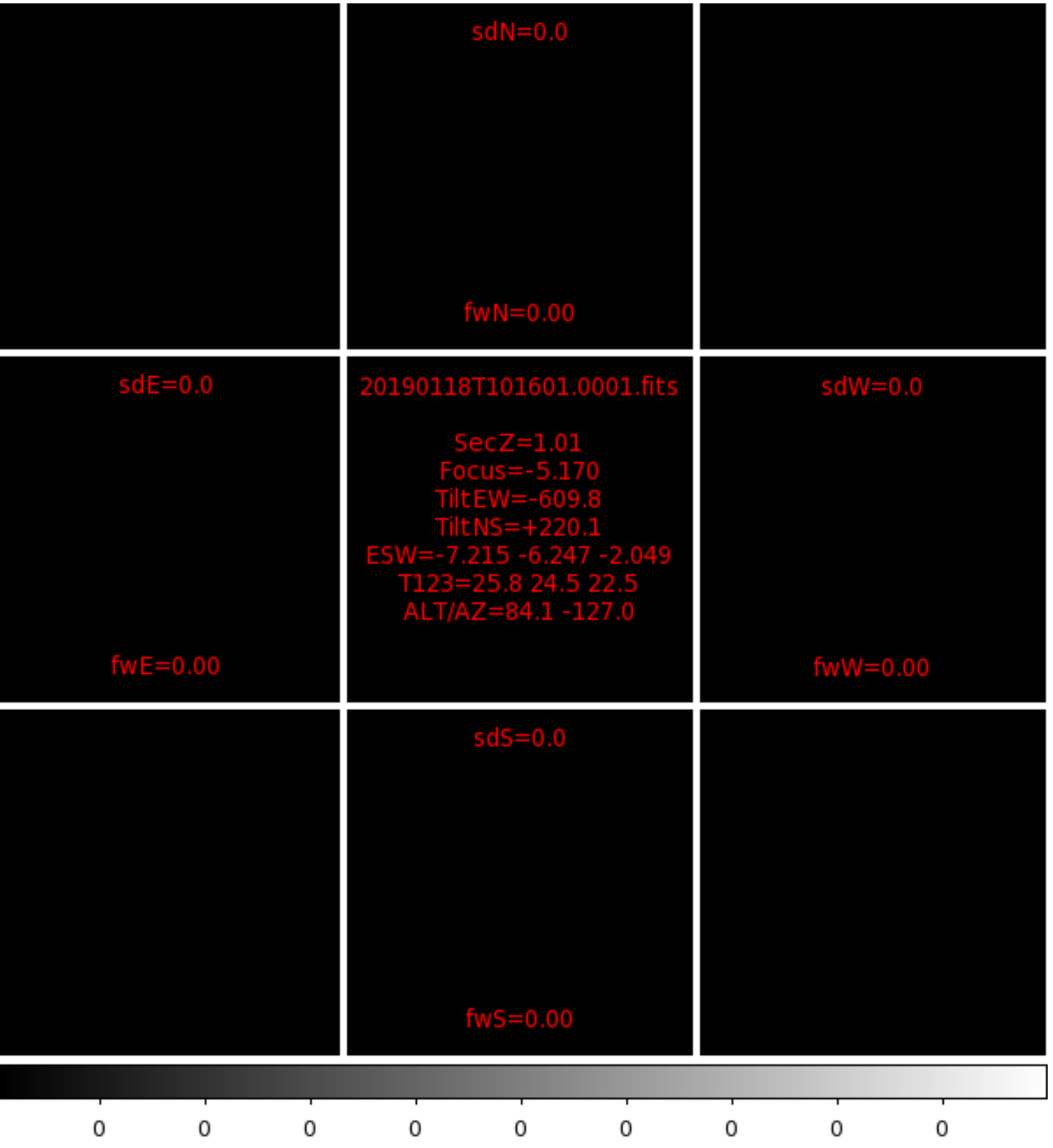
sdN=0.0
fwN=0.00
sdE=0.0
20190118T101601.0001.fits
SecZ=1.01
Focus=-5.170
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.215 -6.247 -2.049
T123=25.8 24.5 22.5
ALT/AZ=84.1 -127.0
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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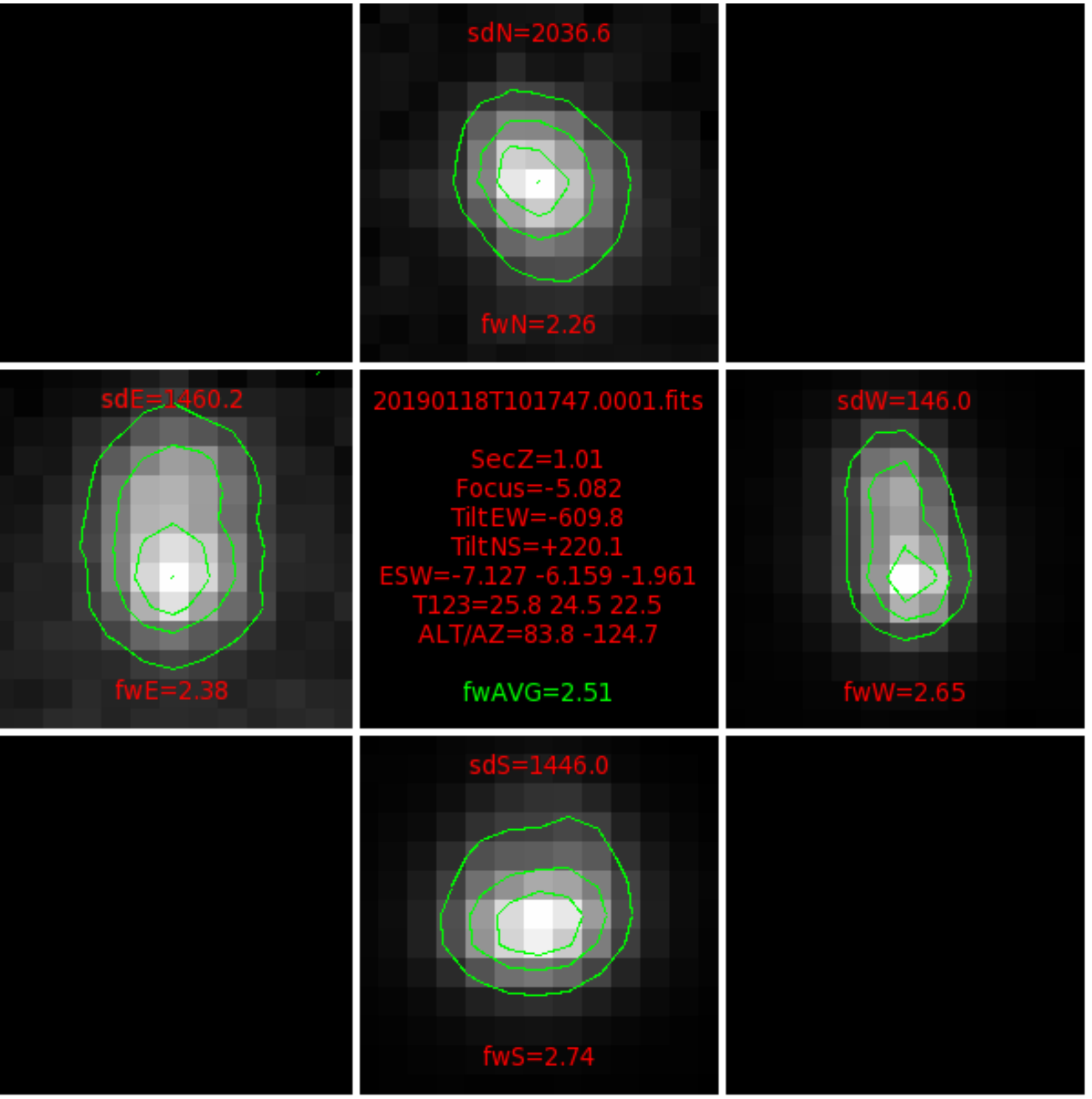
sdN=2036.6
fwN=2.26
sdE=1460.2
fwE=2.38
20190118T101747.0001.fits
SecZ=1.01
Focus=-5.082
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.127 -6.159 -1.961
T123=25.8 24.5 22.5
ALT/AZ=83.8 -124.7
fwAVG=2.51
sdW=146.0
fwW=2.65
sdS=1446.0
fwS=2.74
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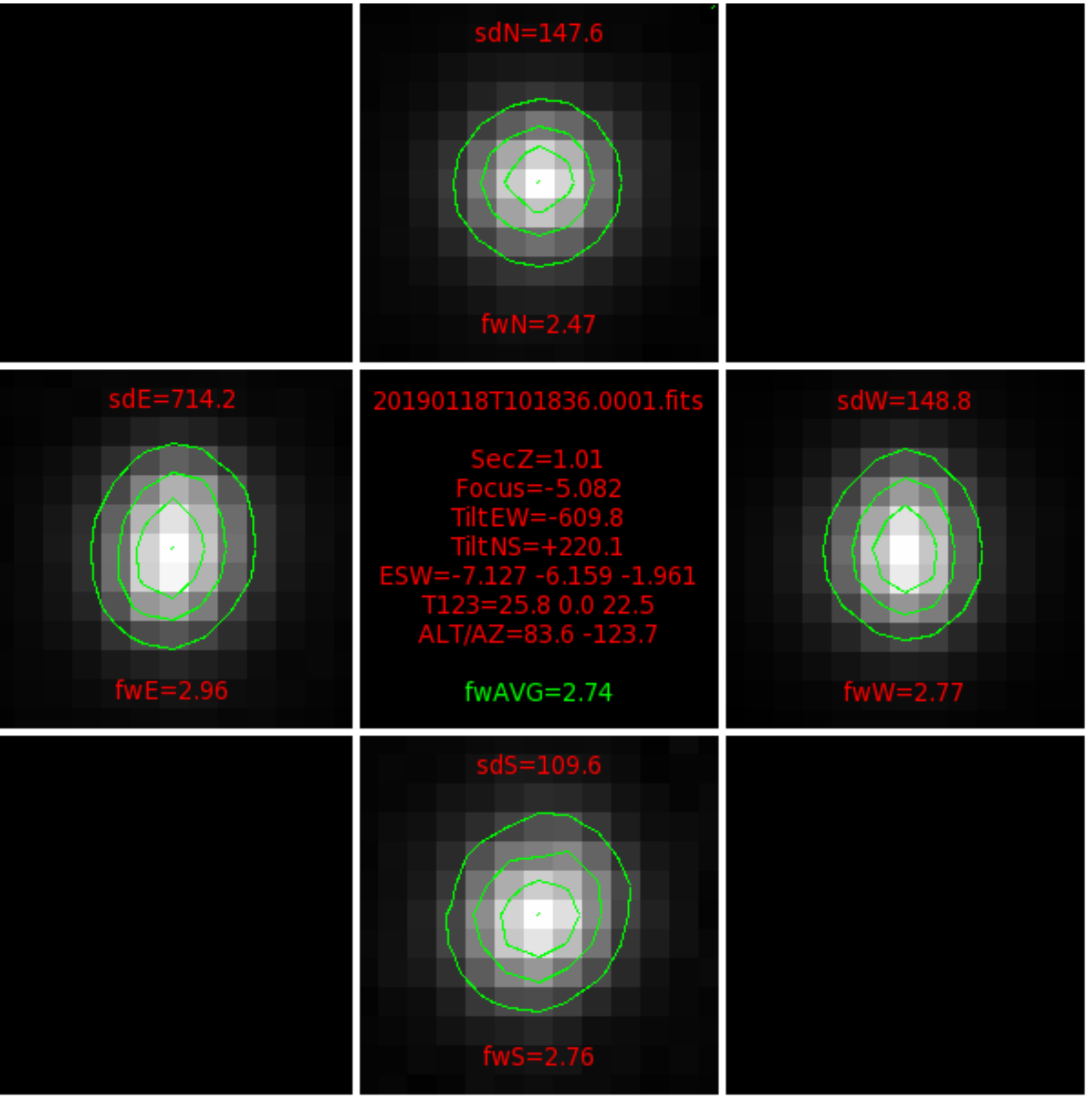
sdN=147.6
fwN=2.47
sdE=714.2
fwE=2.96
20190118T101836.0001.fits
SecZ=1.01
Focus=-5.082
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.127 -6.159 -1.961
T123=25.8 0.0 22.5
ALT/AZ=83.6 -123.7
fwAVG=2.74
sdW=148.8
fwW=2.77
sdS=109.6
fwS=2.76
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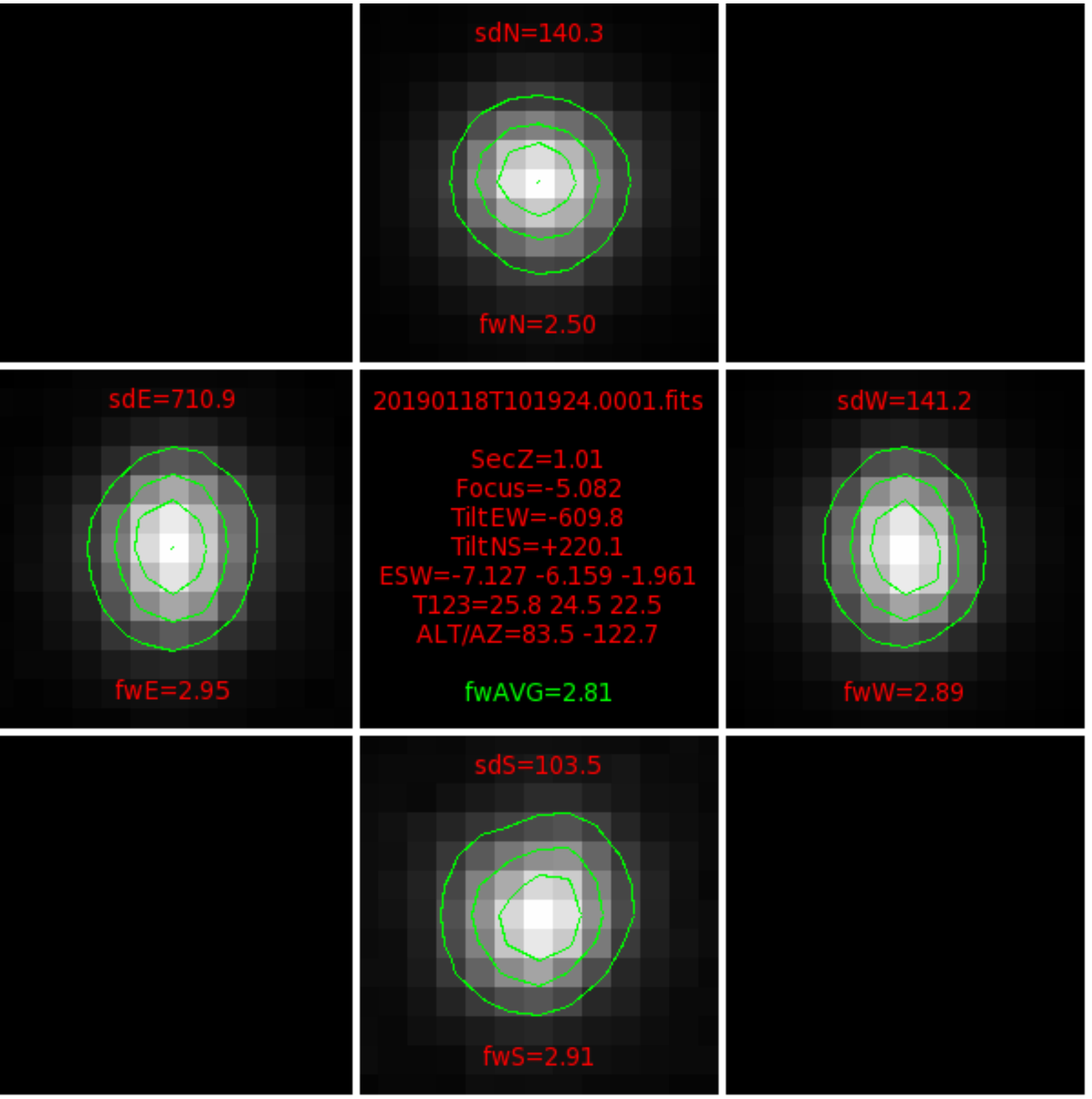
sdN=140.3
fwN=2.50
sdE=710.9
fwE=2.95
20190118T101924.0001.fits
SecZ=1.01
Focus=-5.082
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.127 -6.159 -1.961
T123=25.8 24.5 22.5
ALT/AZ=83.5 -122.7
fwAVG=2.81
sdW=141.2
fwW=2.89
sdS=103.5
fwS=2.91
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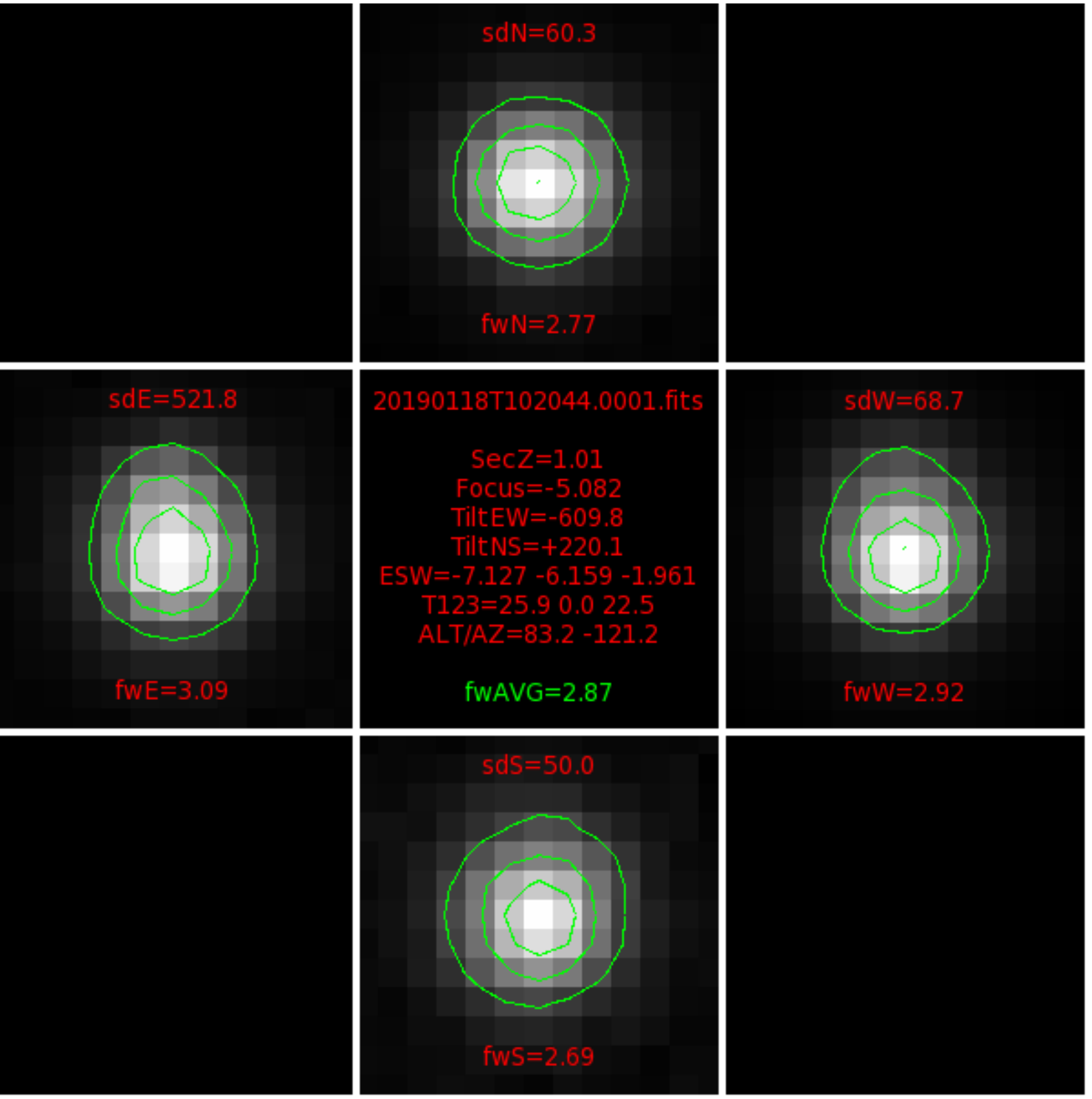
sdN=60.3
fwN=2.77
sdE=521.8
fwE=3.09
20190118T102044.0001.fits
SecZ=1.01
Focus=-5.082
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.127 -6.159 -1.961
T123=25.9 0.0 22.5
ALT/AZ=83.2 -121.2
fwAVG=2.87
sdW=68.7
fwW=2.92
sdS=50.0
fwS=2.69
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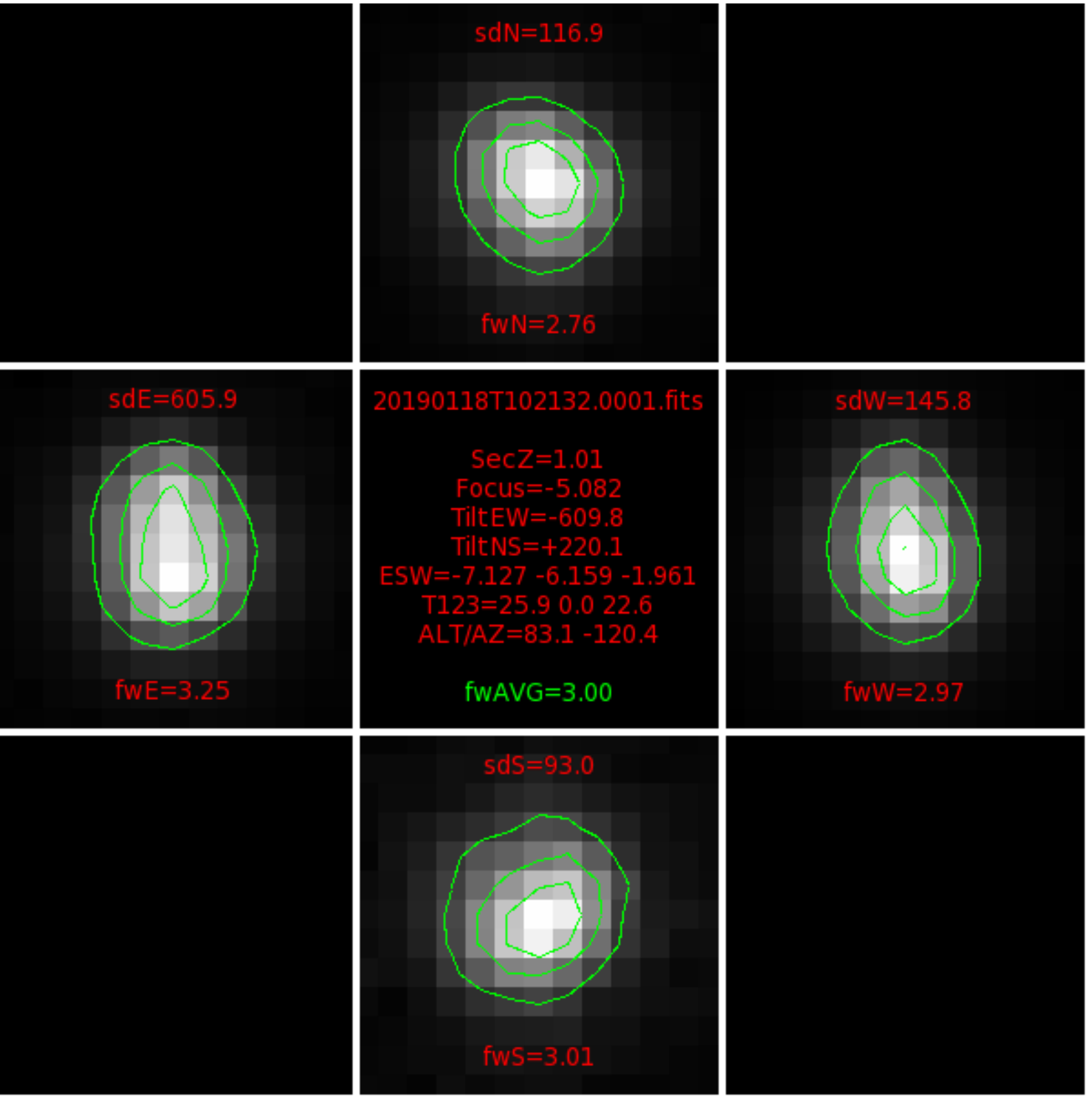
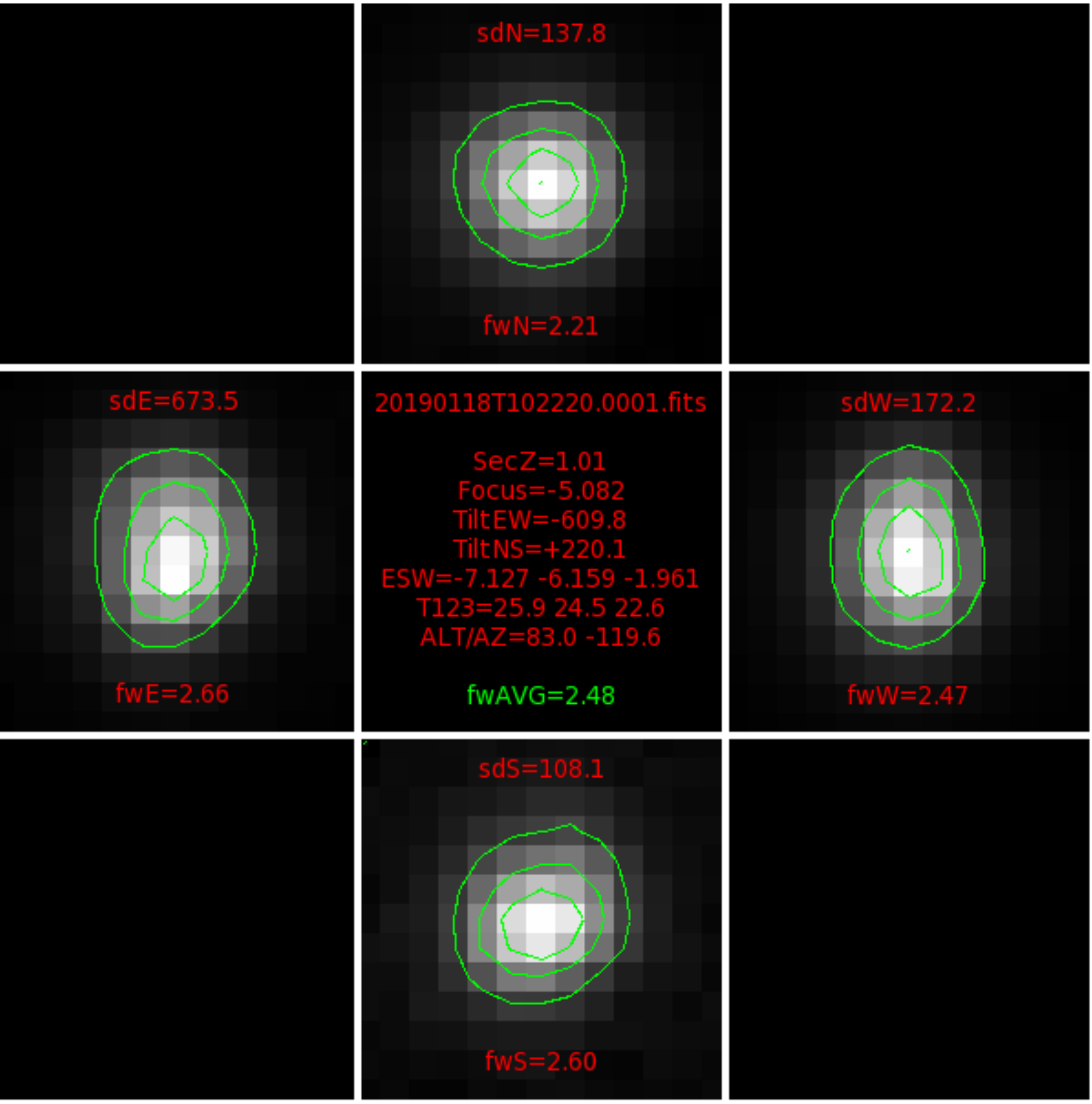
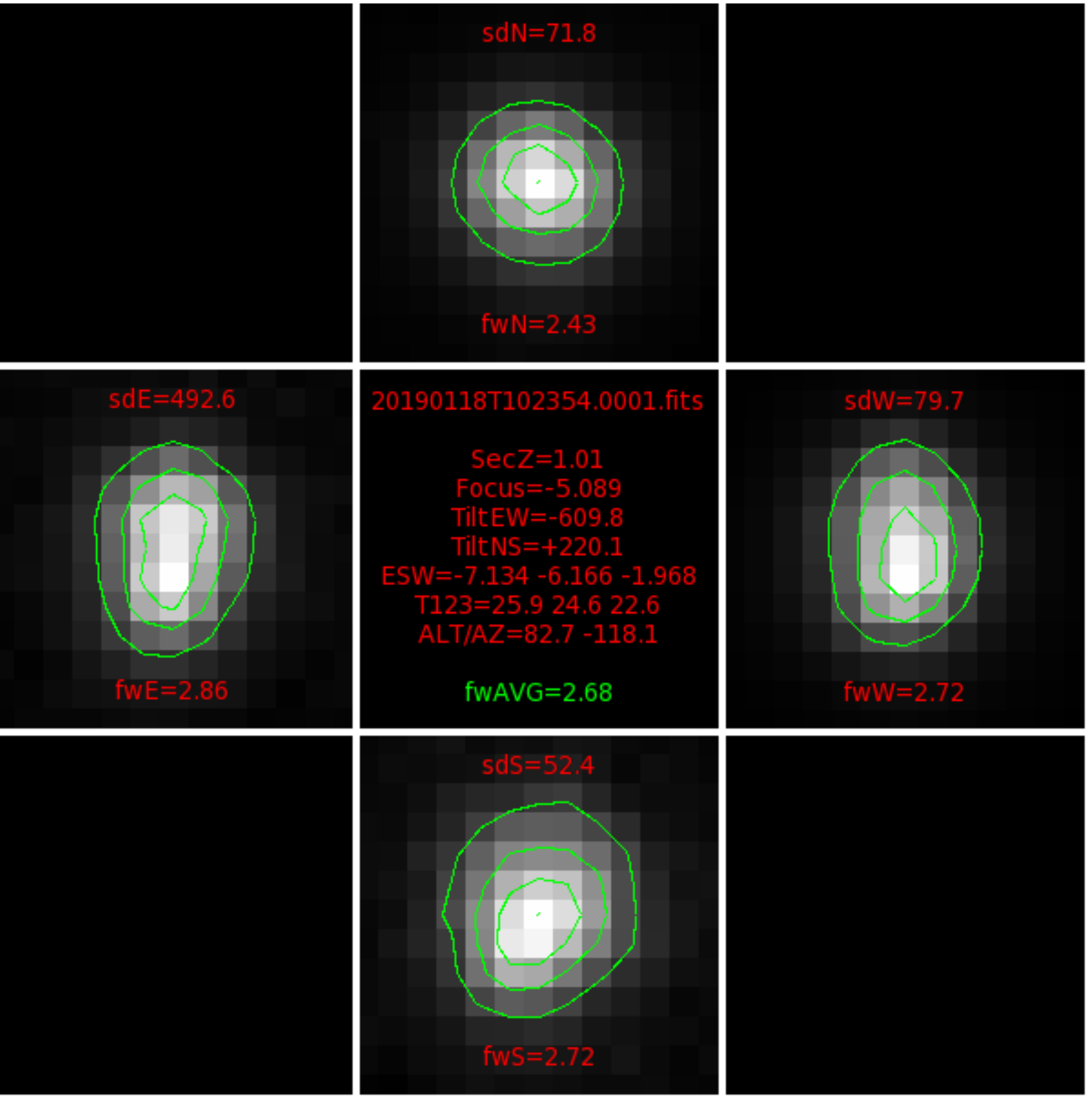
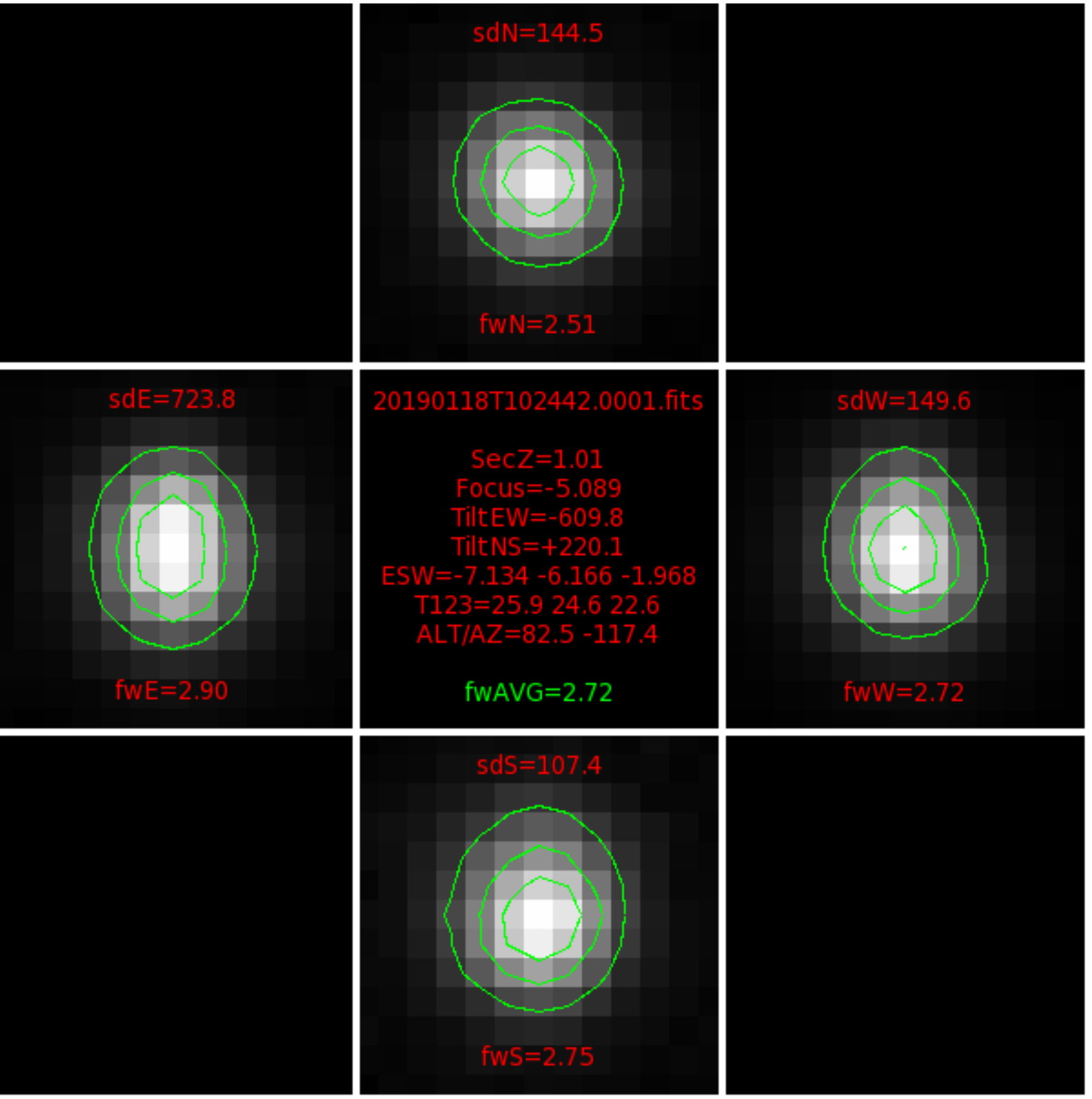
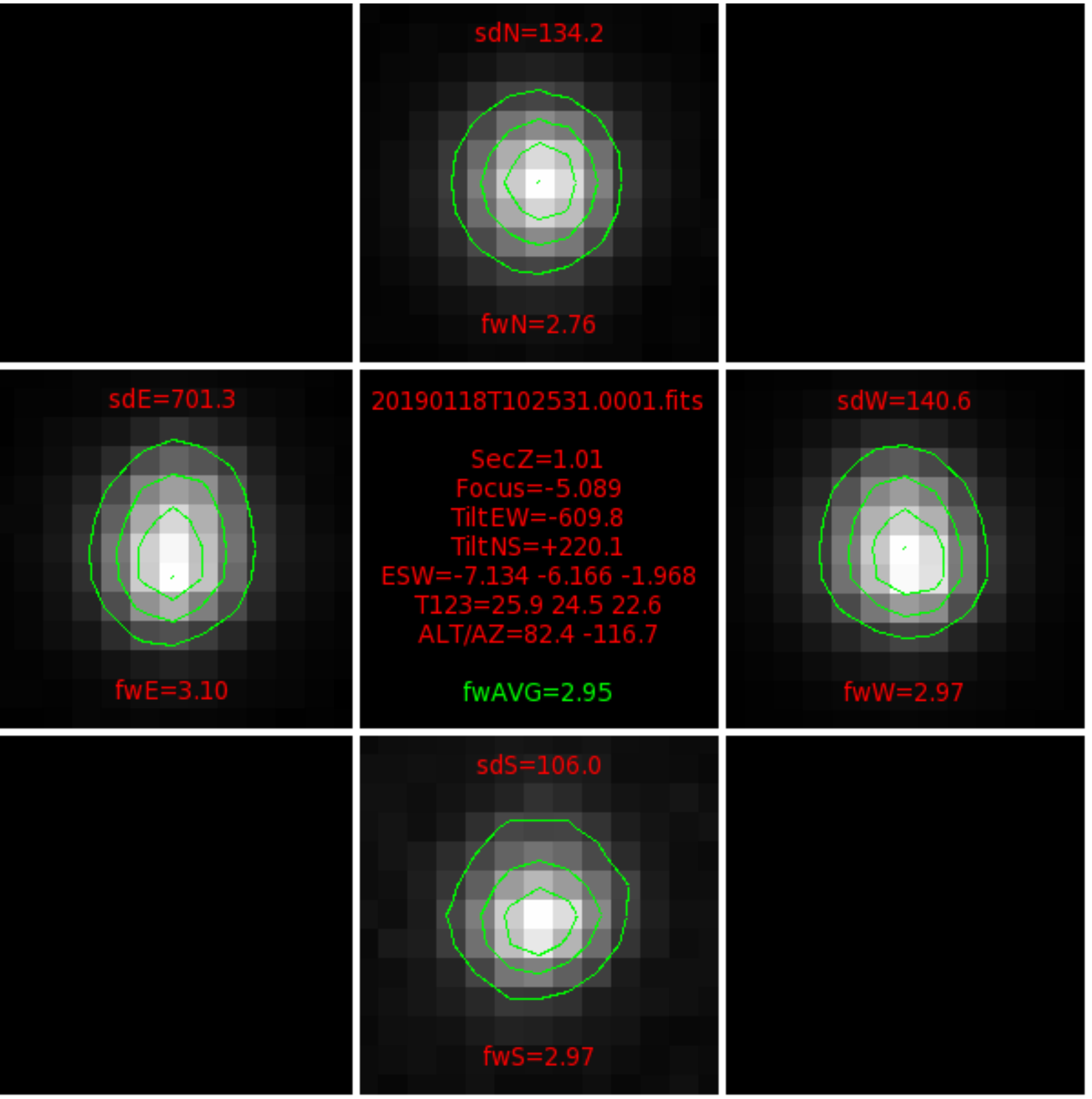
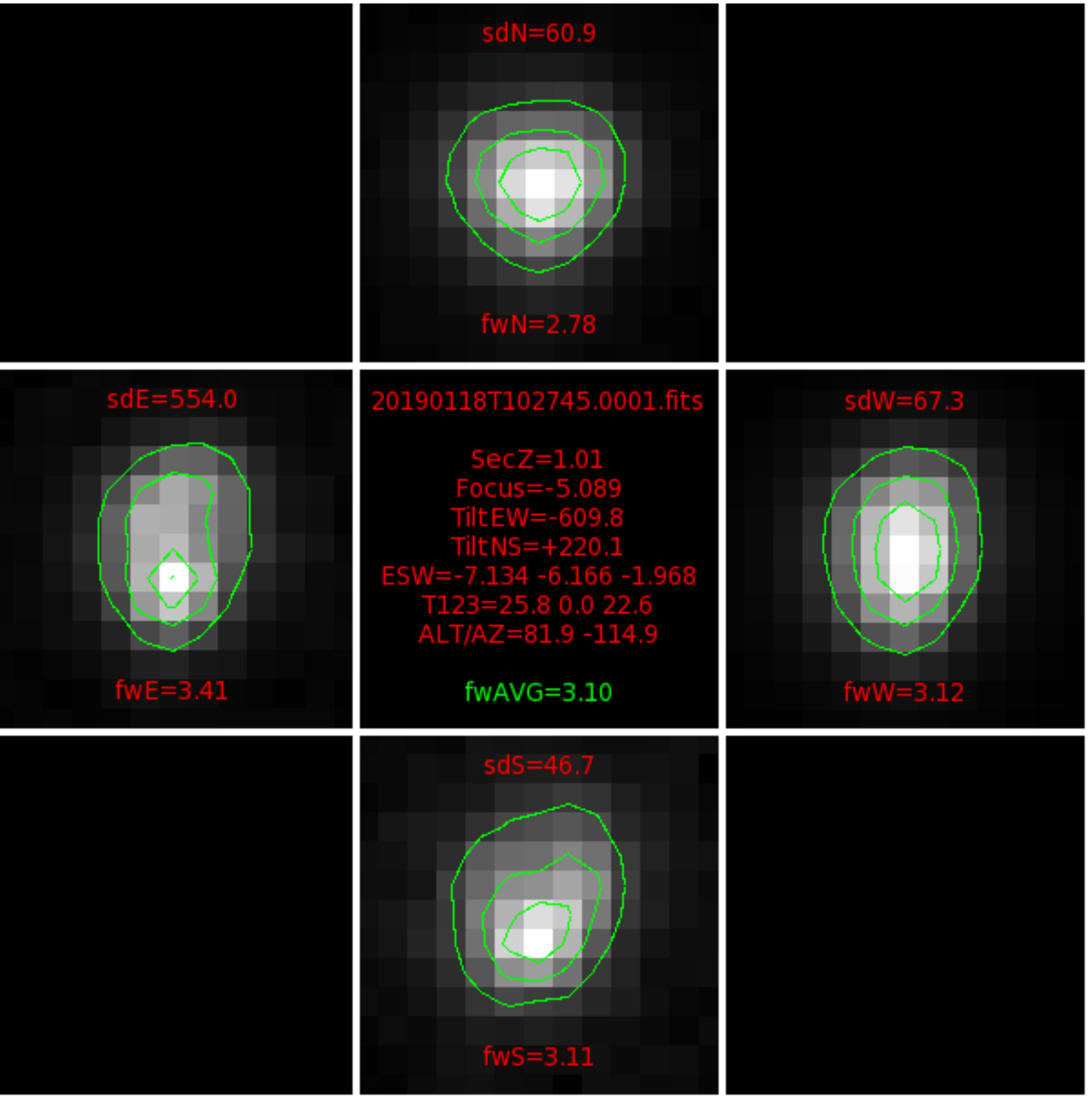

sdN=116.9
fwN=2.76
sdE=605.9
fwE=3.25
20190118T102132.0001.fits
SecZ=1.01
Focus=-5.082
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.127 -6.159 -1.961
T123=25.9 0.0 22.6
ALT/AZ=83.1 -120.4
fwAVG=3.00
sdW=145.8
fwW=2.97
sdS=93.0
fwS=3.01
0 0 0 0 0 0 0 0 0


sdN=137.8
fwN=2.21
sdE=673.5
fwE=2.66
20190118T102220.0001.fits
SecZ=1.01
Focus=-5.082
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.127 -6.159 -1.961
T123=25.9 24.5 22.6
ALT/AZ=83.0 -119.6
fwAVG=2.48
sdW=172.2
fwW=2.47
sdS=108.1
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=71.8
fwN=2.43
sdE=492.6
fwE=2.86
20190118T102354.0001.fits
SecZ=1.01
Focus=-5.089
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.134 -6.166 -1.968
T123=25.9 24.6 22.6
ALT/AZ=82.7 -118.1
fwAVG=2.68
sdW=79.7
fwW=2.72
sdS=52.4
fwS=2.72
0 0 0 0 0 0 0 0 0


sdN=144.5
fwN=2.51
sdE=723.8
fwE=2.90
20190118T102442.0001.fits
SecZ=1.01
Focus=-5.089
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.134 -6.166 -1.968
T123=25.9 24.6 22.6
ALT/AZ=82.5 -117.4
fwAVG=2.72
sdW=149.6
fwW=2.72
sdS=107.4
fwS=2.75
0 0 0 0 0 0 0 0 0


sdN=134.2
fwN=2.76
sdE=701.3
fwE=3.10
20190118T102531.0001.fits
SecZ=1.01
Focus=-5.089
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.134 -6.166 -1.968
T123=25.9 24.5 22.6
ALT/AZ=82.4 -116.7
fwAVG=2.95
sdW=140.6
fwW=2.97
sdS=106.0
fwS=2.97
0 0 0 0 0 0 0 0 0


sdN=60.9
fwN=2.78
sdE=554.0
fwE=3.41
20190118T102745.0001.fits
SecZ=1.01
Focus=-5.089
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.134 -6.166 -1.968
T123=25.8 0.0 22.6
ALT/AZ=81.9 -114.9
fwAVG=3.10
sdW=67.3
fwW=3.12
sdS=46.7
fwS=3.11
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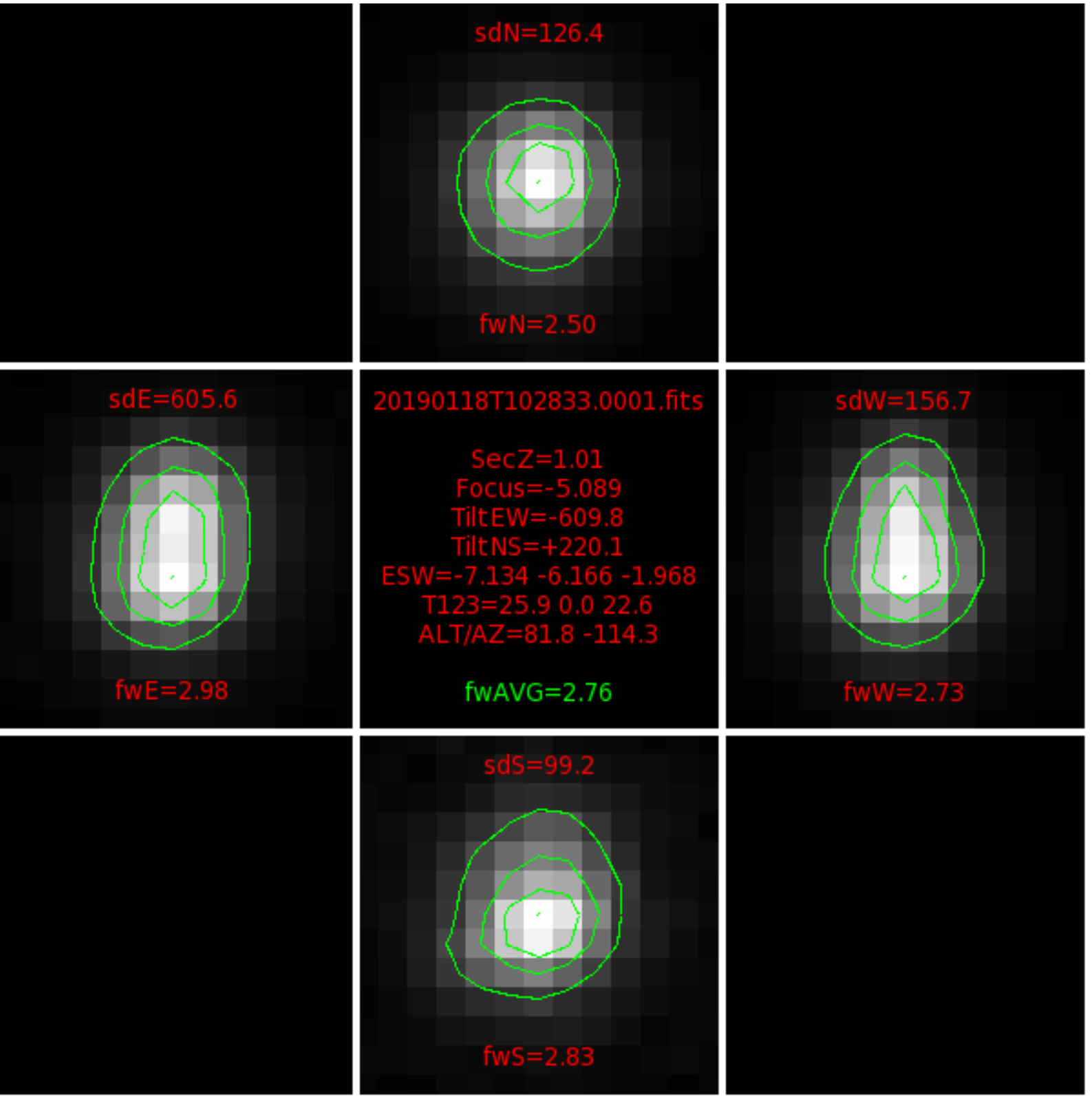
sdN=126.4
fwN=2.50
sdE=605.6
fwE=2.98
20190118T102833.0001.fits
SecZ=1.01
Focus=-5.089
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.134 -6.166 -1.968
T123=25.9 0.0 22.6
ALT/AZ=81.8 -114.3
fwAVG=2.76
sdW=156.7
fwW=2.73
sdS=99.2
fwS=2.83
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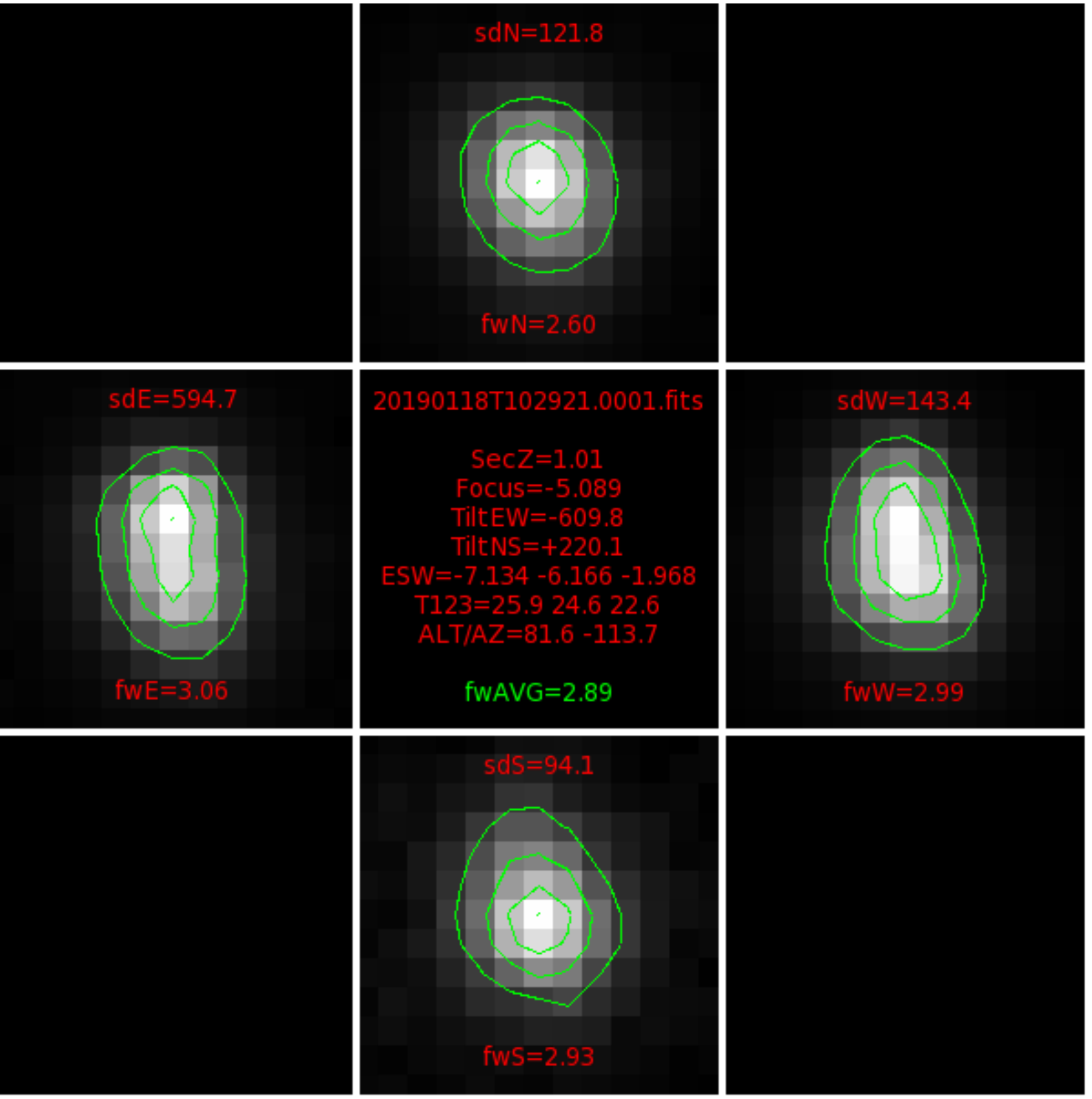
sdN=121.8
fwN=2.60
sdE=594.7
fwE=3.06
20190118T102921.0001.fits
SecZ=1.01
Focus=-5.089
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.134 -6.166 -1.968
T123=25.9 24.6 22.6
ALT/AZ=81.6 -113.7
fwAVG=2.89
sdW=143.4
fwW=2.99
sdS=94.1
fwS=2.93
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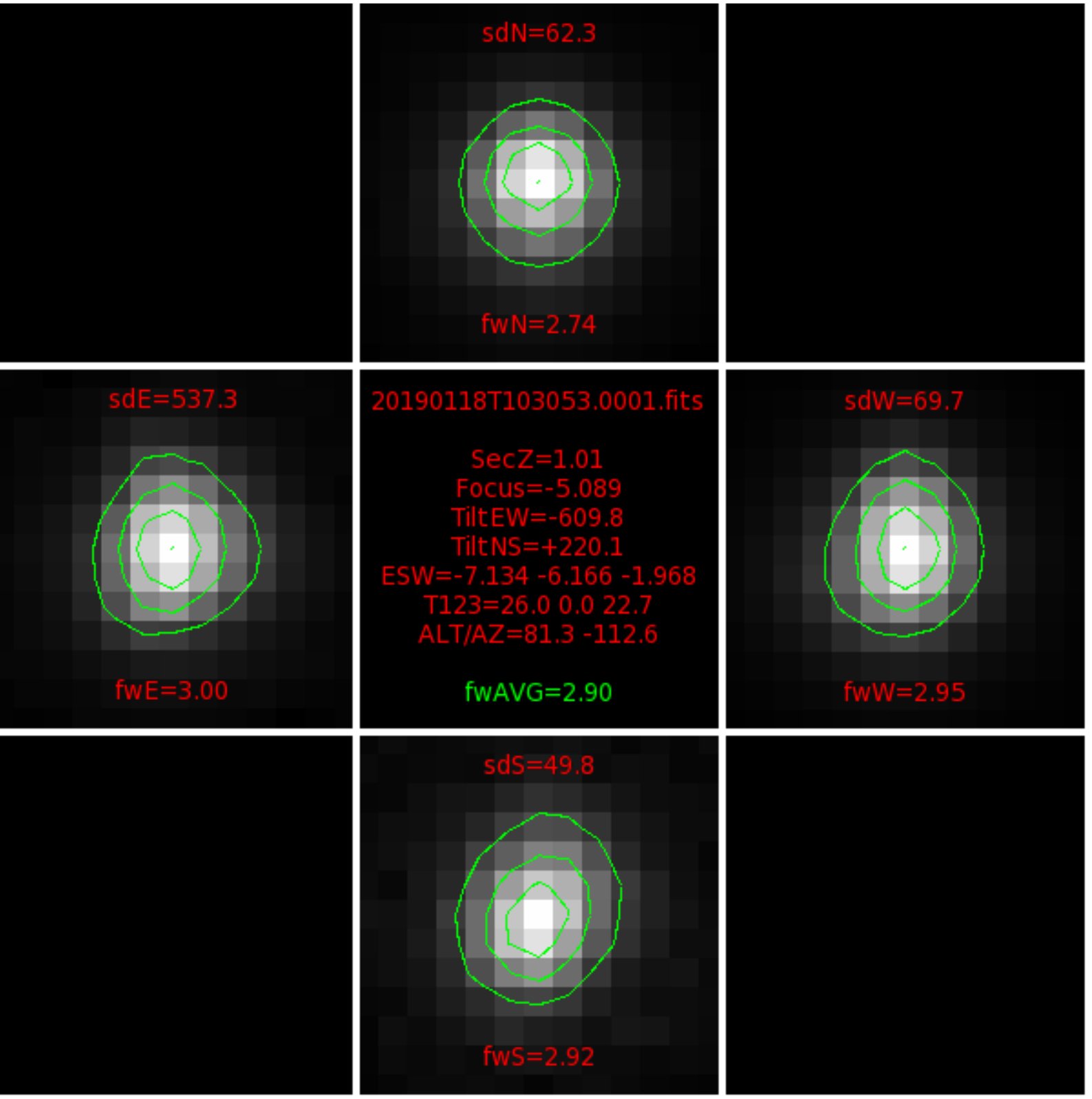
sdN=62.3
fwN=2.74
sdE=537.3
fwE=3.00
20190118T103053.0001.fits
SecZ=1.01
Focus=-5.089
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.134 -6.166 -1.968
T123=26.0 0.0 22.7
ALT/AZ=81.3 -112.6
fwAVG=2.90
sdW=69.7
fwW=2.95
sdS=49.8
fwS=2.92
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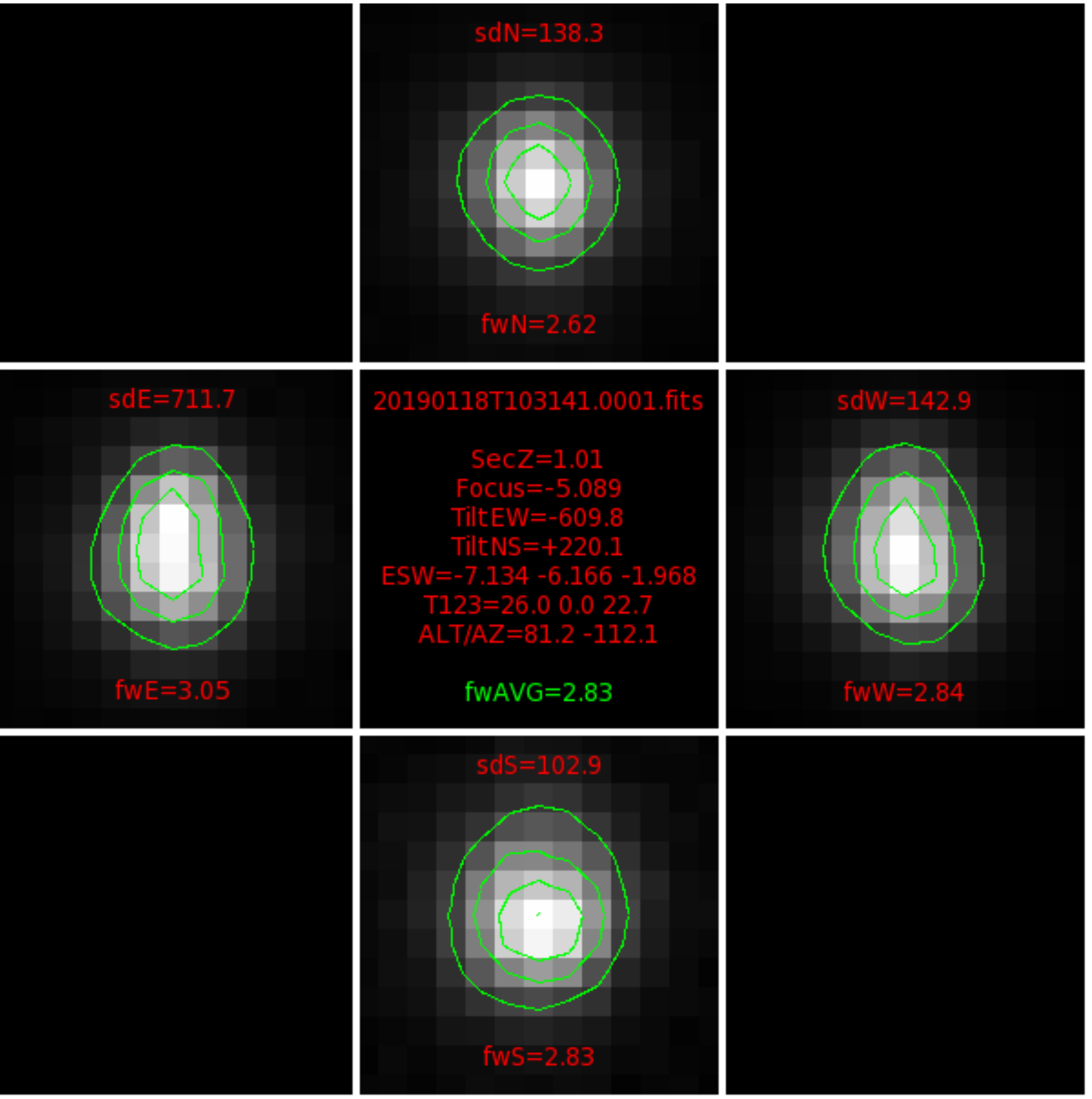
sdN=138.3
fwN=2.62
sdE=711.7
fwE=3.05
20190118T103141.0001.fits
SecZ=1.01
Focus=-5.089
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.134 -6.166 -1.968
T123=26.0 0.0 22.7
ALT/AZ=81.2 -112.1
fwAVG=2.83
sdW=142.9
fwW=2.84
sdS=102.9
fwS=2.83
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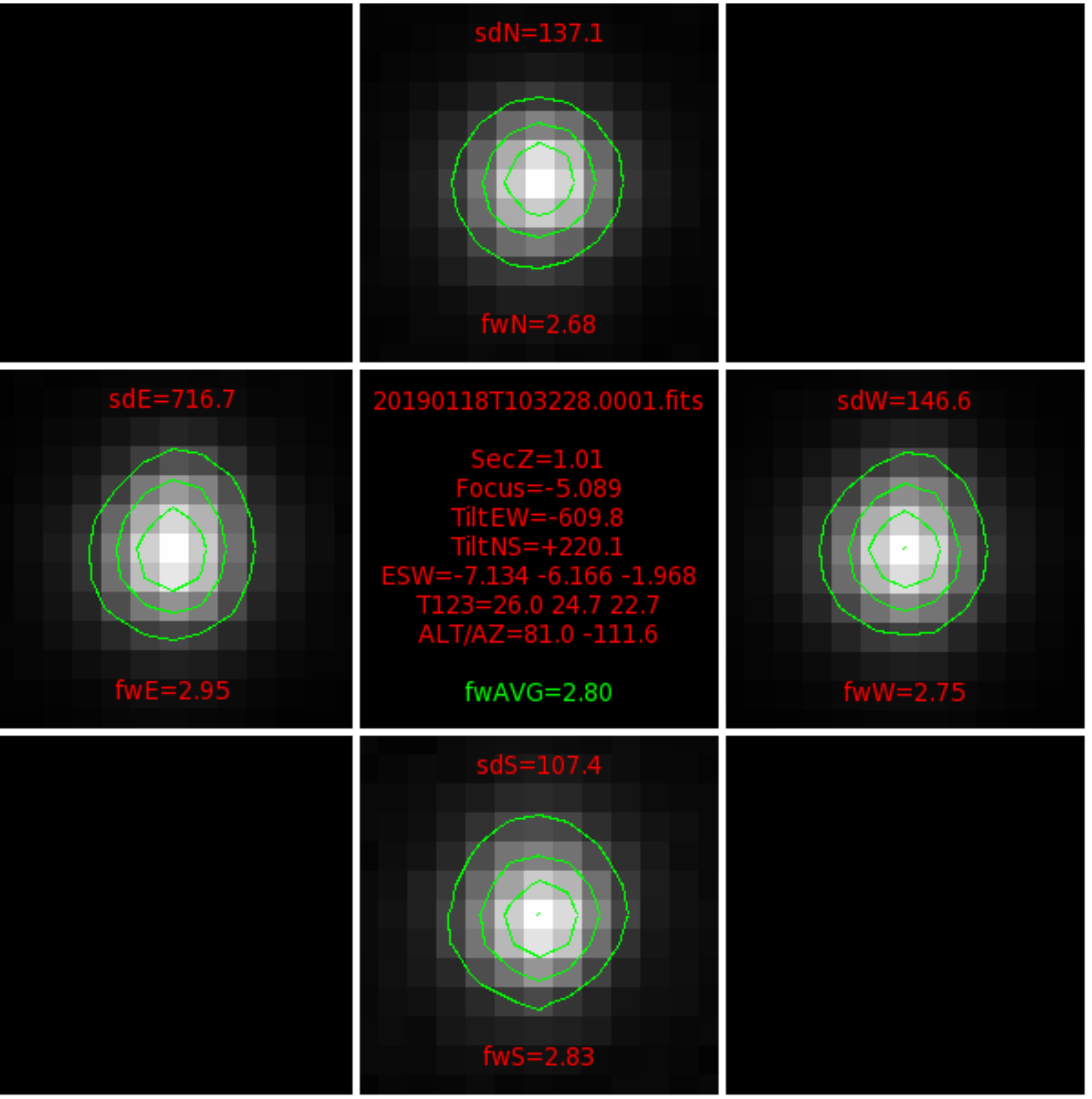
sdN=137.1
fwN=2.68
sdE=716.7
fwE=2.95
20190118T103228.0001.fits
SecZ=1.01
Focus=-5.089
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.134 -6.166 -1.968
T123=26.0 24.7 22.7
ALT/AZ=81.0 -111.6
fwAVG=2.80
sdW=146.6
fwW=2.75
sdS=107.4
fwS=2.83
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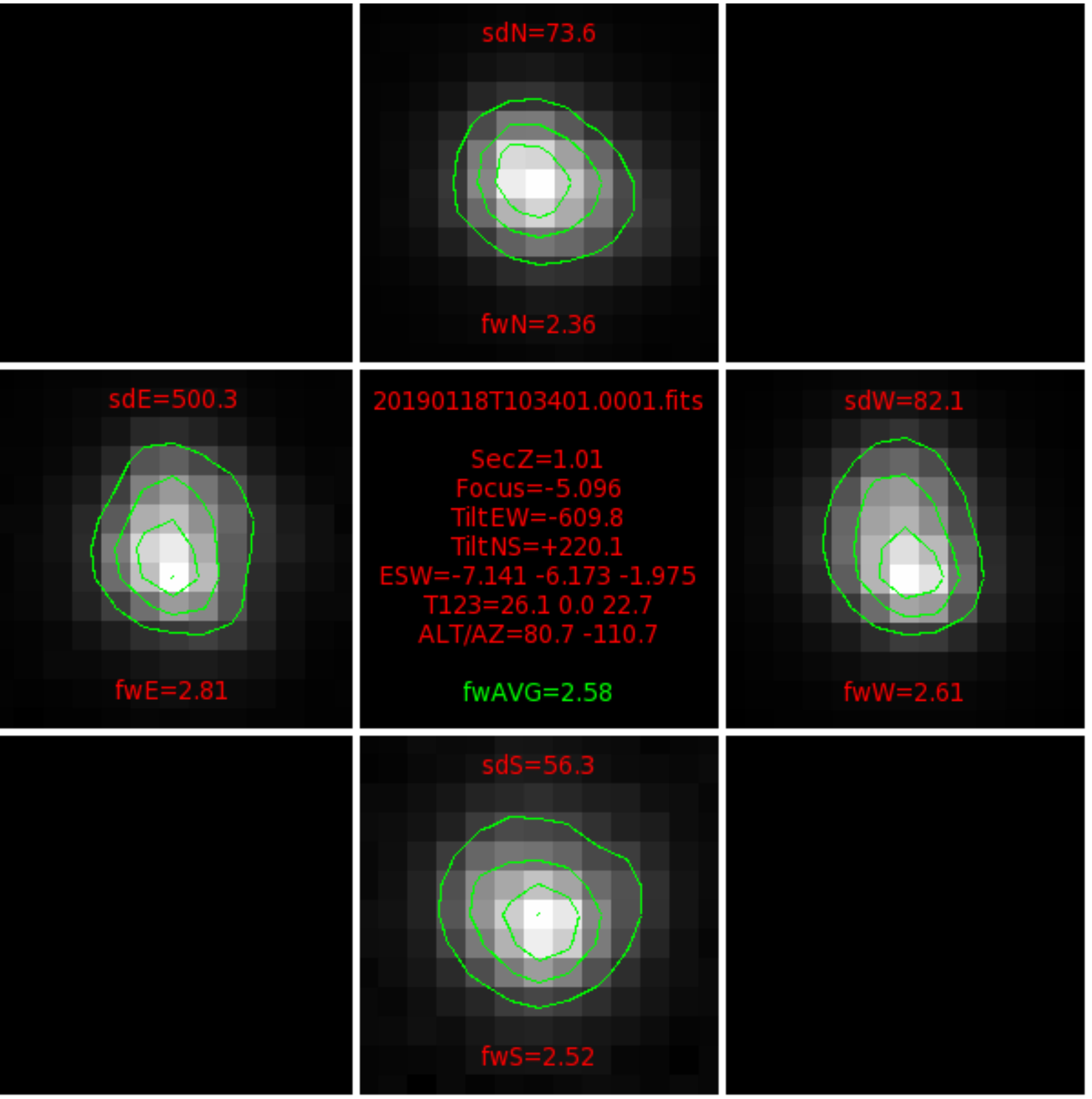
sdN=73.6
fwN=2.36
sdE=500.3
fwE=2.81
20190118T103401.0001.fits
SecZ=1.01
Focus=-5.096
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.141 -6.173 -1.975
T123=26.1 0.0 22.7
ALT/AZ=80.7 -110.7
fwAVG=2.58
sdW=82.1
fwW=2.61
sdS=56.3
fwS=2.52
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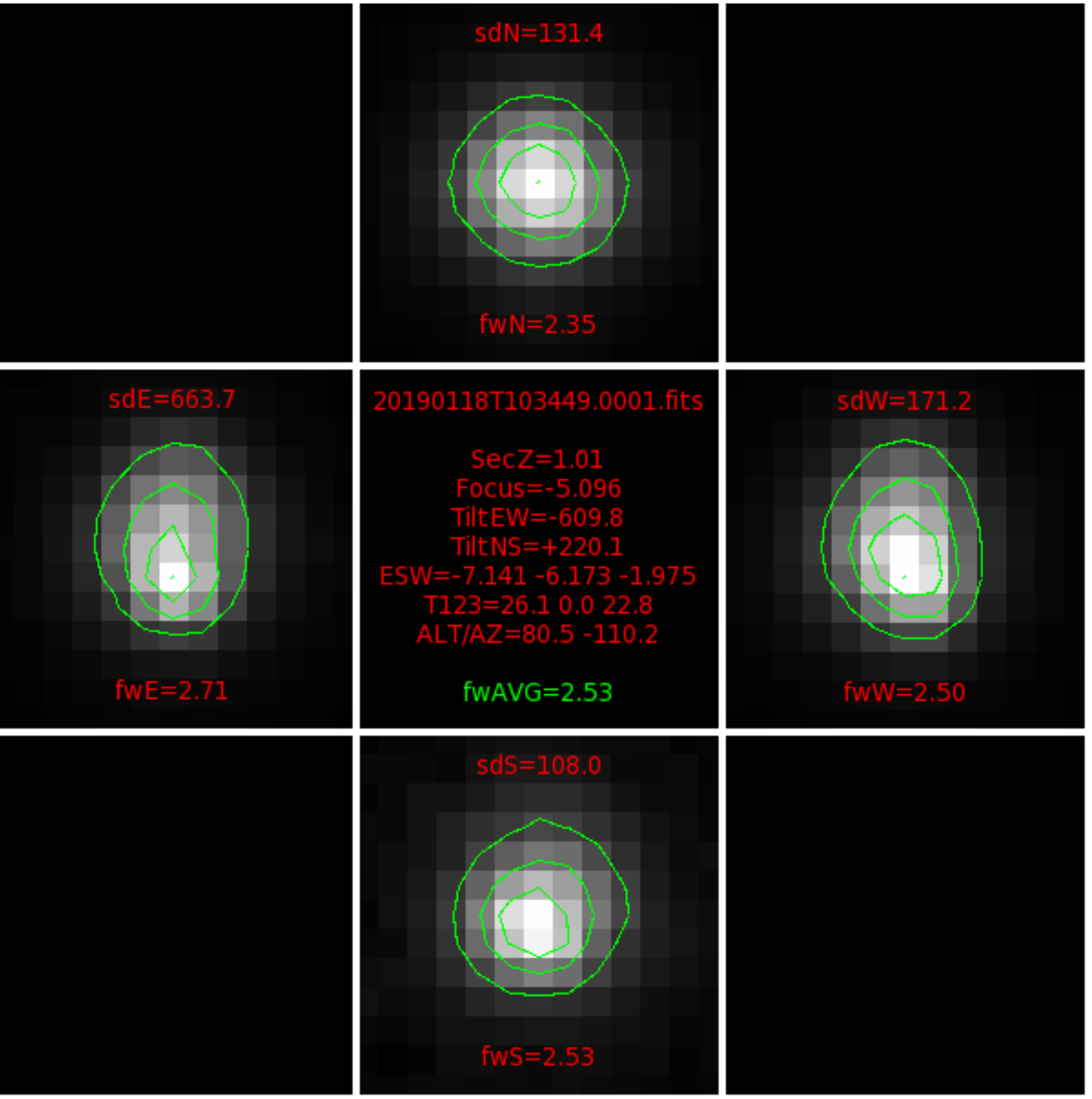
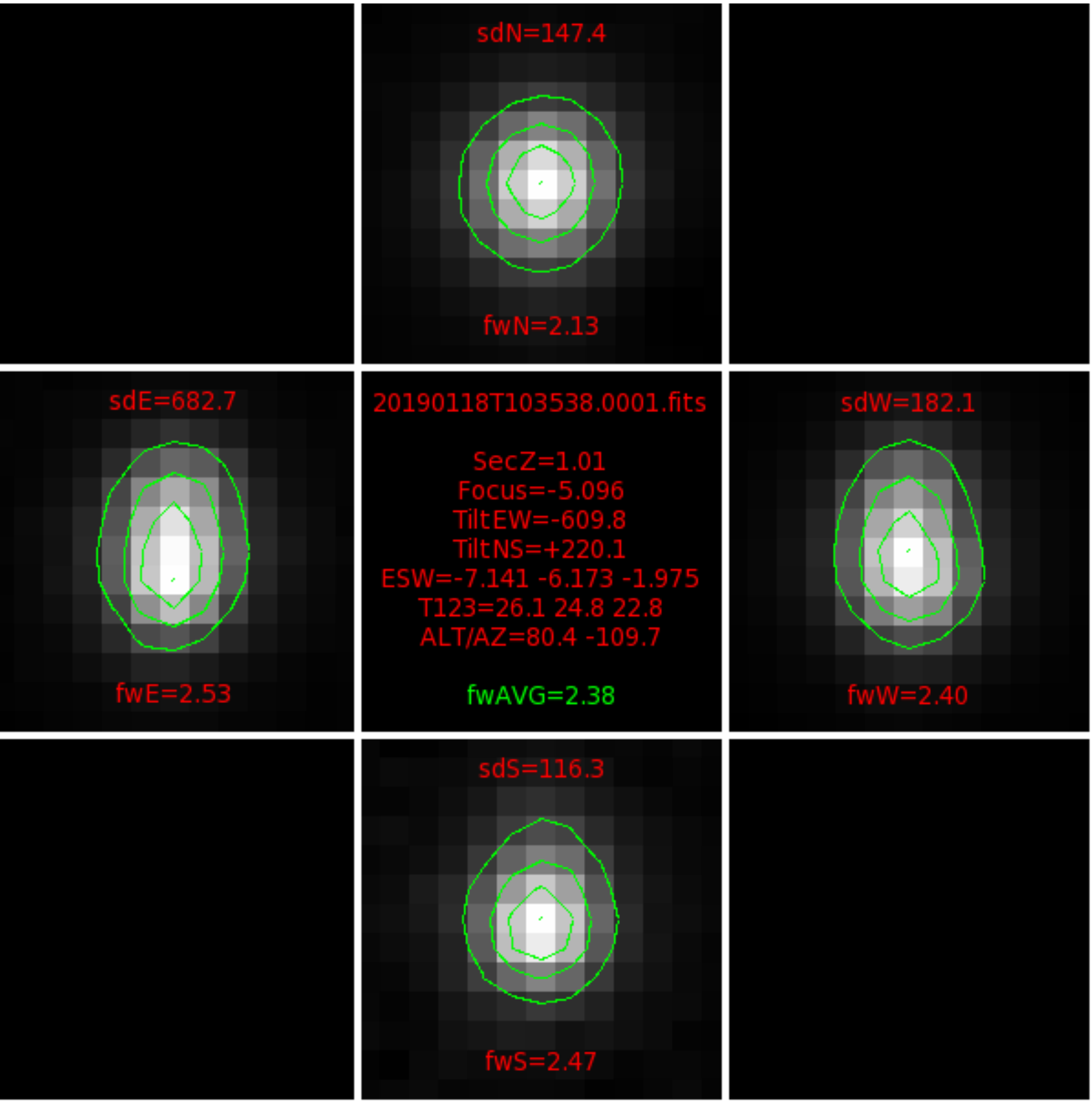

sdN=131.4
fwN=2.35
sdE=663.7
fwE=2.71
20190118T103449.0001.fits
SecZ=1.01
Focus=-5.096
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.141 -6.173 -1.975
T123=26.1 0.0 22.8
ALT/AZ=80.5 -110.2
fwAVG=2.53
sdW=171.2
fwW=2.50
sdS=108.0
fwS=2.53
0 0 0 0 0 0 0 0 0


sdN=147.4
fwN=2.13
sdE=682.7
fwE=2.53
20190118T103538.0001.fits
SecZ=1.01
Focus=-5.096
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.141 -6.173 -1.975
T123=26.1 24.8 22.8
ALT/AZ=80.4 -109.7
fwAVG=2.38
sdW=182.1
fwW=2.40
sdS=116.3
fwS=2.47
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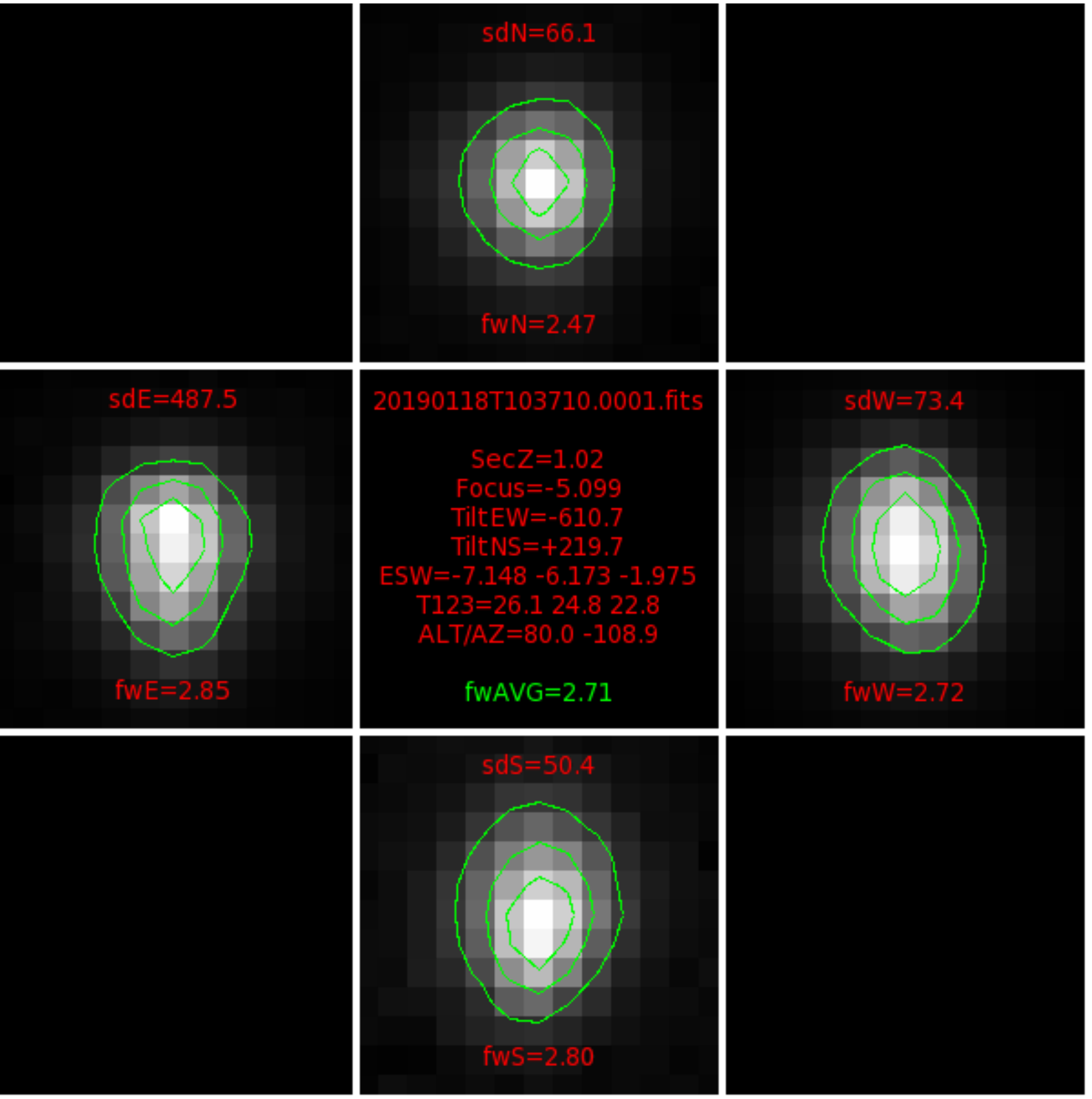
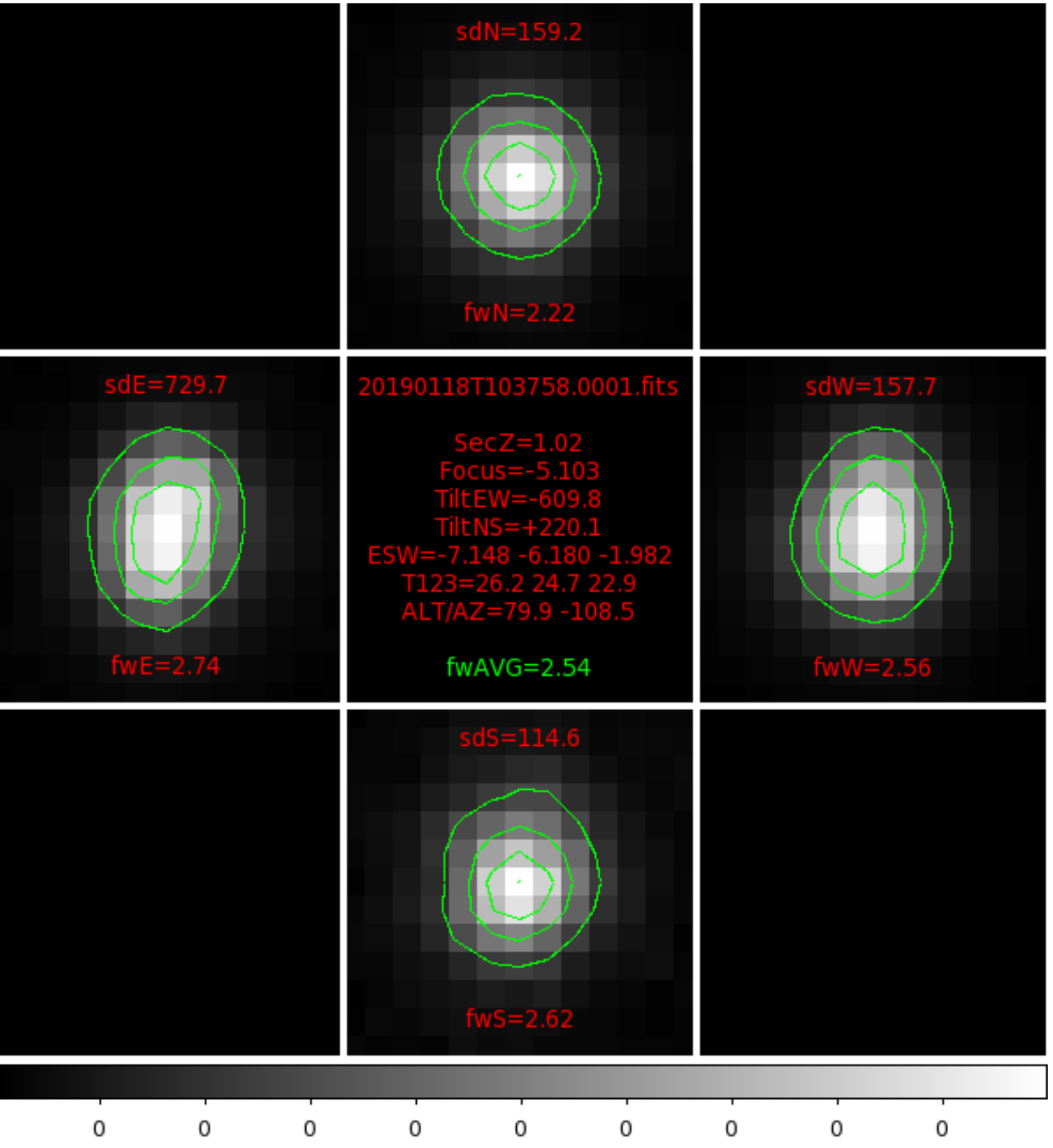

