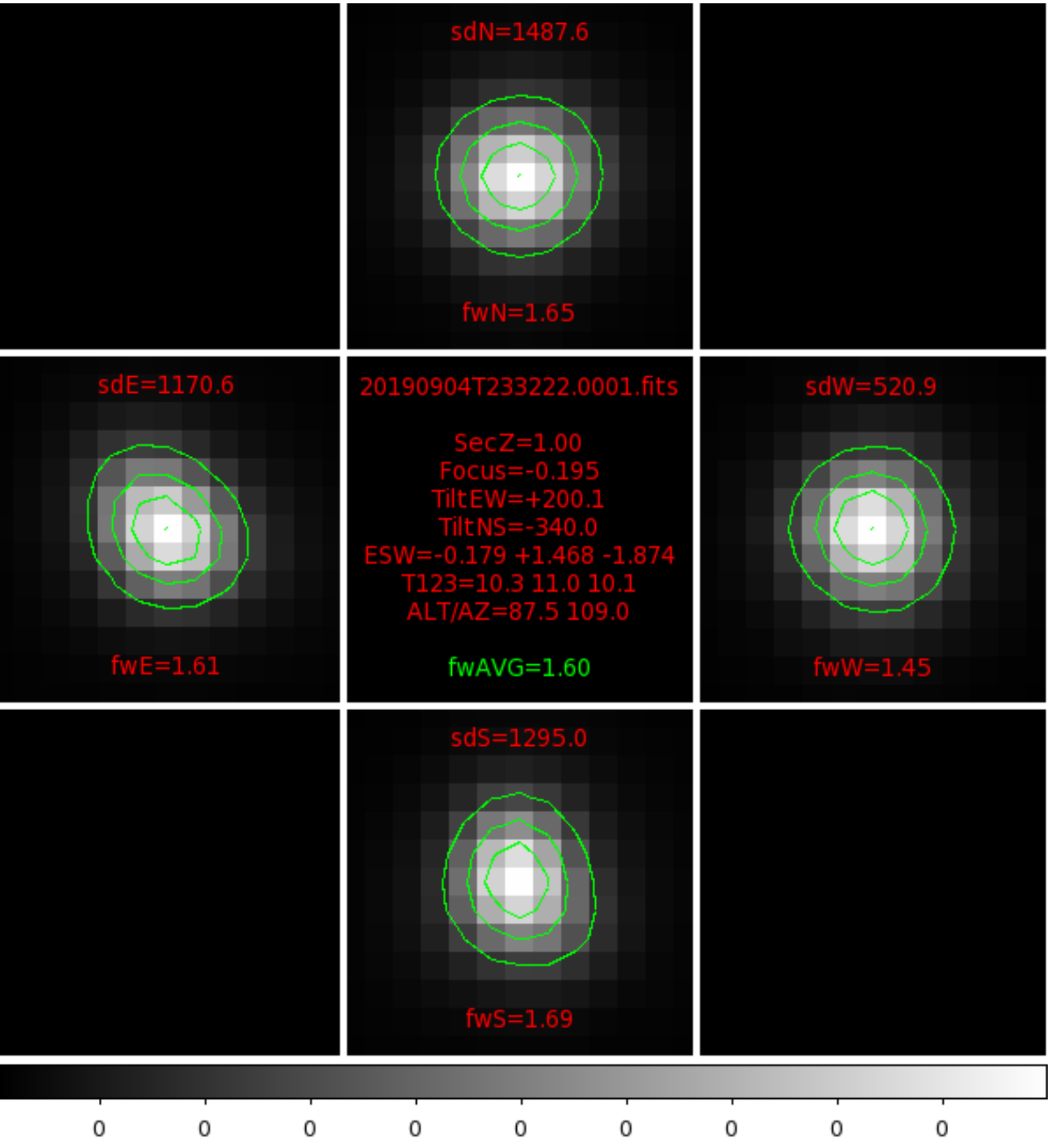
sdN=1487.6
fwN=1.65
sdE=1170.6
fwE=1.61
20190904T233222.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.3 11.0 10.1
ALT/AZ=87.5 109.0
fwAVG=1.60
sdW=520.9
fwW=1.45
sdS=1295.0
fwS=1.69
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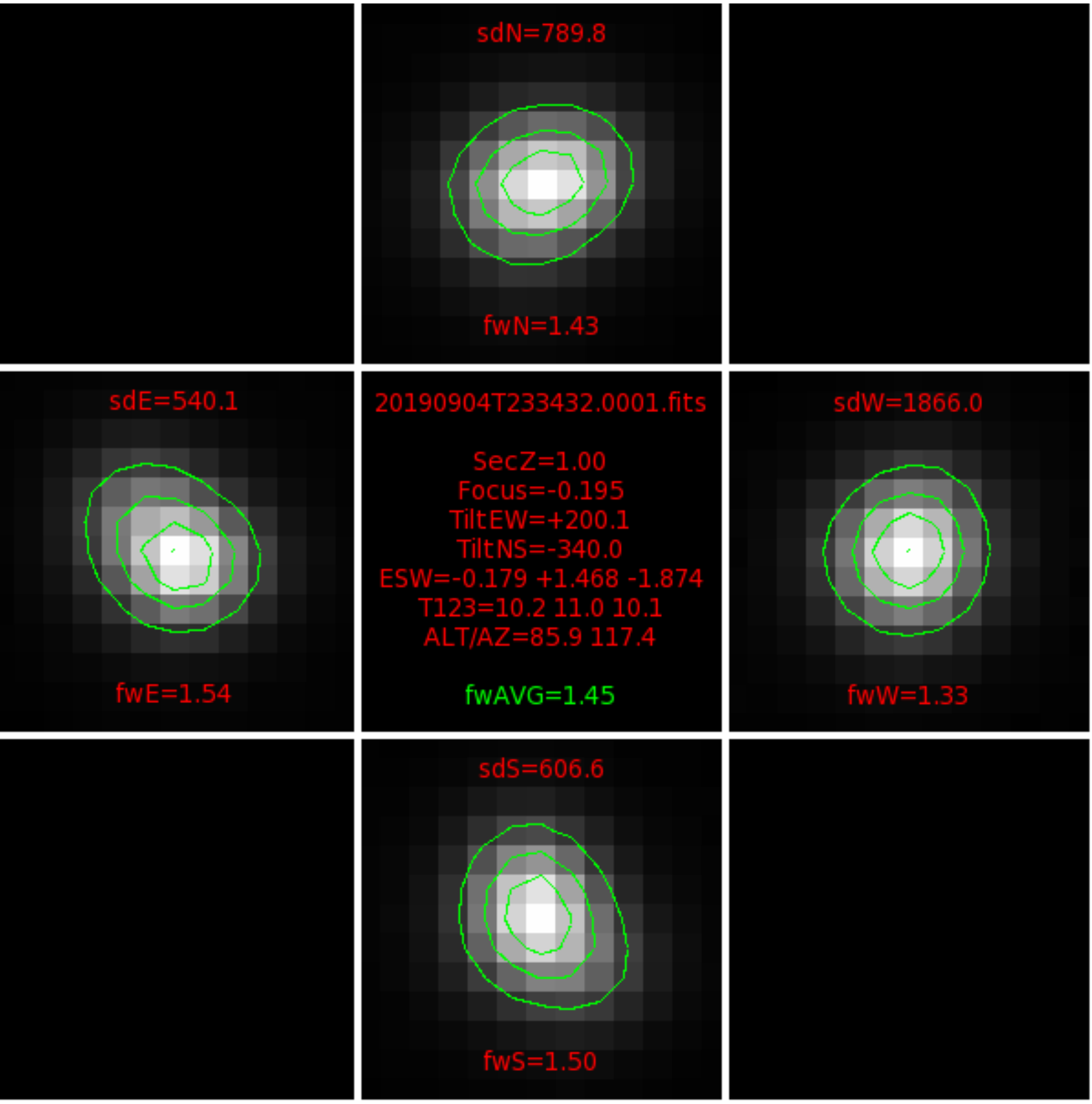
sdN=789.8
fwN=1.43
sdE=540.1
fwE=1.54
20190904T233432.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.2 11.0 10.1
ALT/AZ=85.9 117.4
fwAVG=1.45
sdW=1866.0
fwW=1.33
sdS=606.6
fwS=1.50
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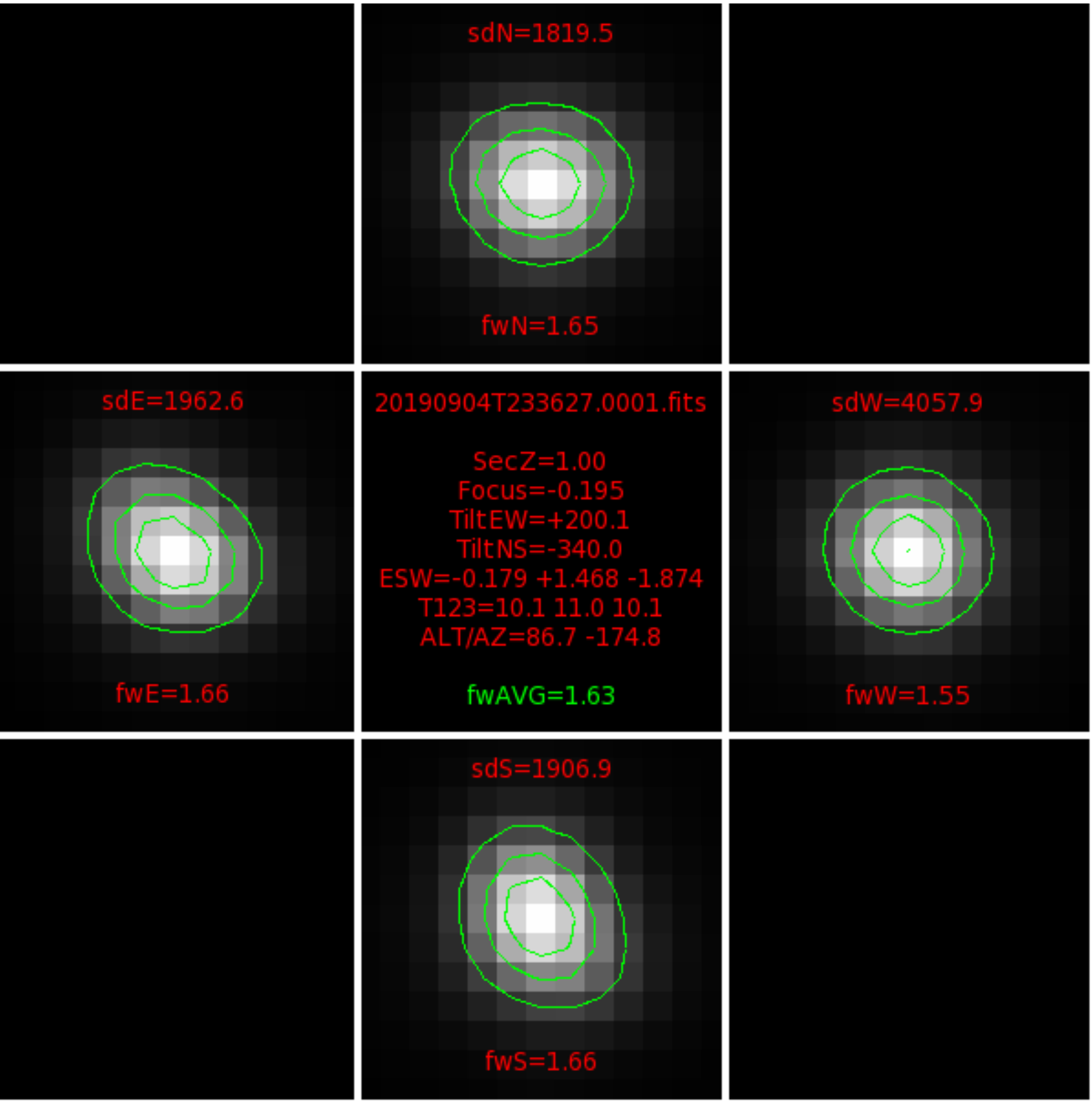
sdN=1819.5
fwN=1.65
sdE=1962.6
fwE=1.66
20190904T233627.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.1 11.0 10.1
ALT/AZ=86.7 -174.8
fwAVG=1.63
sdW=4057.9
fwW=1.55
sdS=1906.9
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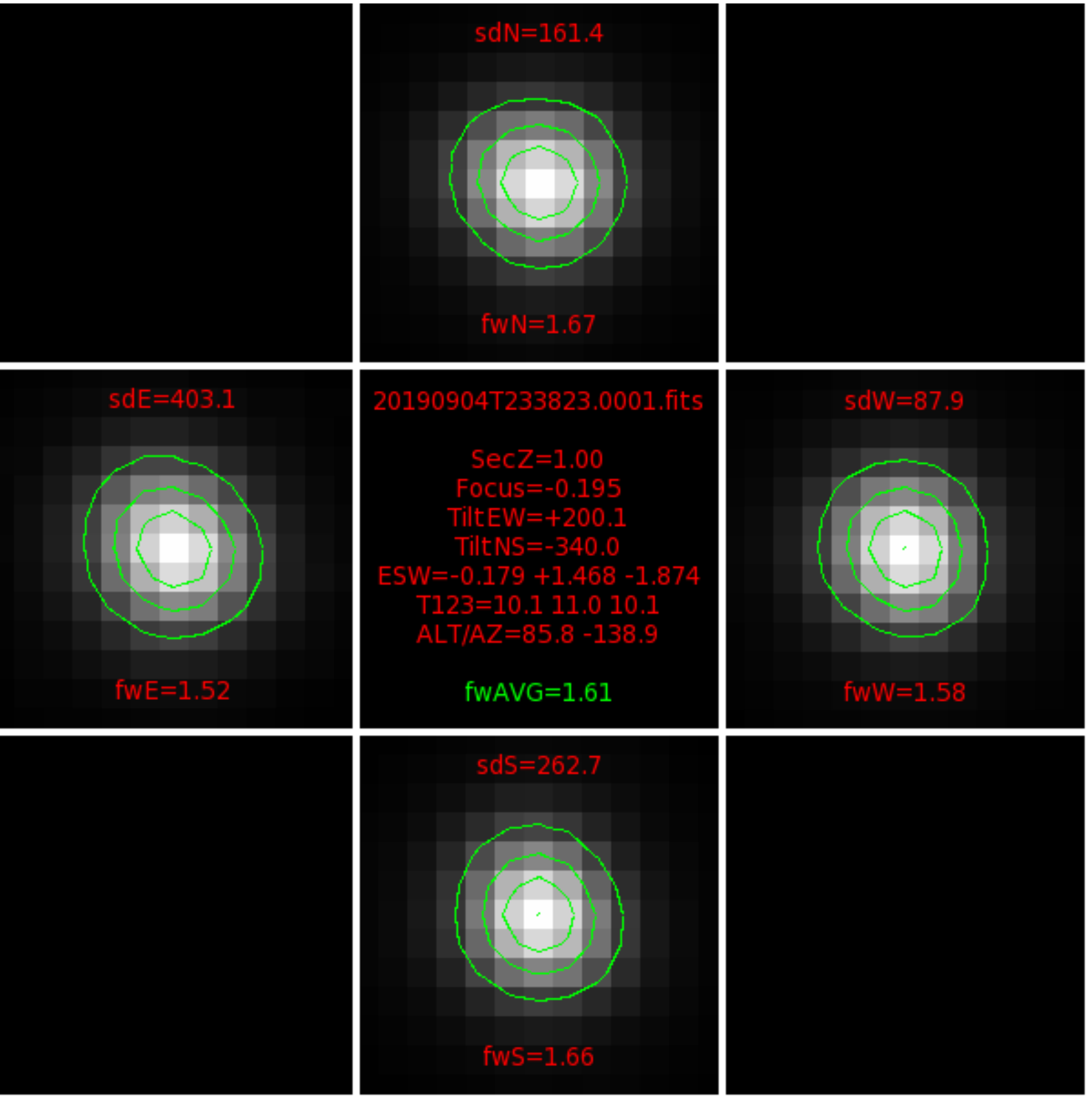
sdN=161.4
fwN=1.67
sdE=403.1
fwE=1.52
20190904T233823.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.1 11.0 10.1
ALT/AZ=85.8 -138.9
fwAVG=1.61
sdW=87.9
fwW=1.58
sdS=262.7
fwS=1.66
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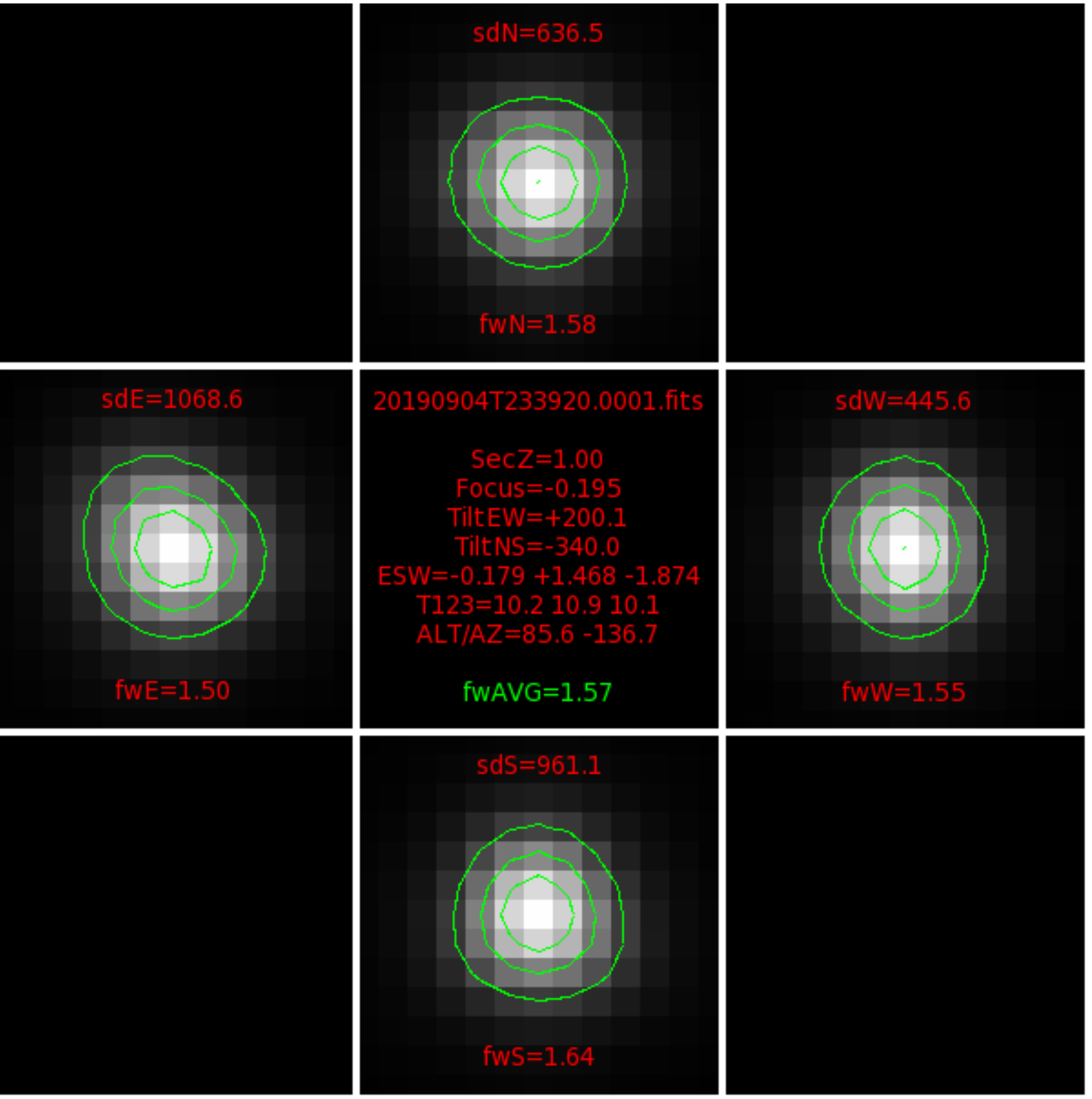
sdN=636.5
fwN=1.58
sdE=1068.6
fwE=1.50
20190904T233920.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.2 10.9 10.1
ALT/AZ=85.6 -136.7
fwAVG=1.57
sdW=445.6
fwW=1.55
sdS=961.1
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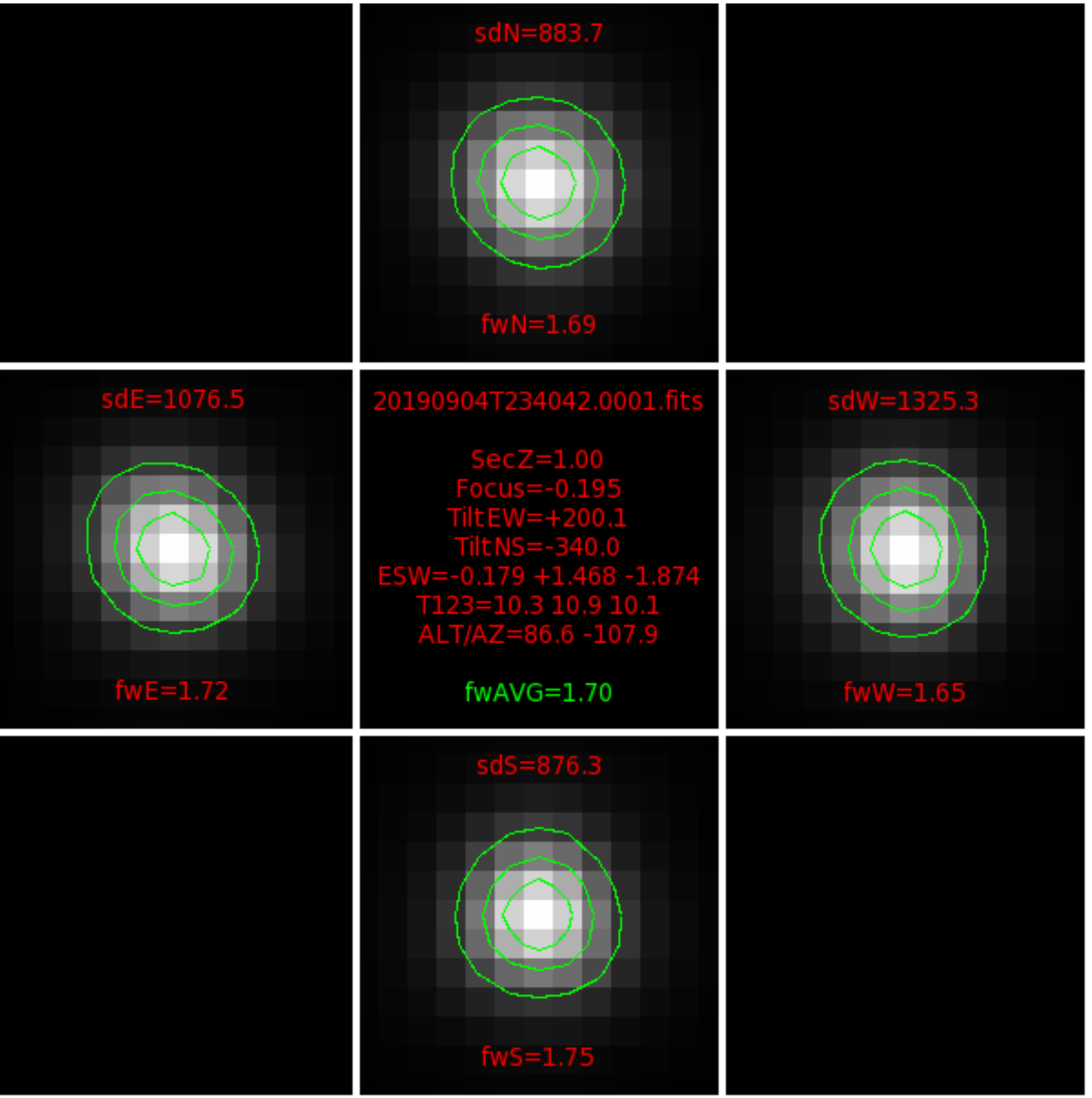
sdN=883.7
fwN=1.69
sdE=1076.5
fwE=1.72
20190904T234042.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.3 10.9 10.1
ALT/AZ=86.6 -107.9
fwAVG=1.70
sdW=1325.3
fwW=1.65
sdS=876.3
fwS=1.75
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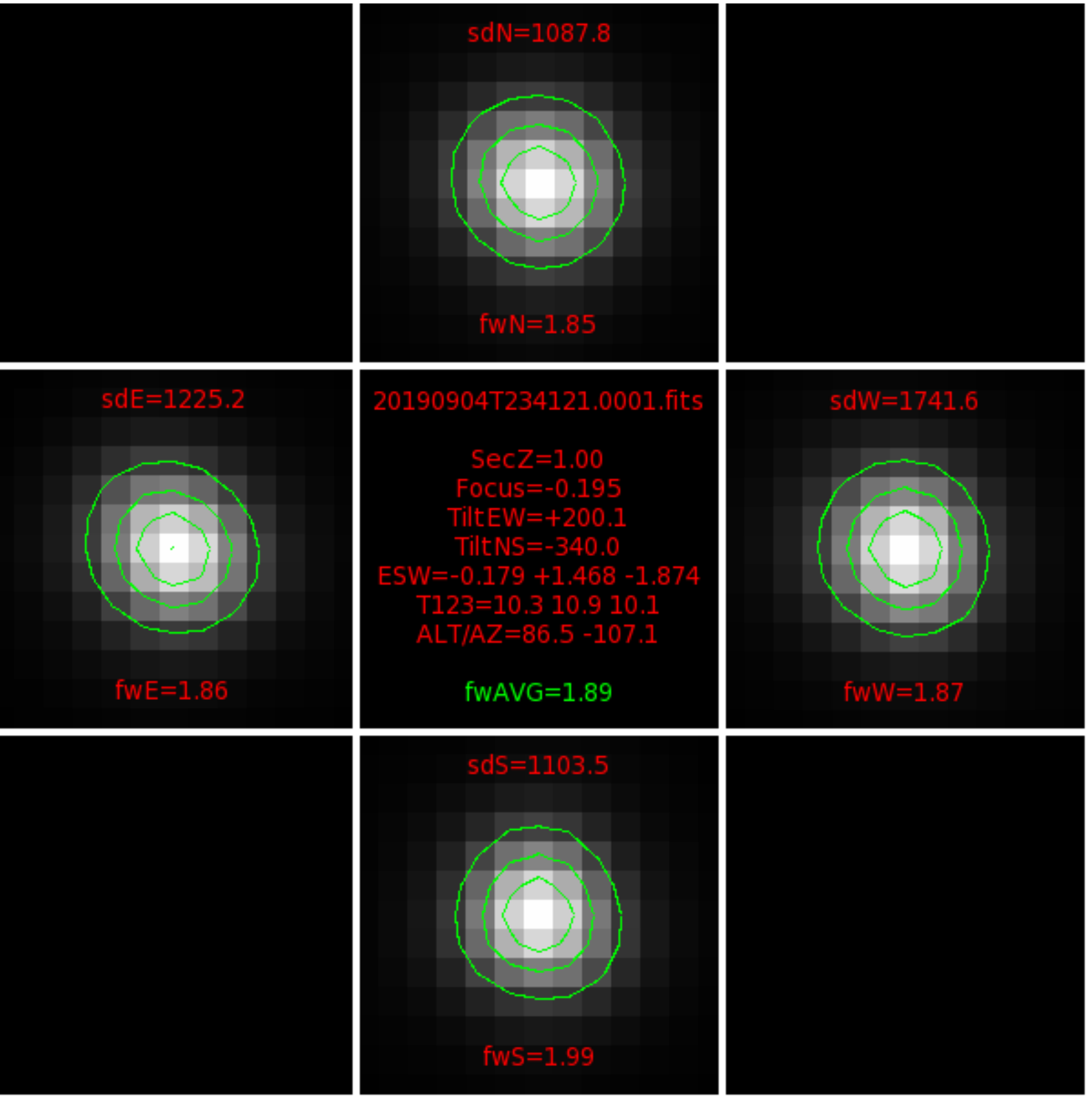
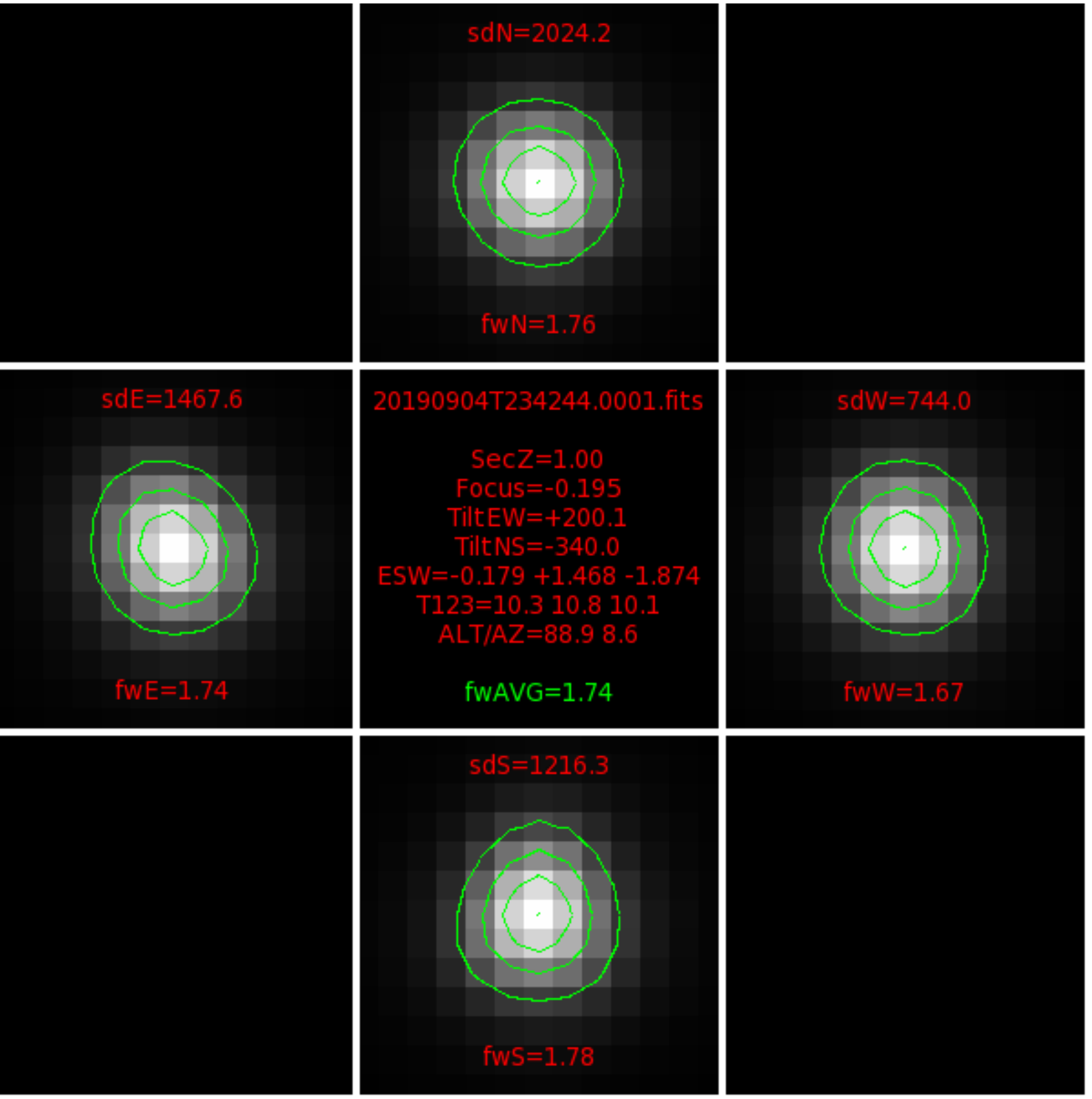

sdN=1087.8
fwN=1.85
sdE=1225.2
fwE=1.86
20190904T234121.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.3 10.9 10.1
ALT/AZ=86.5 -107.1
fwAVG=1.89
sdW=1741.6
fwW=1.87
sdS=1103.5
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=2024.2
fwN=1.76
sdE=1467.6
fwE=1.74
20190904T234244.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.3 10.8 10.1
ALT/AZ=88.9 8.6
fwAVG=1.74
sdW=744.0
fwW=1.67
sdS=1216.3
fwS=1.78
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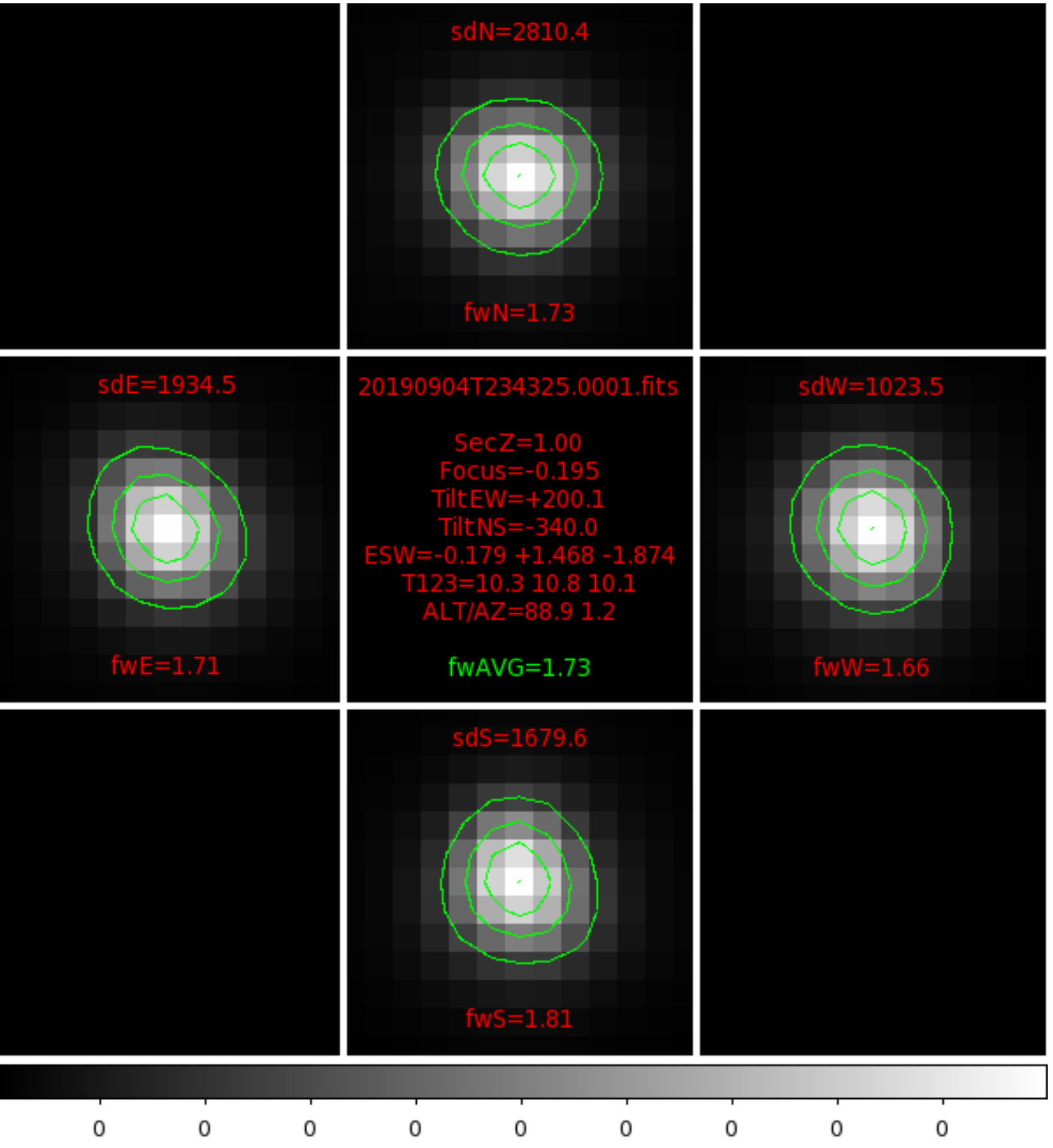
sdN=2810.4
fwN=1.73
sdE=1934.5
fwE=1.71
20190904T234325.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.3 10.8 10.1
ALT/AZ=88.9 1.2
fwAVG=1.73
sdW=1023.5
fwW=1.66
sdS=1679.6
fwS=1.81
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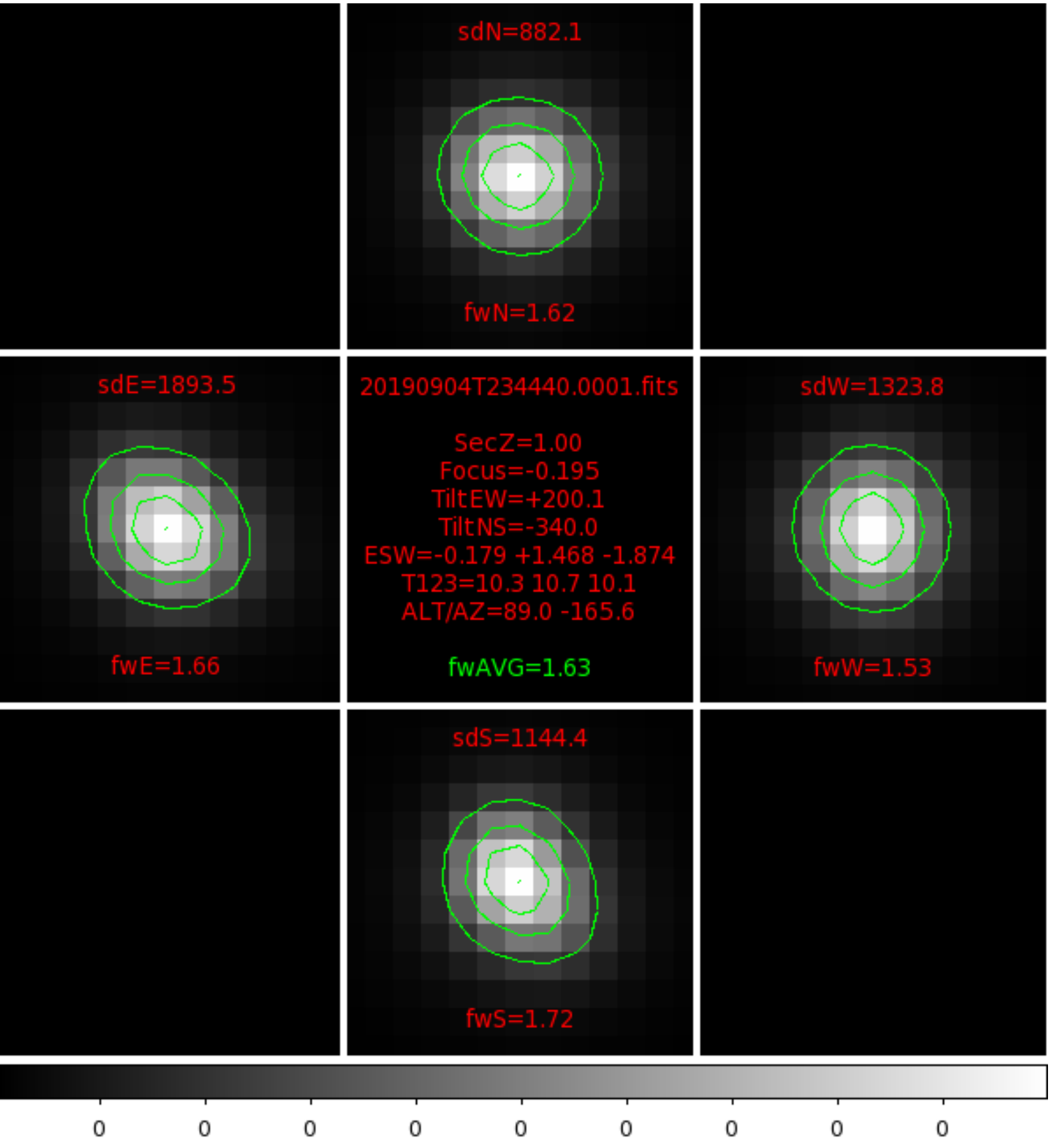
sdN=882.1
fwN=1.62
sdE=1893.5
fwE=1.66
20190904T234440.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.3 10.7 10.1
ALT/AZ=89.0 -165.6
fwAVG=1.63
sdW=1323.8
fwW=1.53
sdS=1144.4
fwS=1.72
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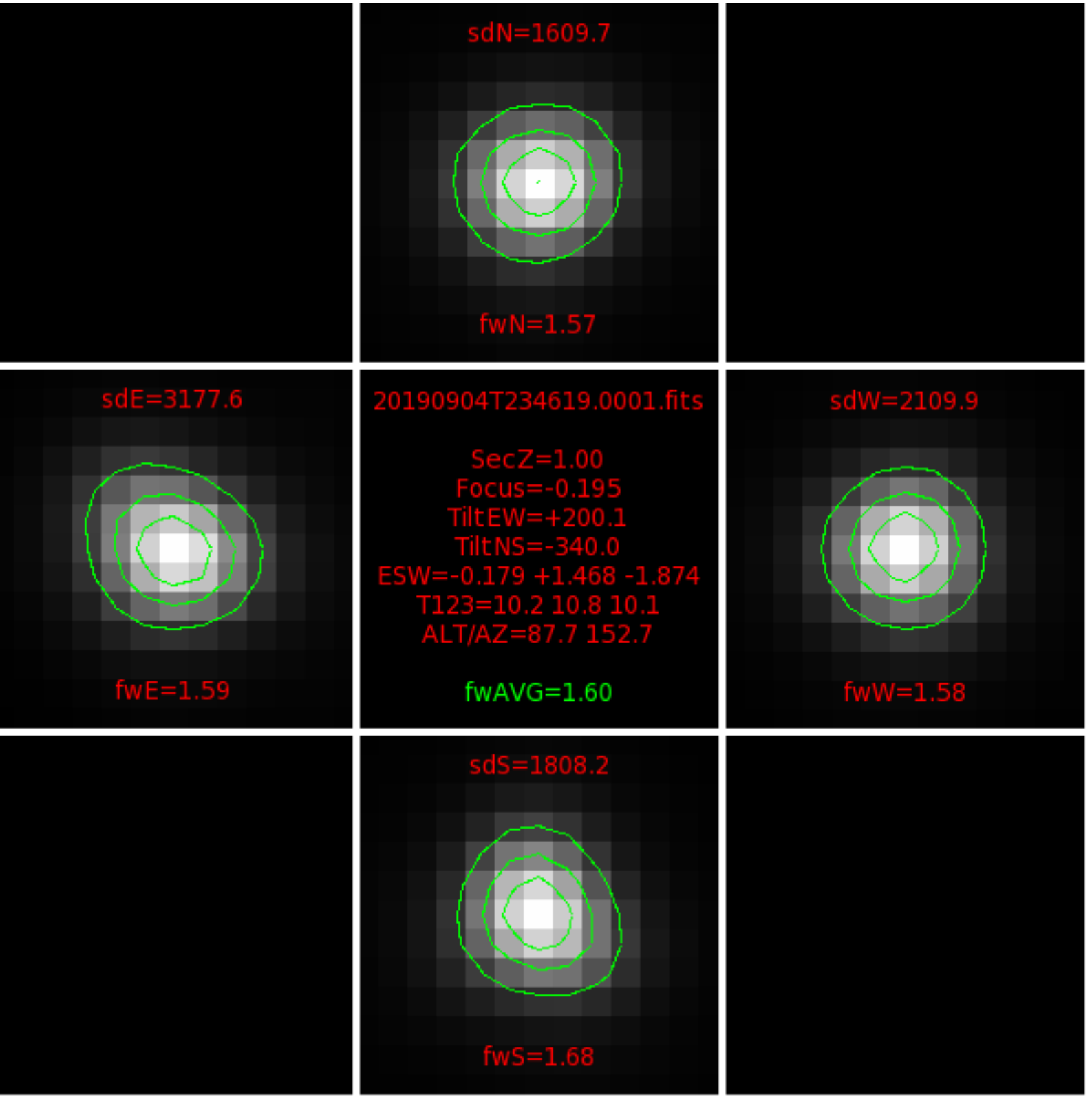
sdN=1609.7
fwN=1.57
sdE=3177.6
fwE=1.59
20190904T234619.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.2 10.8 10.1
ALT/AZ=87.7 152.7
fwAVG=1.60
sdW=2109.9
fwW=1.58
sdS=1808.2
fwS=1.68
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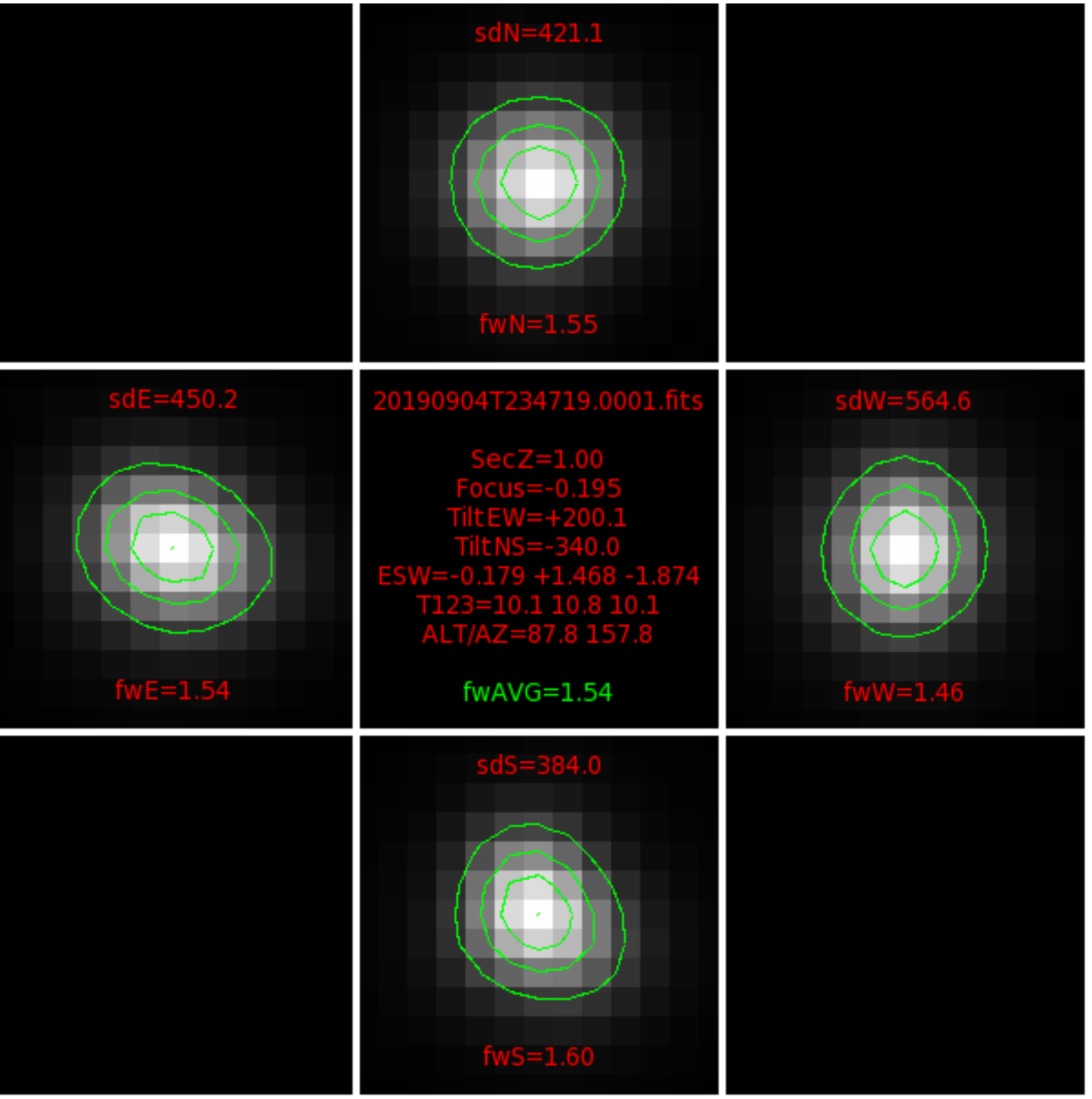
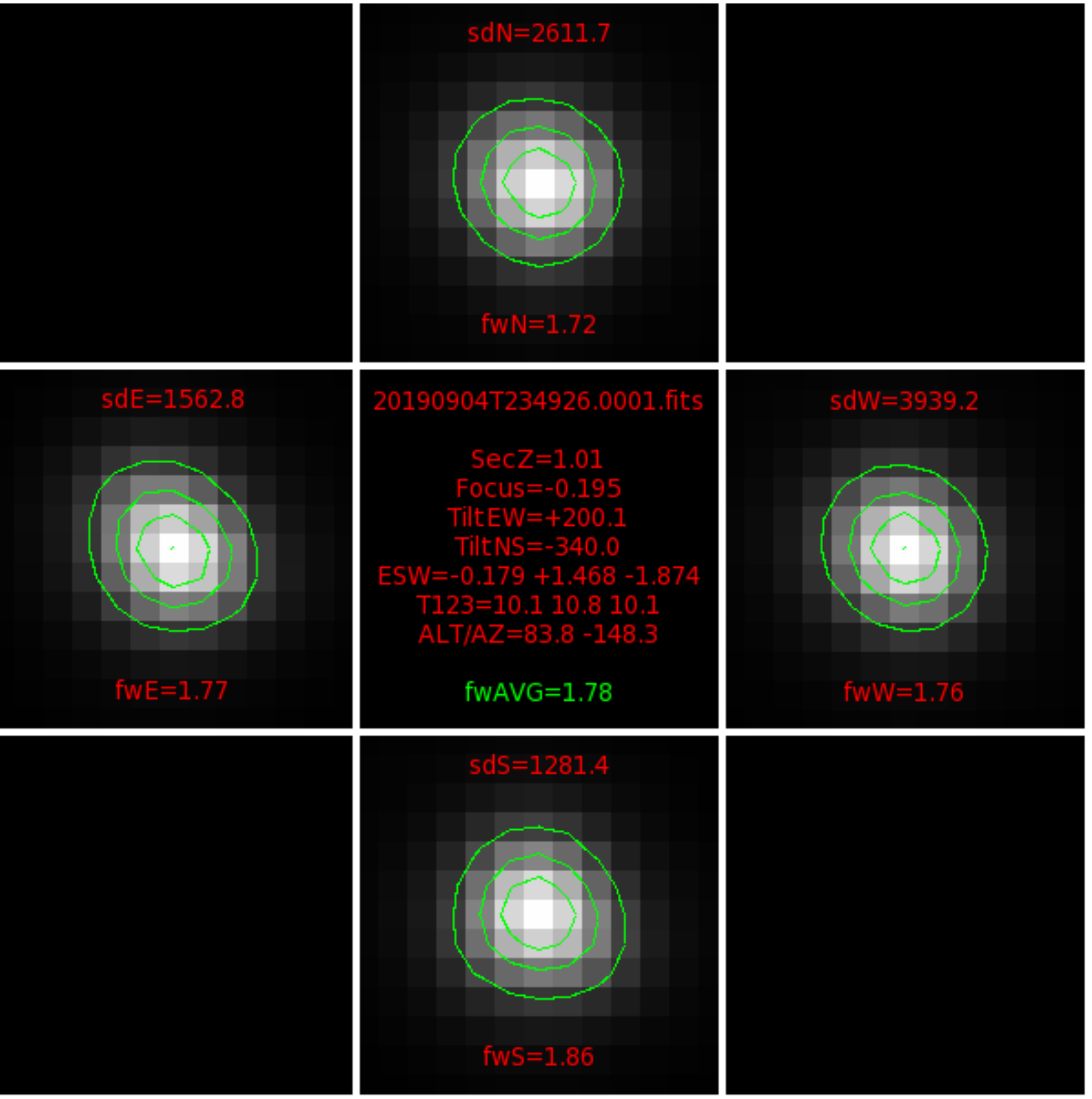

sdN=421.1
fwN=1.55
sdE=450.2
fwE=1.54
20190904T234719.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.1 10.8 10.1
ALT/AZ=87.8 157.8
fwAVG=1.54
sdW=564.6
fwW=1.46
sdS=384.0
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=2611.7
fwN=1.72
sdE=1562.8
fwE=1.77
20190904T234926.0001.fits
SecZ=1.01
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.1 10.8 10.1
ALT/AZ=83.8 -148.3
fwAVG=1.78
sdW=3939.2
fwW=1.76
sdS=1281.4
fwS=1.86
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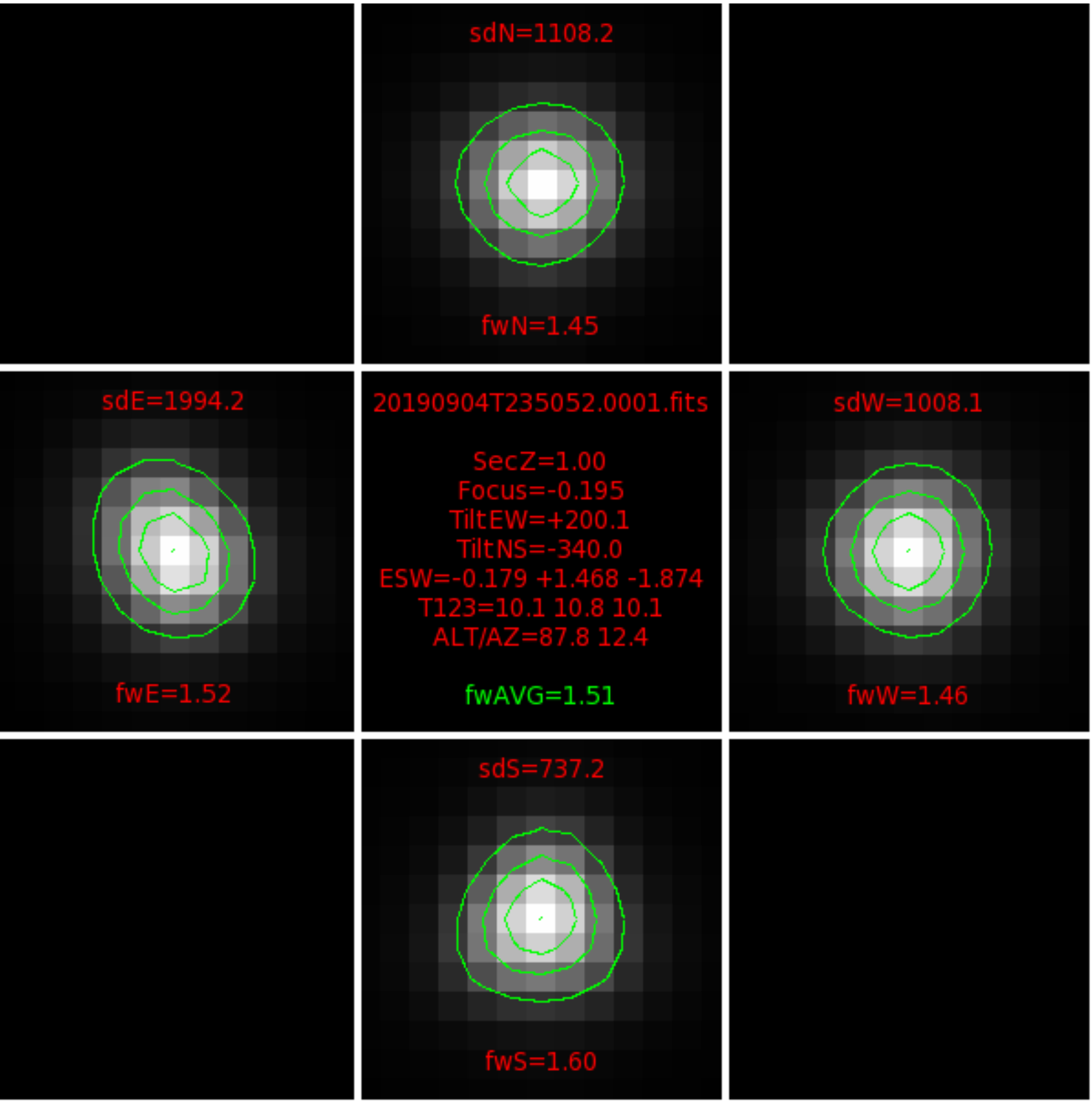
sdN=1108.2
fwN=1.45
sdE=1994.2
fwE=1.52
20190904T235052.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.1 10.8 10.1
ALT/AZ=87.8 12.4
fwAVG=1.51
sdW=1008.1
fwW=1.46
sdS=737.2
fwS=1.60
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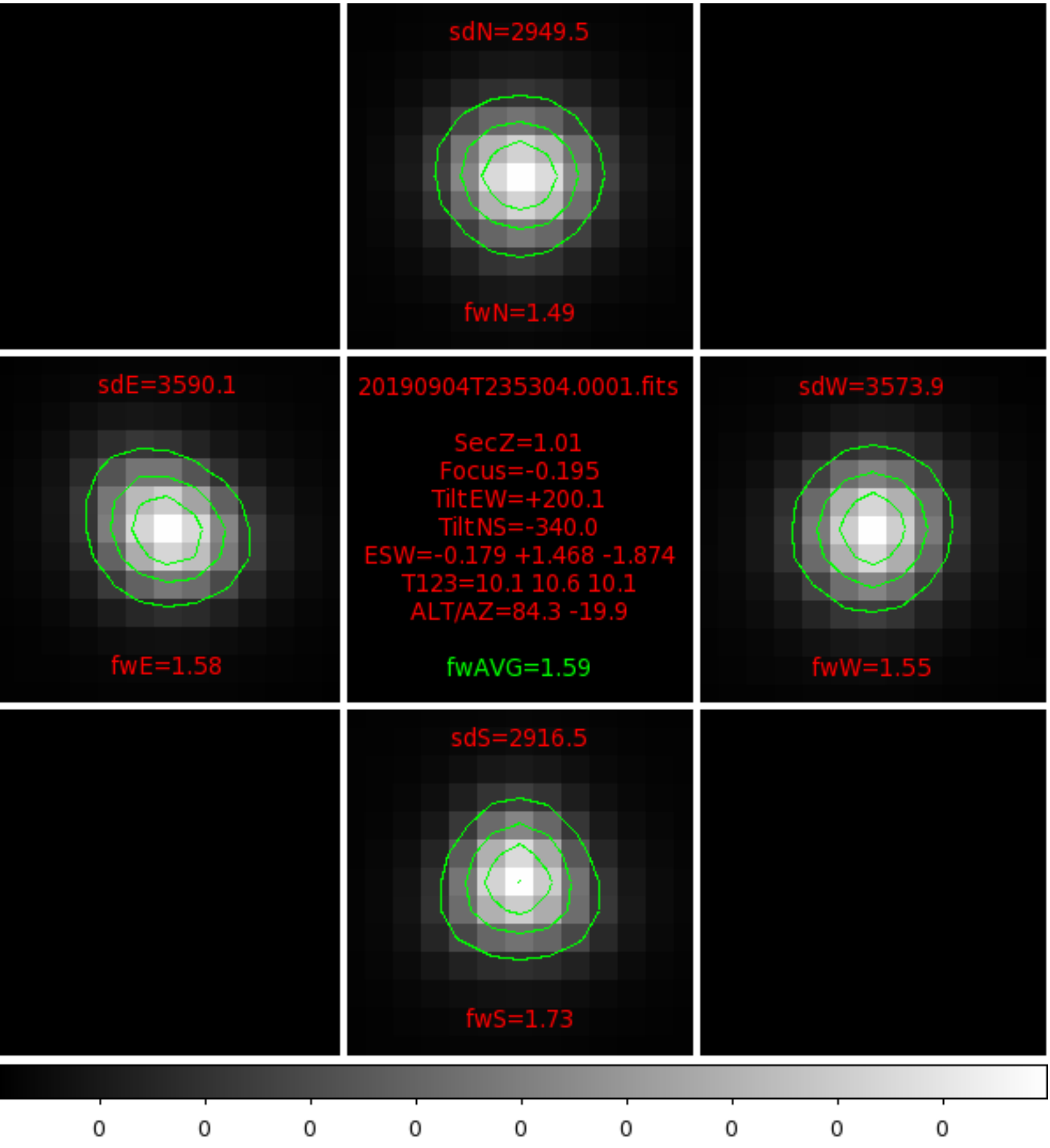
sdN=2949.5
fwN=1.49
sdE=3590.1
fwE=1.58
20190904T235304.0001.fits
SecZ=1.01
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.1 10.6 10.1
ALT/AZ=84.3 -19.9
fwAVG=1.59
sdW=3573.9
fwW=1.55
sdS=2916.5
fwS=1.73
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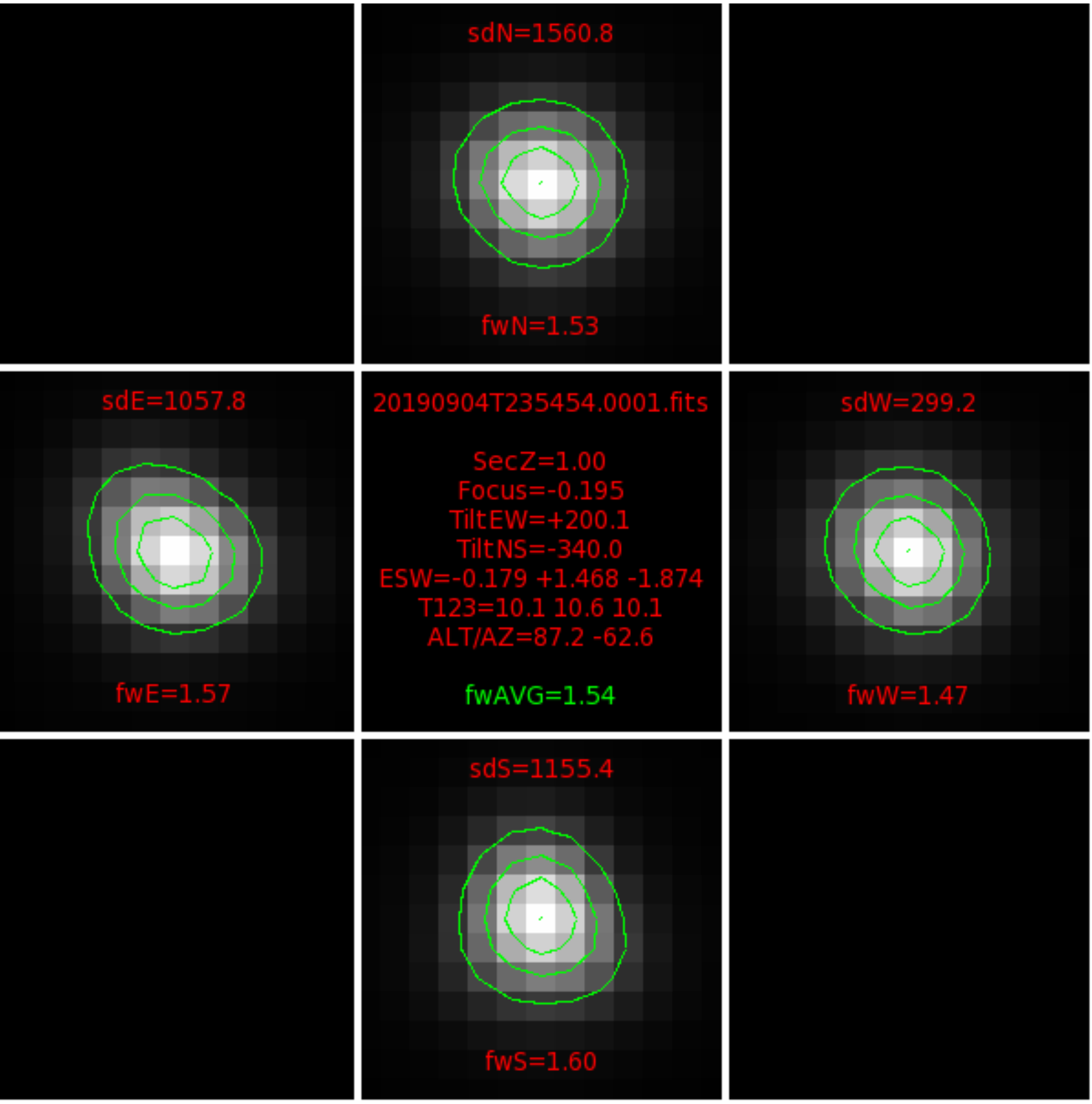
sdN=1560.8
fwN=1.53
sdE=1057.8
fwE=1.57
20190904T235454.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.1 10.6 10.1
ALT/AZ=87.2 -62.6
fwAVG=1.54
sdW=299.2
fwW=1.47
sdS=1155.4
fwS=1.60
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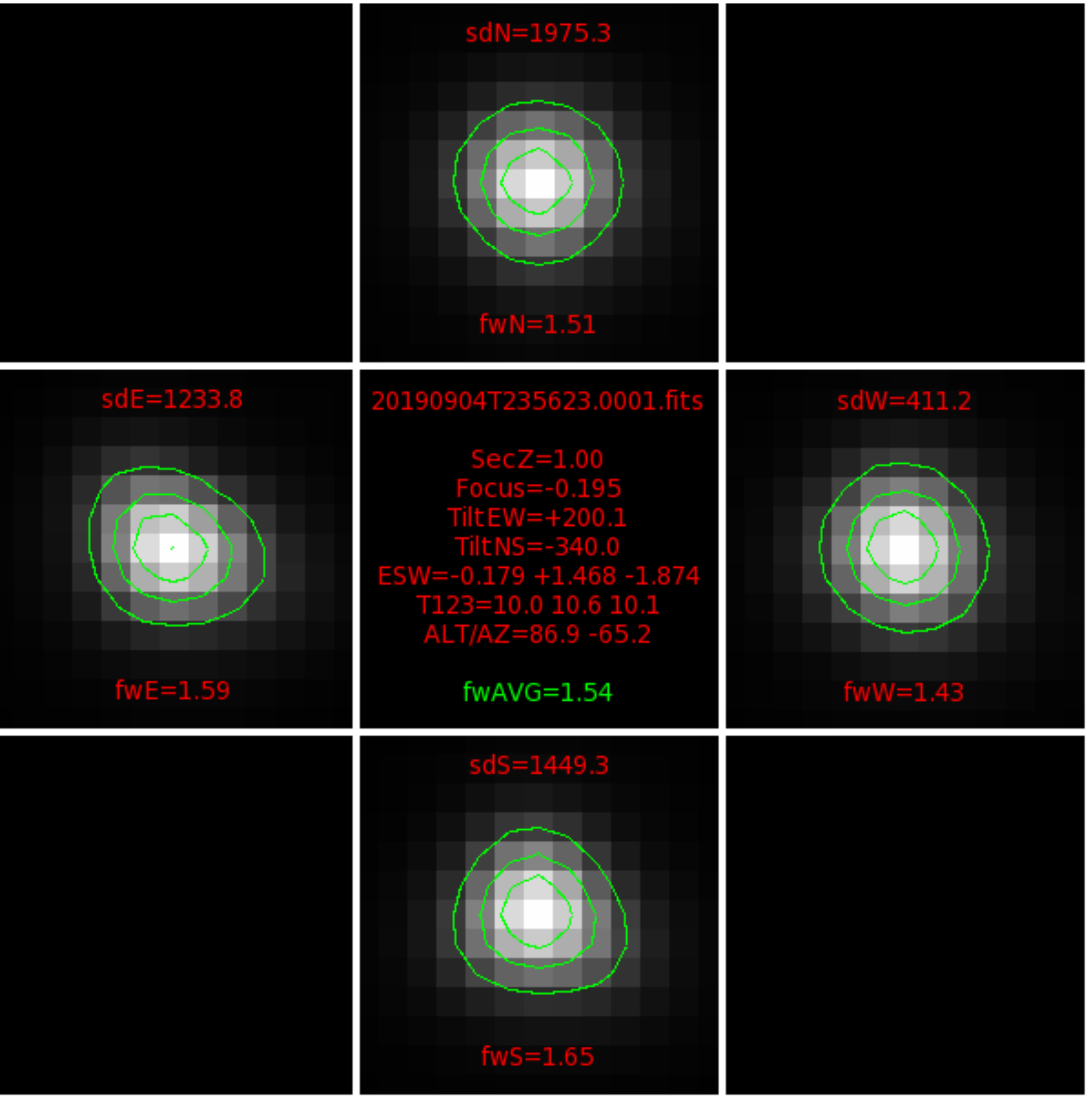
sdN=1975.3
fwN=1.51
sdE=1233.8
fwE=1.59
20190904T235623.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.0 10.6 10.1
ALT/AZ=86.9 -65.2
fwAVG=1.54
sdW=411.2
fwW=1.43
sdS=1449.3
fwS=1.65
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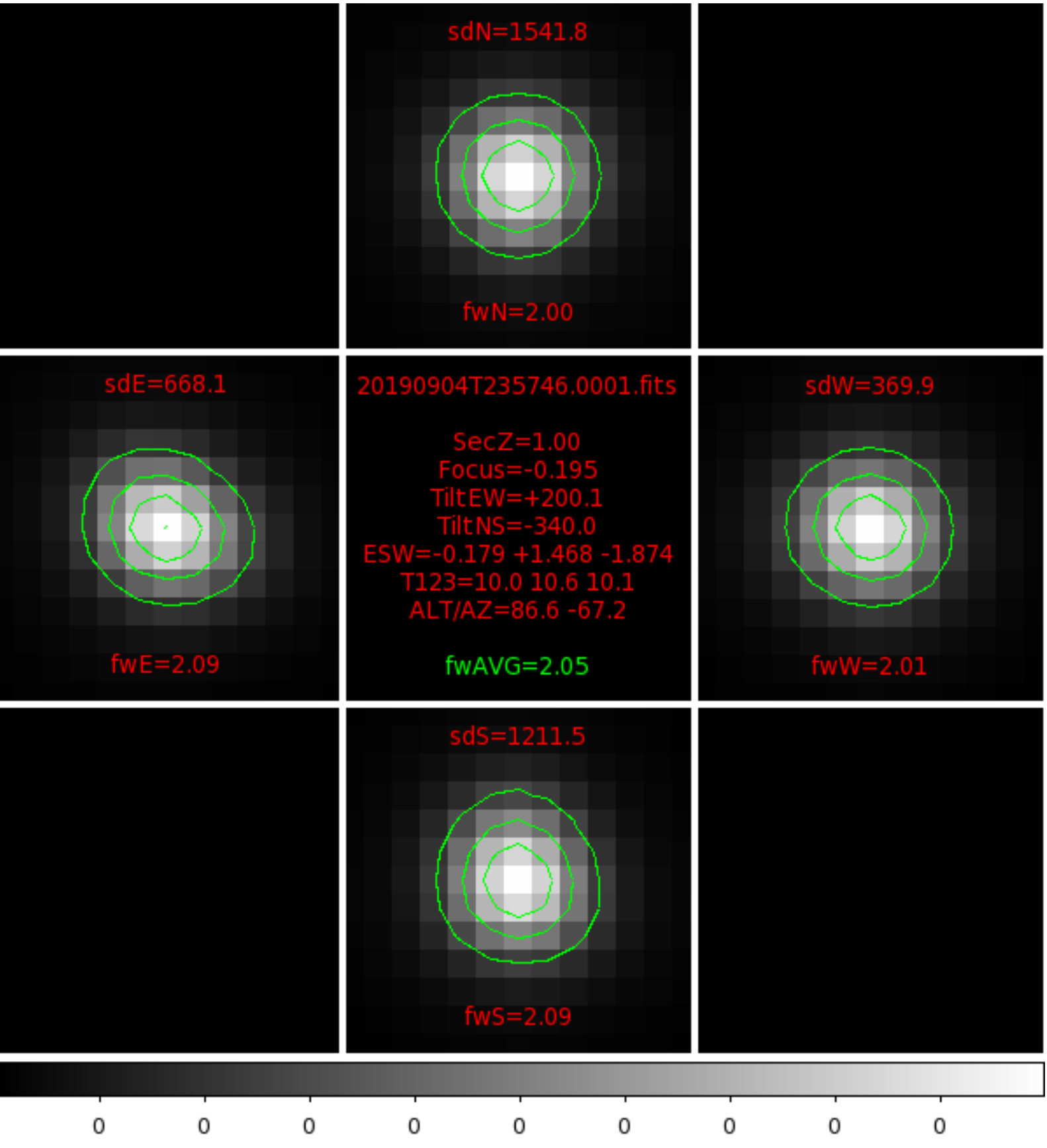
sdN=1541.8
fwN=2.00
sdE=668.1
fwE=2.09
20190904T235746.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.0 10.6 10.1
ALT/AZ=86.6 -67.2
fwAVG=2.05
sdW=369.9
fwW=2.01
sdS=1211.5
fwS=2.09
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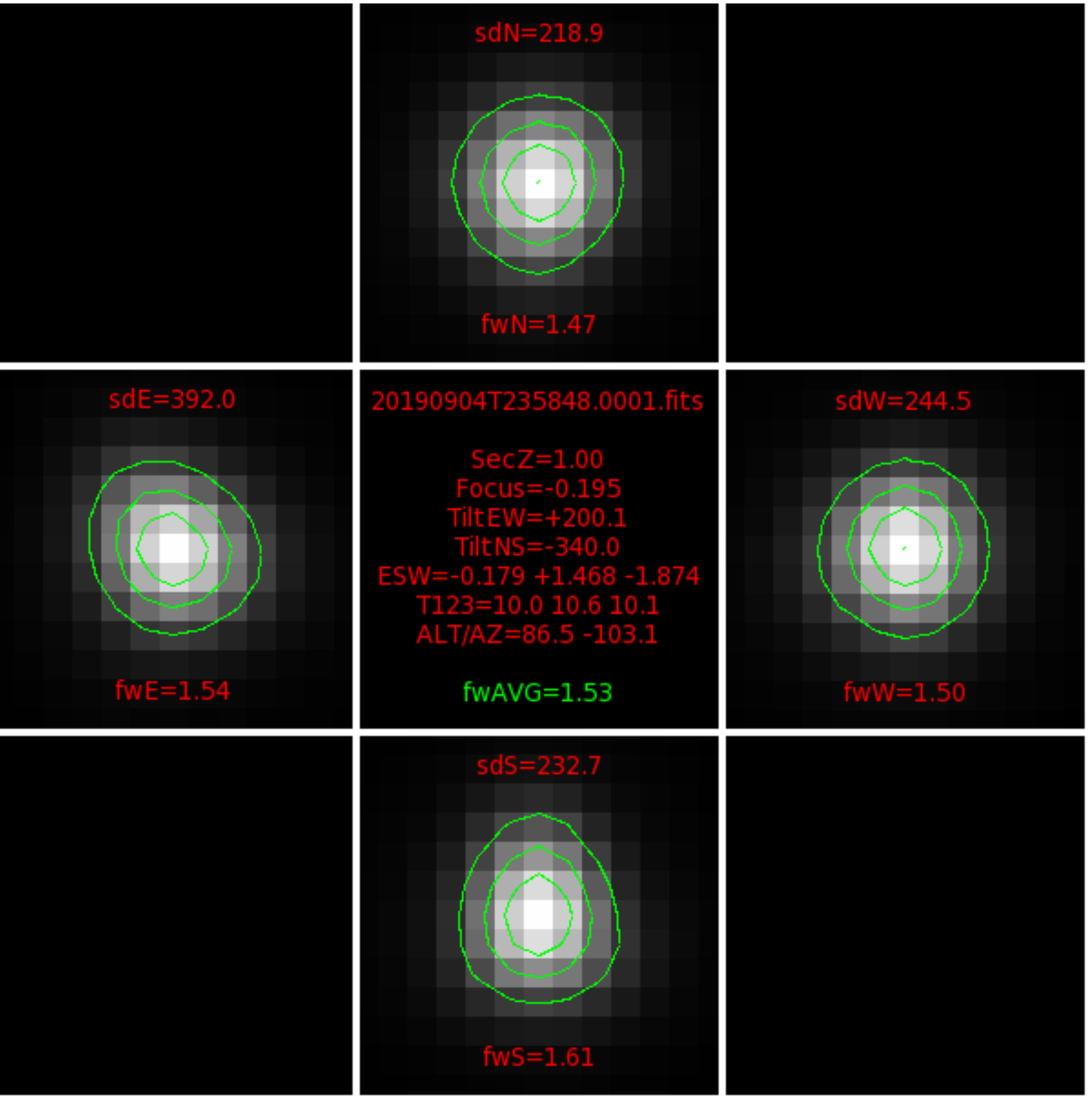
sdN=218.9
fwN=1.47
sdE=392.0
fwE=1.54
20190904T235848.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.0 10.6 10.1
ALT/AZ=86.5 -103.1
fwAVG=1.53
sdW=244.5
fwW=1.50
sdS=232.7
fwS=1.61
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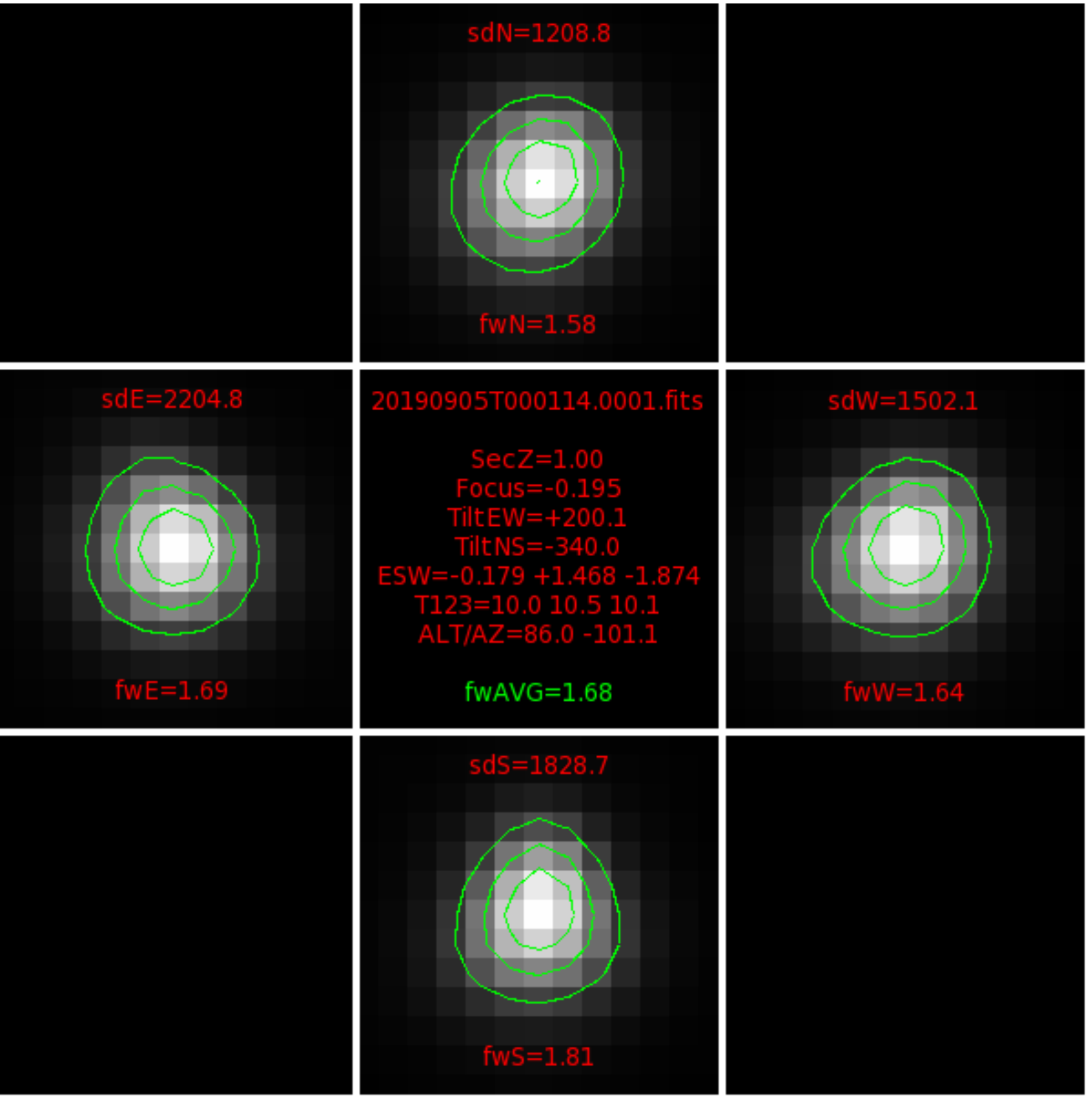
sdN=1208.8
fwN=1.58
sdE=2204.8
fwE=1.69
20190905T000114.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.0 10.5 10.1
ALT/AZ=86.0 -101.1
fwAVG=1.68
sdW=1502.1
fwW=1.64
sdS=1828.7
fwS=1.81
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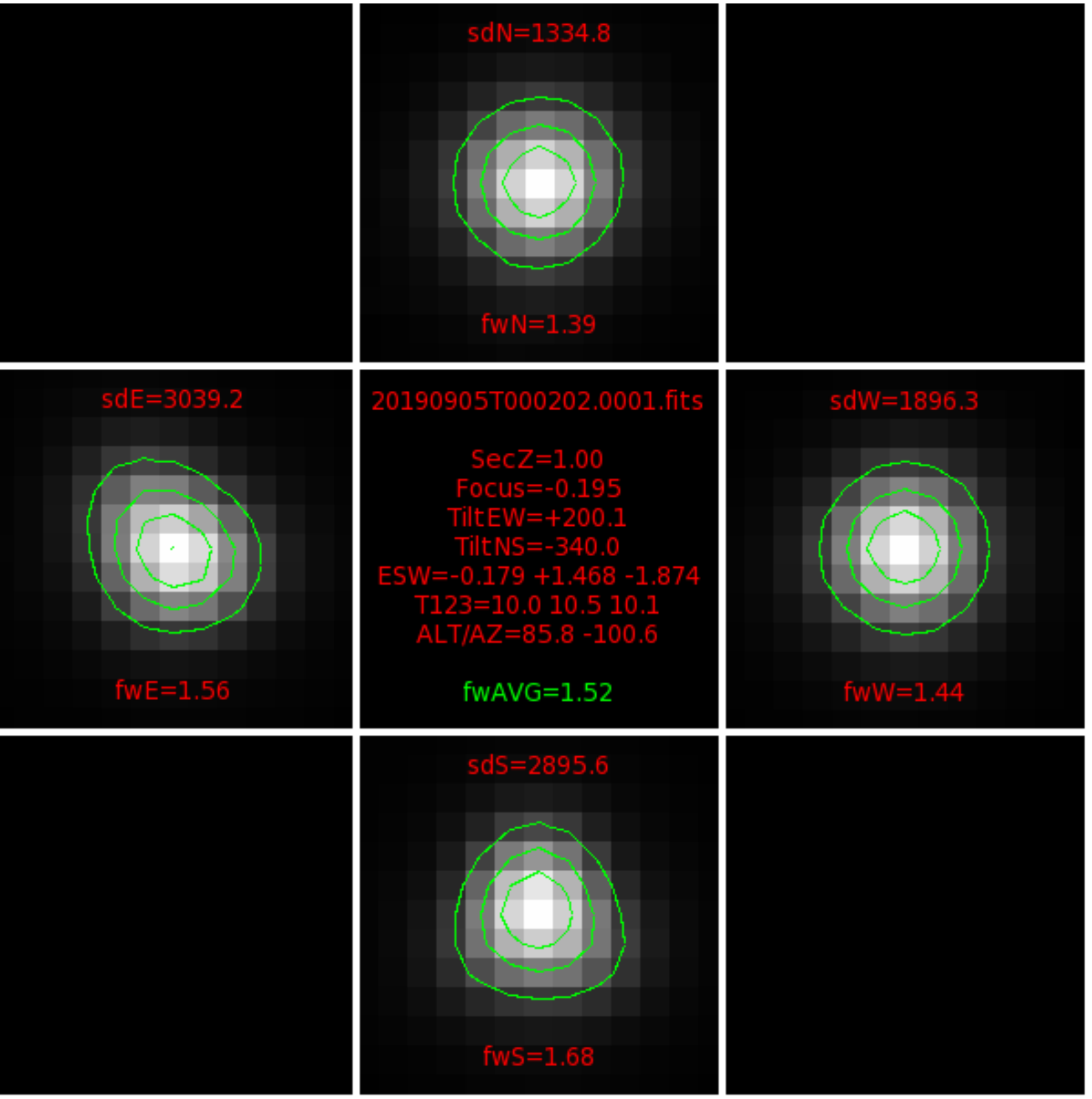
sdN=1334.8
fwN=1.39
sdE=3039.2
fwE=1.56
20190905T000202.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.0 10.5 10.1
ALT/AZ=85.8 -100.6
fwAVG=1.52
sdW=1896.3
fwW=1.44
sdS=2895.6
fwS=1.68
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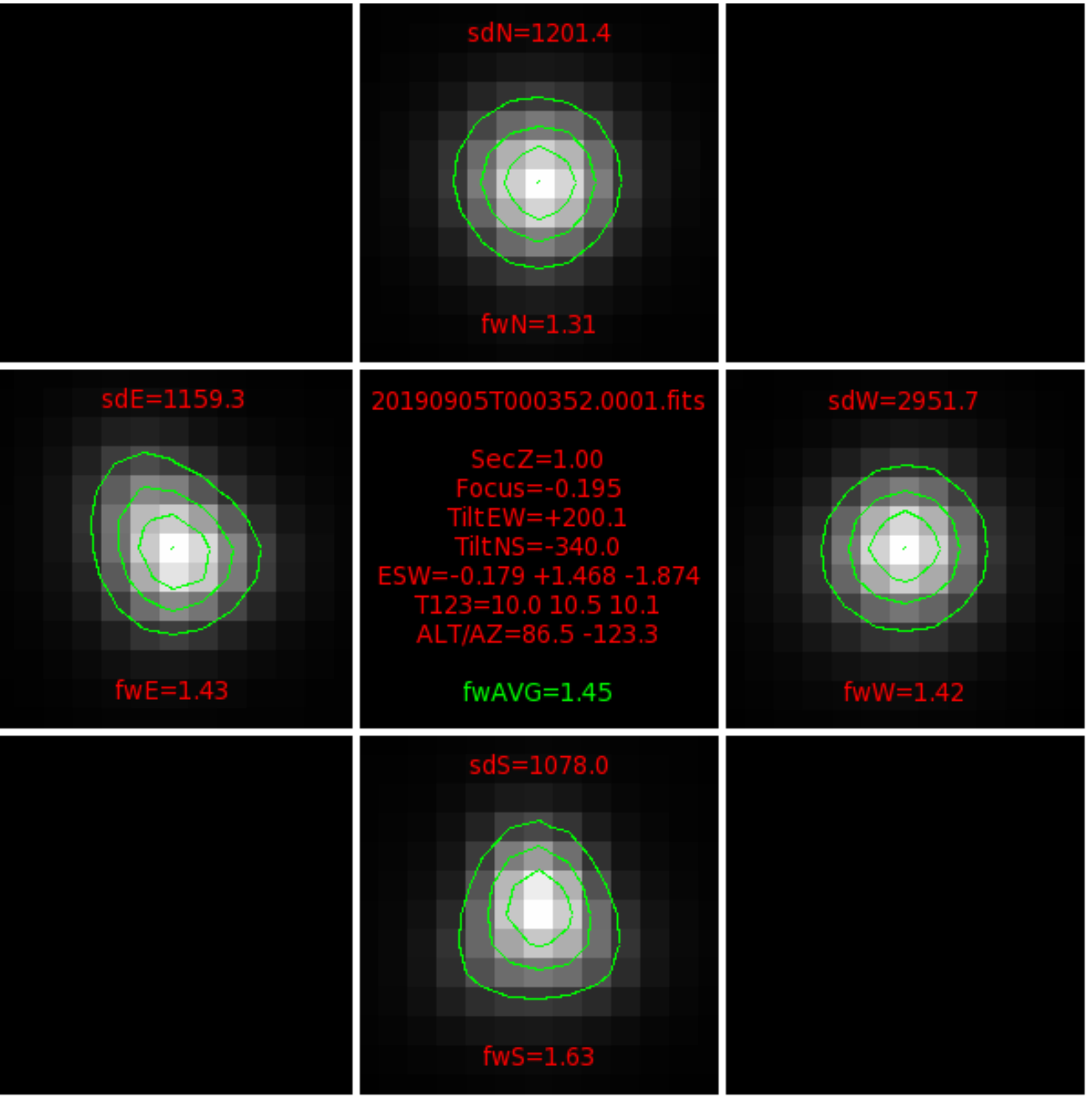
sdN=1201.4
fwN=1.31
sdE=1159.3
fwE=1.43
20190905T000352.0001.fits
SecZ=1.00
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=10.0 10.5 10.1
ALT/AZ=86.5 -123.3
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sdW=2951.7
fwW=1.42
sdS=1078.0
fwS=1.63
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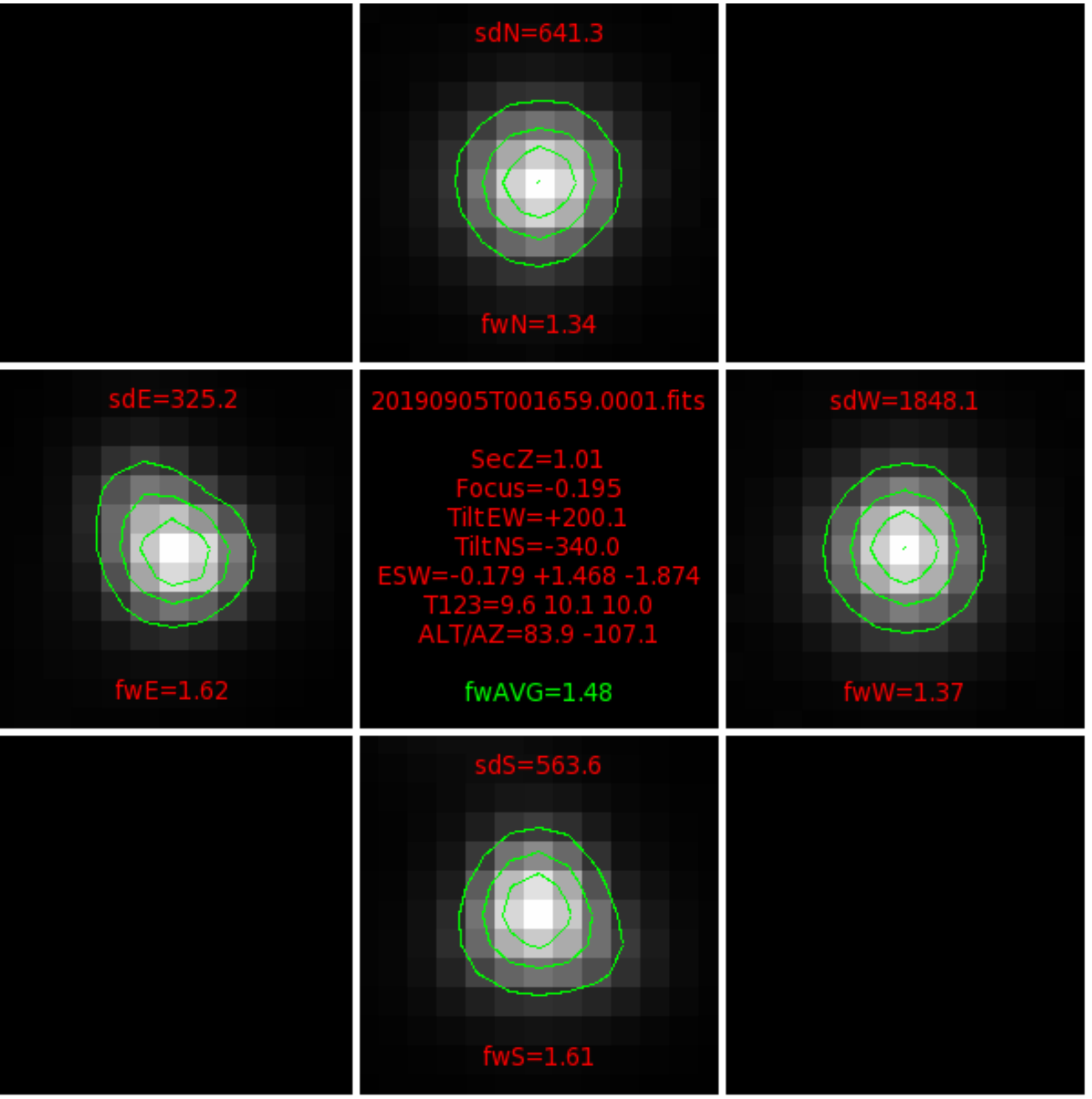
sdN=641.3
fwN=1.34
sdE=325.2
fwE=1.62
20190905T001659.0001.fits
SecZ=1.01
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=9.6 10.1 10.0
ALT/AZ=83.9 -107.1
fwAVG=1.48
sdW=1848.1
fwW=1.37
sdS=563.6
fwS=1.61
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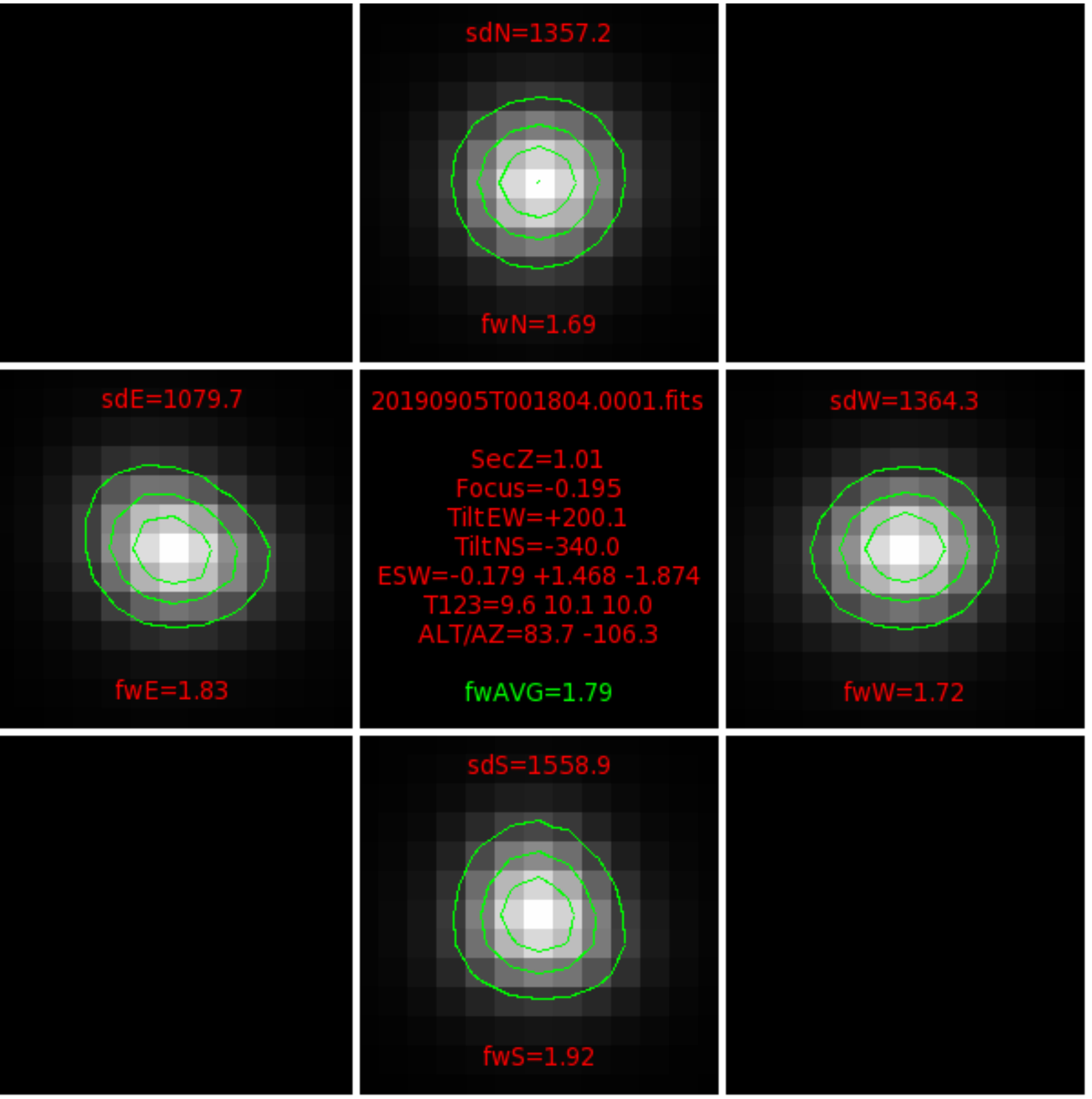
sdN=1357.2
fwN=1.69
sdE=1079.7
fwE=1.83
20190905T001804.0001.fits
SecZ=1.01
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=9.6 10.1 10.0
ALT/AZ=83.7 -106.3
fwAVG=1.79
sdW=1364.3
fwW=1.72
sdS=1558.9
fwS=1.92
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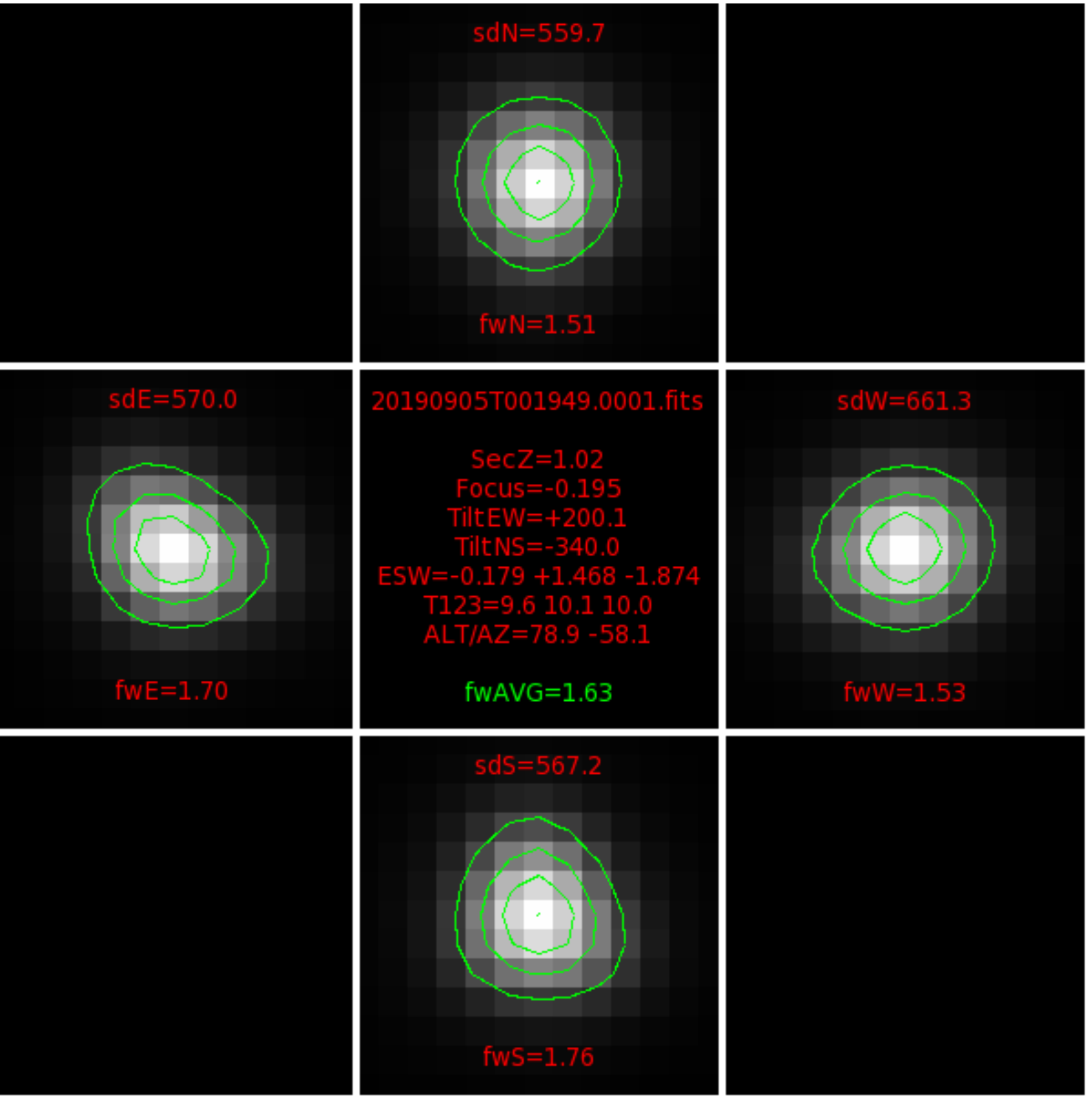
sdN=559.7
fwN=1.51
sdE=570.0
fwE=1.70
20190905T001949.0001.fits
SecZ=1.02
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=9.6 10.1 10.0
ALT/AZ=78.9 -58.1
fwAVG=1.63
sdW=661.3
fwW=1.53
sdS=567.2
fwS=1.76
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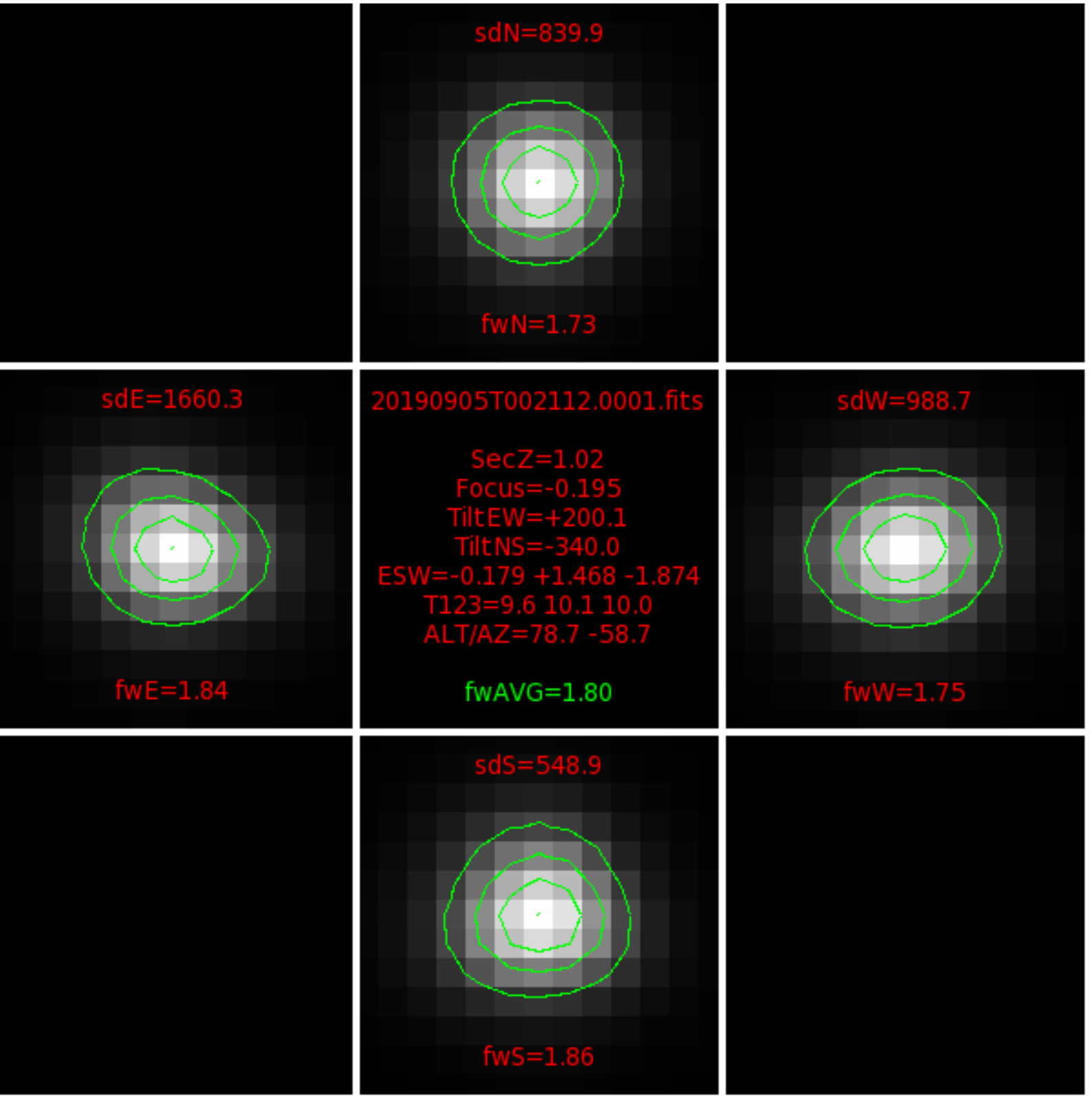
sdN=839.9
fwN=1.73
sdE=1660.3
fwE=1.84
20190905T002112.0001.fits
SecZ=1.02
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=9.6 10.1 10.0
ALT/AZ=78.7 -58.7
fwAVG=1.80
sdW=988.7
fwW=1.75
sdS=548.9
fwS=1.86
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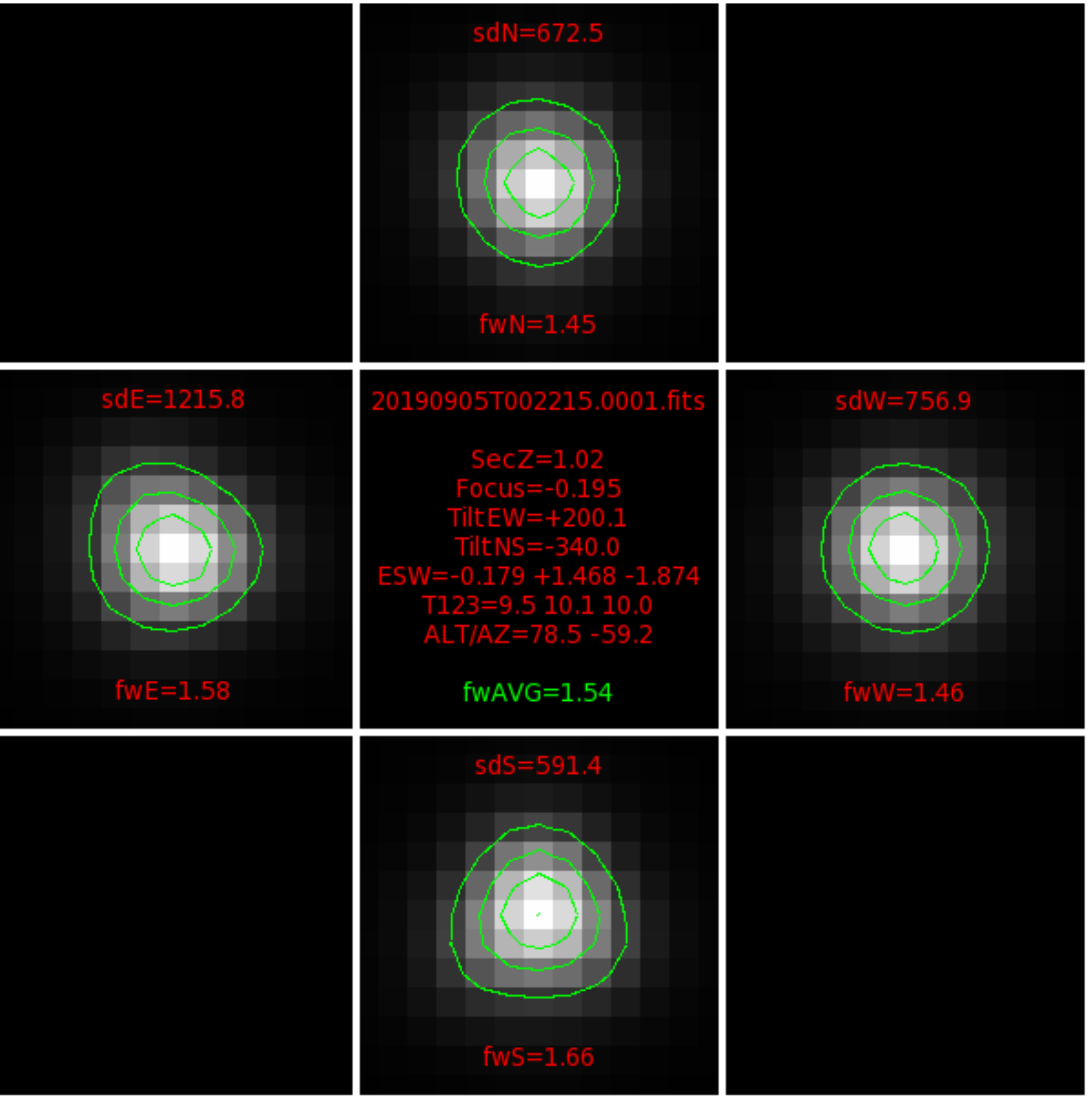
sdN=672.5
fwN=1.45
sdE=1215.8
fwE=1.58
20190905T002215.0001.fits
SecZ=1.02
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=9.5 10.1 10.0
ALT/AZ=78.5 -59.2
fwAVG=1.54
sdW=756.9
fwW=1.46
sdS=591.4
fwS=1.66
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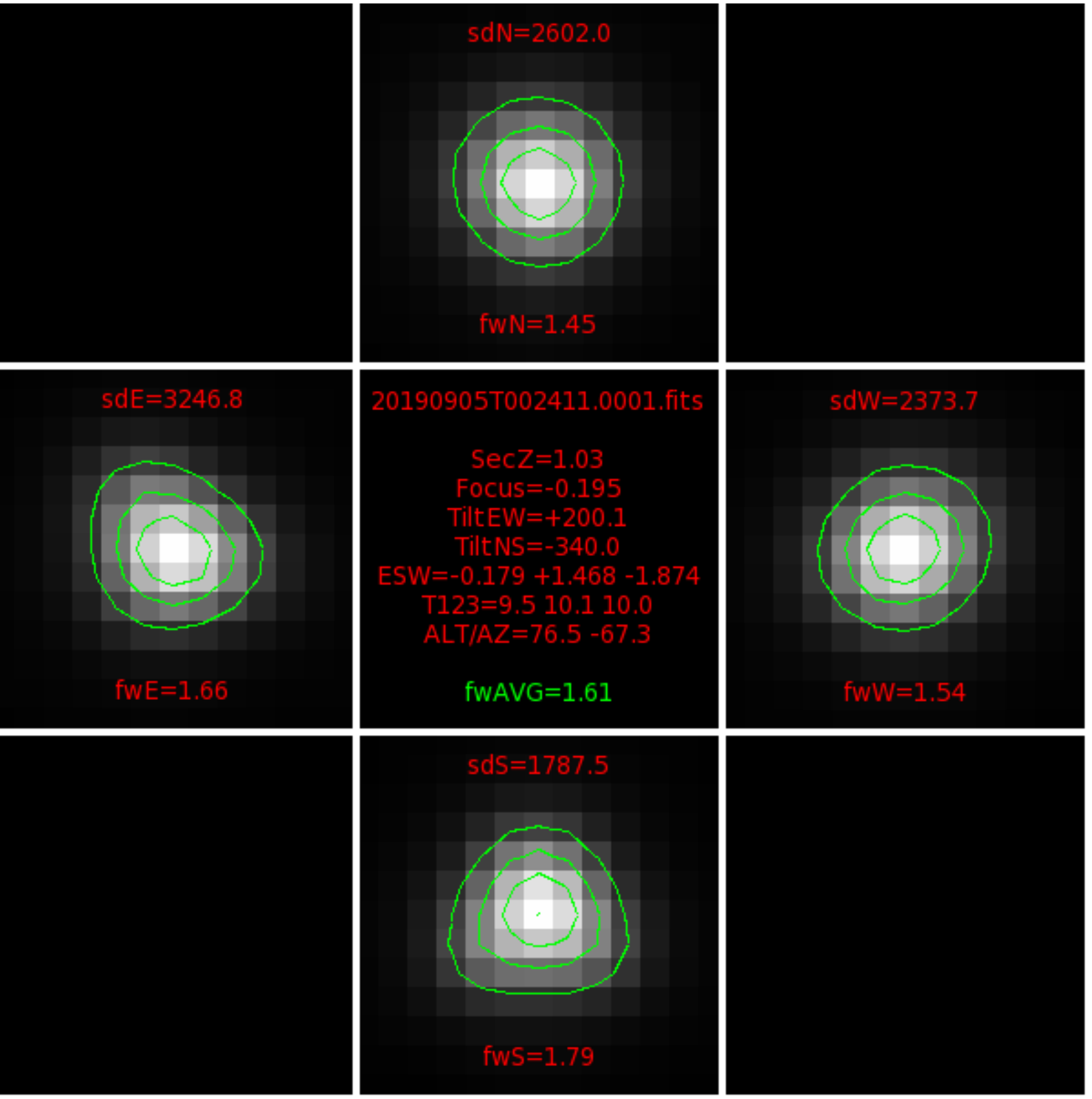
sdN=2602.0
fwN=1.45
sdE=3246.8
fwE=1.66
20190905T002411.0001.fits
SecZ=1.03
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=9.5 10.1 10.0
ALT/AZ=76.5 -67.3
fwAVG=1.61
sdW=2373.7
fwW=1.54
sdS=1787.5
fwS=1.79
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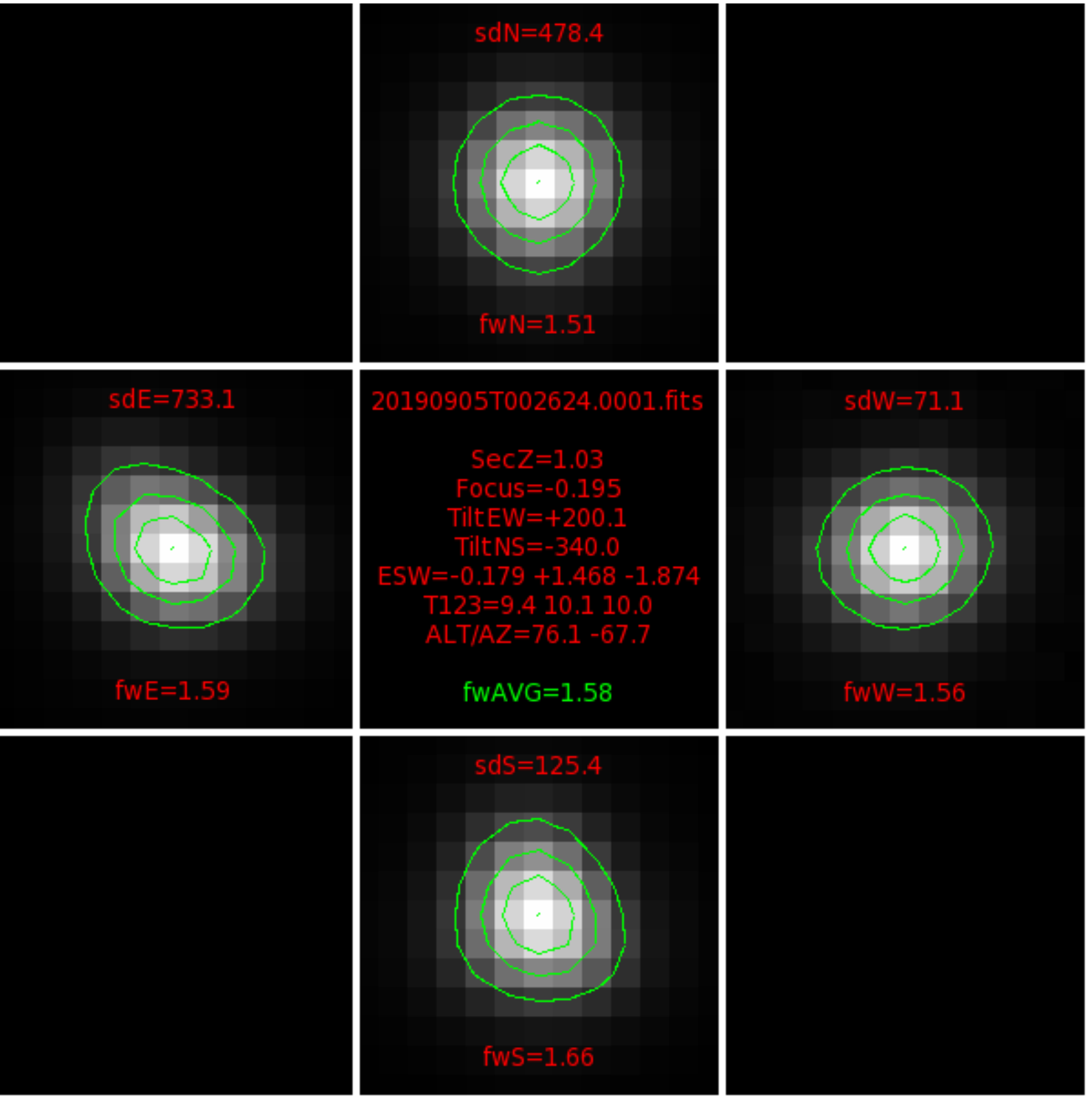
sdN=478.4
fwN=1.51
sdE=733.1
fwE=1.59
20190905T002624.0001.fits
SecZ=1.03
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=9.4 10.1 10.0
ALT/AZ=76.1 -67.7
fwAVG=1.58
sdW=71.1
fwW=1.56
sdS=125.4
fwS=1.66
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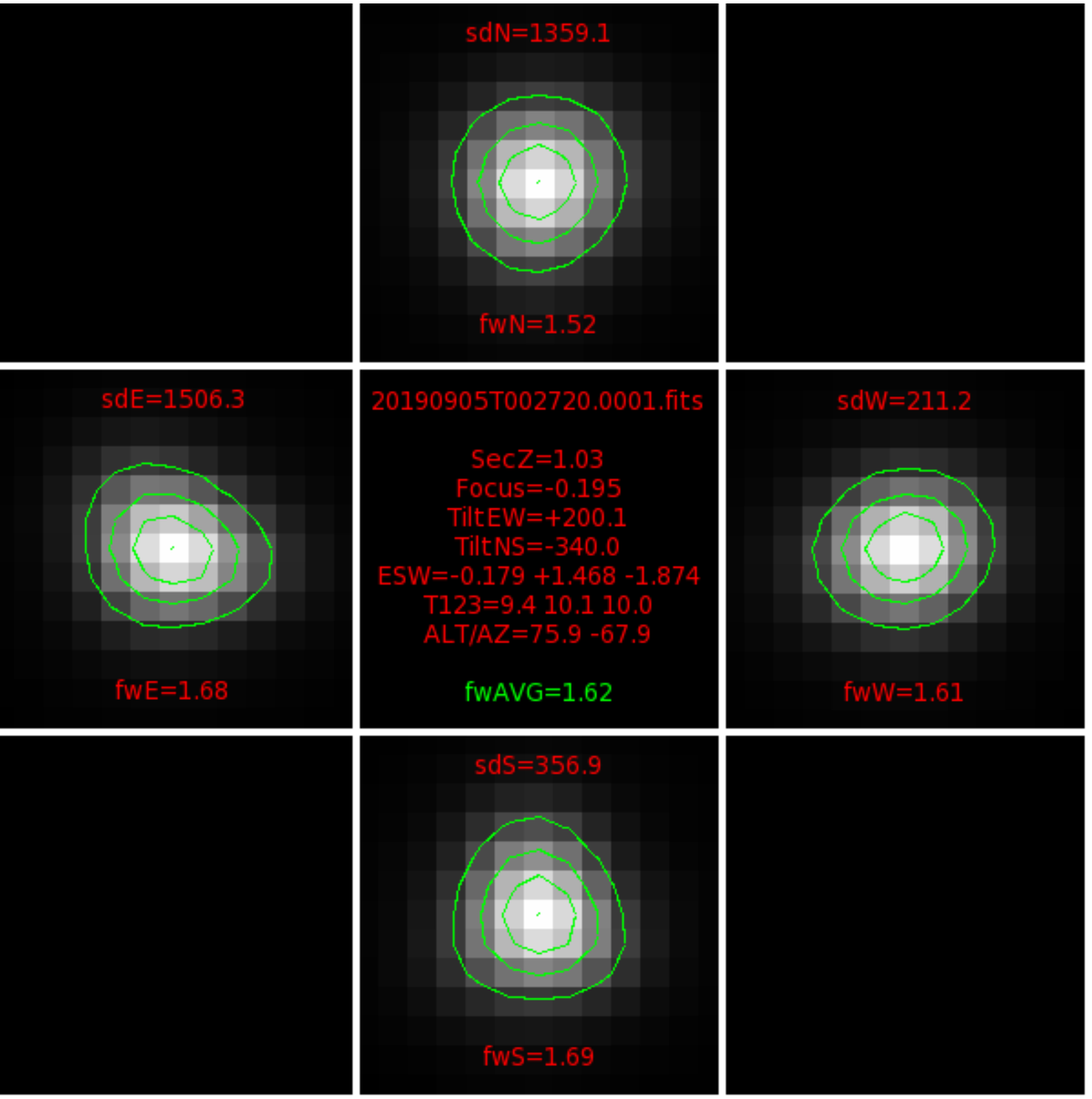
sdN=1359.1
fwN=1.52
sdE=1506.3
fwE=1.68
20190905T002720.0001.fits
SecZ=1.03
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=9.4 10.1 10.0
ALT/AZ=75.9 -67.9
fwAVG=1.62
sdW=211.2
fwW=1.61
sdS=356.9
fwS=1.69
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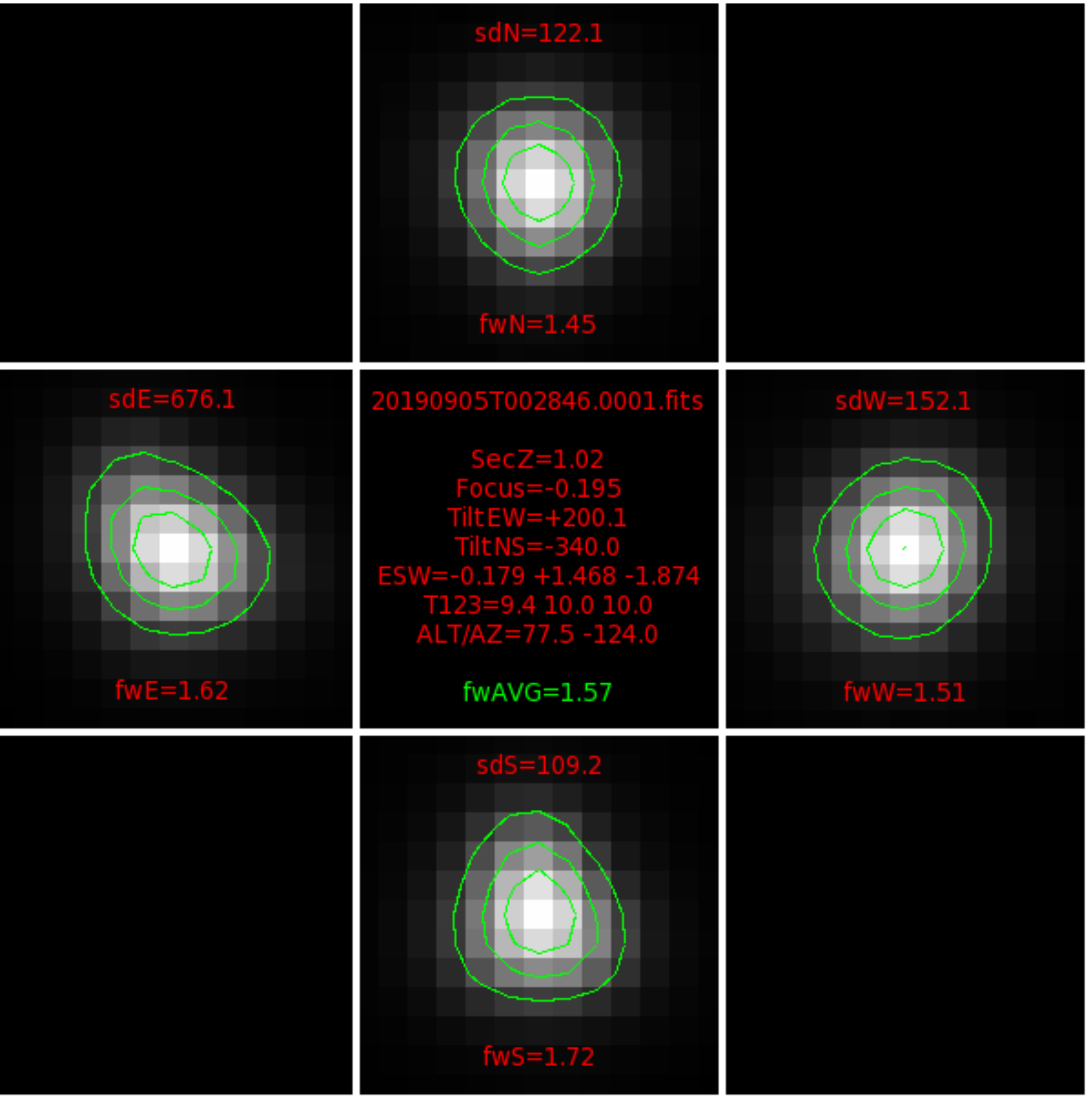
sdN=122.1
fwN=1.45
sdE=676.1
fwE=1.62
20190905T002846.0001.fits
SecZ=1.02
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=9.4 10.0 10.0
ALT/AZ=77.5 -124.0
fwAVG=1.57
sdW=152.1
fwW=1.51
sdS=109.2
fwS=1.72
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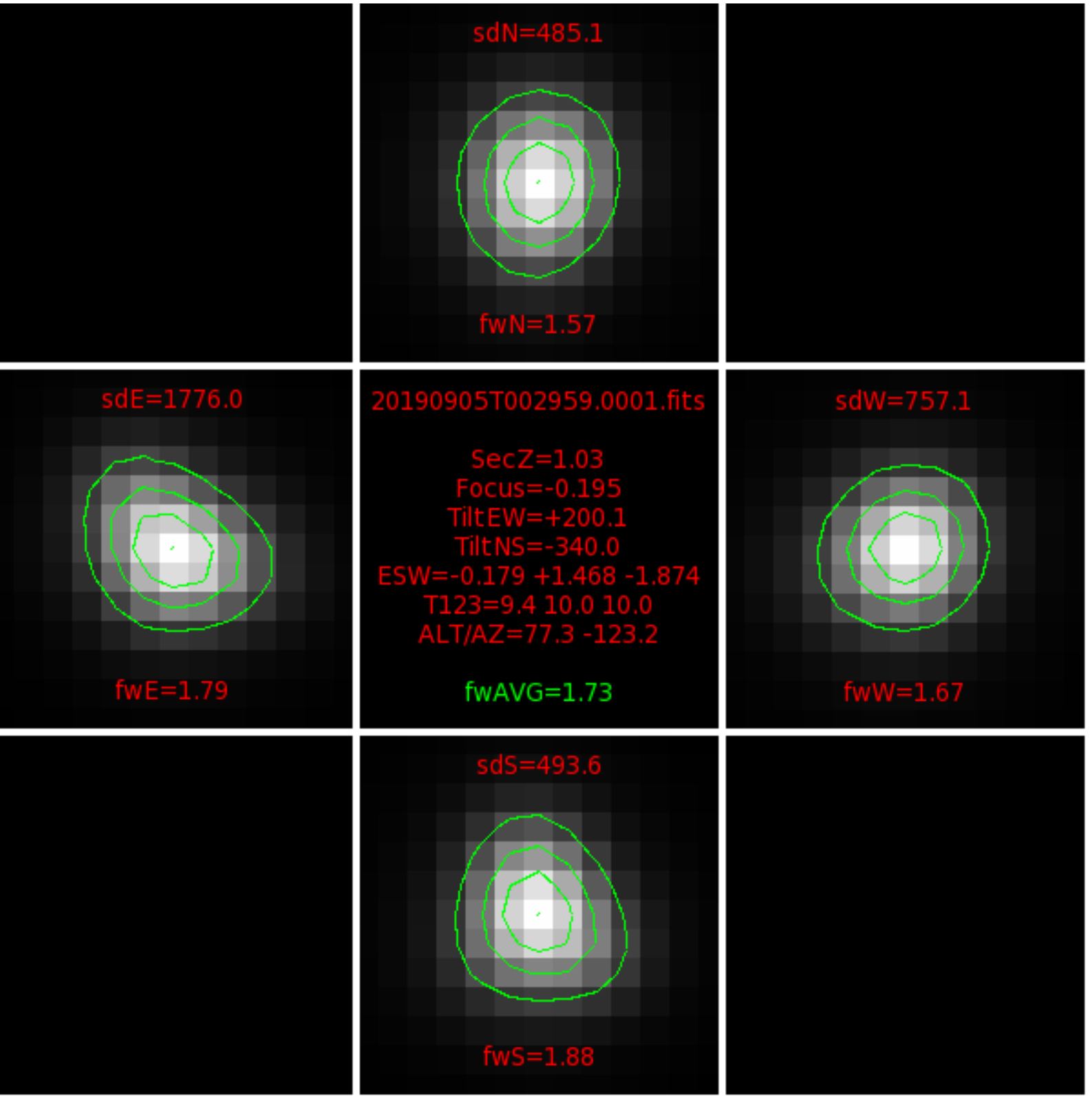
sdN=485.1
fwN=1.57
sdE=1776.0
fwE=1.79
20190905T002959.0001.fits
SecZ=1.03
Focus=-0.195
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.179 +1.468 -1.874
T123=9.4 10.0 10.0
ALT/AZ=77.3 -123.2
fwAVG=1.73
sdW=757.1
fwW=1.67
sdS=493.6
fwS=1.88
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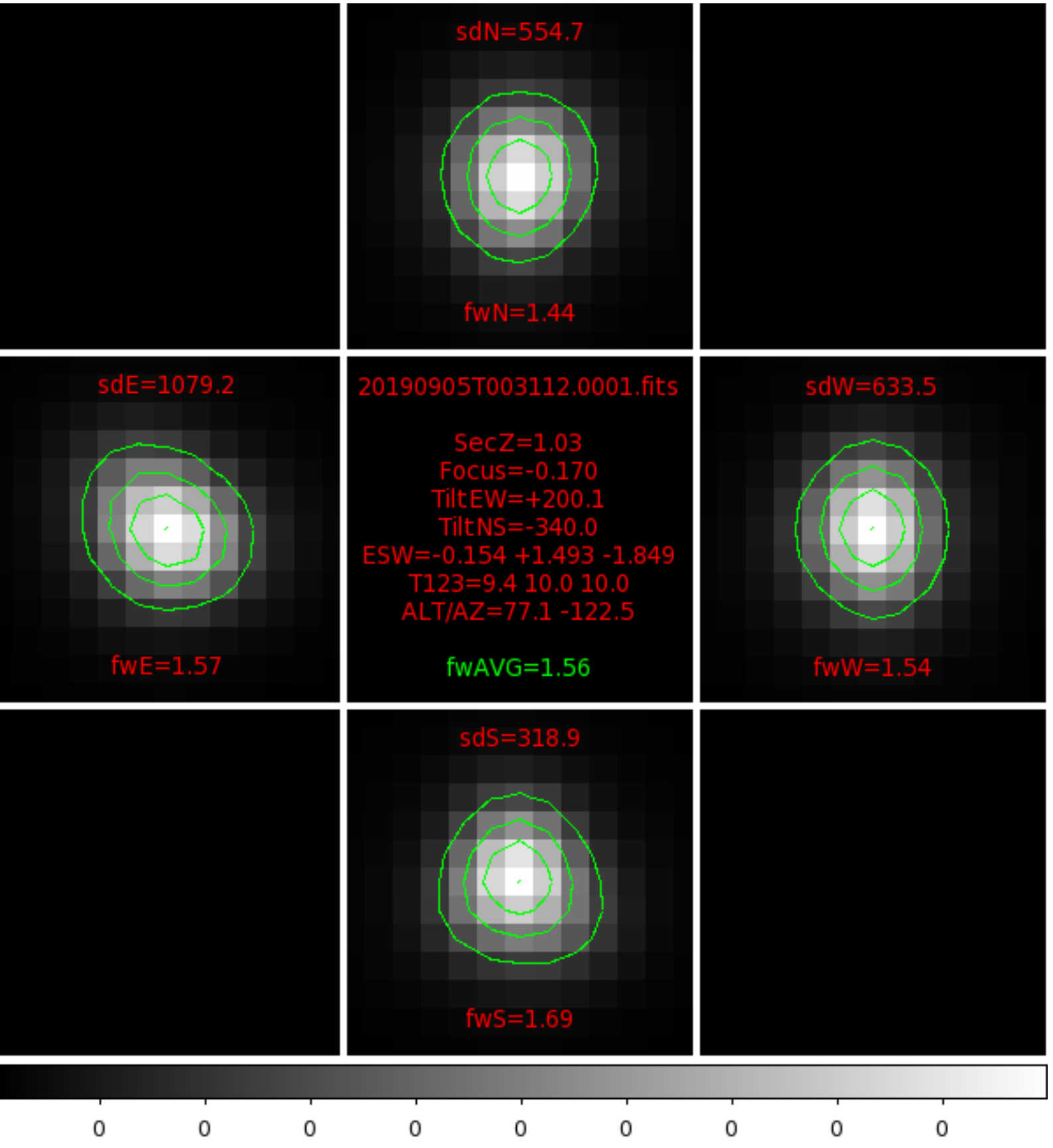
sdN=554.7
fwN=1.44
sdE=1079.2
fwE=1.57
20190905T003112.0001.fits
SecZ=1.03
Focus=-0.170
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.154 +1.493 -1.849
T123=9.4 10.0 10.0
ALT/AZ=77.1 -122.5
fwAVG=1.56
sdW=633.5
fwW=1.54
sdS=318.9
fwS=1.69
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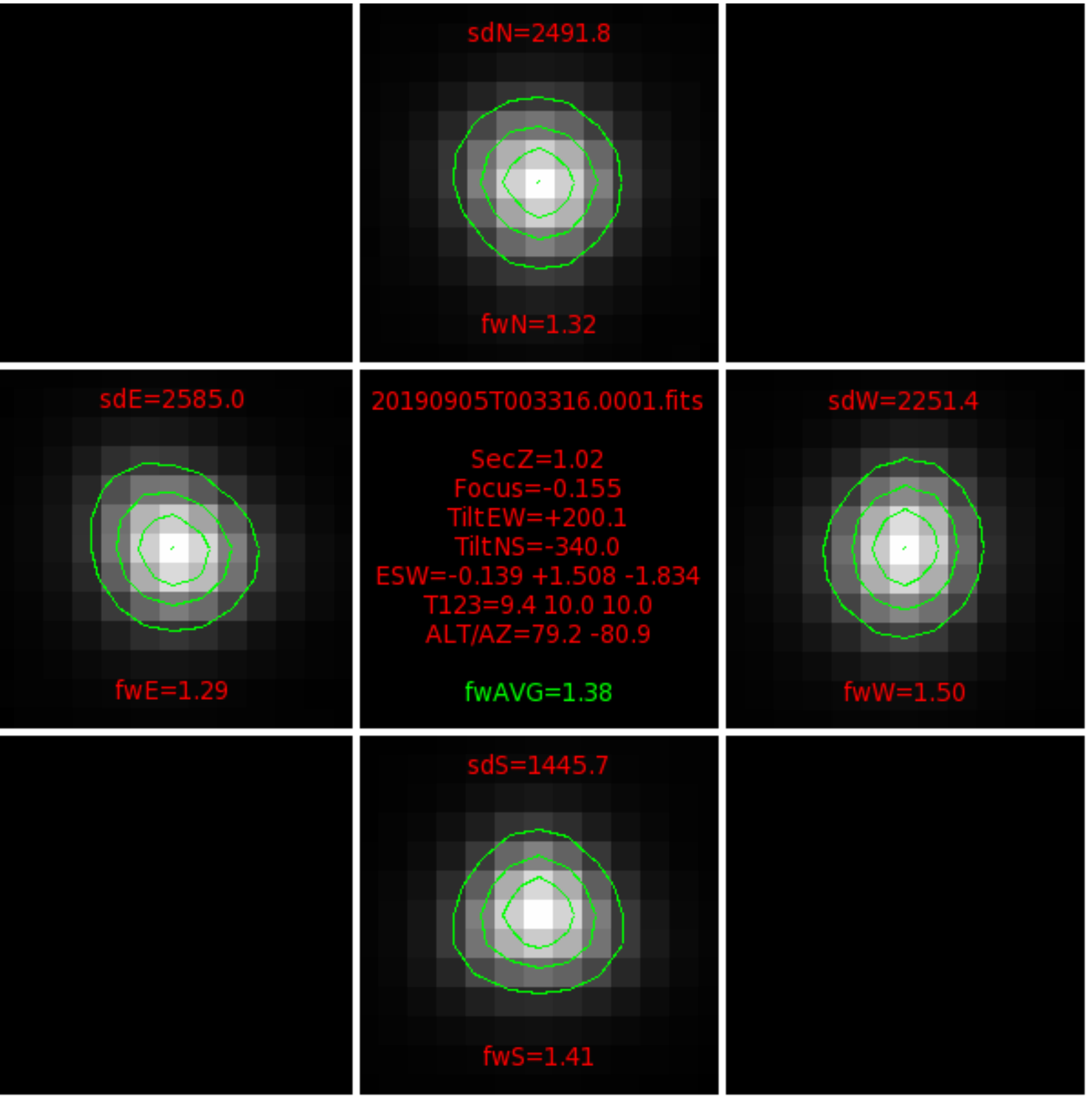
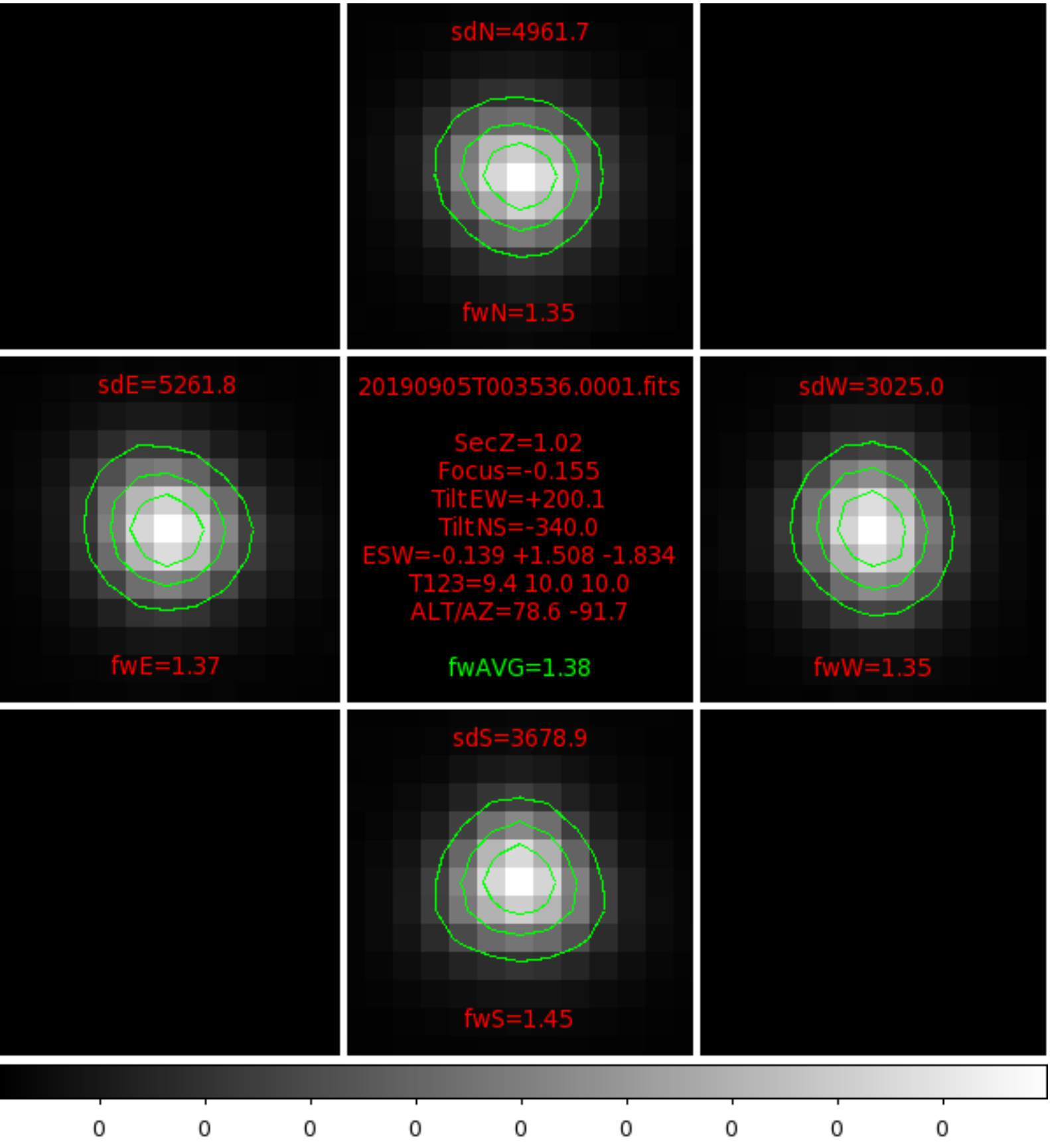

sdN=2491.8
fwN=1.32
sdE=2585.0
fwE=1.29
20190905T003316.0001.fits
SecZ=1.02
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.4 10.0 10.0
ALT/AZ=79.2 -80.9
fwAVG=1.38
sdW=2251.4
fwW=1.50
sdS=1445.7
fwS=1.41
0 0 0 0 0 0 0 0 0


sdN=4961.7
fwN=1.35
sdE=5261.8
fwE=1.37
20190905T003536.0001.fits
SecZ=1.02
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.4 10.0 10.0
ALT/AZ=78.6 -91.7
fwAVG=1.38
sdW=3025.0
fwW=1.35
sdS=3678.9
fwS=1.45
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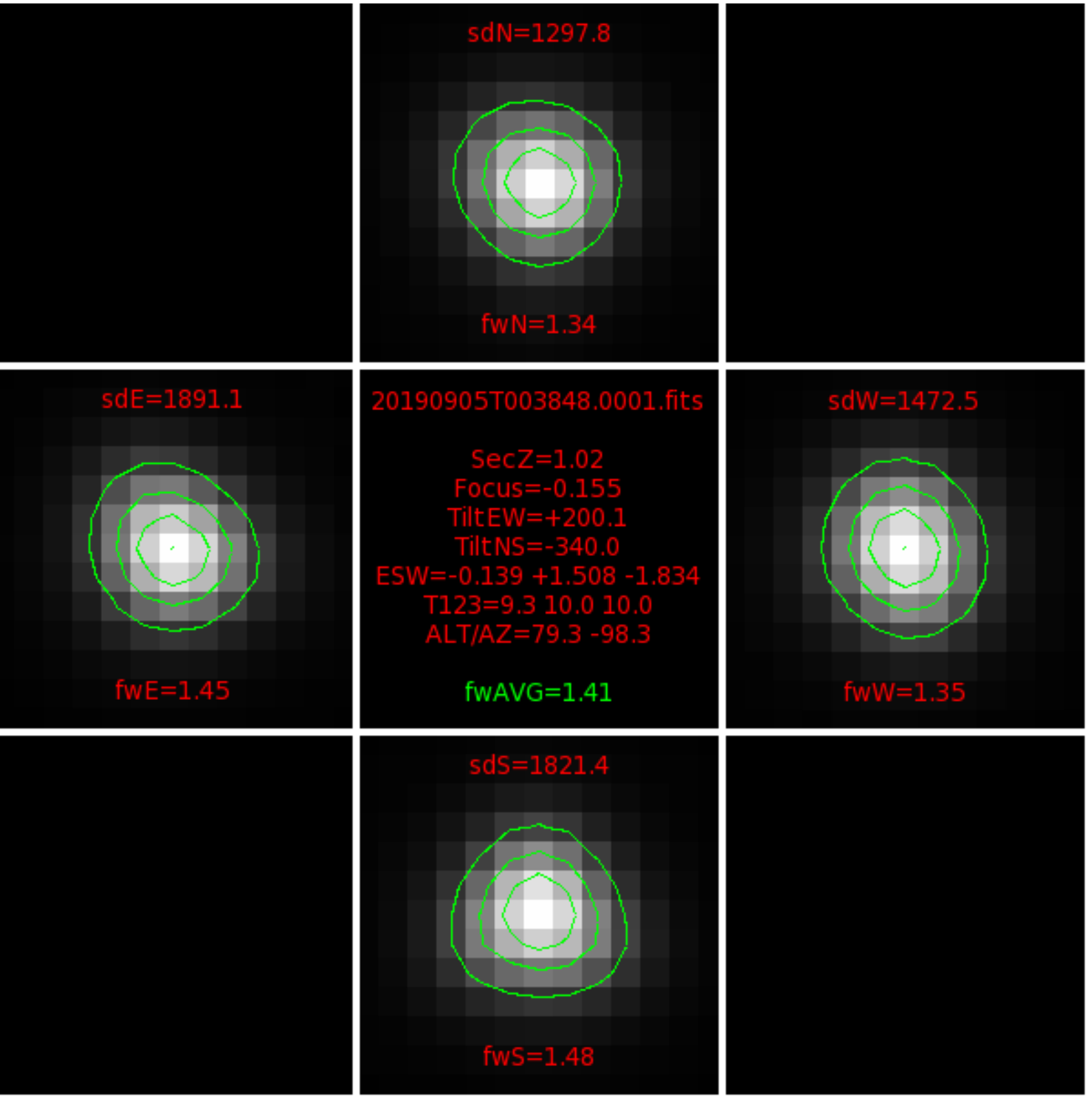
sdN=1297.8
fwN=1.34
sdE=1891.1
fwE=1.45
20190905T003848.0001.fits
SecZ=1.02
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.3 10.0 10.0
ALT/AZ=79.3 -98.3
fwAVG=1.41
sdW=1472.5
fwW=1.35
sdS=1821.4
fwS=1.48
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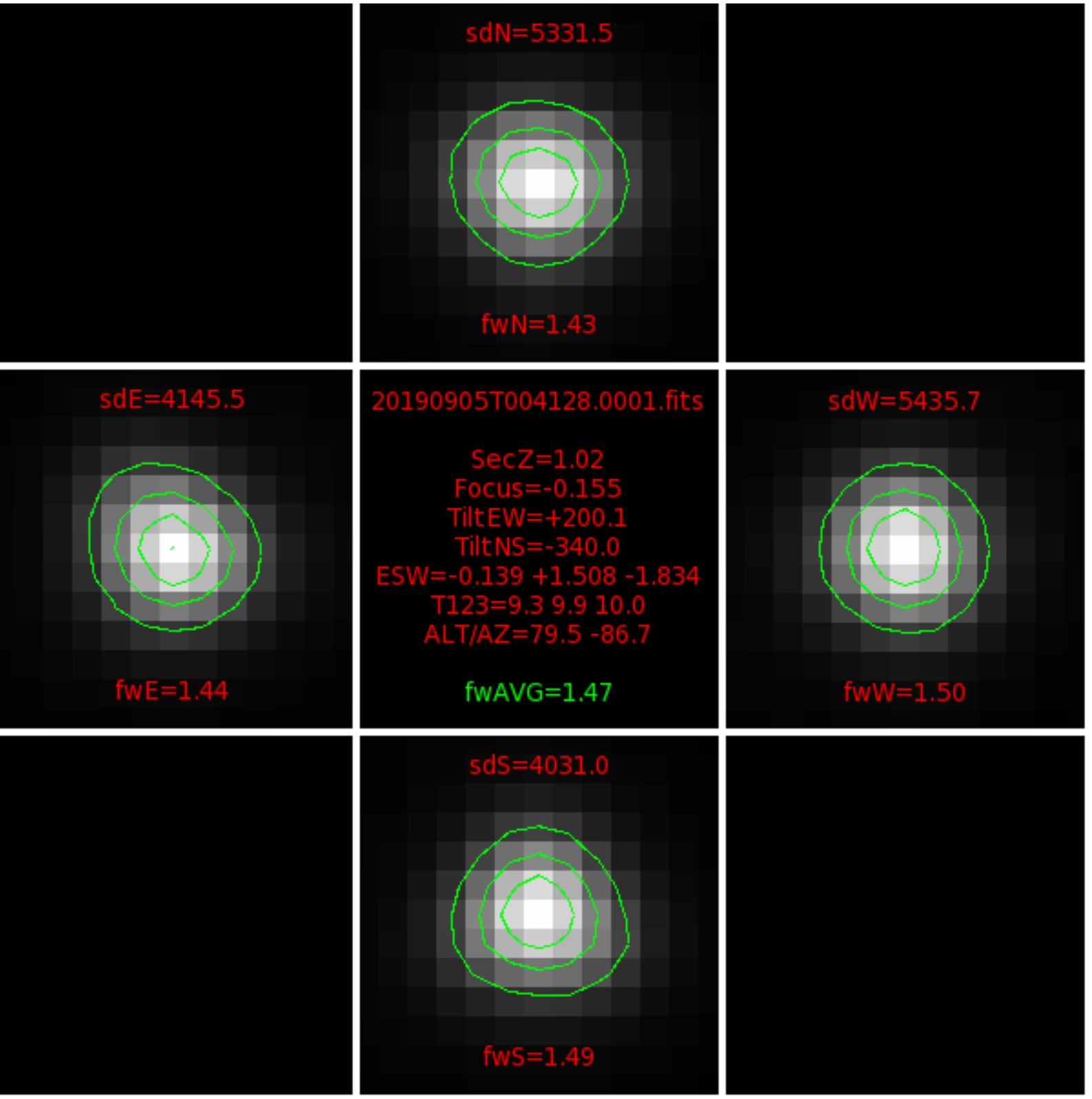
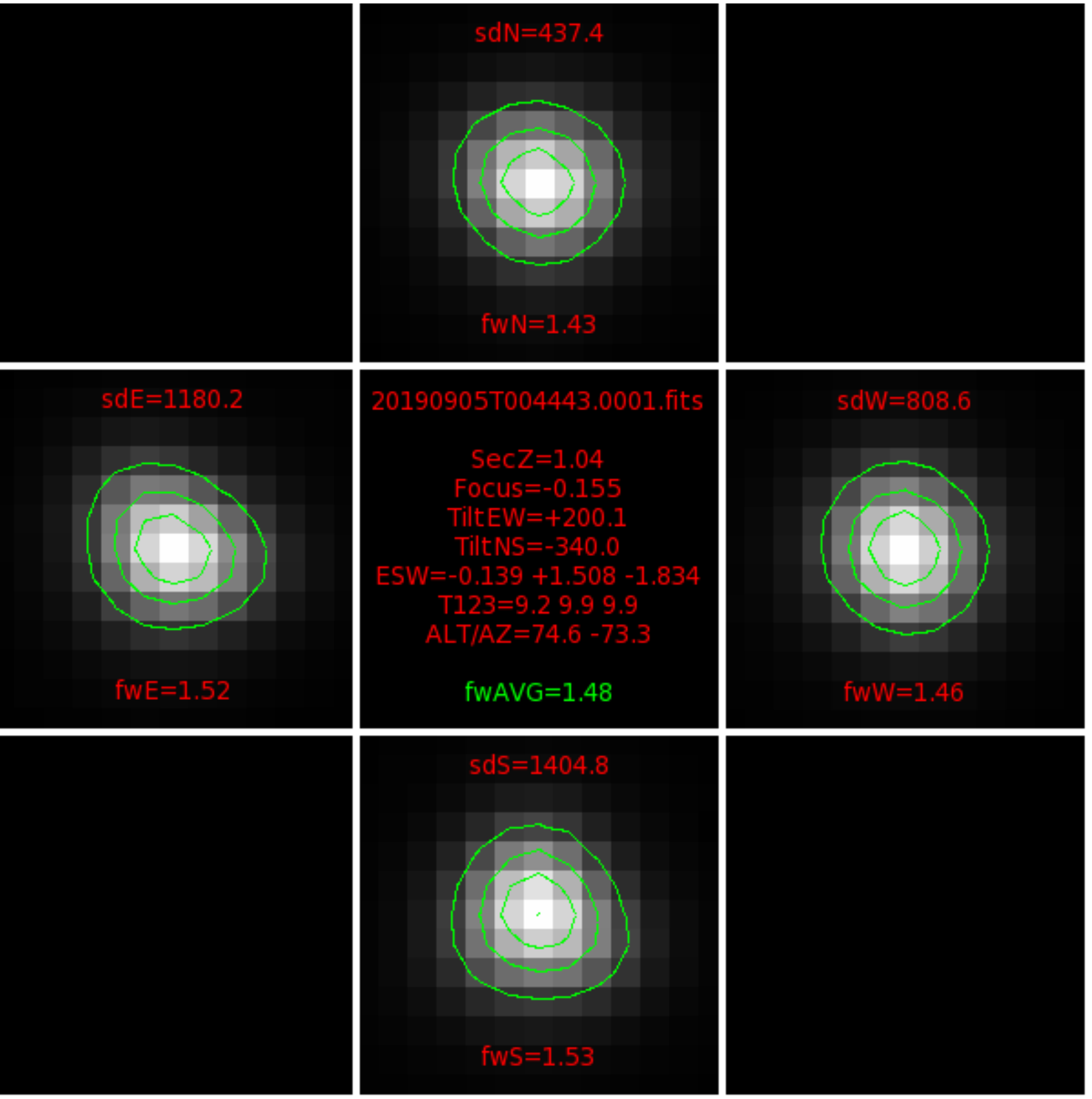

