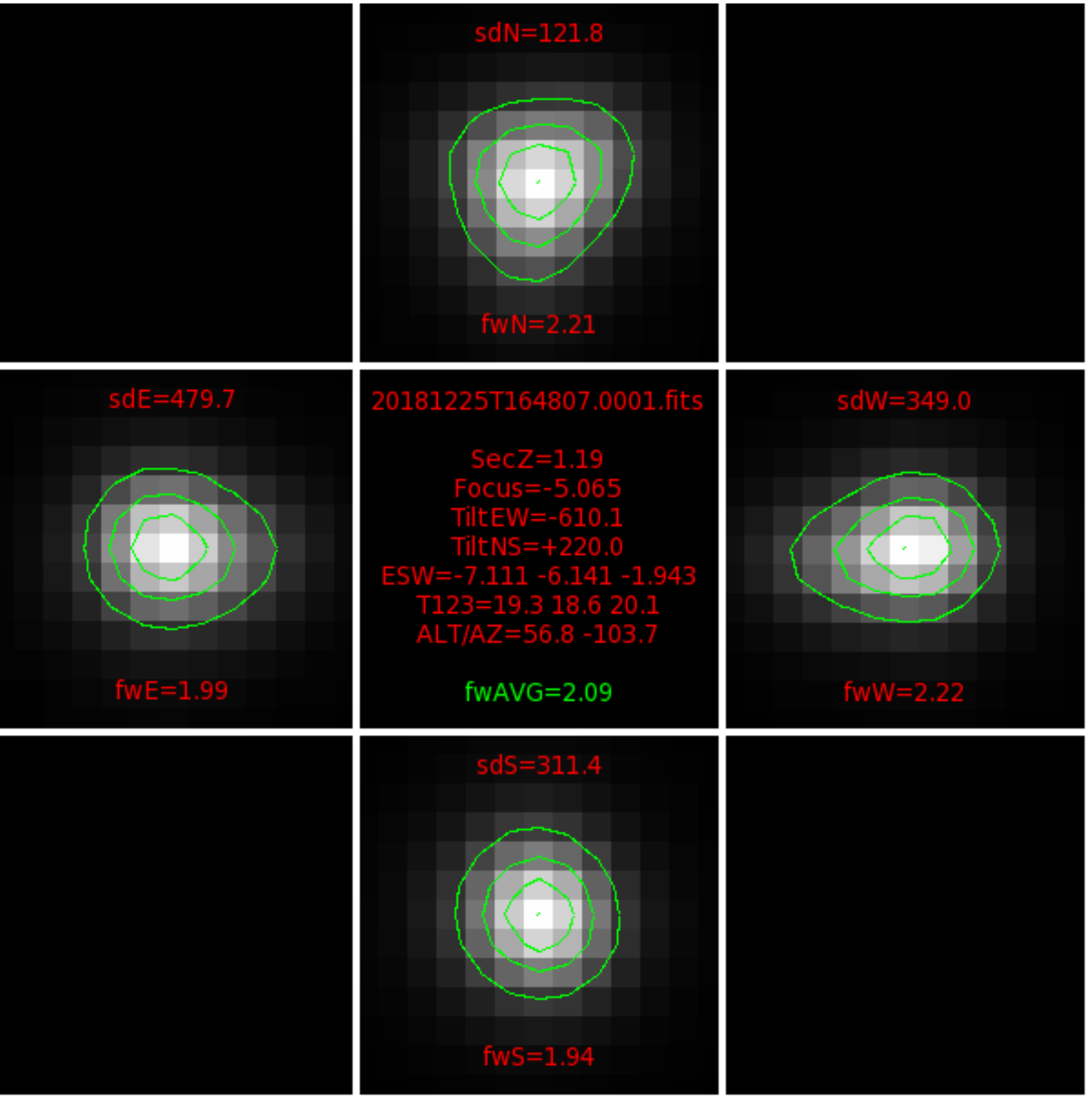

sdN=502.0
fwN=2.29
sdE=264.3
fwE=2.08
20181225T164259.0001.fits
SecZ=1.15
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.3 0.0 20.1
ALT/AZ=60.6 -89.3
fwAVG=2.10
sdW=170.6
fwW=2.09
sdS=1676.3
fwS=1.95
0 0 0 0 0 0 0 0 0

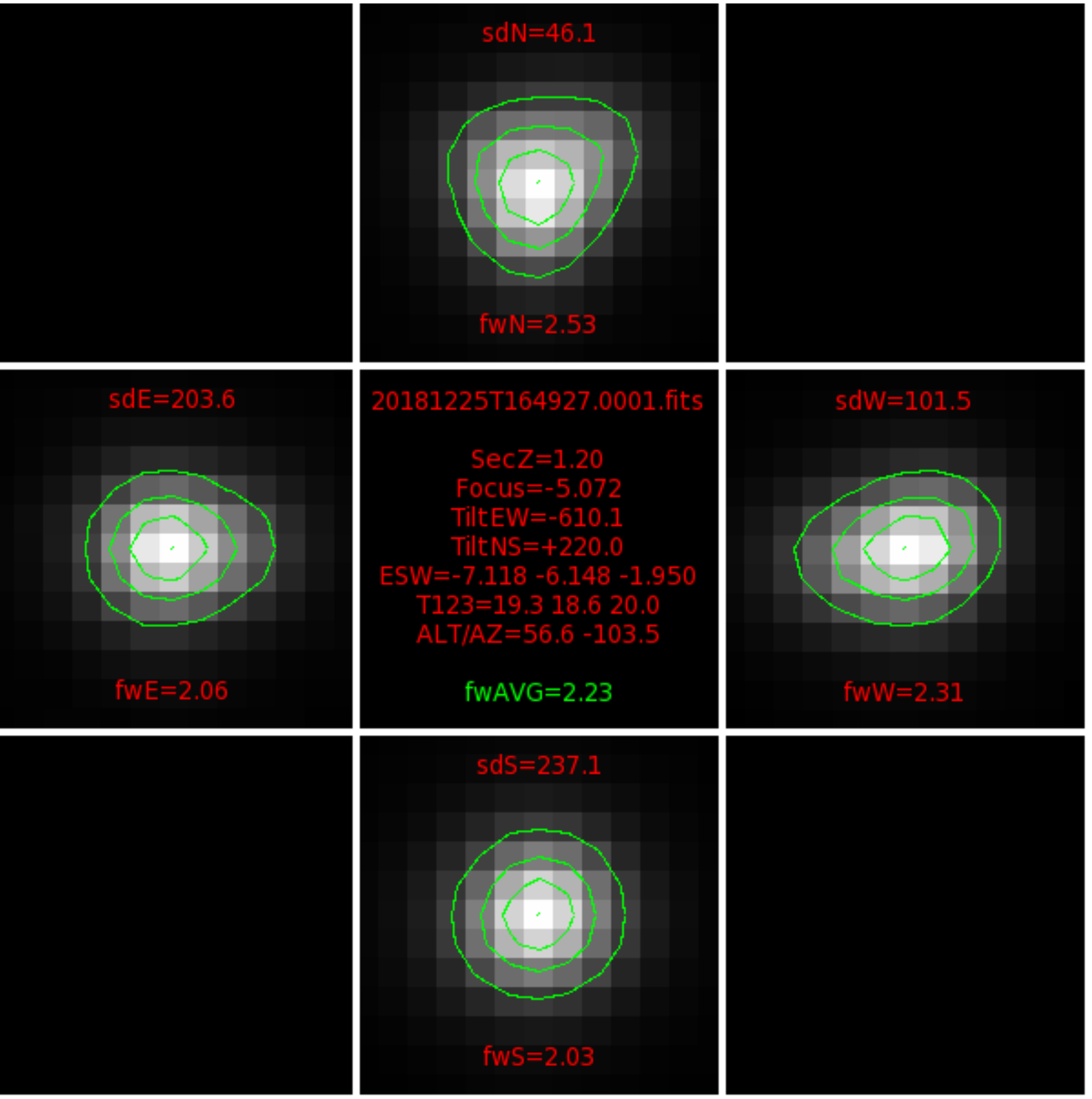

sdN=548.3
fwN=1.93
sdE=347.6
fwE=1.67
20181225T164346.0001.fits
SecZ=1.15
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.3 18.6 20.1
ALT/AZ=60.4 -89.2
fwAVG=1.81
sdW=214.8
fwW=1.94
sdS=1805.1
fwS=1.69
0 0 0 0 0 0 0 0 0

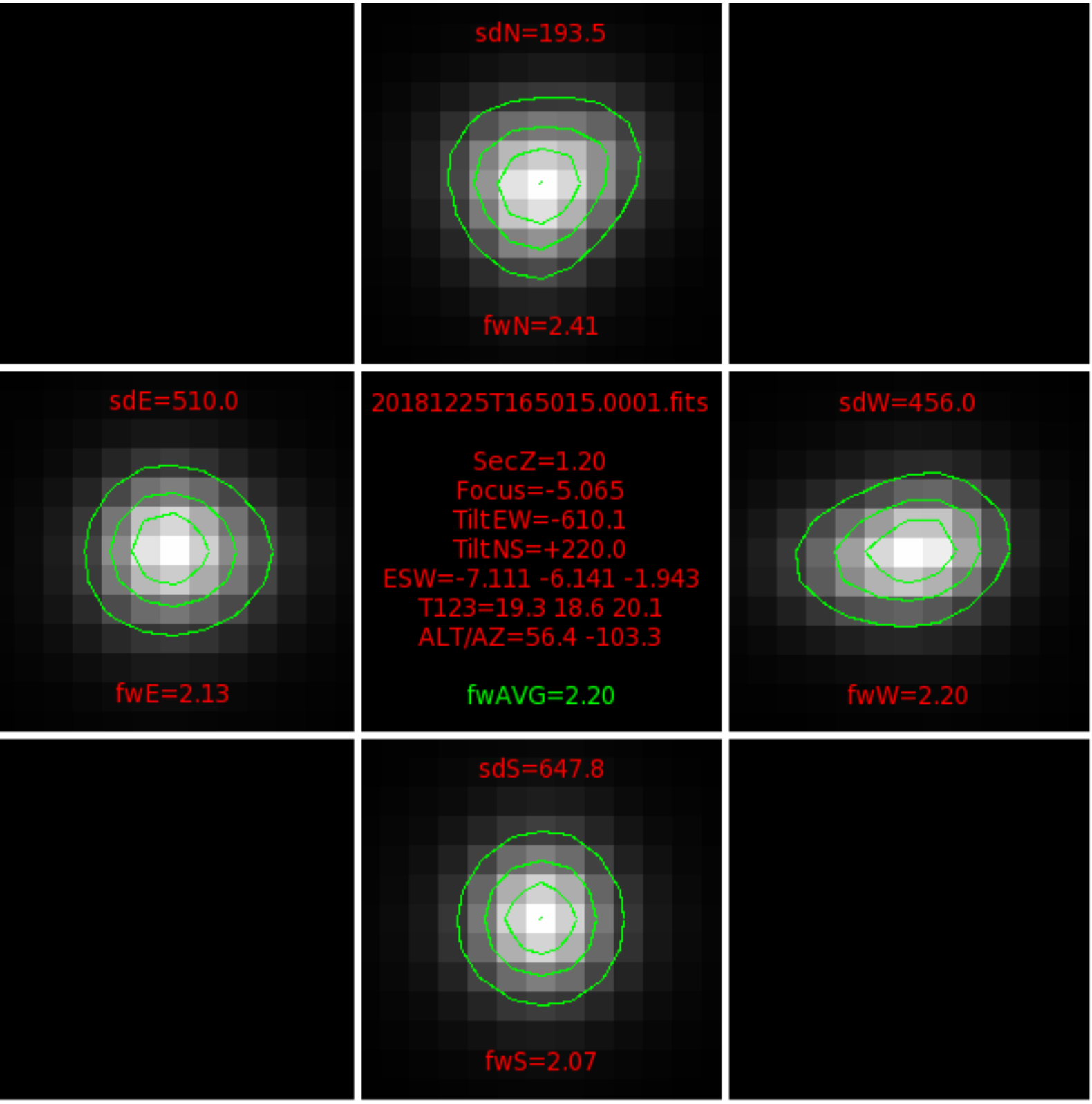

sdN=297.9
fwN=1.85
sdE=243.0
fwE=1.65
20181225T164508.0001.fits
SecZ=1.15
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.3 18.6 20.0
ALT/AZ=60.1 -89.1
fwAVG=1.72
sdW=118.3
fwW=1.82
sdS=1377.8
fwS=1.55
0 0 0 0 0 0 0 0 0

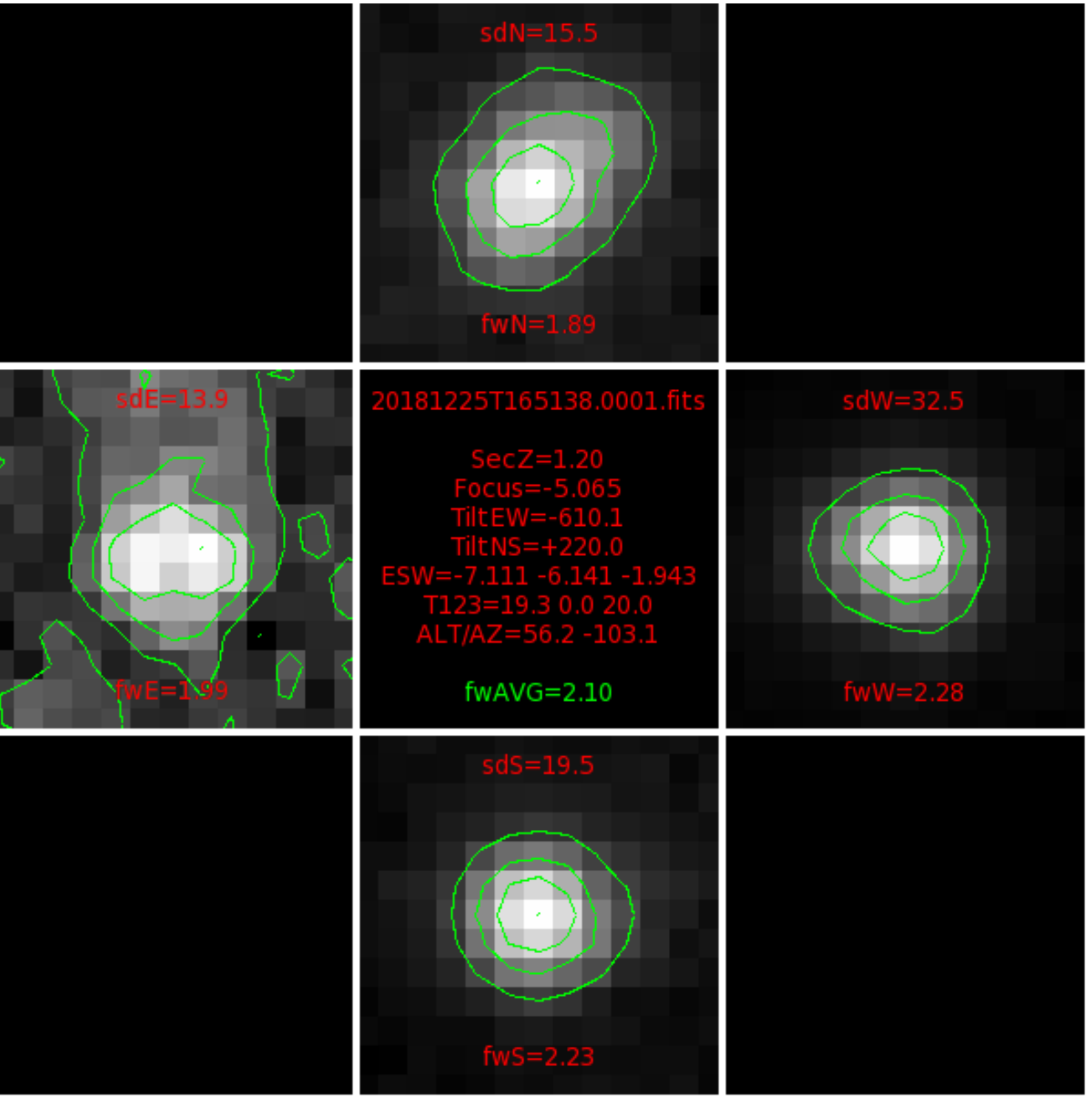

sdN=779.2
fwN=1.90
sdE=786.6
fwE=1.57
20181225T164602.0001.fits
SecZ=1.16
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.3 0.0 20.1
ALT/AZ=60.0 -89.0
fwAVG=1.70
sdW=454.7
fwW=1.77
sdS=2298.2
fwS=1.55
0 0 0 0 0 0 0 0 0

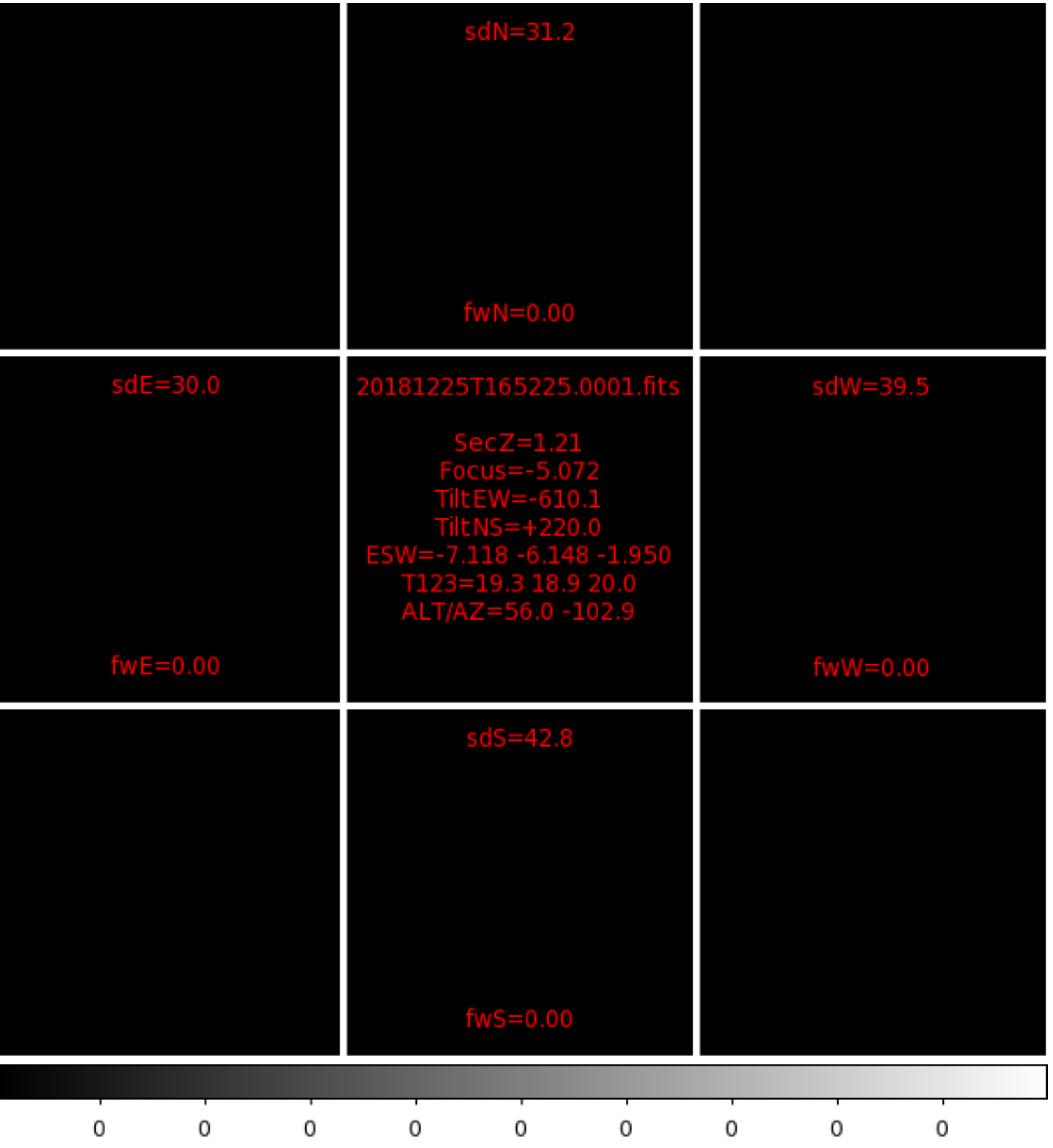

sdN=34.7
fwN=2.20
sdE=205.1
fwE=1.95
20181225T164719.0001.fits
SecZ=1.19
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.6 20.1
ALT/AZ=57.0 -103.9
fwAVG=2.05
sdW=83.0
fwW=2.22
sdS=93.2
fwS=1.84
0 0 0 0 0 0 0 0 0

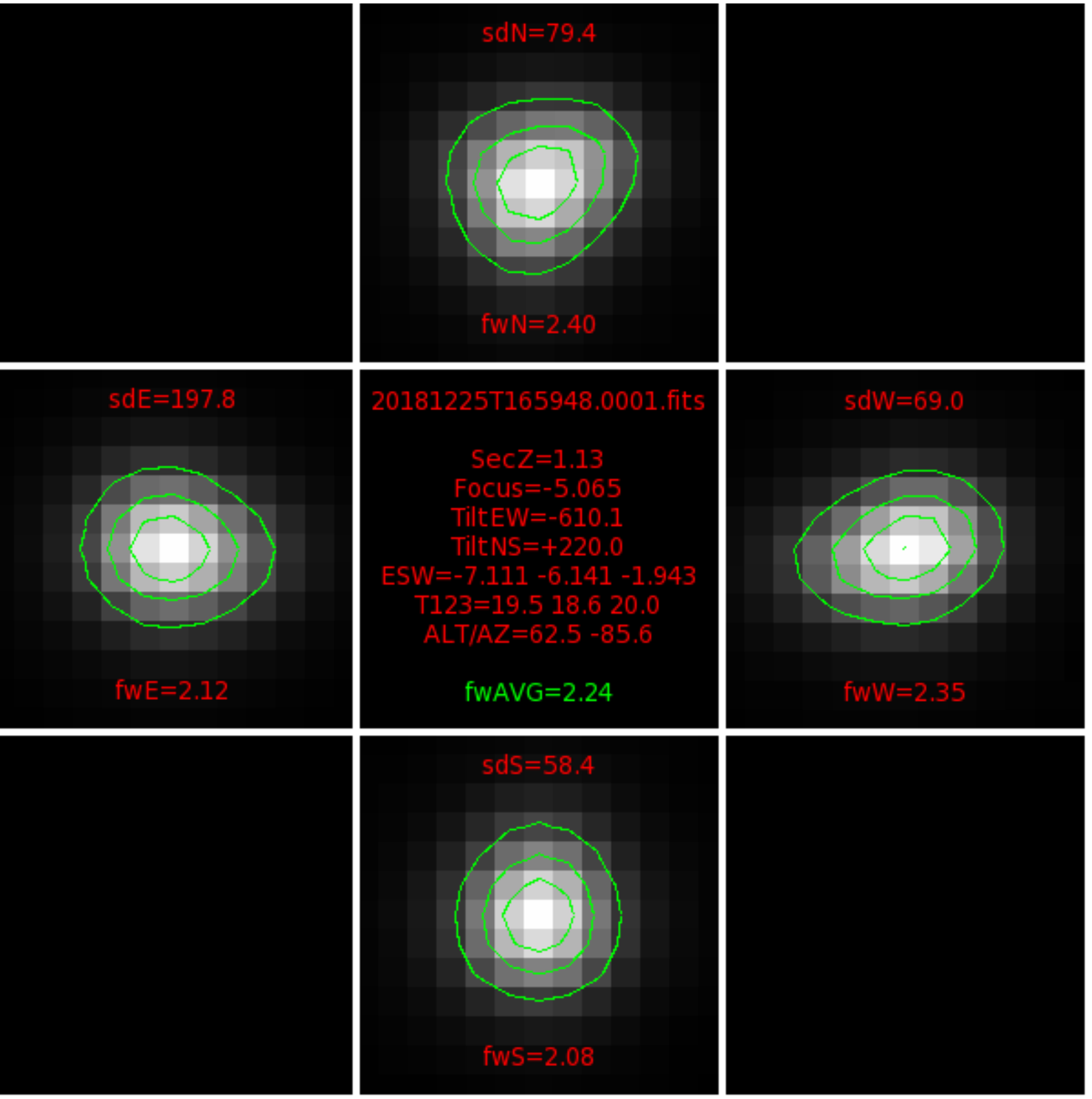

sdN=121.8
fwN=2.21
sdE=479.7
fwE=1.99
20181225T164807.0001.fits
SecZ=1.19
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.6 20.1
ALT/AZ=56.8 -103.7
fwAVG=2.09
sdW=349.0
fwW=2.22
sdS=311.4
fwS=1.94
0 0 0 0 0 0 0 0 0

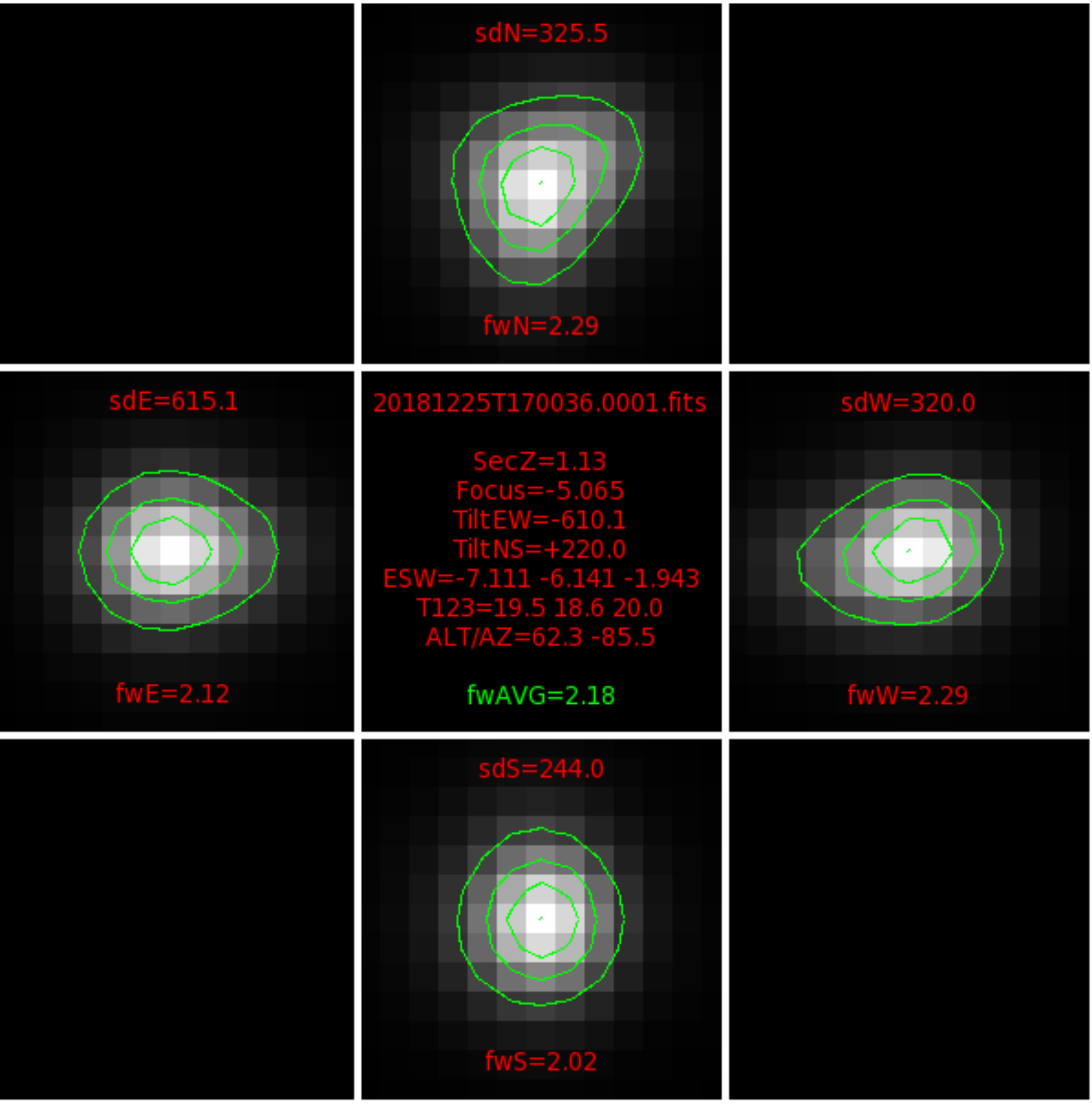

sdN=46.1
fwN=2.53
sdE=203.6
fwE=2.06
20181225T164927.0001.fits
SecZ=1.20
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.3 18.6 20.0
ALT/AZ=56.6 -103.5
fwAVG=2.23
sdW=101.5
fwW=2.31
sdS=237.1
fwS=2.03
0 0 0 0 0 0 0 0 0