sdN=66.1
fwN=2.47
sdE=487.5
fwE=2.85
20190118T103710.0001.fits
SecZ=1.02
Focus=-5.099
TiltEW=-610.7
TiltNS=+219.7
ESW=-7.148 -6.173 -1.975
T123=26.1 24.8 22.8
ALT/AZ=80.0 -108.9
fwAVG=2.71
sdW=73.4
fwW=2.72
sdS=50.4
fwS=2.80
0 0 0 0 0 0 0 0 0


sdN=159.2
fwN=2.22
sdE=729.7
fwE=2.74
20190118T103758.0001.fits
SecZ=1.02
Focus=-5.103
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.148 -6.180 -1.982
T123=26.2 24.7 22.9
ALT/AZ=79.9 -108.5
fwAVG=2.54
sdW=157.7
fwW=2.56
sdS=114.6
fwS=2.62
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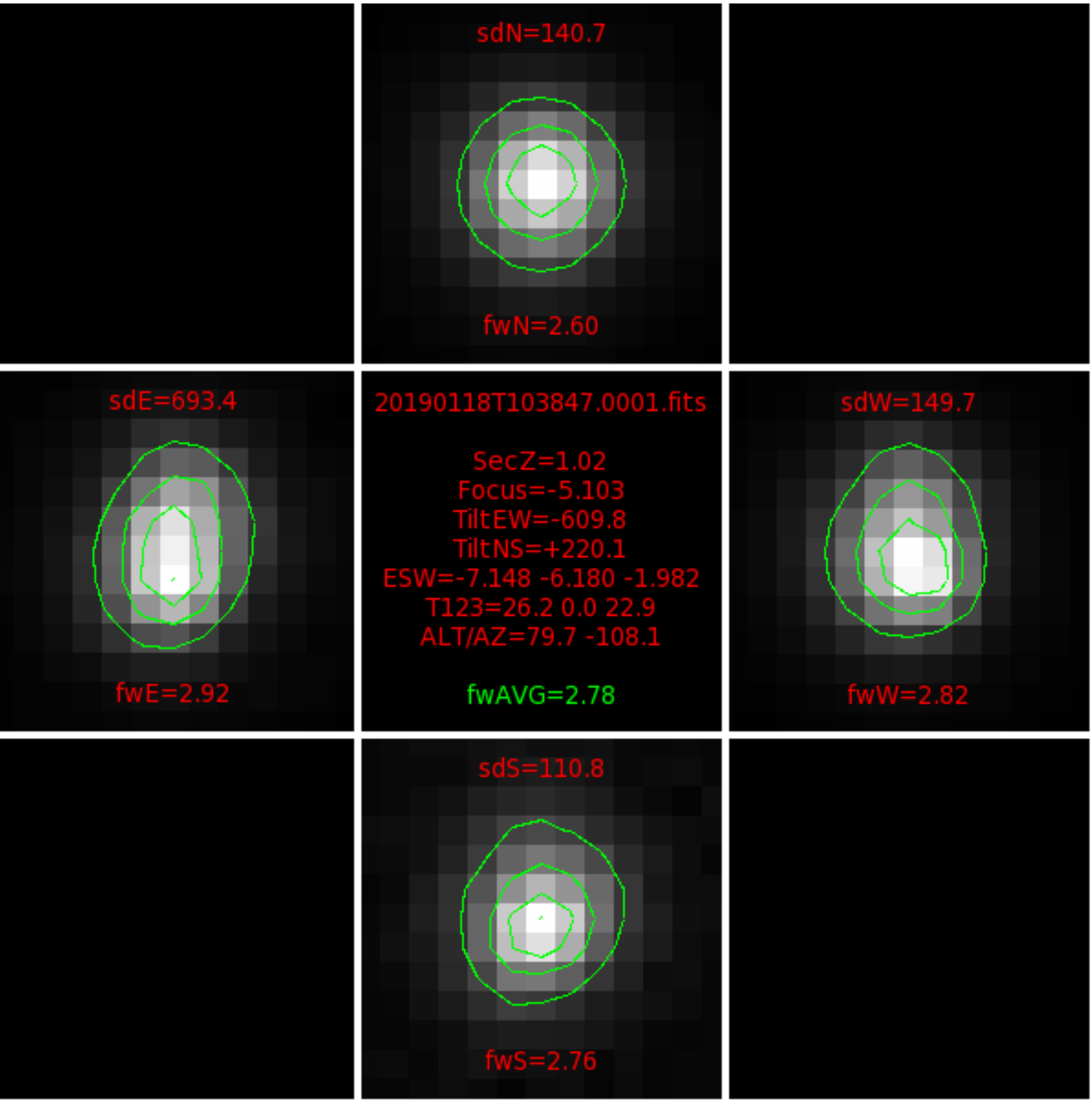
sdN=140.7
fwN=2.60
sdE=693.4
fwE=2.92
20190118T103847.0001.fits
SecZ=1.02
Focus=-5.103
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.148 -6.180 -1.982
T123=26.2 0.0 22.9
ALT/AZ=79.7 -108.1
fwAVG=2.78
sdW=149.7
fwW=2.82
sdS=110.8
fwS=2.76
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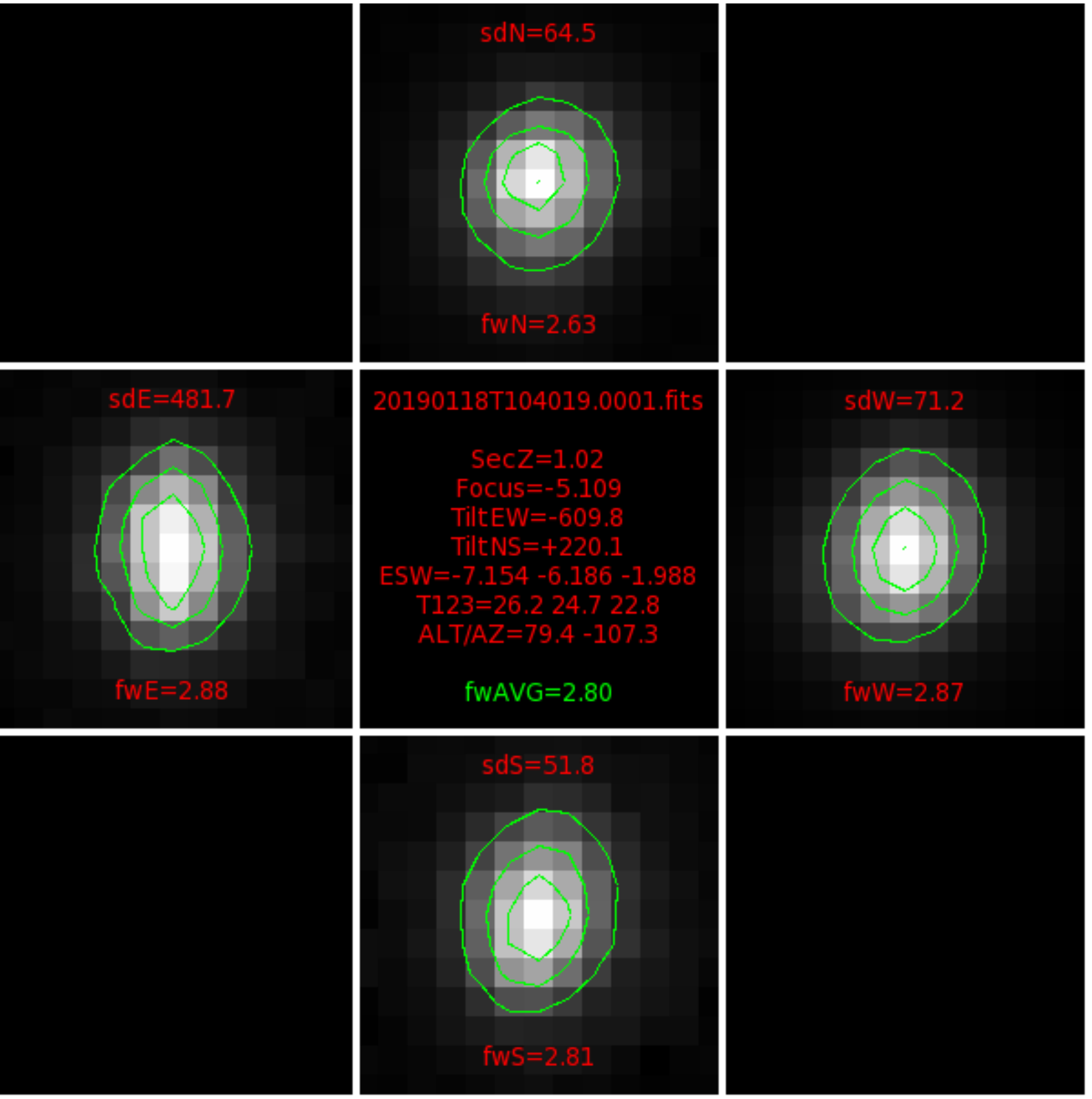
sdN=64.5
fwN=2.63
sdE=481.7
fwE=2.88
20190118T104019.0001.fits
SecZ=1.02
Focus=-5.109
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.154 -6.186 -1.988
T123=26.2 24.7 22.8
ALT/AZ=79.4 -107.3
fwAVG=2.80
sdW=71.2
fwW=2.87
sdS=51.8
fwS=2.81
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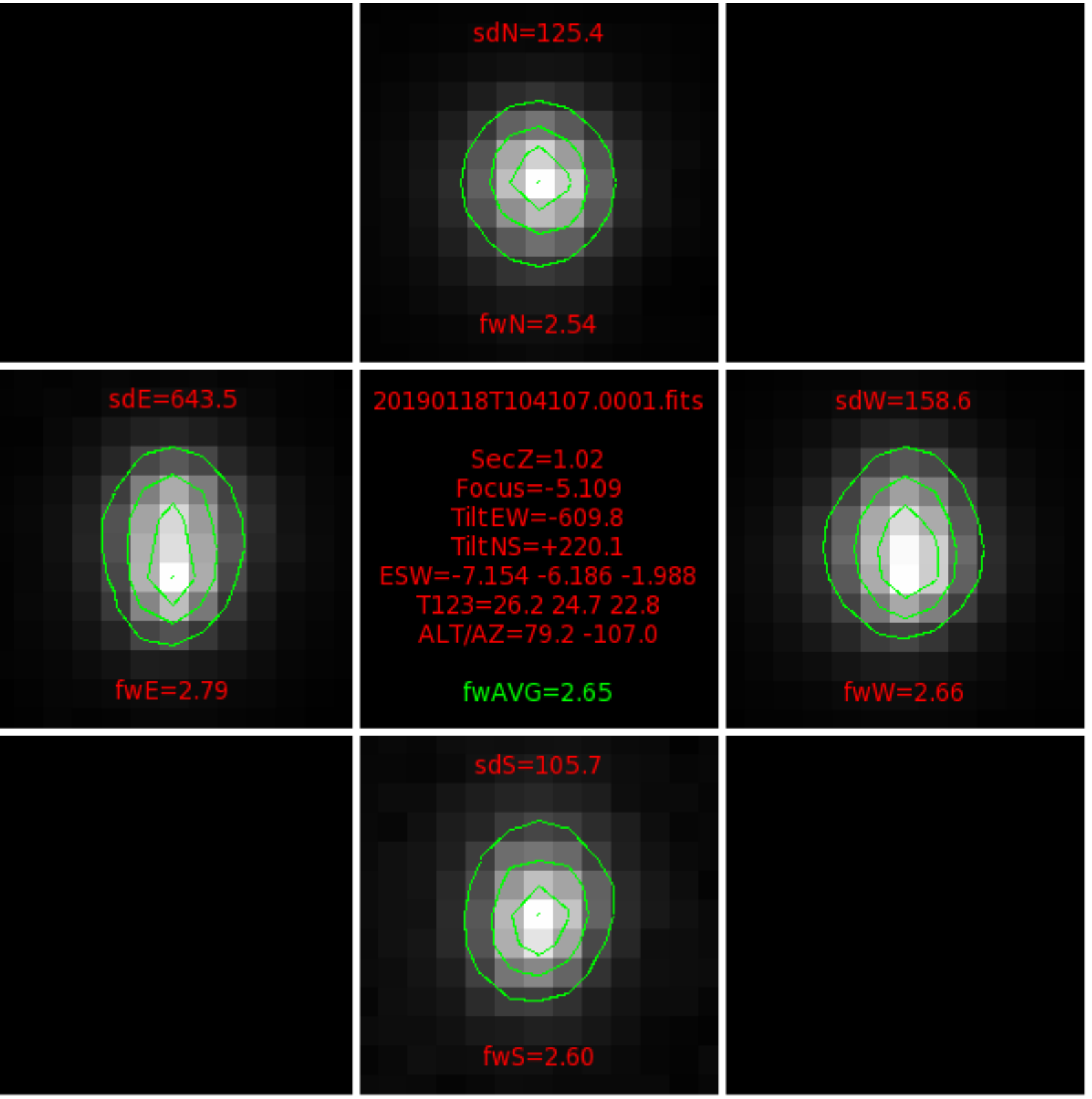
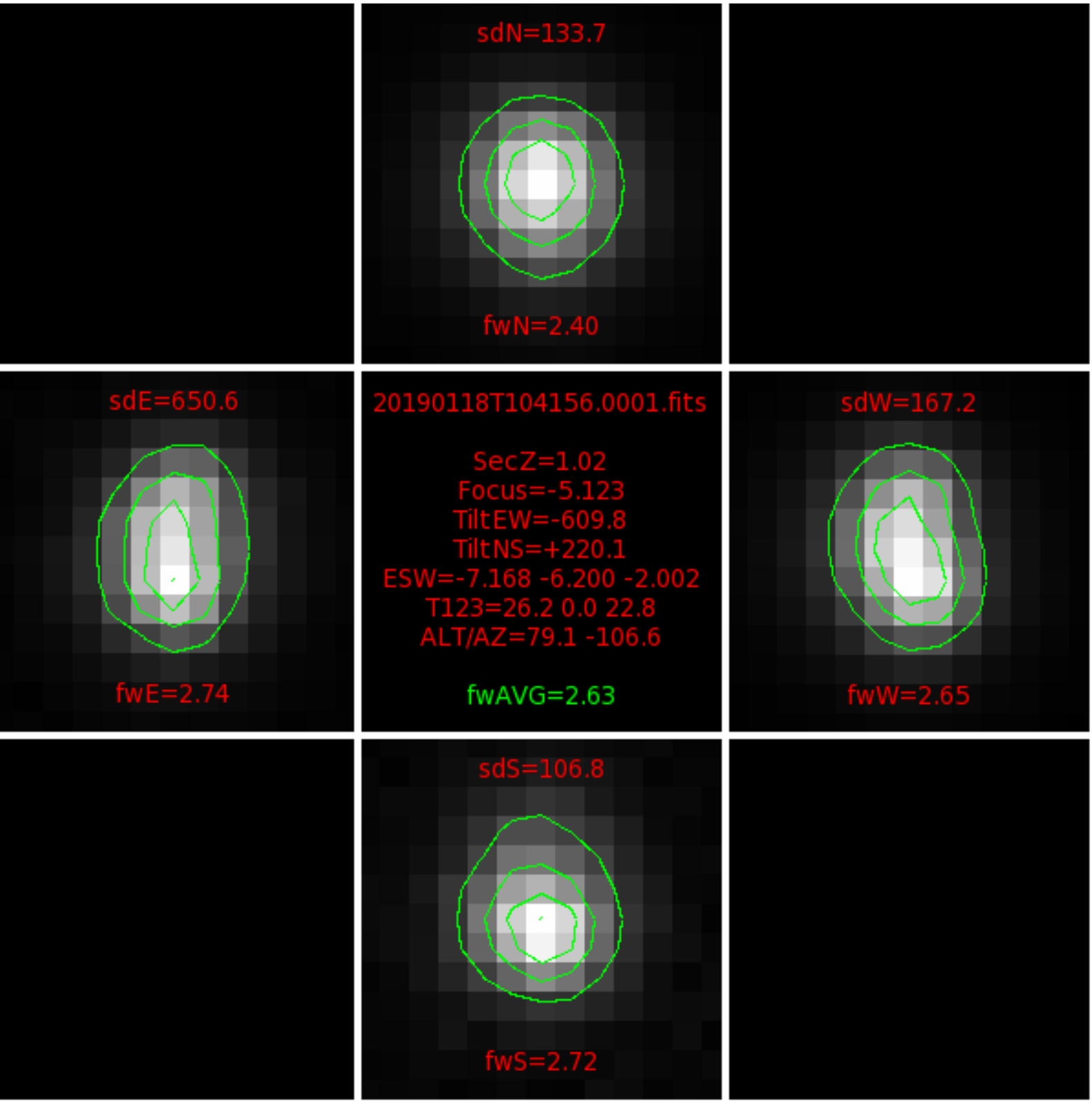

sdN=125.4
fwN=2.54
sdE=643.5
fwE=2.79
20190118T104107.0001.fits
SecZ=1.02
Focus=-5.109
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.154 -6.186 -1.988
T123=26.2 24.7 22.8
ALT/AZ=79.2 -107.0
fwAVG=2.65
sdW=158.6
fwW=2.66
sdS=105.7
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=133.7
fwN=2.40
sdE=650.6
fwE=2.74
20190118T104156.0001.fits
SecZ=1.02
Focus=-5.123
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.168 -6.200 -2.002
T123=26.2 0.0 22.8
ALT/AZ=79.1 -106.6
fwAVG=2.63
sdW=167.2
fwW=2.65
sdS=106.8
fwS=2.72
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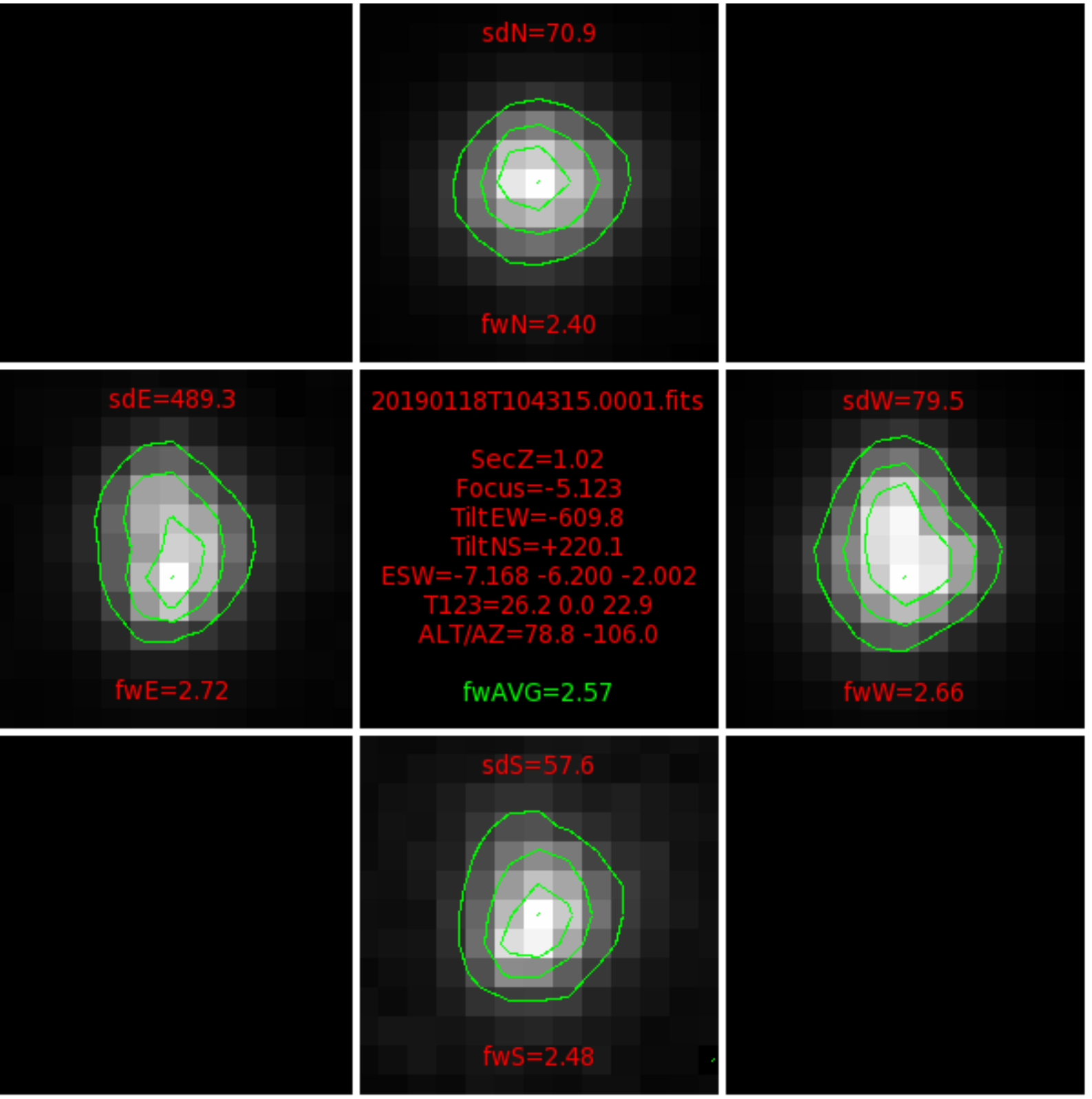
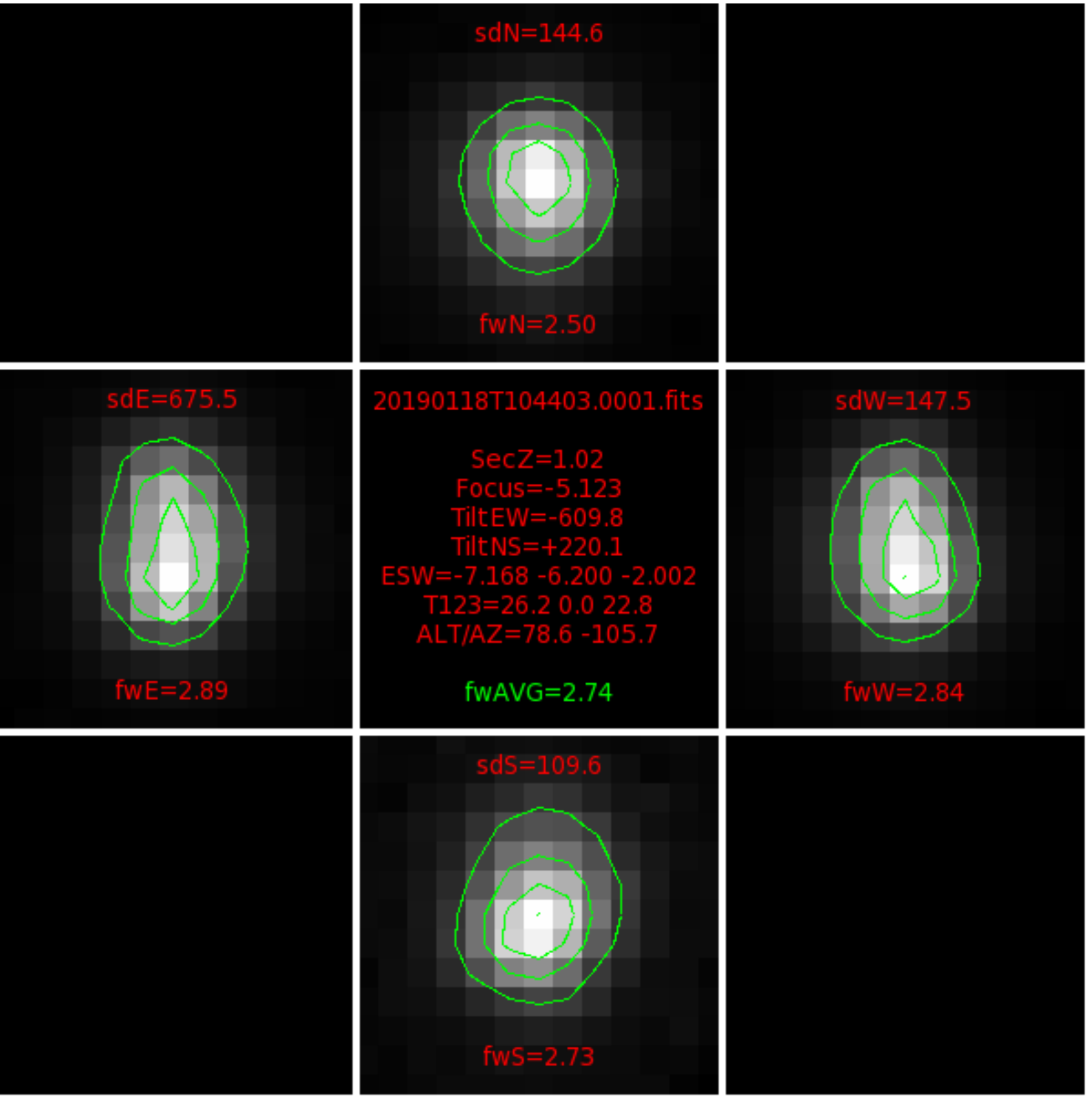

sdN=70.9
fwN=2.40
sdE=489.3
fwE=2.72
20190118T104315.0001.fits
SecZ=1.02
Focus=-5.123
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.168 -6.200 -2.002
T123=26.2 0.0 22.9
ALT/AZ=78.8 -106.0
fwAVG=2.57
sdW=79.5
fwW=2.66
sdS=57.6
fwS=2.48
0 0 0 0 0 0 0 0 0


sdN=144.6
fwN=2.50
sdE=675.5
fwE=2.89
20190118T104403.0001.fits
SecZ=1.02
Focus=-5.123
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.168 -6.200 -2.002
T123=26.2 0.0 22.8
ALT/AZ=78.6 -105.7
fwAVG=2.74
sdW=147.5
fwW=2.84
sdS=109.6
fwS=2.73
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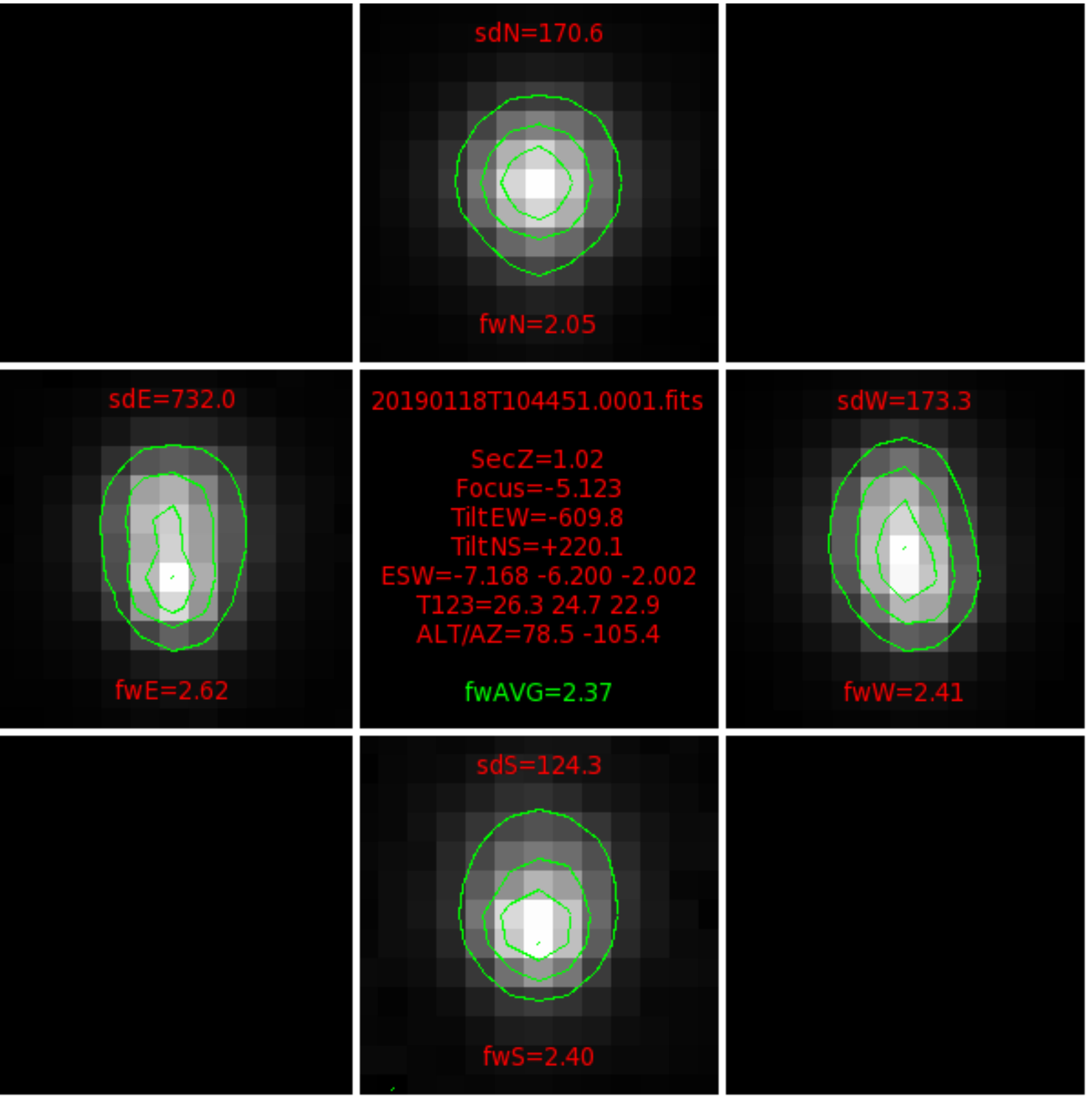
sdN=170.6
fwN=2.05
sdE=732.0
fwE=2.62
20190118T104451.0001.fits
SecZ=1.02
Focus=-5.123
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.168 -6.200 -2.002
T123=26.3 24.7 22.9
ALT/AZ=78.5 -105.4
fwAVG=2.37
sdW=173.3
fwW=2.41
sdS=124.3
fwS=2.40
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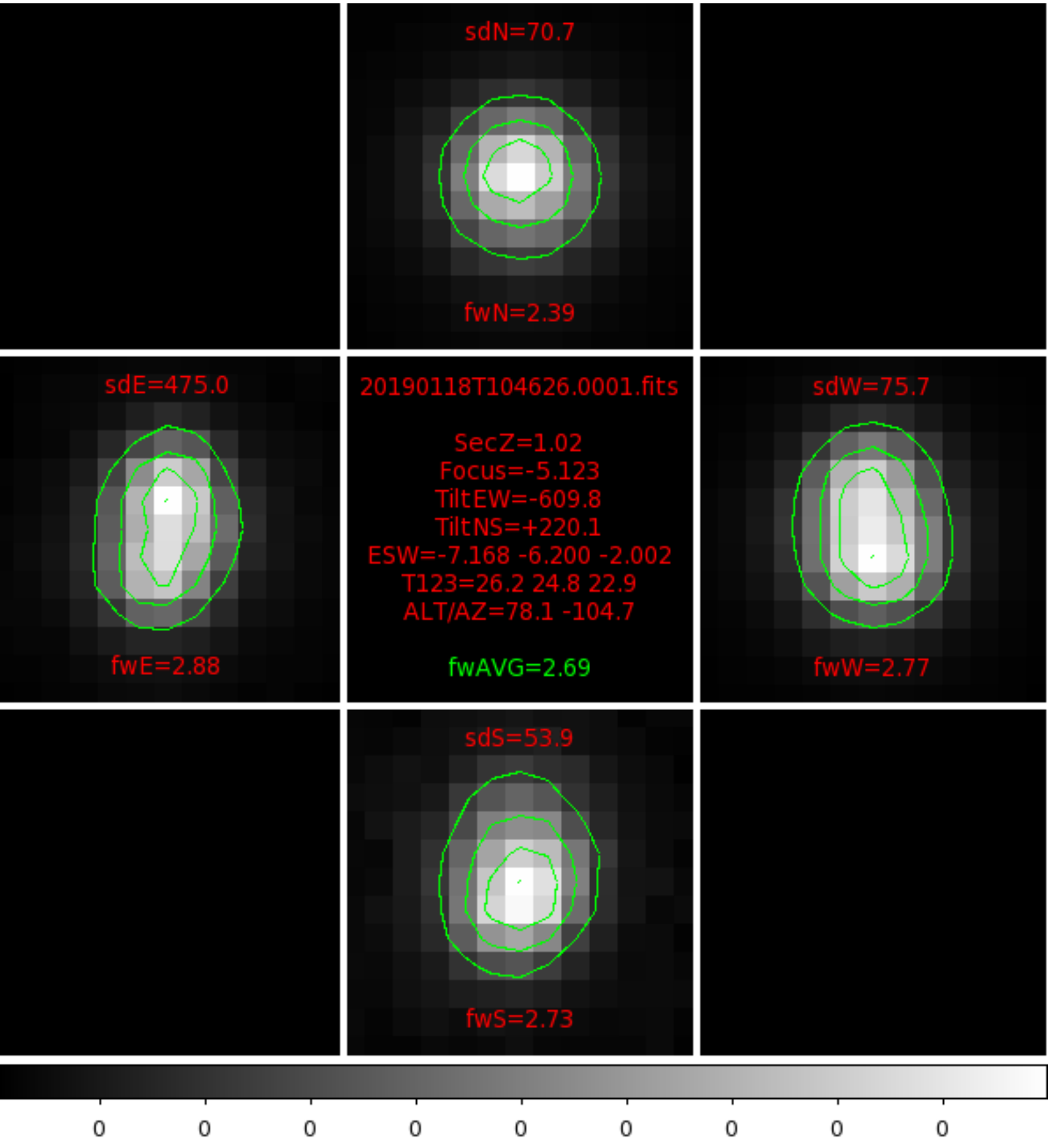
sdN=70.7
fwN=2.39
sdE=475.0
fwE=2.88
20190118T104626.0001.fits
SecZ=1.02
Focus=-5.123
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.168 -6.200 -2.002
T123=26.2 24.8 22.9
ALT/AZ=78.1 -104.7
fwAVG=2.69
sdW=75.7
fwW=2.77
sdS=53.9
fwS=2.73
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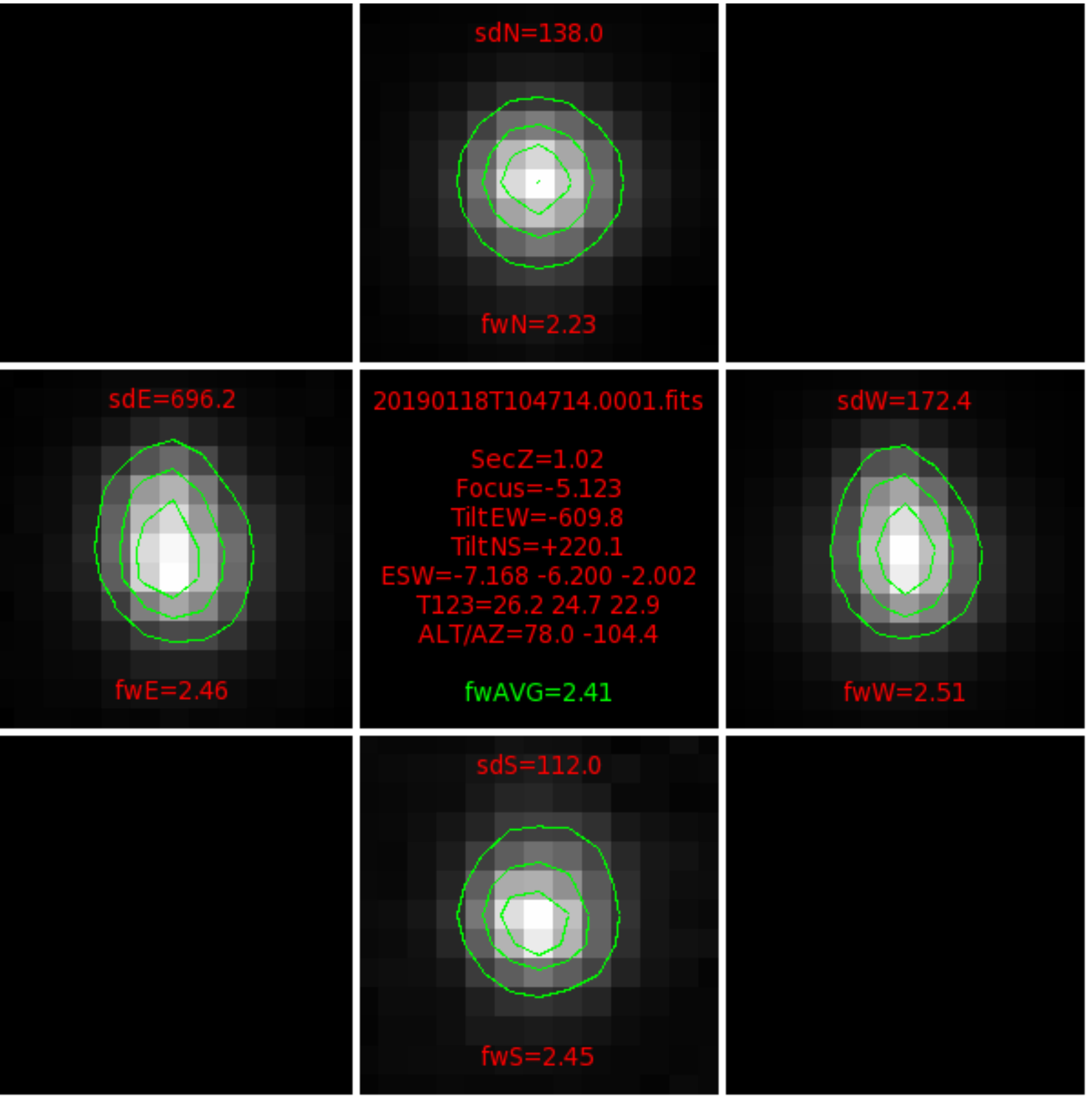
sdN=138.0
fwN=2.23
sdE=696.2
fwE=2.46
20190118T104714.0001.fits
SecZ=1.02
Focus=-5.123
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.168 -6.200 -2.002
T123=26.2 24.7 22.9
ALT/AZ=78.0 -104.4
fwAVG=2.41
sdW=172.4
fwW=2.51
sdS=112.0
fwS=2.45
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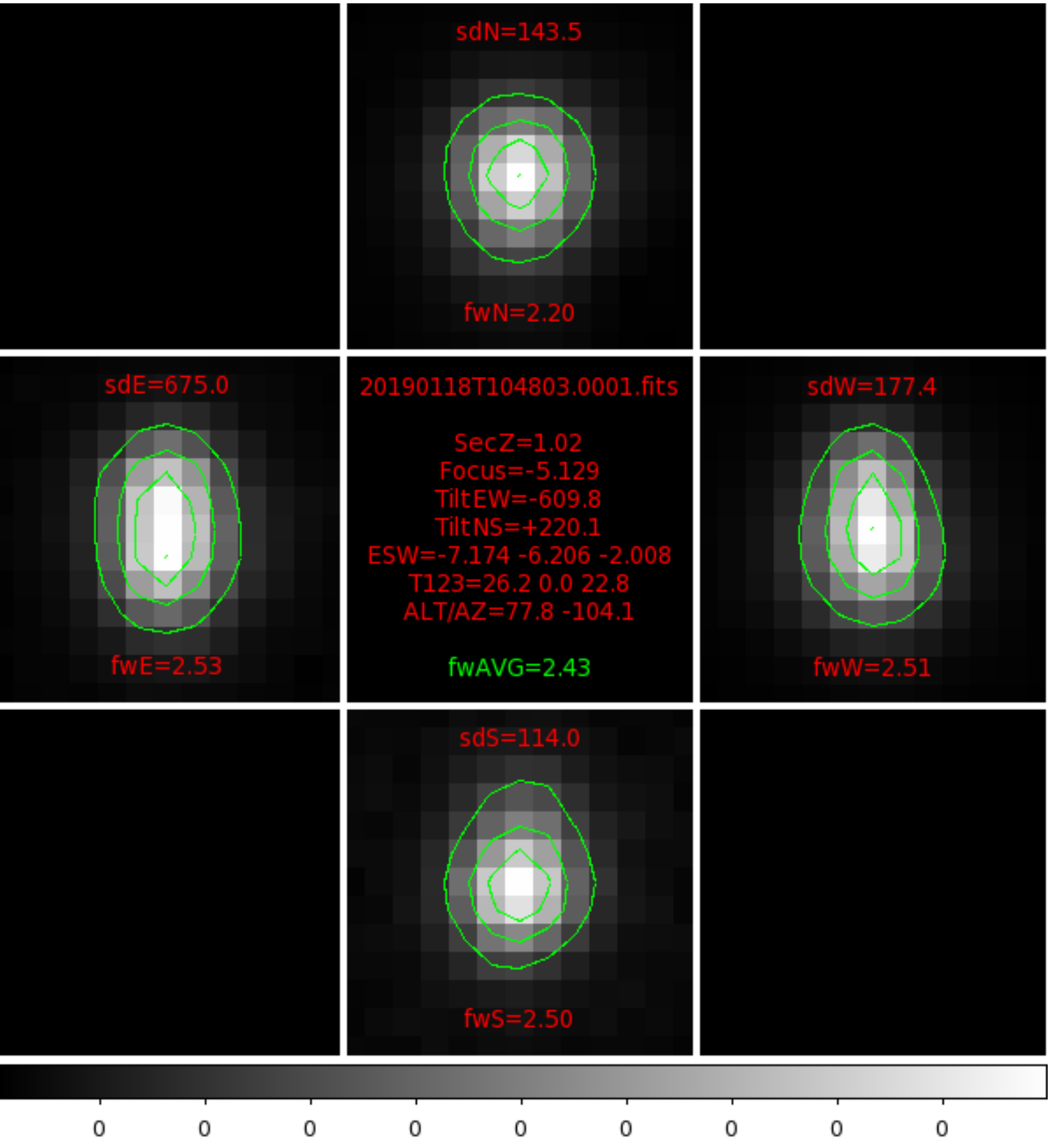
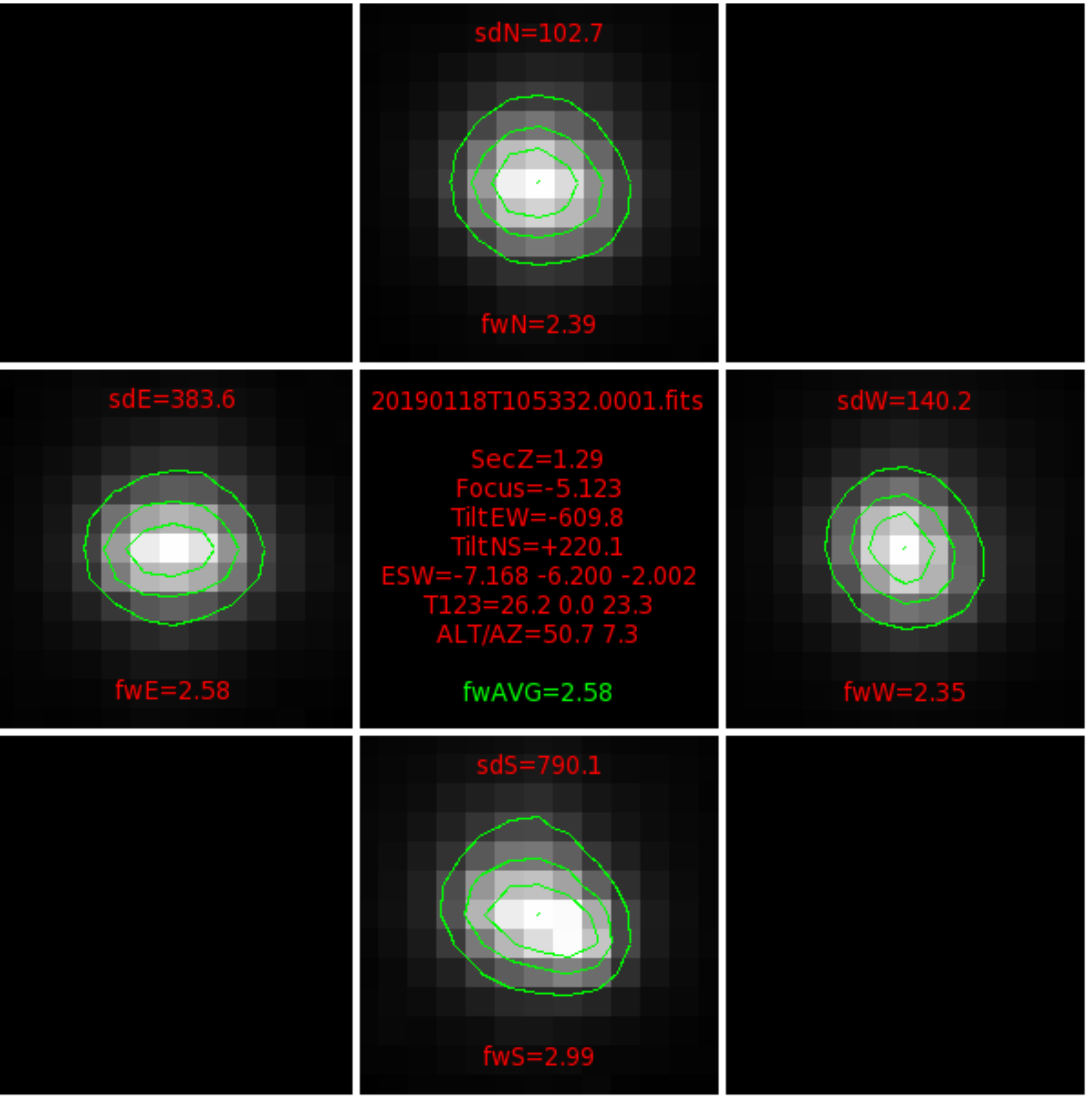

sdN=143.5
fwN=2.20
sdE=675.0
fwE=2.53
20190118T104803.0001.fits
SecZ=1.02
Focus=-5.129
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.174 -6.206 -2.008
T123=26.2 0.0 22.8
ALT/AZ=77.8 -104.1
fwAVG=2.43
sdW=177.4
fwW=2.51
sdS=114.0
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=102.7
fwN=2.39
sdE=383.6
fwE=2.58
20190118T105332.0001.fits
SecZ=1.29
Focus=-5.123
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.168 -6.200 -2.002
T123=26.2 0.0 23.3
ALT/AZ=50.7 7.3
fwAVG=2.58
sdW=140.2
fwW=2.35
sdS=790.1
fwS=2.99
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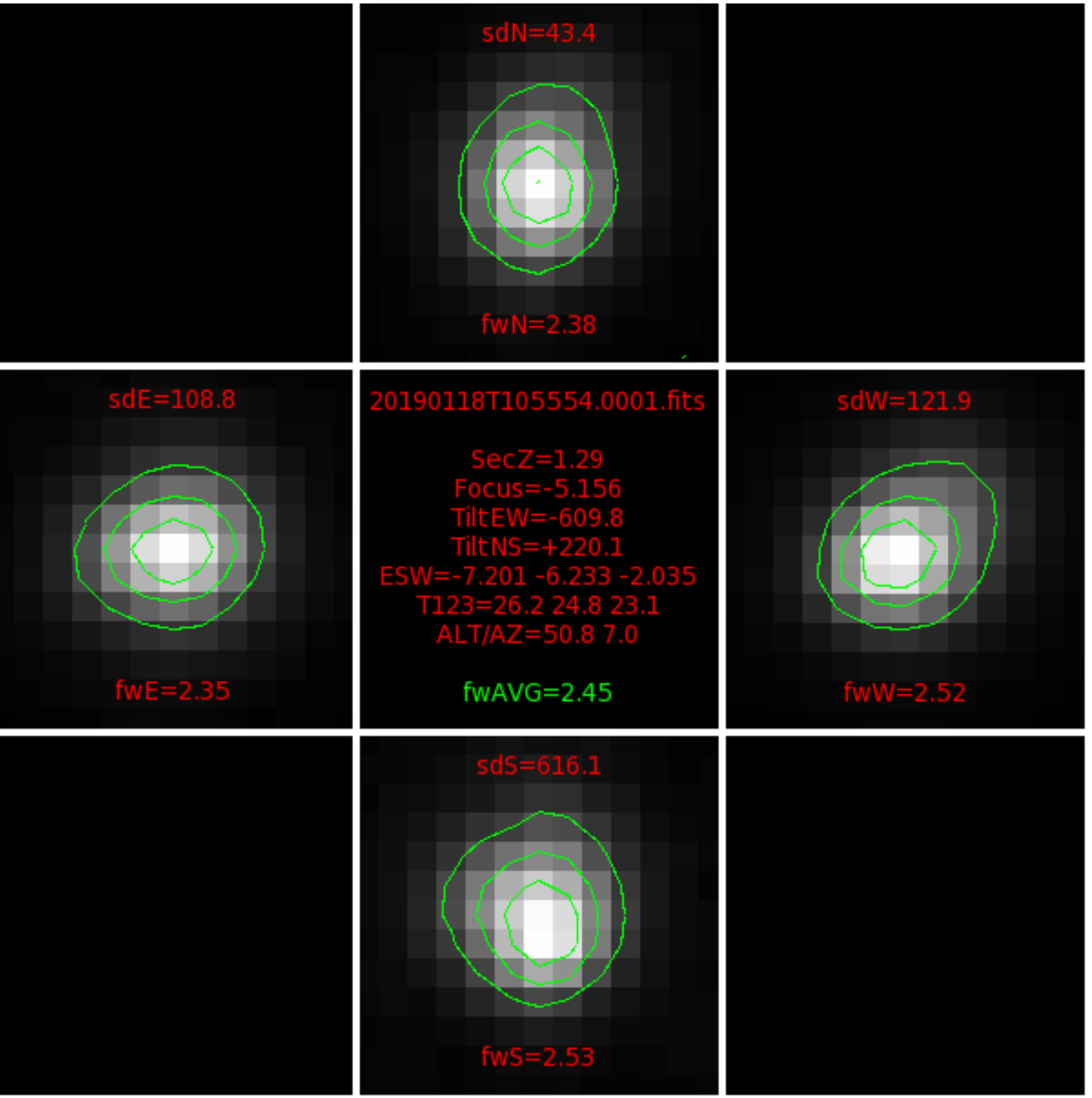
sdN=43.4
fwN=2.38
sdE=108.8
fwE=2.35
20190118T105554.0001.fits
SecZ=1.29
Focus=-5.156
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.201 -6.233 -2.035
T123=26.2 24.8 23.1
ALT/AZ=50.8 7.0
fwAVG=2.45
sdW=121.9
fwW=2.52
sdS=616.1
fwS=2.53
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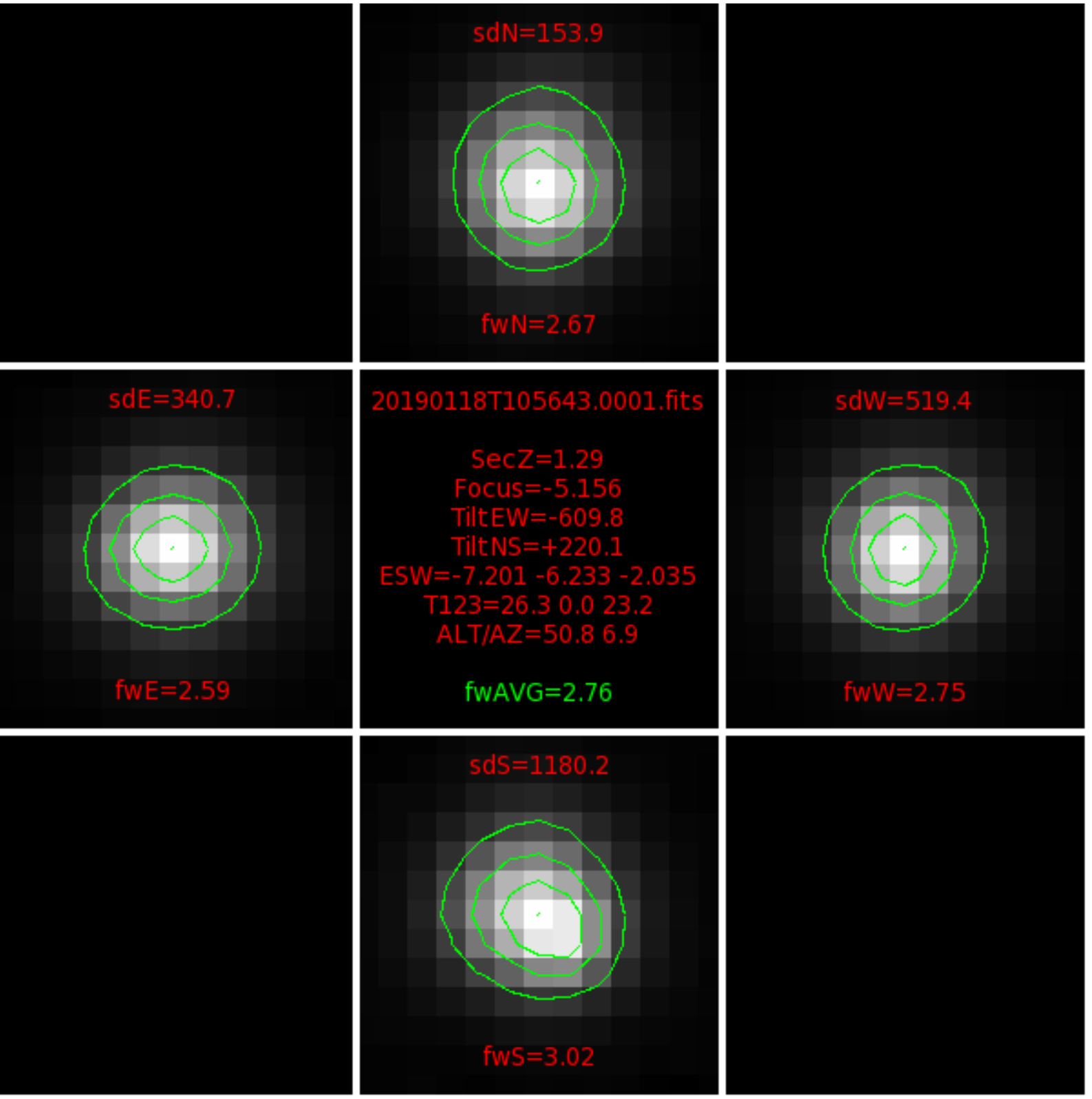
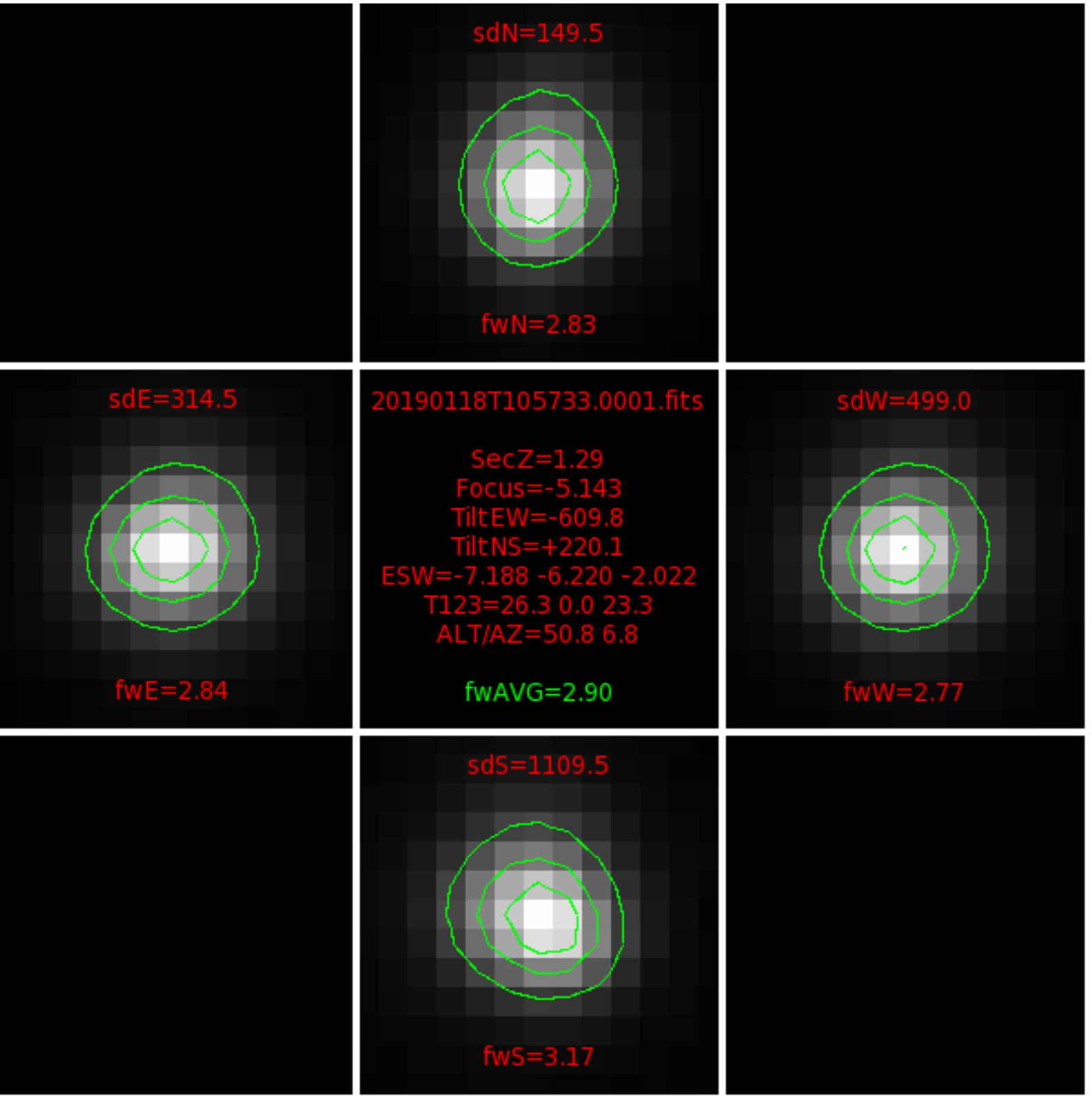

sdN=153.9
fwN=2.67
sdE=340.7
fwE=2.59
20190118T105643.0001.fits
SecZ=1.29
Focus=-5.156
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.201 -6.233 -2.035
T123=26.3 0.0 23.2
ALT/AZ=50.8 6.9
fwAVG=2.76
sdW=519.4
fwW=2.75
sdS=1180.2
fwS=3.02
0 0 0 0 0 0 0 0 0


sdN=149.5
fwN=2.83
sdE=314.5
fwE=2.84
20190118T105733.0001.fits
SecZ=1.29
Focus=-5.143
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.188 -6.220 -2.022
T123=26.3 0.0 23.3
ALT/AZ=50.8 6.8
fwAVG=2.90
sdW=499.0
fwW=2.77
sdS=1109.5
fwS=3.17
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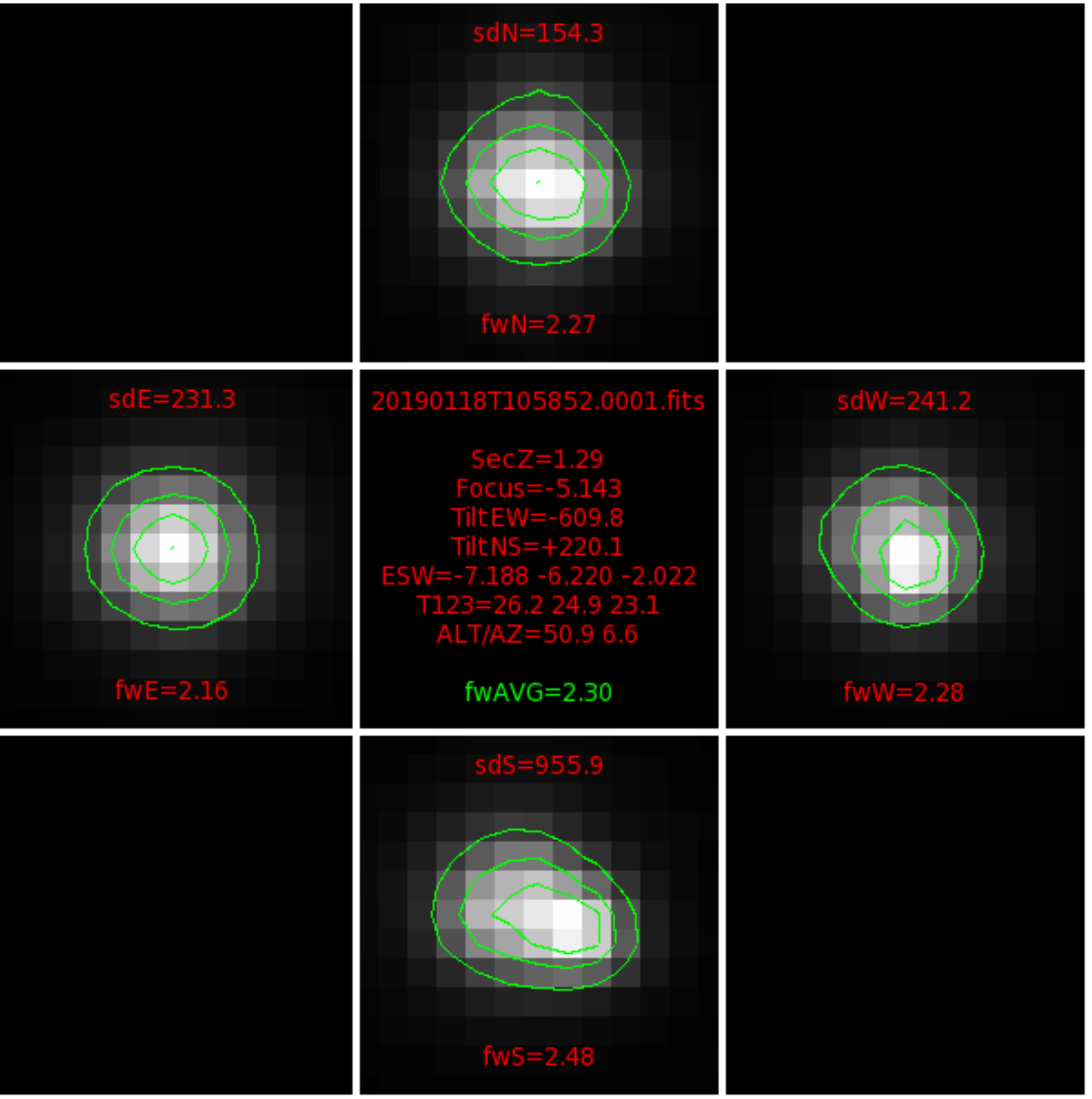
sdN=154.3
fwN=2.27
sdE=231.3
fwE=2.16
20190118T105852.0001.fits
SecZ=1.29
Focus=-5.143
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.188 -6.220 -2.022
T123=26.2 24.9 23.1
ALT/AZ=50.9 6.6
fwAVG=2.30
sdW=241.2
fwW=2.28
sdS=955.9
fwS=2.48
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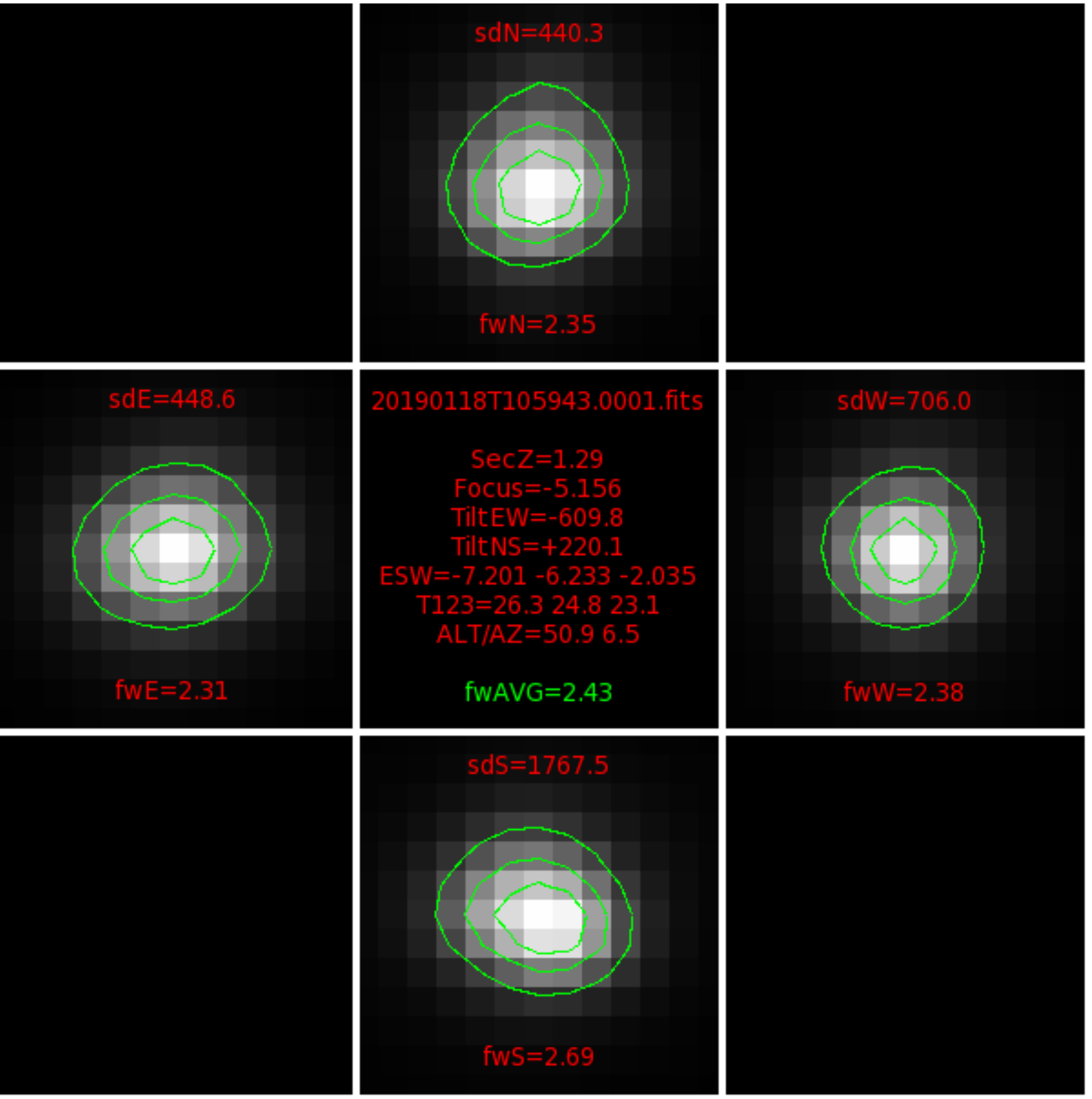
sdN=440.3
fwN=2.35
sdE=448.6
fwE=2.31
20190118T105943.0001.fits
SecZ=1.29
Focus=-5.156
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.201 -6.233 -2.035
T123=26.3 24.8 23.1
ALT/AZ=50.9 6.5
fwAVG=2.43
sdW=706.0
fwW=2.38
sdS=1767.5
fwS=2.69
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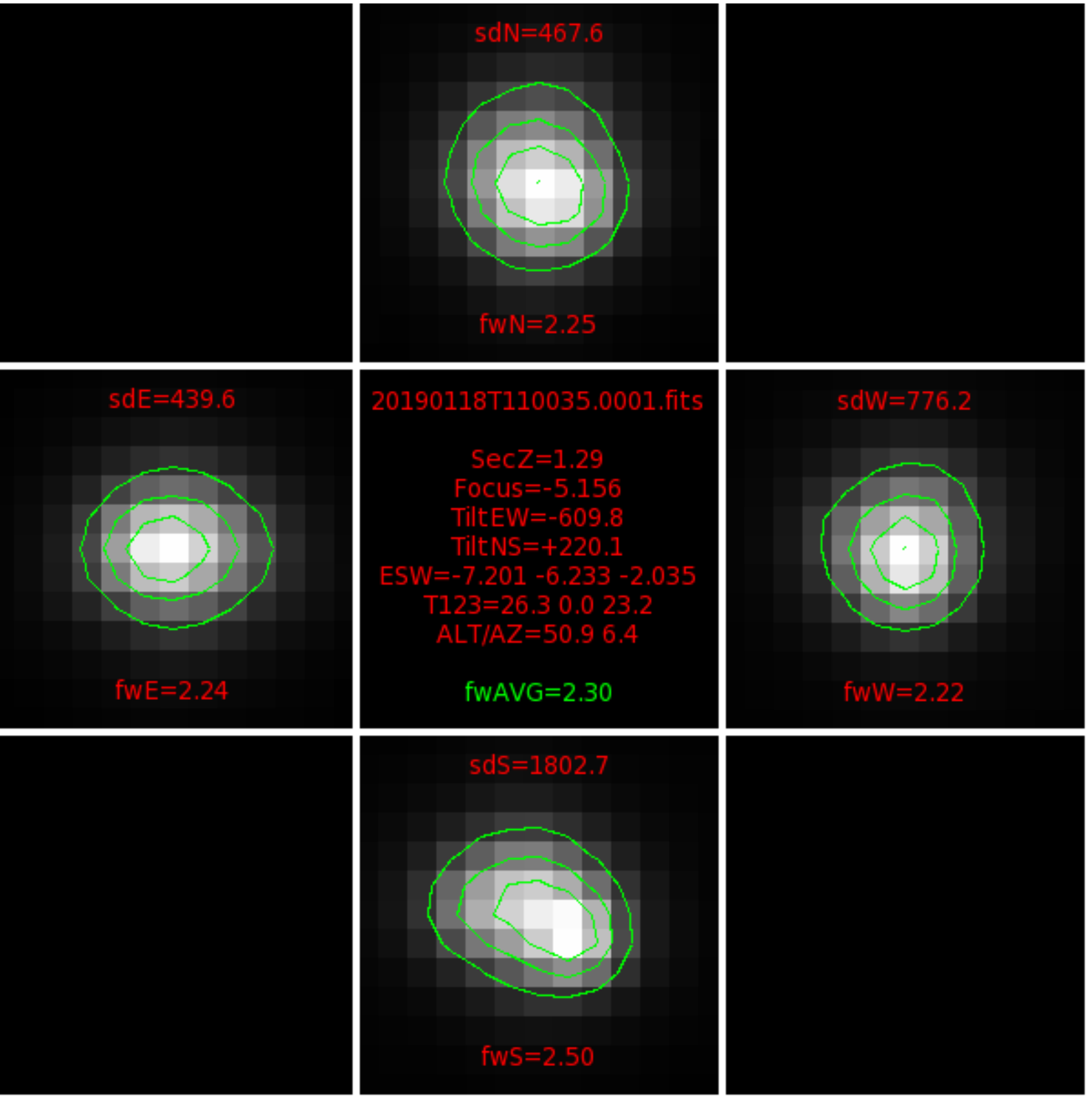
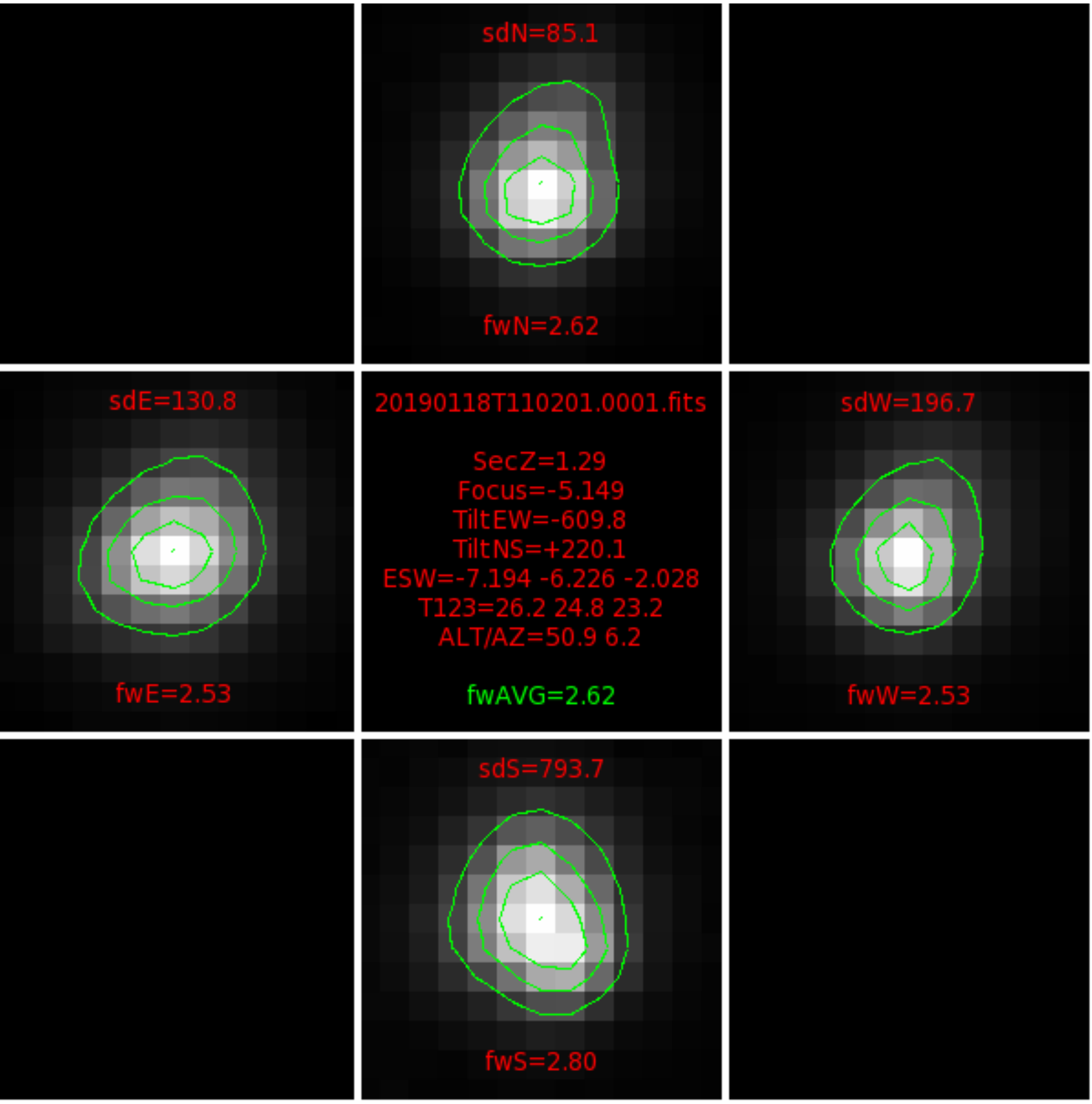

sdN=467.6
fwN=2.25
sdE=439.6
fwE=2.24
20190118T110035.0001.fits
SecZ=1.29
Focus=-5.156
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.201 -6.233 -2.035
T123=26.3 0.0 23.2
ALT/AZ=50.9 6.4
fwAVG=2.30
sdW=776.2
fwW=2.22
sdS=1802.7
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=85.1
fwN=2.62
sdE=130.8
fwE=2.53
20190118T110201.0001.fits
SecZ=1.29
Focus=-5.149
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.194 -6.226 -2.028
T123=26.2 24.8 23.2
ALT/AZ=50.9 6.2
fwAVG=2.62
sdW=196.7
fwW=2.53
sdS=793.7
fwS=2.80
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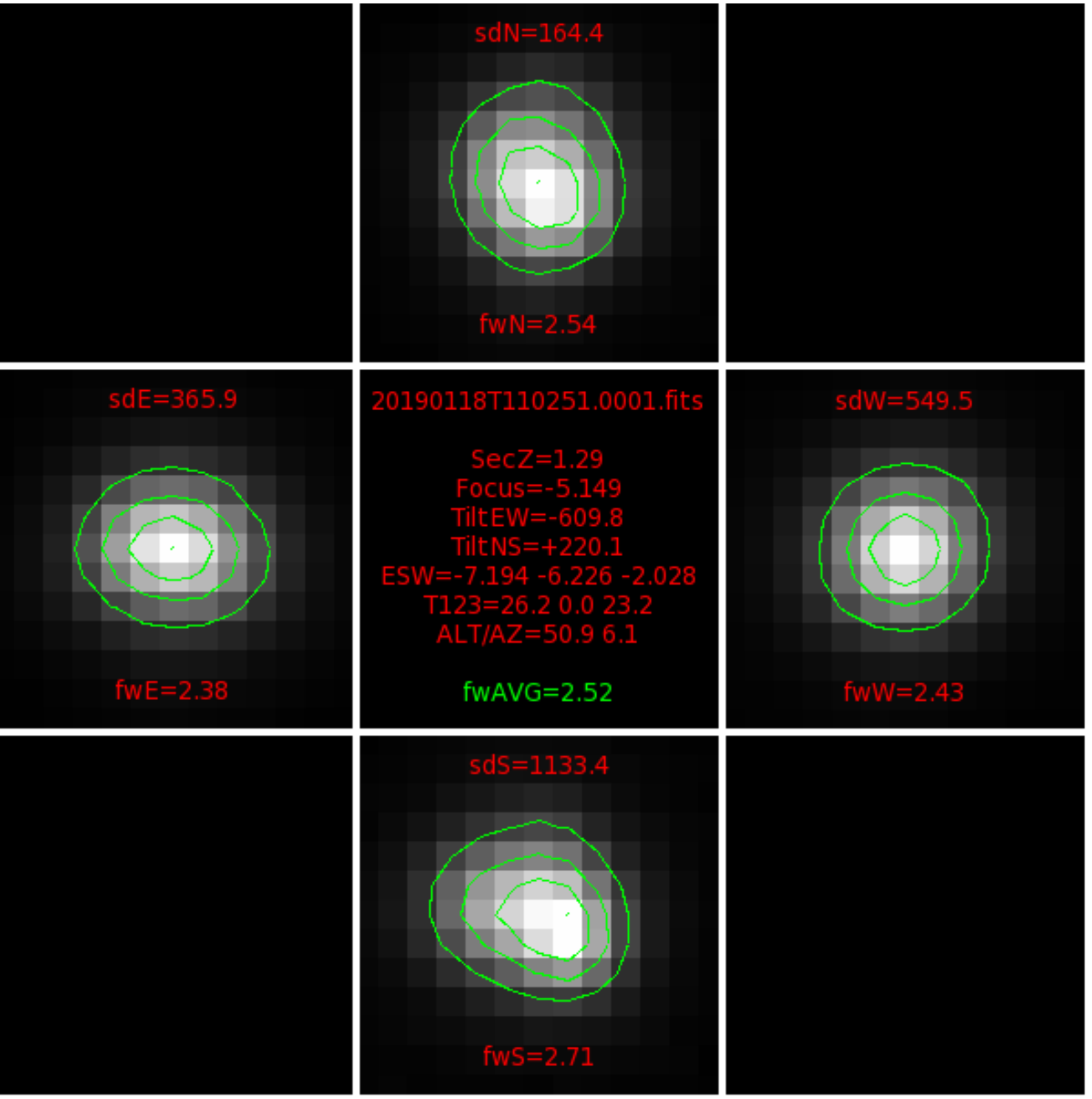
sdN=164.4
fwN=2.54
sdE=365.9
fwE=2.38
20190118T110251.0001.fits
SecZ=1.29
Focus=-5.149
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.194 -6.226 -2.028
T123=26.2 0.0 23.2
ALT/AZ=50.9 6.1
fwAVG=2.52
sdW=549.5
fwW=2.43
sdS=1133.4
fwS=2.71
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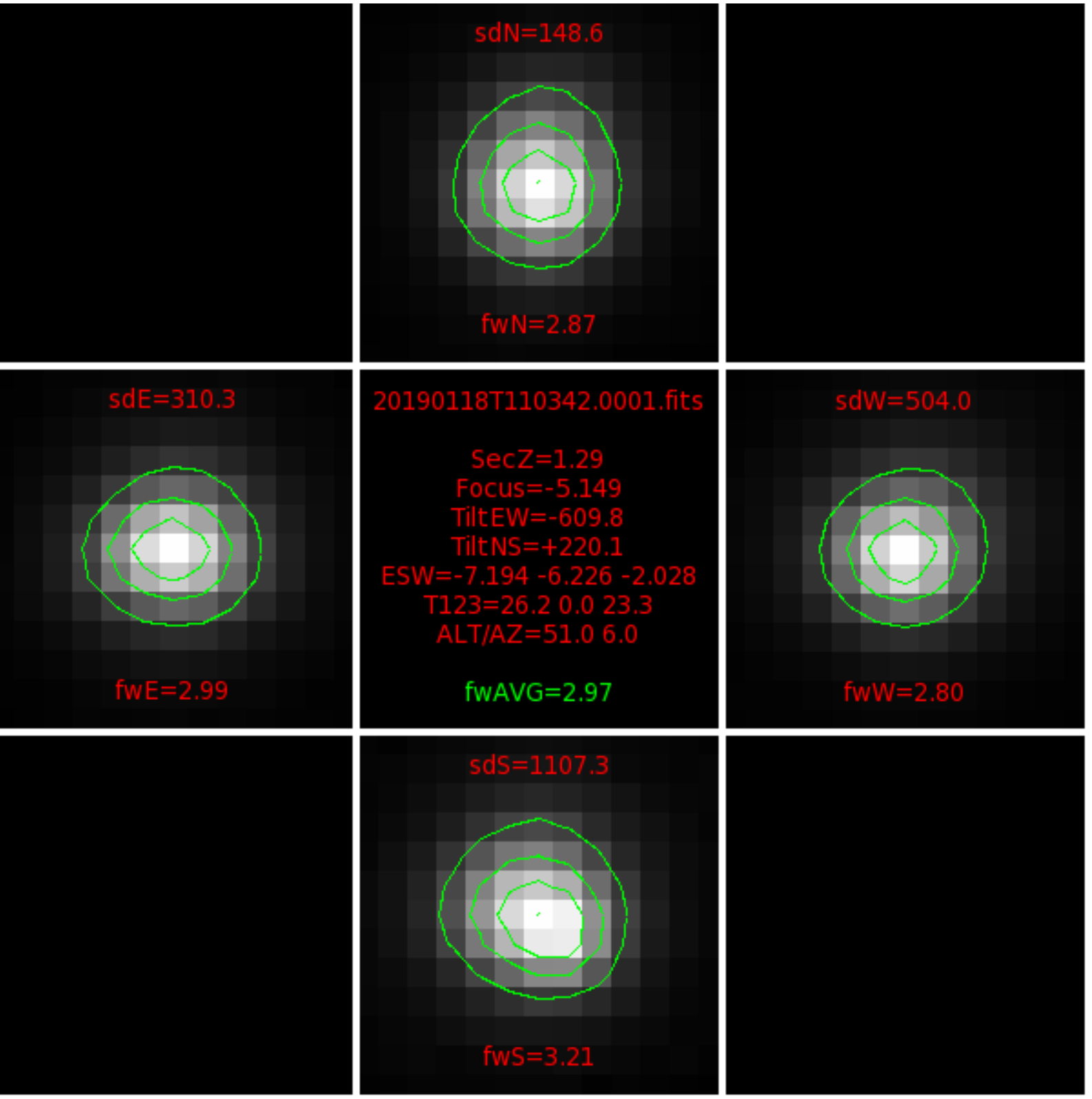
sdN=148.6
fwN=2.87
sdE=310.3
fwE=2.99
20190118T110342.0001.fits
SecZ=1.29
Focus=-5.149
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.194 -6.226 -2.028
T123=26.2 0.0 23.3
ALT/AZ=51.0 6.0
fwAVG=2.97
sdW=504.0
fwW=2.80
sdS=1107.3
fwS=3.21
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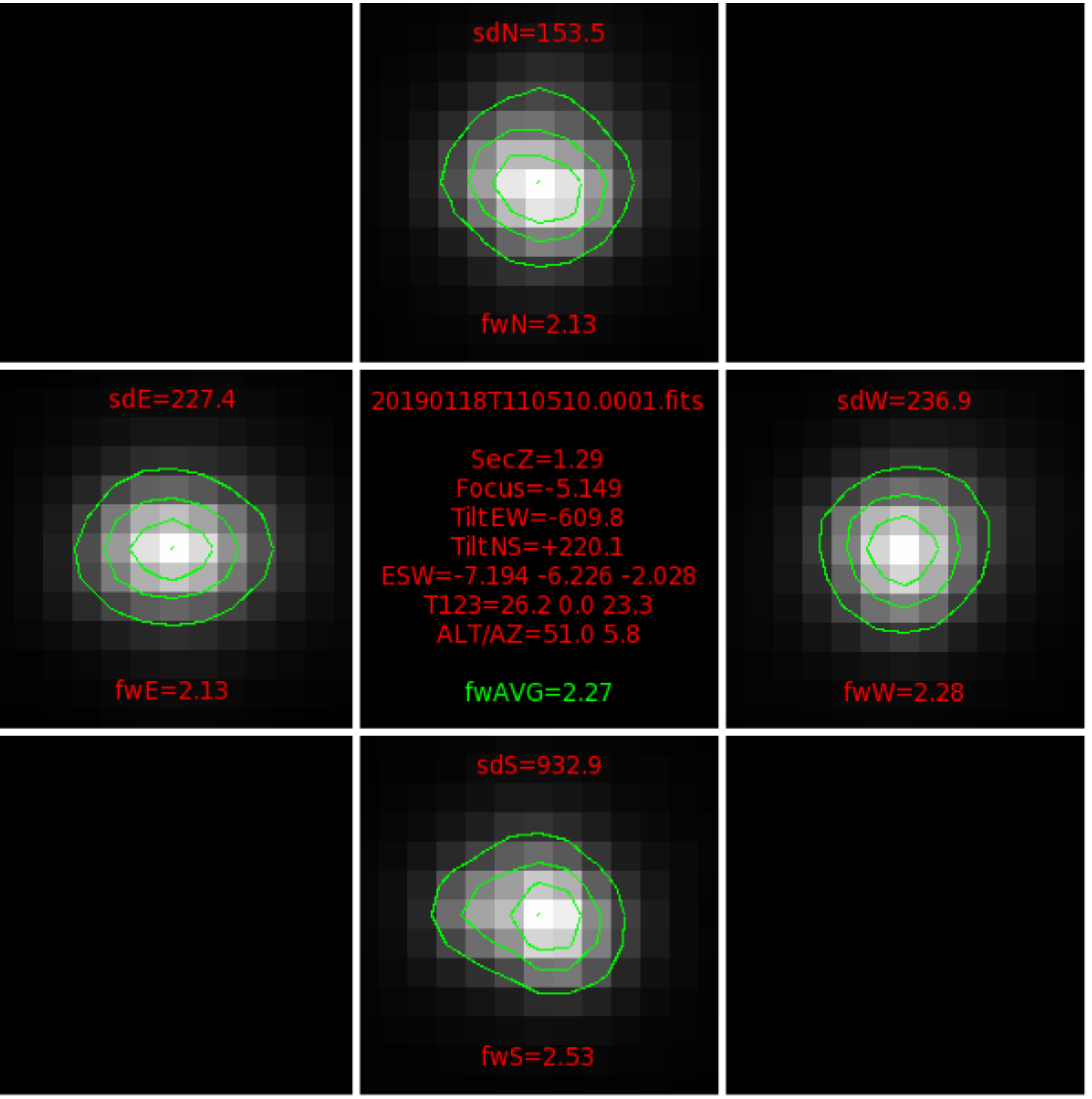
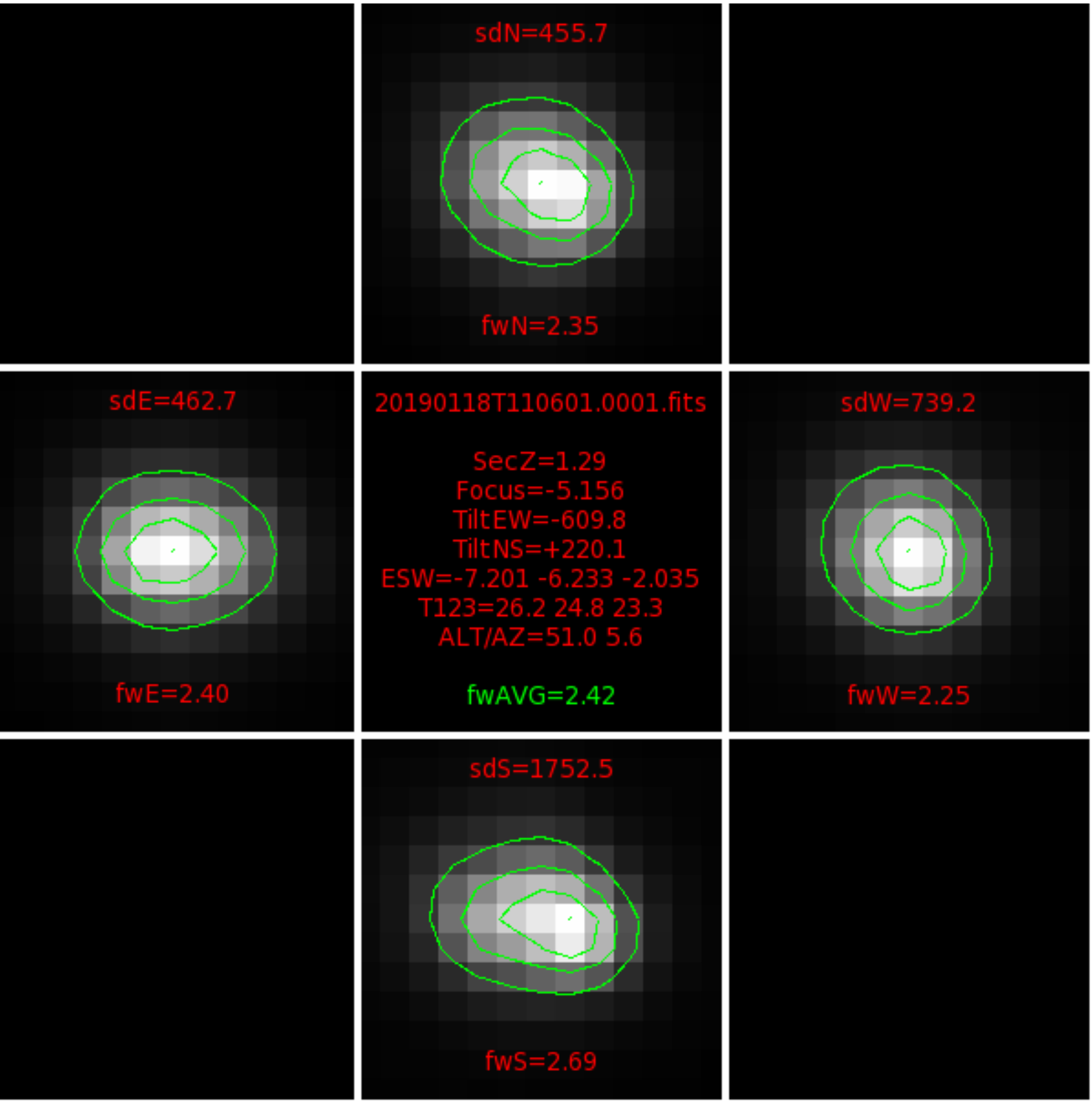

