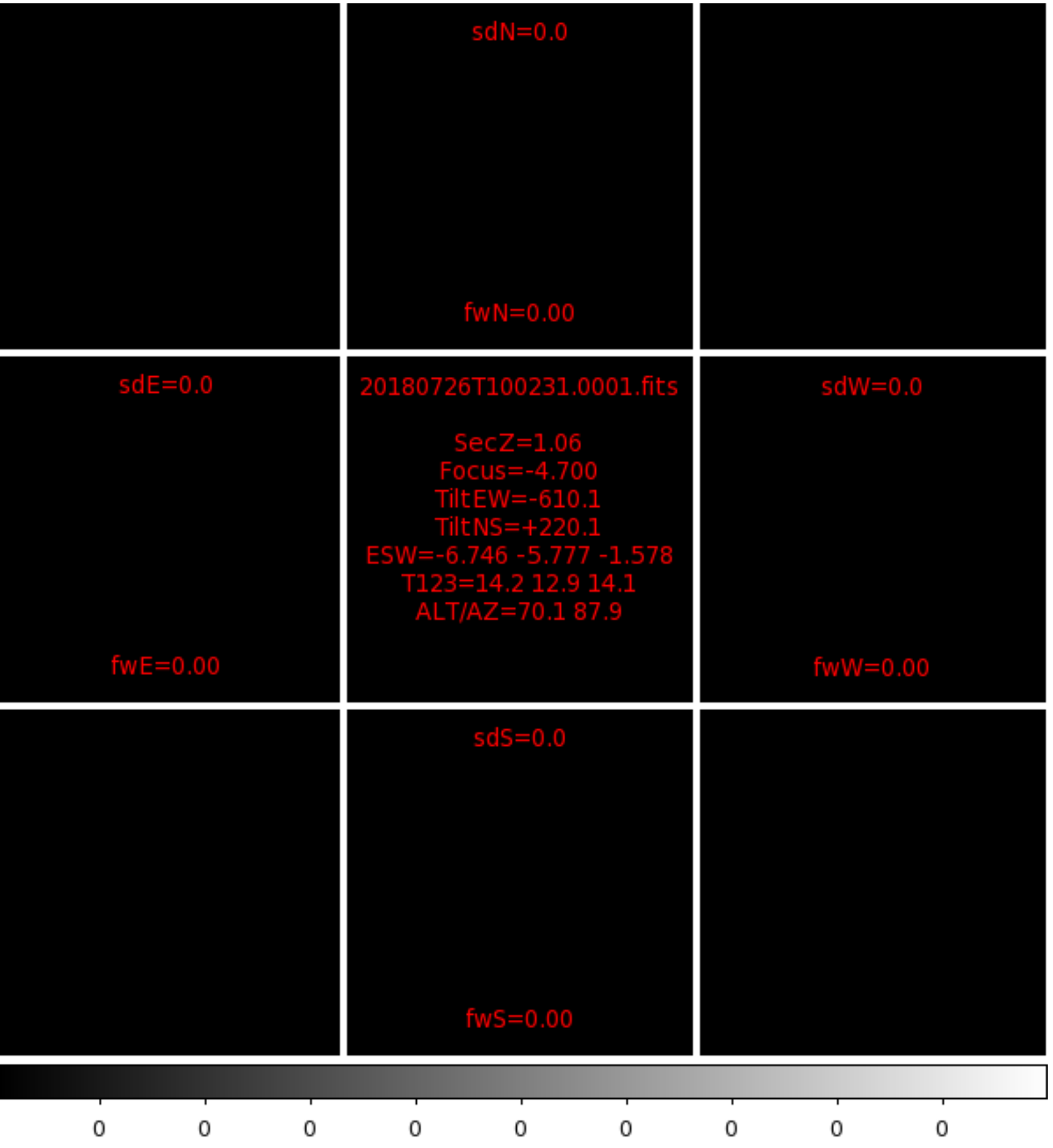
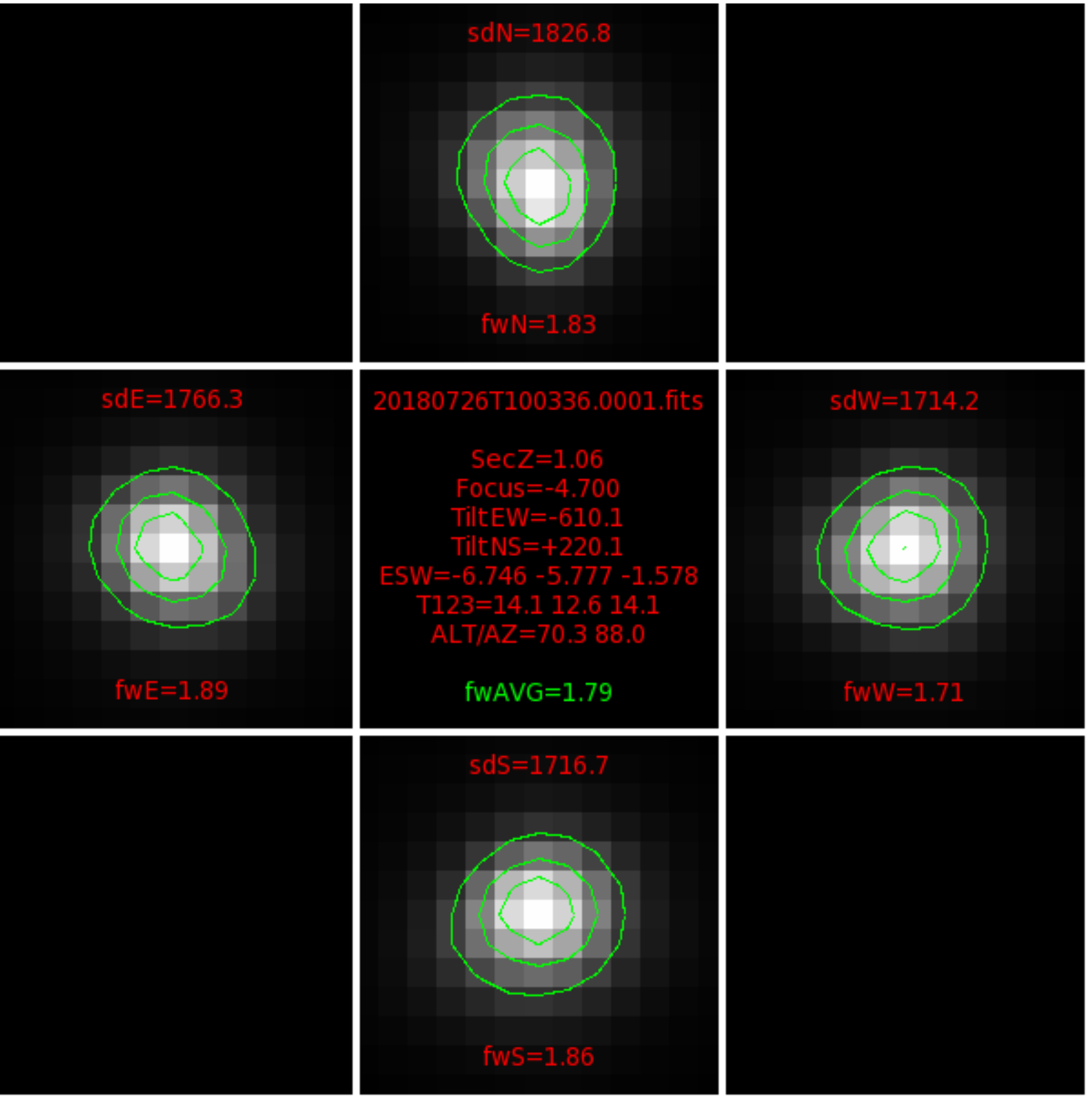
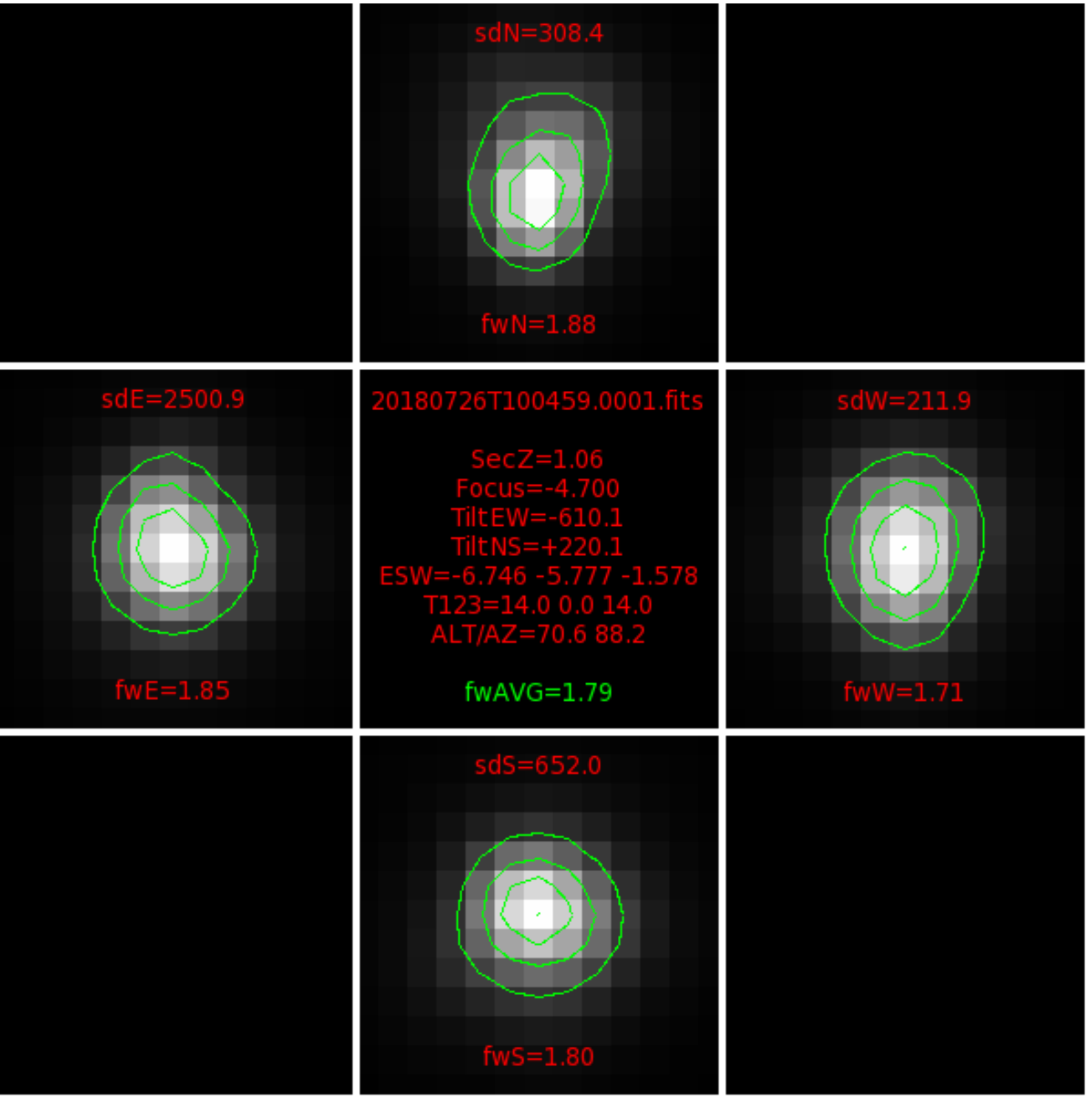
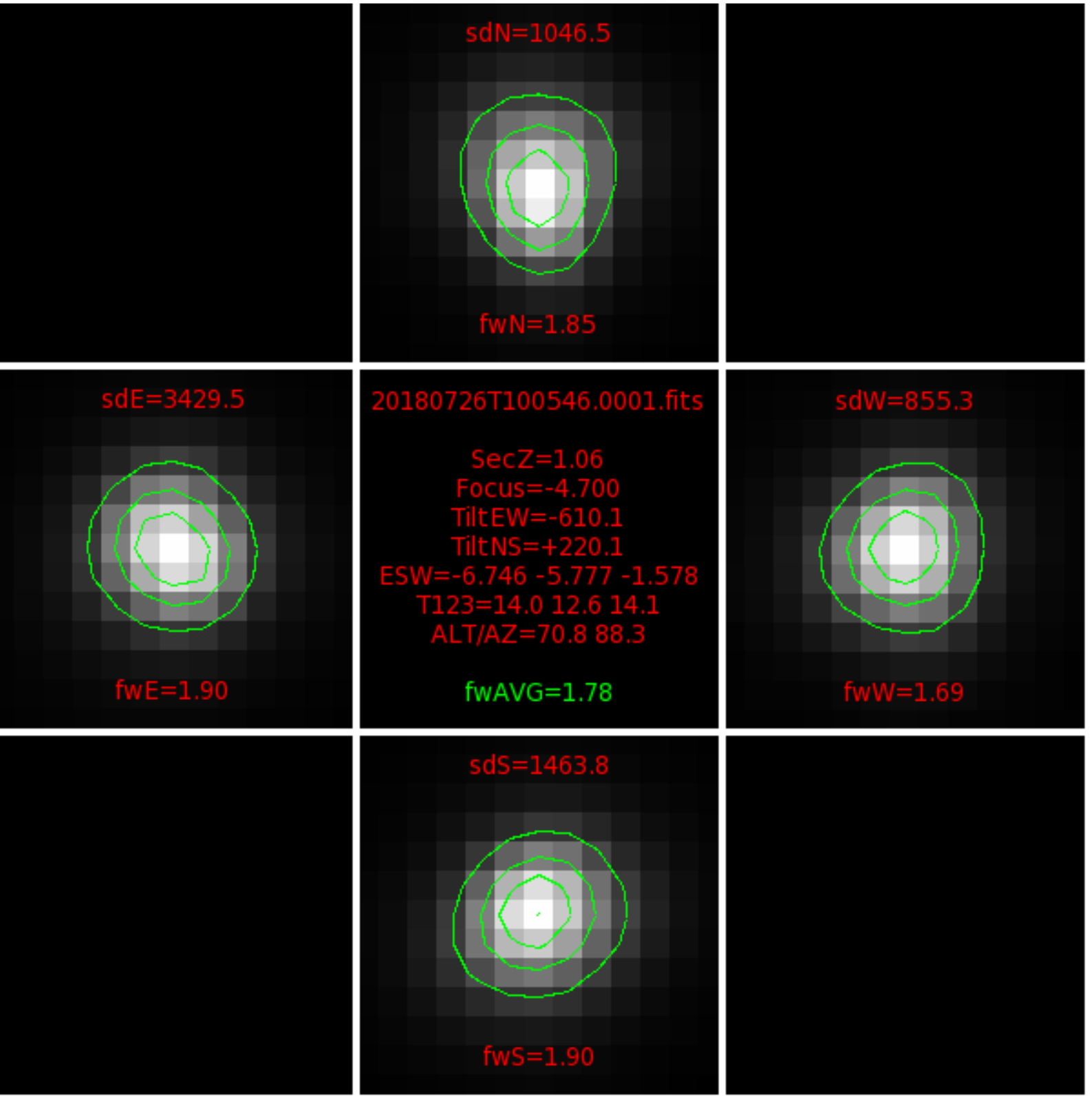
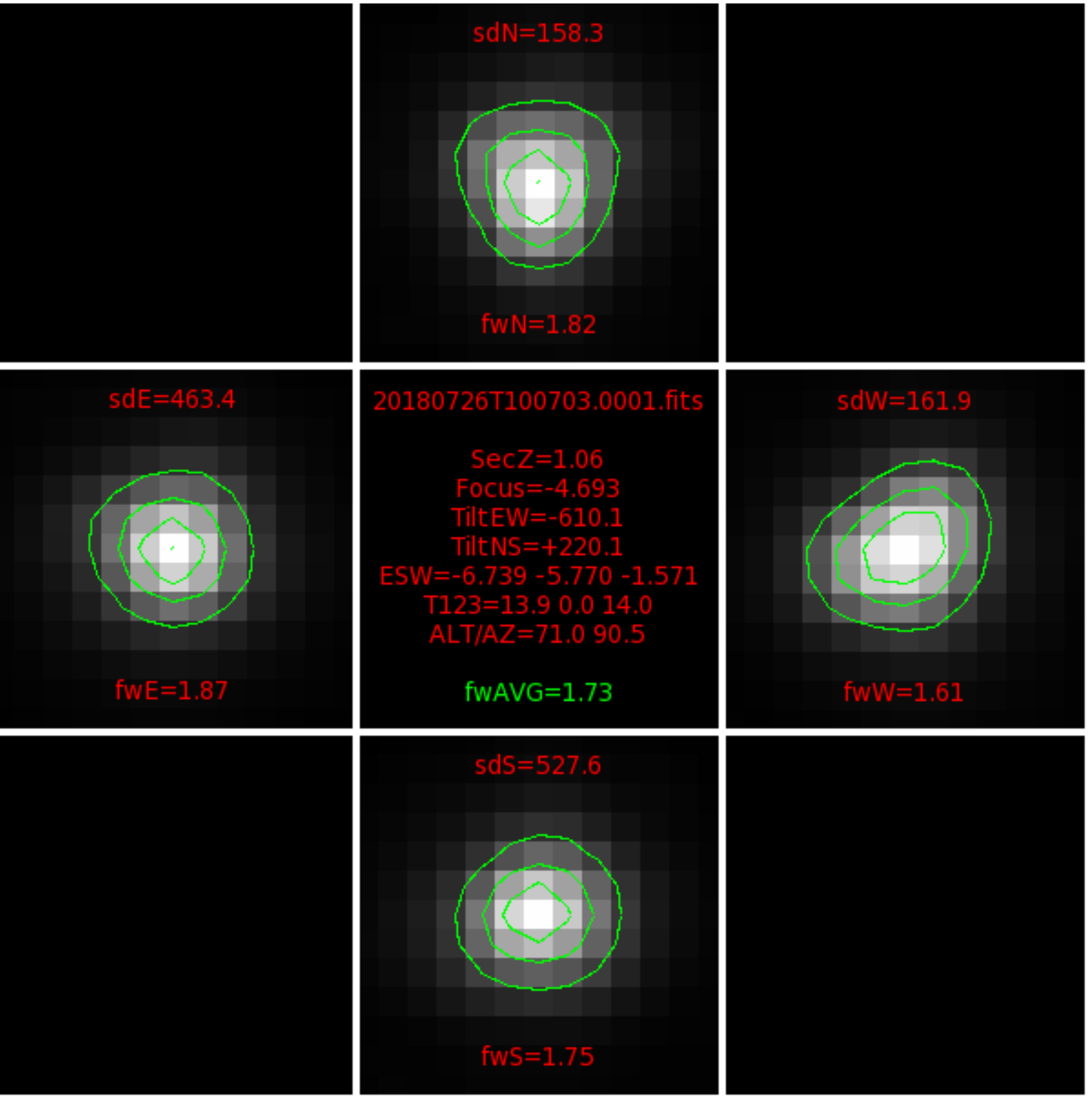
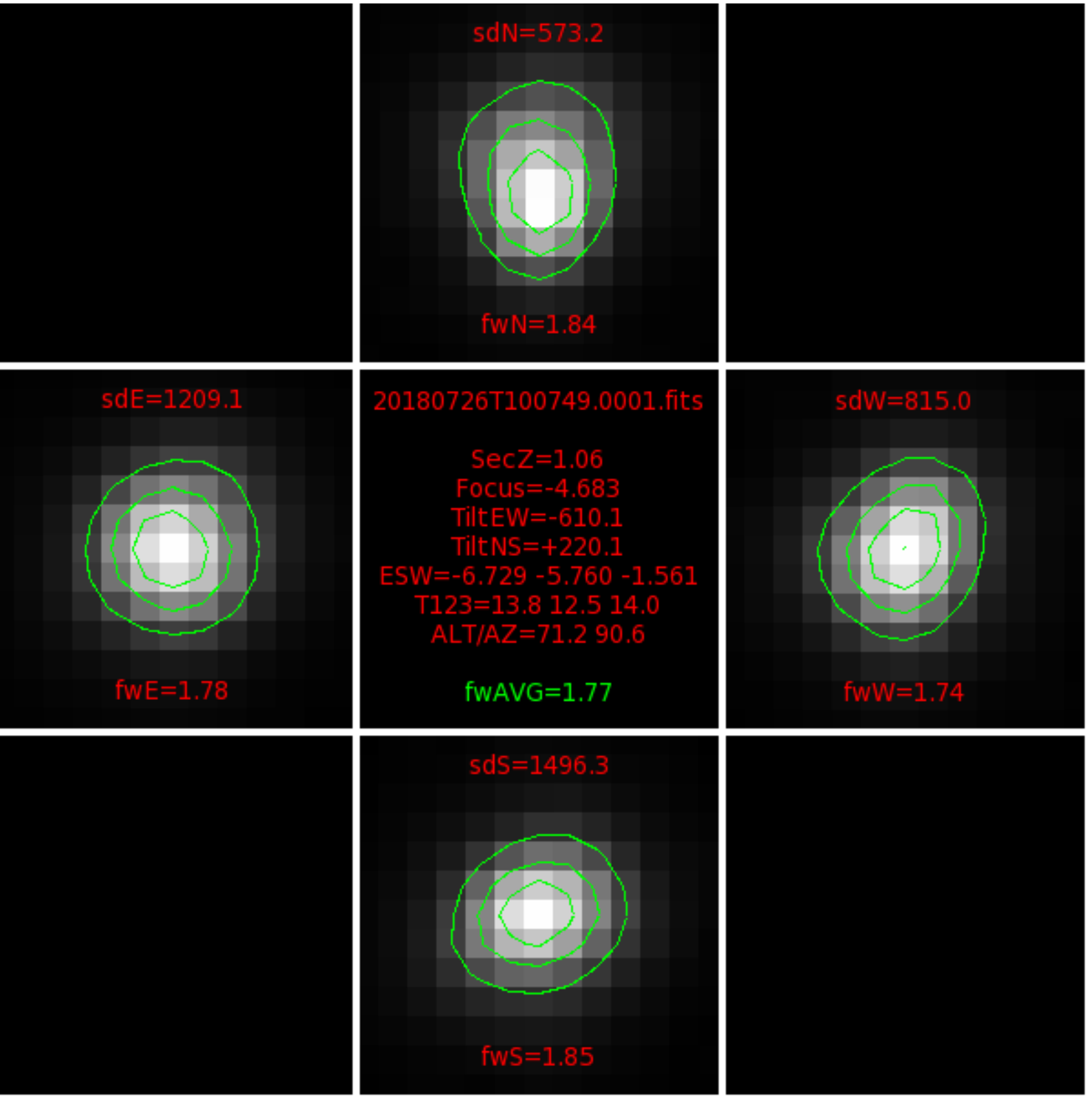

sdN=0.0
fwN=0.00
sdE=0.0
20180726T100231.0001.fits
SecZ=1.06
Focus=-4.700
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.746 -5.777 -1.578
T123=14.2 12.9 14.1
ALT/AZ=70.1 87.9
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
0 0 0 0 0 0 0 0 0

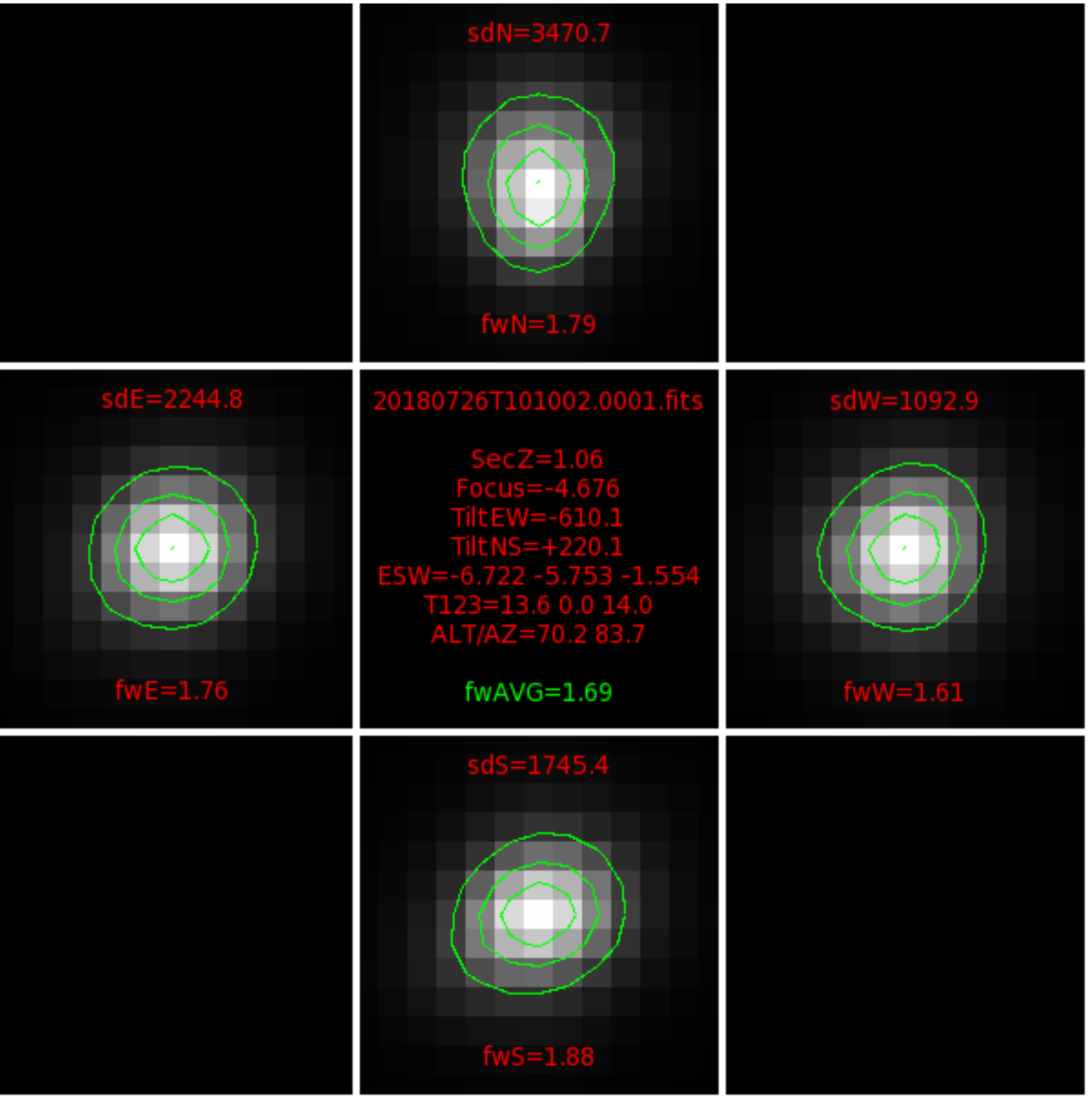

sdN=1826.8
fwN=1.83
sdE=1766.3
fwE=1.89
20180726T100336.0001.fits
SecZ=1.06
Focus=-4.700
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.746 -5.777 -1.578
T123=14.1 12.6 14.1
ALT/AZ=70.3 88.0
fwAVG=1.79
sdW=1714.2
fwW=1.71
sdS=1716.7
fwS=1.86
0 0 0 0 0 0 0 0 0

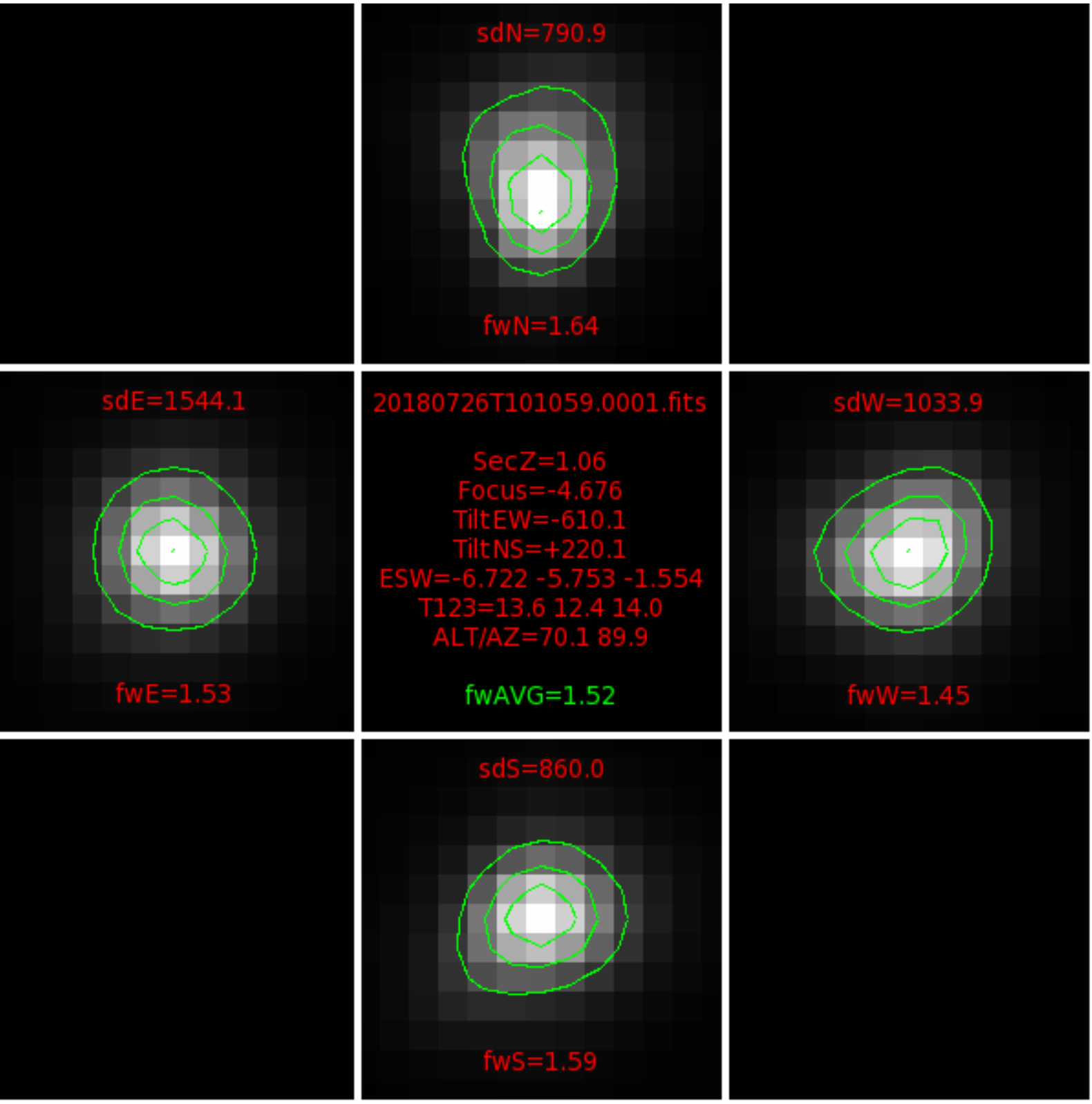

sdN=308.4
fwN=1.88
sdE=2500.9
fwE=1.85
20180726T100459.0001.fits
SecZ=1.06
Focus=-4.700
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.746 -5.777 -1.578
T123=14.0 0.0 14.0
ALT/AZ=70.6 88.2
fwAVG=1.79
sdW=211.9
fwW=1.71
sdS=652.0
fwS=1.80
0 0 0 0 0 0 0 0 0

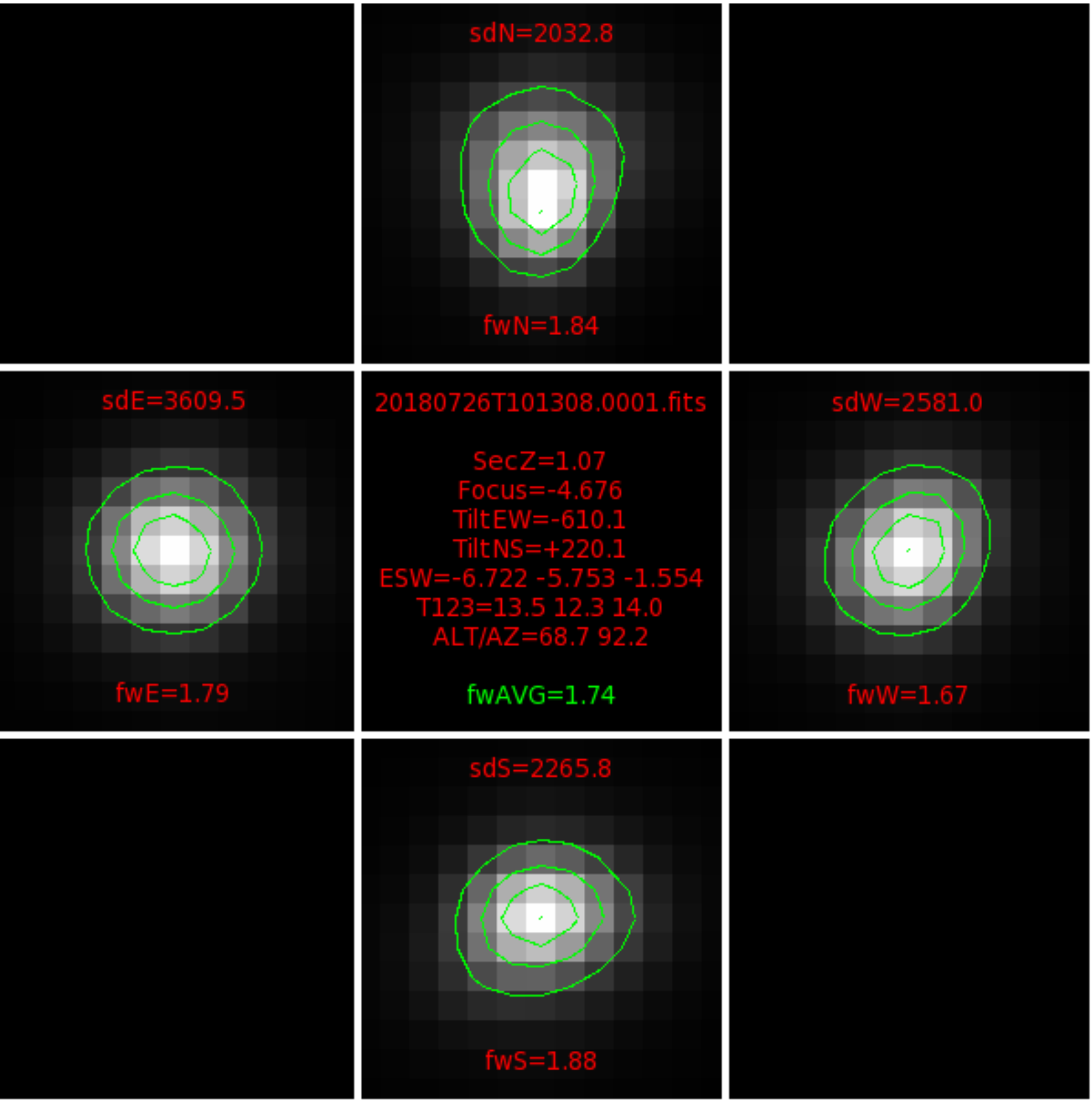

sdN=1046.5
fwN=1.85
sdE=3429.5
fwE=1.90
20180726T100546.0001.fits
SecZ=1.06
Focus=-4.700
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.746 -5.777 -1.578
T123=14.0 12.6 14.1
ALT/AZ=70.8 88.3
fwAVG=1.78
sdW=855.3
fwW=1.69
sdS=1463.8
fwS=1.90
0 0 0 0 0 0 0 0 0

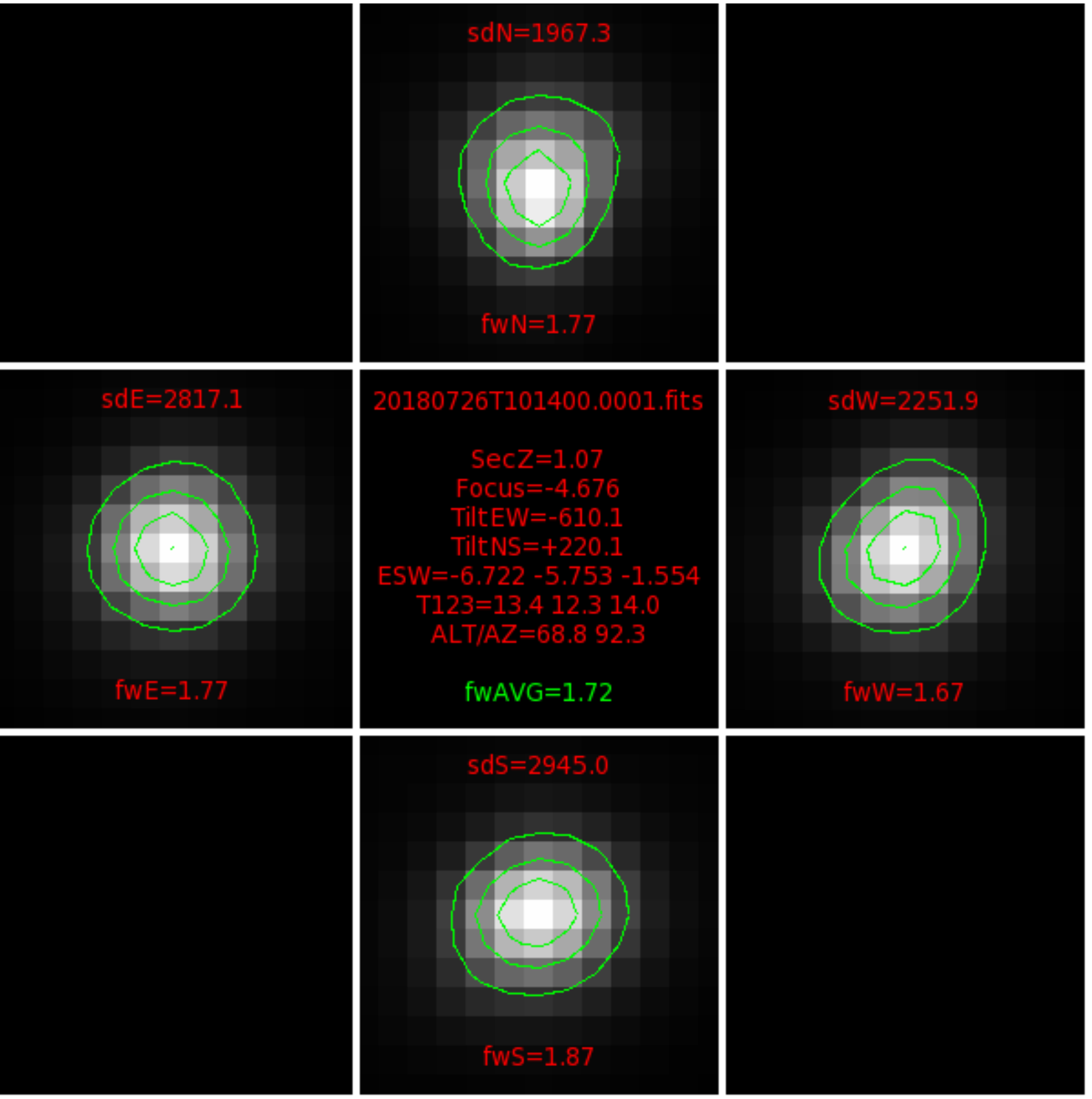

sdN=158.3
fwN=1.82
sdE=463.4
fwE=1.87
20180726T100703.0001.fits
SecZ=1.06
Focus=-4.693
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.739 -5.770 -1.571
T123=13.9 0.0 14.0
ALT/AZ=71.0 90.5
fwAVG=1.73
sdW=161.9
fwW=1.61
sdS=527.6
fwS=1.75
0 0 0 0 0 0 0 0 0

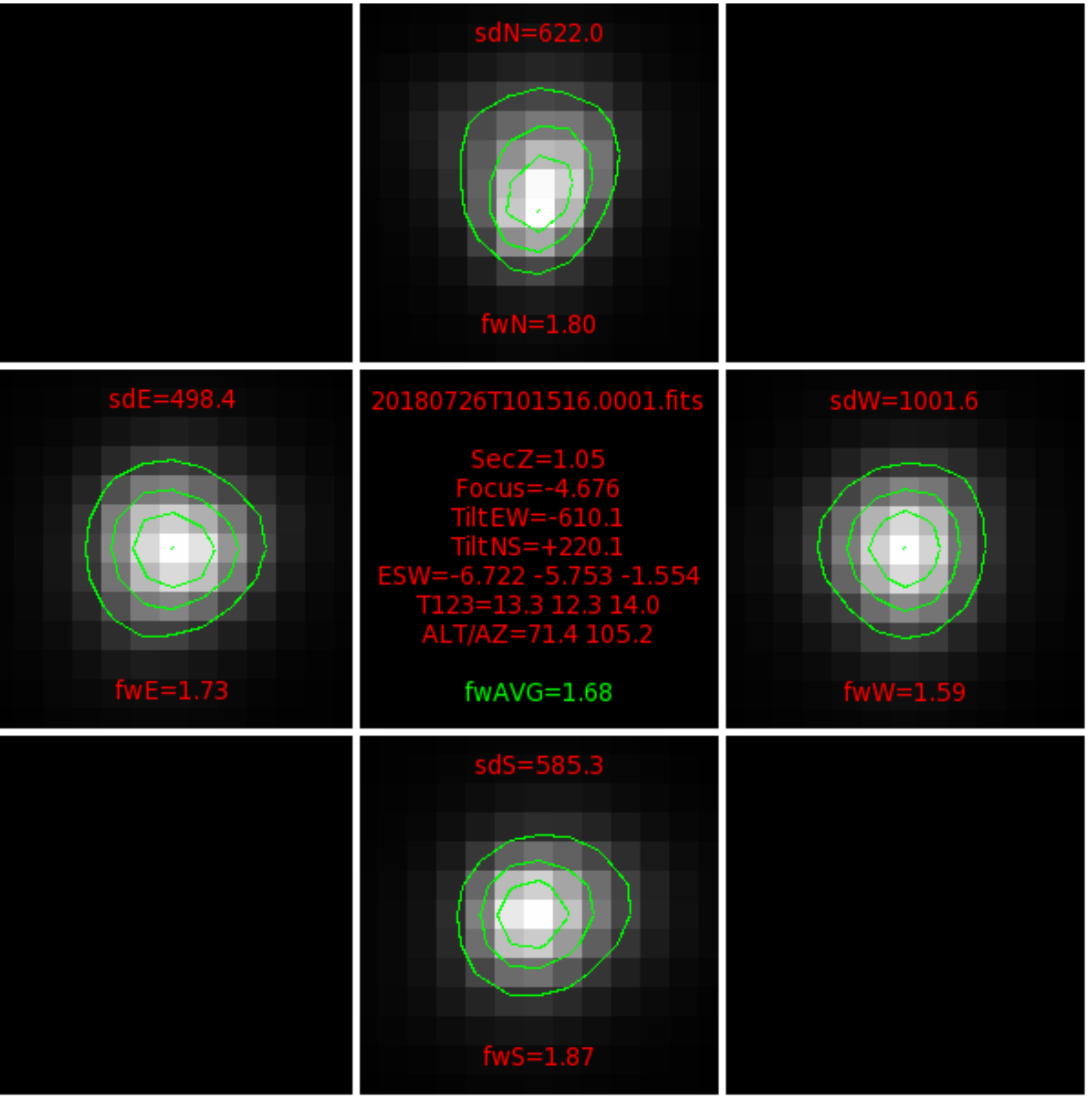

sdN=573.2
fwN=1.84
sdE=1209.1
fwE=1.78
20180726T100749.0001.fits
SecZ=1.06
Focus=-4.683
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.729 -5.760 -1.561
T123=13.8 12.5 14.0
ALT/AZ=71.2 90.6
fwAVG=1.77
sdW=815.0
fwW=1.74
sdS=1496.3
fwS=1.85
0 0 0 0 0 0 0 0 0

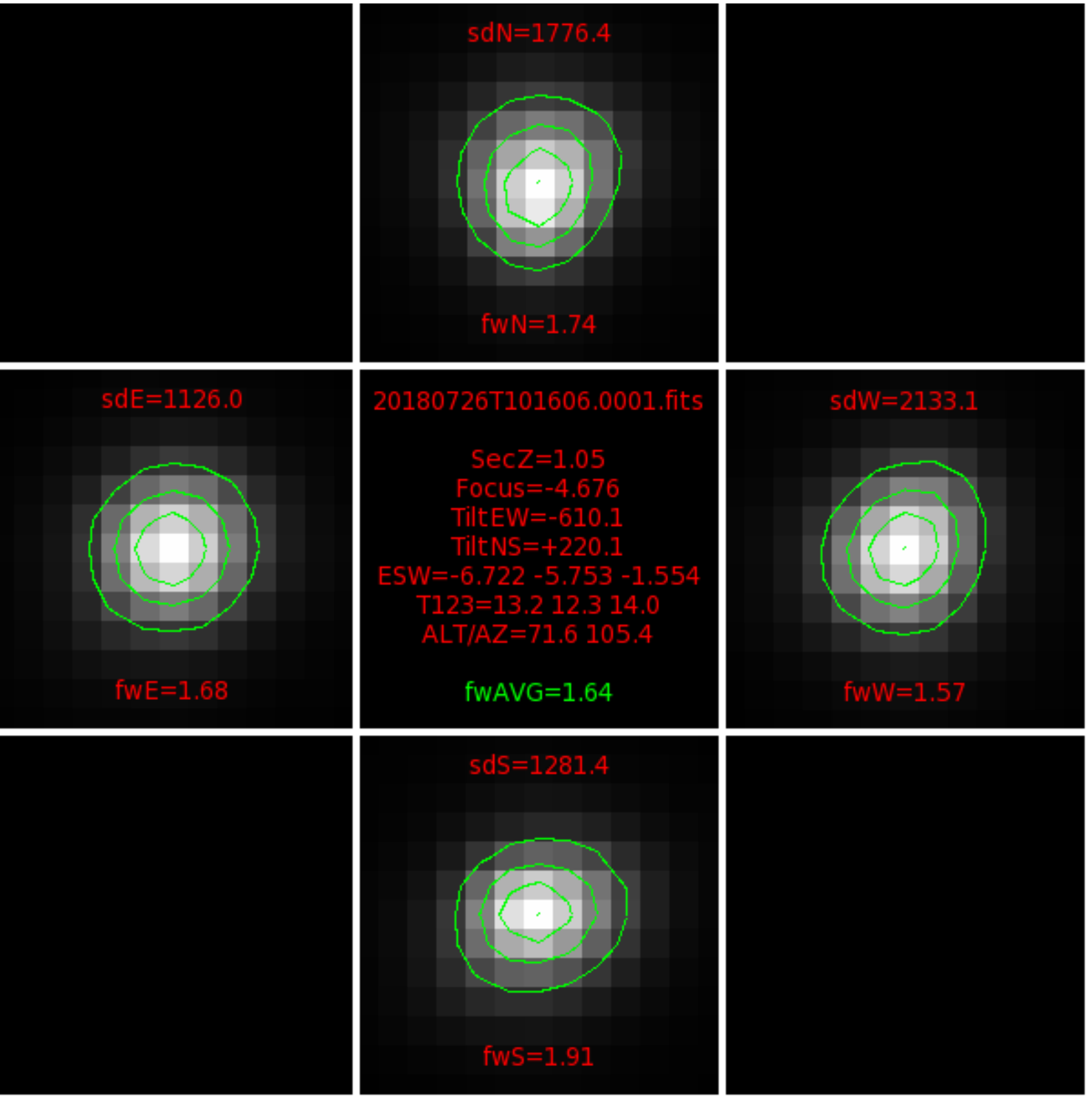

sdN=3470.7
fwN=1.79
sdE=2244.8
fwE=1.76
20180726T101002.0001.fits
SecZ=1.06
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=13.6 0.0 14.0
ALT/AZ=70.2 83.7
fwAVG=1.69
sdW=1092.9
fwW=1.61
sdS=1745.4
fwS=1.88
0 0 0 0 0 0 0 0 0

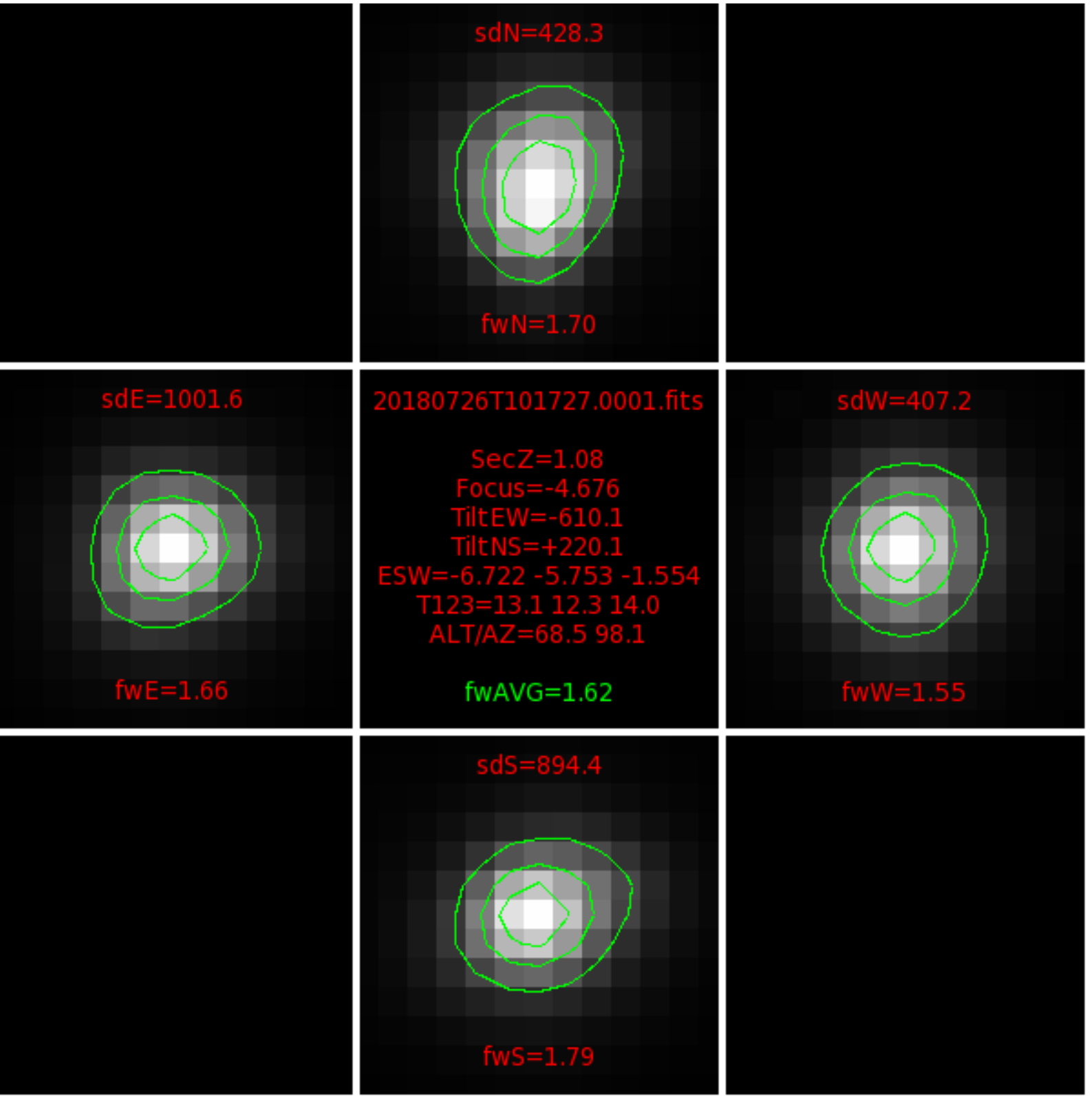

sdN=790.9
fwN=1.64
sdE=1544.1
fwE=1.53
20180726T101059.0001.fits
SecZ=1.06
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=13.6 12.4 14.0
ALT/AZ=70.1 89.9
fwAVG=1.52
sdW=1033.9
fwW=1.45
sdS=860.0
fwS=1.59
0 0 0 0 0 0 0 0 0

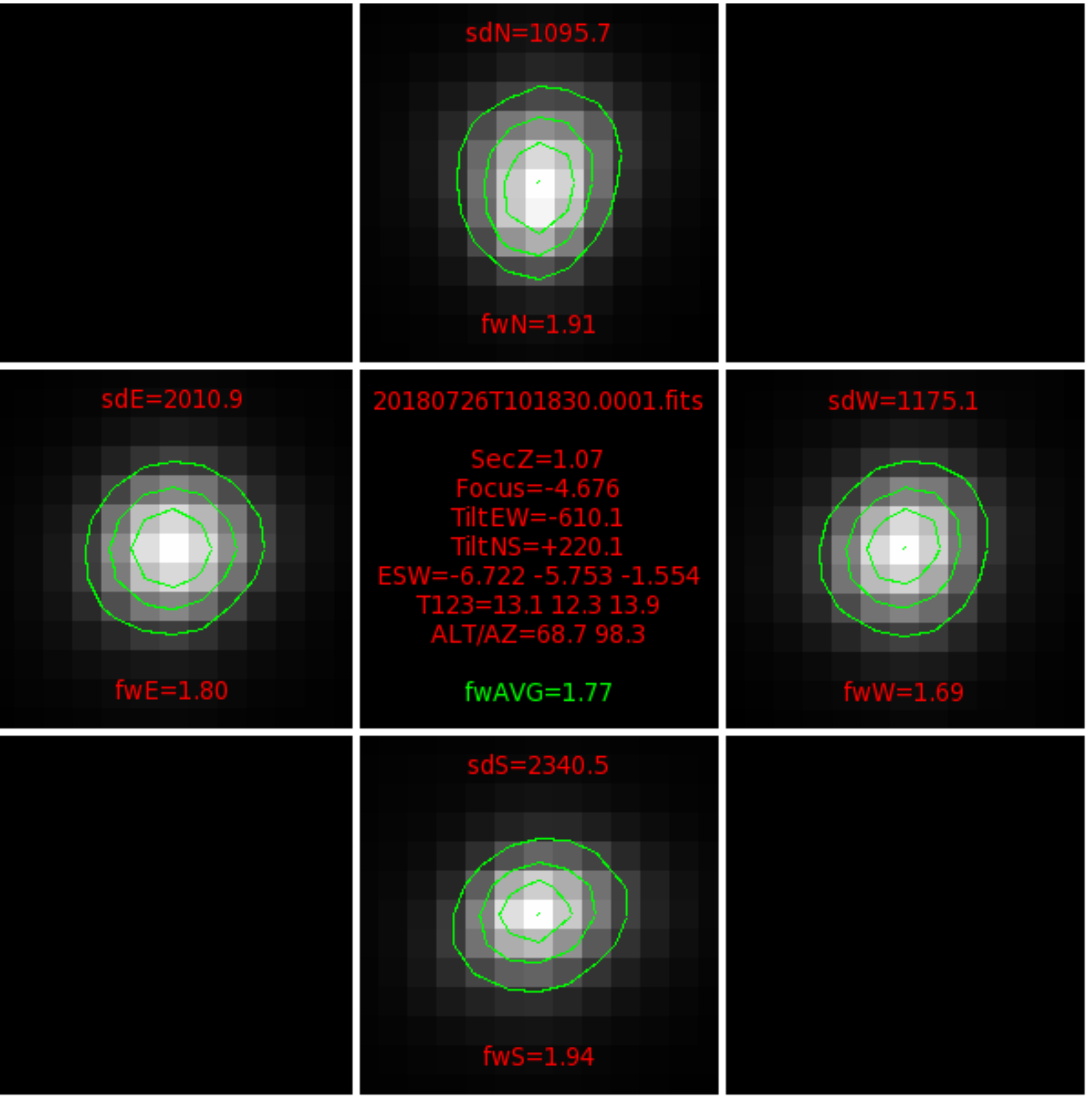

sdN=2032.8
fwN=1.84
sdE=3609.5
fwE=1.79
20180726T101308.0001.fits
SecZ=1.07
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=13.5 12.3 14.0
ALT/AZ=68.7 92.2
fwAVG=1.74
sdW=2581.0
fwW=1.67
sdS=2265.8
fwS=1.88
0 0 0 0 0 0 0 0 0

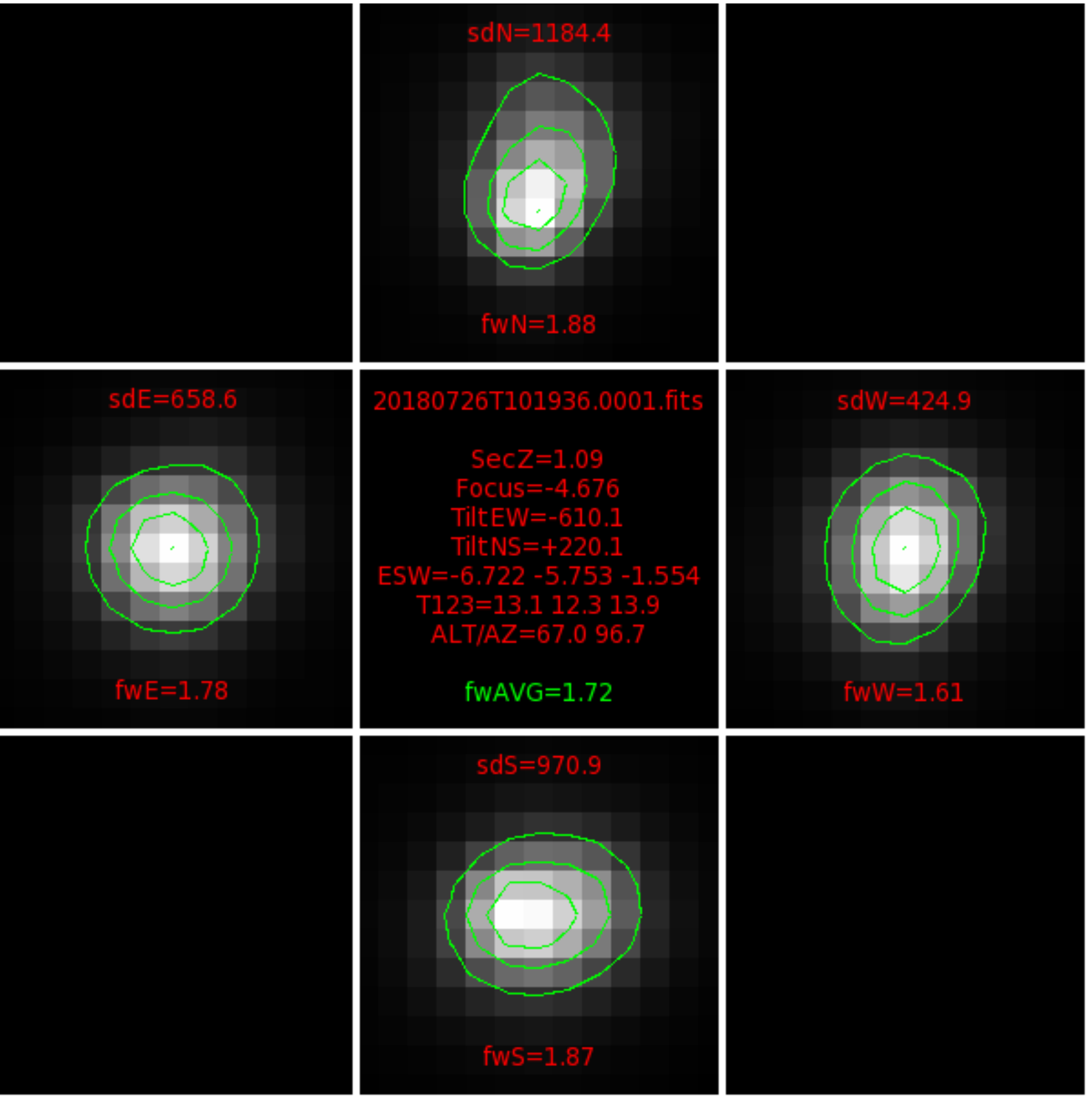

sdN=1967.3
fwN=1.77
sdE=2817.1
fwE=1.77
20180726T101400.0001.fits
SecZ=1.07
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=13.4 12.3 14.0
ALT/AZ=68.8 92.3
fwAVG=1.72
sdW=2251.9
fwW=1.67
sdS=2945.0
fwS=1.87
0 0 0 0 0 0 0 0 0

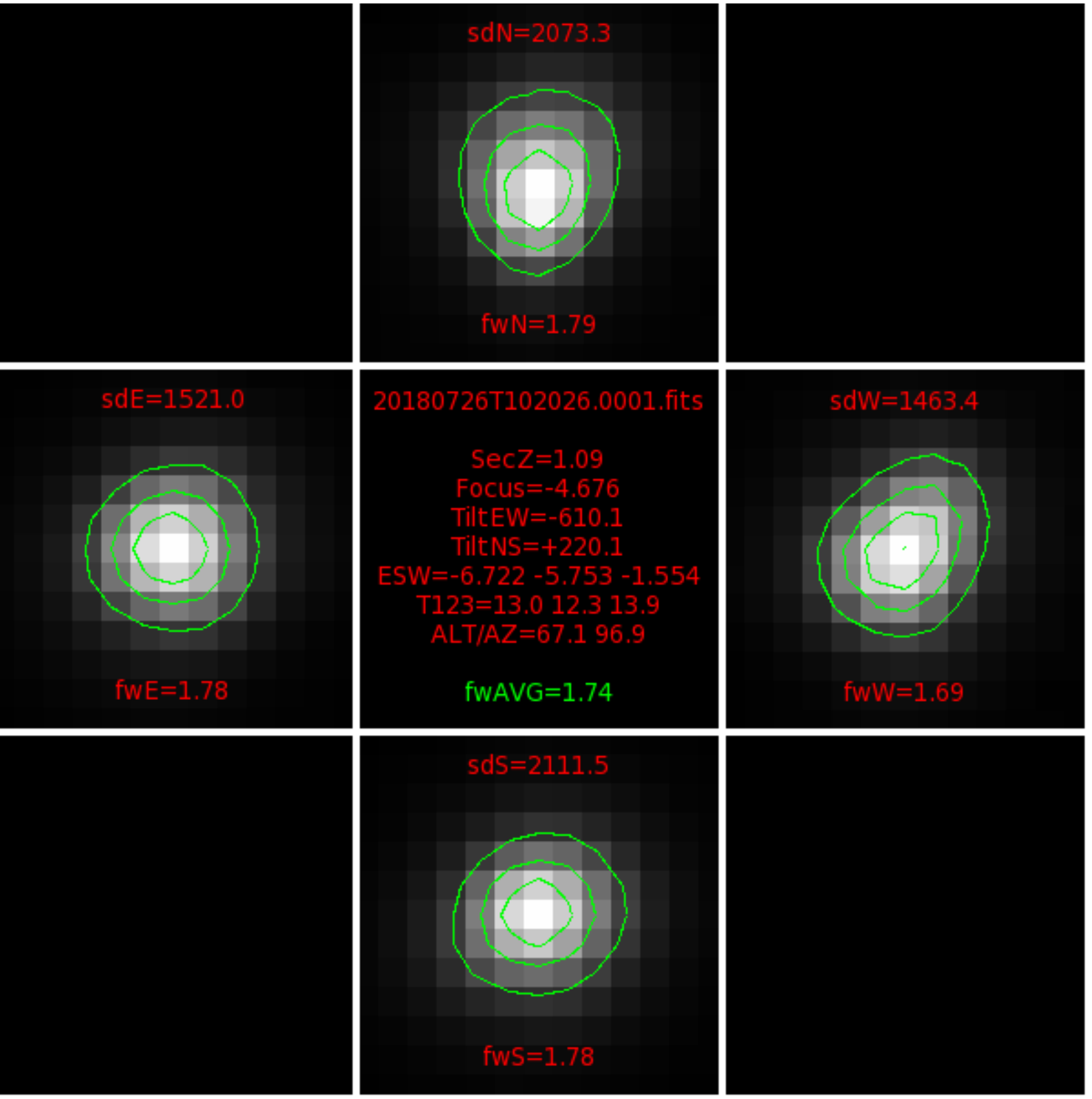

sdN=622.0
fwN=1.80
sdE=498.4
fwE=1.73
20180726T101516.0001.fits
SecZ=1.05
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=13.3 12.3 14.0
ALT/AZ=71.4 105.2
fwAVG=1.68
sdW=1001.6
fwW=1.59
sdS=585.3
fwS=1.87
0 0 0 0 0 0 0 0 0

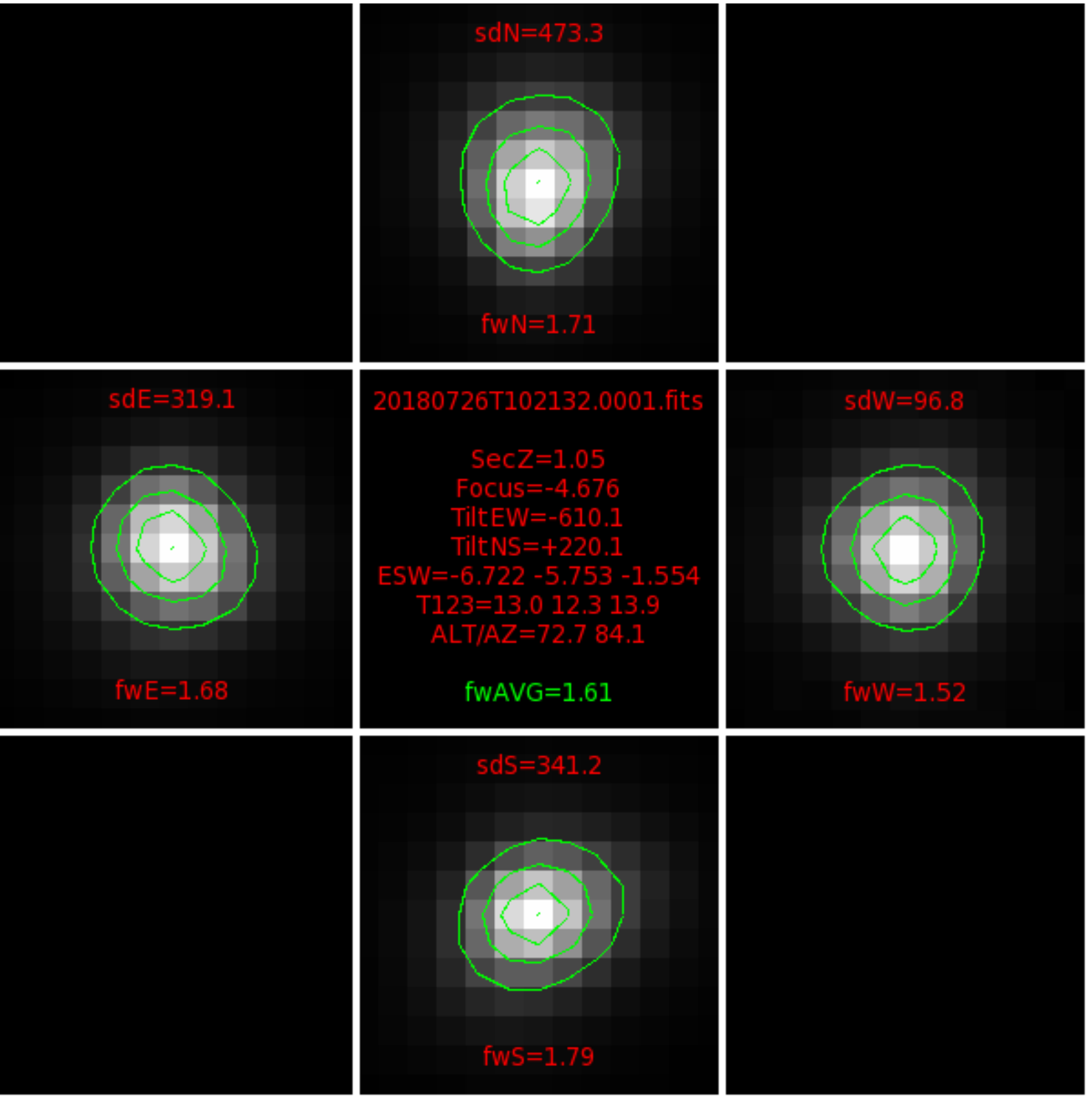

sdN=1776.4
fwN=1.74
sdE=1126.0
fwE=1.68
20180726T101606.0001.fits
SecZ=1.05
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=13.2 12.3 14.0
ALT/AZ=71.6 105.4
fwAVG=1.64
sdW=2133.1
fwW=1.57
sdS=1281.4
fwS=1.91
0 0 0 0 0 0 0 0 0

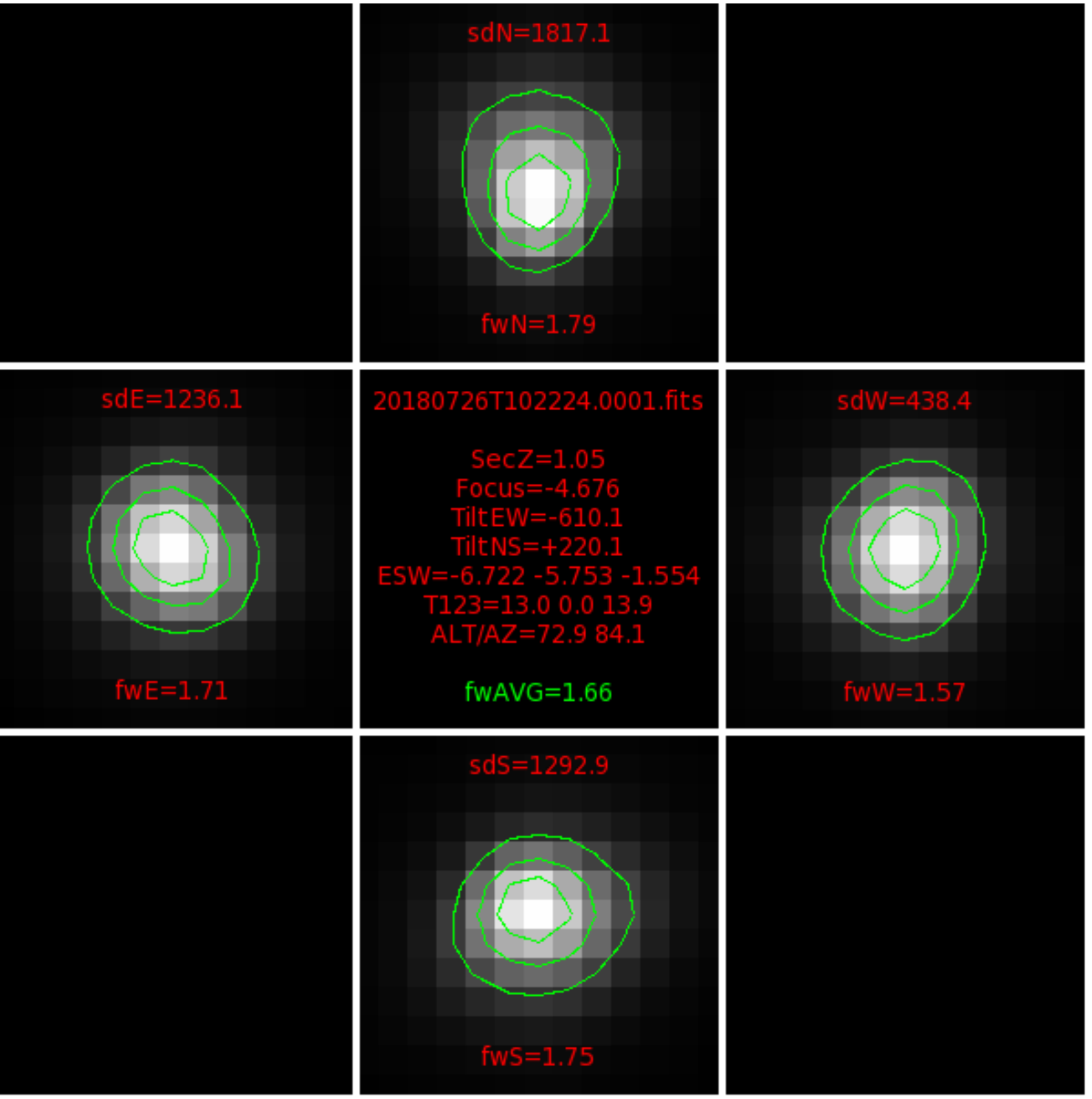

sdN=428.3
fwN=1.70
sdE=1001.6
fwE=1.66
20180726T101727.0001.fits
SecZ=1.08
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=13.1 12.3 14.0
ALT/AZ=68.5 98.1
fwAVG=1.62
sdW=407.2
fwW=1.55
sdS=894.4
fwS=1.79
0 0 0 0 0 0 0 0 0

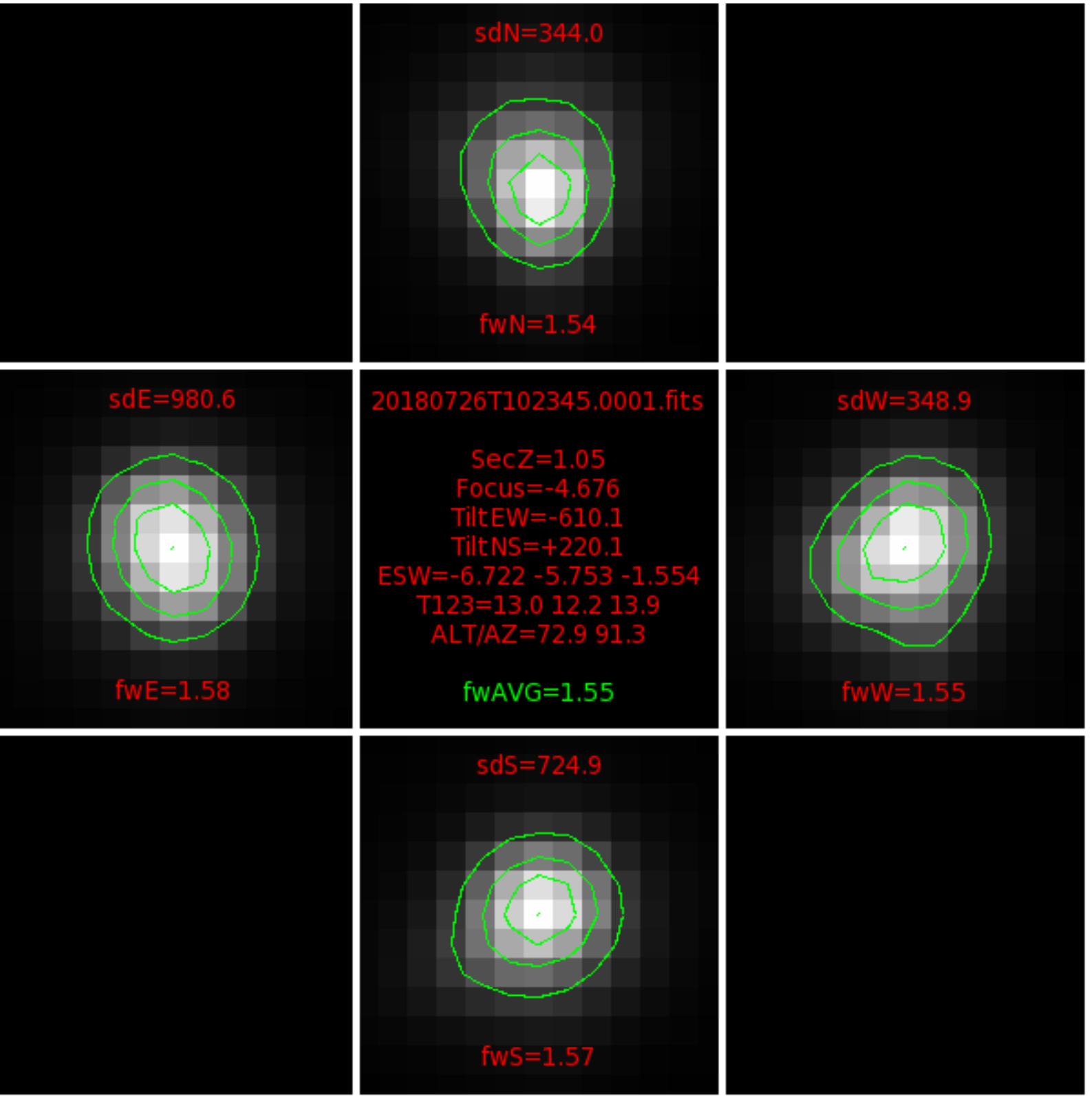

sdN=1095.7
fwN=1.91
sdE=2010.9
fwE=1.80
20180726T101830.0001.fits
SecZ=1.07
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=13.1 12.3 13.9
ALT/AZ=68.7 98.3
fwAVG=1.77
sdW=1175.1
fwW=1.69
sdS=2340.5
fwS=1.94
0 0 0 0 0 0 0 0 0

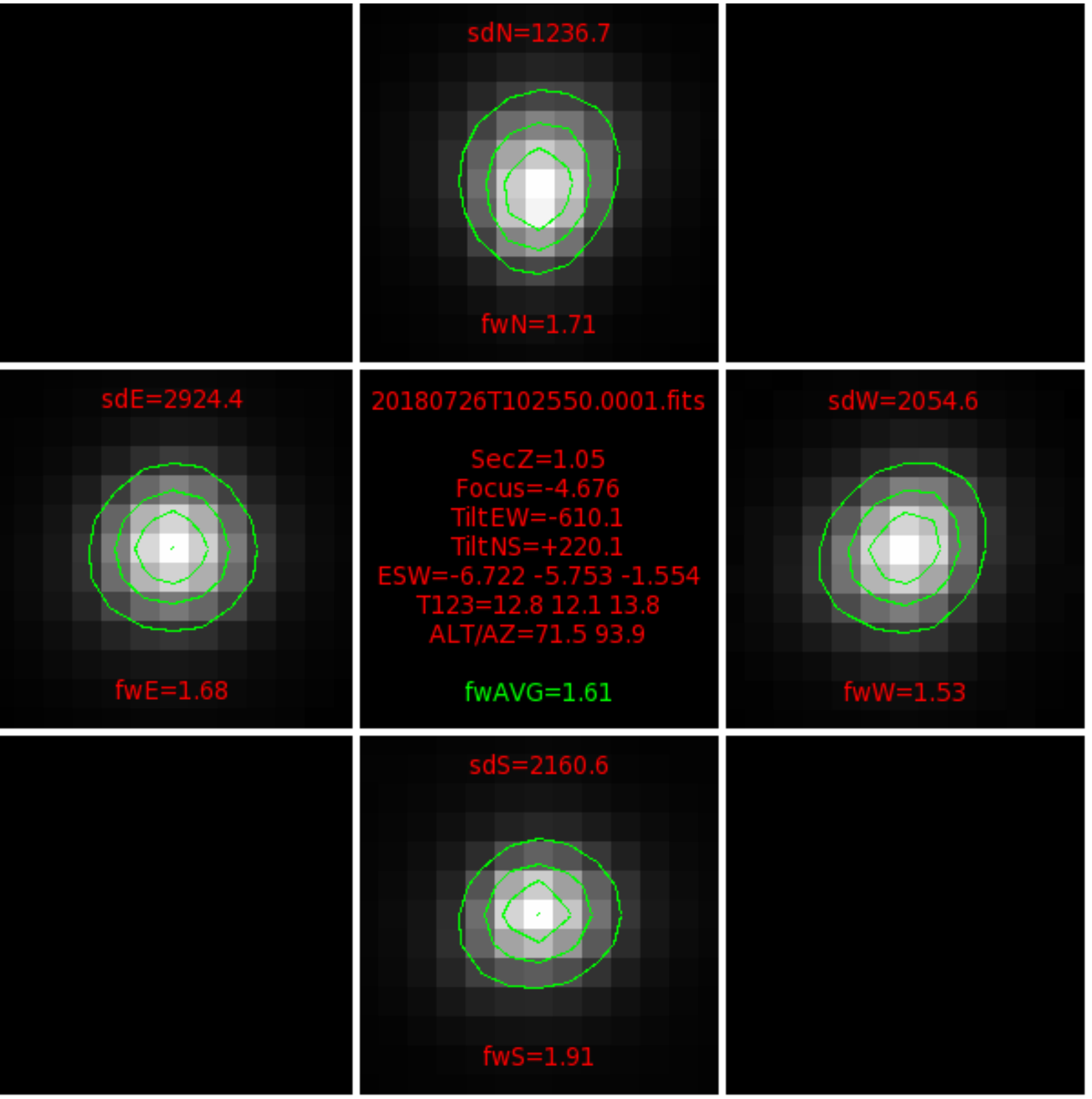

sdN=1184.4
fwN=1.88
sdE=658.6
fwE=1.78
20180726T101936.0001.fits
SecZ=1.09
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=13.1 12.3 13.9
ALT/AZ=67.0 96.7
fwAVG=1.72
sdW=424.9
fwW=1.61
sdS=970.9
fwS=1.87
0 0 0 0 0 0 0 0 0

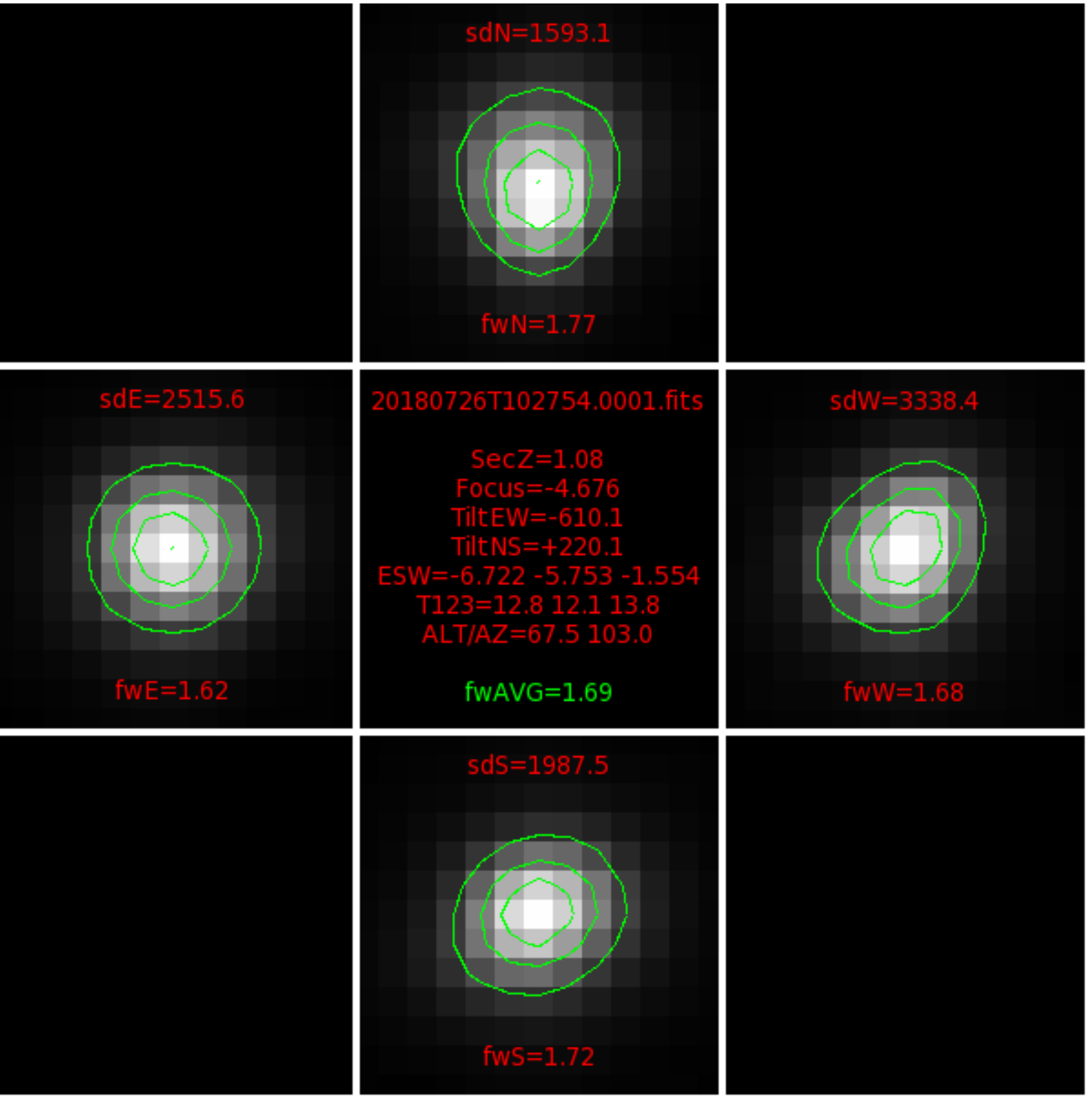

sdN=2073.3
fwN=1.79
sdE=1521.0
fwE=1.78
20180726T102026.0001.fits
SecZ=1.09
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=13.0 12.3 13.9
ALT/AZ=67.1 96.9
fwAVG=1.74
sdW=1463.4
fwW=1.69
sdS=2111.5
fwS=1.78
0 0 0 0 0 0 0 0 0

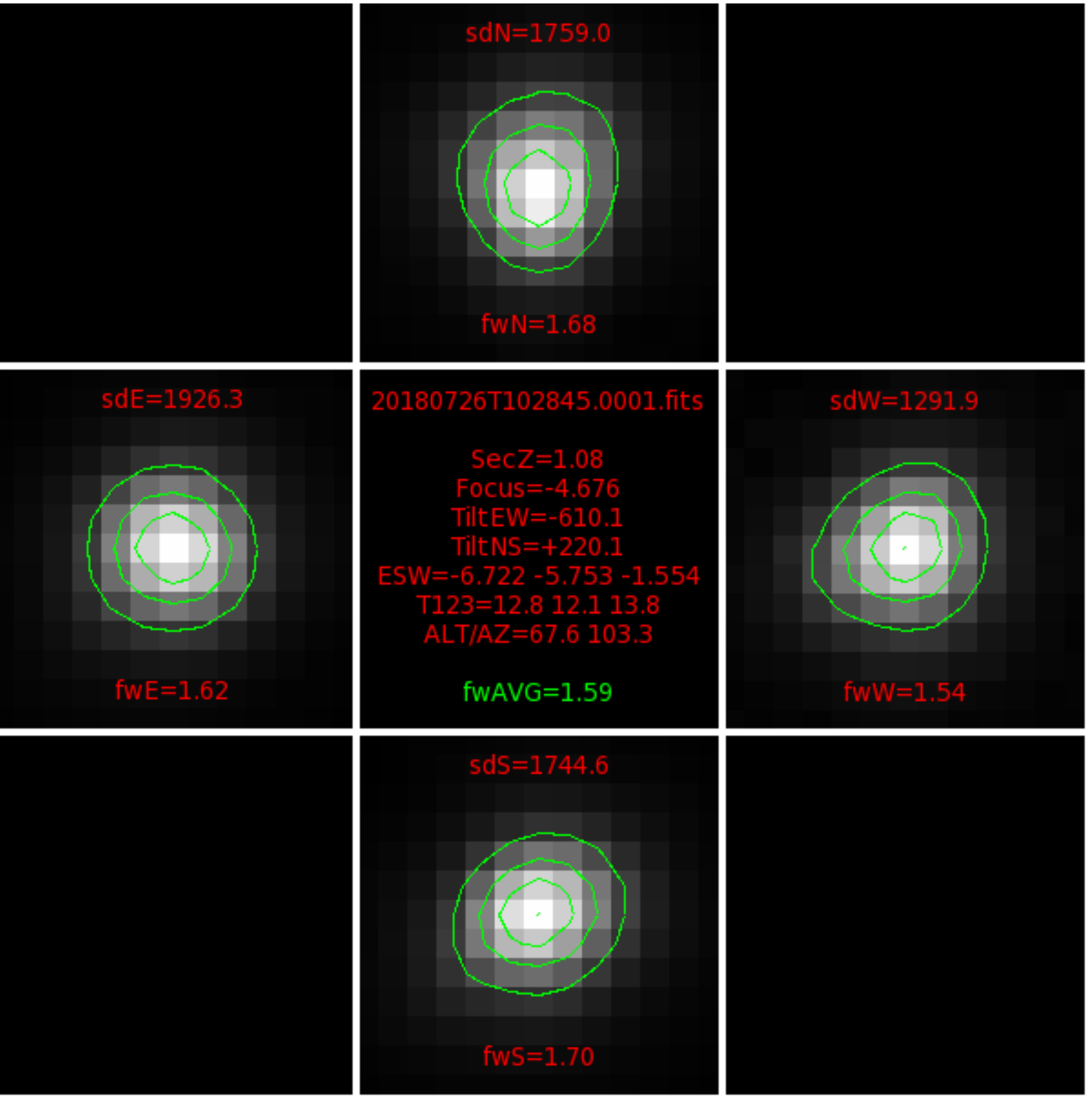

sdN=473.3
fwN=1.71
sdE=319.1
fwE=1.68
20180726T102132.0001.fits
SecZ=1.05
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=13.0 12.3 13.9
ALT/AZ=72.7 84.1
fwAVG=1.61
sdW=96.8
fwW=1.52
sdS=341.2
fwS=1.79
0 0 0 0 0 0 0 0 0

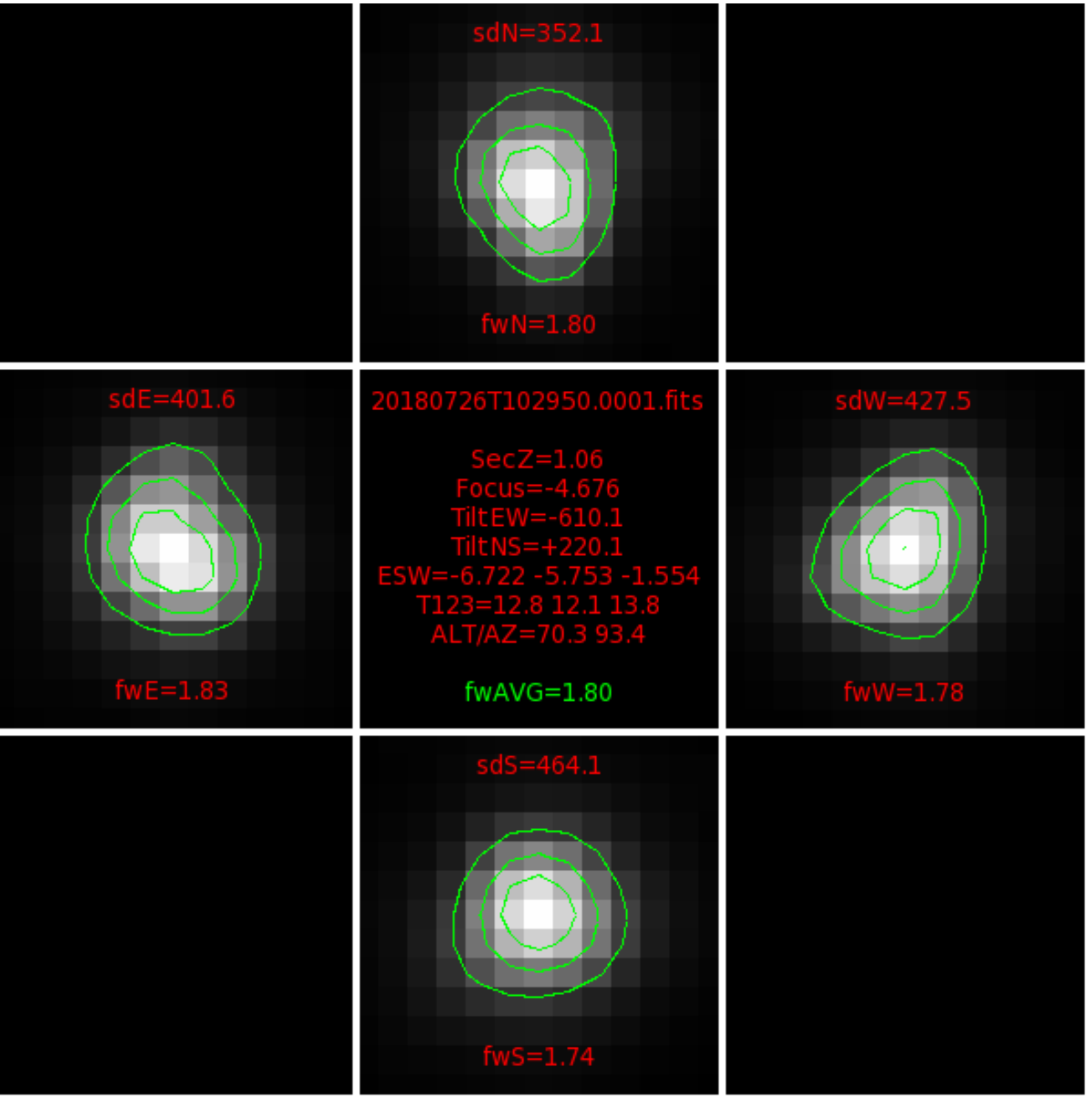

sdN=1817.1
fwN=1.79
sdE=1236.1
fwE=1.71
20180726T102224.0001.fits
SecZ=1.05
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=13.0 0.0 13.9
ALT/AZ=72.9 84.1
fwAVG=1.66
sdW=438.4
fwW=1.57
sdS=1292.9
fwS=1.75
0 0 0 0 0 0 0 0 0

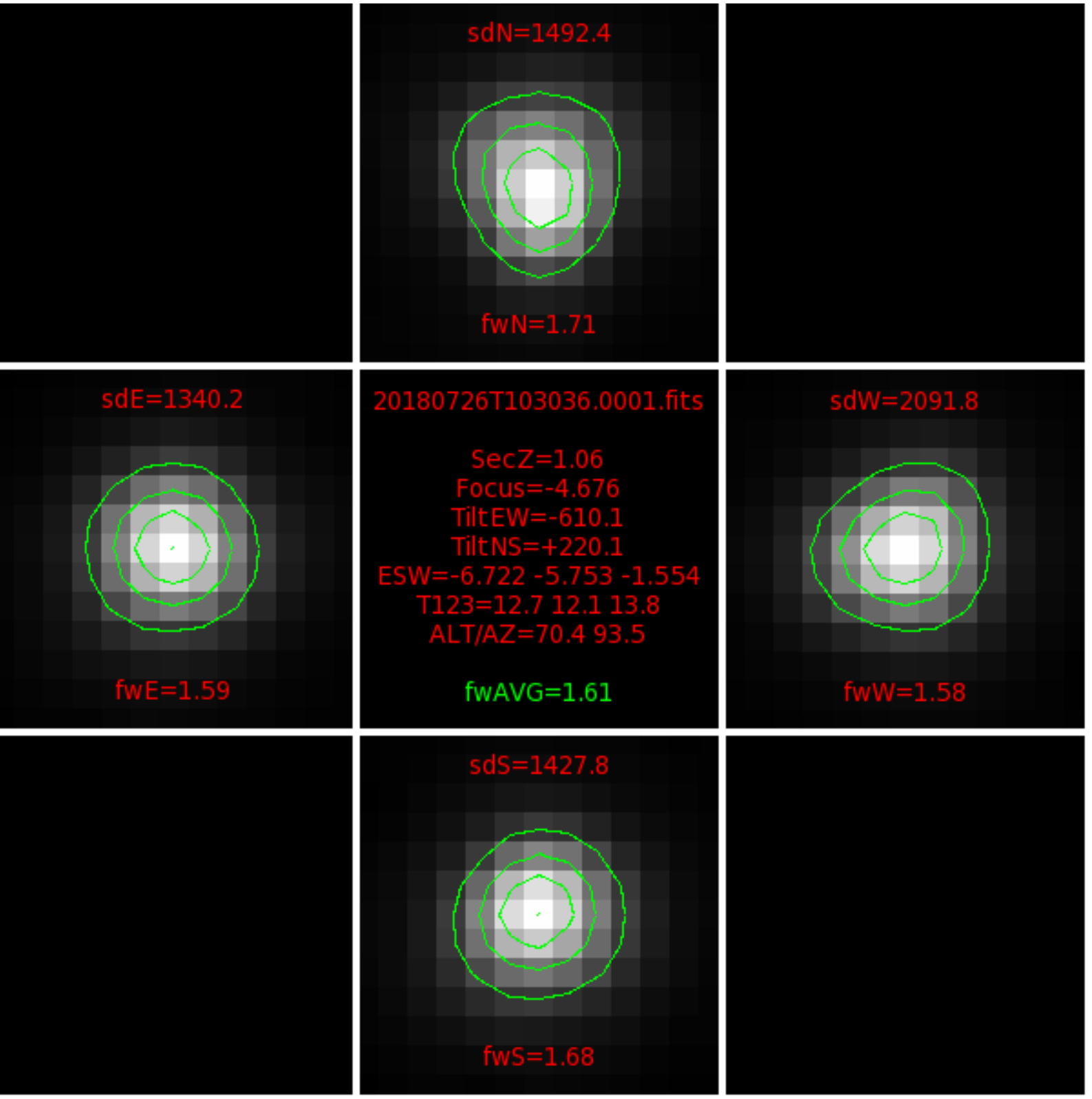

sdN=344.0
fwN=1.54
sdE=980.6
fwE=1.58
20180726T102345.0001.fits
SecZ=1.05
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=13.0 12.2 13.9
ALT/AZ=72.9 91.3
fwAVG=1.55
sdW=348.9
fwW=1.55
sdS=724.9
fwS=1.57
0 0 0 0 0 0 0 0 0

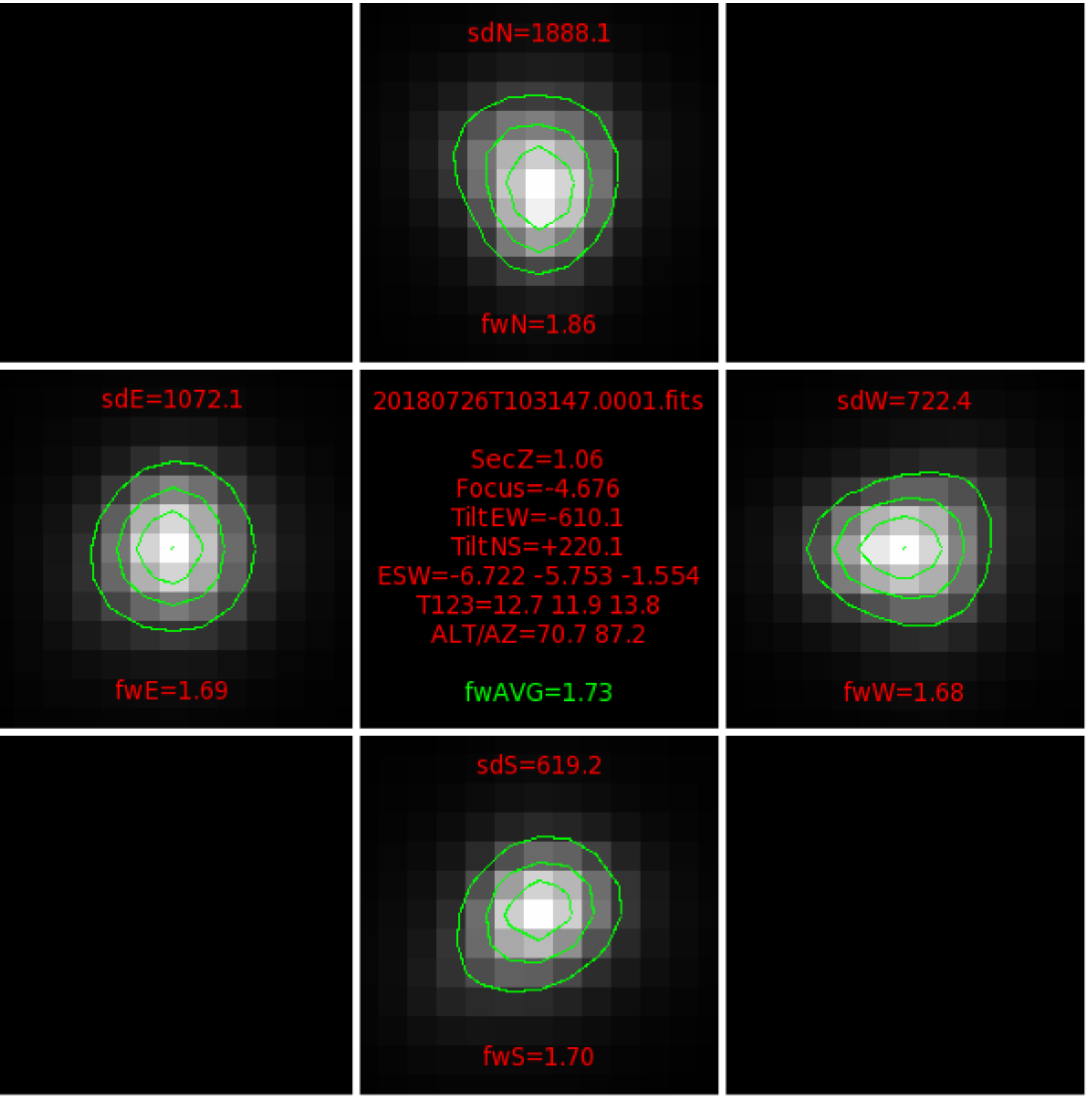

sdN=1236.7
fwN=1.71
sdE=2924.4
fwE=1.68
20180726T102550.0001.fits
SecZ=1.05
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.8 12.1 13.8
ALT/AZ=71.5 93.9
fwAVG=1.61
sdW=2054.6
fwW=1.53
sdS=2160.6
fwS=1.91
0 0 0 0 0 0 0 0 0

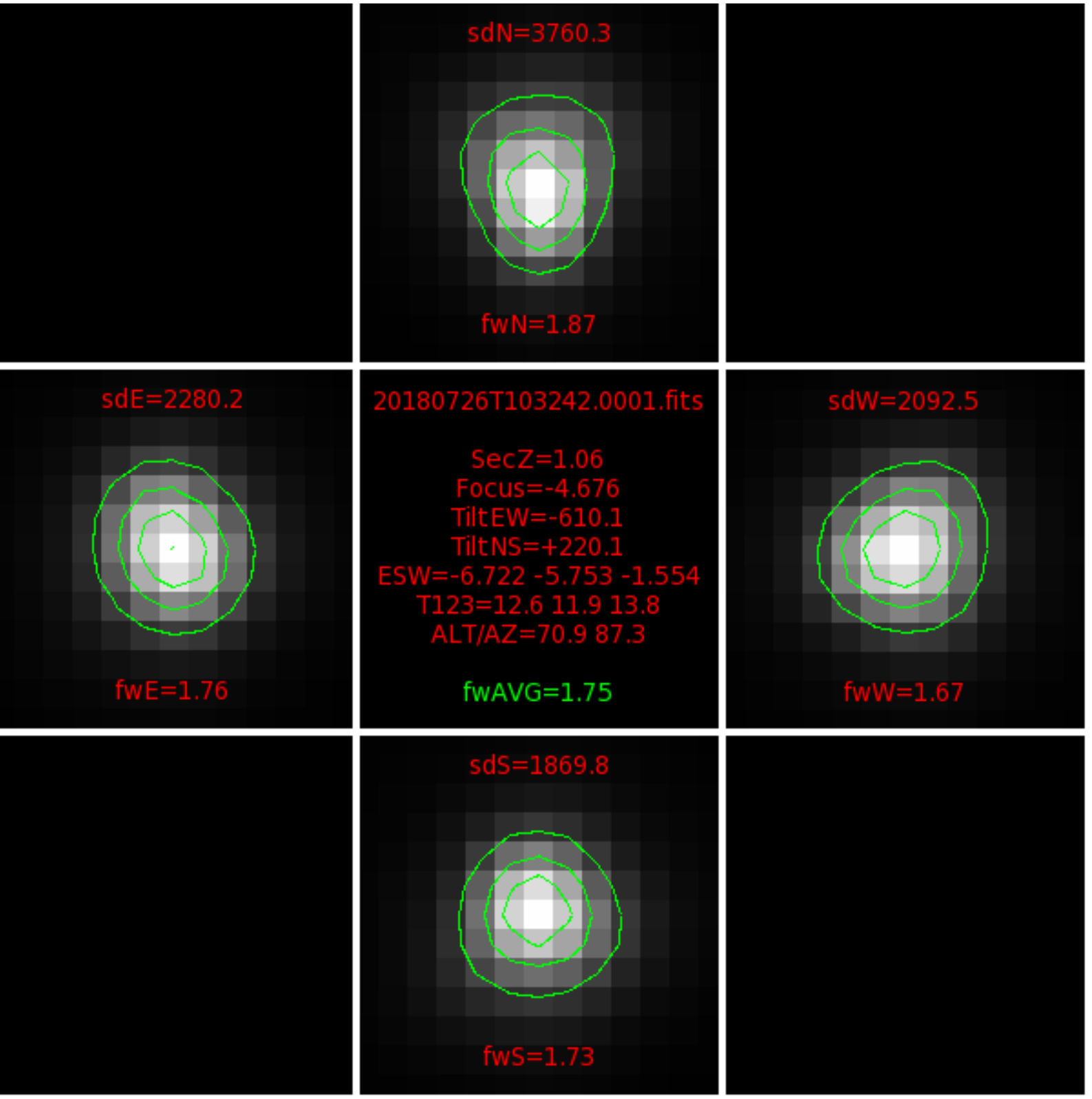

sdN=1593.1
fwN=1.77
sdE=2515.6
fwE=1.62
20180726T102754.0001.fits
SecZ=1.08
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.8 12.1 13.8
ALT/AZ=67.5 103.0
fwAVG=1.69
sdW=3338.4
fwW=1.68
sdS=1987.5
fwS=1.72
0 0 0 0 0 0 0 0 0

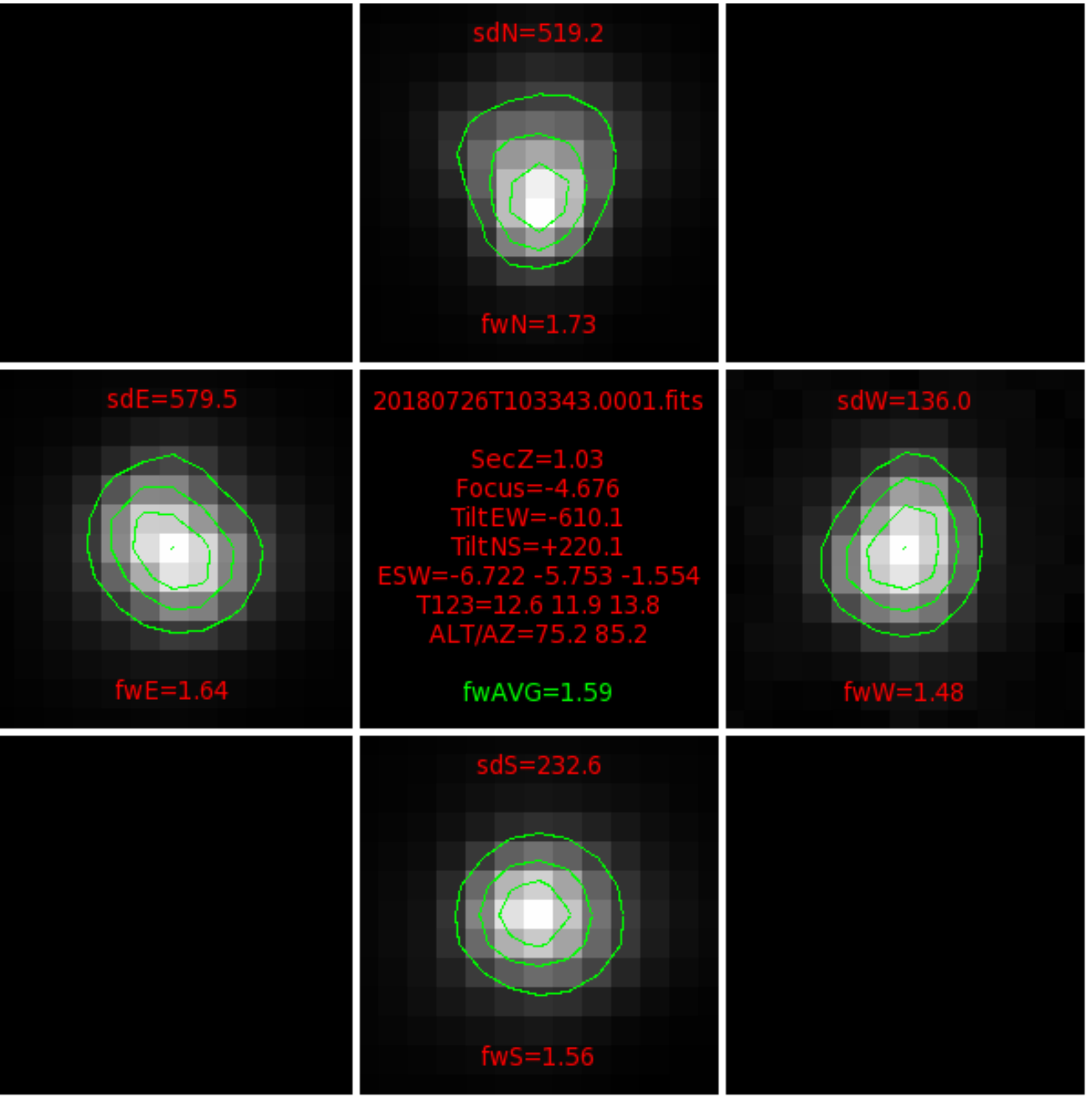

sdN=1759.0
fwN=1.68
sdE=1926.3
fwE=1.62
20180726T102845.0001.fits
SecZ=1.08
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.8 12.1 13.8
ALT/AZ=67.6 103.3
fwAVG=1.59
sdW=1291.9
fwW=1.54
sdS=1744.6
fwS=1.70
0 0 0 0 0 0 0 0 0

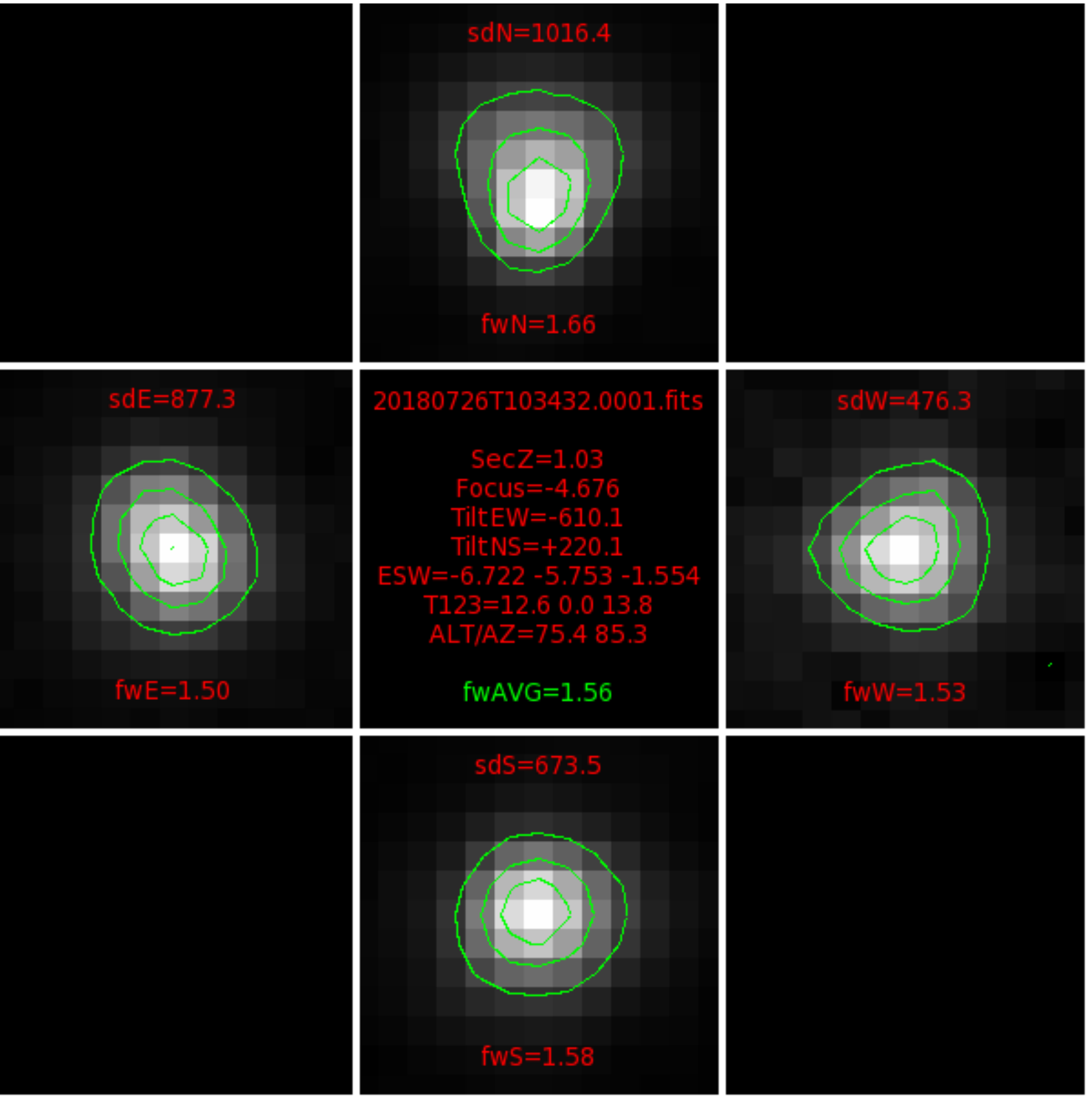

sdN=352.1
fwN=1.80
sdE=401.6
fwE=1.83
20180726T102950.0001.fits
SecZ=1.06
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.8 12.1 13.8
ALT/AZ=70.3 93.4
fwAVG=1.80
sdW=427.5
fwW=1.78
sdS=464.1
fwS=1.74
0 0 0 0 0 0 0 0 0

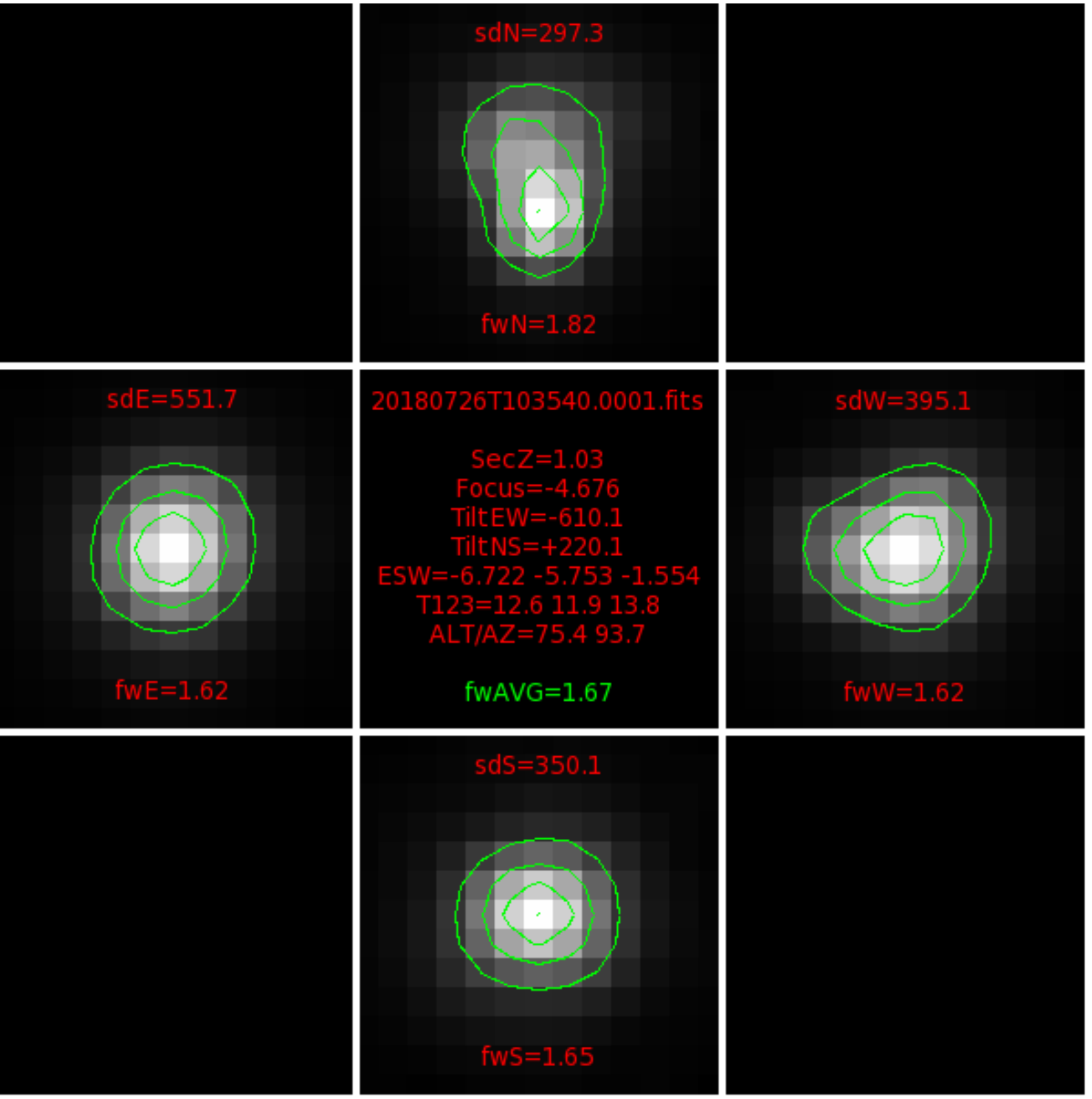

sdN=1492.4
fwN=1.71
sdE=1340.2
fwE=1.59
20180726T103036.0001.fits
SecZ=1.06
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.7 12.1 13.8
ALT/AZ=70.4 93.5
fwAVG=1.61
sdW=2091.8
fwW=1.58
sdS=1427.8
fwS=1.68
0 0 0 0 0 0 0 0 0

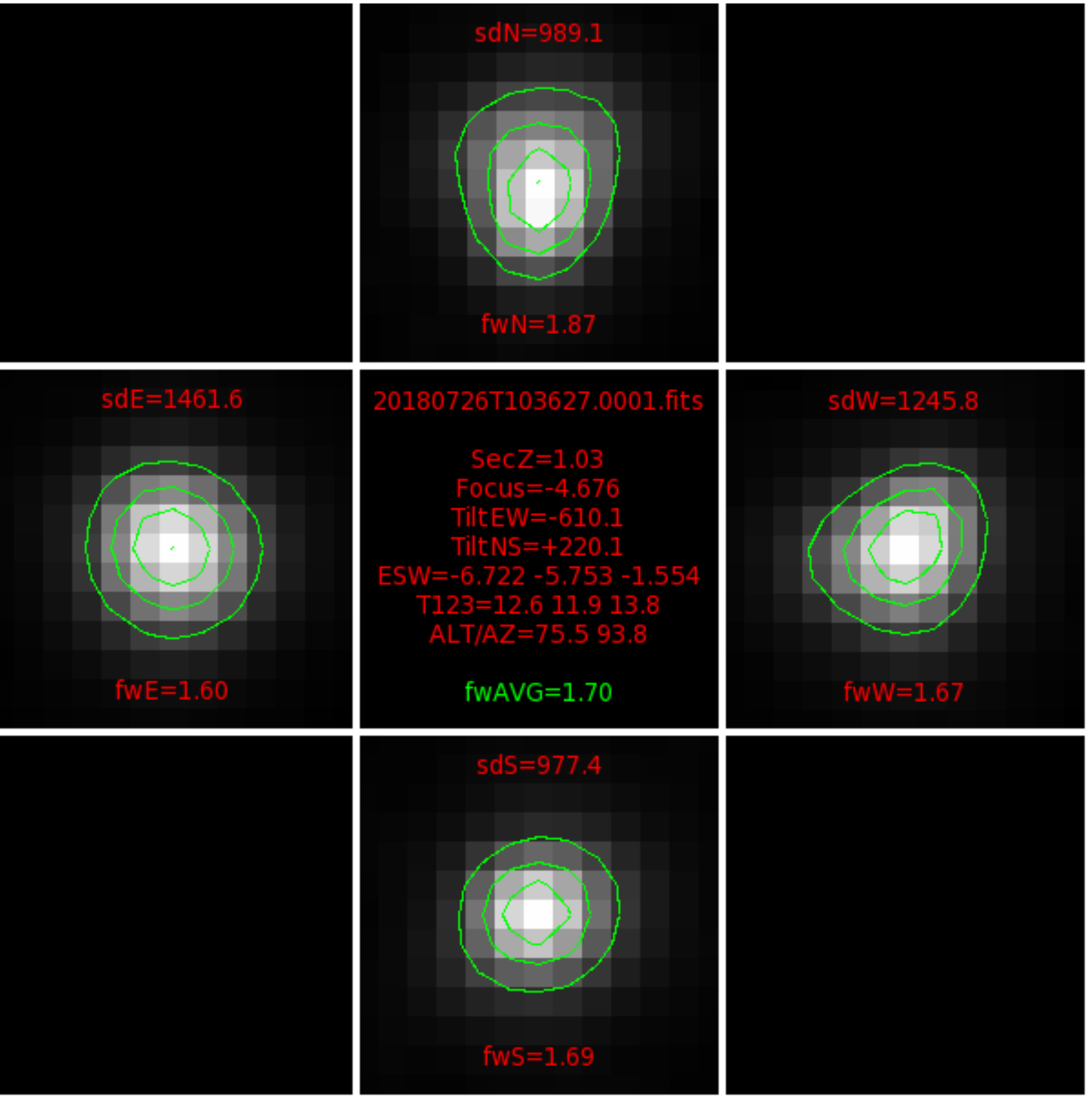

sdN=1888.1
fwN=1.86
sdE=1072.1
fwE=1.69
20180726T103147.0001.fits
SecZ=1.06
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.7 11.9 13.8
ALT/AZ=70.7 87.2
fwAVG=1.73
sdW=722.4
fwW=1.68
sdS=619.2
fwS=1.70
0 0 0 0 0 0 0 0 0

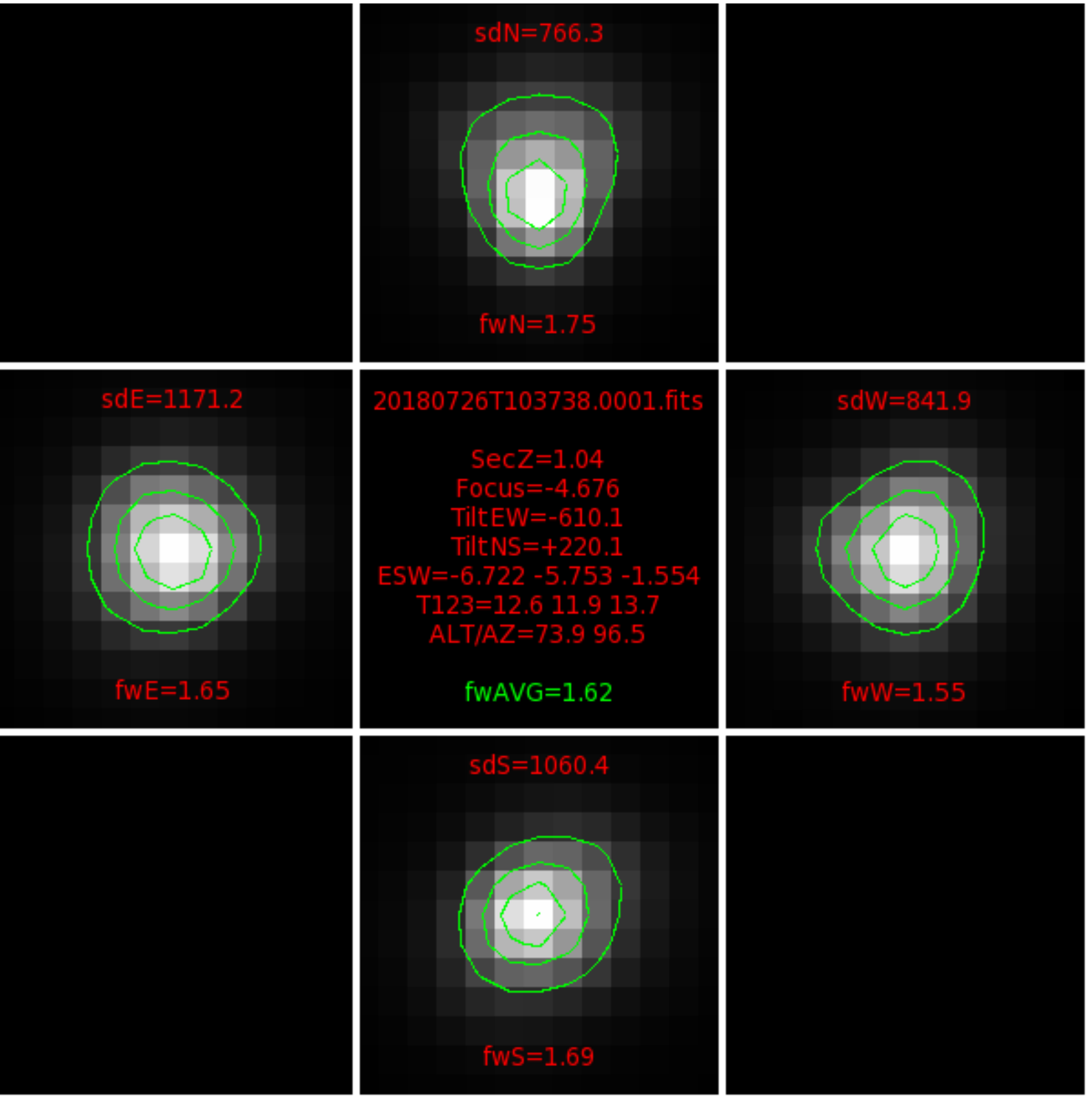

sdN=3760.3
fwN=1.87
sdE=2280.2
fwE=1.76
20180726T103242.0001.fits
SecZ=1.06
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.6 11.9 13.8
ALT/AZ=70.9 87.3
fwAVG=1.75
sdW=2092.5
fwW=1.67
sdS=1869.8
fwS=1.73
0 0 0 0 0 0 0 0 0

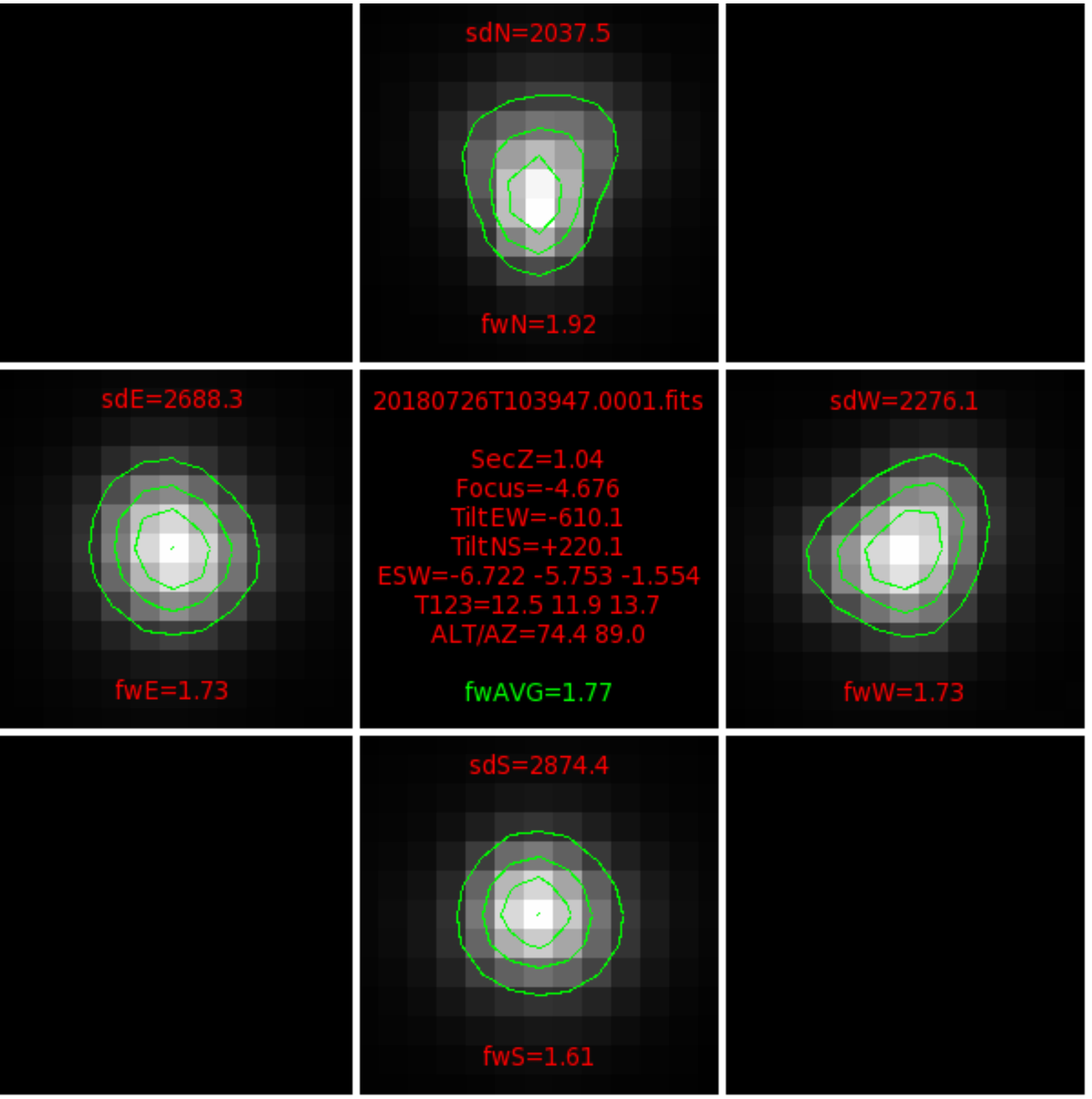

sdN=519.2
fwN=1.73
sdE=579.5
fwE=1.64
20180726T103343.0001.fits
SecZ=1.03
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.6 11.9 13.8
ALT/AZ=75.2 85.2
fwAVG=1.59
sdW=136.0
fwW=1.48
sdS=232.6
fwS=1.56
0 0 0 0 0 0 0 0 0

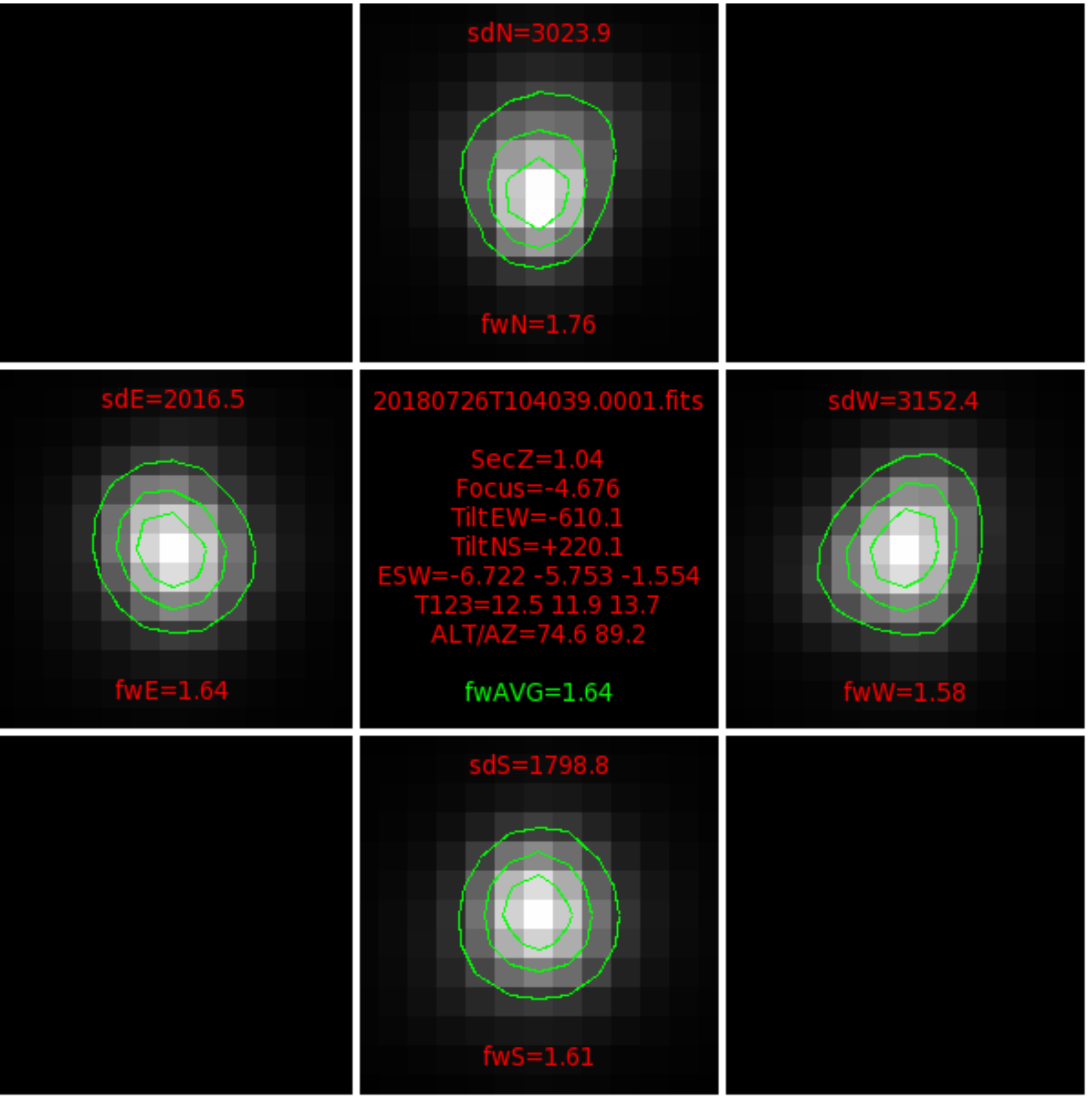

sdN=1016.4
fwN=1.66
sdE=877.3
fwE=1.50
20180726T103432.0001.fits
SecZ=1.03
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.6 0.0 13.8
ALT/AZ=75.4 85.3
fwAVG=1.56
sdW=476.3
fwW=1.53
sdS=673.5
fwS=1.58
0 0 0 0 0 0 0 0 0

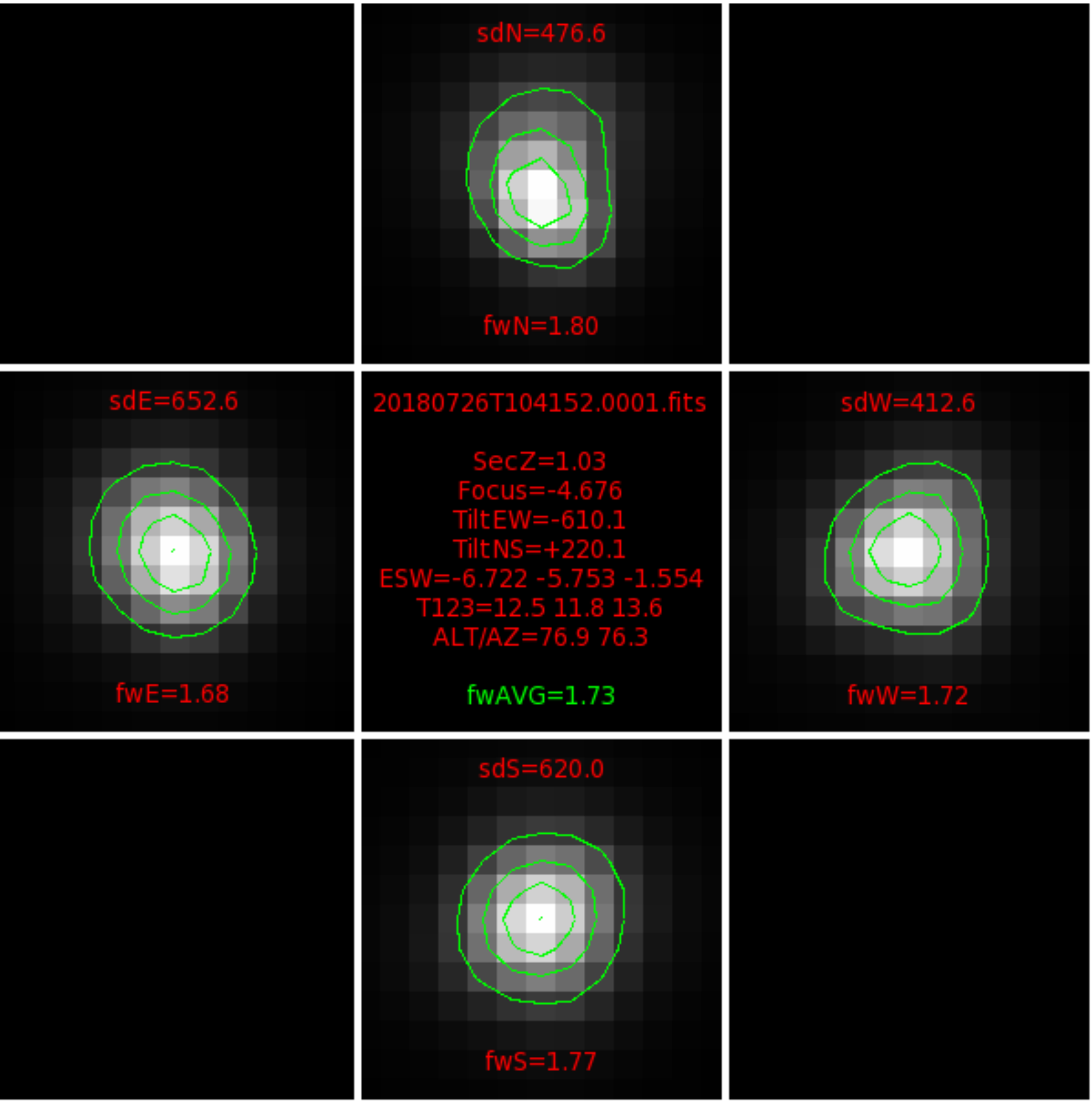

sdN=297.3
fwN=1.82
sdE=551.7
fwE=1.62
20180726T103540.0001.fits
SecZ=1.03
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.6 11.9 13.8
ALT/AZ=75.4 93.7
fwAVG=1.67
sdW=395.1
fwW=1.62
sdS=350.1
fwS=1.65
0 0 0 0 0 0 0 0 0

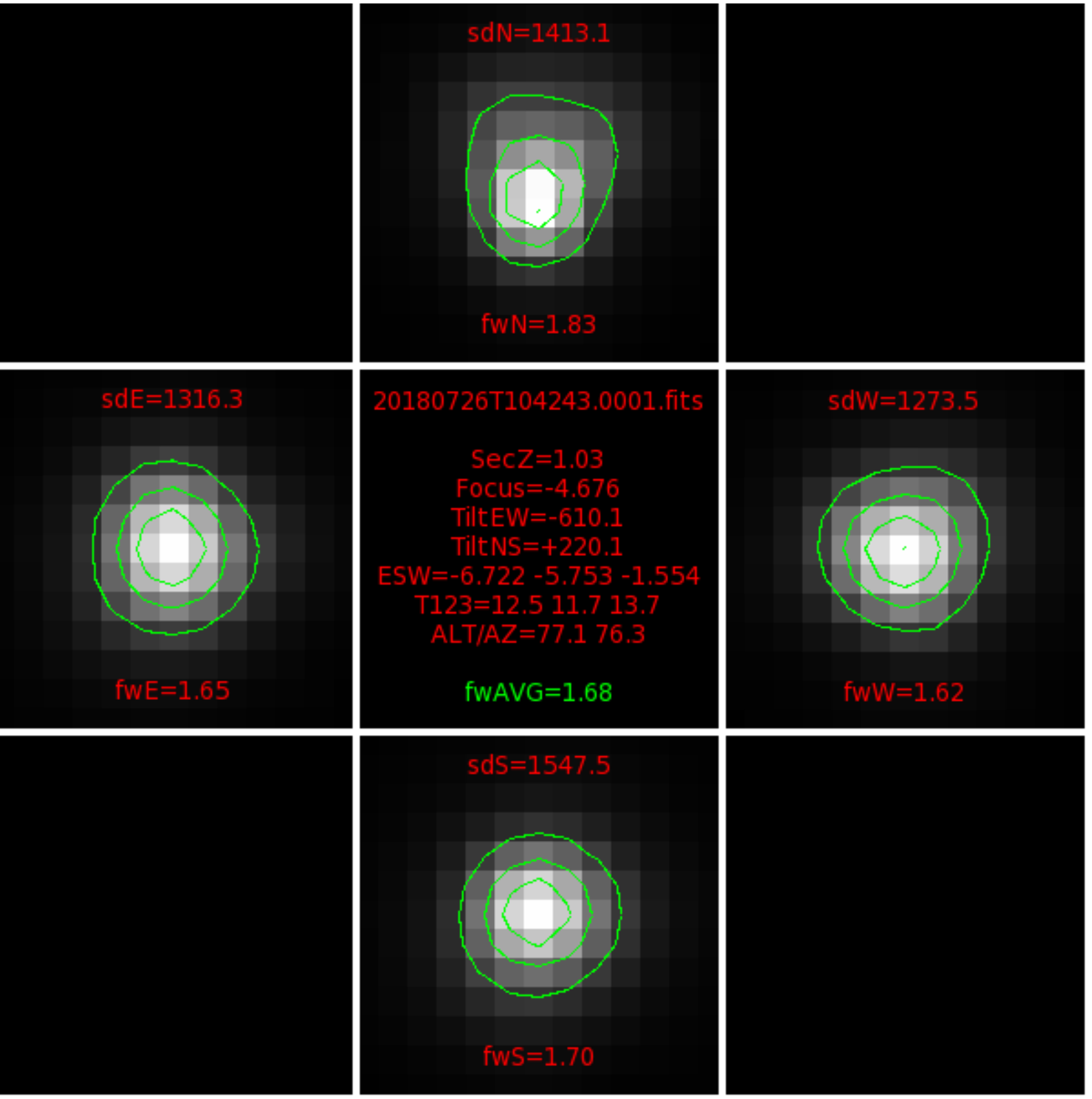

sdN=989.1
fwN=1.87
sdE=1461.6
fwE=1.60
20180726T103627.0001.fits
SecZ=1.03
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.6 11.9 13.8
ALT/AZ=75.5 93.8
fwAVG=1.70
sdW=1245.8
fwW=1.67
sdS=977.4
fwS=1.69
0 0 0 0 0 0 0 0 0

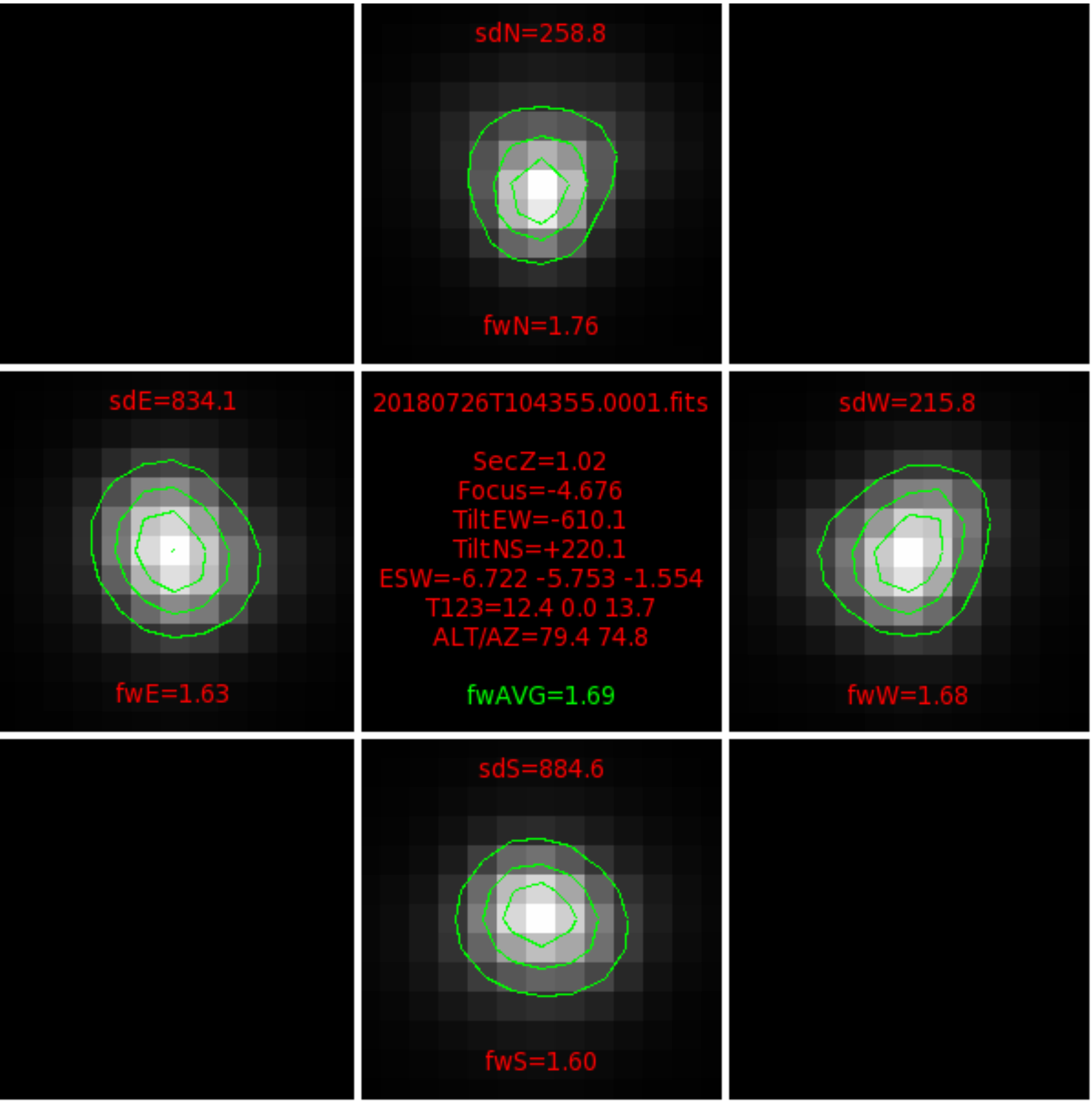

sdN=766.3
fwN=1.75
sdE=1171.2
fwE=1.65
20180726T103738.0001.fits
SecZ=1.04
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.6 11.9 13.7
ALT/AZ=73.9 96.5
fwAVG=1.62
sdW=841.9
fwW=1.55
sdS=1060.4
fwS=1.69
0 0 0 0 0 0 0 0 0

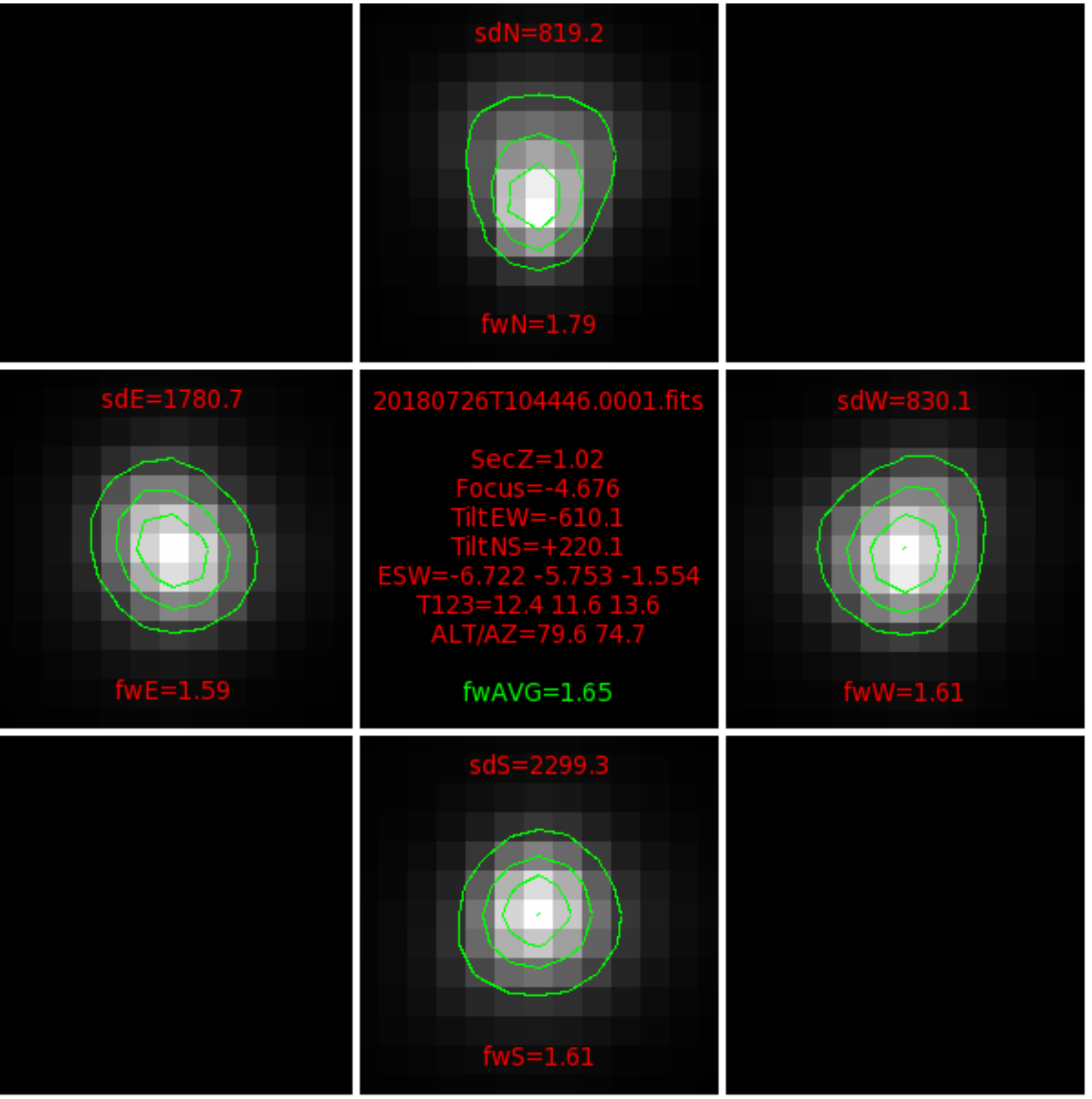

sdN=2037.5
fwN=1.92
sdE=2688.3
fwE=1.73
20180726T103947.0001.fits
SecZ=1.04
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.5 11.9 13.7
ALT/AZ=74.4 89.0
fwAVG=1.77
sdW=2276.1
fwW=1.73
sdS=2874.4
fwS=1.61
0 0 0 0 0 0 0 0 0

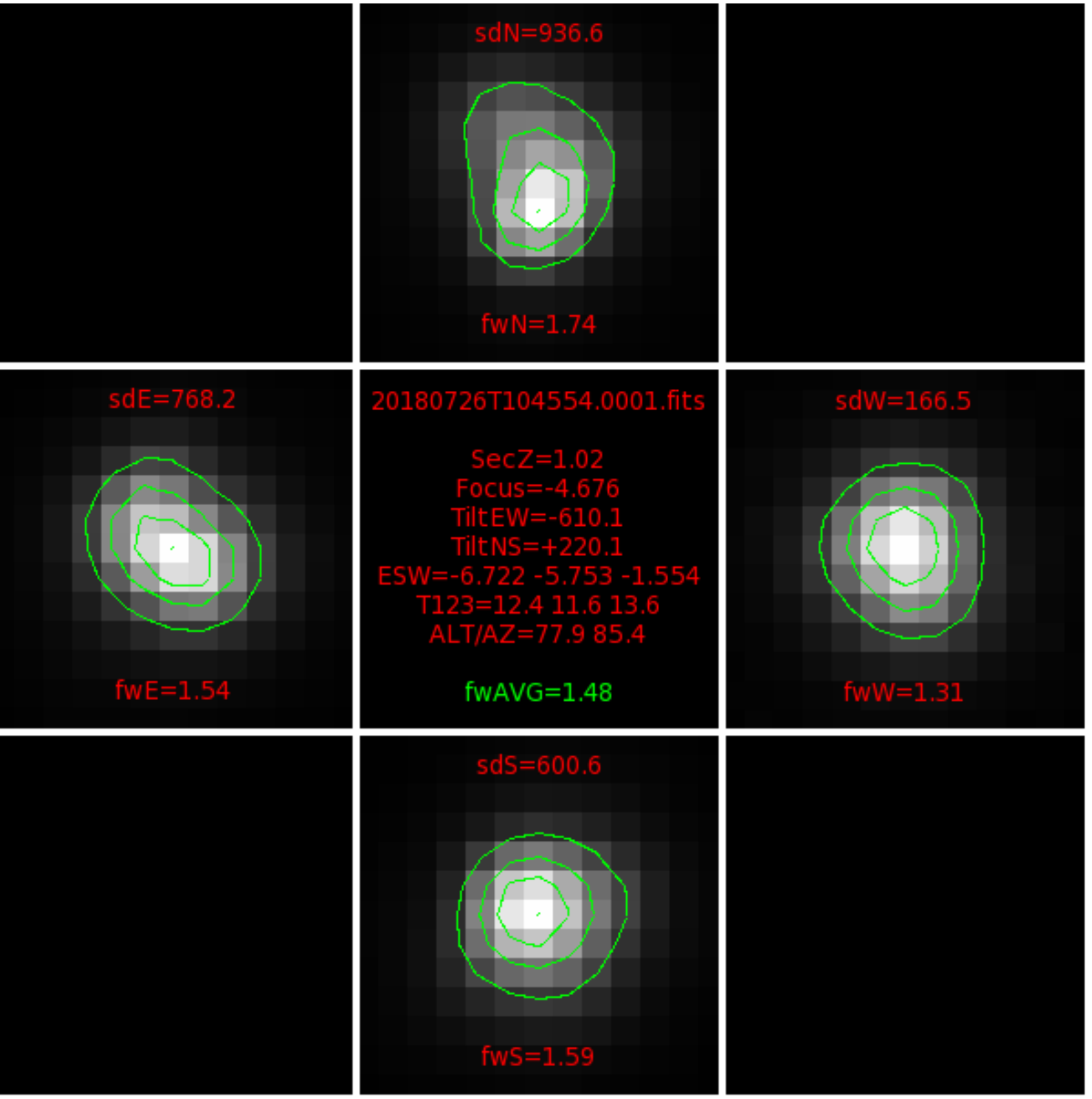

sdN=3023.9
fwN=1.76
sdE=2016.5
fwE=1.64
20180726T104039.0001.fits
SecZ=1.04
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.5 11.9 13.7
ALT/AZ=74.6 89.2
fwAVG=1.64
sdW=3152.4
fwW=1.58
sdS=1798.8
fwS=1.61
0 0 0 0 0 0 0 0 0

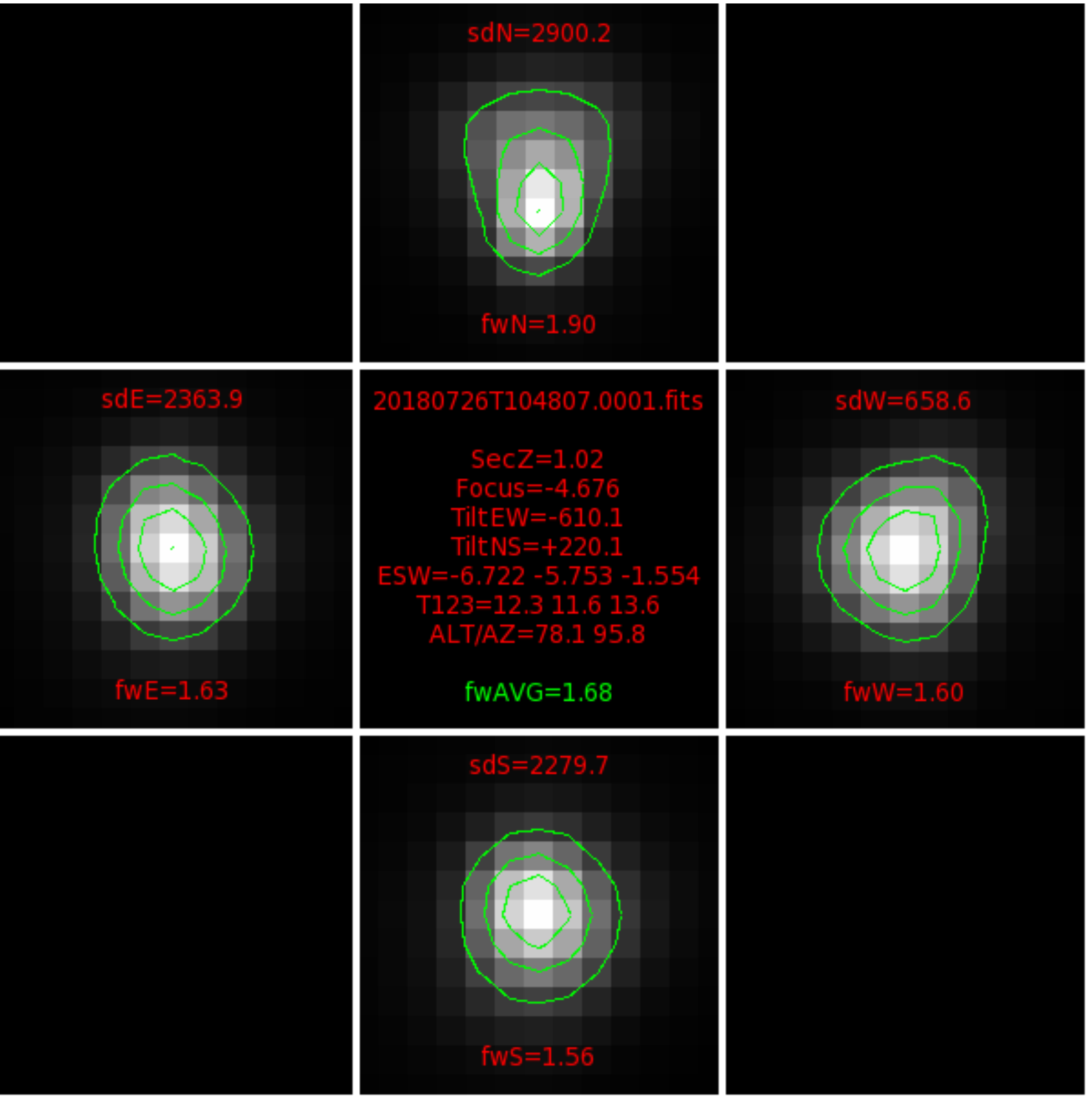

sdN=476.6
fwN=1.80
sdE=652.6
fwE=1.68
20180726T104152.0001.fits
SecZ=1.03
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.5 11.8 13.6
ALT/AZ=76.9 76.3
fwAVG=1.73
sdW=412.6
fwW=1.72
sdS=620.0
fwS=1.77
0 0 0 0 0 0 0 0 0