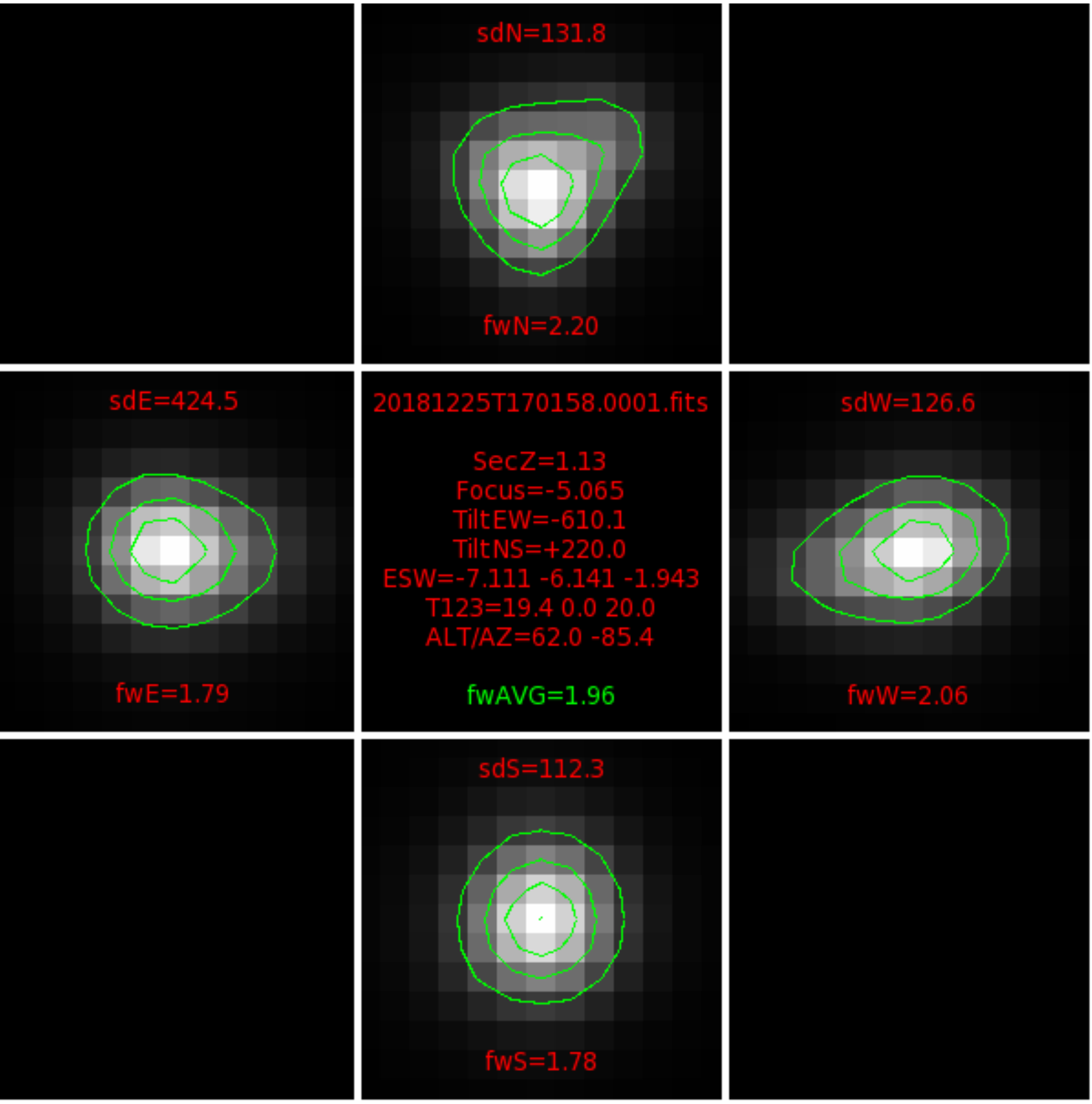

sdN=193.5
fwN=2.41
sdE=510.0
fwE=2.13
20181225T165015.0001.fits
SecZ=1.20
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.6 20.1
ALT/AZ=56.4 -103.3
fwAVG=2.20
sdW=456.0
fwW=2.20
sdS=647.8
fwS=2.07
0 0 0 0 0 0 0 0 0

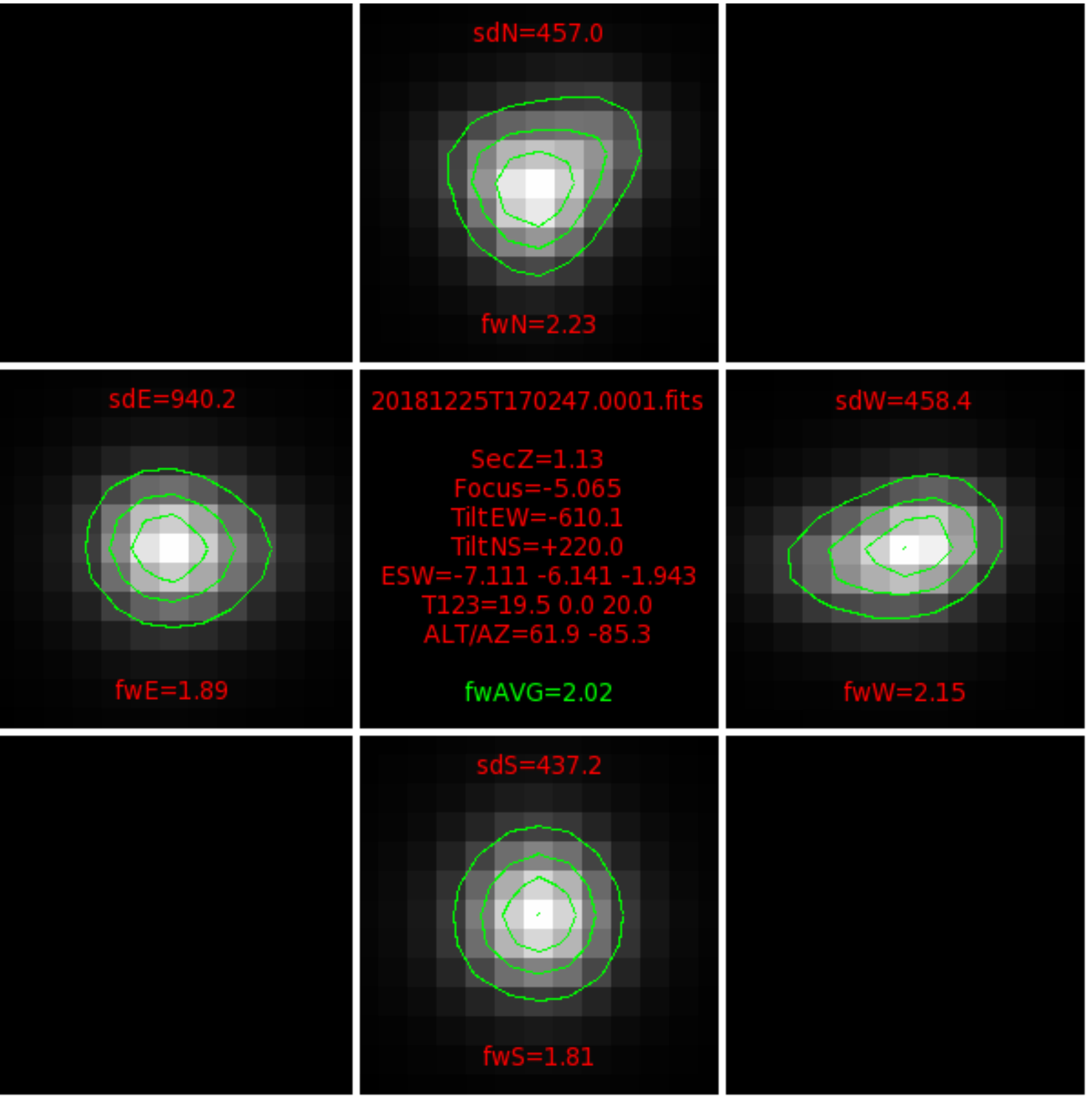

sdN=15.5
fwN=1.89
sdE=13.9
fwE=1.99
20181225T165138.0001.fits
SecZ=1.20
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 0.0 20.0
ALT/AZ=56.2 -103.1
fwAVG=2.10
sdW=32.5
fwW=2.28
sdS=19.5
fwS=2.23
0 0 0 0 0 0 0 0 0

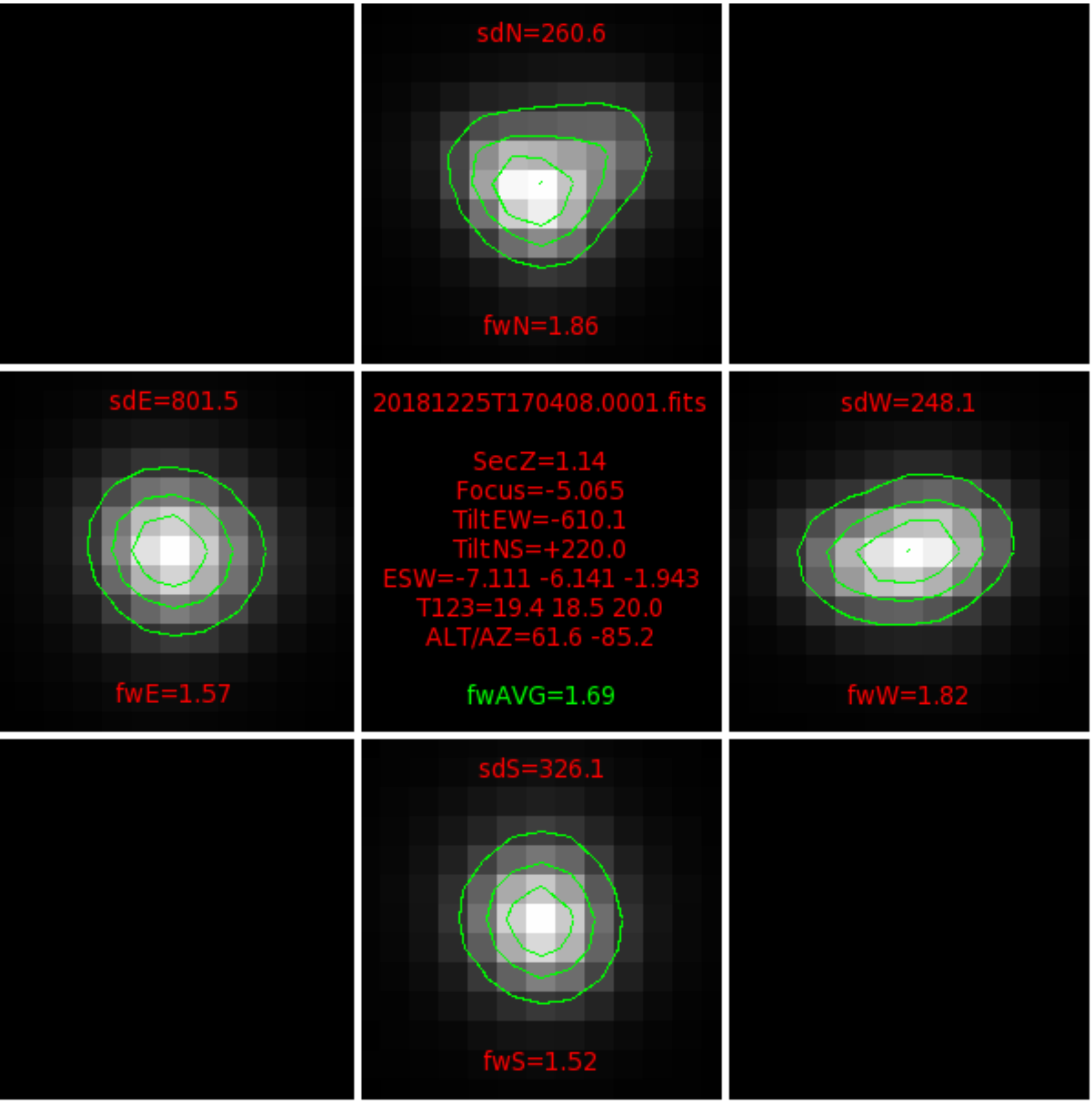

sdN=31.2
fwN=0.00
sdE=30.0
20181225T165225.0001.fits
SecZ=1.21
Focus=-5.072
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.118 -6.148 -1.950
T123=19.3 18.9 20.0
ALT/AZ=56.0 -102.9
sdW=39.5
fwE=0.00
fwW=0.00
sdS=42.8
fwS=0.00
0 0 0 0 0 0 0 0 0

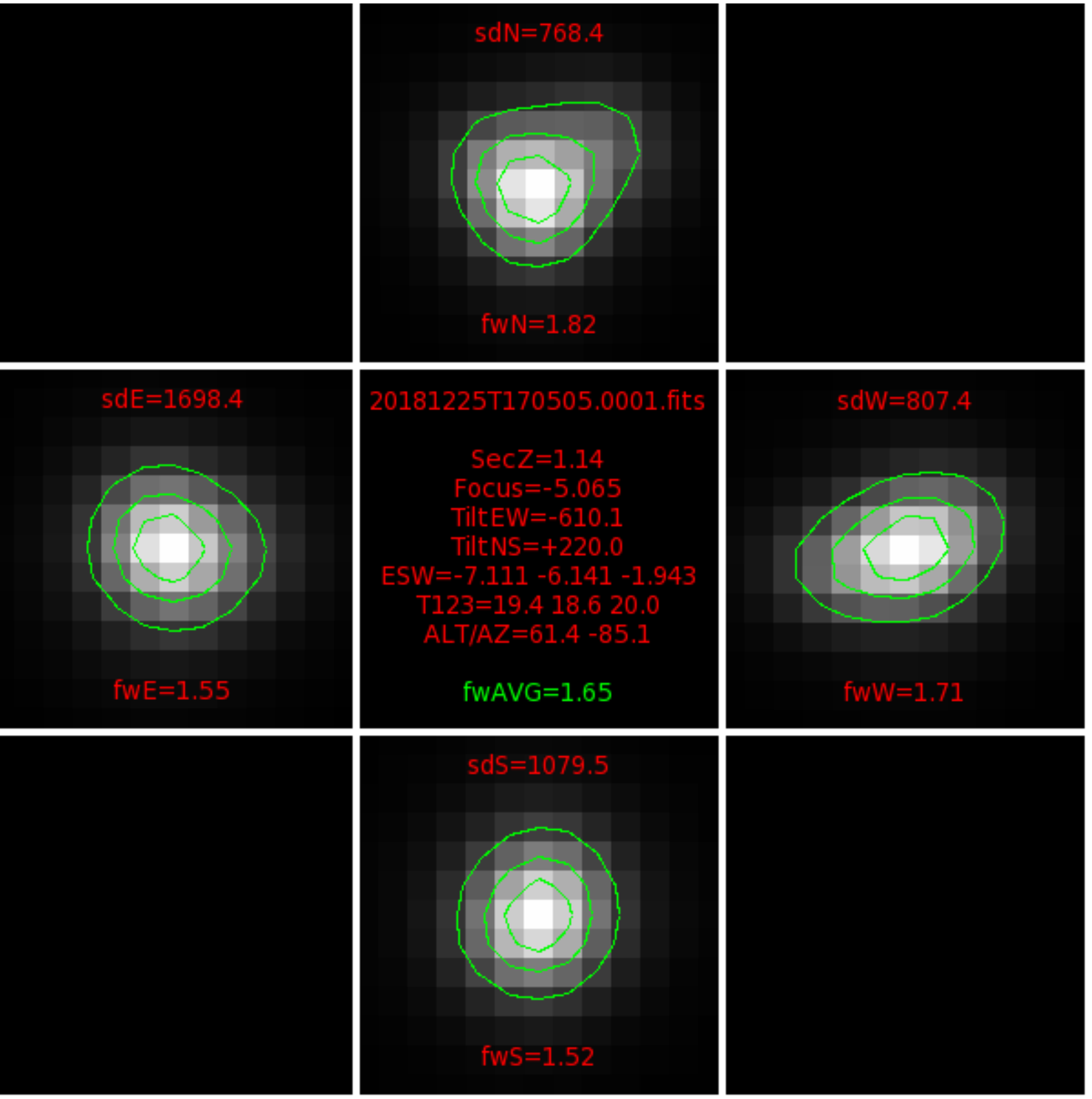

sdN=79.4
fwN=2.40
sdE=197.8
fwE=2.12
20181225T165948.0001.fits
SecZ=1.13
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.5 18.6 20.0
ALT/AZ=62.5 -85.6
fwAVG=2.24
sdW=69.0
fwW=2.35
sdS=58.4
fwS=2.08
0 0 0 0 0 0 0 0 0

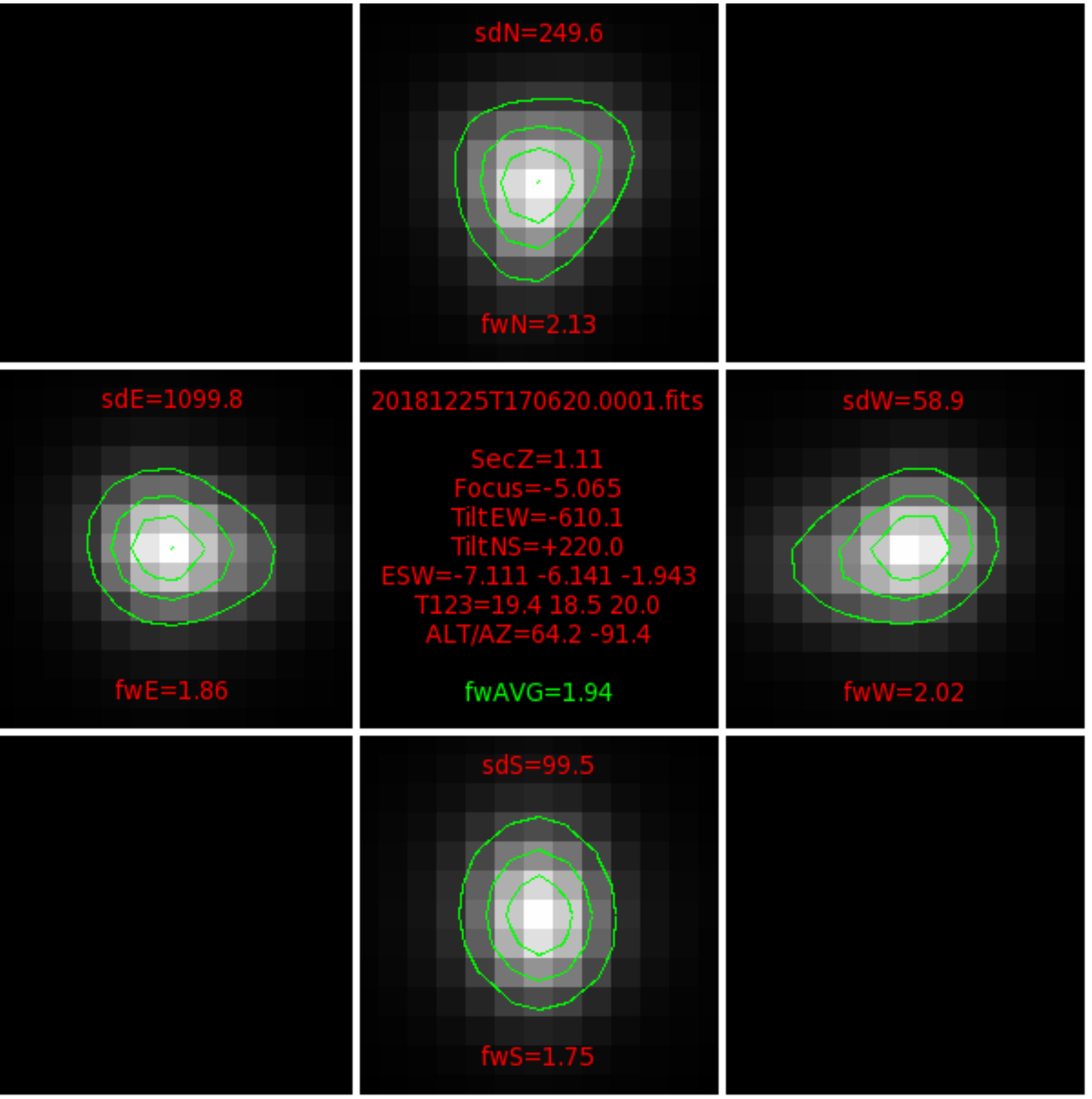

sdN=325.5
fwN=2.29
sdE=615.1
fwE=2.12
20181225T170036.0001.fits
SecZ=1.13
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.5 18.6 20.0
ALT/AZ=62.3 -85.5
fwAVG=2.18
sdW=320.0
fwW=2.29
sdS=244.0
fwS=2.02
0 0 0 0 0 0 0 0 0

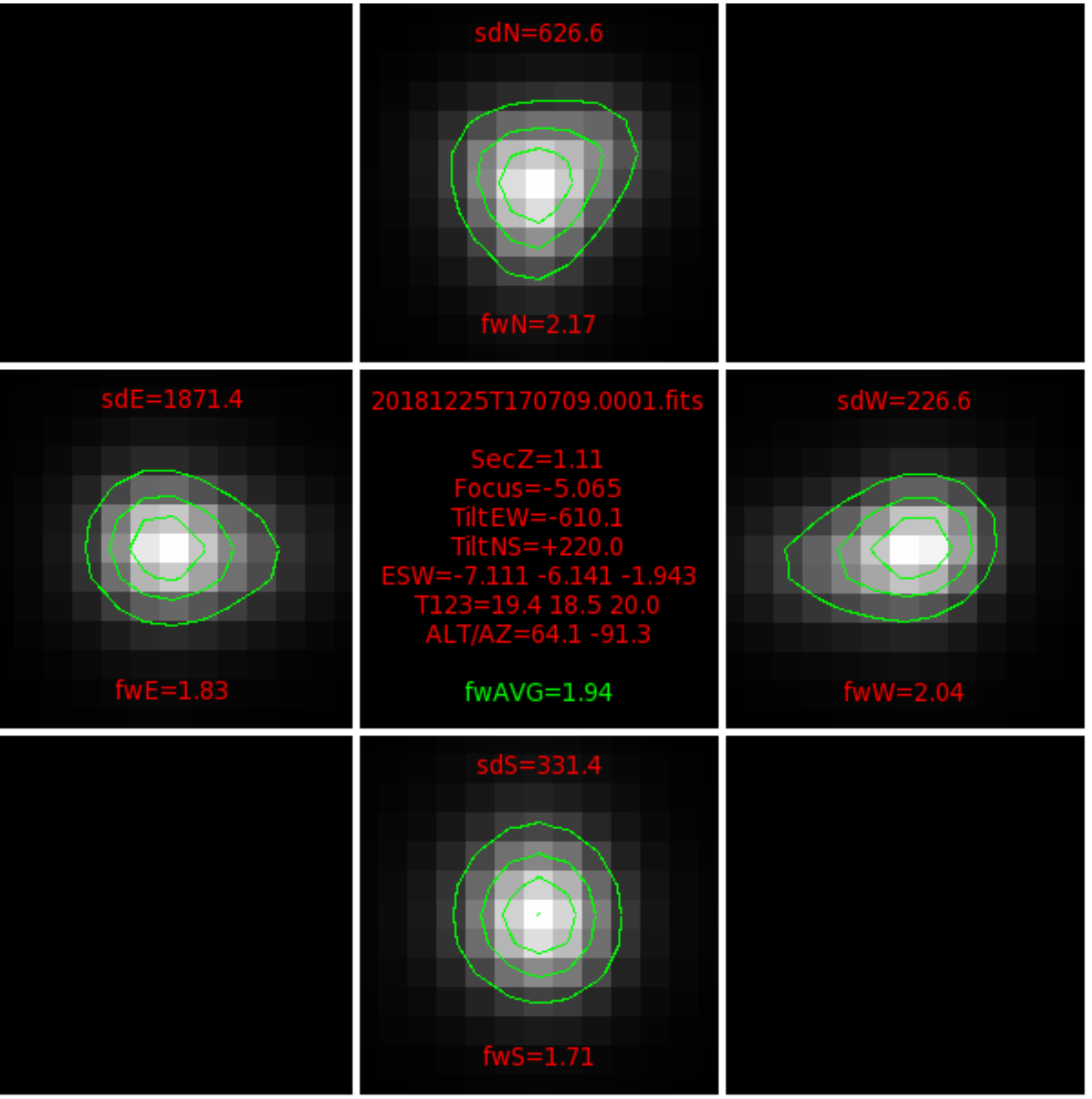

sdN=131.8
fwN=2.20
sdE=424.5
fwE=1.79
20181225T170158.0001.fits
SecZ=1.13
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.4 0.0 20.0
ALT/AZ=62.0 -85.4
fwAVG=1.96
sdW=126.6
fwW=2.06
sdS=112.3
fwS=1.78
0 0 0 0 0 0 0 0 0

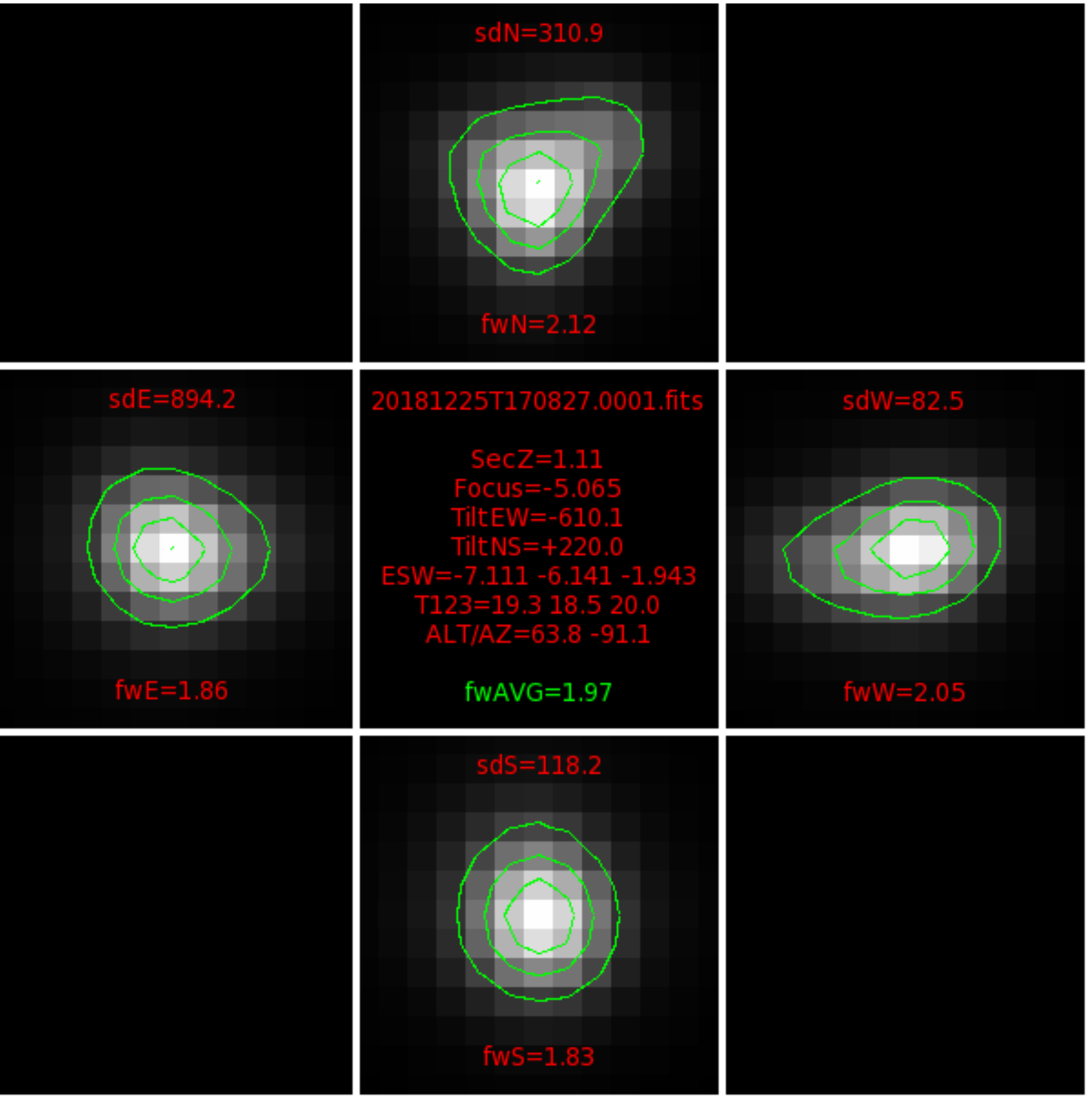

sdN=457.0
fwN=2.23
sdE=940.2
fwE=1.89
20181225T170247.0001.fits
SecZ=1.13
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.5 0.0 20.0
ALT/AZ=61.9 -85.3
fwAVG=2.02
sdW=458.4
fwW=2.15
sdS=437.2
fwS=1.81
0 0 0 0 0 0 0 0 0