sdN=153.5
fwN=2.13
sdE=227.4
fwE=2.13
20190118T110510.0001.fits
SecZ=1.29
Focus=-5.149
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.194 -6.226 -2.028
T123=26.2 0.0 23.3
ALT/AZ=51.0 5.8
fwAVG=2.27
sdW=236.9
fwW=2.28
sdS=932.9
fwS=2.53
0 0 0 0 0 0 0 0 0


sdN=455.7
fwN=2.35
sdE=462.7
fwE=2.40
20190118T110601.0001.fits
SecZ=1.29
Focus=-5.156
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.201 -6.233 -2.035
T123=26.2 24.8 23.3
ALT/AZ=51.0 5.6
fwAVG=2.42
sdW=739.2
fwW=2.25
sdS=1752.5
fwS=2.69
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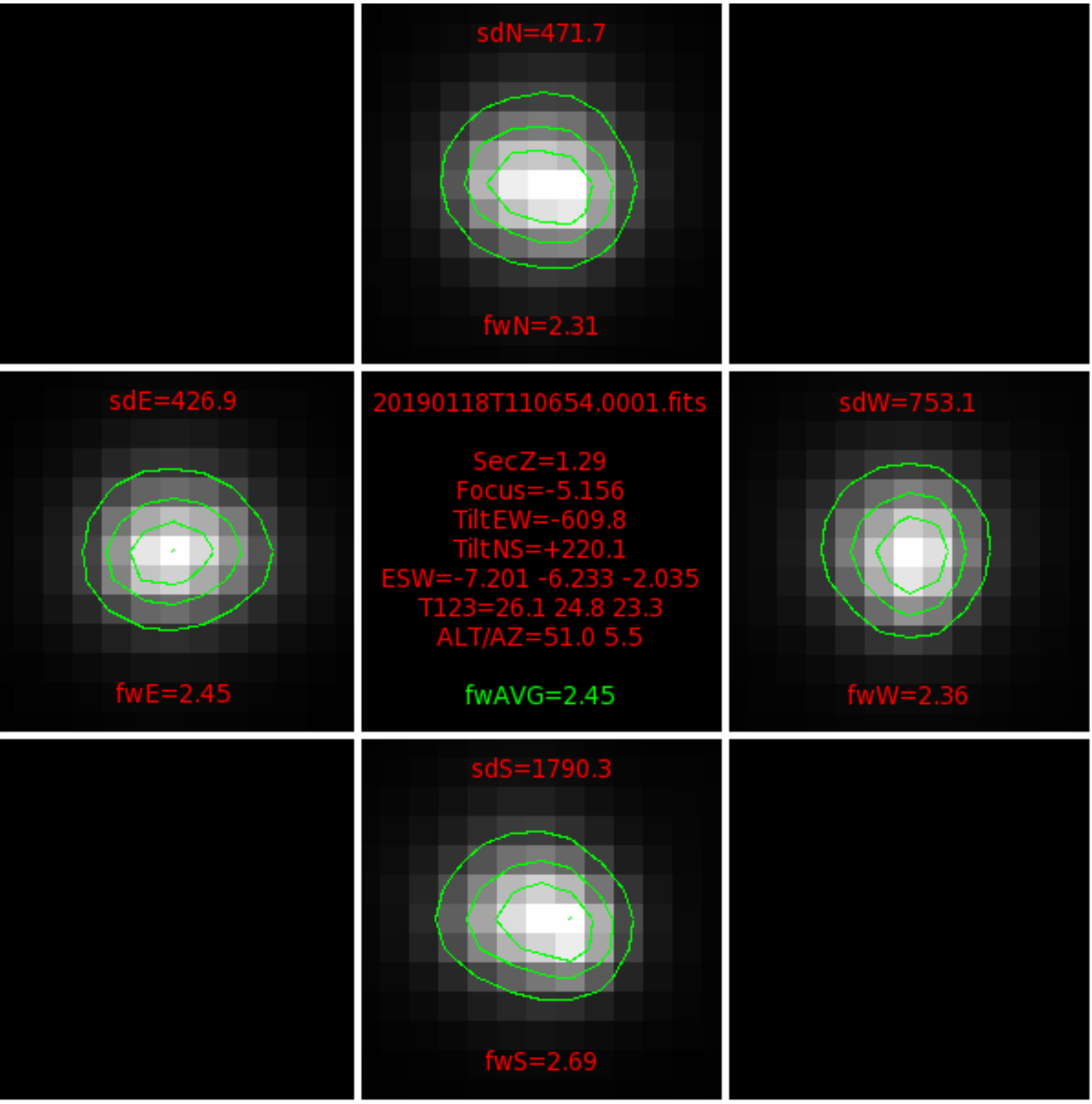
sdN=471.7
fwN=2.31
sdE=426.9
fwE=2.45
20190118T110654.0001.fits
SecZ=1.29
Focus=-5.156
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.201 -6.233 -2.035
T123=26.1 24.8 23.3
ALT/AZ=51.0 5.5
fwAVG=2.45
sdW=753.1
fwW=2.36
sdS=1790.3
fwS=2.69
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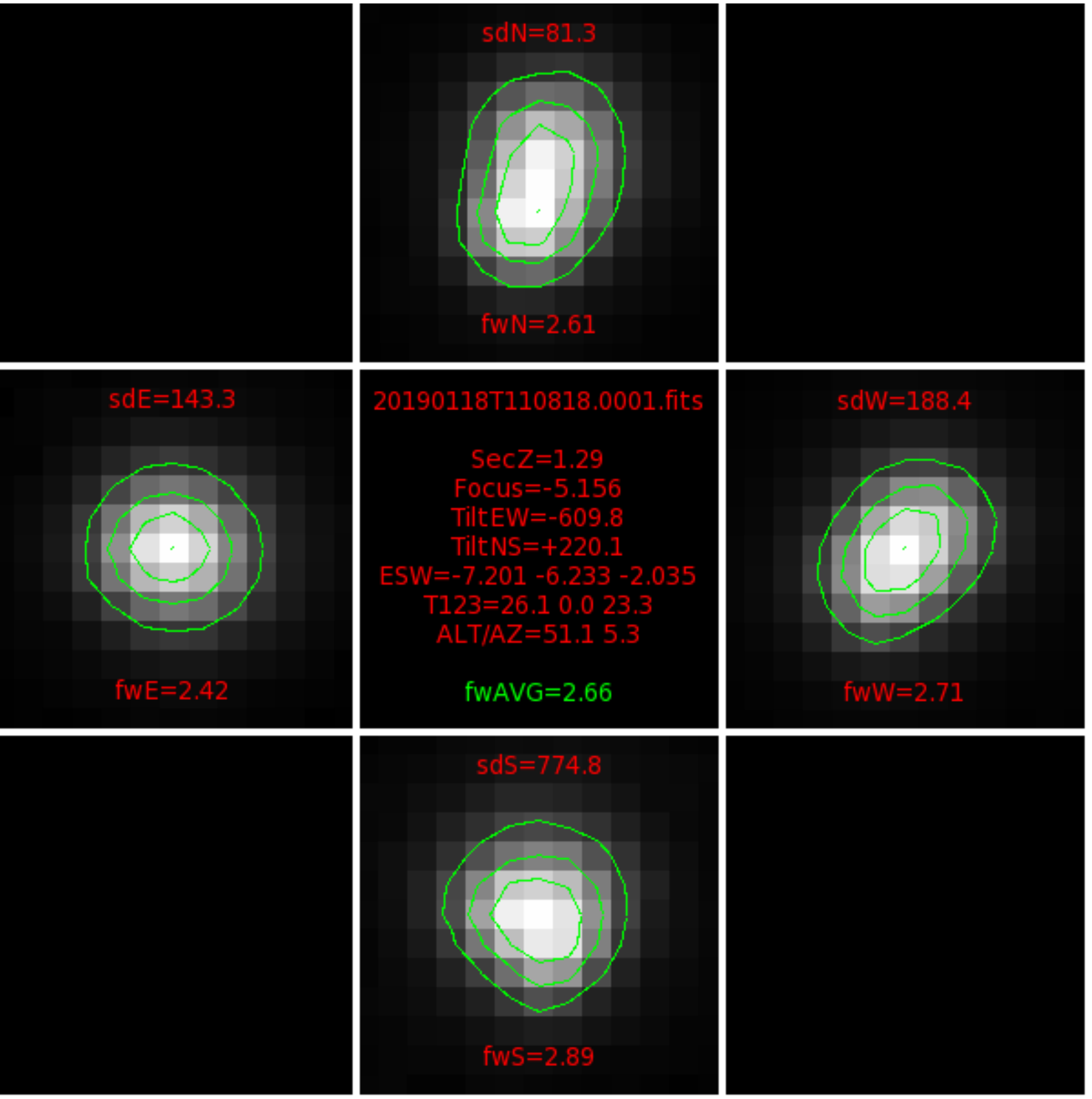
sdN=81.3
fwN=2.61
sdE=143.3
fwE=2.42
20190118T110818.0001.fits
SecZ=1.29
Focus=-5.156
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.201 -6.233 -2.035
T123=26.1 0.0 23.3
ALT/AZ=51.1 5.3
fwAVG=2.66
sdW=188.4
fwW=2.71
sdS=774.8
fwS=2.89
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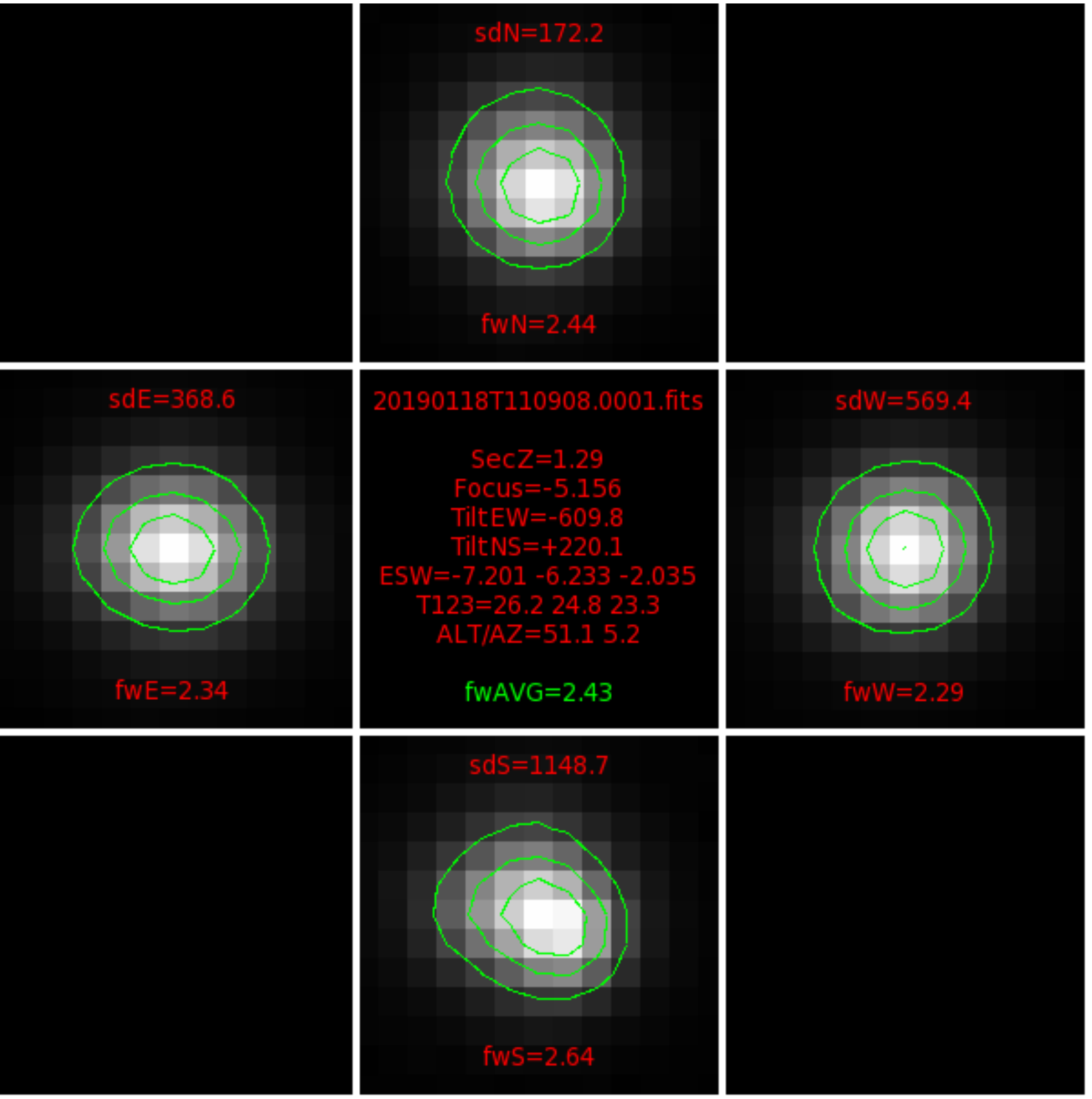
sdN=172.2
fwN=2.44
sdE=368.6
fwE=2.34
20190118T110908.0001.fits
SecZ=1.29
Focus=-5.156
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.201 -6.233 -2.035
T123=26.2 24.8 23.3
ALT/AZ=51.1 5.2
fwAVG=2.43
sdW=569.4
fwW=2.29
sdS=1148.7
fwS=2.64
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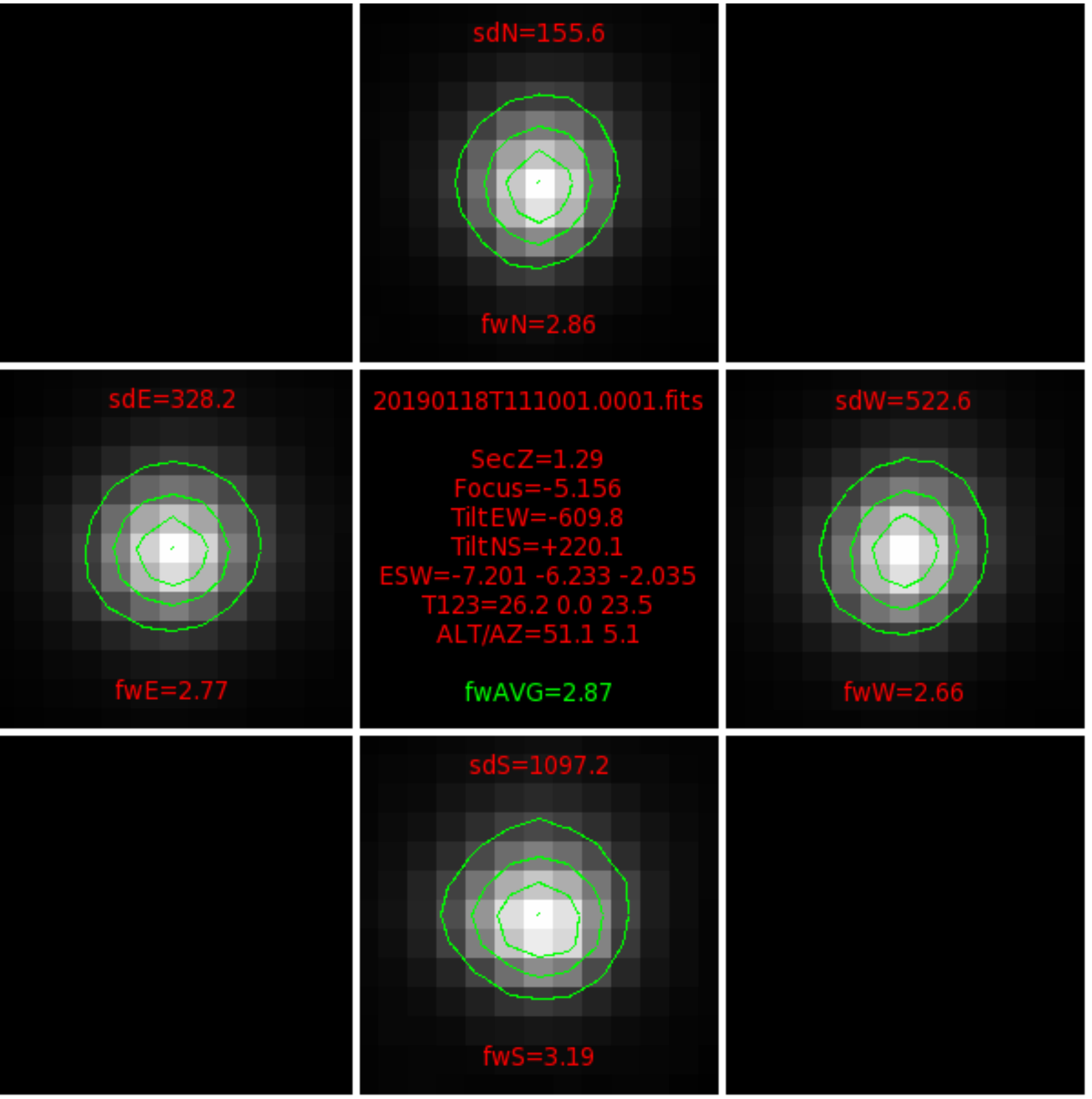
sdN=155.6
fwN=2.86
sdE=328.2
fwE=2.77
20190118T111001.0001.fits
SecZ=1.29
Focus=-5.156
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.201 -6.233 -2.035
T123=26.2 0.0 23.5
ALT/AZ=51.1 5.1
fwAVG=2.87
sdW=522.6
fwW=2.66
sdS=1097.2
fwS=3.19
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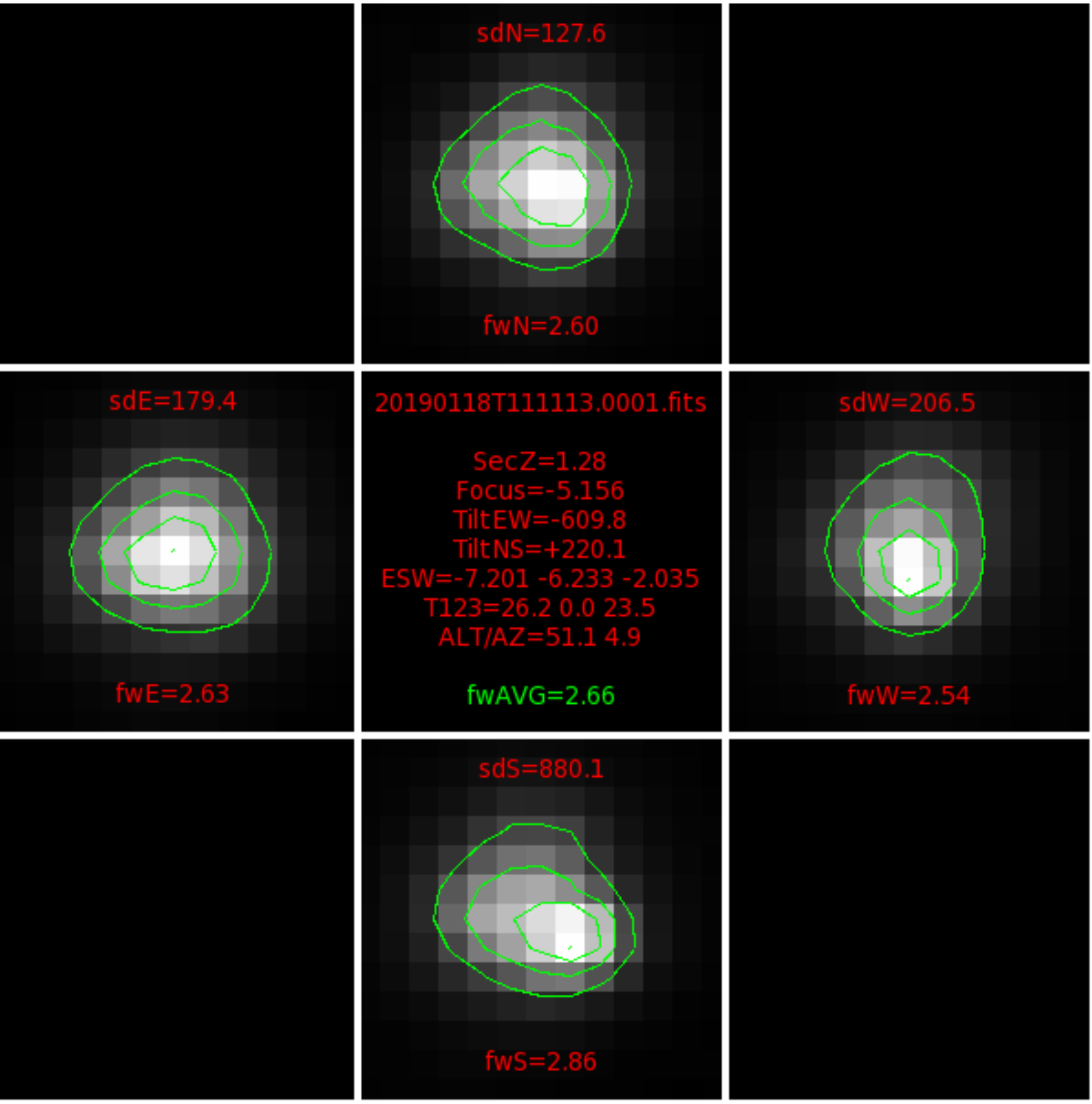
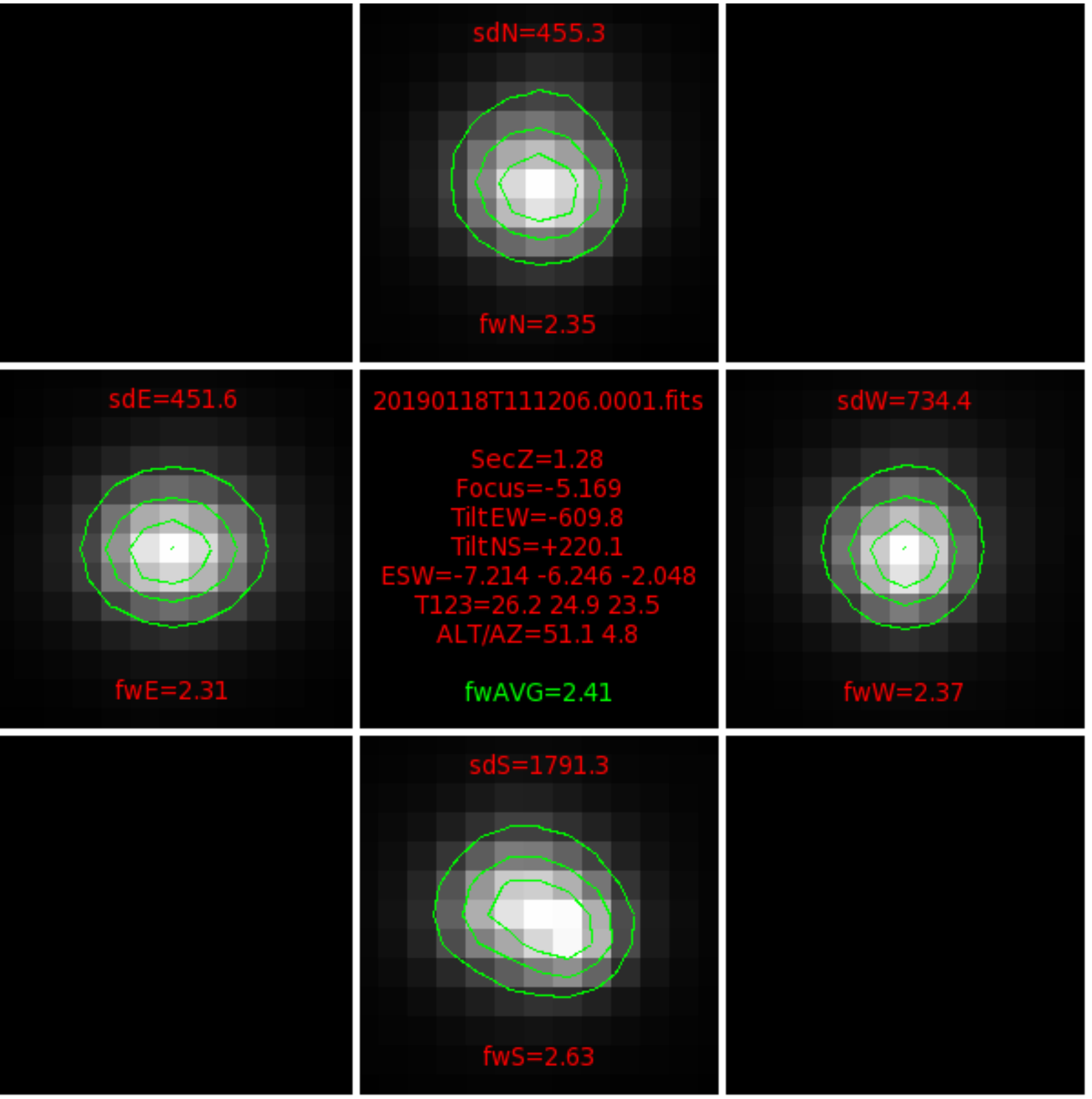

sdN=127.6
fwN=2.60
sdE=179.4
fwE=2.63
20190118T111113.0001.fits
SecZ=1.28
Focus=-5.156
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.201 -6.233 -2.035
T123=26.2 0.0 23.5
ALT/AZ=51.1 4.9
fwAVG=2.66
sdW=206.5
fwW=2.54
sdS=880.1
fwS=2.86
0 0 0 0 0 0 0 0 0


sdN=455.3
fwN=2.35
sdE=451.6
fwE=2.31
20190118T111206.0001.fits
SecZ=1.28
Focus=-5.169
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.214 -6.246 -2.048
T123=26.2 24.9 23.5
ALT/AZ=51.1 4.8
fwAVG=2.41
sdW=734.4
fwW=2.37
sdS=1791.3
fwS=2.63
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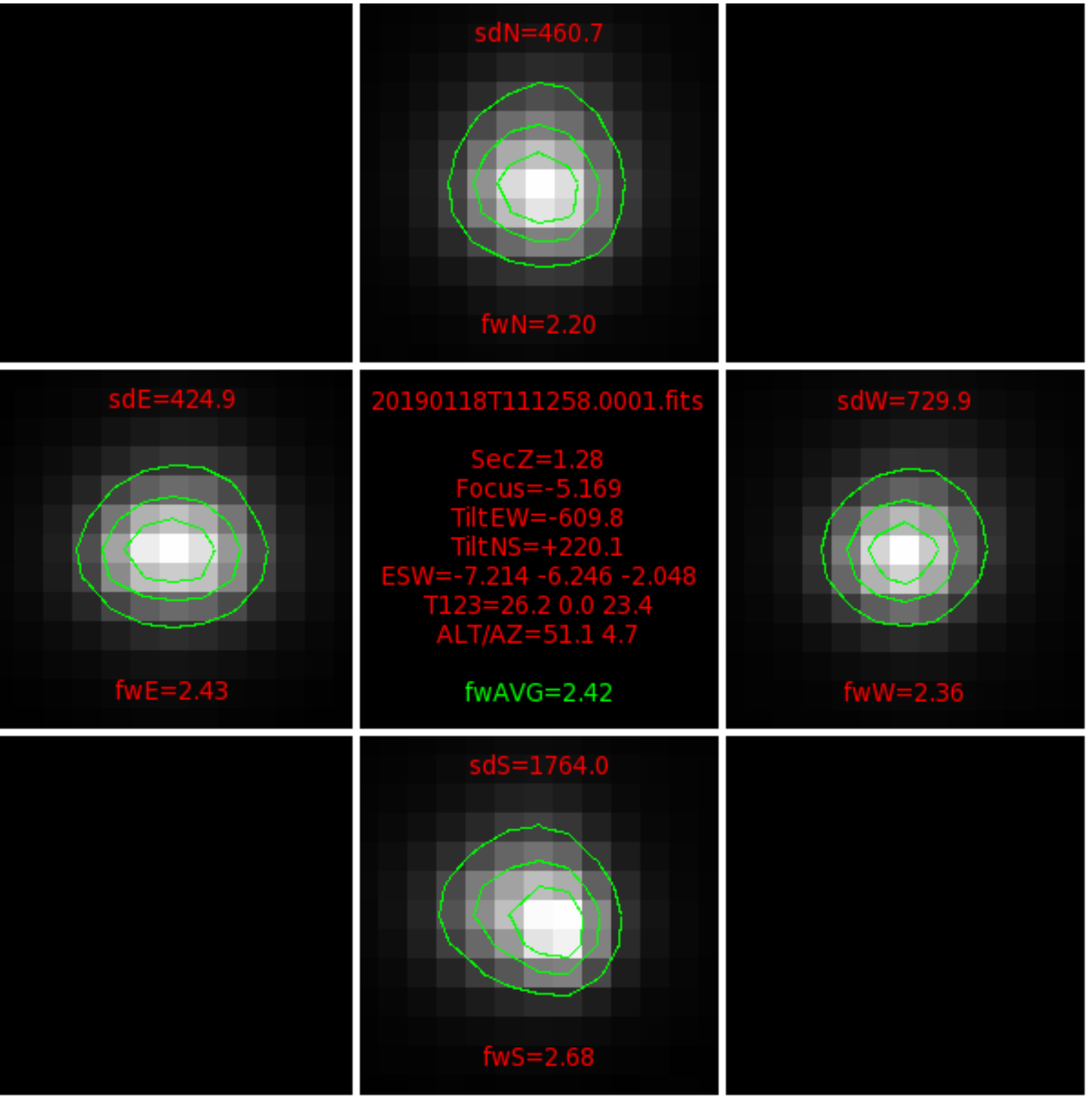
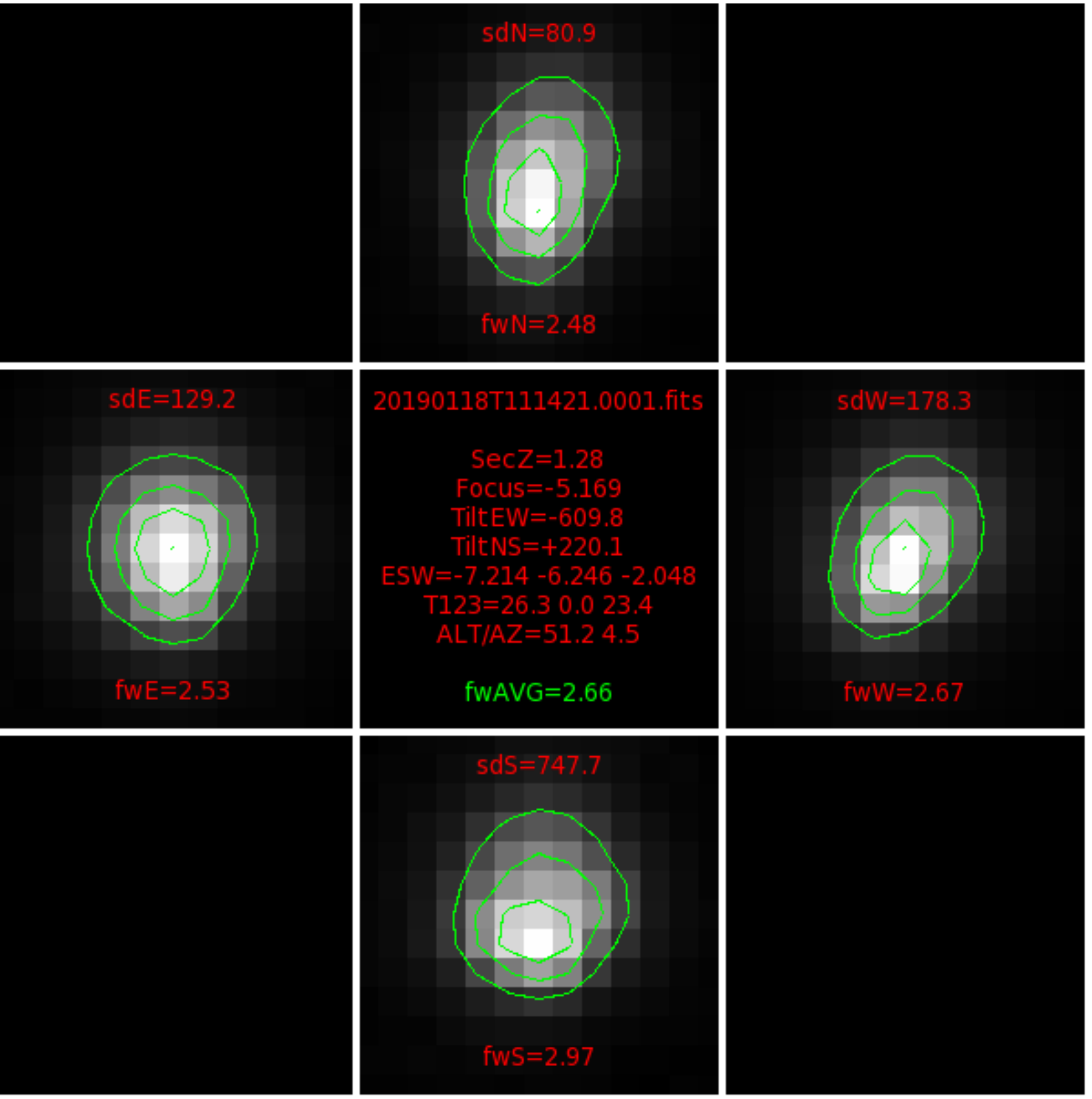

sdN=460.7
fwN=2.20
sdE=424.9
fwE=2.43
20190118T111258.0001.fits
SecZ=1.28
Focus=-5.169
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.214 -6.246 -2.048
T123=26.2 0.0 23.4
ALT/AZ=51.1 4.7
fwAVG=2.42
sdW=729.9
fwW=2.36
sdS=1764.0
fwS=2.68
0 0 0 0 0 0 0 0 0


sdN=80.9
fwN=2.48
sdE=129.2
fwE=2.53
20190118T111421.0001.fits
SecZ=1.28
Focus=-5.169
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.214 -6.246 -2.048
T123=26.3 0.0 23.4
ALT/AZ=51.2 4.5
fwAVG=2.66
sdW=178.3
fwW=2.67
sdS=747.7
fwS=2.97
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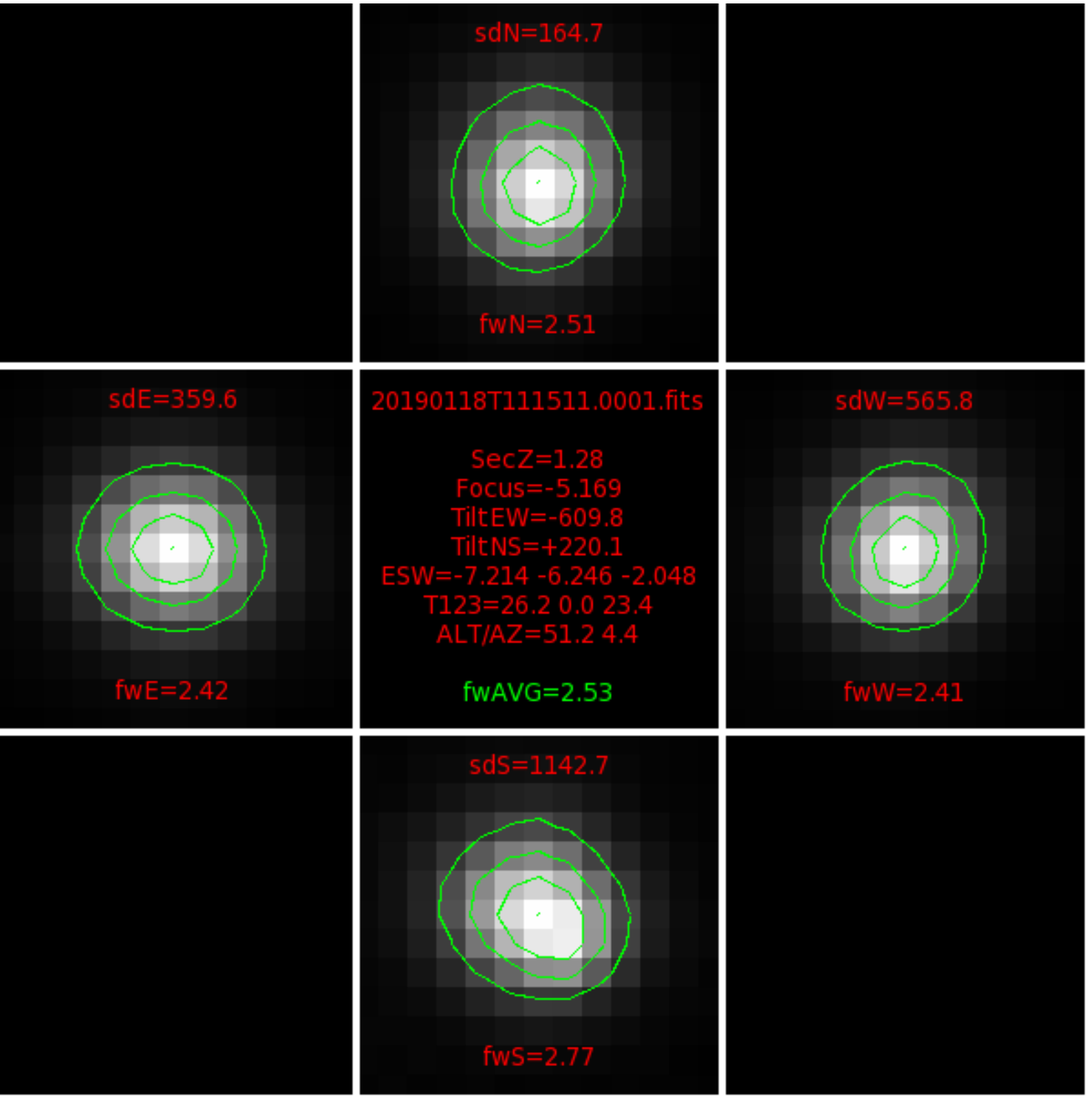
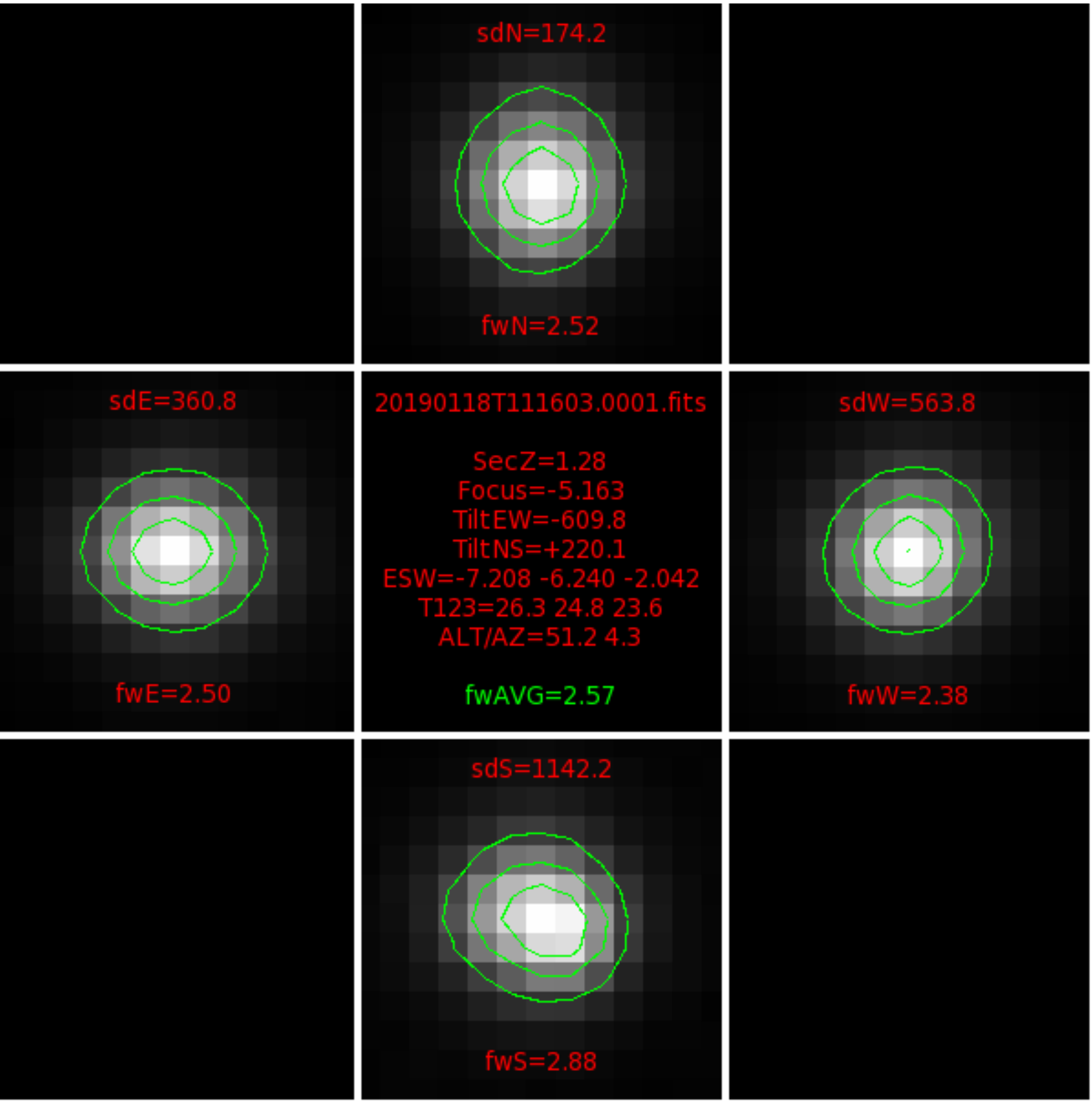

sdN=164.7
fwN=2.51
sdE=359.6
fwE=2.42
20190118T111511.0001.fits
SecZ=1.28
Focus=-5.169
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.214 -6.246 -2.048
T123=26.2 0.0 23.4
ALT/AZ=51.2 4.4
fwAVG=2.53
sdW=565.8
fwW=2.41
sdS=1142.7
fwS=2.77
0 0 0 0 0 0 0 0 0


sdN=174.2
fwN=2.52
sdE=360.8
fwE=2.50
20190118T111603.0001.fits
SecZ=1.28
Focus=-5.163
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.208 -6.240 -2.042
T123=26.3 24.8 23.6
ALT/AZ=51.2 4.3
fwAVG=2.57
sdW=563.8
fwW=2.38
sdS=1142.2
fwS=2.88
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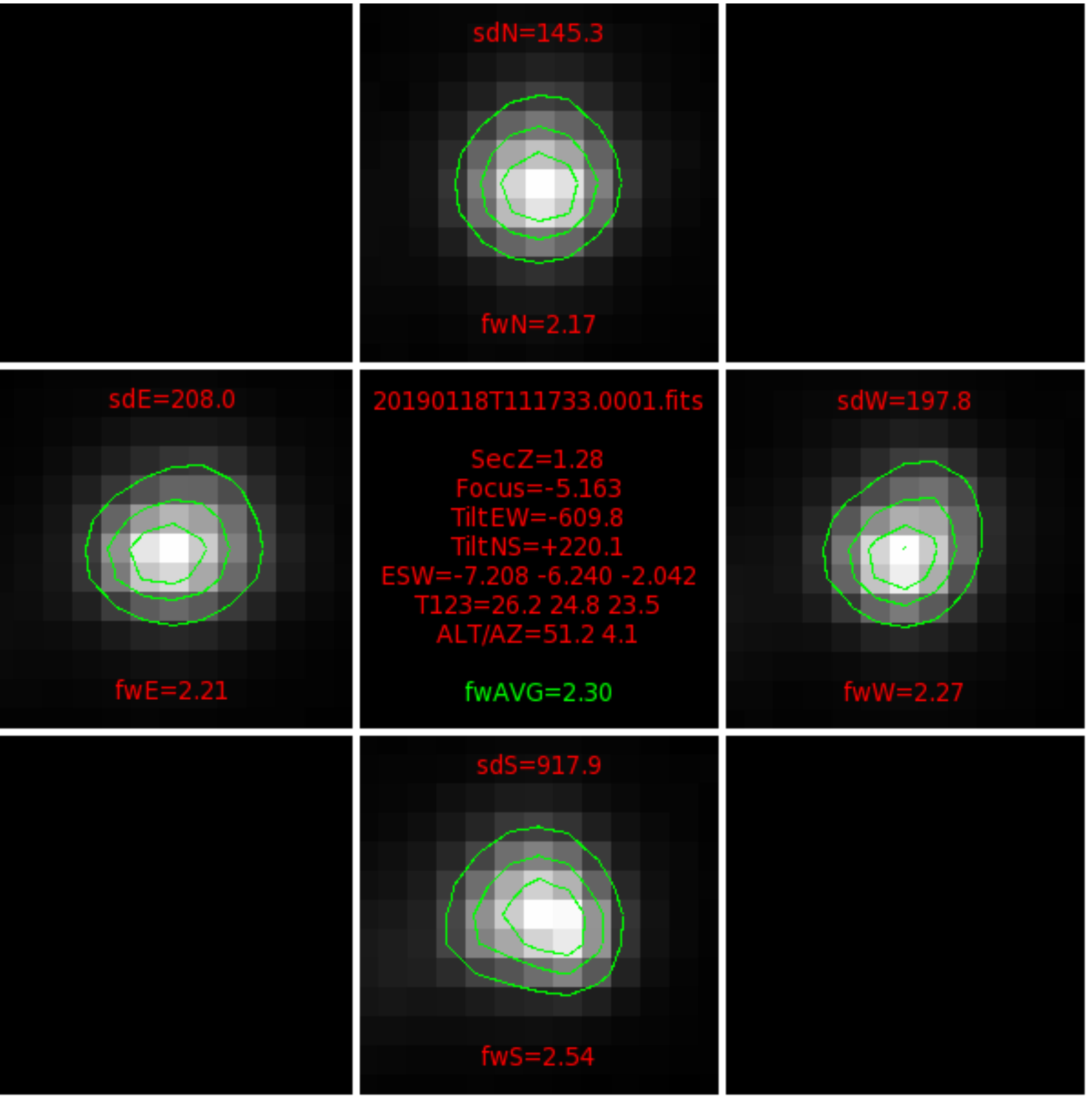
sdN=145.3
fwN=2.17
sdE=208.0
fwE=2.21
20190118T111733.0001.fits
SecZ=1.28
Focus=-5.163
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.208 -6.240 -2.042
T123=26.2 24.8 23.5
ALT/AZ=51.2 4.1
fwAVG=2.30
sdW=197.8
fwW=2.27
sdS=917.9
fwS=2.54
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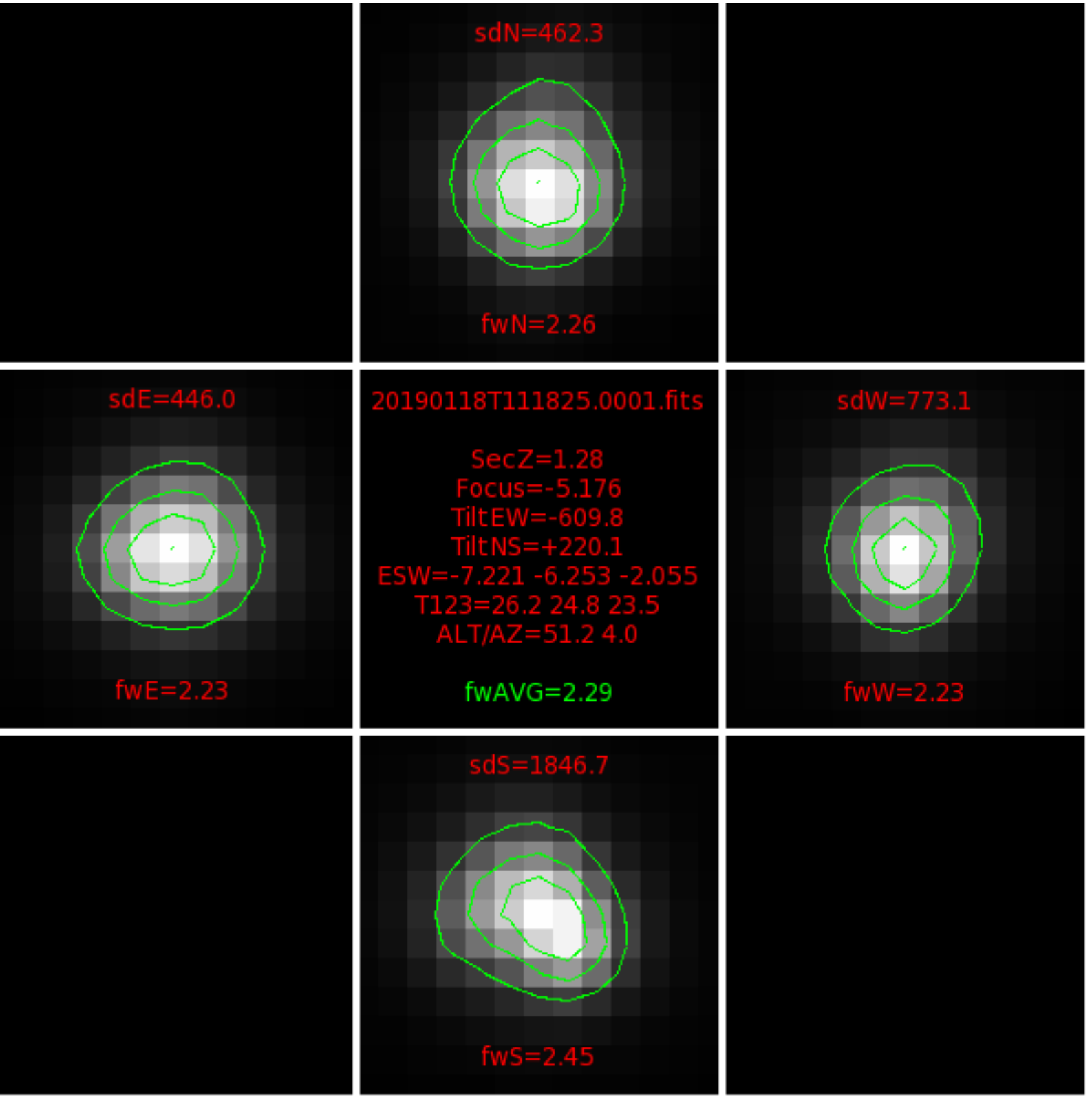
sdN=462.3
fwN=2.26
sdE=446.0
fwE=2.23
20190118T111825.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=26.2 24.8 23.5
ALT/AZ=51.2 4.0
fwAVG=2.29
sdW=773.1
fwW=2.23
sdS=1846.7
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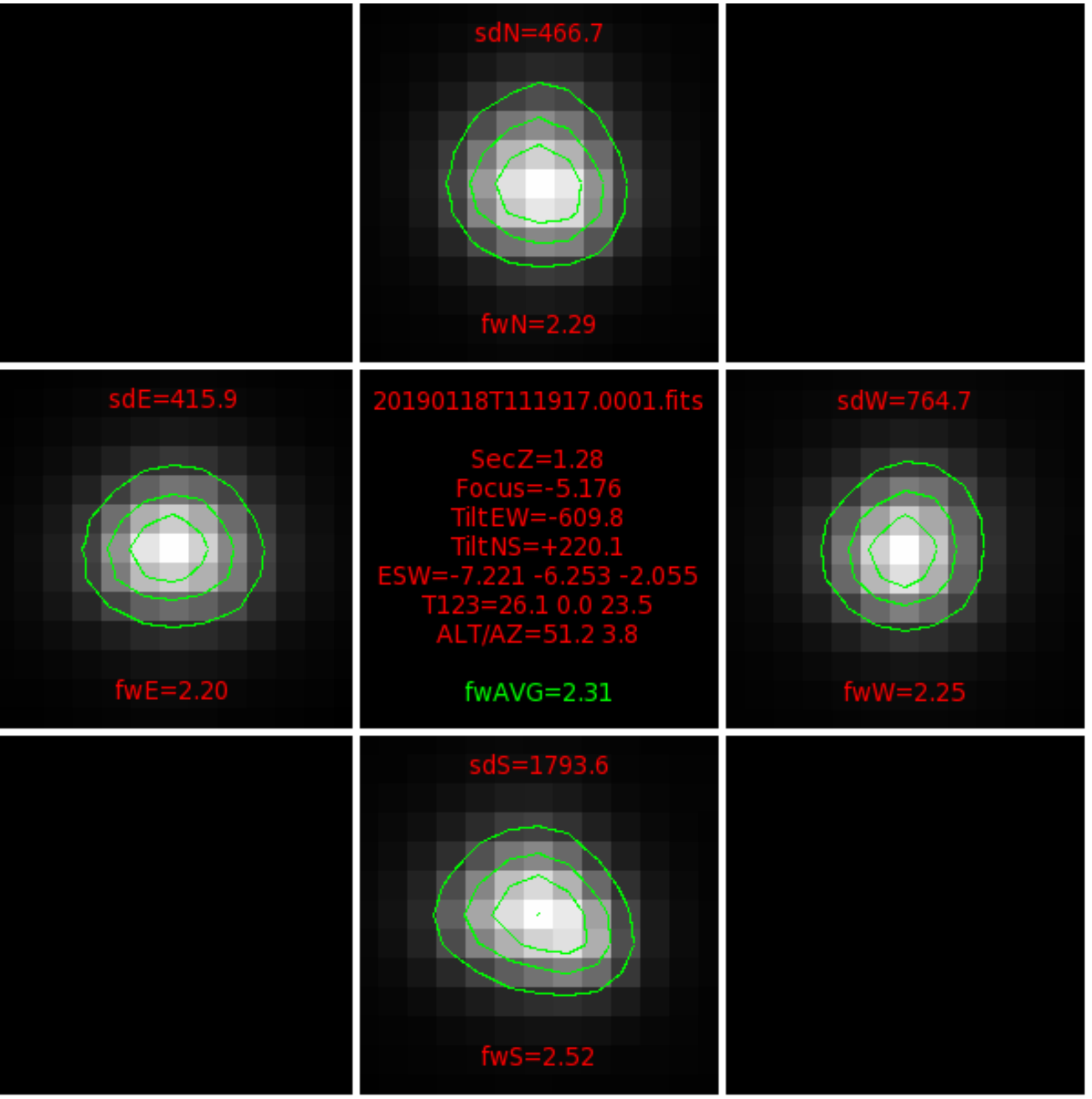
sdN=466.7
fwN=2.29
sdE=415.9
fwE=2.20
20190118T111917.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=26.1 0.0 23.5
ALT/AZ=51.2 3.8
fwAVG=2.31
sdW=764.7
fwW=2.25
sdS=1793.6
fwS=2.52
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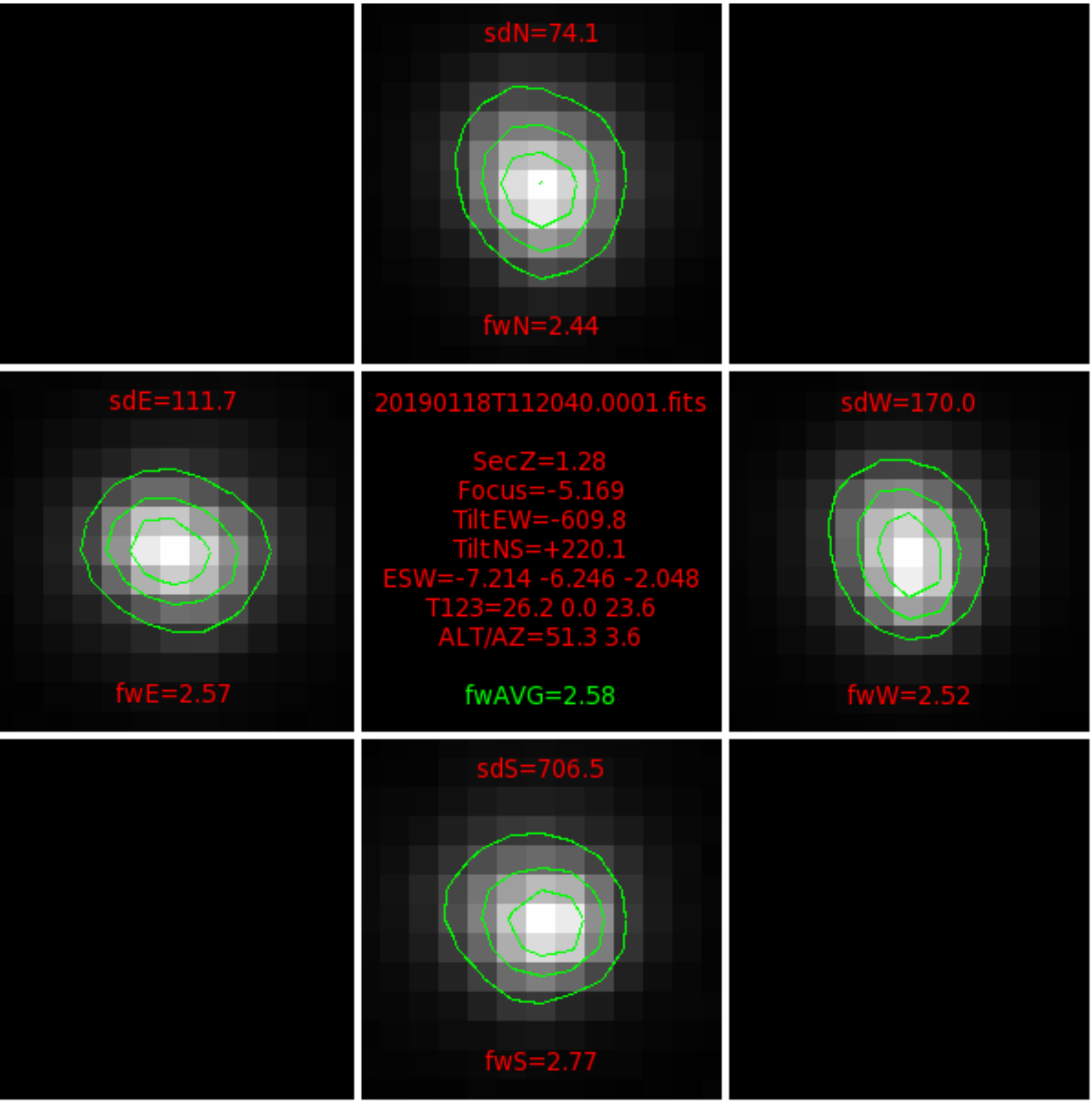
sdN=74.1
fwN=2.44
sdE=111.7
fwE=2.57
20190118T112040.0001.fits
SecZ=1.28
Focus=-5.169
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.214 -6.246 -2.048
T123=26.2 0.0 23.6
ALT/AZ=51.3 3.6
fwAVG=2.58
sdW=170.0
fwW=2.52
sdS=706.5
fwS=2.77
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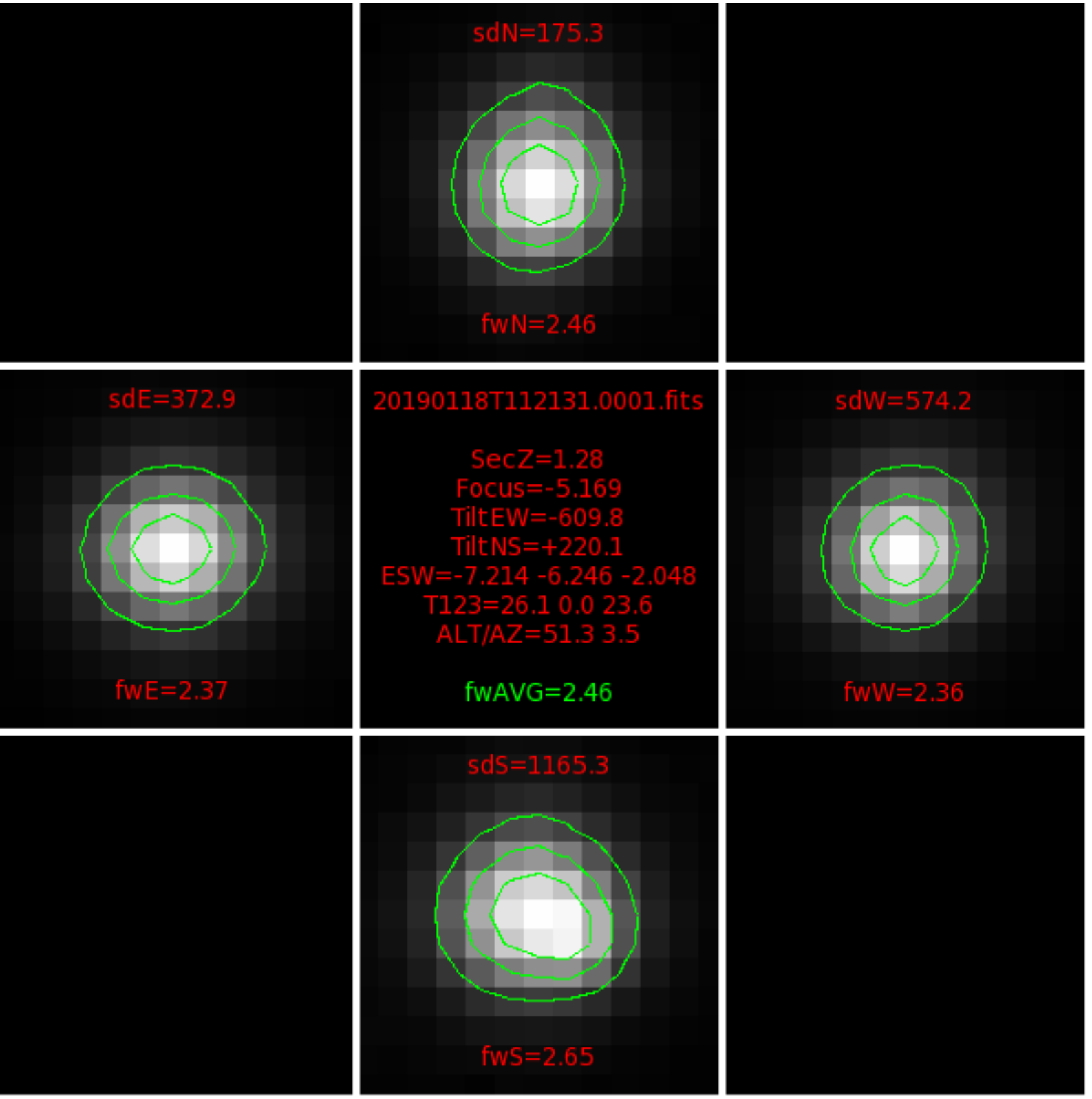
sdN=175.3
fwN=2.46
sdE=372.9
fwE=2.37
20190118T112131.0001.fits
SecZ=1.28
Focus=-5.169
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.214 -6.246 -2.048
T123=26.1 0.0 23.6
ALT/AZ=51.3 3.5
fwAVG=2.46
sdW=574.2
fwW=2.36
sdS=1165.3
fwS=2.65
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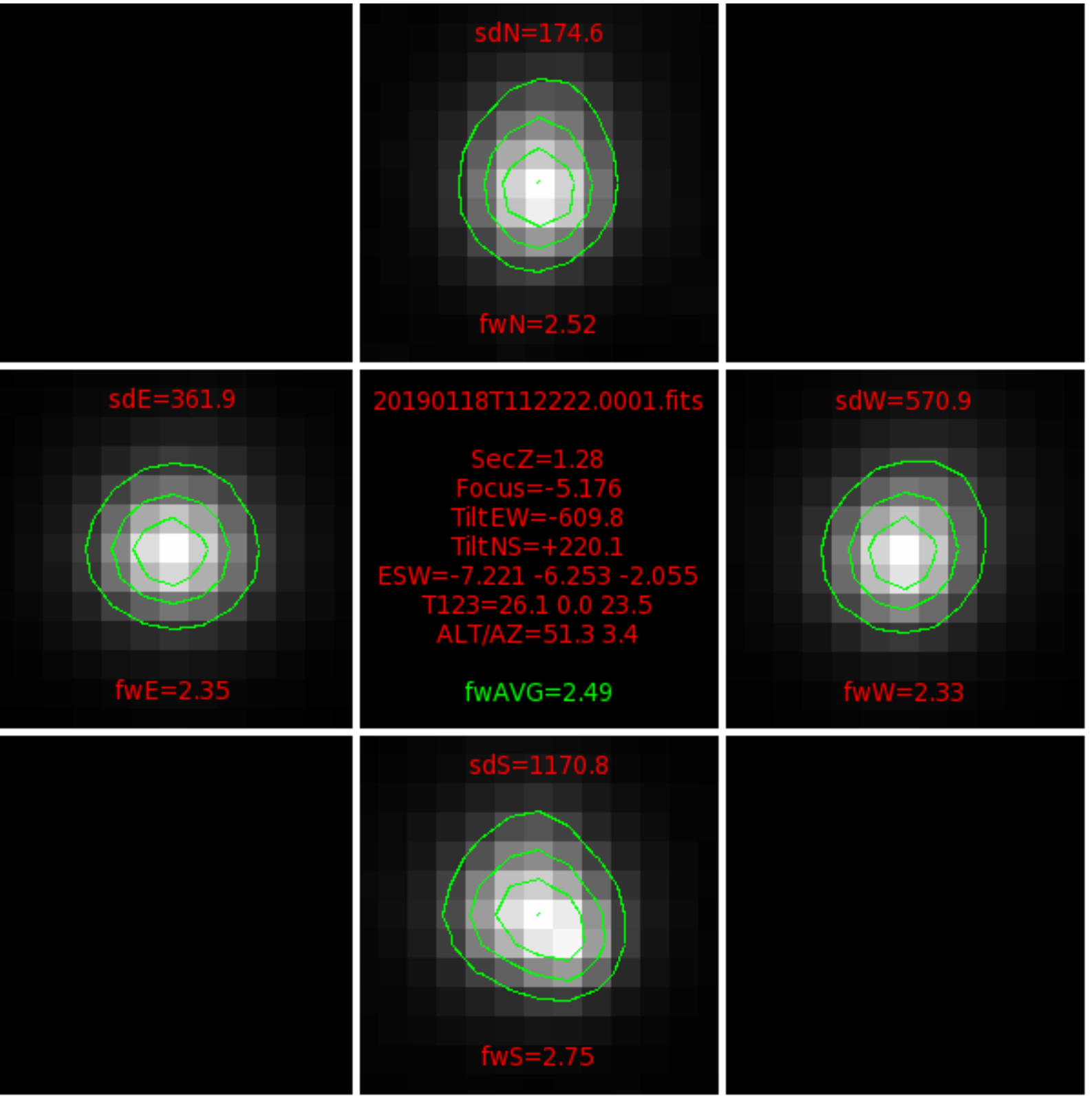
sdN=174.6
fwN=2.52
sdE=361.9
fwE=2.35
20190118T112222.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=26.1 0.0 23.5
ALT/AZ=51.3 3.4
fwAVG=2.49
sdW=570.9
fwW=2.33
sdS=1170.8
fwS=2.75
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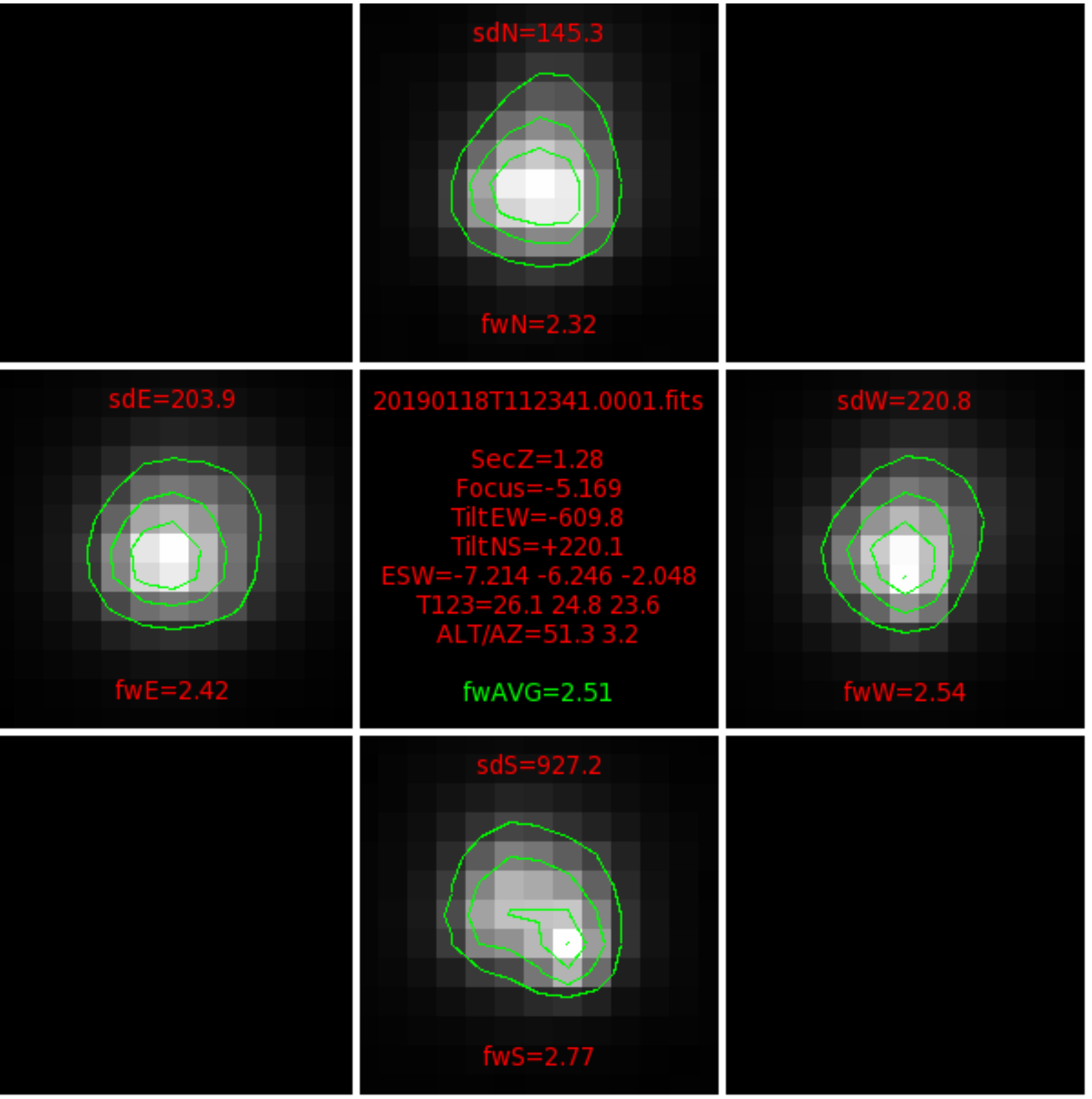
sdN=145.3
fwN=2.32
sdE=203.9
fwE=2.42
20190118T112341.0001.fits
SecZ=1.28
Focus=-5.169
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.214 -6.246 -2.048
T123=26.1 24.8 23.6
ALT/AZ=51.3 3.2
fwAVG=2.51
sdW=220.8
fwW=2.54
sdS=927.2
fwS=2.77
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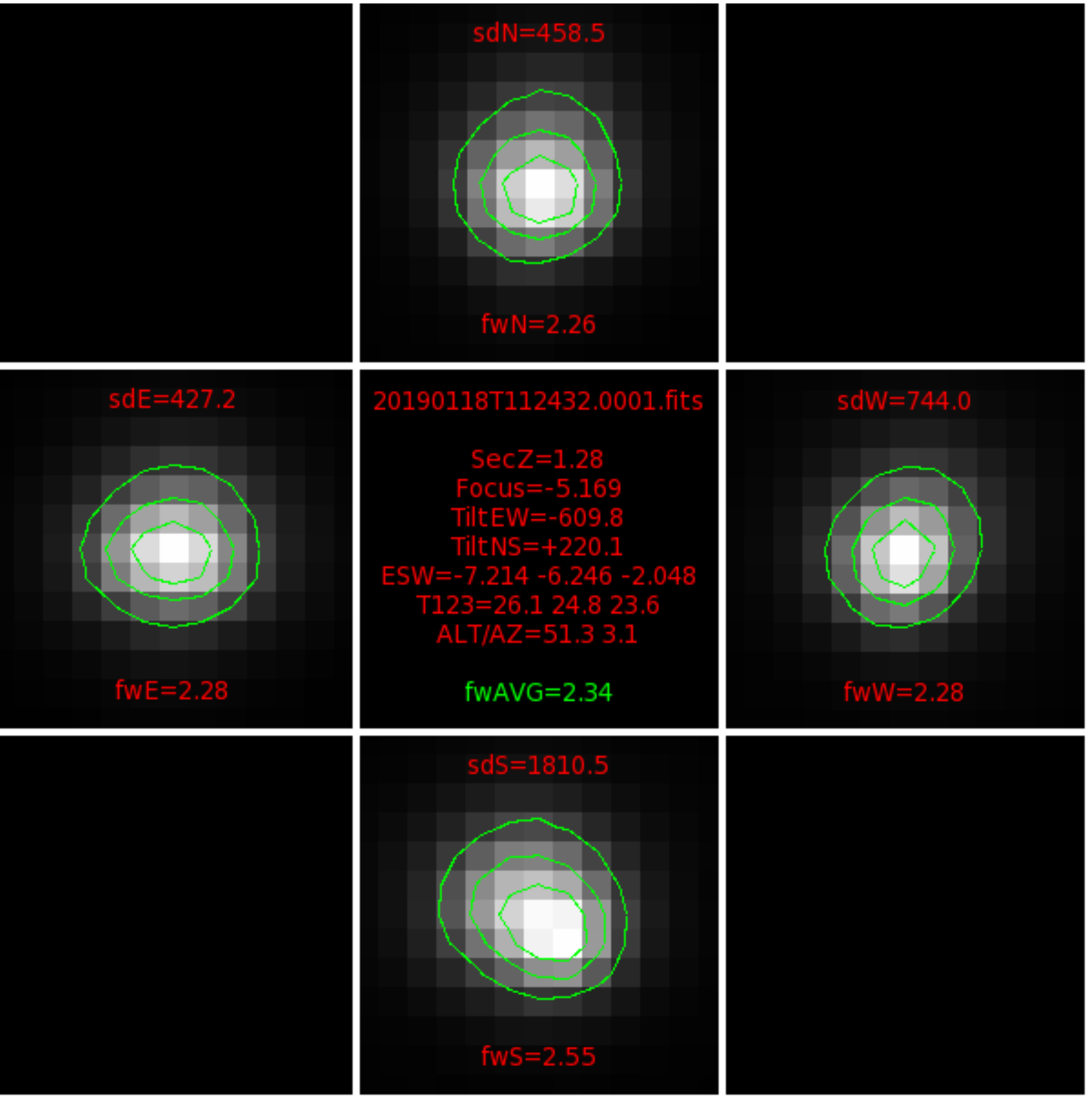
sdN=458.5
fwN=2.26
sdE=427.2
fwE=2.28
20190118T112432.0001.fits
SecZ=1.28
Focus=-5.169
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.214 -6.246 -2.048
T123=26.1 24.8 23.6
ALT/AZ=51.3 3.1
fwAVG=2.34
sdW=744.0
fwW=2.28
sdS=1810.5
fwS=2.55
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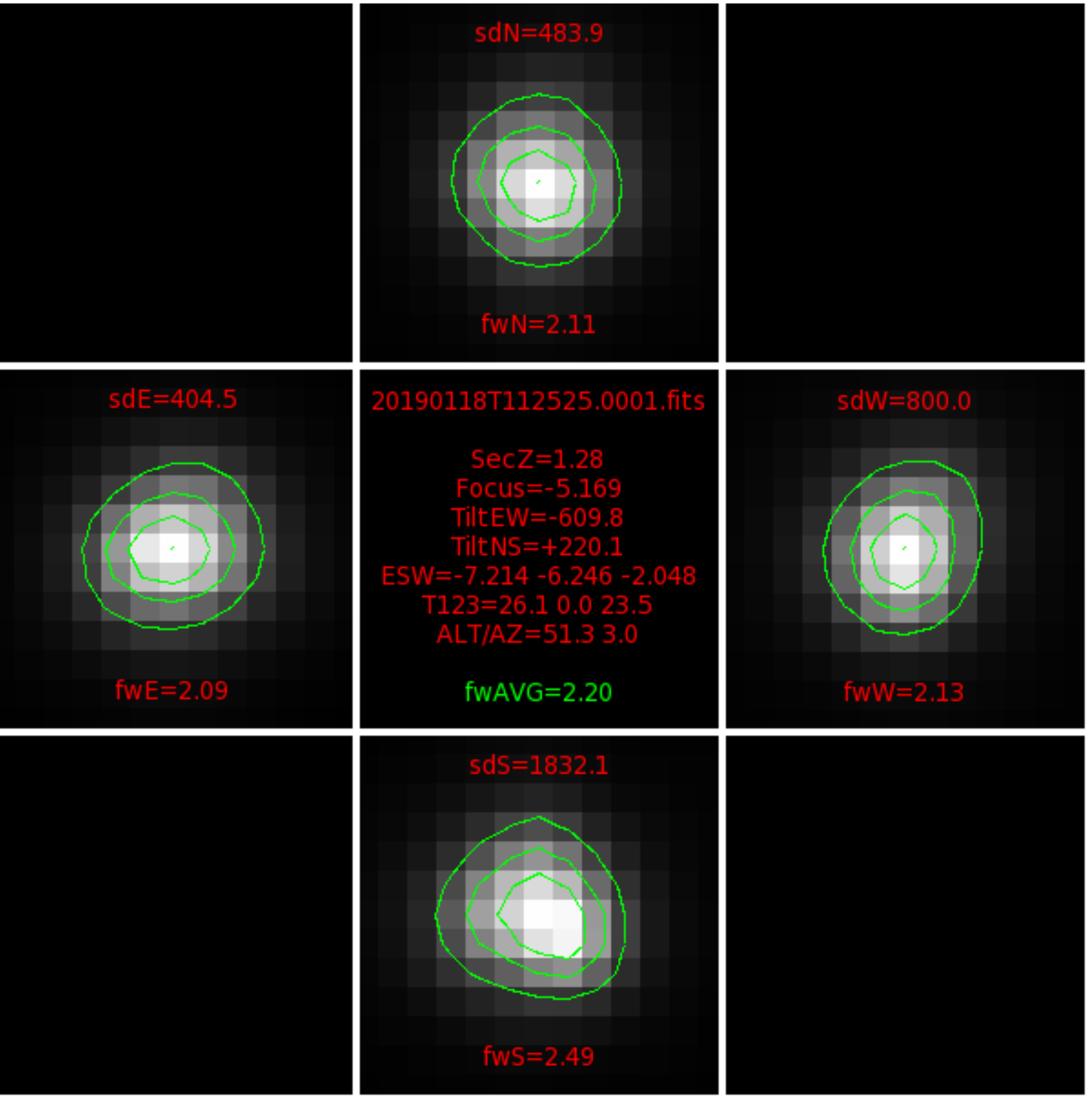
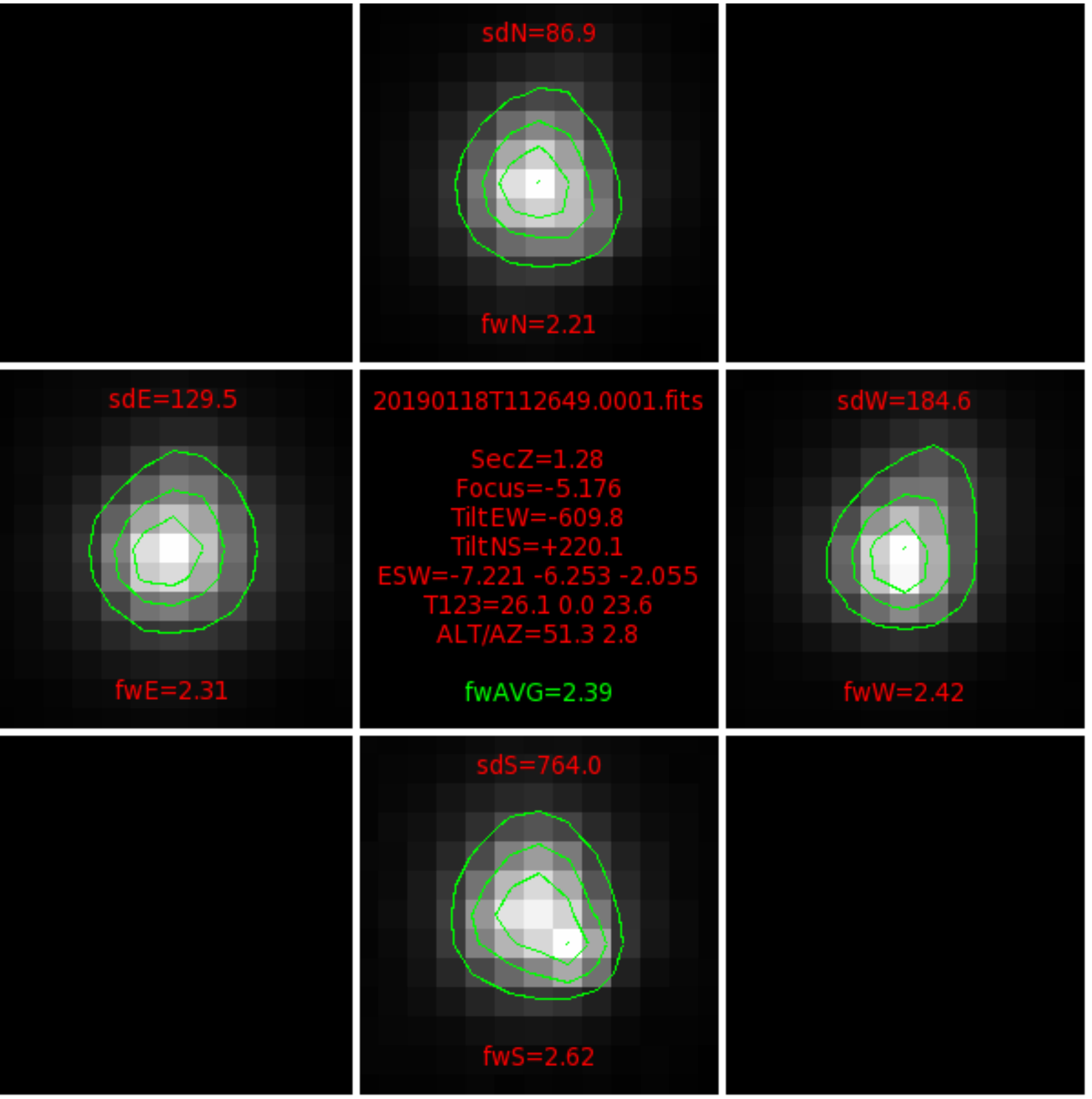
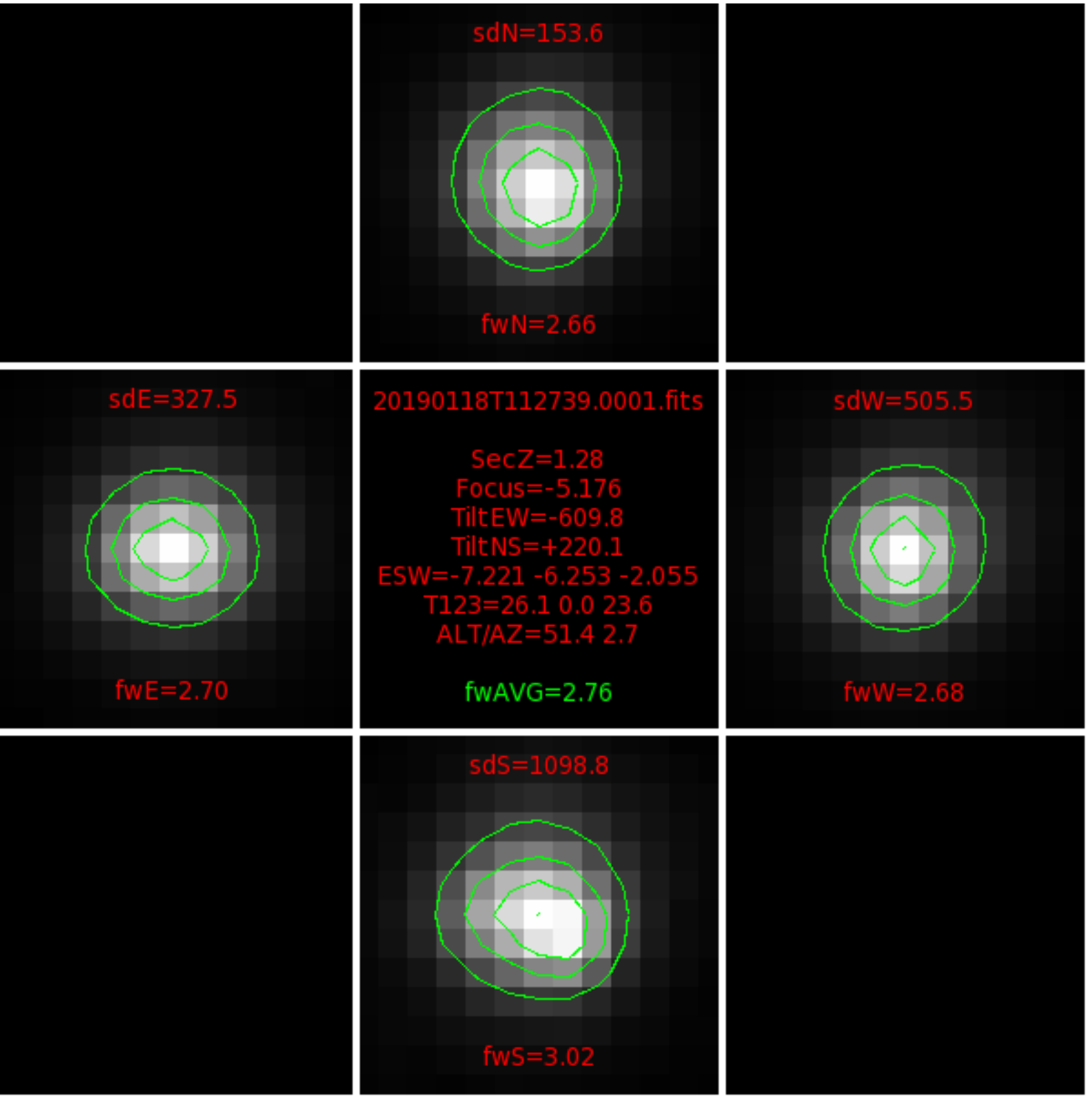