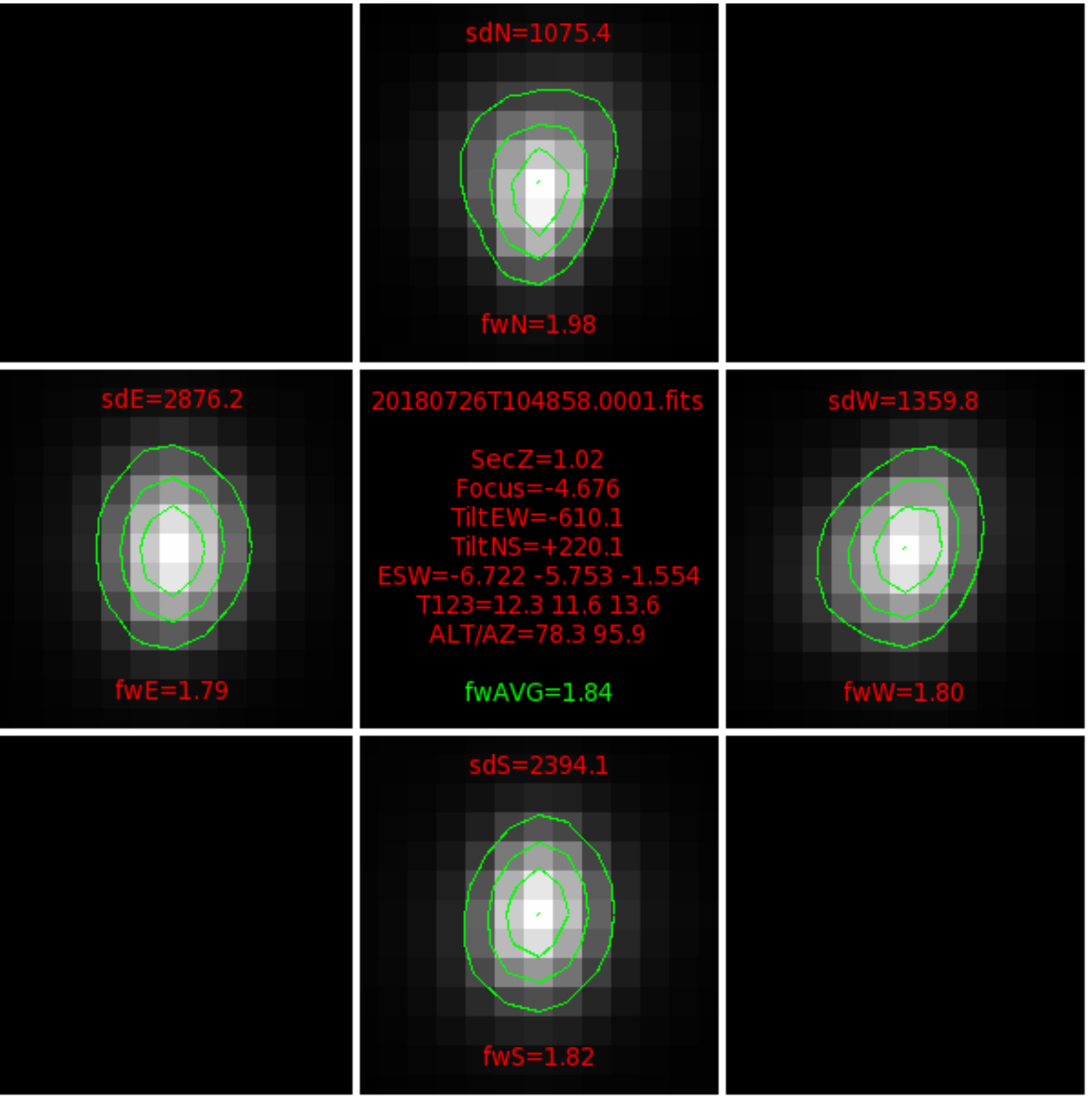

sdN=1413.1
fwN=1.83
sdE=1316.3
fwE=1.65
20180726T104243.0001.fits
SecZ=1.03
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.5 11.7 13.7
ALT/AZ=77.1 76.3
fwAVG=1.68
sdW=1273.5
fwW=1.62
sdS=1547.5
fwS=1.70
0 0 0 0 0 0 0 0 0

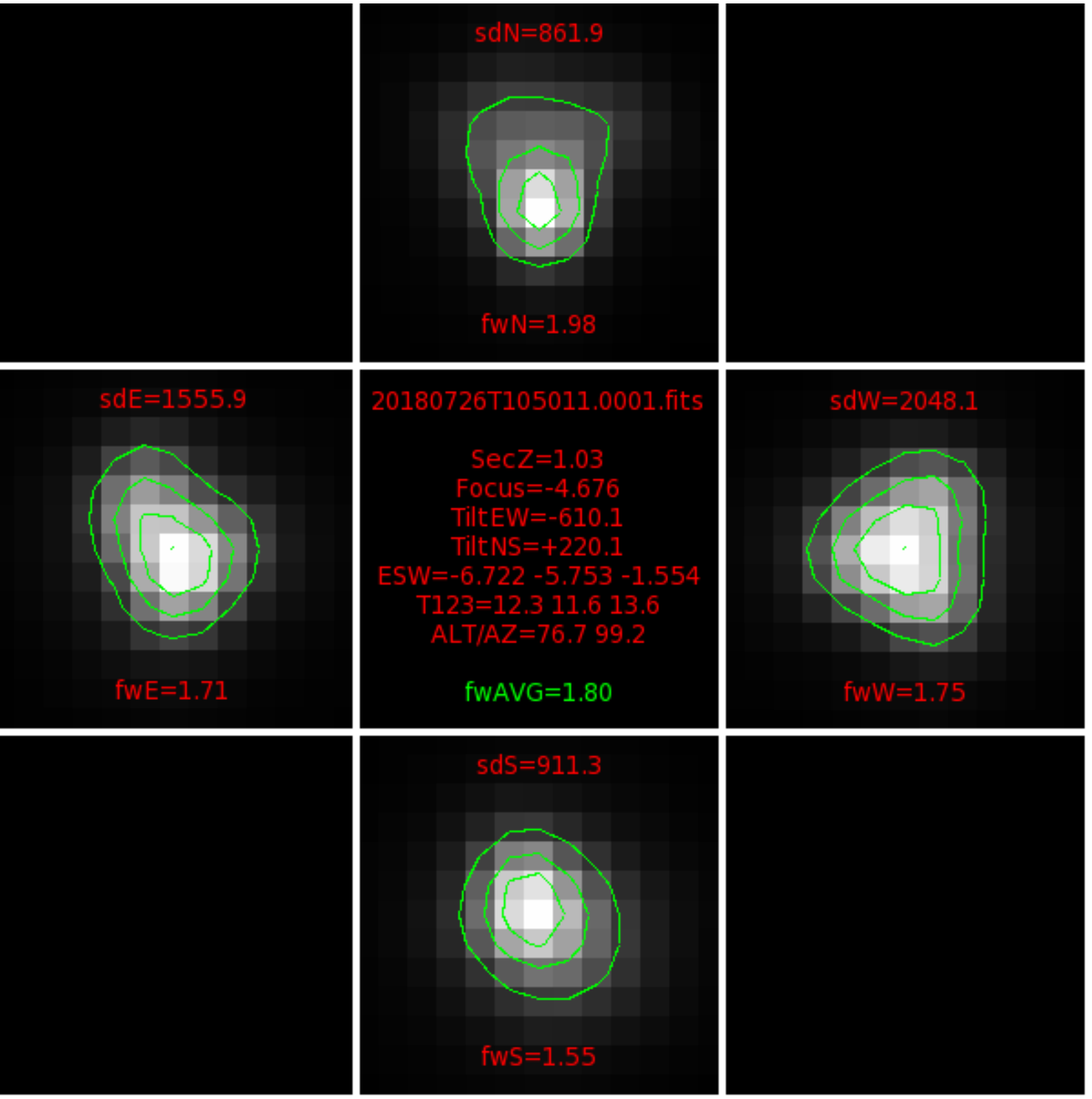

sdN=258.8
fwN=1.76
sdE=834.1
fwE=1.63
20180726T104355.0001.fits
SecZ=1.02
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.4 0.0 13.7
ALT/AZ=79.4 74.8
fwAVG=1.69
sdW=215.8
fwW=1.68
sdS=884.6
fwS=1.60
0 0 0 0 0 0 0 0 0

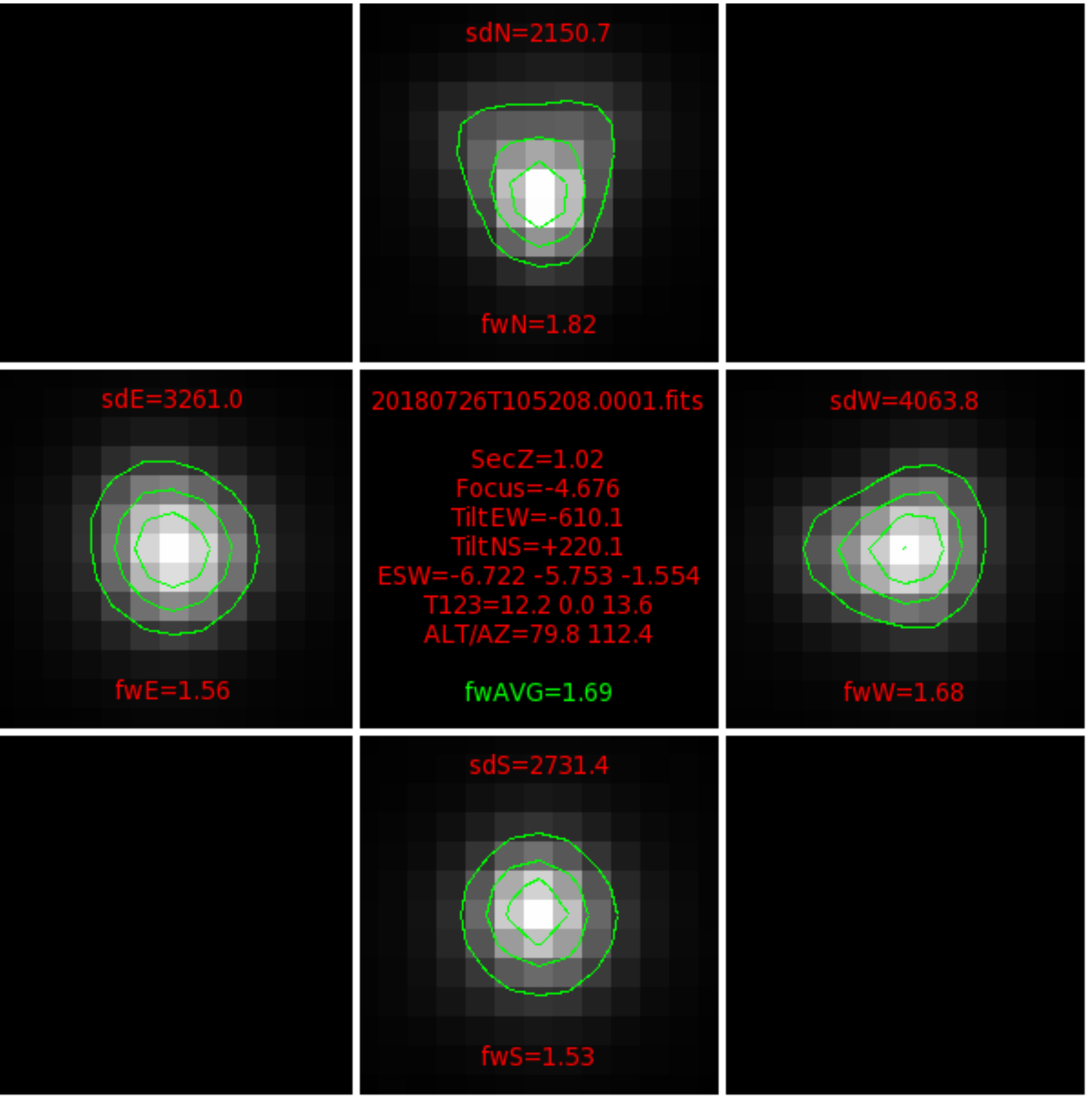

sdN=819.2
fwN=1.79
sdE=1780.7
fwE=1.59
20180726T104446.0001.fits
SecZ=1.02
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.4 11.6 13.6
ALT/AZ=79.6 74.7
fwAVG=1.65
sdW=830.1
fwW=1.61
sdS=2299.3
fwS=1.61
0 0 0 0 0 0 0 0 0

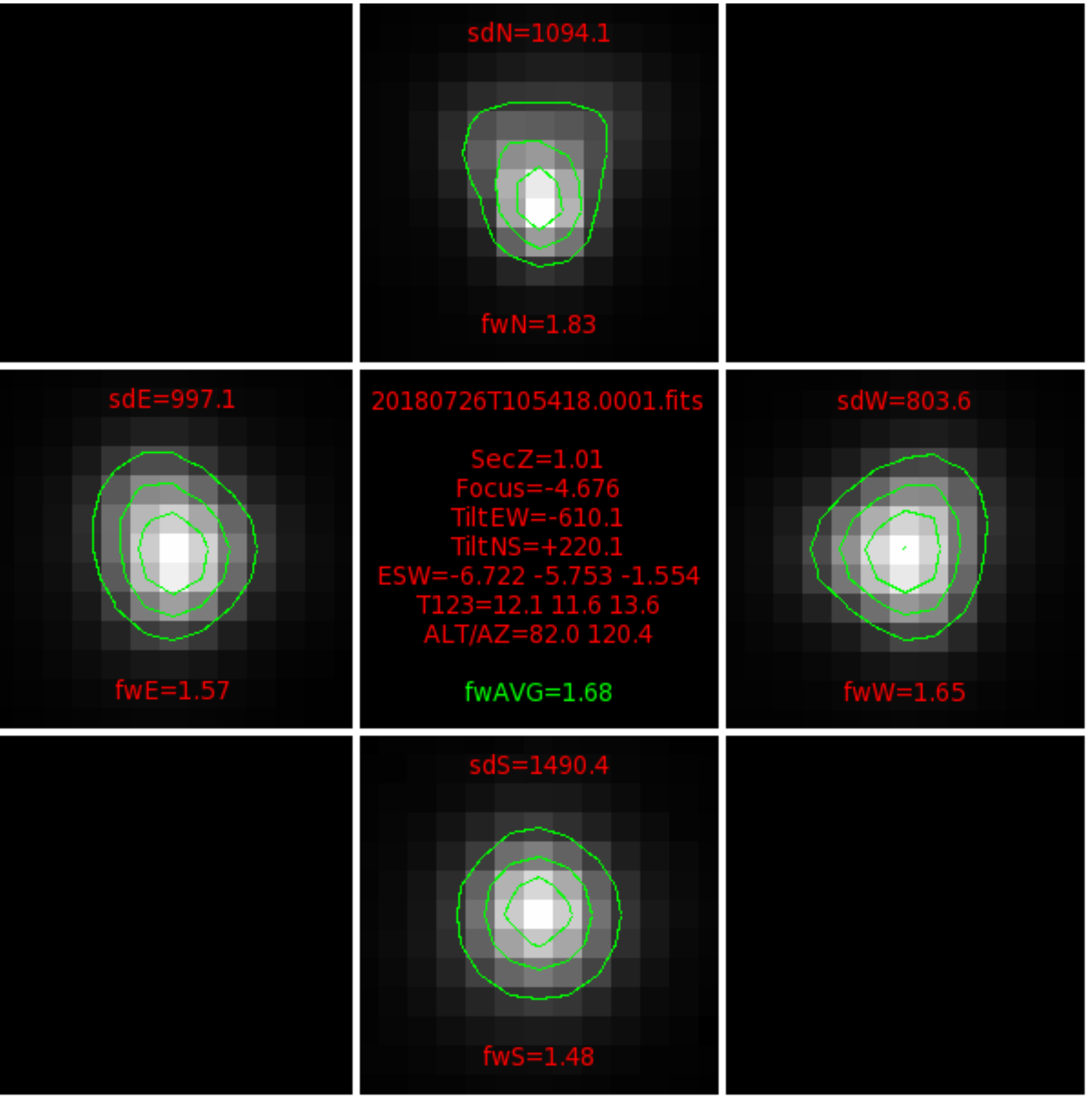

sdN=936.6
fwN=1.74
sdE=768.2
fwE=1.54
20180726T104554.0001.fits
SecZ=1.02
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.4 11.6 13.6
ALT/AZ=77.9 85.4
fwAVG=1.48
sdW=166.5
fwW=1.31
sdS=600.6
fwS=1.59
0 0 0 0 0 0 0 0 0

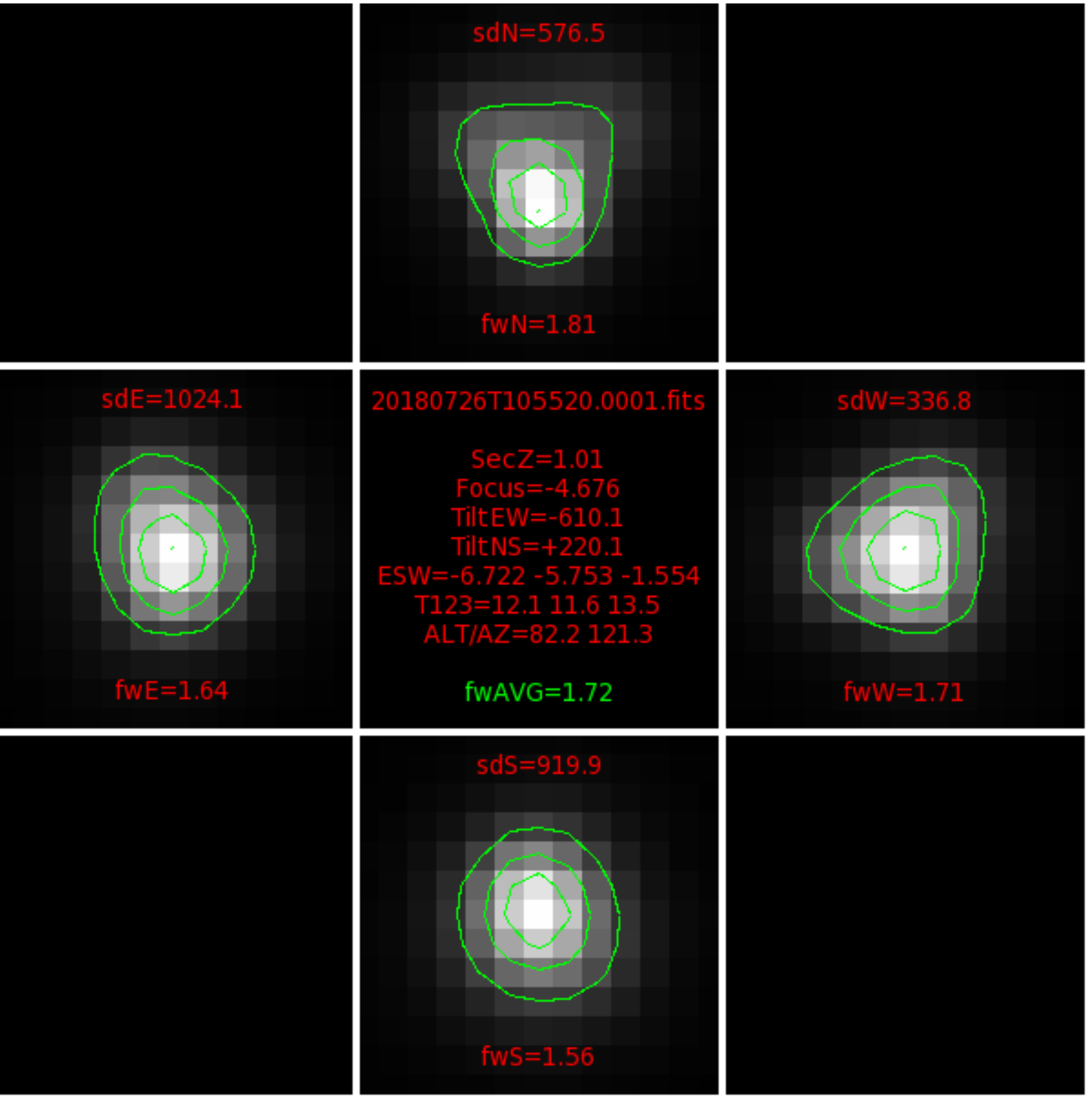

sdN=2900.2
fwN=1.90
sdE=2363.9
fwE=1.63
20180726T104807.0001.fits
SecZ=1.02
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.3 11.6 13.6
ALT/AZ=78.1 95.8
fwAVG=1.68
sdW=658.6
fwW=1.60
sdS=2279.7
fwS=1.56
0 0 0 0 0 0 0 0 0

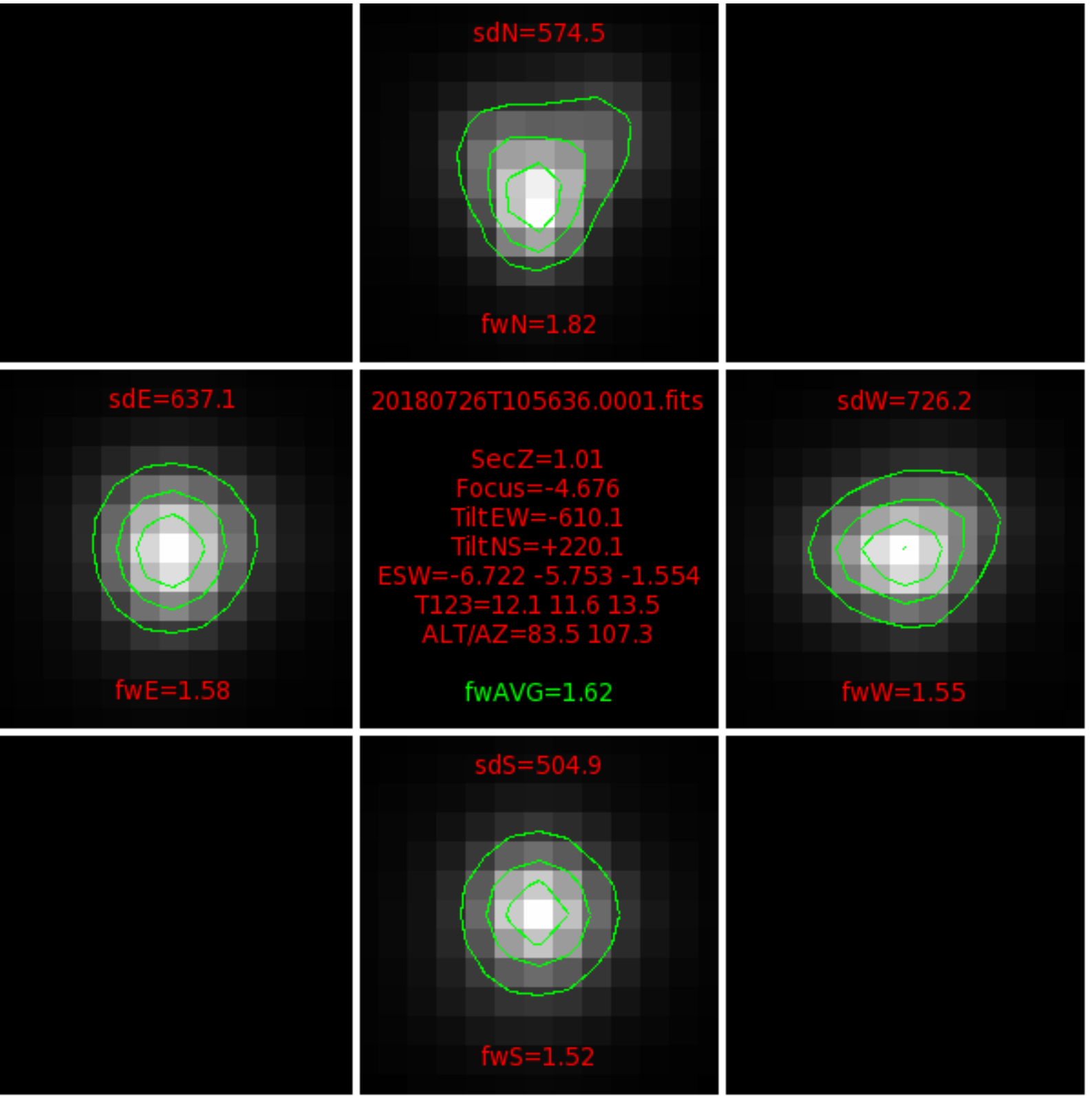

sdN=1075.4
fwN=1.98
sdE=2876.2
fwE=1.79
20180726T104858.0001.fits
SecZ=1.02
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.3 11.6 13.6
ALT/AZ=78.3 95.9
fwAVG=1.84
sdW=1359.8
fwW=1.80
sdS=2394.1
fwS=1.82
0 0 0 0 0 0 0 0 0

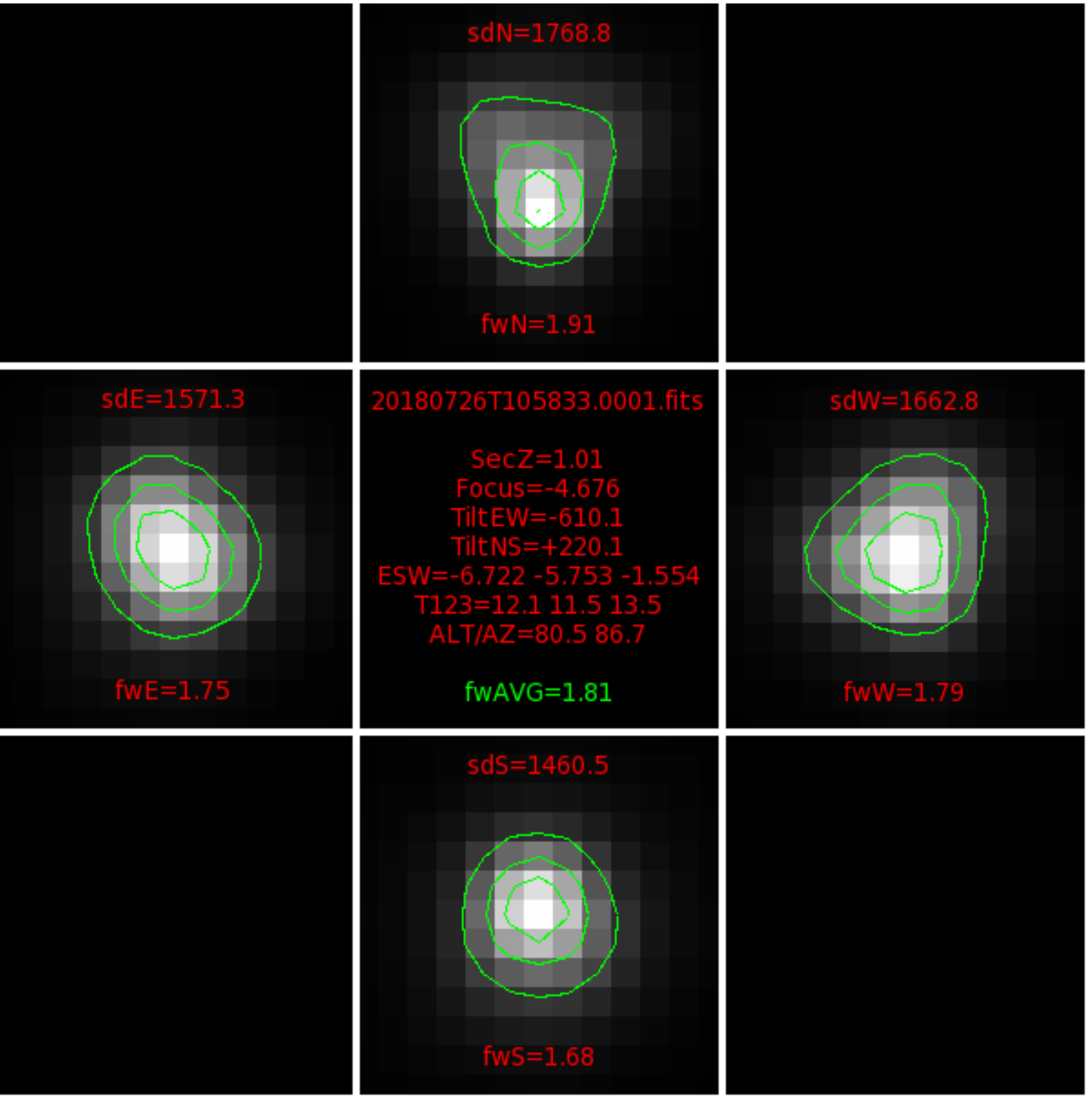

sdN=861.9
fwN=1.98
sdE=1555.9
fwE=1.71
20180726T105011.0001.fits
SecZ=1.03
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.3 11.6 13.6
ALT/AZ=76.7 99.2
fwAVG=1.80
sdW=2048.1
fwW=1.75
sdS=911.3
fwS=1.55
0 0 0 0 0 0 0 0 0

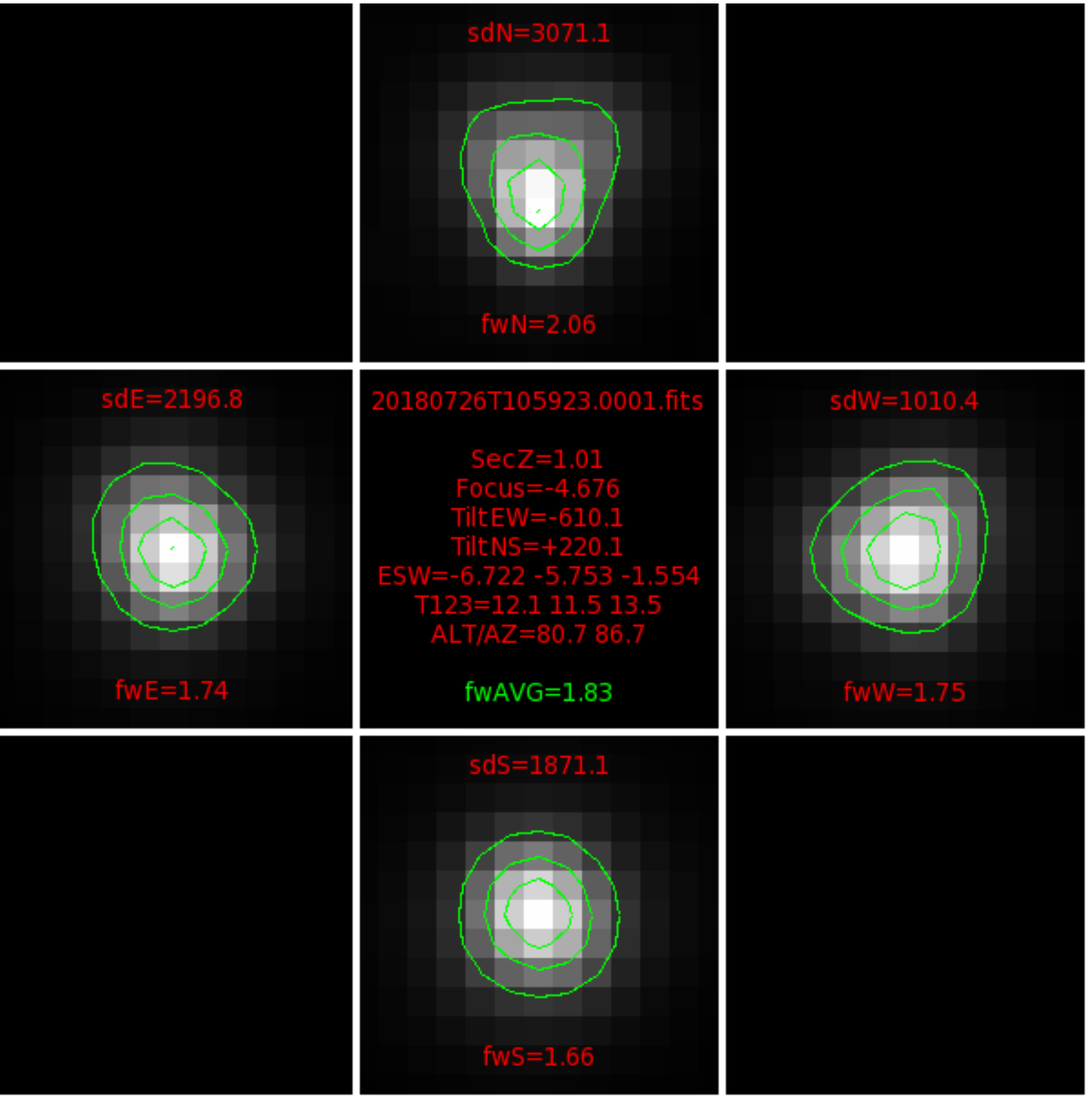

sdN=2150.7
fwN=1.82
sdE=3261.0
fwE=1.56
20180726T105208.0001.fits
SecZ=1.02
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.2 0.0 13.6
ALT/AZ=79.8 112.4
fwAVG=1.69
sdW=4063.8
fwW=1.68
sdS=2731.4
fwS=1.53
0 0 0 0 0 0 0 0 0

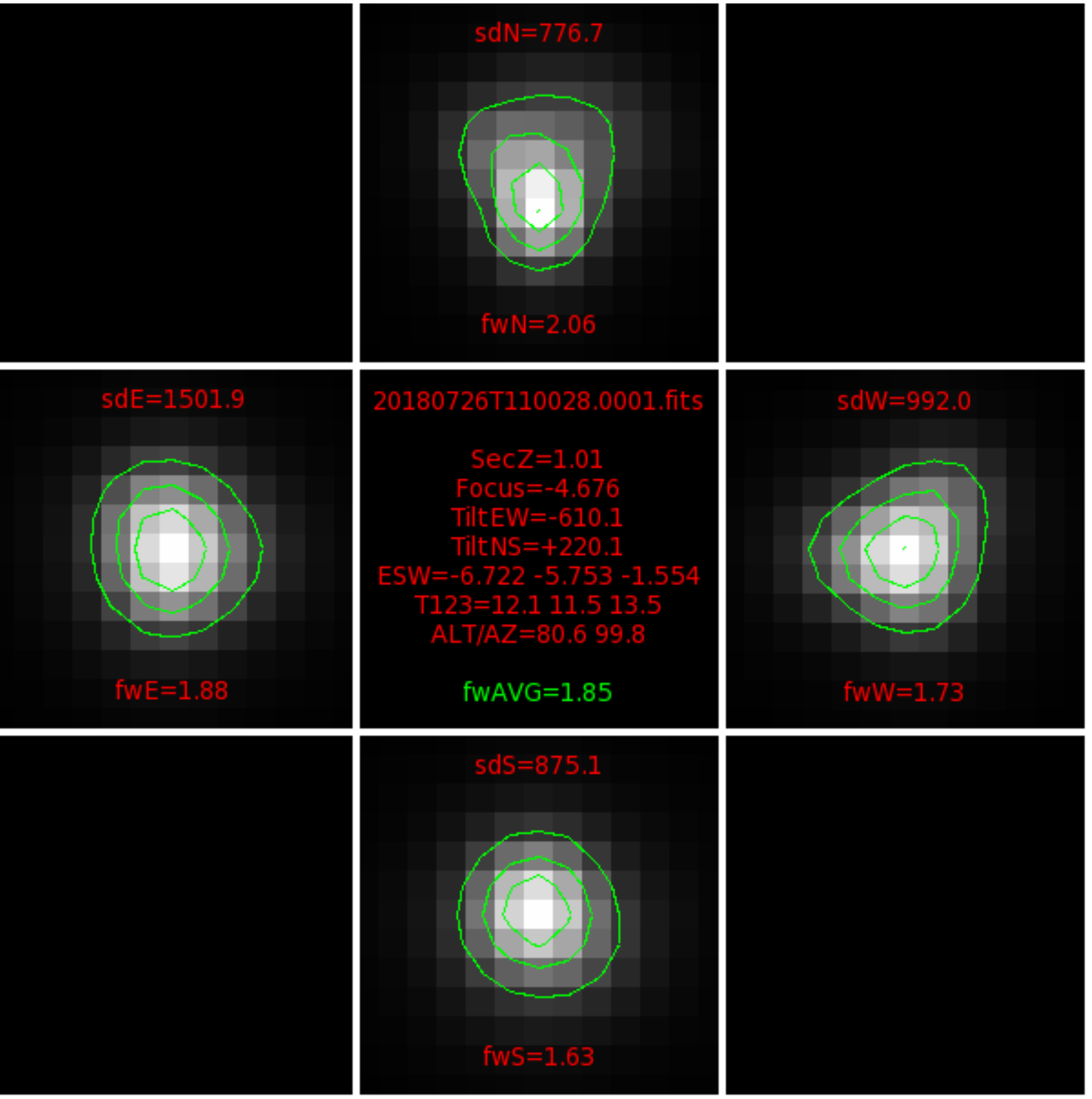

sdN=1094.1
fwN=1.83
sdE=997.1
fwE=1.57
20180726T105418.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.1 11.6 13.6
ALT/AZ=82.0 120.4
fwAVG=1.68
sdW=803.6
fwW=1.65
sdS=1490.4
fwS=1.48
0 0 0 0 0 0 0 0 0

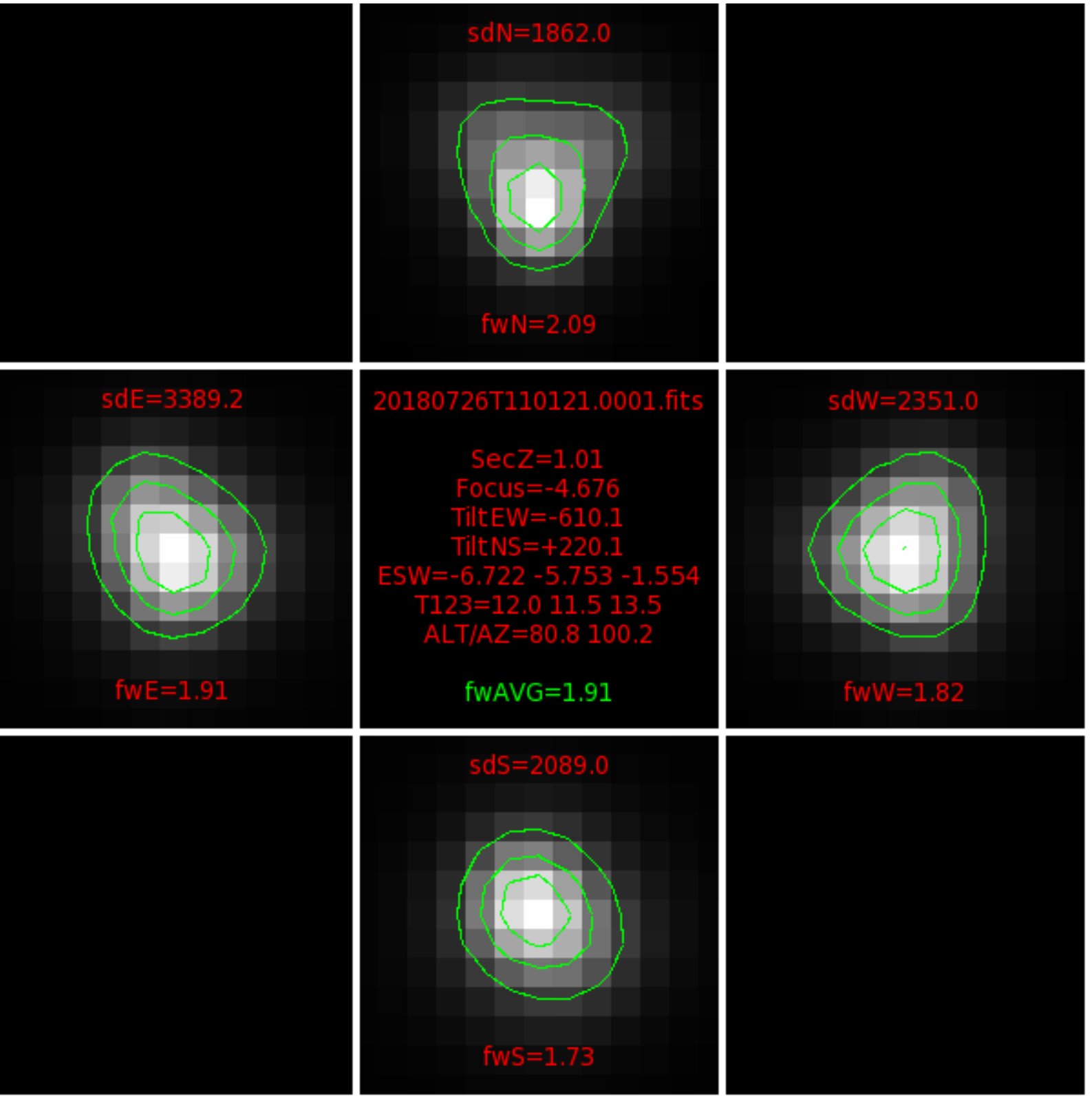

sdN=576.5
fwN=1.81
sdE=1024.1
fwE=1.64
20180726T105520.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.1 11.6 13.5
ALT/AZ=82.2 121.3
fwAVG=1.72
sdW=336.8
fwW=1.71
sdS=919.9
fwS=1.56
0 0 0 0 0 0 0 0 0

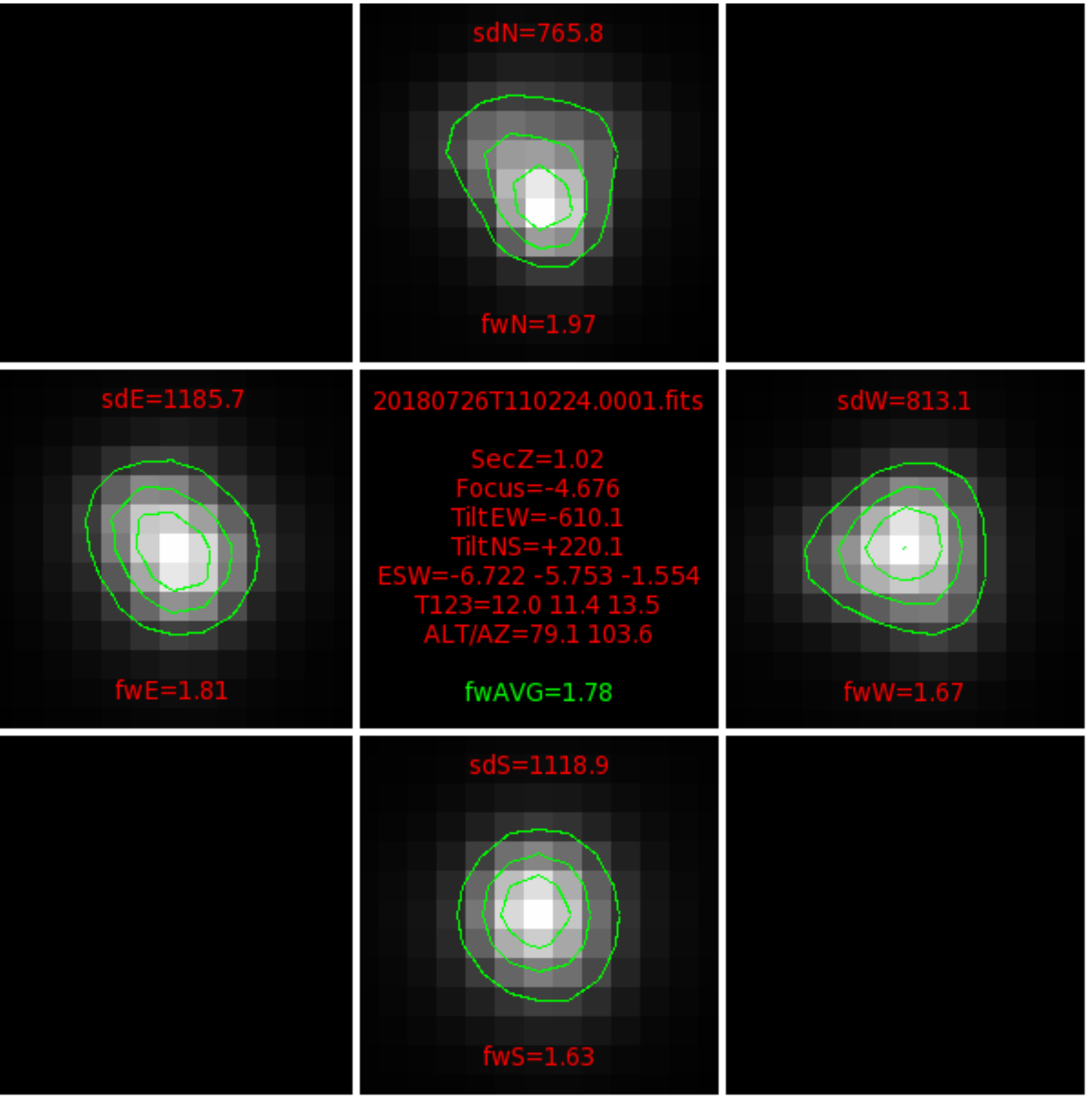

sdN=574.5
fwN=1.82
sdE=637.1
fwE=1.58
20180726T105636.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.1 11.6 13.5
ALT/AZ=83.5 107.3
fwAVG=1.62
sdW=726.2
fwW=1.55
sdS=504.9
fwS=1.52
0 0 0 0 0 0 0 0 0

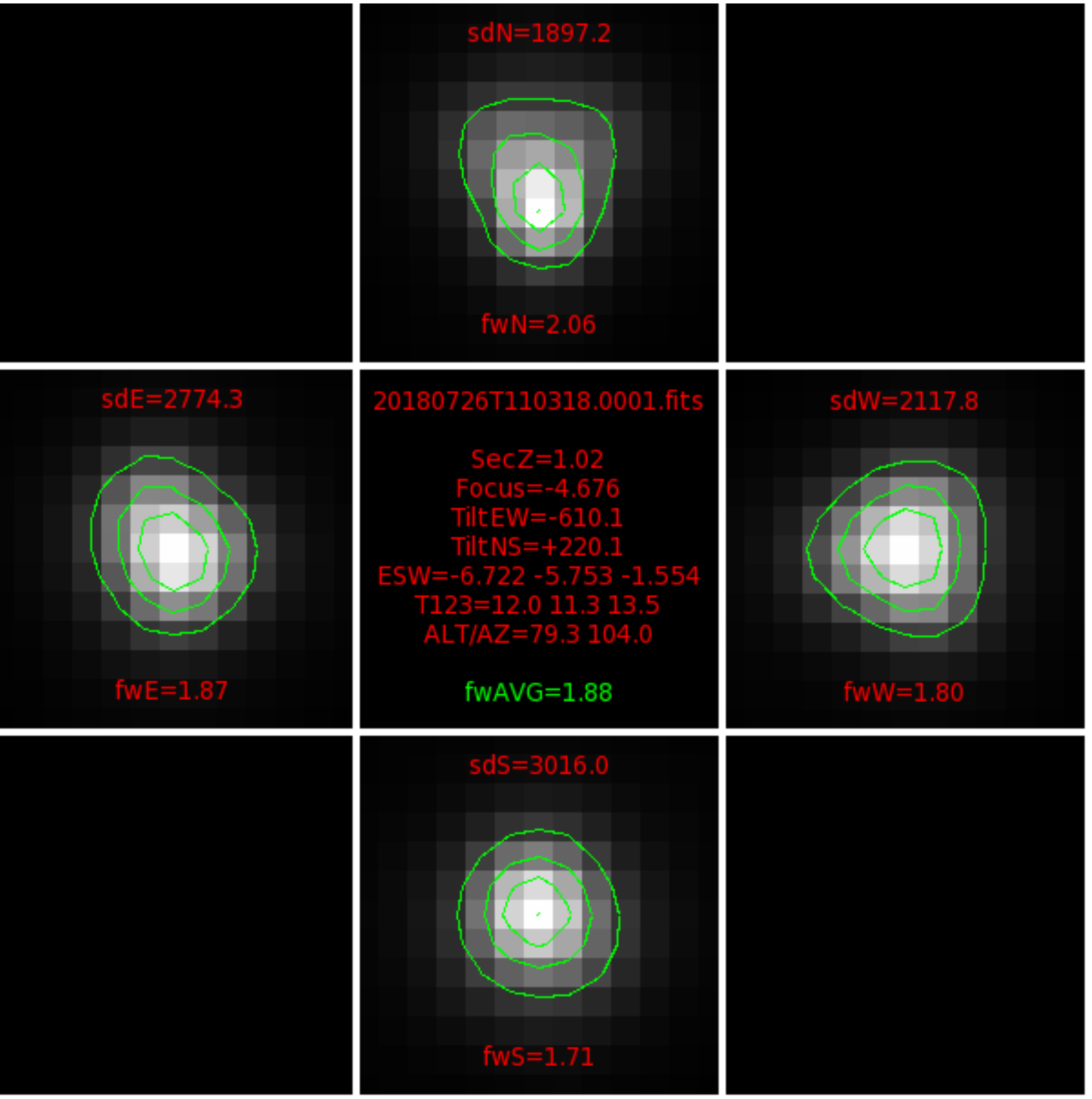

sdN=1768.8
fwN=1.91
sdE=1571.3
fwE=1.75
20180726T105833.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.1 11.5 13.5
ALT/AZ=80.5 86.7
fwAVG=1.81
sdW=1662.8
fwW=1.79
sdS=1460.5
fwS=1.68
0 0 0 0 0 0 0 0 0

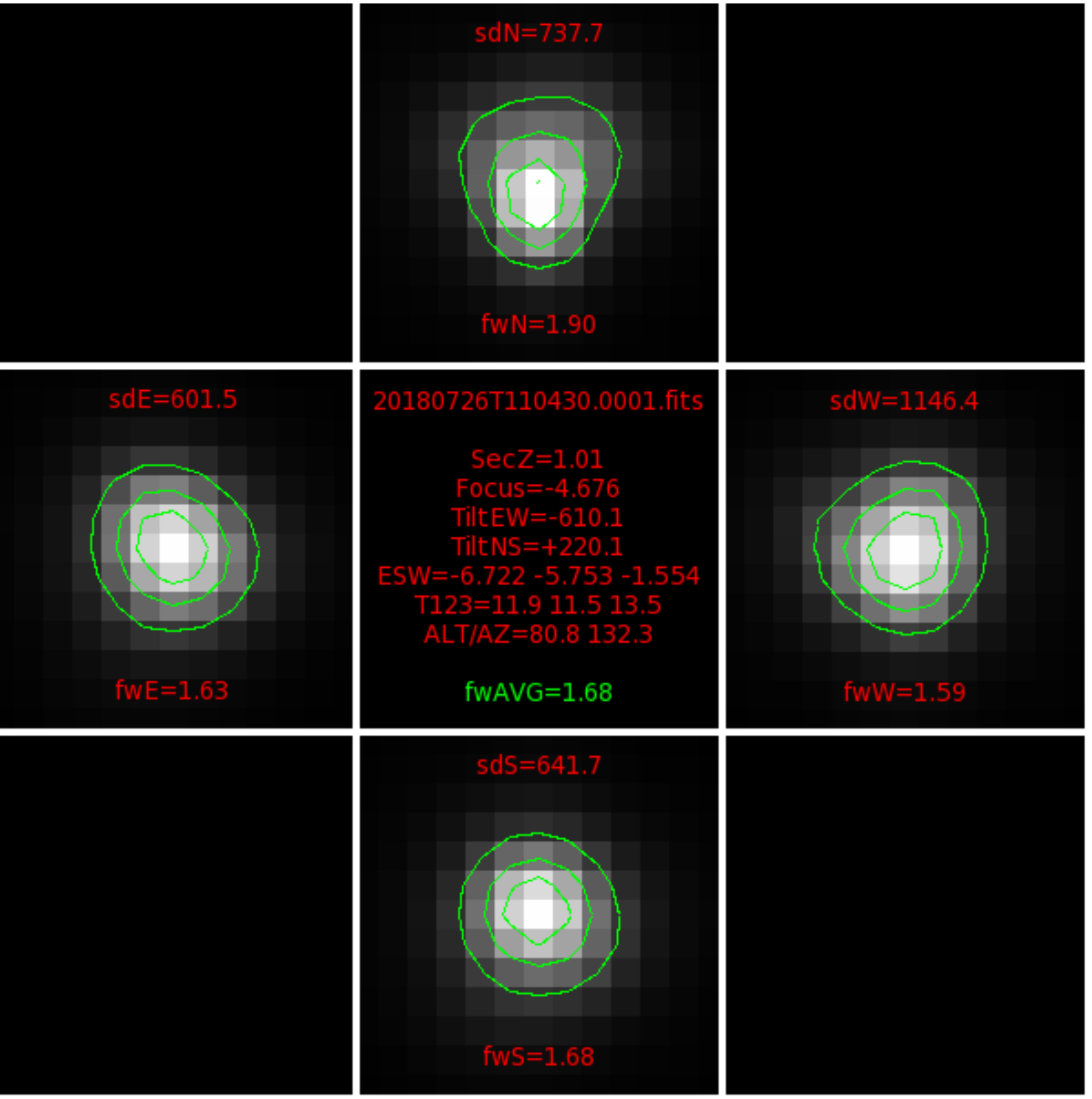

sdN=3071.1
fwN=2.06
sdE=2196.8
fwE=1.74
20180726T105923.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.1 11.5 13.5
ALT/AZ=80.7 86.7
fwAVG=1.83
sdW=1010.4
fwW=1.75
sdS=1871.1
fwS=1.66
0 0 0 0 0 0 0 0 0

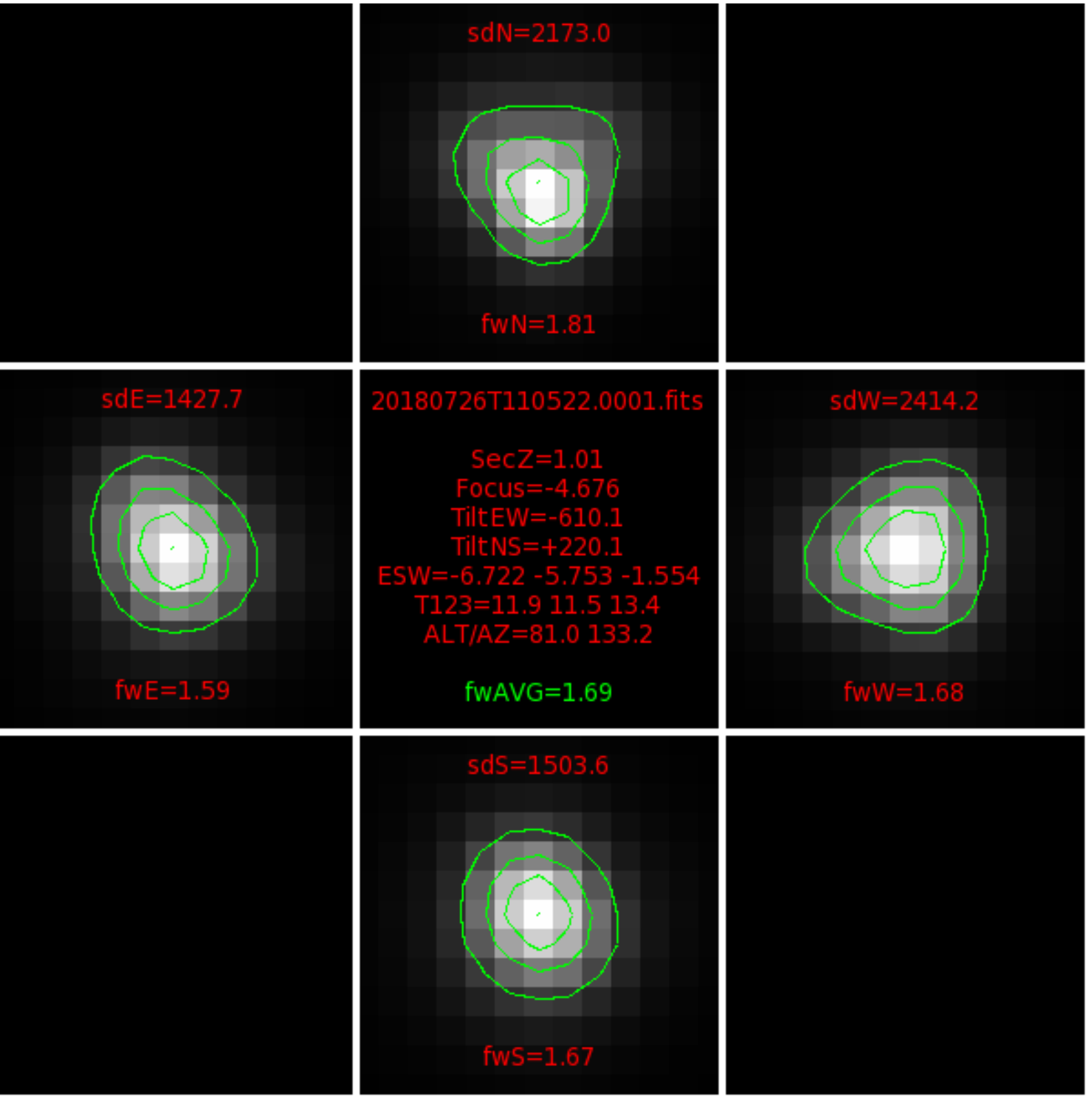

sdN=776.7
fwN=2.06
sdE=1501.9
fwE=1.88
20180726T110028.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.1 11.5 13.5
ALT/AZ=80.6 99.8
fwAVG=1.85
sdW=992.0
fwW=1.73
sdS=875.1
fwS=1.63
0 0 0 0 0 0 0 0 0

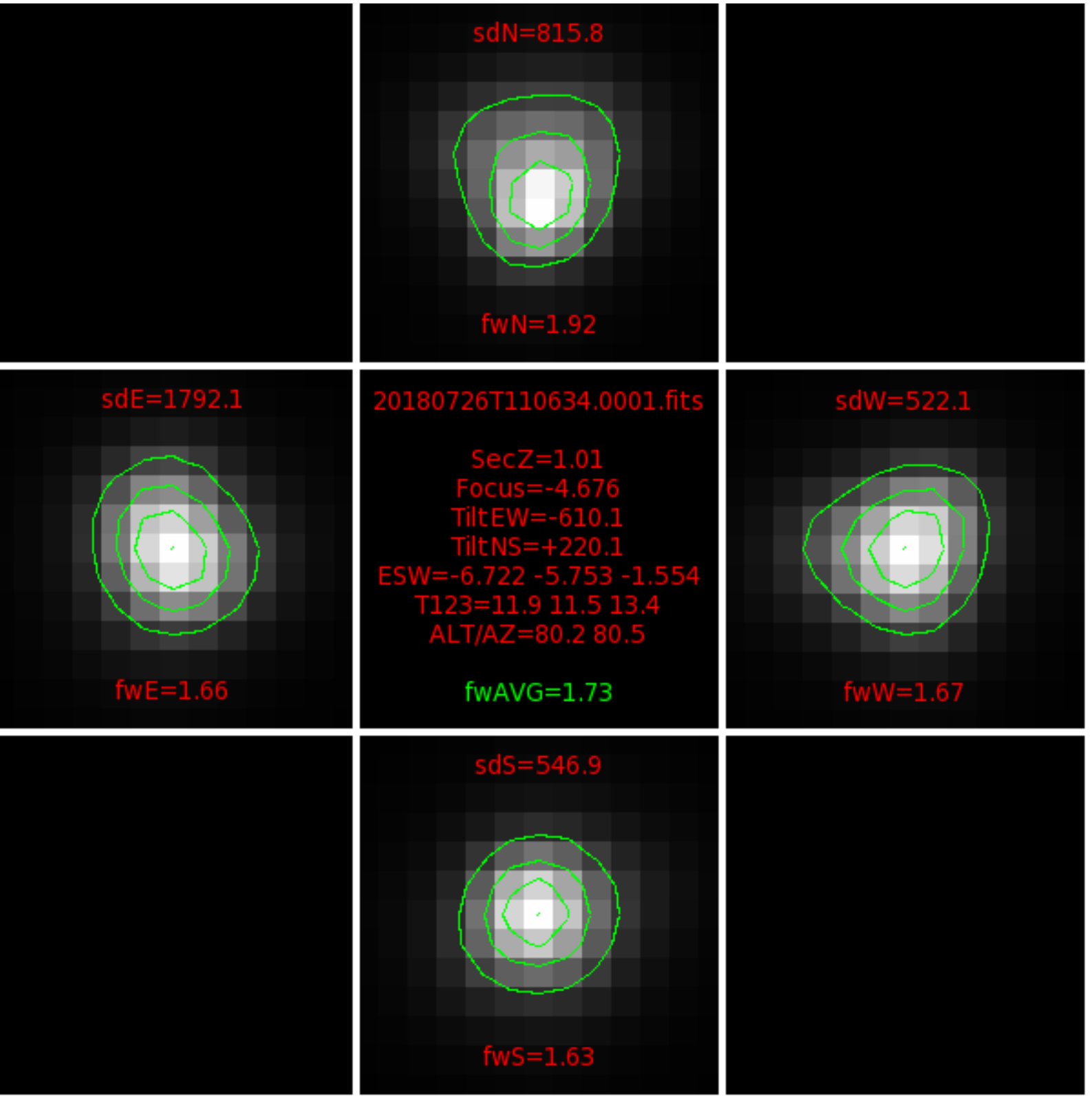

sdN=1862.0
fwN=2.09
sdE=3389.2
fwE=1.91
20180726T110121.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.0 11.5 13.5
ALT/AZ=80.8 100.2
fwAVG=1.91
sdW=2351.0
fwW=1.82
sdS=2089.0
fwS=1.73
0 0 0 0 0 0 0 0 0

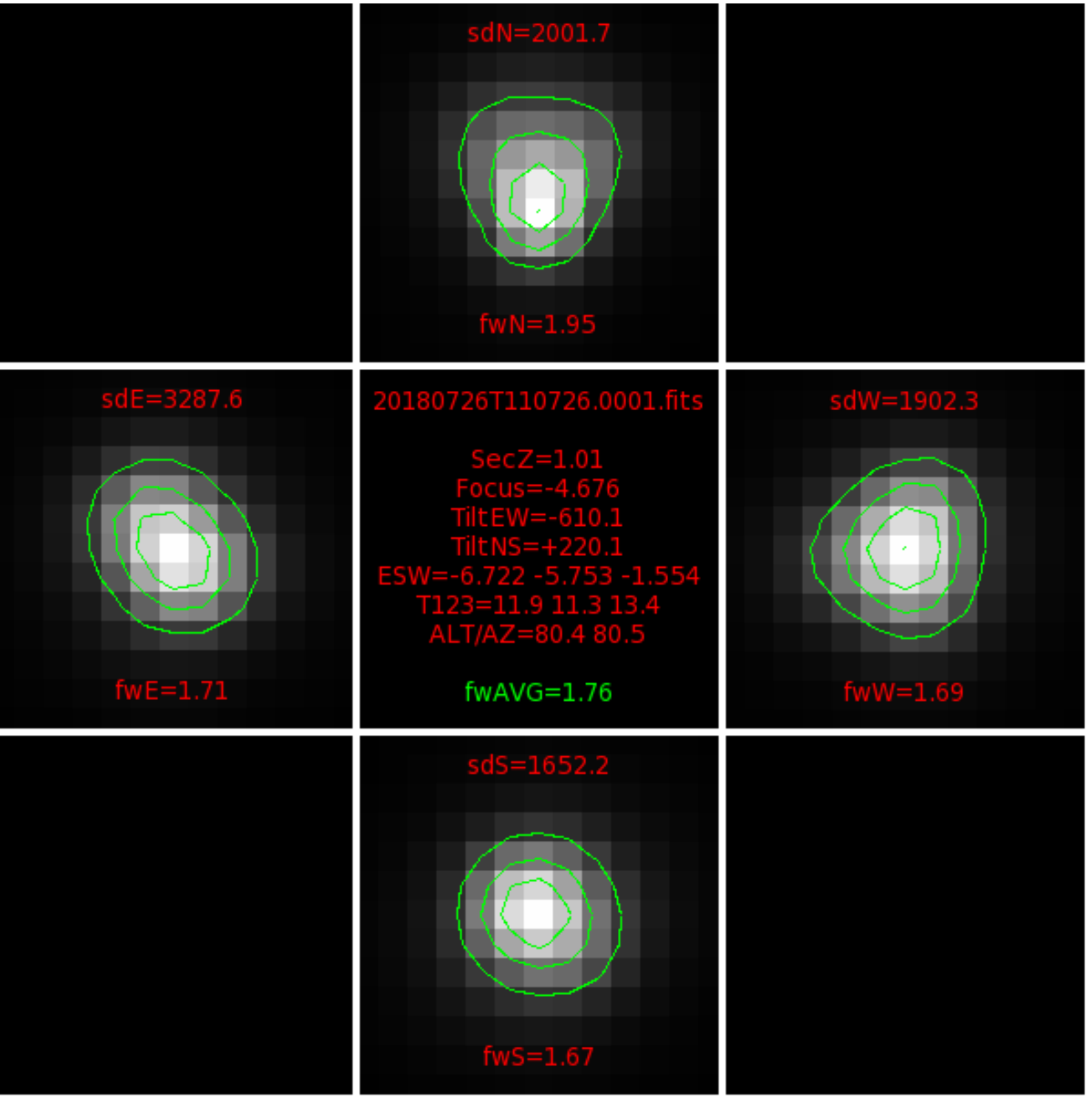

sdN=765.8
fwN=1.97
sdE=1185.7
fwE=1.81
20180726T110224.0001.fits
SecZ=1.02
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.0 11.4 13.5
ALT/AZ=79.1 103.6
fwAVG=1.78
sdW=813.1
fwW=1.67
sdS=1118.9
fwS=1.63
0 0 0 0 0 0 0 0 0

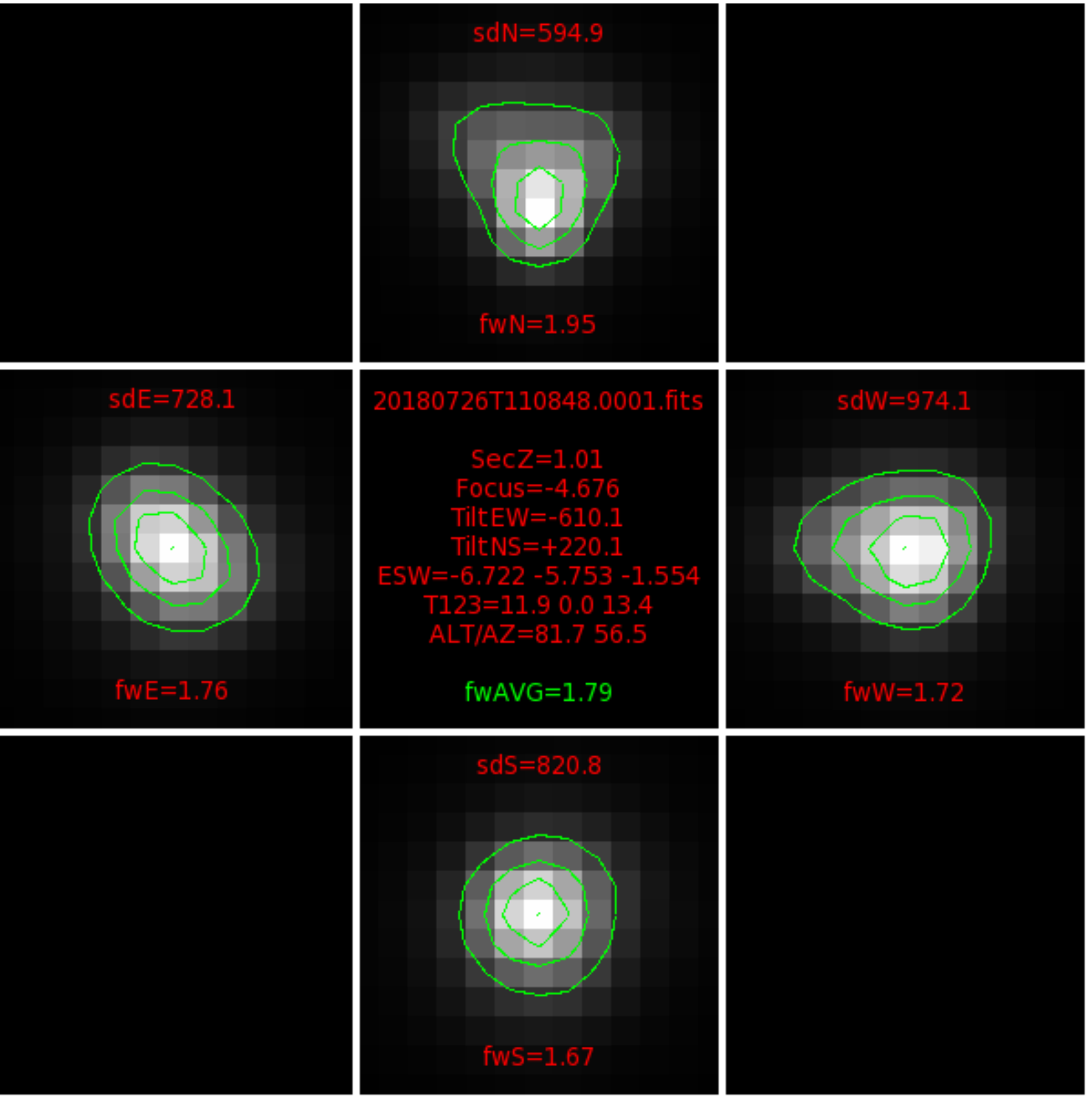

sdN=1897.2
fwN=2.06
sdE=2774.3
fwE=1.87
20180726T110318.0001.fits
SecZ=1.02
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=12.0 11.3 13.5
ALT/AZ=79.3 104.0
fwAVG=1.88
sdW=2117.8
fwW=1.80
sdS=3016.0
fwS=1.71
0 0 0 0 0 0 0 0 0

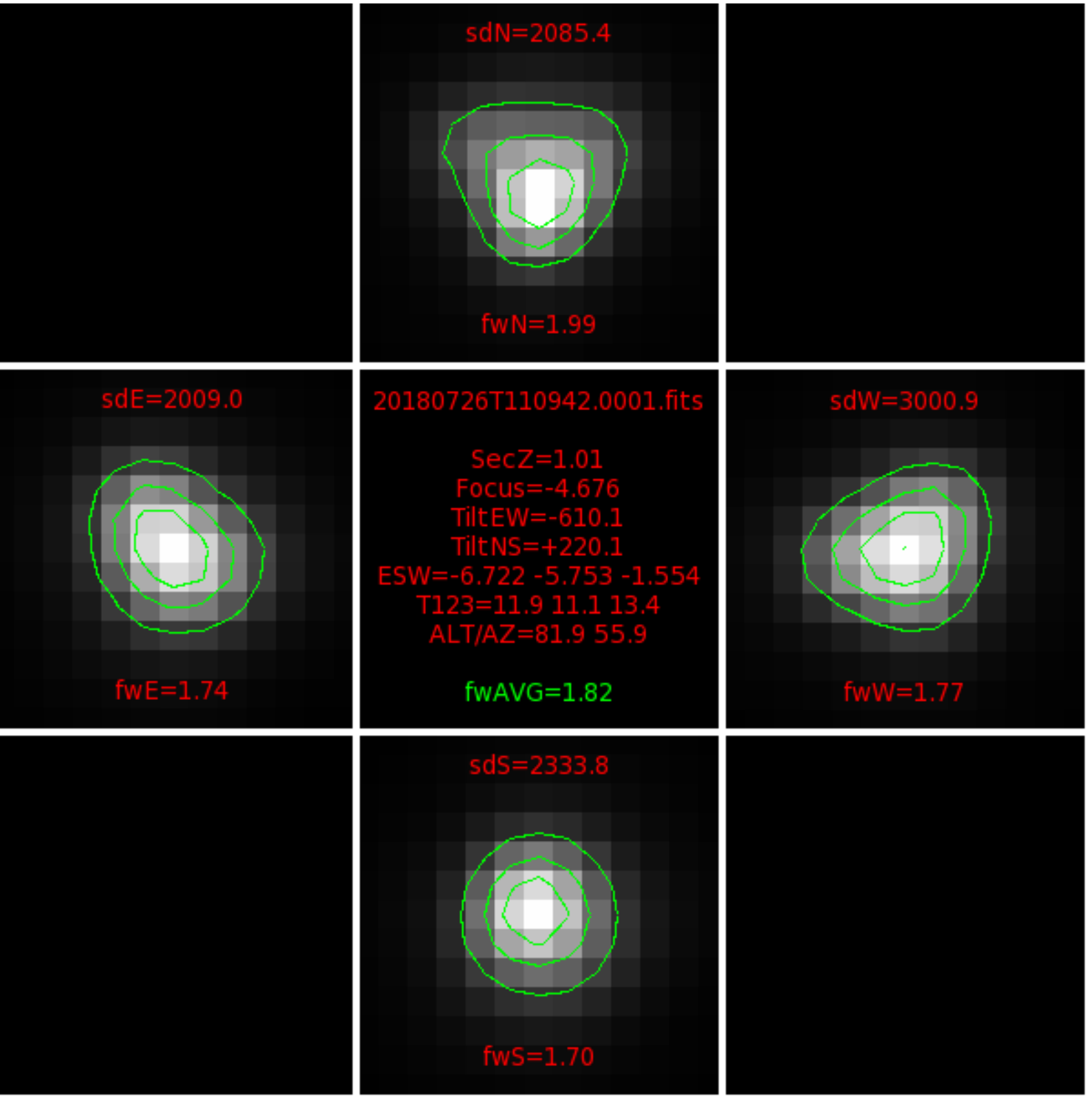

sdN=737.7
fwN=1.90
sdE=601.5
fwE=1.63
20180726T110430.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=11.9 11.5 13.5
ALT/AZ=80.8 132.3
fwAVG=1.68
sdW=1146.4
fwW=1.59
sdS=641.7
fwS=1.68
0 0 0 0 0 0 0 0 0

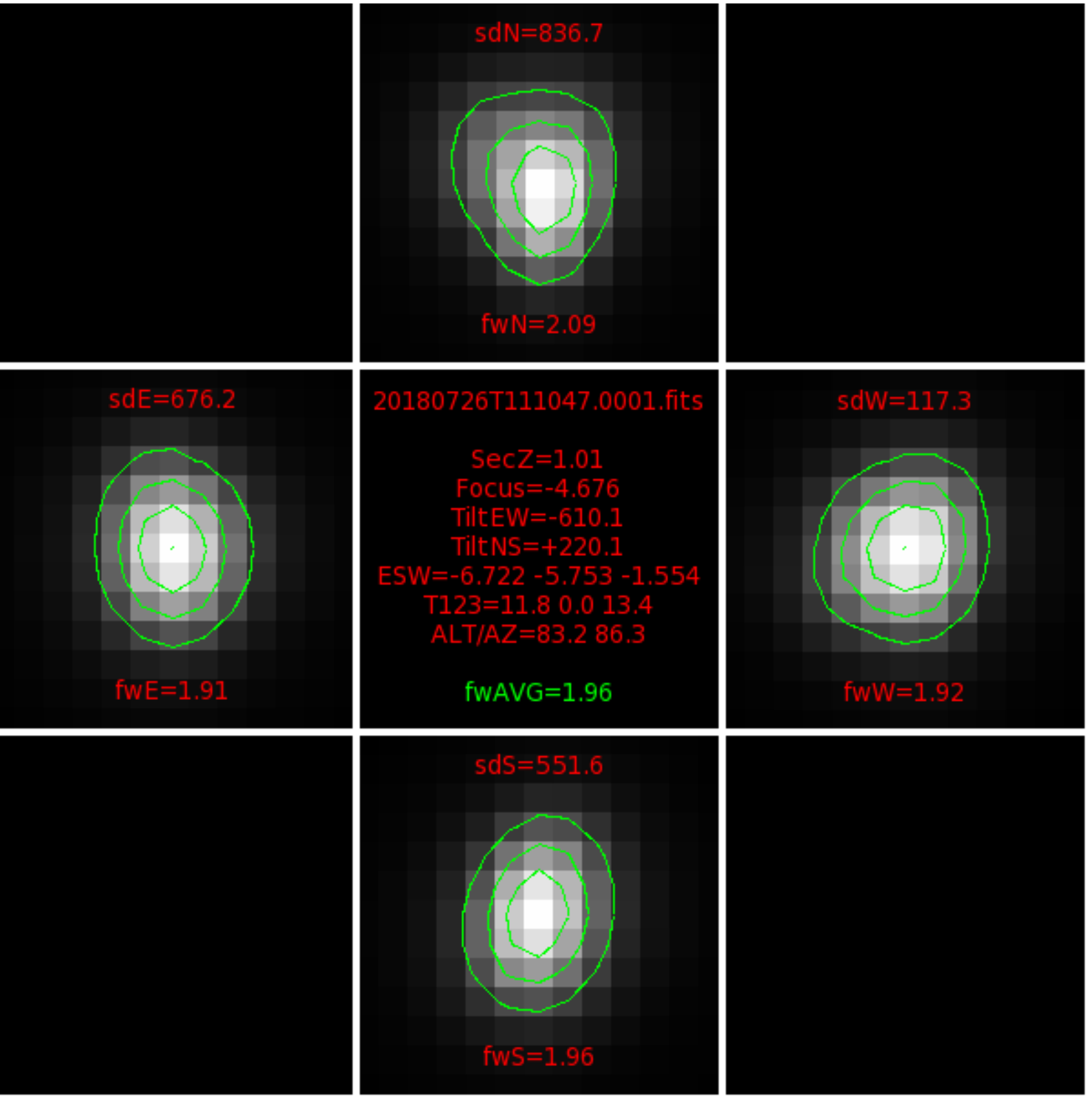

sdN=2173.0
fwN=1.81
sdE=1427.7
fwE=1.59
20180726T110522.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=11.9 11.5 13.4
ALT/AZ=81.0 133.2
fwAVG=1.69
sdW=2414.2
fwW=1.68
sdS=1503.6
fwS=1.67
0 0 0 0 0 0 0 0 0

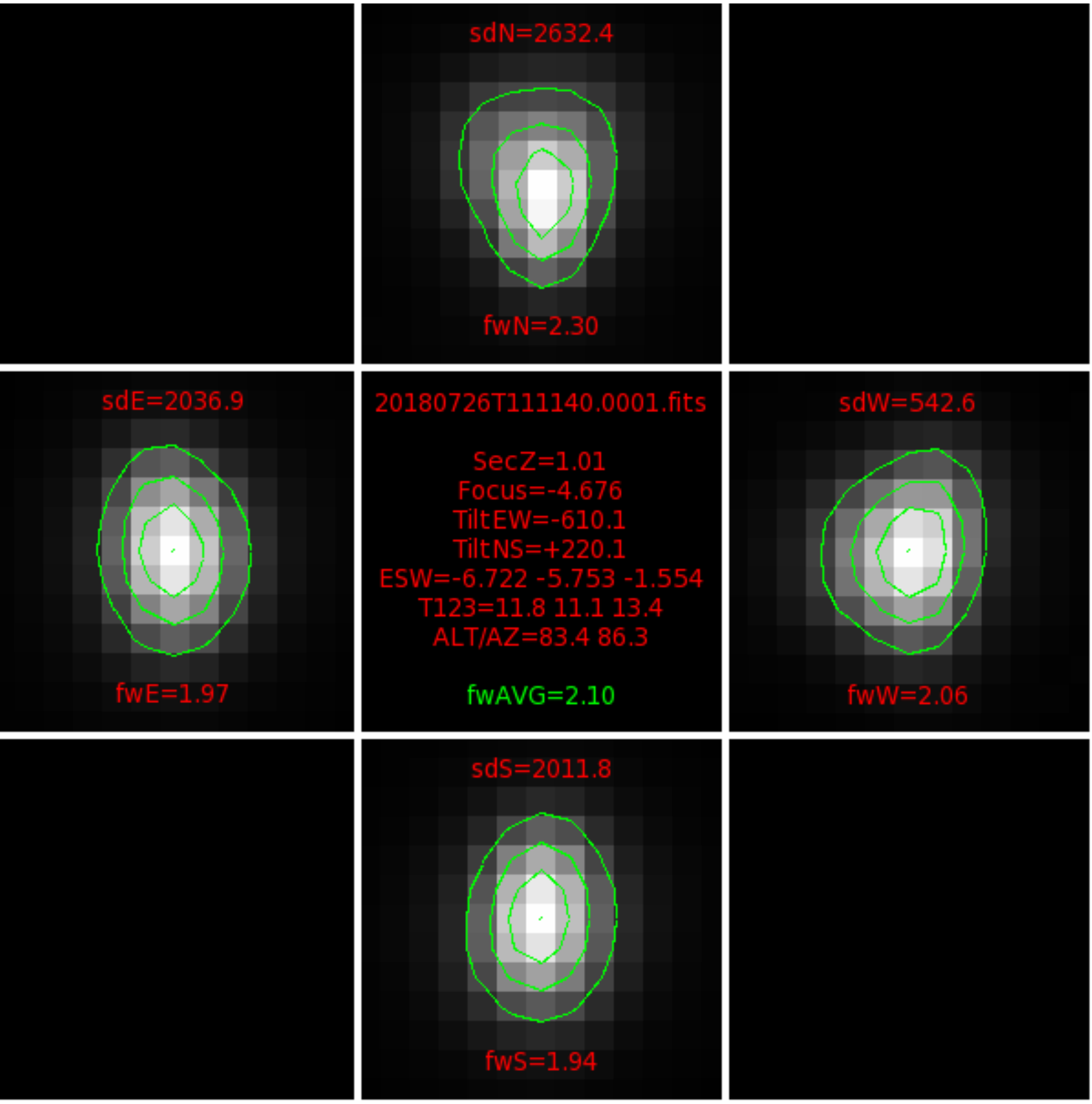

sdN=815.8
fwN=1.92
sdE=1792.1
fwE=1.66
20180726T110634.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=11.9 11.5 13.4
ALT/AZ=80.2 80.5
fwAVG=1.73
sdW=522.1
fwW=1.67
sdS=546.9
fwS=1.63
0 0 0 0 0 0 0 0 0

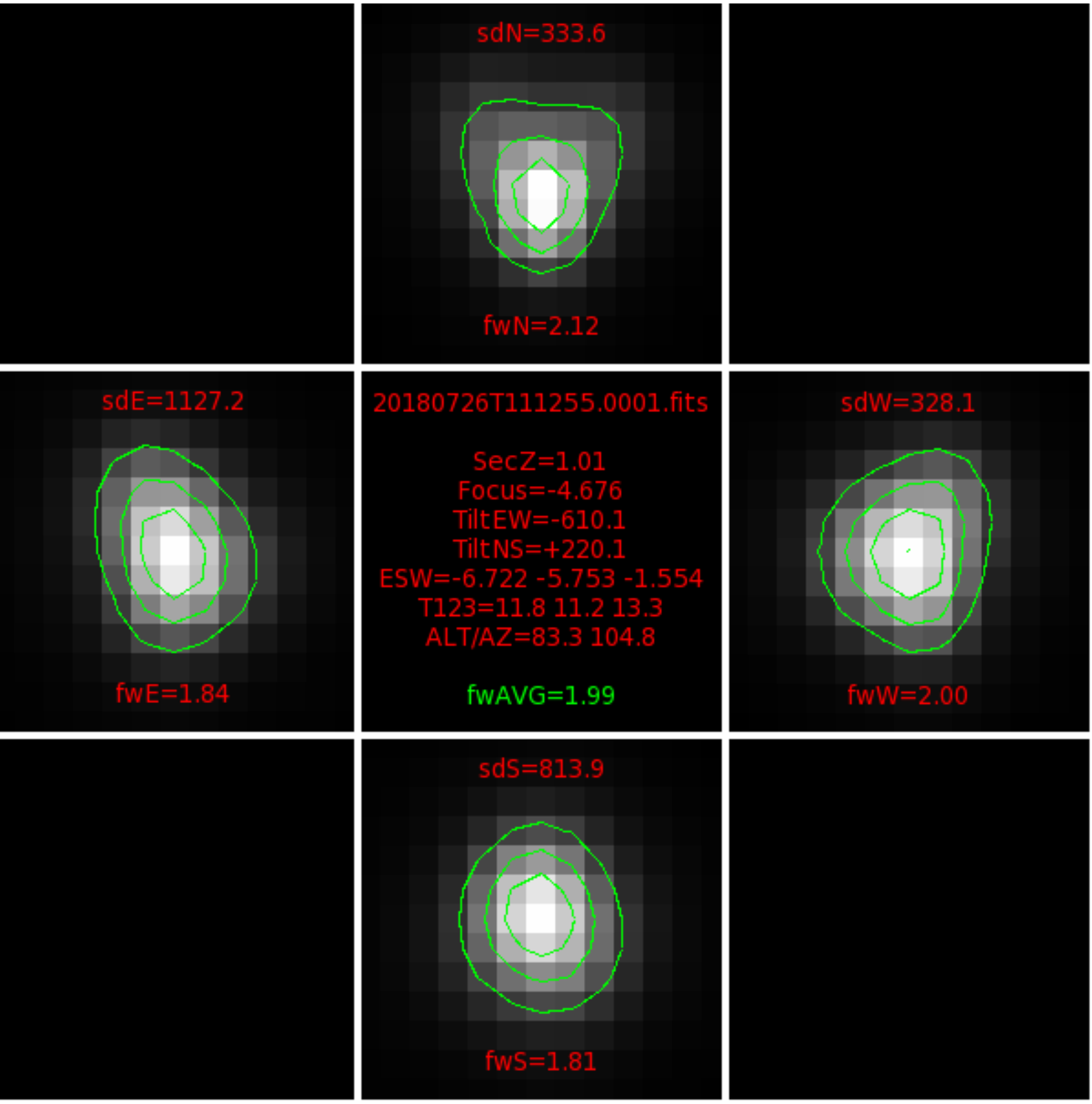

sdN=2001.7
fwN=1.95
sdE=3287.6
fwE=1.71
20180726T110726.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=11.9 11.3 13.4
ALT/AZ=80.4 80.5
fwAVG=1.76
sdW=1902.3
fwW=1.69
sdS=1652.2
fwS=1.67
0 0 0 0 0 0 0 0 0

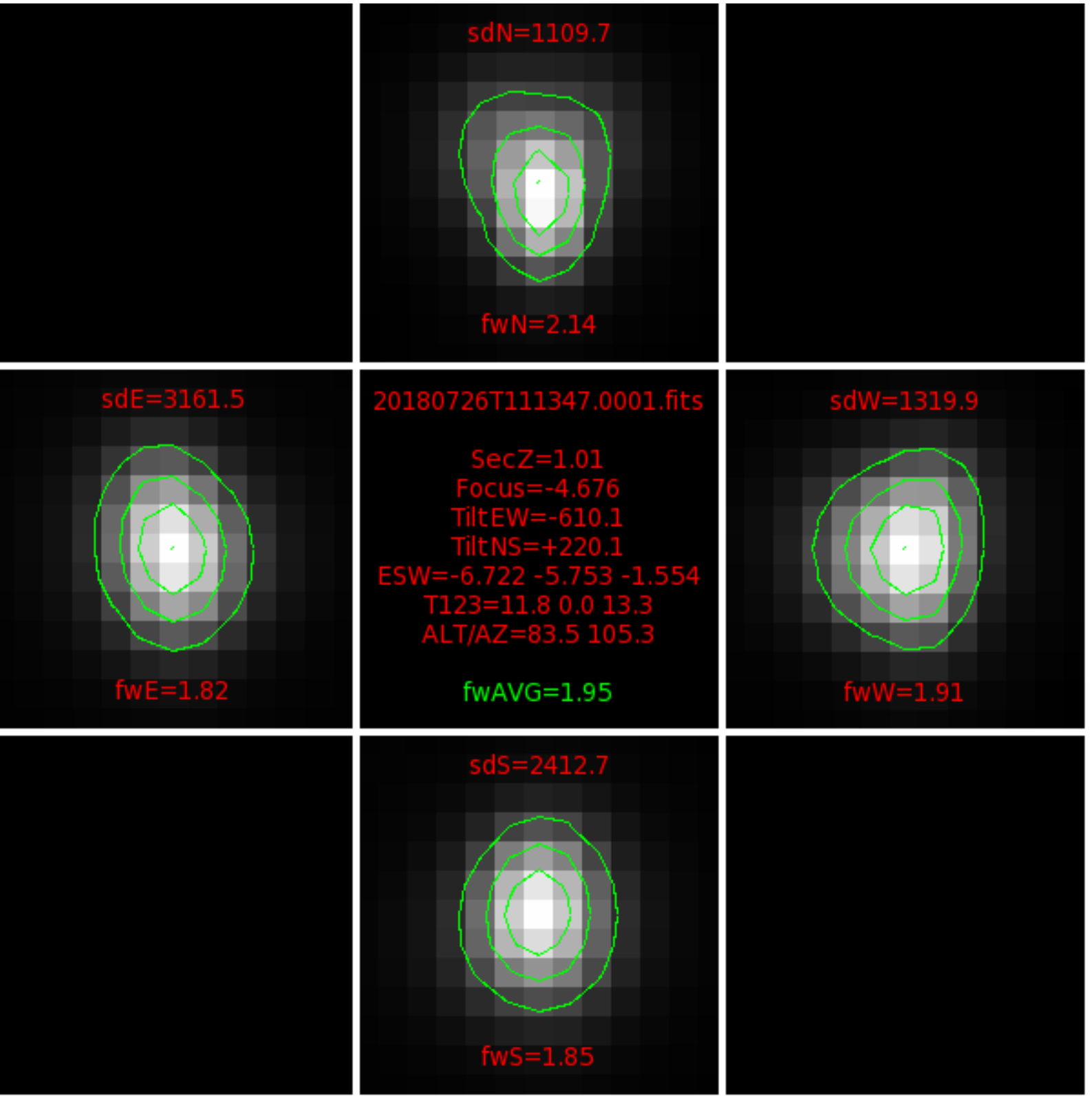

sdN=594.9
fwN=1.95
sdE=728.1
fwE=1.76
20180726T110848.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=11.9 0.0 13.4
ALT/AZ=81.7 56.5
fwAVG=1.79
sdW=974.1
fwW=1.72
sdS=820.8
fwS=1.67
0 0 0 0 0 0 0 0 0

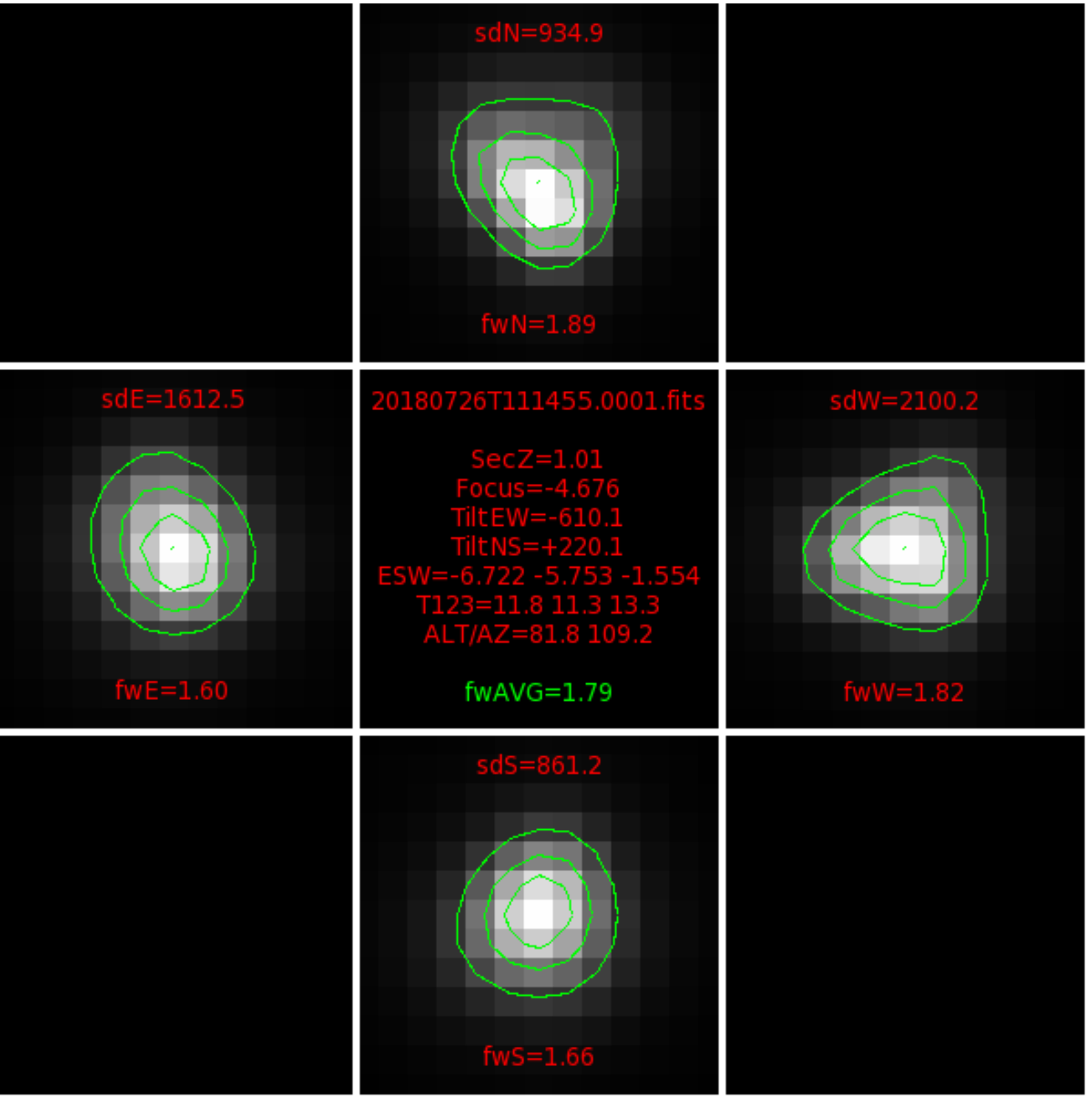

sdN=2085.4
fwN=1.99
sdE=2009.0
fwE=1.74
20180726T110942.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=11.9 11.1 13.4
ALT/AZ=81.9 55.9
fwAVG=1.82
sdW=3000.9
fwW=1.77
sdS=2333.8
fwS=1.70
0 0 0 0 0 0 0 0 0

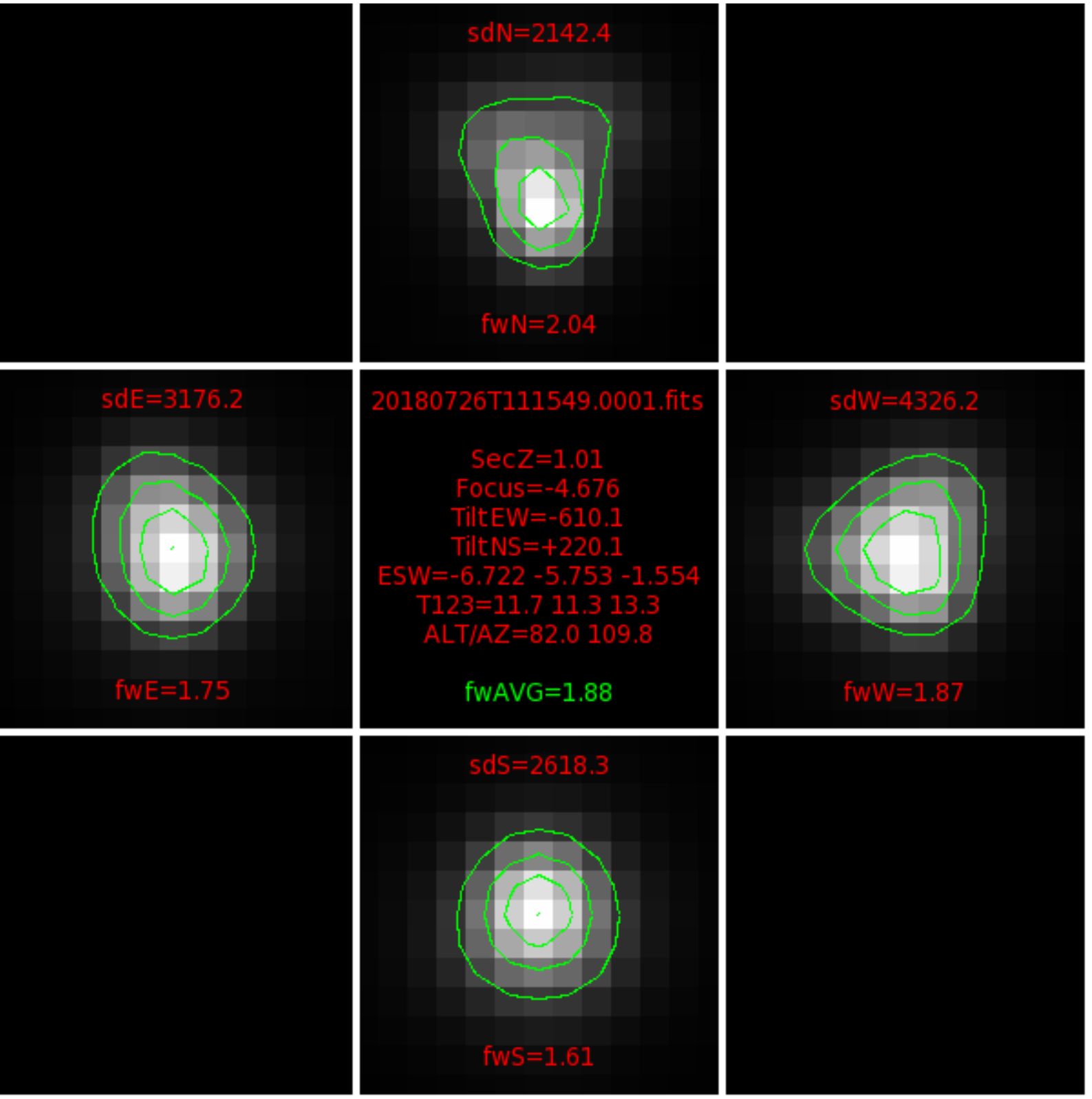

sdN=836.7
fwN=2.09
sdE=676.2
fwE=1.91
20180726T111047.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=11.8 0.0 13.4
ALT/AZ=83.2 86.3
fwAVG=1.96
sdW=117.3
fwW=1.92
sdS=551.6
fwS=1.96
0 0 0 0 0 0 0 0 0

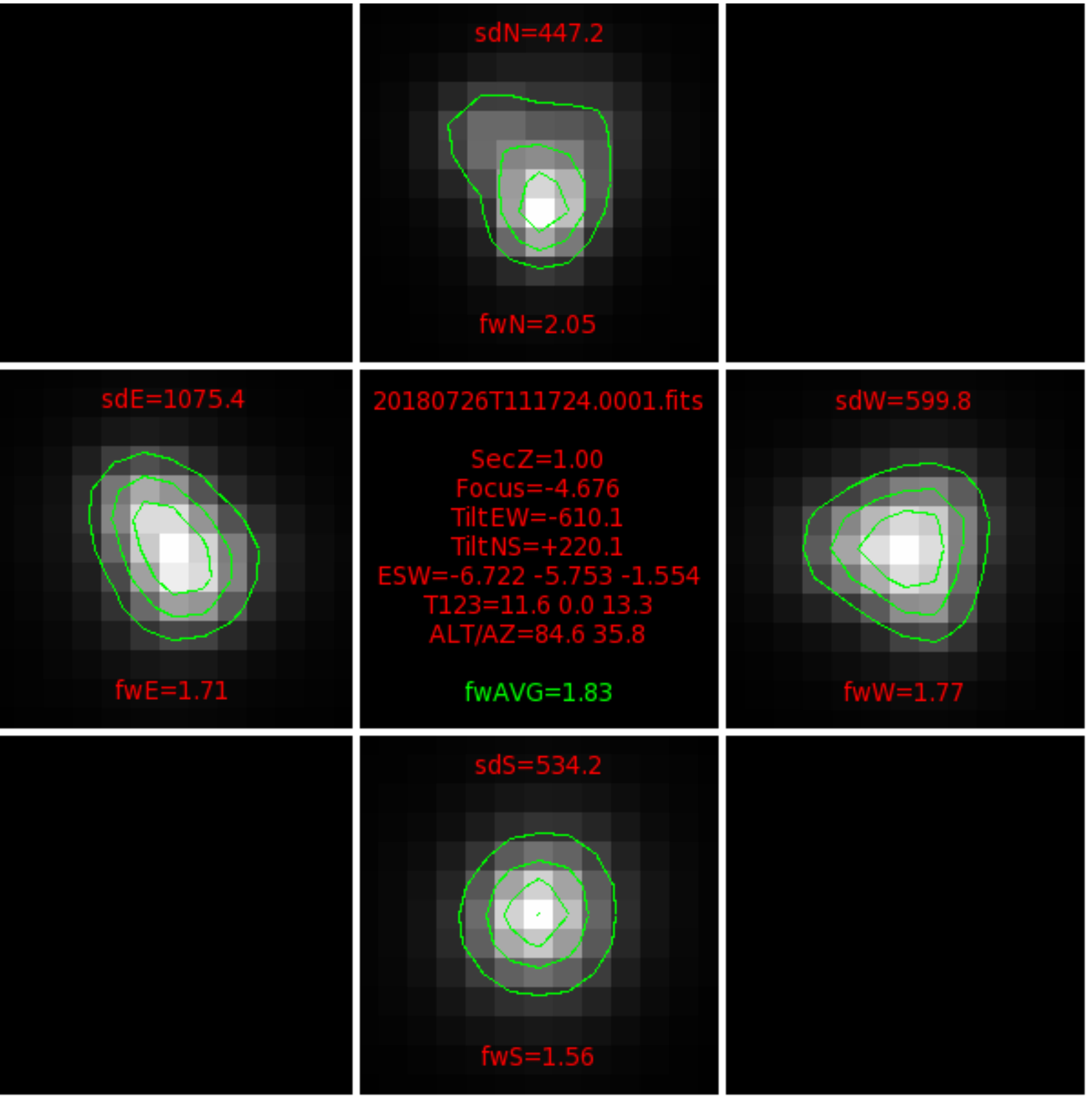

sdN=2632.4
fwN=2.30
sdE=2036.9
fwE=1.97
20180726T111140.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=11.8 11.1 13.4
ALT/AZ=83.4 86.3
fwAVG=2.10
sdW=542.6
fwW=2.06
sdS=2011.8
fwS=1.94
0 0 0 0 0 0 0 0 0

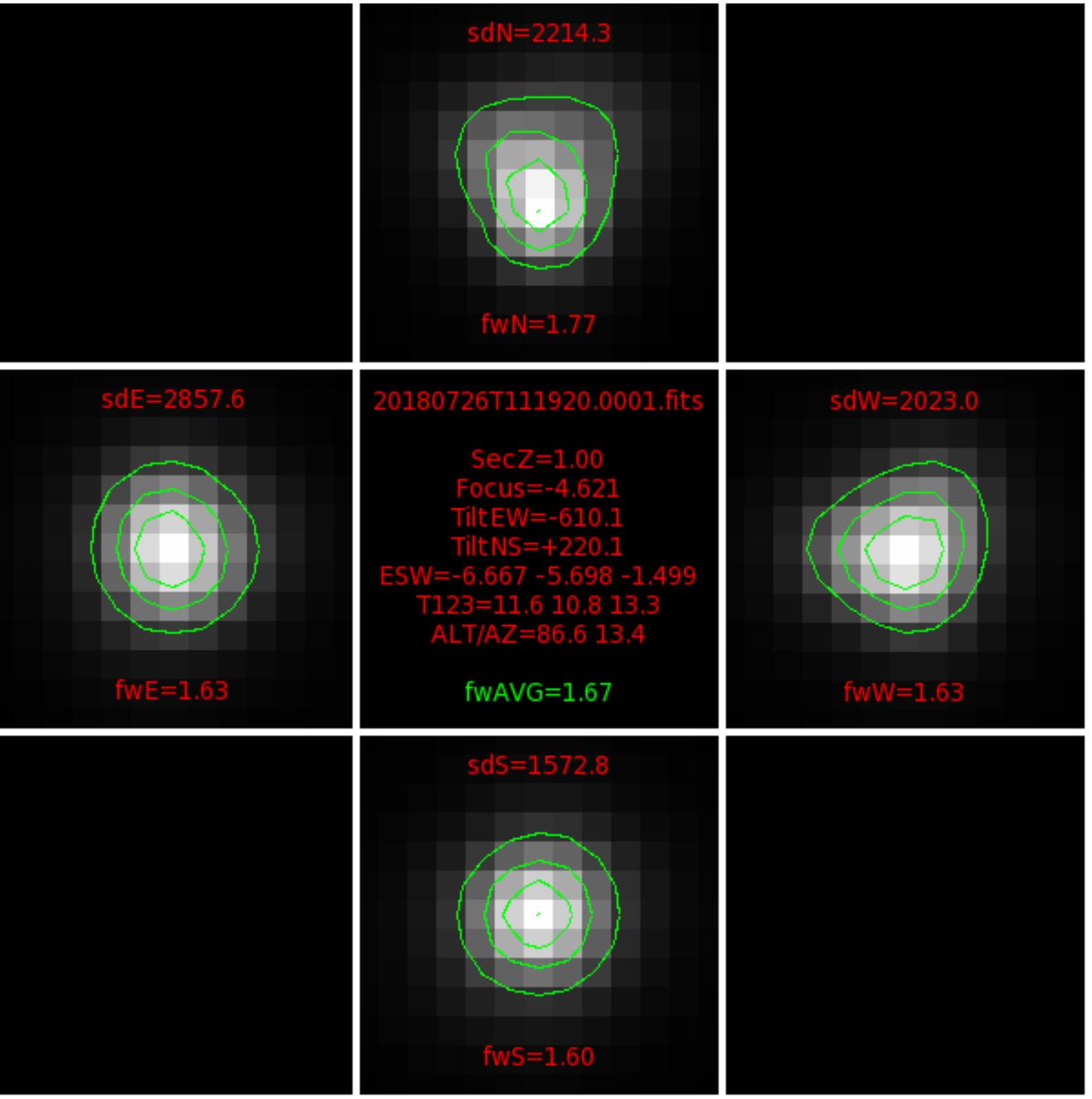

sdN=333.6
fwN=2.12
sdE=1127.2
fwE=1.84
20180726T111255.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=11.8 11.2 13.3
ALT/AZ=83.3 104.8
fwAVG=1.99
sdW=328.1
fwW=2.00
sdS=813.9
fwS=1.81
0 0 0 0 0 0 0 0 0

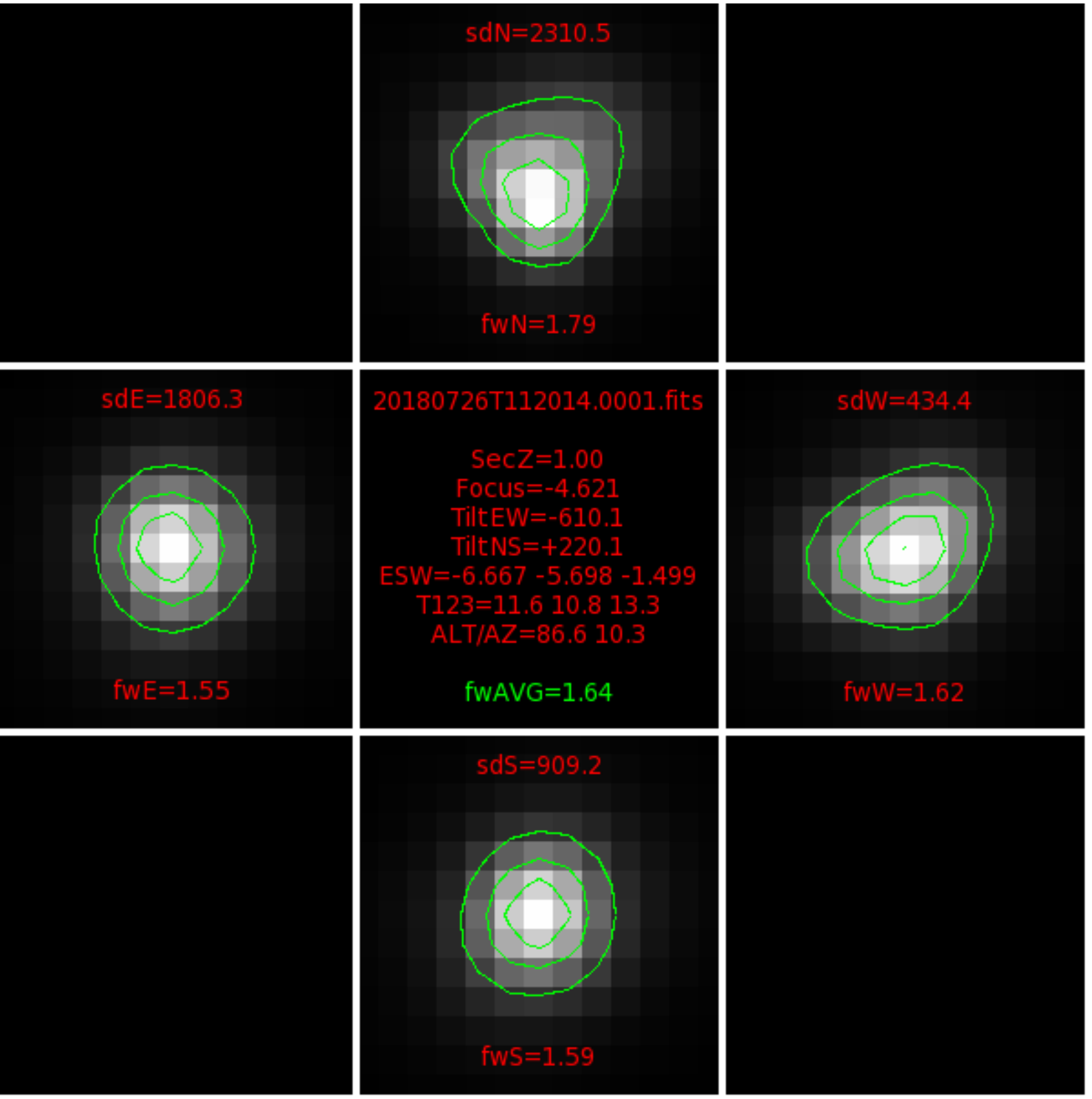

sdN=1109.7
fwN=2.14
sdE=3161.5
fwE=1.82
20180726T111347.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=11.8 0.0 13.3
ALT/AZ=83.5 105.3
fwAVG=1.95
sdW=1319.9
fwW=1.91
sdS=2412.7
fwS=1.85
0 0 0 0 0 0 0 0 0

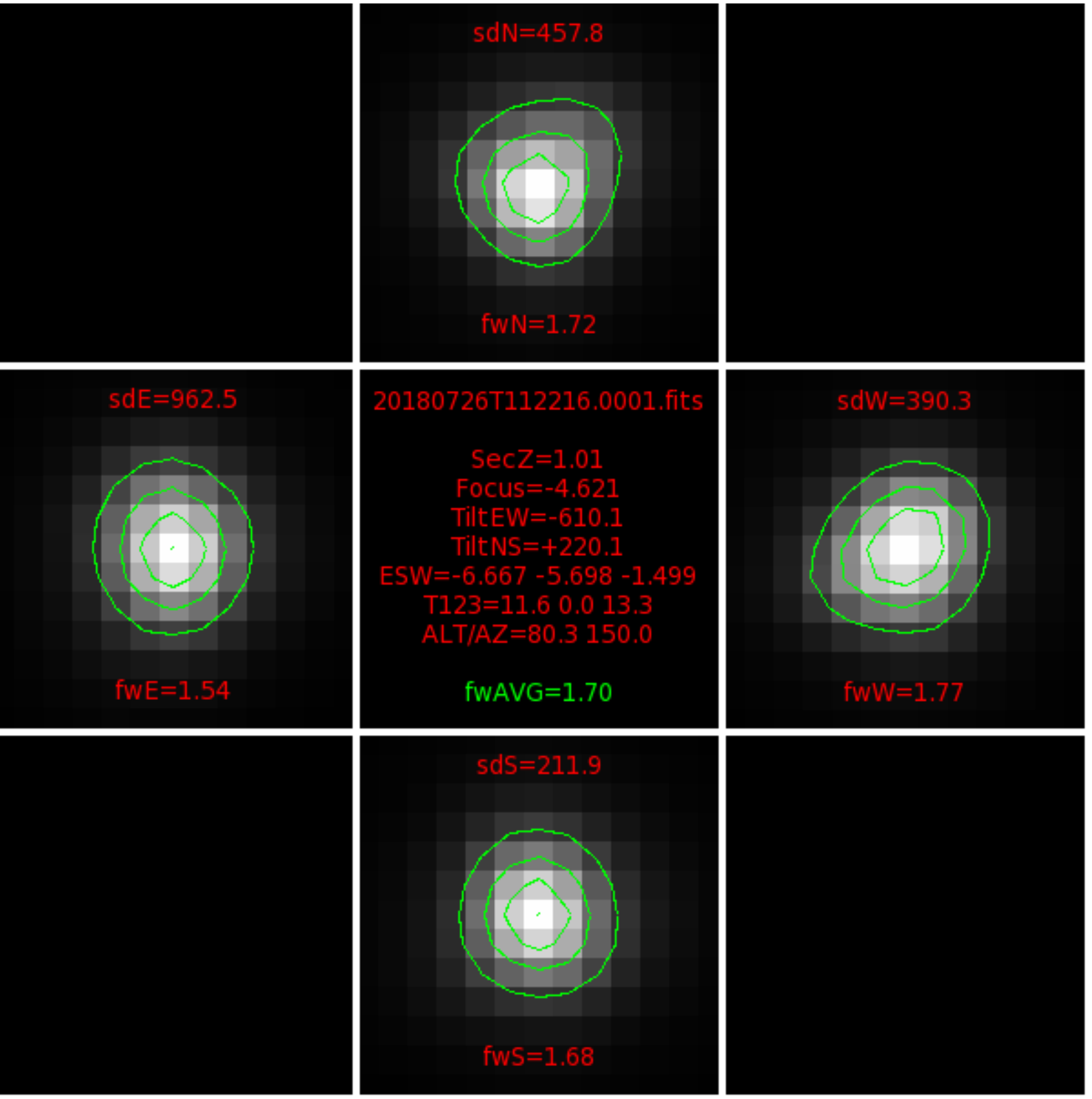

sdN=934.9
fwN=1.89
sdE=1612.5
fwE=1.60
20180726T111455.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=11.8 11.3 13.3
ALT/AZ=81.8 109.2
fwAVG=1.79
sdW=2100.2
fwW=1.82
sdS=861.2
fwS=1.66
0 0 0 0 0 0 0 0 0

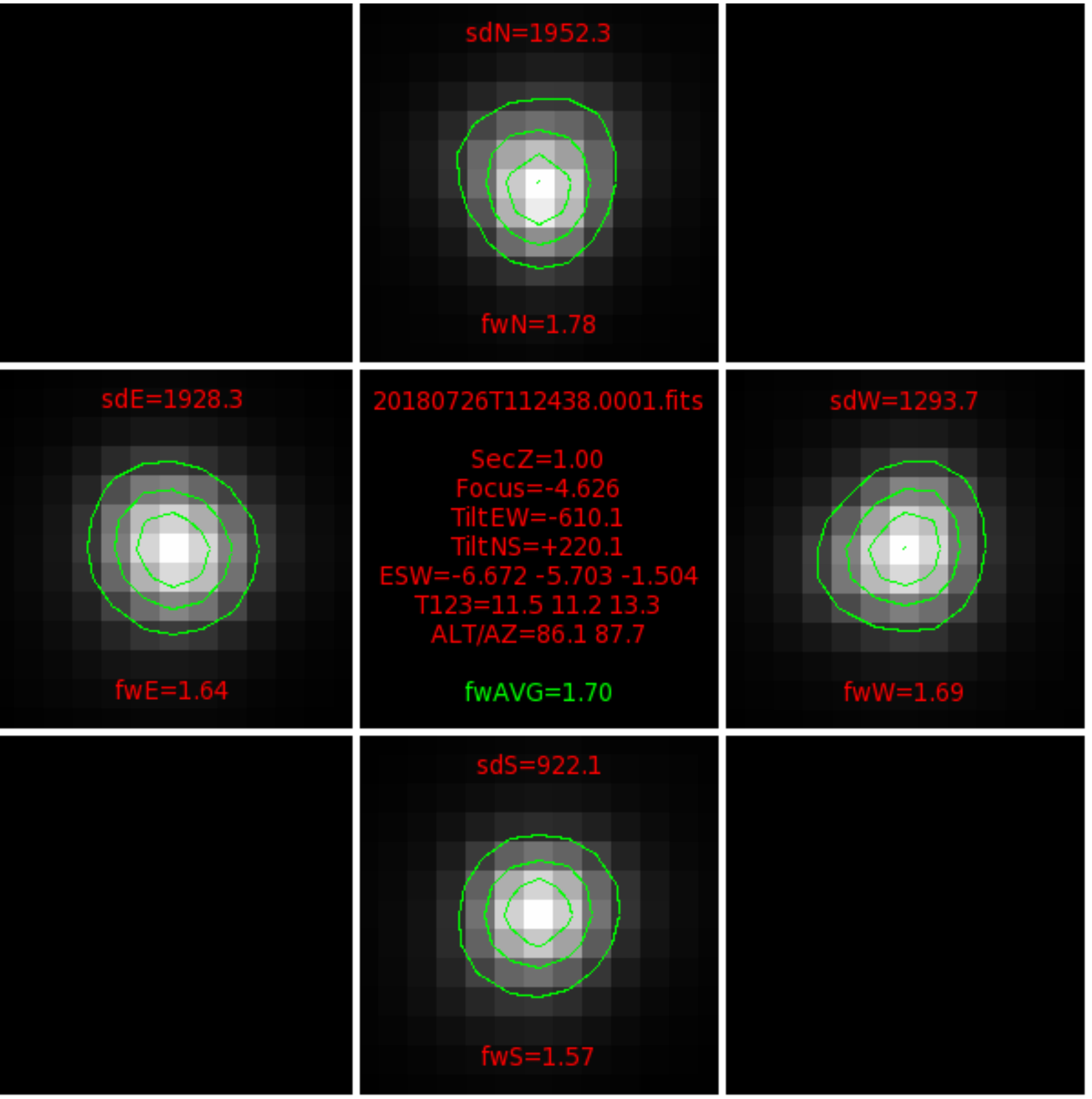

sdN=2142.4
fwN=2.04
sdE=3176.2
fwE=1.75
20180726T111549.0001.fits
SecZ=1.01
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=11.7 11.3 13.3
ALT/AZ=82.0 109.8
fwAVG=1.88
sdW=4326.2
fwW=1.87
sdS=2618.3
fwS=1.61
0 0 0 0 0 0 0 0 0

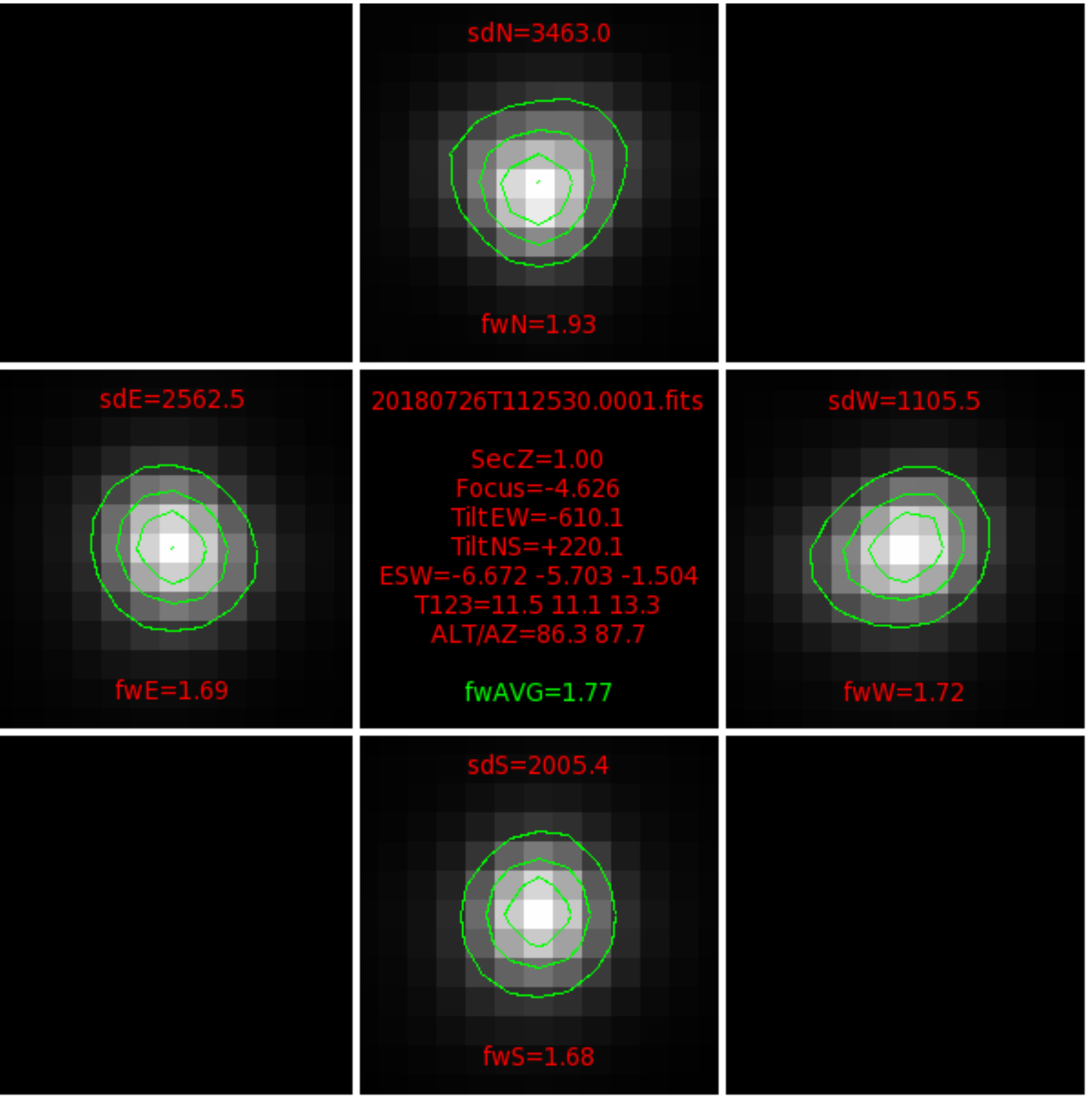

sdN=447.2
fwN=2.05
sdE=1075.4
fwE=1.71
20180726T111724.0001.fits
SecZ=1.00
Focus=-4.676
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.722 -5.753 -1.554
T123=11.6 0.0 13.3
ALT/AZ=84.6 35.8
fwAVG=1.83
sdW=599.8
fwW=1.77
sdS=534.2
fwS=1.56
0 0 0 0 0 0 0 0 0

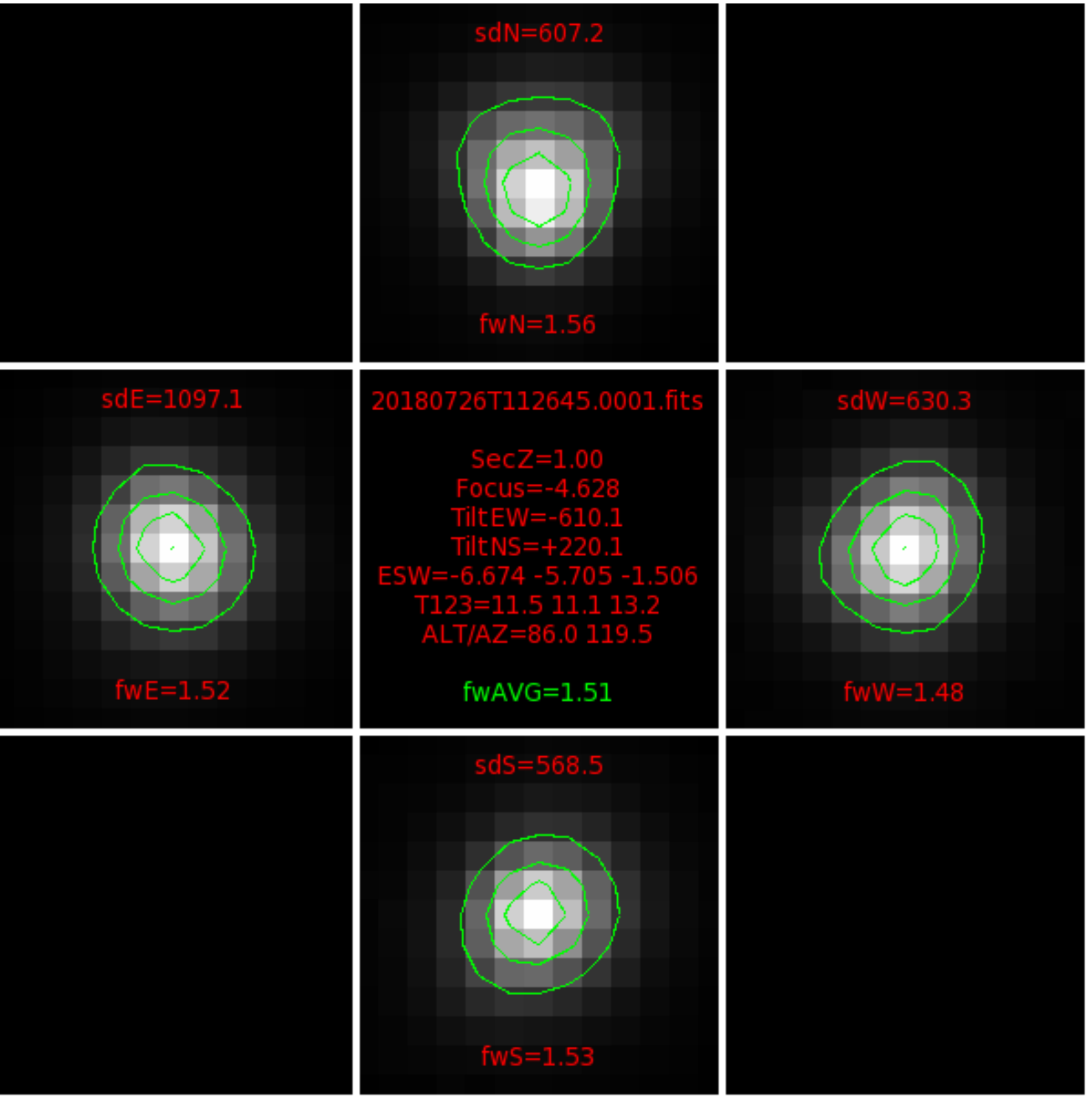

sdN=2214.3
fwN=1.77
sdE=2857.6
fwE=1.63
20180726T111920.0001.fits
SecZ=1.00
Focus=-4.621
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.667 -5.698 -1.499
T123=11.6 10.8 13.3
ALT/AZ=86.6 13.4
fwAVG=1.67
sdW=2023.0
fwW=1.63
sdS=1572.8
fwS=1.60
0 0 0 0 0 0 0 0 0

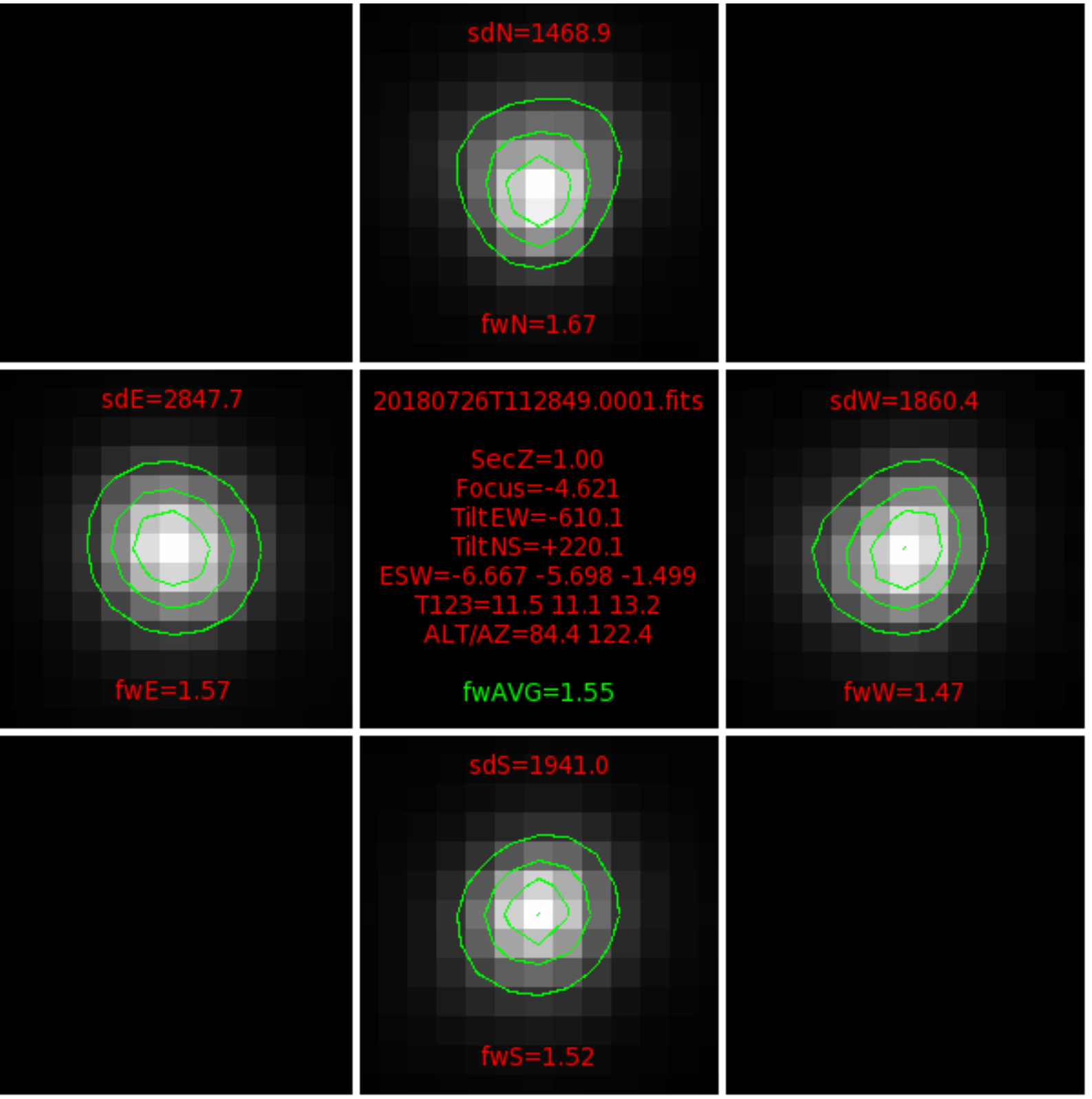

sdN=2310.5
fwN=1.79
sdE=1806.3
fwE=1.55
20180726T112014.0001.fits
SecZ=1.00
Focus=-4.621
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.667 -5.698 -1.499
T123=11.6 10.8 13.3
ALT/AZ=86.6 10.3
fwAVG=1.64
sdW=434.4
fwW=1.62
sdS=909.2
fwS=1.59
0 0 0 0 0 0 0 0 0

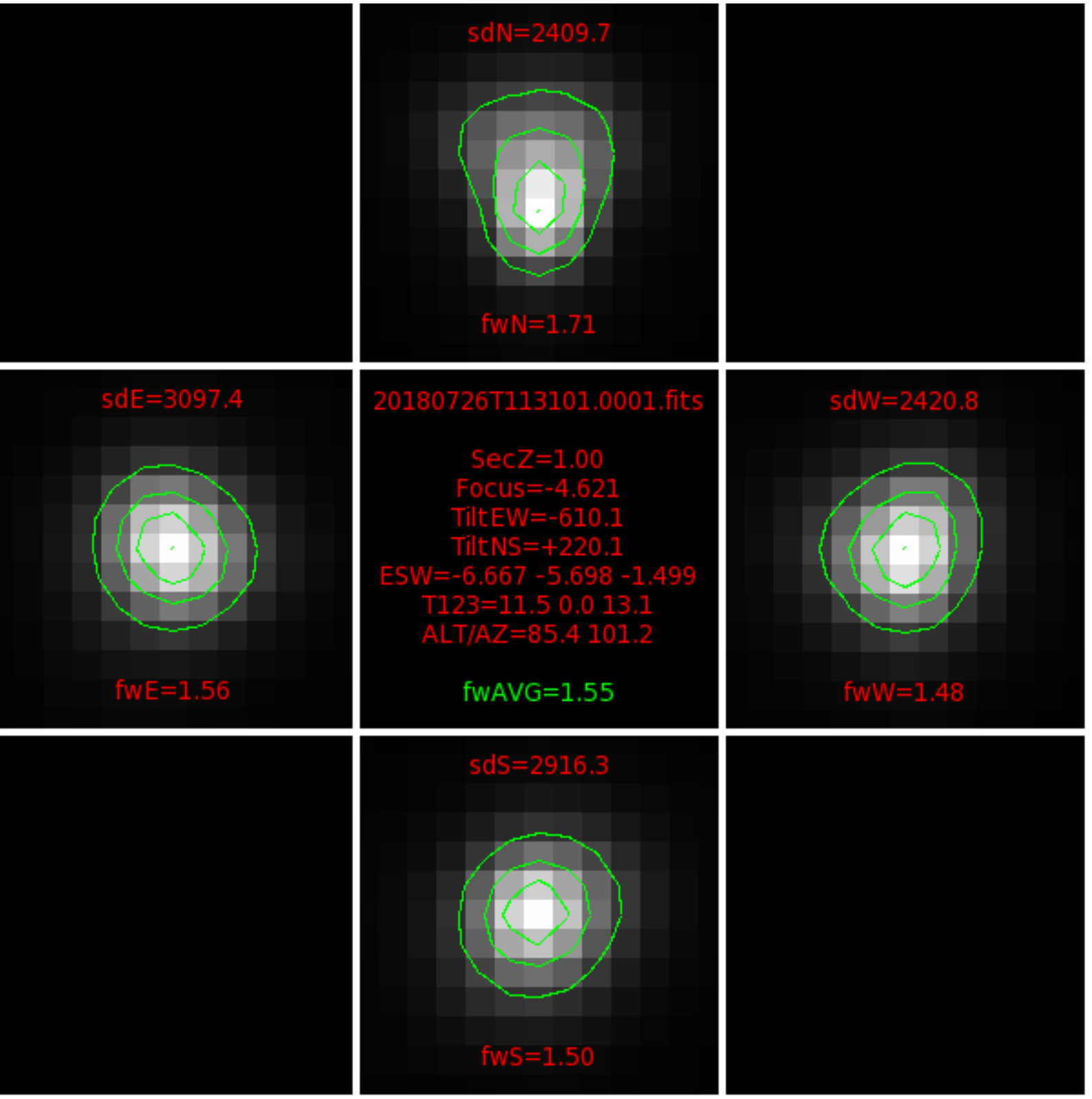

sdN=457.8
fwN=1.72
sdE=962.5
fwE=1.54
20180726T112216.0001.fits
SecZ=1.01
Focus=-4.621
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.667 -5.698 -1.499
T123=11.6 0.0 13.3
ALT/AZ=80.3 150.0
fwAVG=1.70
sdW=390.3
fwW=1.77
sdS=211.9
fwS=1.68
0 0 0 0 0 0 0 0 0

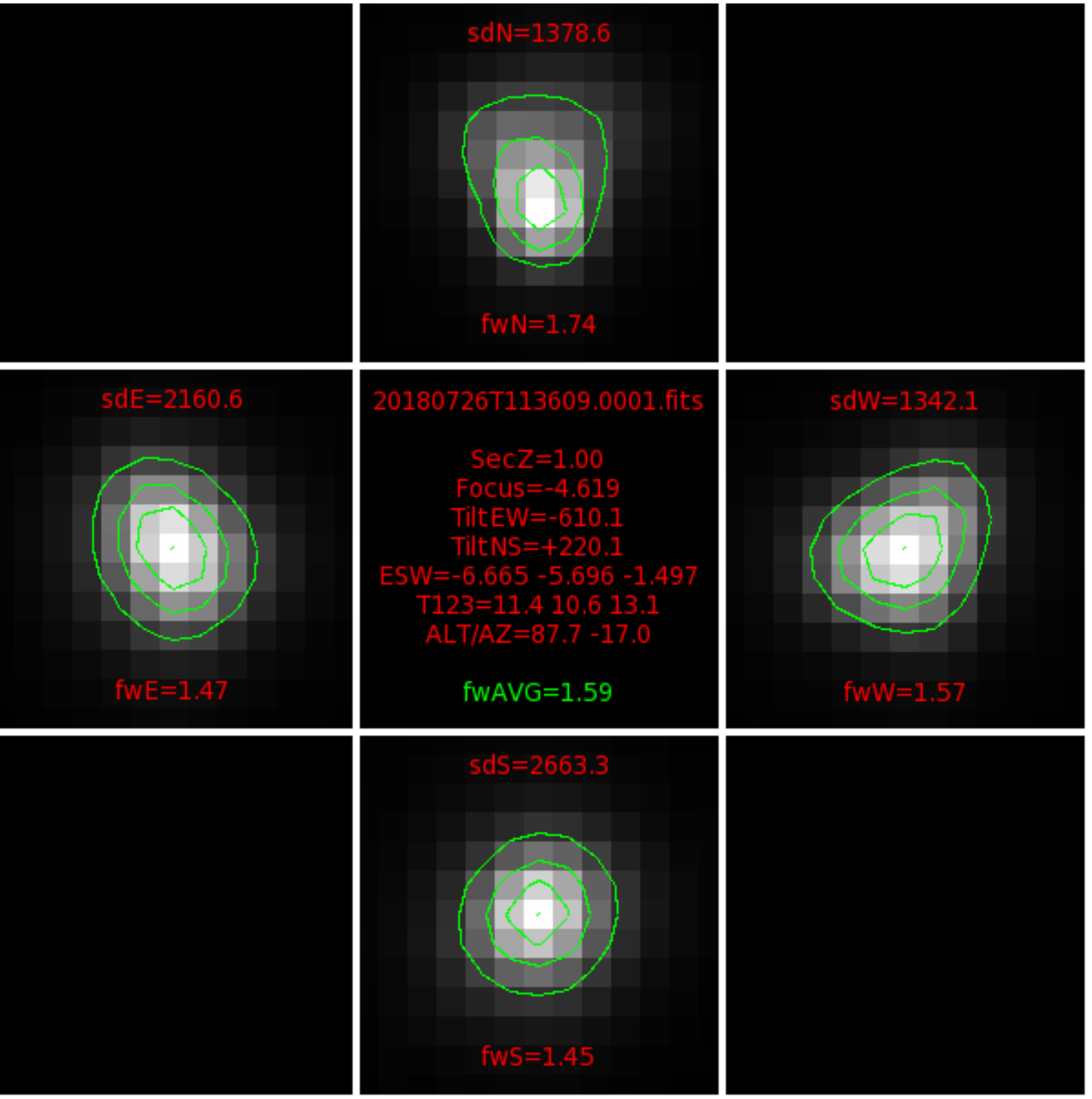

sdN=1952.3
fwN=1.78
sdE=1928.3
fwE=1.64
20180726T112438.0001.fits
SecZ=1.00
Focus=-4.626
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.672 -5.703 -1.504
T123=11.5 11.2 13.3
ALT/AZ=86.1 87.7
fwAVG=1.70
sdW=1293.7
fwW=1.69
sdS=922.1
fwS=1.57
0 0 0 0 0 0 0 0 0

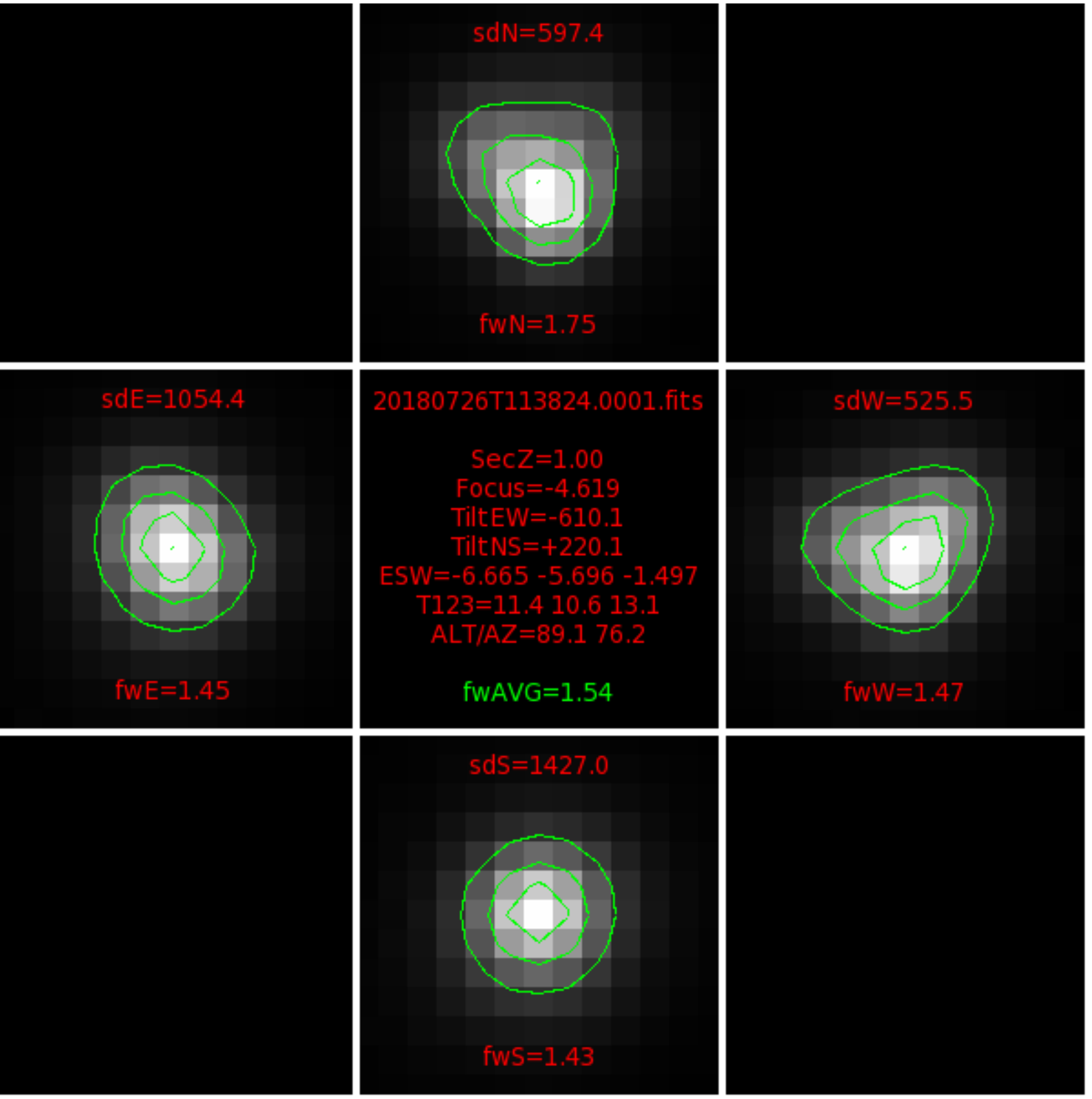

sdN=3463.0
fwN=1.93
sdE=2562.5
fwE=1.69
20180726T112530.0001.fits
SecZ=1.00
Focus=-4.626
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.672 -5.703 -1.504
T123=11.5 11.1 13.3
ALT/AZ=86.3 87.7
fwAVG=1.77
sdW=1105.5
fwW=1.72
sdS=2005.4
fwS=1.68
0 0 0 0 0 0 0 0 0

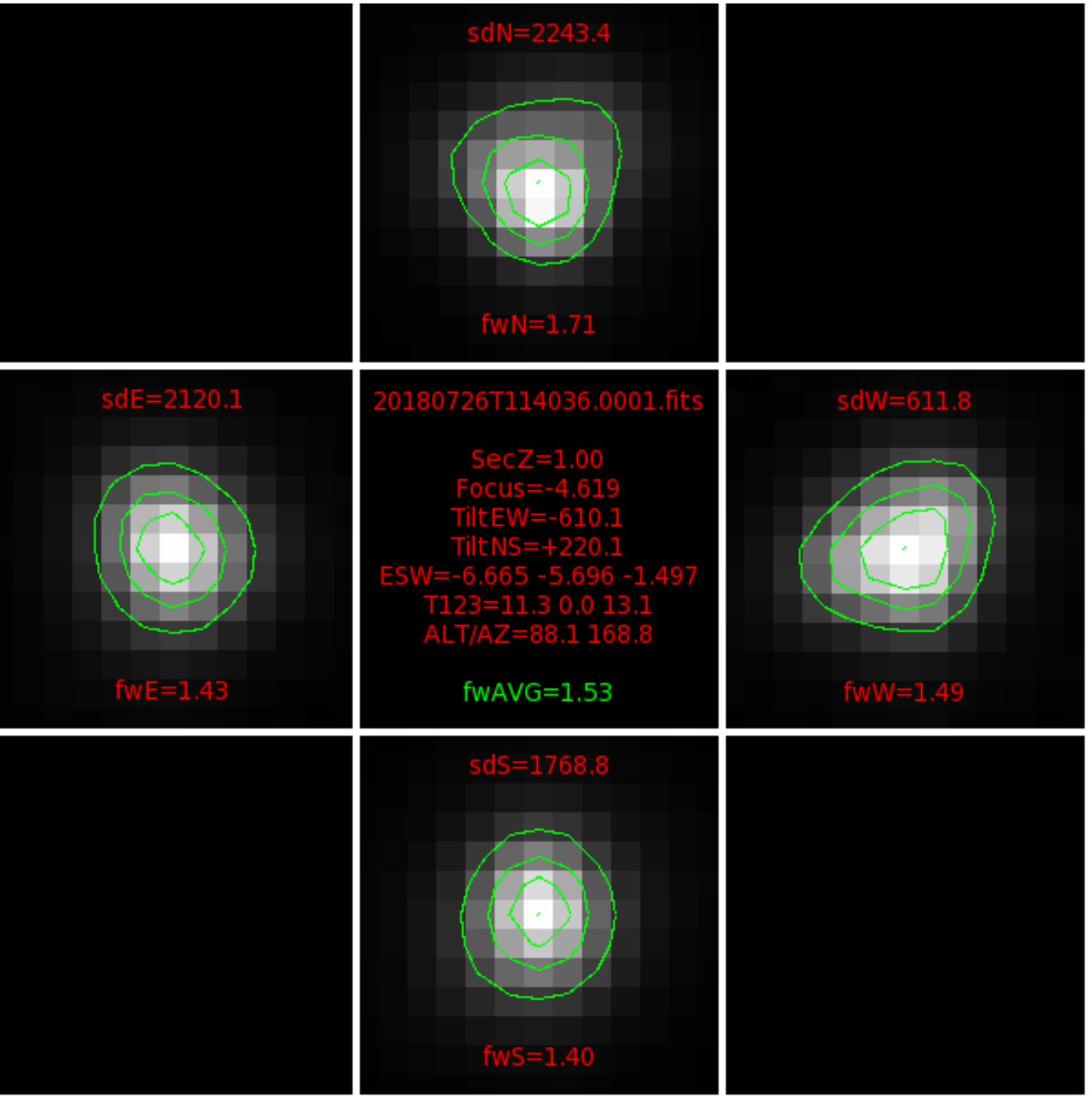

sdN=607.2
fwN=1.56
sdE=1097.1
fwE=1.52
20180726T112645.0001.fits
SecZ=1.00
Focus=-4.628
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.674 -5.705 -1.506
T123=11.5 11.1 13.2
ALT/AZ=86.0 119.5
fwAVG=1.51
sdW=630.3
fwW=1.48
sdS=568.5
fwS=1.53
0 0 0 0 0 0 0 0 0

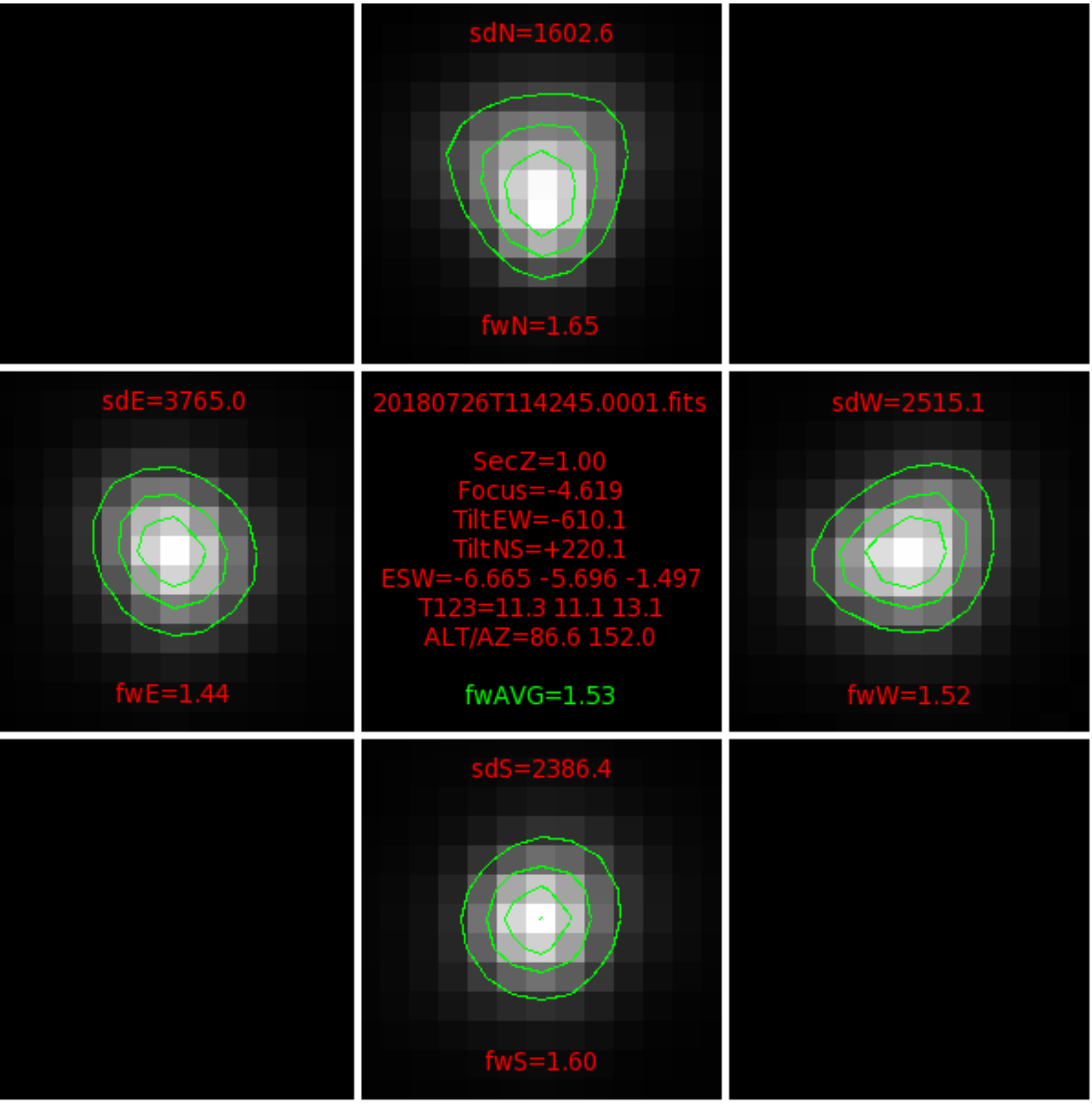

sdN=1468.9
fwN=1.67
sdE=2847.7
fwE=1.57
20180726T112849.0001.fits
SecZ=1.00
Focus=-4.621
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.667 -5.698 -1.499
T123=11.5 11.1 13.2
ALT/AZ=84.4 122.4
fwAVG=1.55
sdW=1860.4
fwW=1.47
sdS=1941.0
fwS=1.52
0 0 0 0 0 0 0 0 0

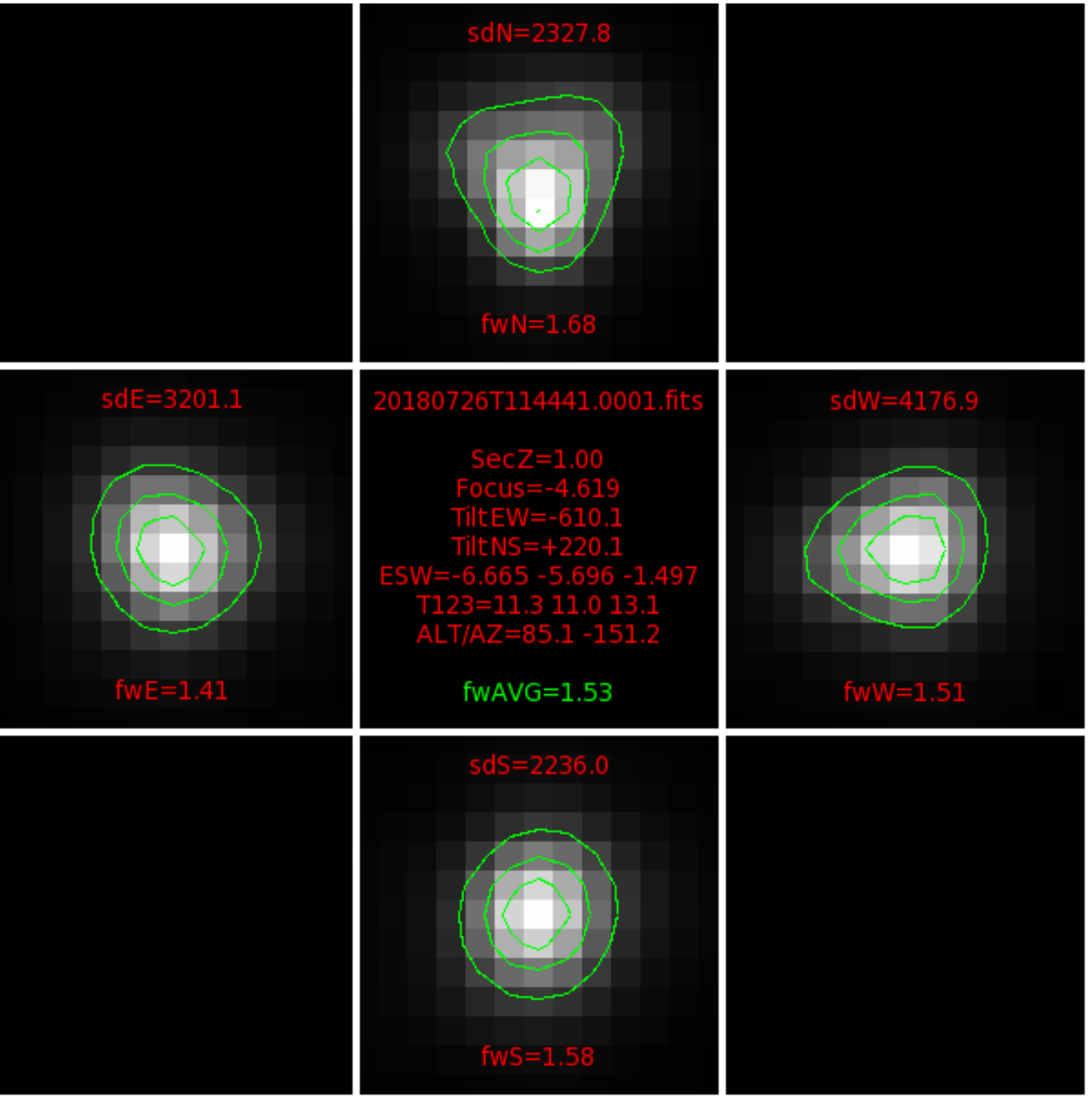

sdN=2409.7
fwN=1.71
sdE=3097.4
fwE=1.56
20180726T113101.0001.fits
SecZ=1.00
Focus=-4.621
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.667 -5.698 -1.499
T123=11.5 0.0 13.1
ALT/AZ=85.4 101.2
fwAVG=1.55
sdW=2420.8
fwW=1.48
sdS=2916.3
fwS=1.50
0 0 0 0 0 0 0 0 0