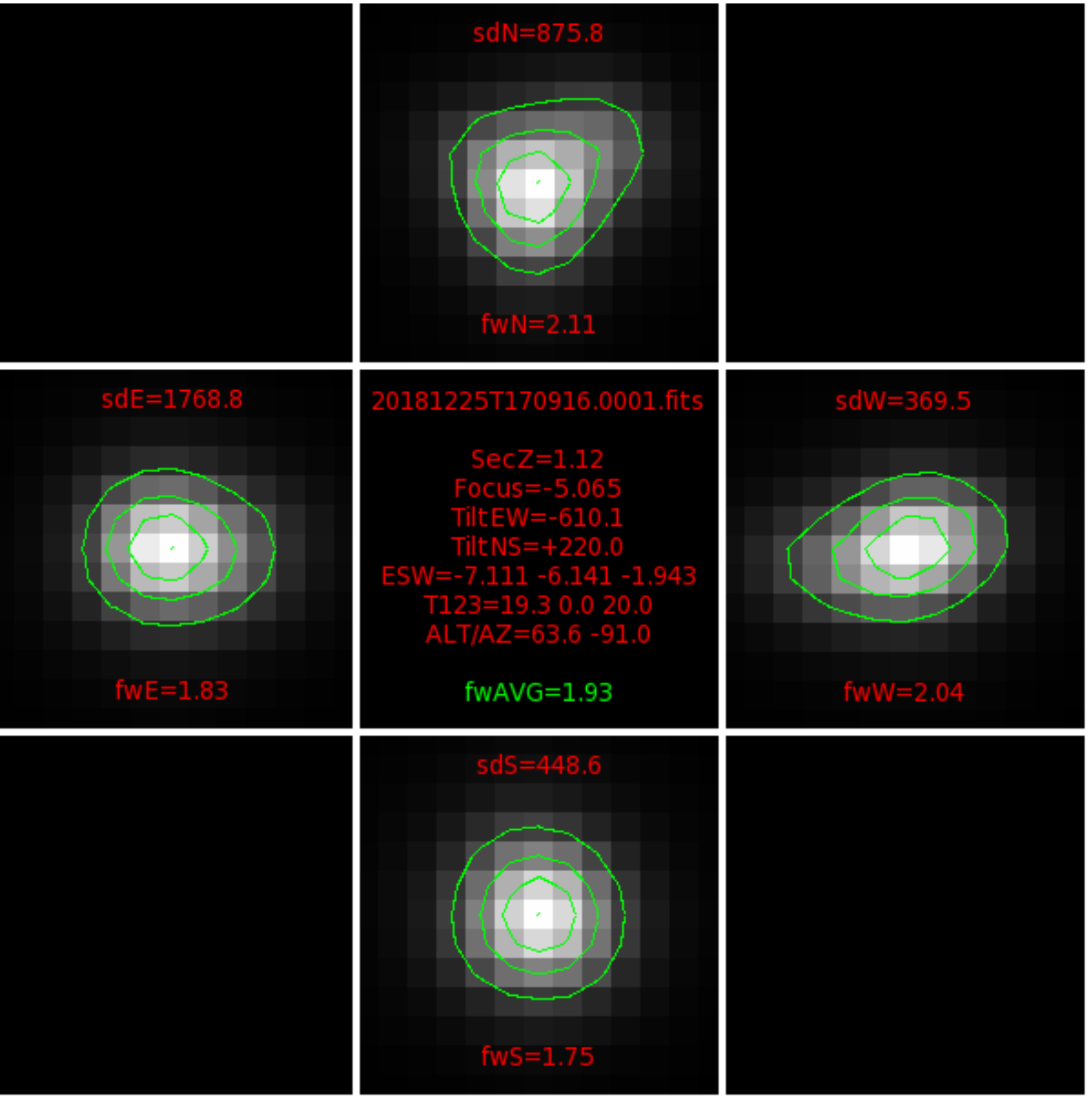

sdN=260.6
fwN=1.86
sdE=801.5
fwE=1.57
20181225T170408.0001.fits
SecZ=1.14
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.4 18.5 20.0
ALT/AZ=61.6 -85.2
fwAVG=1.69
sdW=248.1
fwW=1.82
sdS=326.1
fwS=1.52
0 0 0 0 0 0 0 0 0

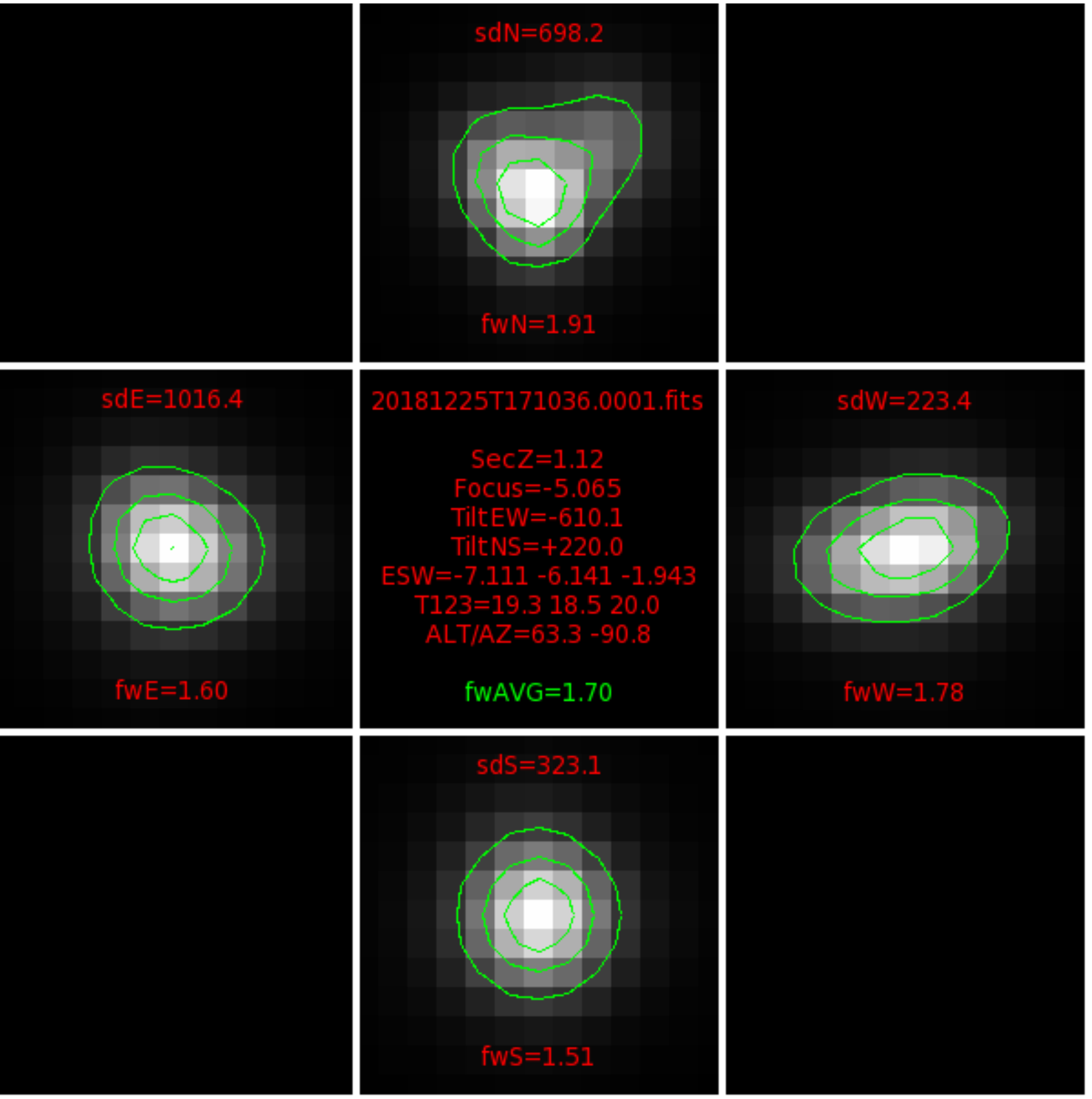

sdN=768.4
fwN=1.82
sdE=1698.4
fwE=1.55
20181225T170505.0001.fits
SecZ=1.14
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.4 18.6 20.0
ALT/AZ=61.4 -85.1
fwAVG=1.65
sdW=807.4
fwW=1.71
sdS=1079.5
fwS=1.52
0 0 0 0 0 0 0 0 0

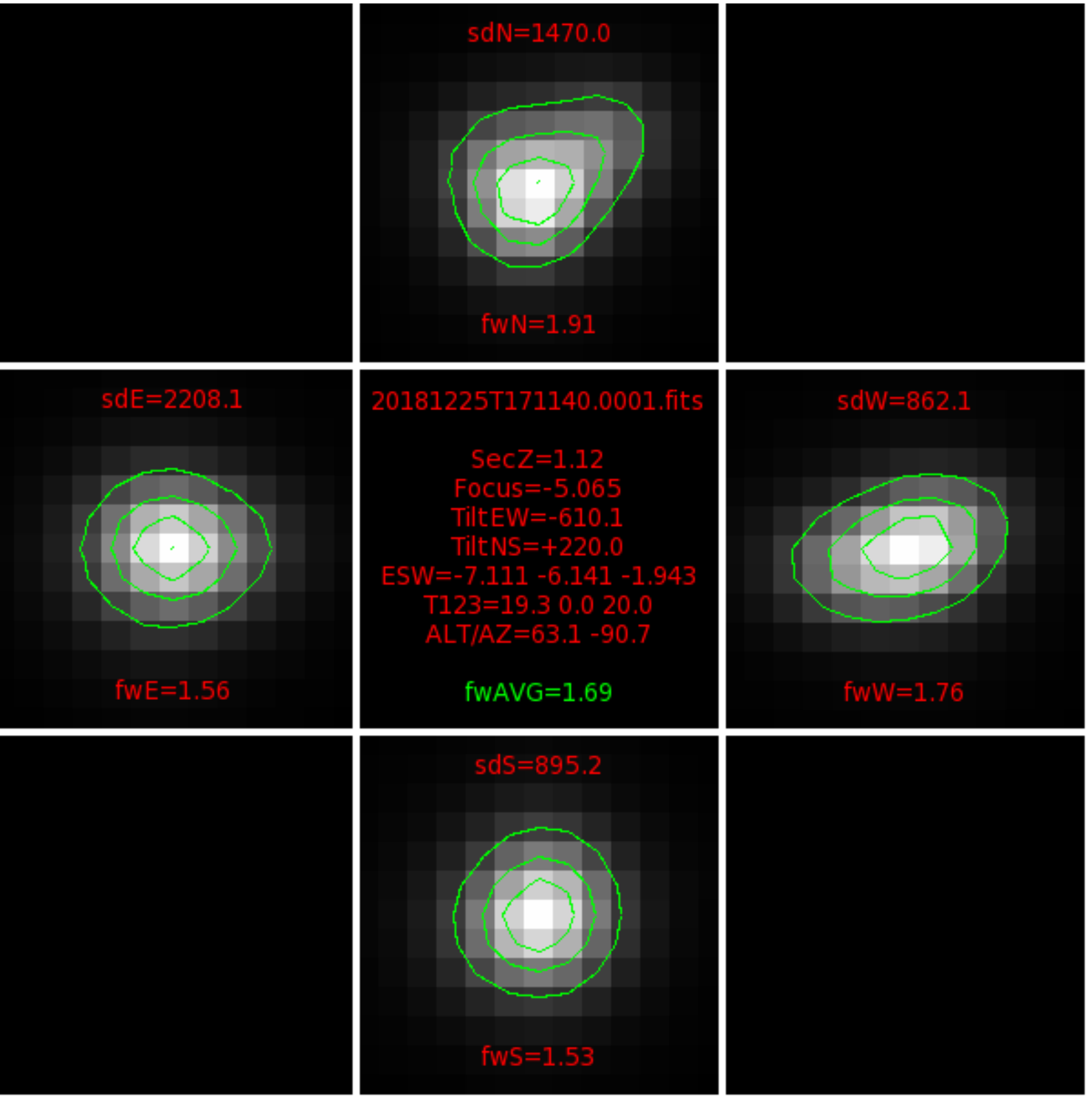

sdN=249.6
fwN=2.13
sdE=1099.8
fwE=1.86
20181225T170620.0001.fits
SecZ=1.11
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.4 18.5 20.0
ALT/AZ=64.2 -91.4
fwAVG=1.94
sdW=58.9
fwW=2.02
sdS=99.5
fwS=1.75
0 0 0 0 0 0 0 0 0

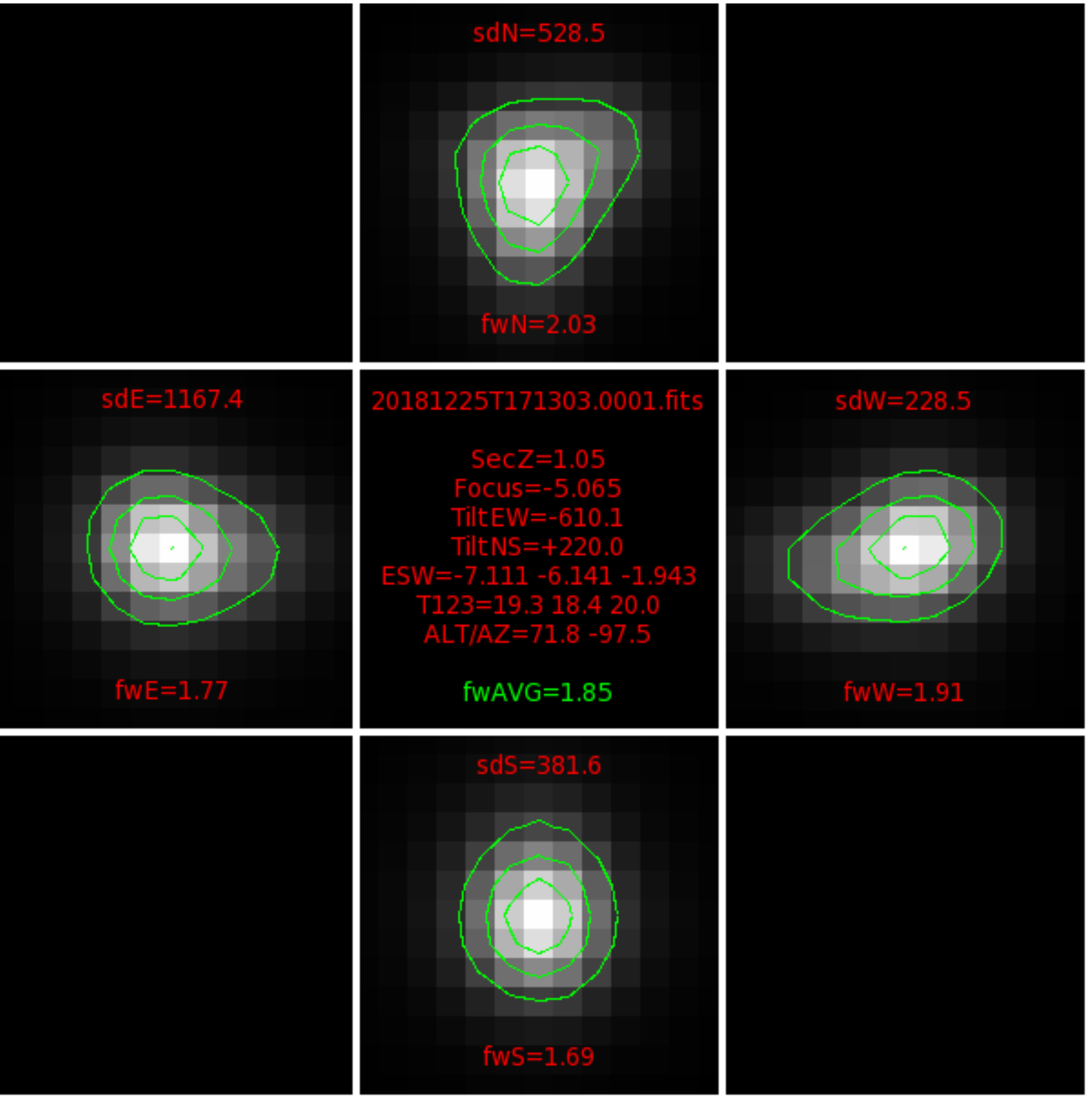

sdN=626.6
fwN=2.17
sdE=1871.4
fwE=1.83
20181225T170709.0001.fits
SecZ=1.11
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.4 18.5 20.0
ALT/AZ=64.1 -91.3
fwAVG=1.94
sdW=226.6
fwW=2.04
sdS=331.4
fwS=1.71
0 0 0 0 0 0 0 0 0

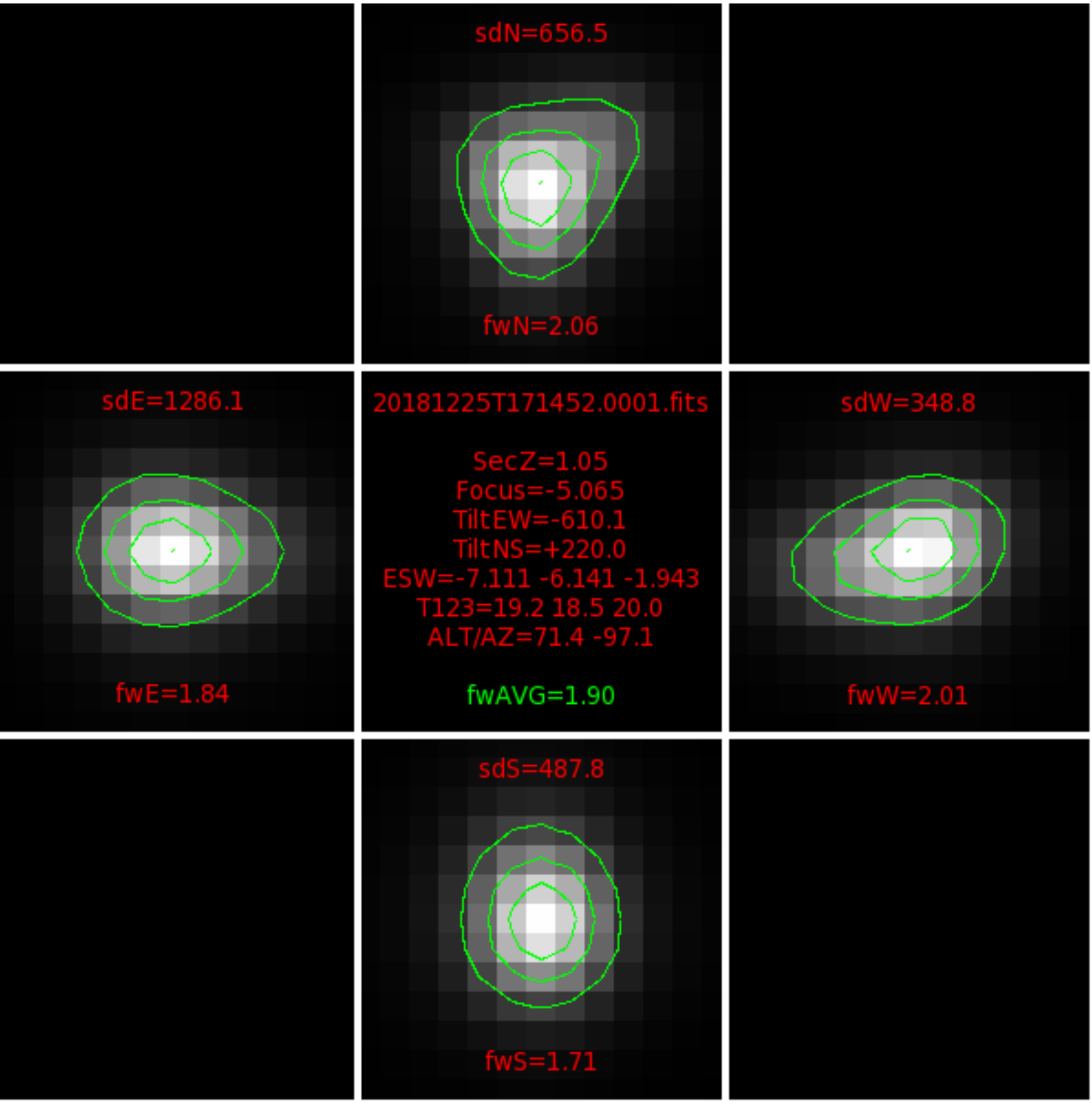

sdN=310.9
fwN=2.12
sdE=894.2
fwE=1.86
20181225T170827.0001.fits
SecZ=1.11
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.5 20.0
ALT/AZ=63.8 -91.1
fwAVG=1.97
sdW=82.5
fwW=2.05
sdS=118.2
fwS=1.83
0 0 0 0 0 0 0 0 0

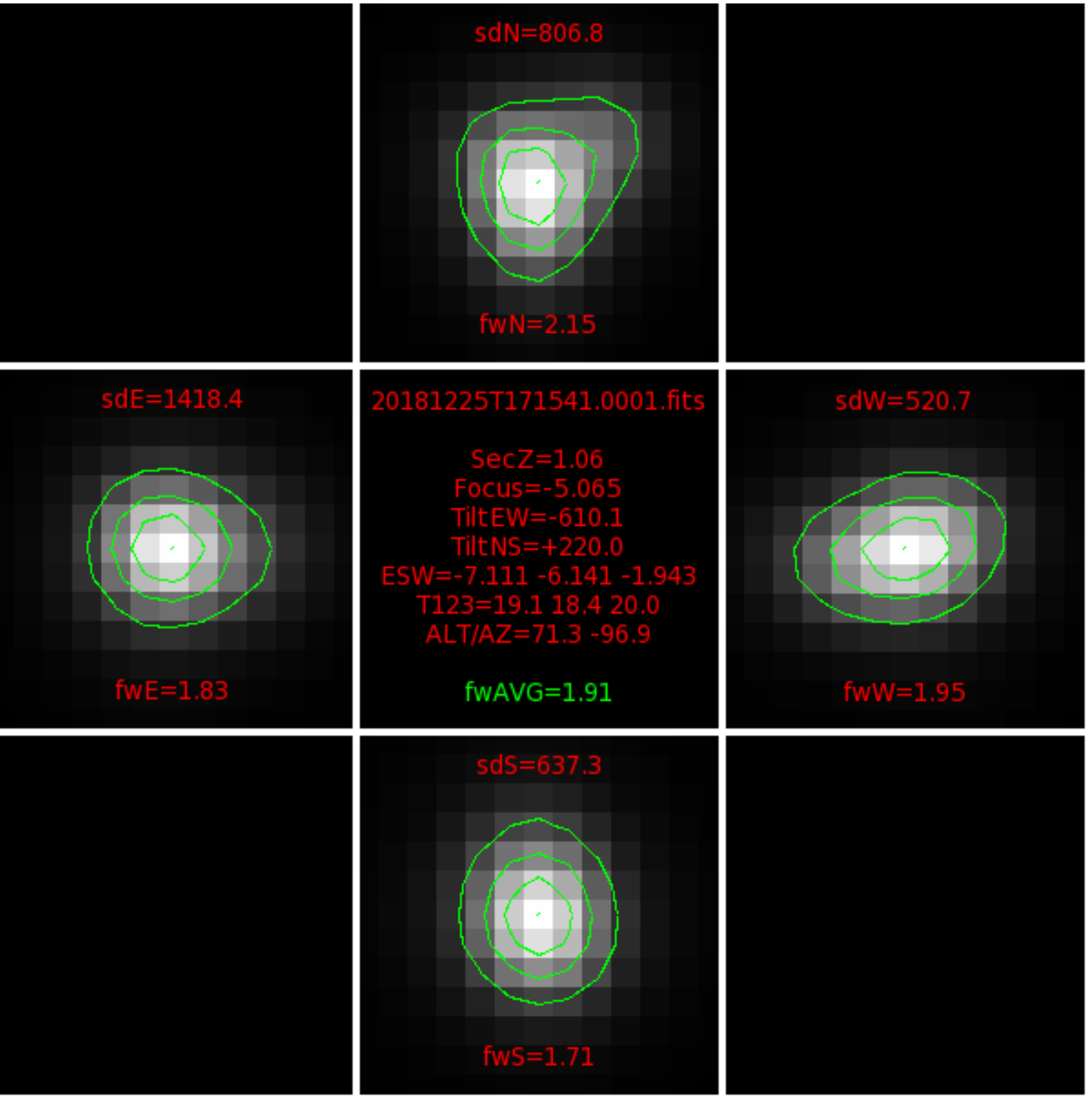

sdN=875.8
fwN=2.11
sdE=1768.8
fwE=1.83
20181225T170916.0001.fits
SecZ=1.12
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 0.0 20.0
ALT/AZ=63.6 -91.0
fwAVG=1.93
sdW=369.5
fwW=2.04
sdS=448.6
fwS=1.75
0 0 0 0 0 0 0 0 0