sdN=5331.5
fwN=1.43
sdE=4145.5
fwE=1.44
20190905T004128.0001.fits
SecZ=1.02
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.3 9.9 10.0
ALT/AZ=79.5 -86.7
fwAVG=1.47
sdW=5435.7
fwW=1.50
sdS=4031.0
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=437.4
fwN=1.43
sdE=1180.2
fwE=1.52
20190905T004443.0001.fits
SecZ=1.04
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.2 9.9 9.9
ALT/AZ=74.6 -73.3
fwAVG=1.48
sdW=808.6
fwW=1.46
sdS=1404.8
fwS=1.53
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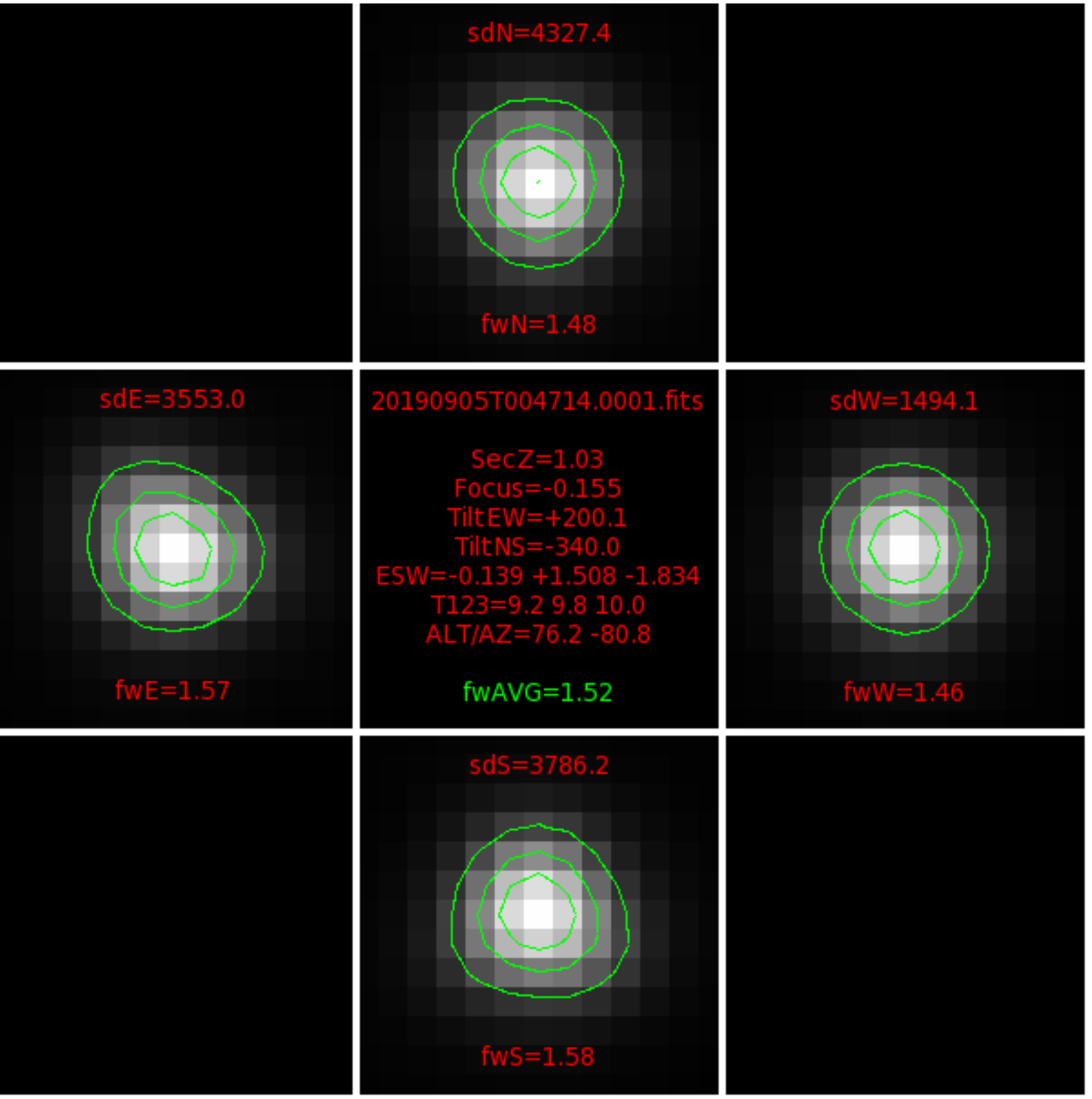
sdN=4327.4
fwN=1.48
sdE=3553.0
fwE=1.57
20190905T004714.0001.fits
SecZ=1.03
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.2 9.8 10.0
ALT/AZ=76.2 -80.8
fwAVG=1.52
sdW=1494.1
fwW=1.46
sdS=3786.2
fwS=1.58
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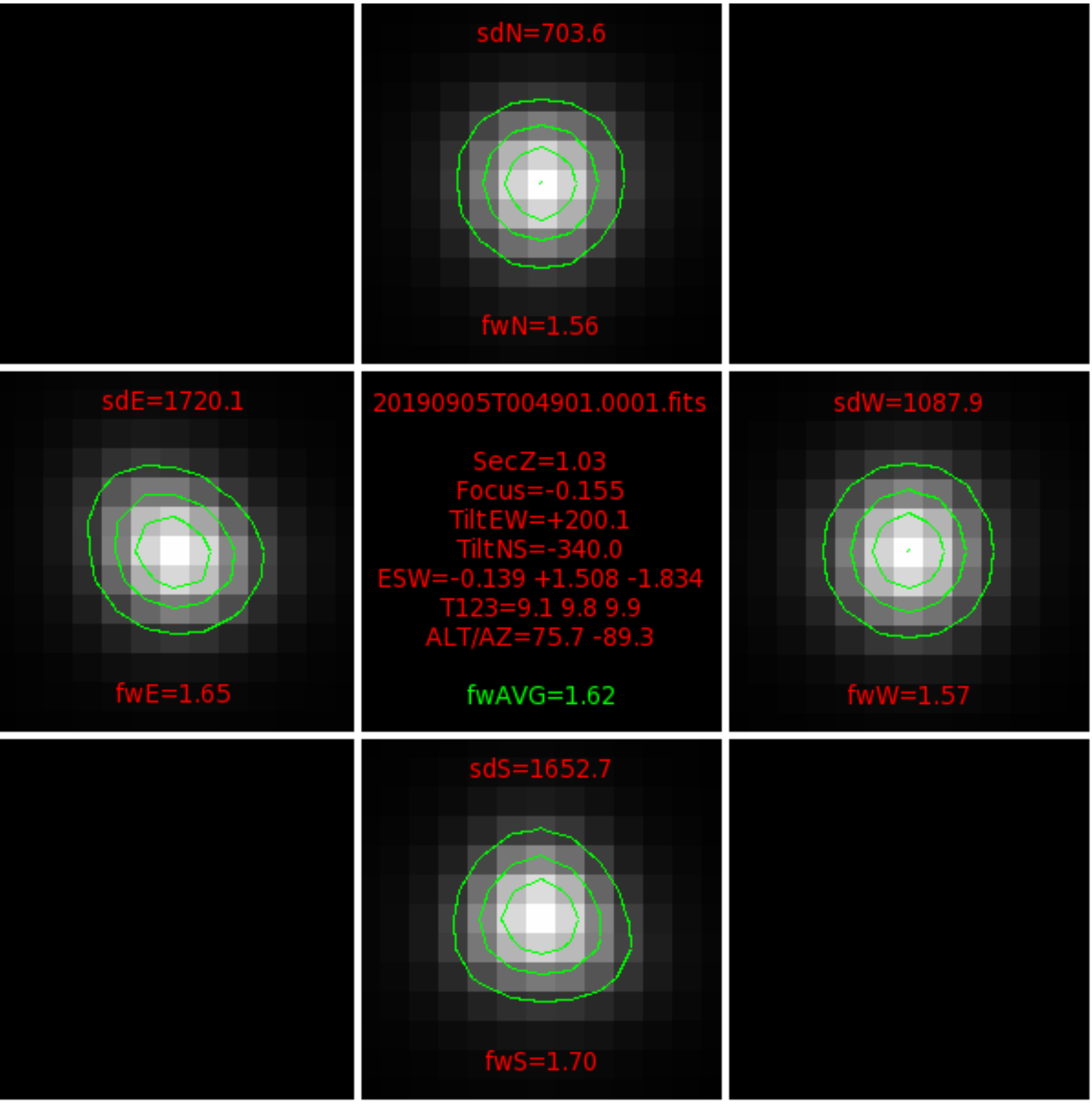
sdN=703.6
fwN=1.56
sdE=1720.1
fwE=1.65
20190905T004901.0001.fits
SecZ=1.03
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.8 9.9
ALT/AZ=75.7 -89.3
fwAVG=1.62
sdW=1087.9
fwW=1.57
sdS=1652.7
fwS=1.70
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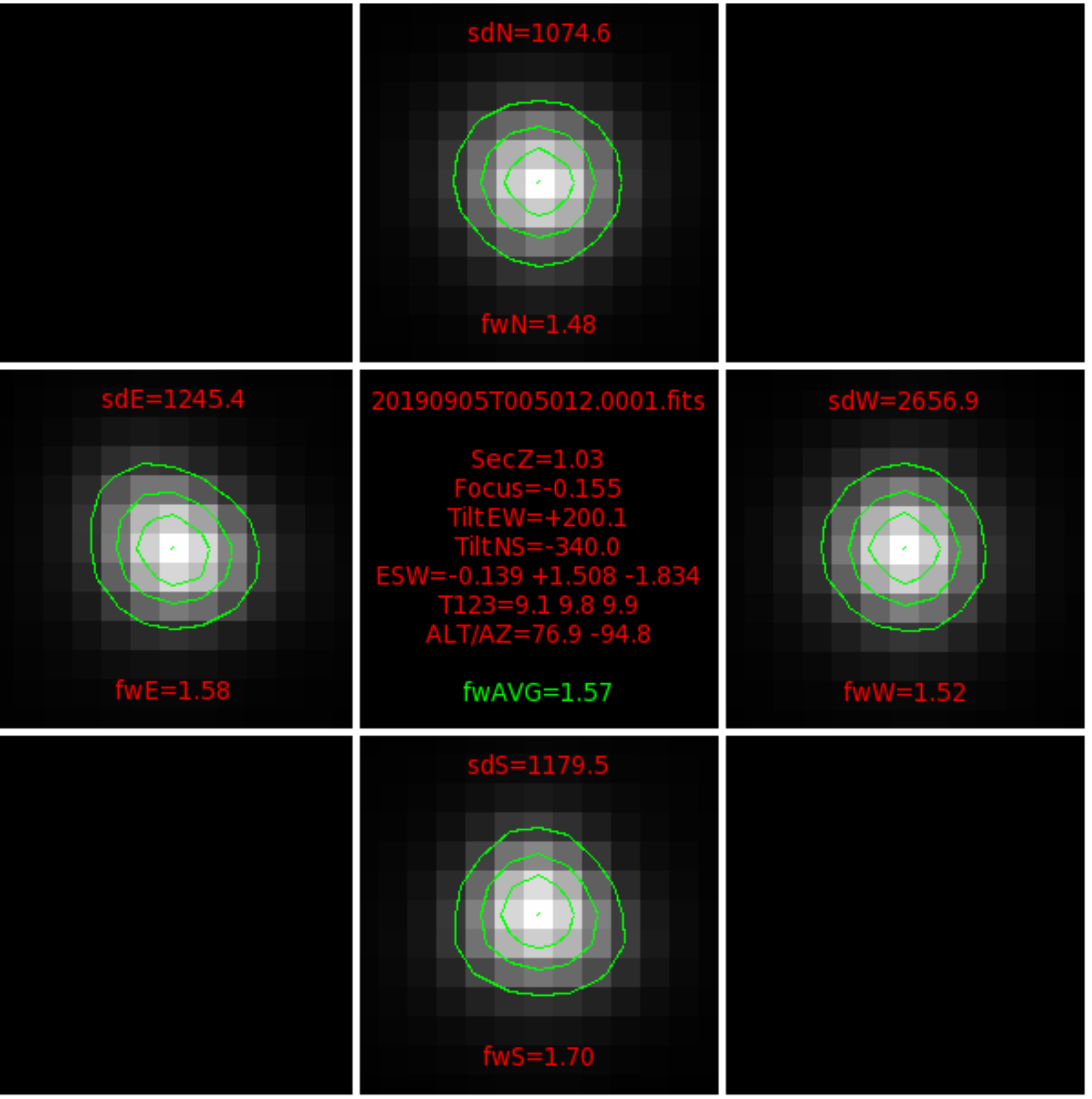
sdN=1074.6
fwN=1.48
sdE=1245.4
fwE=1.58
20190905T005012.0001.fits
SecZ=1.03
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.8 9.9
ALT/AZ=76.9 -94.8
fwAVG=1.57
sdW=2656.9
fwW=1.52
sdS=1179.5
fwS=1.70
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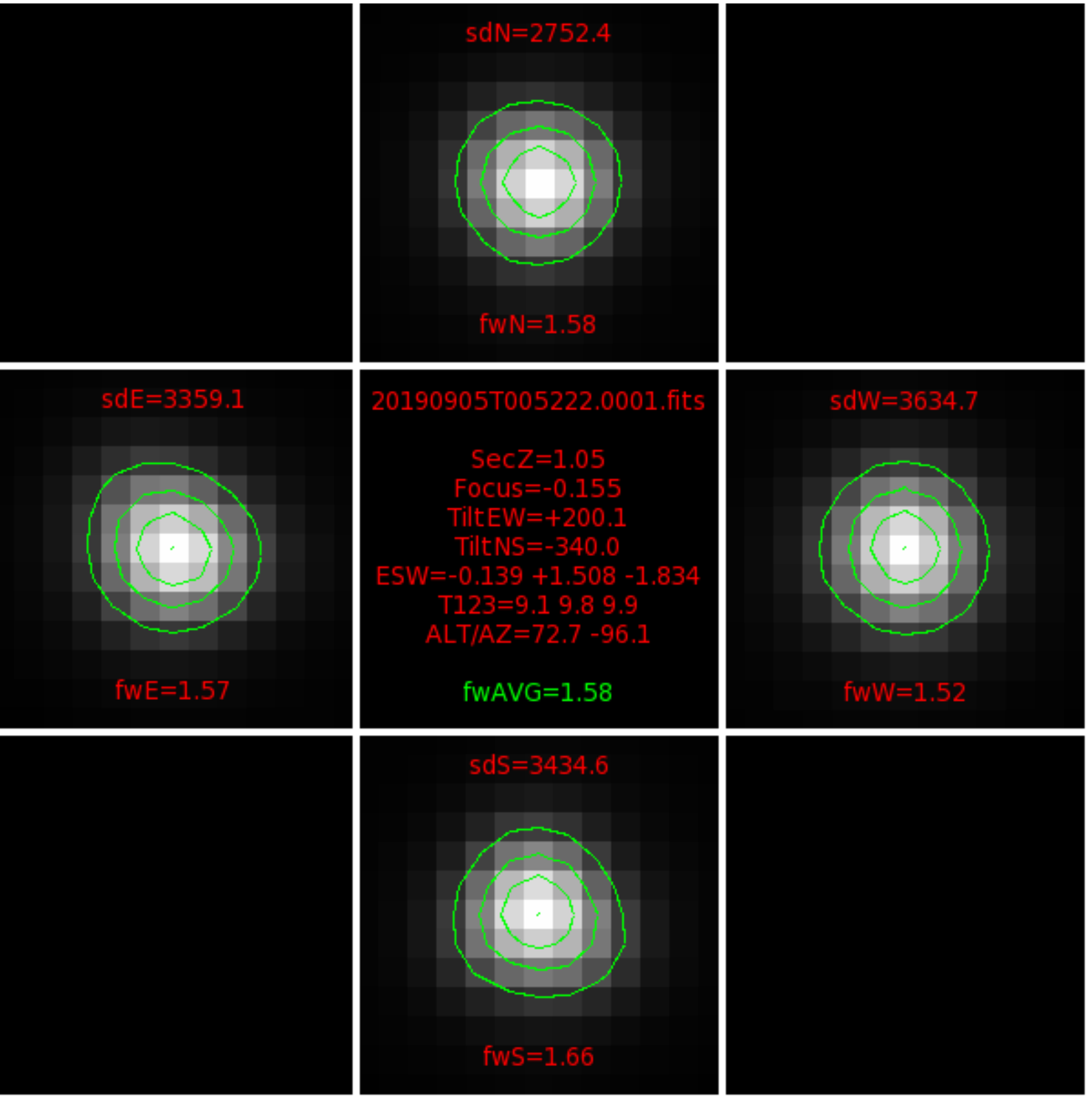
sdN=2752.4
fwN=1.58
sdE=3359.1
fwE=1.57
20190905T005222.0001.fits
SecZ=1.05
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.8 9.9
ALT/AZ=72.7 -96.1
fwAVG=1.58
sdW=3634.7
fwW=1.52
sdS=3434.6
fwS=1.66
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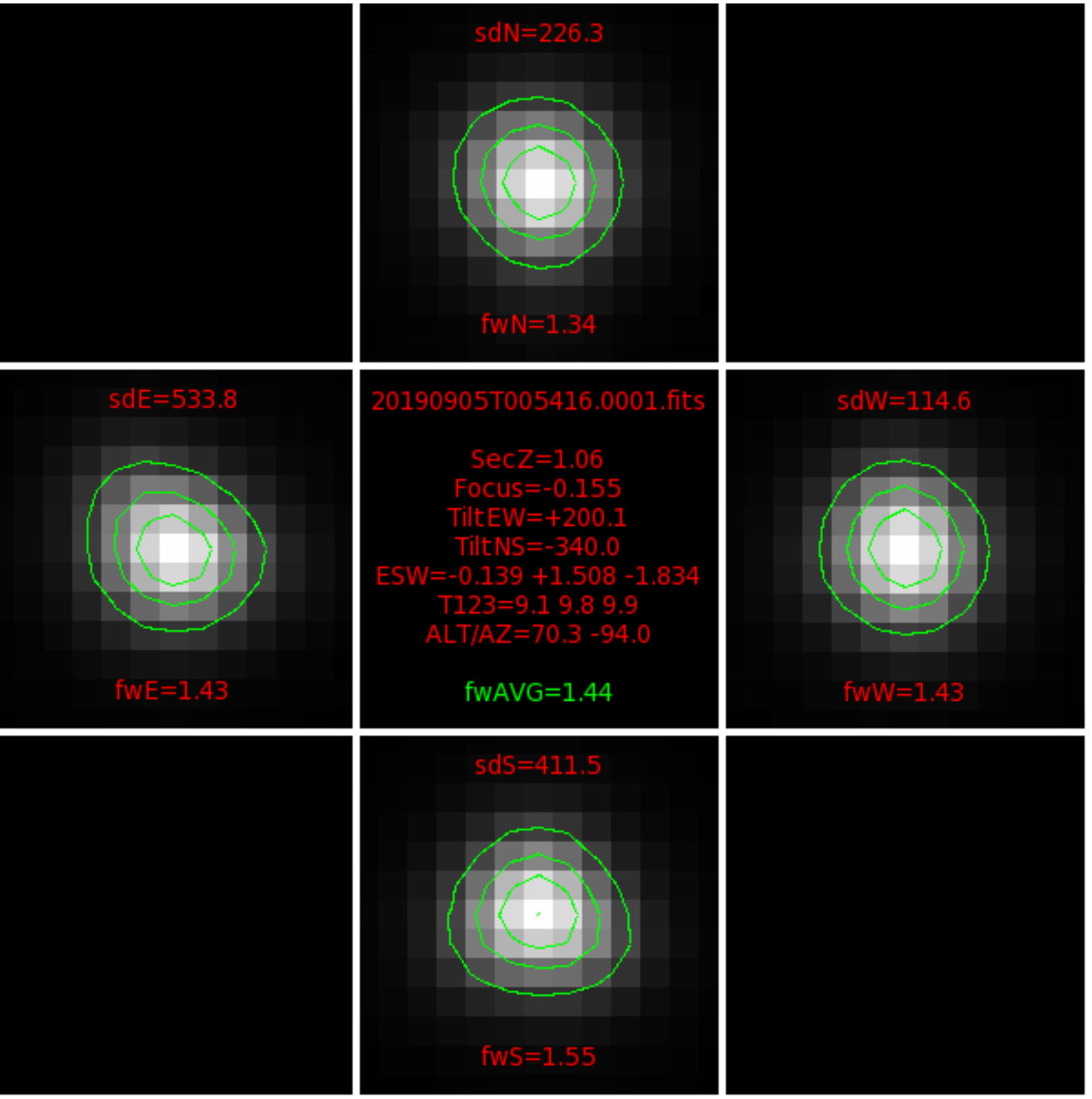
sdN=226.3
fwN=1.34
sdE=533.8
fwE=1.43
20190905T005416.0001.fits
SecZ=1.06
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.8 9.9
ALT/AZ=70.3 -94.0
fwAVG=1.44
sdW=114.6
fwW=1.43
sdS=411.5
fwS=1.55
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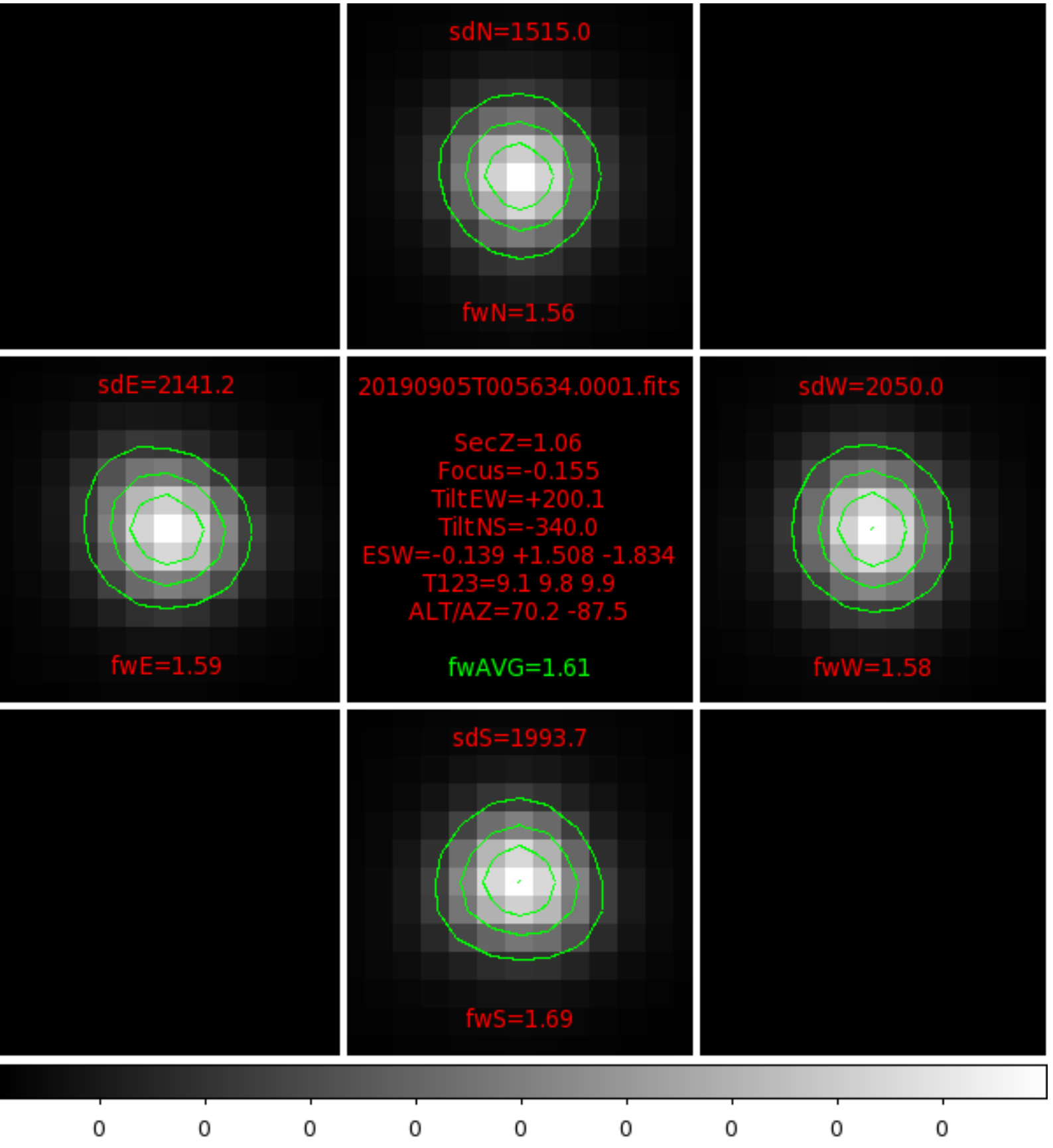
sdN=1515.0
fwN=1.56
sdE=2141.2
fwE=1.59
20190905T005634.0001.fits
SecZ=1.06
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.8 9.9
ALT/AZ=70.2 -87.5
fwAVG=1.61
sdW=2050.0
fwW=1.58
sdS=1993.7
fwS=1.69
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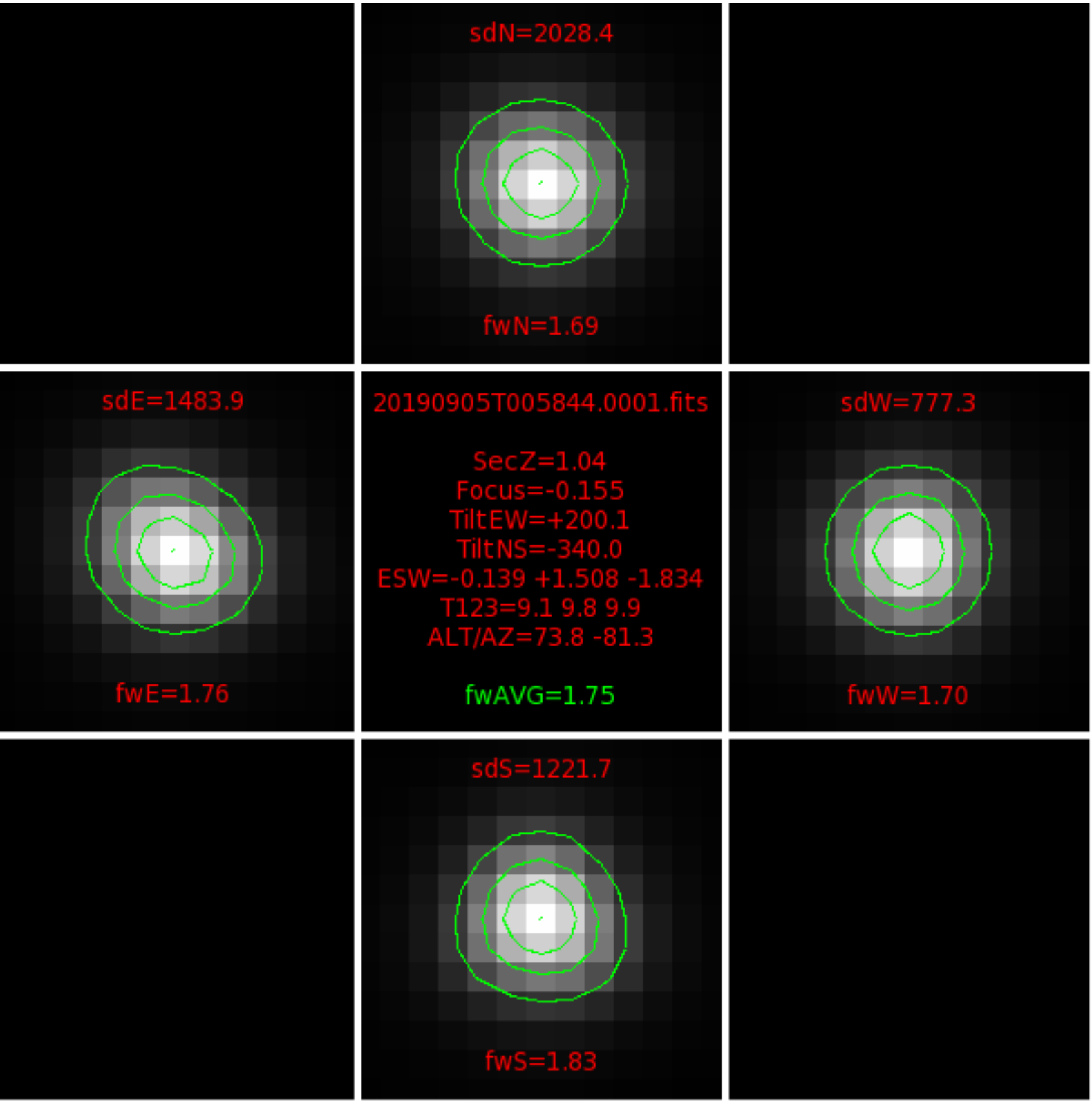
sdN=2028.4
fwN=1.69
sdE=1483.9
fwE=1.76
20190905T005844.0001.fits
SecZ=1.04
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.8 9.9
ALT/AZ=73.8 -81.3
fwAVG=1.75
sdW=777.3
fwW=1.70
sdS=1221.7
fwS=1.83
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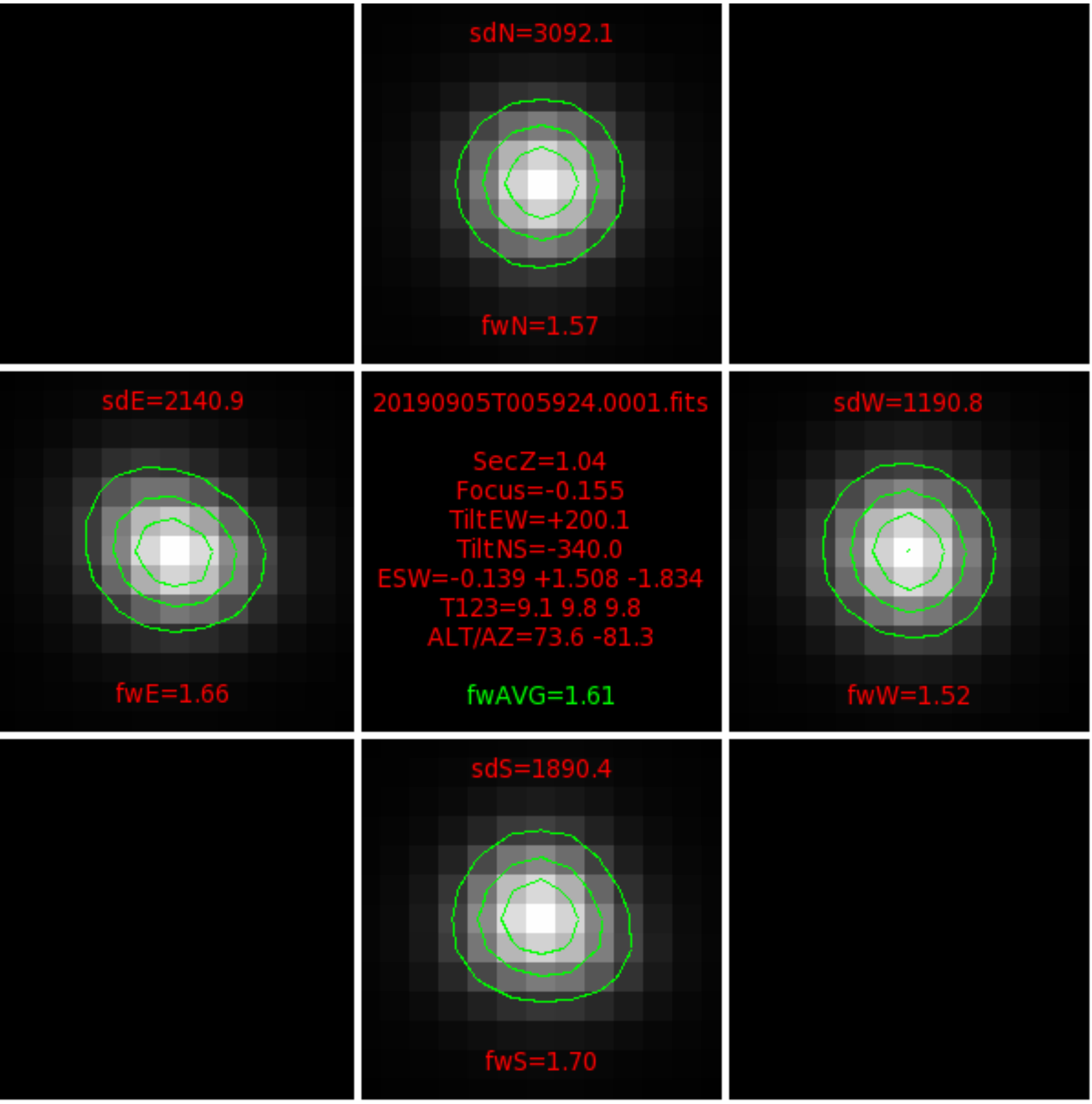
sdN=3092.1
fwN=1.57
sdE=2140.9
fwE=1.66
20190905T005924.0001.fits
SecZ=1.04
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.8 9.8
ALT/AZ=73.6 -81.3
fwAVG=1.61
sdW=1190.8
fwW=1.52
sdS=1890.4
fwS=1.70
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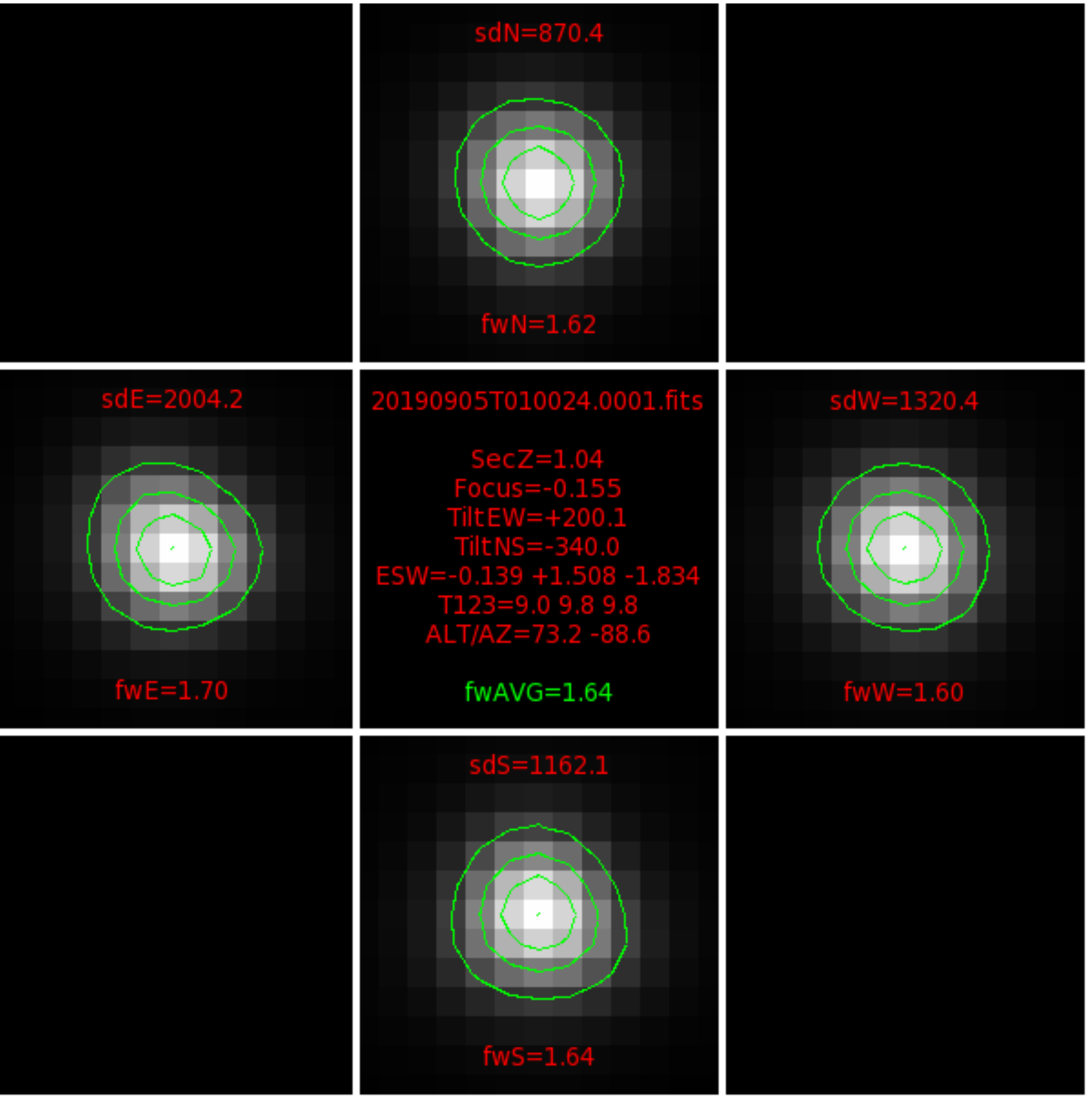
sdN=870.4
fwN=1.62
sdE=2004.2
fwE=1.70
20190905T010024.0001.fits
SecZ=1.04
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.8 9.8
ALT/AZ=73.2 -88.6
fwAVG=1.64
sdW=1320.4
fwW=1.60
sdS=1162.1
fwS=1.64
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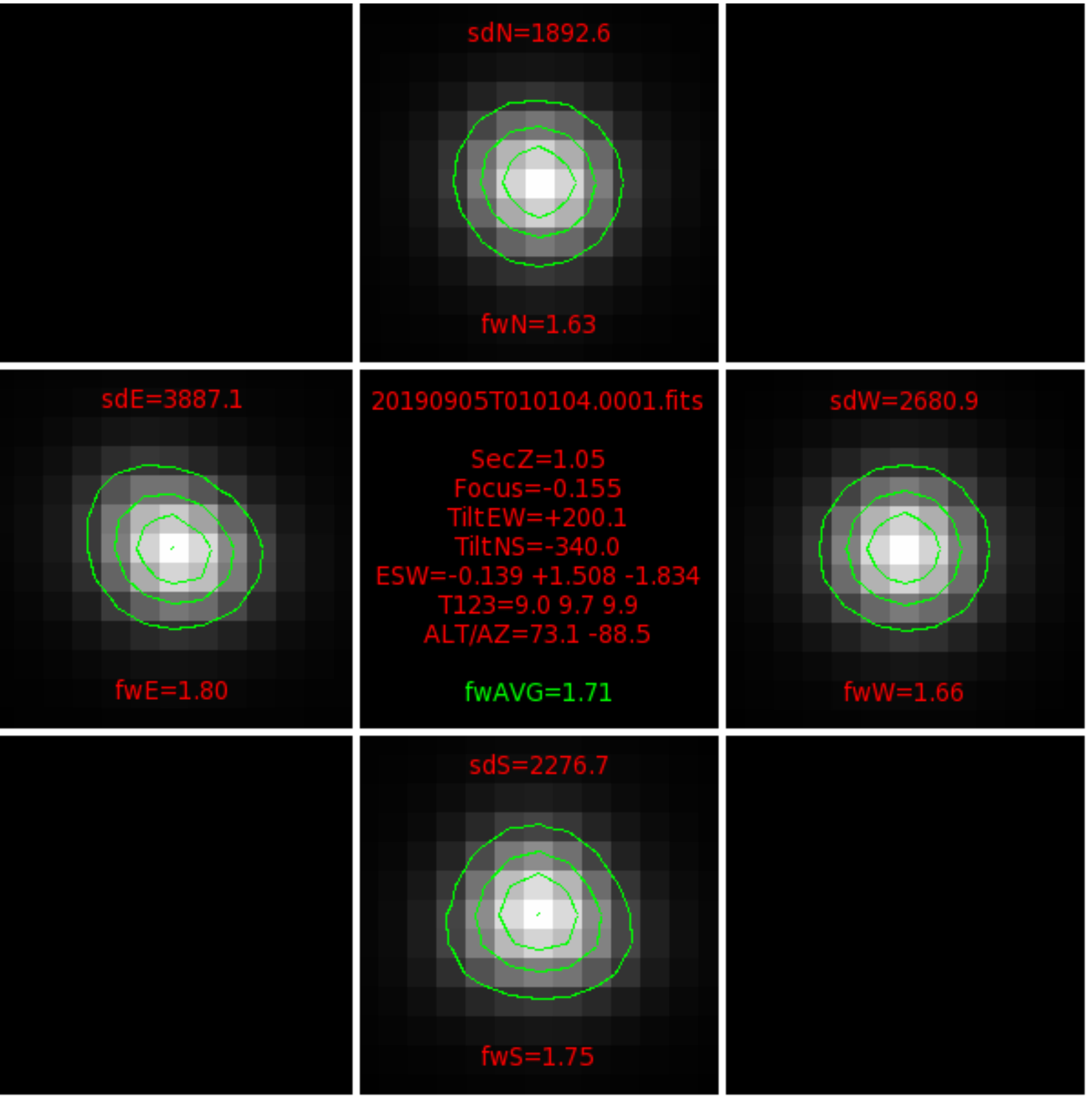
sdN=1892.6
fwN=1.63
sdE=3887.1
fwE=1.80
20190905T010104.0001.fits
SecZ=1.05
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.7 9.9
ALT/AZ=73.1 -88.5
fwAVG=1.71
sdW=2680.9
fwW=1.66
sdS=2276.7
fwS=1.75
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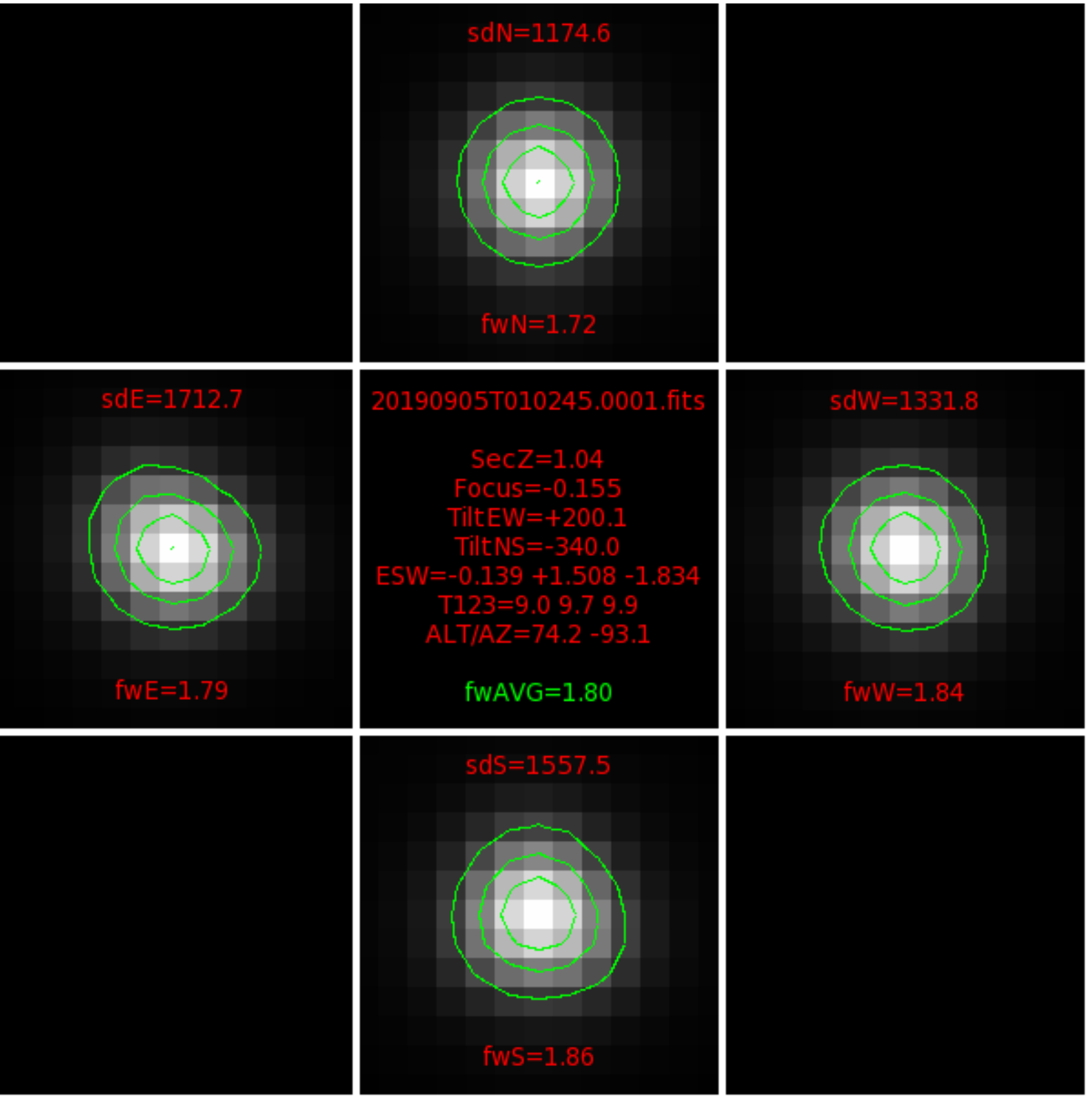
sdN=1174.6
fwN=1.72
sdE=1712.7
fwE=1.79
20190905T010245.0001.fits
SecZ=1.04
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.7 9.9
ALT/AZ=74.2 -93.1
fwAVG=1.80
sdW=1331.8
fwW=1.84
sdS=1557.5
fwS=1.86
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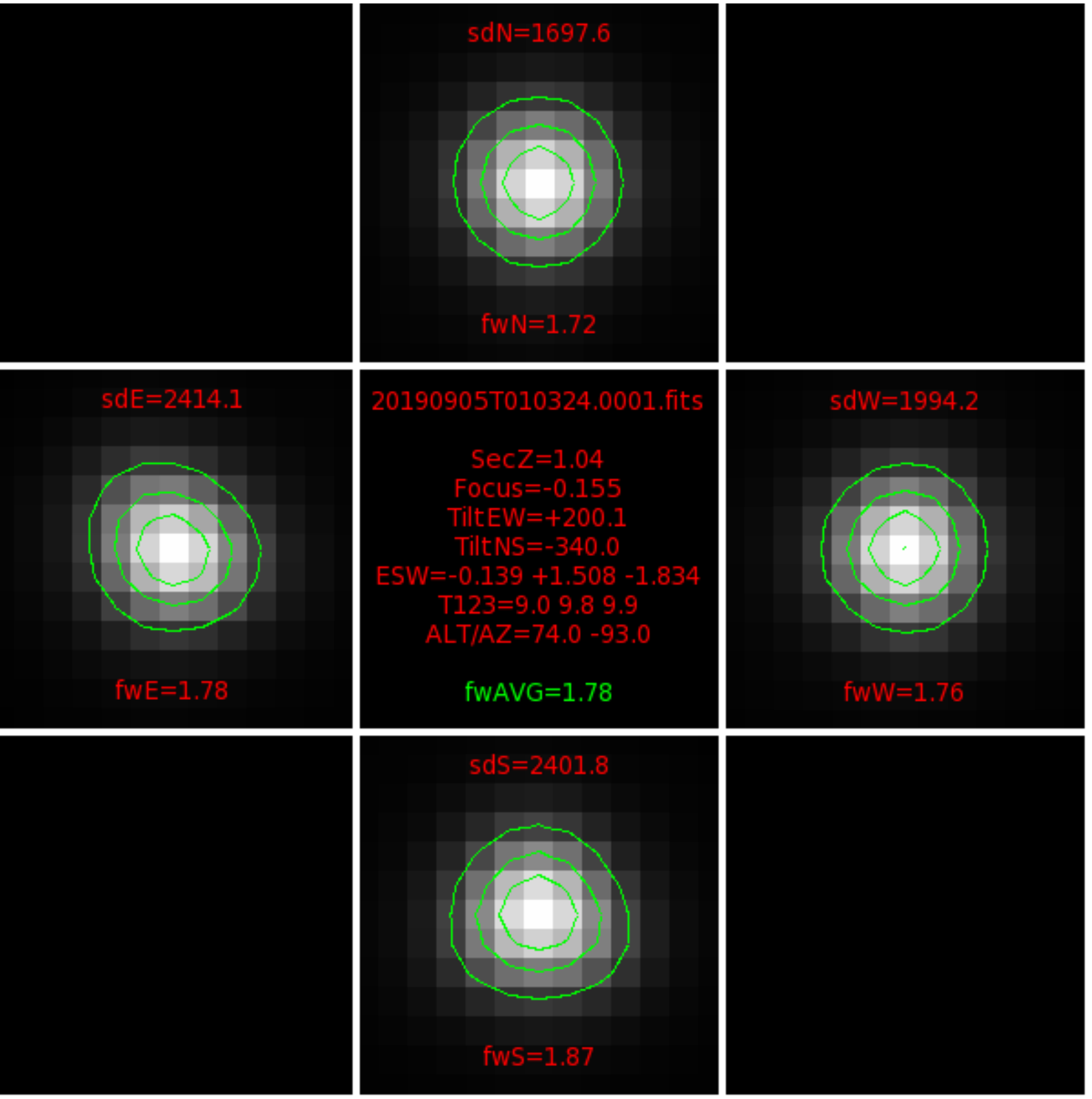
sdN=1697.6
fwN=1.72
sdE=2414.1
fwE=1.78
20190905T010324.0001.fits
SecZ=1.04
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.8 9.9
ALT/AZ=74.0 -93.0
fwAVG=1.78
sdW=1994.2
fwW=1.76
sdS=2401.8
fwS=1.87
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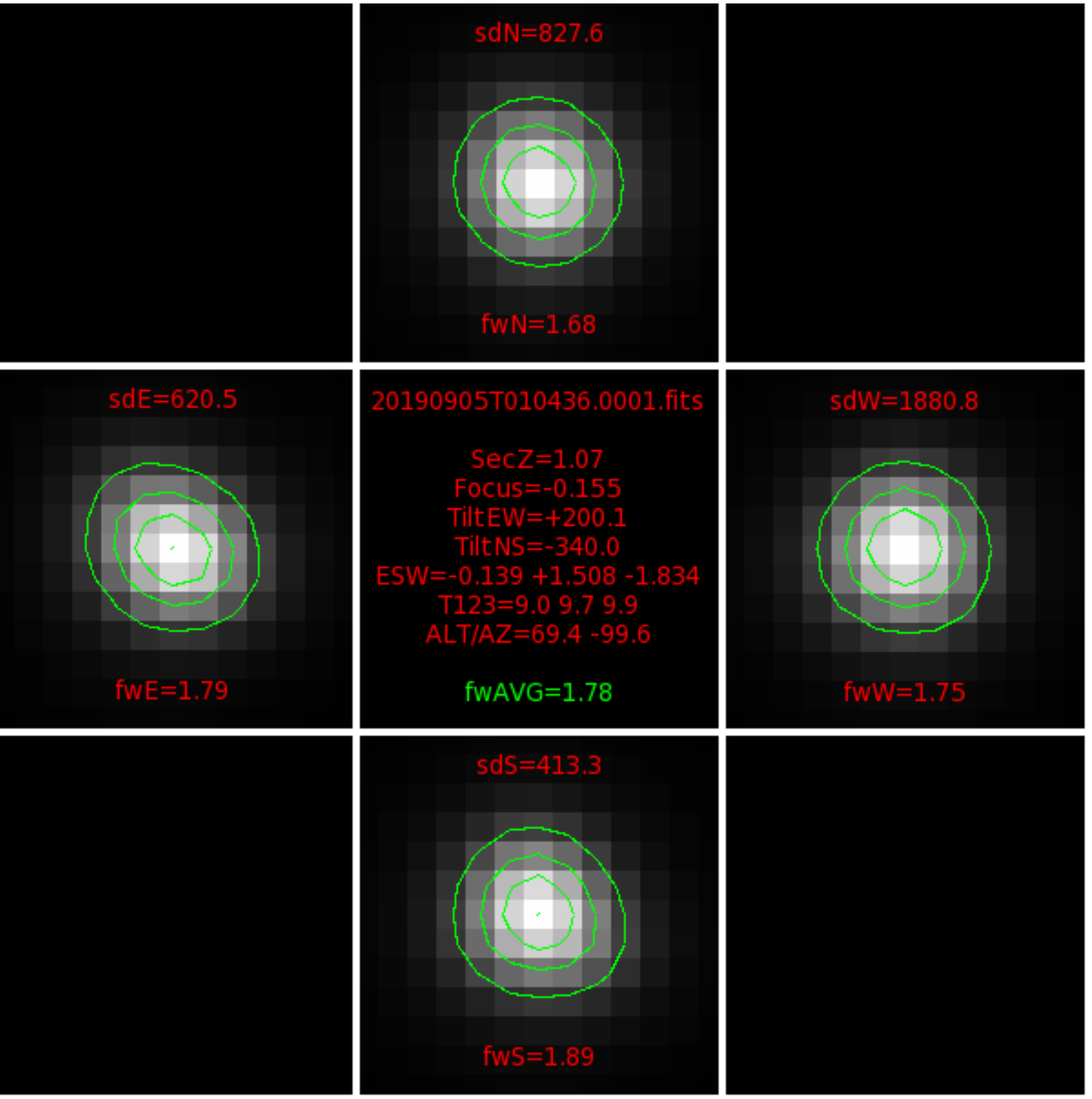
sdN=827.6
fwN=1.68
sdE=620.5
fwE=1.79
20190905T010436.0001.fits
SecZ=1.07
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.7 9.9
ALT/AZ=69.4 -99.6
fwAVG=1.78
sdW=1880.8
fwW=1.75
sdS=413.3
fwS=1.89
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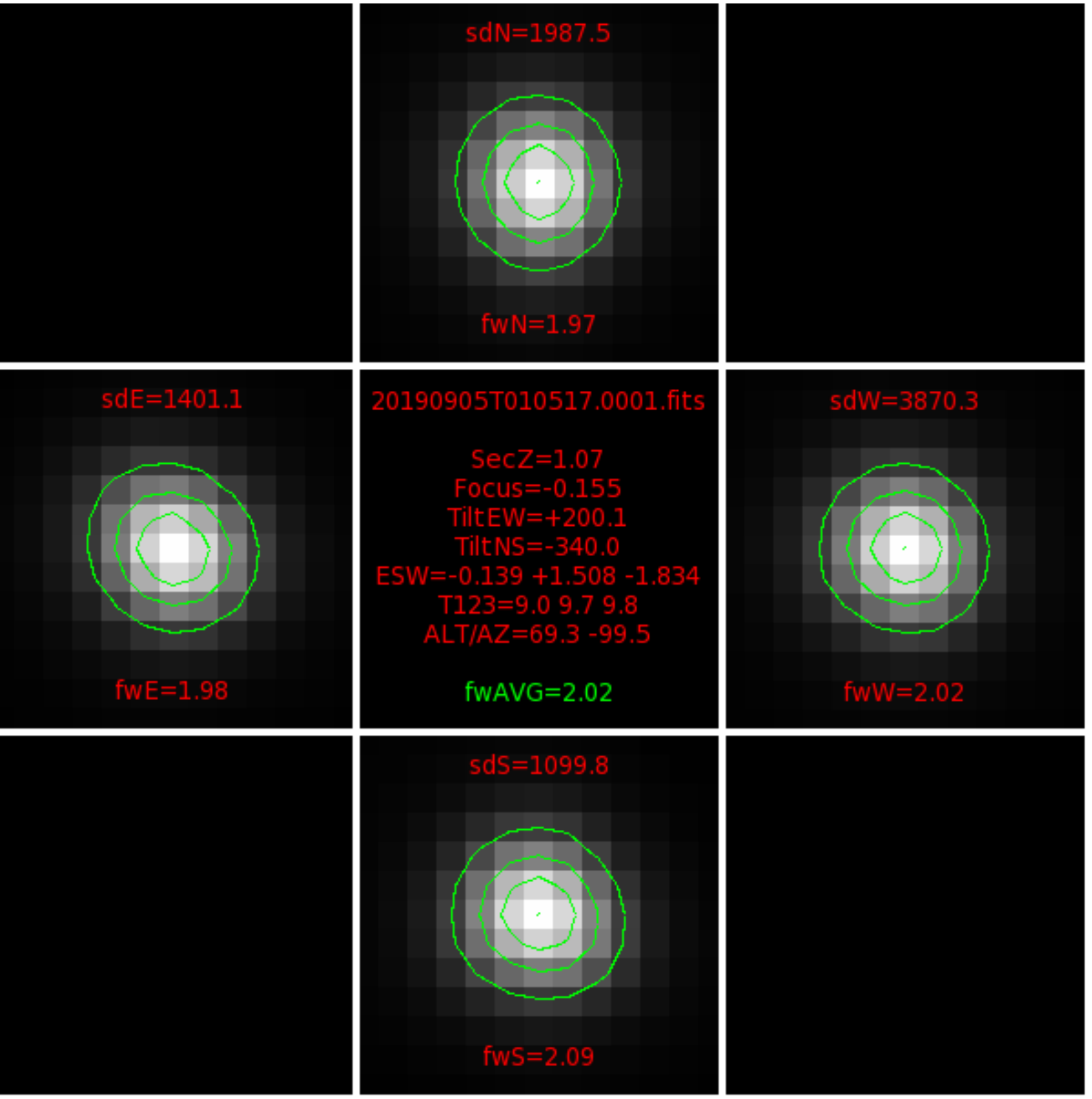
sdN=1987.5
fwN=1.97
sdE=1401.1
fwE=1.98
20190905T010517.0001.fits
SecZ=1.07
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.7 9.8
ALT/AZ=69.3 -99.5
fwAVG=2.02
sdW=3870.3
fwW=2.02
sdS=1099.8
fwS=2.09
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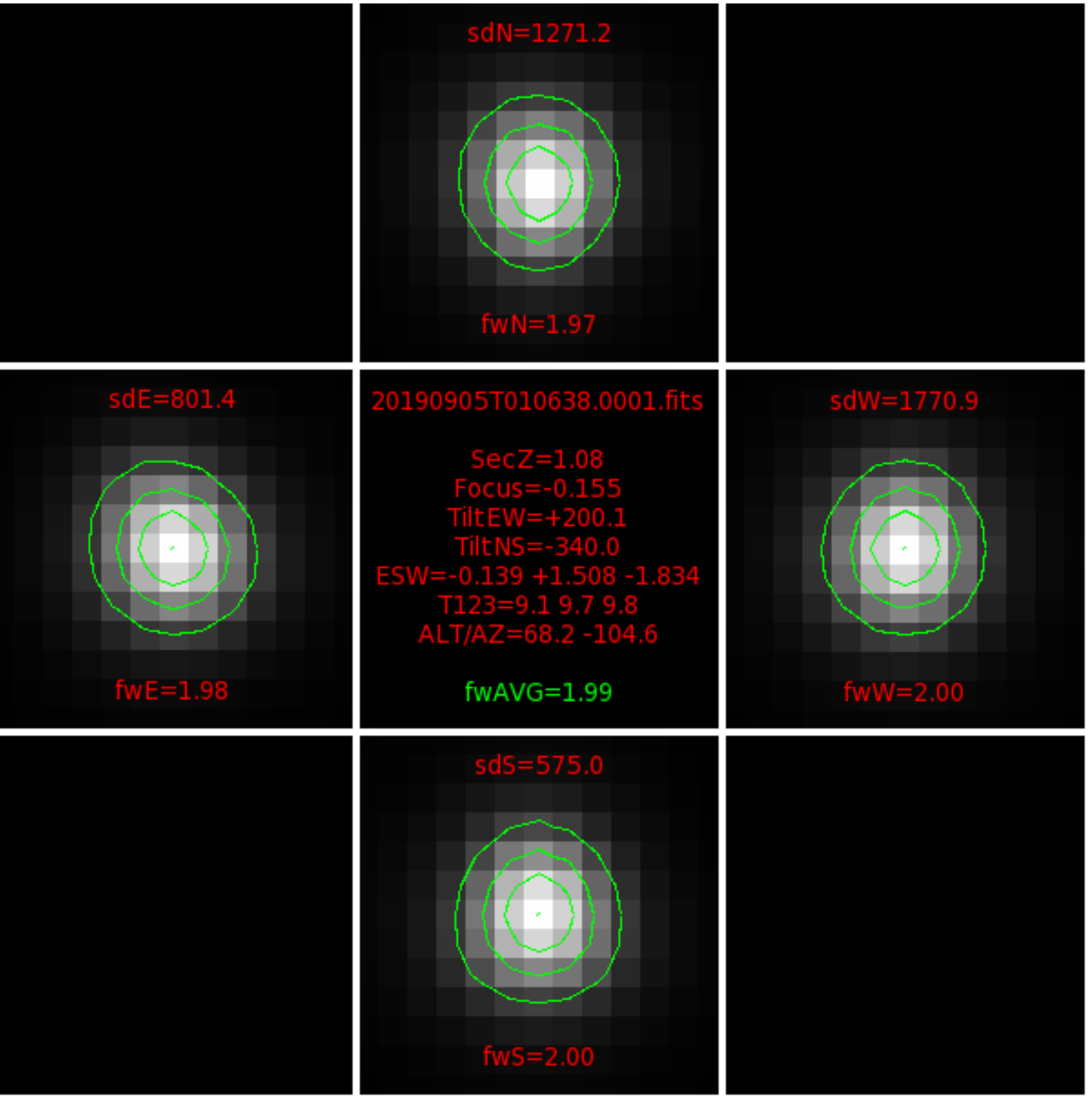
sdN=1271.2
fwN=1.97
sdE=801.4
fwE=1.98
20190905T010638.0001.fits
SecZ=1.08
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.7 9.8
ALT/AZ=68.2 -104.6
fwAVG=1.99
sdW=1770.9
fwW=2.00
sdS=575.0
fwS=2.00
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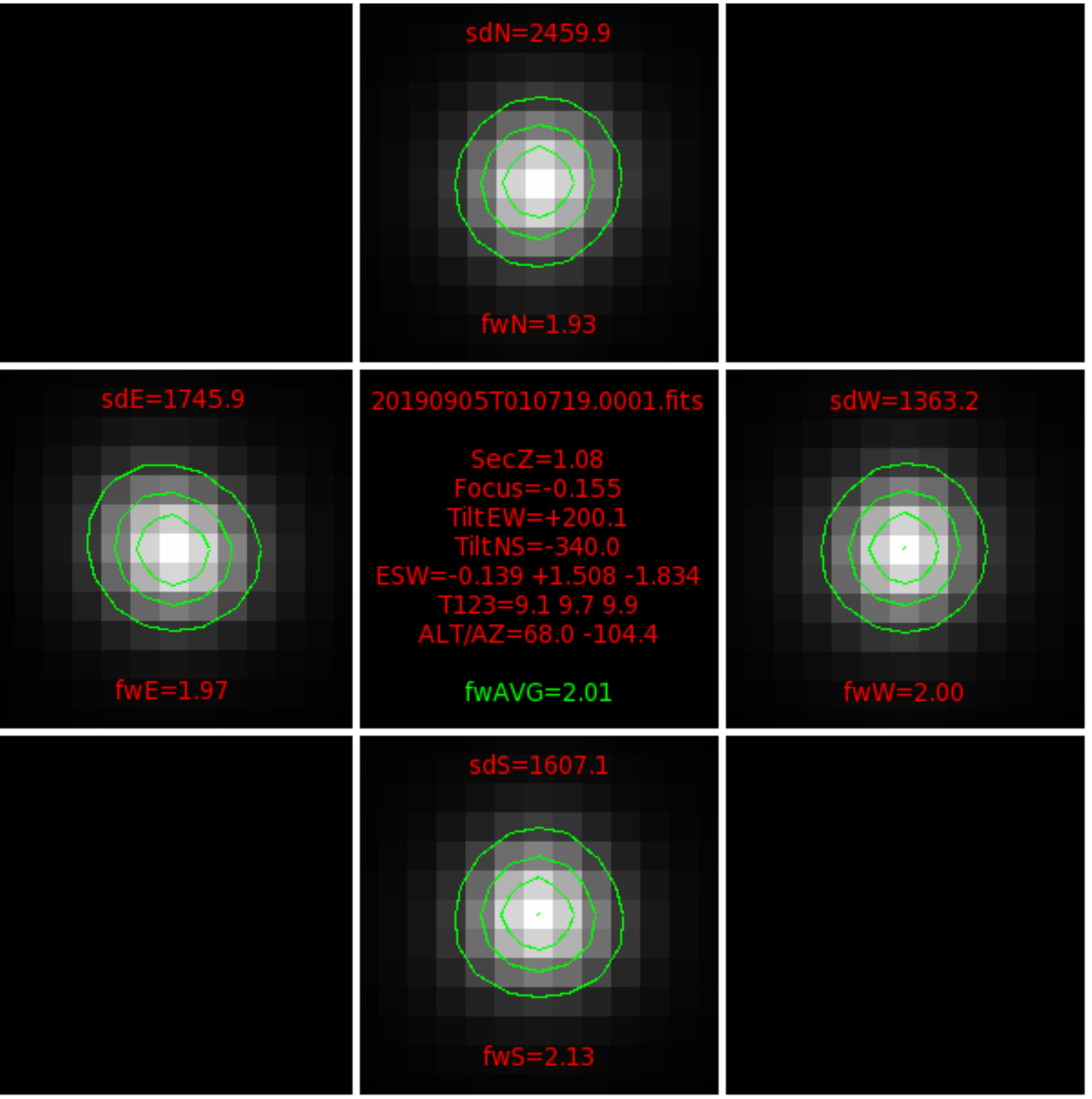
sdN=2459.9
fwN=1.93
sdE=1745.9
fwE=1.97
20190905T010719.0001.fits
SecZ=1.08
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.7 9.9
ALT/AZ=68.0 -104.4
fwAVG=2.01
sdW=1363.2
fwW=2.00
sdS=1607.1
fwS=2.13
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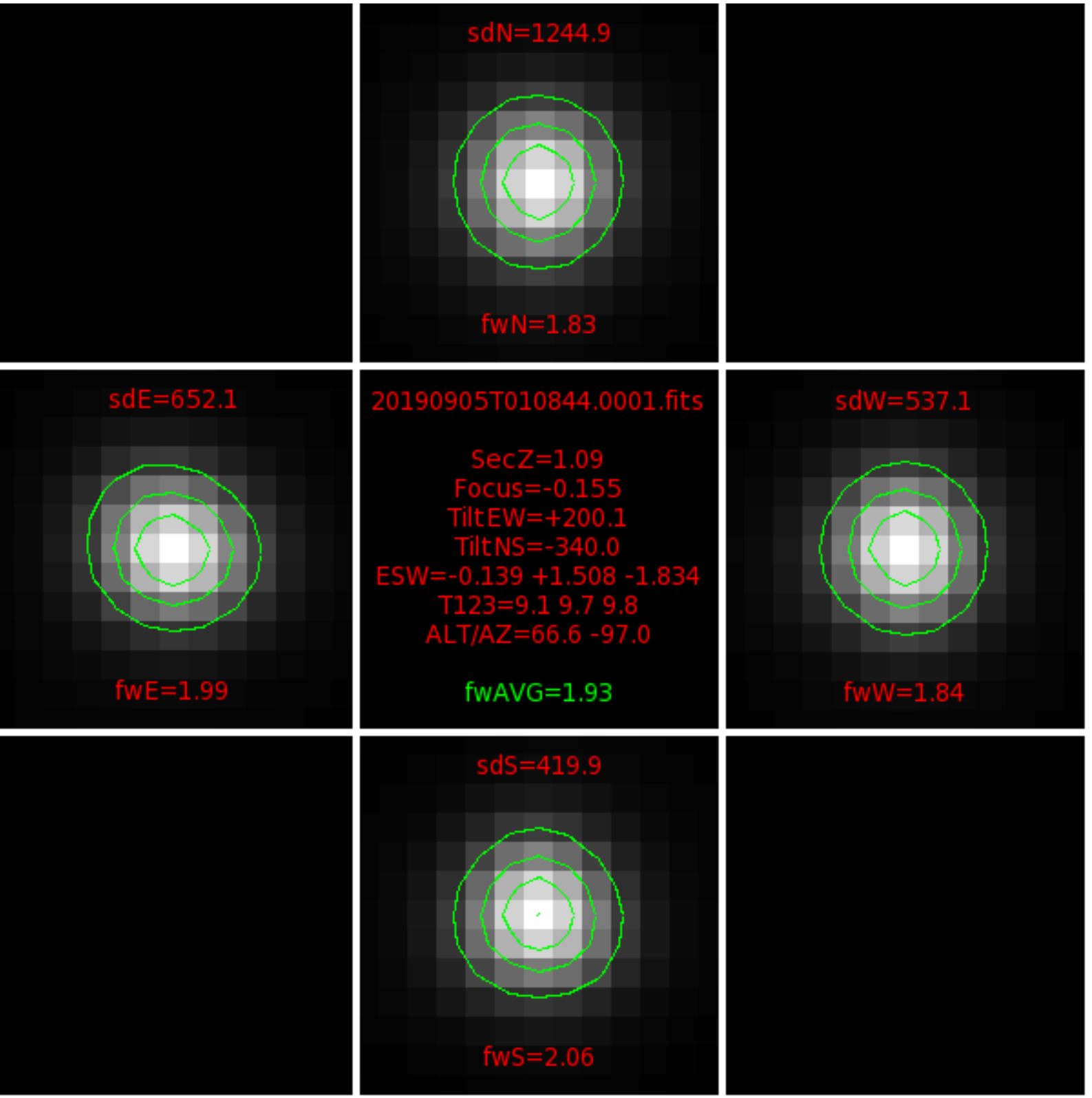
sdN=1244.9
fwN=1.83
sdE=652.1
fwE=1.99
20190905T010844.0001.fits
SecZ=1.09
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.7 9.8
ALT/AZ=66.6 -97.0
fwAVG=1.93
sdW=537.1
fwW=1.84
sdS=419.9
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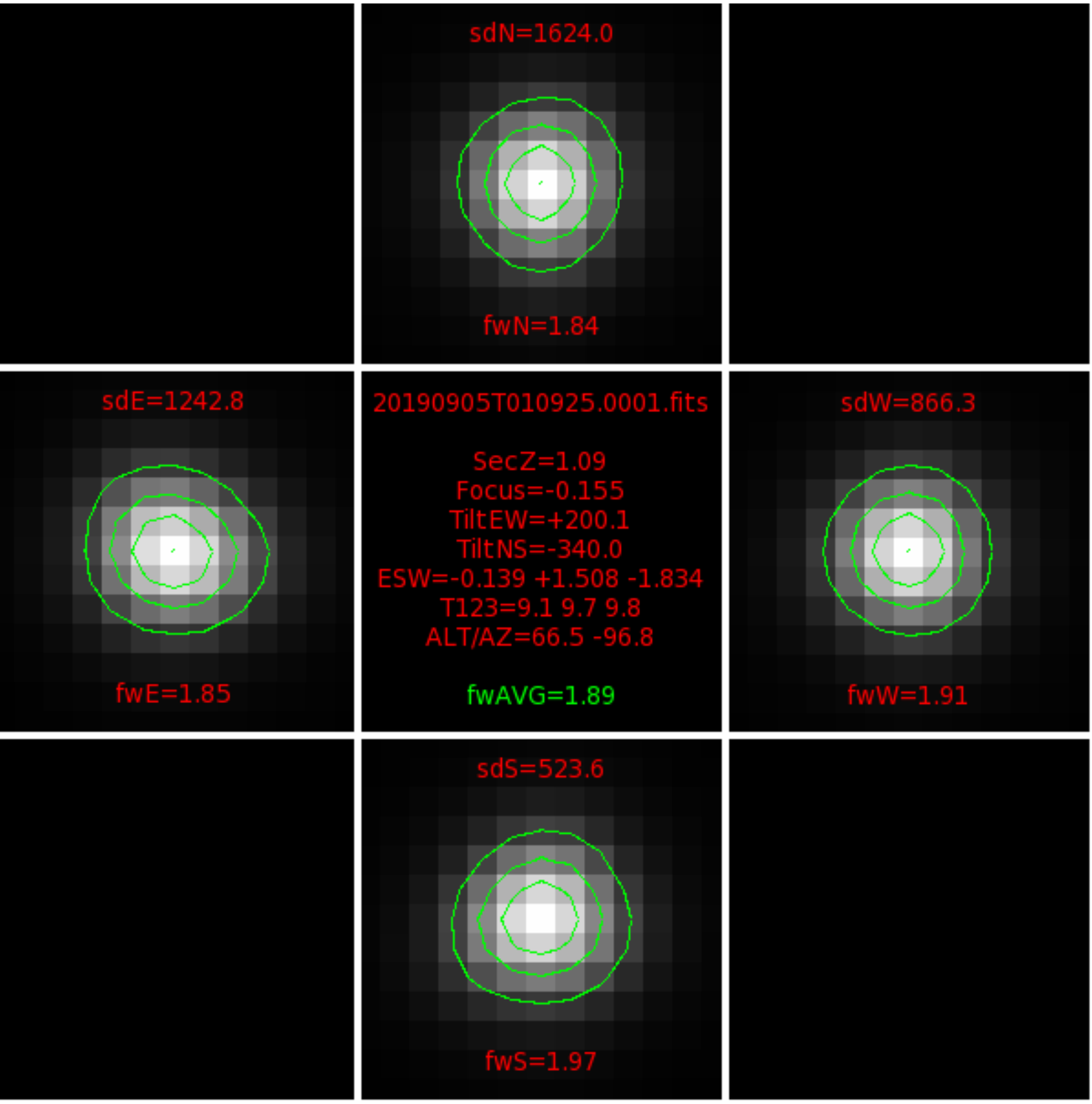
sdN=1624.0
fwN=1.84
sdE=1242.8
fwE=1.85
20190905T010925.0001.fits
SecZ=1.09
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.7 9.8
ALT/AZ=66.5 -96.8
fwAVG=1.89
sdW=866.3
fwW=1.91
sdS=523.6
fwS=1.97
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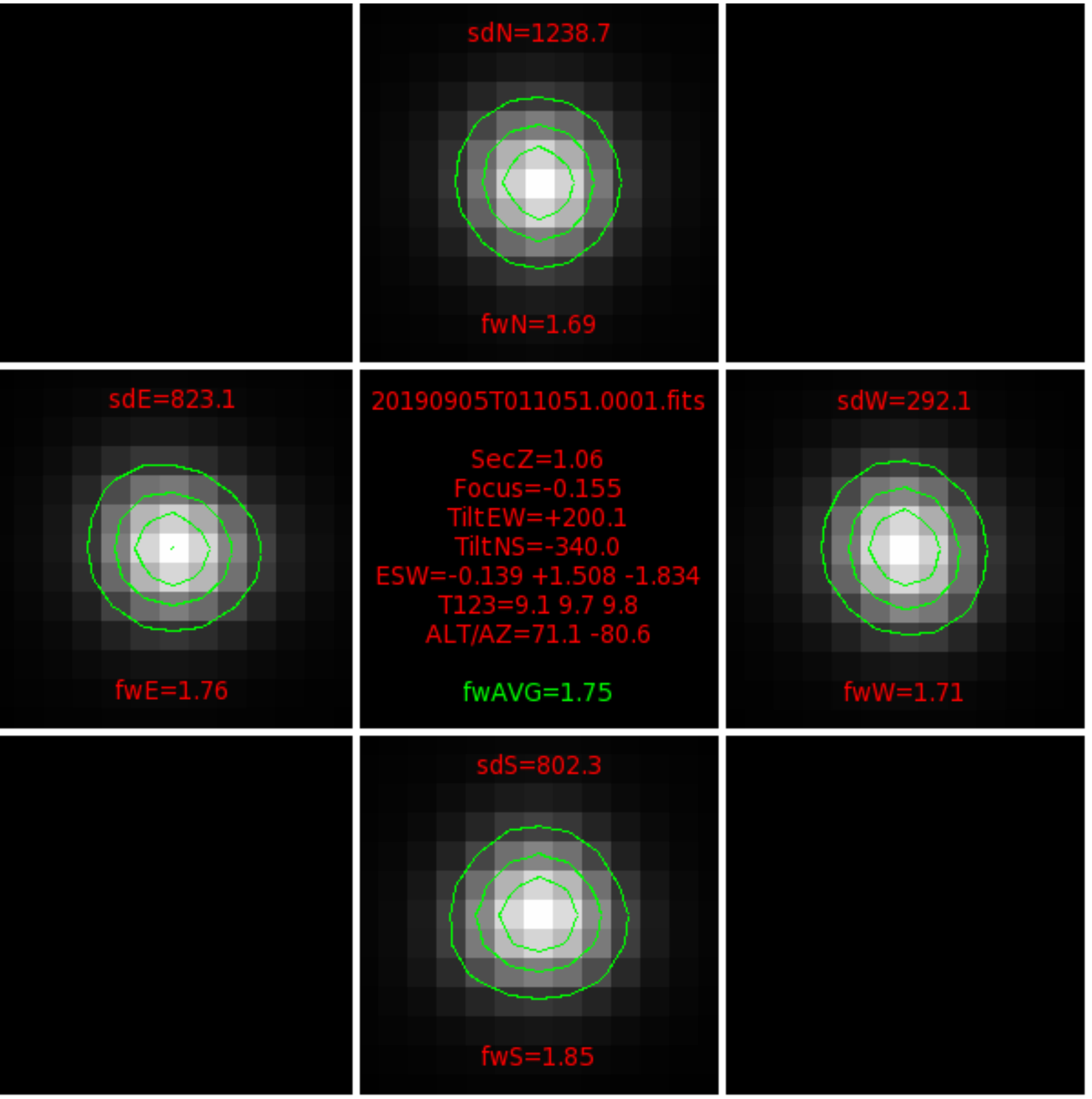
sdN=1238.7
fwN=1.69
sdE=823.1
fwE=1.76
20190905T011051.0001.fits
SecZ=1.06
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.7 9.8
ALT/AZ=71.1 -80.6
fwAVG=1.75
sdW=292.1
fwW=1.71
sdS=802.3
fwS=1.85
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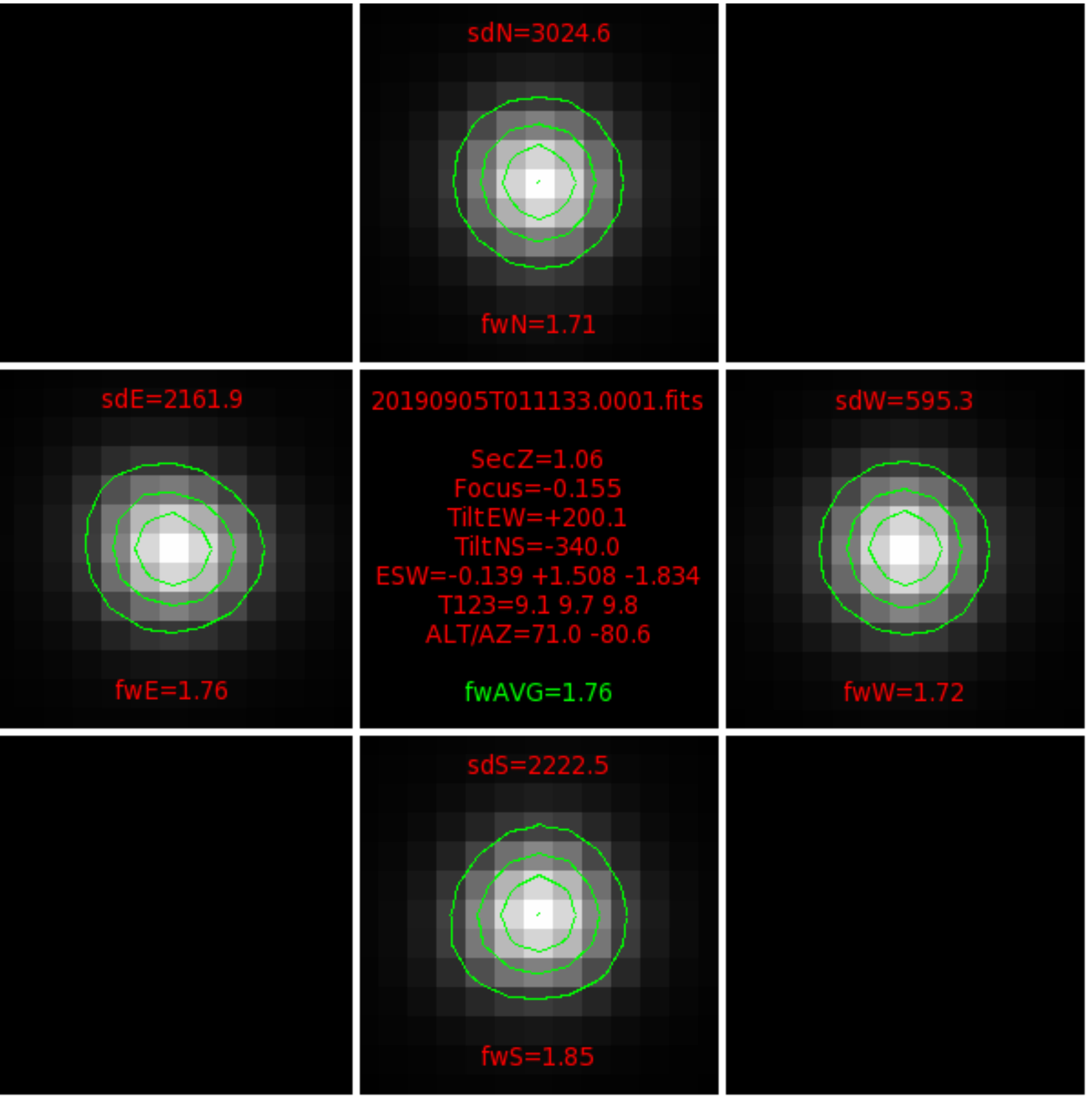
sdN=3024.6
fwN=1.71
sdE=2161.9
fwE=1.76
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SecZ=1.06
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.7 9.8
ALT/AZ=71.0 -80.6
fwAVG=1.76
sdW=595.3
fwW=1.72
sdS=2222.5
fwS=1.85
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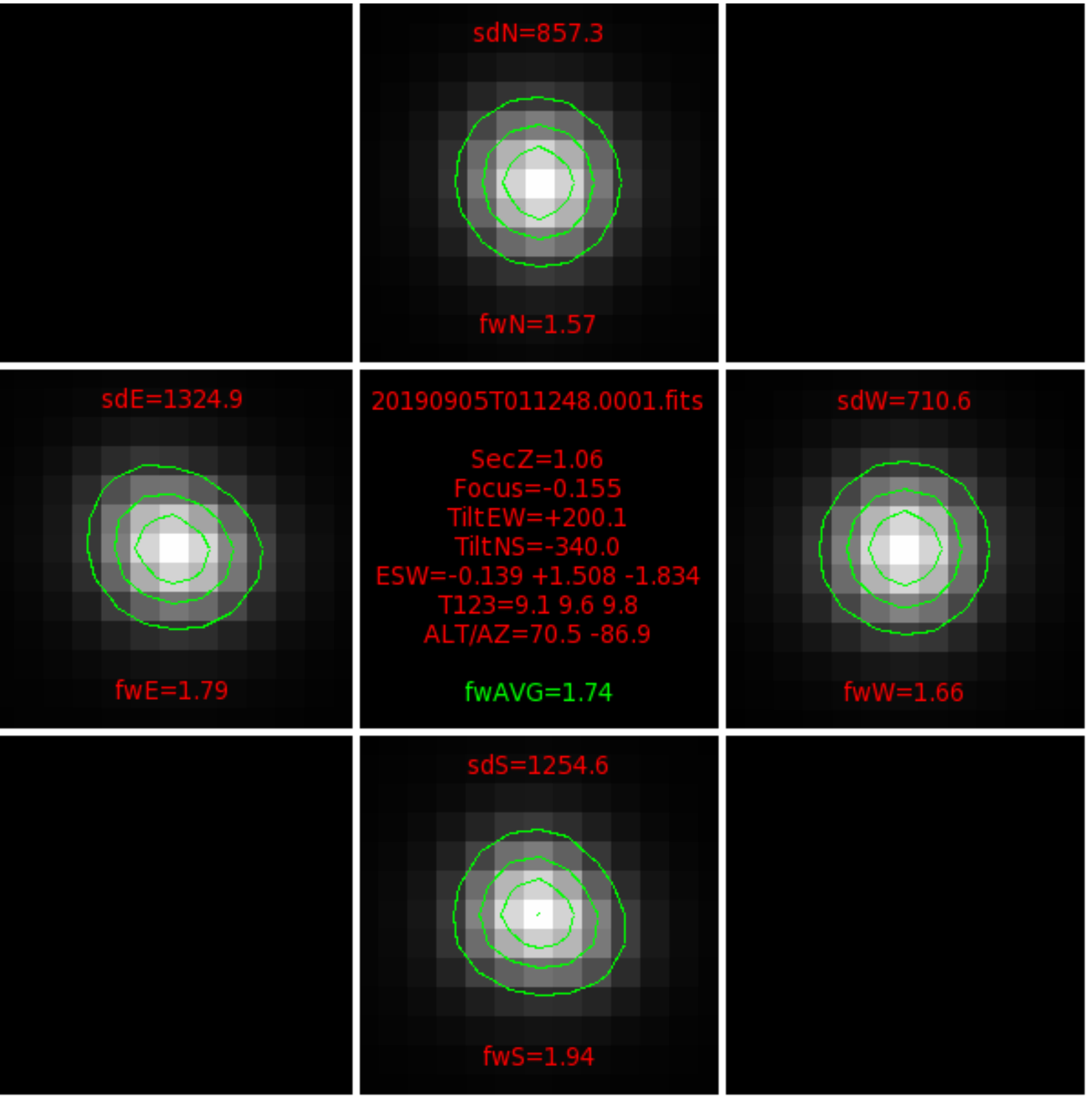
sdN=857.3
fwN=1.57
sdE=1324.9
fwE=1.79
20190905T011248.0001.fits
SecZ=1.06
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.6 9.8
ALT/AZ=70.5 -86.9
fwAVG=1.74
sdW=710.6
fwW=1.66
sdS=1254.6
fwS=1.94
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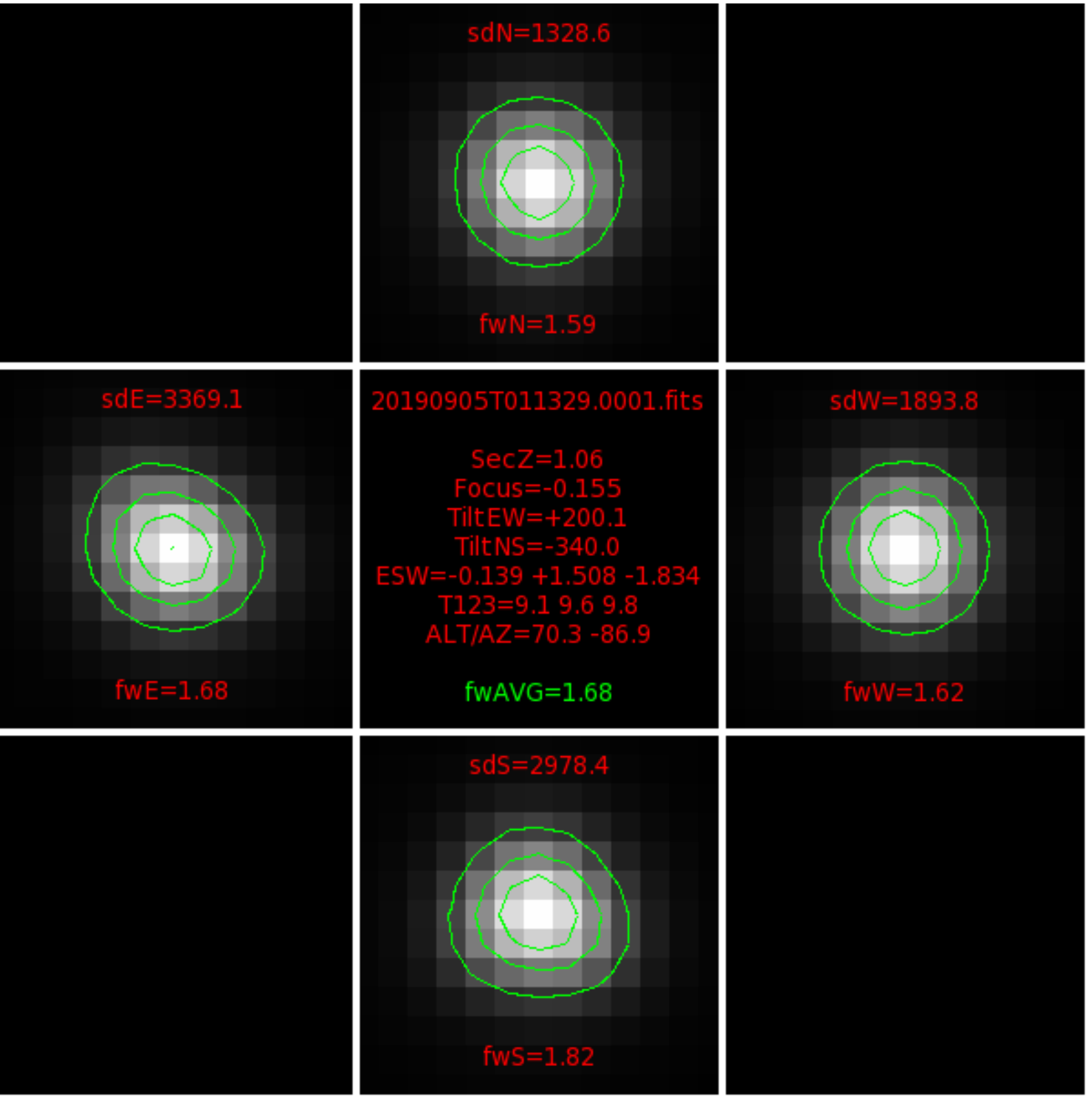
sdN=1328.6
fwN=1.59
sdE=3369.1
fwE=1.68
20190905T011329.0001.fits
SecZ=1.06
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.6 9.8
ALT/AZ=70.3 -86.9
fwAVG=1.68
sdW=1893.8
fwW=1.62
sdS=2978.4
fwS=1.82
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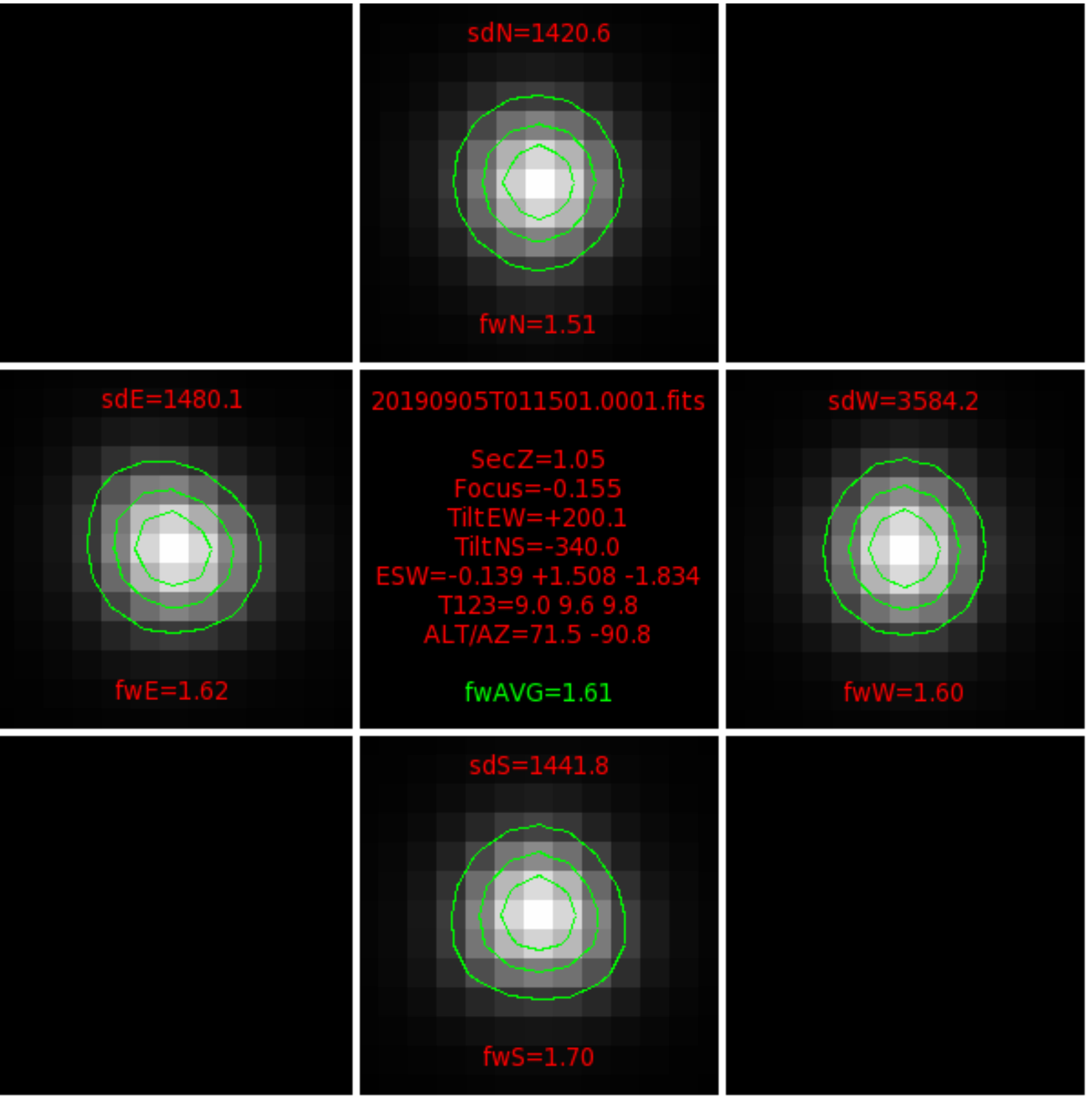
sdN=1420.6
fwN=1.51
sdE=1480.1
fwE=1.62
20190905T011501.0001.fits
SecZ=1.05
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.6 9.8
ALT/AZ=71.5 -90.8
fwAVG=1.61
sdW=3584.2
fwW=1.60
sdS=1441.8
fwS=1.70
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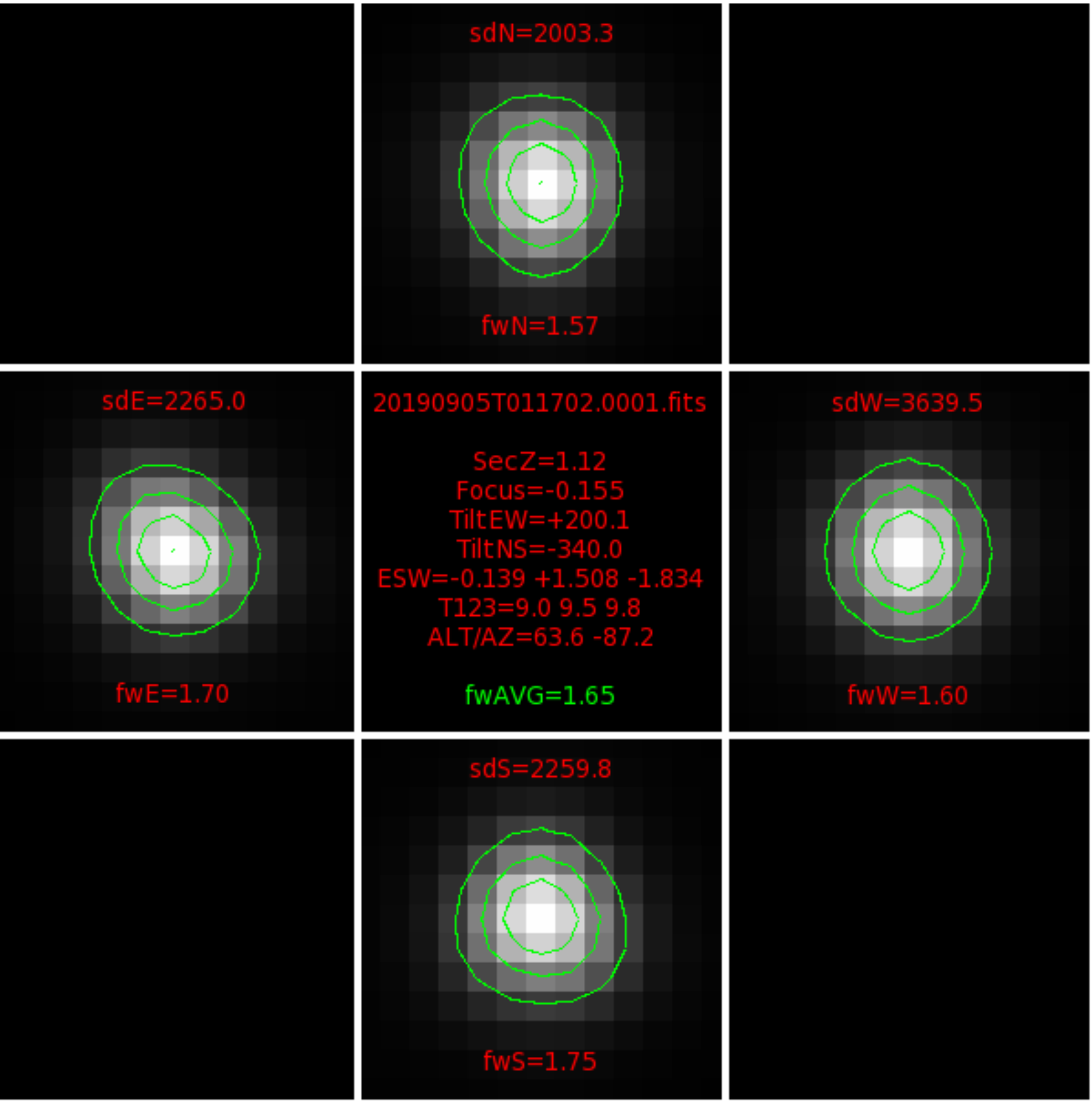
sdN=2003.3
fwN=1.57
sdE=2265.0
fwE=1.70
20190905T011702.0001.fits
SecZ=1.12
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.5 9.8
ALT/AZ=63.6 -87.2
fwAVG=1.65
sdW=3639.5
fwW=1.60
sdS=2259.8
fwS=1.75
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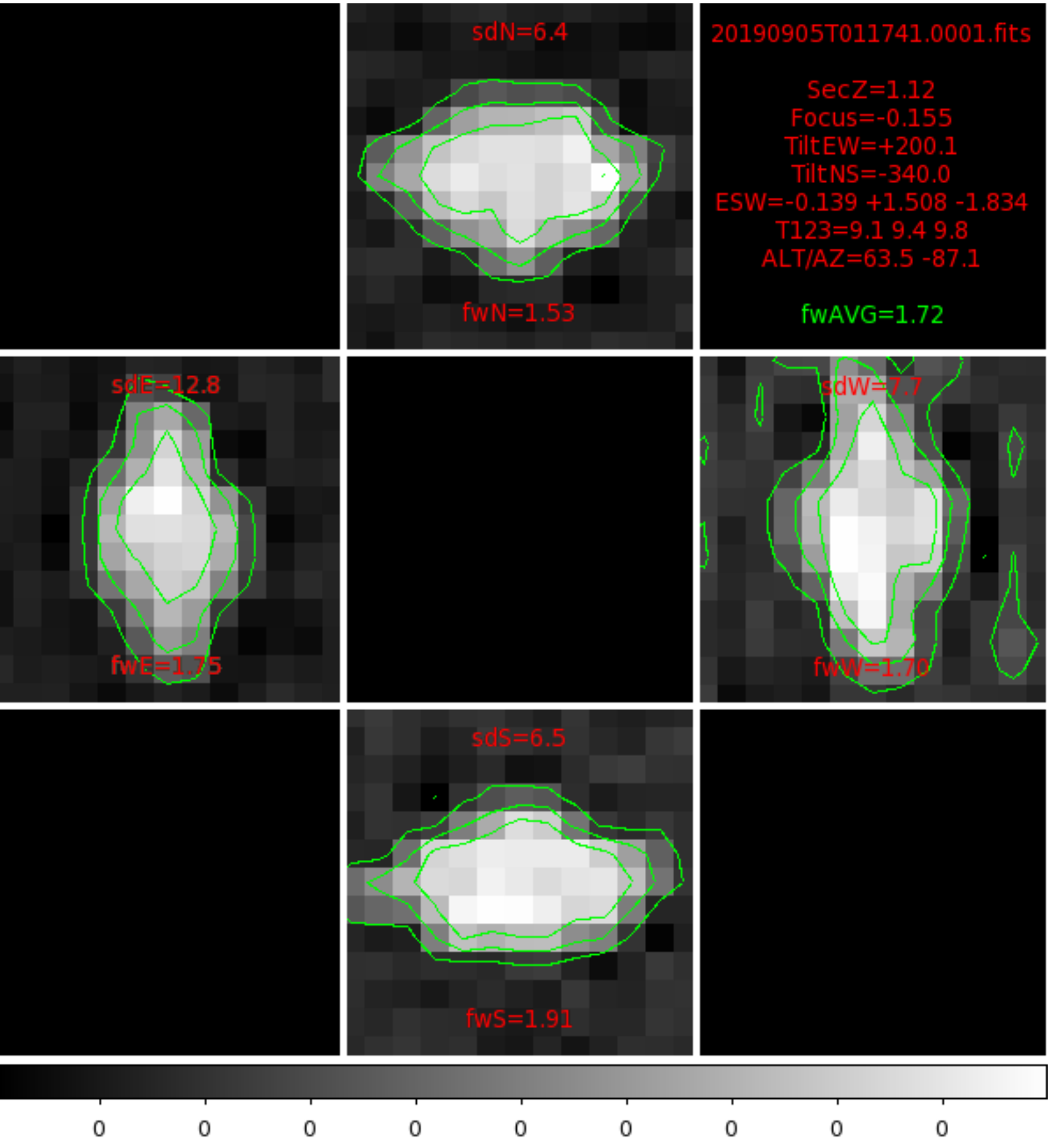
sdN=6.4
20190905T011741.0001.fits
SecZ=1.12
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.4 9.8
ALT/AZ=63.5 -87.1
fwN=1.53
fwAVG=1.72
sdE=12.8
sdW=7.7
fwE=1.75
fwW=1.70
sdS=6.5
fwS=1.91
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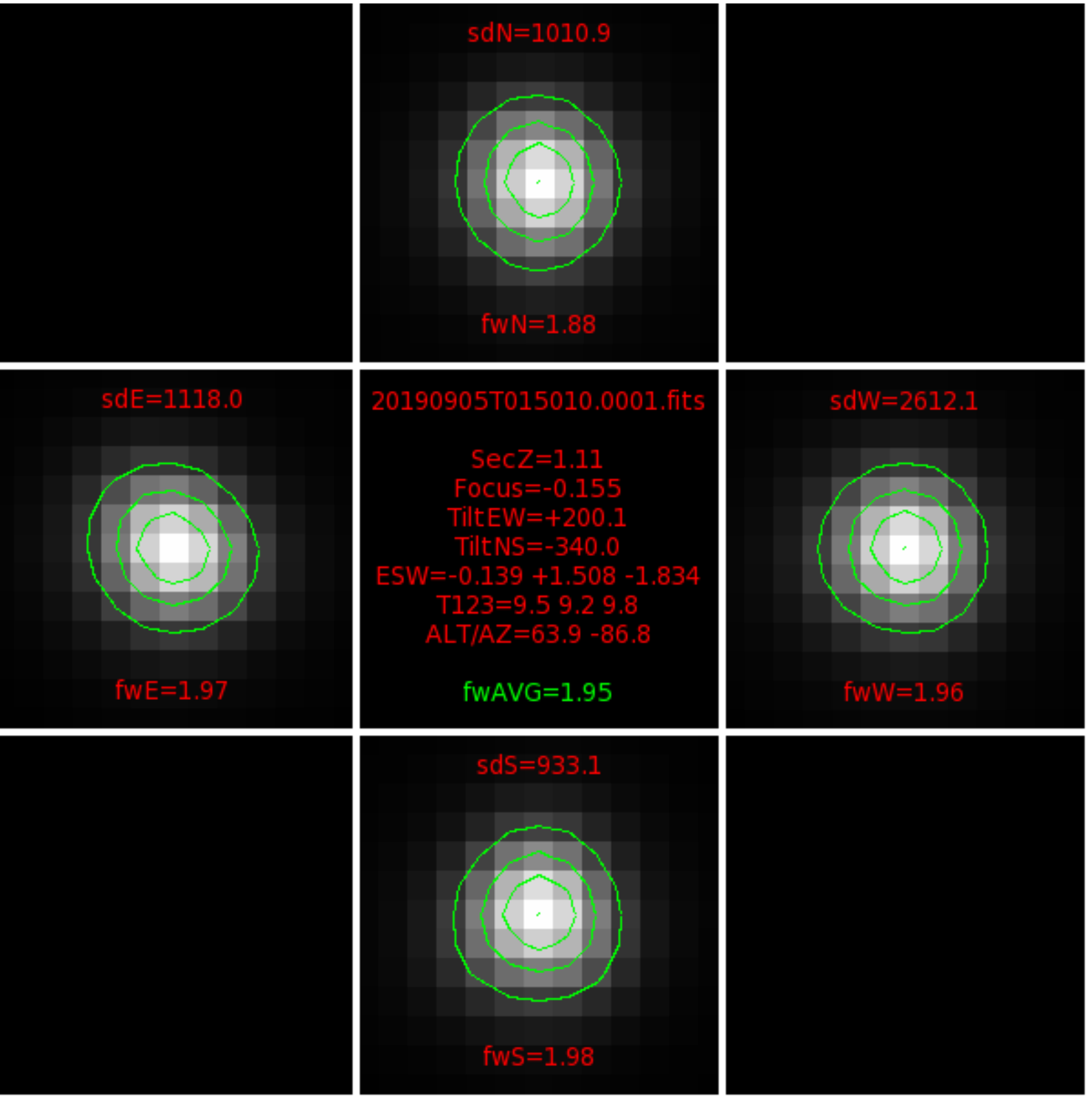
sdN=1010.9
fwN=1.88
sdE=1118.0
fwE=1.97
20190905T015010.0001.fits
SecZ=1.11
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.5 9.2 9.8
ALT/AZ=63.9 -86.8
fwAVG=1.95
sdW=2612.1
fwW=1.96
sdS=933.1
fwS=1.98
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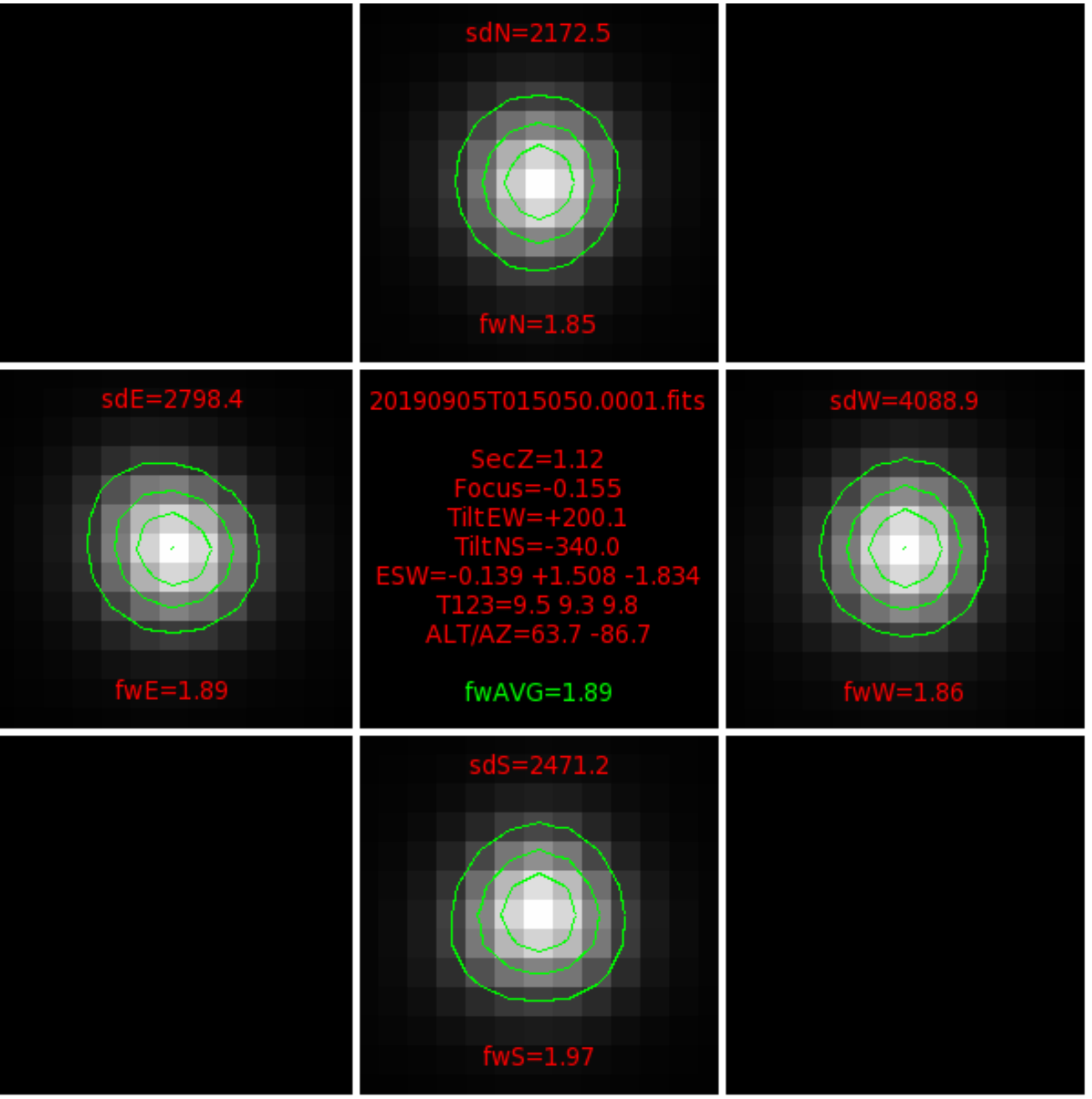
sdN=2172.5
fwN=1.85
sdE=2798.4
fwE=1.89
20190905T015050.0001.fits
SecZ=1.12
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.5 9.3 9.8
ALT/AZ=63.7 -86.7
fwAVG=1.89
sdW=4088.9
fwW=1.86
sdS=2471.2
fwS=1.97
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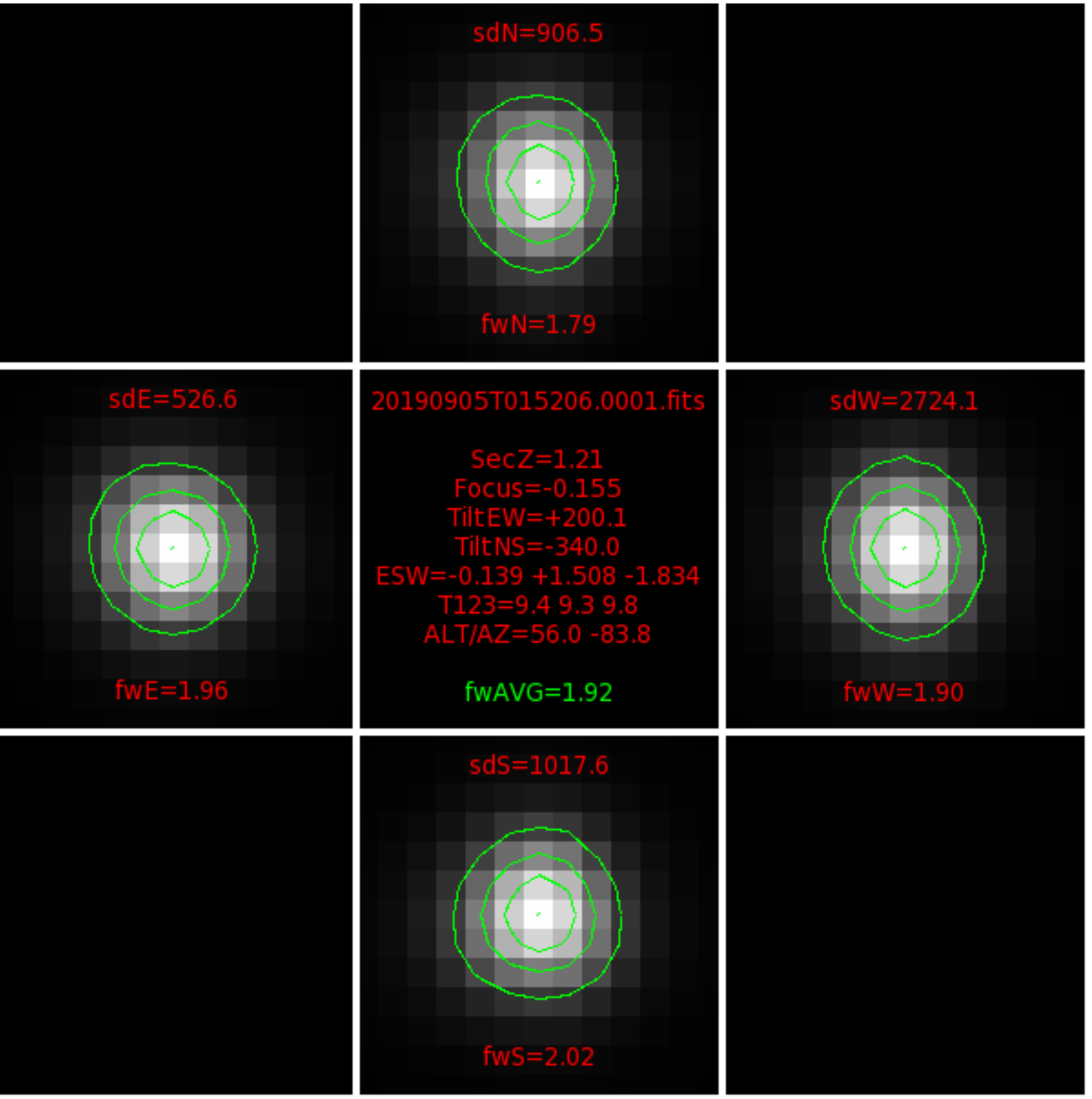
sdN=906.5
fwN=1.79
sdE=526.6
fwE=1.96
20190905T015206.0001.fits
SecZ=1.21
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.4 9.3 9.8
ALT/AZ=56.0 -83.8
fwAVG=1.92
sdW=2724.1
fwW=1.90
sdS=1017.6
fwS=2.02
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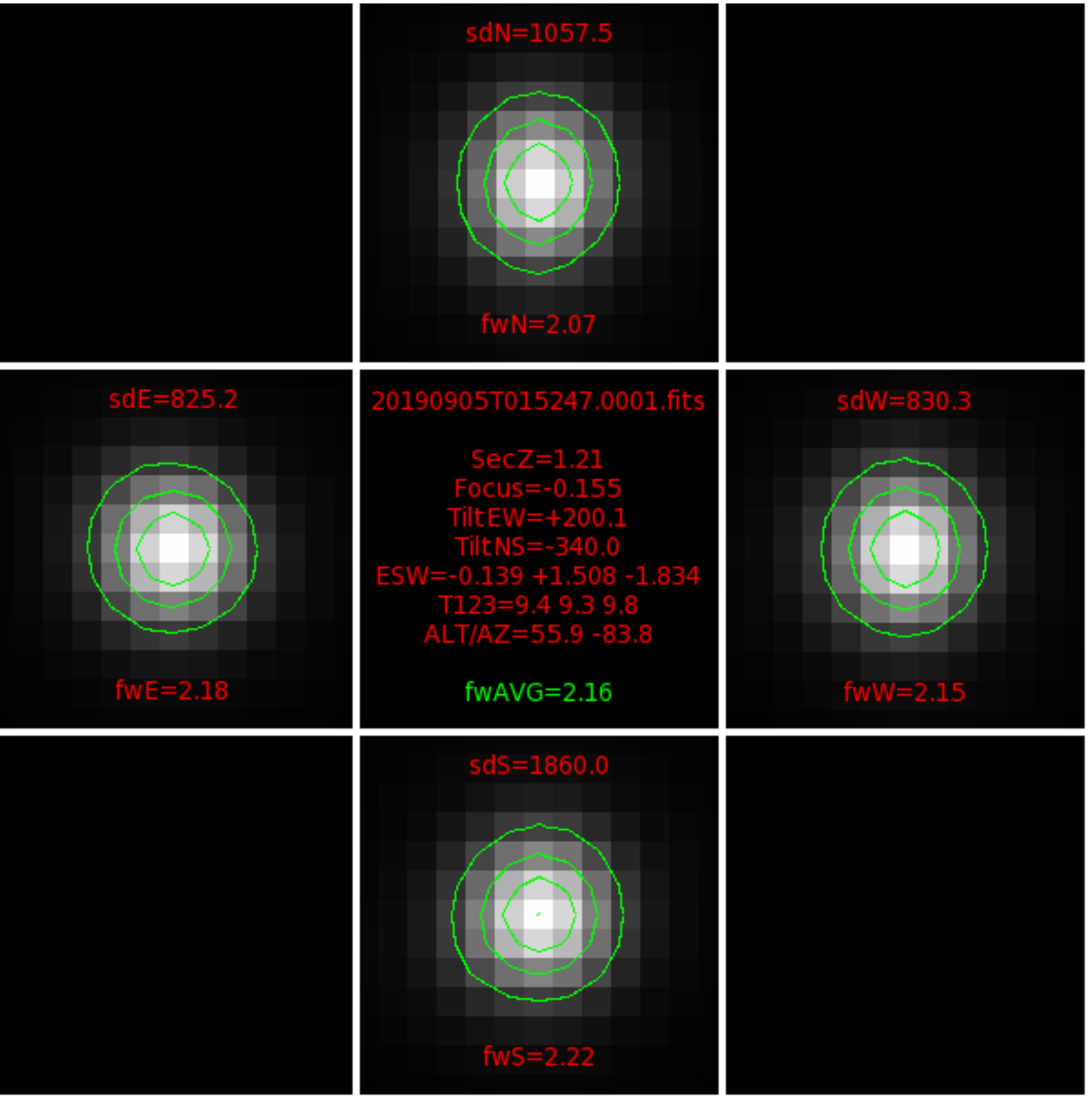
sdN=1057.5
fwN=2.07
sdE=825.2
fwE=2.18
20190905T015247.0001.fits
SecZ=1.21
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.4 9.3 9.8
ALT/AZ=55.9 -83.8
fwAVG=2.16
sdW=830.3
fwW=2.15
sdS=1860.0
fwS=2.22
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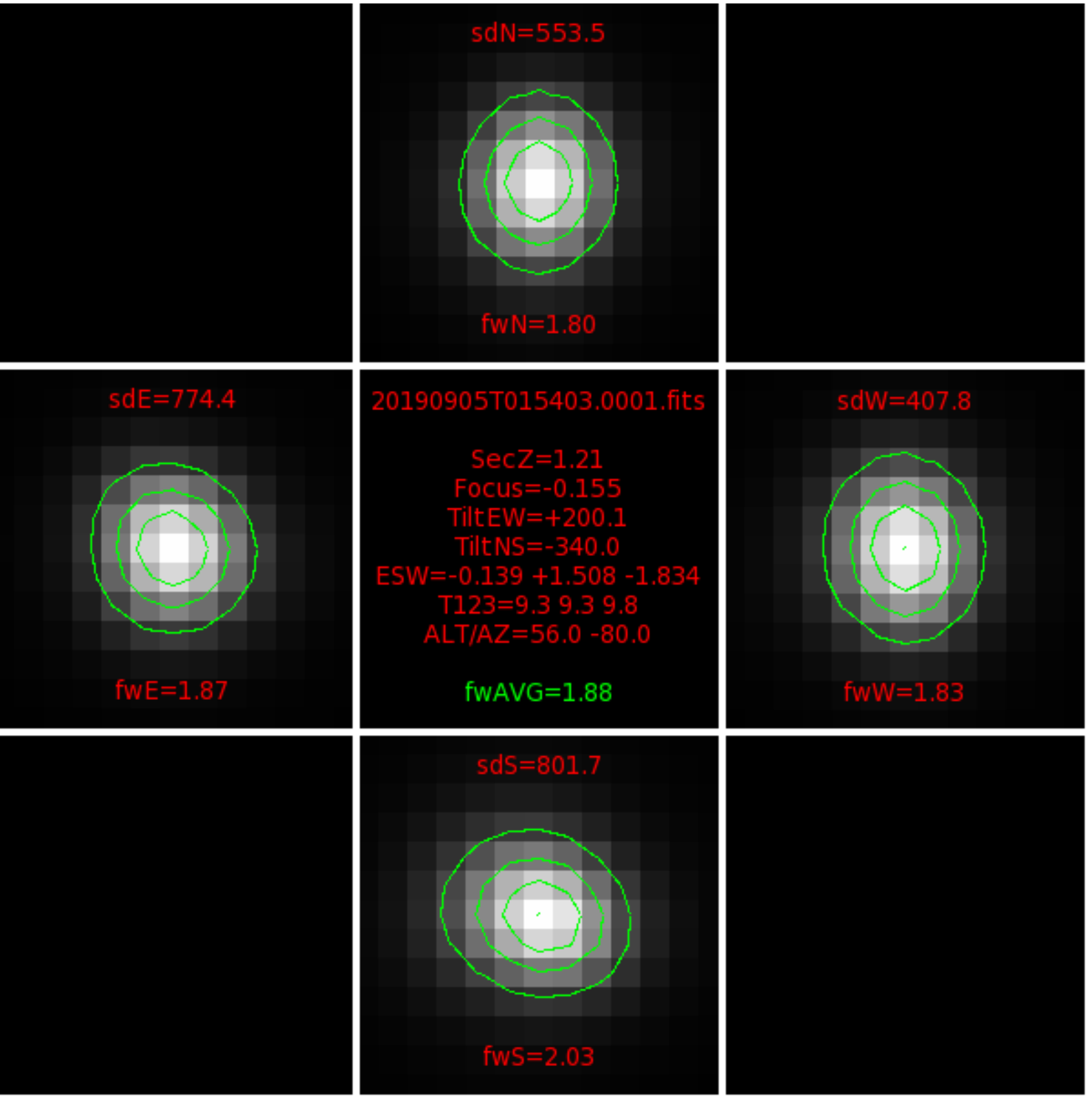
sdN=553.5
fwN=1.80
sdE=774.4
fwE=1.87
20190905T015403.0001.fits
SecZ=1.21
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.3 9.3 9.8
ALT/AZ=56.0 -80.0
fwAVG=1.88
sdW=407.8
fwW=1.83
sdS=801.7
fwS=2.03
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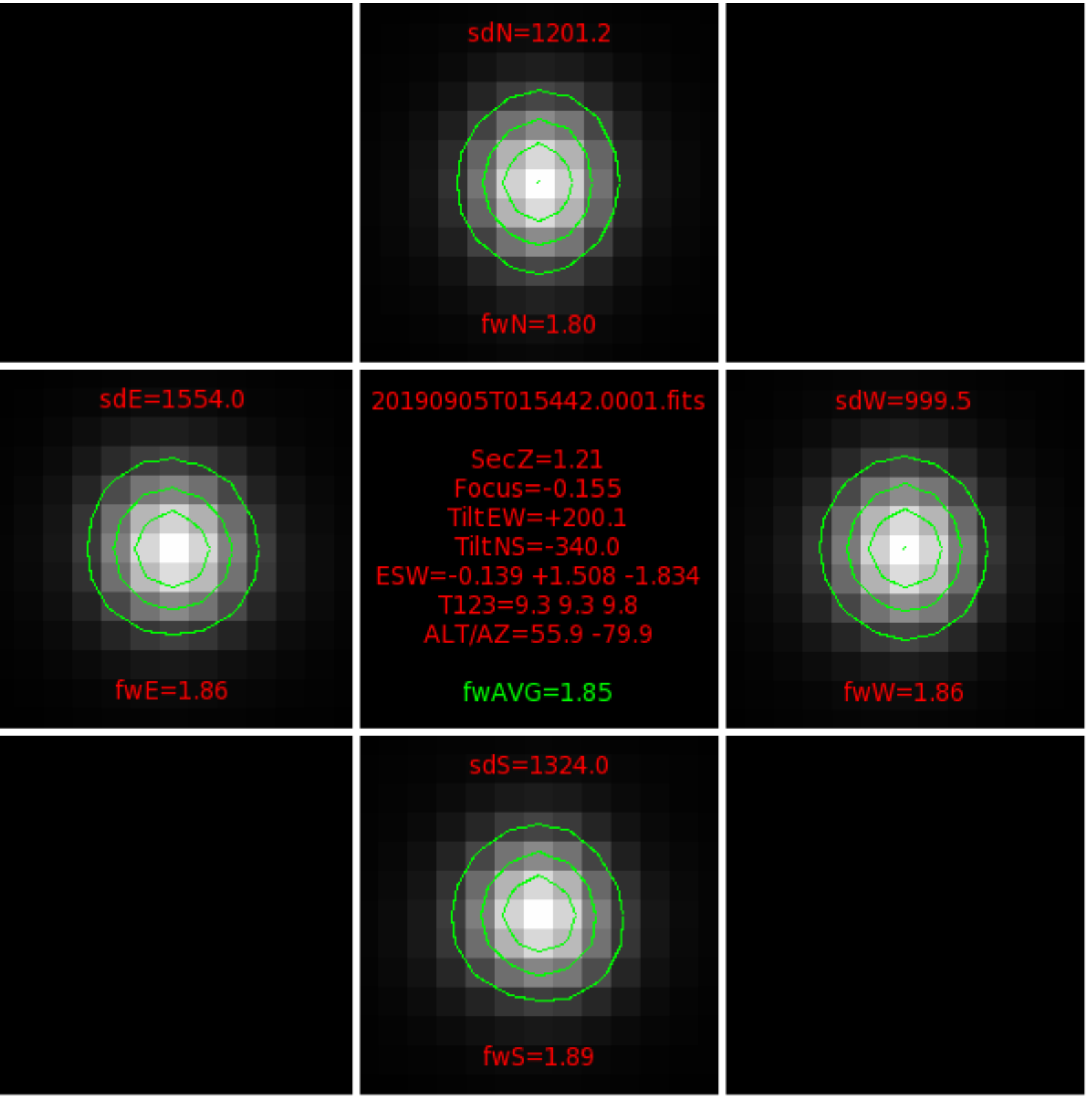
sdN=1201.2
fwN=1.80
sdE=1554.0
fwE=1.86
20190905T015442.0001.fits
SecZ=1.21
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.3 9.3 9.8
ALT/AZ=55.9 -79.9
fwAVG=1.85
sdW=999.5
fwW=1.86
sdS=1324.0
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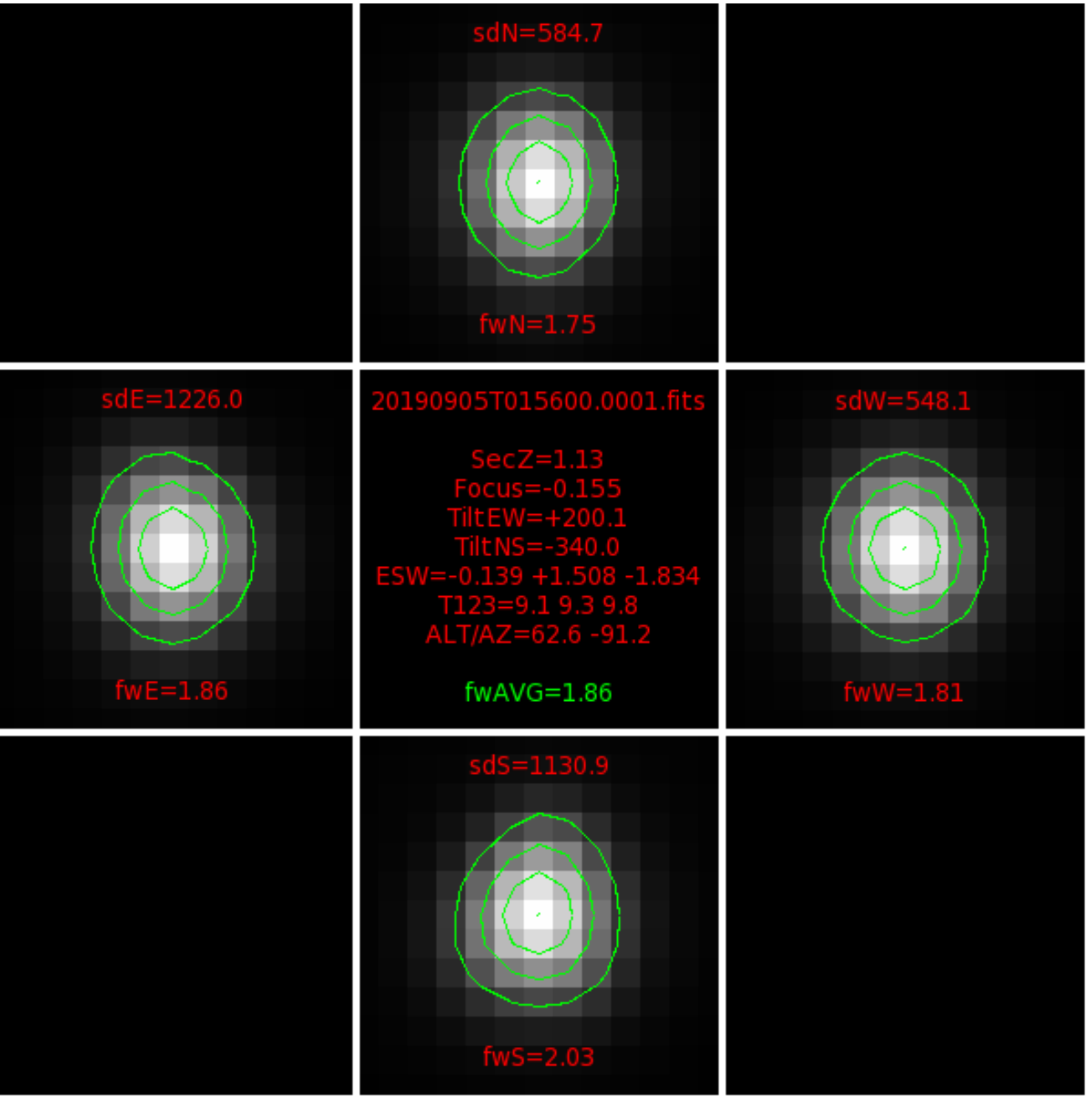
sdN=584.7
fwN=1.75
sdE=1226.0
fwE=1.86
20190905T015600.0001.fits
SecZ=1.13
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.3 9.8
ALT/AZ=62.6 -91.2
fwAVG=1.86
sdW=548.1
fwW=1.81
sdS=1130.9
fwS=2.03
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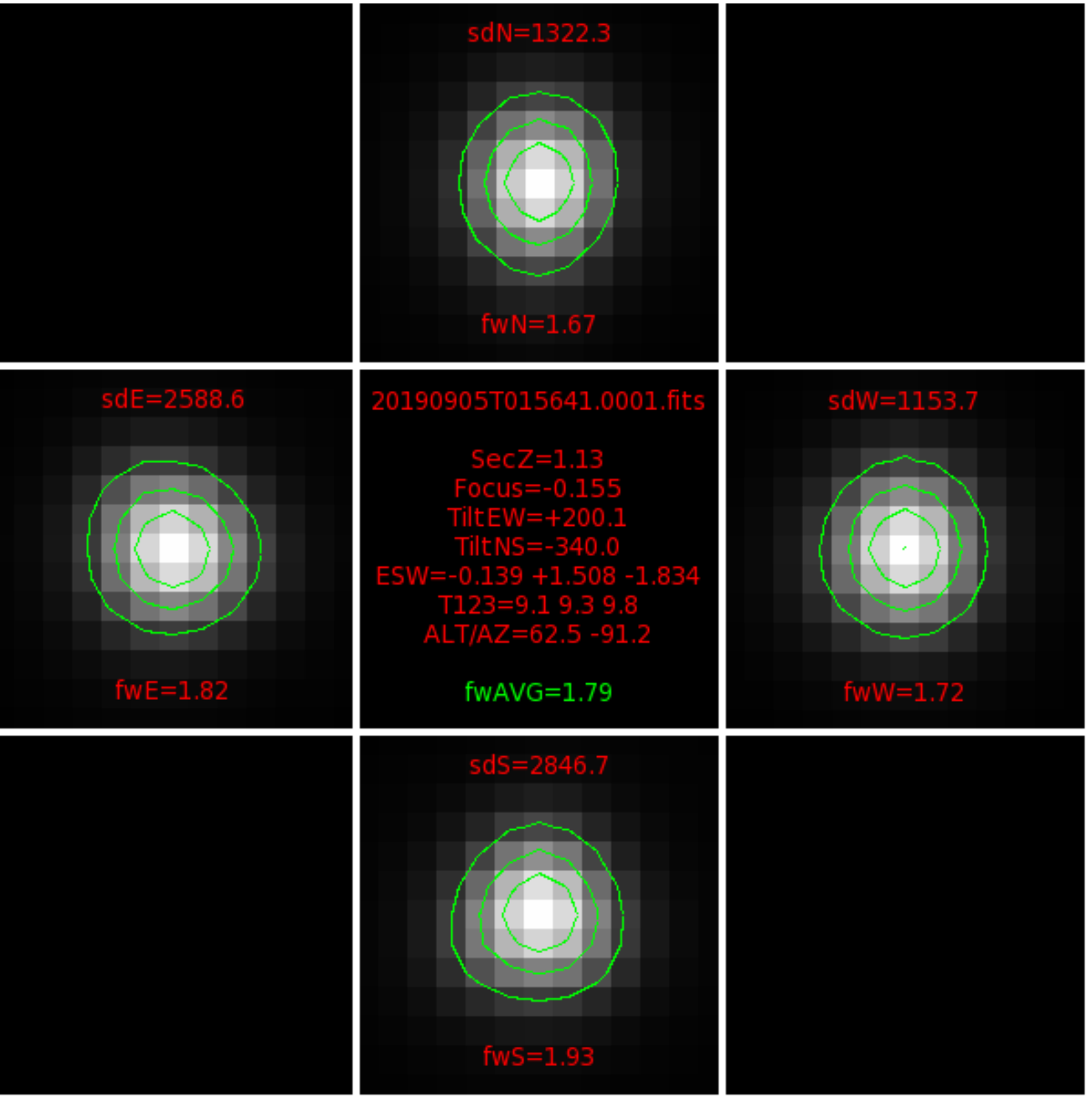
sdN=1322.3
fwN=1.67
sdE=2588.6
fwE=1.82
20190905T015641.0001.fits
SecZ=1.13
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.3 9.8
ALT/AZ=62.5 -91.2
fwAVG=1.79
sdW=1153.7
fwW=1.72
sdS=2846.7
fwS=1.93
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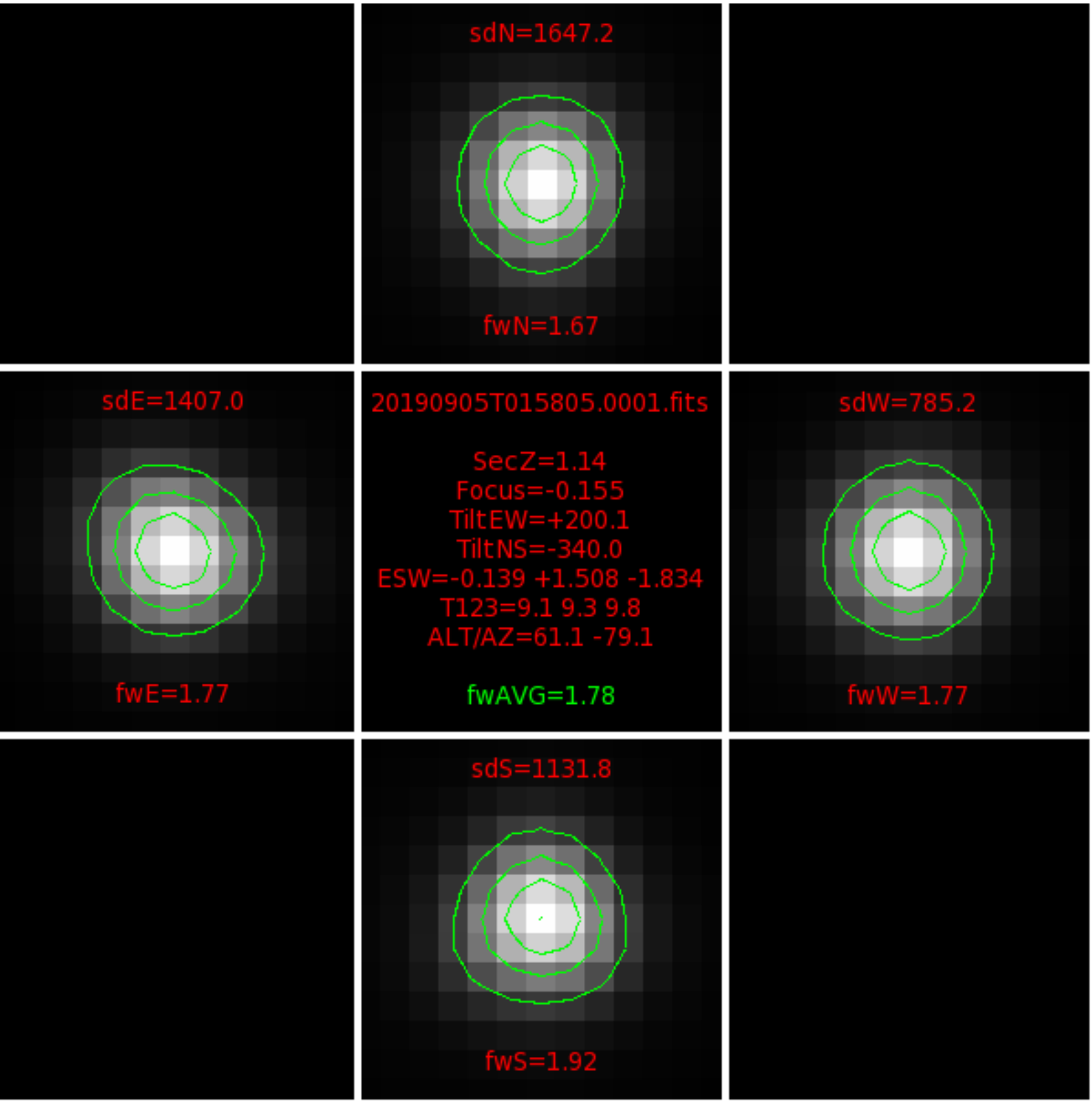
sdN=1647.2
fwN=1.67
sdE=1407.0
fwE=1.77
20190905T015805.0001.fits
SecZ=1.14
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.3 9.8
ALT/AZ=61.1 -79.1
fwAVG=1.78
sdW=785.2
fwW=1.77
sdS=1131.8
fwS=1.92
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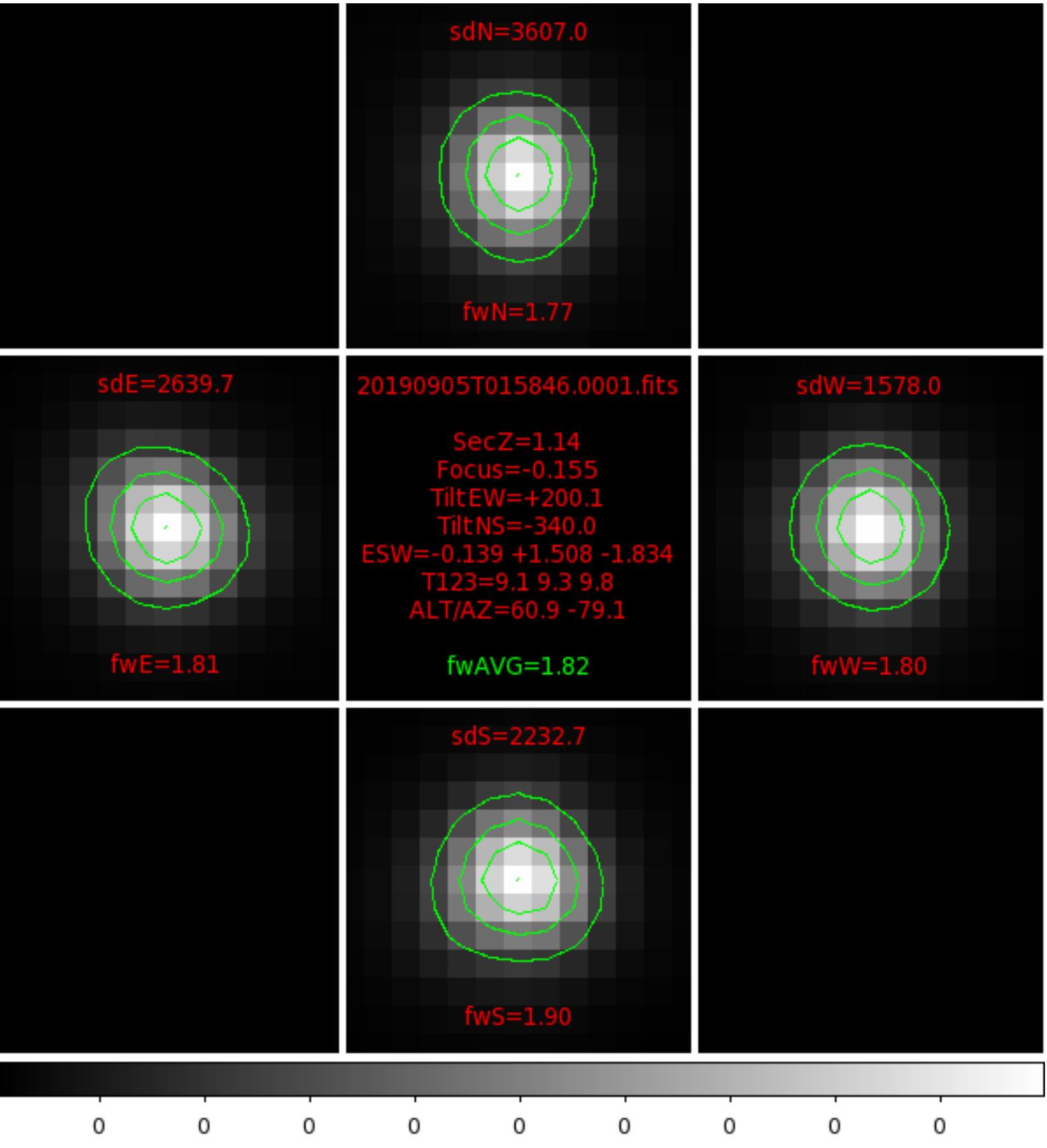
sdN=3607.0
fwN=1.77
sdE=2639.7
fwE=1.81
20190905T015846.0001.fits
SecZ=1.14
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.3 9.8
ALT/AZ=60.9 -79.1
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sdW=1578.0
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sdS=2232.7
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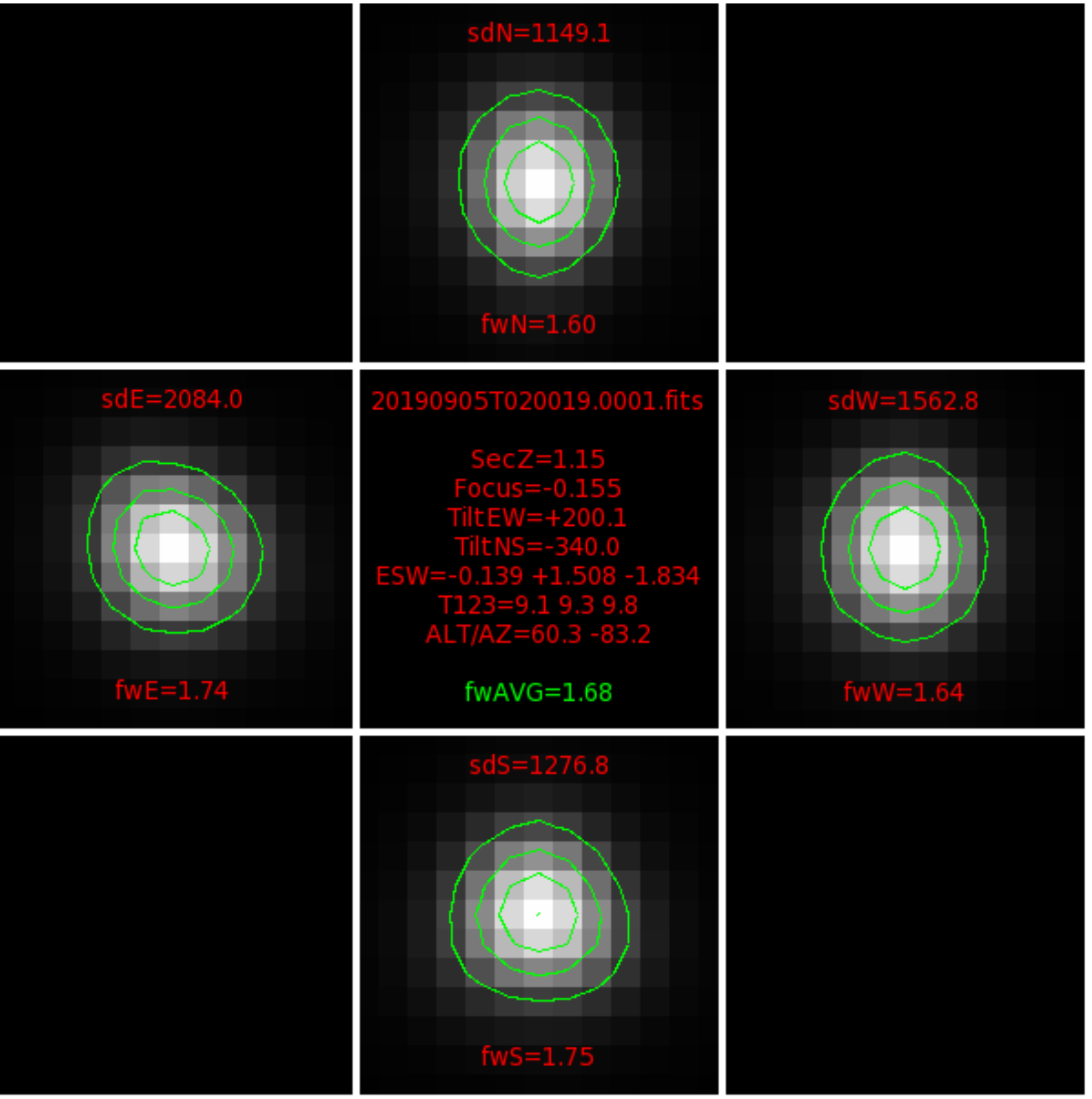
sdN=1149.1
fwN=1.60
sdE=2084.0
fwE=1.74
20190905T020019.0001.fits
SecZ=1.15
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.3 9.8
ALT/AZ=60.3 -83.2
fwAVG=1.68
sdW=1562.8
fwW=1.64
sdS=1276.8
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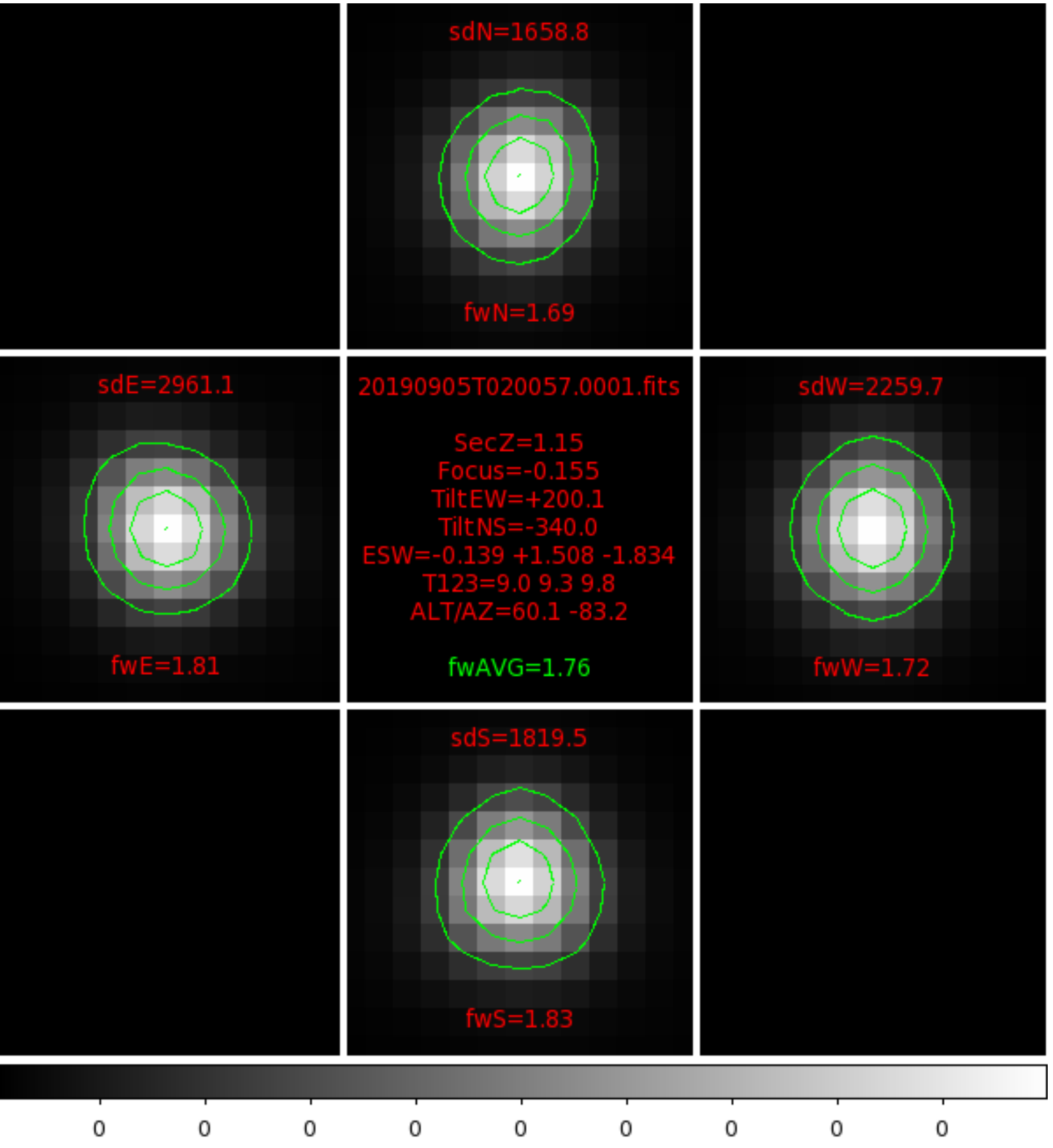
sdN=1658.8
fwN=1.69
sdE=2961.1
fwE=1.81
20190905T020057.0001.fits
SecZ=1.15
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.3 9.8
ALT/AZ=60.1 -83.2
fwAVG=1.76
sdW=2259.7
fwW=1.72
sdS=1819.5
fwS=1.83
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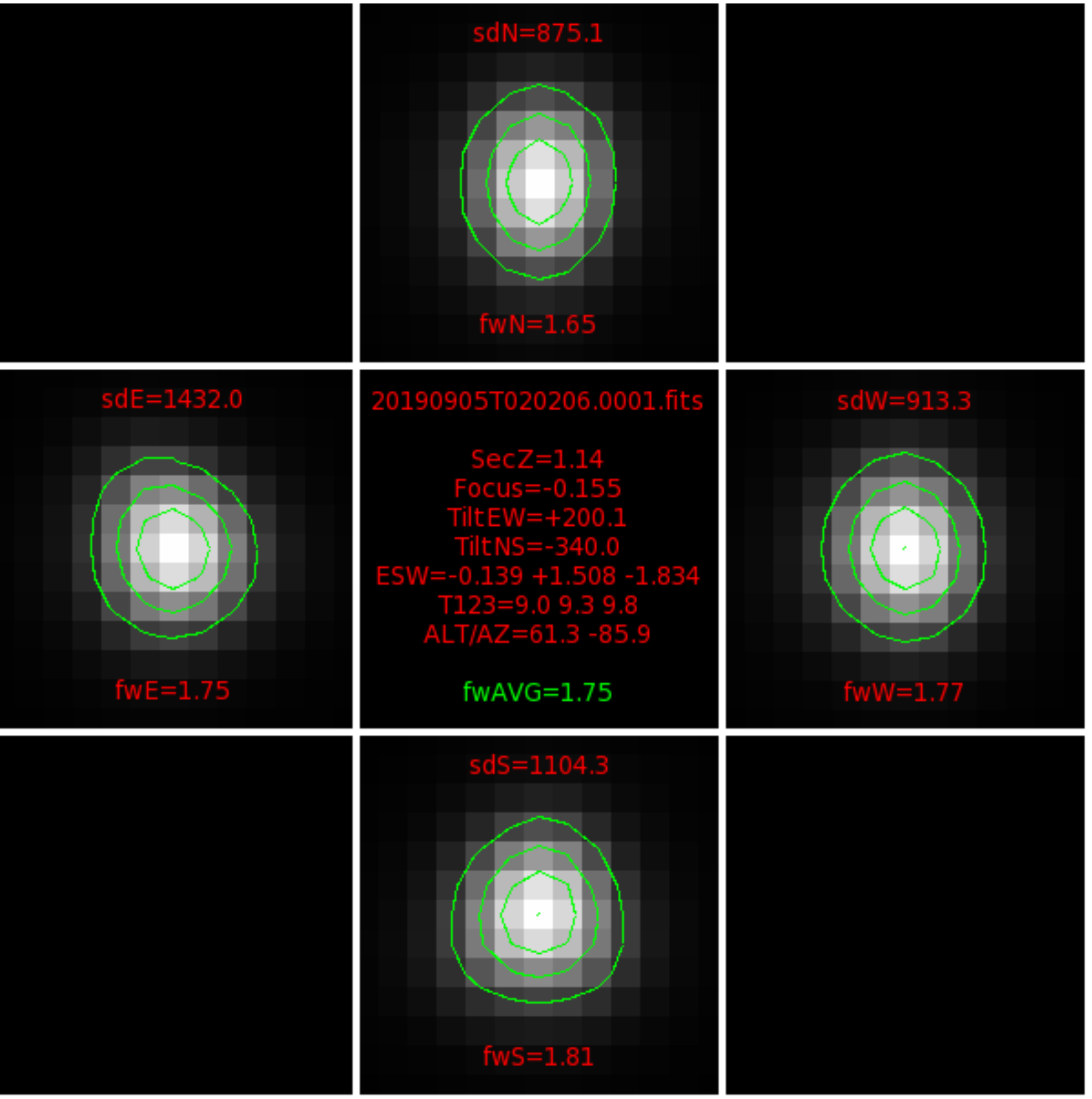
sdN=875.1
fwN=1.65
sdE=1432.0
fwE=1.75
20190905T020206.0001.fits
SecZ=1.14
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.3 9.8
ALT/AZ=61.3 -85.9
fwAVG=1.75
sdW=913.3
fwW=1.77
sdS=1104.3
fwS=1.81
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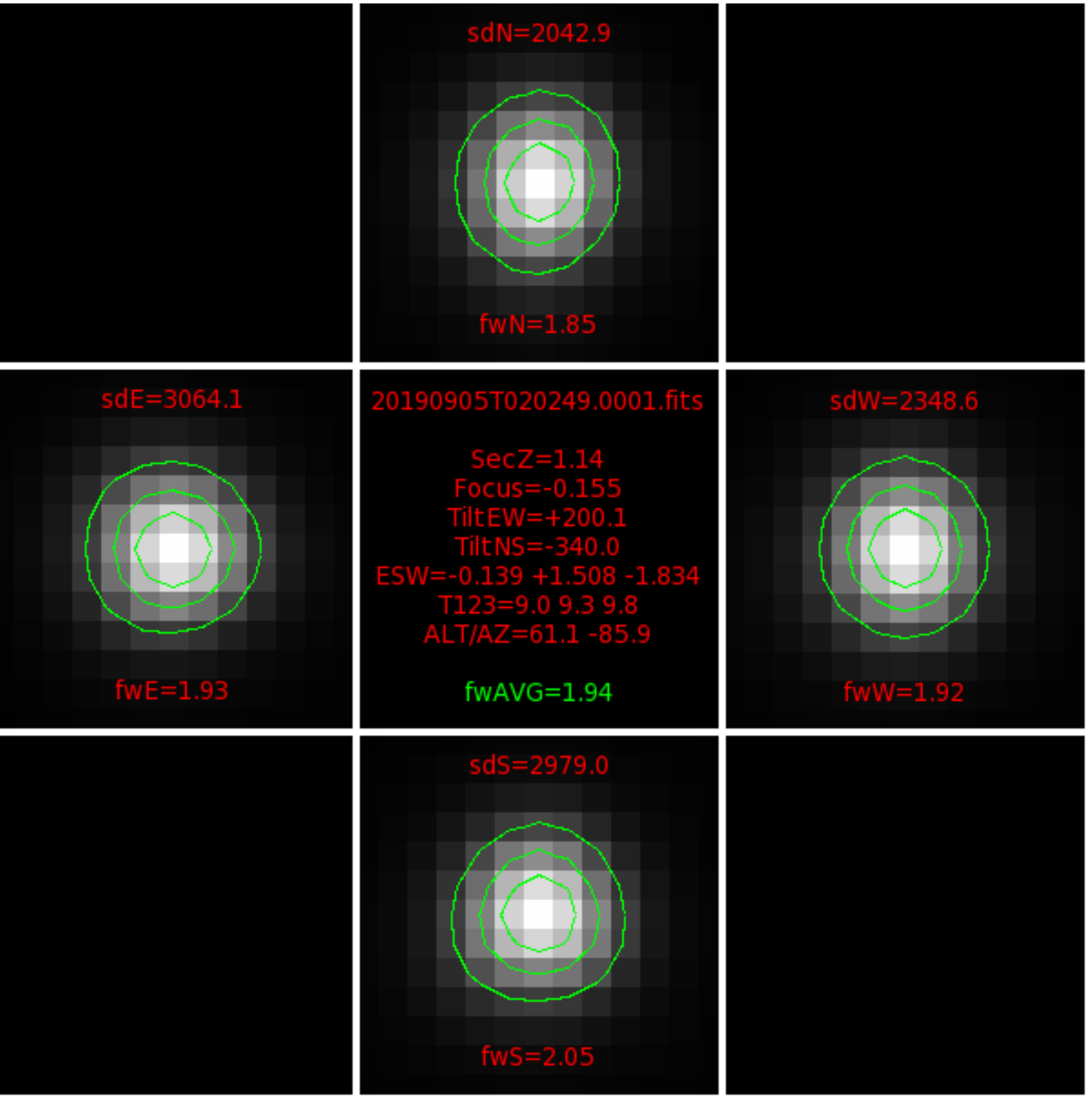
sdN=2042.9
fwN=1.85
sdE=3064.1
fwE=1.93
20190905T020249.0001.fits
SecZ=1.14
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.3 9.8
ALT/AZ=61.1 -85.9
fwAVG=1.94
sdW=2348.6
fwW=1.92
sdS=2979.0
fwS=2.05
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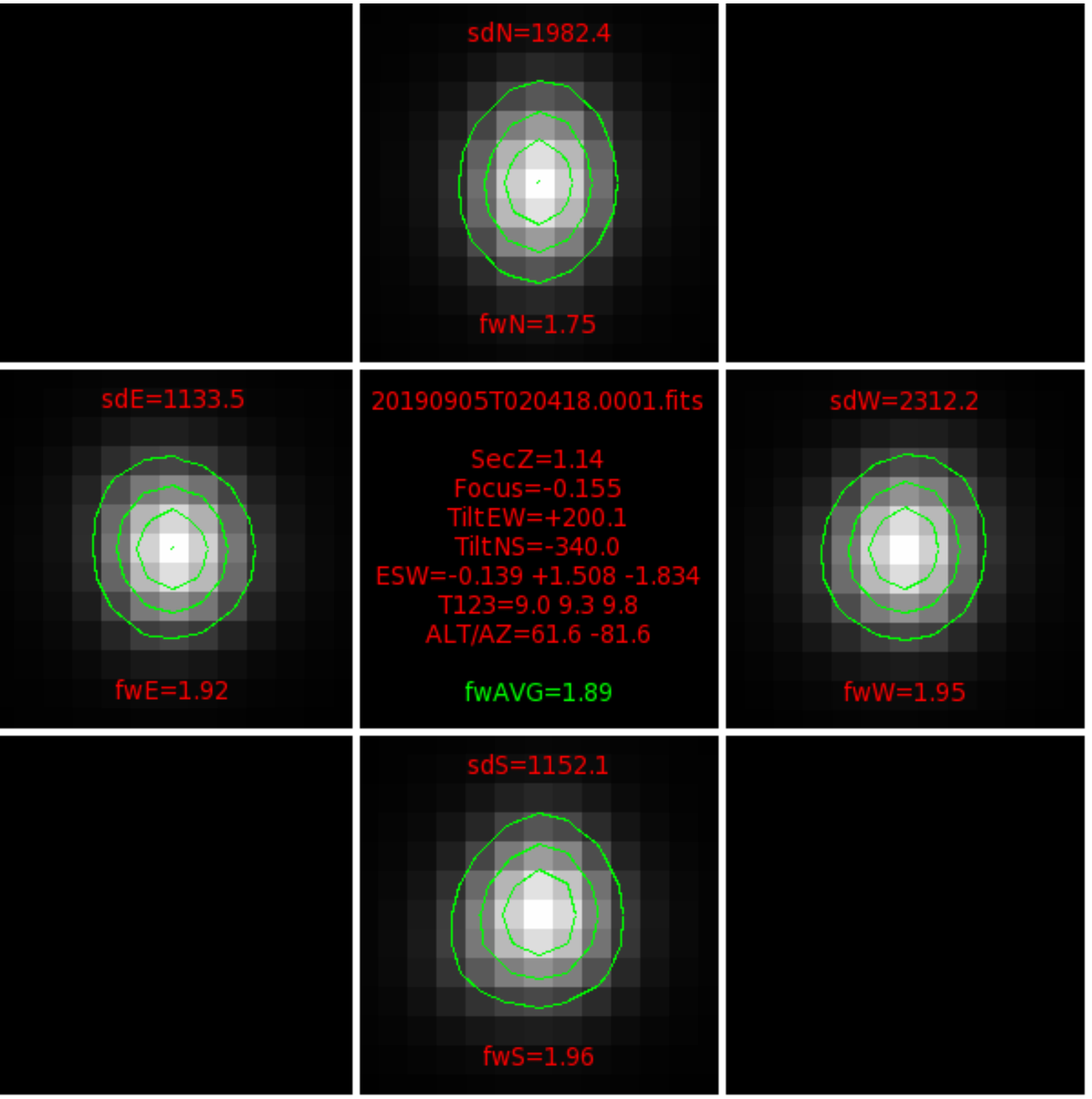
sdN=1982.4
fwN=1.75
sdE=1133.5
fwE=1.92
20190905T020418.0001.fits
SecZ=1.14
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.3 9.8
ALT/AZ=61.6 -81.6
fwAVG=1.89
sdW=2312.2
fwW=1.95
sdS=1152.1
fwS=1.96
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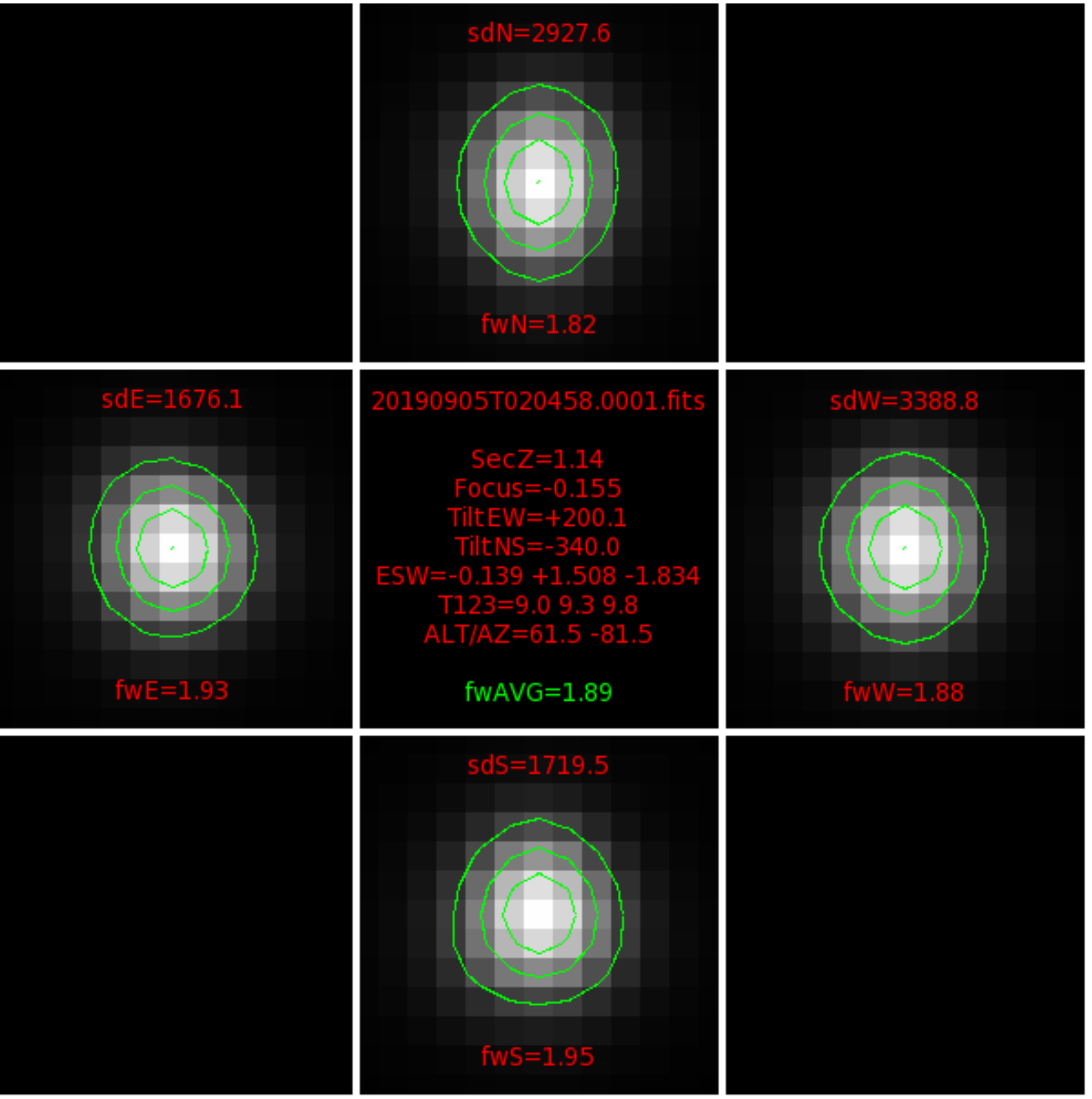
sdN=2927.6
fwN=1.82
sdE=1676.1
fwE=1.93
20190905T020458.0001.fits
SecZ=1.14
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.3 9.8
ALT/AZ=61.5 -81.5
fwAVG=1.89
sdW=3388.8
fwW=1.88
sdS=1719.5
fwS=1.95
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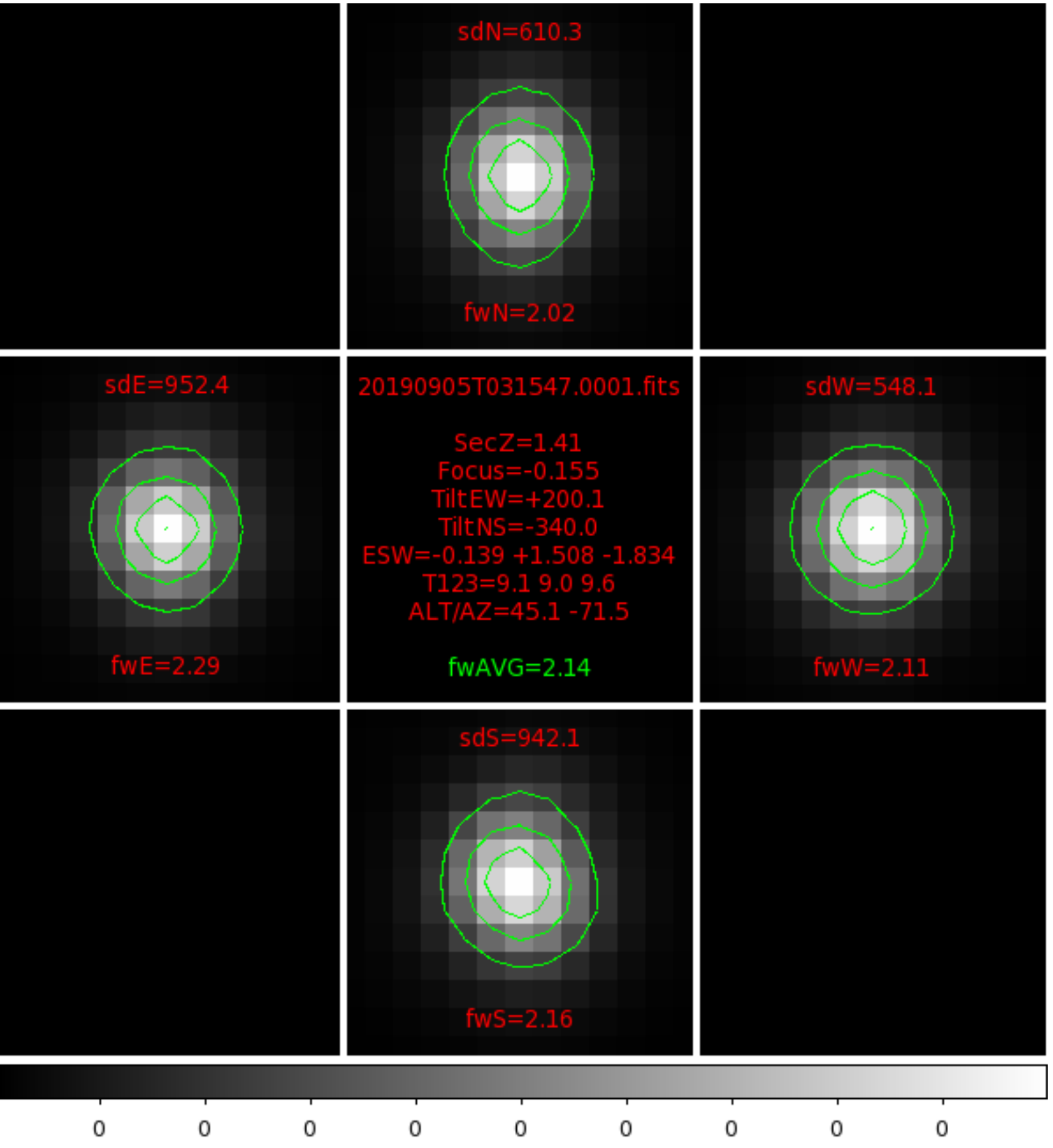
sdN=610.3
fwN=2.02
sdE=952.4
fwE=2.29
20190905T031547.0001.fits
SecZ=1.41
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.1 9.0 9.6
ALT/AZ=45.1 -71.5
fwAVG=2.14
sdW=548.1
fwW=2.11
sdS=942.1
fwS=2.16
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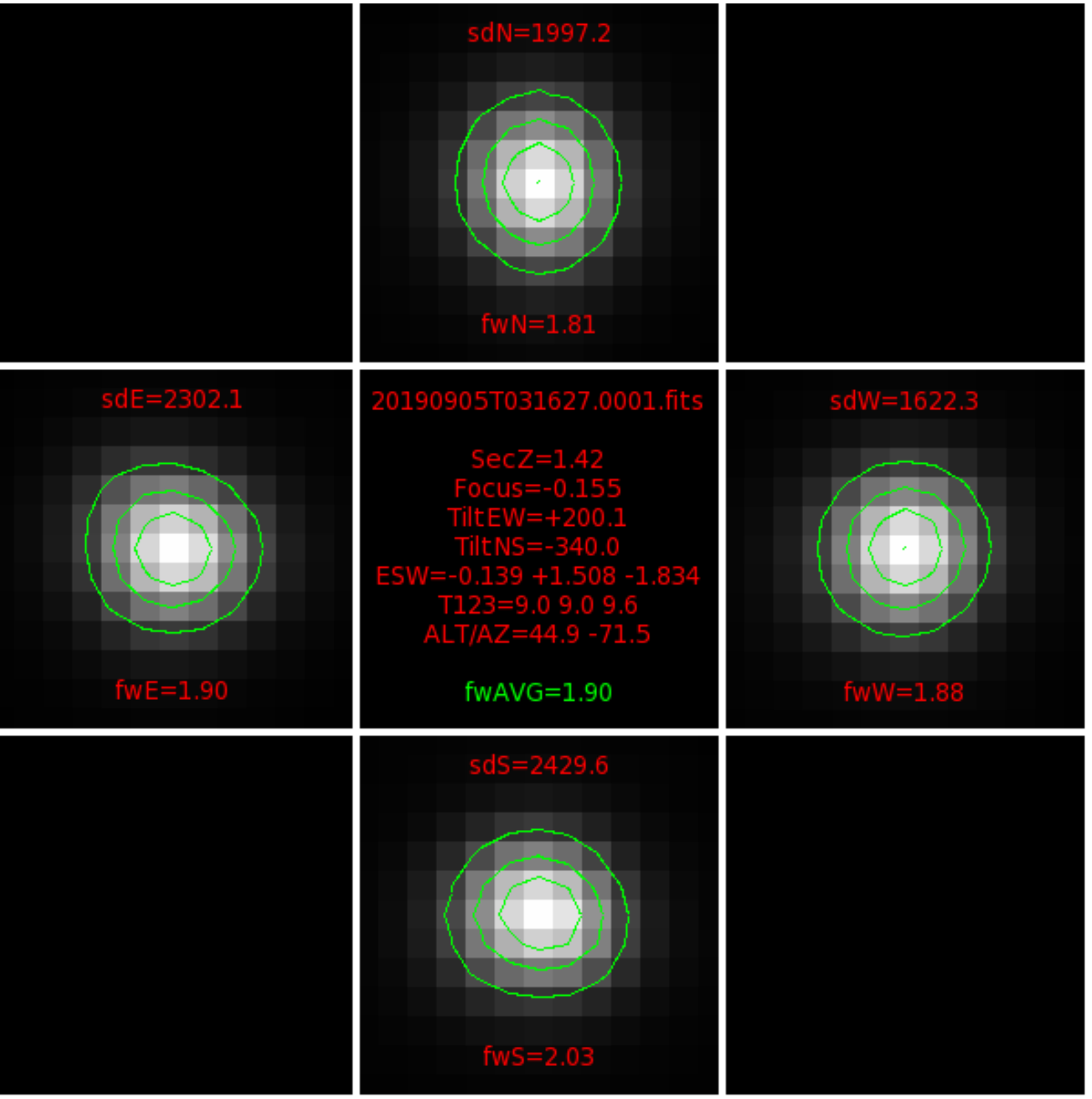
sdN=1997.2
fwN=1.81
sdE=2302.1
fwE=1.90
20190905T031627.0001.fits
SecZ=1.42
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.0 9.6
ALT/AZ=44.9 -71.5
fwAVG=1.90
sdW=1622.3
fwW=1.88
sdS=2429.6
fwS=2.03
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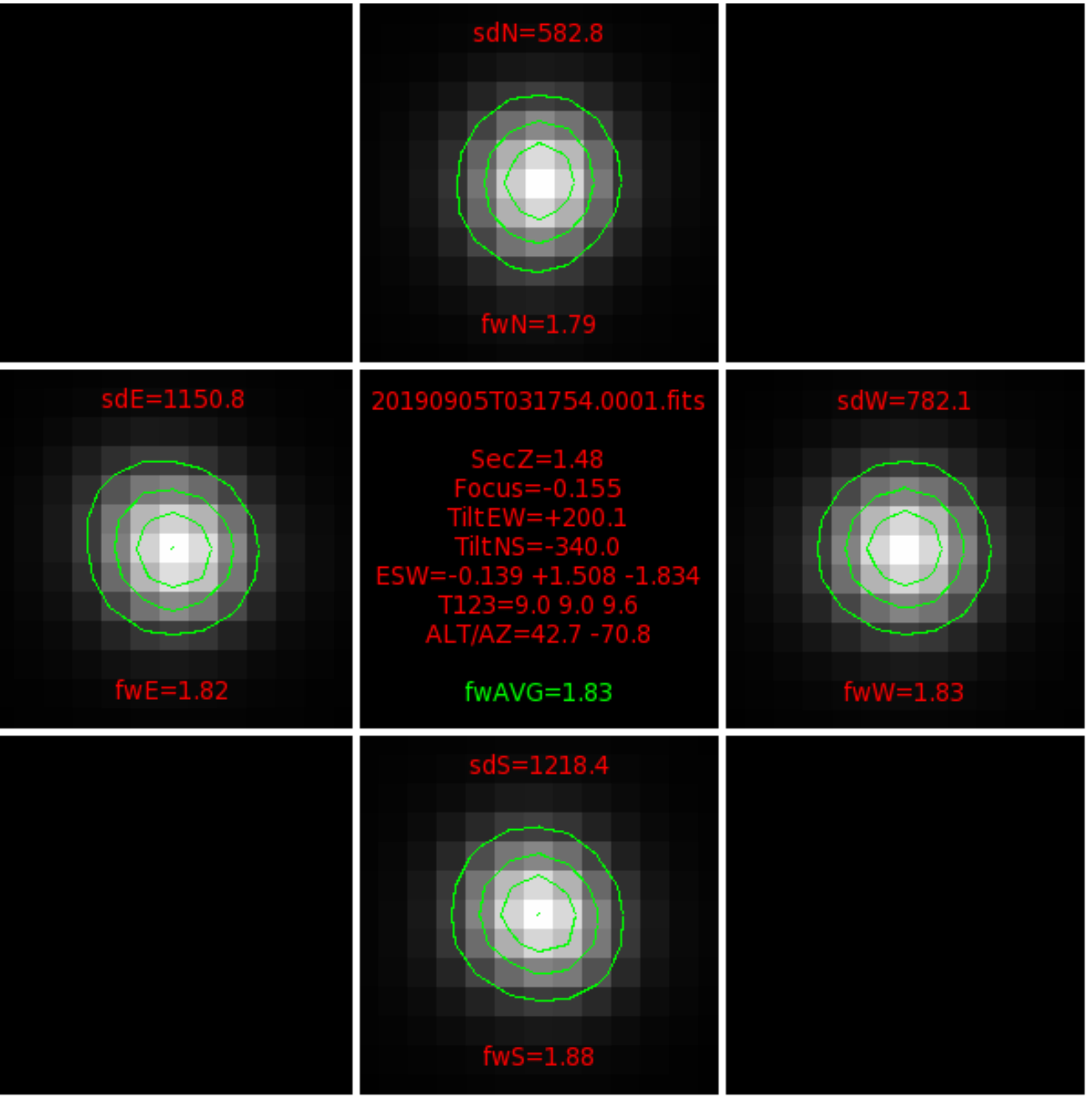
sdN=582.8
fwN=1.79
sdE=1150.8
fwE=1.82
20190905T031754.0001.fits
SecZ=1.48
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.0 9.0 9.6
ALT/AZ=42.7 -70.8
fwAVG=1.83
sdW=782.1
fwW=1.83
sdS=1218.4
fwS=1.88
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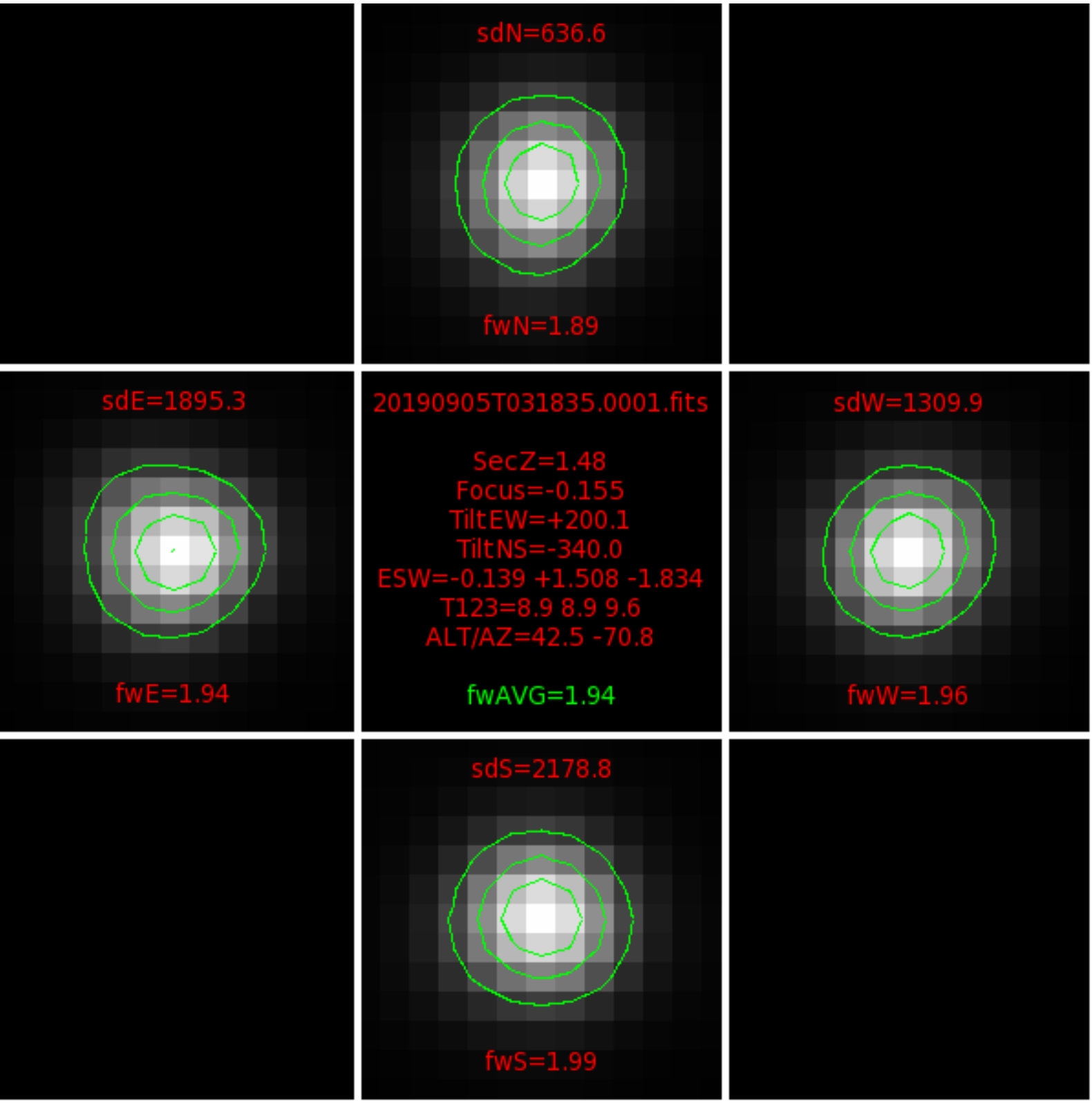
sdN=636.6
fwN=1.89
sdE=1895.3
fwE=1.94
20190905T031835.0001.fits
SecZ=1.48
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.9 8.9 9.6
ALT/AZ=42.5 -70.8
fwAVG=1.94
sdW=1309.9
fwW=1.96
sdS=2178.8
fwS=1.99
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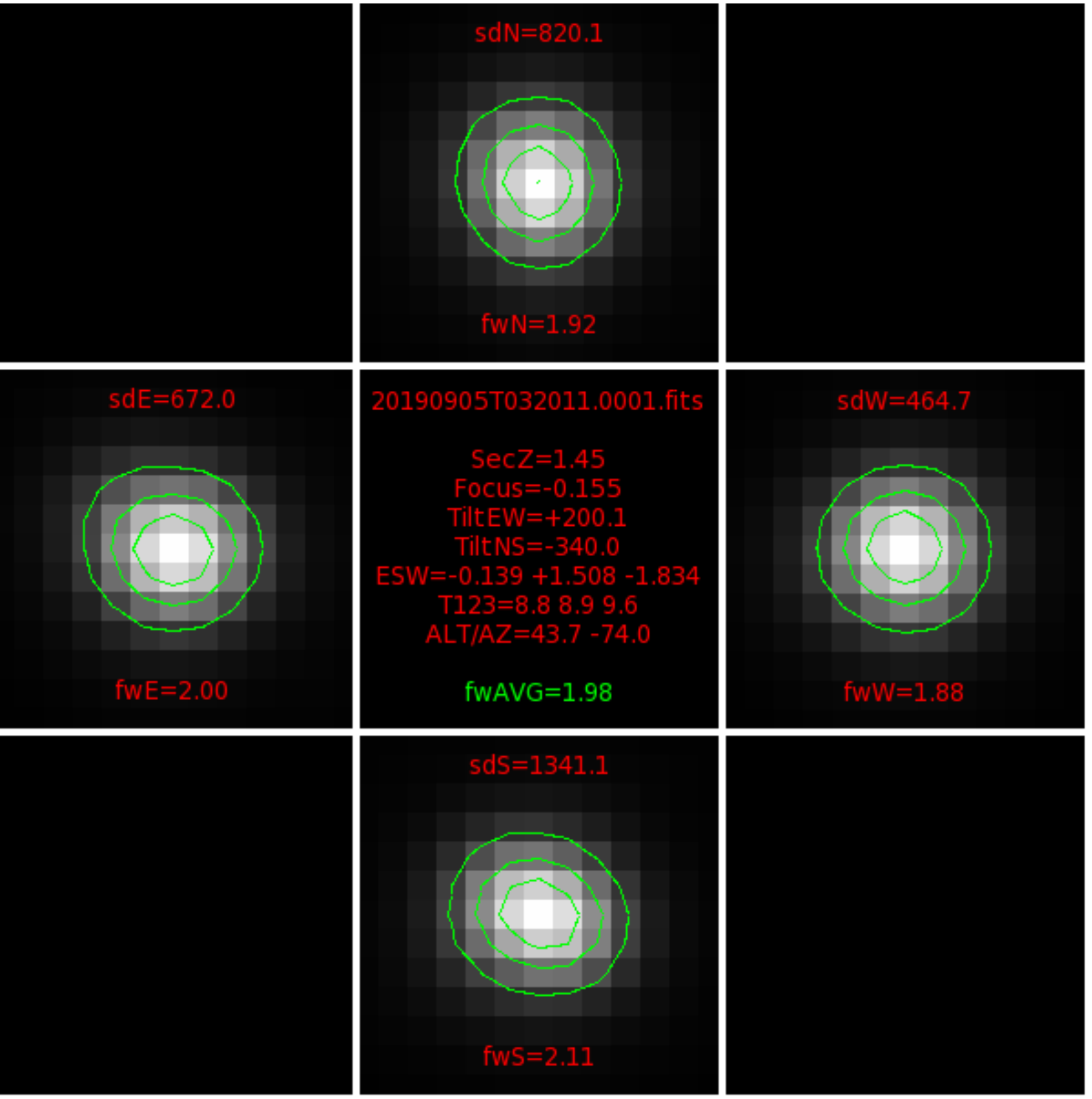
sdN=820.1
fwN=1.92
sdE=672.0
fwE=2.00
20190905T032011.0001.fits
SecZ=1.45
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.8 8.9 9.6
ALT/AZ=43.7 -74.0
fwAVG=1.98
sdW=464.7
fwW=1.88
sdS=1341.1
fwS=2.11
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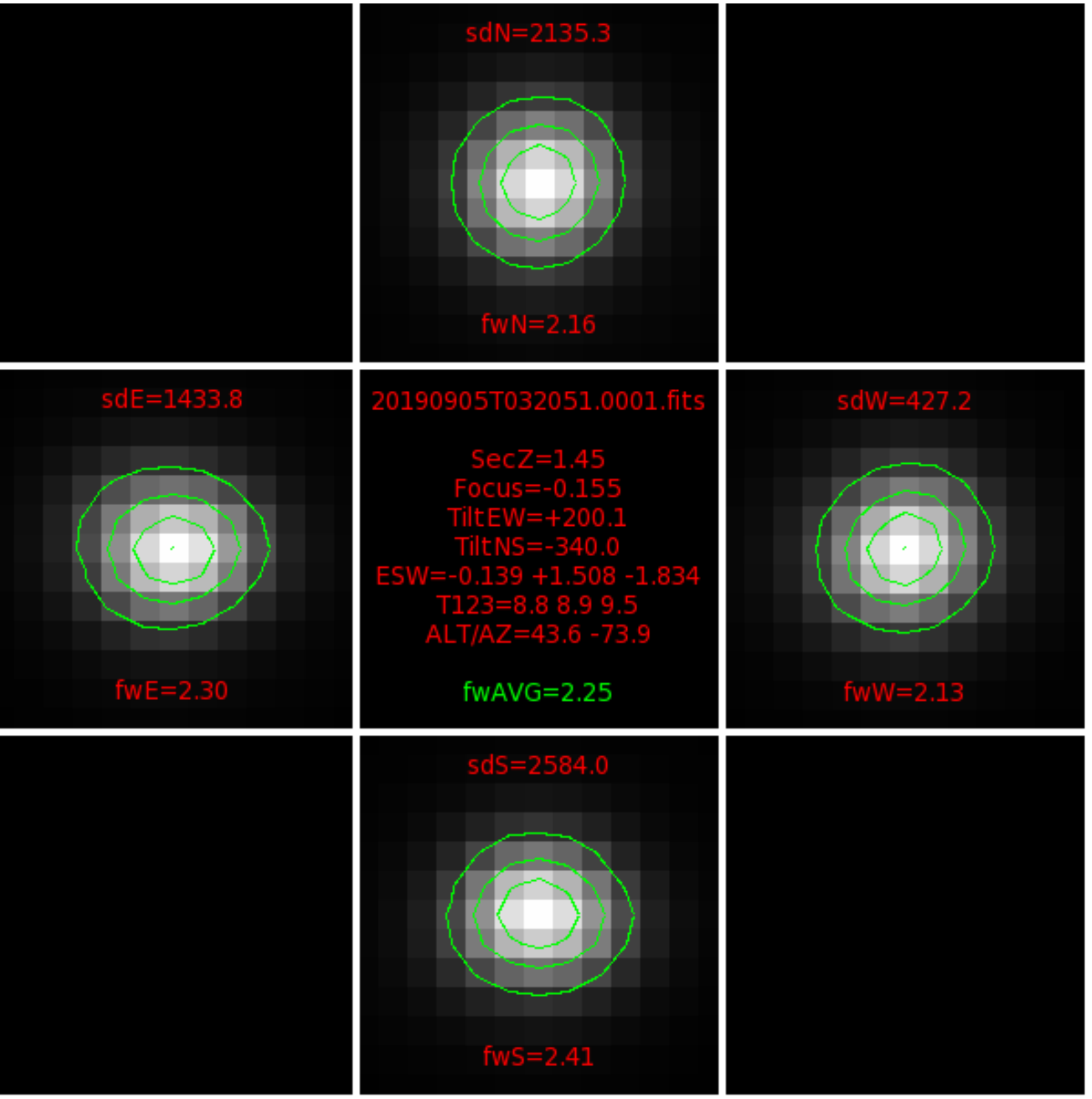
sdN=2135.3
fwN=2.16
sdE=1433.8
fwE=2.30
20190905T032051.0001.fits
SecZ=1.45
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.8 8.9 9.5
ALT/AZ=43.6 -73.9
fwAVG=2.25
sdW=427.2
fwW=2.13
sdS=2584.0
fwS=2.41
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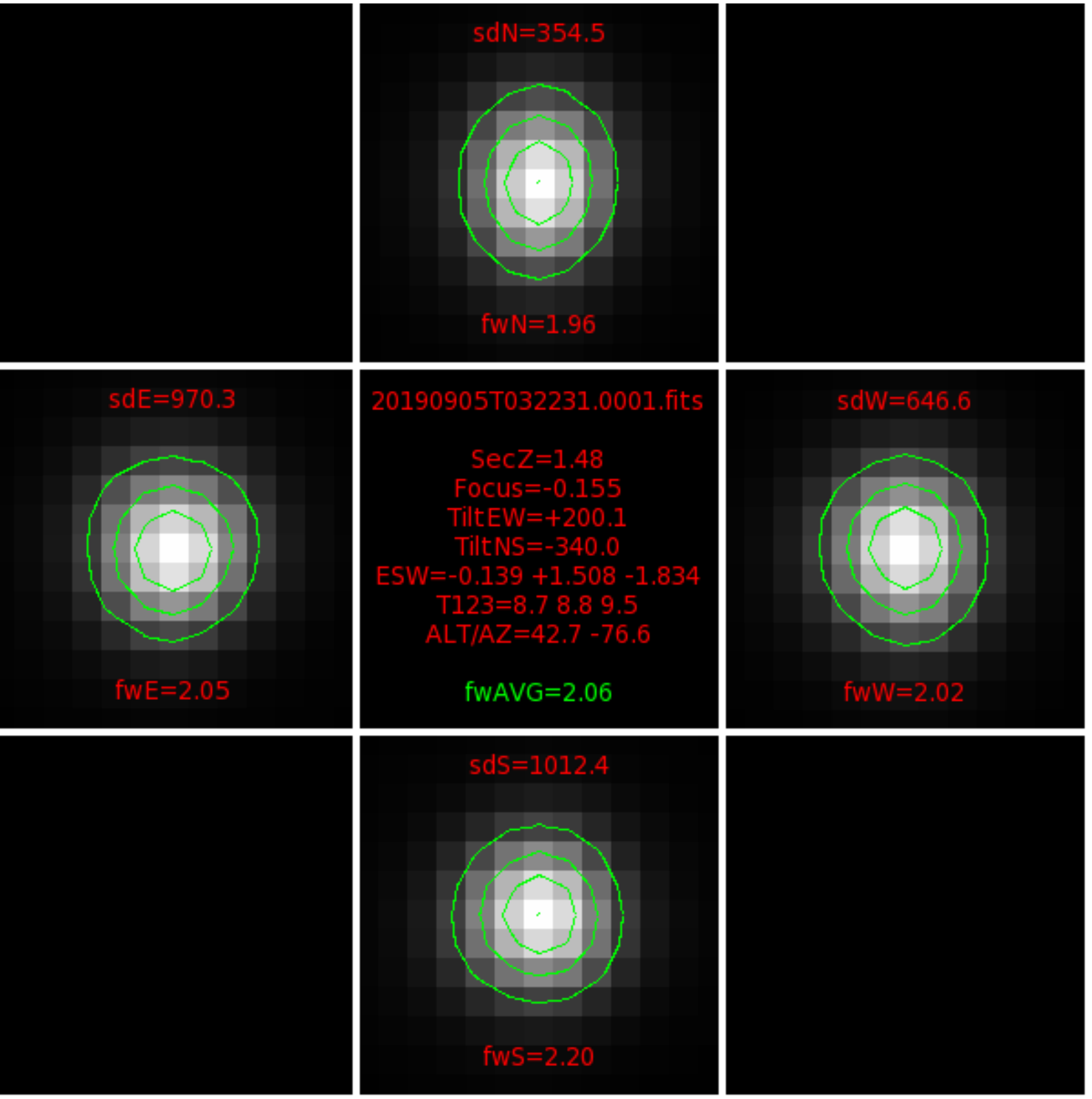
sdN=354.5
fwN=1.96
sdE=970.3
fwE=2.05
20190905T032231.0001.fits
SecZ=1.48
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.7 8.8 9.5
ALT/AZ=42.7 -76.6
fwAVG=2.06
sdW=646.6
fwW=2.02
sdS=1012.4
fwS=2.20
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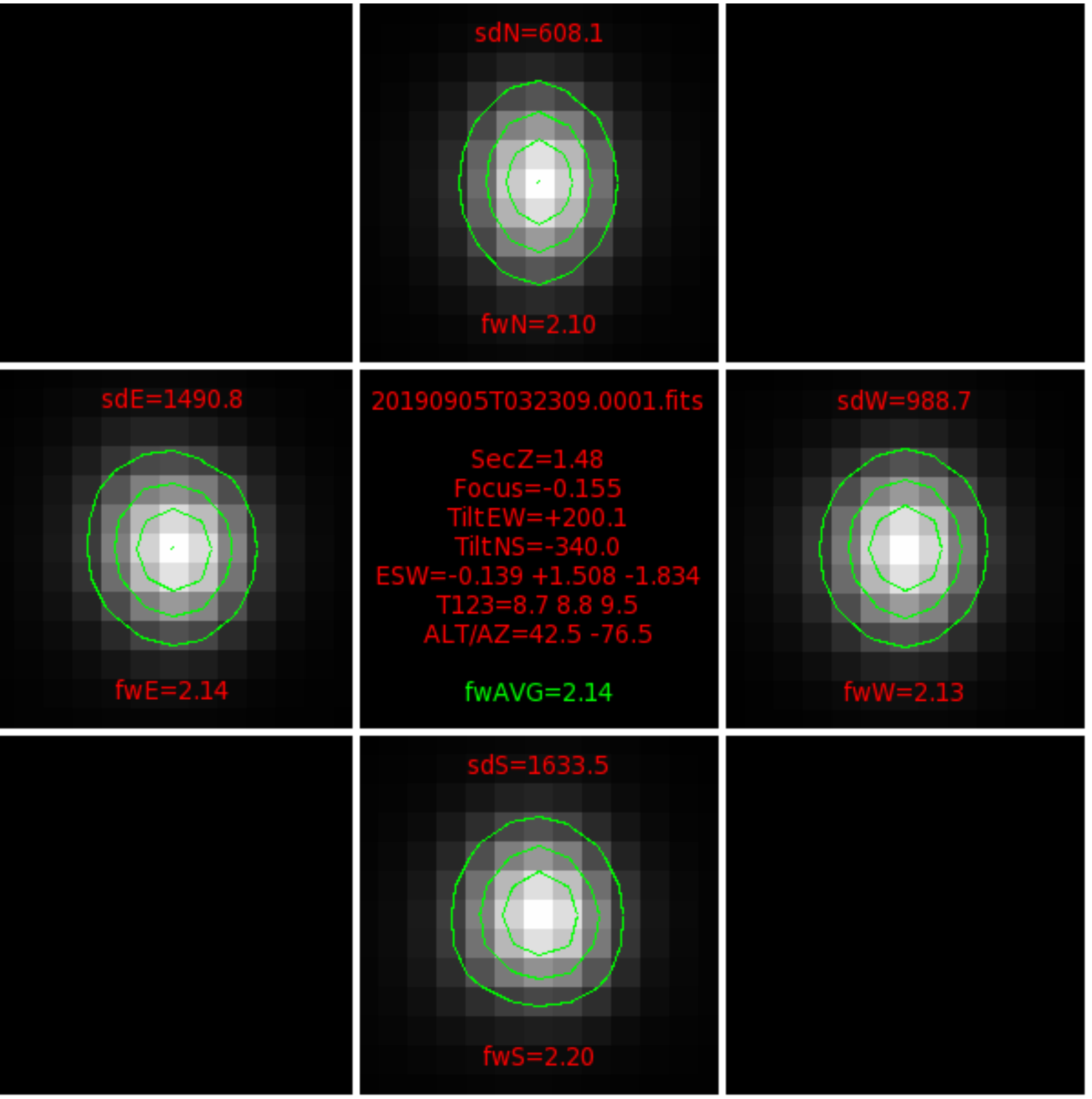
sdN=608.1
fwN=2.10
sdE=1490.8
fwE=2.14
20190905T032309.0001.fits
SecZ=1.48
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.7 8.8 9.5
ALT/AZ=42.5 -76.5
fwAVG=2.14
sdW=988.7
fwW=2.13
sdS=1633.5
fwS=2.20
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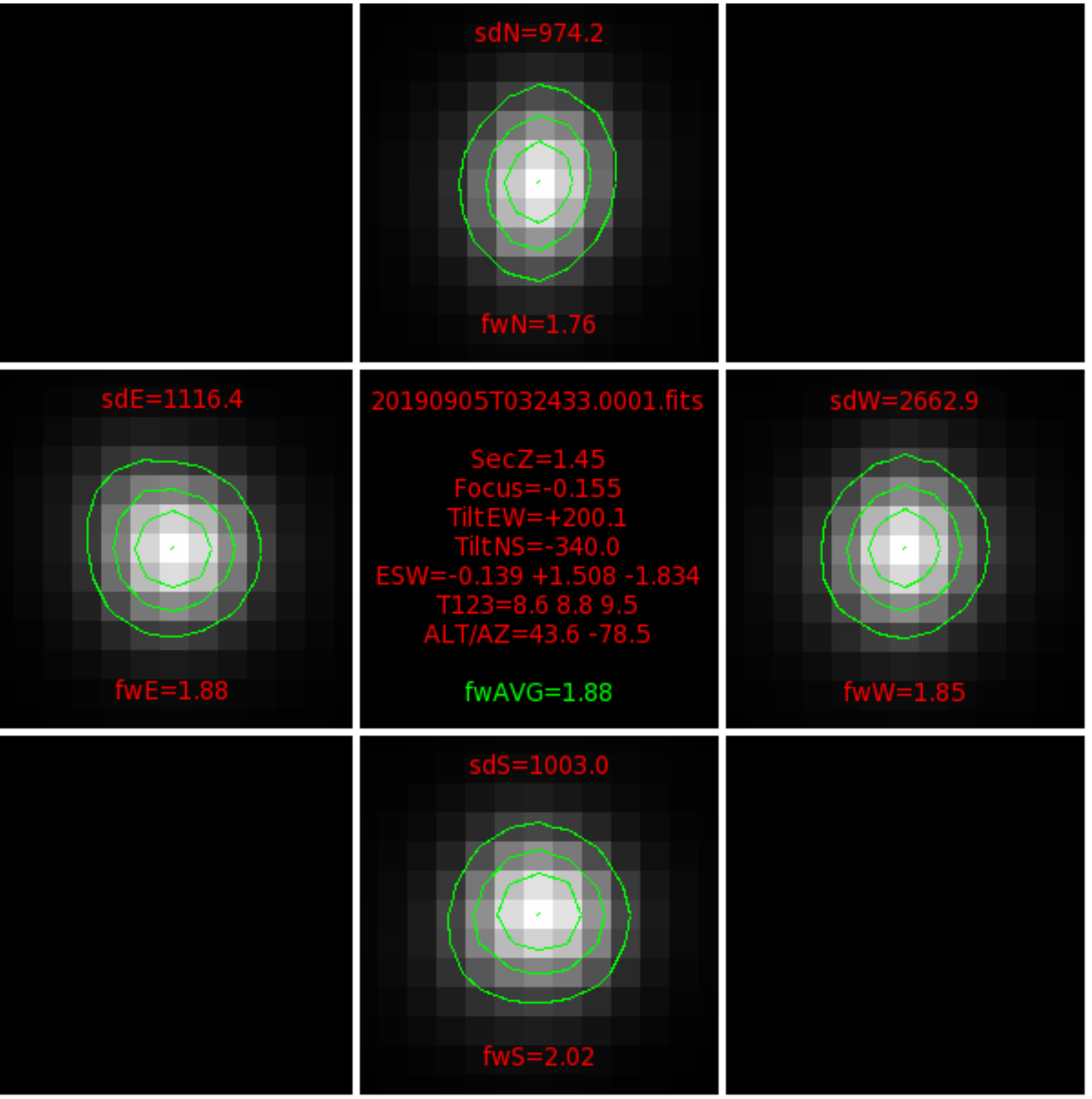
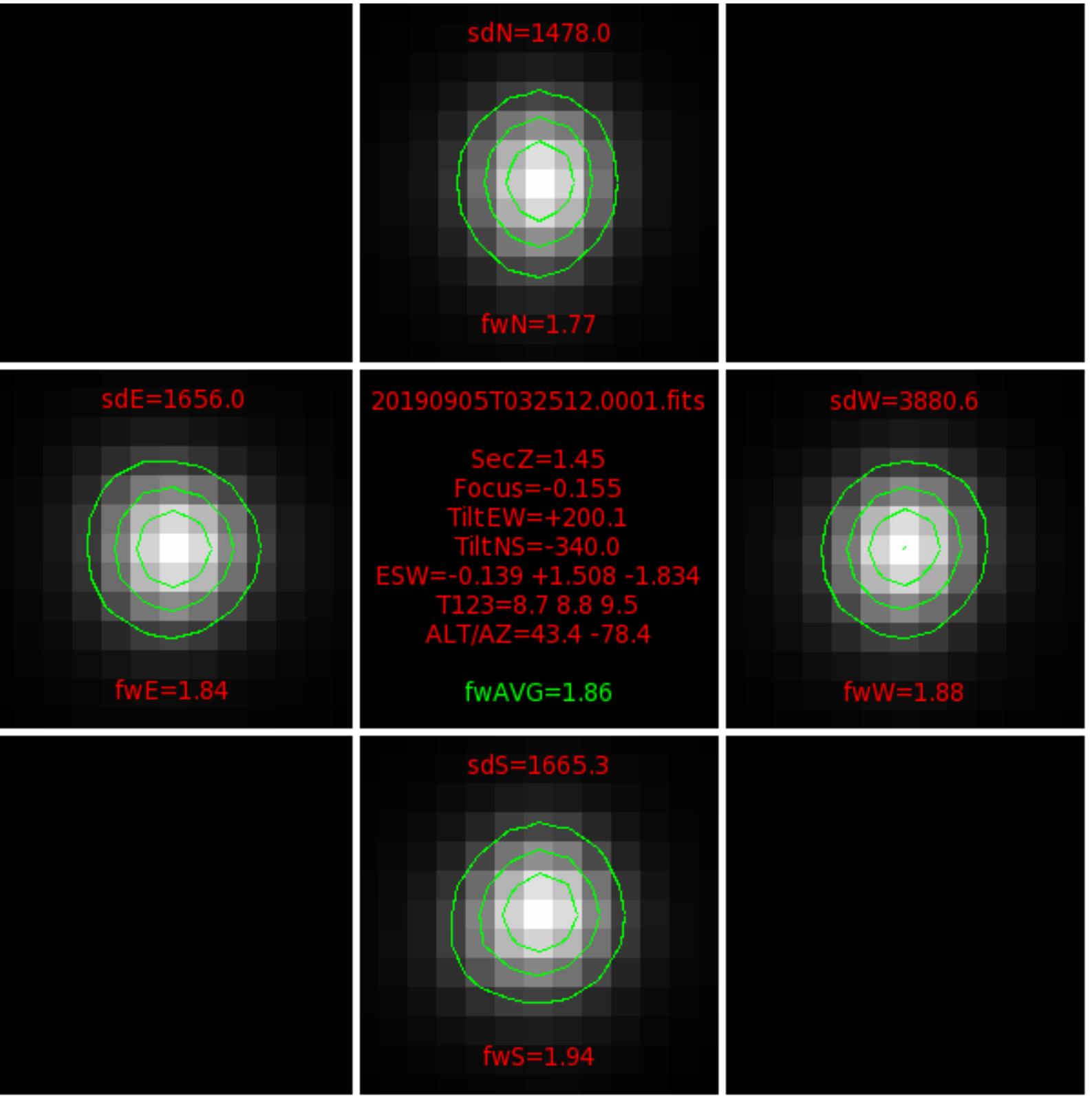