sdN=483.9
fwN=2.11
sdE=404.5
fwE=2.09
20190118T112525.0001.fits
SecZ=1.28
Focus=-5.169
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.214 -6.246 -2.048
T123=26.1 0.0 23.5
ALT/AZ=51.3 3.0
fwAVG=2.20
sdW=800.0
fwW=2.13
sdS=1832.1
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=86.9
fwN=2.21
sdE=129.5
fwE=2.31
20190118T112649.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=26.1 0.0 23.6
ALT/AZ=51.3 2.8
fwAVG=2.39
sdW=184.6
fwW=2.42
sdS=764.0
fwS=2.62
0 0 0 0 0 0 0 0 0


sdN=153.6
fwN=2.66
sdE=327.5
fwE=2.70
20190118T112739.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=26.1 0.0 23.6
ALT/AZ=51.4 2.7
fwAVG=2.76
sdW=505.5
fwW=2.68
sdS=1098.8
fwS=3.02
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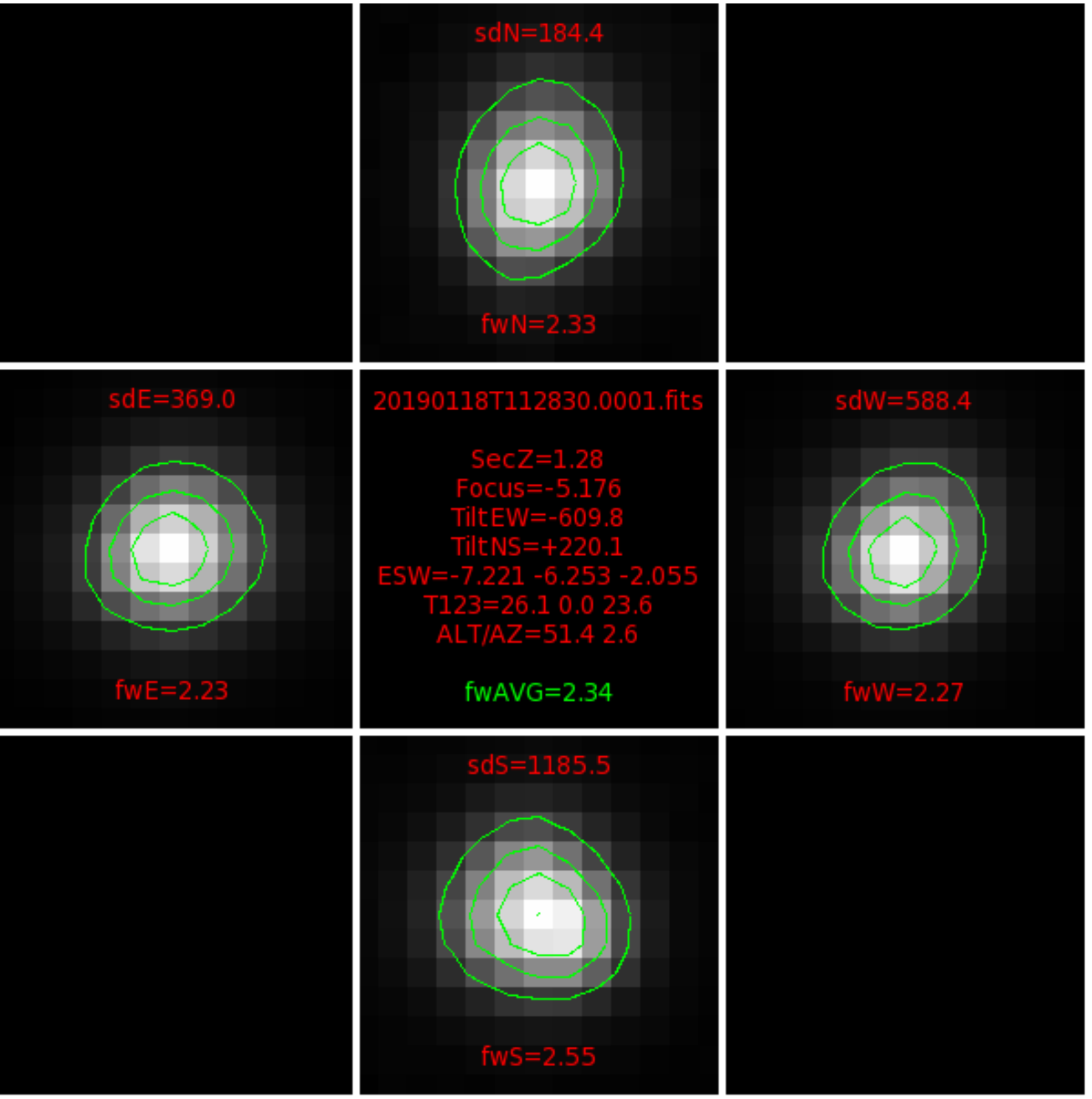
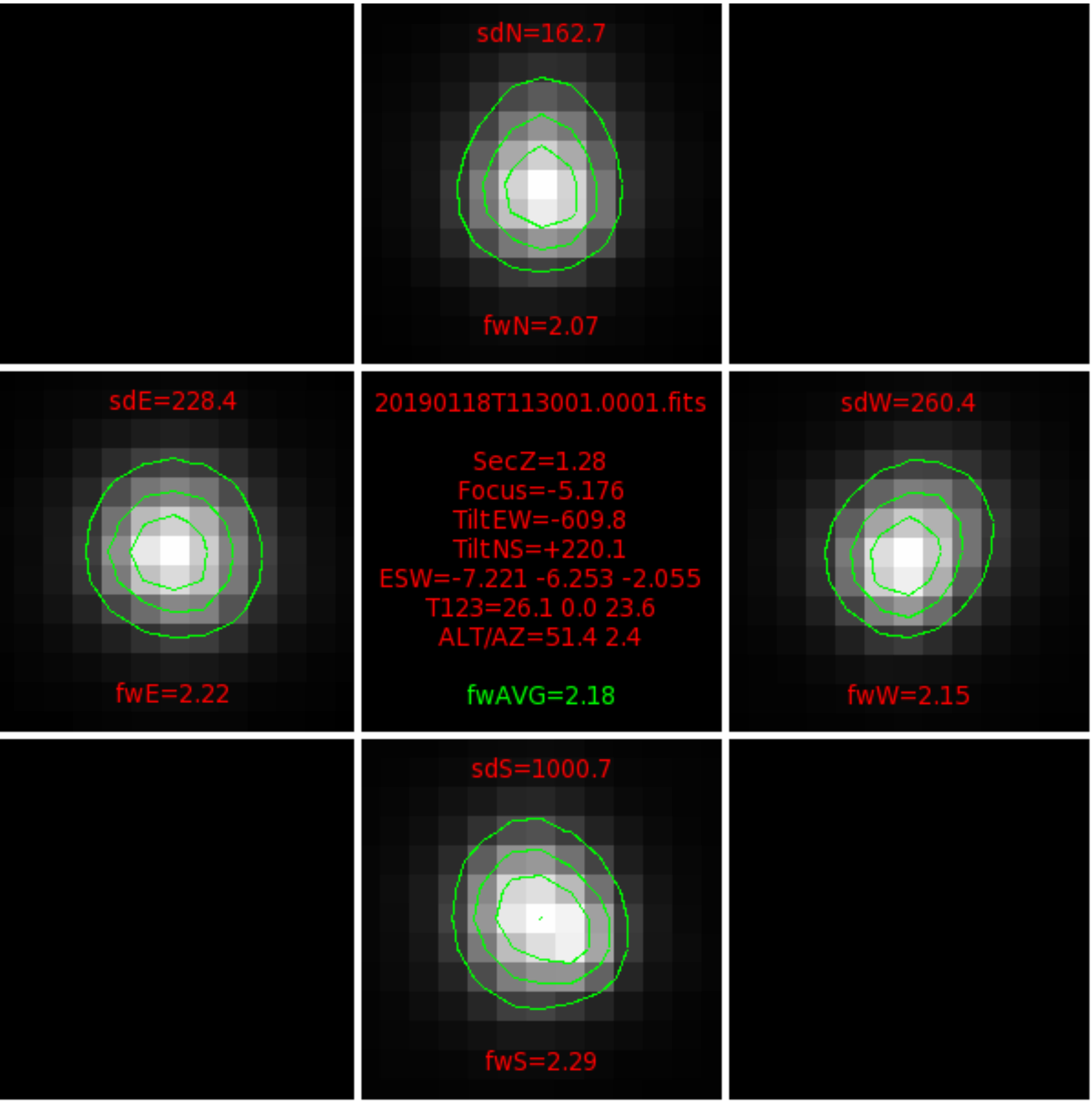

sdN=184.4
fwN=2.33
sdE=369.0
fwE=2.23
20190118T112830.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=26.1 0.0 23.6
ALT/AZ=51.4 2.6
fwAVG=2.34
sdW=588.4
fwW=2.27
sdS=1185.5
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=162.7
fwN=2.07
sdE=228.4
fwE=2.22
20190118T113001.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=26.1 0.0 23.6
ALT/AZ=51.4 2.4
fwAVG=2.18
sdW=260.4
fwW=2.15
sdS=1000.7
fwS=2.29
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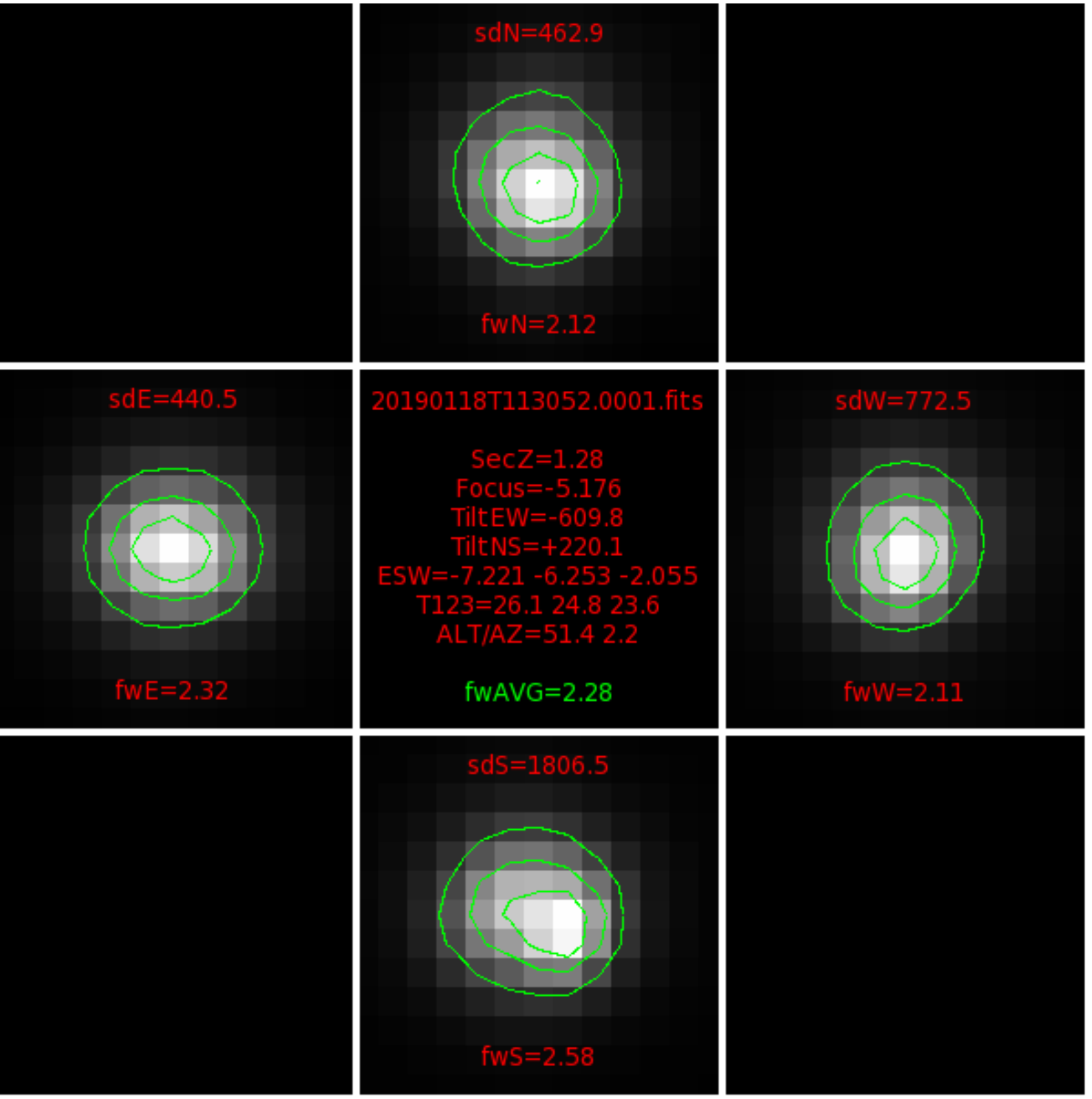
sdN=462.9
fwN=2.12
sdE=440.5
fwE=2.32
20190118T113052.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=26.1 24.8 23.6
ALT/AZ=51.4 2.2
fwAVG=2.28
sdW=772.5
fwW=2.11
sdS=1806.5
fwS=2.58
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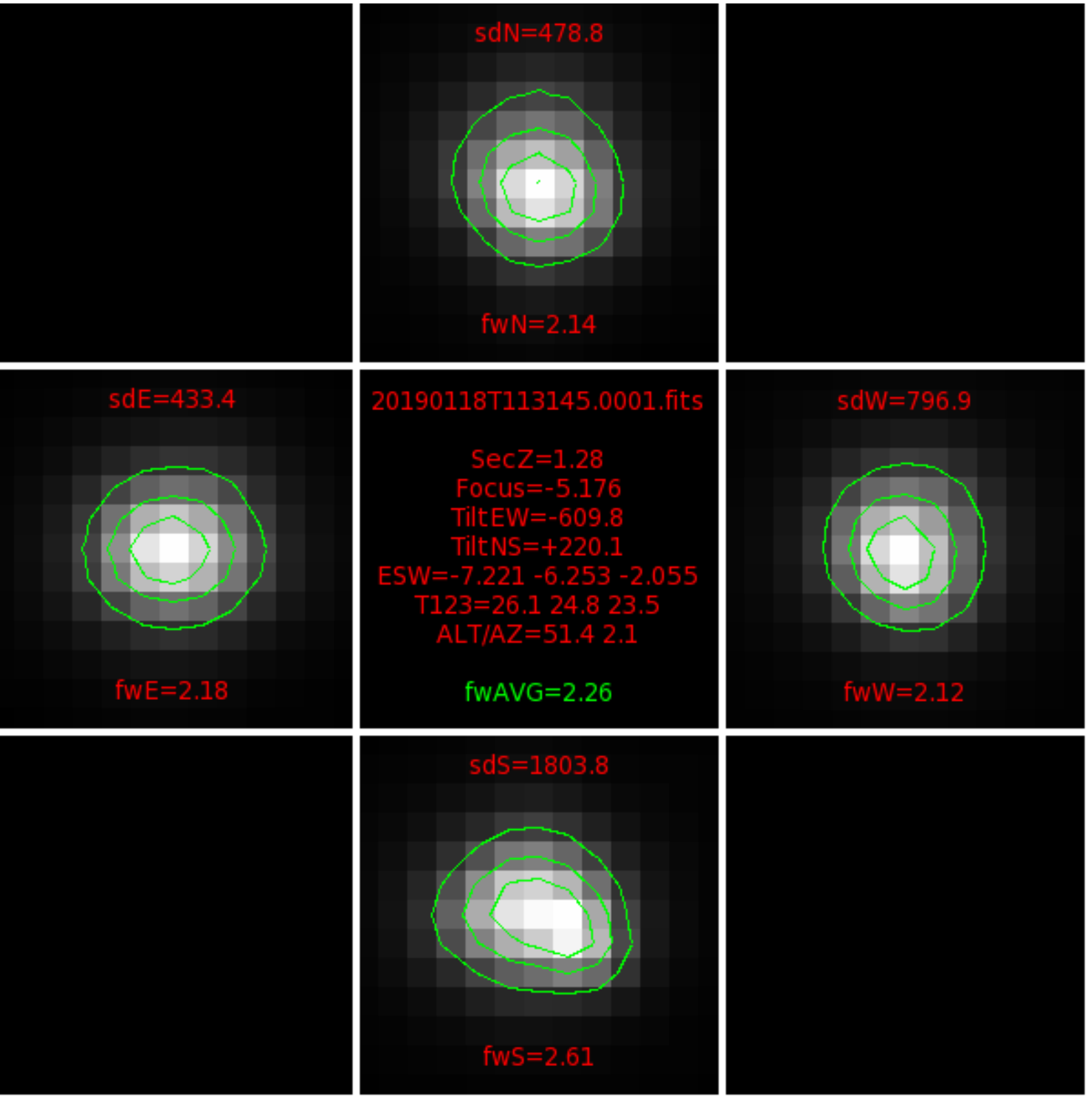
sdN=478.8
fwN=2.14
sdE=433.4
fwE=2.18
20190118T113145.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=26.1 24.8 23.5
ALT/AZ=51.4 2.1
fwAVG=2.26
sdW=796.9
fwW=2.12
sdS=1803.8
fwS=2.61
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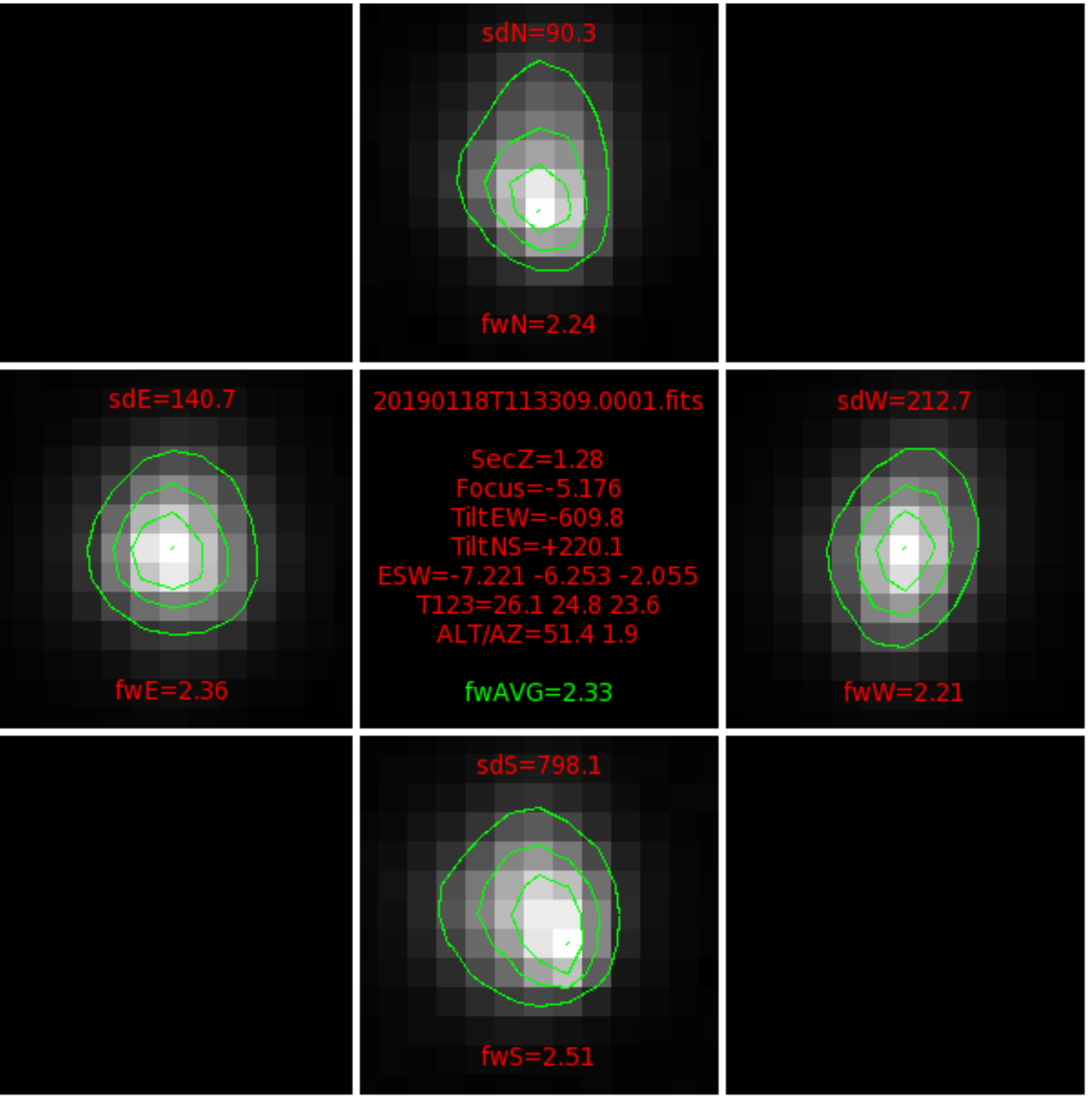
sdN=90.3
fwN=2.24
sdE=140.7
fwE=2.36
20190118T113309.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=26.1 24.8 23.6
ALT/AZ=51.4 1.9
fwAVG=2.33
sdW=212.7
fwW=2.21
sdS=798.1
fwS=2.51
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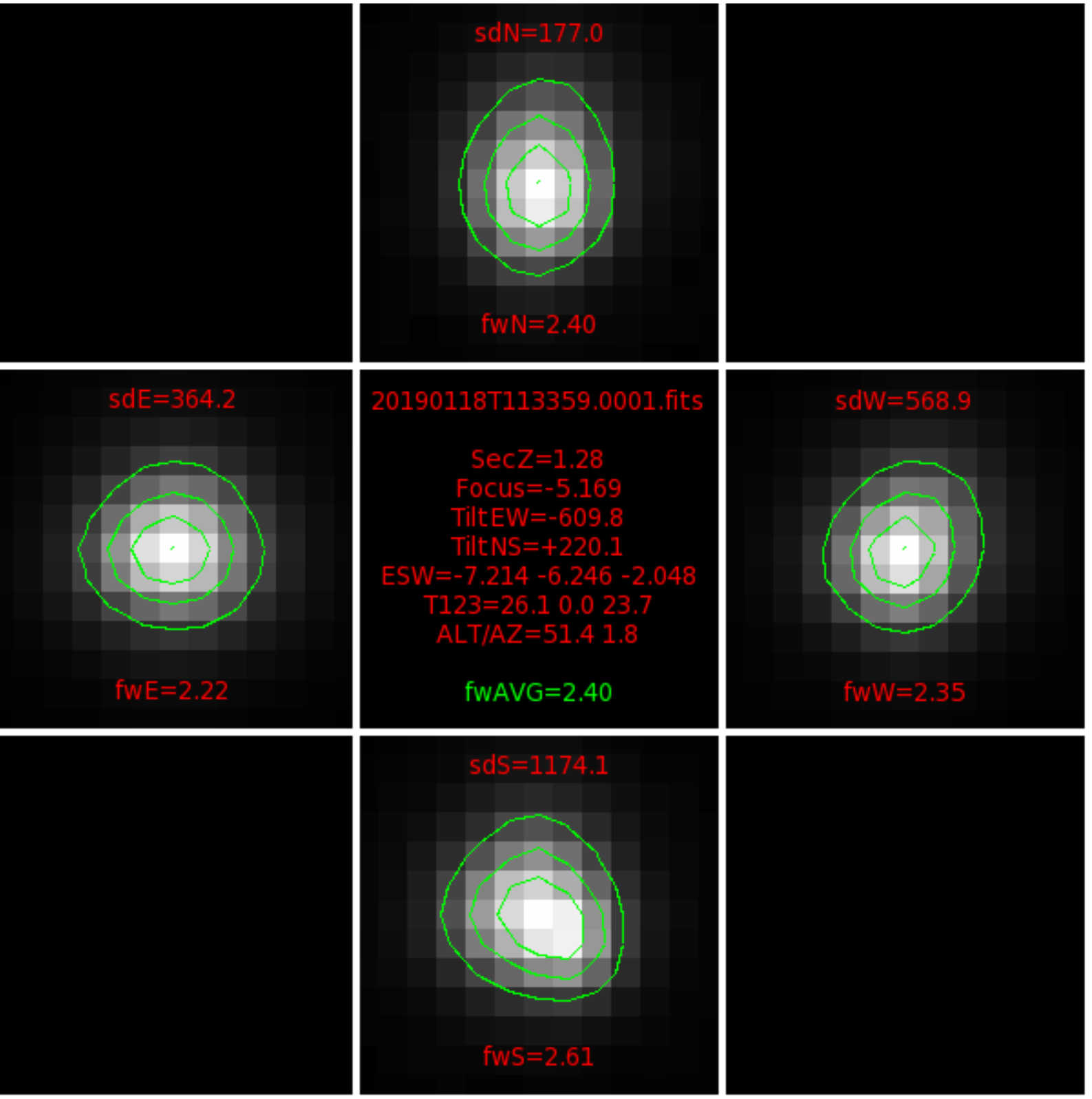
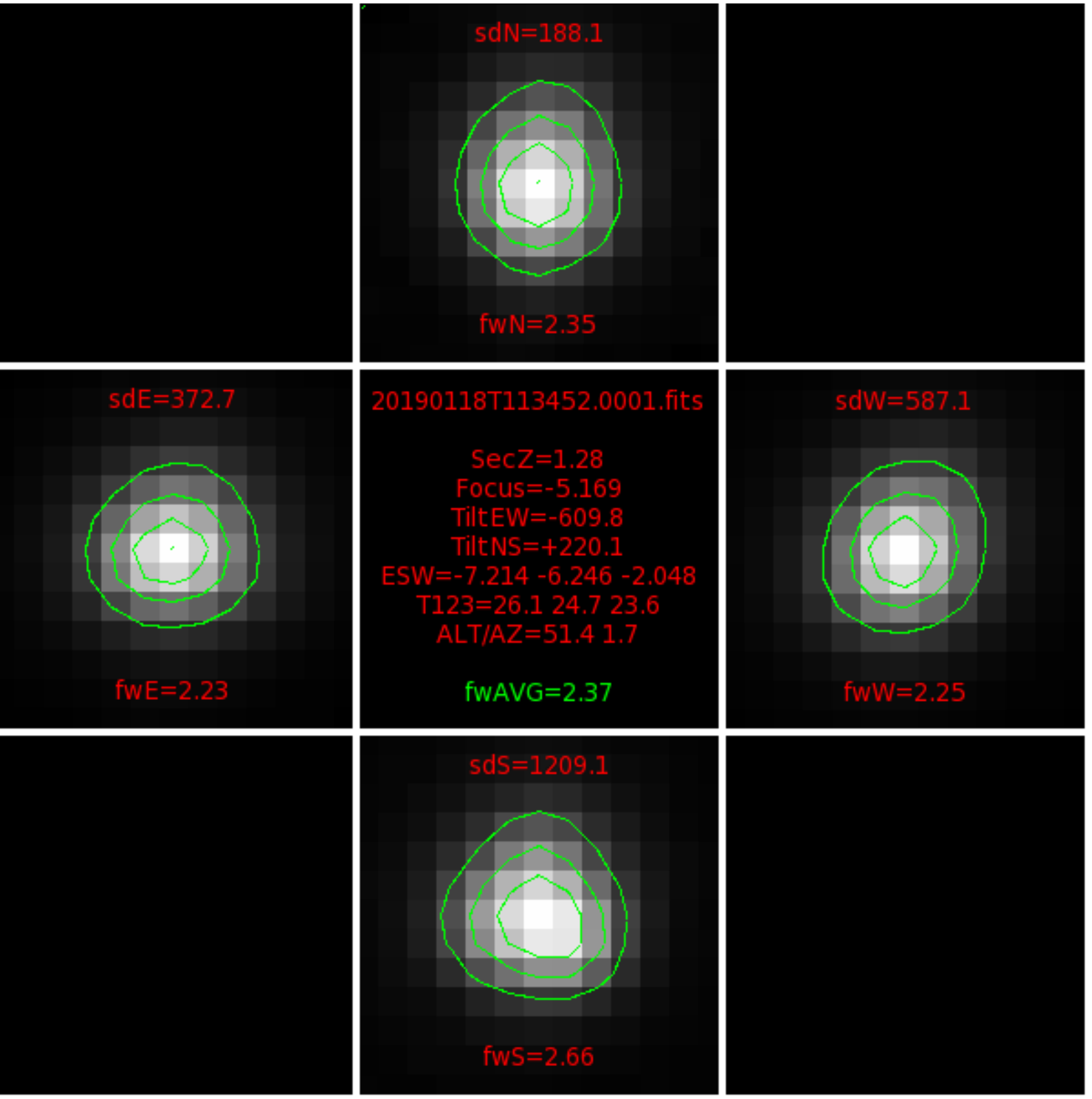

sdN=177.0
fwN=2.40
sdE=364.2
fwE=2.22
20190118T113359.0001.fits
SecZ=1.28
Focus=-5.169
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.214 -6.246 -2.048
T123=26.1 0.0 23.7
ALT/AZ=51.4 1.8
fwAVG=2.40
sdW=568.9
fwW=2.35
sdS=1174.1
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=188.1
fwN=2.35
sdE=372.7
fwE=2.23
20190118T113452.0001.fits
SecZ=1.28
Focus=-5.169
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.214 -6.246 -2.048
T123=26.1 24.7 23.6
ALT/AZ=51.4 1.7
fwAVG=2.37
sdW=587.1
fwW=2.25
sdS=1209.1
fwS=2.66
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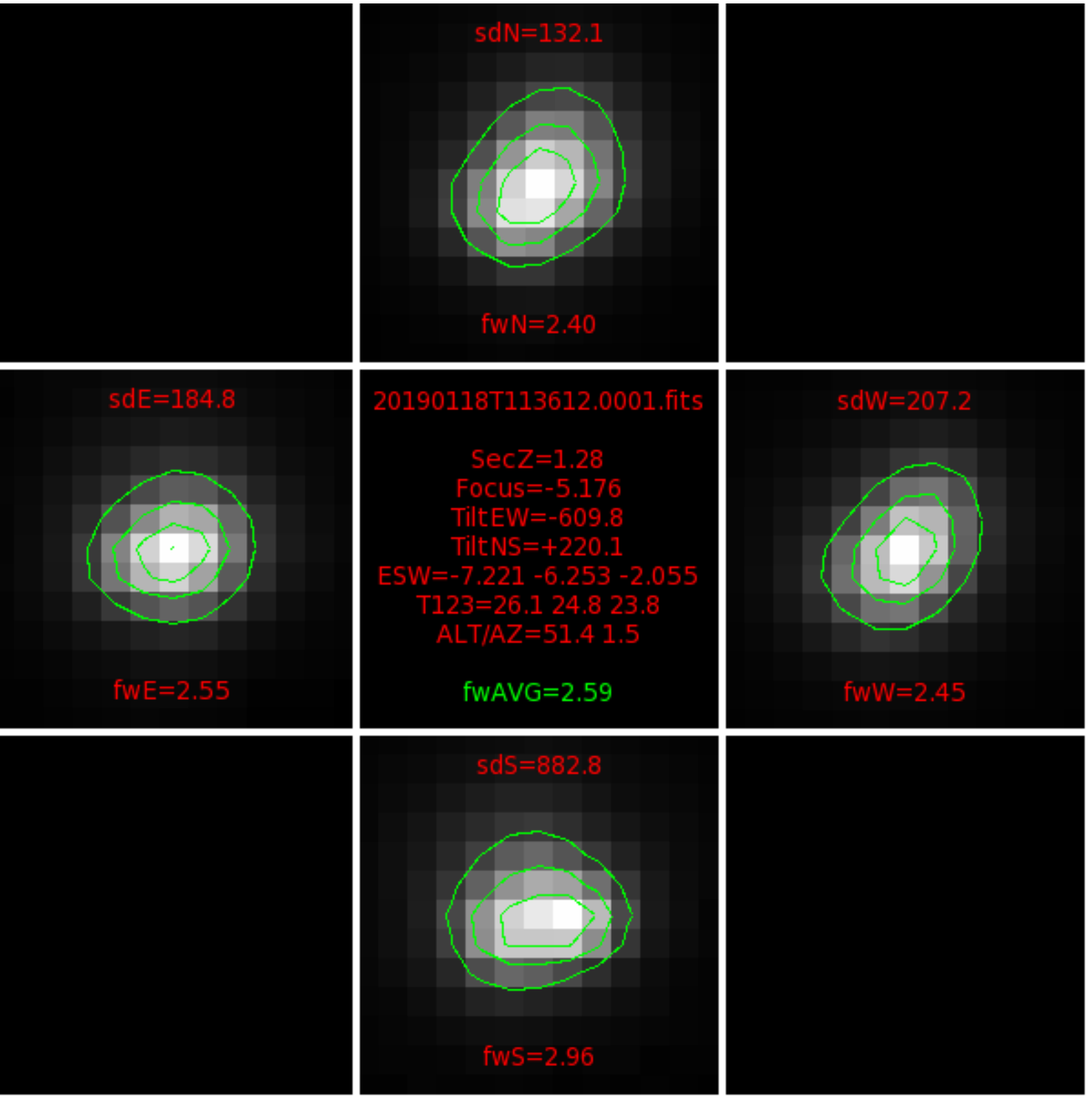
sdN=132.1
fwN=2.40
sdE=184.8
fwE=2.55
20190118T113612.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=26.1 24.8 23.8
ALT/AZ=51.4 1.5
fwAVG=2.59
sdW=207.2
fwW=2.45
sdS=882.8
fwS=2.96
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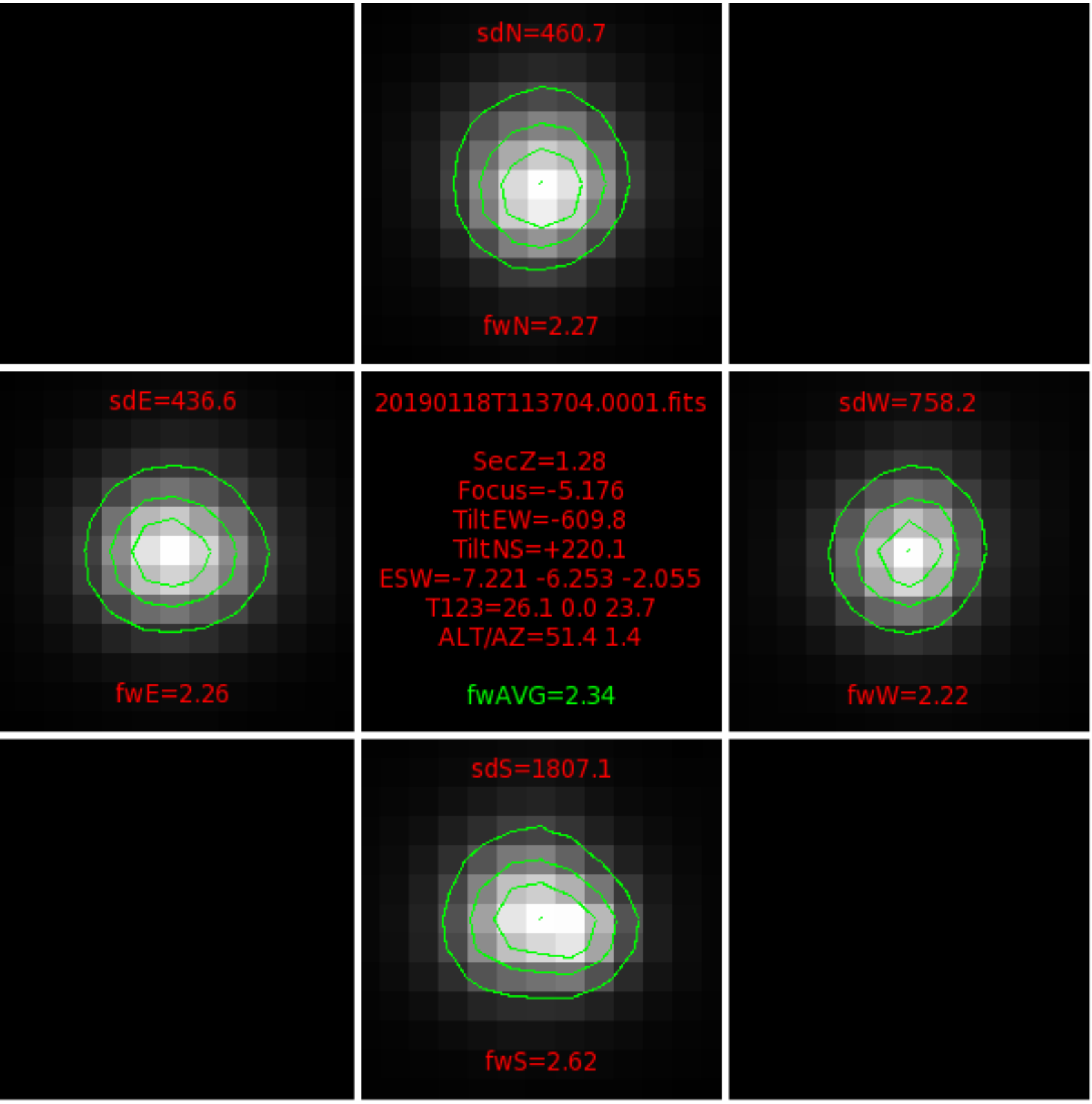
sdN=460.7
fwN=2.27
sdE=436.6
fwE=2.26
20190118T113704.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=26.1 0.0 23.7
ALT/AZ=51.4 1.4
fwAVG=2.34
sdW=758.2
fwW=2.22
sdS=1807.1
fwS=2.62
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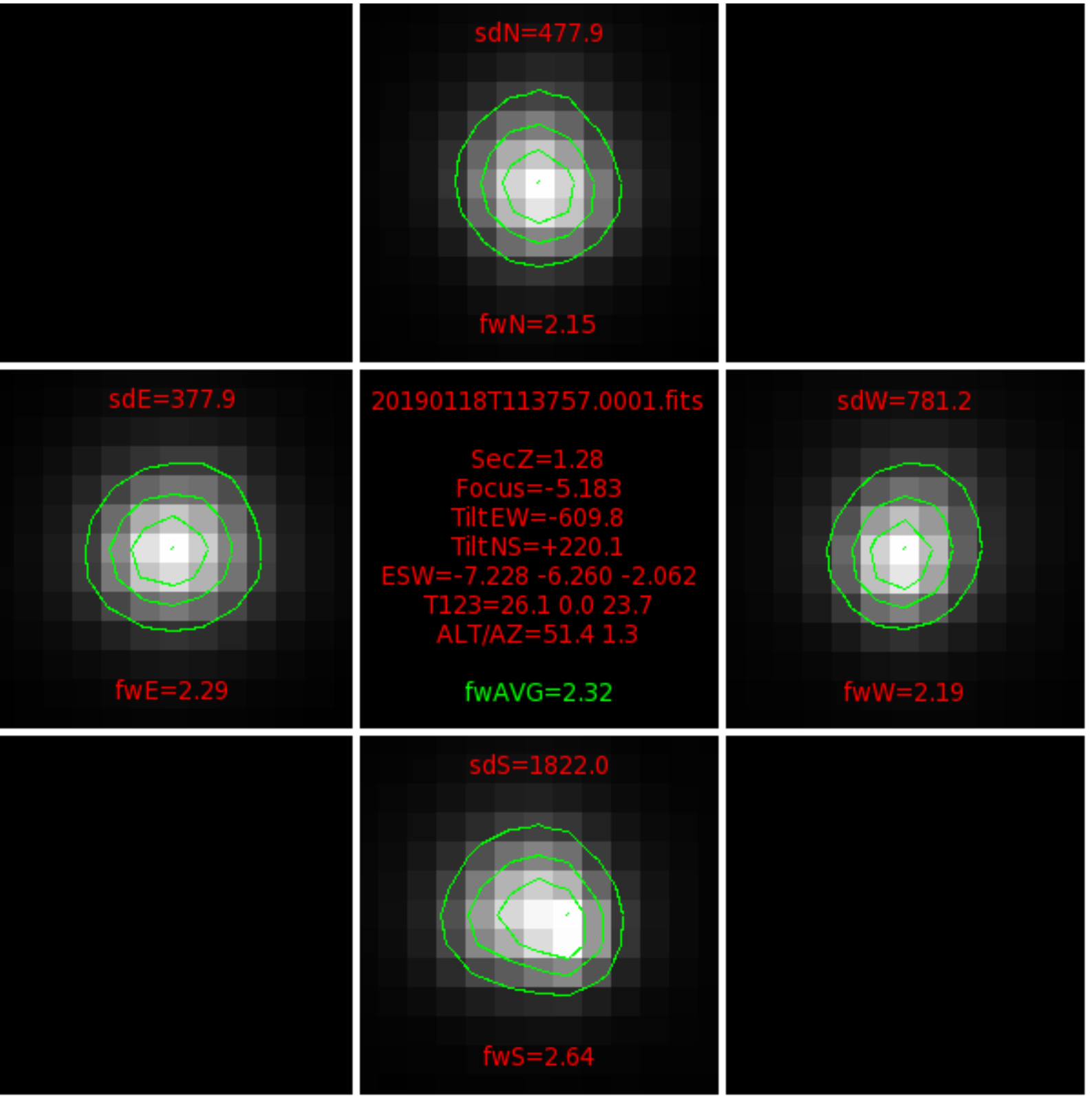
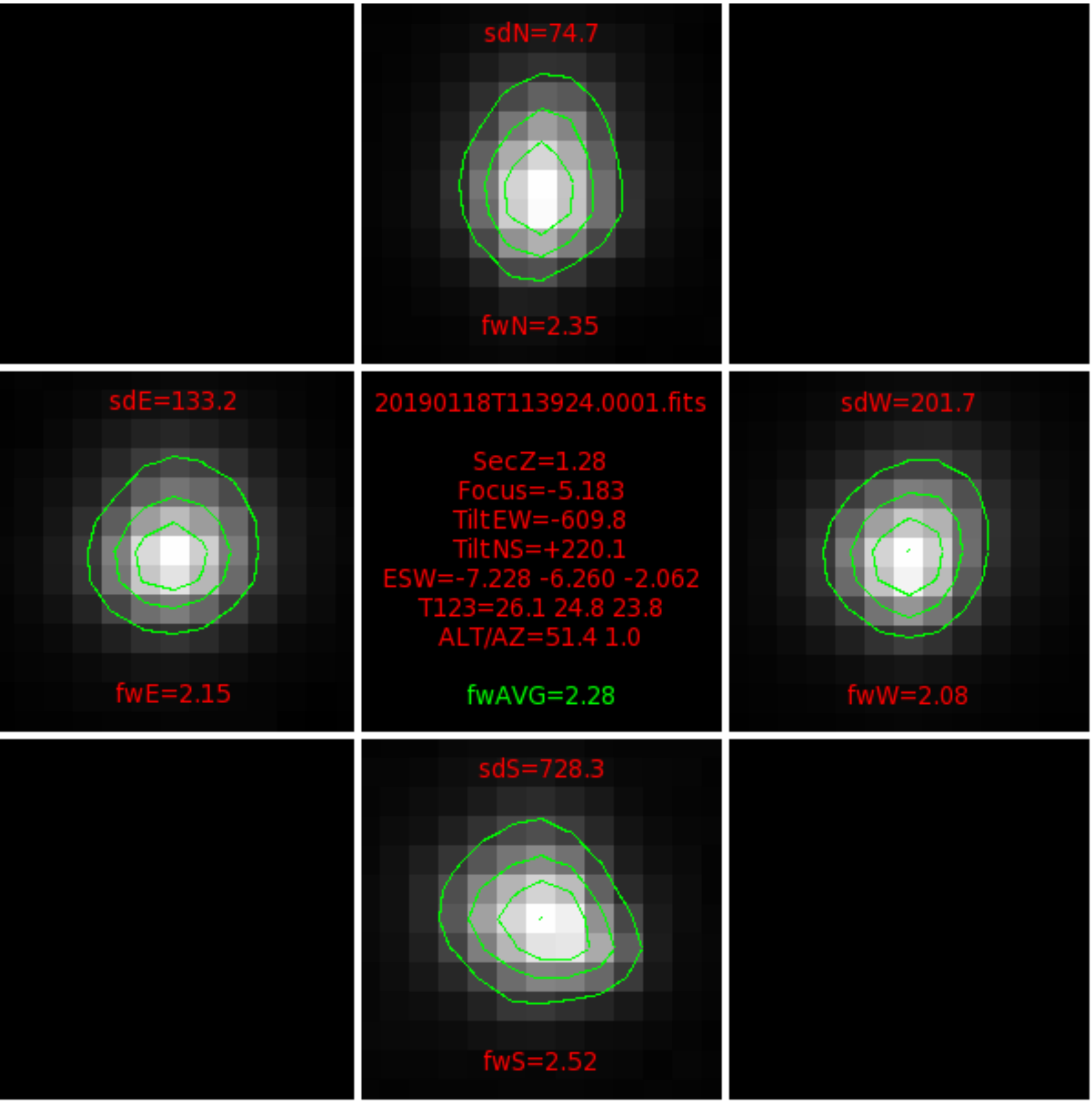

sdN=477.9
fwN=2.15
sdE=377.9
fwE=2.29
20190118T113757.0001.fits
SecZ=1.28
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=26.1 0.0 23.7
ALT/AZ=51.4 1.3
fwAVG=2.32
sdW=781.2
fwW=2.19
sdS=1822.0
fwS=2.64
0 0 0 0 0 0 0 0 0


sdN=74.7
fwN=2.35
sdE=133.2
fwE=2.15
20190118T113924.0001.fits
SecZ=1.28
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=26.1 24.8 23.8
ALT/AZ=51.4 1.0
fwAVG=2.28
sdW=201.7
fwW=2.08
sdS=728.3
fwS=2.52
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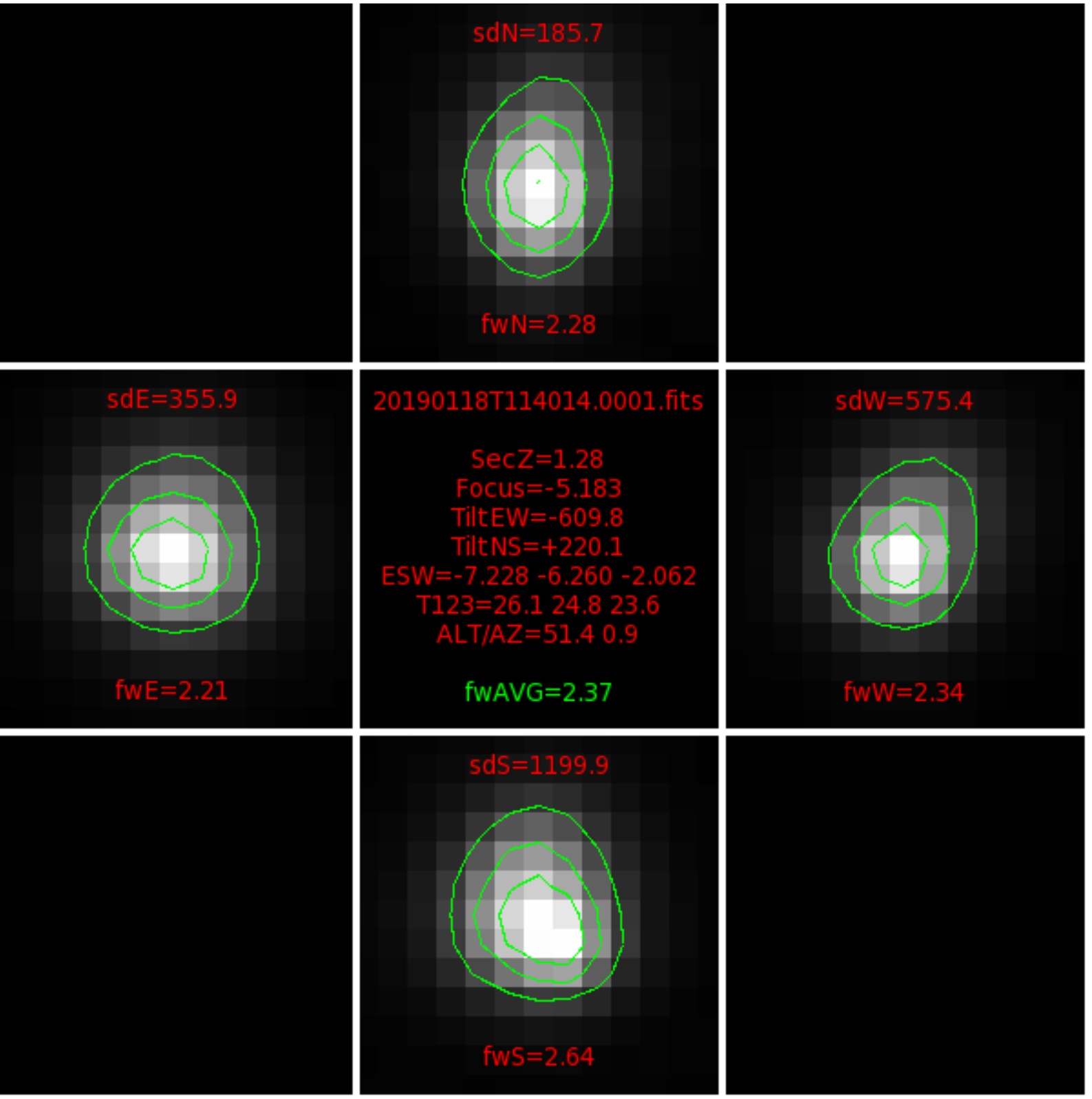
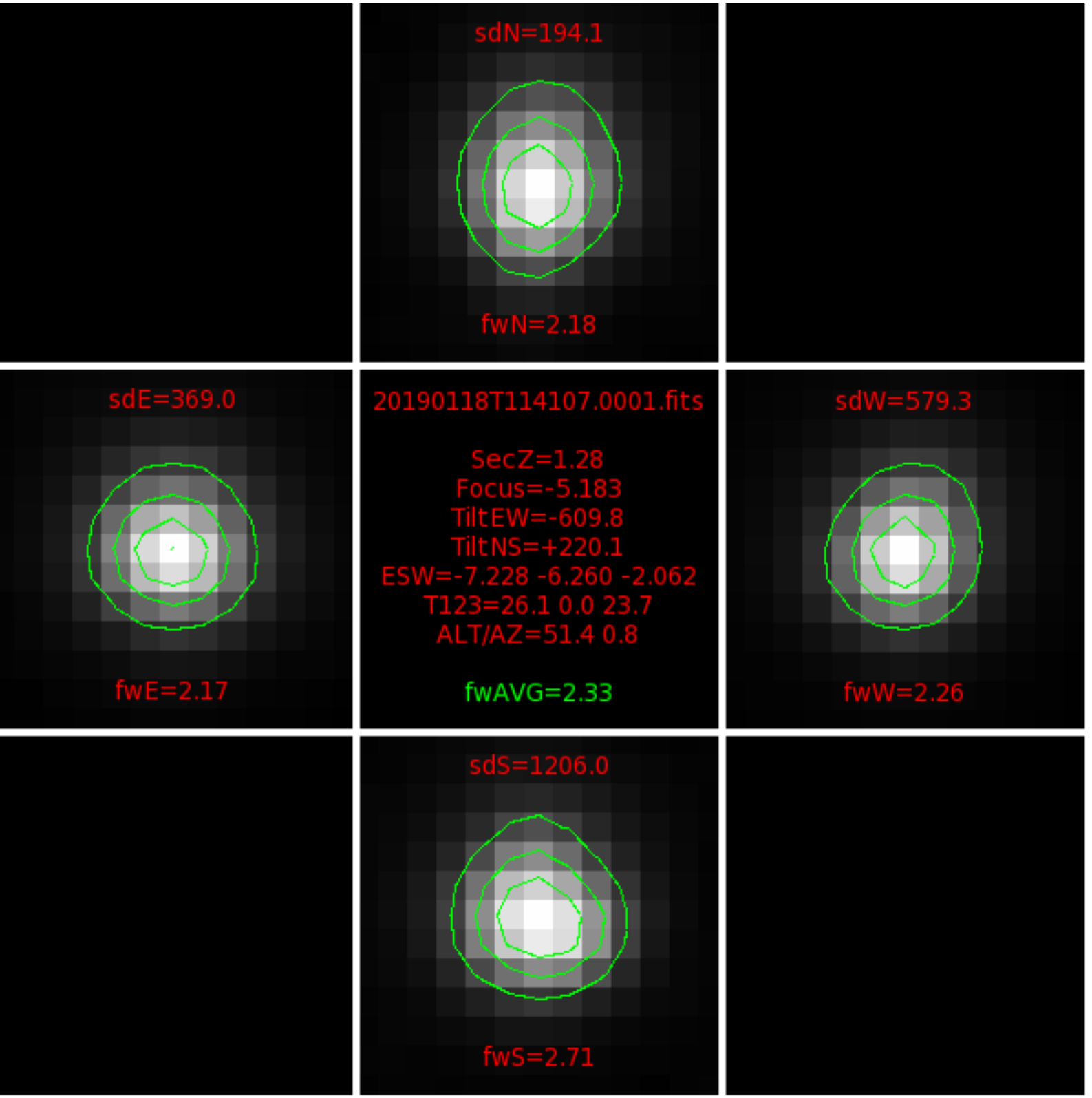

sdN=185.7
fwN=2.28
sdE=355.9
fwE=2.21
20190118T114014.0001.fits
SecZ=1.28
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=26.1 24.8 23.6
ALT/AZ=51.4 0.9
fwAVG=2.37
sdW=575.4
fwW=2.34
sdS=1199.9
fwS=2.64
0 0 0 0 0 0 0 0 0


sdN=194.1
fwN=2.18
sdE=369.0
fwE=2.17
20190118T114107.0001.fits
SecZ=1.28
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=26.1 0.0 23.7
ALT/AZ=51.4 0.8
fwAVG=2.33
sdW=579.3
fwW=2.26
sdS=1206.0
fwS=2.71
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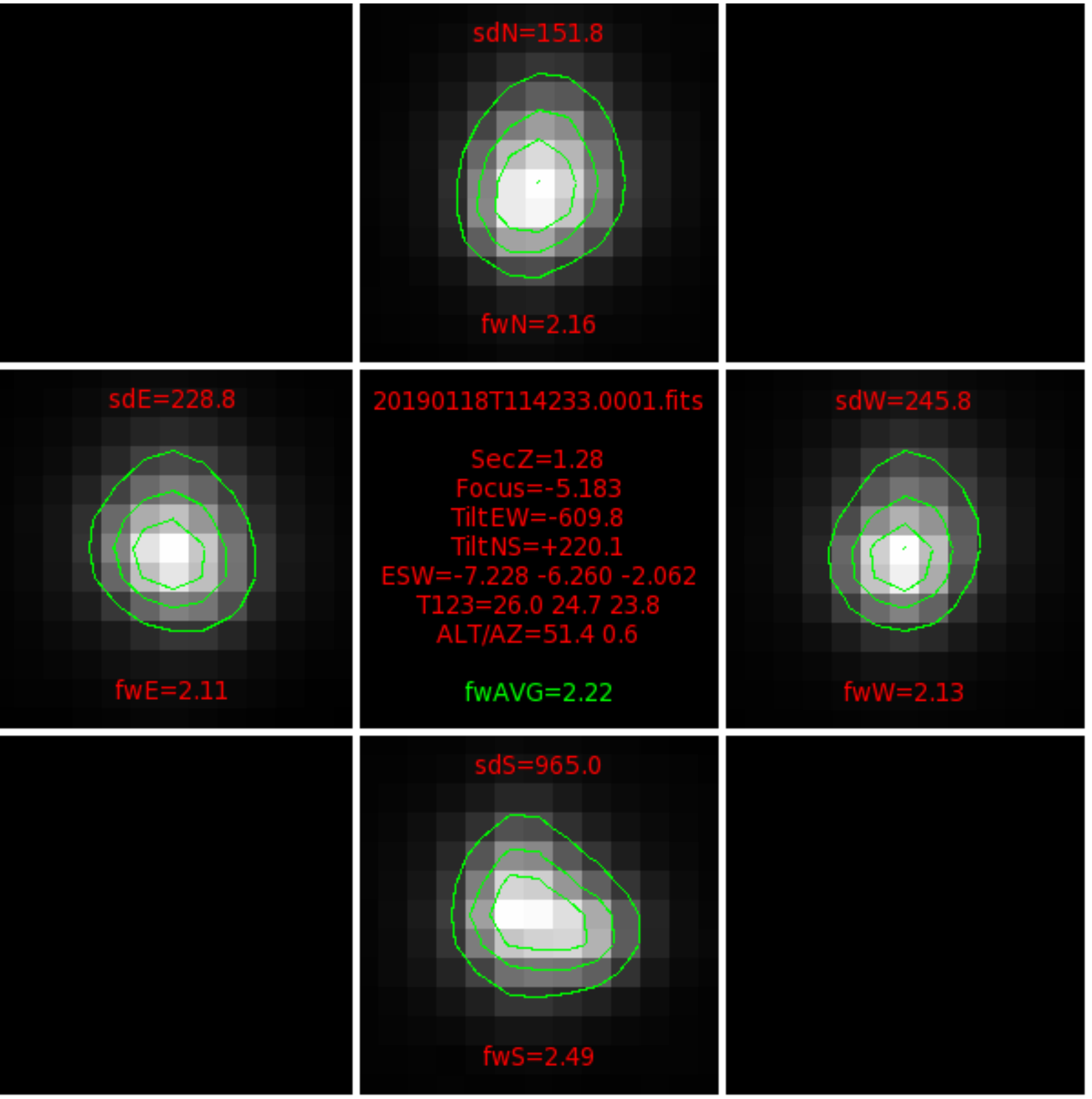
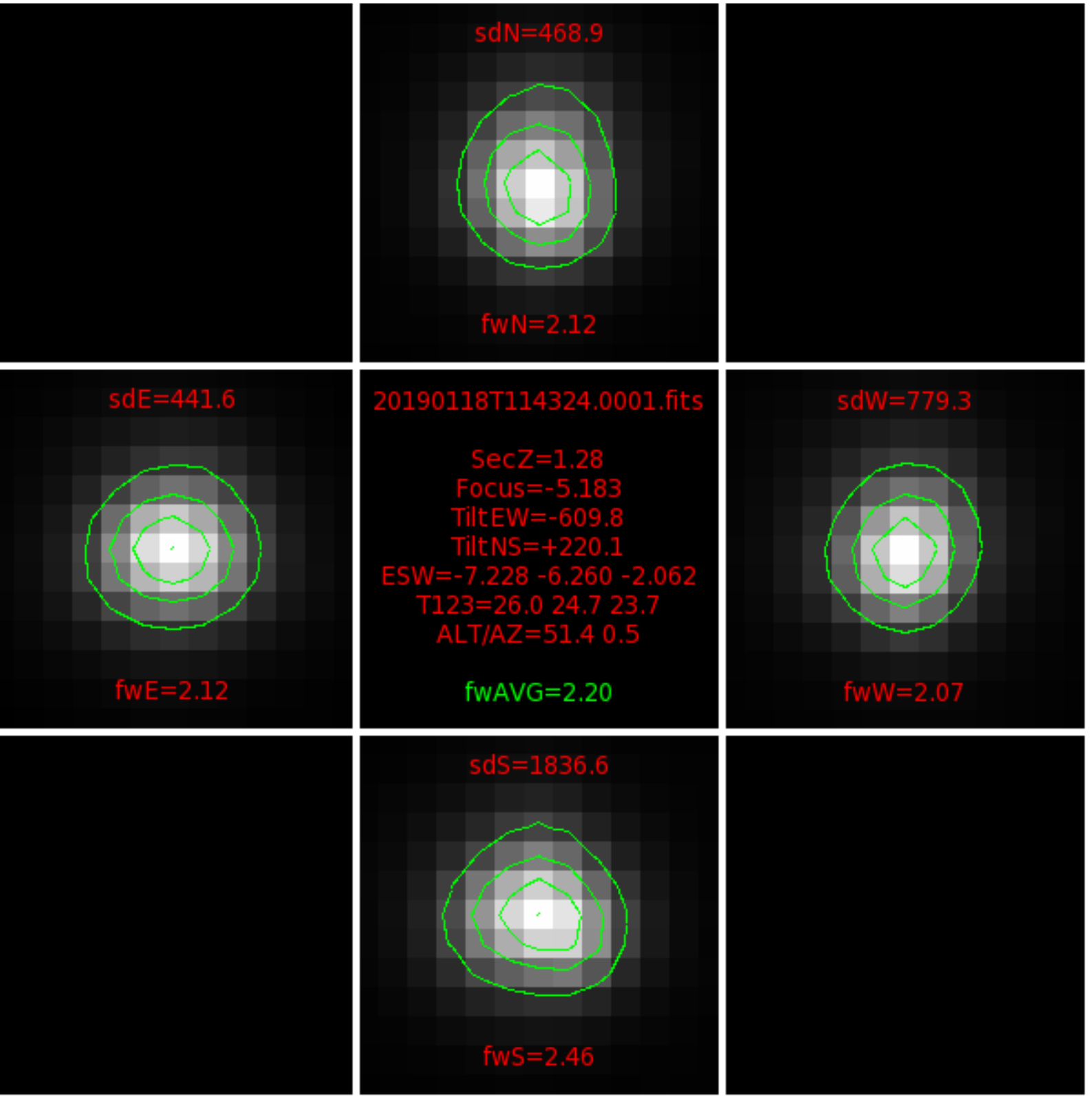

sdN=151.8
fwN=2.16
sdE=228.8
fwE=2.11
20190118T114233.0001.fits
SecZ=1.28
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=26.0 24.7 23.8
ALT/AZ=51.4 0.6
fwAVG=2.22
sdW=245.8
fwW=2.13
sdS=965.0
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=468.9
fwN=2.12
sdE=441.6
fwE=2.12
20190118T114324.0001.fits
SecZ=1.28
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=26.0 24.7 23.7
ALT/AZ=51.4 0.5
fwAVG=2.20
sdW=779.3
fwW=2.07
sdS=1836.6
fwS=2.46
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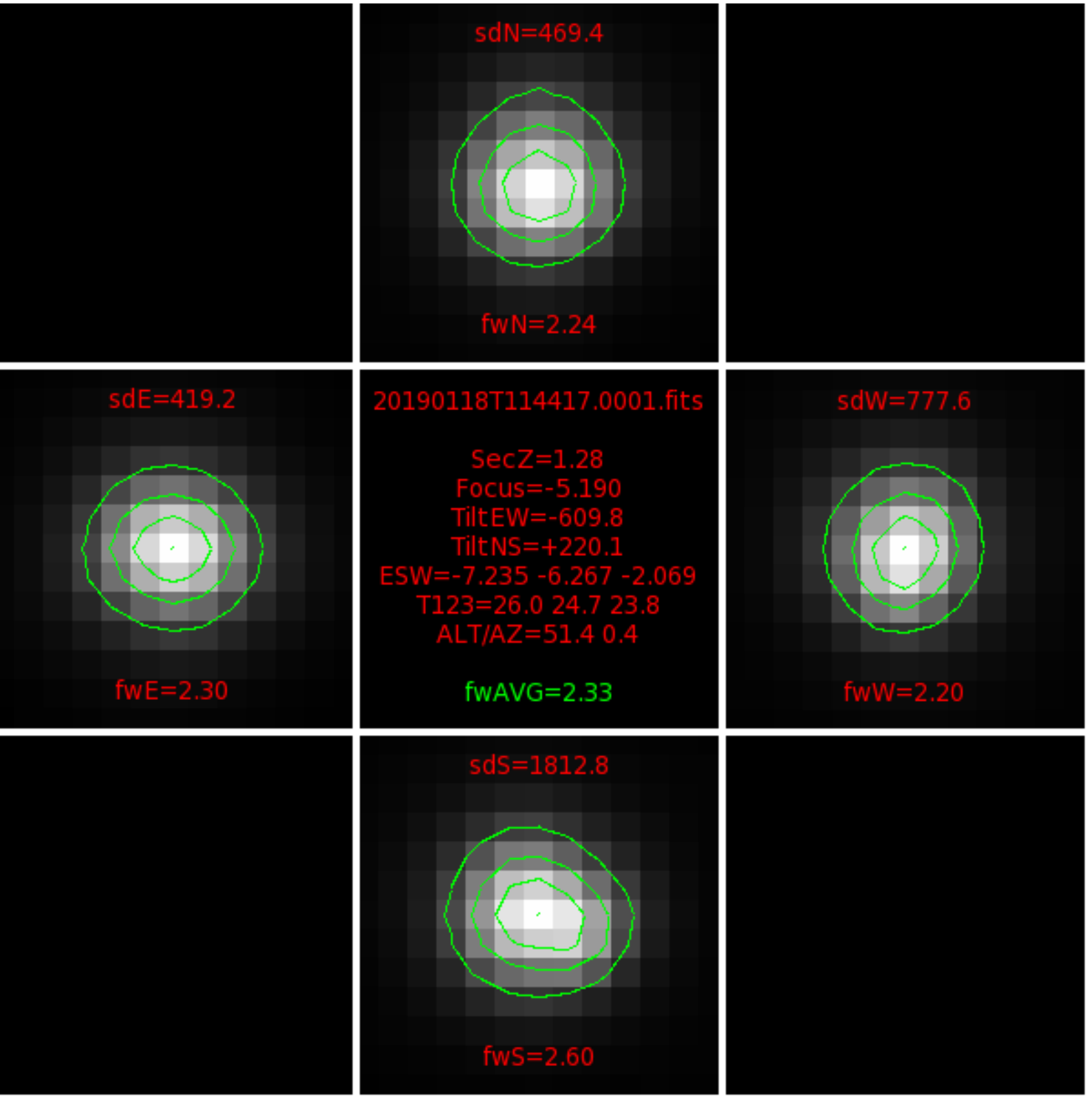
sdN=469.4
fwN=2.24
sdE=419.2
fwE=2.30
20190118T114417.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 24.7 23.8
ALT/AZ=51.4 0.4
fwAVG=2.33
sdW=777.6
fwW=2.20
sdS=1812.8
fwS=2.60
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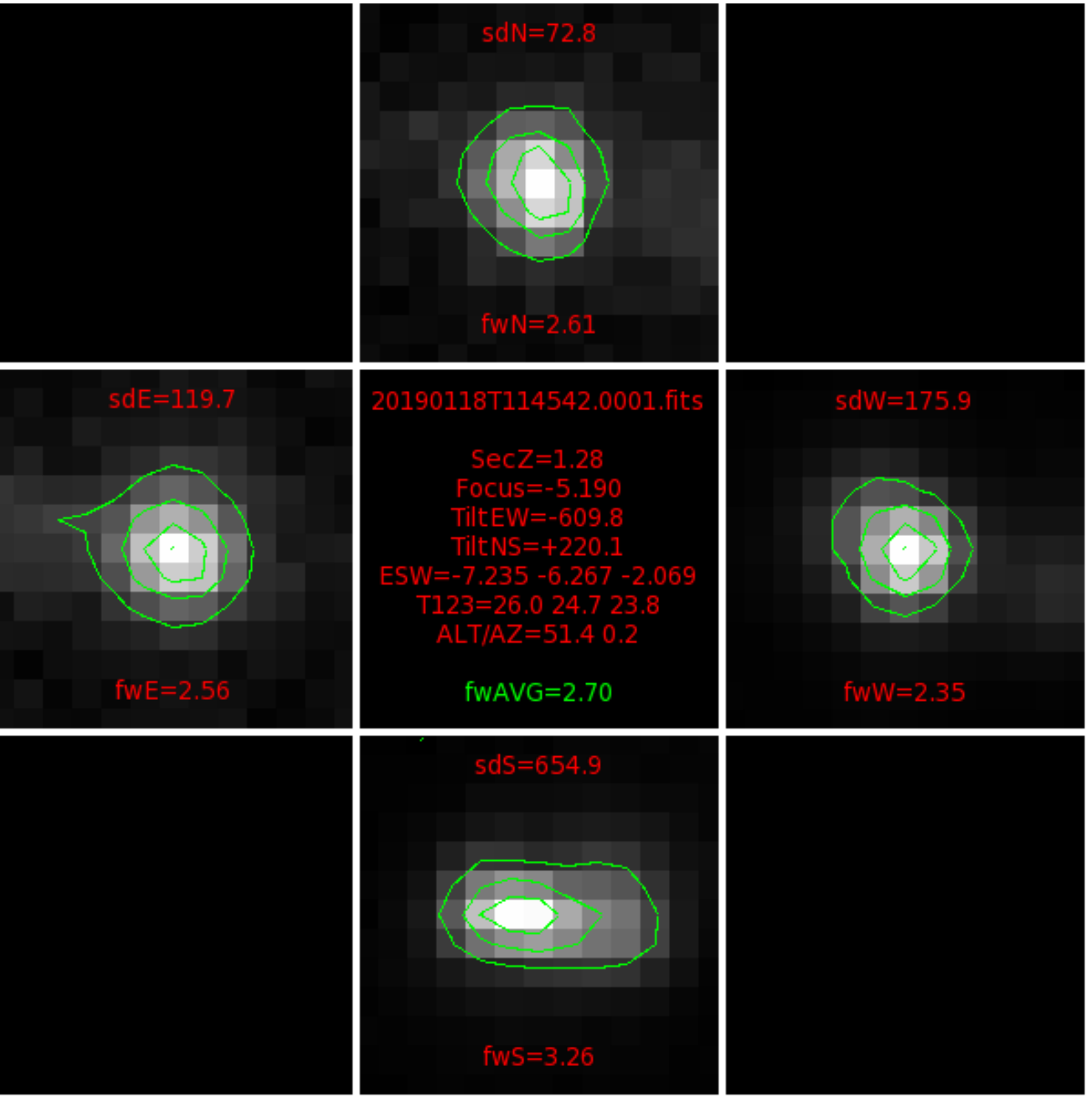
sdN=72.8
fwN=2.61
sdE=119.7
fwE=2.56
20190118T114542.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 24.7 23.8
ALT/AZ=51.4 0.2
fwAVG=2.70
sdW=175.9
fwW=2.35
sdS=654.9
fwS=3.26
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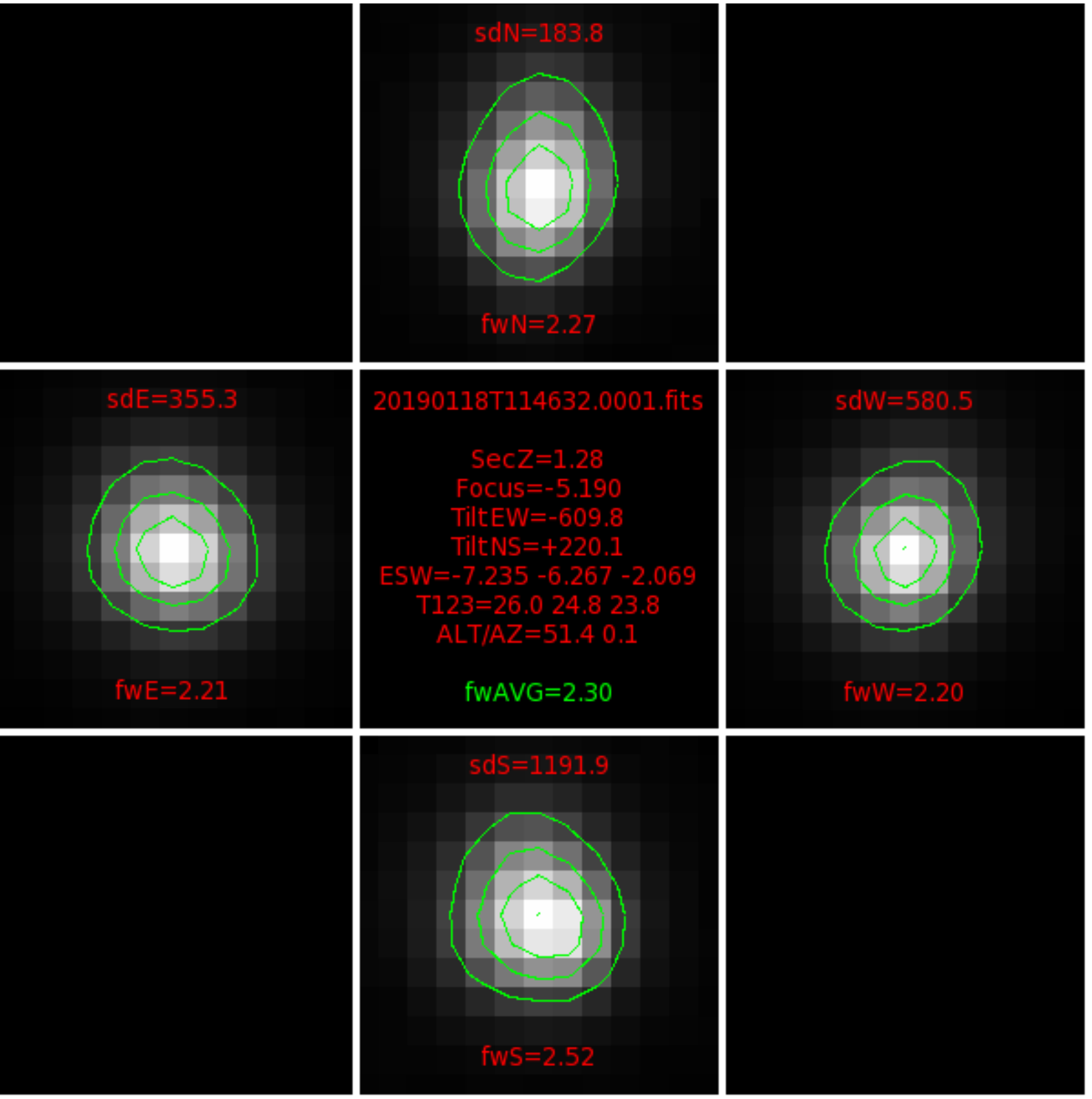
sdN=183.8
fwN=2.27
sdE=355.3
fwE=2.21
20190118T114632.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 24.8 23.8
ALT/AZ=51.4 0.1
fwAVG=2.30
sdW=580.5
fwW=2.20
sdS=1191.9
fwS=2.52
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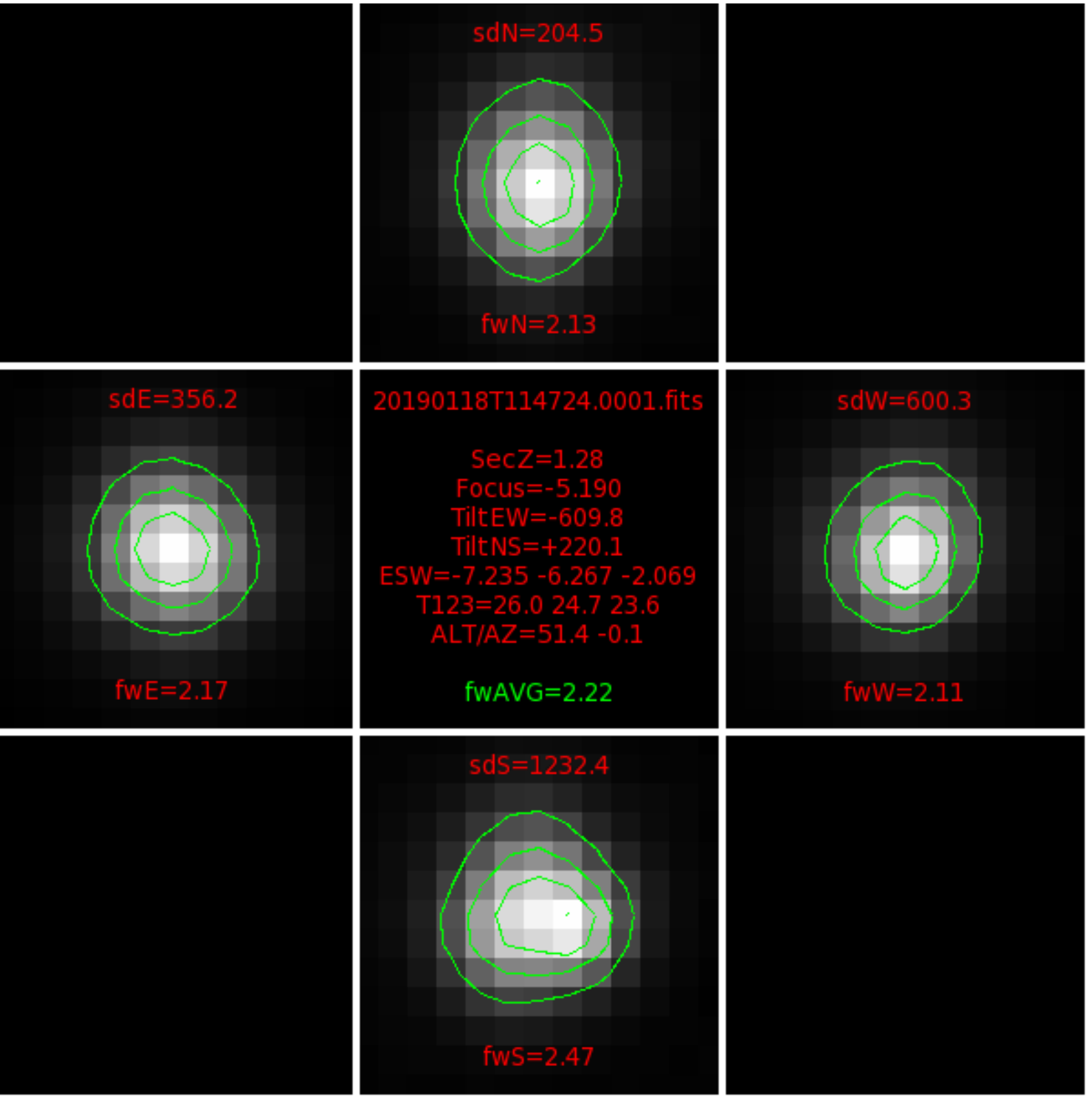
sdN=204.5
fwN=2.13
sdE=356.2
fwE=2.17
20190118T114724.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 24.7 23.6
ALT/AZ=51.4 -0.1
fwAVG=2.22
sdW=600.3
fwW=2.11
sdS=1232.4
fwS=2.47
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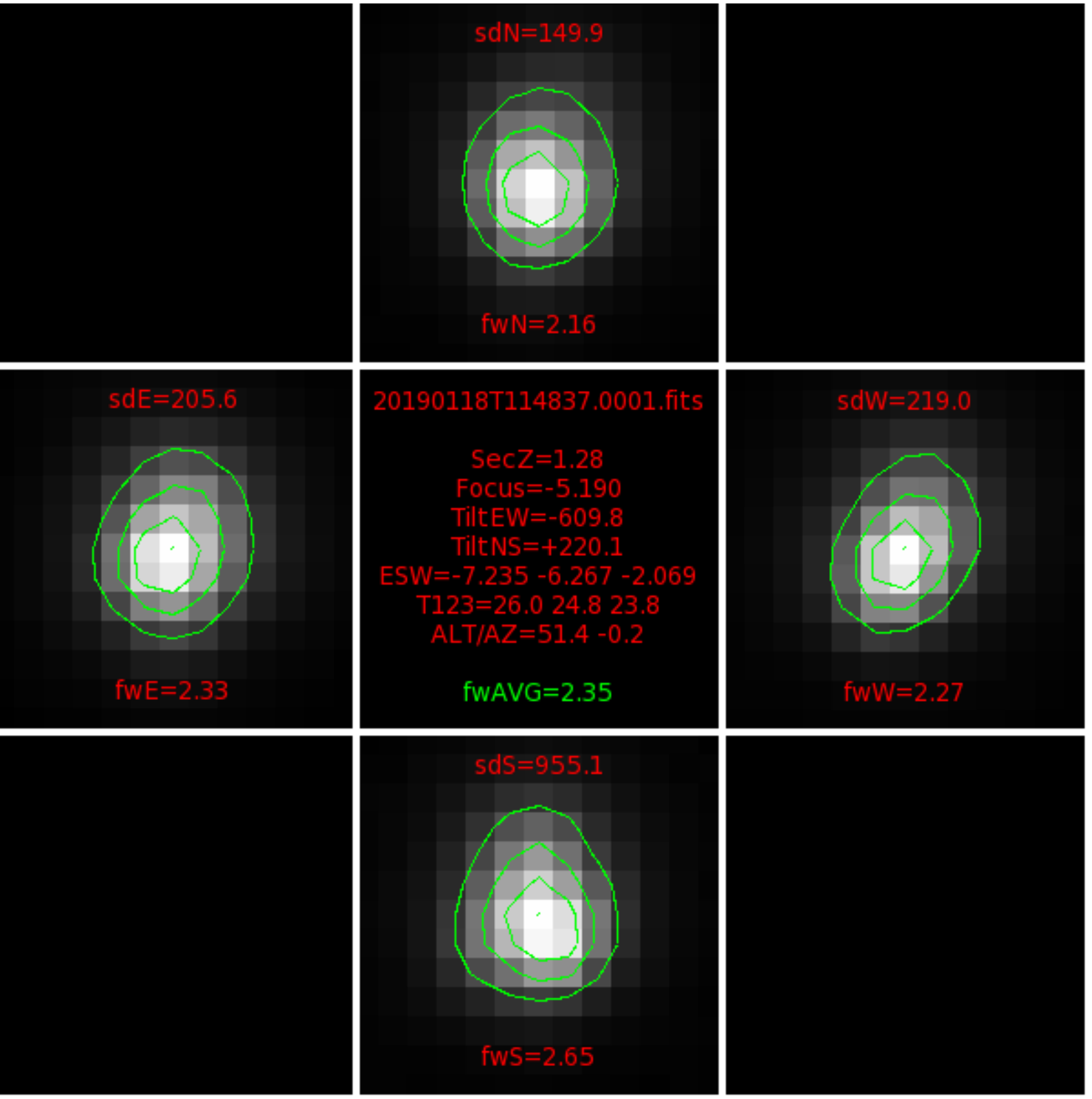
sdN=149.9
fwN=2.16
sdE=205.6
fwE=2.33
20190118T114837.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 24.8 23.8
ALT/AZ=51.4 -0.2
fwAVG=2.35
sdW=219.0
fwW=2.27
sdS=955.1
fwS=2.65
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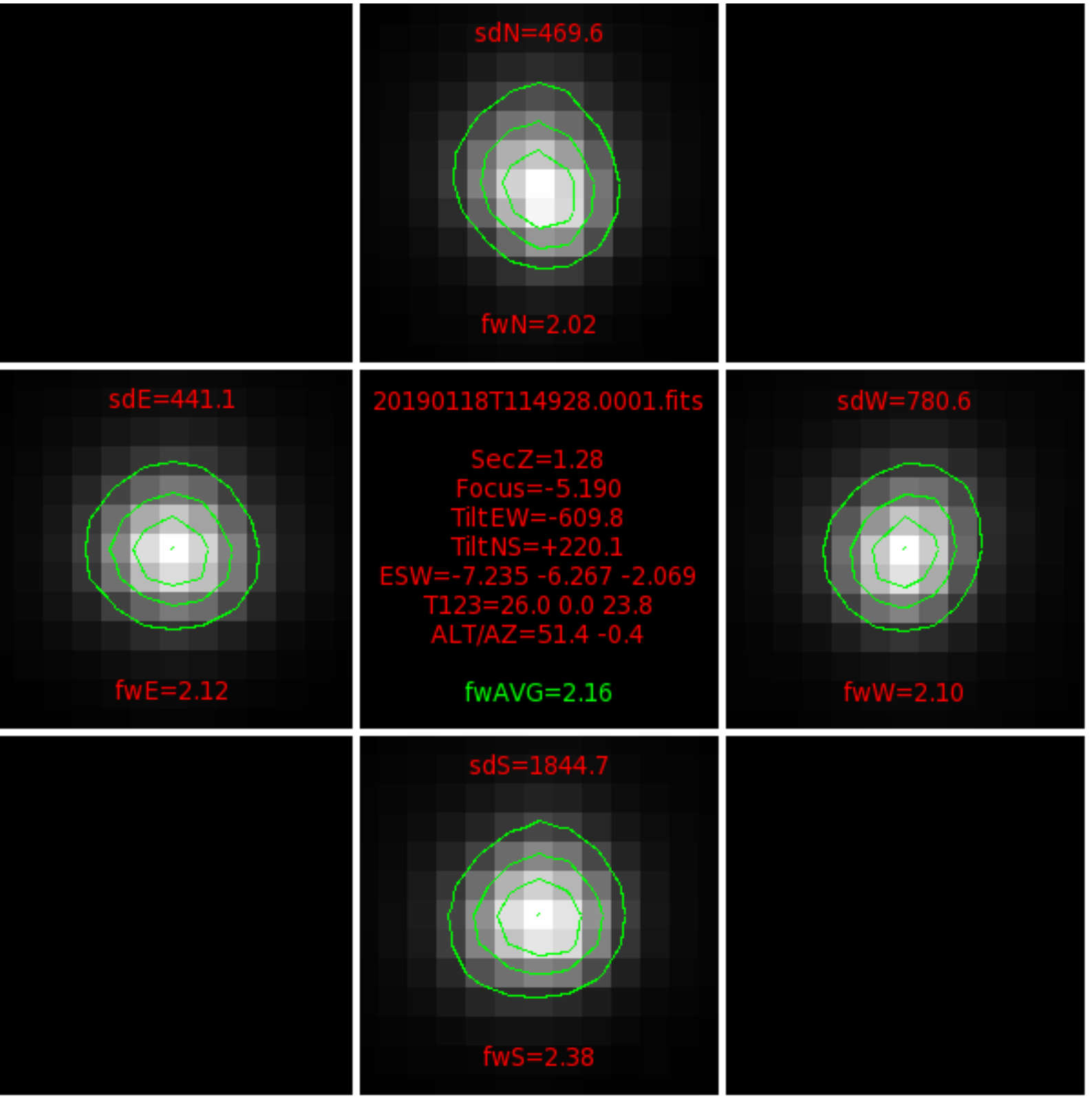
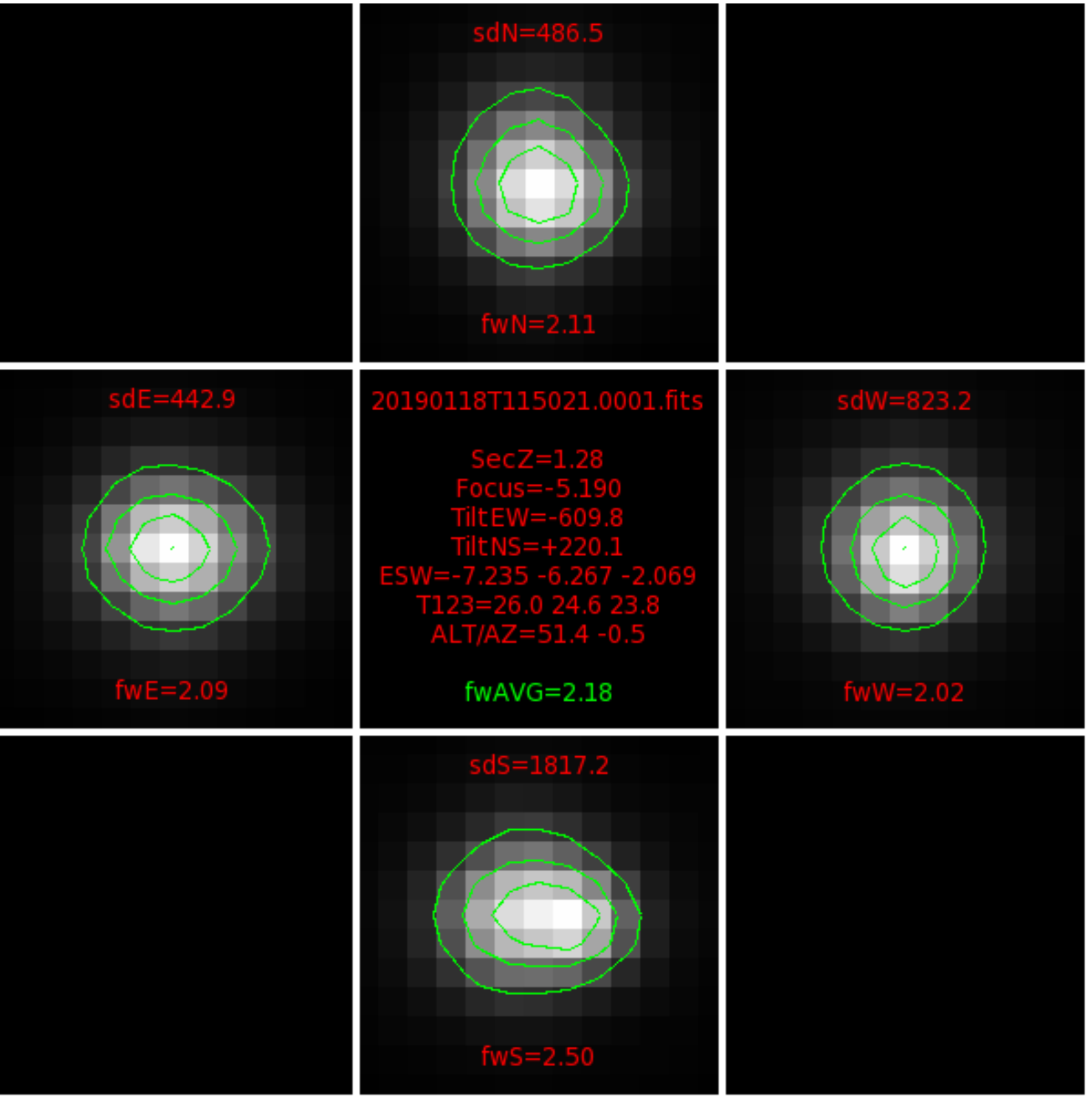
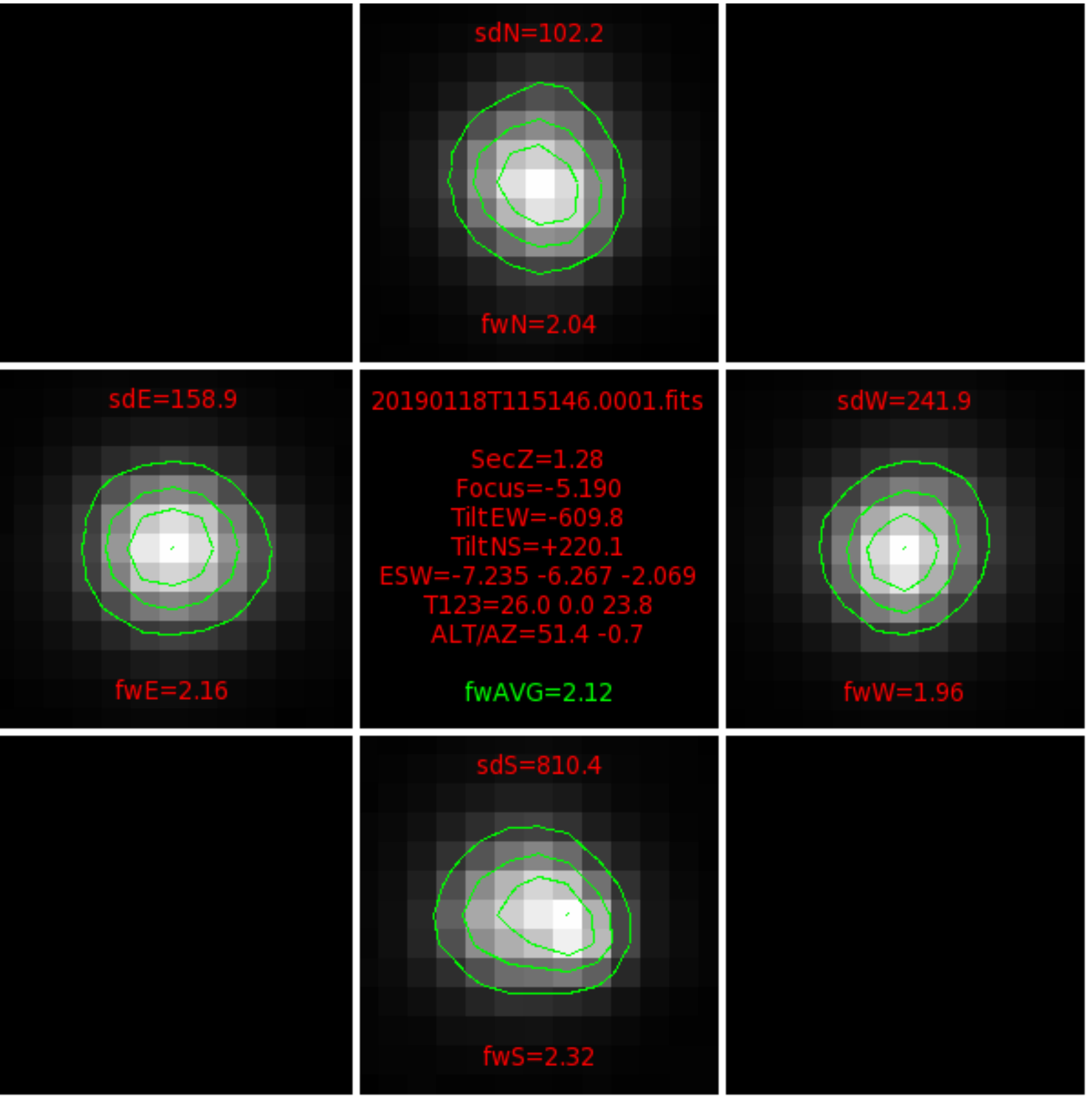