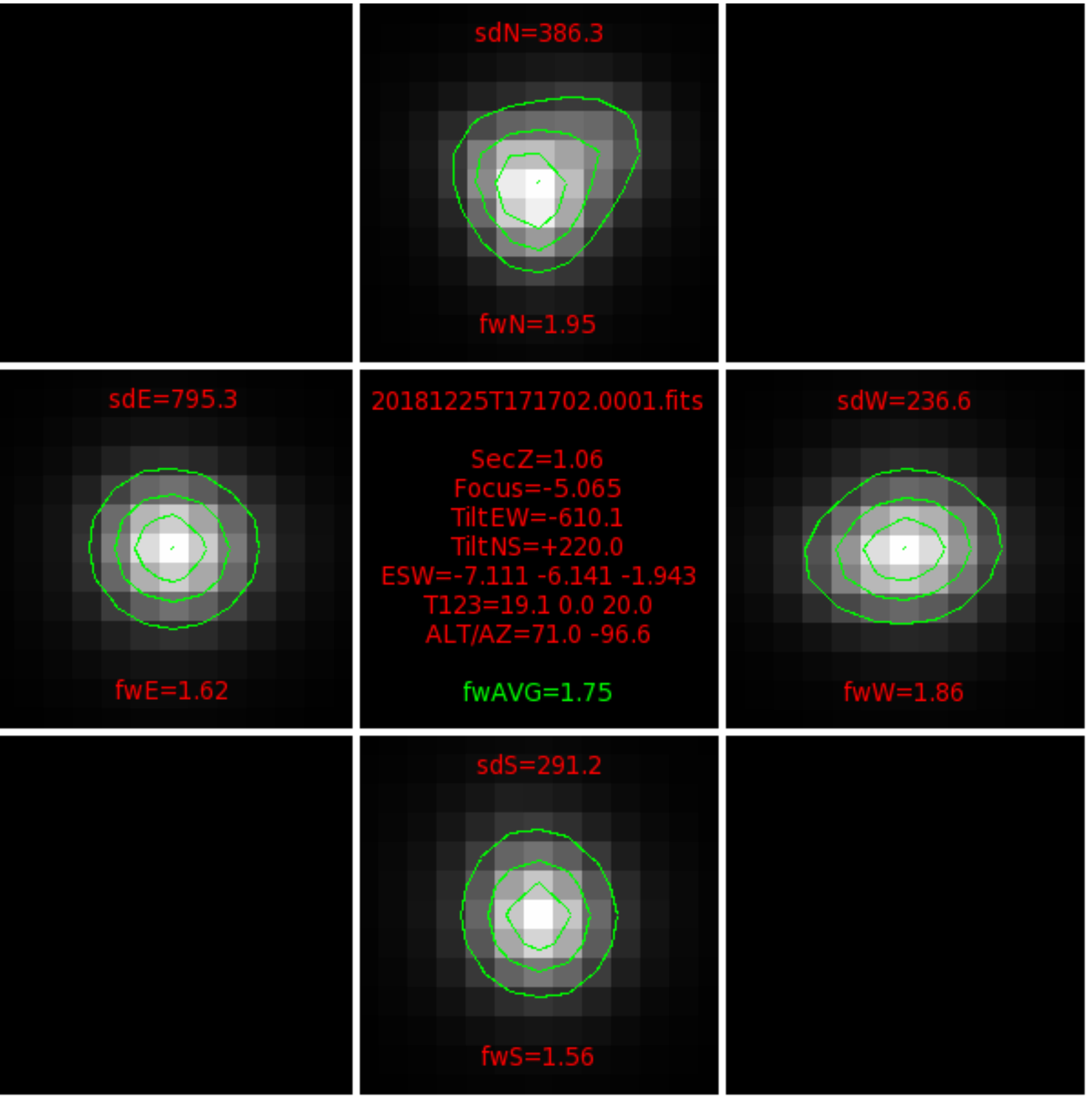

sdN=698.2
fwN=1.91
sdE=1016.4
fwE=1.60
20181225T171036.0001.fits
SecZ=1.12
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.5 20.0
ALT/AZ=63.3 -90.8
fwAVG=1.70
sdW=223.4
fwW=1.78
sdS=323.1
fwS=1.51
0 0 0 0 0 0 0 0 0

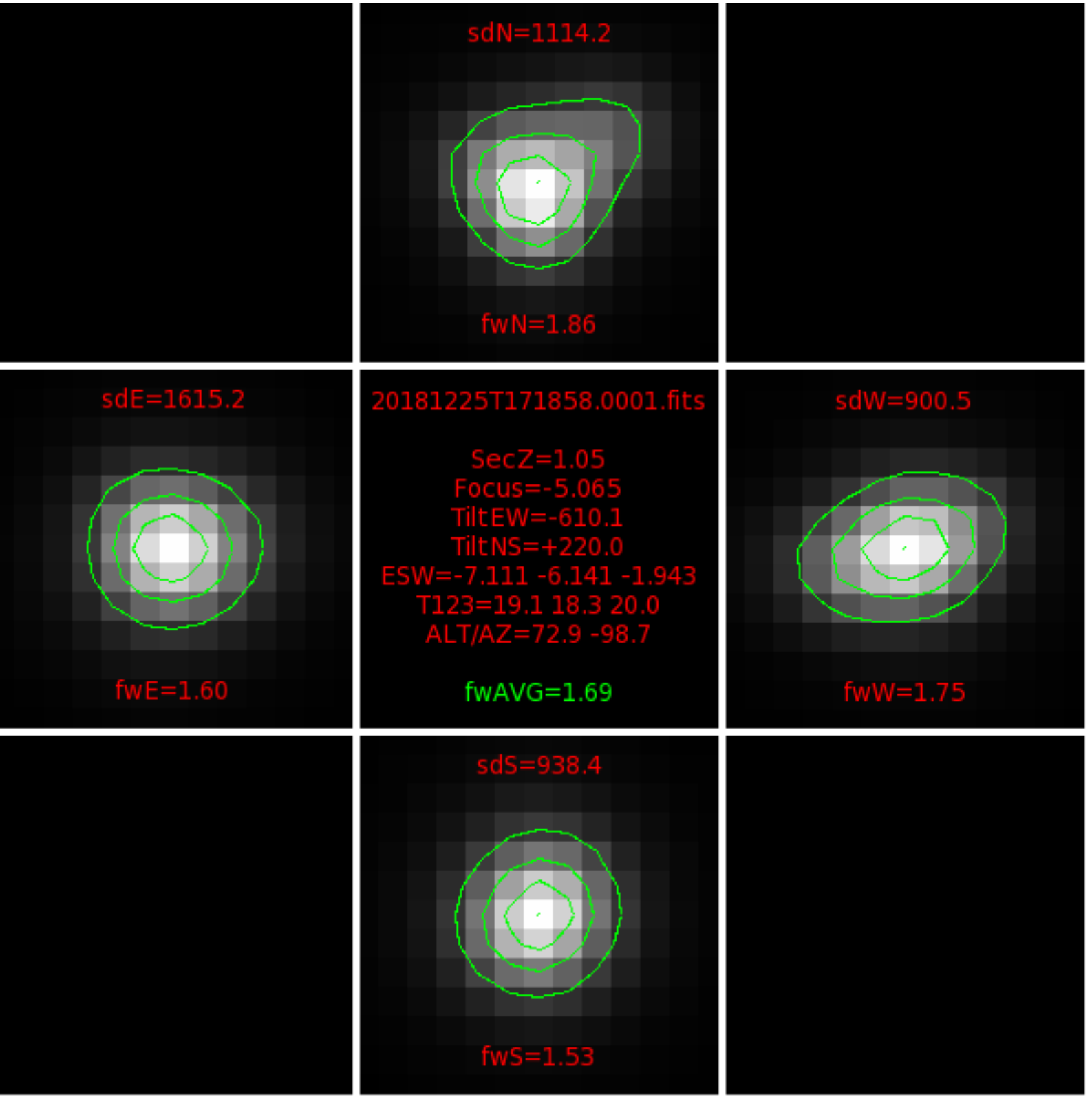

sdN=1470.0
fwN=1.91
sdE=2208.1
fwE=1.56
20181225T171140.0001.fits
SecZ=1.12
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 0.0 20.0
ALT/AZ=63.1 -90.7
fwAVG=1.69
sdW=862.1
fwW=1.76
sdS=895.2
fwS=1.53
0 0 0 0 0 0 0 0 0

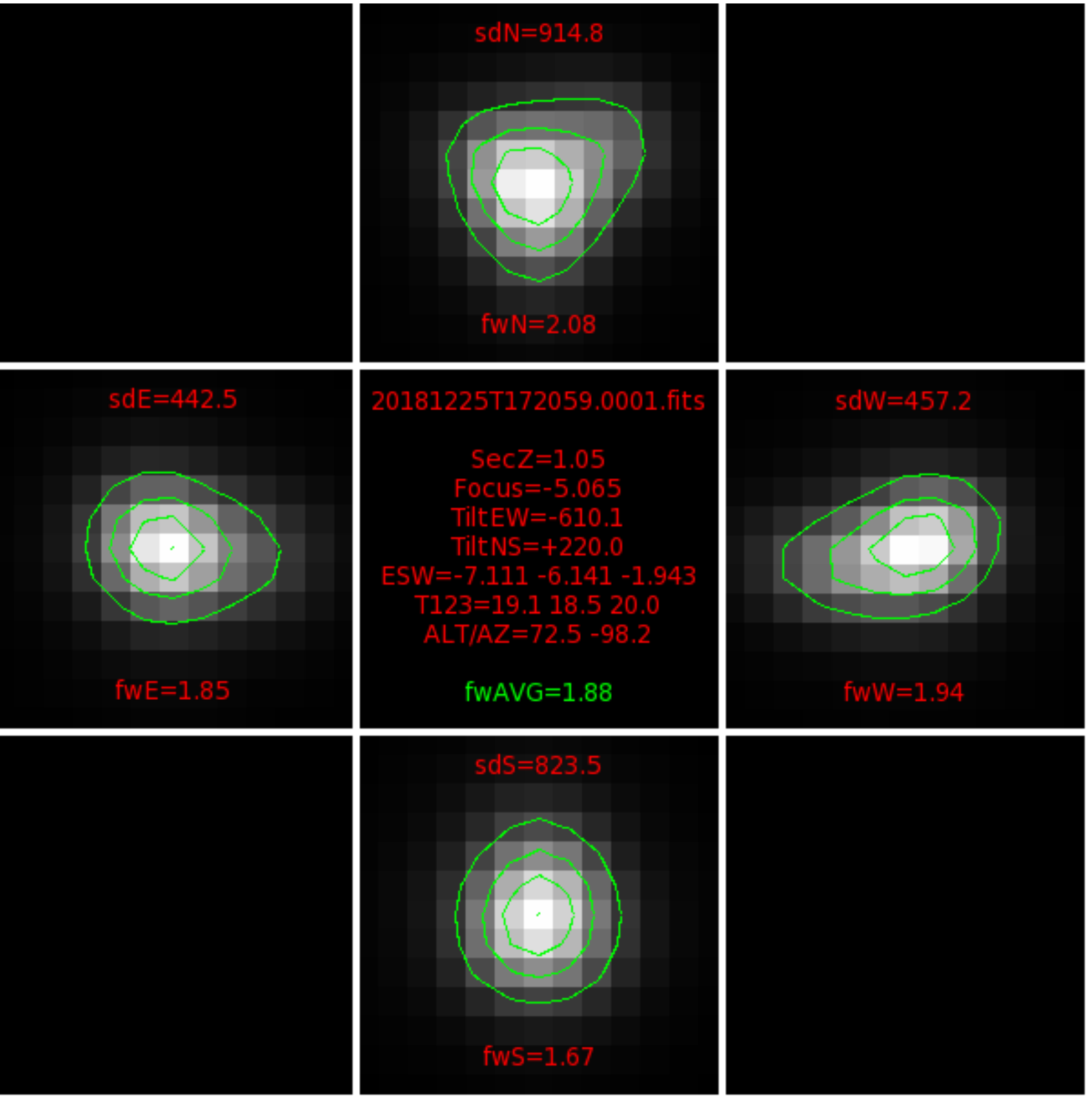

sdN=528.5
fwN=2.03
sdE=1167.4
fwE=1.77
20181225T171303.0001.fits
SecZ=1.05
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.4 20.0
ALT/AZ=71.8 -97.5
fwAVG=1.85
sdW=228.5
fwW=1.91
sdS=381.6
fwS=1.69
0 0 0 0 0 0 0 0 0

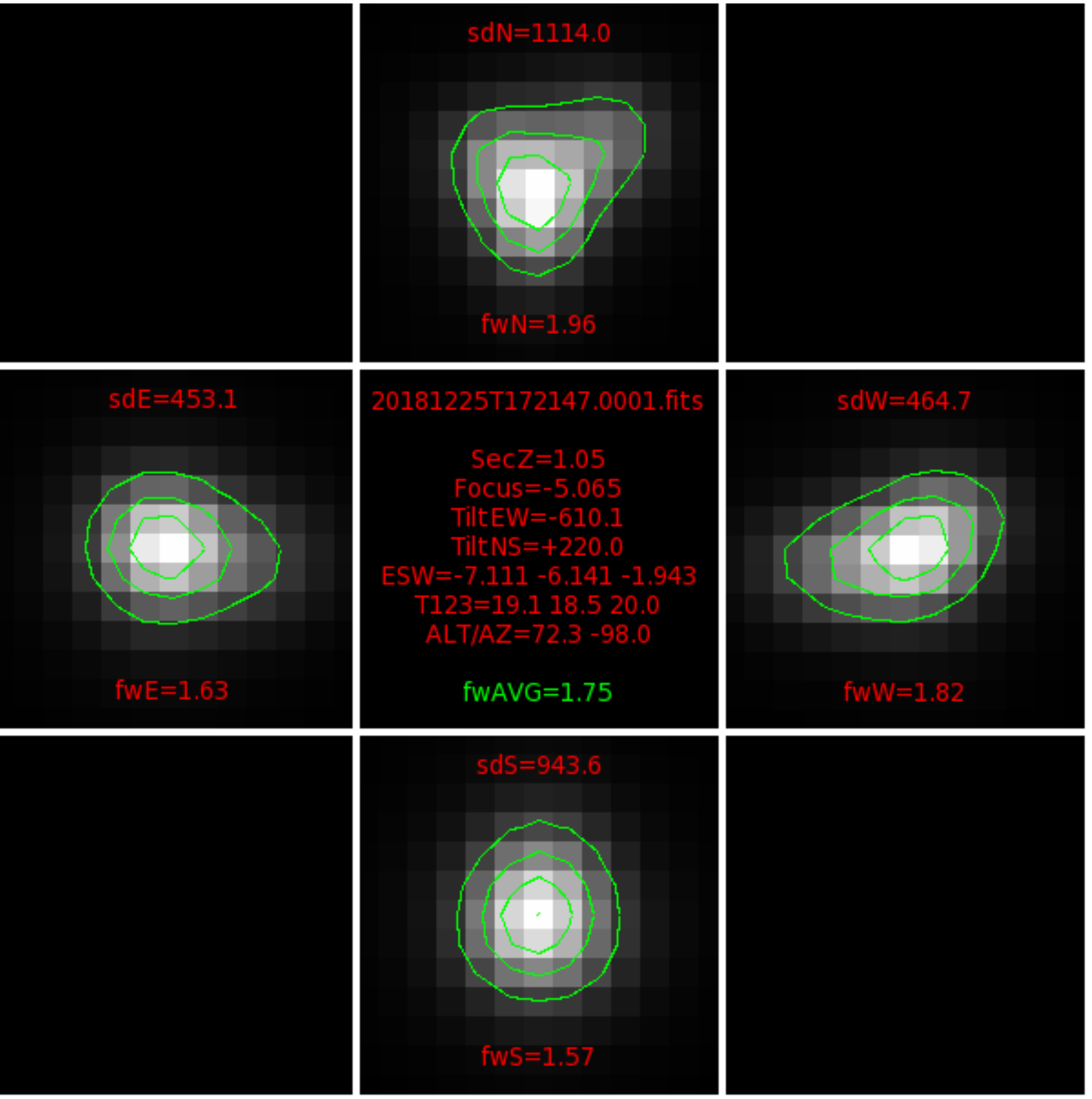

sdN=656.5
fwN=2.06
sdE=1286.1
fwE=1.84
20181225T171452.0001.fits
SecZ=1.05
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.2 18.5 20.0
ALT/AZ=71.4 -97.1
fwAVG=1.90
sdW=348.8
fwW=2.01
sdS=487.8
fwS=1.71
0 0 0 0 0 0 0 0 0

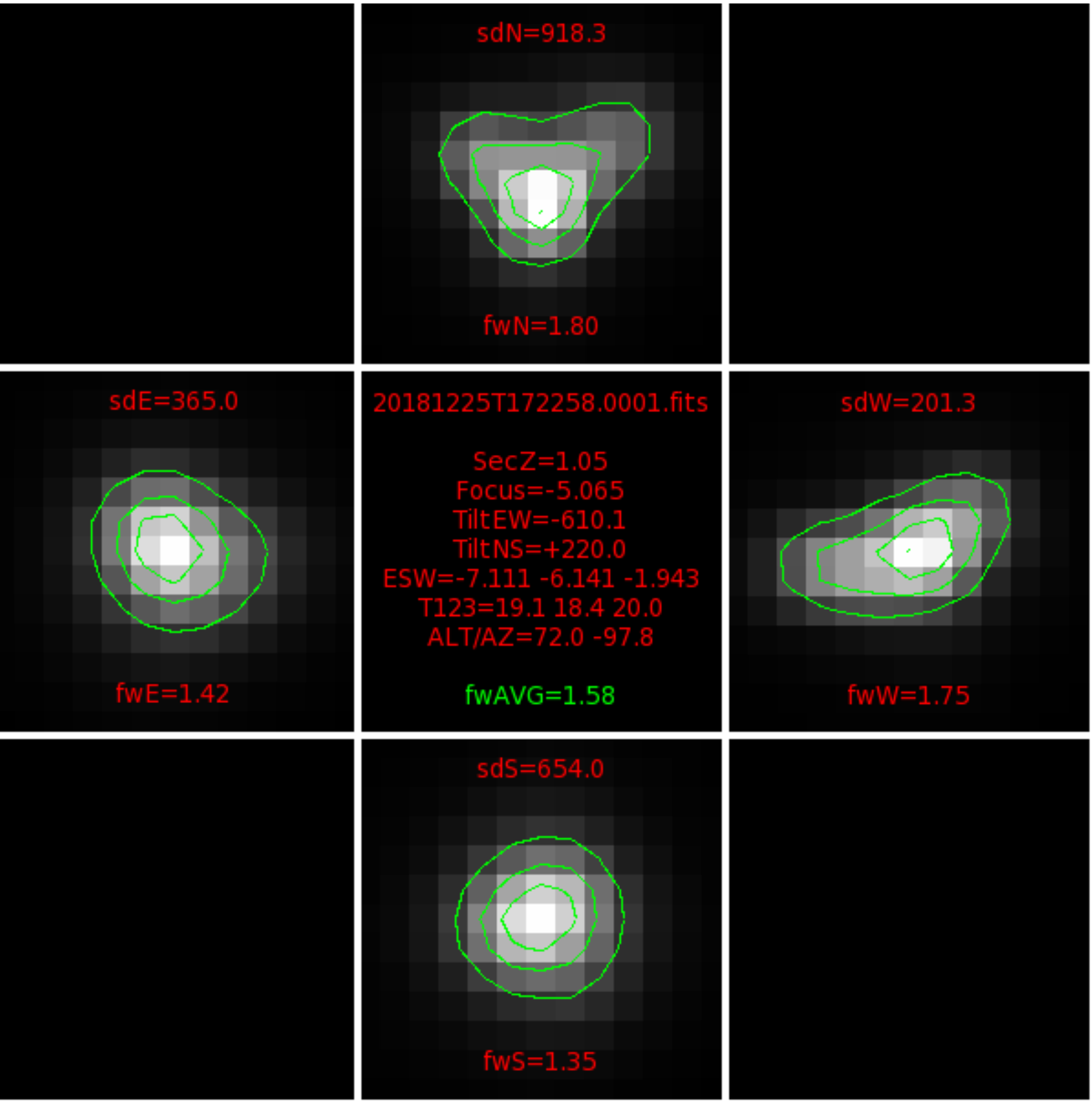

sdN=806.8
fwN=2.15
sdE=1418.4
fwE=1.83
20181225T171541.0001.fits
SecZ=1.06
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.1 18.4 20.0
ALT/AZ=71.3 -96.9
fwAVG=1.91
sdW=520.7
fwW=1.95
sdS=637.3
fwS=1.71
0 0 0 0 0 0 0 0 0

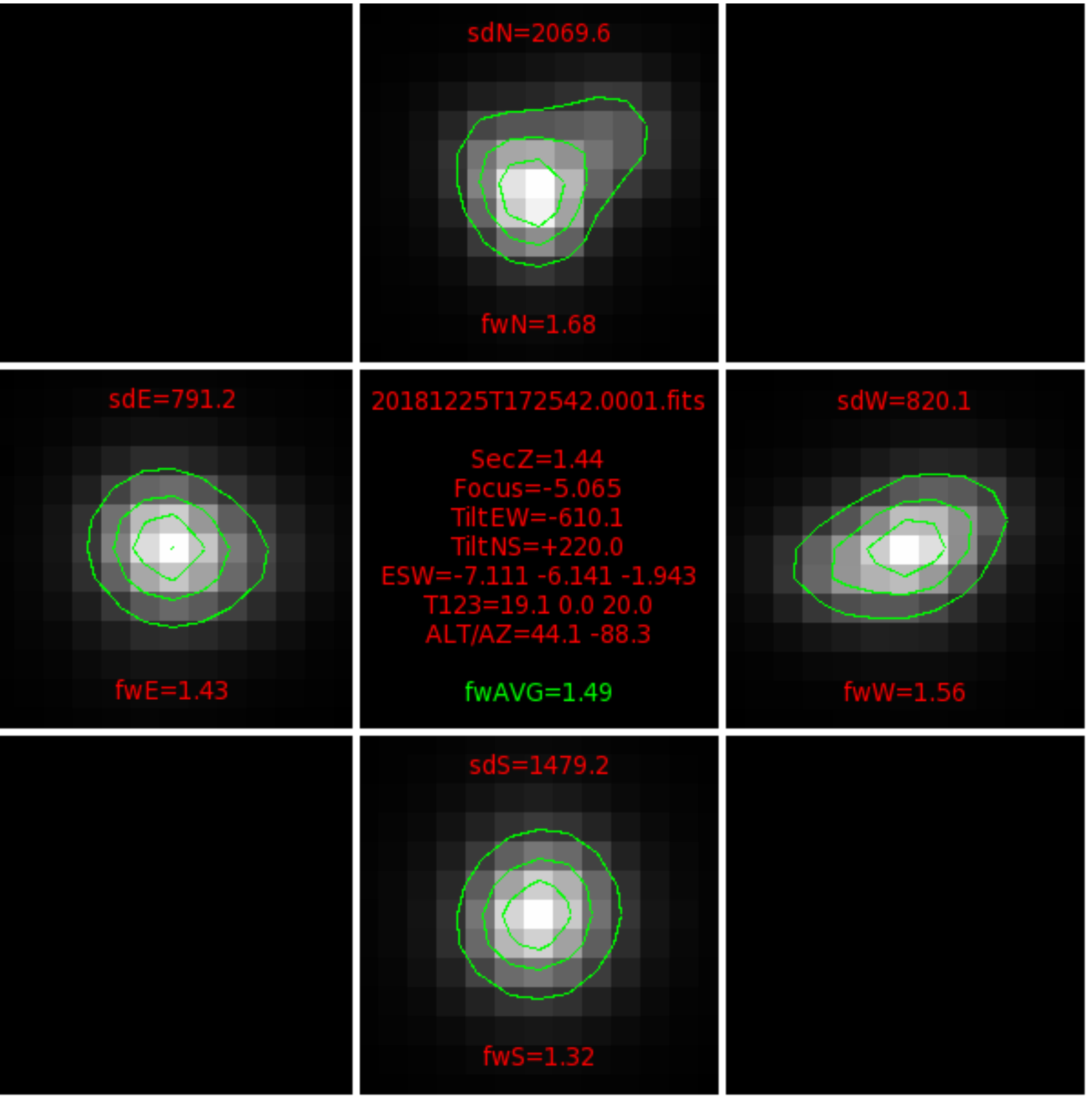

sdN=386.3
fwN=1.95
sdE=795.3
fwE=1.62
20181225T171702.0001.fits
SecZ=1.06
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.1 0.0 20.0
ALT/AZ=71.0 -96.6
fwAVG=1.75
sdW=236.6
fwW=1.86
sdS=291.2
fwS=1.56
0 0 0 0 0 0 0 0 0

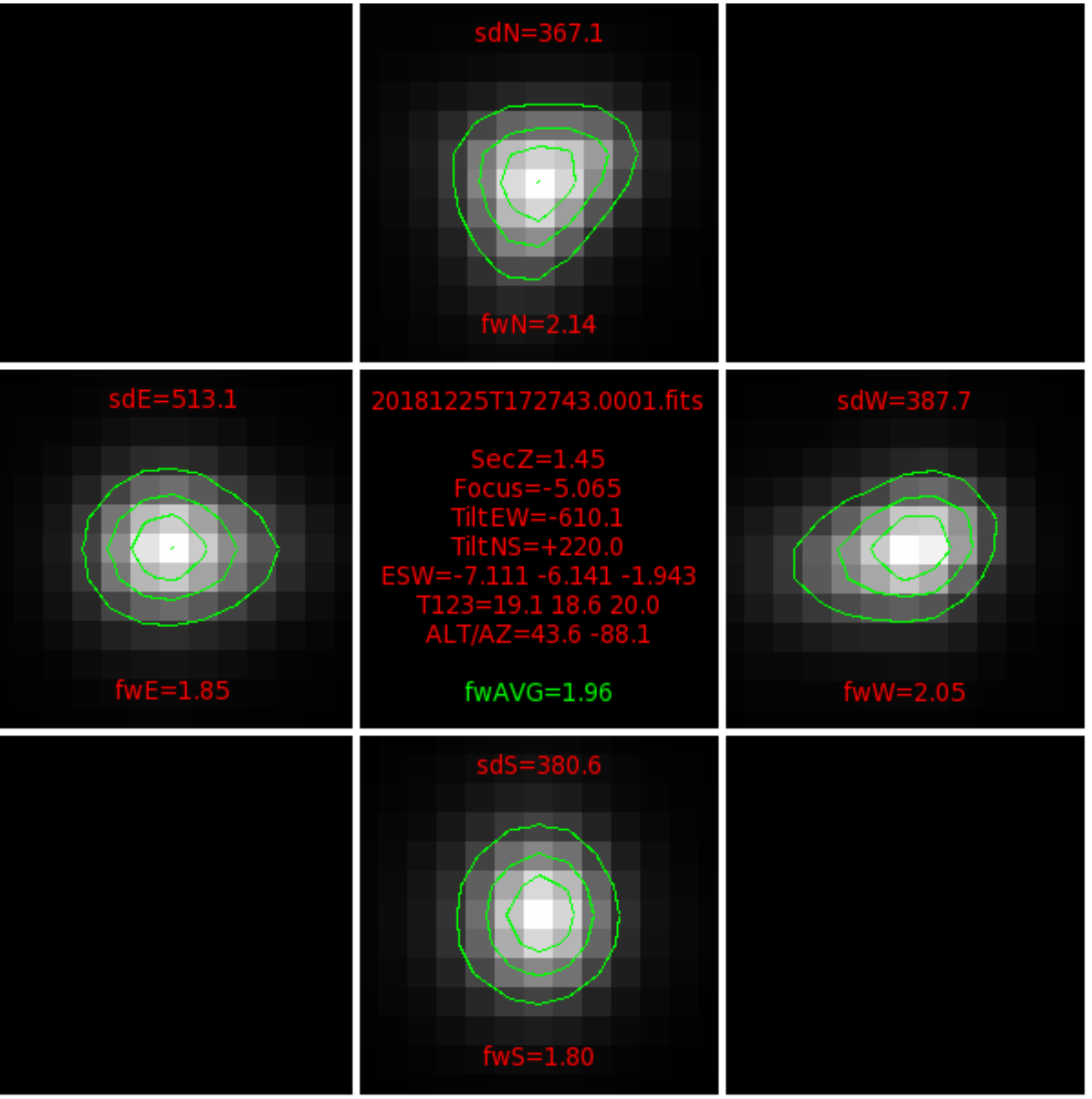

sdN=1114.2
fwN=1.86
sdE=1615.2
fwE=1.60
20181225T171858.0001.fits
SecZ=1.05
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.1 18.3 20.0
ALT/AZ=72.9 -98.7
fwAVG=1.69
sdW=900.5
fwW=1.75
sdS=938.4
fwS=1.53
0 0 0 0 0 0 0 0 0