sdN=974.2
fwN=1.76
sdE=1116.4
fwE=1.88
20190905T032433.0001.fits
SecZ=1.45
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.8 9.5
ALT/AZ=43.6 -78.5
fwAVG=1.88
sdW=2662.9
fwW=1.85
sdS=1003.0
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=1478.0
fwN=1.77
sdE=1656.0
fwE=1.84
20190905T032512.0001.fits
SecZ=1.45
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.7 8.8 9.5
ALT/AZ=43.4 -78.4
fwAVG=1.86
sdW=3880.6
fwW=1.88
sdS=1665.3
fwS=1.94
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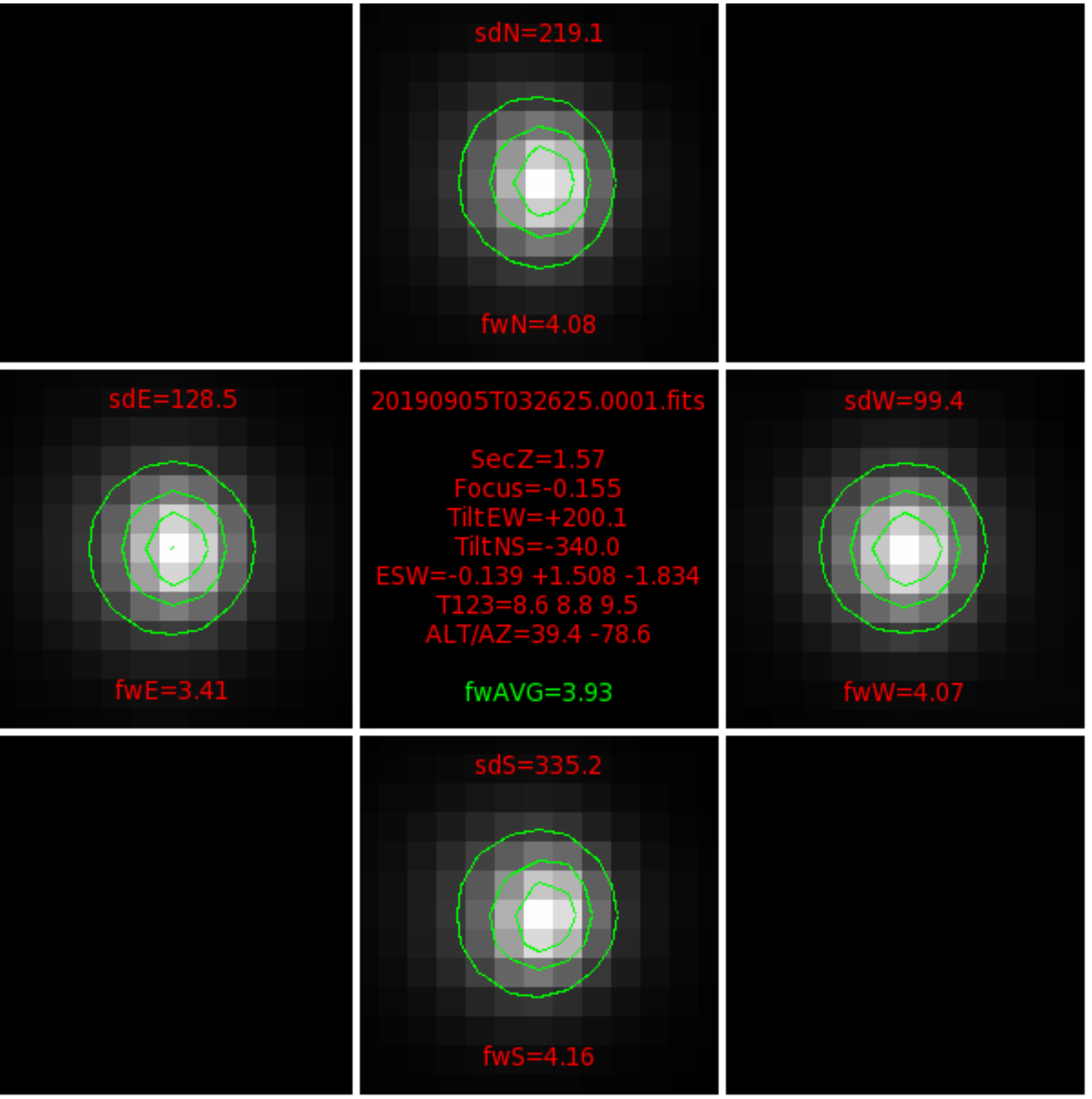
sdN=219.1
fwN=4.08
sdE=128.5
fwE=3.41
20190905T032625.0001.fits
SecZ=1.57
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.8 9.5
ALT/AZ=39.4 -78.6
fwAVG=3.93
sdW=99.4
fwW=4.07
sdS=335.2
fwS=4.16
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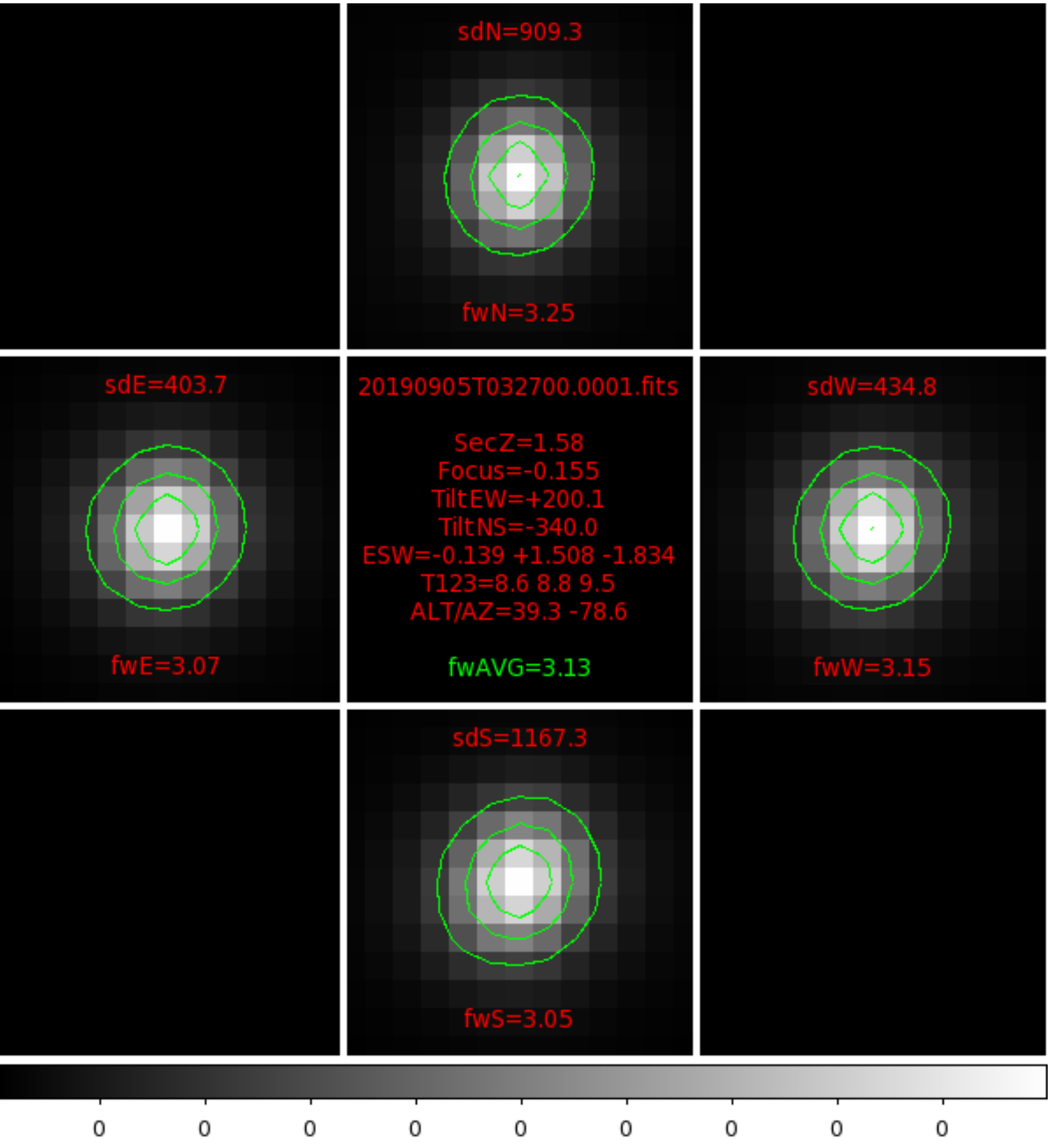
sdN=909.3
fwN=3.25
sdE=403.7
fwE=3.07
20190905T032700.0001.fits
SecZ=1.58
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.8 9.5
ALT/AZ=39.3 -78.6
fwAVG=3.13
sdW=434.8
fwW=3.15
sdS=1167.3
fwS=3.05
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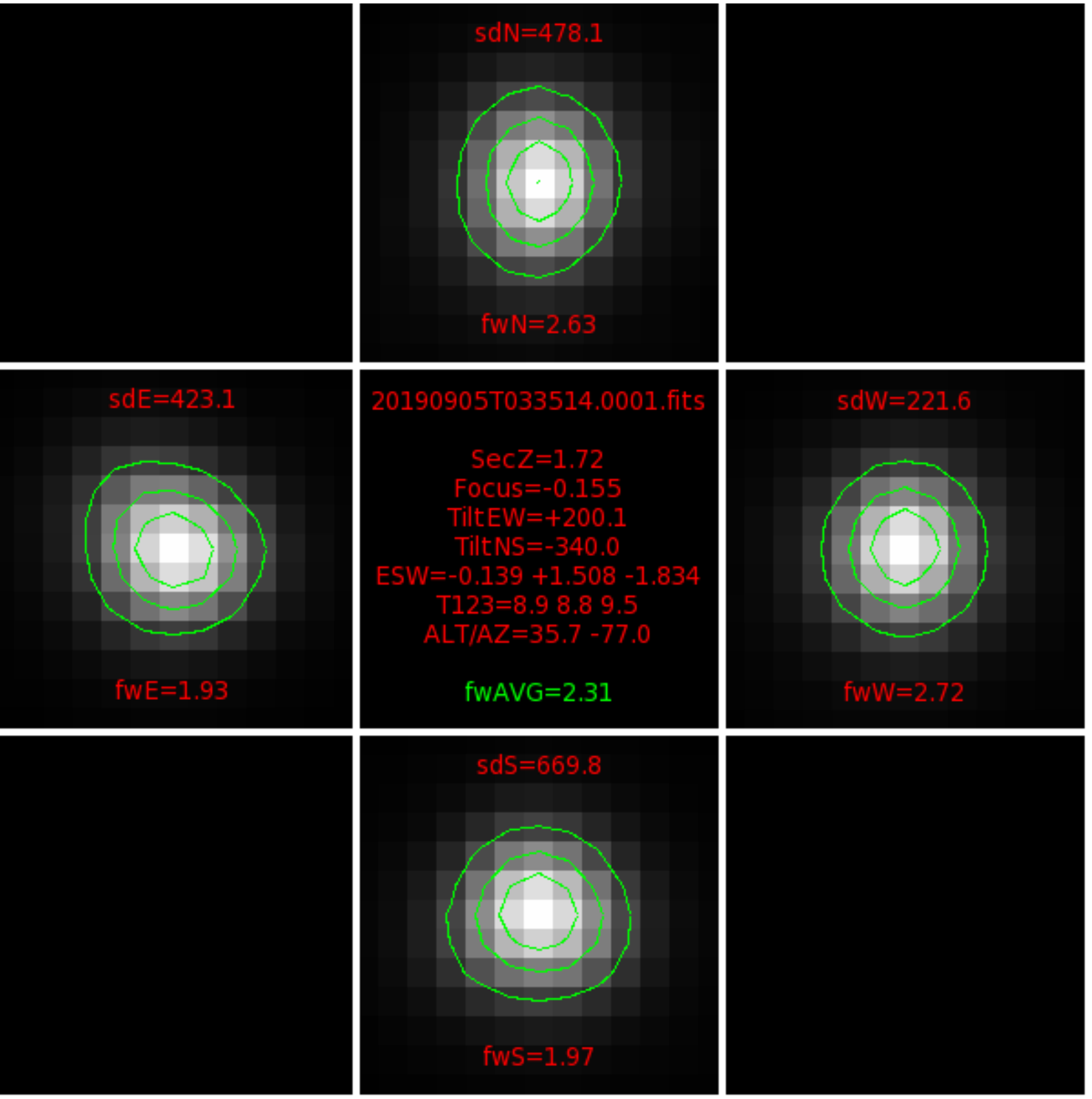
sdN=478.1
fwN=2.63
sdE=423.1
fwE=1.93
20190905T033514.0001.fits
SecZ=1.72
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.9 8.8 9.5
ALT/AZ=35.7 -77.0
fwAVG=2.31
sdW=221.6
fwW=2.72
sdS=669.8
fwS=1.97
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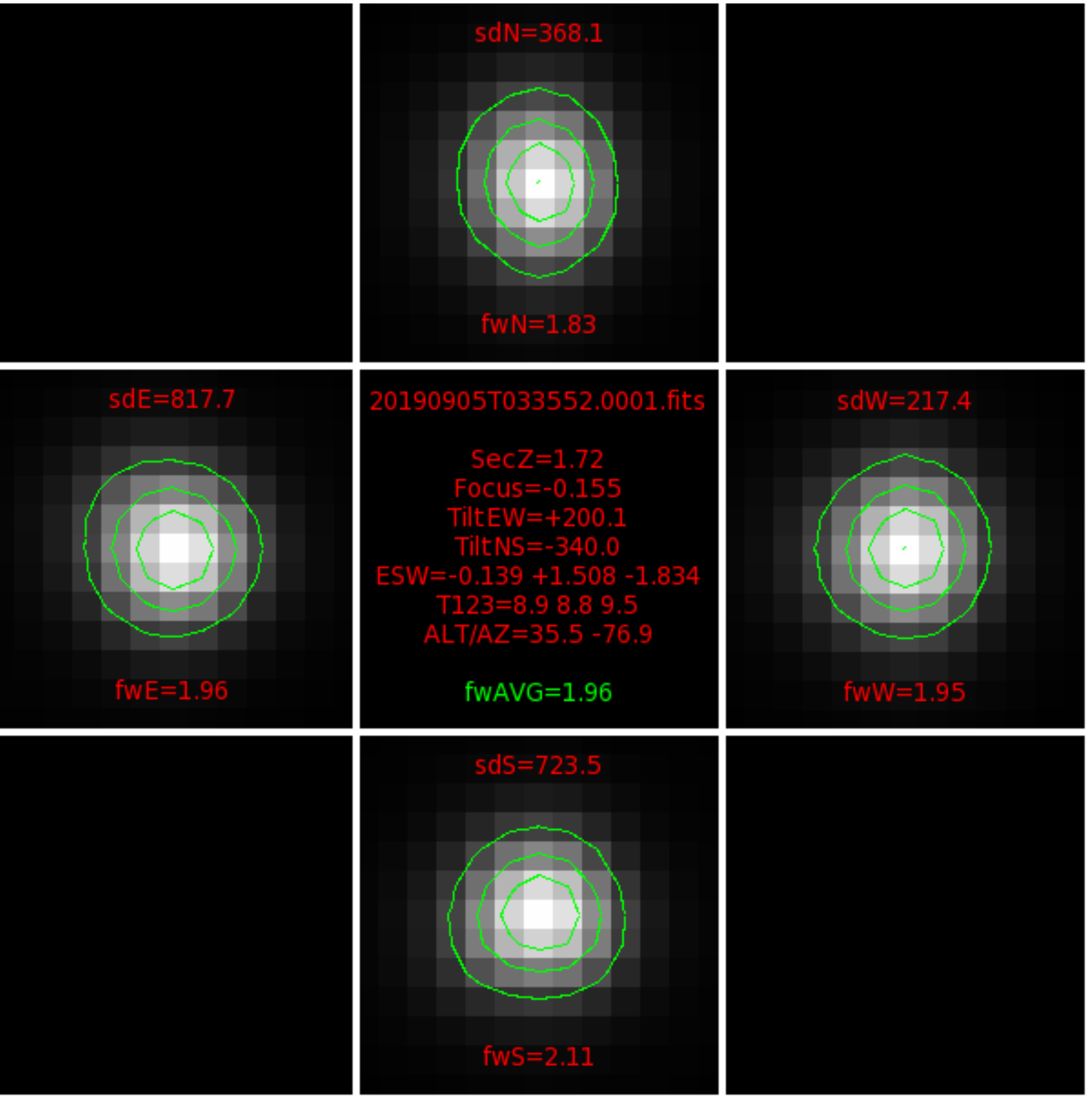
sdN=368.1
fwN=1.83
sdE=817.7
fwE=1.96
20190905T033552.0001.fits
SecZ=1.72
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.9 8.8 9.5
ALT/AZ=35.5 -76.9
fwAVG=1.96
sdW=217.4
fwW=1.95
sdS=723.5
fwS=2.11
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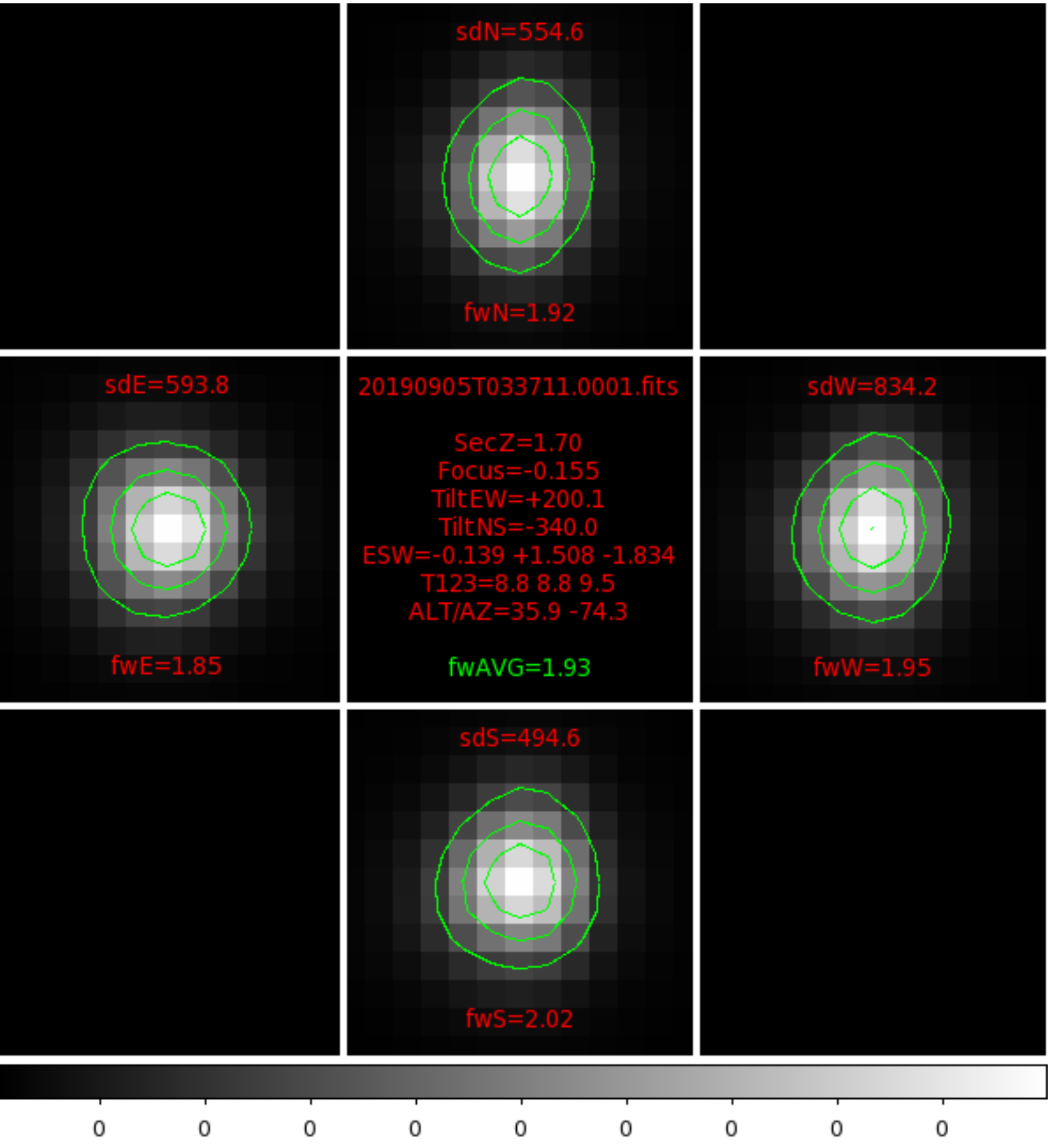
sdN=554.6
fwN=1.92
sdE=593.8
fwE=1.85
20190905T033711.0001.fits
SecZ=1.70
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.8 8.8 9.5
ALT/AZ=35.9 -74.3
fwAVG=1.93
sdW=834.2
fwW=1.95
sdS=494.6
fwS=2.02
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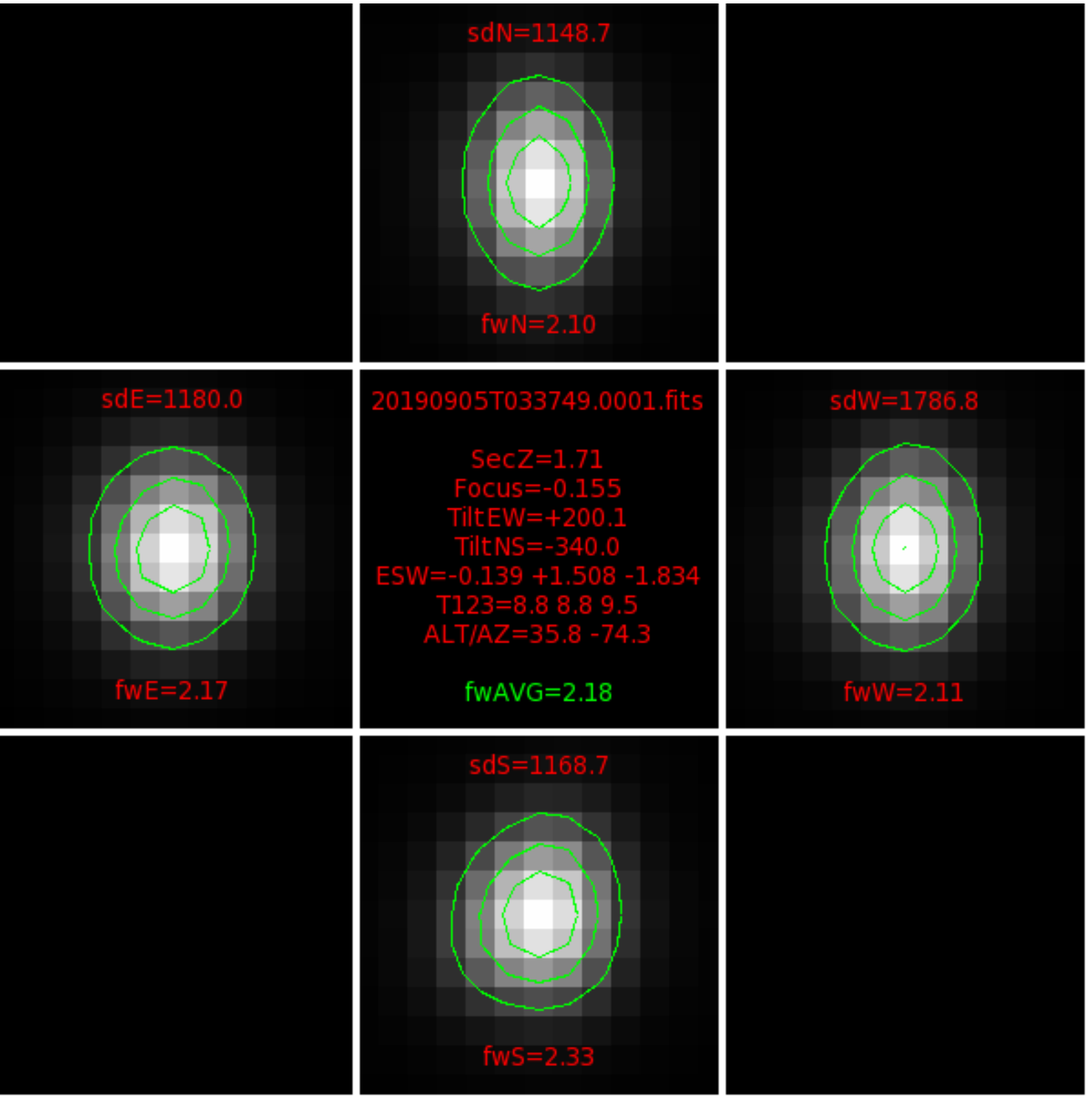
sdN=1148.7
fwN=2.10
sdE=1180.0
fwE=2.17
20190905T033749.0001.fits
SecZ=1.71
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.8 8.8 9.5
ALT/AZ=35.8 -74.3
fwAVG=2.18
sdW=1786.8
fwW=2.11
sdS=1168.7
fwS=2.33
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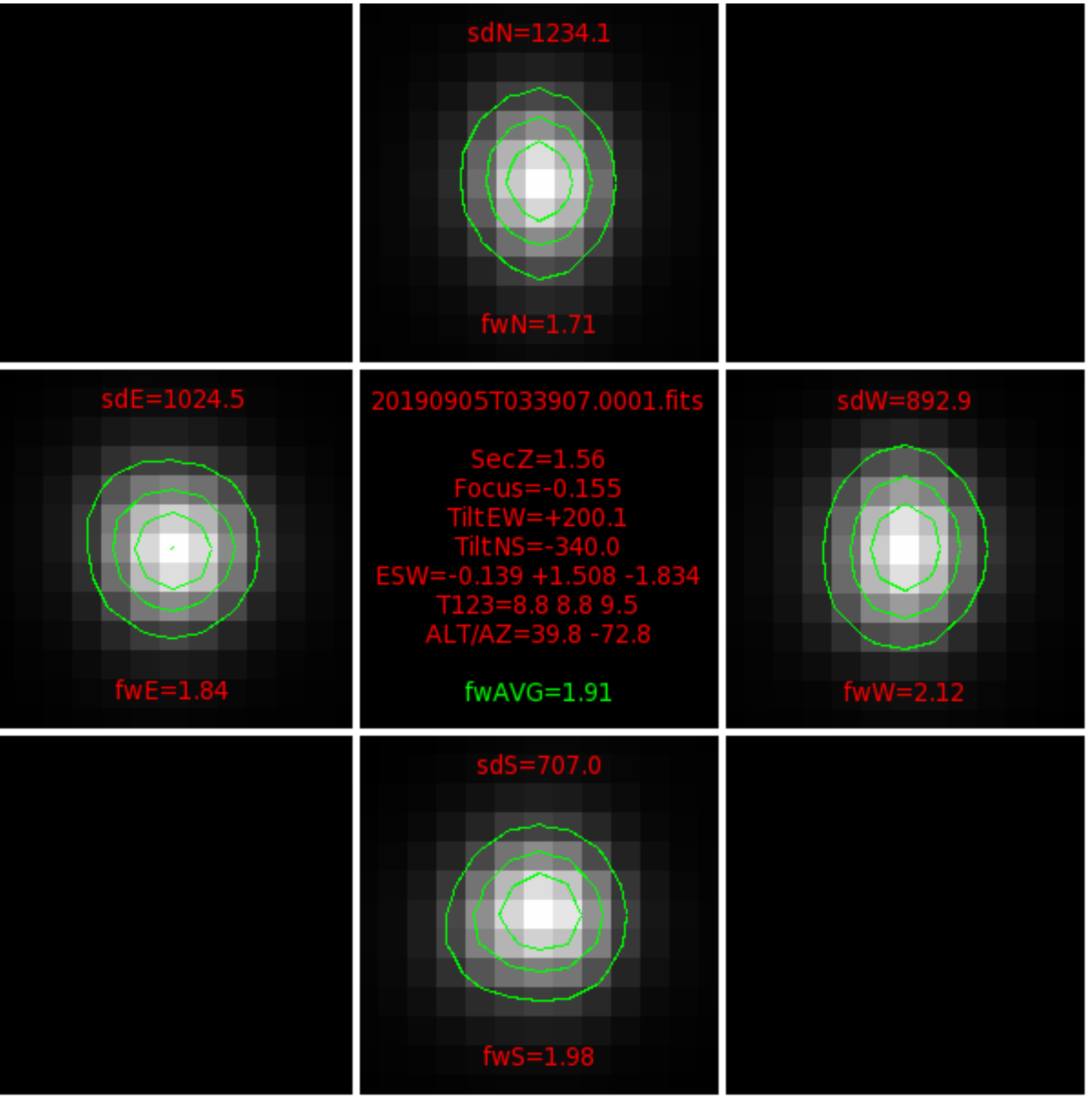
sdN=1234.1
fwN=1.71
sdE=1024.5
fwE=1.84
20190905T033907.0001.fits
SecZ=1.56
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.8 8.8 9.5
ALT/AZ=39.8 -72.8
fwAVG=1.91
sdW=892.9
fwW=2.12
sdS=707.0
fwS=1.98
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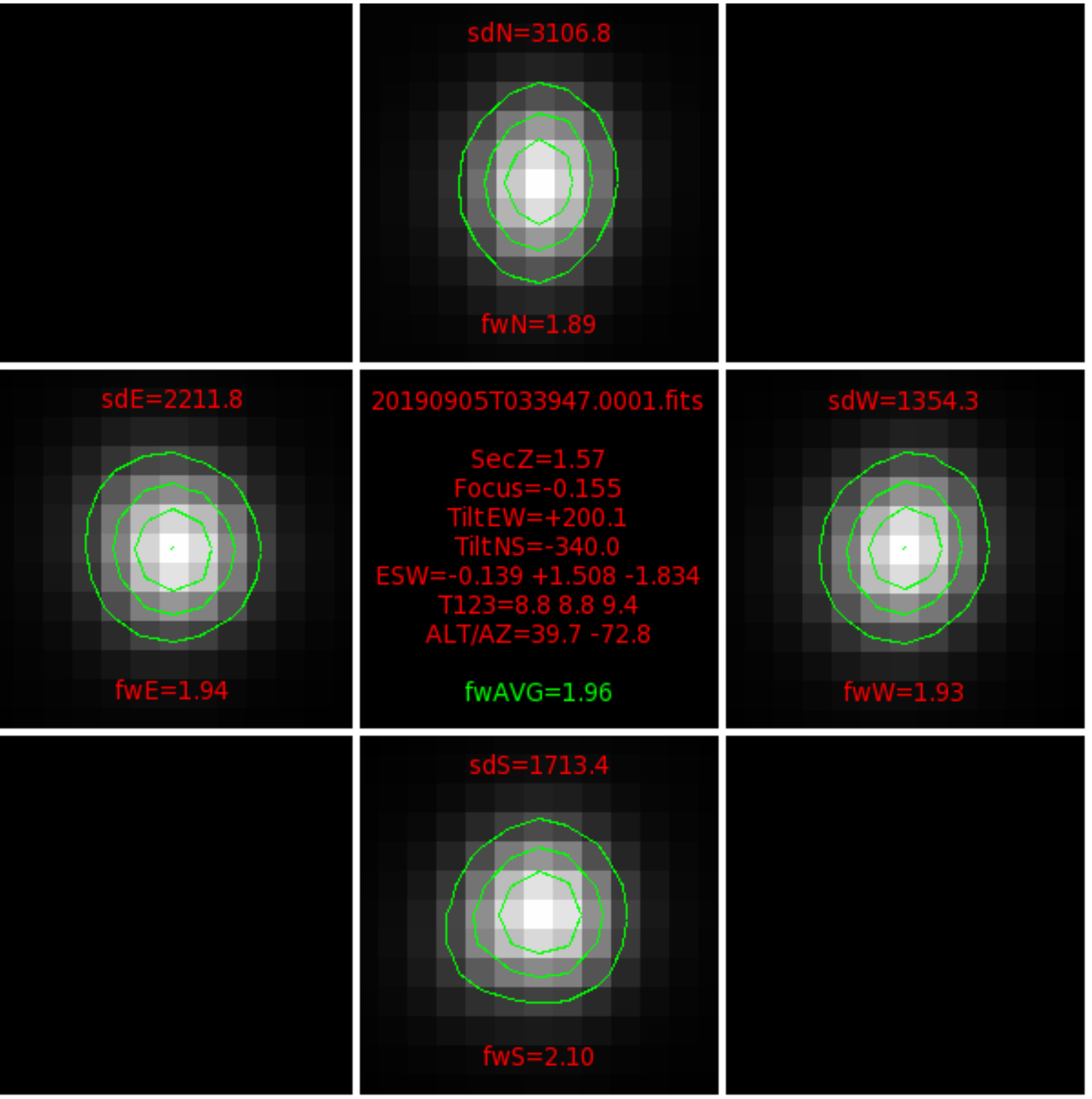
sdN=3106.8
fwN=1.89
sdE=2211.8
fwE=1.94
20190905T033947.0001.fits
SecZ=1.57
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.8 8.8 9.4
ALT/AZ=39.7 -72.8
fwAVG=1.96
sdW=1354.3
fwW=1.93
sdS=1713.4
fwS=2.10
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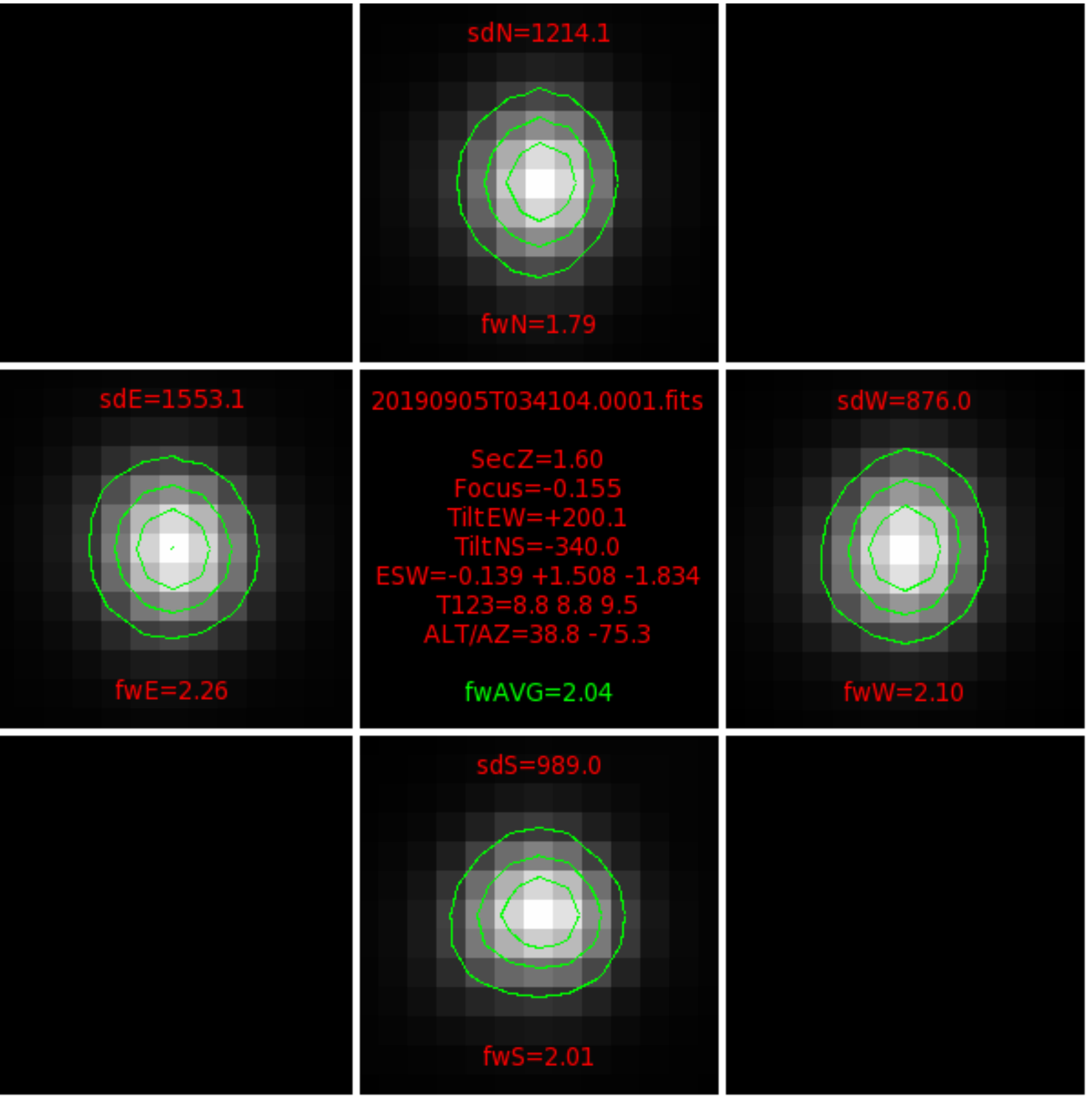
sdN=1214.1
fwN=1.79
sdE=1553.1
fwE=2.26
20190905T034104.0001.fits
SecZ=1.60
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.8 8.8 9.5
ALT/AZ=38.8 -75.3
fwAVG=2.04
sdW=876.0
fwW=2.10
sdS=989.0
fwS=2.01
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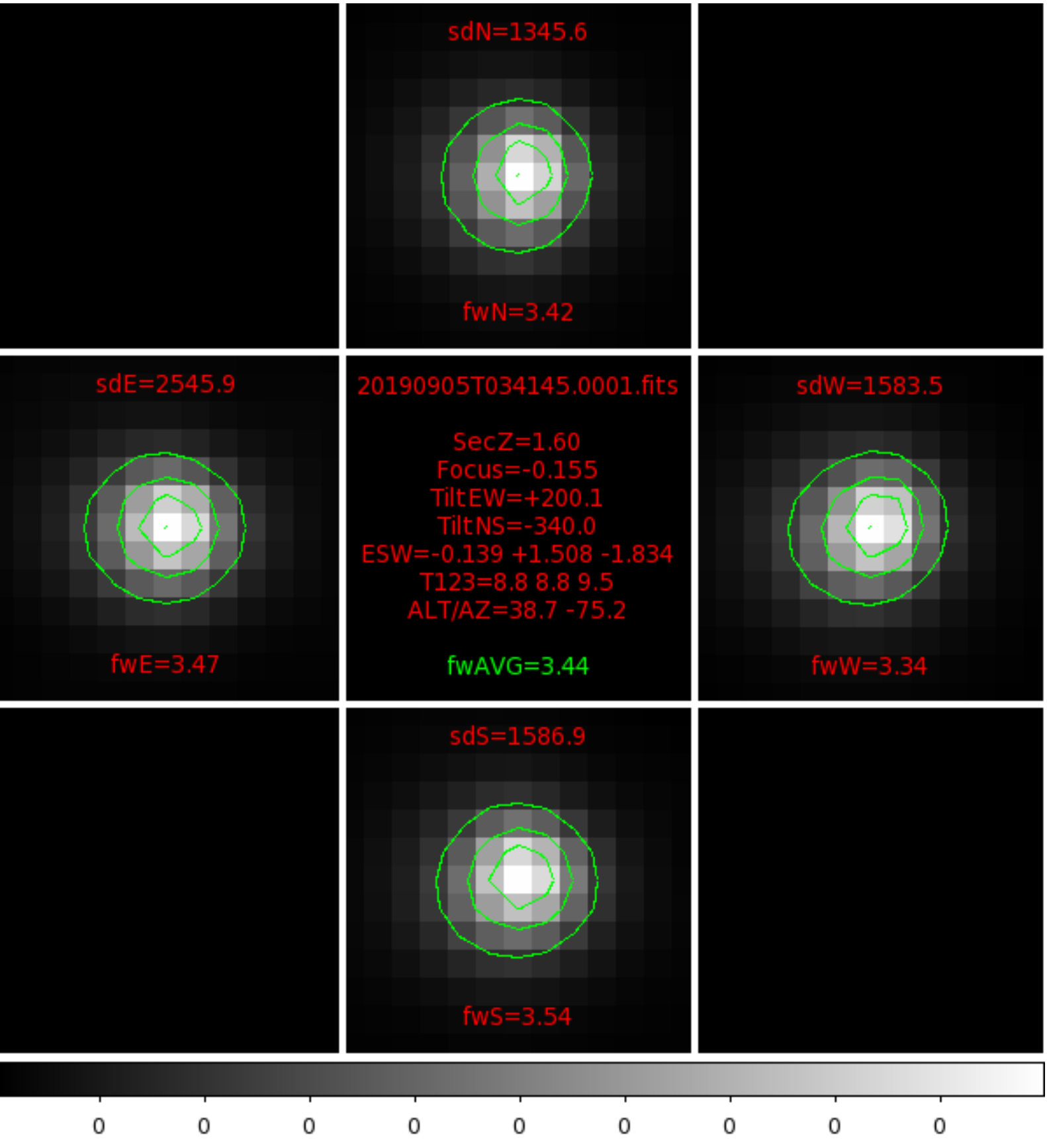
sdN=1345.6
fwN=3.42
sdE=2545.9
fwE=3.47
20190905T034145.0001.fits
SecZ=1.60
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.8 8.8 9.5
ALT/AZ=38.7 -75.2
fwAVG=3.44
sdW=1583.5
fwW=3.34
sdS=1586.9
fwS=3.54
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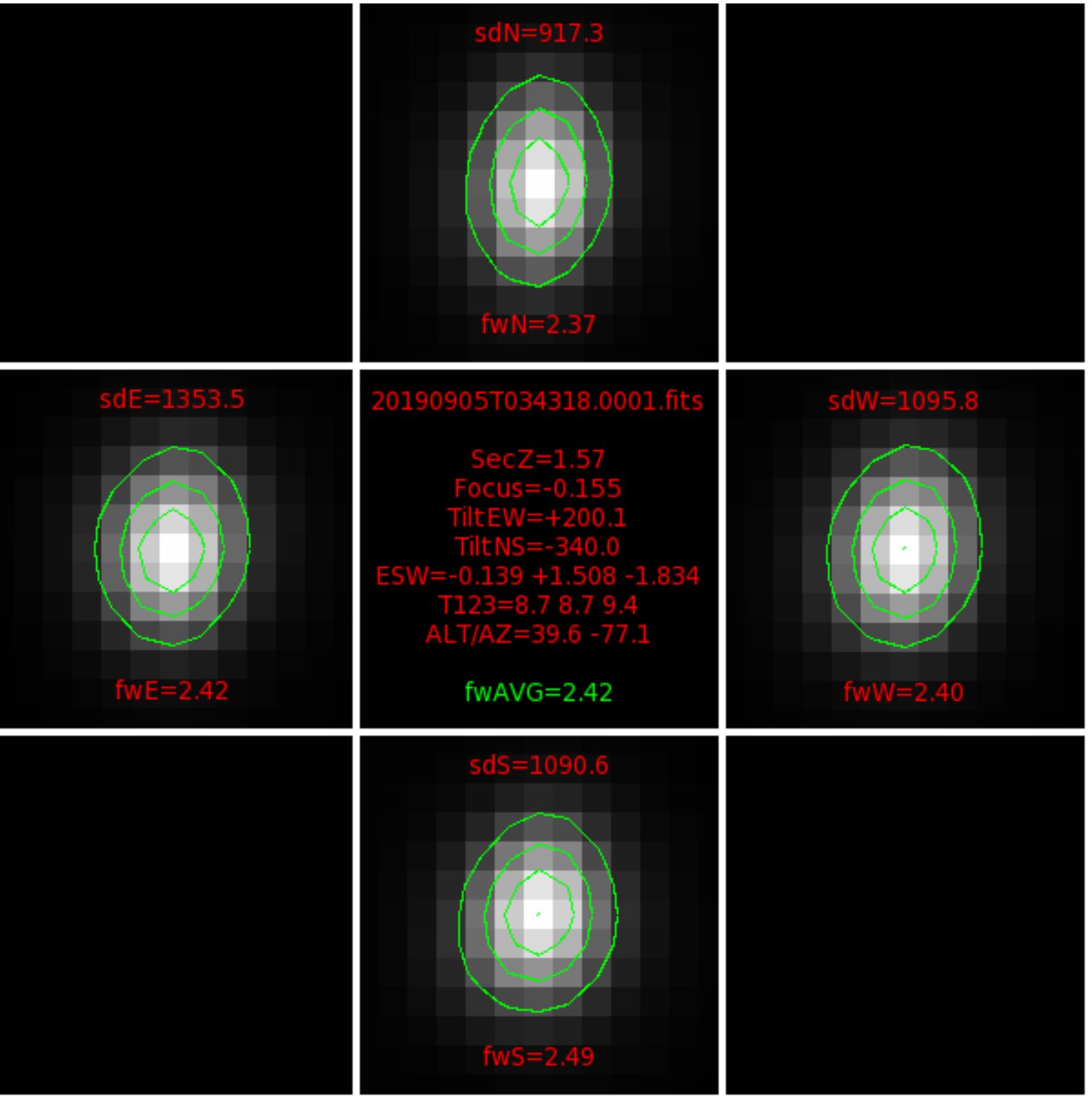
sdN=917.3
fwN=2.37
sdE=1353.5
fwE=2.42
20190905T034318.0001.fits
SecZ=1.57
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.7 8.7 9.4
ALT/AZ=39.6 -77.1
fwAVG=2.42
sdW=1095.8
fwW=2.40
sdS=1090.6
fwS=2.49
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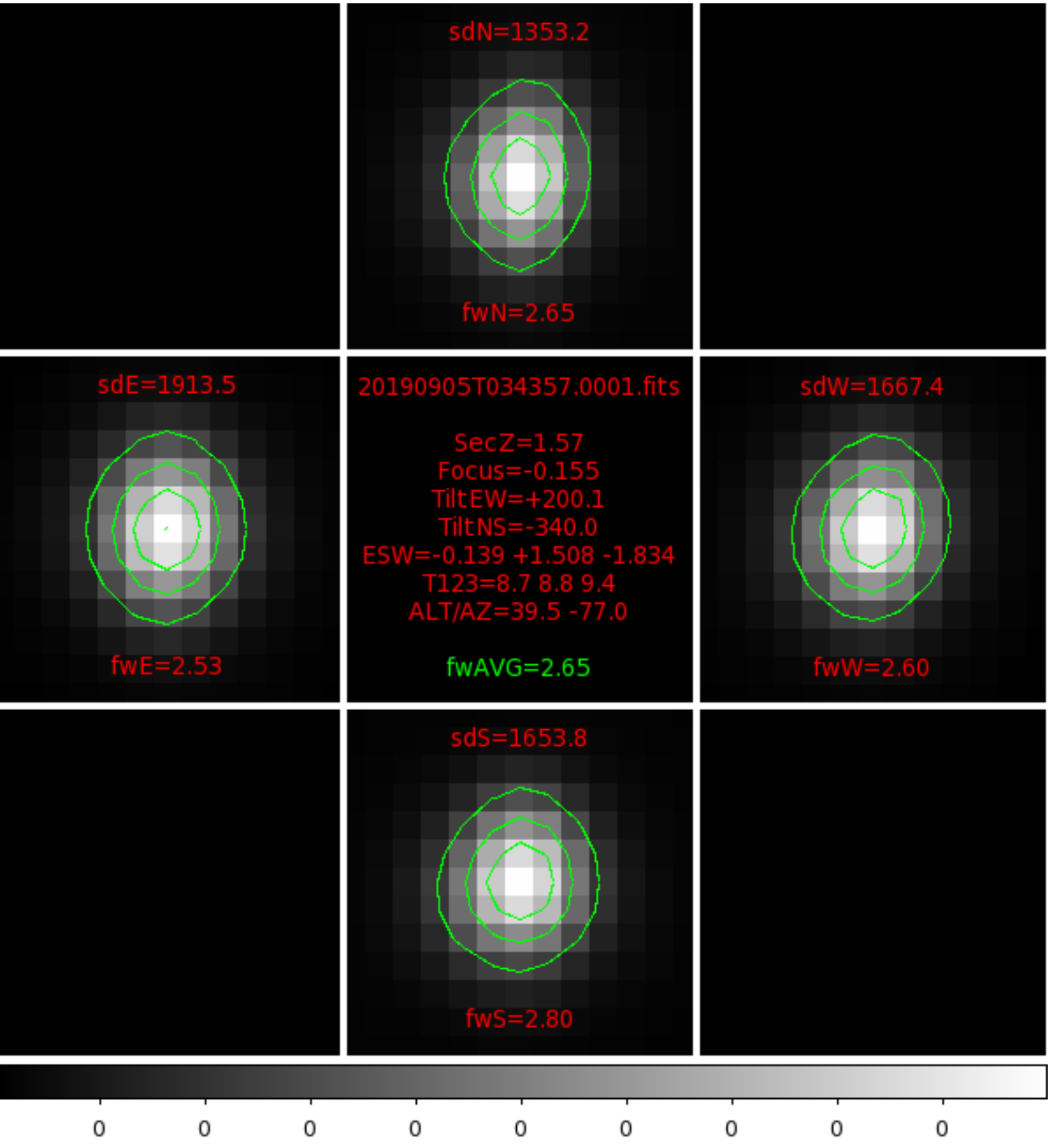
sdN=1353.2
fwN=2.65
sdE=1913.5
fwE=2.53
20190905T034357.0001.fits
SecZ=1.57
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.7 8.8 9.4
ALT/AZ=39.5 -77.0
fwAVG=2.65
sdW=1667.4
fwW=2.60
sdS=1653.8
fwS=2.80
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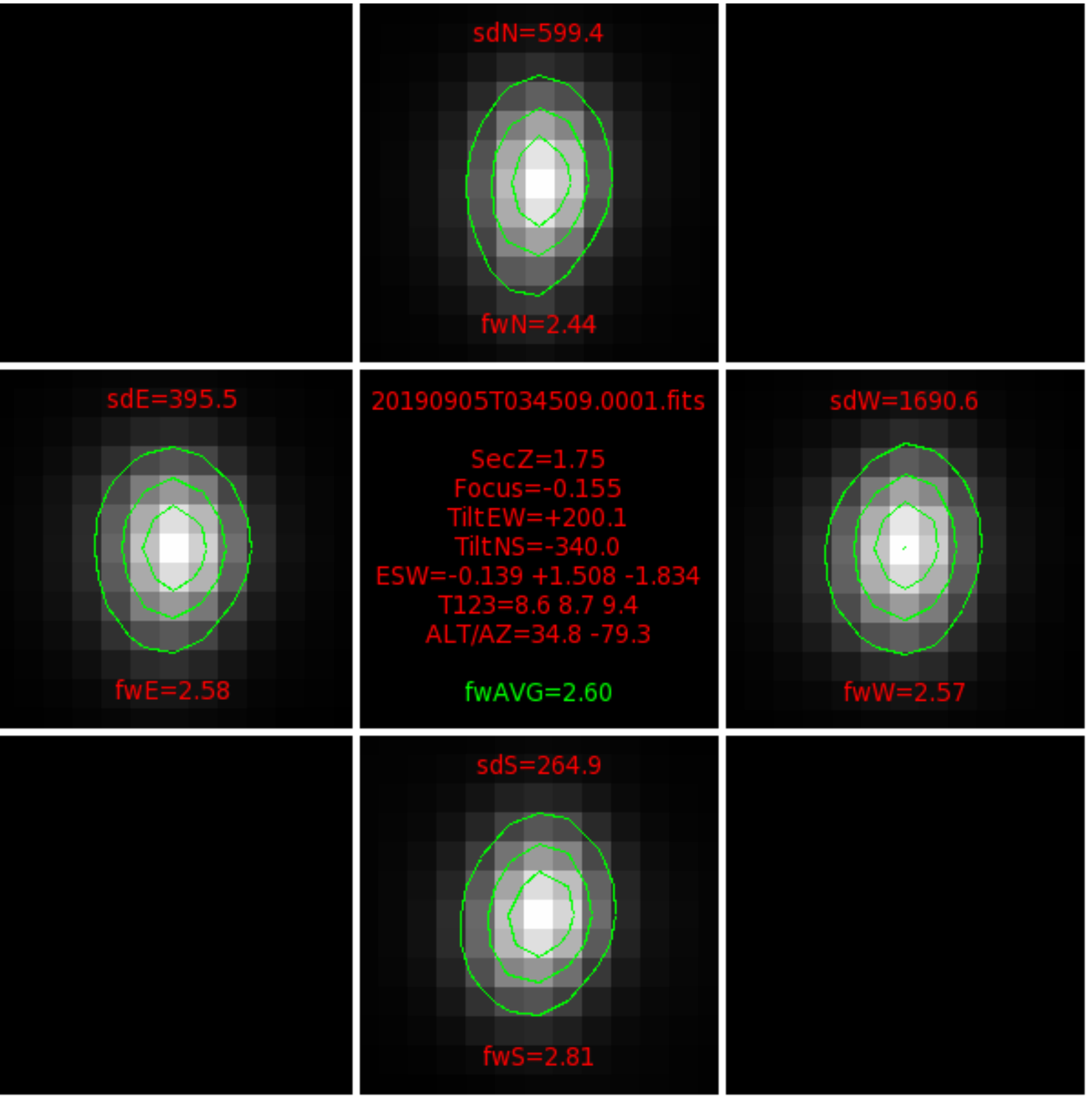
sdN=599.4
fwN=2.44
sdE=395.5
fwE=2.58
20190905T034509.0001.fits
SecZ=1.75
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.7 9.4
ALT/AZ=34.8 -79.3
fwAVG=2.60
sdW=1690.6
fwW=2.57
sdS=264.9
fwS=2.81
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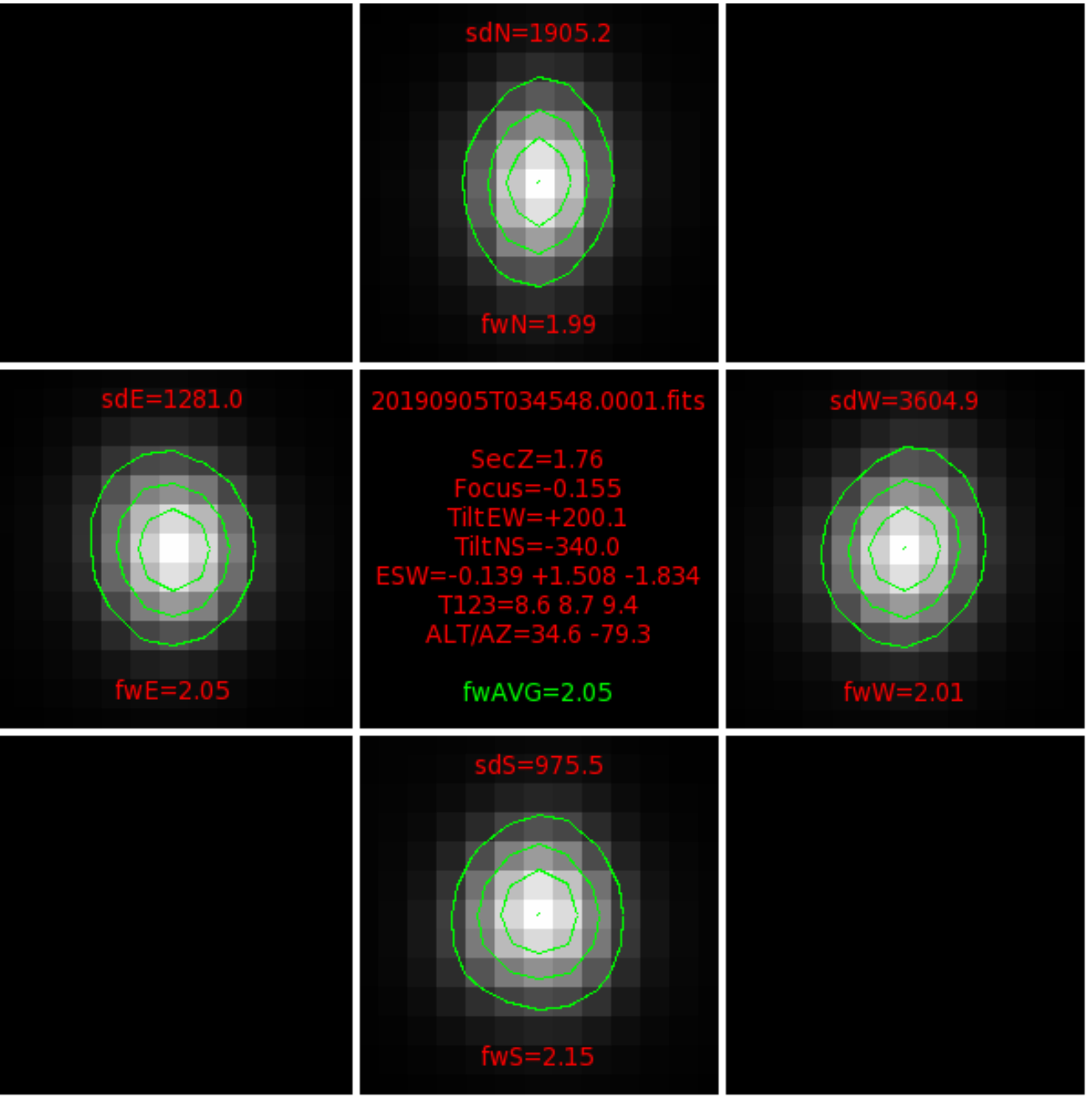
sdN=1905.2
fwN=1.99
sdE=1281.0
fwE=2.05
20190905T034548.0001.fits
SecZ=1.76
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.7 9.4
ALT/AZ=34.6 -79.3
fwAVG=2.05
sdW=3604.9
fwW=2.01
sdS=975.5
fwS=2.15
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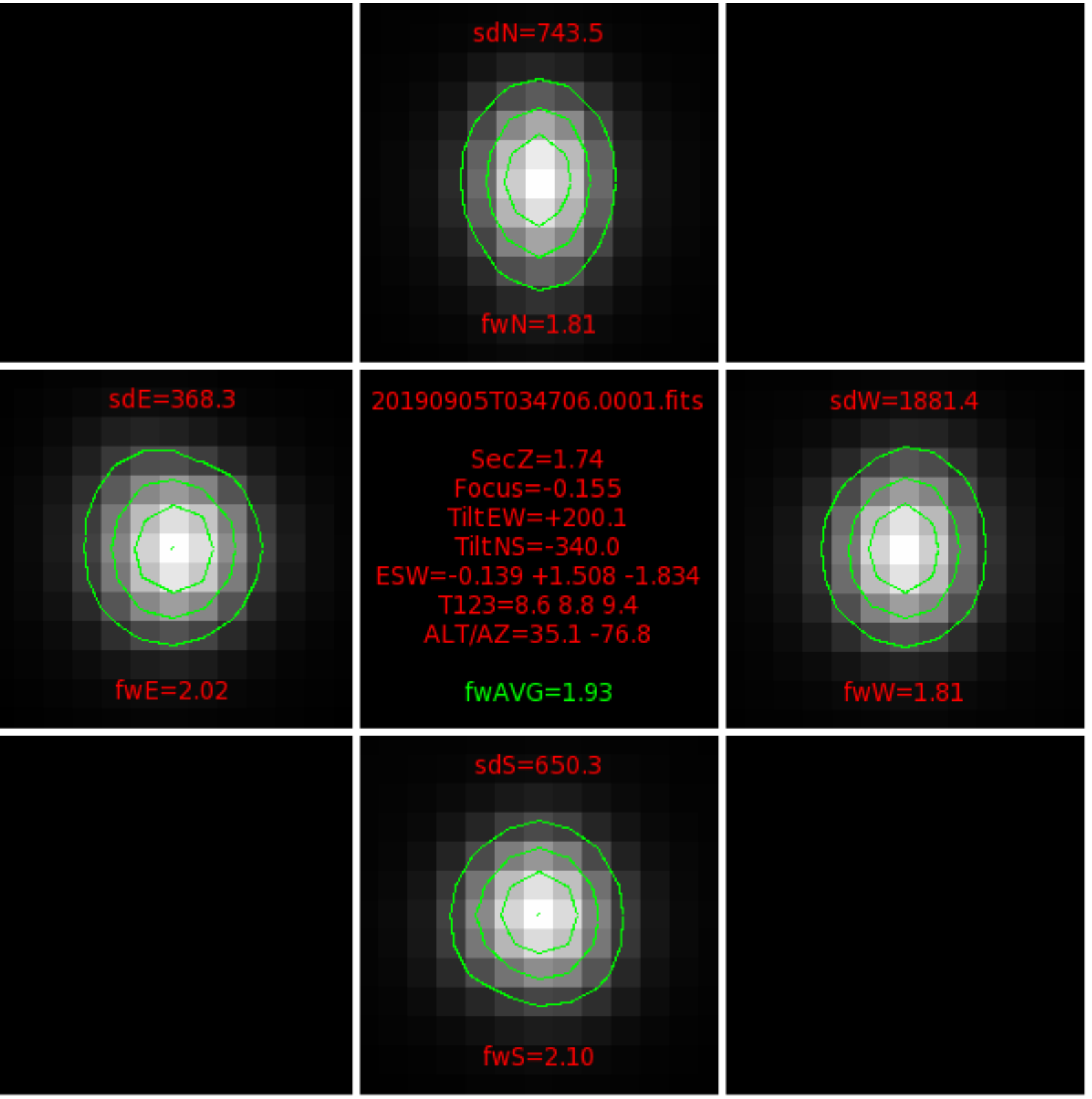
sdN=743.5
fwN=1.81
sdE=368.3
fwE=2.02
20190905T034706.0001.fits
SecZ=1.74
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.8 9.4
ALT/AZ=35.1 -76.8
fwAVG=1.93
sdW=1881.4
fwW=1.81
sdS=650.3
fwS=2.10
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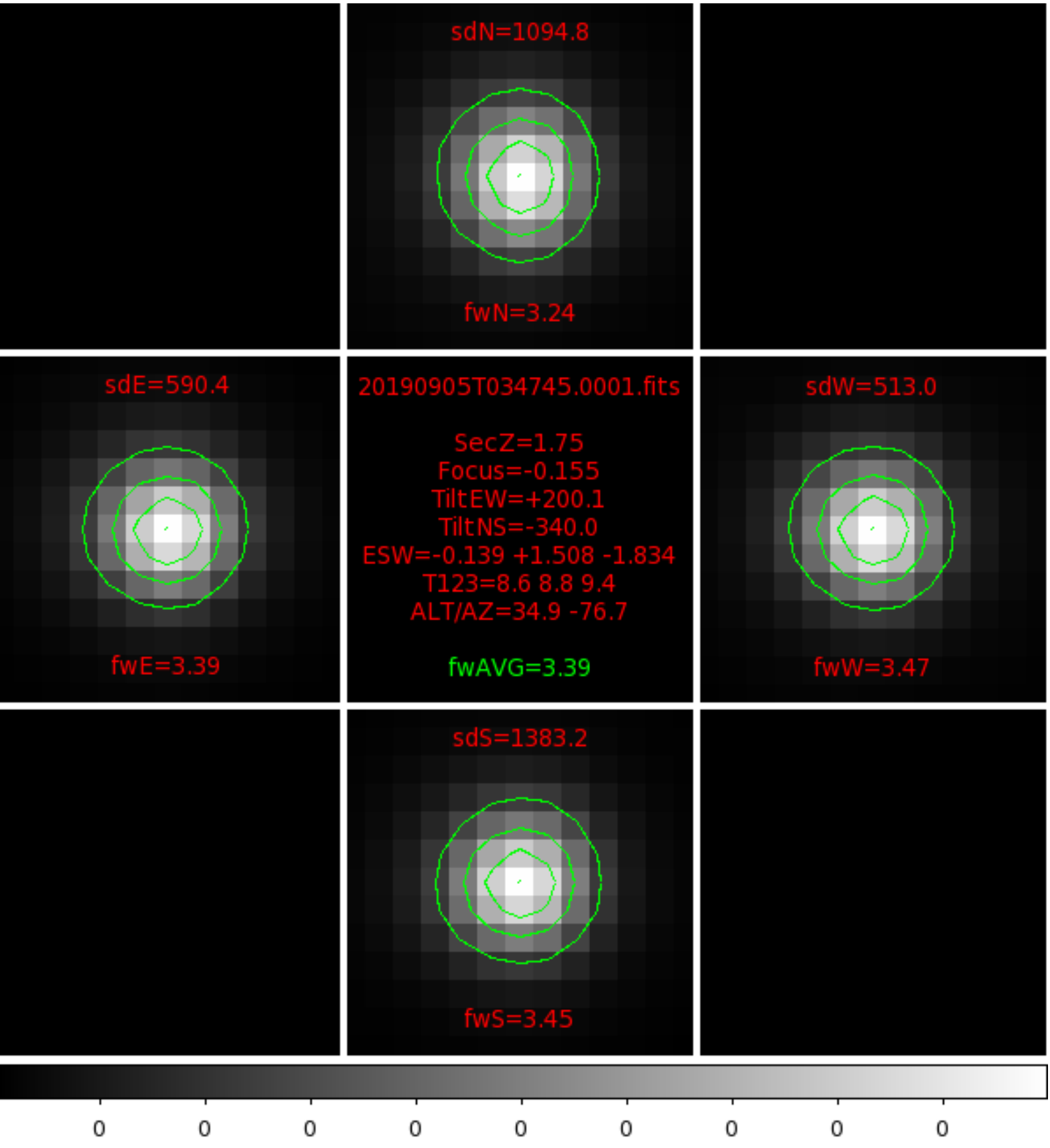
sdN=1094.8
fwN=3.24
sdE=590.4
fwE=3.39
20190905T034745.0001.fits
SecZ=1.75
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.8 9.4
ALT/AZ=34.9 -76.7
fwAVG=3.39
sdW=513.0
fwW=3.47
sdS=1383.2
fwS=3.45
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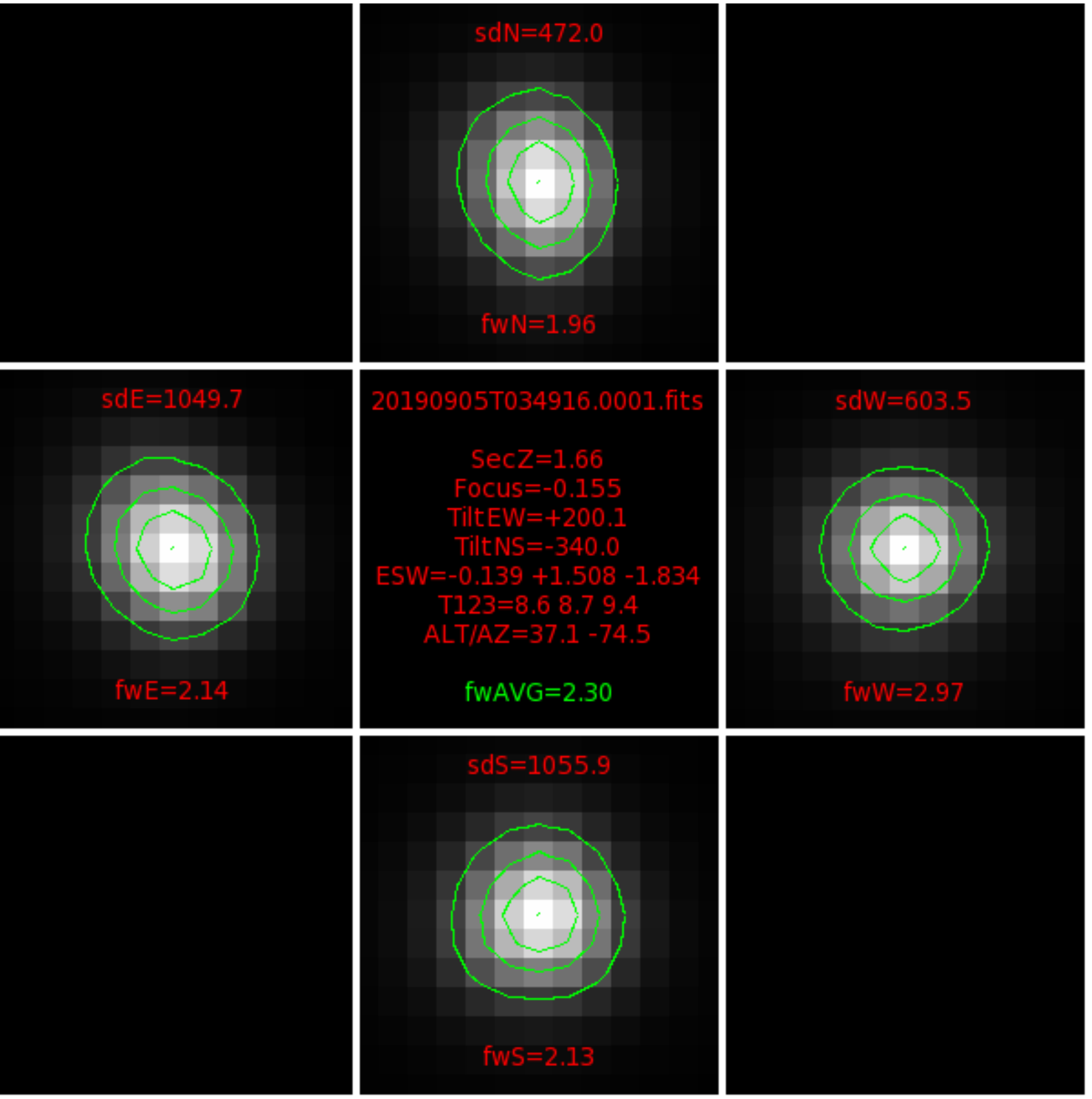
sdN=472.0
fwN=1.96
sdE=1049.7
fwE=2.14
20190905T034916.0001.fits
SecZ=1.66
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.7 9.4
ALT/AZ=37.1 -74.5
fwAVG=2.30
sdW=603.5
fwW=2.97
sdS=1055.9
fwS=2.13
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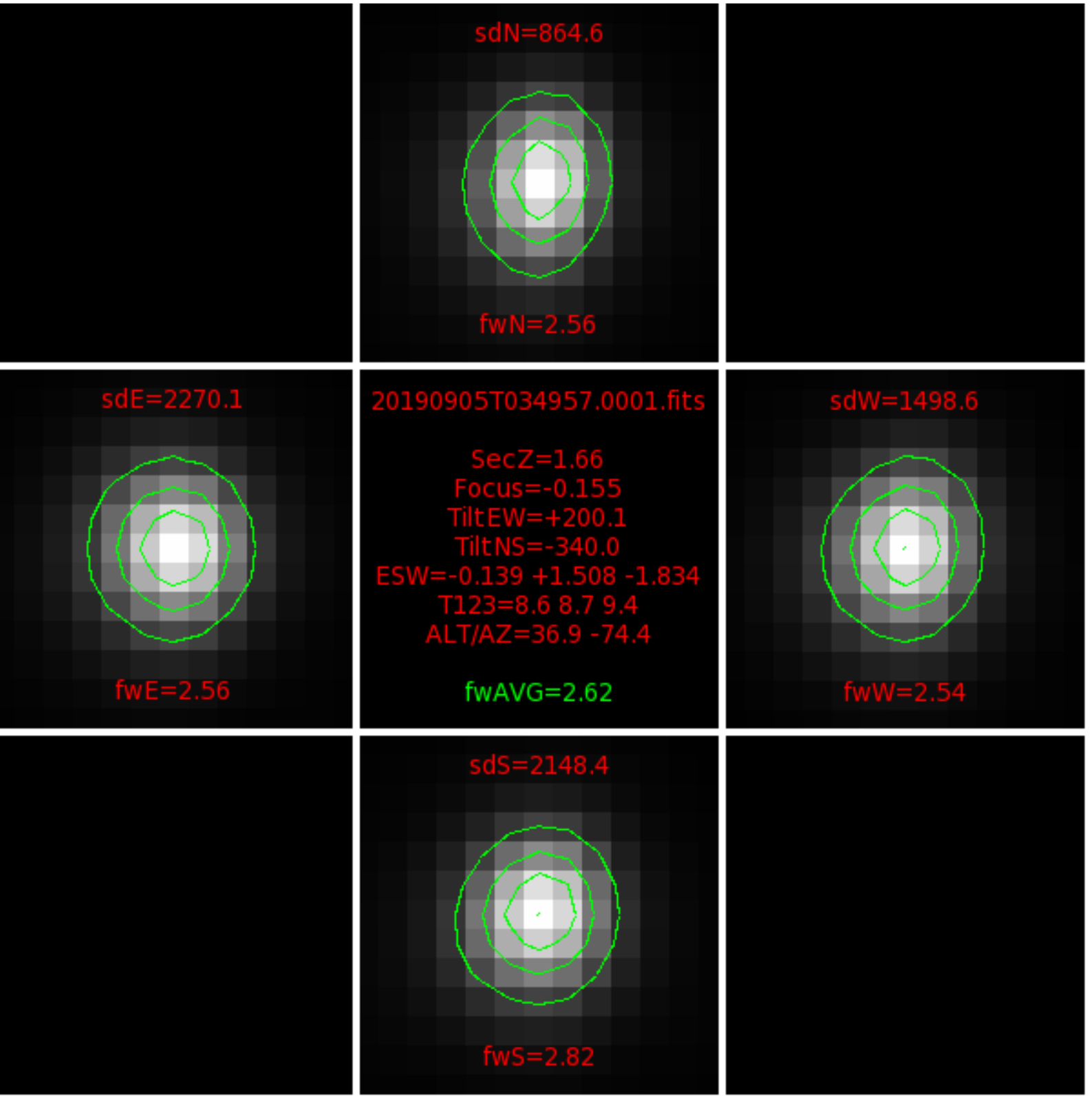
sdN=864.6
fwN=2.56
sdE=2270.1
fwE=2.56
20190905T034957.0001.fits
SecZ=1.66
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.7 9.4
ALT/AZ=36.9 -74.4
fwAVG=2.62
sdW=1498.6
fwW=2.54
sdS=2148.4
fwS=2.82
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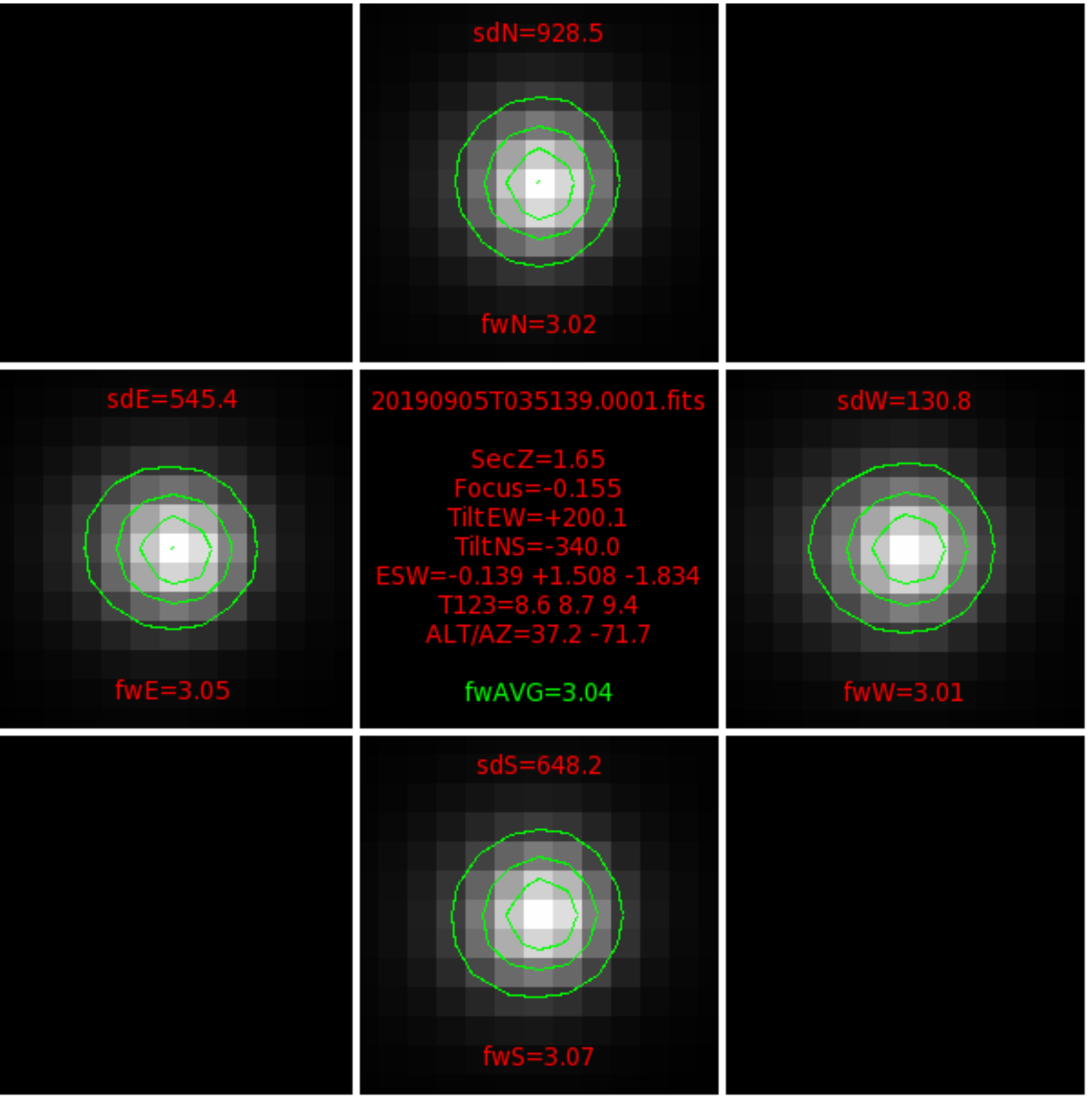
sdN=928.5
fwN=3.02
sdE=545.4
fwE=3.05
20190905T035139.0001.fits
SecZ=1.65
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.7 9.4
ALT/AZ=37.2 -71.7
fwAVG=3.04
sdW=130.8
fwW=3.01
sdS=648.2
fwS=3.07
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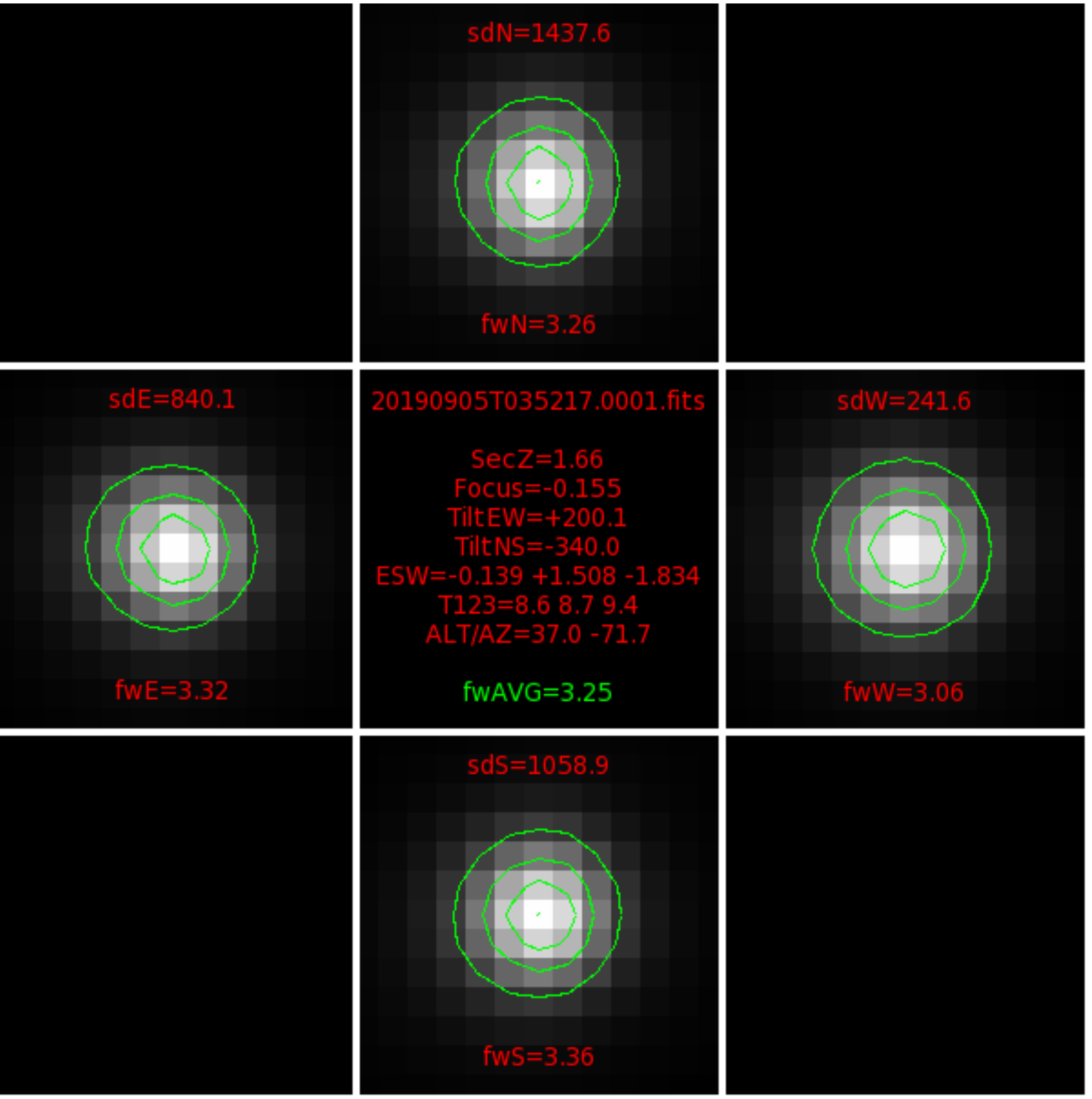
sdN=1437.6
fwN=3.26
sdE=840.1
fwE=3.32
20190905T035217.0001.fits
SecZ=1.66
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.7 9.4
ALT/AZ=37.0 -71.7
fwAVG=3.25
sdW=241.6
fwW=3.06
sdS=1058.9
fwS=3.36
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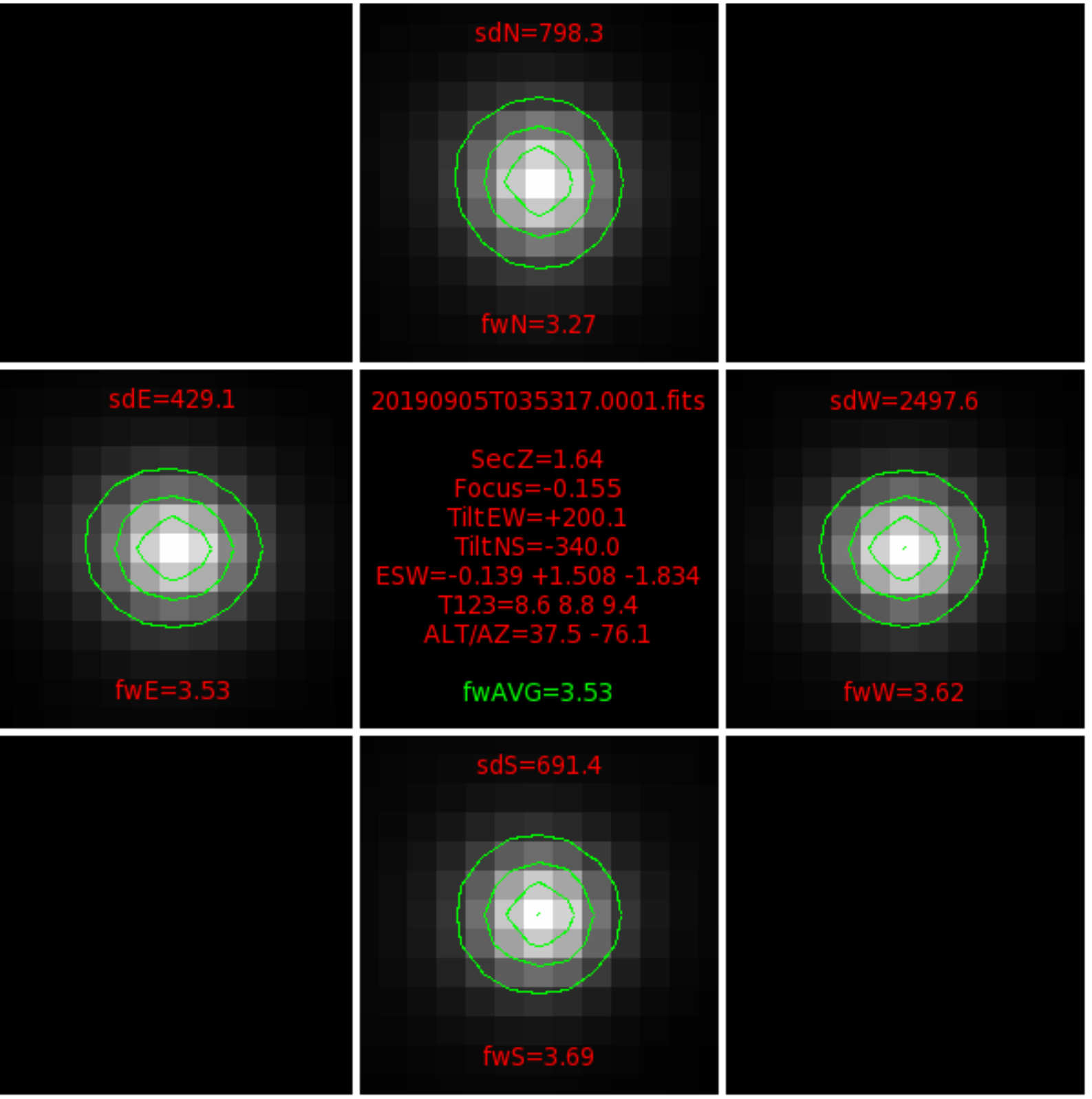
sdN=798.3
fwN=3.27
sdE=429.1
fwE=3.53
20190905T035317.0001.fits
SecZ=1.64
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.8 9.4
ALT/AZ=37.5 -76.1
fwAVG=3.53
sdW=2497.6
fwW=3.62
sdS=691.4
fwS=3.69
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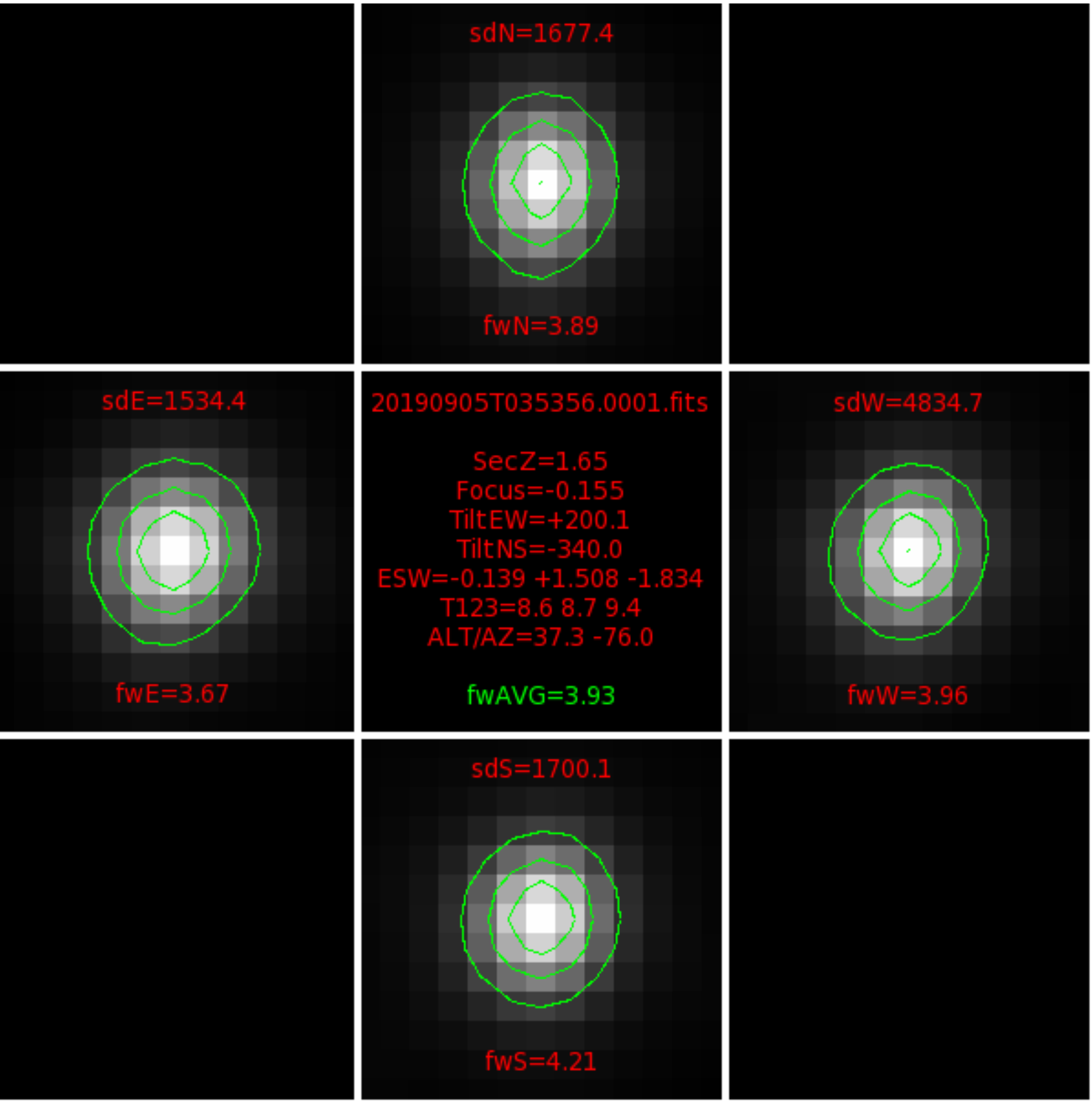
sdN=1677.4
fwN=3.89
sdE=1534.4
fwE=3.67
20190905T035356.0001.fits
SecZ=1.65
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.7 9.4
ALT/AZ=37.3 -76.0
fwAVG=3.93
sdW=4834.7
fwW=3.96
sdS=1700.1
fwS=4.21
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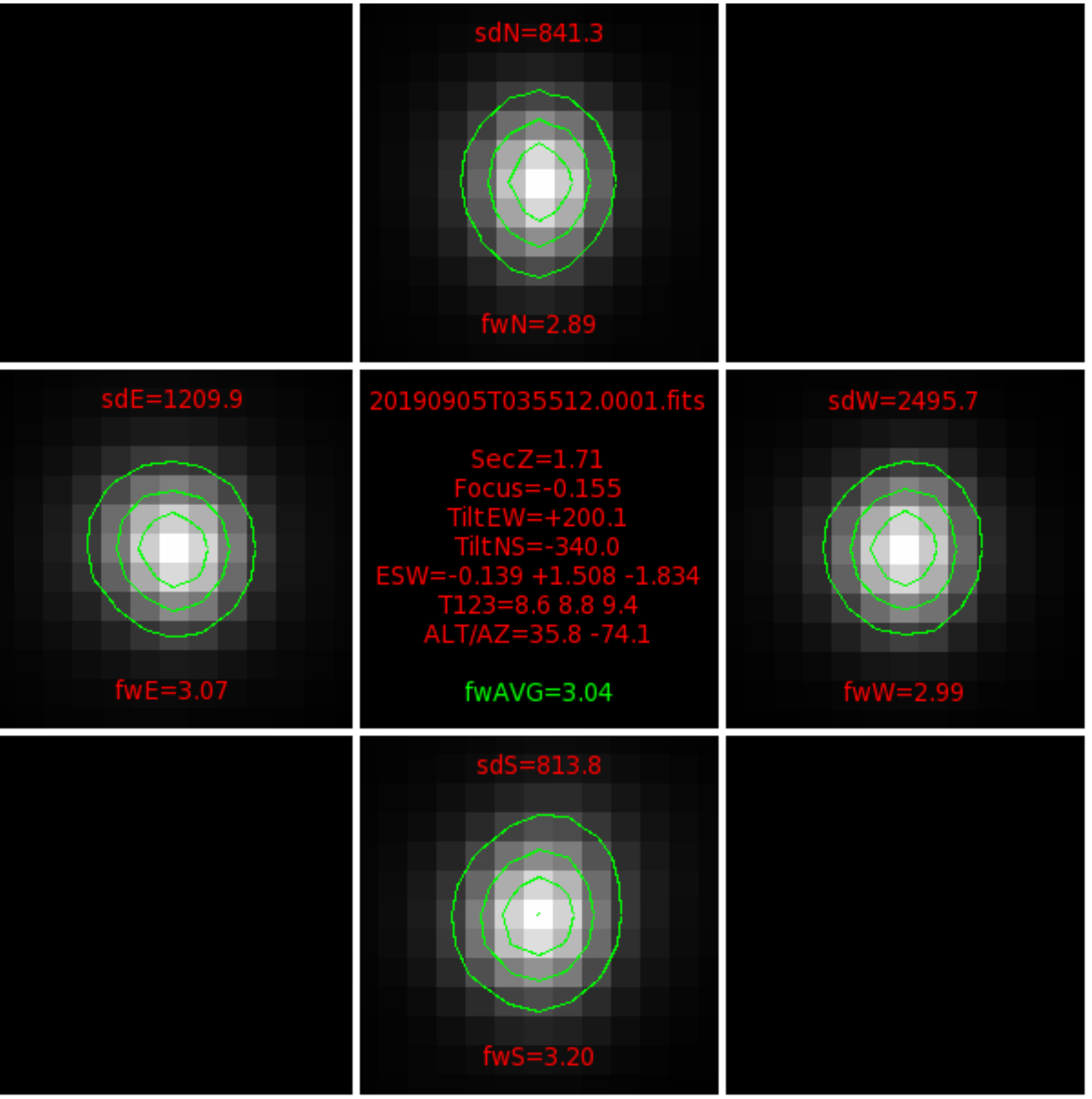
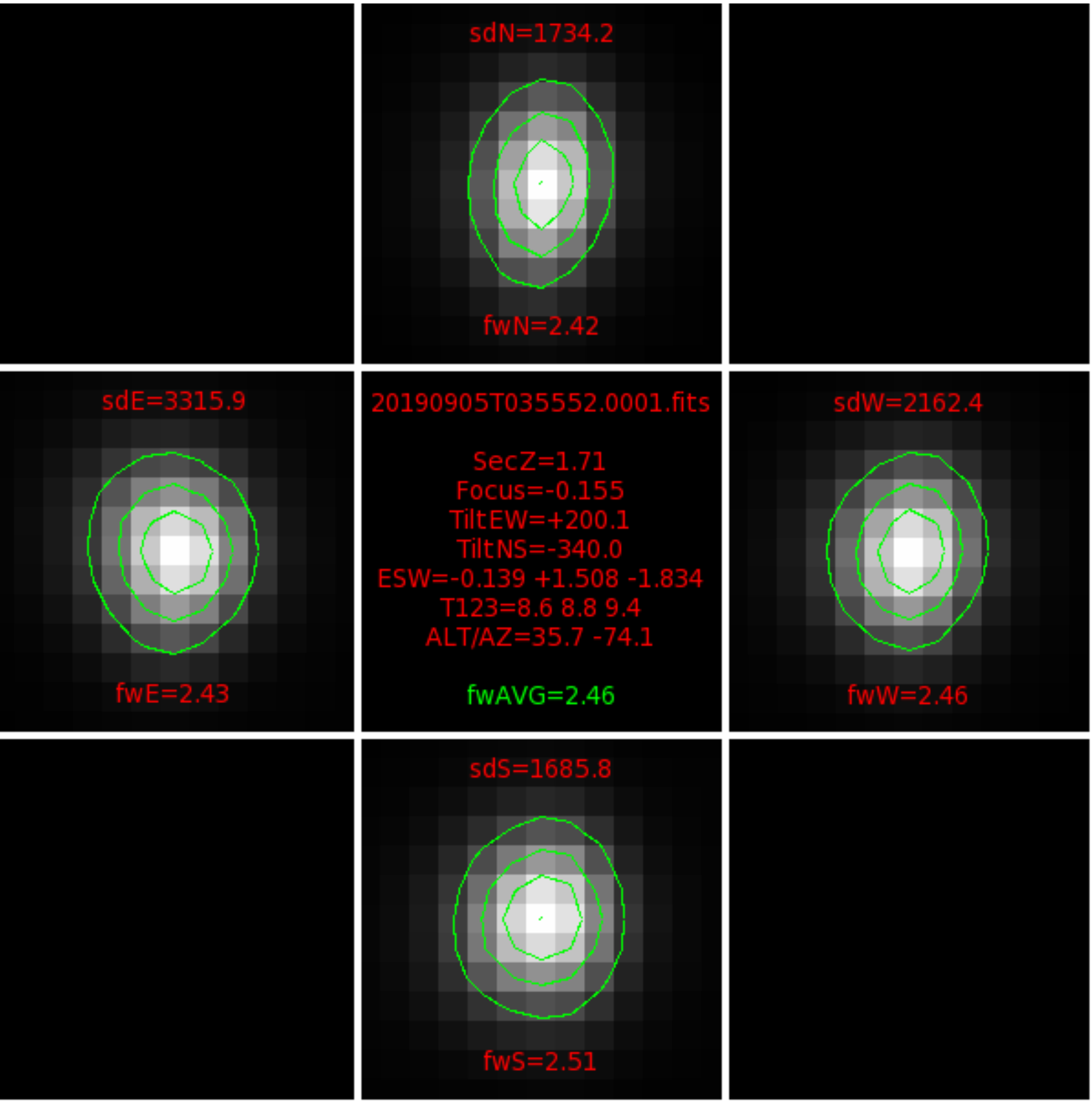

sdN=841.3
fwN=2.89
sdE=1209.9
fwE=3.07
20190905T035512.0001.fits
SecZ=1.71
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.8 9.4
ALT/AZ=35.8 -74.1
fwAVG=3.04
sdW=2495.7
fwW=2.99
sdS=813.8
fwS=3.20
0 0 0 0 0 0 0 0 0