sdN=469.6
fwN=2.02
sdE=441.1
fwE=2.12
20190118T114928.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 0.0 23.8
ALT/AZ=51.4 -0.4
fwAVG=2.16
sdW=780.6
fwW=2.10
sdS=1844.7
fwS=2.38
0 0 0 0 0 0 0 0 0


sdN=486.5
fwN=2.11
sdE=442.9
fwE=2.09
20190118T115021.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 24.6 23.8
ALT/AZ=51.4 -0.5
fwAVG=2.18
sdW=823.2
fwW=2.02
sdS=1817.2
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=102.2
fwN=2.04
sdE=158.9
fwE=2.16
20190118T115146.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 0.0 23.8
ALT/AZ=51.4 -0.7
fwAVG=2.12
sdW=241.9
fwW=1.96
sdS=810.4
fwS=2.32
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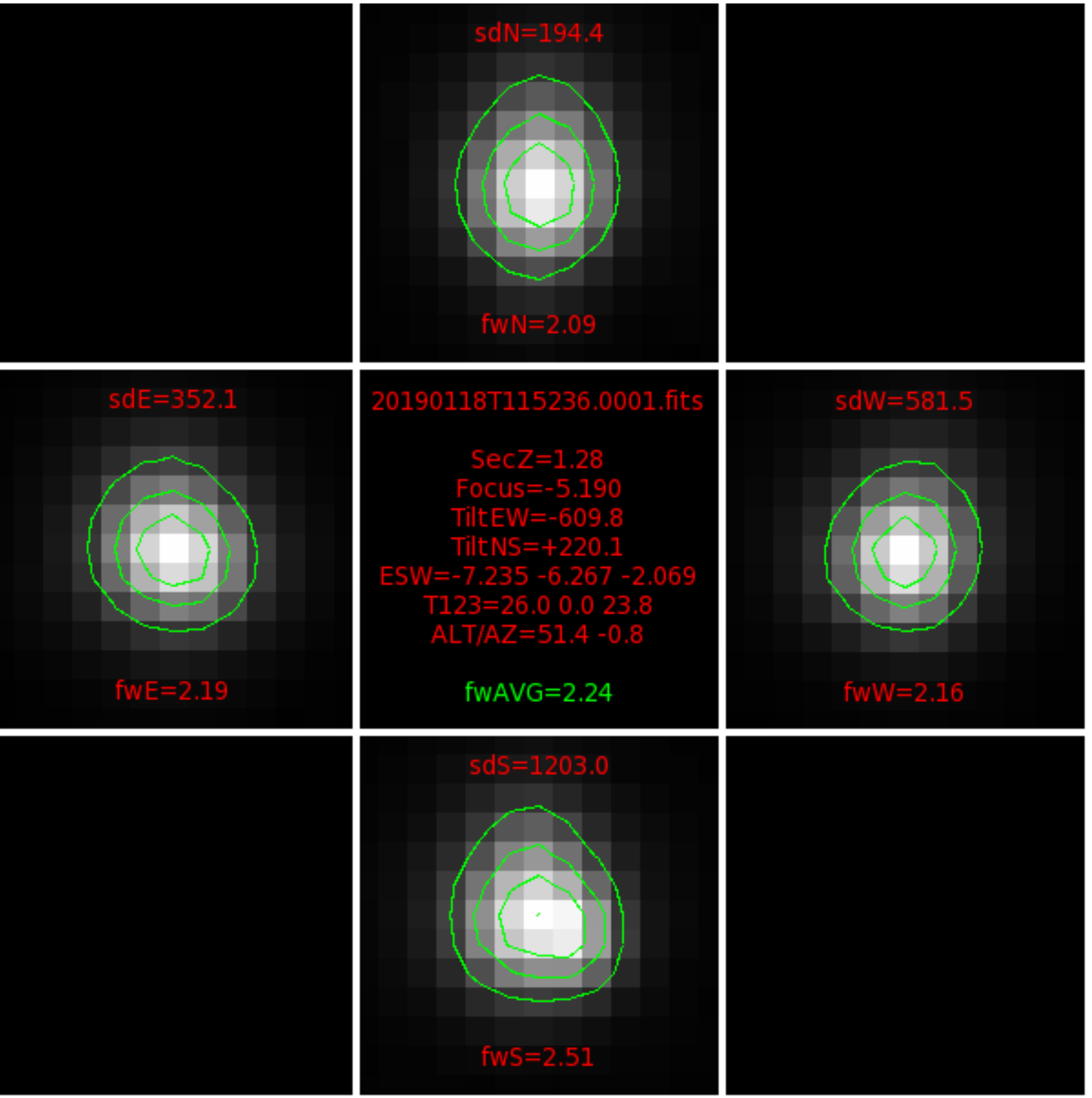
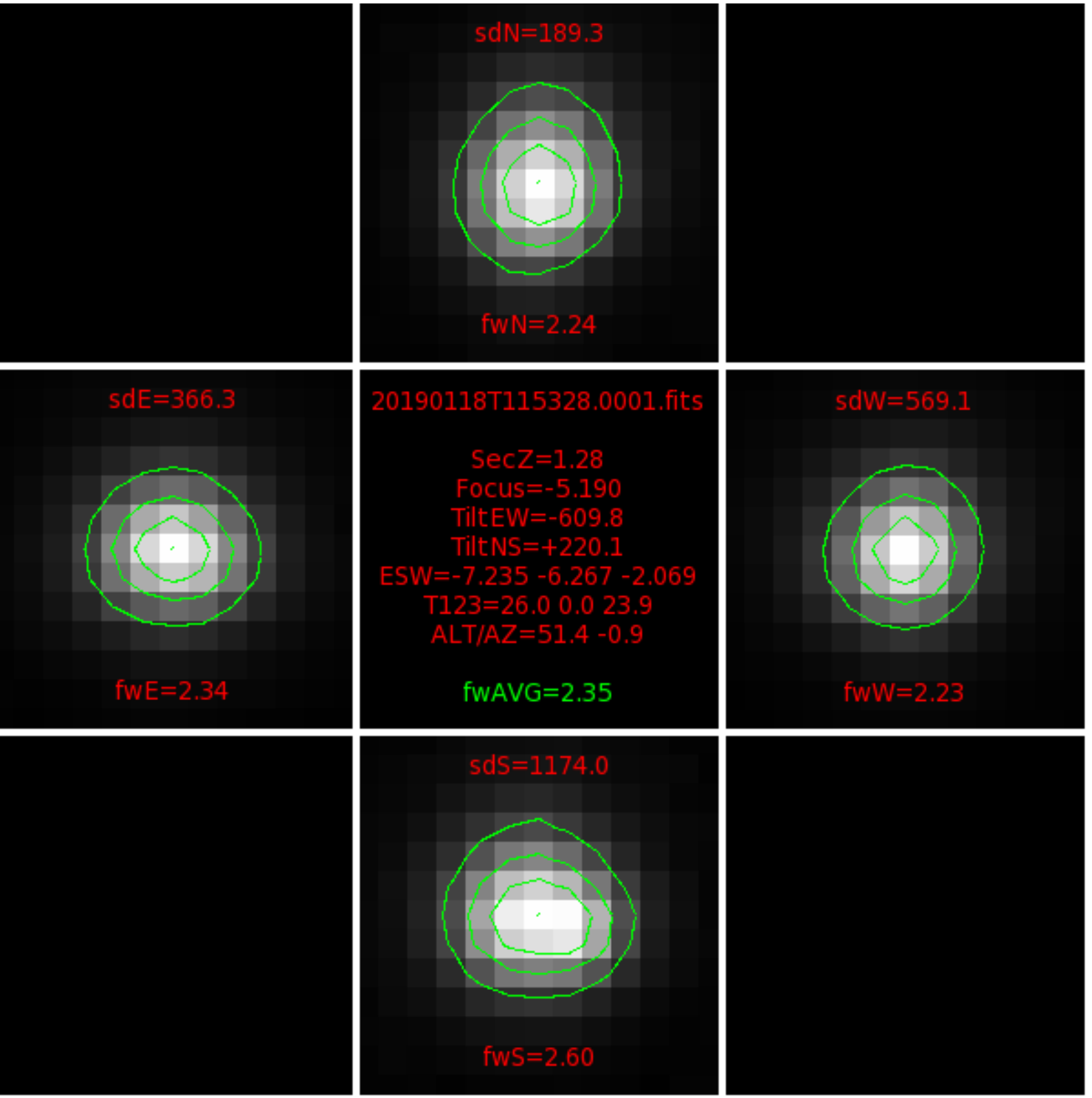
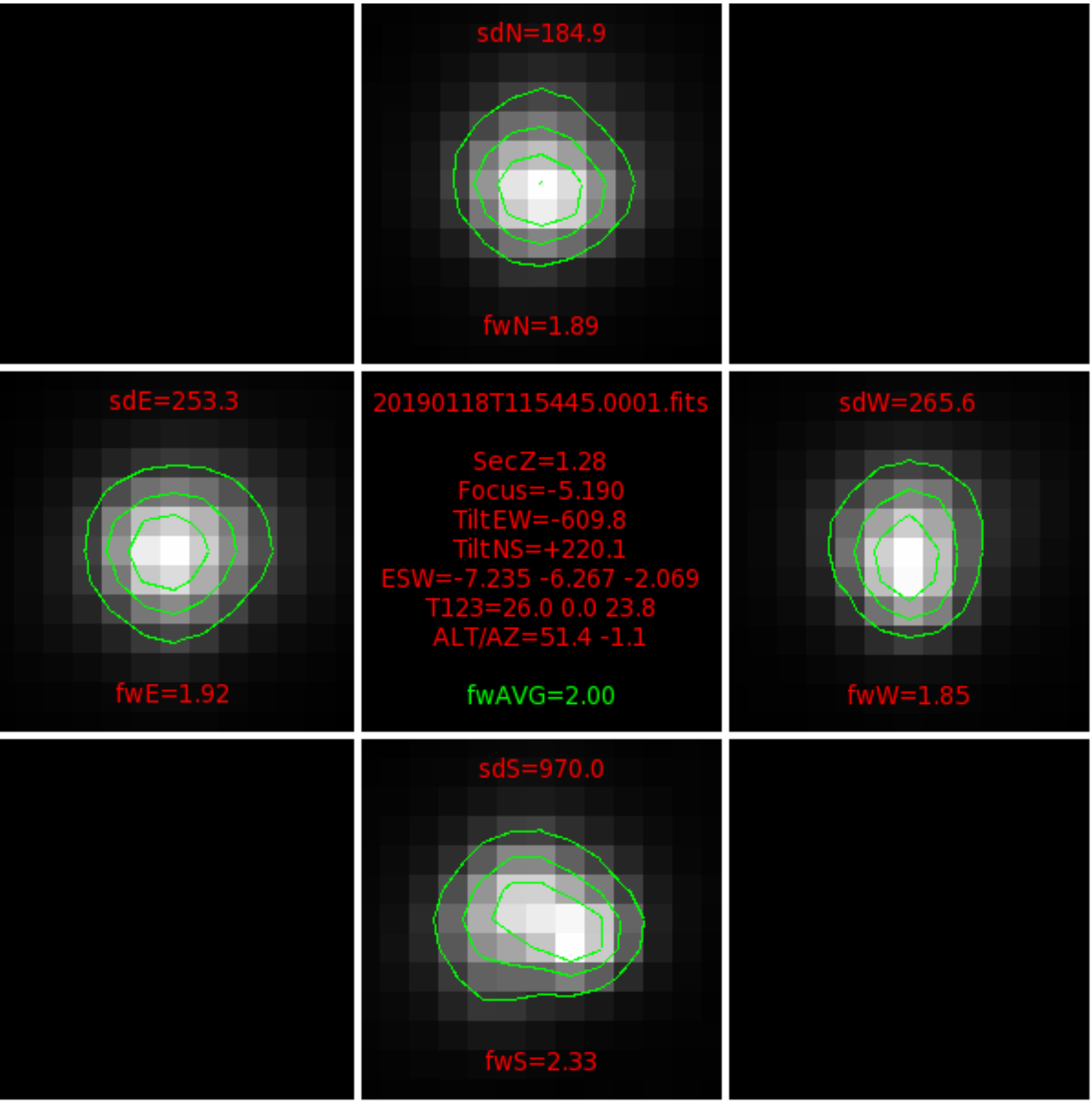
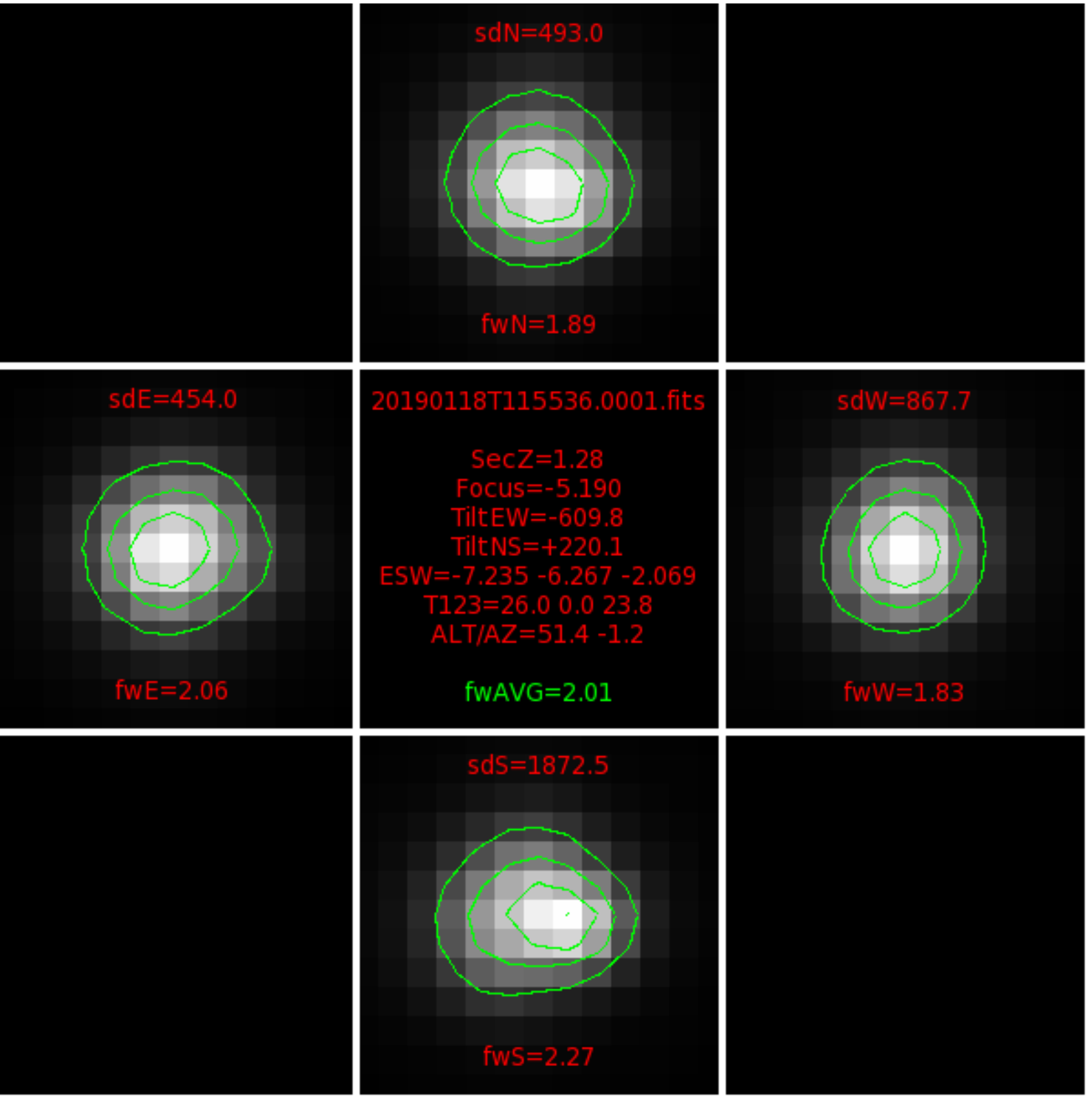

sdN=194.4
fwN=2.09
sdE=352.1
fwE=2.19
20190118T115236.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 0.0 23.8
ALT/AZ=51.4 -0.8
fwAVG=2.24
sdW=581.5
fwW=2.16
sdS=1203.0
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=189.3
fwN=2.24
sdE=366.3
fwE=2.34
20190118T115328.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 0.0 23.9
ALT/AZ=51.4 -0.9
fwAVG=2.35
sdW=569.1
fwW=2.23
sdS=1174.0
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=184.9
fwN=1.89
sdE=253.3
fwE=1.92
20190118T115445.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 0.0 23.8
ALT/AZ=51.4 -1.1
fwAVG=2.00
sdW=265.6
fwW=1.85
sdS=970.0
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=493.0
fwN=1.89
sdE=454.0
fwE=2.06
20190118T115536.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 0.0 23.8
ALT/AZ=51.4 -1.2
fwAVG=2.01
sdW=867.7
fwW=1.83
sdS=1872.5
fwS=2.27
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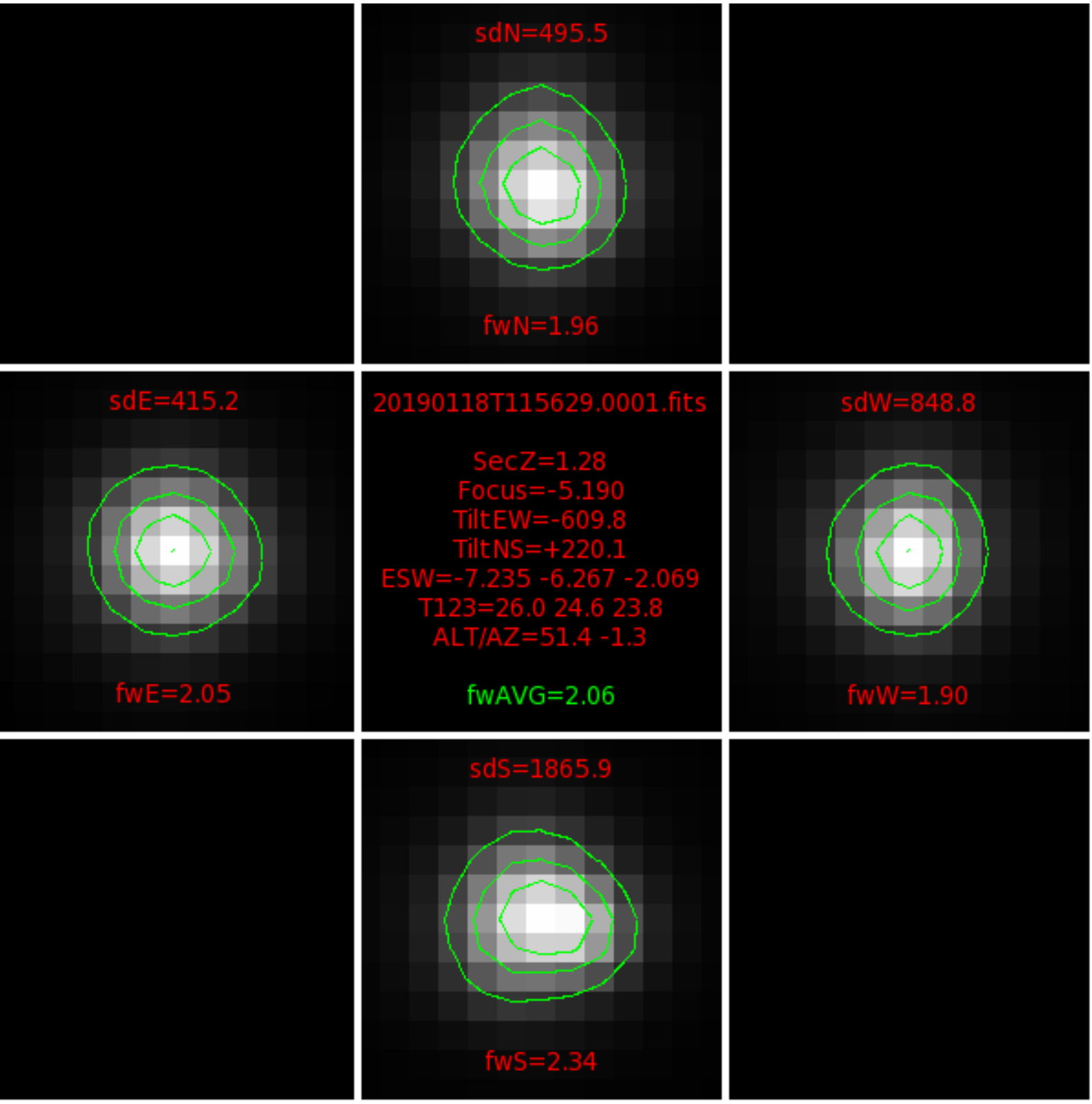
sdN=495.5
fwN=1.96
sdE=415.2
fwE=2.05
20190118T115629.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 24.6 23.8
ALT/AZ=51.4 -1.3
fwAVG=2.06
sdW=848.8
fwW=1.90
sdS=1865.9
fwS=2.34
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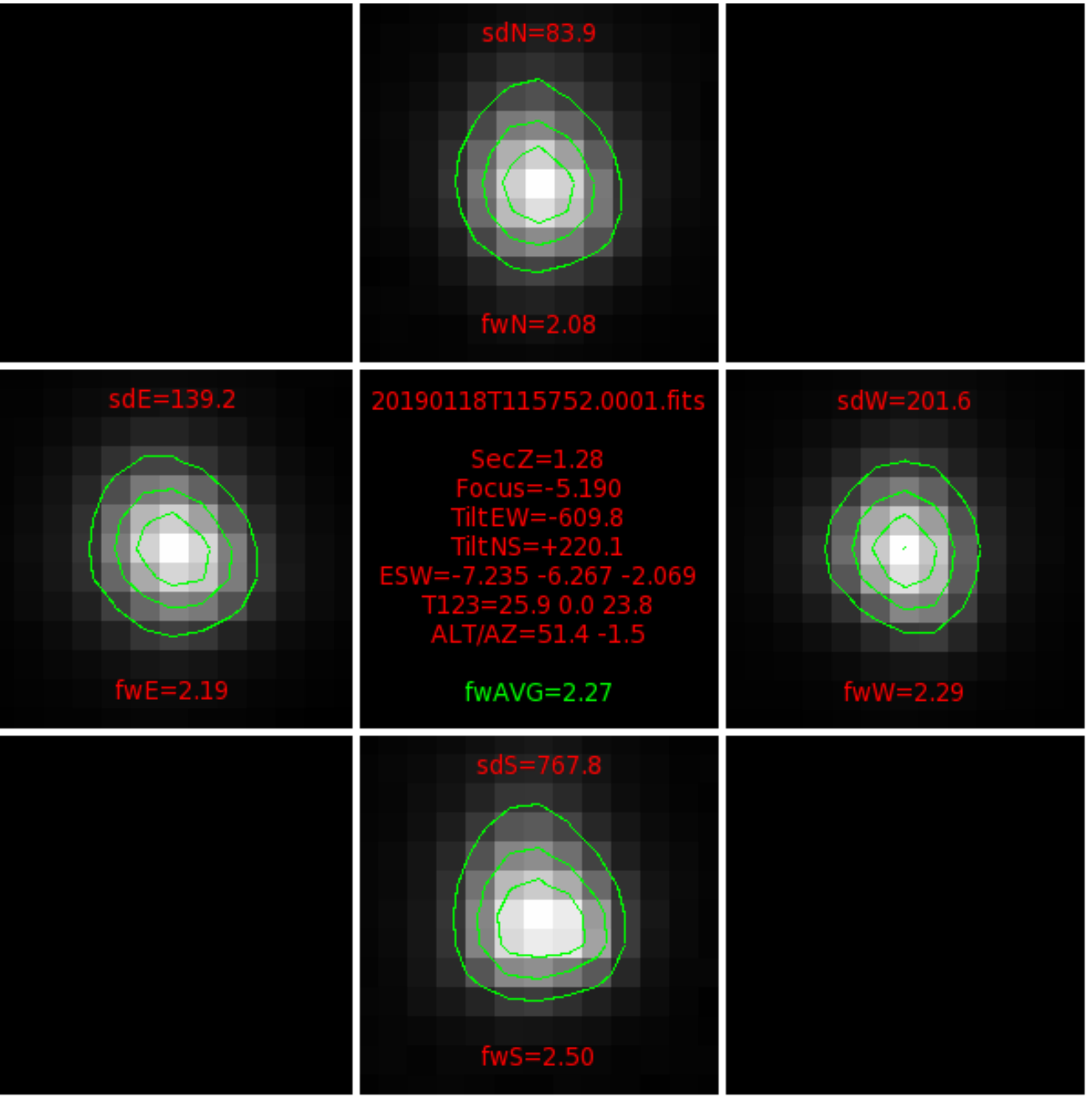
sdN=83.9
fwN=2.08
sdE=139.2
fwE=2.19
20190118T115752.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=25.9 0.0 23.8
ALT/AZ=51.4 -1.5
fwAVG=2.27
sdW=201.6
fwW=2.29
sdS=767.8
fwS=2.50
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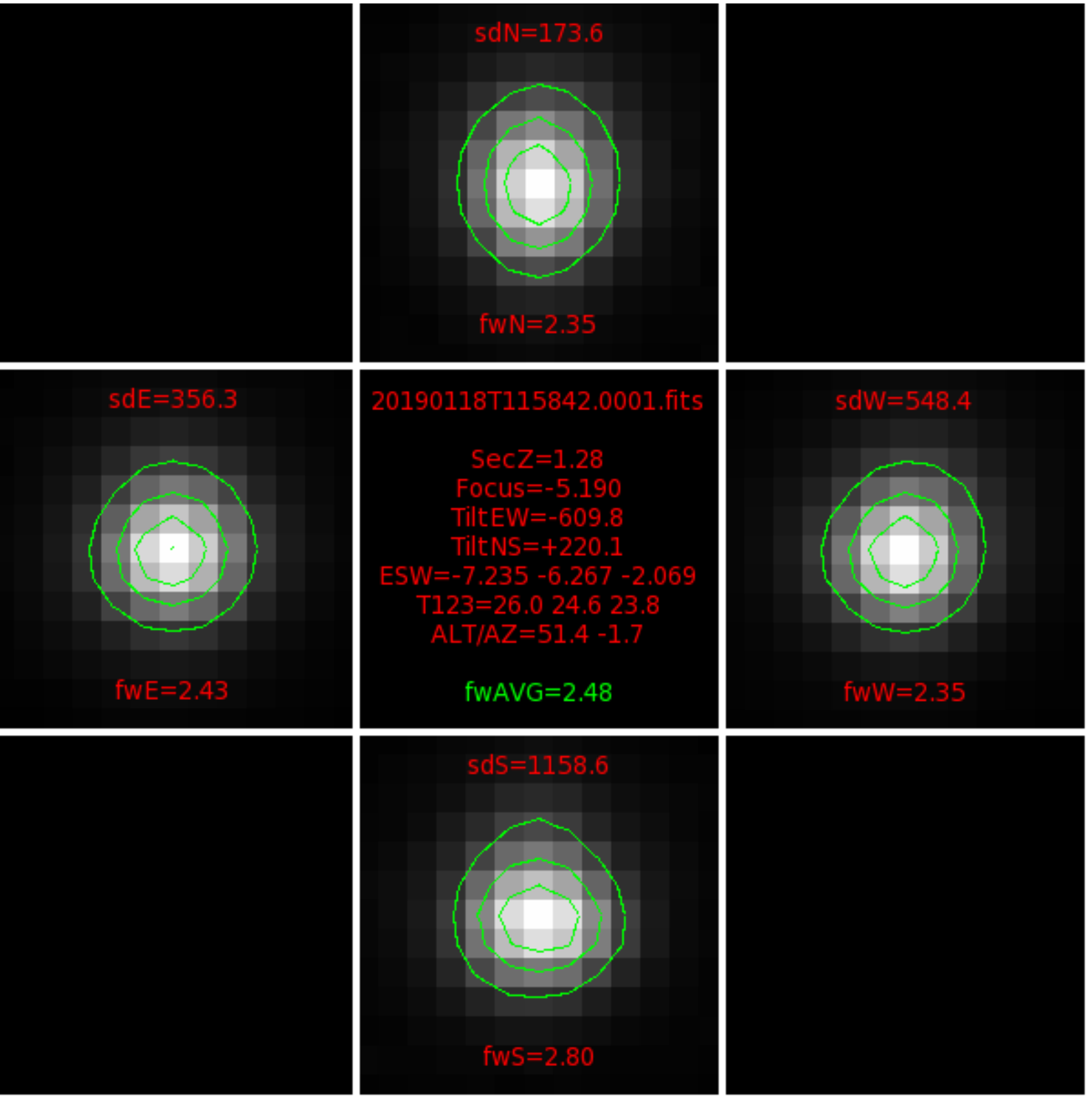
sdN=173.6
fwN=2.35
sdE=356.3
fwE=2.43
20190118T115842.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=26.0 24.6 23.8
ALT/AZ=51.4 -1.7
fwAVG=2.48
sdW=548.4
fwW=2.35
sdS=1158.6
fwS=2.80
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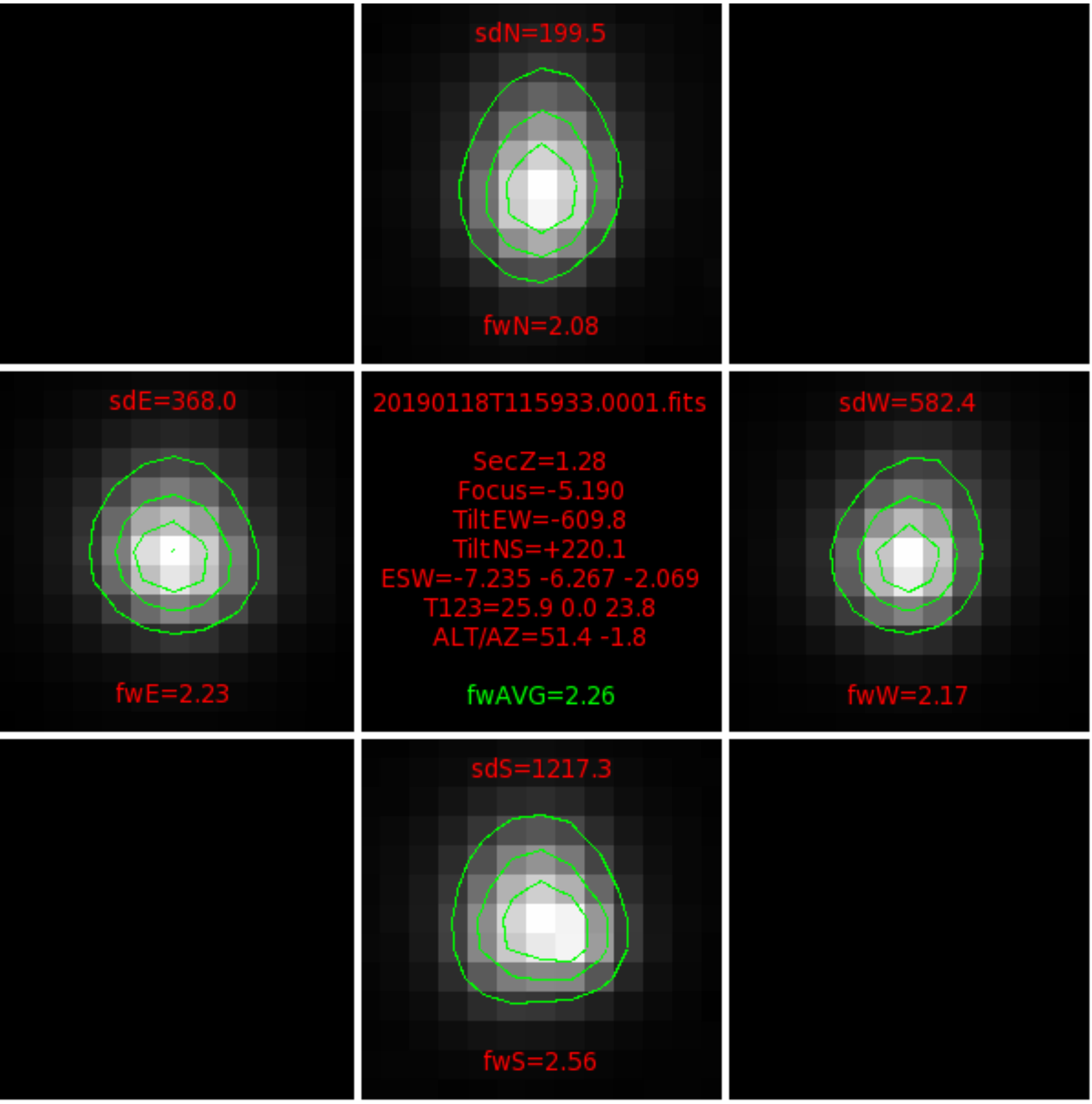
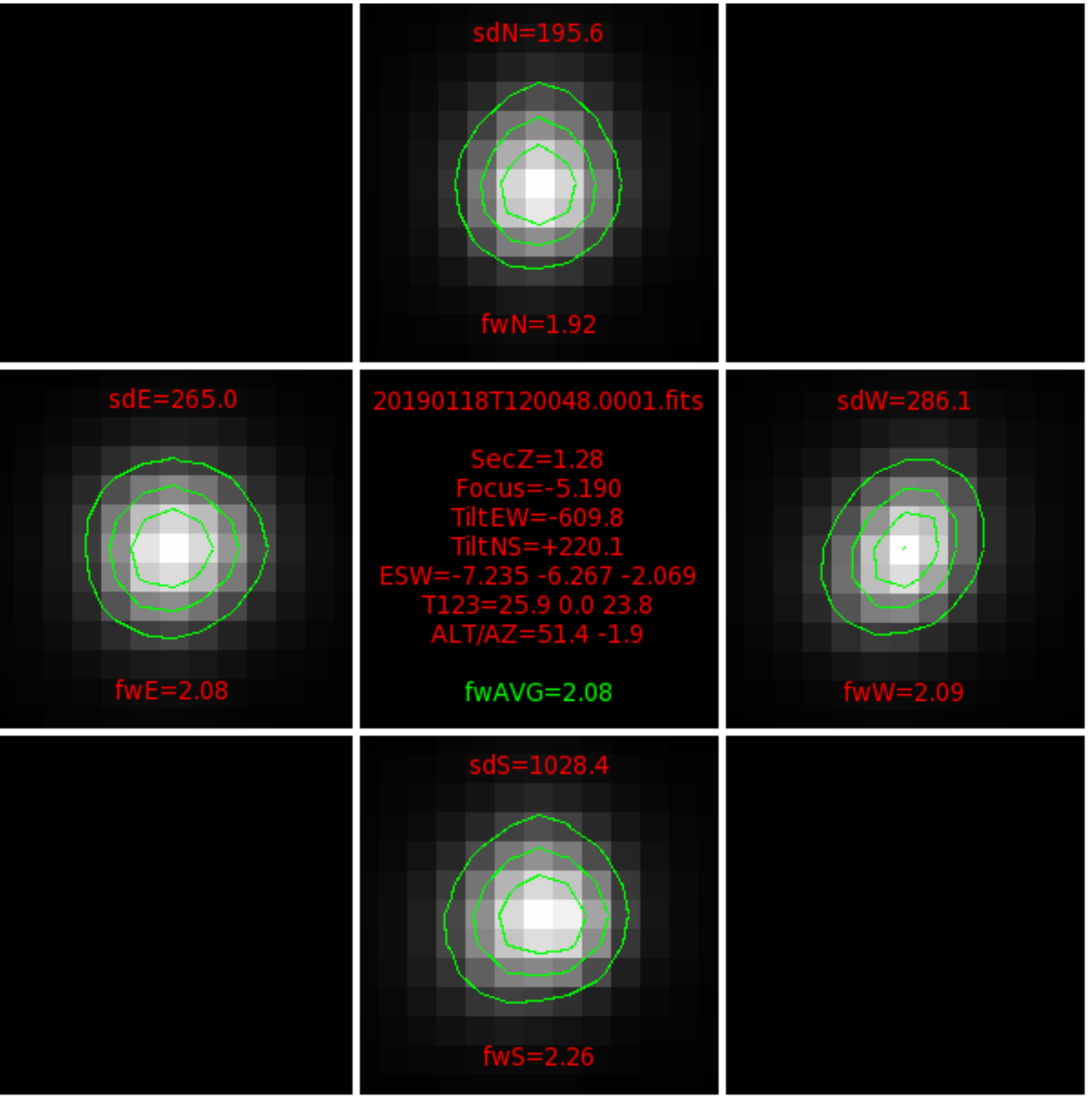
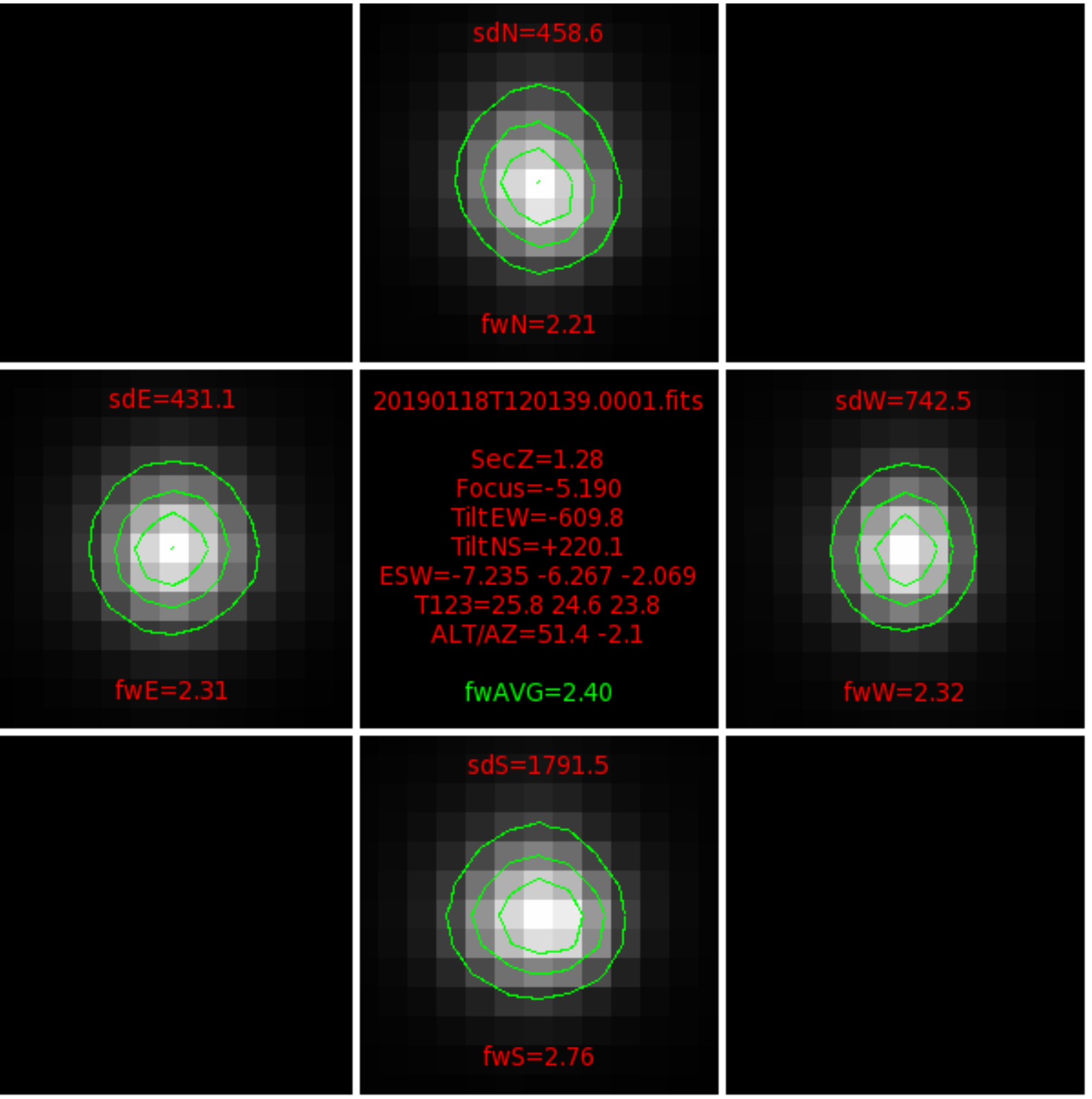

sdN=199.5
fwN=2.08
sdE=368.0
fwE=2.23
20190118T115933.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=25.9 0.0 23.8
ALT/AZ=51.4 -1.8
fwAVG=2.26
sdW=582.4
fwW=2.17
sdS=1217.3
fwS=2.56
0 0 0 0 0 0 0 0 0


sdN=195.6
fwN=1.92
sdE=265.0
fwE=2.08
20190118T120048.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=25.9 0.0 23.8
ALT/AZ=51.4 -1.9
fwAVG=2.08
sdW=286.1
fwW=2.09
sdS=1028.4
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=458.6
fwN=2.21
sdE=431.1
fwE=2.31
20190118T120139.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=25.8 24.6 23.8
ALT/AZ=51.4 -2.1
fwAVG=2.40
sdW=742.5
fwW=2.32
sdS=1791.5
fwS=2.76
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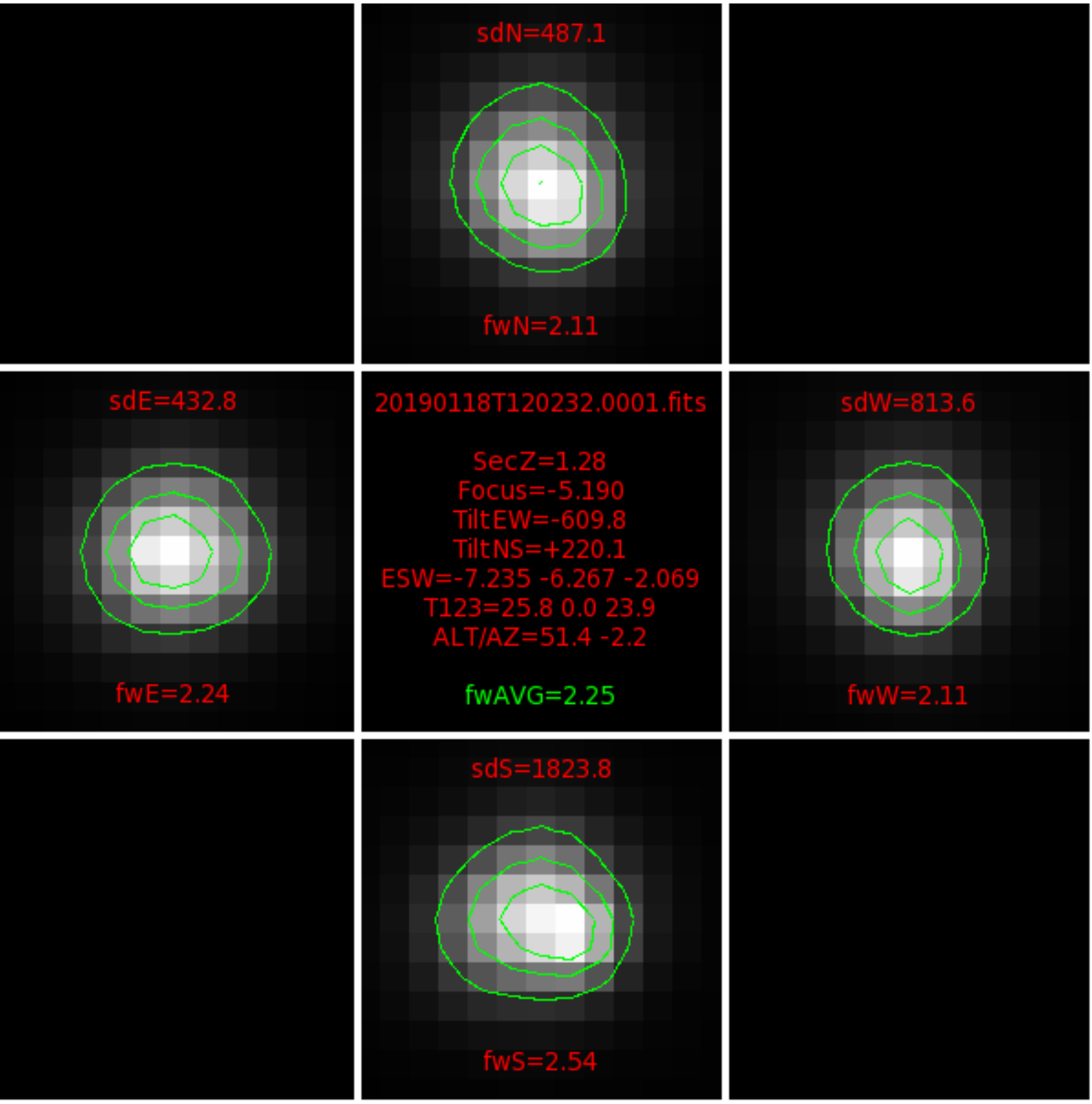
sdN=487.1
fwN=2.11
sdE=432.8
fwE=2.24
20190118T120232.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=25.8 0.0 23.9
ALT/AZ=51.4 -2.2
fwAVG=2.25
sdW=813.6
fwW=2.11
sdS=1823.8
fwS=2.54
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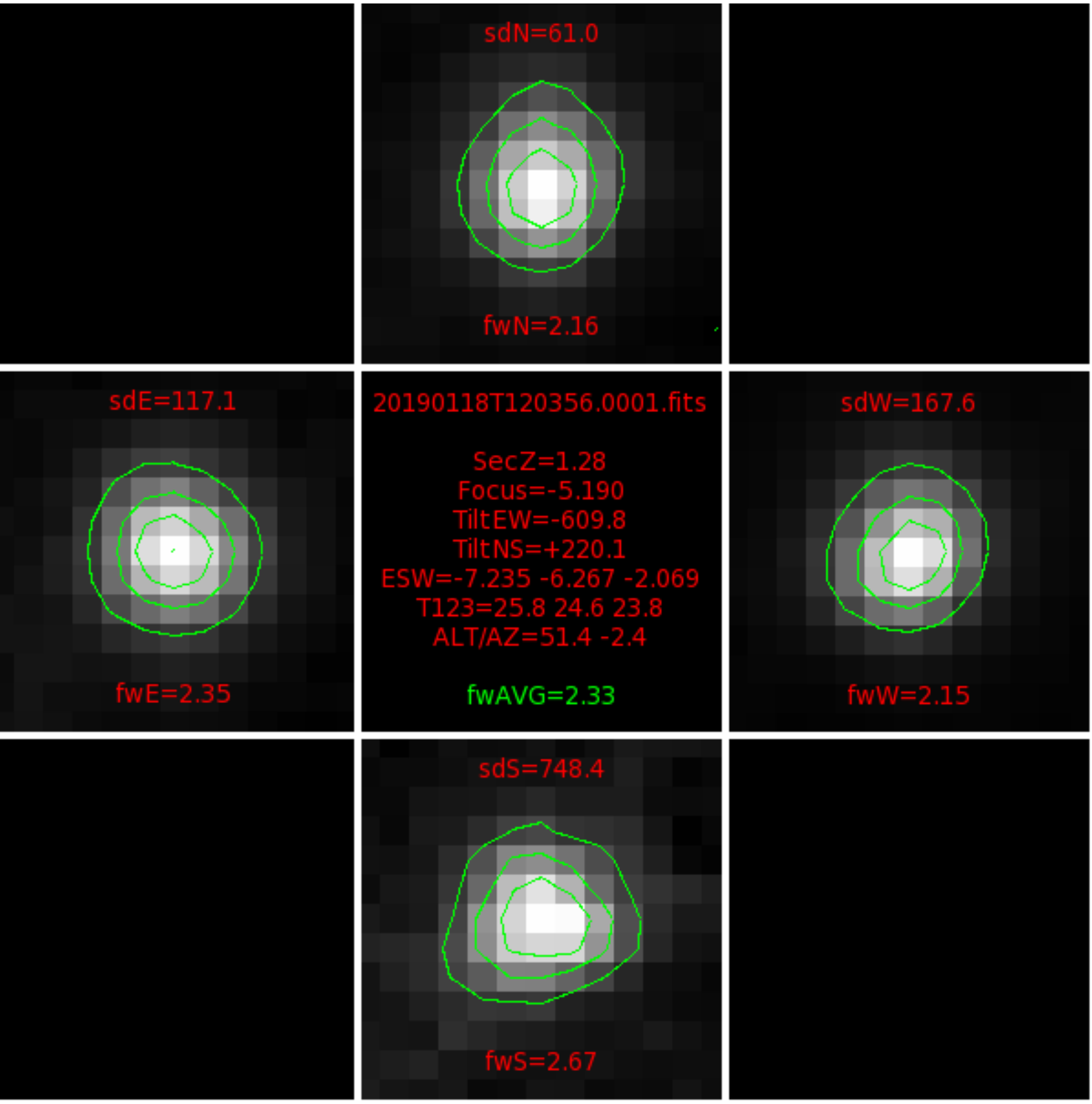
sdN=61.0
fwN=2.16
sdE=117.1
fwE=2.35
20190118T120356.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=25.8 24.6 23.8
ALT/AZ=51.4 -2.4
fwAVG=2.33
sdW=167.6
fwW=2.15
sdS=748.4
fwS=2.67
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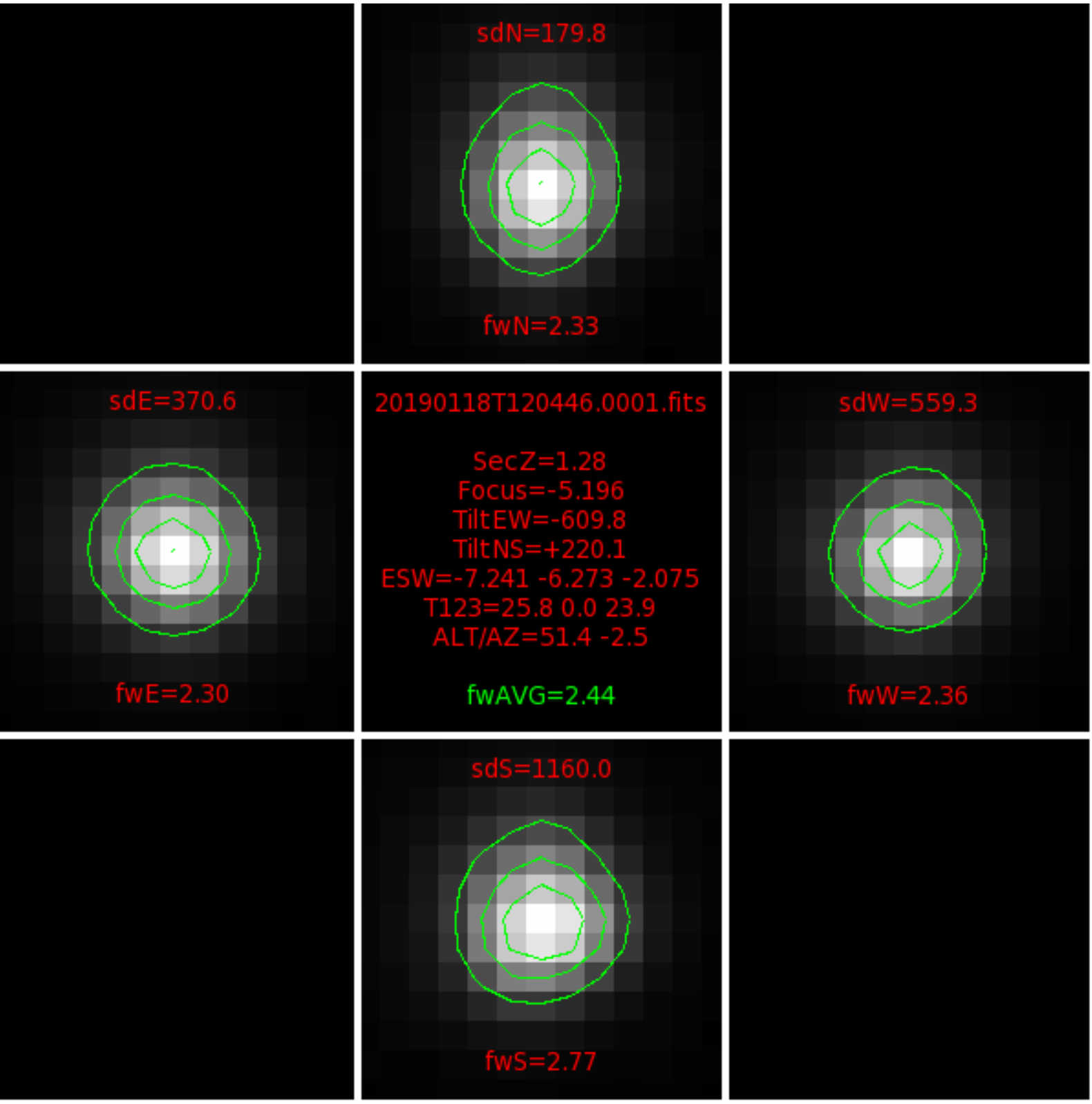
sdN=179.8
fwN=2.33
sdE=370.6
fwE=2.30
20190118T120446.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 0.0 23.9
ALT/AZ=51.4 -2.5
fwAVG=2.44
sdW=559.3
fwW=2.36
sdS=1160.0
fwS=2.77
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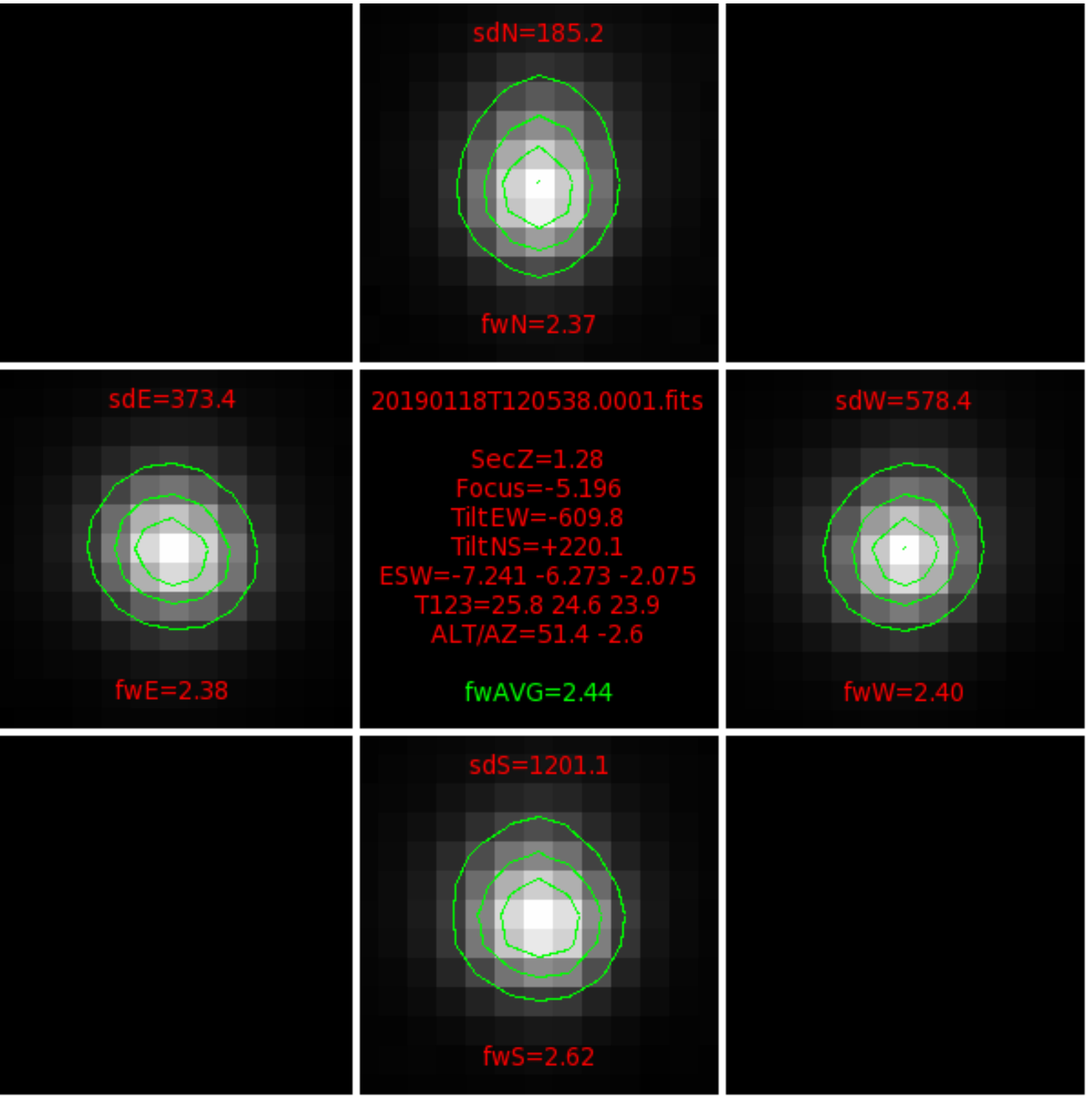
sdN=185.2
fwN=2.37
sdE=373.4
fwE=2.38
20190118T120538.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 24.6 23.9
ALT/AZ=51.4 -2.6
fwAVG=2.44
sdW=578.4
fwW=2.40
sdS=1201.1
fwS=2.62
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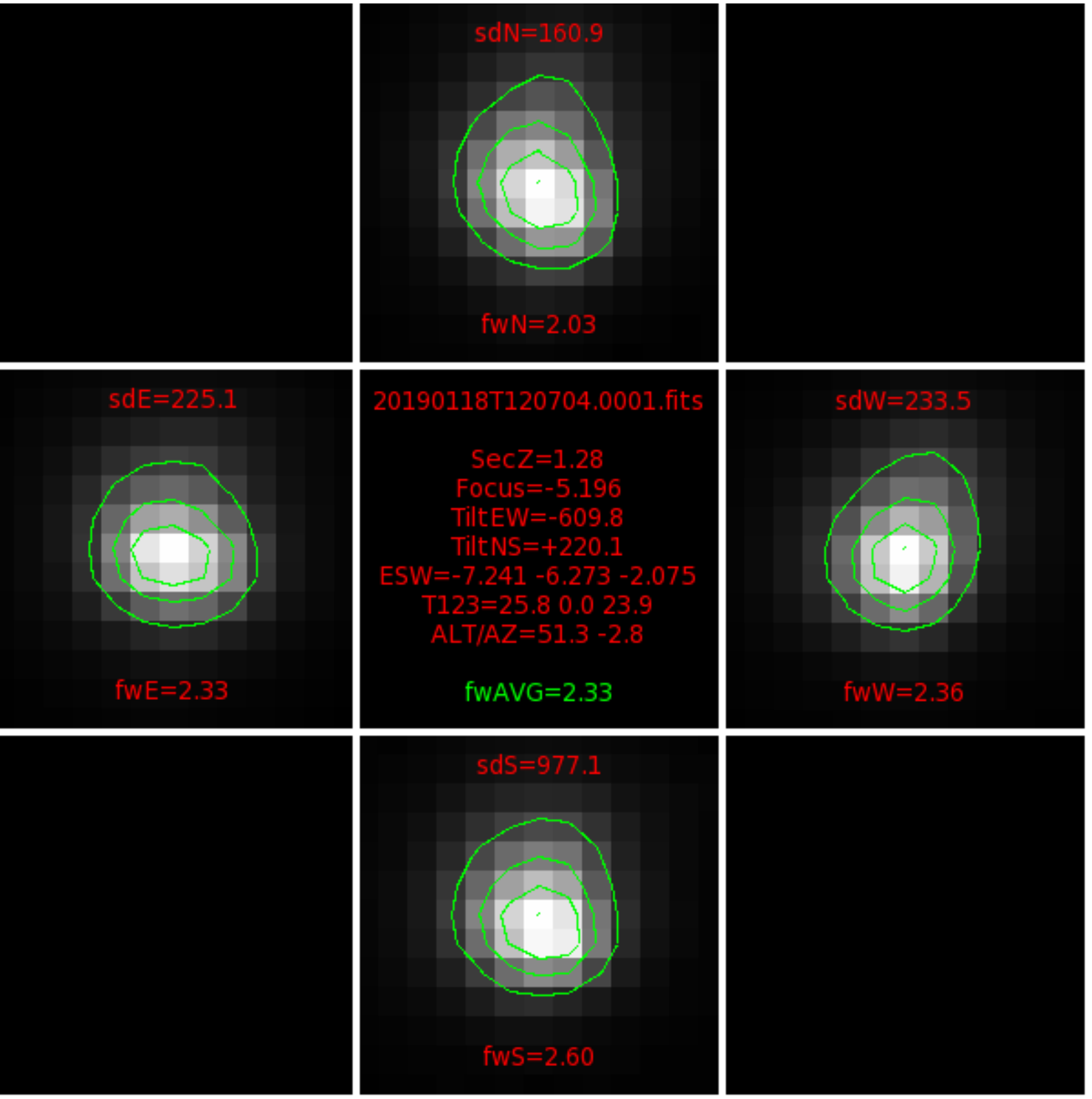
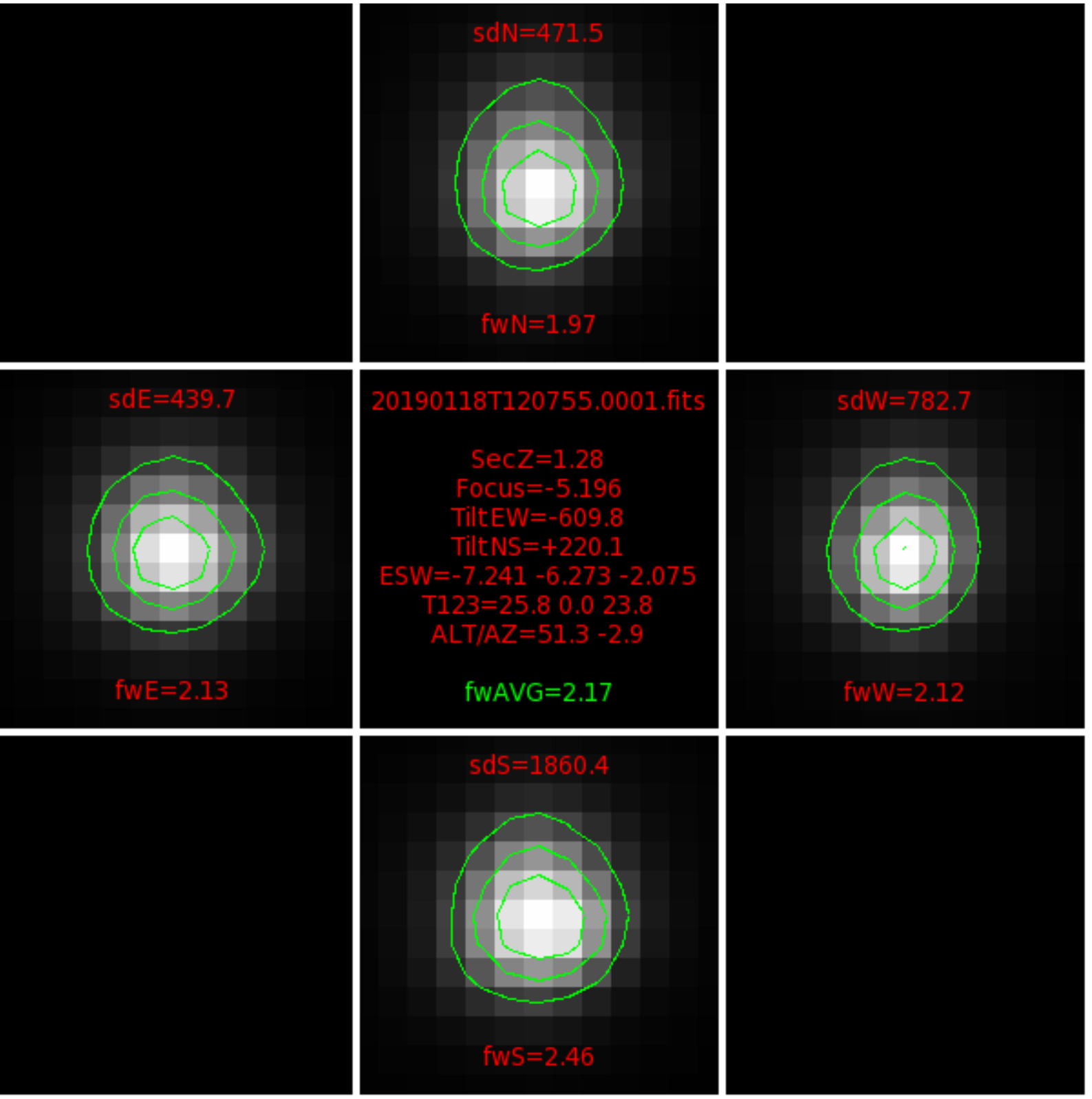
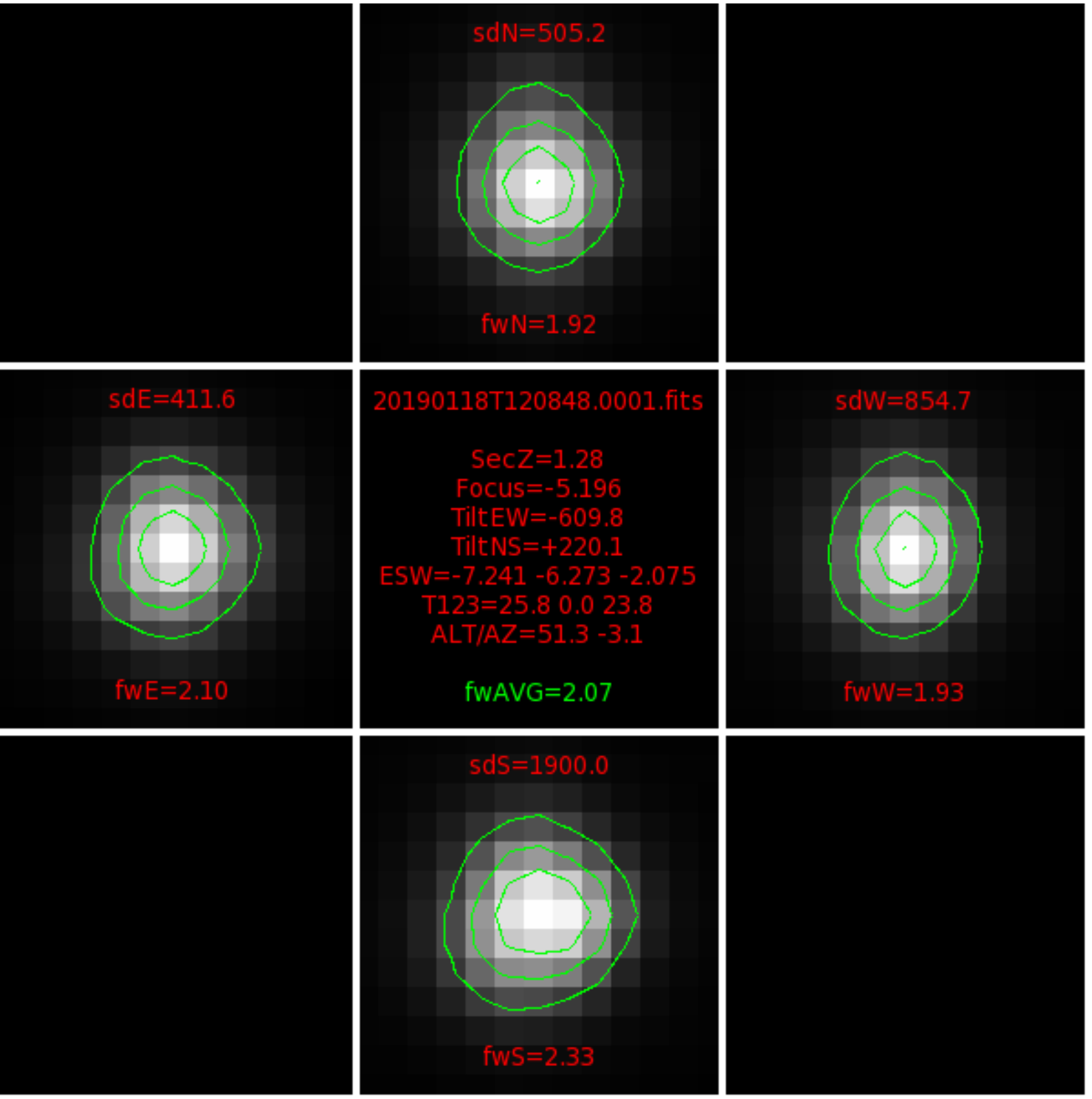
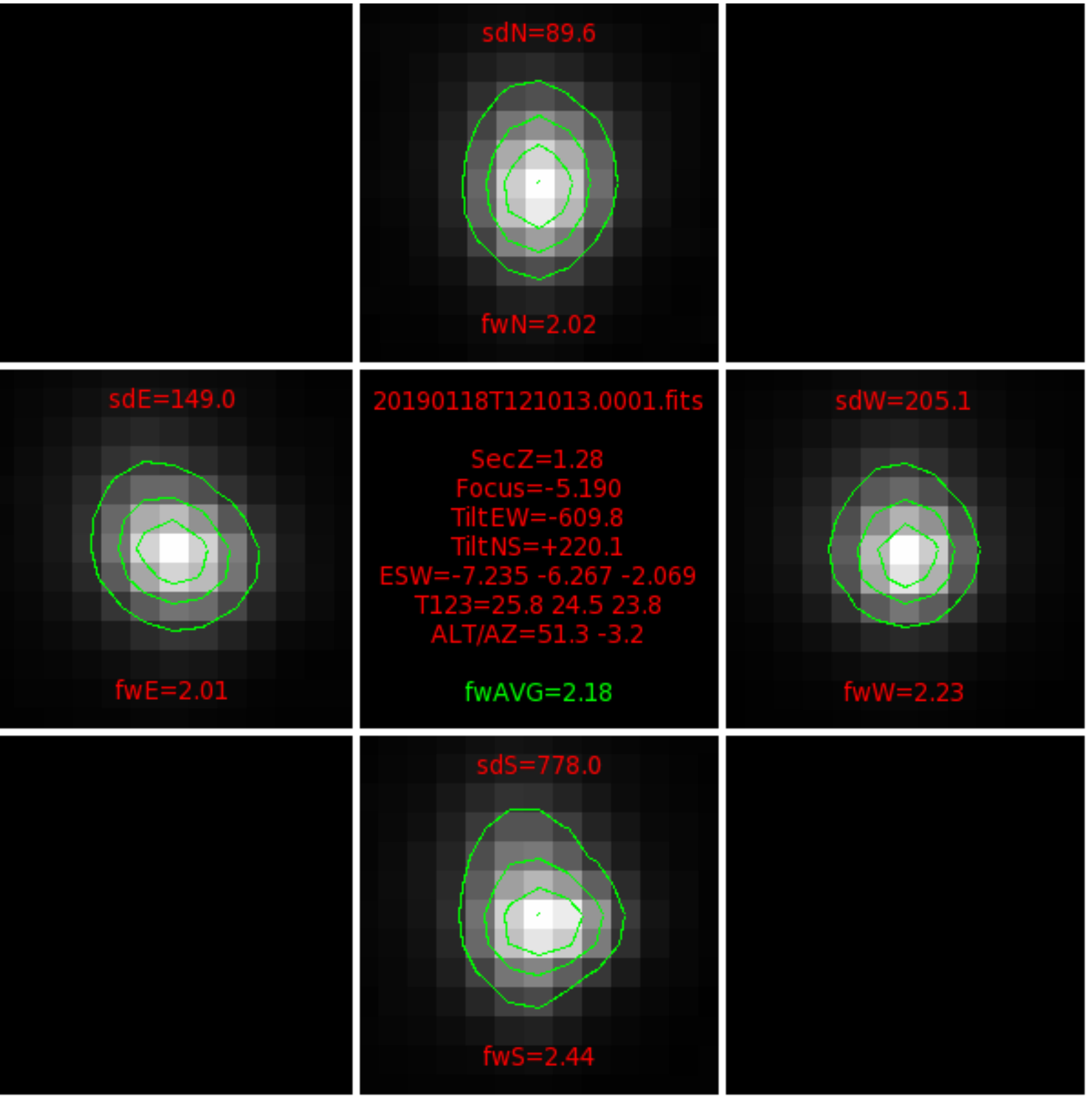

sdN=160.9
fwN=2.03
sdE=225.1
fwE=2.33
20190118T120704.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 0.0 23.9
ALT/AZ=51.3 -2.8
fwAVG=2.33
sdW=233.5
fwW=2.36
sdS=977.1
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=471.5
fwN=1.97
sdE=439.7
fwE=2.13
20190118T120755.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 0.0 23.8
ALT/AZ=51.3 -2.9
fwAVG=2.17
sdW=782.7
fwW=2.12
sdS=1860.4
fwS=2.46
0 0 0 0 0 0 0 0 0