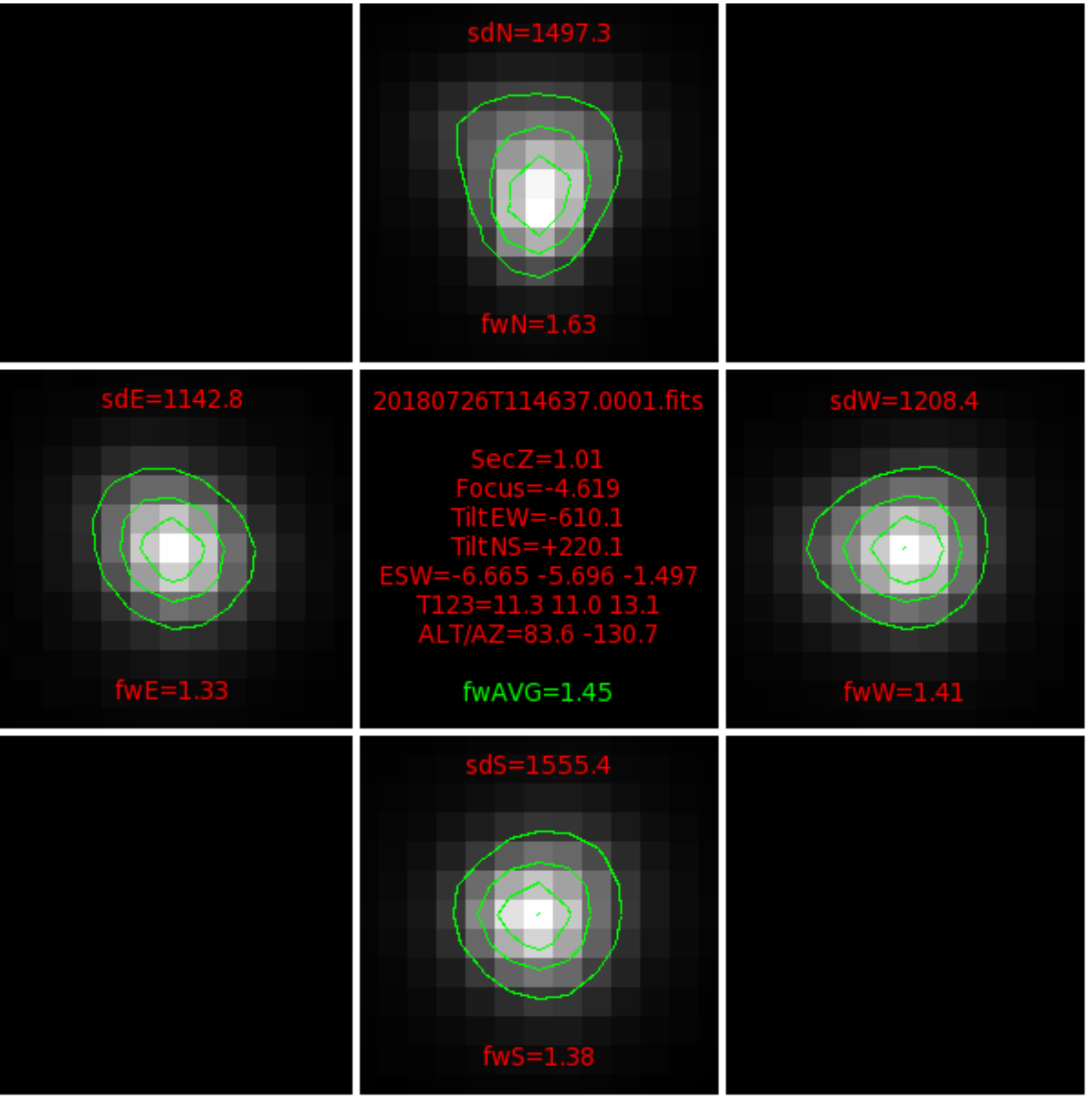

sdN=1378.6
fwN=1.74
sdE=2160.6
fwE=1.47
20180726T113609.0001.fits
SecZ=1.00
Focus=-4.619
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.665 -5.696 -1.497
T123=11.4 10.6 13.1
ALT/AZ=87.7 -17.0
fwAVG=1.59
sdW=1342.1
fwW=1.57
sdS=2663.3
fwS=1.45
0 0 0 0 0 0 0 0 0

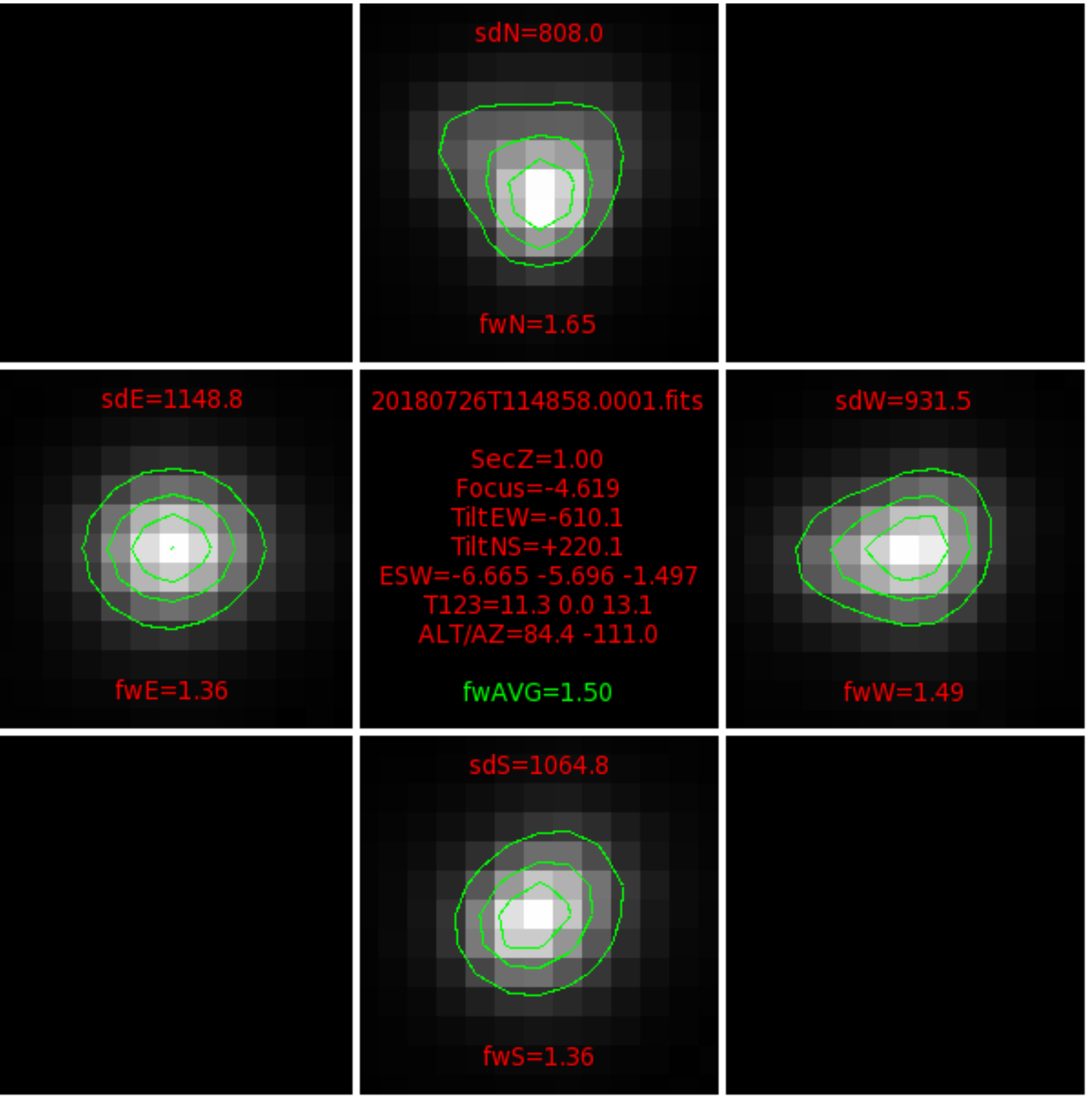

sdN=597.4
fwN=1.75
sdE=1054.4
fwE=1.45
20180726T113824.0001.fits
SecZ=1.00
Focus=-4.619
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.665 -5.696 -1.497
T123=11.4 10.6 13.1
ALT/AZ=89.1 76.2
fwAVG=1.54
sdW=525.5
fwW=1.47
sdS=1427.0
fwS=1.43
0 0 0 0 0 0 0 0 0

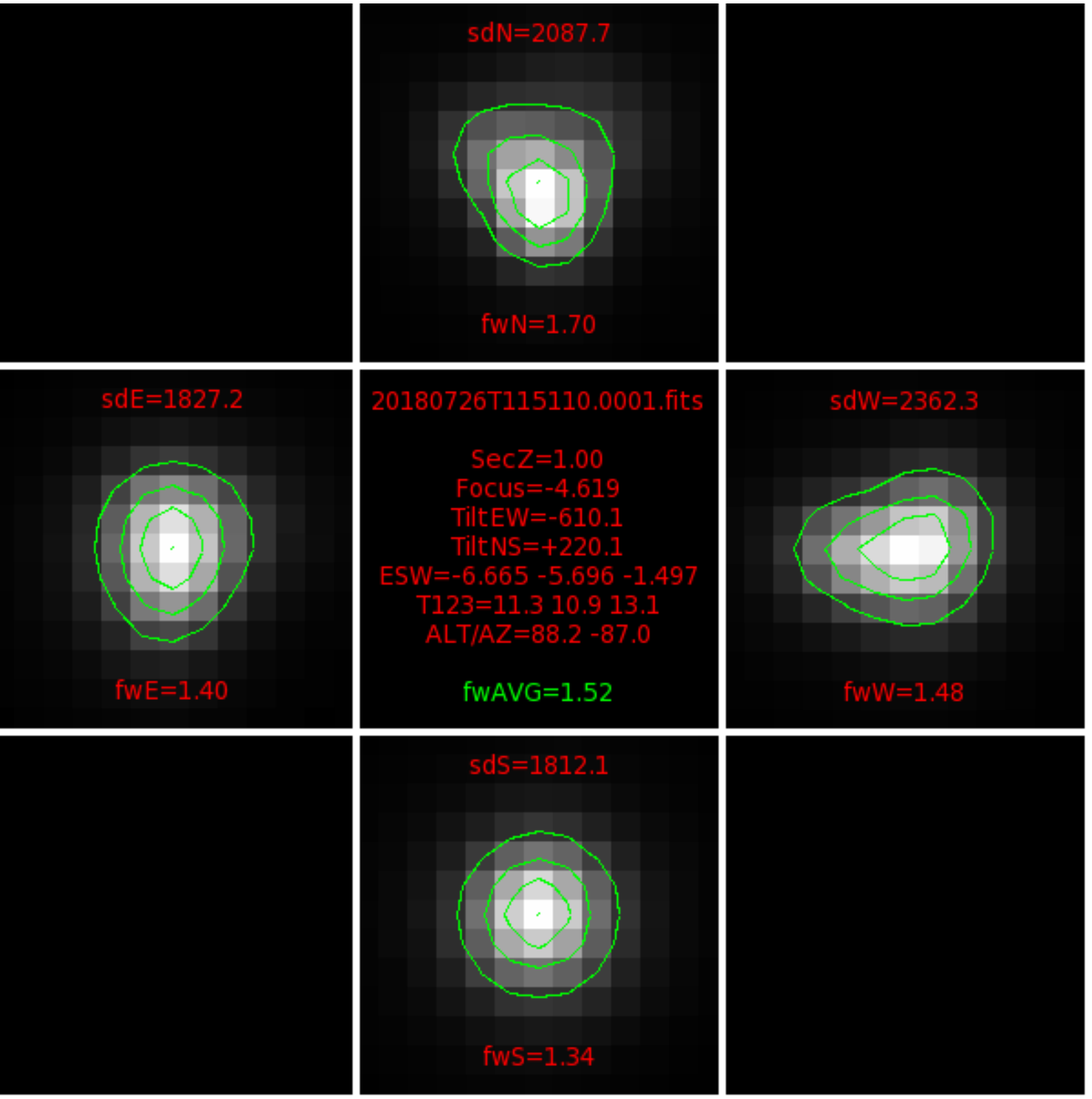

sdN=2243.4
fwN=1.71
sdE=2120.1
fwE=1.43
20180726T114036.0001.fits
SecZ=1.00
Focus=-4.619
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.665 -5.696 -1.497
T123=11.3 0.0 13.1
ALT/AZ=88.1 168.8
fwAVG=1.53
sdW=611.8
fwW=1.49
sdS=1768.8
fwS=1.40
0 0 0 0 0 0 0 0 0

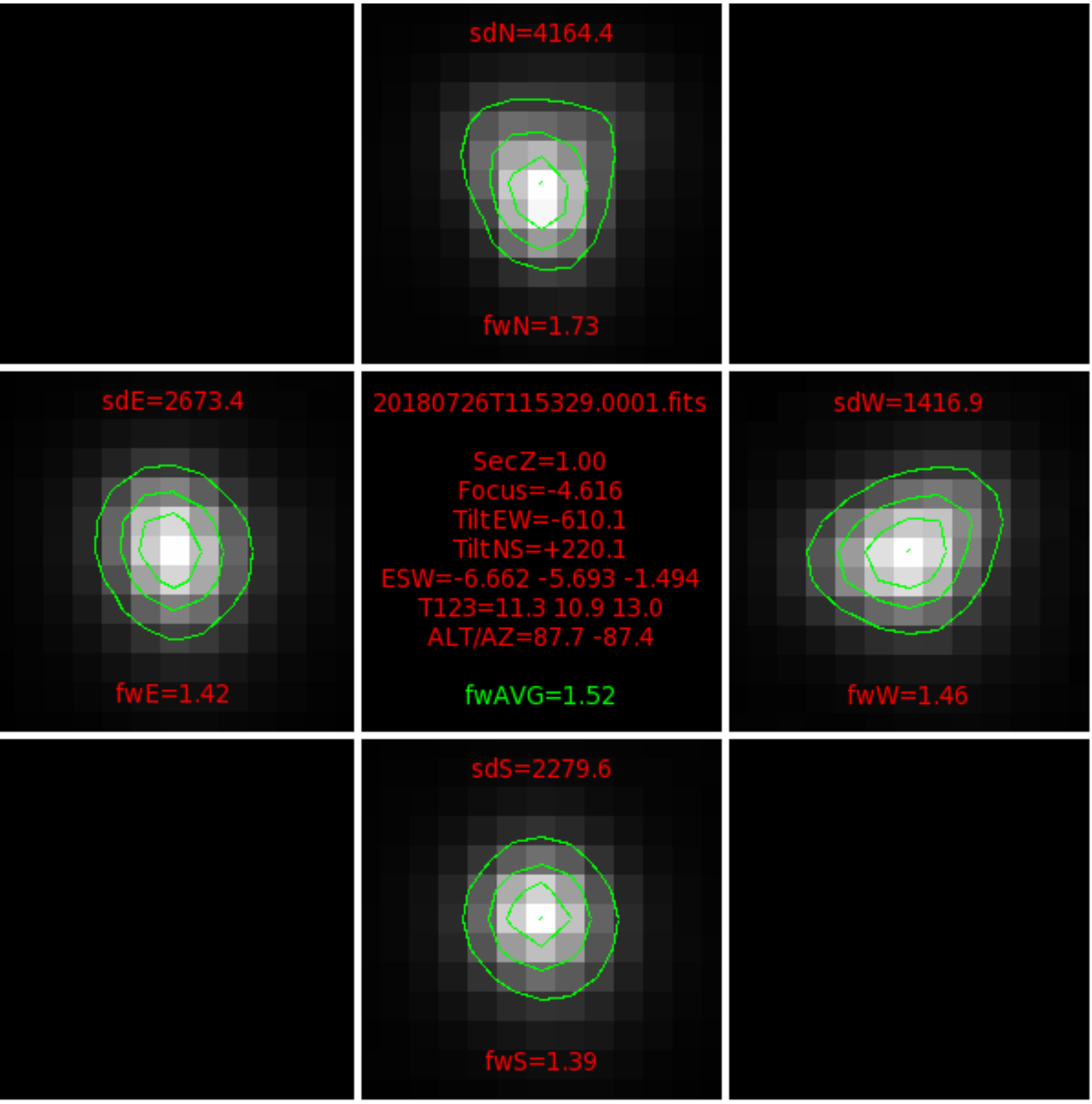

sdN=1602.6
fwN=1.65
sdE=3765.0
fwE=1.44
20180726T114245.0001.fits
SecZ=1.00
Focus=-4.619
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.665 -5.696 -1.497
T123=11.3 11.1 13.1
ALT/AZ=86.6 152.0
fwAVG=1.53
sdW=2515.1
fwW=1.52
sdS=2386.4
fwS=1.60
0 0 0 0 0 0 0 0 0

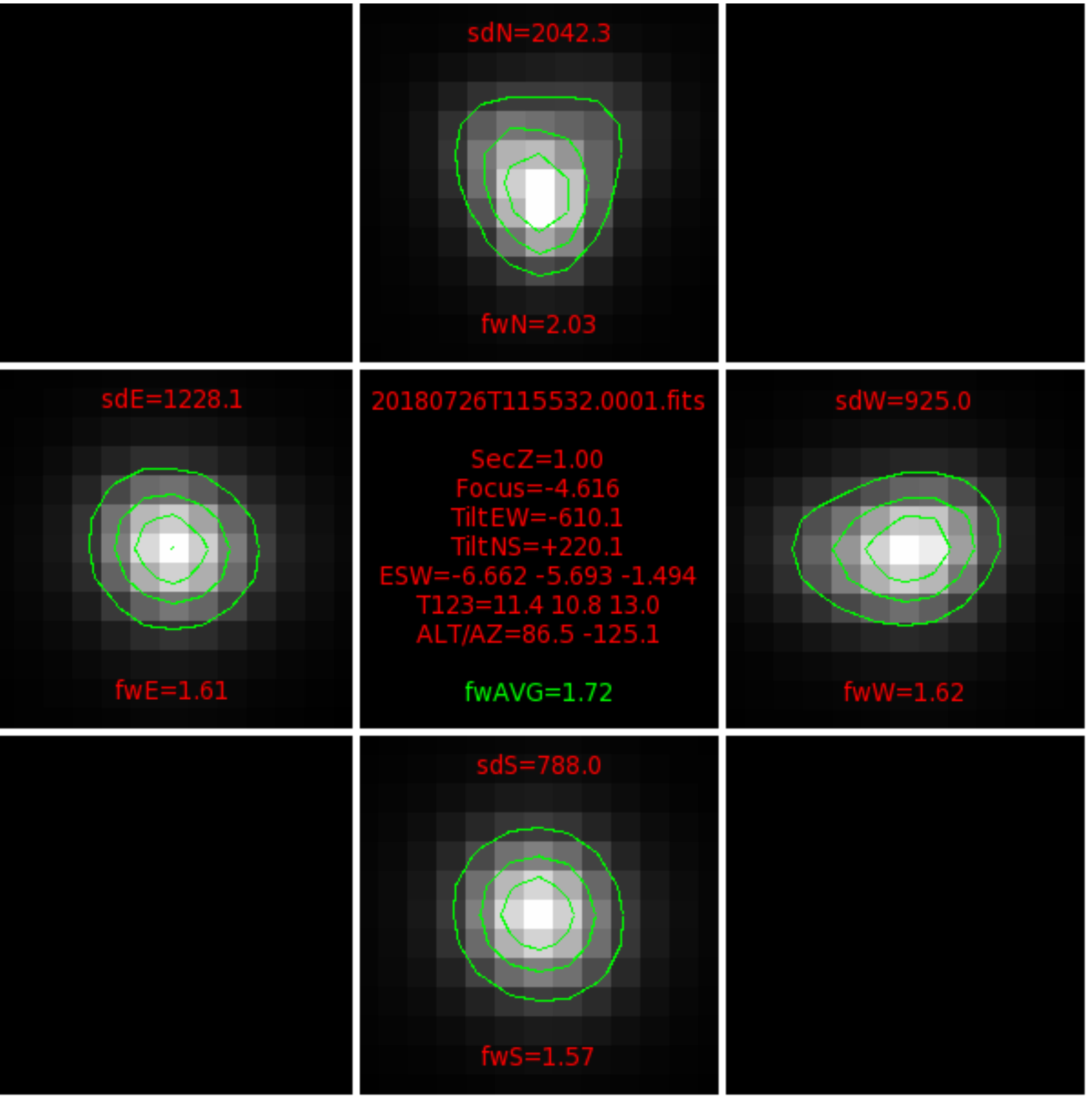

sdN=2327.8
fwN=1.68
sdE=3201.1
fwE=1.41
20180726T114441.0001.fits
SecZ=1.00
Focus=-4.619
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.665 -5.696 -1.497
T123=11.3 11.0 13.1
ALT/AZ=85.1 -151.2
fwAVG=1.53
sdW=4176.9
fwW=1.51
sdS=2236.0
fwS=1.58
0 0 0 0 0 0 0 0 0

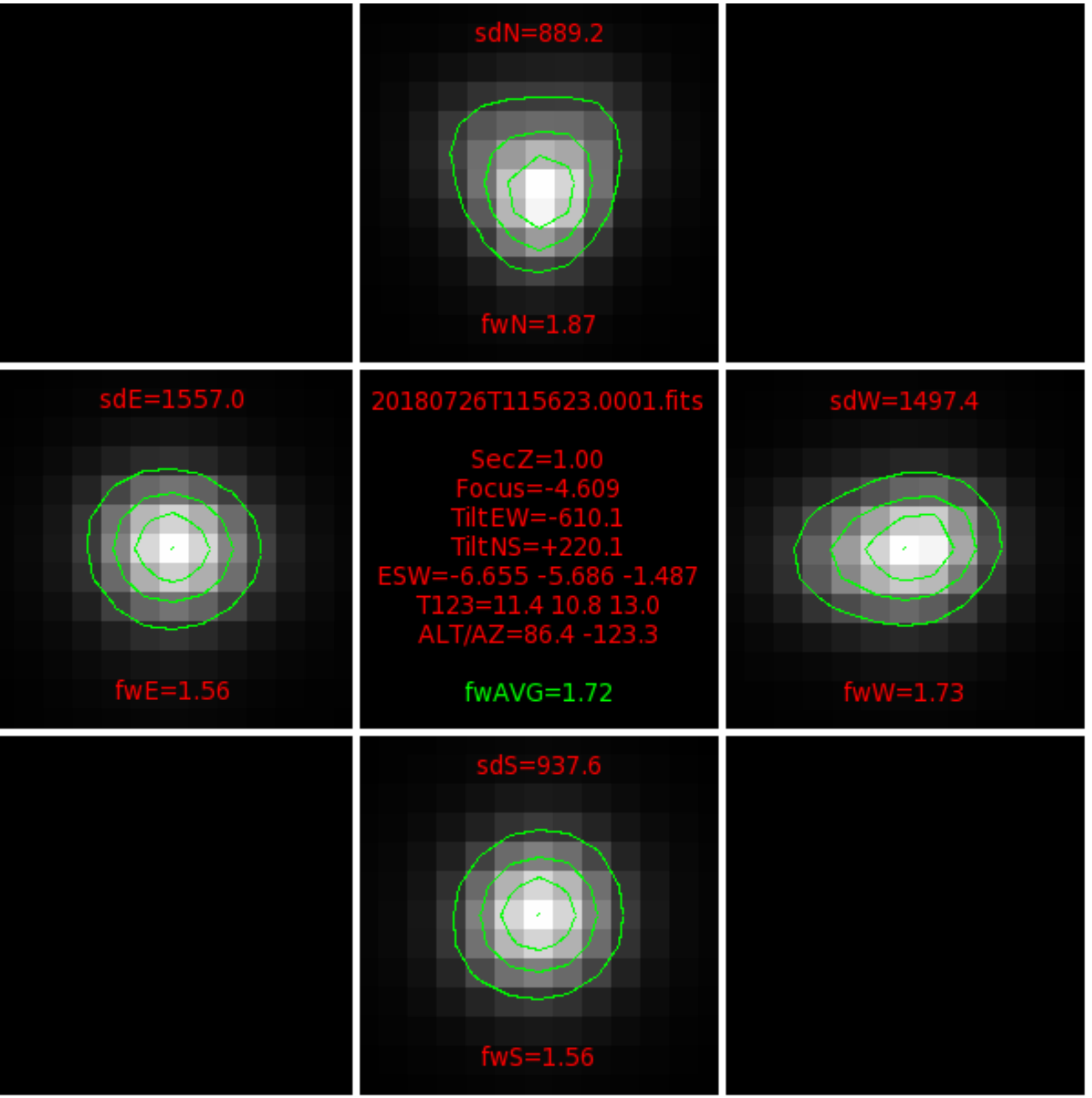

sdN=1497.3
fwN=1.63
sdE=1142.8
fwE=1.33
20180726T114637.0001.fits
SecZ=1.01
Focus=-4.619
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.665 -5.696 -1.497
T123=11.3 11.0 13.1
ALT/AZ=83.6 -130.7
fwAVG=1.45
sdW=1208.4
fwW=1.41
sdS=1555.4
fwS=1.38
0 0 0 0 0 0 0 0 0

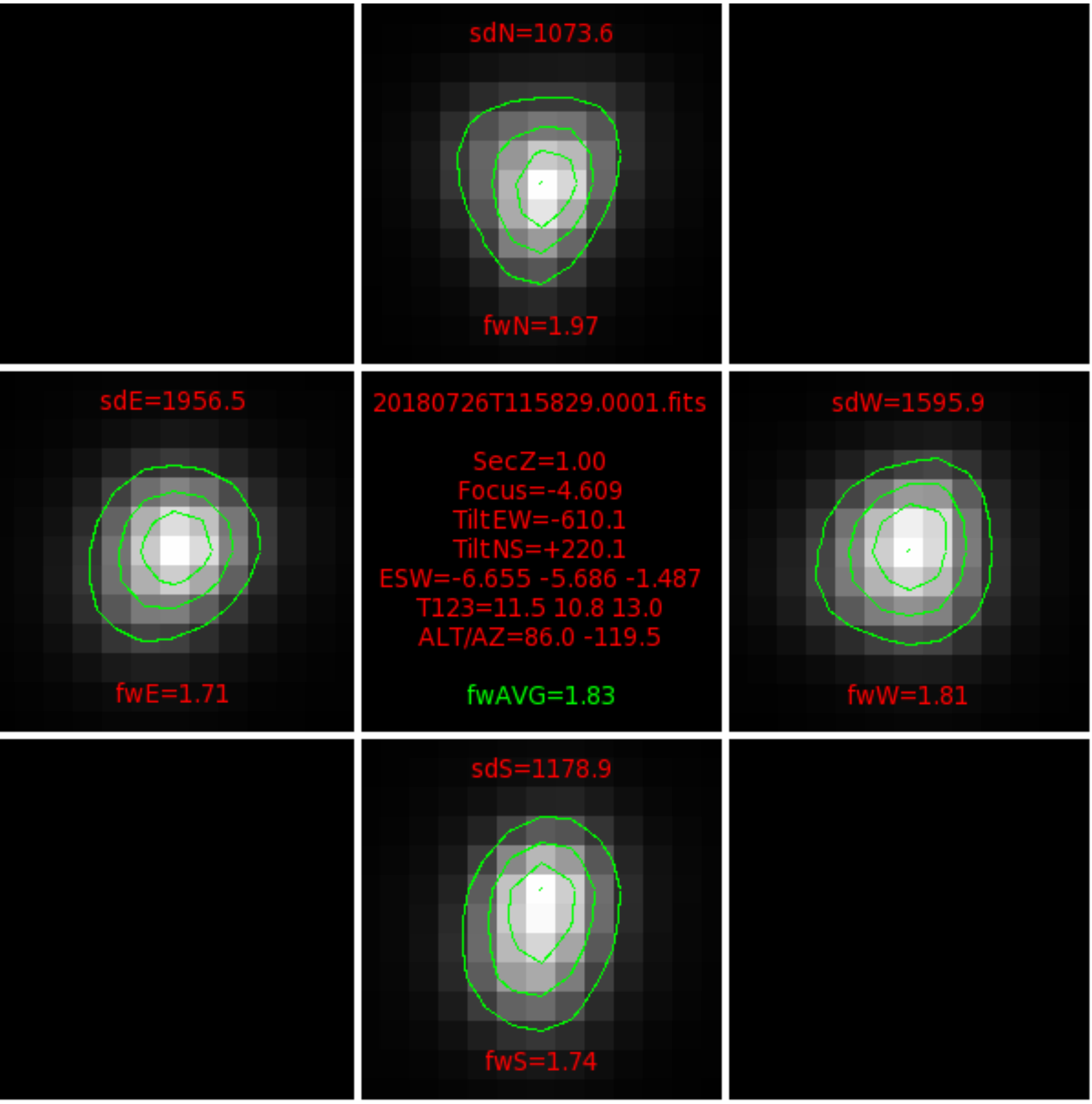

sdN=808.0
fwN=1.65
sdE=1148.8
fwE=1.36
20180726T114858.0001.fits
SecZ=1.00
Focus=-4.619
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.665 -5.696 -1.497
T123=11.3 0.0 13.1
ALT/AZ=84.4 -111.0
fwAVG=1.50
sdW=931.5
fwW=1.49
sdS=1064.8
fwS=1.36
0 0 0 0 0 0 0 0 0

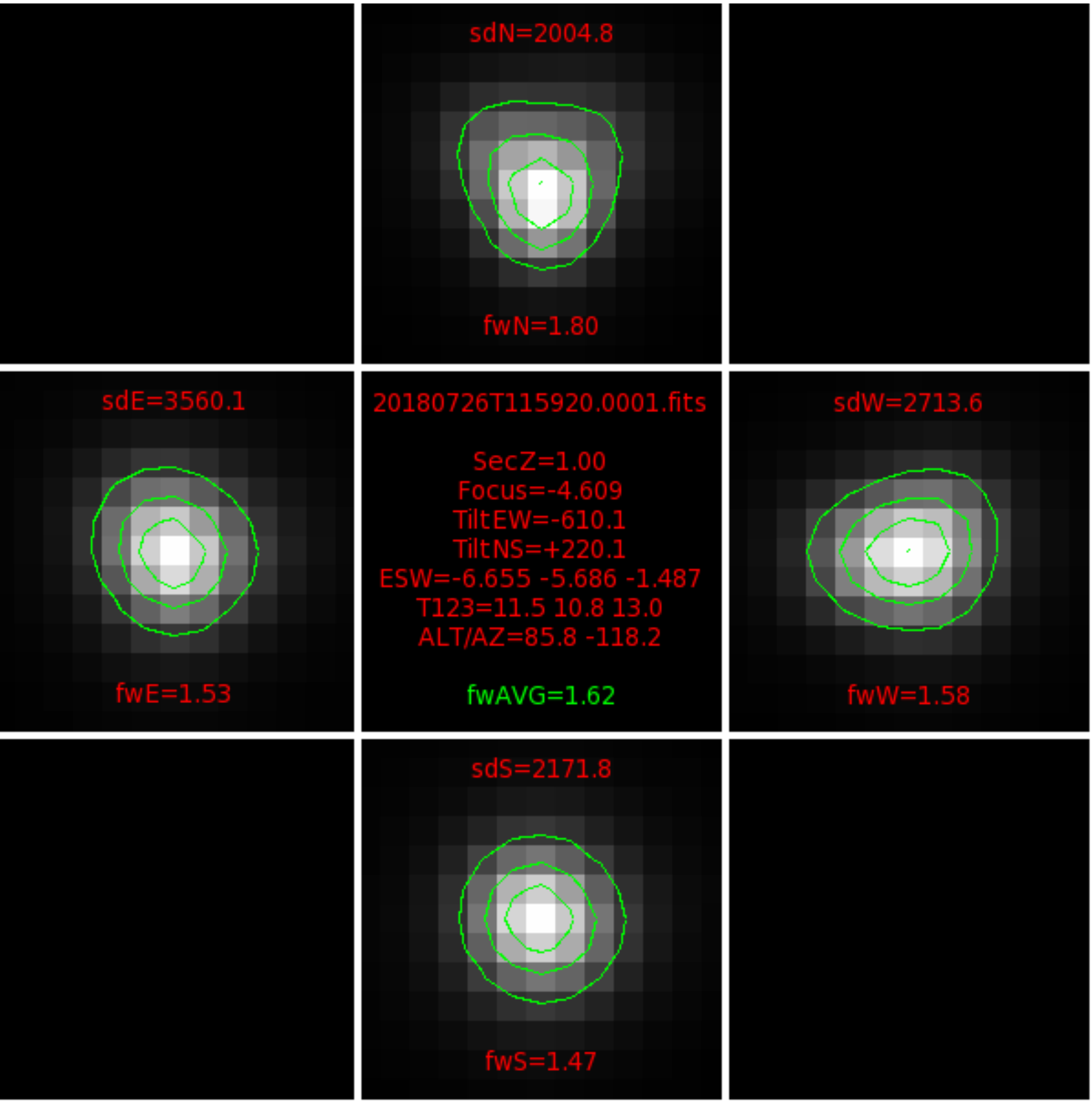

sdN=2087.7
fwN=1.70
sdE=1827.2
fwE=1.40
20180726T115110.0001.fits
SecZ=1.00
Focus=-4.619
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.665 -5.696 -1.497
T123=11.3 10.9 13.1
ALT/AZ=88.2 -87.0
fwAVG=1.52
sdW=2362.3
fwW=1.48
sdS=1812.1
fwS=1.34
0 0 0 0 0 0 0 0 0

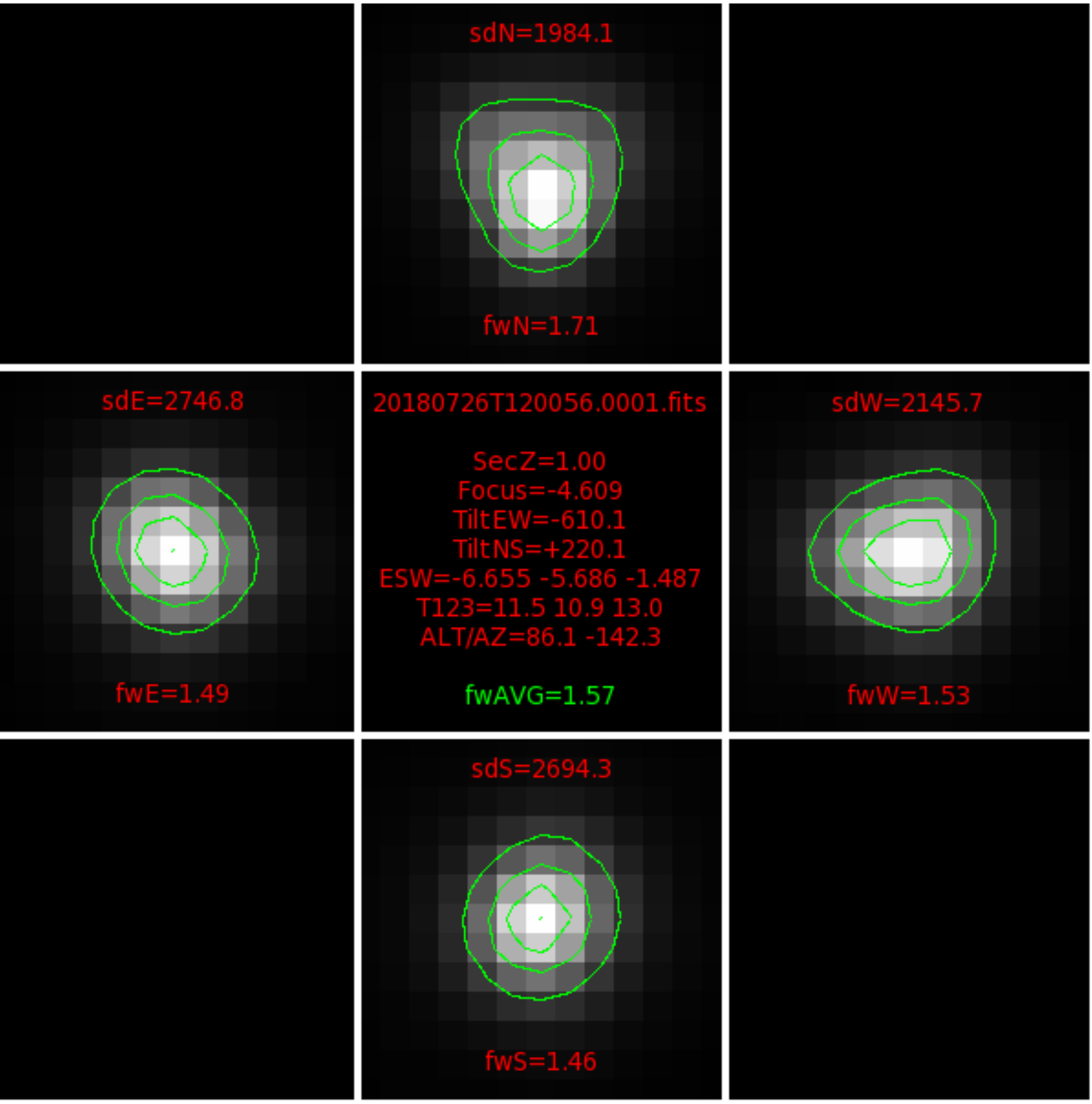

sdN=4164.4
fwN=1.73
sdE=2673.4
fwE=1.42
20180726T115329.0001.fits
SecZ=1.00
Focus=-4.616
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.662 -5.693 -1.494
T123=11.3 10.9 13.0
ALT/AZ=87.7 -87.4
fwAVG=1.52
sdW=1416.9
fwW=1.46
sdS=2279.6
fwS=1.39
0 0 0 0 0 0 0 0 0

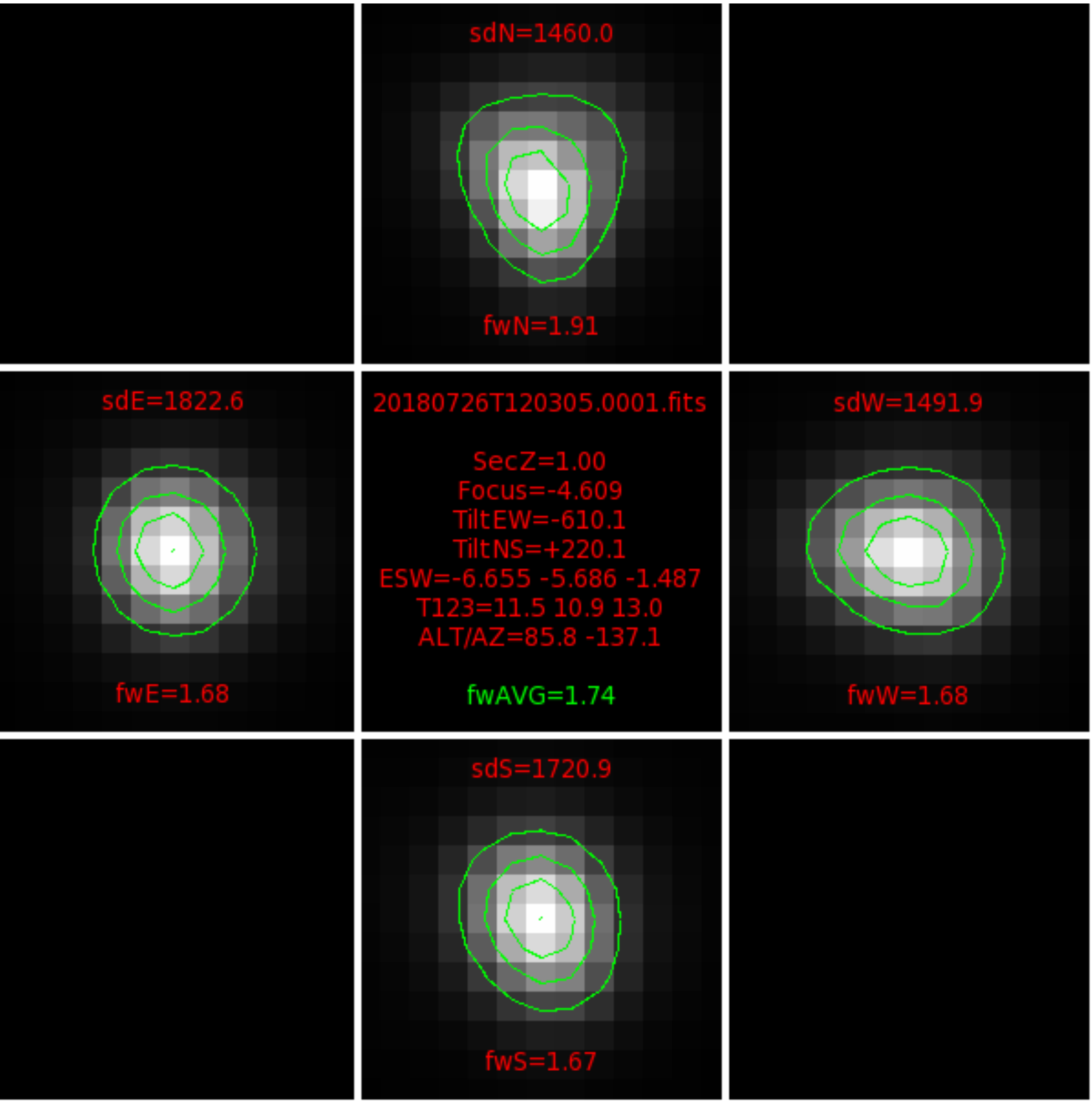

sdN=2042.3
fwN=2.03
sdE=1228.1
fwE=1.61
20180726T115532.0001.fits
SecZ=1.00
Focus=-4.616
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.662 -5.693 -1.494
T123=11.4 10.8 13.0
ALT/AZ=86.5 -125.1
fwAVG=1.72
sdW=925.0
fwW=1.62
sdS=788.0
fwS=1.57
0 0 0 0 0 0 0 0 0

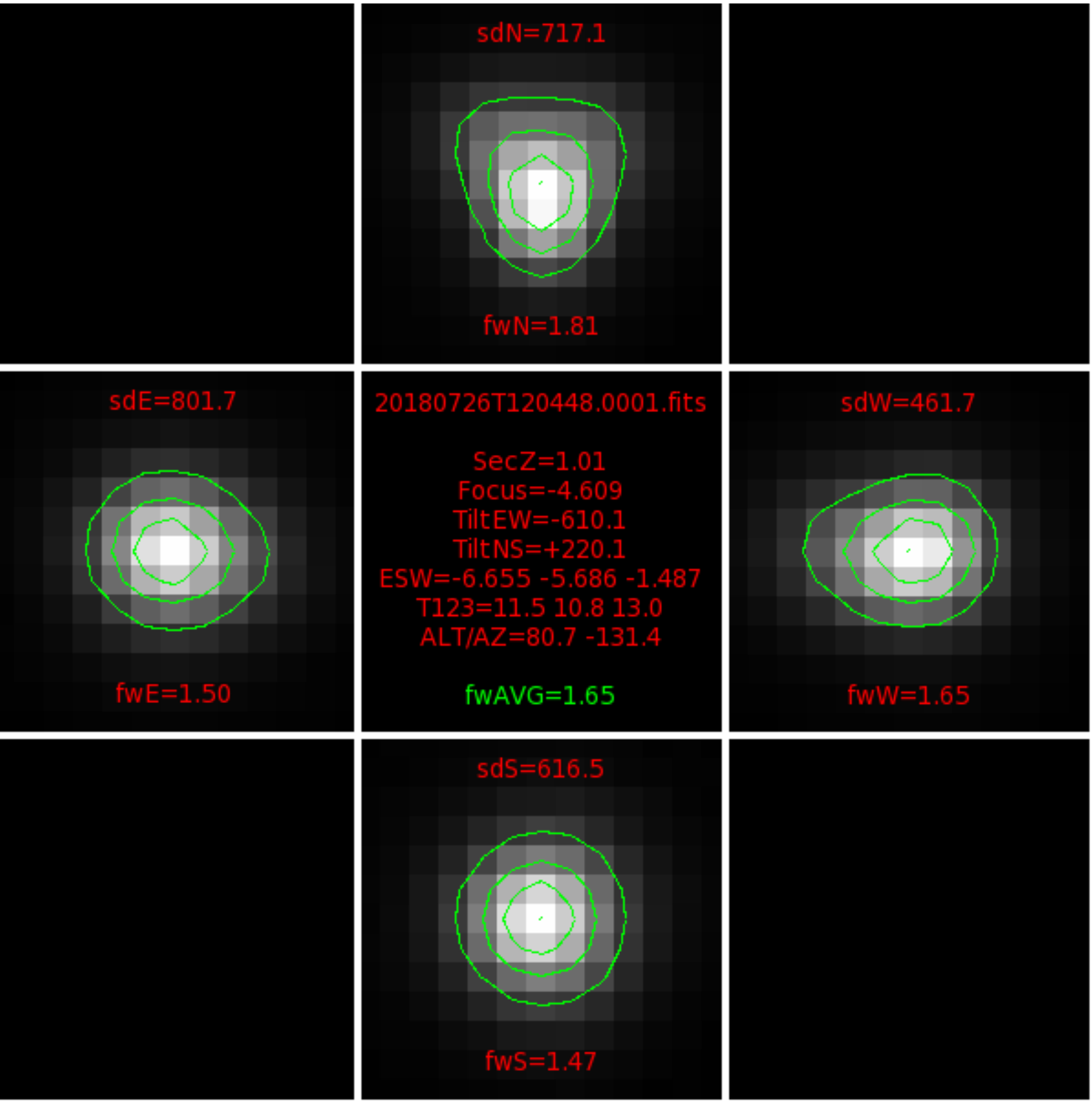

sdN=889.2
fwN=1.87
sdE=1557.0
fwE=1.56
20180726T115623.0001.fits
SecZ=1.00
Focus=-4.609
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.655 -5.686 -1.487
T123=11.4 10.8 13.0
ALT/AZ=86.4 -123.3
fwAVG=1.72
sdW=1497.4
fwW=1.73
sdS=937.6
fwS=1.56
0 0 0 0 0 0 0 0 0

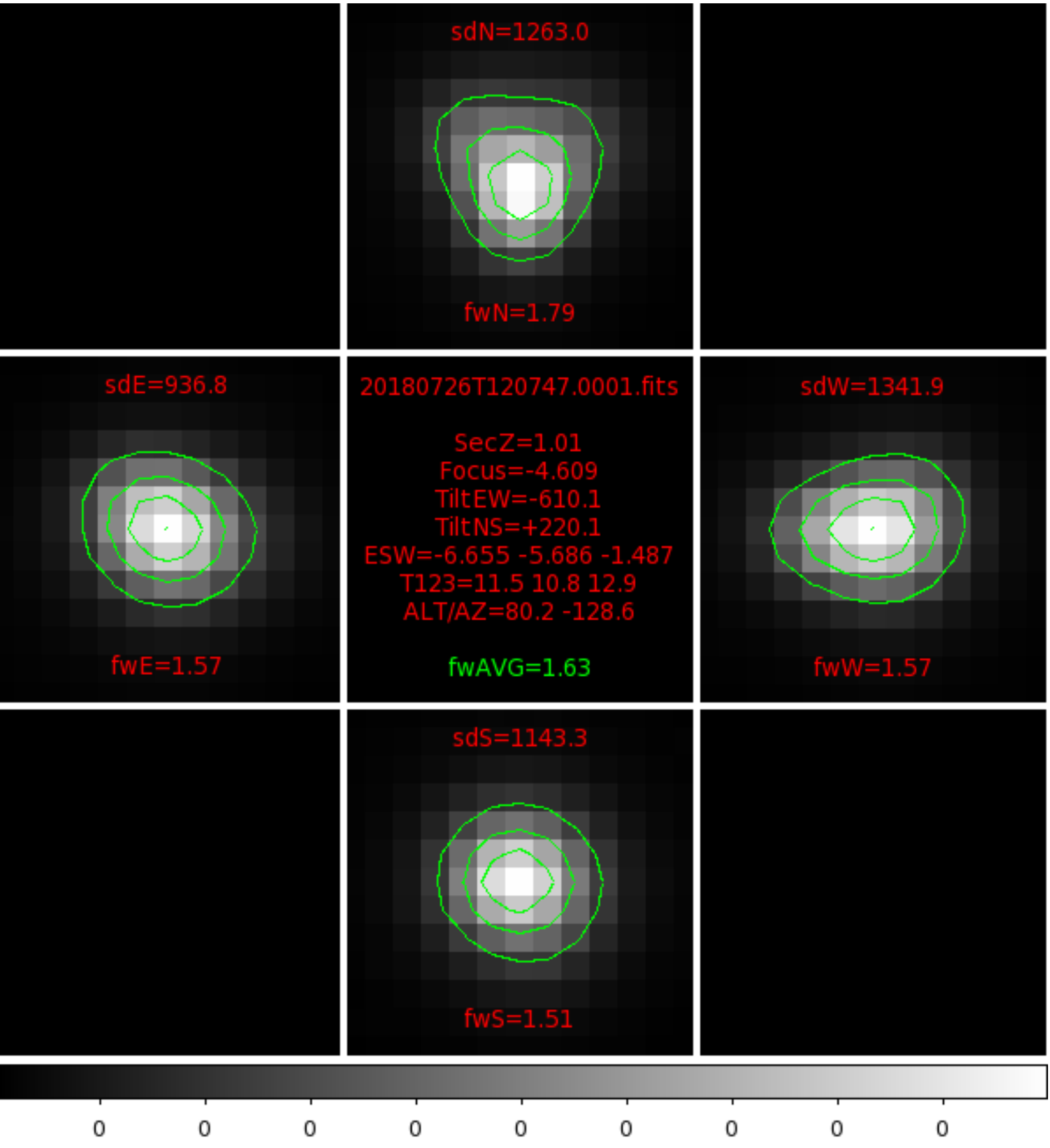

sdN=1073.6
fwN=1.97
sdE=1956.5
fwE=1.71
20180726T115829.0001.fits
SecZ=1.00
Focus=-4.609
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.655 -5.686 -1.487
T123=11.5 10.8 13.0
ALT/AZ=86.0 -119.5
fwAVG=1.83
sdW=1595.9
fwW=1.81
sdS=1178.9
fwS=1.74
0 0 0 0 0 0 0 0 0

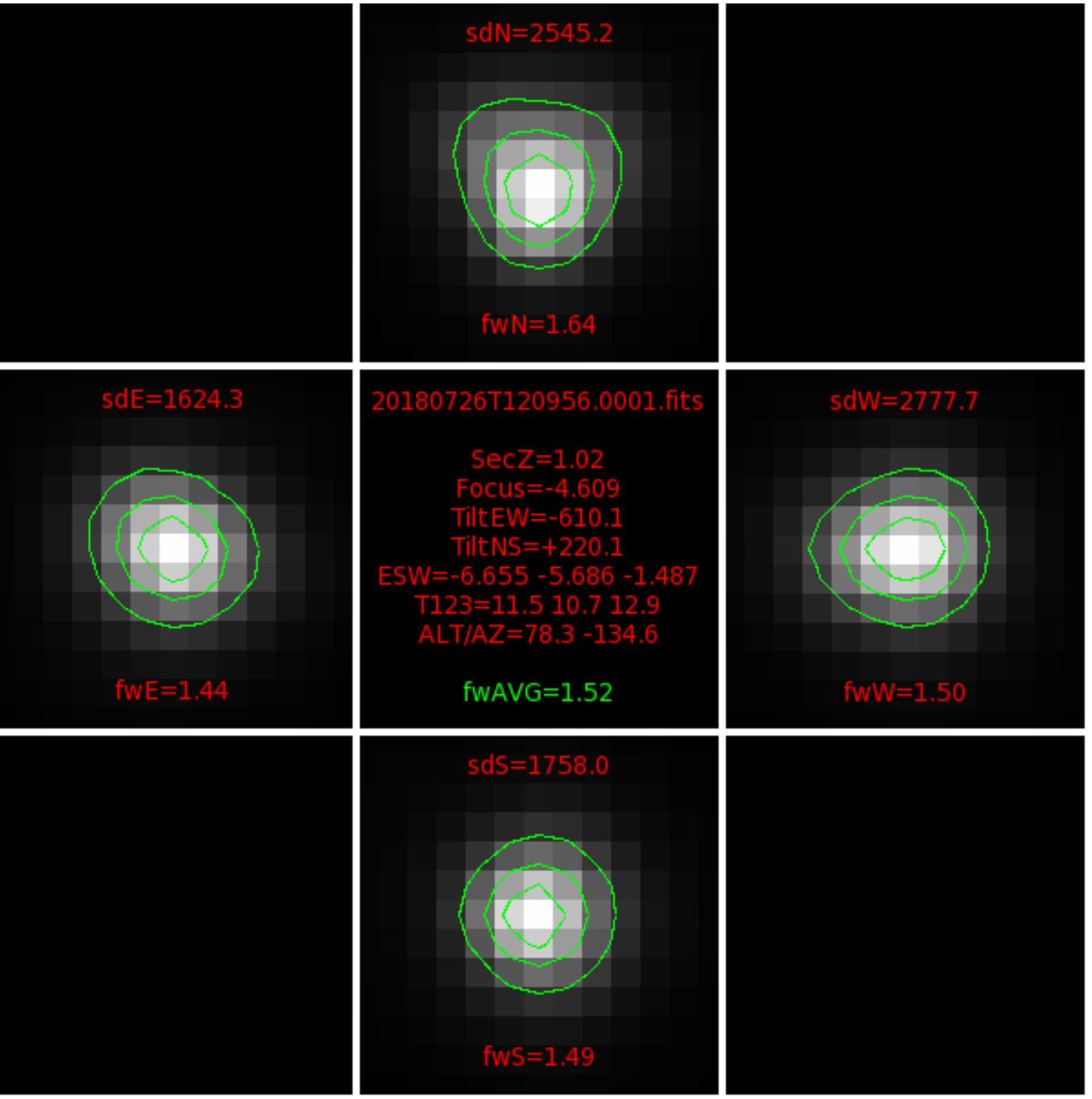

sdN=2004.8
fwN=1.80
sdE=3560.1
fwE=1.53
20180726T115920.0001.fits
SecZ=1.00
Focus=-4.609
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.655 -5.686 -1.487
T123=11.5 10.8 13.0
ALT/AZ=85.8 -118.2
fwAVG=1.62
sdW=2713.6
fwW=1.58
sdS=2171.8
fwS=1.47
0 0 0 0 0 0 0 0 0

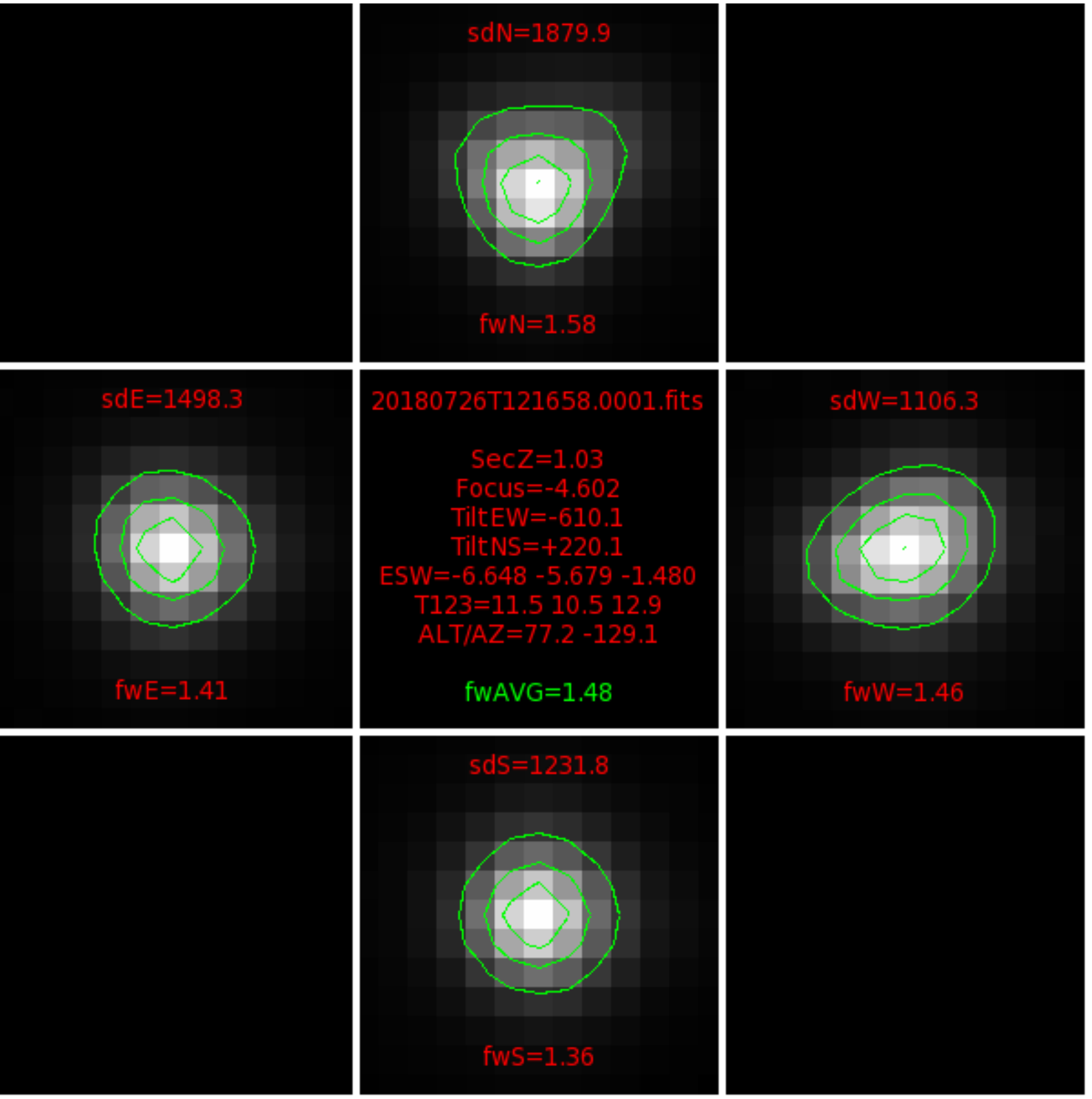

sdN=1984.1
fwN=1.71
sdE=2746.8
fwE=1.49
20180726T120056.0001.fits
SecZ=1.00
Focus=-4.609
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.655 -5.686 -1.487
T123=11.5 10.9 13.0
ALT/AZ=86.1 -142.3
fwAVG=1.57
sdW=2145.7
fwW=1.53
sdS=2694.3
fwS=1.46
0 0 0 0 0 0 0 0 0

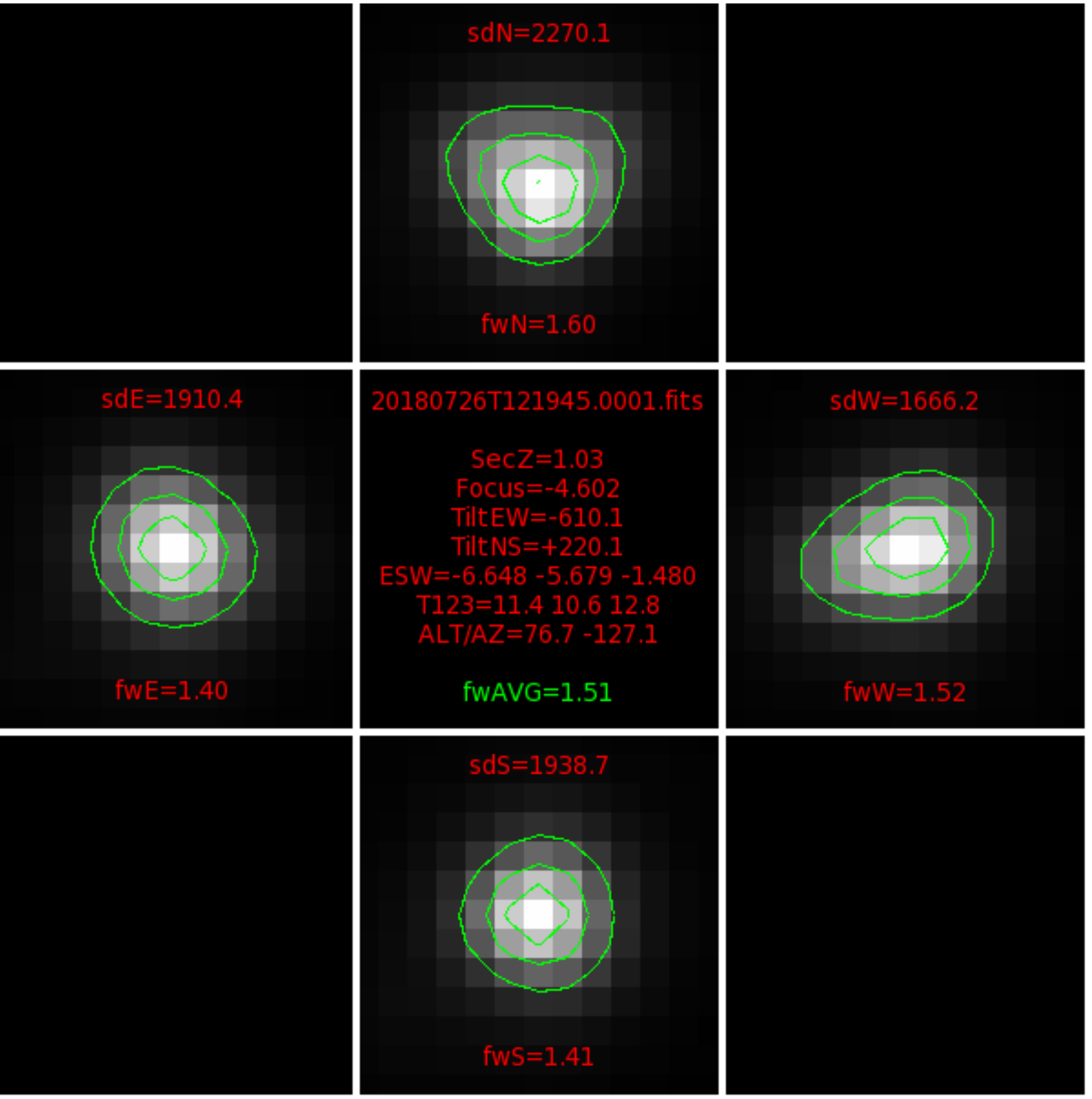

sdN=1460.0
fwN=1.91
sdE=1822.6
fwE=1.68
20180726T120305.0001.fits
SecZ=1.00
Focus=-4.609
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.655 -5.686 -1.487
T123=11.5 10.9 13.0
ALT/AZ=85.8 -137.1
fwAVG=1.74
sdW=1491.9
fwW=1.68
sdS=1720.9
fwS=1.67
0 0 0 0 0 0 0 0 0

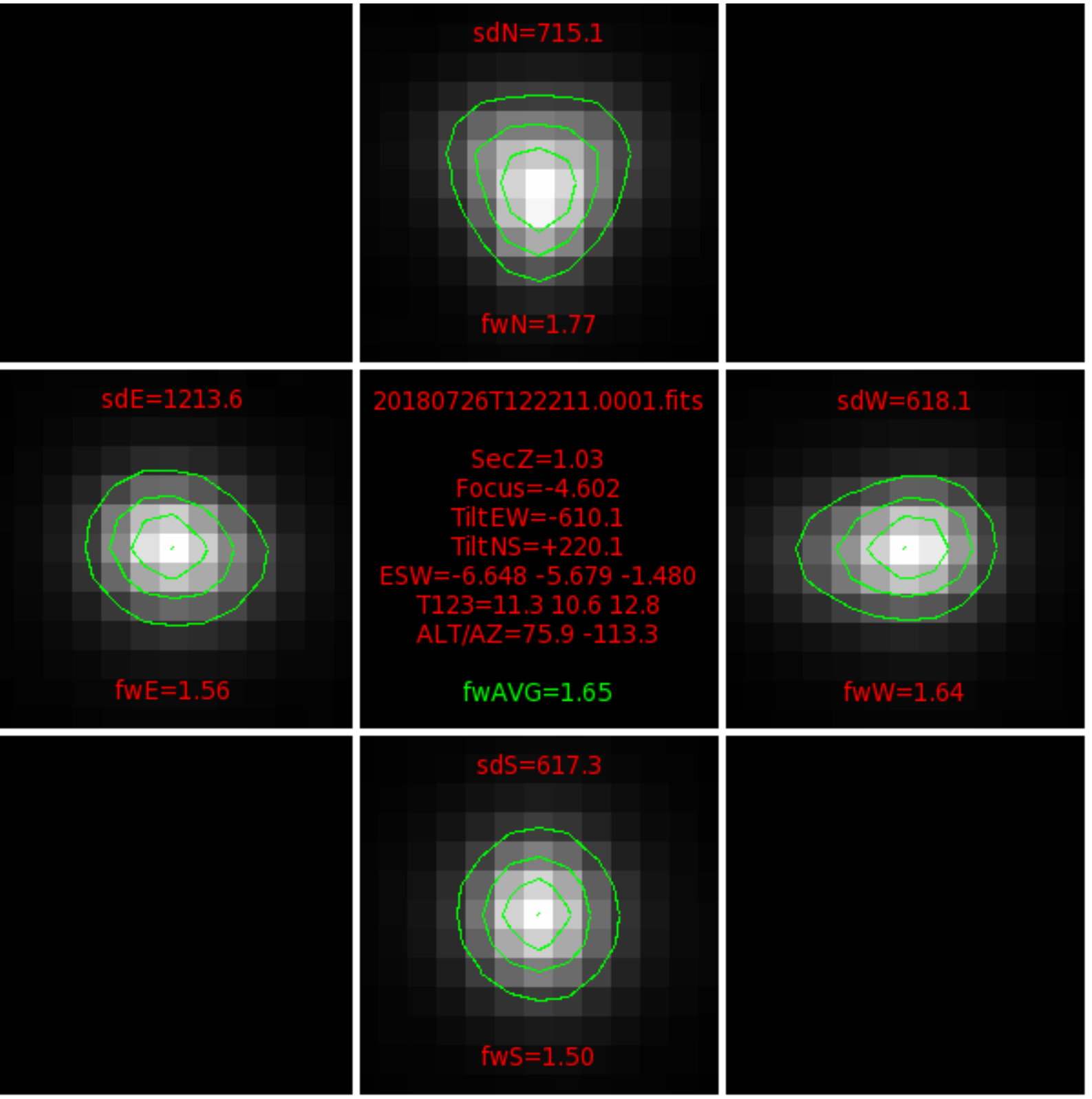

sdN=717.1
fwN=1.81
sdE=801.7
fwE=1.50
20180726T120448.0001.fits
SecZ=1.01
Focus=-4.609
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.655 -5.686 -1.487
T123=11.5 10.8 13.0
ALT/AZ=80.7 -131.4
fwAVG=1.65
sdW=461.7
fwW=1.65
sdS=616.5
fwS=1.47
0 0 0 0 0 0 0 0 0

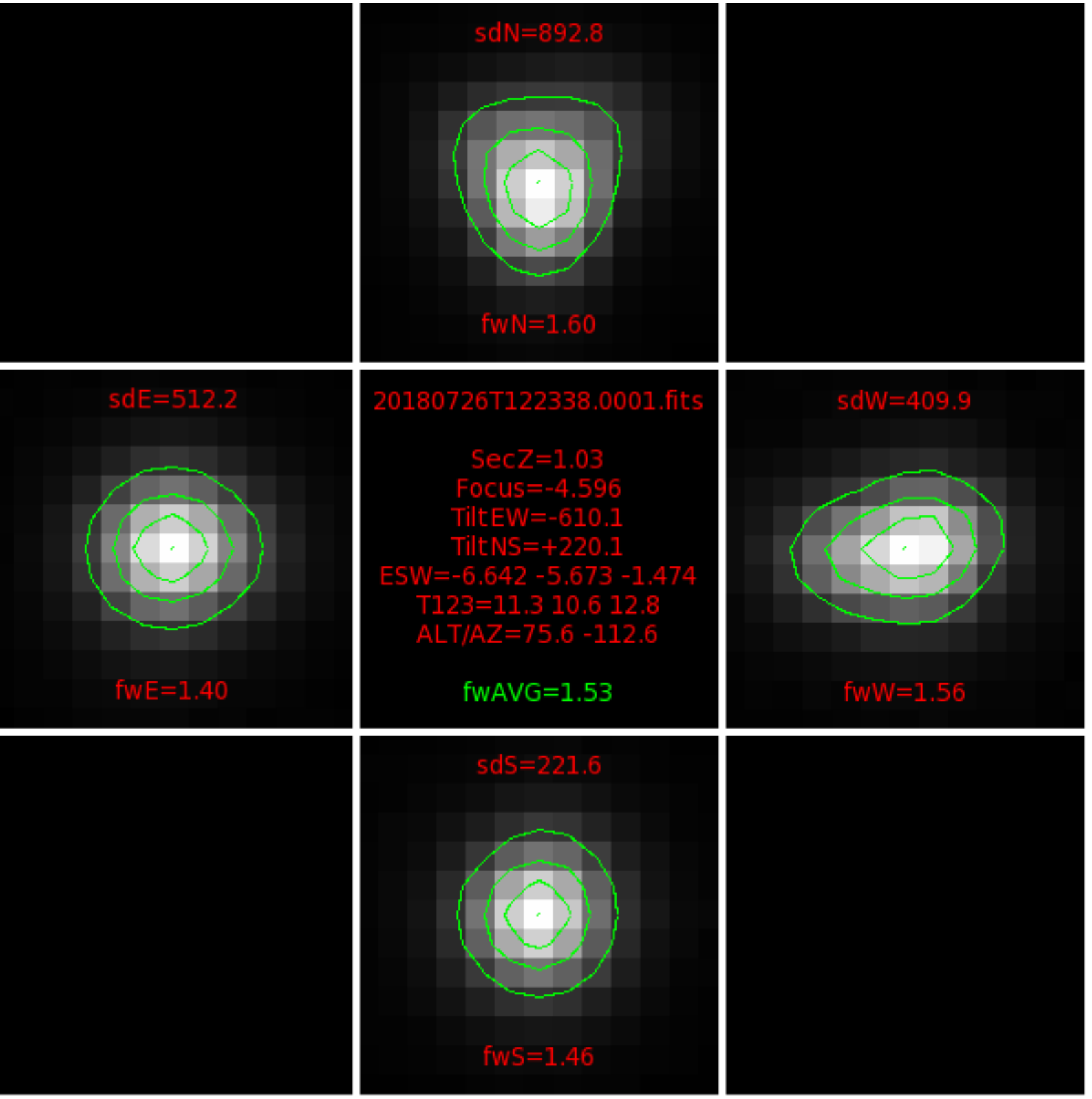

sdN=1263.0
fwN=1.79
sdE=936.8
fwE=1.57
20180726T120747.0001.fits
SecZ=1.01
Focus=-4.609
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.655 -5.686 -1.487
T123=11.5 10.8 12.9
ALT/AZ=80.2 -128.6
fwAVG=1.63
sdW=1341.9
fwW=1.57
sdS=1143.3
fwS=1.51
0 0 0 0 0 0 0 0 0

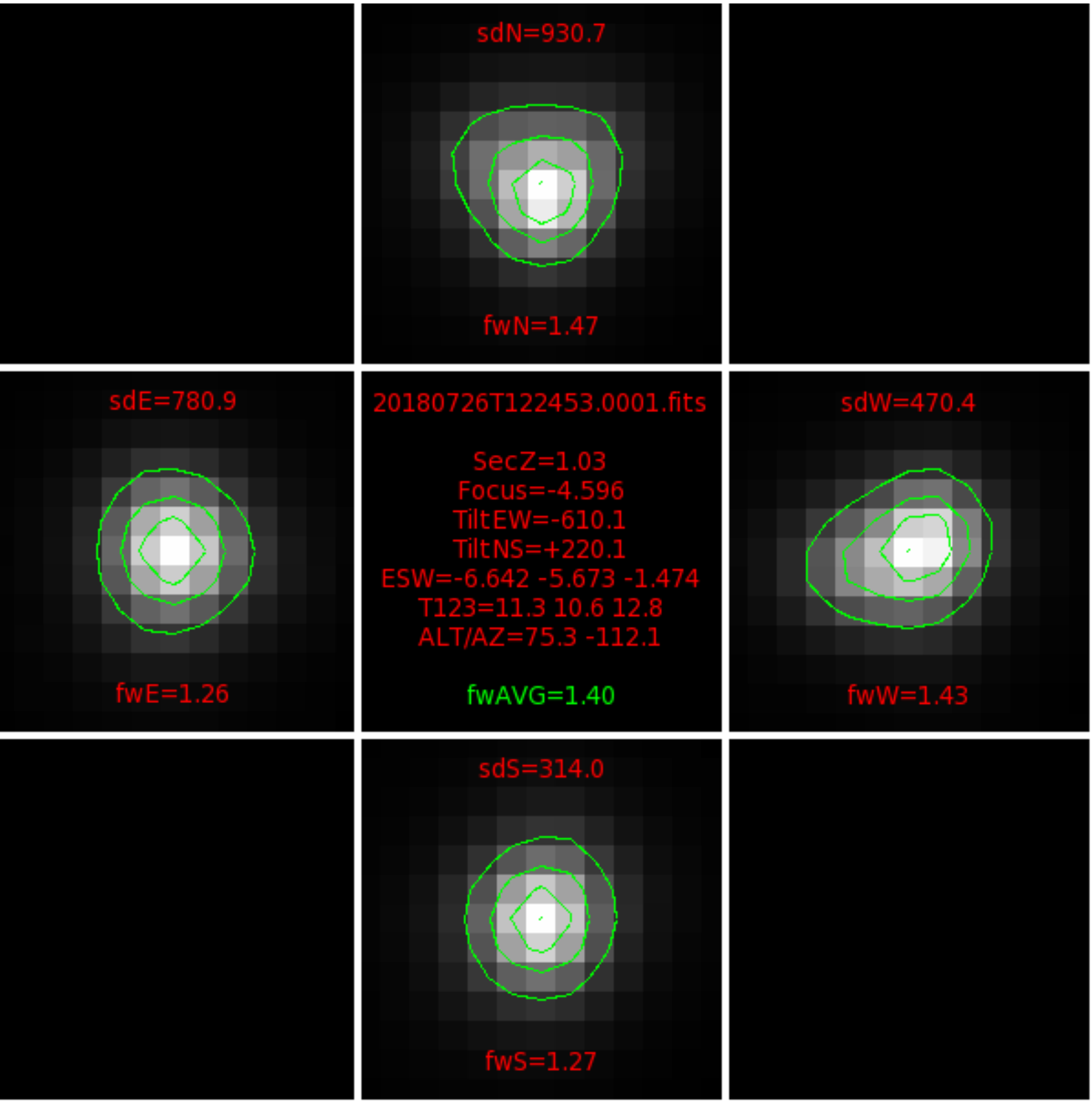

sdN=2545.2
fwN=1.64
sdE=1624.3
fwE=1.44
20180726T120956.0001.fits
SecZ=1.02
Focus=-4.609
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.655 -5.686 -1.487
T123=11.5 10.7 12.9
ALT/AZ=78.3 -134.6
fwAVG=1.52
sdW=2777.7
fwW=1.50
sdS=1758.0
fwS=1.49
0 0 0 0 0 0 0 0 0

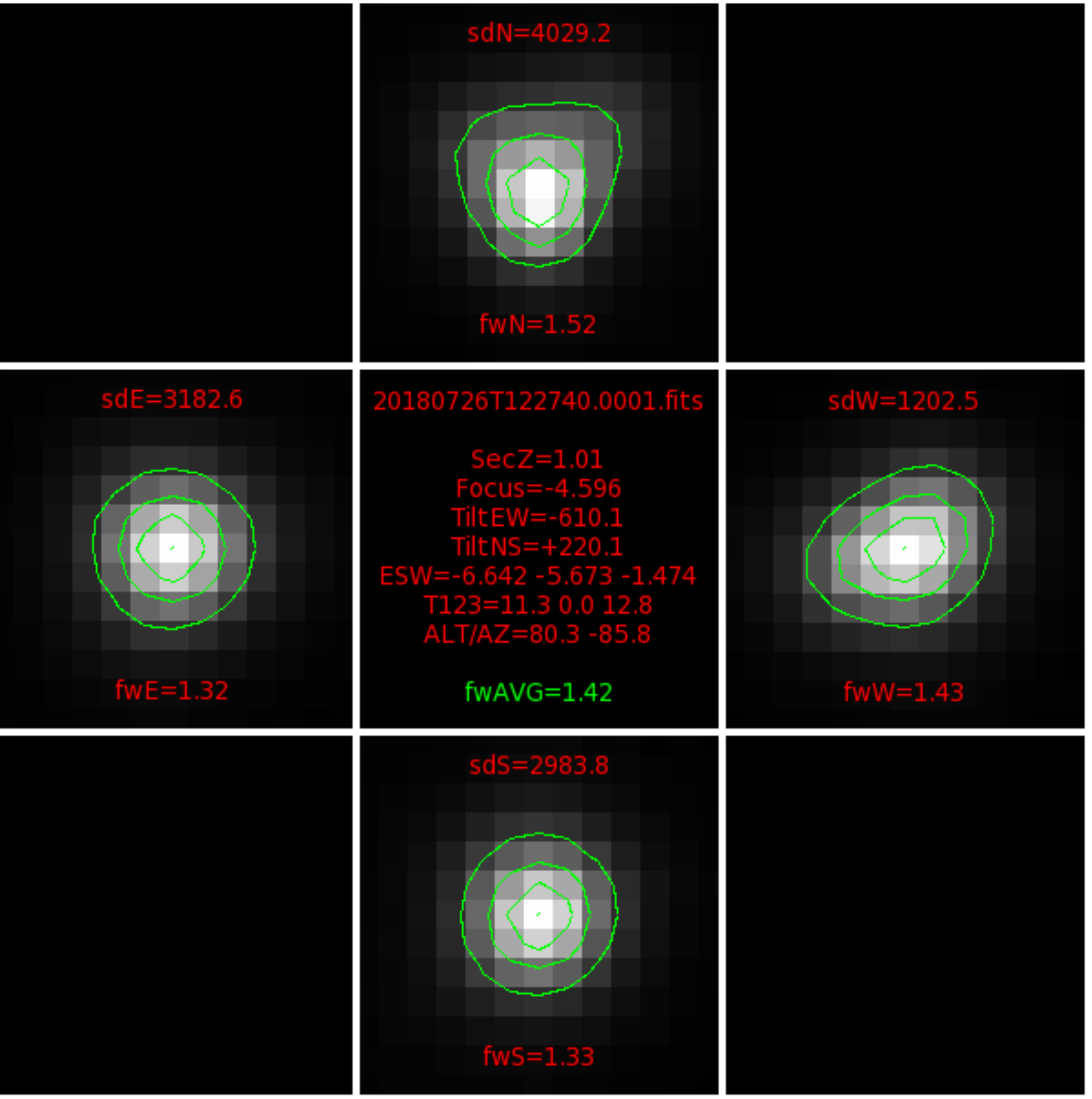

sdN=1879.9
fwN=1.58
sdE=1498.3
fwE=1.41
20180726T121658.0001.fits
SecZ=1.03
Focus=-4.602
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.648 -5.679 -1.480
T123=11.5 10.5 12.9
ALT/AZ=77.2 -129.1
fwAVG=1.48
sdW=1106.3
fwW=1.46
sdS=1231.8
fwS=1.36
0 0 0 0 0 0 0 0 0

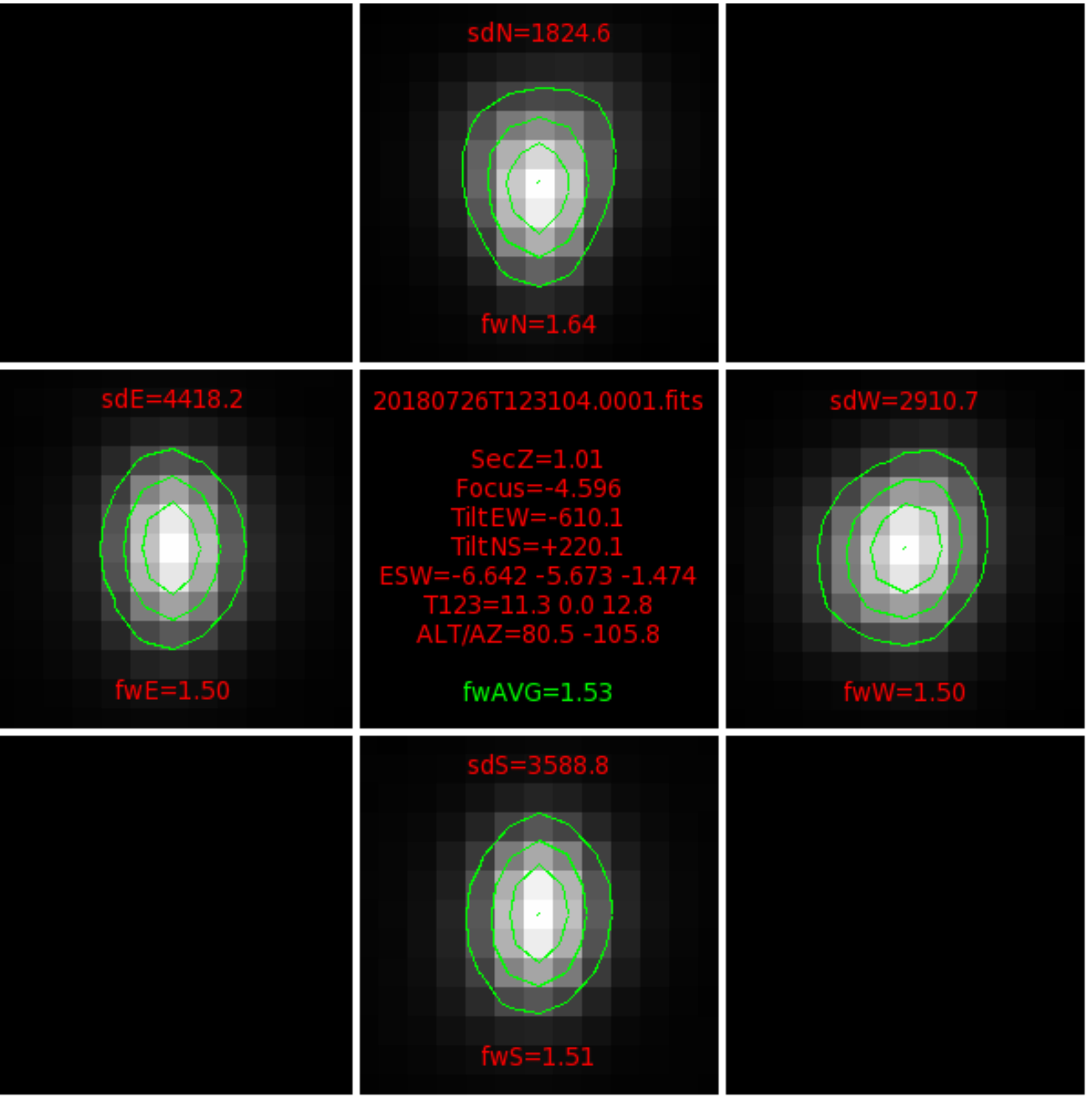

sdN=2270.1
fwN=1.60
sdE=1910.4
fwE=1.40
20180726T121945.0001.fits
SecZ=1.03
Focus=-4.602
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.648 -5.679 -1.480
T123=11.4 10.6 12.8
ALT/AZ=76.7 -127.1
fwAVG=1.51
sdW=1666.2
fwW=1.52
sdS=1938.7
fwS=1.41
0 0 0 0 0 0 0 0 0

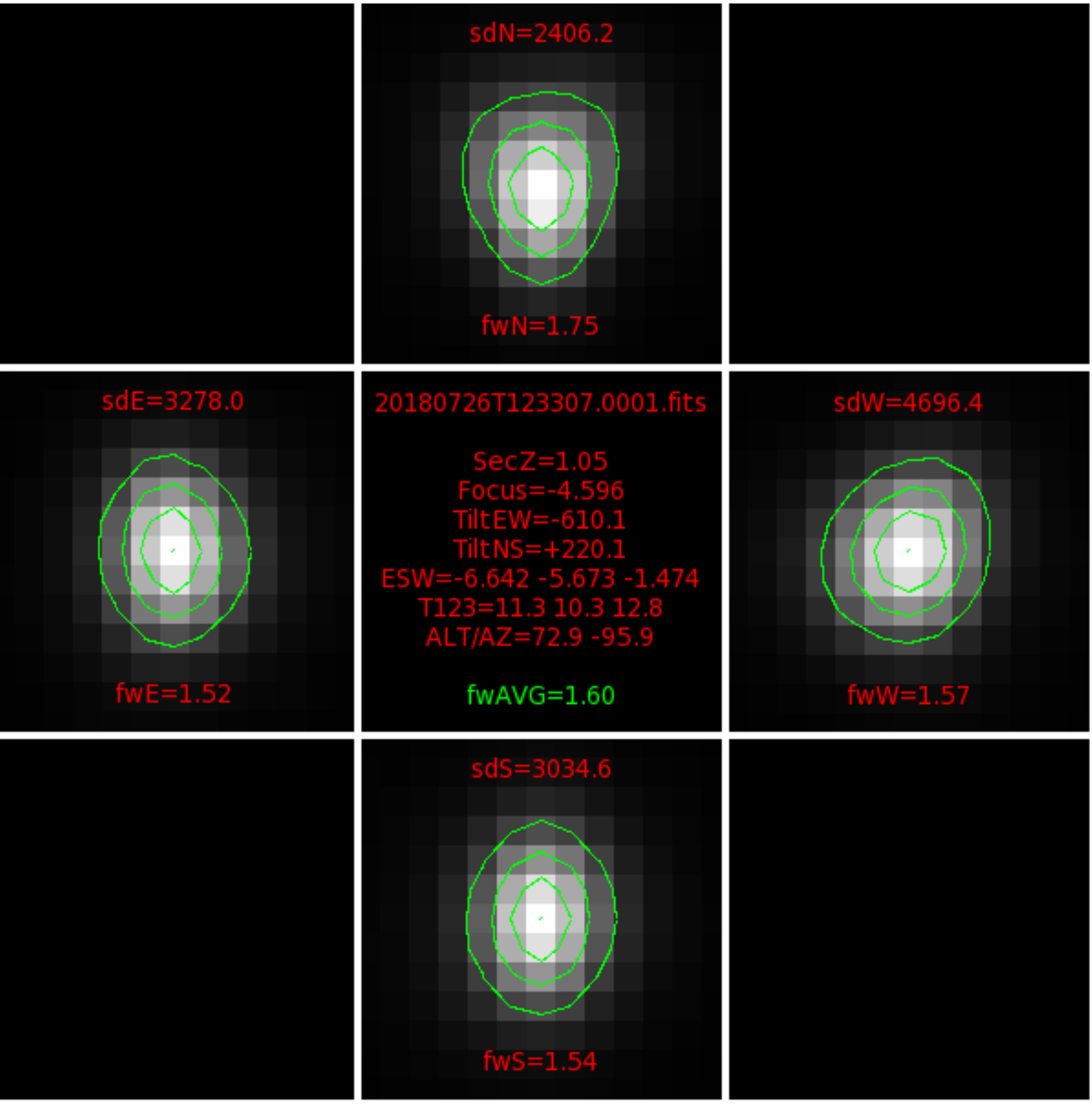

sdN=715.1
fwN=1.77
sdE=1213.6
fwE=1.56
20180726T122211.0001.fits
SecZ=1.03
Focus=-4.602
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.648 -5.679 -1.480
T123=11.3 10.6 12.8
ALT/AZ=75.9 -113.3
fwAVG=1.65
sdW=618.1
fwW=1.64
sdS=617.3
fwS=1.50
0 0 0 0 0 0 0 0 0

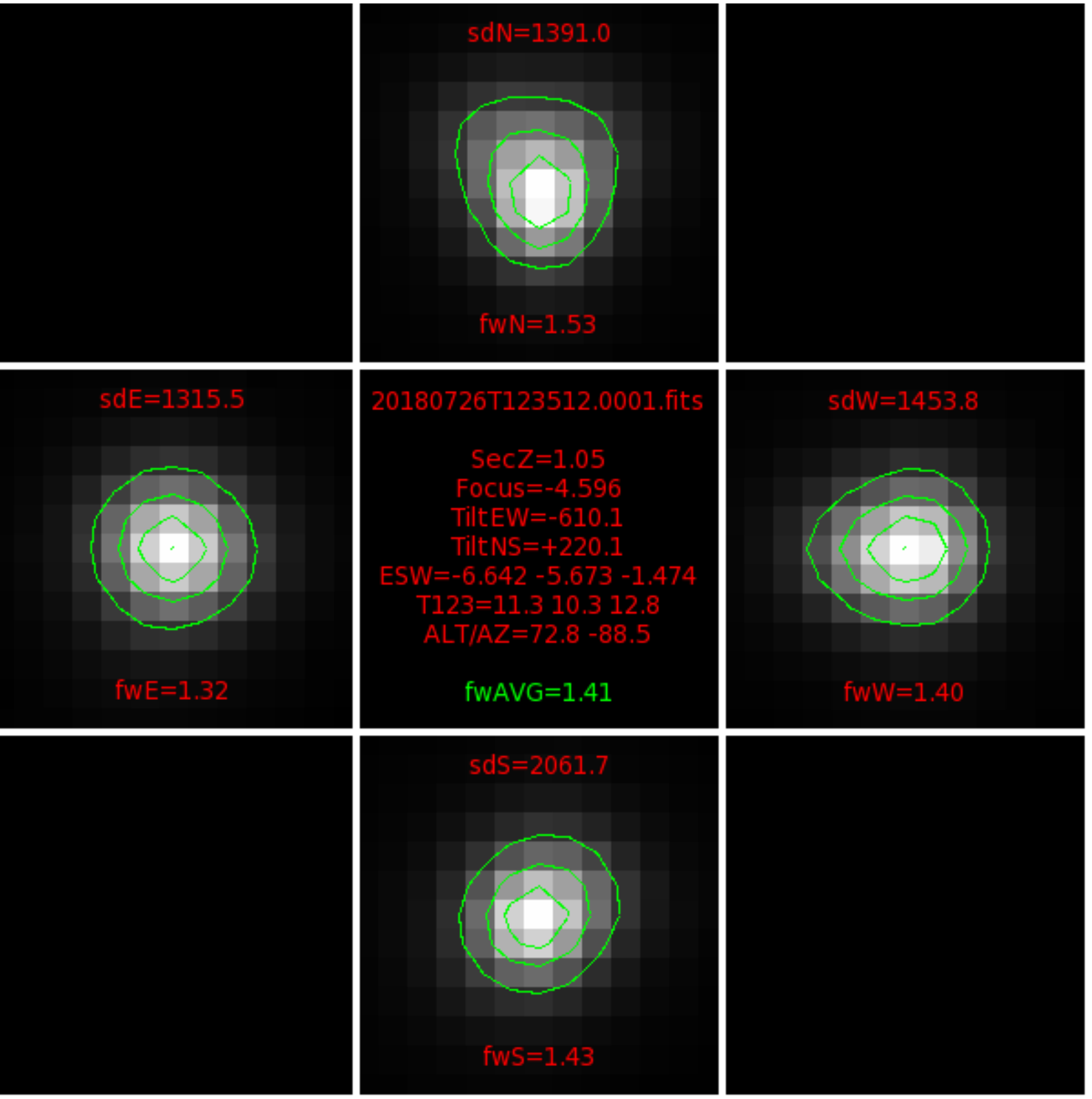

sdN=892.8
fwN=1.60
sdE=512.2
fwE=1.40
20180726T122338.0001.fits
SecZ=1.03
Focus=-4.596
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.642 -5.673 -1.474
T123=11.3 10.6 12.8
ALT/AZ=75.6 -112.6
fwAVG=1.53
sdW=409.9
fwW=1.56
sdS=221.6
fwS=1.46
0 0 0 0 0 0 0 0 0

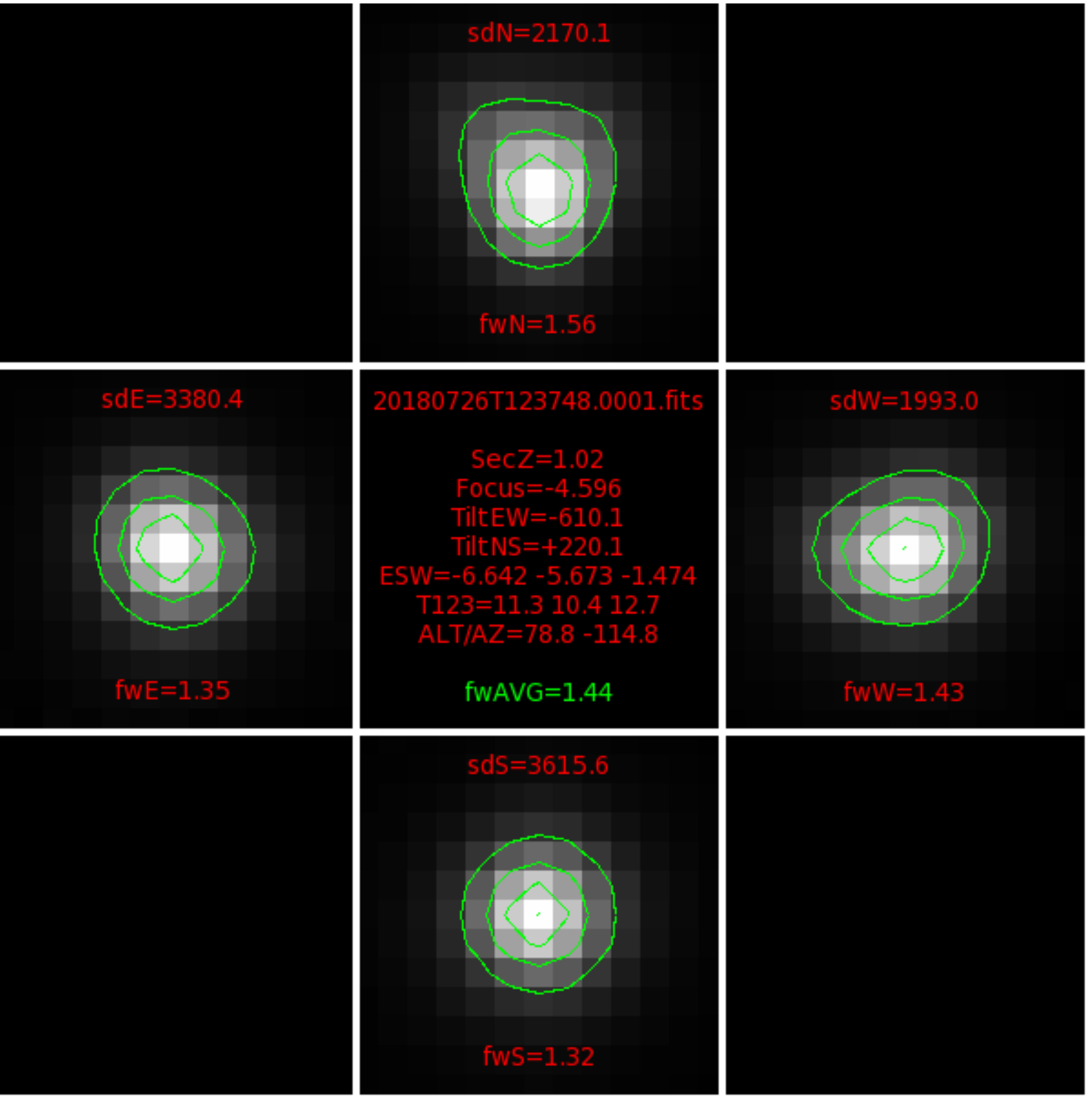

sdN=930.7
fwN=1.47
sdE=780.9
fwE=1.26
20180726T122453.0001.fits
SecZ=1.03
Focus=-4.596
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.642 -5.673 -1.474
T123=11.3 10.6 12.8
ALT/AZ=75.3 -112.1
fwAVG=1.40
sdW=470.4
fwW=1.43
sdS=314.0
fwS=1.27
0 0 0 0 0 0 0 0 0

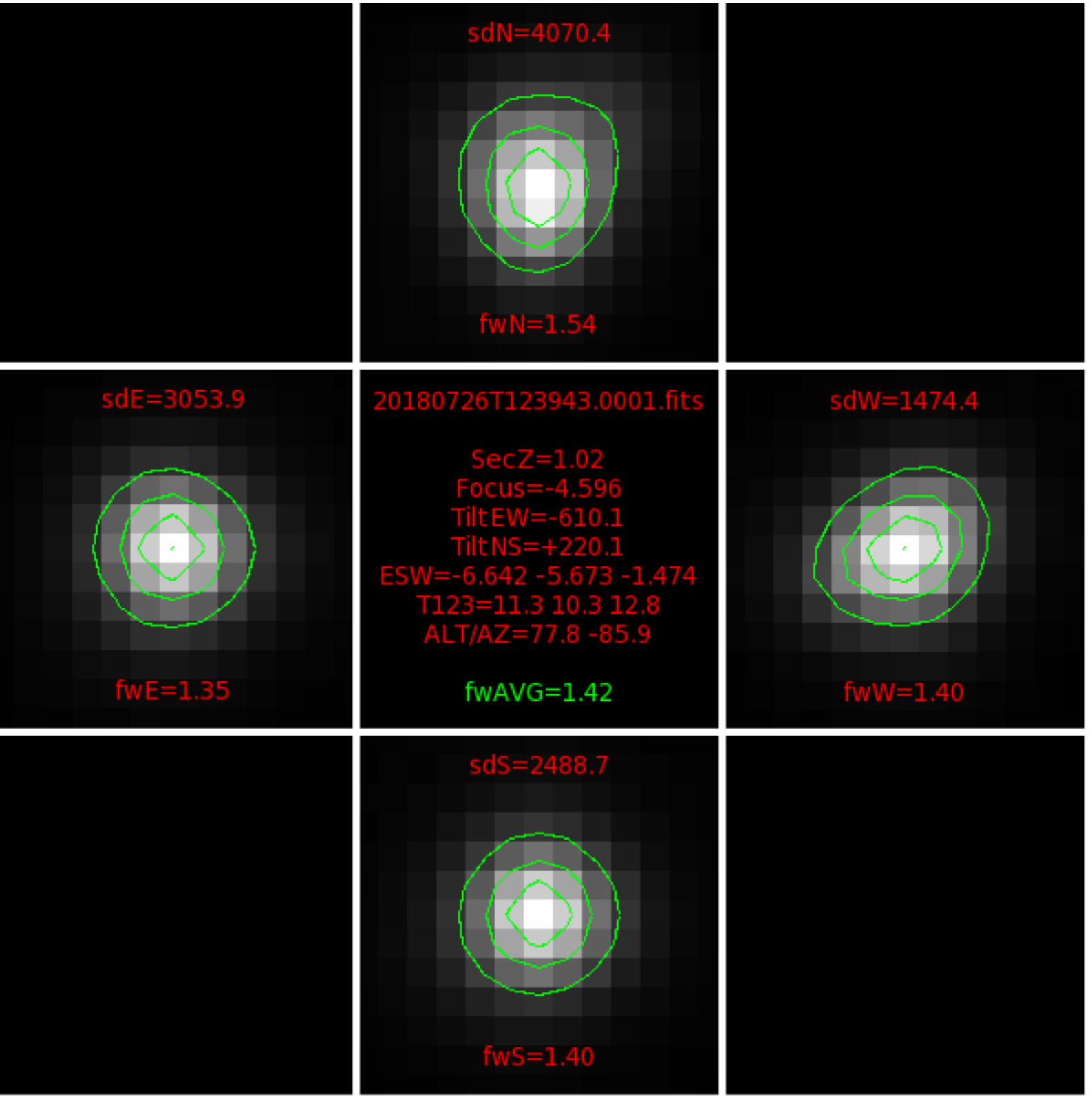

sdN=4029.2
fwN=1.52
sdE=3182.6
fwE=1.32
20180726T122740.0001.fits
SecZ=1.01
Focus=-4.596
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.642 -5.673 -1.474
T123=11.3 0.0 12.8
ALT/AZ=80.3 -85.8
fwAVG=1.42
sdW=1202.5
fwW=1.43
sdS=2983.8
fwS=1.33
0 0 0 0 0 0 0 0 0

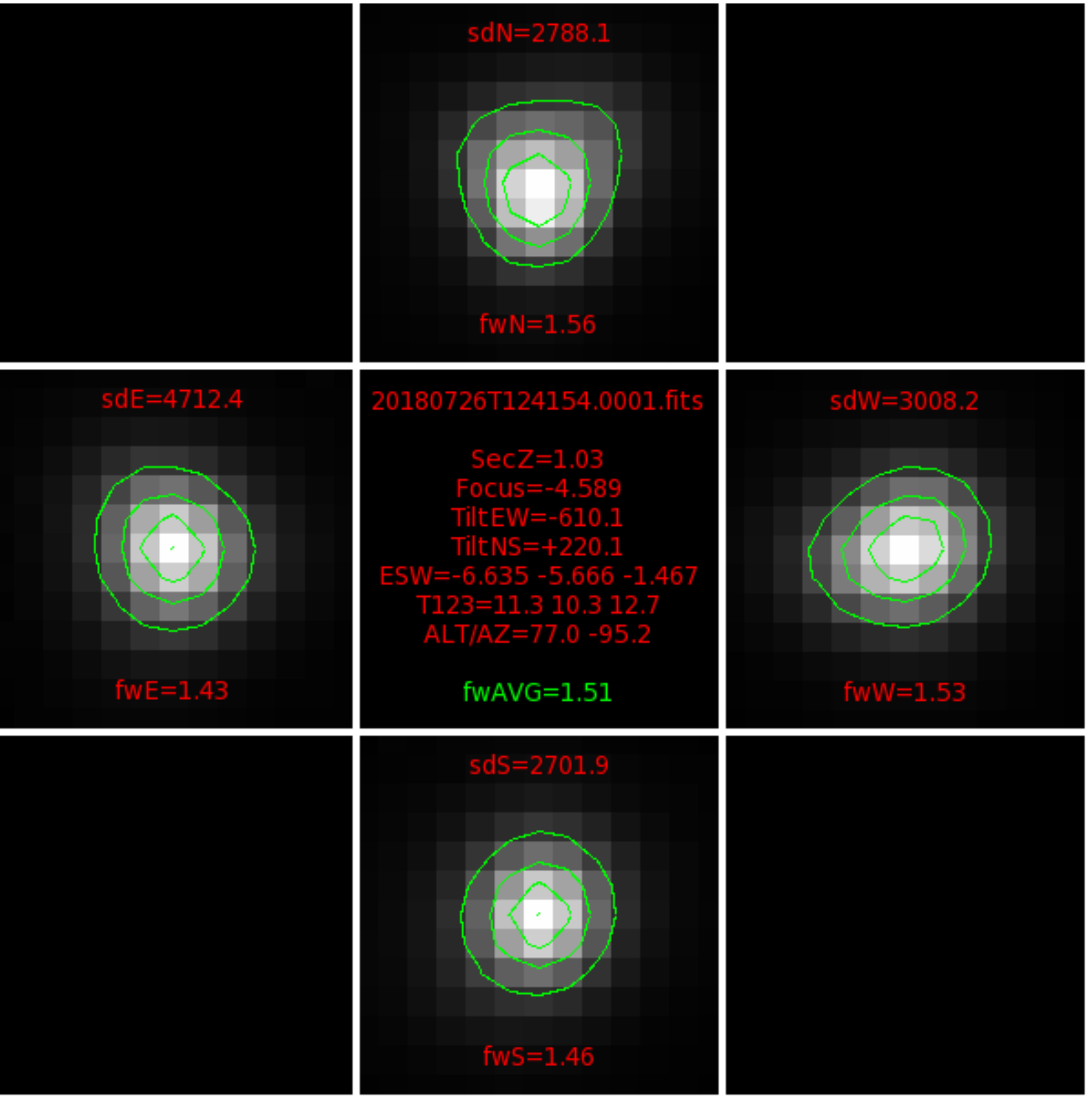

sdN=1824.6
fwN=1.64
sdE=4418.2
fwE=1.50
20180726T123104.0001.fits
SecZ=1.01
Focus=-4.596
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.642 -5.673 -1.474
T123=11.3 0.0 12.8
ALT/AZ=80.5 -105.8
fwAVG=1.53
sdW=2910.7
fwW=1.50
sdS=3588.8
fwS=1.51
0 0 0 0 0 0 0 0 0

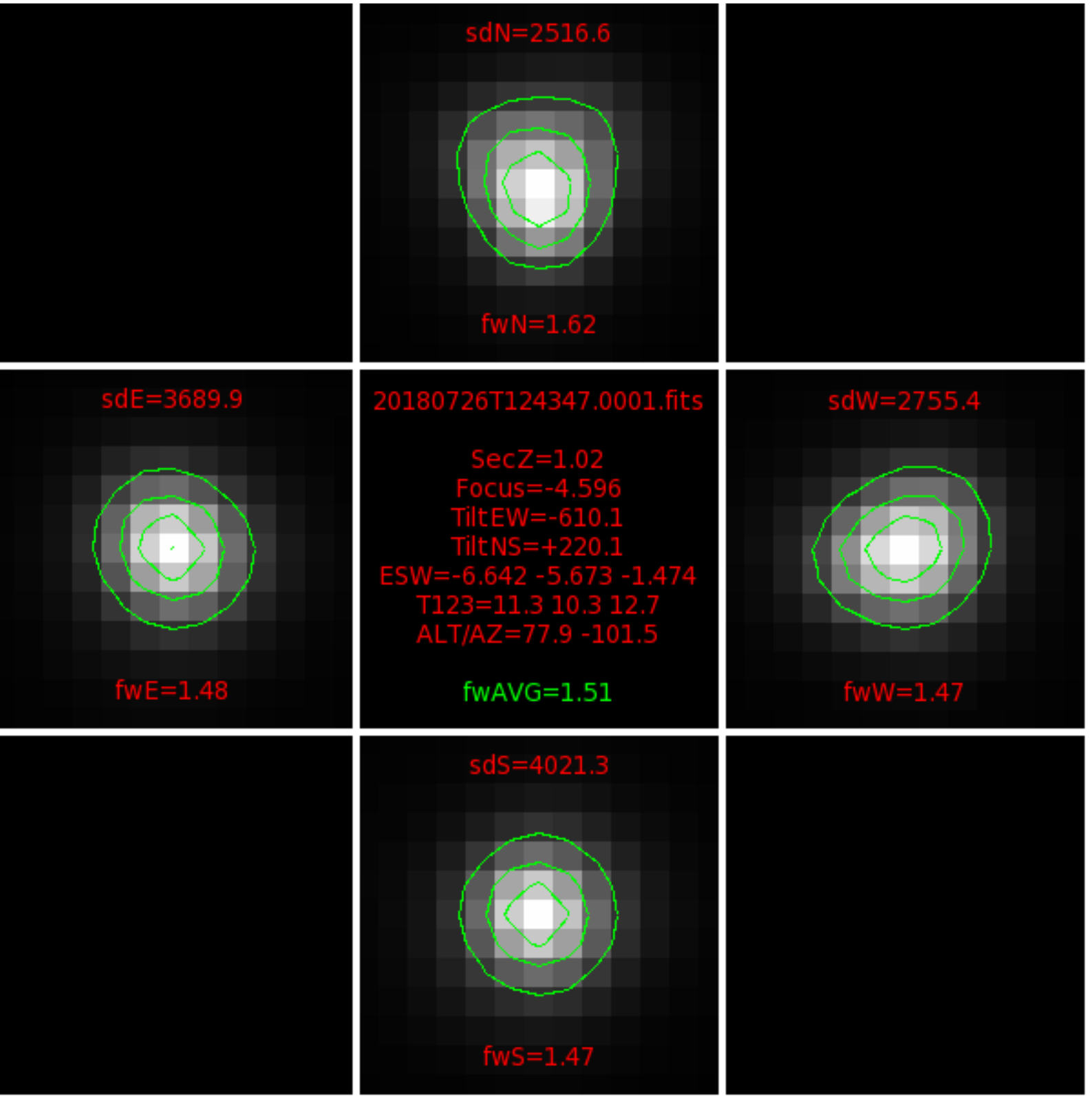

sdN=2406.2
fwN=1.75
sdE=3278.0
fwE=1.52
20180726T123307.0001.fits
SecZ=1.05
Focus=-4.596
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.642 -5.673 -1.474
T123=11.3 10.3 12.8
ALT/AZ=72.9 -95.9
fwAVG=1.60
sdW=4696.4
fwW=1.57
sdS=3034.6
fwS=1.54
0 0 0 0 0 0 0 0 0

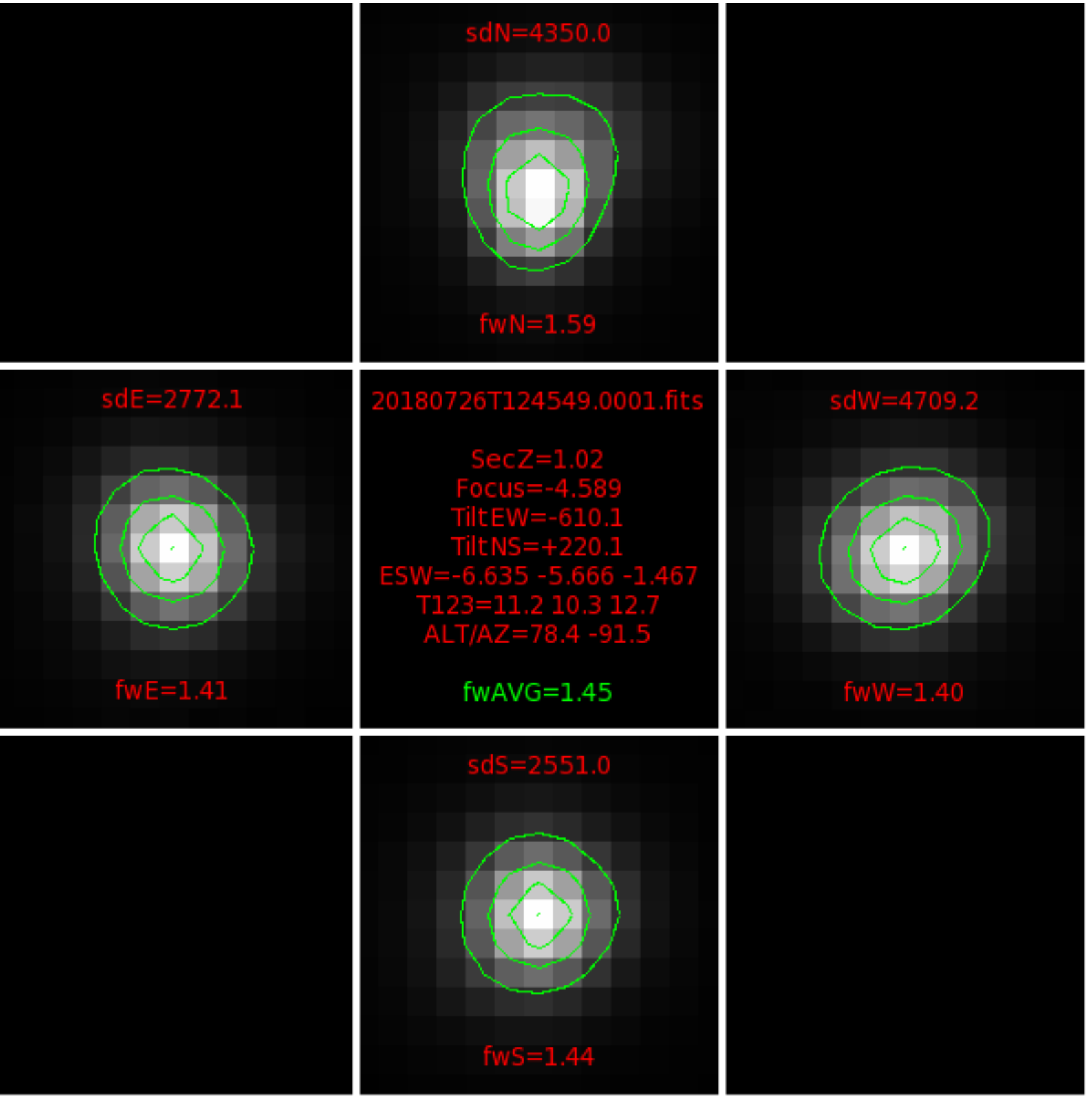

sdN=1391.0
fwN=1.53
sdE=1315.5
fwE=1.32
20180726T123512.0001.fits
SecZ=1.05
Focus=-4.596
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.642 -5.673 -1.474
T123=11.3 10.3 12.8
ALT/AZ=72.8 -88.5
fwAVG=1.41
sdW=1453.8
fwW=1.40
sdS=2061.7
fwS=1.43
0 0 0 0 0 0 0 0 0

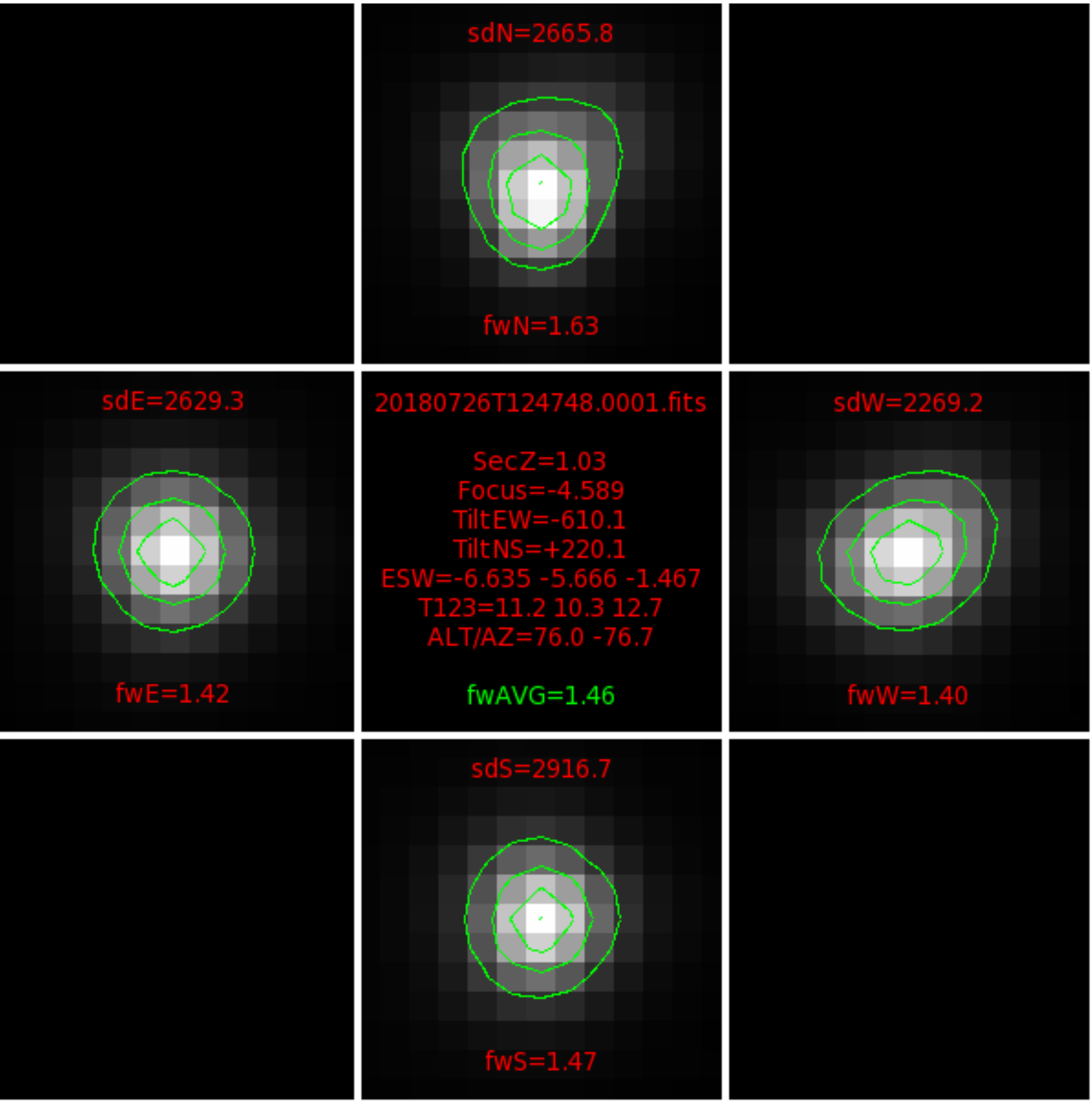

sdN=2170.1
fwN=1.56
sdE=3380.4
fwE=1.35
20180726T123748.0001.fits
SecZ=1.02
Focus=-4.596
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.642 -5.673 -1.474
T123=11.3 10.4 12.7
ALT/AZ=78.8 -114.8
fwAVG=1.44
sdW=1993.0
fwW=1.43
sdS=3615.6
fwS=1.32
0 0 0 0 0 0 0 0 0

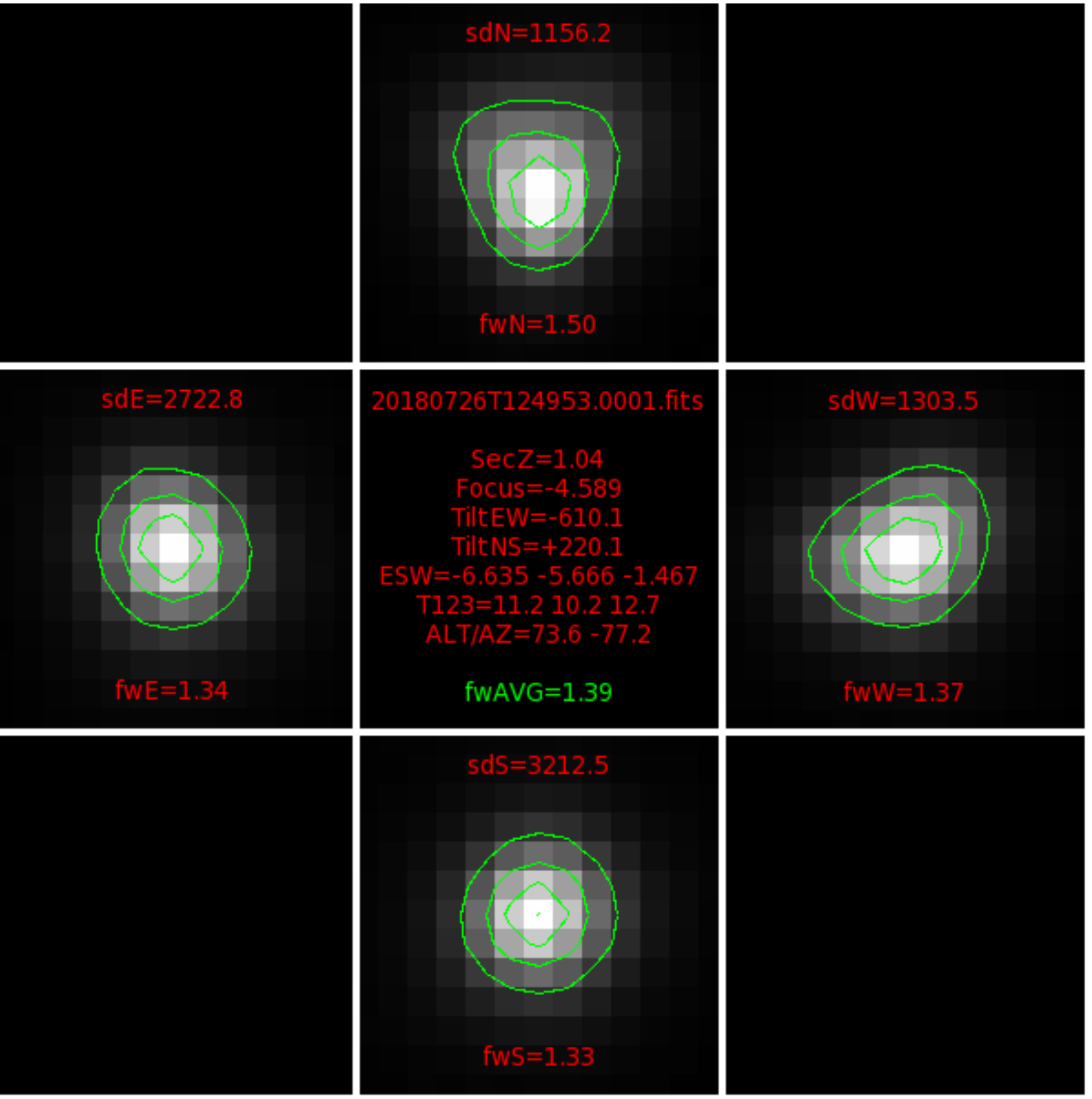

sdN=4070.4
fwN=1.54
sdE=3053.9
fwE=1.35
20180726T123943.0001.fits
SecZ=1.02
Focus=-4.596
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.642 -5.673 -1.474
T123=11.3 10.3 12.8
ALT/AZ=77.8 -85.9
fwAVG=1.42
sdW=1474.4
fwW=1.40
sdS=2488.7
fwS=1.40
0 0 0 0 0 0 0 0 0

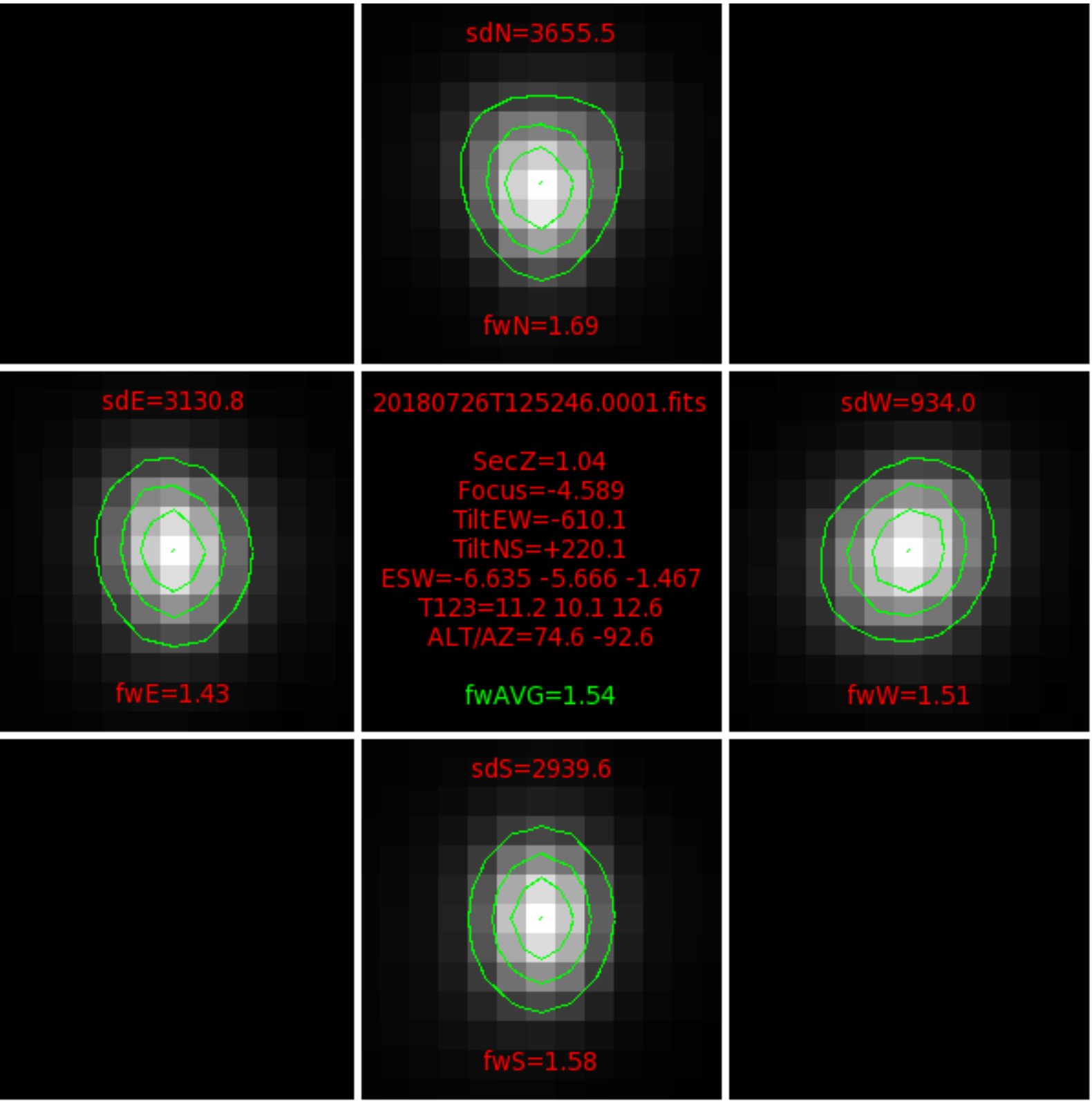

sdN=2788.1
fwN=1.56
sdE=4712.4
fwE=1.43
20180726T124154.0001.fits
SecZ=1.03
Focus=-4.589
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.635 -5.666 -1.467
T123=11.3 10.3 12.7
ALT/AZ=77.0 -95.2
fwAVG=1.51
sdW=3008.2
fwW=1.53
sdS=2701.9
fwS=1.46
0 0 0 0 0 0 0 0 0

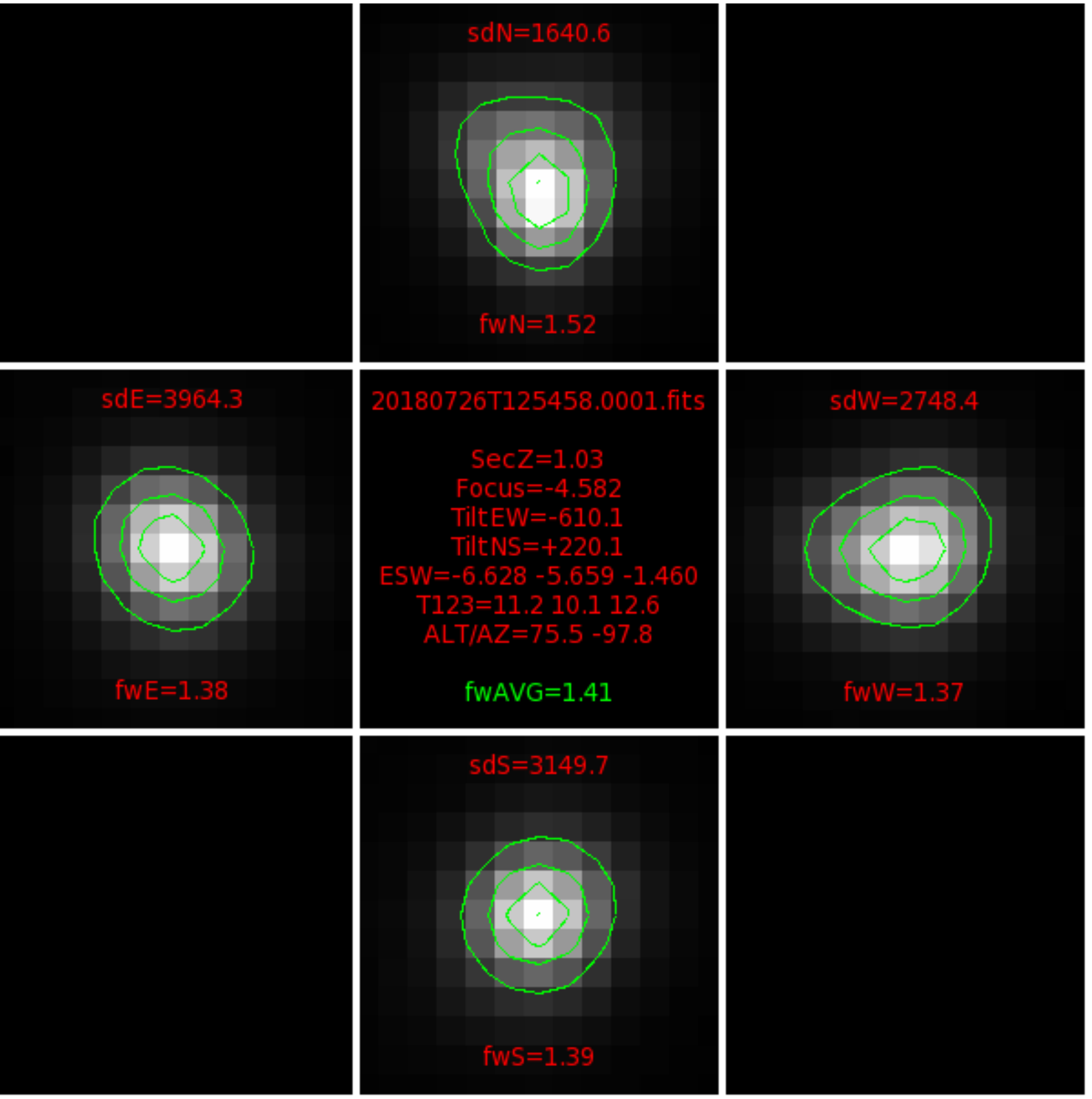

sdN=2516.6
fwN=1.62
sdE=3689.9
fwE=1.48
20180726T124347.0001.fits
SecZ=1.02
Focus=-4.596
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.642 -5.673 -1.474
T123=11.3 10.3 12.7
ALT/AZ=77.9 -101.5
fwAVG=1.51
sdW=2755.4
fwW=1.47
sdS=4021.3
fwS=1.47
0 0 0 0 0 0 0 0 0

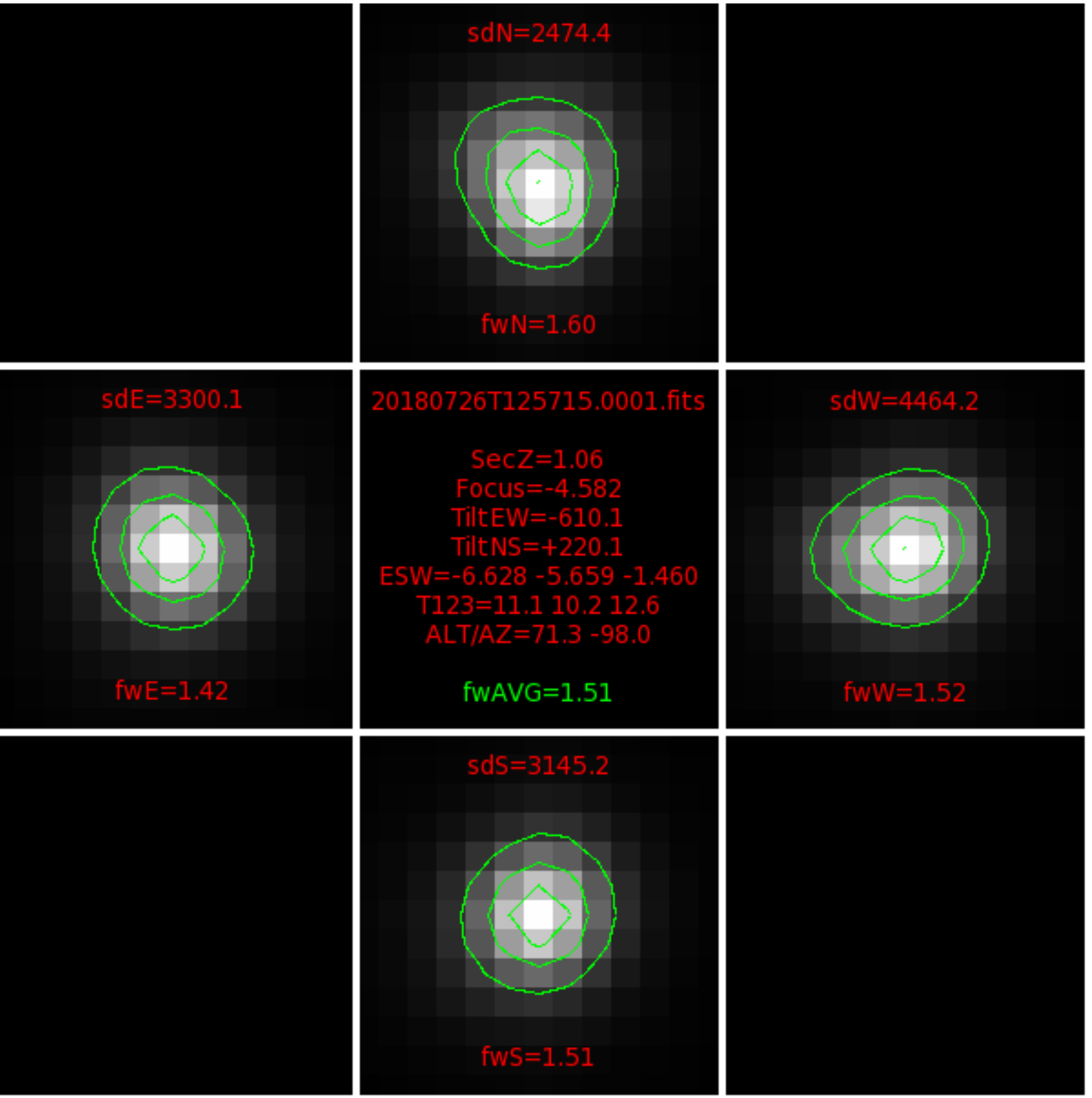

sdN=4350.0
fwN=1.59
sdE=2772.1
fwE=1.41
20180726T124549.0001.fits
SecZ=1.02
Focus=-4.589
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.635 -5.666 -1.467
T123=11.2 10.3 12.7
ALT/AZ=78.4 -91.5
fwAVG=1.45
sdW=4709.2
fwW=1.40
sdS=2551.0
fwS=1.44
0 0 0 0 0 0 0 0 0

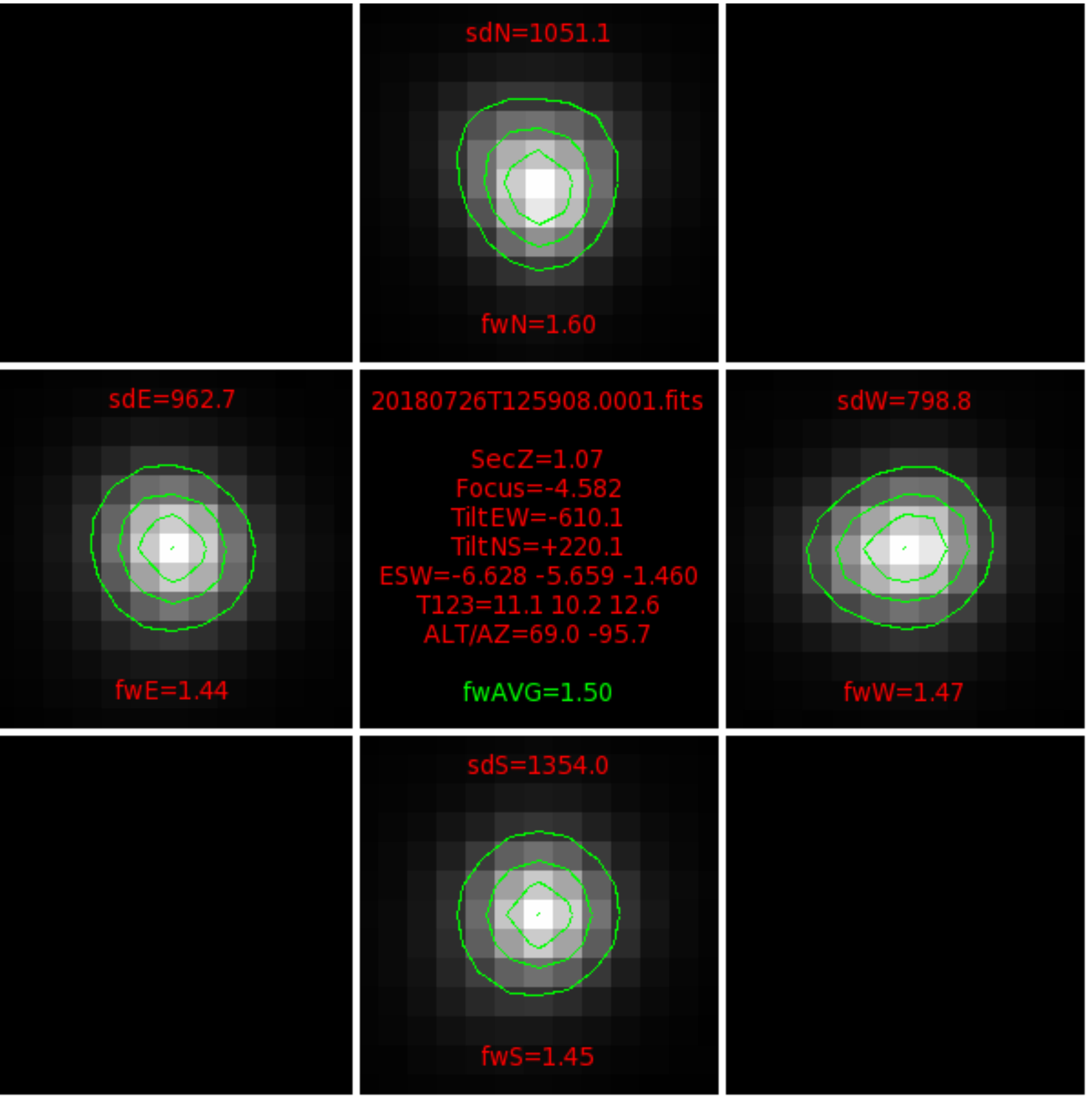

sdN=2665.8
fwN=1.63
sdE=2629.3
fwE=1.42
20180726T124748.0001.fits
SecZ=1.03
Focus=-4.589
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.635 -5.666 -1.467
T123=11.2 10.3 12.7
ALT/AZ=76.0 -76.7
fwAVG=1.46
sdW=2269.2
fwW=1.40
sdS=2916.7
fwS=1.47
0 0 0 0 0 0 0 0 0

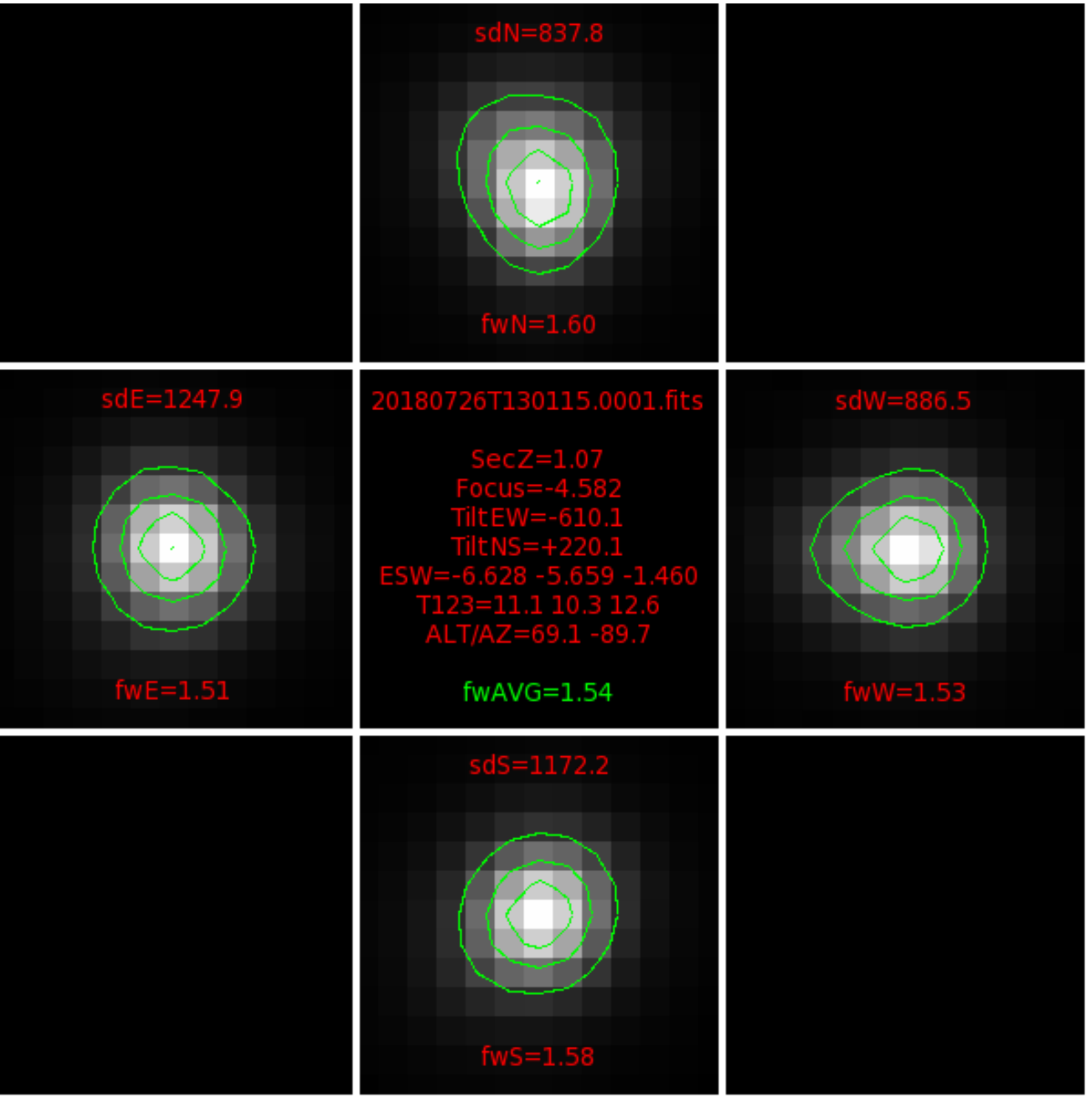

sdN=1156.2
fwN=1.50
sdE=2722.8
fwE=1.34
20180726T124953.0001.fits
SecZ=1.04
Focus=-4.589
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.635 -5.666 -1.467
T123=11.2 10.2 12.7
ALT/AZ=73.6 -77.2
fwAVG=1.39
sdW=1303.5
fwW=1.37
sdS=3212.5
fwS=1.33
0 0 0 0 0 0 0 0 0

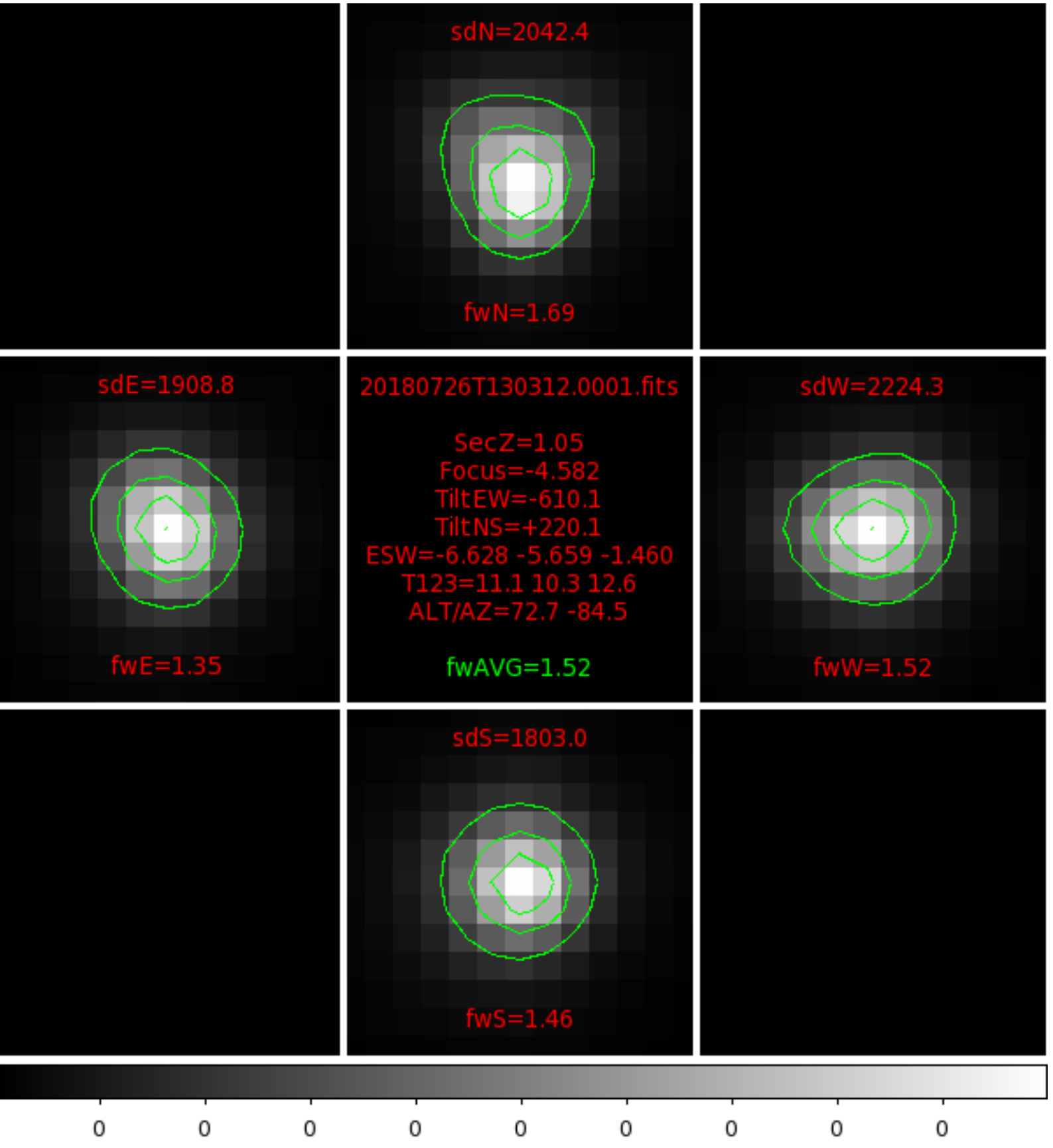

sdN=3655.5
fwN=1.69
sdE=3130.8
fwE=1.43
20180726T125246.0001.fits
SecZ=1.04
Focus=-4.589
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.635 -5.666 -1.467
T123=11.2 10.1 12.6
ALT/AZ=74.6 -92.6
fwAVG=1.54
sdW=934.0
fwW=1.51
sdS=2939.6
fwS=1.58
0 0 0 0 0 0 0 0 0

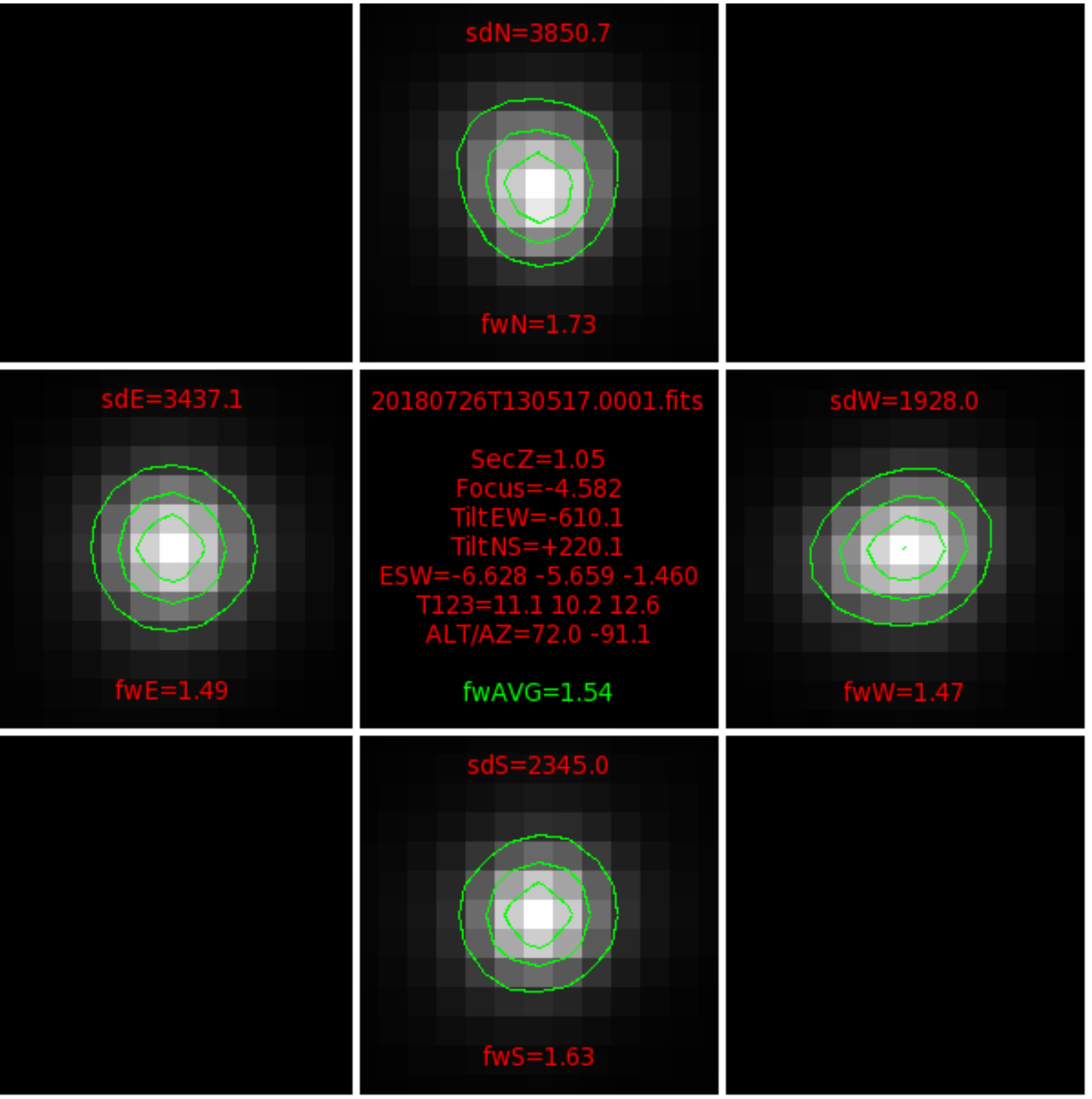

sdN=1640.6
fwN=1.52
sdE=3964.3
fwE=1.38
20180726T125458.0001.fits
SecZ=1.03
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.2 10.1 12.6
ALT/AZ=75.5 -97.8
fwAVG=1.41
sdW=2748.4
fwW=1.37
sdS=3149.7
fwS=1.39
0 0 0 0 0 0 0 0 0

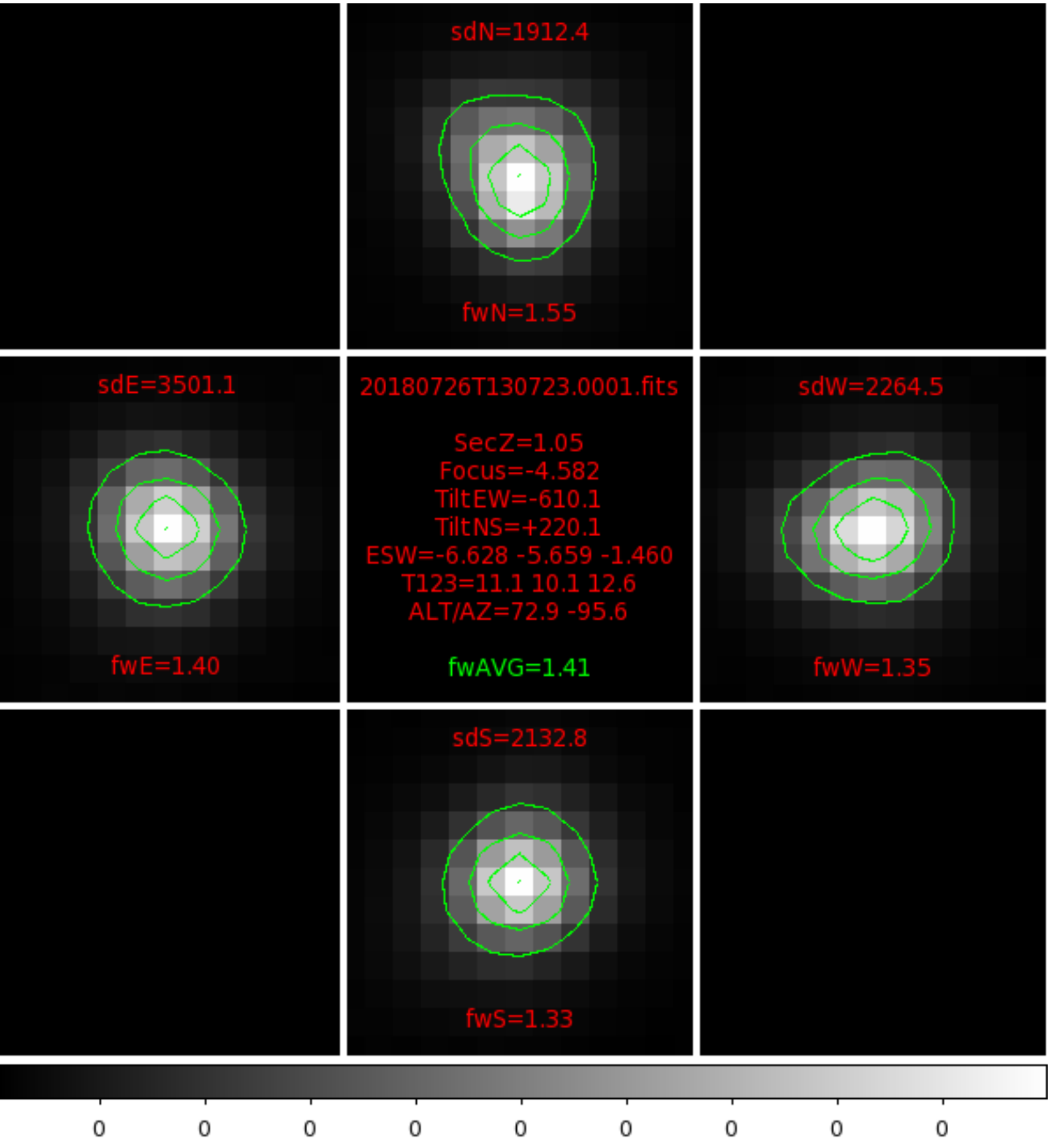

sdN=2474.4
fwN=1.60
sdE=3300.1
fwE=1.42
20180726T125715.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.1 10.2 12.6
ALT/AZ=71.3 -98.0
fwAVG=1.51
sdW=4464.2
fwW=1.52
sdS=3145.2
fwS=1.51
0 0 0 0 0 0 0 0 0

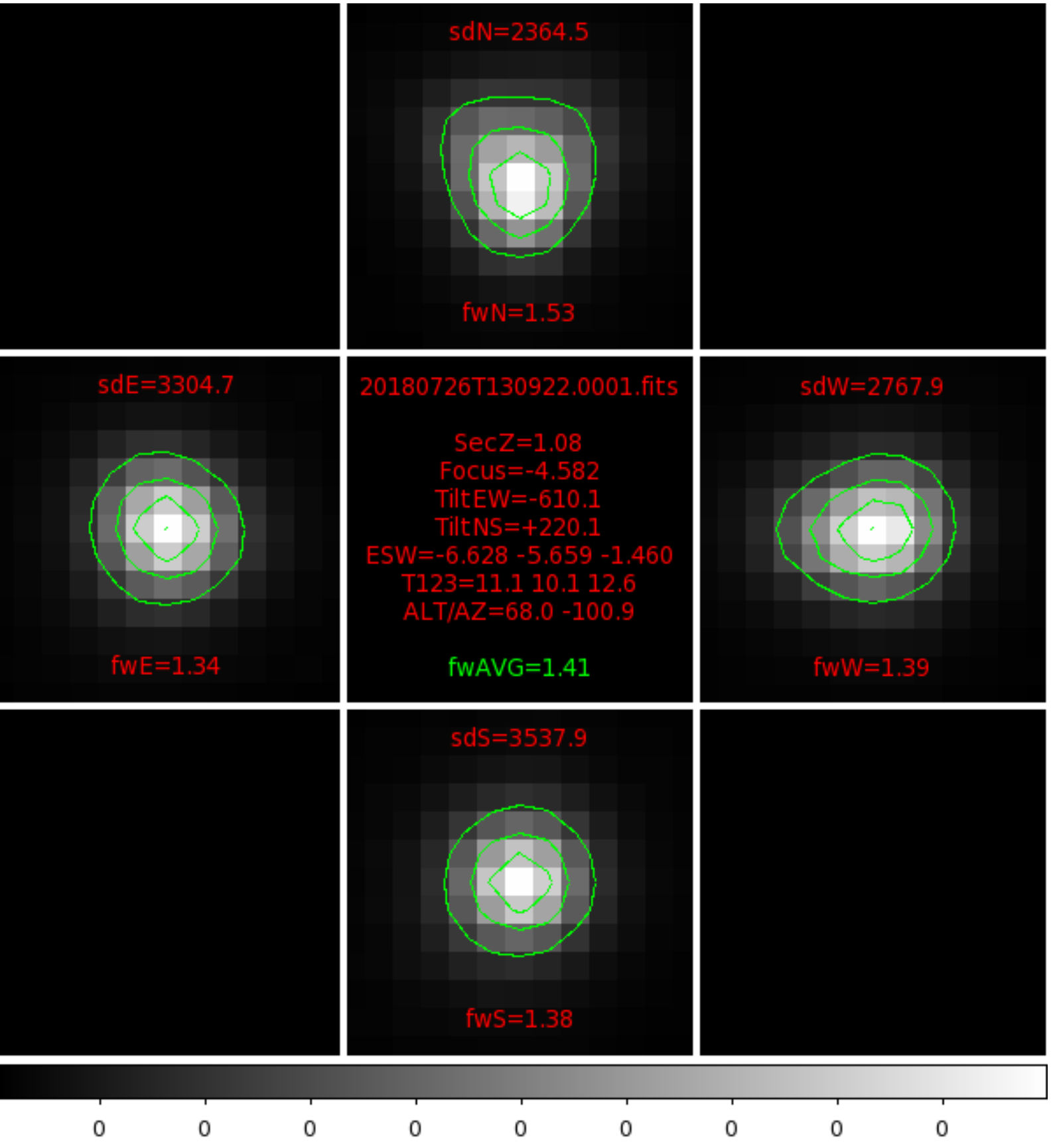

sdN=1051.1
fwN=1.60
sdE=962.7
fwE=1.44
20180726T125908.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.1 10.2 12.6
ALT/AZ=69.0 -95.7
fwAVG=1.50
sdW=798.8
fwW=1.47
sdS=1354.0
fwS=1.45
0 0 0 0 0 0 0 0 0