sdN=1734.2
fwN=2.42
sdE=3315.9
fwE=2.43
20190905T035552.0001.fits
SecZ=1.71
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.8 9.4
ALT/AZ=35.7 -74.1
fwAVG=2.46
sdW=2162.4
fwW=2.46
sdS=1685.8
fwS=2.51
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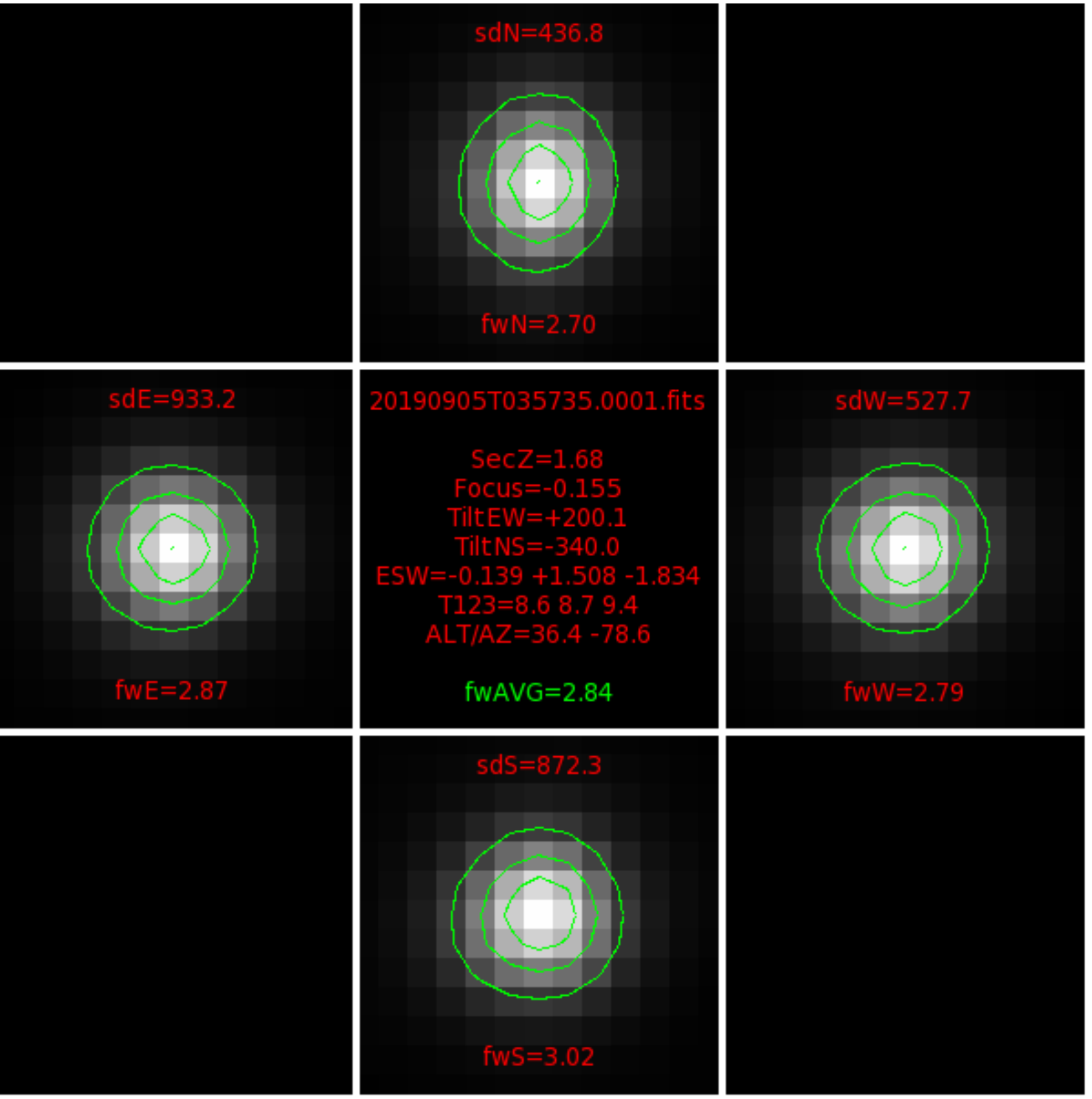
sdN=436.8
fwN=2.70
sdE=933.2
fwE=2.87
20190905T035735.0001.fits
SecZ=1.68
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.7 9.4
ALT/AZ=36.4 -78.6
fwAVG=2.84
sdW=527.7
fwW=2.79
sdS=872.3
fwS=3.02
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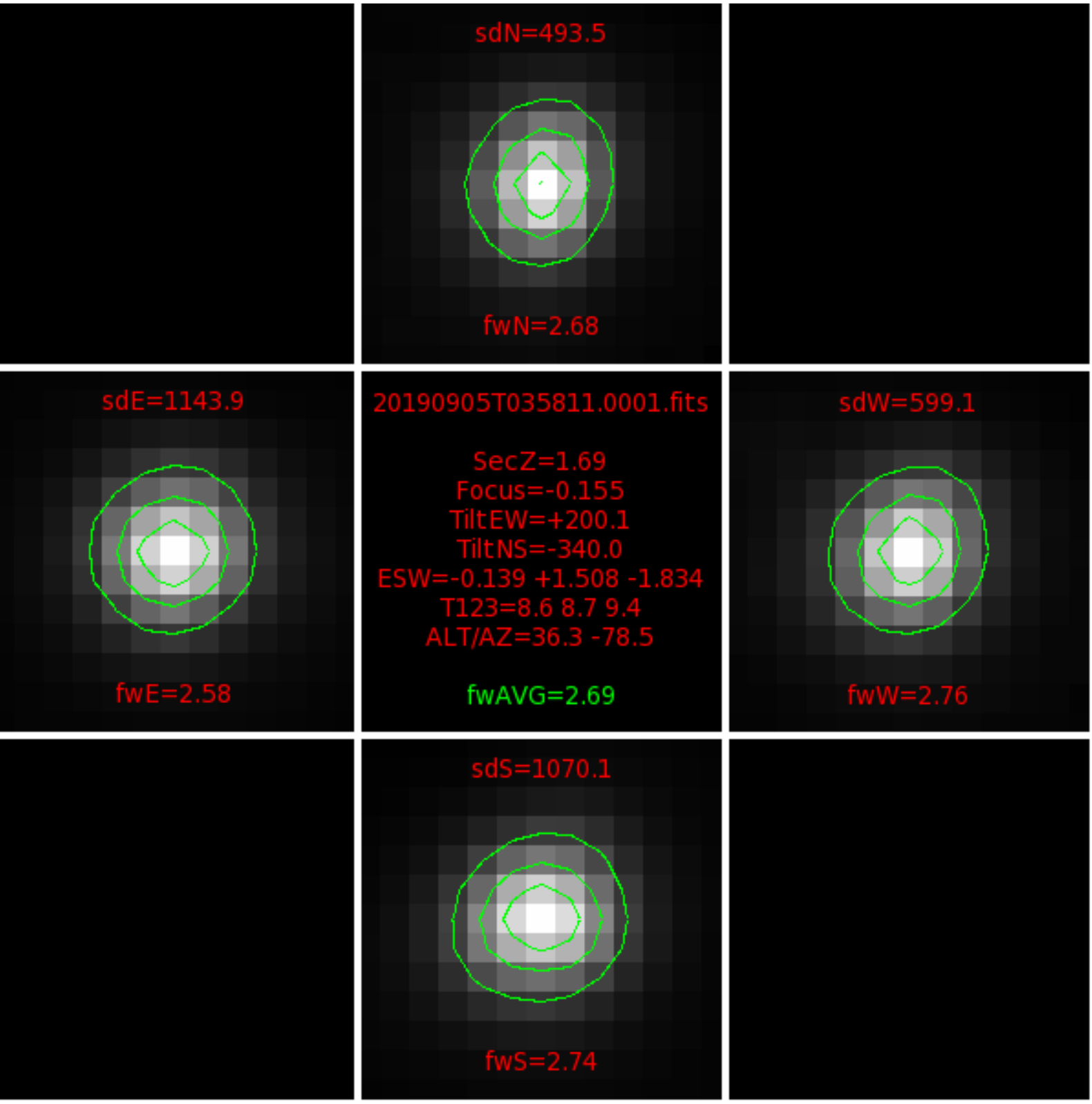
sdN=493.5
fwN=2.68
sdE=1143.9
fwE=2.58
20190905T035811.0001.fits
SecZ=1.69
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.7 9.4
ALT/AZ=36.3 -78.5
fwAVG=2.69
sdW=599.1
fwW=2.76
sdS=1070.1
fwS=2.74
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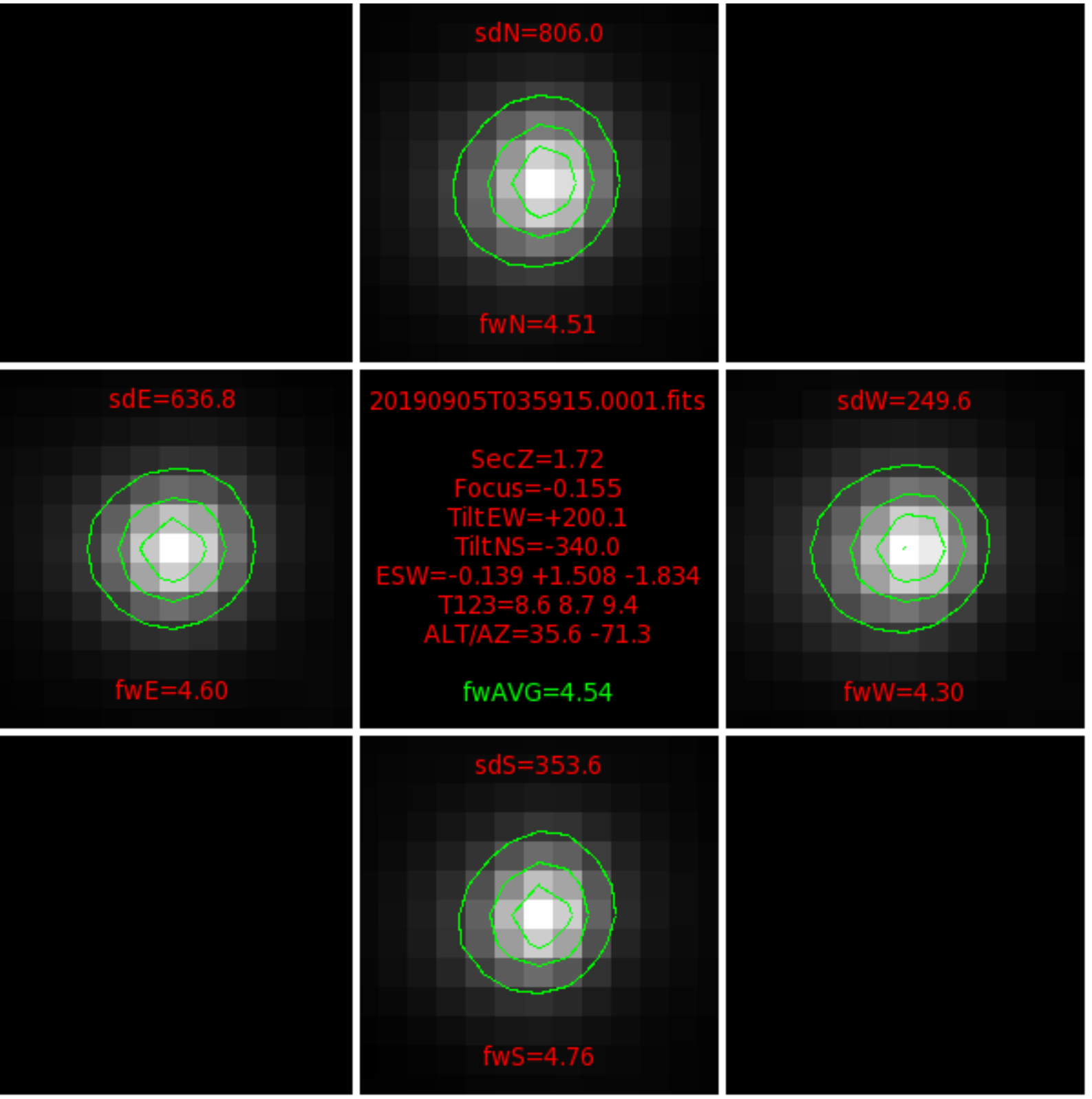
sdN=806.0
fwN=4.51
sdE=636.8
fwE=4.60
20190905T035915.0001.fits
SecZ=1.72
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.7 9.4
ALT/AZ=35.6 -71.3
fwAVG=4.54
sdW=249.6
fwW=4.30
sdS=353.6
fwS=4.76
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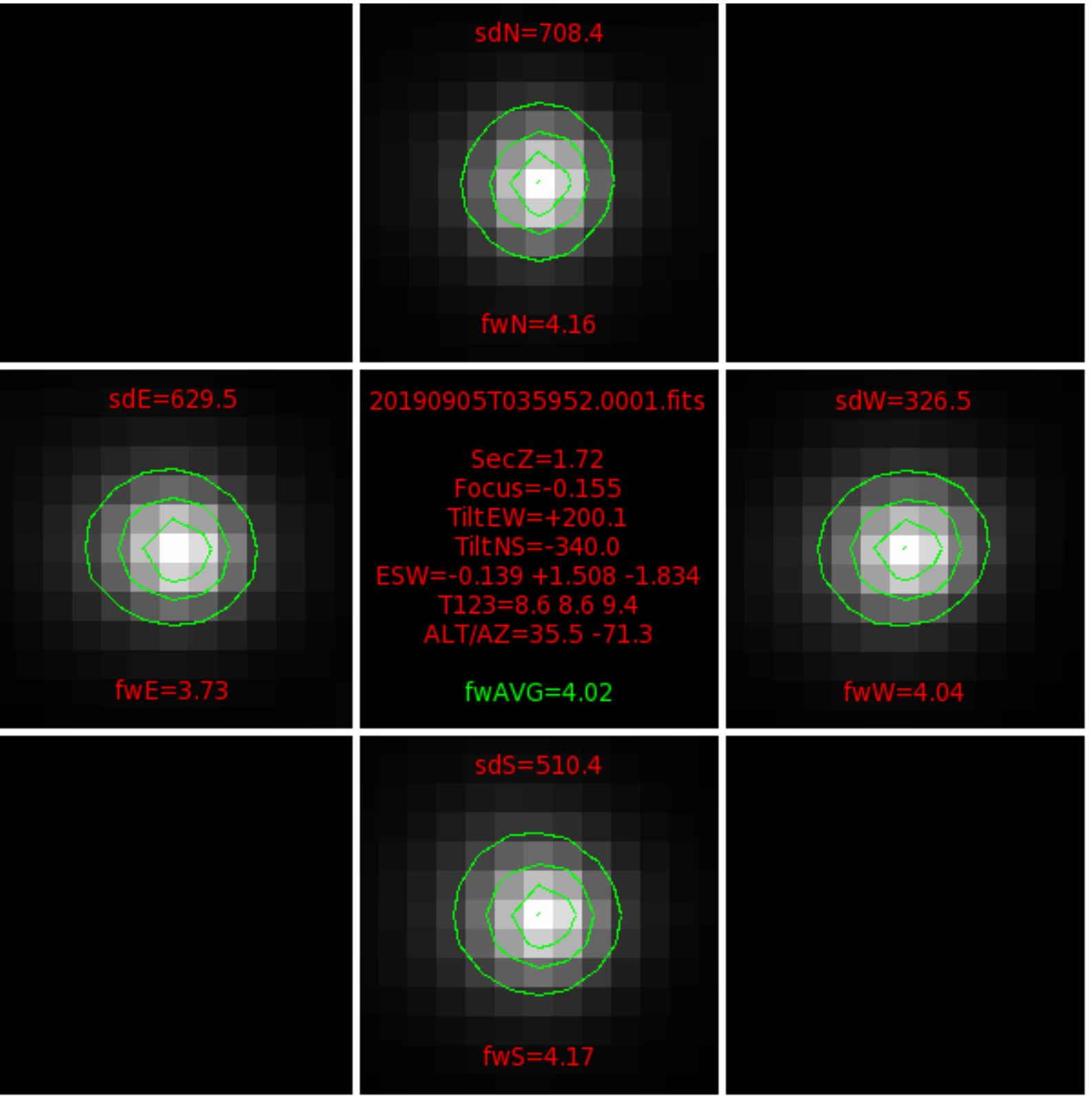
sdN=708.4
fwN=4.16
sdE=629.5
fwE=3.73
20190905T035952.0001.fits
SecZ=1.72
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=8.6 8.6 9.4
ALT/AZ=35.5 -71.3
fwAVG=4.02
sdW=326.5
fwW=4.04
sdS=510.4
fwS=4.17
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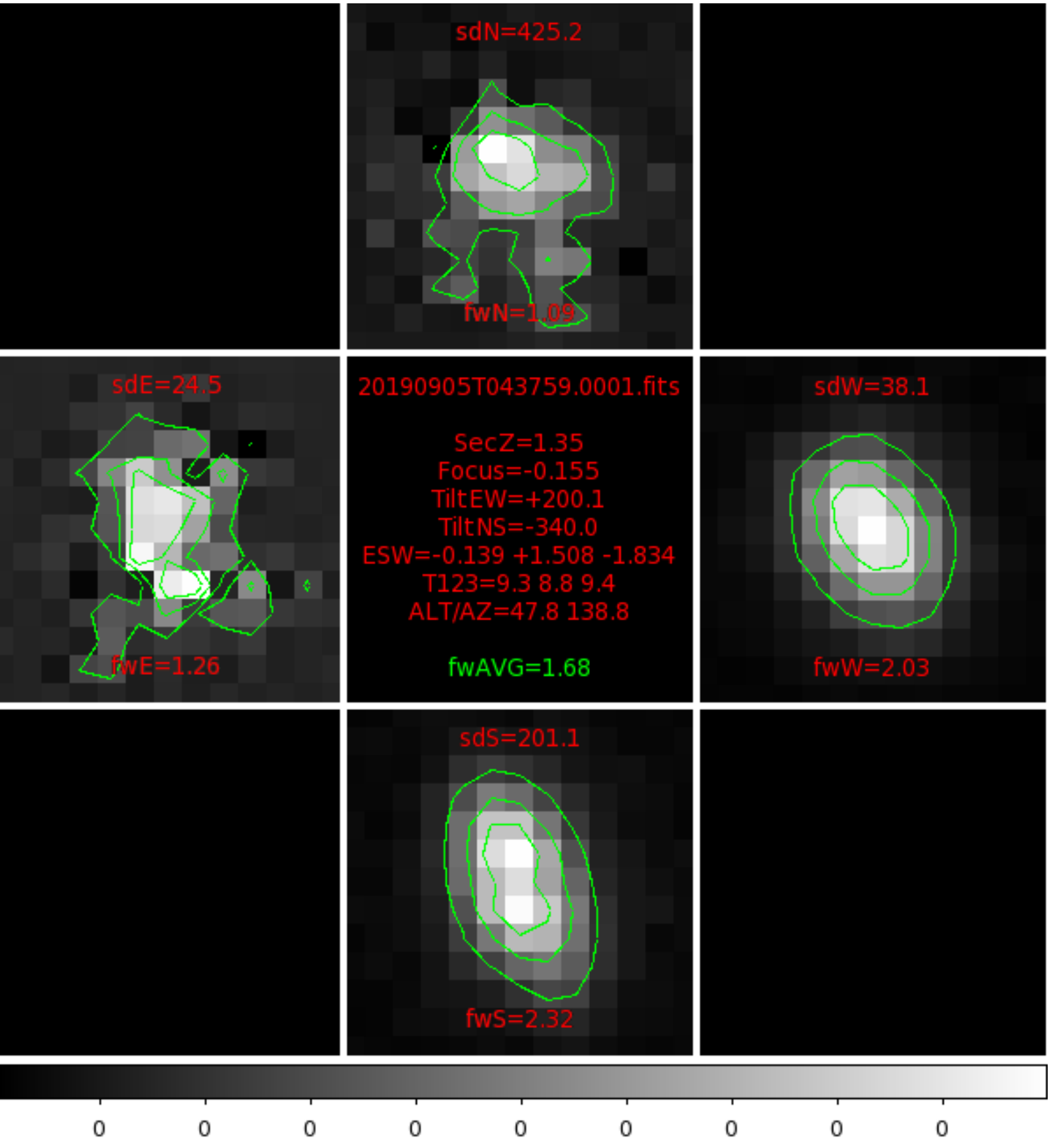
sdN=425.2
fwN=1.09
sdE=24.5
fwE=1.26
20190905T043759.0001.fits
SecZ=1.35
Focus=-0.155
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.139 +1.508 -1.834
T123=9.3 8.8 9.4
ALT/AZ=47.8 138.8
fwAVG=1.68
sdW=38.1
fwW=2.03
sdS=201.1
fwS=2.32
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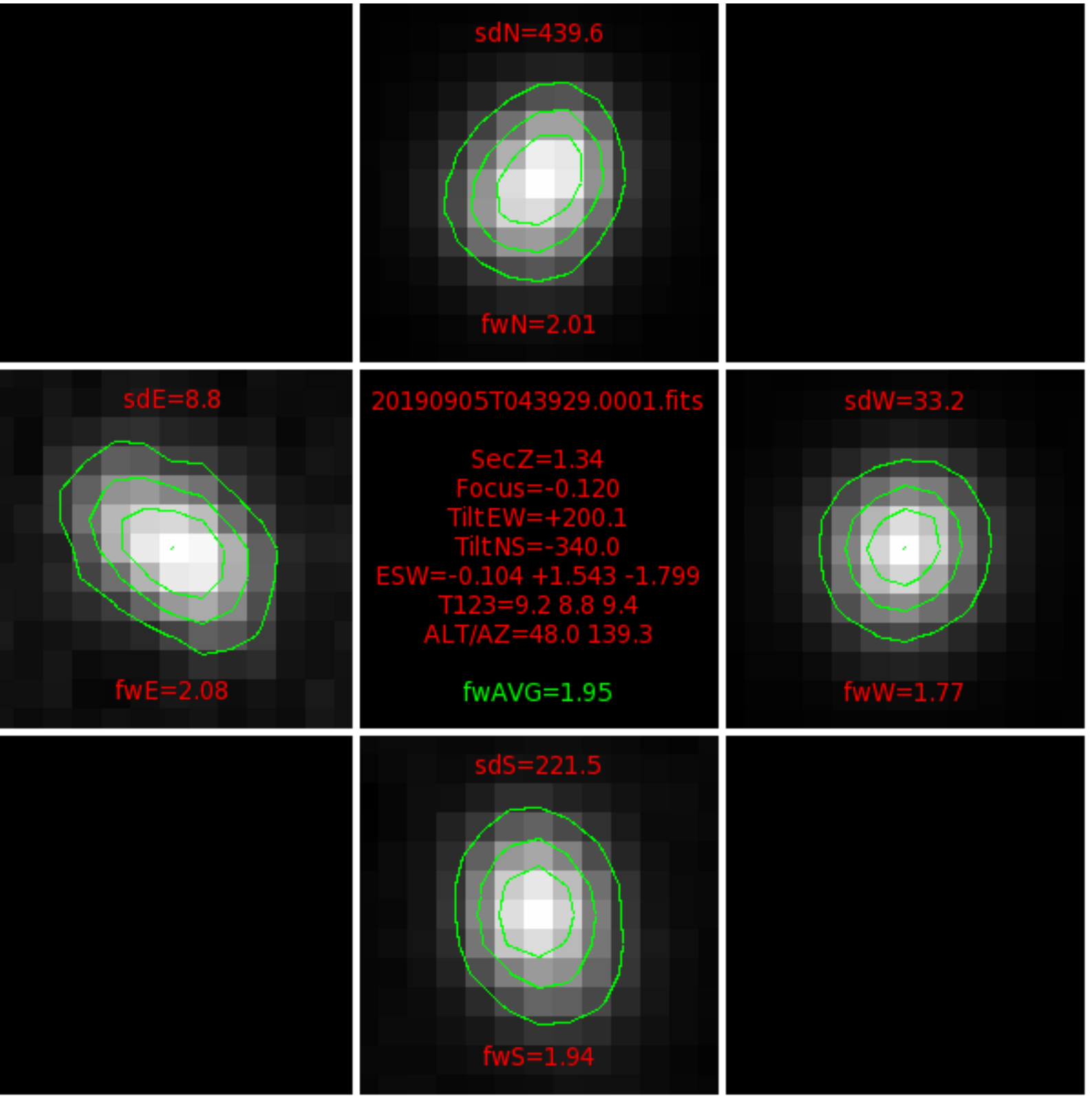
sdN=439.6
fwN=2.01
sdE=8.8
fwE=2.08
20190905T043929.0001.fits
SecZ=1.34
Focus=-0.120
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.104 +1.543 -1.799
T123=9.2 8.8 9.4
ALT/AZ=48.0 139.3
fwAVG=1.95
sdW=33.2
fwW=1.77
sdS=221.5
fwS=1.94
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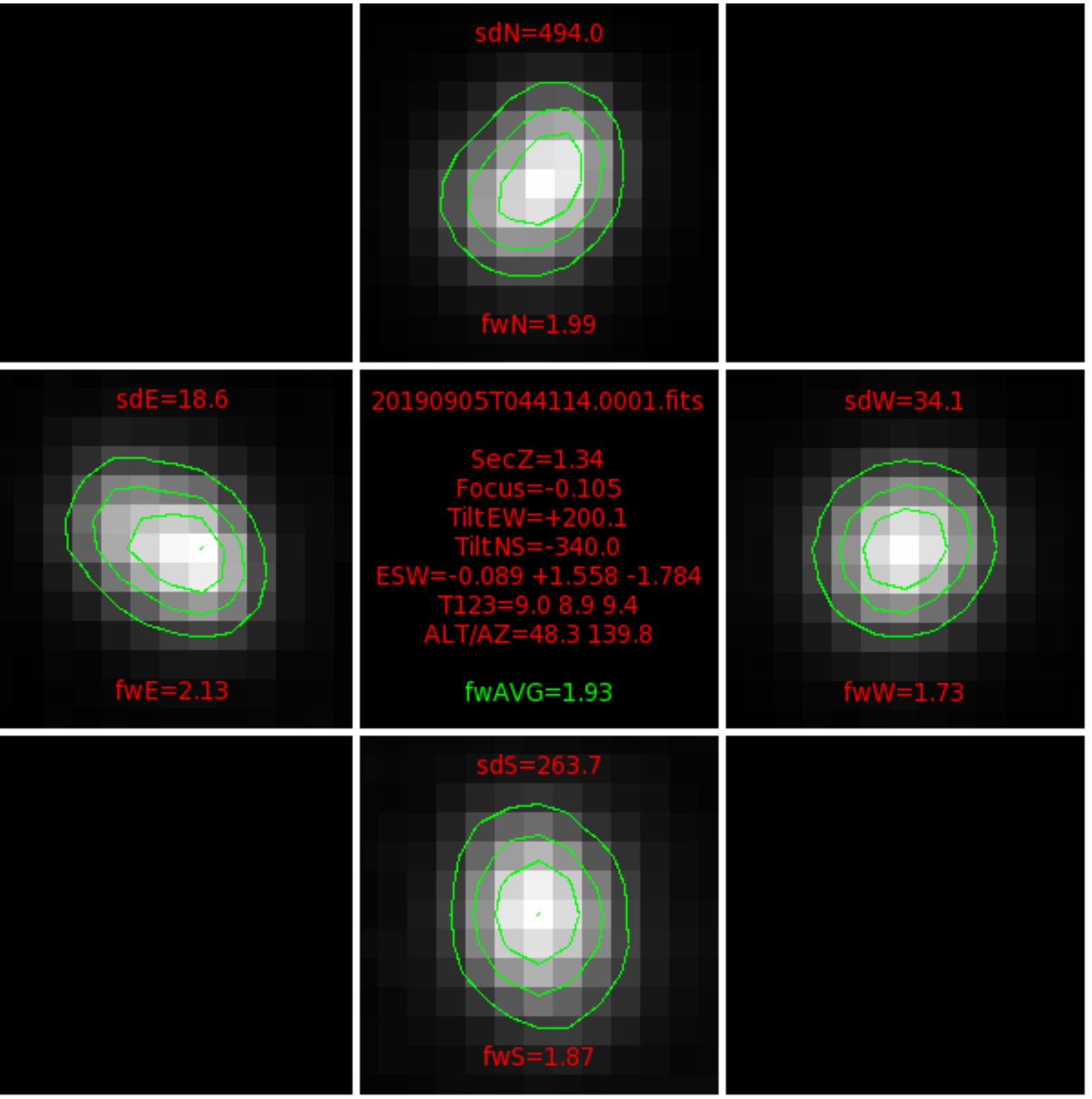
sdN=494.0
fwN=1.99
sdE=18.6
fwE=2.13
20190905T044114.0001.fits
SecZ=1.34
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.0 8.9 9.4
ALT/AZ=48.3 139.8
fwAVG=1.93
sdW=34.1
fwW=1.73
sdS=263.7
fwS=1.87
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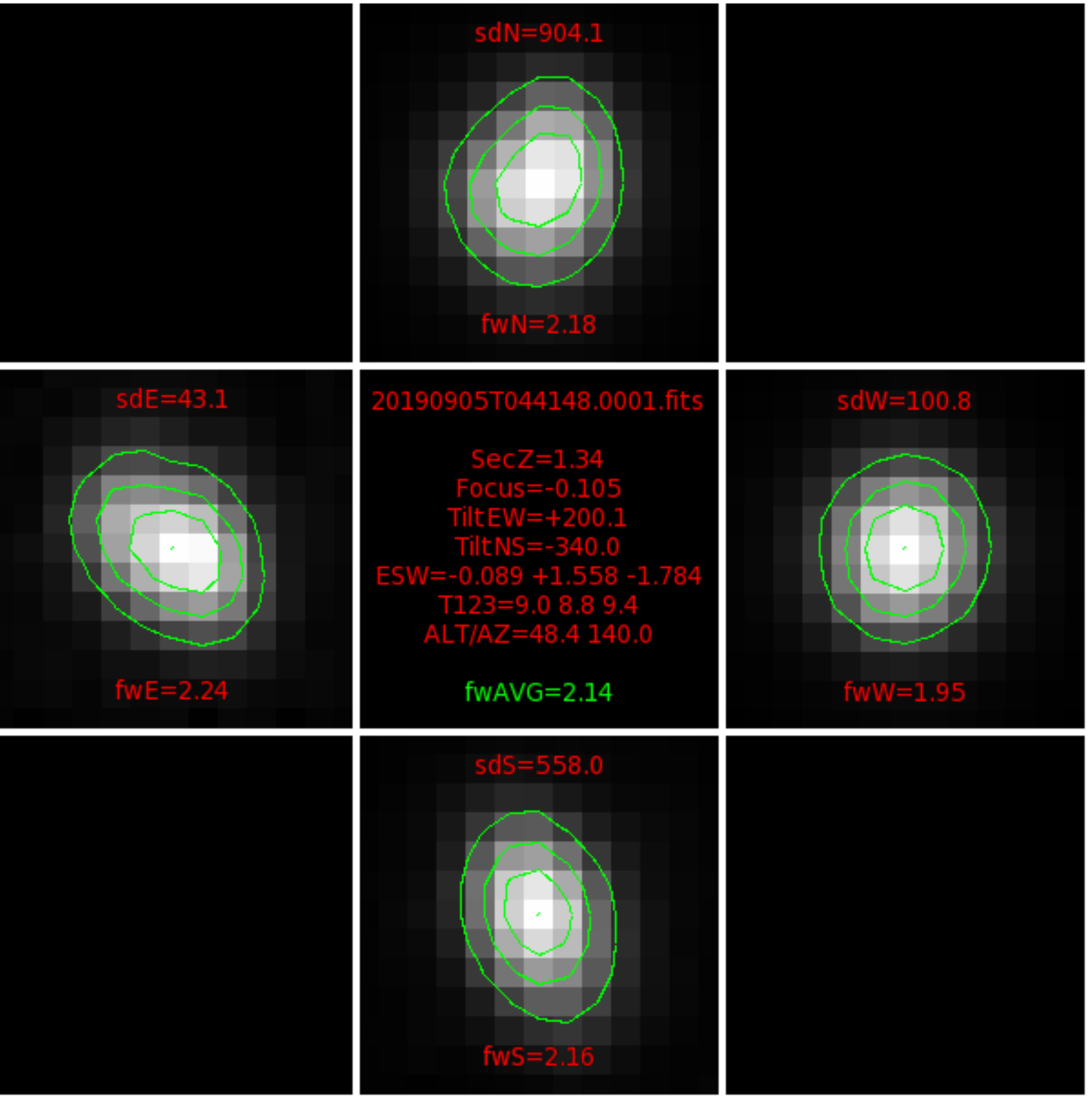
sdN=904.1
fwN=2.18
sdE=43.1
fwE=2.24
20190905T044148.0001.fits
SecZ=1.34
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.0 8.8 9.4
ALT/AZ=48.4 140.0
fwAVG=2.14
sdW=100.8
fwW=1.95
sdS=558.0
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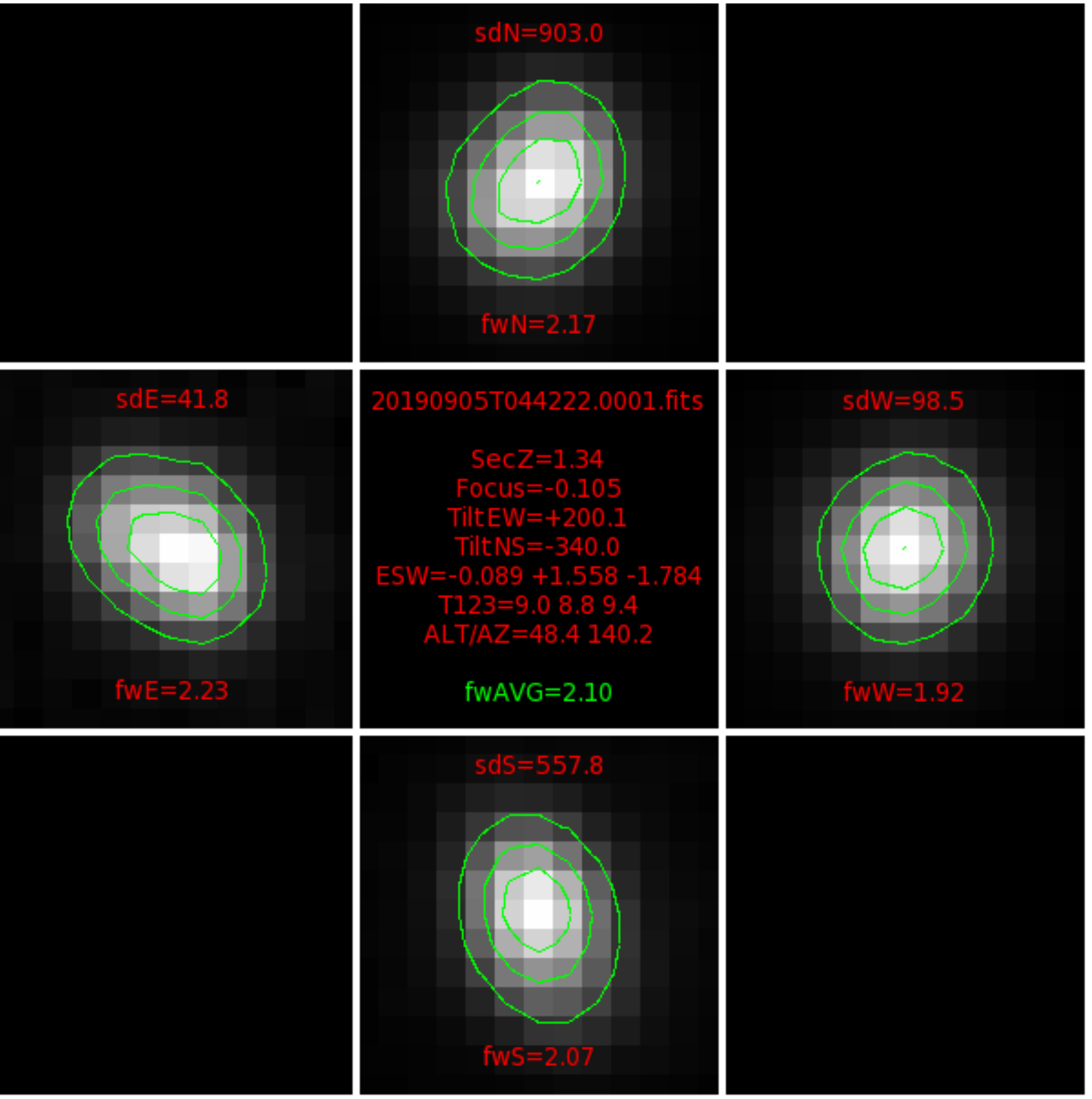
sdN=903.0
fwN=2.17
sdE=41.8
fwE=2.23
20190905T044222.0001.fits
SecZ=1.34
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.0 8.8 9.4
ALT/AZ=48.4 140.2
fwAVG=2.10
sdW=98.5
fwW=1.92
sdS=557.8
fwS=2.07
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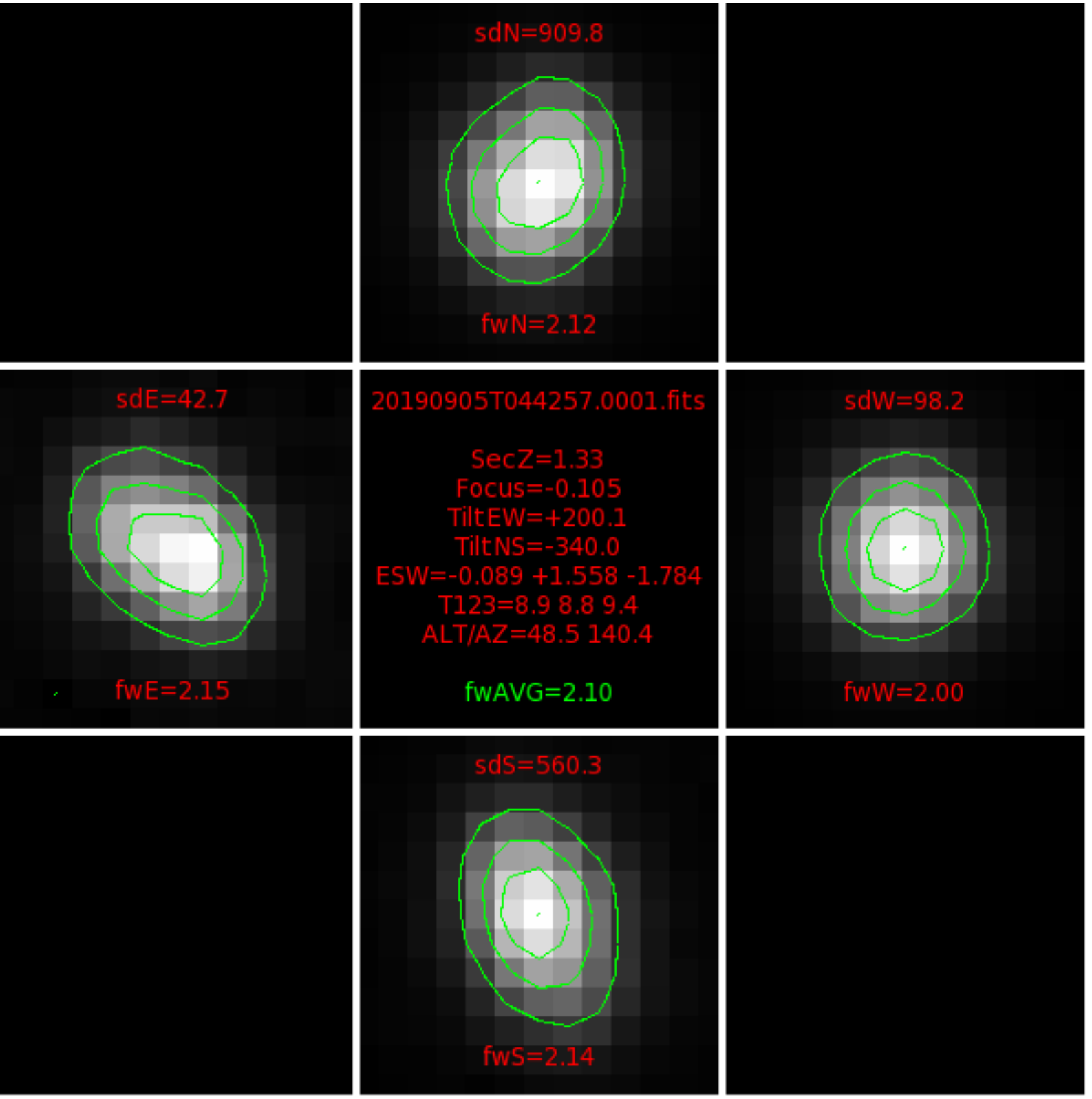
sdN=909.8
fwN=2.12
sdE=42.7
fwE=2.15
20190905T044257.0001.fits
SecZ=1.33
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.9 8.8 9.4
ALT/AZ=48.5 140.4
fwAVG=2.10
sdW=98.2
fwW=2.00
sdS=560.3
fwS=2.14
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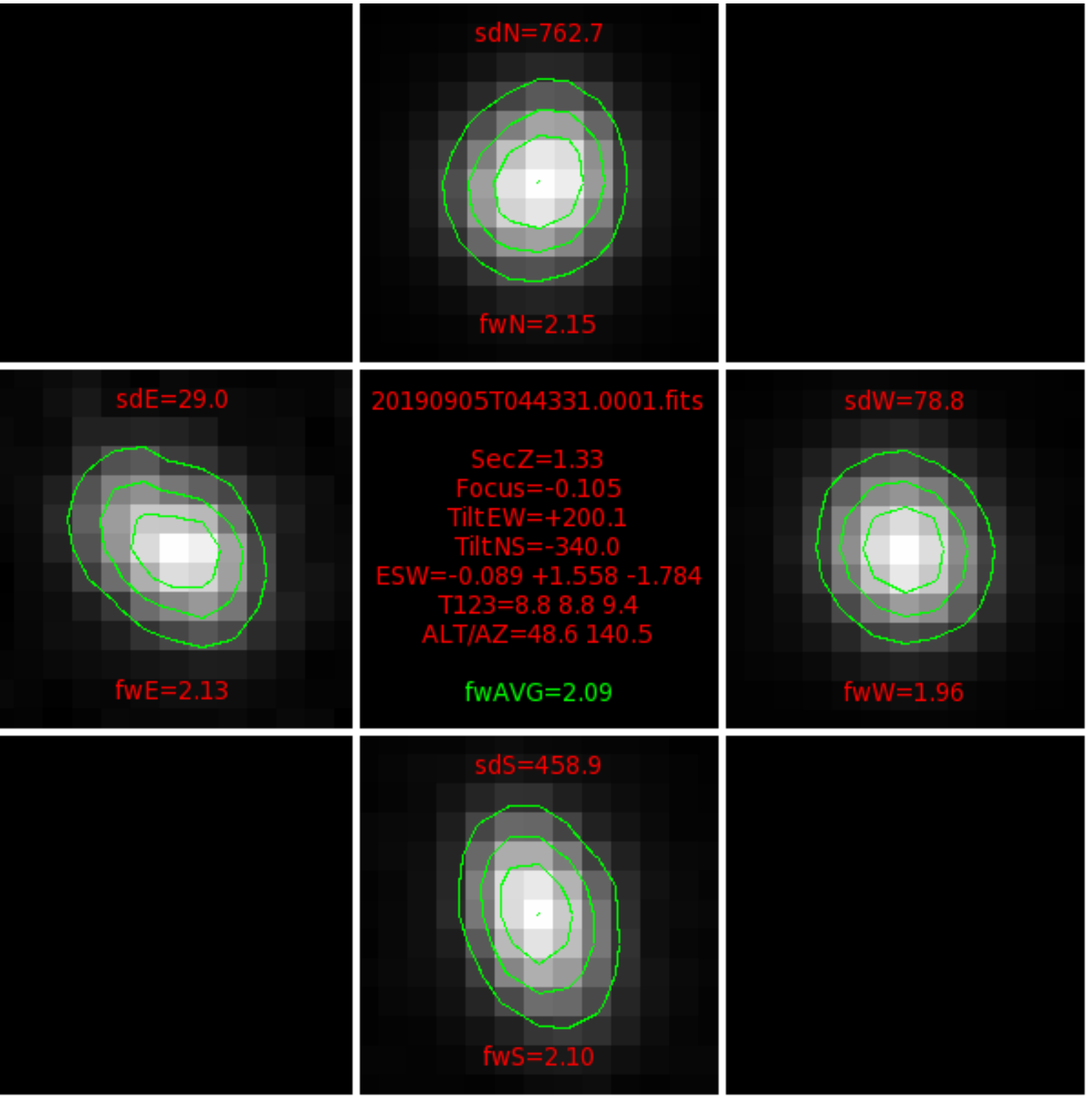
sdN=762.7
fwN=2.15
sdE=29.0
fwE=2.13
20190905T044331.0001.fits
SecZ=1.33
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.8 8.8 9.4
ALT/AZ=48.6 140.5
fwAVG=2.09
sdW=78.8
fwW=1.96
sdS=458.9
fwS=2.10
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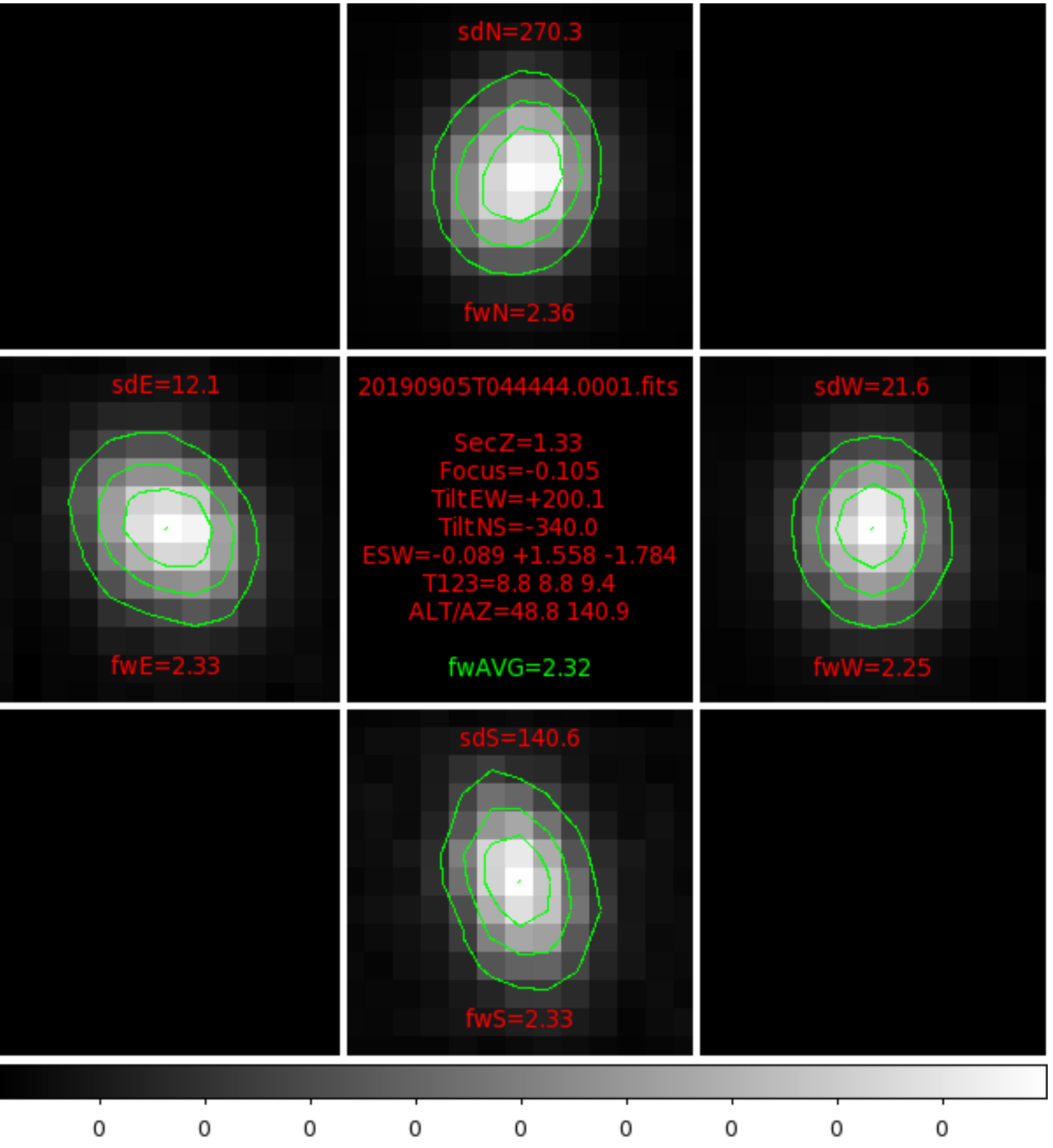
sdN=270.3
fwN=2.36
sdE=12.1
fwE=2.33
20190905T044444.0001.fits
SecZ=1.33
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.8 8.8 9.4
ALT/AZ=48.8 140.9
fwAVG=2.32
sdW=21.6
fwW=2.25
sdS=140.6
fwS=2.33
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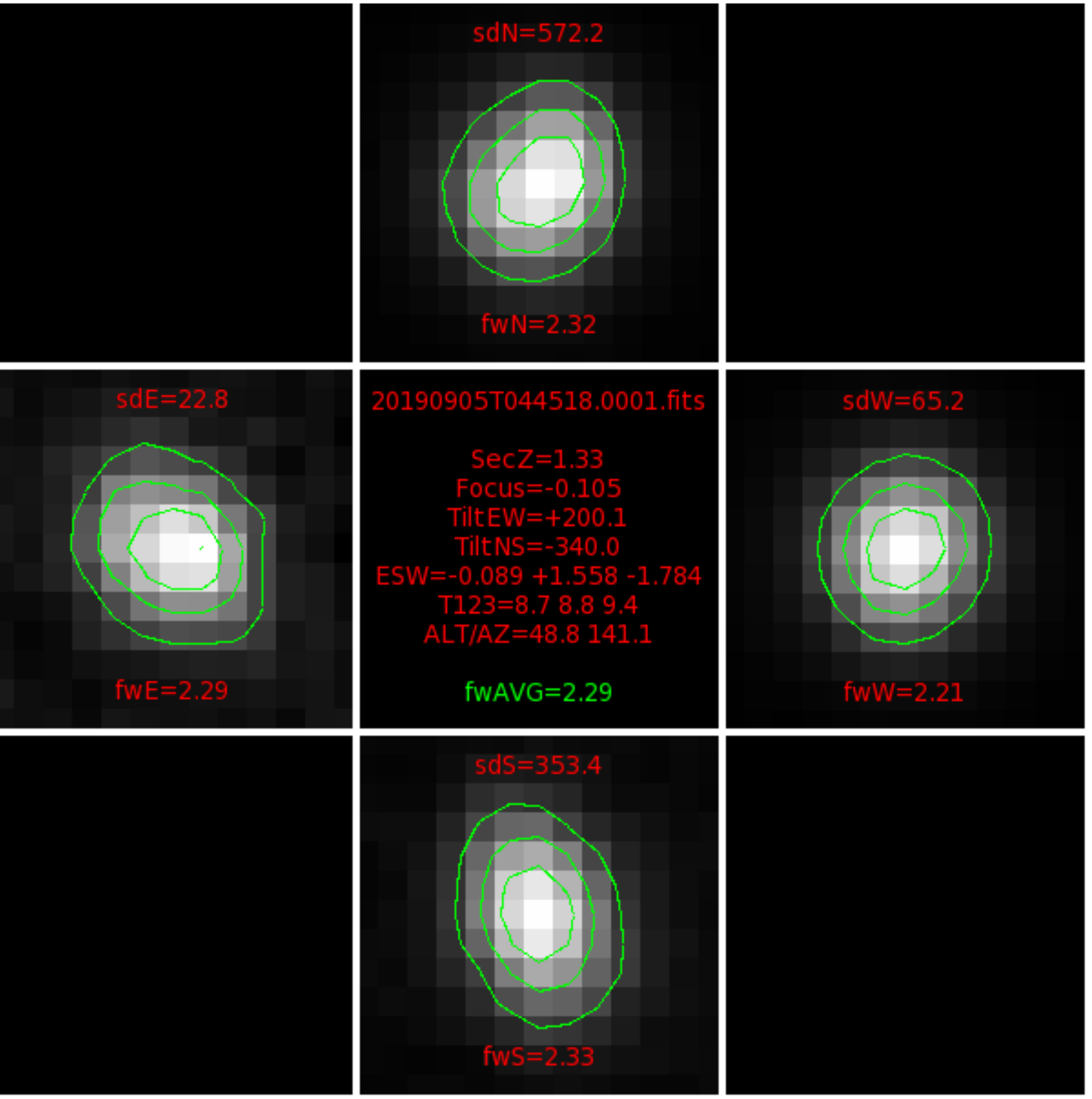
sdN=572.2
fwN=2.32
sdE=22.8
fwE=2.29
20190905T044518.0001.fits
SecZ=1.33
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.7 8.8 9.4
ALT/AZ=48.8 141.1
fwAVG=2.29
sdW=65.2
fwW=2.21
sdS=353.4
fwS=2.33
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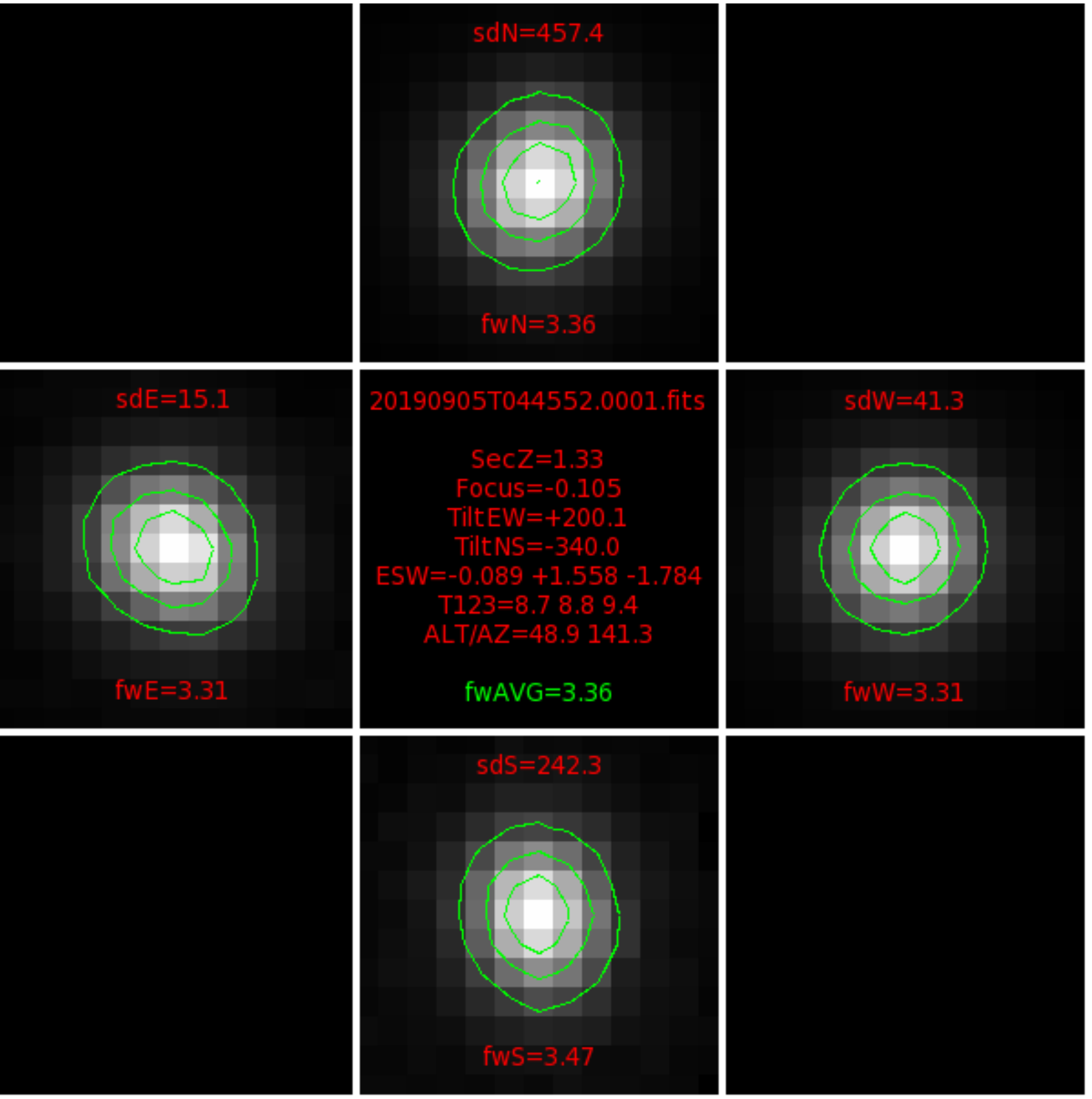
sdN=457.4
fwN=3.36
sdE=15.1
fwE=3.31
20190905T044552.0001.fits
SecZ=1.33
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.7 8.8 9.4
ALT/AZ=48.9 141.3
fwAVG=3.36
sdW=41.3
fwW=3.31
sdS=242.3
fwS=3.47
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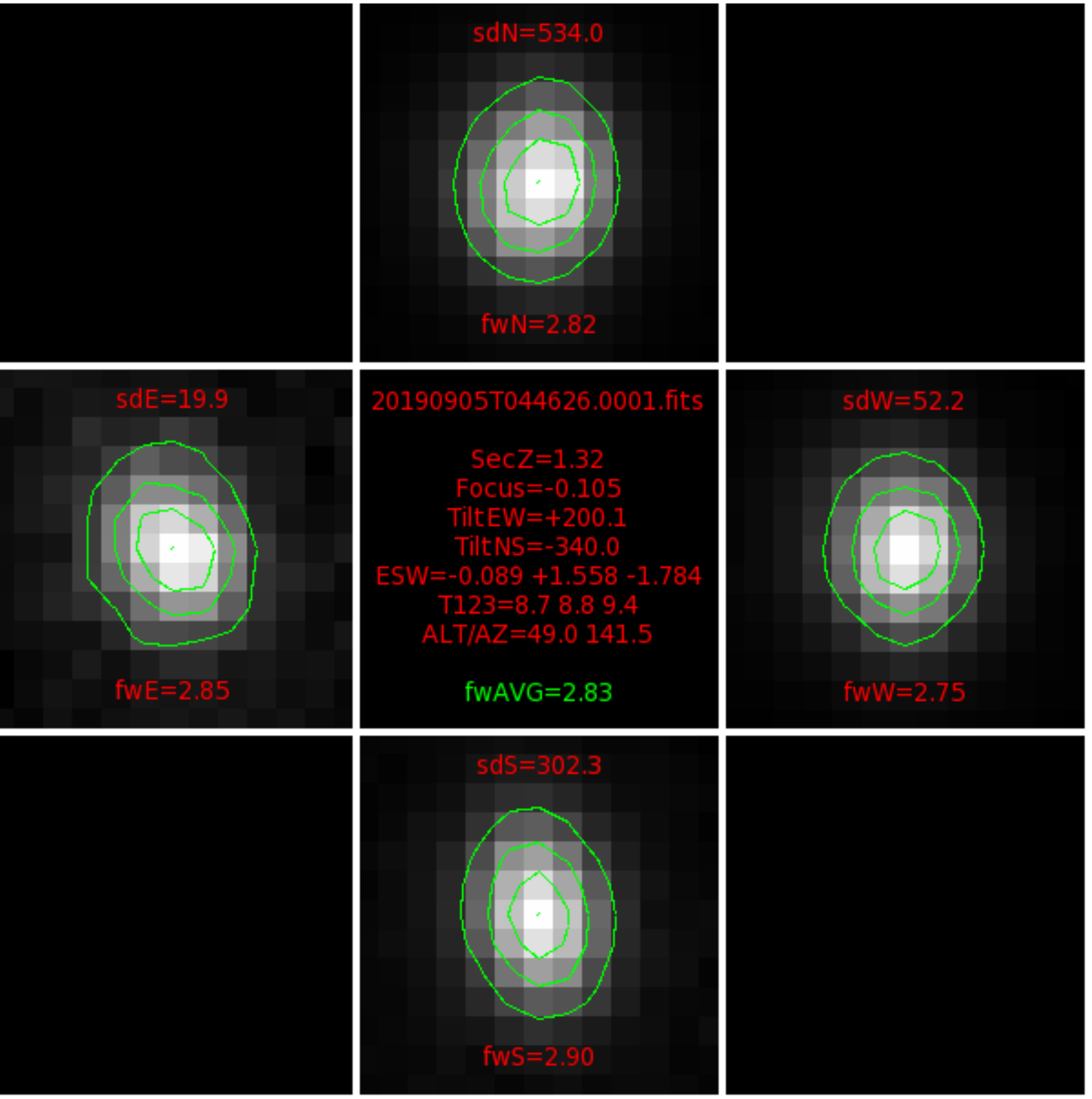
sdN=534.0
fwN=2.82
sdE=19.9
fwE=2.85
20190905T044626.0001.fits
SecZ=1.32
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.7 8.8 9.4
ALT/AZ=49.0 141.5
fwAVG=2.83
sdW=52.2
fwW=2.75
sdS=302.3
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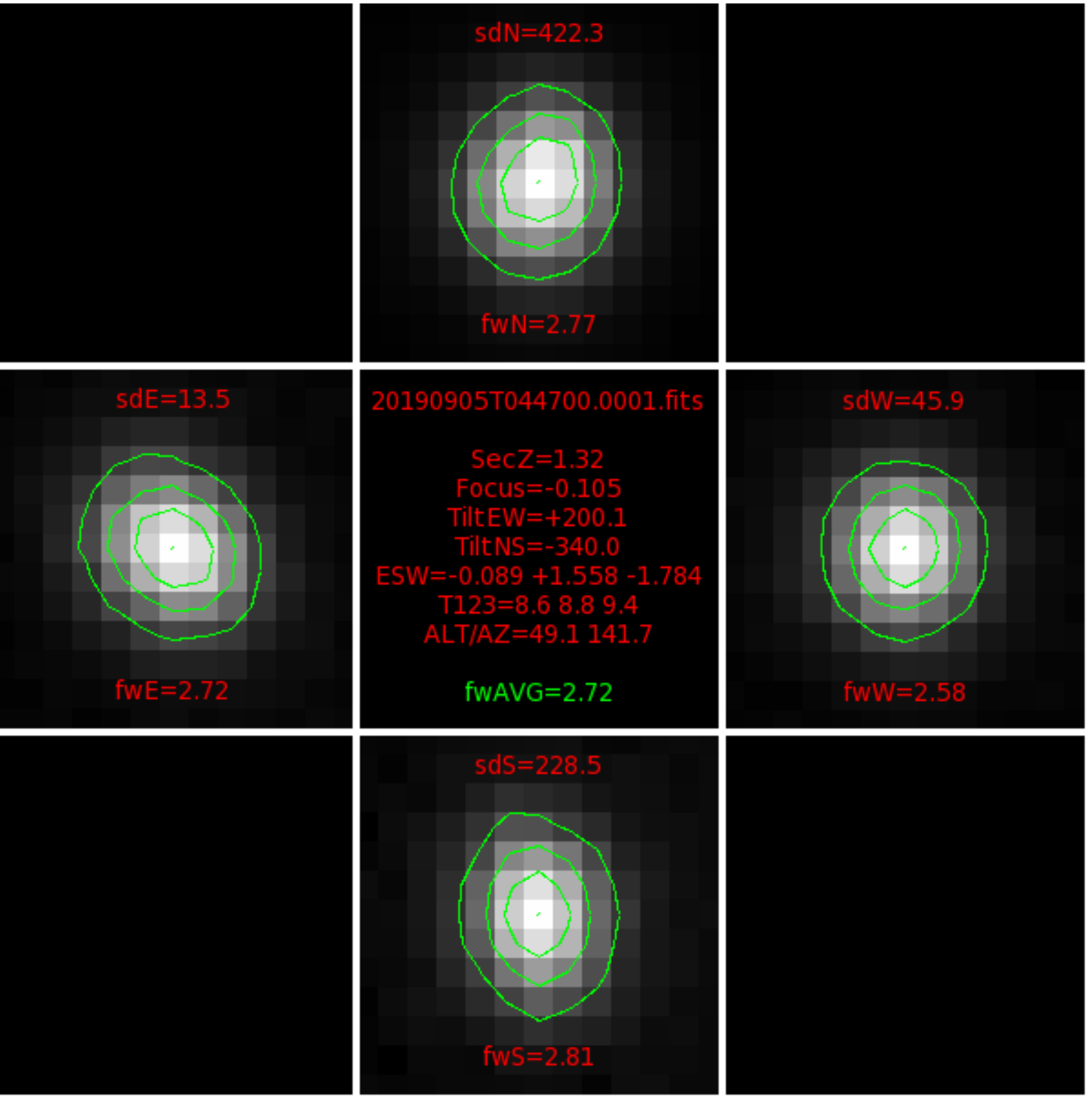
sdN=422.3
fwN=2.77
sdE=13.5
fwE=2.72
20190905T044700.0001.fits
SecZ=1.32
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.8 9.4
ALT/AZ=49.1 141.7
fwAVG=2.72
sdW=45.9
fwW=2.58
sdS=228.5
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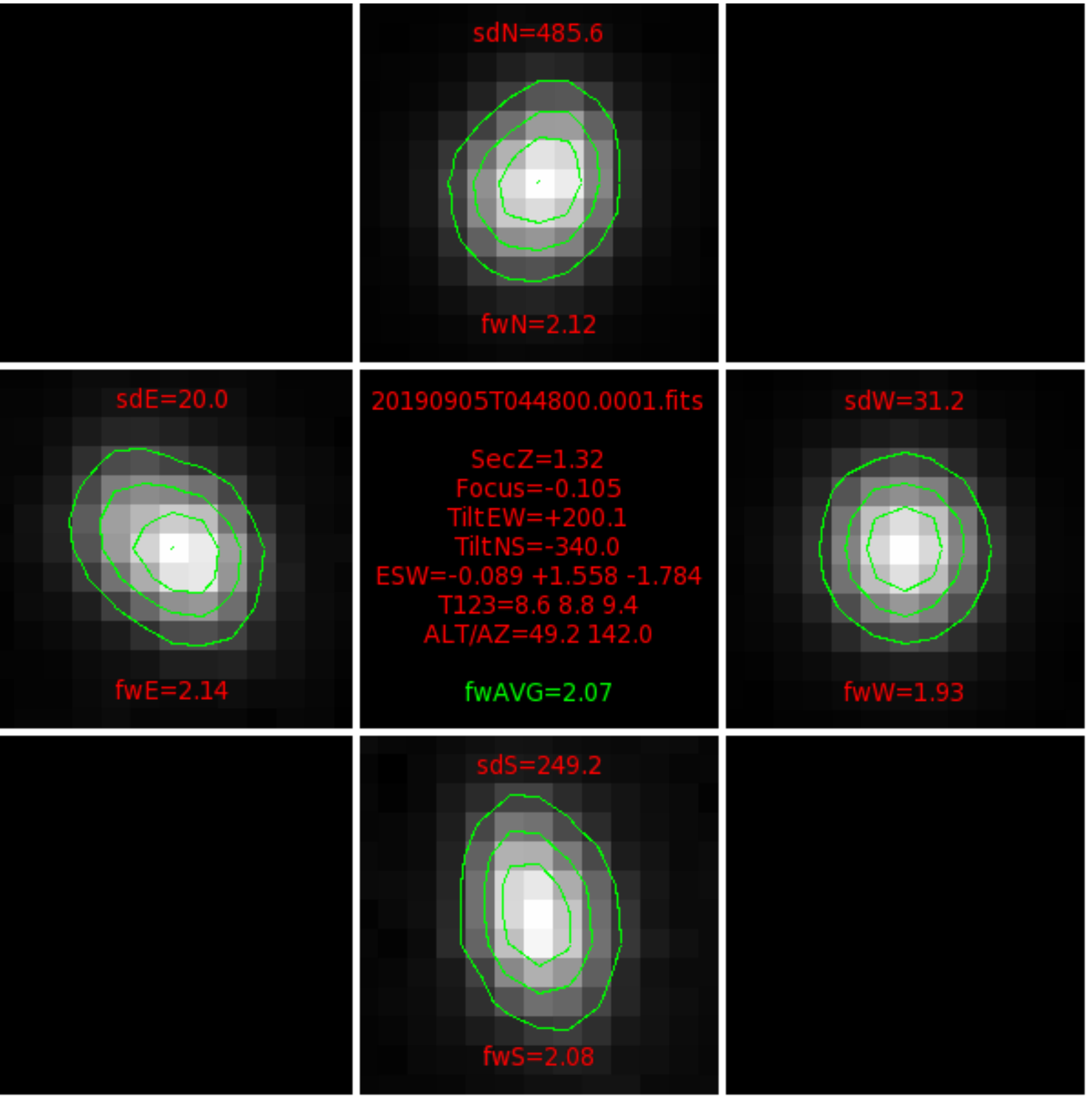
sdN=485.6
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sdE=20.0
fwE=2.14
20190905T044800.0001.fits
SecZ=1.32
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.8 9.4
ALT/AZ=49.2 142.0
fwAVG=2.07
sdW=31.2
fwW=1.93
sdS=249.2
fwS=2.08
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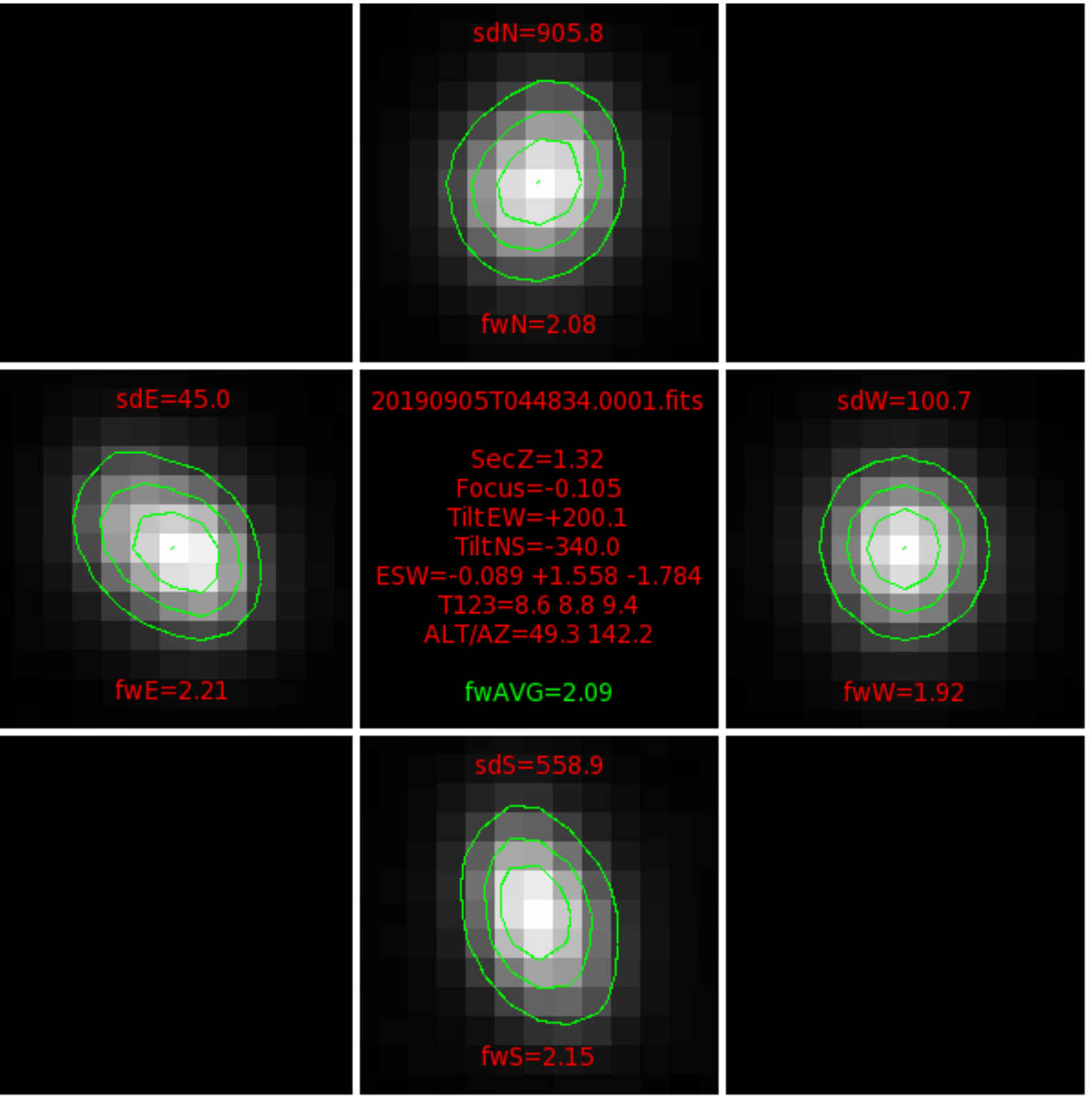
sdN=905.8
fwN=2.08
sdE=45.0
fwE=2.21
20190905T044834.0001.fits
SecZ=1.32
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.8 9.4
ALT/AZ=49.3 142.2
fwAVG=2.09
sdW=100.7
fwW=1.92
sdS=558.9
fwS=2.15
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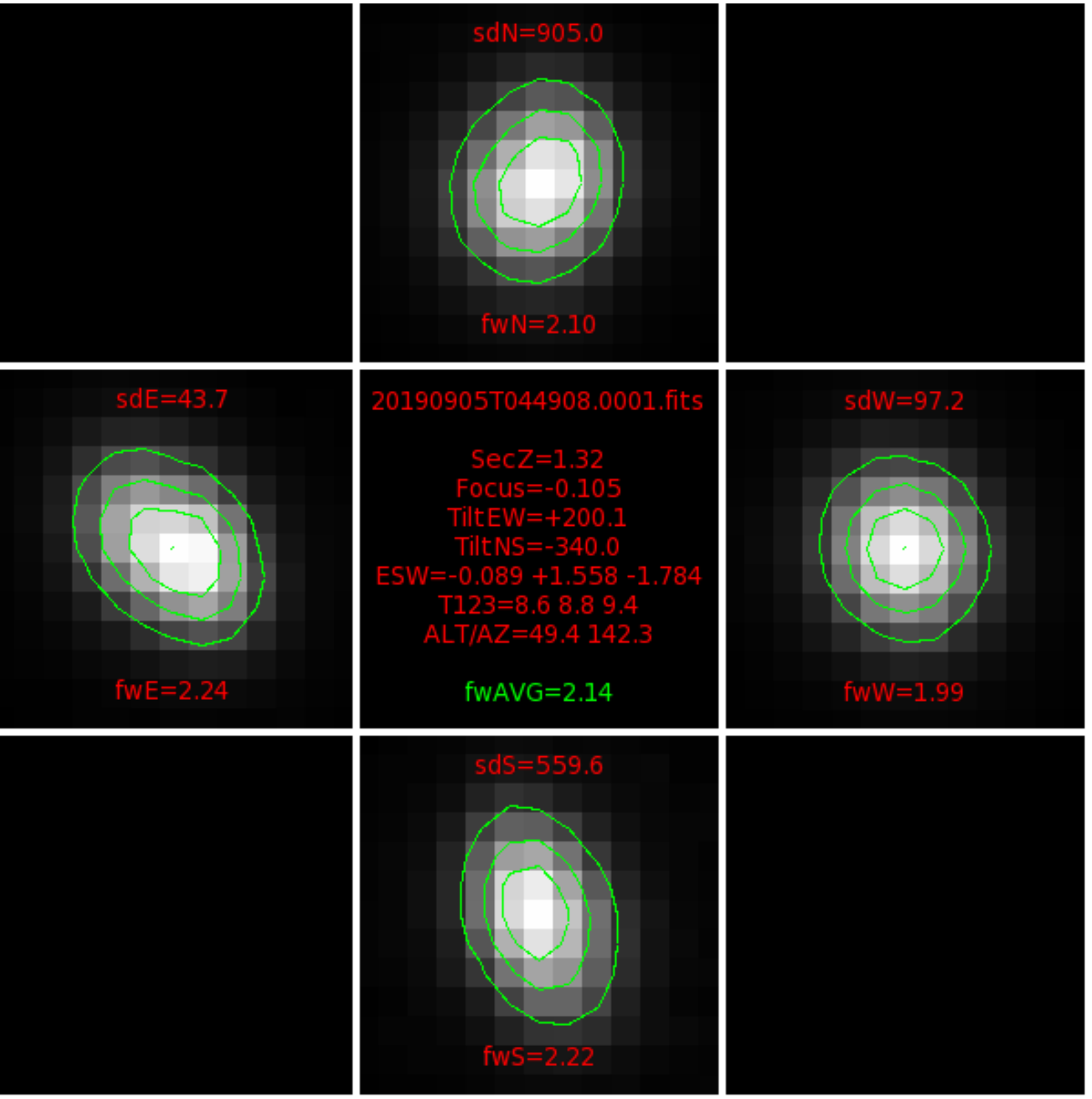
sdN=905.0
fwN=2.10
sdE=43.7
fwE=2.24
20190905T044908.0001.fits
SecZ=1.32
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.8 9.4
ALT/AZ=49.4 142.3
fwAVG=2.14
sdW=97.2
fwW=1.99
sdS=559.6
fwS=2.22
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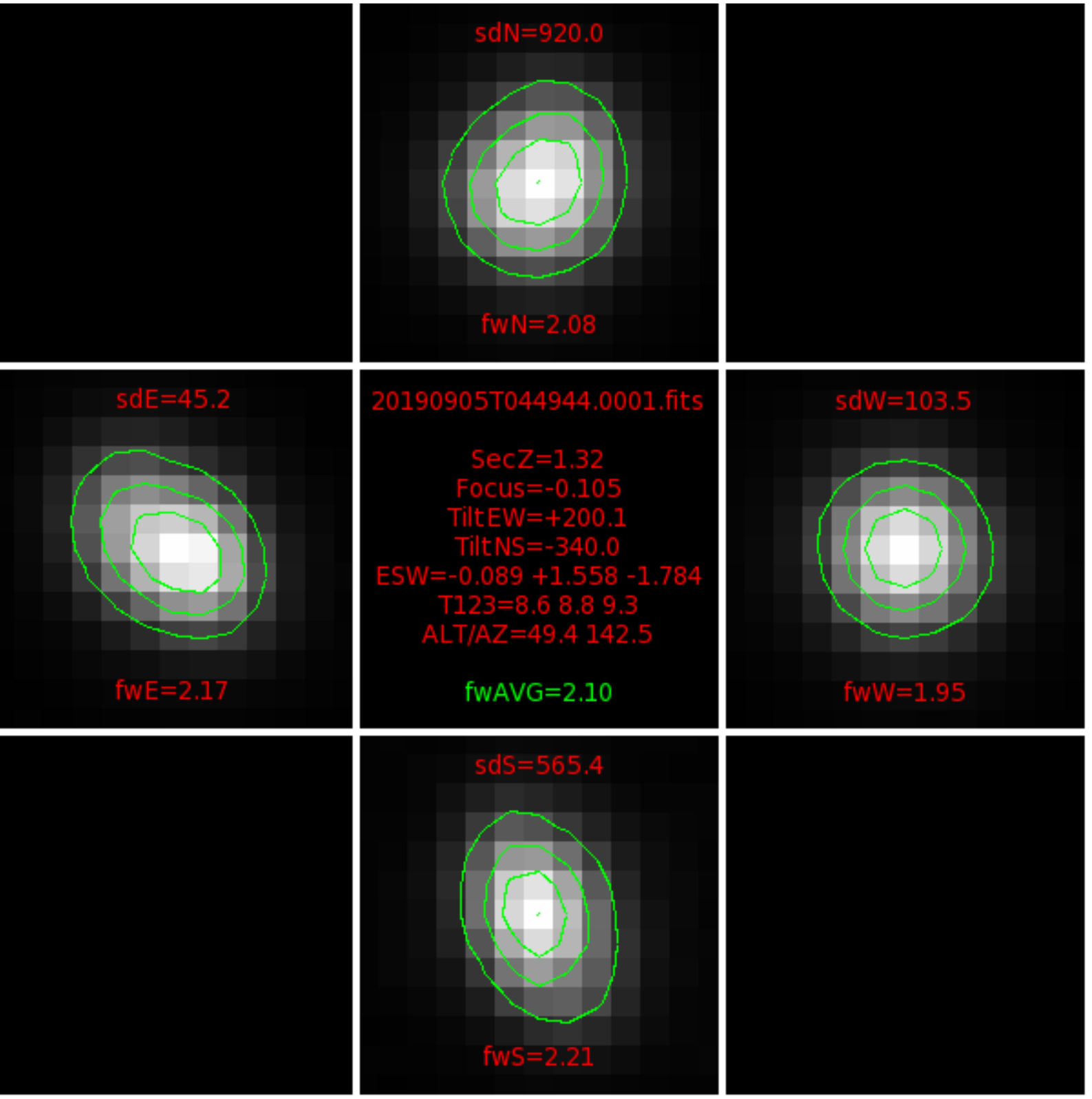
sdN=920.0
fwN=2.08
sdE=45.2
fwE=2.17
20190905T044944.0001.fits
SecZ=1.32
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.8 9.3
ALT/AZ=49.4 142.5
fwAVG=2.10
sdW=103.5
fwW=1.95
sdS=565.4
fwS=2.21
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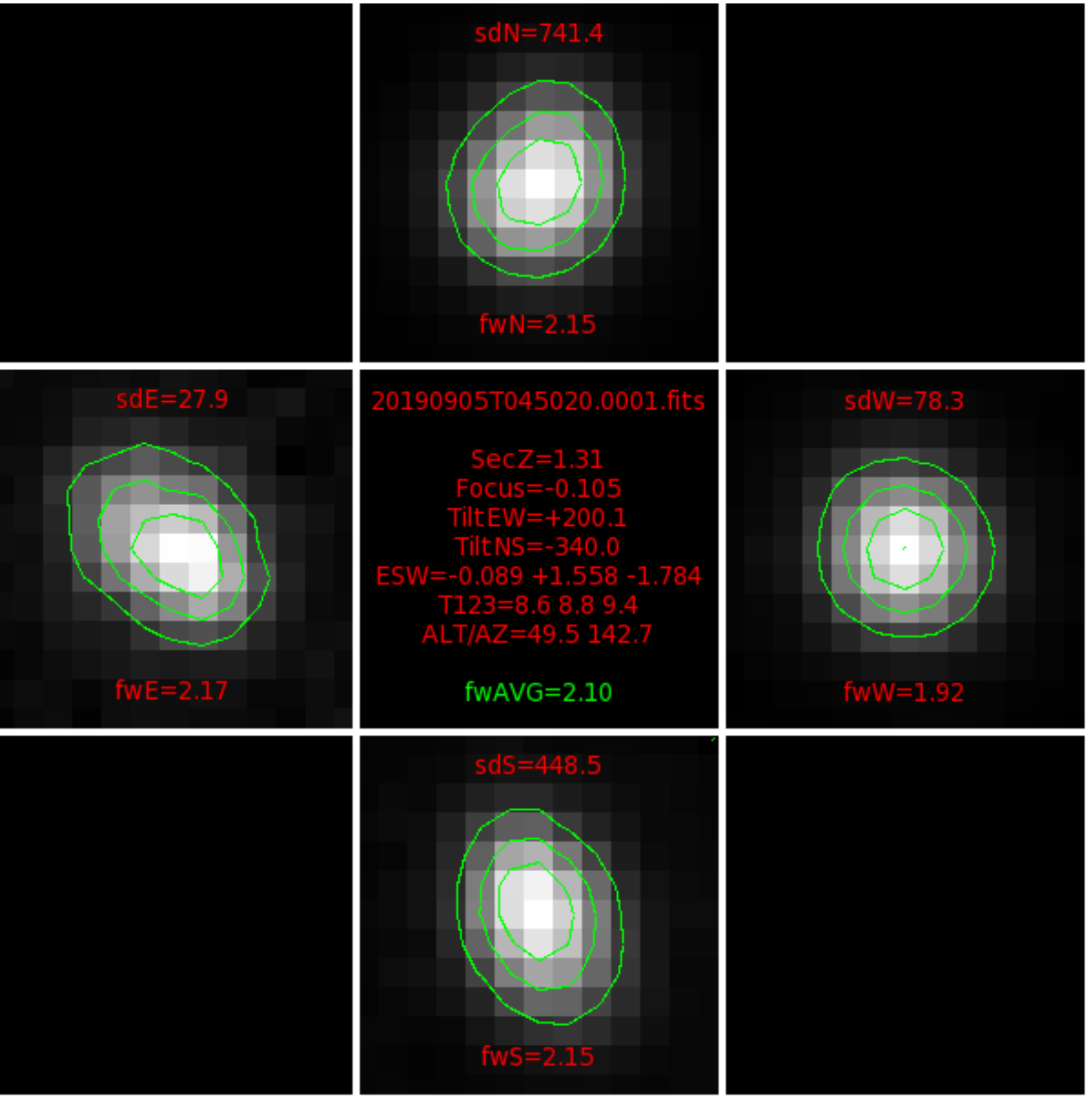
sdN=741.4
fwN=2.15
sdE=27.9
fwE=2.17
20190905T045020.0001.fits
SecZ=1.31
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.8 9.4
ALT/AZ=49.5 142.7
fwAVG=2.10
sdW=78.3
fwW=1.92
sdS=448.5
fwS=2.15
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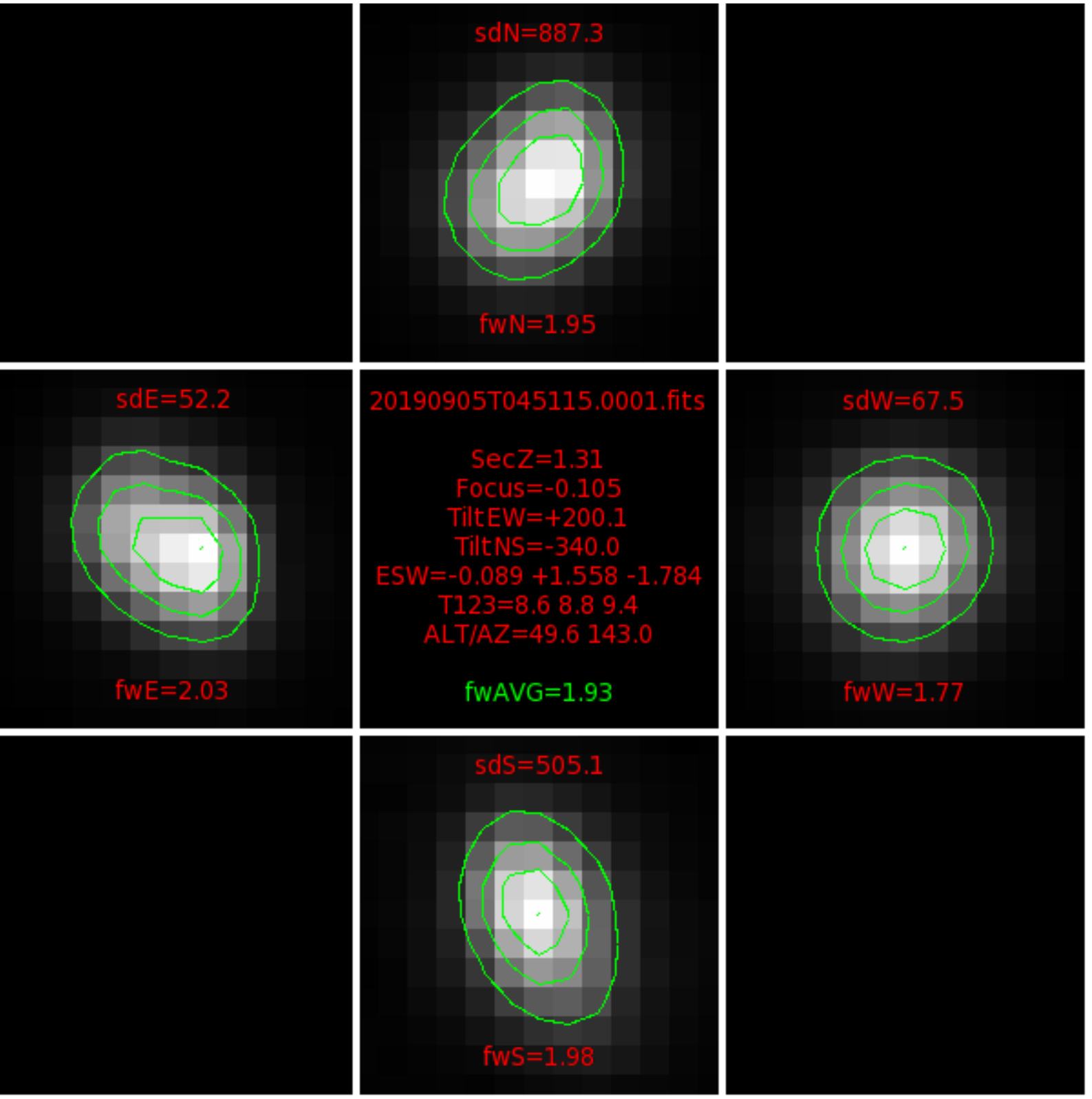
sdN=887.3
fwN=1.95
sdE=52.2
fwE=2.03
20190905T045115.0001.fits
SecZ=1.31
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.8 9.4
ALT/AZ=49.6 143.0
fwAVG=1.93
sdW=67.5
fwW=1.77
sdS=505.1
fwS=1.98
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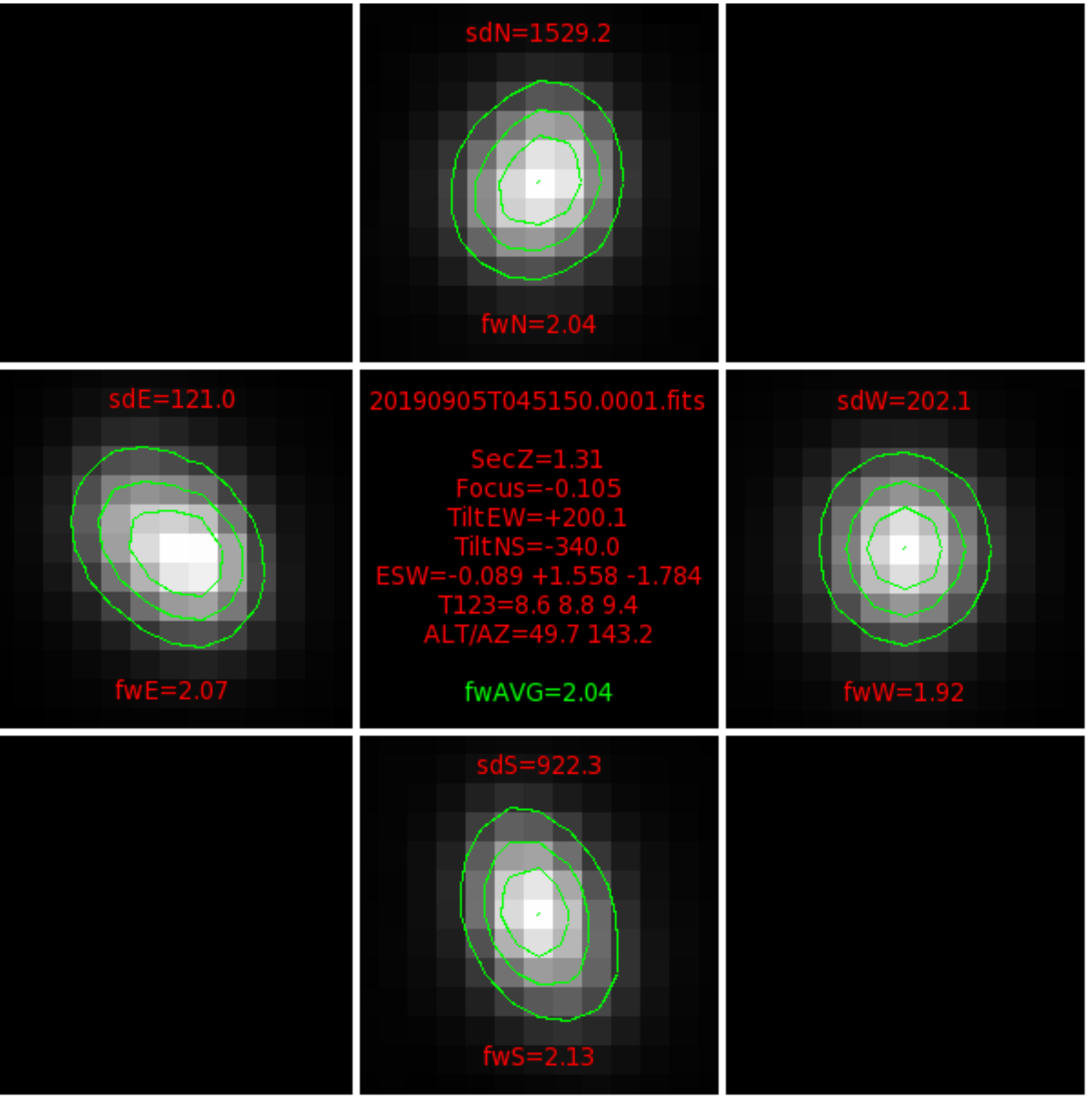
sdN=1529.2
fwN=2.04
sdE=121.0
fwE=2.07
20190905T045150.0001.fits
SecZ=1.31
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.8 9.4
ALT/AZ=49.7 143.2
fwAVG=2.04
sdW=202.1
fwW=1.92
sdS=922.3
fwS=2.13
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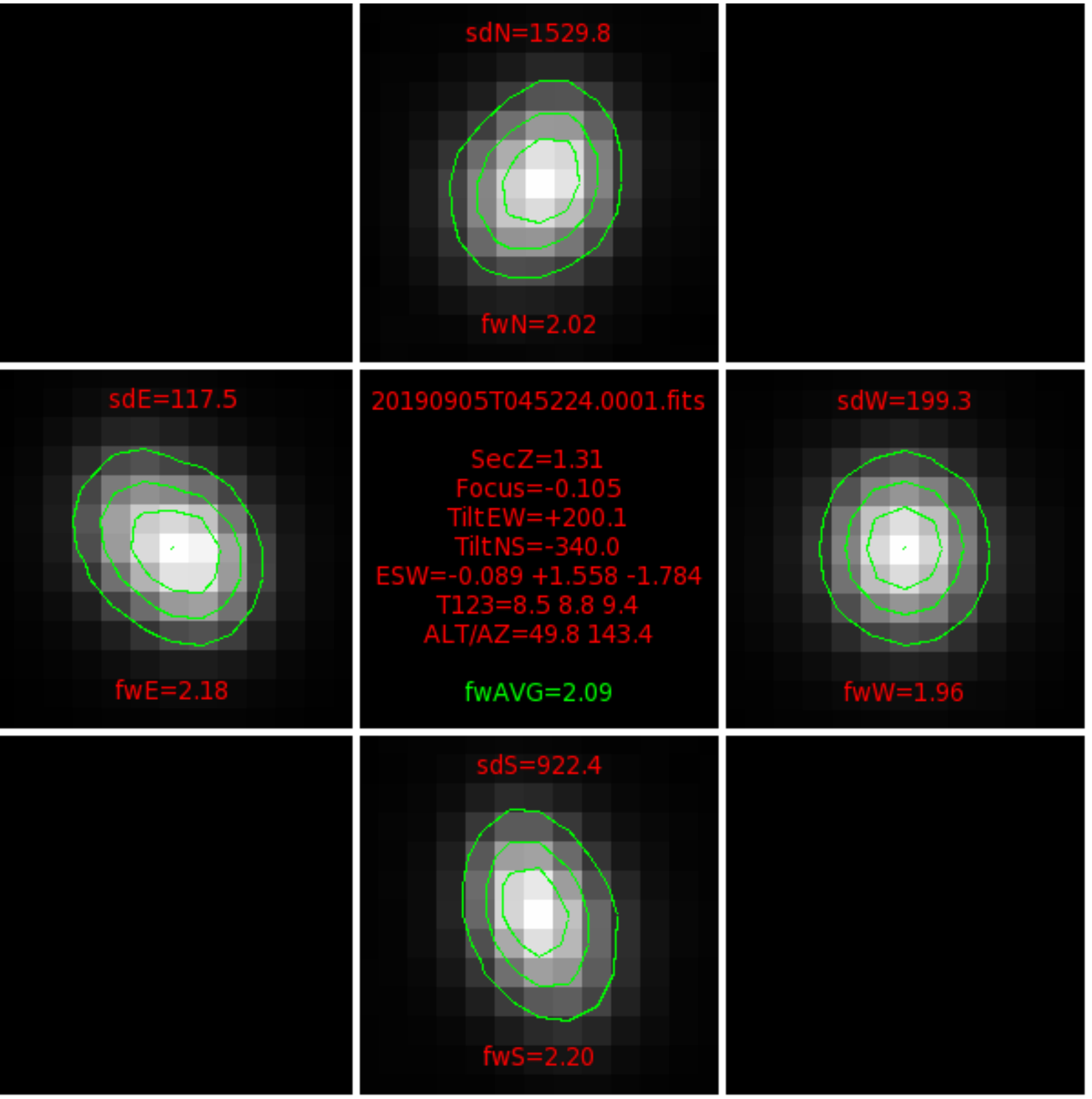
sdN=1529.8
fwN=2.02
sdE=117.5
fwE=2.18
20190905T045224.0001.fits
SecZ=1.31
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.4
ALT/AZ=49.8 143.4
fwAVG=2.09
sdW=199.3
fwW=1.96
sdS=922.4
fwS=2.20
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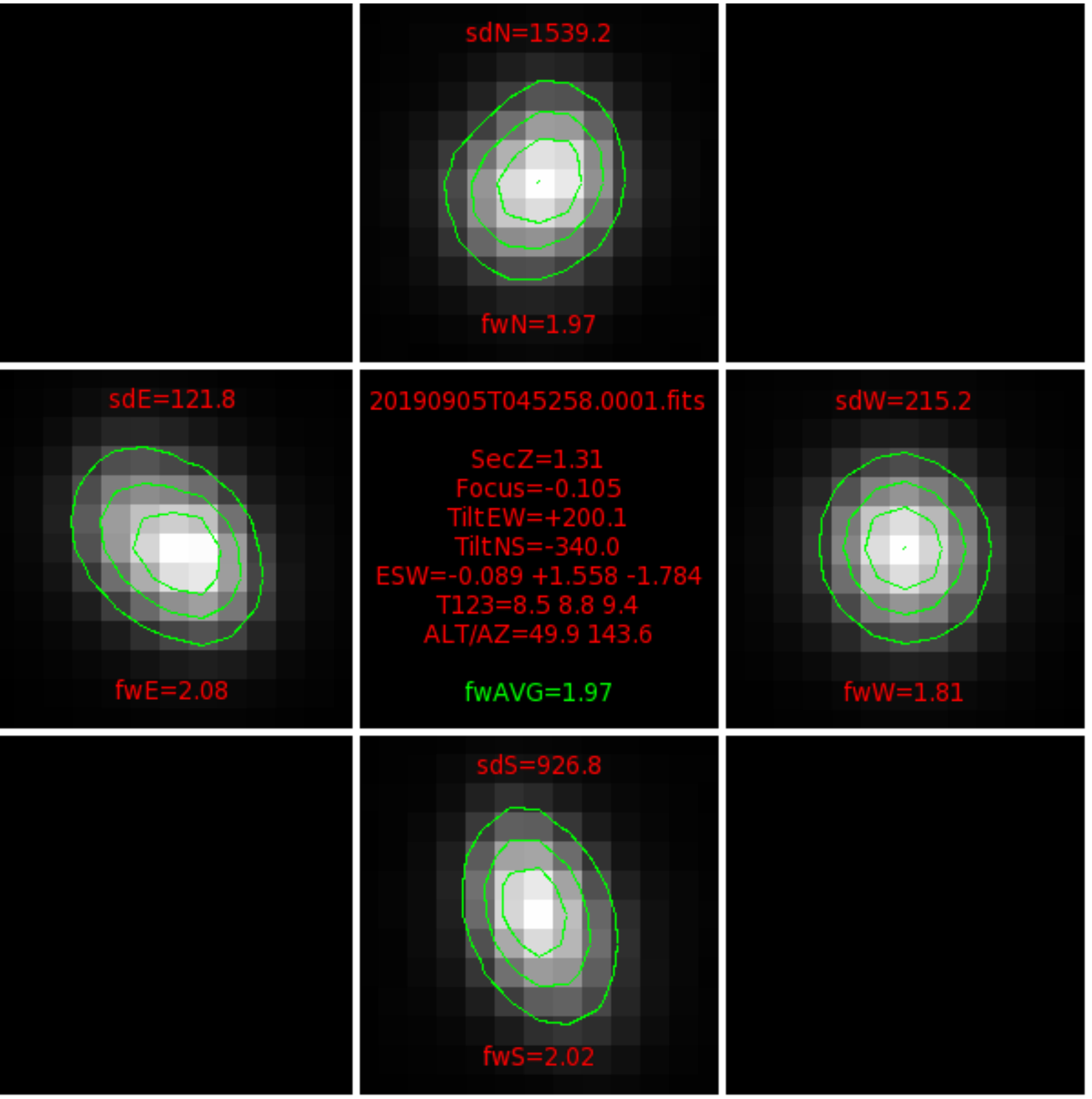
sdN=1539.2
fwN=1.97
sdE=121.8
fwE=2.08
20190905T045258.0001.fits
SecZ=1.31
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.4
ALT/AZ=49.9 143.6
fwAVG=1.97
sdW=215.2
fwW=1.81
sdS=926.8
fwS=2.02
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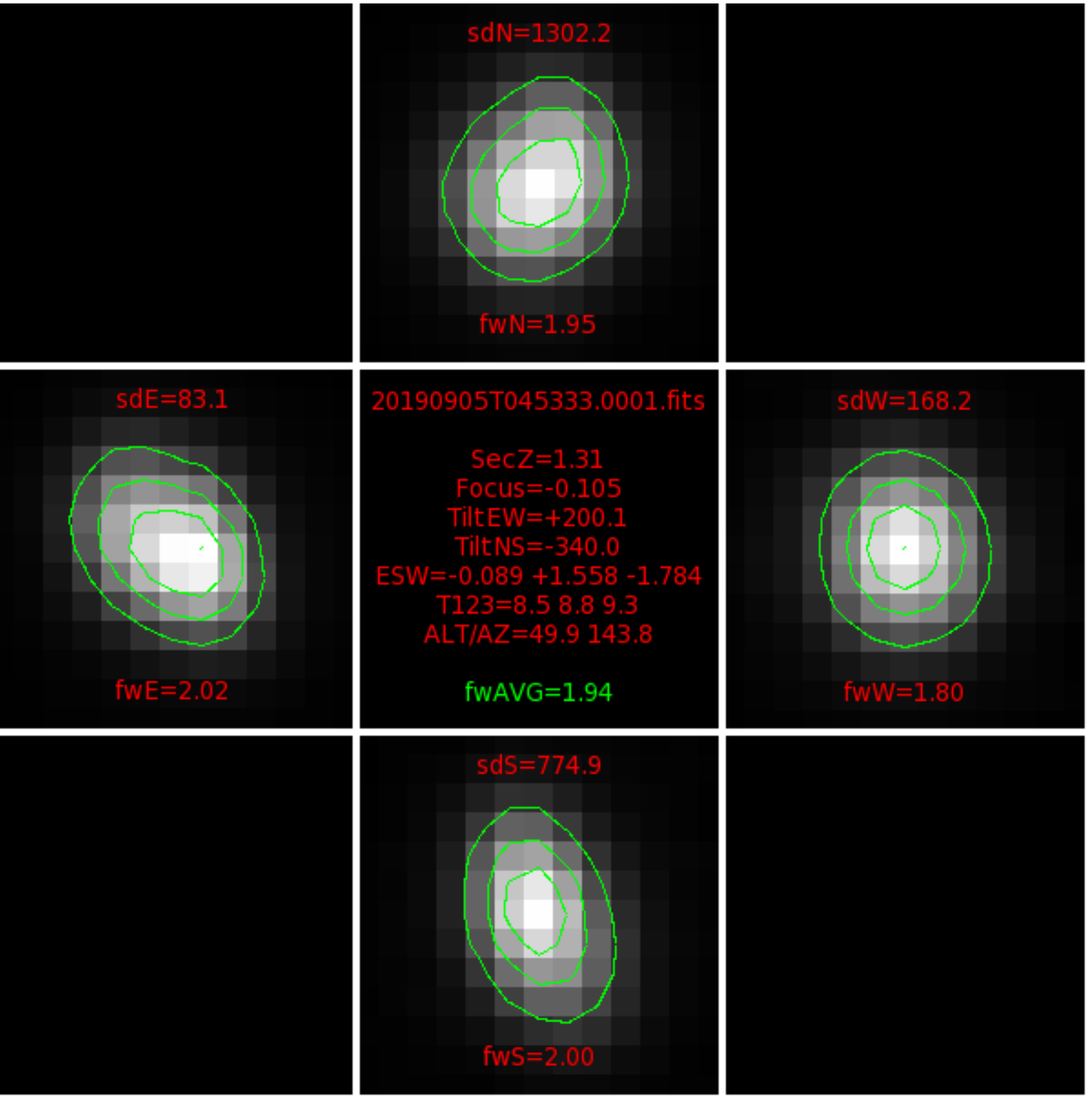
sdN=1302.2
fwN=1.95
sdE=83.1
fwE=2.02
20190905T045333.0001.fits
SecZ=1.31
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.3
ALT/AZ=49.9 143.8
fwAVG=1.94
sdW=168.2
fwW=1.80
sdS=774.9
fwS=2.00
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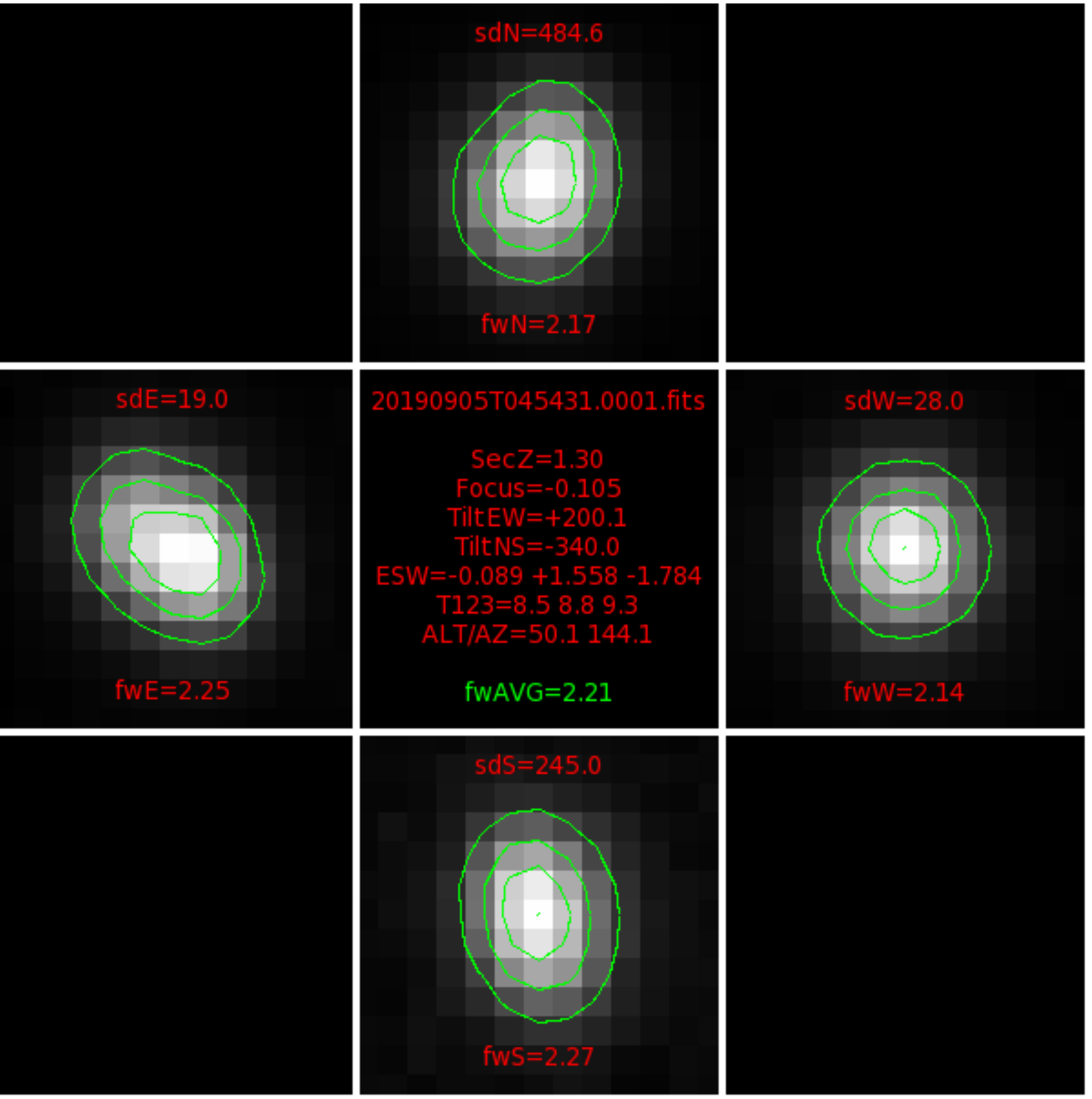
sdN=484.6
fwN=2.17
sdE=19.0
fwE=2.25
20190905T045431.0001.fits
SecZ=1.30
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.3
ALT/AZ=50.1 144.1
fwAVG=2.21
sdW=28.0
fwW=2.14
sdS=245.0
fwS=2.27
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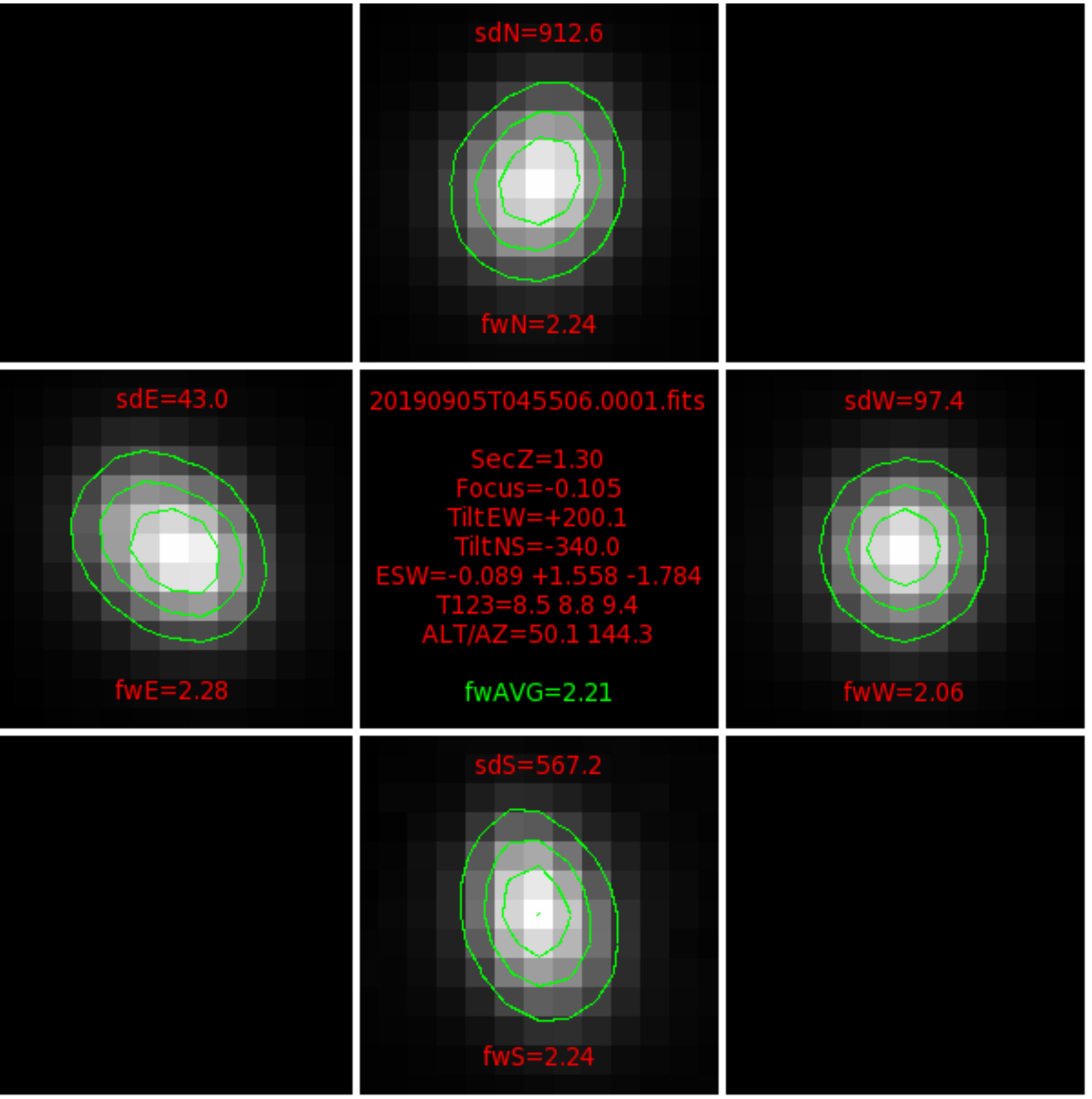
sdN=912.6
fwN=2.24
sdE=43.0
fwE=2.28
20190905T045506.0001.fits
SecZ=1.30
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.4
ALT/AZ=50.1 144.3
fwAVG=2.21
sdW=97.4
fwW=2.06
sdS=567.2
fwS=2.24
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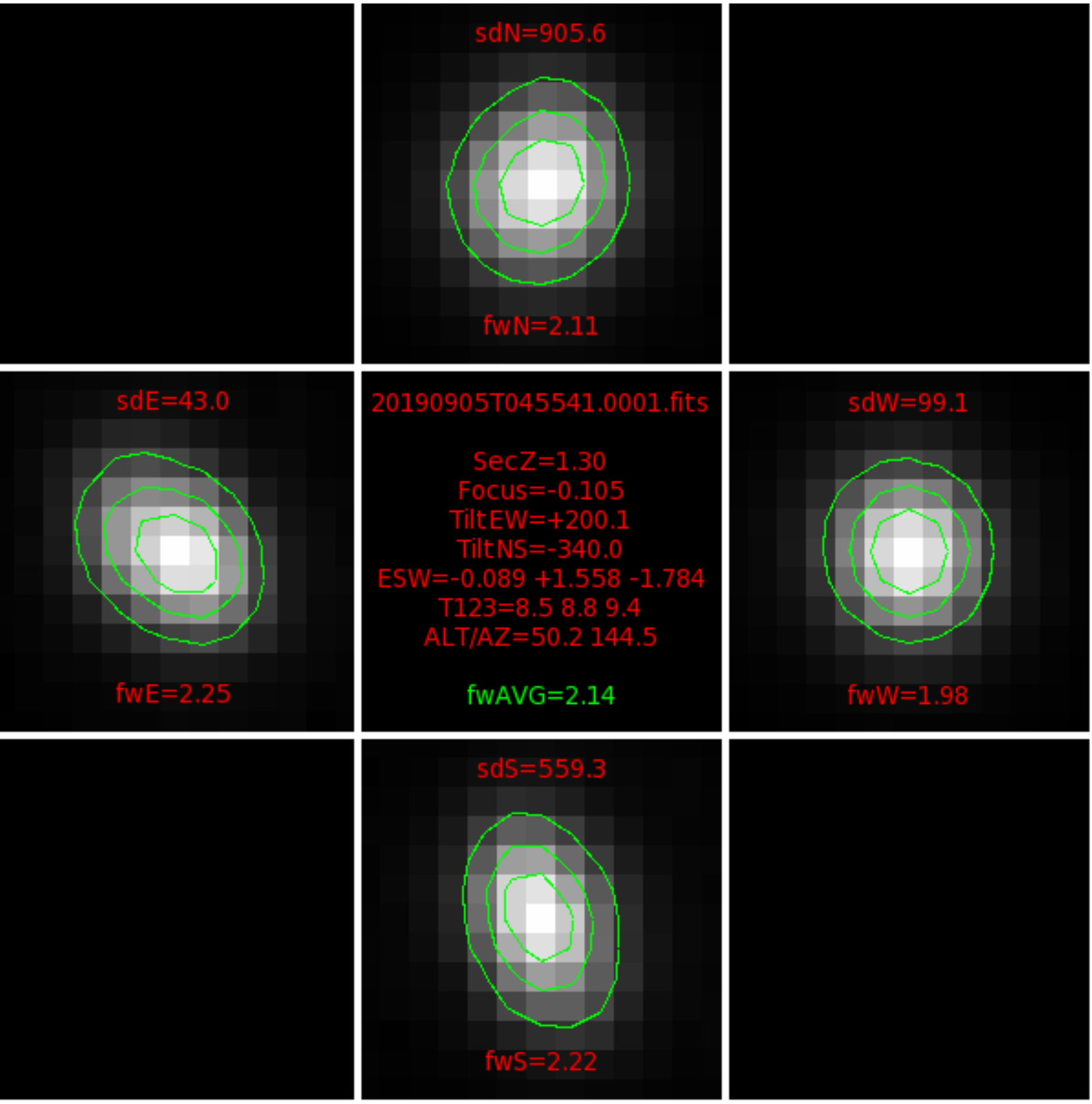
sdN=905.6
fwN=2.11
sdE=43.0
fwE=2.25
20190905T045541.0001.fits
SecZ=1.30
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.4
ALT/AZ=50.2 144.5
fwAVG=2.14
sdW=99.1
fwW=1.98
sdS=559.3
fwS=2.22
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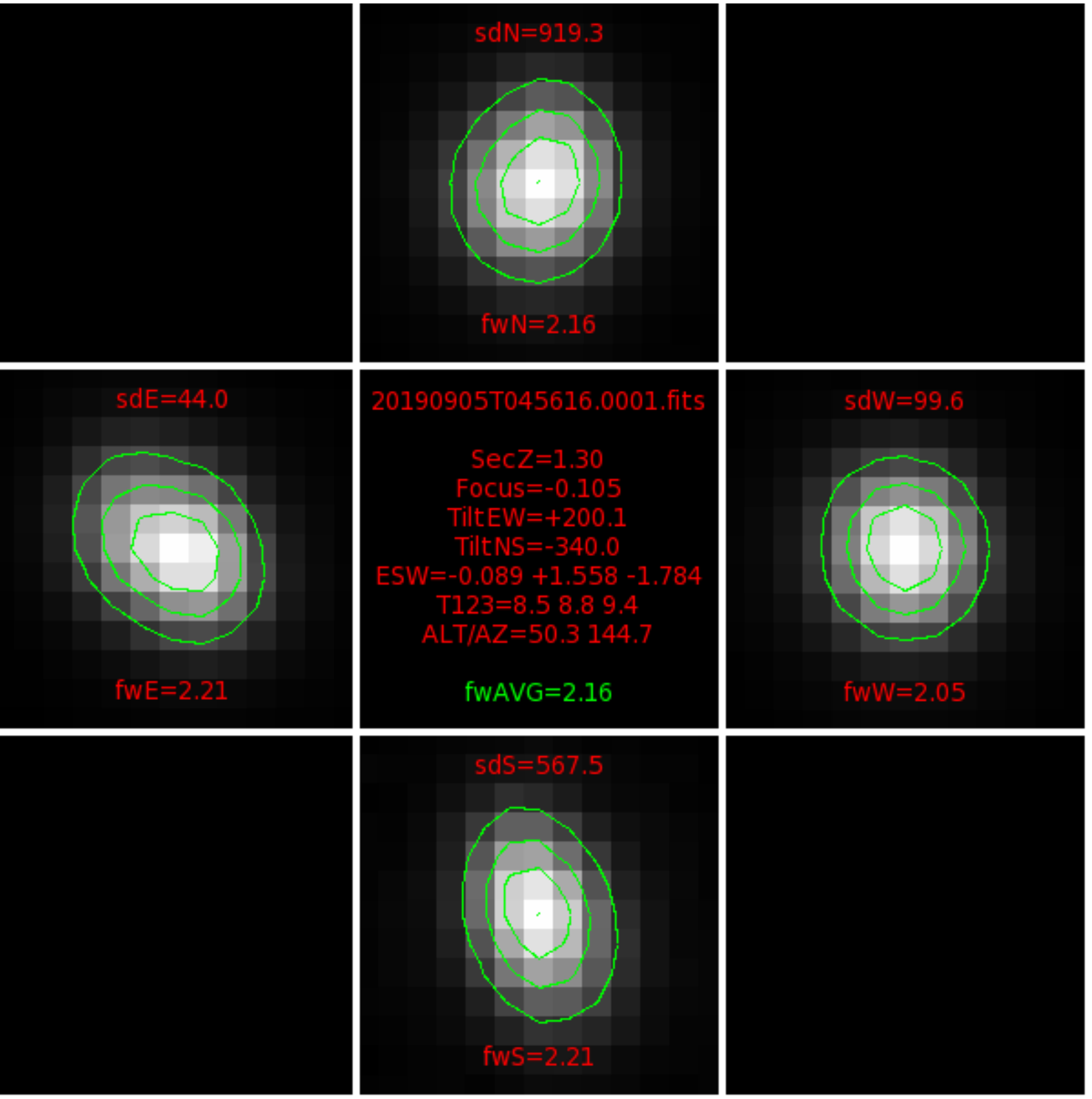
sdN=919.3
fwN=2.16
sdE=44.0
fwE=2.21
20190905T045616.0001.fits
SecZ=1.30
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.4
ALT/AZ=50.3 144.7
fwAVG=2.16
sdW=99.6
fwW=2.05
sdS=567.5
fwS=2.21
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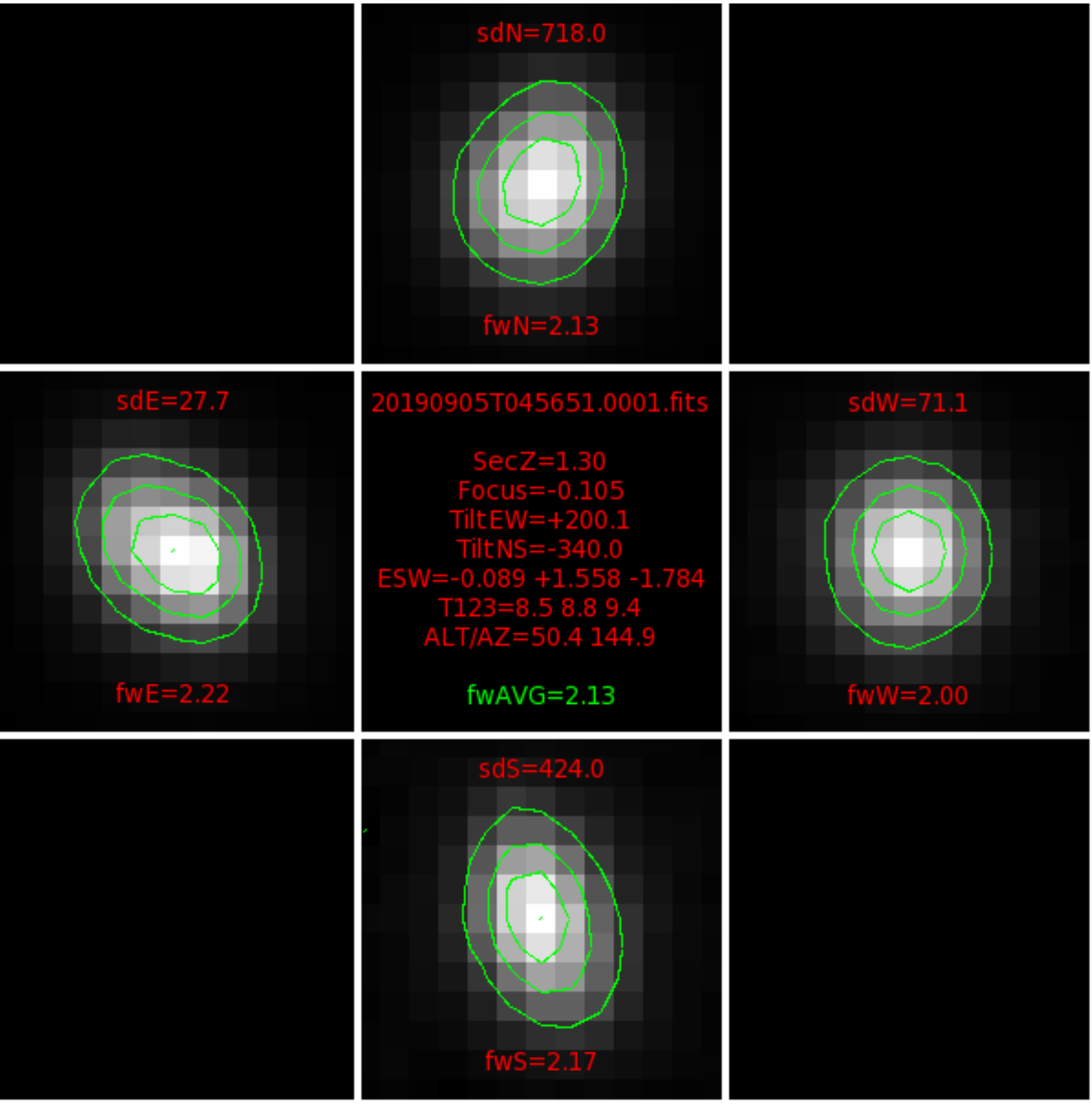
sdN=718.0
fwN=2.13
sdE=27.7
fwE=2.22
20190905T045651.0001.fits
SecZ=1.30
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.4
ALT/AZ=50.4 144.9
fwAVG=2.13
sdW=71.1
fwW=2.00
sdS=424.0
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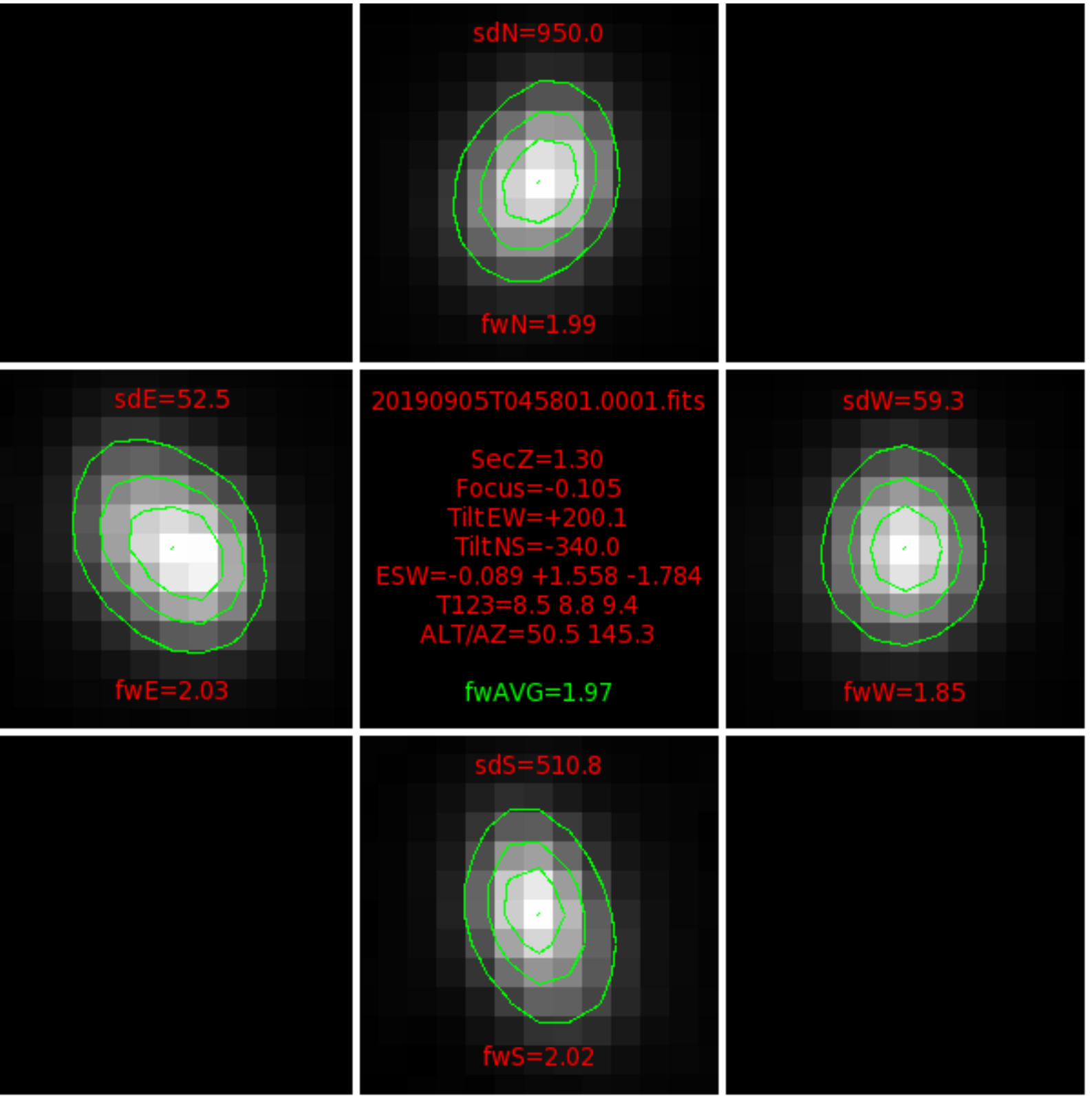
sdN=950.0
fwN=1.99
sdE=52.5
fwE=2.03
20190905T045801.0001.fits
SecZ=1.30
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.4
ALT/AZ=50.5 145.3
fwAVG=1.97
sdW=59.3
fwW=1.85
sdS=510.8
fwS=2.02
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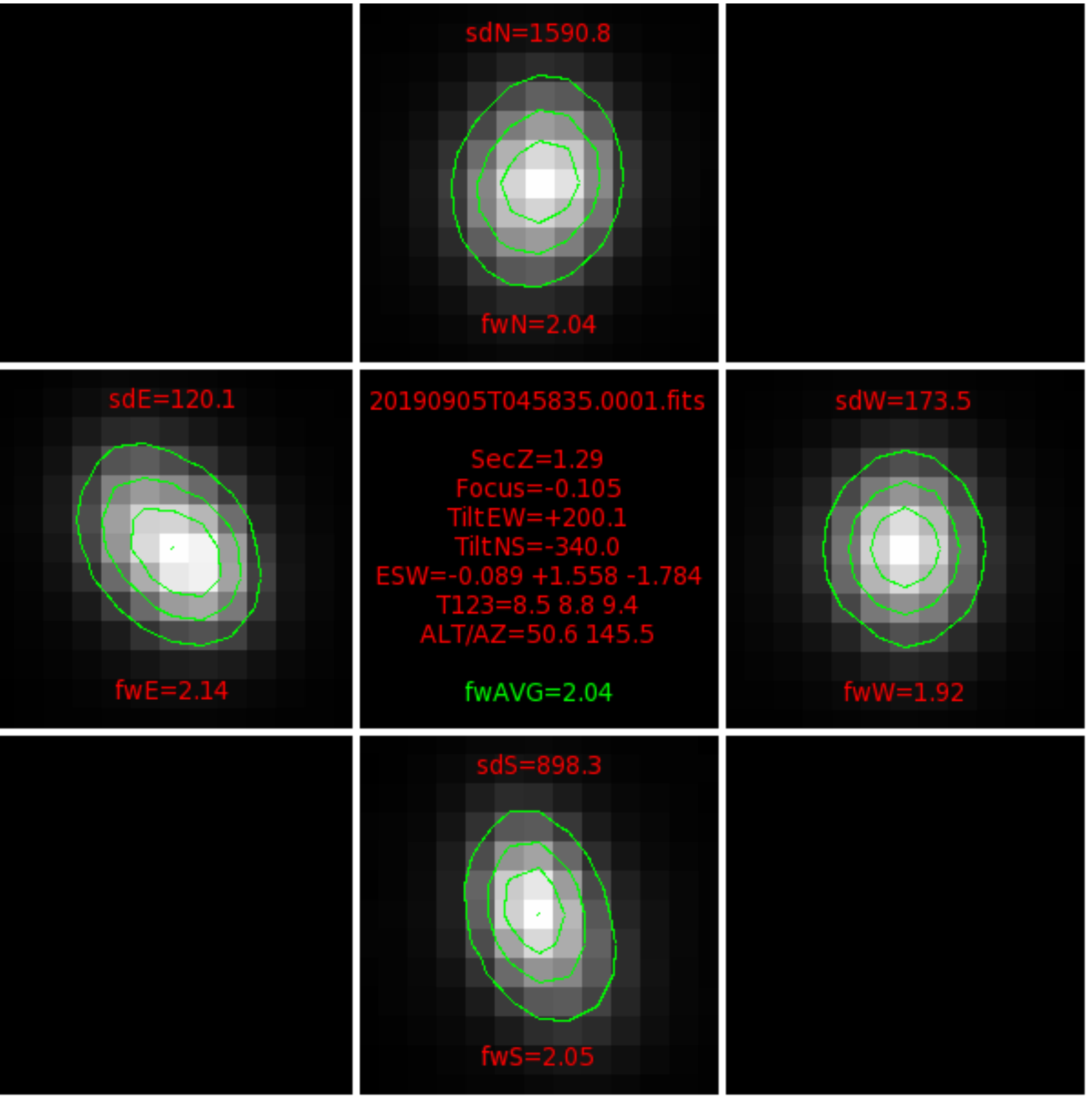
sdN=1590.8
fwN=2.04
sdE=120.1
fwE=2.14
20190905T045835.0001.fits
SecZ=1.29
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.4
ALT/AZ=50.6 145.5
fwAVG=2.04
sdW=173.5
fwW=1.92
sdS=898.3
fwS=2.05
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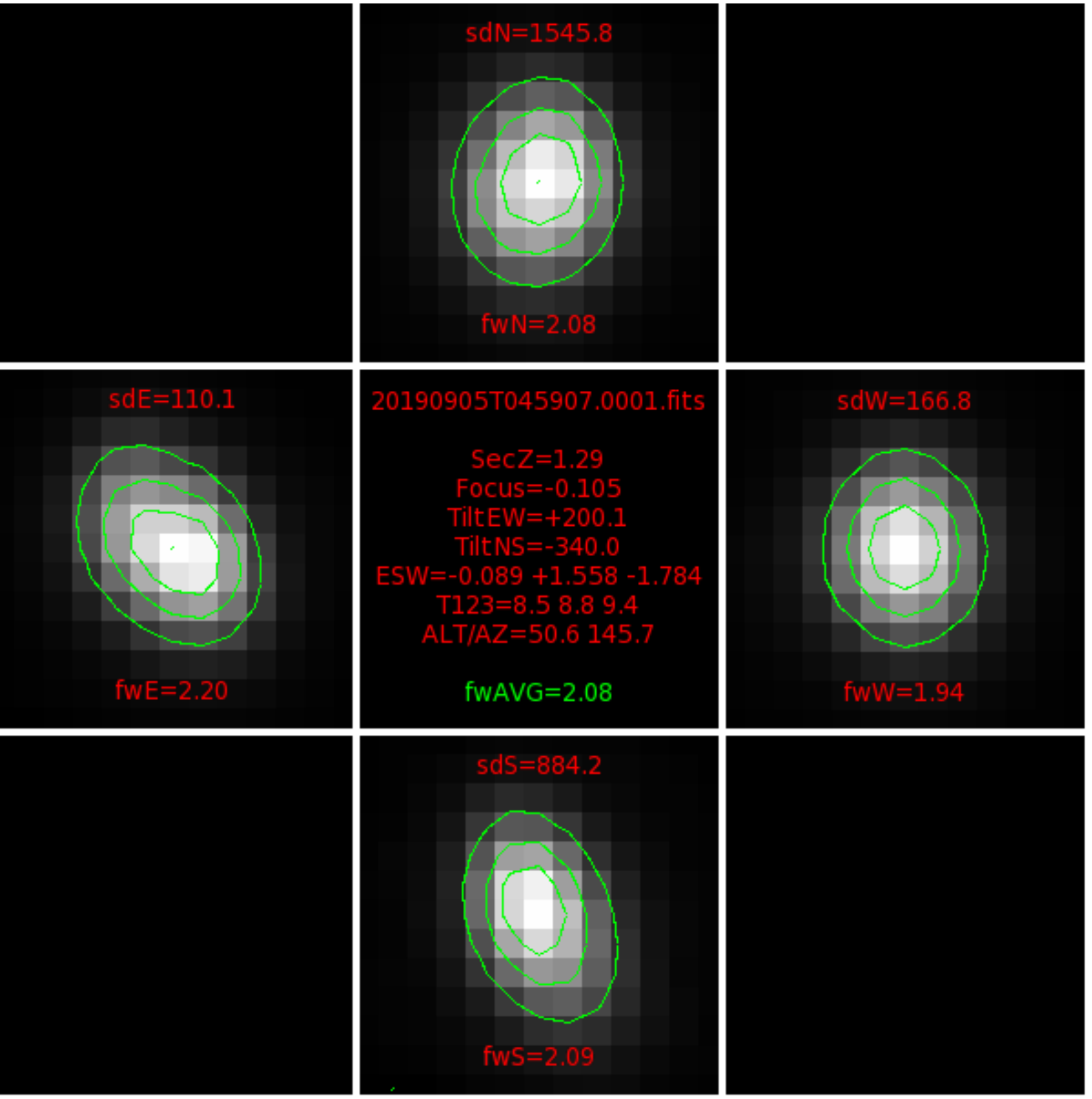
sdN=1545.8
fwN=2.08
sdE=110.1
fwE=2.20
20190905T045907.0001.fits
SecZ=1.29
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.4
ALT/AZ=50.6 145.7
fwAVG=2.08
sdW=166.8
fwW=1.94
sdS=884.2
fwS=2.09
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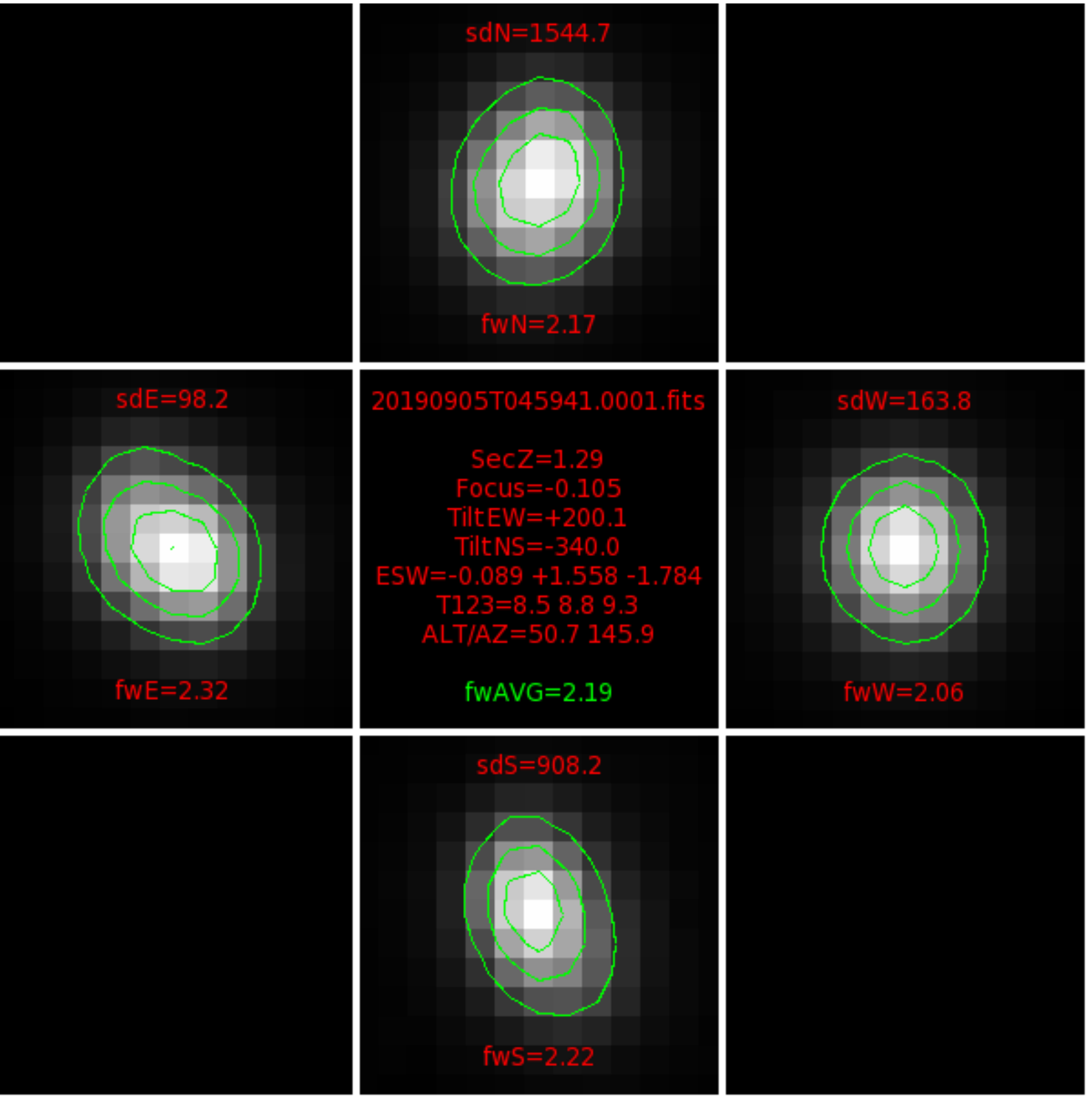
sdN=1544.7
fwN=2.17
sdE=98.2
fwE=2.32
20190905T045941.0001.fits
SecZ=1.29
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.3
ALT/AZ=50.7 145.9
fwAVG=2.19
sdW=163.8
fwW=2.06
sdS=908.2
fwS=2.22
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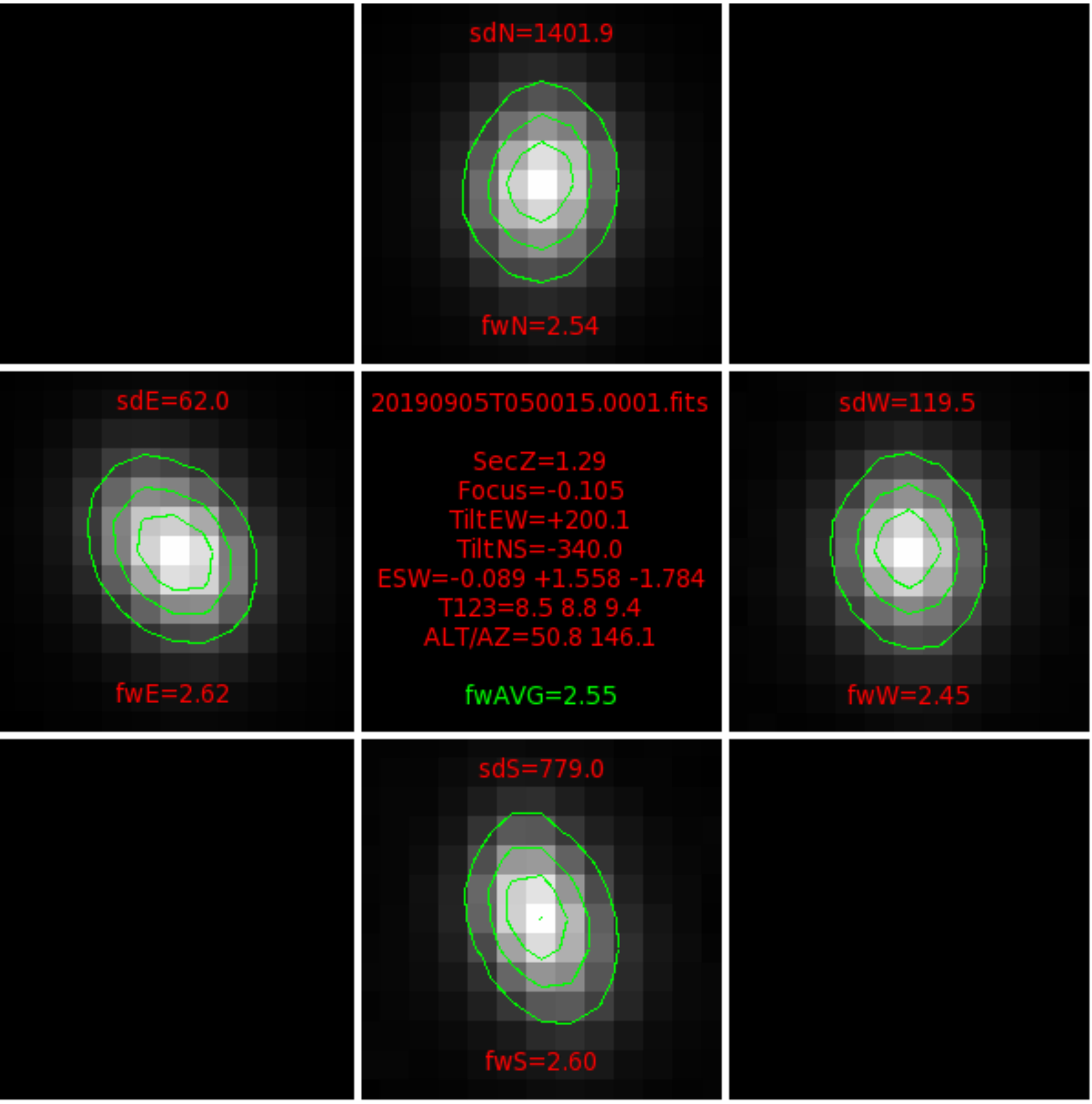
sdN=1401.9
fwN=2.54
sdE=62.0
fwE=2.62
20190905T050015.0001.fits
SecZ=1.29
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.4
ALT/AZ=50.8 146.1
fwAVG=2.55
sdW=119.5
fwW=2.45
sdS=779.0
fwS=2.60
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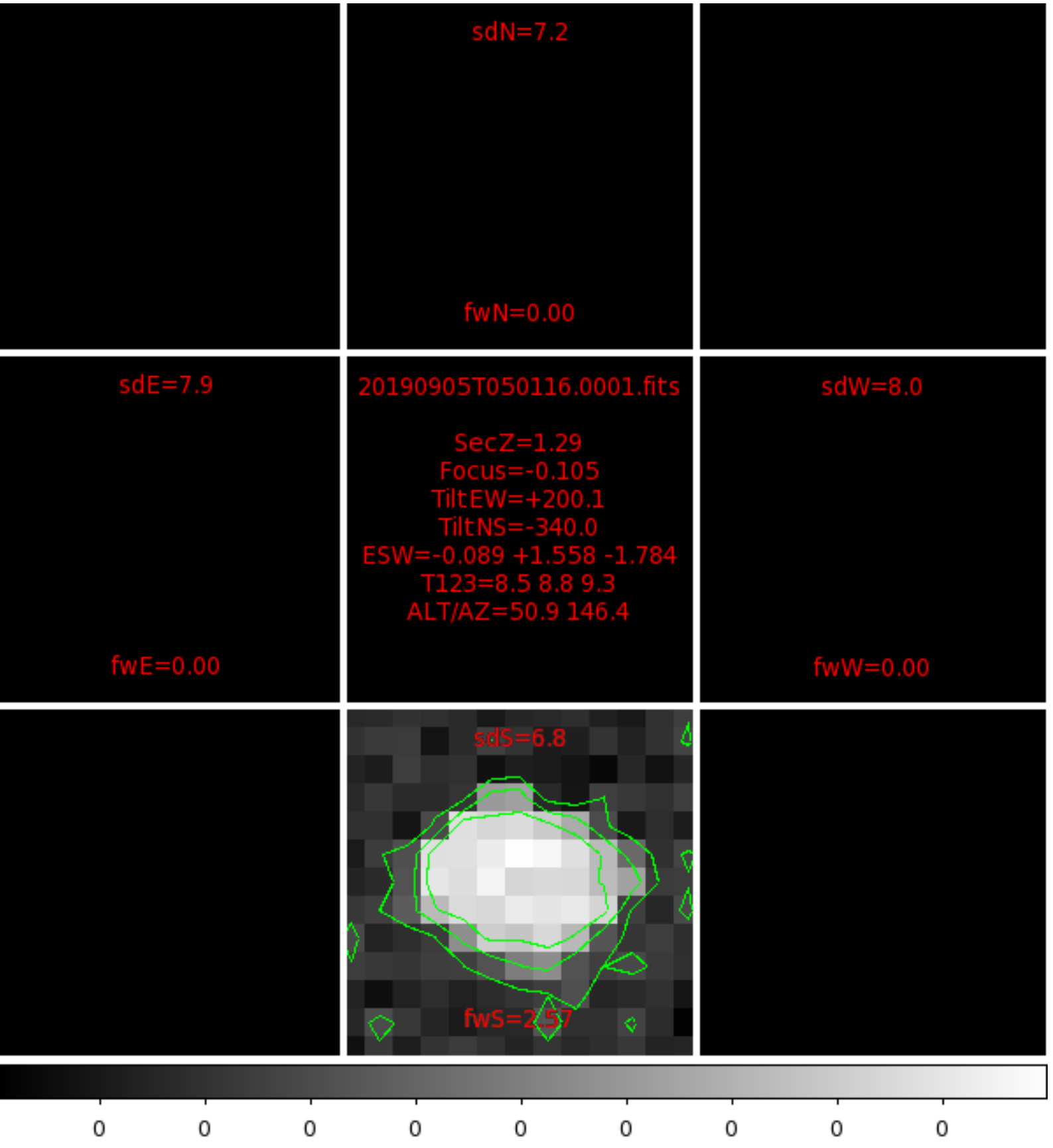
sdN=7.2
fwN=0.00
sdE=7.9
20190905T050116.0001.fits
SecZ=1.29
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.3
ALT/AZ=50.9 146.4
sdW=8.0
fwE=0.00
fwW=0.00
sdS=6.8
fwS=2.57
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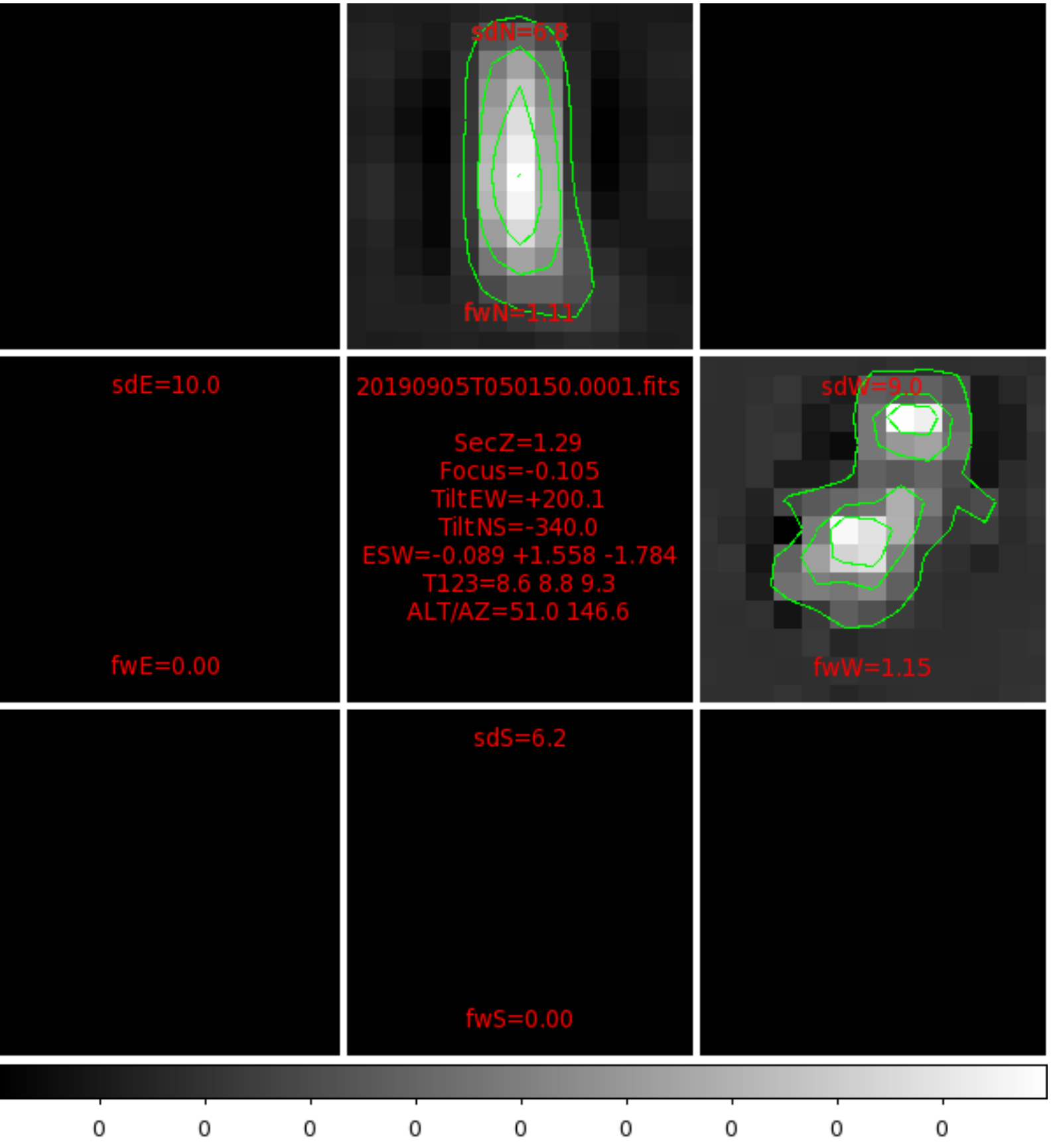
sdN=6.8
fwN=1.11
sdE=10.0
20190905T050150.0001.fits
SecZ=1.29
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.8 9.3
ALT/AZ=51.0 146.6
sdW=9.0
fwE=0.00
fwW=1.15
sdS=6.2
fwS=0.00
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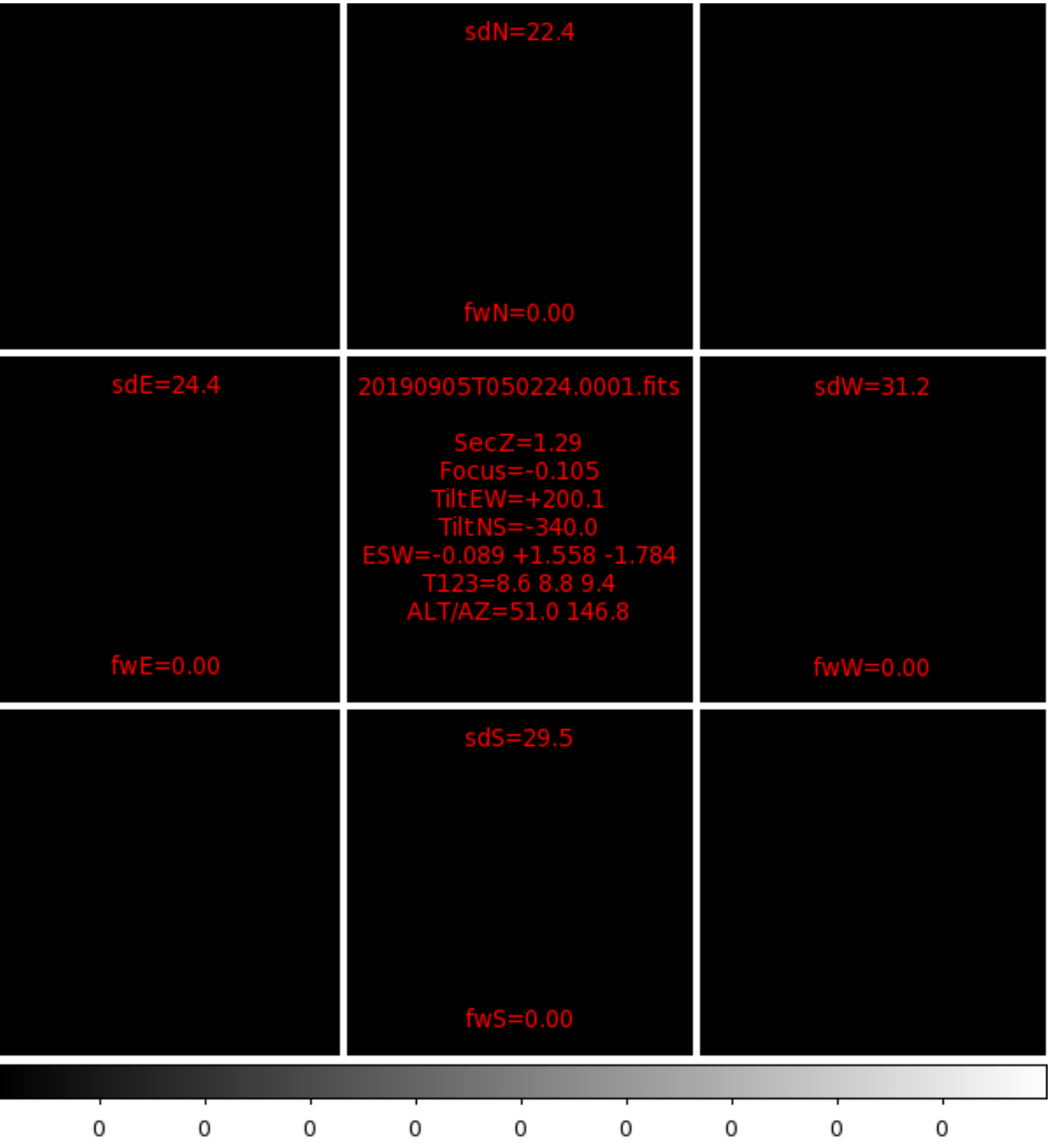
sdN=22.4
fwN=0.00
sdE=24.4
fwE=0.00
20190905T050224.0001.fits
SecZ=1.29
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.8 9.4
ALT/AZ=51.0 146.8
sdW=31.2
fwW=0.00
sdS=29.5
fwS=0.00
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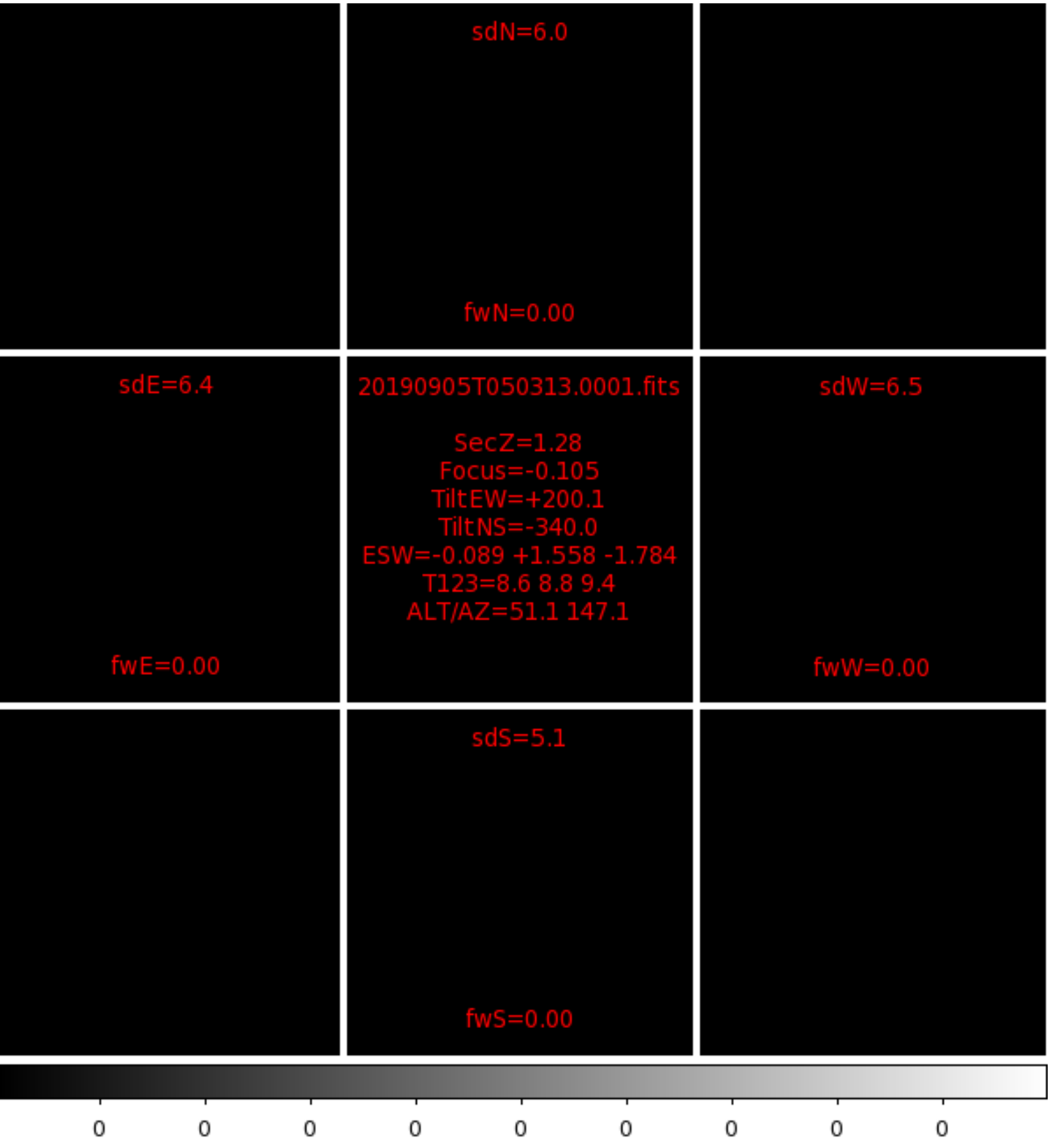
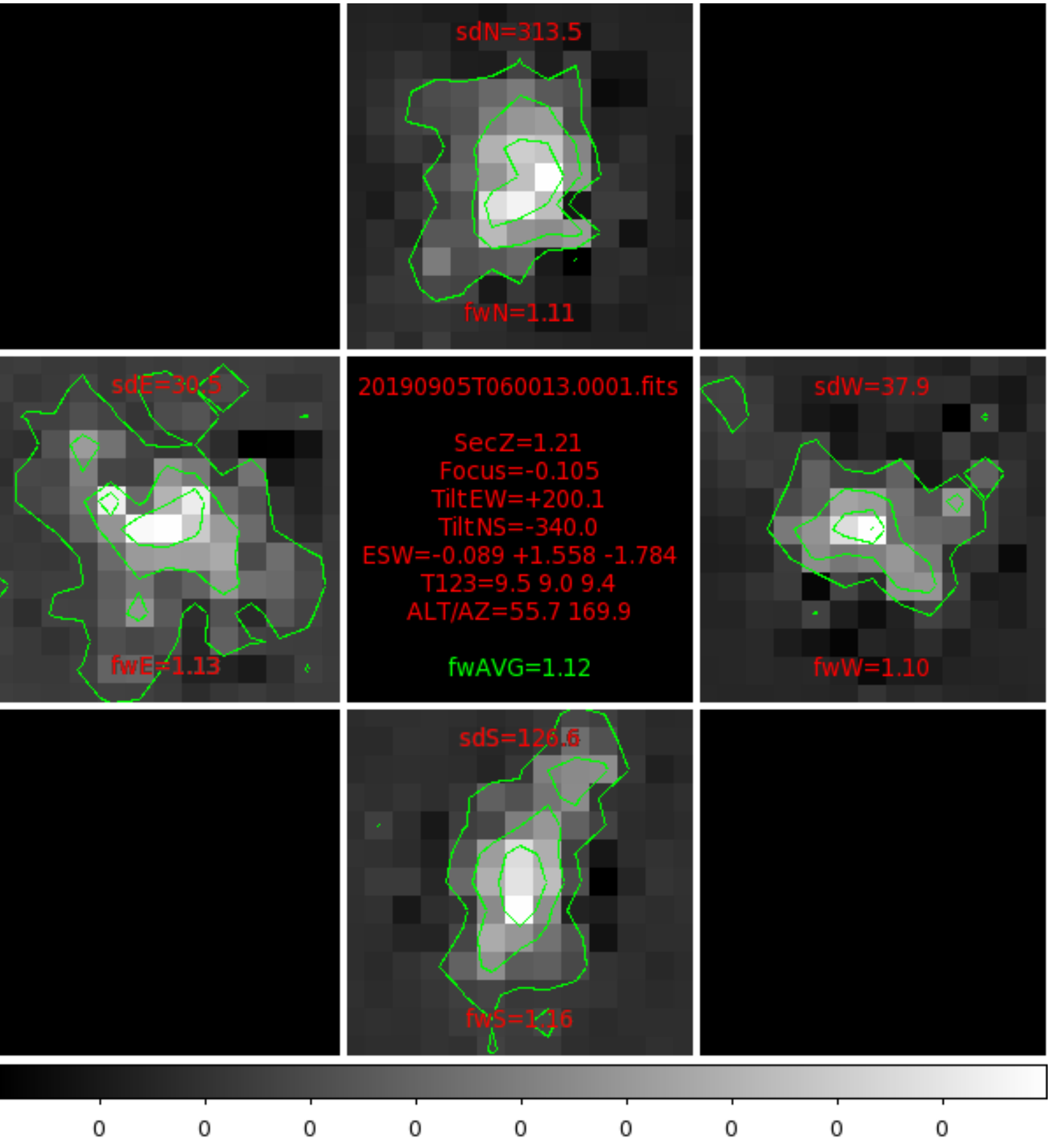