sdN=505.2
fwN=1.92
sdE=411.6
fwE=2.10
20190118T120848.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 0.0 23.8
ALT/AZ=51.3 -3.1
fwAVG=2.07
sdW=854.7
fwW=1.93
sdS=1900.0
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=89.6
fwN=2.02
sdE=149.0
fwE=2.01
20190118T121013.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=25.8 24.5 23.8
ALT/AZ=51.3 -3.2
fwAVG=2.18
sdW=205.1
fwW=2.23
sdS=778.0
fwS=2.44
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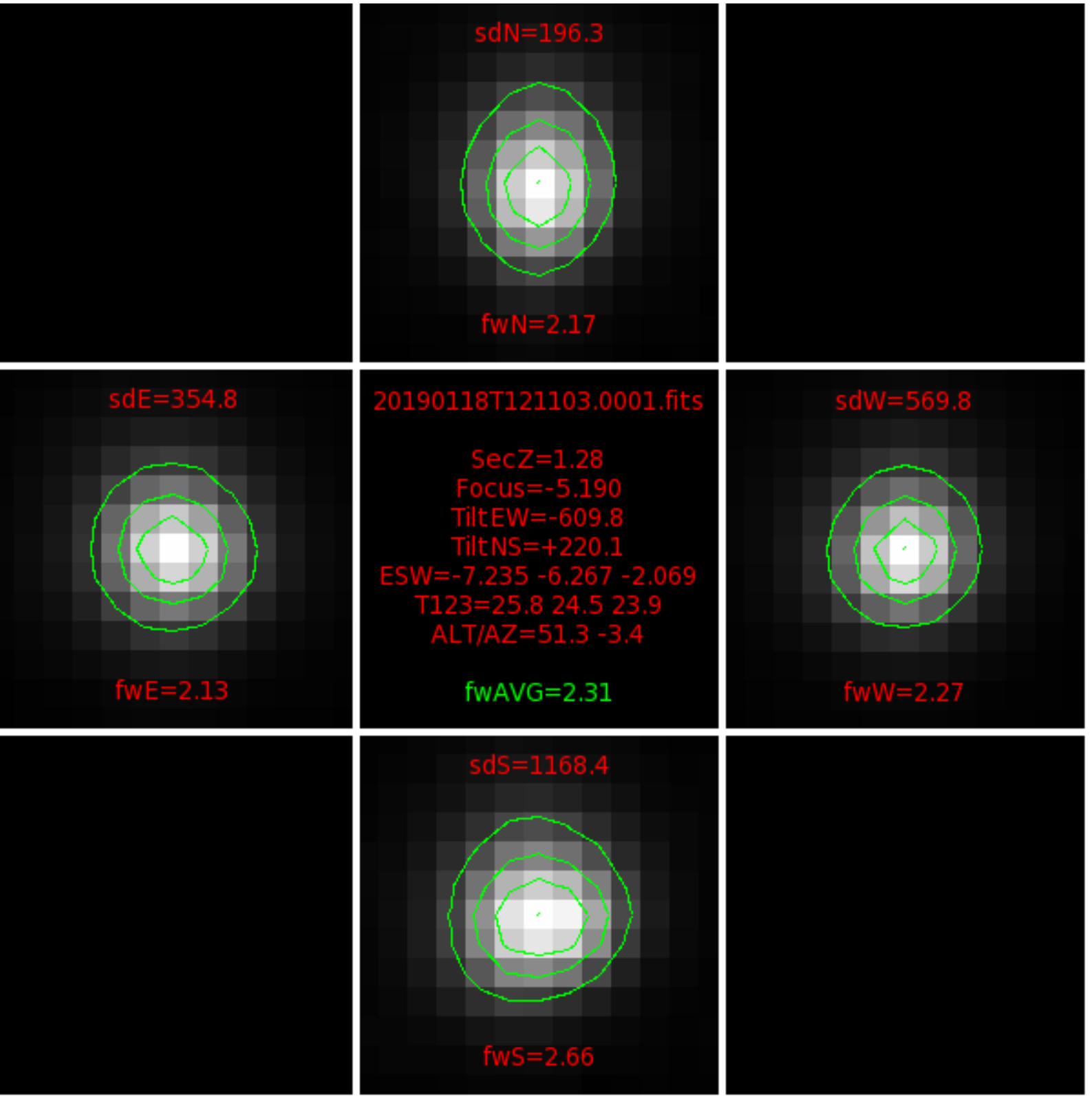
sdN=196.3
fwN=2.17
sdE=354.8
fwE=2.13
20190118T121103.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=25.8 24.5 23.9
ALT/AZ=51.3 -3.4
fwAVG=2.31
sdW=569.8
fwW=2.27
sdS=1168.4
fwS=2.66
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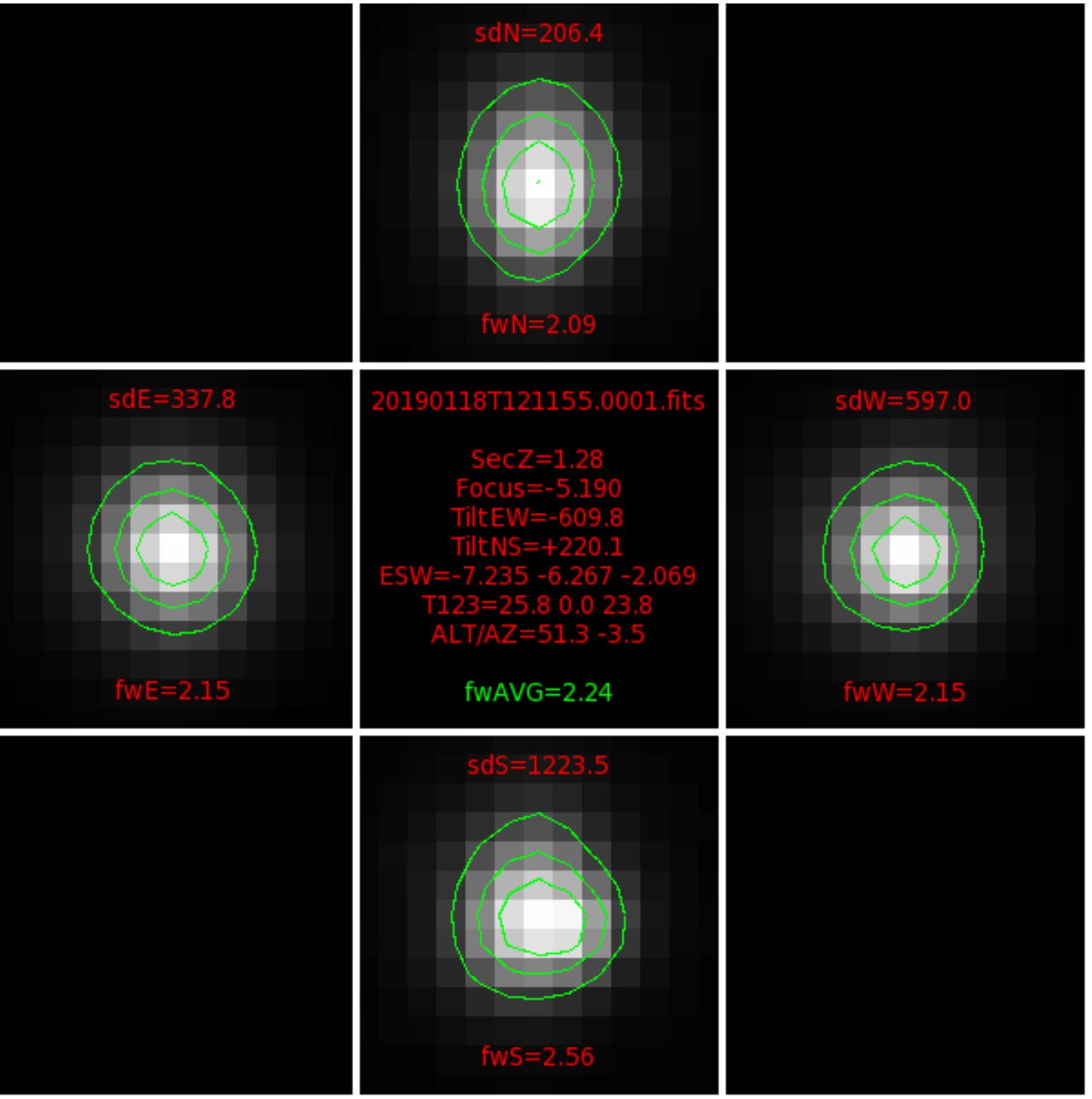
sdN=206.4
fwN=2.09
sdE=337.8
fwE=2.15
20190118T121155.0001.fits
SecZ=1.28
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=25.8 0.0 23.8
ALT/AZ=51.3 -3.5
fwAVG=2.24
sdW=597.0
fwW=2.15
sdS=1223.5
fwS=2.56
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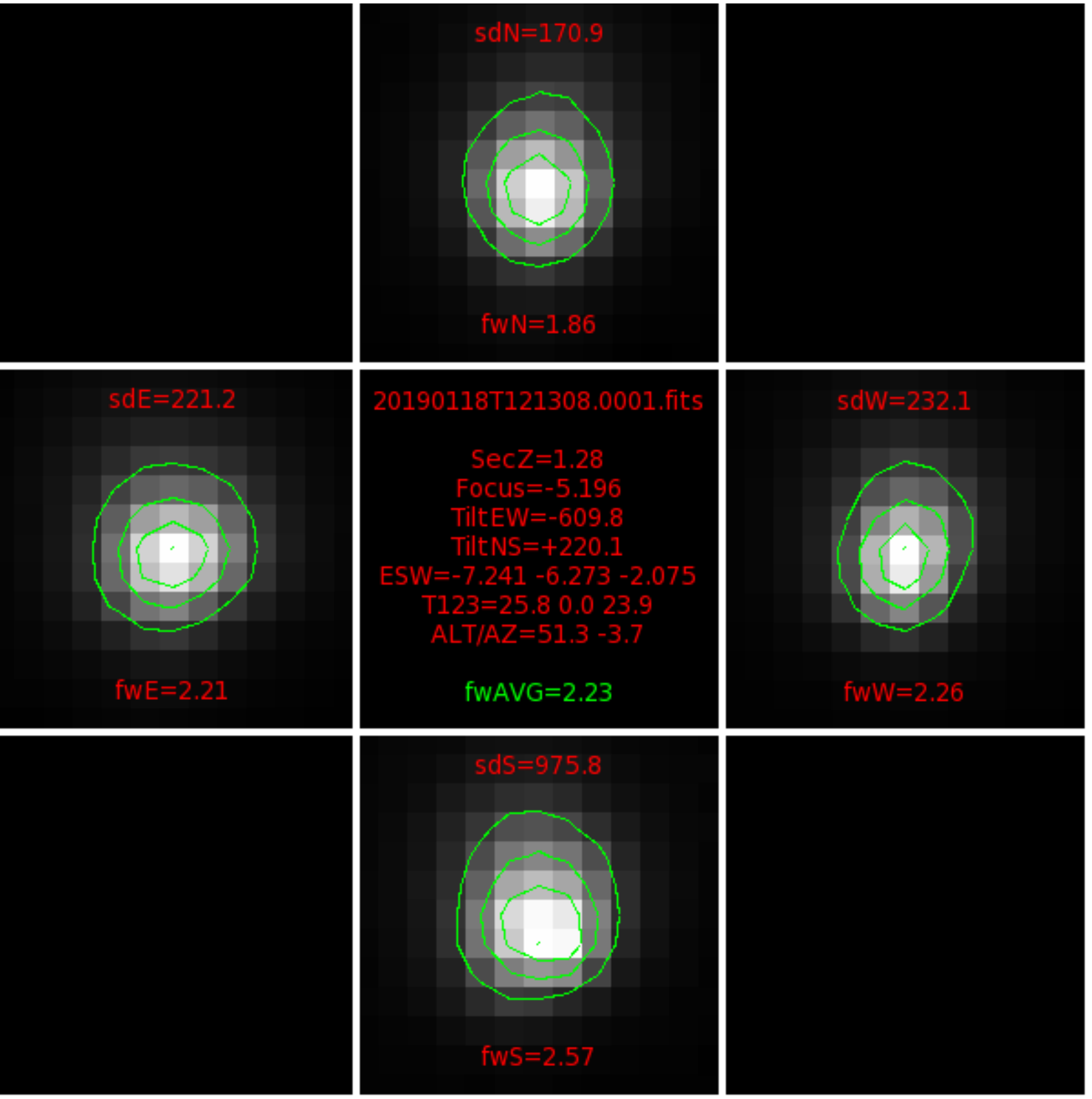
sdN=170.9
fwN=1.86
sdE=221.2
fwE=2.21
20190118T121308.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 0.0 23.9
ALT/AZ=51.3 -3.7
fwAVG=2.23
sdW=232.1
fwW=2.26
sdS=975.8
fwS=2.57
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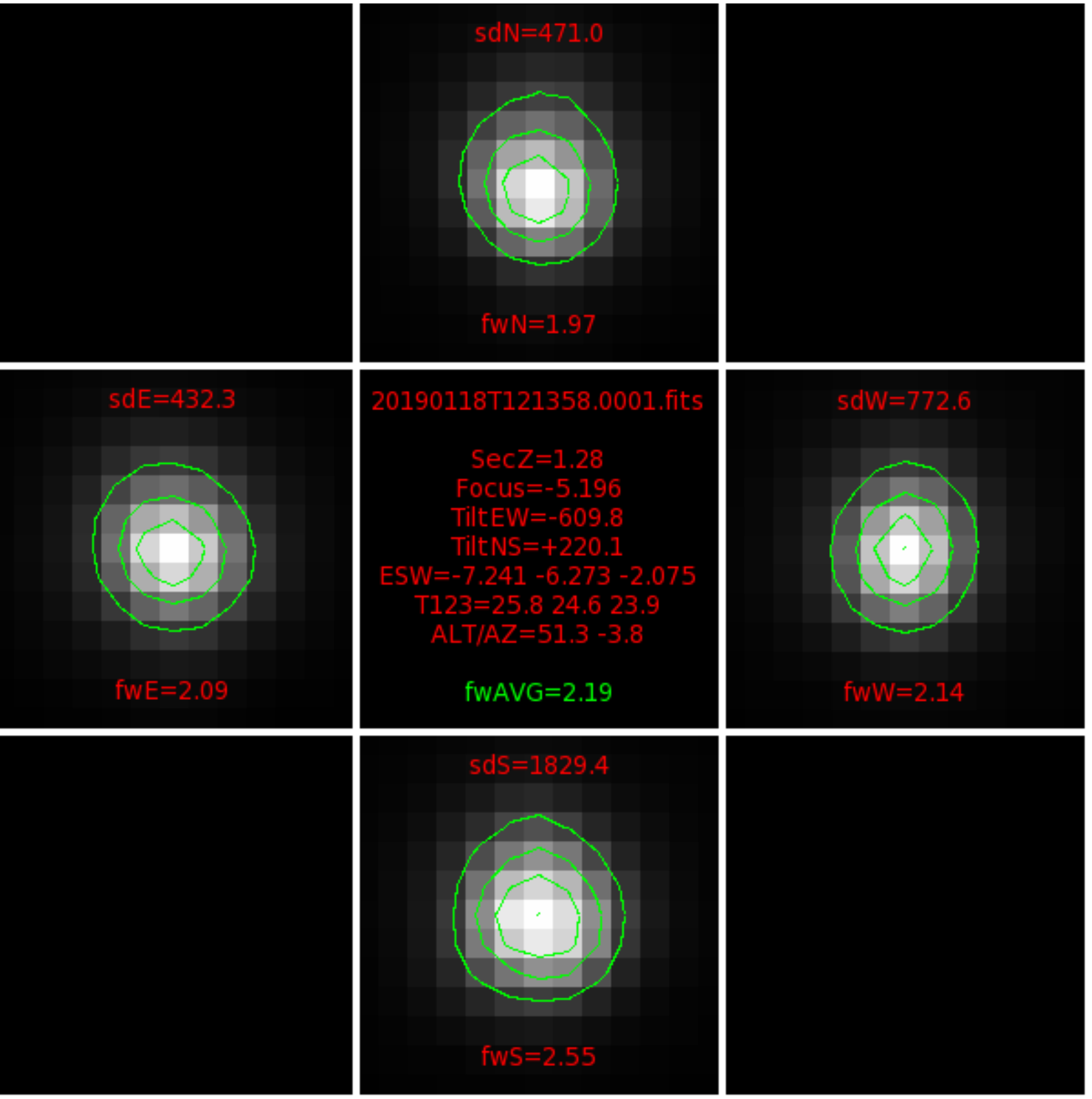
sdN=471.0
fwN=1.97
sdE=432.3
fwE=2.09
20190118T121358.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 24.6 23.9
ALT/AZ=51.3 -3.8
fwAVG=2.19
sdW=772.6
fwW=2.14
sdS=1829.4
fwS=2.55
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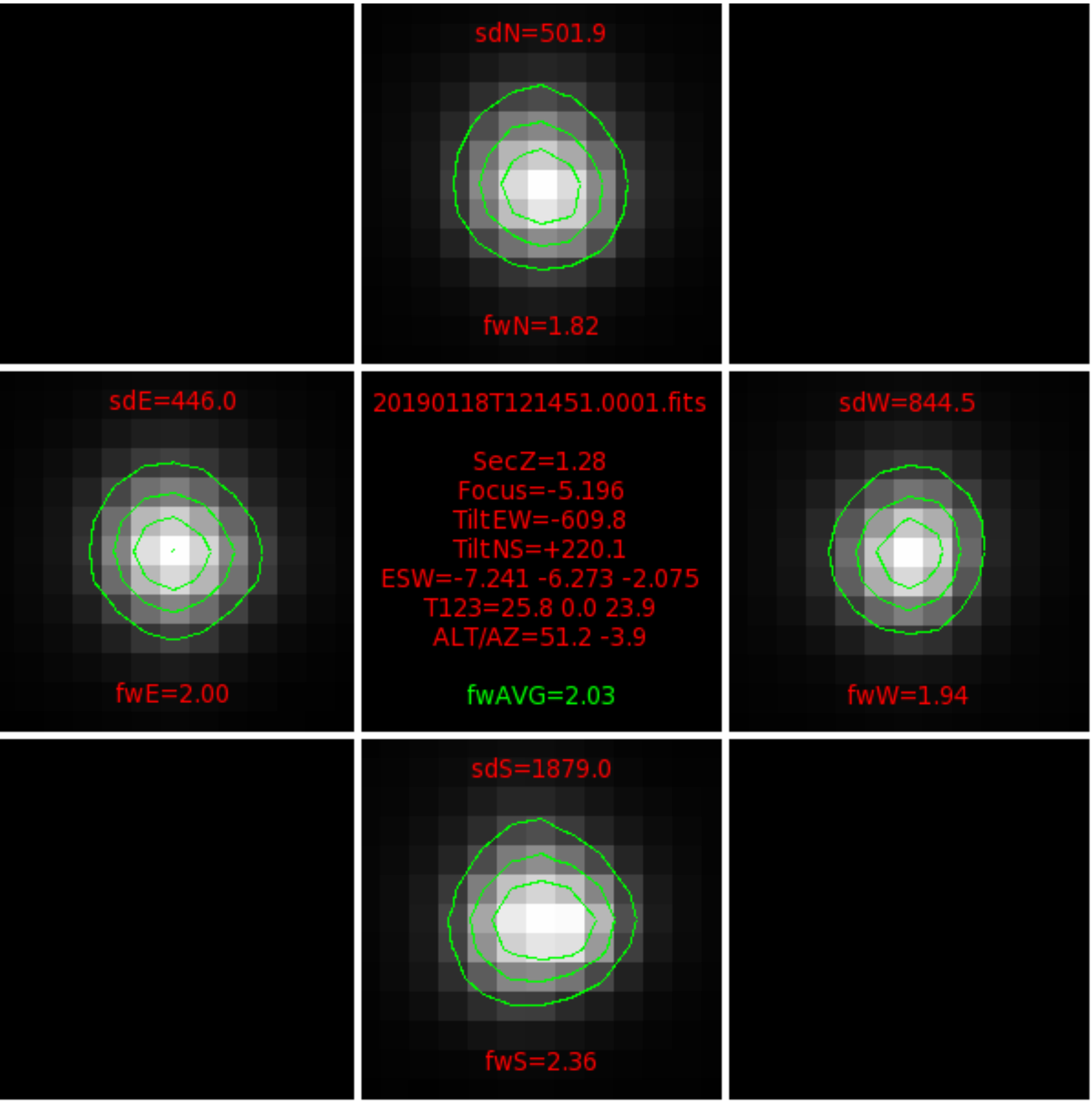
sdN=501.9
fwN=1.82
sdE=446.0
fwE=2.00
20190118T121451.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 0.0 23.9
ALT/AZ=51.2 -3.9
fwAVG=2.03
sdW=844.5
fwW=1.94
sdS=1879.0
fwS=2.36
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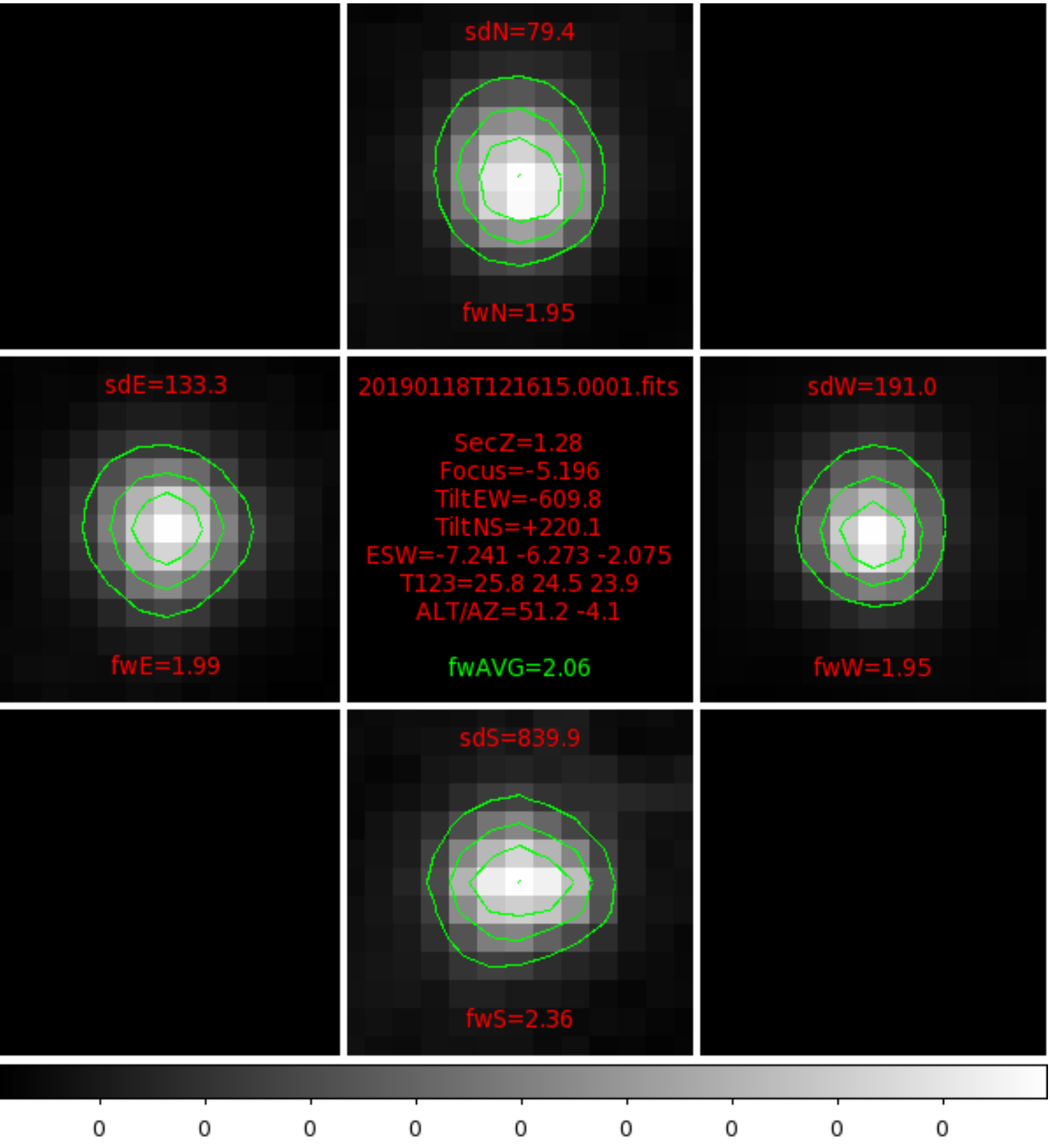
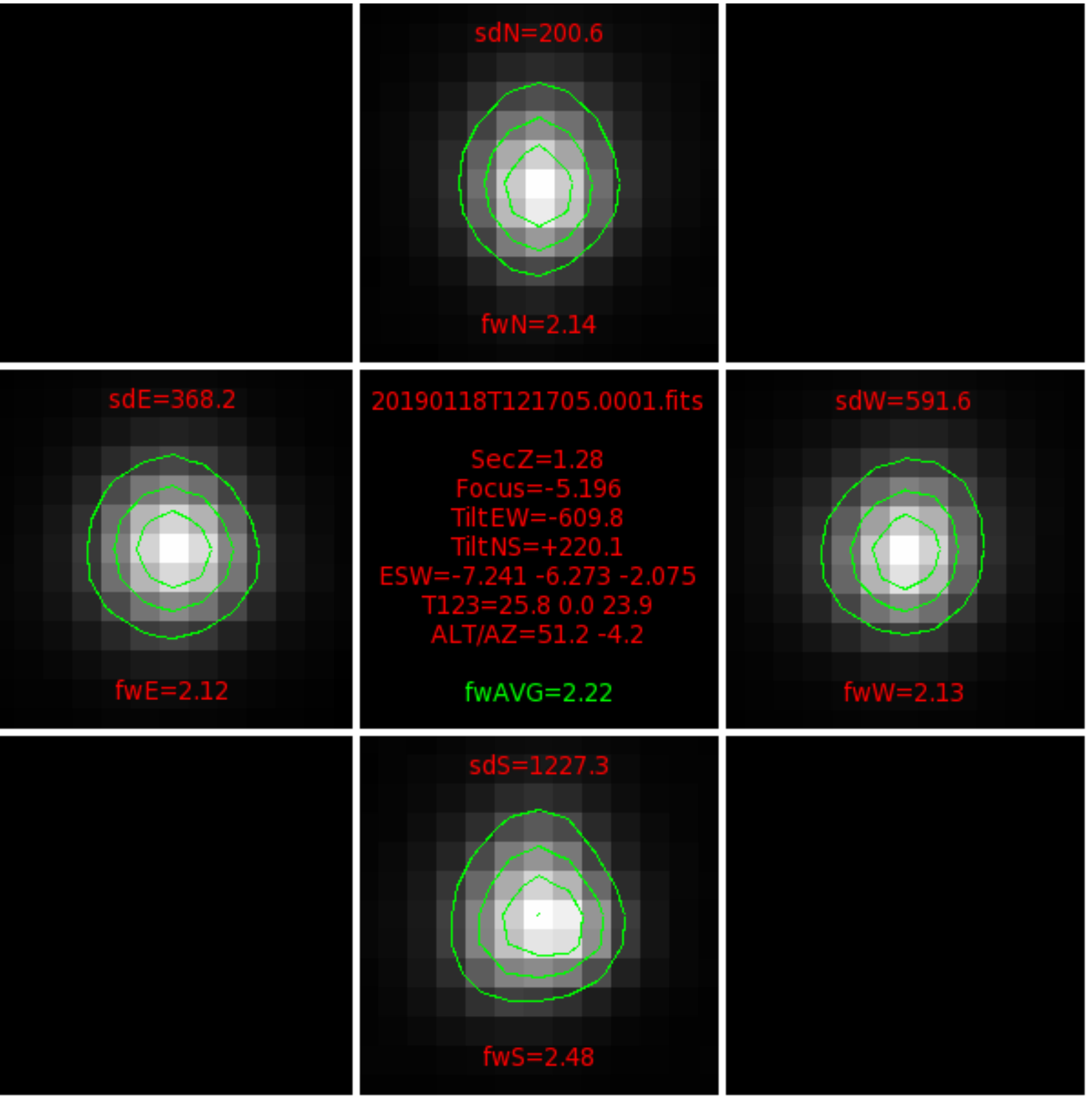

sdN=79.4
fwN=1.95
sdE=133.3
fwE=1.99
20190118T121615.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 24.5 23.9
ALT/AZ=51.2 -4.1
fwAVG=2.06
sdW=191.0
fwW=1.95
sdS=839.9
fwS=2.36
0 0 0 0 0 0 0 0 0


sdN=200.6
fwN=2.14
sdE=368.2
fwE=2.12
20190118T121705.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 0.0 23.9
ALT/AZ=51.2 -4.2
fwAVG=2.22
sdW=591.6
fwW=2.13
sdS=1227.3
fwS=2.48
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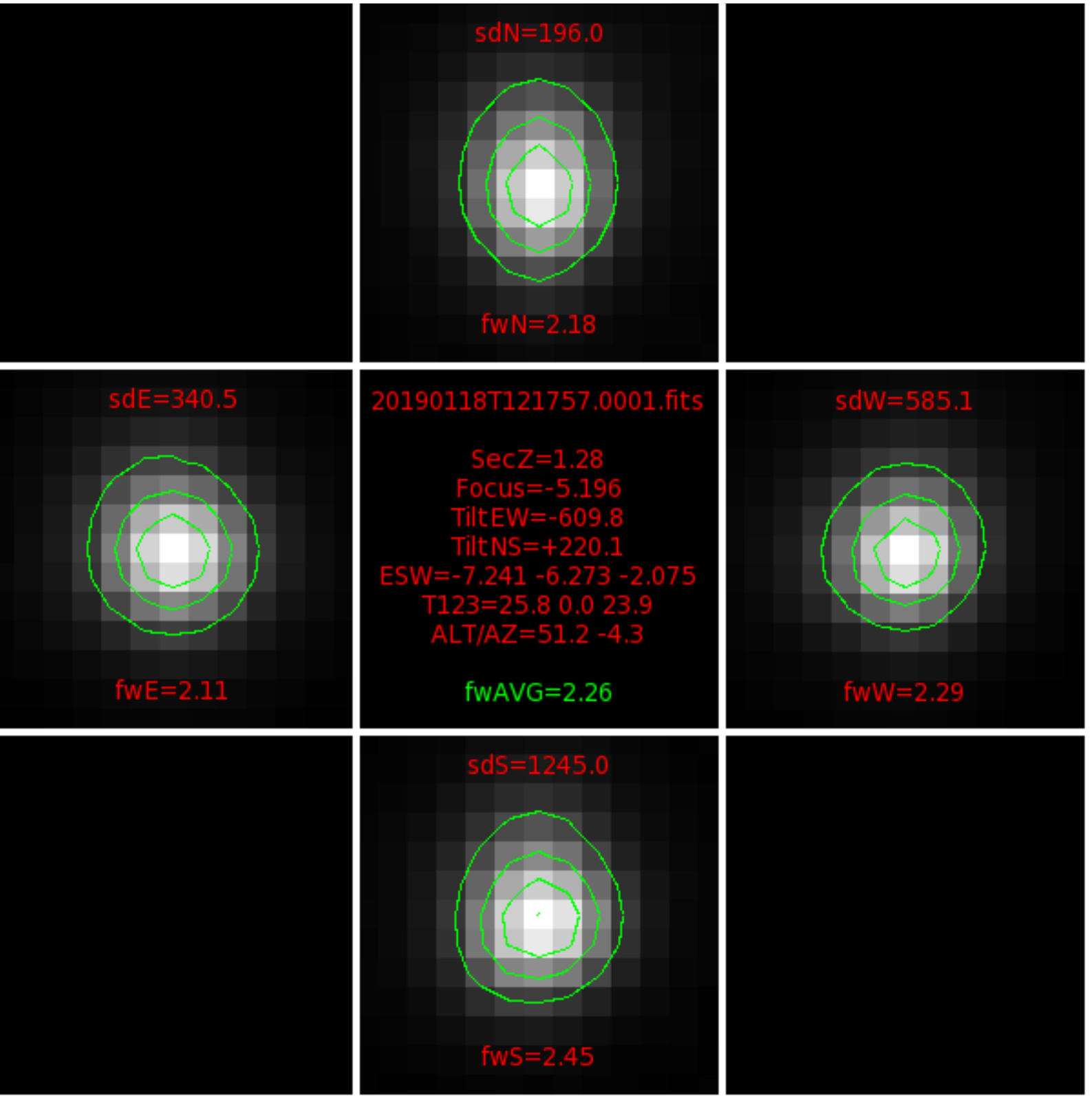
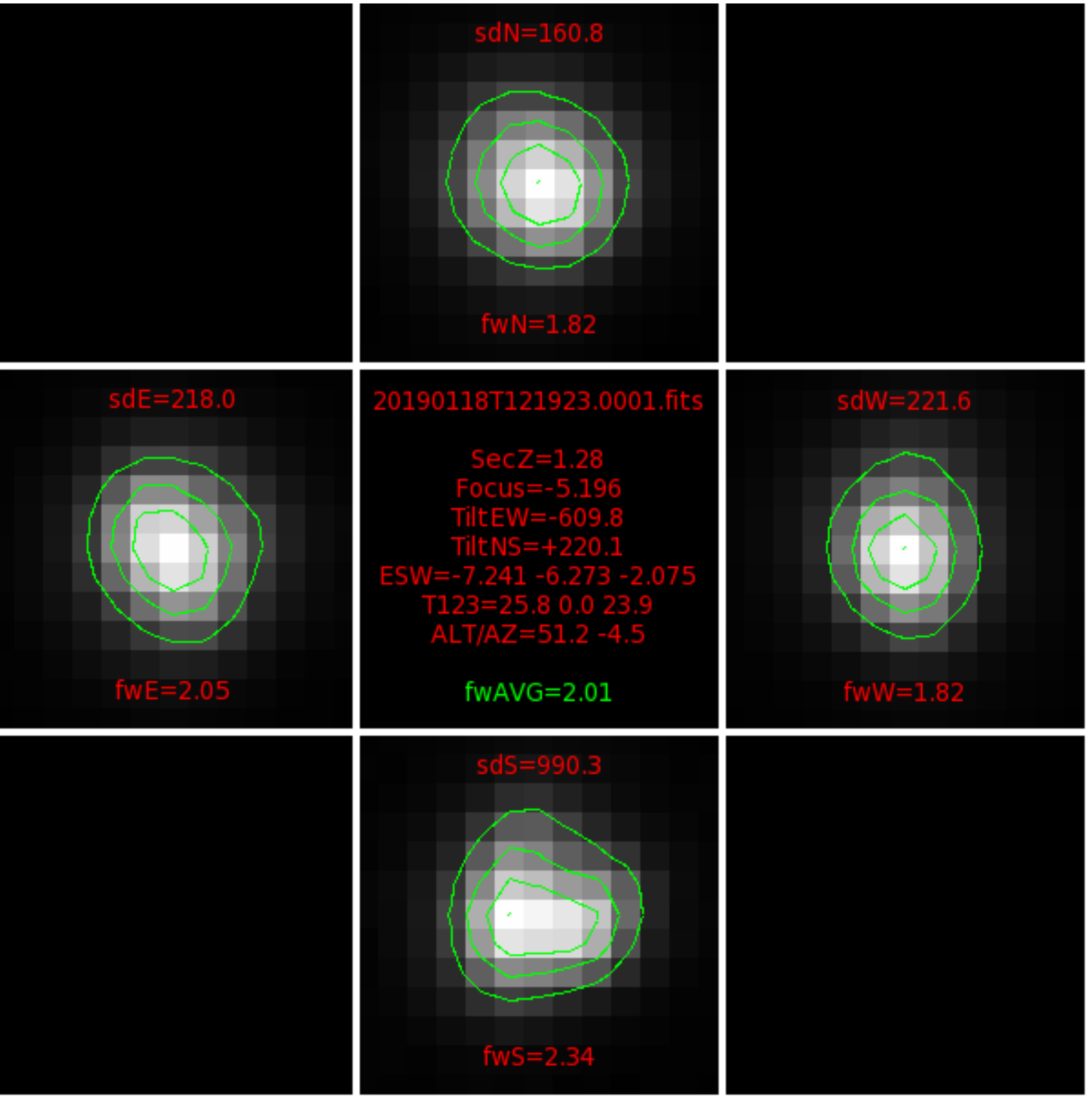

sdN=196.0
fwN=2.18
sdE=340.5
fwE=2.11
20190118T121757.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 0.0 23.9
ALT/AZ=51.2 -4.3
fwAVG=2.26
sdW=585.1
fwW=2.29
sdS=1245.0
fwS=2.45
0 0 0 0 0 0 0 0 0


sdN=160.8
fwN=1.82
sdE=218.0
fwE=2.05
20190118T121923.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 0.0 23.9
ALT/AZ=51.2 -4.5
fwAVG=2.01
sdW=221.6
fwW=1.82
sdS=990.3
fwS=2.34
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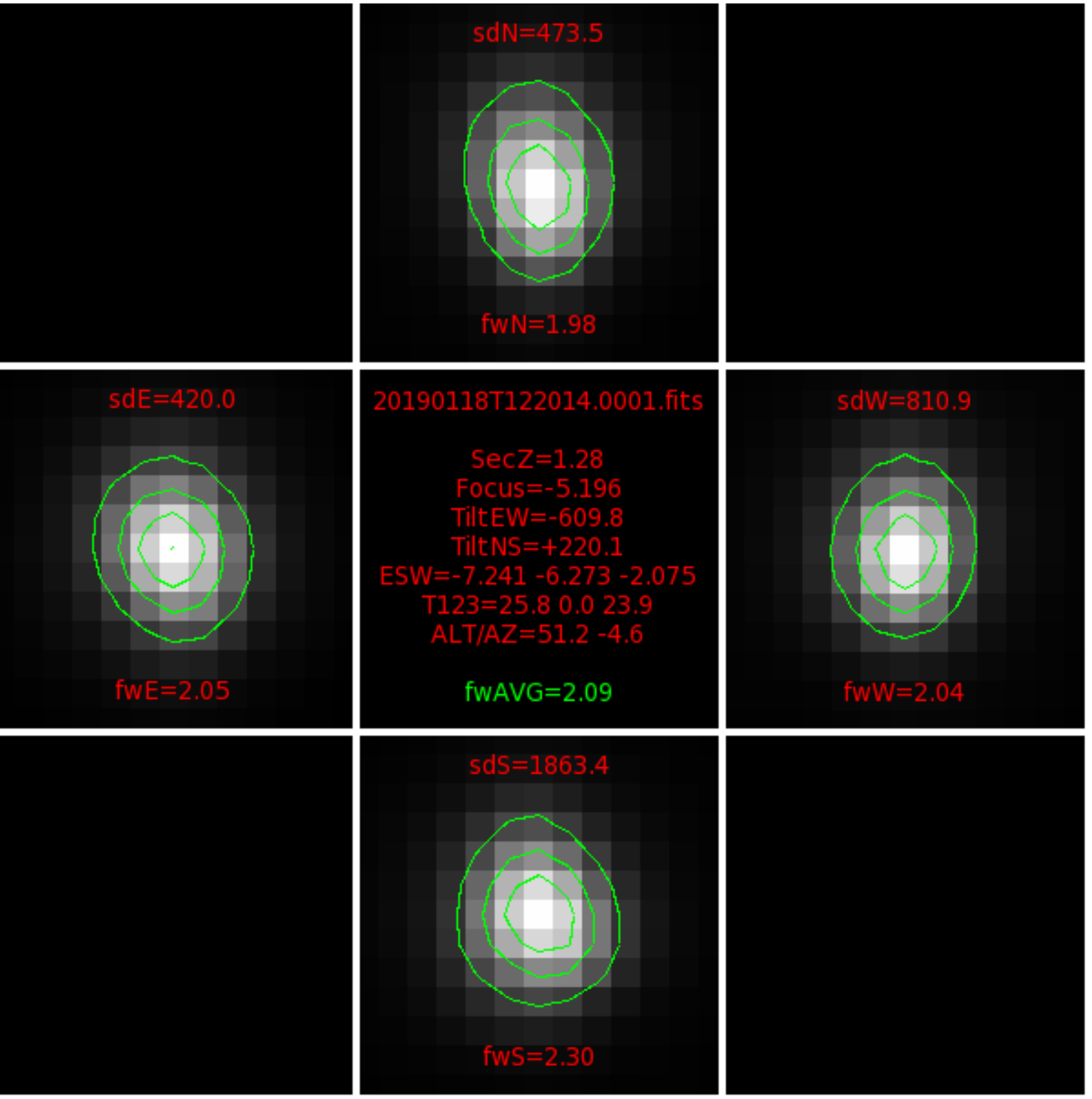
sdN=473.5
fwN=1.98
sdE=420.0
fwE=2.05
20190118T122014.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 0.0 23.9
ALT/AZ=51.2 -4.6
fwAVG=2.09
sdW=810.9
fwW=2.04
sdS=1863.4
fwS=2.30
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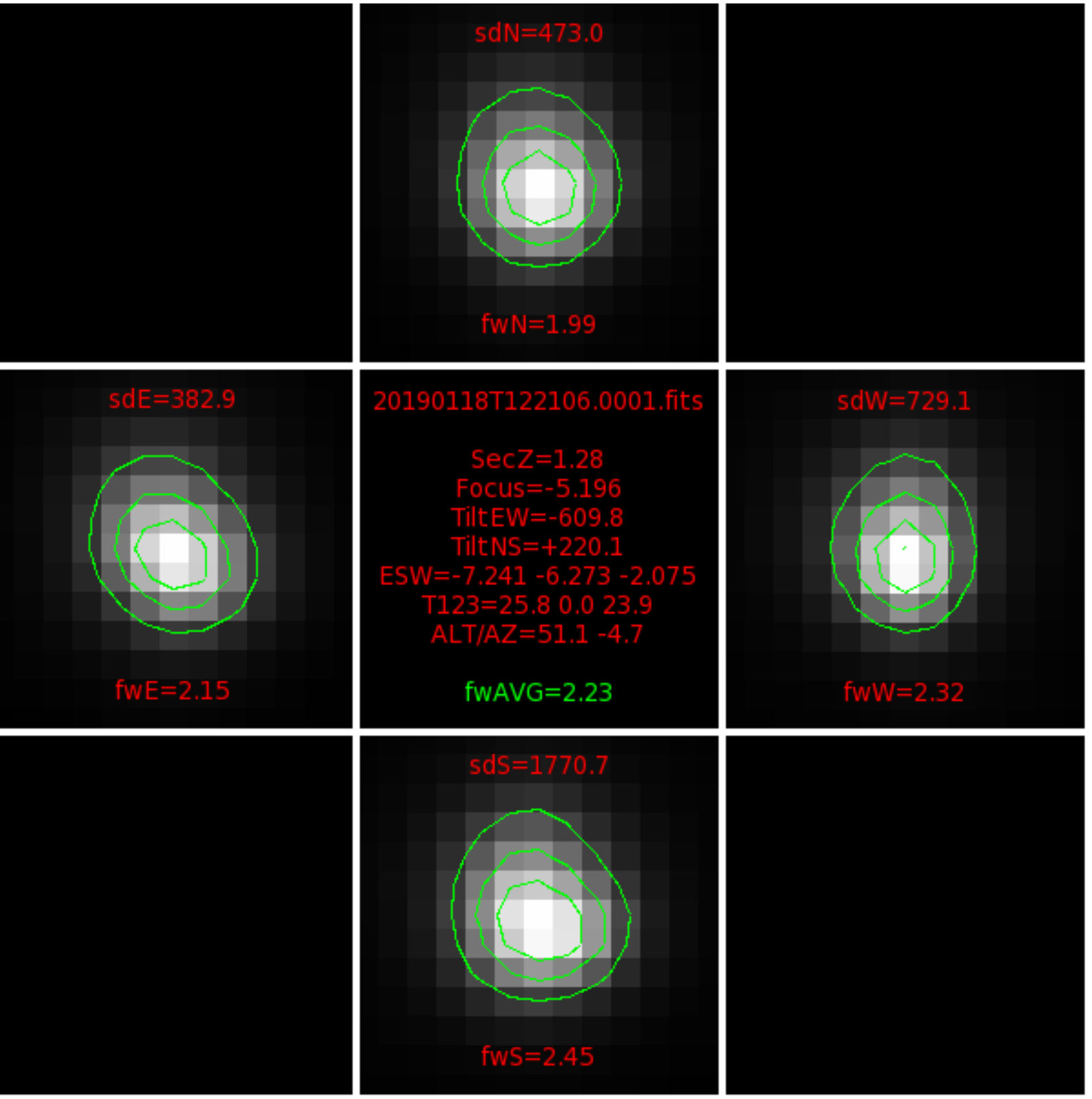
sdN=473.0
fwN=1.99
sdE=382.9
fwE=2.15
20190118T122106.0001.fits
SecZ=1.28
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 0.0 23.9
ALT/AZ=51.1 -4.7
fwAVG=2.23
sdW=729.1
fwW=2.32
sdS=1770.7
fwS=2.45
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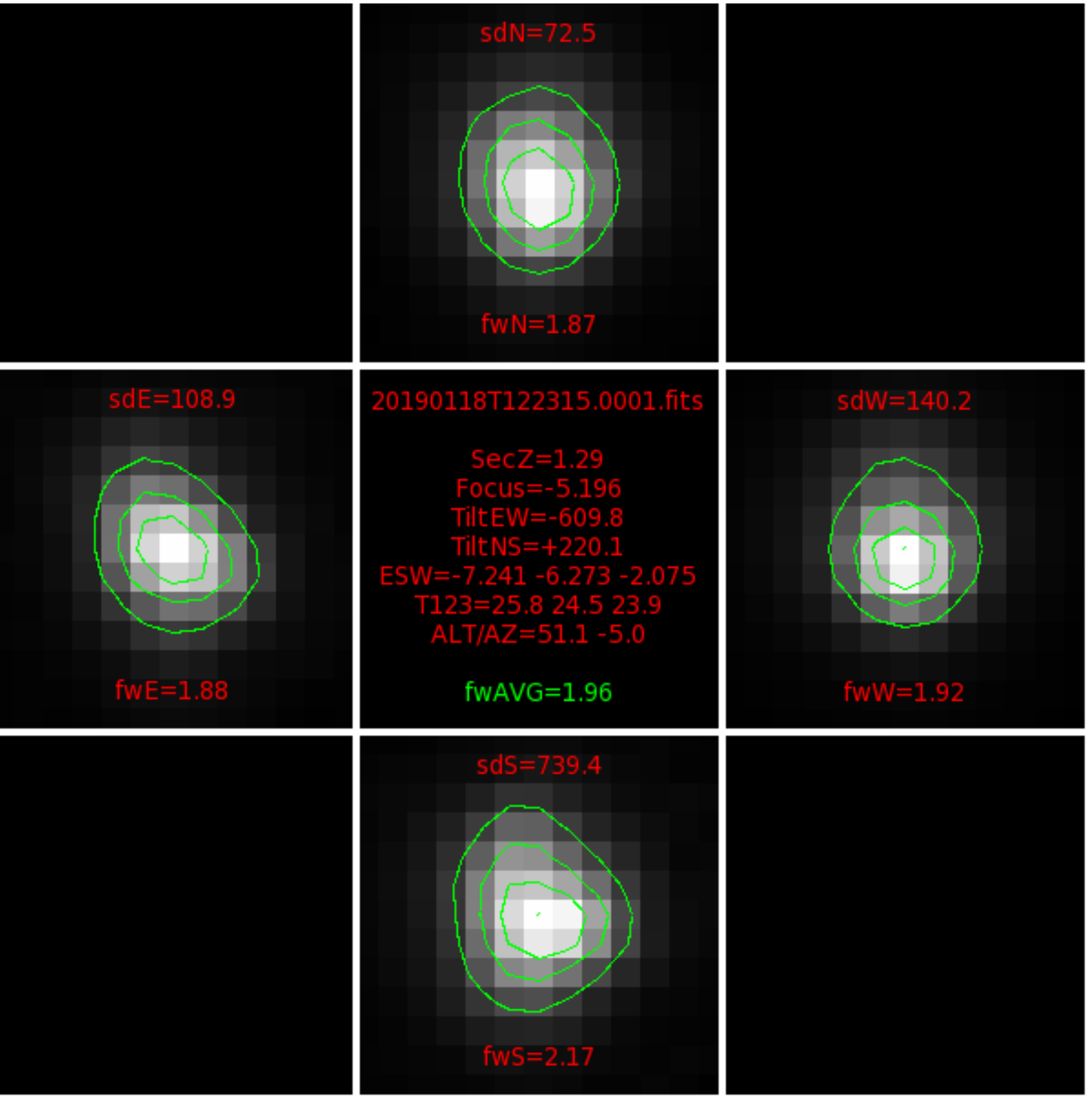
sdN=72.5
fwN=1.87
sdE=108.9
fwE=1.88
20190118T122315.0001.fits
SecZ=1.29
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.8 24.5 23.9
ALT/AZ=51.1 -5.0
fwAVG=1.96
sdW=140.2
fwW=1.92
sdS=739.4
fwS=2.17
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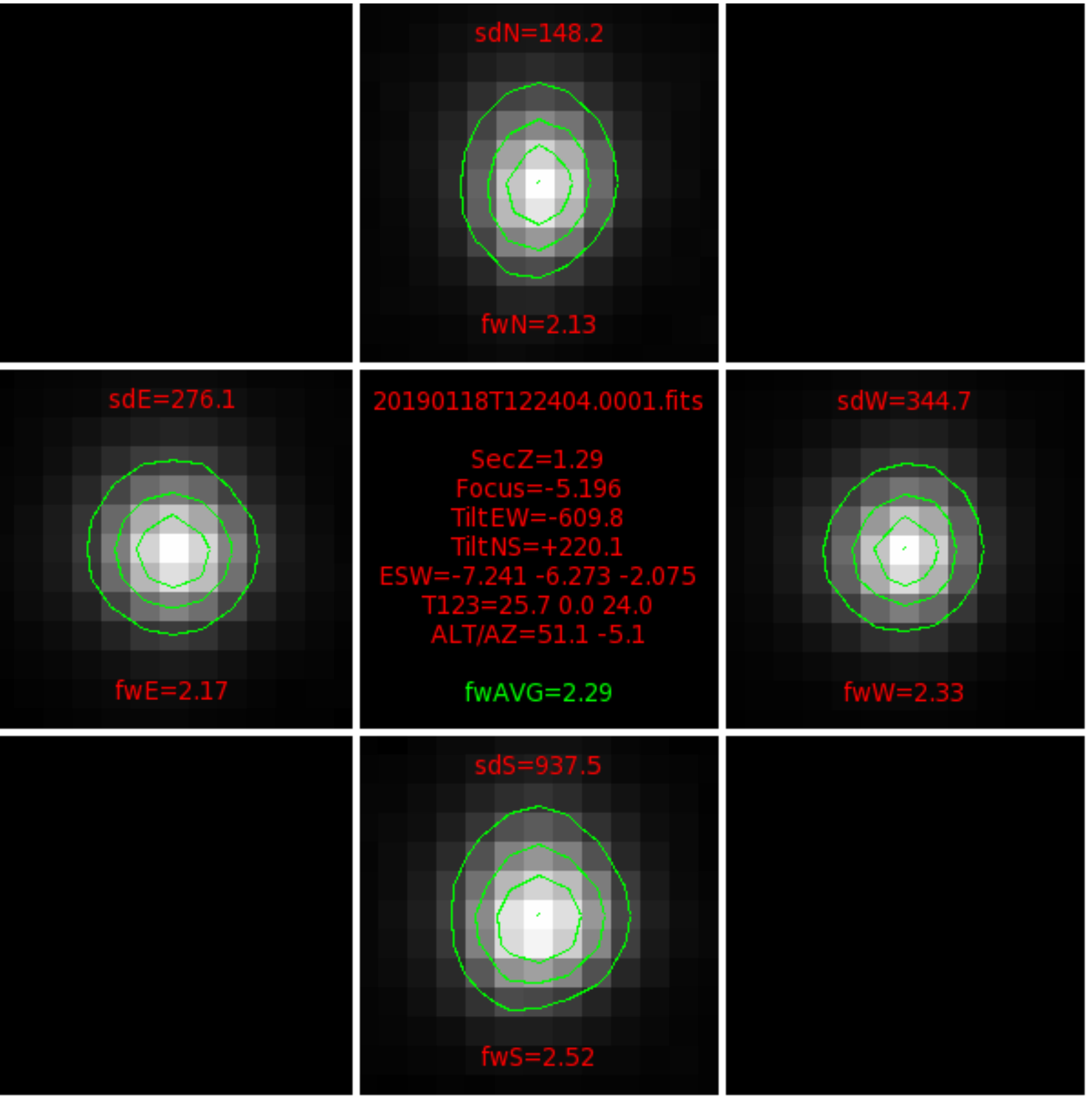
sdN=148.2
fwN=2.13
sdE=276.1
fwE=2.17
20190118T122404.0001.fits
SecZ=1.29
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.7 0.0 24.0
ALT/AZ=51.1 -5.1
fwAVG=2.29
sdW=344.7
fwW=2.33
sdS=937.5
fwS=2.52
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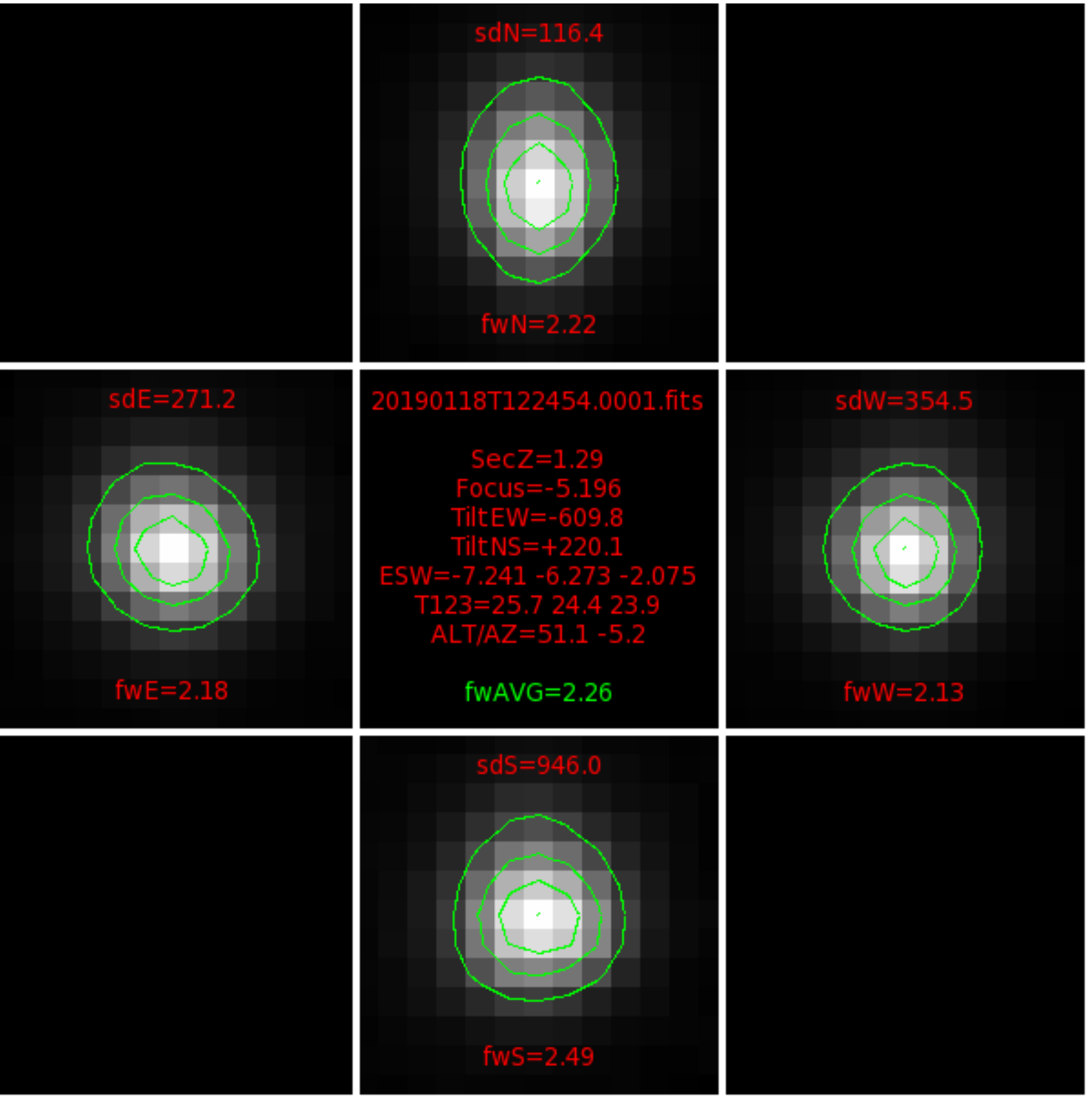
sdN=116.4
fwN=2.22
sdE=271.2
fwE=2.18
20190118T122454.0001.fits
SecZ=1.29
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.7 24.4 23.9
ALT/AZ=51.1 -5.2
fwAVG=2.26
sdW=354.5
fwW=2.13
sdS=946.0
fwS=2.49
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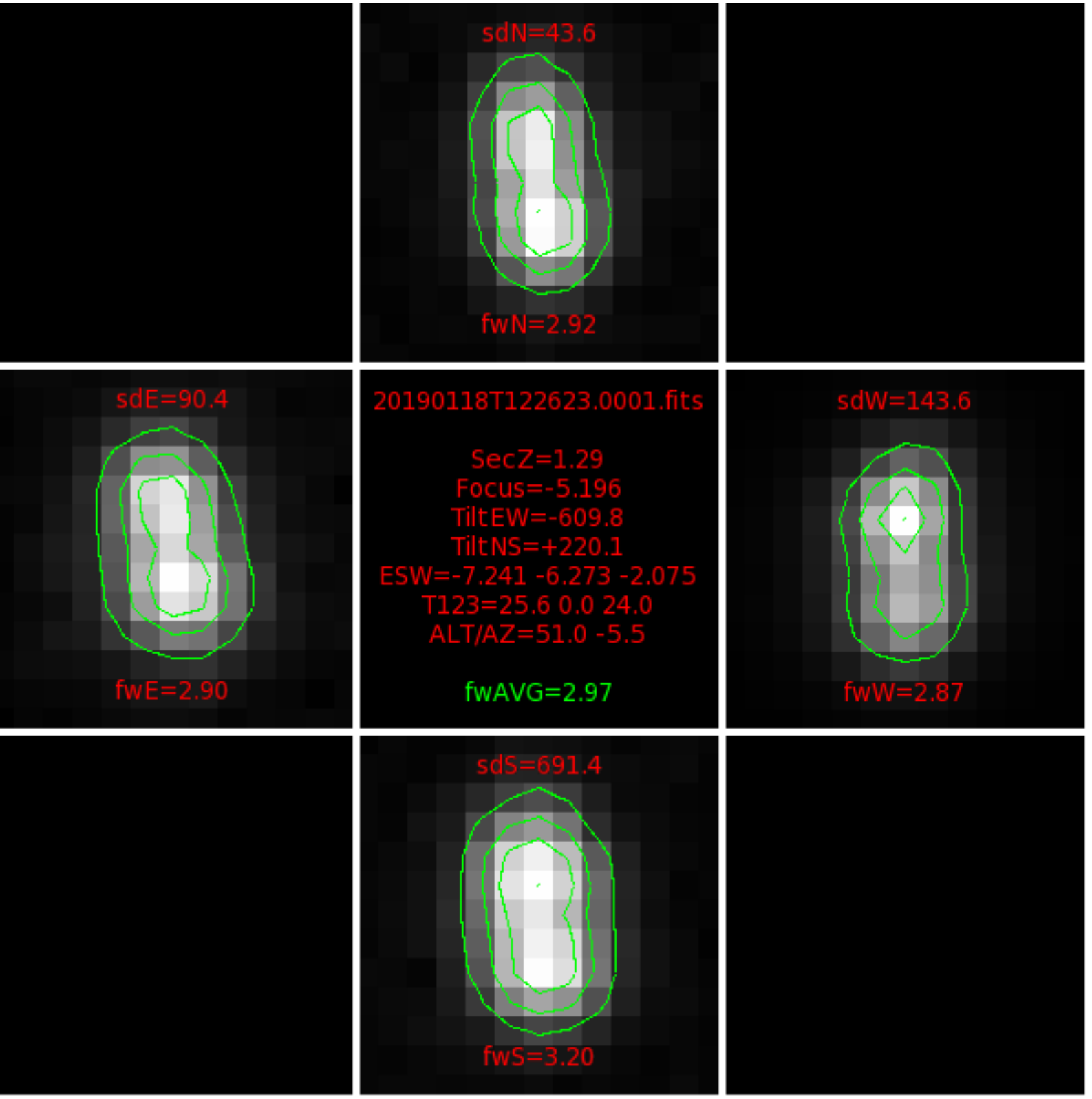
sdN=43.6
fwN=2.92
sdE=90.4
fwE=2.90
20190118T122623.0001.fits
SecZ=1.29
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.6 0.0 24.0
ALT/AZ=51.0 -5.5
fwAVG=2.97
sdW=143.6
fwW=2.87
sdS=691.4
fwS=3.20
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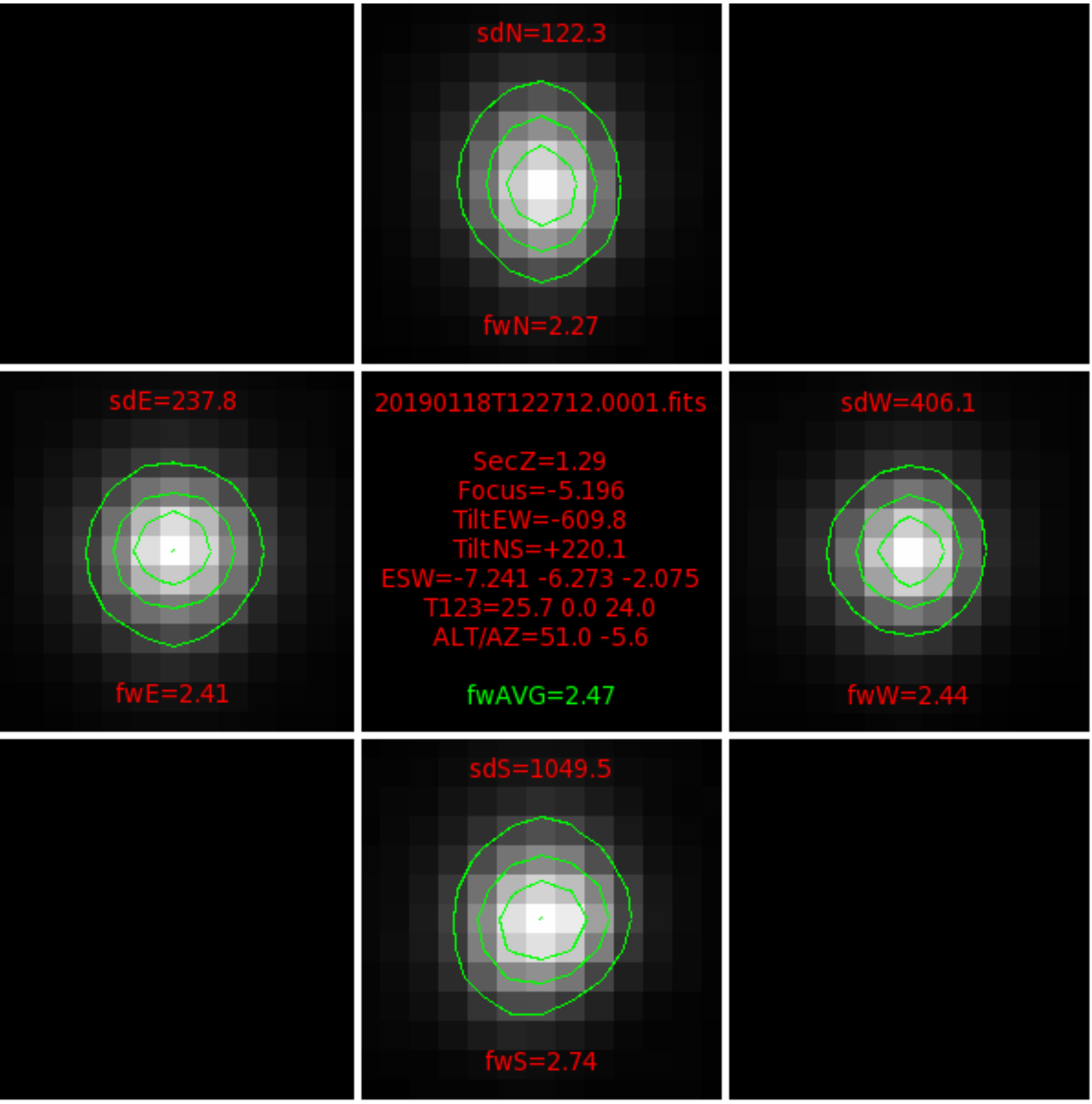
sdN=122.3
fwN=2.27
sdE=237.8
fwE=2.41
20190118T122712.0001.fits
SecZ=1.29
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.7 0.0 24.0
ALT/AZ=51.0 -5.6
fwAVG=2.47
sdW=406.1
fwW=2.44
sdS=1049.5
fwS=2.74
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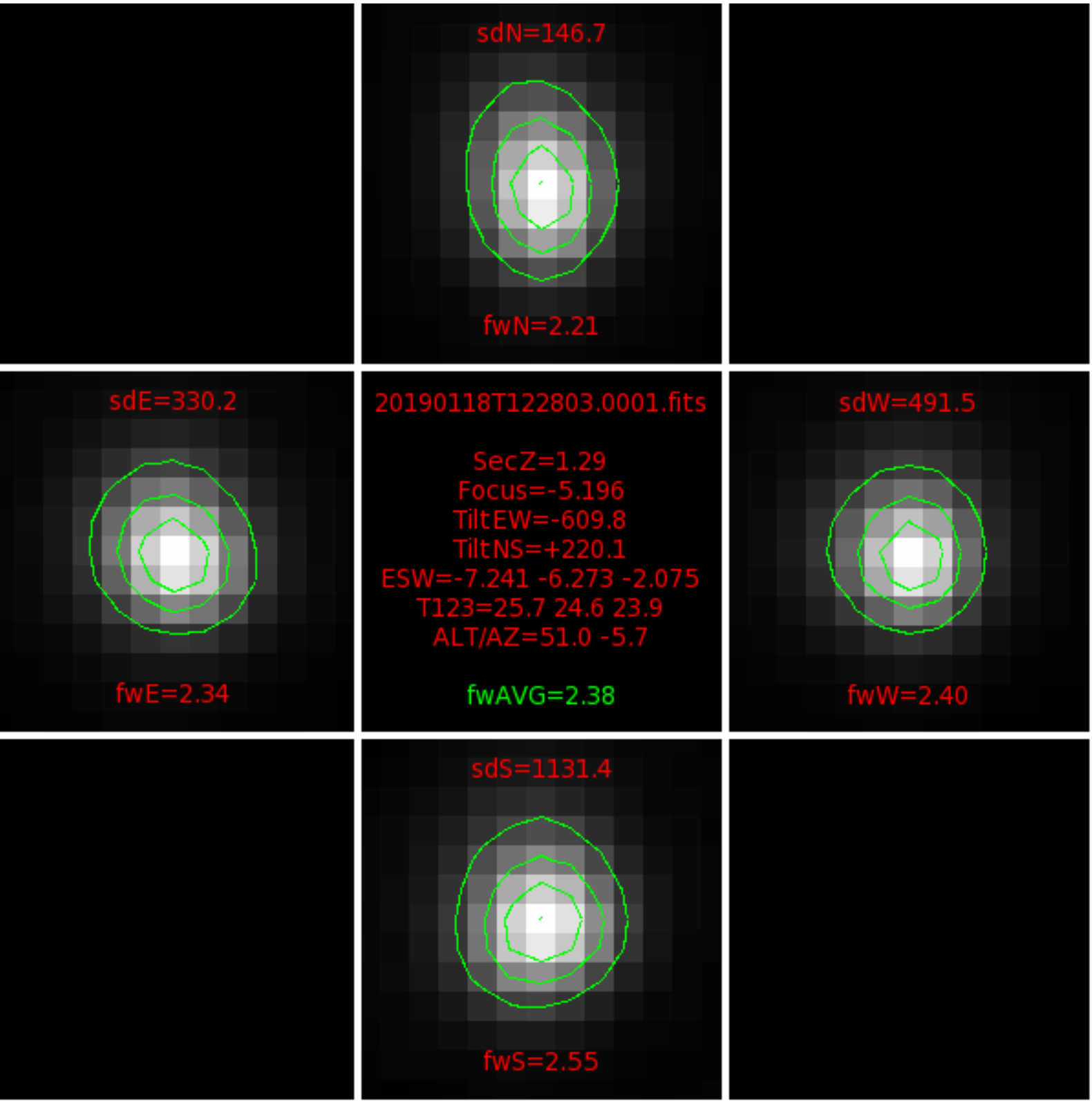
sdN=146.7
fwN=2.21
sdE=330.2
fwE=2.34
20190118T122803.0001.fits
SecZ=1.29
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.7 24.6 23.9
ALT/AZ=51.0 -5.7
fwAVG=2.38
sdW=491.5
fwW=2.40
sdS=1131.4
fwS=2.55
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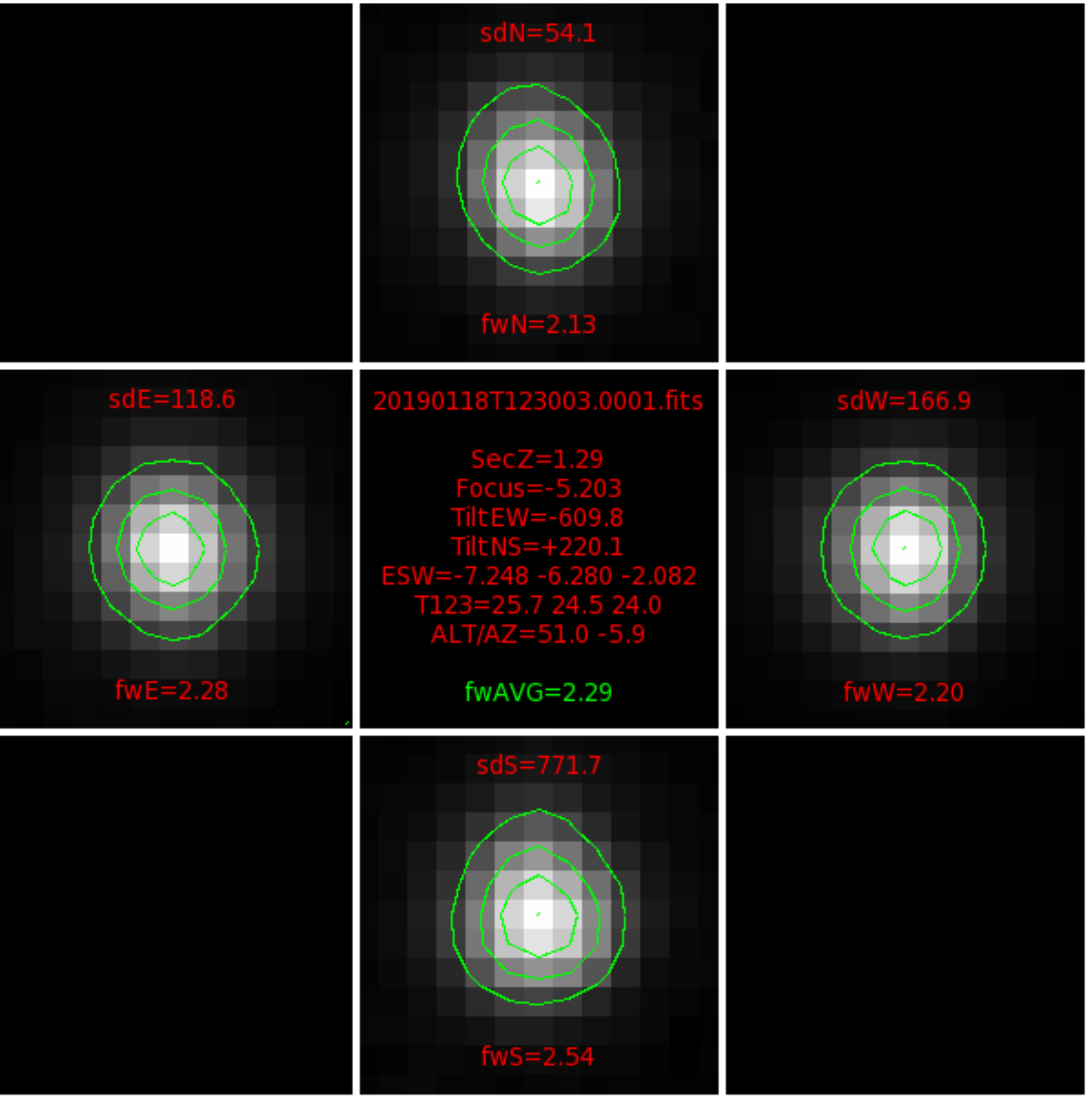
sdN=54.1
fwN=2.13
sdE=118.6
fwE=2.28
20190118T123003.0001.fits
SecZ=1.29
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=25.7 24.5 24.0
ALT/AZ=51.0 -5.9
fwAVG=2.29
sdW=166.9
fwW=2.20
sdS=771.7
fwS=2.54
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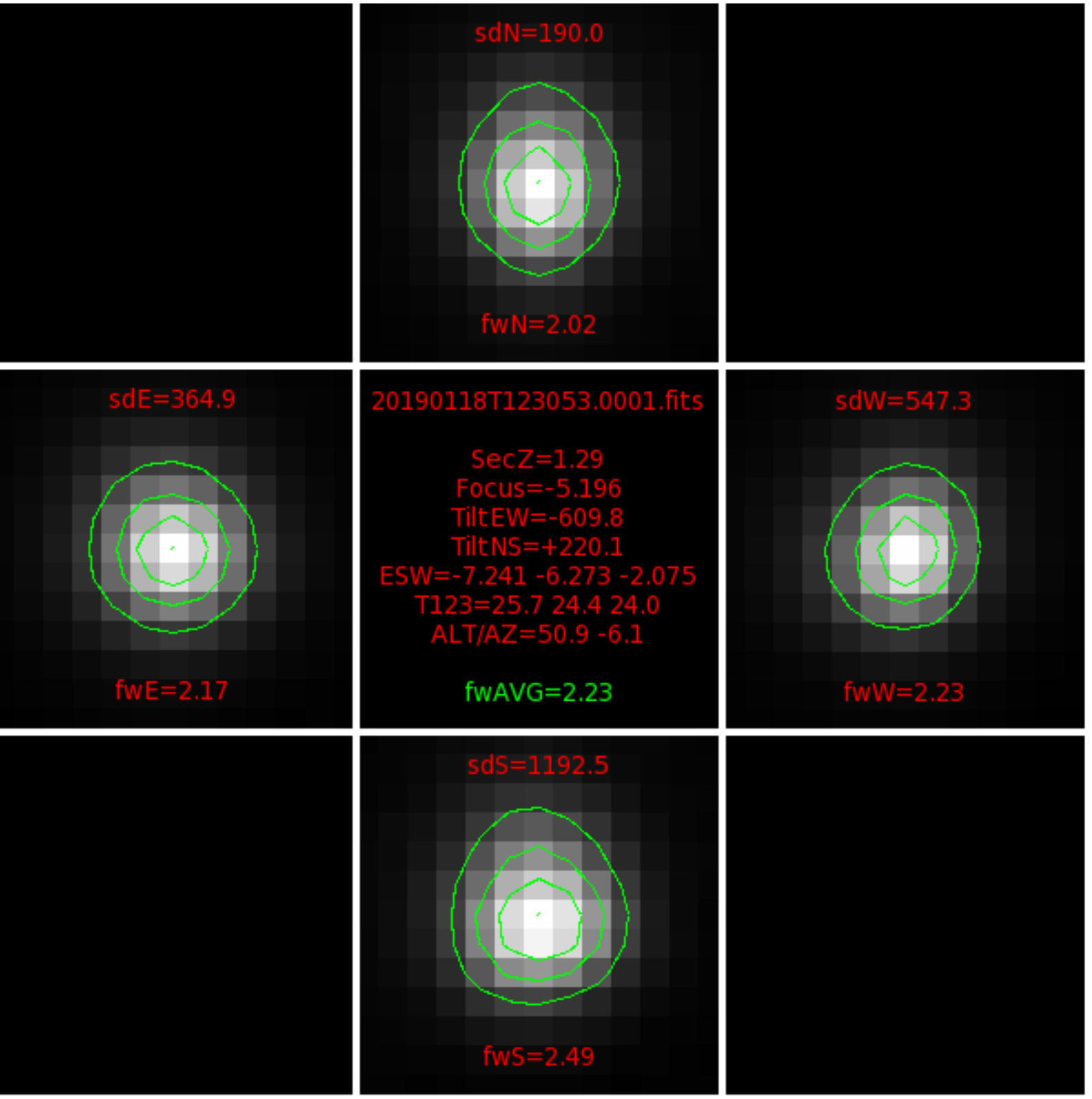
sdN=190.0
fwN=2.02
sdE=364.9
fwE=2.17
20190118T123053.0001.fits
SecZ=1.29
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.7 24.4 24.0
ALT/AZ=50.9 -6.1
fwAVG=2.23
sdW=547.3
fwW=2.23
sdS=1192.5
fwS=2.49
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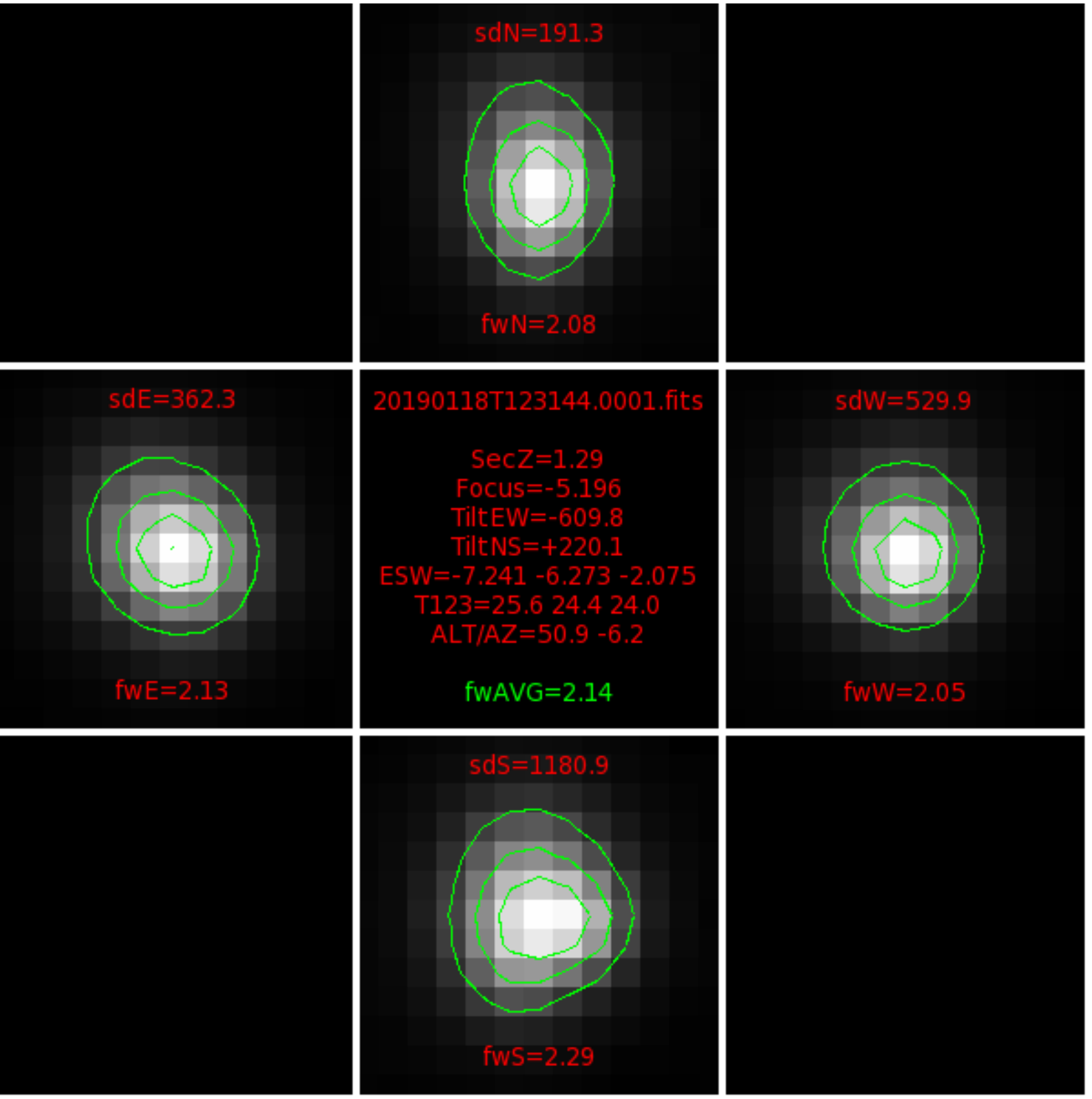
sdN=191.3
fwN=2.08
sdE=362.3
fwE=2.13
20190118T123144.0001.fits
SecZ=1.29
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=25.6 24.4 24.0
ALT/AZ=50.9 -6.2
fwAVG=2.14
sdW=529.9
fwW=2.05
sdS=1180.9
fwS=2.29
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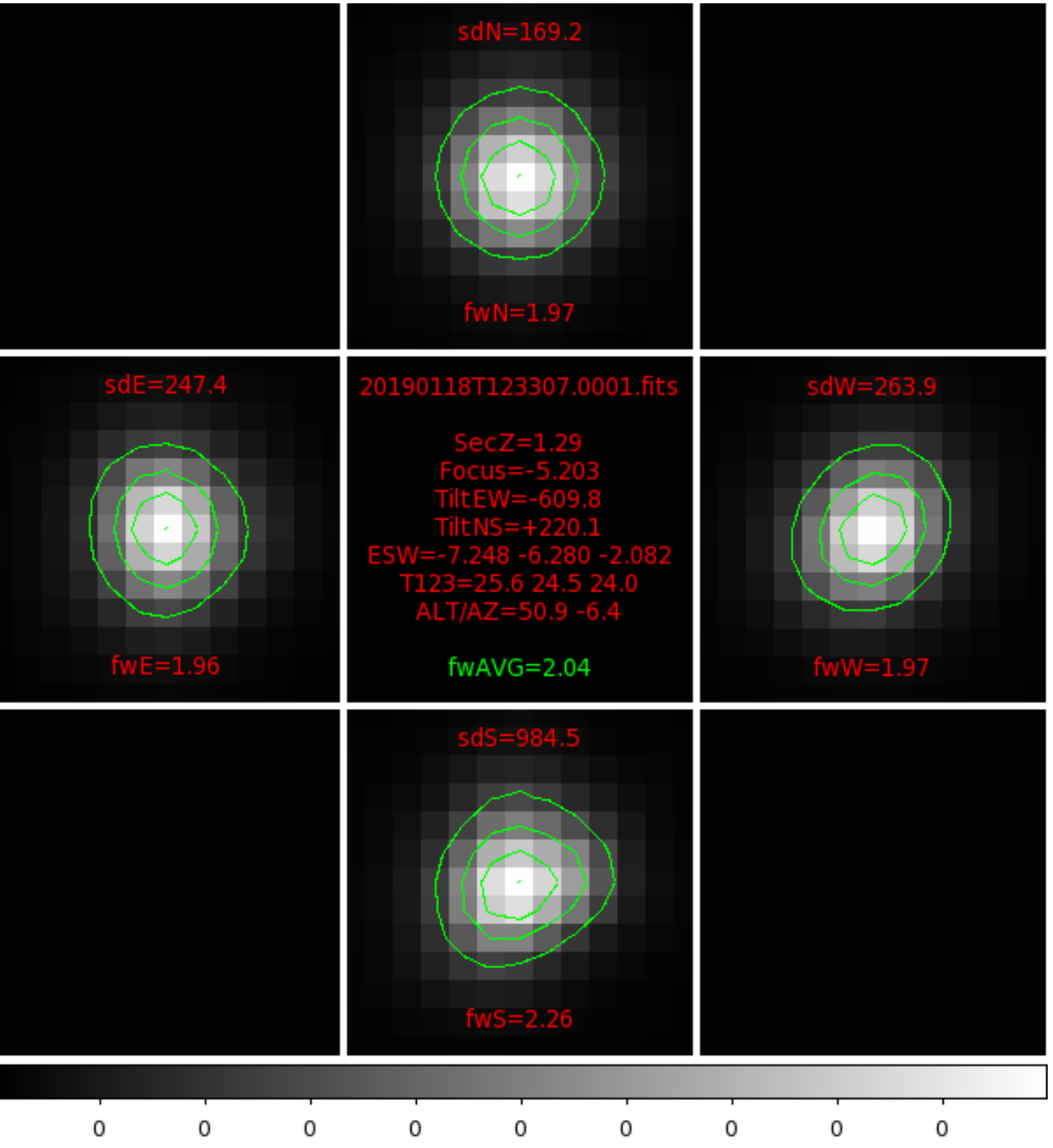
sdN=169.2
fwN=1.97
sdE=247.4
fwE=1.96
20190118T123307.0001.fits
SecZ=1.29
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=25.6 24.5 24.0
ALT/AZ=50.9 -6.4
fwAVG=2.04
sdW=263.9
fwW=1.97
sdS=984.5
fwS=2.26
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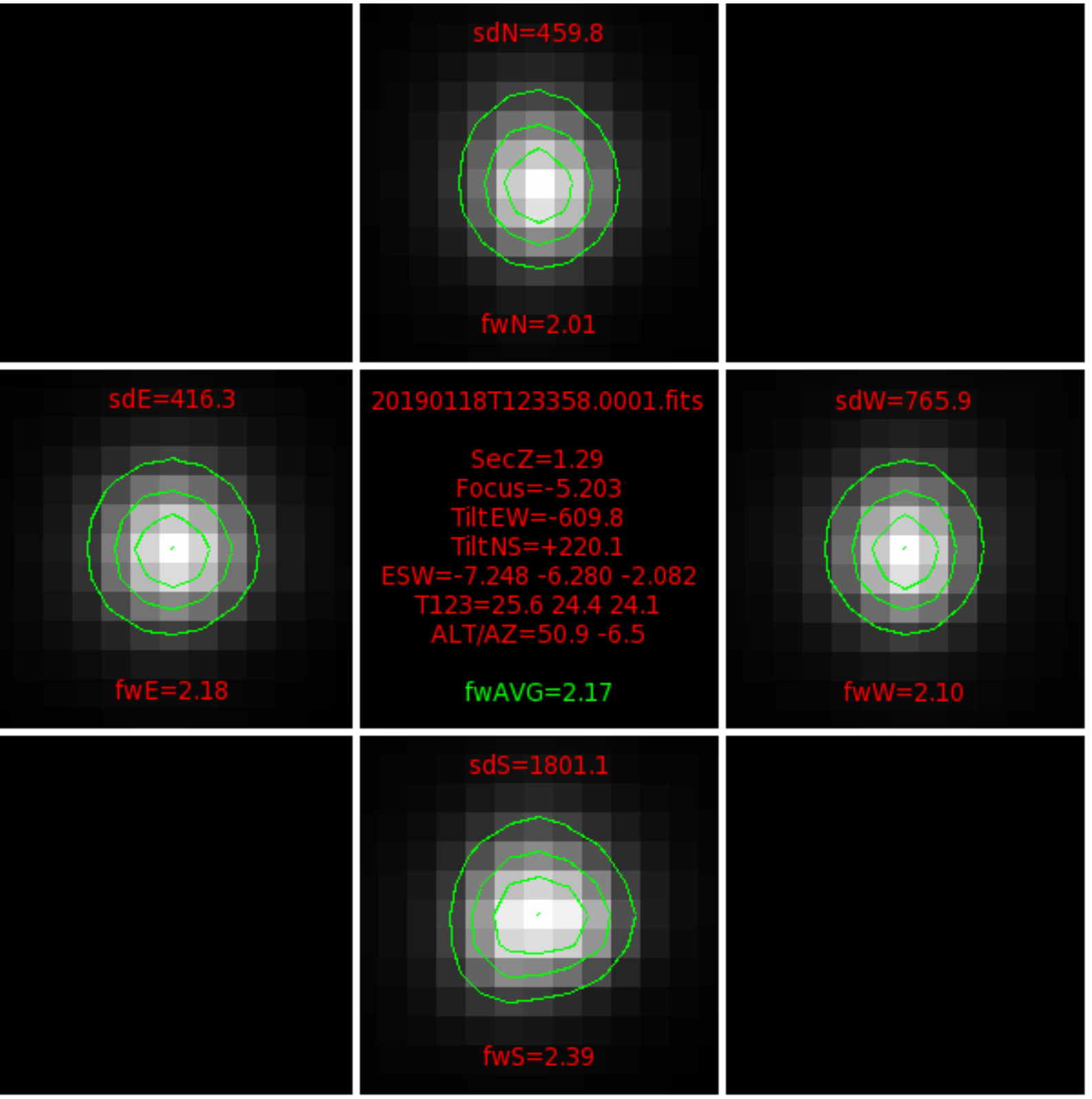
sdN=459.8
fwN=2.01
sdE=416.3
fwE=2.18
20190118T123358.0001.fits
SecZ=1.29
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=25.6 24.4 24.1
ALT/AZ=50.9 -6.5
fwAVG=2.17
sdW=765.9
fwW=2.10
sdS=1801.1
fwS=2.39
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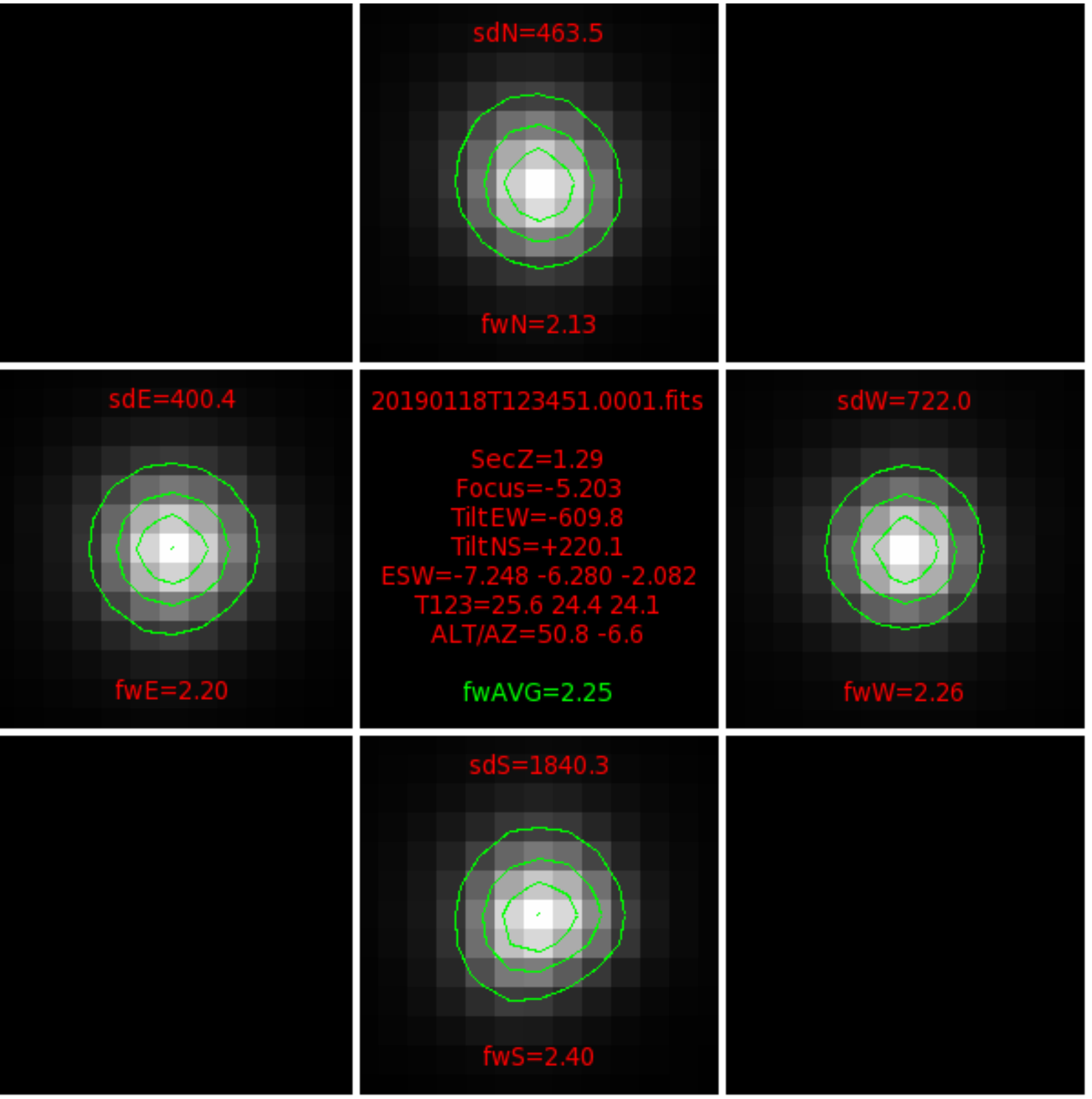
sdN=463.5
fwN=2.13
sdE=400.4
fwE=2.20
20190118T123451.0001.fits
SecZ=1.29
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=25.6 24.4 24.1
ALT/AZ=50.8 -6.6
fwAVG=2.25
sdW=722.0
fwW=2.26
sdS=1840.3
fwS=2.40
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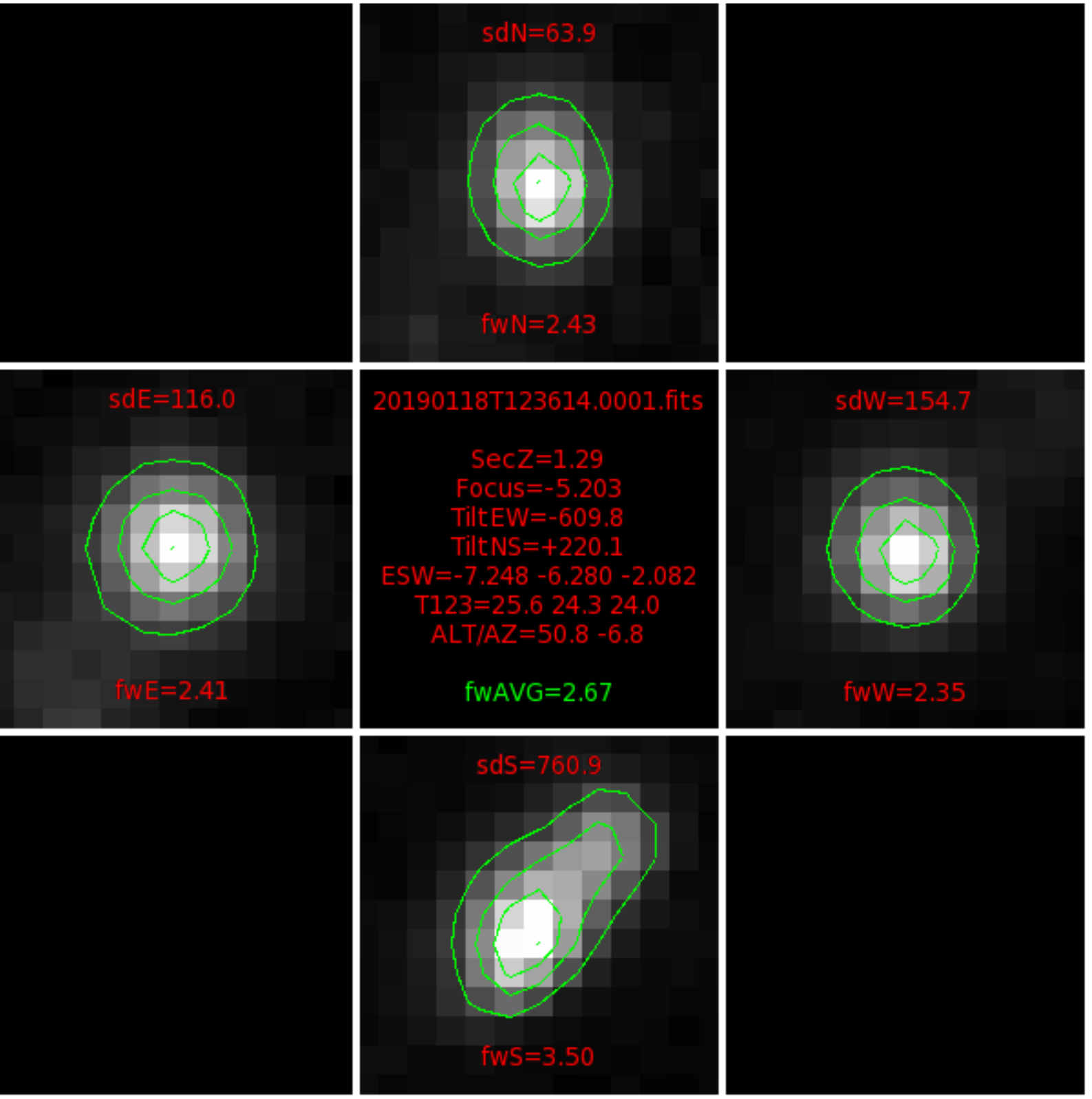
sdN=63.9
fwN=2.43
sdE=116.0
fwE=2.41
20190118T123614.0001.fits
SecZ=1.29
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=25.6 24.3 24.0
ALT/AZ=50.8 -6.8
fwAVG=2.67
sdW=154.7
fwW=2.35
sdS=760.9
fwS=3.50
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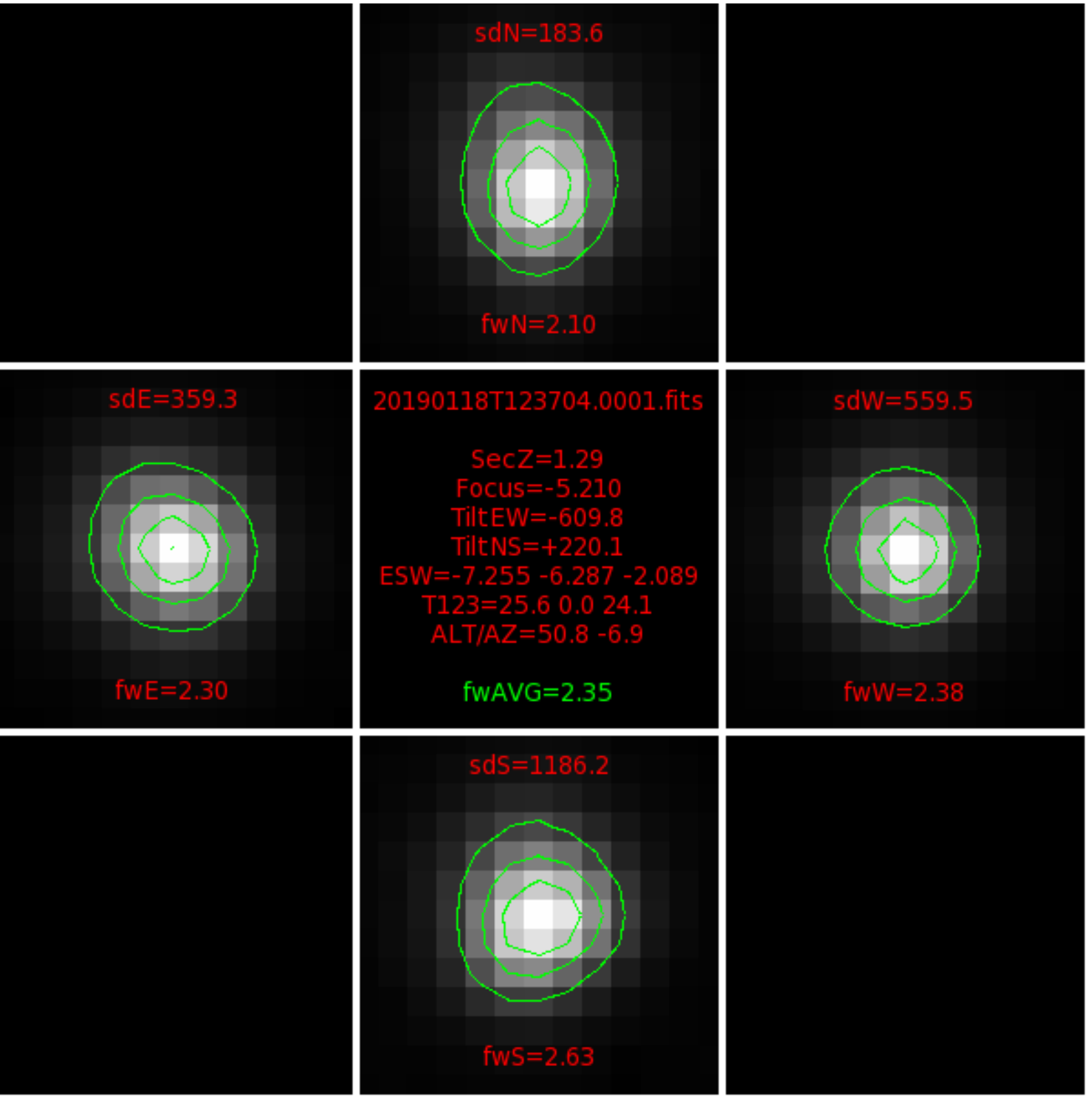
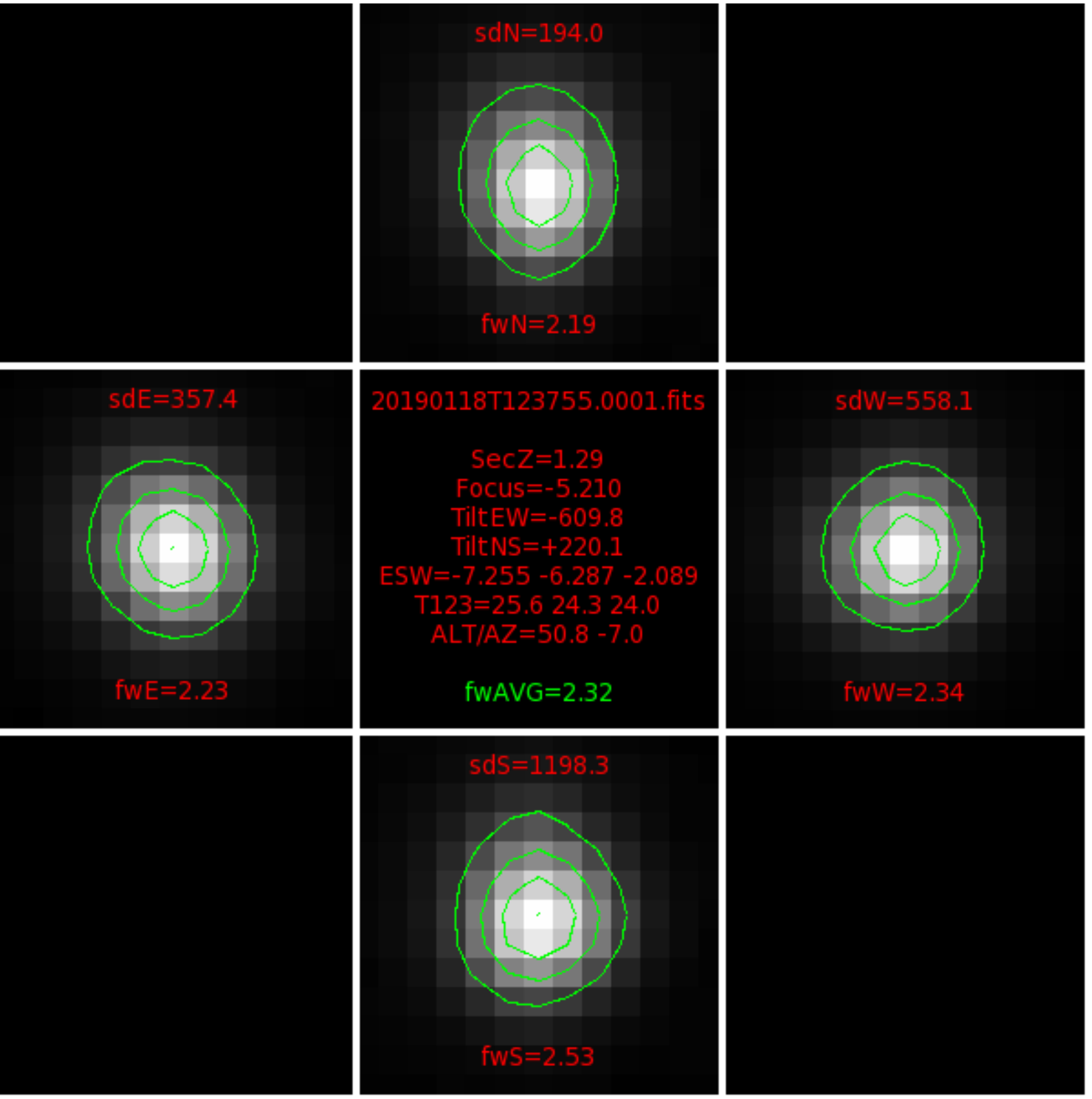