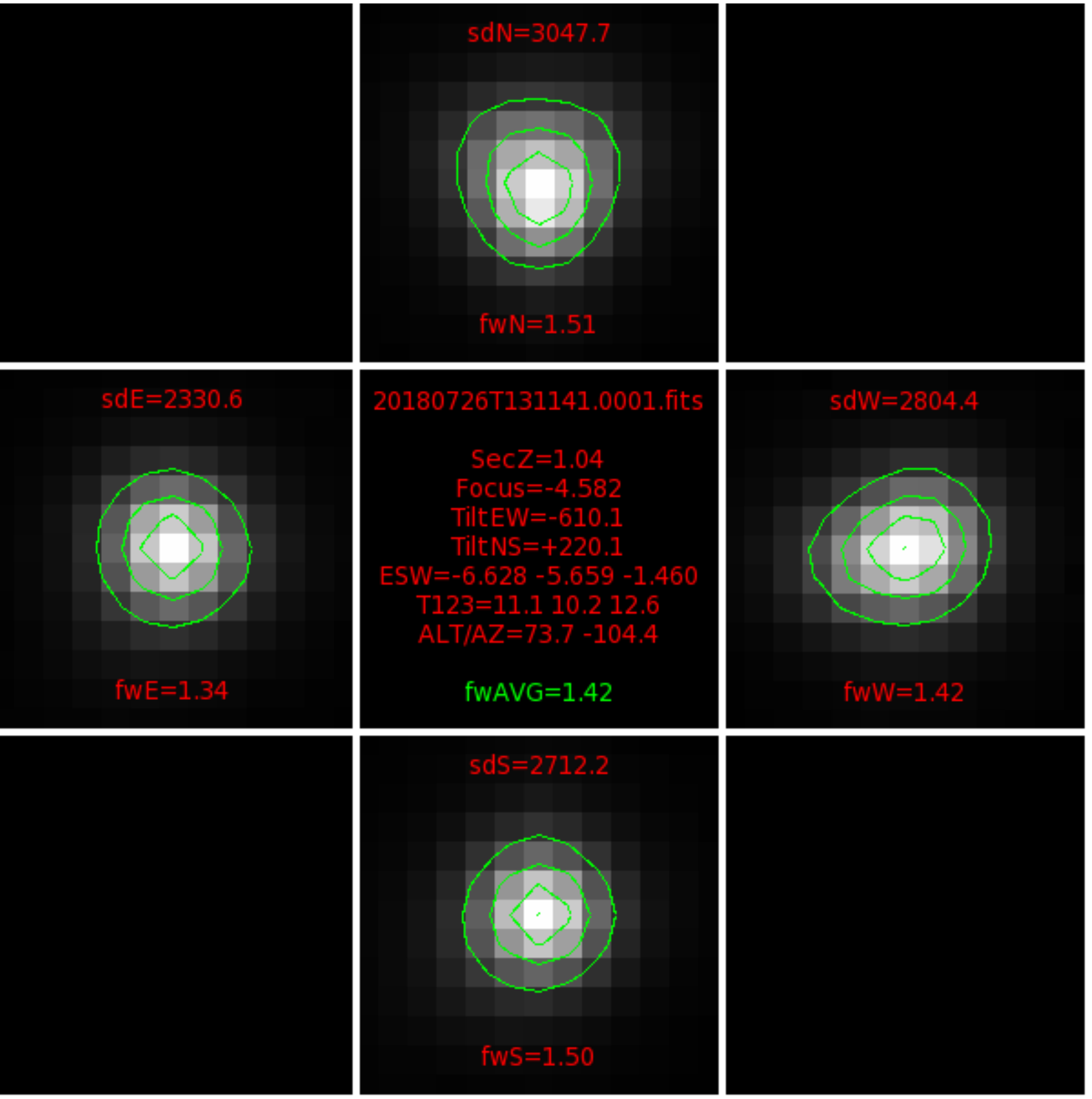

sdN=837.8
fwN=1.60
sdE=1247.9
fwE=1.51
20180726T130115.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.1 10.3 12.6
ALT/AZ=69.1 -89.7
fwAVG=1.54
sdW=886.5
fwW=1.53
sdS=1172.2
fwS=1.58
0 0 0 0 0 0 0 0 0

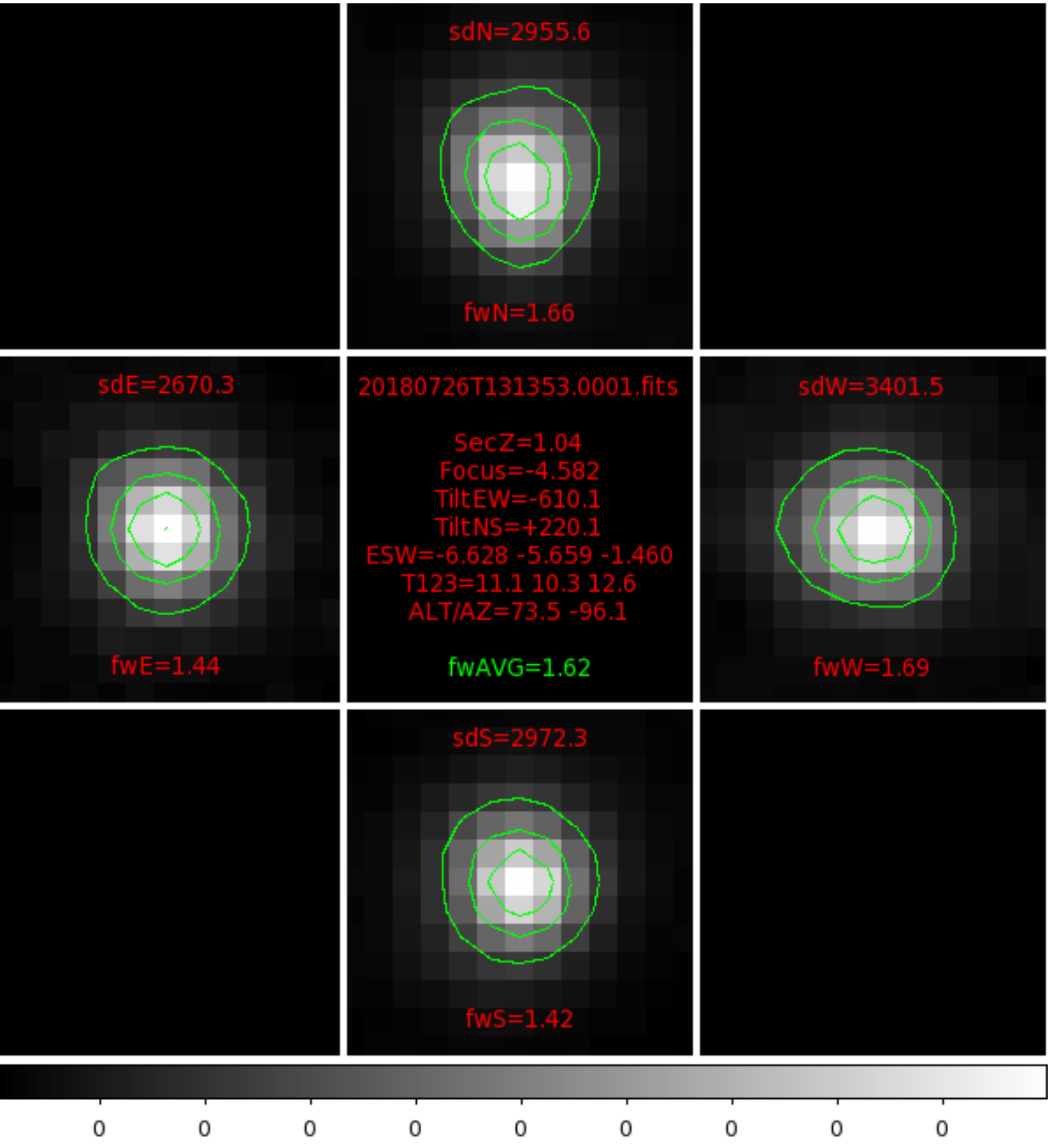

sdN=2042.4
fwN=1.69
sdE=1908.8
fwE=1.35
20180726T130312.0001.fits
SecZ=1.05
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.1 10.3 12.6
ALT/AZ=72.7 -84.5
fwAVG=1.52
sdW=2224.3
fwW=1.52
sdS=1803.0
fwS=1.46
0 0 0 0 0 0 0 0 0

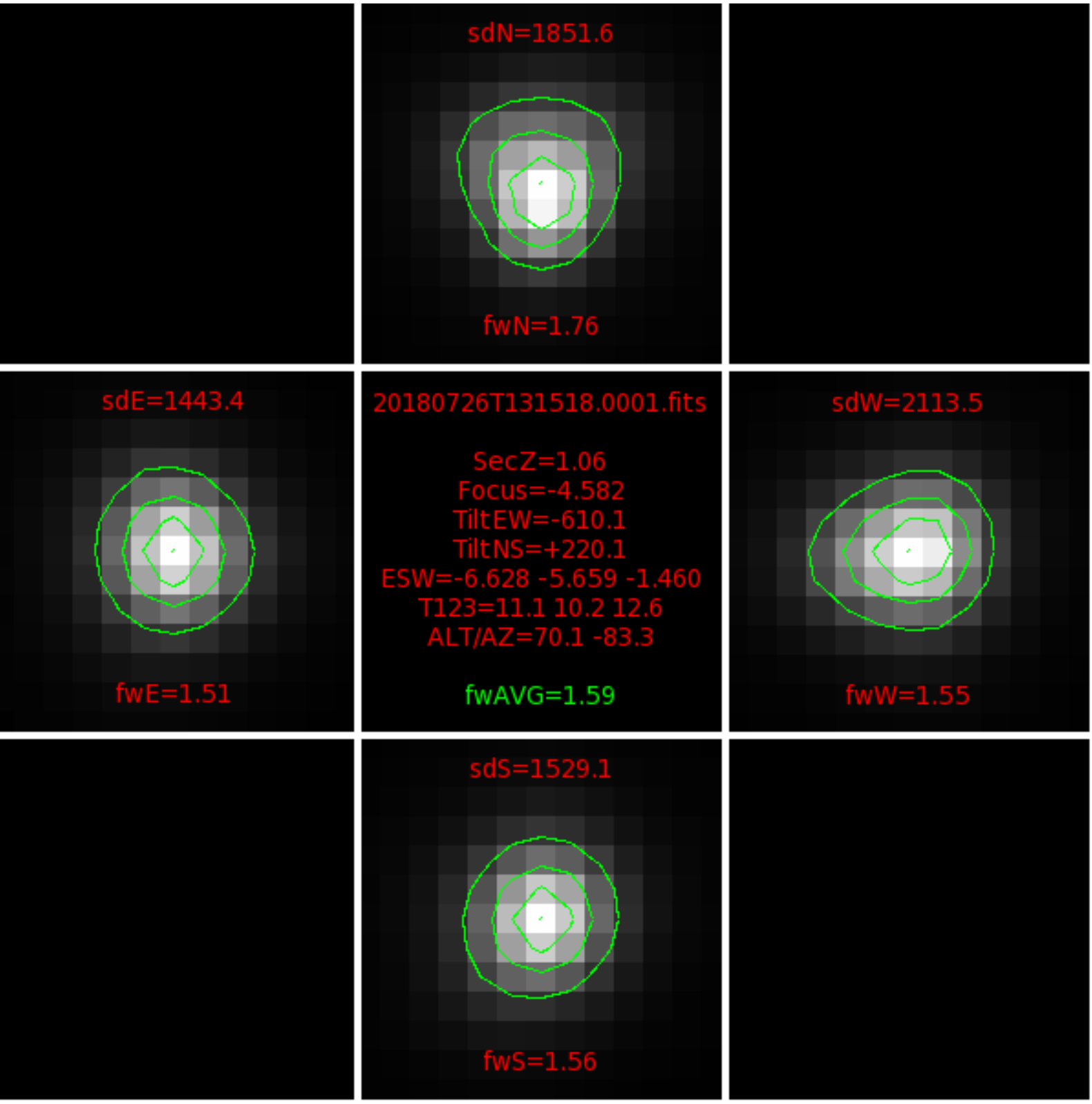

sdN=3850.7
fwN=1.73
sdE=3437.1
fwE=1.49
20180726T130517.0001.fits
SecZ=1.05
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.1 10.2 12.6
ALT/AZ=72.0 -91.1
fwAVG=1.54
sdW=1928.0
fwW=1.47
sdS=2345.0
fwS=1.63
0 0 0 0 0 0 0 0 0

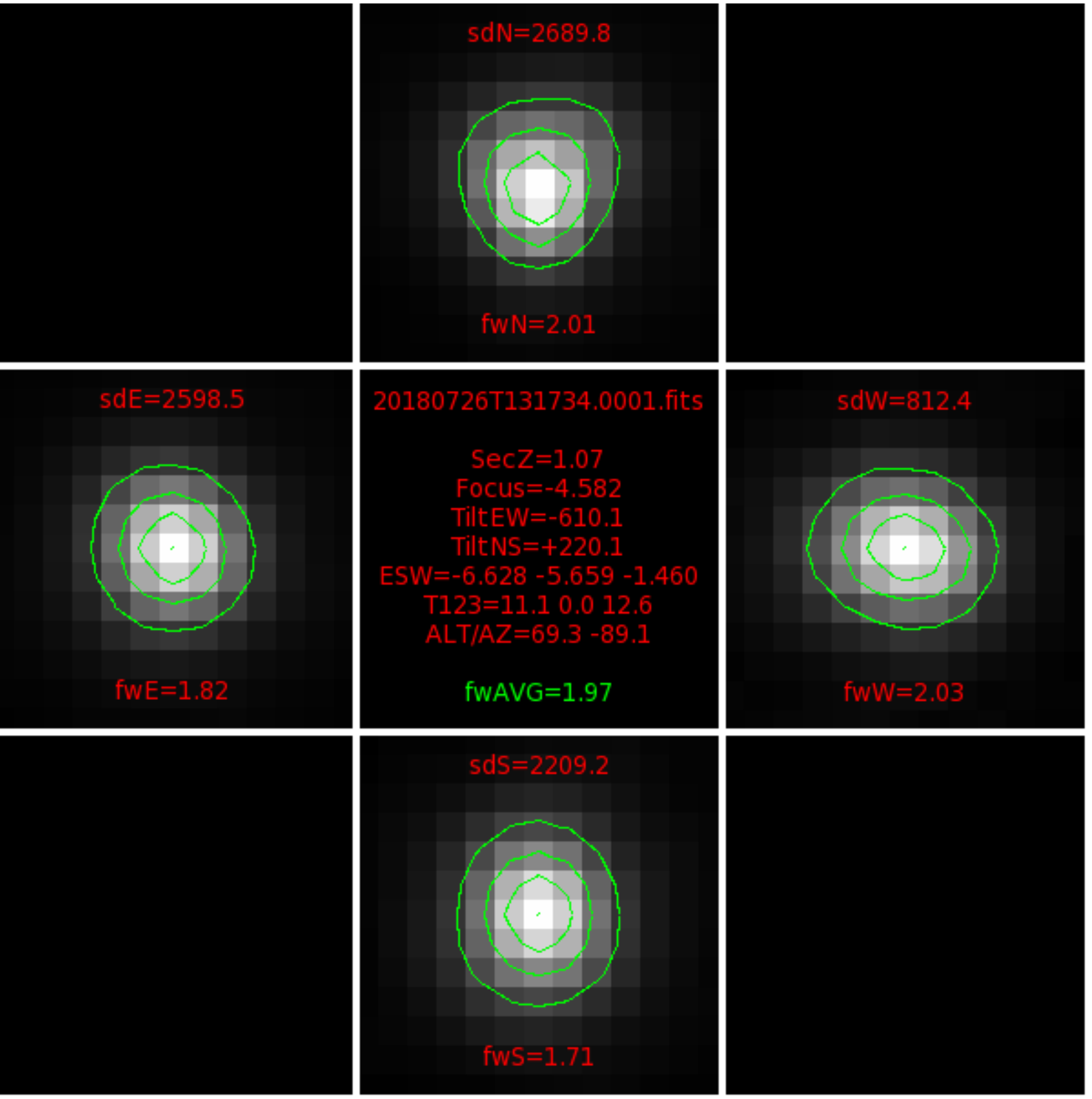

sdN=1912.4
fwN=1.55
sdE=3501.1
fwE=1.40
20180726T130723.0001.fits
SecZ=1.05
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.1 10.1 12.6
ALT/AZ=72.9 -95.6
fwAVG=1.41
sdW=2264.5
fwW=1.35
sdS=2132.8
fwS=1.33
0 0 0 0 0 0 0 0 0

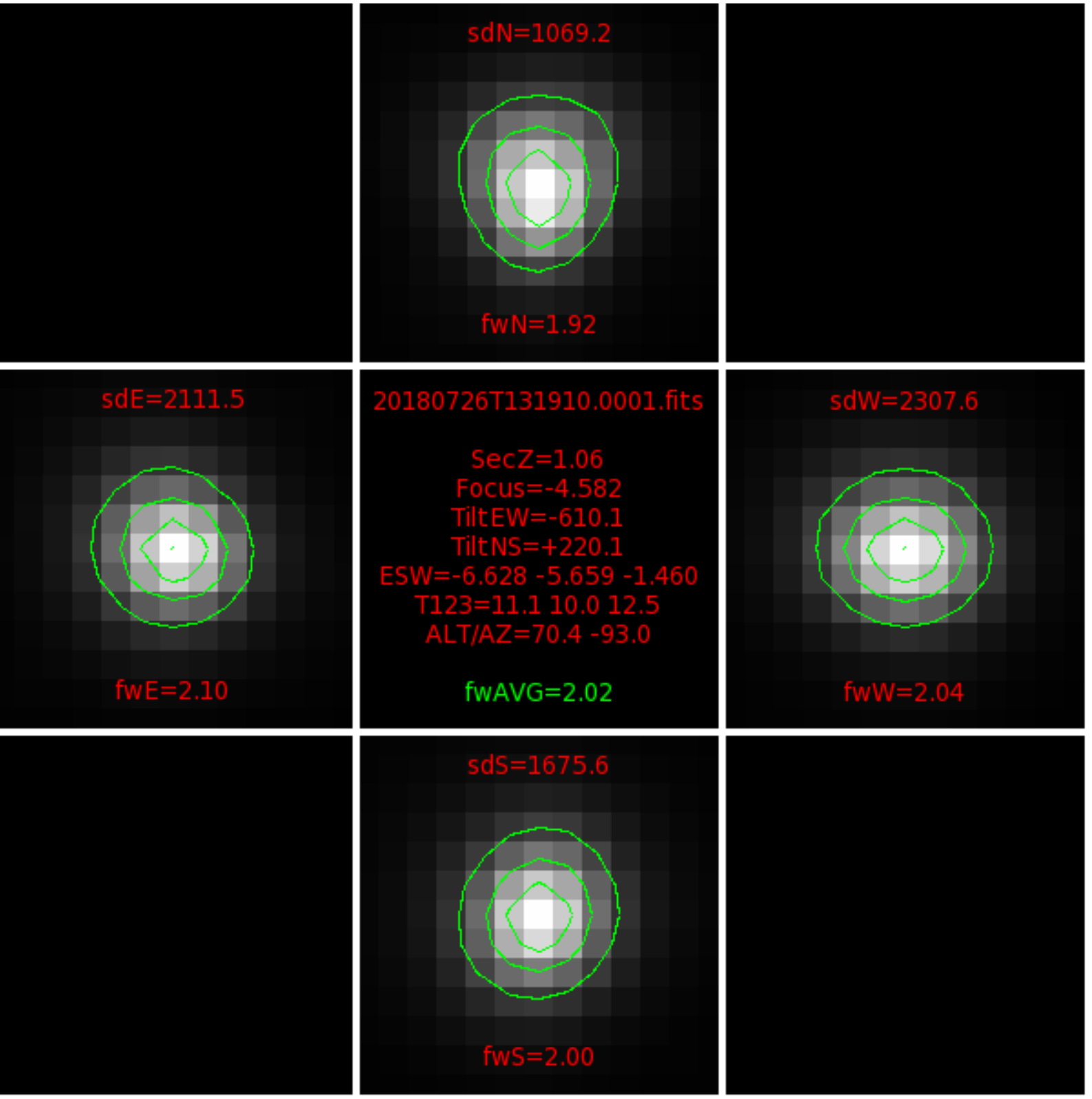

sdN=2364.5
fwN=1.53
sdE=3304.7
fwE=1.34
20180726T130922.0001.fits
SecZ=1.08
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.1 10.1 12.6
ALT/AZ=68.0 -100.9
fwAVG=1.41
sdW=2767.9
fwW=1.39
sdS=3537.9
fwS=1.38
0 0 0 0 0 0 0 0 0

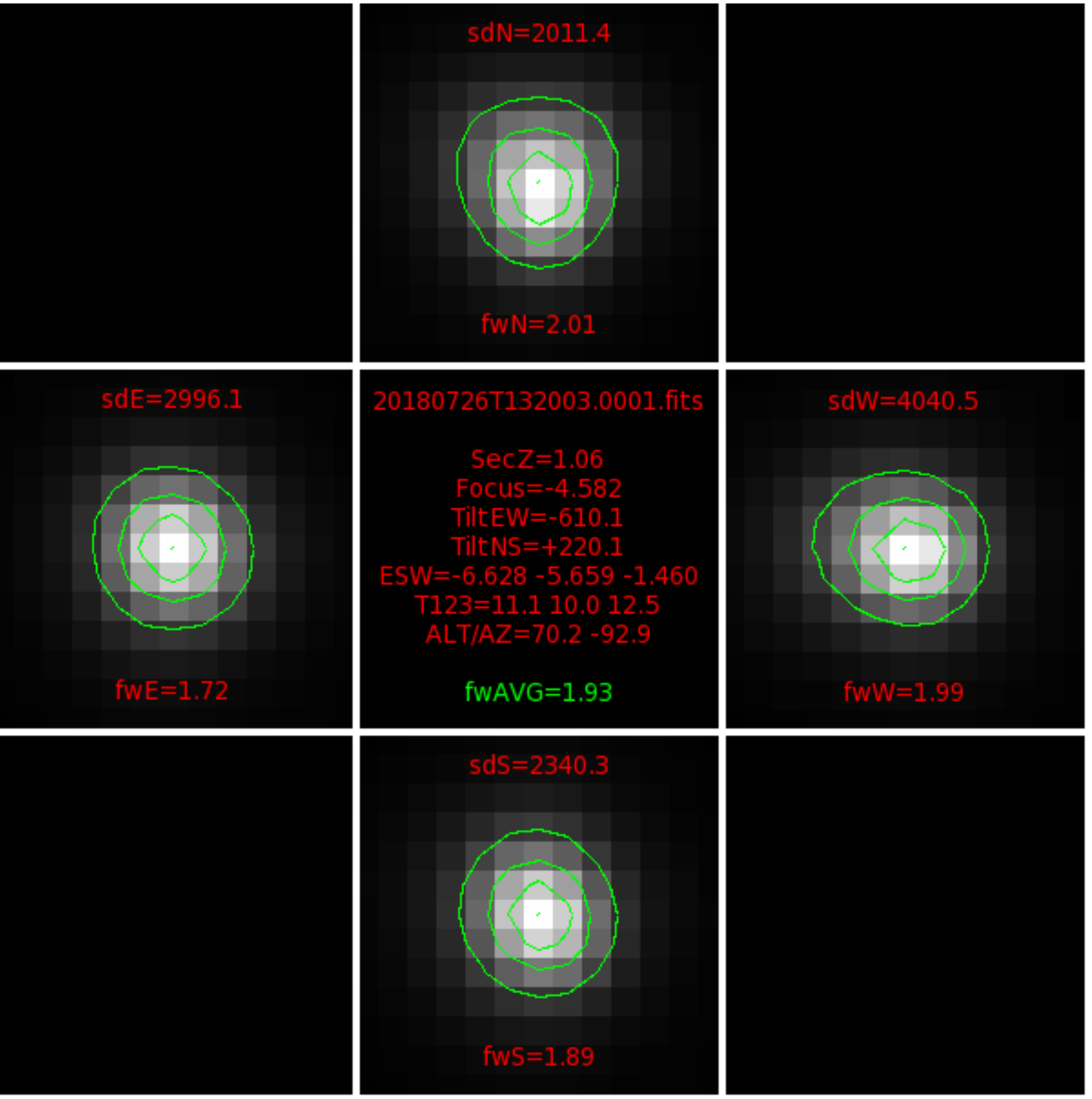

sdN=3047.7
fwN=1.51
sdE=2330.6
fwE=1.34
20180726T131141.0001.fits
SecZ=1.04
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.1 10.2 12.6
ALT/AZ=73.7 -104.4
fwAVG=1.42
sdW=2804.4
fwW=1.42
sdS=2712.2
fwS=1.50
0 0 0 0 0 0 0 0 0

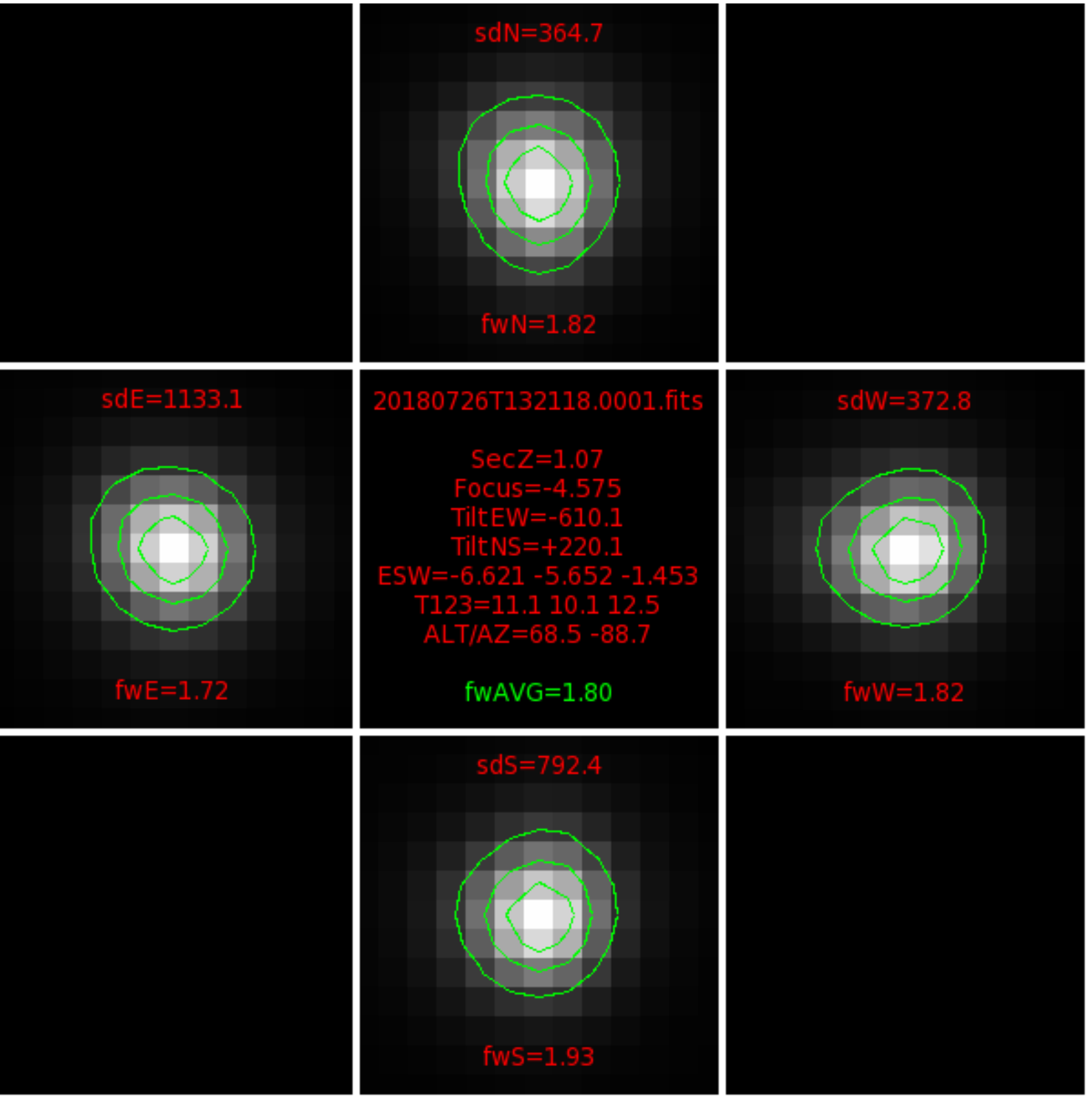

sdN=2955.6
fwN=1.66
sdE=2670.3
fwE=1.44
20180726T131353.0001.fits
SecZ=1.04
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.1 10.3 12.6
ALT/AZ=73.5 -96.1
fwAVG=1.62
sdW=3401.5
fwW=1.69
sdS=2972.3
fwS=1.42
0 0 0 0 0 0 0 0 0

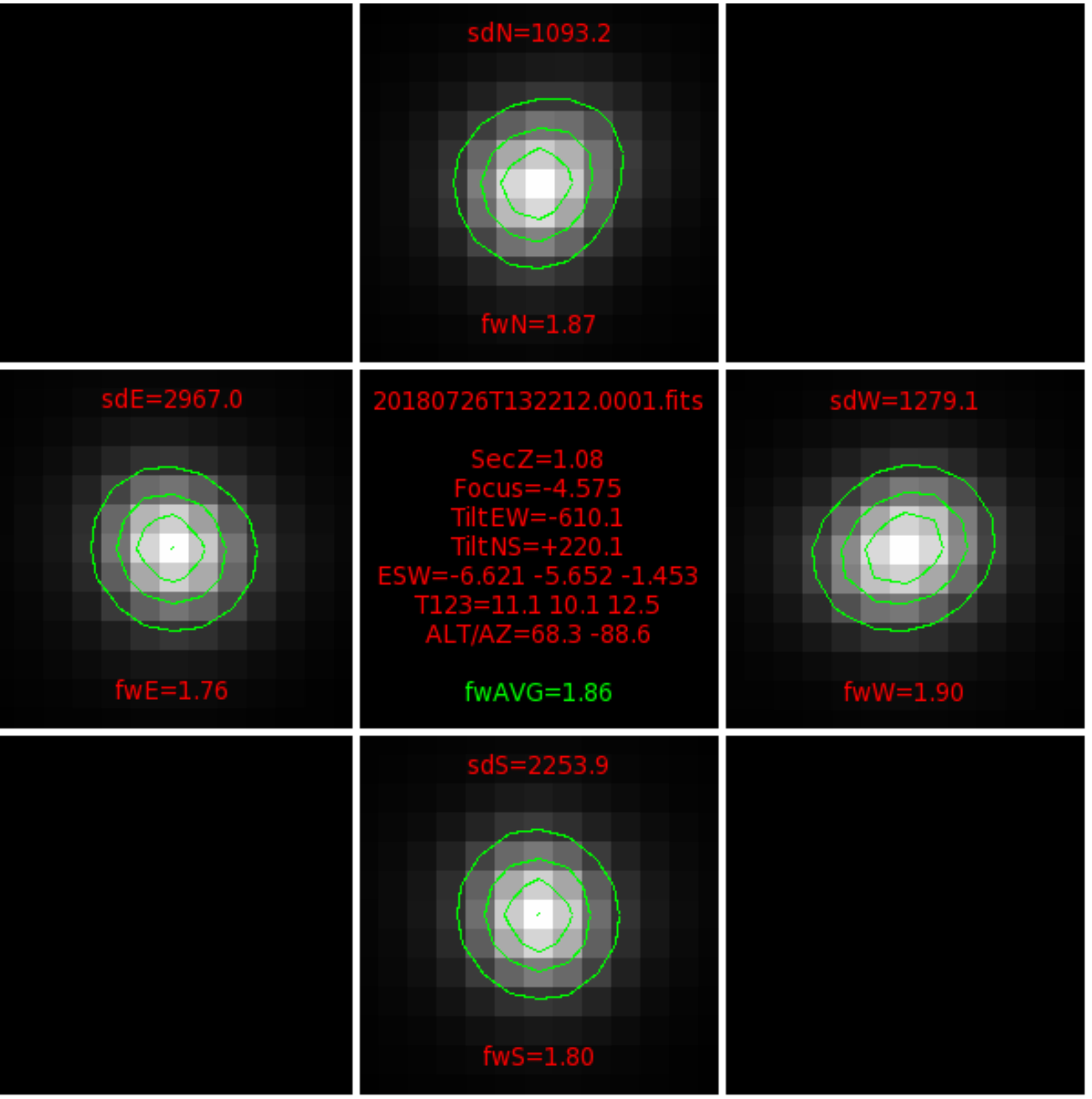

sdN=1851.6
fwN=1.76
sdE=1443.4
fwE=1.51
20180726T131518.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.1 10.2 12.6
ALT/AZ=70.1 -83.3
fwAVG=1.59
sdW=2113.5
fwW=1.55
sdS=1529.1
fwS=1.56
0 0 0 0 0 0 0 0 0

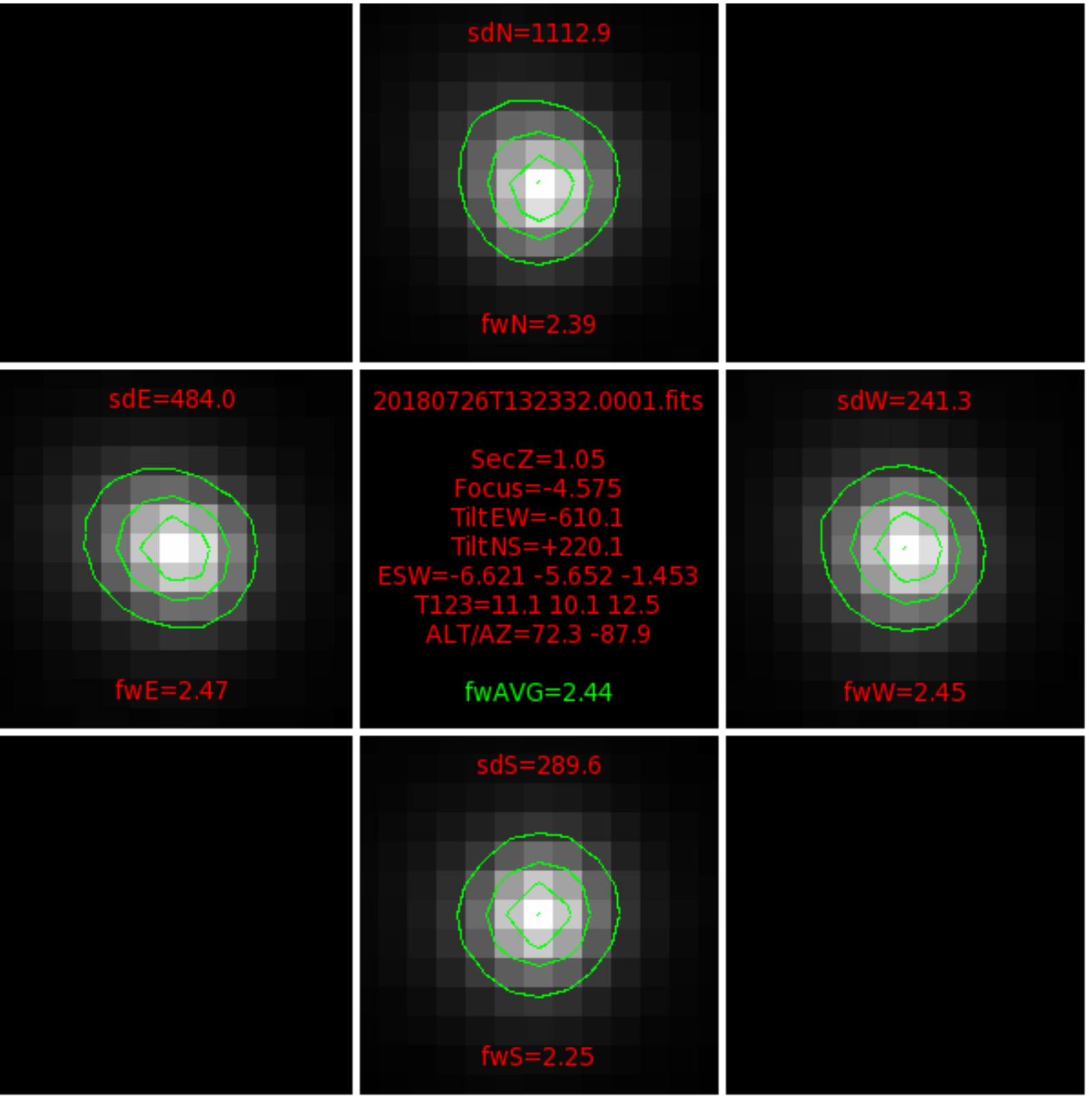

sdN=2689.8
fwN=2.01
sdE=2598.5
fwE=1.82
20180726T131734.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.1 0.0 12.6
ALT/AZ=69.3 -89.1
fwAVG=1.97
sdW=812.4
fwW=2.03
sdS=2209.2
fwS=1.71
0 0 0 0 0 0 0 0 0

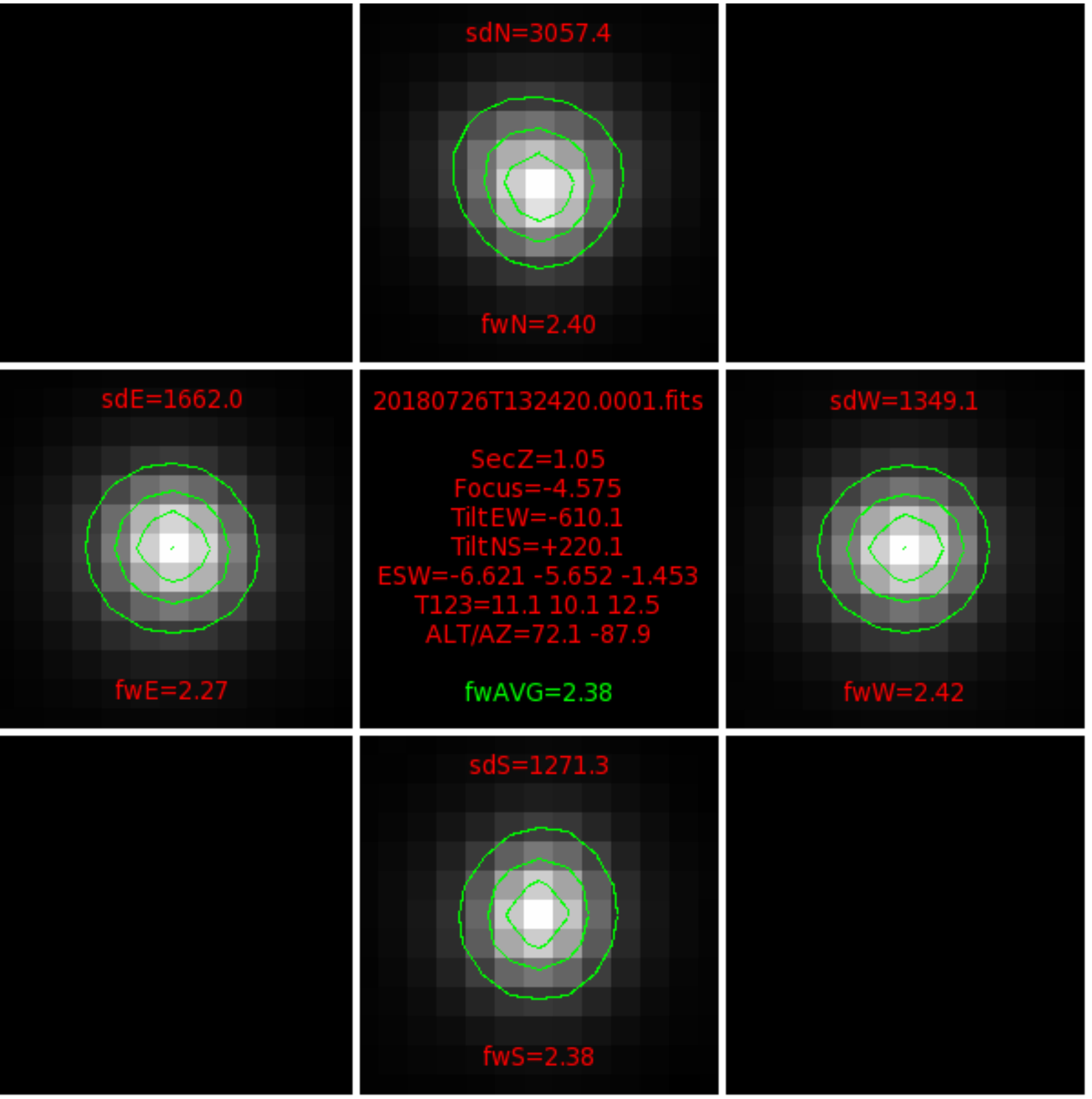

sdN=1069.2
fwN=1.92
sdE=2111.5
fwE=2.10
20180726T131910.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.1 10.0 12.5
ALT/AZ=70.4 -93.0
fwAVG=2.02
sdW=2307.6
fwW=2.04
sdS=1675.6
fwS=2.00
0 0 0 0 0 0 0 0 0

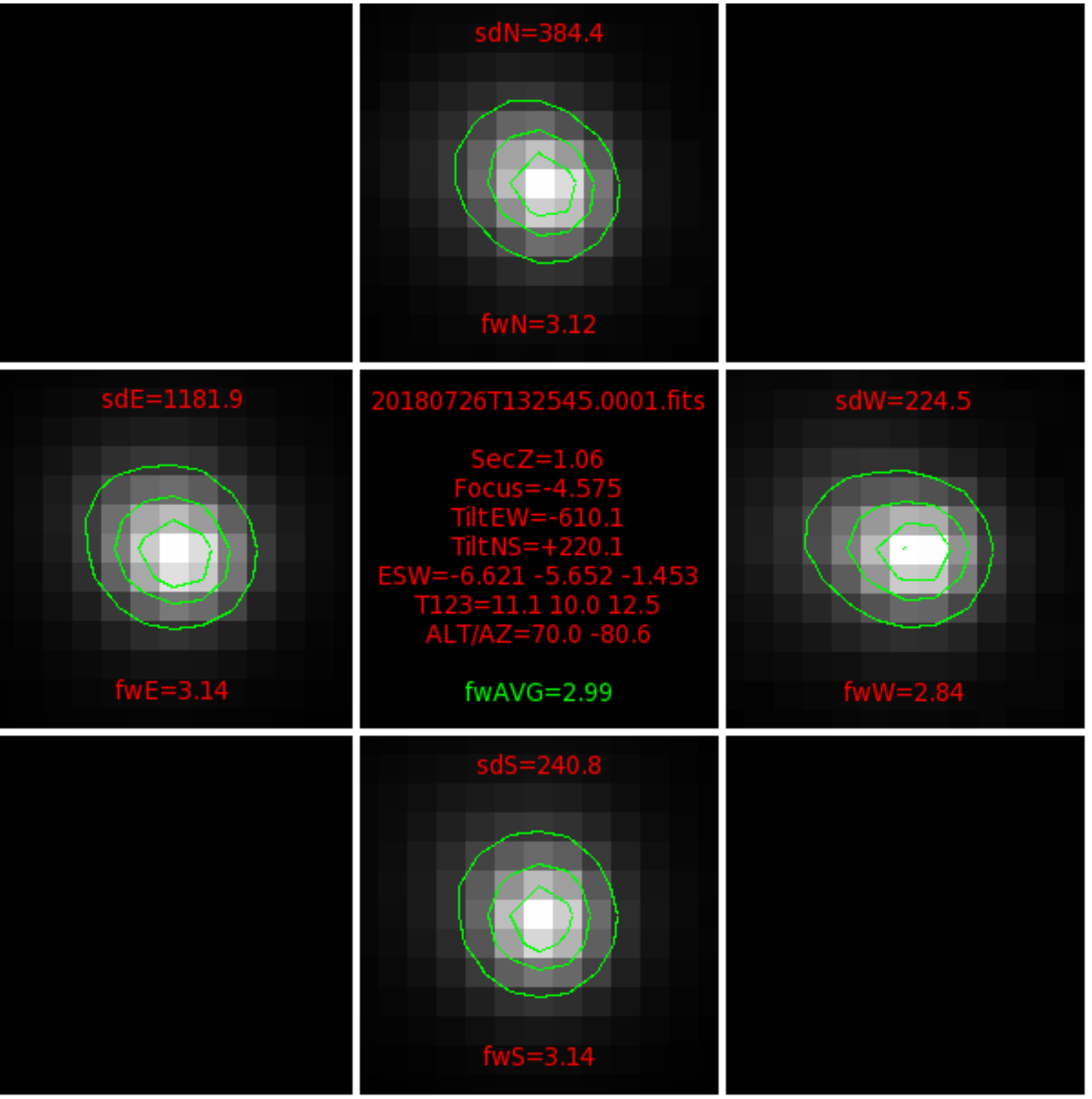

sdN=2011.4
fwN=2.01
sdE=2996.1
fwE=1.72
20180726T132003.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.628 -5.659 -1.460
T123=11.1 10.0 12.5
ALT/AZ=70.2 -92.9
fwAVG=1.93
sdW=4040.5
fwW=1.99
sdS=2340.3
fwS=1.89
0 0 0 0 0 0 0 0 0

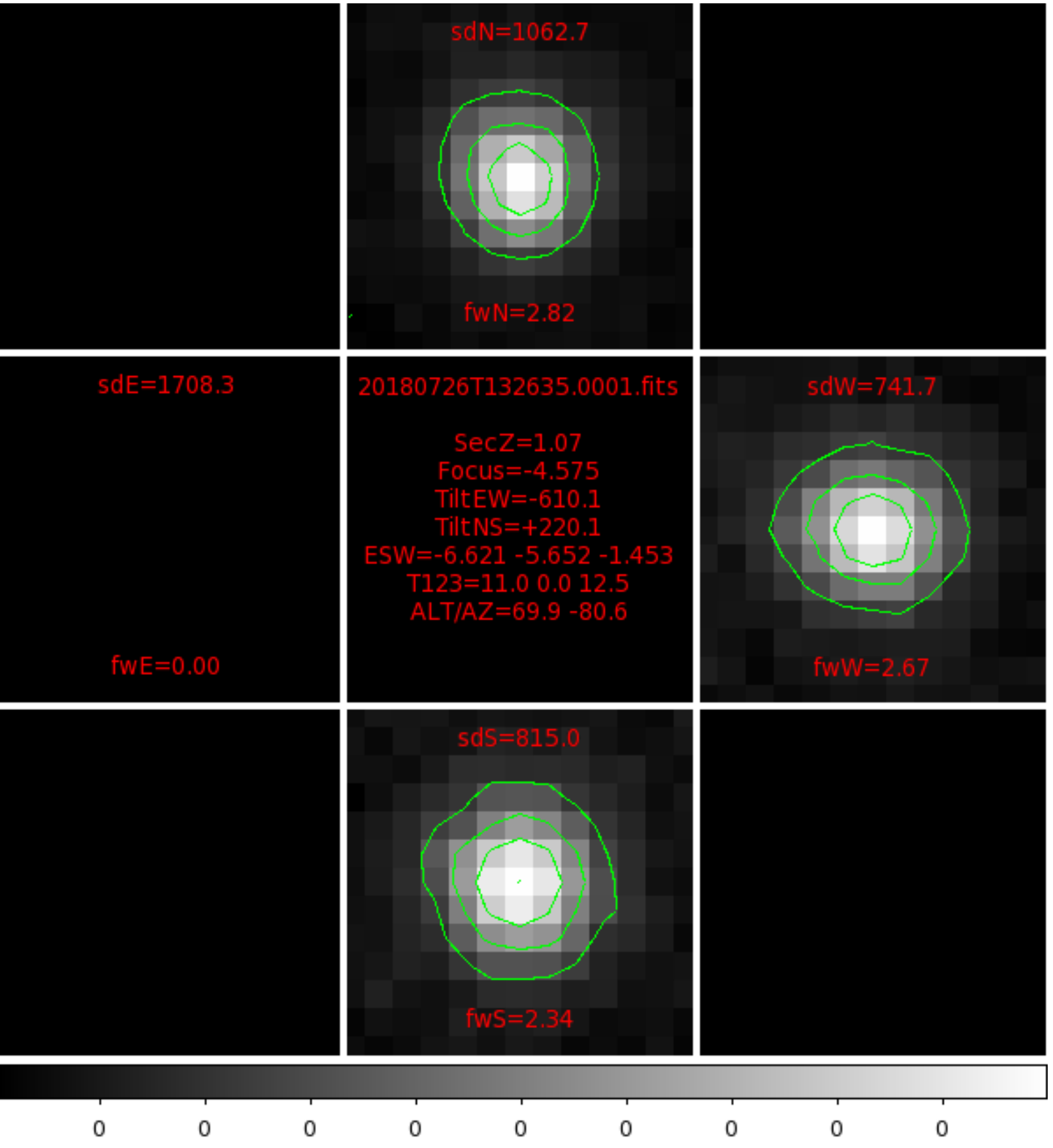

sdN=364.7
fwN=1.82
sdE=1133.1
fwE=1.72
20180726T132118.0001.fits
SecZ=1.07
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=11.1 10.1 12.5
ALT/AZ=68.5 -88.7
fwAVG=1.80
sdW=372.8
fwW=1.82
sdS=792.4
fwS=1.93
0 0 0 0 0 0 0 0 0

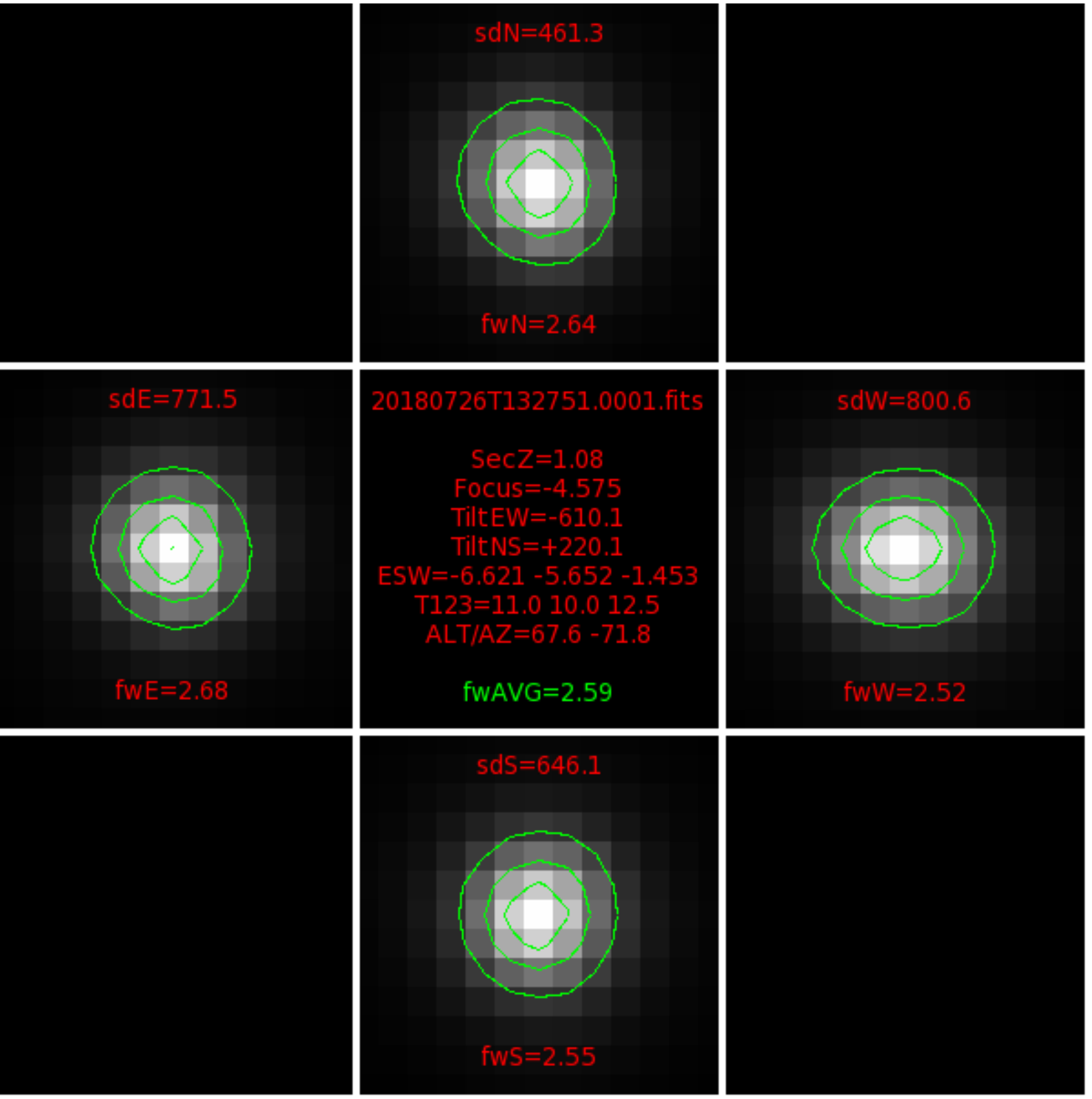

sdN=1093.2
fwN=1.87
sdE=2967.0
fwE=1.76
20180726T132212.0001.fits
SecZ=1.08
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=11.1 10.1 12.5
ALT/AZ=68.3 -88.6
fwAVG=1.86
sdW=1279.1
fwW=1.90
sdS=2253.9
fwS=1.80
0 0 0 0 0 0 0 0 0

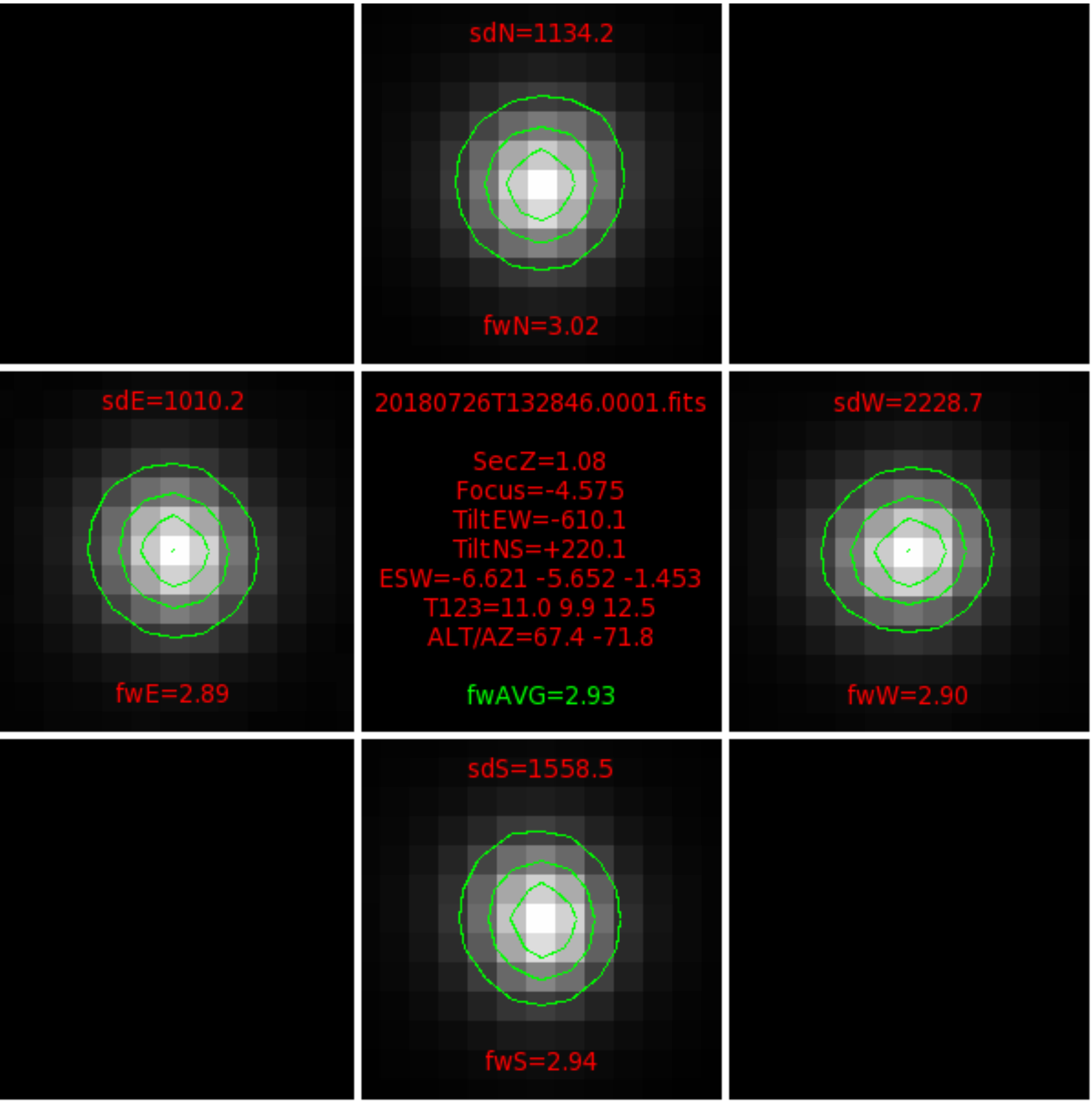

sdN=1112.9
fwN=2.39
sdE=484.0
fwE=2.47
20180726T132332.0001.fits
SecZ=1.05
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=11.1 10.1 12.5
ALT/AZ=72.3 -87.9
fwAVG=2.44
sdW=241.3
fwW=2.45
sdS=289.6
fwS=2.25
0 0 0 0 0 0 0 0 0

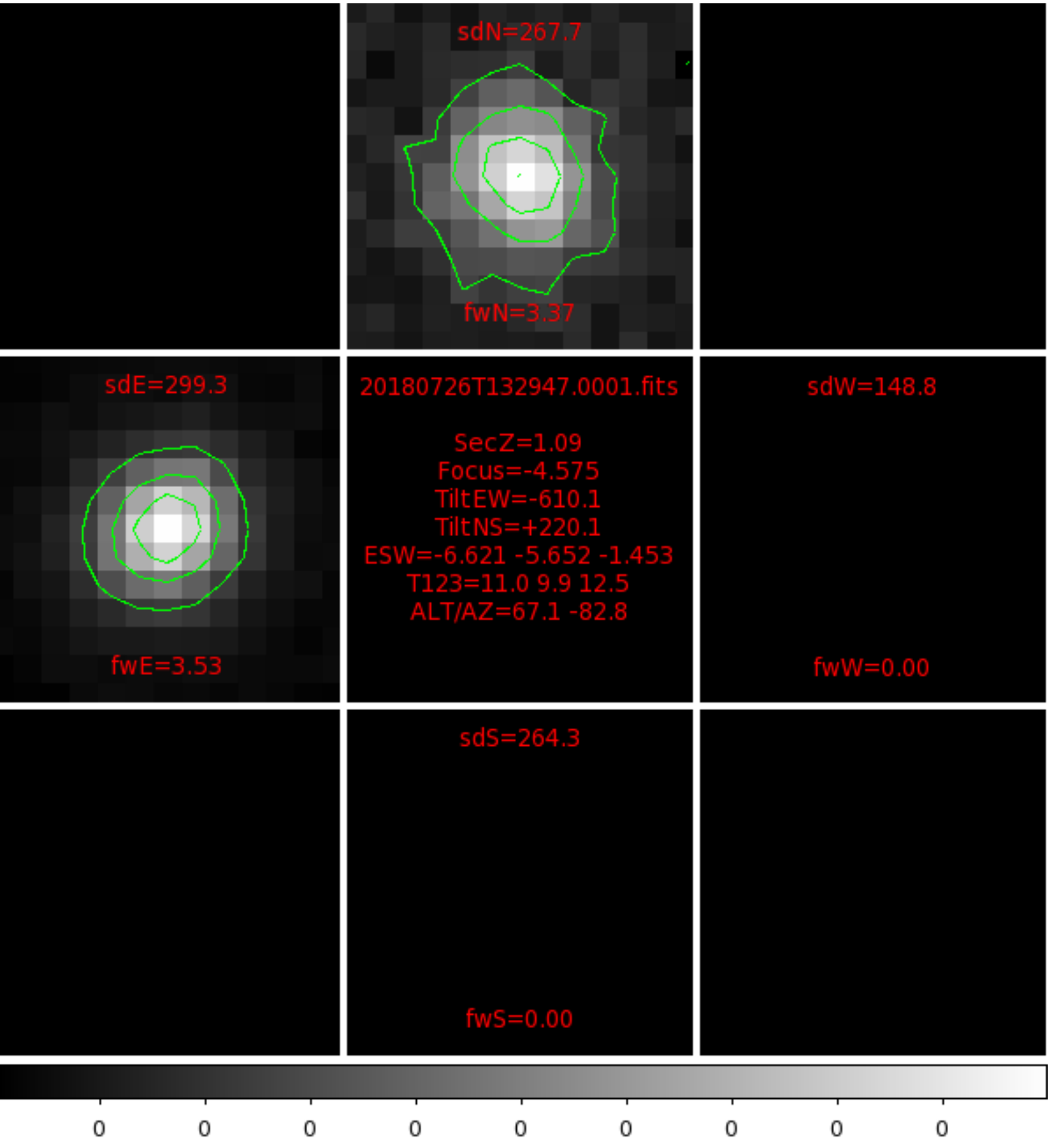

sdN=3057.4
fwN=2.40
sdE=1662.0
fwE=2.27
20180726T132420.0001.fits
SecZ=1.05
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=11.1 10.1 12.5
ALT/AZ=72.1 -87.9
fwAVG=2.38
sdW=1349.1
fwW=2.42
sdS=1271.3
fwS=2.38
0 0 0 0 0 0 0 0 0

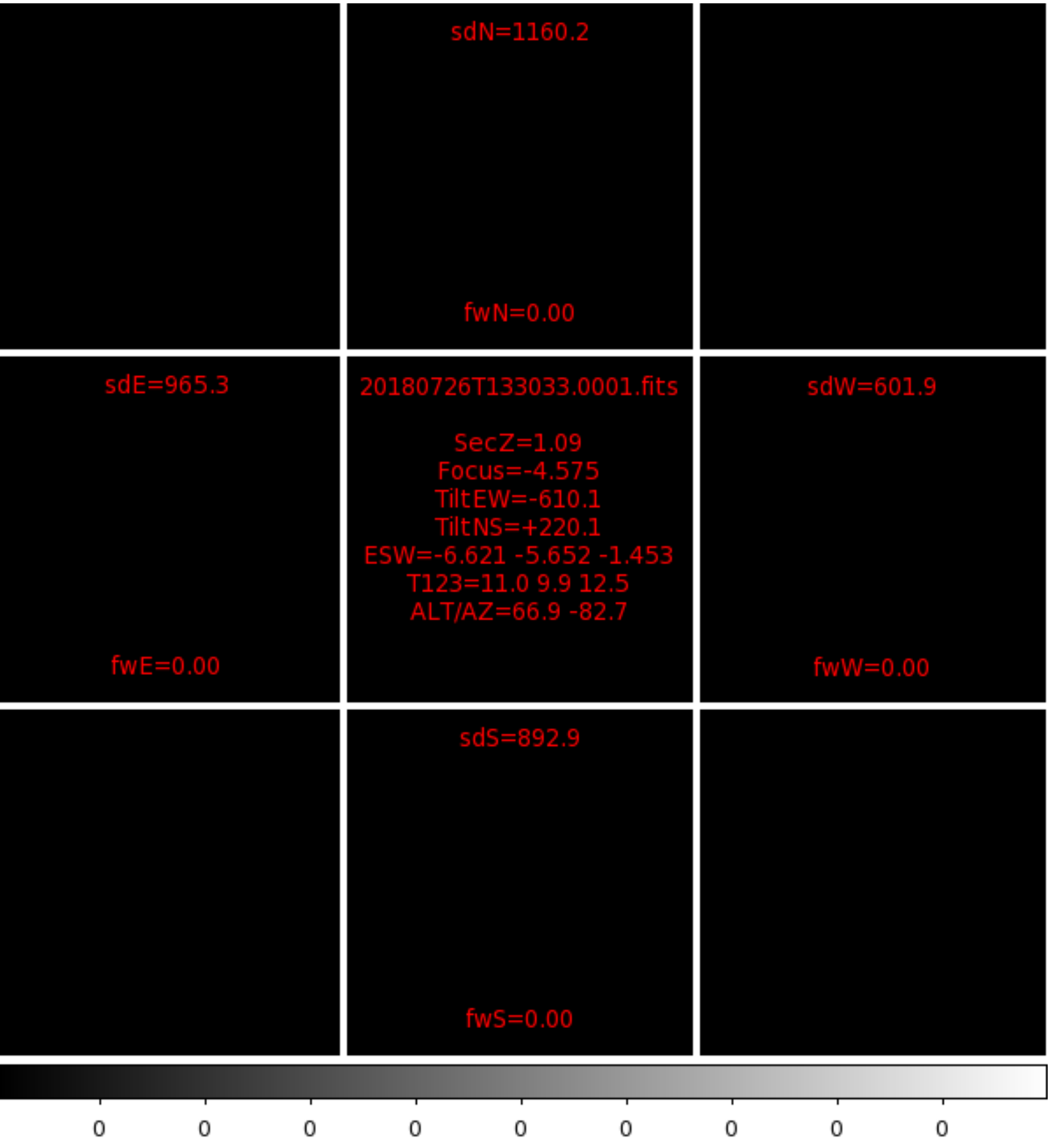

sdN=384.4
fwN=3.12
sdE=1181.9
fwE=3.14
20180726T132545.0001.fits
SecZ=1.06
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=11.1 10.0 12.5
ALT/AZ=70.0 -80.6
fwAVG=2.99
sdW=224.5
fwW=2.84
sdS=240.8
fwS=3.14
0 0 0 0 0 0 0 0 0

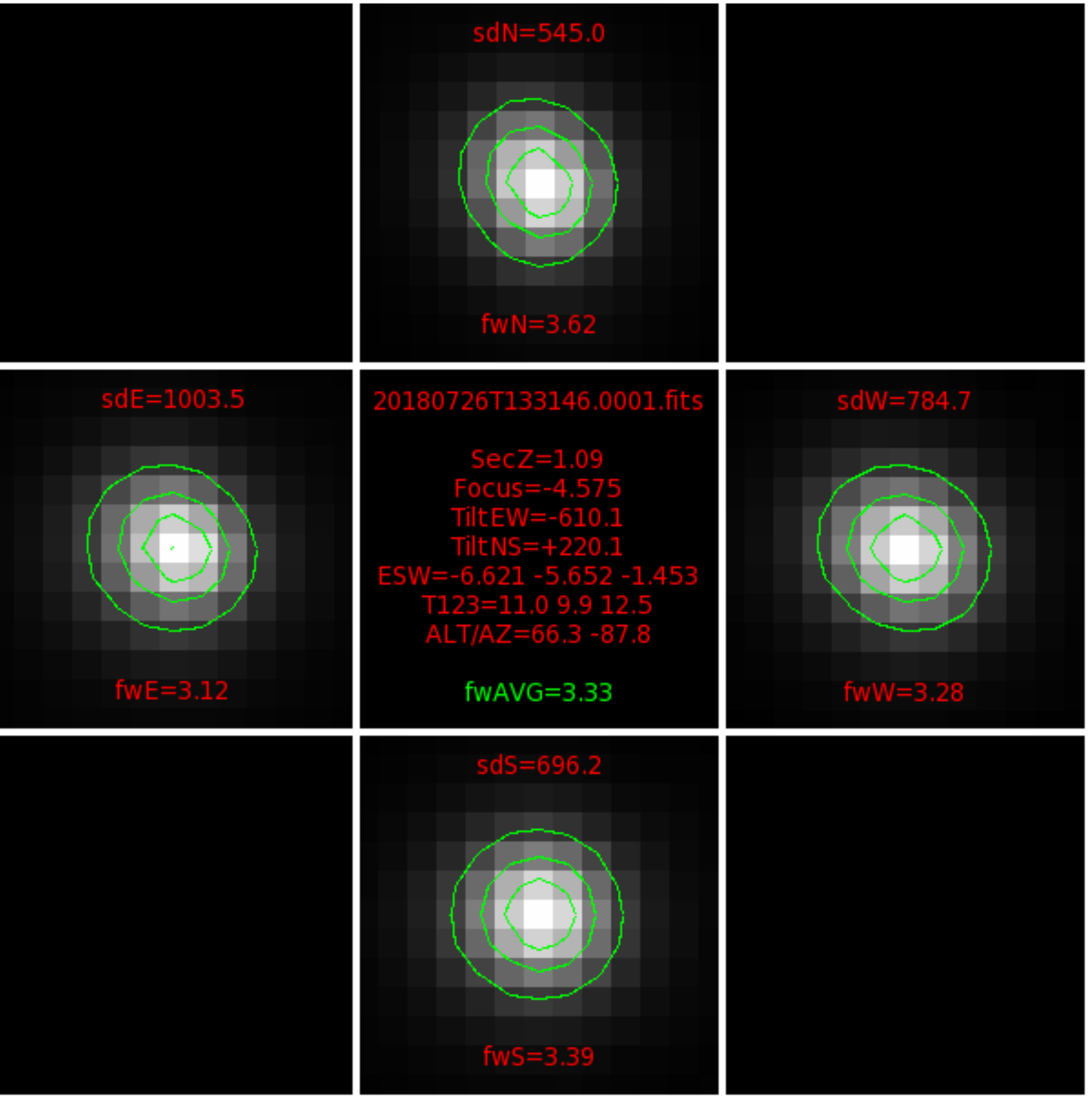

sdN=1062.7
fwN=2.82
sdE=1708.3
fwE=0.00
20180726T132635.0001.fits
SecZ=1.07
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=11.0 0.0 12.5
ALT/AZ=69.9 -80.6
sdW=741.7
fwW=2.67
sdS=815.0
fwS=2.34
0 0 0 0 0 0 0 0 0

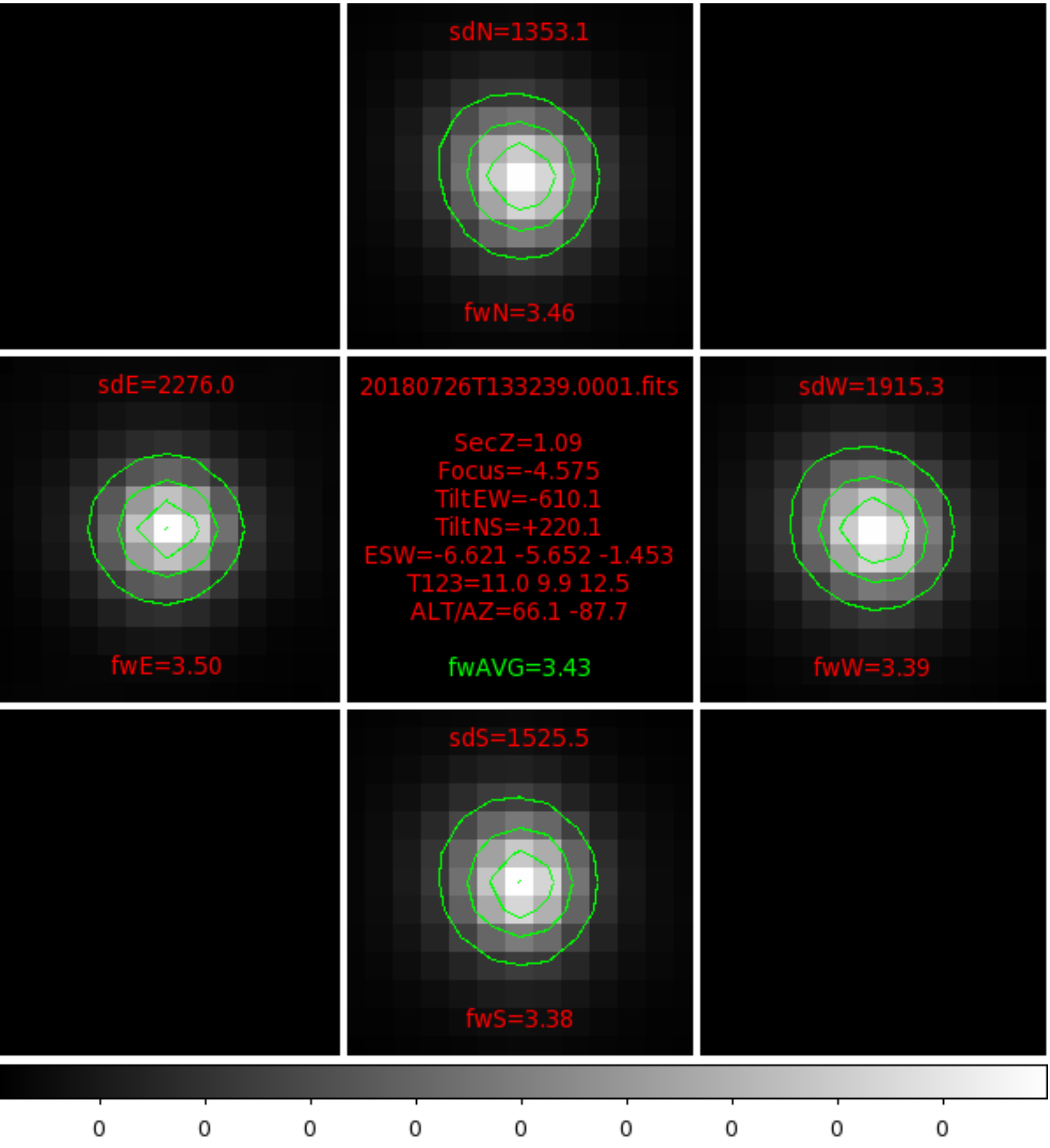

sdN=461.3
fwN=2.64
sdE=771.5
fwE=2.68
20180726T132751.0001.fits
SecZ=1.08
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=11.0 10.0 12.5
ALT/AZ=67.6 -71.8
fwAVG=2.59
sdW=800.6
fwW=2.52
sdS=646.1
fwS=2.55
0 0 0 0 0 0 0 0 0

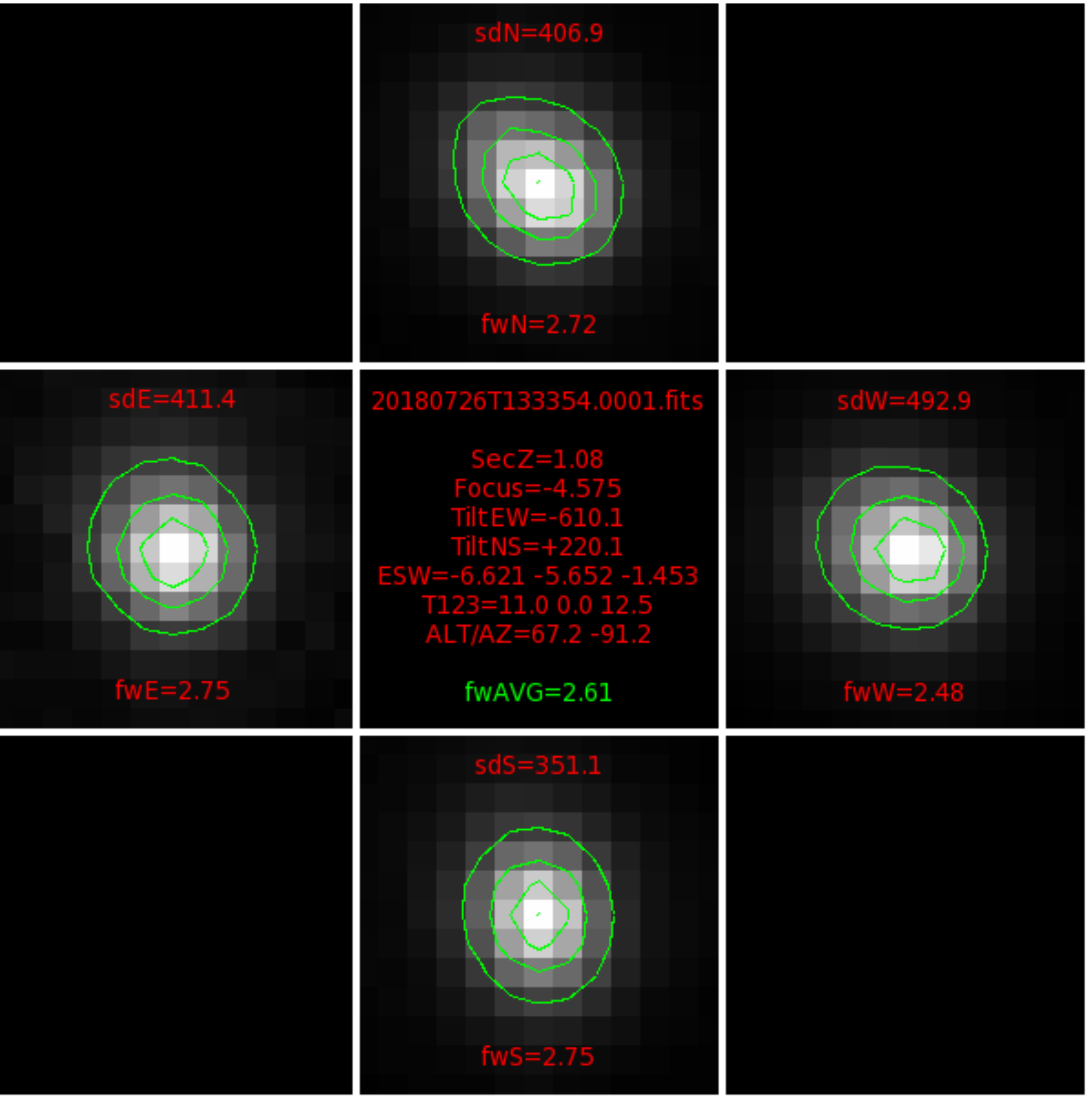

sdN=1134.2
fwN=3.02
sdE=1010.2
fwE=2.89
20180726T132846.0001.fits
SecZ=1.08
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=11.0 9.9 12.5
ALT/AZ=67.4 -71.8
fwAVG=2.93
sdW=2228.7
fwW=2.90
sdS=1558.5
fwS=2.94
0 0 0 0 0 0 0 0 0

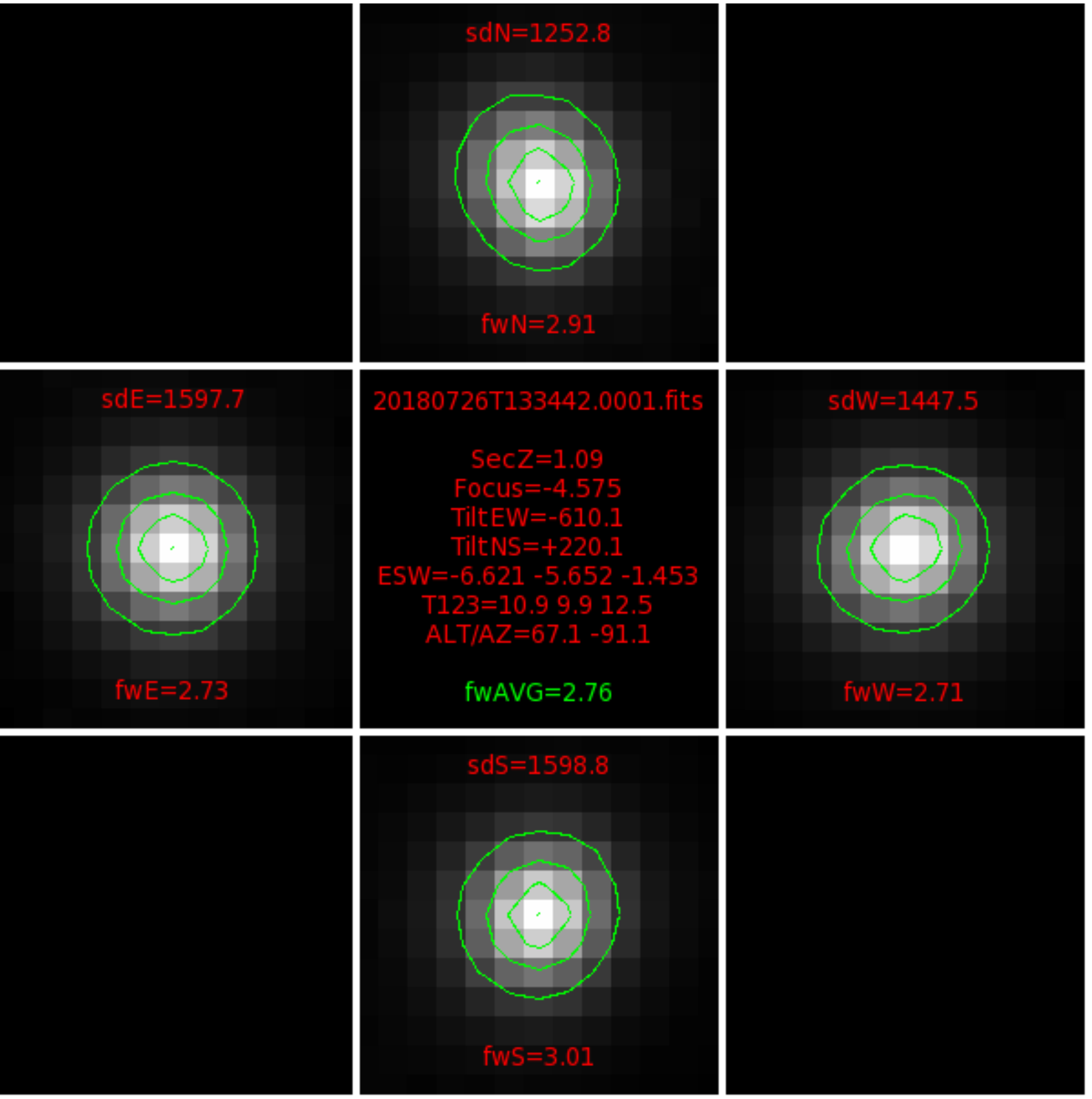

sdN=267.7
fwN=3.37
sdE=299.3
fwE=3.53
20180726T132947.0001.fits
SecZ=1.09
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=11.0 9.9 12.5
ALT/AZ=67.1 -82.8
sdW=148.8
fwW=0.00
sdS=264.3
fwS=0.00
0 0 0 0 0 0 0 0 0

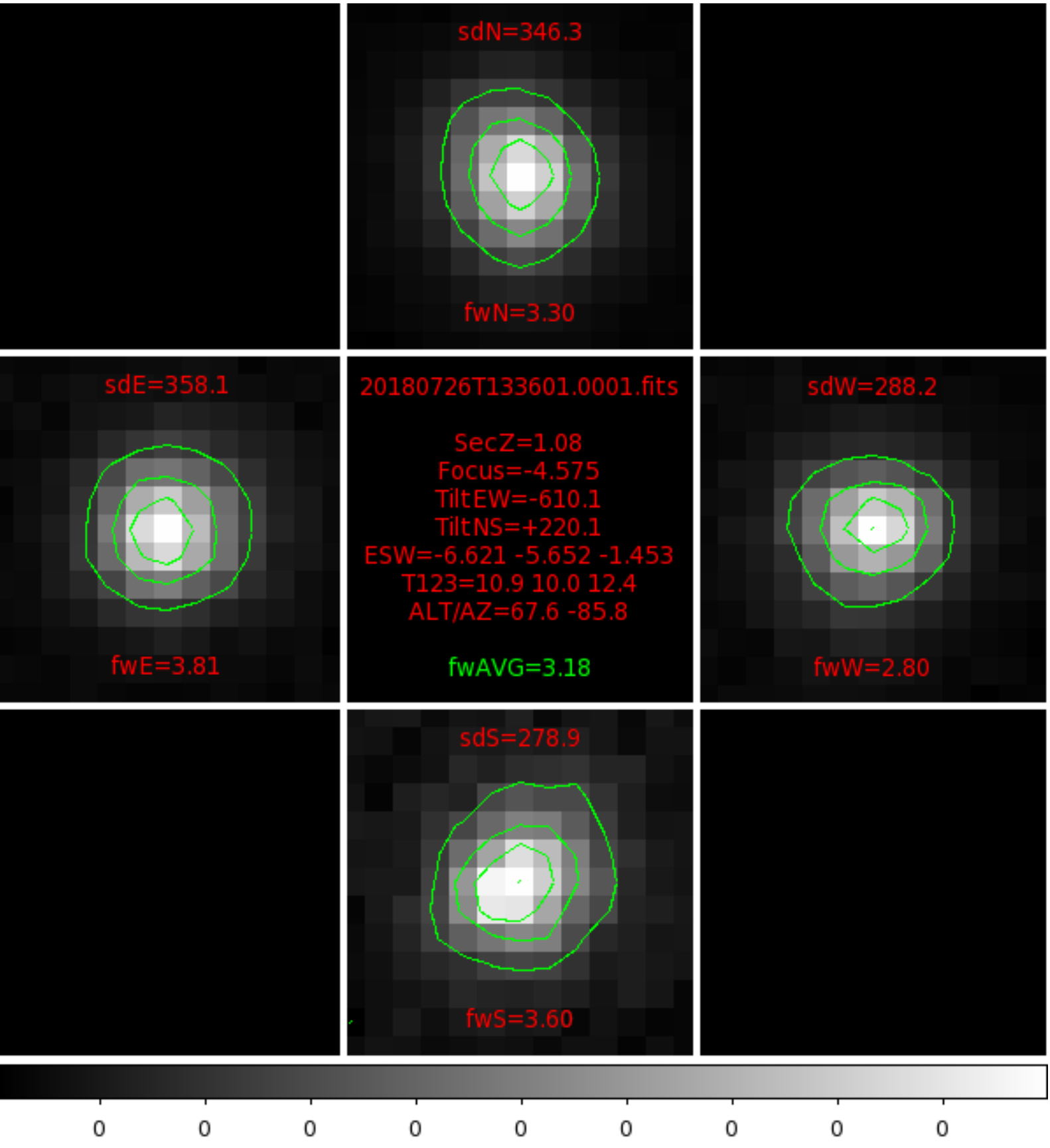

sdN=1160.2
fwN=0.00
sdE=965.3
fwE=0.00
20180726T133033.0001.fits
SecZ=1.09
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=11.0 9.9 12.5
ALT/AZ=66.9 -82.7
sdW=601.9
fwW=0.00
sdS=892.9
fwS=0.00
0 0 0 0 0 0 0 0 0

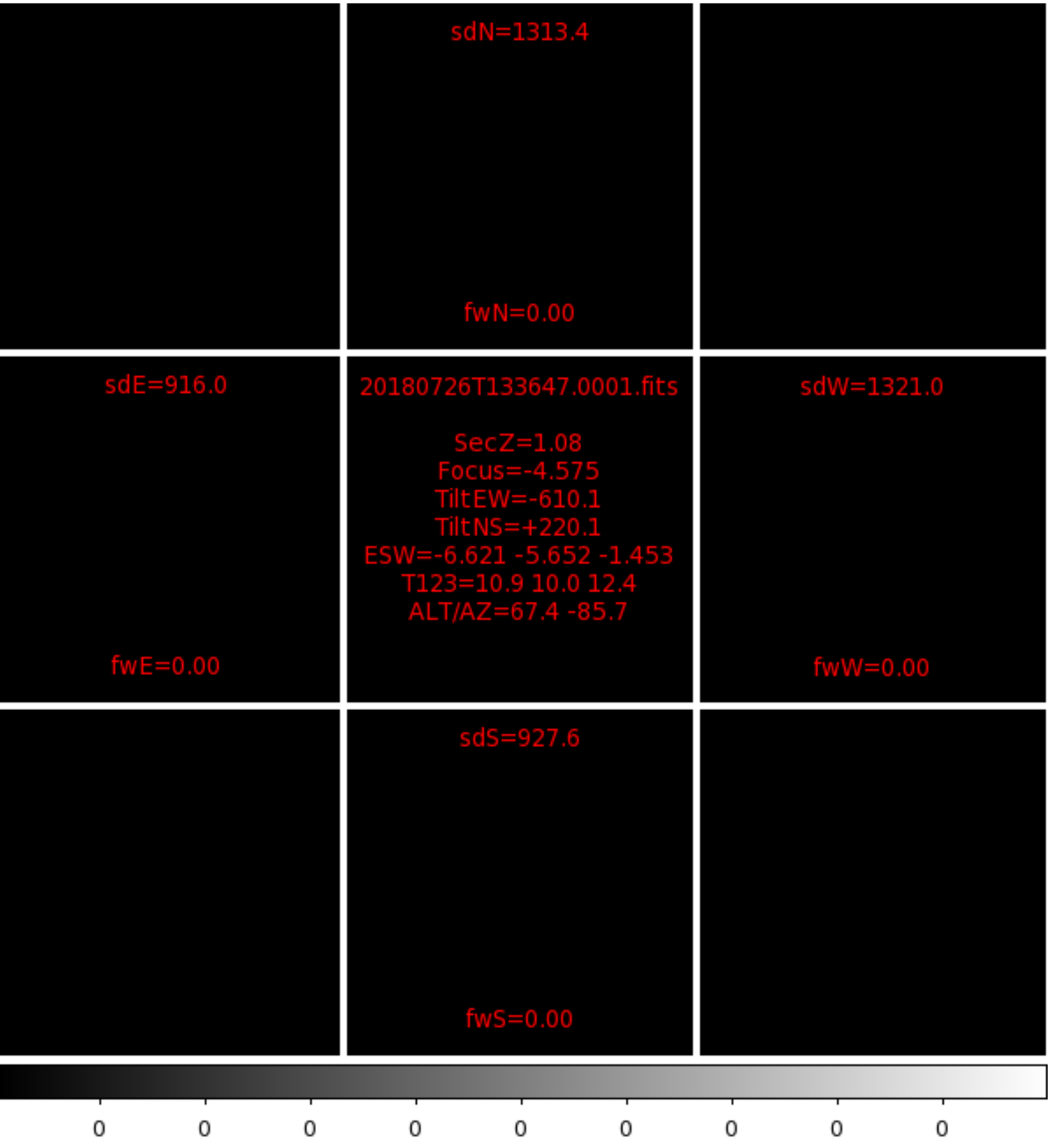

sdN=545.0
fwN=3.62
sdE=1003.5
fwE=3.12
20180726T133146.0001.fits
SecZ=1.09
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=11.0 9.9 12.5
ALT/AZ=66.3 -87.8
fwAVG=3.33
sdW=784.7
fwW=3.28
sdS=696.2
fwS=3.39
0 0 0 0 0 0 0 0 0

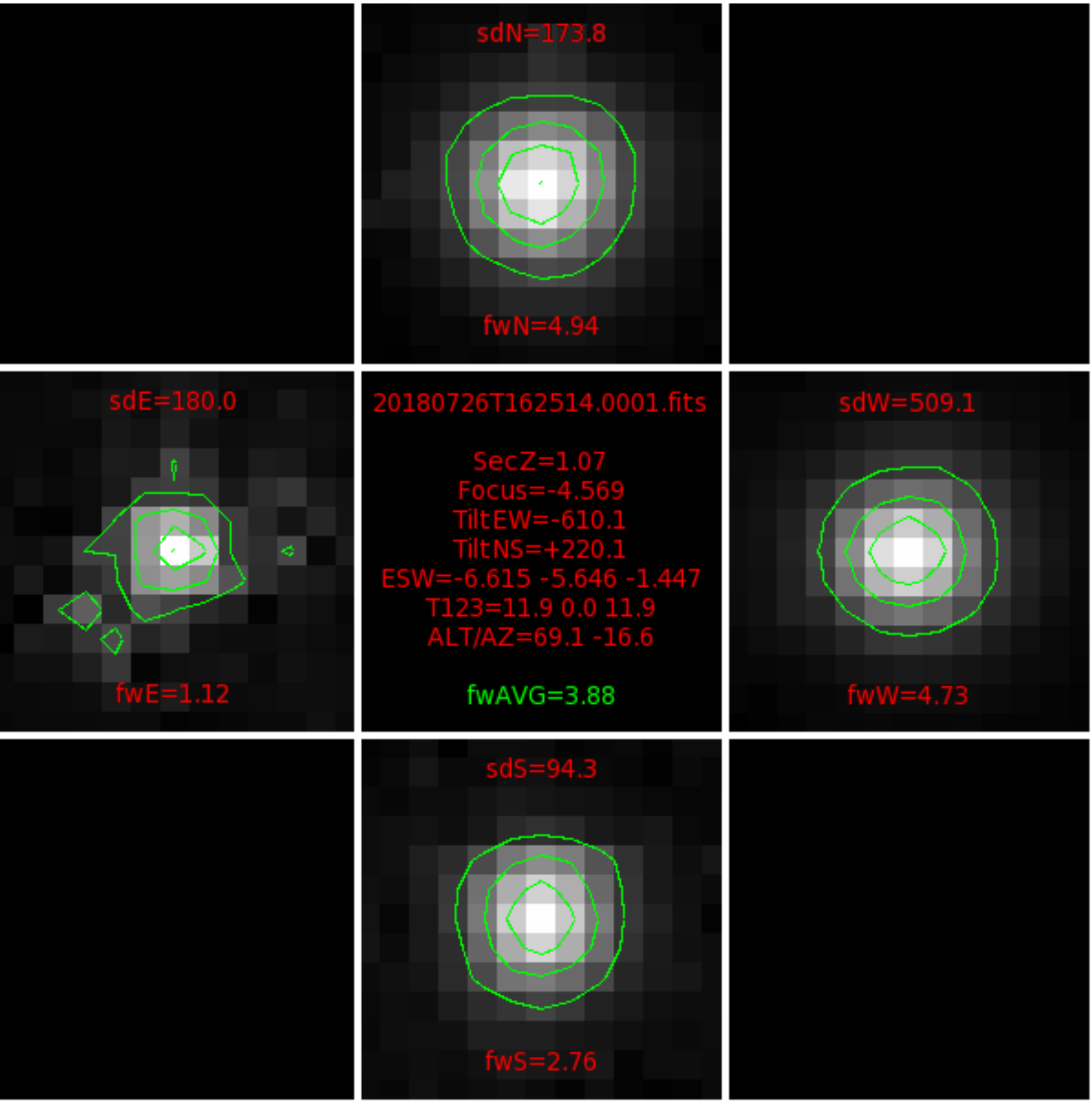

sdN=1353.1
fwN=3.46
sdE=2276.0
fwE=3.50
20180726T133239.0001.fits
SecZ=1.09
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=11.0 9.9 12.5
ALT/AZ=66.1 -87.7
fwAVG=3.43
sdW=1915.3
fwW=3.39
sdS=1525.5
fwS=3.38
0 0 0 0 0 0 0 0 0

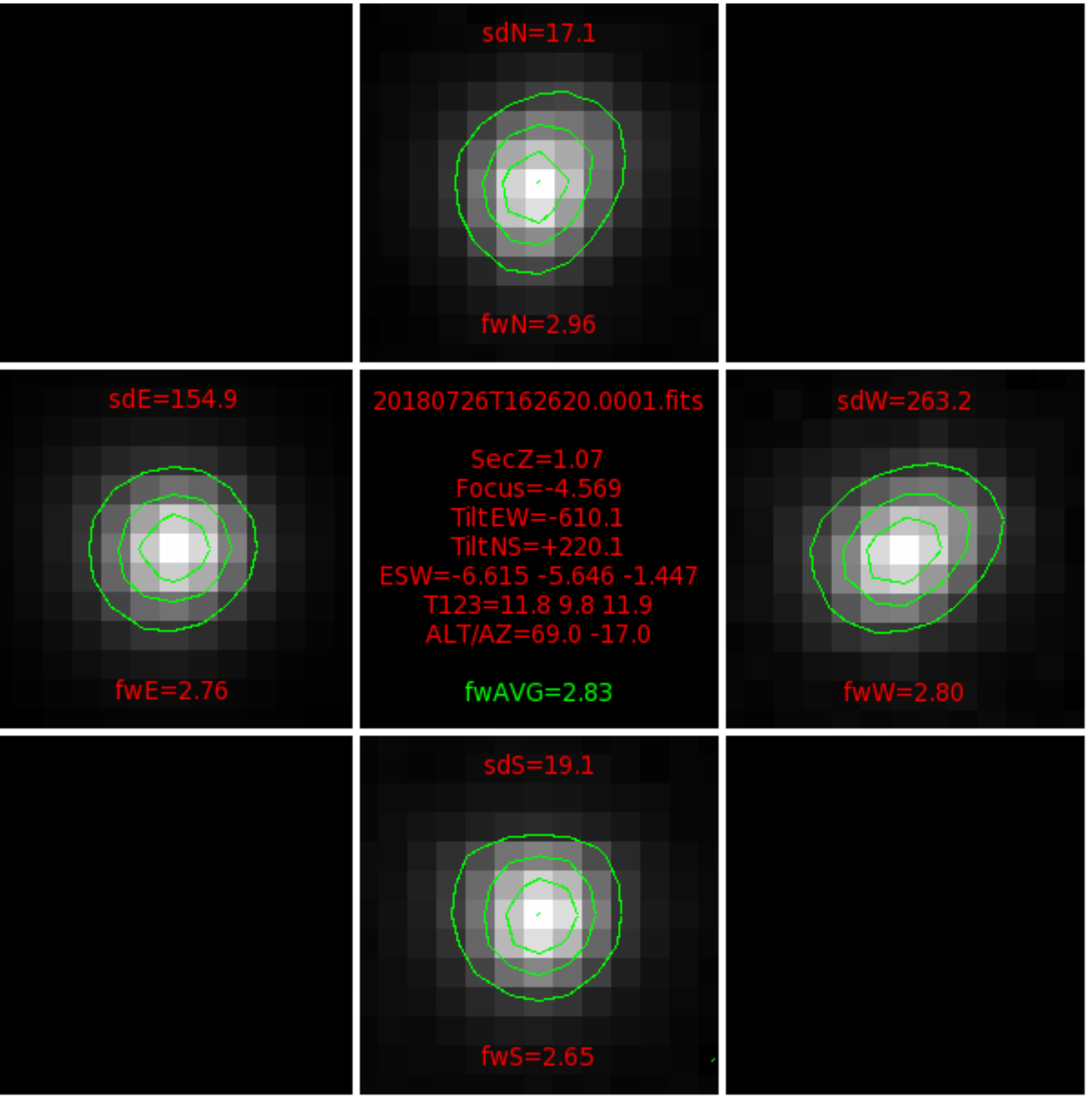

sdN=406.9
fwN=2.72
sdE=411.4
fwE=2.75
20180726T133354.0001.fits
SecZ=1.08
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=11.0 0.0 12.5
ALT/AZ=67.2 -91.2
fwAVG=2.61
sdW=492.9
fwW=2.48
sdS=351.1
fwS=2.75
0 0 0 0 0 0 0 0 0

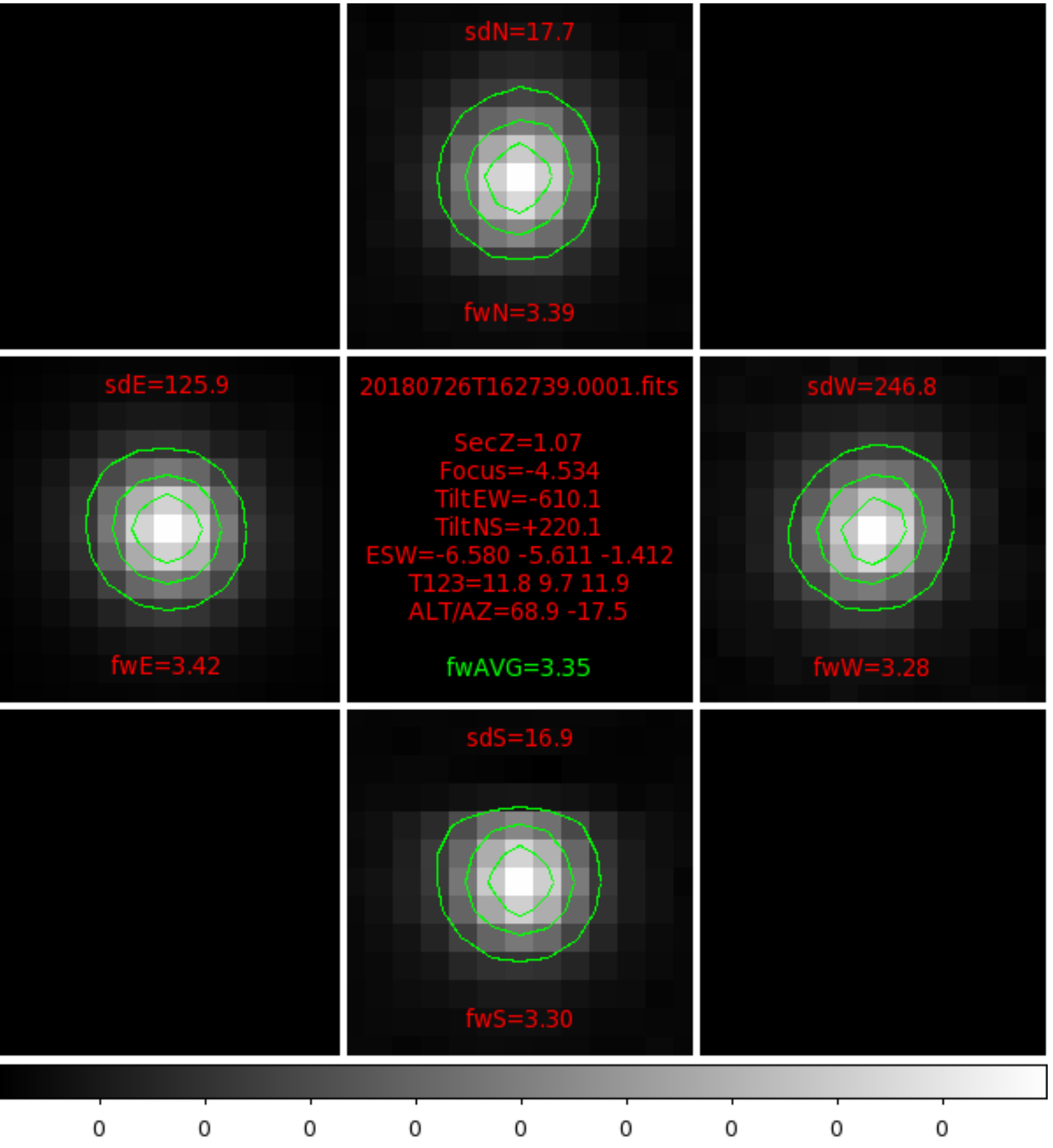

sdN=1252.8
fwN=2.91
sdE=1597.7
fwE=2.73
20180726T133442.0001.fits
SecZ=1.09
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=10.9 9.9 12.5
ALT/AZ=67.1 -91.1
fwAVG=2.76
sdW=1447.5
fwW=2.71
sdS=1598.8
fwS=3.01
0 0 0 0 0 0 0 0 0

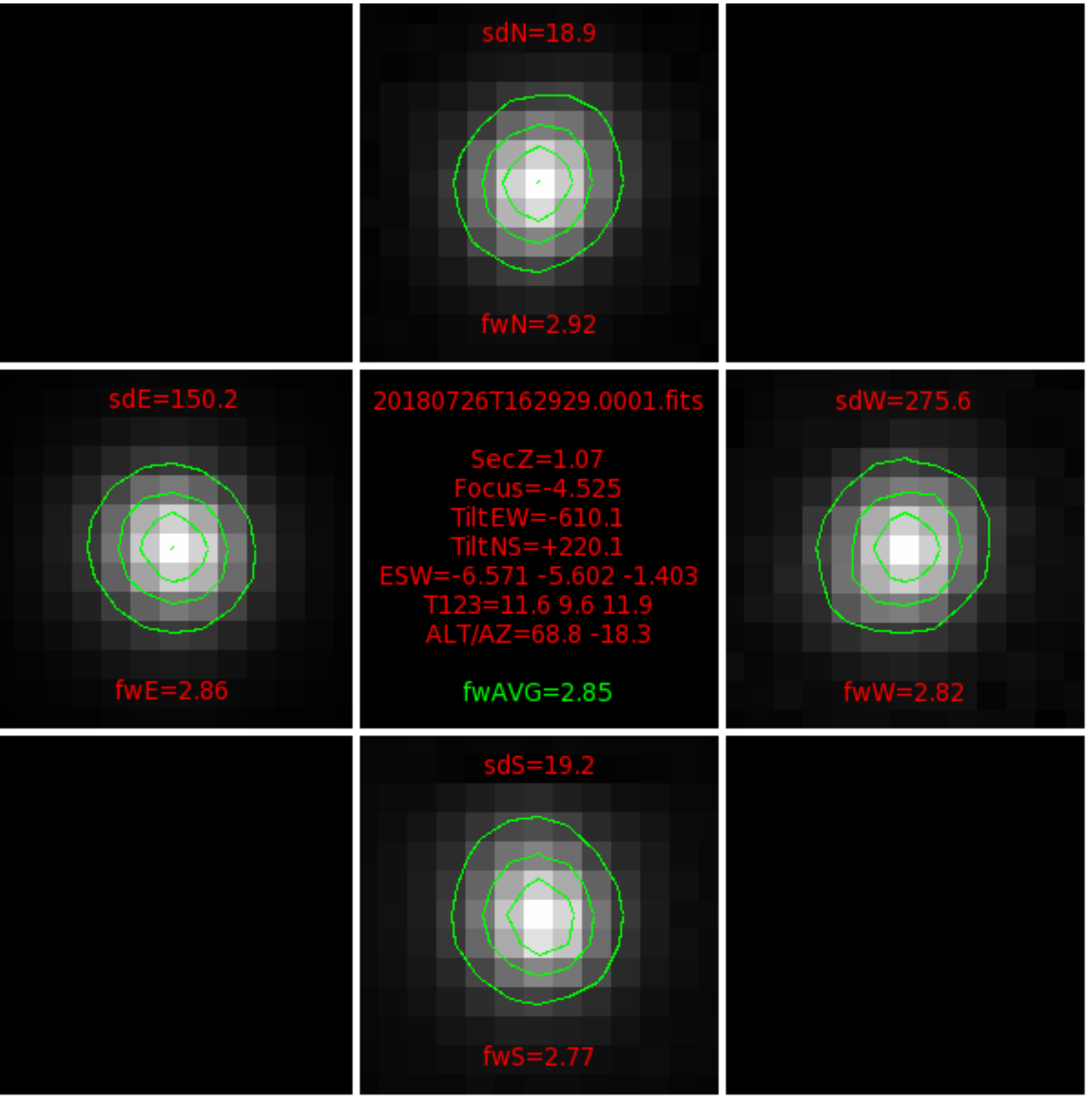

sdN=346.3
fwN=3.30
sdE=358.1
fwE=3.81
20180726T133601.0001.fits
SecZ=1.08
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=10.9 10.0 12.4
ALT/AZ=67.6 -85.8
fwAVG=3.18
sdW=288.2
fwW=2.80
sdS=278.9
fwS=3.60
0 0 0 0 0 0 0 0 0

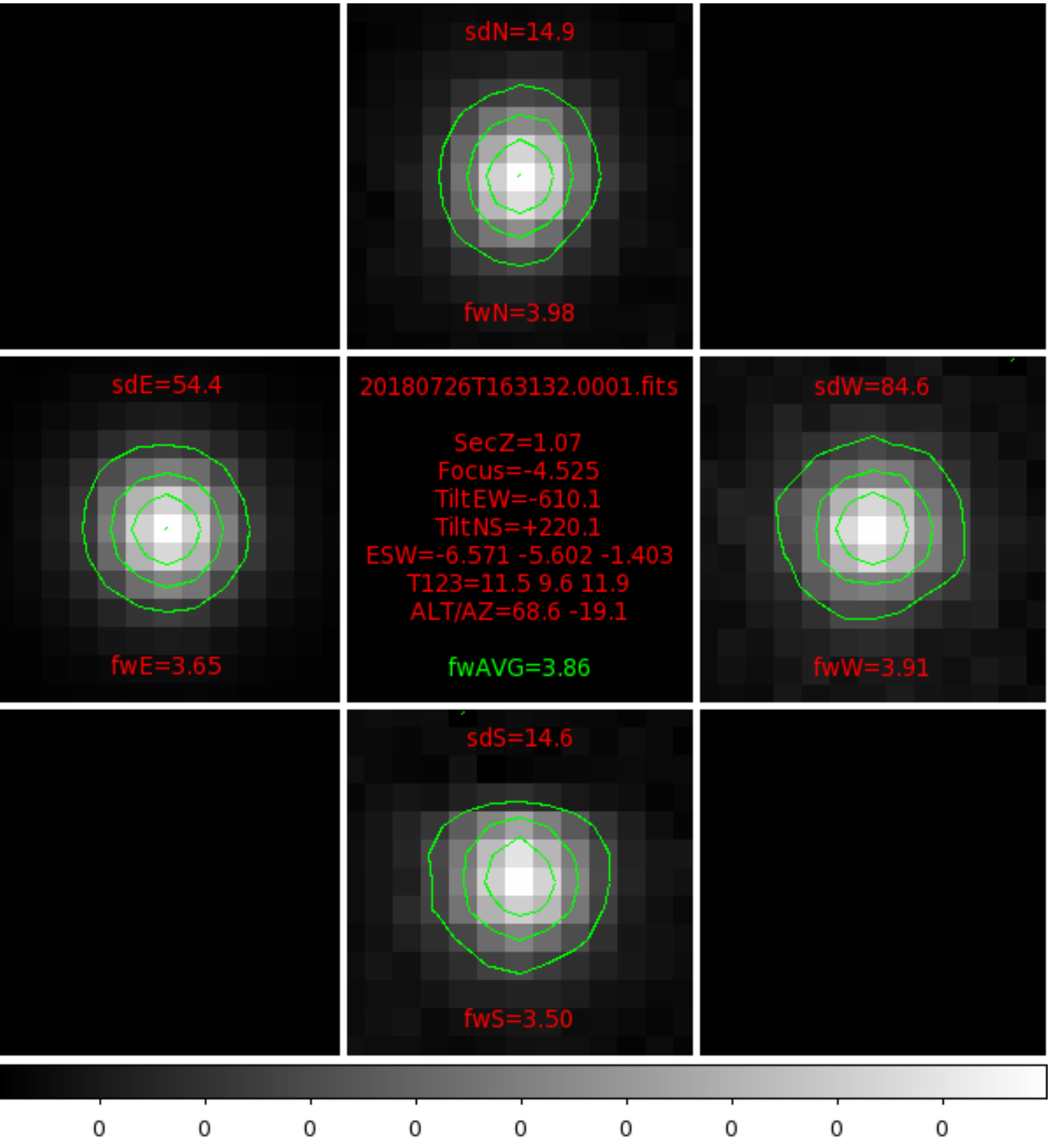

sdN=1313.4
fwN=0.00
sdE=916.0
20180726T133647.0001.fits
SecZ=1.08
Focus=-4.575
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.621 -5.652 -1.453
T123=10.9 10.0 12.4
ALT/AZ=67.4 -85.7
sdW=1321.0
fwE=0.00
fwW=0.00
sdS=927.6
fwS=0.00
0 0 0 0 0 0 0 0 0

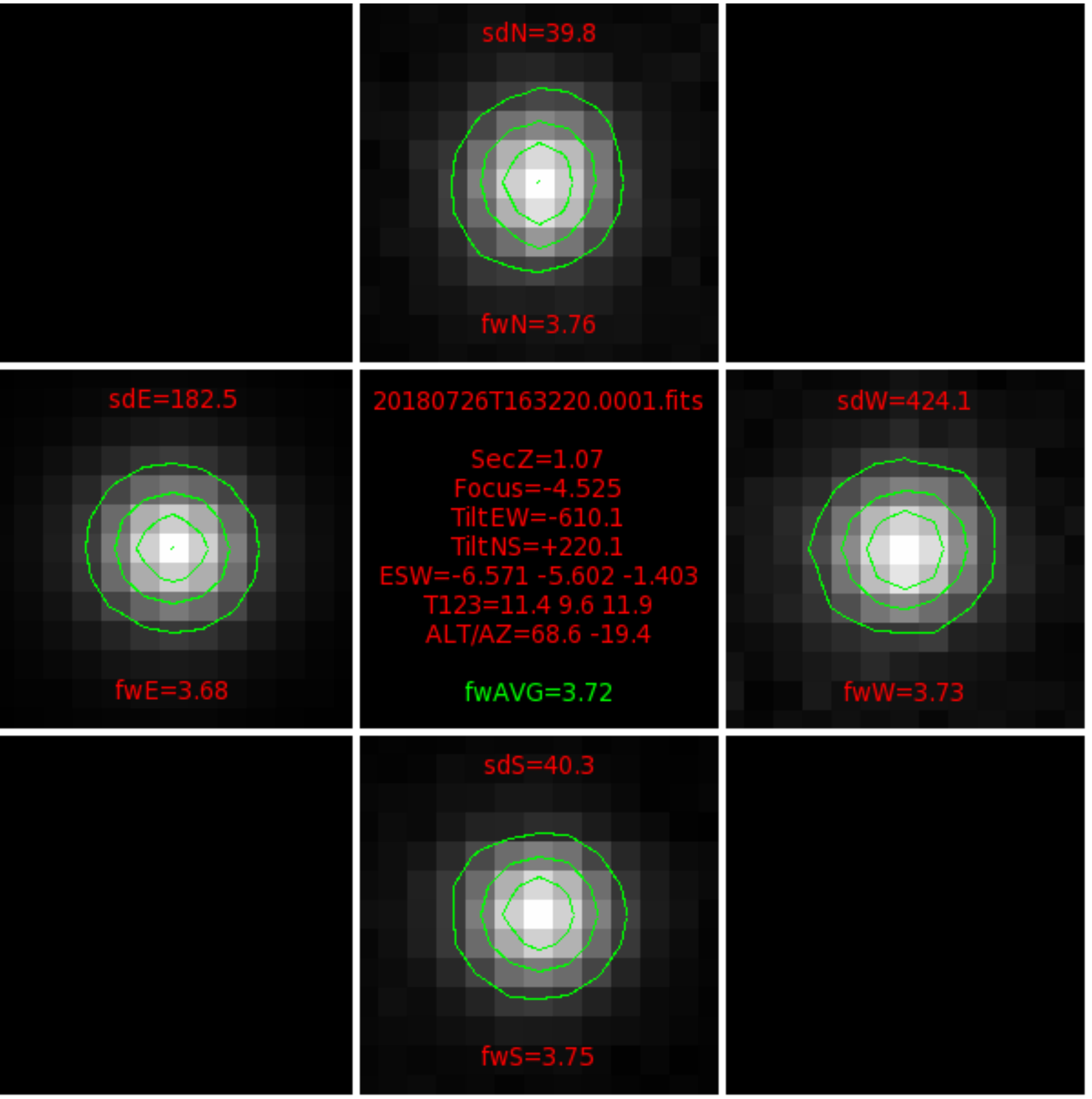

sdN=173.8
fwN=4.94
sdE=180.0
fwE=1.12
20180726T162514.0001.fits
SecZ=1.07
Focus=-4.569
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.615 -5.646 -1.447
T123=11.9 0.0 11.9
ALT/AZ=69.1 -16.6
fwAVG=3.88
sdW=509.1
fwW=4.73
sdS=94.3
fwS=2.76
0 0 0 0 0 0 0 0 0

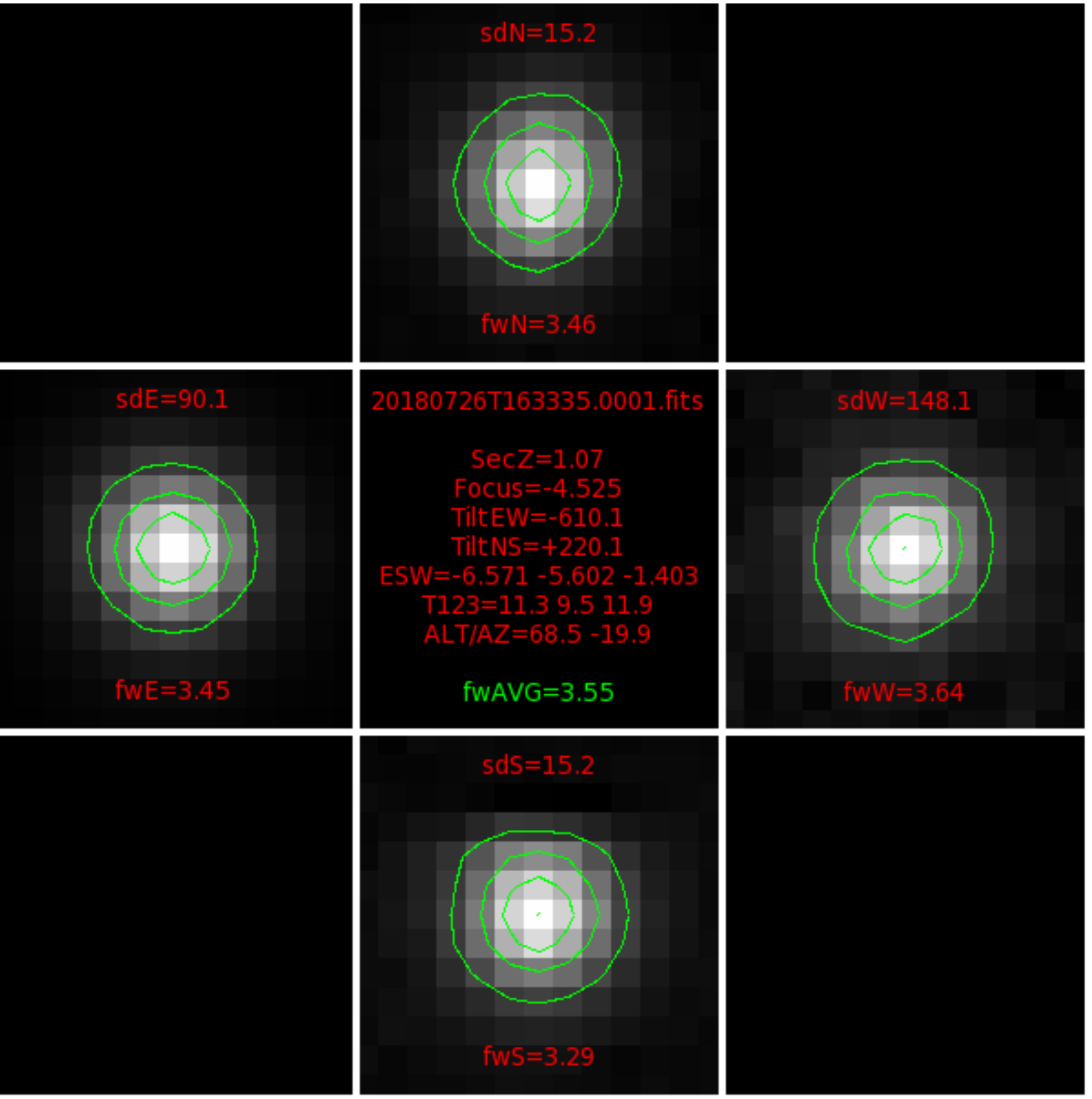

sdN=17.1
fwN=2.96
sdE=154.9
fwE=2.76
20180726T162620.0001.fits
SecZ=1.07
Focus=-4.569
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.615 -5.646 -1.447
T123=11.8 9.8 11.9
ALT/AZ=69.0 -17.0
fwAVG=2.83
sdW=263.2
fwW=2.80
sdS=19.1
fwS=2.65
0 0 0 0 0 0 0 0 0

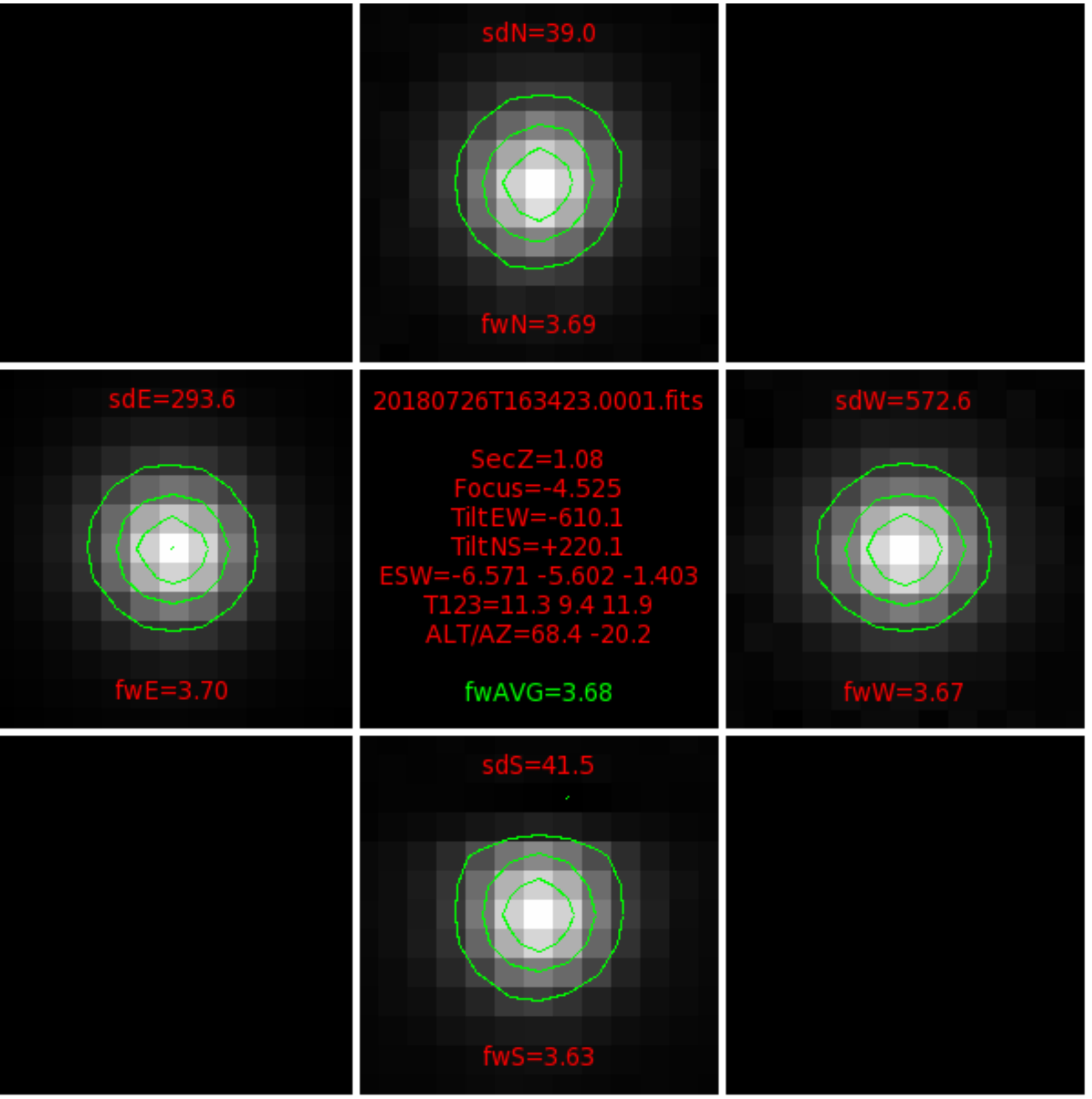

sdN=17.7
fwN=3.39
sdE=125.9
fwE=3.42
20180726T162739.0001.fits
SecZ=1.07
Focus=-4.534
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.580 -5.611 -1.412
T123=11.8 9.7 11.9
ALT/AZ=68.9 -17.5
fwAVG=3.35
sdW=246.8
fwW=3.28
sdS=16.9
fwS=3.30
0 0 0 0 0 0 0 0 0

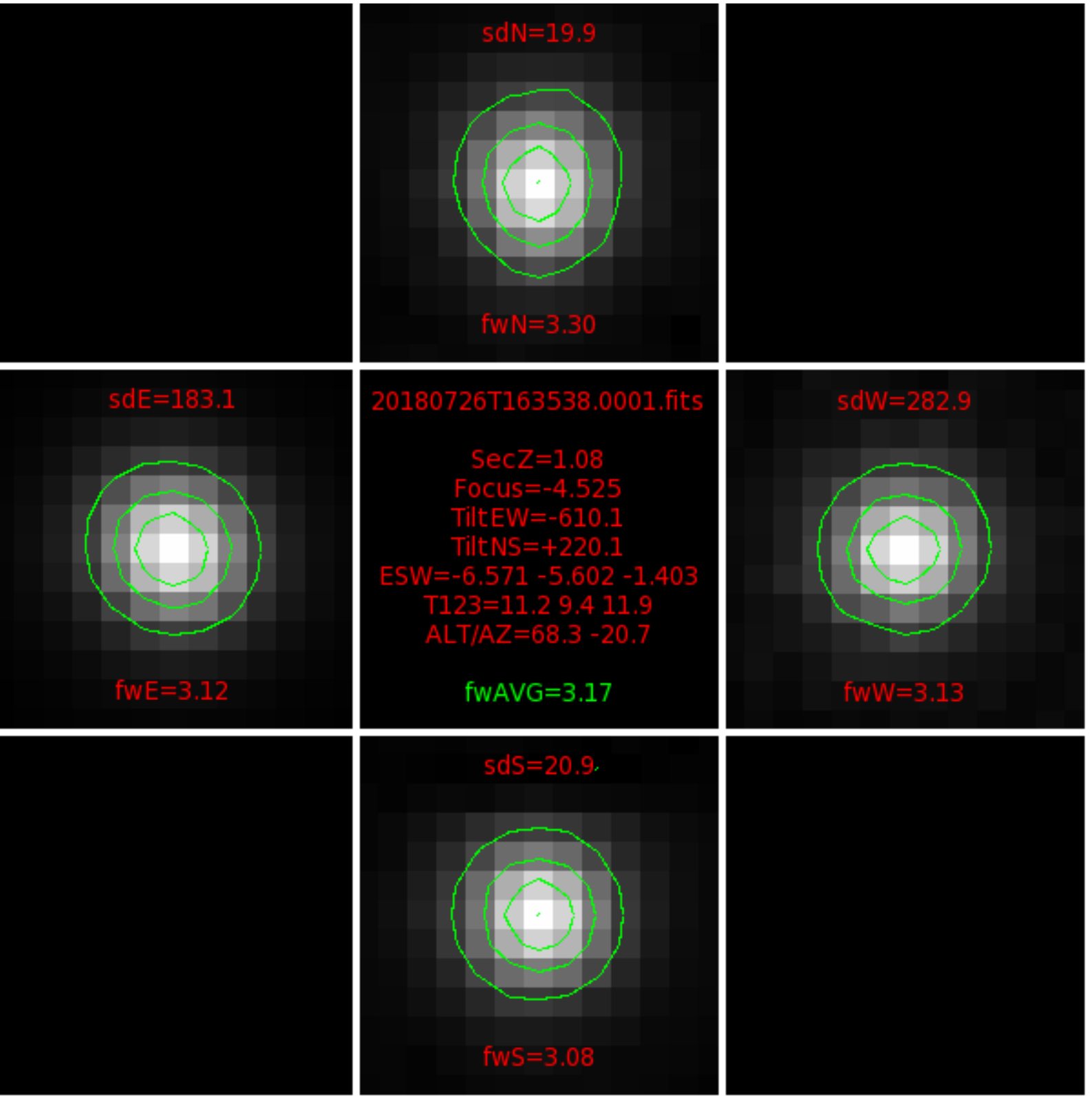

sdN=18.9
fwN=2.92
sdE=150.2
fwE=2.86
20180726T162929.0001.fits
SecZ=1.07
Focus=-4.525
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.571 -5.602 -1.403
T123=11.6 9.6 11.9
ALT/AZ=68.8 -18.3
fwAVG=2.85
sdW=275.6
fwW=2.82
sdS=19.2
fwS=2.77
0 0 0 0 0 0 0 0 0

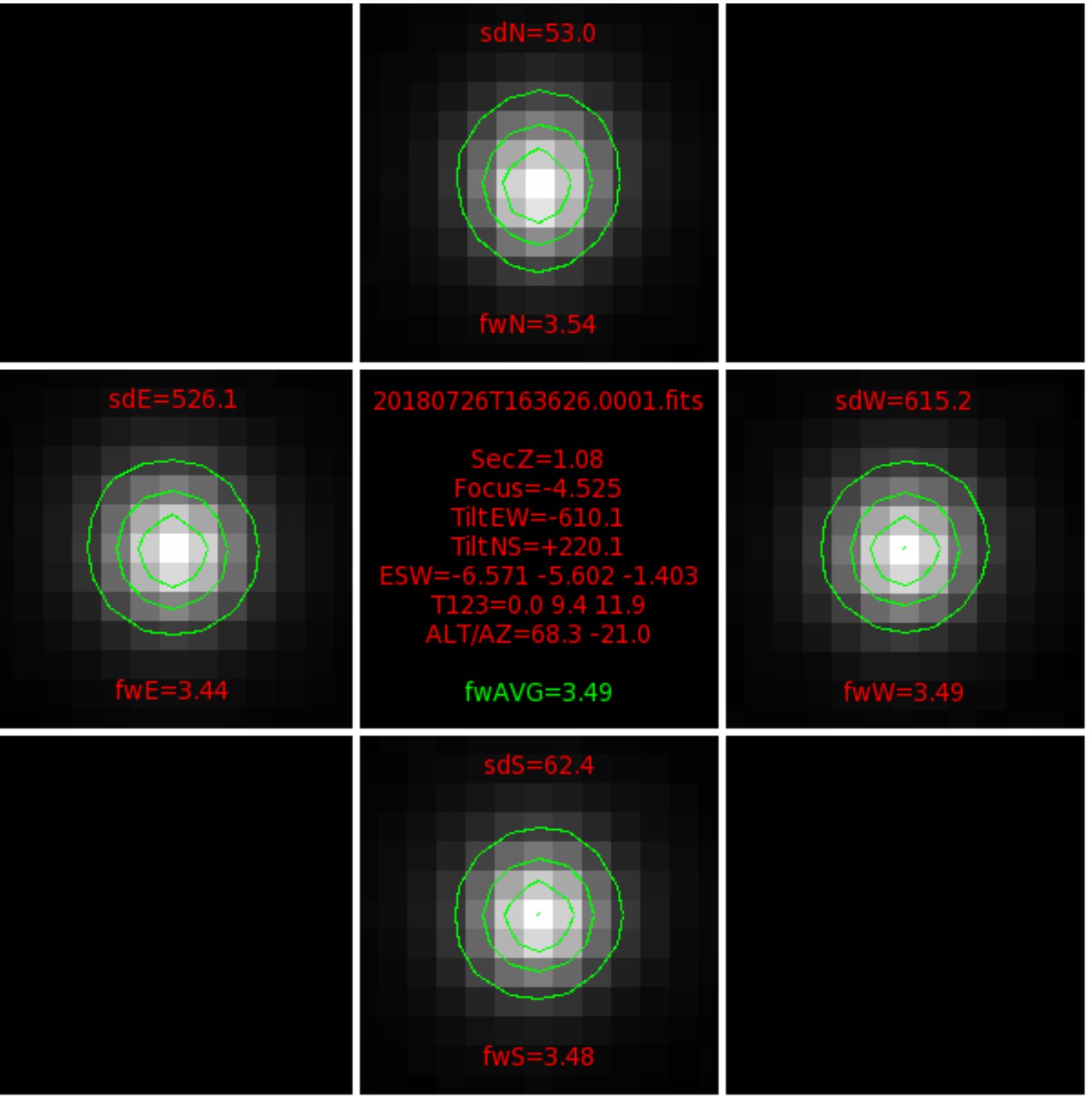

sdN=14.9
fwN=3.98
sdE=54.4
fwE=3.65
20180726T163132.0001.fits
SecZ=1.07
Focus=-4.525
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.571 -5.602 -1.403
T123=11.5 9.6 11.9
ALT/AZ=68.6 -19.1
fwAVG=3.86
sdW=84.6
fwW=3.91
sdS=14.6
fwS=3.50
0 0 0 0 0 0 0 0 0

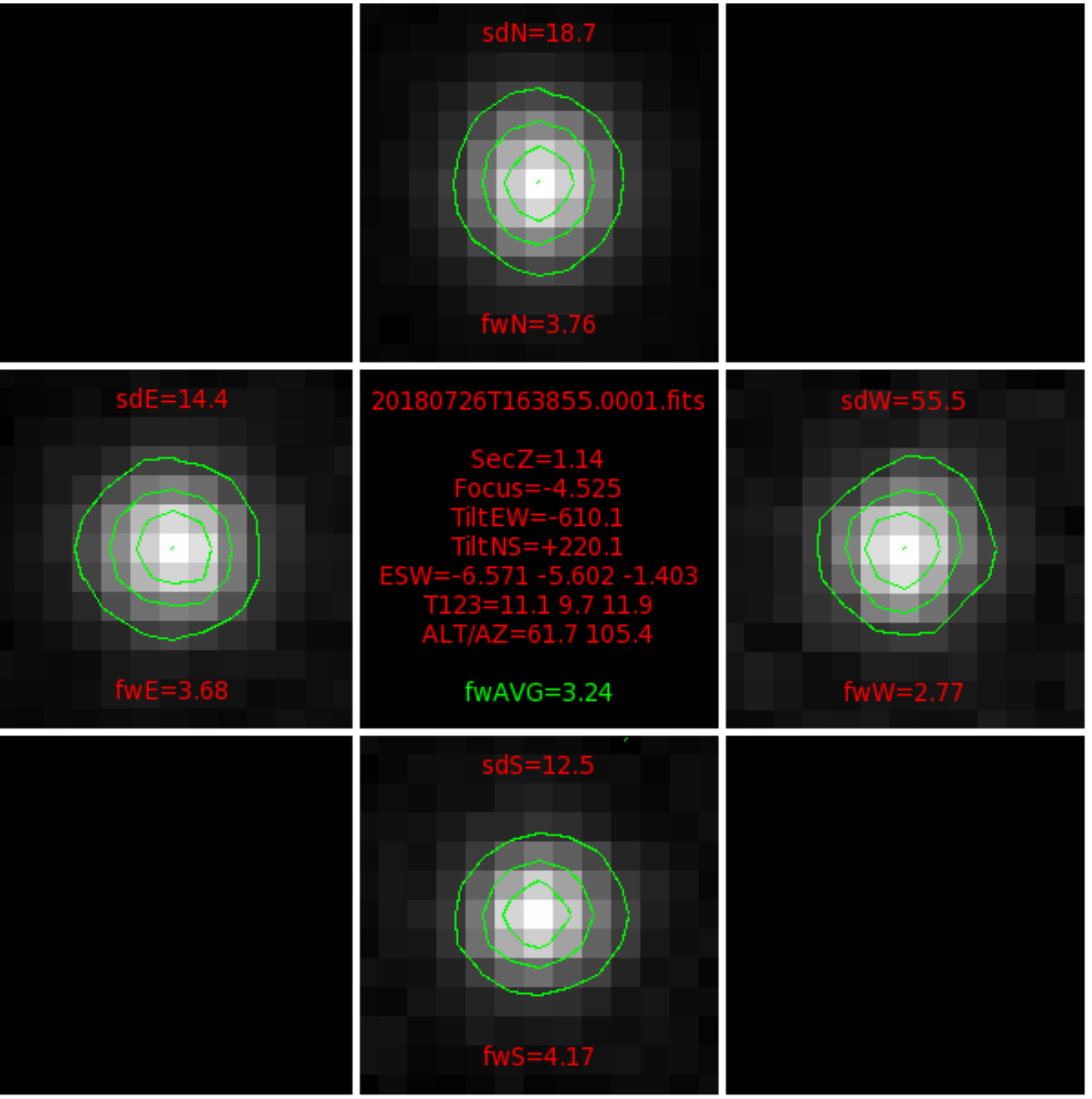

sdN=39.8
fwN=3.76
sdE=182.5
fwE=3.68
20180726T163220.0001.fits
SecZ=1.07
Focus=-4.525
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.571 -5.602 -1.403
T123=11.4 9.6 11.9
ALT/AZ=68.6 -19.4
fwAVG=3.72
sdW=424.1
fwW=3.73
sdS=40.3
fwS=3.75
0 0 0 0 0 0 0 0 0

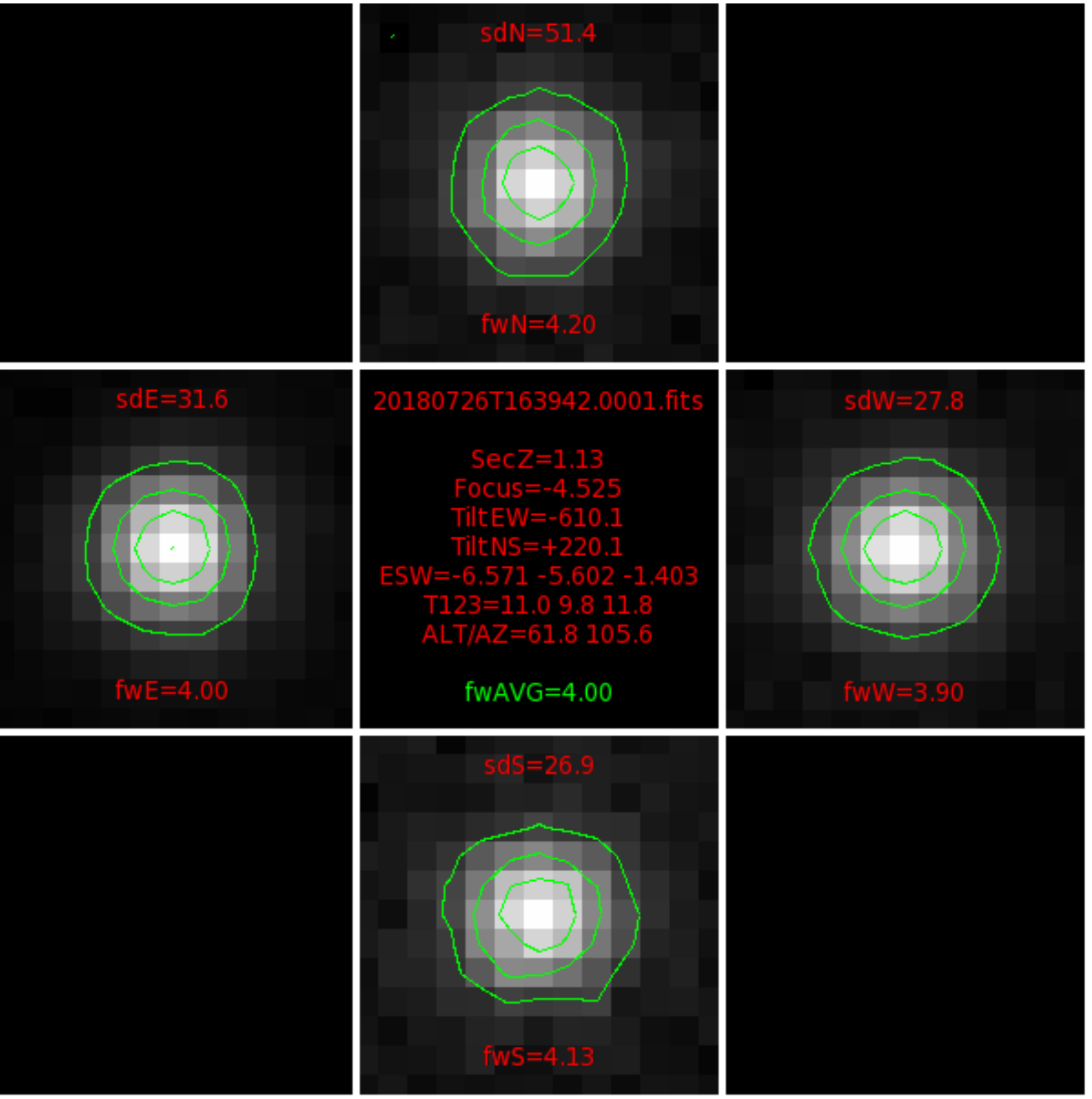

sdN=15.2
fwN=3.46
sdE=90.1
fwE=3.45
20180726T163335.0001.fits
SecZ=1.07
Focus=-4.525
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.571 -5.602 -1.403
T123=11.3 9.5 11.9
ALT/AZ=68.5 -19.9
fwAVG=3.55
sdW=148.1
fwW=3.64
sdS=15.2
fwS=3.29
0 0 0 0 0 0 0 0 0

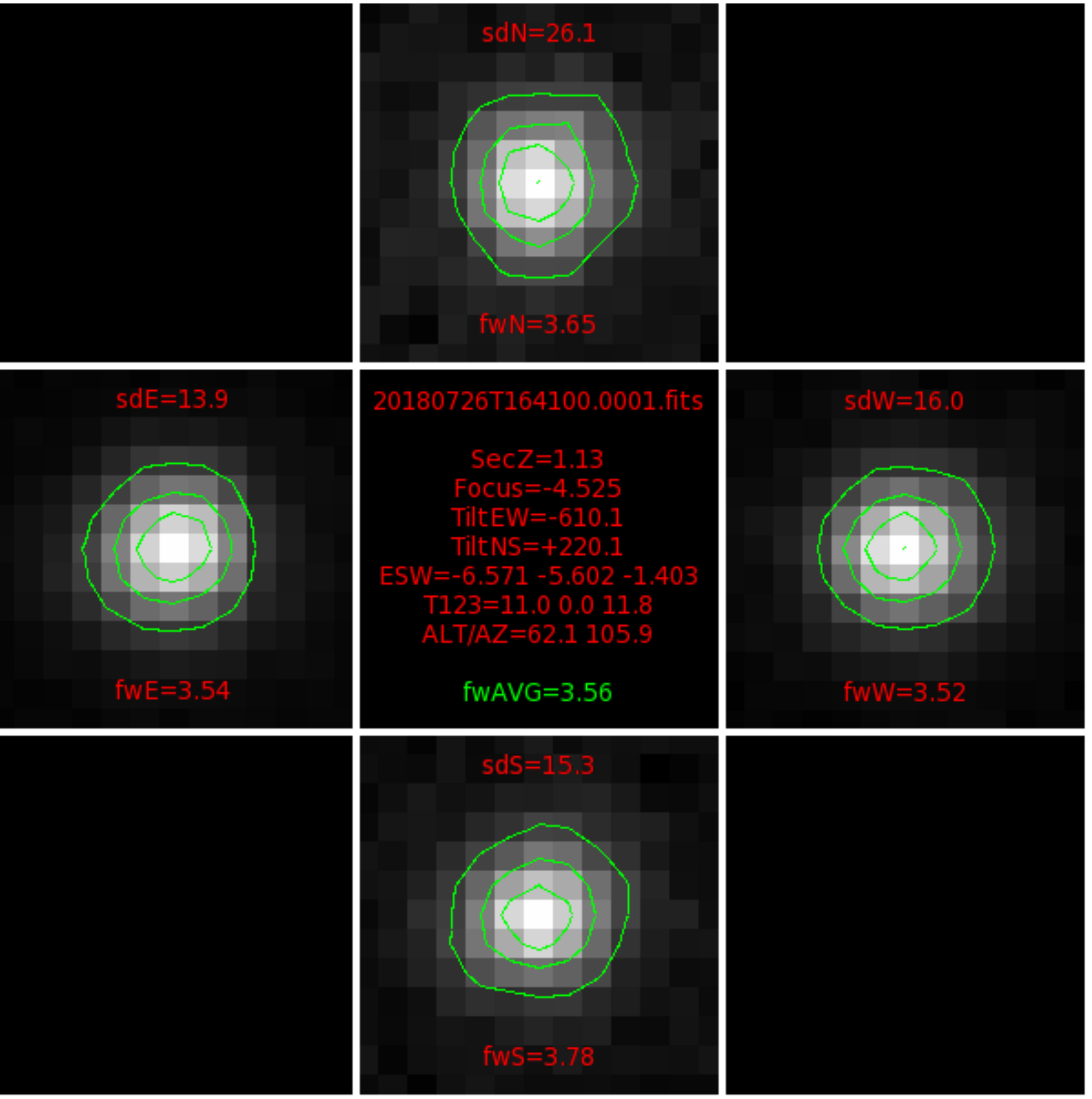

sdN=39.0
fwN=3.69
sdE=293.6
fwE=3.70
20180726T163423.0001.fits
SecZ=1.08
Focus=-4.525
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.571 -5.602 -1.403
T123=11.3 9.4 11.9
ALT/AZ=68.4 -20.2
fwAVG=3.68
sdW=572.6
fwW=3.67
sdS=41.5
fwS=3.63
0 0 0 0 0 0 0 0 0

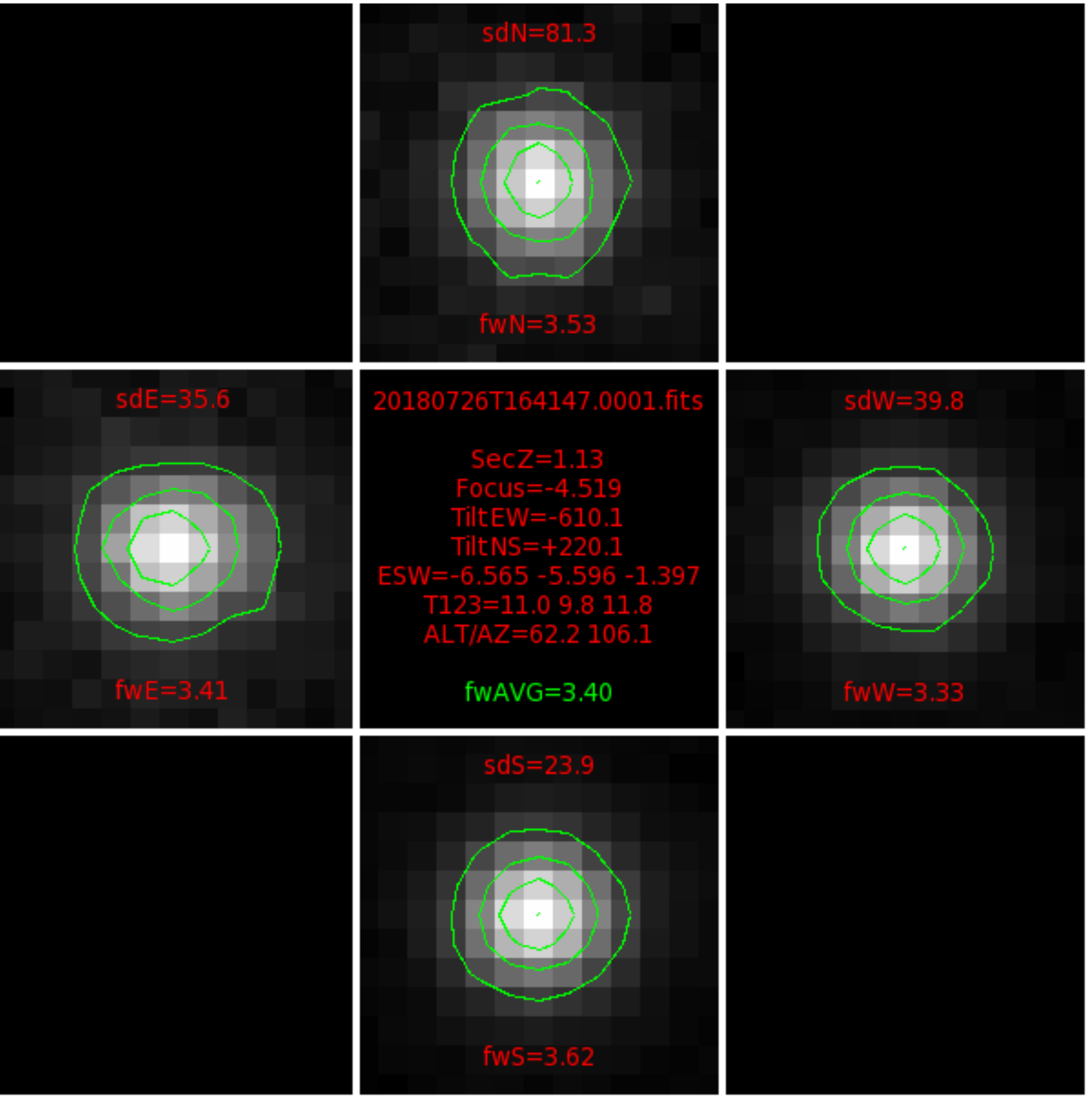

sdN=19.9
fwN=3.30
sdE=183.1
fwE=3.12
20180726T163538.0001.fits
SecZ=1.08
Focus=-4.525
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.571 -5.602 -1.403
T123=11.2 9.4 11.9
ALT/AZ=68.3 -20.7
fwAVG=3.17
sdW=282.9
fwW=3.13
sdS=20.9
fwS=3.08
0 0 0 0 0 0 0 0 0

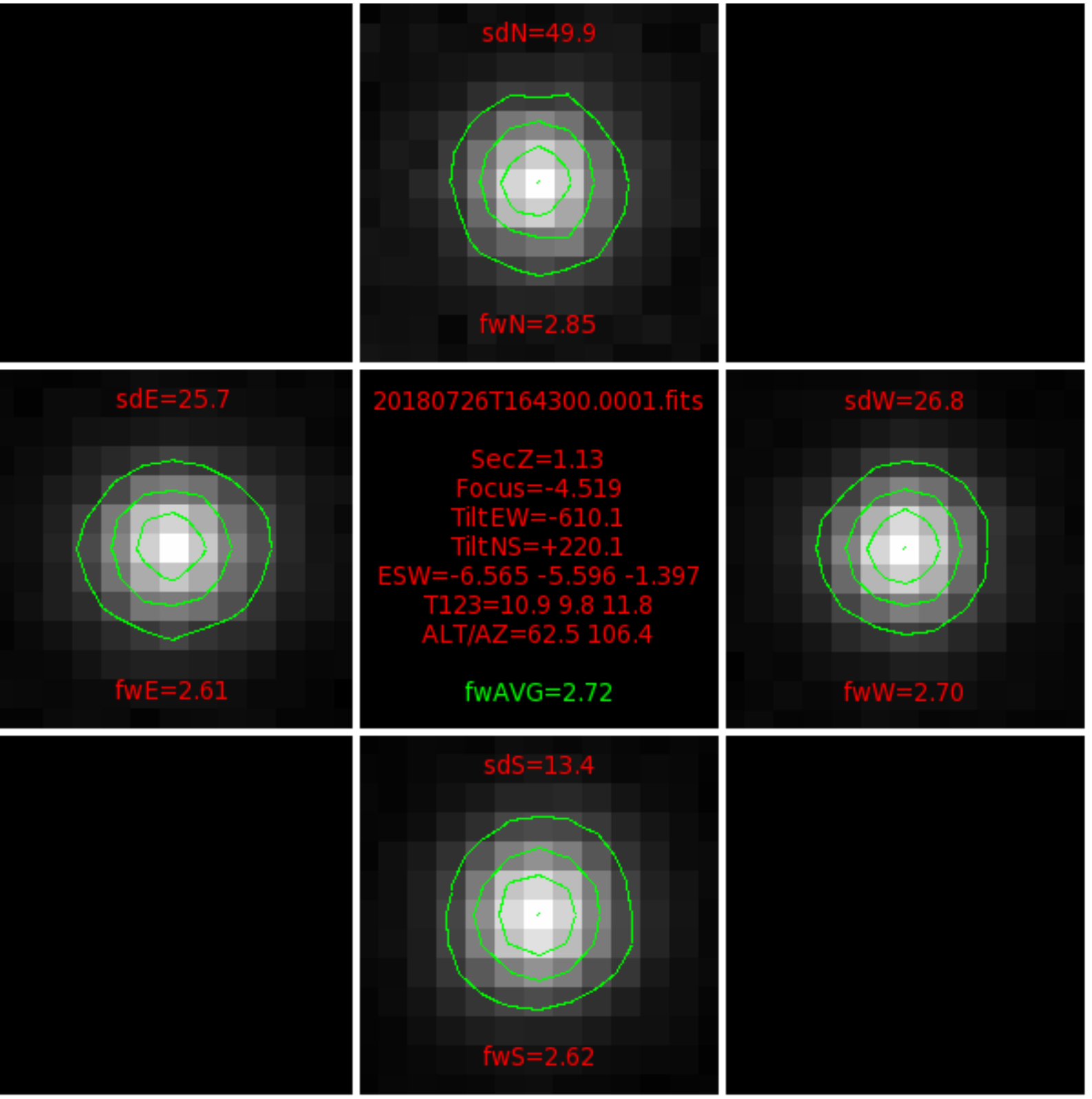

sdN=53.0
fwN=3.54
sdE=526.1
fwE=3.44
20180726T163626.0001.fits
SecZ=1.08
Focus=-4.525
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.571 -5.602 -1.403
T123=0.0 9.4 11.9
ALT/AZ=68.3 -21.0
fwAVG=3.49
sdW=615.2
fwW=3.49
sdS=62.4
fwS=3.48
0 0 0 0 0 0 0 0 0

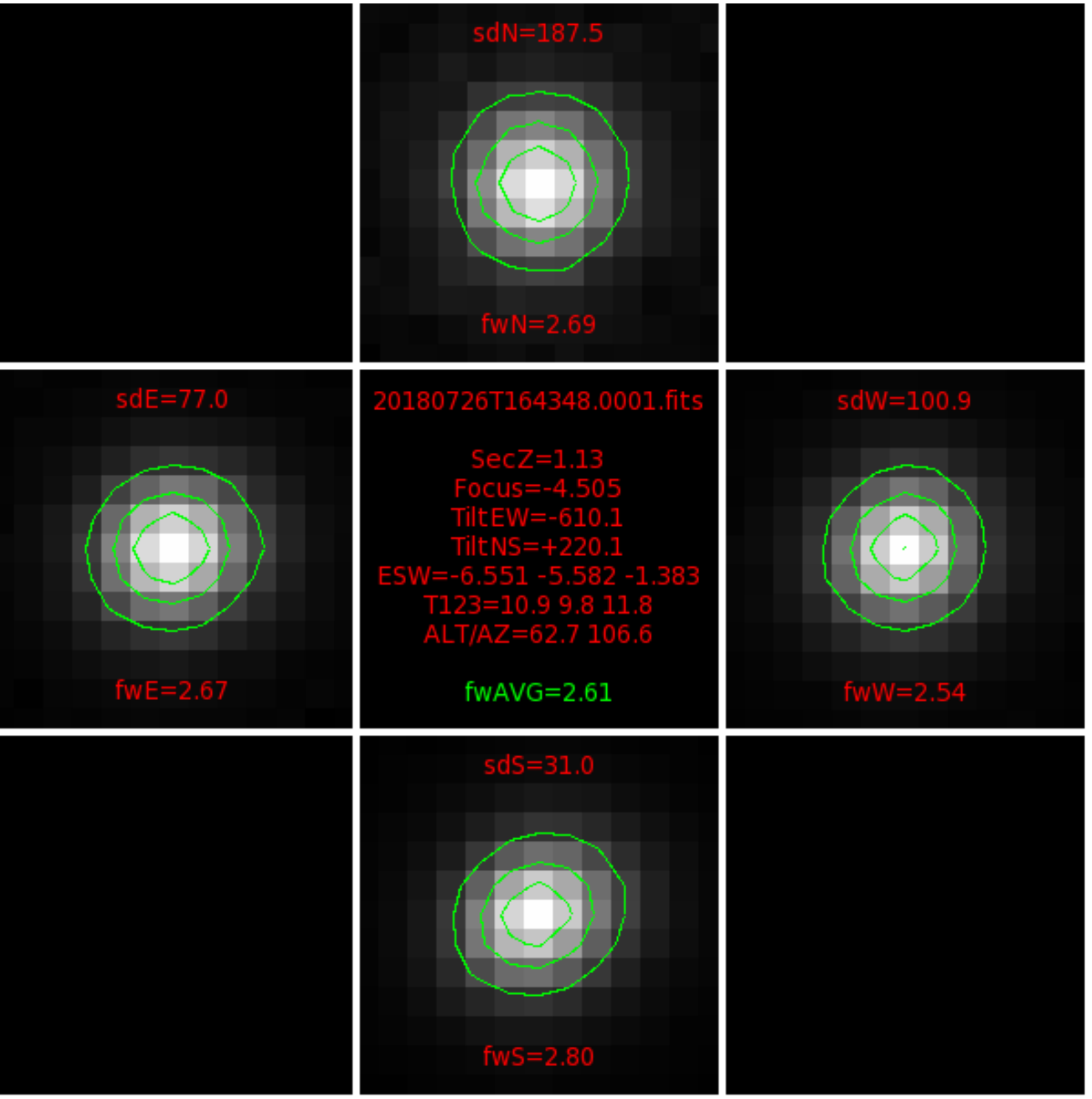

sdN=18.7
fwN=3.76
sdE=14.4
fwE=3.68
20180726T163855.0001.fits
SecZ=1.14
Focus=-4.525
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.571 -5.602 -1.403
T123=11.1 9.7 11.9
ALT/AZ=61.7 105.4
fwAVG=3.24
sdW=55.5
fwW=2.77
sdS=12.5
fwS=4.17
0 0 0 0 0 0 0 0 0

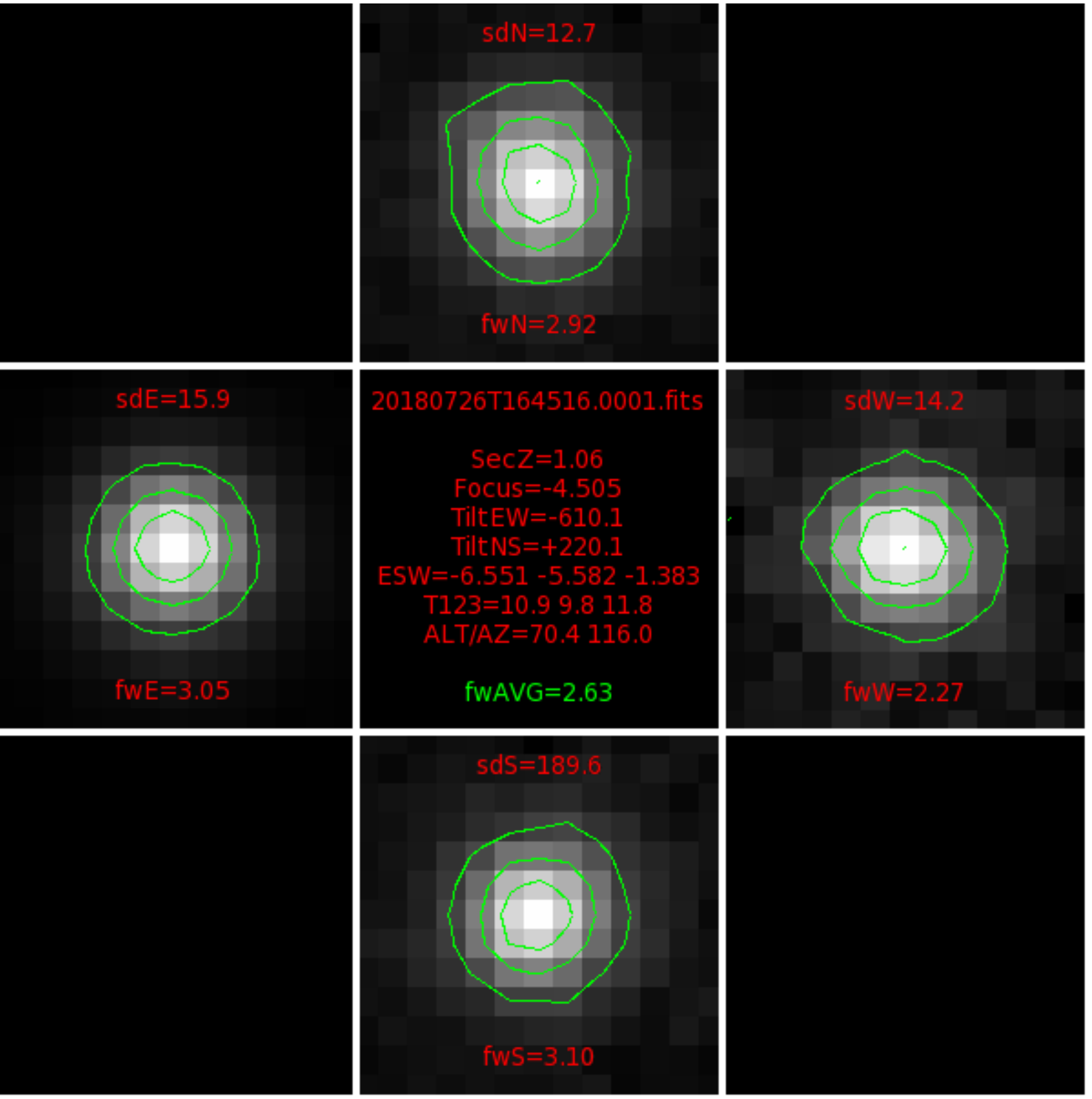

sdN=51.4
fwN=4.20
sdE=31.6
fwE=4.00
20180726T163942.0001.fits
SecZ=1.13
Focus=-4.525
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.571 -5.602 -1.403
T123=11.0 9.8 11.8
ALT/AZ=61.8 105.6
fwAVG=4.00
sdW=27.8
fwW=3.90
sdS=26.9
fwS=4.13
0 0 0 0 0 0 0 0 0