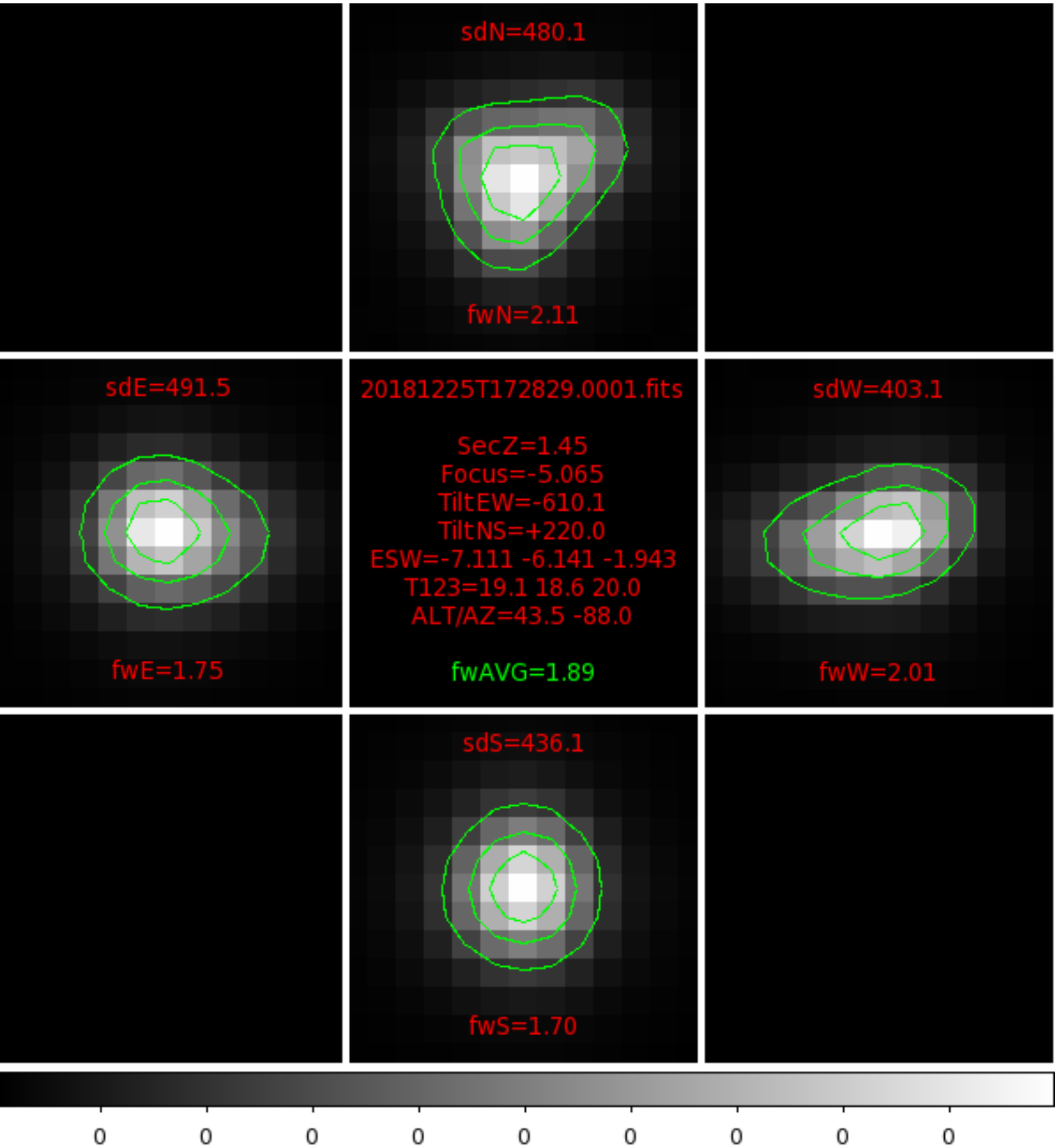

sdN=914.8
fwN=2.08
sdE=442.5
fwE=1.85
20181225T172059.0001.fits
SecZ=1.05
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.1 18.5 20.0
ALT/AZ=72.5 -98.2
fwAVG=1.88
sdW=457.2
fwW=1.94
sdS=823.5
fwS=1.67
0 0 0 0 0 0 0 0 0

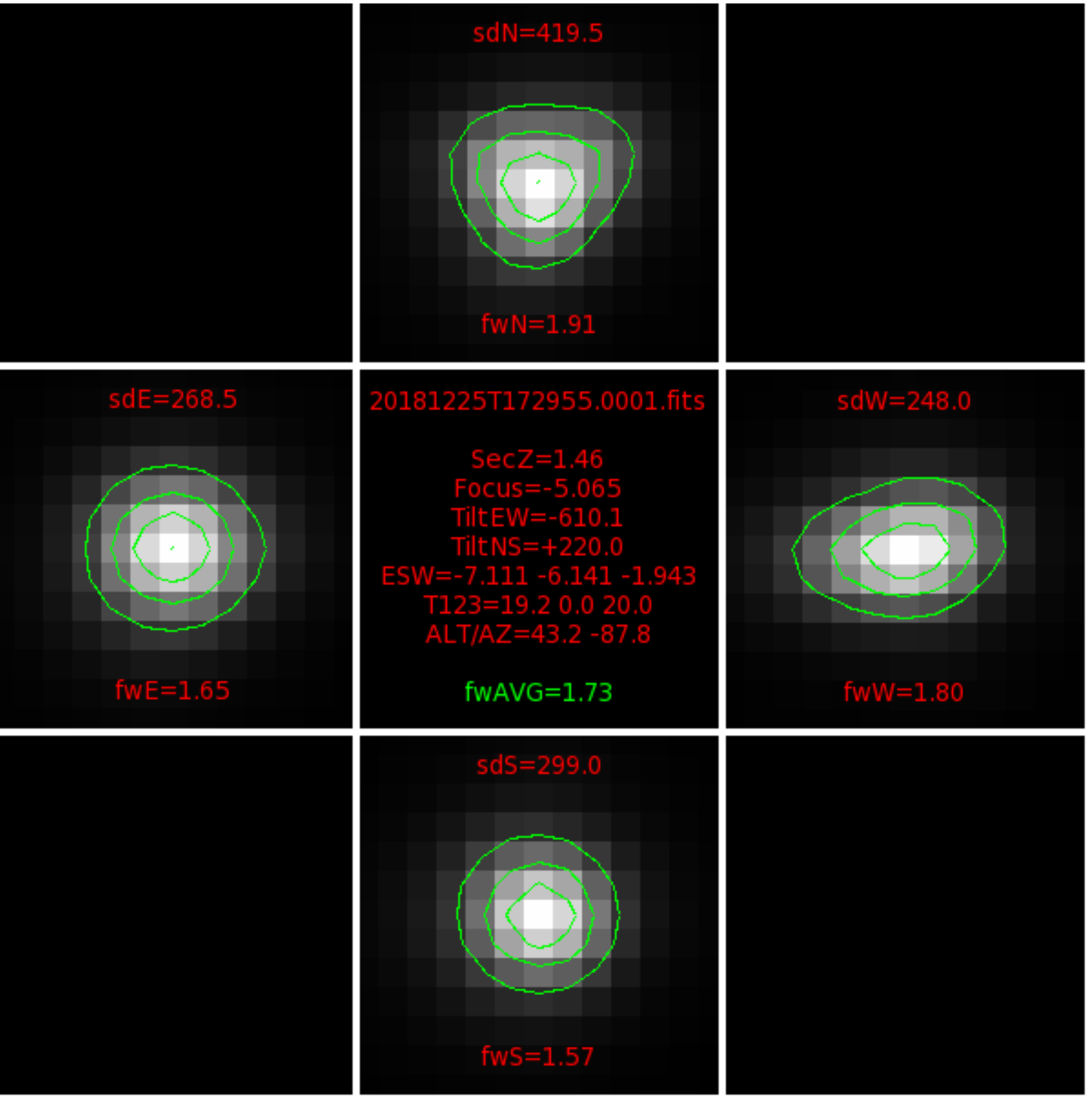

sdN=1114.0
fwN=1.96
sdE=453.1
fwE=1.63
20181225T172147.0001.fits
SecZ=1.05
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.1 18.5 20.0
ALT/AZ=72.3 -98.0
fwAVG=1.75
sdW=464.7
fwW=1.82
sdS=943.6
fwS=1.57
0 0 0 0 0 0 0 0 0

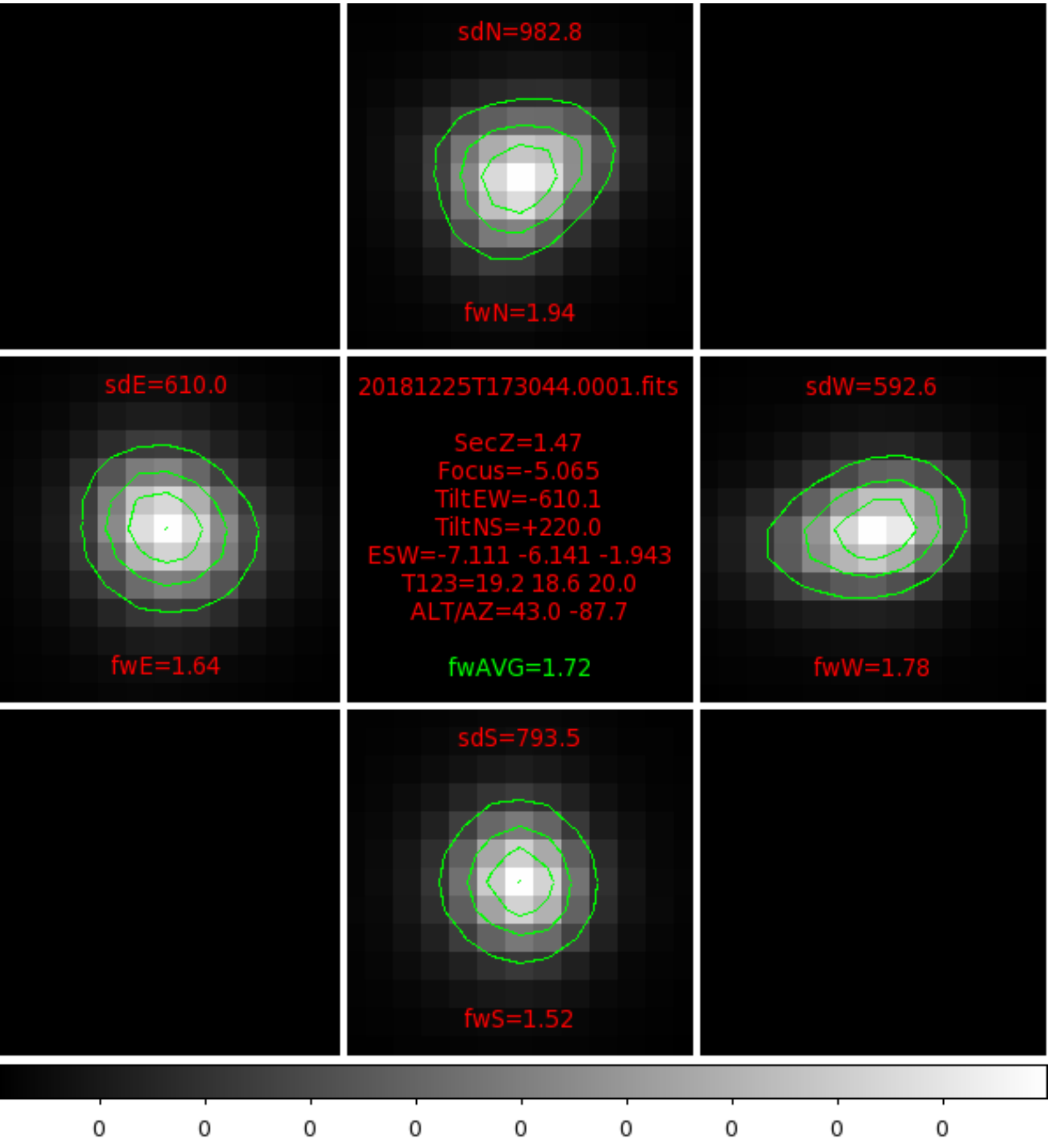

sdN=918.3
fwN=1.80
sdE=365.0
fwE=1.42
20181225T172258.0001.fits
SecZ=1.05
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.1 18.4 20.0
ALT/AZ=72.0 -97.8
fwAVG=1.58
sdW=201.3
fwW=1.75
sdS=654.0
fwS=1.35
0 0 0 0 0 0 0 0 0

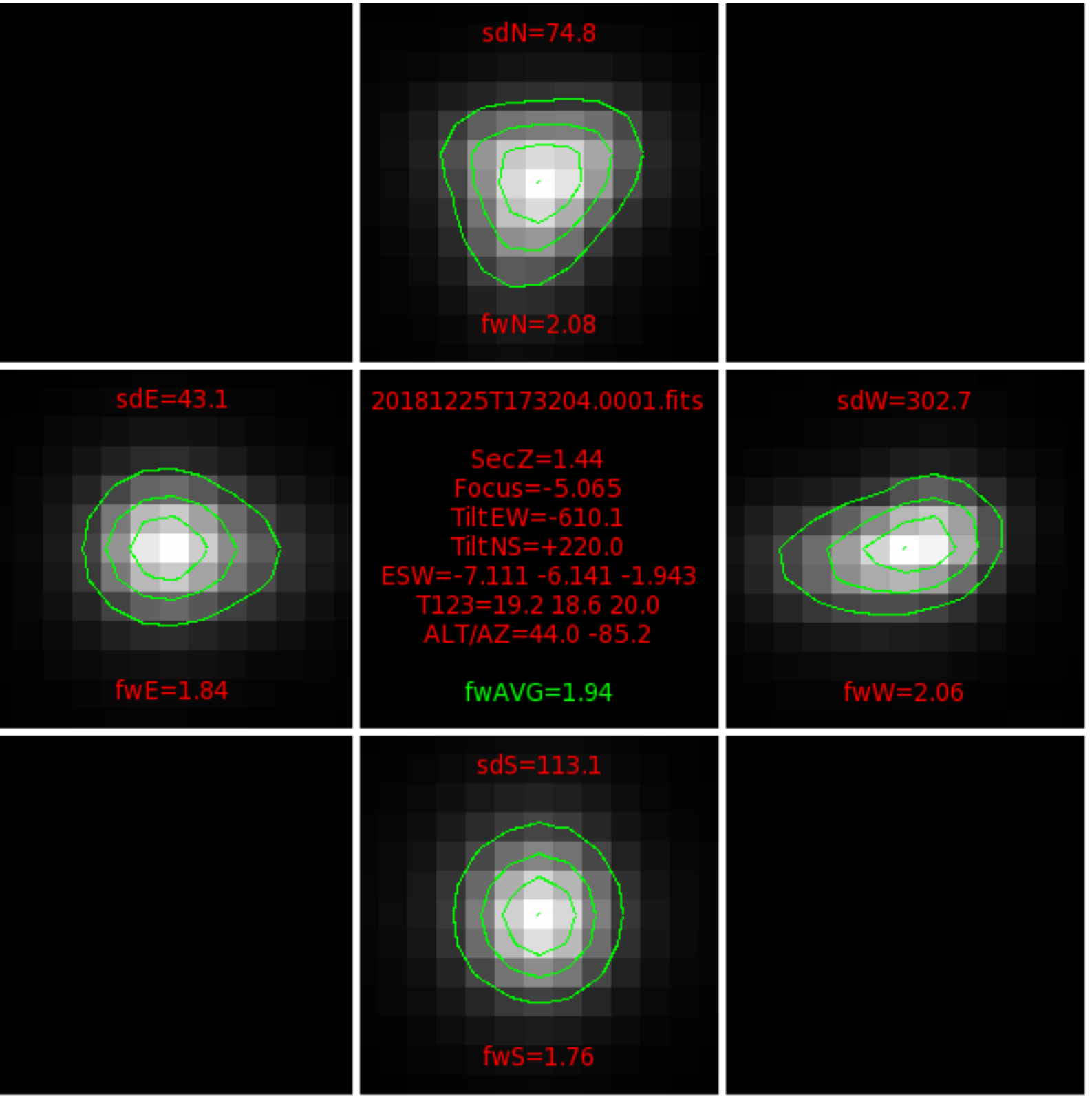

sdN=2069.6
fwN=1.68
sdE=791.2
fwE=1.43
20181225T172542.0001.fits
SecZ=1.44
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.1 0.0 20.0
ALT/AZ=44.1 -88.3
fwAVG=1.49
sdW=820.1
fwW=1.56
sdS=1479.2
fwS=1.32
0 0 0 0 0 0 0 0 0

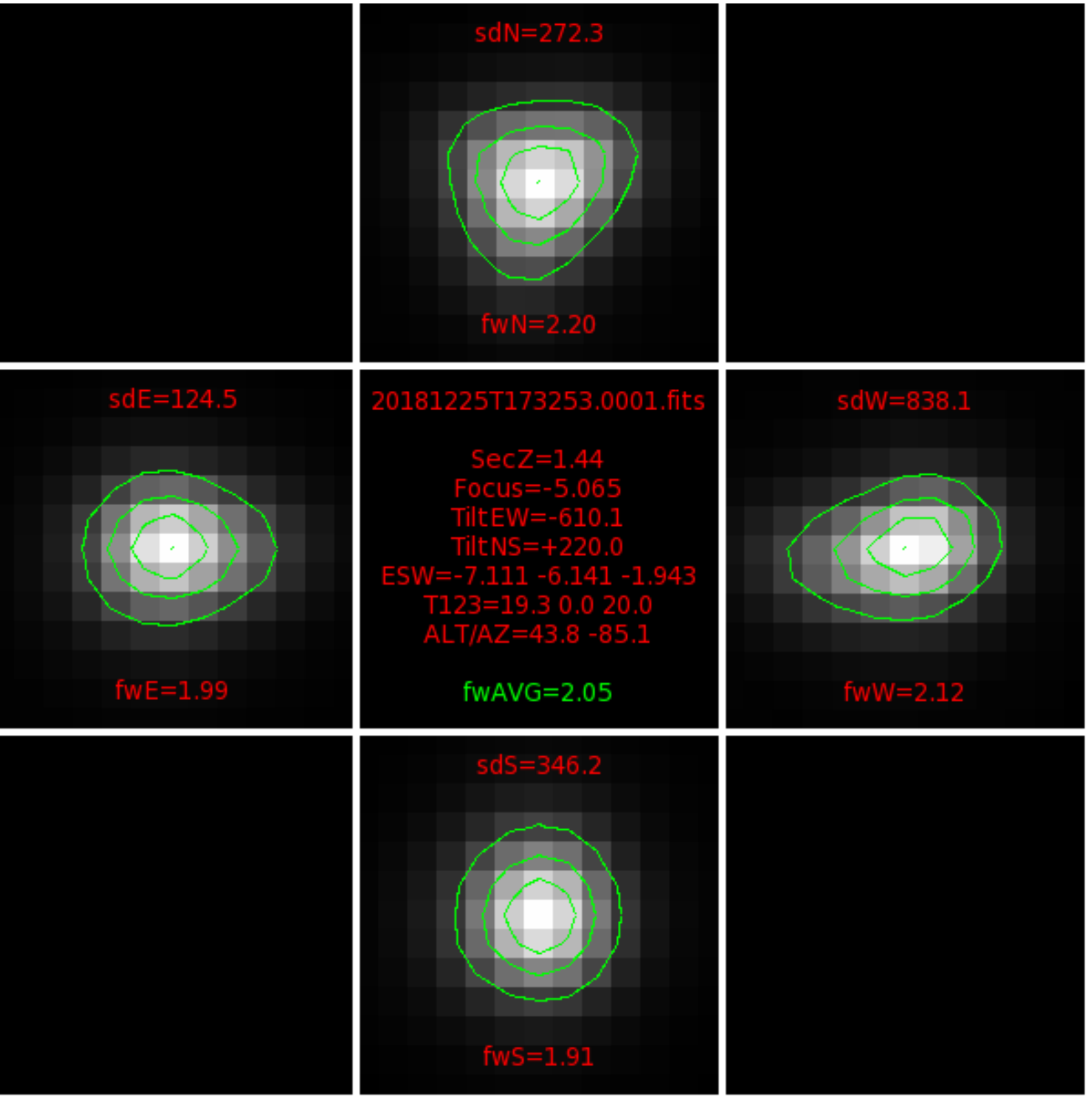

sdN=367.1
fwN=2.14
sdE=513.1
fwE=1.85
20181225T172743.0001.fits
SecZ=1.45
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.1 18.6 20.0
ALT/AZ=43.6 -88.1
fwAVG=1.96
sdW=387.7
fwW=2.05
sdS=380.6
fwS=1.80
0 0 0 0 0 0 0 0 0

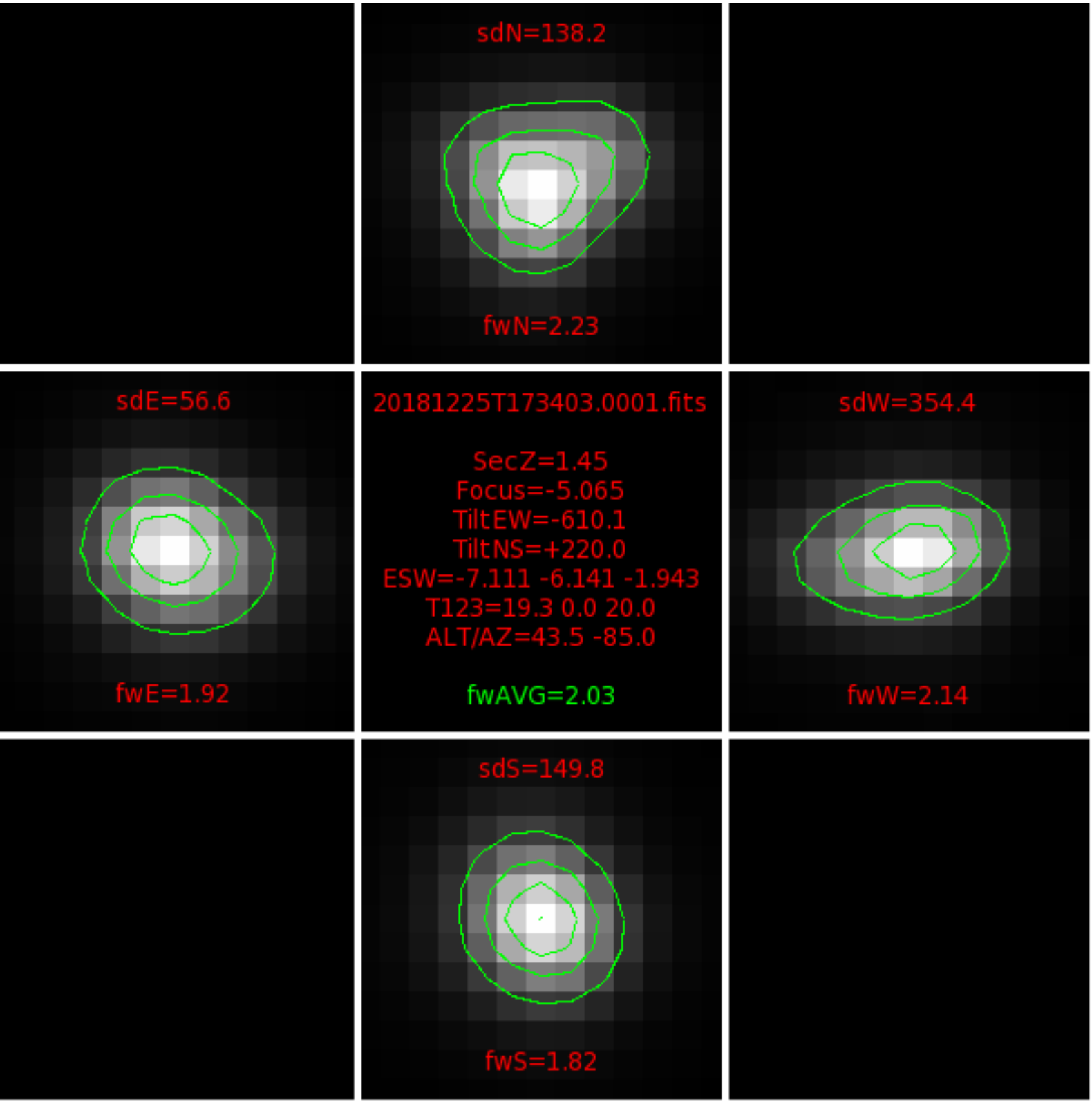

sdN=480.1
fwN=2.11
sdE=491.5
fwE=1.75
20181225T172829.0001.fits
SecZ=1.45
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.1 18.6 20.0
ALT/AZ=43.5 -88.0
fwAVG=1.89
sdW=403.1
fwW=2.01
sdS=436.1
fwS=1.70
0 0 0 0 0 0 0 0 0

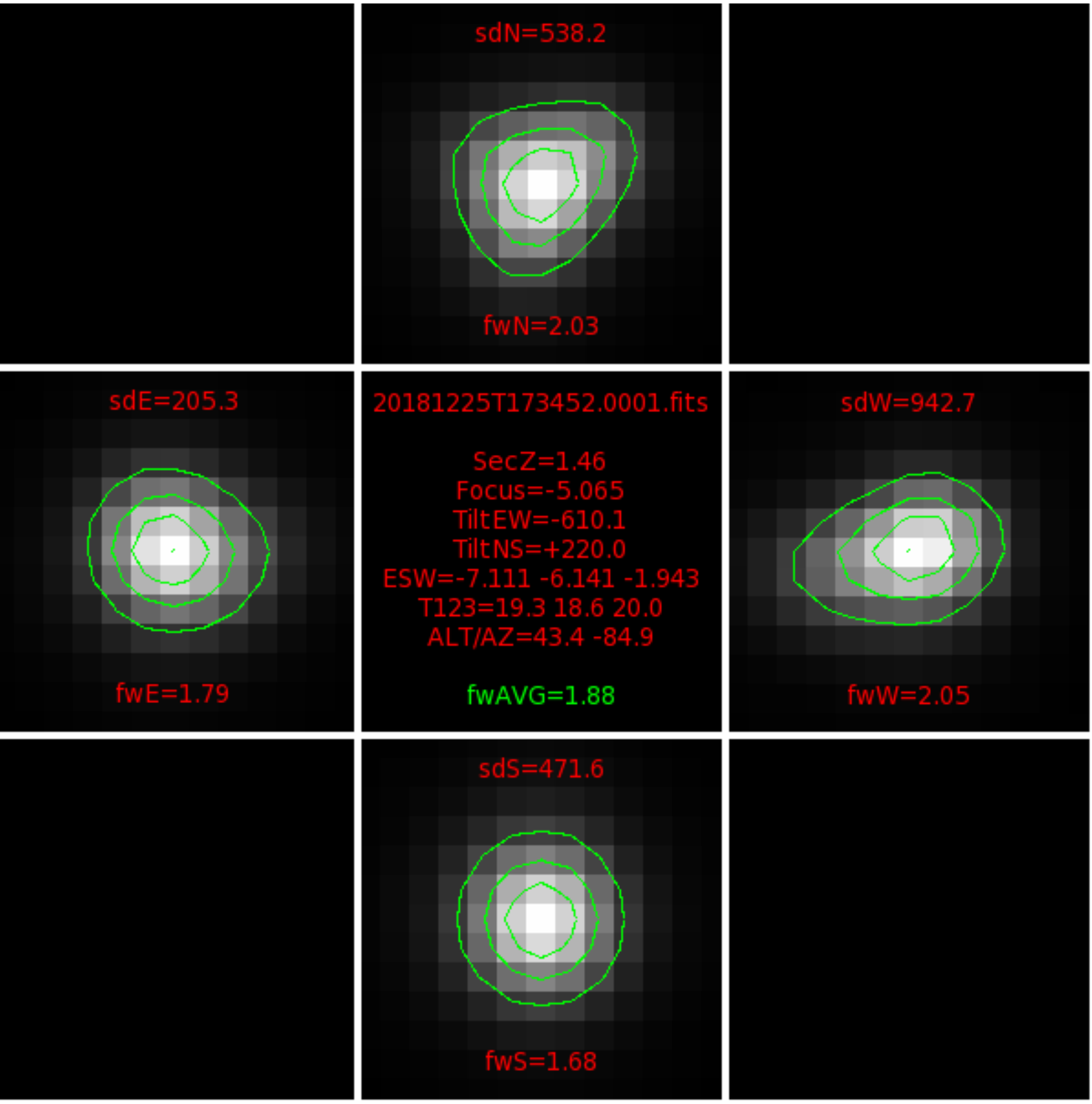

sdN=419.5
fwN=1.91
sdE=268.5
fwE=1.65
20181225T172955.0001.fits
SecZ=1.46
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.2 0.0 20.0
ALT/AZ=43.2 -87.8
fwAVG=1.73
sdW=248.0
fwW=1.80
sdS=299.0
fwS=1.57
0 0 0 0 0 0 0 0 0