sdN=183.6
fwN=2.10
sdE=359.3
fwE=2.30
20190118T123704.0001.fits
SecZ=1.29
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.6 0.0 24.1
ALT/AZ=50.8 -6.9
fwAVG=2.35
sdW=559.5
fwW=2.38
sdS=1186.2
fwS=2.63
0 0 0 0 0 0 0 0 0


sdN=194.0
fwN=2.19
sdE=357.4
fwE=2.23
20190118T123755.0001.fits
SecZ=1.29
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.6 24.3 24.0
ALT/AZ=50.8 -7.0
fwAVG=2.32
sdW=558.1
fwW=2.34
sdS=1198.3
fwS=2.53
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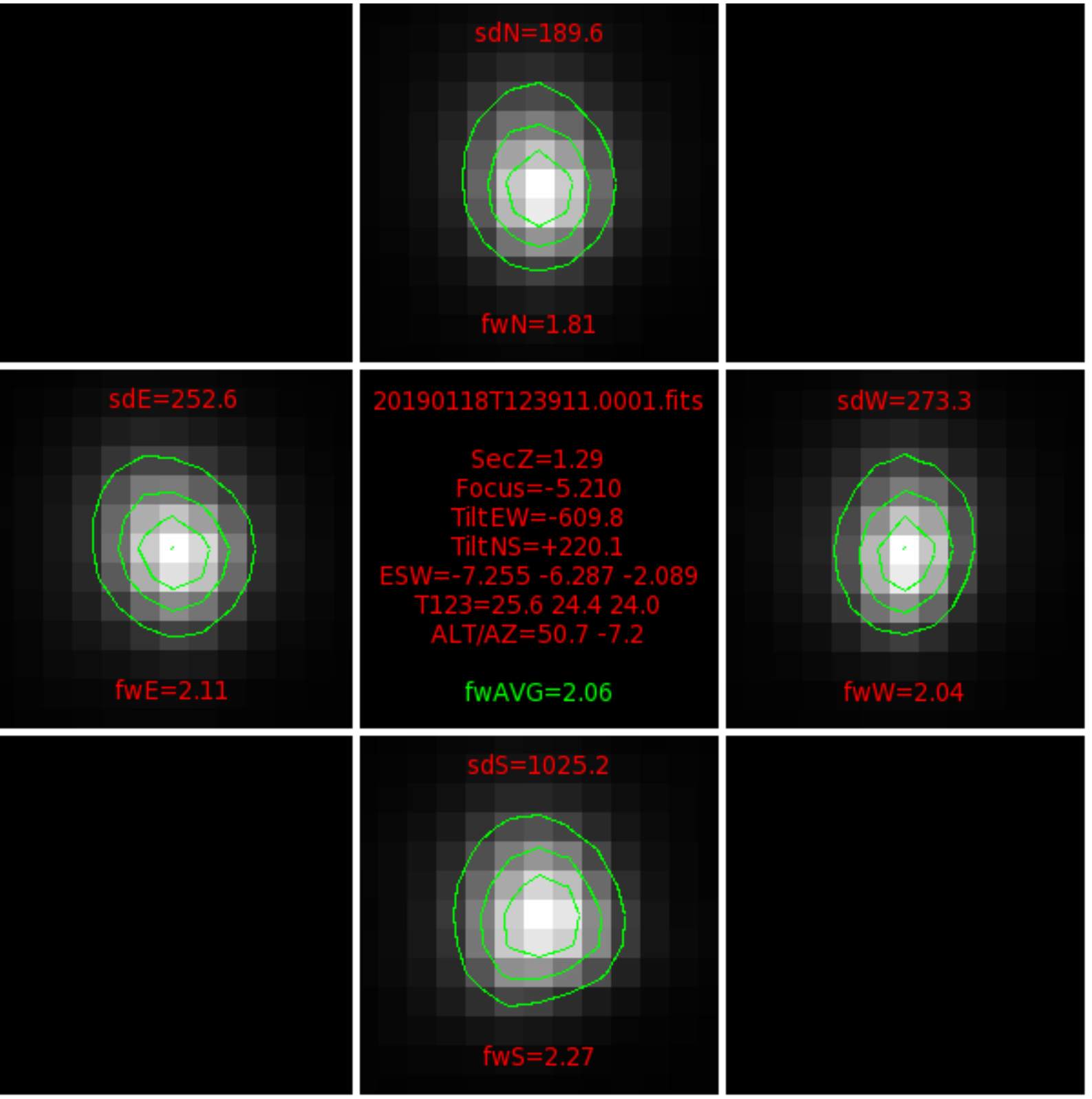
sdN=189.6
fwN=1.81
sdE=252.6
fwE=2.11
20190118T123911.0001.fits
SecZ=1.29
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.6 24.4 24.0
ALT/AZ=50.7 -7.2
fwAVG=2.06
sdW=273.3
fwW=2.04
sdS=1025.2
fwS=2.27
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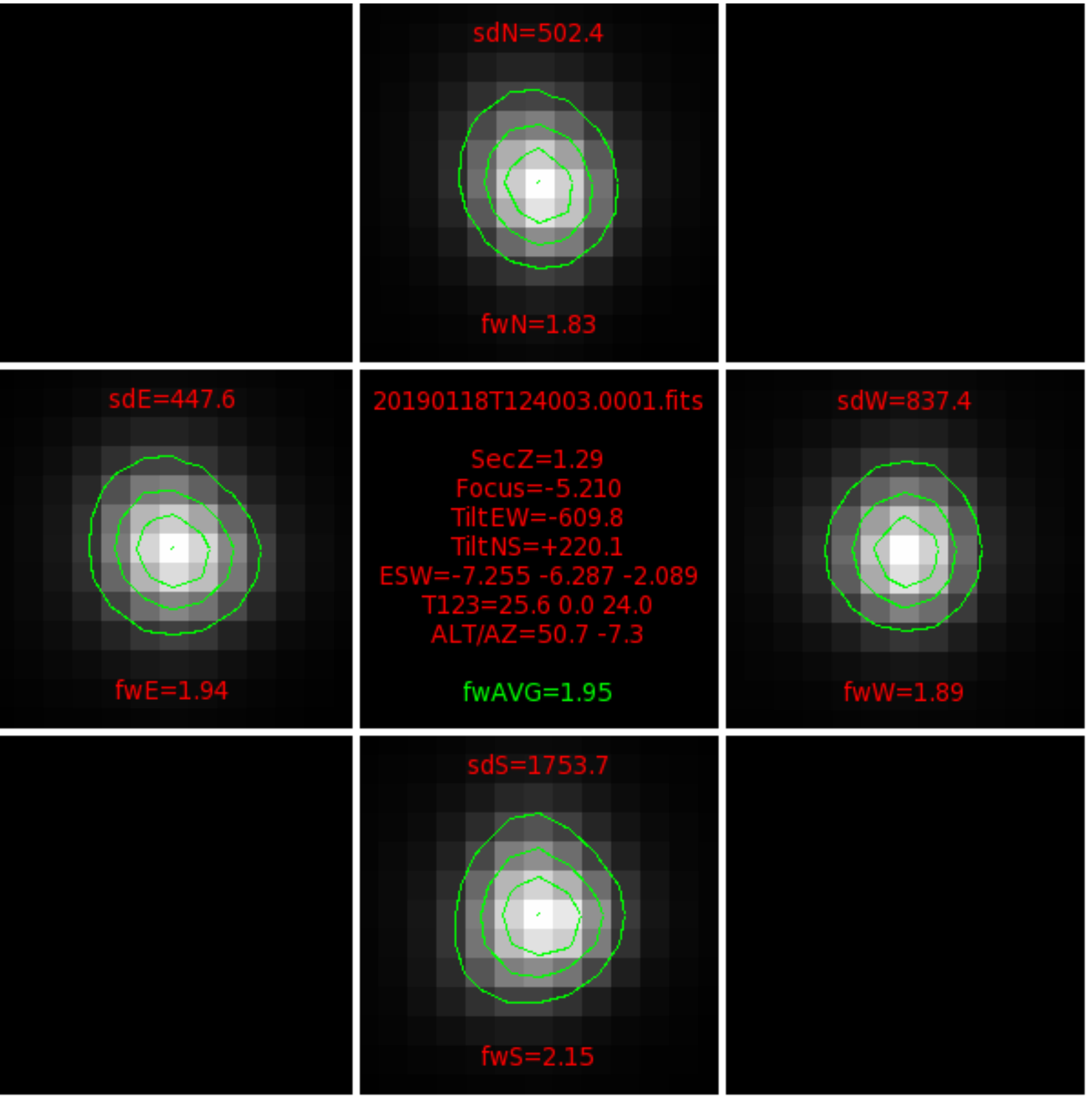
sdN=502.4
fwN=1.83
sdE=447.6
fwE=1.94
20190118T124003.0001.fits
SecZ=1.29
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.6 0.0 24.0
ALT/AZ=50.7 -7.3
fwAVG=1.95
sdW=837.4
fwW=1.89
sdS=1753.7
fwS=2.15
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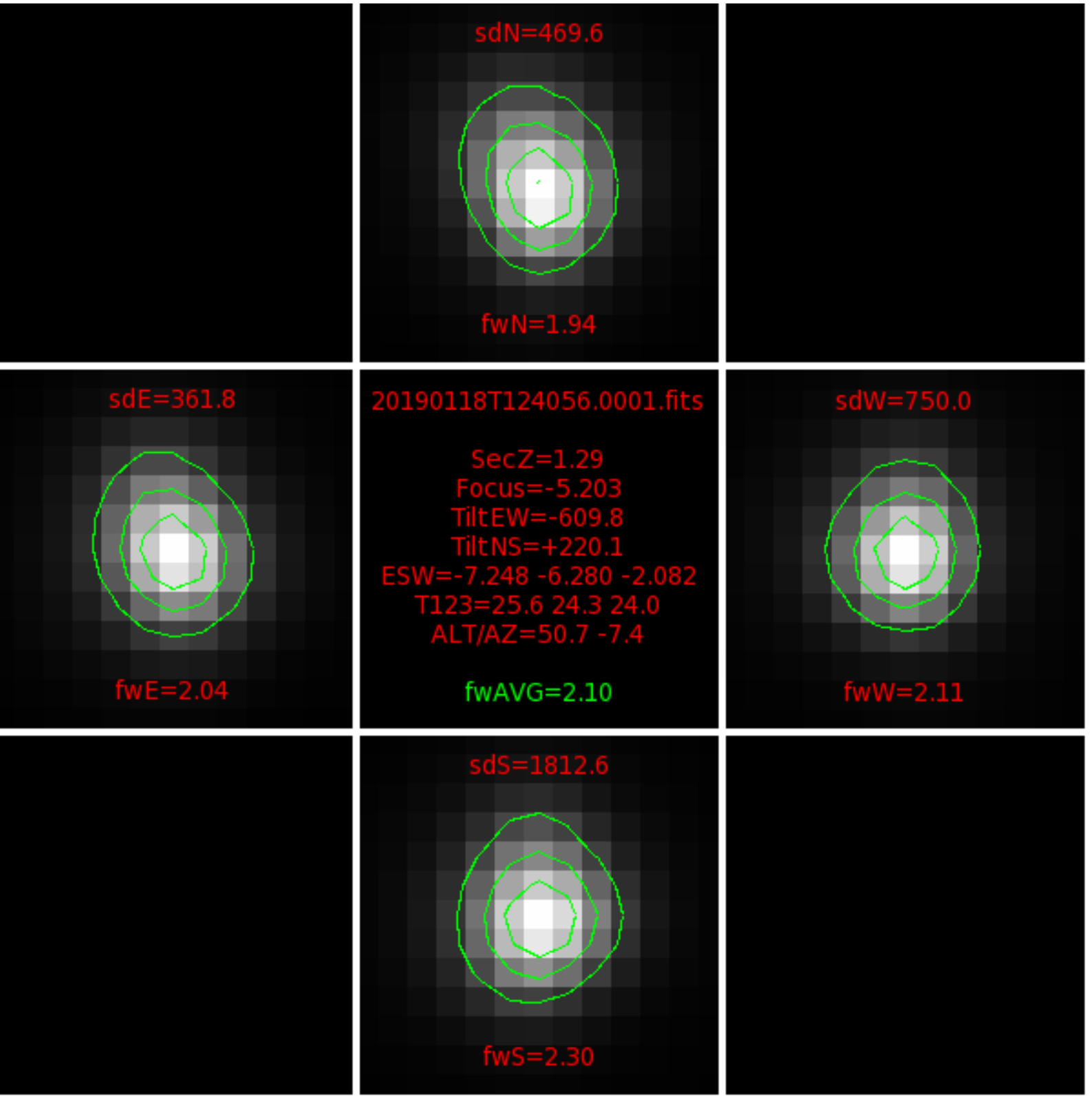
sdN=469.6
fwN=1.94
sdE=361.8
fwE=2.04
20190118T124056.0001.fits
SecZ=1.29
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=25.6 24.3 24.0
ALT/AZ=50.7 -7.4
fwAVG=2.10
sdW=750.0
fwW=2.11
sdS=1812.6
fwS=2.30
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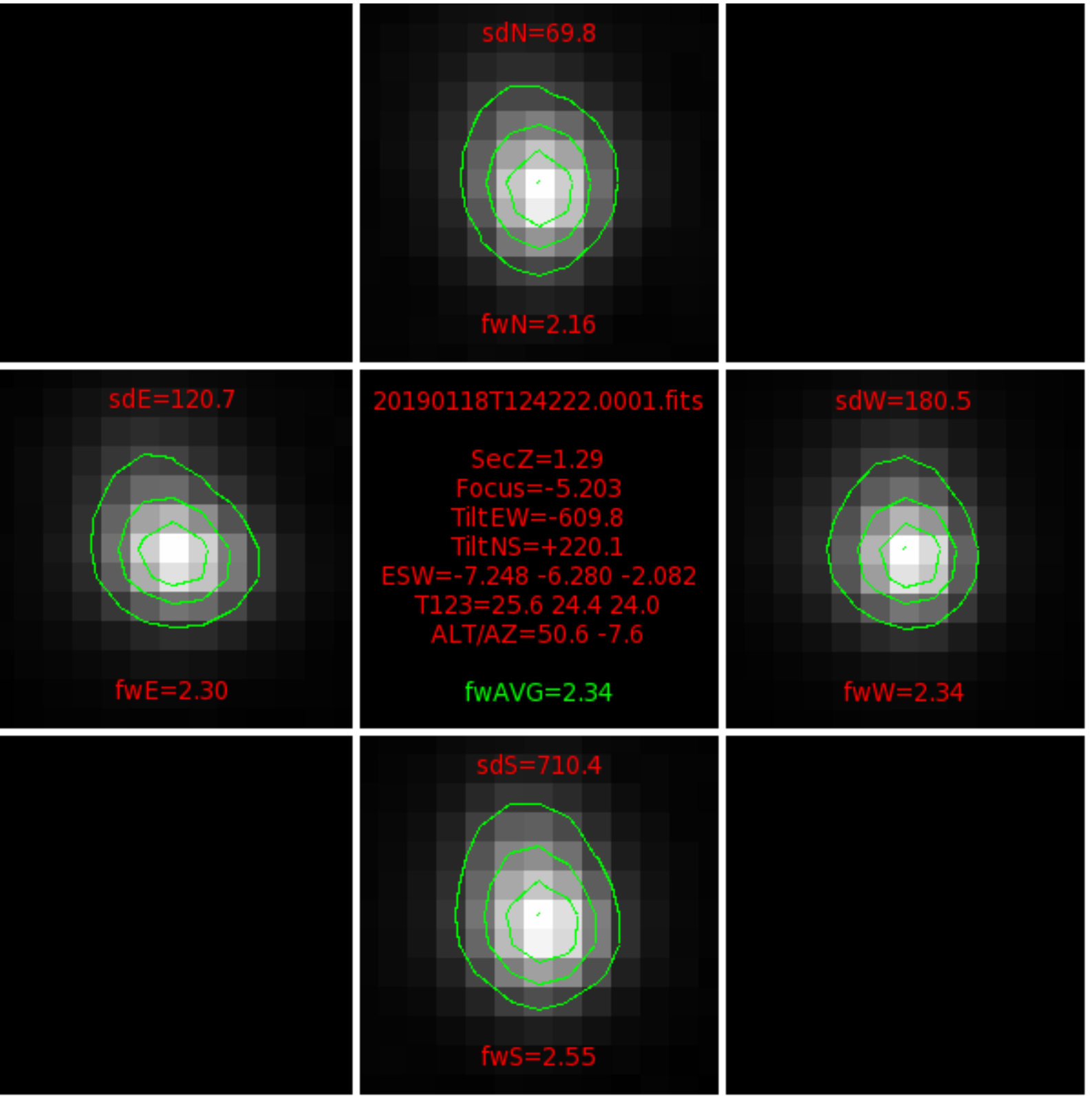
sdN=69.8
fwN=2.16
sdE=120.7
fwE=2.30
20190118T124222.0001.fits
SecZ=1.29
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=25.6 24.4 24.0
ALT/AZ=50.6 -7.6
fwAVG=2.34
sdW=180.5
fwW=2.34
sdS=710.4
fwS=2.55
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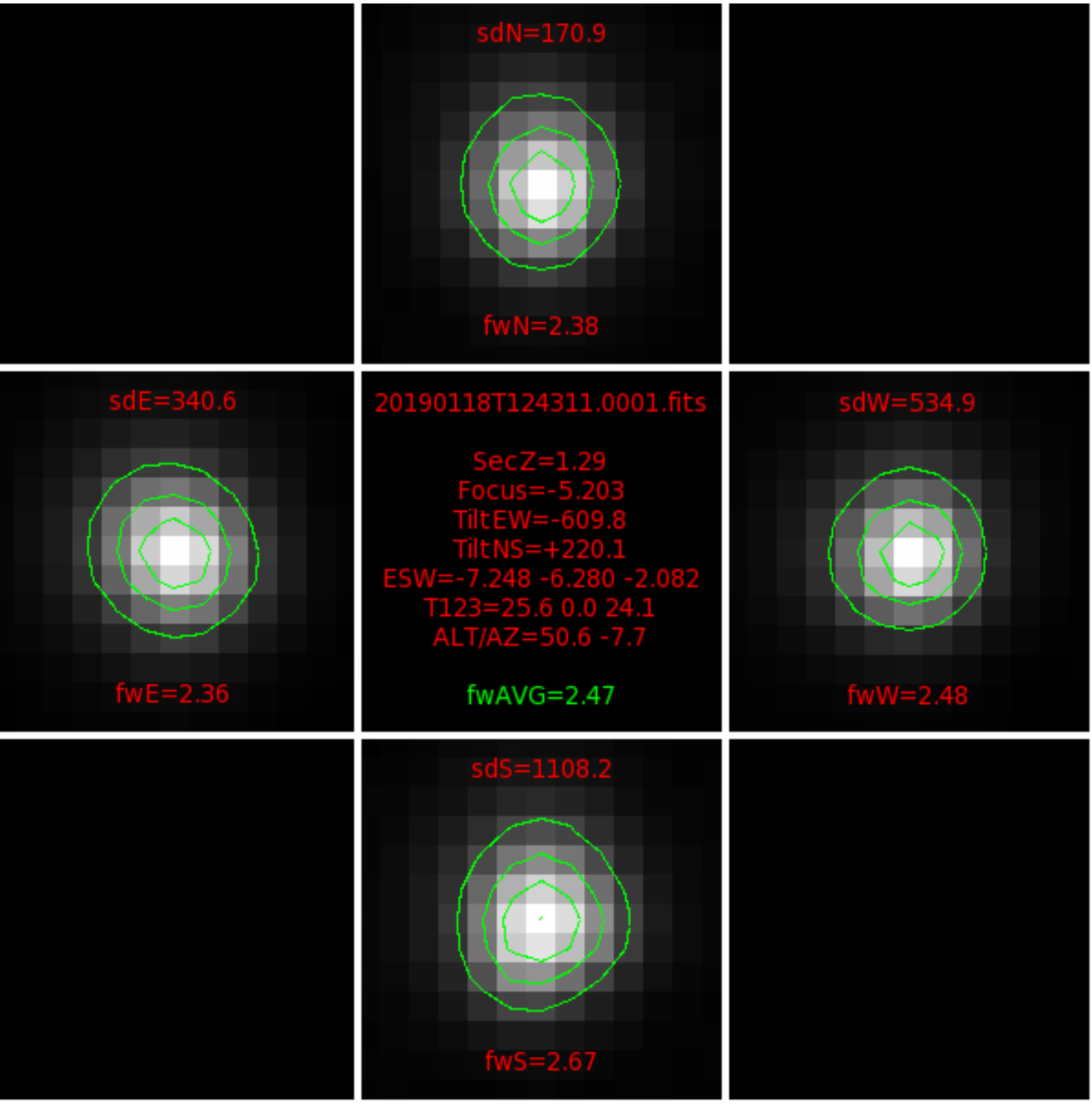
sdN=170.9
fwN=2.38
sdE=340.6
fwE=2.36
20190118T124311.0001.fits
SecZ=1.29
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=25.6 0.0 24.1
ALT/AZ=50.6 -7.7
fwAVG=2.47
sdW=534.9
fwW=2.48
sdS=1108.2
fwS=2.67
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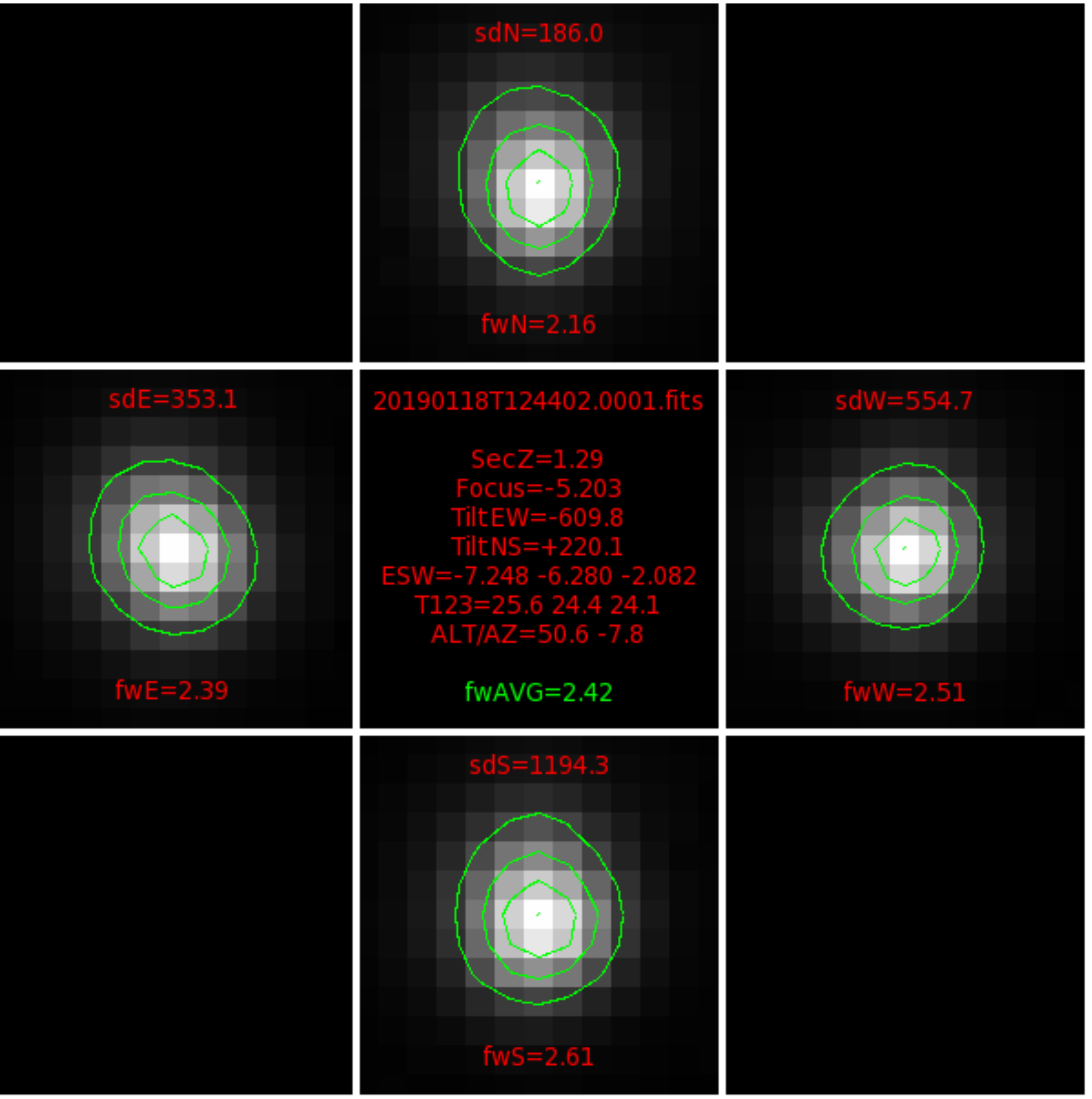
sdN=186.0
fwN=2.16
sdE=353.1
fwE=2.39
20190118T124402.0001.fits
SecZ=1.29
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=25.6 24.4 24.1
ALT/AZ=50.6 -7.8
fwAVG=2.42
sdW=554.7
fwW=2.51
sdS=1194.3
fwS=2.61
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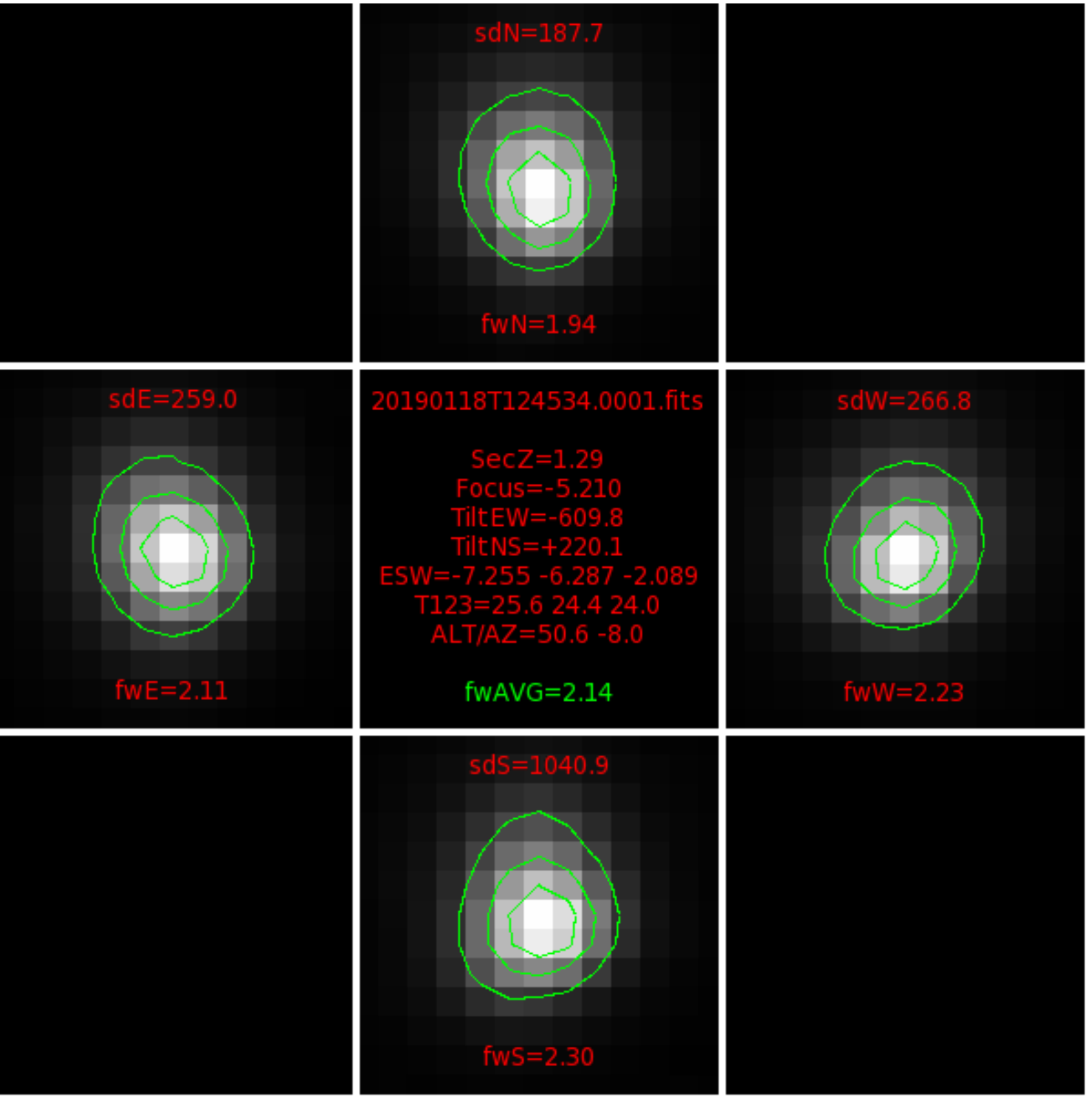
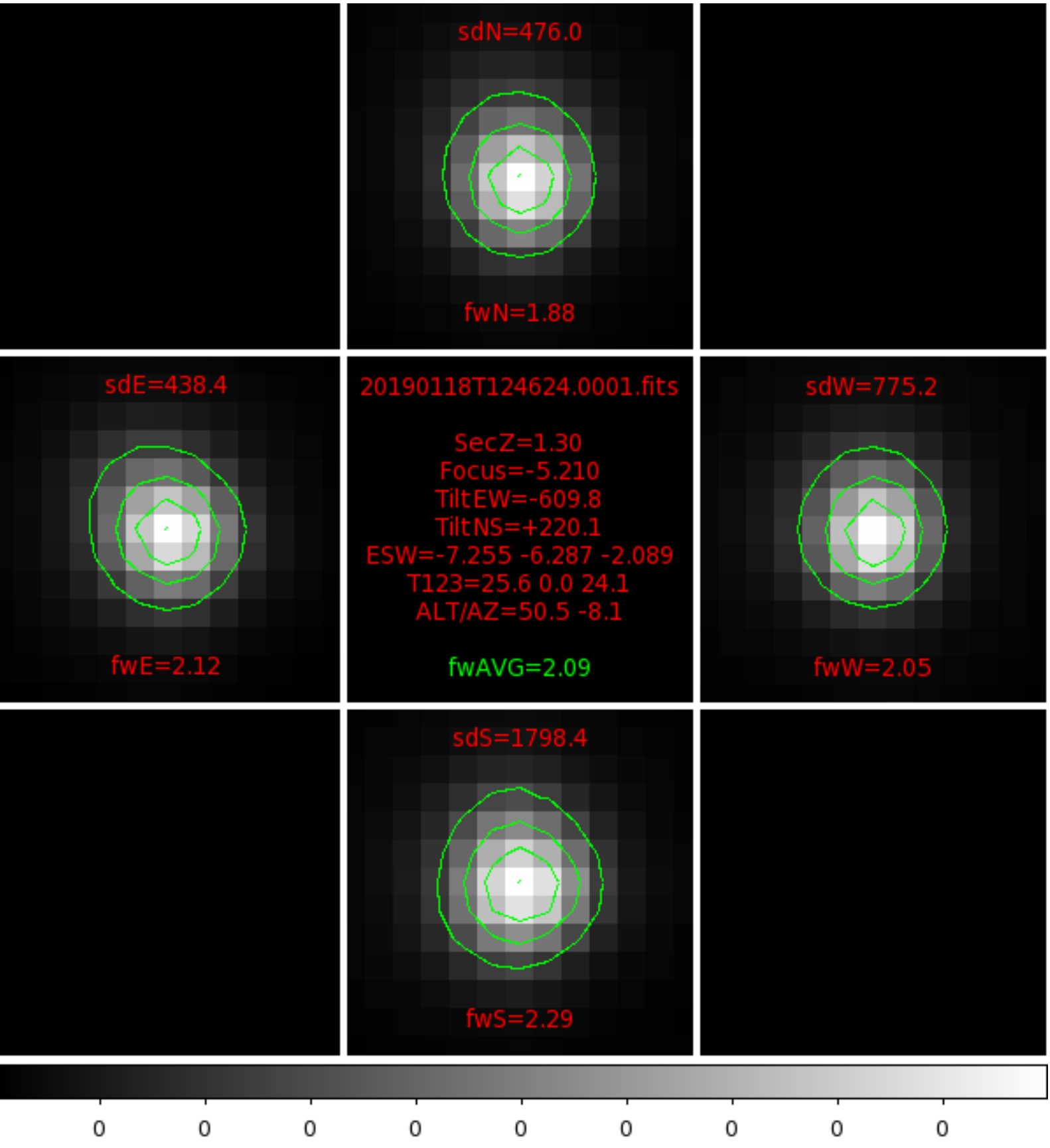

sdN=187.7
fwN=1.94
sdE=259.0
fwE=2.11
20190118T124534.0001.fits
SecZ=1.29
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.6 24.4 24.0
ALT/AZ=50.6 -8.0
fwAVG=2.14
sdW=266.8
fwW=2.23
sdS=1040.9
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=476.0
fwN=1.88
sdE=438.4
fwE=2.12
20190118T124624.0001.fits
SecZ=1.30
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.6 0.0 24.1
ALT/AZ=50.5 -8.1
fwAVG=2.09
sdW=775.2
fwW=2.05
sdS=1798.4
fwS=2.29
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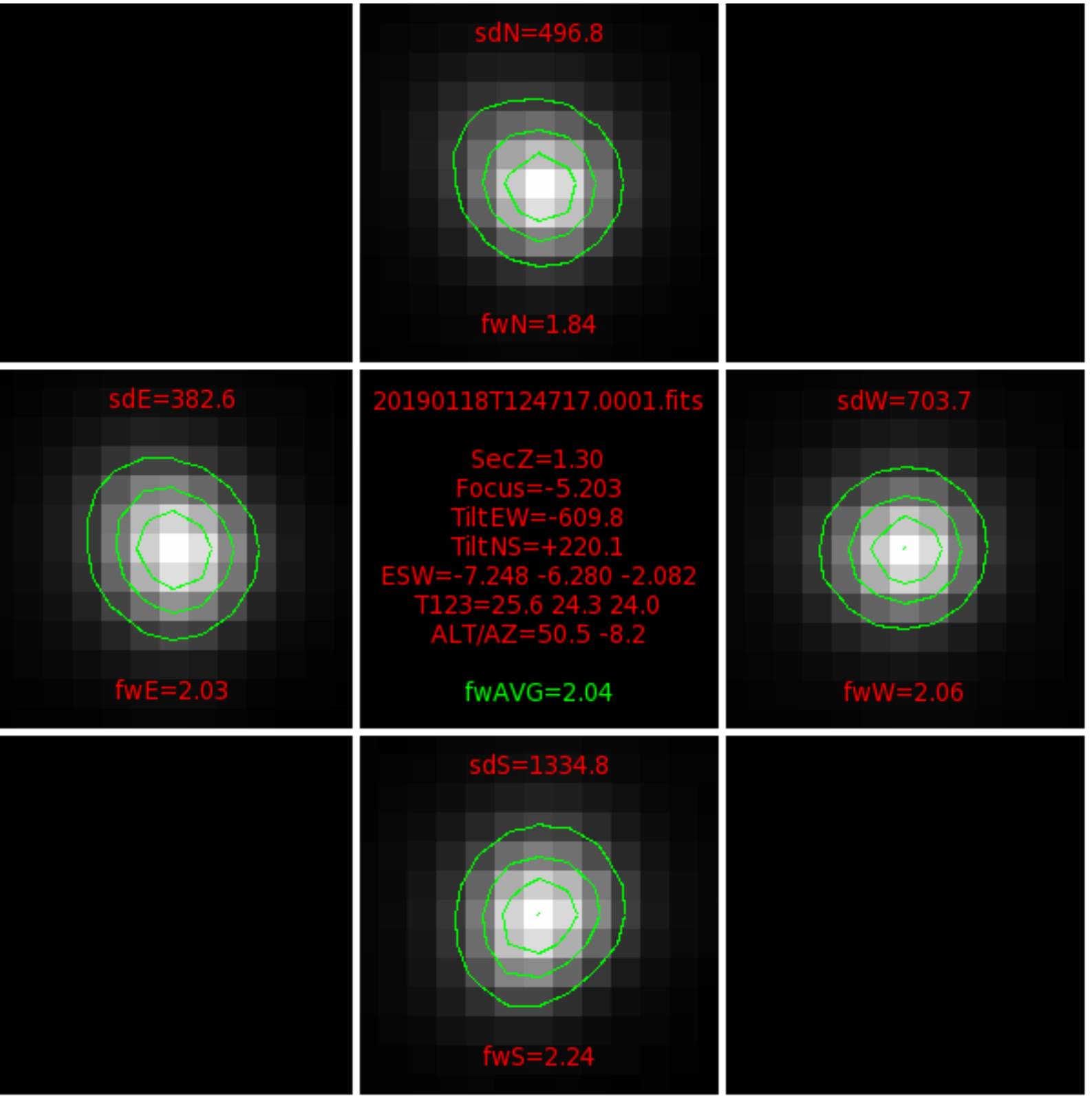
sdN=496.8
fwN=1.84
sdE=382.6
fwE=2.03
20190118T124717.0001.fits
SecZ=1.30
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=25.6 24.3 24.0
ALT/AZ=50.5 -8.2
fwAVG=2.04
sdW=703.7
fwW=2.06
sdS=1334.8
fwS=2.24
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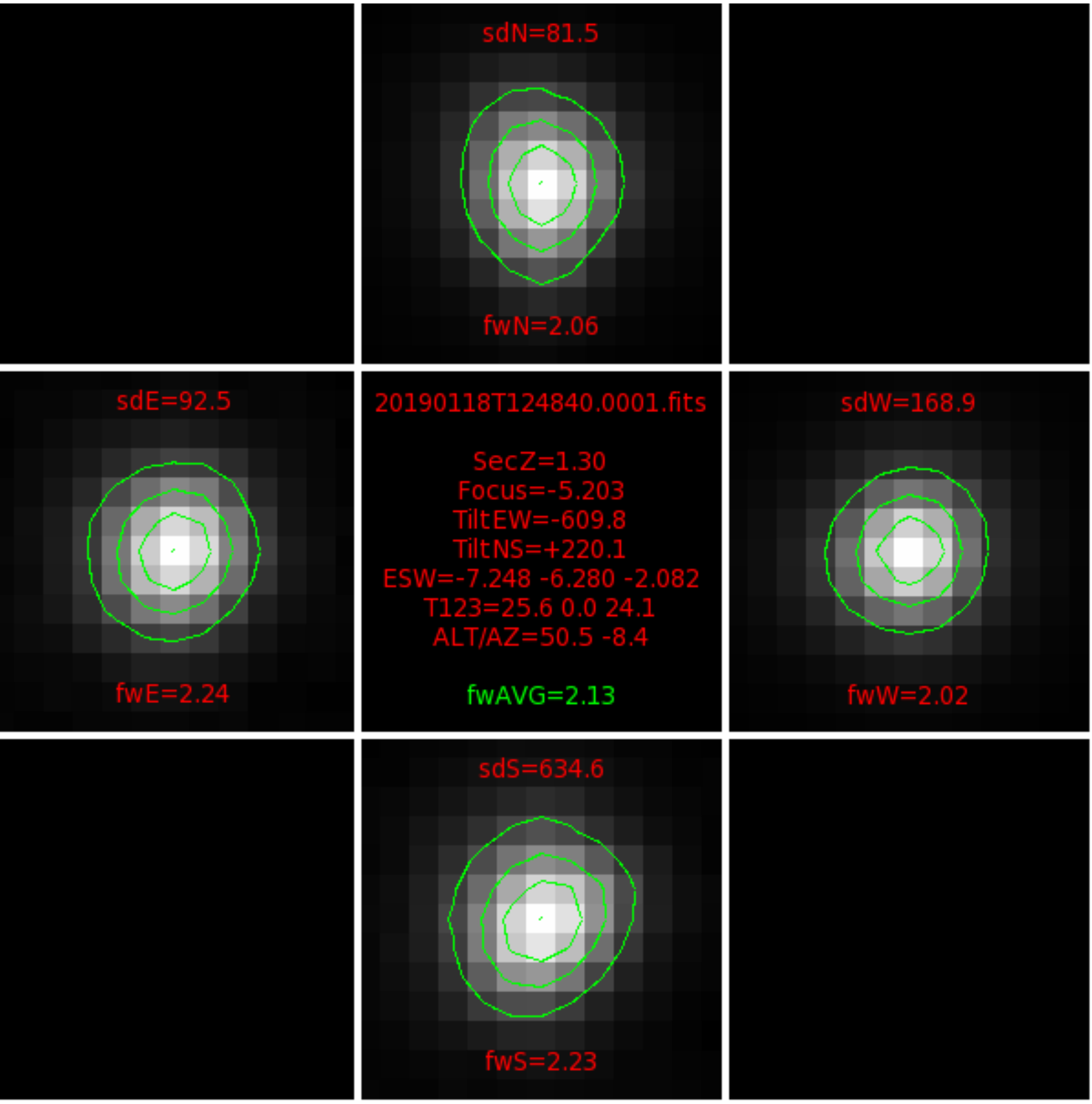
sdN=81.5
fwN=2.06
sdE=92.5
fwE=2.24
20190118T124840.0001.fits
SecZ=1.30
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=25.6 0.0 24.1
ALT/AZ=50.5 -8.4
fwAVG=2.13
sdW=168.9
fwW=2.02
sdS=634.6
fwS=2.23
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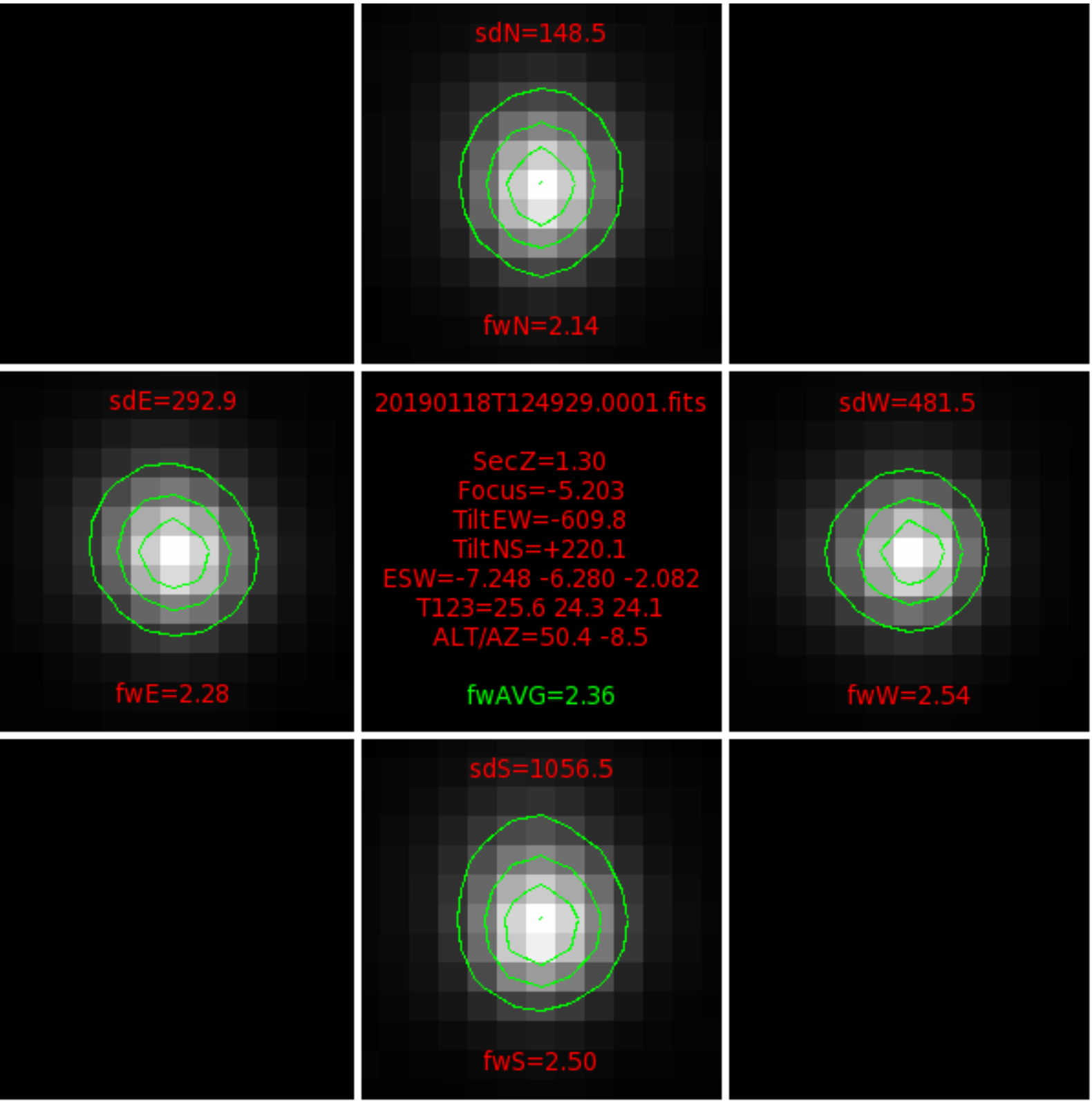
sdN=148.5
fwN=2.14
sdE=292.9
fwE=2.28
20190118T124929.0001.fits
SecZ=1.30
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=25.6 24.3 24.1
ALT/AZ=50.4 -8.5
fwAVG=2.36
sdW=481.5
fwW=2.54
sdS=1056.5
fwS=2.50
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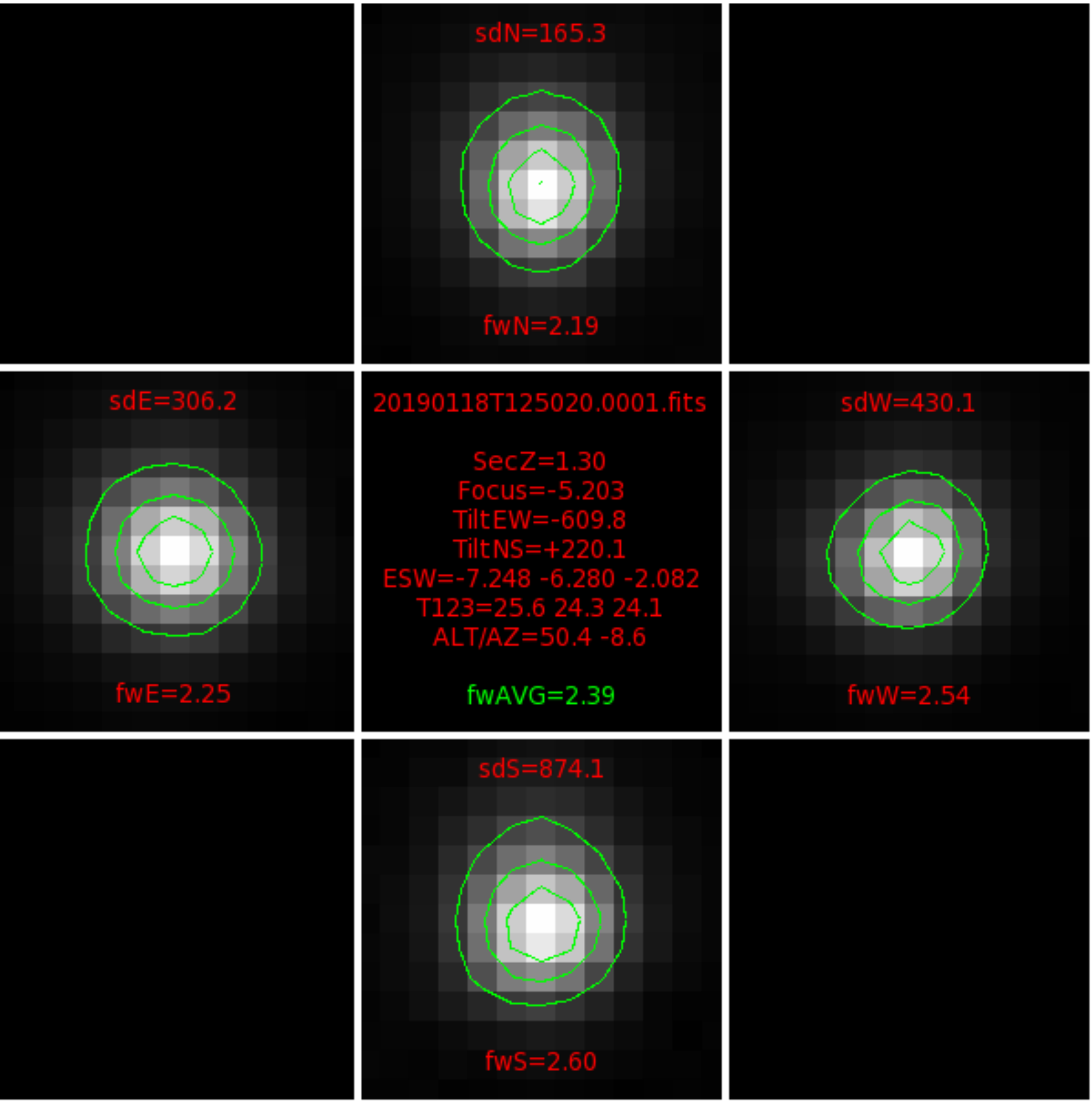
sdN=165.3
fwN=2.19
sdE=306.2
fwE=2.25
20190118T125020.0001.fits
SecZ=1.30
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=25.6 24.3 24.1
ALT/AZ=50.4 -8.6
fwAVG=2.39
sdW=430.1
fwW=2.54
sdS=874.1
fwS=2.60
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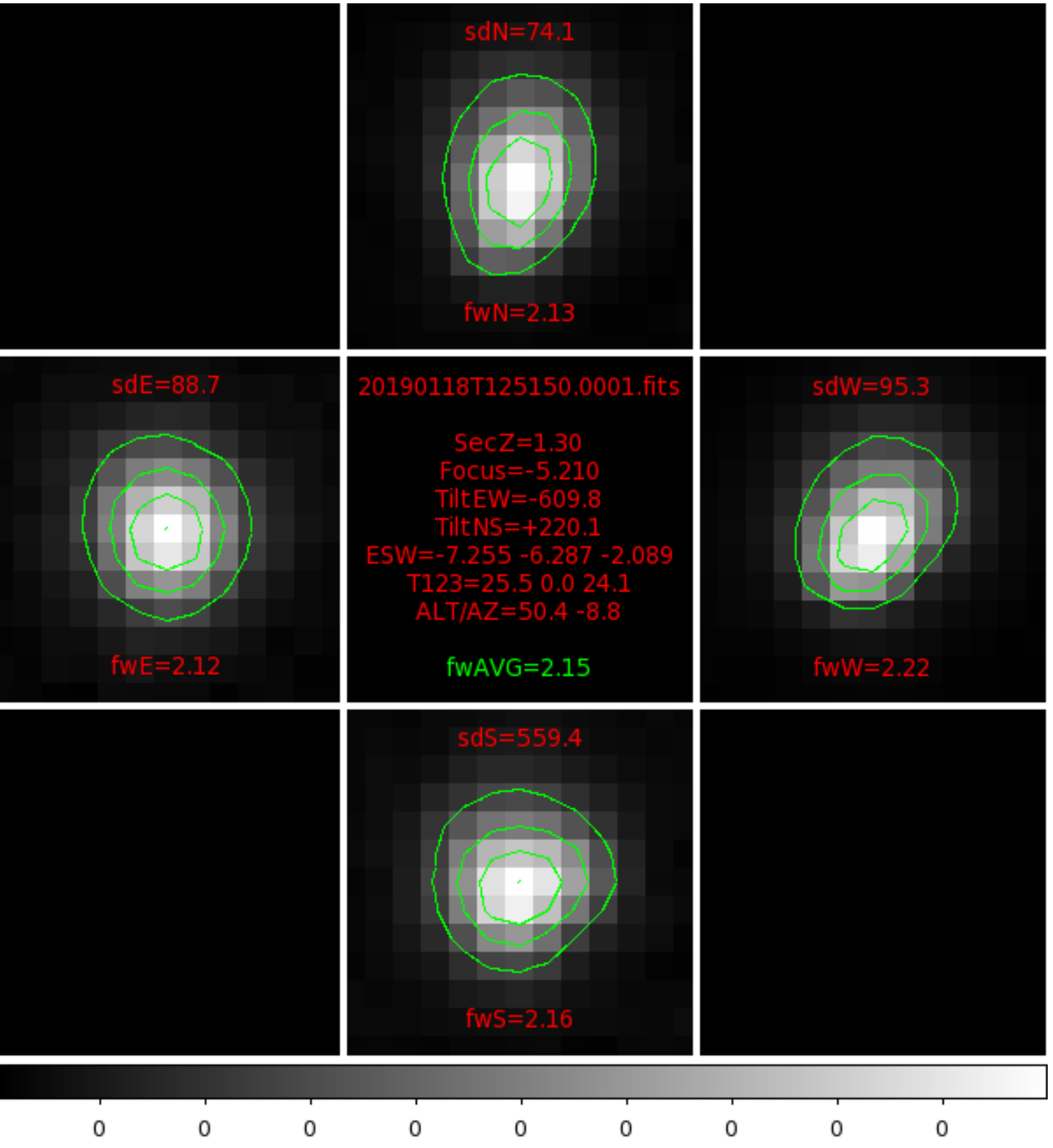
sdN=74.1
fwN=2.13
sdE=88.7
fwE=2.12
20190118T125150.0001.fits
SecZ=1.30
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.5 0.0 24.1
ALT/AZ=50.4 -8.8
fwAVG=2.15
sdW=95.3
fwW=2.22
sdS=559.4
fwS=2.16
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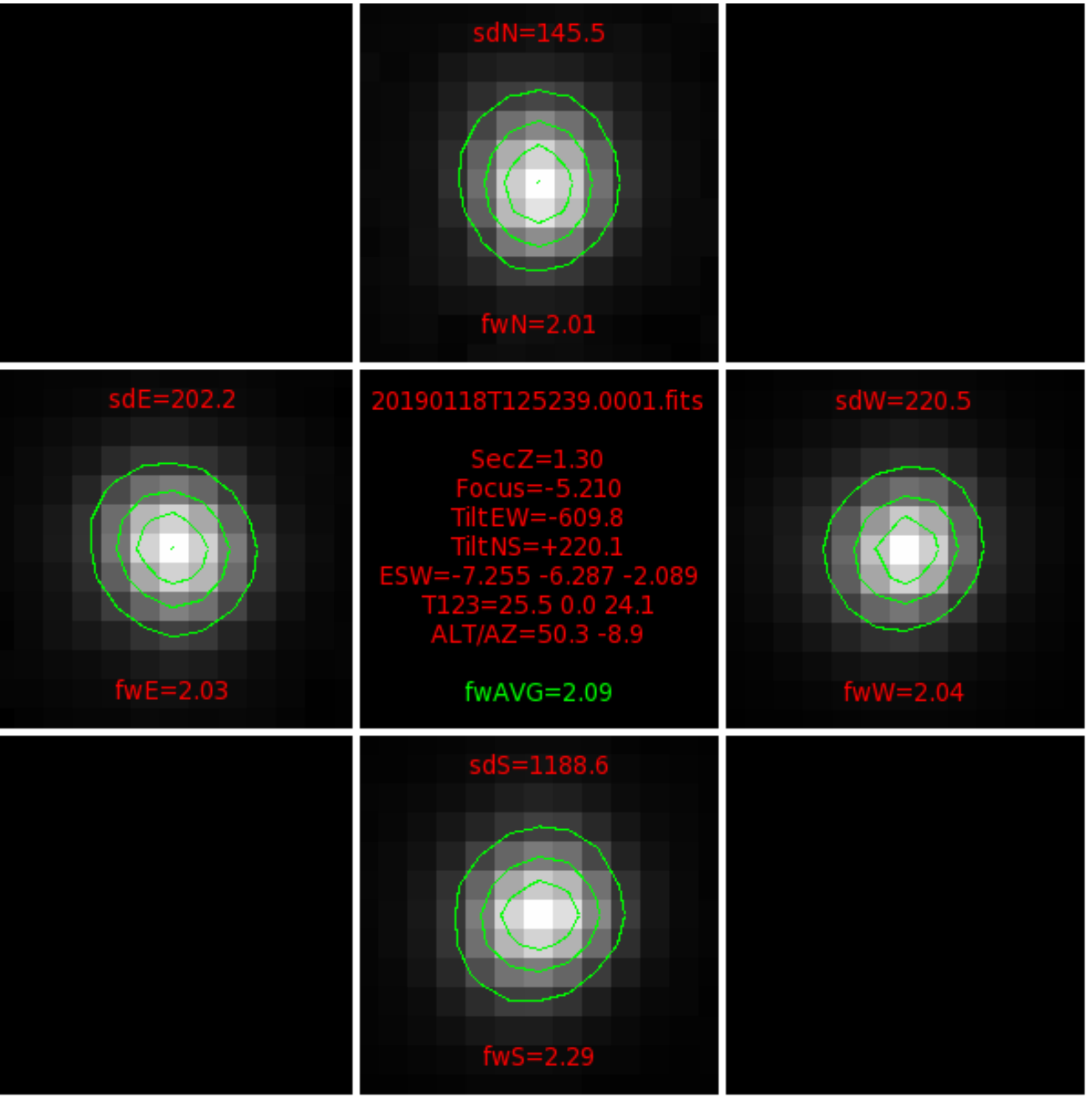
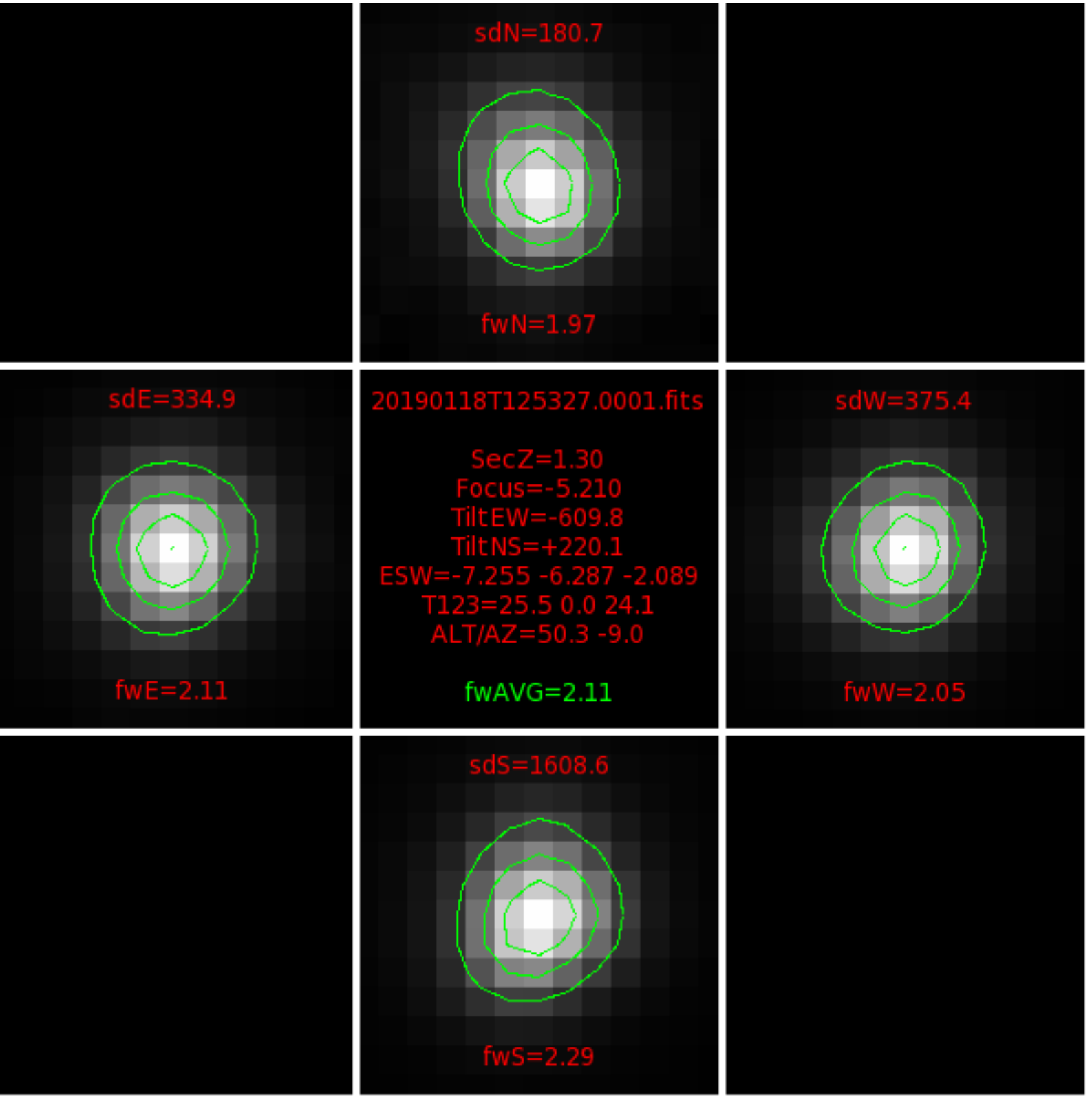