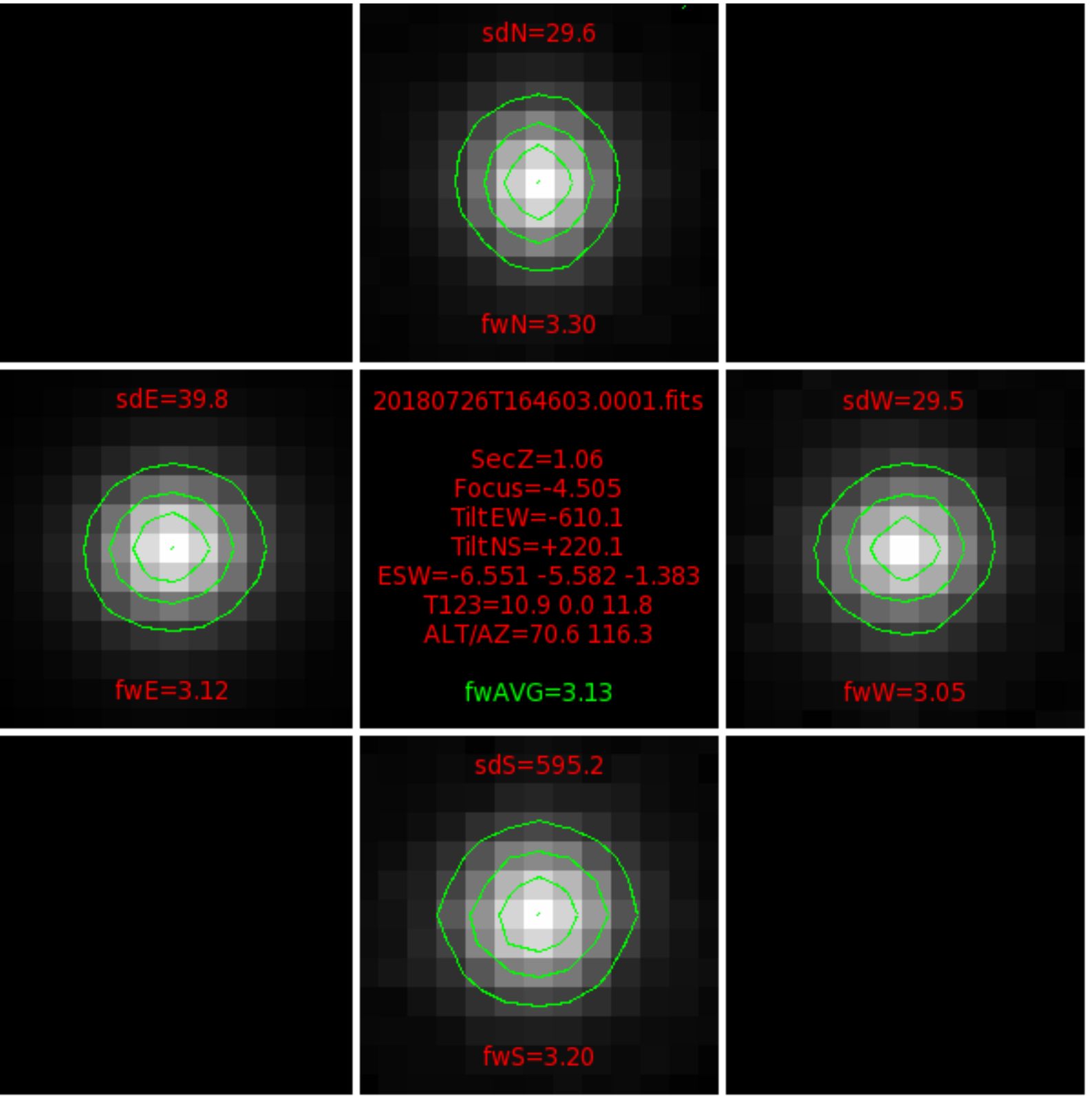

sdN=26.1
fwN=3.65
sdE=13.9
fwE=3.54
20180726T164100.0001.fits
SecZ=1.13
Focus=-4.525
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.571 -5.602 -1.403
T123=11.0 0.0 11.8
ALT/AZ=62.1 105.9
fwAVG=3.56
sdW=16.0
fwW=3.52
sdS=15.3
fwS=3.78
0 0 0 0 0 0 0 0 0

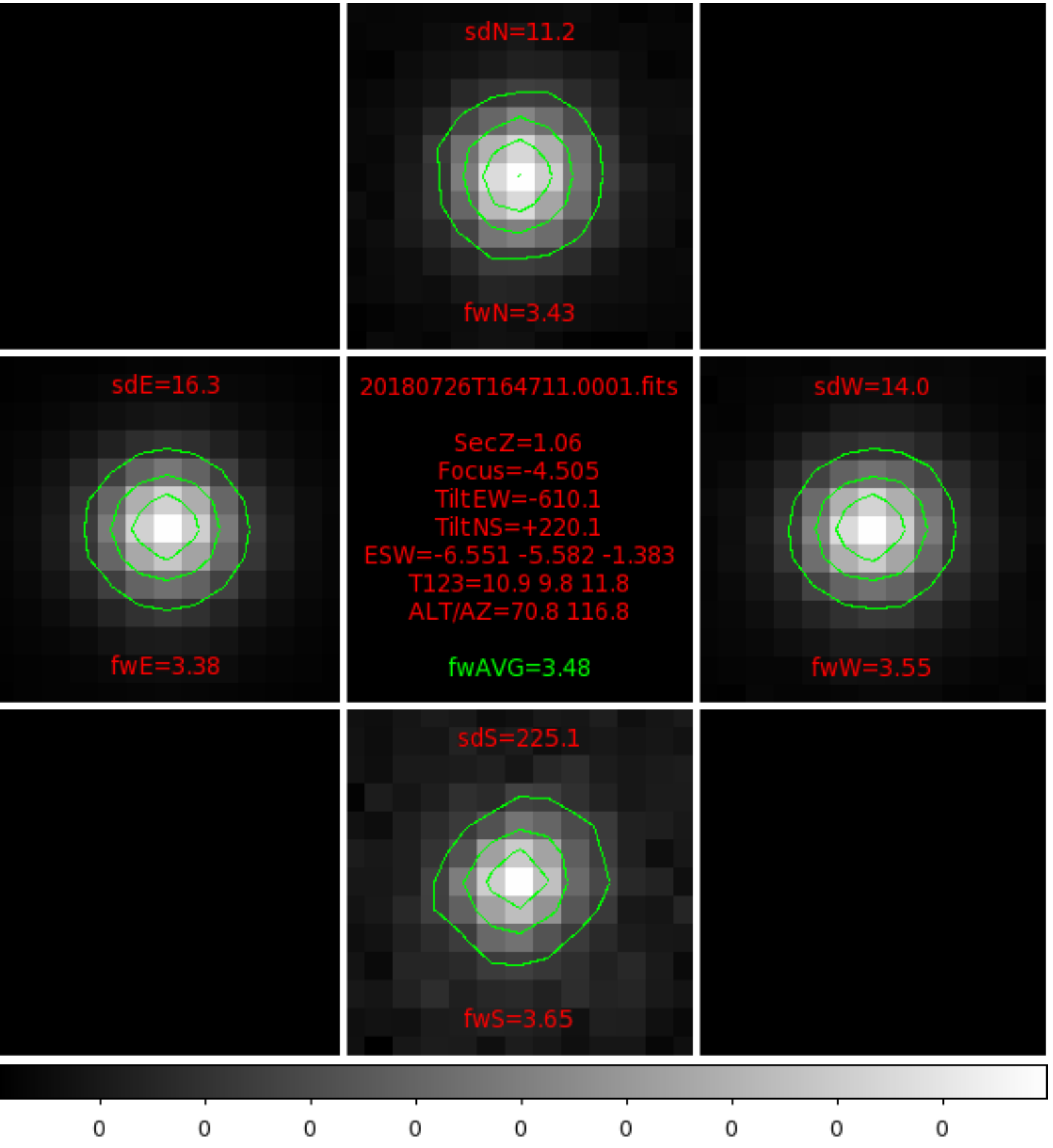

sdN=81.3
fwN=3.53
sdE=35.6
fwE=3.41
20180726T164147.0001.fits
SecZ=1.13
Focus=-4.519
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.565 -5.596 -1.397
T123=11.0 9.8 11.8
ALT/AZ=62.2 106.1
fwAVG=3.40
sdW=39.8
fwW=3.33
sdS=23.9
fwS=3.62
0 0 0 0 0 0 0 0 0

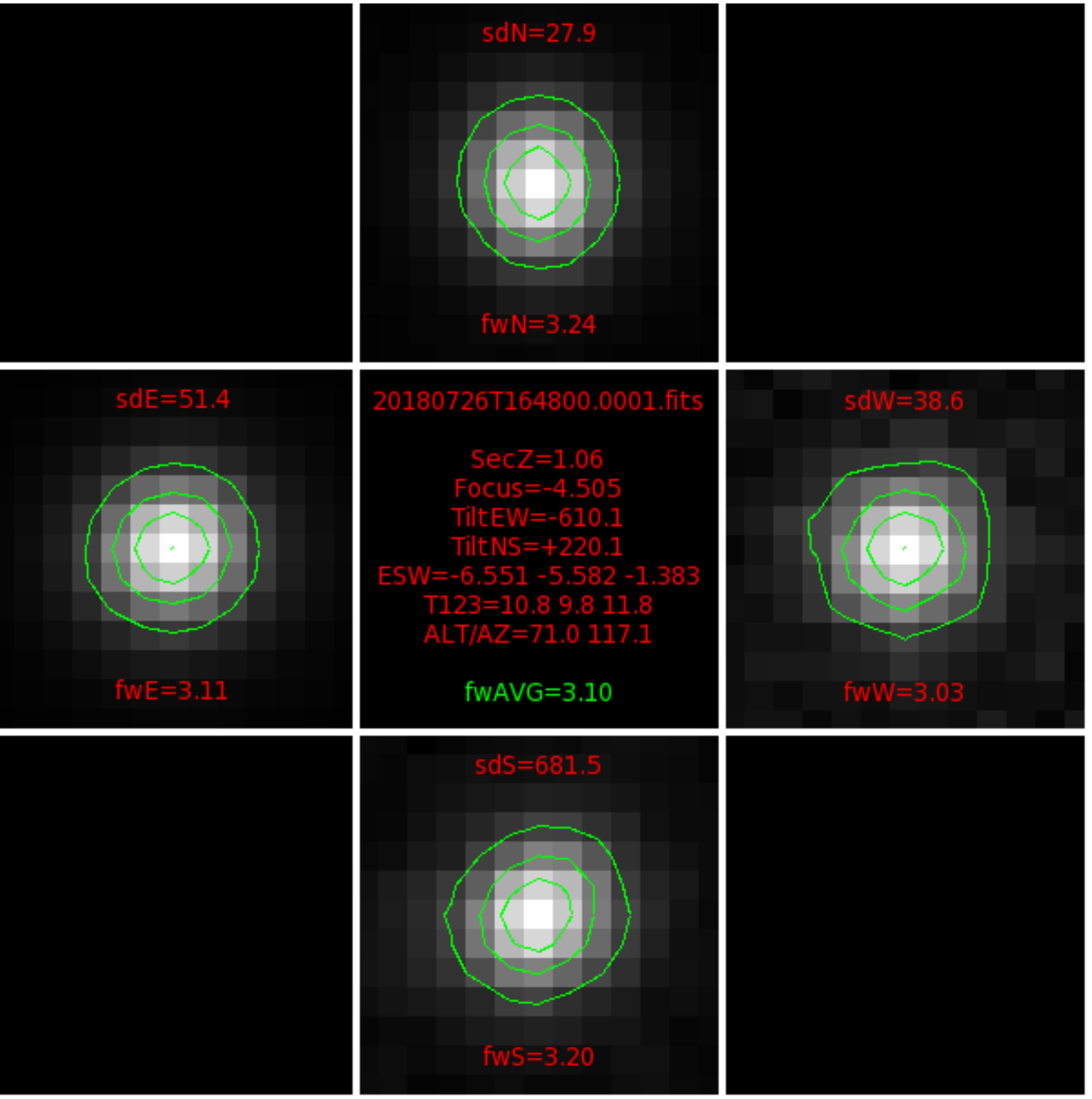

sdN=49.9
fwN=2.85
sdE=25.7
fwE=2.61
20180726T164300.0001.fits
SecZ=1.13
Focus=-4.519
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.565 -5.596 -1.397
T123=10.9 9.8 11.8
ALT/AZ=62.5 106.4
fwAVG=2.72
sdW=26.8
fwW=2.70
sdS=13.4
fwS=2.62
0 0 0 0 0 0 0 0 0

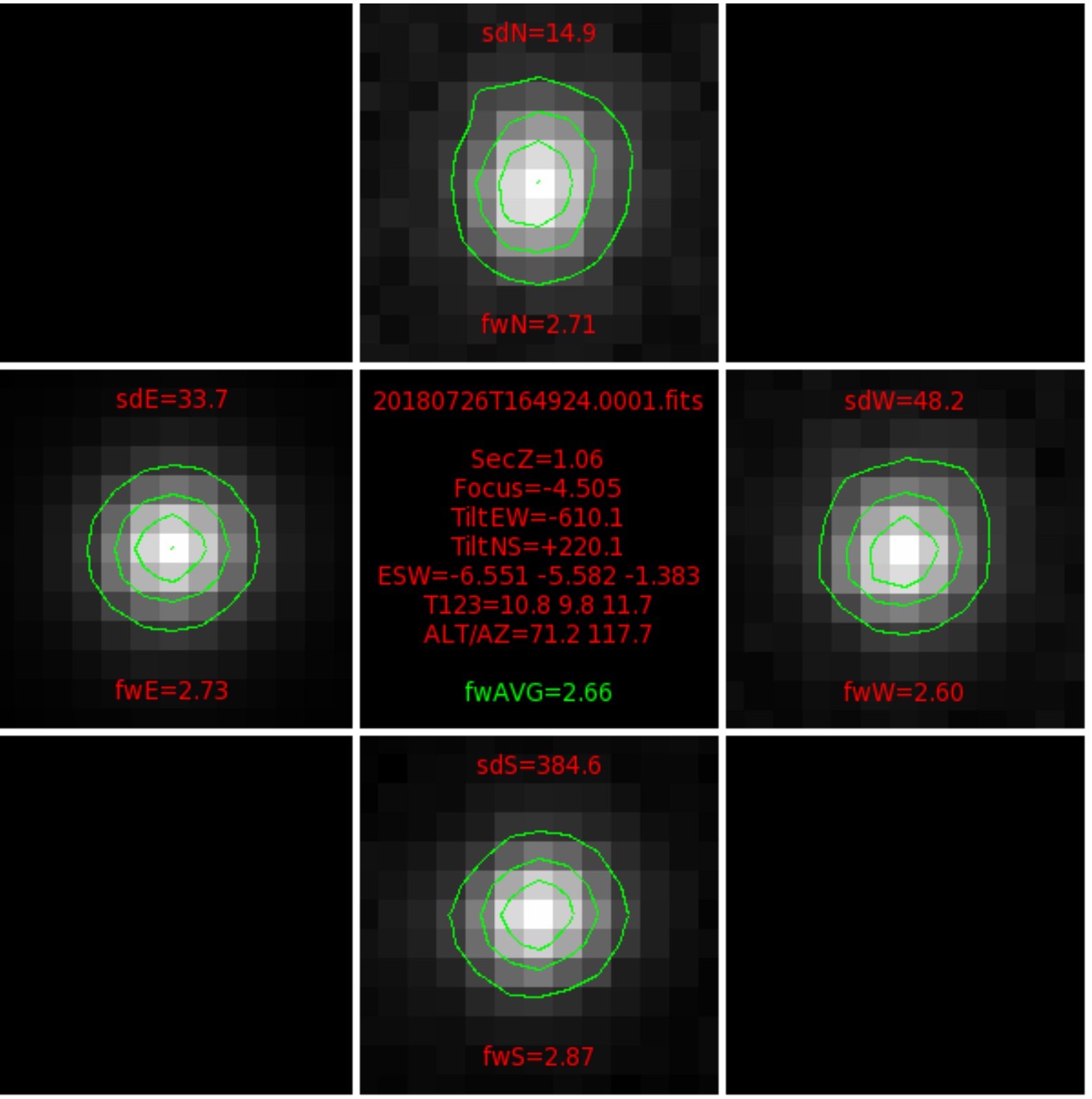

sdN=187.5
fwN=2.69
sdE=77.0
fwE=2.67
20180726T164348.0001.fits
SecZ=1.13
Focus=-4.505
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.551 -5.582 -1.383
T123=10.9 9.8 11.8
ALT/AZ=62.7 106.6
fwAVG=2.61
sdW=100.9
fwW=2.54
sdS=31.0
fwS=2.80
0 0 0 0 0 0 0 0 0

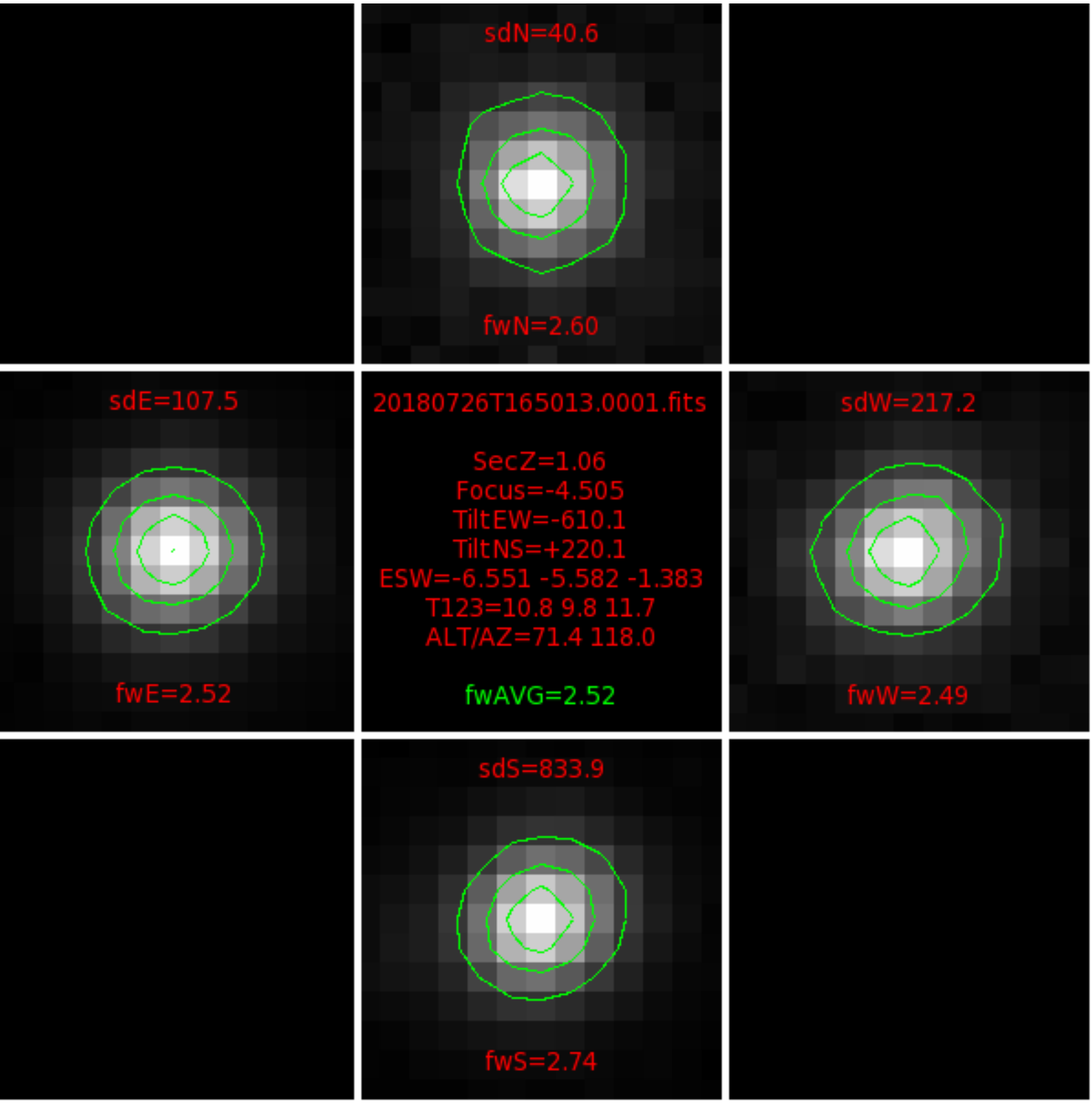

sdN=12.7
fwN=2.92
sdE=15.9
fwE=3.05
20180726T164516.0001.fits
SecZ=1.06
Focus=-4.505
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.551 -5.582 -1.383
T123=10.9 9.8 11.8
ALT/AZ=70.4 116.0
fwAVG=2.63
sdW=14.2
fwW=2.27
sdS=189.6
fwS=3.10
0 0 0 0 0 0 0 0 0

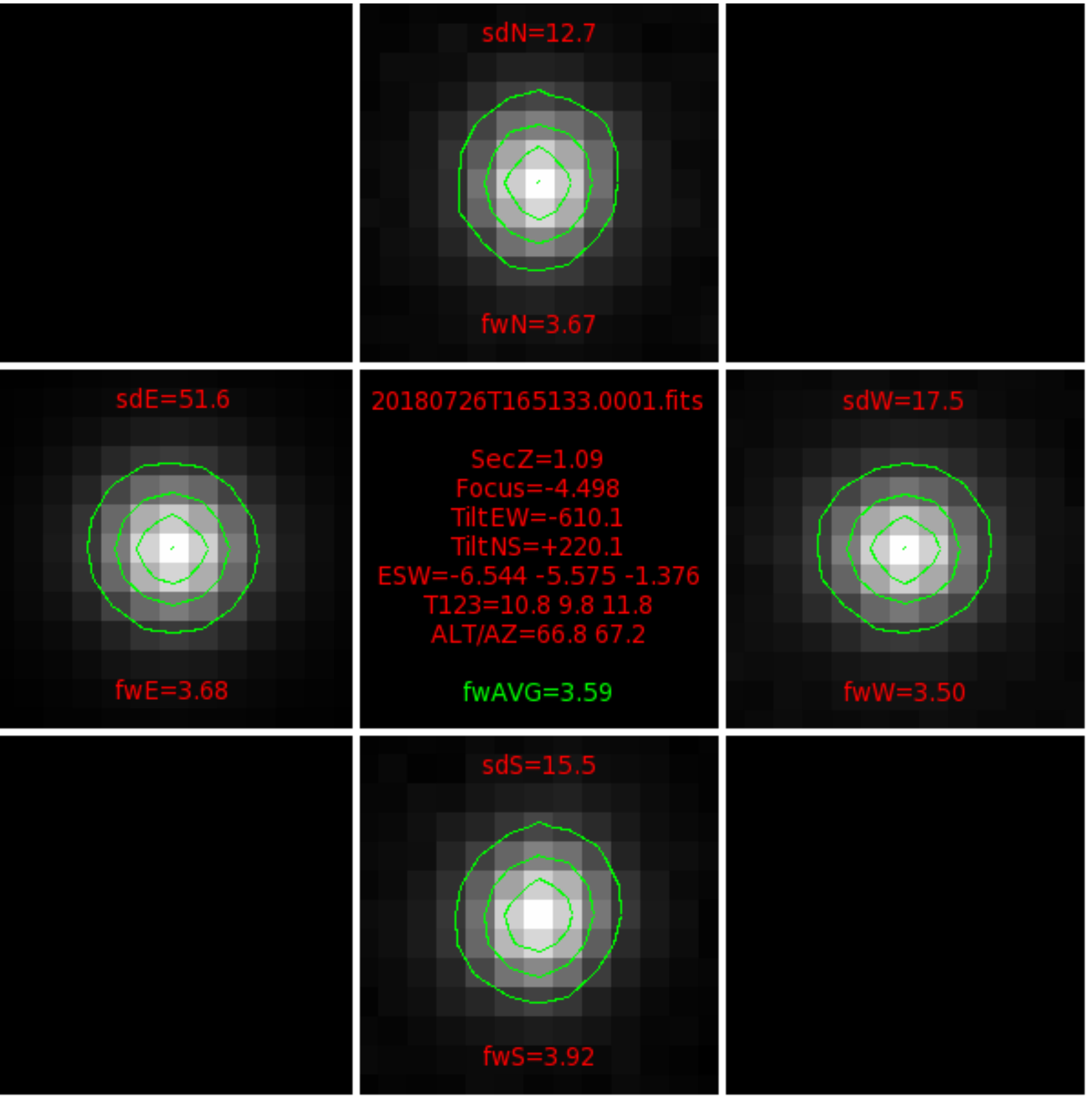

sdN=29.6
fwN=3.30
sdE=39.8
fwE=3.12
20180726T164603.0001.fits
SecZ=1.06
Focus=-4.505
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.551 -5.582 -1.383
T123=10.9 0.0 11.8
ALT/AZ=70.6 116.3
fwAVG=3.13
sdW=29.5
fwW=3.05
sdS=595.2
fwS=3.20
0 0 0 0 0 0 0 0 0

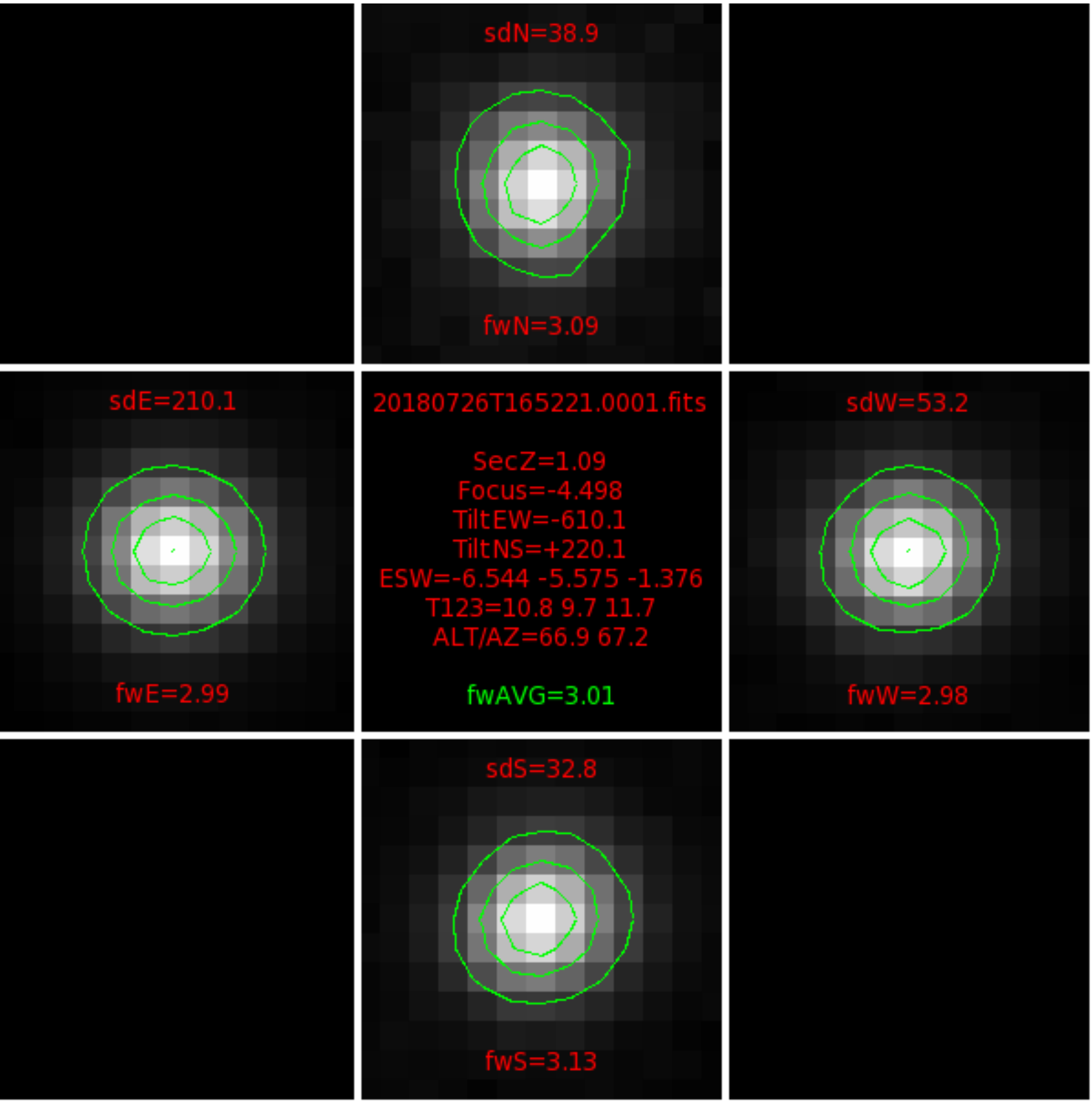

sdN=11.2
fwN=3.43
sdE=16.3
fwE=3.38
20180726T164711.0001.fits
SecZ=1.06
Focus=-4.505
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.551 -5.582 -1.383
T123=10.9 9.8 11.8
ALT/AZ=70.8 116.8
fwAVG=3.48
sdW=14.0
fwW=3.55
sdS=225.1
fwS=3.65
0 0 0 0 0 0 0 0 0

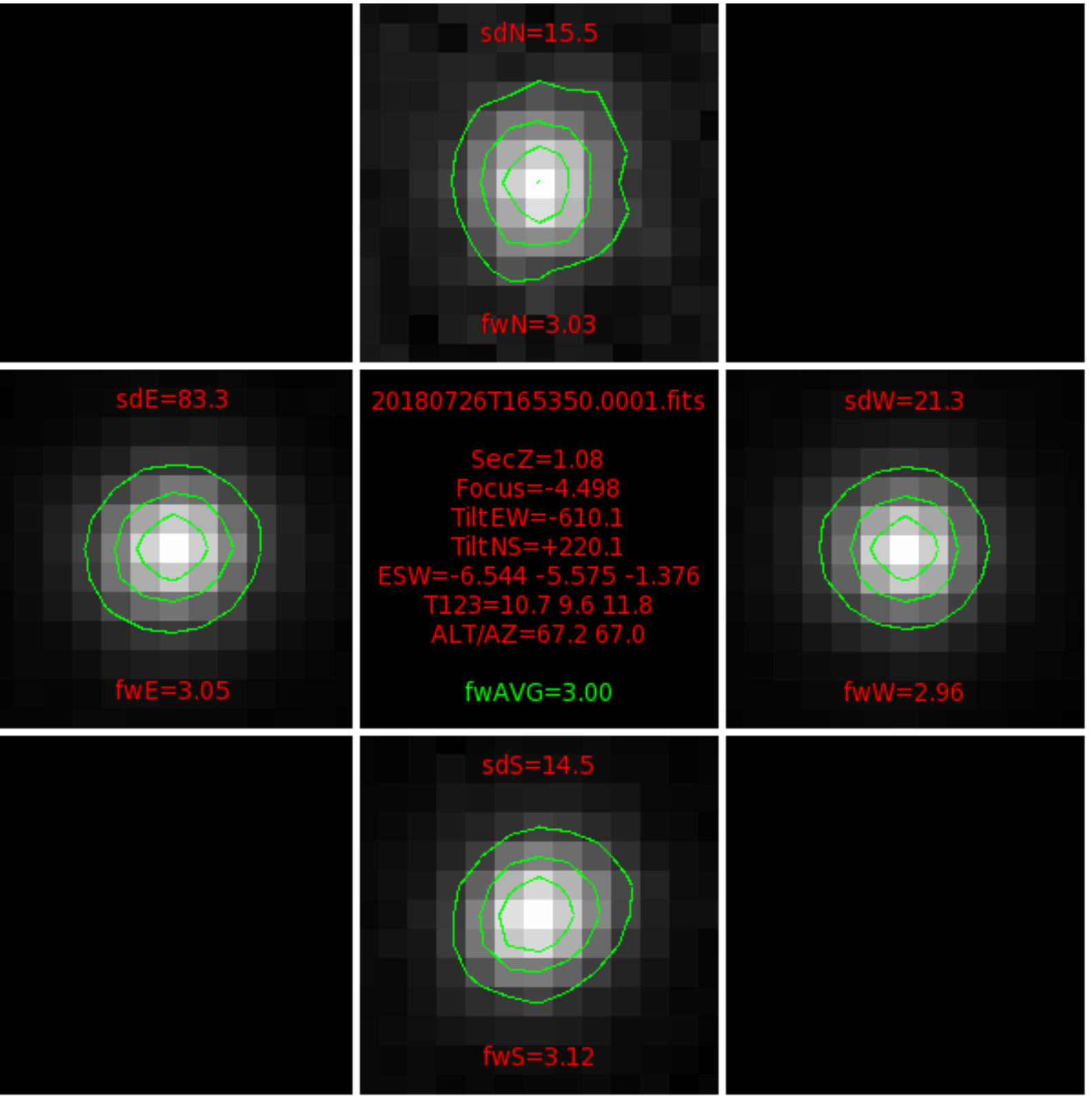

sdN=27.9
fwN=3.24
sdE=51.4
fwE=3.11
20180726T164800.0001.fits
SecZ=1.06
Focus=-4.505
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.551 -5.582 -1.383
T123=10.8 9.8 11.8
ALT/AZ=71.0 117.1
fwAVG=3.10
sdW=38.6
fwW=3.03
sdS=681.5
fwS=3.20
0 0 0 0 0 0 0 0 0

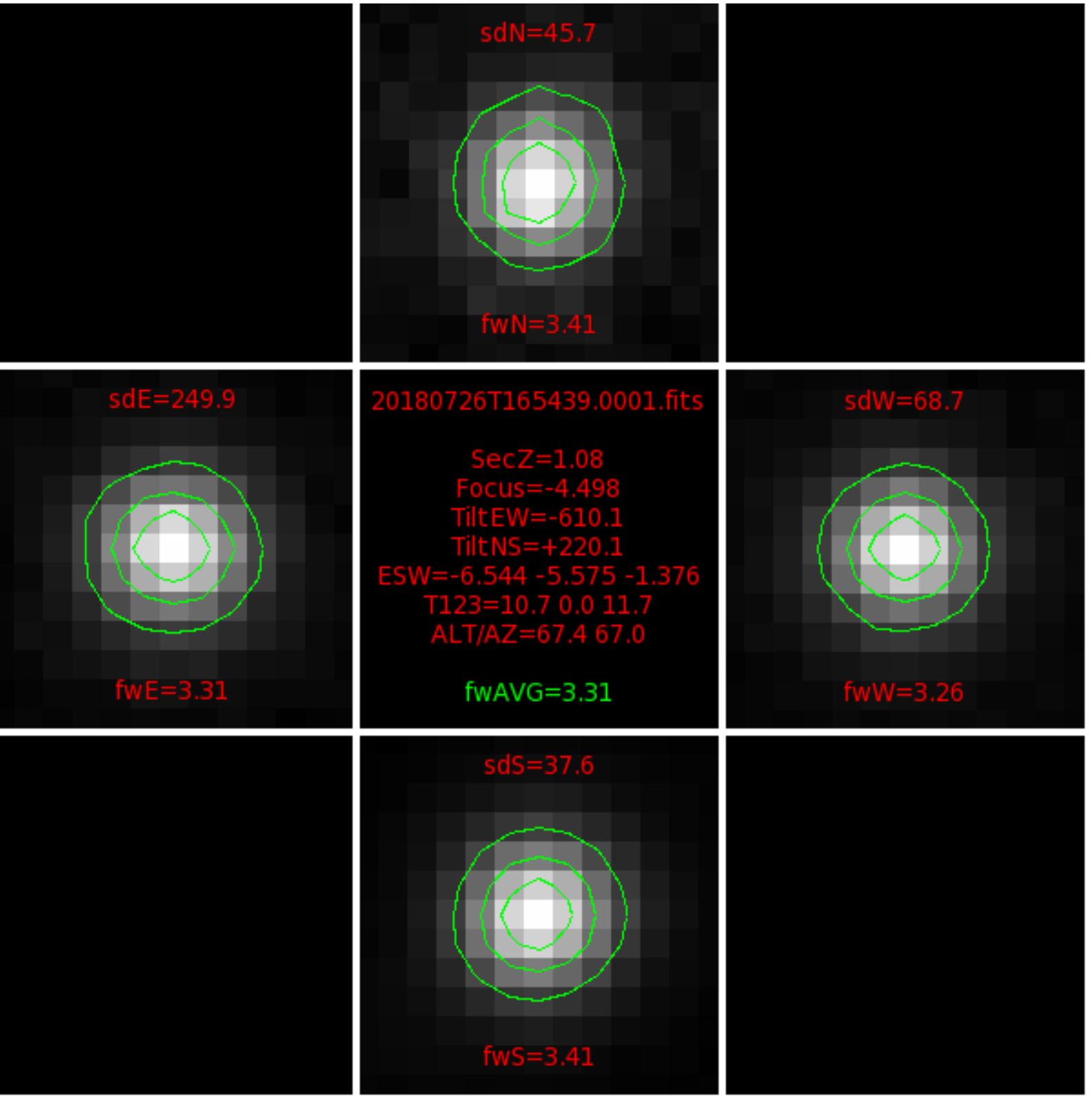

sdN=14.9
fwN=2.71
sdE=33.7
fwE=2.73
20180726T164924.0001.fits
SecZ=1.06
Focus=-4.505
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.551 -5.582 -1.383
T123=10.8 9.8 11.7
ALT/AZ=71.2 117.7
fwAVG=2.66
sdW=48.2
fwW=2.60
sdS=384.6
fwS=2.87
0 0 0 0 0 0 0 0 0

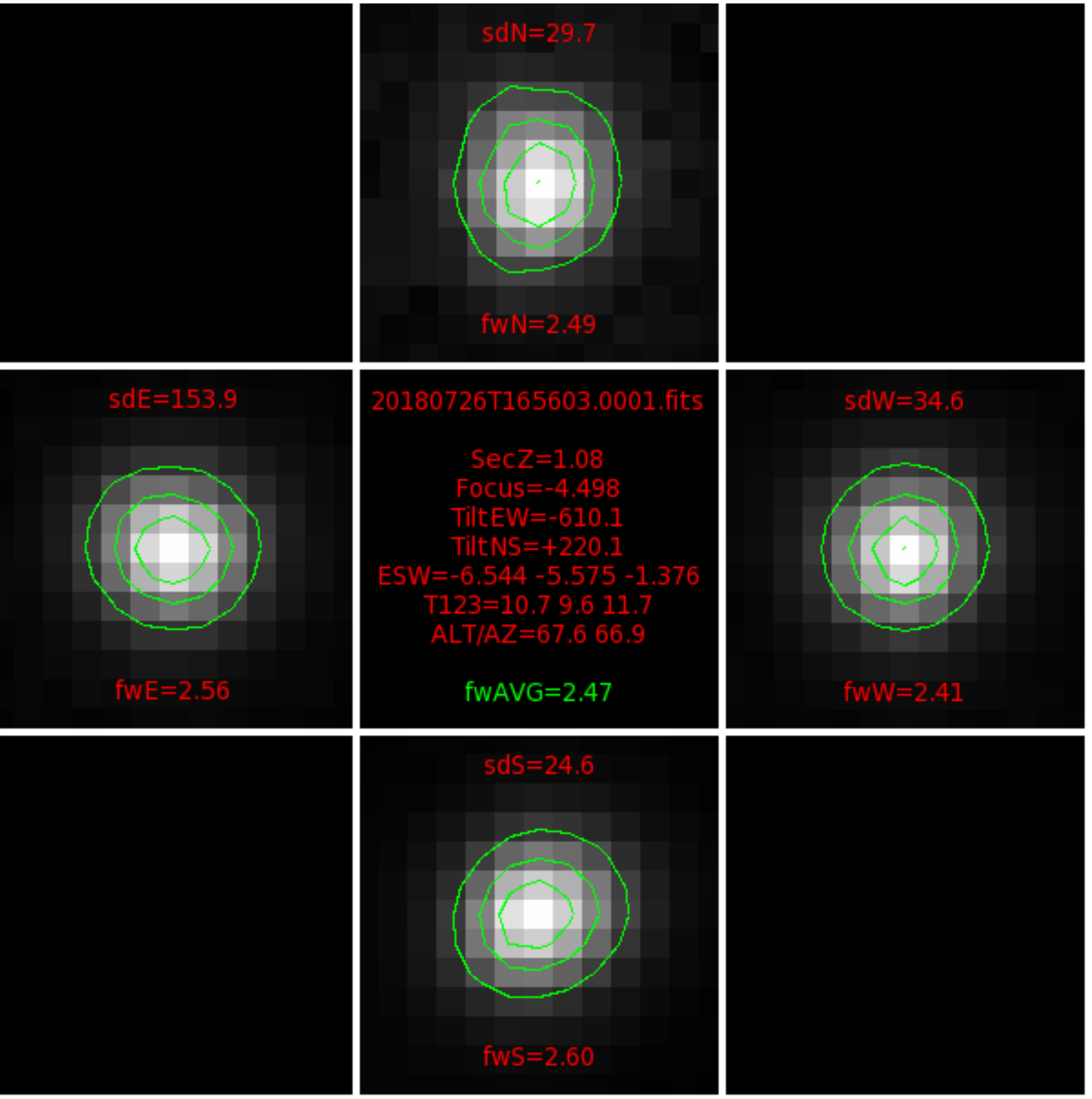

sdN=40.6
fwN=2.60
sdE=107.5
fwE=2.52
20180726T165013.0001.fits
SecZ=1.06
Focus=-4.505
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.551 -5.582 -1.383
T123=10.8 9.8 11.7
ALT/AZ=71.4 118.0
fwAVG=2.52
sdW=217.2
fwW=2.49
sdS=833.9
fwS=2.74
0 0 0 0 0 0 0 0 0

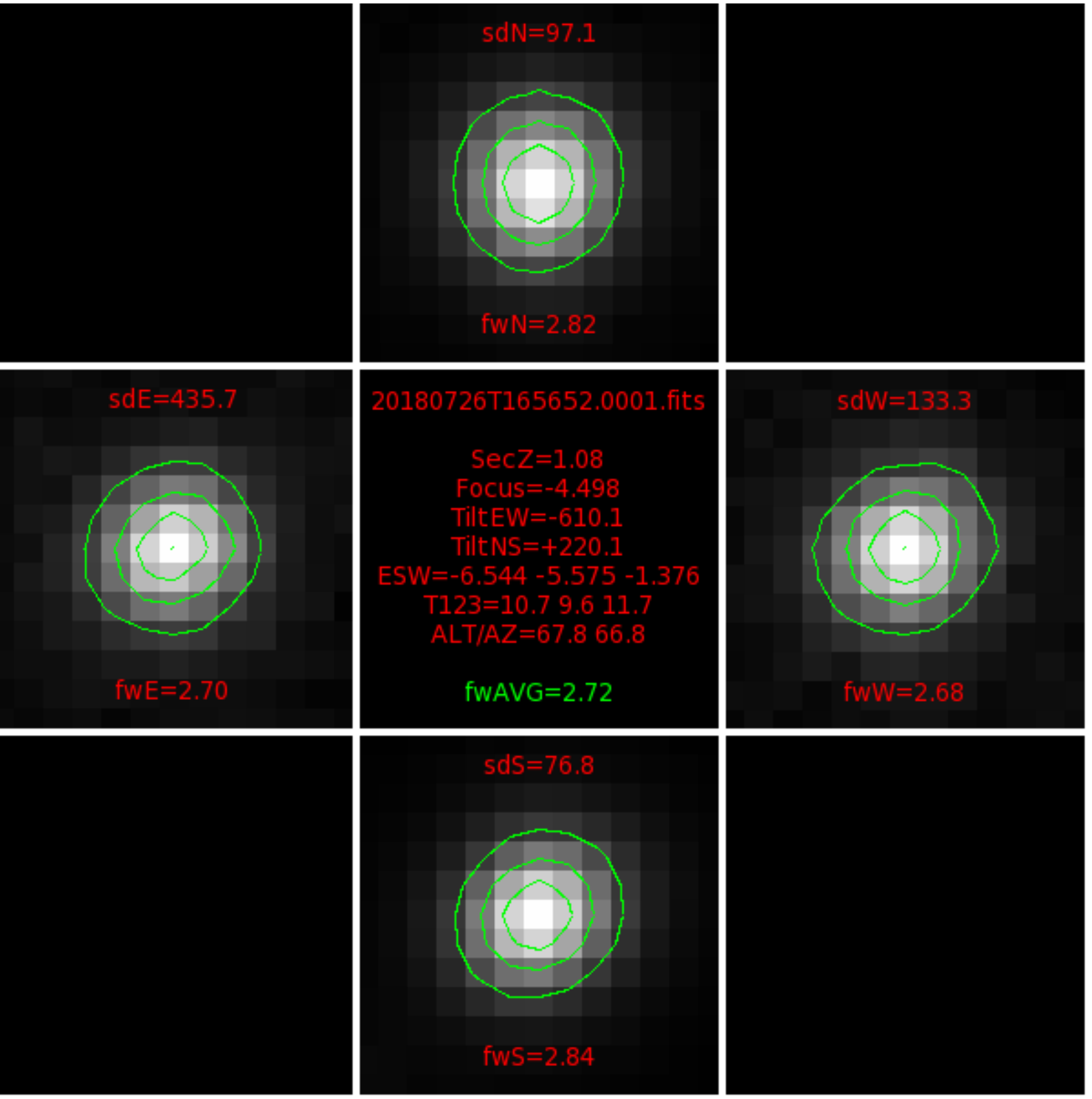

sdN=12.7
fwN=3.67
sdE=51.6
fwE=3.68
20180726T165133.0001.fits
SecZ=1.09
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.8 9.8 11.8
ALT/AZ=66.8 67.2
fwAVG=3.59
sdW=17.5
fwW=3.50
sdS=15.5
fwS=3.92
0 0 0 0 0 0 0 0 0

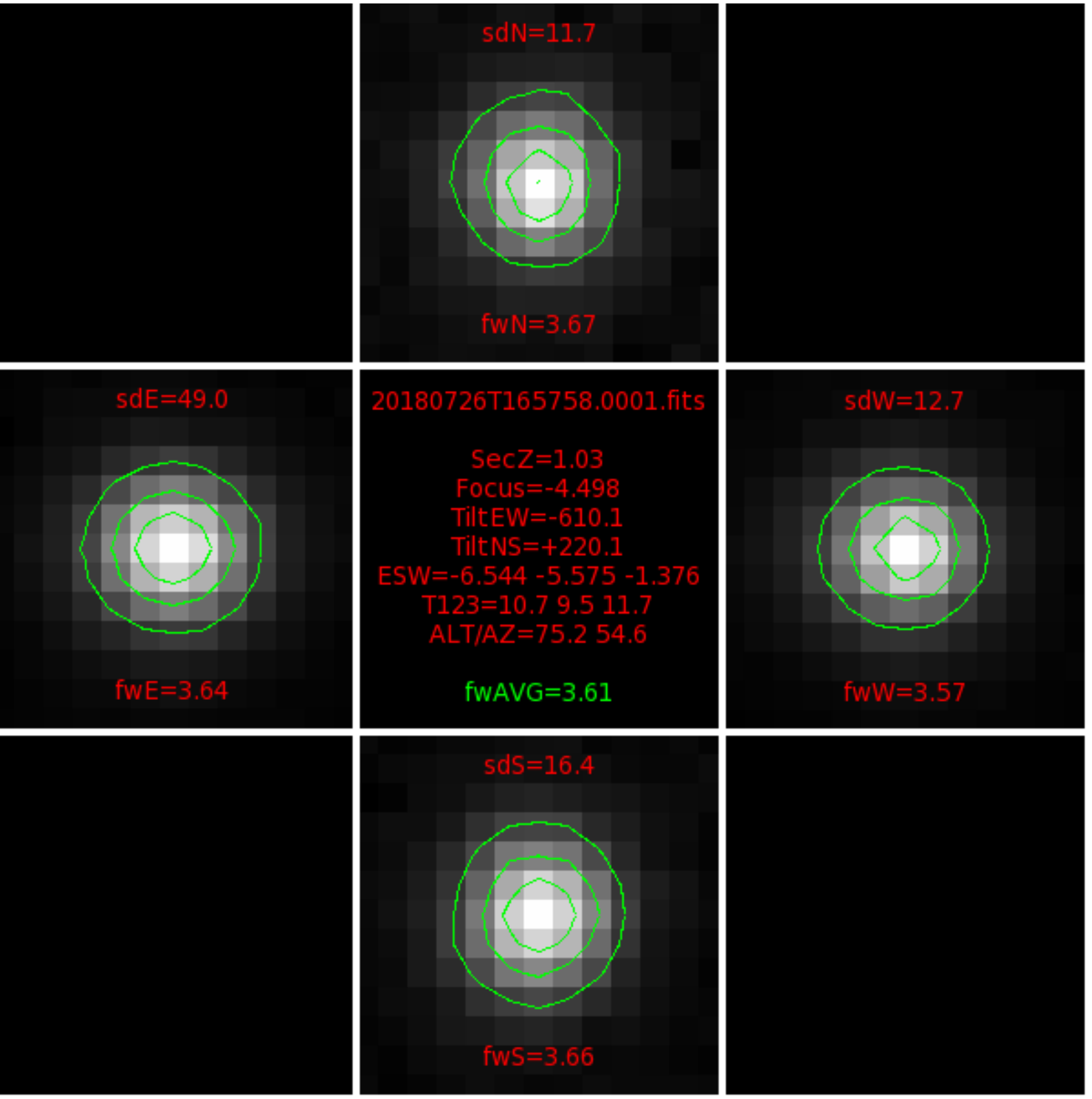

sdN=38.9
fwN=3.09
sdE=210.1
fwE=2.99
20180726T165221.0001.fits
SecZ=1.09
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.8 9.7 11.7
ALT/AZ=66.9 67.2
fwAVG=3.01
sdW=53.2
fwW=2.98
sdS=32.8
fwS=3.13
0 0 0 0 0 0 0 0 0

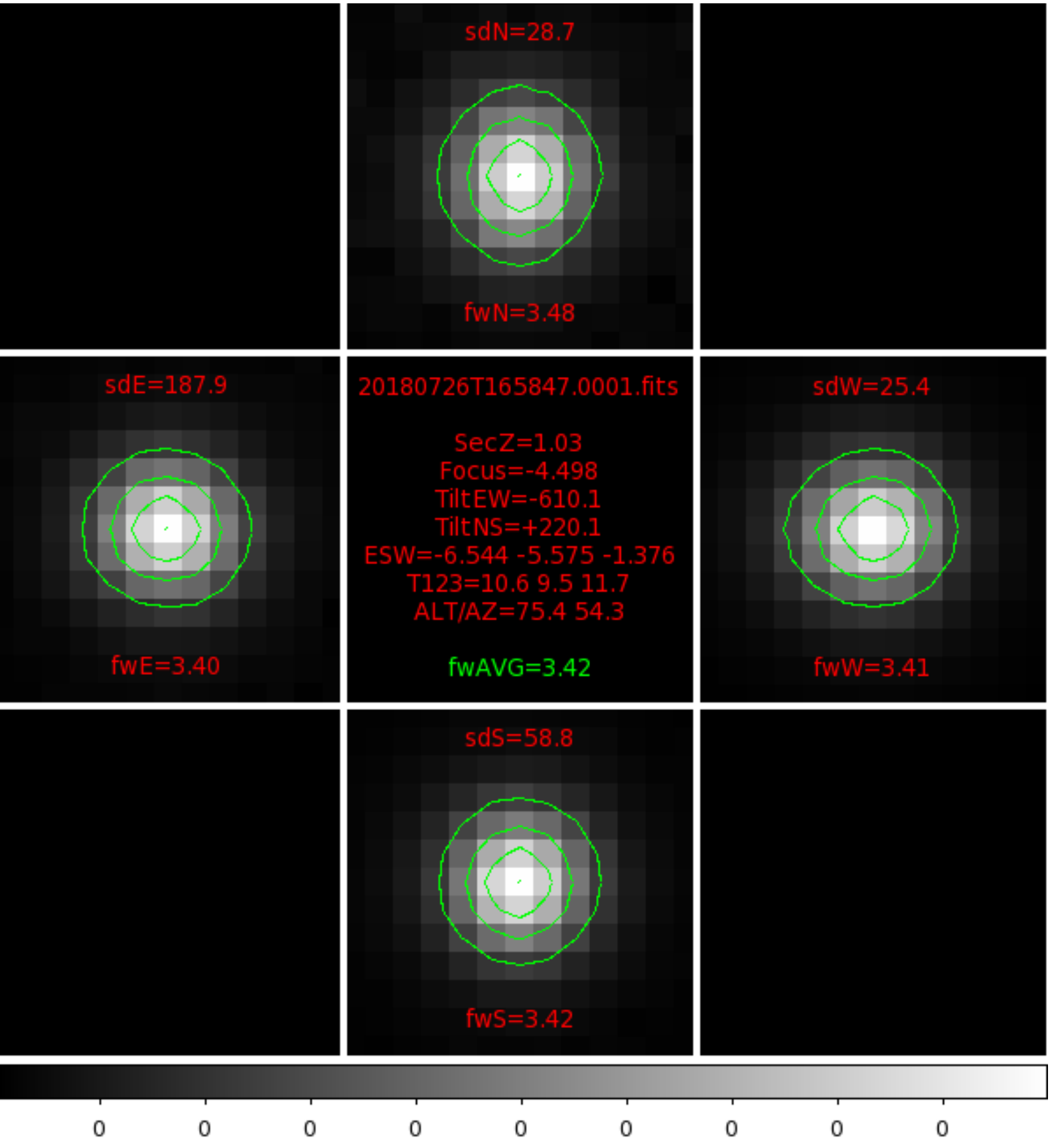

sdN=15.5
fwN=3.03
sdE=83.3
fwE=3.05
20180726T165350.0001.fits
SecZ=1.08
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.7 9.6 11.8
ALT/AZ=67.2 67.0
fwAVG=3.00
sdW=21.3
fwW=2.96
sdS=14.5
fwS=3.12
0 0 0 0 0 0 0 0 0

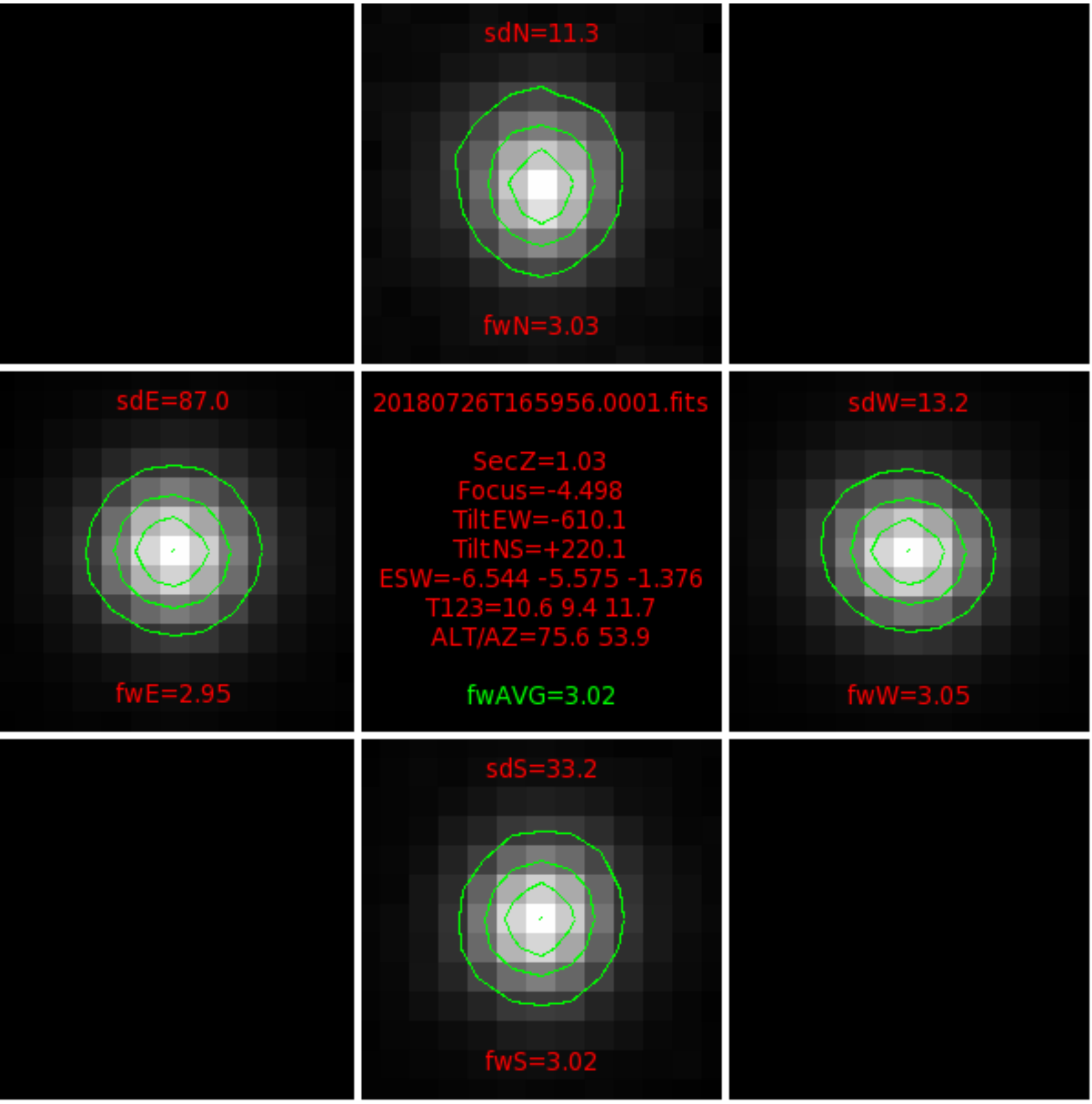

sdN=45.7
fwN=3.41
sdE=249.9
fwE=3.31
20180726T165439.0001.fits
SecZ=1.08
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.7 0.0 11.7
ALT/AZ=67.4 67.0
fwAVG=3.31
sdW=68.7
fwW=3.26
sdS=37.6
fwS=3.41
0 0 0 0 0 0 0 0 0

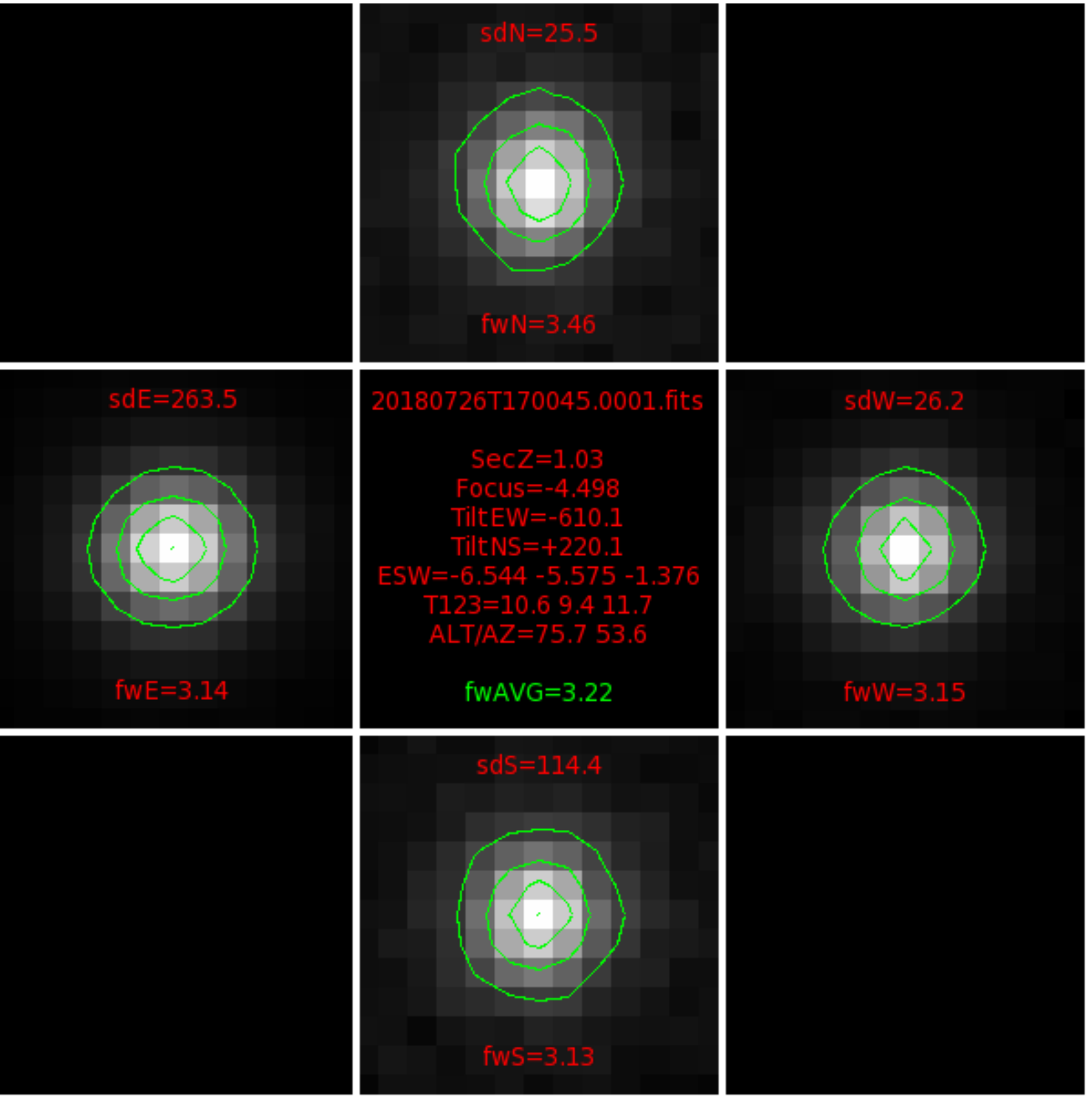

sdN=29.7
fwN=2.49
sdE=153.9
fwE=2.56
20180726T165603.0001.fits
SecZ=1.08
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.7 9.6 11.7
ALT/AZ=67.6 66.9
fwAVG=2.47
sdW=34.6
fwW=2.41
sdS=24.6
fwS=2.60
0 0 0 0 0 0 0 0 0

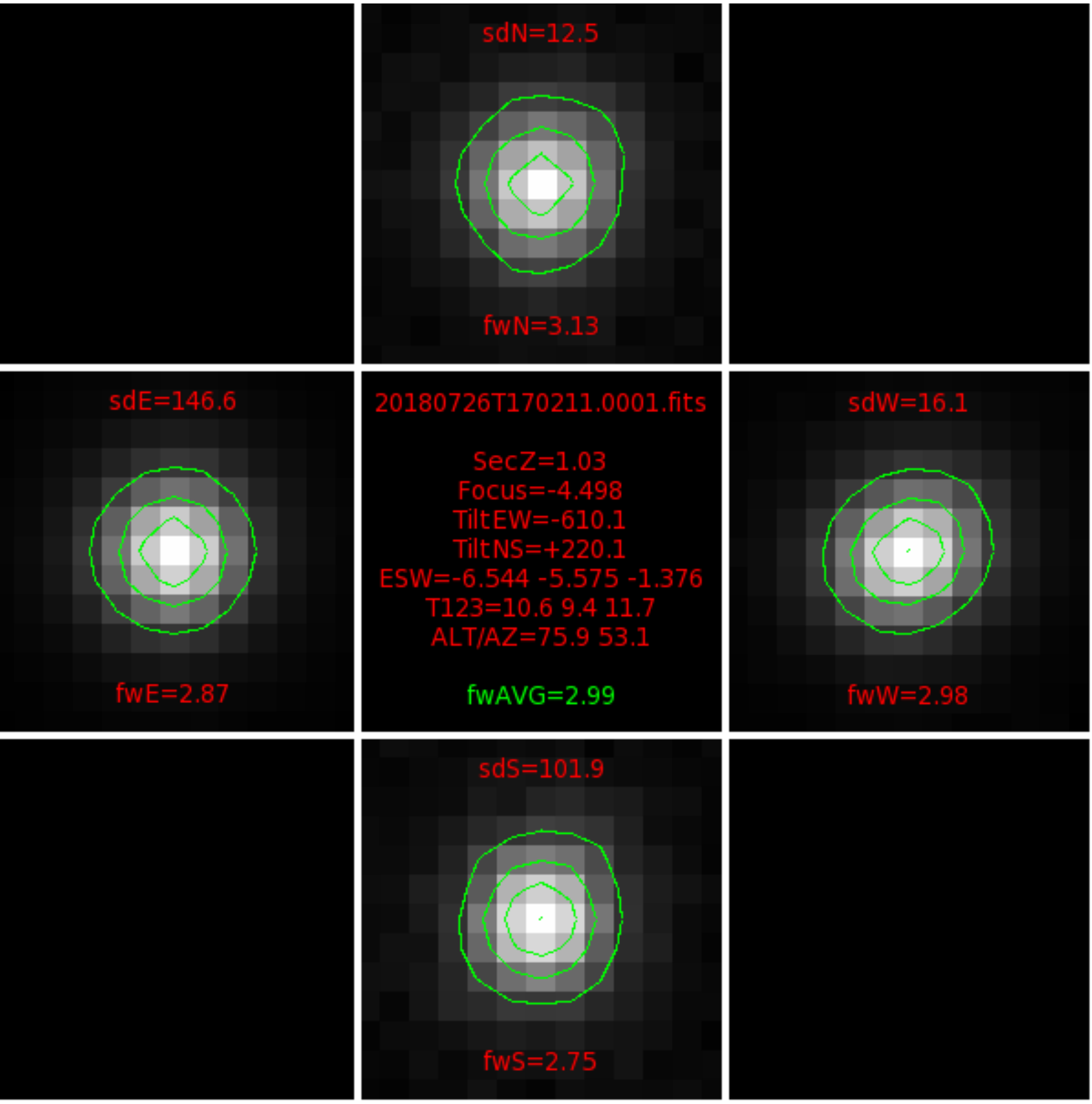

sdN=97.1
fwN=2.82
sdE=435.7
fwE=2.70
20180726T165652.0001.fits
SecZ=1.08
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.7 9.6 11.7
ALT/AZ=67.8 66.8
fwAVG=2.72
sdW=133.3
fwW=2.68
sdS=76.8
fwS=2.84
0 0 0 0 0 0 0 0 0

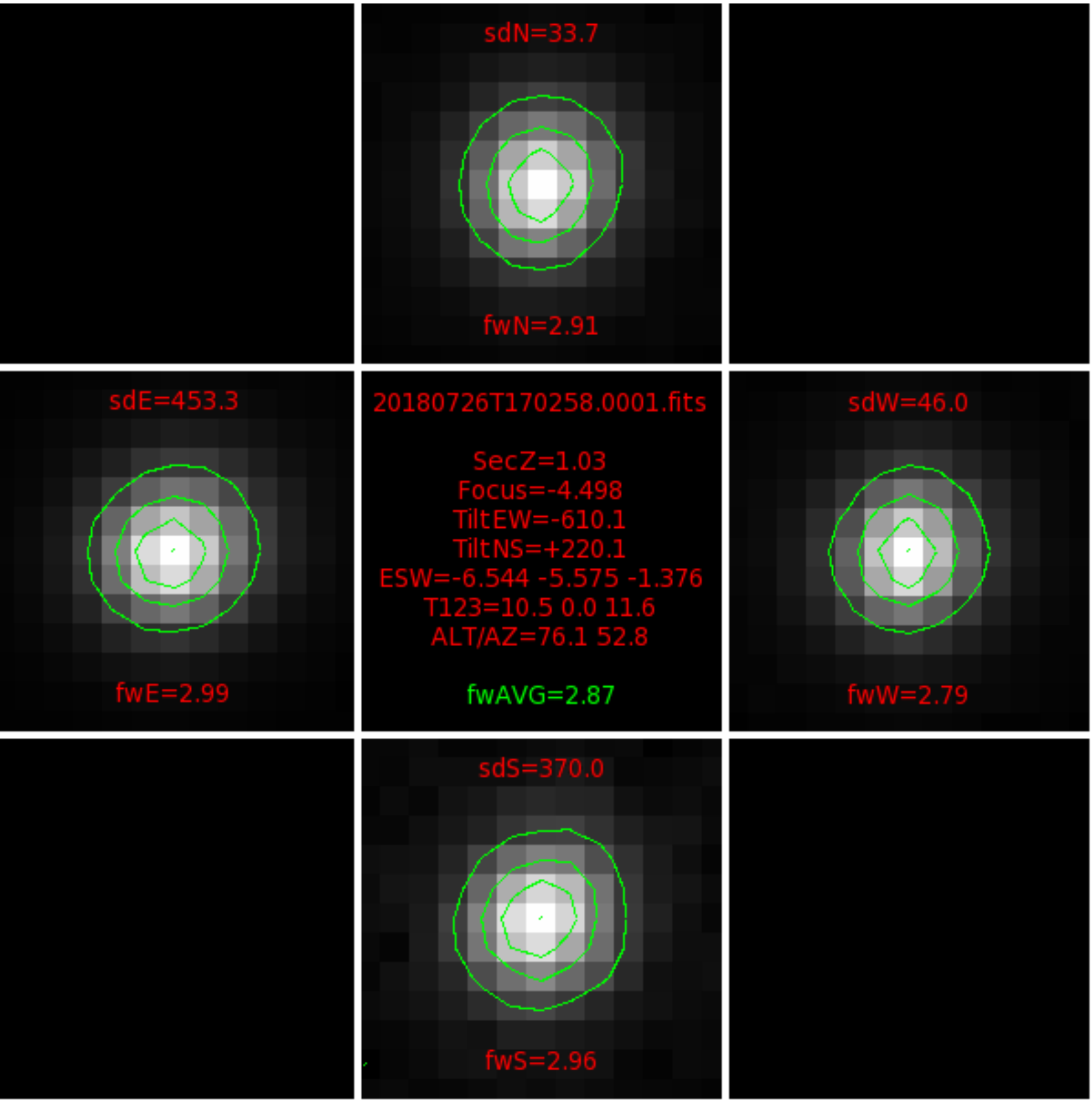

sdN=11.7
fwN=3.67
sdE=49.0
fwE=3.64
20180726T165758.0001.fits
SecZ=1.03
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.7 9.5 11.7
ALT/AZ=75.2 54.6
fwAVG=3.61
sdW=12.7
fwW=3.57
sdS=16.4
fwS=3.66
0 0 0 0 0 0 0 0 0

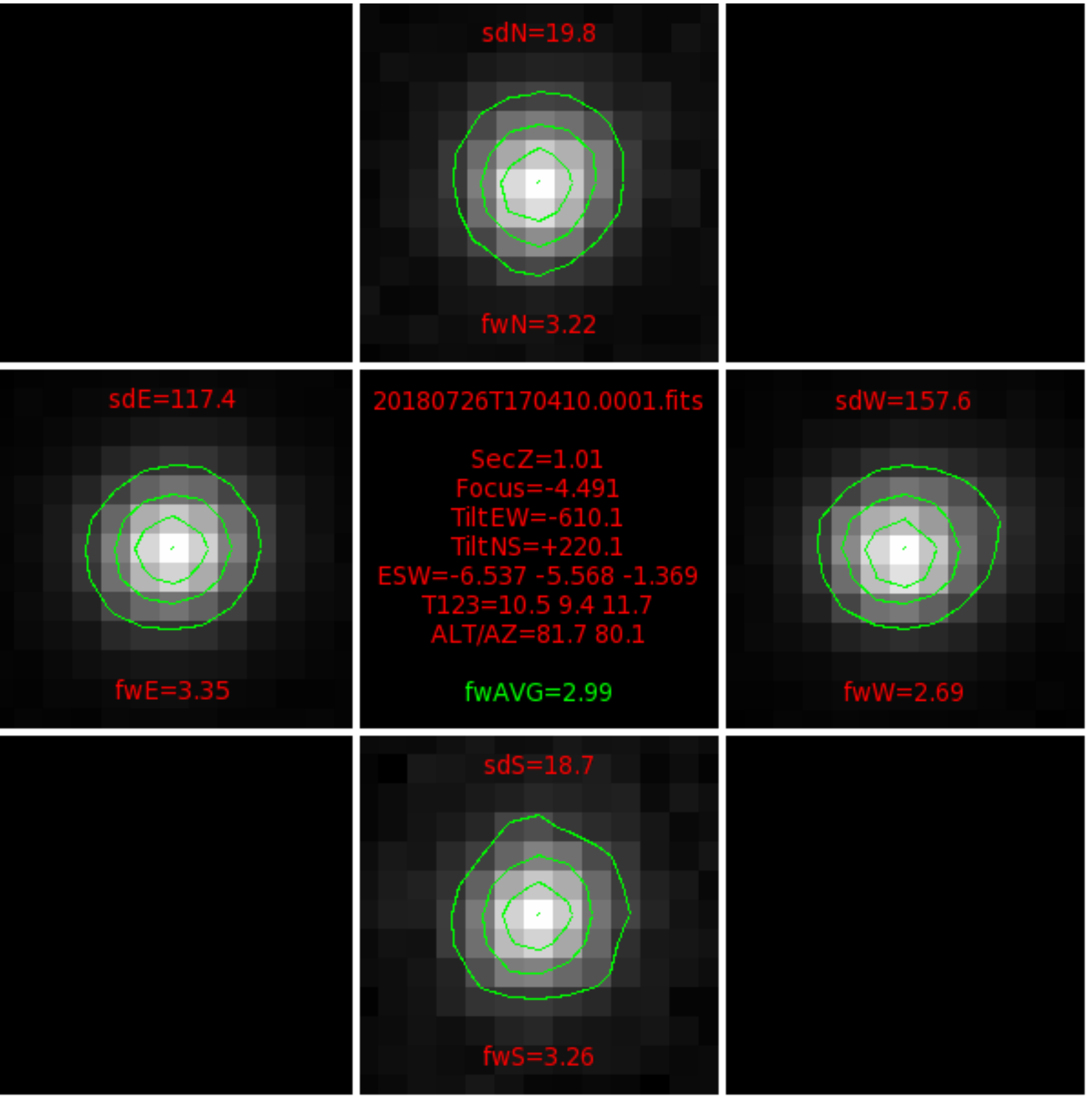

sdN=28.7
fwN=3.48
sdE=187.9
fwE=3.40
20180726T165847.0001.fits
SecZ=1.03
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.6 9.5 11.7
ALT/AZ=75.4 54.3
fwAVG=3.42
sdW=25.4
fwW=3.41
sdS=58.8
fwS=3.42
0 0 0 0 0 0 0 0 0

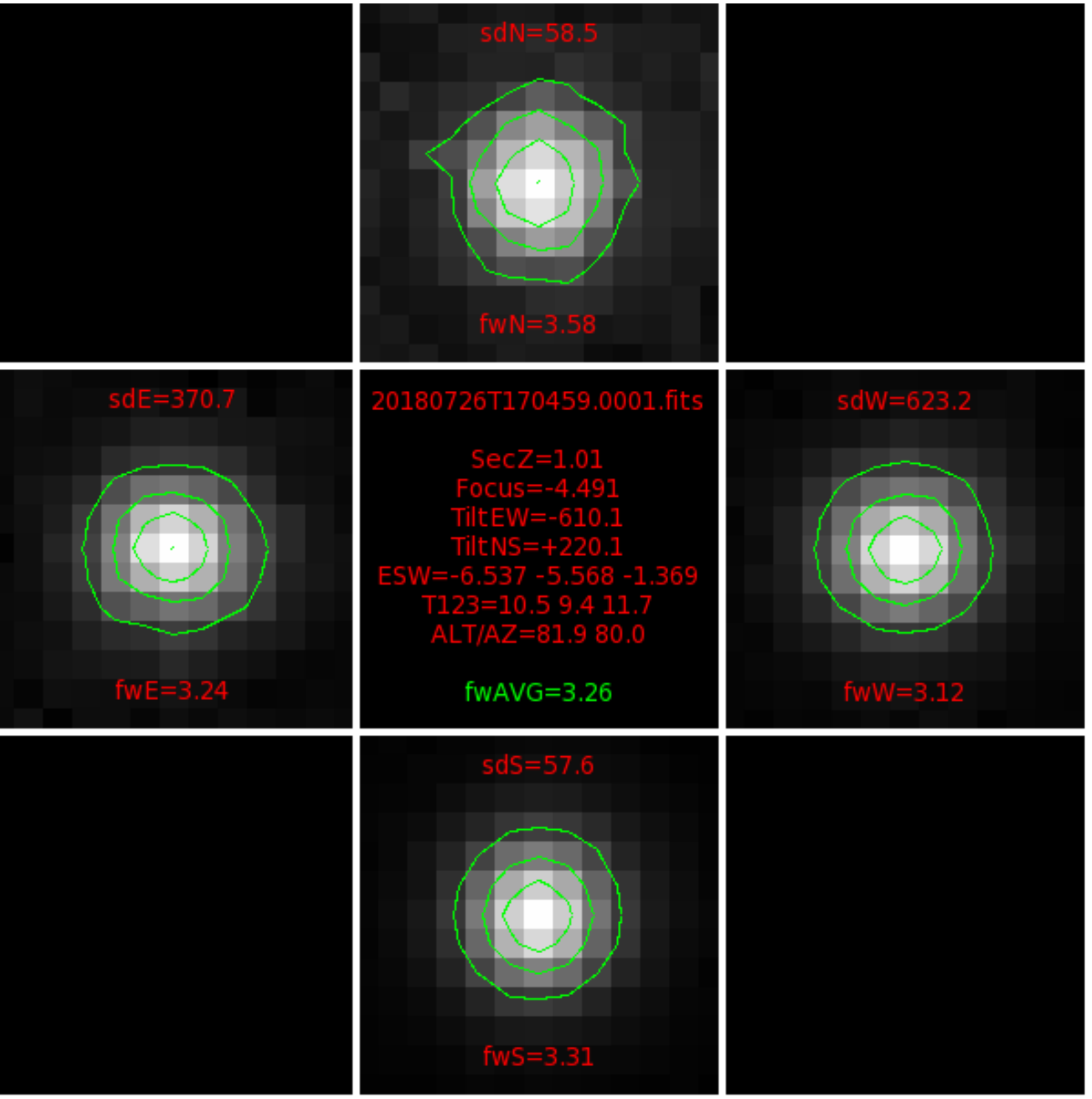

sdN=11.3
fwN=3.03
sdE=87.0
fwE=2.95
20180726T165956.0001.fits
SecZ=1.03
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.6 9.4 11.7
ALT/AZ=75.6 53.9
fwAVG=3.02
sdW=13.2
fwW=3.05
sdS=33.2
fwS=3.02
0 0 0 0 0 0 0 0 0

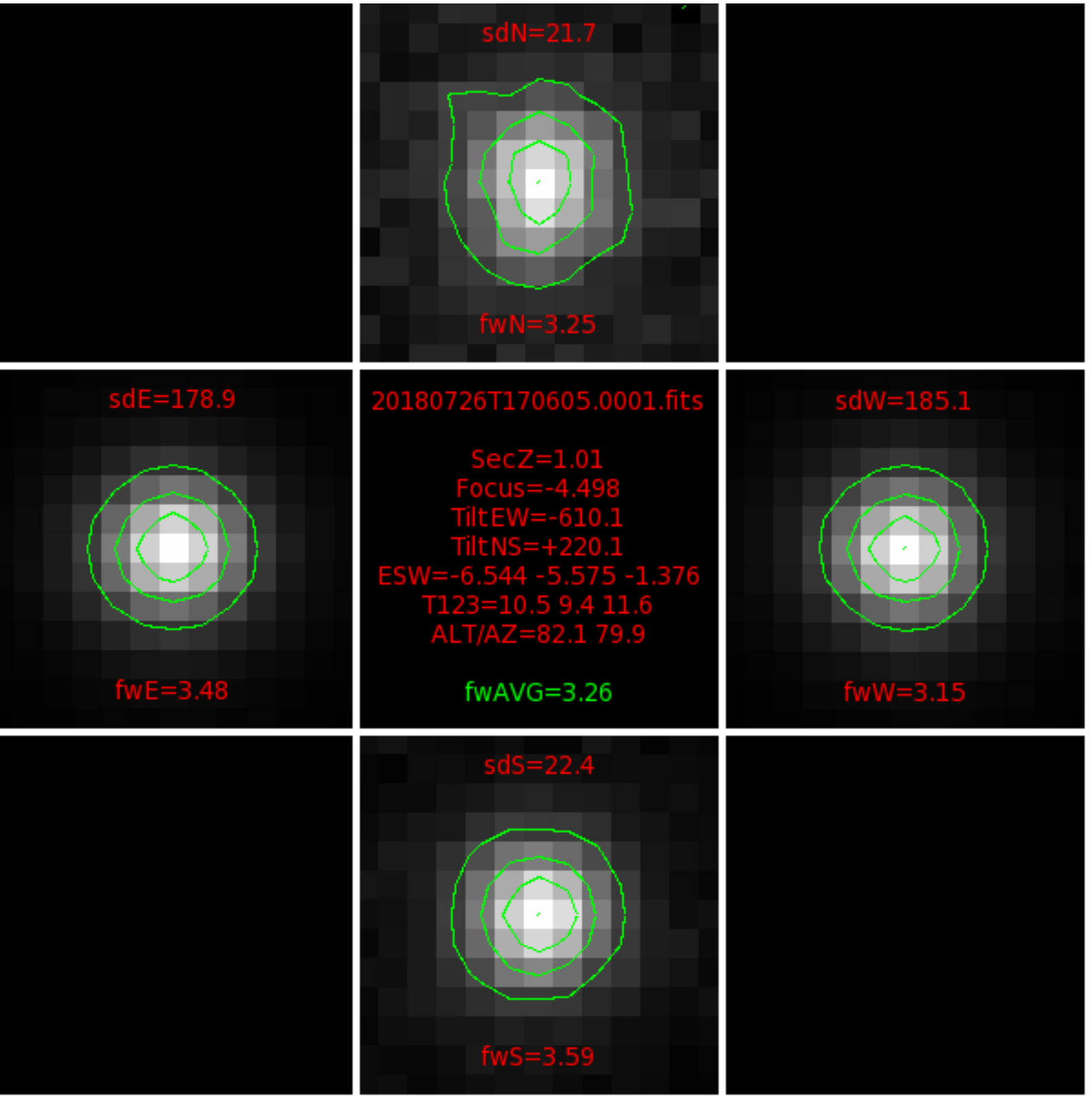

sdN=25.5
fwN=3.46
sdE=263.5
fwE=3.14
20180726T170045.0001.fits
SecZ=1.03
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.6 9.4 11.7
ALT/AZ=75.7 53.6
fwAVG=3.22
sdW=26.2
fwW=3.15
sdS=114.4
fwS=3.13
0 0 0 0 0 0 0 0 0

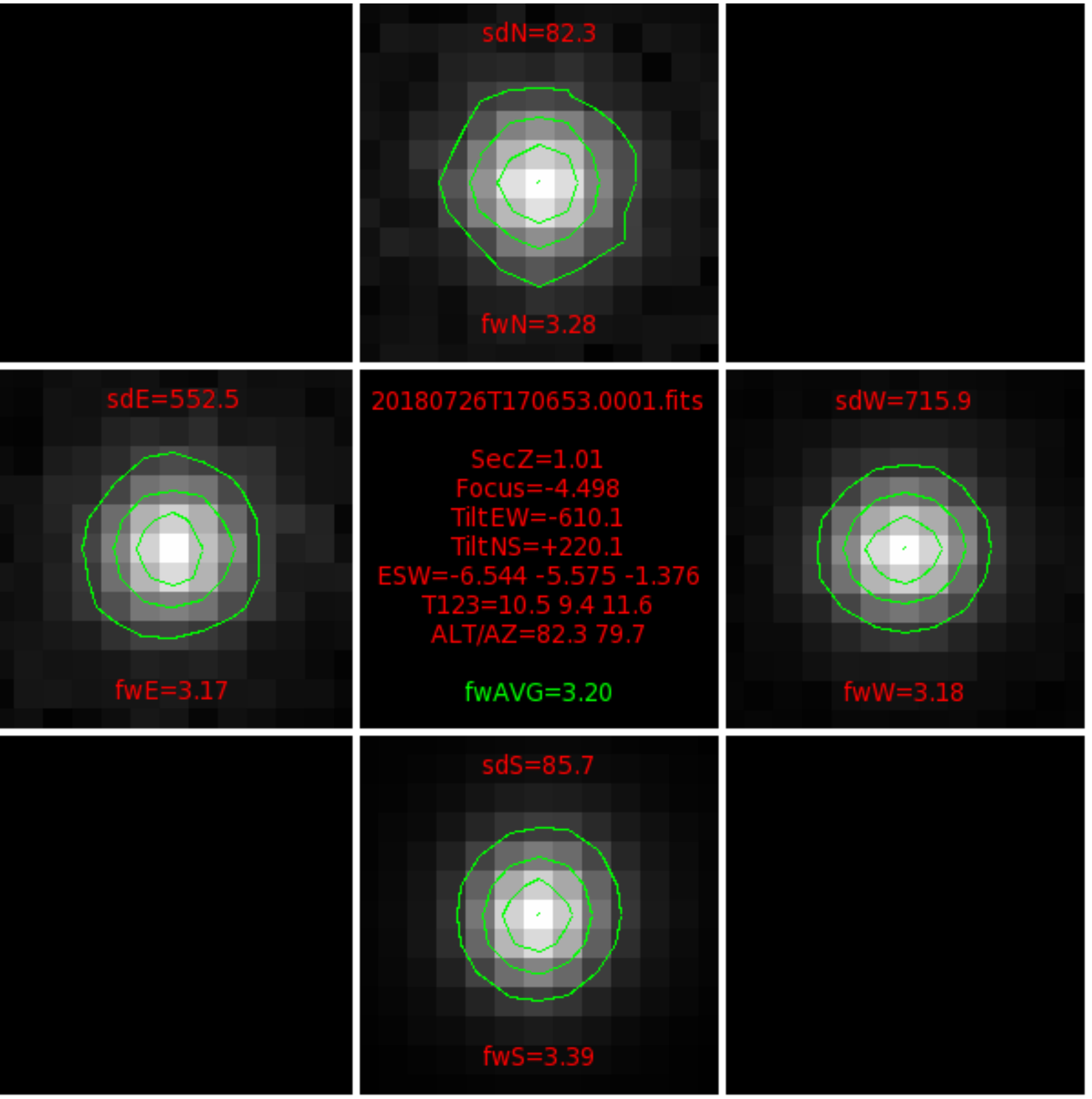

sdN=12.5
fwN=3.13
sdE=146.6
fwE=2.87
20180726T170211.0001.fits
SecZ=1.03
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.6 9.4 11.7
ALT/AZ=75.9 53.1
fwAVG=2.99
sdW=16.1
fwW=2.98
sdS=101.9
fwS=2.75
0 0 0 0 0 0 0 0 0

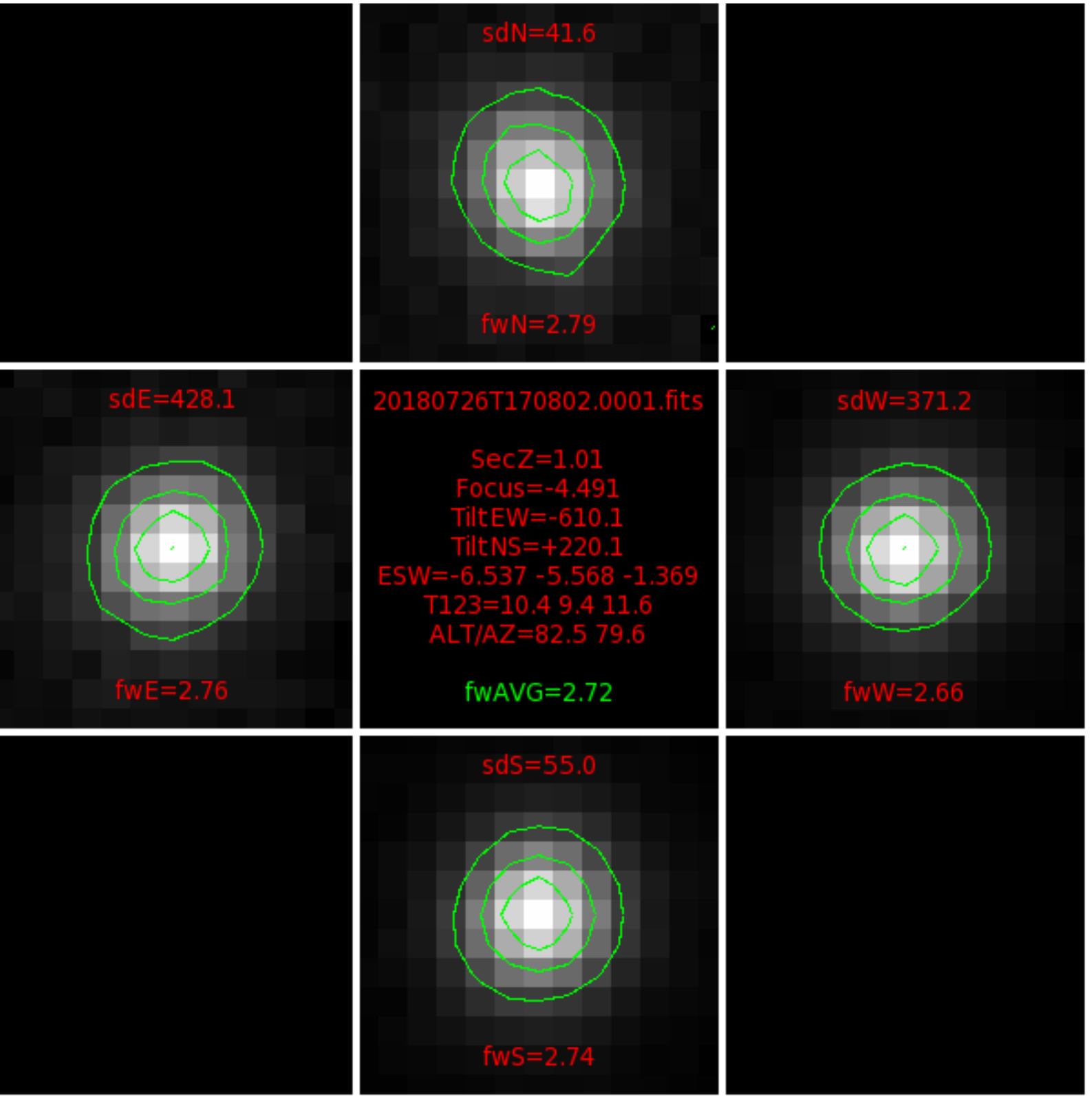

sdN=33.7
fwN=2.91
sdE=453.3
fwE=2.99
20180726T170258.0001.fits
SecZ=1.03
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.5 0.0 11.6
ALT/AZ=76.1 52.8
fwAVG=2.87
sdW=46.0
fwW=2.79
sdS=370.0
fwS=2.96
0 0 0 0 0 0 0 0 0

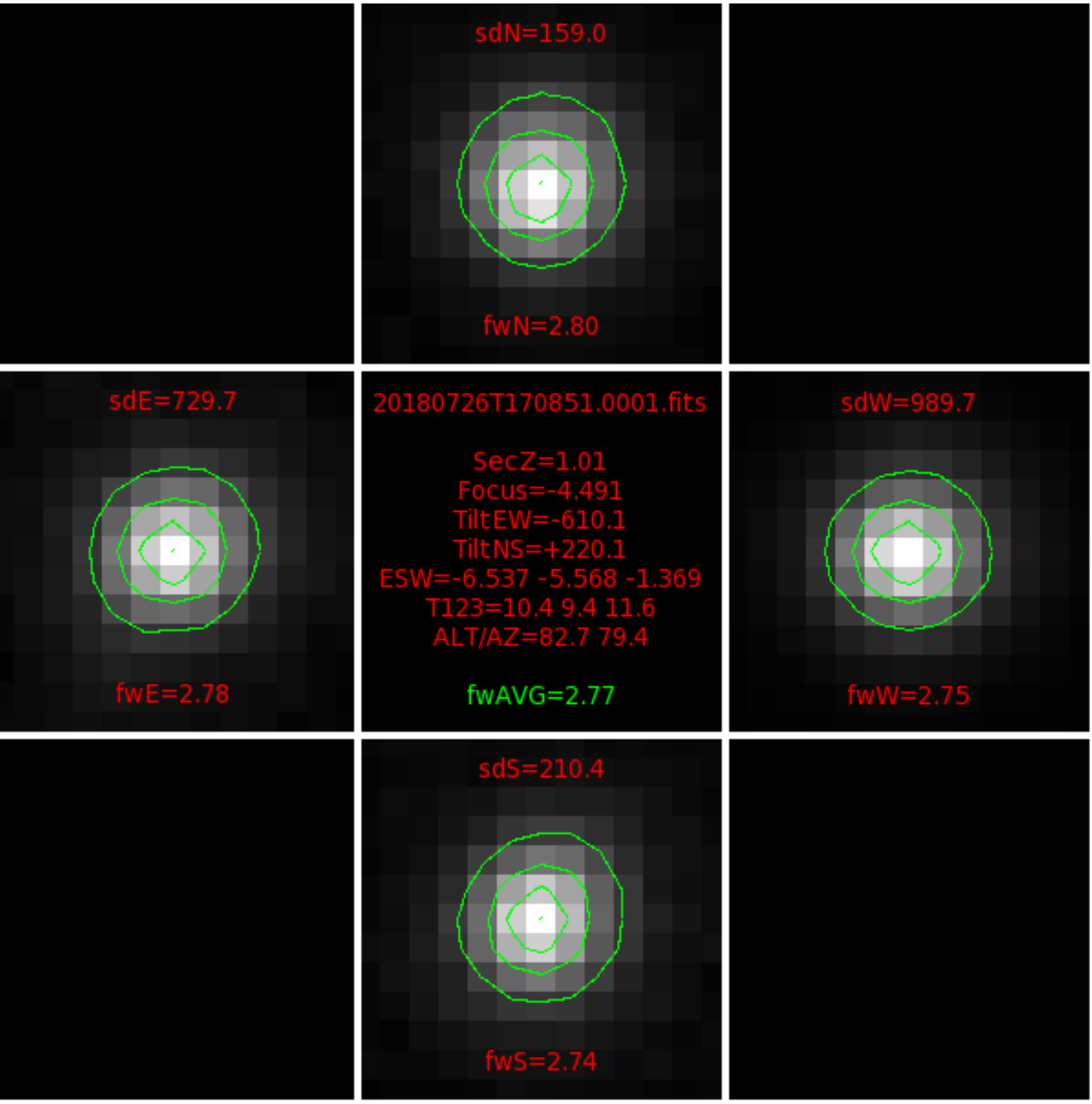

sdN=19.8
fwN=3.22
sdE=117.4
fwE=3.35
20180726T170410.0001.fits
SecZ=1.01
Focus=-4.491
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.537 -5.568 -1.369
T123=10.5 9.4 11.7
ALT/AZ=81.7 80.1
fwAVG=2.99
sdW=157.6
fwW=2.69
sdS=18.7
fwS=3.26
0 0 0 0 0 0 0 0 0

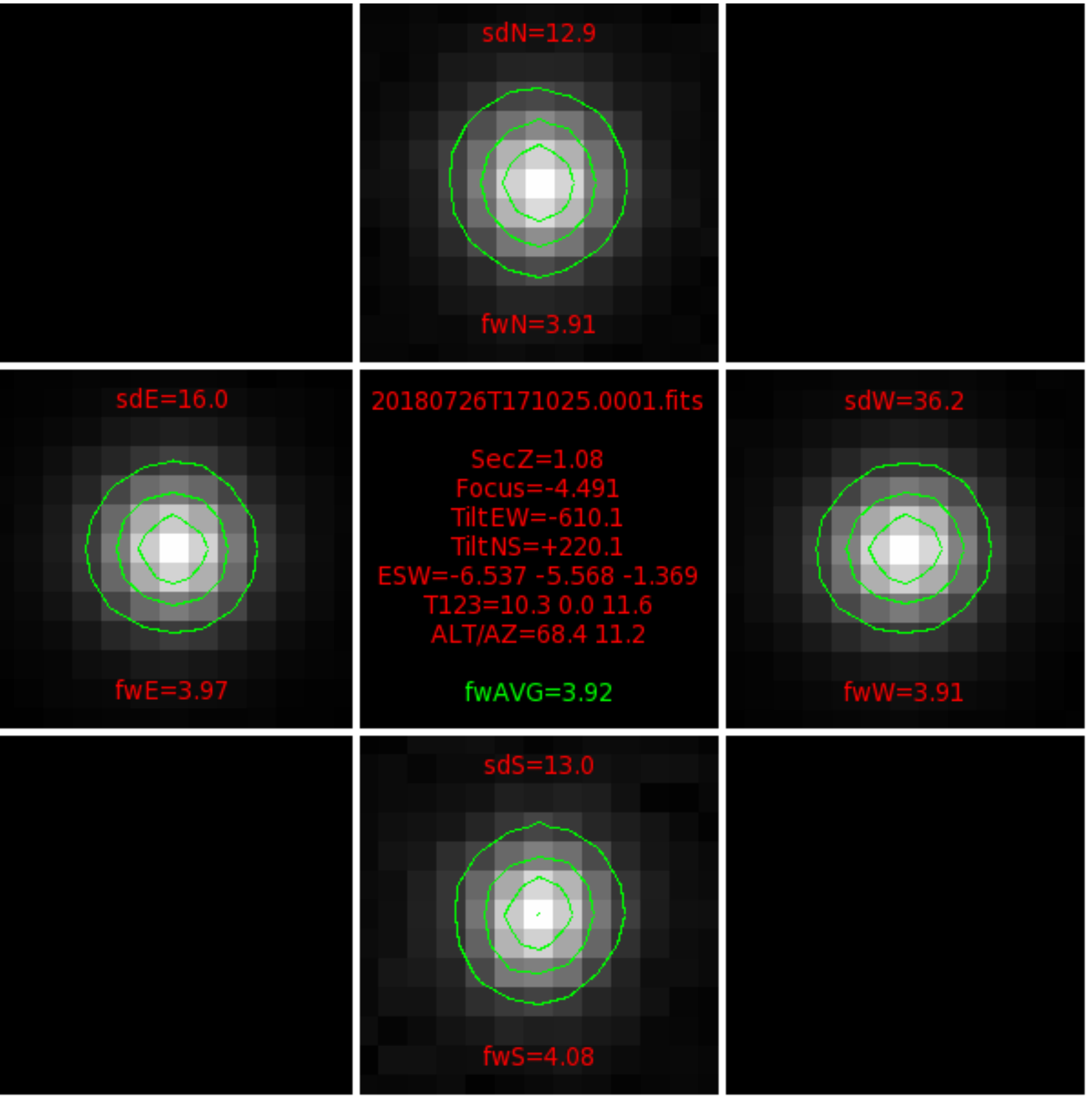

sdN=58.5
fwN=3.58
sdE=370.7
fwE=3.24
20180726T170459.0001.fits
SecZ=1.01
Focus=-4.491
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.537 -5.568 -1.369
T123=10.5 9.4 11.7
ALT/AZ=81.9 80.0
fwAVG=3.26
sdW=623.2
fwW=3.12
sdS=57.6
fwS=3.31
0 0 0 0 0 0 0 0 0

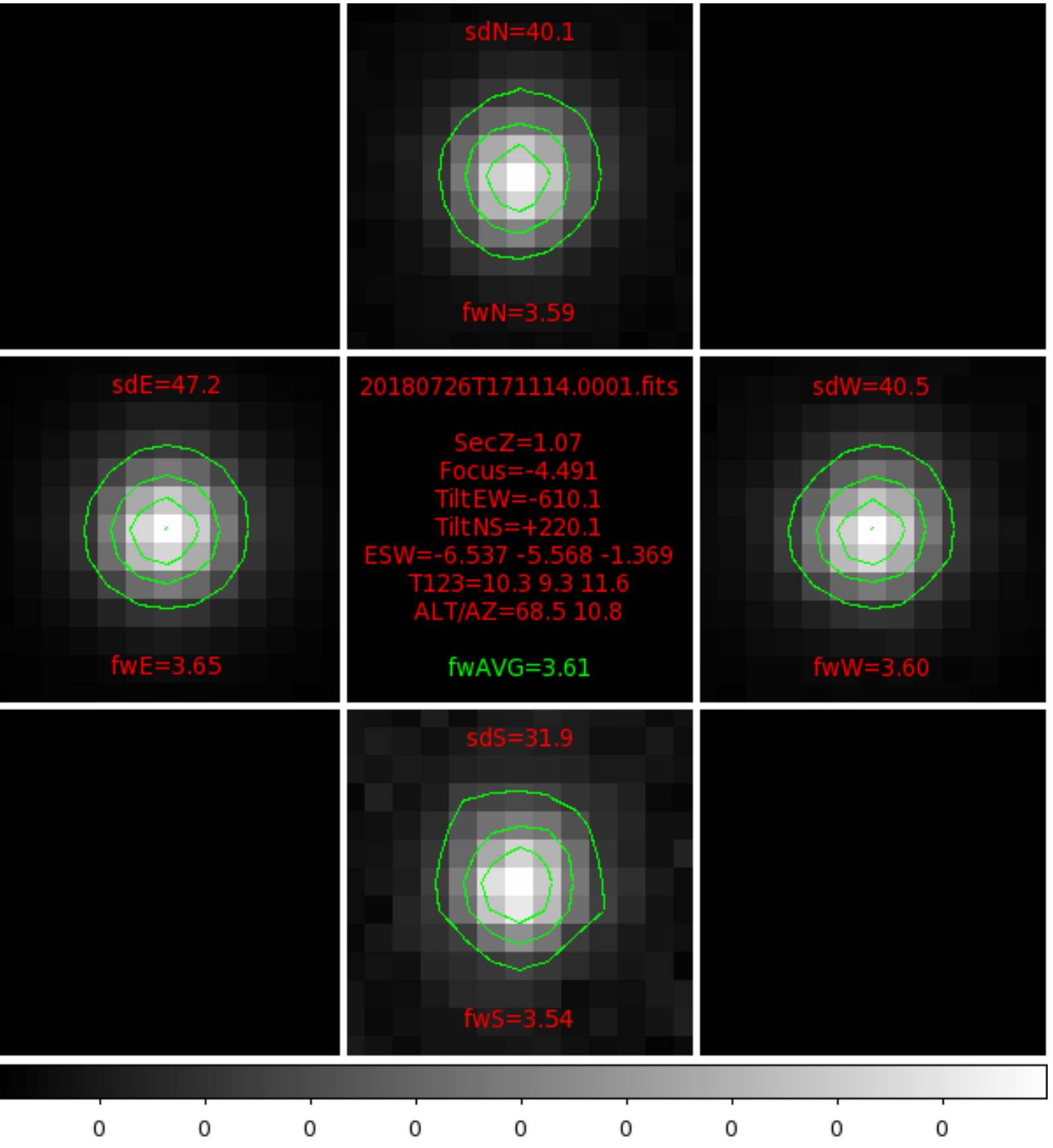

sdN=21.7
fwN=3.25
sdE=178.9
fwE=3.48
20180726T170605.0001.fits
SecZ=1.01
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.5 9.4 11.6
ALT/AZ=82.1 79.9
fwAVG=3.26
sdW=185.1
fwW=3.15
sdS=22.4
fwS=3.59
0 0 0 0 0 0 0 0 0

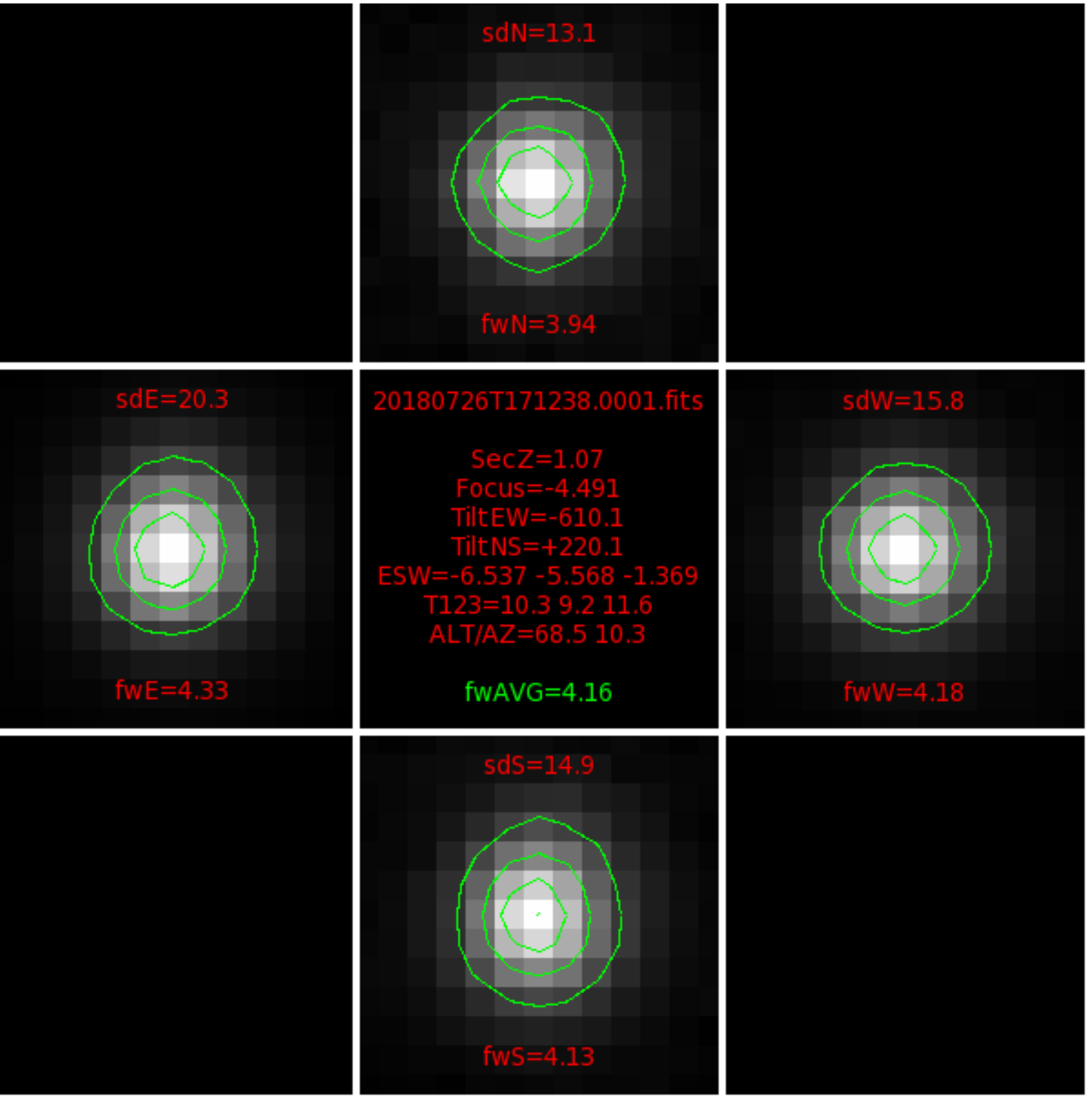

sdN=82.3
fwN=3.28
sdE=552.5
fwE=3.17
20180726T170653.0001.fits
SecZ=1.01
Focus=-4.498
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.544 -5.575 -1.376
T123=10.5 9.4 11.6
ALT/AZ=82.3 79.7
fwAVG=3.20
sdW=715.9
fwW=3.18
sdS=85.7
fwS=3.39
0 0 0 0 0 0 0 0 0

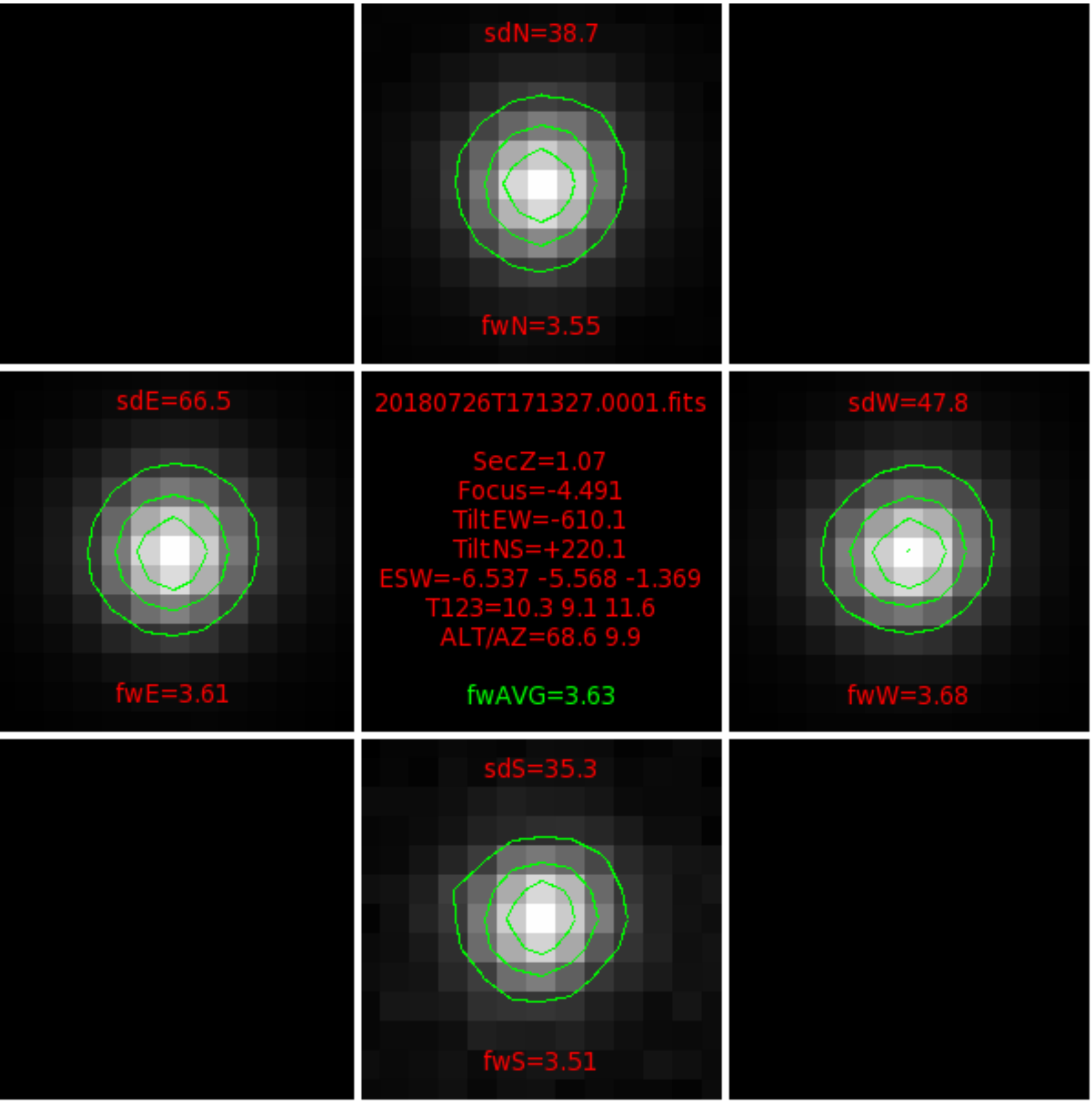

sdN=41.6
fwN=2.79
sdE=428.1
fwE=2.76
20180726T170802.0001.fits
SecZ=1.01
Focus=-4.491
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.537 -5.568 -1.369
T123=10.4 9.4 11.6
ALT/AZ=82.5 79.6
fwAVG=2.72
sdW=371.2
fwW=2.66
sdS=55.0
fwS=2.74
0 0 0 0 0 0 0 0 0

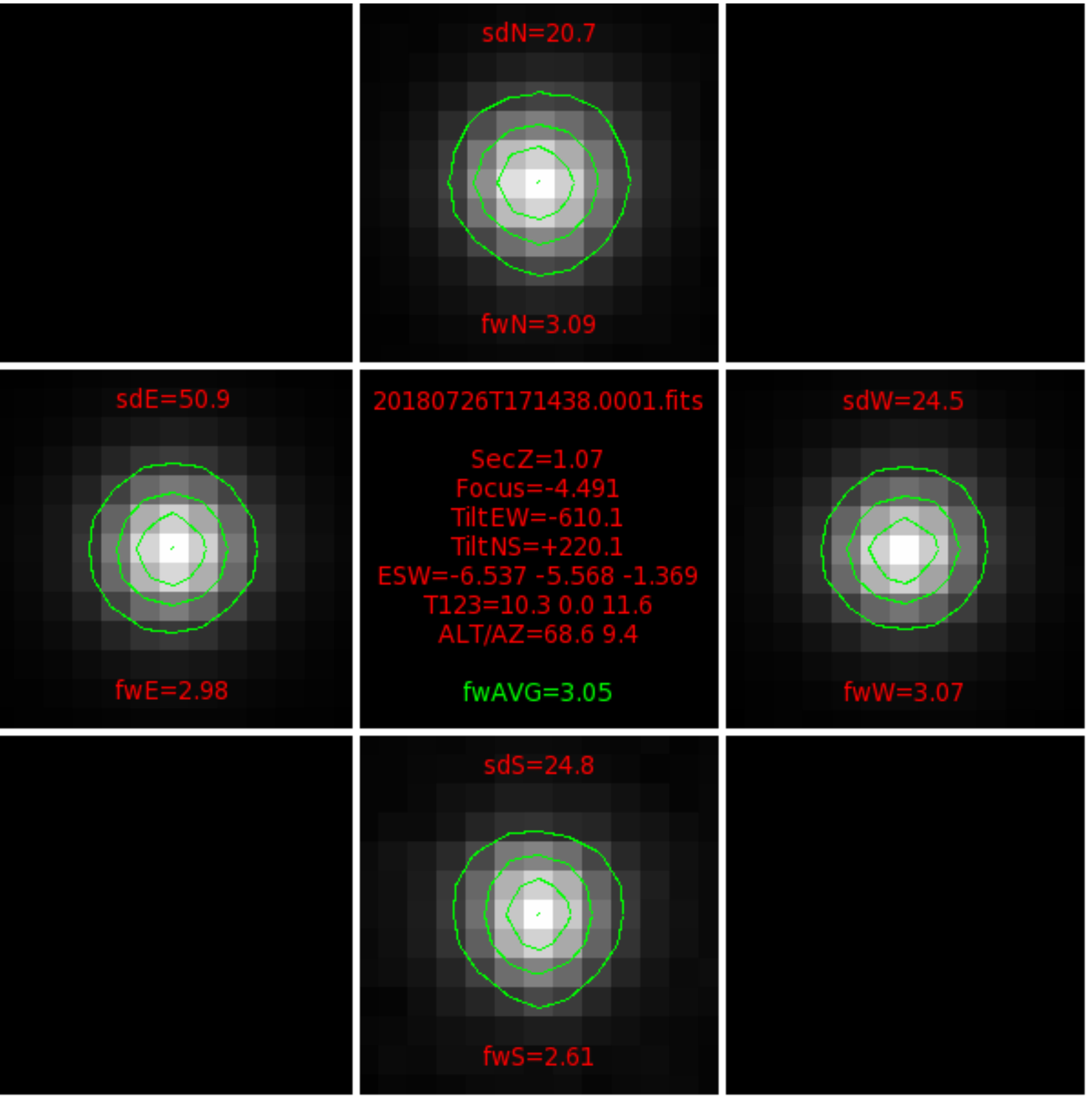

sdN=159.0
fwN=2.80
sdE=729.7
fwE=2.78
20180726T170851.0001.fits
SecZ=1.01
Focus=-4.491
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.537 -5.568 -1.369
T123=10.4 9.4 11.6
ALT/AZ=82.7 79.4
fwAVG=2.77
sdW=989.7
fwW=2.75
sdS=210.4
fwS=2.74
0 0 0 0 0 0 0 0 0

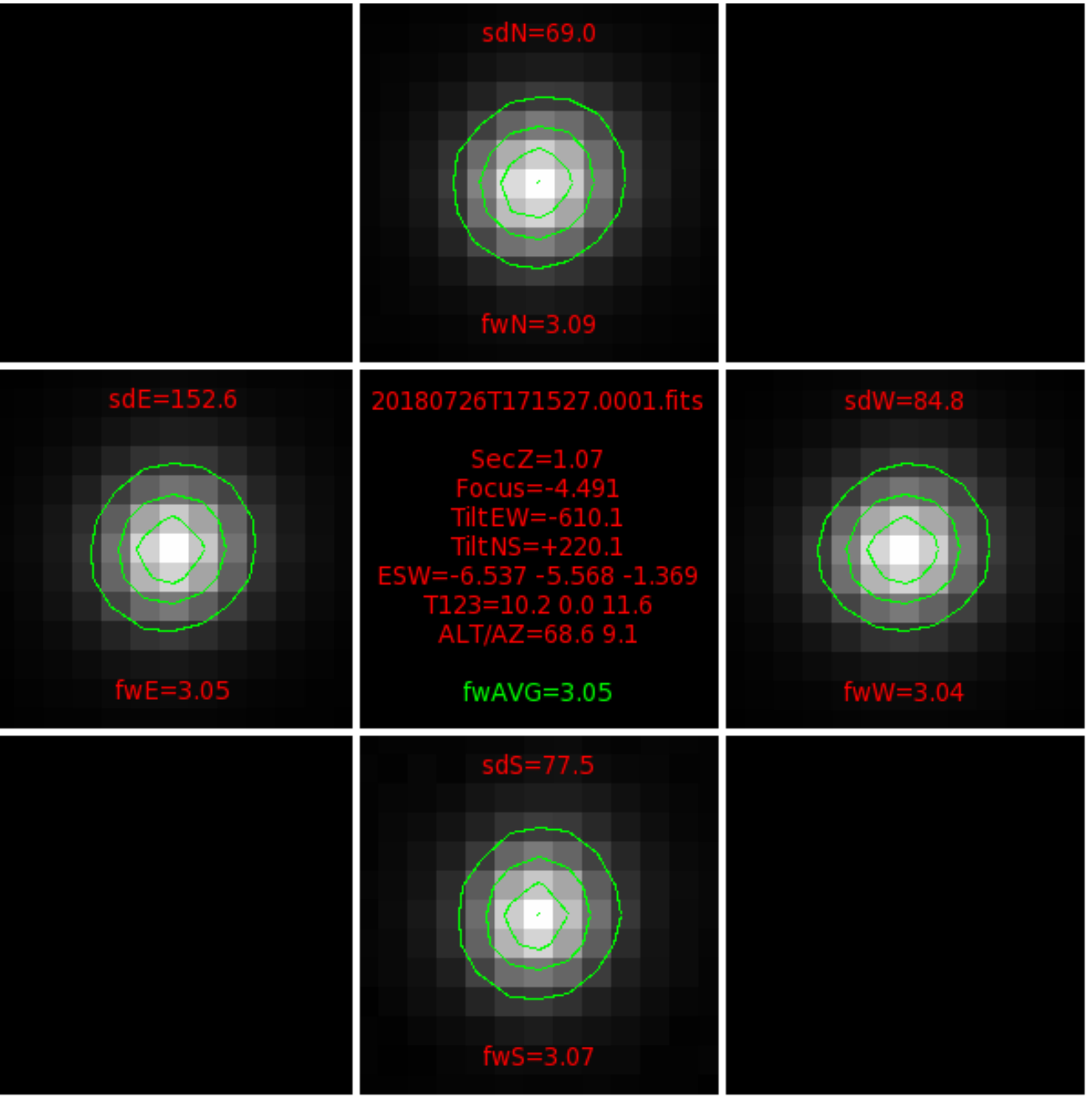

sdN=12.9
fwN=3.91
sdE=16.0
fwE=3.97
20180726T171025.0001.fits
SecZ=1.08
Focus=-4.491
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.537 -5.568 -1.369
T123=10.3 0.0 11.6
ALT/AZ=68.4 11.2
fwAVG=3.92
sdW=36.2
fwW=3.91
sdS=13.0
fwS=4.08
0 0 0 0 0 0 0 0 0

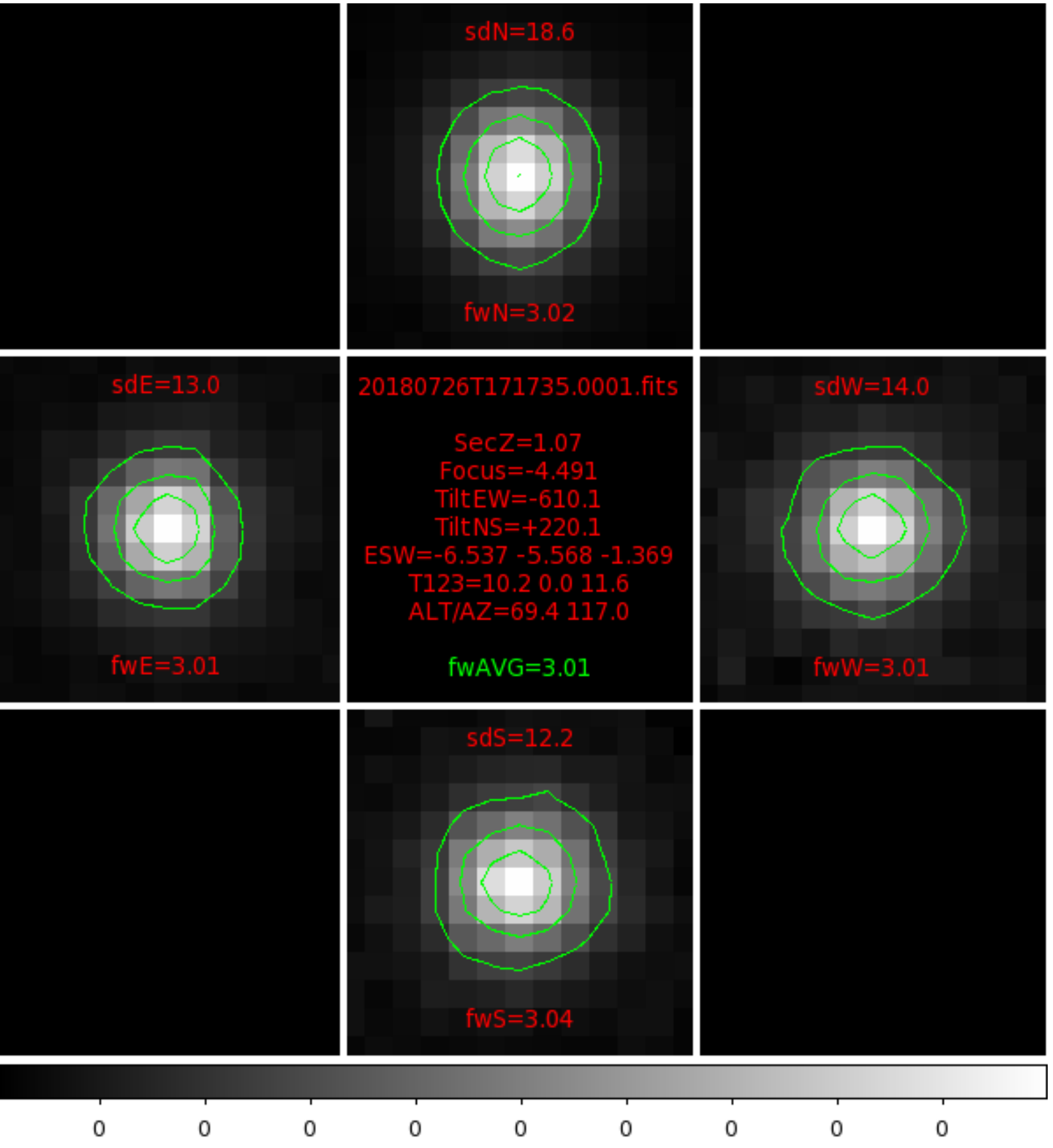

sdN=40.1
fwN=3.59
sdE=47.2
fwE=3.65
20180726T171114.0001.fits
SecZ=1.07
Focus=-4.491
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.537 -5.568 -1.369
T123=10.3 9.3 11.6
ALT/AZ=68.5 10.8
fwAVG=3.61
sdW=40.5
fwW=3.60
sdS=31.9
fwS=3.54
0 0 0 0 0 0 0 0 0

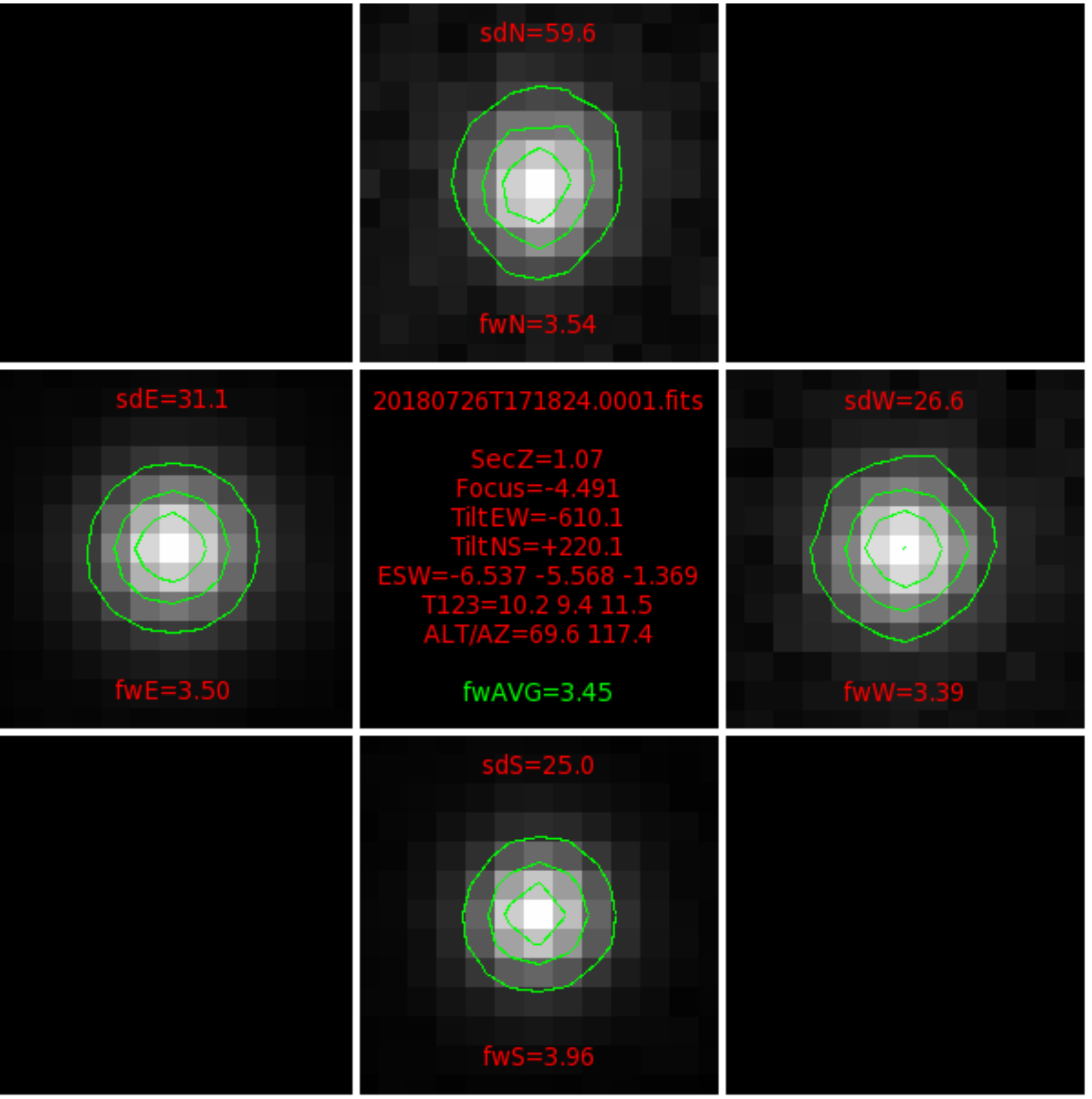

sdN=13.1
fwN=3.94
sdE=20.3
fwE=4.33
20180726T171238.0001.fits
SecZ=1.07
Focus=-4.491
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.537 -5.568 -1.369
T123=10.3 9.2 11.6
ALT/AZ=68.5 10.3
fwAVG=4.16
sdW=15.8
fwW=4.18
sdS=14.9
fwS=4.13
0 0 0 0 0 0 0 0 0

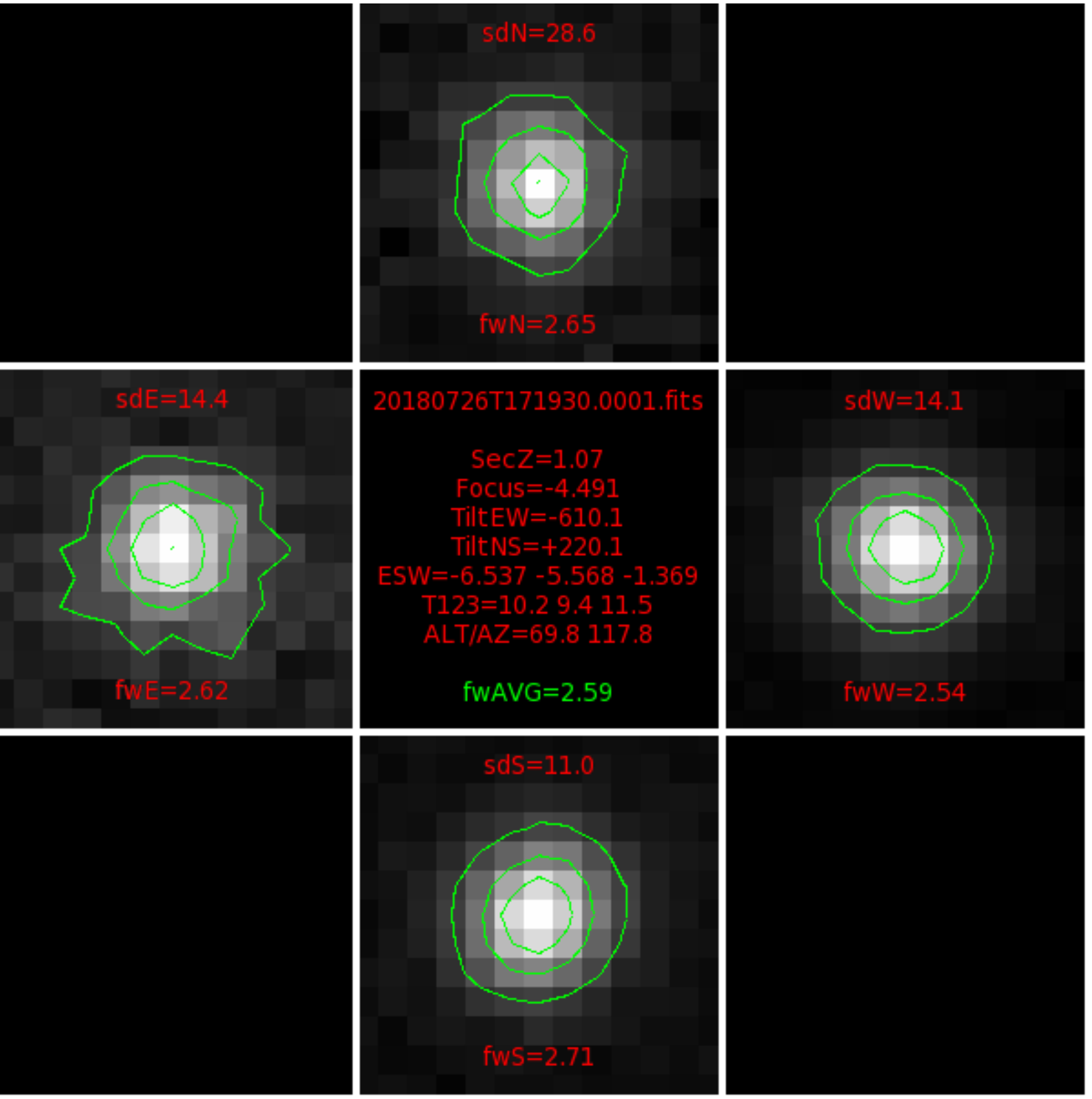

sdN=38.7
fwN=3.55
sdE=66.5
fwE=3.61
20180726T171327.0001.fits
SecZ=1.07
Focus=-4.491
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.537 -5.568 -1.369
T123=10.3 9.1 11.6
ALT/AZ=68.6 9.9
fwAVG=3.63
sdW=47.8
fwW=3.68
sdS=35.3
fwS=3.51
0 0 0 0 0 0 0 0 0

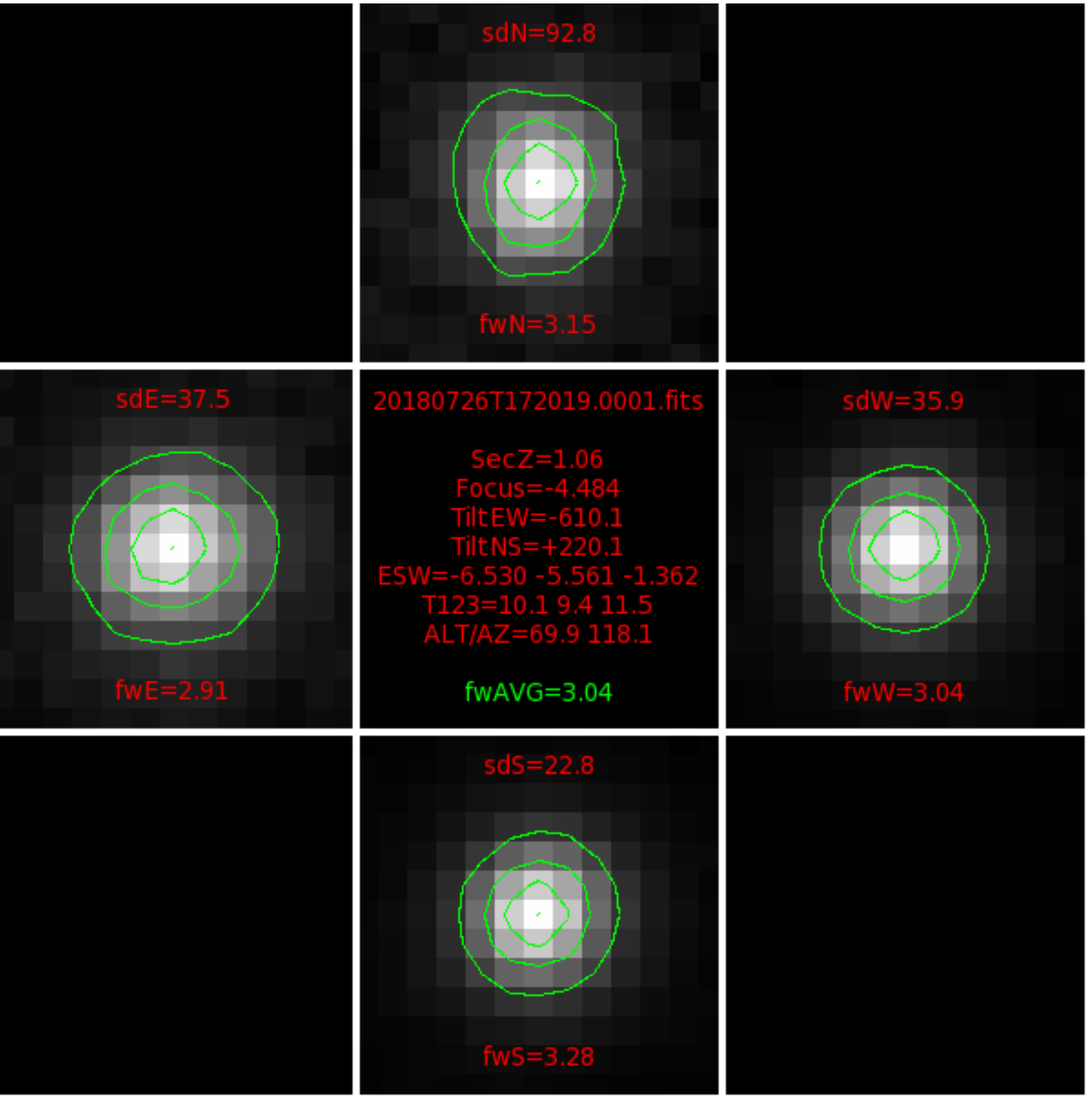

sdN=20.7
fwN=3.09
sdE=50.9
fwE=2.98
20180726T171438.0001.fits
SecZ=1.07
Focus=-4.491
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.537 -5.568 -1.369
T123=10.3 0.0 11.6
ALT/AZ=68.6 9.4
fwAVG=3.05
sdW=24.5
fwW=3.07
sdS=24.8
fwS=2.61
0 0 0 0 0 0 0 0 0

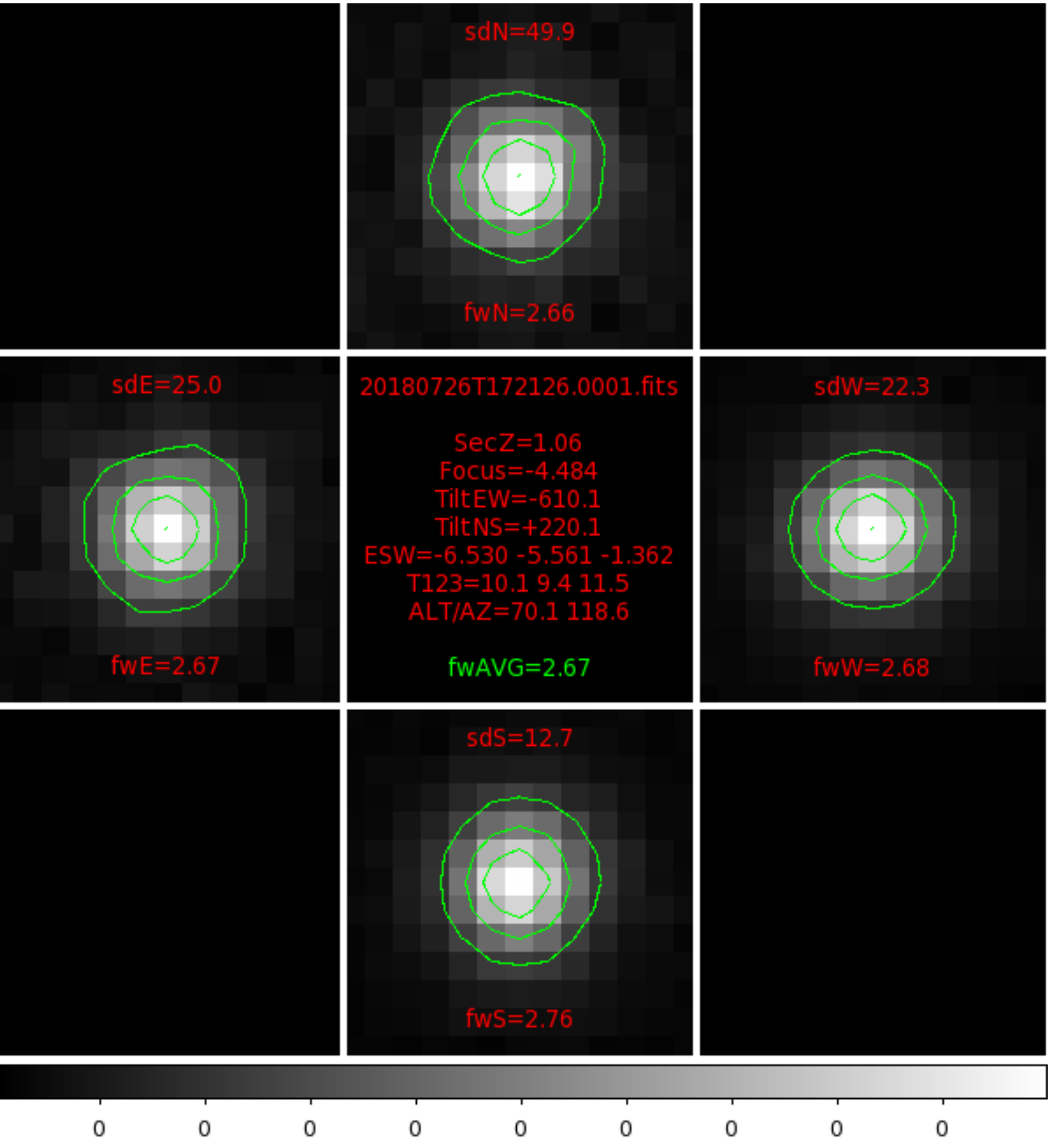

sdN=69.0
fwN=3.09
sdE=152.6
fwE=3.05
20180726T171527.0001.fits
SecZ=1.07
Focus=-4.491
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.537 -5.568 -1.369
T123=10.2 0.0 11.6
ALT/AZ=68.6 9.1
fwAVG=3.05
sdW=84.8
fwW=3.04
sdS=77.5
fwS=3.07
0 0 0 0 0 0 0 0 0

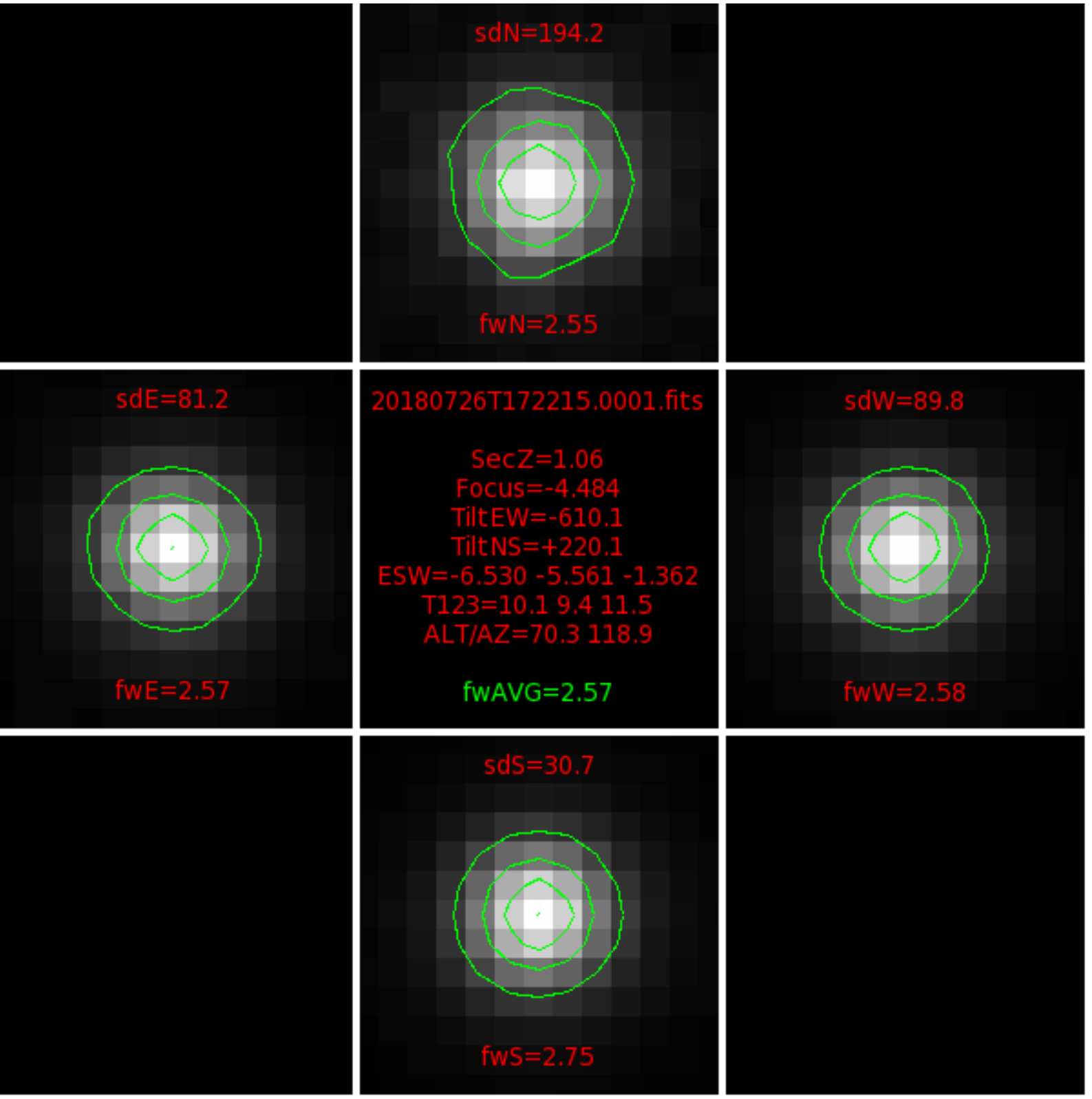

sdN=18.6
fwN=3.02
sdE=13.0
fwE=3.01
20180726T171735.0001.fits
SecZ=1.07
Focus=-4.491
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.537 -5.568 -1.369
T123=10.2 0.0 11.6
ALT/AZ=69.4 117.0
fwAVG=3.01
sdW=14.0
fwW=3.01
sdS=12.2
fwS=3.04
0 0 0 0 0 0 0 0 0

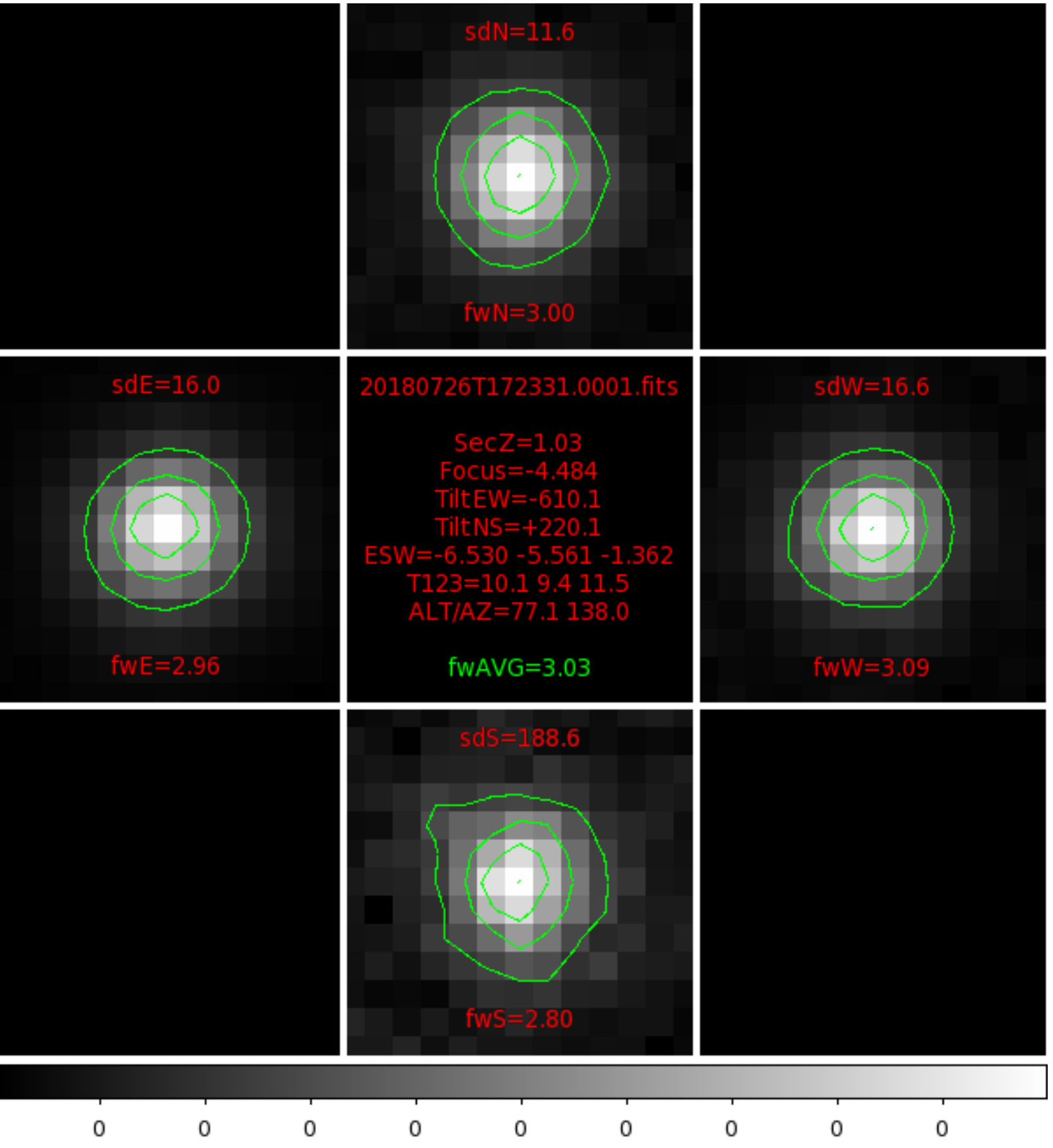

sdN=59.6
fwN=3.54
sdE=31.1
fwE=3.50
20180726T171824.0001.fits
SecZ=1.07
Focus=-4.491
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.537 -5.568 -1.369
T123=10.2 9.4 11.5
ALT/AZ=69.6 117.4
fwAVG=3.45
sdW=26.6
fwW=3.39
sdS=25.0
fwS=3.96
0 0 0 0 0 0 0 0 0

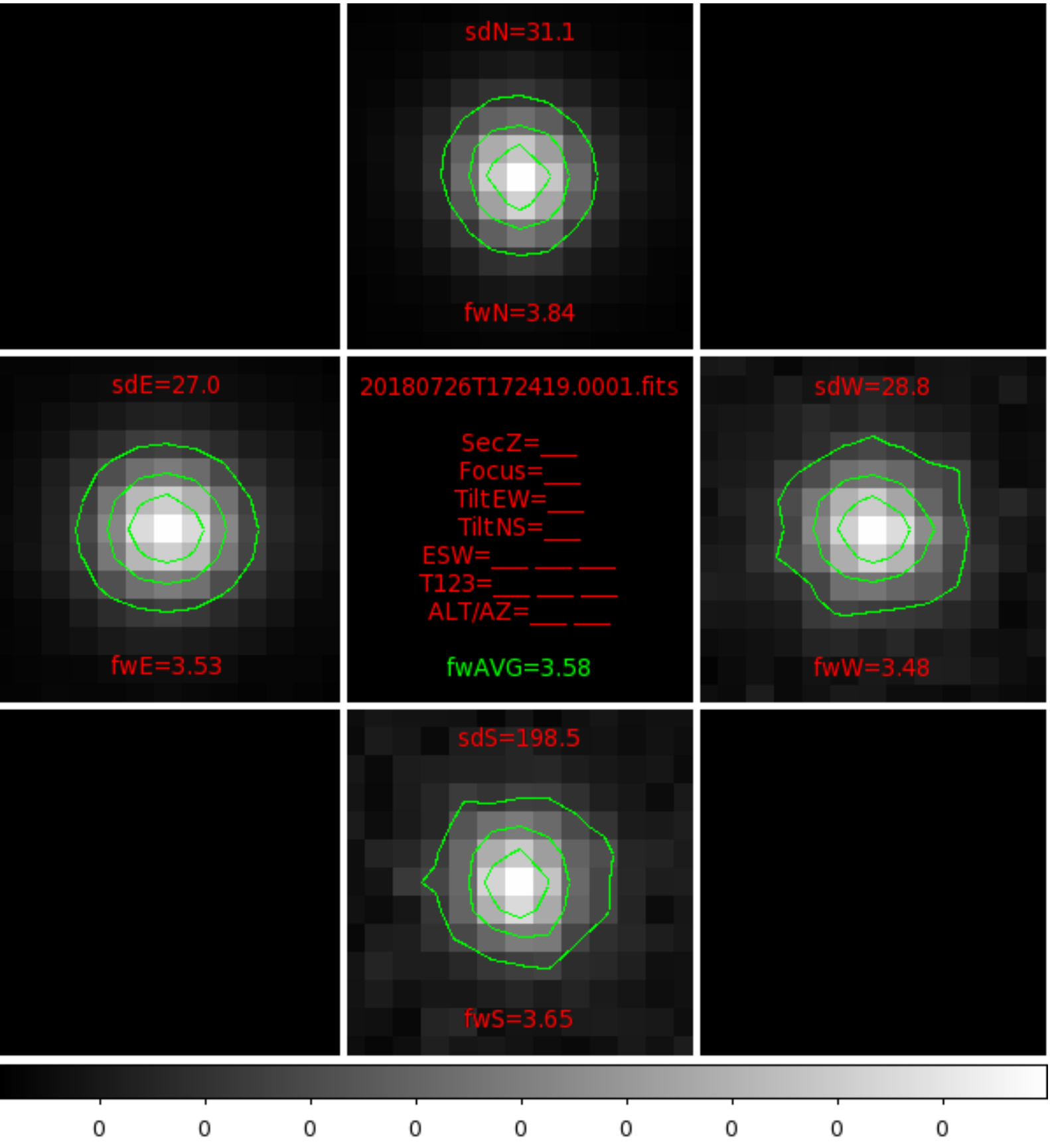

sdN=28.6
fwN=2.65
sdE=14.4
fwE=2.62
20180726T171930.0001.fits
SecZ=1.07
Focus=-4.491
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.537 -5.568 -1.369
T123=10.2 9.4 11.5
ALT/AZ=69.8 117.8
fwAVG=2.59
sdW=14.1
fwW=2.54
sdS=11.0
fwS=2.71
0 0 0 0 0 0 0 0 0

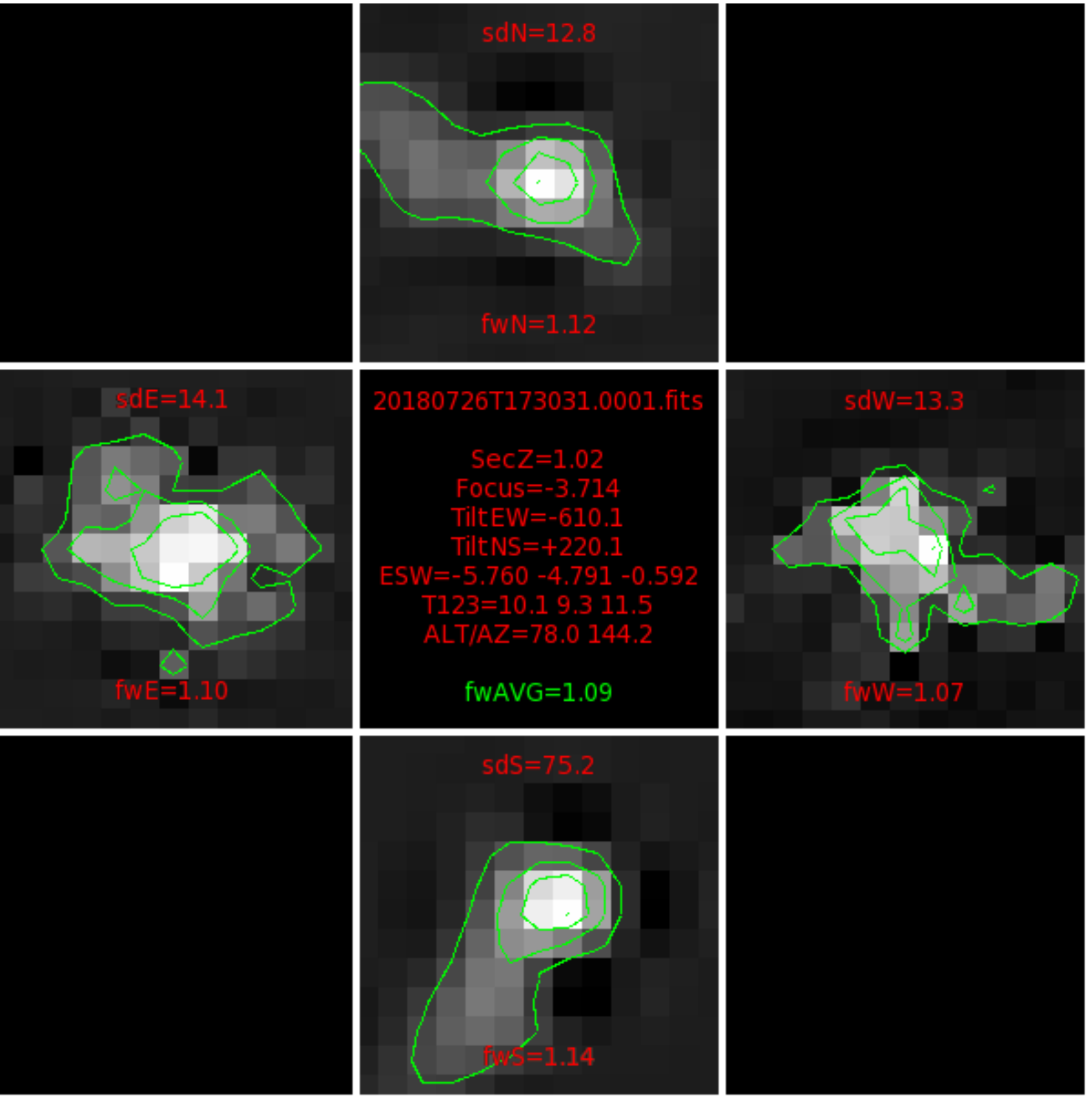

sdN=92.8
fwN=3.15
sdE=37.5
fwE=2.91
20180726T172019.0001.fits
SecZ=1.06
Focus=-4.484
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.530 -5.561 -1.362
T123=10.1 9.4 11.5
ALT/AZ=69.9 118.1
fwAVG=3.04
sdW=35.9
fwW=3.04
sdS=22.8
fwS=3.28
0 0 0 0 0 0 0 0 0