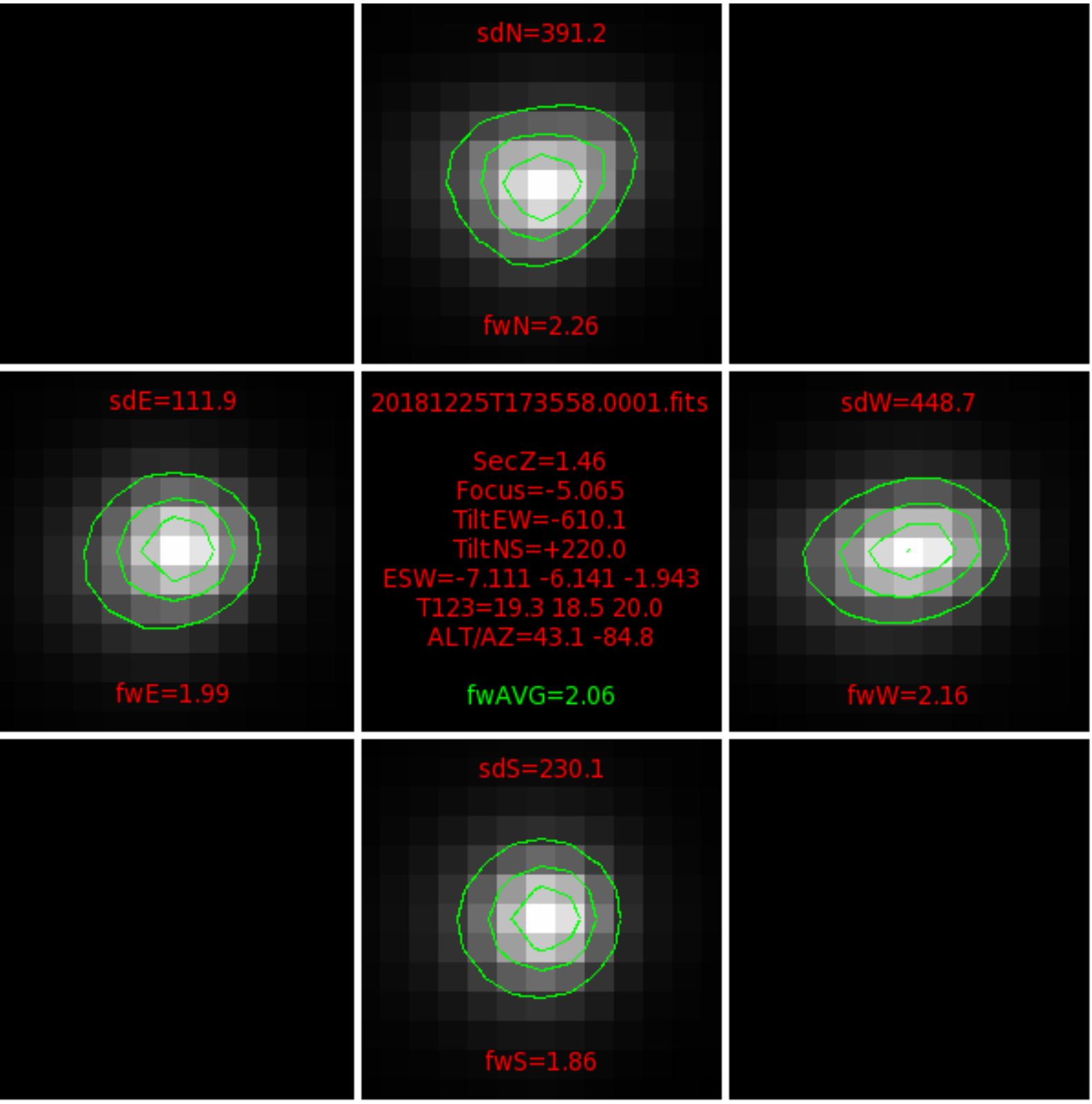

sdN=982.8
fwN=1.94
sdE=610.0
fwE=1.64
20181225T173044.0001.fits
SecZ=1.47
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.2 18.6 20.0
ALT/AZ=43.0 -87.7
fwAVG=1.72
sdW=592.6
fwW=1.78
sdS=793.5
fwS=1.52
0 0 0 0 0 0 0 0 0

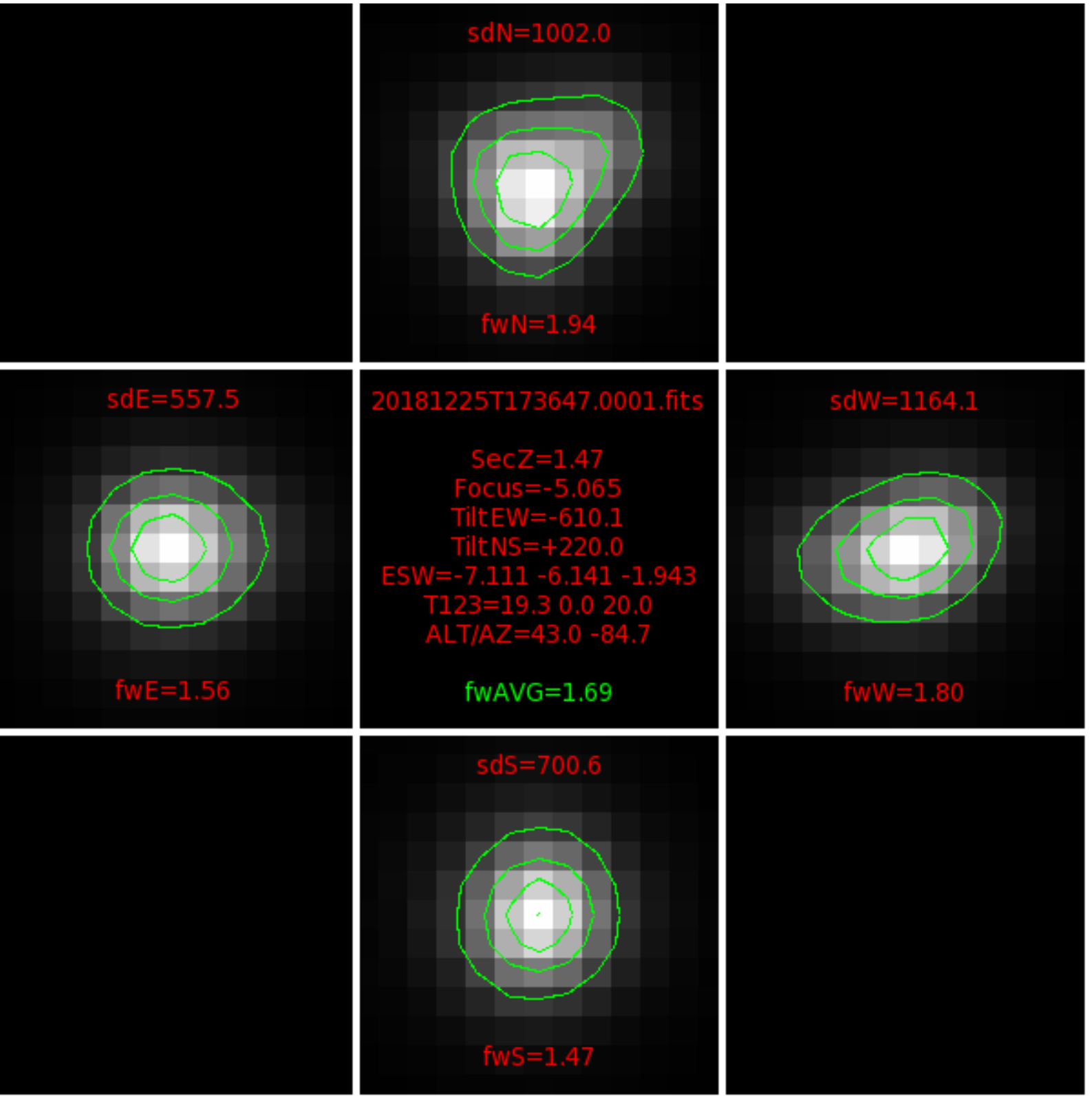

sdN=74.8
fwN=2.08
sdE=43.1
fwE=1.84
20181225T173204.0001.fits
SecZ=1.44
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.2 18.6 20.0
ALT/AZ=44.0 -85.2
fwAVG=1.94
sdW=302.7
fwW=2.06
sdS=113.1
fwS=1.76
0 0 0 0 0 0 0 0 0

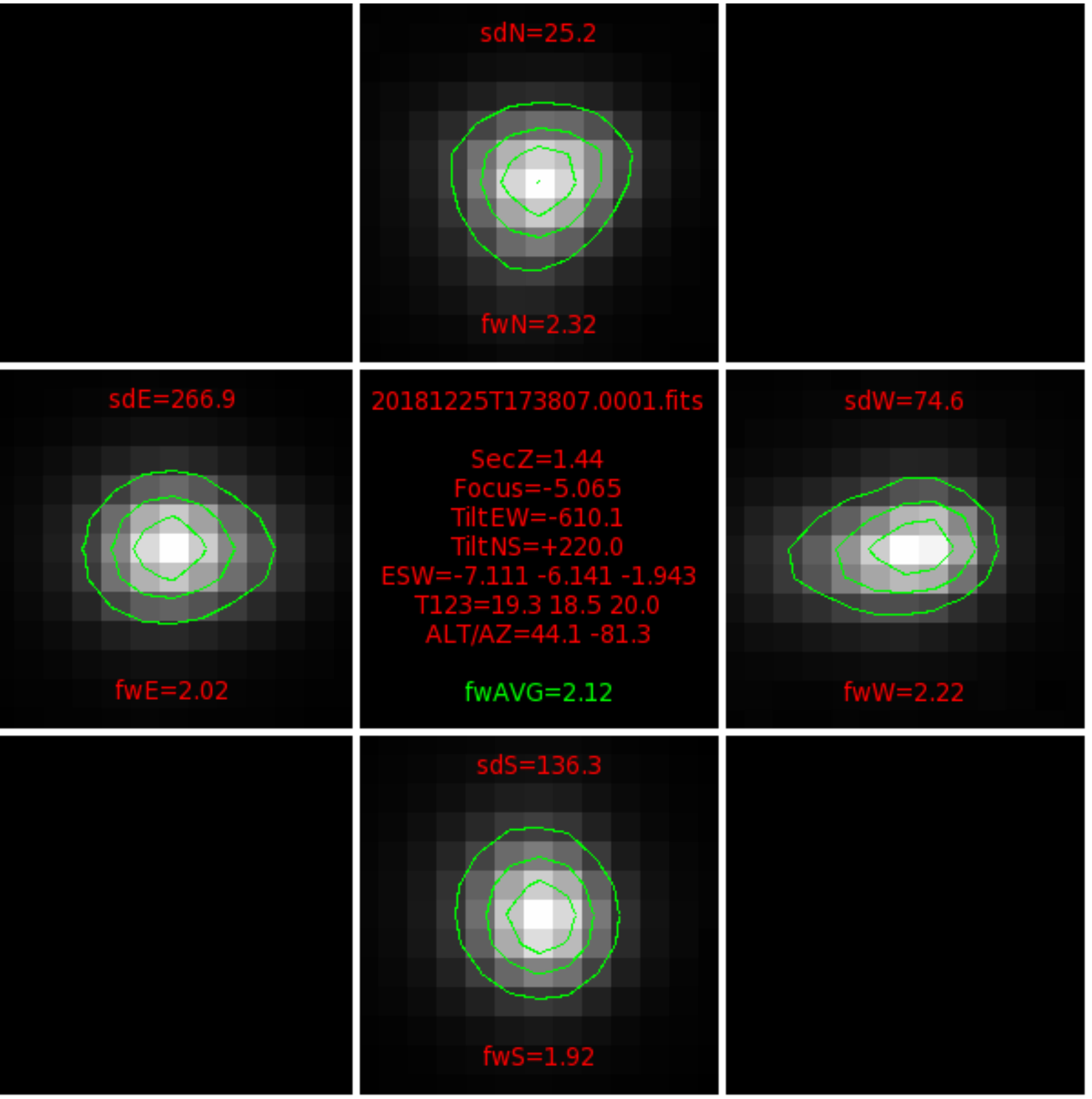

sdN=272.3
fwN=2.20
sdE=124.5
fwE=1.99
20181225T173253.0001.fits
SecZ=1.44
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 0.0 20.0
ALT/AZ=43.8 -85.1
fwAVG=2.05
sdW=838.1
fwW=2.12
sdS=346.2
fwS=1.91
0 0 0 0 0 0 0 0 0

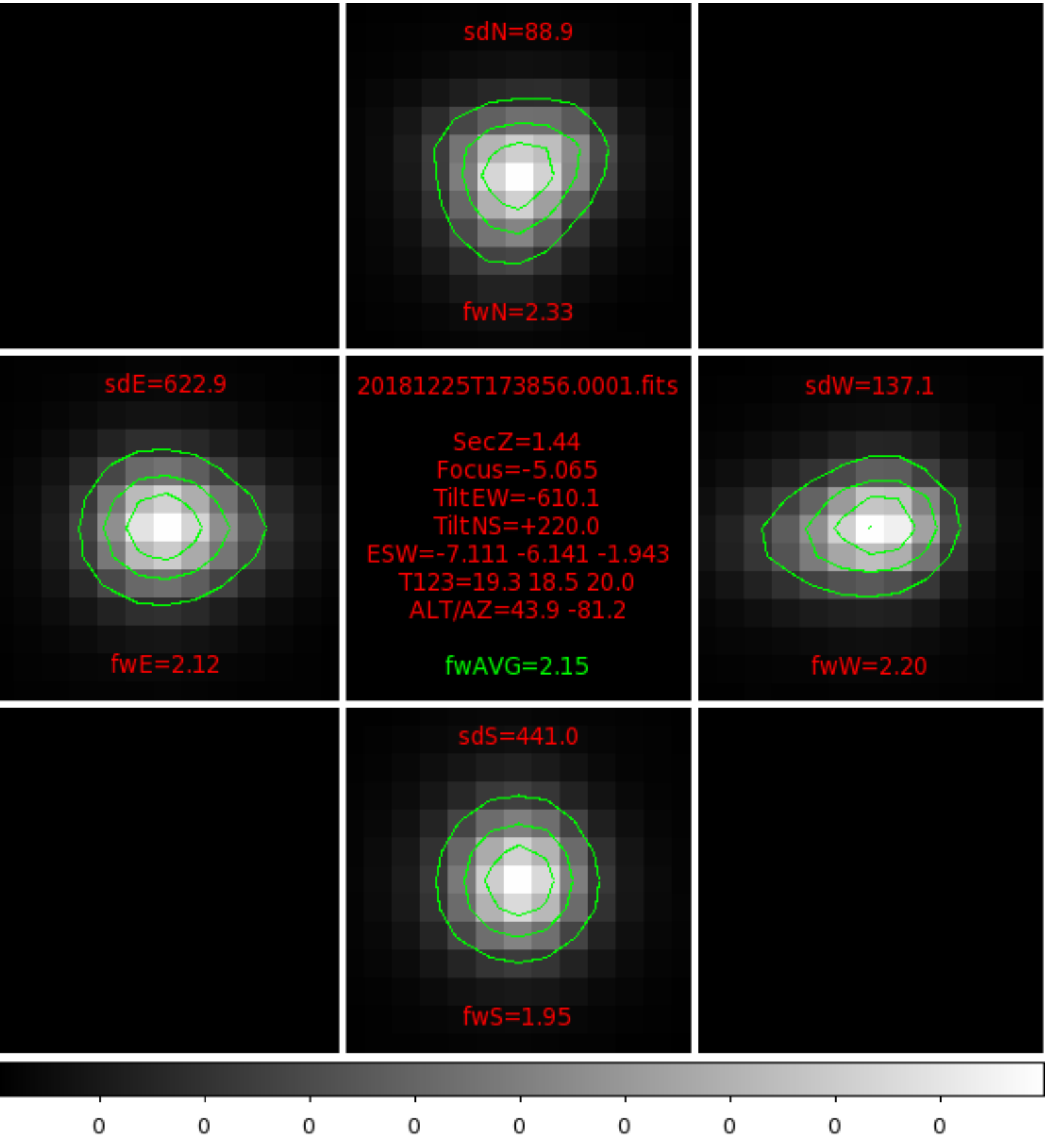

sdN=138.2
fwN=2.23
sdE=56.6
fwE=1.92
20181225T173403.0001.fits
SecZ=1.45
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 0.0 20.0
ALT/AZ=43.5 -85.0
fwAVG=2.03
sdW=354.4
fwW=2.14
sdS=149.8
fwS=1.82
0 0 0 0 0 0 0 0 0

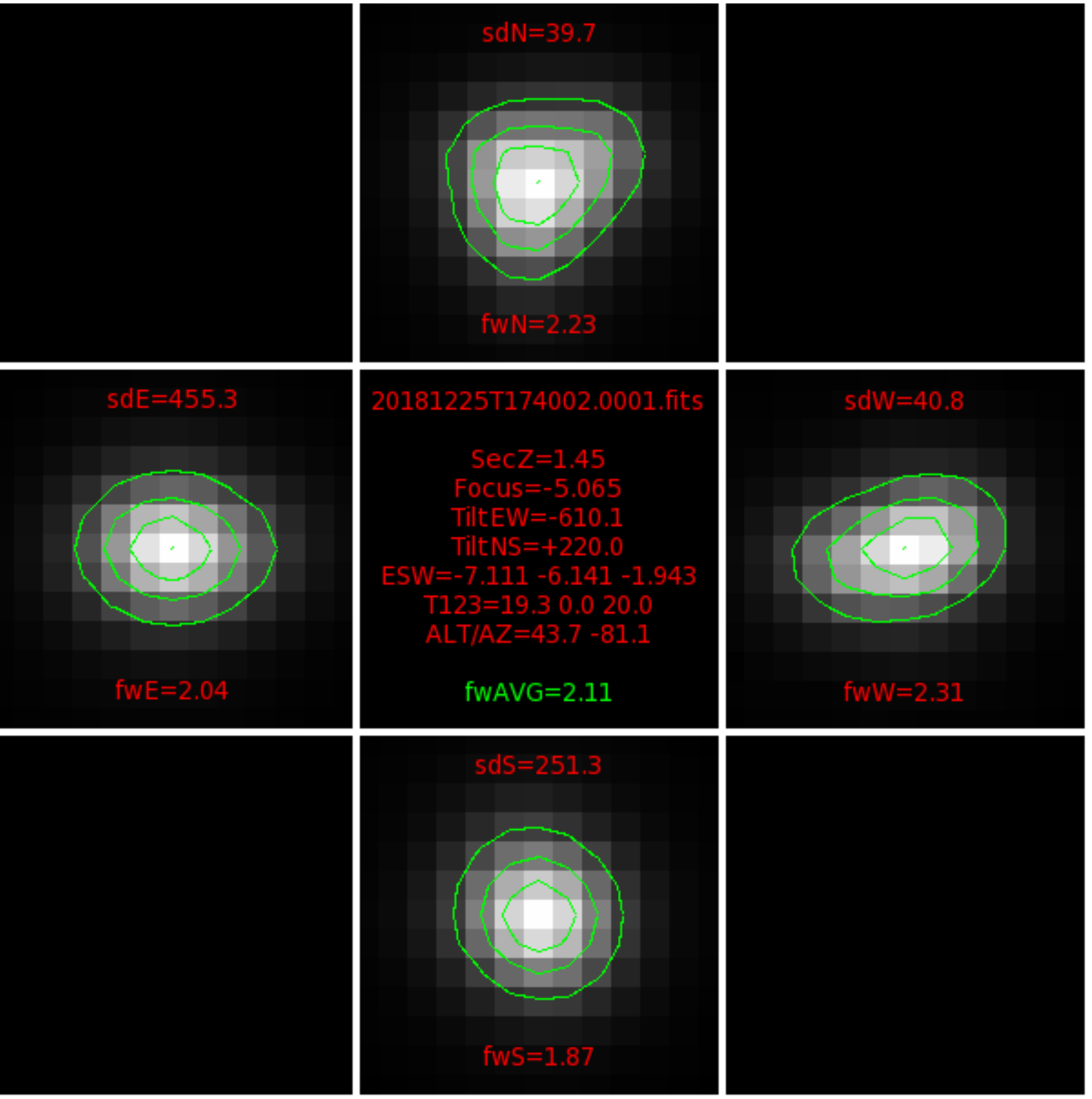

sdN=538.2
fwN=2.03
sdE=205.3
fwE=1.79
20181225T173452.0001.fits
SecZ=1.46
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.6 20.0
ALT/AZ=43.4 -84.9
fwAVG=1.88
sdW=942.7
fwW=2.05
sdS=471.6
fwS=1.68
0 0 0 0 0 0 0 0 0

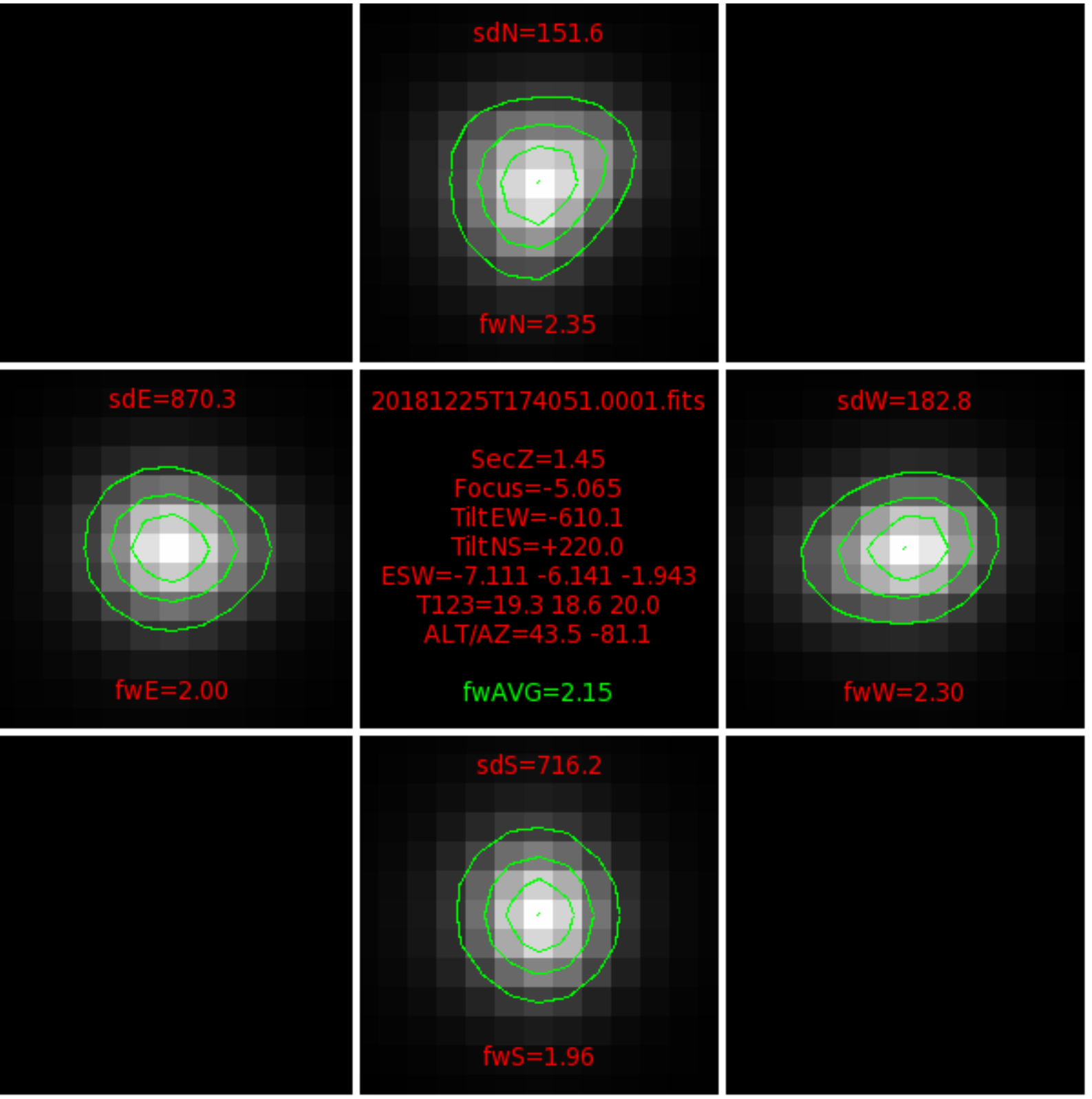

sdN=391.2
fwN=2.26
sdE=111.9
fwE=1.99
20181225T173558.0001.fits
SecZ=1.46
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.5 20.0
ALT/AZ=43.1 -84.8
fwAVG=2.06
sdW=448.7
fwW=2.16
sdS=230.1
fwS=1.86
0 0 0 0 0 0 0 0 0

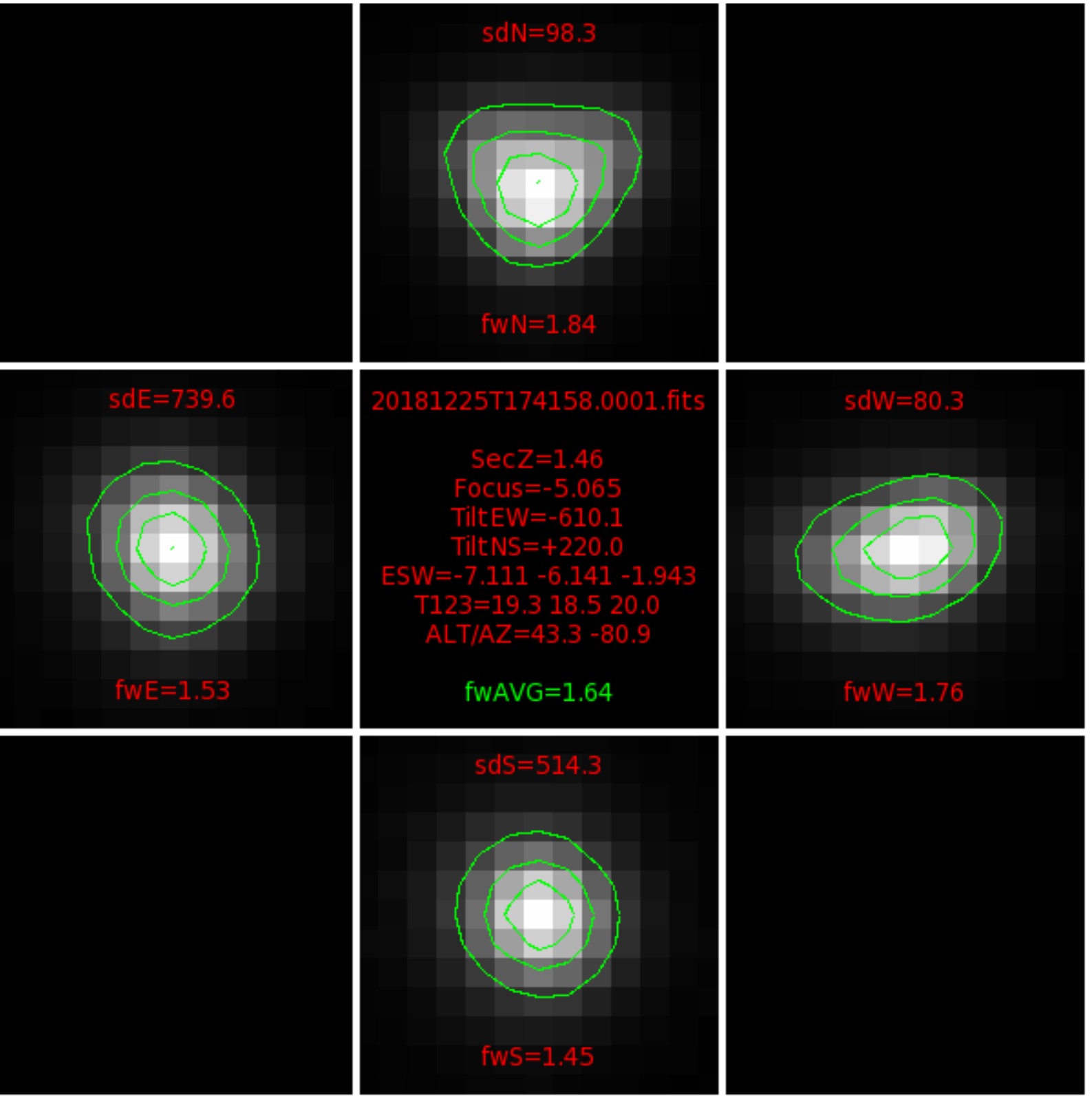

sdN=1002.0
fwN=1.94
sdE=557.5
fwE=1.56
20181225T173647.0001.fits
SecZ=1.47
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 0.0 20.0
ALT/AZ=43.0 -84.7
fwAVG=1.69
sdW=1164.1
fwW=1.80
sdS=700.6
fwS=1.47
0 0 0 0 0 0 0 0 0