sdN=6.0
fwN=0.00
sdE=6.4
20190905T050313.0001.fits
SecZ=1.28
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.8 9.4
ALT/AZ=51.1 147.1
sdW=6.5
fwE=0.00
fwW=0.00
sdS=5.1
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=313.5
fwN=1.11
sdE=30.5
fwE=1.13
20190905T060013.0001.fits
SecZ=1.21
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.5 9.0 9.4
ALT/AZ=55.7 169.9
fwAVG=1.12
sdW=37.9
fwW=1.10
sdS=126.6
fwS=1.16
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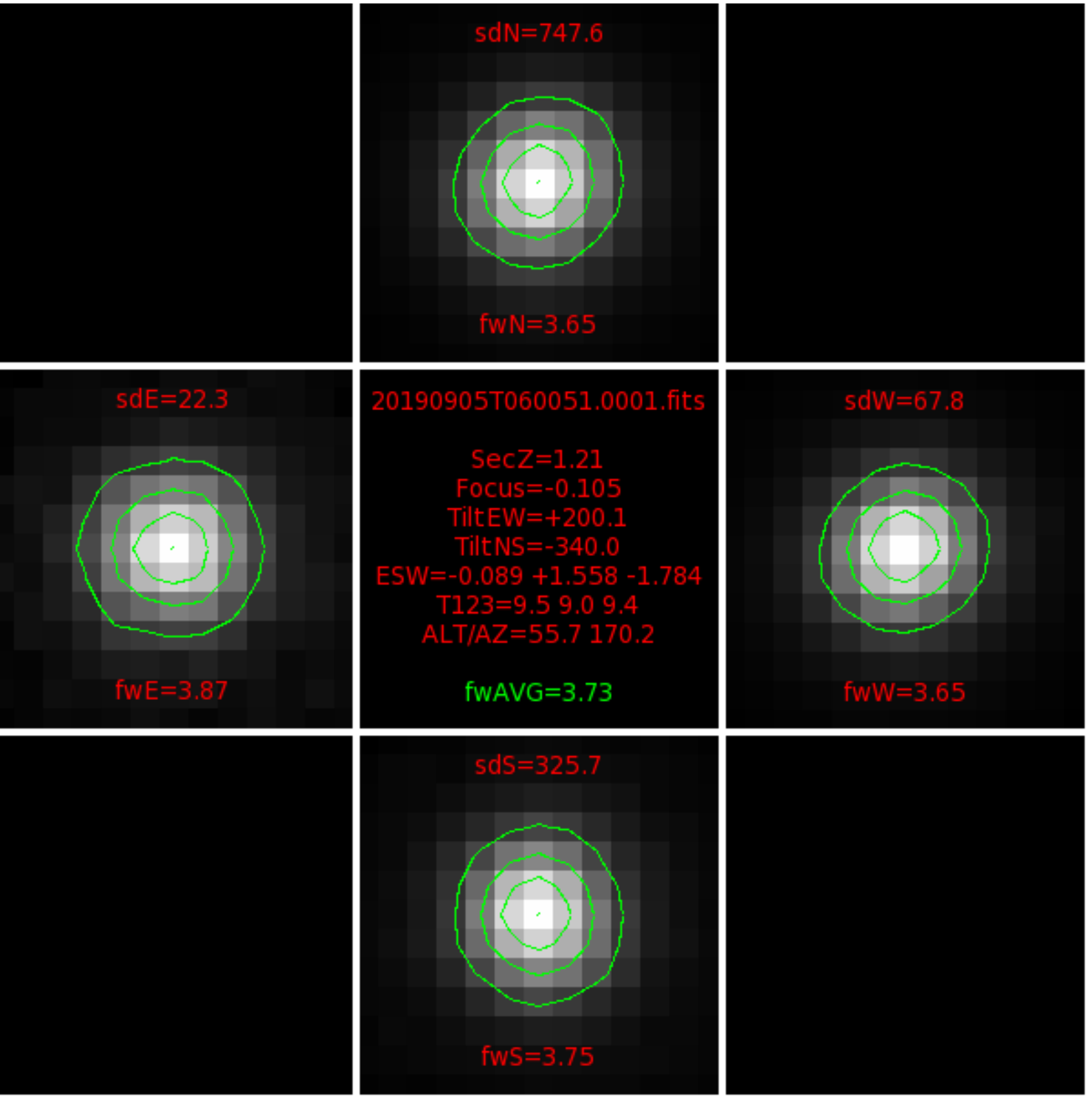
sdN=747.6
fwN=3.65
sdE=22.3
fwE=3.87
20190905T060051.0001.fits
SecZ=1.21
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.5 9.0 9.4
ALT/AZ=55.7 170.2
fwAVG=3.73
sdW=67.8
fwW=3.65
sdS=325.7
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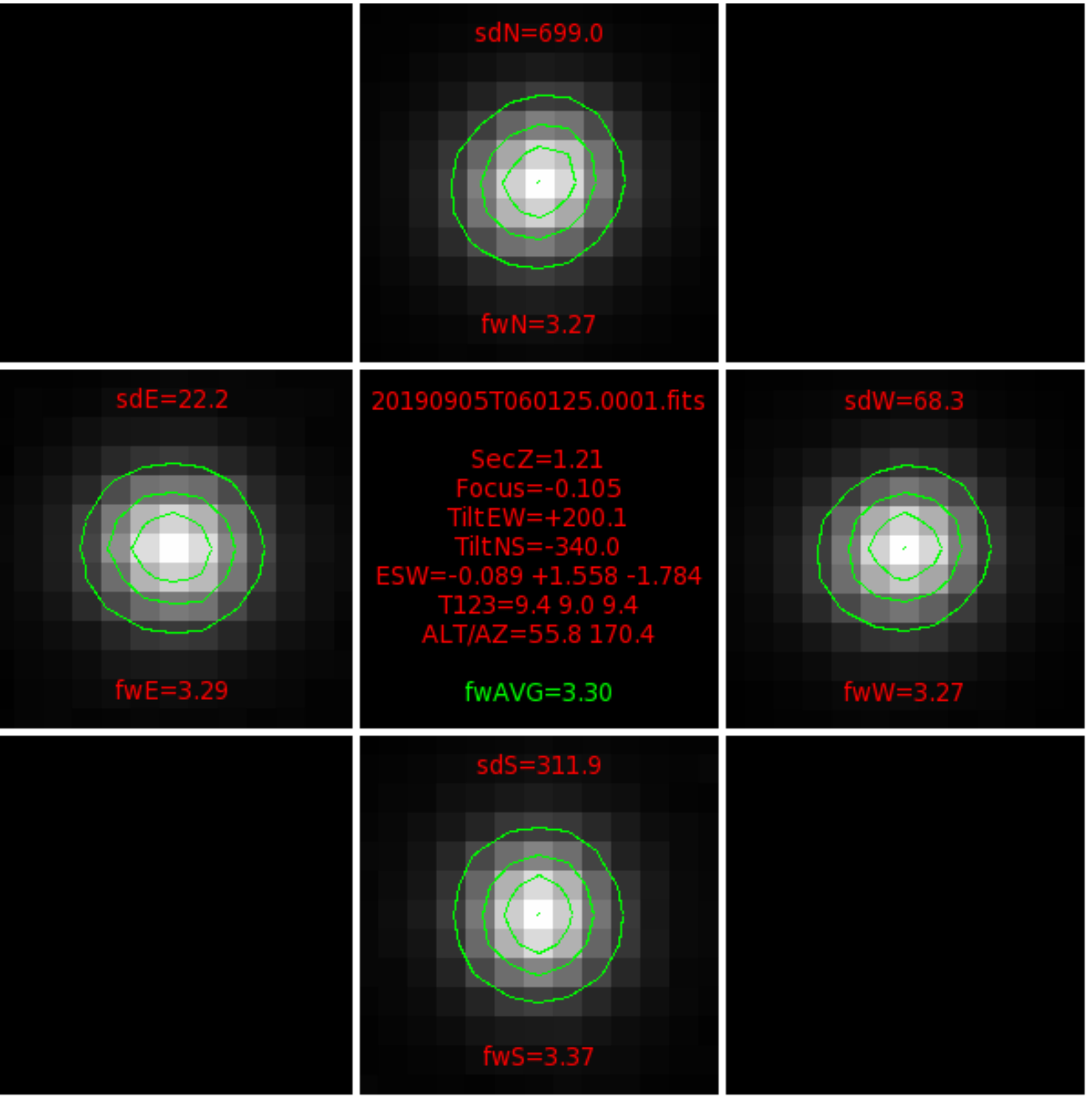
sdN=699.0
fwN=3.27
sdE=22.2
fwE=3.29
20190905T060125.0001.fits
SecZ=1.21
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.4 9.0 9.4
ALT/AZ=55.8 170.4
fwAVG=3.30
sdW=68.3
fwW=3.27
sdS=311.9
fwS=3.37
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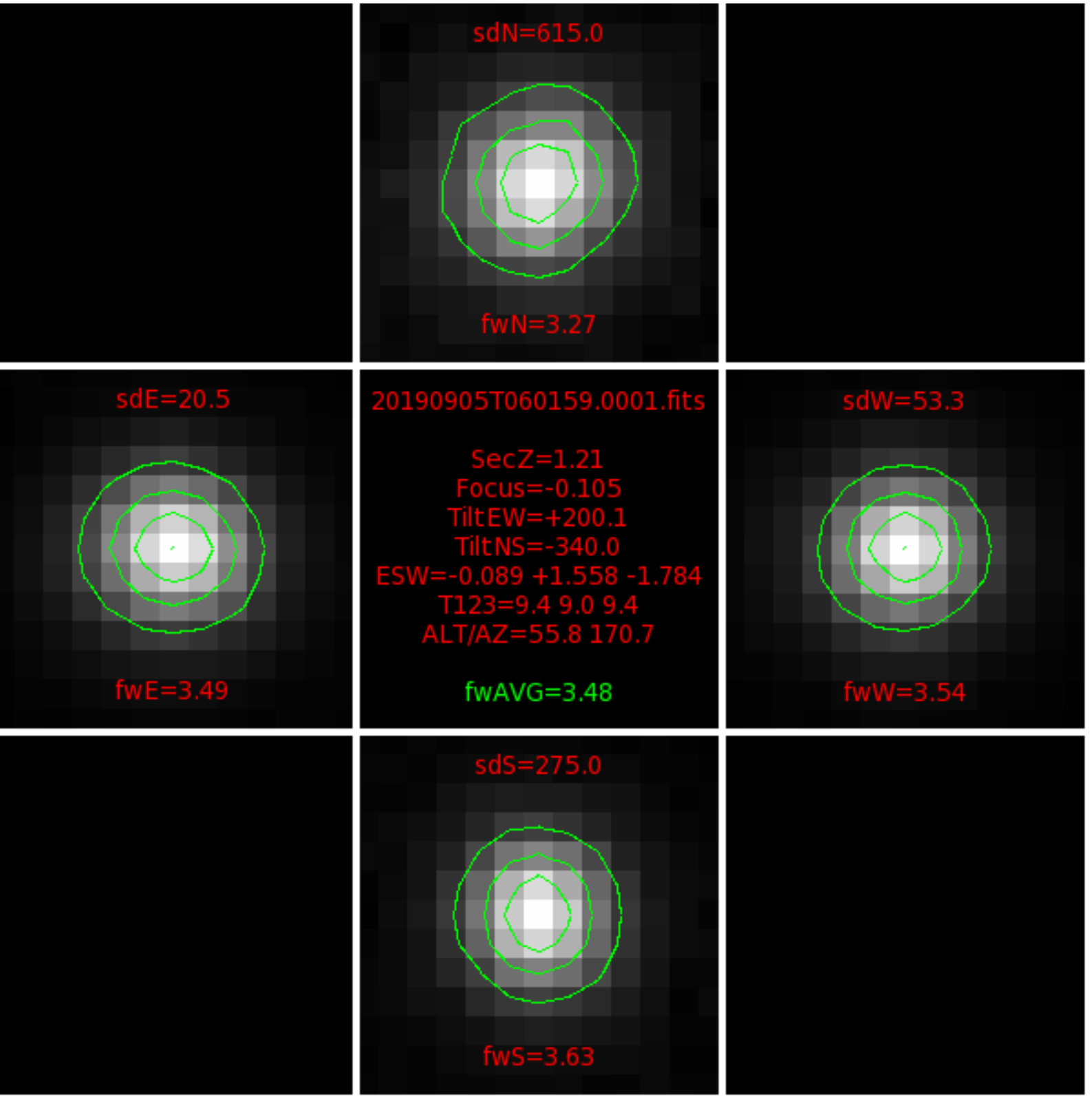
sdN=615.0
fwN=3.27
sdE=20.5
fwE=3.49
20190905T060159.0001.fits
SecZ=1.21
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.4 9.0 9.4
ALT/AZ=55.8 170.7
fwAVG=3.48
sdW=53.3
fwW=3.54
sdS=275.0
fwS=3.63
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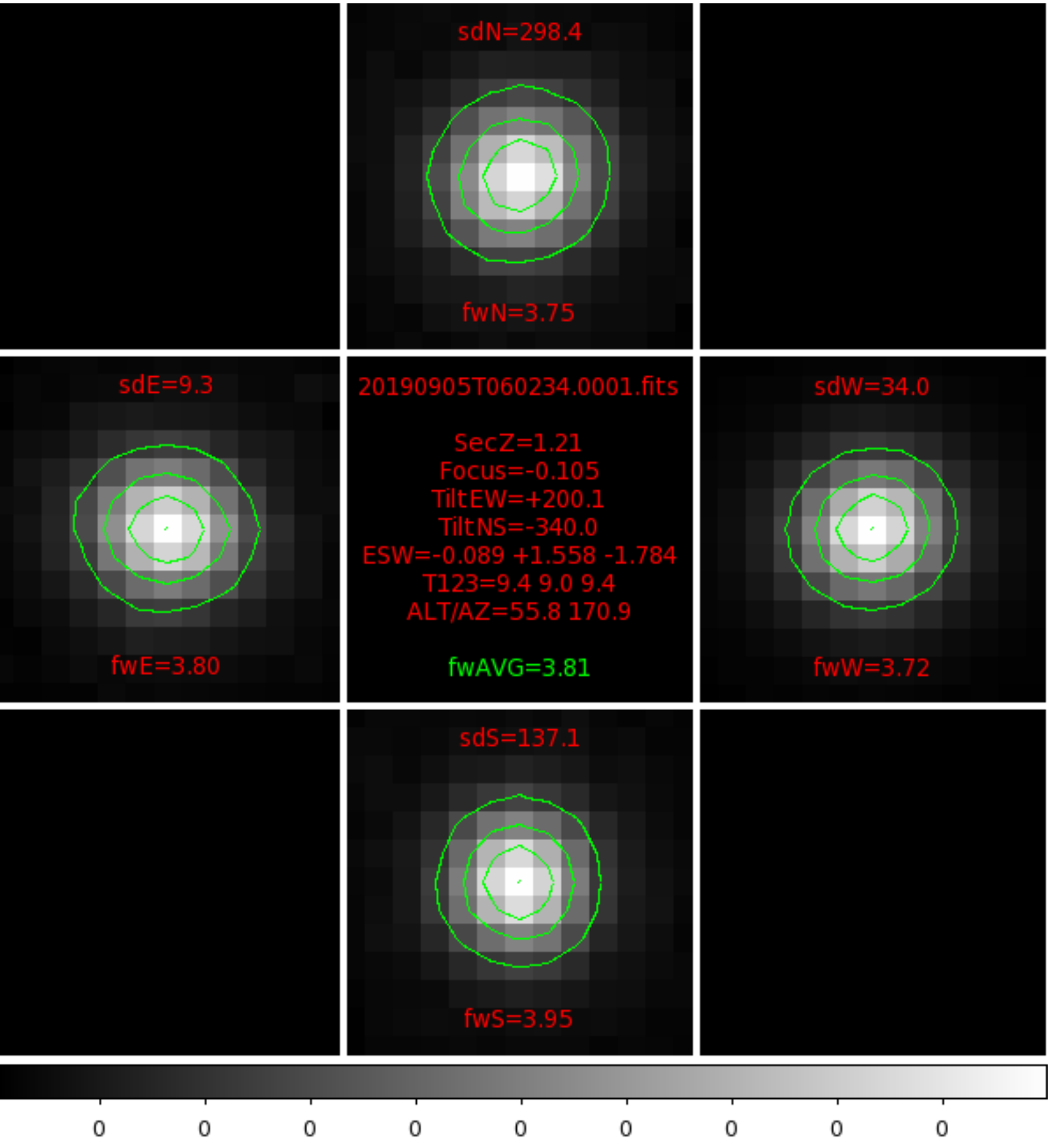
sdN=298.4
fwN=3.75
sdE=9.3
fwE=3.80
20190905T060234.0001.fits
SecZ=1.21
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.4 9.0 9.4
ALT/AZ=55.8 170.9
fwAVG=3.81
sdW=34.0
fwW=3.72
sdS=137.1
fwS=3.95
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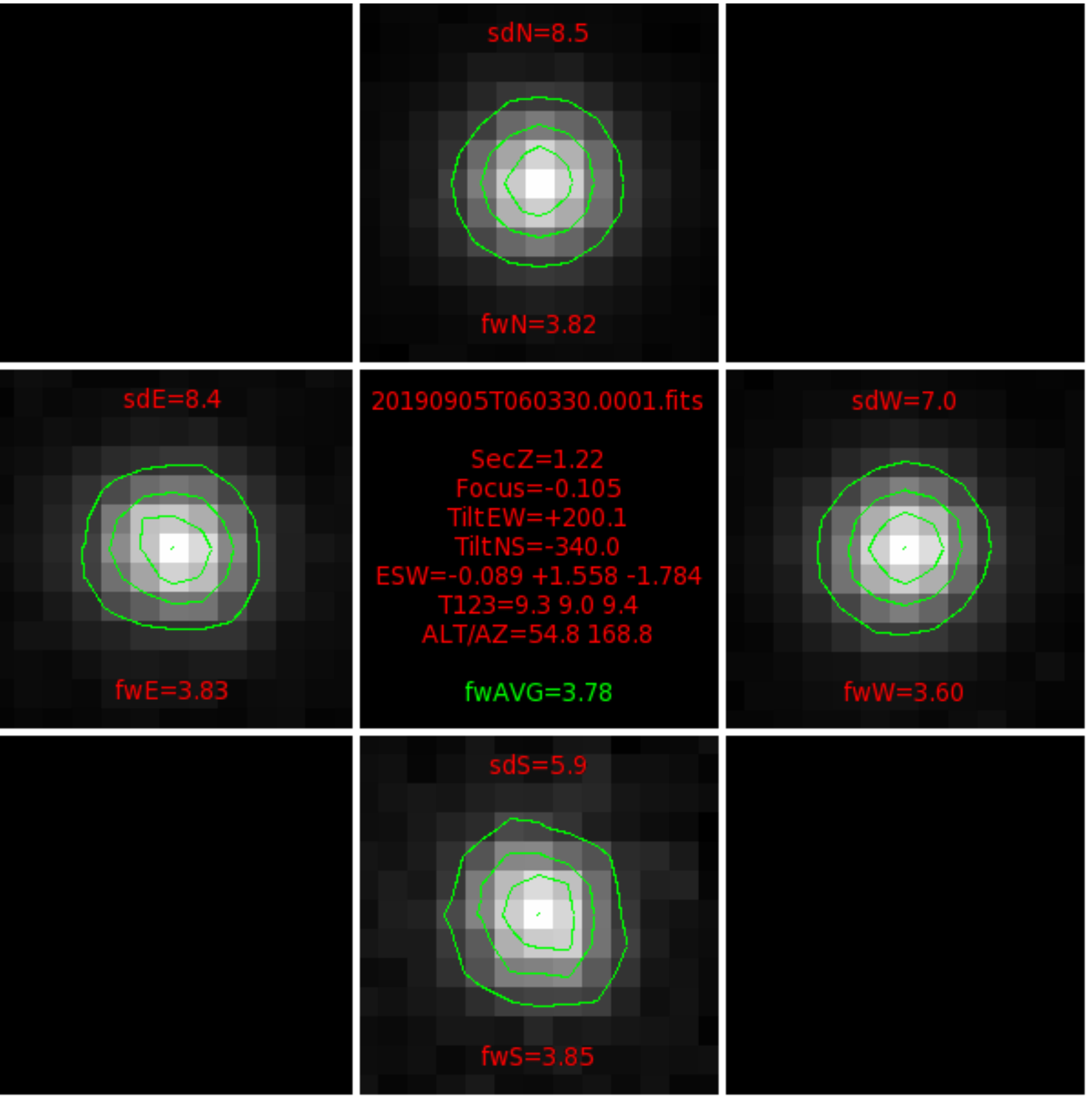
sdN=8.5
fwN=3.82
sdE=8.4
fwE=3.83
20190905T060330.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.3 9.0 9.4
ALT/AZ=54.8 168.8
fwAVG=3.78
sdW=7.0
fwW=3.60
sdS=5.9
fwS=3.85
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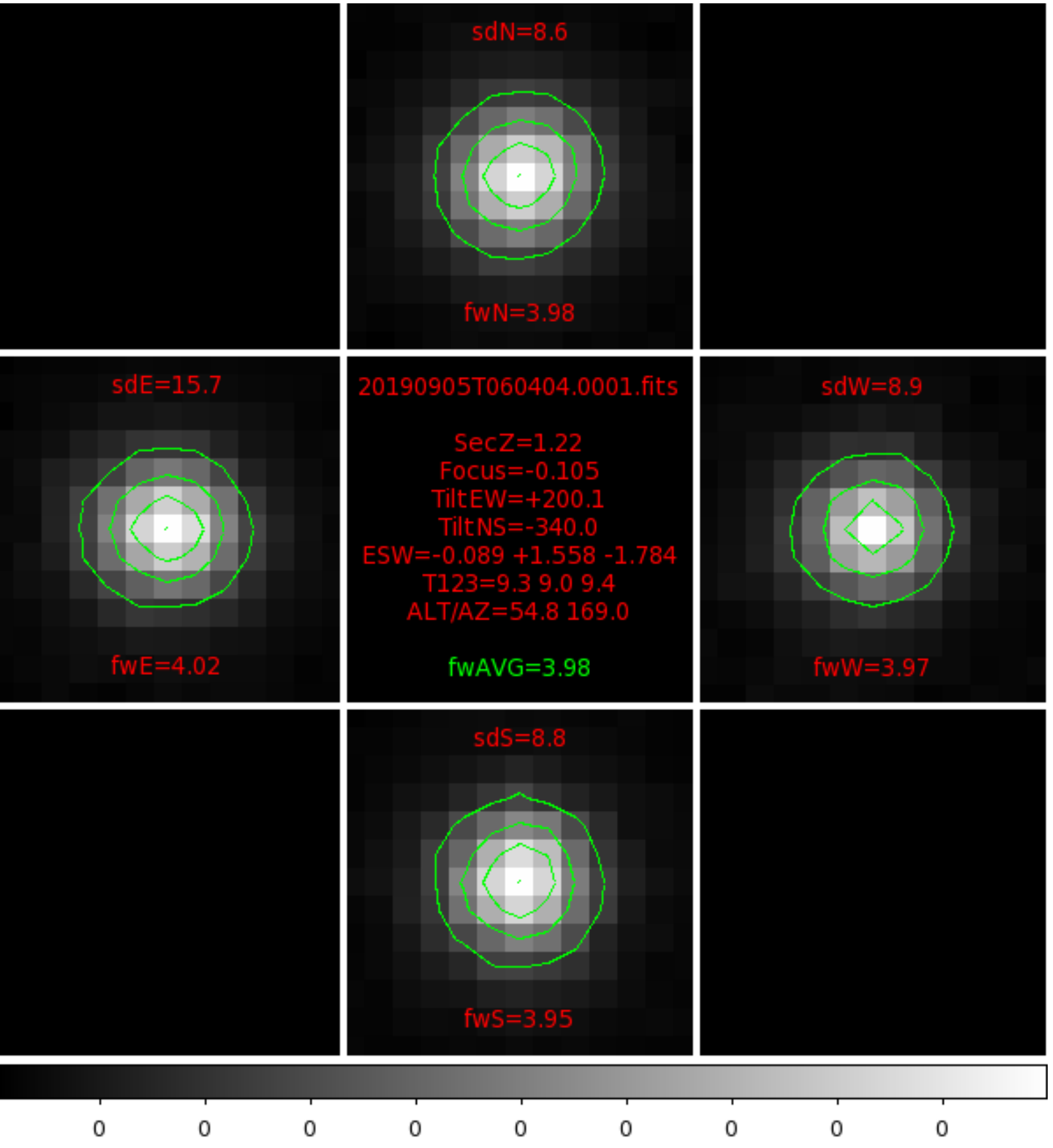
sdN=8.6
fwN=3.98
sdE=15.7
fwE=4.02
20190905T060404.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.3 9.0 9.4
ALT/AZ=54.8 169.0
fwAVG=3.98
sdW=8.9
fwW=3.97
sdS=8.8
fwS=3.95
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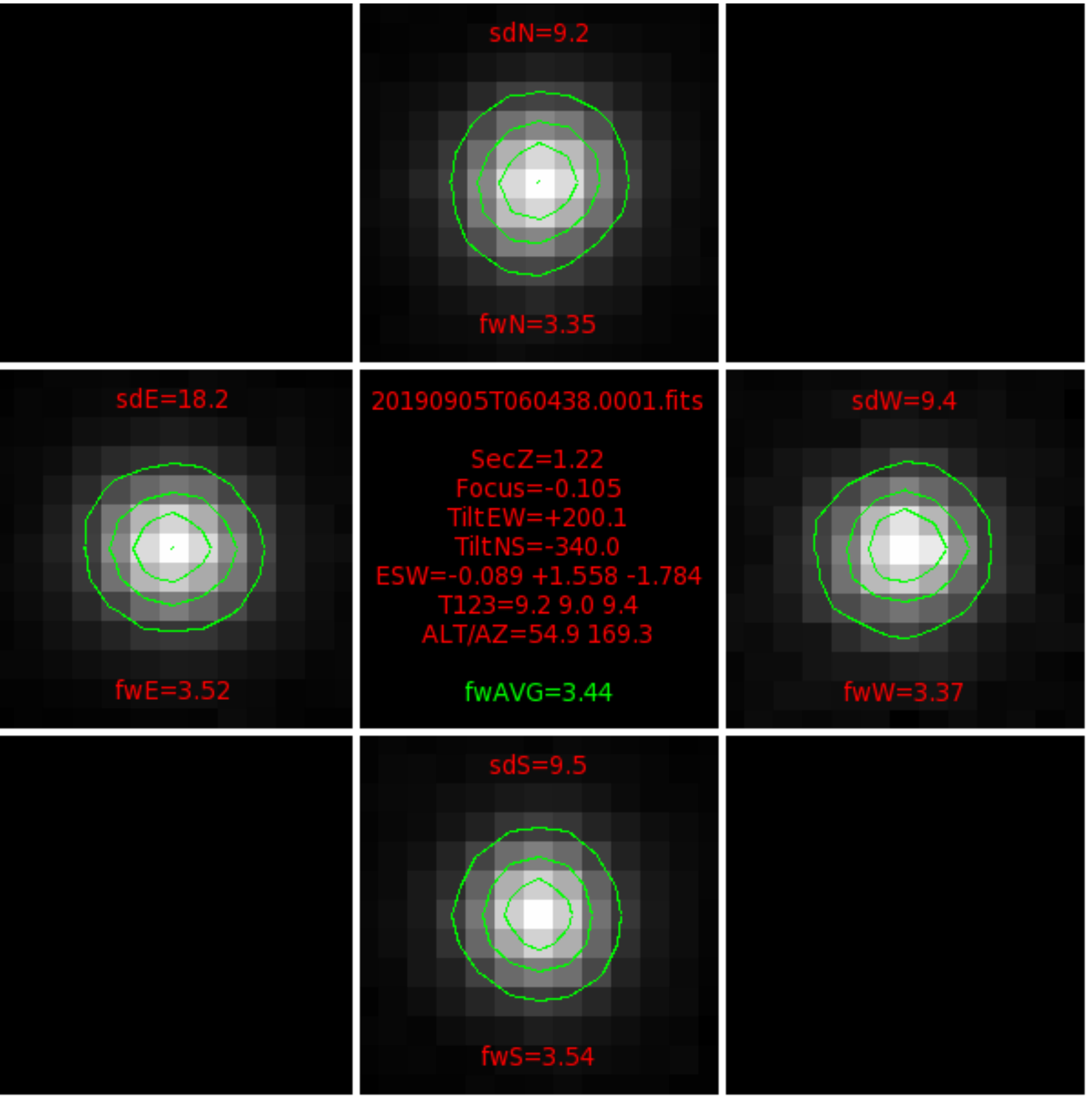
sdN=9.2
fwN=3.35
sdE=18.2
fwE=3.52
20190905T060438.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.2 9.0 9.4
ALT/AZ=54.9 169.3
fwAVG=3.44
sdW=9.4
fwW=3.37
sdS=9.5
fwS=3.54
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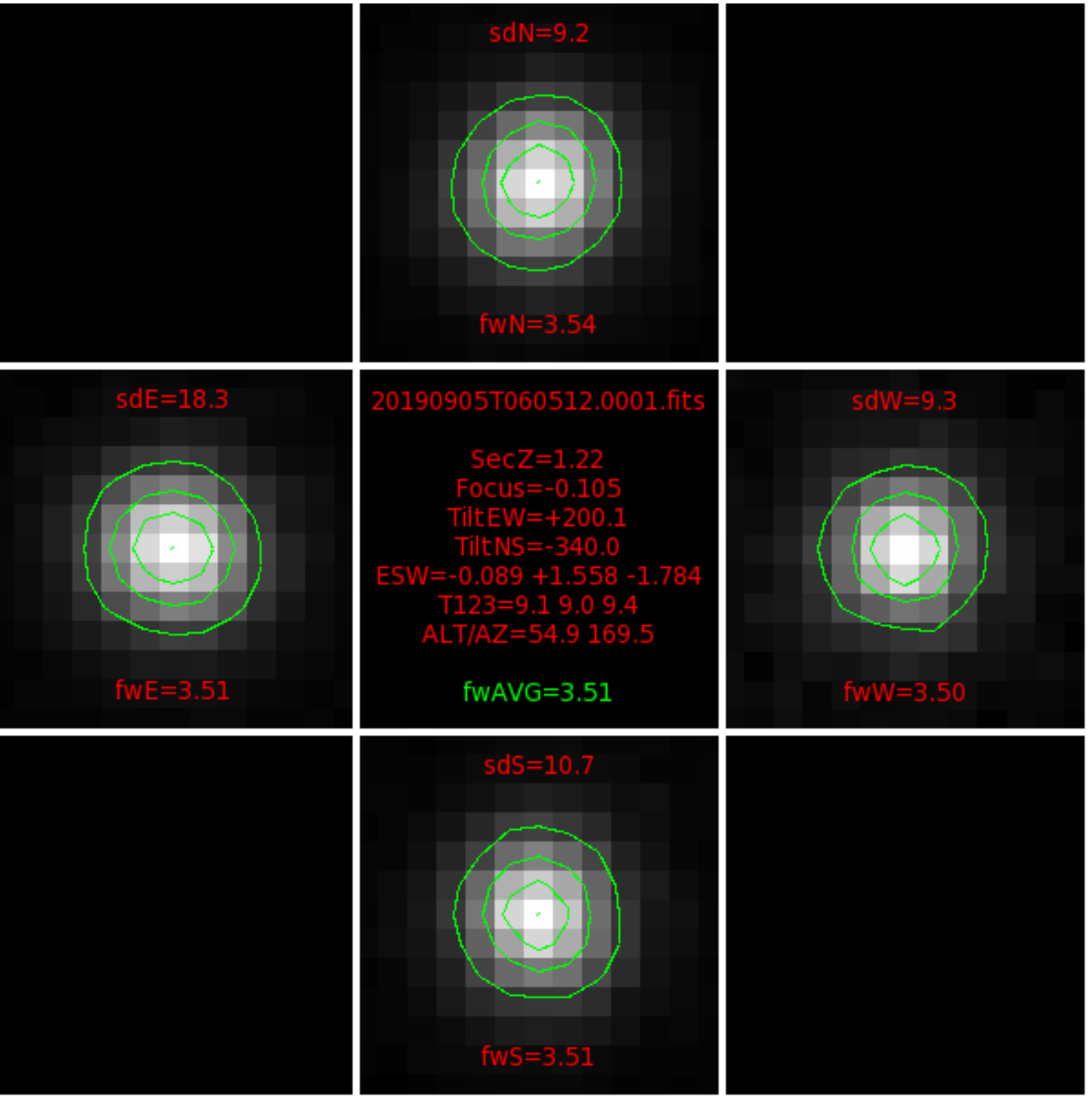
sdN=9.2
fwN=3.54
sdE=18.3
fwE=3.51
20190905T060512.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.1 9.0 9.4
ALT/AZ=54.9 169.5
fwAVG=3.51
sdW=9.3
fwW=3.50
sdS=10.7
fwS=3.51
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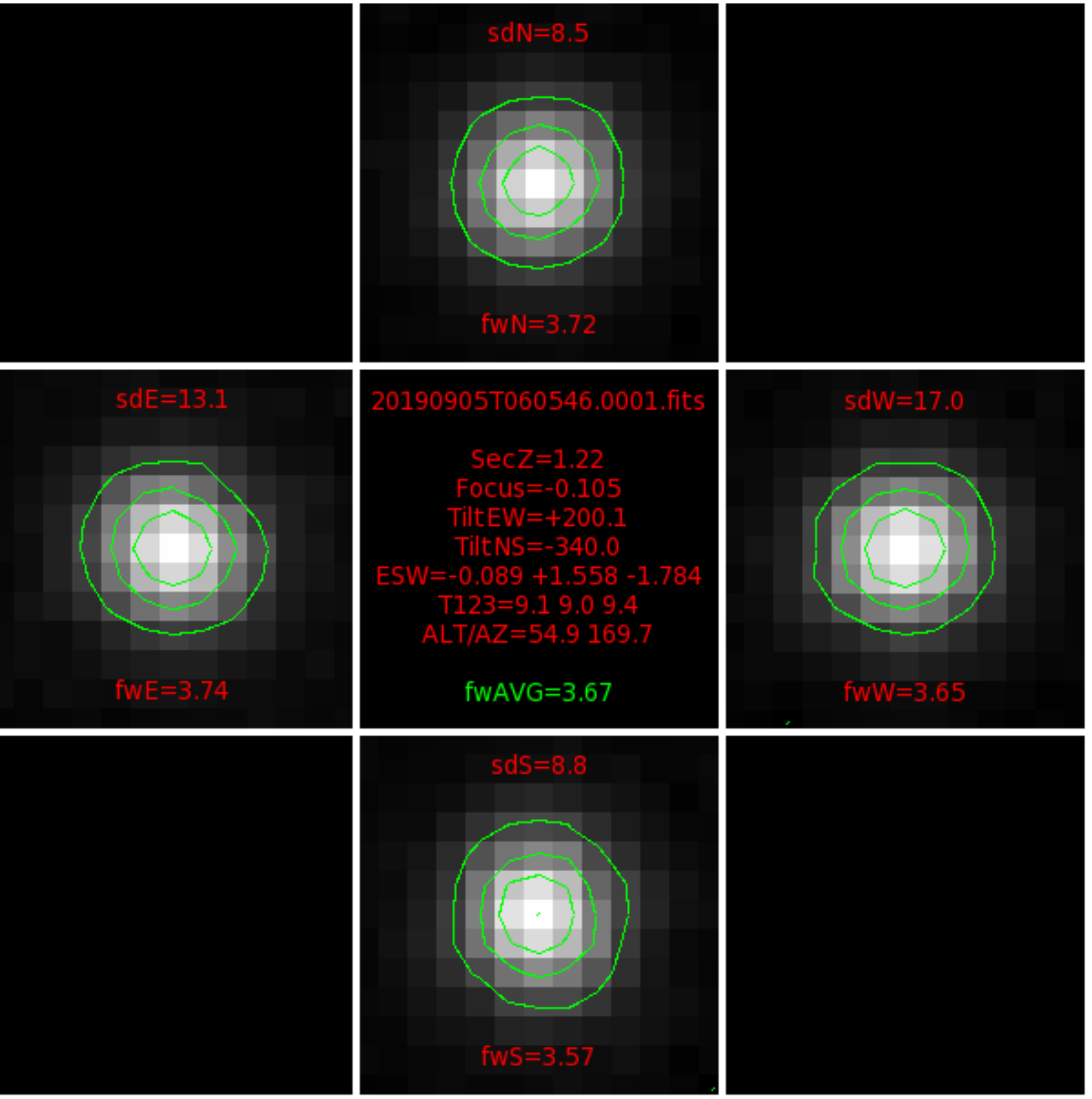
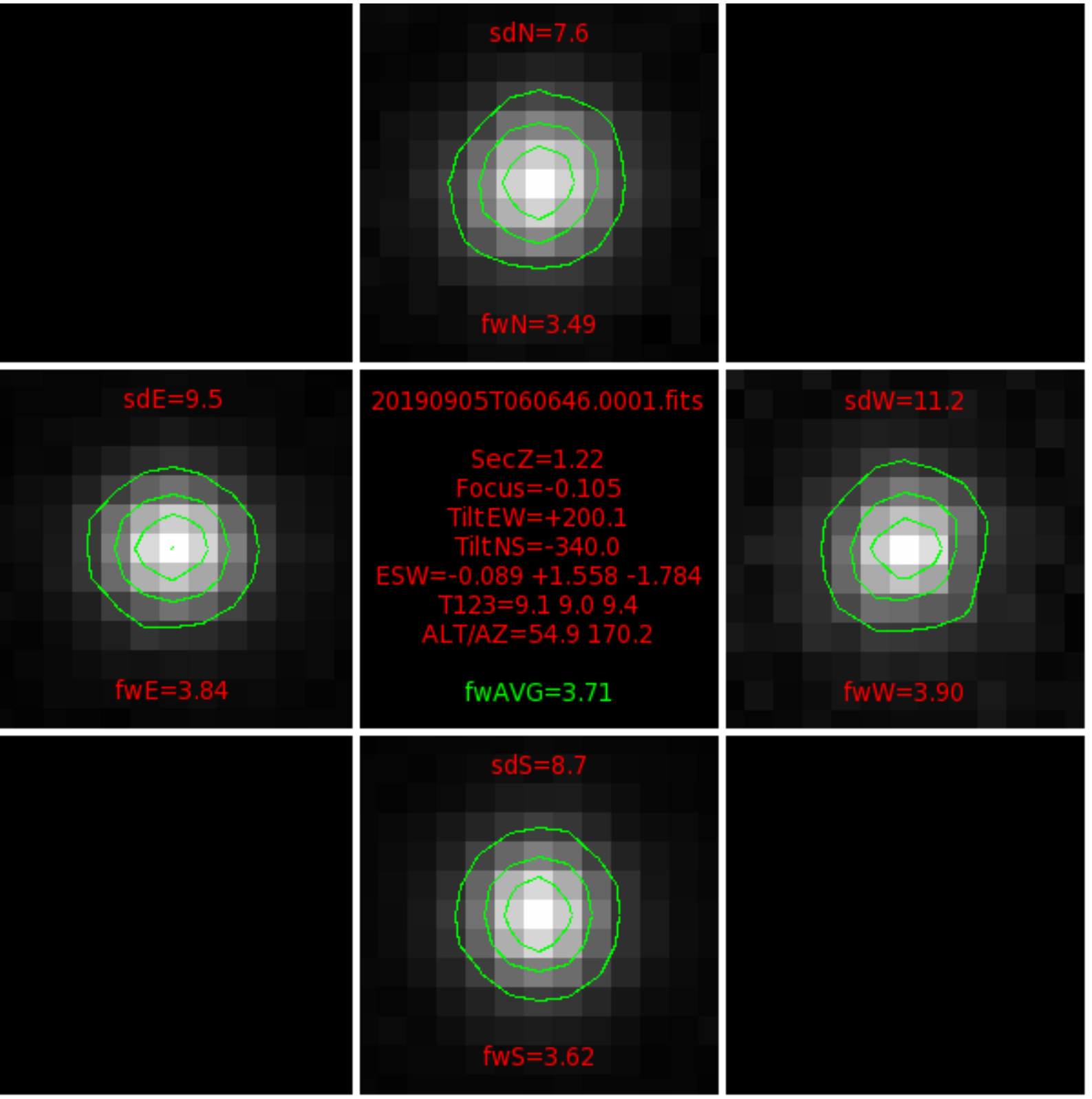
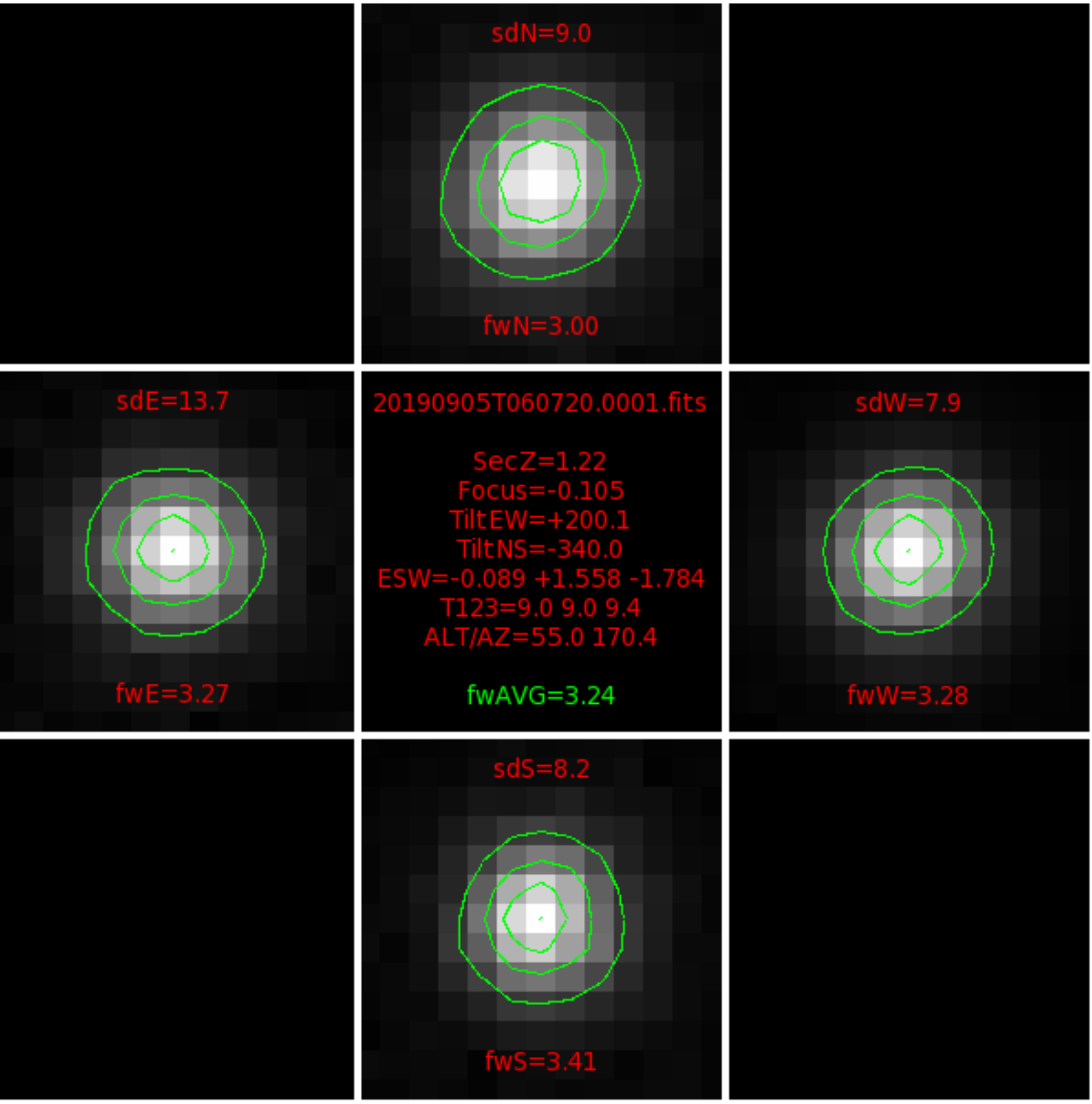

sdN=8.5
fwN=3.72
sdE=13.1
fwE=3.74
20190905T060546.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.1 9.0 9.4
ALT/AZ=54.9 169.7
fwAVG=3.67
sdW=17.0
fwW=3.65
sdS=8.8
fwS=3.57
0 0 0 0 0 0 0 0 0


sdN=7.6
fwN=3.49
sdE=9.5
fwE=3.84
20190905T060646.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.1 9.0 9.4
ALT/AZ=54.9 170.2
fwAVG=3.71
sdW=11.2
fwW=3.90
sdS=8.7
fwS=3.62
0 0 0 0 0 0 0 0 0


sdN=9.0
fwN=3.00
sdE=13.7
fwE=3.27
20190905T060720.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.0 9.0 9.4
ALT/AZ=55.0 170.4
fwAVG=3.24
sdW=7.9
fwW=3.28
sdS=8.2
fwS=3.41
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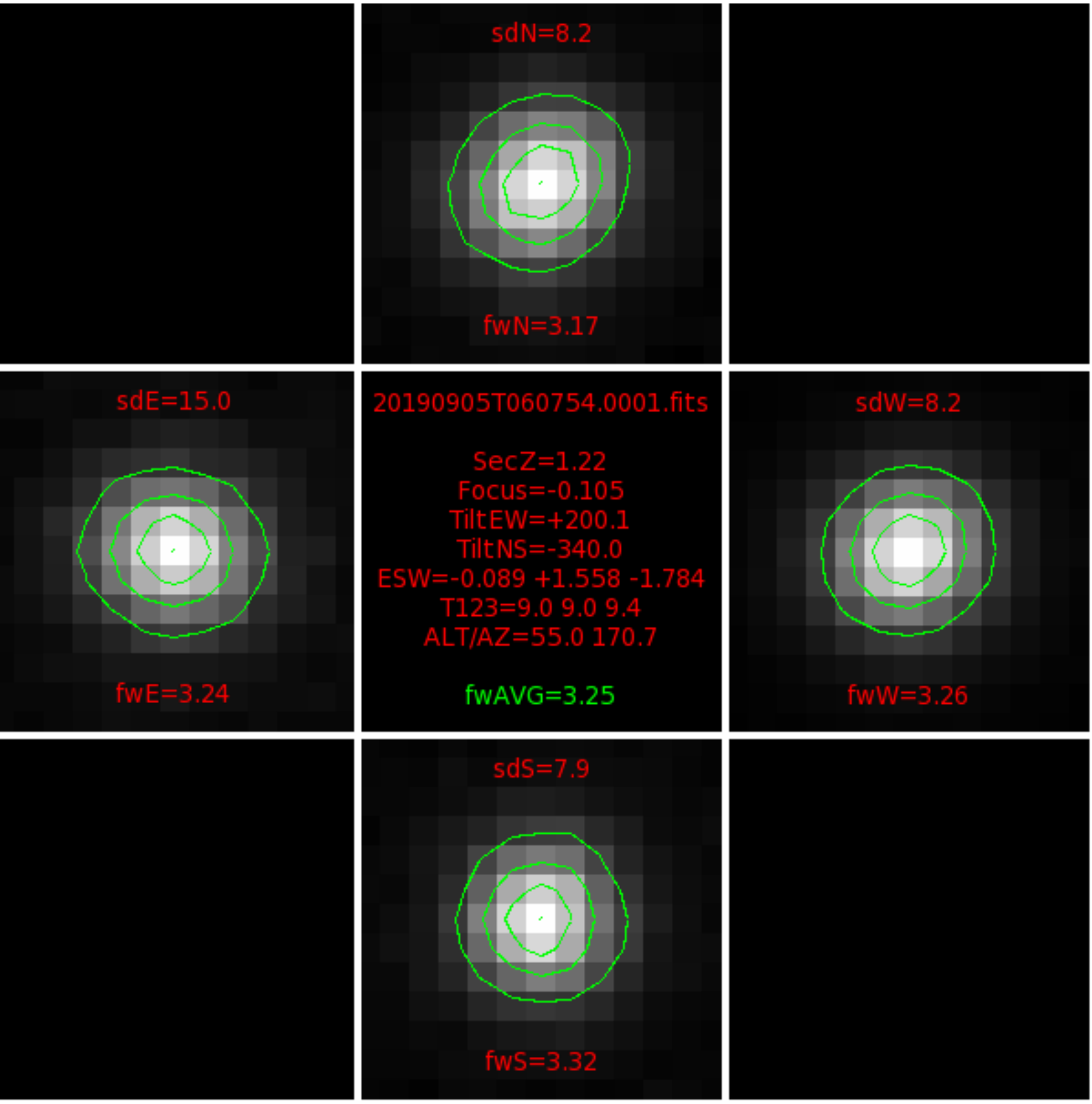
sdN=8.2
fwN=3.17
sdE=15.0
fwE=3.24
20190905T060754.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.0 9.0 9.4
ALT/AZ=55.0 170.7
fwAVG=3.25
sdW=8.2
fwW=3.26
sdS=7.9
fwS=3.32
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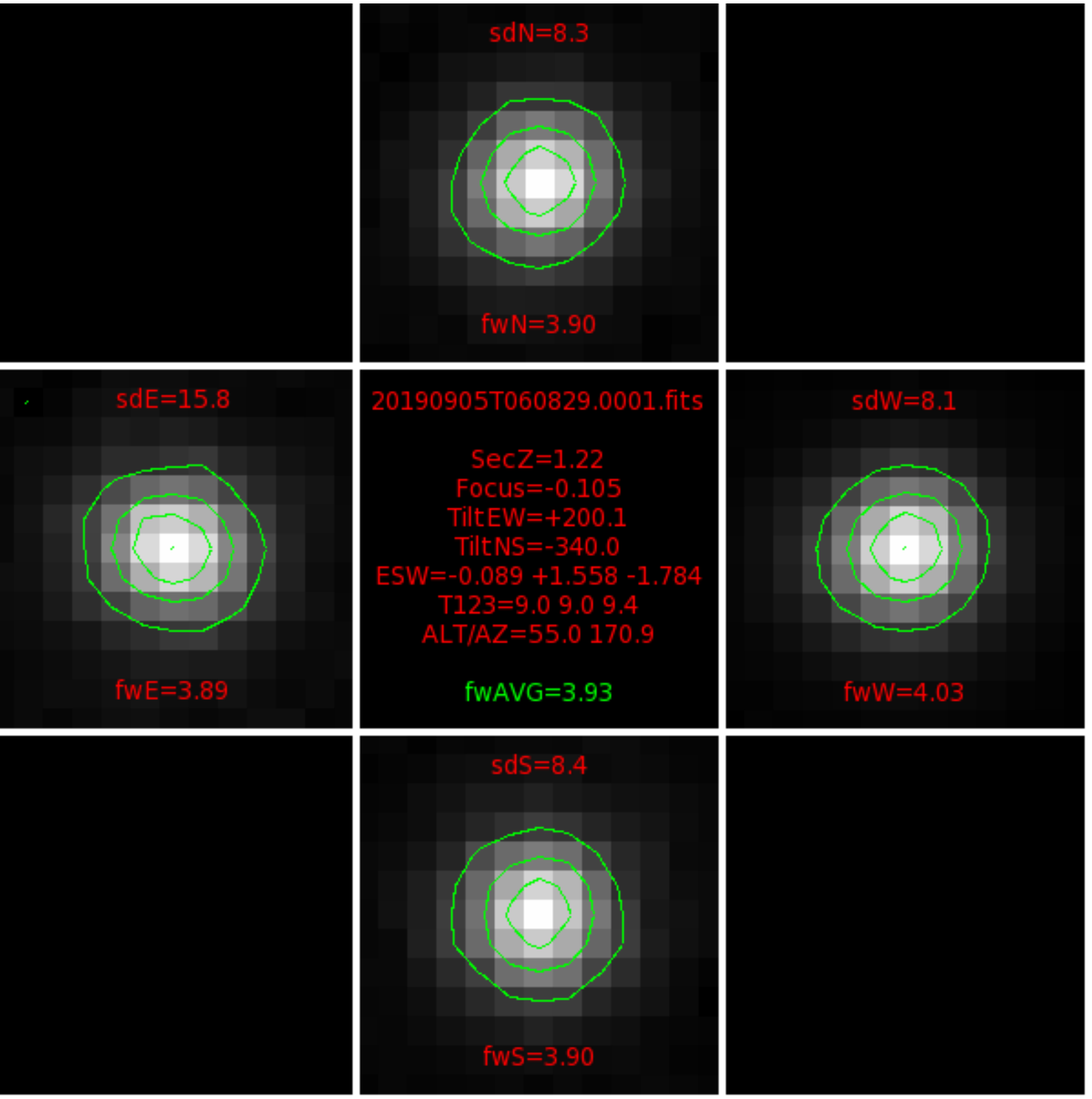
sdN=8.3
fwN=3.90
sdE=15.8
fwE=3.89
20190905T060829.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.0 9.0 9.4
ALT/AZ=55.0 170.9
fwAVG=3.93
sdW=8.1
fwW=4.03
sdS=8.4
fwS=3.90
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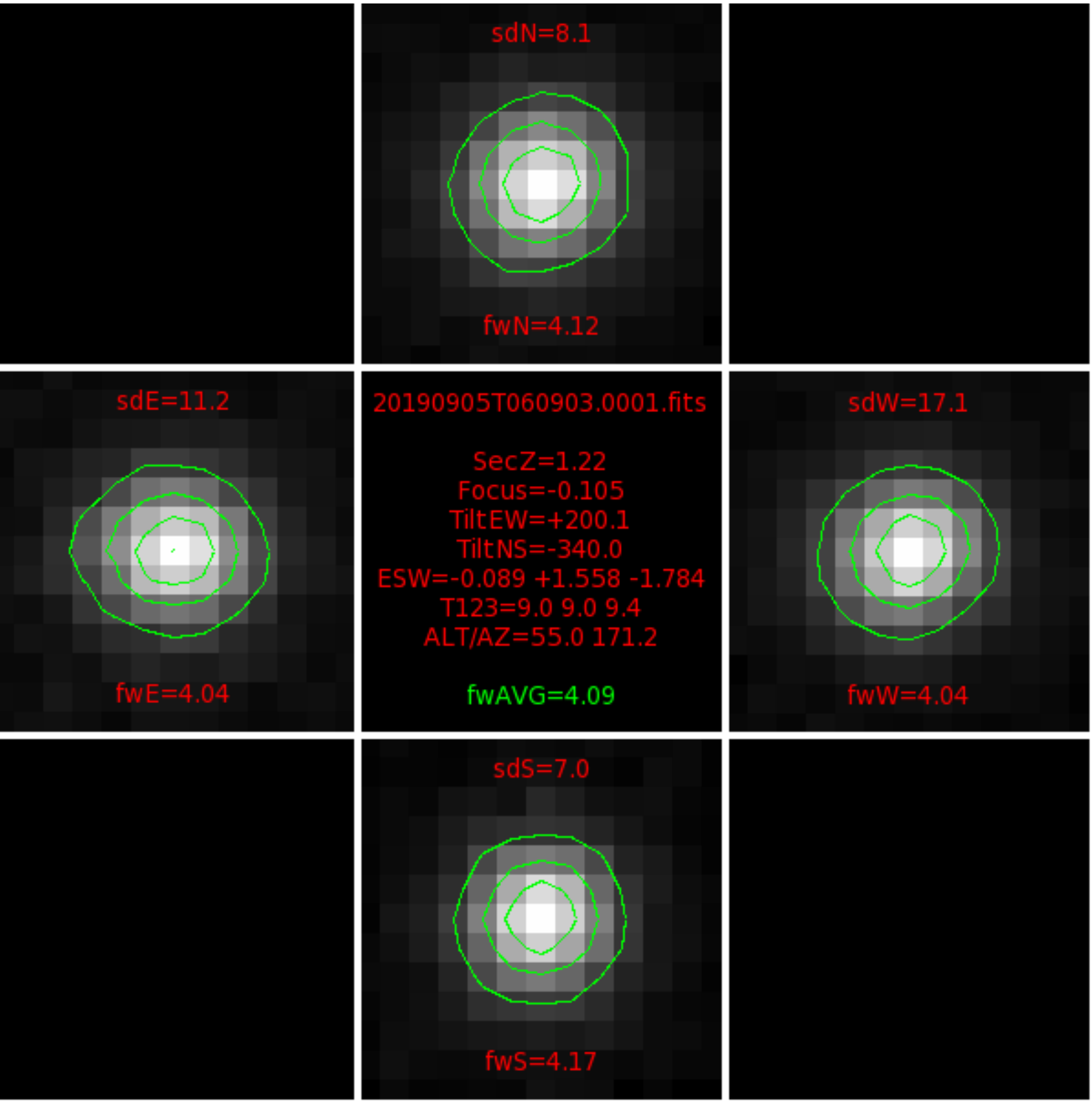
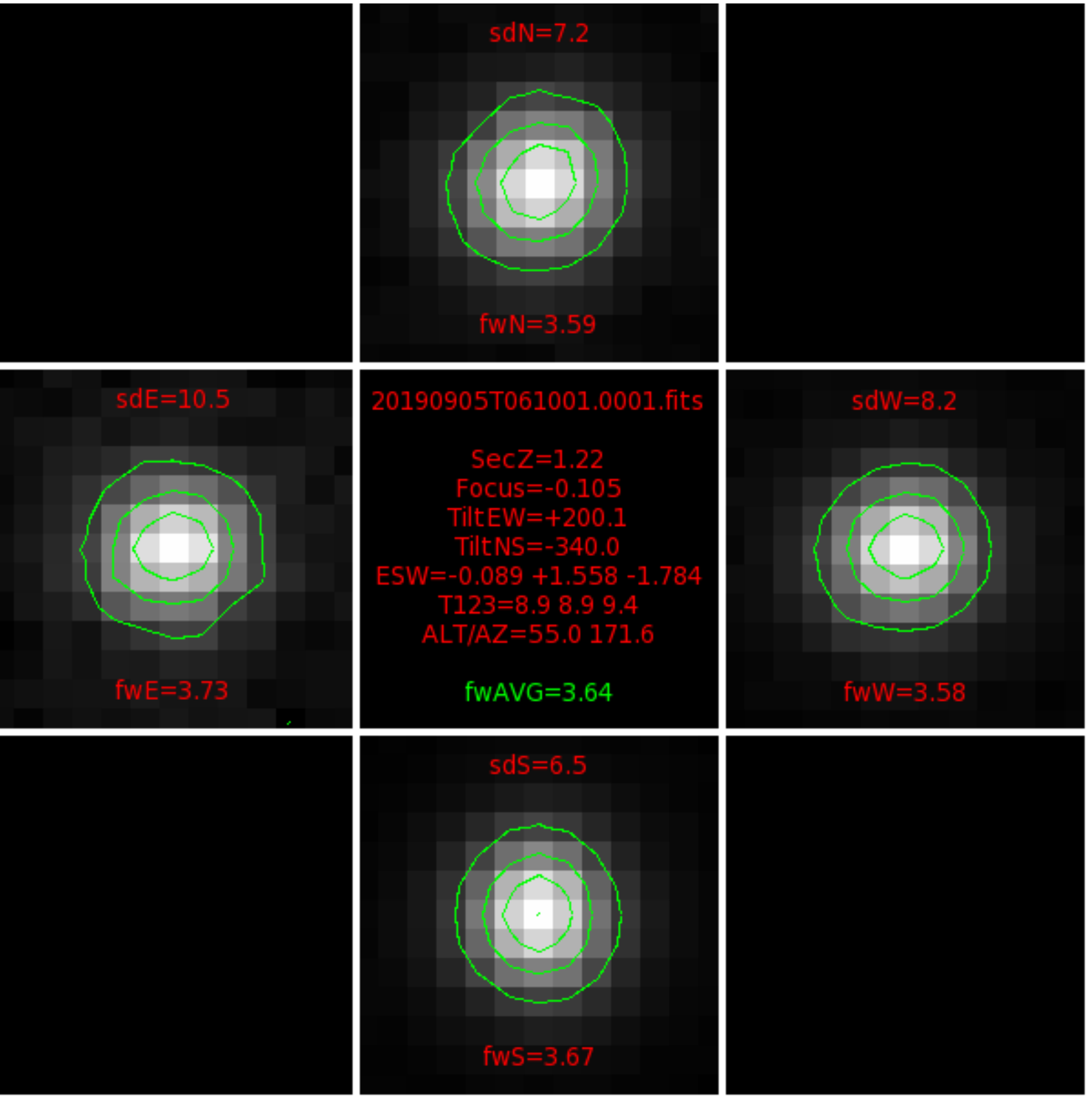

sdN=8.1
fwN=4.12
sdE=11.2
fwE=4.04
20190905T060903.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=9.0 9.0 9.4
ALT/AZ=55.0 171.2
fwAVG=4.09
sdW=17.1
fwW=4.04
sdS=7.0
fwS=4.17
0 0 0 0 0 0 0 0 0


sdN=7.2
fwN=3.59
sdE=10.5
fwE=3.73
20190905T061001.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.9 8.9 9.4
ALT/AZ=55.0 171.6
fwAVG=3.64
sdW=8.2
fwW=3.58
sdS=6.5
fwS=3.67
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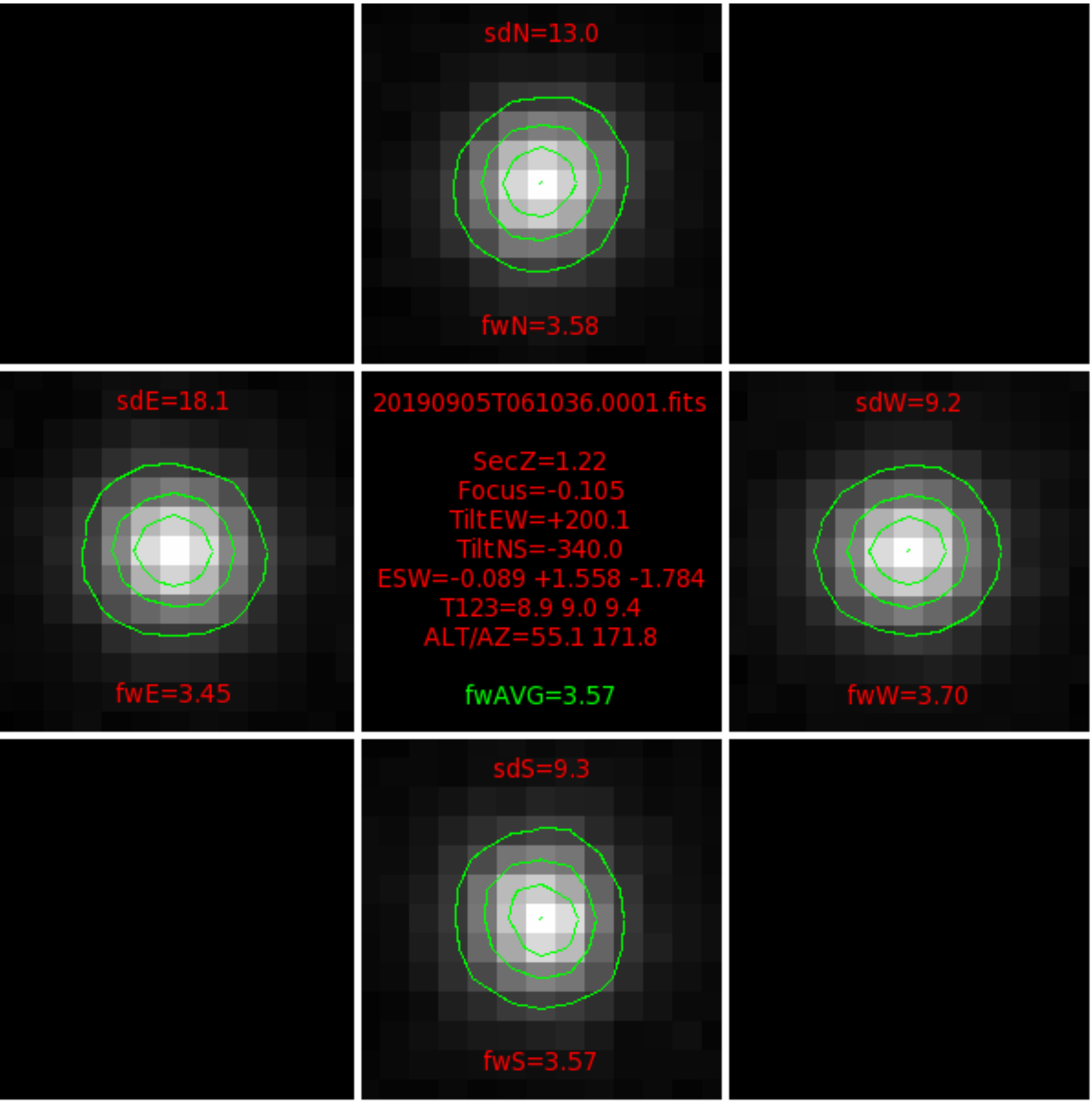
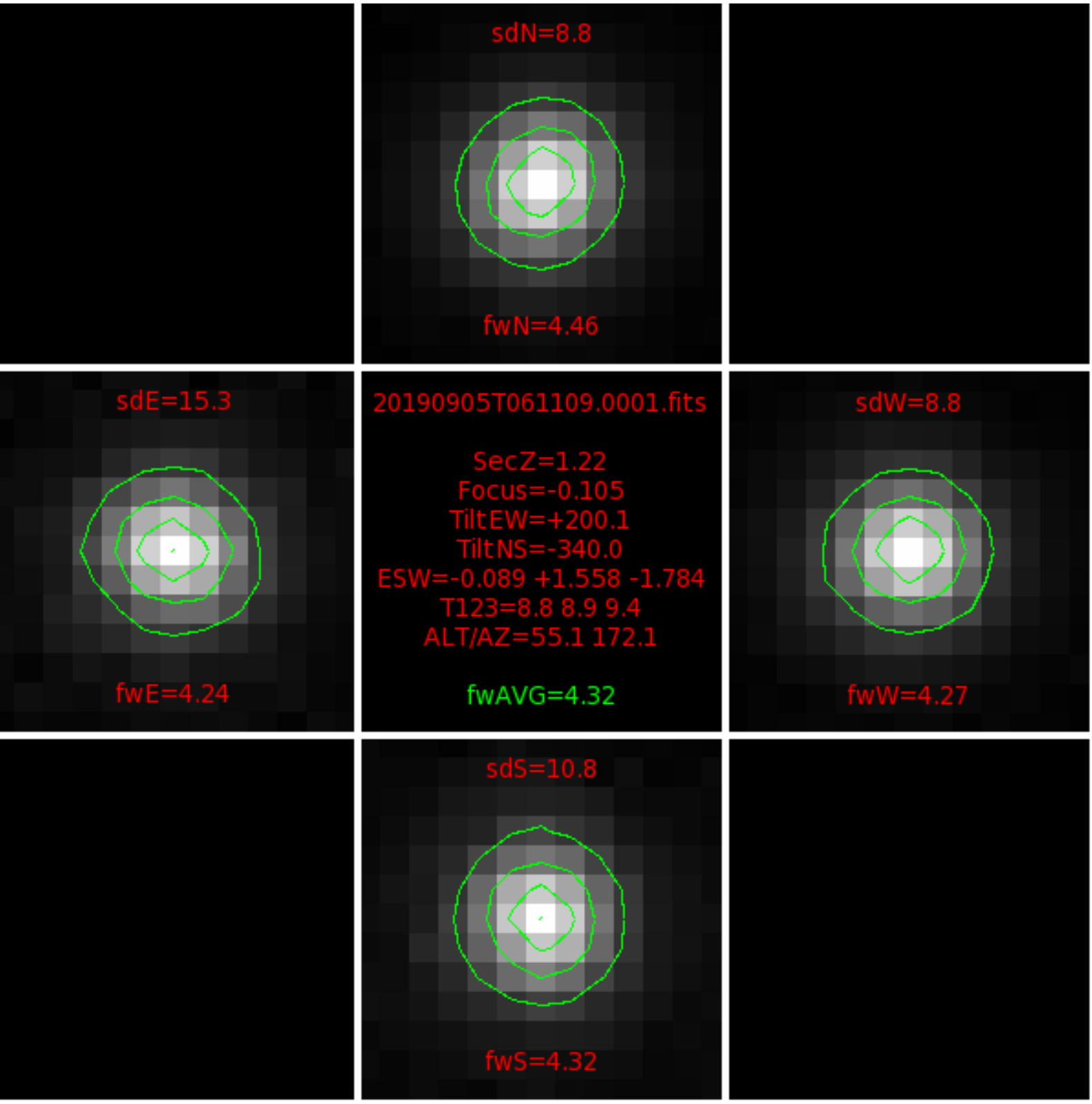

sdN=13.0
fwN=3.58
sdE=18.1
fwE=3.45
20190905T061036.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.9 9.0 9.4
ALT/AZ=55.1 171.8
fwAVG=3.57
sdW=9.2
fwW=3.70
sdS=9.3
fwS=3.57
0 0 0 0 0 0 0 0 0


sdN=8.8
fwN=4.46
sdE=15.3
fwE=4.24
20190905T061109.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.8 8.9 9.4
ALT/AZ=55.1 172.1
fwAVG=4.32
sdW=8.8
fwW=4.27
sdS=10.8
fwS=4.32
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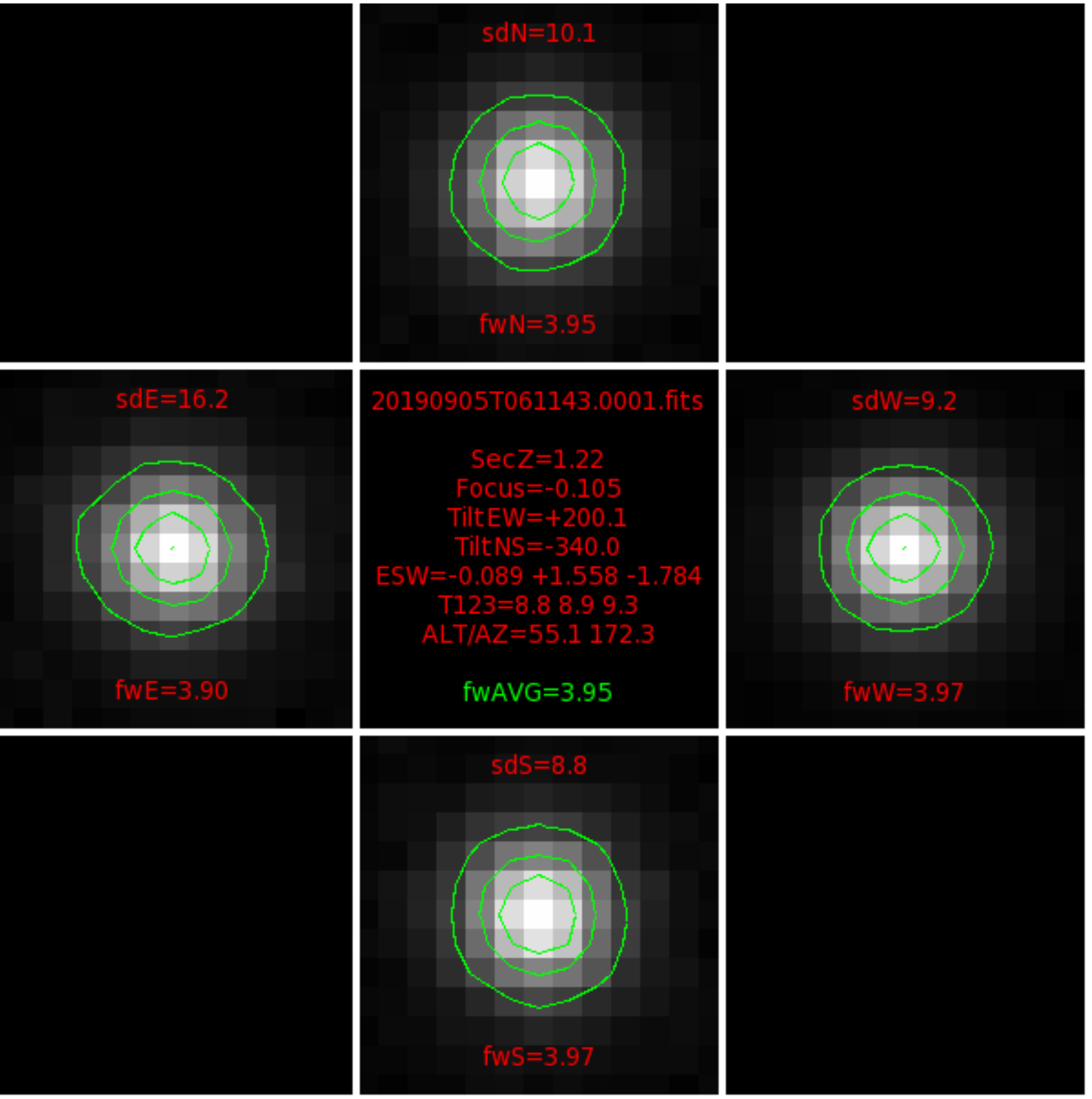
sdN=10.1
fwN=3.95
sdE=16.2
fwE=3.90
20190905T061143.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.8 8.9 9.3
ALT/AZ=55.1 172.3
fwAVG=3.95
sdW=9.2
fwW=3.97
sdS=8.8
fwS=3.97
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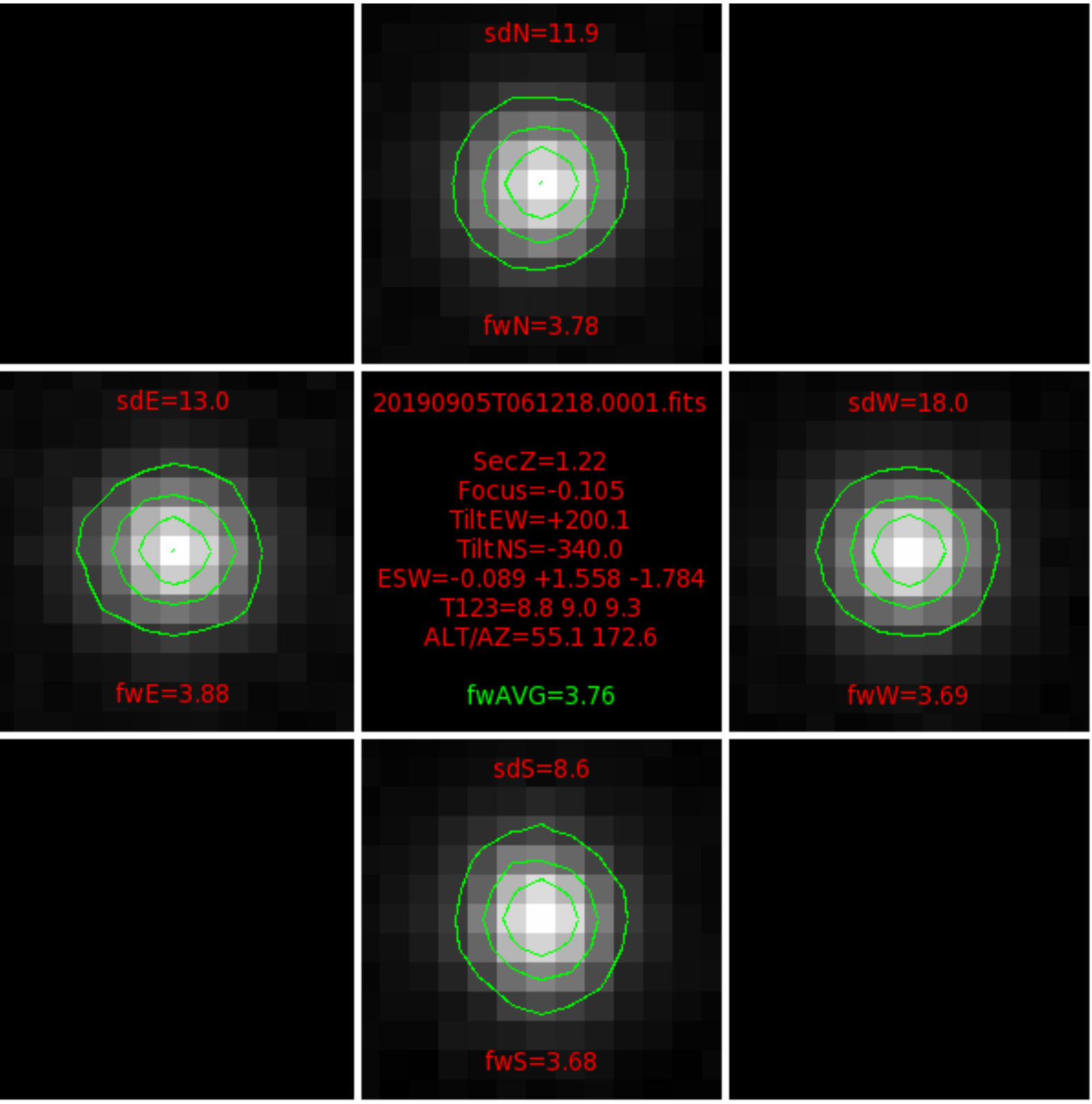
sdN=11.9
fwN=3.78
sdE=13.0
fwE=3.88
20190905T061218.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.8 9.0 9.3
ALT/AZ=55.1 172.6
fwAVG=3.76
sdW=18.0
fwW=3.69
sdS=8.6
fwS=3.68
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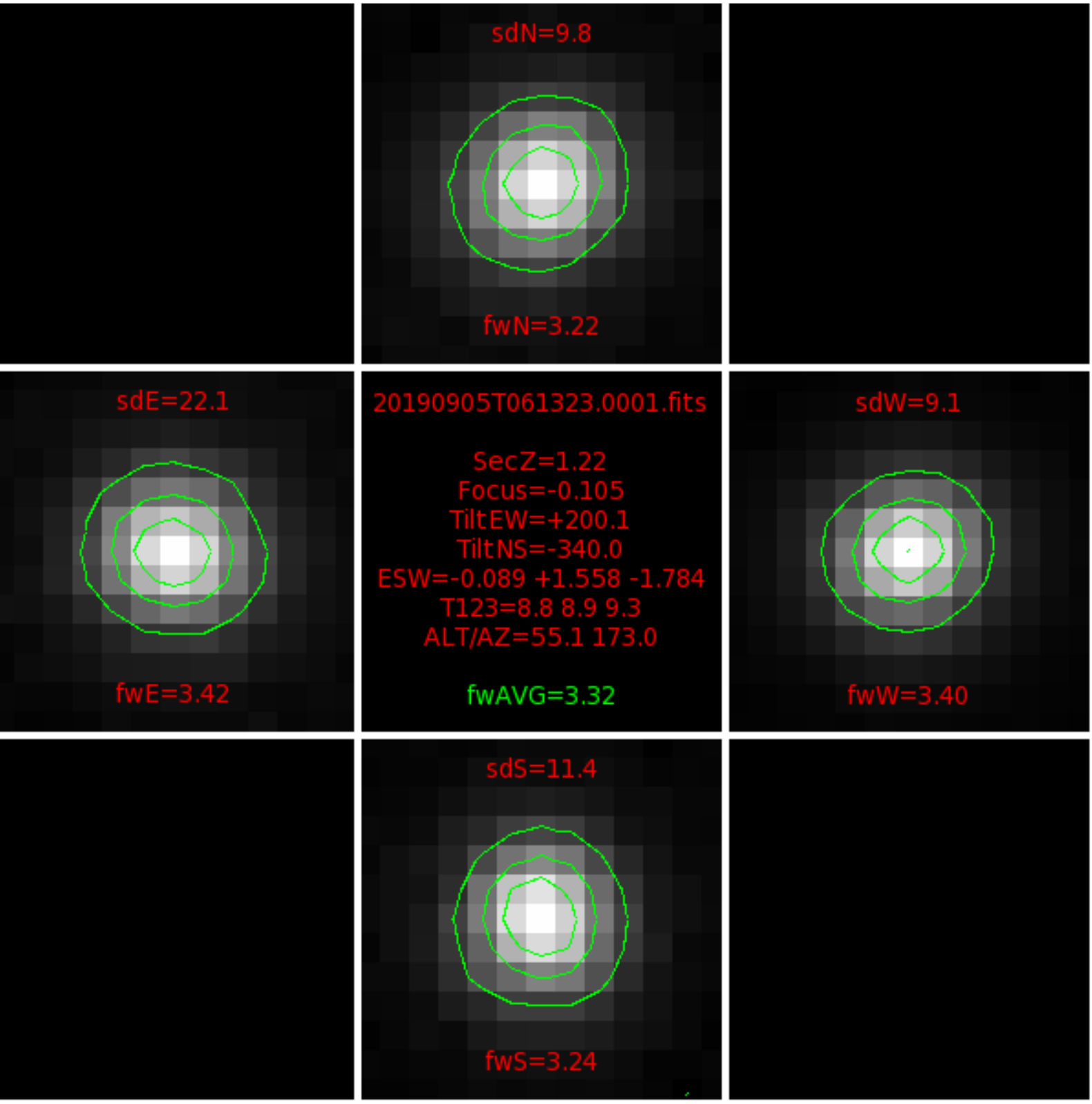
sdN=9.8
fwN=3.22
sdE=22.1
fwE=3.42
20190905T061323.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.8 8.9 9.3
ALT/AZ=55.1 173.0
fwAVG=3.32
sdW=9.1
fwW=3.40
sdS=11.4
fwS=3.24
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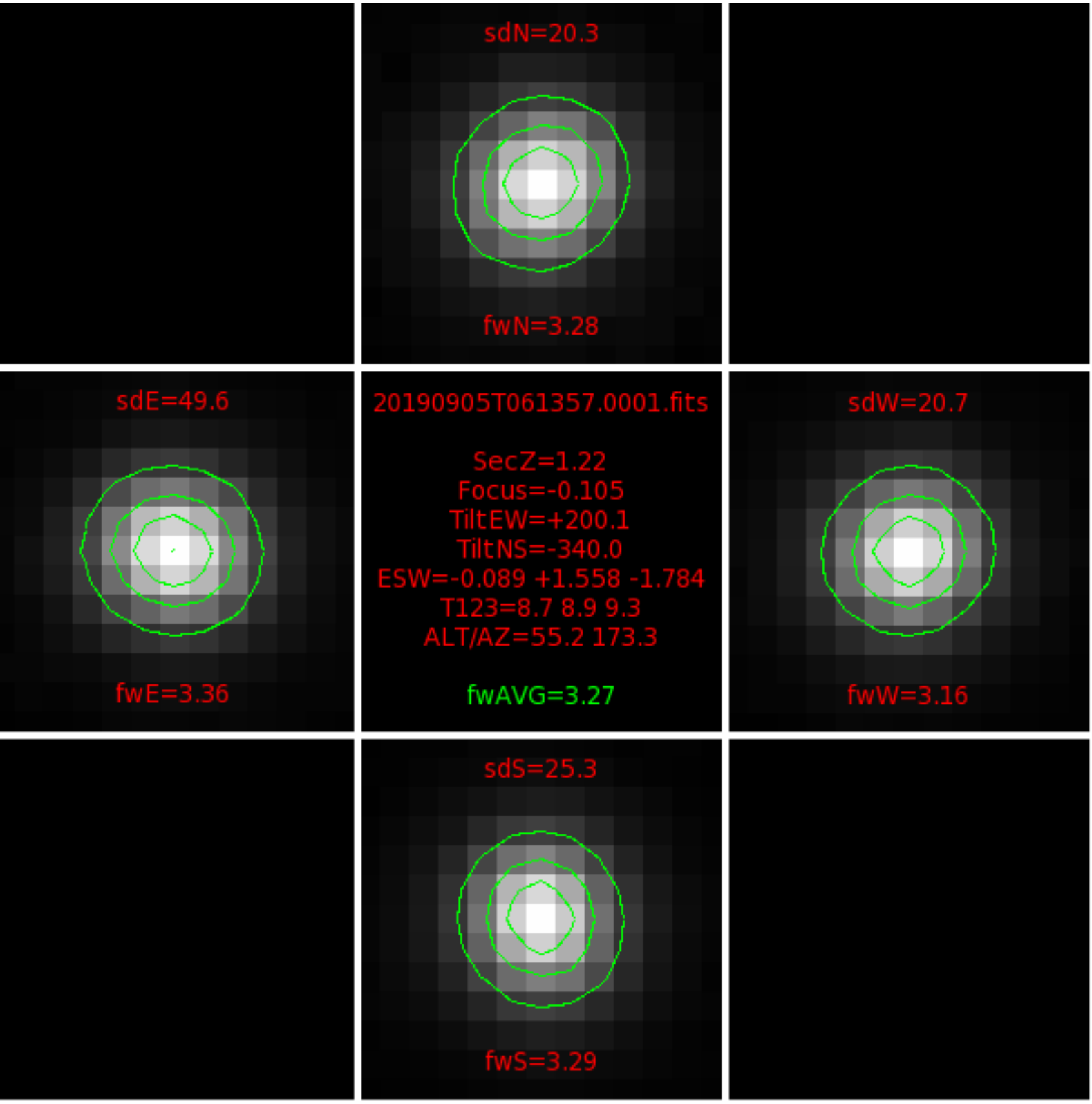
sdN=20.3
fwN=3.28
sdE=49.6
fwE=3.36
20190905T061357.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.7 8.9 9.3
ALT/AZ=55.2 173.3
fwAVG=3.27
sdW=20.7
fwW=3.16
sdS=25.3
fwS=3.29
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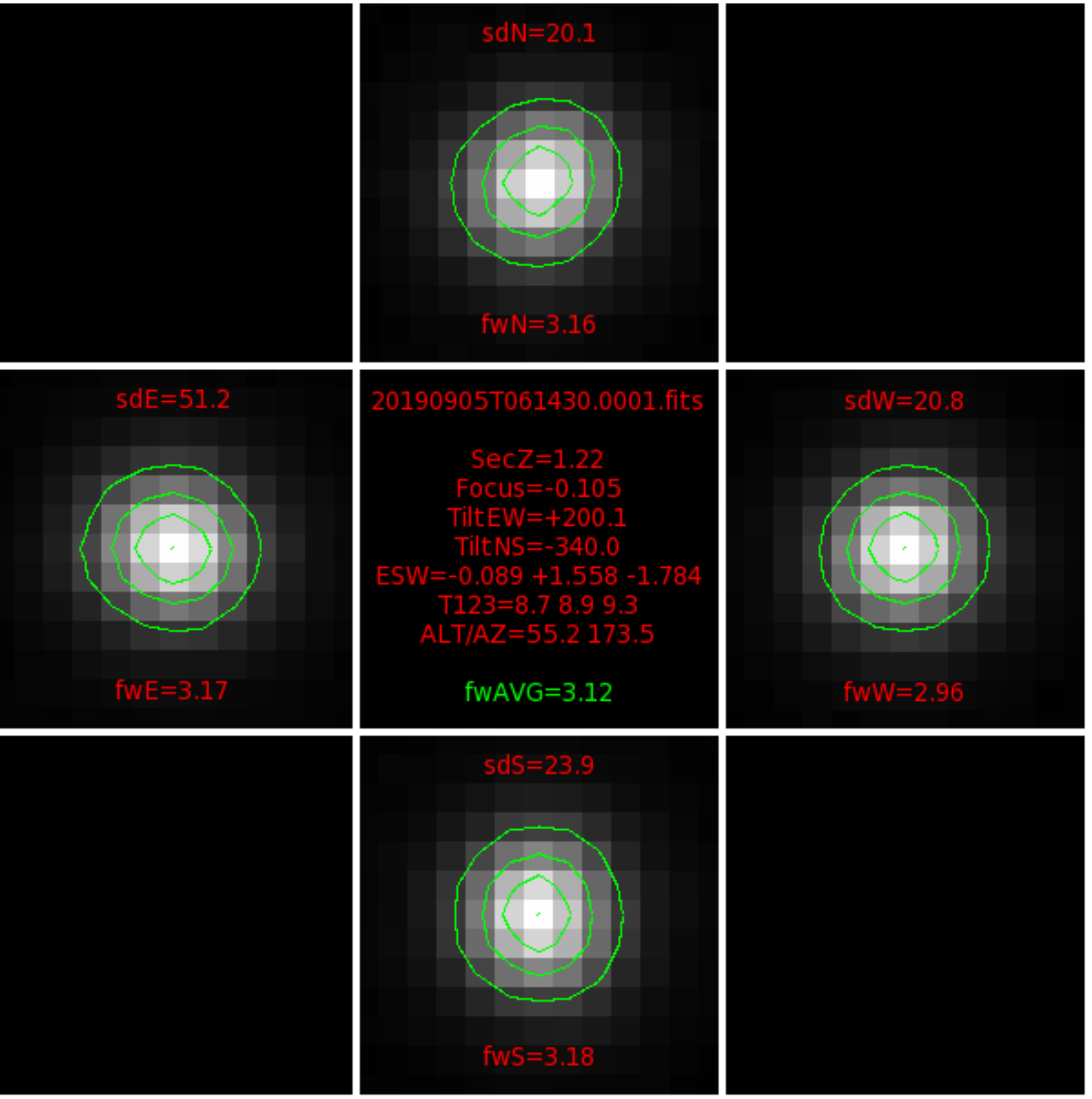
sdN=20.1
fwN=3.16
sdE=51.2
fwE=3.17
20190905T061430.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.7 8.9 9.3
ALT/AZ=55.2 173.5
fwAVG=3.12
sdW=20.8
fwW=2.96
sdS=23.9
fwS=3.18
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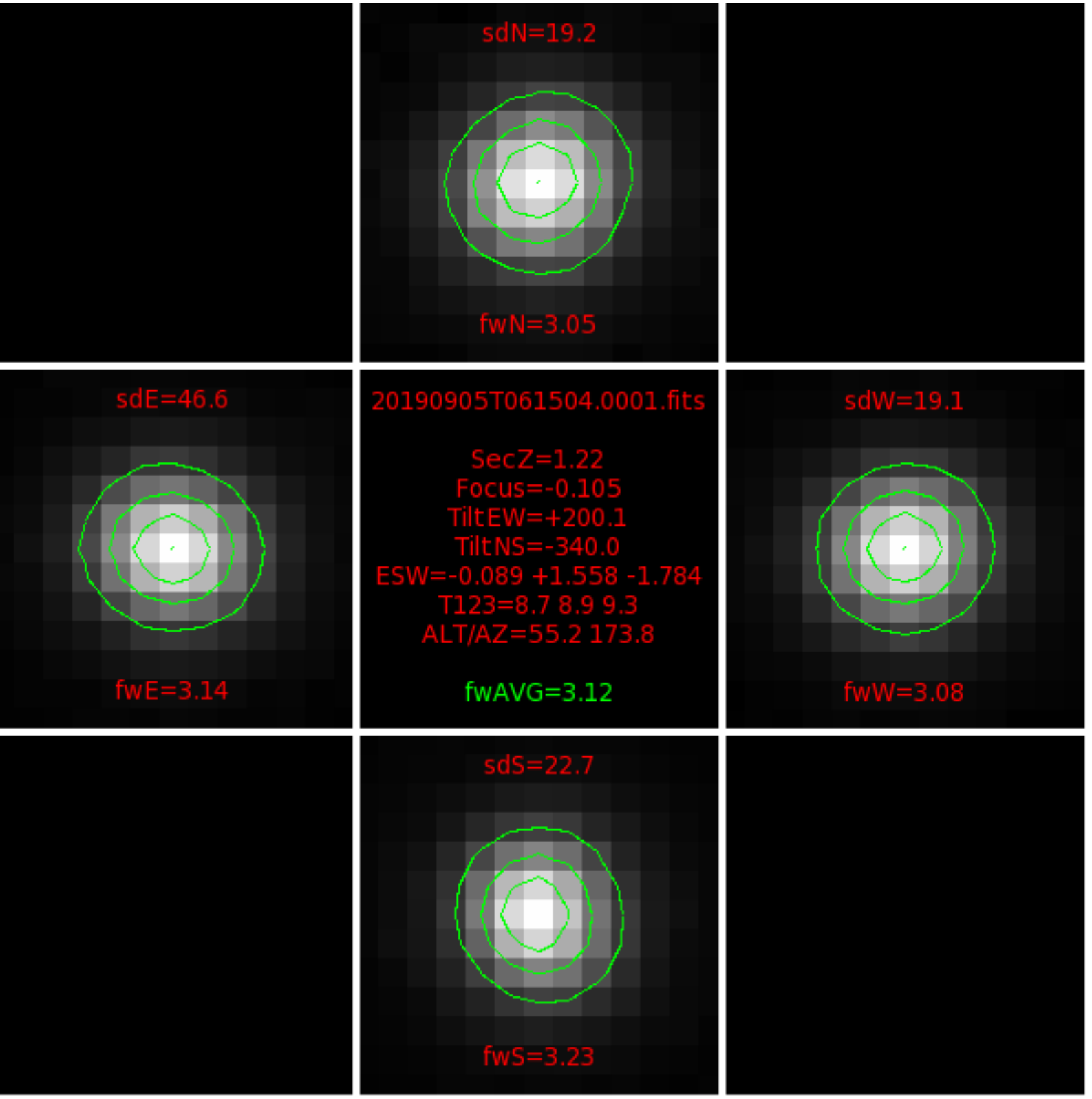
sdN=19.2
fwN=3.05
sdE=46.6
fwE=3.14
20190905T061504.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.7 8.9 9.3
ALT/AZ=55.2 173.8
fwAVG=3.12
sdW=19.1
fwW=3.08
sdS=22.7
fwS=3.23
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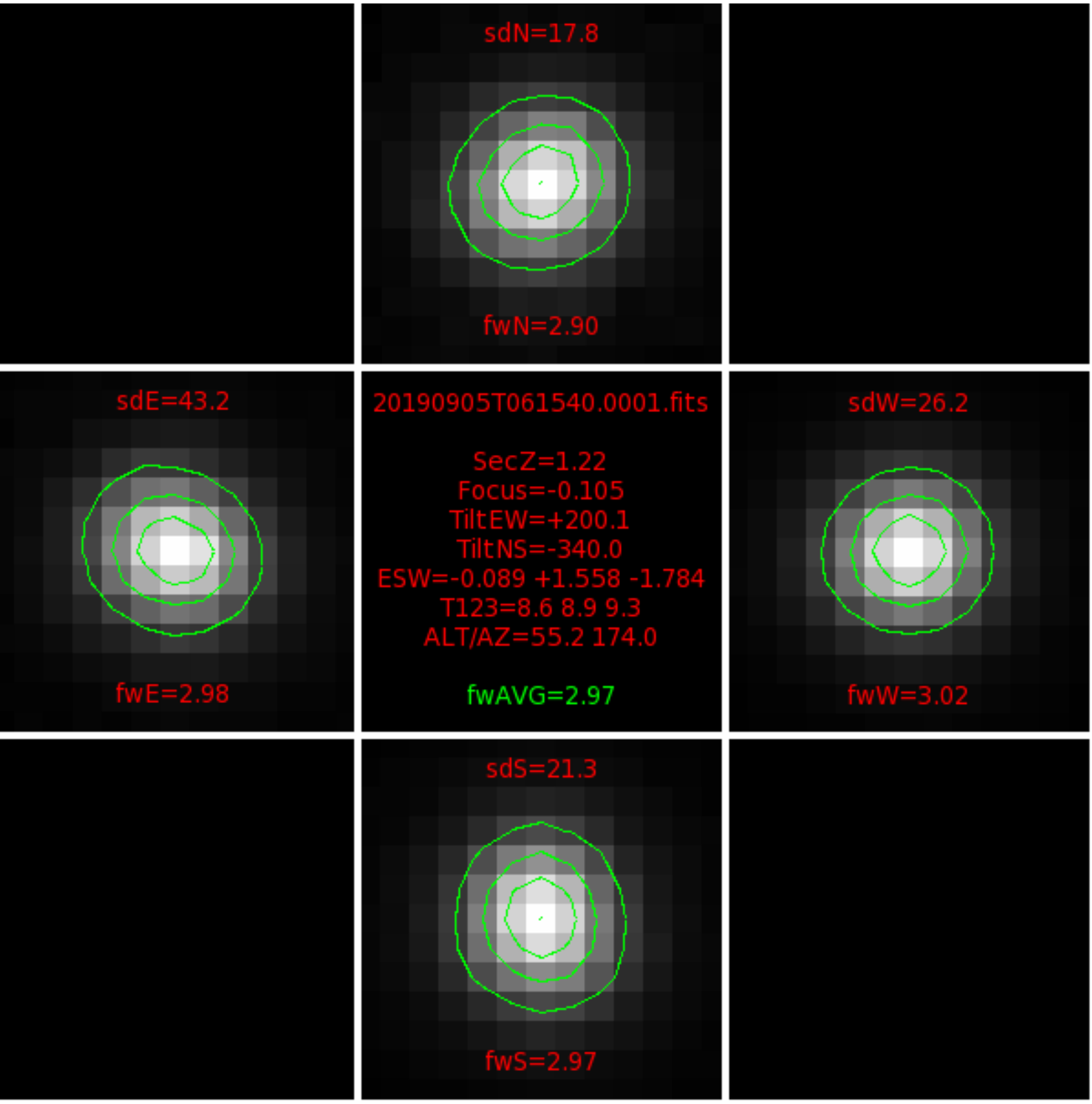
sdN=17.8
fwN=2.90
sdE=43.2
fwE=2.98
20190905T061540.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.9 9.3
ALT/AZ=55.2 174.0
fwAVG=2.97
sdW=26.2
fwW=3.02
sdS=21.3
fwS=2.97
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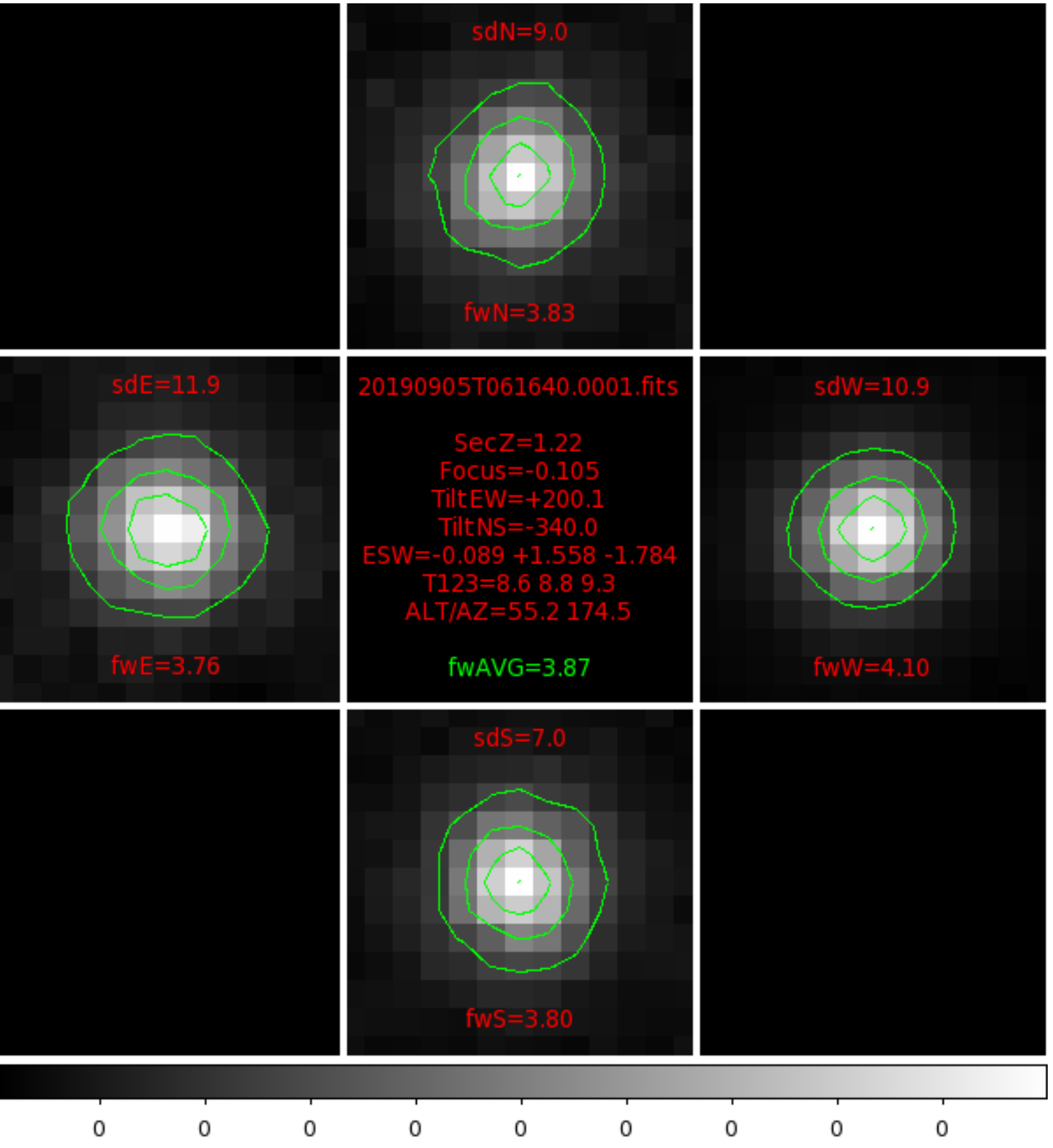
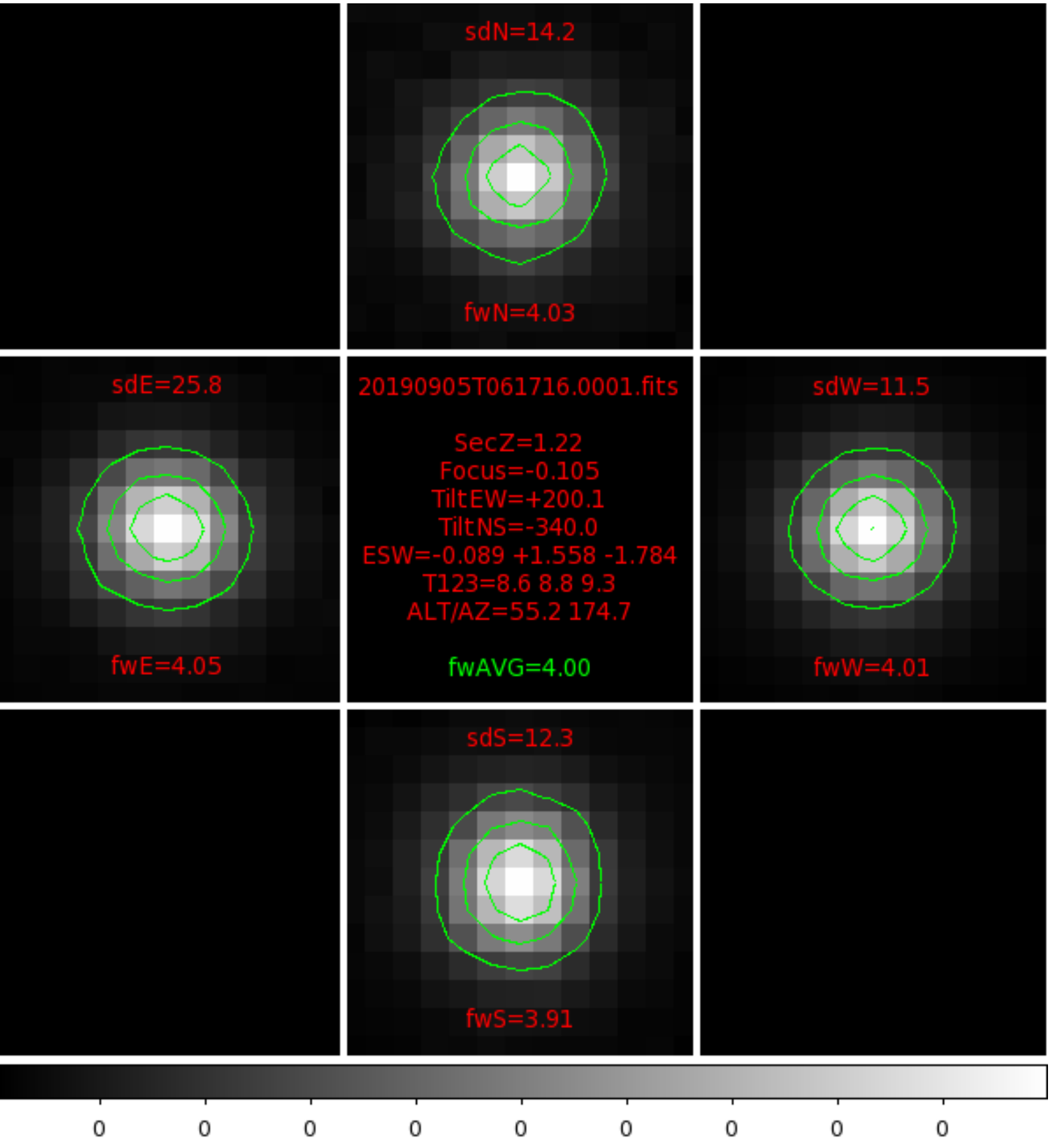

sdN=9.0
fwN=3.83
sdE=11.9
fwE=3.76
20190905T061640.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.8 9.3
ALT/AZ=55.2 174.5
fwAVG=3.87
sdW=10.9
fwW=4.10
sdS=7.0
fwS=3.80
0 0 0 0 0 0 0 0 0


sdN=14.2
fwN=4.03
sdE=25.8
fwE=4.05
20190905T061716.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.8 9.3
ALT/AZ=55.2 174.7
fwAVG=4.00
sdW=11.5
fwW=4.01
sdS=12.3
fwS=3.91
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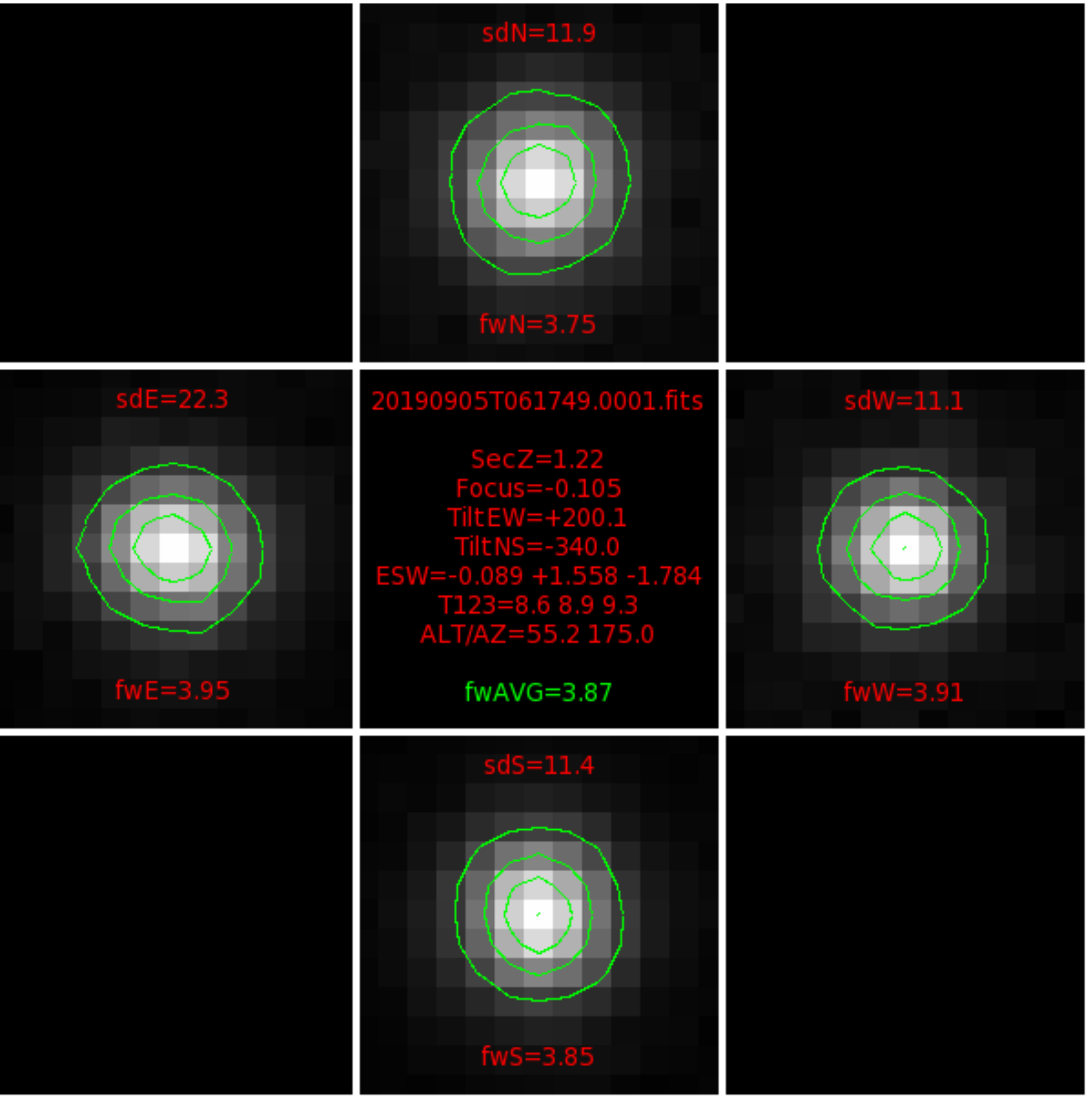
sdN=11.9
fwN=3.75
sdE=22.3
fwE=3.95
20190905T061749.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.6 8.9 9.3
ALT/AZ=55.2 175.0
fwAVG=3.87
sdW=11.1
fwW=3.91
sdS=11.4
fwS=3.85
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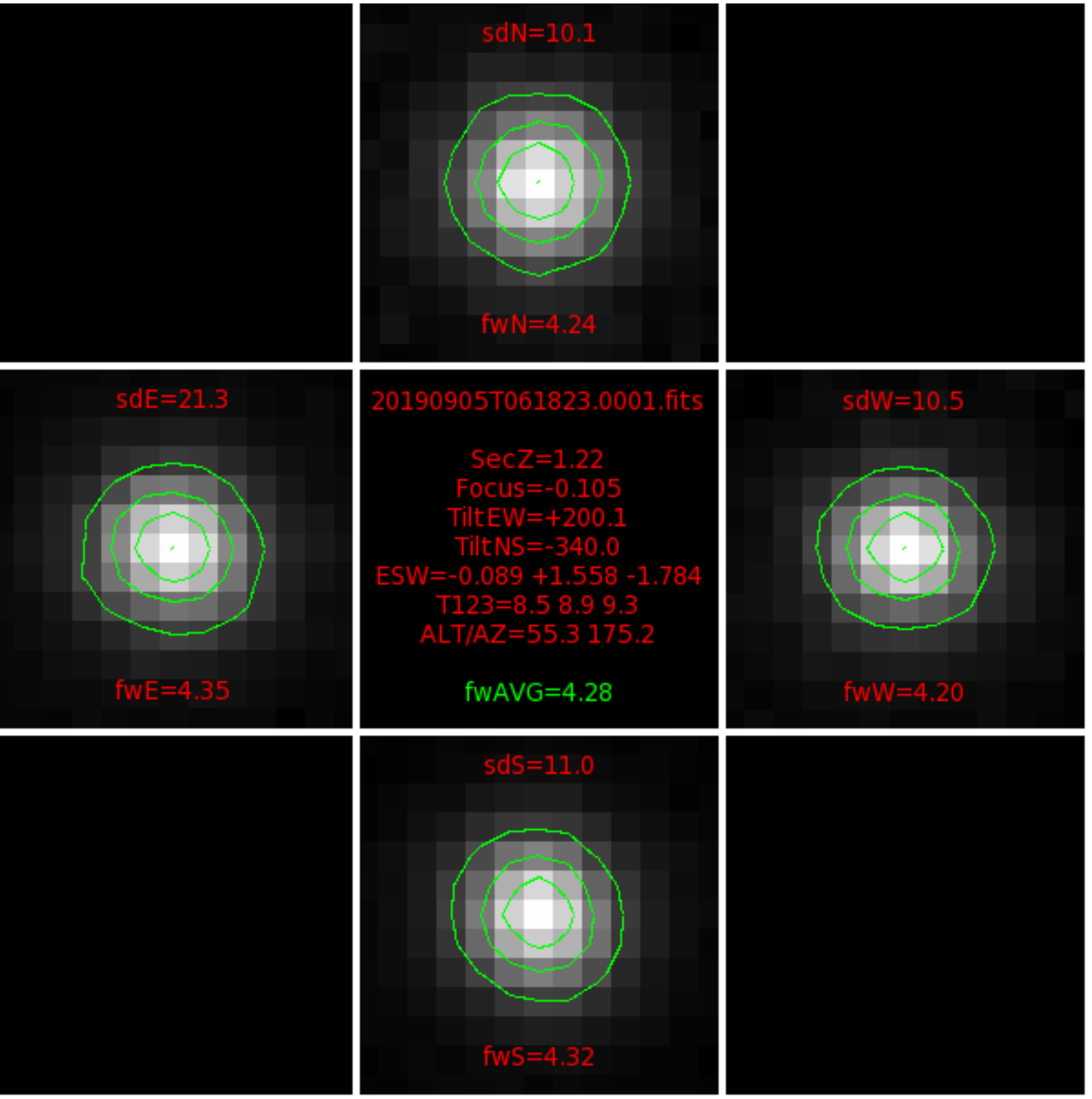
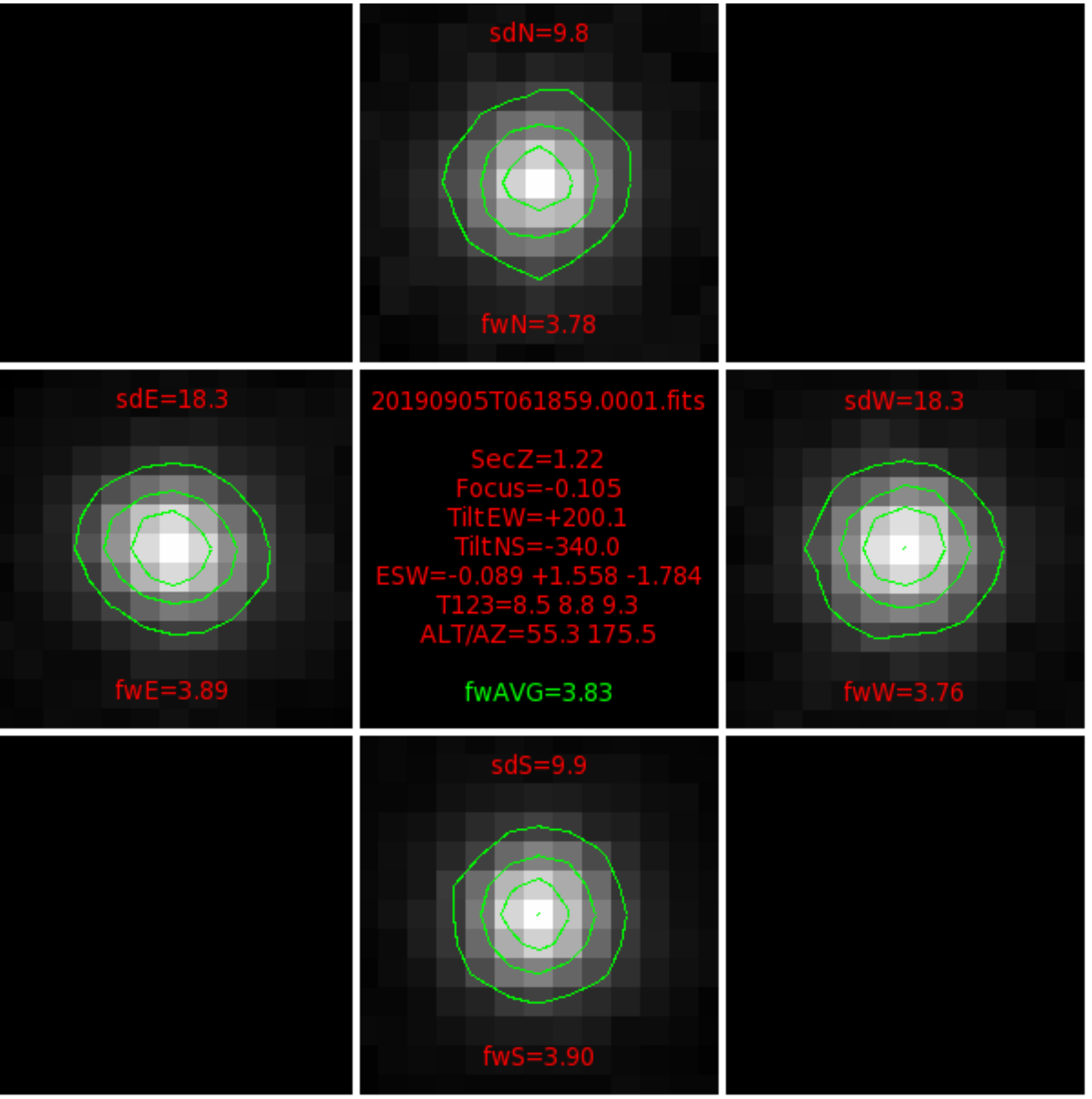

sdN=10.1
fwN=4.24
sdE=21.3
fwE=4.35
20190905T061823.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.9 9.3
ALT/AZ=55.3 175.2
fwAVG=4.28
sdW=10.5
fwW=4.20
sdS=11.0
fwS=4.32
0 0 0 0 0 0 0 0 0


sdN=9.8
fwN=3.78
sdE=18.3
fwE=3.89
20190905T061859.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.3
ALT/AZ=55.3 175.5
fwAVG=3.83
sdW=18.3
fwW=3.76
sdS=9.9
fwS=3.90
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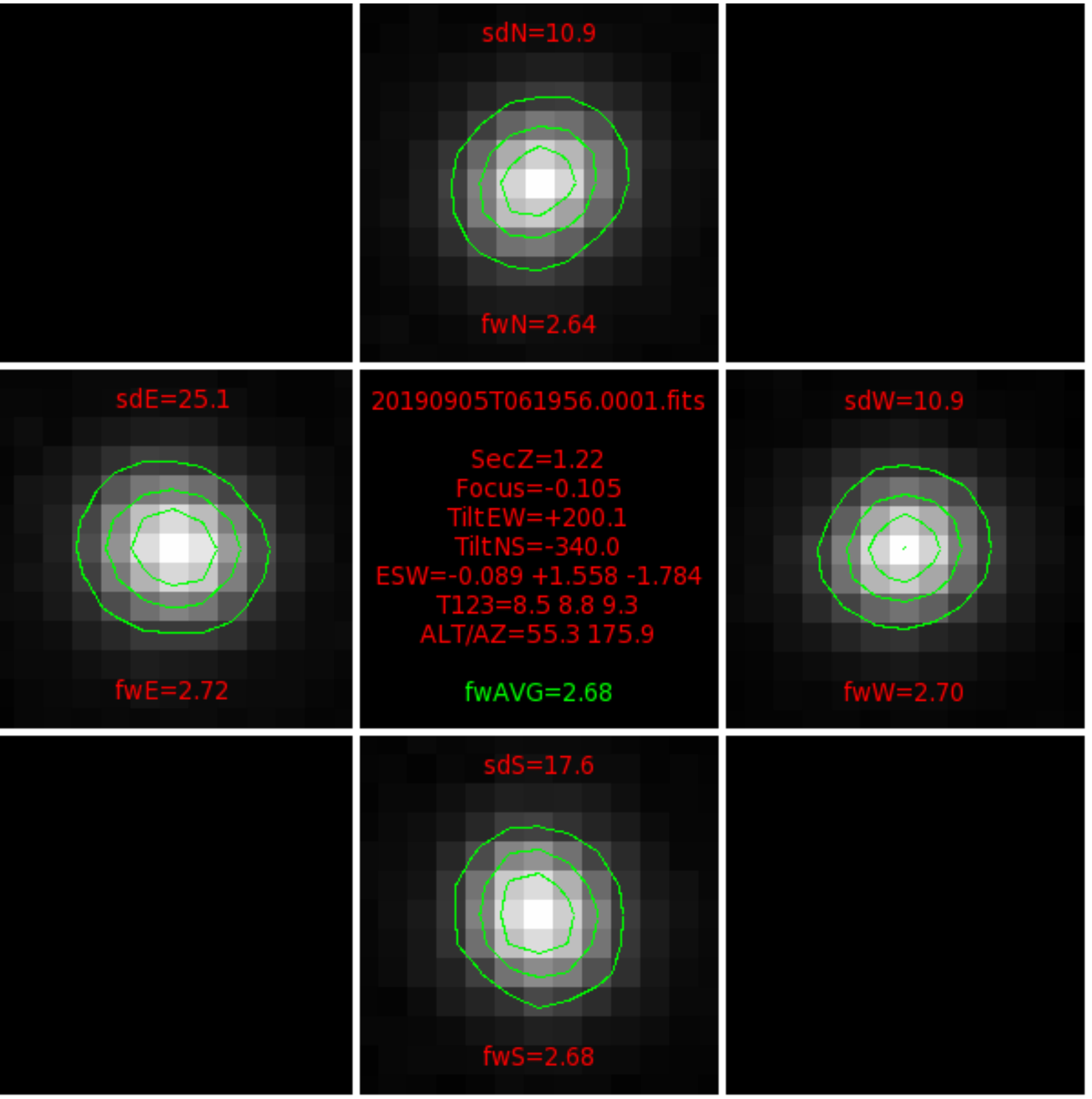
sdN=10.9
fwN=2.64
sdE=25.1
fwE=2.72
20190905T061956.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.3
ALT/AZ=55.3 175.9
fwAVG=2.68
sdW=10.9
fwW=2.70
sdS=17.6
fwS=2.68
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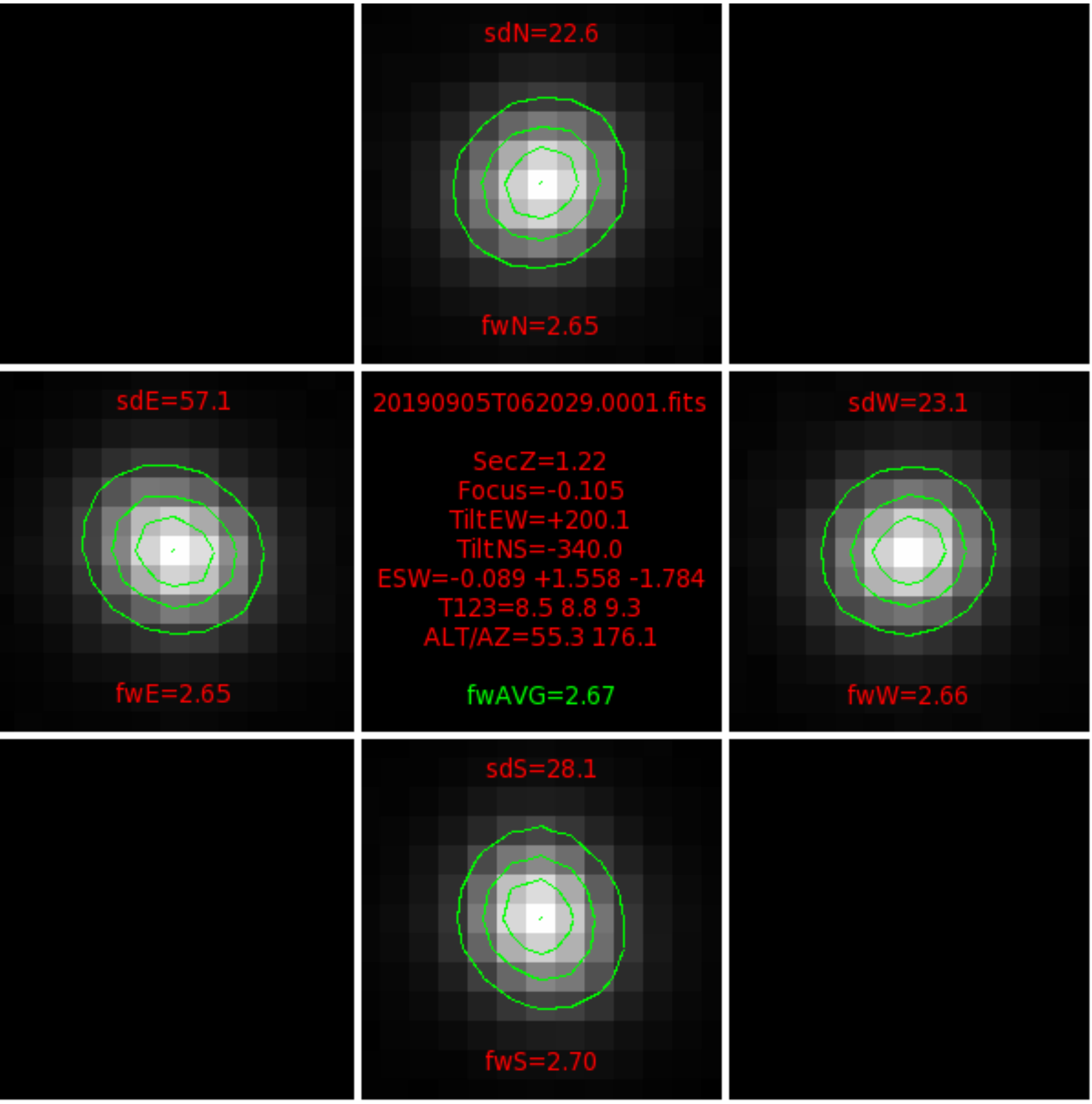
sdN=22.6
fwN=2.65
sdE=57.1
fwE=2.65
20190905T062029.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.3
ALT/AZ=55.3 176.1
fwAVG=2.67
sdW=23.1
fwW=2.66
sdS=28.1
fwS=2.70
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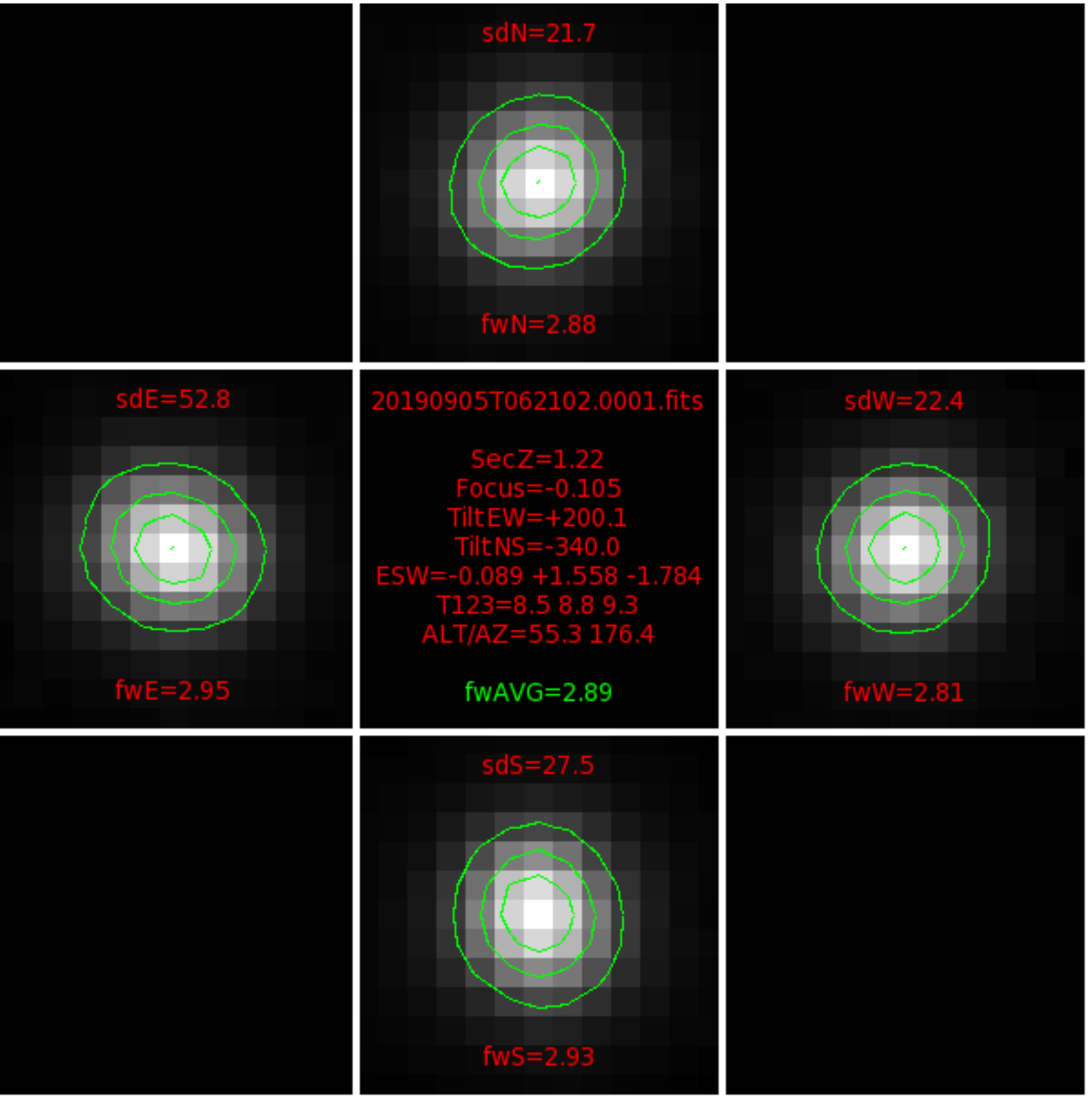
sdN=21.7
fwN=2.88
sdE=52.8
fwE=2.95
20190905T062102.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.3
ALT/AZ=55.3 176.4
fwAVG=2.89
sdW=22.4
fwW=2.81
sdS=27.5
fwS=2.93
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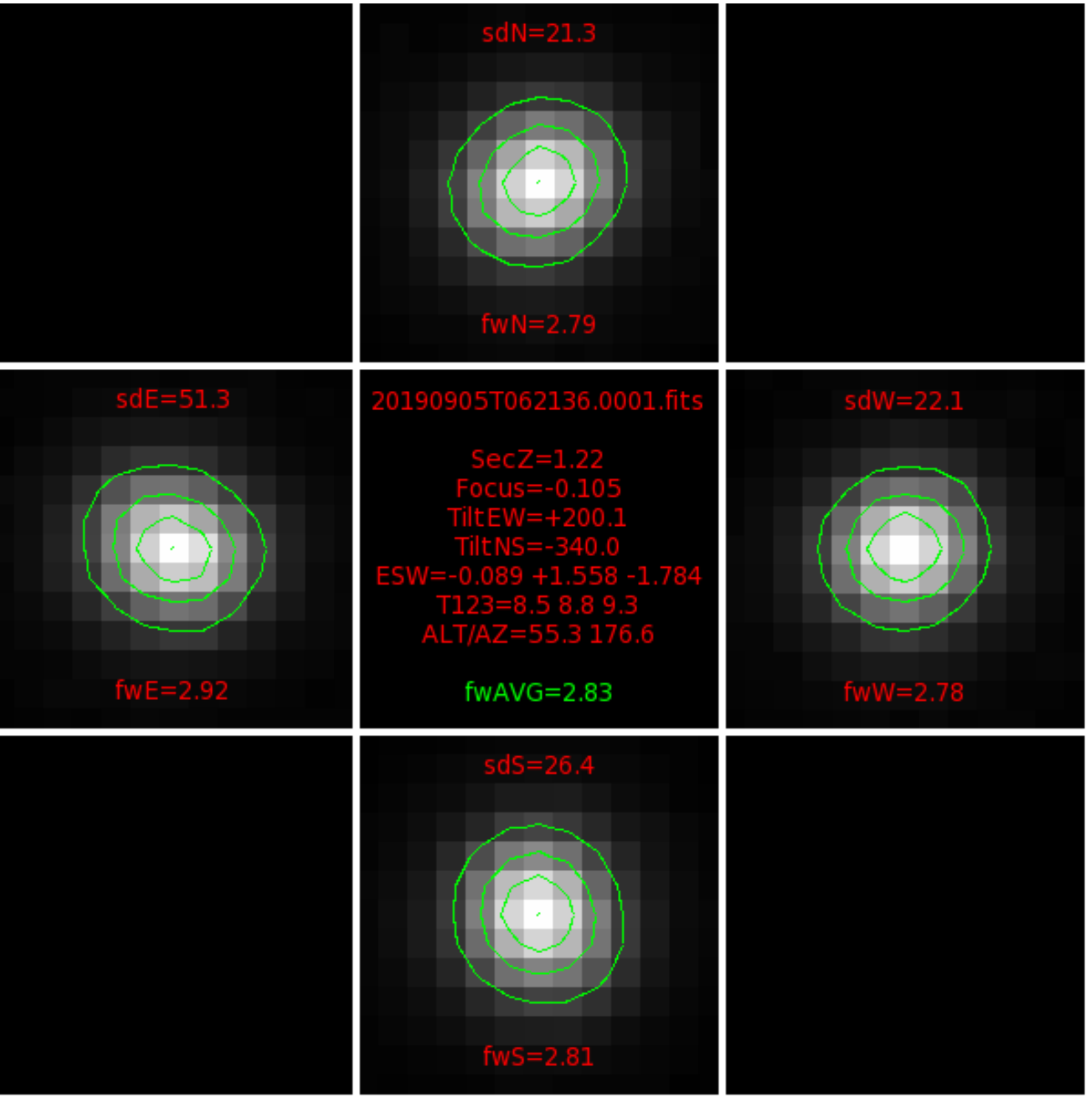
sdN=21.3
fwN=2.79
sdE=51.3
fwE=2.92
20190905T062136.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.3
ALT/AZ=55.3 176.6
fwAVG=2.83
sdW=22.1
fwW=2.78
sdS=26.4
fwS=2.81
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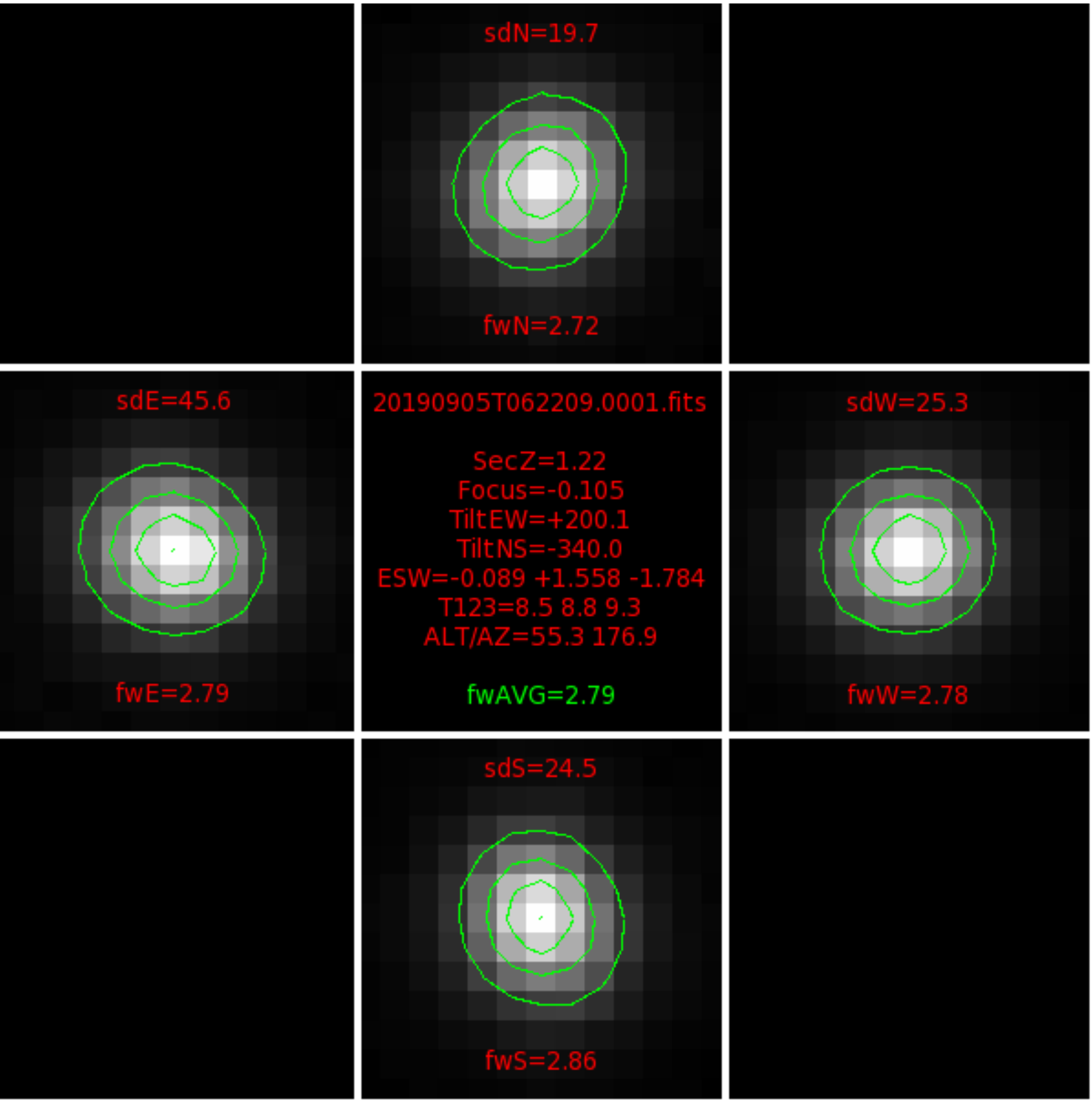
sdN=19.7
fwN=2.72
sdE=45.6
fwE=2.79
20190905T062209.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.5 8.8 9.3
ALT/AZ=55.3 176.9
fwAVG=2.79
sdW=25.3
fwW=2.78
sdS=24.5
fwS=2.86
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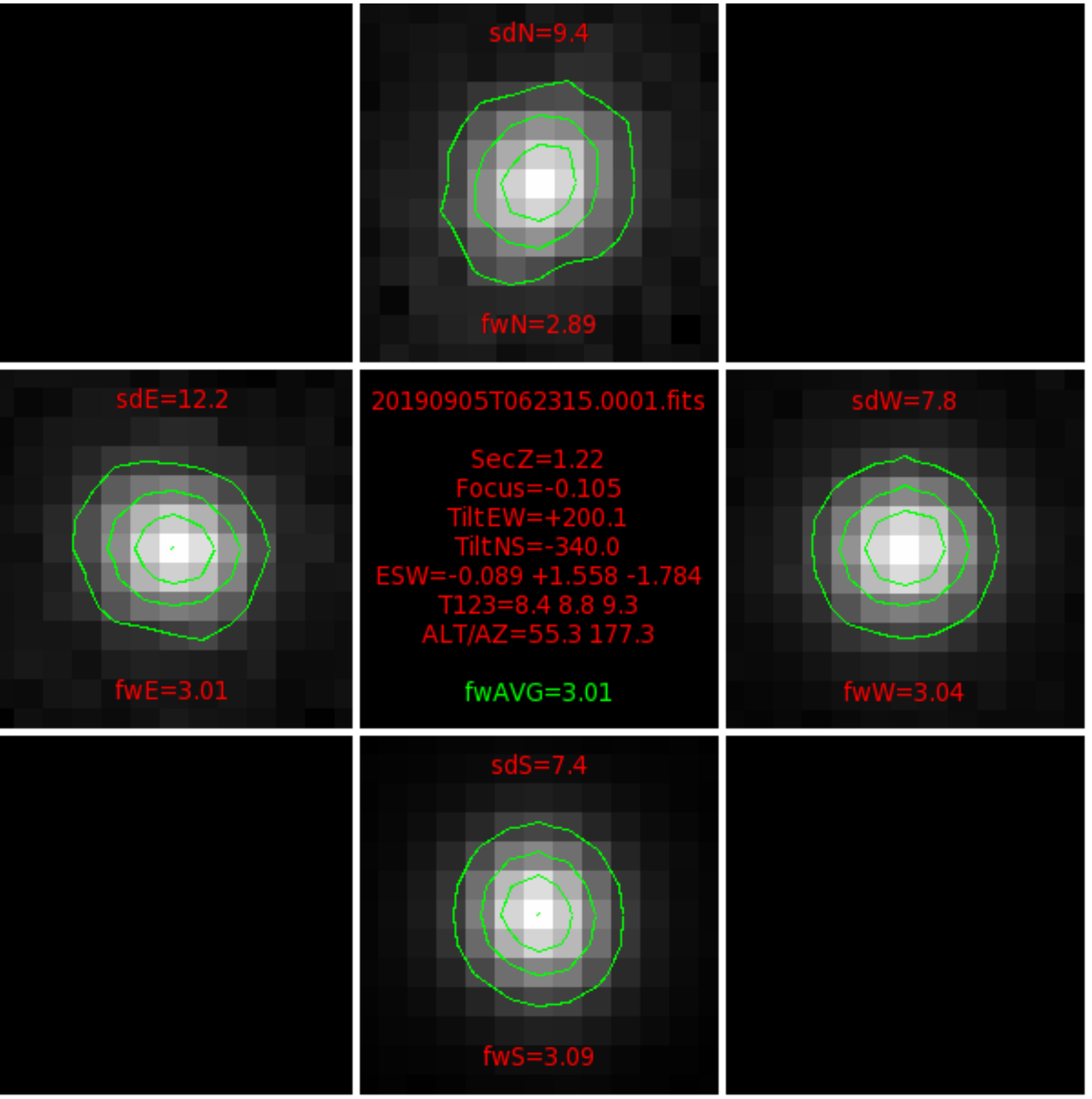
sdN=9.4
fwN=2.89
sdE=12.2
fwE=3.01
20190905T062315.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.4 8.8 9.3
ALT/AZ=55.3 177.3
fwAVG=3.01
sdW=7.8
fwW=3.04
sdS=7.4
fwS=3.09
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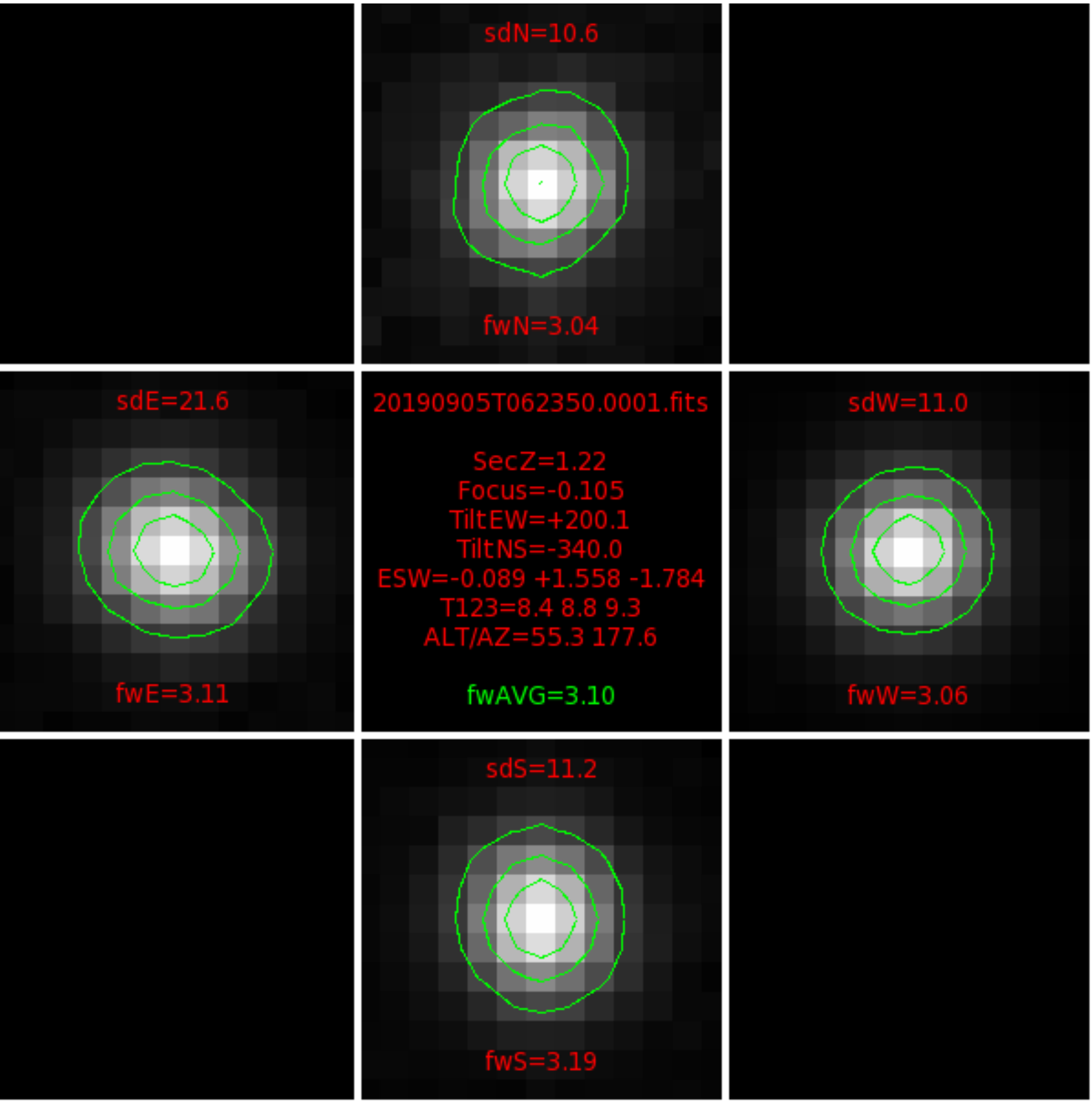
sdN=10.6
fwN=3.04
sdE=21.6
fwE=3.11
20190905T062350.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.4 8.8 9.3
ALT/AZ=55.3 177.6
fwAVG=3.10
sdW=11.0
fwW=3.06
sdS=11.2
fwS=3.19
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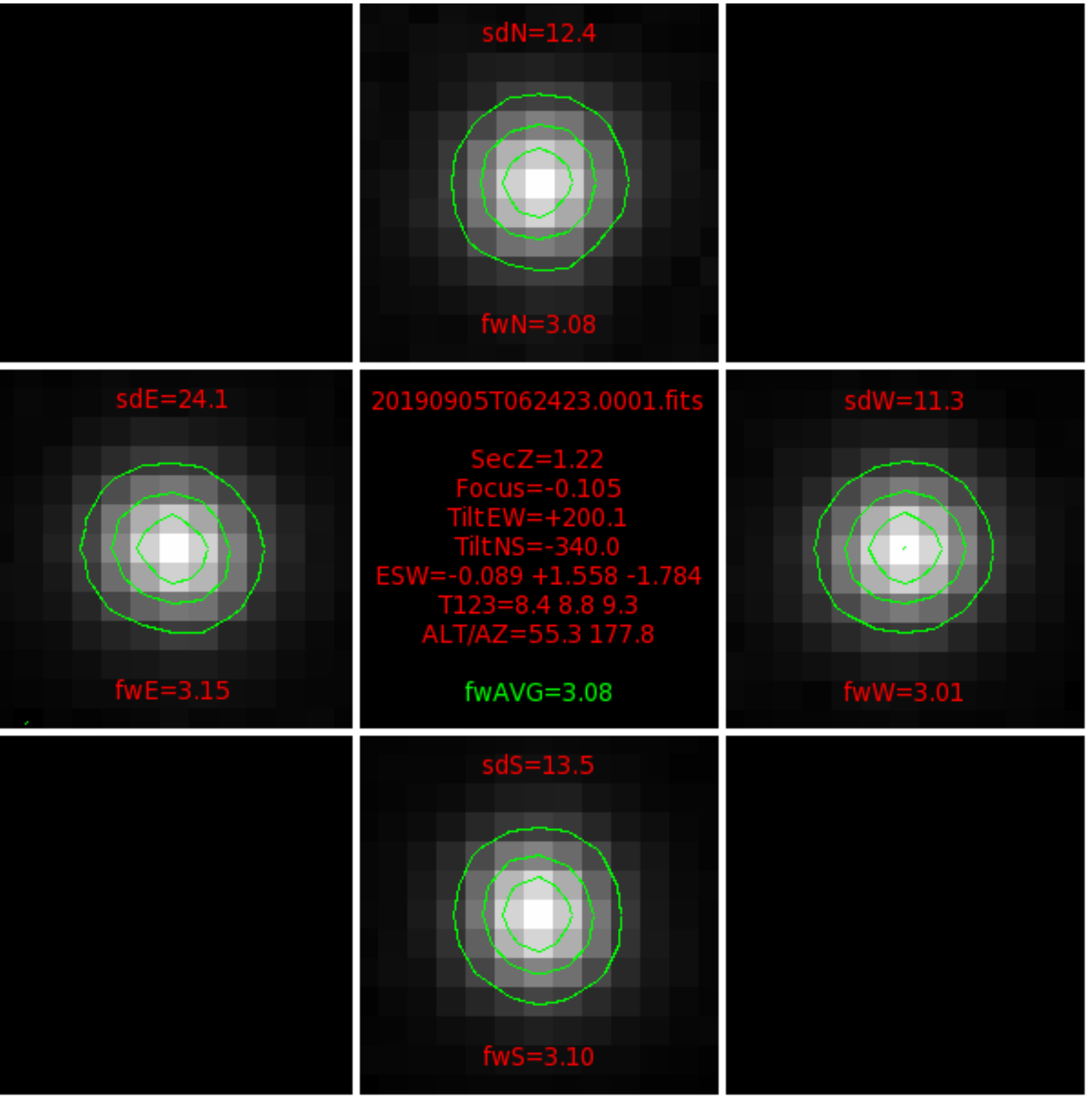
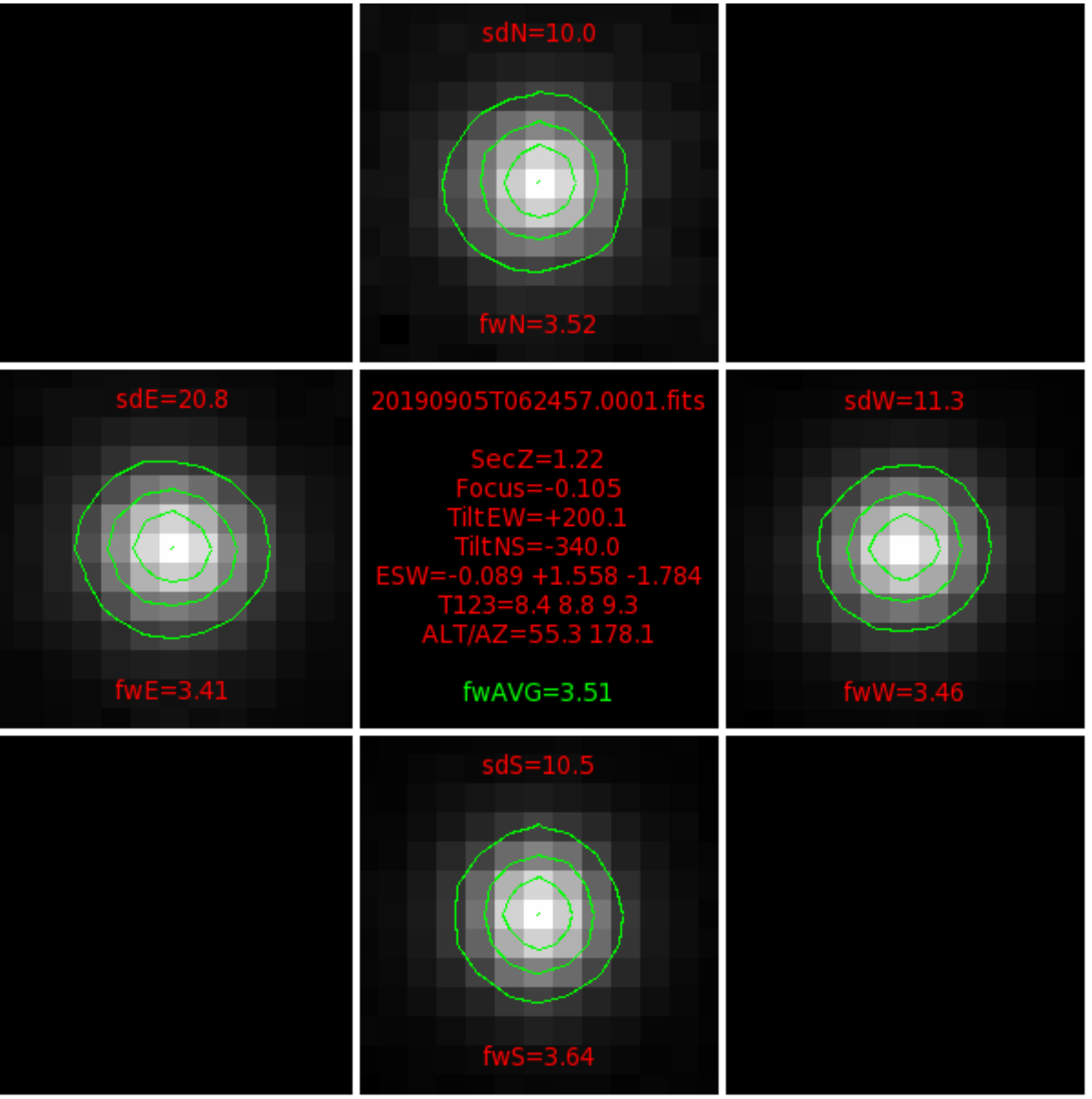

sdN=12.4
fwN=3.08
sdE=24.1
fwE=3.15
20190905T062423.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.4 8.8 9.3
ALT/AZ=55.3 177.8
fwAVG=3.08
sdW=11.3
fwW=3.01
sdS=13.5
fwS=3.10
0 0 0 0 0 0 0 0 0