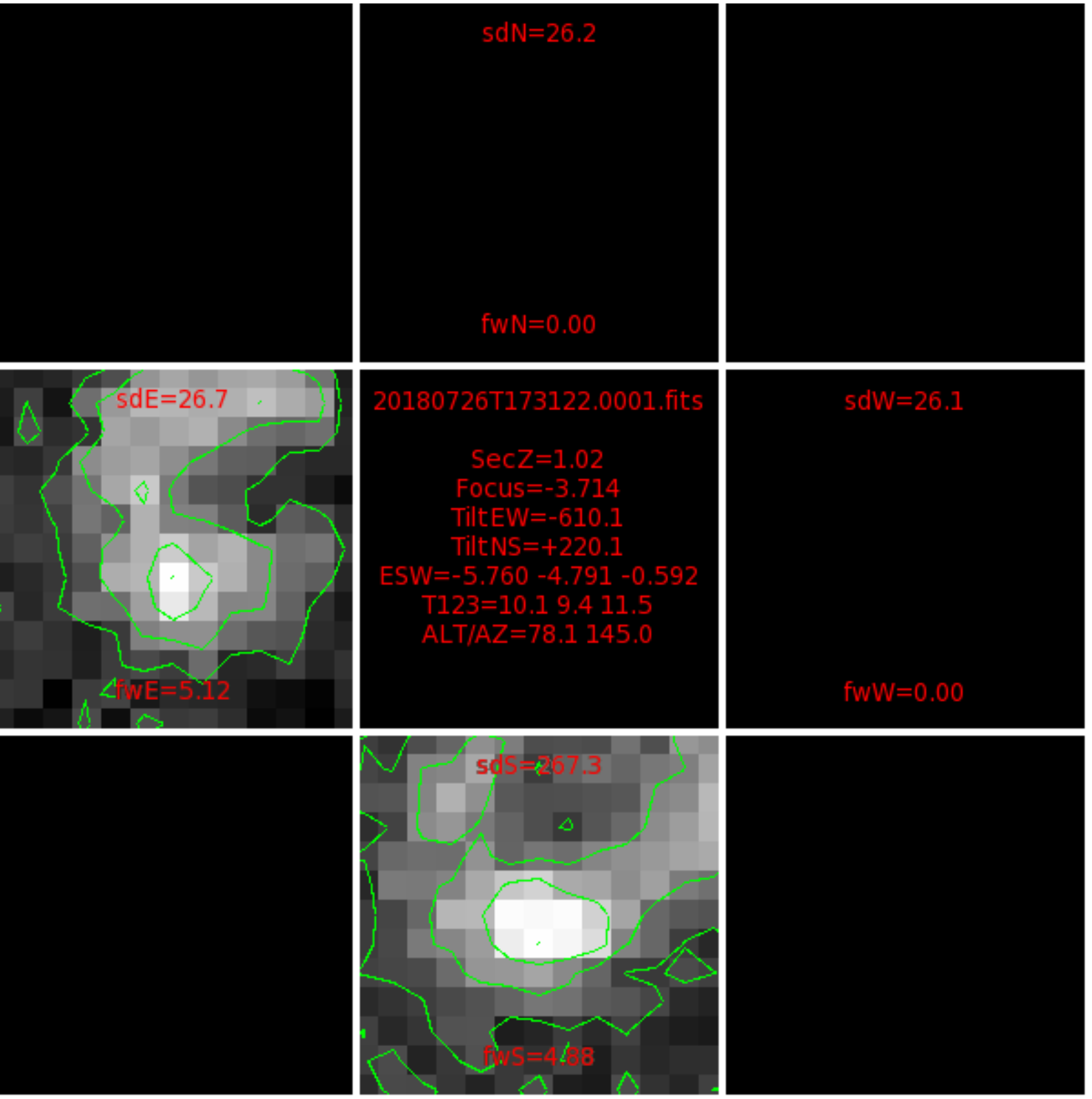

sdN=49.9
fwN=2.66
sdE=25.0
fwE=2.67
20180726T172126.0001.fits
SecZ=1.06
Focus=-4.484
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.530 -5.561 -1.362
T123=10.1 9.4 11.5
ALT/AZ=70.1 118.6
fwAVG=2.67
sdW=22.3
fwW=2.68
sdS=12.7
fwS=2.76
0 0 0 0 0 0 0 0 0

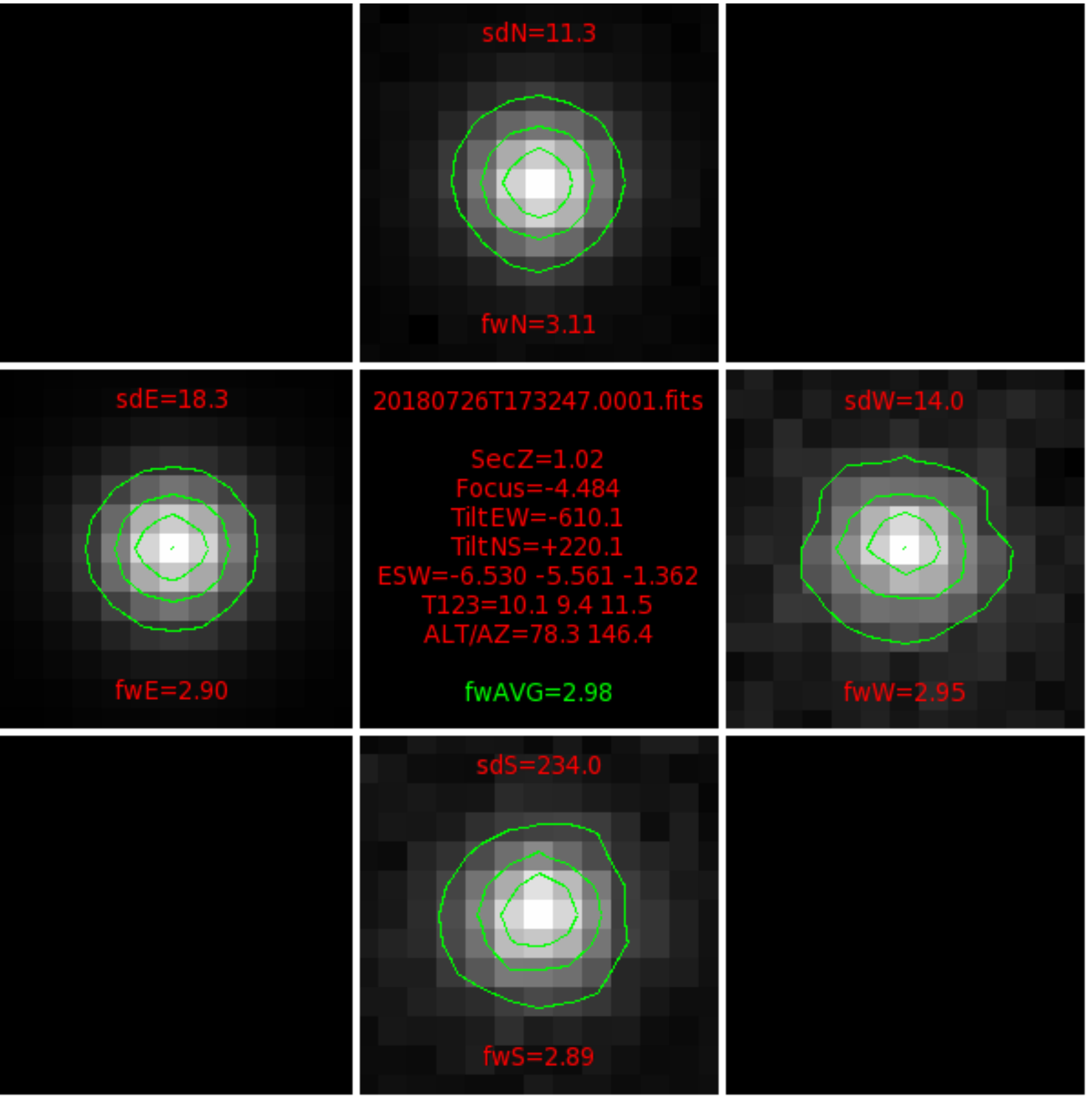

sdN=194.2
fwN=2.55
sdE=81.2
fwE=2.57
20180726T172215.0001.fits
SecZ=1.06
Focus=-4.484
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.530 -5.561 -1.362
T123=10.1 9.4 11.5
ALT/AZ=70.3 118.9
fwAVG=2.57
sdW=89.8
fwW=2.58
sdS=30.7
fwS=2.75
0 0 0 0 0 0 0 0 0

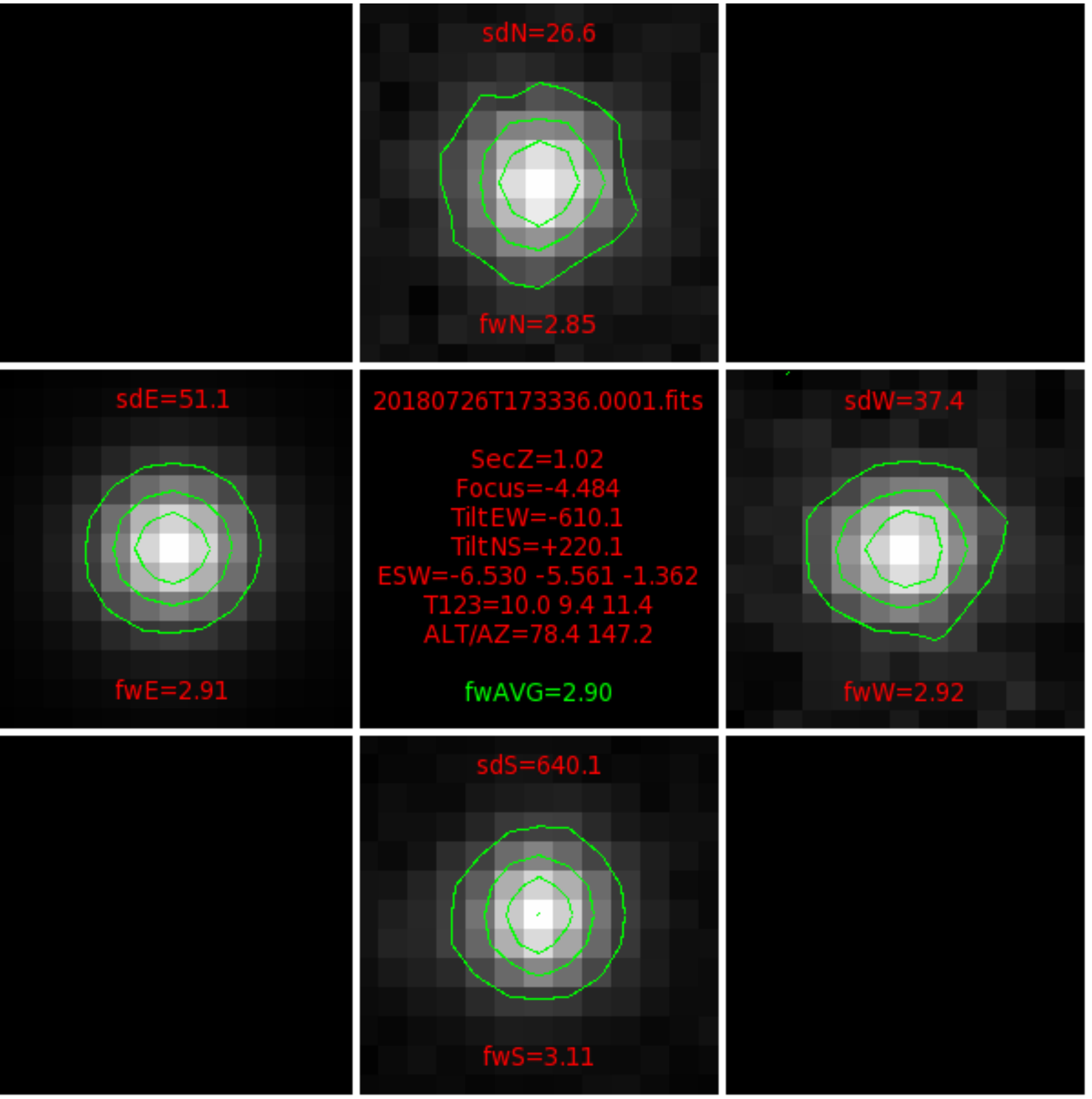

sdN=11.6
fwN=3.00
sdE=16.0
fwE=2.96
20180726T172331.0001.fits
SecZ=1.03
Focus=-4.484
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.530 -5.561 -1.362
T123=10.1 9.4 11.5
ALT/AZ=77.1 138.0
fwAVG=3.03
sdW=16.6
fwW=3.09
sdS=188.6
fwS=2.80
0 0 0 0 0 0 0 0 0

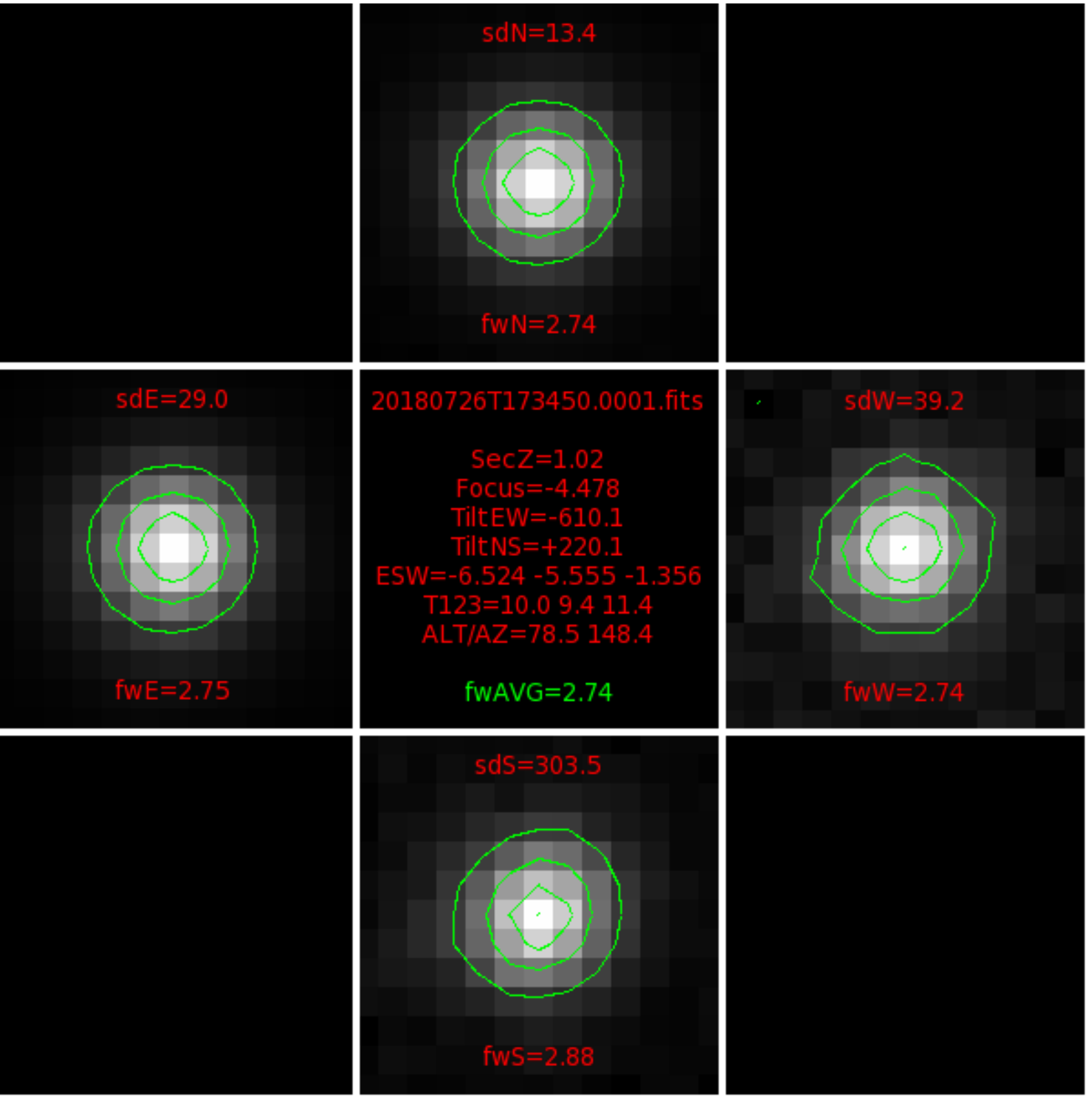

sdN=31.1
fwN=3.84
sdE=27.0
fwE=3.53
20180726T172419.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=3.58
sdW=28.8
fwW=3.48
sdS=198.5
fwS=3.65
0 0 0 0 0 0 0 0 0

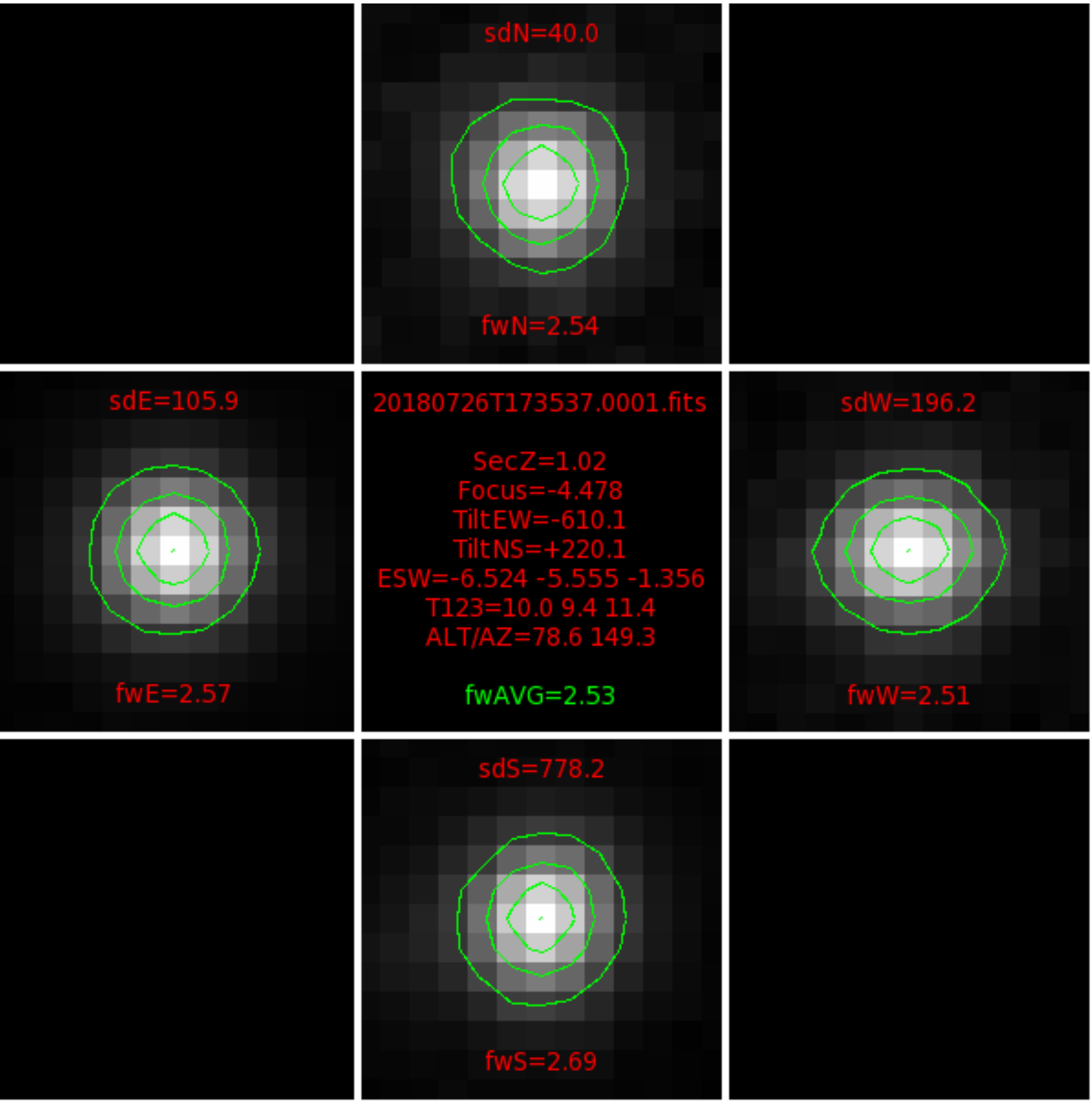

sdN=12.8
fwN=1.12
sdE=14.1
fwE=1.10
20180726T173031.0001.fits
SecZ=1.02
Focus=-3.714
TiltEW=-610.1
TiltNS=+220.1
ESW=-5.760 -4.791 -0.592
T123=10.1 9.3 11.5
ALT/AZ=78.0 144.2
fwAVG=1.09
sdW=13.3
fwW=1.07
sdS=75.2
fwS=1.14
0 0 0 0 0 0 0 0 0

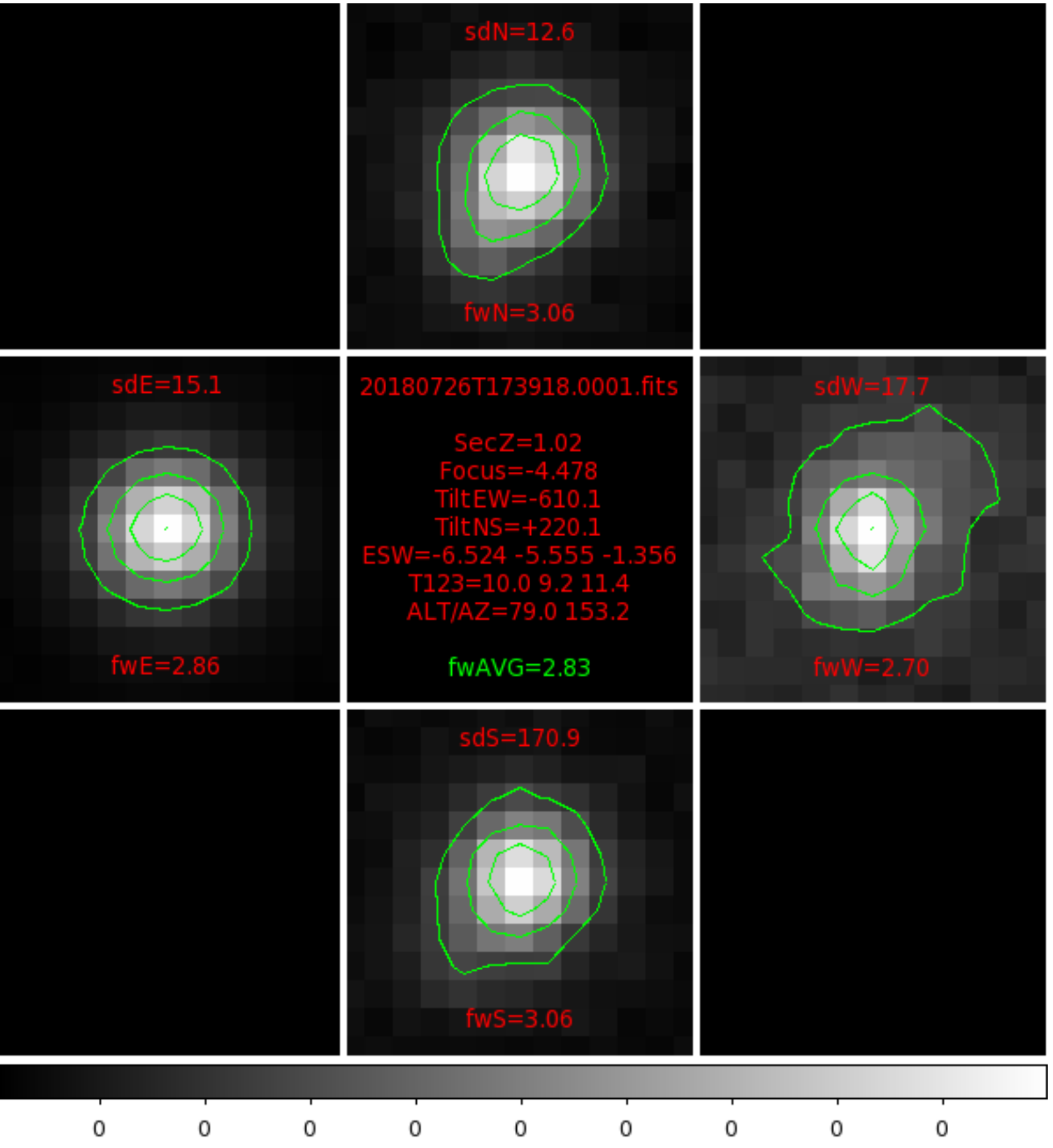

sdN=26.2
fwN=0.00
sdE=26.7
fwE=5.12
20180726T173122.0001.fits
SecZ=1.02
Focus=-3.714
TiltEW=-610.1
TiltNS=+220.1
ESW=-5.760 -4.791 -0.592
T123=10.1 9.4 11.5
ALT/AZ=78.1 145.0
sdW=26.1
fwW=0.00
sdS=267.3
fwS=4.88
0 0 0 0 0 0 0 0 0

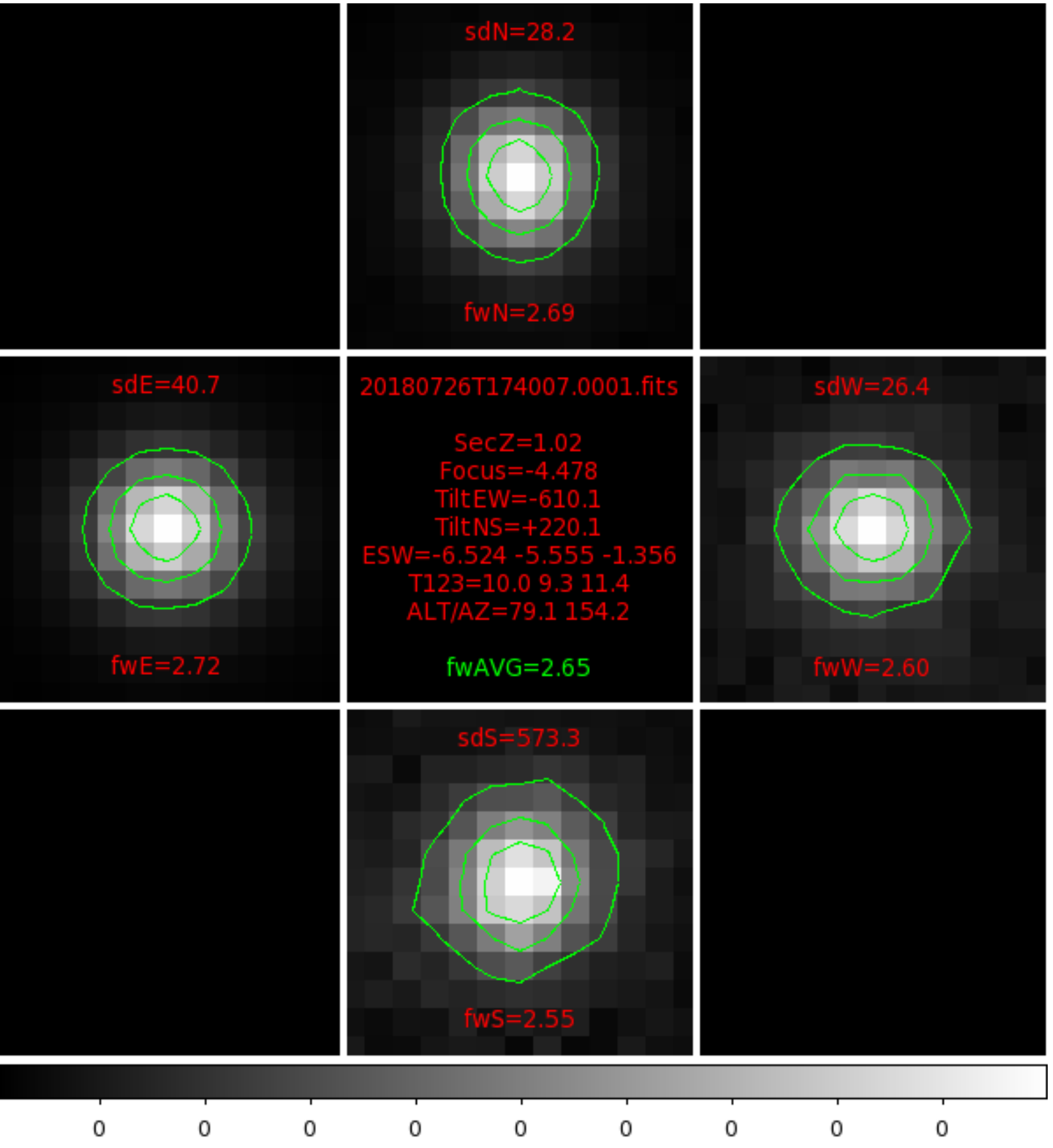

sdN=11.3
fwN=3.11
sdE=18.3
fwE=2.90
20180726T173247.0001.fits
SecZ=1.02
Focus=-4.484
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.530 -5.561 -1.362
T123=10.1 9.4 11.5
ALT/AZ=78.3 146.4
fwAVG=2.98
sdW=14.0
fwW=2.95
sdS=234.0
fwS=2.89
0 0 0 0 0 0 0 0 0

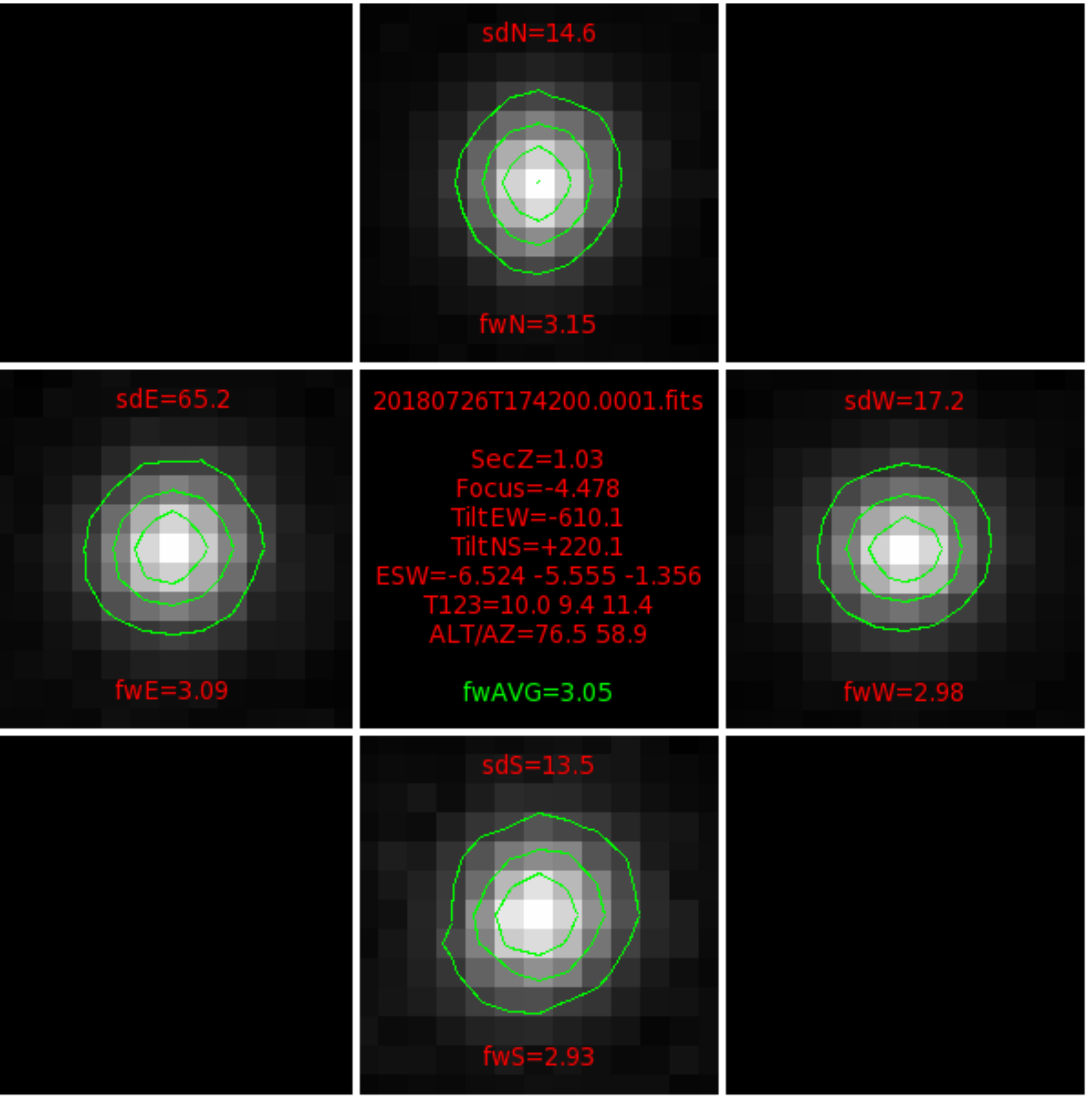

sdN=26.6
fwN=2.85
sdE=51.1
fwE=2.91
20180726T173336.0001.fits
SecZ=1.02
Focus=-4.484
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.530 -5.561 -1.362
T123=10.0 9.4 11.4
ALT/AZ=78.4 147.2
fwAVG=2.90
sdW=37.4
fwW=2.92
sdS=640.1
fwS=3.11
0 0 0 0 0 0 0 0 0

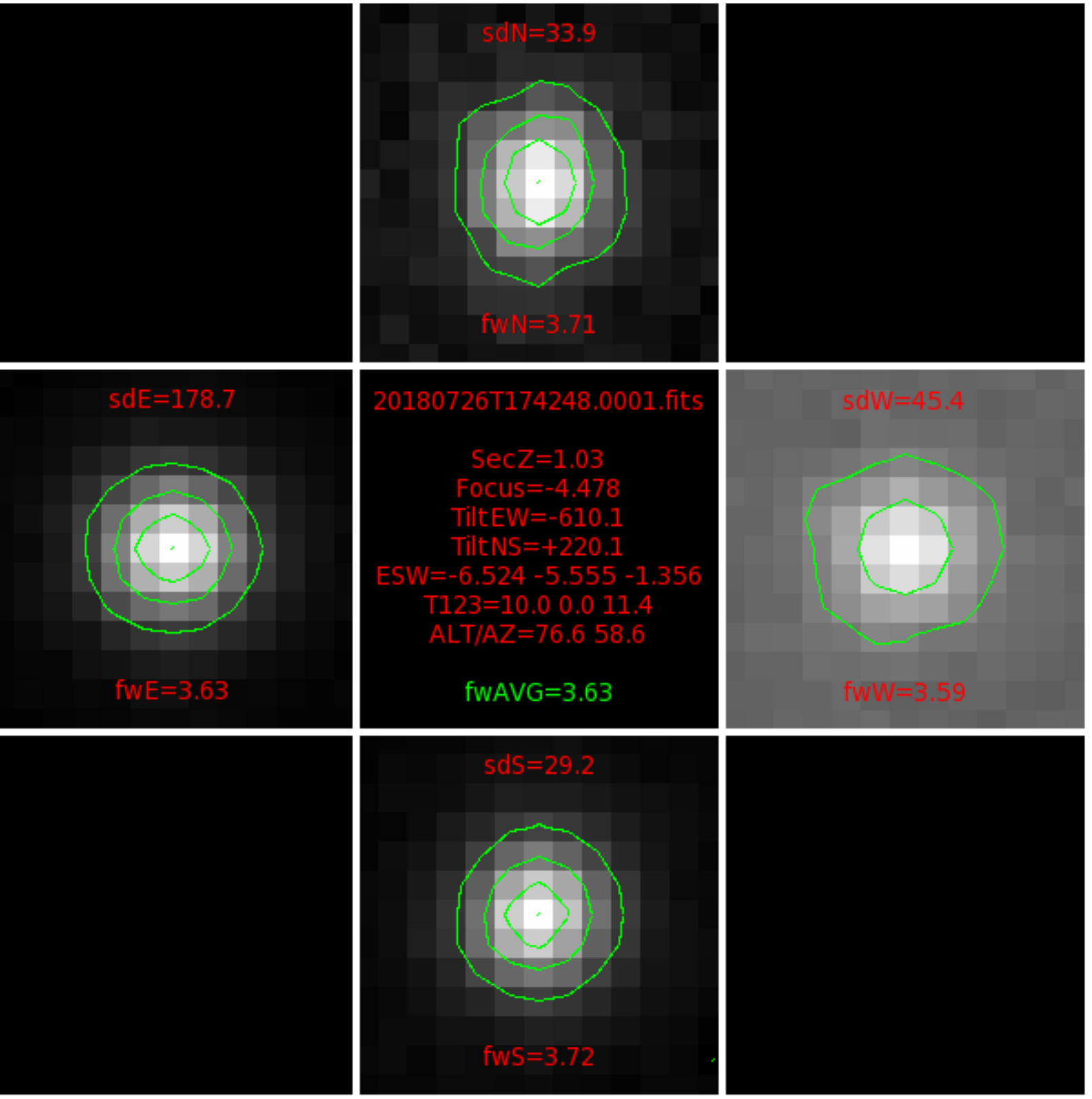

sdN=13.4
fwN=2.74
sdE=29.0
fwE=2.75
20180726T173450.0001.fits
SecZ=1.02
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=10.0 9.4 11.4
ALT/AZ=78.5 148.4
fwAVG=2.74
sdW=39.2
fwW=2.74
sdS=303.5
fwS=2.88
0 0 0 0 0 0 0 0 0

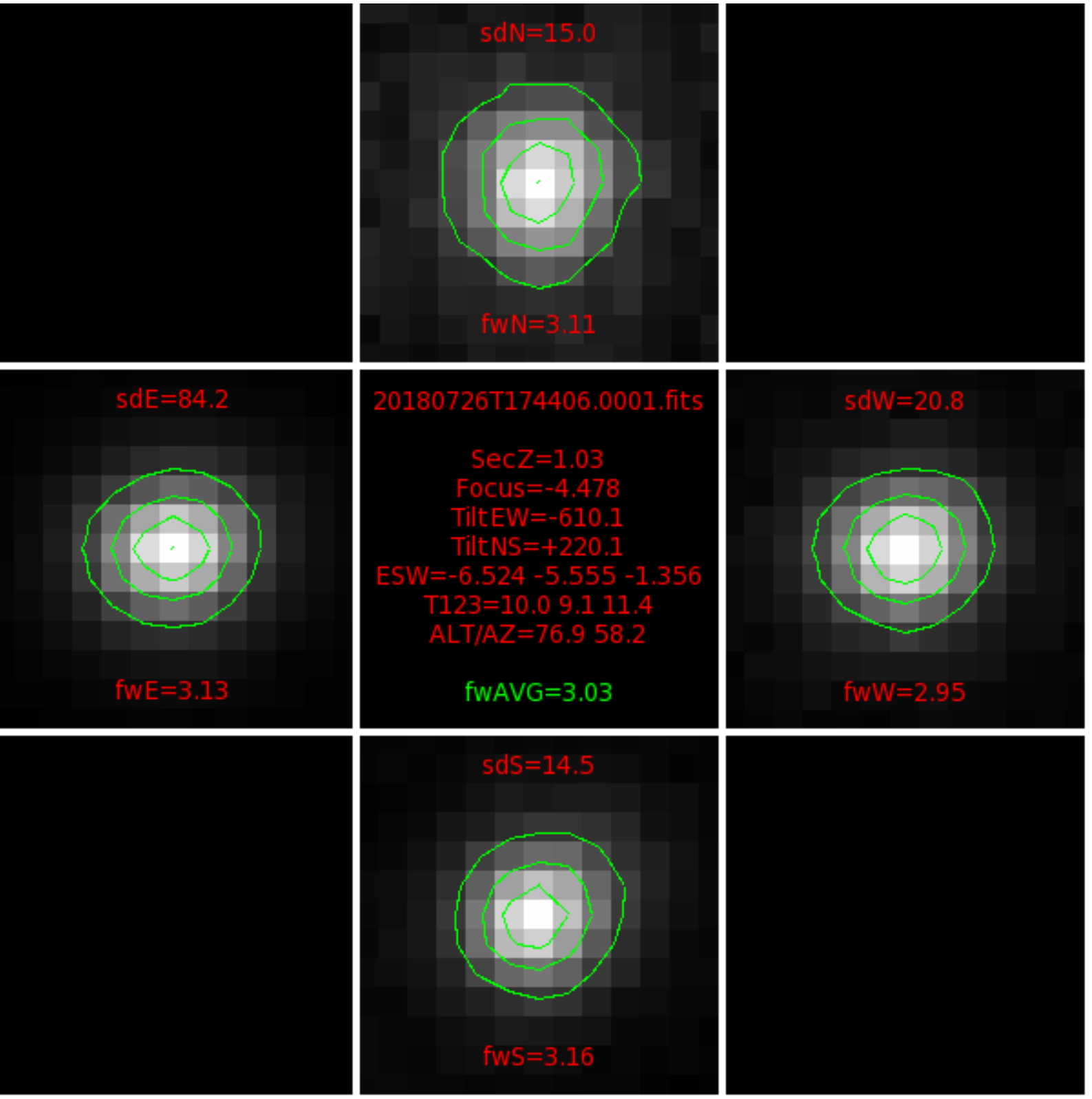

sdN=40.0
fwN=2.54
sdE=105.9
fwE=2.57
20180726T173537.0001.fits
SecZ=1.02
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=10.0 9.4 11.4
ALT/AZ=78.6 149.3
fwAVG=2.53
sdW=196.2
fwW=2.51
sdS=778.2
fwS=2.69
0 0 0 0 0 0 0 0 0

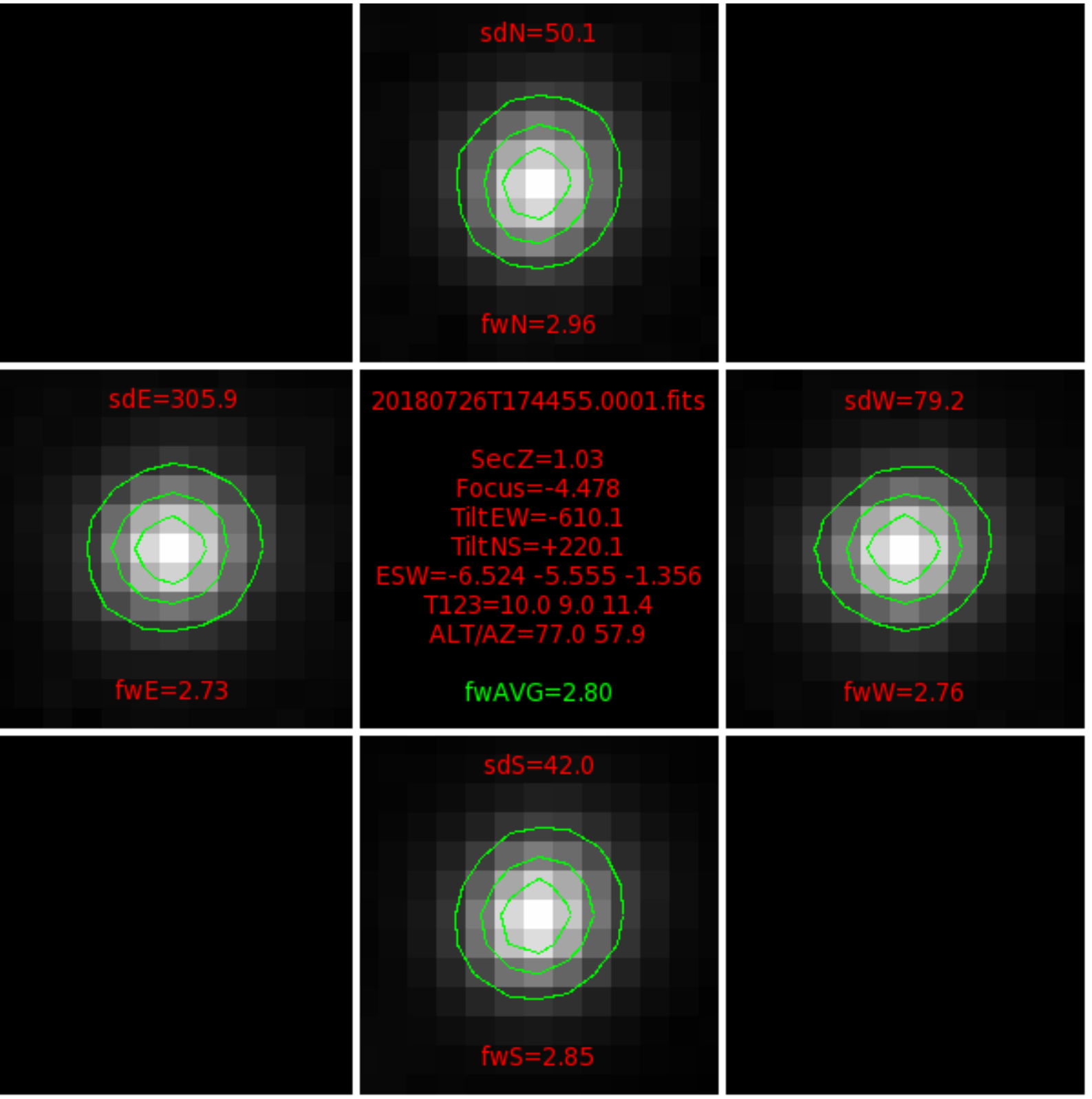

sdN=12.6
fwN=3.06
sdE=15.1
fwE=2.86
20180726T173918.0001.fits
SecZ=1.02
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=10.0 9.2 11.4
ALT/AZ=79.0 153.2
fwAVG=2.83
sdW=17.7
fwW=2.70
sdS=170.9
fwS=3.06
0 0 0 0 0 0 0 0 0

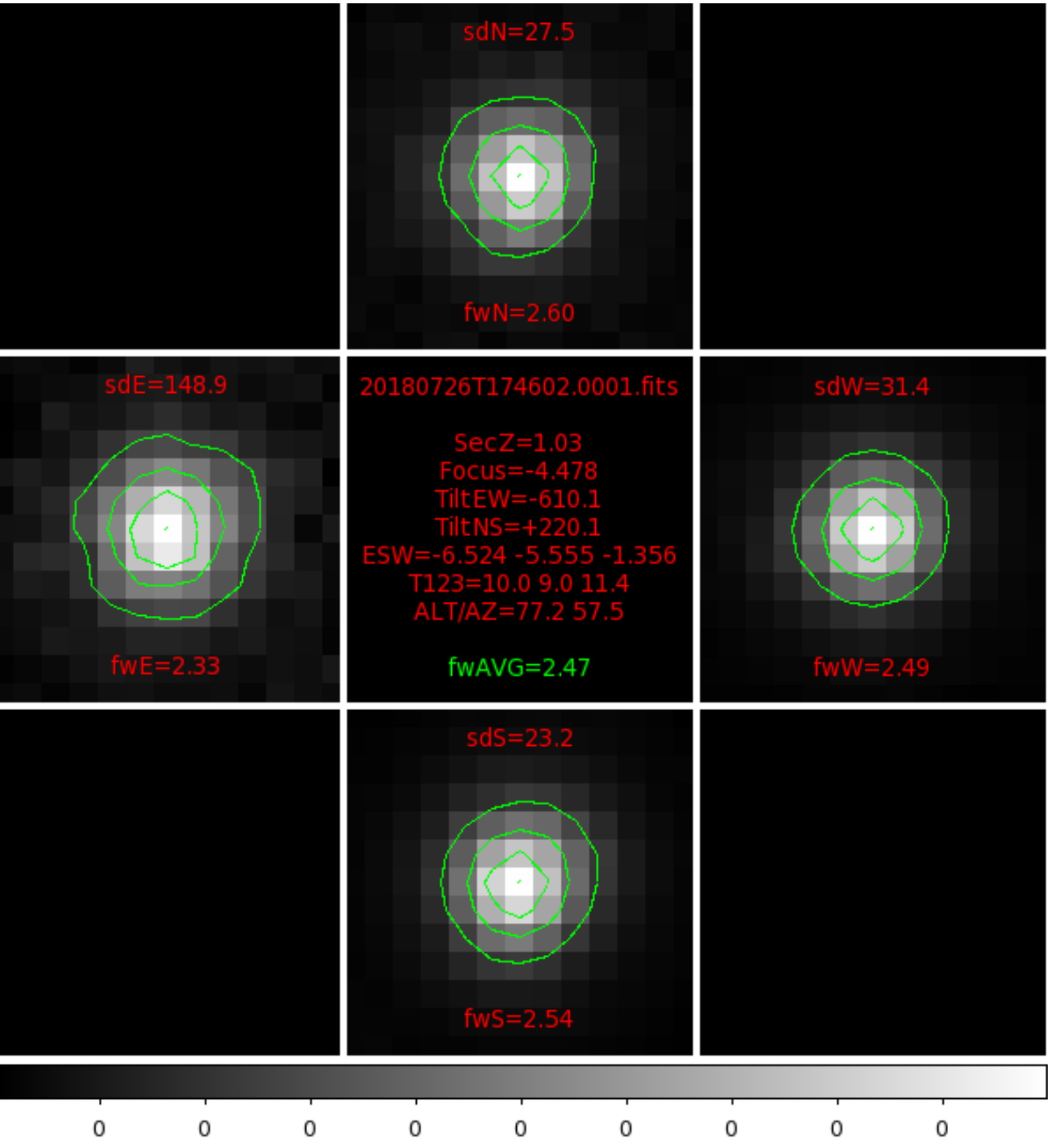

sdN=28.2
fwN=2.69
sdE=40.7
fwE=2.72
20180726T174007.0001.fits
SecZ=1.02
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=10.0 9.3 11.4
ALT/AZ=79.1 154.2
fwAVG=2.65
sdW=26.4
fwW=2.60
sdS=573.3
fwS=2.55
0 0 0 0 0 0 0 0 0

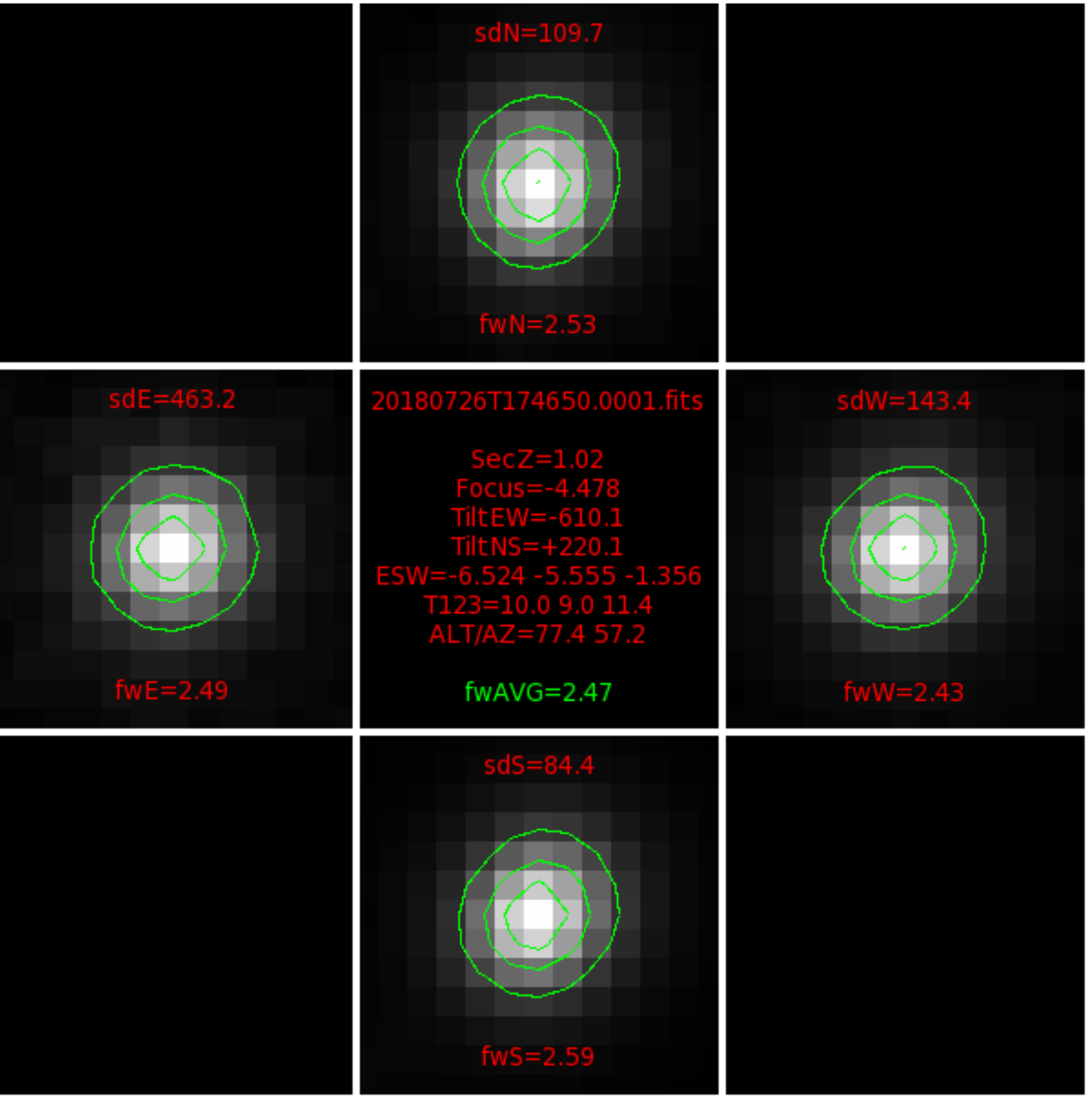

sdN=14.6
fwN=3.15
sdE=65.2
fwE=3.09
20180726T174200.0001.fits
SecZ=1.03
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=10.0 9.4 11.4
ALT/AZ=76.5 58.9
fwAVG=3.05
sdW=17.2
fwW=2.98
sdS=13.5
fwS=2.93
0 0 0 0 0 0 0 0 0

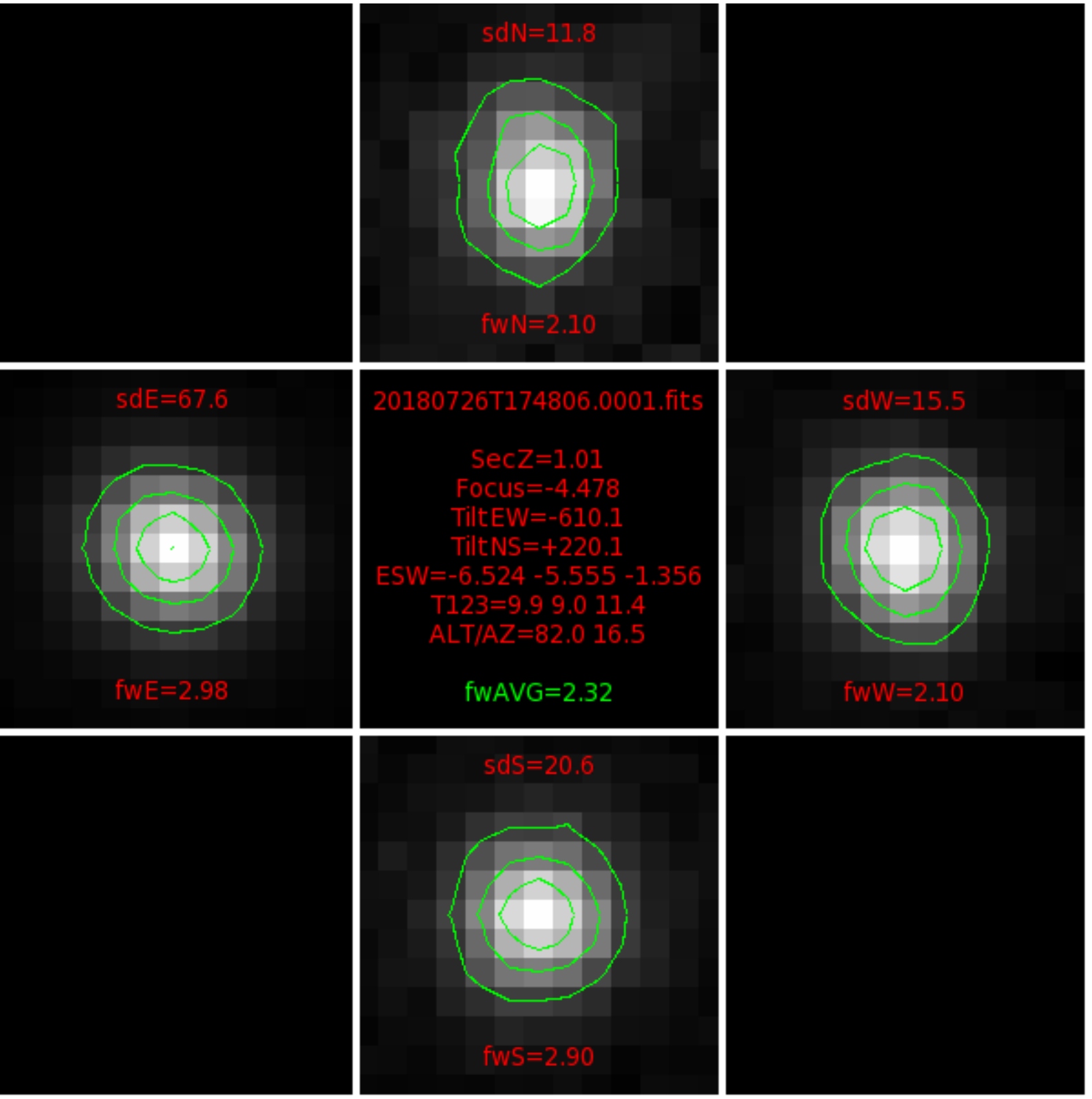

sdN=33.9
fwN=3.71
sdE=178.7
fwE=3.63
20180726T174248.0001.fits
SecZ=1.03
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=10.0 0.0 11.4
ALT/AZ=76.6 58.6
fwAVG=3.63
sdW=45.4
fwW=3.59
sdS=29.2
fwS=3.72
0 0 0 0 0 0 0 0 0

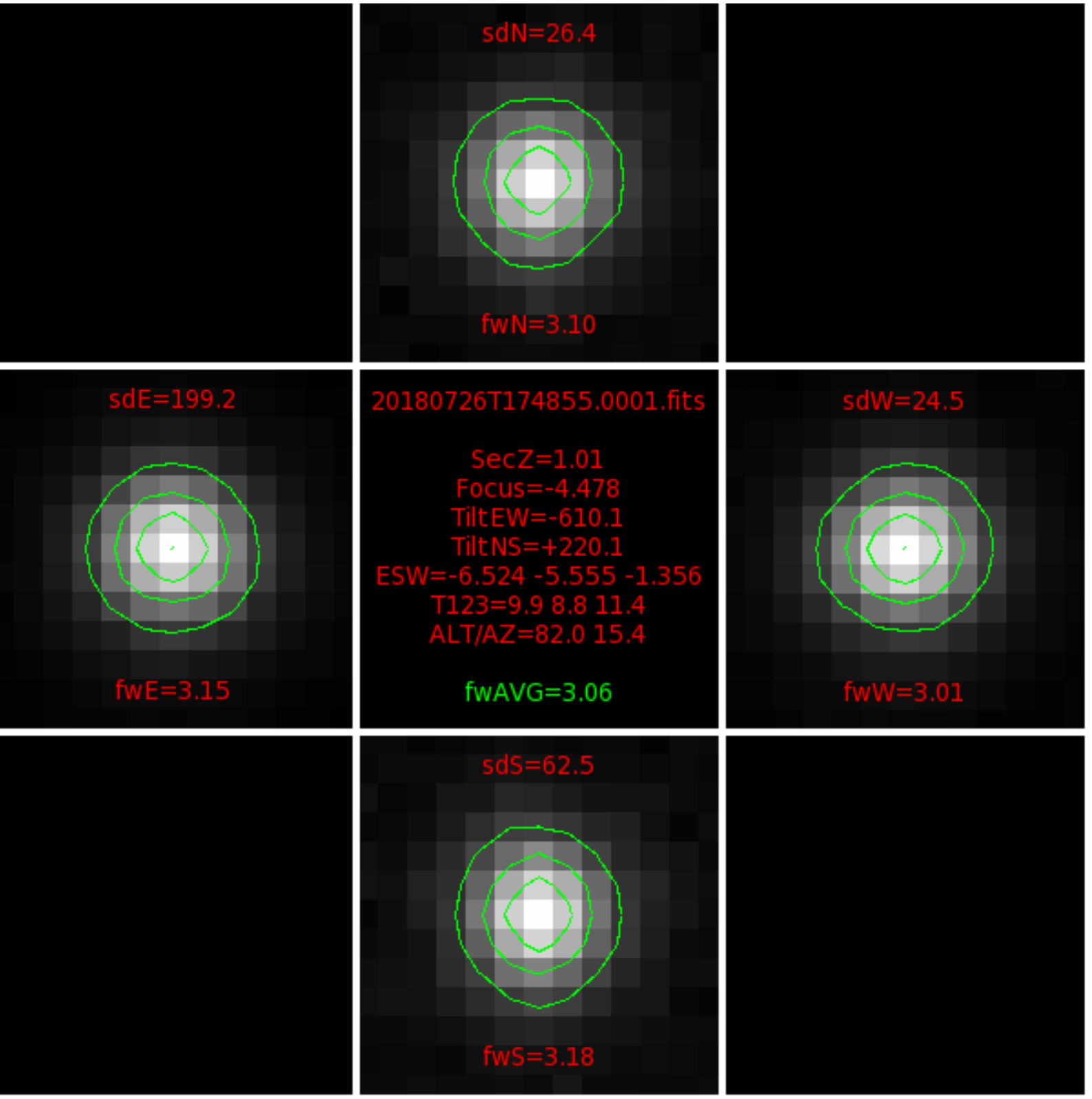

sdN=15.0
fwN=3.11
sdE=84.2
fwE=3.13
20180726T174406.0001.fits
SecZ=1.03
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=10.0 9.1 11.4
ALT/AZ=76.9 58.2
fwAVG=3.03
sdW=20.8
fwW=2.95
sdS=14.5
fwS=3.16
0 0 0 0 0 0 0 0 0

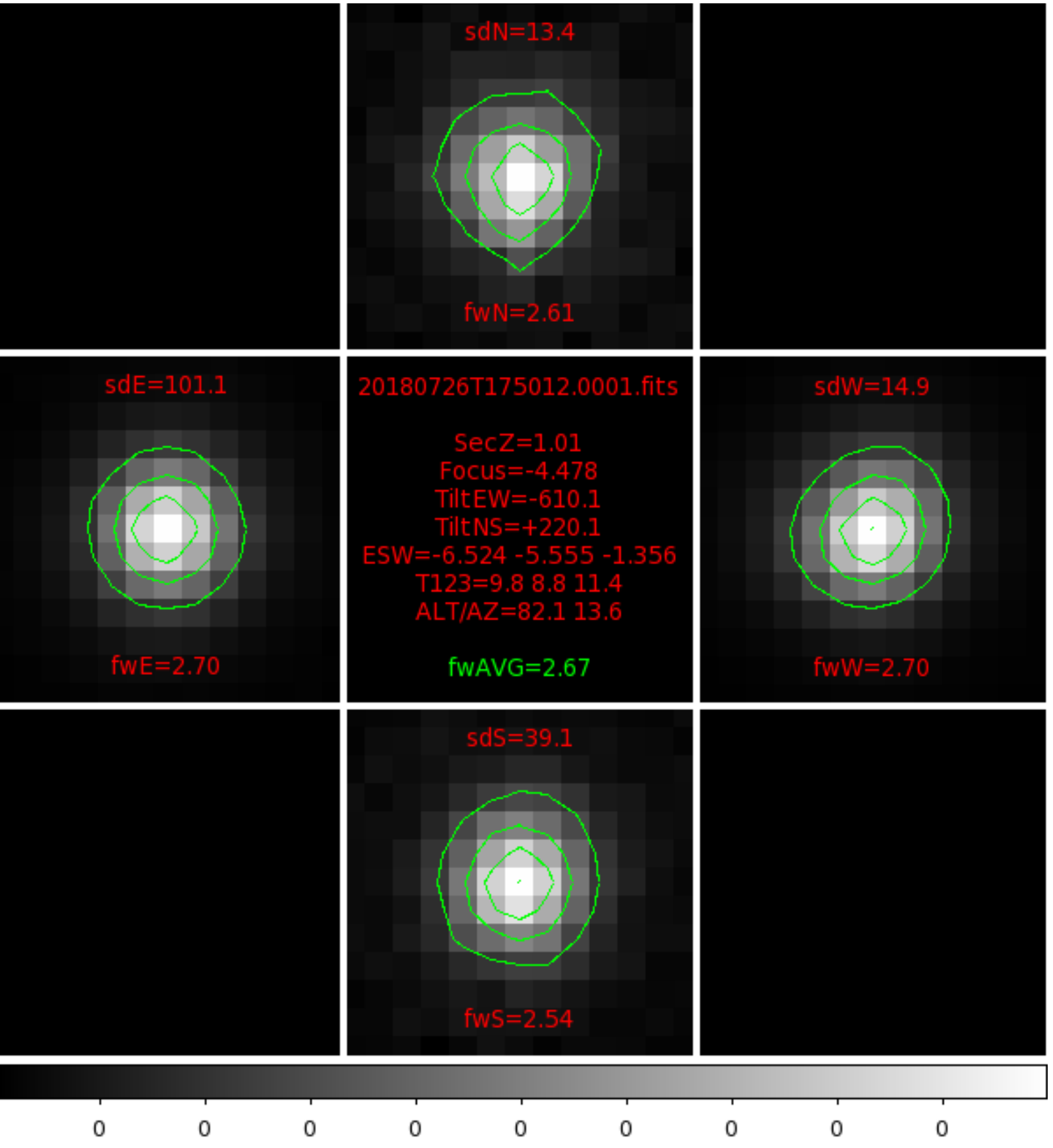

sdN=50.1
fwN=2.96
sdE=305.9
fwE=2.73
20180726T174455.0001.fits
SecZ=1.03
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=10.0 9.0 11.4
ALT/AZ=77.0 57.9
fwAVG=2.80
sdW=79.2
fwW=2.76
sdS=42.0
fwS=2.85
0 0 0 0 0 0 0 0 0

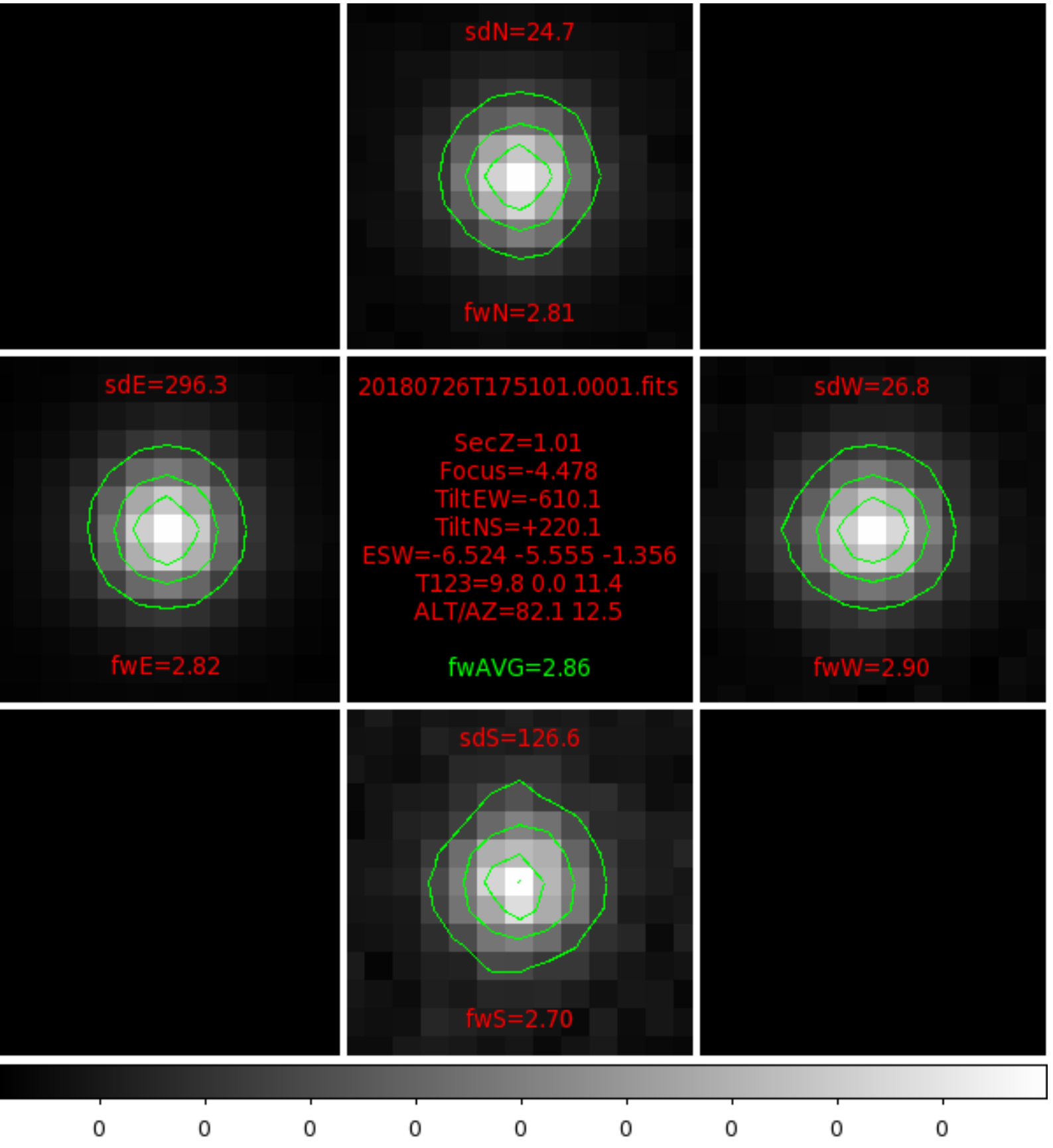

sdN=27.5
fwN=2.60
sdE=148.9
fwE=2.33
20180726T174602.0001.fits
SecZ=1.03
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=10.0 9.0 11.4
ALT/AZ=77.2 57.5
fwAVG=2.47
sdW=31.4
fwW=2.49
sdS=23.2
fwS=2.54
0 0 0 0 0 0 0 0 0

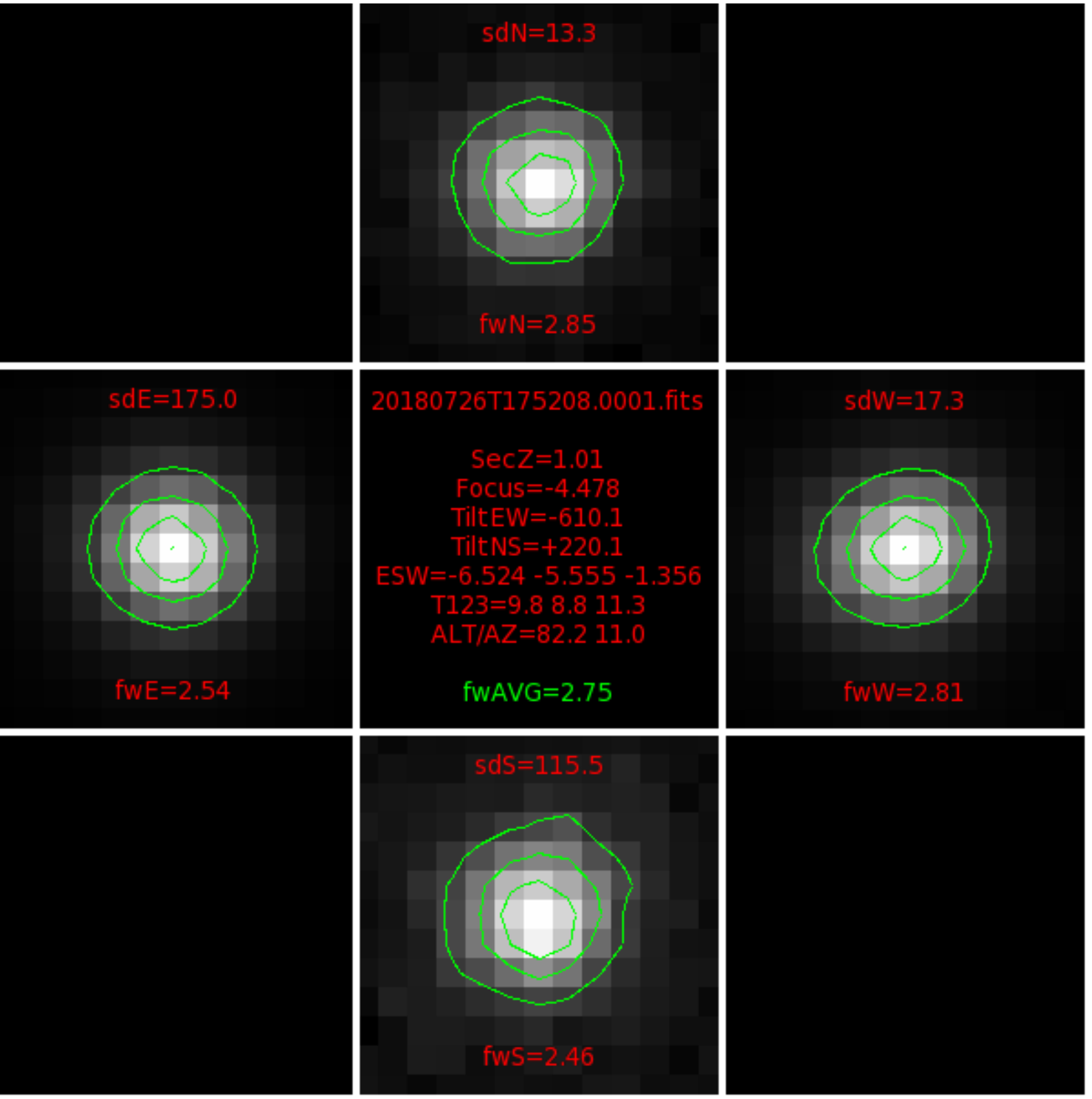

sdN=109.7
fwN=2.53
sdE=463.2
fwE=2.49
20180726T174650.0001.fits
SecZ=1.02
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=10.0 9.0 11.4
ALT/AZ=77.4 57.2
fwAVG=2.47
sdW=143.4
fwW=2.43
sdS=84.4
fwS=2.59
0 0 0 0 0 0 0 0 0

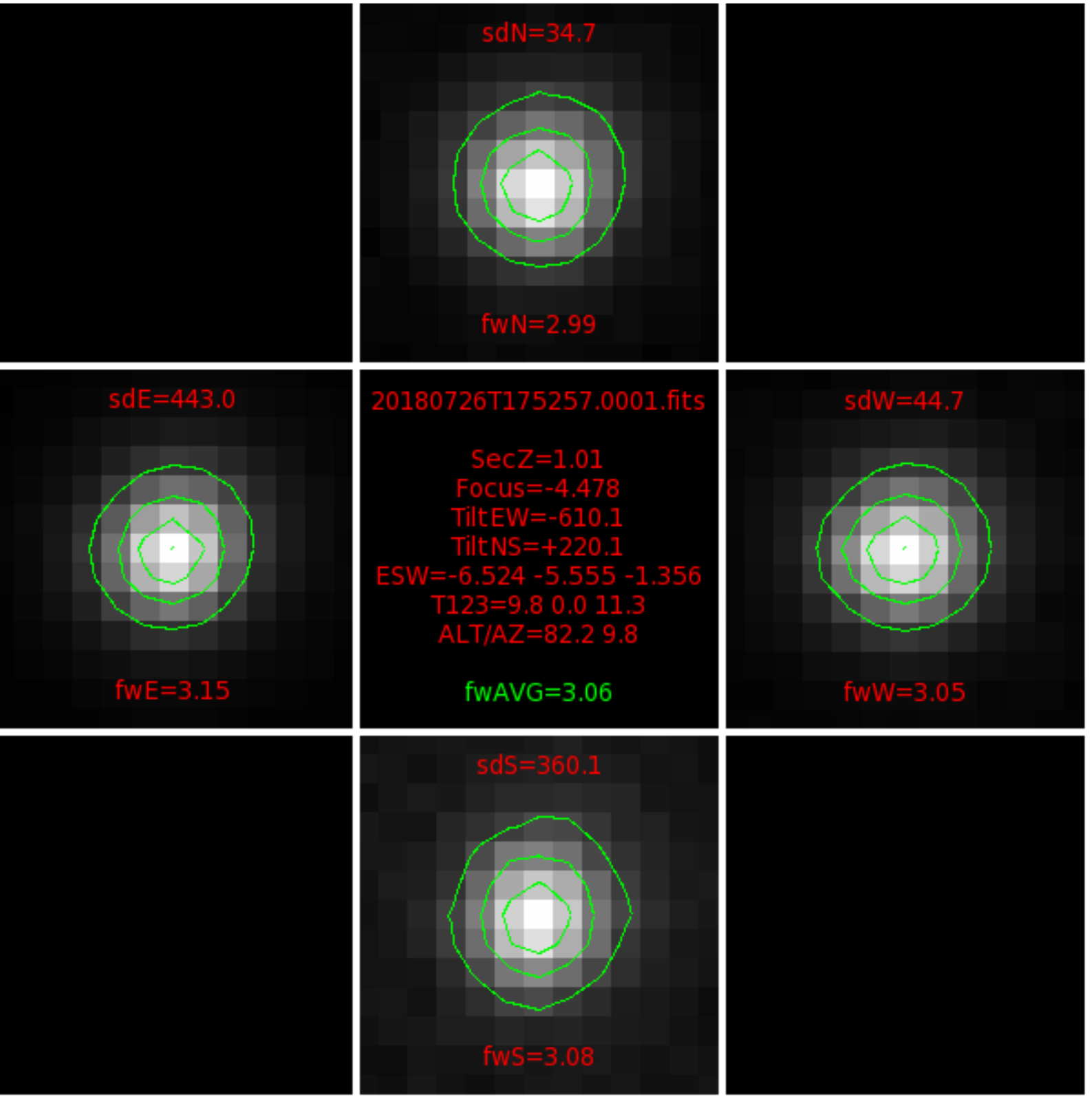

sdN=11.8
fwN=2.10
sdE=67.6
fwE=2.98
20180726T174806.0001.fits
SecZ=1.01
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=9.9 9.0 11.4
ALT/AZ=82.0 16.5
fwAVG=2.32
sdW=15.5
fwW=2.10
sdS=20.6
fwS=2.90
0 0 0 0 0 0 0 0 0

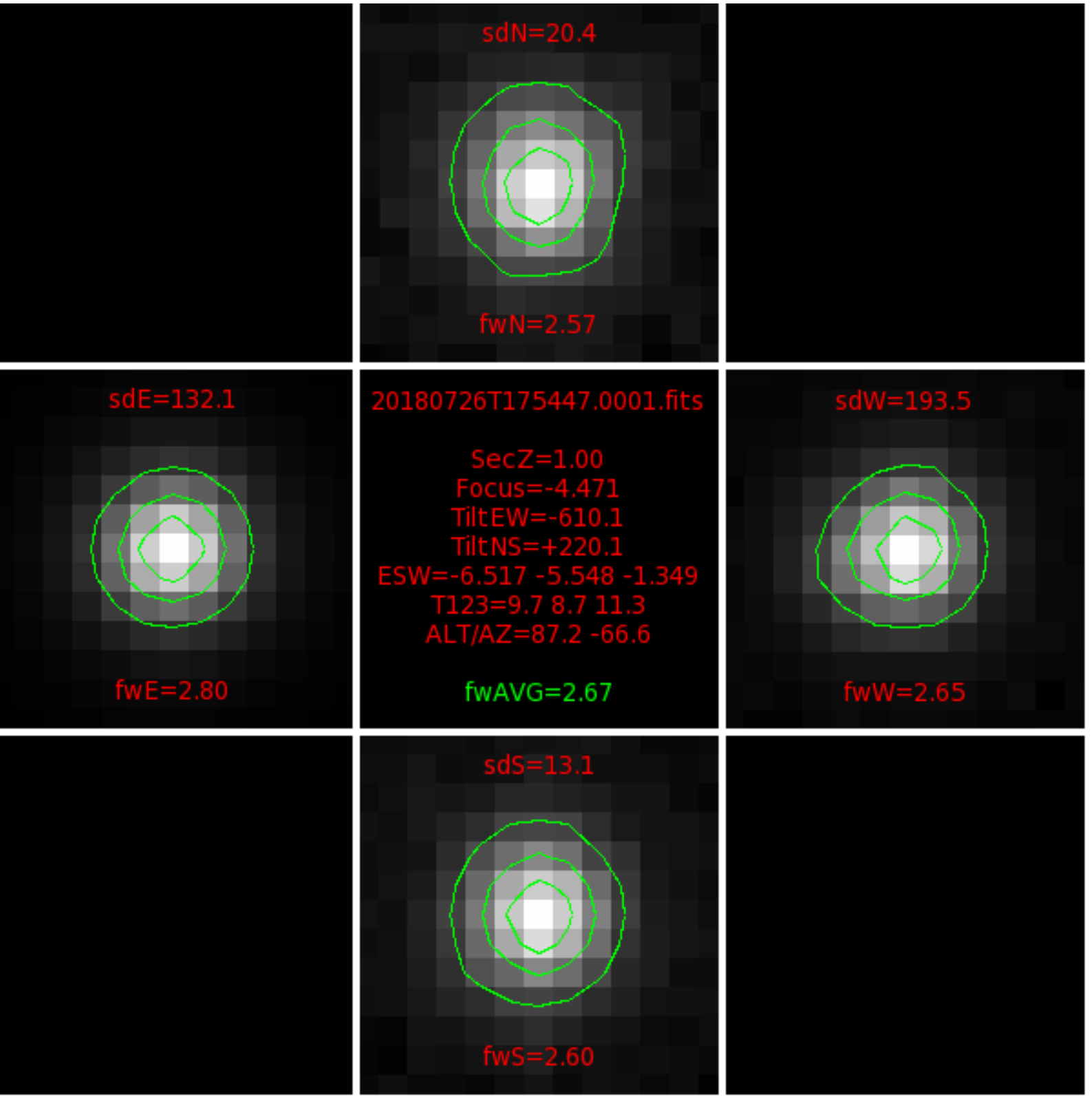

sdN=26.4
fwN=3.10
sdE=199.2
fwE=3.15
20180726T174855.0001.fits
SecZ=1.01
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=9.9 8.8 11.4
ALT/AZ=82.0 15.4
fwAVG=3.06
sdW=24.5
fwW=3.01
sdS=62.5
fwS=3.18
0 0 0 0 0 0 0 0 0

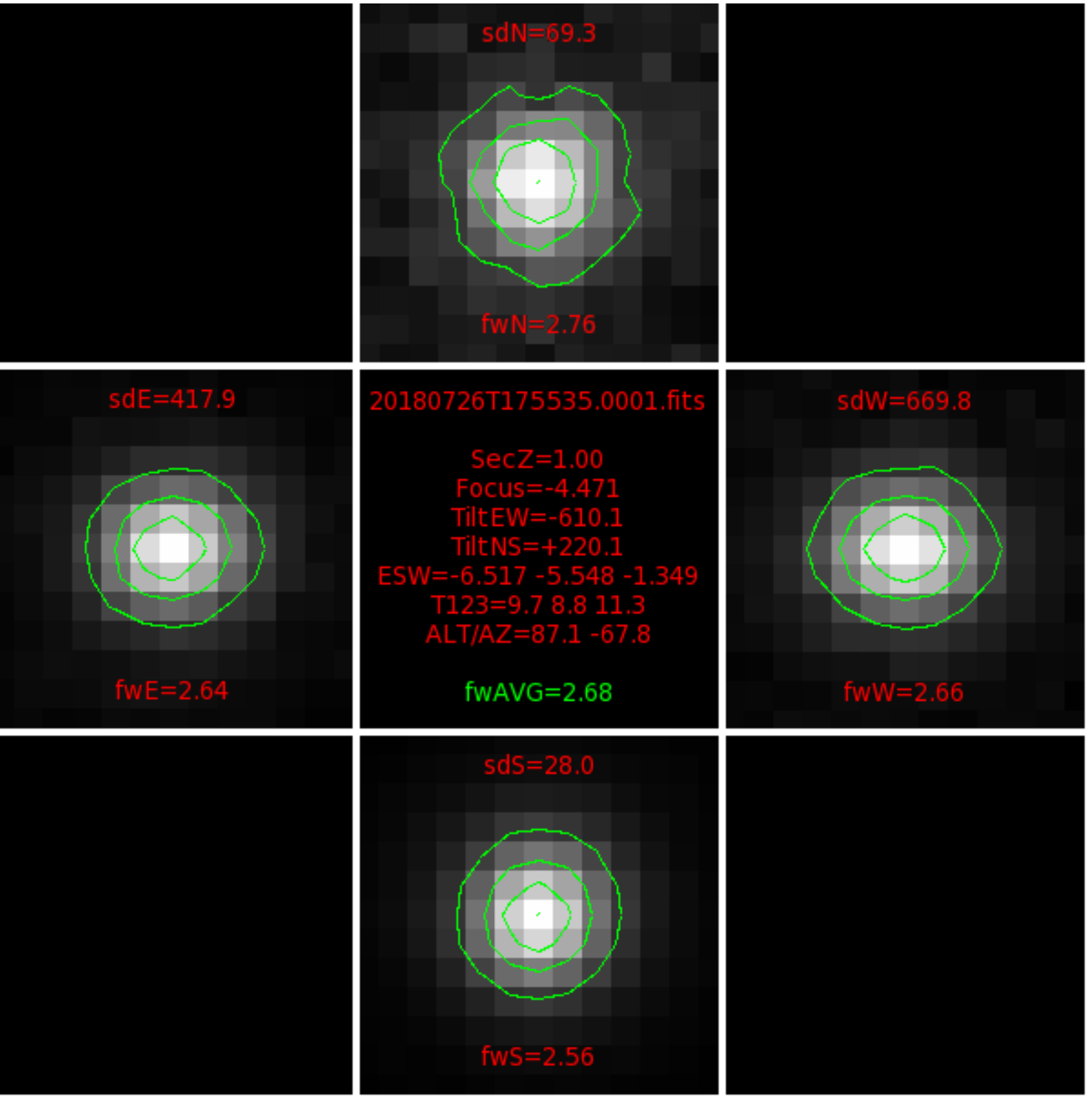

sdN=13.4
fwN=2.61
sdE=101.1
fwE=2.70
20180726T175012.0001.fits
SecZ=1.01
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=9.8 8.8 11.4
ALT/AZ=82.1 13.6
fwAVG=2.67
sdW=14.9
fwW=2.70
sdS=39.1
fwS=2.54
0 0 0 0 0 0 0 0 0

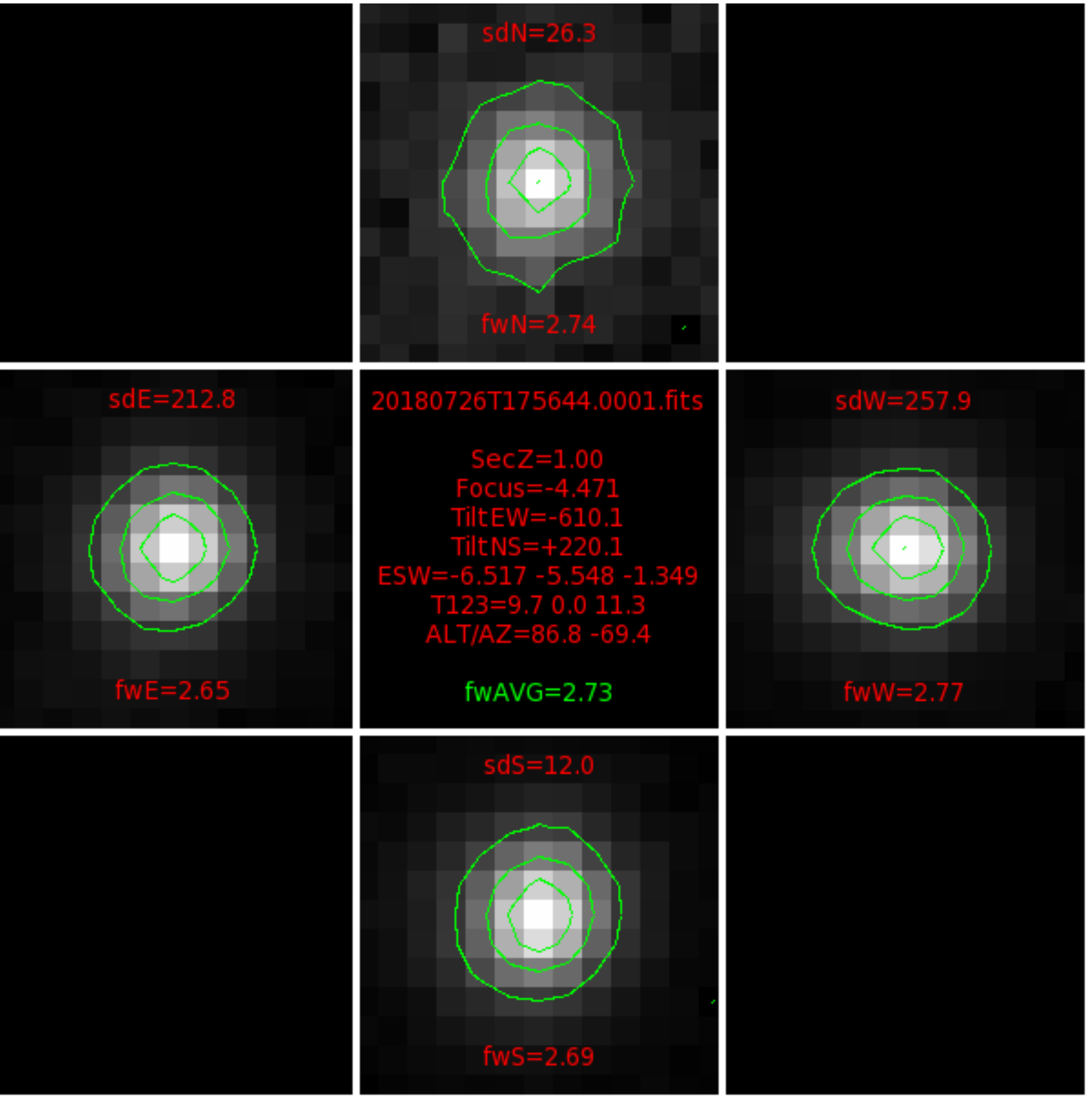

sdN=24.7
fwN=2.81
sdE=296.3
fwE=2.82
20180726T175101.0001.fits
SecZ=1.01
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=9.8 0.0 11.4
ALT/AZ=82.1 12.5
fwAVG=2.86
sdW=26.8
fwW=2.90
sdS=126.6
fwS=2.70
0 0 0 0 0 0 0 0 0

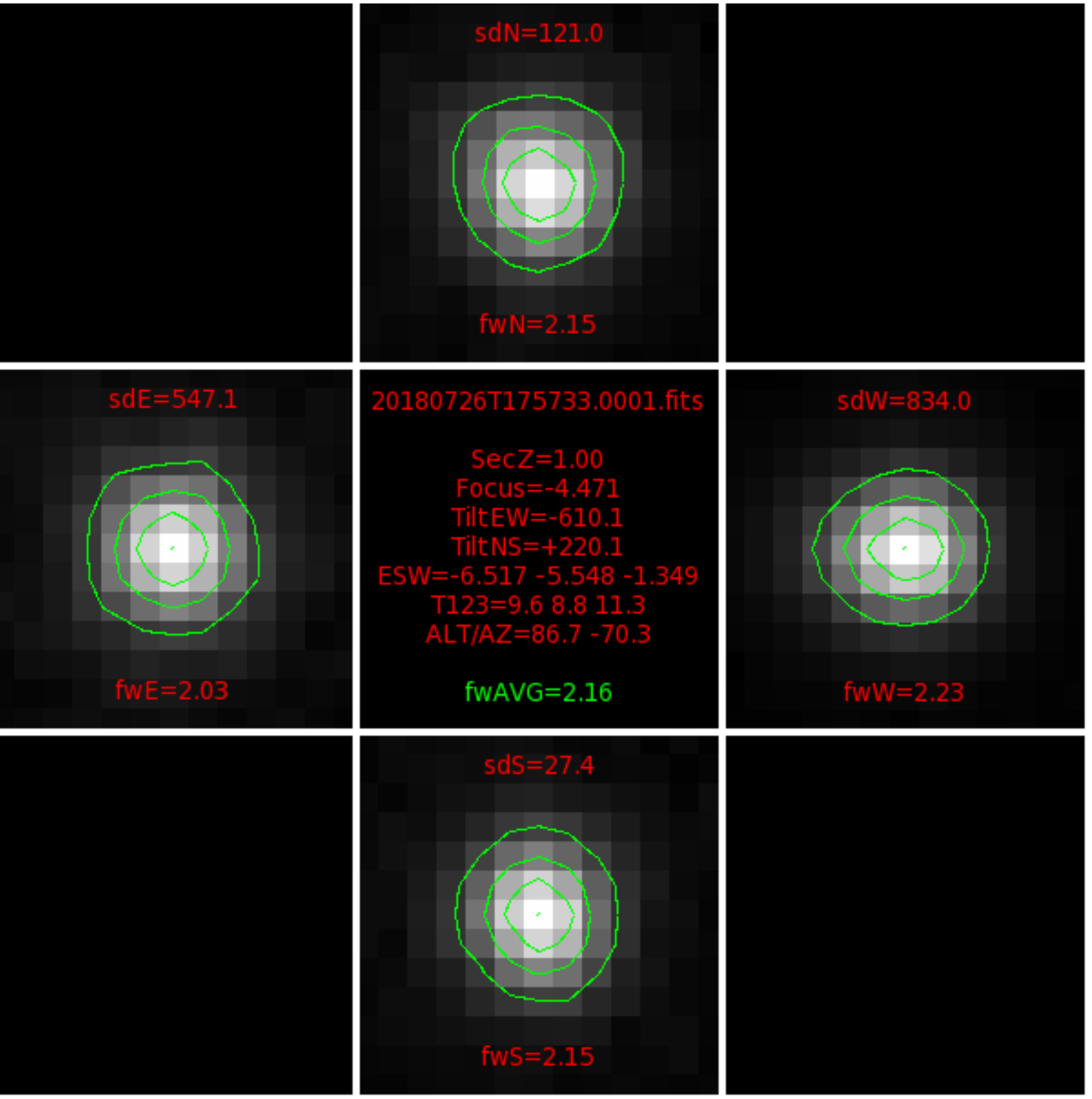

sdN=13.3
fwN=2.85
sdE=175.0
fwE=2.54
20180726T175208.0001.fits
SecZ=1.01
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=9.8 8.8 11.3
ALT/AZ=82.2 11.0
fwAVG=2.75
sdW=17.3
fwW=2.81
sdS=115.5
fwS=2.46
0 0 0 0 0 0 0 0 0

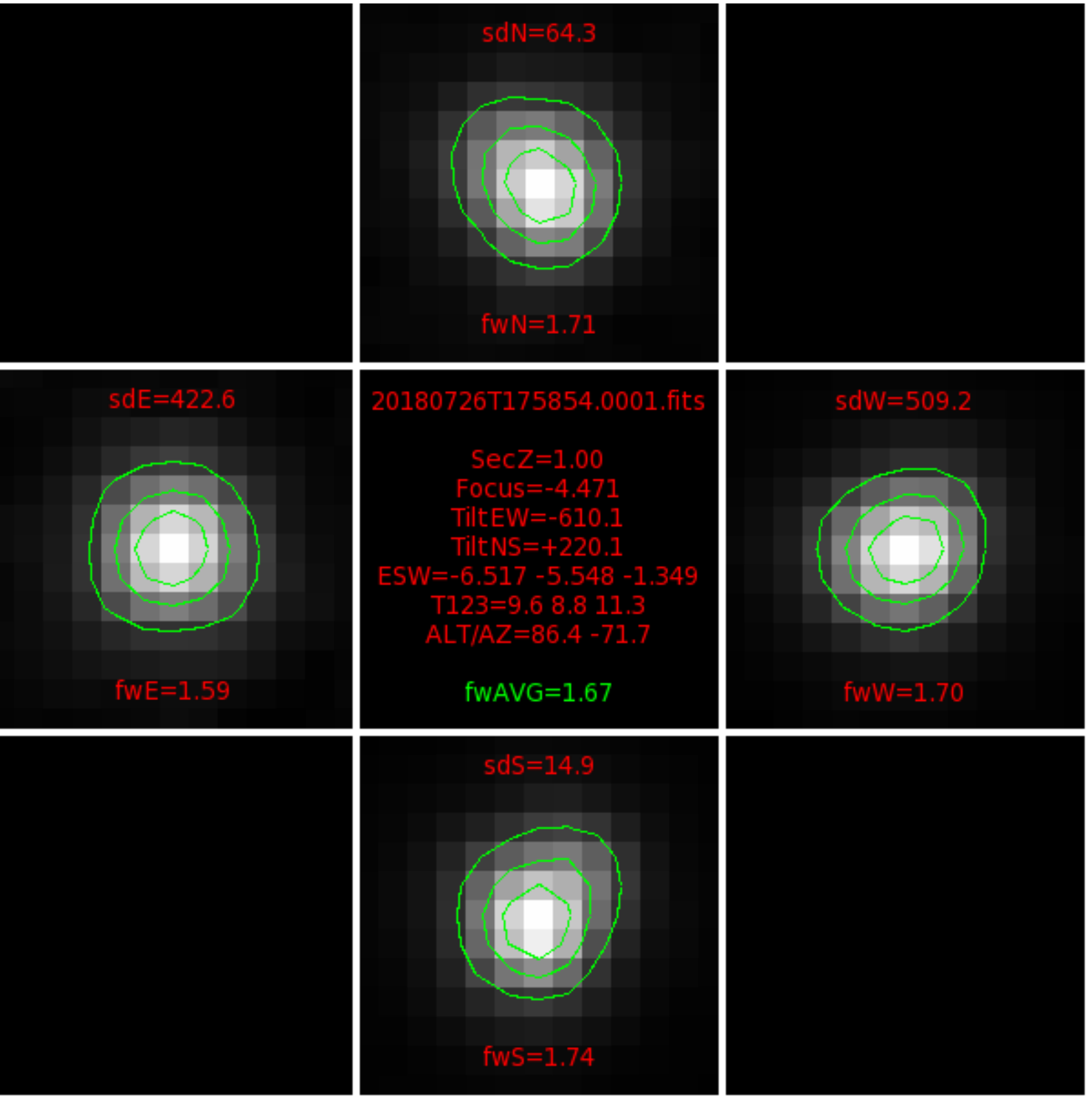

sdN=34.7
fwN=2.99
sdE=443.0
fwE=3.15
20180726T175257.0001.fits
SecZ=1.01
Focus=-4.478
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.524 -5.555 -1.356
T123=9.8 0.0 11.3
ALT/AZ=82.2 9.8
fwAVG=3.06
sdW=44.7
fwW=3.05
sdS=360.1
fwS=3.08
0 0 0 0 0 0 0 0 0

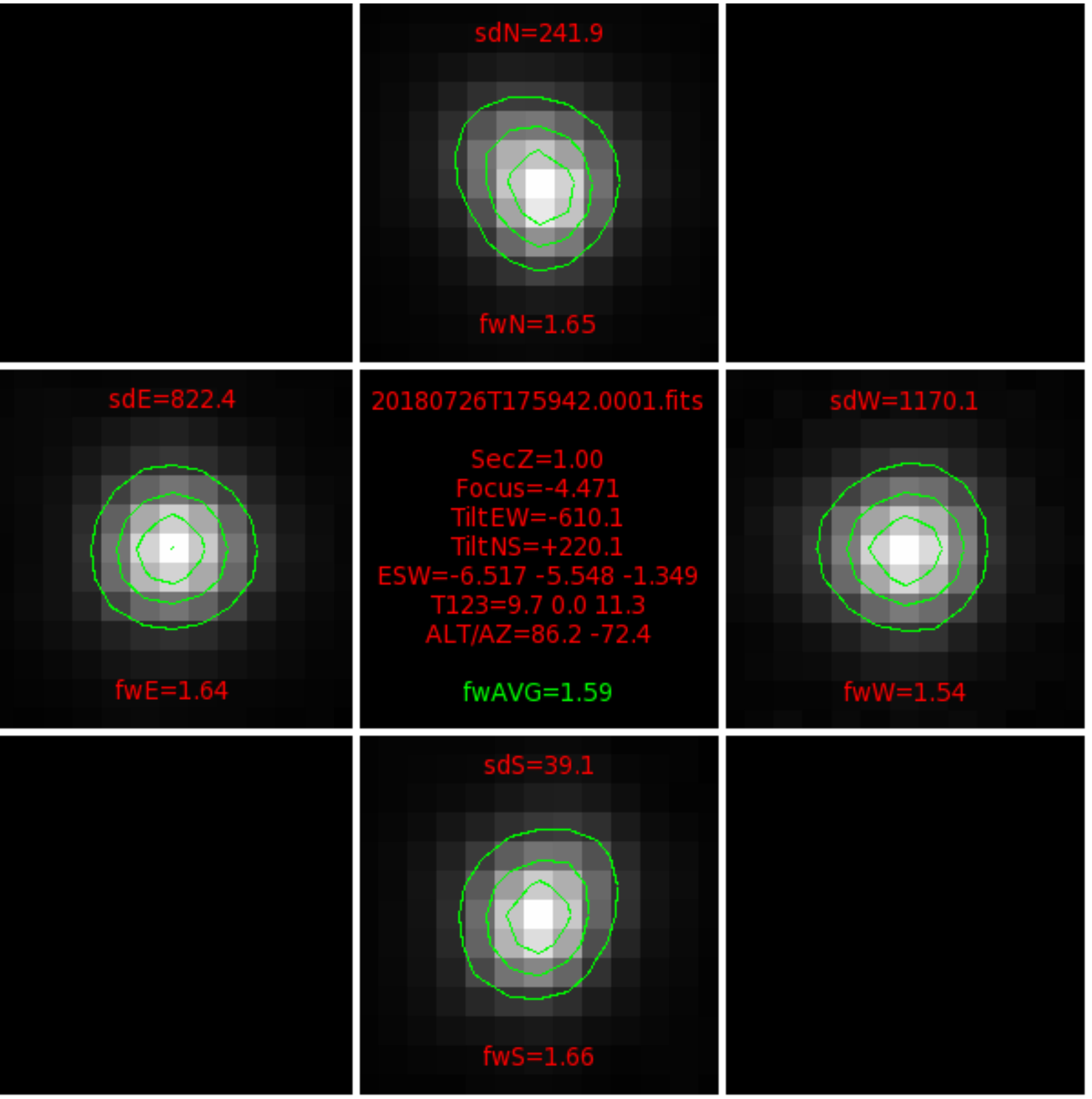

sdN=20.4
fwN=2.57
sdE=132.1
fwE=2.80
20180726T175447.0001.fits
SecZ=1.00
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 8.7 11.3
ALT/AZ=87.2 -66.6
fwAVG=2.67
sdW=193.5
fwW=2.65
sdS=13.1
fwS=2.60
0 0 0 0 0 0 0 0 0

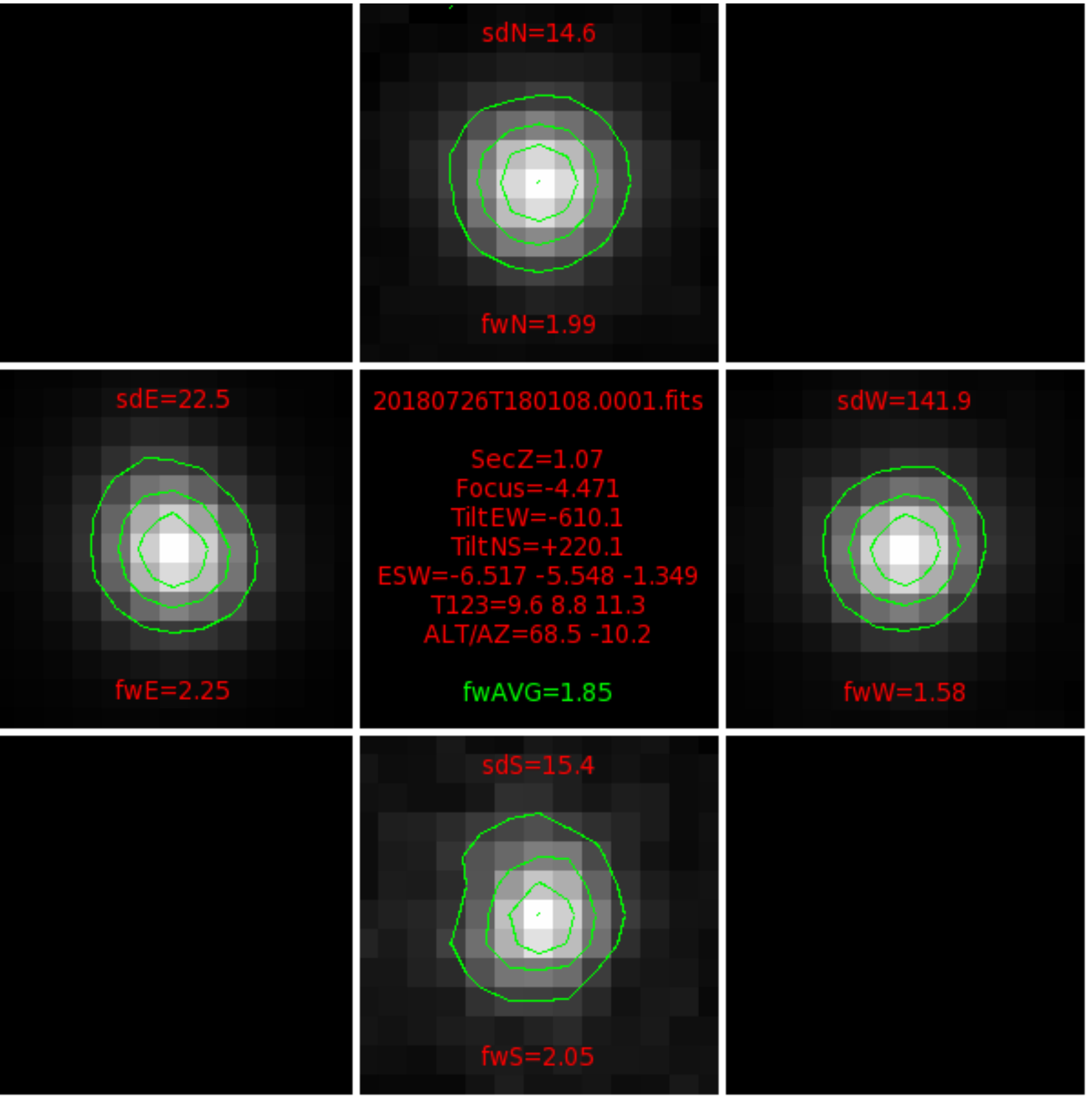

sdN=69.3
fwN=2.76
sdE=417.9
fwE=2.64
20180726T175535.0001.fits
SecZ=1.00
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 8.8 11.3
ALT/AZ=87.1 -67.8
fwAVG=2.68
sdW=669.8
fwW=2.66
sdS=28.0
fwS=2.56
0 0 0 0 0 0 0 0 0

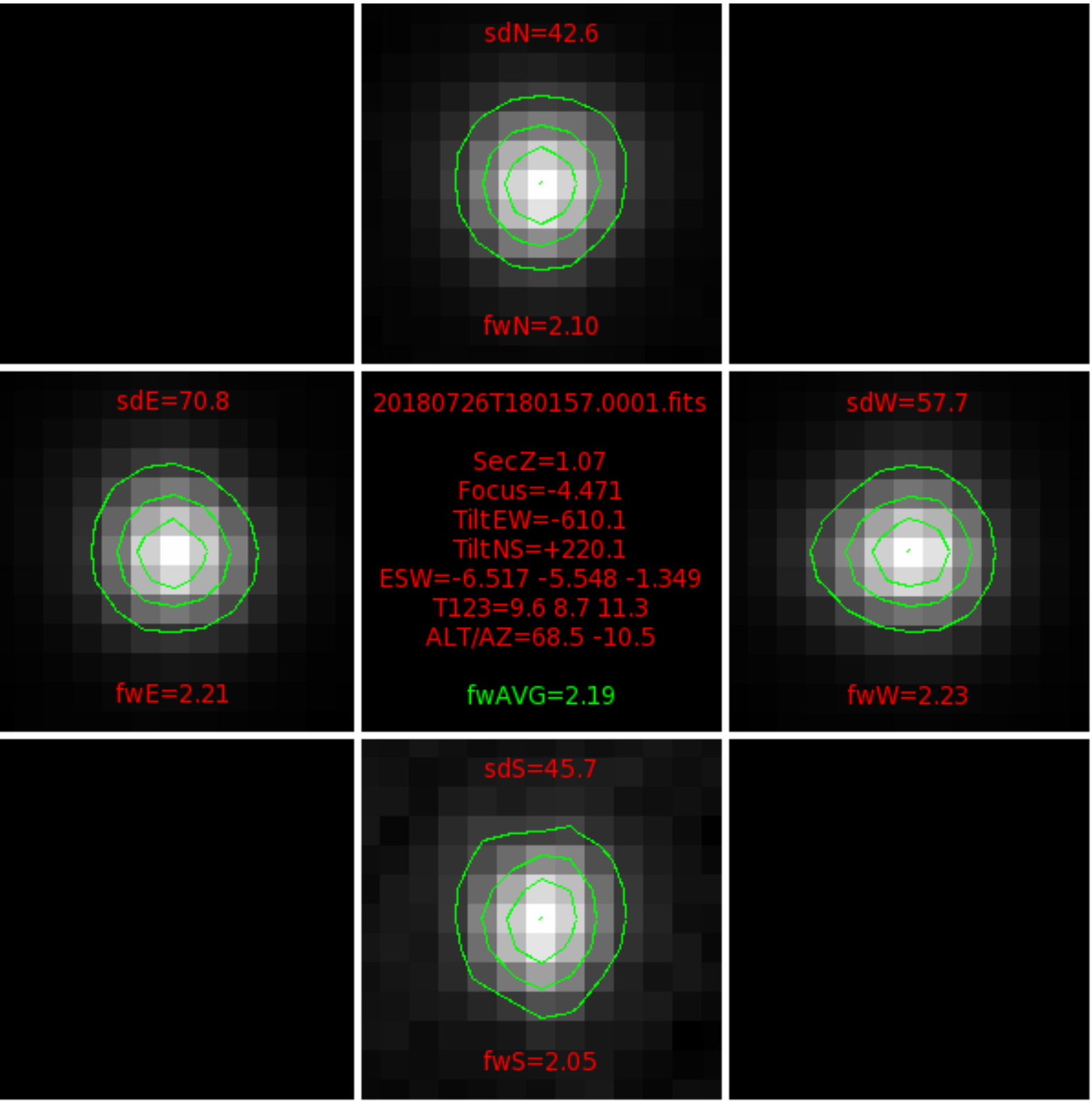

sdN=26.3
fwN=2.74
sdE=212.8
fwE=2.65
20180726T175644.0001.fits
SecZ=1.00
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 0.0 11.3
ALT/AZ=86.8 -69.4
fwAVG=2.73
sdW=257.9
fwW=2.77
sdS=12.0
fwS=2.69
0 0 0 0 0 0 0 0 0

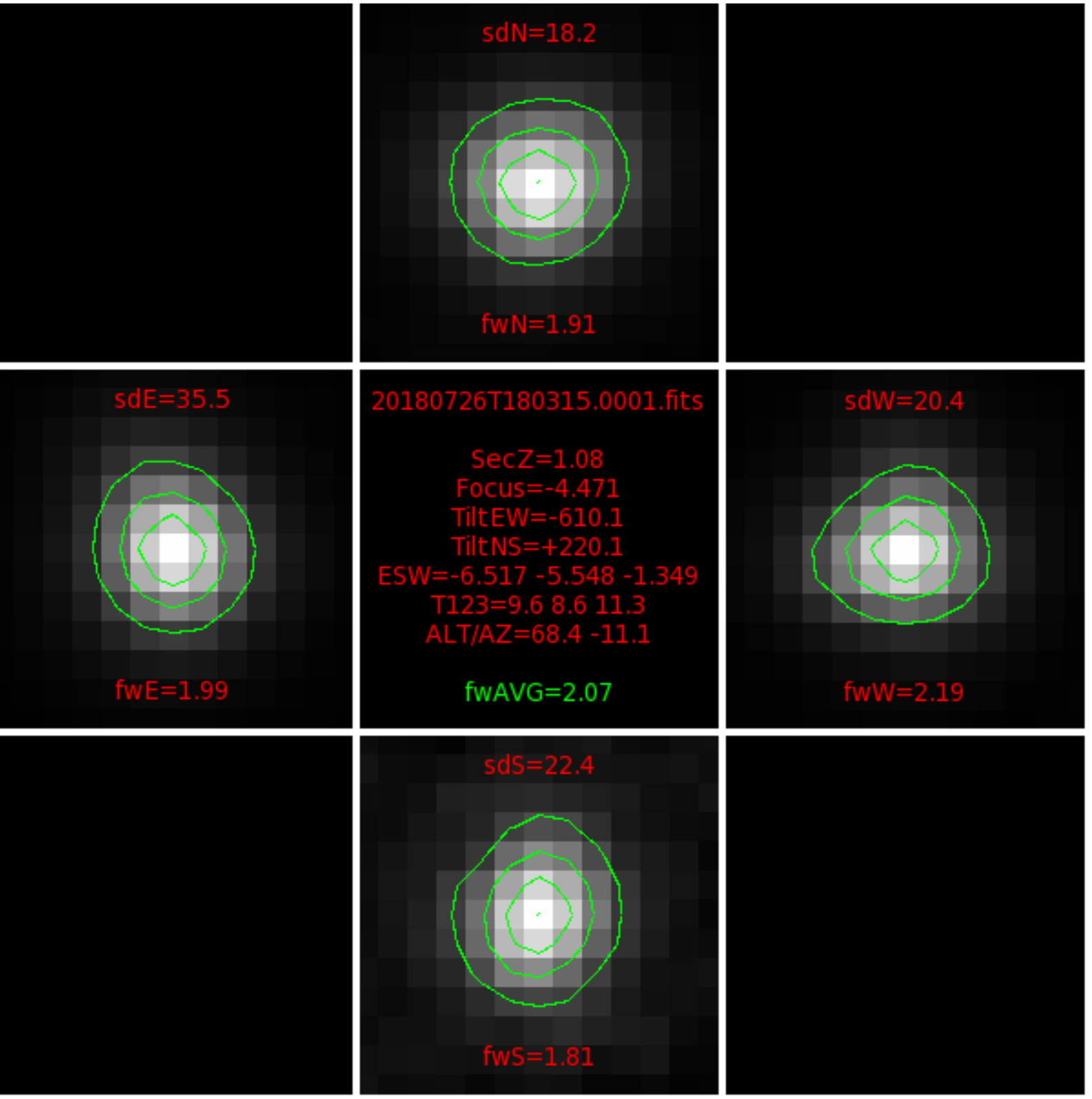

sdN=121.0
fwN=2.15
sdE=547.1
fwE=2.03
20180726T175733.0001.fits
SecZ=1.00
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 8.8 11.3
ALT/AZ=86.7 -70.3
fwAVG=2.16
sdW=834.0
fwW=2.23
sdS=27.4
fwS=2.15
0 0 0 0 0 0 0 0 0

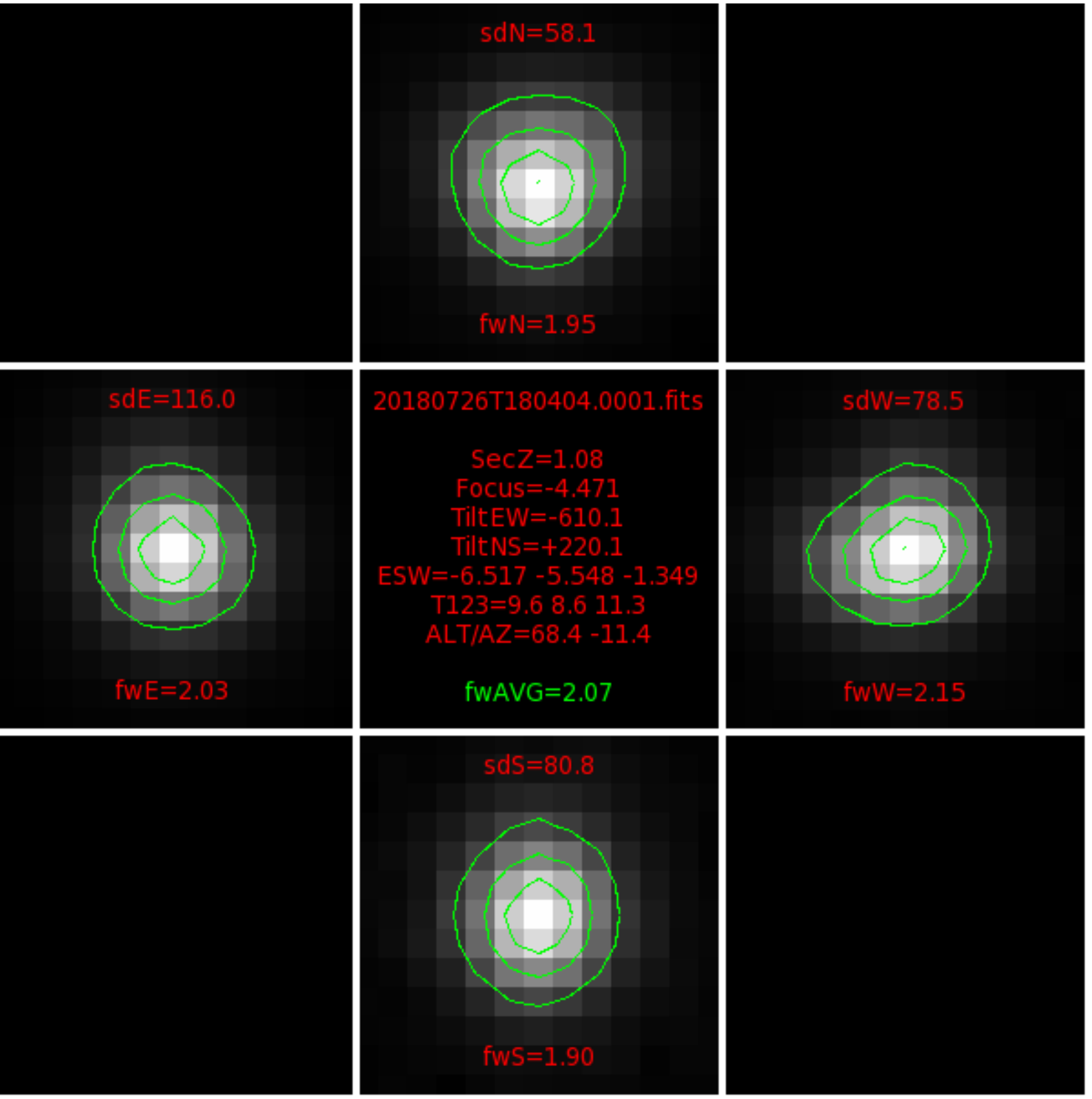

sdN=64.3
fwN=1.71
sdE=422.6
fwE=1.59
20180726T175854.0001.fits
SecZ=1.00
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 8.8 11.3
ALT/AZ=86.4 -71.7
fwAVG=1.67
sdW=509.2
fwW=1.70
sdS=14.9
fwS=1.74
0 0 0 0 0 0 0 0 0

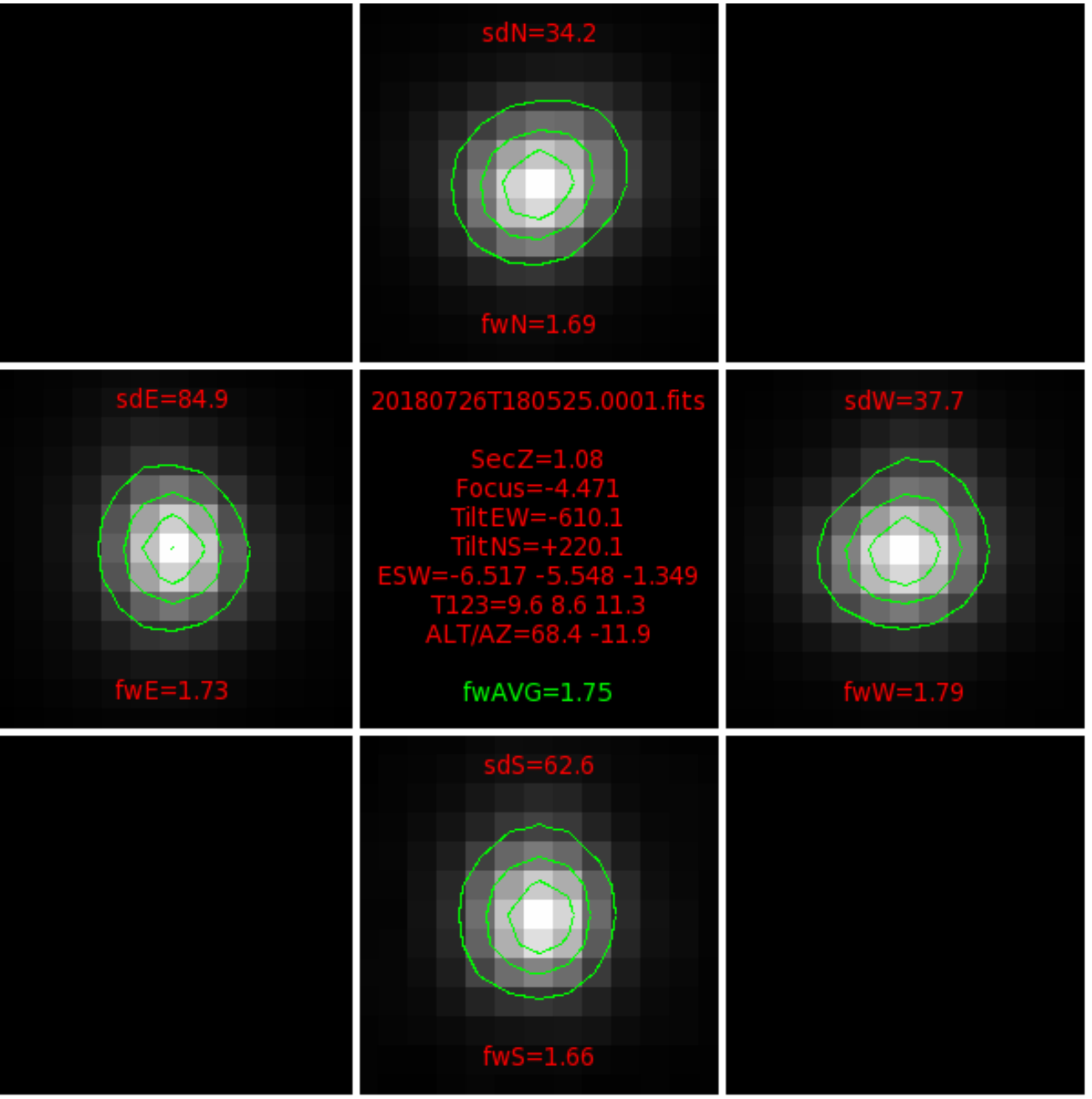

sdN=241.9
fwN=1.65
sdE=822.4
fwE=1.64
20180726T175942.0001.fits
SecZ=1.00
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 0.0 11.3
ALT/AZ=86.2 -72.4
fwAVG=1.59
sdW=1170.1
fwW=1.54
sdS=39.1
fwS=1.66
0 0 0 0 0 0 0 0 0

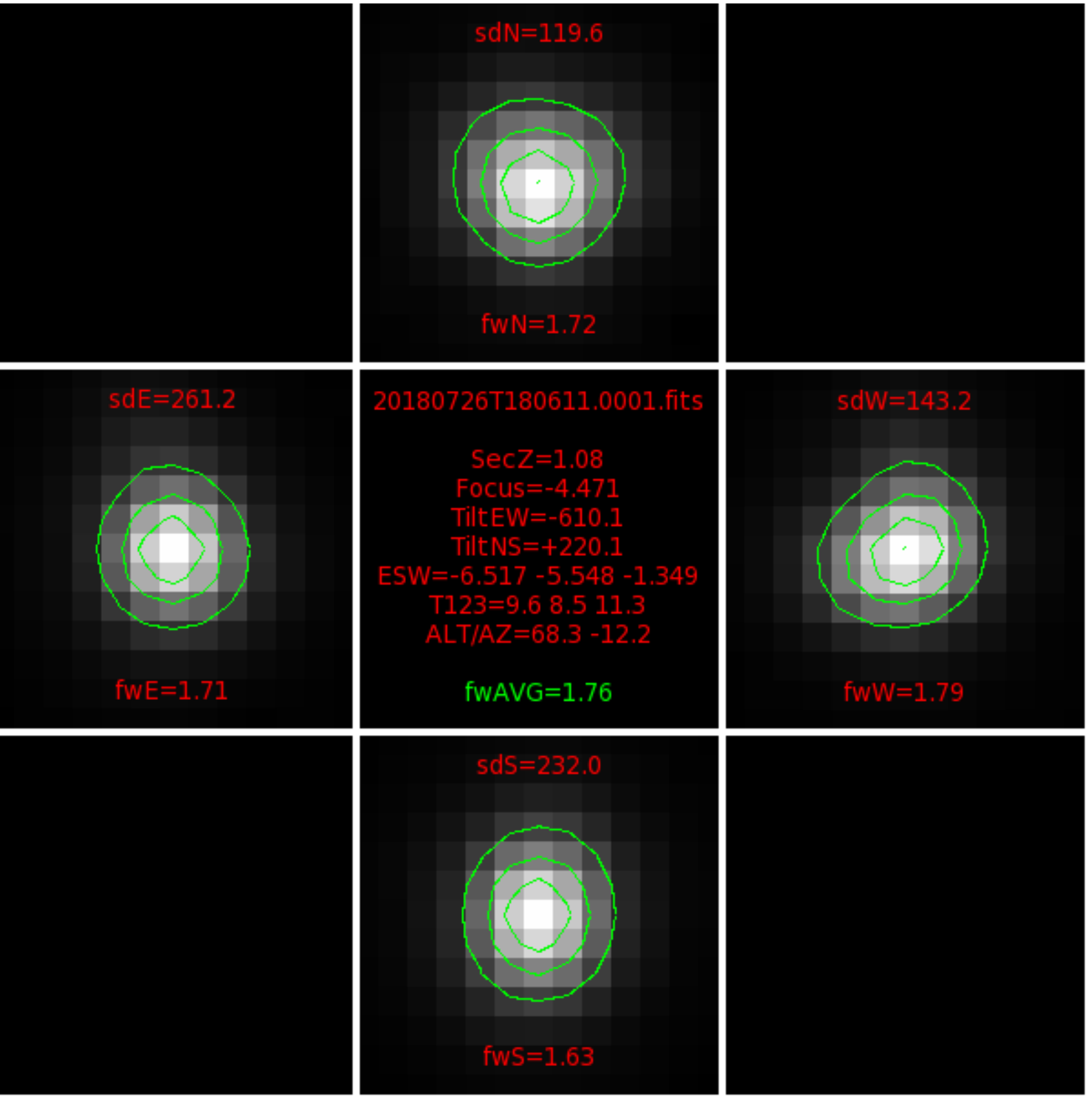

sdN=14.6
fwN=1.99
sdE=22.5
fwE=2.25
20180726T180108.0001.fits
SecZ=1.07
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 8.8 11.3
ALT/AZ=68.5 -10.2
fwAVG=1.85
sdW=141.9
fwW=1.58
sdS=15.4
fwS=2.05
0 0 0 0 0 0 0 0 0

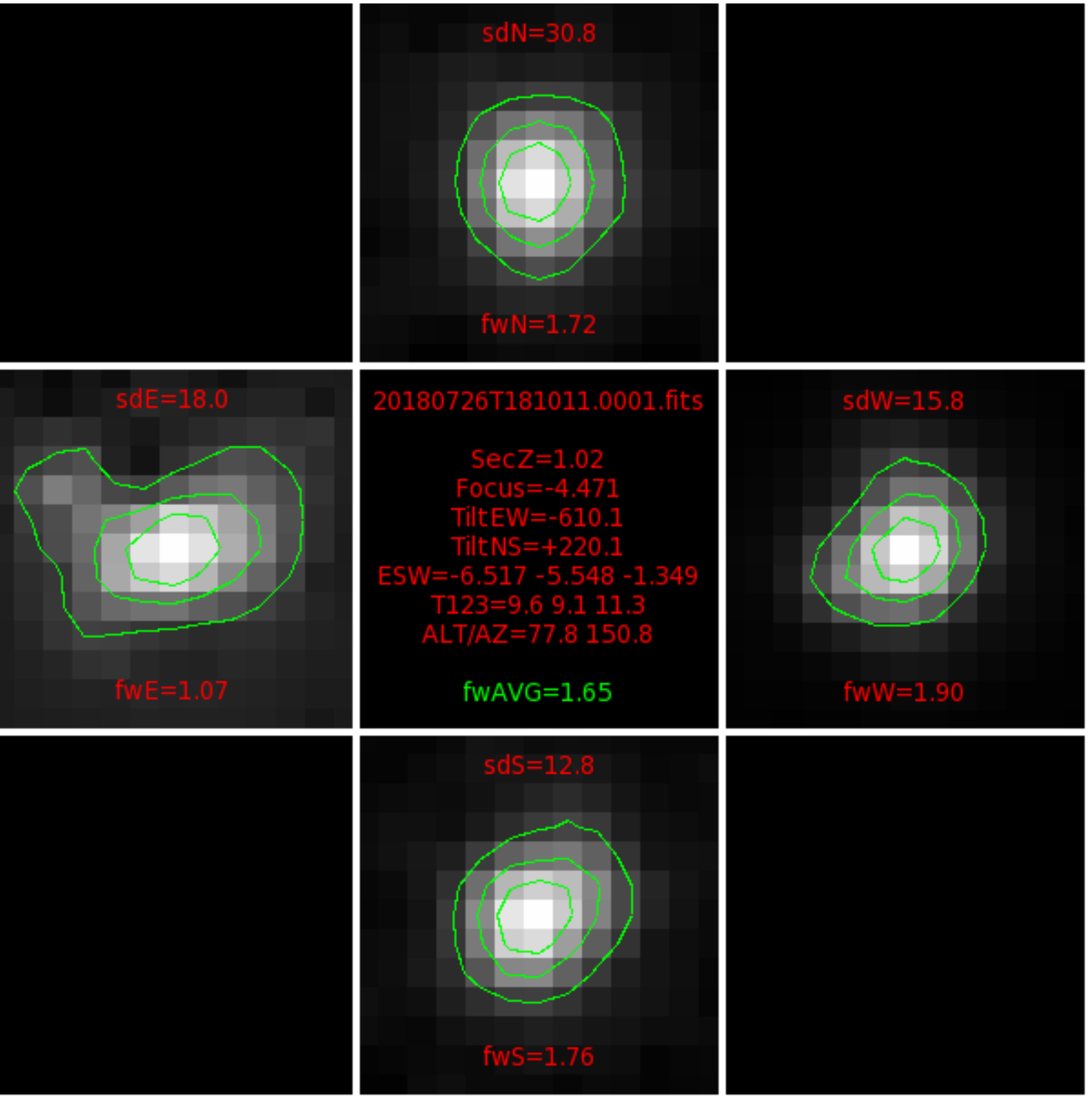

sdN=42.6
fwN=2.10
sdE=70.8
fwE=2.21
20180726T180157.0001.fits
SecZ=1.07
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 8.7 11.3
ALT/AZ=68.5 -10.5
fwAVG=2.19
sdW=57.7
fwW=2.23
sdS=45.7
fwS=2.05
0 0 0 0 0 0 0 0 0

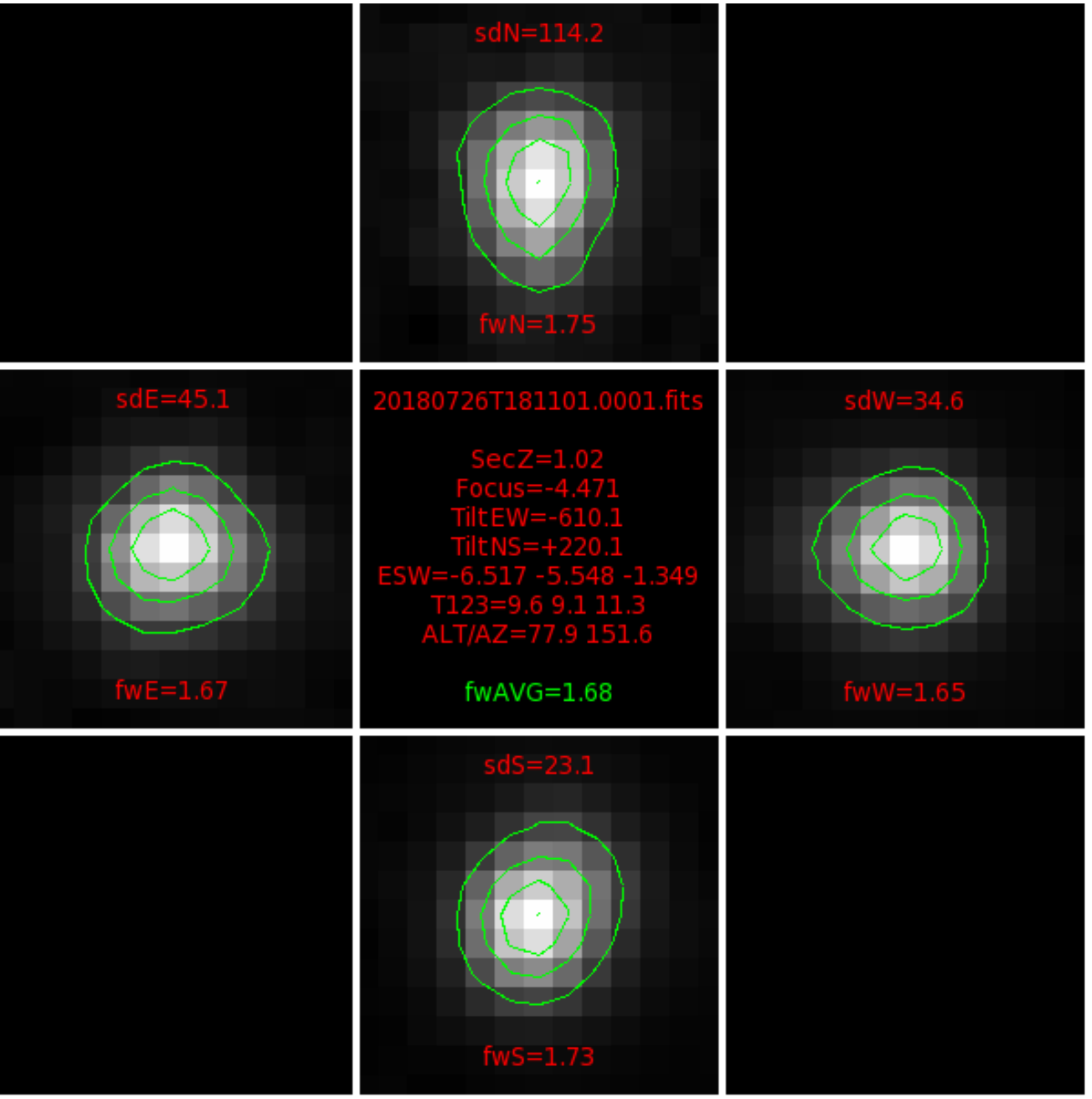

sdN=18.2
fwN=1.91
sdE=35.5
fwE=1.99
20180726T180315.0001.fits
SecZ=1.08
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 8.6 11.3
ALT/AZ=68.4 -11.1
fwAVG=2.07
sdW=20.4
fwW=2.19
sdS=22.4
fwS=1.81
0 0 0 0 0 0 0 0 0

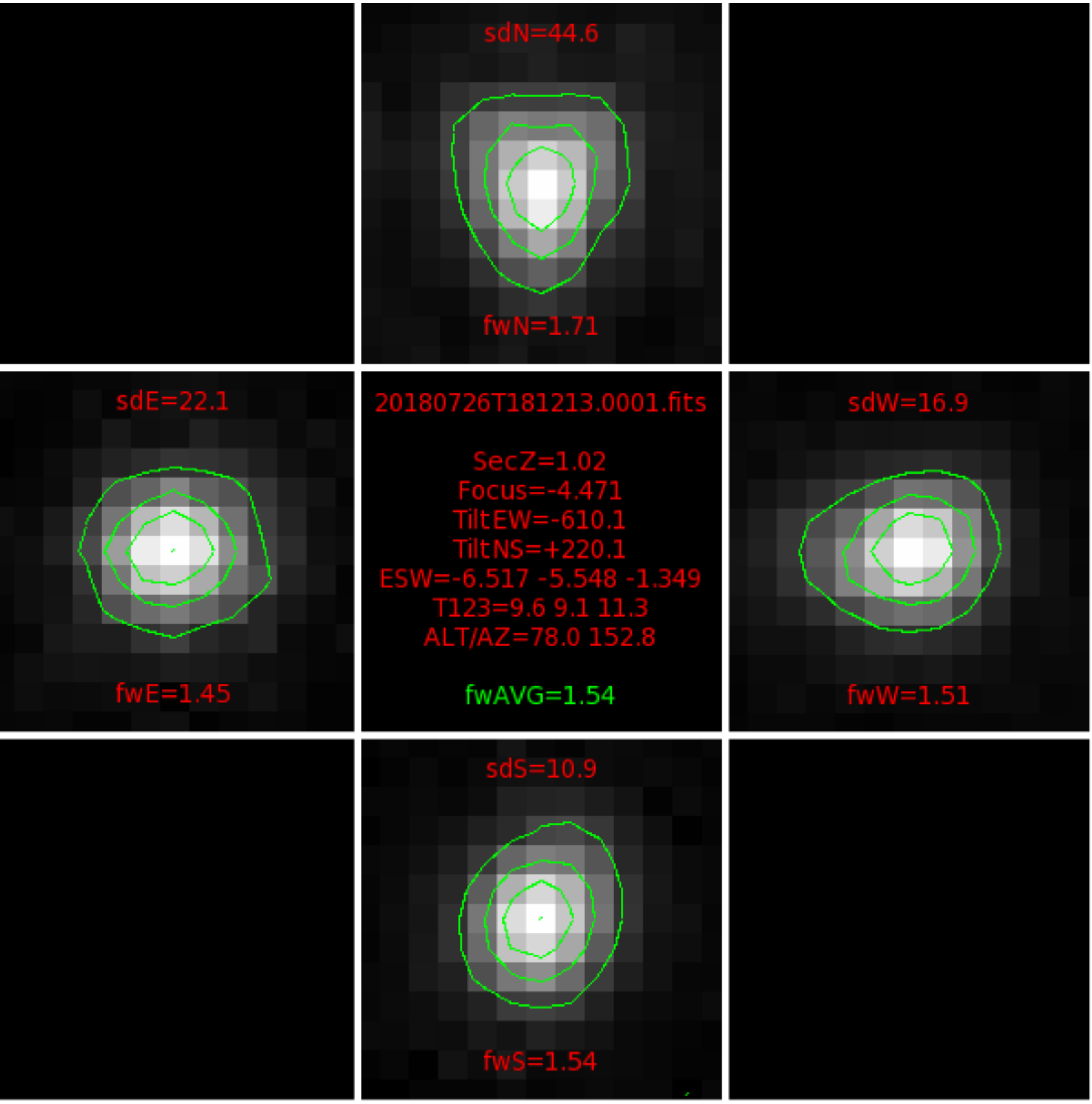

sdN=58.1
fwN=1.95
sdE=116.0
fwE=2.03
20180726T180404.0001.fits
SecZ=1.08
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 8.6 11.3
ALT/AZ=68.4 -11.4
fwAVG=2.07
sdW=78.5
fwW=2.15
sdS=80.8
fwS=1.90
0 0 0 0 0 0 0 0 0

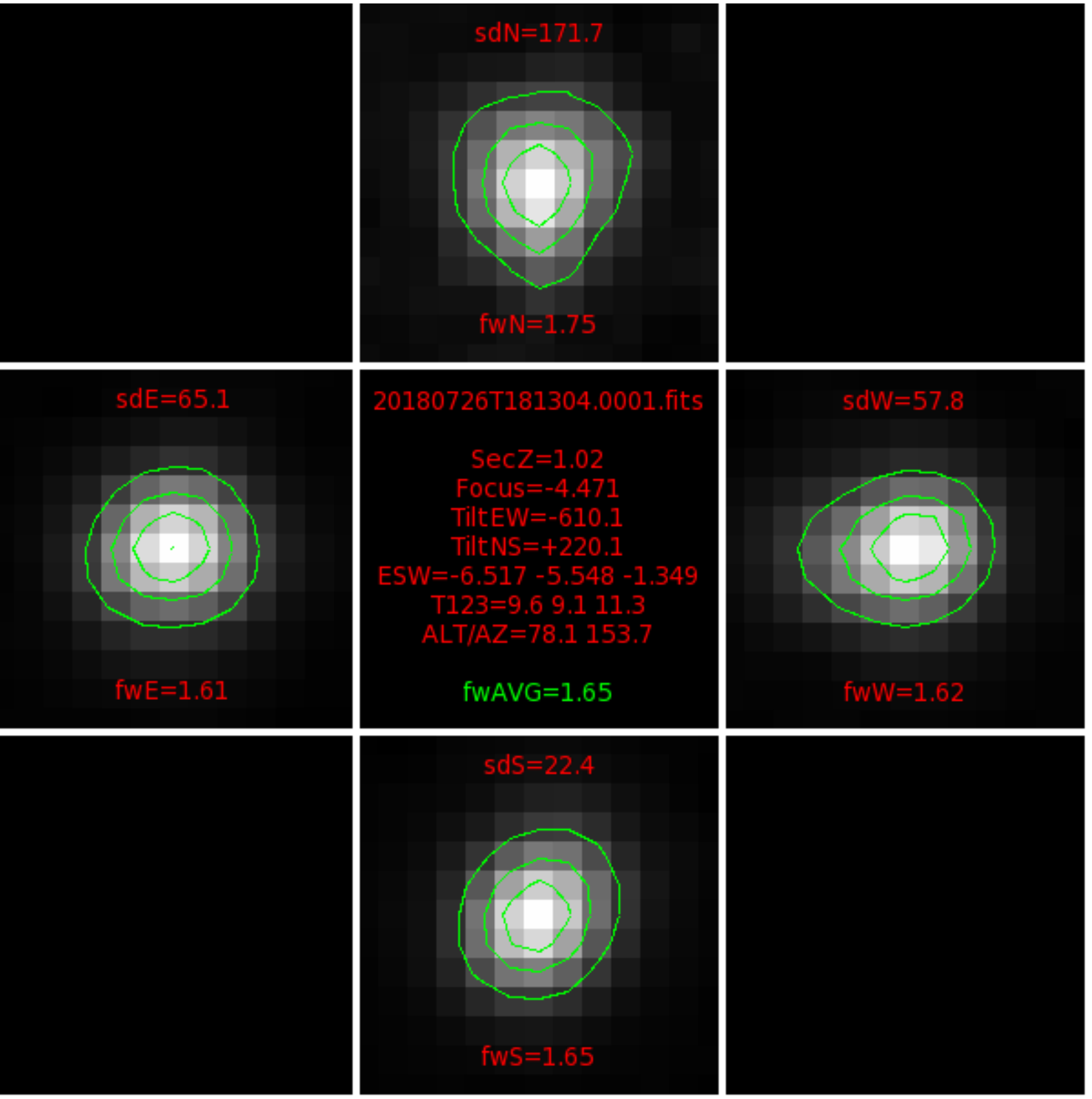

sdN=34.2
fwN=1.69
sdE=84.9
fwE=1.73
20180726T180525.0001.fits
SecZ=1.08
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 8.6 11.3
ALT/AZ=68.4 -11.9
fwAVG=1.75
sdW=37.7
fwW=1.79
sdS=62.6
fwS=1.66
0 0 0 0 0 0 0 0 0

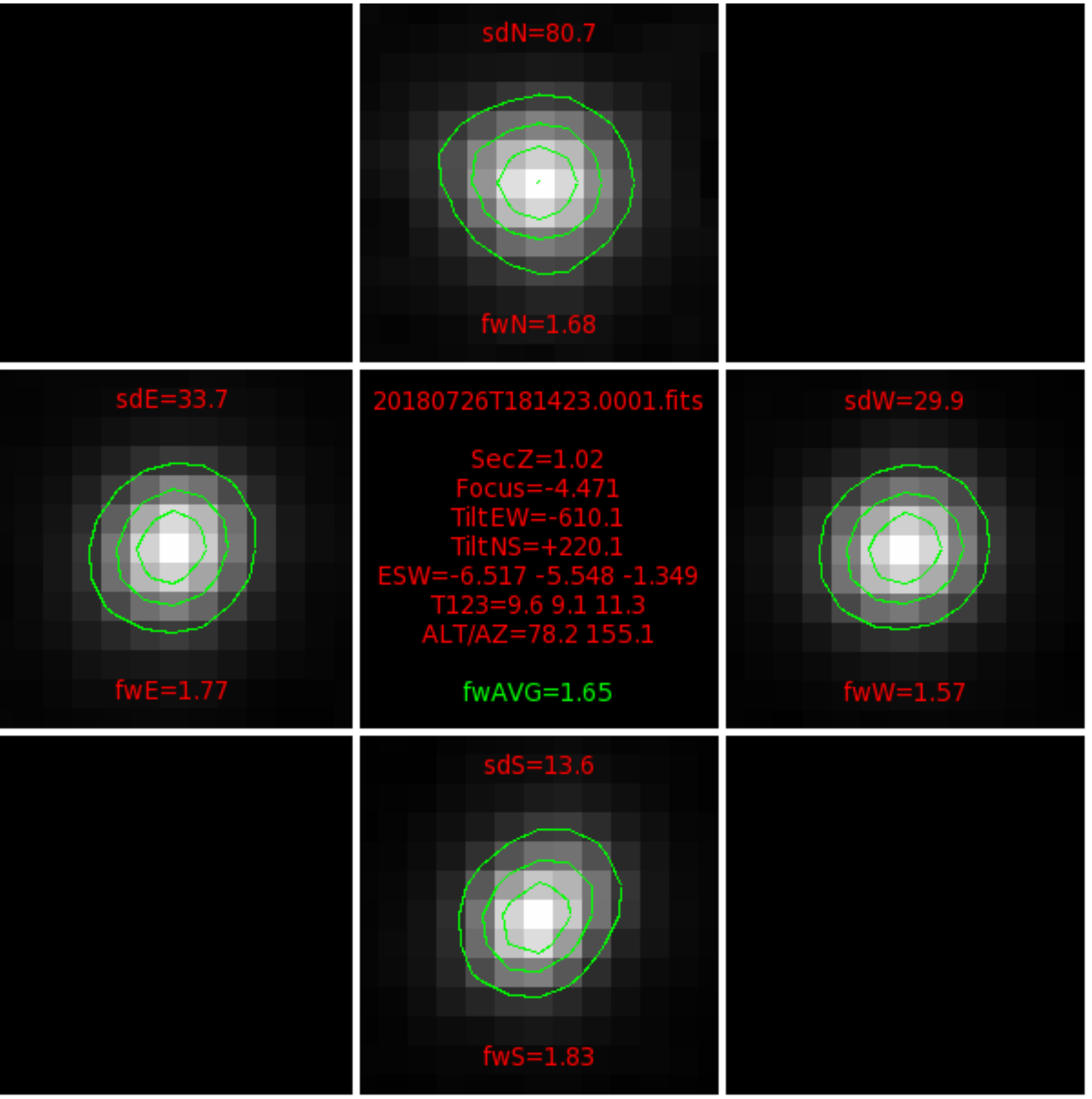

sdN=119.6
fwN=1.72
sdE=261.2
fwE=1.71
20180726T180611.0001.fits
SecZ=1.08
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 8.5 11.3
ALT/AZ=68.3 -12.2
fwAVG=1.76
sdW=143.2
fwW=1.79
sdS=232.0
fwS=1.63
0 0 0 0 0 0 0 0 0

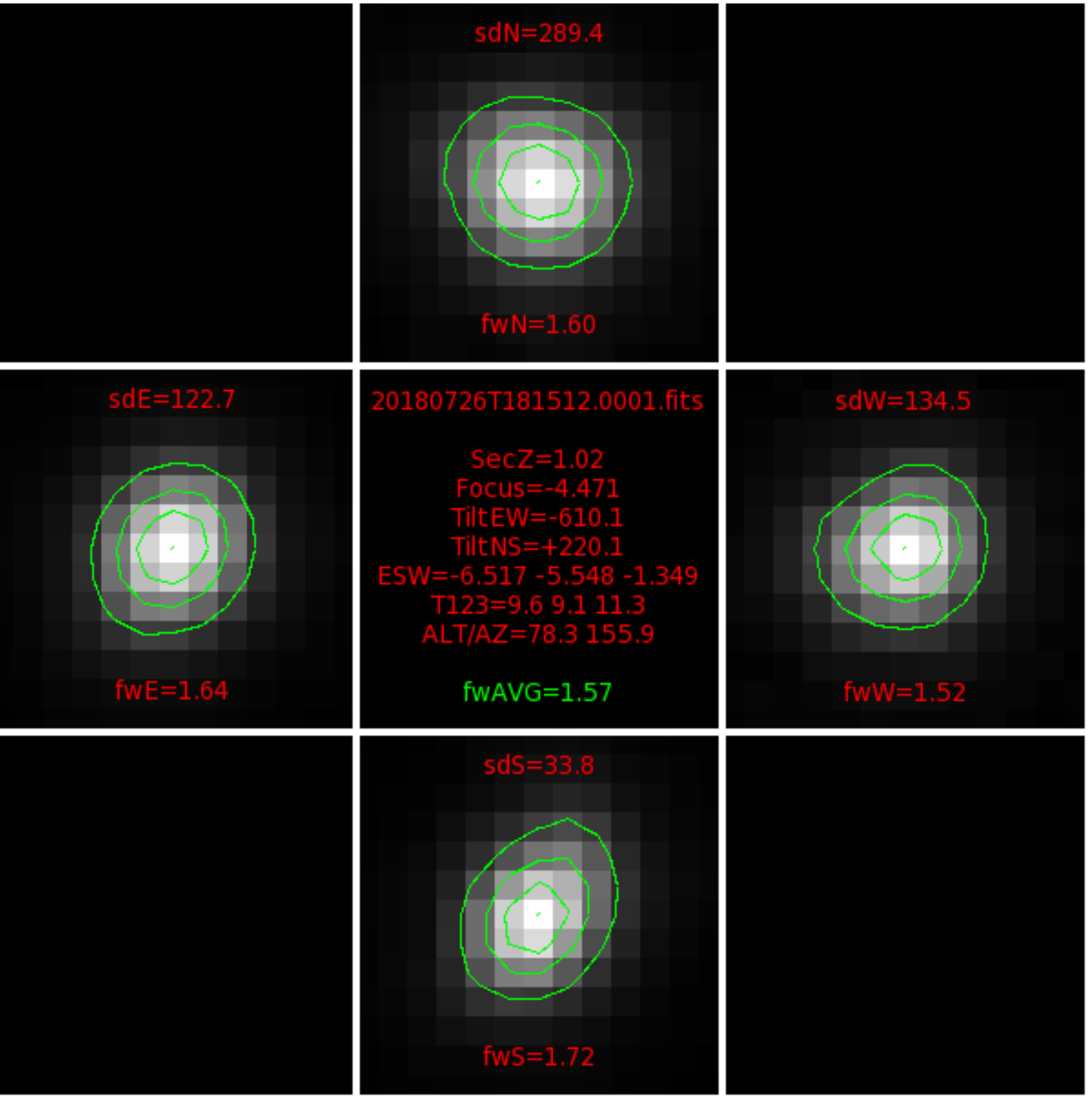

sdN=30.8
fwN=1.72
sdE=18.0
fwE=1.07
20180726T181011.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 9.1 11.3
ALT/AZ=77.8 150.8
fwAVG=1.65
sdW=15.8
fwW=1.90
sdS=12.8
fwS=1.76
0 0 0 0 0 0 0 0 0

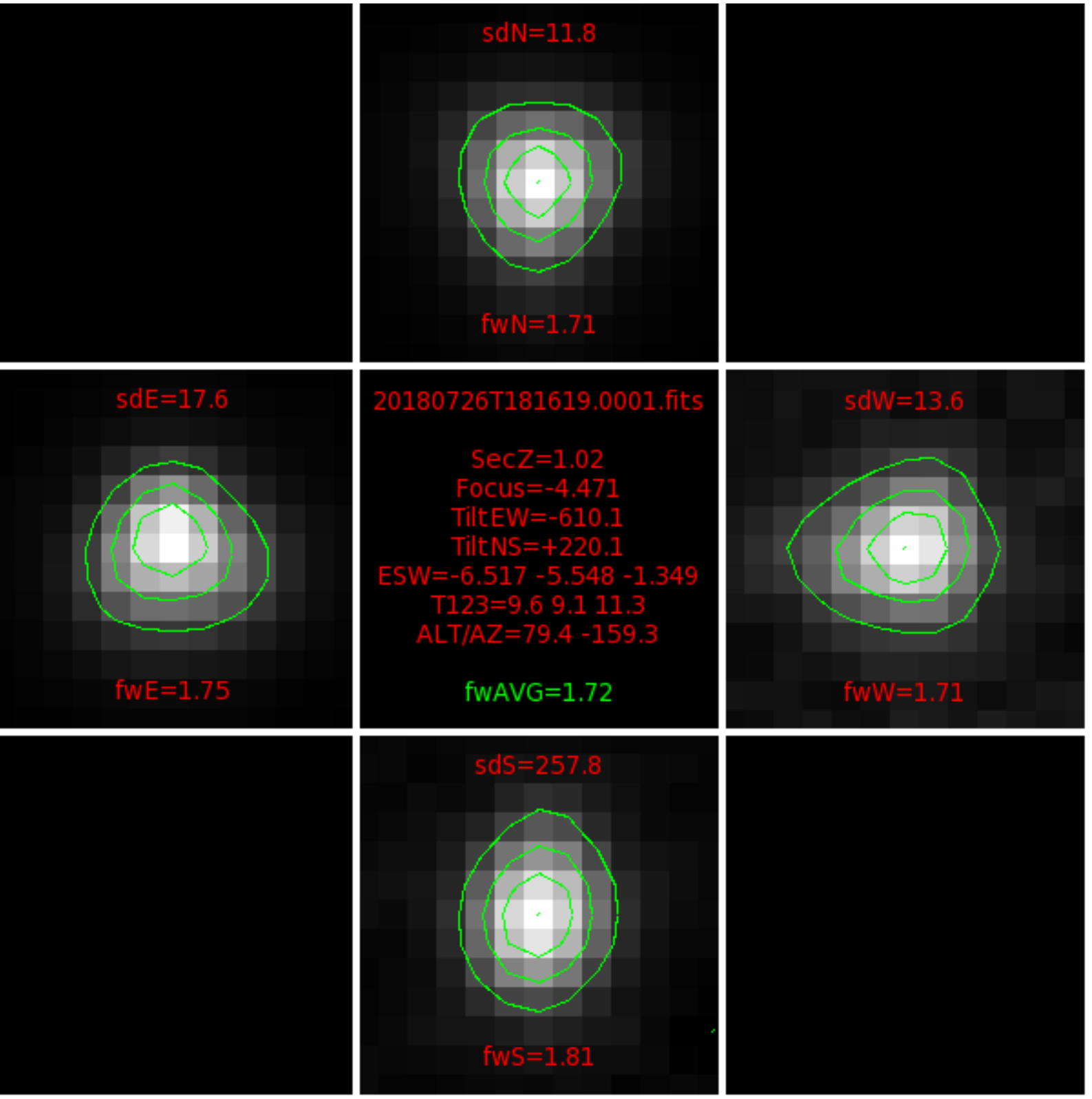

sdN=114.2
fwN=1.75
sdE=45.1
fwE=1.67
20180726T181101.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 9.1 11.3
ALT/AZ=77.9 151.6
fwAVG=1.68
sdW=34.6
fwW=1.65
sdS=23.1
fwS=1.73
0 0 0 0 0 0 0 0 0