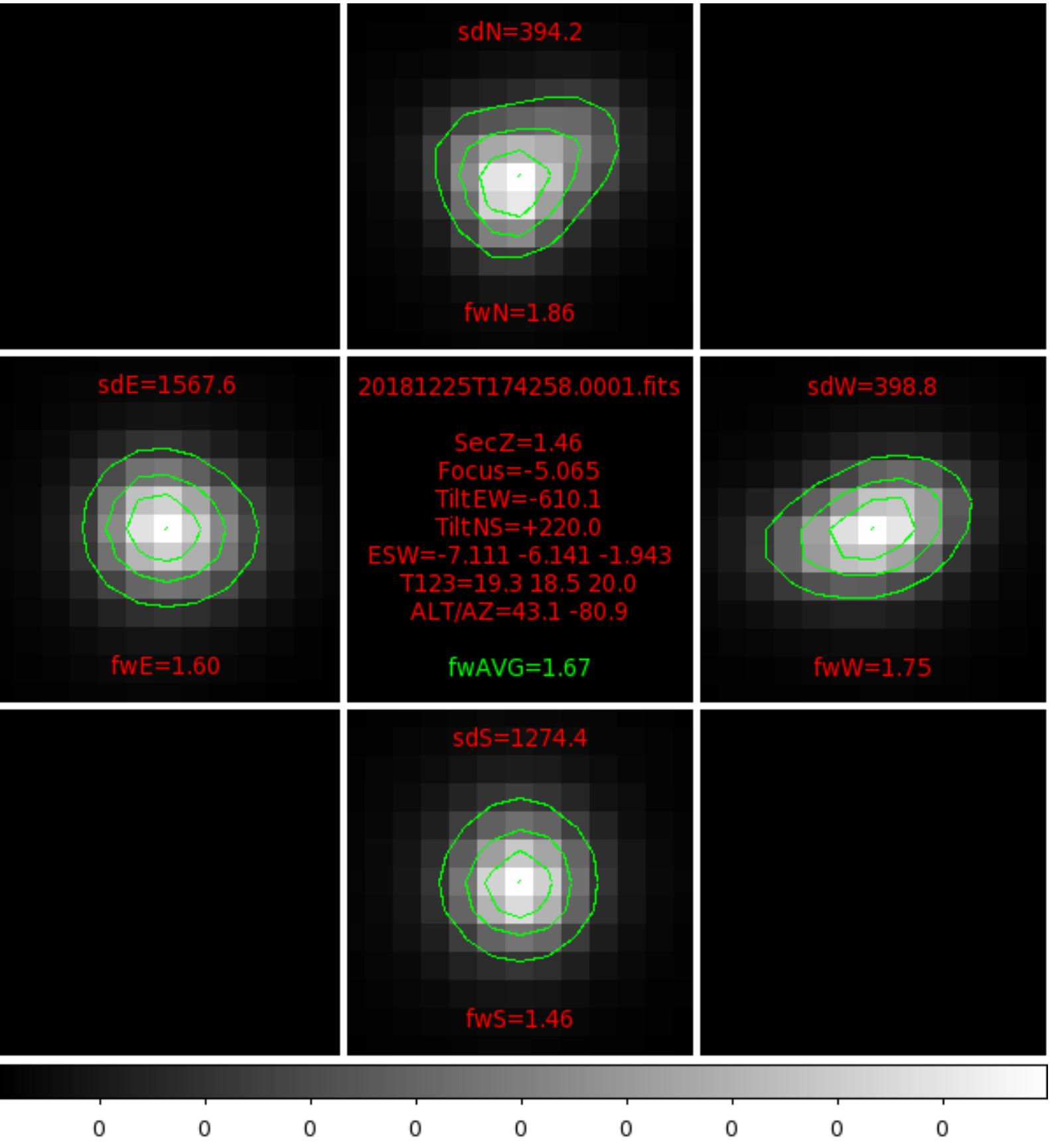

sdN=25.2
fwN=2.32
sdE=266.9
fwE=2.02
20181225T173807.0001.fits
SecZ=1.44
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.5 20.0
ALT/AZ=44.1 -81.3
fwAVG=2.12
sdW=74.6
fwW=2.22
sdS=136.3
fwS=1.92
0 0 0 0 0 0 0 0 0

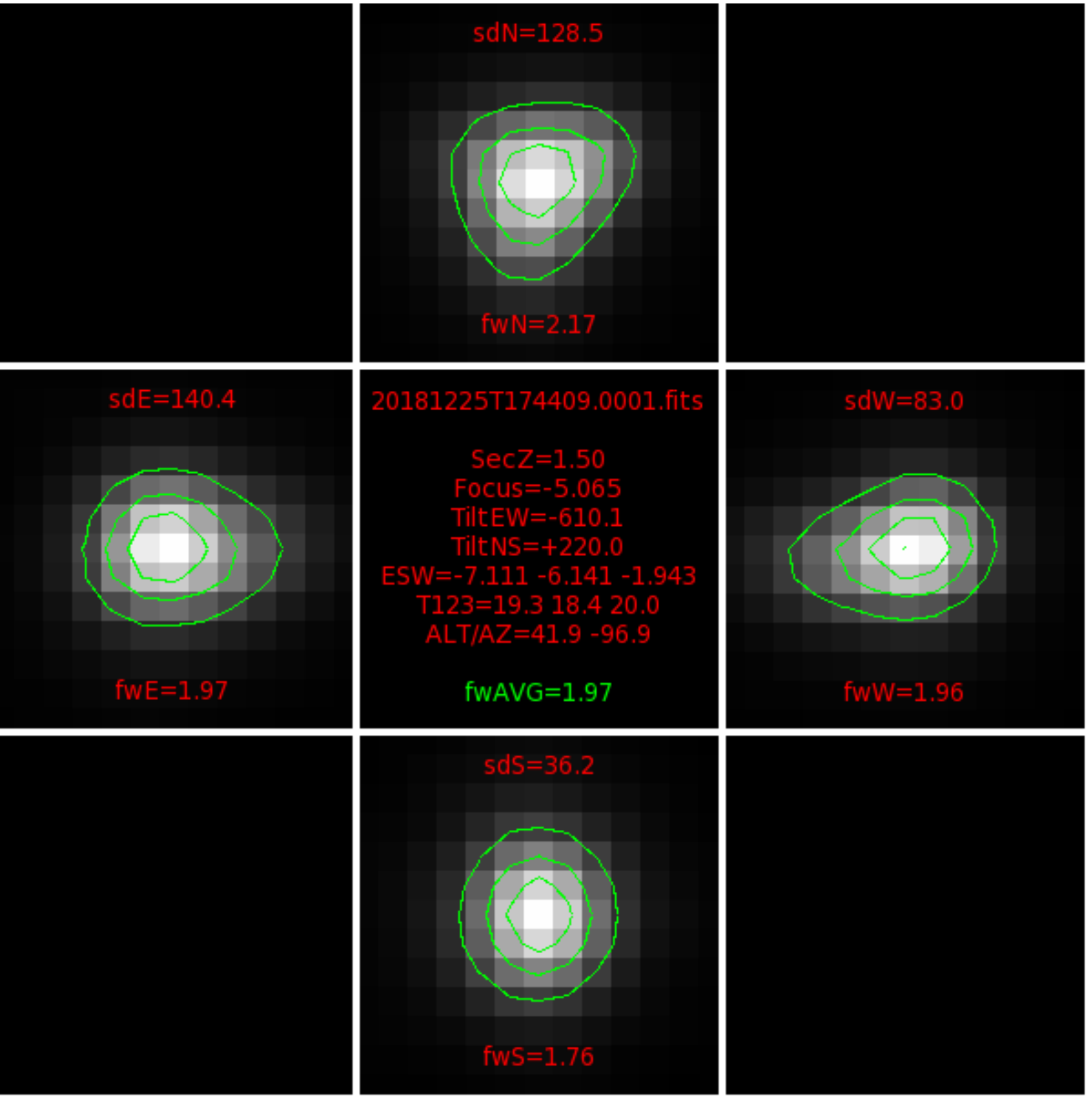

sdN=88.9
fwN=2.33
sdE=622.9
fwE=2.12
20181225T173856.0001.fits
SecZ=1.44
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.5 20.0
ALT/AZ=43.9 -81.2
fwAVG=2.15
sdW=137.1
fwW=2.20
sdS=441.0
fwS=1.95
0 0 0 0 0 0 0 0 0

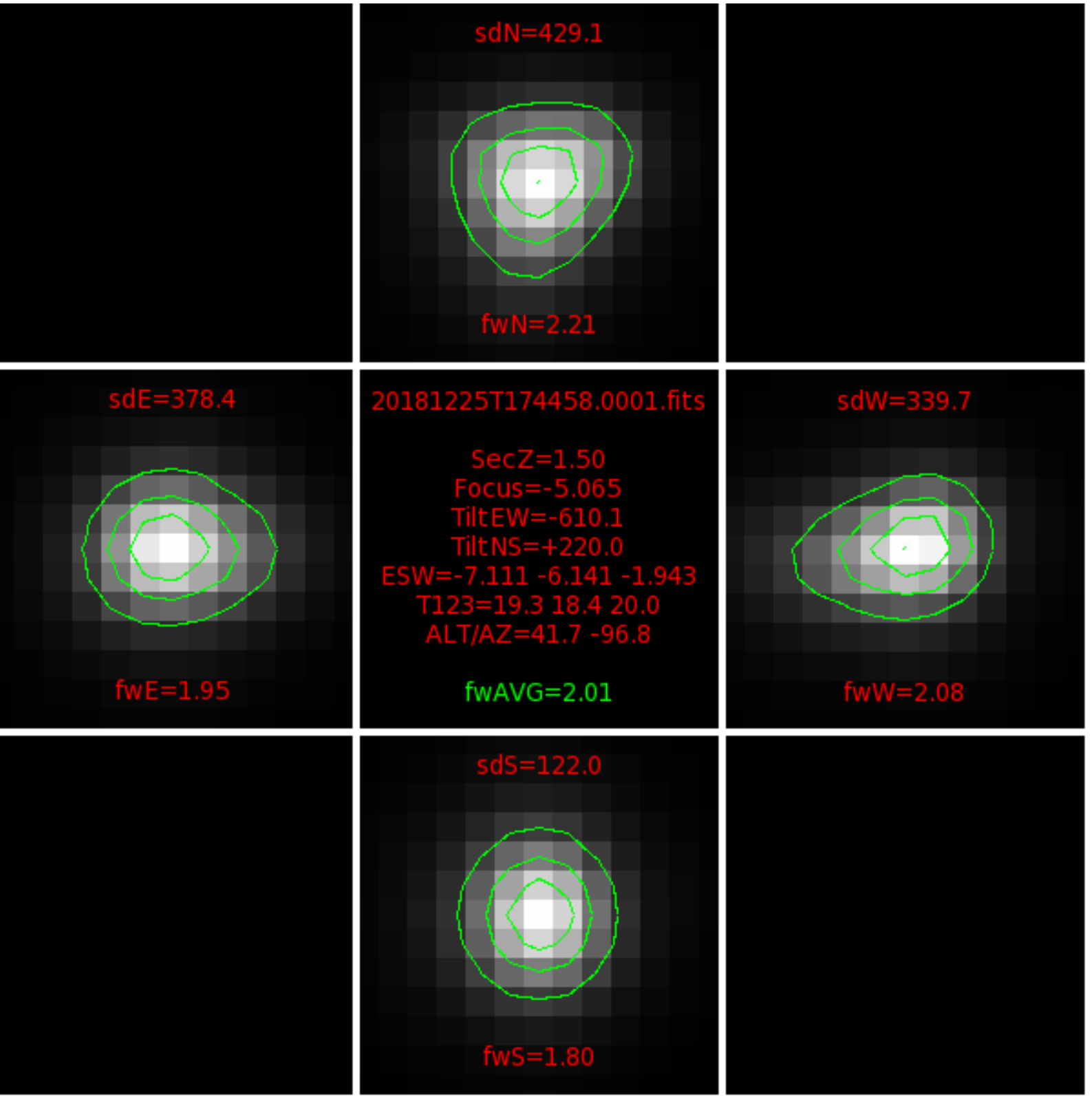

sdN=39.7
fwN=2.23
sdE=455.3
fwE=2.04
20181225T174002.0001.fits
SecZ=1.45
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 0.0 20.0
ALT/AZ=43.7 -81.1
fwAVG=2.11
sdW=40.8
fwW=2.31
sdS=251.3
fwS=1.87
0 0 0 0 0 0 0 0 0

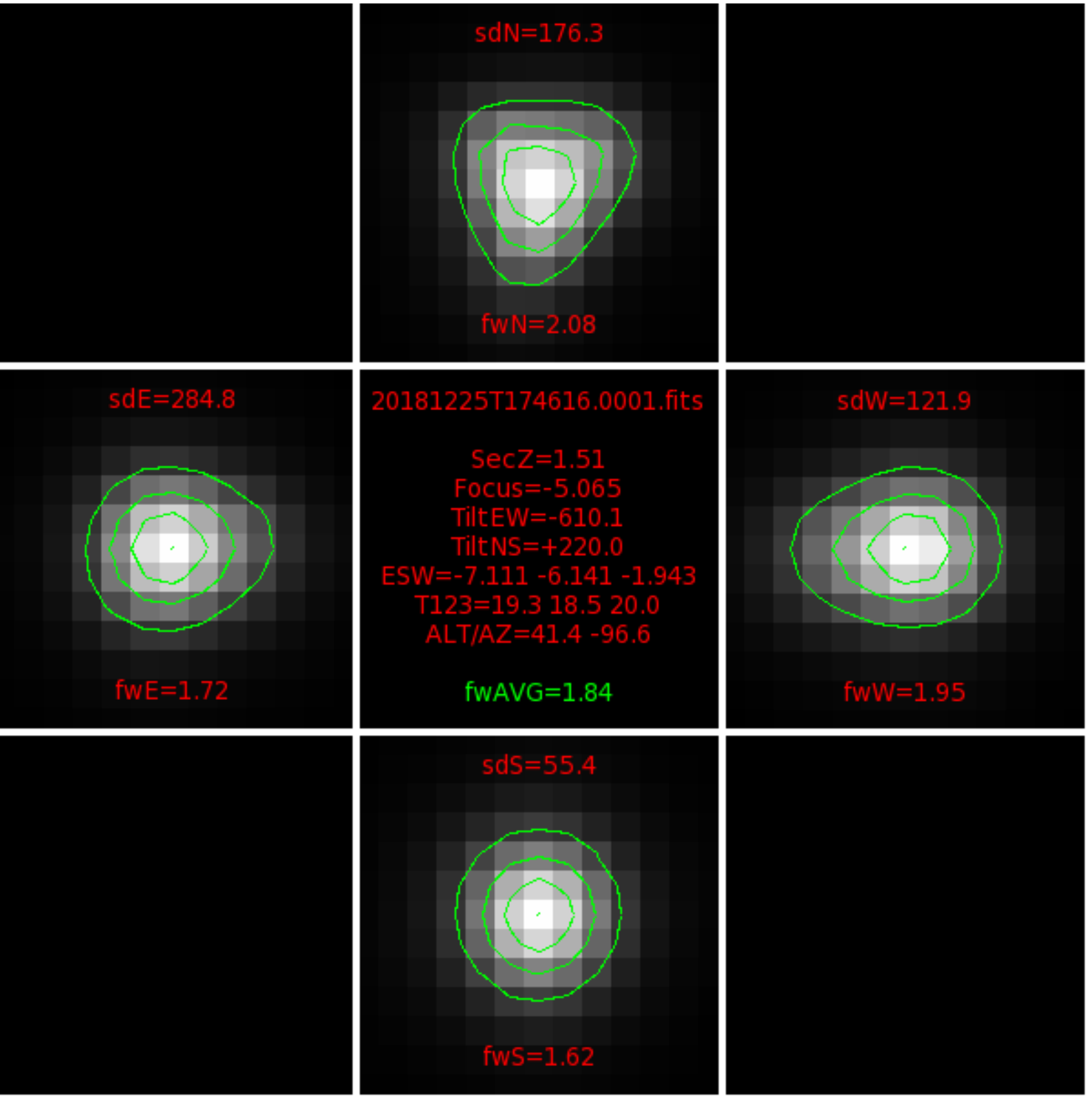

sdN=151.6
fwN=2.35
sdE=870.3
fwE=2.00
20181225T174051.0001.fits
SecZ=1.45
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.6 20.0
ALT/AZ=43.5 -81.1
fwAVG=2.15
sdW=182.8
fwW=2.30
sdS=716.2
fwS=1.96
0 0 0 0 0 0 0 0 0

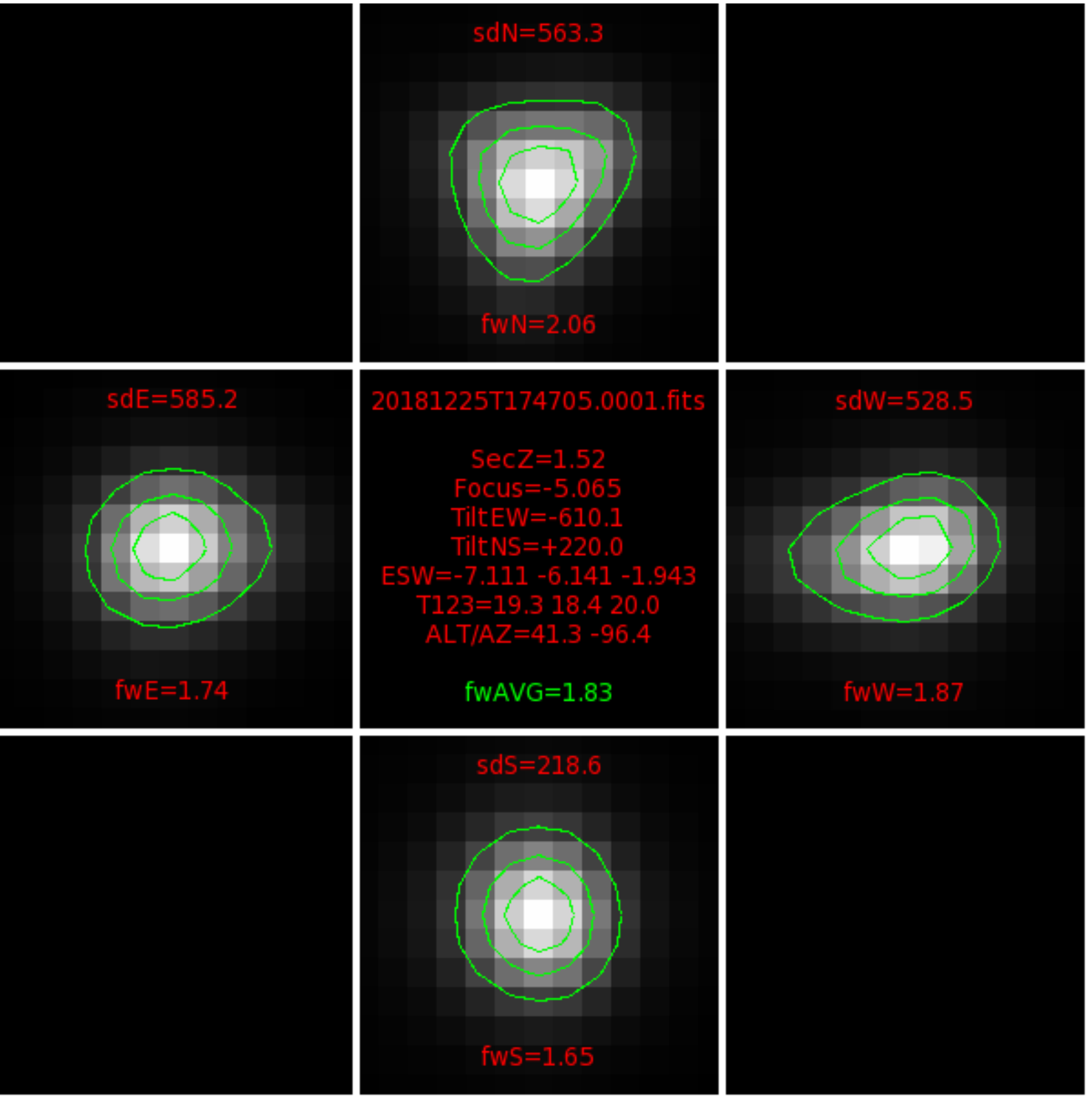

sdN=98.3
fwN=1.84
sdE=739.6
fwE=1.53
20181225T174158.0001.fits
SecZ=1.46
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.5 20.0
ALT/AZ=43.3 -80.9
fwAVG=1.64
sdW=80.3
fwW=1.76
sdS=514.3
fwS=1.45
0 0 0 0 0 0 0 0 0

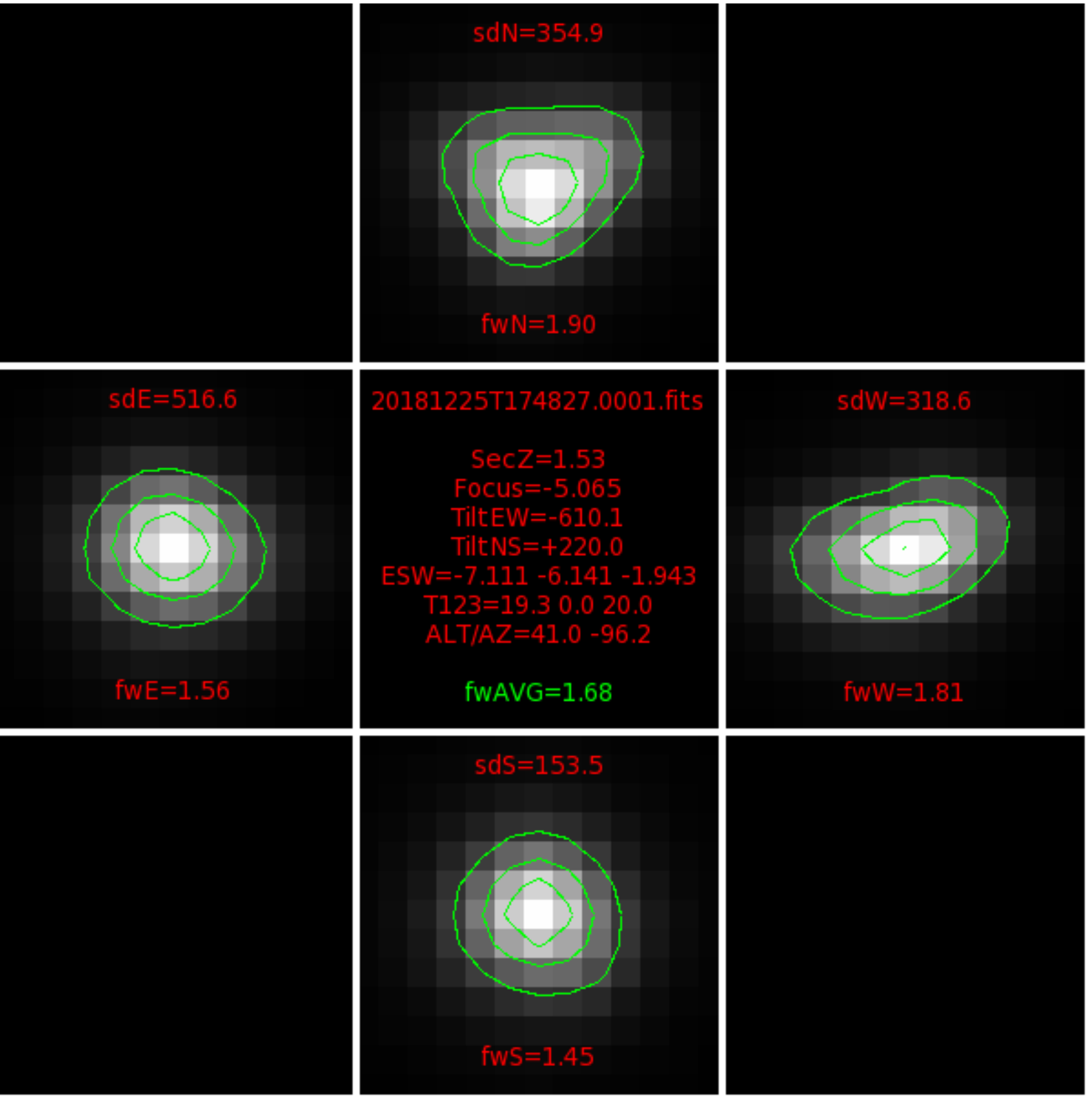

sdN=394.2
fwN=1.86
sdE=1567.6
fwE=1.60
20181225T174258.0001.fits
SecZ=1.46
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.5 20.0
ALT/AZ=43.1 -80.9
fwAVG=1.67
sdW=398.8
fwW=1.75
sdS=1274.4
fwS=1.46
0 0 0 0 0 0 0 0 0

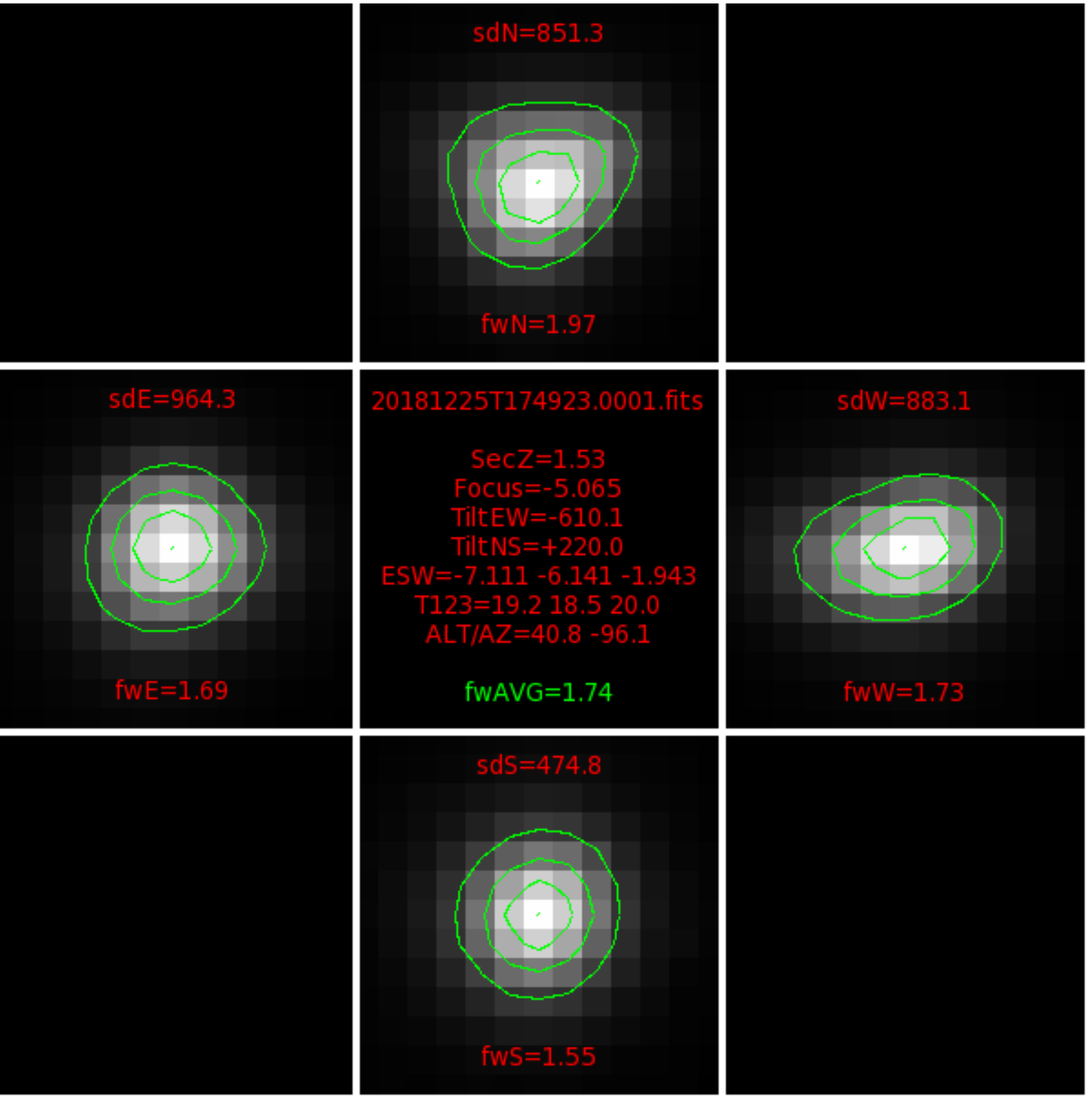

sdN=128.5
fwN=2.17
sdE=140.4
fwE=1.97
20181225T174409.0001.fits
SecZ=1.50
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.4 20.0
ALT/AZ=41.9 -96.9
fwAVG=1.97
sdW=83.0
fwW=1.96
sdS=36.2
fwS=1.76
0 0 0 0 0 0 0 0 0