sdN=10.0
fwN=3.52
sdE=20.8
fwE=3.41
20190905T062457.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.4 8.8 9.3
ALT/AZ=55.3 178.1
fwAVG=3.51
sdW=11.3
fwW=3.46
sdS=10.5
fwS=3.64
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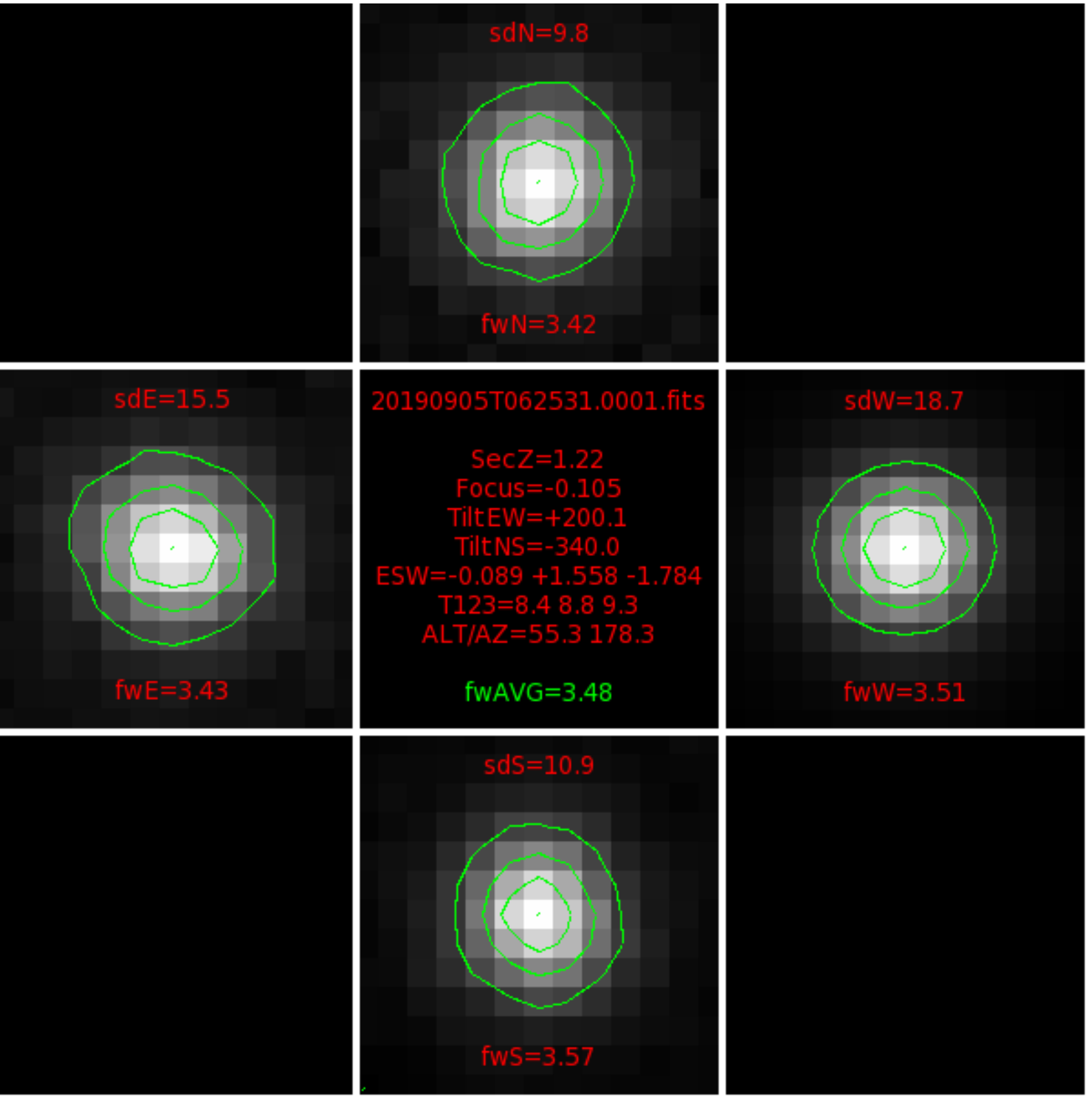
sdN=9.8
fwN=3.42
sdE=15.5
fwE=3.43
20190905T062531.0001.fits
SecZ=1.22
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.4 8.8 9.3
ALT/AZ=55.3 178.3
fwAVG=3.48
sdW=18.7
fwW=3.51
sdS=10.9
fwS=3.57
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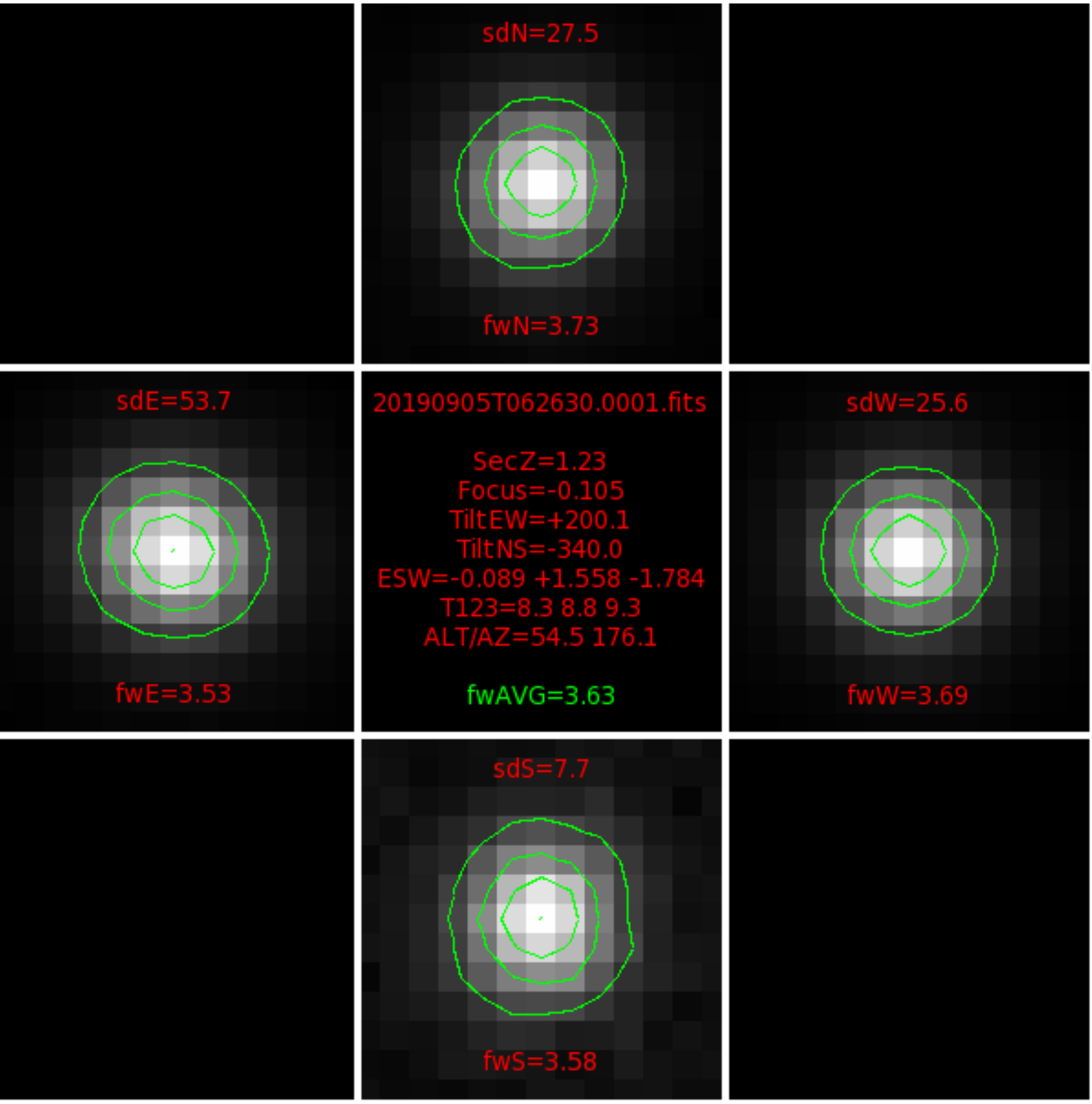
sdN=27.5
fwN=3.73
sdE=53.7
fwE=3.53
20190905T062630.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.8 9.3
ALT/AZ=54.5 176.1
fwAVG=3.63
sdW=25.6
fwW=3.69
sdS=7.7
fwS=3.58
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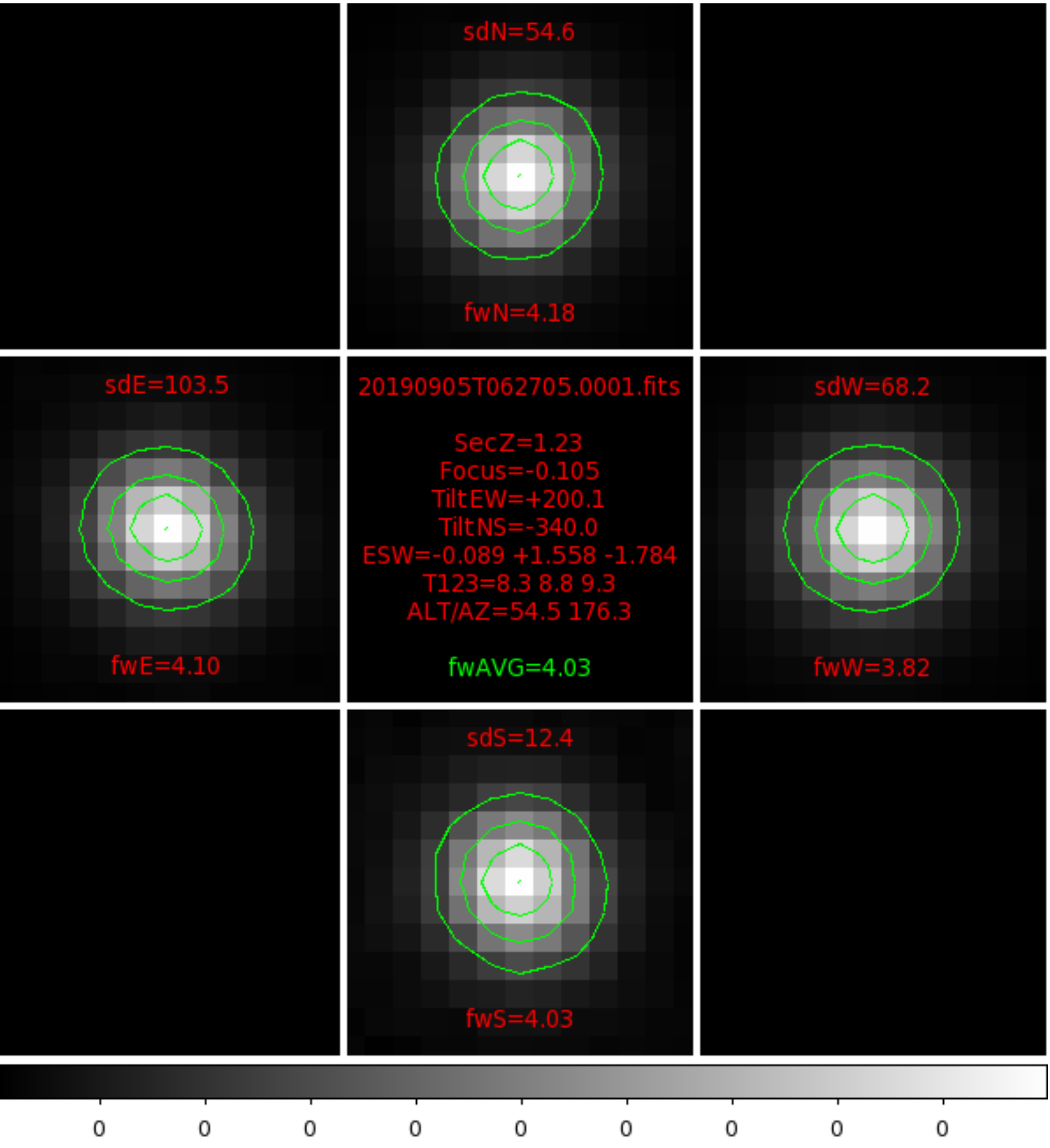
sdN=54.6
fwN=4.18
sdE=103.5
fwE=4.10
20190905T062705.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.8 9.3
ALT/AZ=54.5 176.3
fwAVG=4.03
sdW=68.2
fwW=3.82
sdS=12.4
fwS=4.03
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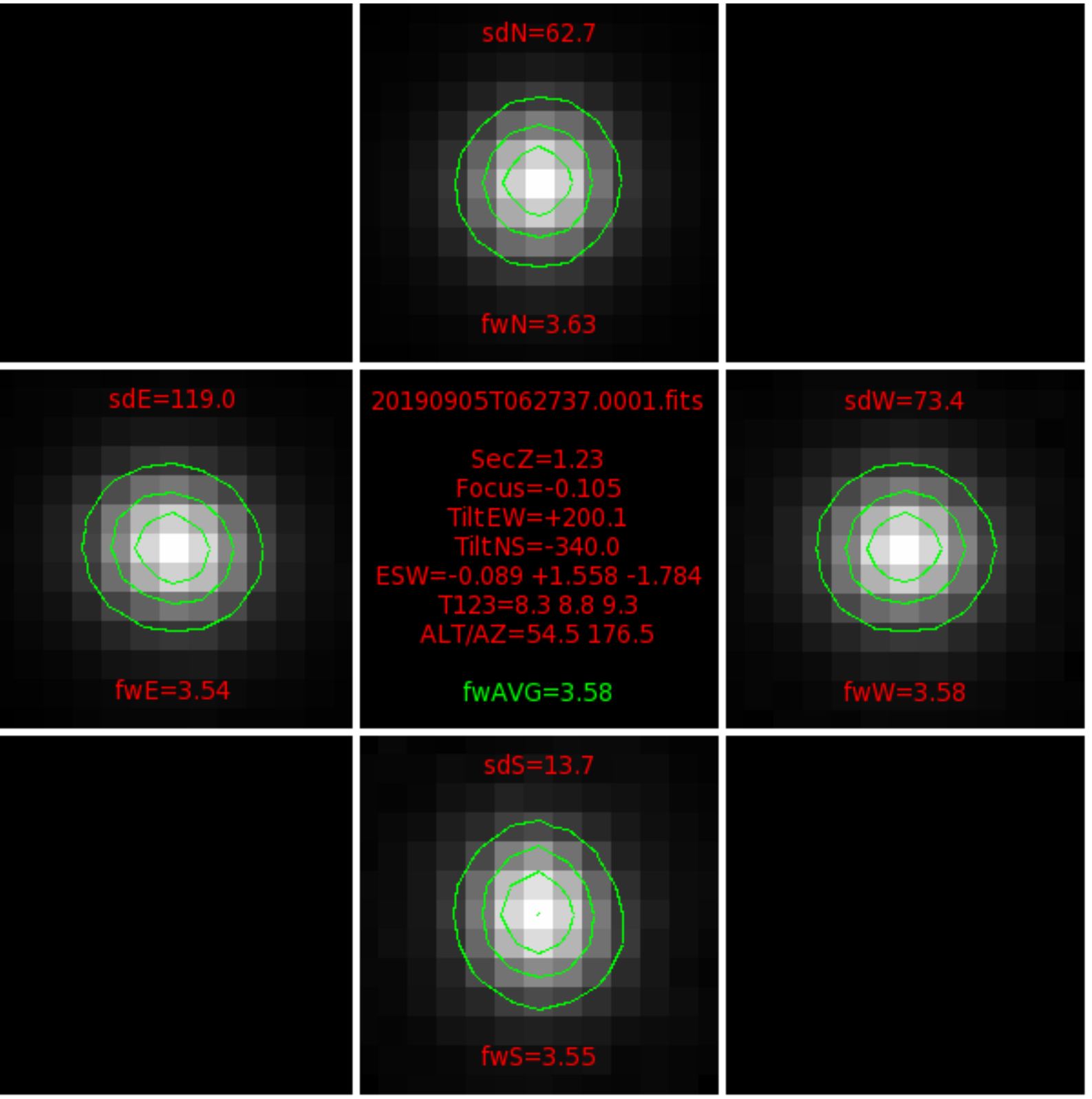
sdN=62.7
fwN=3.63
sdE=119.0
fwE=3.54
20190905T062737.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.8 9.3
ALT/AZ=54.5 176.5
fwAVG=3.58
sdW=73.4
fwW=3.58
sdS=13.7
fwS=3.55
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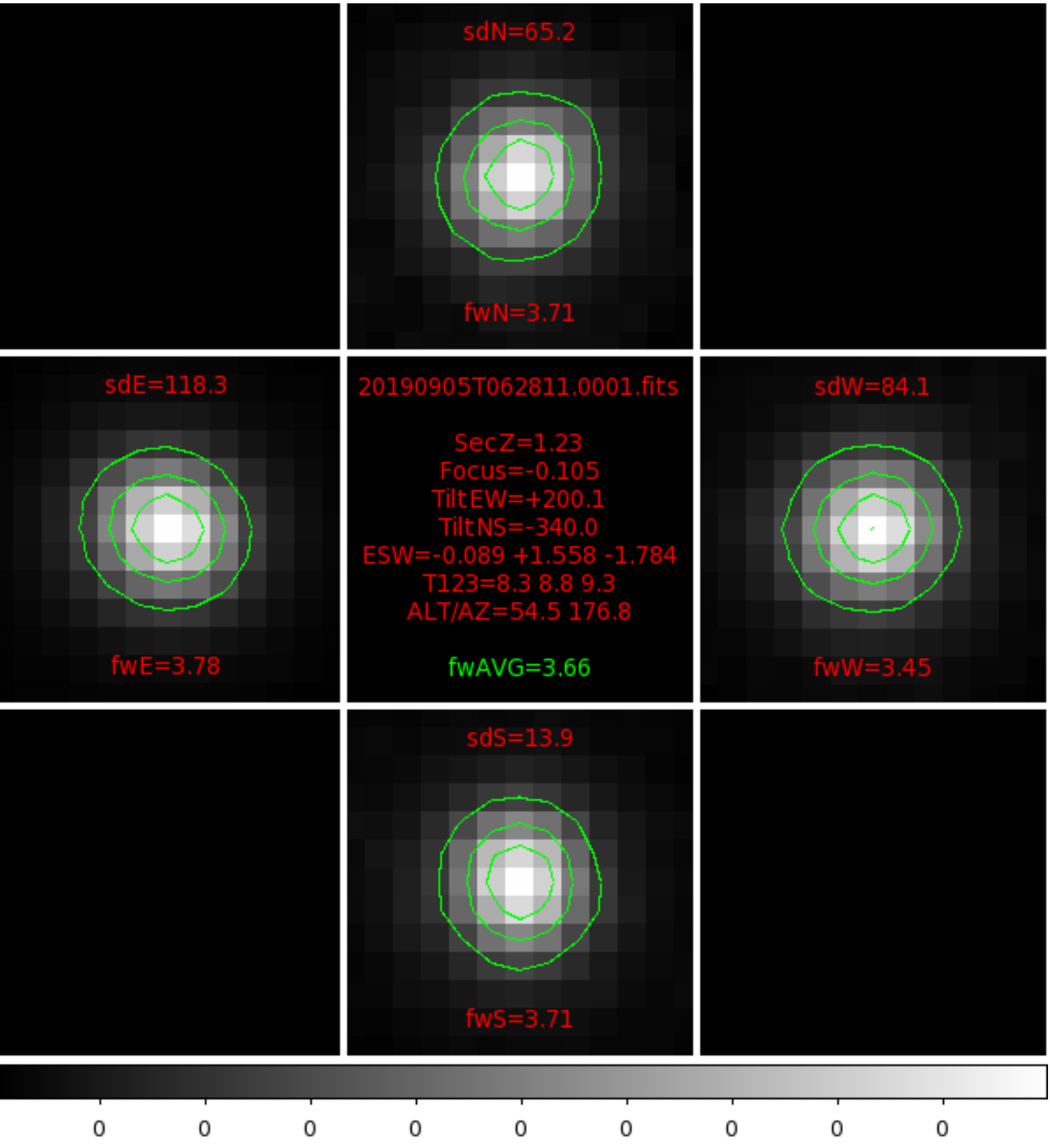
sdN=65.2
fwN=3.71
sdE=118.3
fwE=3.78
20190905T062811.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.8 9.3
ALT/AZ=54.5 176.8
fwAVG=3.66
sdW=84.1
fwW=3.45
sdS=13.9
fwS=3.71
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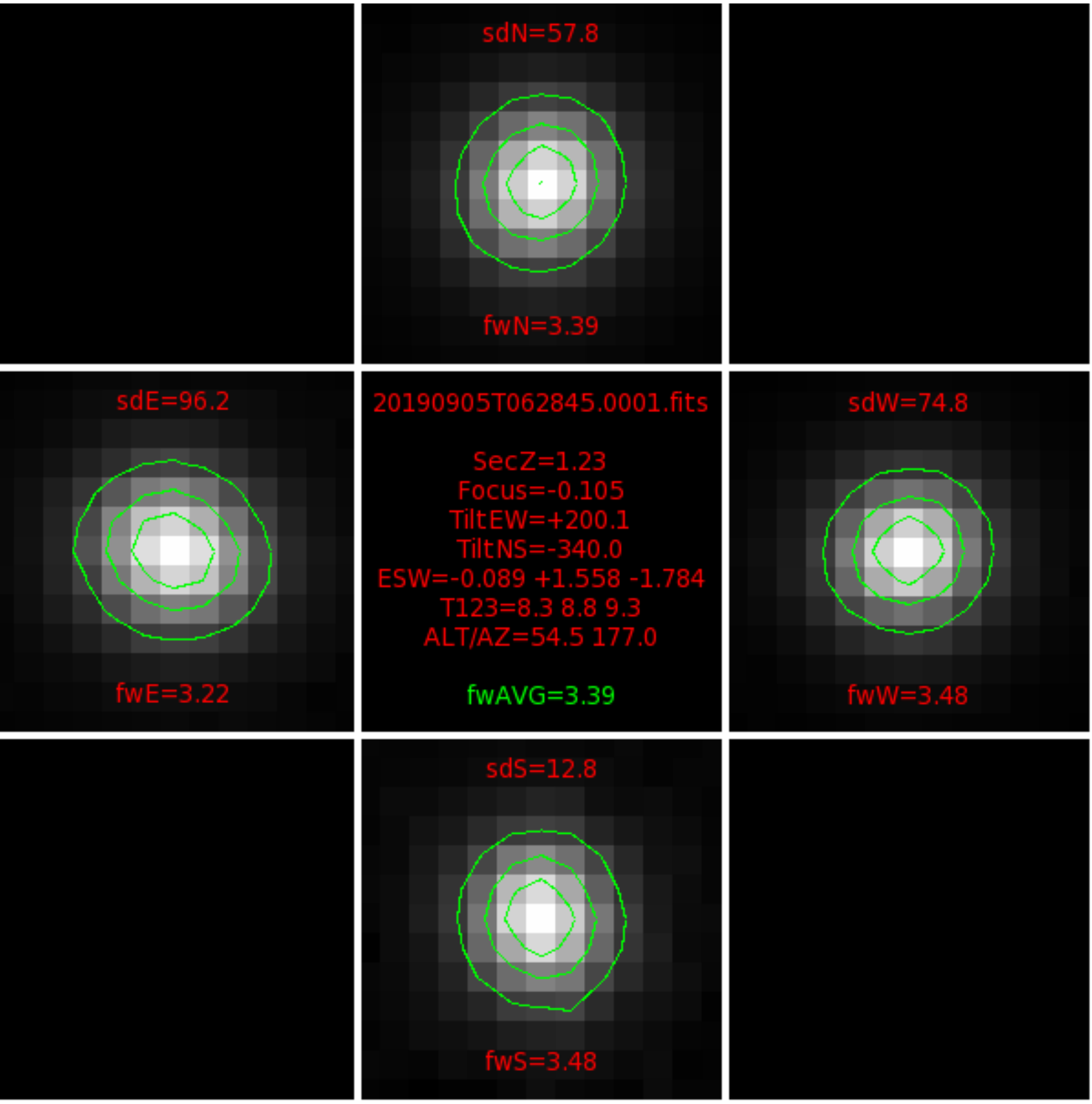
sdN=57.8
fwN=3.39
sdE=96.2
fwE=3.22
20190905T062845.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.8 9.3
ALT/AZ=54.5 177.0
fwAVG=3.39
sdW=74.8
fwW=3.48
sdS=12.8
fwS=3.48
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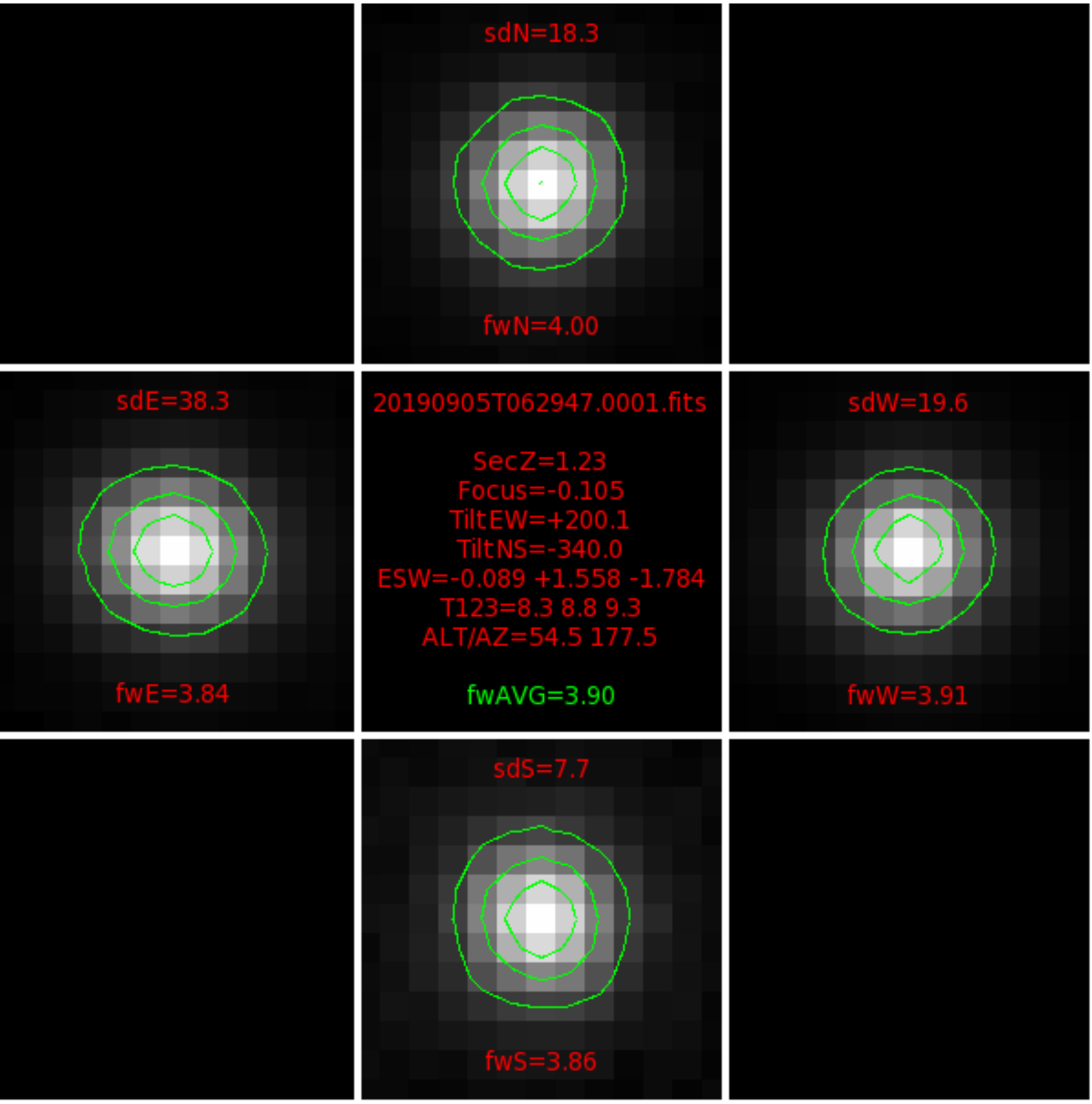
sdN=18.3
fwN=4.00
sdE=38.3
fwE=3.84
20190905T062947.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.8 9.3
ALT/AZ=54.5 177.5
fwAVG=3.90
sdW=19.6
fwW=3.91
sdS=7.7
fwS=3.86
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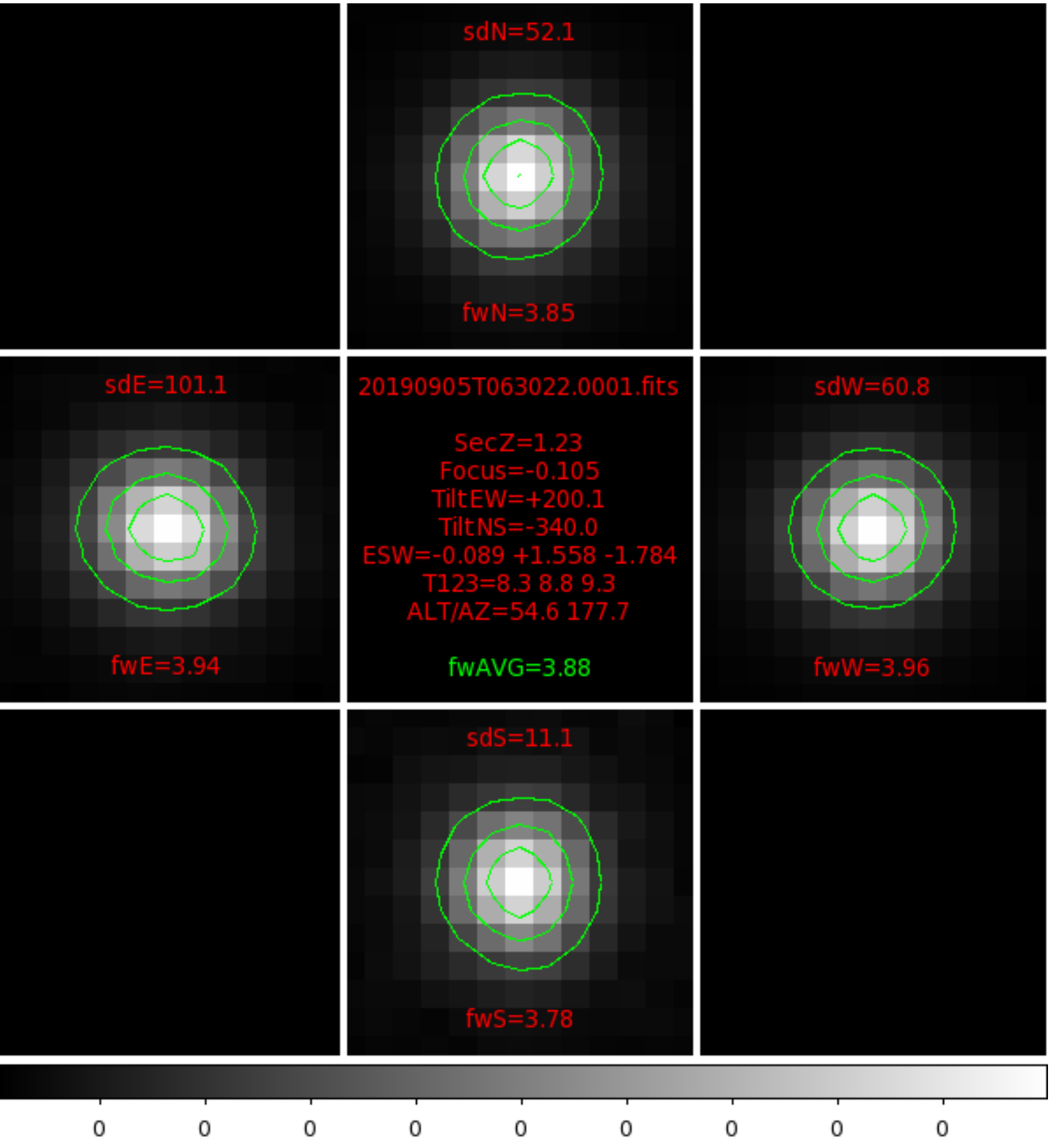
sdN=52.1
fwN=3.85
sdE=101.1
fwE=3.94
20190905T063022.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.8 9.3
ALT/AZ=54.6 177.7
fwAVG=3.88
sdW=60.8
fwW=3.96
sdS=11.1
fwS=3.78
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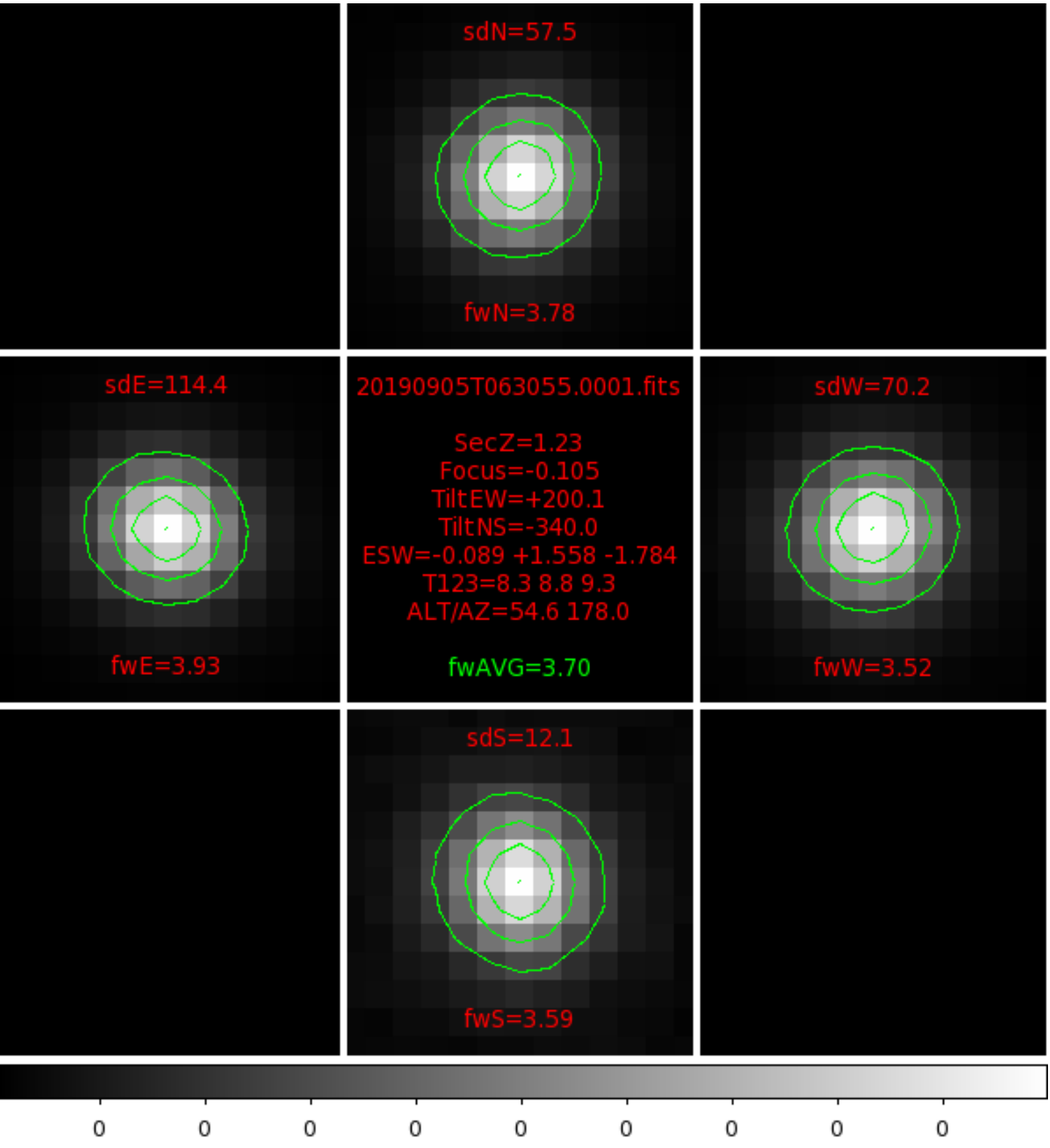
sdN=57.5
fwN=3.78
sdE=114.4
fwE=3.93
20190905T063055.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.8 9.3
ALT/AZ=54.6 178.0
fwAVG=3.70
sdW=70.2
fwW=3.52
sdS=12.1
fwS=3.59
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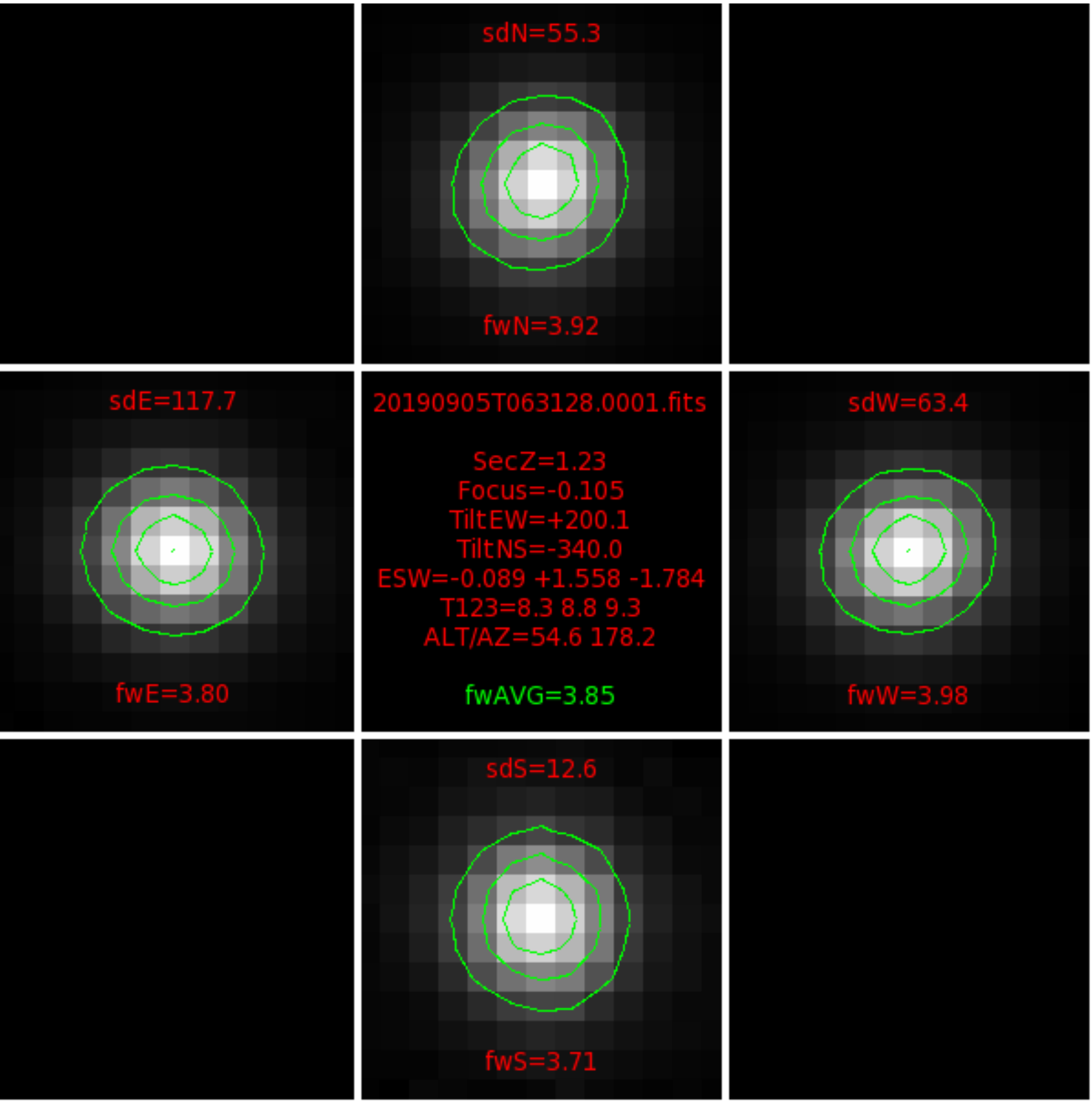
sdN=55.3
fwN=3.92
sdE=117.7
fwE=3.80
20190905T063128.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.8 9.3
ALT/AZ=54.6 178.2
fwAVG=3.85
sdW=63.4
fwW=3.98
sdS=12.6
fwS=3.71
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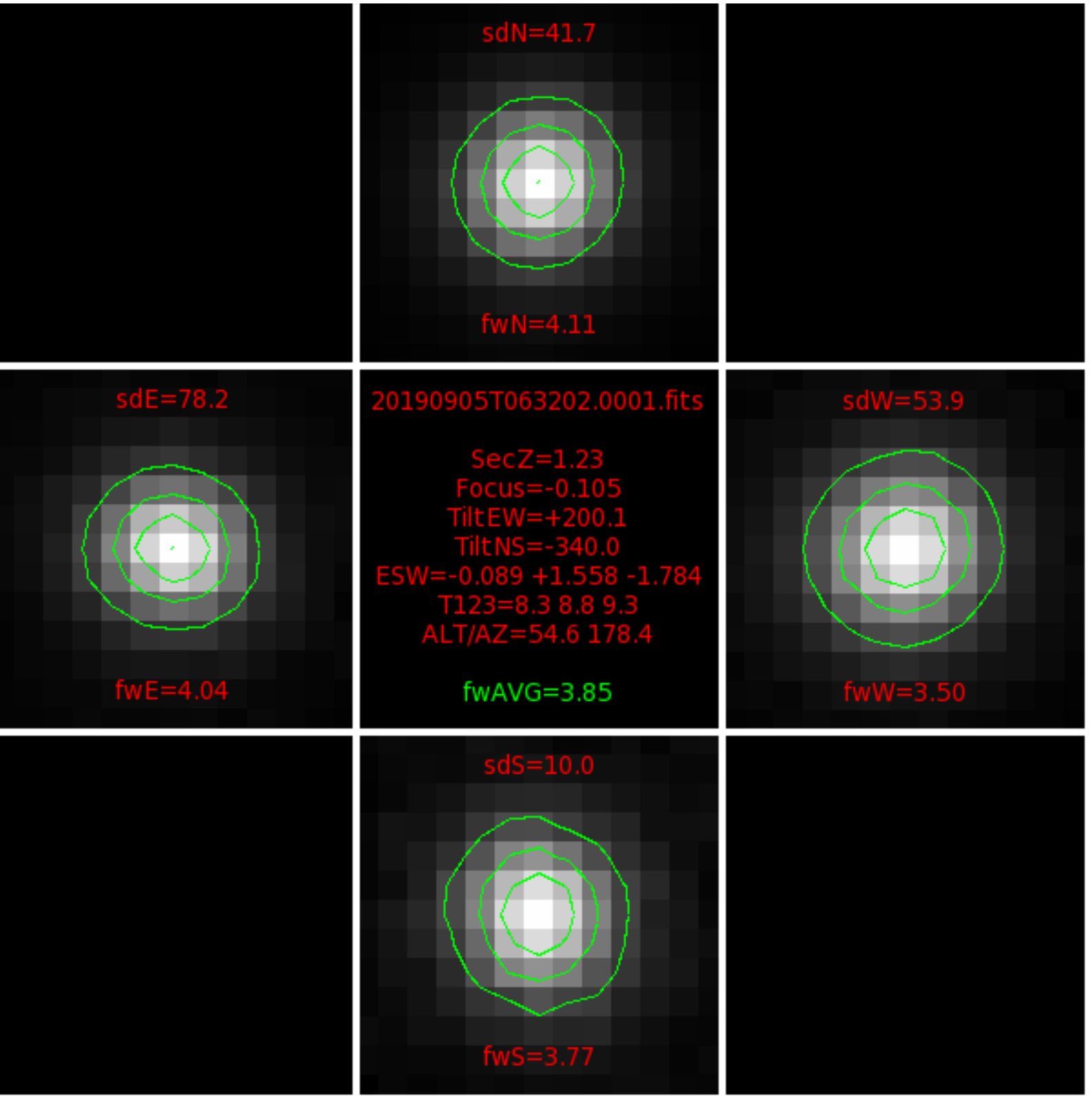
sdN=41.7
fwN=4.11
sdE=78.2
fwE=4.04
20190905T063202.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.8 9.3
ALT/AZ=54.6 178.4
fwAVG=3.85
sdW=53.9
fwW=3.50
sdS=10.0
fwS=3.77
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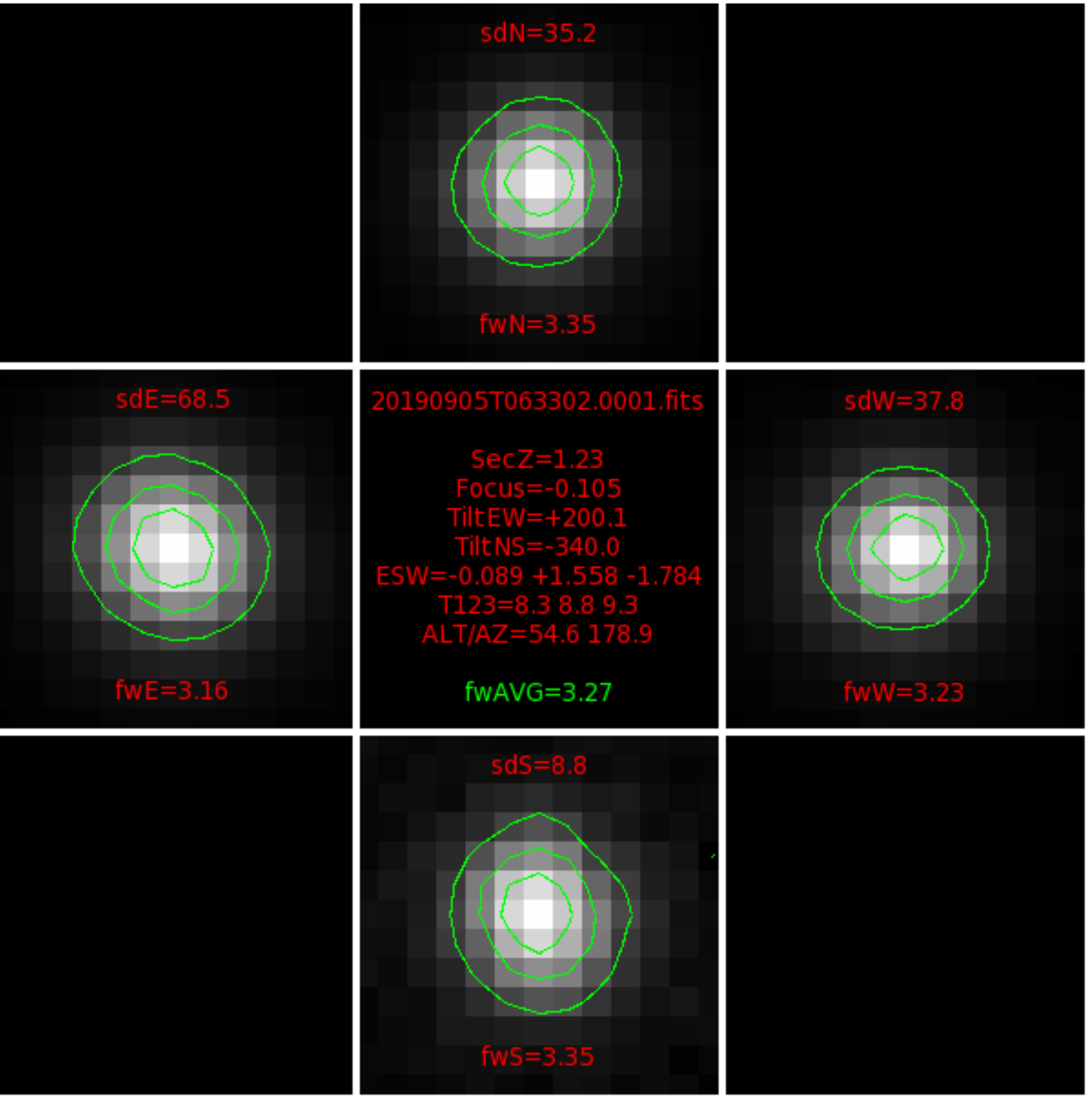
sdN=35.2
fwN=3.35
sdE=68.5
fwE=3.16
20190905T063302.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.8 9.3
ALT/AZ=54.6 178.9
fwAVG=3.27
sdW=37.8
fwW=3.23
sdS=8.8
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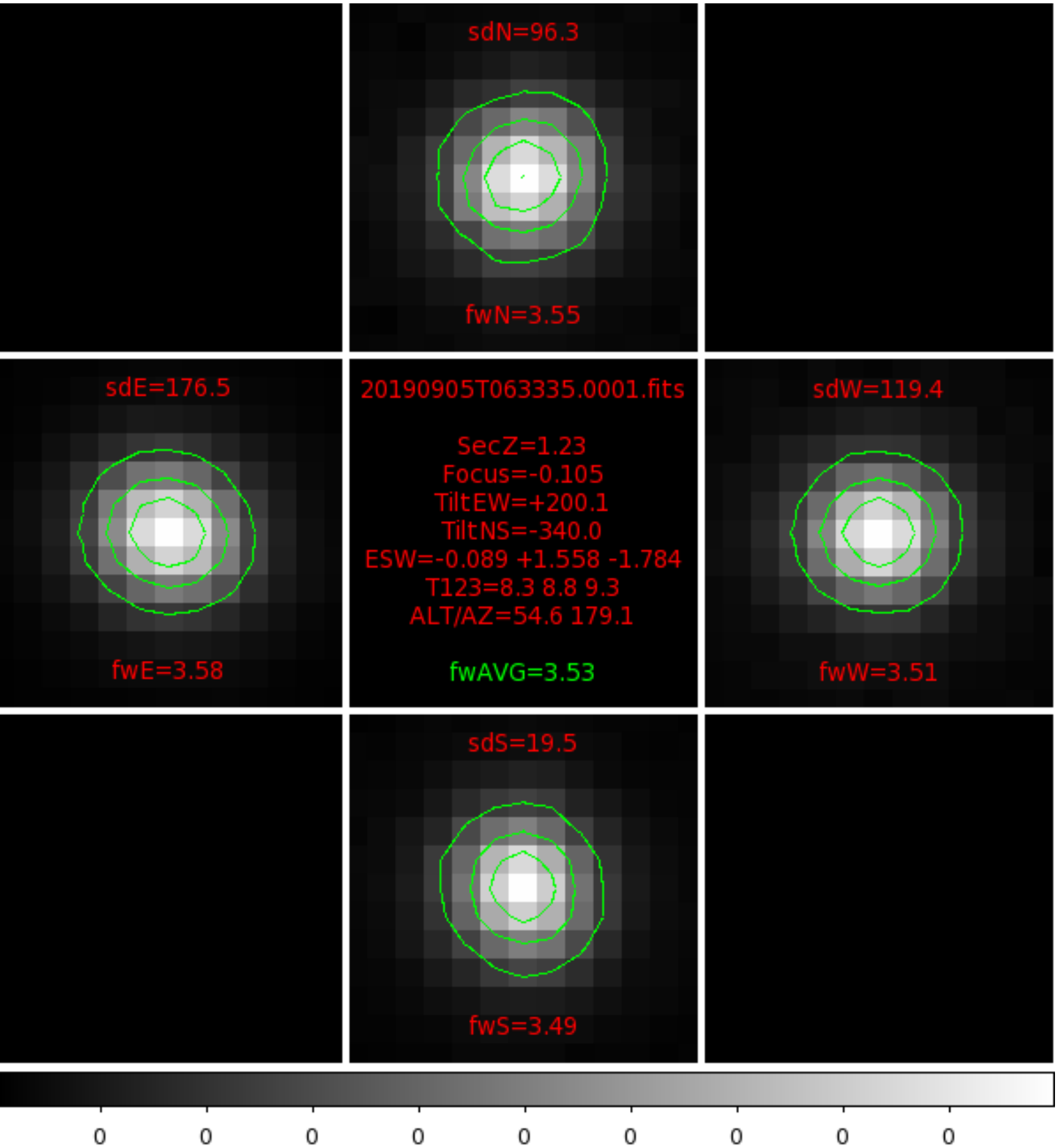
sdN=96.3
fwN=3.55
sdE=176.5
fwE=3.58
20190905T063335.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.8 9.3
ALT/AZ=54.6 179.1
fwAVG=3.53
sdW=119.4
fwW=3.51
sdS=19.5
fwS=3.49
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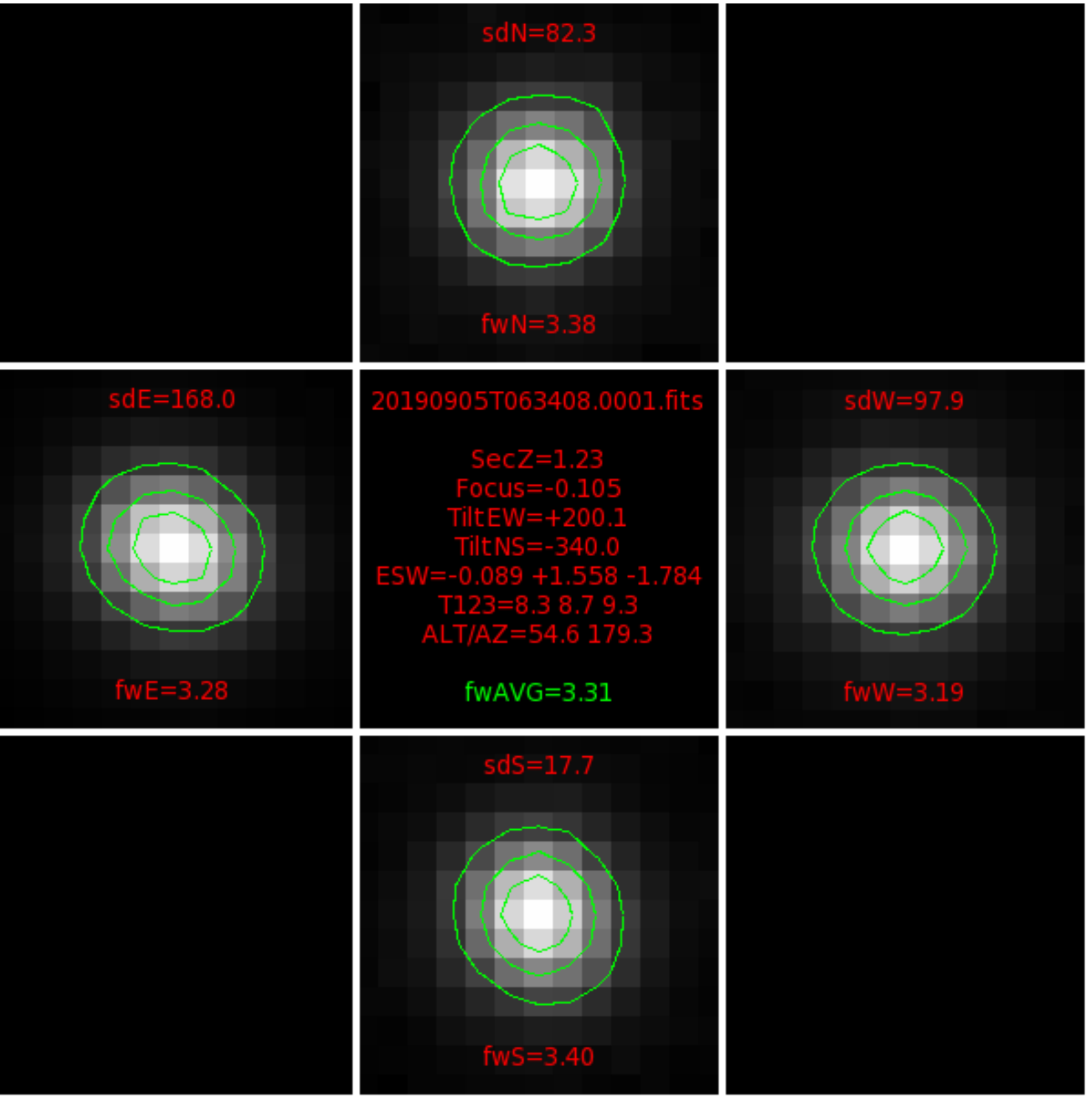
sdN=82.3
fwN=3.38
sdE=168.0
fwE=3.28
20190905T063408.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.7 9.3
ALT/AZ=54.6 179.3
fwAVG=3.31
sdW=97.9
fwW=3.19
sdS=17.7
fwS=3.40
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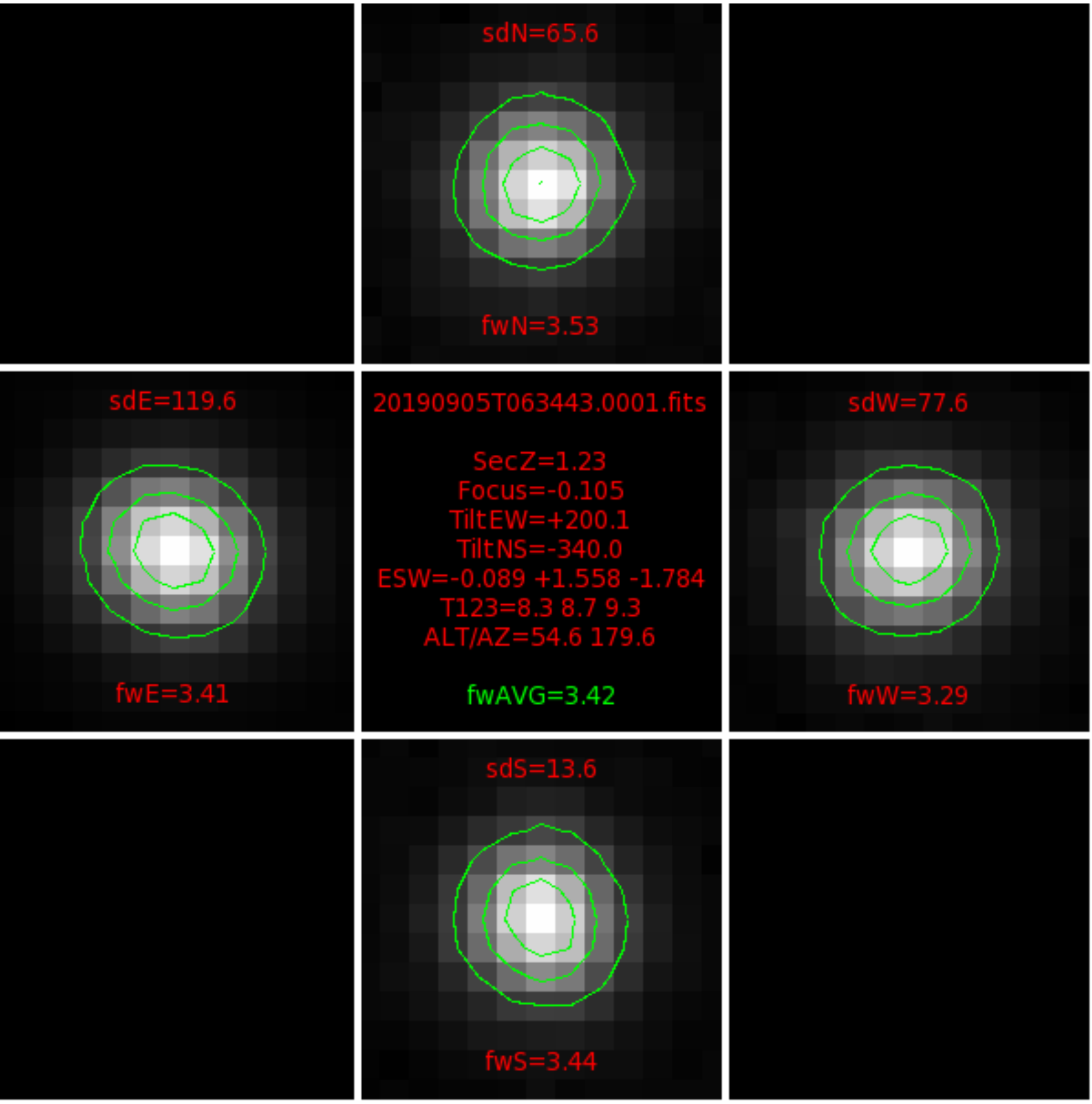
sdN=65.6
fwN=3.53
sdE=119.6
fwE=3.41
20190905T063443.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.7 9.3
ALT/AZ=54.6 179.6
fwAVG=3.42
sdW=77.6
fwW=3.29
sdS=13.6
fwS=3.44
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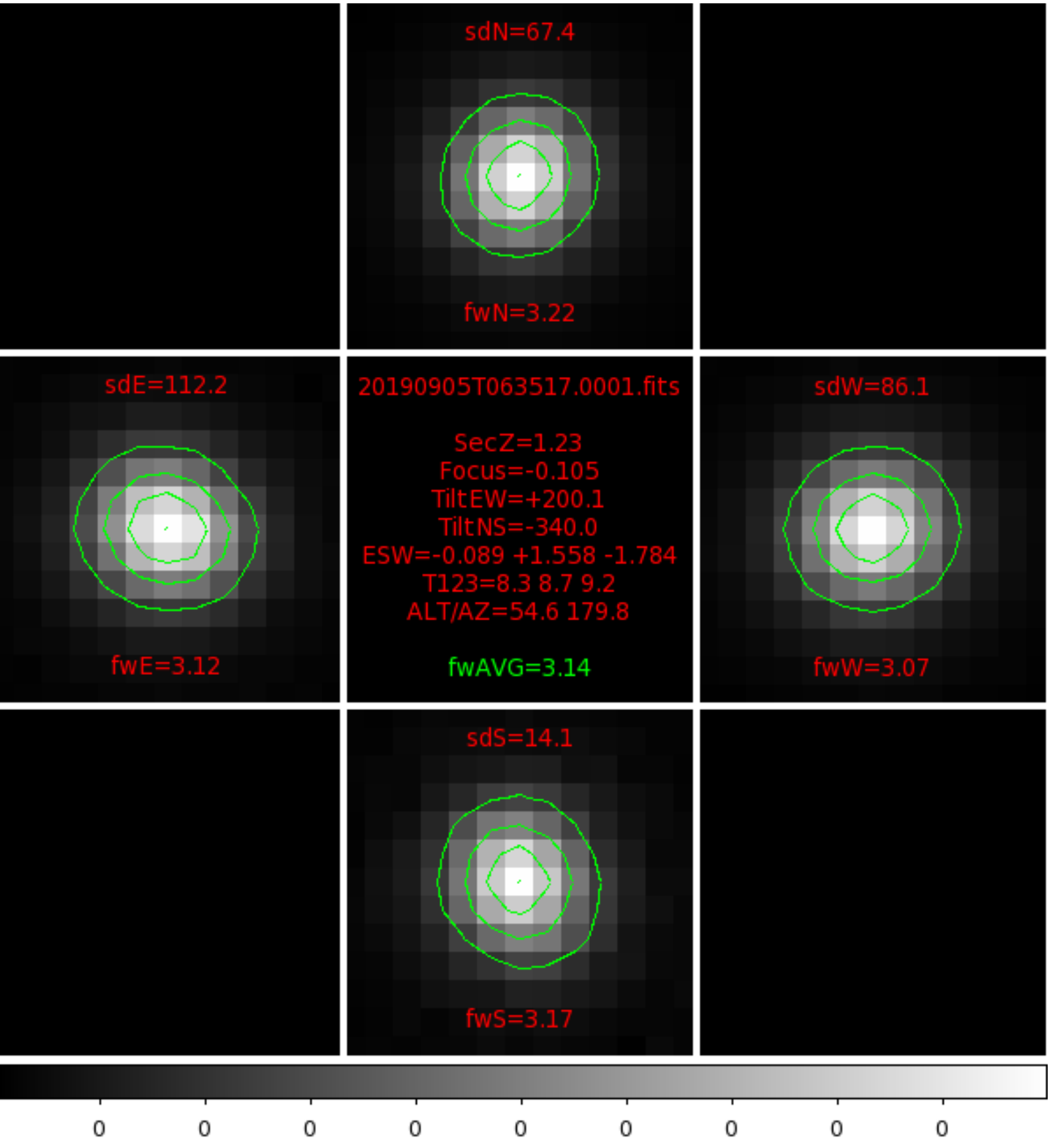
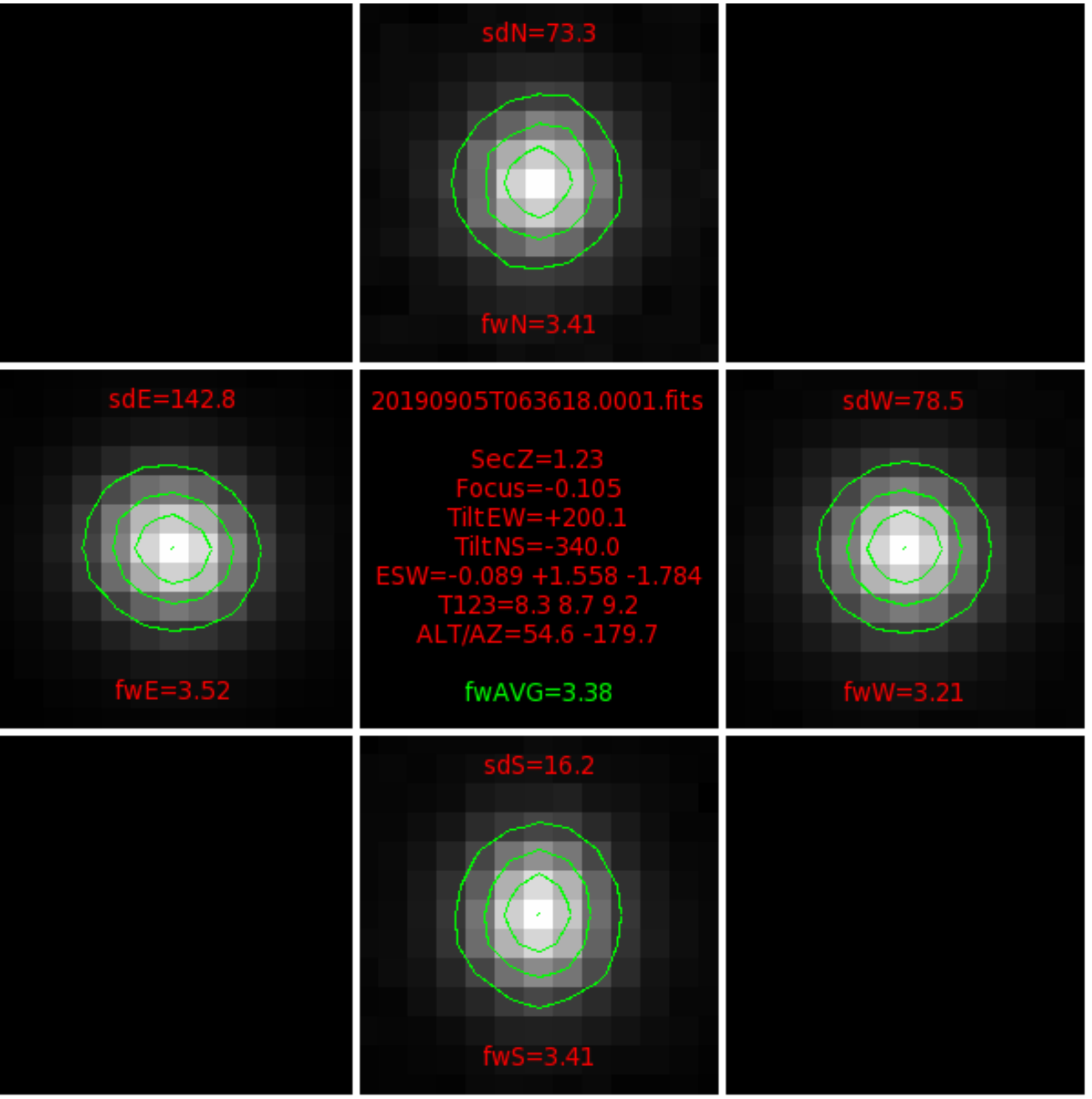

sdN=67.4
fwN=3.22
sdE=112.2
fwE=3.12
20190905T063517.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.7 9.2
ALT/AZ=54.6 179.8
fwAVG=3.14
sdW=86.1
fwW=3.07
sdS=14.1
fwS=3.17
0 0 0 0 0 0 0 0 0


sdN=73.3
fwN=3.41
sdE=142.8
fwE=3.52
20190905T063618.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.3 8.7 9.2
ALT/AZ=54.6 -179.7
fwAVG=3.38
sdW=78.5
fwW=3.21
sdS=16.2
fwS=3.41
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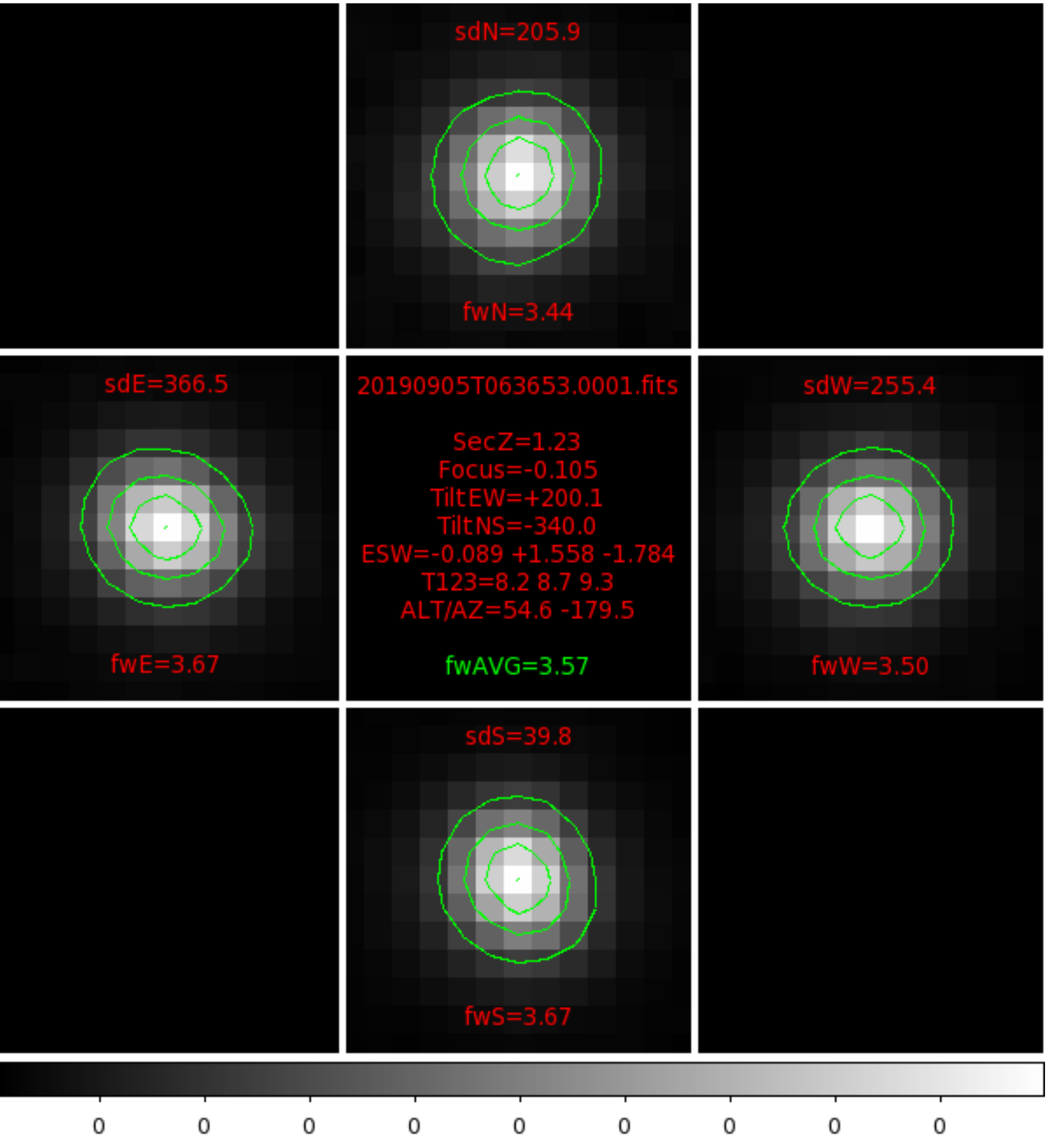
sdN=205.9
fwN=3.44
sdE=366.5
fwE=3.67
20190905T063653.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.2 8.7 9.3
ALT/AZ=54.6 -179.5
fwAVG=3.57
sdW=255.4
fwW=3.50
sdS=39.8
fwS=3.67
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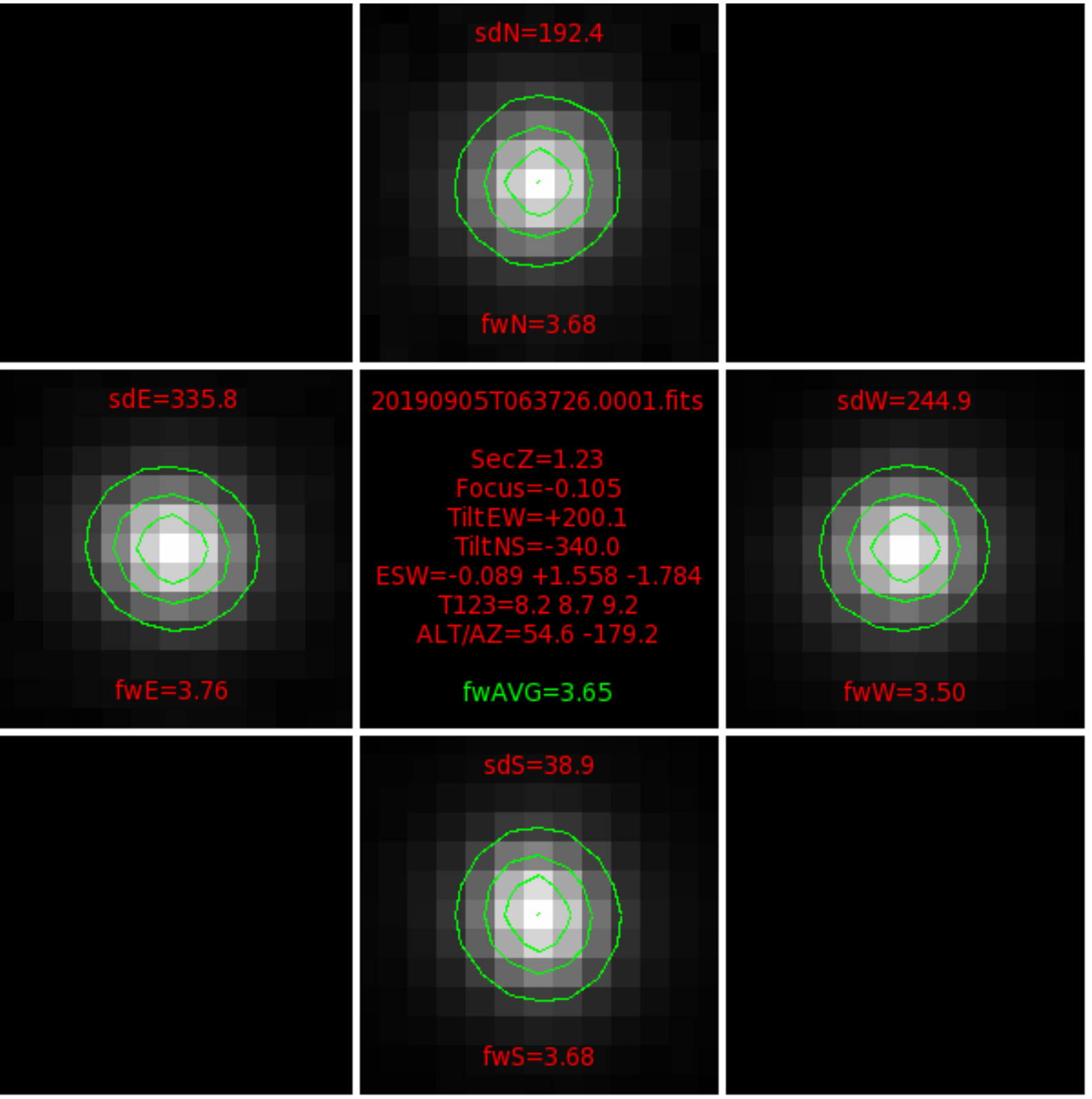
sdN=192.4
fwN=3.68
sdE=335.8
fwE=3.76
20190905T063726.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.2 8.7 9.2
ALT/AZ=54.6 -179.2
fwAVG=3.65
sdW=244.9
fwW=3.50
sdS=38.9
fwS=3.68
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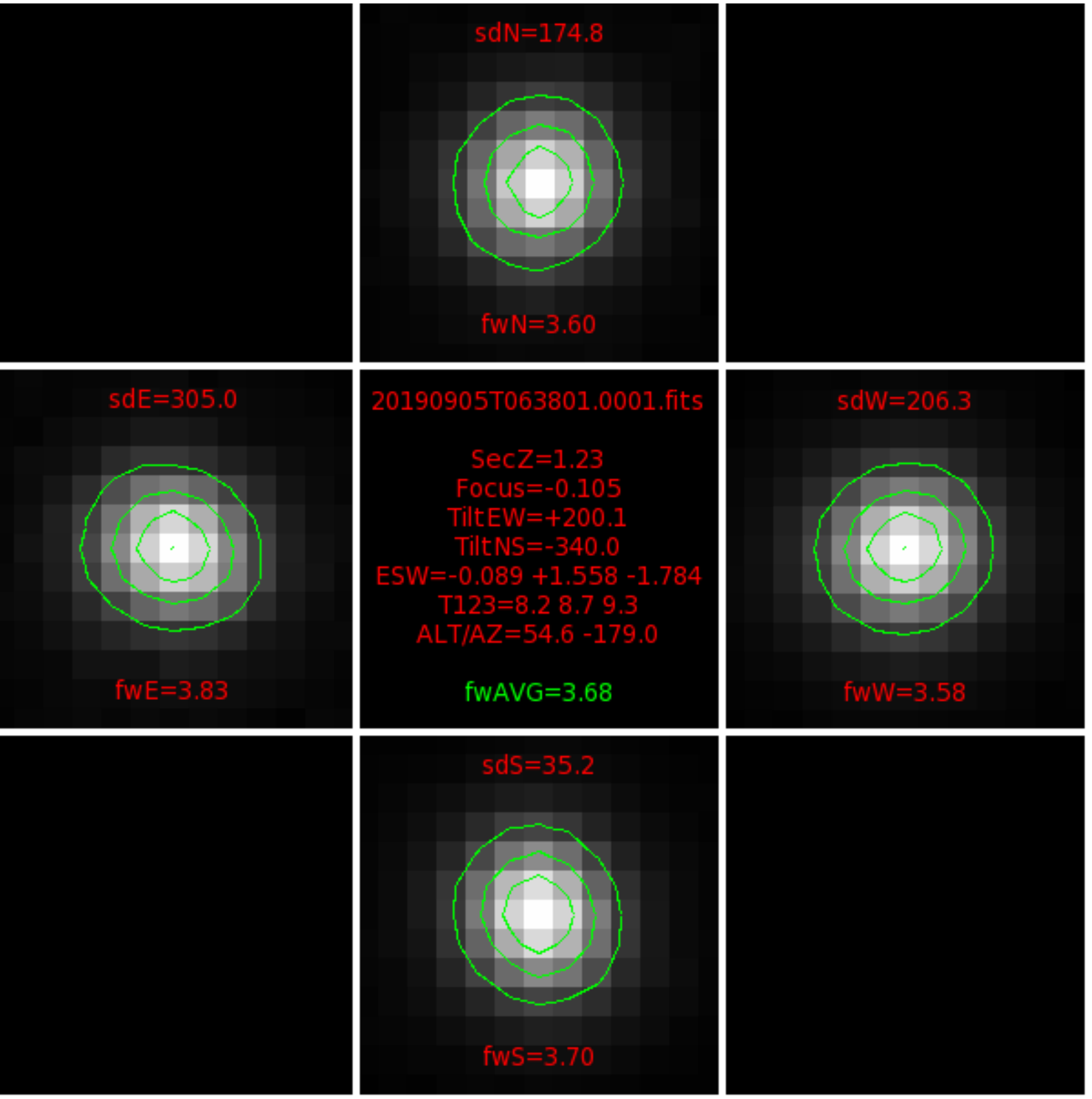
sdN=174.8
fwN=3.60
sdE=305.0
fwE=3.83
20190905T063801.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.2 8.7 9.3
ALT/AZ=54.6 -179.0
fwAVG=3.68
sdW=206.3
fwW=3.58
sdS=35.2
fwS=3.70
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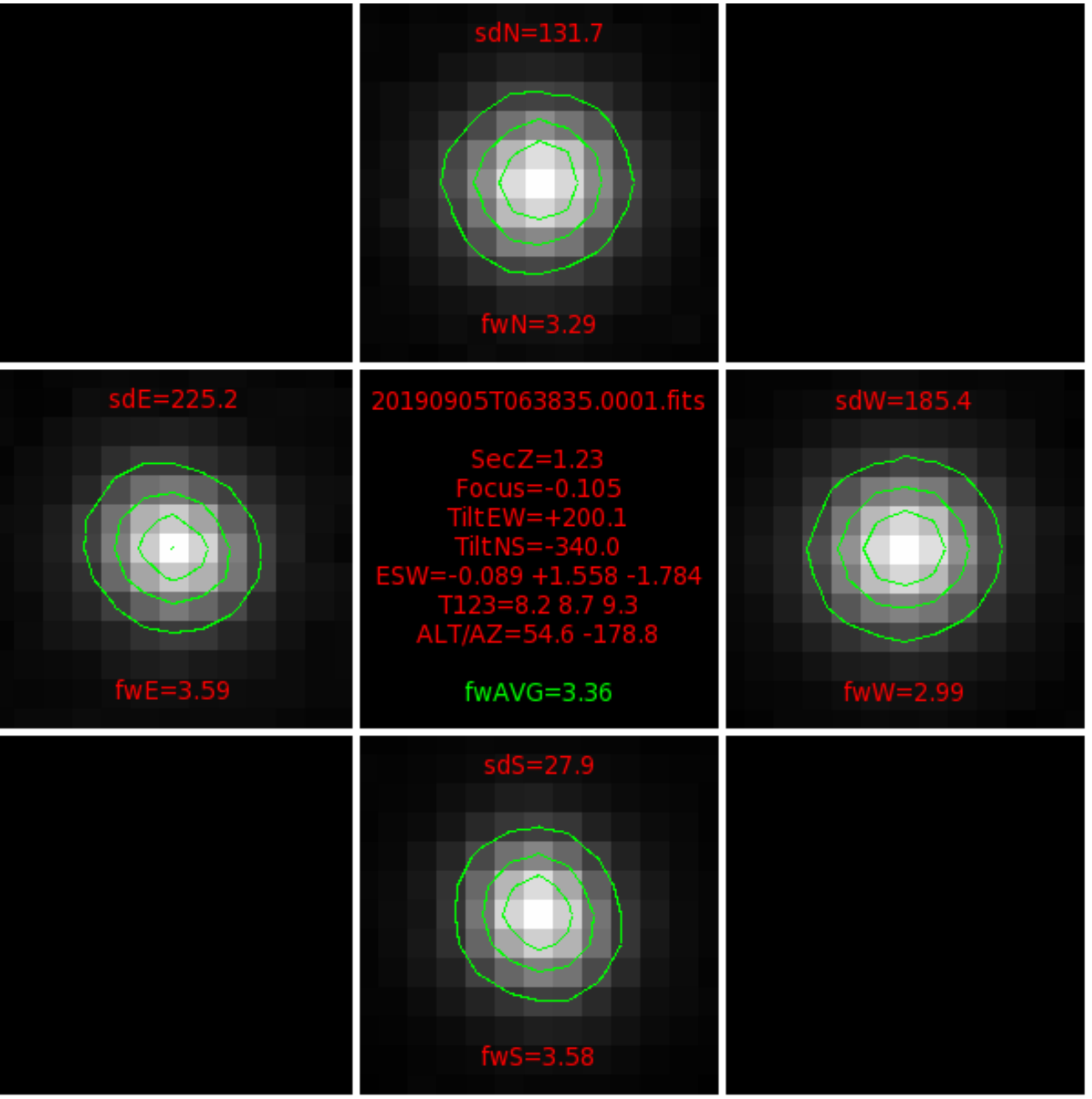
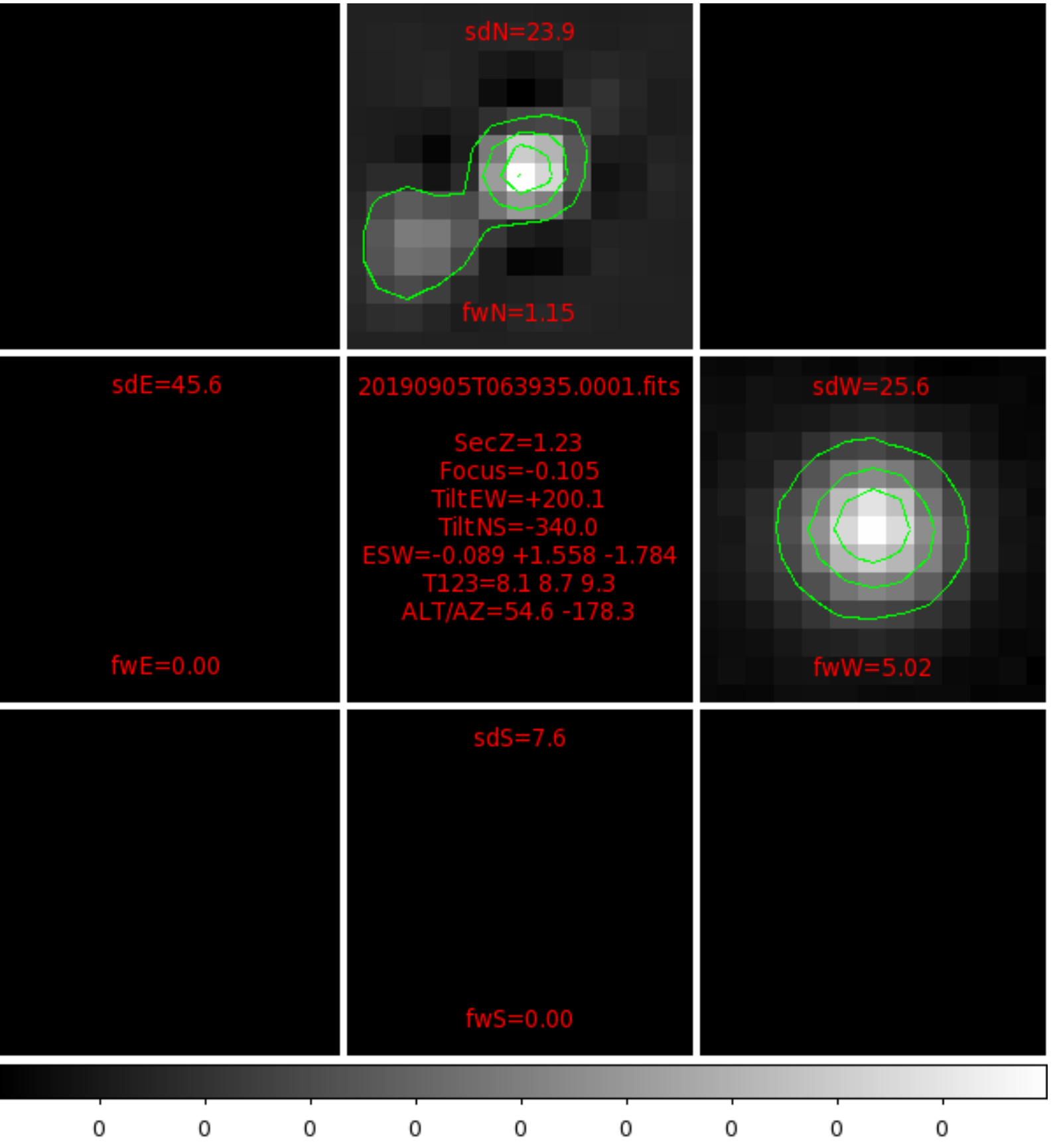
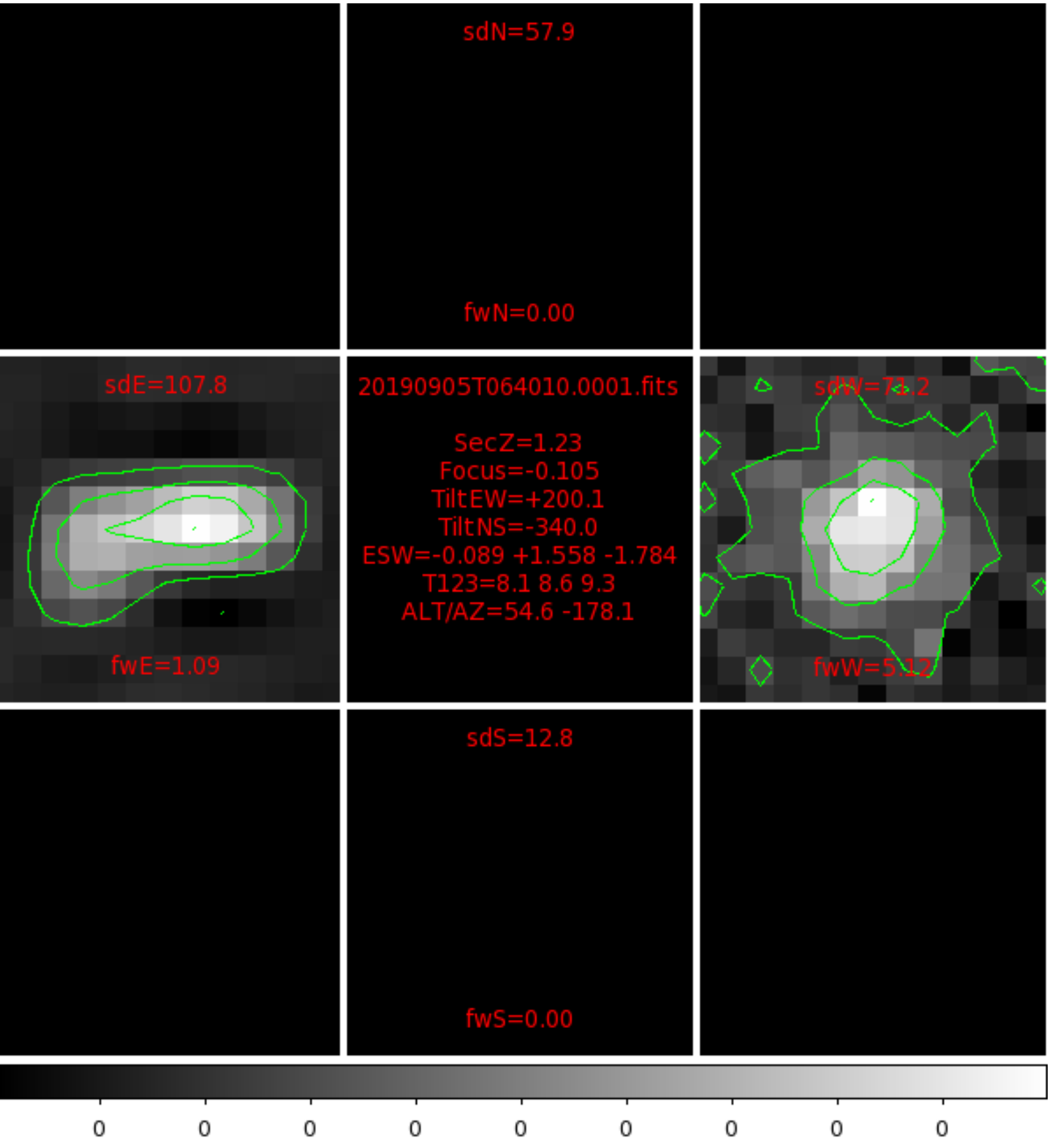

sdN=131.7
fwN=3.29
sdE=225.2
fwE=3.59
20190905T063835.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.2 8.7 9.3
ALT/AZ=54.6 -178.8
fwAVG=3.36
sdW=185.4
fwW=2.99
sdS=27.9
fwS=3.58
0 0 0 0 0 0 0 0 0


sdN=23.9
fwN=1.15
sdE=45.6
fwE=0.00
20190905T063935.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.1 8.7 9.3
ALT/AZ=54.6 -178.3
sdW=25.6
fwW=5.02
sdS=7.6
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=57.9
fwN=0.00
sdE=107.8
20190905T064010.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.1 8.6 9.3
ALT/AZ=54.6 -178.1
sdW=71.2
fwE=1.09
fwW=5.12
sdS=12.8
fwS=0.00
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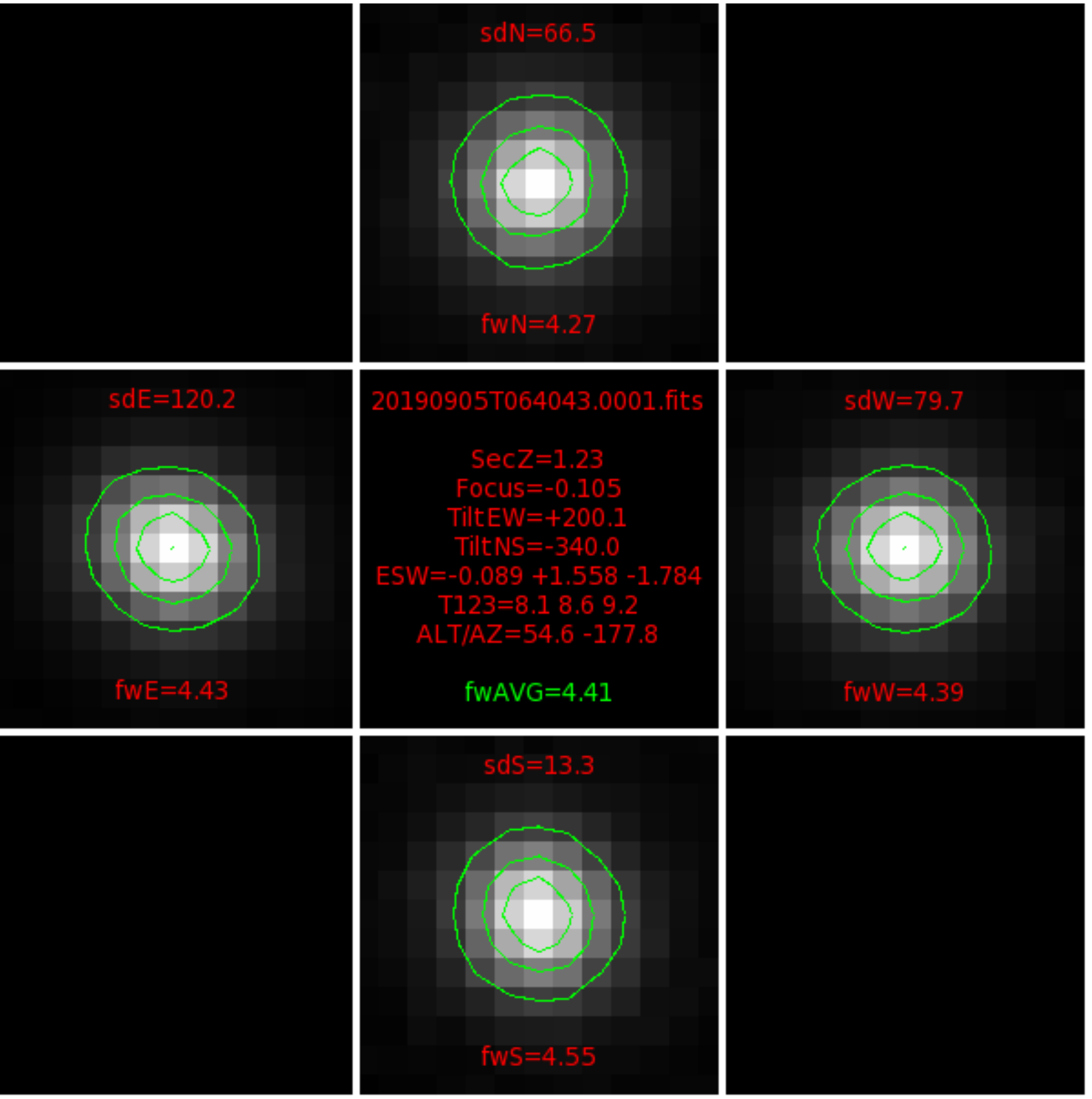
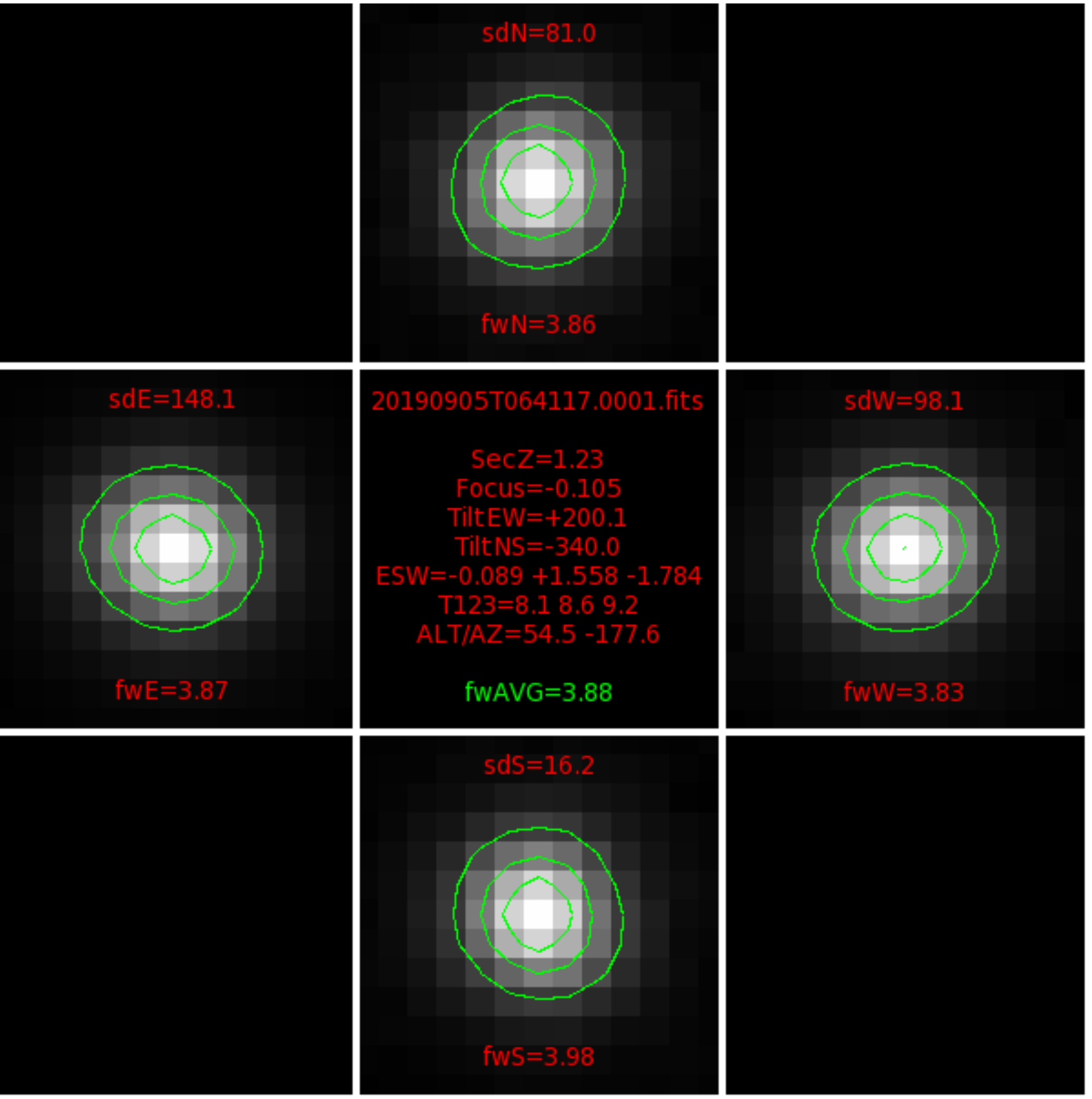

sdN=66.5
fwN=4.27
sdE=120.2
fwE=4.43
20190905T064043.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.1 8.6 9.2
ALT/AZ=54.6 -177.8
fwAVG=4.41
sdW=79.7
fwW=4.39
sdS=13.3
fwS=4.55
0 0 0 0 0 0 0 0 0


sdN=81.0
fwN=3.86
sdE=148.1
fwE=3.87
20190905T064117.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.1 8.6 9.2
ALT/AZ=54.5 -177.6
fwAVG=3.88
sdW=98.1
fwW=3.83
sdS=16.2
fwS=3.98
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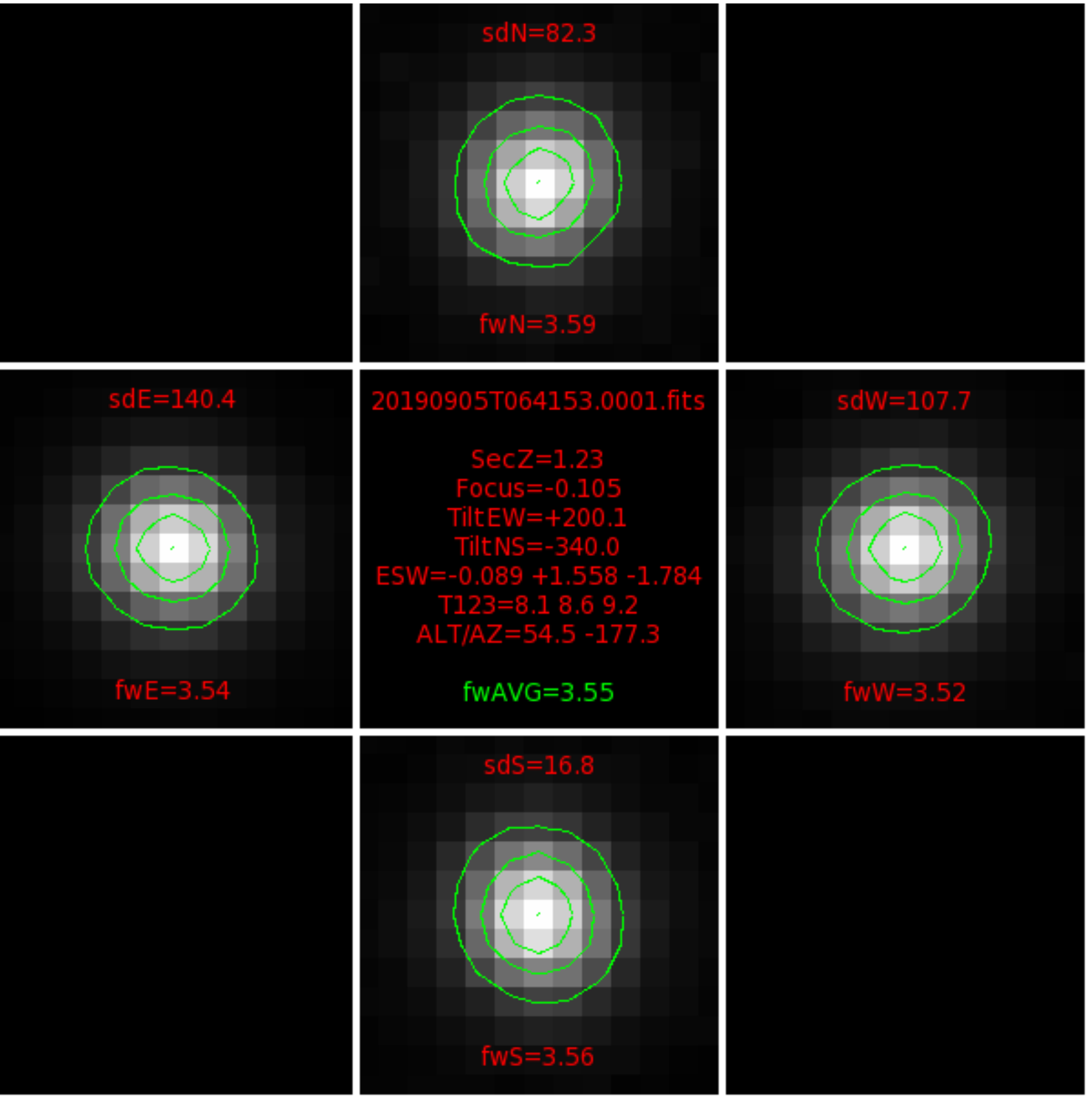
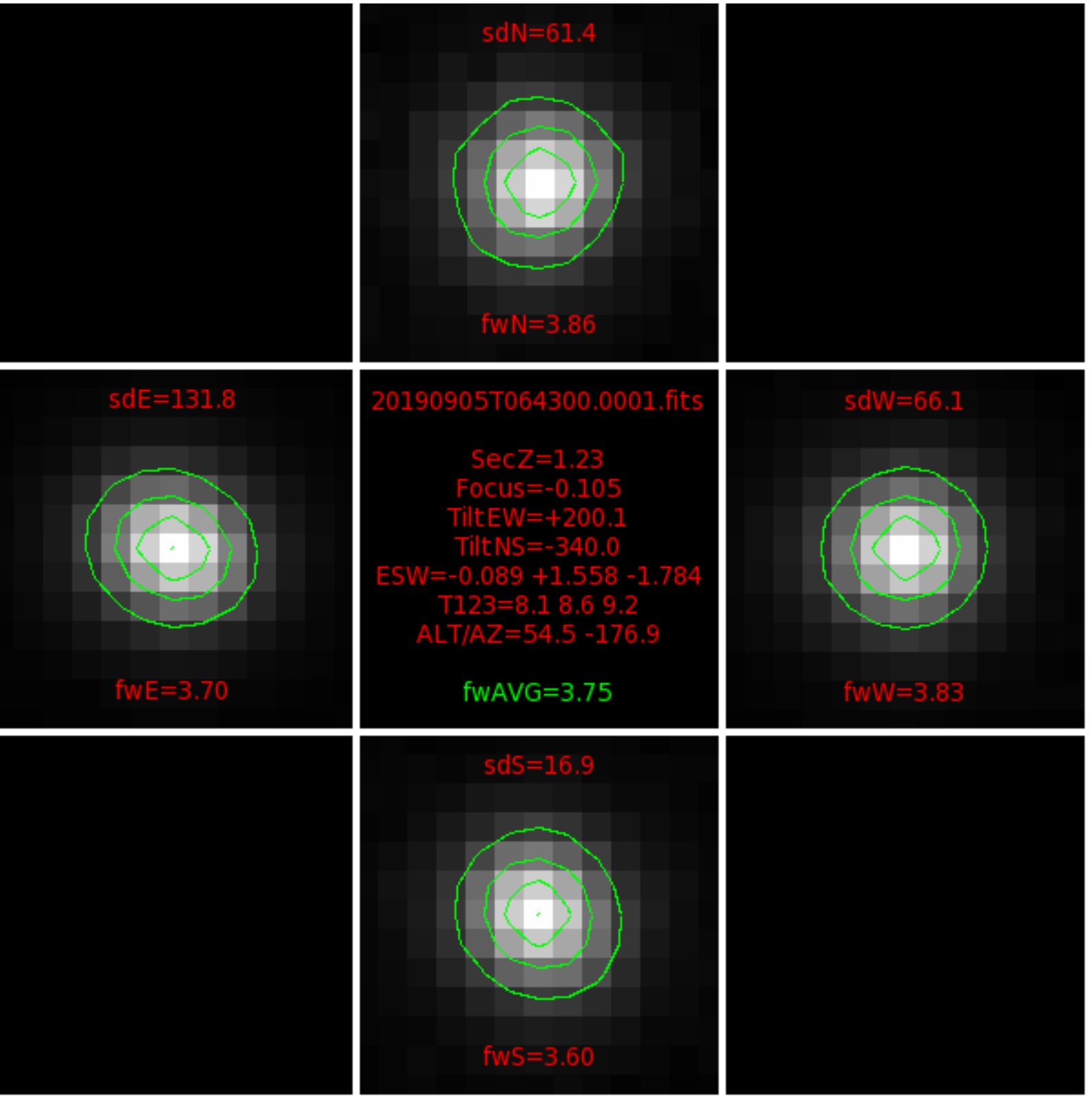
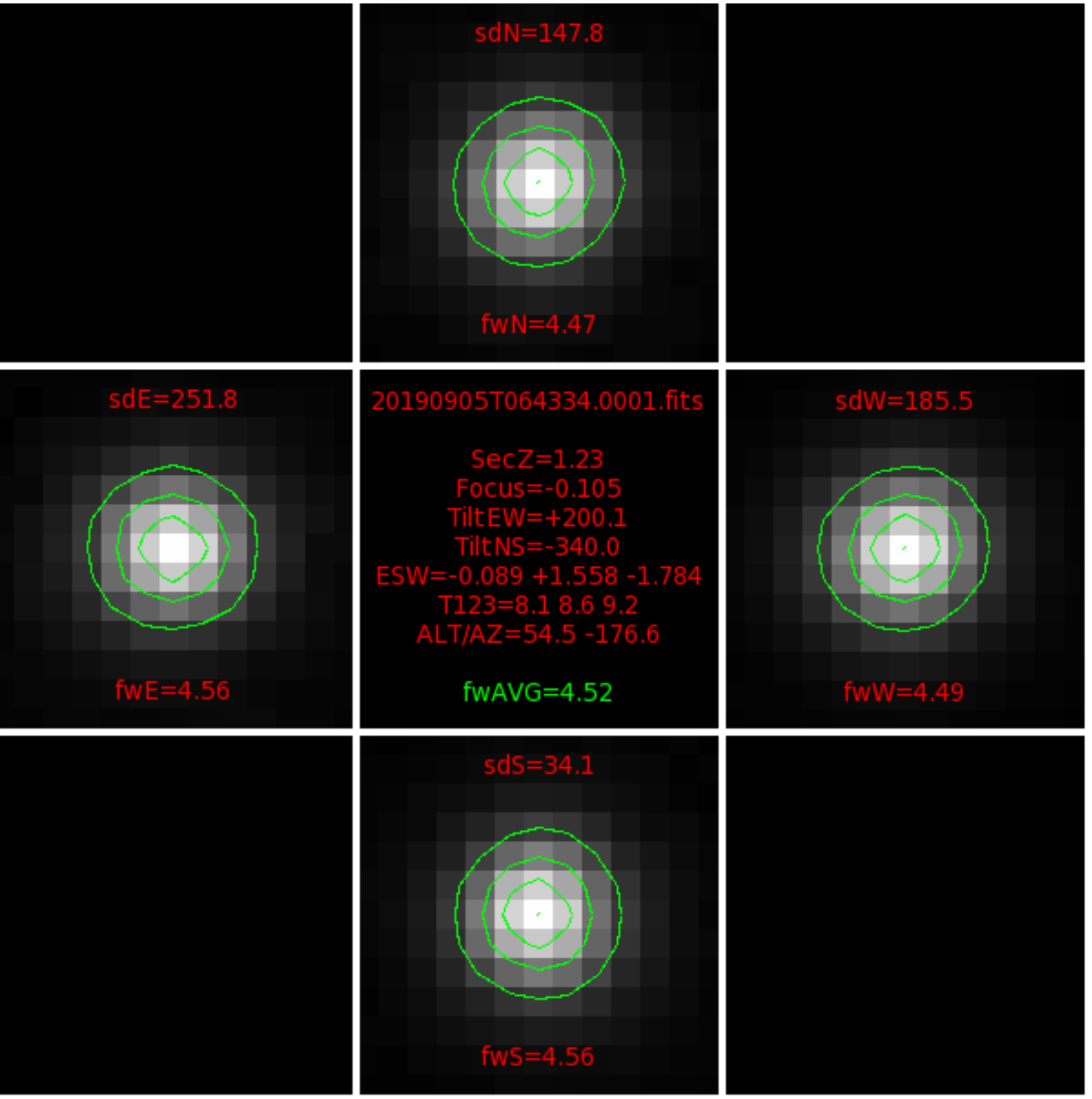
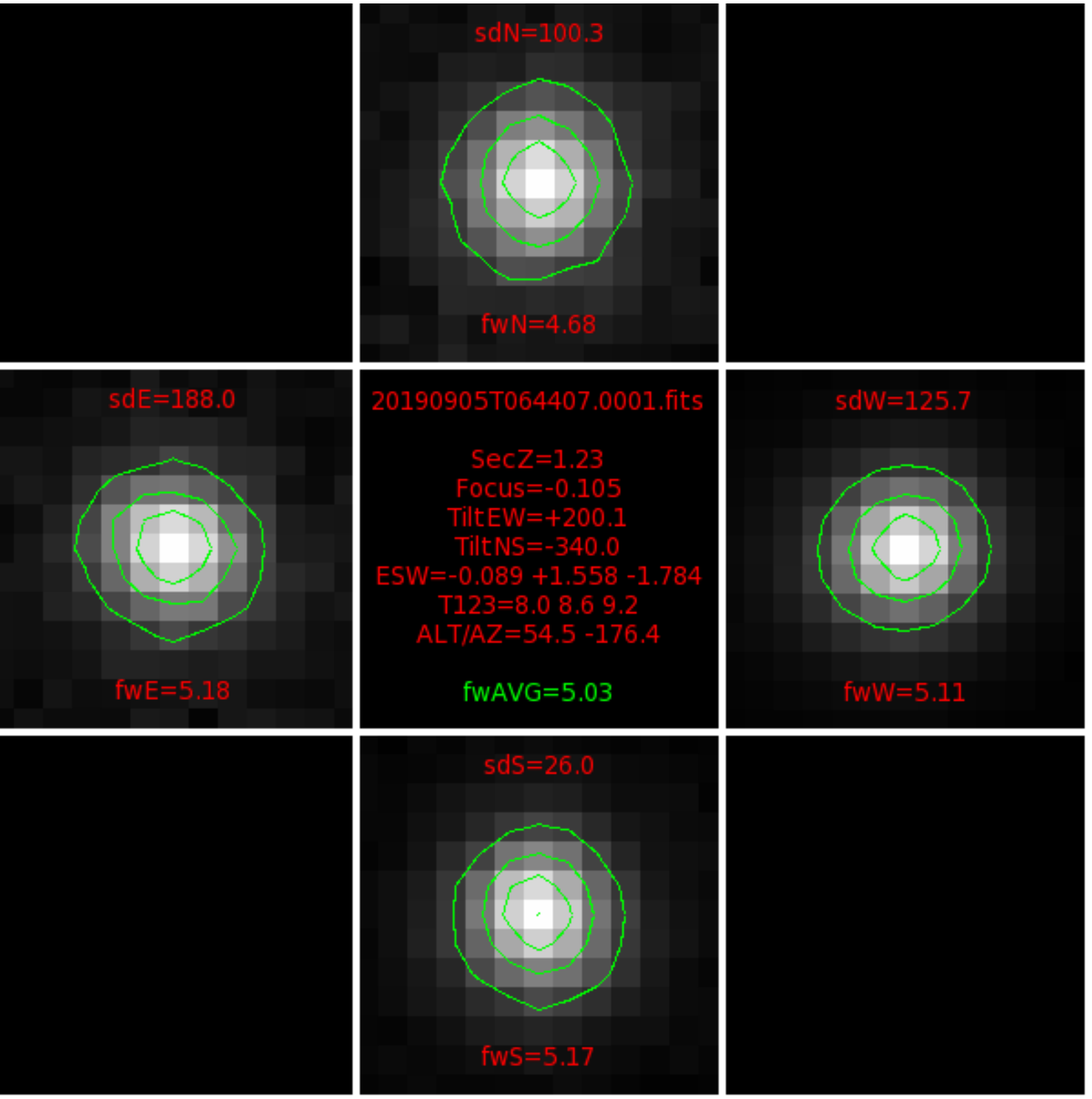

sdN=82.3
fwN=3.59
sdE=140.4
fwE=3.54
20190905T064153.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.1 8.6 9.2
ALT/AZ=54.5 -177.3
fwAVG=3.55
sdW=107.7
fwW=3.52
sdS=16.8
fwS=3.56
0 0 0 0 0 0 0 0 0


sdN=61.4
fwN=3.86
sdE=131.8
fwE=3.70
20190905T064300.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.1 8.6 9.2
ALT/AZ=54.5 -176.9
fwAVG=3.75
sdW=66.1
fwW=3.83
sdS=16.9
fwS=3.60
0 0 0 0 0 0 0 0 0


sdN=147.8
fwN=4.47
sdE=251.8
fwE=4.56
20190905T064334.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.1 8.6 9.2
ALT/AZ=54.5 -176.6
fwAVG=4.52
sdW=185.5
fwW=4.49
sdS=34.1
fwS=4.56
0 0 0 0 0 0 0 0 0


sdN=100.3
fwN=4.68
sdE=188.0
fwE=5.18
20190905T064407.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.0 8.6 9.2
ALT/AZ=54.5 -176.4
fwAVG=5.03
sdW=125.7
fwW=5.11
sdS=26.0
fwS=5.17
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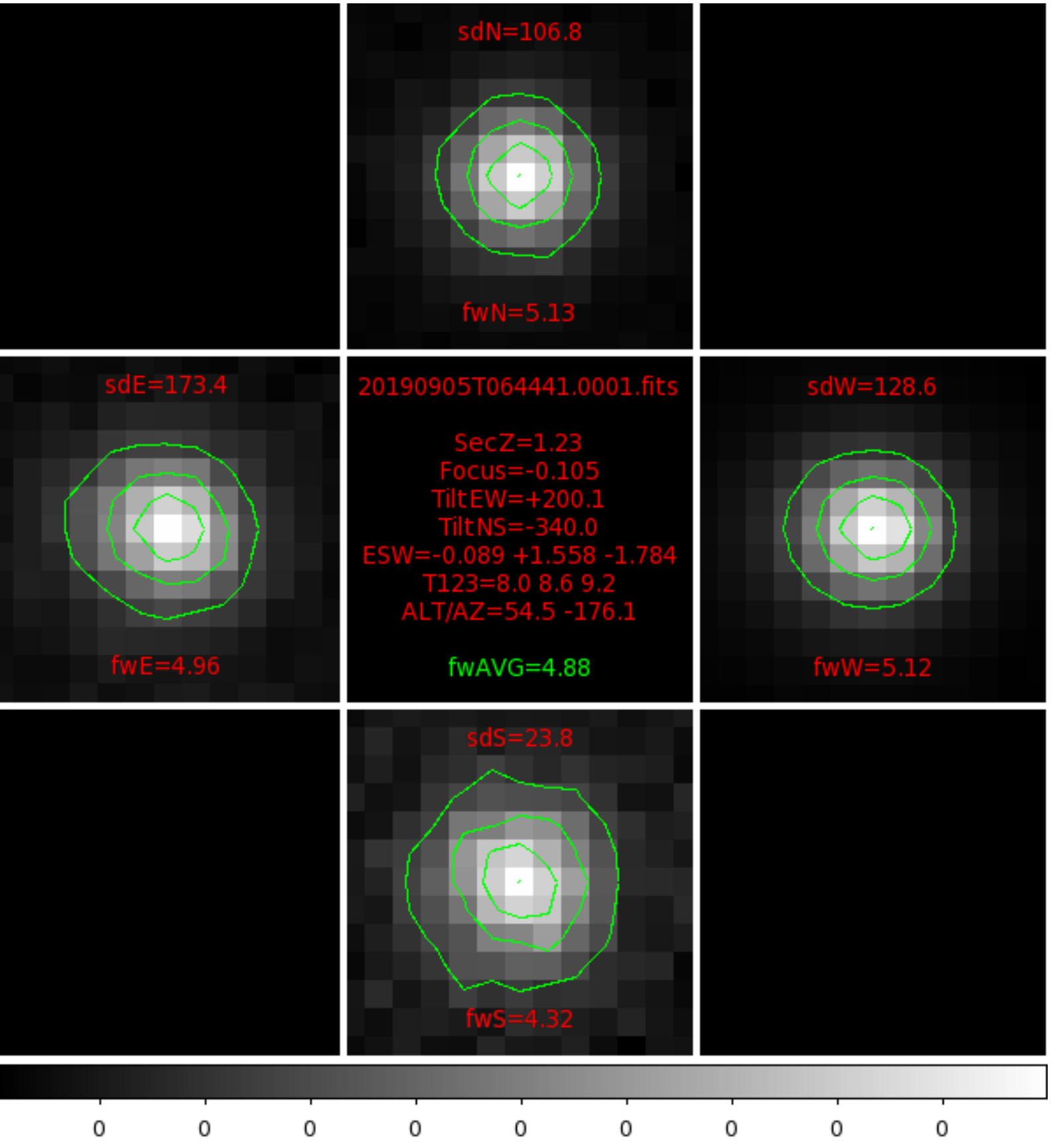
sdN=106.8
fwN=5.13
sdE=173.4
fwE=4.96
20190905T064441.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.0 8.6 9.2
ALT/AZ=54.5 -176.1
fwAVG=4.88
sdW=128.6
fwW=5.12
sdS=23.8
fwS=4.32
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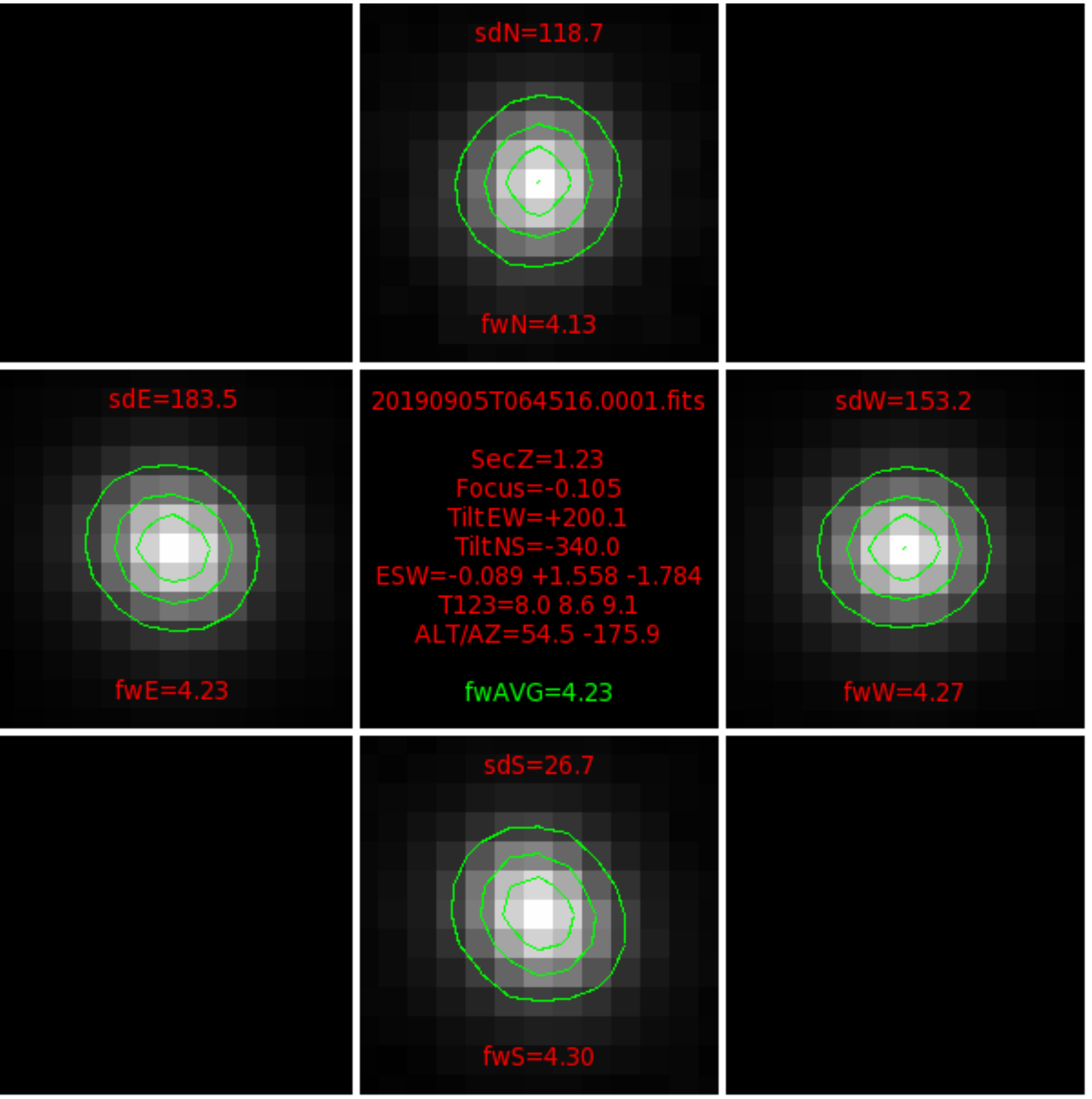
sdN=118.7
fwN=4.13
sdE=183.5
fwE=4.23
20190905T064516.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.0 8.6 9.1
ALT/AZ=54.5 -175.9
fwAVG=4.23
sdW=153.2
fwW=4.27
sdS=26.7
fwS=4.30
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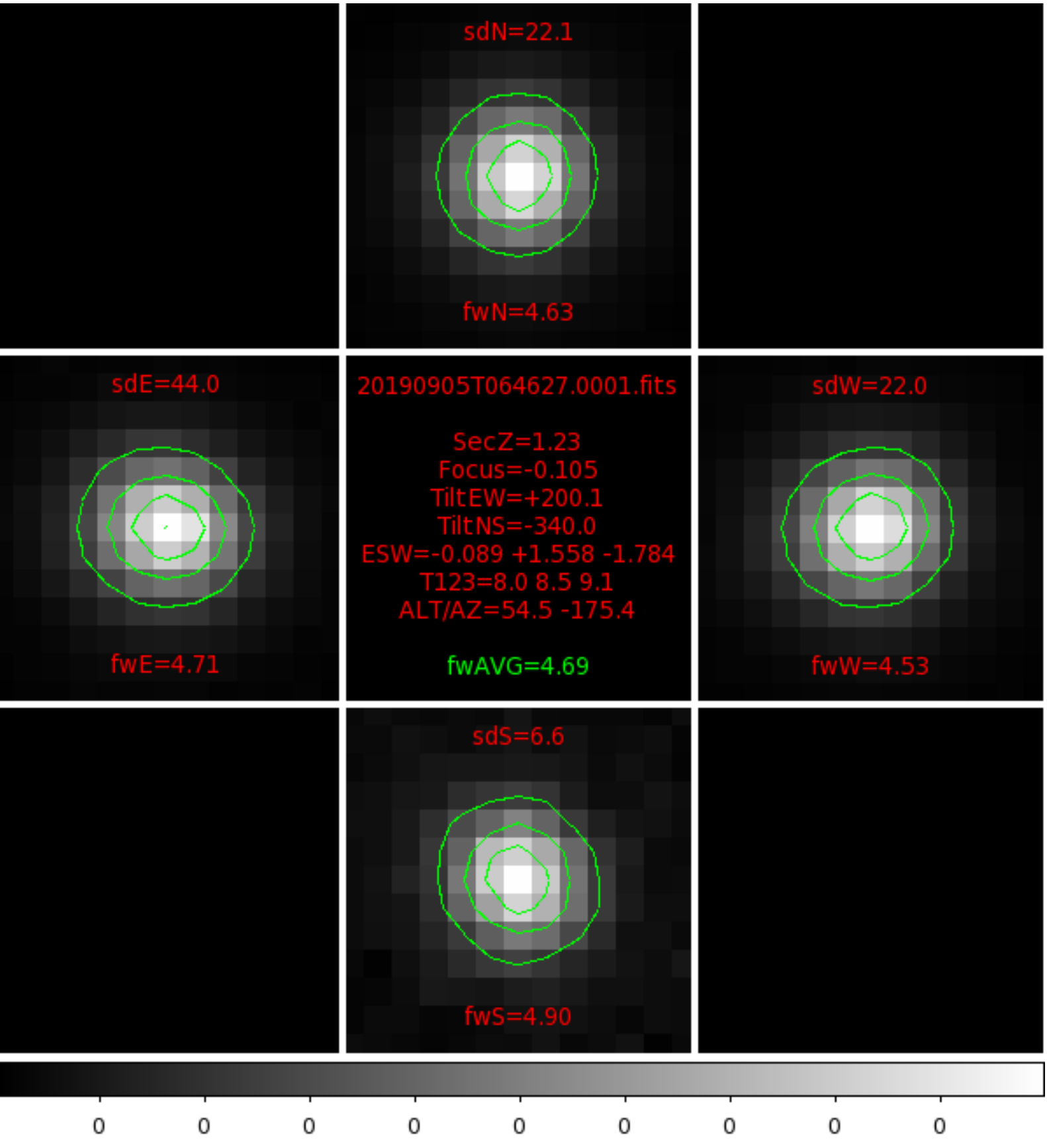
sdN=22.1
fwN=4.63
sdE=44.0
fwE=4.71
20190905T064627.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.0 8.5 9.1
ALT/AZ=54.5 -175.4
fwAVG=4.69
sdW=22.0
fwW=4.53
sdS=6.6
fwS=4.90
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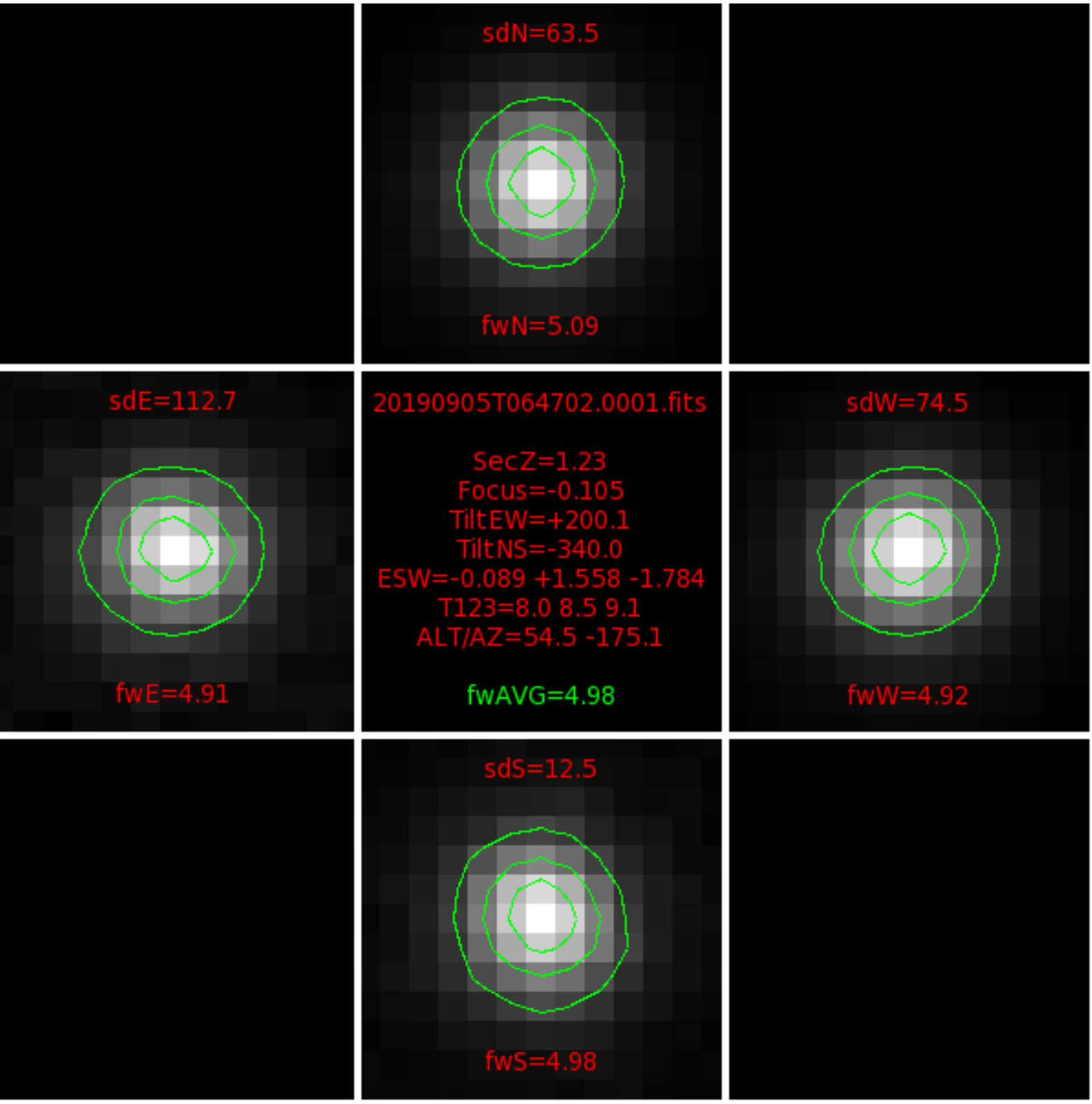
sdN=63.5
fwN=5.09
sdE=112.7
fwE=4.91
20190905T064702.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=8.0 8.5 9.1
ALT/AZ=54.5 -175.1
fwAVG=4.98
sdW=74.5
fwW=4.92
sdS=12.5
fwS=4.98
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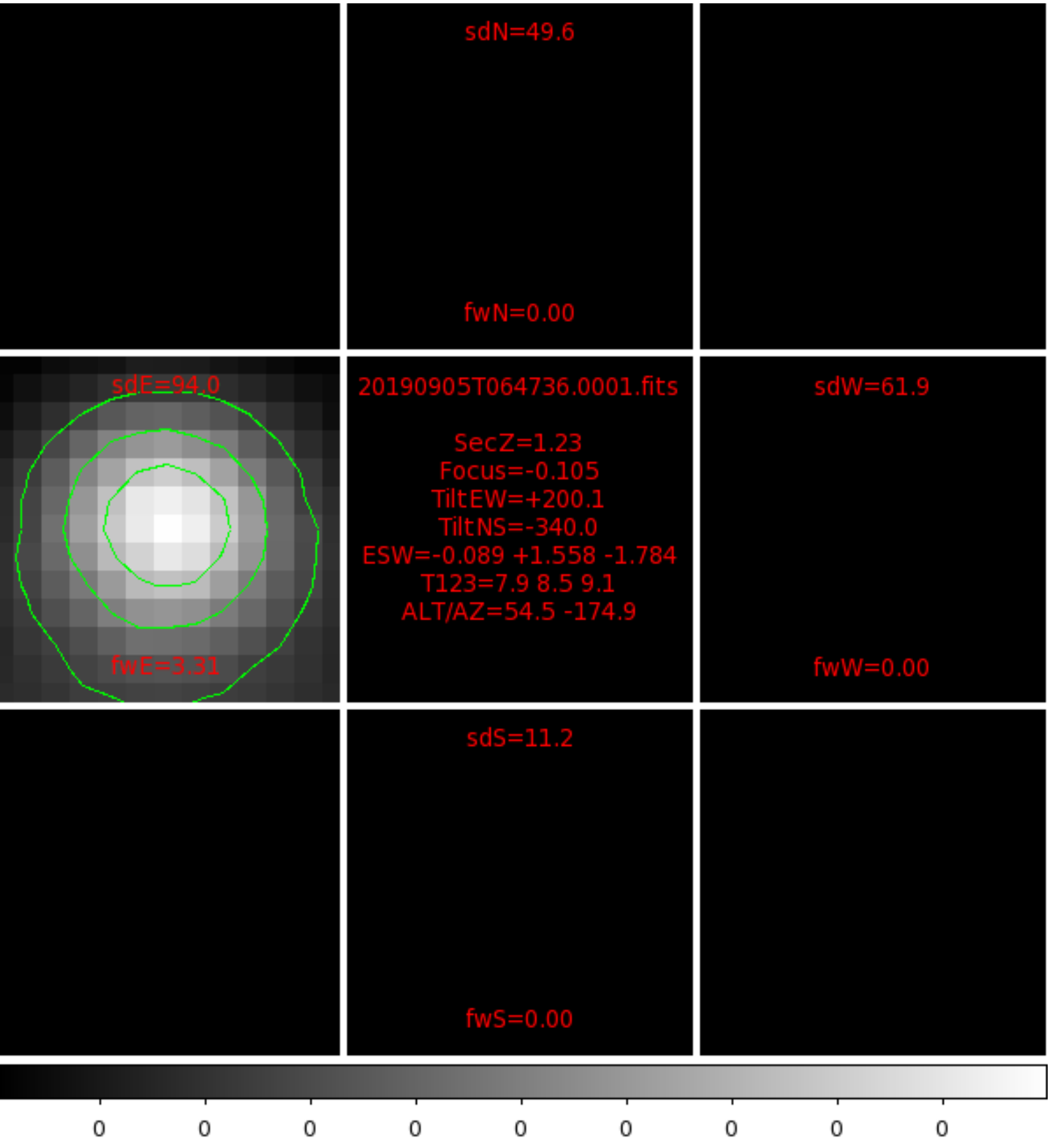
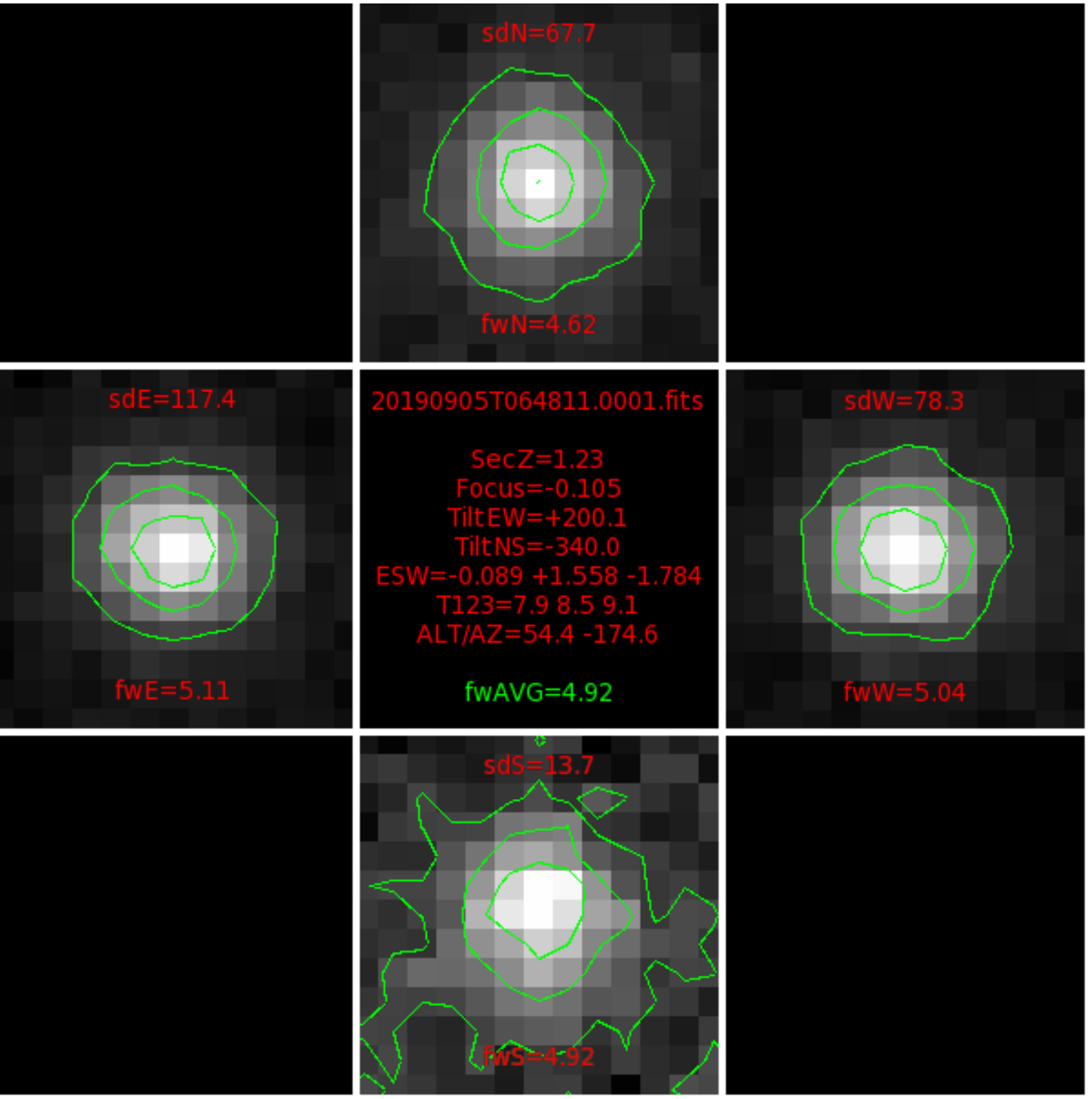

sdN=49.6
fwN=0.00
sdE=94.0
fwE=3.31
20190905T064736.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.9 8.5 9.1
ALT/AZ=54.5 -174.9
sdW=61.9
fwW=0.00
sdS=11.2
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=67.7
fwN=4.62
sdE=117.4
fwE=5.11
20190905T064811.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.9 8.5 9.1
ALT/AZ=54.4 -174.6
fwAVG=4.92
sdW=78.3
fwW=5.04
sdS=13.7
fwS=4.92
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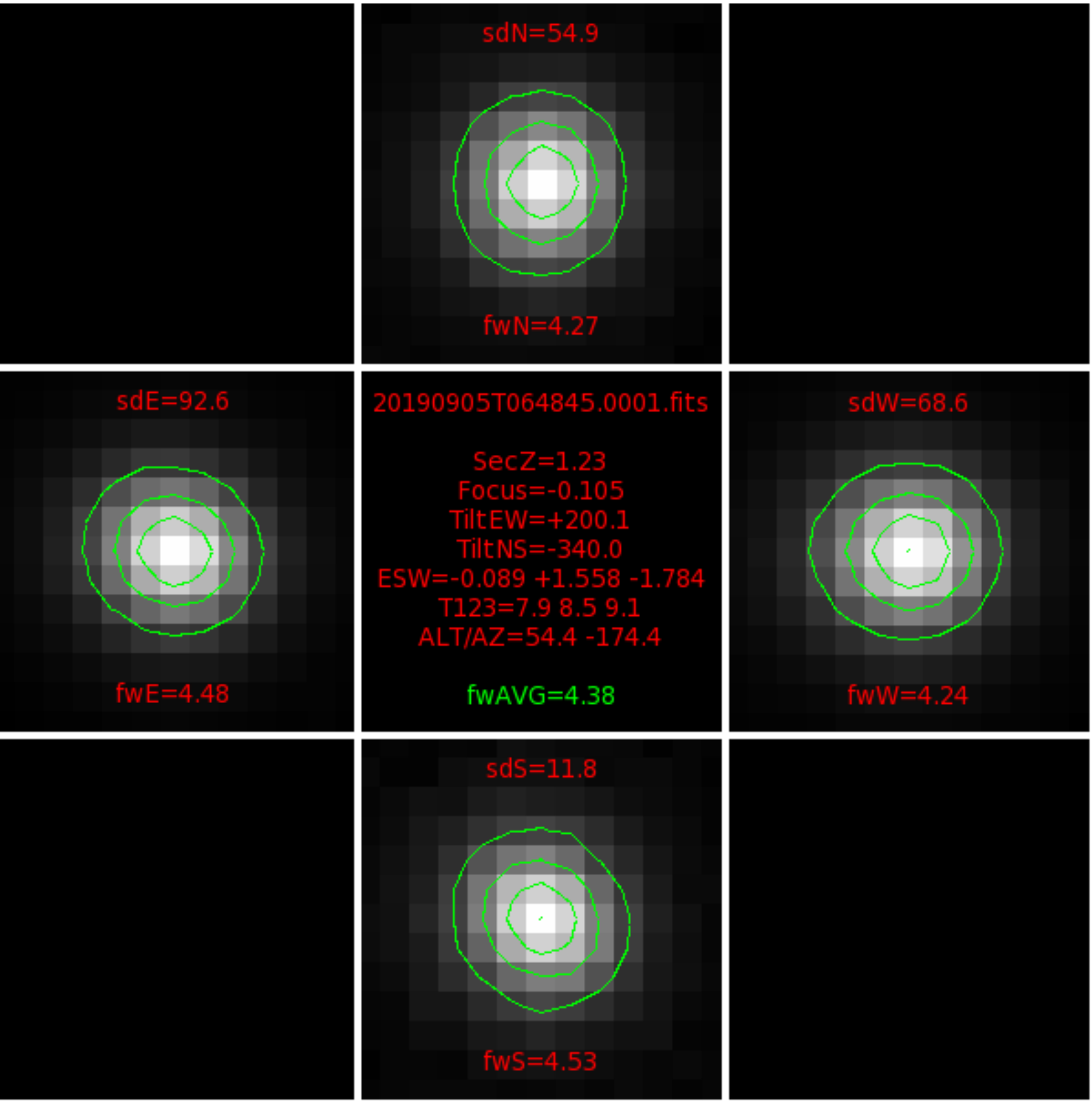
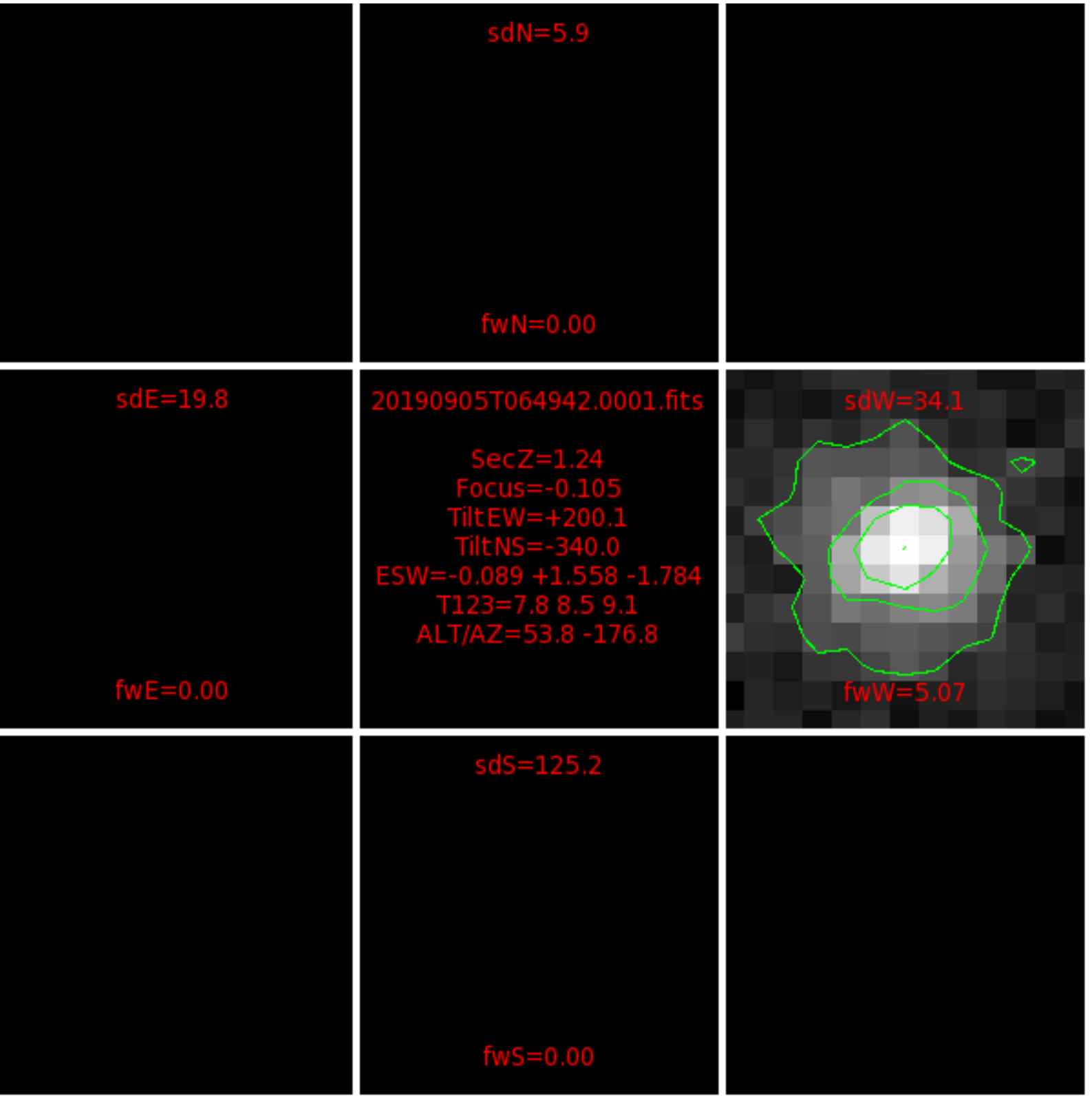
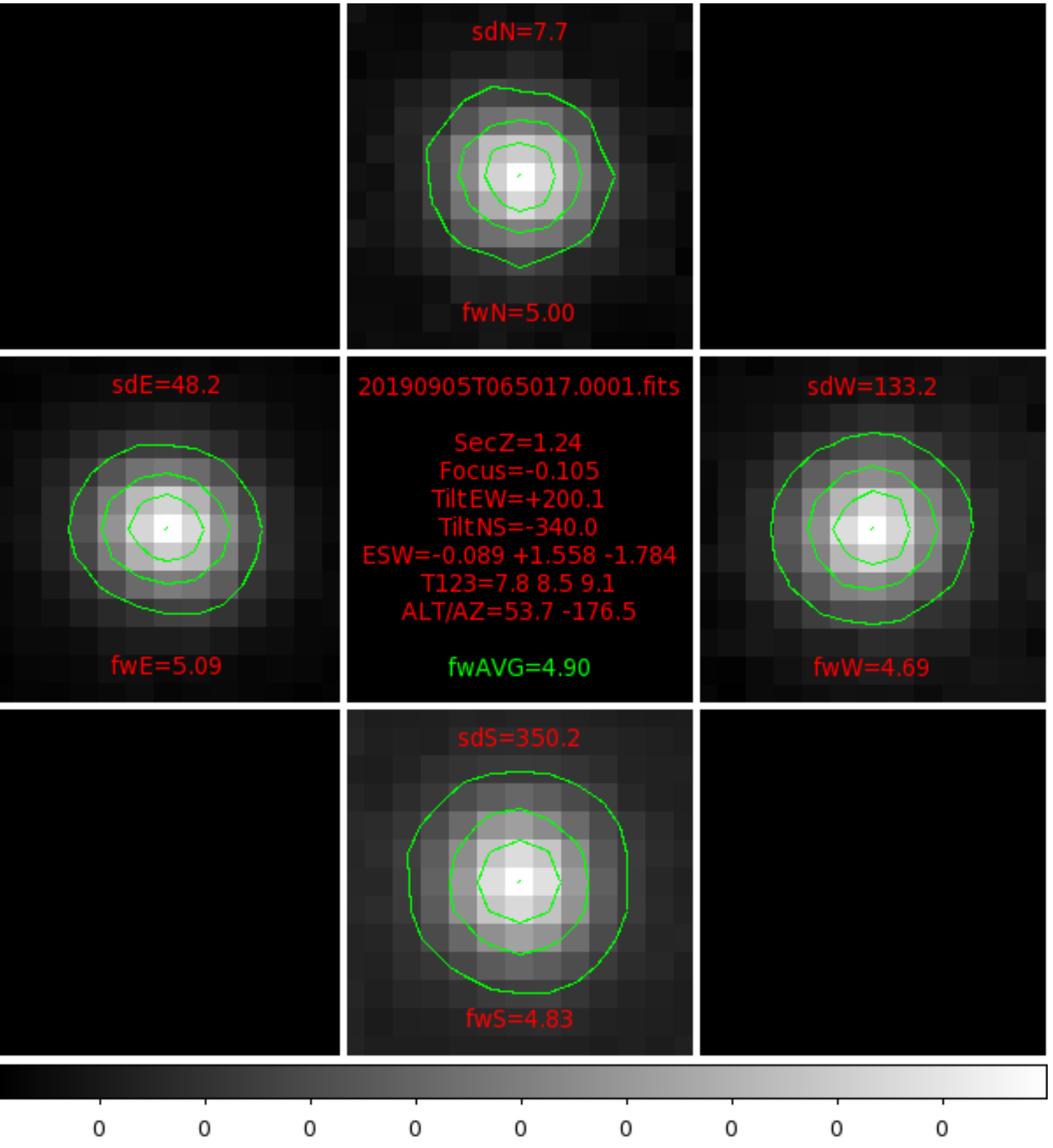

sdN=54.9
fwN=4.27
sdE=92.6
fwE=4.48
20190905T064845.0001.fits
SecZ=1.23
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.9 8.5 9.1
ALT/AZ=54.4 -174.4
fwAVG=4.38
sdW=68.6
fwW=4.24
sdS=11.8
fwS=4.53
0 0 0 0 0 0 0 0 0