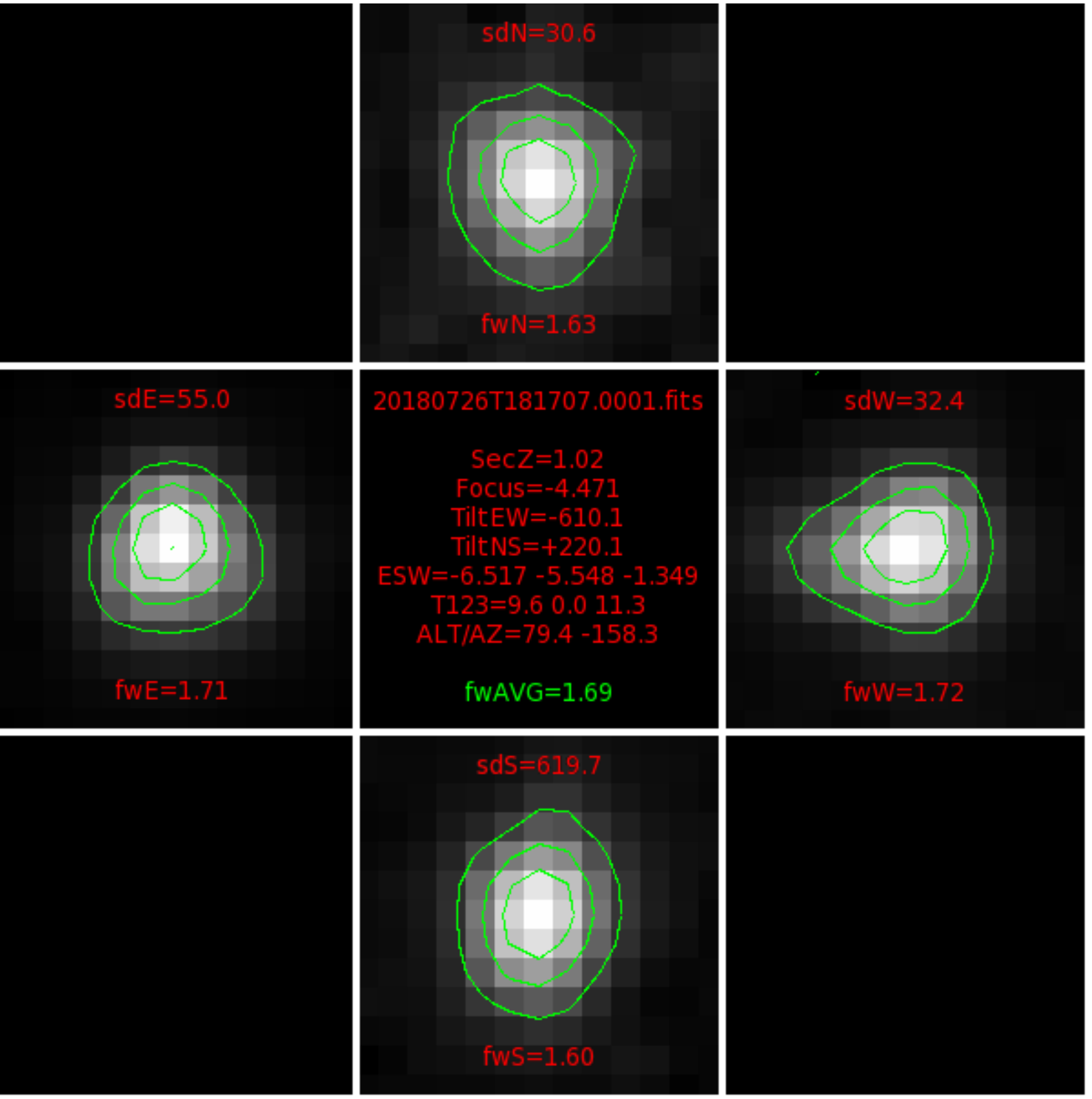

sdN=44.6
fwN=1.71
sdE=22.1
fwE=1.45
20180726T181213.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 9.1 11.3
ALT/AZ=78.0 152.8
fwAVG=1.54
sdW=16.9
fwW=1.51
sdS=10.9
fwS=1.54
0 0 0 0 0 0 0 0 0

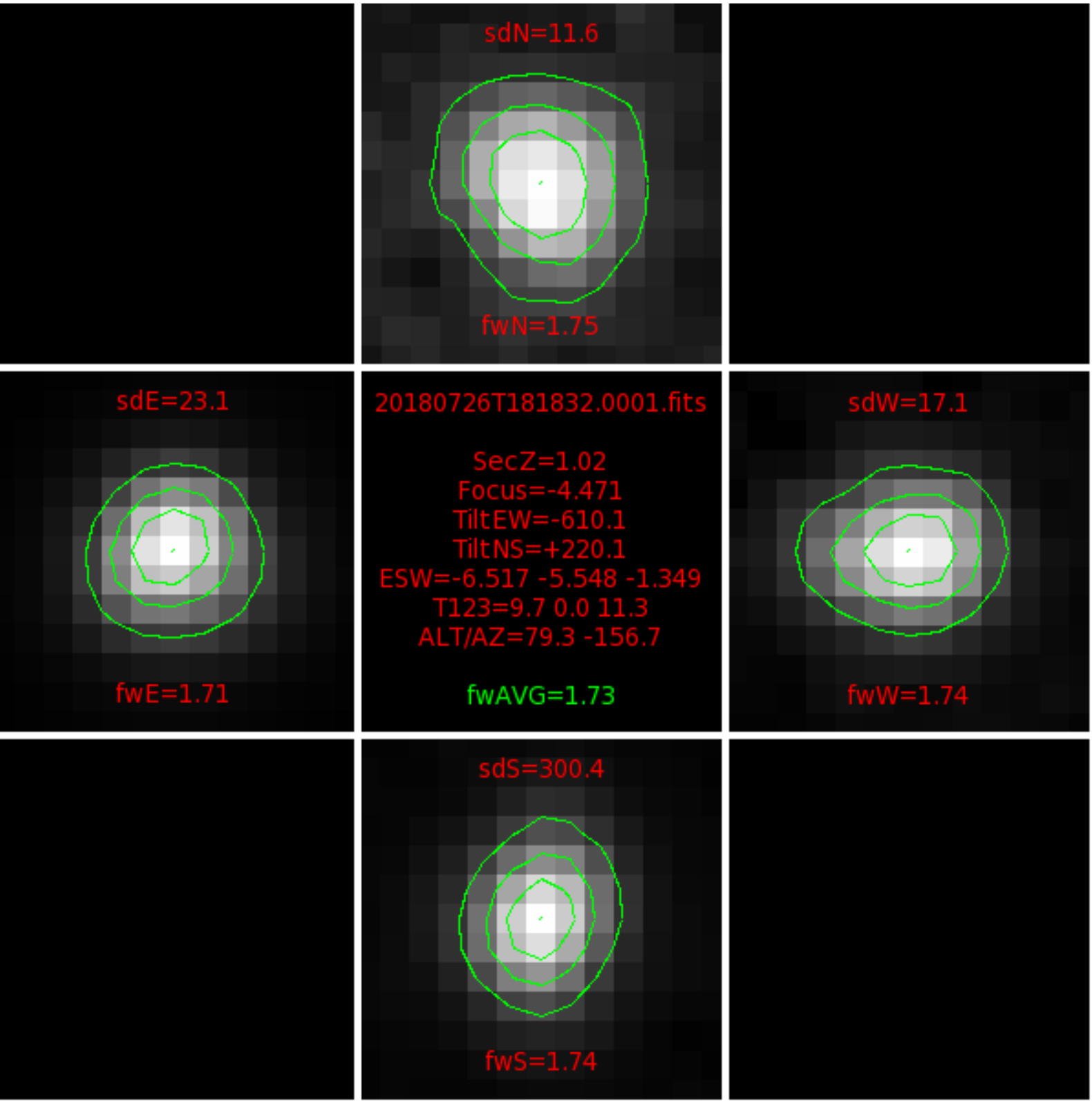

sdN=171.7
fwN=1.75
sdE=65.1
fwE=1.61
20180726T181304.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 9.1 11.3
ALT/AZ=78.1 153.7
fwAVG=1.65
sdW=57.8
fwW=1.62
sdS=22.4
fwS=1.65
0 0 0 0 0 0 0 0 0

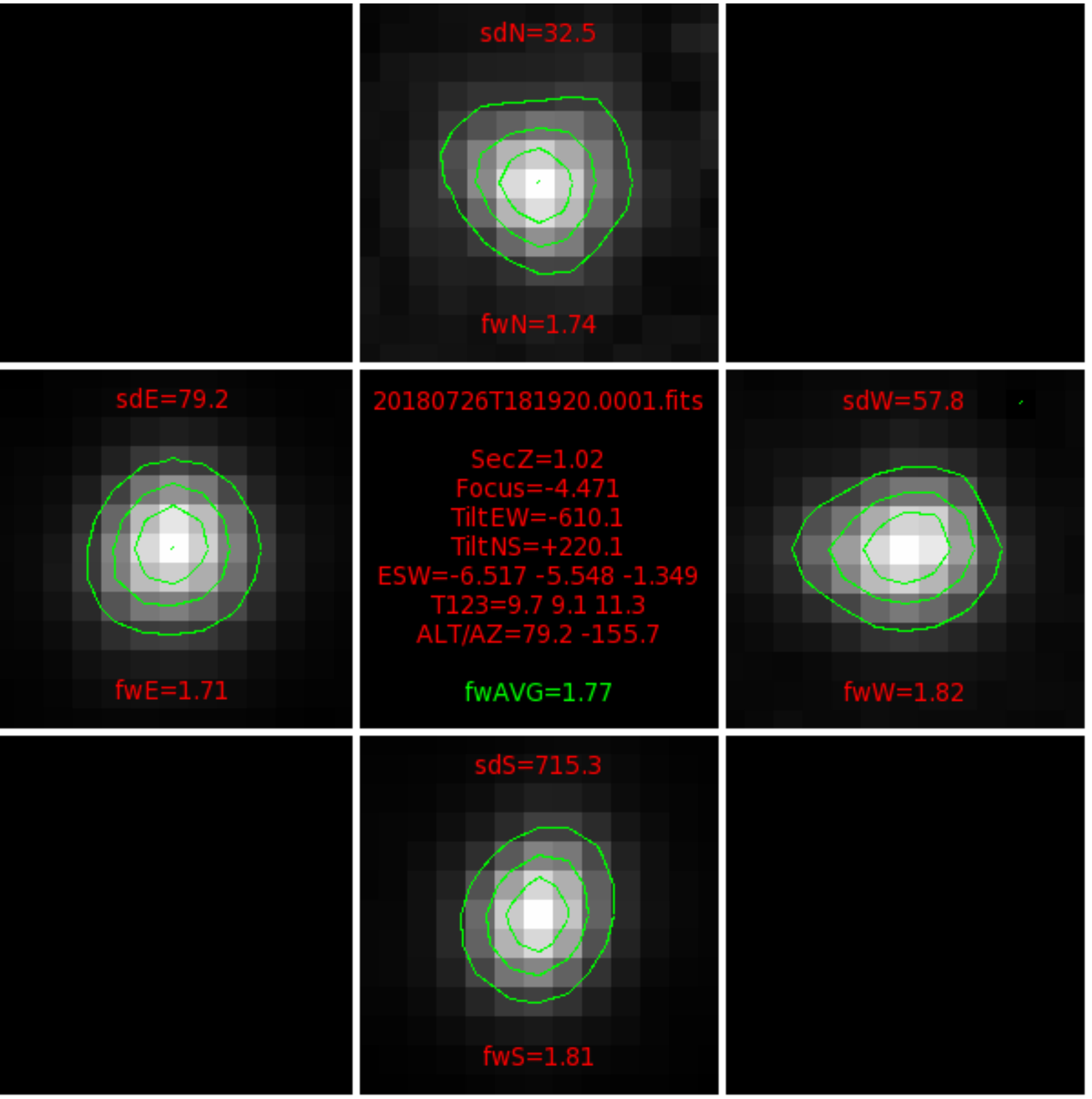

sdN=80.7
fwN=1.68
sdE=33.7
fwE=1.77
20180726T181423.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 9.1 11.3
ALT/AZ=78.2 155.1
fwAVG=1.65
sdW=29.9
fwW=1.57
sdS=13.6
fwS=1.83
0 0 0 0 0 0 0 0 0

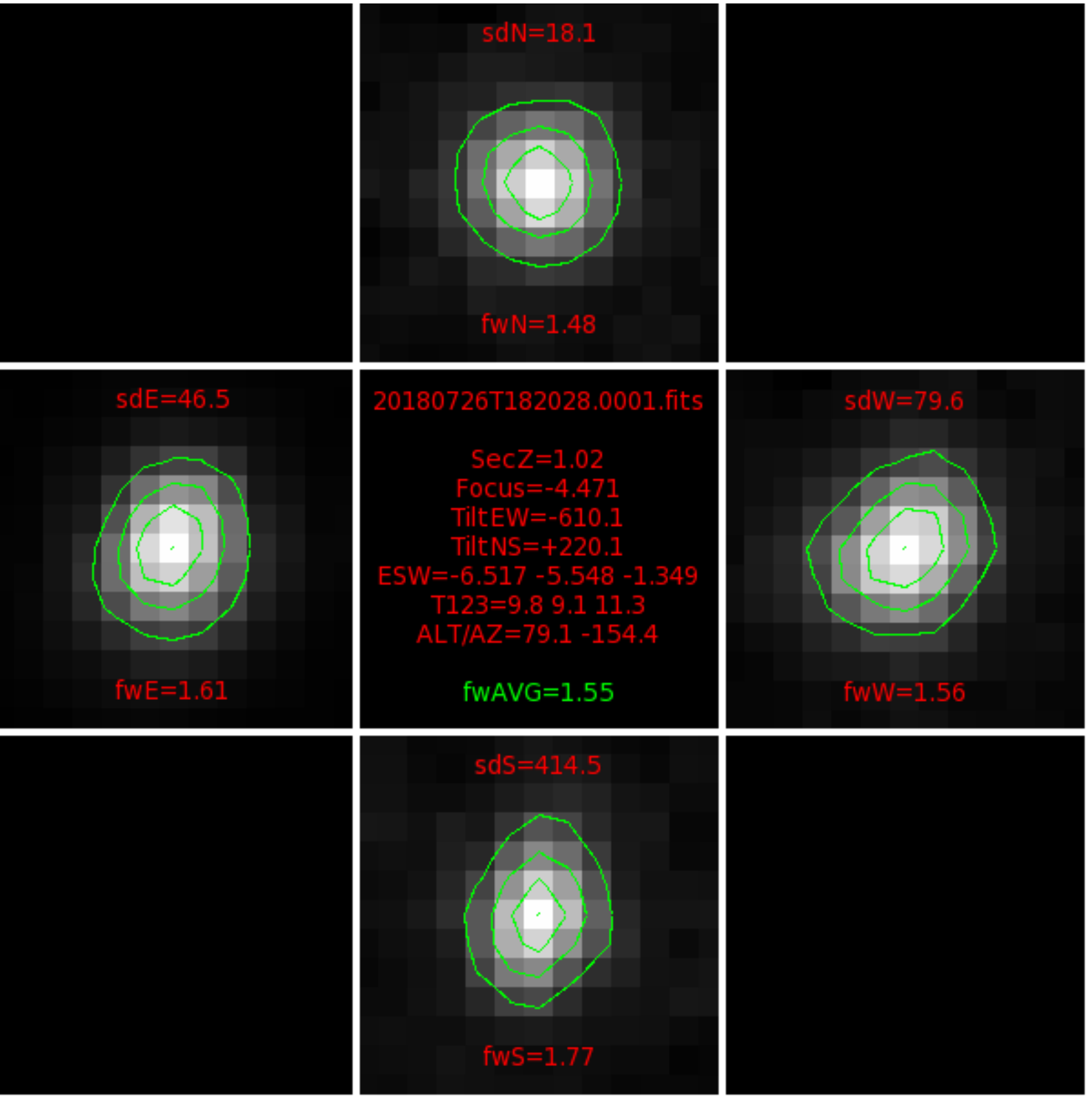

sdN=289.4
fwN=1.60
sdE=122.7
fwE=1.64
20180726T181512.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 9.1 11.3
ALT/AZ=78.3 155.9
fwAVG=1.57
sdW=134.5
fwW=1.52
sdS=33.8
fwS=1.72
0 0 0 0 0 0 0 0 0

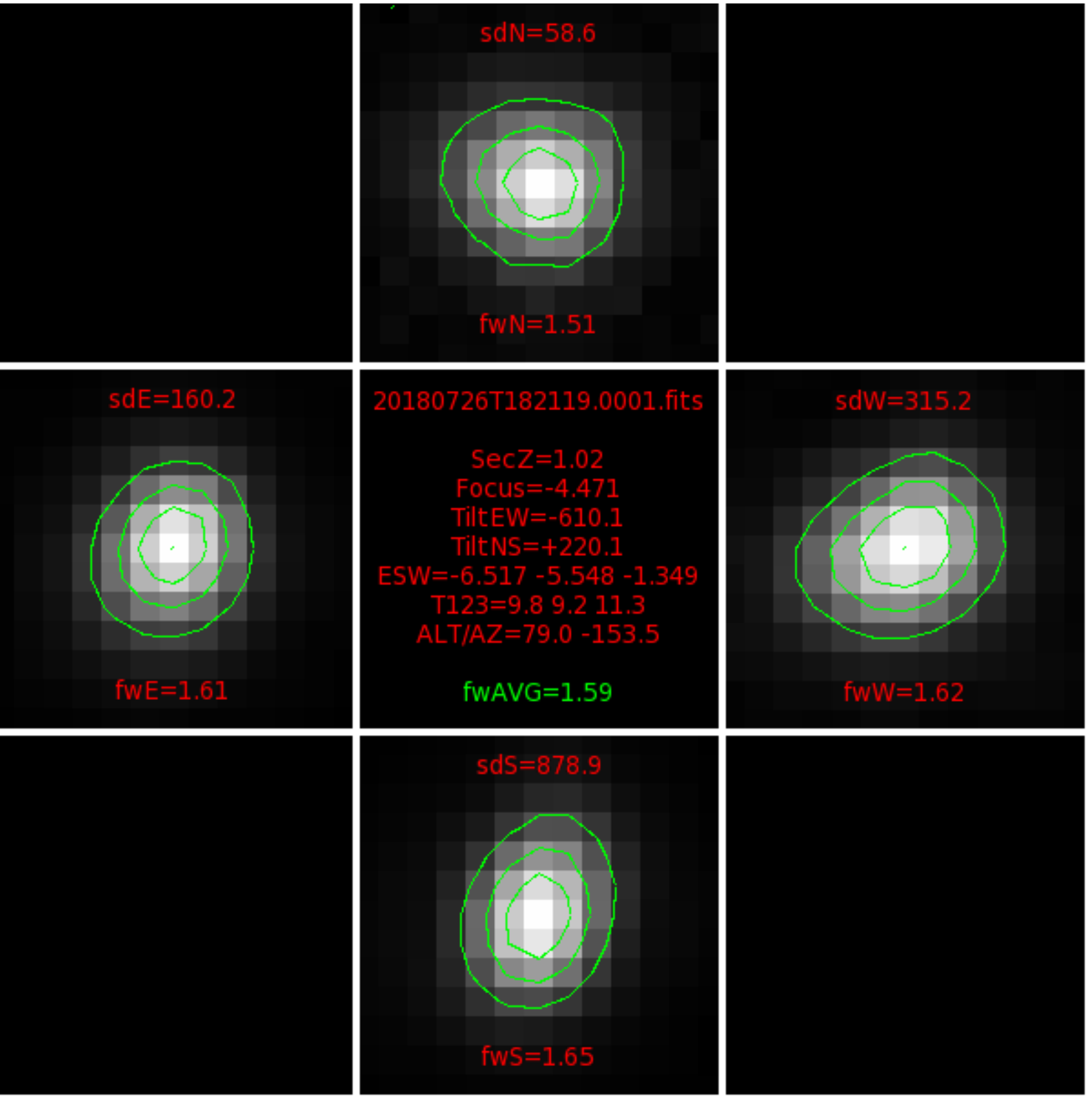

sdN=11.8
fwN=1.71
sdE=17.6
fwE=1.75
20180726T181619.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 9.1 11.3
ALT/AZ=79.4 -159.3
fwAVG=1.72
sdW=13.6
fwW=1.71
sdS=257.8
fwS=1.81
0 0 0 0 0 0 0 0 0

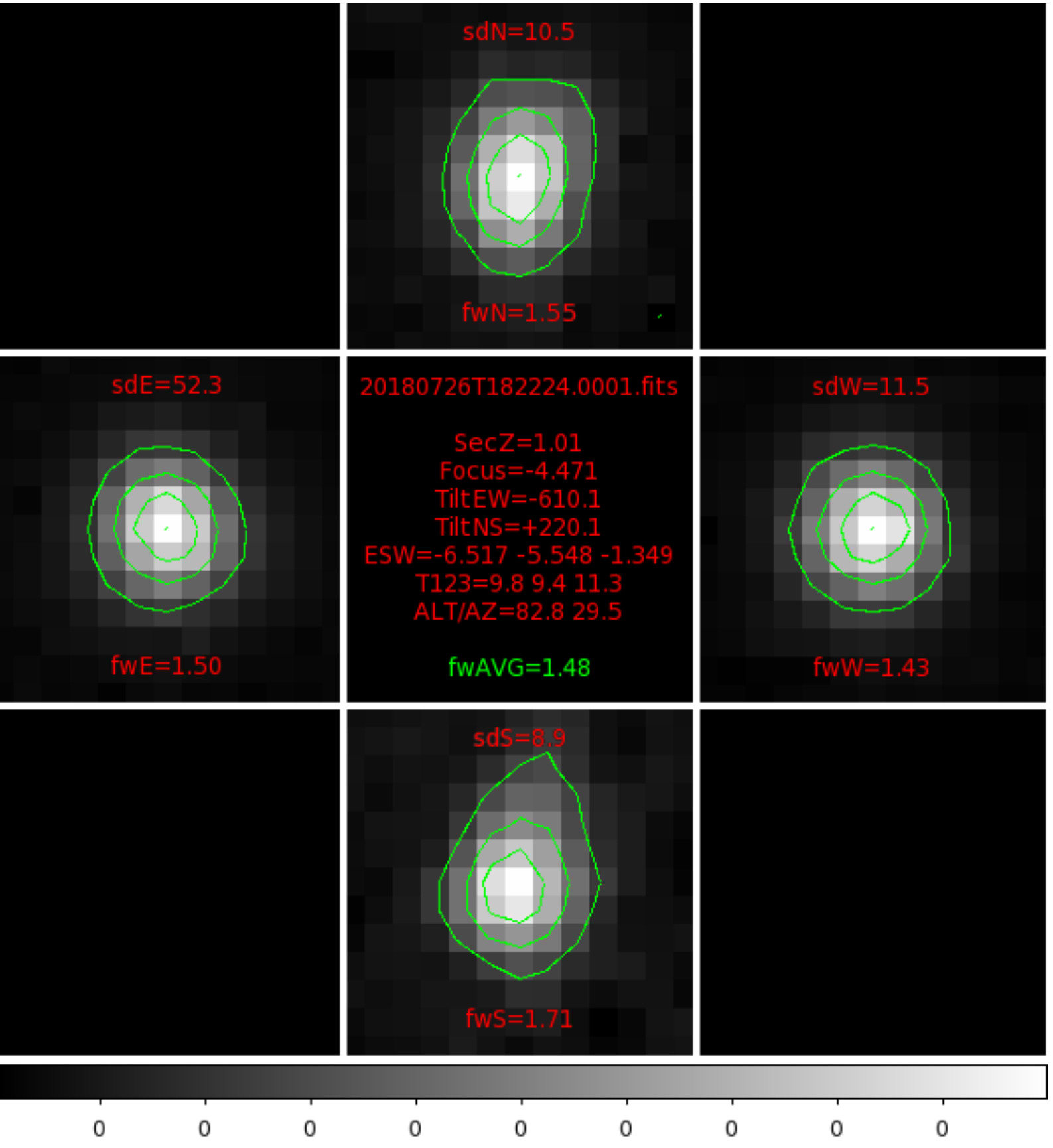

sdN=30.6
fwN=1.63
sdE=55.0
fwE=1.71
20180726T181707.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.6 0.0 11.3
ALT/AZ=79.4 -158.3
fwAVG=1.69
sdW=32.4
fwW=1.72
sdS=619.7
fwS=1.60
0 0 0 0 0 0 0 0 0

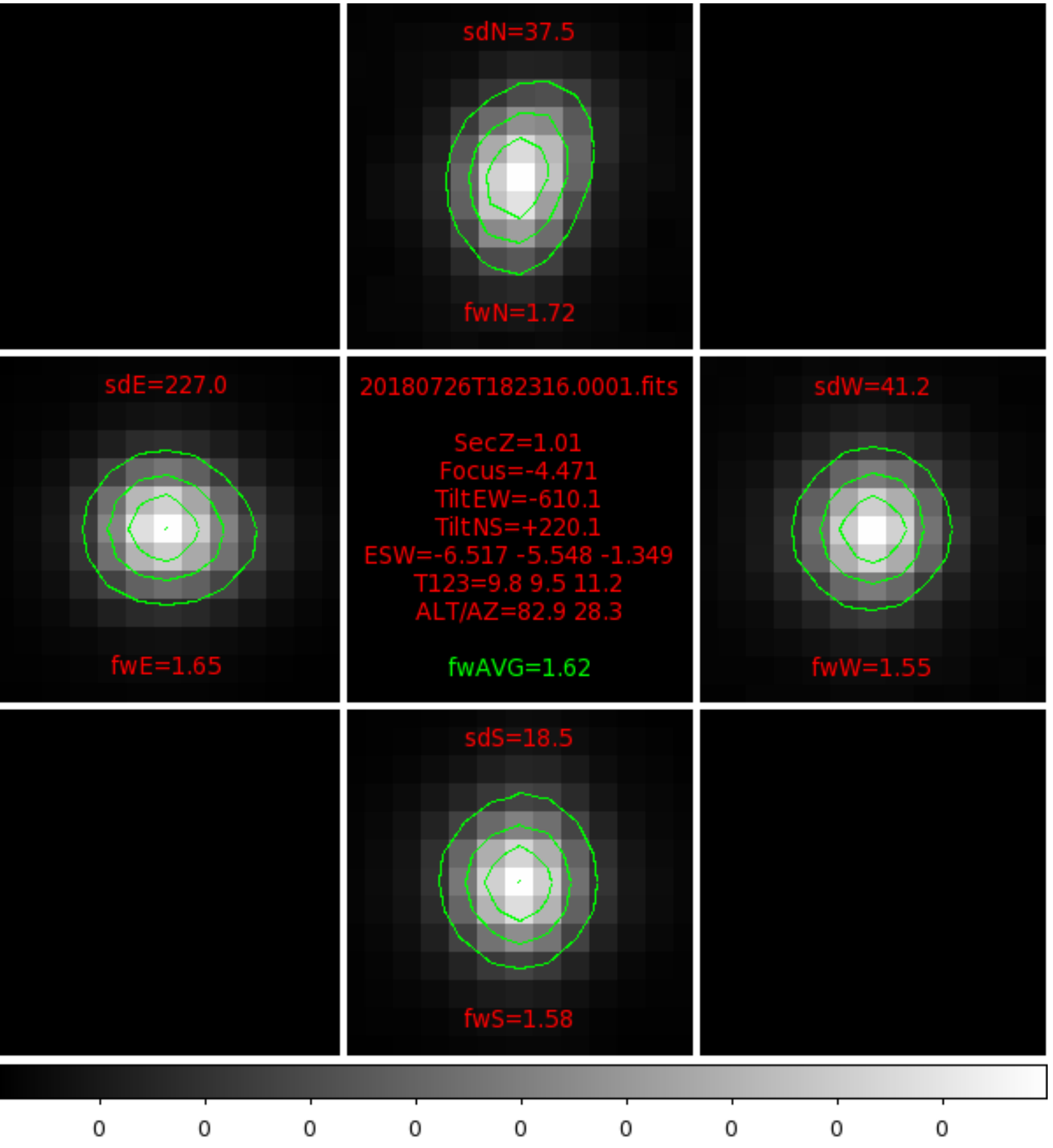

sdN=11.6
fwN=1.75
sdE=23.1
fwE=1.71
20180726T181832.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 0.0 11.3
ALT/AZ=79.3 -156.7
fwAVG=1.73
sdW=17.1
fwW=1.74
sdS=300.4
fwS=1.74
0 0 0 0 0 0 0 0 0

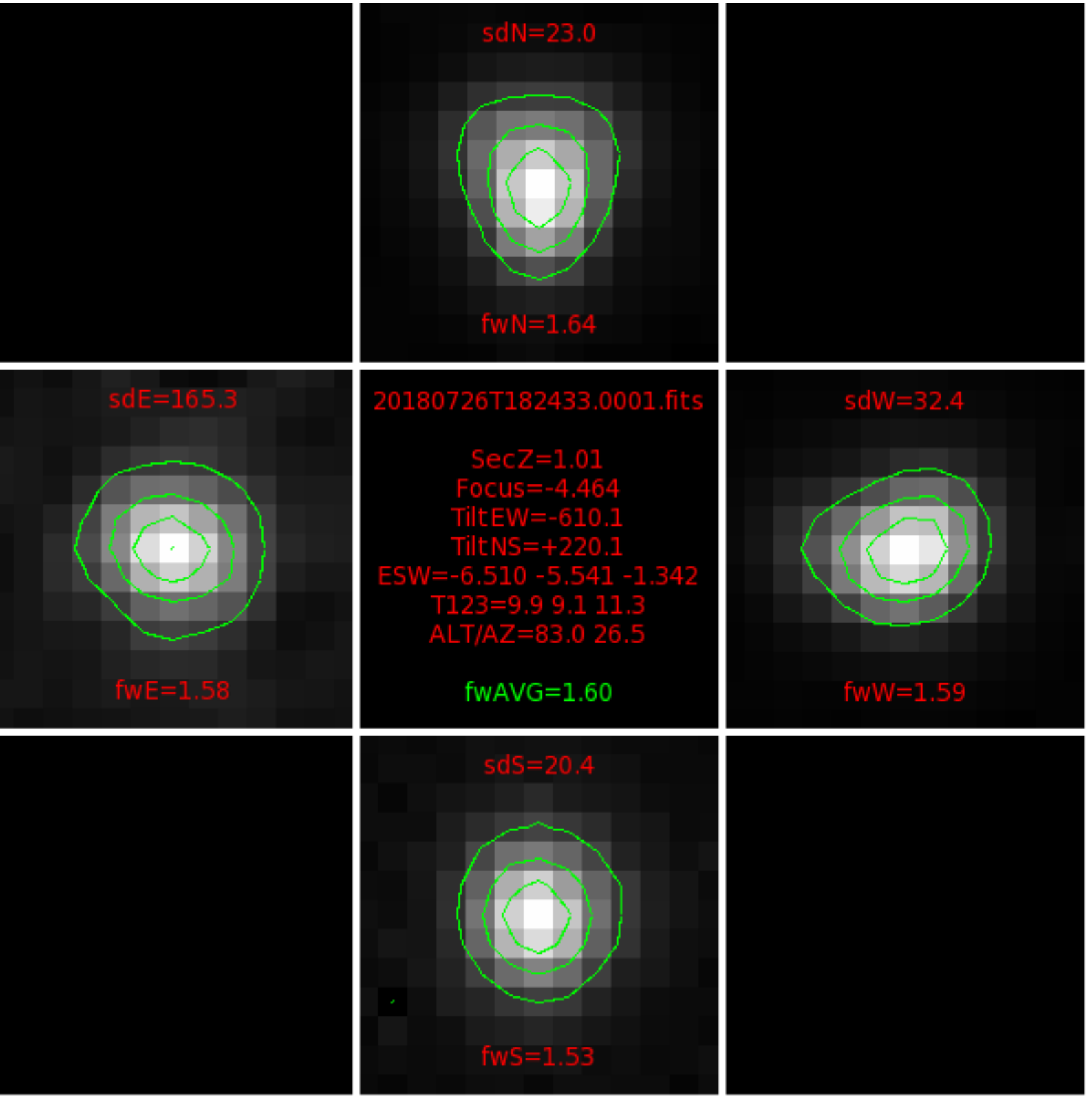

sdN=32.5
fwN=1.74
sdE=79.2
fwE=1.71
20180726T181920.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 9.1 11.3
ALT/AZ=79.2 -155.7
fwAVG=1.77
sdW=57.8
fwW=1.82
sdS=715.3
fwS=1.81
0 0 0 0 0 0 0 0 0

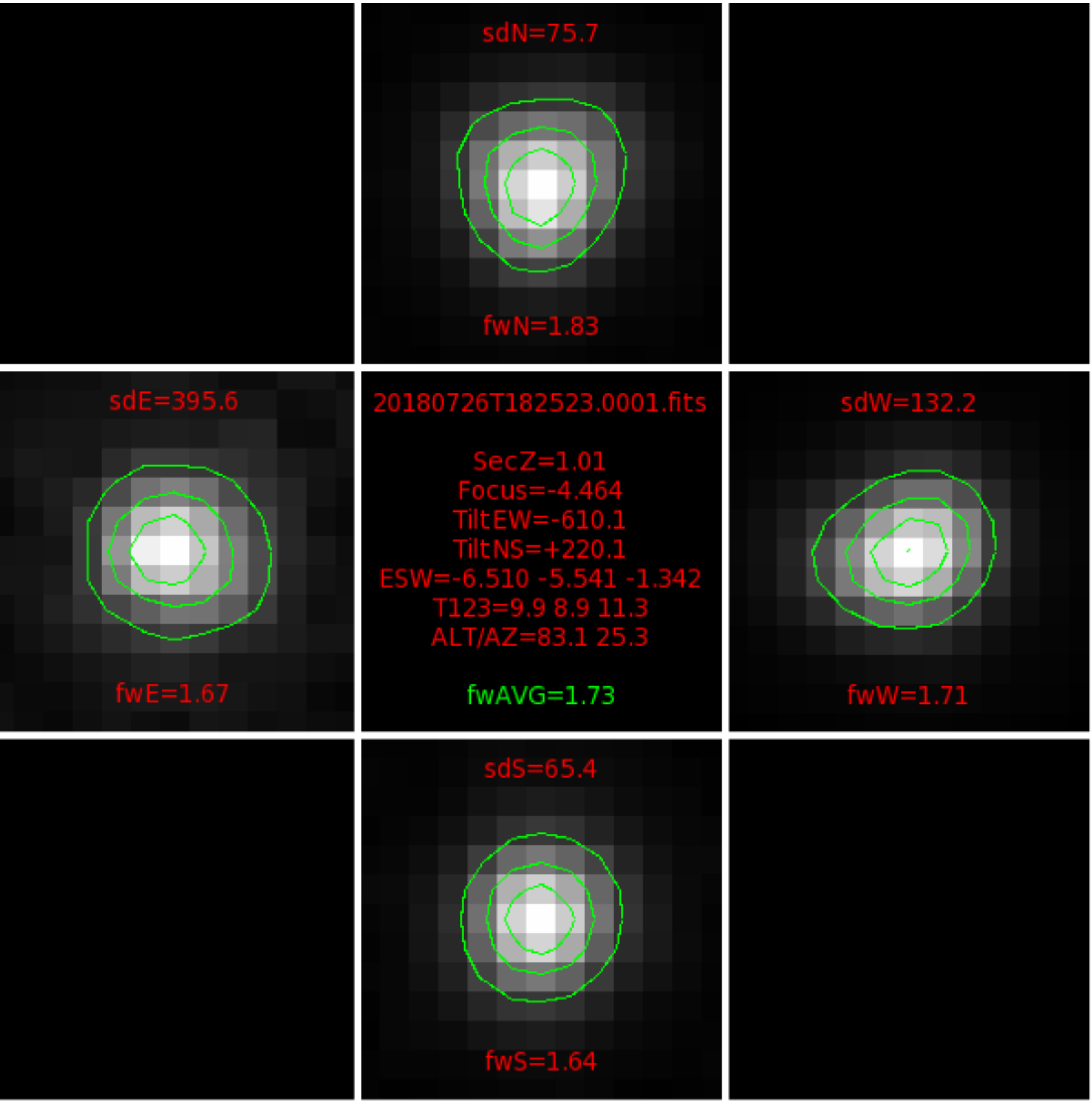

sdN=18.1
fwN=1.48
sdE=46.5
fwE=1.61
20180726T182028.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.8 9.1 11.3
ALT/AZ=79.1 -154.4
fwAVG=1.55
sdW=79.6
fwW=1.56
sdS=414.5
fwS=1.77
0 0 0 0 0 0 0 0 0

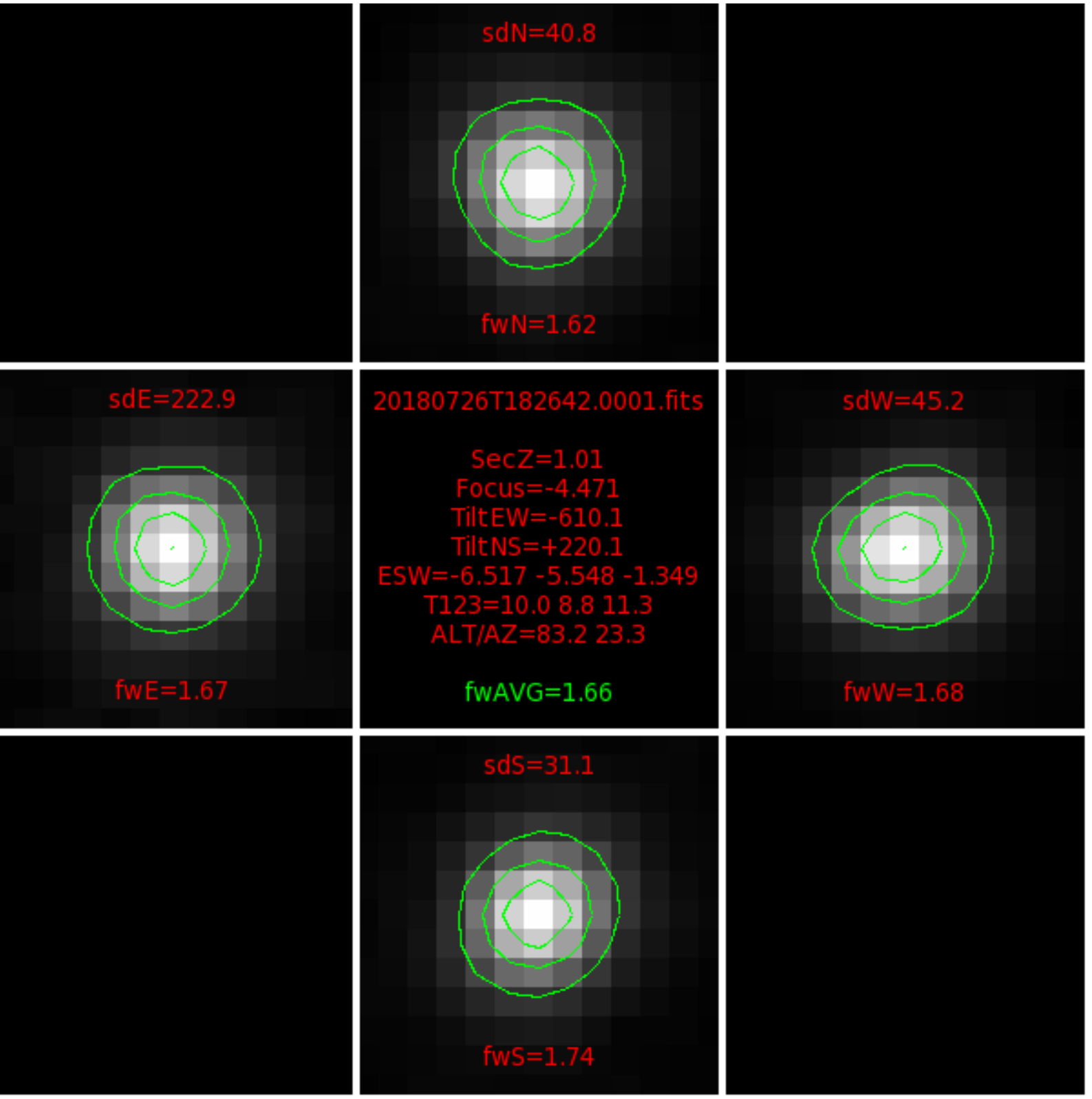

sdN=58.6
fwN=1.51
sdE=160.2
fwE=1.61
20180726T182119.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.8 9.2 11.3
ALT/AZ=79.0 -153.5
fwAVG=1.59
sdW=315.2
fwW=1.62
sdS=878.9
fwS=1.65
0 0 0 0 0 0 0 0 0

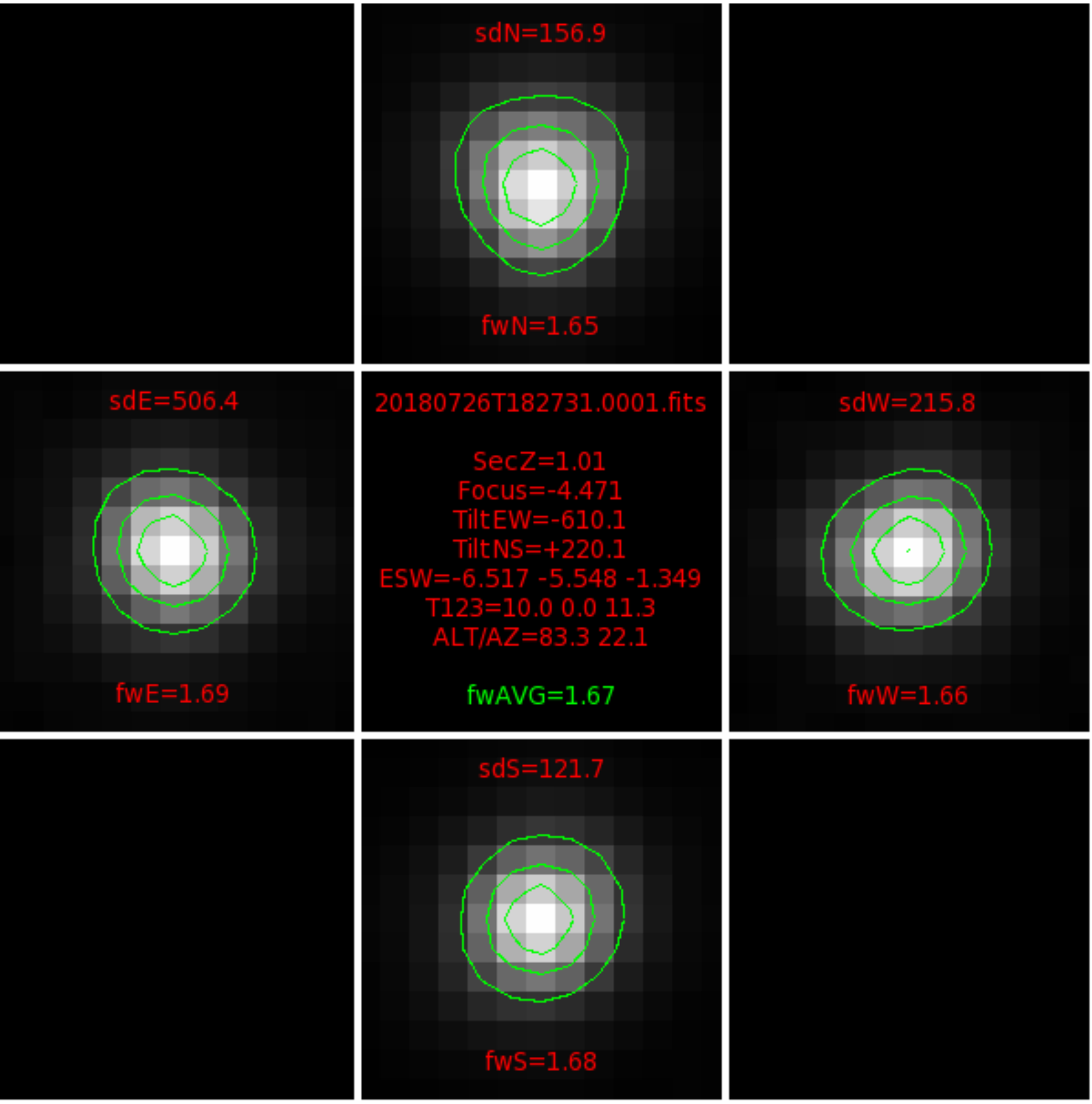

sdN=10.5
fwN=1.55
sdE=52.3
fwE=1.50
20180726T182224.0001.fits
SecZ=1.01
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.8 9.4 11.3
ALT/AZ=82.8 29.5
fwAVG=1.48
sdW=11.5
fwW=1.43
sdS=8.9
fwS=1.71
0 0 0 0 0 0 0 0 0

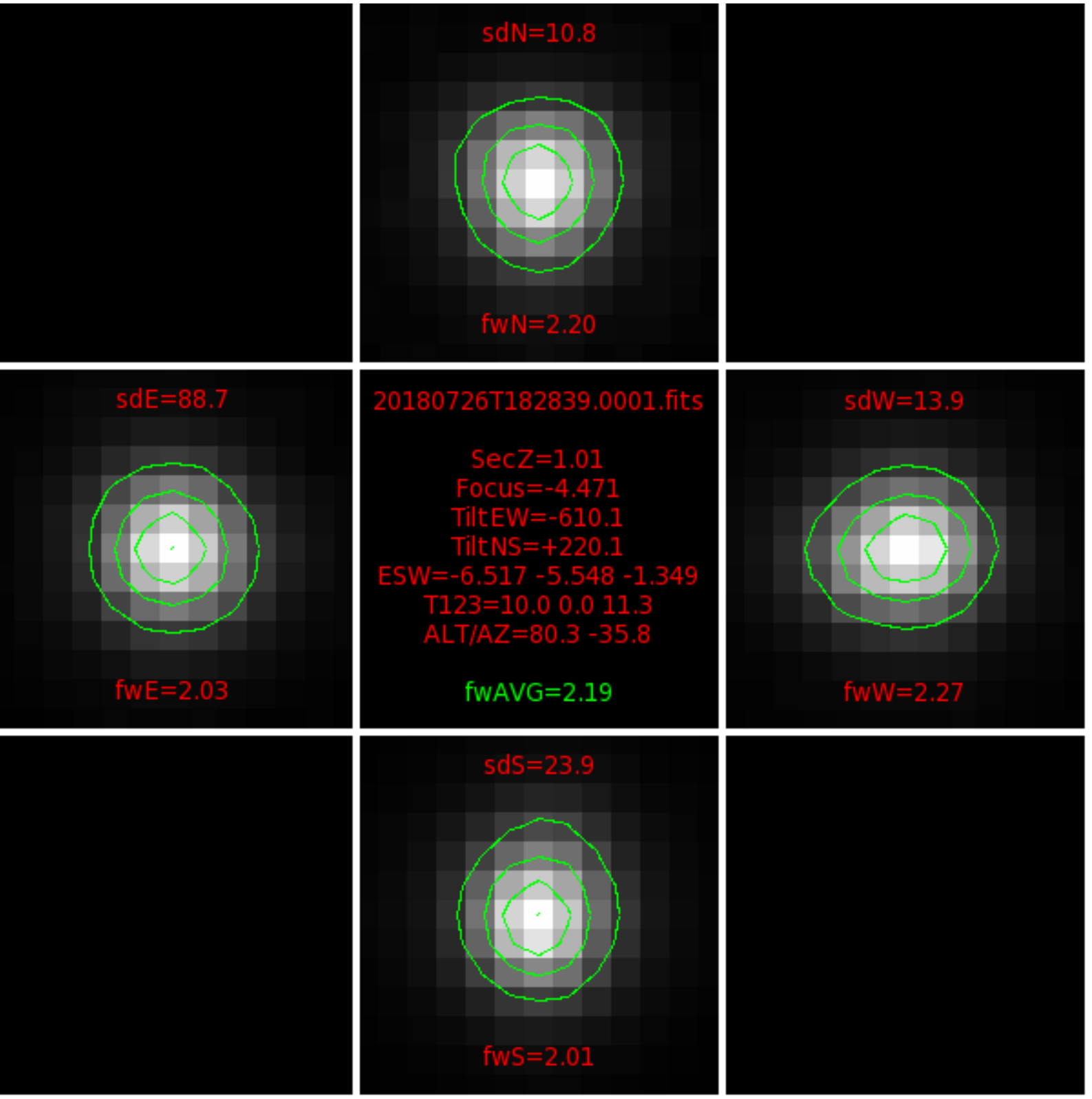

sdN=37.5
fwN=1.72
sdE=227.0
fwE=1.65
20180726T182316.0001.fits
SecZ=1.01
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.8 9.5 11.2
ALT/AZ=82.9 28.3
fwAVG=1.62
sdW=41.2
fwW=1.55
sdS=18.5
fwS=1.58
0 0 0 0 0 0 0 0 0

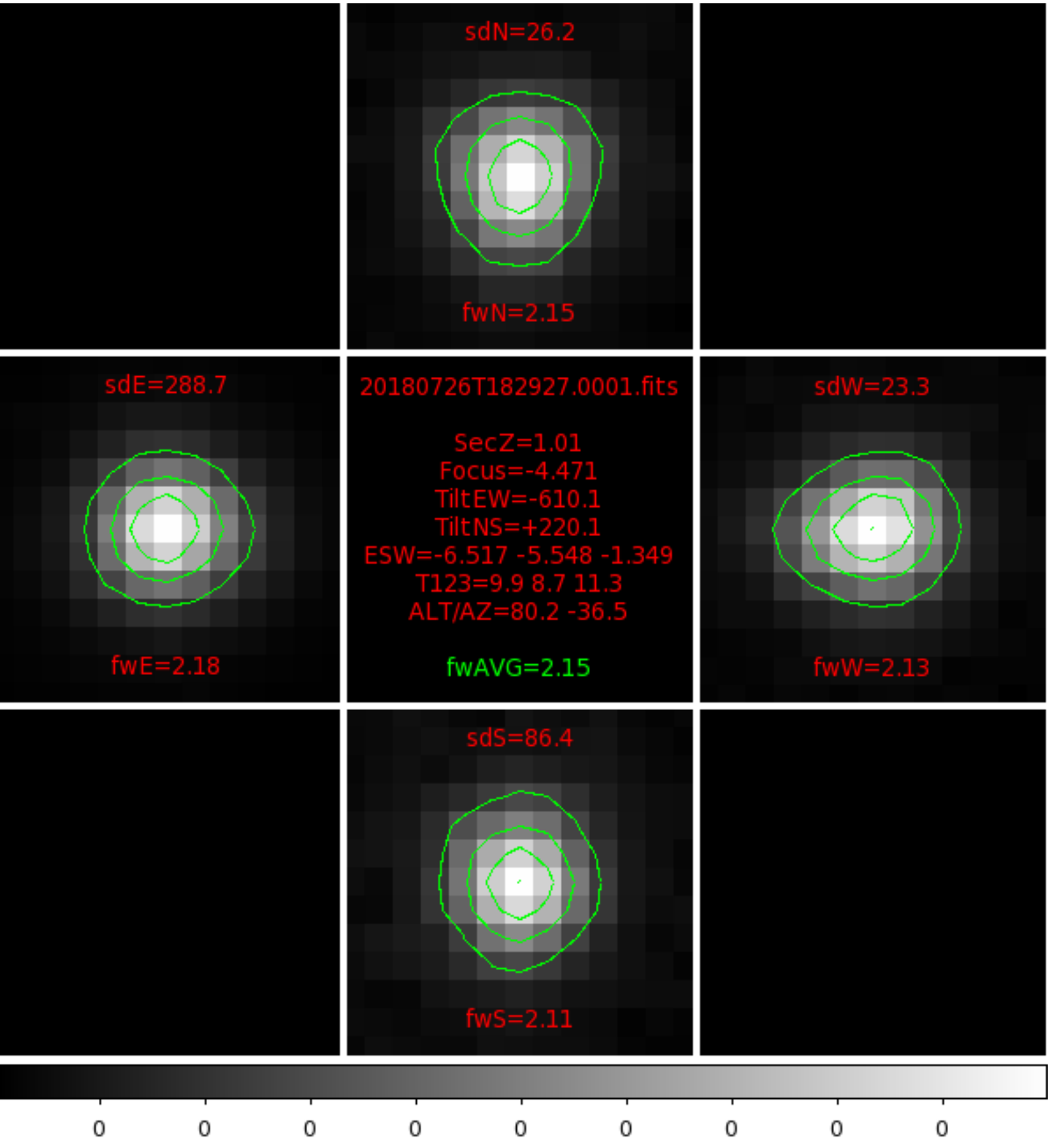

sdN=23.0
fwN=1.64
sdE=165.3
fwE=1.58
20180726T182433.0001.fits
SecZ=1.01
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=9.9 9.1 11.3
ALT/AZ=83.0 26.5
fwAVG=1.60
sdW=32.4
fwW=1.59
sdS=20.4
fwS=1.53
0 0 0 0 0 0 0 0 0

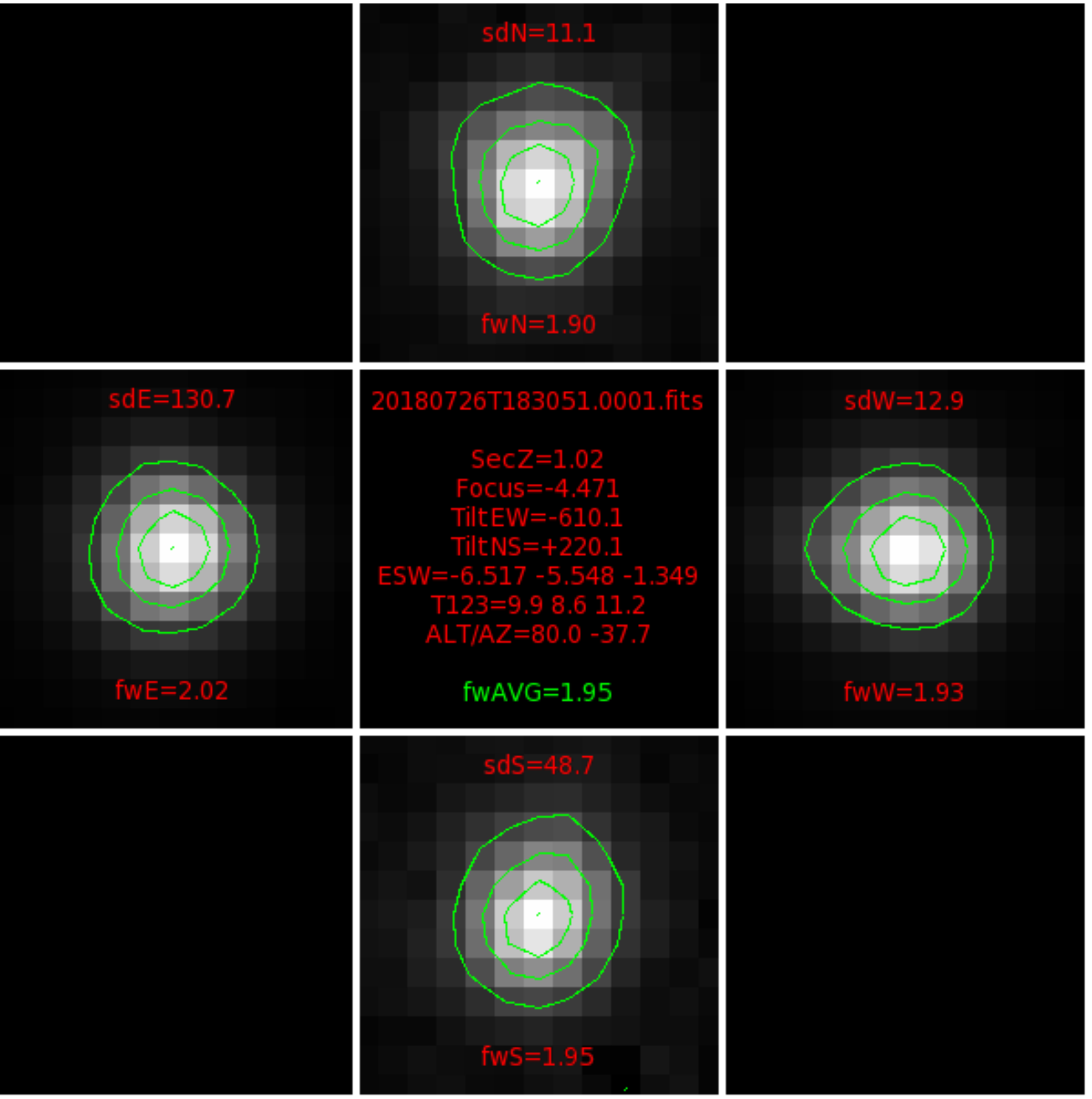

sdN=75.7
fwN=1.83
sdE=395.6
fwE=1.67
20180726T182523.0001.fits
SecZ=1.01
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=9.9 8.9 11.3
ALT/AZ=83.1 25.3
fwAVG=1.73
sdW=132.2
fwW=1.71
sdS=65.4
fwS=1.64
0 0 0 0 0 0 0 0 0

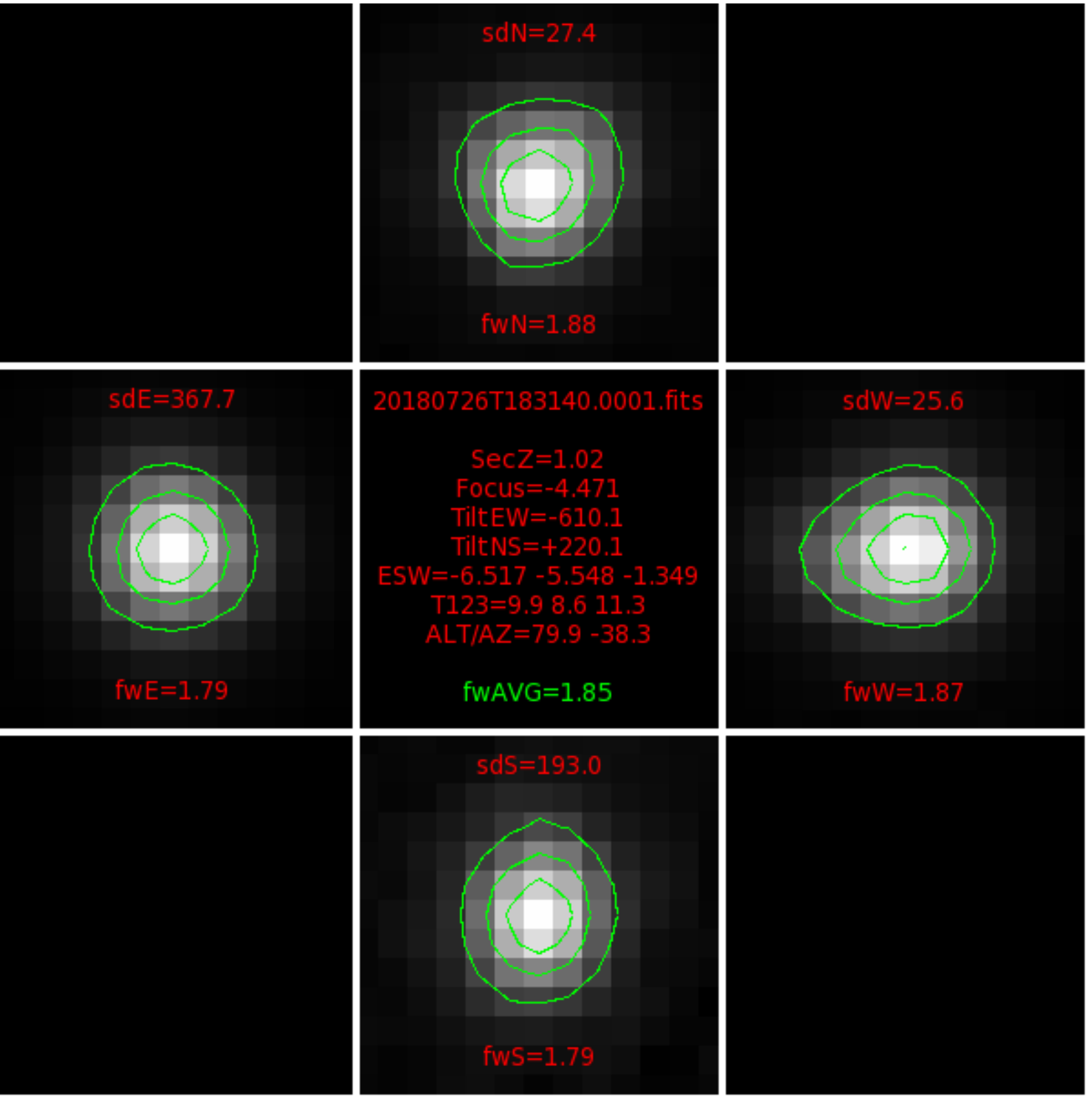

sdN=40.8
fwN=1.62
sdE=222.9
fwE=1.67
20180726T182642.0001.fits
SecZ=1.01
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=10.0 8.8 11.3
ALT/AZ=83.2 23.3
fwAVG=1.66
sdW=45.2
fwW=1.68
sdS=31.1
fwS=1.74
0 0 0 0 0 0 0 0 0

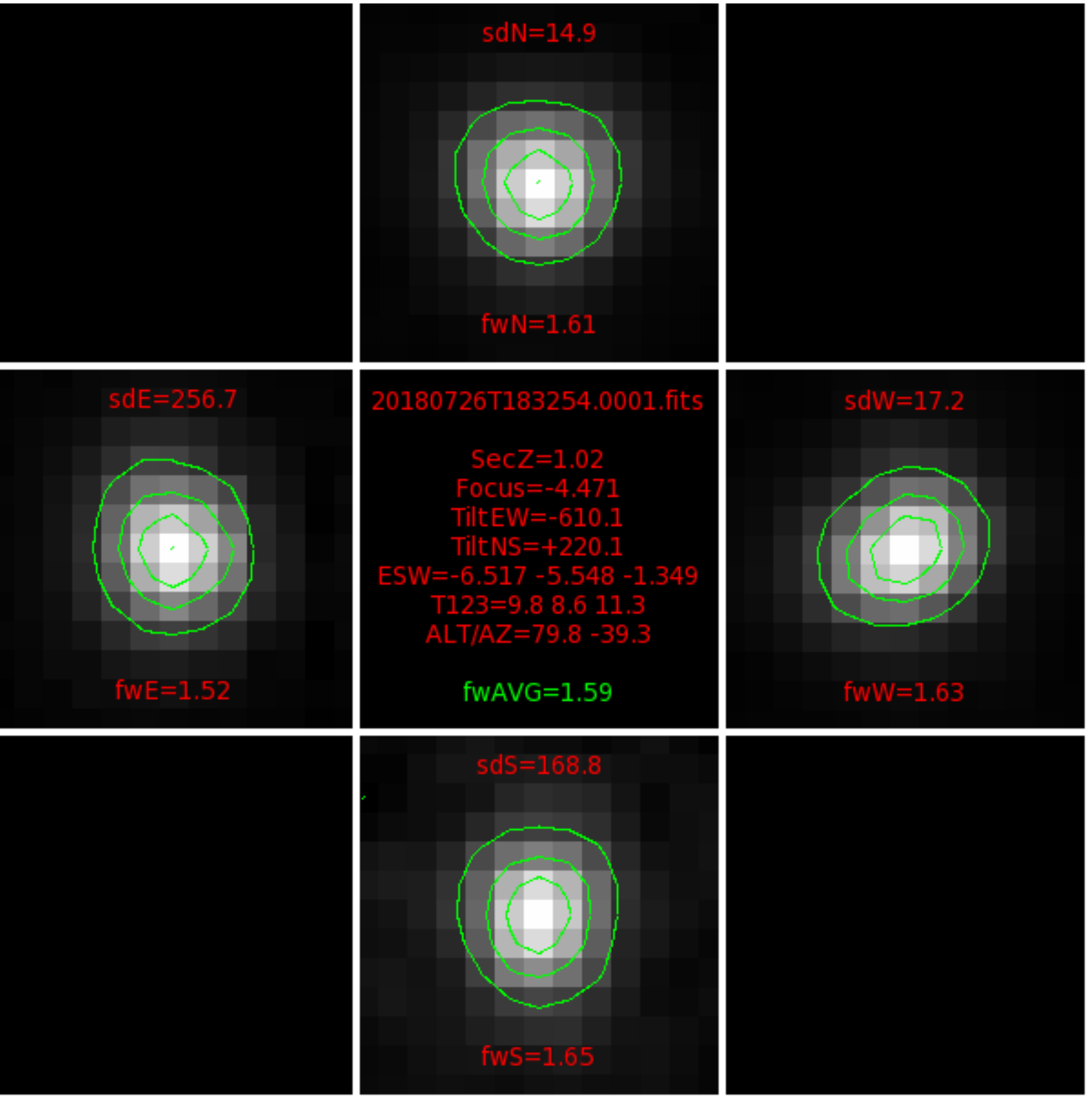

sdN=156.9
fwN=1.65
sdE=506.4
fwE=1.69
20180726T182731.0001.fits
SecZ=1.01
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=10.0 0.0 11.3
ALT/AZ=83.3 22.1
fwAVG=1.67
sdW=215.8
fwW=1.66
sdS=121.7
fwS=1.68
0 0 0 0 0 0 0 0 0

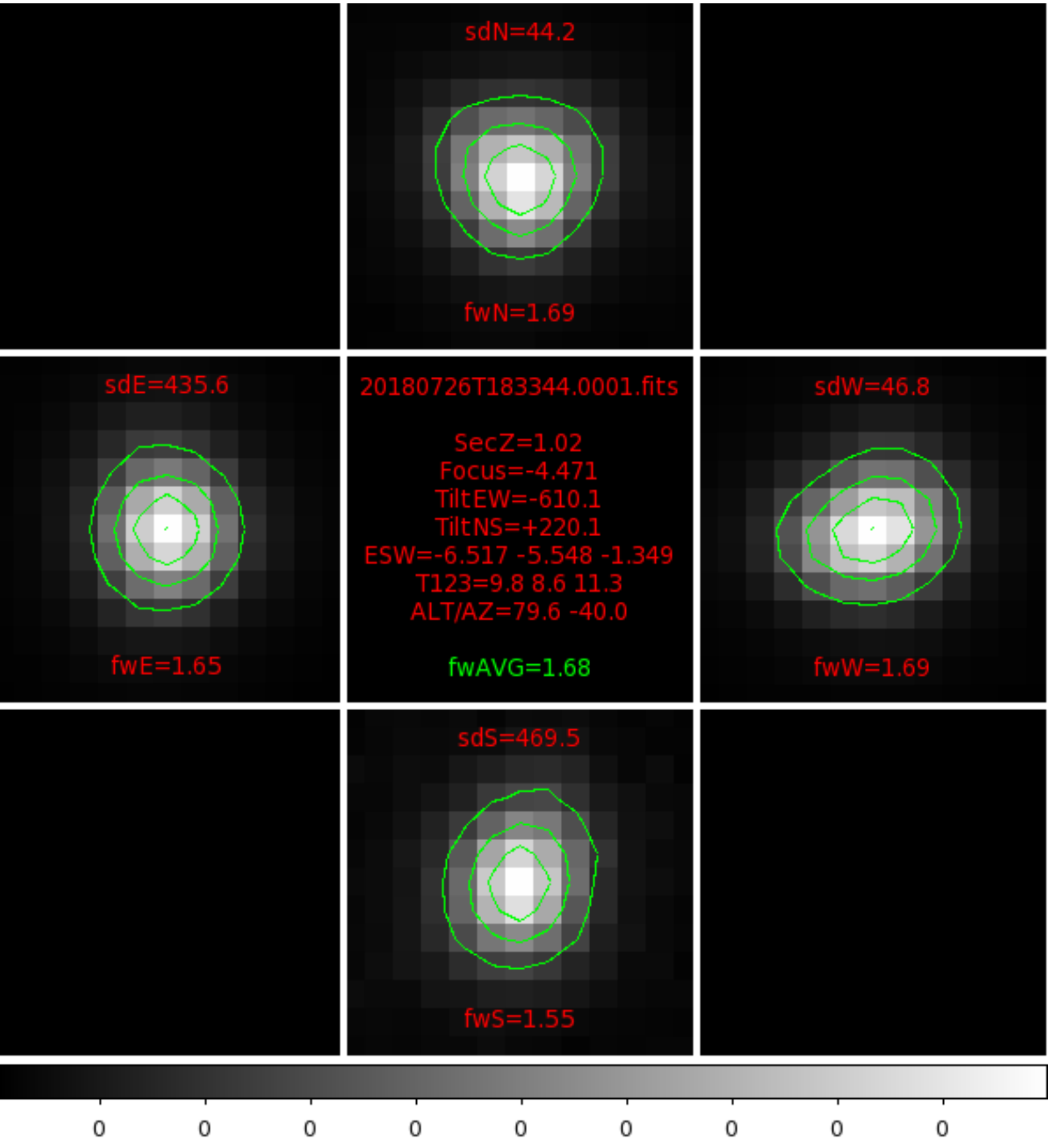

sdN=10.8
fwN=2.20
sdE=88.7
fwE=2.03
20180726T182839.0001.fits
SecZ=1.01
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=10.0 0.0 11.3
ALT/AZ=80.3 -35.8
fwAVG=2.19
sdW=13.9
fwW=2.27
sdS=23.9
fwS=2.01
0 0 0 0 0 0 0 0 0

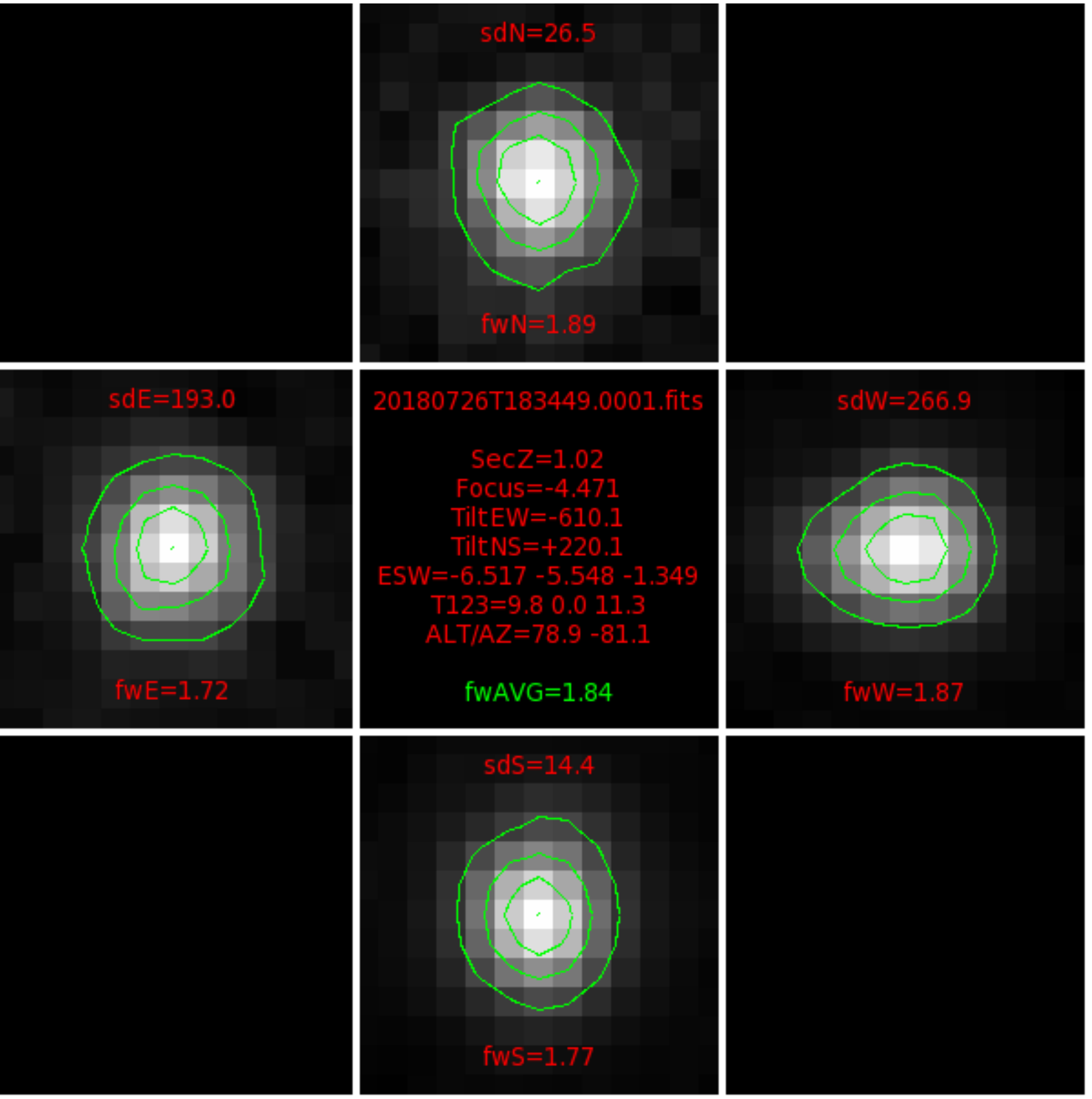

sdN=26.2
fwN=2.15
sdE=288.7
fwE=2.18
20180726T182927.0001.fits
SecZ=1.01
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.9 8.7 11.3
ALT/AZ=80.2 -36.5
fwAVG=2.15
sdW=23.3
fwW=2.13
sdS=86.4
fwS=2.11
0 0 0 0 0 0 0 0 0

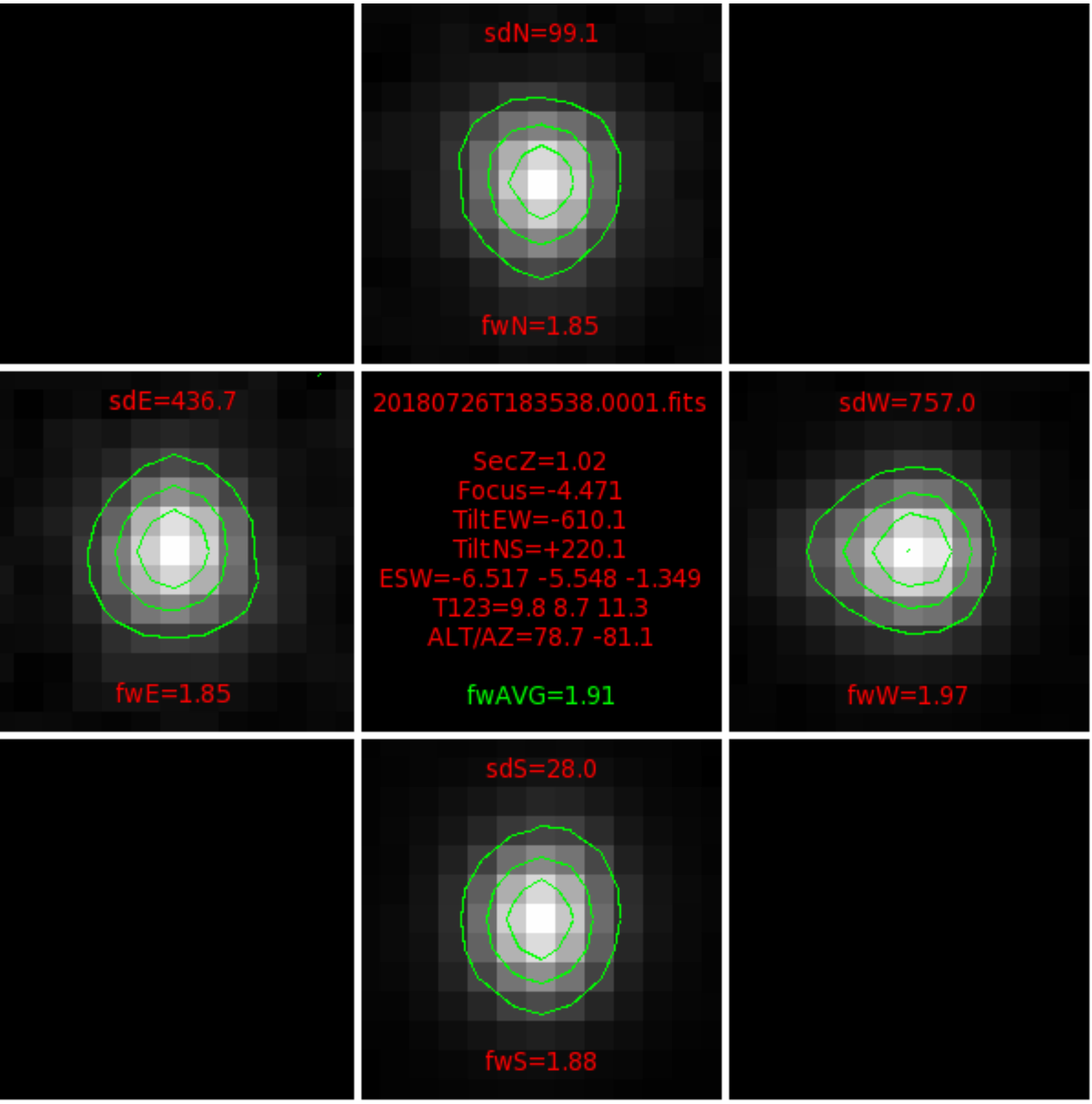

sdN=11.1
fwN=1.90
sdE=130.7
fwE=2.02
20180726T183051.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.9 8.6 11.2
ALT/AZ=80.0 -37.7
fwAVG=1.95
sdW=12.9
fwW=1.93
sdS=48.7
fwS=1.95
0 0 0 0 0 0 0 0 0

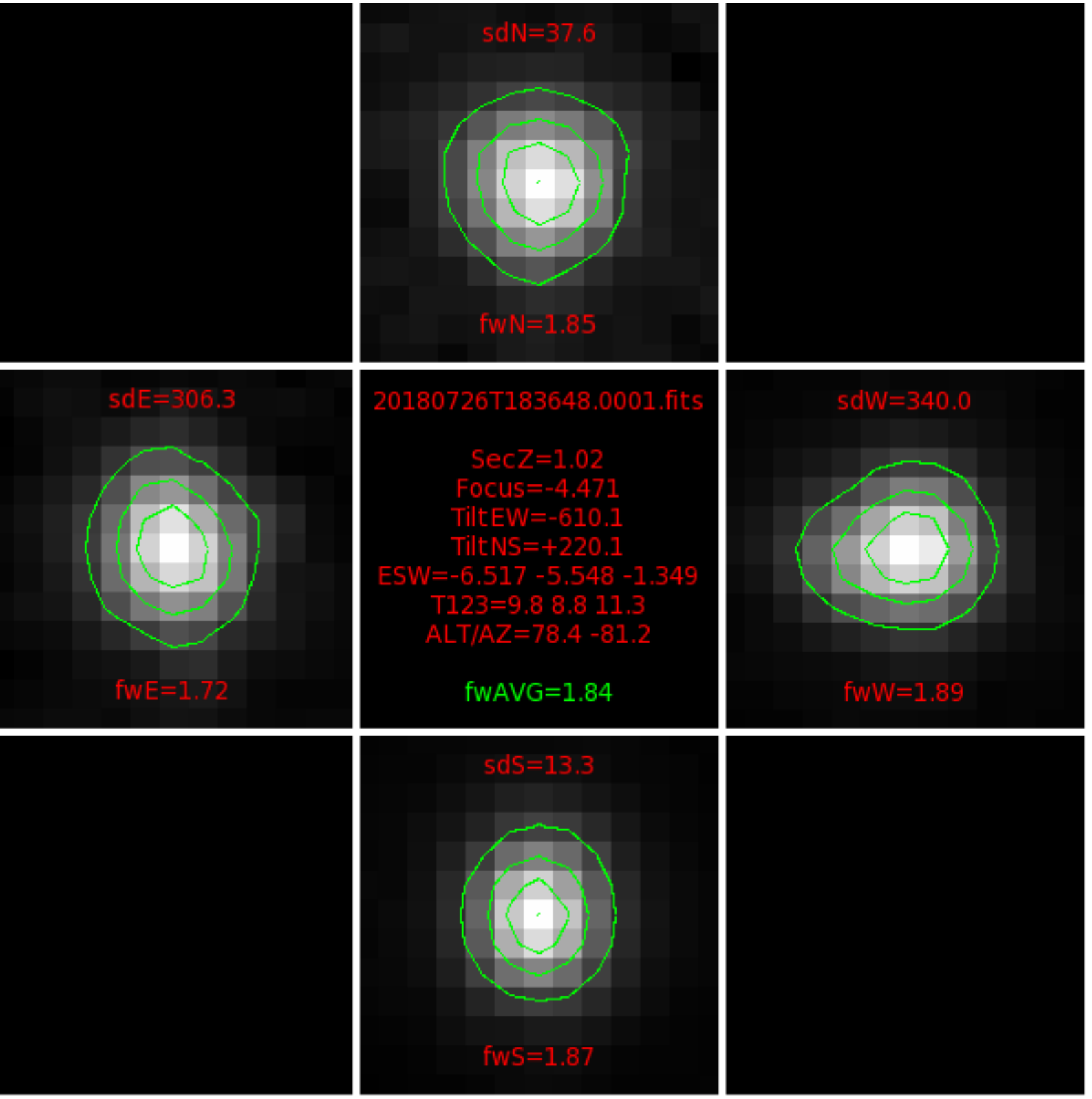

sdN=27.4
fwN=1.88
sdE=367.7
fwE=1.79
20180726T183140.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.9 8.6 11.3
ALT/AZ=79.9 -38.3
fwAVG=1.85
sdW=25.6
fwW=1.87
sdS=193.0
fwS=1.79
0 0 0 0 0 0 0 0 0

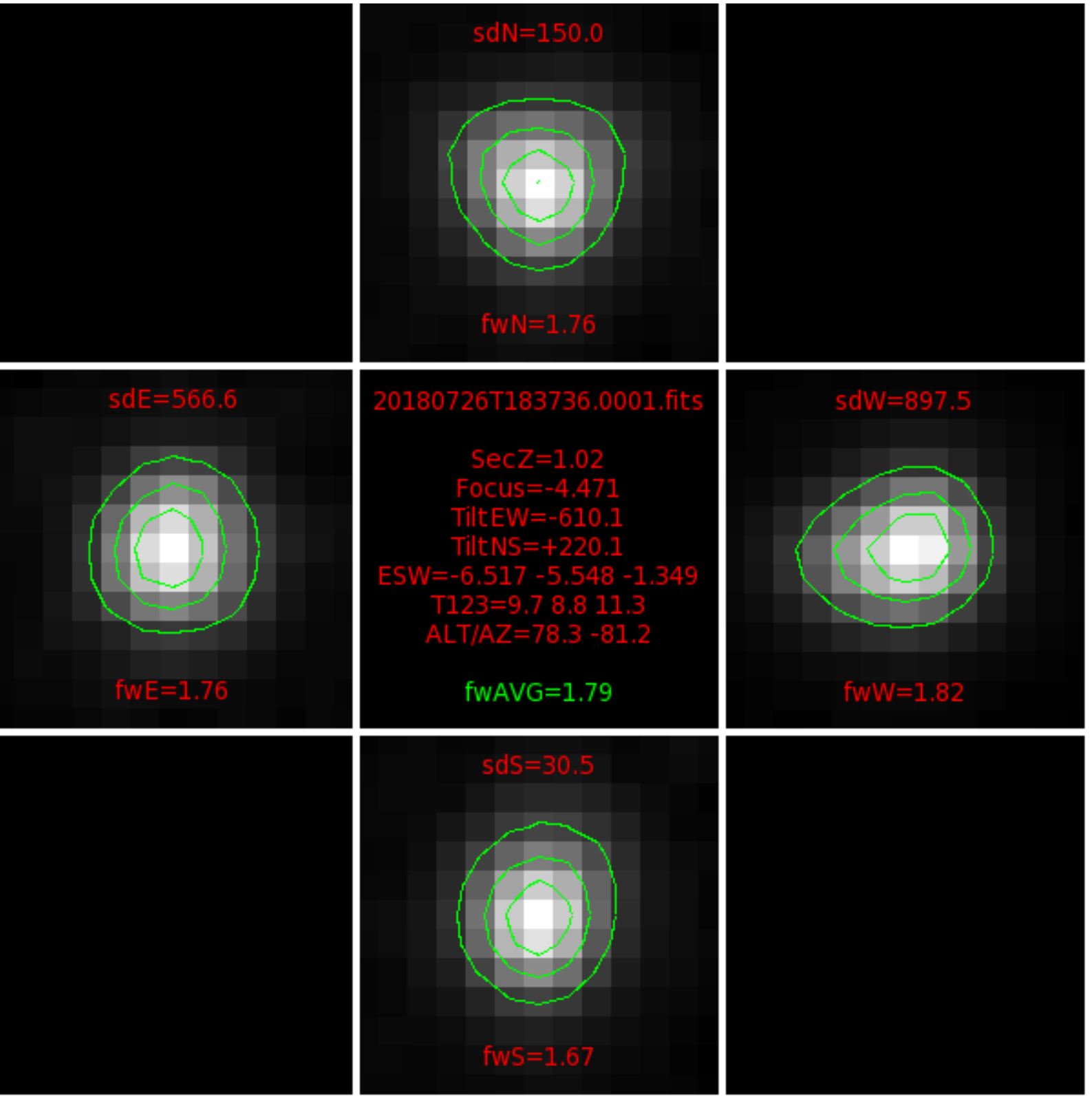

sdN=14.9
fwN=1.61
sdE=256.7
fwE=1.52
20180726T183254.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.8 8.6 11.3
ALT/AZ=79.8 -39.3
fwAVG=1.59
sdW=17.2
fwW=1.63
sdS=168.8
fwS=1.65
0 0 0 0 0 0 0 0 0

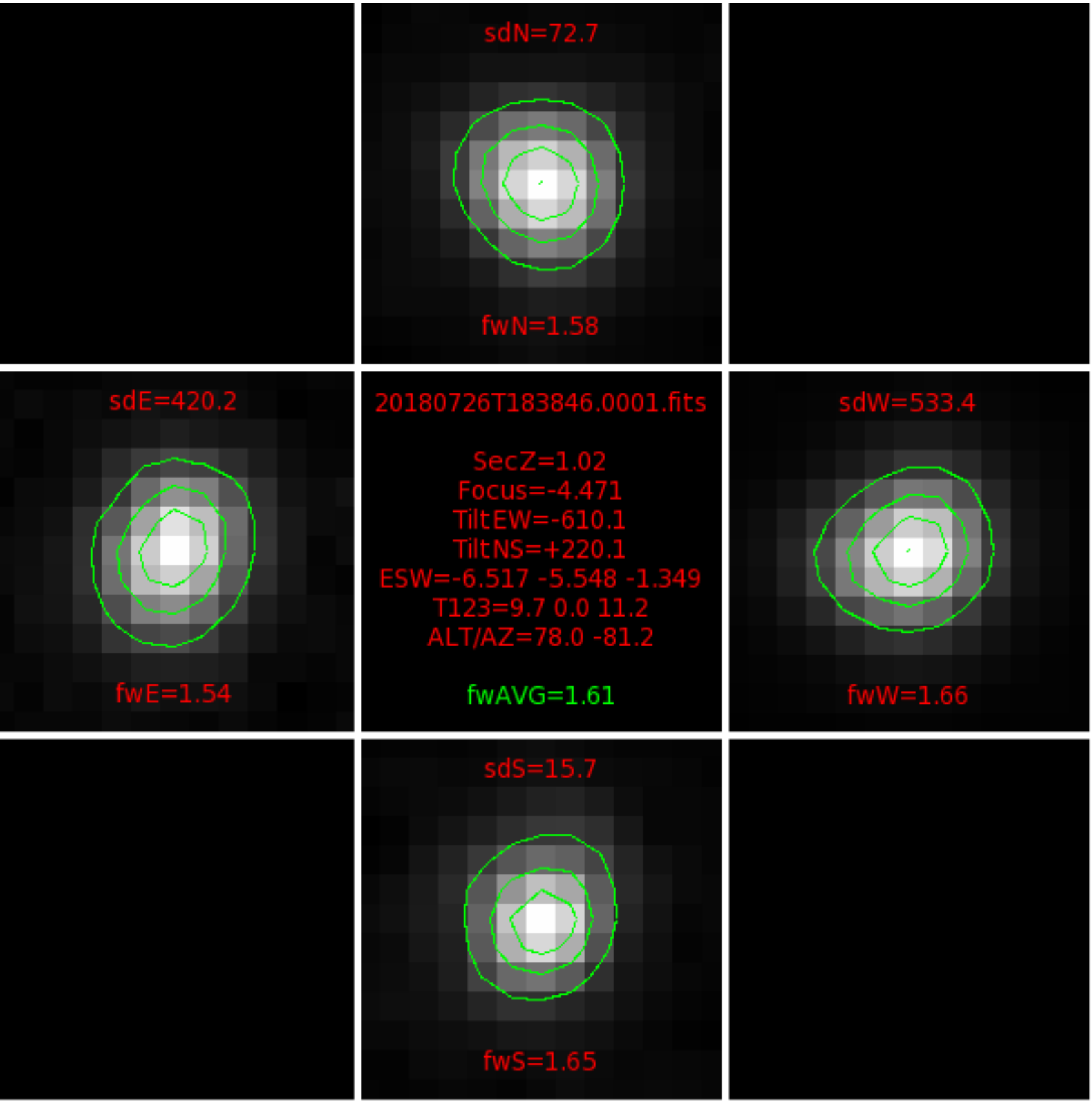

sdN=44.2
fwN=1.69
sdE=435.6
fwE=1.65
20180726T183344.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.8 8.6 11.3
ALT/AZ=79.6 -40.0
fwAVG=1.68
sdW=46.8
fwW=1.69
sdS=469.5
fwS=1.55
0 0 0 0 0 0 0 0 0

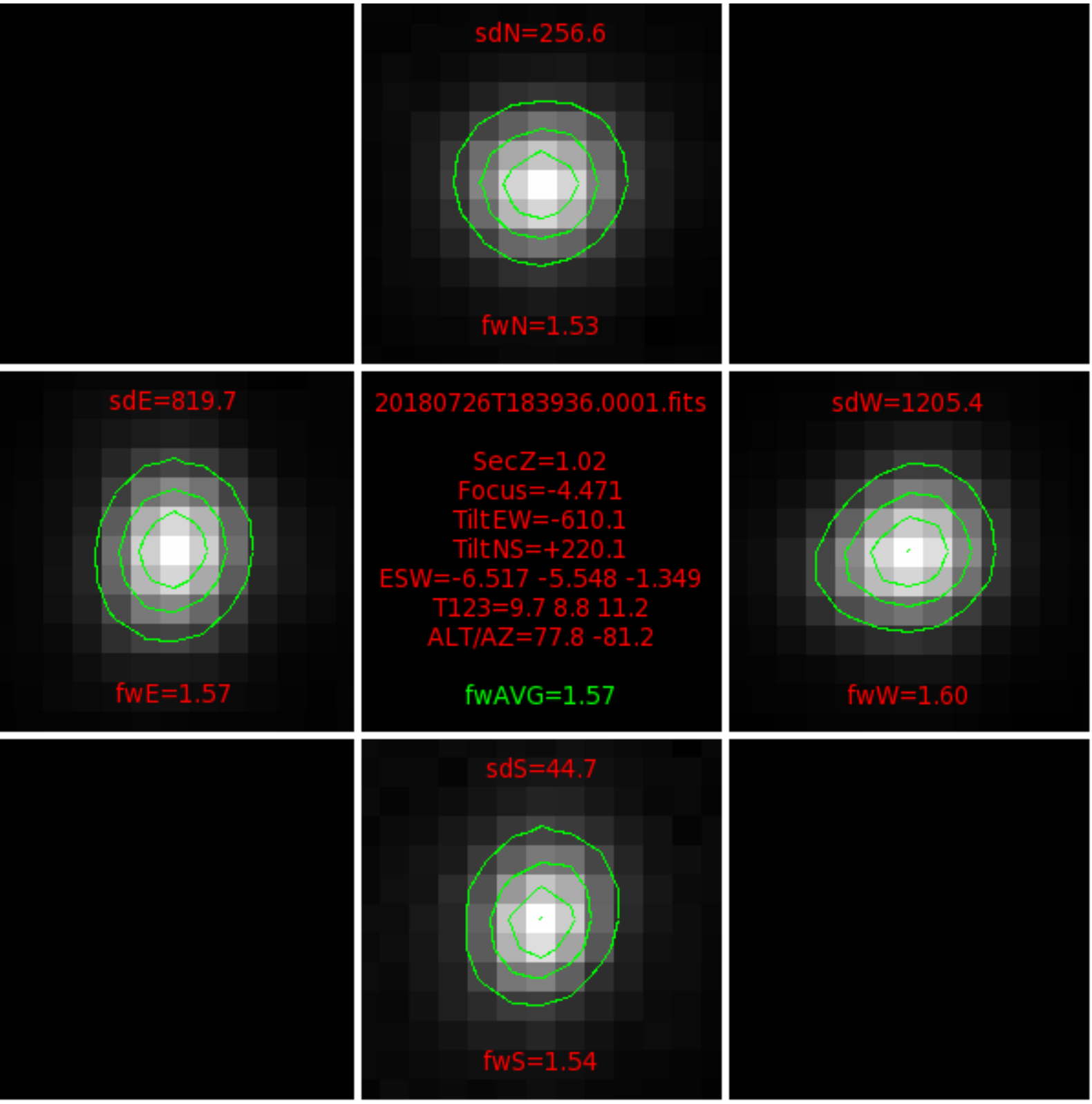

sdN=26.5
fwN=1.89
sdE=193.0
fwE=1.72
20180726T183449.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.8 0.0 11.3
ALT/AZ=78.9 -81.1
fwAVG=1.84
sdW=266.9
fwW=1.87
sdS=14.4
fwS=1.77
0 0 0 0 0 0 0 0 0

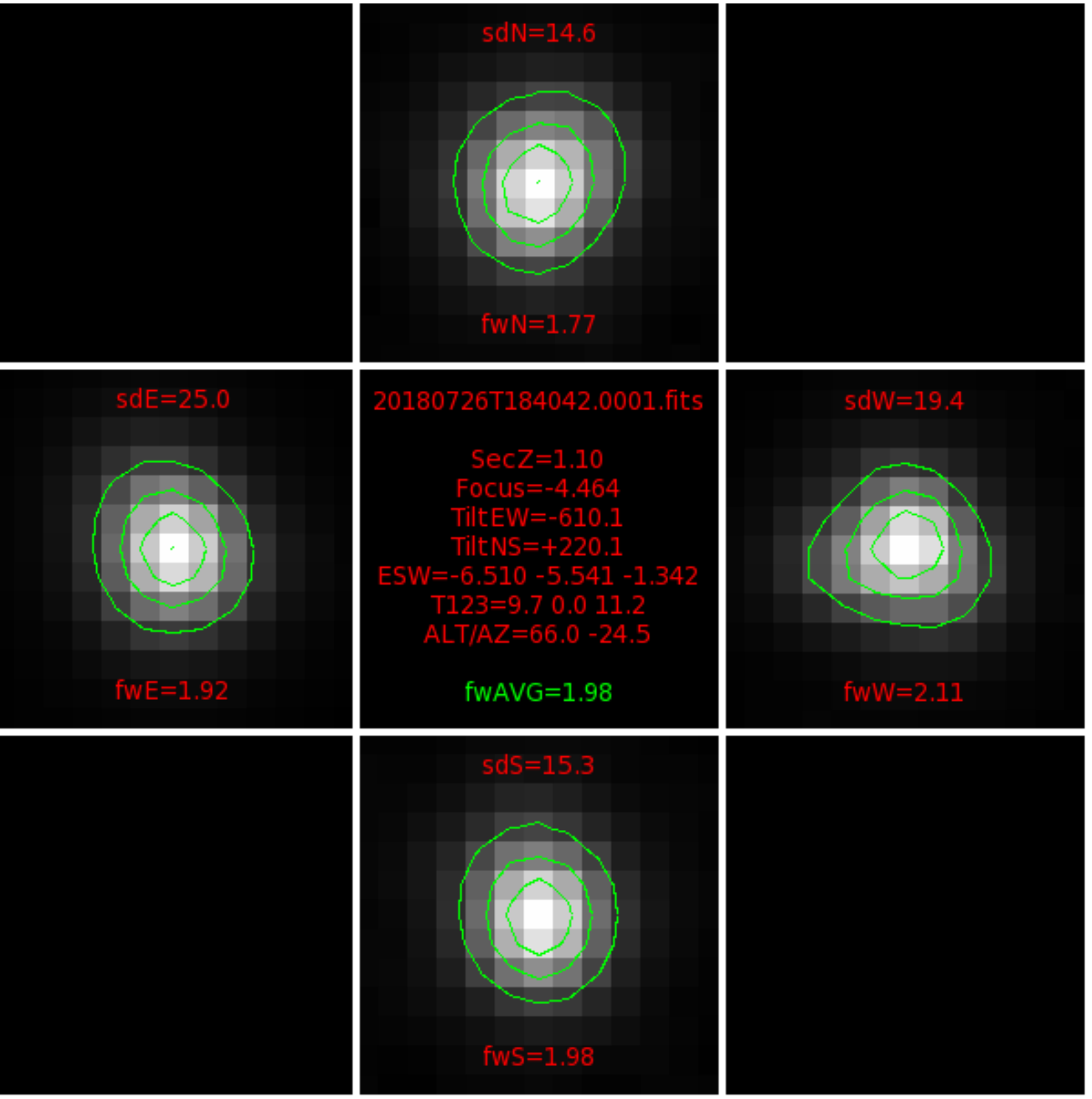

sdN=99.1
fwN=1.85
sdE=436.7
fwE=1.85
20180726T183538.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.8 8.7 11.3
ALT/AZ=78.7 -81.1
fwAVG=1.91
sdW=757.0
fwW=1.97
sdS=28.0
fwS=1.88
0 0 0 0 0 0 0 0 0

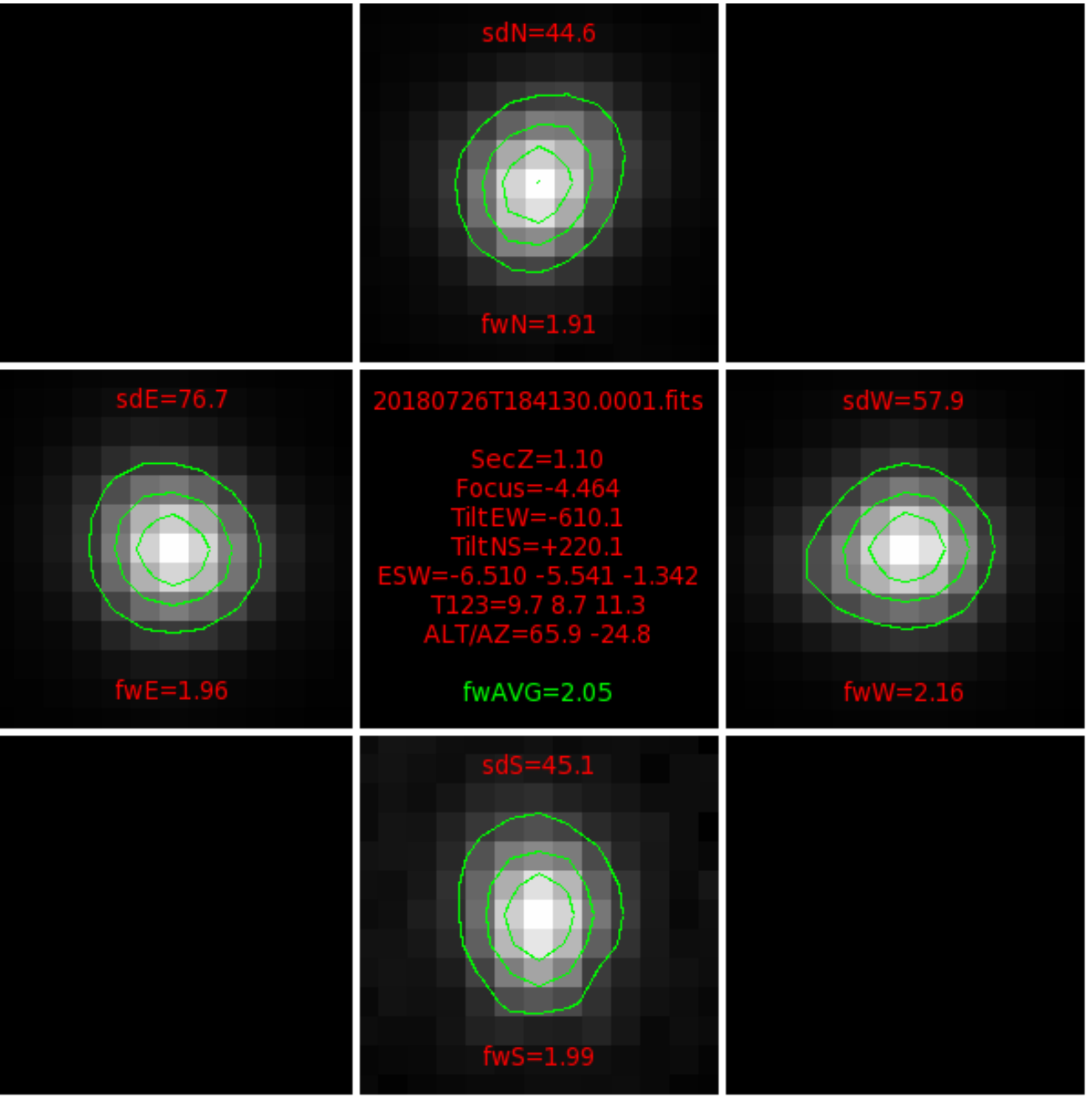

sdN=37.6
fwN=1.85
sdE=306.3
fwE=1.72
20180726T183648.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.8 8.8 11.3
ALT/AZ=78.4 -81.2
fwAVG=1.84
sdW=340.0
fwW=1.89
sdS=13.3
fwS=1.87
0 0 0 0 0 0 0 0 0

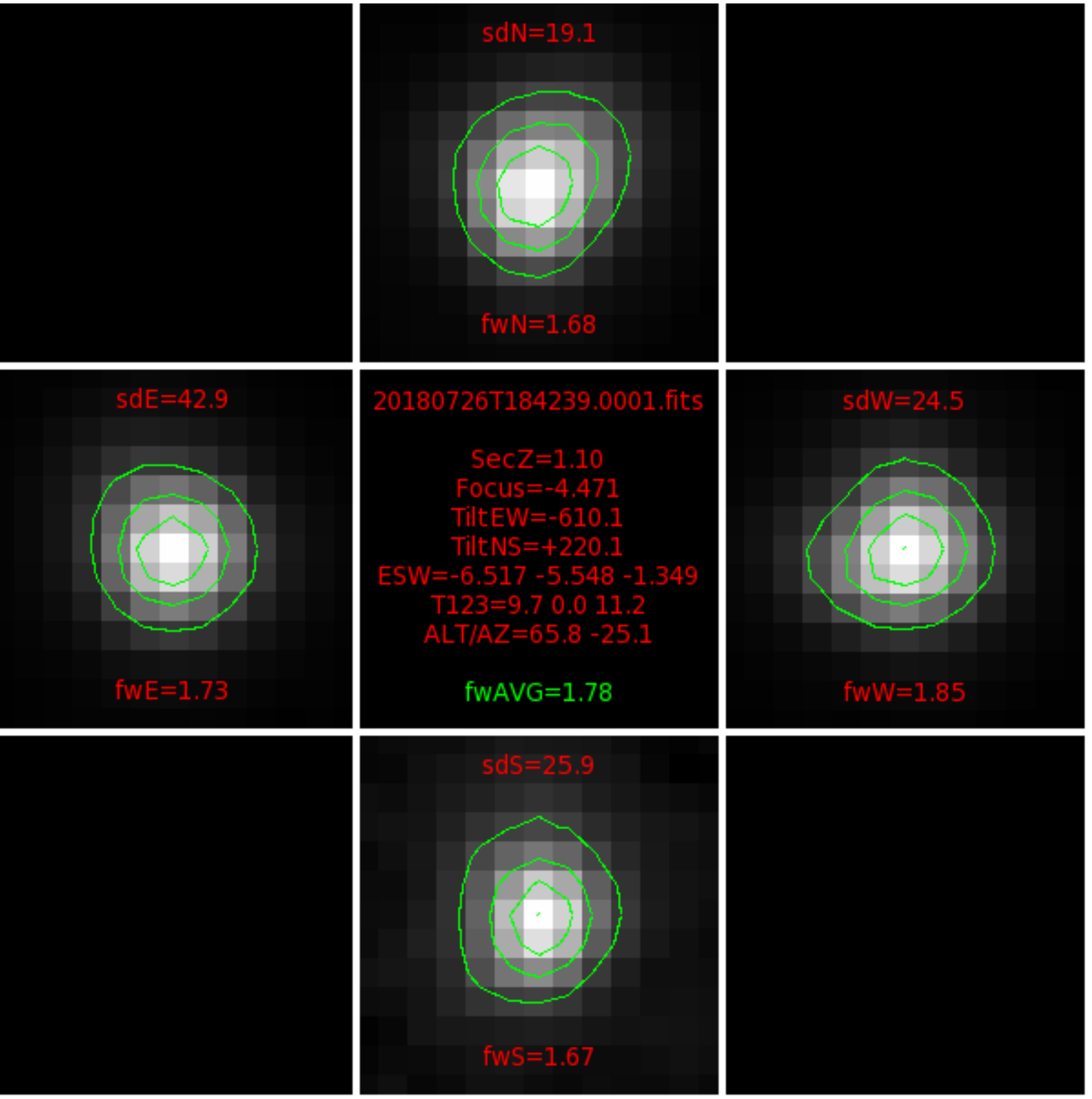

sdN=150.0
fwN=1.76
sdE=566.6
fwE=1.76
20180726T183736.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 8.8 11.3
ALT/AZ=78.3 -81.2
fwAVG=1.79
sdW=897.5
fwW=1.82
sdS=30.5
fwS=1.67
0 0 0 0 0 0 0 0 0

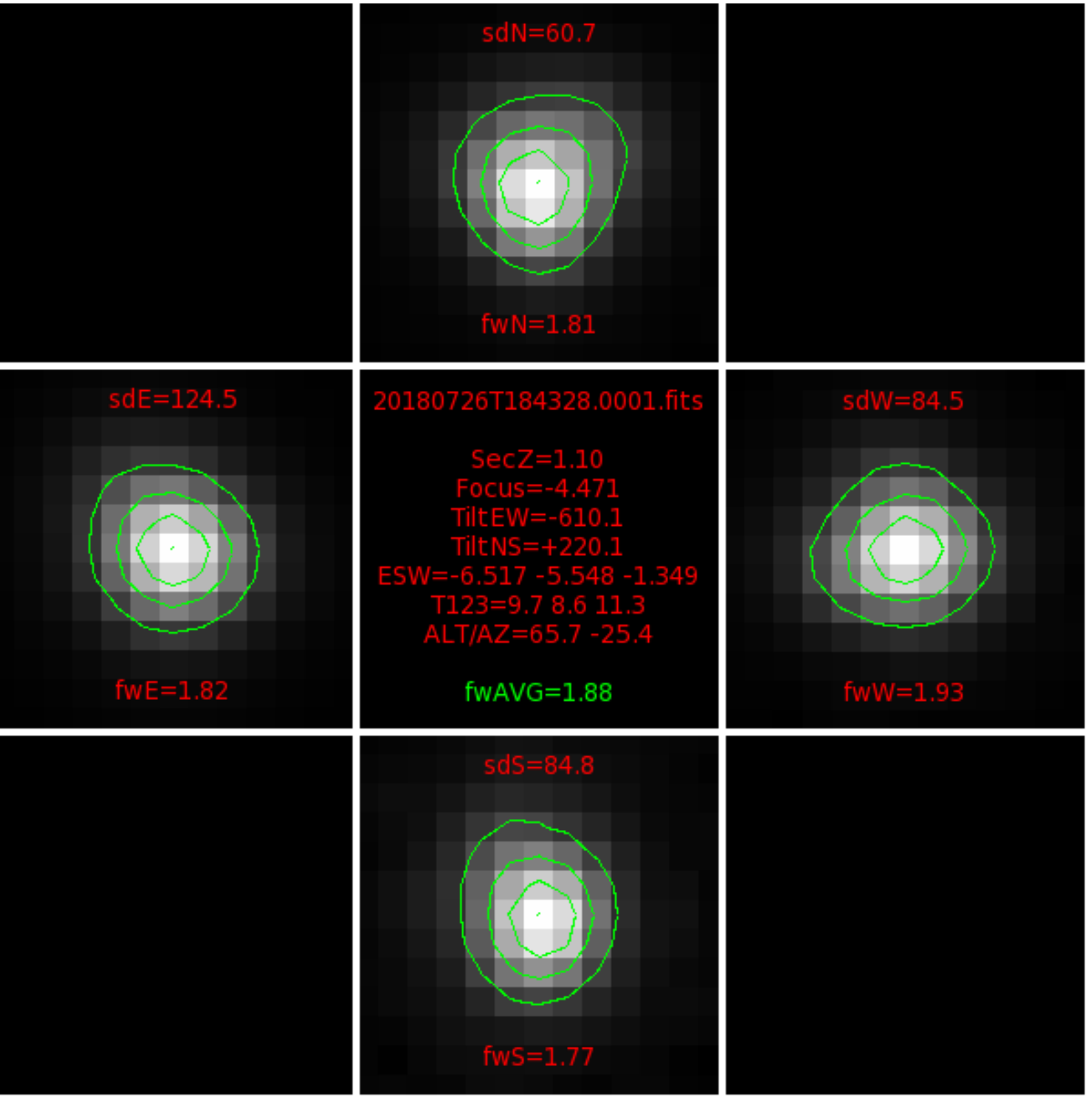

sdN=72.7
fwN=1.58
sdE=420.2
fwE=1.54
20180726T183846.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 0.0 11.2
ALT/AZ=78.0 -81.2
fwAVG=1.61
sdW=533.4
fwW=1.66
sdS=15.7
fwS=1.65
0 0 0 0 0 0 0 0 0

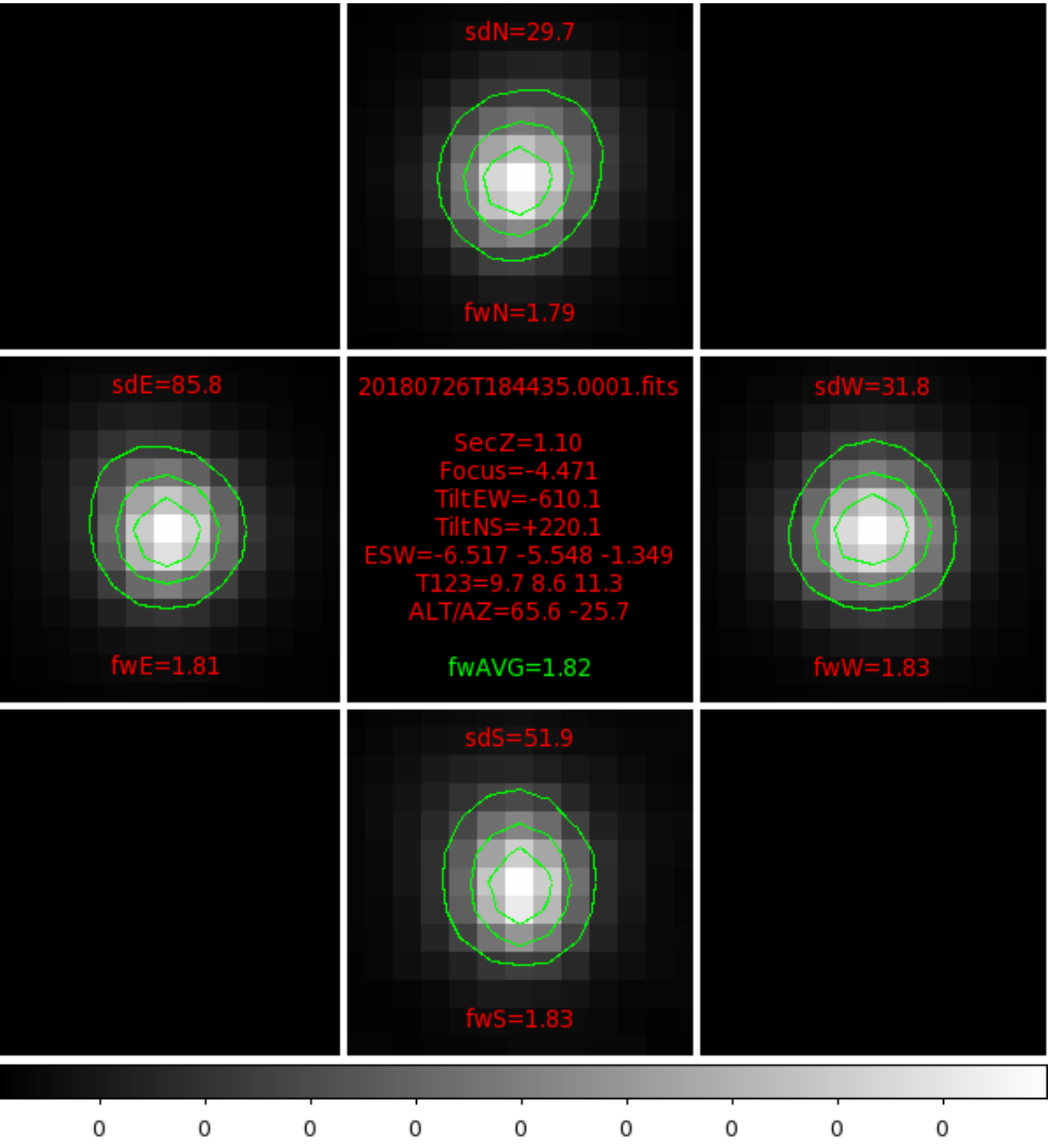

sdN=256.6
fwN=1.53
sdE=819.7
fwE=1.57
20180726T183936.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 8.8 11.2
ALT/AZ=77.8 -81.2
fwAVG=1.57
sdW=1205.4
fwW=1.60
sdS=44.7
fwS=1.54
0 0 0 0 0 0 0 0 0

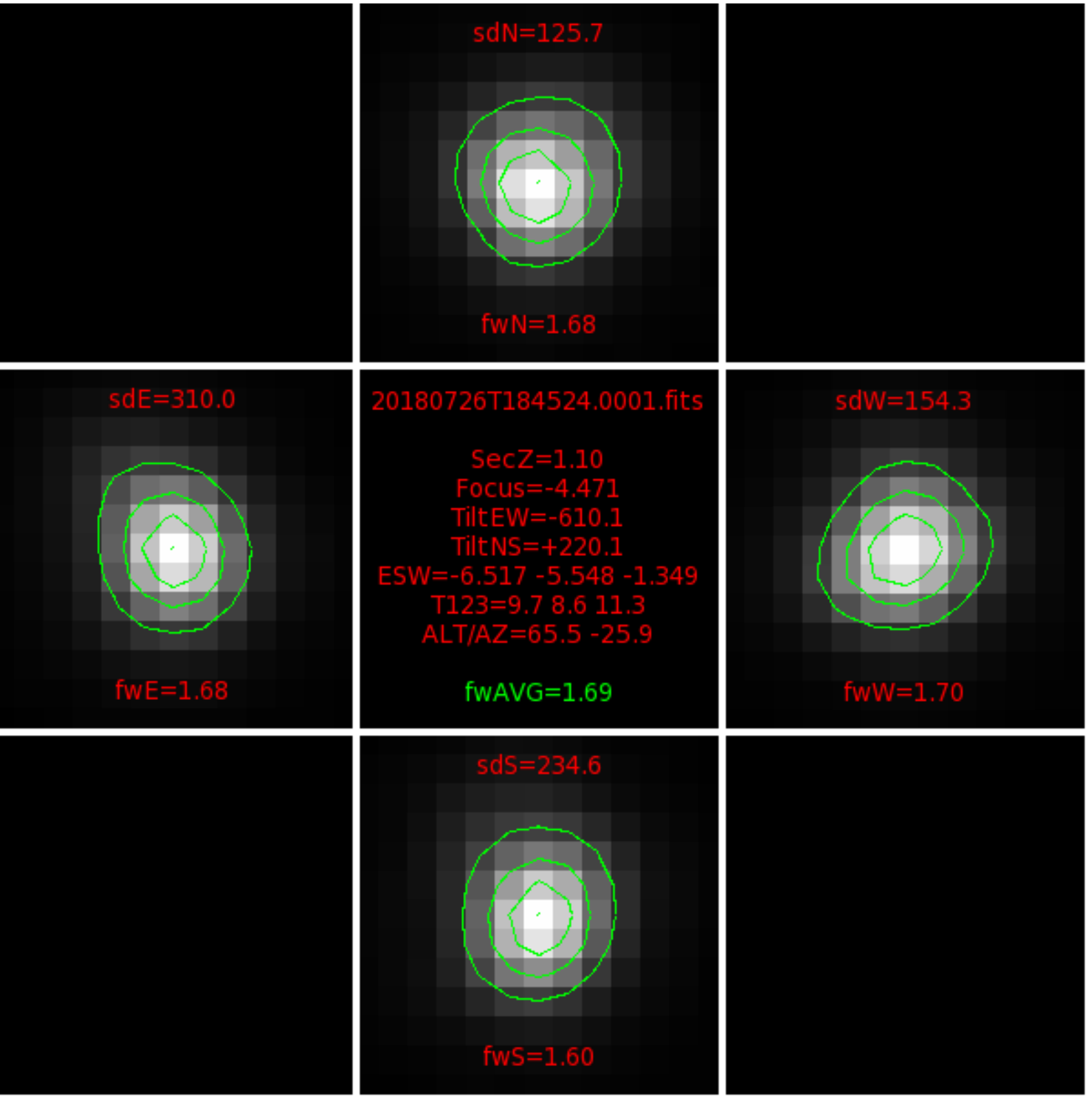

sdN=14.6
fwN=1.77
sdE=25.0
fwE=1.92
20180726T184042.0001.fits
SecZ=1.10
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=9.7 0.0 11.2
ALT/AZ=66.0 -24.5
fwAVG=1.98
sdW=19.4
fwW=2.11
sdS=15.3
fwS=1.98
0 0 0 0 0 0 0 0 0

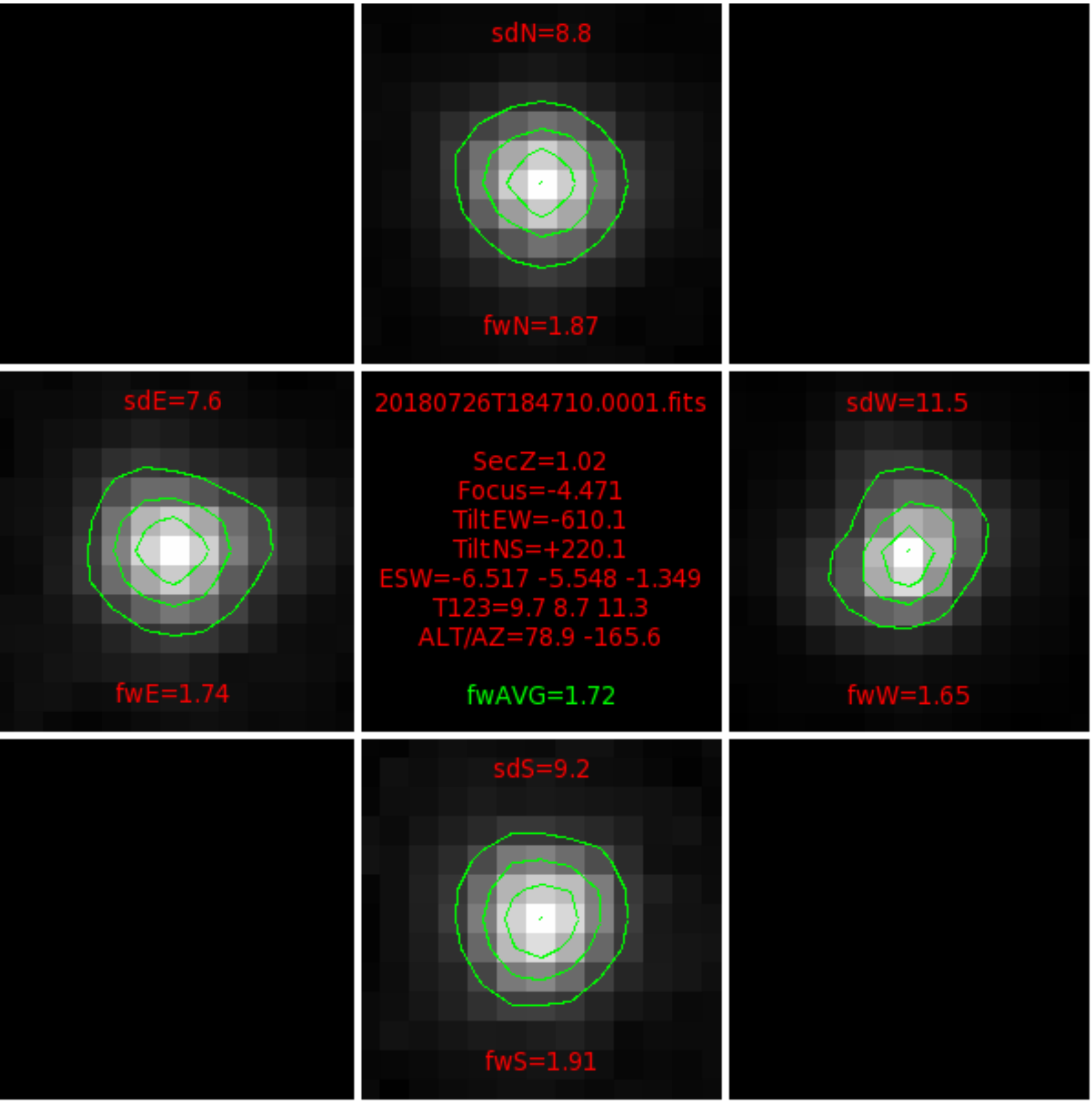

sdN=44.6
fwN=1.91
sdE=76.7
fwE=1.96
20180726T184130.0001.fits
SecZ=1.10
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=9.7 8.7 11.3
ALT/AZ=65.9 -24.8
fwAVG=2.05
sdW=57.9
fwW=2.16
sdS=45.1
fwS=1.99
0 0 0 0 0 0 0 0 0

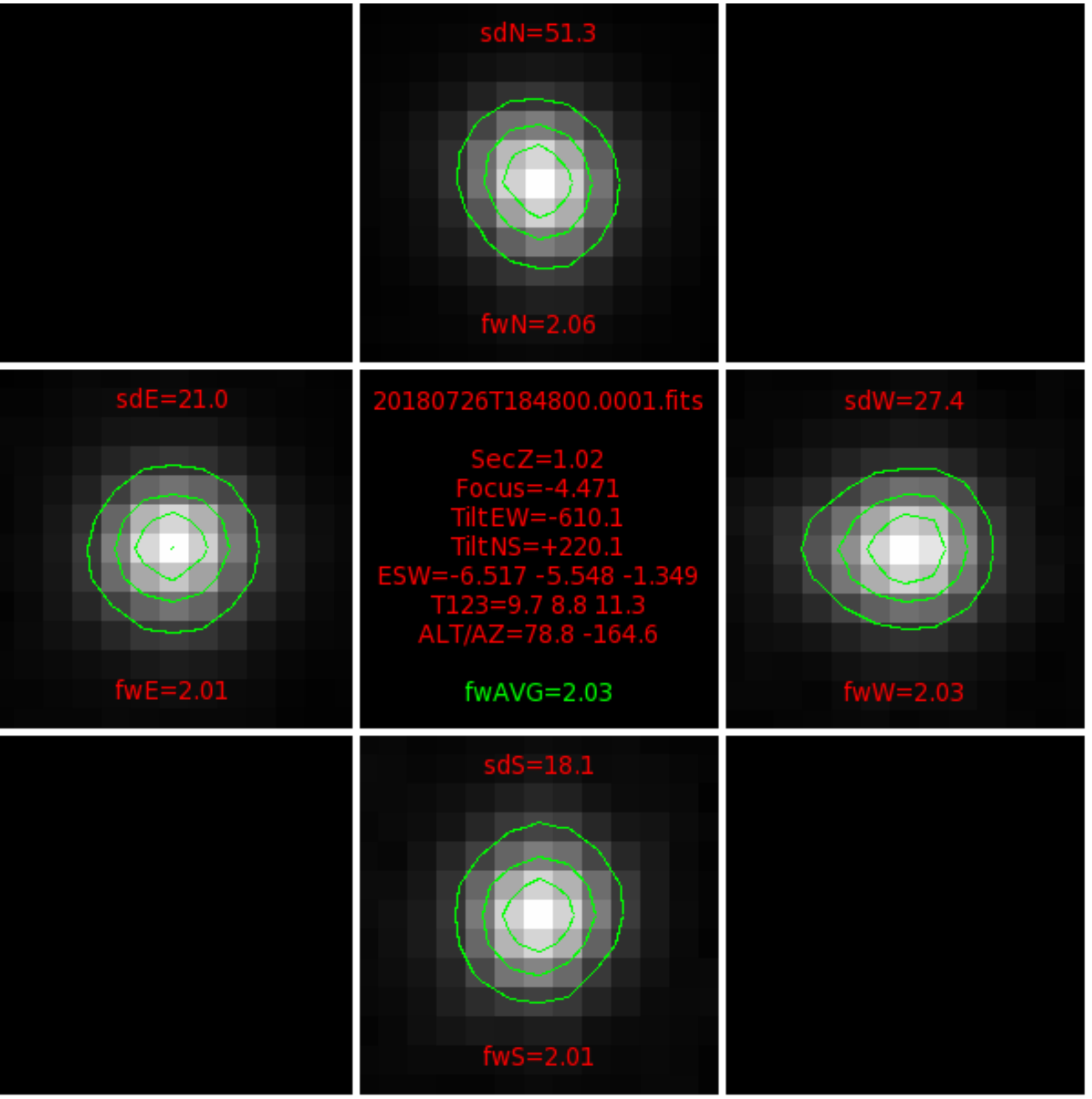

sdN=19.1
fwN=1.68
sdE=42.9
fwE=1.73
20180726T184239.0001.fits
SecZ=1.10
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 0.0 11.2
ALT/AZ=65.8 -25.1
fwAVG=1.78
sdW=24.5
fwW=1.85
sdS=25.9
fwS=1.67
0 0 0 0 0 0 0 0 0

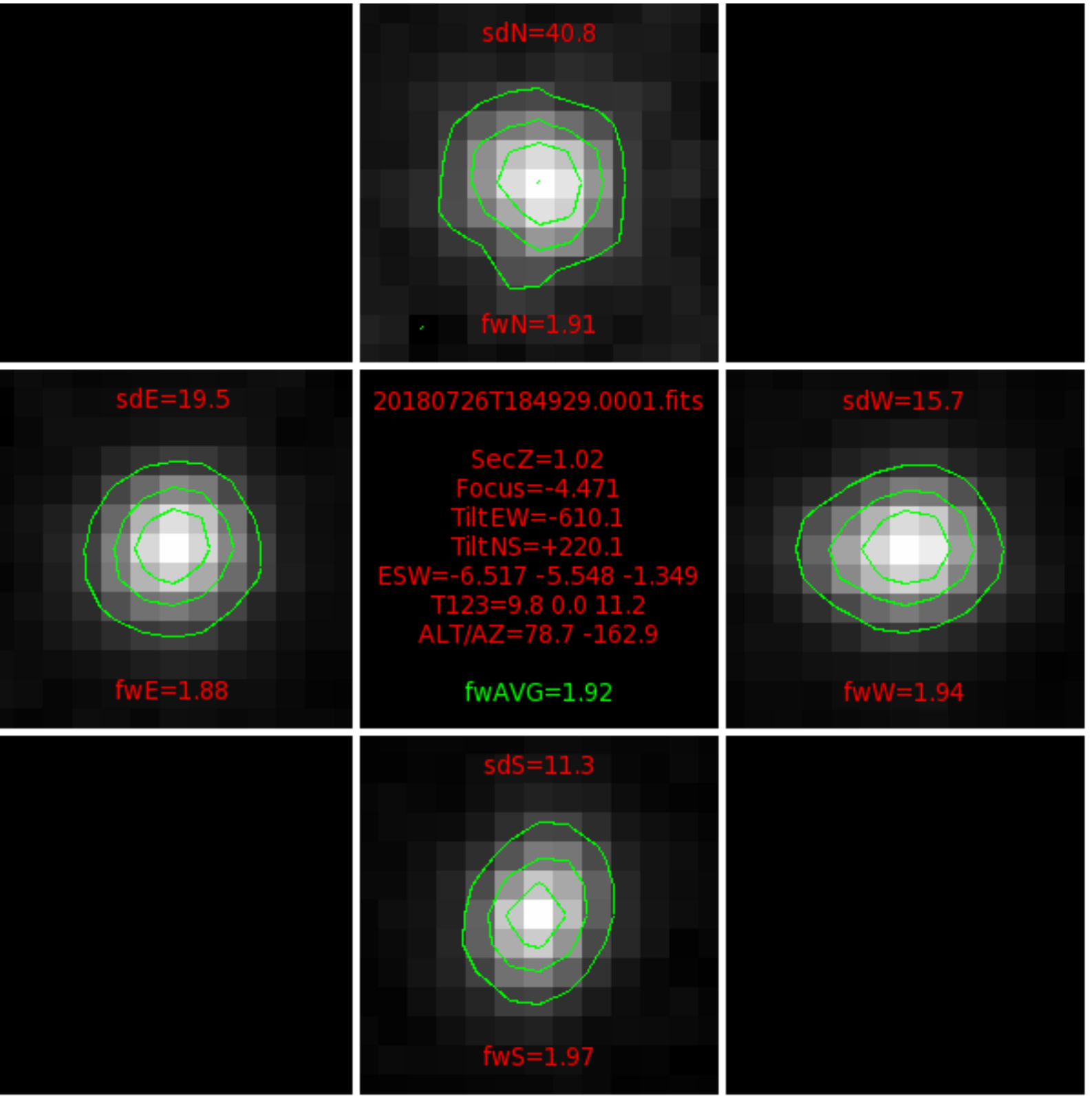

sdN=60.7
fwN=1.81
sdE=124.5
fwE=1.82
20180726T184328.0001.fits
SecZ=1.10
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 8.6 11.3
ALT/AZ=65.7 -25.4
fwAVG=1.88
sdW=84.5
fwW=1.93
sdS=84.8
fwS=1.77
0 0 0 0 0 0 0 0 0

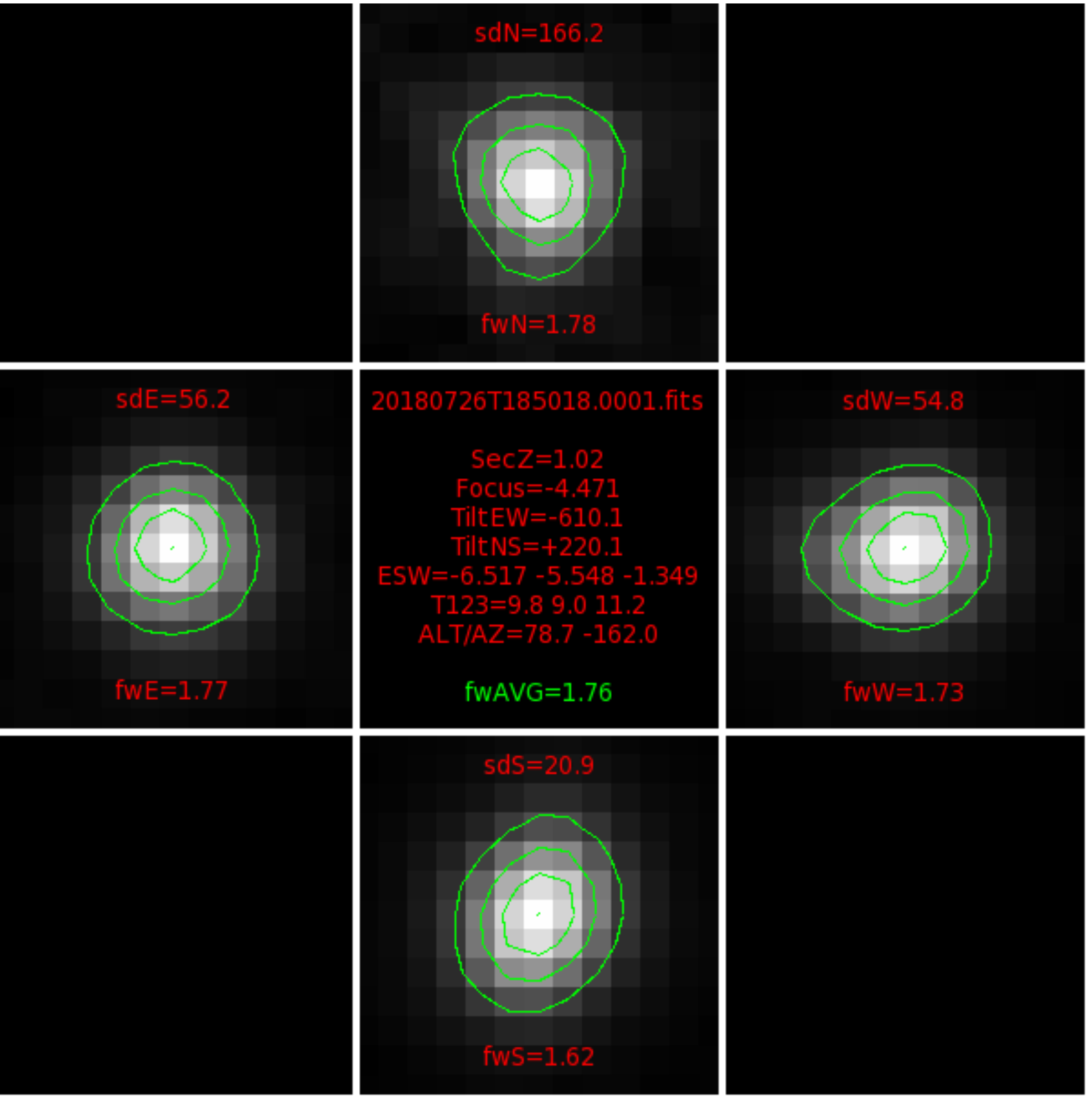

sdN=29.7
fwN=1.79
sdE=85.8
fwE=1.81
20180726T184435.0001.fits
SecZ=1.10
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 8.6 11.3
ALT/AZ=65.6 -25.7
fwAVG=1.82
sdW=31.8
fwW=1.83
sdS=51.9
fwS=1.83
0 0 0 0 0 0 0 0 0

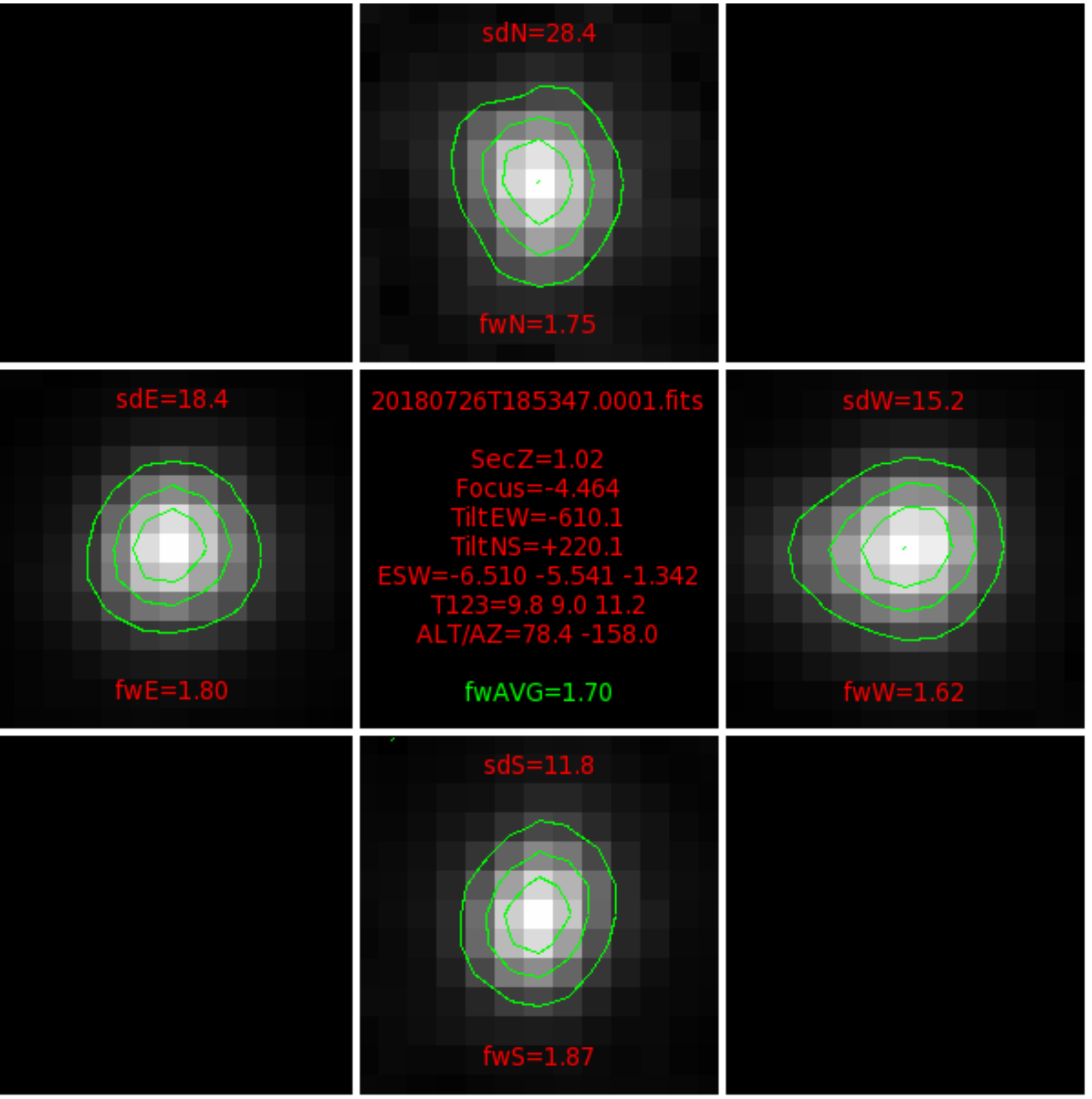

sdN=125.7
fwN=1.68
sdE=310.0
fwE=1.68
20180726T184524.0001.fits
SecZ=1.10
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 8.6 11.3
ALT/AZ=65.5 -25.9
fwAVG=1.69
sdW=154.3
fwW=1.70
sdS=234.6
fwS=1.60
0 0 0 0 0 0 0 0 0

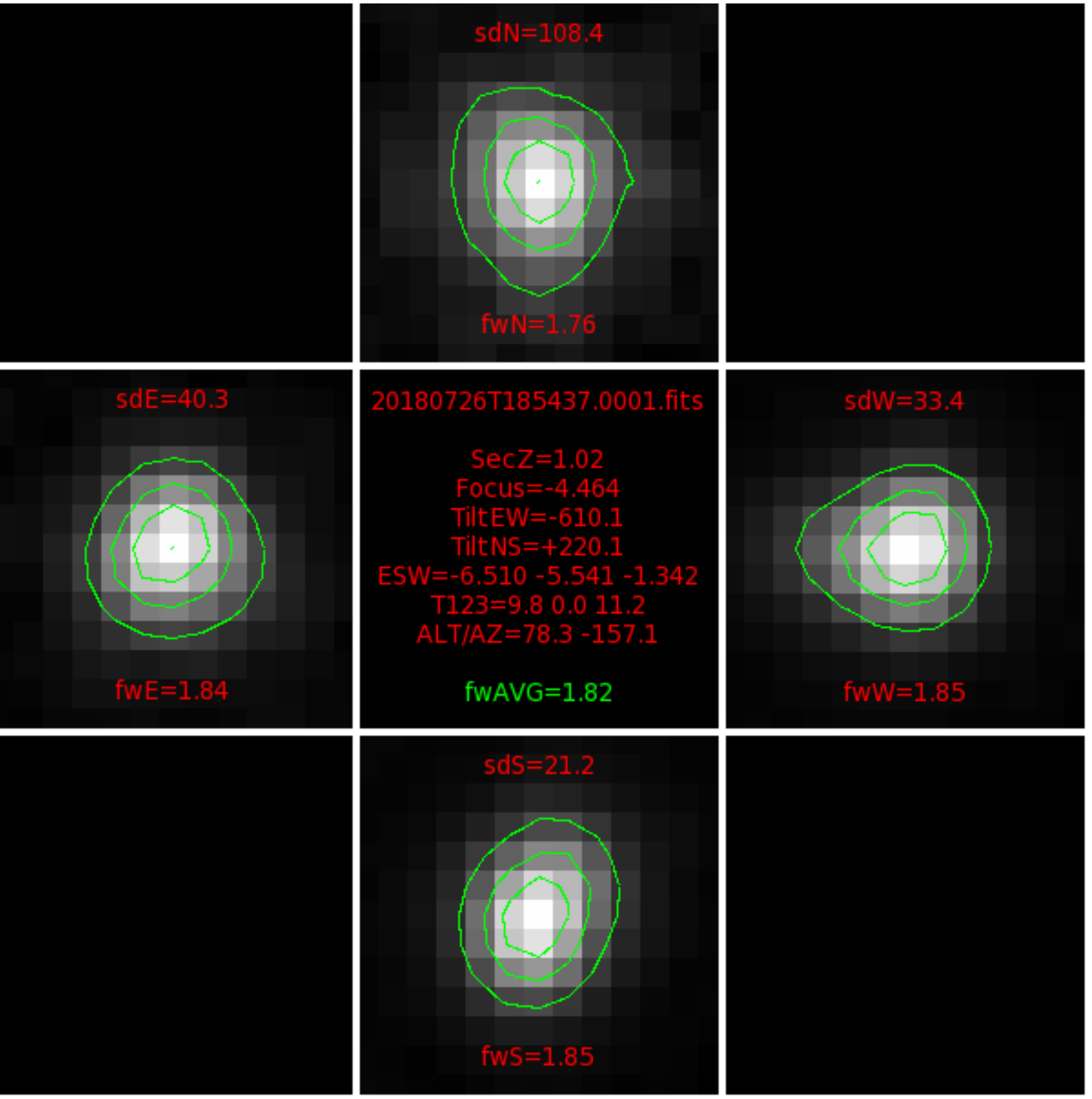

sdN=8.8
fwN=1.87
sdE=7.6
fwE=1.74
20180726T184710.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 8.7 11.3
ALT/AZ=78.9 -165.6
fwAVG=1.72
sdW=11.5
fwW=1.65
sdS=9.2
fwS=1.91
0 0 0 0 0 0 0 0 0

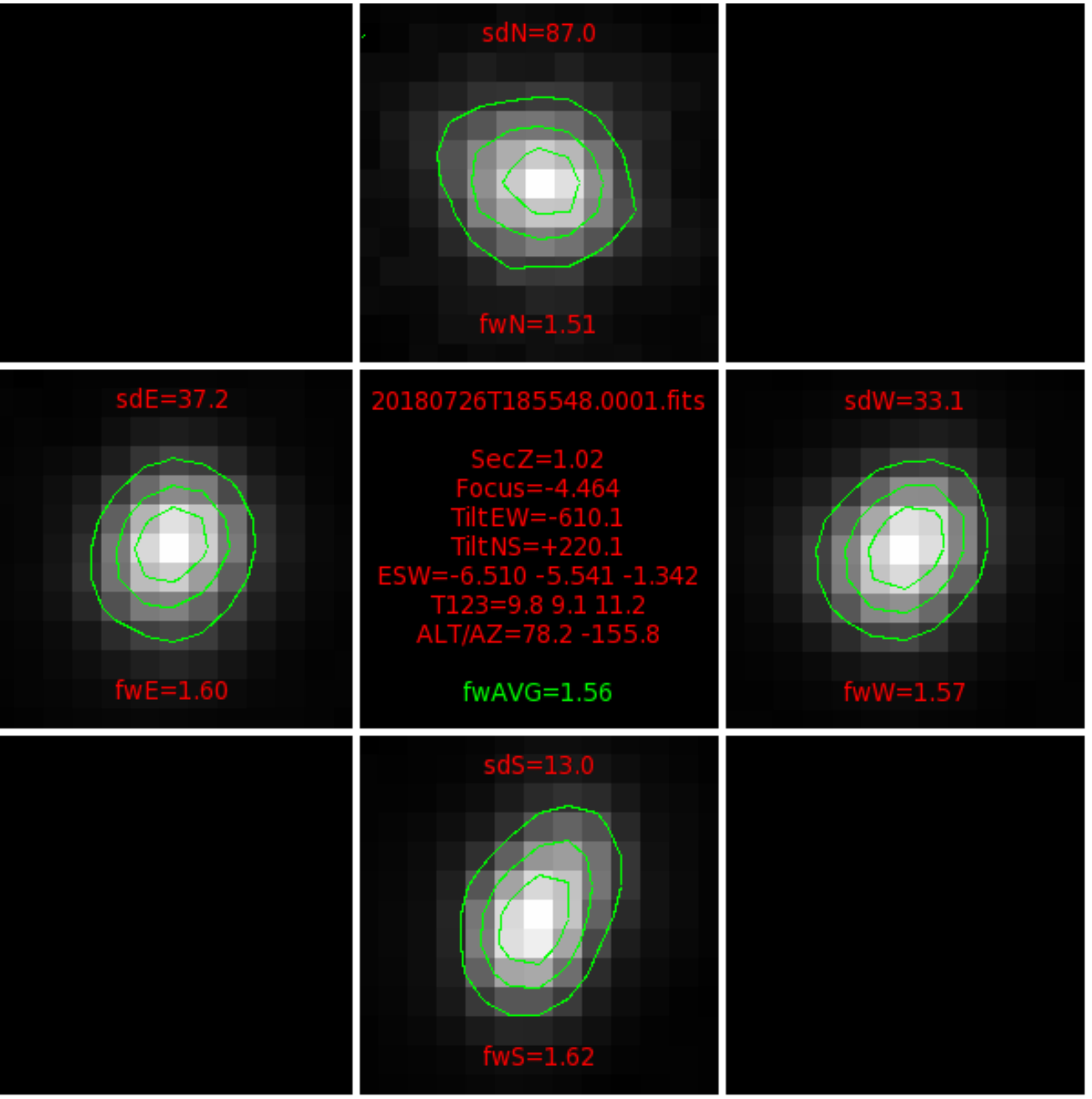

sdN=51.3
fwN=2.06
sdE=21.0
fwE=2.01
20180726T184800.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.7 8.8 11.3
ALT/AZ=78.8 -164.6
fwAVG=2.03
sdW=27.4
fwW=2.03
sdS=18.1
fwS=2.01
0 0 0 0 0 0 0 0 0

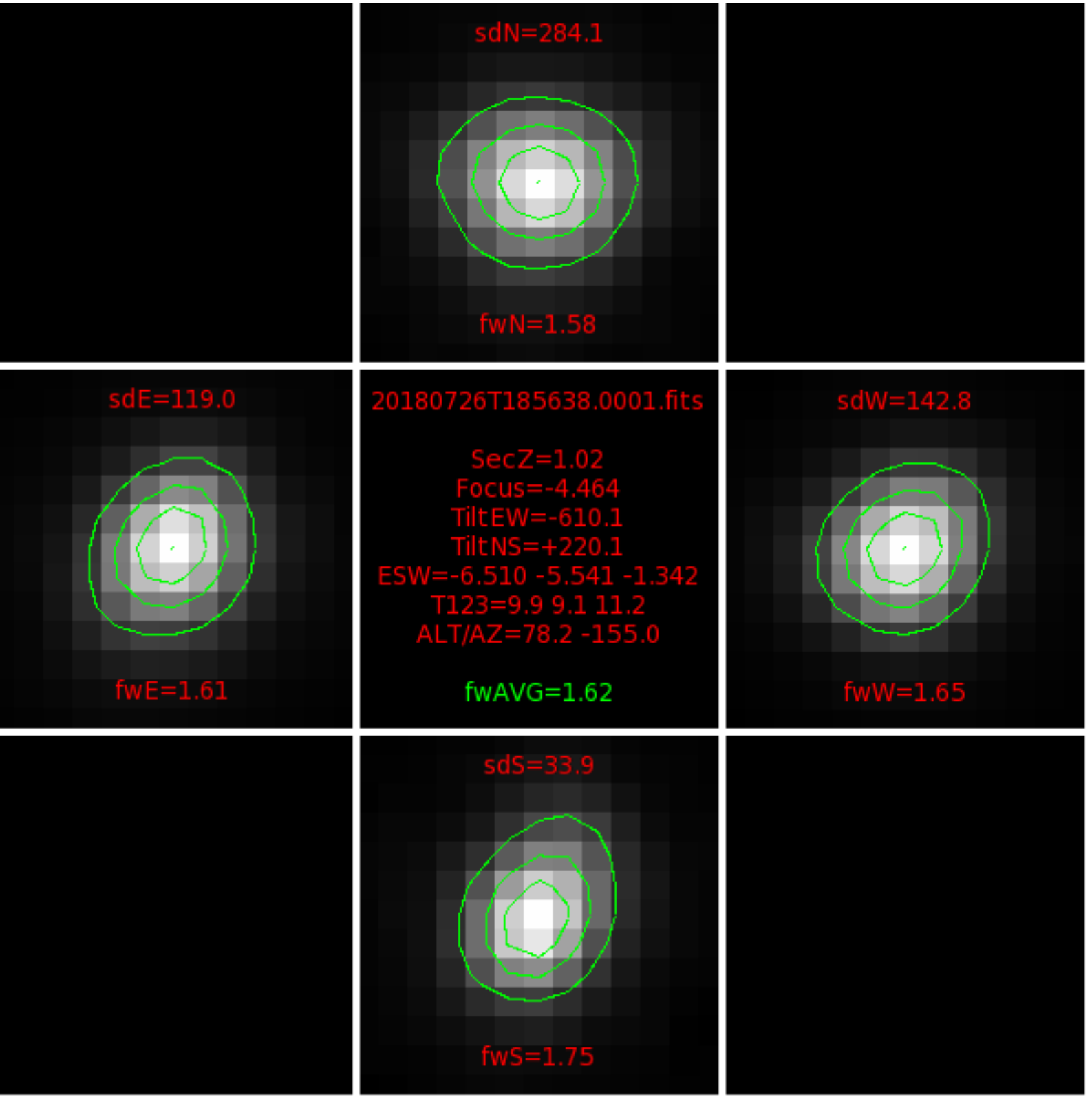

sdN=40.8
fwN=1.91
sdE=19.5
fwE=1.88
20180726T184929.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.8 0.0 11.2
ALT/AZ=78.7 -162.9
fwAVG=1.92
sdW=15.7
fwW=1.94
sdS=11.3
fwS=1.97
0 0 0 0 0 0 0 0 0

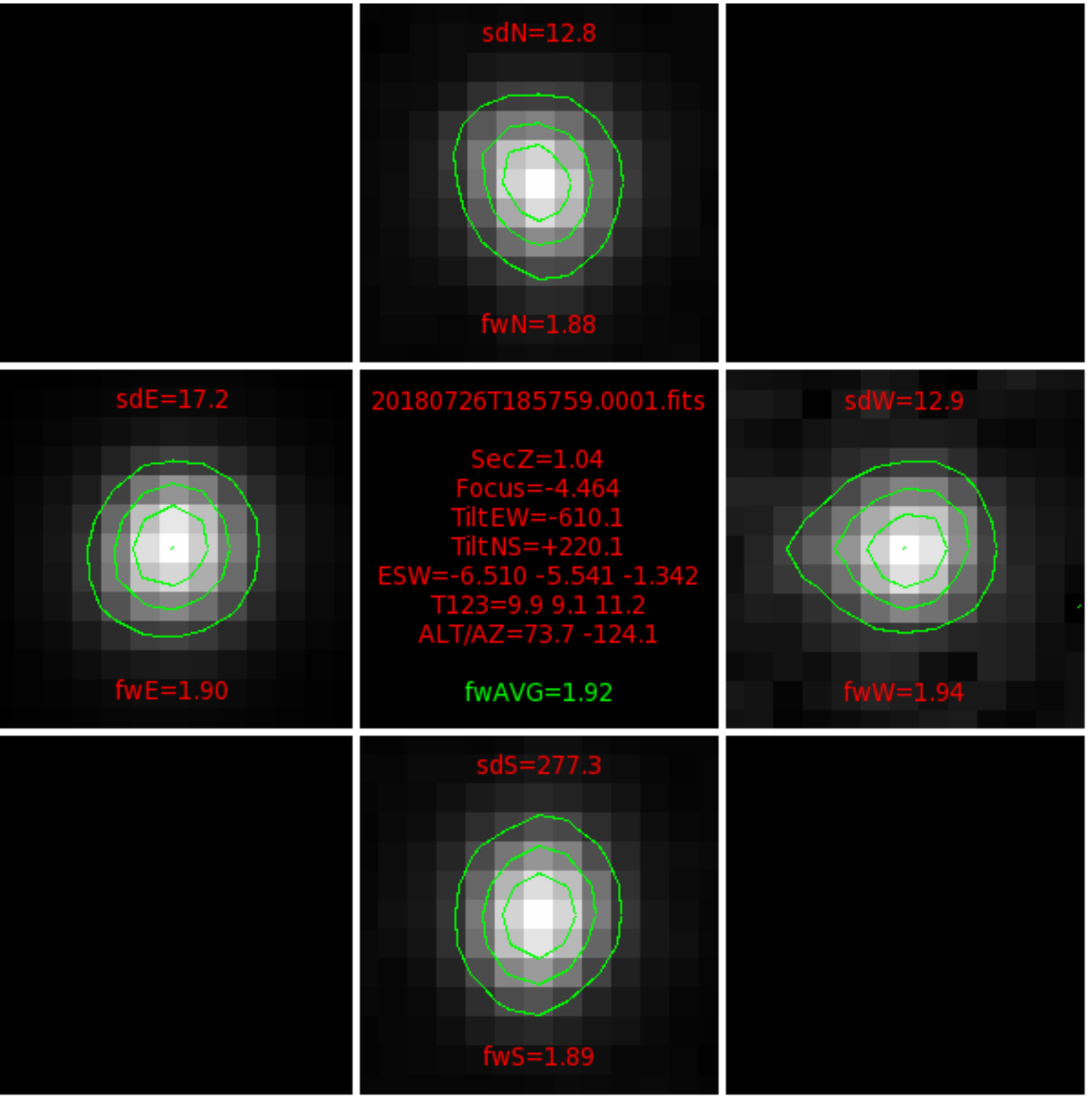

sdN=166.2
fwN=1.78
sdE=56.2
fwE=1.77
20180726T185018.0001.fits
SecZ=1.02
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=9.8 9.0 11.2
ALT/AZ=78.7 -162.0
fwAVG=1.76
sdW=54.8
fwW=1.73
sdS=20.9
fwS=1.62
0 0 0 0 0 0 0 0 0

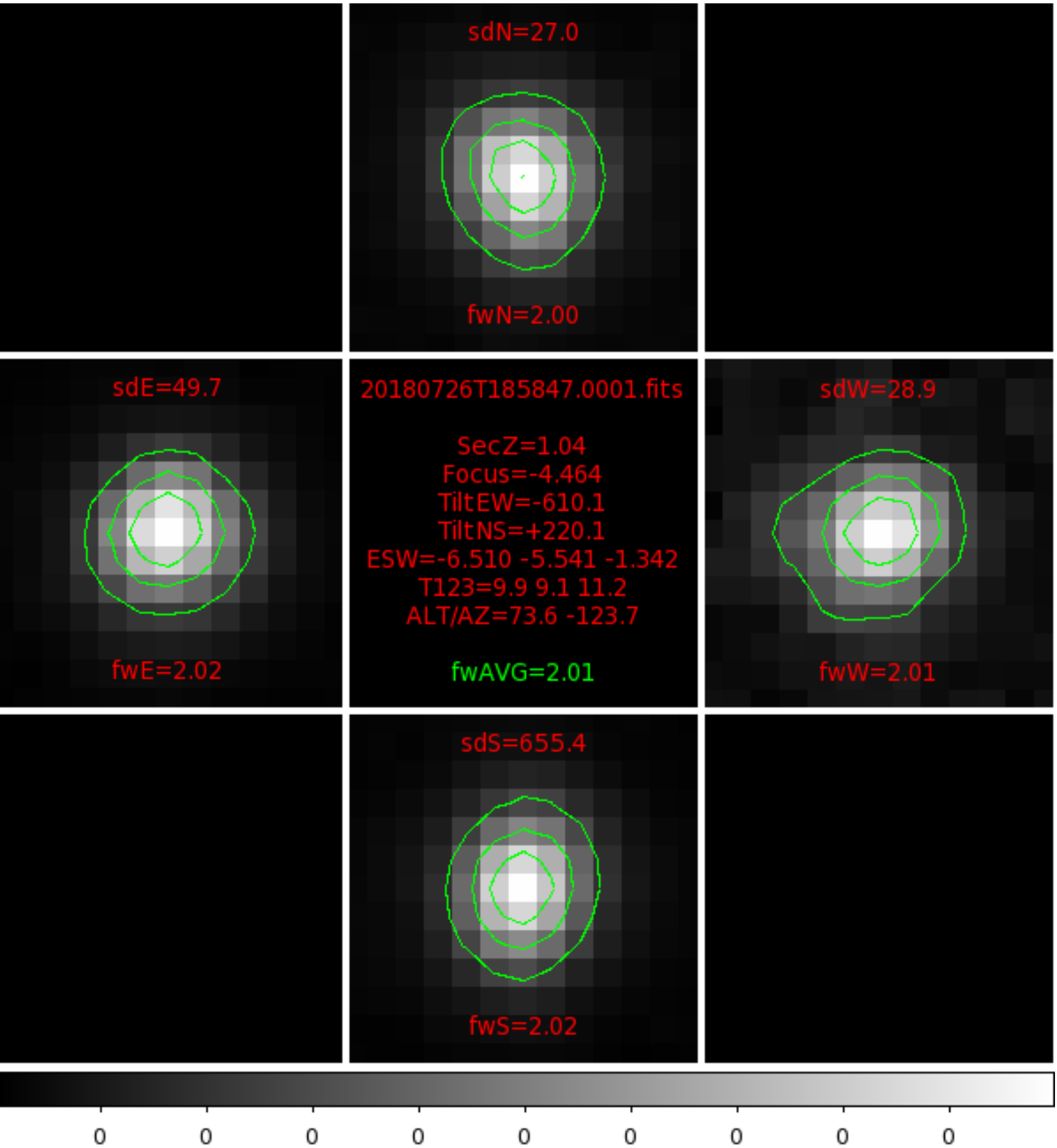

sdN=28.4
fwN=1.75
sdE=18.4
fwE=1.80
20180726T185347.0001.fits
SecZ=1.02
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=9.8 9.0 11.2
ALT/AZ=78.4 -158.0
fwAVG=1.70
sdW=15.2
fwW=1.62
sdS=11.8
fwS=1.87
0 0 0 0 0 0 0 0 0