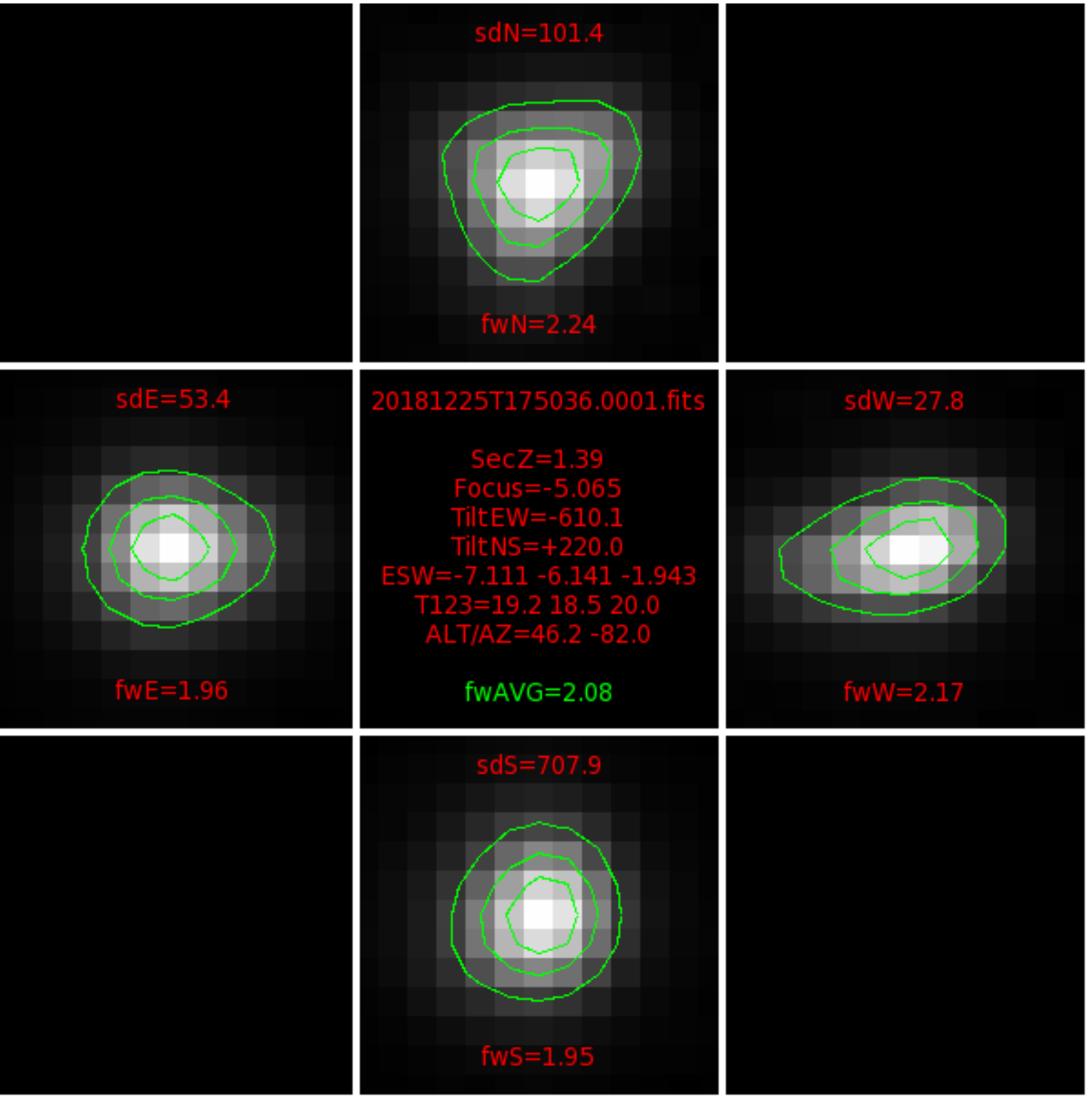

sdN=429.1
fwN=2.21
sdE=378.4
fwE=1.95
20181225T174458.0001.fits
SecZ=1.50
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.4 20.0
ALT/AZ=41.7 -96.8
fwAVG=2.01
sdW=339.7
fwW=2.08
sdS=122.0
fwS=1.80
0 0 0 0 0 0 0 0 0

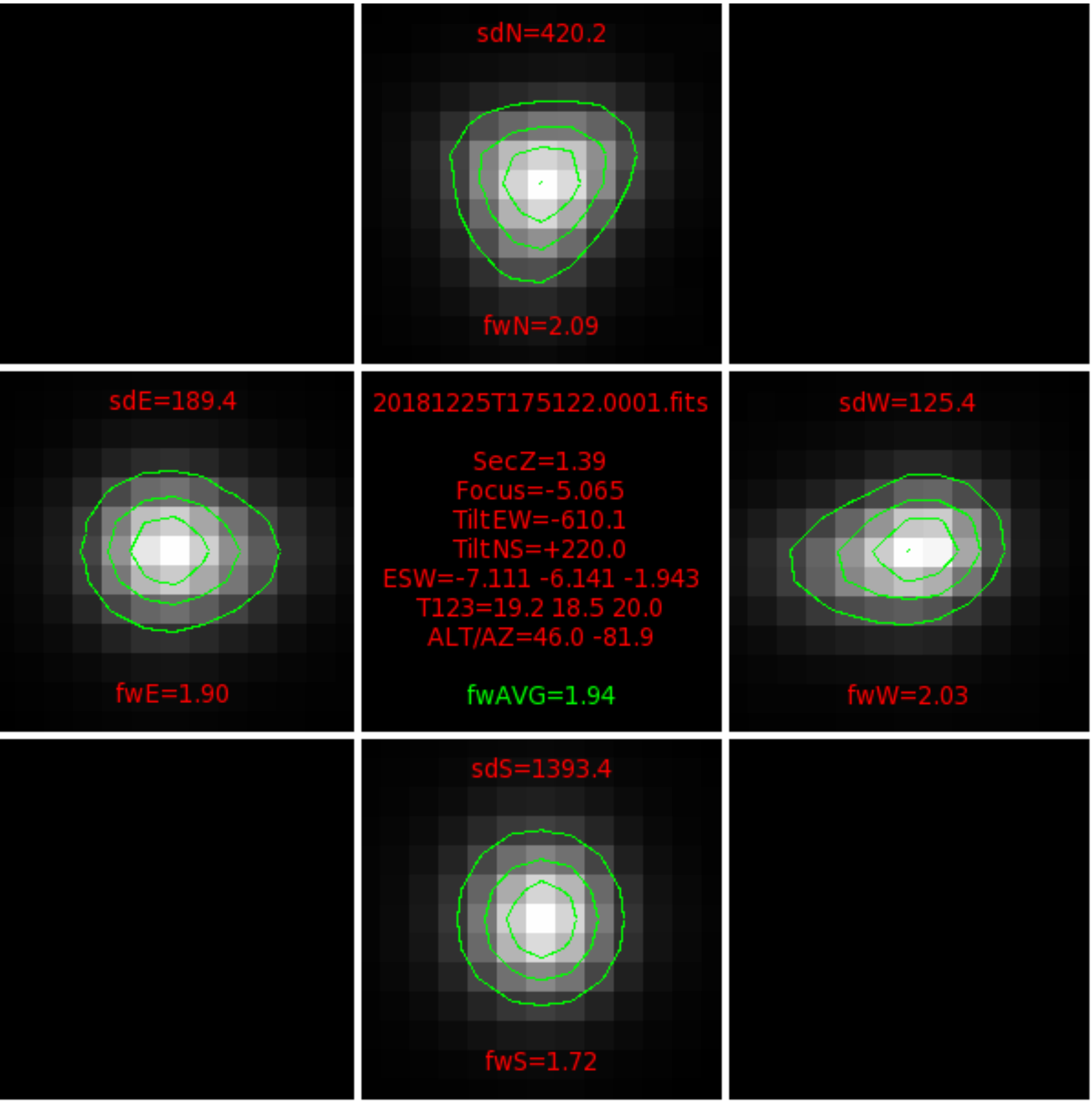

sdN=176.3
fwN=2.08
sdE=284.8
fwE=1.72
20181225T174616.0001.fits
SecZ=1.51
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.5 20.0
ALT/AZ=41.4 -96.6
fwAVG=1.84
sdW=121.9
fwW=1.95
sdS=55.4
fwS=1.62
0 0 0 0 0 0 0 0 0

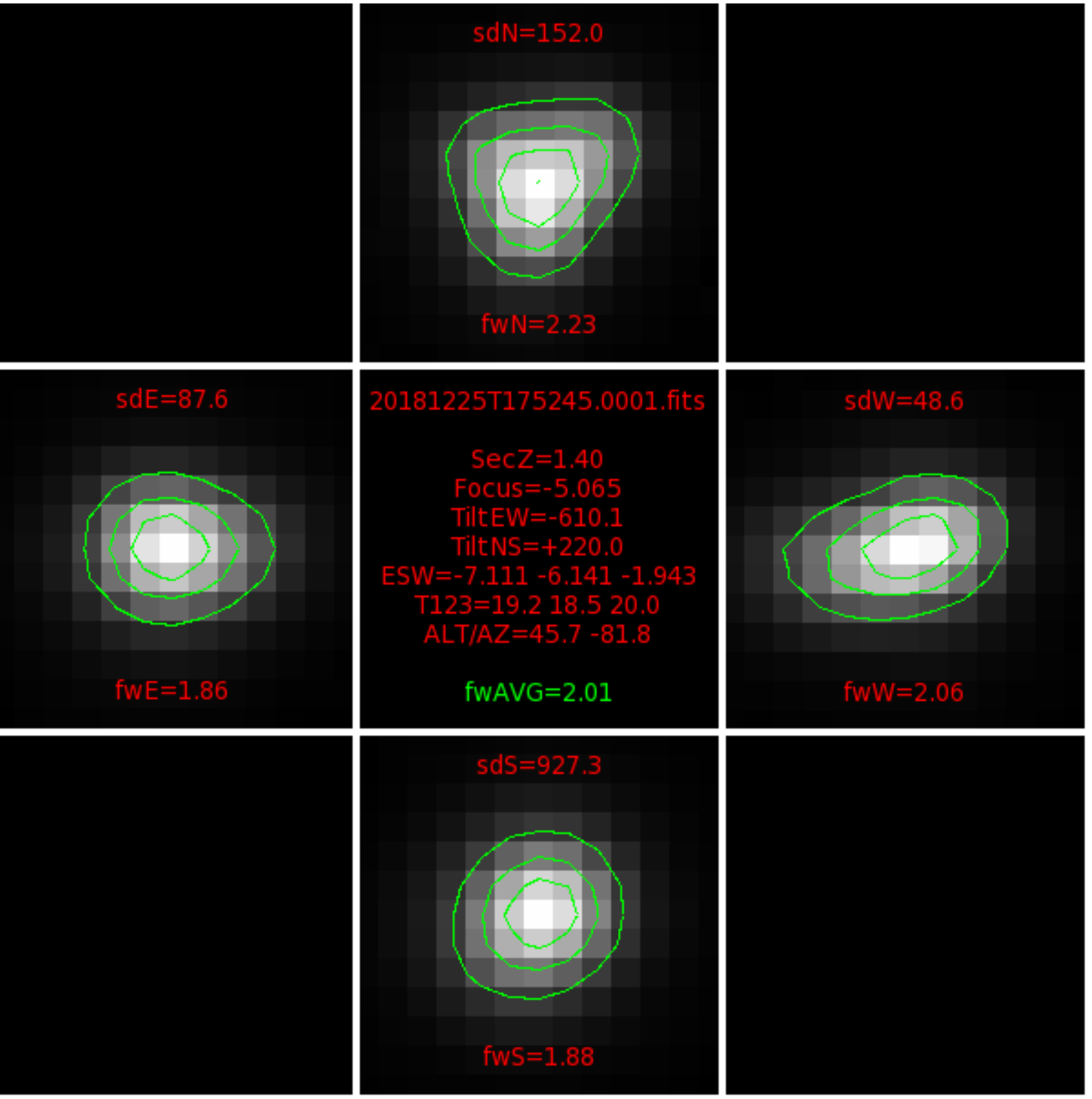

sdN=563.3
fwN=2.06
sdE=585.2
fwE=1.74
20181225T174705.0001.fits
SecZ=1.52
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 18.4 20.0
ALT/AZ=41.3 -96.4
fwAVG=1.83
sdW=528.5
fwW=1.87
sdS=218.6
fwS=1.65
0 0 0 0 0 0 0 0 0

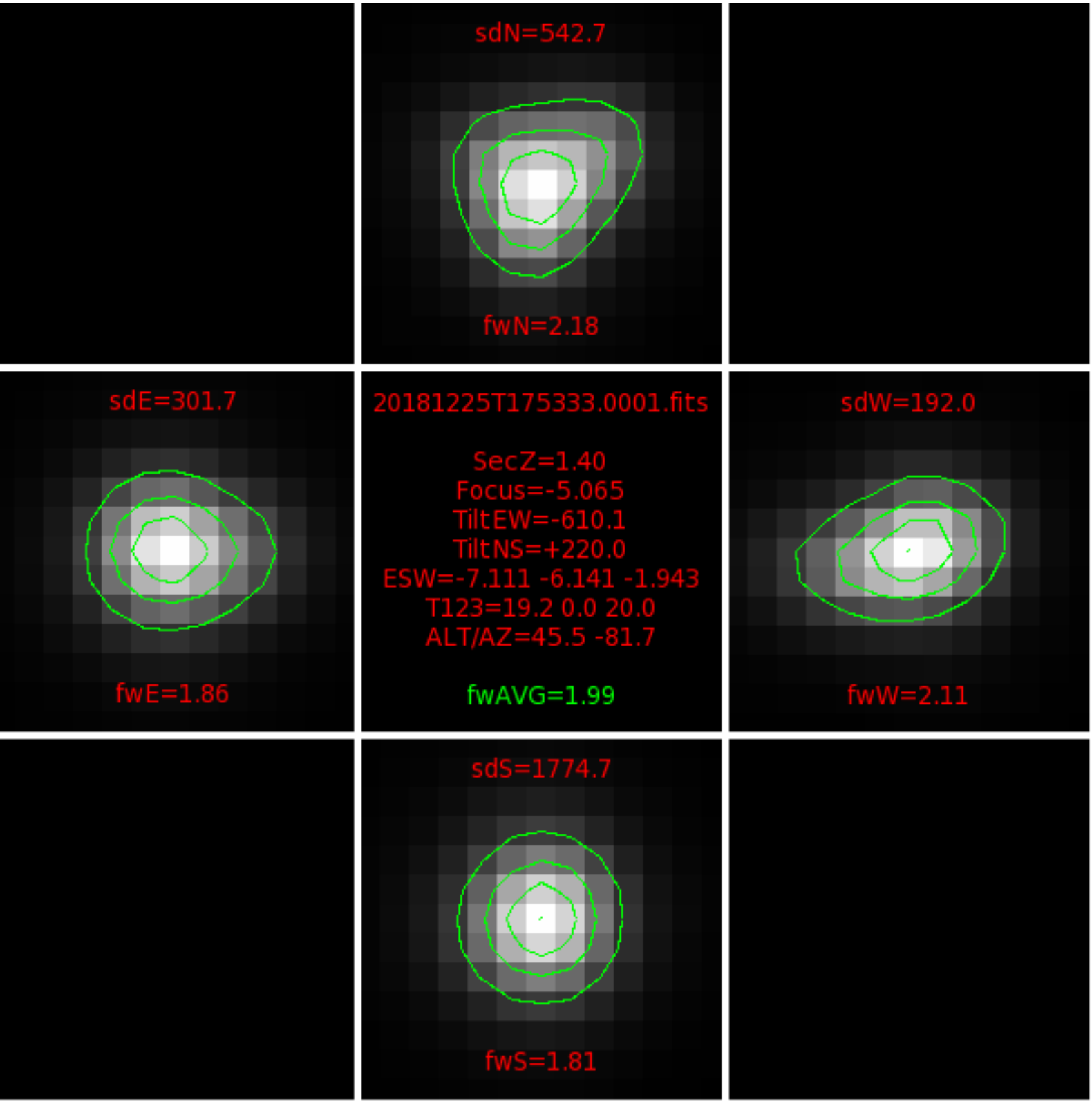

sdN=354.9
fwN=1.90
sdE=516.6
fwE=1.56
20181225T174827.0001.fits
SecZ=1.53
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.3 0.0 20.0
ALT/AZ=41.0 -96.2
fwAVG=1.68
sdW=318.6
fwW=1.81
sdS=153.5
fwS=1.45
0 0 0 0 0 0 0 0 0

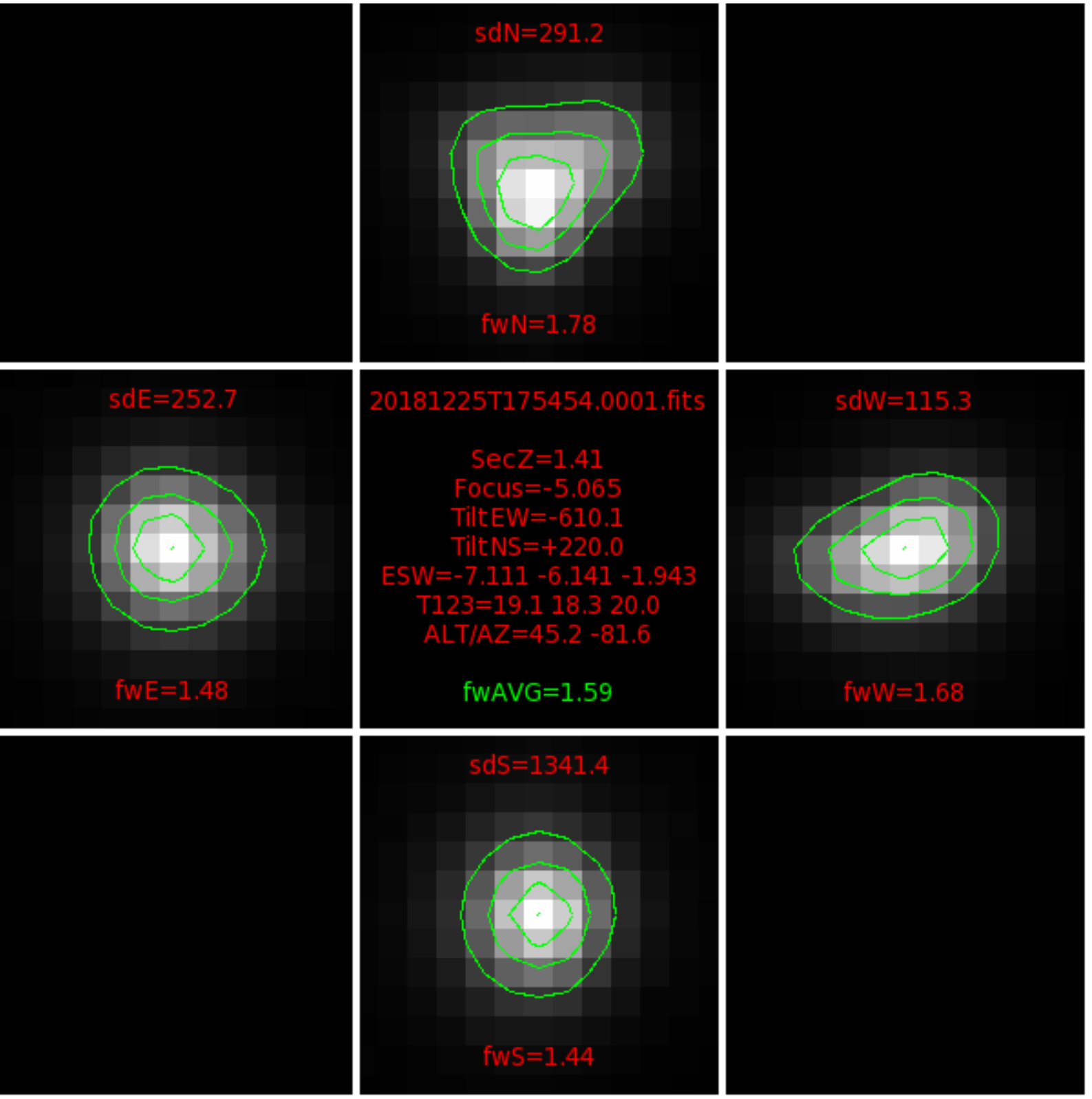

sdN=851.3
fwN=1.97
sdE=964.3
fwE=1.69
20181225T174923.0001.fits
SecZ=1.53
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.2 18.5 20.0
ALT/AZ=40.8 -96.1
fwAVG=1.74
sdW=883.1
fwW=1.73
sdS=474.8
fwS=1.55
0 0 0 0 0 0 0 0 0

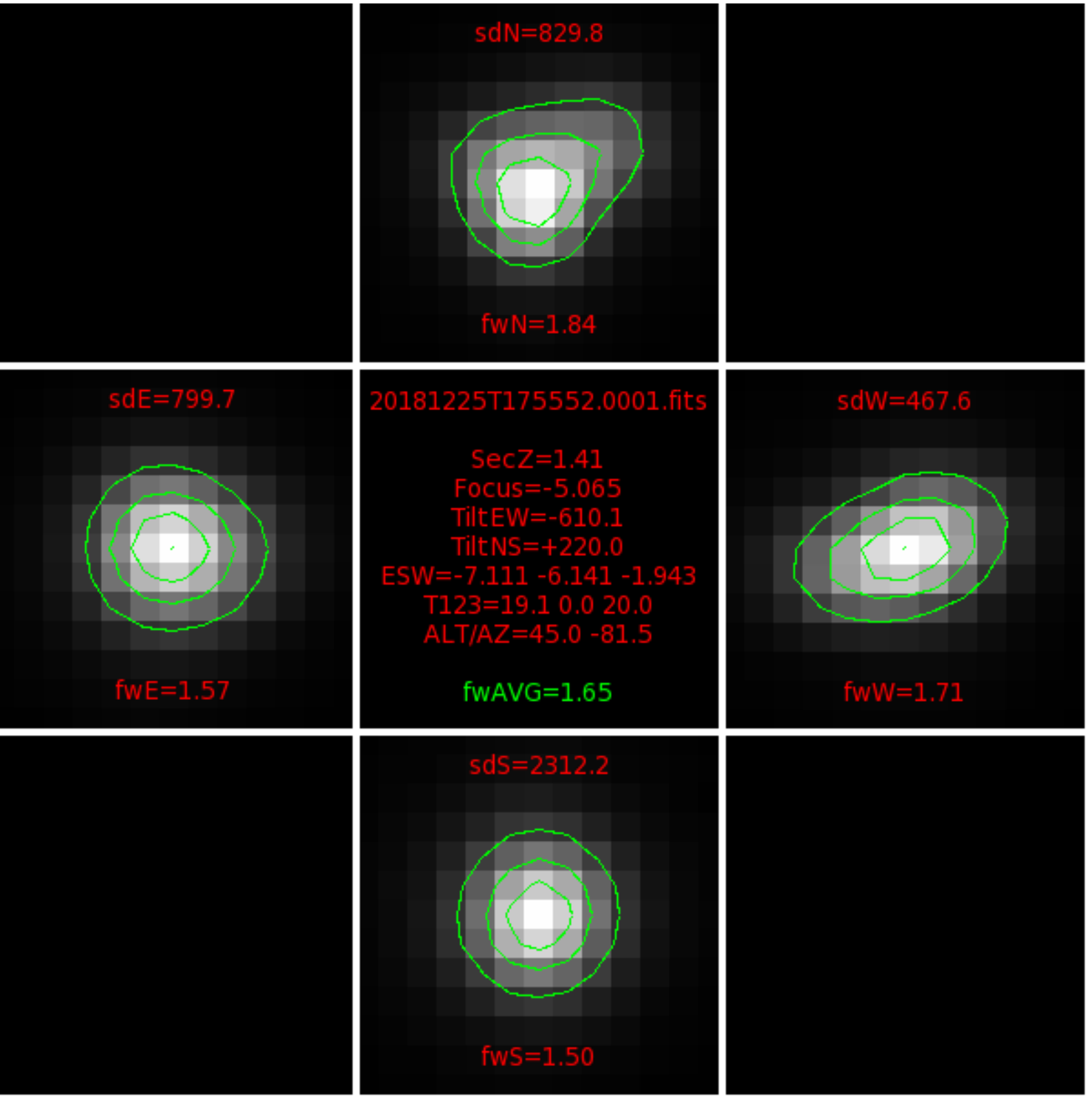

sdN=101.4
fwN=2.24
sdE=53.4
fwE=1.96
20181225T175036.0001.fits
SecZ=1.39
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.2 18.5 20.0
ALT/AZ=46.2 -82.0
fwAVG=2.08
sdW=27.8
fwW=2.17
sdS=707.9
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=420.2
fwN=2.09
sdE=189.4
fwE=1.90
20181225T175122.0001.fits
SecZ=1.39
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.2 18.5 20.0
ALT/AZ=46.0 -81.9
fwAVG=1.94
sdW=125.4
fwW=2.03
sdS=1393.4
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=152.0
fwN=2.23
sdE=87.6
fwE=1.86
20181225T175245.0001.fits
SecZ=1.40
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.2 18.5 20.0
ALT/AZ=45.7 -81.8
fwAVG=2.01
sdW=48.6
fwW=2.06
sdS=927.3
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=542.7
fwN=2.18
sdE=301.7
fwE=1.86
20181225T175333.0001.fits
SecZ=1.40
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.2 0.0 20.0
ALT/AZ=45.5 -81.7
fwAVG=1.99
sdW=192.0
fwW=2.11
sdS=1774.7
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=291.2
fwN=1.78
sdE=252.7
fwE=1.48
20181225T175454.0001.fits
SecZ=1.41
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.1 18.3 20.0
ALT/AZ=45.2 -81.6
fwAVG=1.59
sdW=115.3
fwW=1.68
sdS=1341.4
fwS=1.44
0 0 0 0 0 0 0 0 0


sdN=829.8
fwN=1.84
sdE=799.7
fwE=1.57
20181225T175552.0001.fits
SecZ=1.41
Focus=-5.065
TiltEW=-610.1
TiltNS=+220.0
ESW=-7.111 -6.141 -1.943
T123=19.1 0.0 20.0
ALT/AZ=45.0 -81.5
fwAVG=1.65
sdW=467.6
fwW=1.71
sdS=2312.2
fwS=1.50
0 0 0 0 0 0 0 0 0