sdN=5.9
fwN=0.00
sdE=19.8
fwE=0.00
20190905T064942.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.8 8.5 9.1
ALT/AZ=53.8 -176.8
sdW=34.1
fwW=5.07
sdS=125.2
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=7.7
fwN=5.00
sdE=48.2
fwE=5.09
20190905T065017.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.8 8.5 9.1
ALT/AZ=53.7 -176.5
fwAVG=4.90
sdW=133.2
fwW=4.69
sdS=350.2
fwS=4.83
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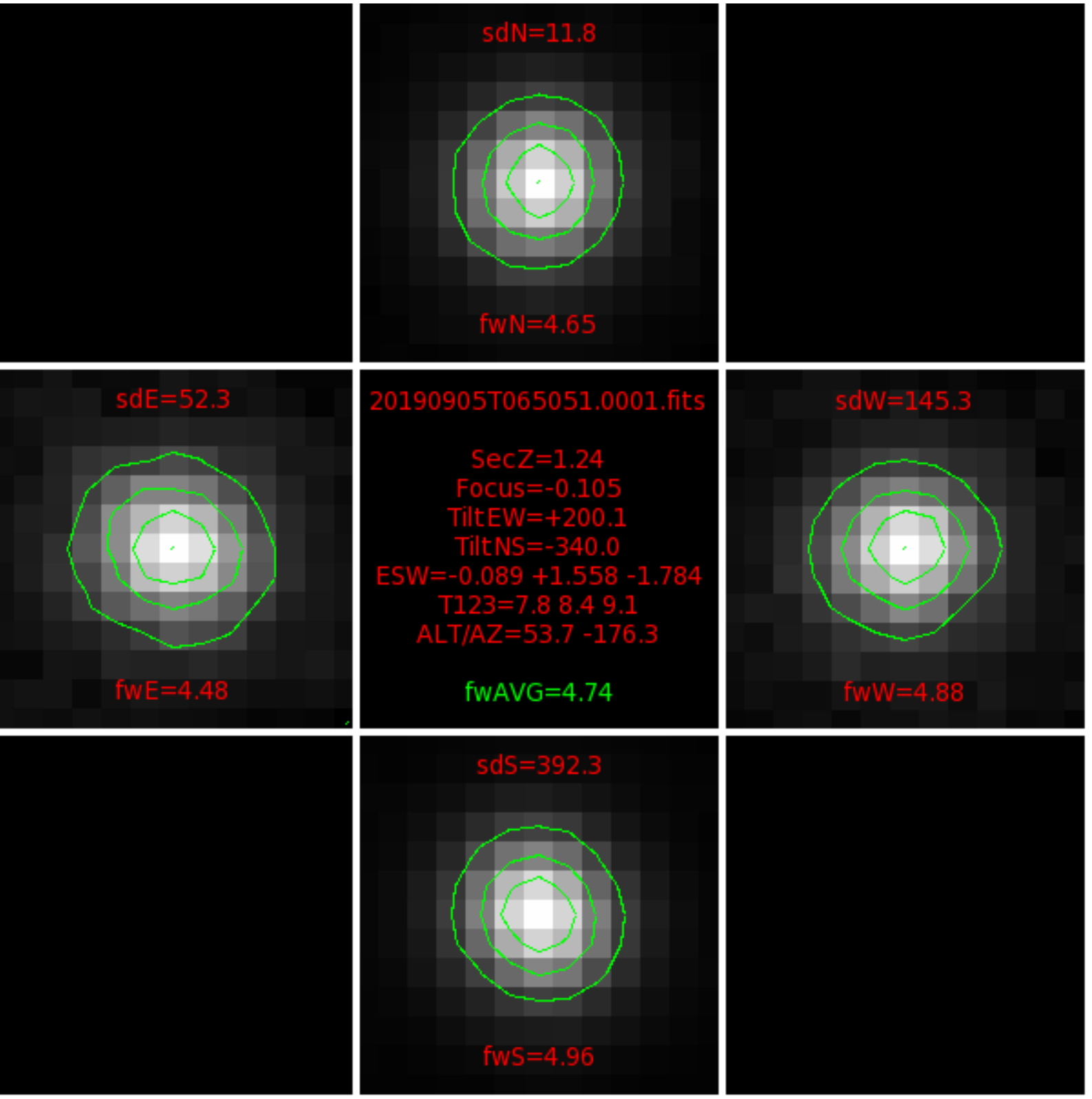
sdN=11.8
fwN=4.65
sdE=52.3
fwE=4.48
20190905T065051.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.8 8.4 9.1
ALT/AZ=53.7 -176.3
fwAVG=4.74
sdW=145.3
fwW=4.88
sdS=392.3
fwS=4.96
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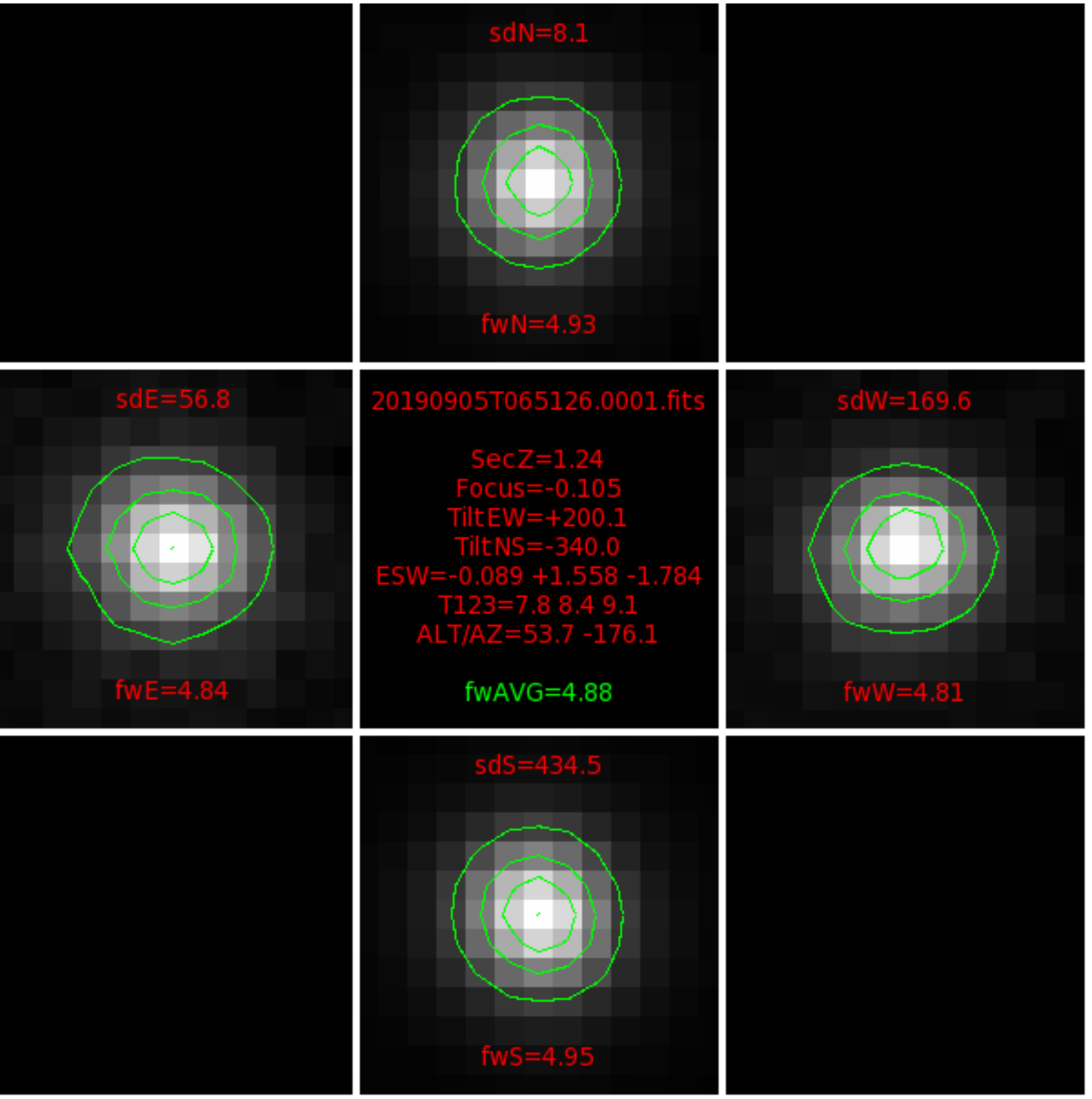
sdN=8.1
fwN=4.93
sdE=56.8
fwE=4.84
20190905T065126.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.8 8.4 9.1
ALT/AZ=53.7 -176.1
fwAVG=4.88
sdW=169.6
fwW=4.81
sdS=434.5
fwS=4.95
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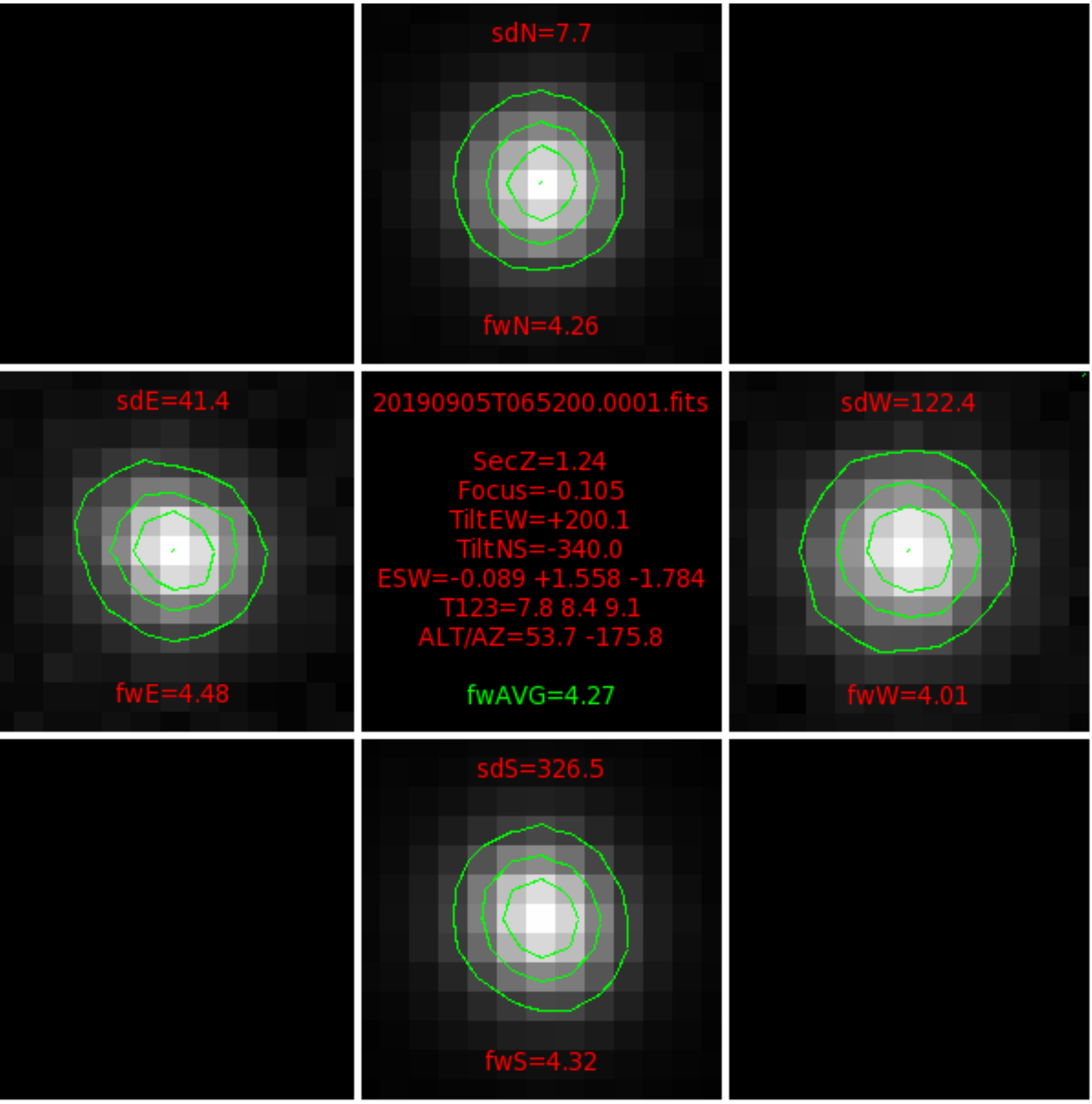
sdN=7.7
fwN=4.26
sdE=41.4
fwE=4.48
20190905T065200.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.8 8.4 9.1
ALT/AZ=53.7 -175.8
fwAVG=4.27
sdW=122.4
fwW=4.01
sdS=326.5
fwS=4.32
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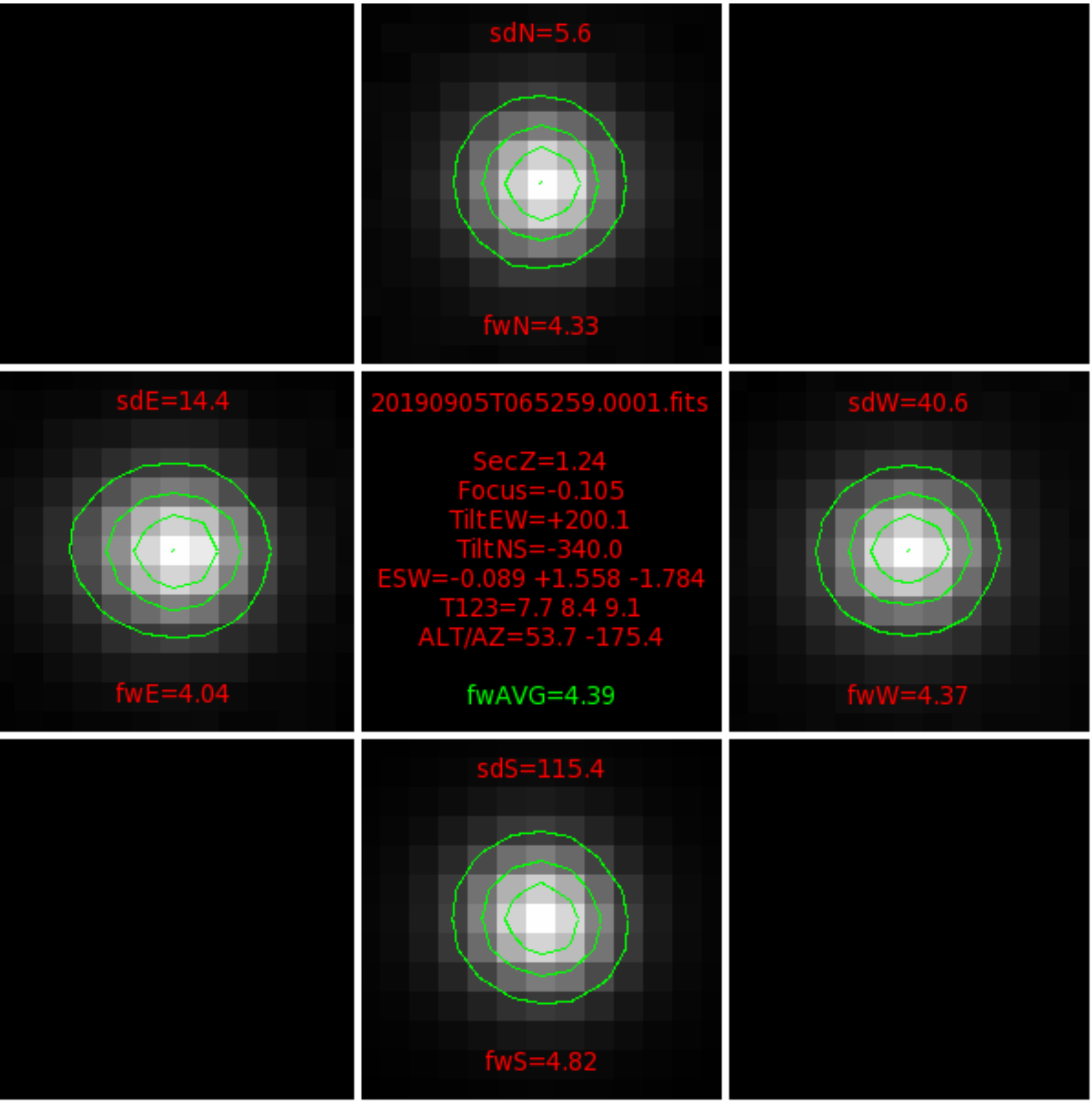
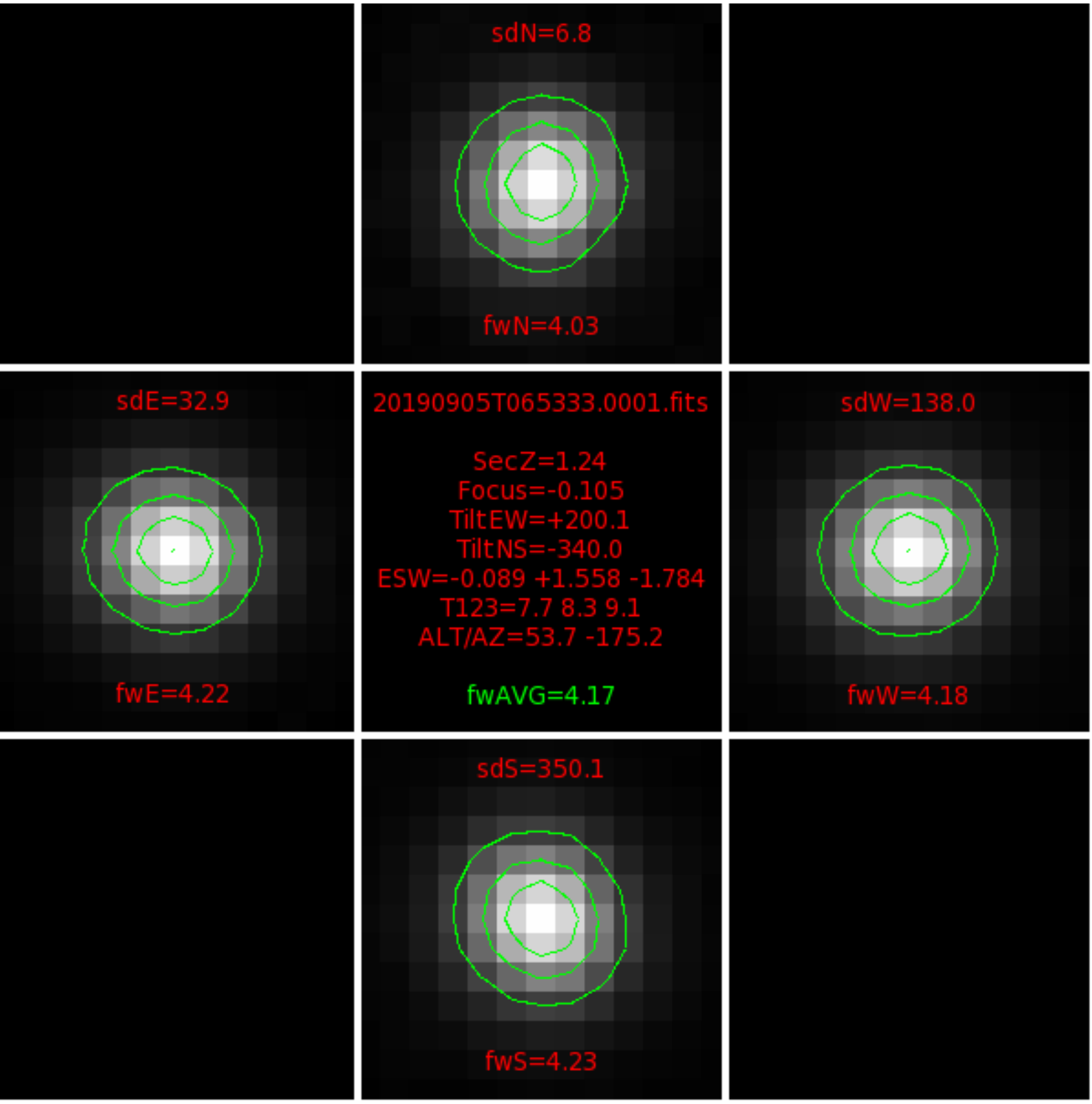

sdN=5.6
fwN=4.33
sdE=14.4
fwE=4.04
20190905T065259.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.7 8.4 9.1
ALT/AZ=53.7 -175.4
fwAVG=4.39
sdW=40.6
fwW=4.37
sdS=115.4
fwS=4.82
0 0 0 0 0 0 0 0 0


sdN=6.8
fwN=4.03
sdE=32.9
fwE=4.22
20190905T065333.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.7 8.3 9.1
ALT/AZ=53.7 -175.2
fwAVG=4.17
sdW=138.0
fwW=4.18
sdS=350.1
fwS=4.23
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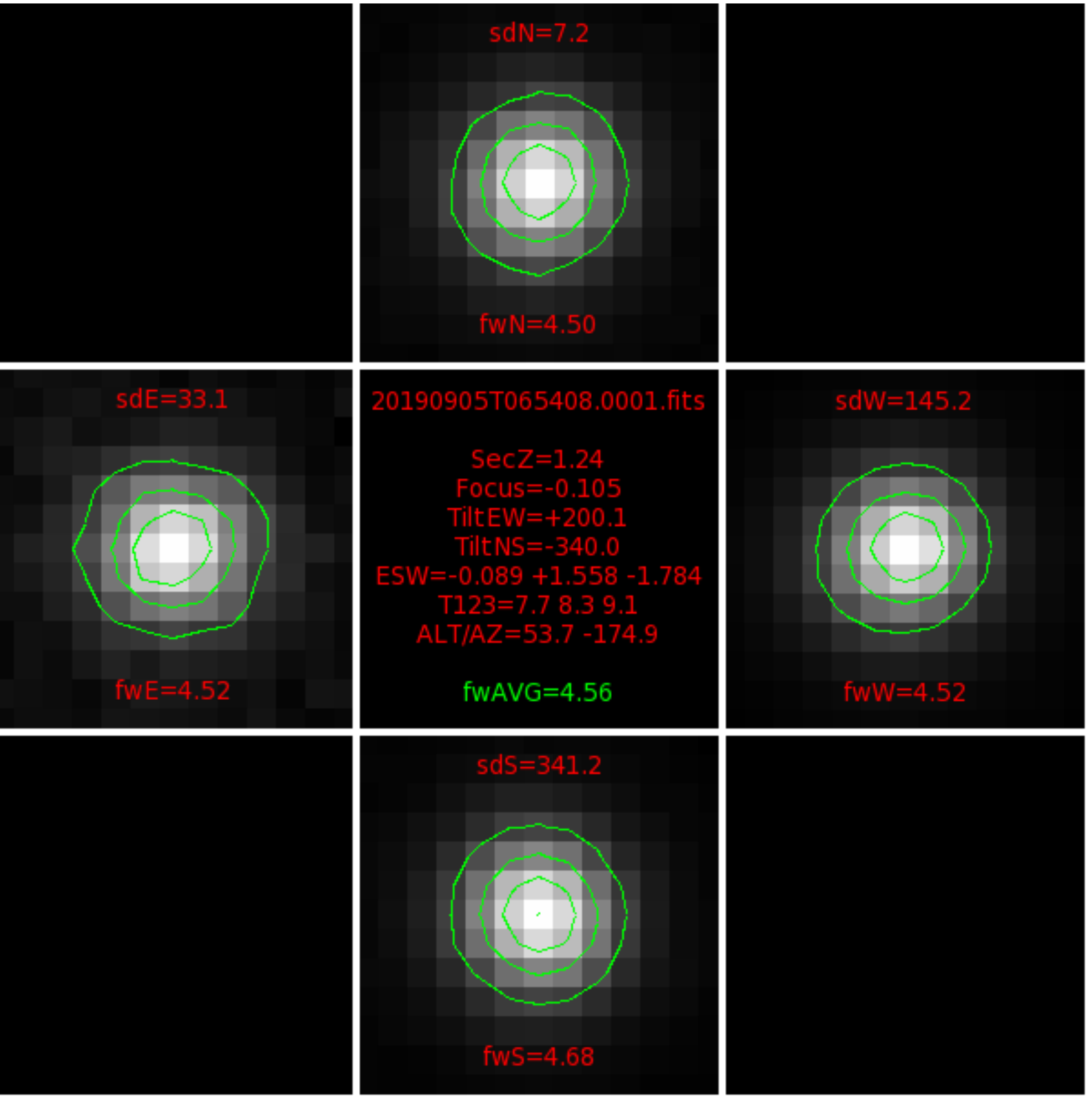
sdN=7.2
fwN=4.50
sdE=33.1
fwE=4.52
20190905T065408.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.7 8.3 9.1
ALT/AZ=53.7 -174.9
fwAVG=4.56
sdW=145.2
fwW=4.52
sdS=341.2
fwS=4.68
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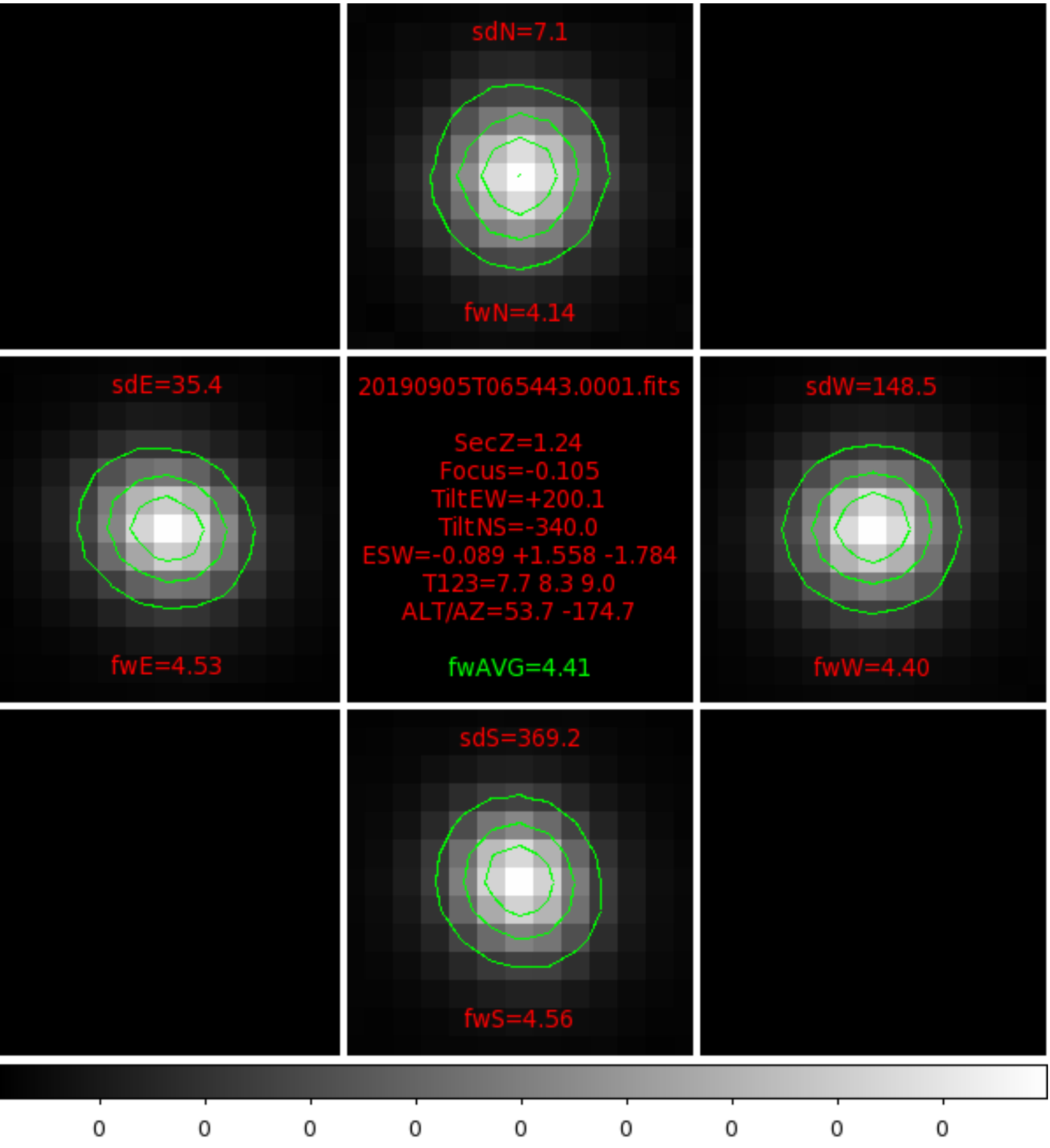
sdN=7.1
fwN=4.14
sdE=35.4
fwE=4.53
20190905T065443.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.7 8.3 9.0
ALT/AZ=53.7 -174.7
fwAVG=4.41
sdW=148.5
fwW=4.40
sdS=369.2
fwS=4.56
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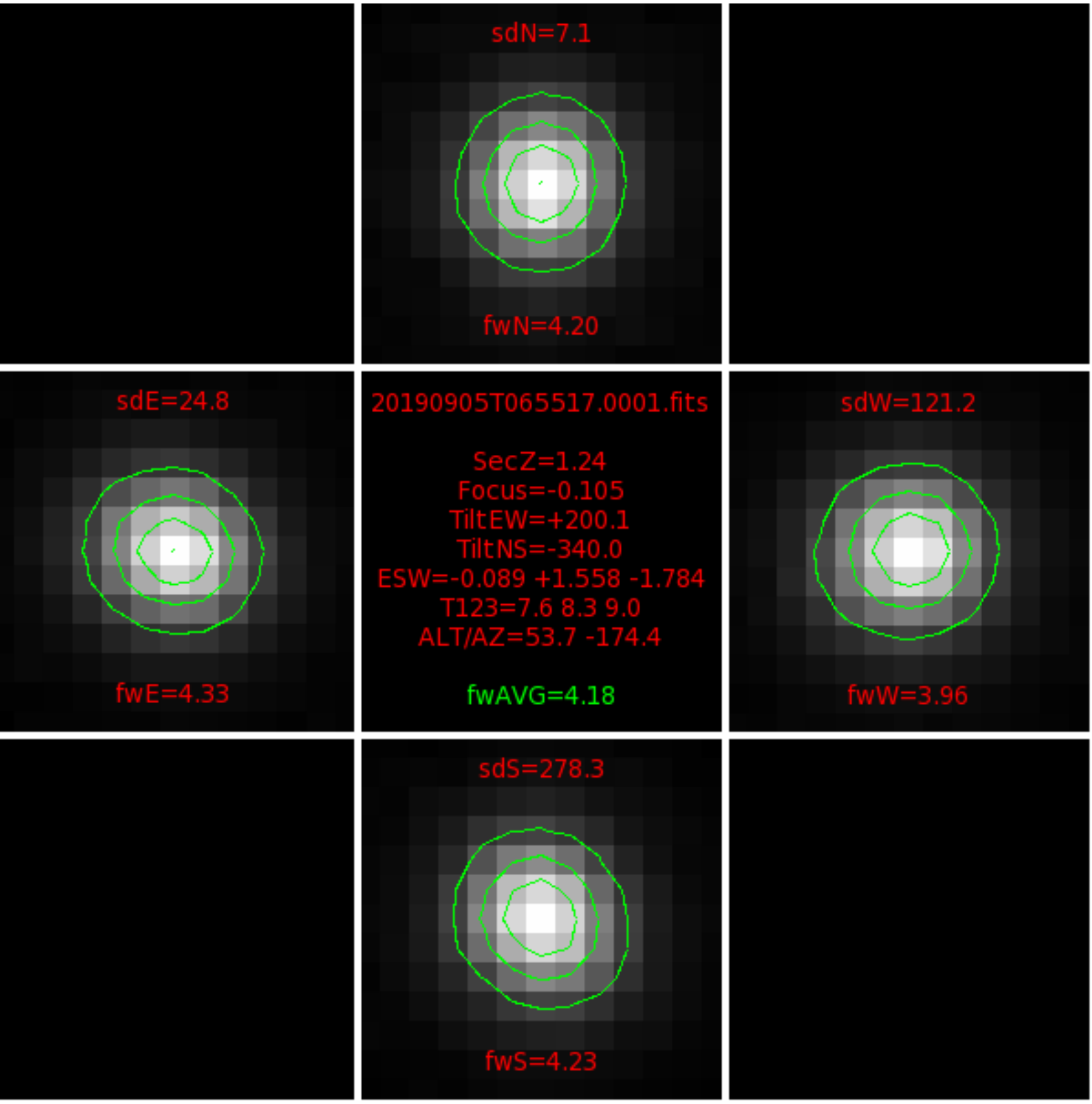
sdN=7.1
fwN=4.20
sdE=24.8
fwE=4.33
20190905T065517.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.6 8.3 9.0
ALT/AZ=53.7 -174.4
fwAVG=4.18
sdW=121.2
fwW=3.96
sdS=278.3
fwS=4.23
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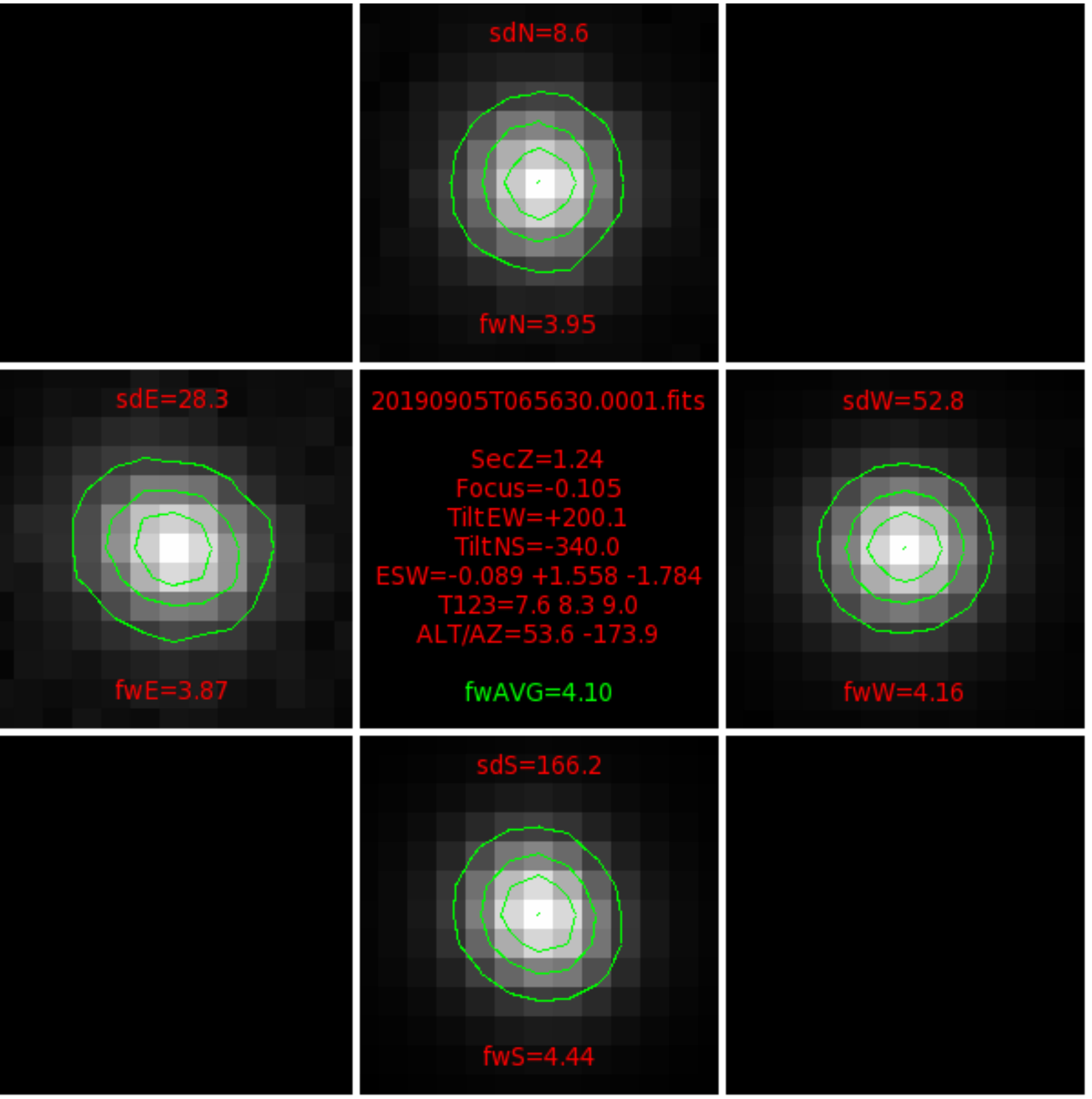
sdN=8.6
fwN=3.95
sdE=28.3
fwE=3.87
20190905T065630.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.6 8.3 9.0
ALT/AZ=53.6 -173.9
fwAVG=4.10
sdW=52.8
fwW=4.16
sdS=166.2
fwS=4.44
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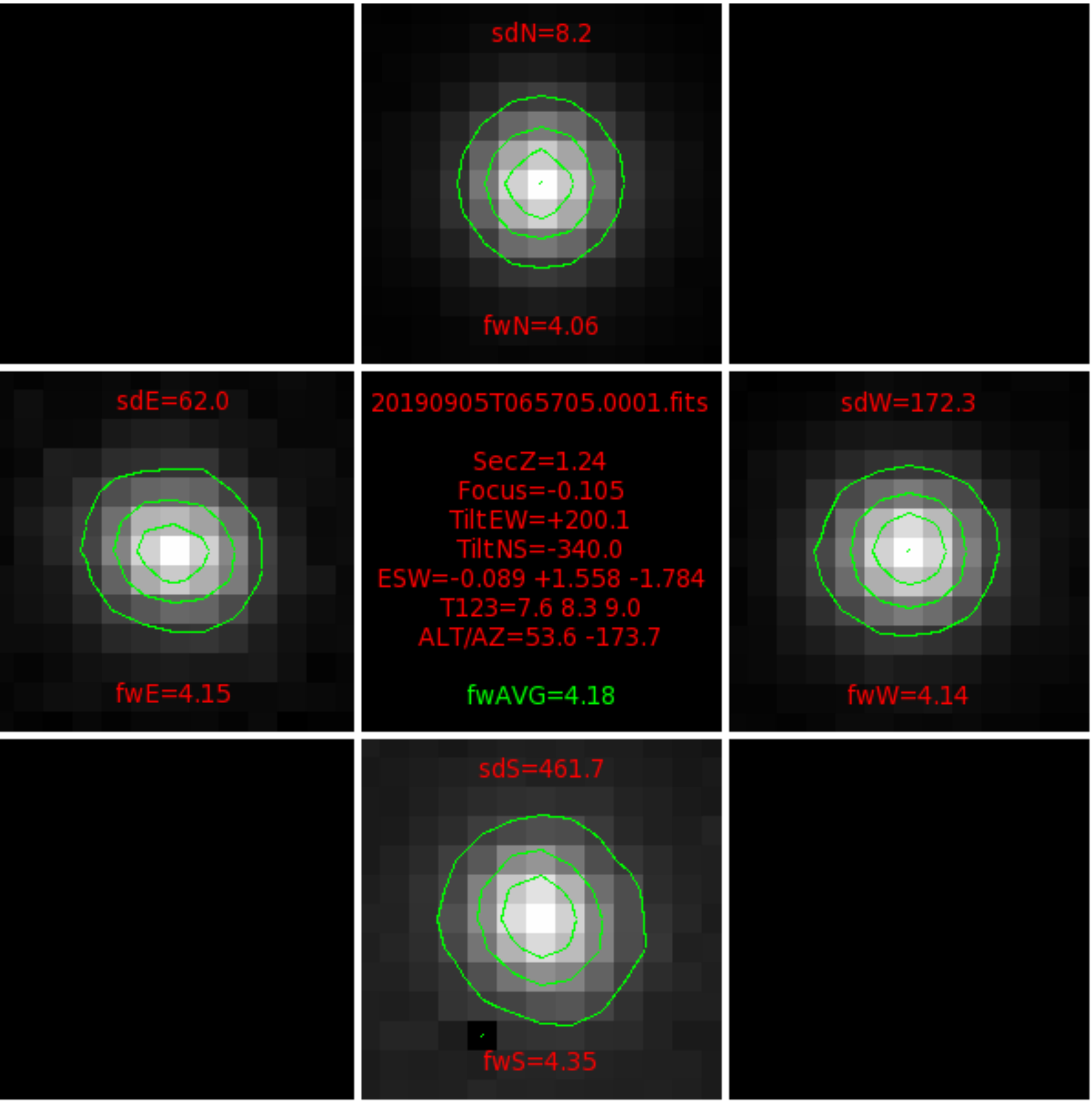
sdN=8.2
fwN=4.06
sdE=62.0
fwE=4.15
20190905T065705.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.6 8.3 9.0
ALT/AZ=53.6 -173.7
fwAVG=4.18
sdW=172.3
fwW=4.14
sdS=461.7
fwS=4.35
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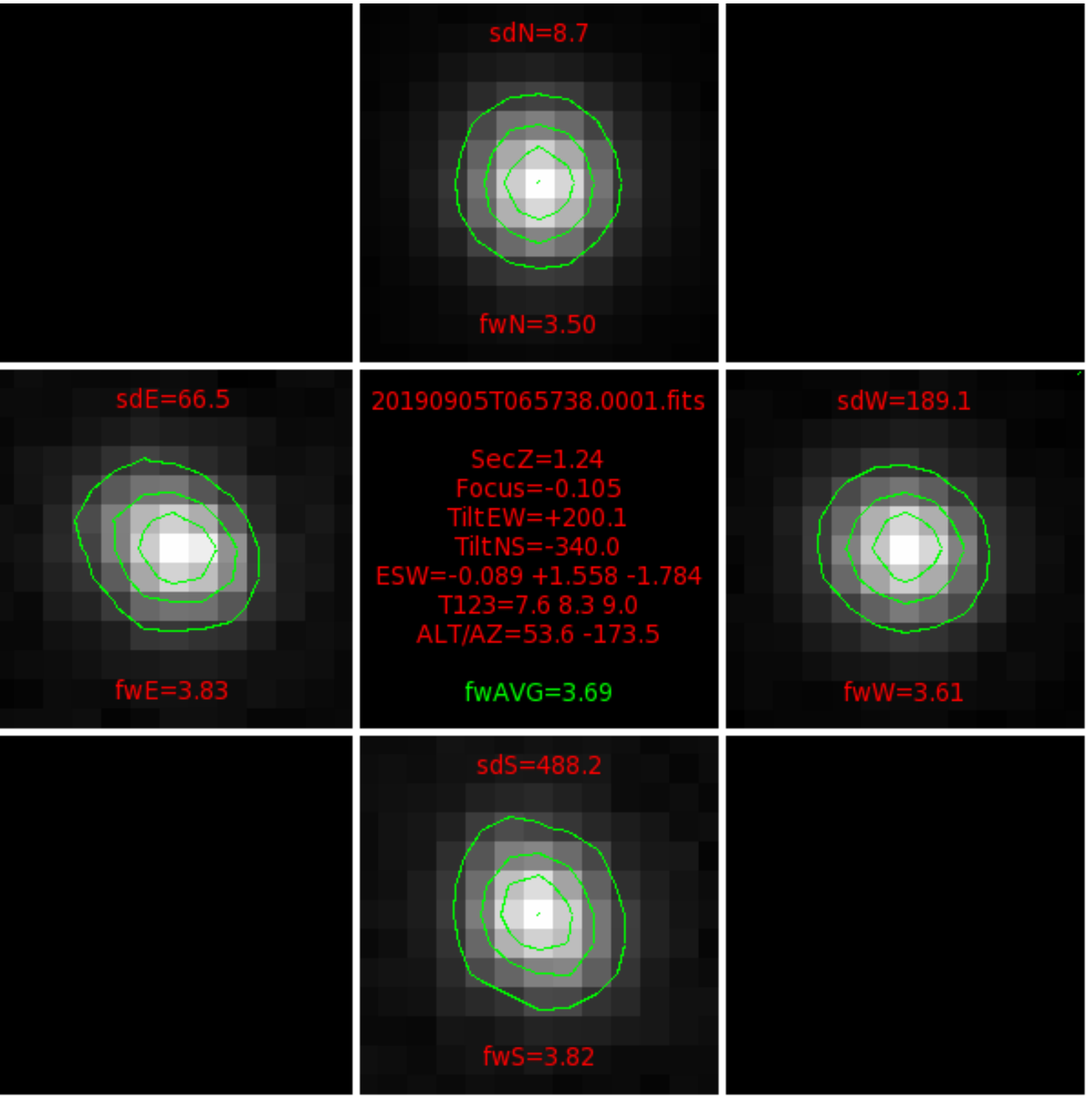
sdN=8.7
fwN=3.50
sdE=66.5
fwE=3.83
20190905T065738.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.6 8.3 9.0
ALT/AZ=53.6 -173.5
fwAVG=3.69
sdW=189.1
fwW=3.61
sdS=488.2
fwS=3.82
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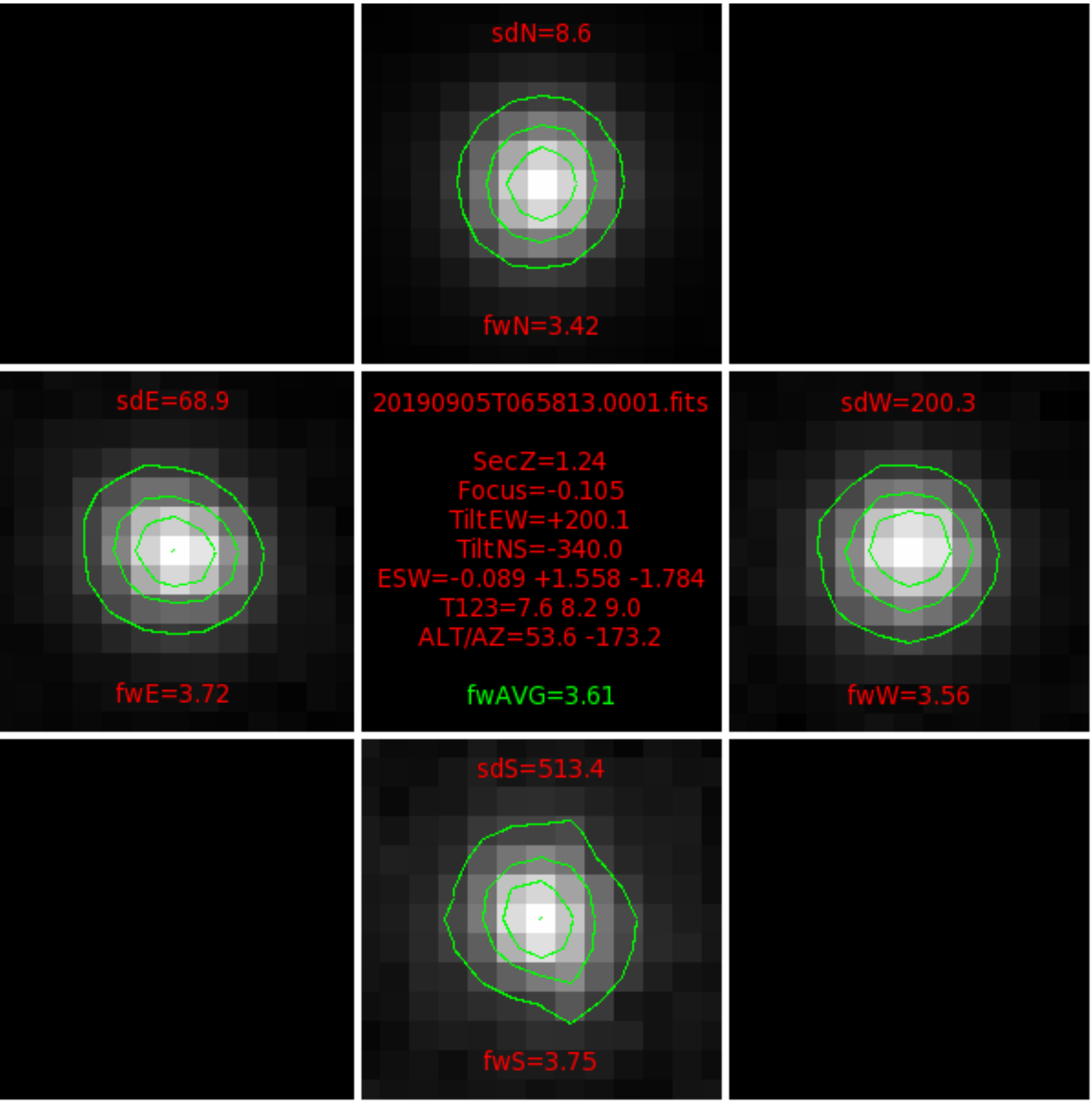
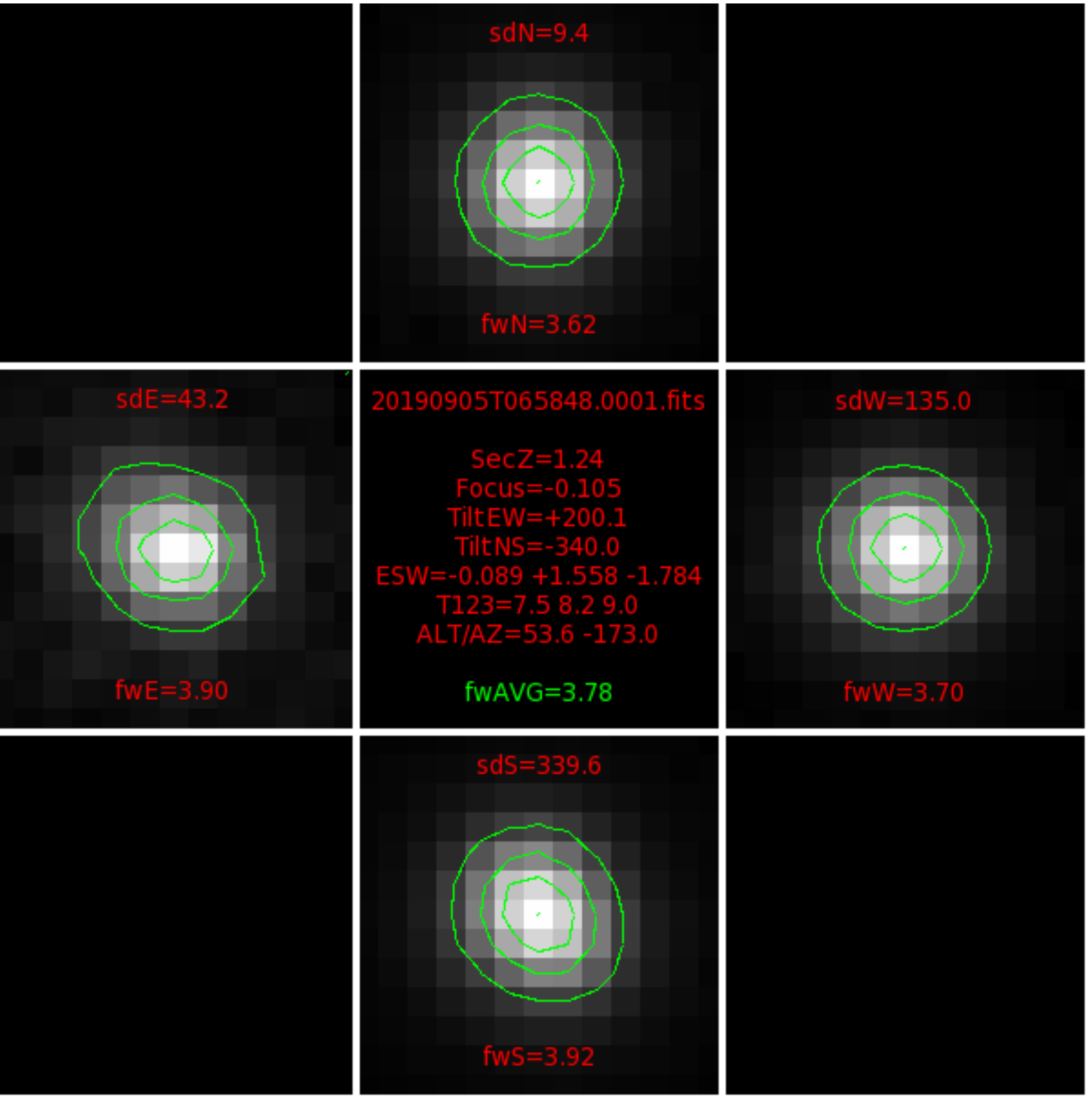

sdN=8.6
fwN=3.42
sdE=68.9
fwE=3.72
20190905T065813.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.6 8.2 9.0
ALT/AZ=53.6 -173.2
fwAVG=3.61
sdW=200.3
fwW=3.56
sdS=513.4
fwS=3.75
0 0 0 0 0 0 0 0 0


sdN=9.4
fwN=3.62
sdE=43.2
fwE=3.90
20190905T065848.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.5 8.2 9.0
ALT/AZ=53.6 -173.0
fwAVG=3.78
sdW=135.0
fwW=3.70
sdS=339.6
fwS=3.92
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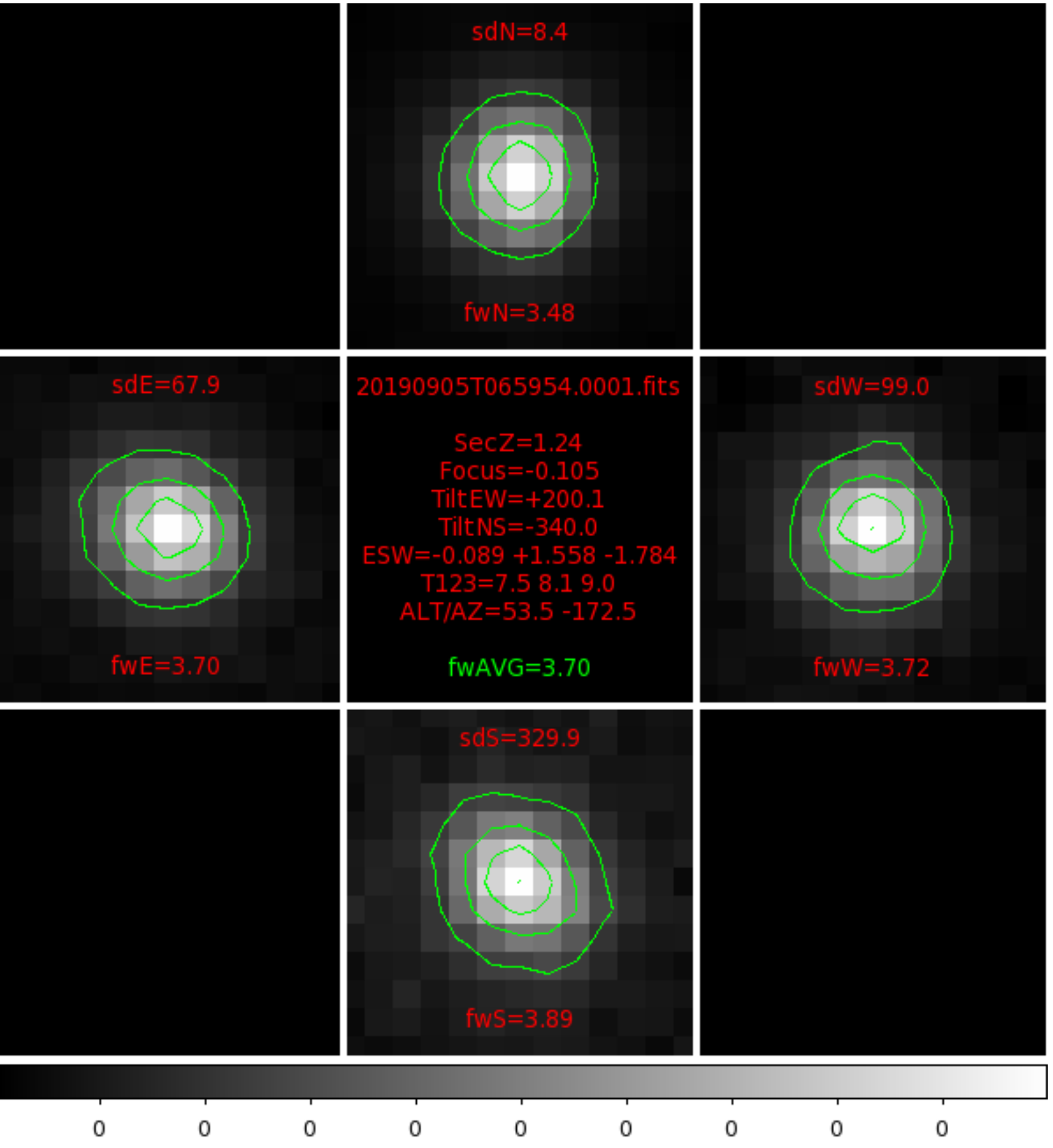
sdN=8.4
fwN=3.48
sdE=67.9
fwE=3.70
20190905T065954.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.5 8.1 9.0
ALT/AZ=53.5 -172.5
fwAVG=3.70
sdW=99.0
fwW=3.72
sdS=329.9
fwS=3.89
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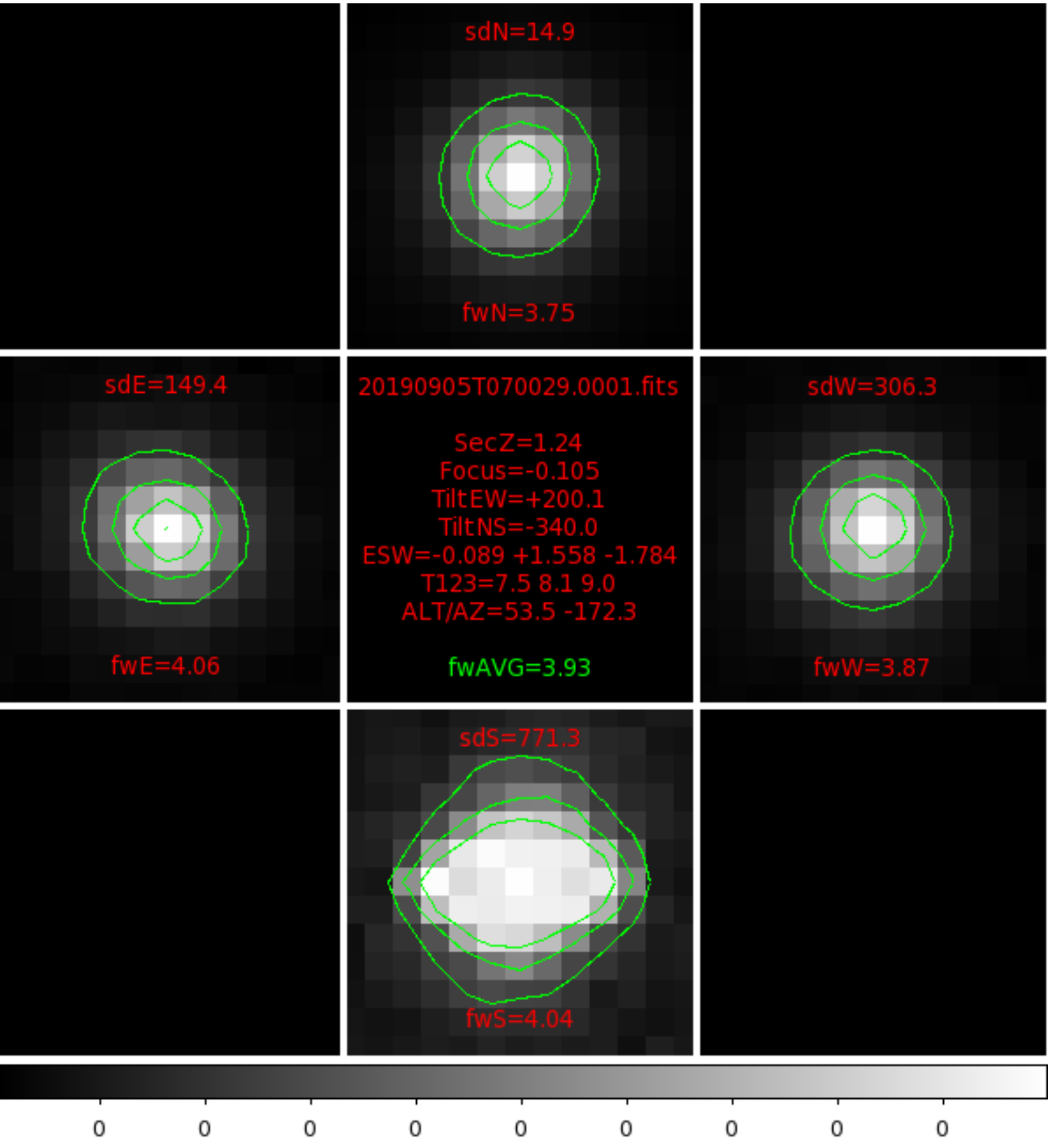
sdN=14.9
fwN=3.75
sdE=149.4
fwE=4.06
20190905T070029.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.5 8.1 9.0
ALT/AZ=53.5 -172.3
fwAVG=3.93
sdW=306.3
fwW=3.87
sdS=771.3
fwS=4.04
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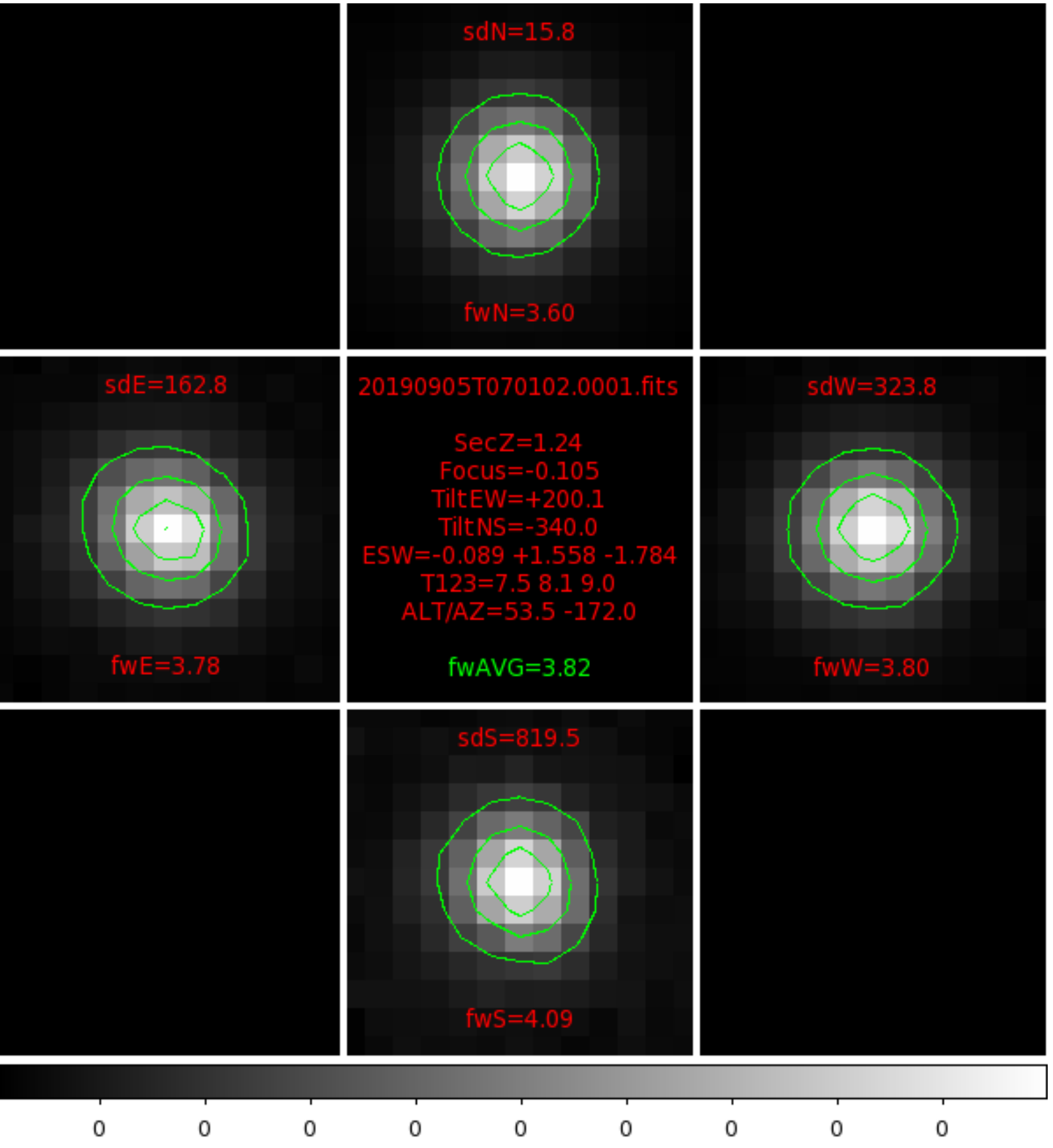
sdN=15.8
fwN=3.60
sdE=162.8
fwE=3.78
20190905T070102.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.5 8.1 9.0
ALT/AZ=53.5 -172.0
fwAVG=3.82
sdW=323.8
fwW=3.80
sdS=819.5
fwS=4.09
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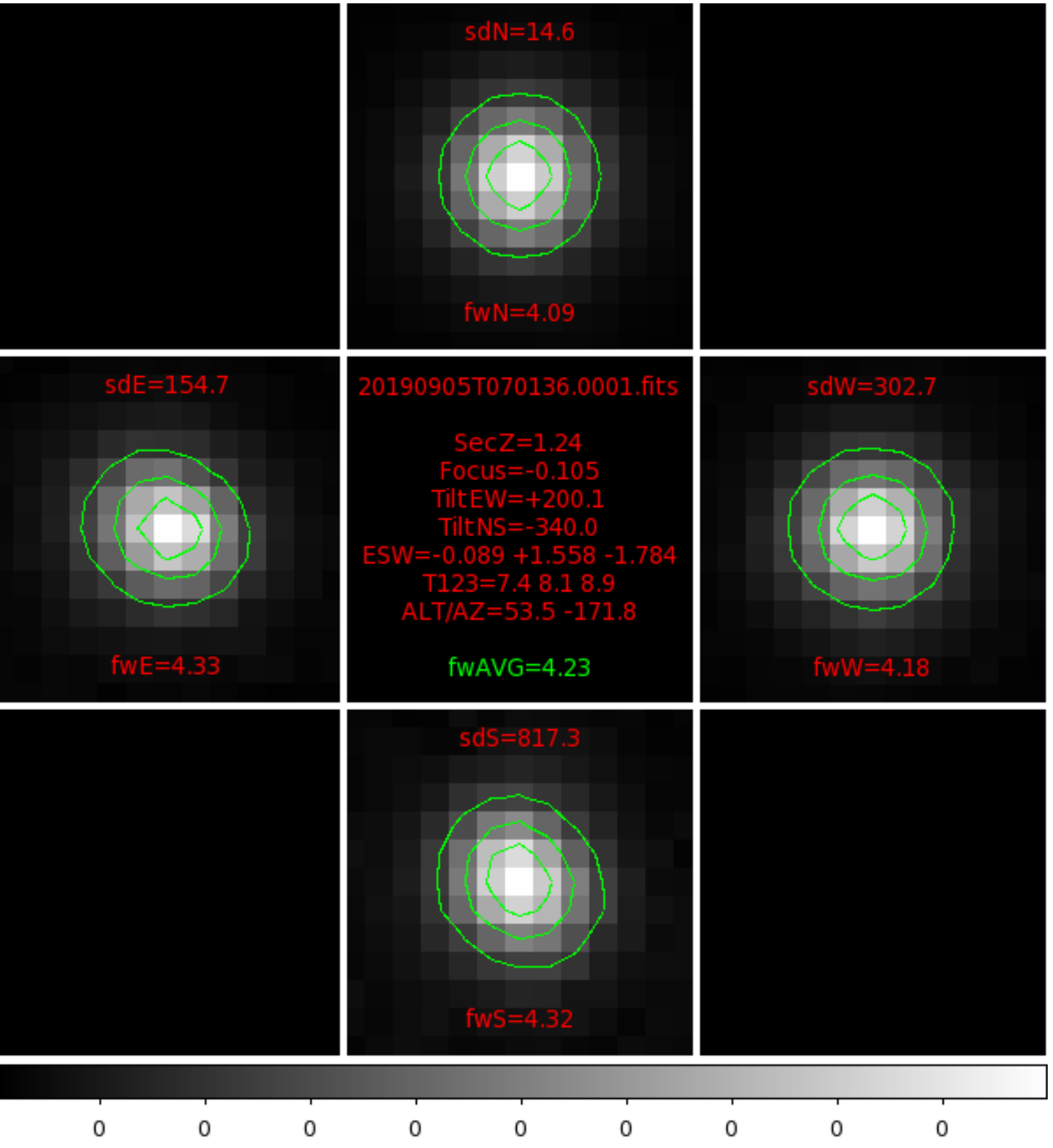
sdN=14.6
fwN=4.09
sdE=154.7
fwE=4.33
20190905T070136.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.4 8.1 8.9
ALT/AZ=53.5 -171.8
fwAVG=4.23
sdW=302.7
fwW=4.18
sdS=817.3
fwS=4.32
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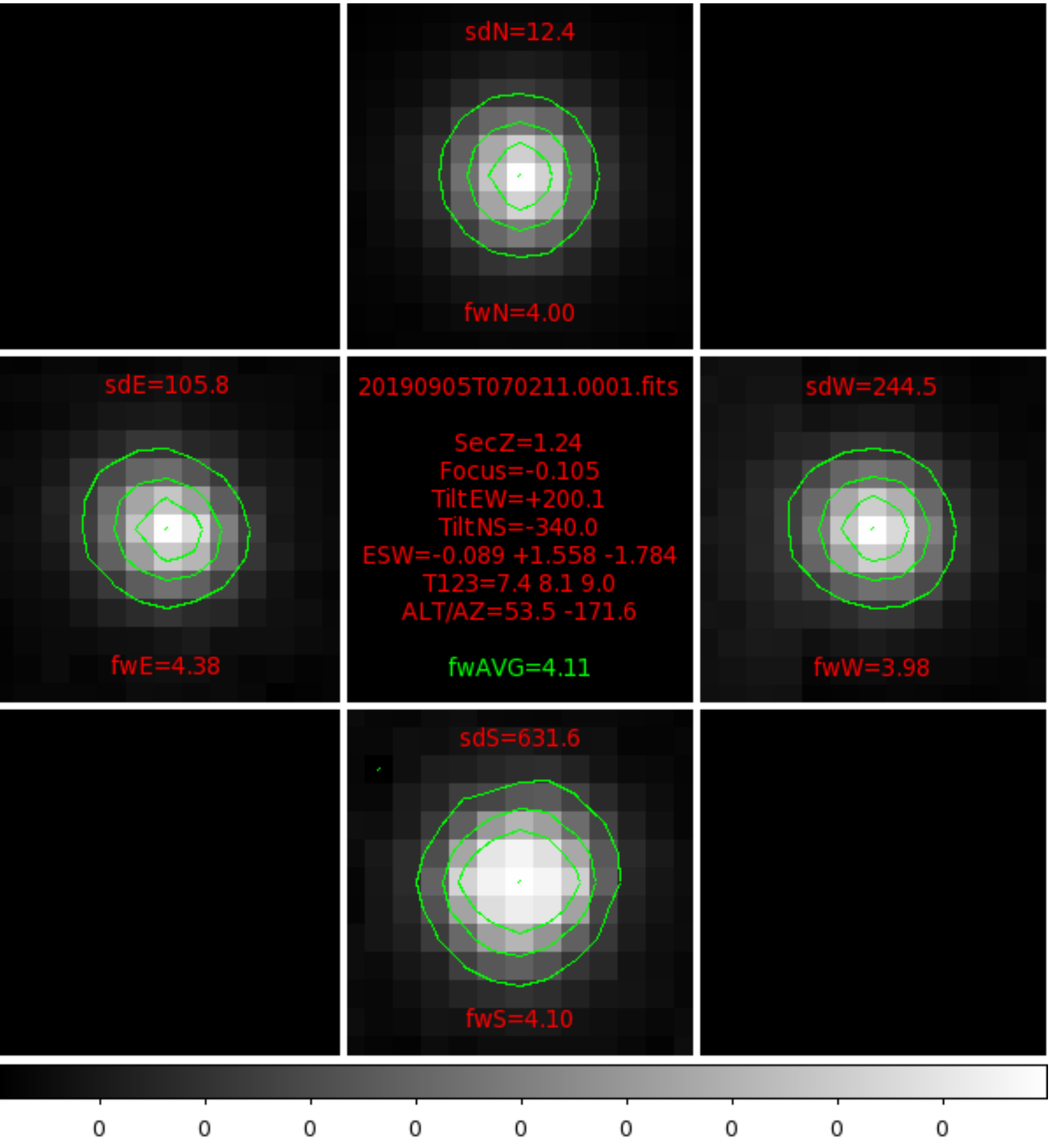
sdN=12.4
fwN=4.00
sdE=105.8
fwE=4.38
20190905T070211.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.4 8.1 9.0
ALT/AZ=53.5 -171.6
fwAVG=4.11
sdW=244.5
fwW=3.98
sdS=631.6
fwS=4.10
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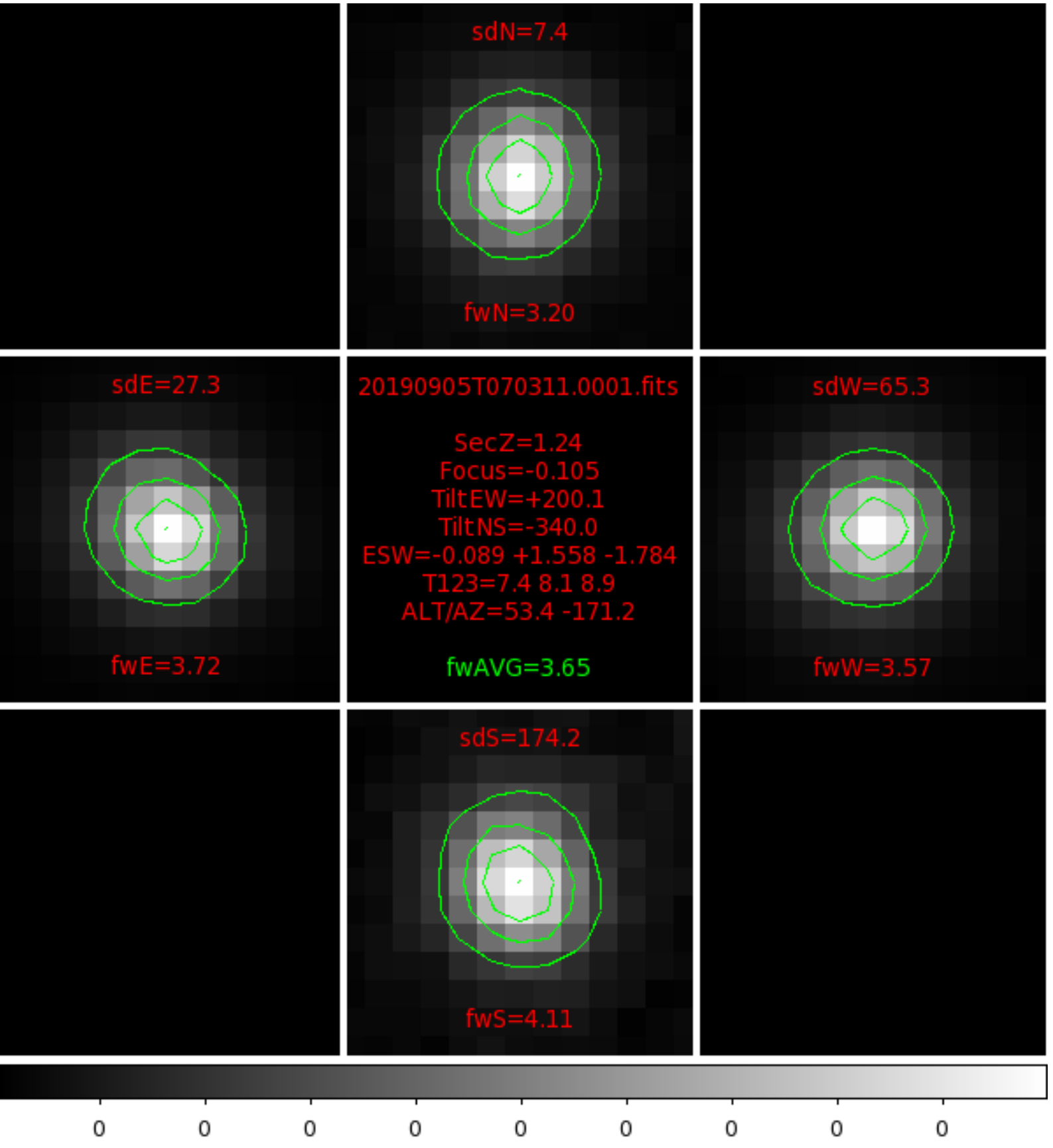
sdN=7.4
fwN=3.20
sdE=27.3
fwE=3.72
20190905T070311.0001.fits
SecZ=1.24
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.4 8.1 8.9
ALT/AZ=53.4 -171.2
fwAVG=3.65
sdW=65.3
fwW=3.57
sdS=174.2
fwS=4.11
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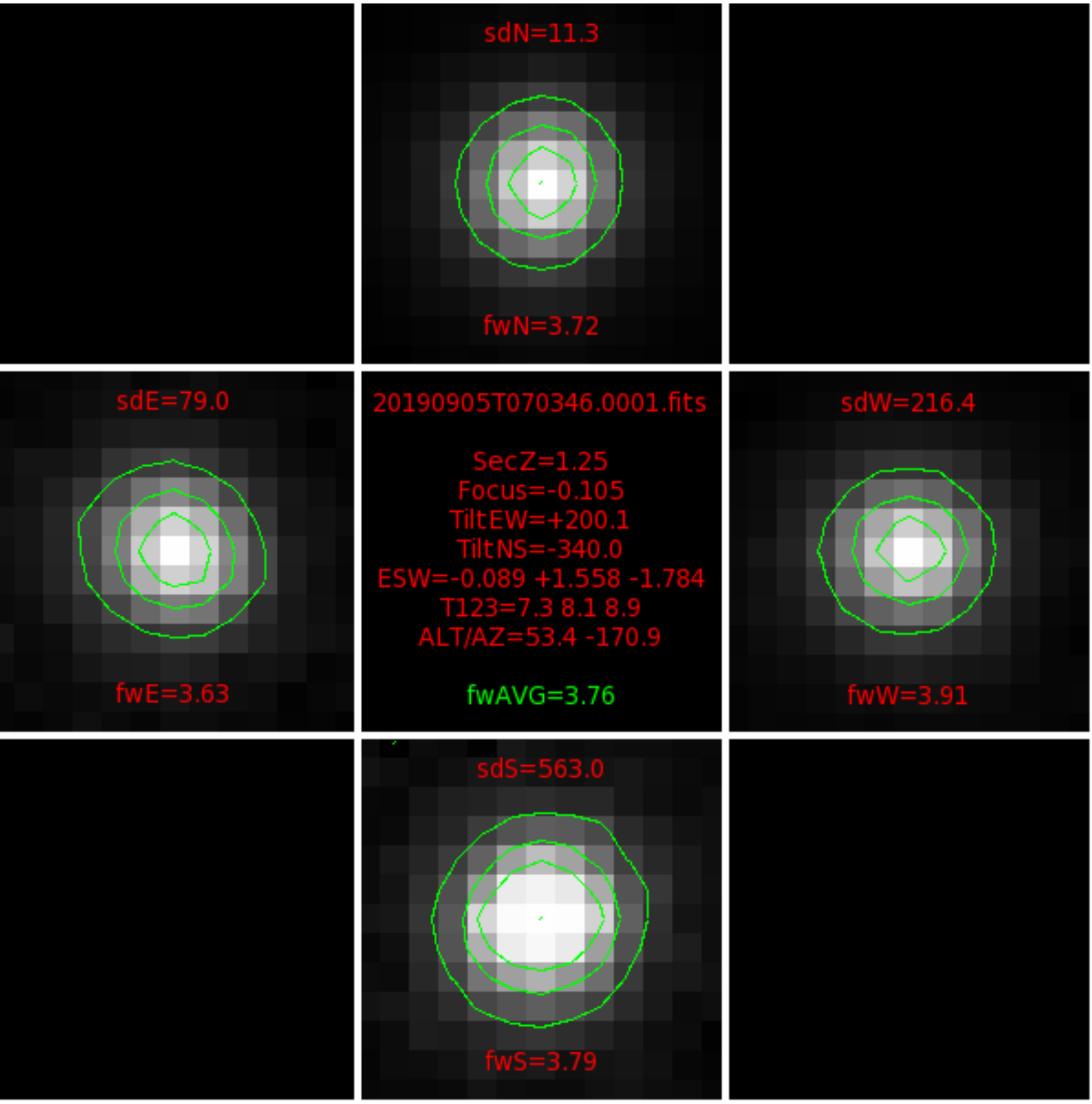
sdN=11.3
fwN=3.72
sdE=79.0
fwE=3.63
20190905T070346.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.3 8.1 8.9
ALT/AZ=53.4 -170.9
fwAVG=3.76
sdW=216.4
fwW=3.91
sdS=563.0
fwS=3.79
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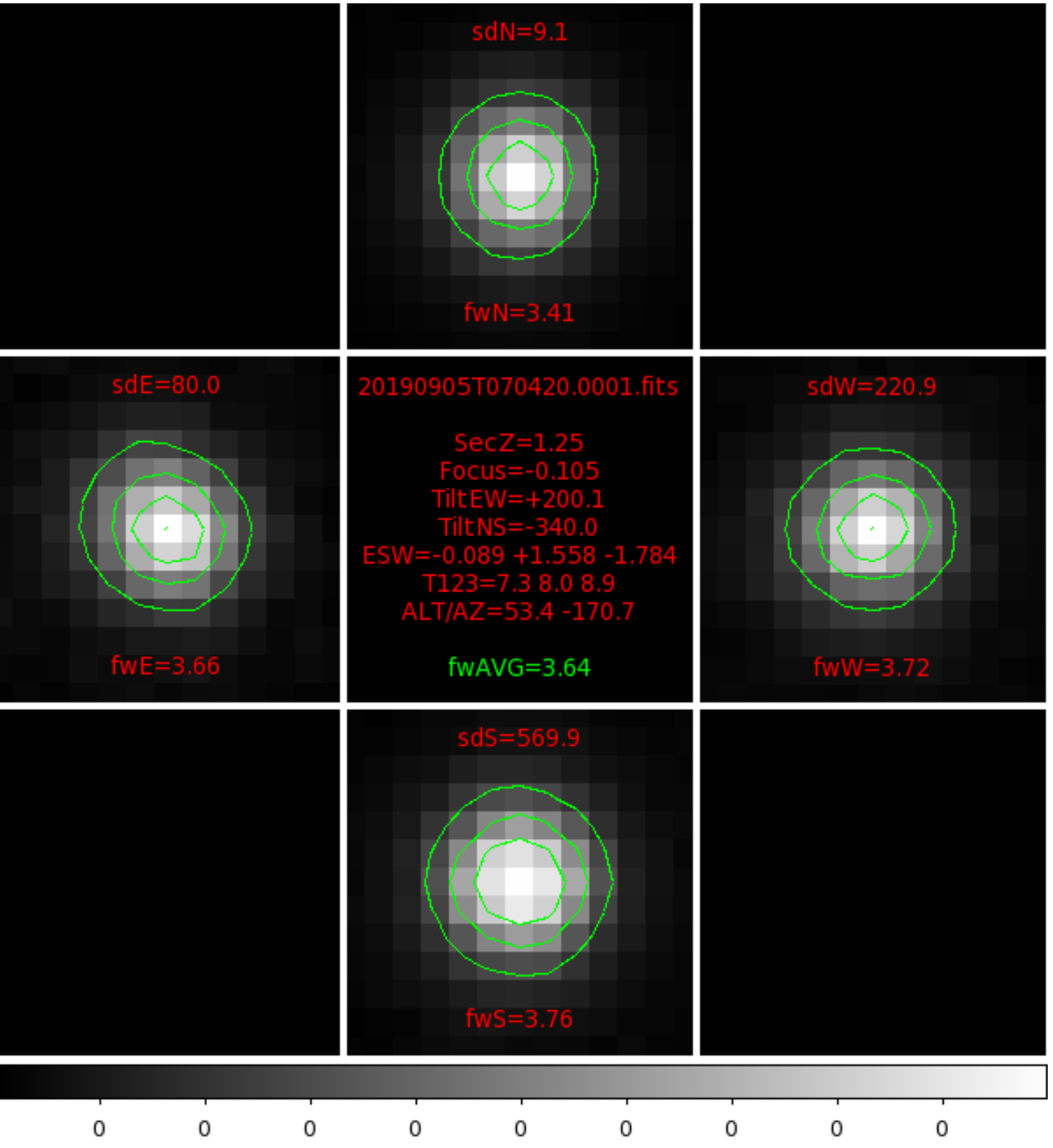
sdN=9.1
fwN=3.41
sdE=80.0
fwE=3.66
20190905T070420.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.3 8.0 8.9
ALT/AZ=53.4 -170.7
fwAVG=3.64
sdW=220.9
fwW=3.72
sdS=569.9
fwS=3.76
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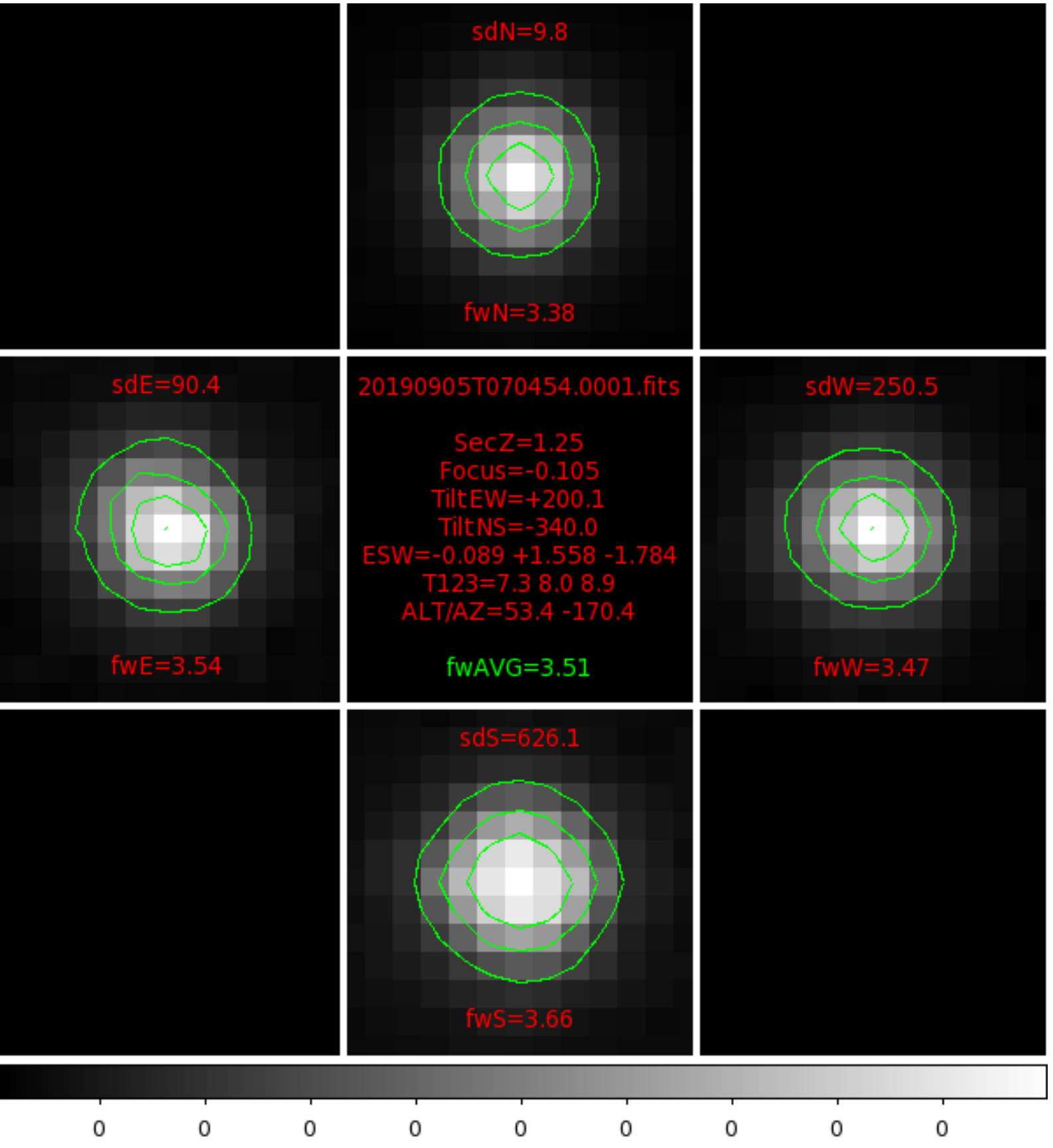
sdN=9.8
fwN=3.38
sdE=90.4
fwE=3.54
20190905T070454.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.3 8.0 8.9
ALT/AZ=53.4 -170.4
fwAVG=3.51
sdW=250.5
fwW=3.47
sdS=626.1
fwS=3.66
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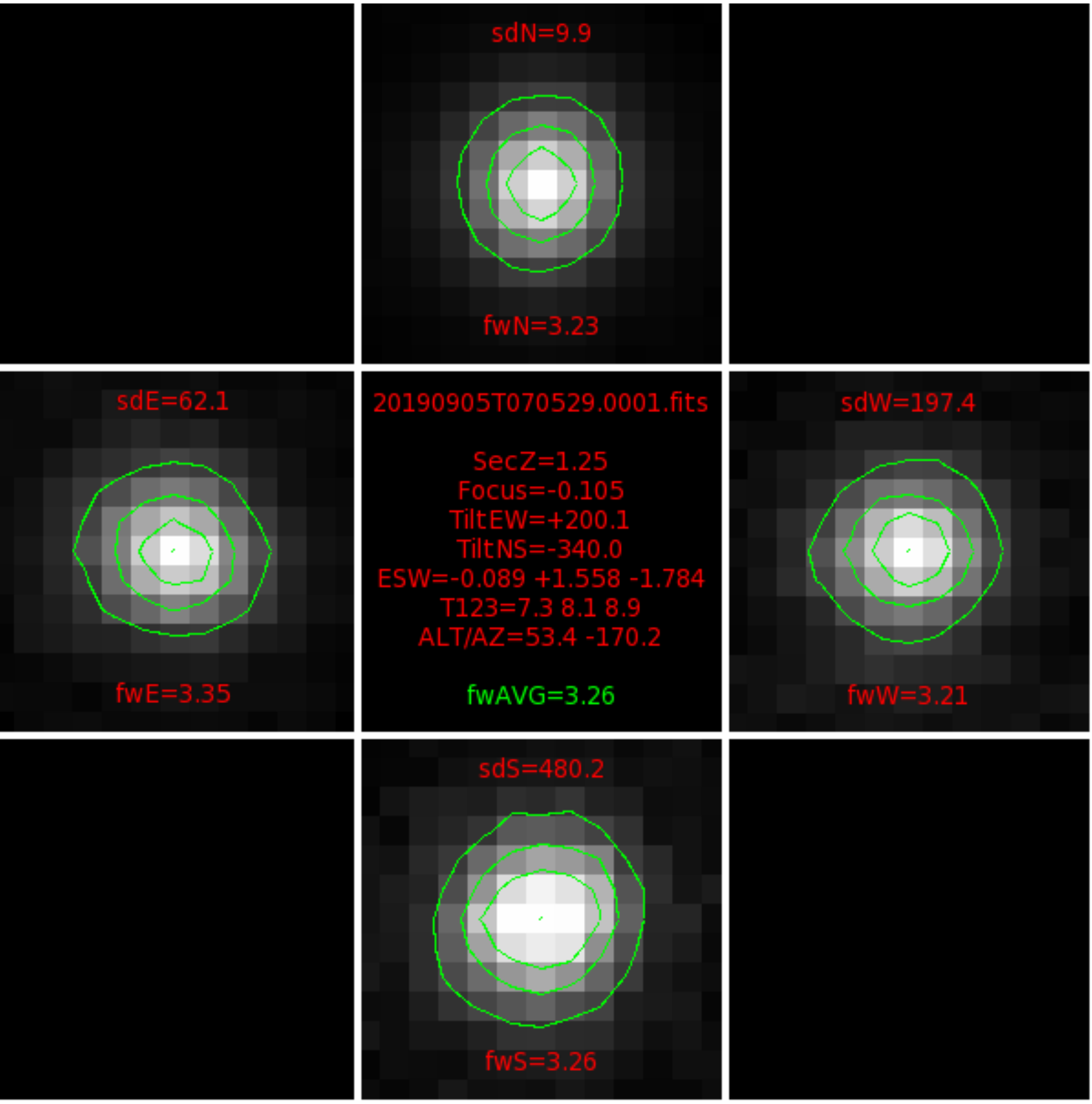
sdN=9.9
fwN=3.23
sdE=62.1
fwE=3.35
20190905T070529.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.3 8.1 8.9
ALT/AZ=53.4 -170.2
fwAVG=3.26
sdW=197.4
fwW=3.21
sdS=480.2
fwS=3.26
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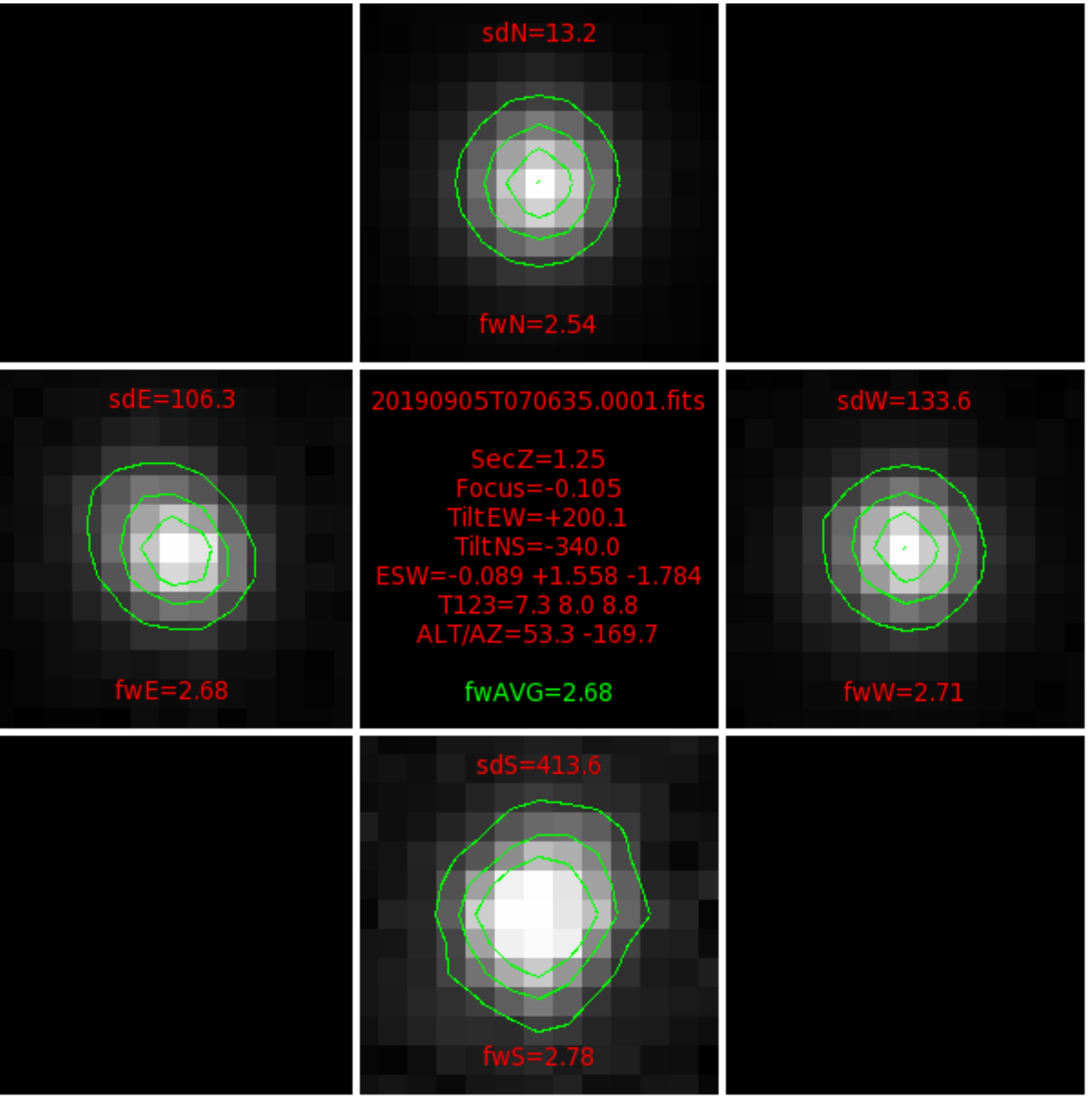
sdN=13.2
fwN=2.54
sdE=106.3
fwE=2.68
20190905T070635.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.3 8.0 8.8
ALT/AZ=53.3 -169.7
fwAVG=2.68
sdW=133.6
fwW=2.71
sdS=413.6
fwS=2.78
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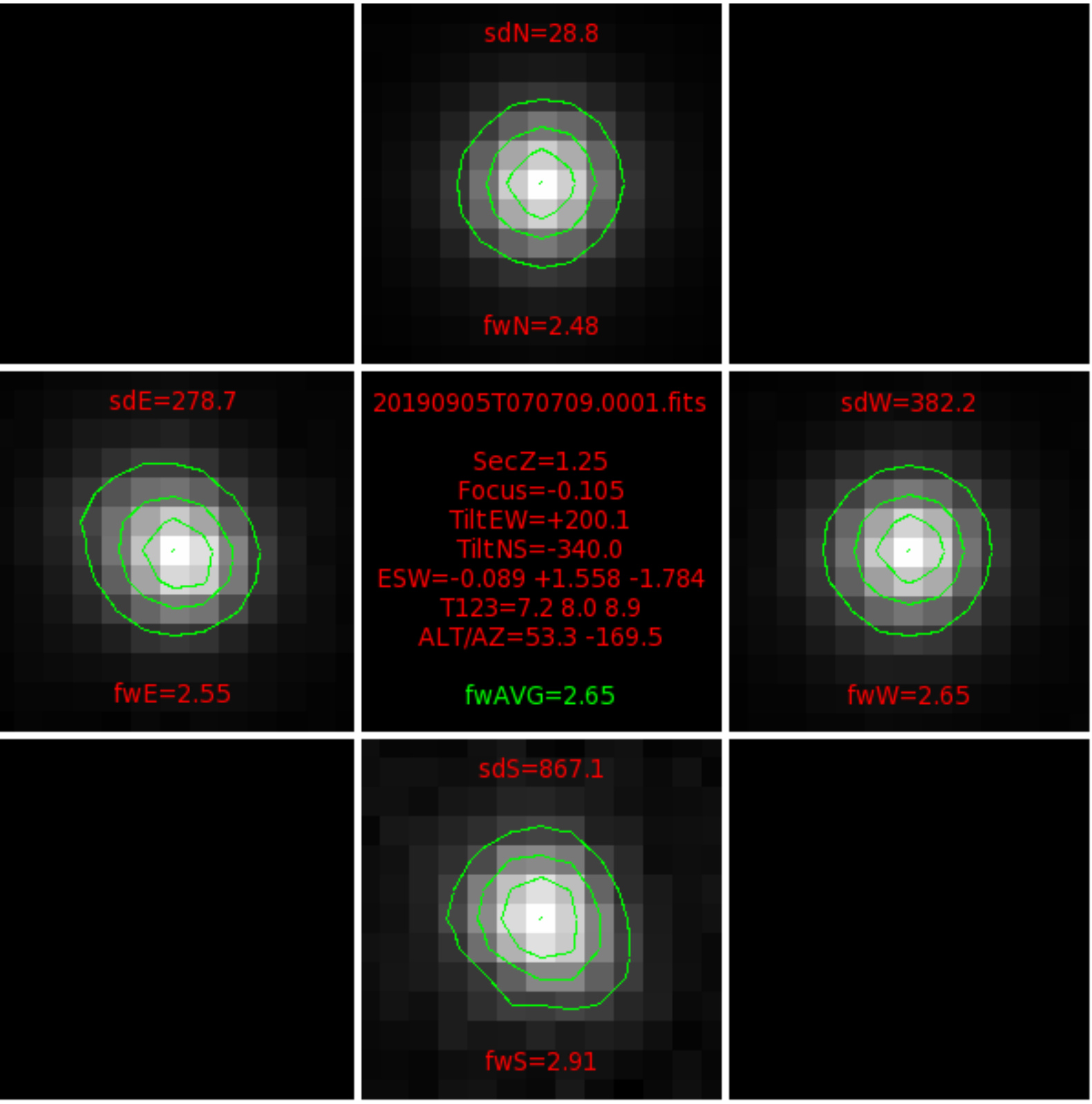
sdN=28.8
fwN=2.48
sdE=278.7
fwE=2.55
20190905T070709.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.2 8.0 8.9
ALT/AZ=53.3 -169.5
fwAVG=2.65
sdW=382.2
fwW=2.65
sdS=867.1
fwS=2.91
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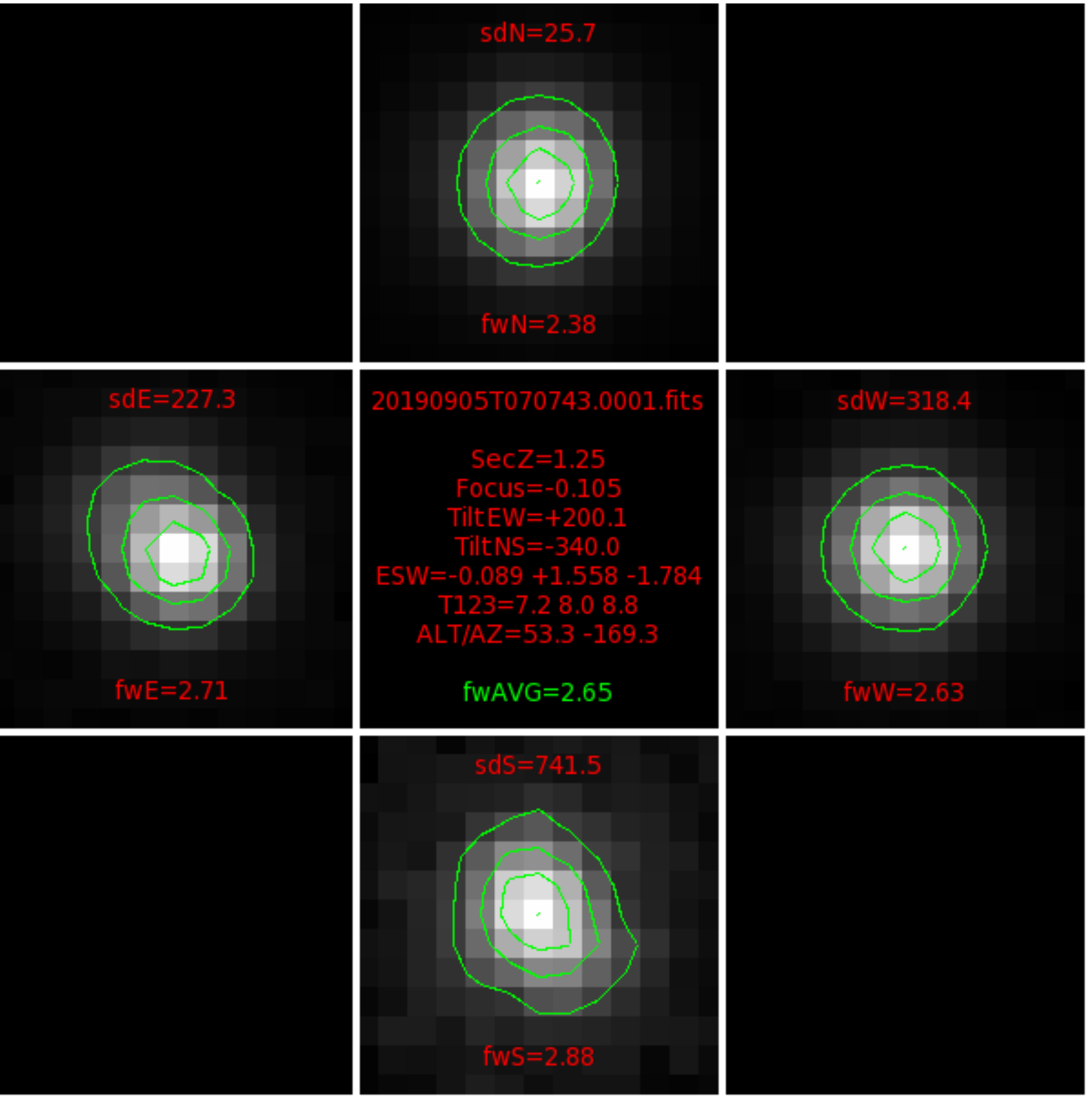
sdN=25.7
fwN=2.38
sdE=227.3
fwE=2.71
20190905T070743.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.2 8.0 8.8
ALT/AZ=53.3 -169.3
fwAVG=2.65
sdW=318.4
fwW=2.63
sdS=741.5
fwS=2.88
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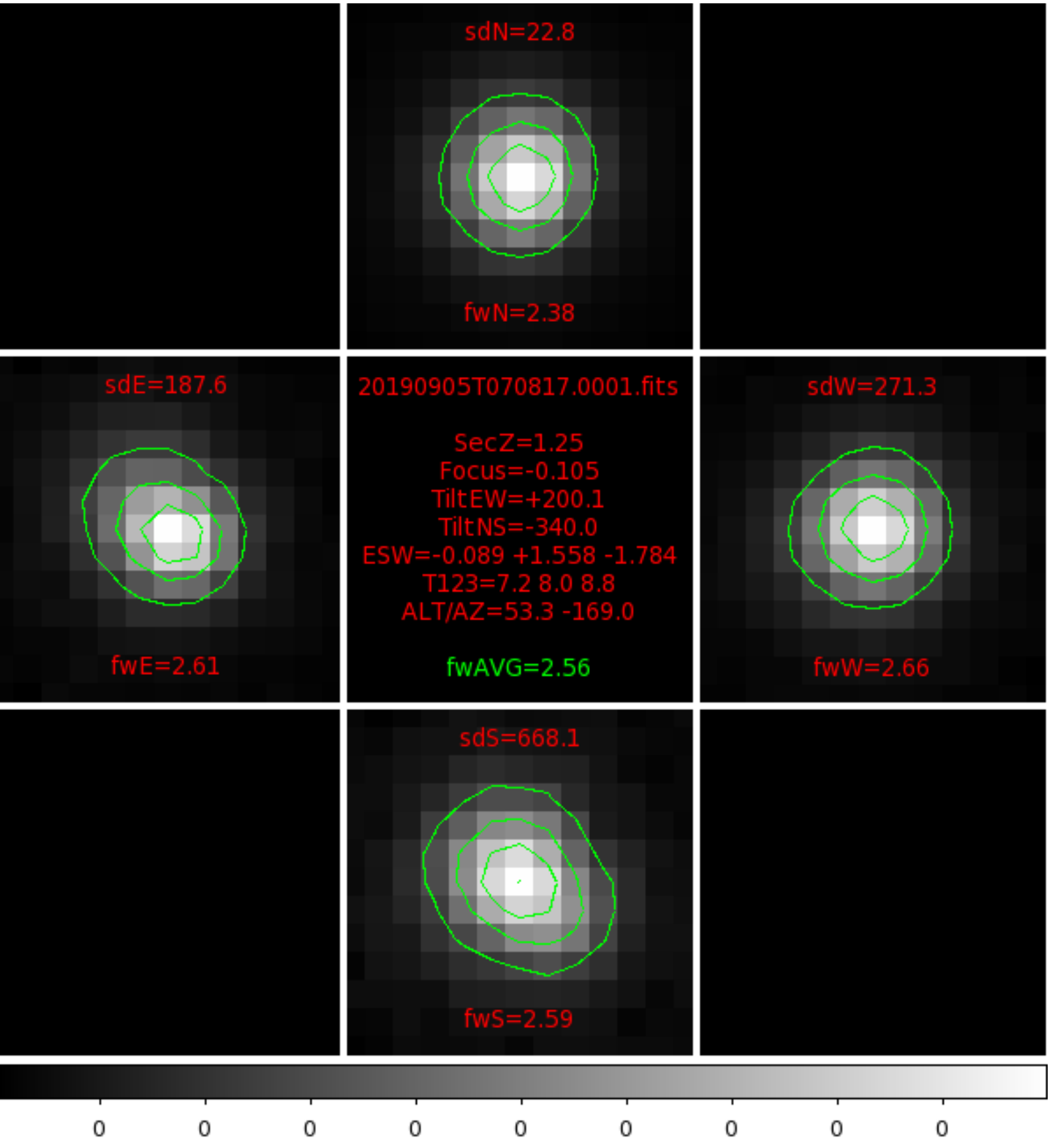
sdN=22.8
fwN=2.38
sdE=187.6
fwE=2.61
20190905T070817.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.2 8.0 8.8
ALT/AZ=53.3 -169.0
fwAVG=2.56
sdW=271.3
fwW=2.66
sdS=668.1
fwS=2.59
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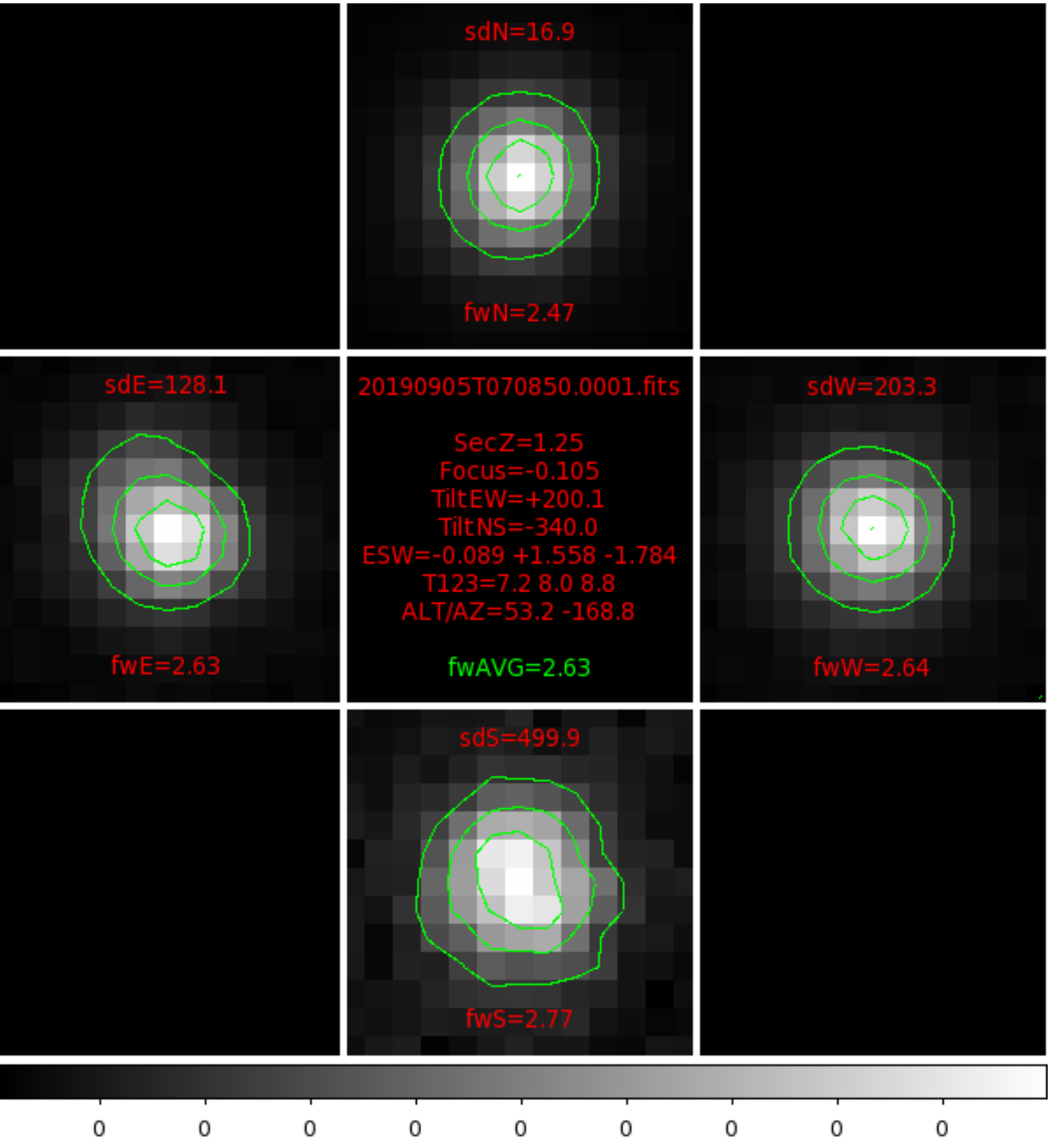
sdN=16.9
fwN=2.47
sdE=128.1
fwE=2.63
20190905T070850.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.2 8.0 8.8
ALT/AZ=53.2 -168.8
fwAVG=2.63
sdW=203.3
fwW=2.64
sdS=499.9
fwS=2.77
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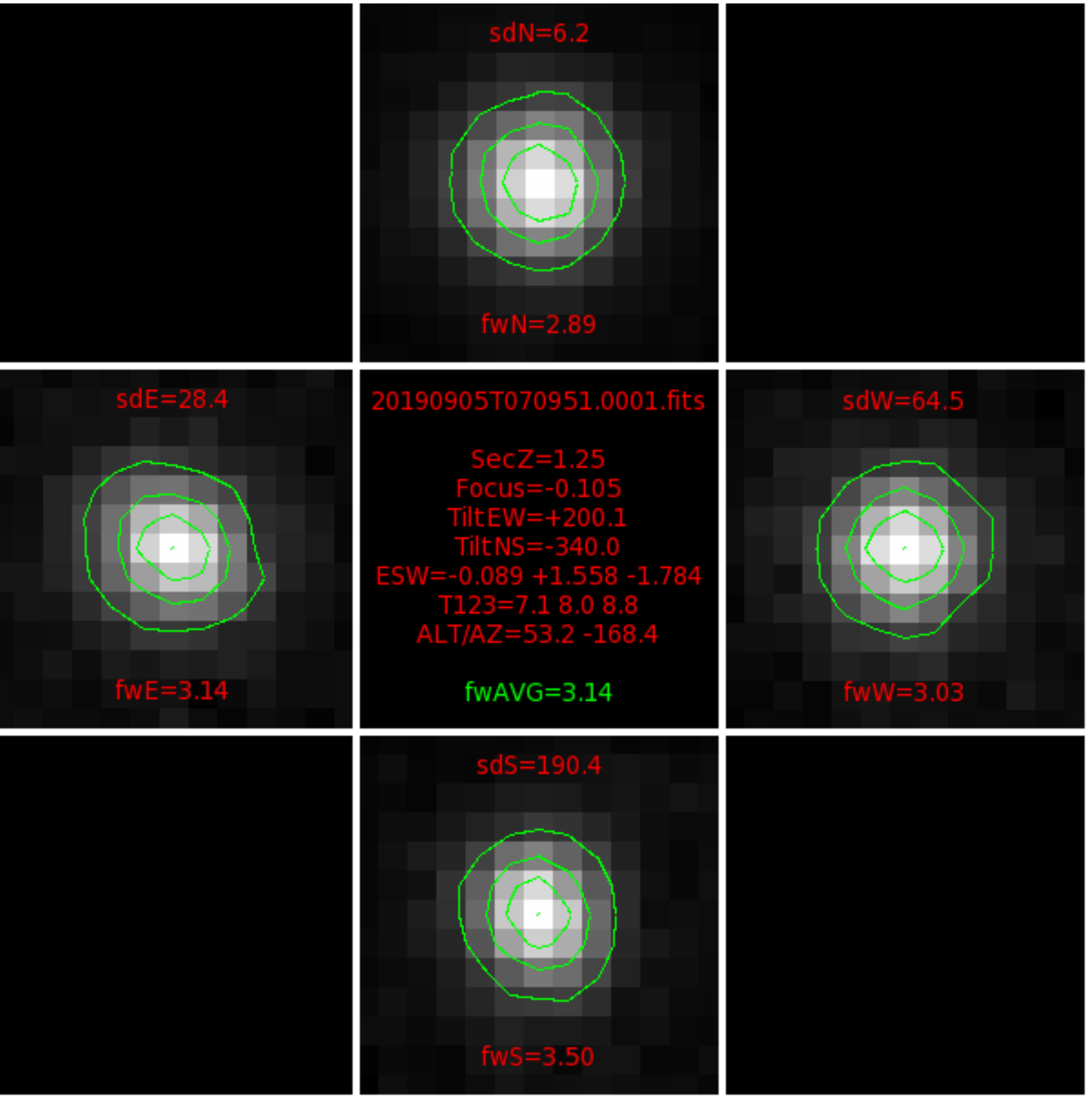
sdN=6.2
fwN=2.89
sdE=28.4
fwE=3.14
20190905T070951.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.1 8.0 8.8
ALT/AZ=53.2 -168.4
fwAVG=3.14
sdW=64.5
fwW=3.03
sdS=190.4
fwS=3.50
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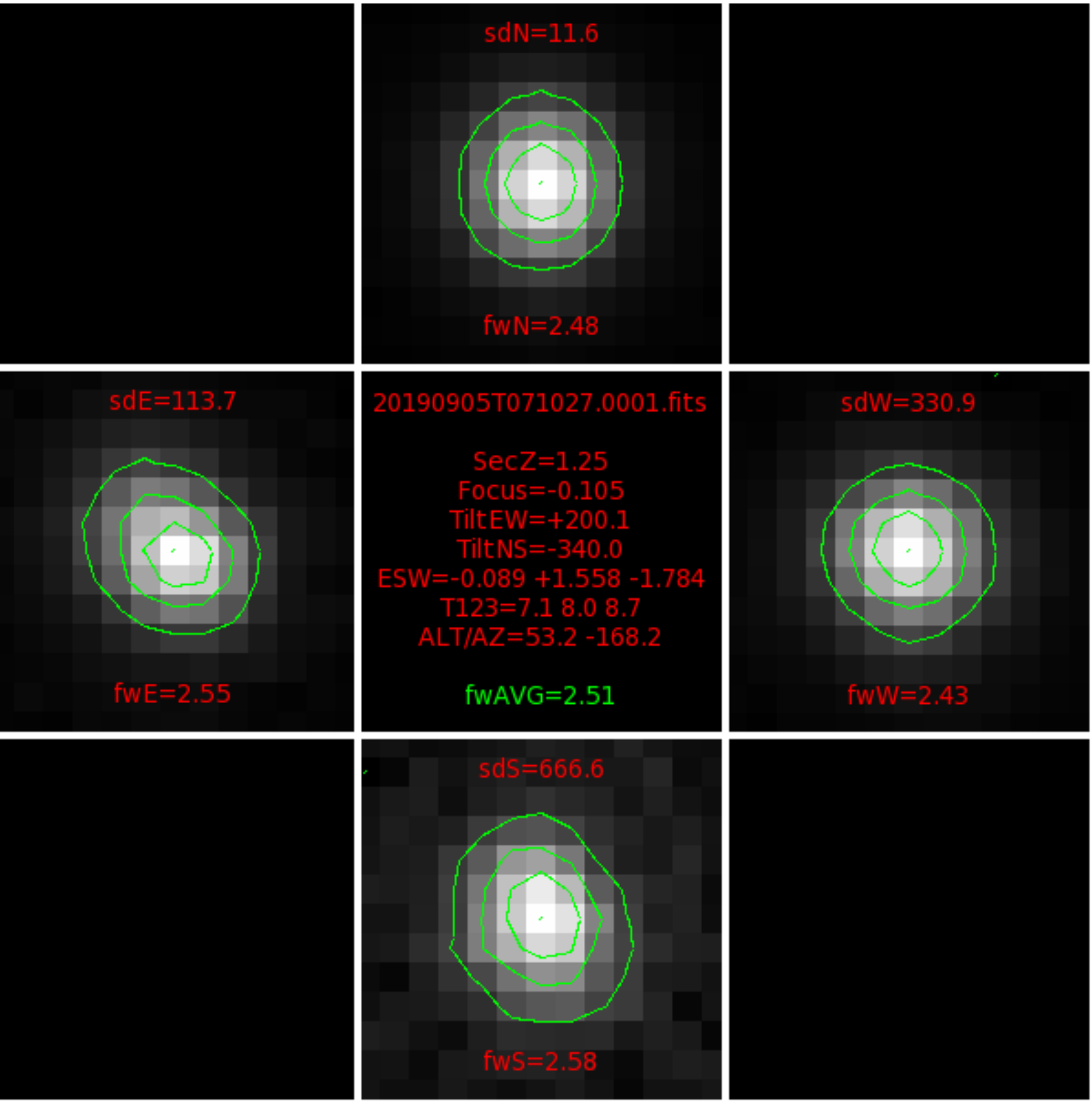
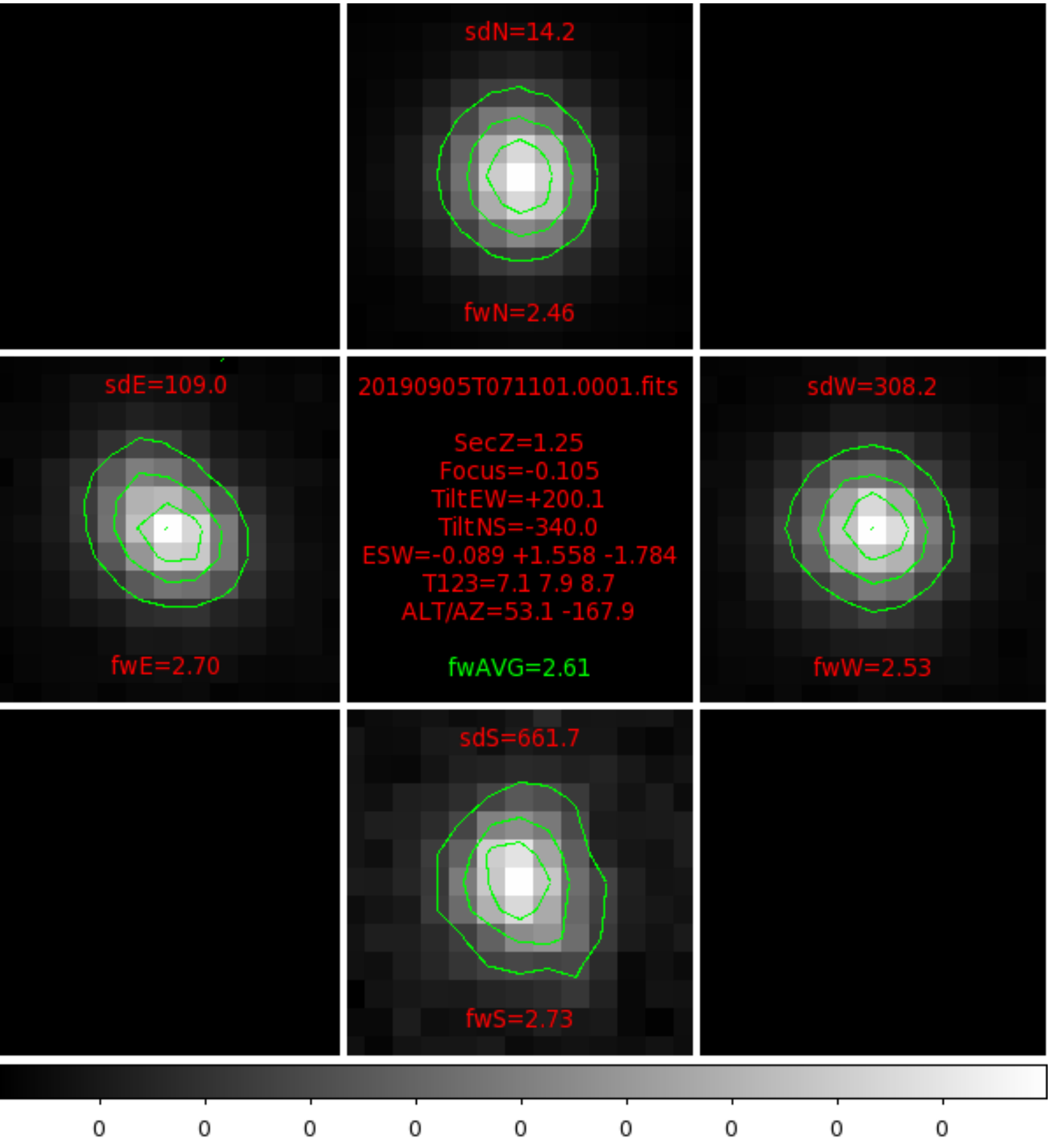

sdN=11.6
fwN=2.48
sdE=113.7
fwE=2.55
20190905T071027.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.1 8.0 8.7
ALT/AZ=53.2 -168.2
fwAVG=2.51
sdW=330.9
fwW=2.43
sdS=666.6
fwS=2.58
0 0 0 0 0 0 0 0 0