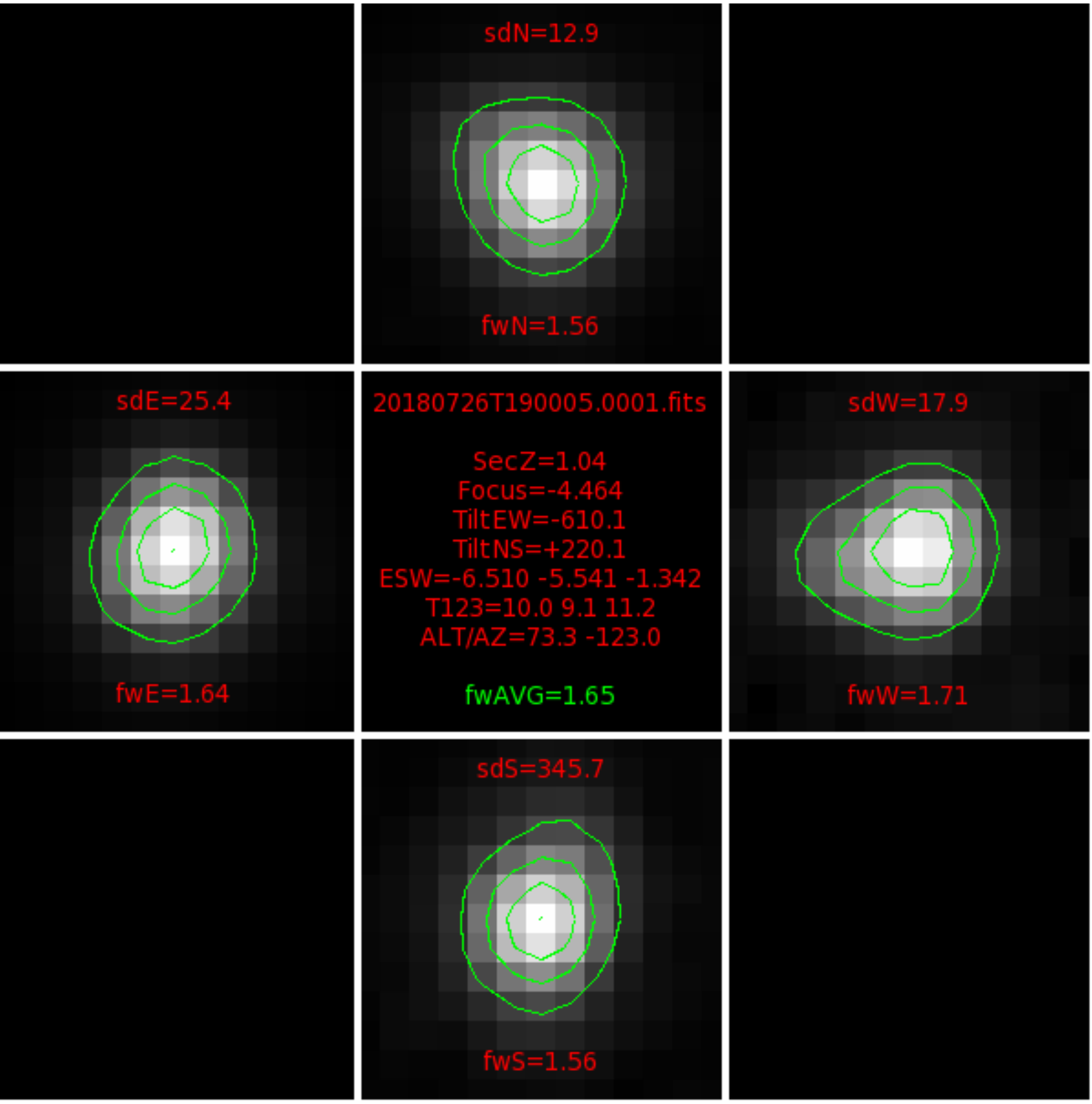

sdN=108.4
fwN=1.76
sdE=40.3
fwE=1.84
20180726T185437.0001.fits
SecZ=1.02
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=9.8 0.0 11.2
ALT/AZ=78.3 -157.1
fwAVG=1.82
sdW=33.4
fwW=1.85
sdS=21.2
fwS=1.85
0 0 0 0 0 0 0 0 0

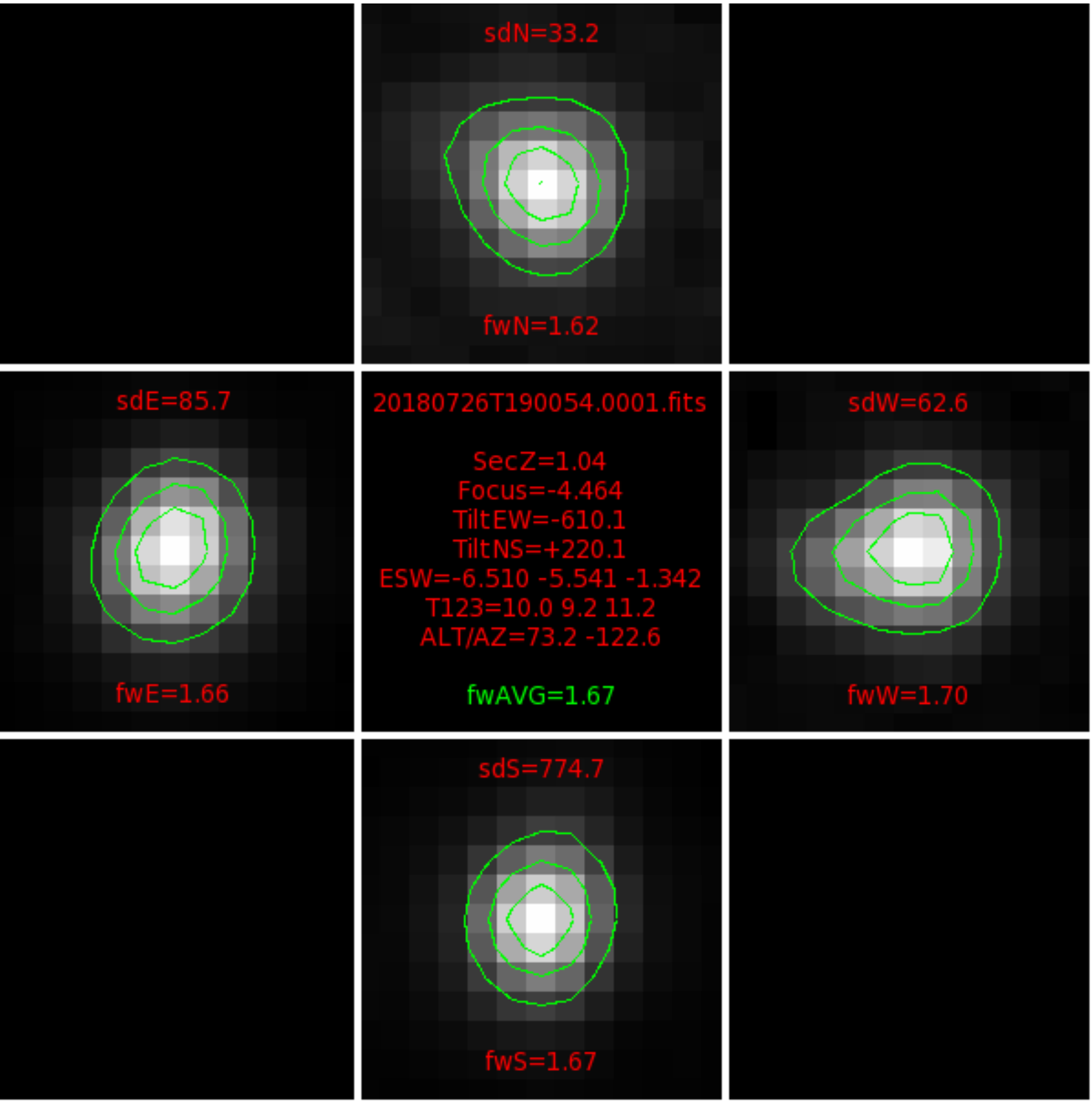

sdN=87.0
fwN=1.51
sdE=37.2
fwE=1.60
20180726T185548.0001.fits
SecZ=1.02
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=9.8 9.1 11.2
ALT/AZ=78.2 -155.8
fwAVG=1.56
sdW=33.1
fwW=1.57
sdS=13.0
fwS=1.62
0 0 0 0 0 0 0 0 0

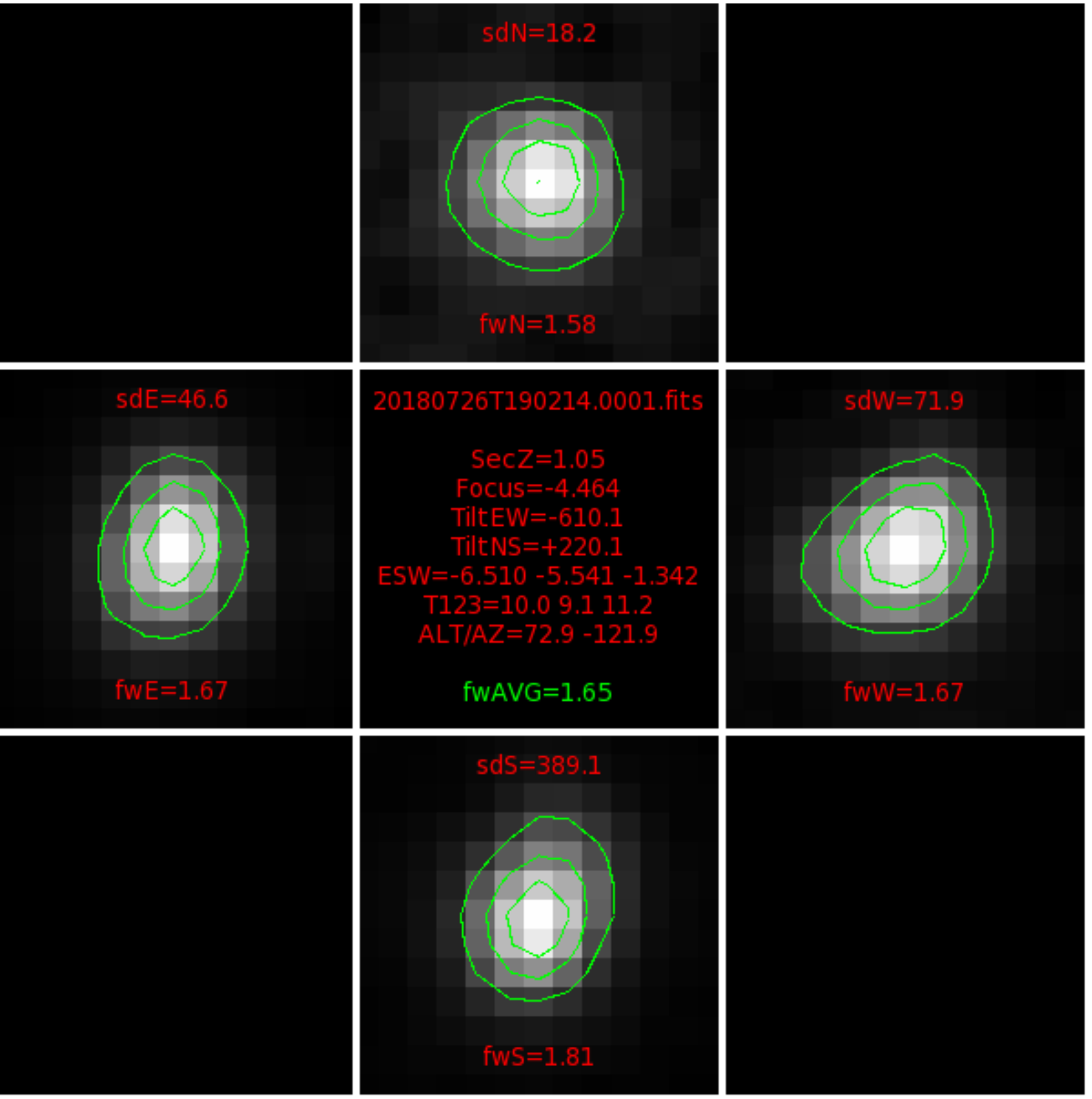

sdN=284.1
fwN=1.58
sdE=119.0
fwE=1.61
20180726T185638.0001.fits
SecZ=1.02
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=9.9 9.1 11.2
ALT/AZ=78.2 -155.0
fwAVG=1.62
sdW=142.8
fwW=1.65
sdS=33.9
fwS=1.75
0 0 0 0 0 0 0 0 0

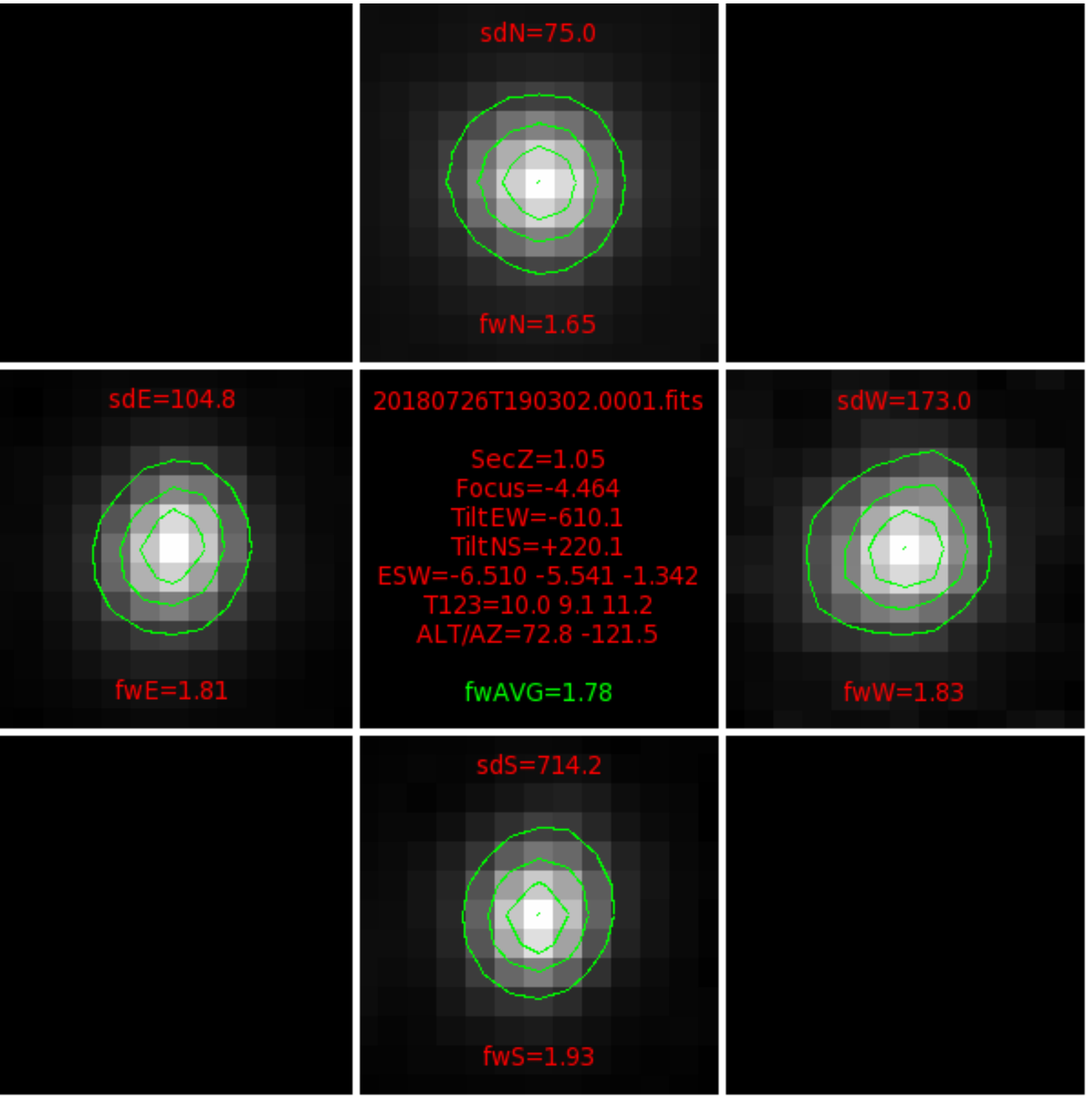

sdN=12.8
fwN=1.88
sdE=17.2
fwE=1.90
20180726T185759.0001.fits
SecZ=1.04
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=9.9 9.1 11.2
ALT/AZ=73.7 -124.1
fwAVG=1.92
sdW=12.9
fwW=1.94
sdS=277.3
fwS=1.89
0 0 0 0 0 0 0 0 0

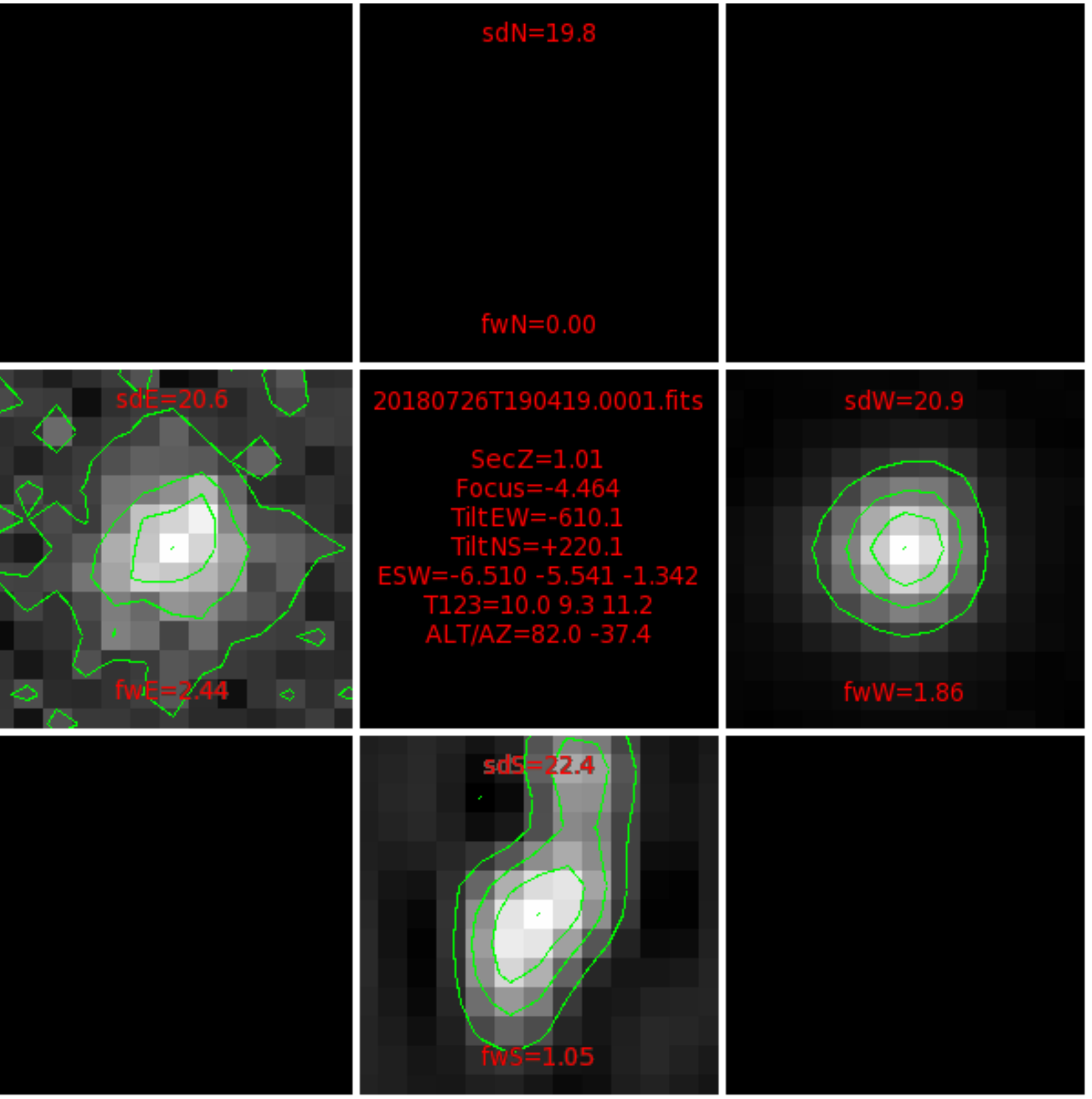

sdN=27.0
fwN=2.00
sdE=49.7
fwE=2.02
20180726T185847.0001.fits
SecZ=1.04
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=9.9 9.1 11.2
ALT/AZ=73.6 -123.7
fwAVG=2.01
sdW=28.9
fwW=2.01
sdS=655.4
fwS=2.02
0 0 0 0 0 0 0 0 0

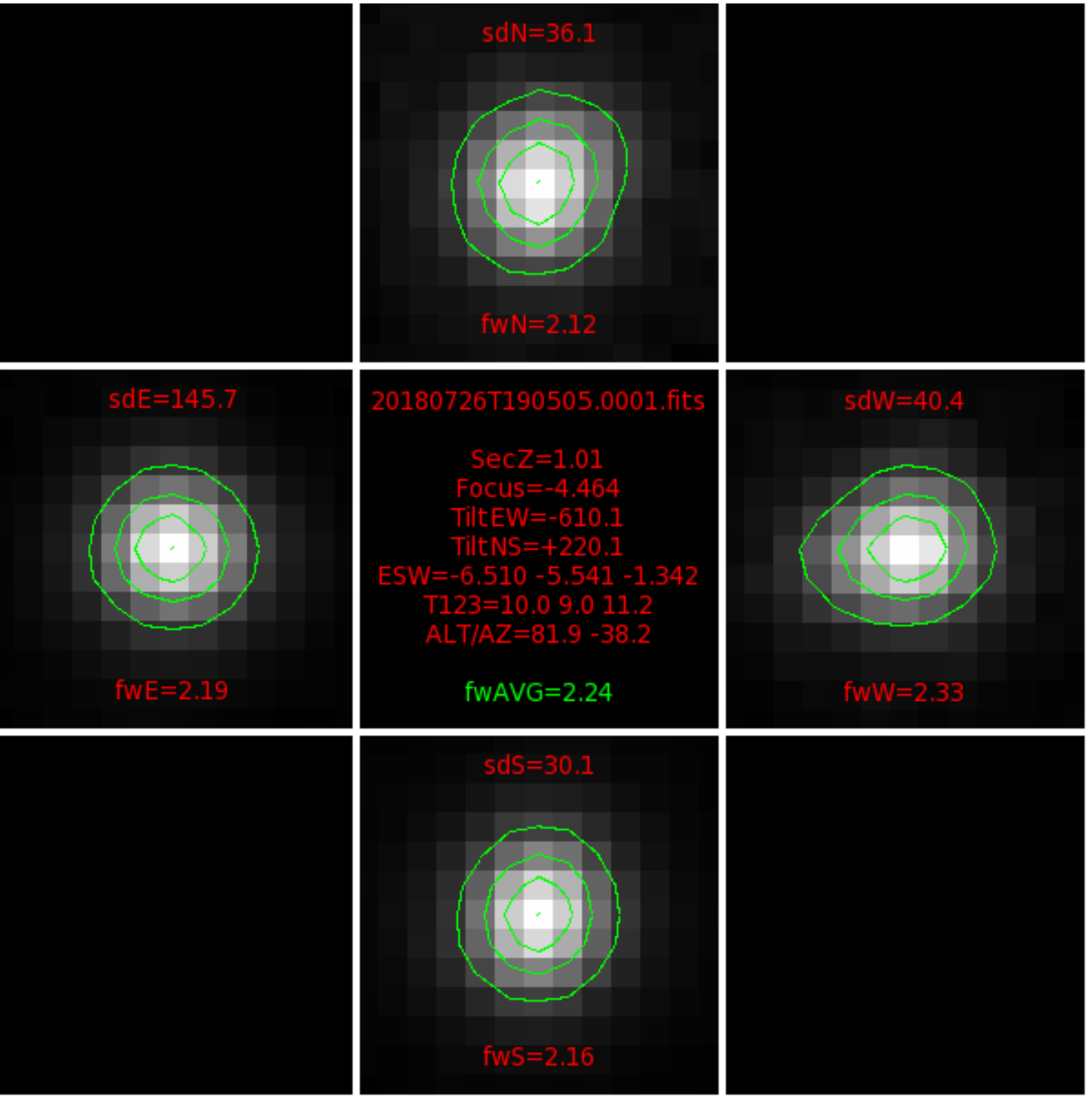

sdN=12.9
fwN=1.56
sdE=25.4
fwE=1.64
20180726T190005.0001.fits
SecZ=1.04
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.1 11.2
ALT/AZ=73.3 -123.0
fwAVG=1.65
sdW=17.9
fwW=1.71
sdS=345.7
fwS=1.56
0 0 0 0 0 0 0 0 0

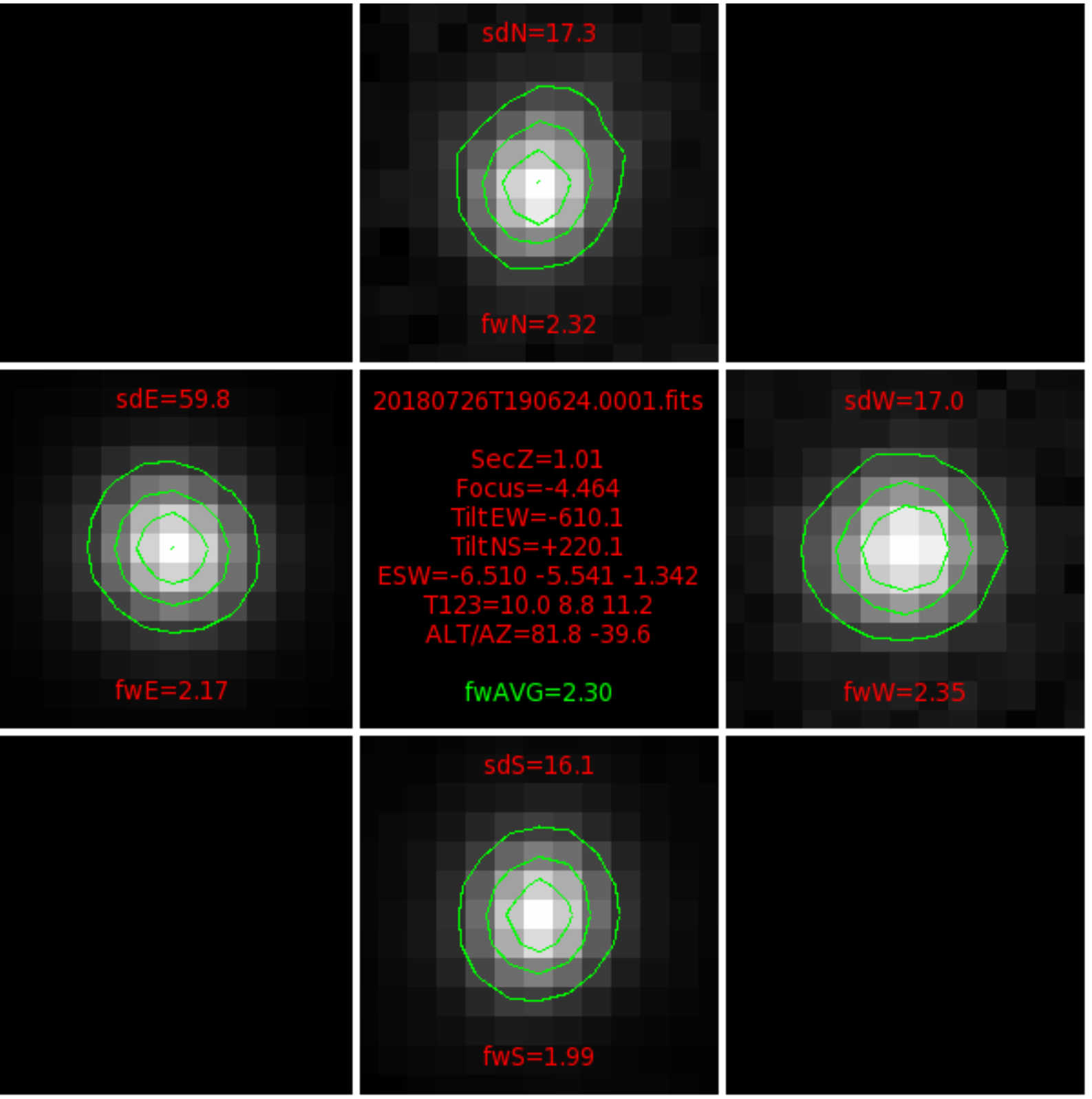

sdN=33.2
fwN=1.62
sdE=85.7
fwE=1.66
20180726T190054.0001.fits
SecZ=1.04
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.2 11.2
ALT/AZ=73.2 -122.6
fwAVG=1.67
sdW=62.6
fwW=1.70
sdS=774.7
fwS=1.67
0 0 0 0 0 0 0 0 0

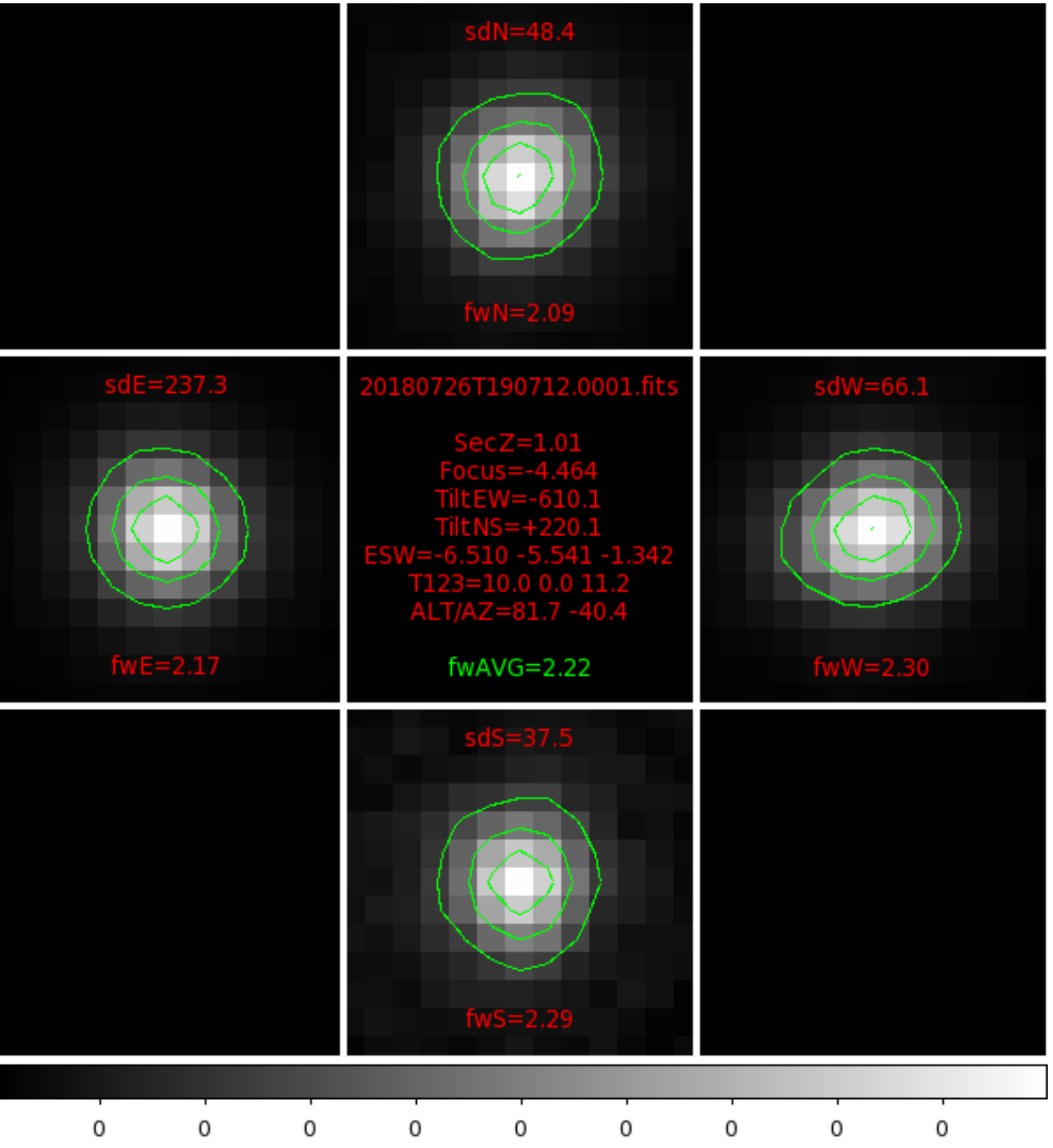

sdN=18.2
fwN=1.58
sdE=46.6
fwE=1.67
20180726T190214.0001.fits
SecZ=1.05
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.1 11.2
ALT/AZ=72.9 -121.9
fwAVG=1.65
sdW=71.9
fwW=1.67
sdS=389.1
fwS=1.81
0 0 0 0 0 0 0 0 0

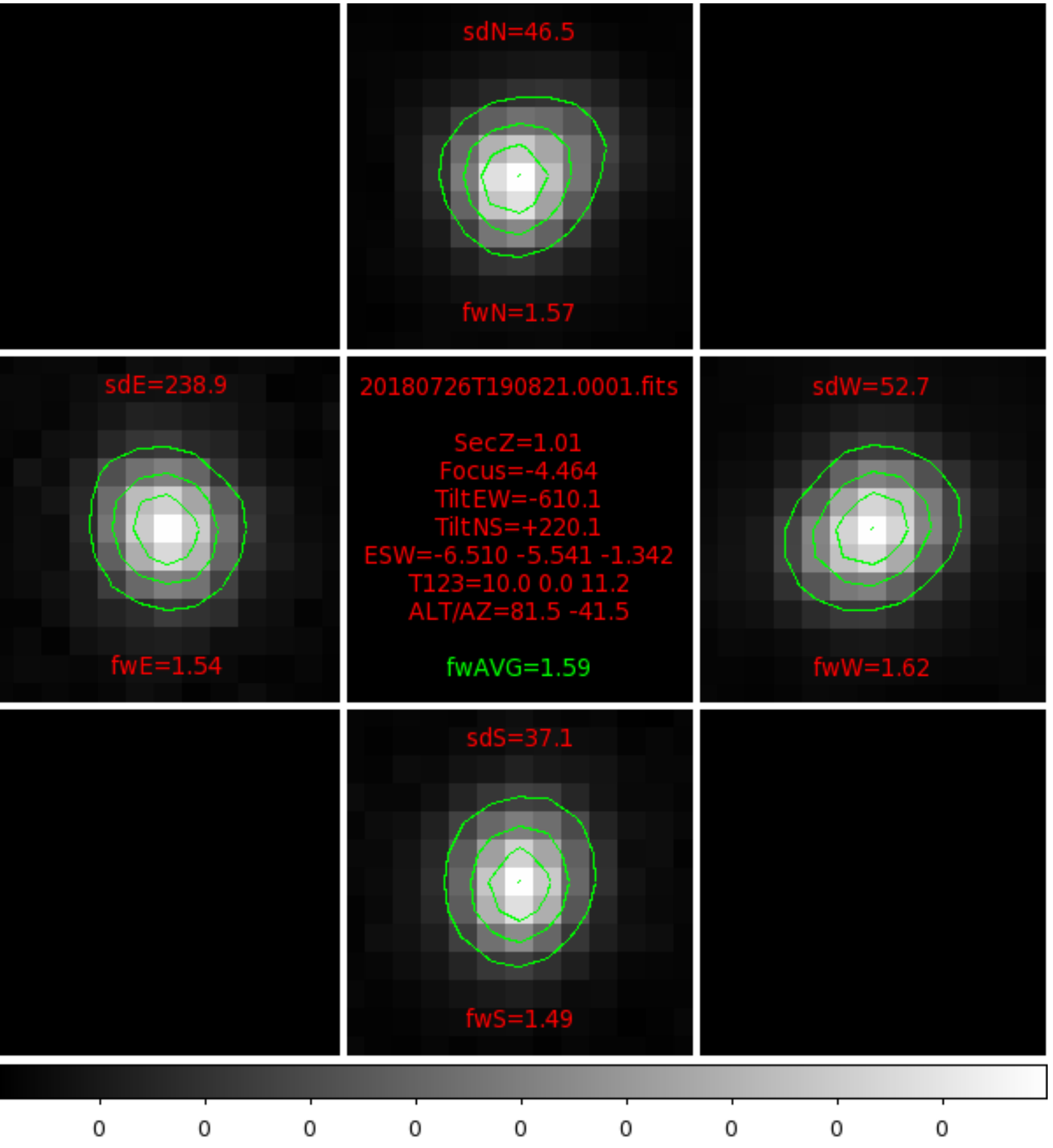

sdN=75.0
fwN=1.65
sdE=104.8
fwE=1.81
20180726T190302.0001.fits
SecZ=1.05
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.1 11.2
ALT/AZ=72.8 -121.5
fwAVG=1.78
sdW=173.0
fwW=1.83
sdS=714.2
fwS=1.93
0 0 0 0 0 0 0 0 0

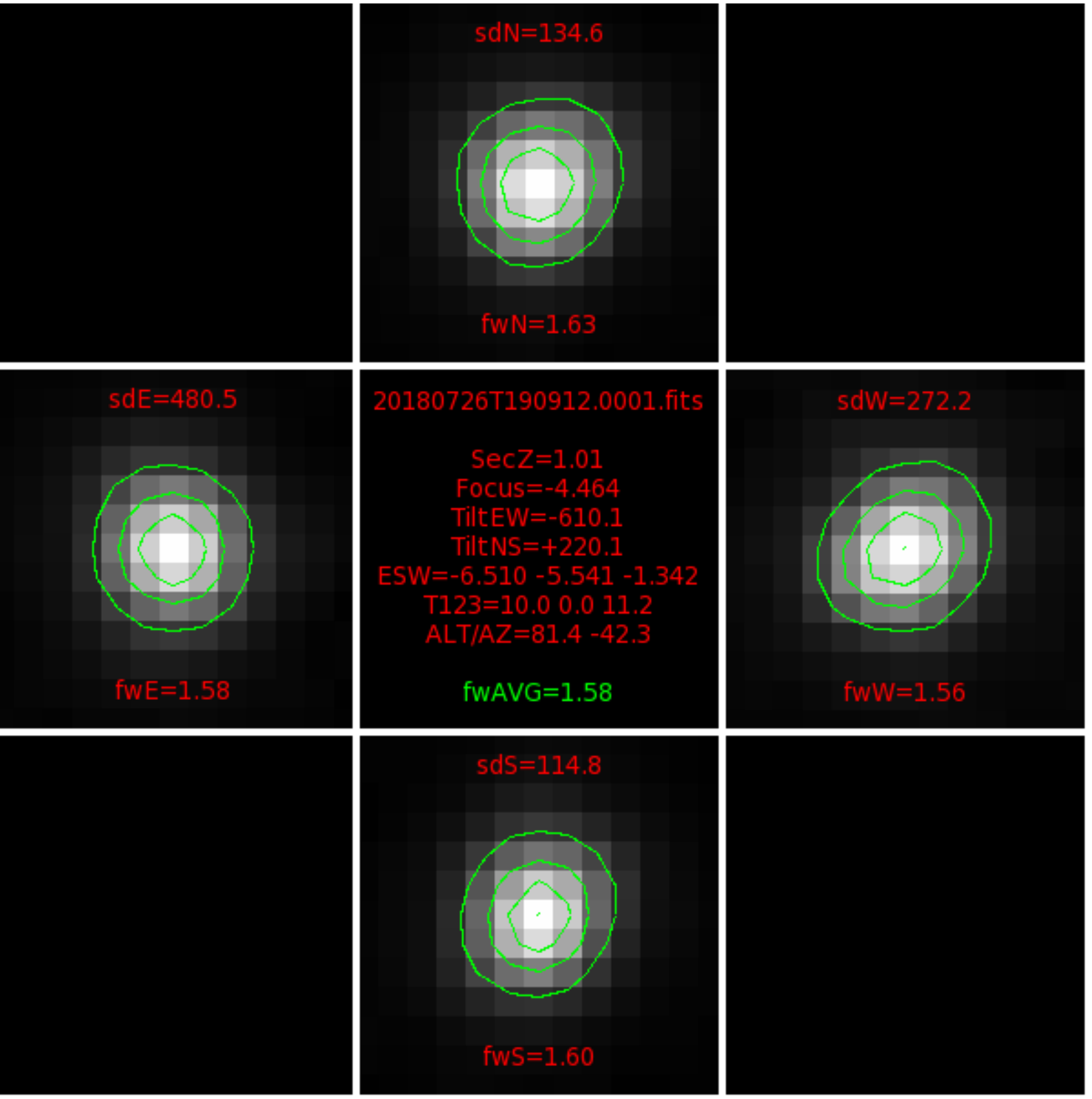

sdN=19.8
fwN=0.00
sdE=20.6
fwE=2.44
20180726T190419.0001.fits
SecZ=1.01
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.3 11.2
ALT/AZ=82.0 -37.4
sdW=20.9
fwW=1.86
sdS=22.4
fwS=1.05
0 0 0 0 0 0 0 0 0

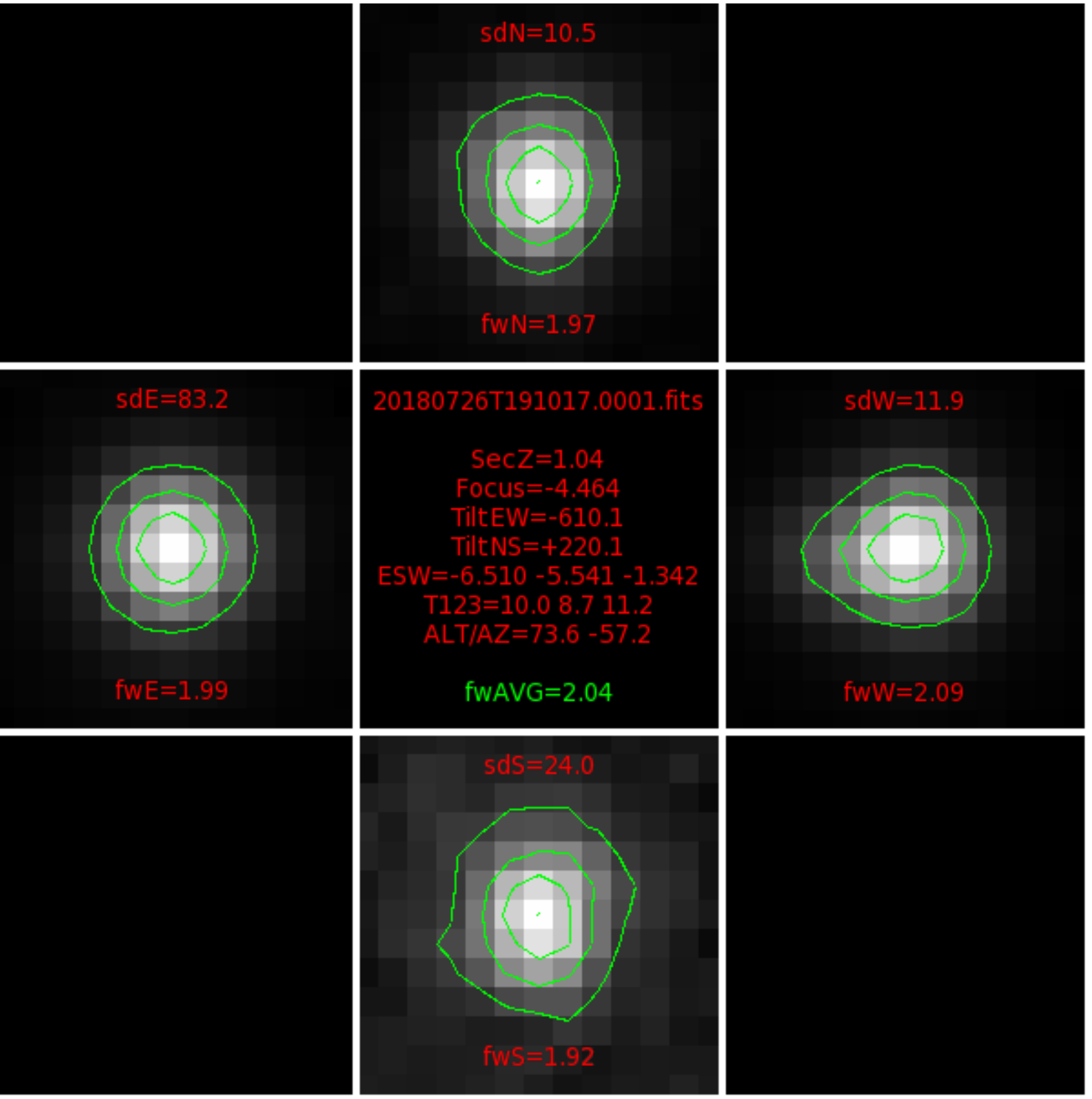

sdN=36.1
fwN=2.12
sdE=145.7
fwE=2.19
20180726T190505.0001.fits
SecZ=1.01
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.0 11.2
ALT/AZ=81.9 -38.2
fwAVG=2.24
sdW=40.4
fwW=2.33
sdS=30.1
fwS=2.16
0 0 0 0 0 0 0 0 0

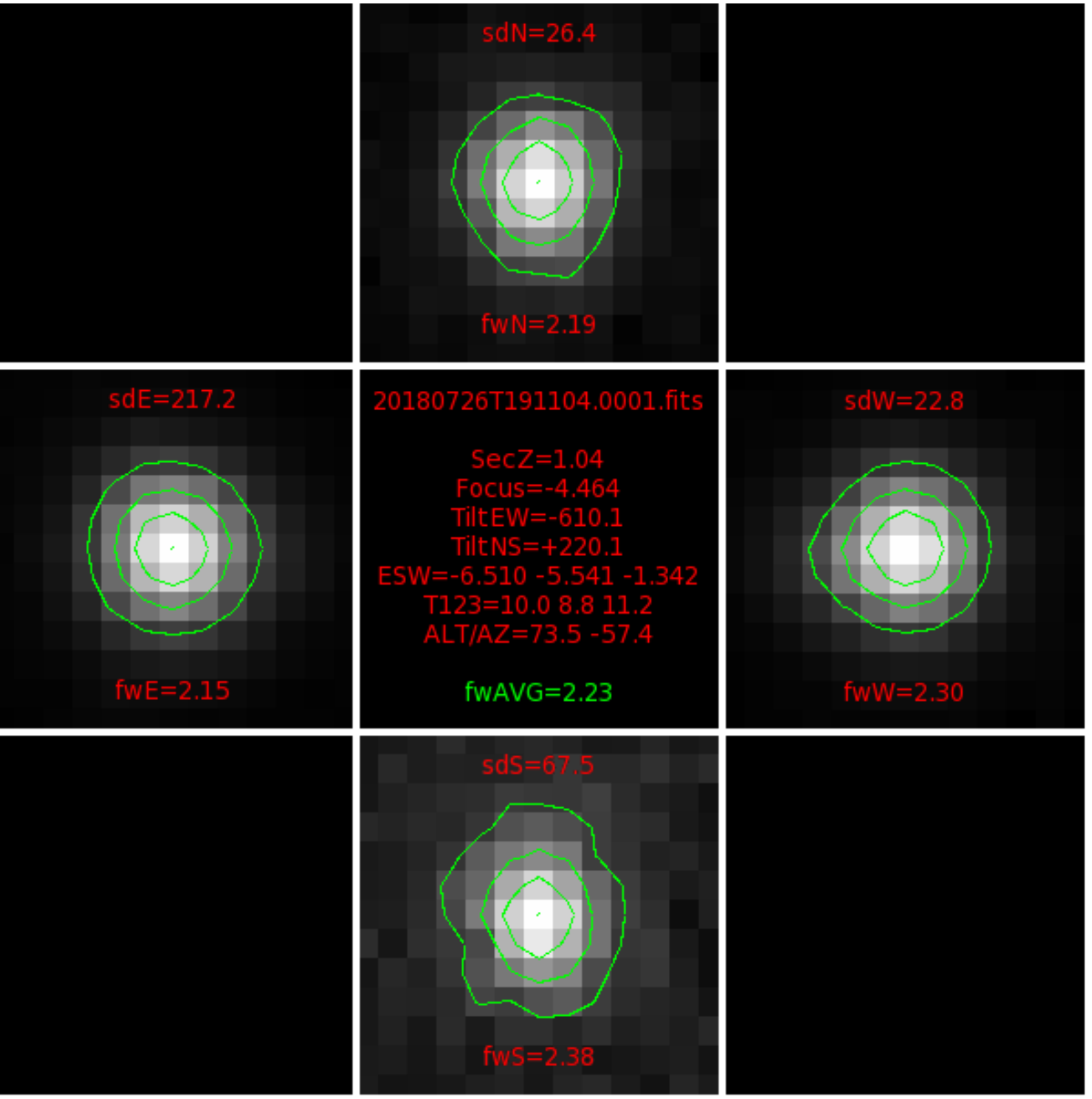

sdN=17.3
fwN=2.32
sdE=59.8
fwE=2.17
20180726T190624.0001.fits
SecZ=1.01
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 8.8 11.2
ALT/AZ=81.8 -39.6
fwAVG=2.30
sdW=17.0
fwW=2.35
sdS=16.1
fwS=1.99
0 0 0 0 0 0 0 0 0

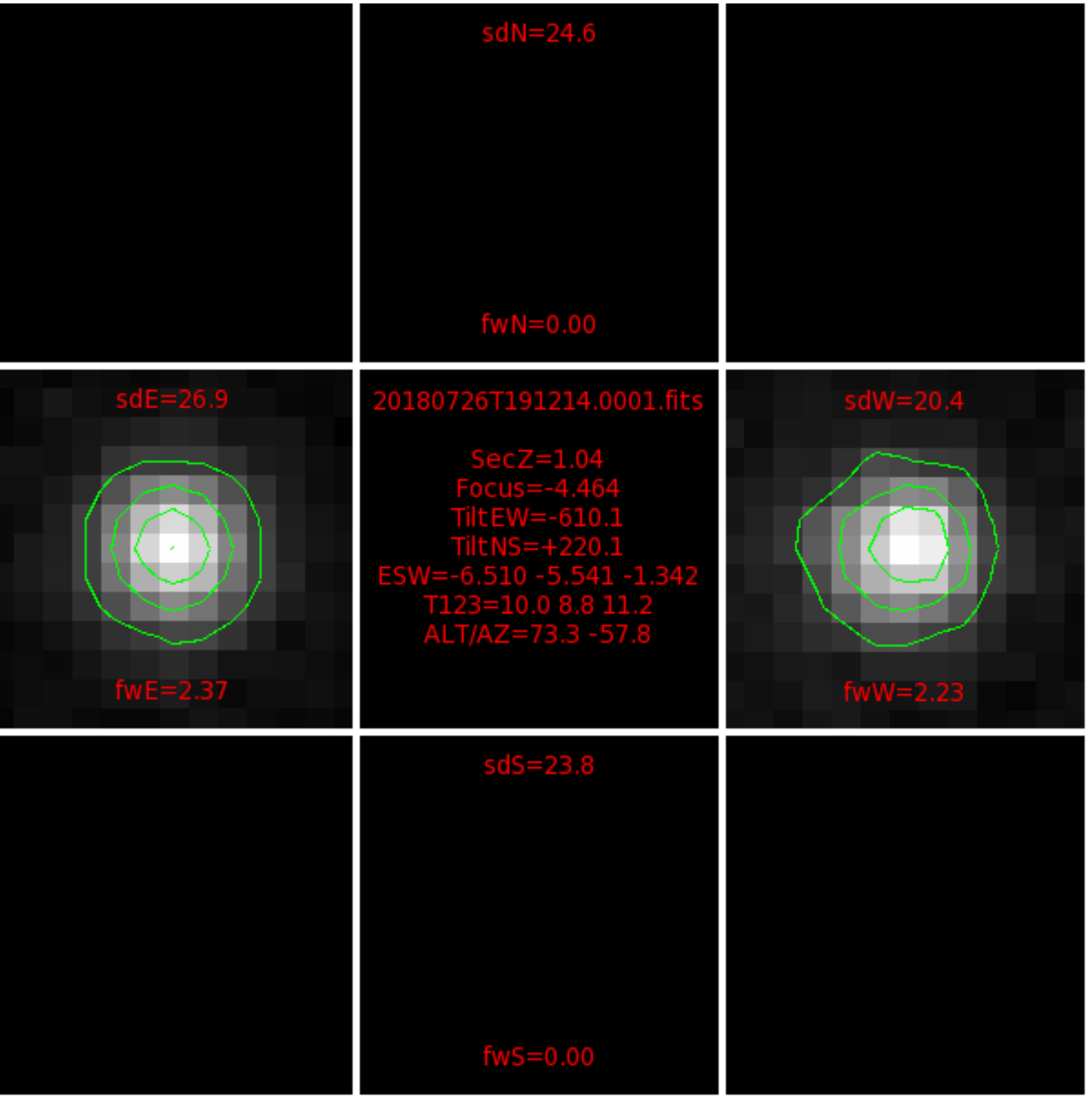

sdN=48.4
fwN=2.09
sdE=237.3
fwE=2.17
20180726T190712.0001.fits
SecZ=1.01
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 0.0 11.2
ALT/AZ=81.7 -40.4
fwAVG=2.22
sdW=66.1
fwW=2.30
sdS=37.5
fwS=2.29
0 0 0 0 0 0 0 0 0

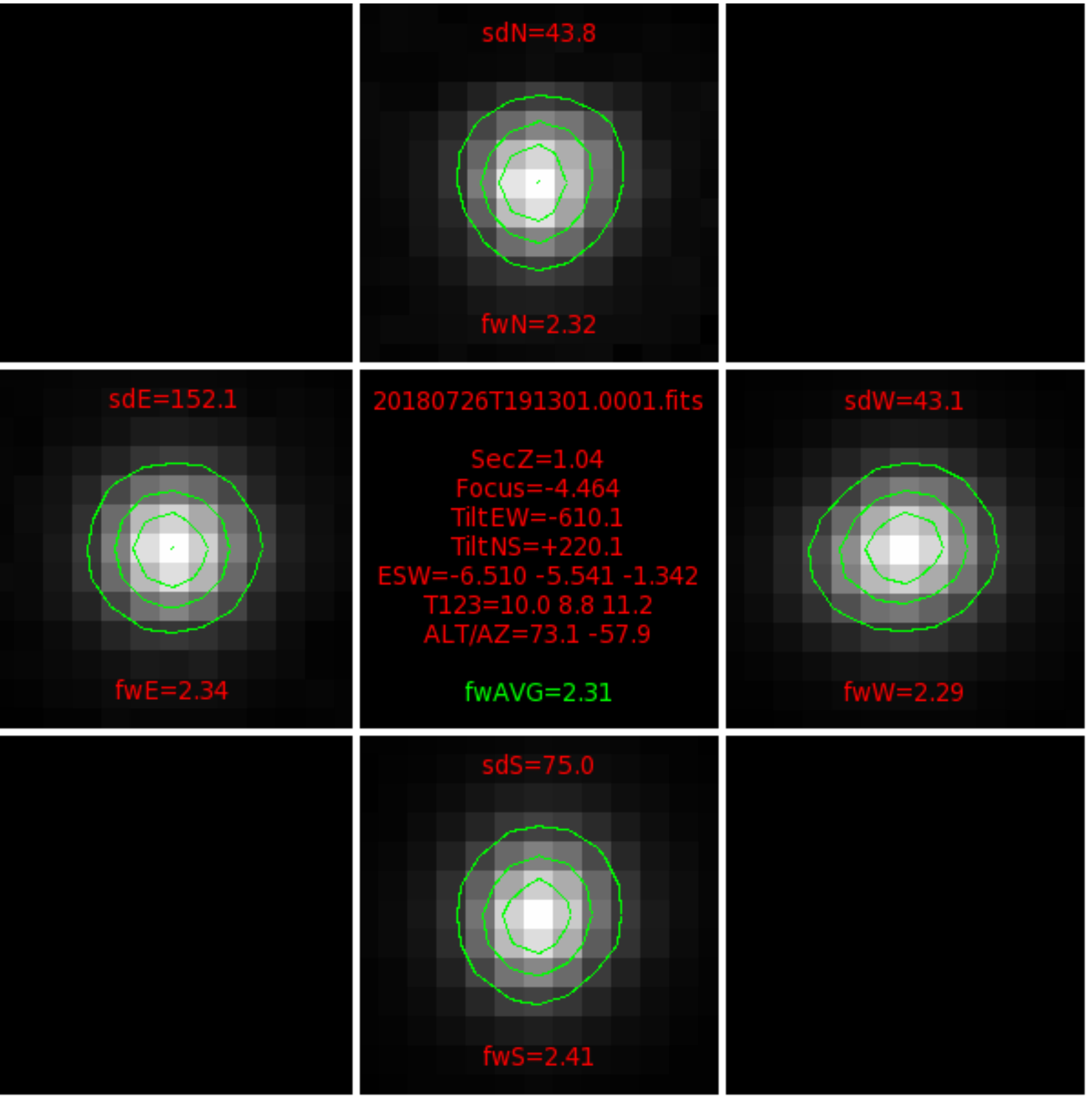

sdN=46.5
fwN=1.57
sdE=238.9
fwE=1.54
20180726T190821.0001.fits
SecZ=1.01
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 0.0 11.2
ALT/AZ=81.5 -41.5
fwAVG=1.59
sdW=52.7
fwW=1.62
sdS=37.1
fwS=1.49
0 0 0 0 0 0 0 0 0

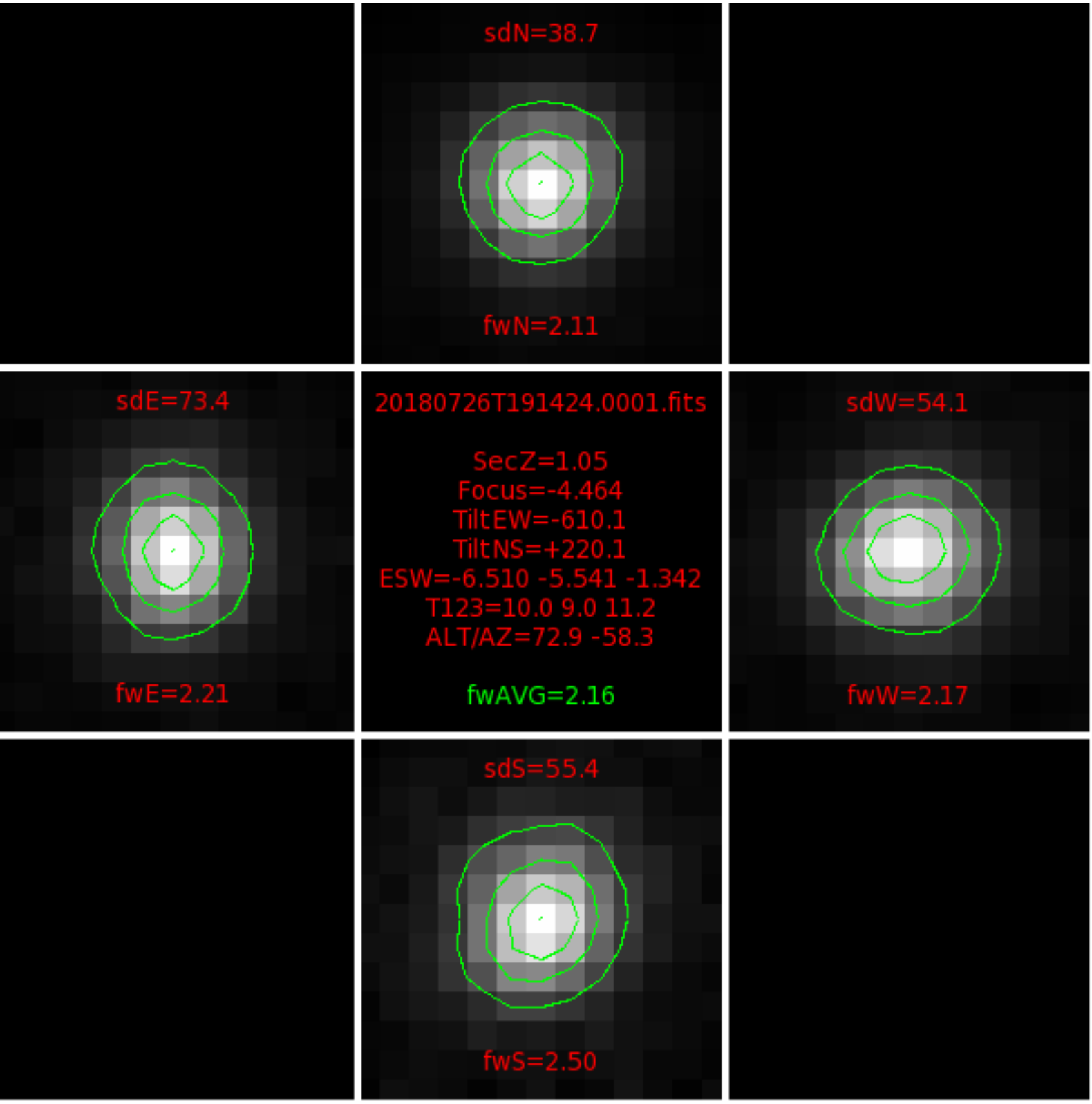

sdN=134.6
fwN=1.63
sdE=480.5
fwE=1.58
20180726T190912.0001.fits
SecZ=1.01
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 0.0 11.2
ALT/AZ=81.4 -42.3
fwAVG=1.58
sdW=272.2
fwW=1.56
sdS=114.8
fwS=1.60
0 0 0 0 0 0 0 0 0

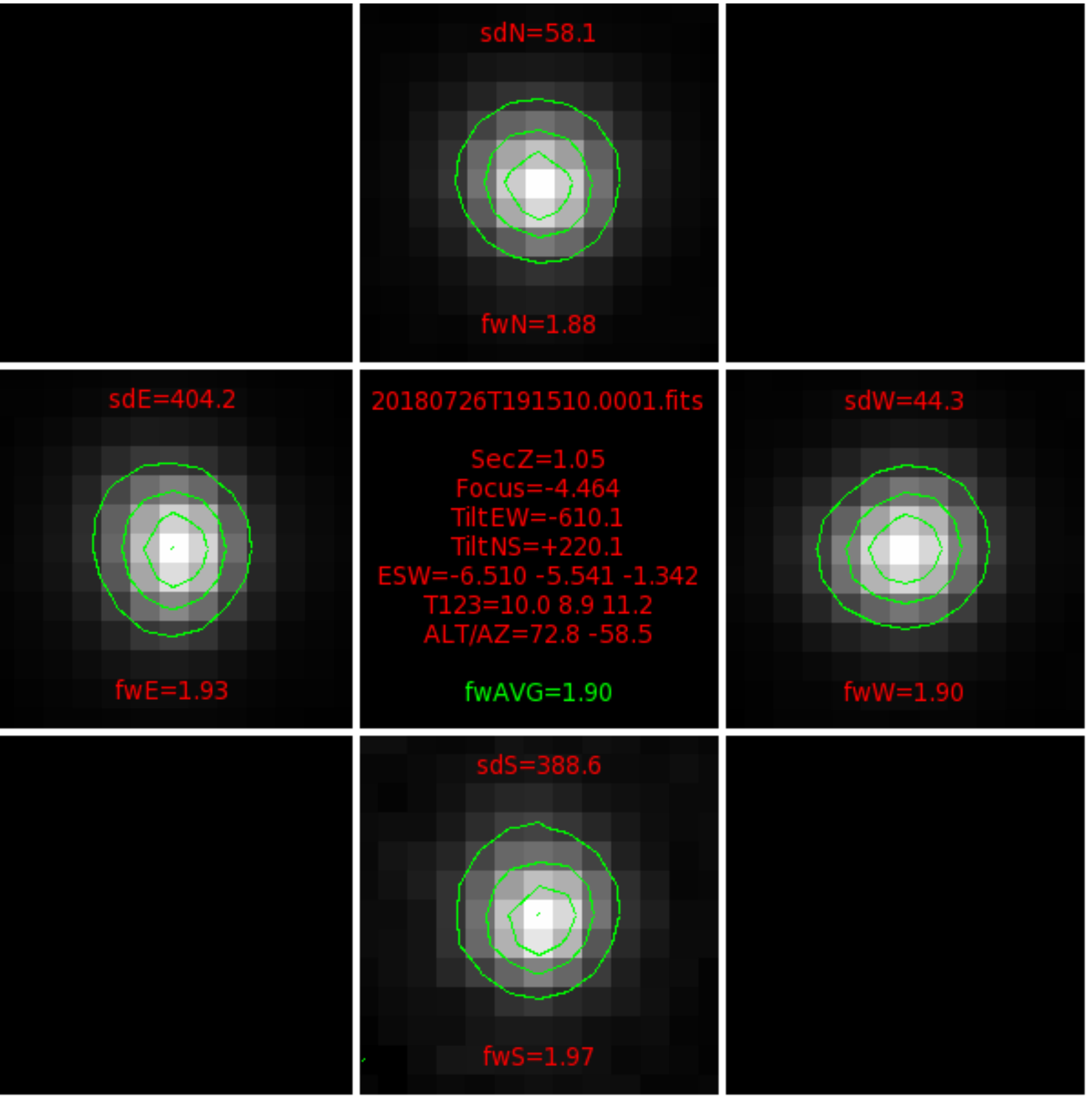

sdN=10.5
fwN=1.97
sdE=83.2
fwE=1.99
20180726T191017.0001.fits
SecZ=1.04
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 8.7 11.2
ALT/AZ=73.6 -57.2
fwAVG=2.04
sdW=11.9
fwW=2.09
sdS=24.0
fwS=1.92
0 0 0 0 0 0 0 0 0

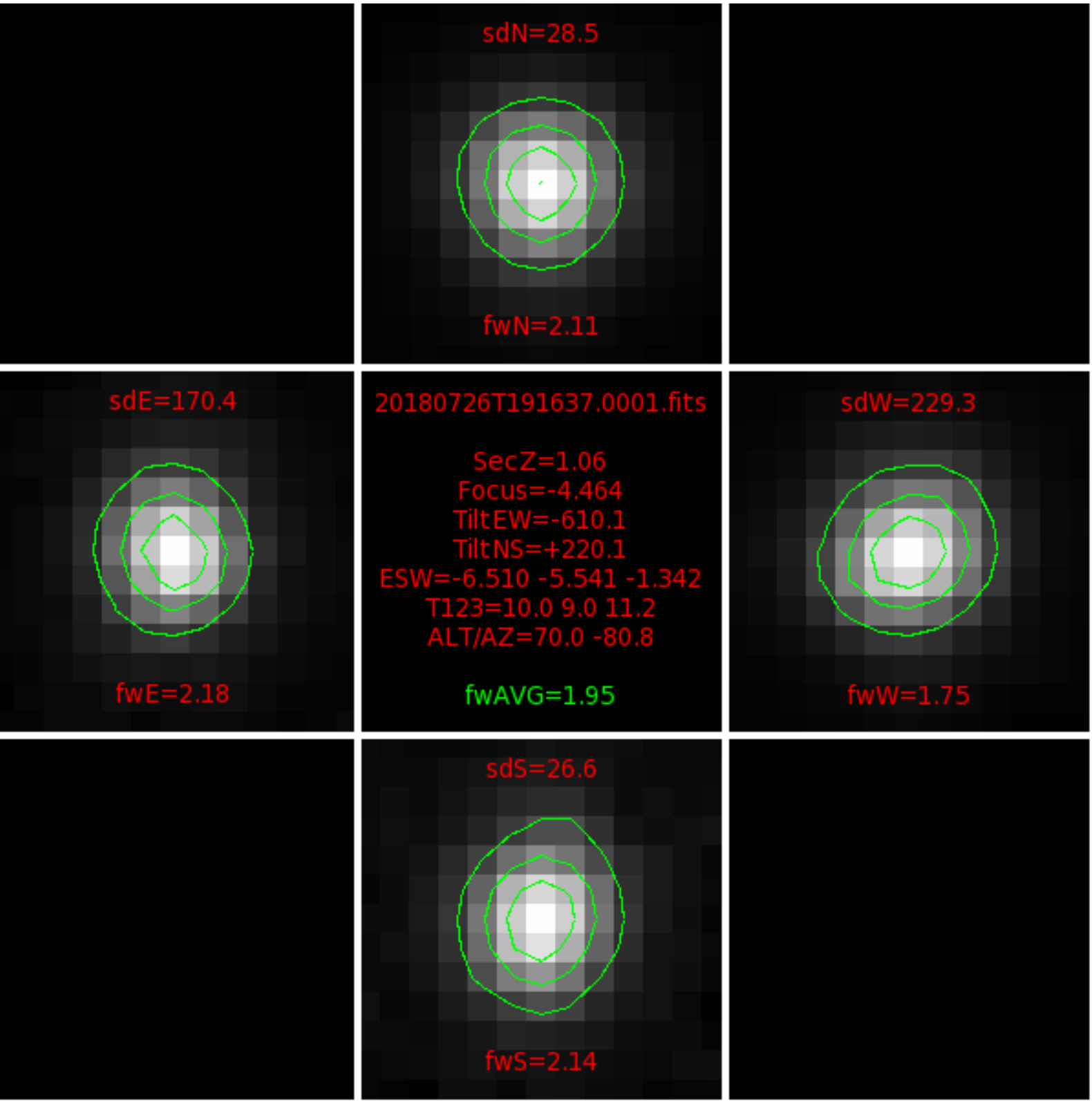

sdN=26.4
fwN=2.19
sdE=217.2
fwE=2.15
20180726T191104.0001.fits
SecZ=1.04
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 8.8 11.2
ALT/AZ=73.5 -57.4
fwAVG=2.23
sdW=22.8
fwW=2.30
sdS=67.5
fwS=2.38
0 0 0 0 0 0 0 0 0

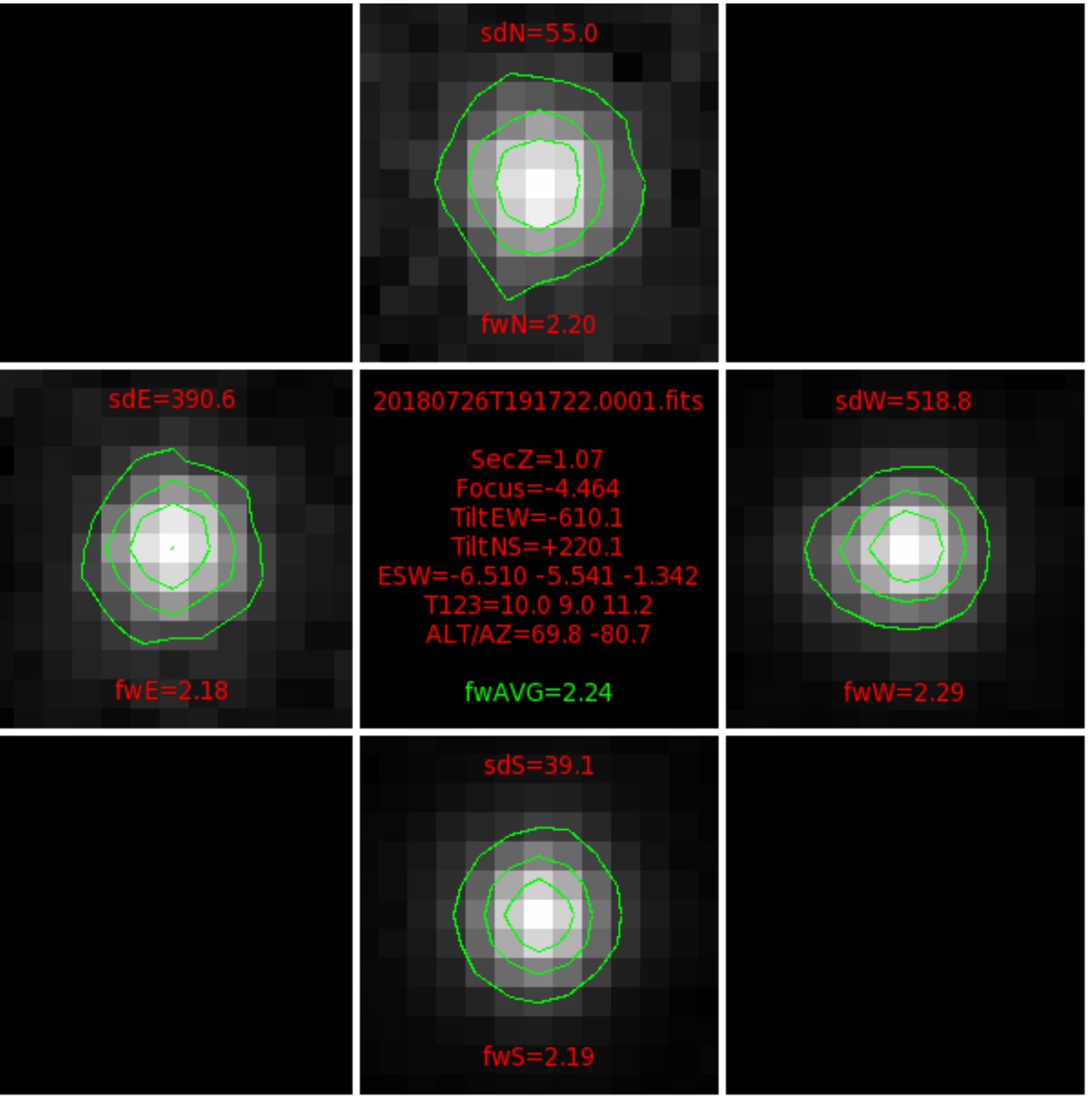

sdN=24.6
fwN=0.00
sdE=26.9
20180726T191214.0001.fits
SecZ=1.04
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 8.8 11.2
ALT/AZ=73.3 -57.8
sdW=20.4
fwE=2.37
fwW=2.23
sdS=23.8
fwS=0.00
0 0 0 0 0 0 0 0 0

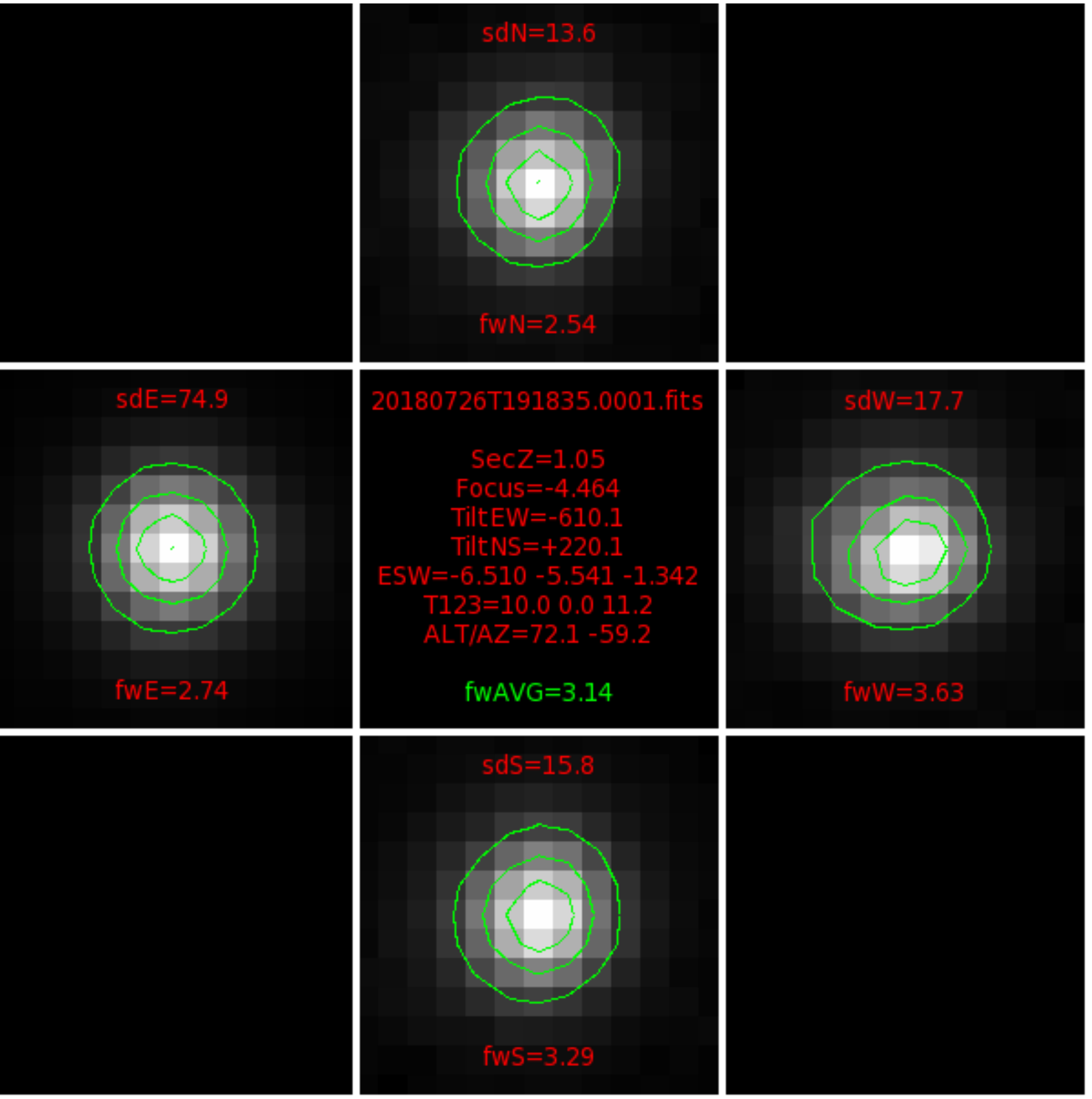

sdN=43.8
fwN=2.32
sdE=152.1
fwE=2.34
20180726T191301.0001.fits
SecZ=1.04
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 8.8 11.2
ALT/AZ=73.1 -57.9
fwAVG=2.31
sdW=43.1
fwW=2.29
sdS=75.0
fwS=2.41
0 0 0 0 0 0 0 0 0

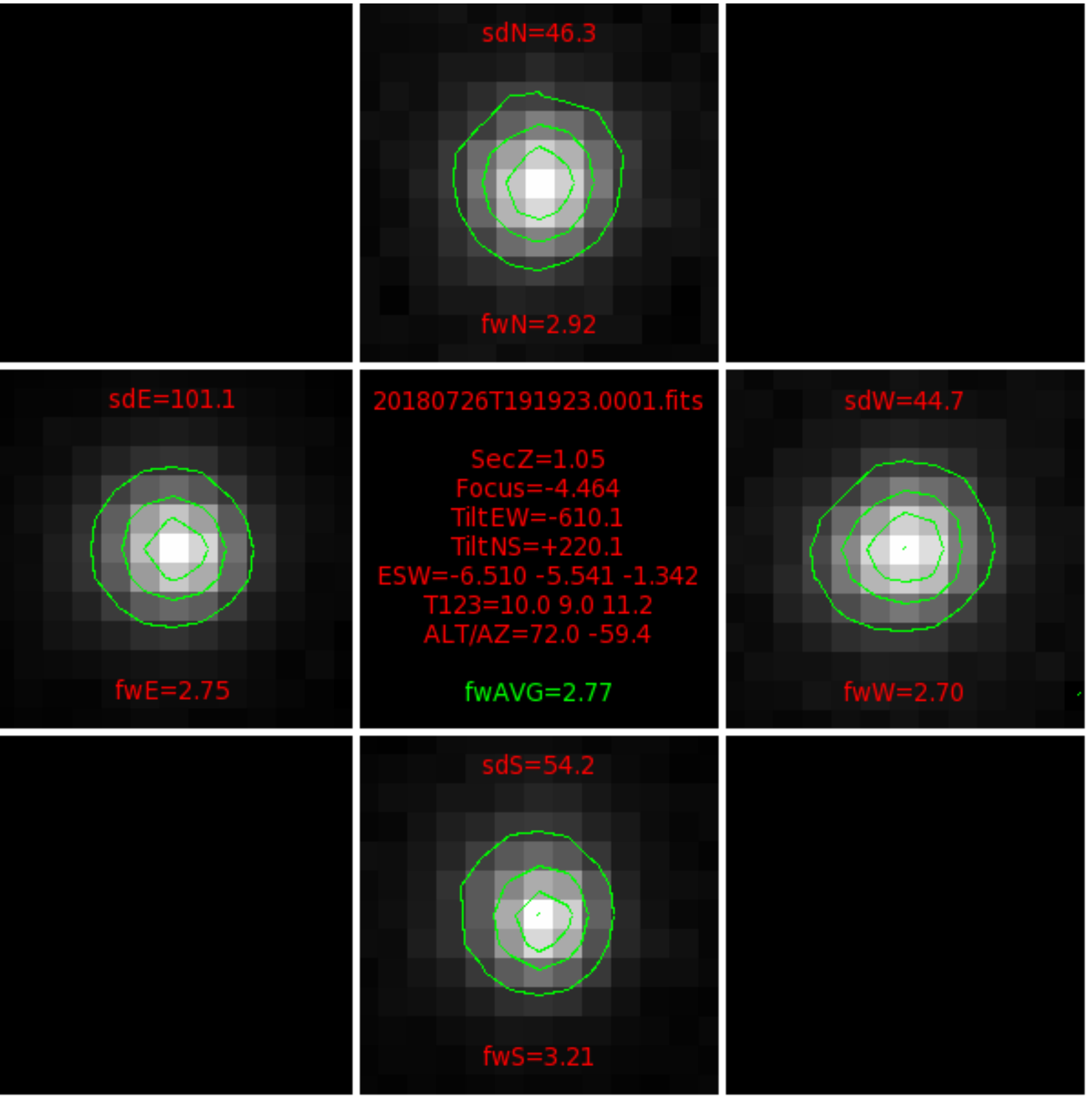

sdN=38.7
fwN=2.11
sdE=73.4
fwE=2.21
20180726T191424.0001.fits
SecZ=1.05
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.0 11.2
ALT/AZ=72.9 -58.3
fwAVG=2.16
sdW=54.1
fwW=2.17
sdS=55.4
fwS=2.50
0 0 0 0 0 0 0 0 0

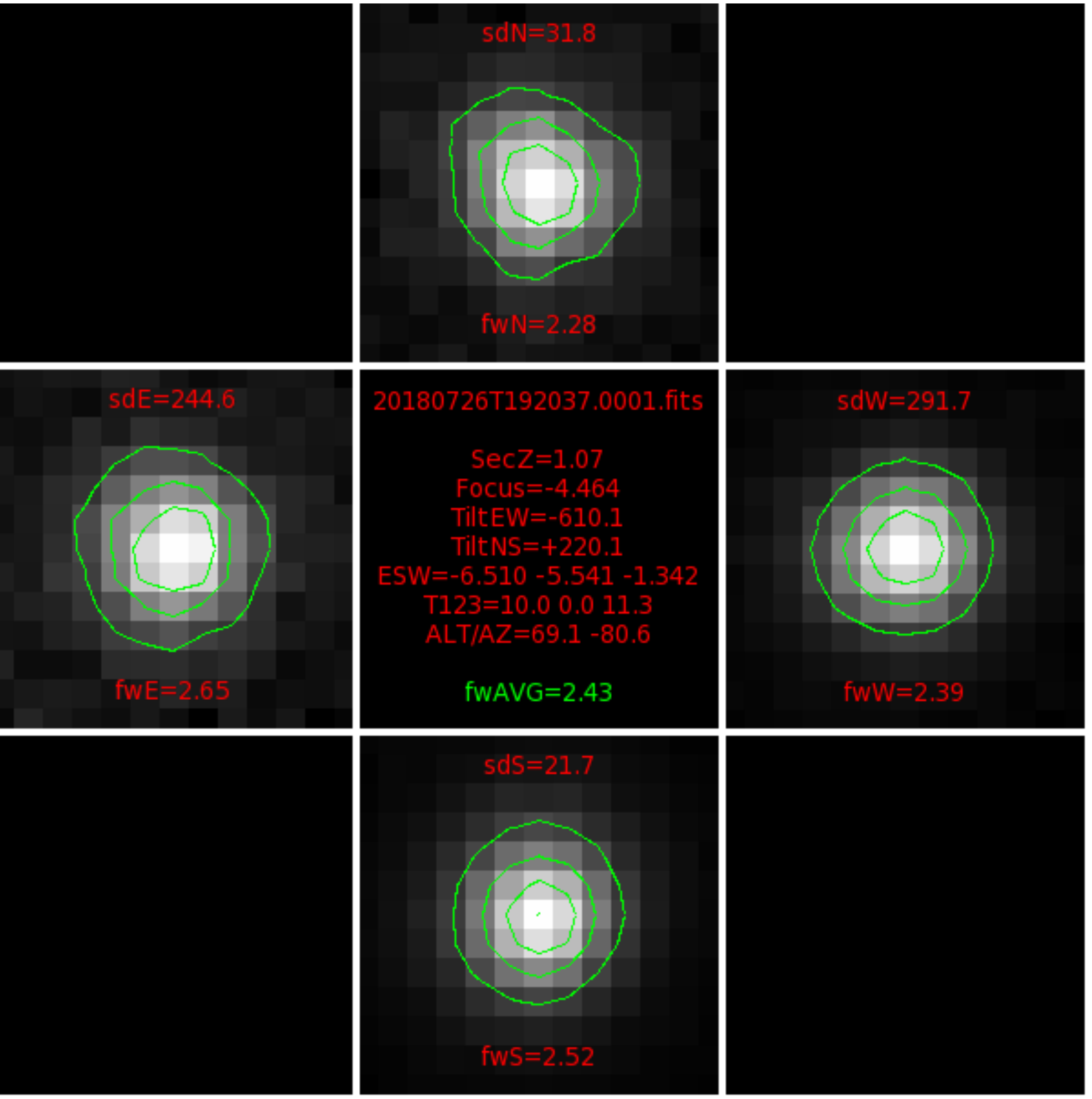

sdN=58.1
fwN=1.88
sdE=404.2
fwE=1.93
20180726T191510.0001.fits
SecZ=1.05
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 8.9 11.2
ALT/AZ=72.8 -58.5
fwAVG=1.90
sdW=44.3
fwW=1.90
sdS=388.6
fwS=1.97
0 0 0 0 0 0 0 0 0

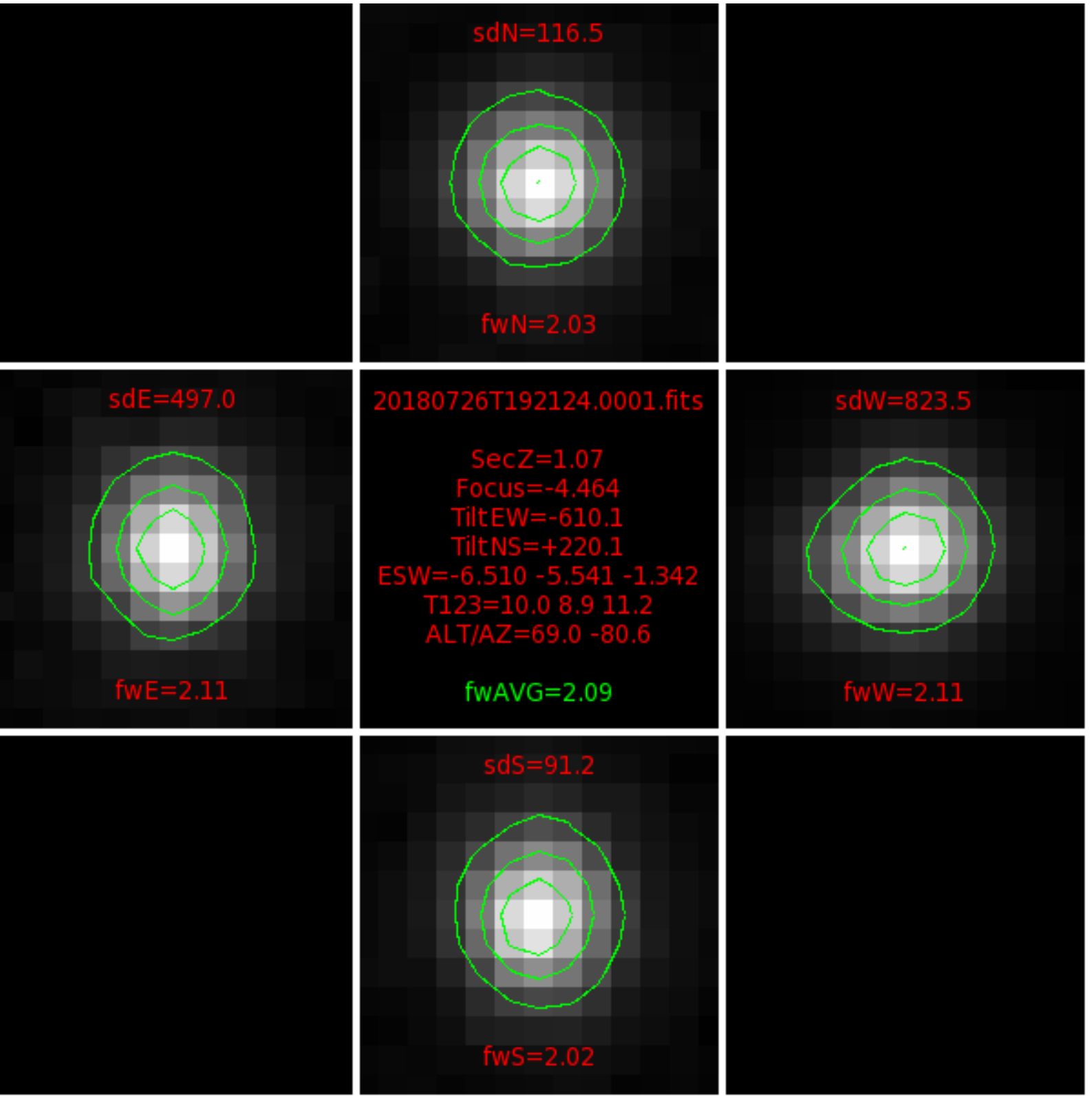

sdN=28.5
fwN=2.11
sdE=170.4
fwE=2.18
20180726T191637.0001.fits
SecZ=1.06
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.0 11.2
ALT/AZ=70.0 -80.8
fwAVG=1.95
sdW=229.3
fwW=1.75
sdS=26.6
fwS=2.14
0 0 0 0 0 0 0 0 0

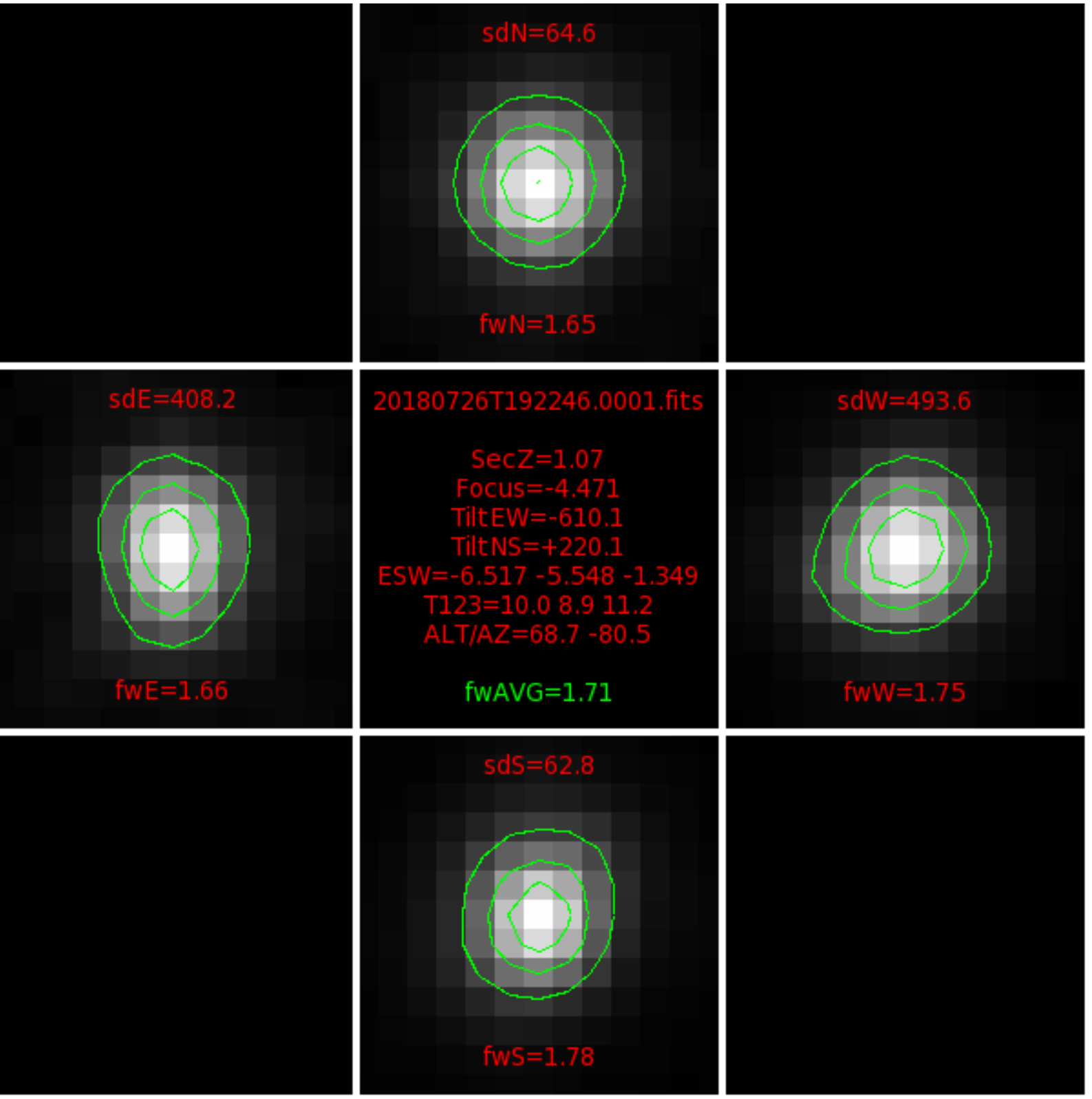

sdN=55.0
fwN=2.20
sdE=390.6
fwE=2.18
20180726T191722.0001.fits
SecZ=1.07
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.0 11.2
ALT/AZ=69.8 -80.7
fwAVG=2.24
sdW=518.8
fwW=2.29
sdS=39.1
fwS=2.19
0 0 0 0 0 0 0 0 0

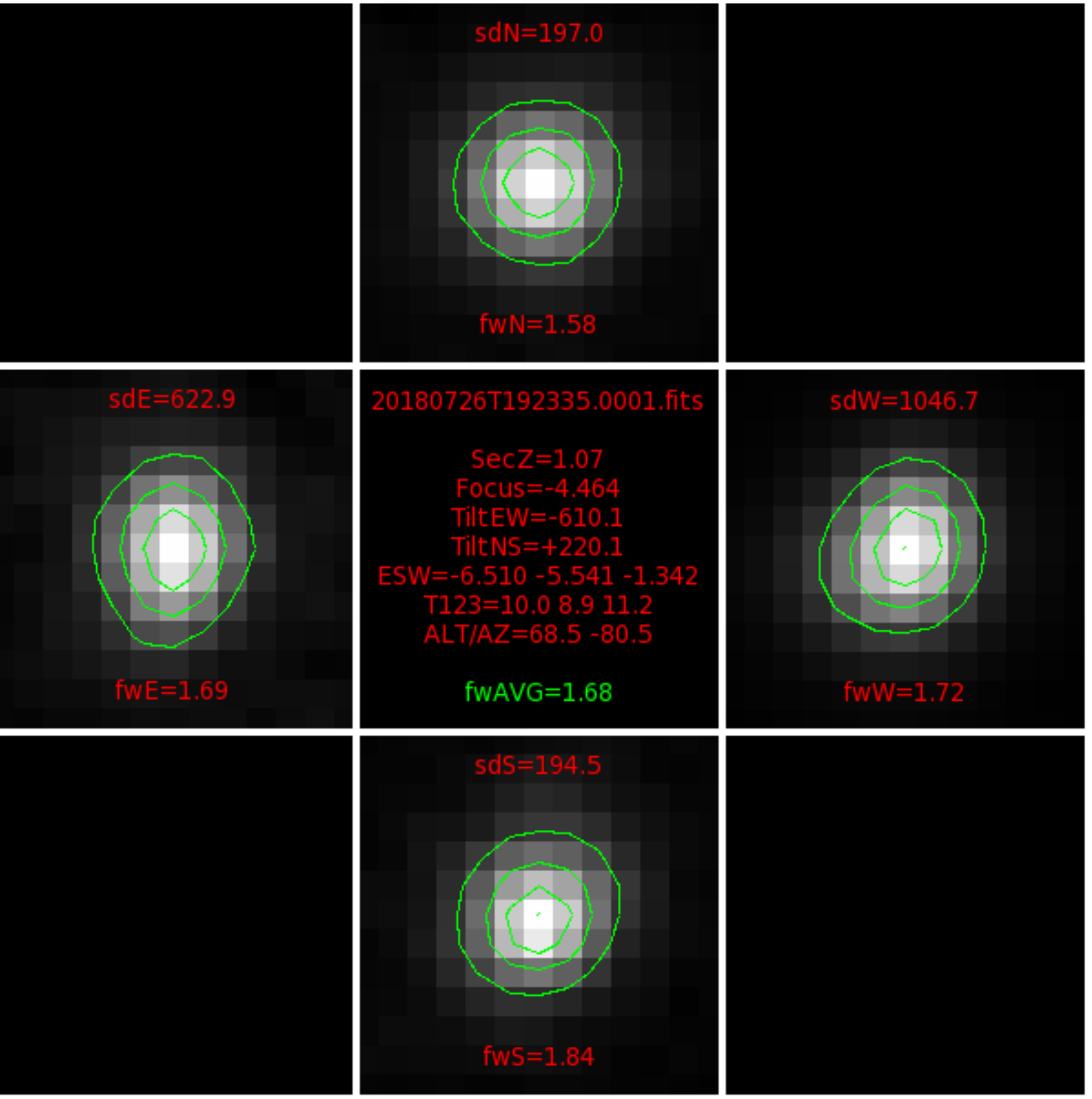

sdN=13.6
fwN=2.54
sdE=74.9
fwE=2.74
20180726T191835.0001.fits
SecZ=1.05
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 0.0 11.2
ALT/AZ=72.1 -59.2
fwAVG=3.14
sdW=17.7
fwW=3.63
sdS=15.8
fwS=3.29
0 0 0 0 0 0 0 0 0

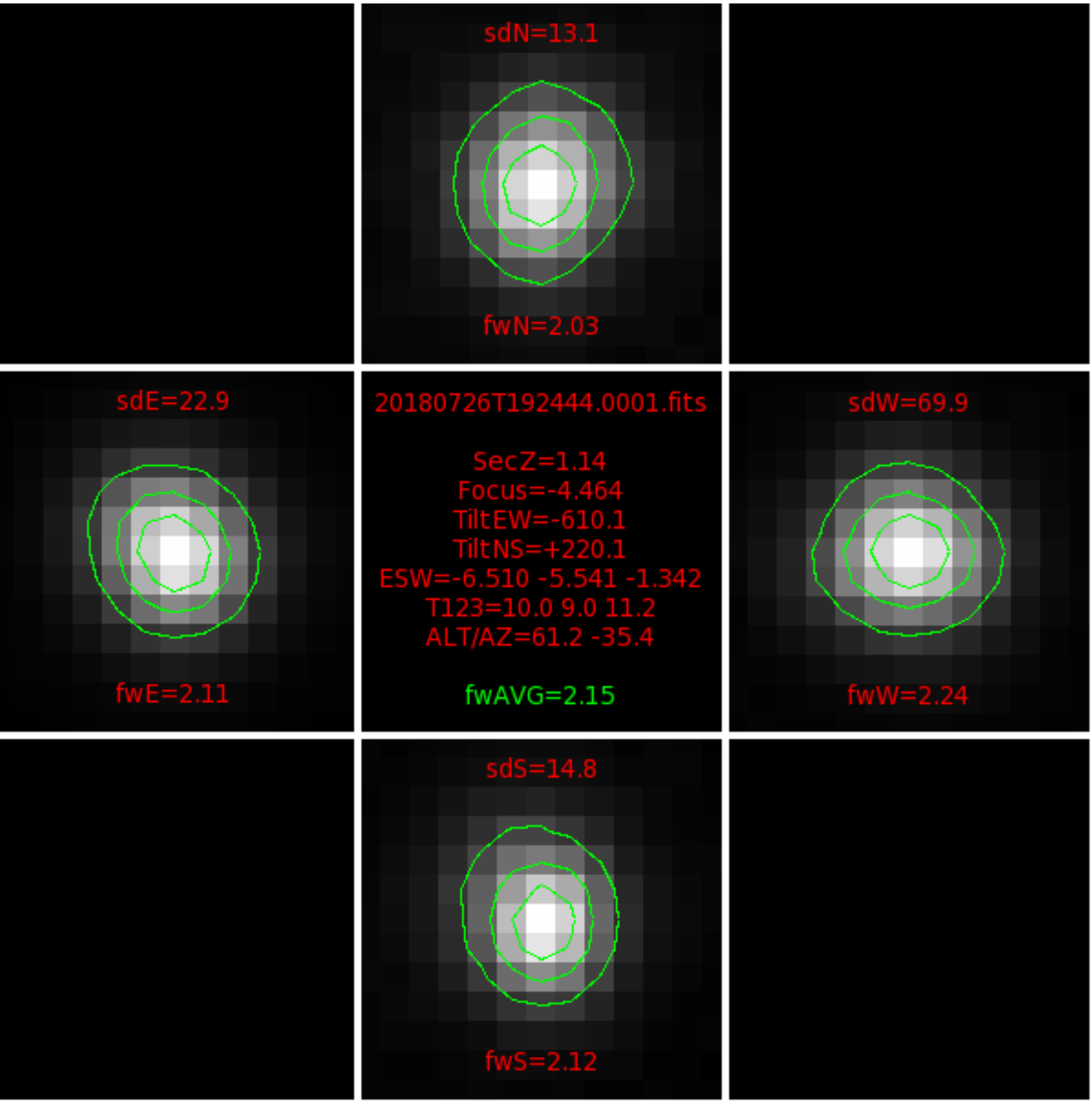

sdN=46.3
fwN=2.92
sdE=101.1
fwE=2.75
20180726T191923.0001.fits
SecZ=1.05
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.0 11.2
ALT/AZ=72.0 -59.4
fwAVG=2.77
sdW=44.7
fwW=2.70
sdS=54.2
fwS=3.21
0 0 0 0 0 0 0 0 0

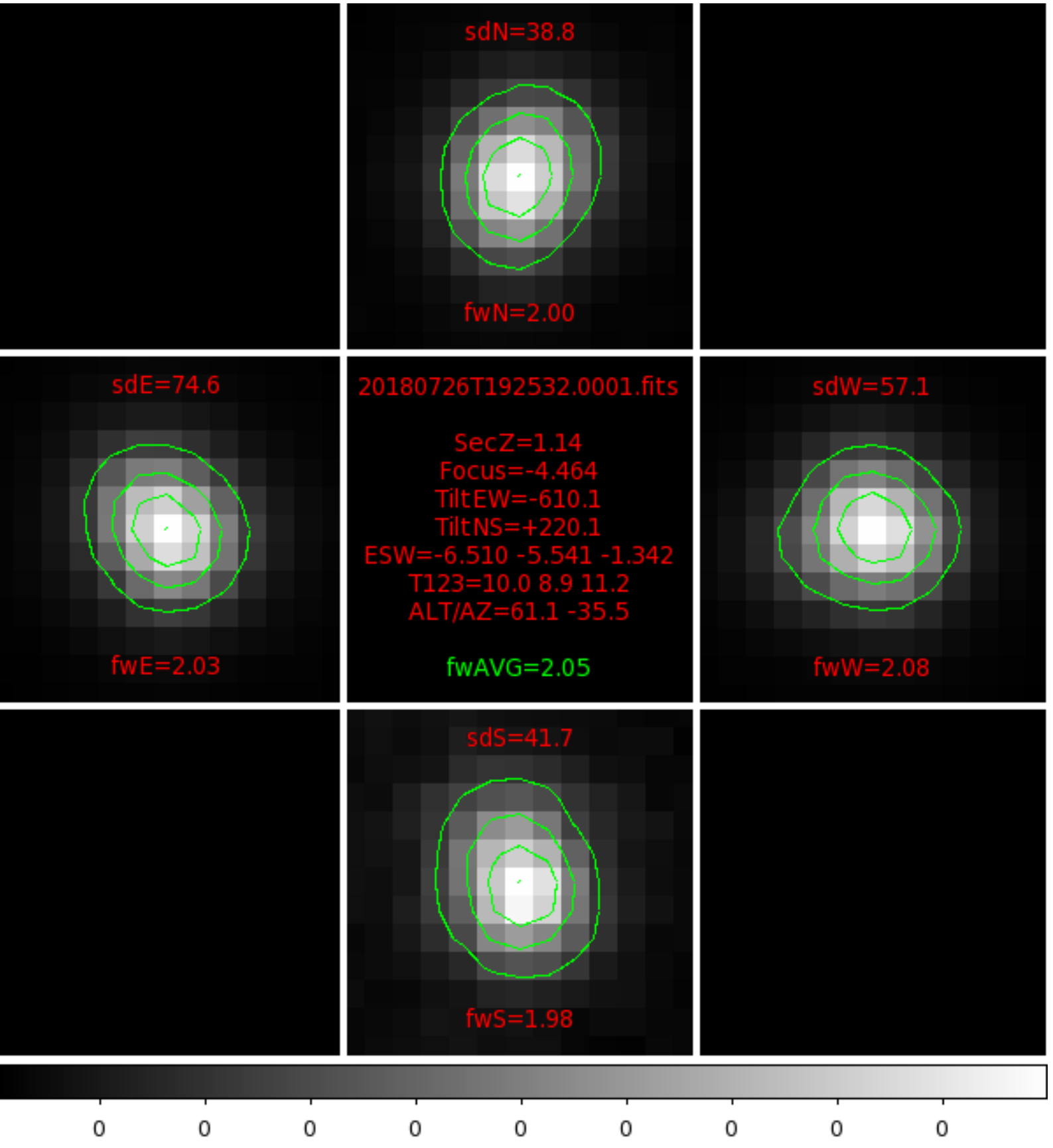

sdN=31.8
fwN=2.28
sdE=244.6
fwE=2.65
20180726T192037.0001.fits
SecZ=1.07
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 0.0 11.3
ALT/AZ=69.1 -80.6
fwAVG=2.43
sdW=291.7
fwW=2.39
sdS=21.7
fwS=2.52
0 0 0 0 0 0 0 0 0

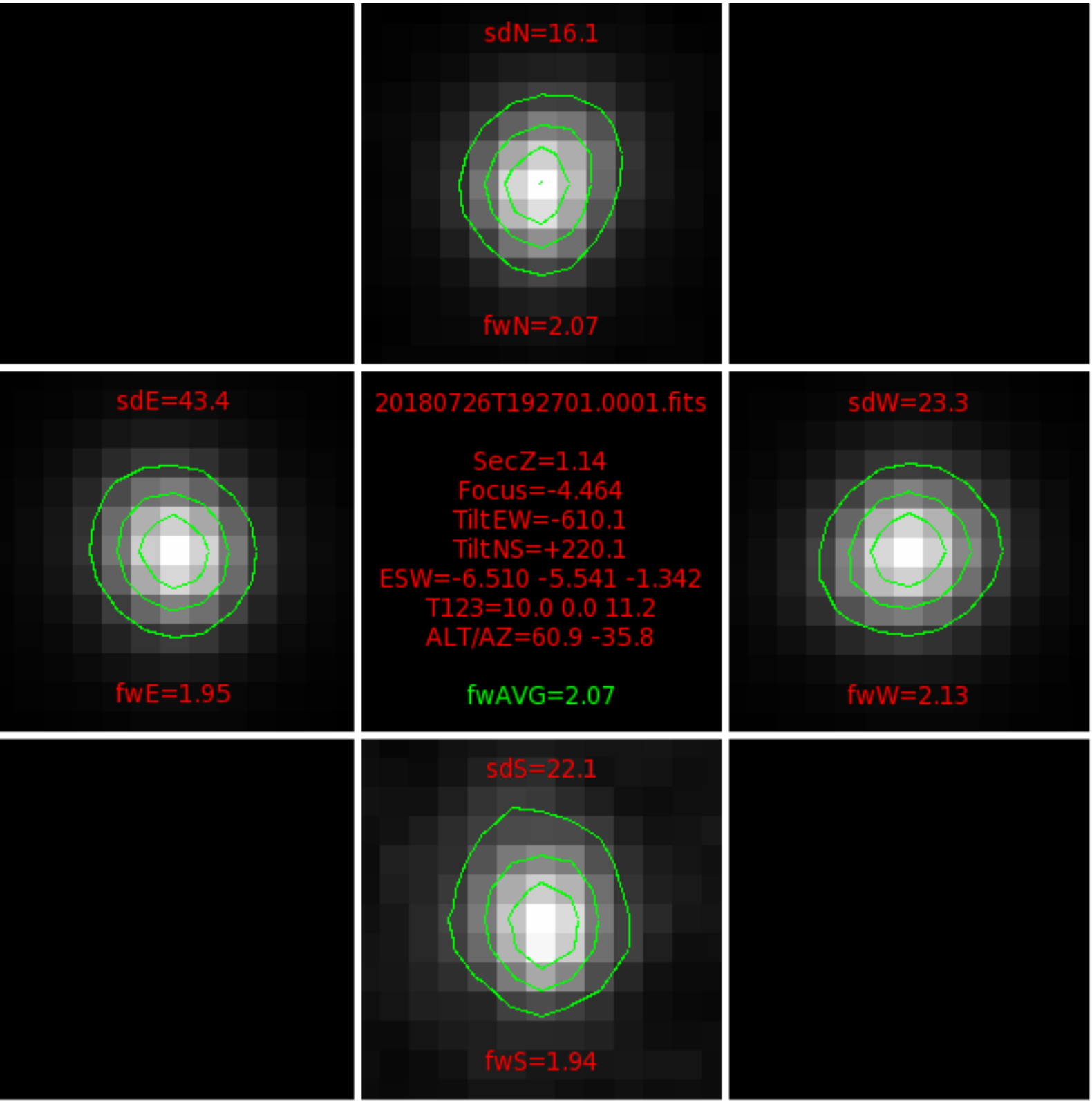

sdN=116.5
fwN=2.03
sdE=497.0
fwE=2.11
20180726T192124.0001.fits
SecZ=1.07
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 8.9 11.2
ALT/AZ=69.0 -80.6
fwAVG=2.09
sdW=823.5
fwW=2.11
sdS=91.2
fwS=2.02
0 0 0 0 0 0 0 0 0

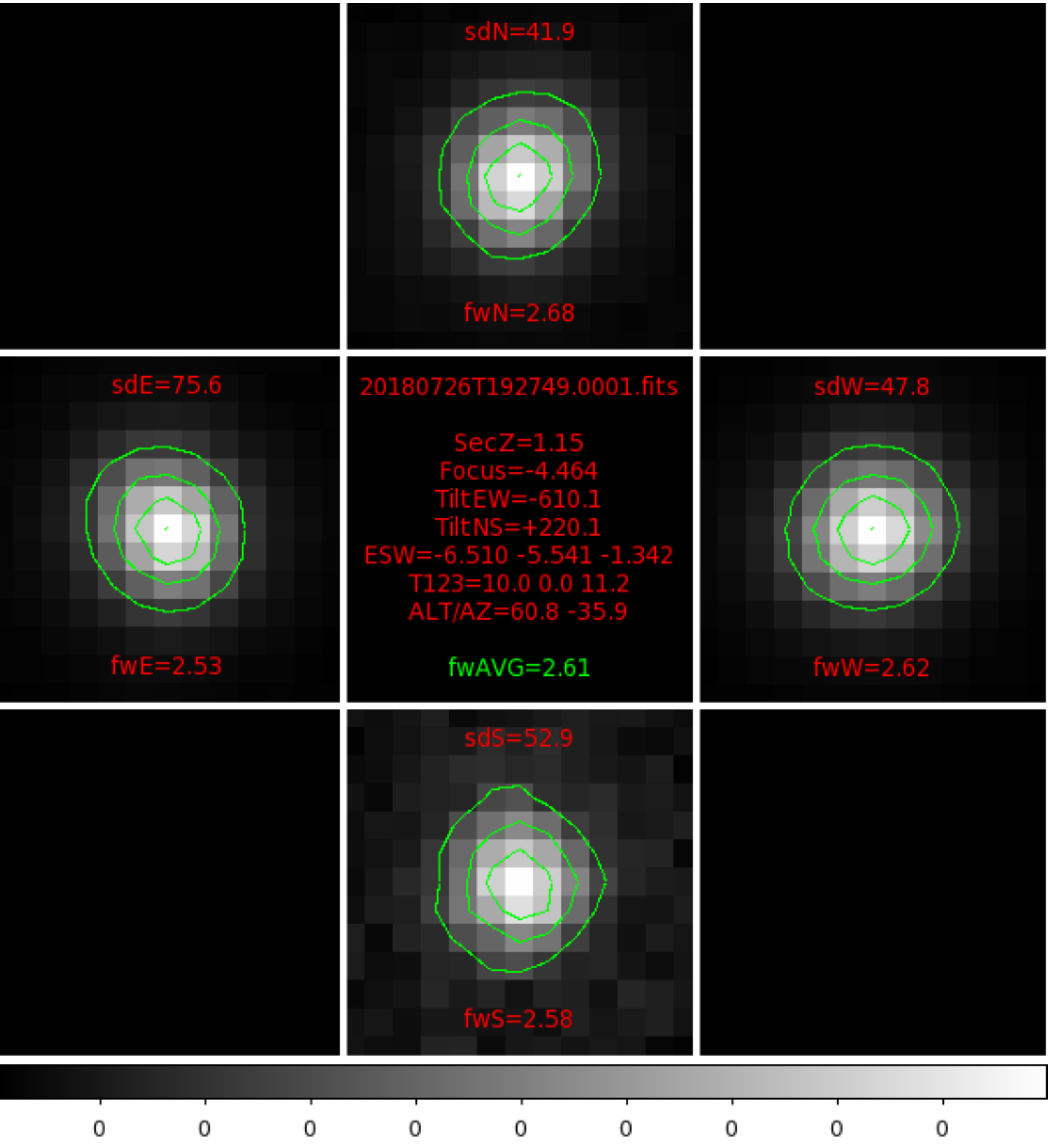

sdN=64.6
fwN=1.65
sdE=408.2
fwE=1.66
20180726T192246.0001.fits
SecZ=1.07
Focus=-4.471
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.517 -5.548 -1.349
T123=10.0 8.9 11.2
ALT/AZ=68.7 -80.5
fwAVG=1.71
sdW=493.6
fwW=1.75
sdS=62.8
fwS=1.78
0 0 0 0 0 0 0 0 0

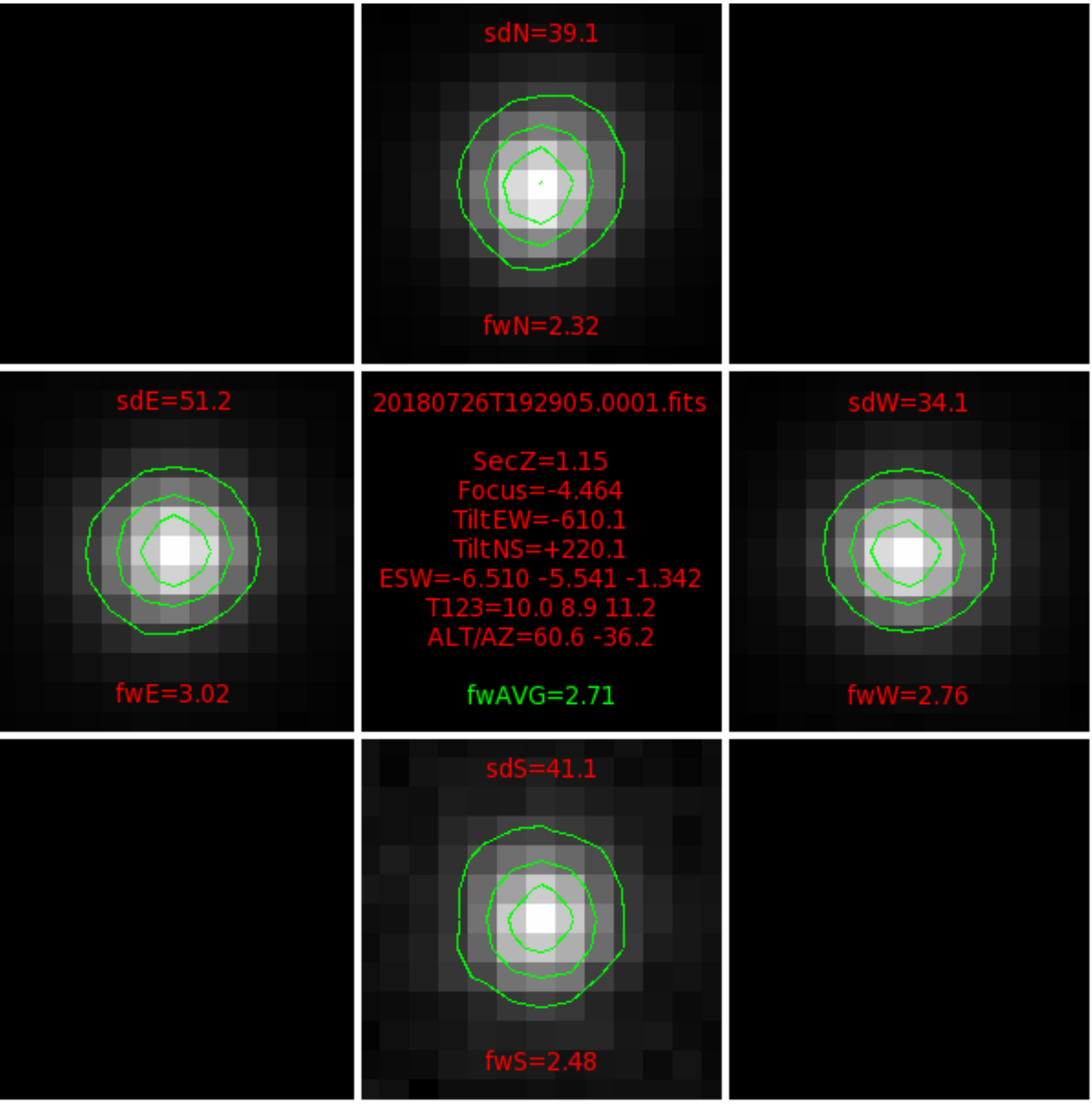

sdN=197.0
fwN=1.58
sdE=622.9
fwE=1.69
20180726T192335.0001.fits
SecZ=1.07
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 8.9 11.2
ALT/AZ=68.5 -80.5
fwAVG=1.68
sdW=1046.7
fwW=1.72
sdS=194.5
fwS=1.84
0 0 0 0 0 0 0 0 0

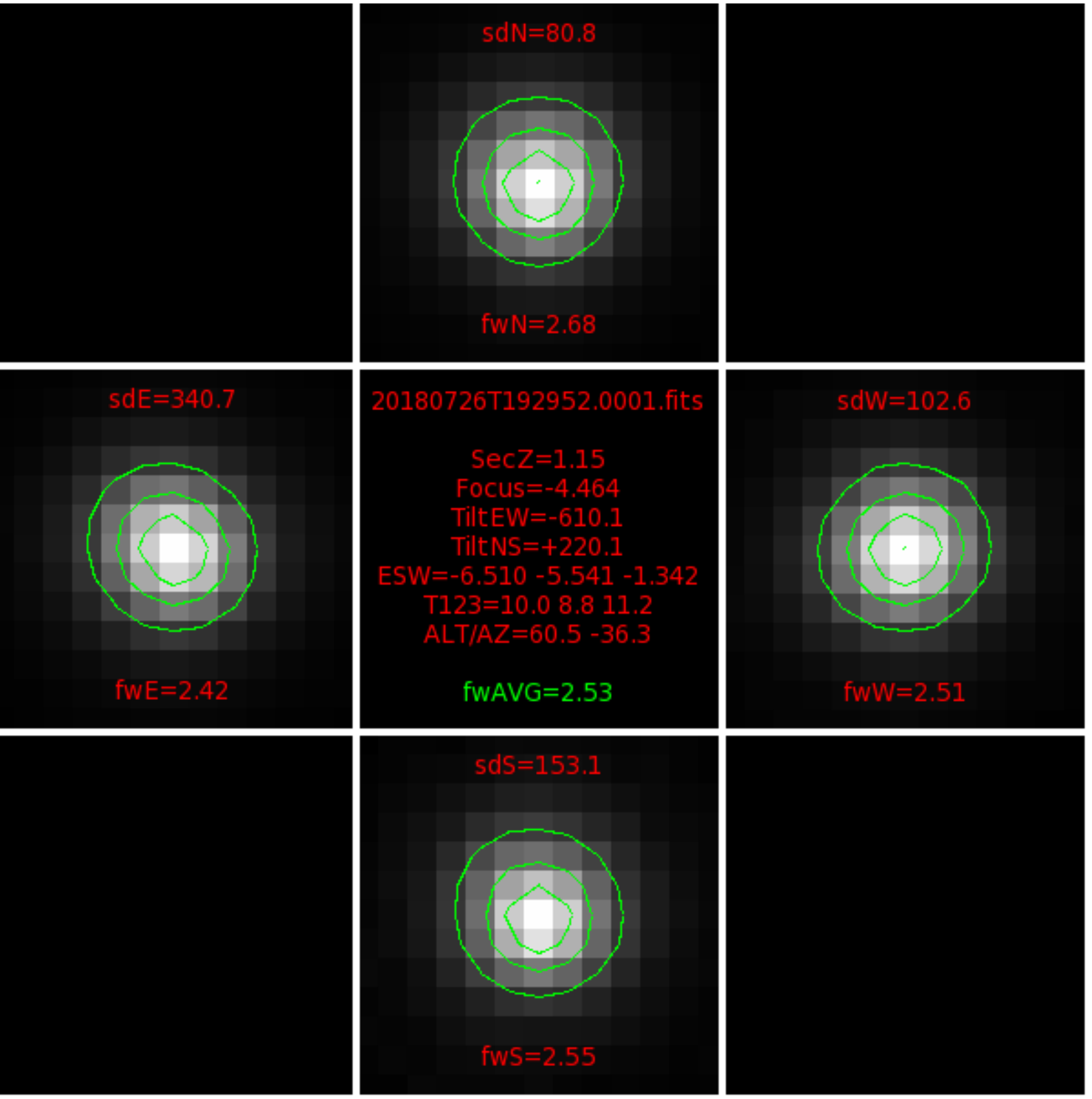

sdN=13.1
fwN=2.03
sdE=22.9
fwE=2.11
20180726T192444.0001.fits
SecZ=1.14
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.0 11.2
ALT/AZ=61.2 -35.4
fwAVG=2.15
sdW=69.9
fwW=2.24
sdS=14.8
fwS=2.12
0 0 0 0 0 0 0 0 0

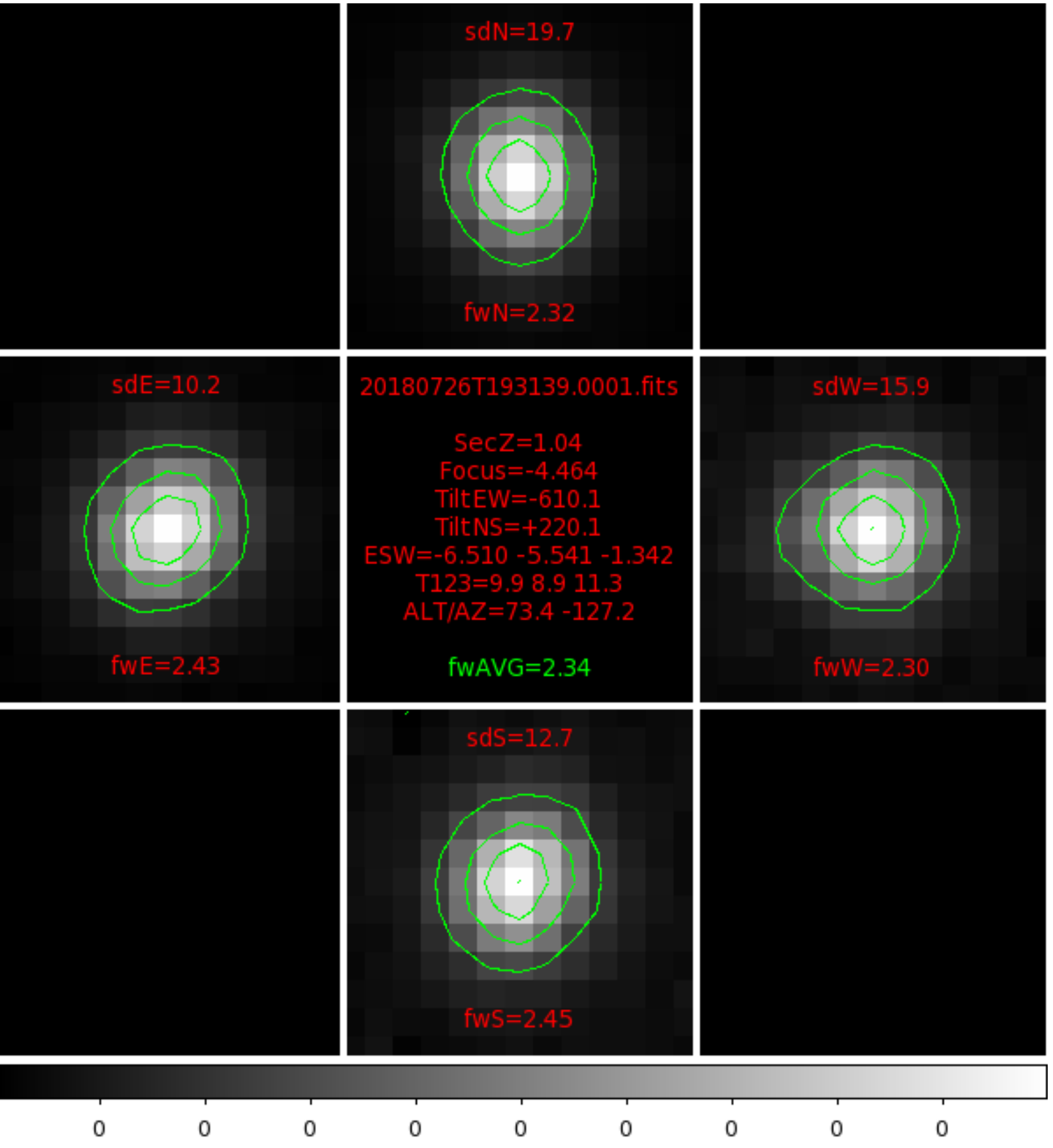

sdN=38.8
fwN=2.00
sdE=74.6
fwE=2.03
20180726T192532.0001.fits
SecZ=1.14
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 8.9 11.2
ALT/AZ=61.1 -35.5
fwAVG=2.05
sdW=57.1
fwW=2.08
sdS=41.7
fwS=1.98
0 0 0 0 0 0 0 0 0

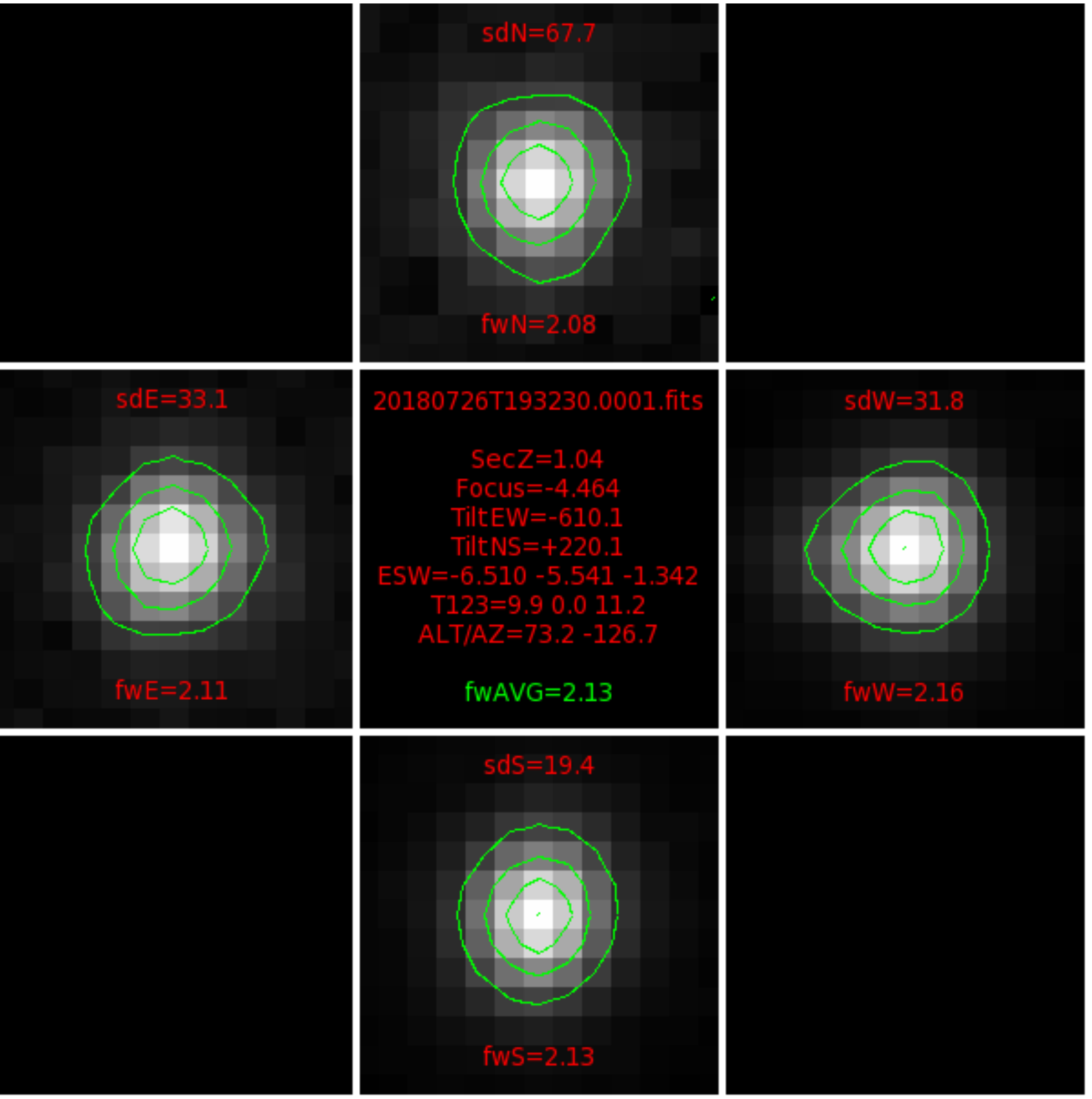

sdN=16.1
fwN=2.07
sdE=43.4
fwE=1.95
20180726T192701.0001.fits
SecZ=1.14
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 0.0 11.2
ALT/AZ=60.9 -35.8
fwAVG=2.07
sdW=23.3
fwW=2.13
sdS=22.1
fwS=1.94
0 0 0 0 0 0 0 0 0

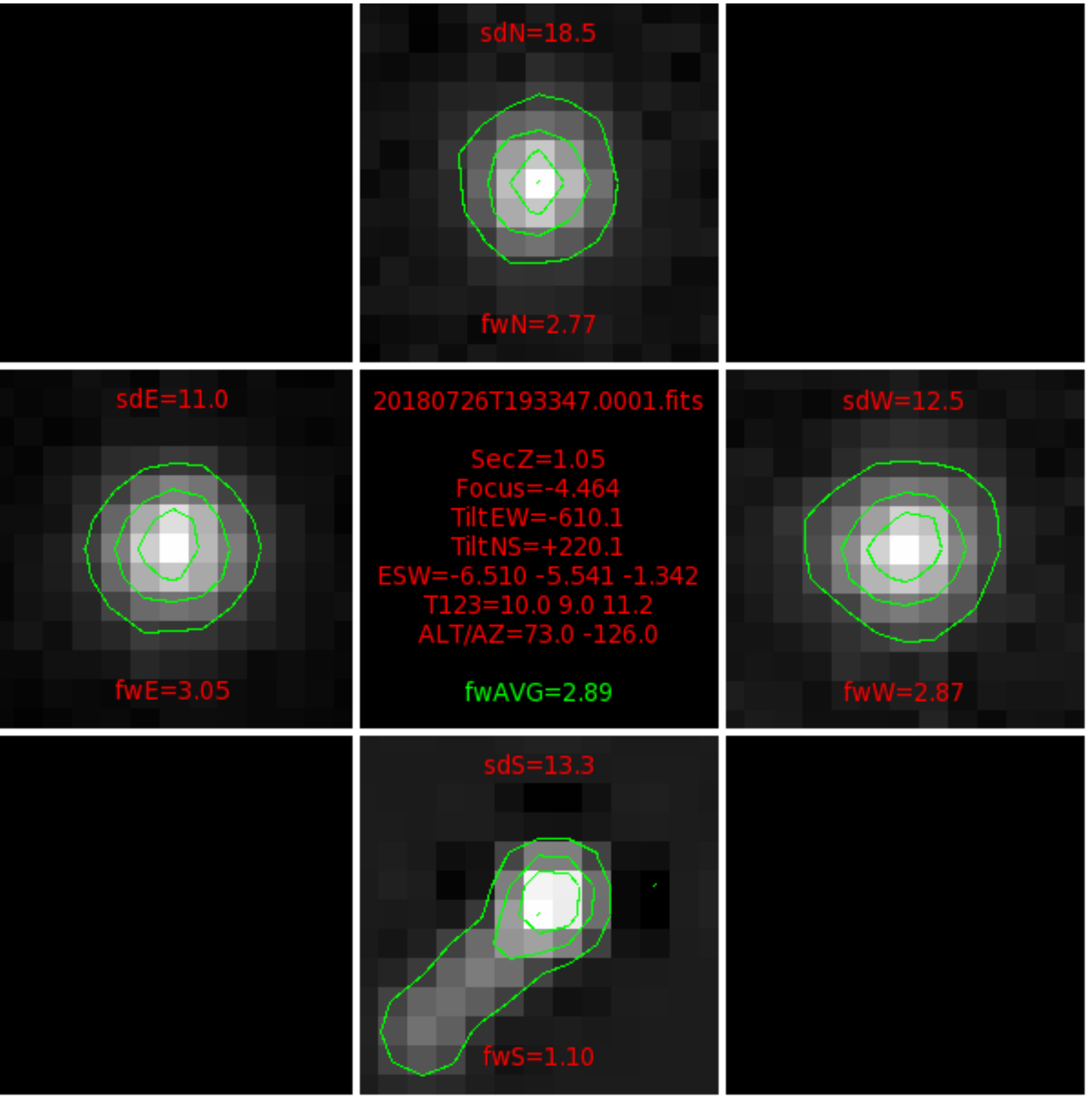

sdN=41.9
fwN=2.68
sdE=75.6
fwE=2.53
20180726T192749.0001.fits
SecZ=1.15
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 0.0 11.2
ALT/AZ=60.8 -35.9
fwAVG=2.61
sdW=47.8
fwW=2.62
sdS=52.9
fwS=2.58
0 0 0 0 0 0 0 0 0

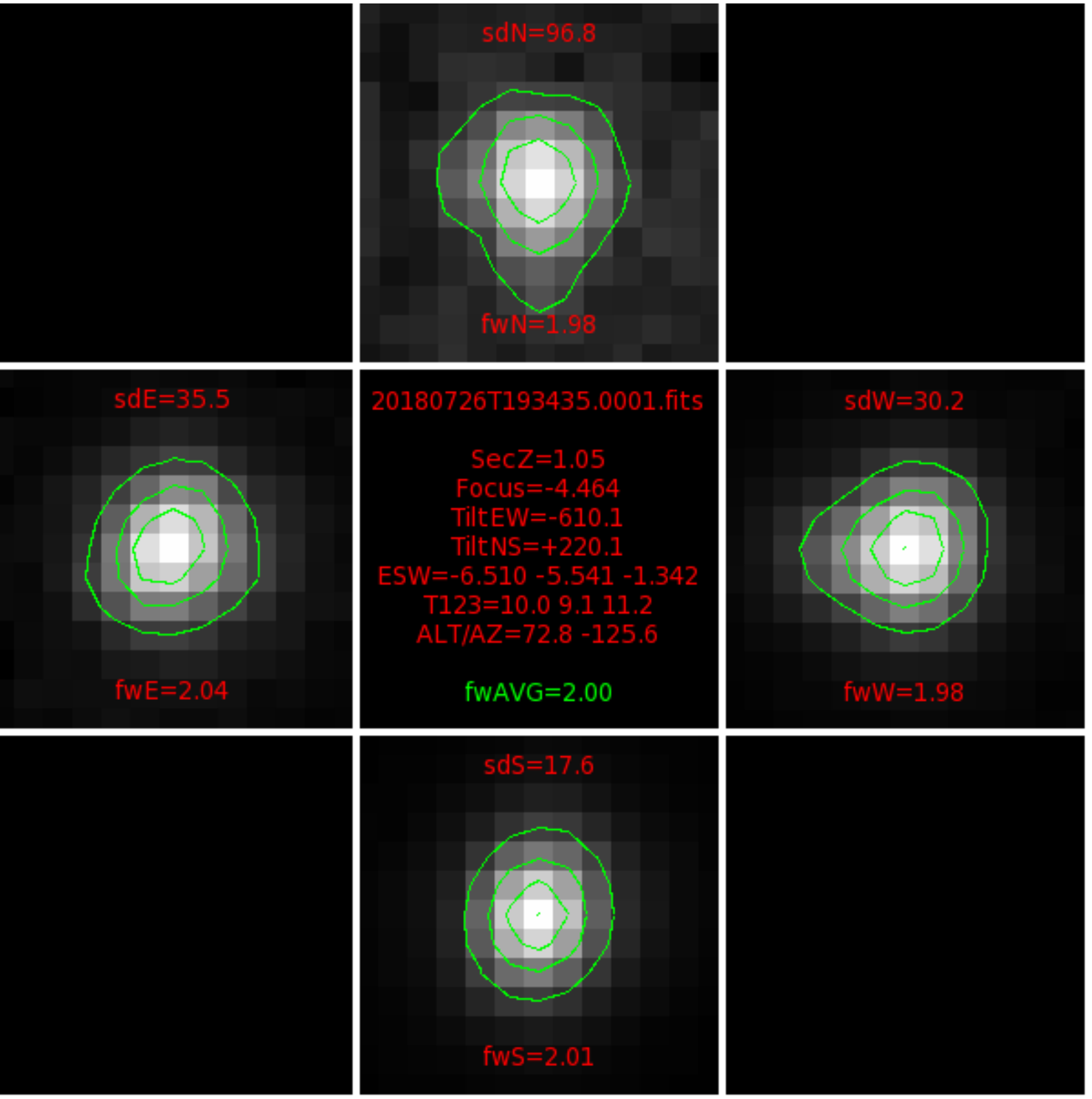

sdN=39.1
fwN=2.32
sdE=51.2
fwE=3.02
20180726T192905.0001.fits
SecZ=1.15
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 8.9 11.2
ALT/AZ=60.6 -36.2
fwAVG=2.71
sdW=34.1
fwW=2.76
sdS=41.1
fwS=2.48
0 0 0 0 0 0 0 0 0

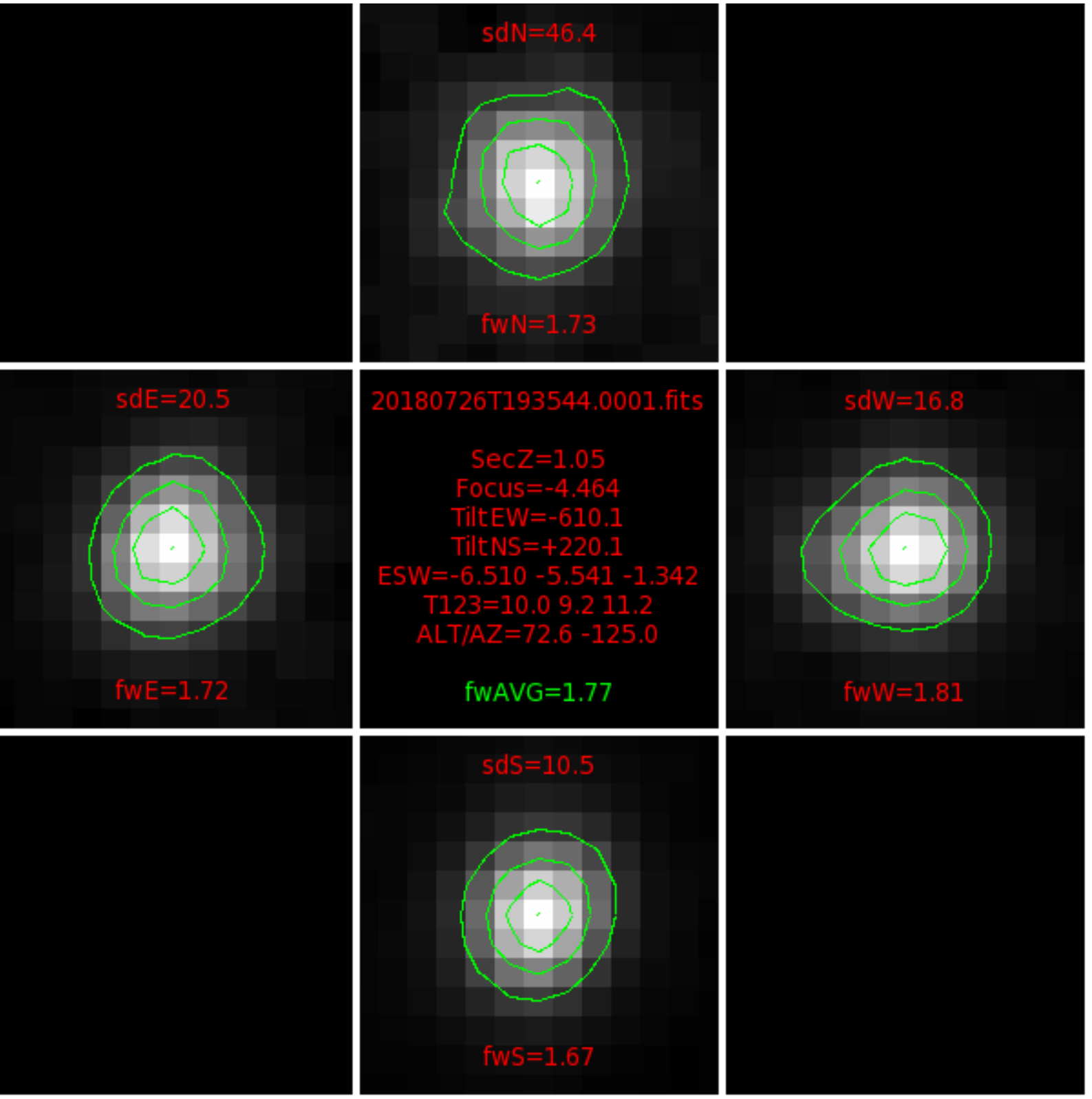

sdN=80.8
fwN=2.68
sdE=340.7
fwE=2.42
20180726T192952.0001.fits
SecZ=1.15
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 8.8 11.2
ALT/AZ=60.5 -36.3
fwAVG=2.53
sdW=102.6
fwW=2.51
sdS=153.1
fwS=2.55
0 0 0 0 0 0 0 0 0

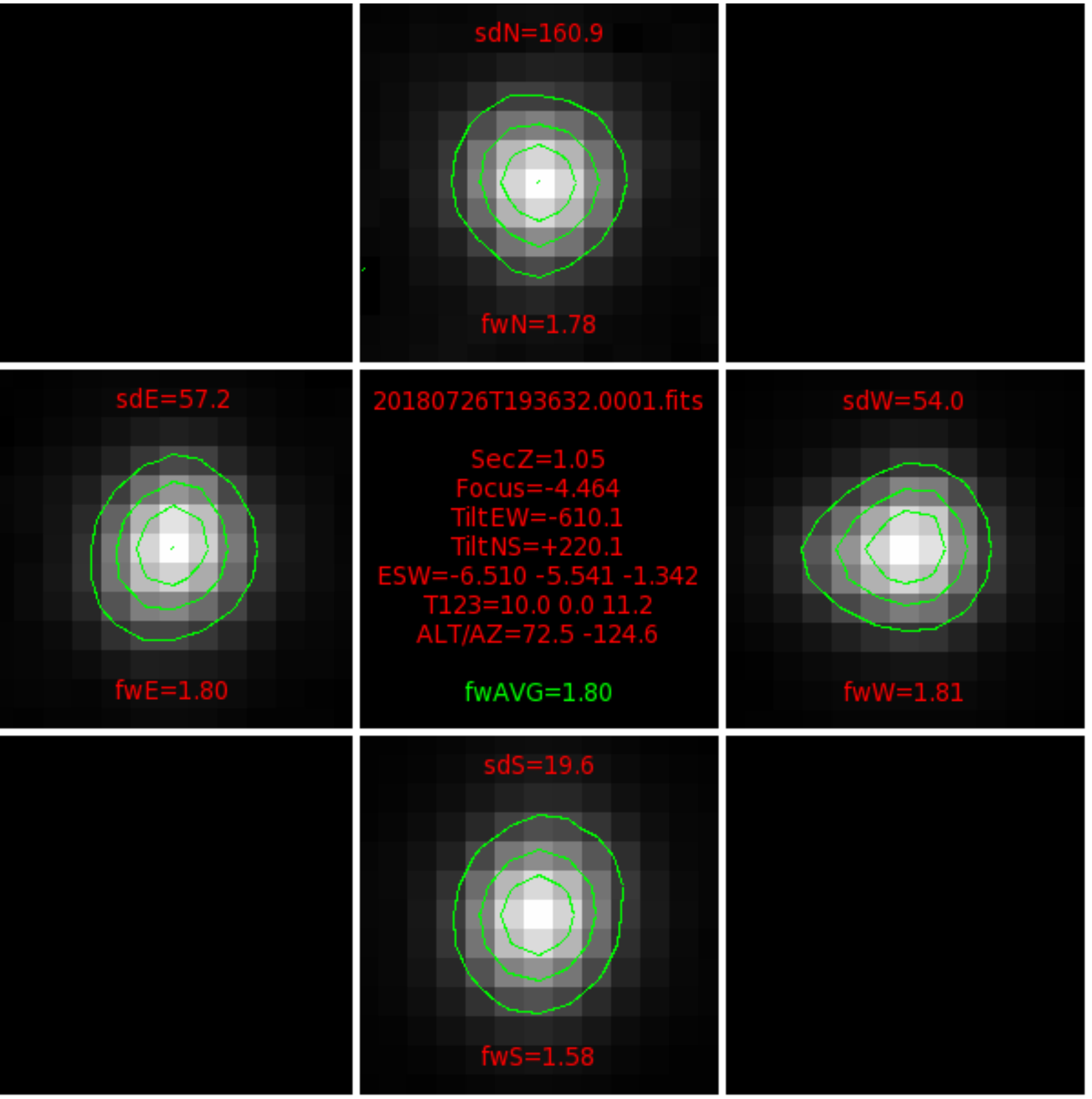

sdN=19.7
fwN=2.32
sdE=10.2
fwE=2.43
20180726T193139.0001.fits
SecZ=1.04
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=9.9 8.9 11.3
ALT/AZ=73.4 -127.2
fwAVG=2.34
sdW=15.9
fwW=2.30
sdS=12.7
fwS=2.45
0 0 0 0 0 0 0 0 0

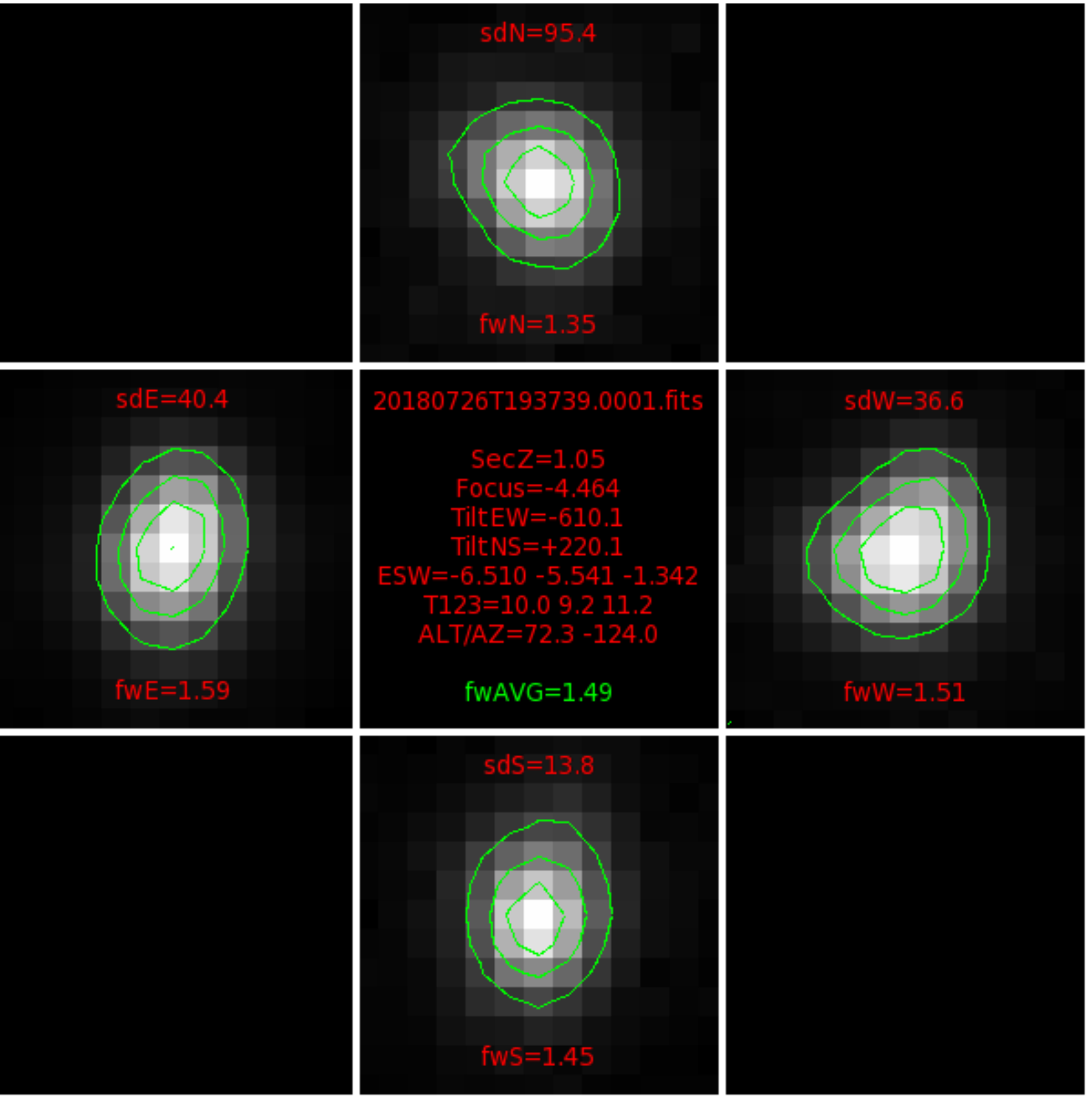

sdN=67.7
fwN=2.08
sdE=33.1
fwE=2.11
20180726T193230.0001.fits
SecZ=1.04
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=9.9 0.0 11.2
ALT/AZ=73.2 -126.7
fwAVG=2.13
sdW=31.8
fwW=2.16
sdS=19.4
fwS=2.13
0 0 0 0 0 0 0 0 0

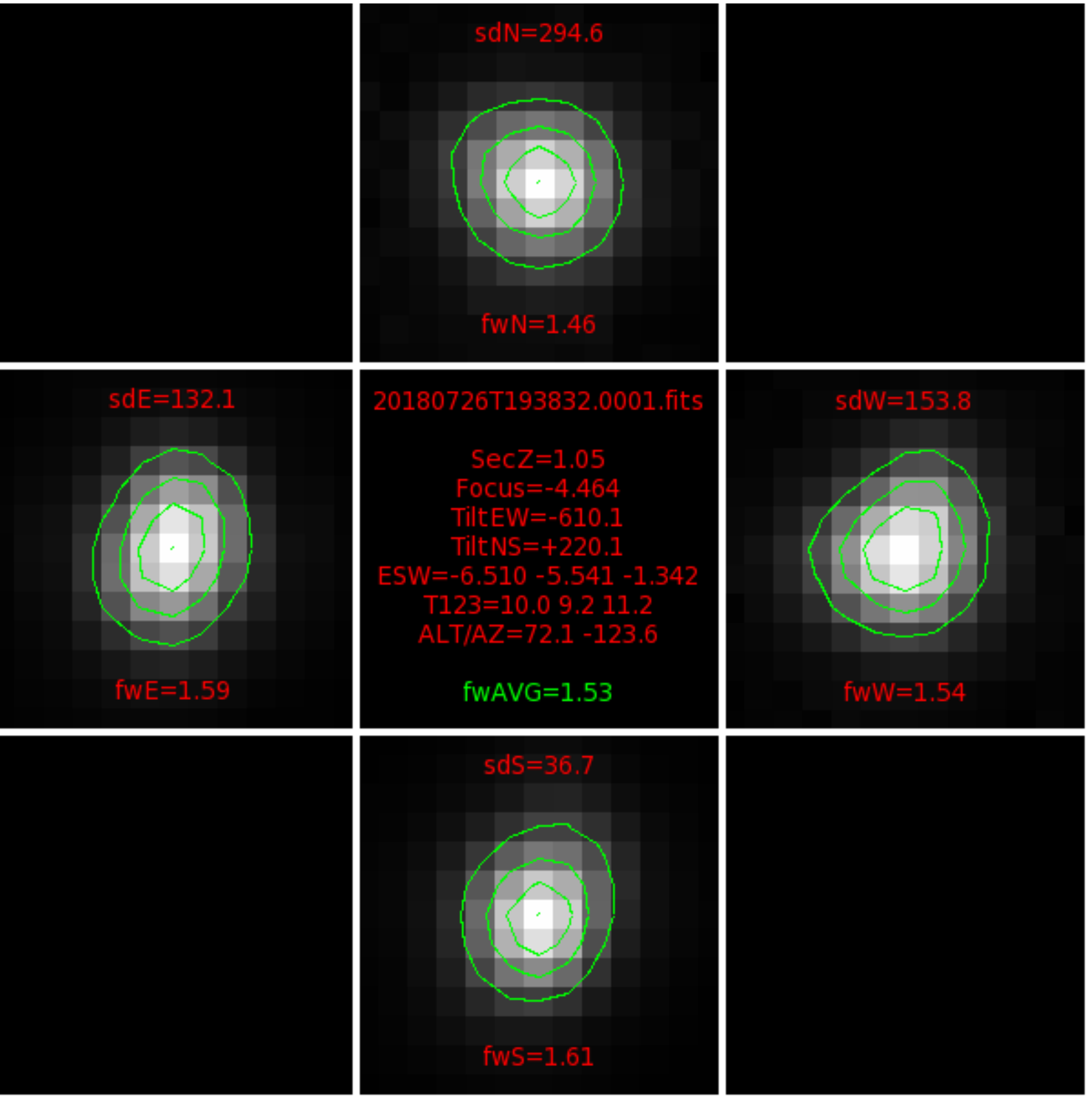

sdN=18.5
fwN=2.77
sdE=11.0
fwE=3.05
20180726T193347.0001.fits
SecZ=1.05
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.0 11.2
ALT/AZ=73.0 -126.0
fwAVG=2.89
sdW=12.5
fwW=2.87
sdS=13.3
fwS=1.10
0 0 0 0 0 0 0 0 0


sdN=96.8
fwN=1.98
sdE=35.5
fwE=2.04
20180726T193435.0001.fits
SecZ=1.05
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.1 11.2
ALT/AZ=72.8 -125.6
fwAVG=2.00
sdW=30.2
fwW=1.98
sdS=17.6
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=46.4
fwN=1.73
sdE=20.5
fwE=1.72
20180726T193544.0001.fits
SecZ=1.05
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.2 11.2
ALT/AZ=72.6 -125.0
fwAVG=1.77
sdW=16.8
fwW=1.81
sdS=10.5
fwS=1.67
0 0 0 0 0 0 0 0 0


sdN=160.9
fwN=1.78
sdE=57.2
fwE=1.80
20180726T193632.0001.fits
SecZ=1.05
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 0.0 11.2
ALT/AZ=72.5 -124.6
fwAVG=1.80
sdW=54.0
fwW=1.81
sdS=19.6
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=95.4
fwN=1.35
sdE=40.4
fwE=1.59
20180726T193739.0001.fits
SecZ=1.05
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.2 11.2
ALT/AZ=72.3 -124.0
fwAVG=1.49
sdW=36.6
fwW=1.51
sdS=13.8
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=294.6
fwN=1.46
sdE=132.1
fwE=1.59
20180726T193832.0001.fits
SecZ=1.05
Focus=-4.464
TiltEW=-610.1
TiltNS=+220.1
ESW=-6.510 -5.541 -1.342
T123=10.0 9.2 11.2
ALT/AZ=72.1 -123.6
fwAVG=1.53
sdW=153.8
fwW=1.54
sdS=36.7
fwS=1.61
0 0 0 0 0 0 0 0 0