sdN=14.2
fwN=2.46
sdE=109.0
fwE=2.70
20190905T071101.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.1 7.9 8.7
ALT/AZ=53.1 -167.9
fwAVG=2.61
sdW=308.2
fwW=2.53
sdS=661.7
fwS=2.73
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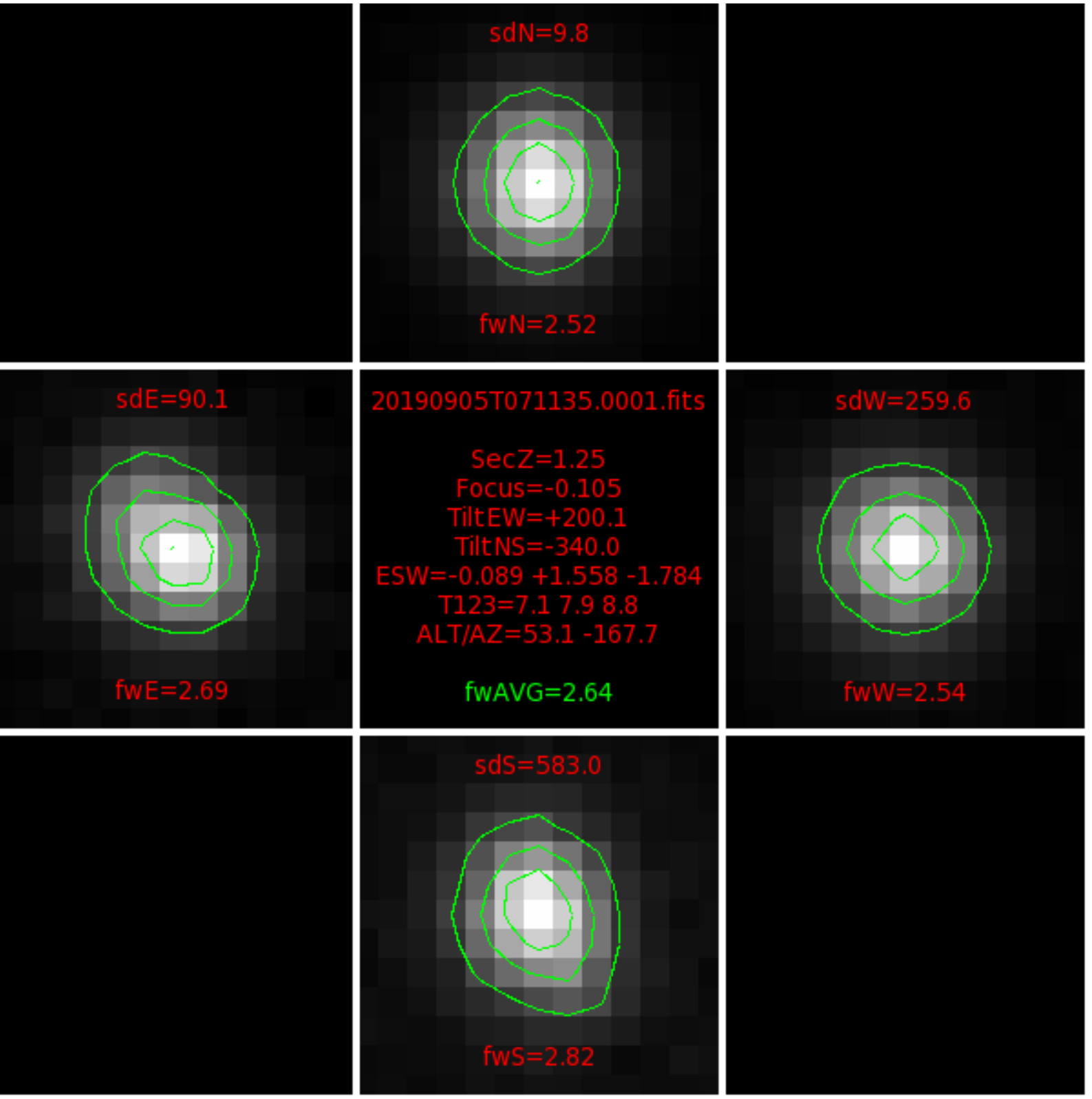
sdN=9.8
fwN=2.52
sdE=90.1
fwE=2.69
20190905T071135.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.1 7.9 8.8
ALT/AZ=53.1 -167.7
fwAVG=2.64
sdW=259.6
fwW=2.54
sdS=583.0
fwS=2.82
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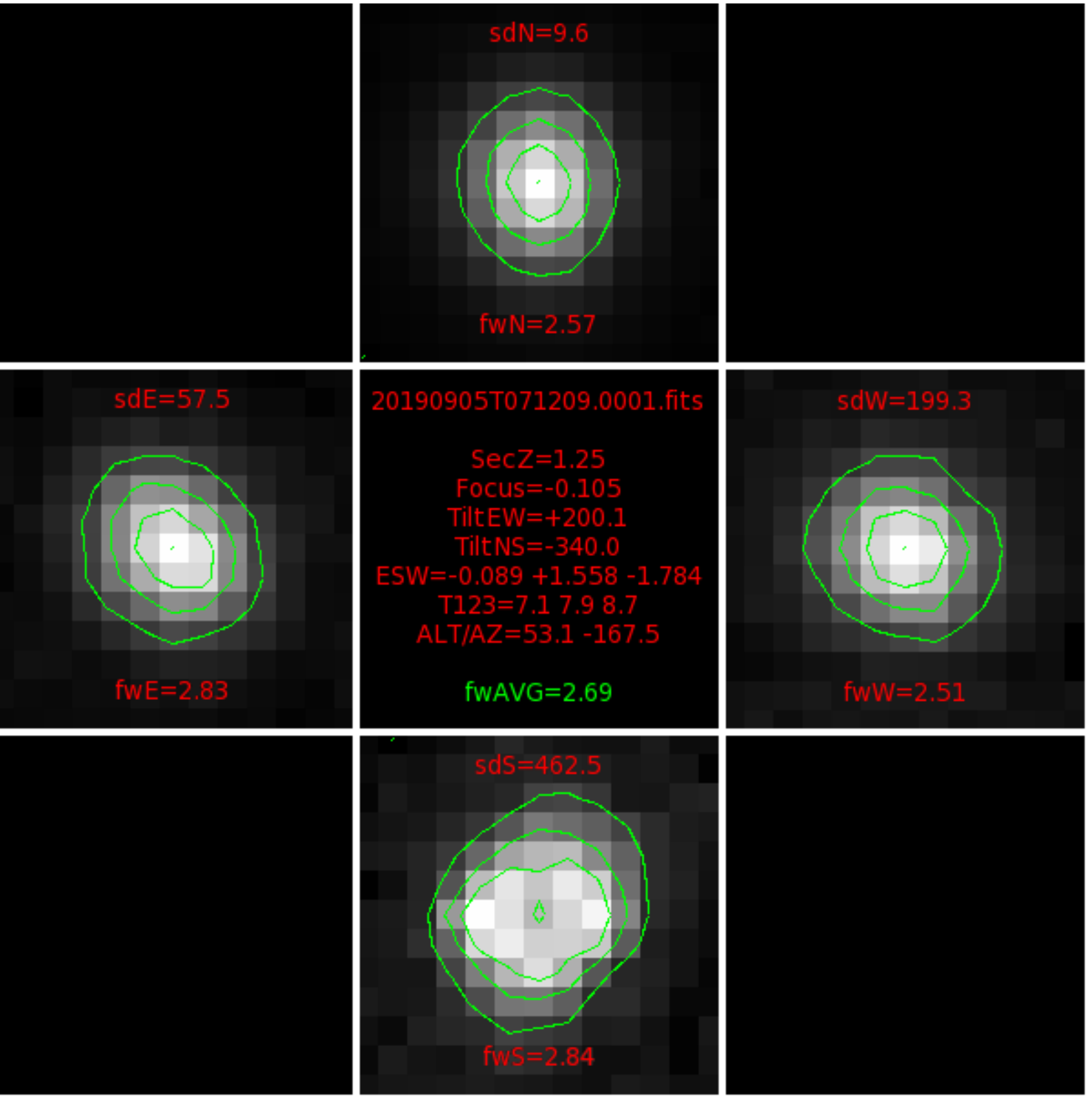
sdN=9.6
fwN=2.57
sdE=57.5
fwE=2.83
20190905T071209.0001.fits
SecZ=1.25
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.1 7.9 8.7
ALT/AZ=53.1 -167.5
fwAVG=2.69
sdW=199.3
fwW=2.51
sdS=462.5
fwS=2.84
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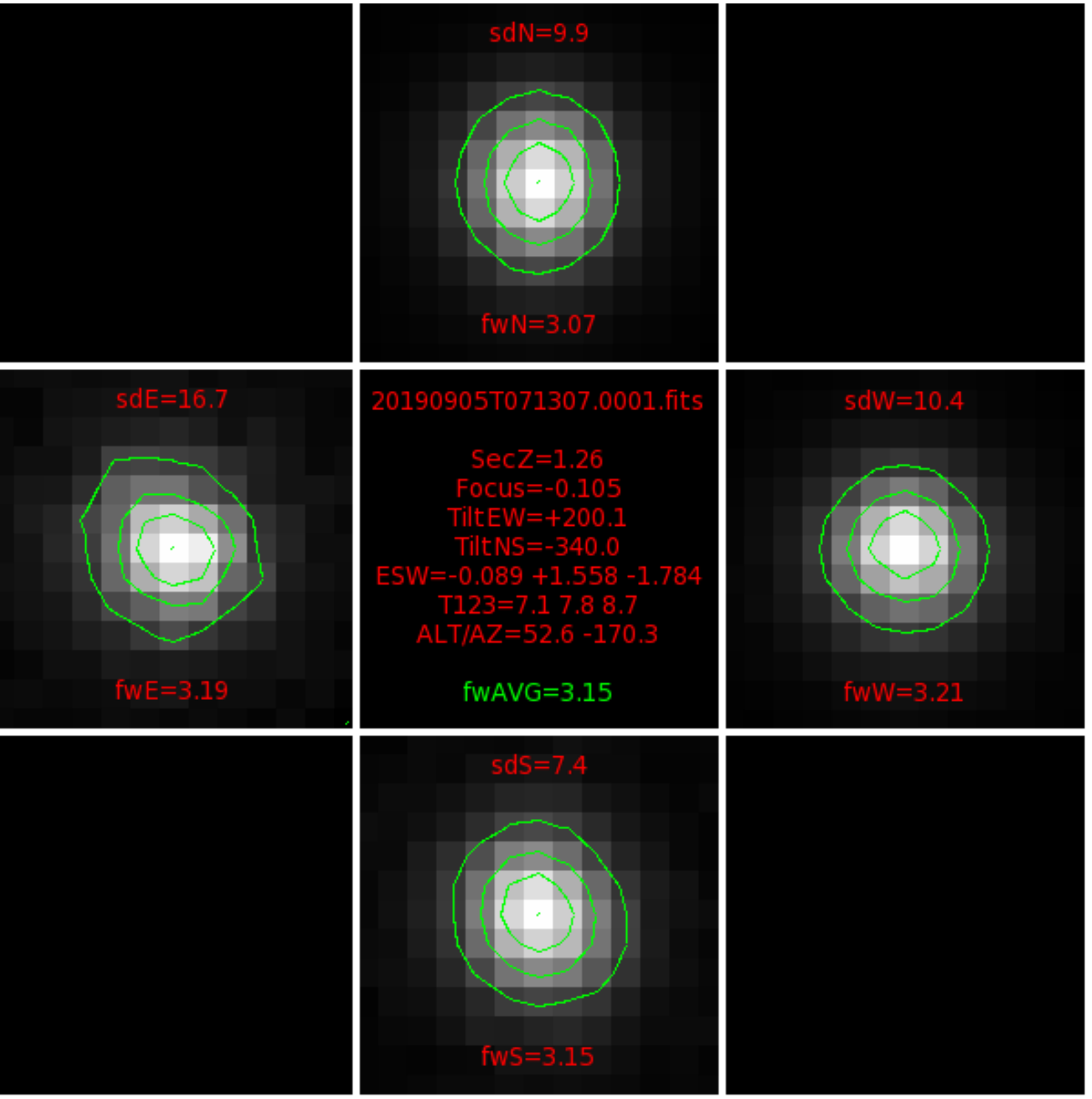
sdN=9.9
fwN=3.07
sdE=16.7
fwE=3.19
20190905T071307.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.1 7.8 8.7
ALT/AZ=52.6 -170.3
fwAVG=3.15
sdW=10.4
fwW=3.21
sdS=7.4
fwS=3.15
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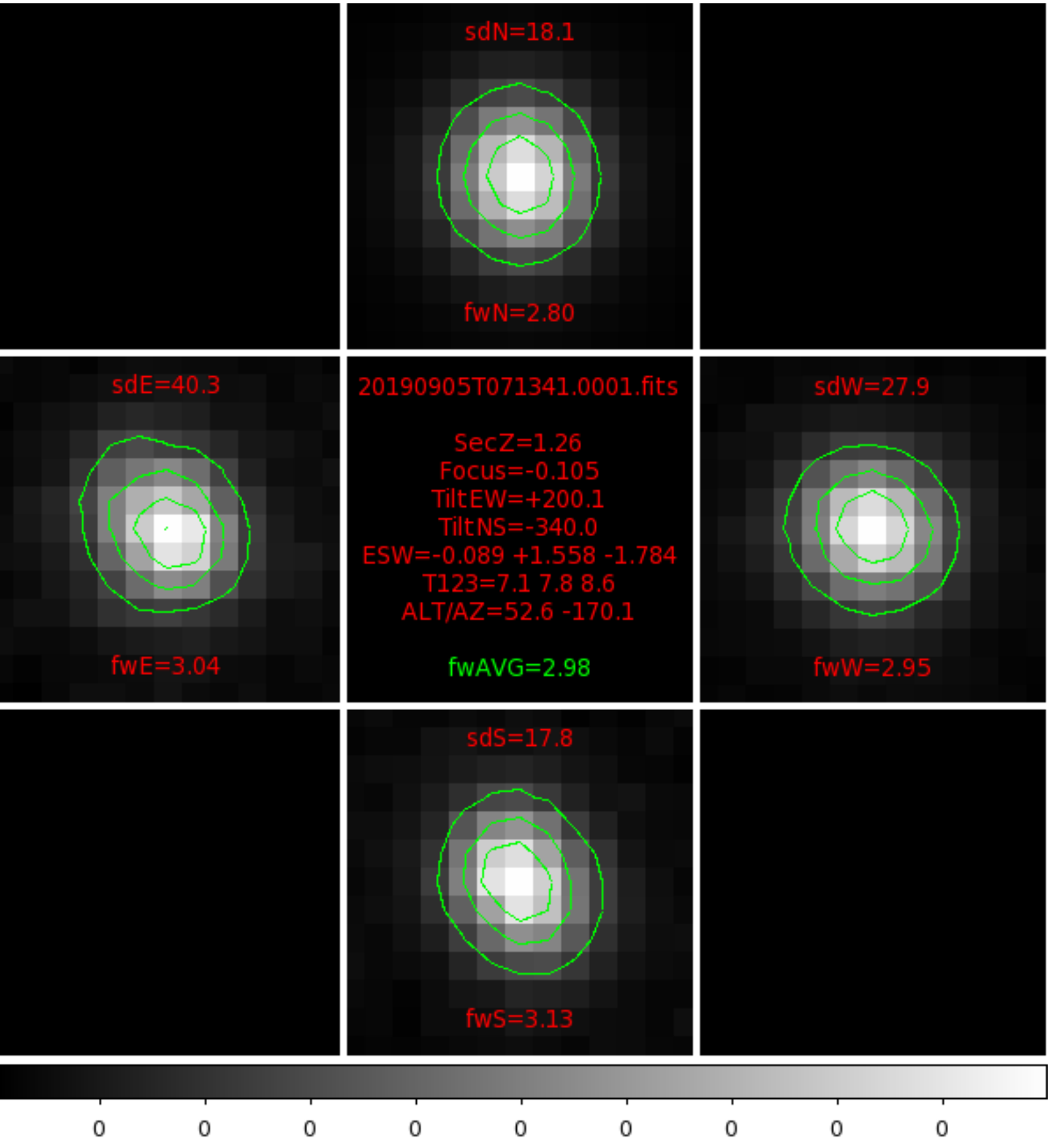
sdN=18.1
fwN=2.80
sdE=40.3
fwE=3.04
20190905T071341.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.1 7.8 8.6
ALT/AZ=52.6 -170.1
fwAVG=2.98
sdW=27.9
fwW=2.95
sdS=17.8
fwS=3.13
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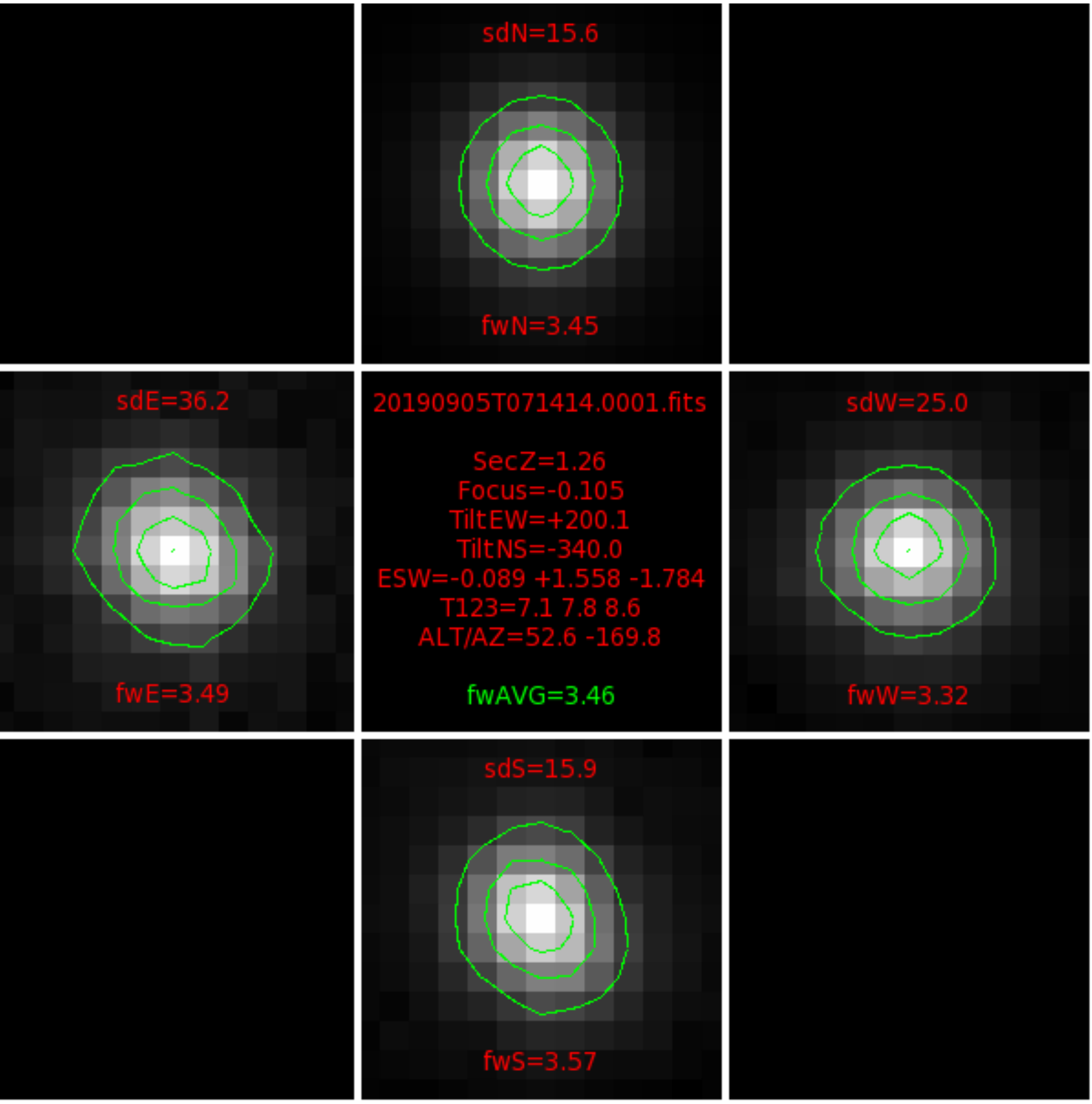
sdN=15.6
fwN=3.45
sdE=36.2
fwE=3.49
20190905T071414.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.1 7.8 8.6
ALT/AZ=52.6 -169.8
fwAVG=3.46
sdW=25.0
fwW=3.32
sdS=15.9
fwS=3.57
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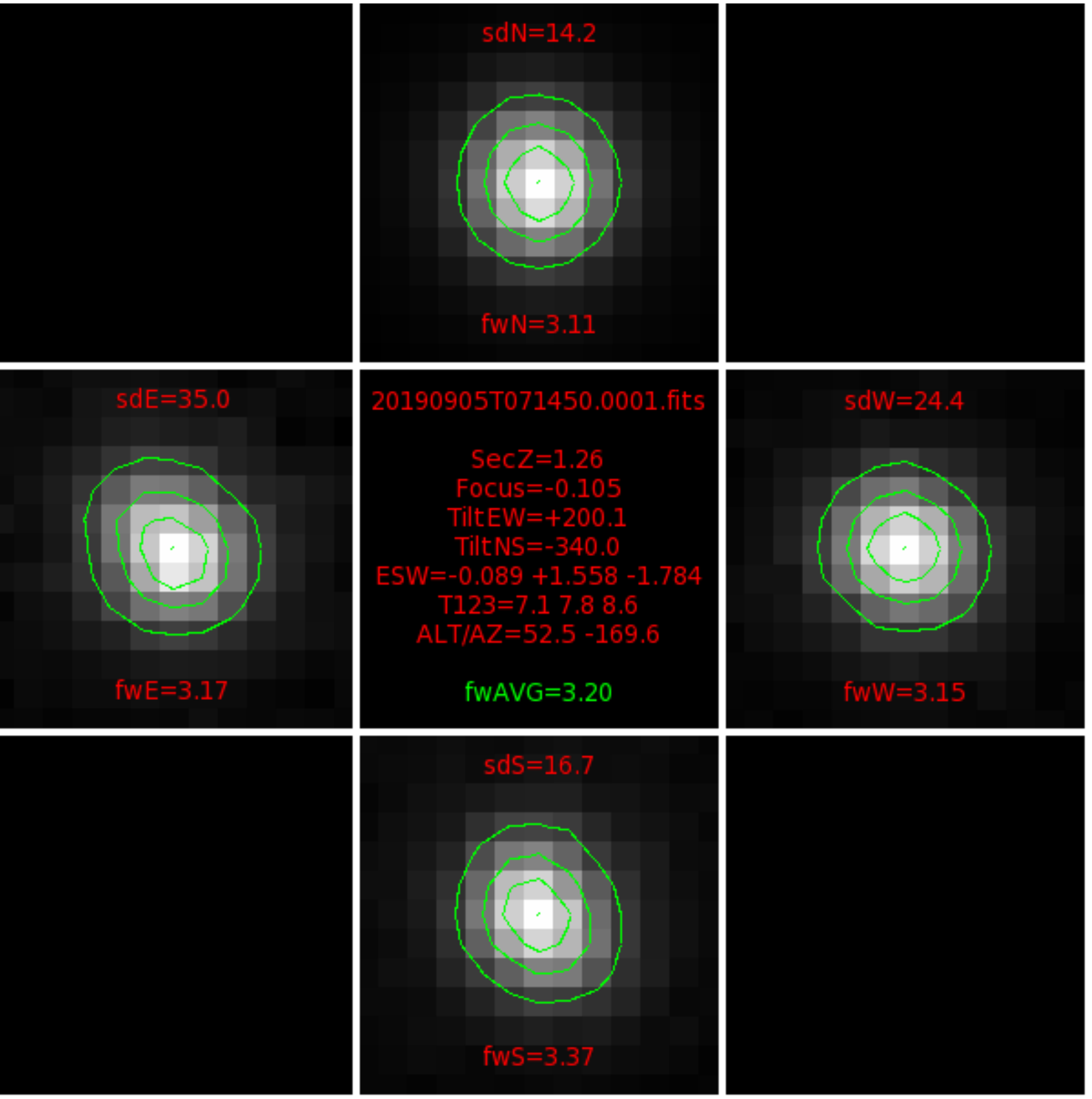
sdN=14.2
fwN=3.11
sdE=35.0
fwE=3.17
20190905T071450.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.1 7.8 8.6
ALT/AZ=52.5 -169.6
fwAVG=3.20
sdW=24.4
fwW=3.15
sdS=16.7
fwS=3.37
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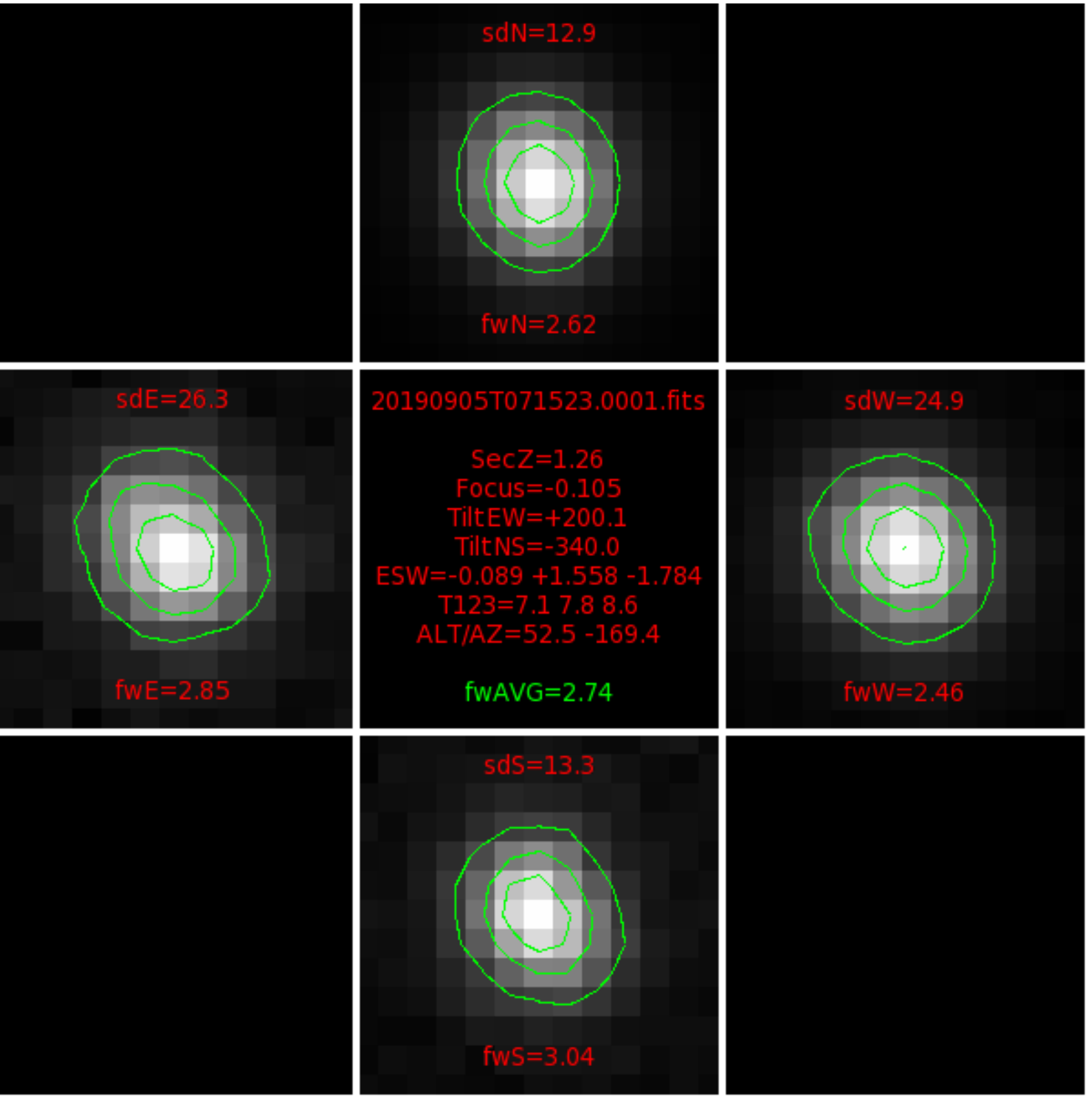
sdN=12.9
fwN=2.62
sdE=26.3
fwE=2.85
20190905T071523.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.1 7.8 8.6
ALT/AZ=52.5 -169.4
fwAVG=2.74
sdW=24.9
fwW=2.46
sdS=13.3
fwS=3.04
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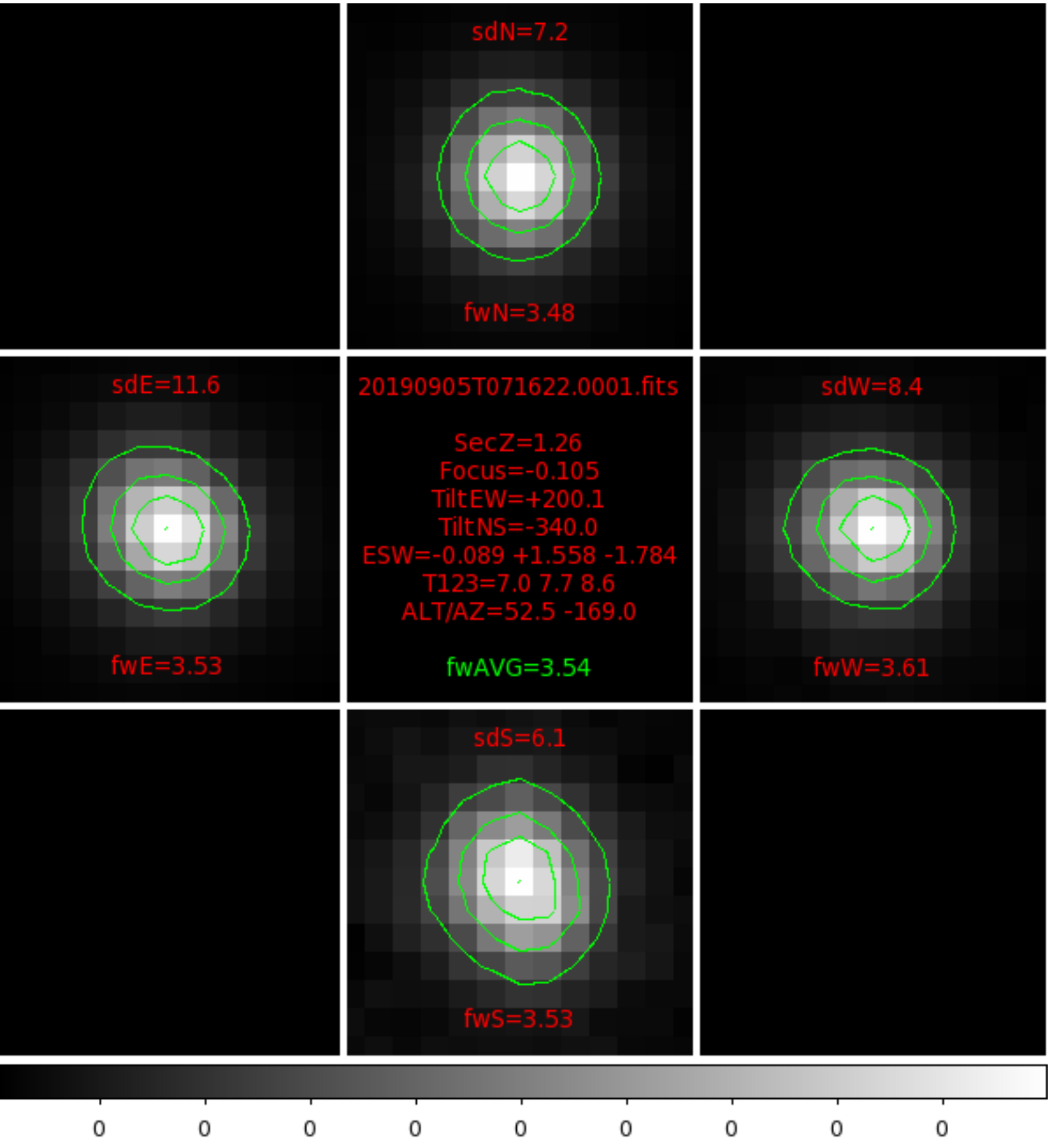
sdN=7.2
fwN=3.48
sdE=11.6
fwE=3.53
20190905T071622.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.0 7.7 8.6
ALT/AZ=52.5 -169.0
fwAVG=3.54
sdW=8.4
fwW=3.61
sdS=6.1
fwS=3.53
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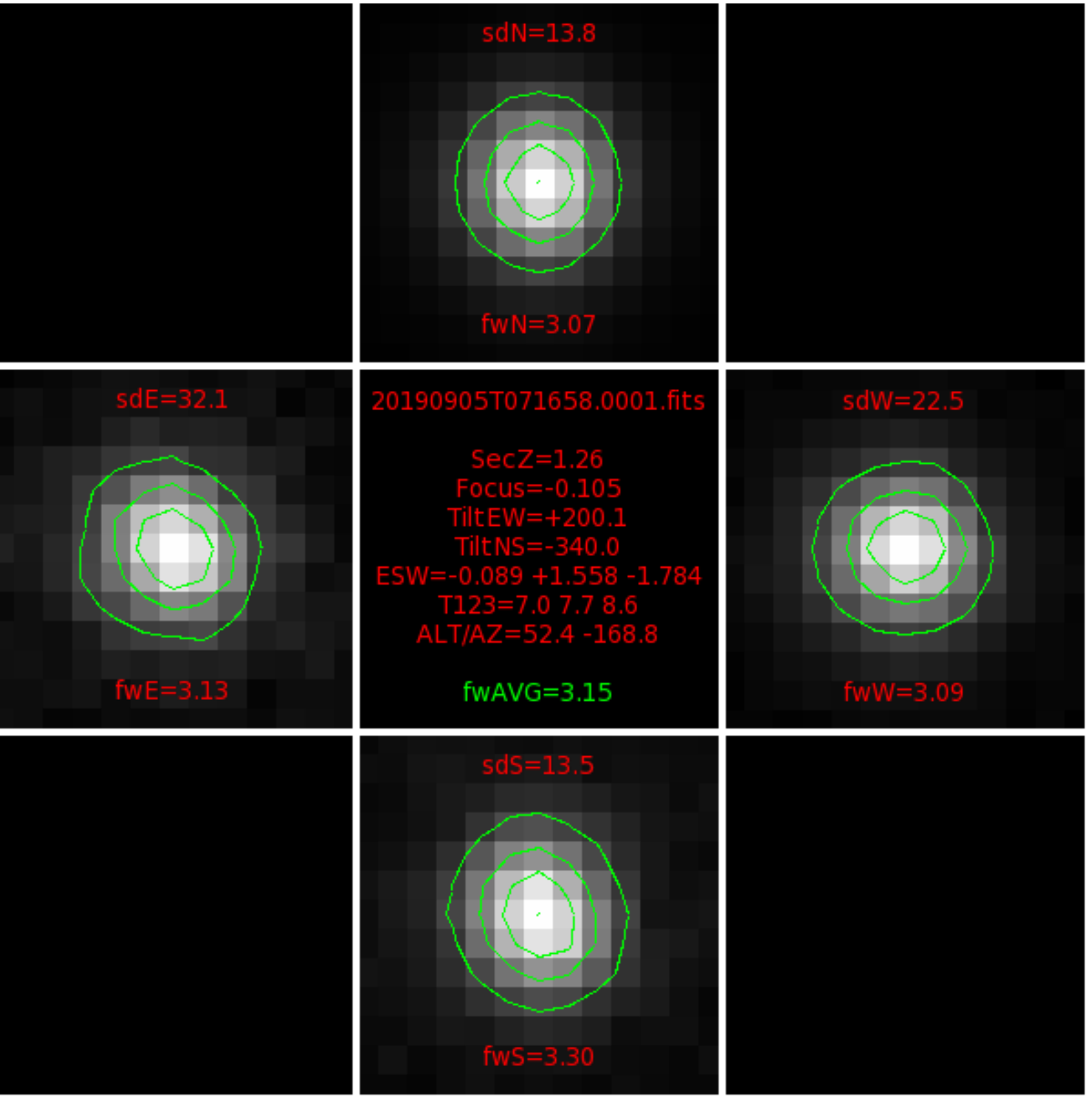
sdN=13.8
fwN=3.07
sdE=32.1
fwE=3.13
20190905T071658.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=7.0 7.7 8.6
ALT/AZ=52.4 -168.8
fwAVG=3.15
sdW=22.5
fwW=3.09
sdS=13.5
fwS=3.30
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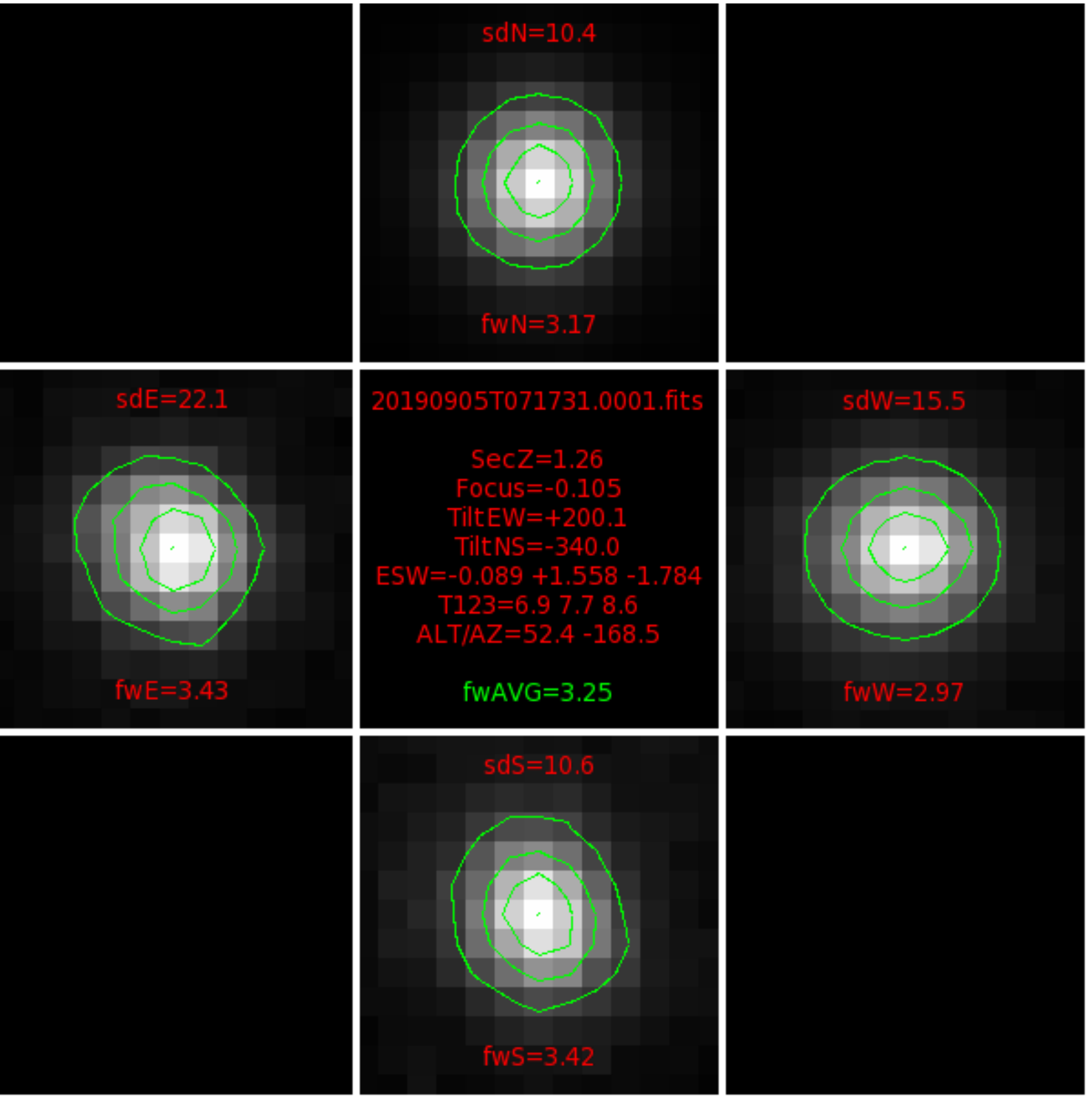
sdN=10.4
fwN=3.17
sdE=22.1
fwE=3.43
20190905T071731.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.9 7.7 8.6
ALT/AZ=52.4 -168.5
fwAVG=3.25
sdW=15.5
fwW=2.97
sdS=10.6
fwS=3.42
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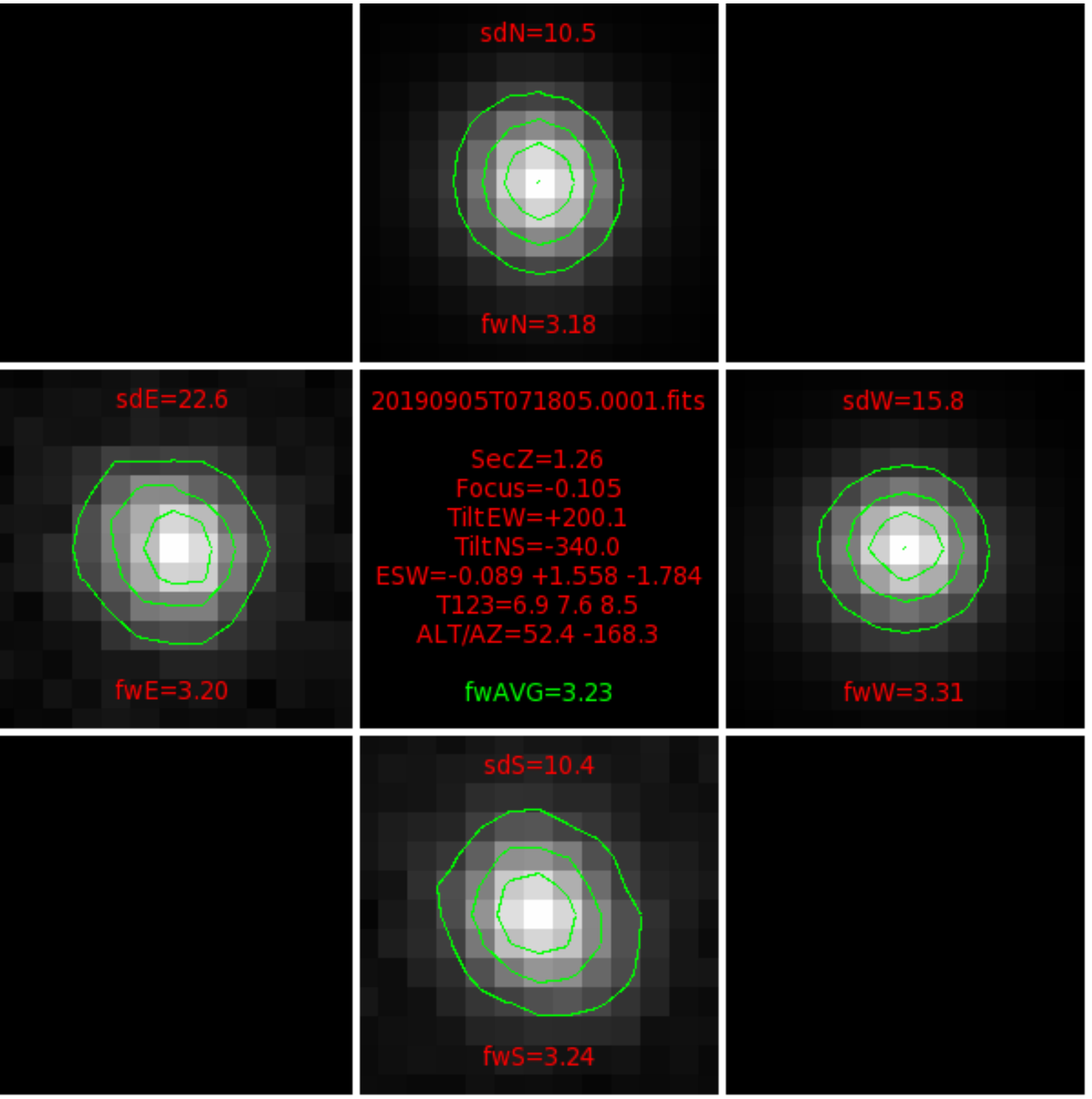
sdN=10.5
fwN=3.18
sdE=22.6
fwE=3.20
20190905T071805.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.9 7.6 8.5
ALT/AZ=52.4 -168.3
fwAVG=3.23
sdW=15.8
fwW=3.31
sdS=10.4
fwS=3.24
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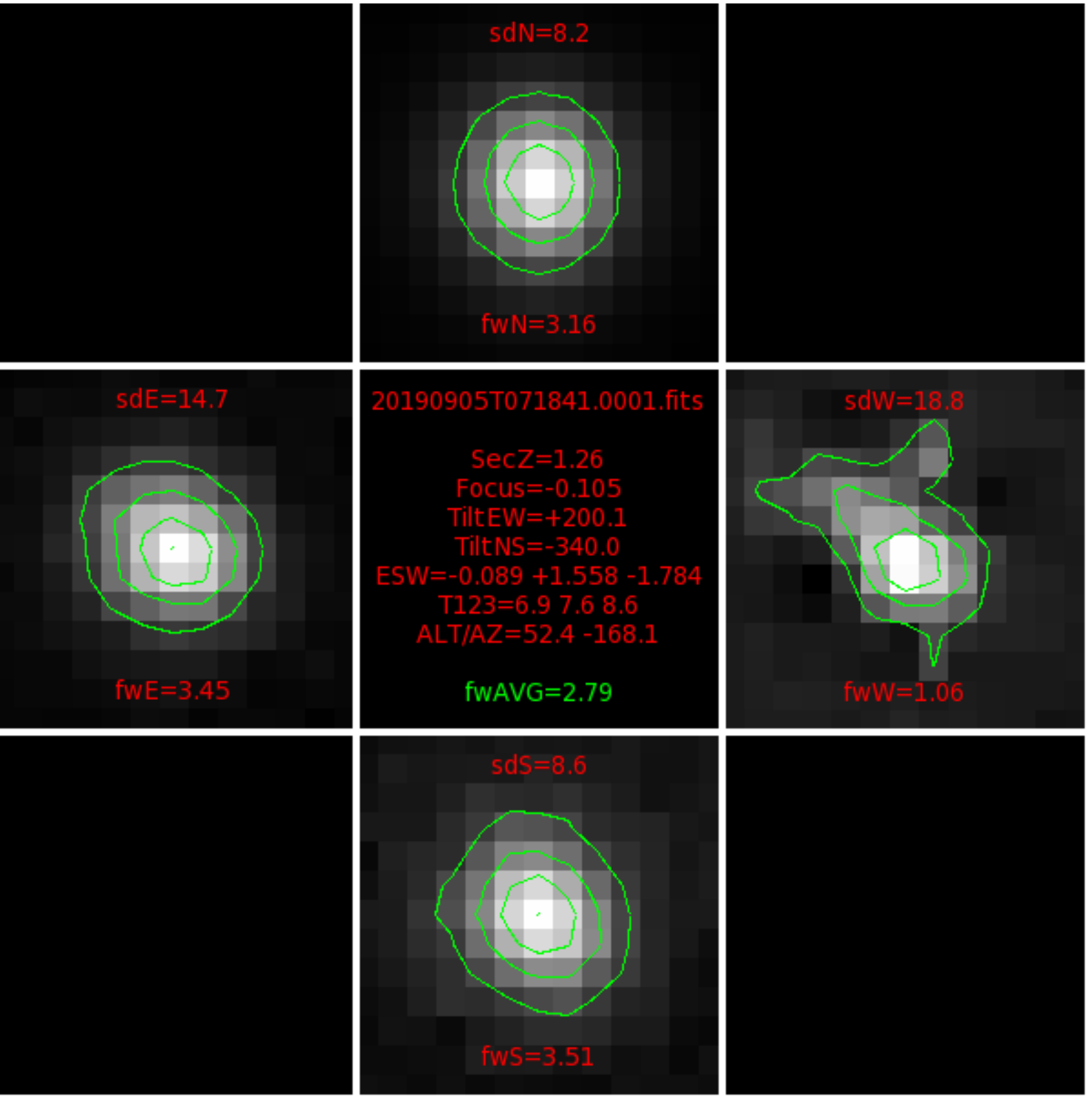
sdN=8.2
fwN=3.16
sdE=14.7
fwE=3.45
20190905T071841.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.9 7.6 8.6
ALT/AZ=52.4 -168.1
fwAVG=2.79
sdW=18.8
fwW=1.06
sdS=8.6
fwS=3.51
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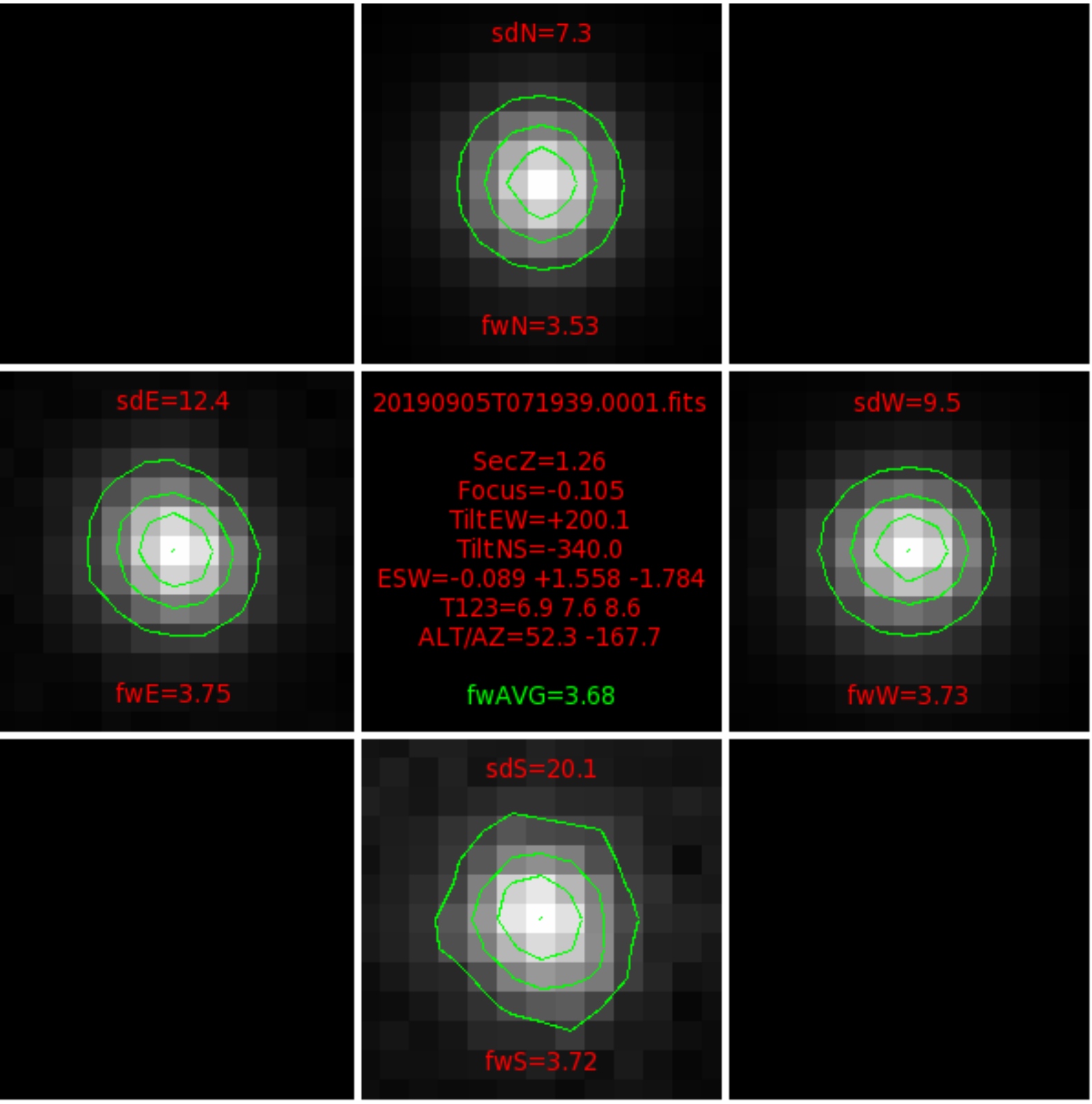
sdN=7.3
fwN=3.53
sdE=12.4
fwE=3.75
20190905T071939.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.9 7.6 8.6
ALT/AZ=52.3 -167.7
fwAVG=3.68
sdW=9.5
fwW=3.73
sdS=20.1
fwS=3.72
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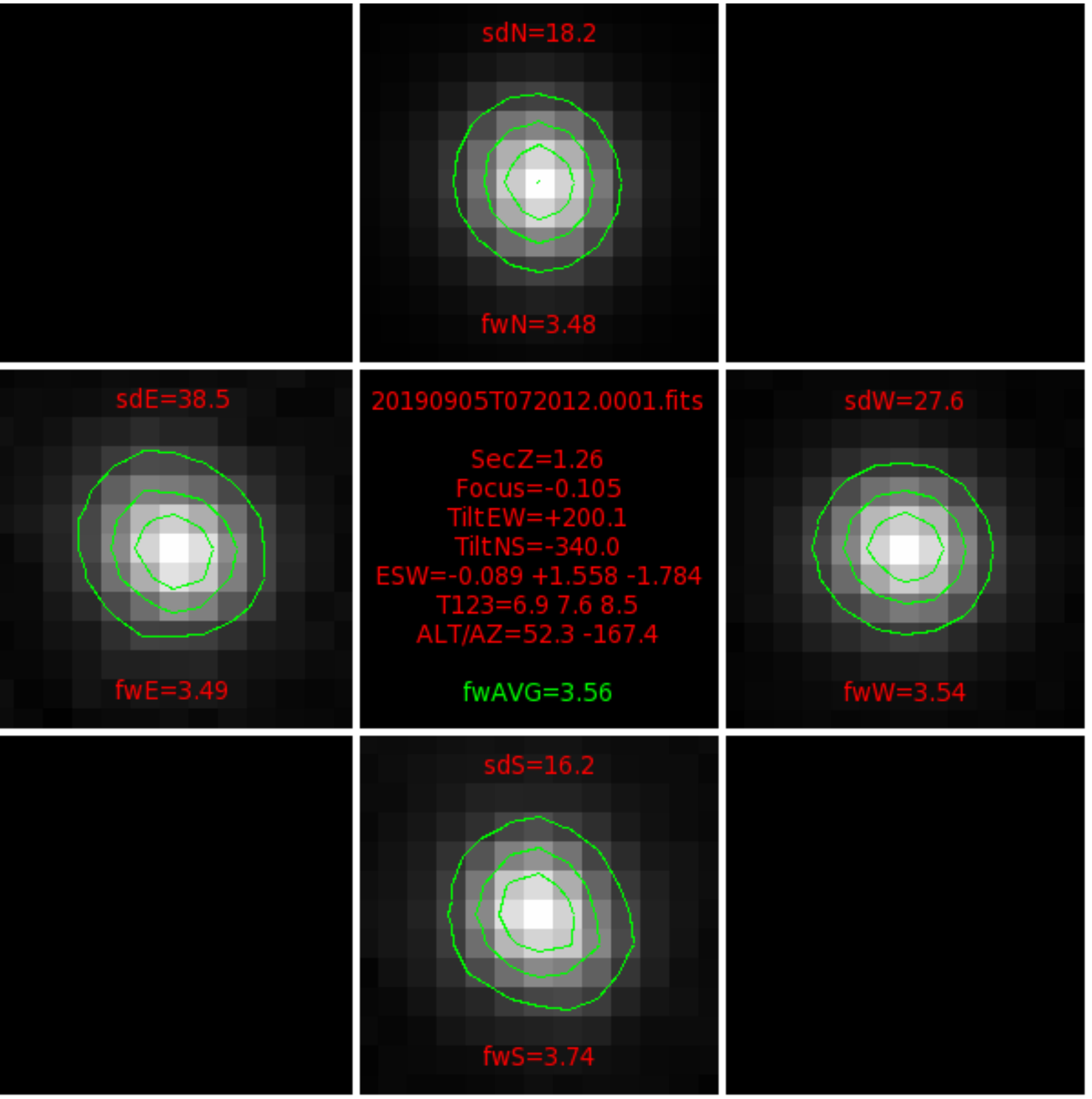
sdN=18.2
fwN=3.48
sdE=38.5
fwE=3.49
20190905T072012.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.9 7.6 8.5
ALT/AZ=52.3 -167.4
fwAVG=3.56
sdW=27.6
fwW=3.54
sdS=16.2
fwS=3.74
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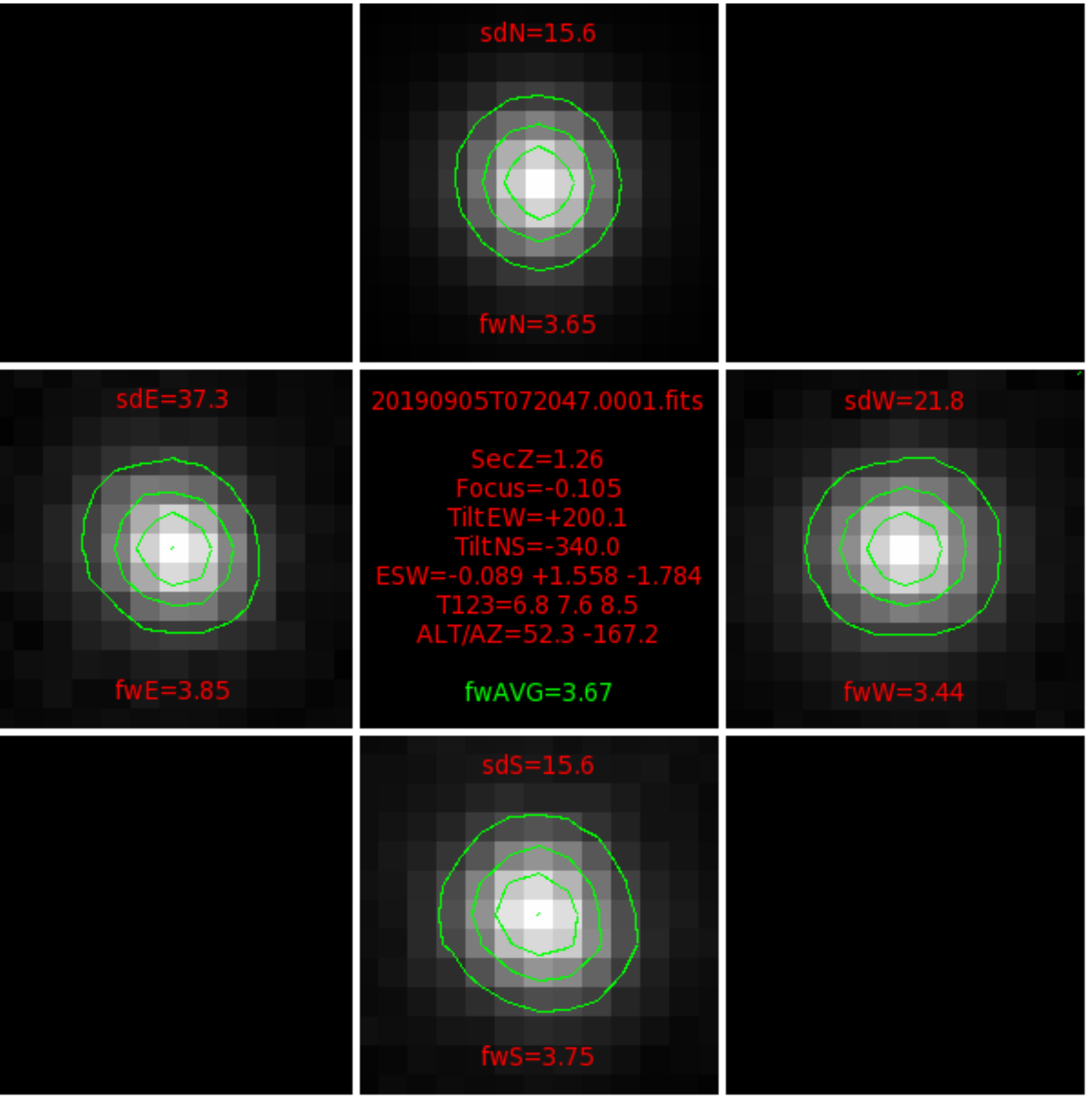
sdN=15.6
fwN=3.65
sdE=37.3
fwE=3.85
20190905T072047.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.8 7.6 8.5
ALT/AZ=52.3 -167.2
fwAVG=3.67
sdW=21.8
fwW=3.44
sdS=15.6
fwS=3.75
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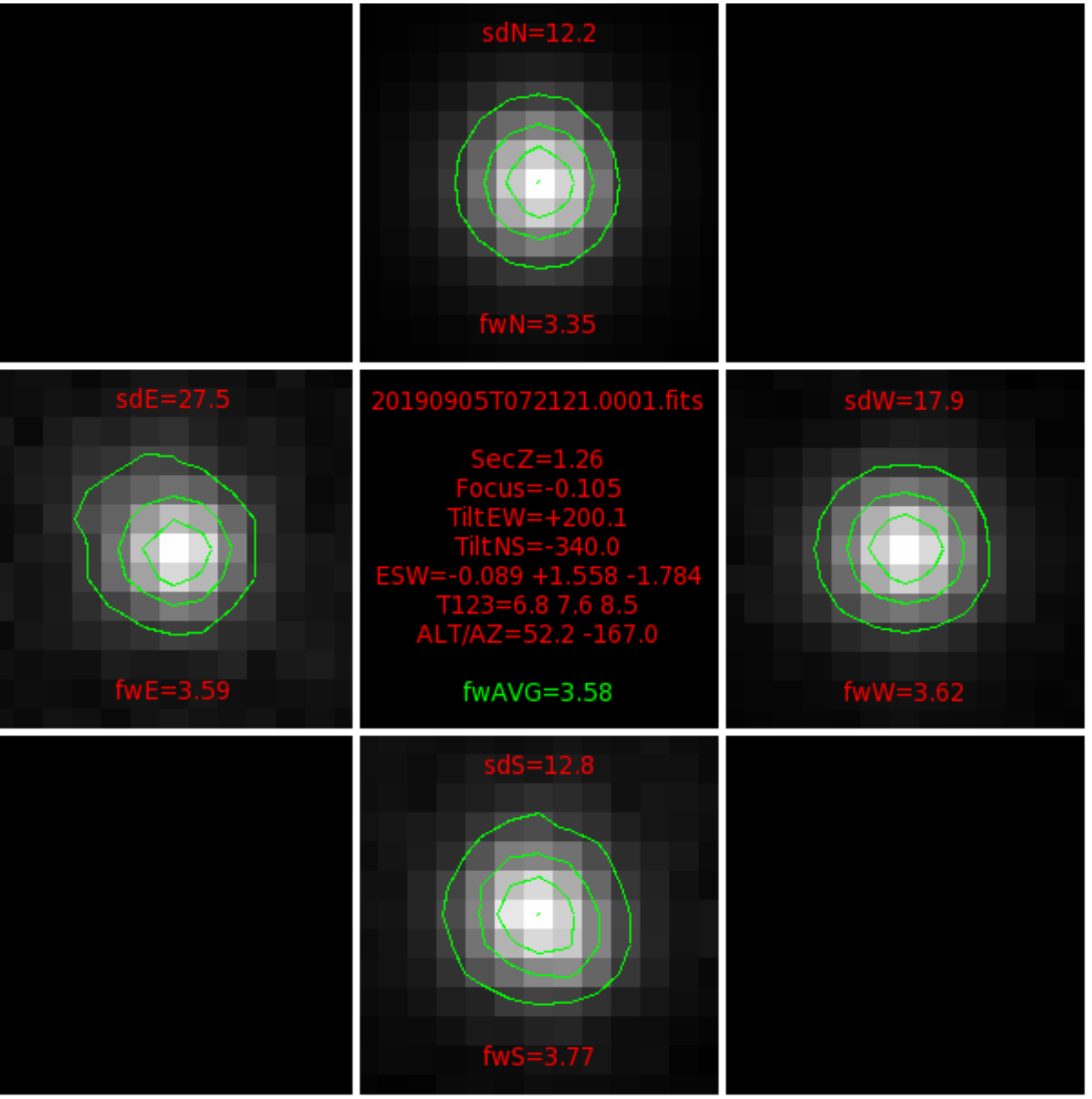
sdN=12.2
fwN=3.35
sdE=27.5
fwE=3.59
20190905T072121.0001.fits
SecZ=1.26
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.8 7.6 8.5
ALT/AZ=52.2 -167.0
fwAVG=3.58
sdW=17.9
fwW=3.62
sdS=12.8
fwS=3.77
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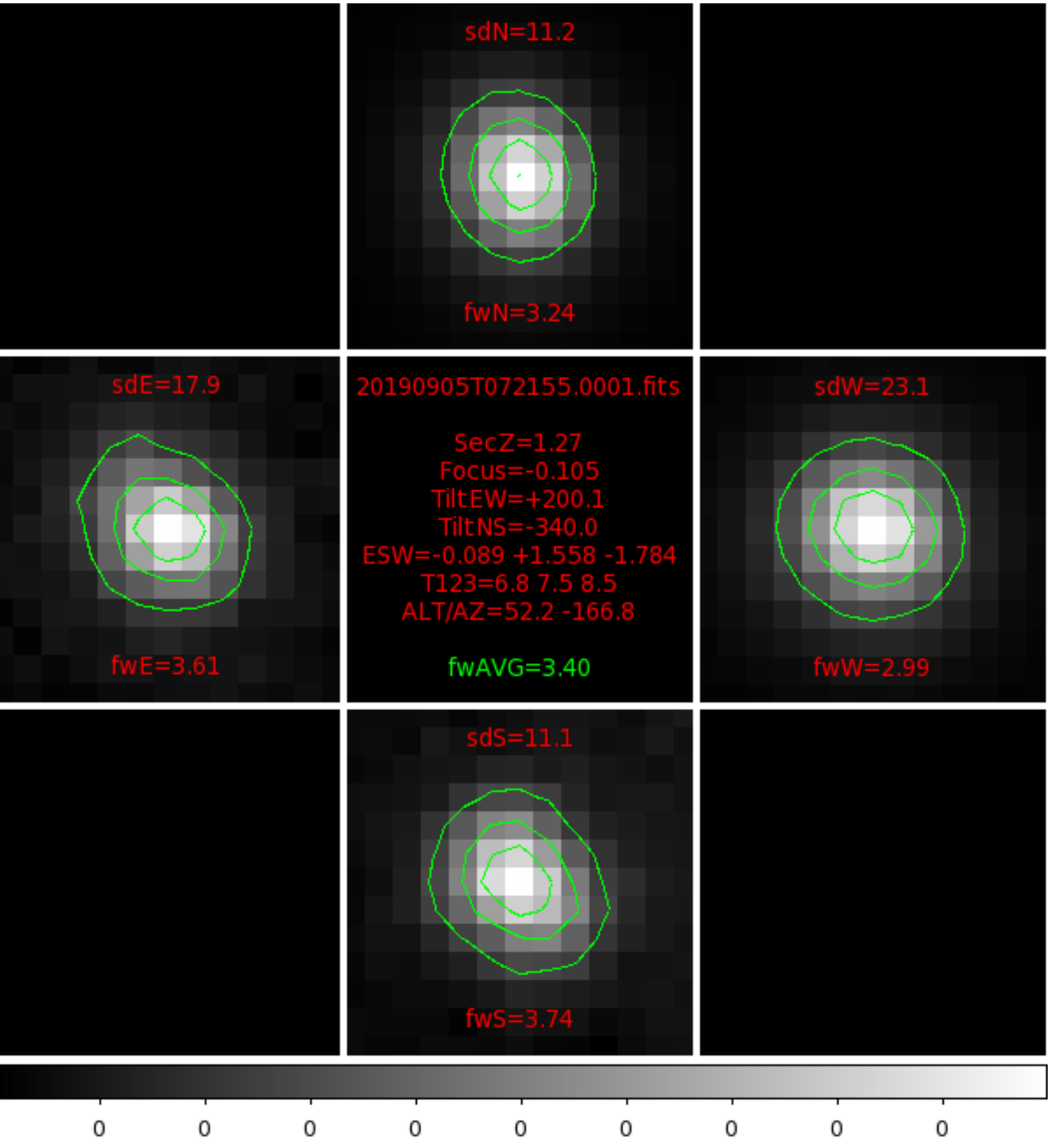
sdN=11.2
fwN=3.24
sdE=17.9
fwE=3.61
20190905T072155.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.8 7.5 8.5
ALT/AZ=52.2 -166.8
fwAVG=3.40
sdW=23.1
fwW=2.99
sdS=11.1
fwS=3.74
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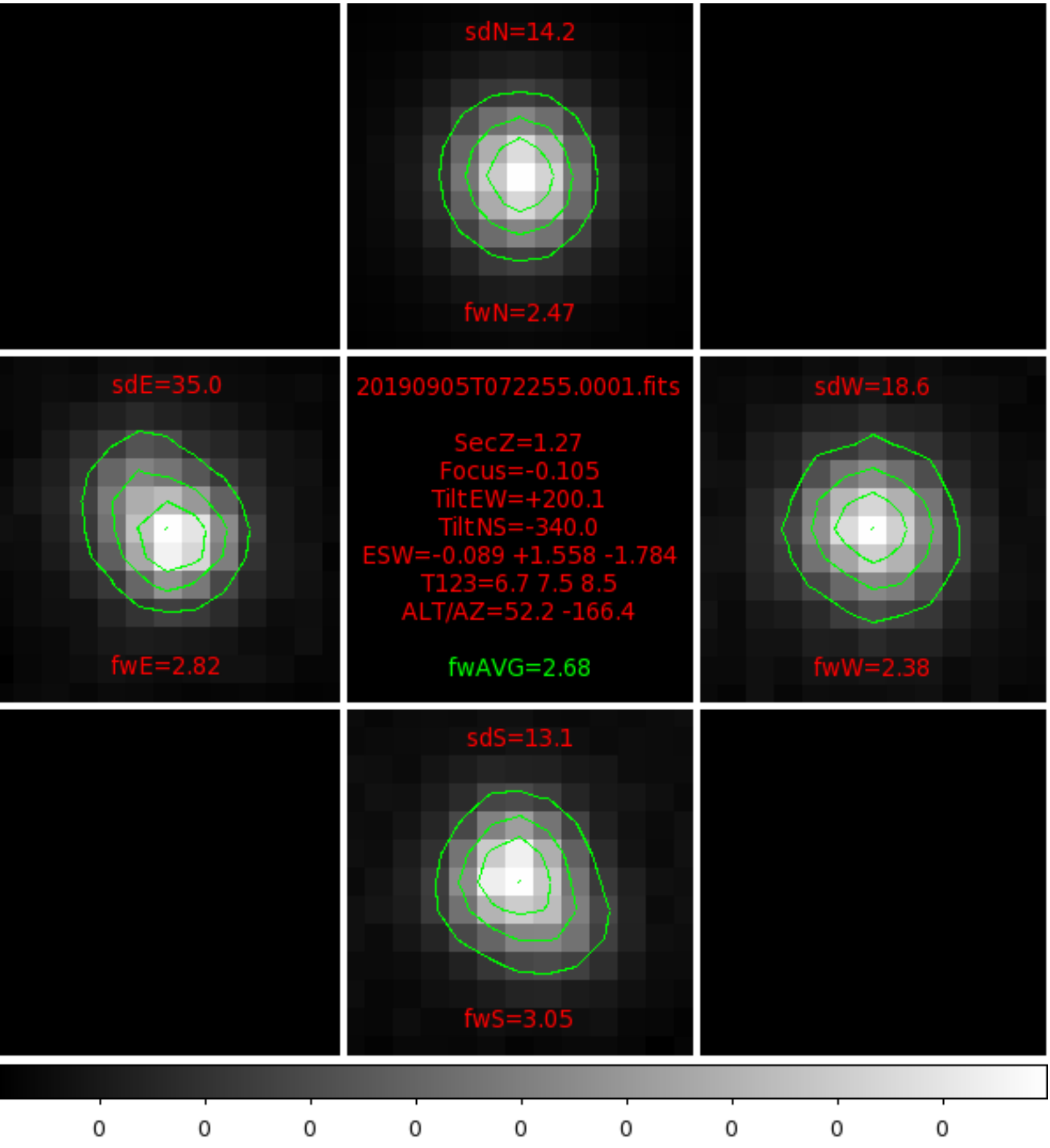
sdN=14.2
fwN=2.47
sdE=35.0
fwE=2.82
20190905T072255.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.7 7.5 8.5
ALT/AZ=52.2 -166.4
fwAVG=2.68
sdW=18.6
fwW=2.38
sdS=13.1
fwS=3.05
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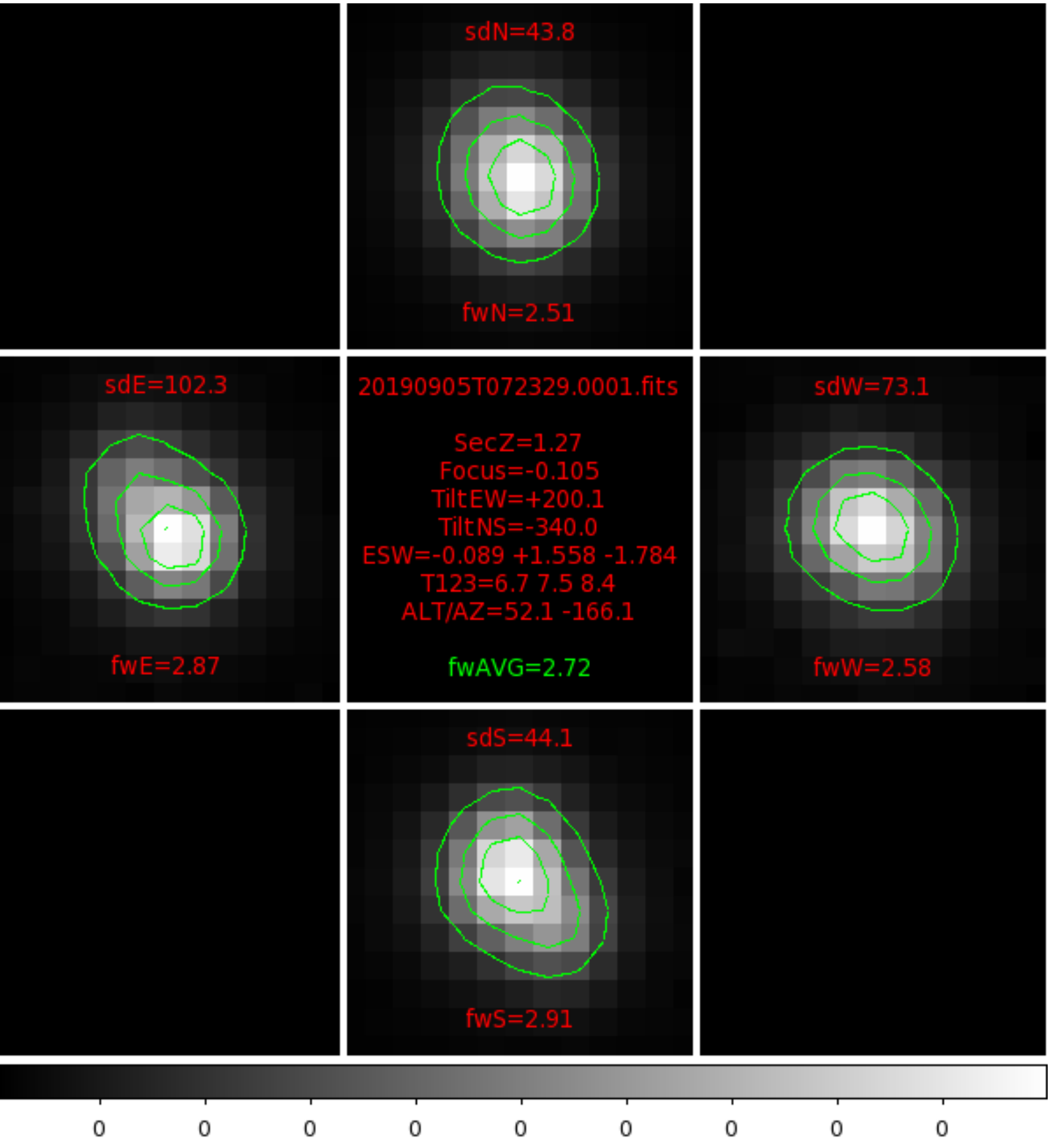
sdN=43.8
fwN=2.51
sdE=102.3
fwE=2.87
20190905T072329.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.7 7.5 8.4
ALT/AZ=52.1 -166.1
fwAVG=2.72
sdW=73.1
fwW=2.58
sdS=44.1
fwS=2.91
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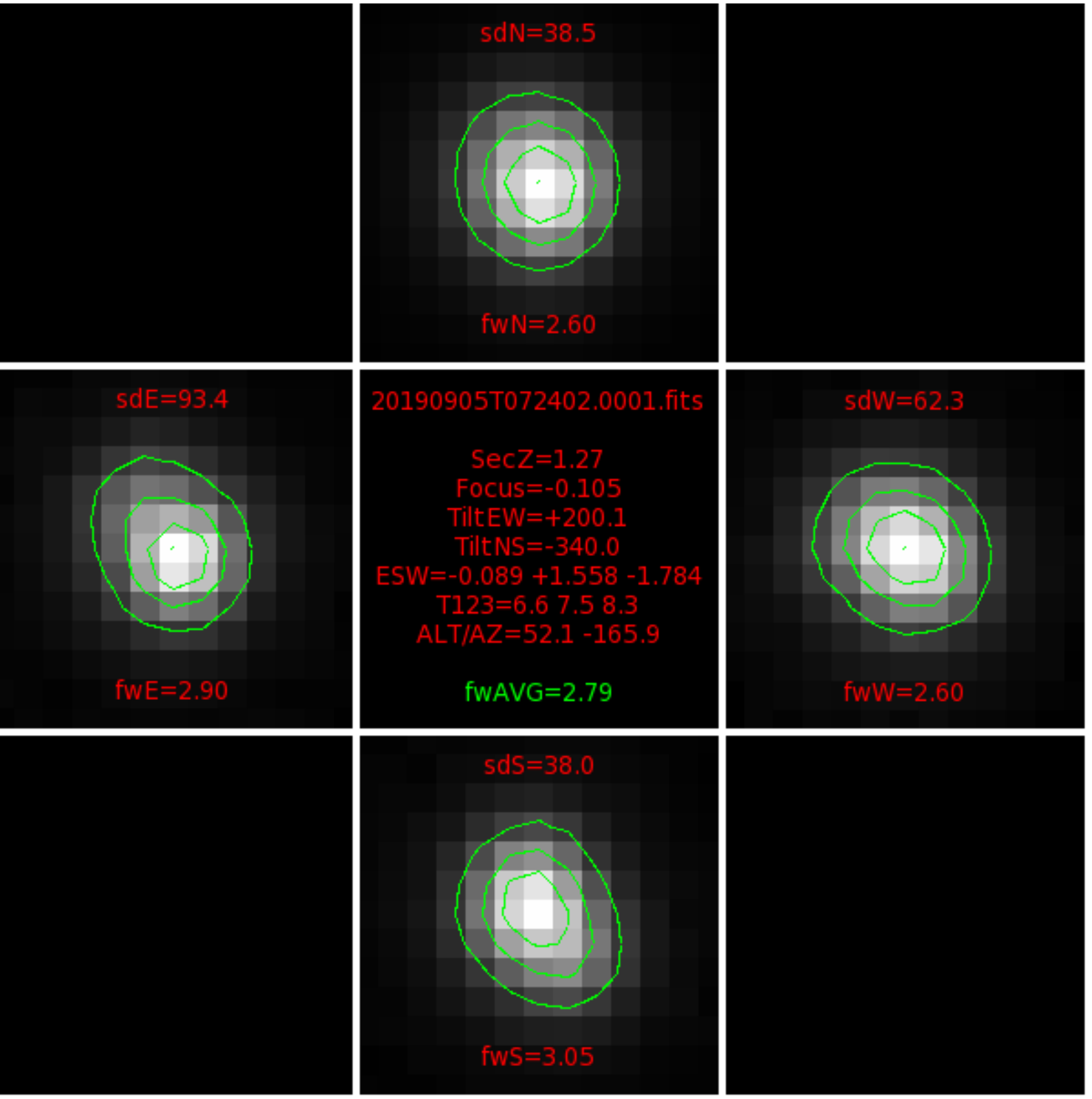
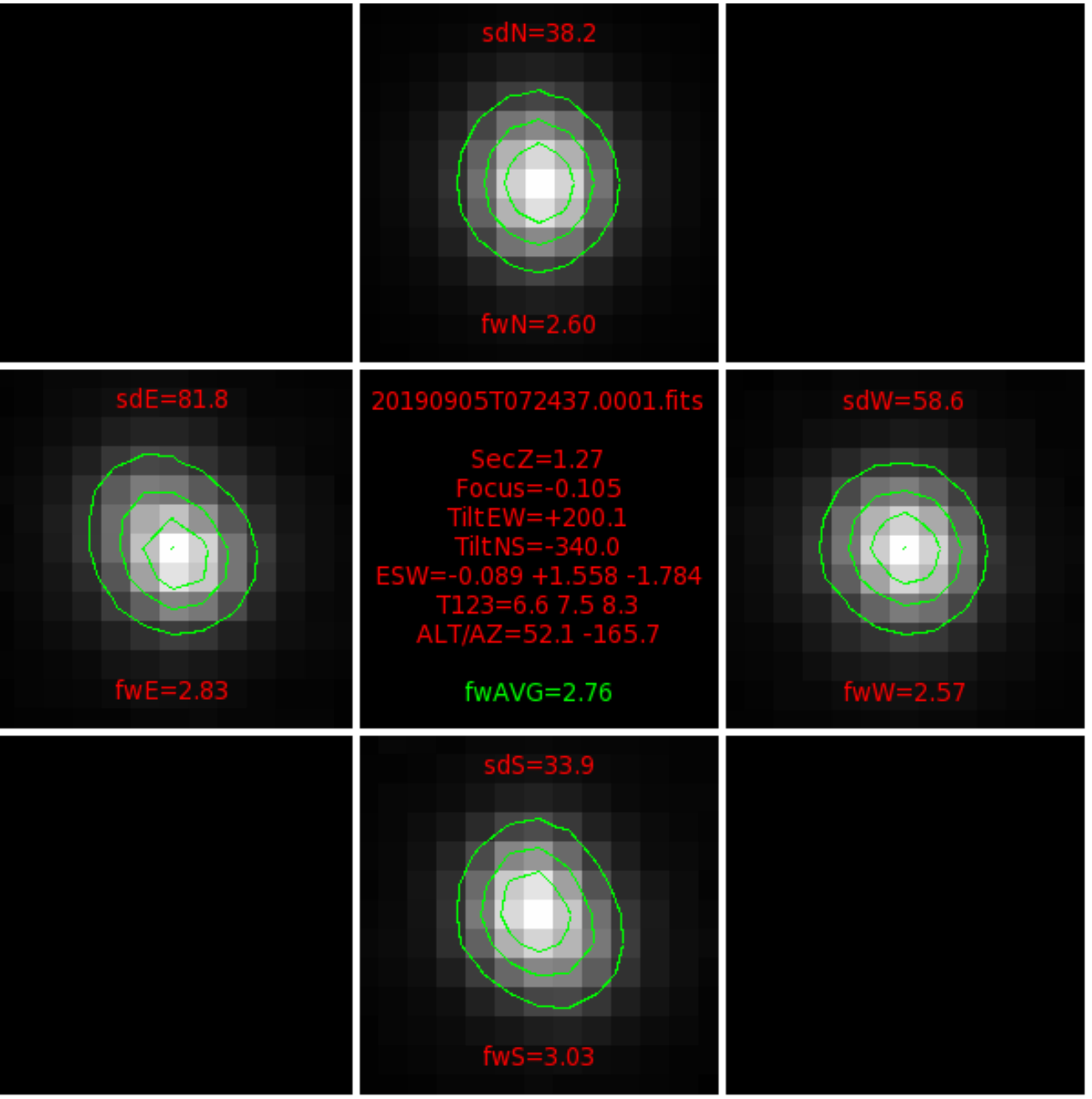

sdN=38.5
fwN=2.60
sdE=93.4
fwE=2.90
20190905T072402.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.6 7.5 8.3
ALT/AZ=52.1 -165.9
fwAVG=2.79
sdW=62.3
fwW=2.60
sdS=38.0
fwS=3.05
0 0 0 0 0 0 0 0 0


sdN=38.2
fwN=2.60
sdE=81.8
fwE=2.83
20190905T072437.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.6 7.5 8.3
ALT/AZ=52.1 -165.7
fwAVG=2.76
sdW=58.6
fwW=2.57
sdS=33.9
fwS=3.03
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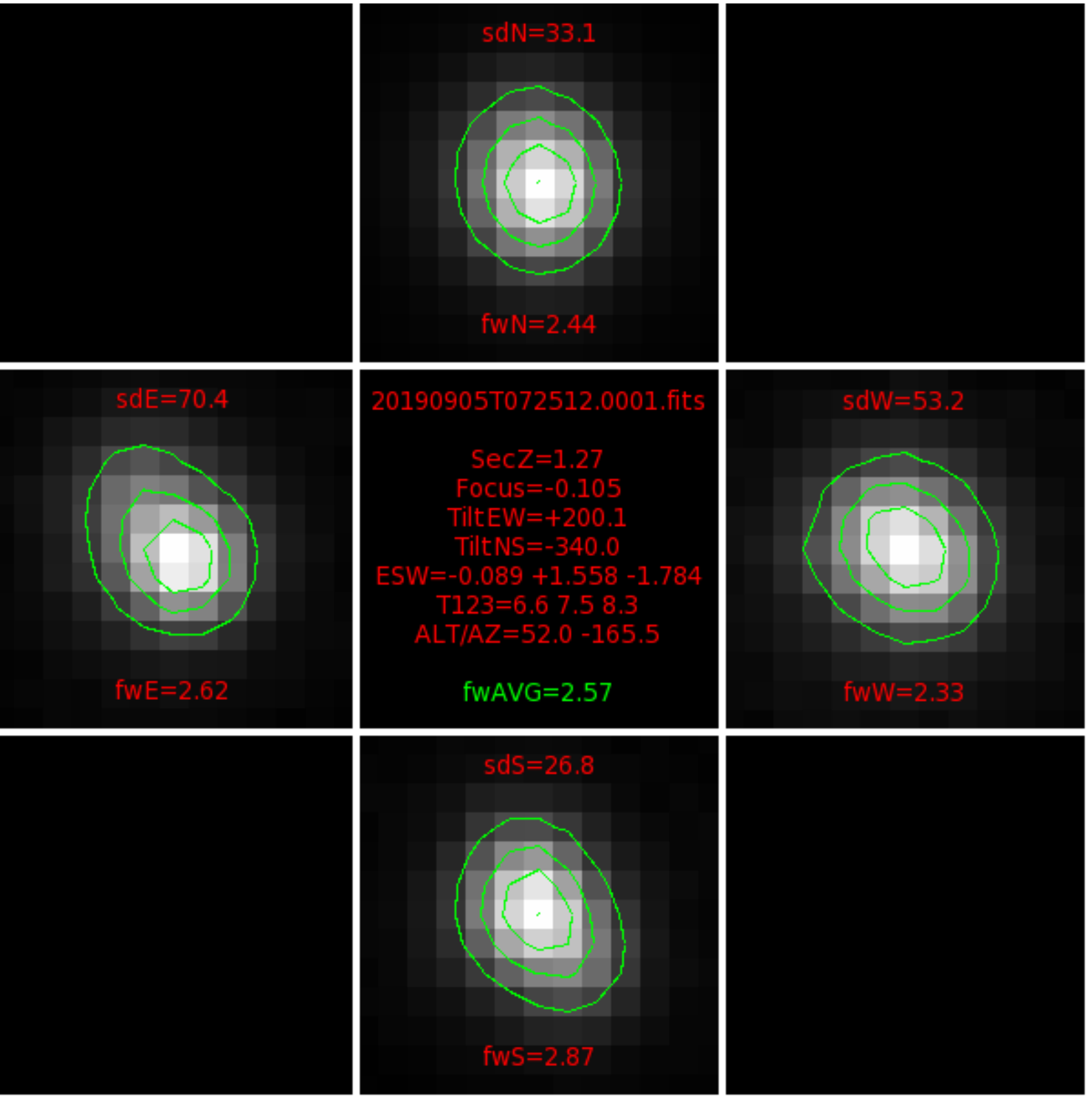
sdN=33.1
fwN=2.44
sdE=70.4
fwE=2.62
20190905T072512.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.6 7.5 8.3
ALT/AZ=52.0 -165.5
fwAVG=2.57
sdW=53.2
fwW=2.33
sdS=26.8
fwS=2.87
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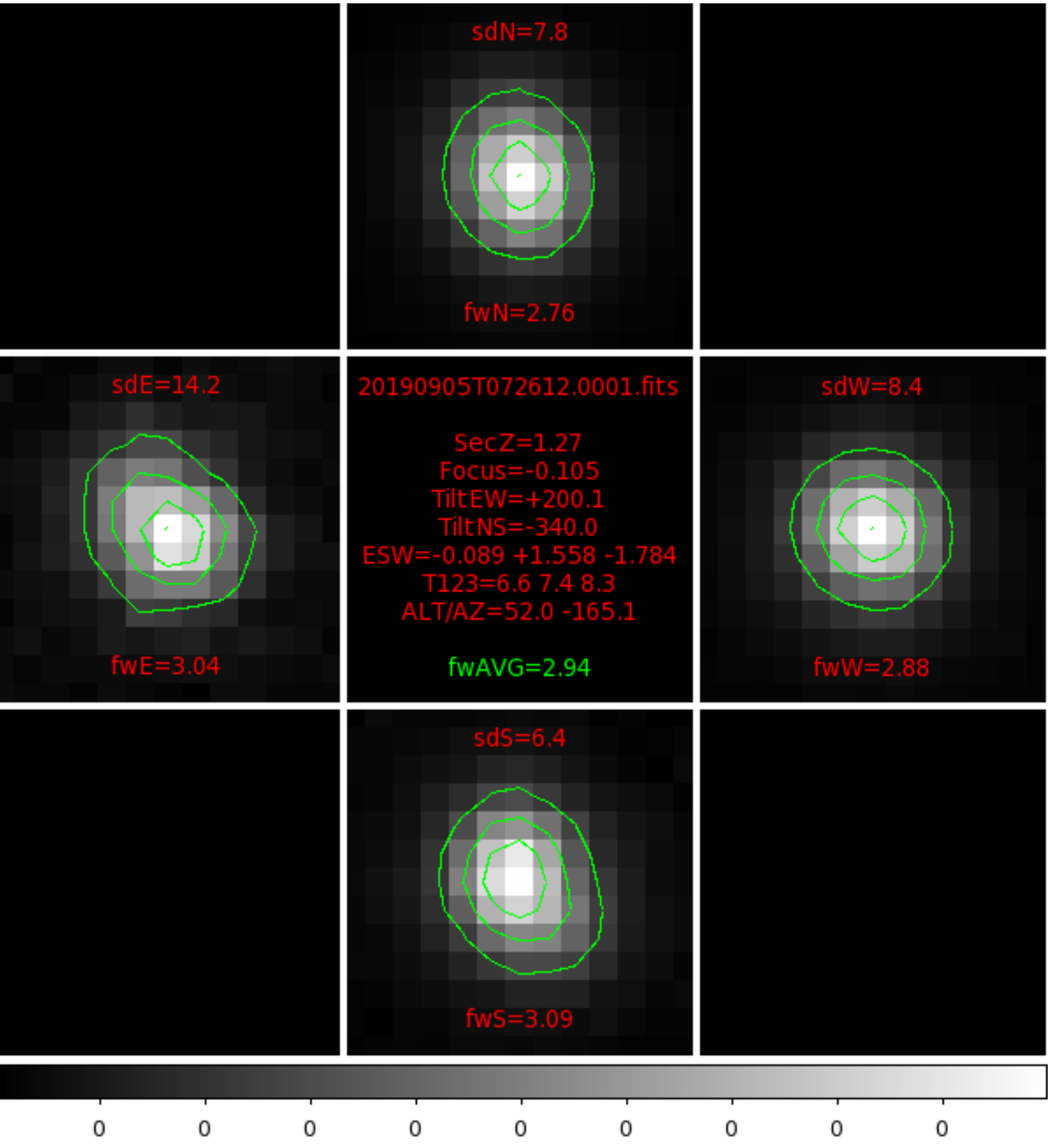
sdN=7.8
fwN=2.76
sdE=14.2
fwE=3.04
20190905T072612.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.6 7.4 8.3
ALT/AZ=52.0 -165.1
fwAVG=2.94
sdW=8.4
fwW=2.88
sdS=6.4
fwS=3.09
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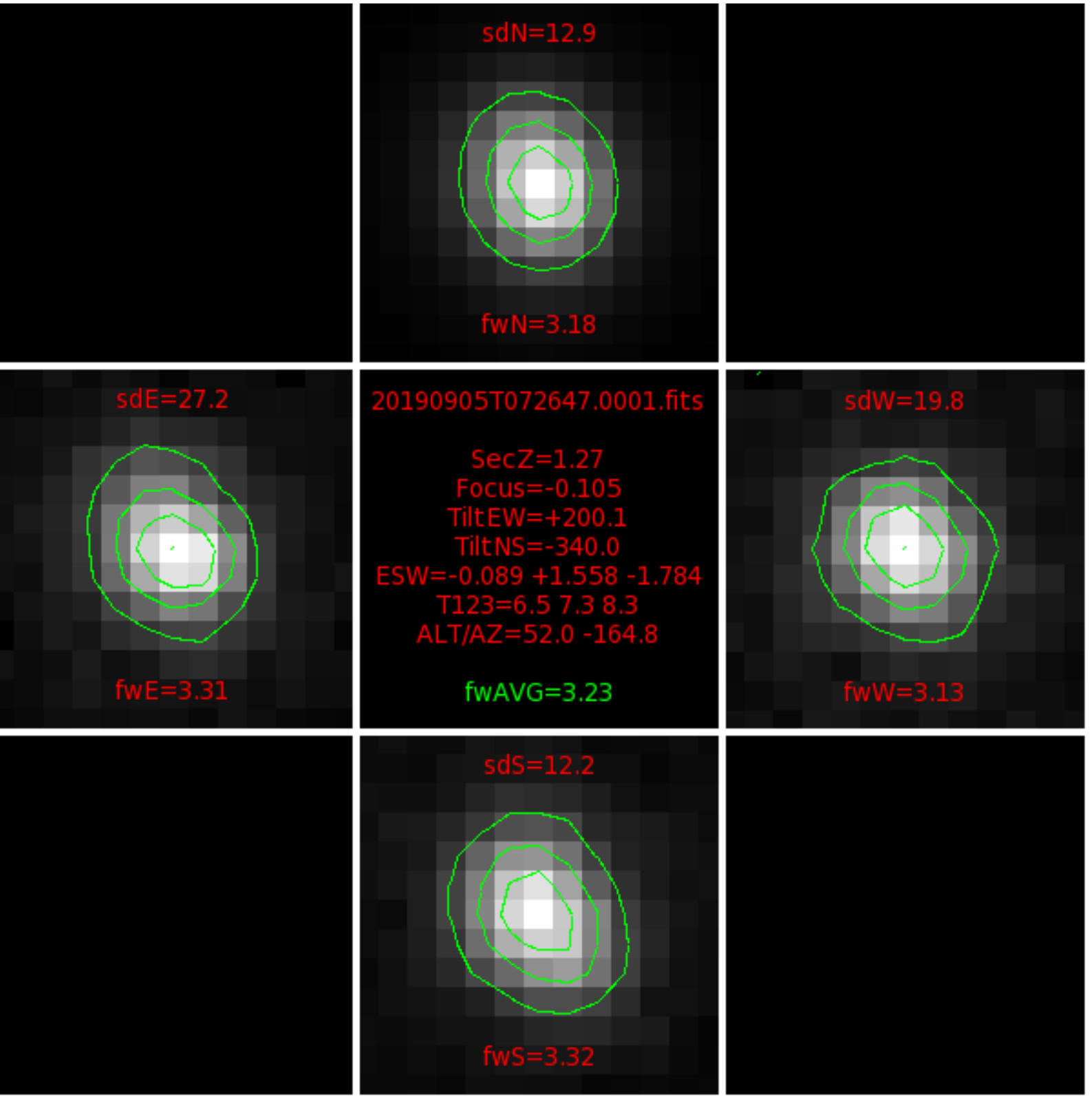
sdN=12.9
fwN=3.18
sdE=27.2
fwE=3.31
20190905T072647.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.5 7.3 8.3
ALT/AZ=52.0 -164.8
fwAVG=3.23
sdW=19.8
fwW=3.13
sdS=12.2
fwS=3.32
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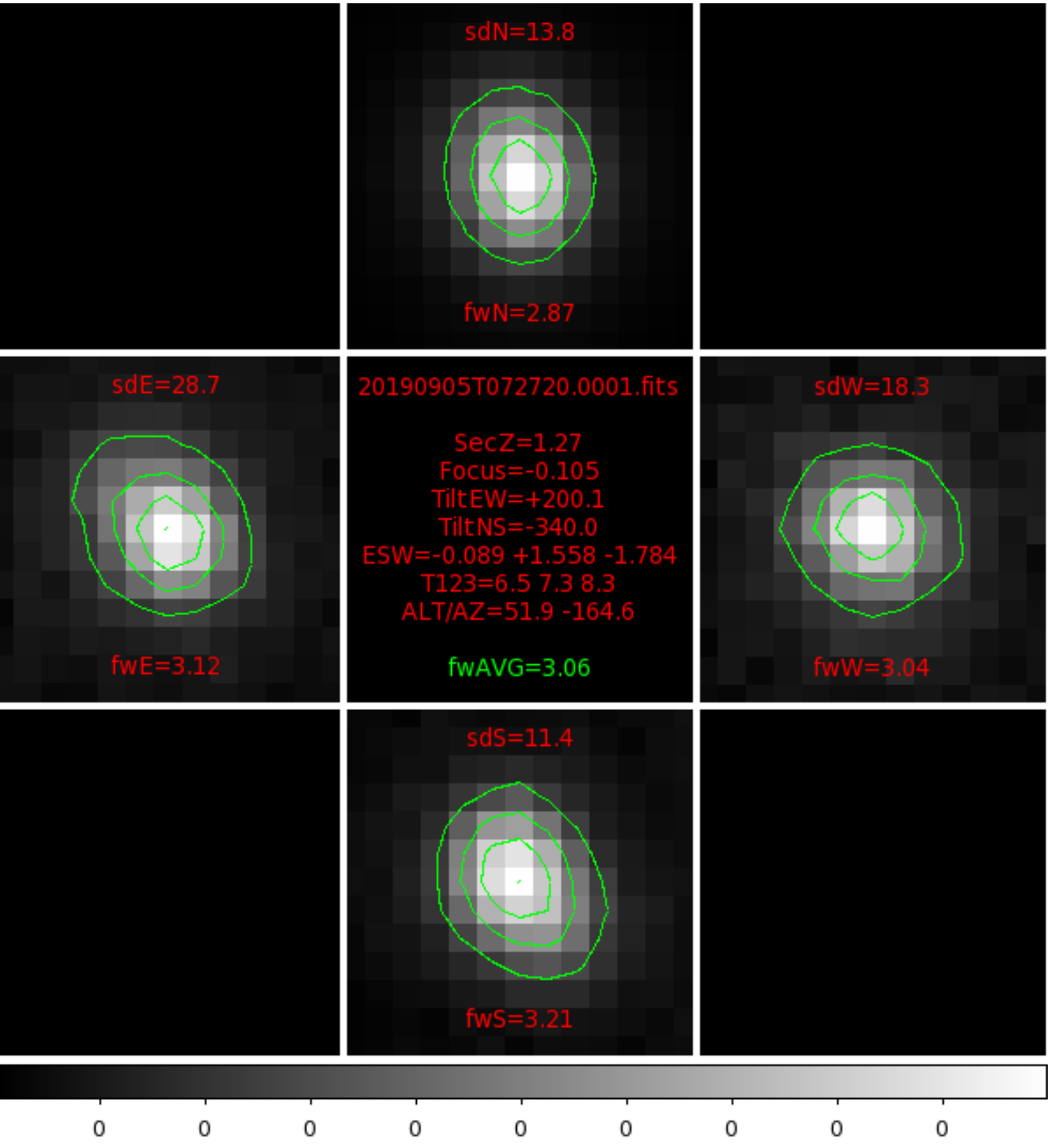
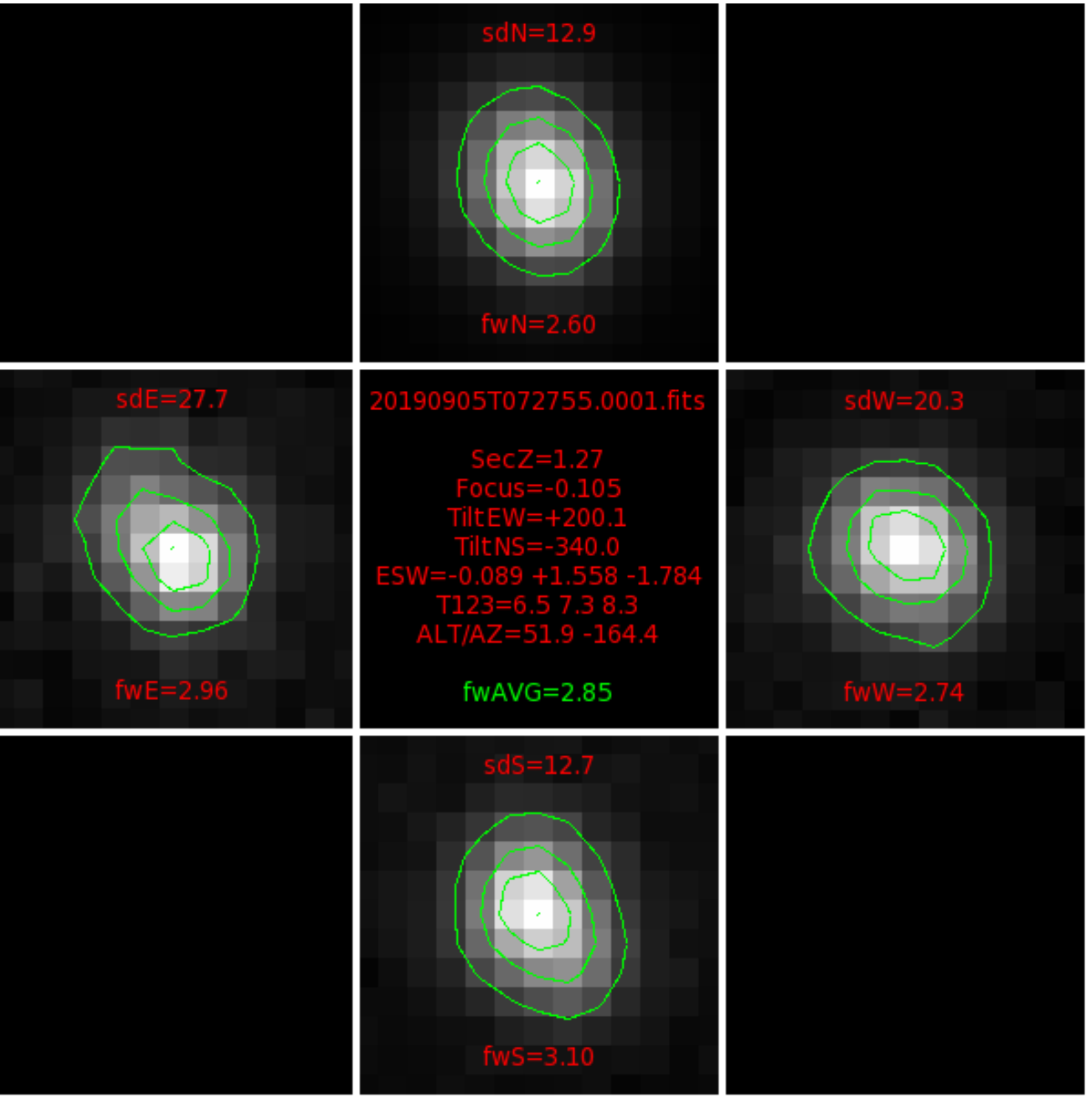

sdN=13.8
fwN=2.87
sdE=28.7
fwE=3.12
20190905T072720.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.5 7.3 8.3
ALT/AZ=51.9 -164.6
fwAVG=3.06
sdW=18.3
fwW=3.04
sdS=11.4
fwS=3.21
0 0 0 0 0 0 0 0 0


sdN=12.9
fwN=2.60
sdE=27.7
fwE=2.96
20190905T072755.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.5 7.3 8.3
ALT/AZ=51.9 -164.4
fwAVG=2.85
sdW=20.3
fwW=2.74
sdS=12.7
fwS=3.10
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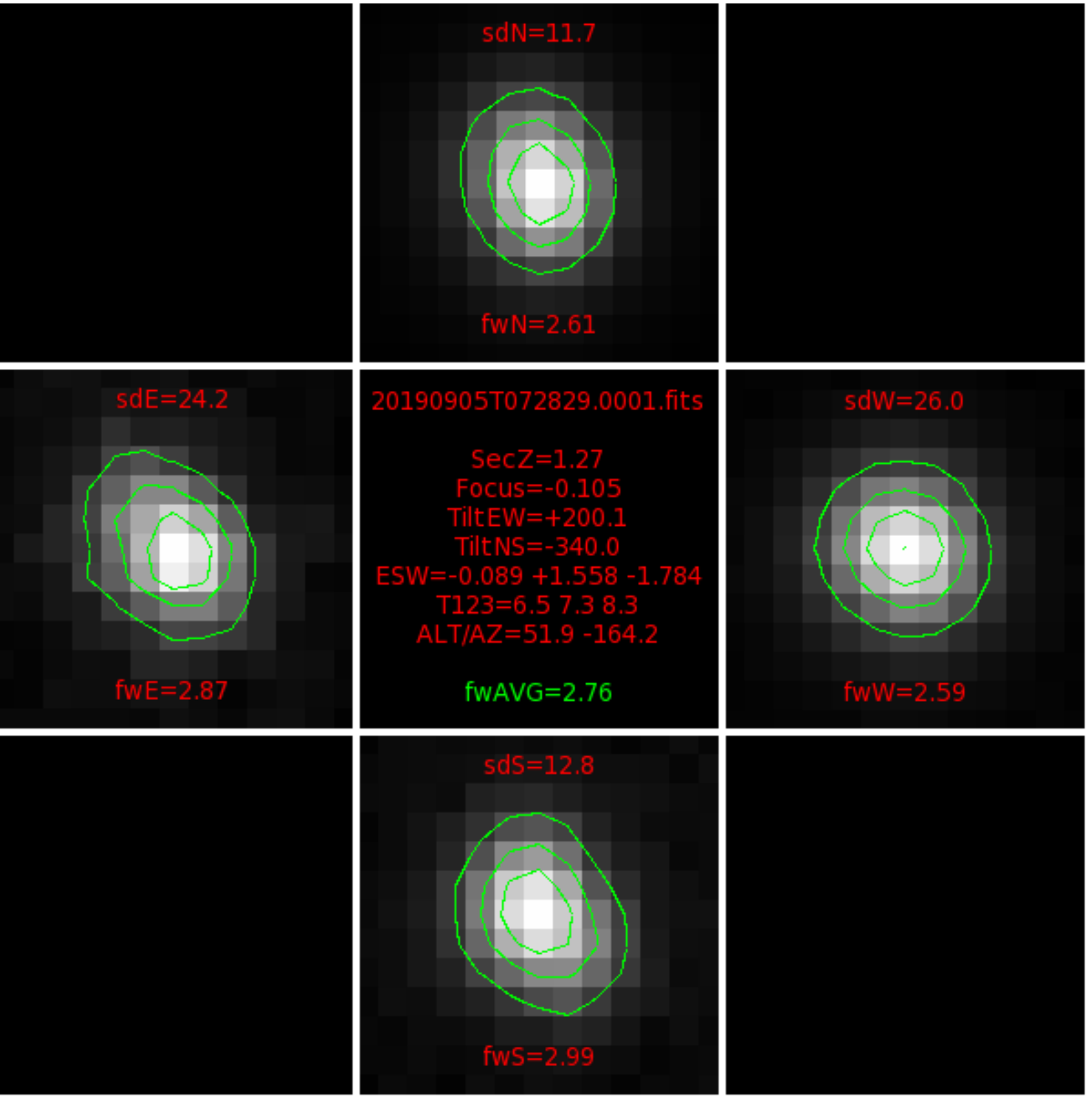
sdN=11.7
fwN=2.61
sdE=24.2
fwE=2.87
20190905T072829.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.5 7.3 8.3
ALT/AZ=51.9 -164.2
fwAVG=2.76
sdW=26.0
fwW=2.59
sdS=12.8
fwS=2.99
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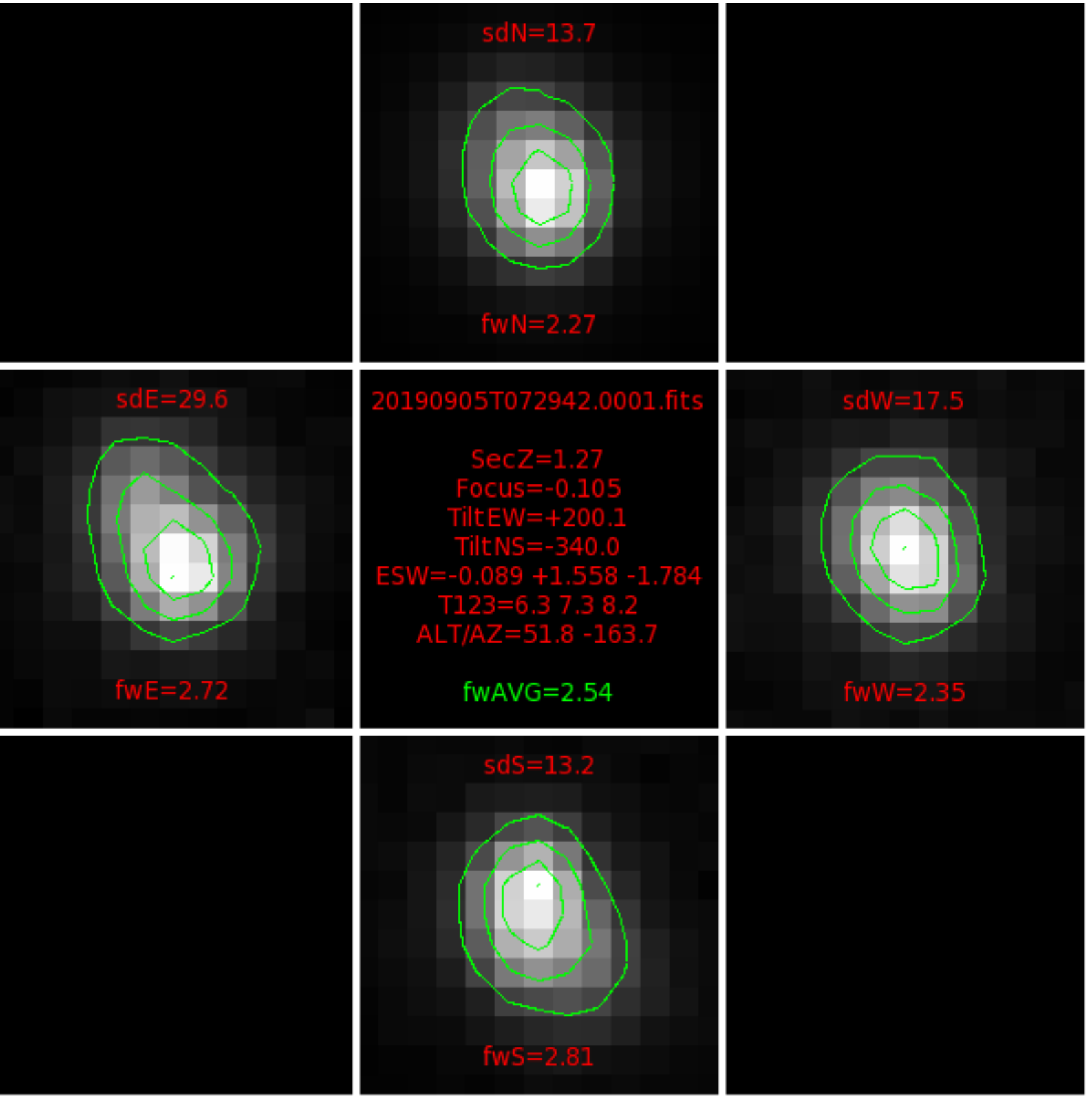
sdN=13.7
fwN=2.27
sdE=29.6
fwE=2.72
20190905T072942.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.3 7.3 8.2
ALT/AZ=51.8 -163.7
fwAVG=2.54
sdW=17.5
fwW=2.35
sdS=13.2
fwS=2.81
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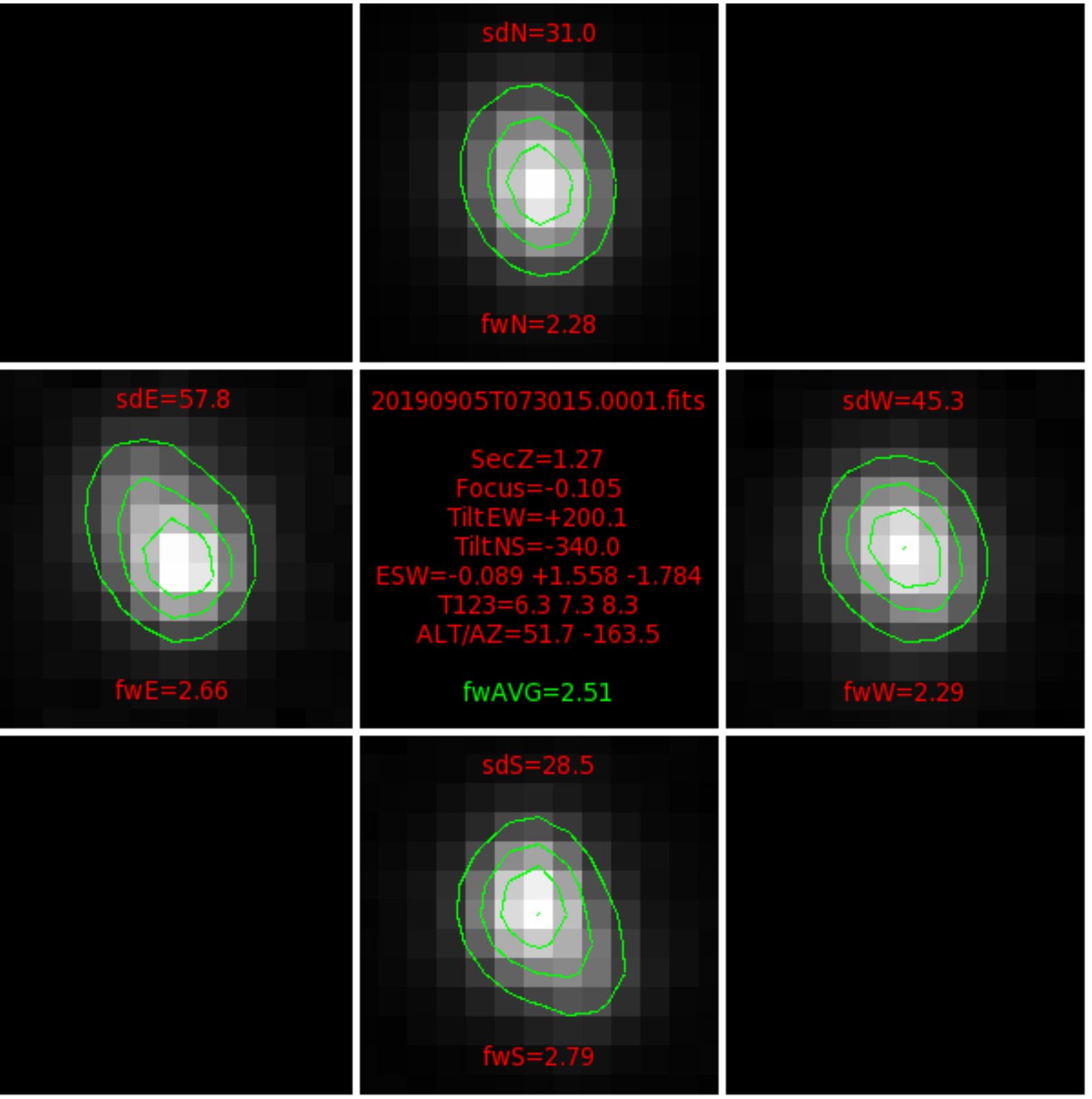
sdN=31.0
fwN=2.28
sdE=57.8
fwE=2.66
20190905T073015.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.3 7.3 8.3
ALT/AZ=51.7 -163.5
fwAVG=2.51
sdW=45.3
fwW=2.29
sdS=28.5
fwS=2.79
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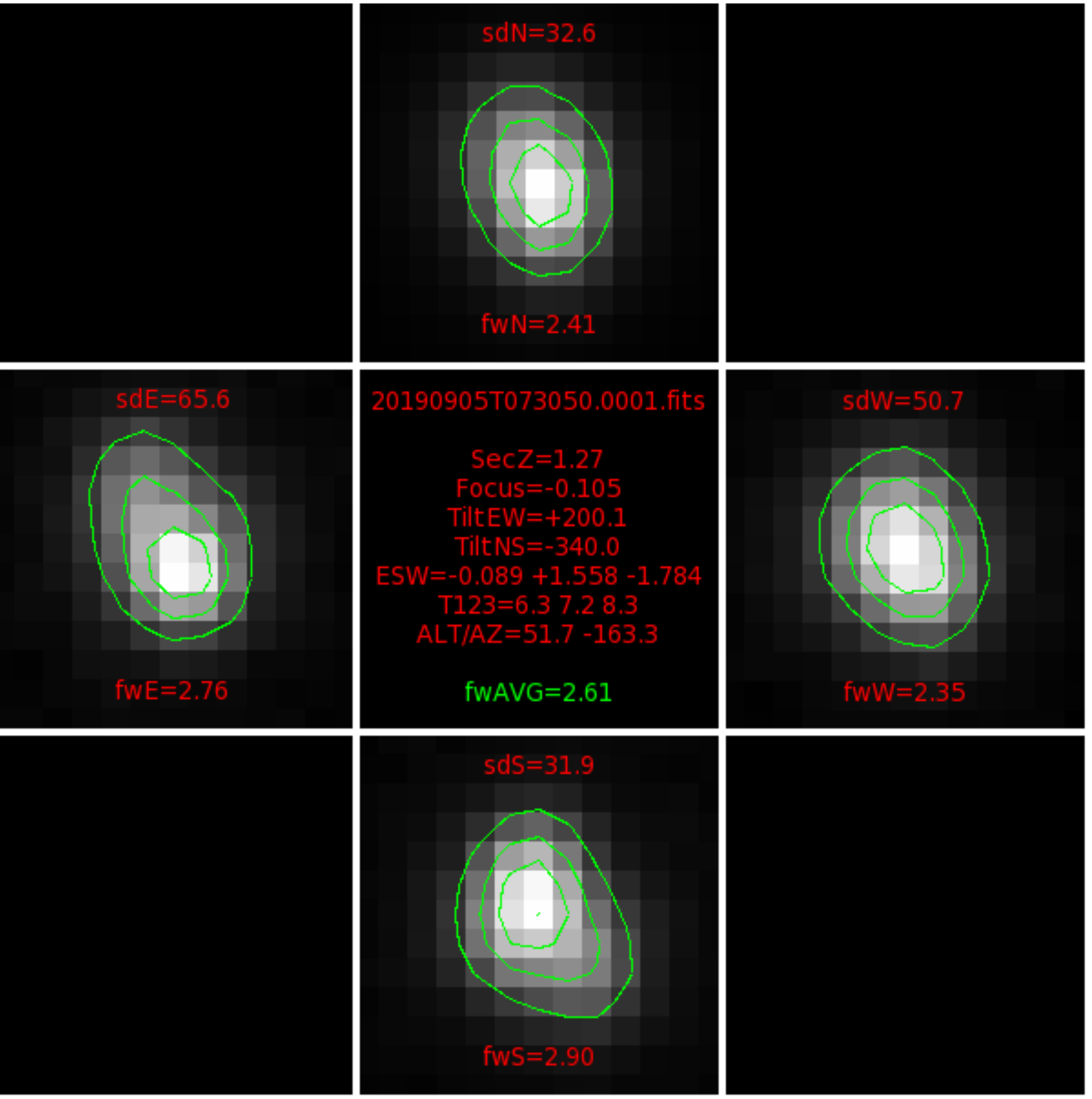
sdN=32.6
fwN=2.41
sdE=65.6
fwE=2.76
20190905T073050.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.3 7.2 8.3
ALT/AZ=51.7 -163.3
fwAVG=2.61
sdW=50.7
fwW=2.35
sdS=31.9
fwS=2.90
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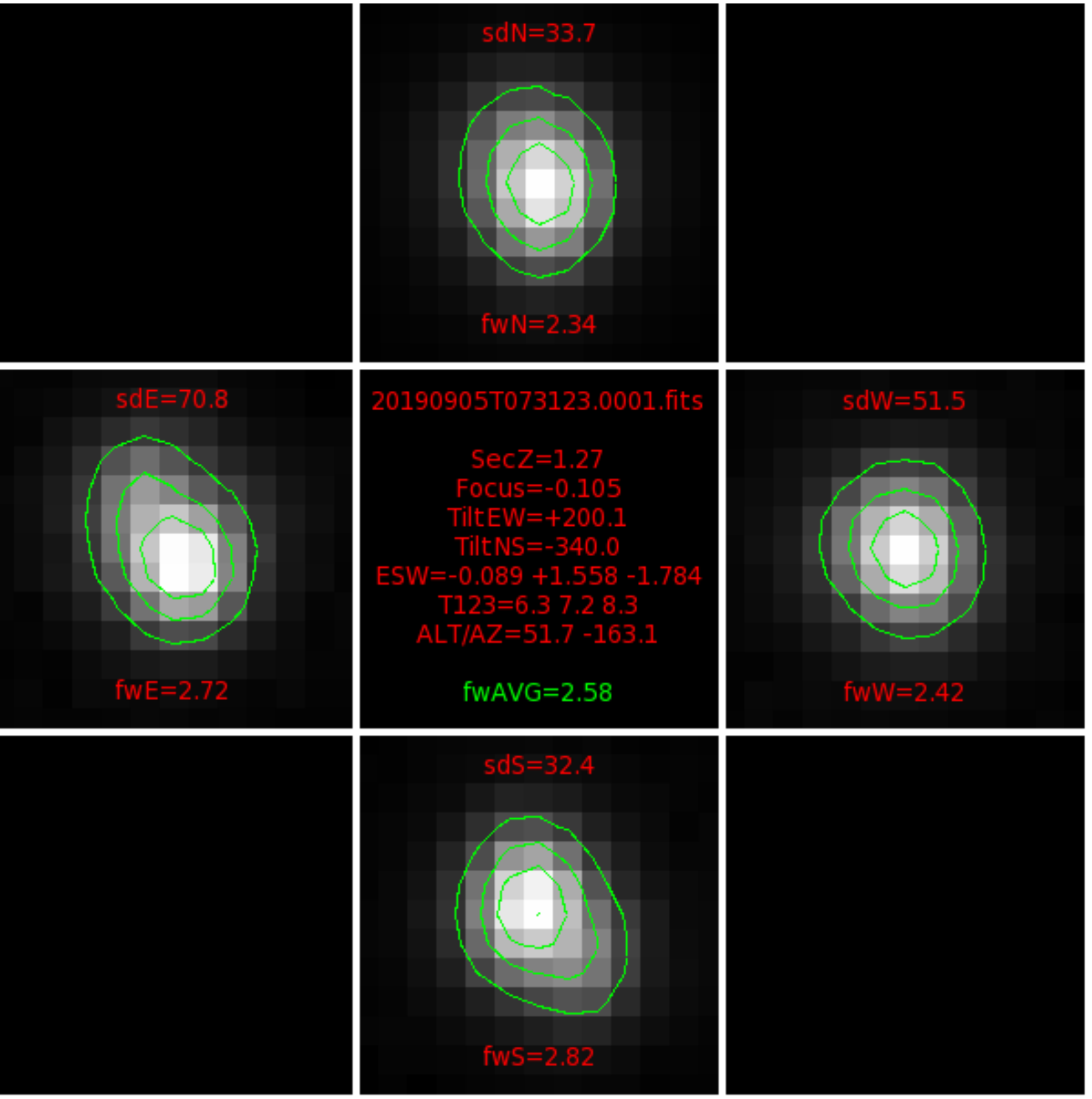
sdN=33.7
fwN=2.34
sdE=70.8
fwE=2.72
20190905T073123.0001.fits
SecZ=1.27
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.3 7.2 8.3
ALT/AZ=51.7 -163.1
fwAVG=2.58
sdW=51.5
fwW=2.42
sdS=32.4
fwS=2.82
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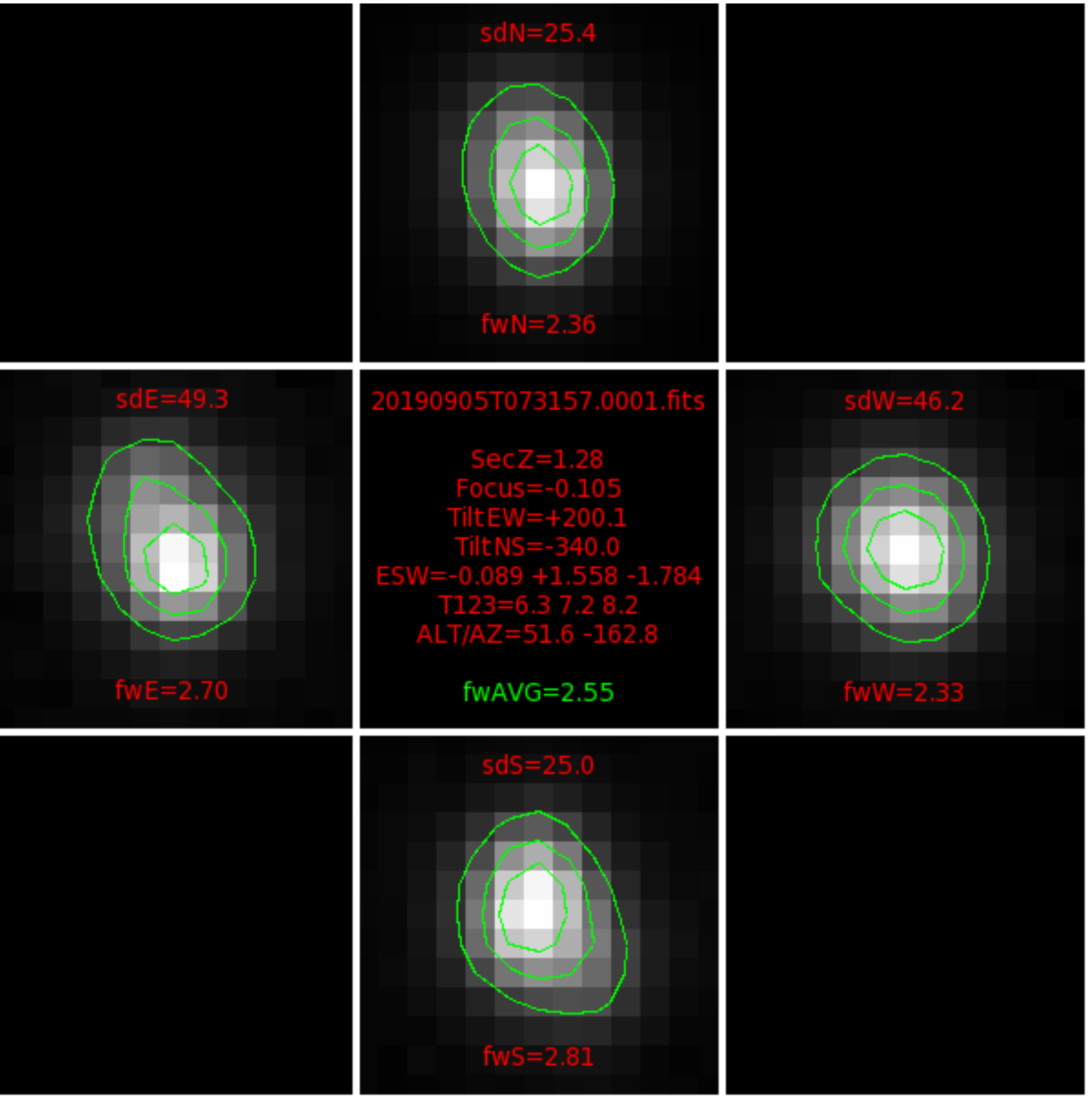
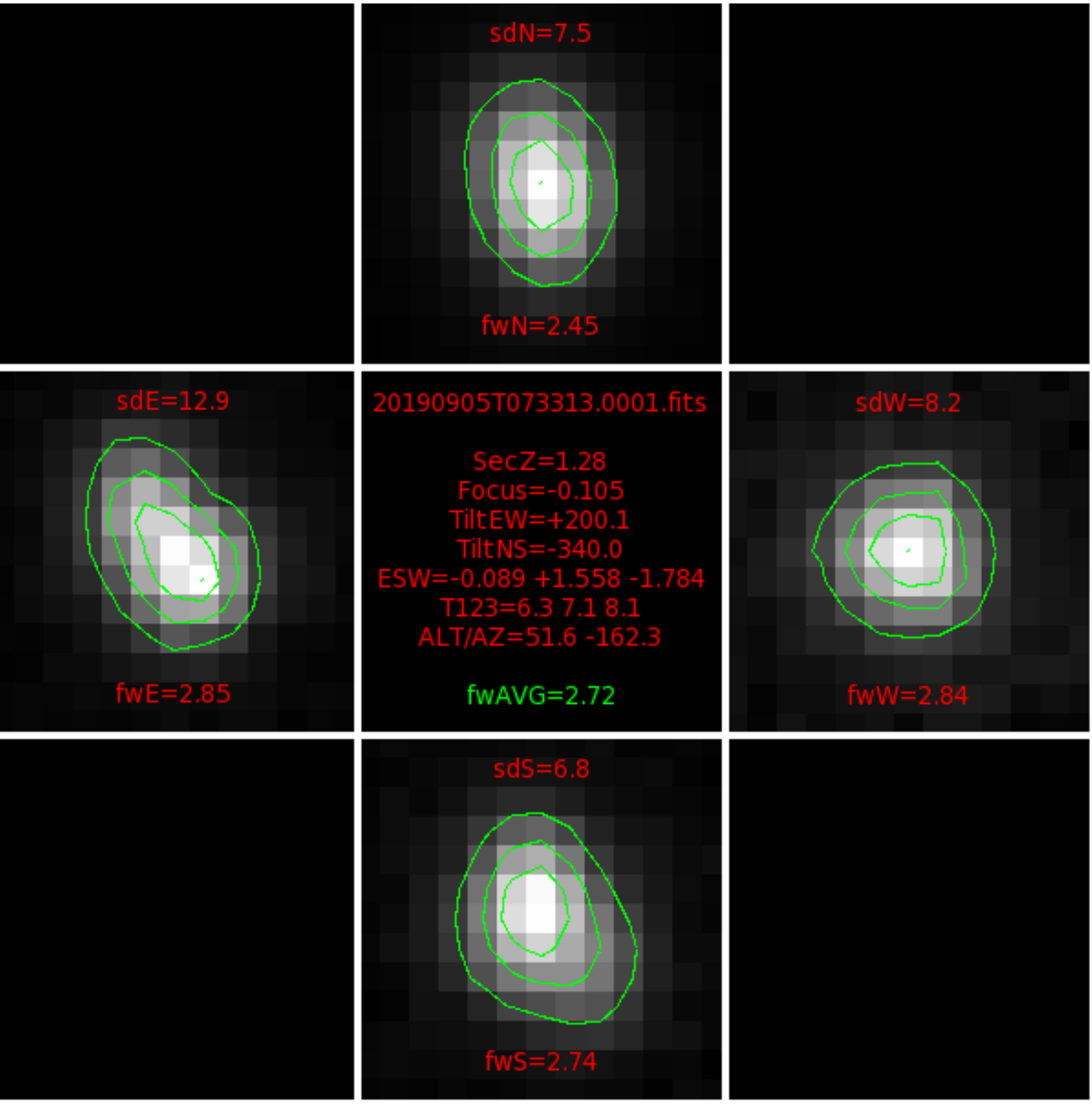

sdN=25.4
fwN=2.36
sdE=49.3
fwE=2.70
20190905T073157.0001.fits
SecZ=1.28
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.3 7.2 8.2
ALT/AZ=51.6 -162.8
fwAVG=2.55
sdW=46.2
fwW=2.33
sdS=25.0
fwS=2.81
0 0 0 0 0 0 0 0 0


sdN=7.5
fwN=2.45
sdE=12.9
fwE=2.85
20190905T073313.0001.fits
SecZ=1.28
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.3 7.1 8.1
ALT/AZ=51.6 -162.3
fwAVG=2.72
sdW=8.2
fwW=2.84
sdS=6.8
fwS=2.74
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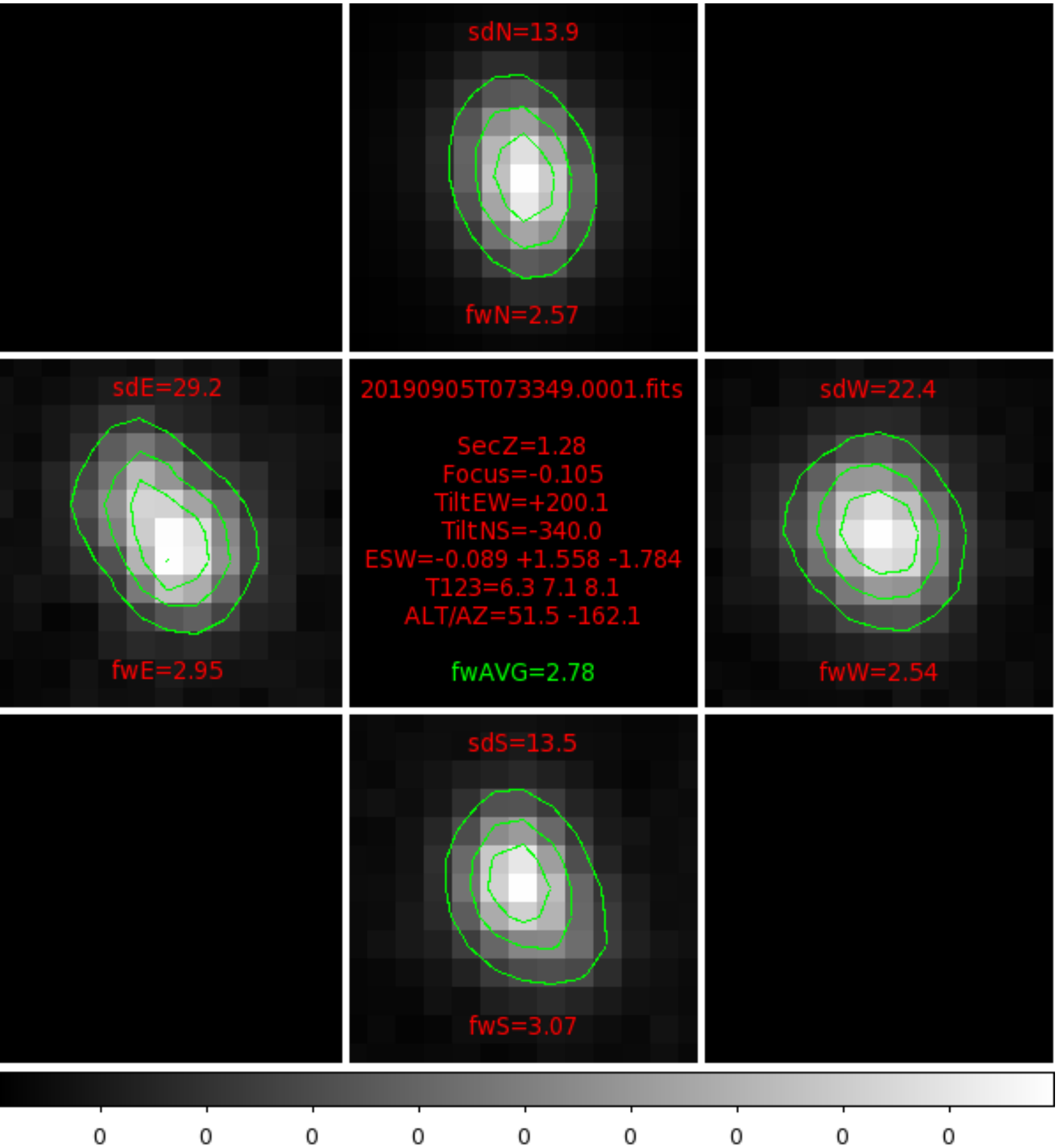
sdN=13.9
fwN=2.57
sdE=29.2
fwE=2.95
20190905T073349.0001.fits
SecZ=1.28
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.3 7.1 8.1
ALT/AZ=51.5 -162.1
fwAVG=2.78
sdW=22.4
fwW=2.54
sdS=13.5
fwS=3.07
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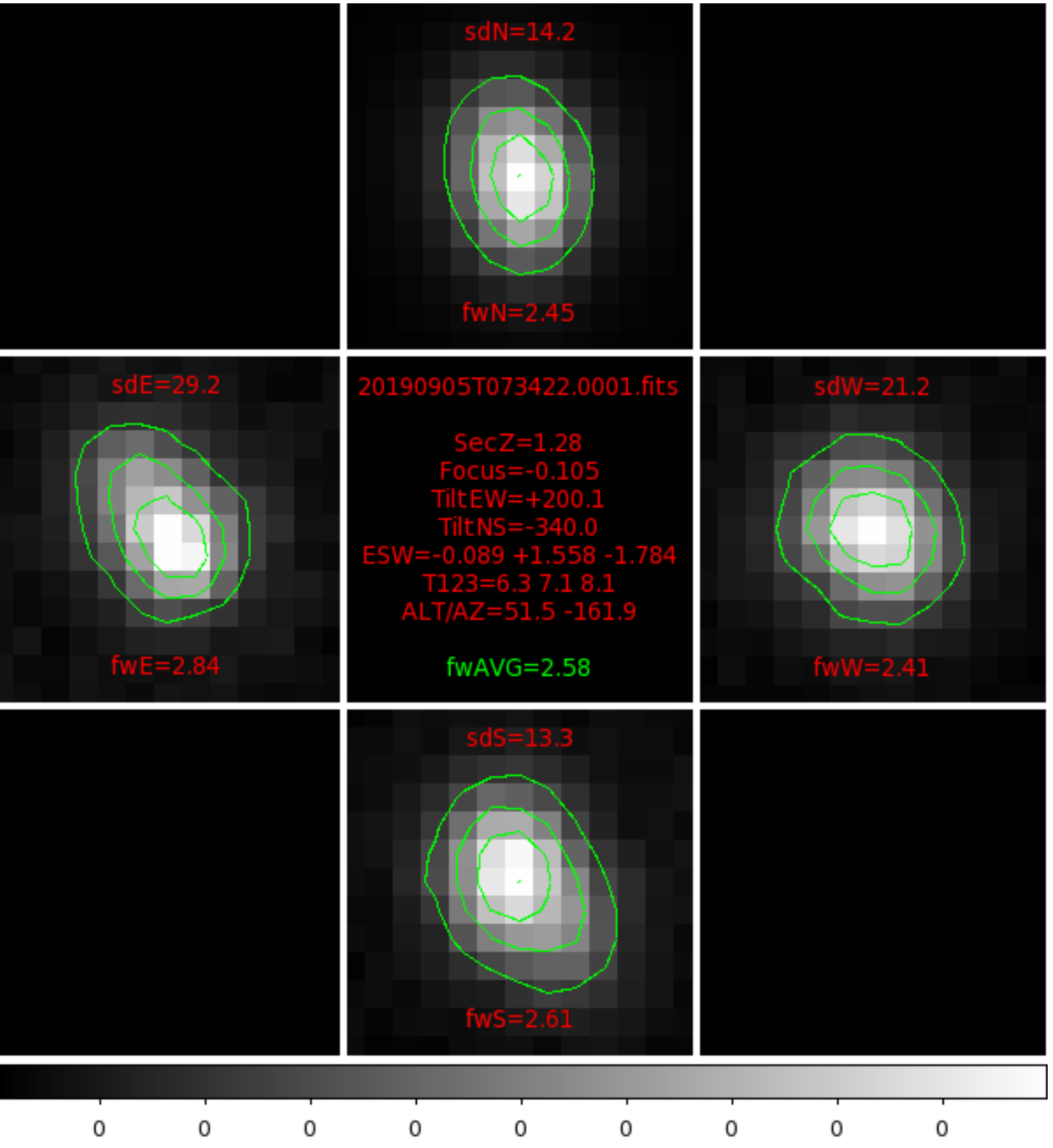
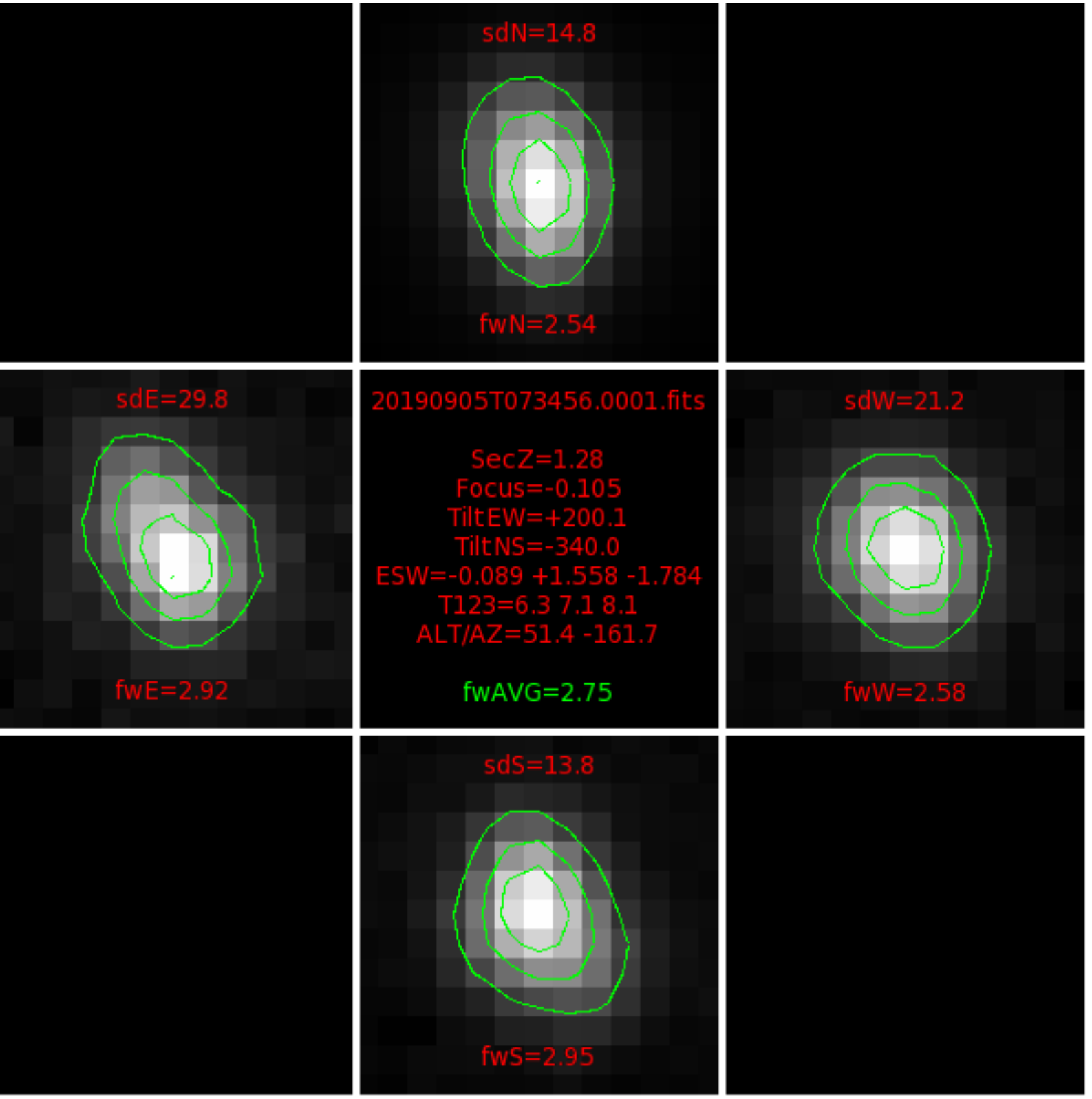
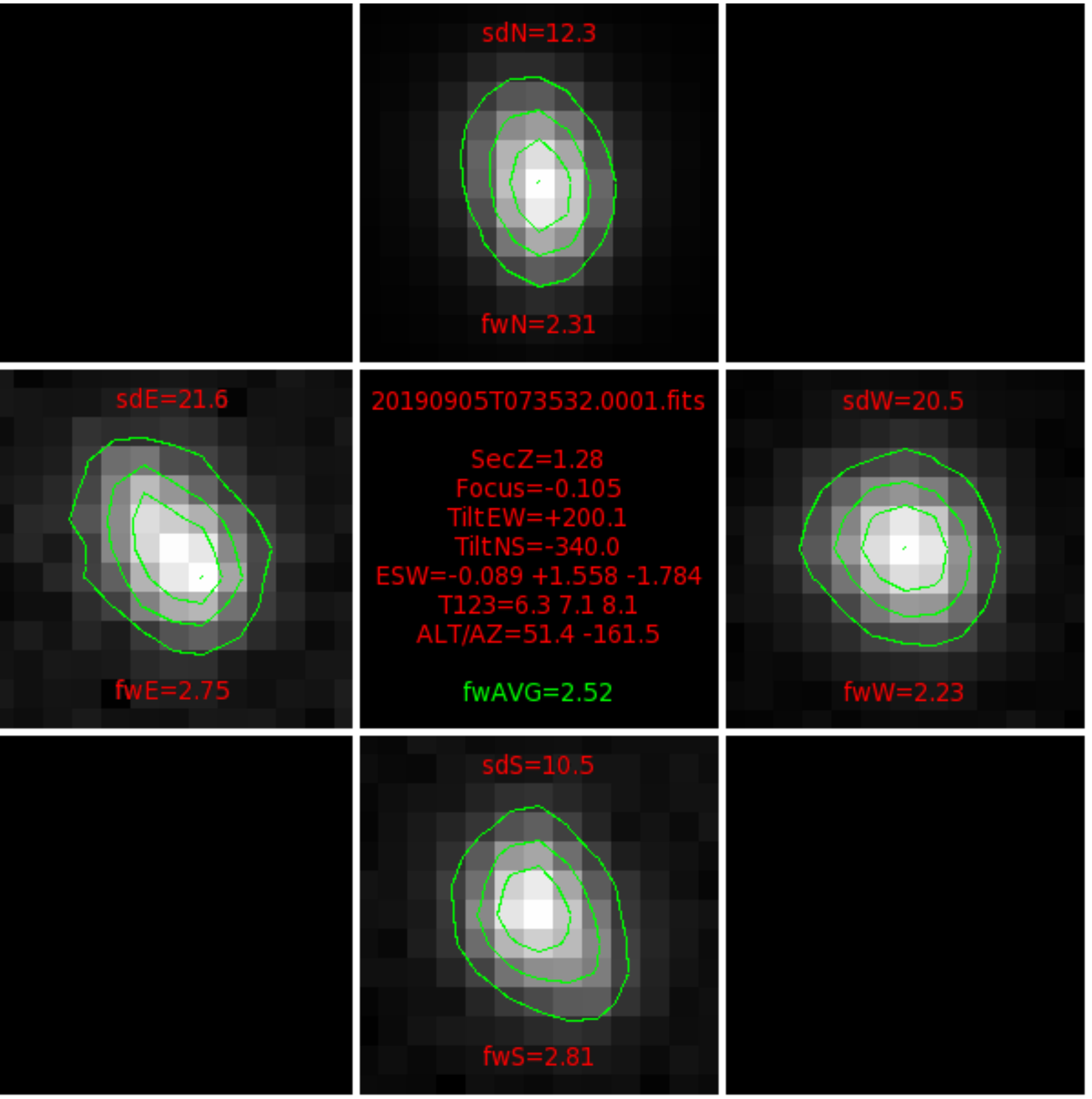
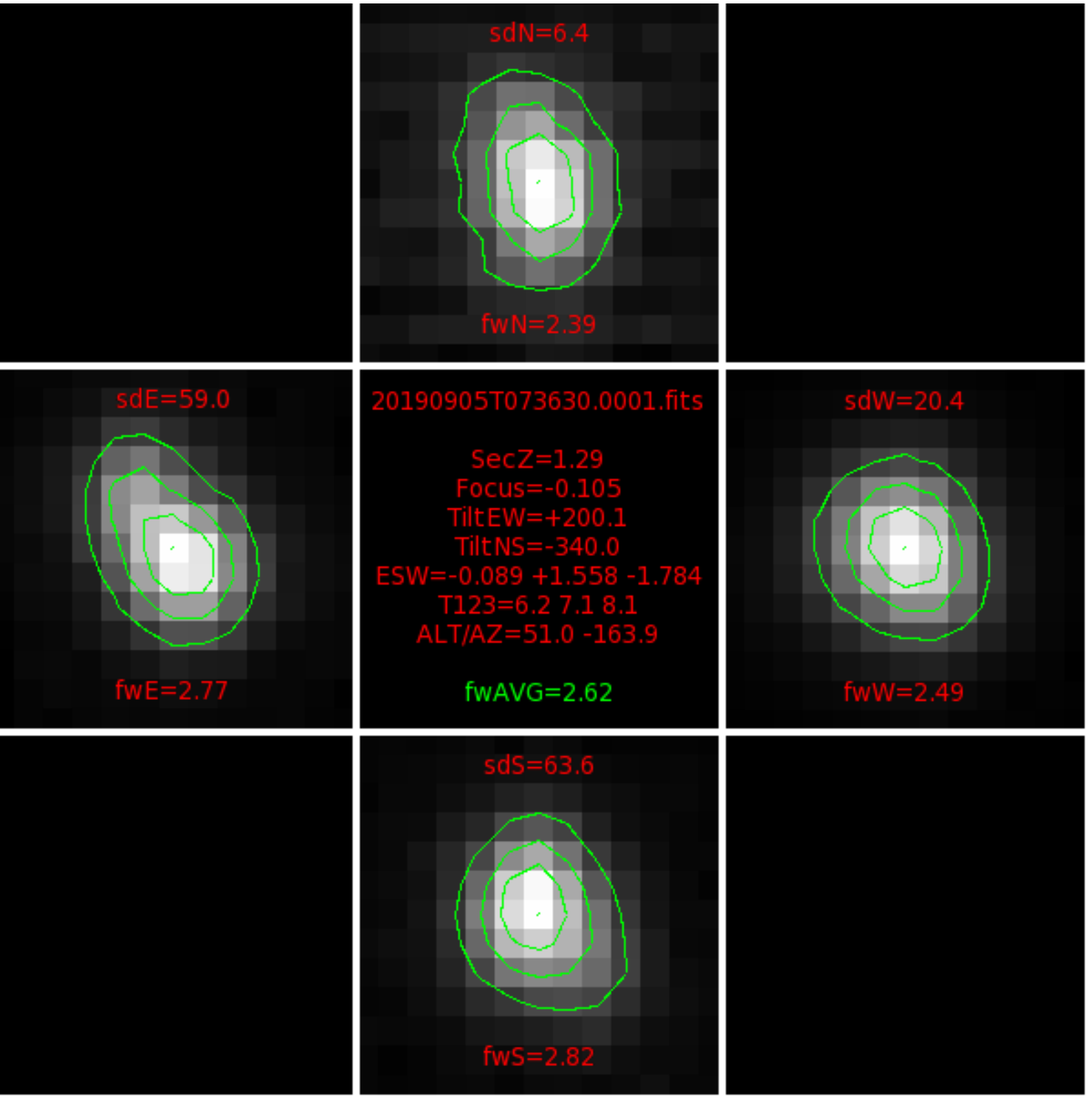

sdN=14.2
fwN=2.45
sdE=29.2
fwE=2.84
20190905T073422.0001.fits
SecZ=1.28
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.3 7.1 8.1
ALT/AZ=51.5 -161.9
fwAVG=2.58
sdW=21.2
fwW=2.41
sdS=13.3
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=14.8
fwN=2.54
sdE=29.8
fwE=2.92
20190905T073456.0001.fits
SecZ=1.28
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.3 7.1 8.1
ALT/AZ=51.4 -161.7
fwAVG=2.75
sdW=21.2
fwW=2.58
sdS=13.8
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=12.3
fwN=2.31
sdE=21.6
fwE=2.75
20190905T073532.0001.fits
SecZ=1.28
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.3 7.1 8.1
ALT/AZ=51.4 -161.5
fwAVG=2.52
sdW=20.5
fwW=2.23
sdS=10.5
fwS=2.81
0 0 0 0 0 0 0 0 0


sdN=6.4
fwN=2.39
sdE=59.0
fwE=2.77
20190905T073630.0001.fits
SecZ=1.29
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.2 7.1 8.1
ALT/AZ=51.0 -163.9
fwAVG=2.62
sdW=20.4
fwW=2.49
sdS=63.6
fwS=2.82
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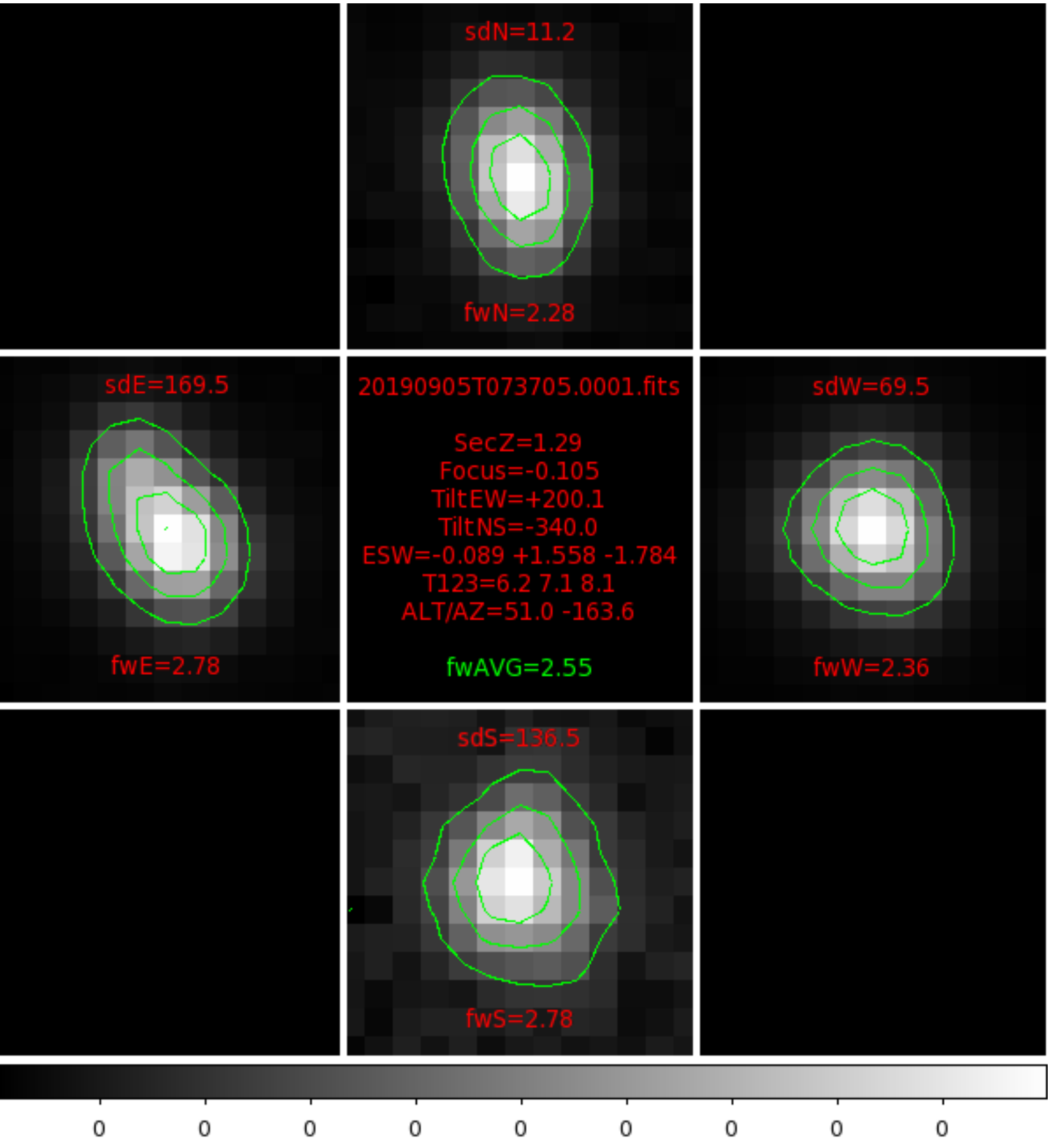
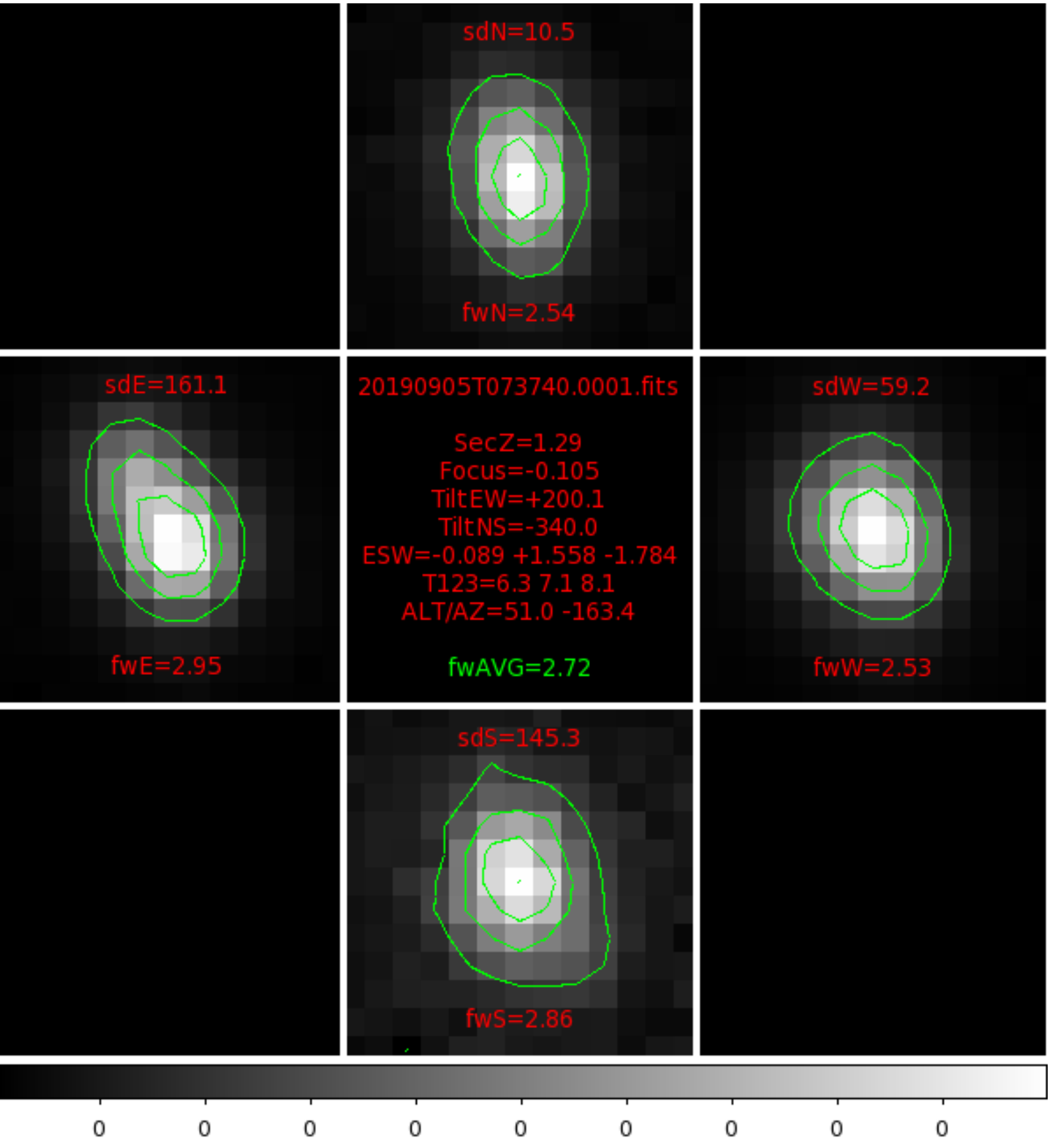

sdN=11.2
fwN=2.28
sdE=169.5
fwE=2.78
20190905T073705.0001.fits
SecZ=1.29
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.2 7.1 8.1
ALT/AZ=51.0 -163.6
fwAVG=2.55
sdW=69.5
fwW=2.36
sdS=136.5
fwS=2.78
0 0 0 0 0 0 0 0 0


sdN=10.5
fwN=2.54
sdE=161.1
fwE=2.95
20190905T073740.0001.fits
SecZ=1.29
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.3 7.1 8.1
ALT/AZ=51.0 -163.4
fwAVG=2.72
sdW=59.2
fwW=2.53
sdS=145.3
fwS=2.86
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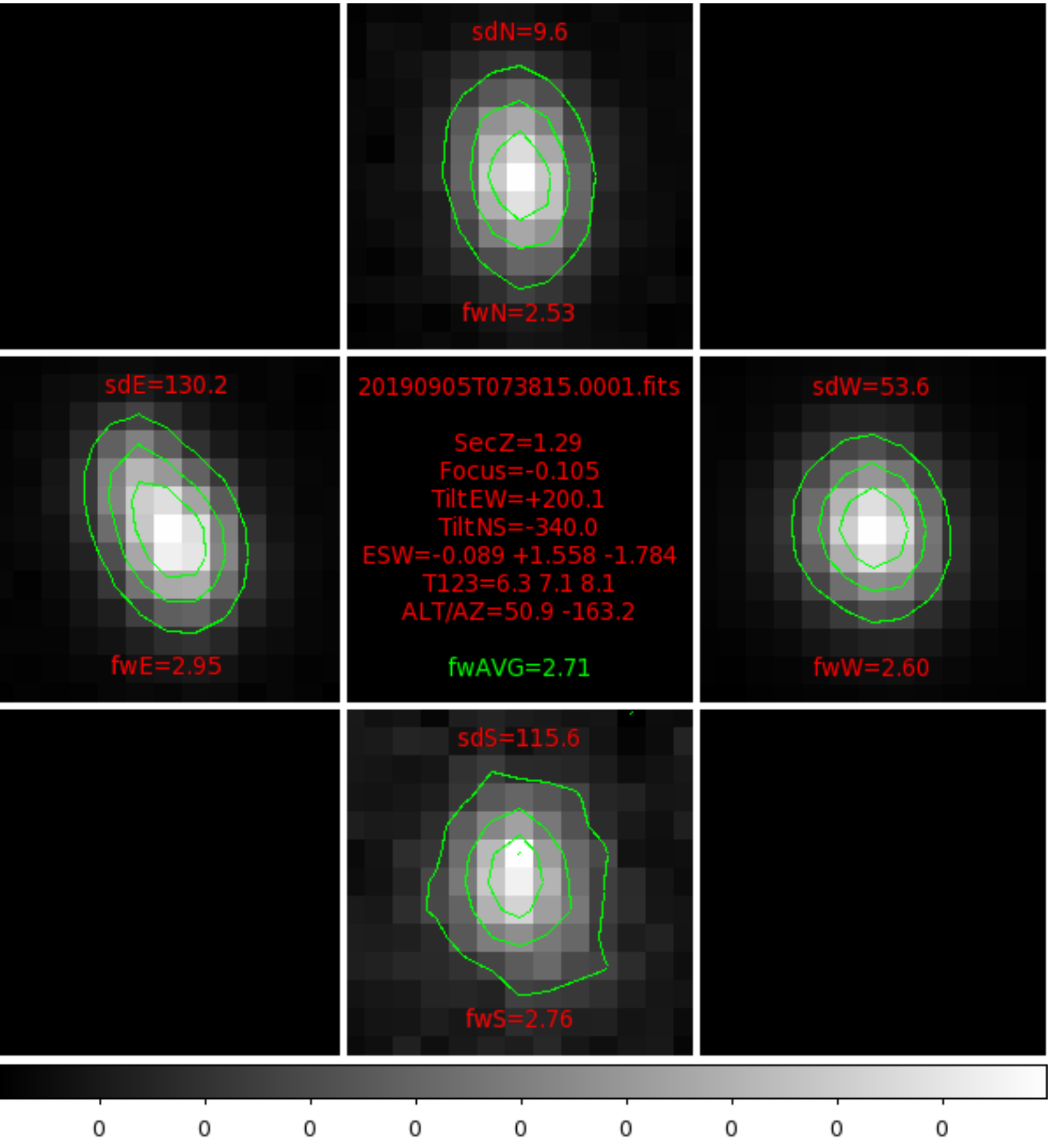
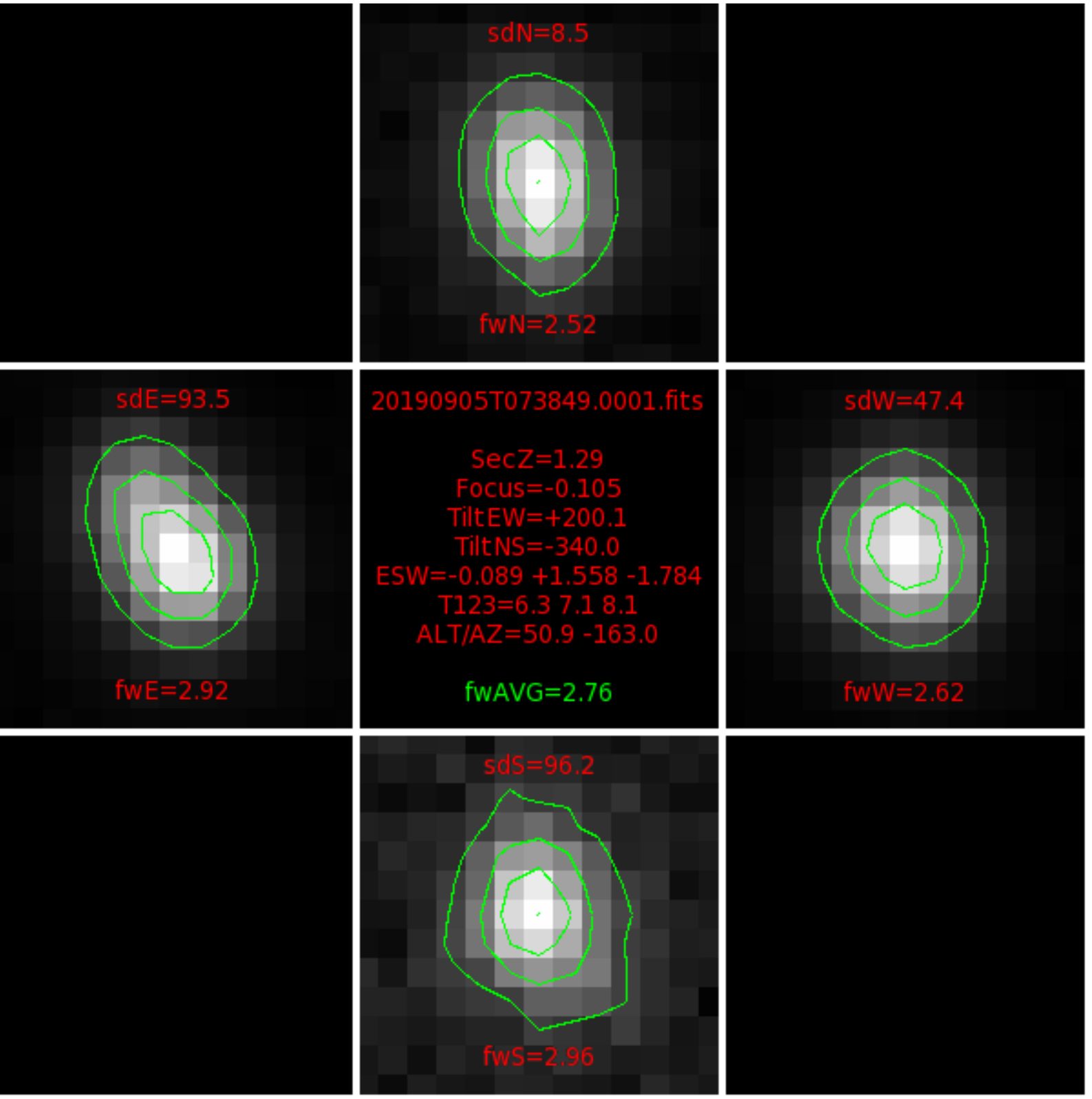

sdN=9.6
fwN=2.53
sdE=130.2
fwE=2.95
20190905T073815.0001.fits
SecZ=1.29
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.3 7.1 8.1
ALT/AZ=50.9 -163.2
fwAVG=2.71
sdW=53.6
fwW=2.60
sdS=115.6
fwS=2.76
0 0 0 0 0 0 0 0 0


sdN=8.5
fwN=2.52
sdE=93.5
fwE=2.92
20190905T073849.0001.fits
SecZ=1.29
Focus=-0.105
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.089 +1.558 -1.784
T123=6.3 7.1 8.1
ALT/AZ=50.9 -163.0
fwAVG=2.76
sdW=47.4
fwW=2.62
sdS=96.2
fwS=2.96
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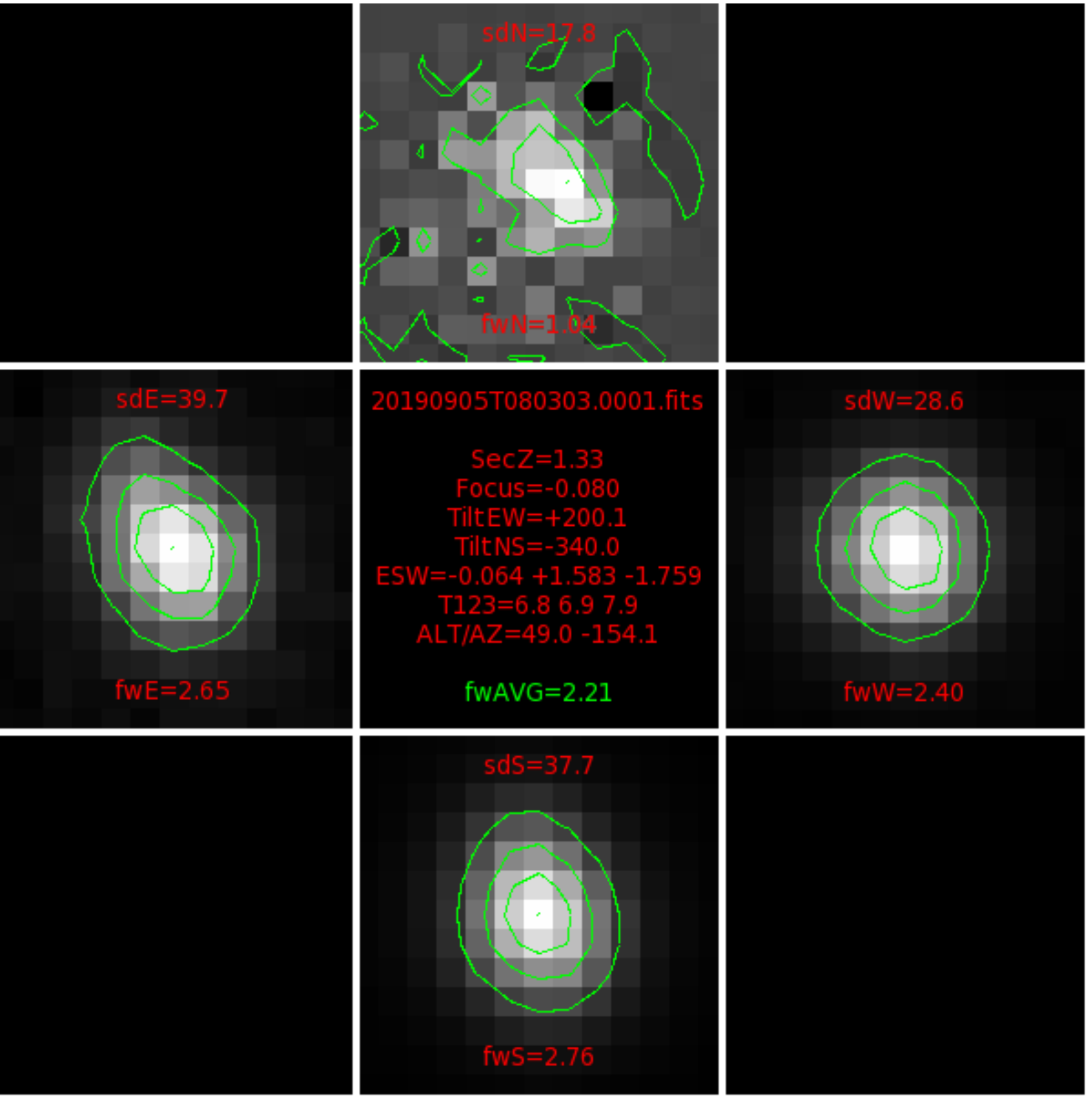
sdN=17.8
fwN=1.04
sdE=39.7
fwE=2.65
20190905T080303.0001.fits
SecZ=1.33
Focus=-0.080
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.064 +1.583 -1.759
T123=6.8 6.9 7.9
ALT/AZ=49.0 -154.1
fwAVG=2.21
sdW=28.6
fwW=2.40
sdS=37.7
fwS=2.76
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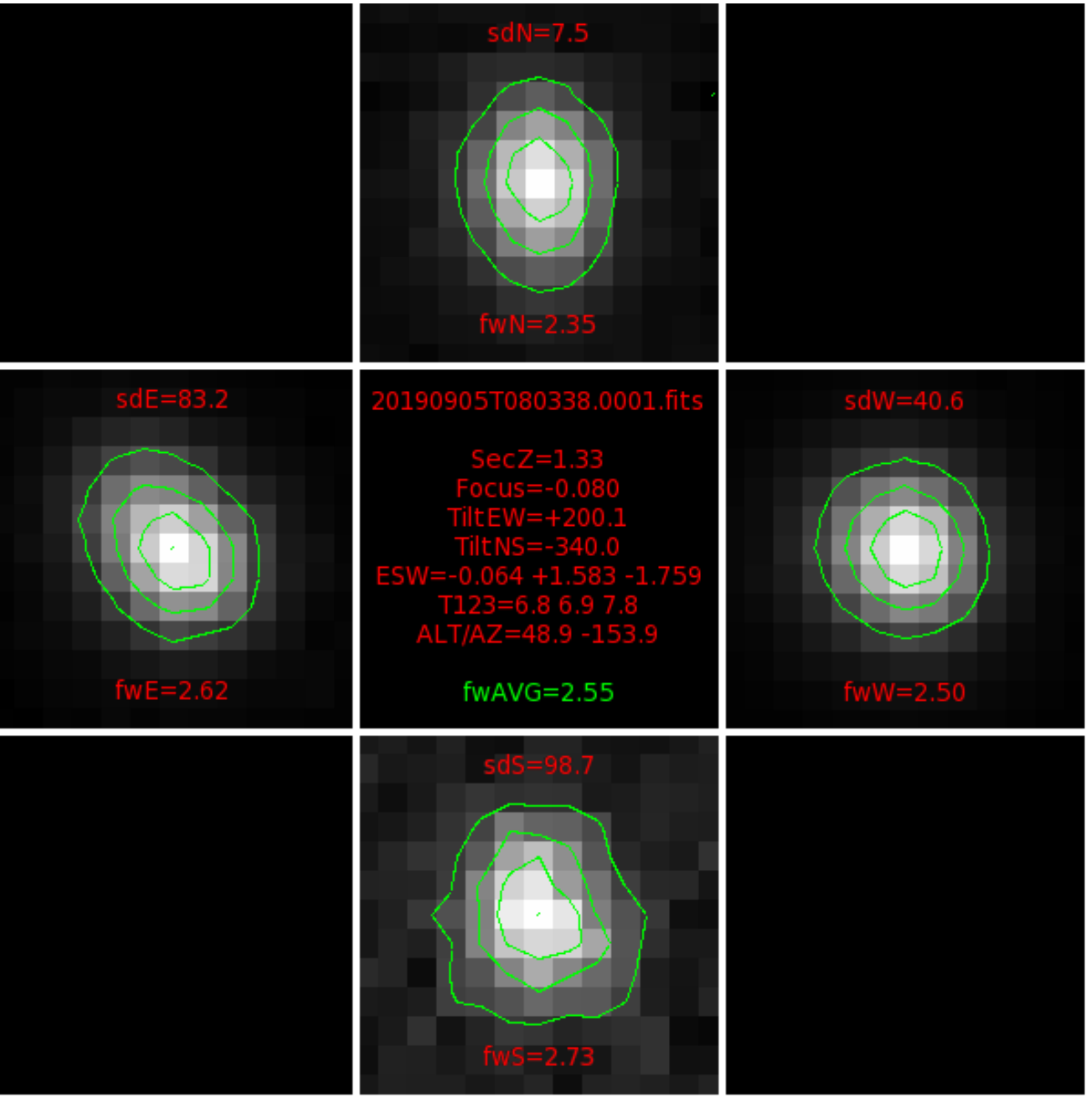
sdN=7.5
fwN=2.35
sdE=83.2
fwE=2.62
20190905T080338.0001.fits
SecZ=1.33
Focus=-0.080
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.064 +1.583 -1.759
T123=6.8 6.9 7.8
ALT/AZ=48.9 -153.9
fwAVG=2.55
sdW=40.6
fwW=2.50
sdS=98.7
fwS=2.73
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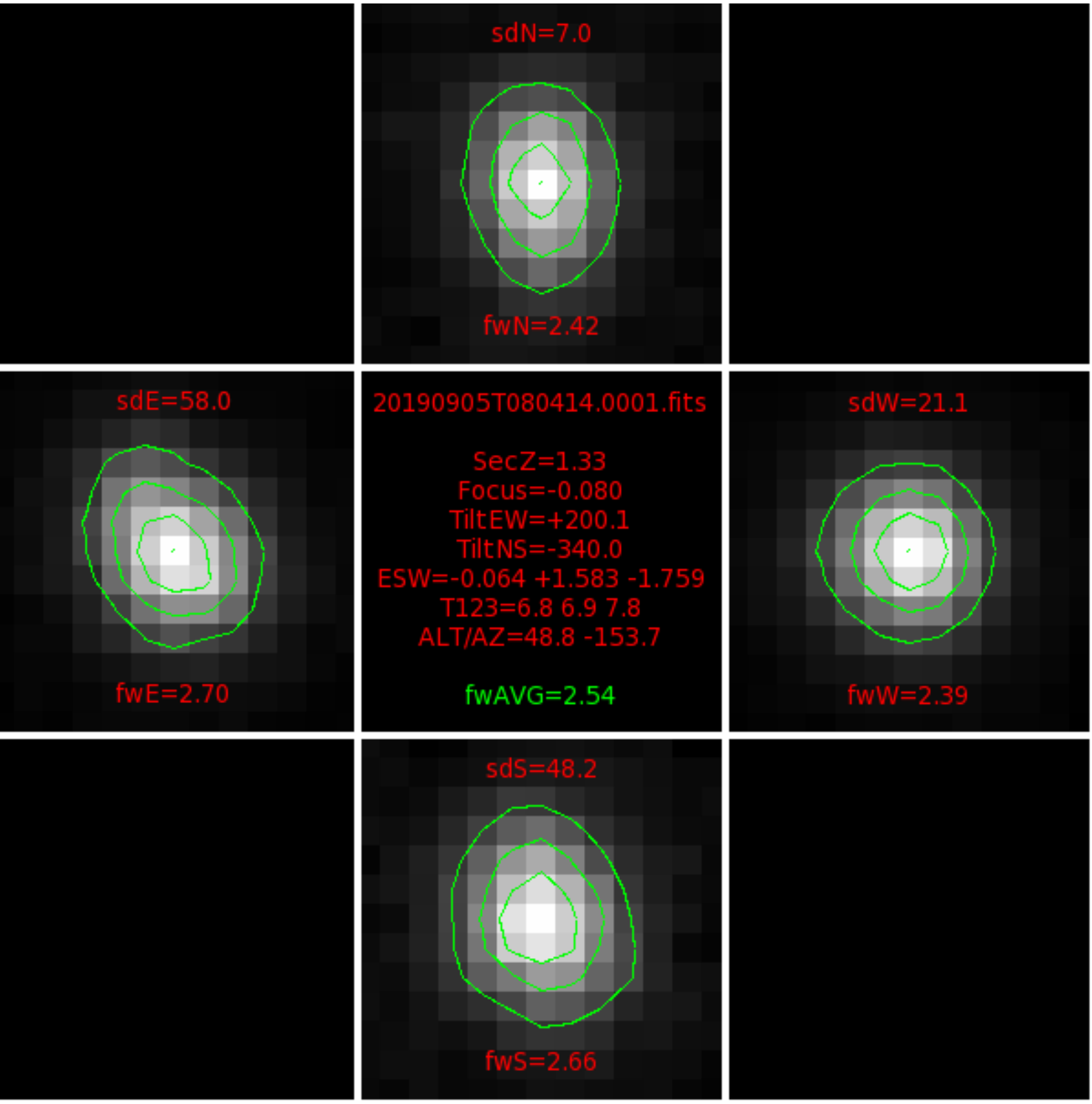
sdN=7.0
fwN=2.42
sdE=58.0
fwE=2.70
20190905T080414.0001.fits
SecZ=1.33
Focus=-0.080
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.064 +1.583 -1.759
T123=6.8 6.9 7.8
ALT/AZ=48.8 -153.7
fwAVG=2.54
sdW=21.1
fwW=2.39
sdS=48.2
fwS=2.66
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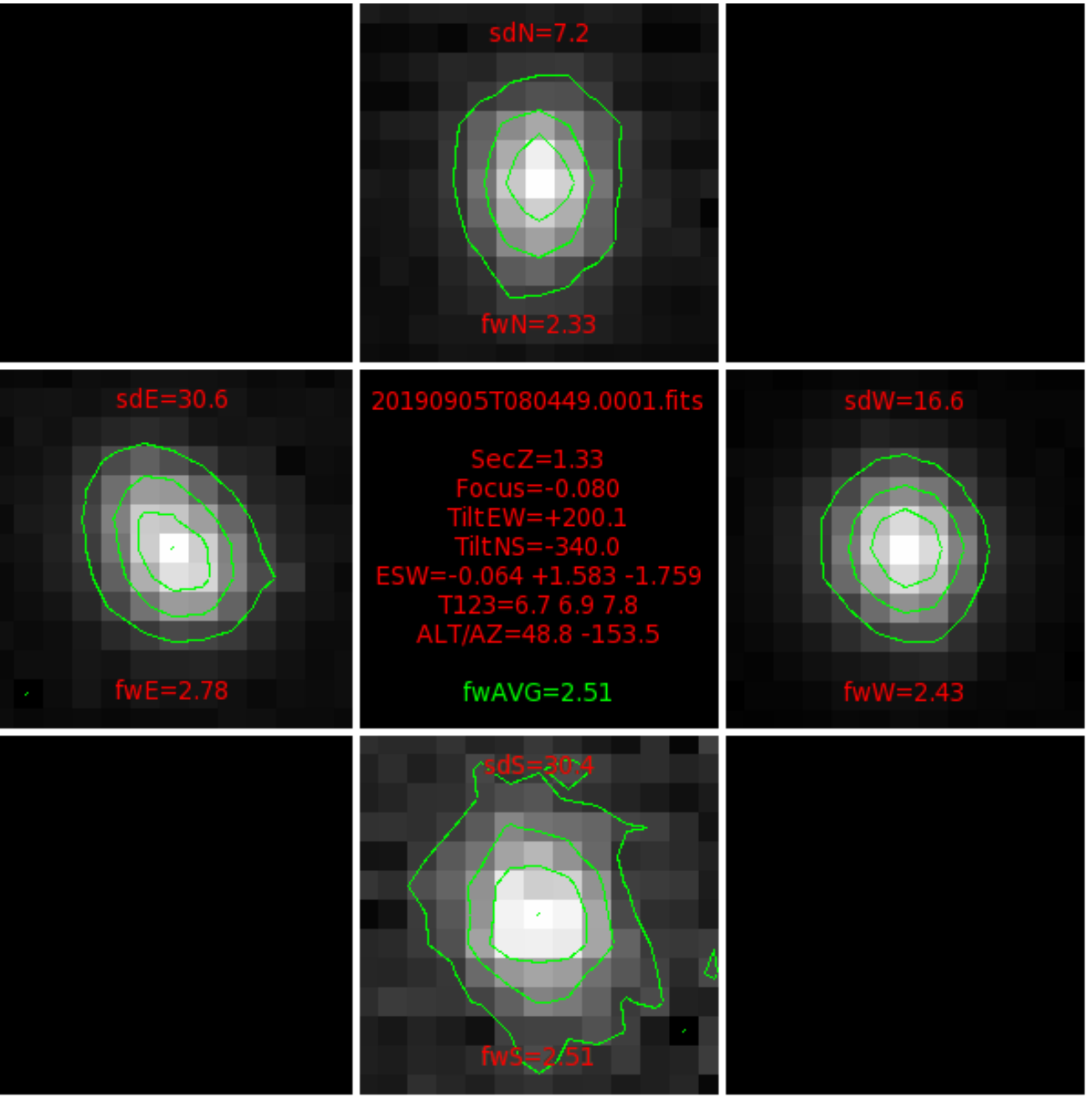
sdN=7.2
fwN=2.33
sdE=30.6
fwE=2.78
20190905T080449.0001.fits
SecZ=1.33
Focus=-0.080
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.064 +1.583 -1.759
T123=6.7 6.9 7.8
ALT/AZ=48.8 -153.5
fwAVG=2.51
sdW=16.6
fwW=2.43
sdS=30.4
fwS=2.51
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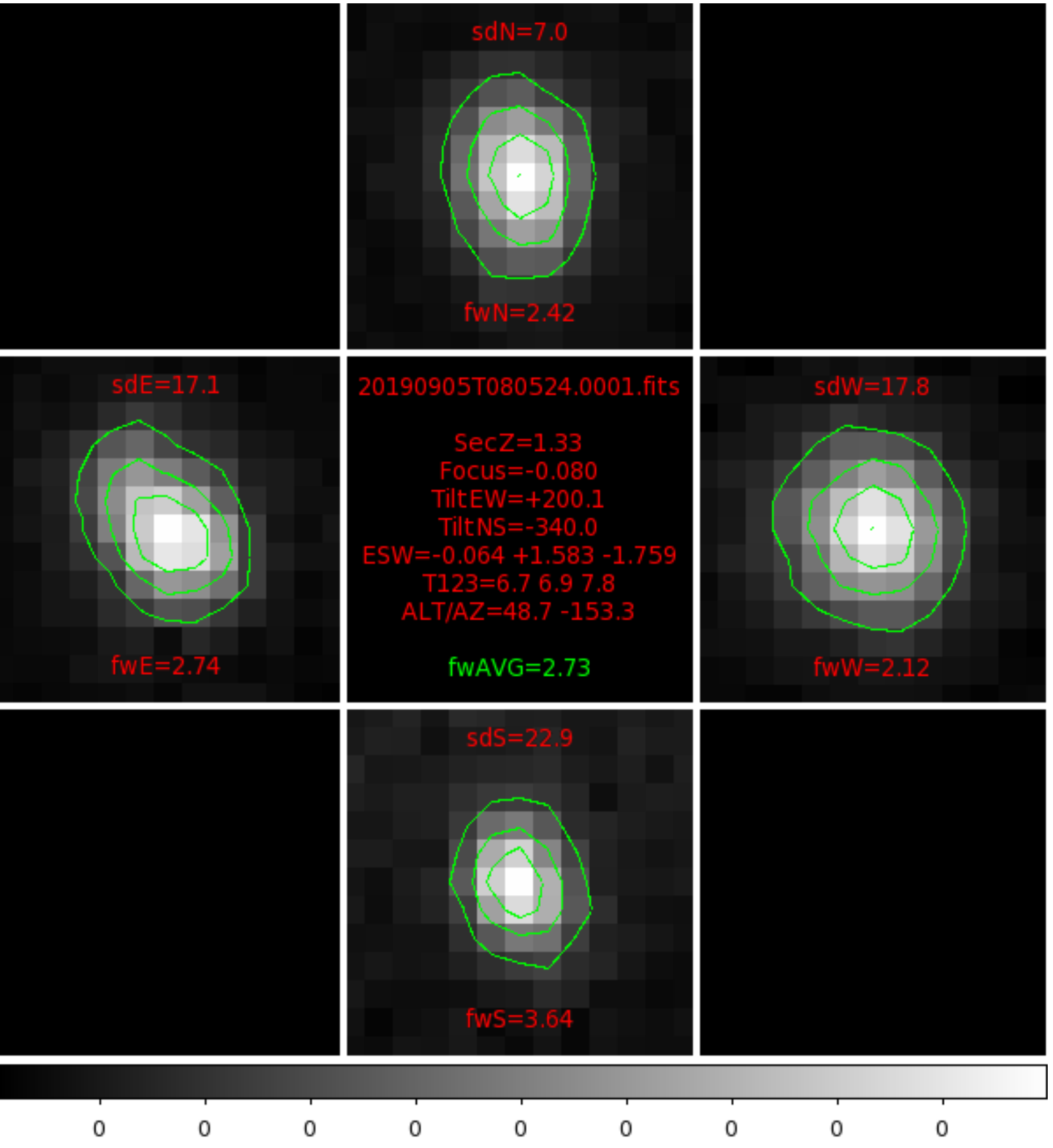
sdN=7.0
fwN=2.42
sdE=17.1
fwE=2.74
20190905T080524.0001.fits
SecZ=1.33
Focus=-0.080
TiltEW=+200.1
TiltNS=-340.0
ESW=-0.064 +1.583 -1.759
T123=6.7 6.9 7.8
ALT/AZ=48.7 -153.3
fwAVG=2.73
sdW=17.8
fwW=2.12
sdS=22.9
fwS=3.64
0 0 0 0 0 0 0 0 0