sdN=145.5
fwN=2.01
sdE=202.2
fwE=2.03
20190118T125239.0001.fits
SecZ=1.30
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.5 0.0 24.1
ALT/AZ=50.3 -8.9
fwAVG=2.09
sdW=220.5
fwW=2.04
sdS=1188.6
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=180.7
fwN=1.97
sdE=334.9
fwE=2.11
20190118T125327.0001.fits
SecZ=1.30
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.5 0.0 24.1
ALT/AZ=50.3 -9.0
fwAVG=2.11
sdW=375.4
fwW=2.05
sdS=1608.6
fwS=2.29
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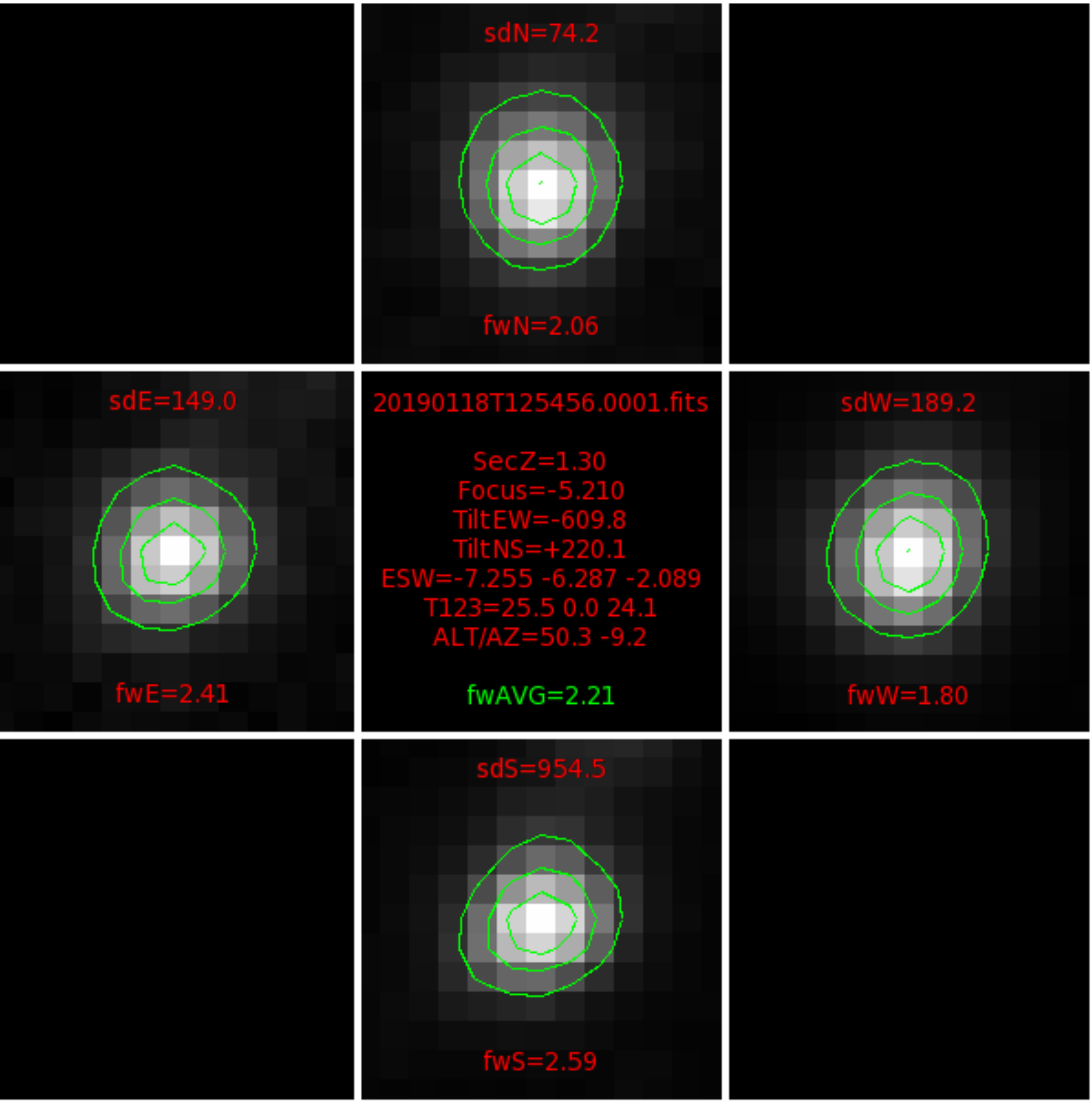
sdN=74.2
fwN=2.06
sdE=149.0
fwE=2.41
20190118T125456.0001.fits
SecZ=1.30
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.5 0.0 24.1
ALT/AZ=50.3 -9.2
fwAVG=2.21
sdW=189.2
fwW=1.80
sdS=954.5
fwS=2.59
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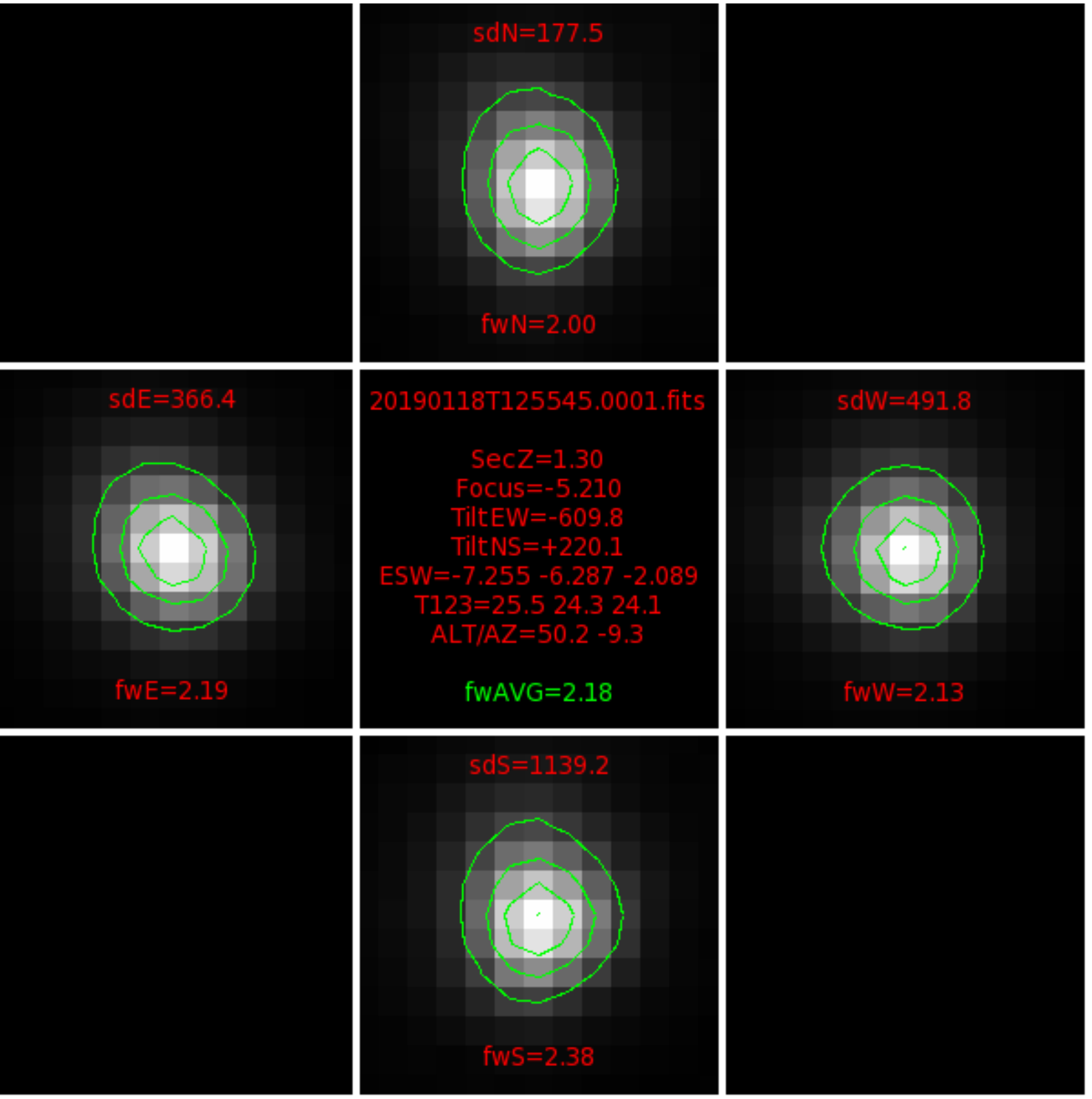
sdN=177.5
fwN=2.00
sdE=366.4
fwE=2.19
20190118T125545.0001.fits
SecZ=1.30
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.5 24.3 24.1
ALT/AZ=50.2 -9.3
fwAVG=2.18
sdW=491.8
fwW=2.13
sdS=1139.2
fwS=2.38
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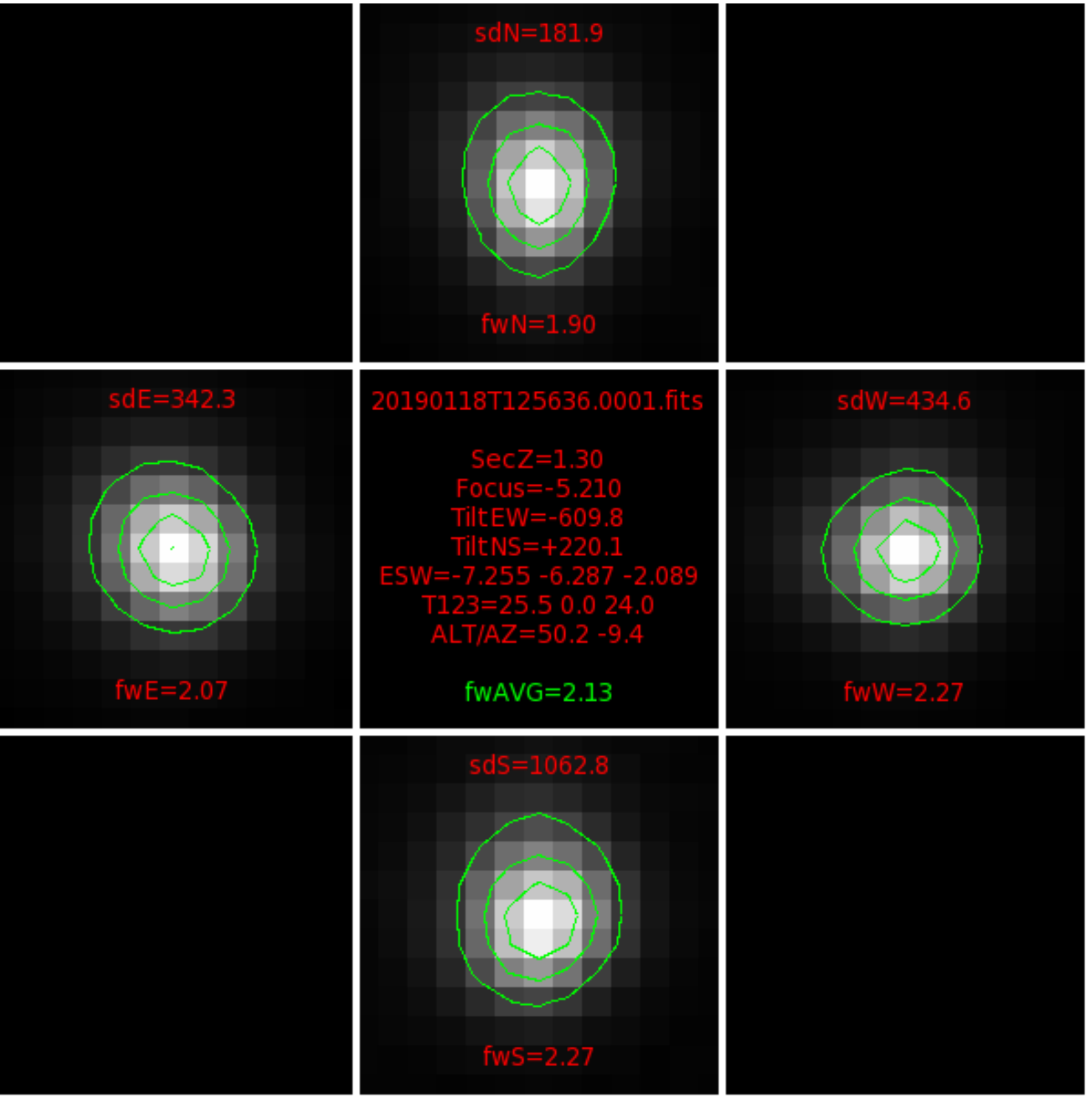
sdN=181.9
fwN=1.90
sdE=342.3
fwE=2.07
20190118T125636.0001.fits
SecZ=1.30
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.5 0.0 24.0
ALT/AZ=50.2 -9.4
fwAVG=2.13
sdW=434.6
fwW=2.27
sdS=1062.8
fwS=2.27
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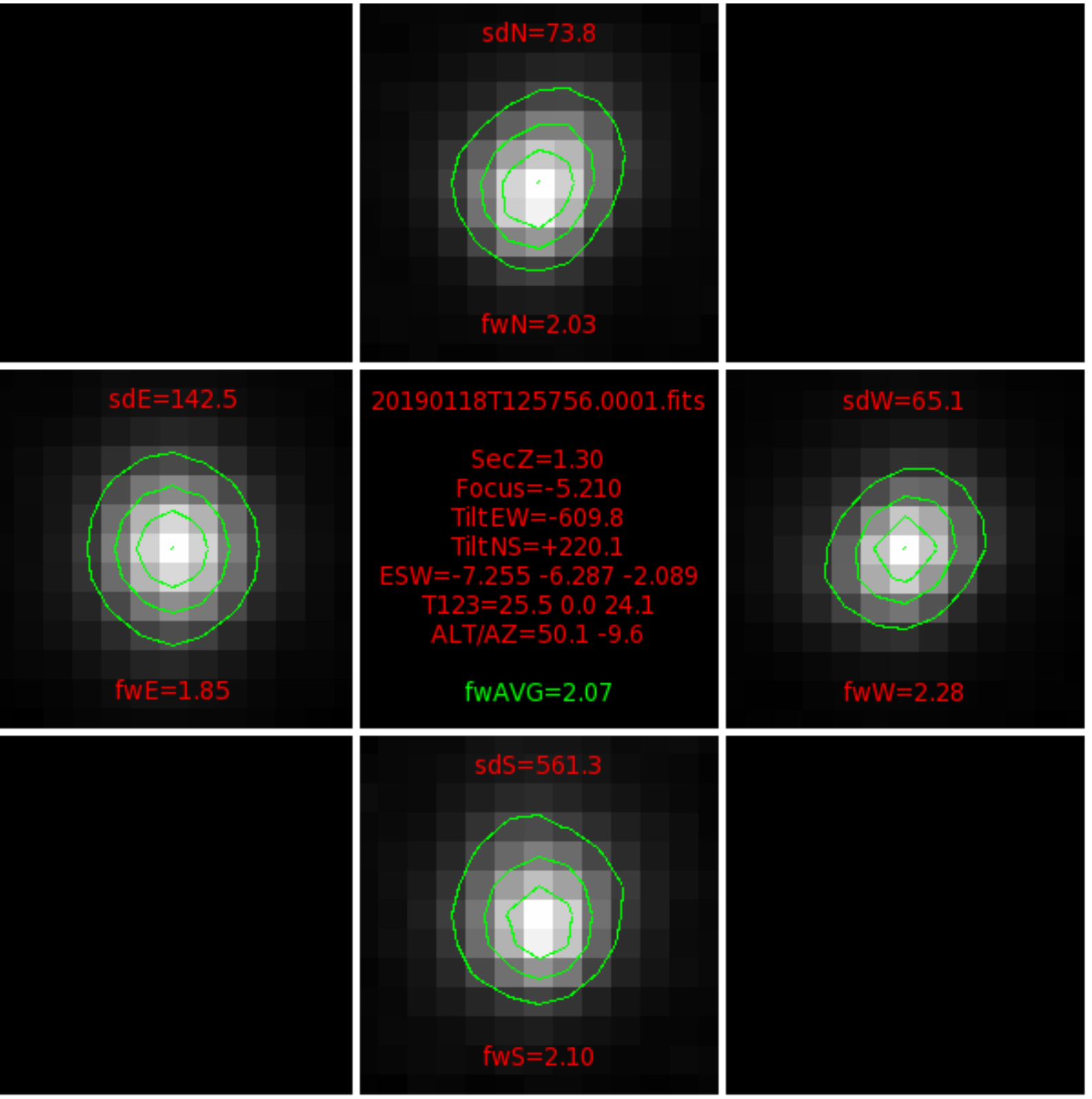
sdN=73.8
fwN=2.03
sdE=142.5
fwE=1.85
20190118T125756.0001.fits
SecZ=1.30
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.5 0.0 24.1
ALT/AZ=50.1 -9.6
fwAVG=2.07
sdW=65.1
fwW=2.28
sdS=561.3
fwS=2.10
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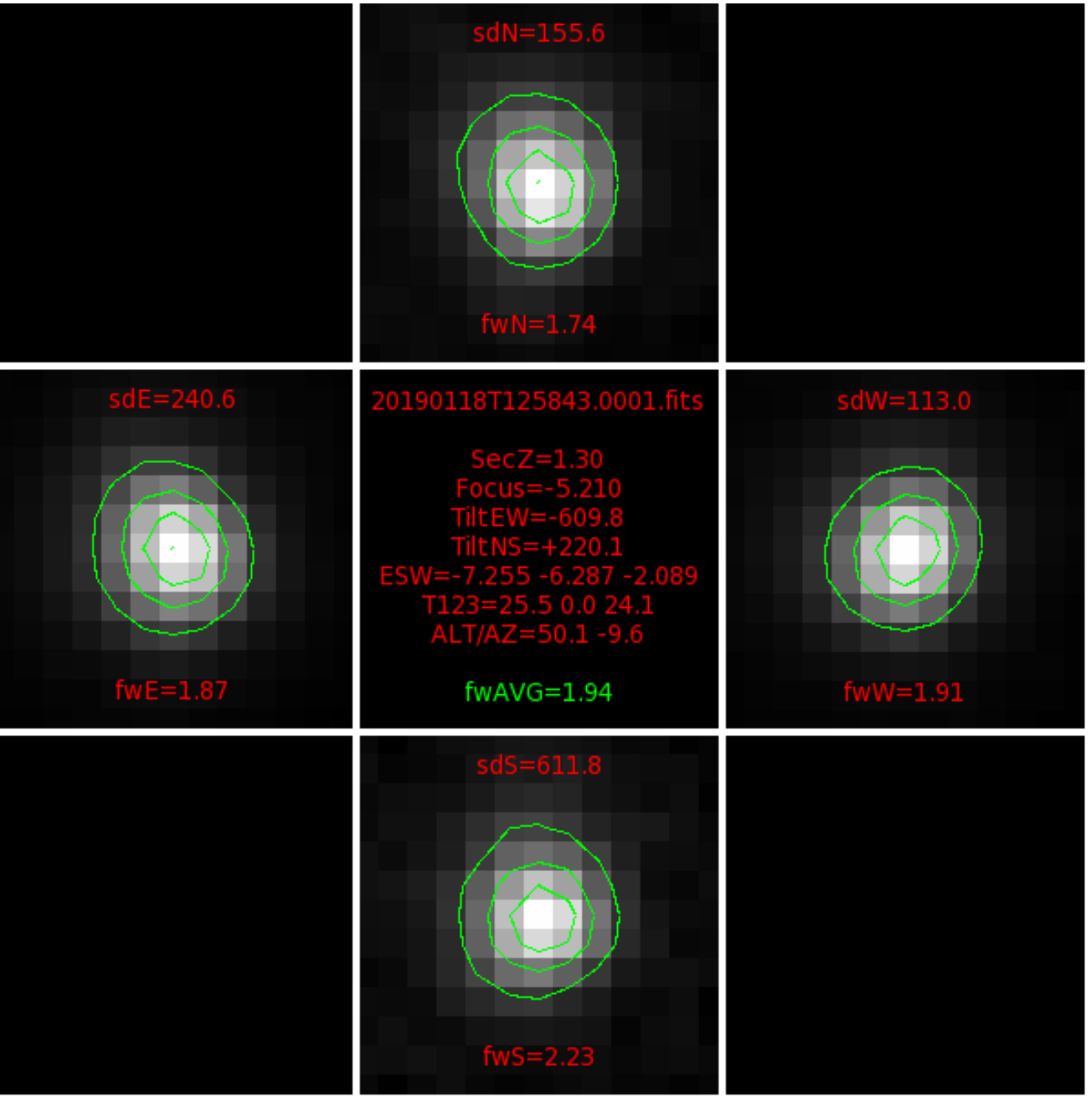
sdN=155.6
fwN=1.74
sdE=240.6
fwE=1.87
20190118T125843.0001.fits
SecZ=1.30
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.5 0.0 24.1
ALT/AZ=50.1 -9.6
fwAVG=1.94
sdW=113.0
fwW=1.91
sdS=611.8
fwS=2.23
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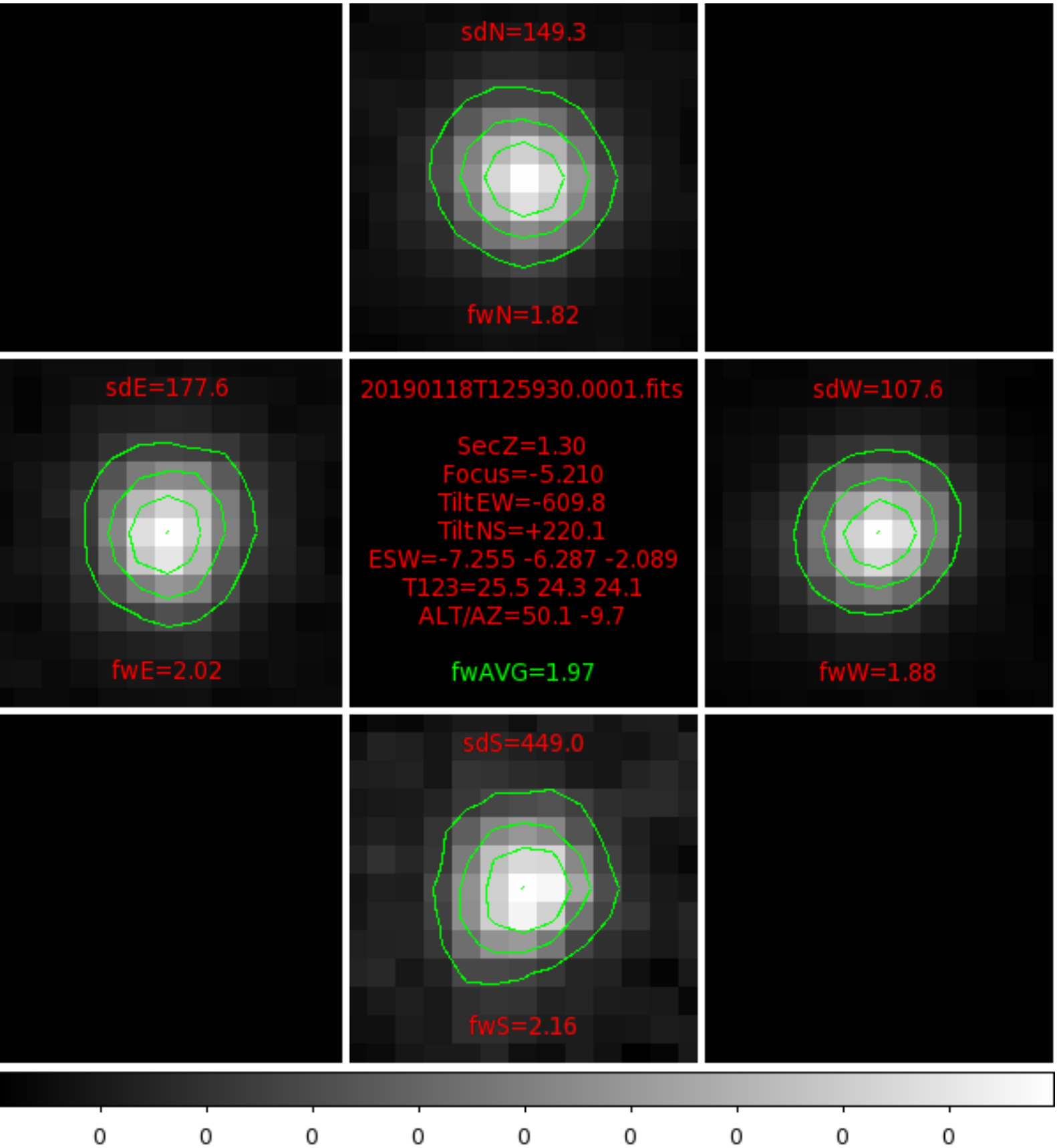
sdN=149.3
fwN=1.82
sdE=177.6
fwE=2.02
20190118T125930.0001.fits
SecZ=1.30
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.5 24.3 24.1
ALT/AZ=50.1 -9.7
fwAVG=1.97
sdW=107.6
fwW=1.88
sdS=449.0
fwS=2.16
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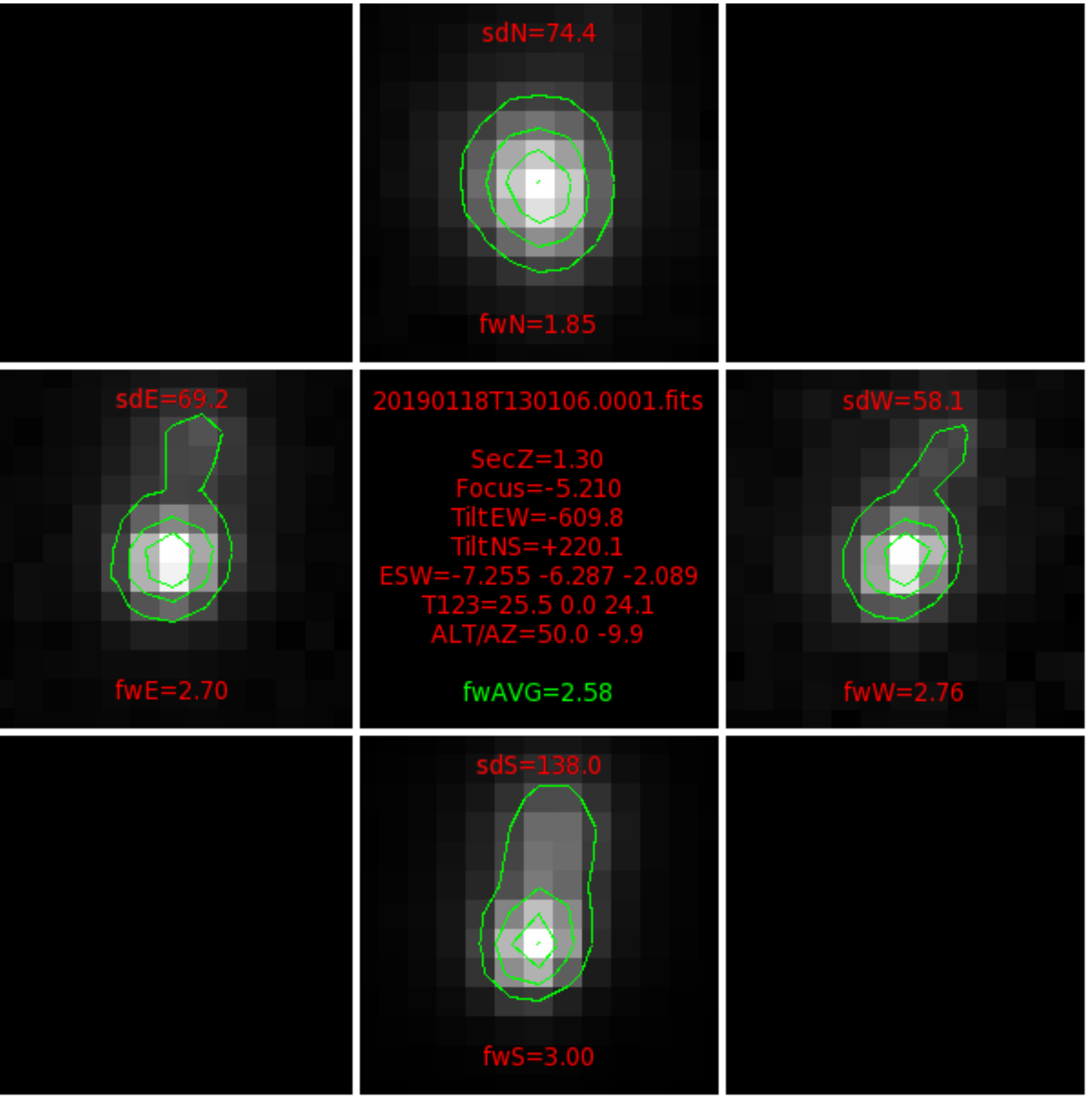
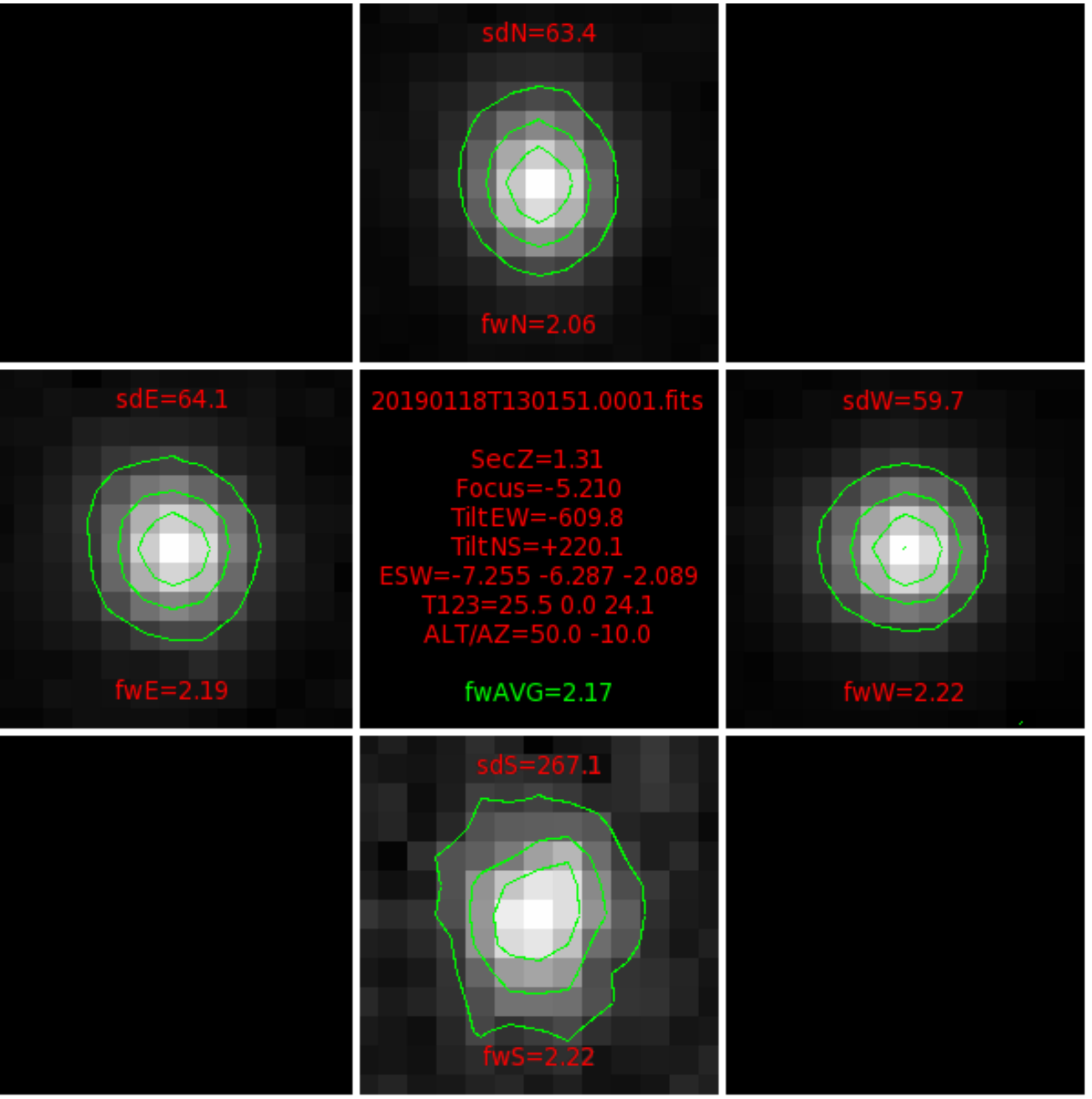

sdN=74.4
fwN=1.85
sdE=69.2
fwE=2.70
20190118T130106.0001.fits
SecZ=1.30
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.5 0.0 24.1
ALT/AZ=50.0 -9.9
fwAVG=2.58
sdW=58.1
fwW=2.76
sdS=138.0
fwS=3.00
0 0 0 0 0 0 0 0 0


sdN=63.4
fwN=2.06
sdE=64.1
fwE=2.19
20190118T130151.0001.fits
SecZ=1.31
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.5 0.0 24.1
ALT/AZ=50.0 -10.0
fwAVG=2.17
sdW=59.7
fwW=2.22
sdS=267.1
fwS=2.22
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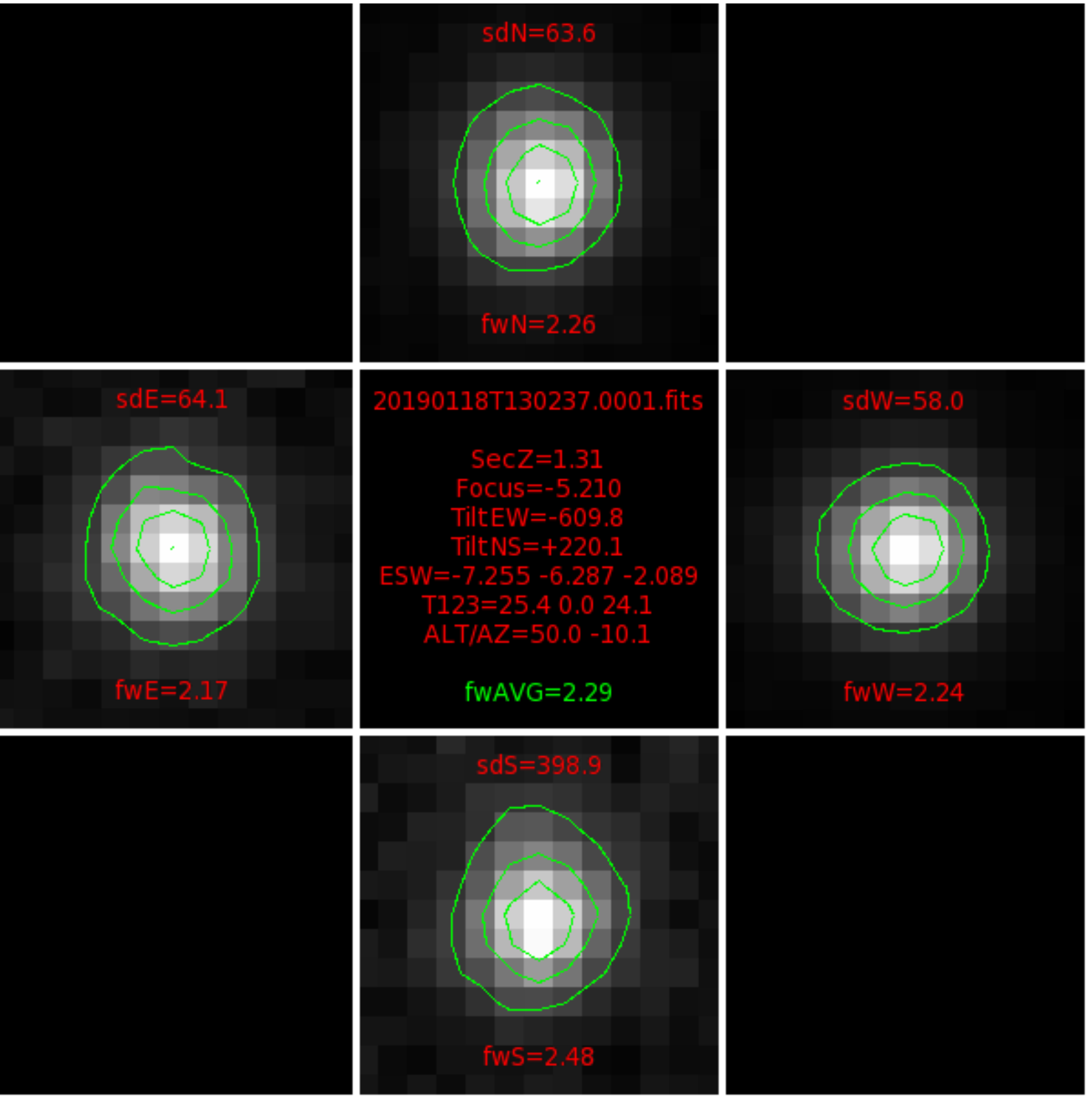
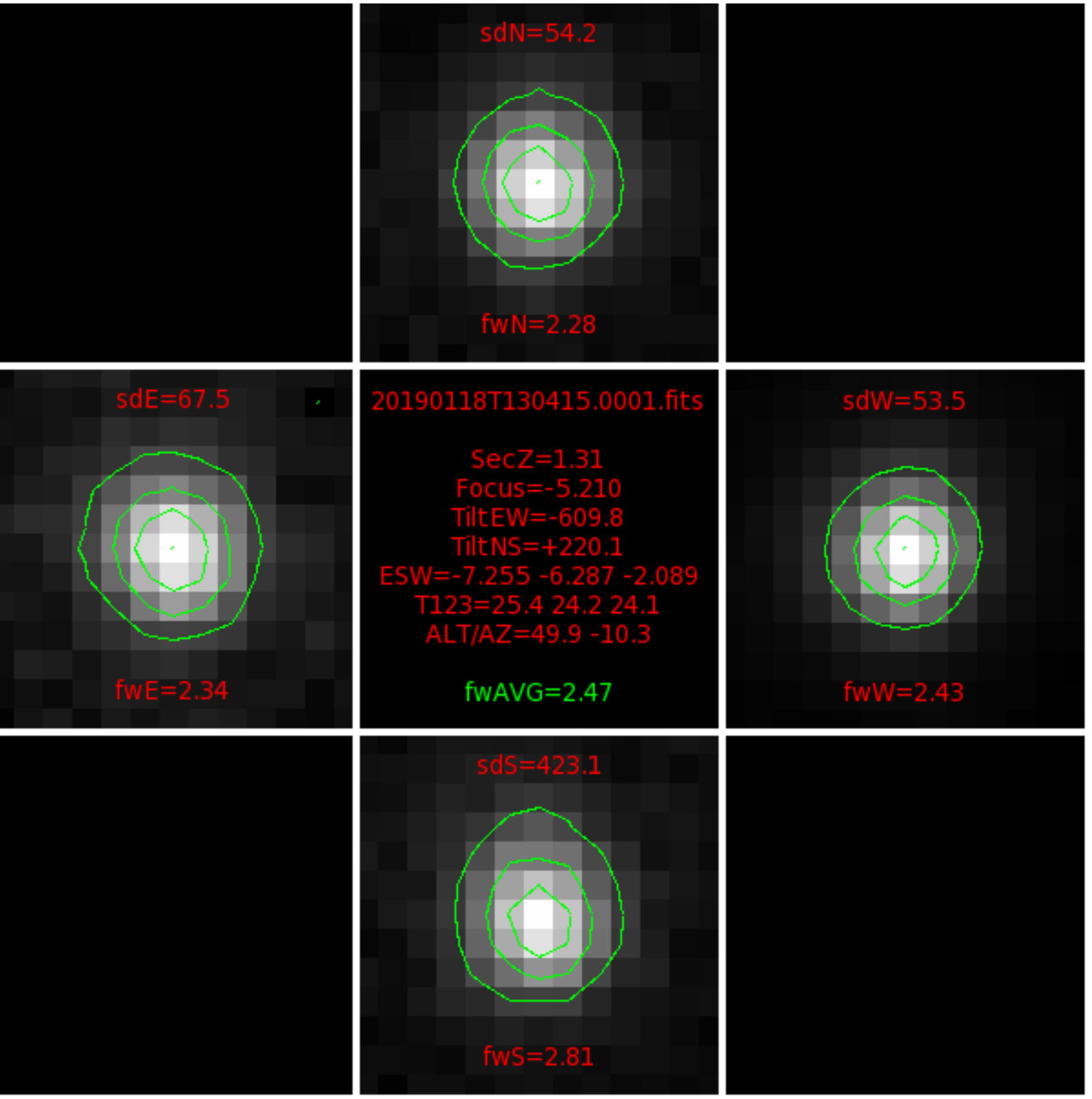
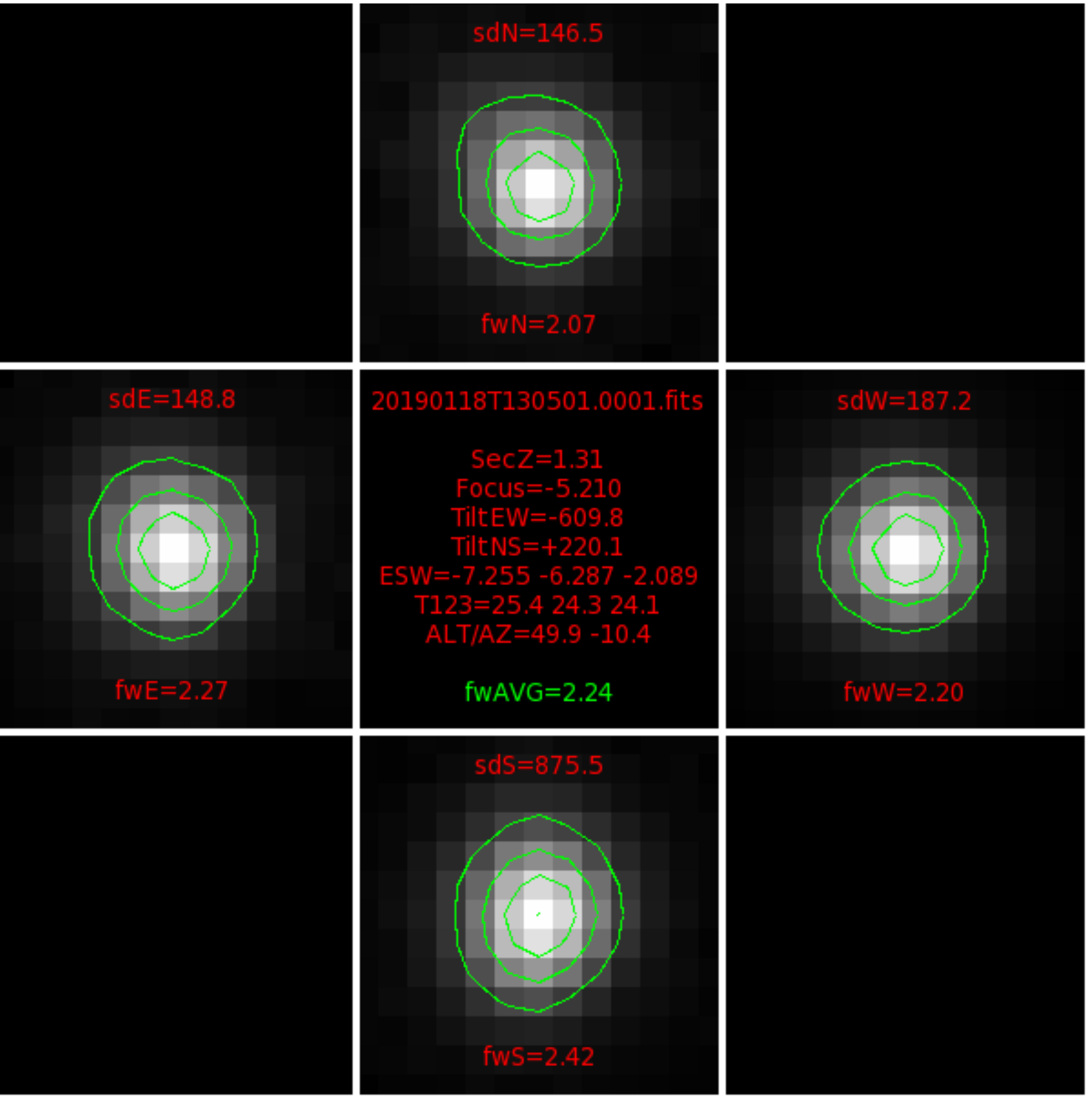

sdN=63.6
fwN=2.26
sdE=64.1
fwE=2.17
20190118T130237.0001.fits
SecZ=1.31
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.4 0.0 24.1
ALT/AZ=50.0 -10.1
fwAVG=2.29
sdW=58.0
fwW=2.24
sdS=398.9
fwS=2.48
0 0 0 0 0 0 0 0 0


sdN=54.2
fwN=2.28
sdE=67.5
fwE=2.34
20190118T130415.0001.fits
SecZ=1.31
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.4 24.2 24.1
ALT/AZ=49.9 -10.3
fwAVG=2.47
sdW=53.5
fwW=2.43
sdS=423.1
fwS=2.81
0 0 0 0 0 0 0 0 0


sdN=146.5
fwN=2.07
sdE=148.8
fwE=2.27
20190118T130501.0001.fits
SecZ=1.31
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.4 24.3 24.1
ALT/AZ=49.9 -10.4
fwAVG=2.24
sdW=187.2
fwW=2.20
sdS=875.5
fwS=2.42
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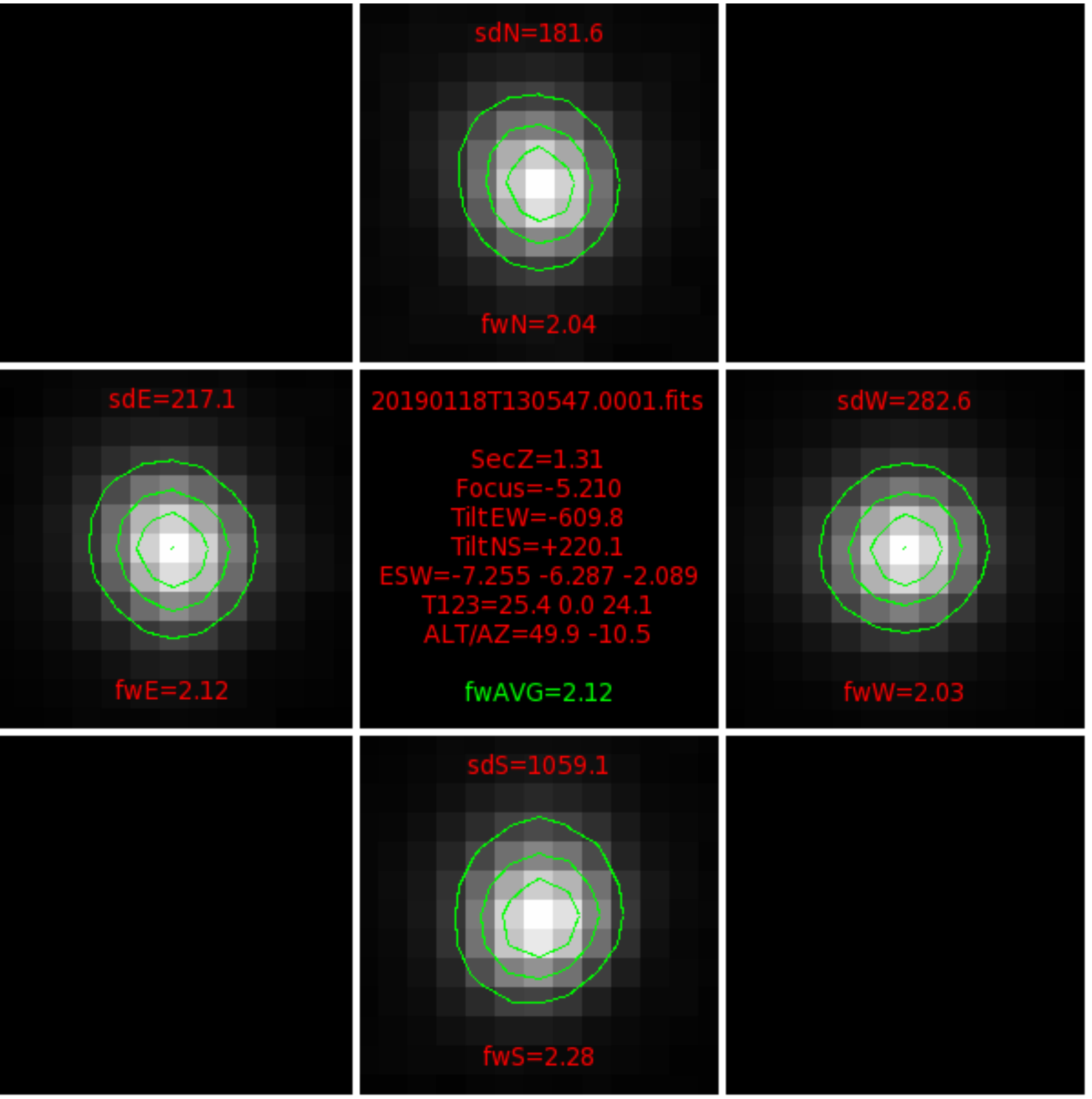
sdN=181.6
fwN=2.04
sdE=217.1
fwE=2.12
20190118T130547.0001.fits
SecZ=1.31
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.4 0.0 24.1
ALT/AZ=49.9 -10.5
fwAVG=2.12
sdW=282.6
fwW=2.03
sdS=1059.1
fwS=2.28
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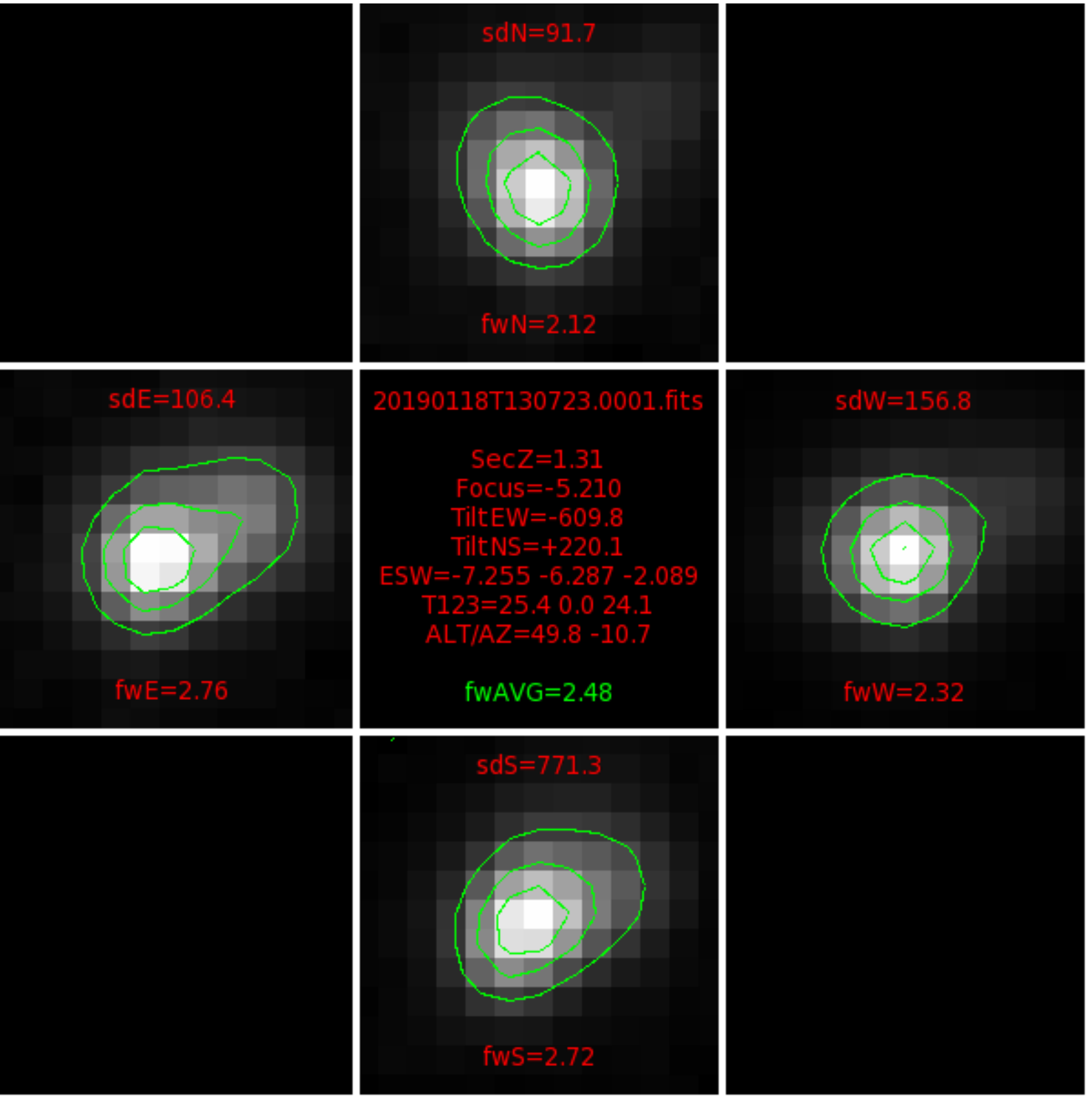
sdN=91.7
fwN=2.12
sdE=106.4
fwE=2.76
20190118T130723.0001.fits
SecZ=1.31
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.4 0.0 24.1
ALT/AZ=49.8 -10.7
fwAVG=2.48
sdW=156.8
fwW=2.32
sdS=771.3
fwS=2.72
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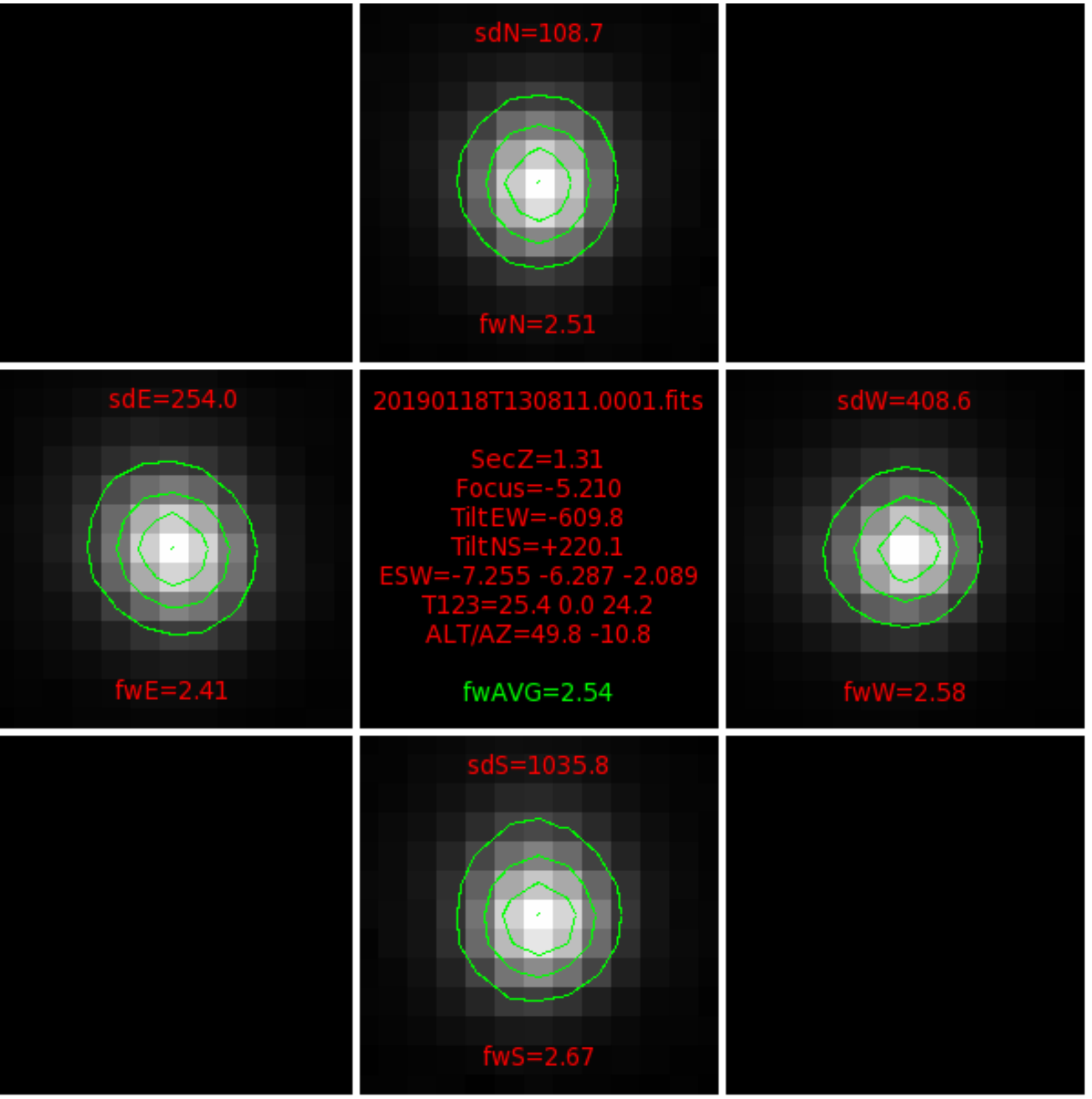
sdN=108.7
fwN=2.51
sdE=254.0
fwE=2.41
20190118T130811.0001.fits
SecZ=1.31
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.4 0.0 24.2
ALT/AZ=49.8 -10.8
fwAVG=2.54
sdW=408.6
fwW=2.58
sdS=1035.8
fwS=2.67
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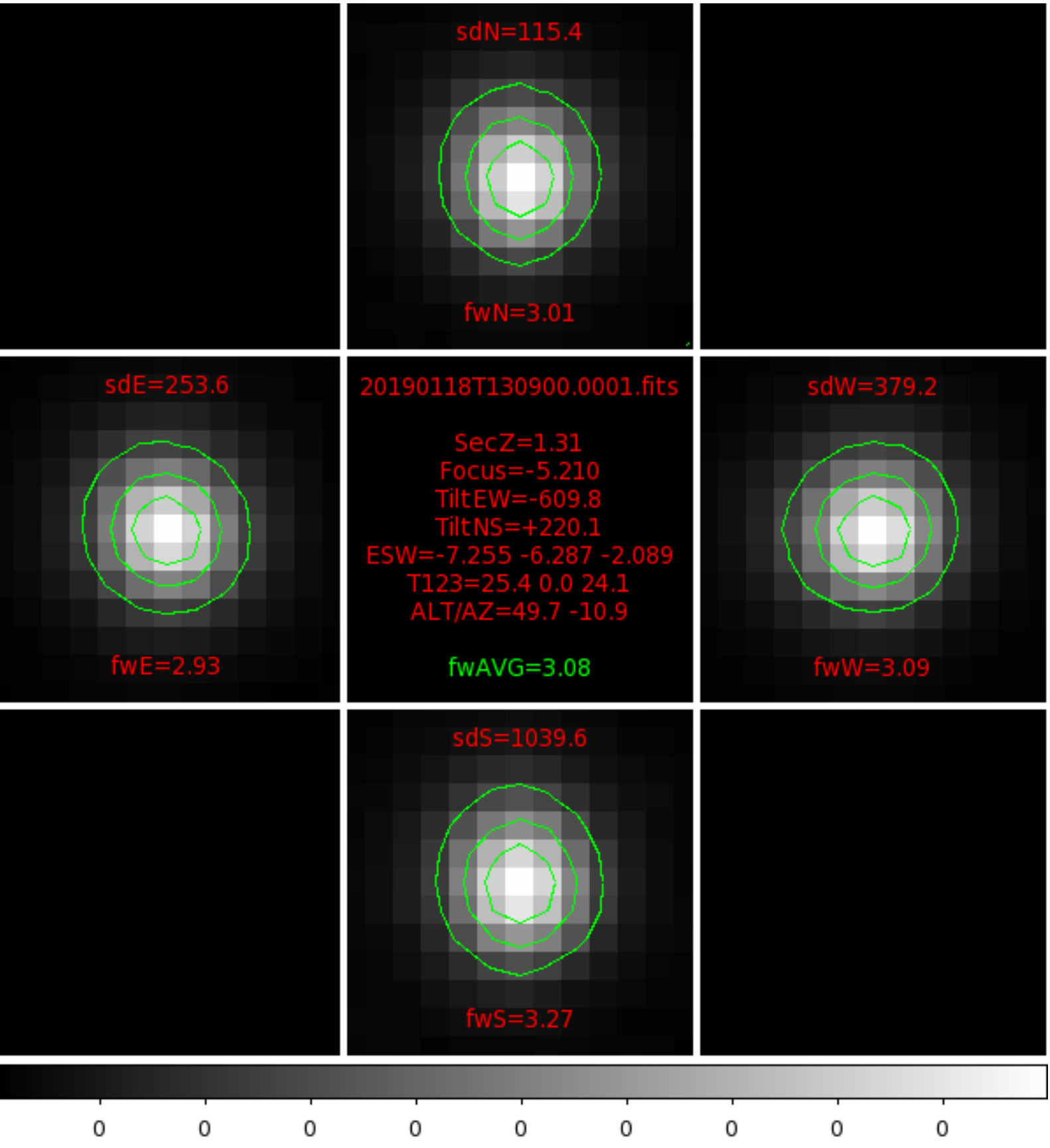
sdN=115.4
fwN=3.01
sdE=253.6
fwE=2.93
20190118T130900.0001.fits
SecZ=1.31
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.4 0.0 24.1
ALT/AZ=49.7 -10.9
fwAVG=3.08
sdW=379.2
fwW=3.09
sdS=1039.6
fwS=3.27
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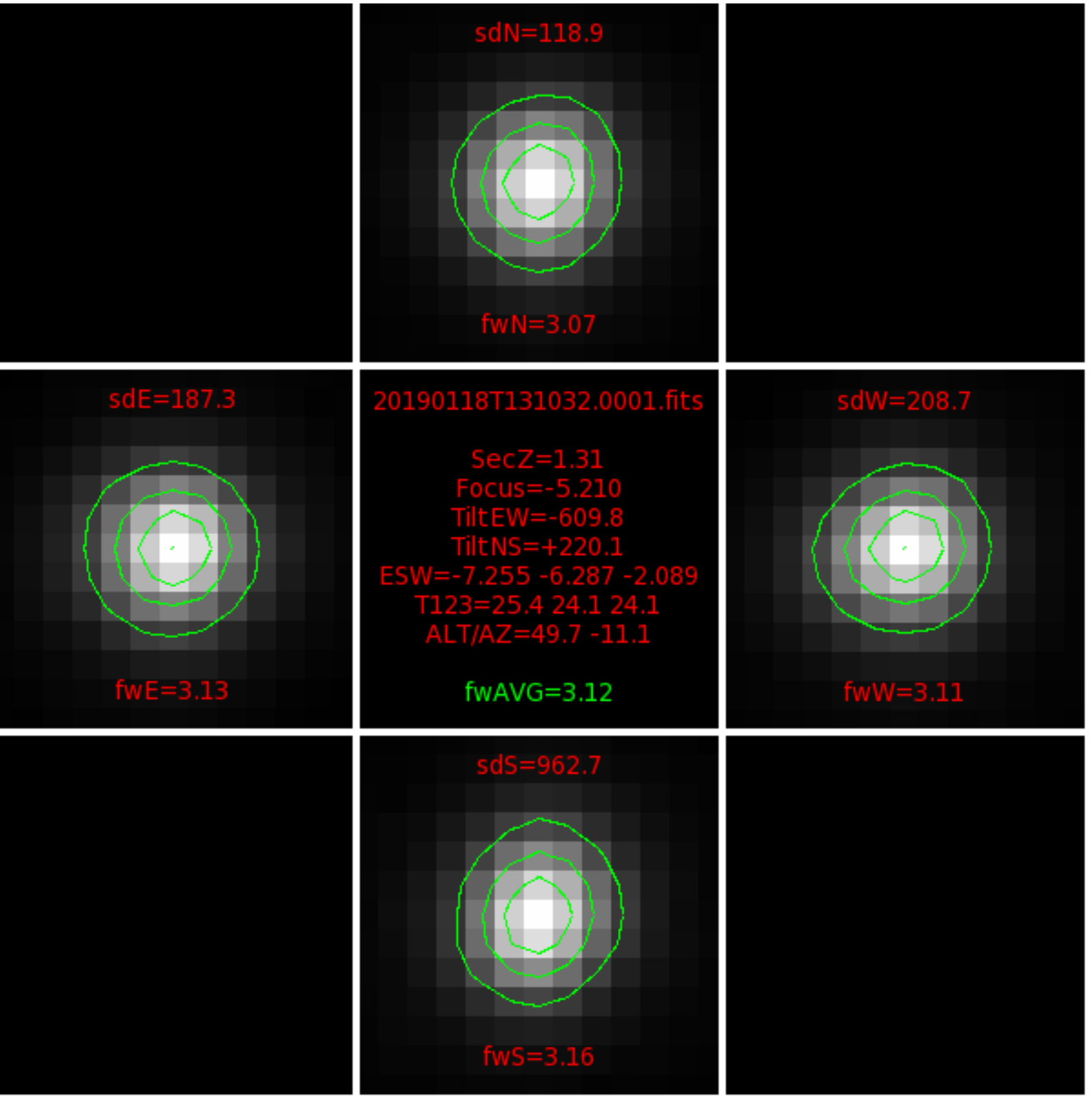
sdN=118.9
fwN=3.07
sdE=187.3
fwE=3.13
20190118T131032.0001.fits
SecZ=1.31
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.4 24.1 24.1
ALT/AZ=49.7 -11.1
fwAVG=3.12
sdW=208.7
fwW=3.11
sdS=962.7
fwS=3.16
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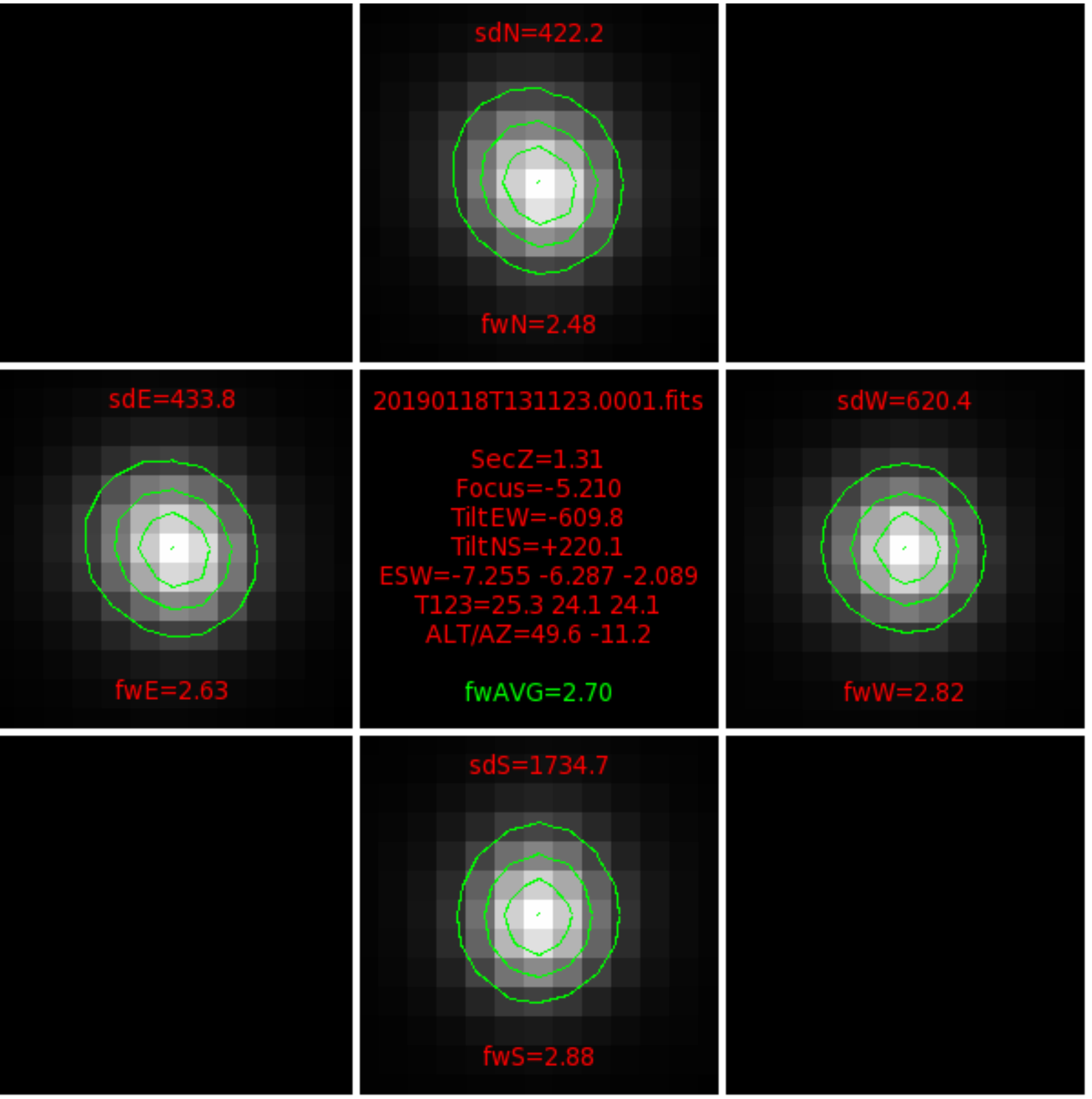
sdN=422.2
fwN=2.48
sdE=433.8
fwE=2.63
20190118T131123.0001.fits
SecZ=1.31
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.3 24.1 24.1
ALT/AZ=49.6 -11.2
fwAVG=2.70
sdW=620.4
fwW=2.82
sdS=1734.7
fwS=2.88
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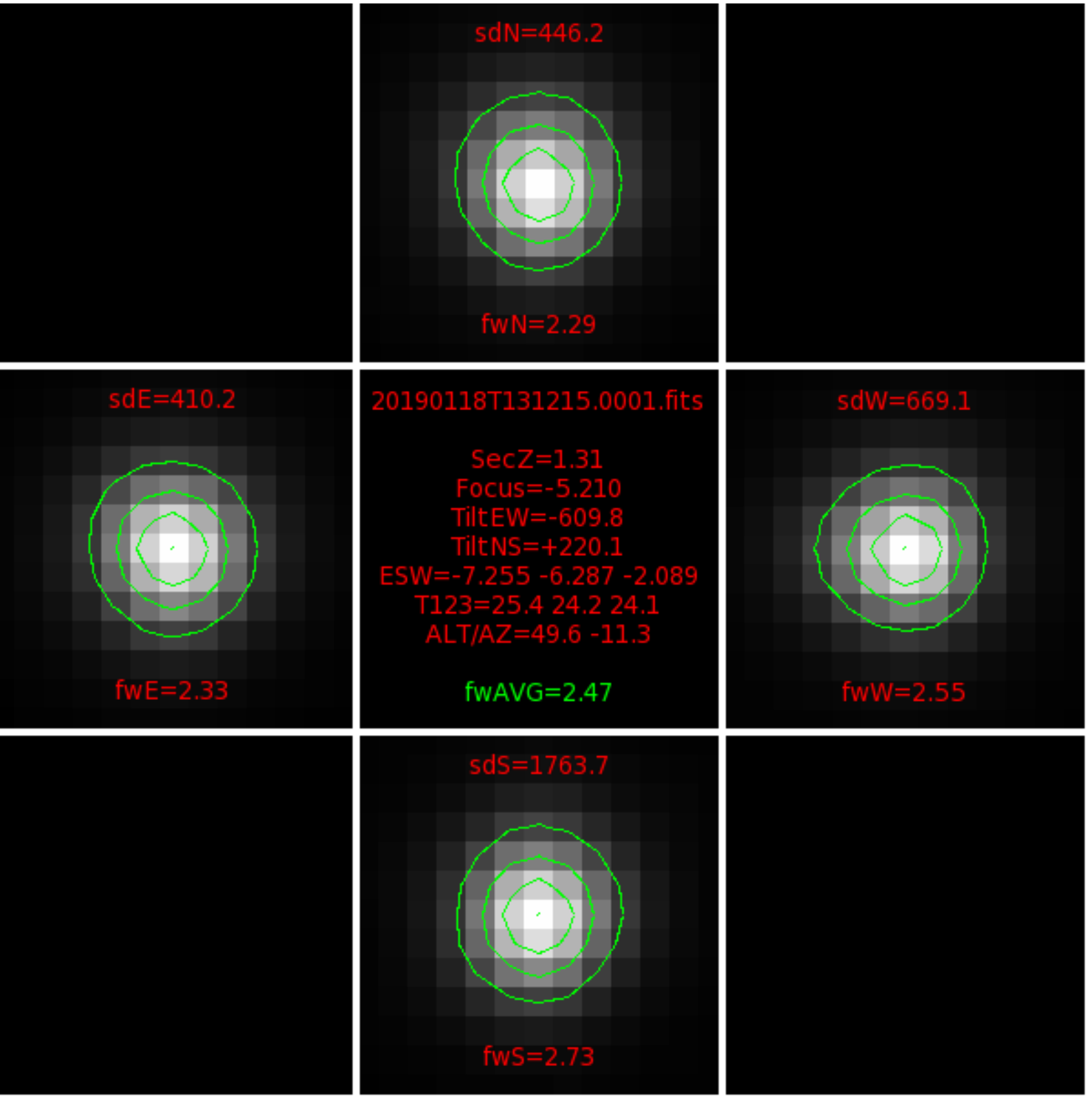
sdN=446.2
fwN=2.29
sdE=410.2
fwE=2.33
20190118T131215.0001.fits
SecZ=1.31
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.4 24.2 24.1
ALT/AZ=49.6 -11.3
fwAVG=2.47
sdW=669.1
fwW=2.55
sdS=1763.7
fwS=2.73
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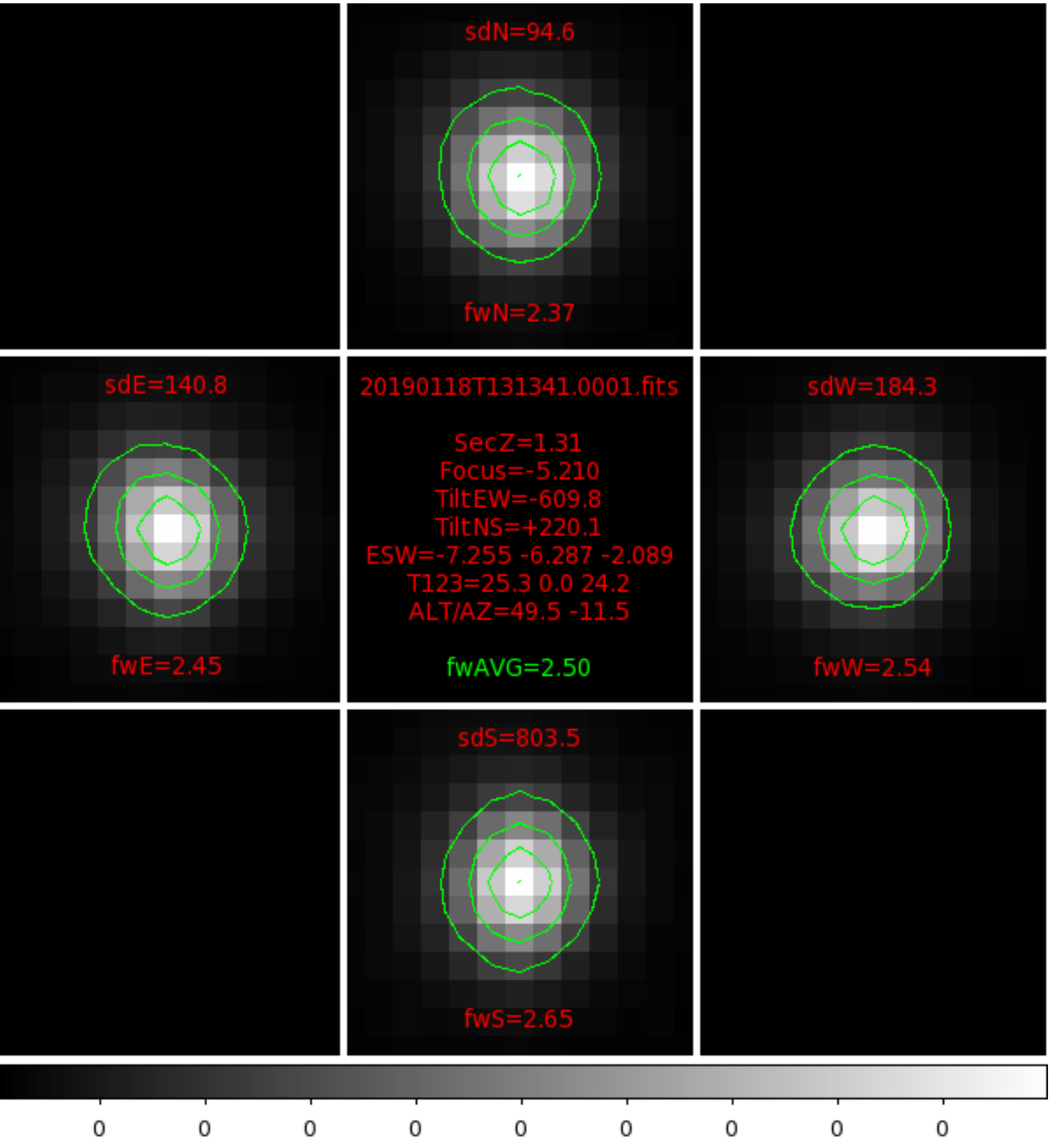
sdN=94.6
fwN=2.37
sdE=140.8
fwE=2.45
20190118T131341.0001.fits
SecZ=1.31
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.3 0.0 24.2
ALT/AZ=49.5 -11.5
fwAVG=2.50
sdW=184.3
fwW=2.54
sdS=803.5
fwS=2.65
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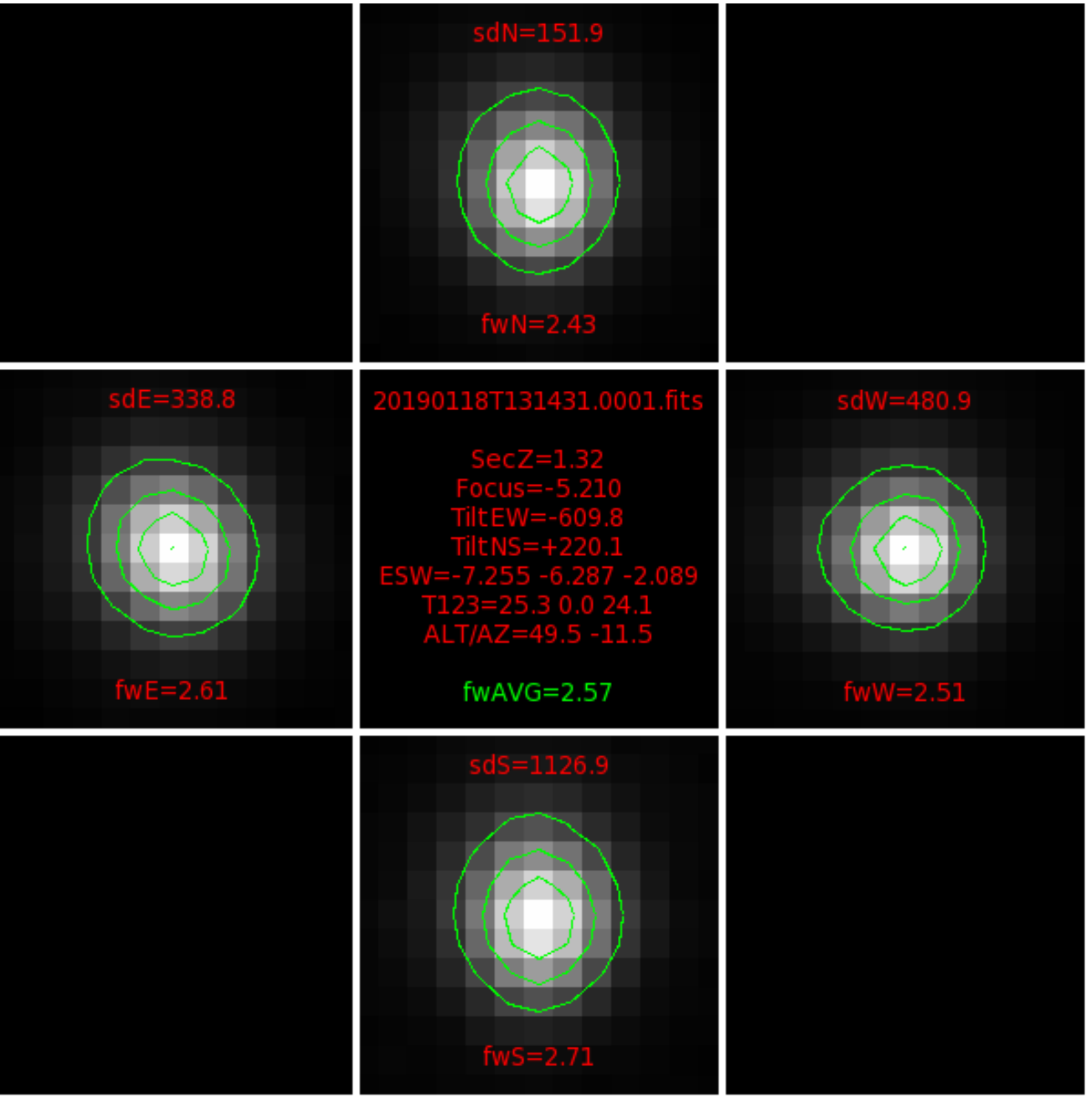
sdN=151.9
fwN=2.43
sdE=338.8
fwE=2.61
20190118T131431.0001.fits
SecZ=1.32
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.3 0.0 24.1
ALT/AZ=49.5 -11.5
fwAVG=2.57
sdW=480.9
fwW=2.51
sdS=1126.9
fwS=2.71
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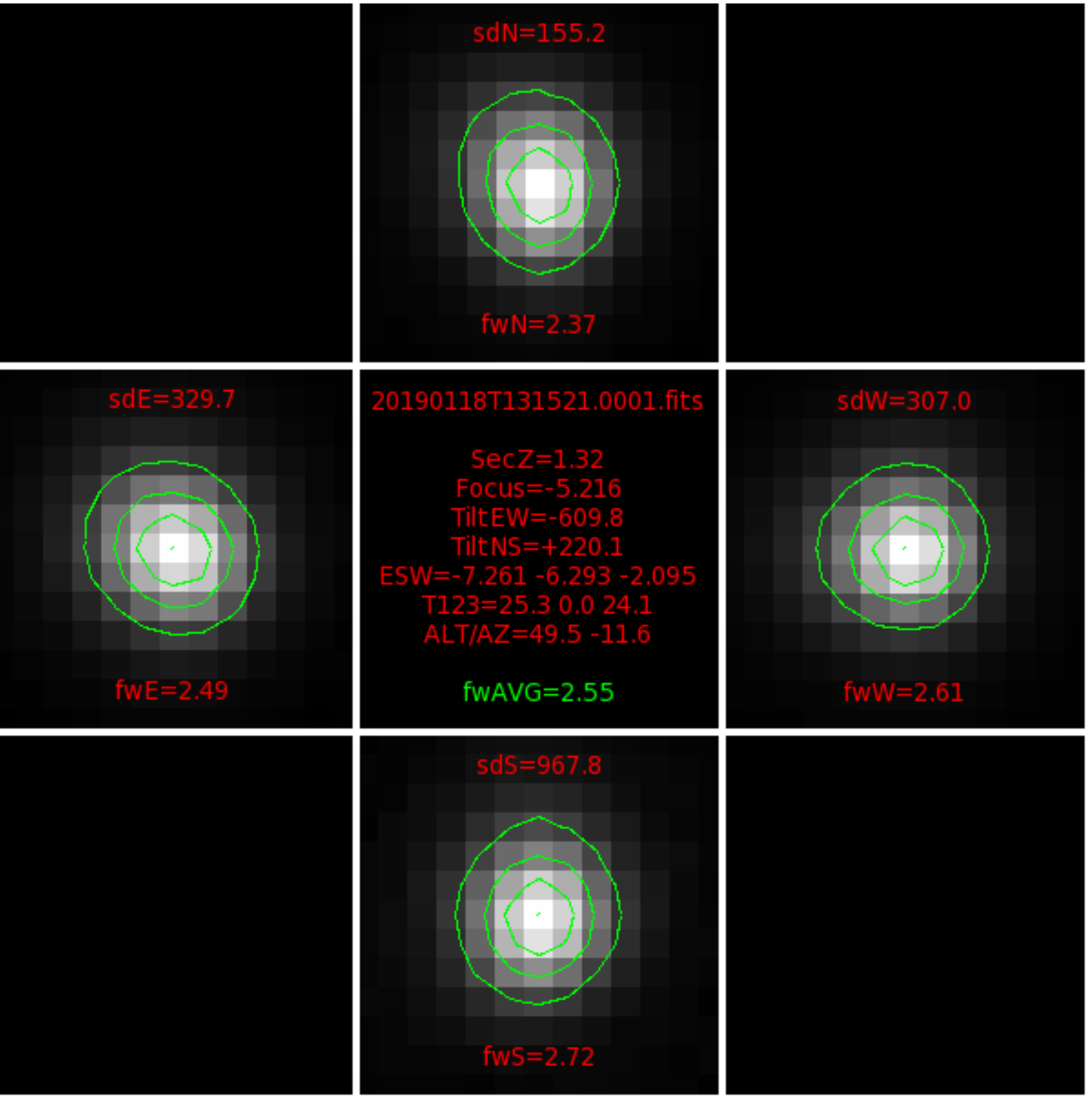
sdN=155.2
fwN=2.37
sdE=329.7
fwE=2.49
20190118T131521.0001.fits
SecZ=1.32
Focus=-5.216
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.261 -6.293 -2.095
T123=25.3 0.0 24.1
ALT/AZ=49.5 -11.6
fwAVG=2.55
sdW=307.0
fwW=2.61
sdS=967.8
fwS=2.72
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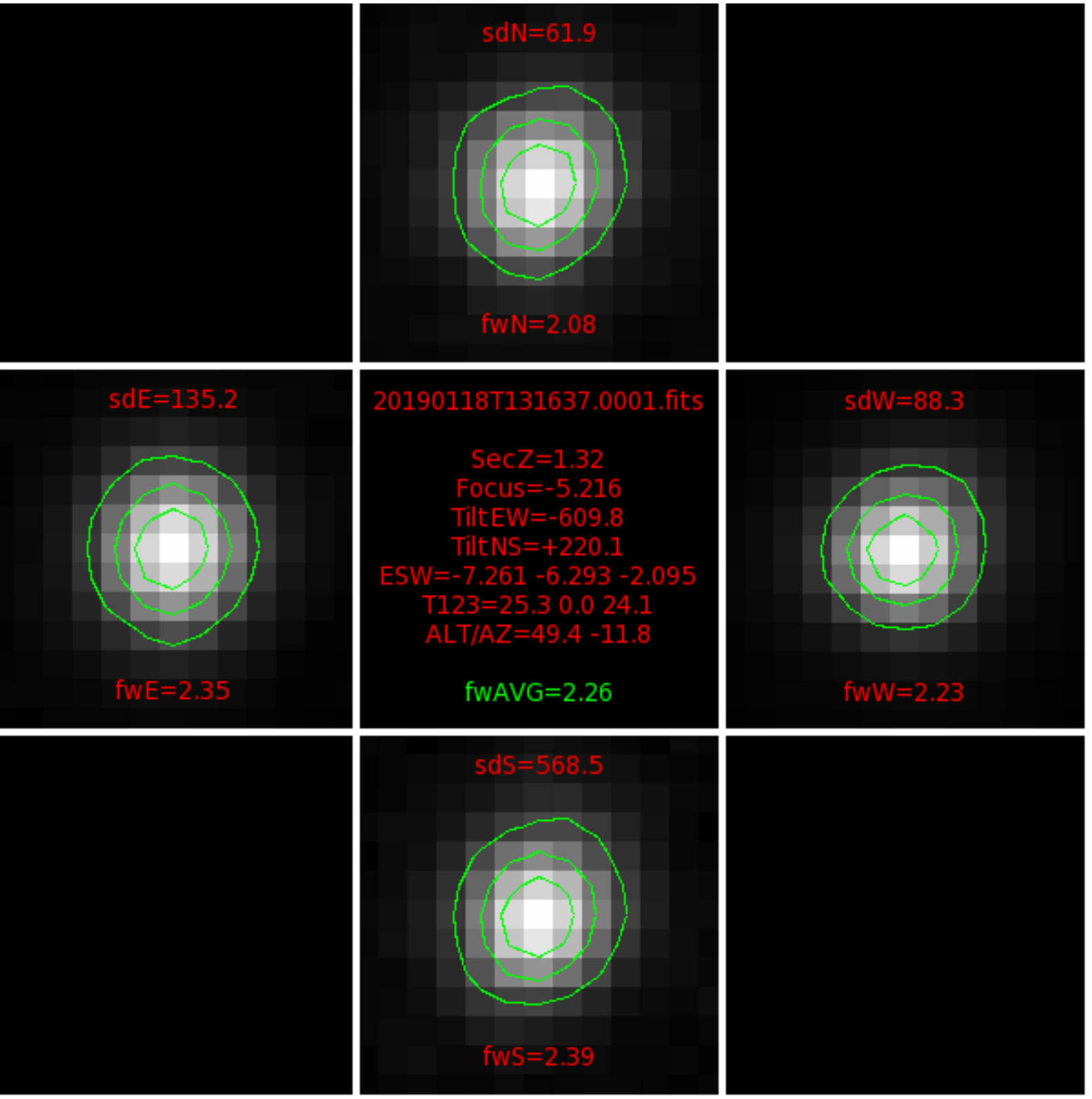
sdN=61.9
fwN=2.08
sdE=135.2
fwE=2.35
20190118T131637.0001.fits
SecZ=1.32
Focus=-5.216
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.261 -6.293 -2.095
T123=25.3 0.0 24.1
ALT/AZ=49.4 -11.8
fwAVG=2.26
sdW=88.3
fwW=2.23
sdS=568.5
fwS=2.39
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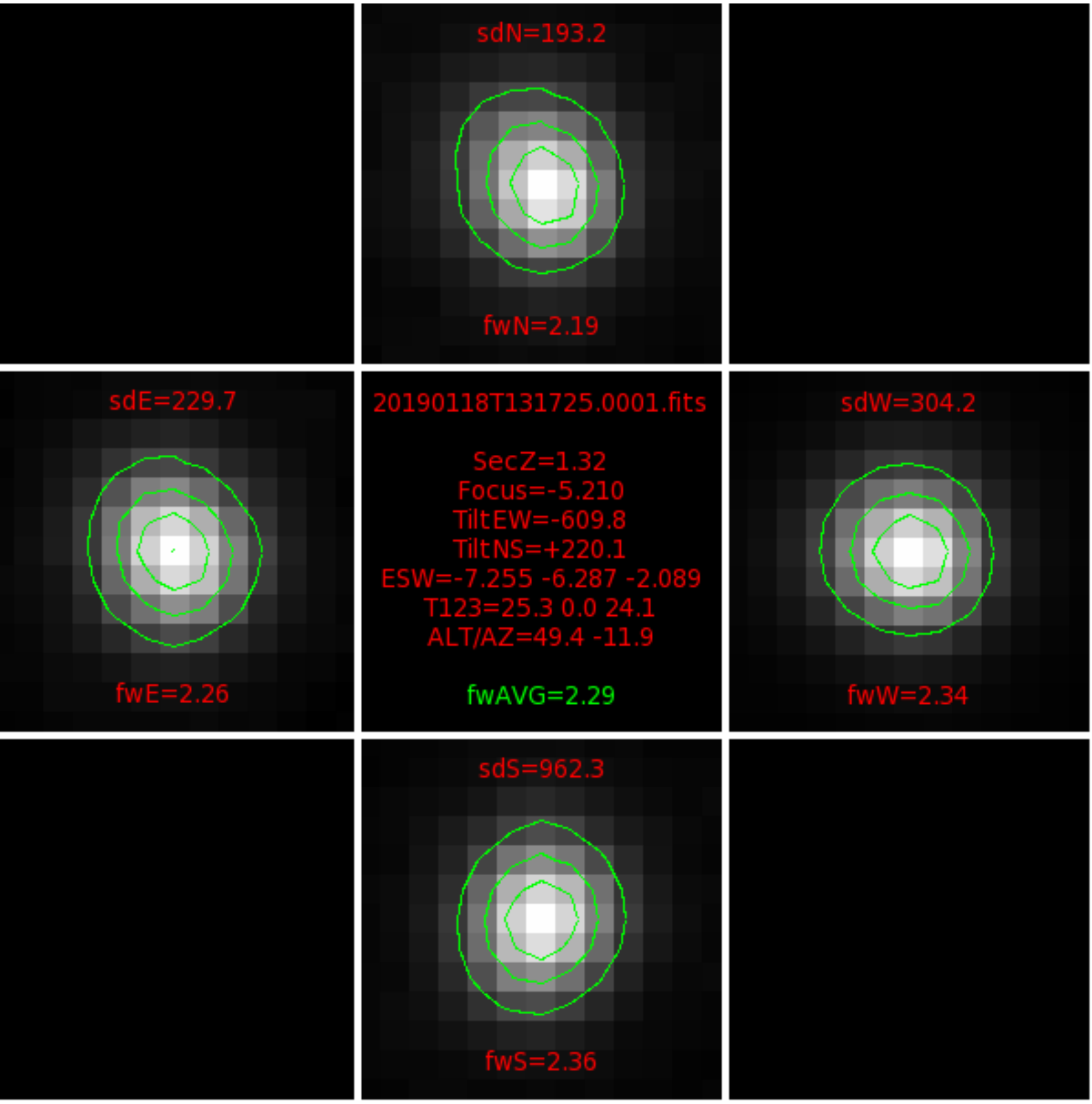
sdN=193.2
fwN=2.19
sdE=229.7
fwE=2.26
20190118T131725.0001.fits
SecZ=1.32
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.3 0.0 24.1
ALT/AZ=49.4 -11.9
fwAVG=2.29
sdW=304.2
fwW=2.34
sdS=962.3
fwS=2.36
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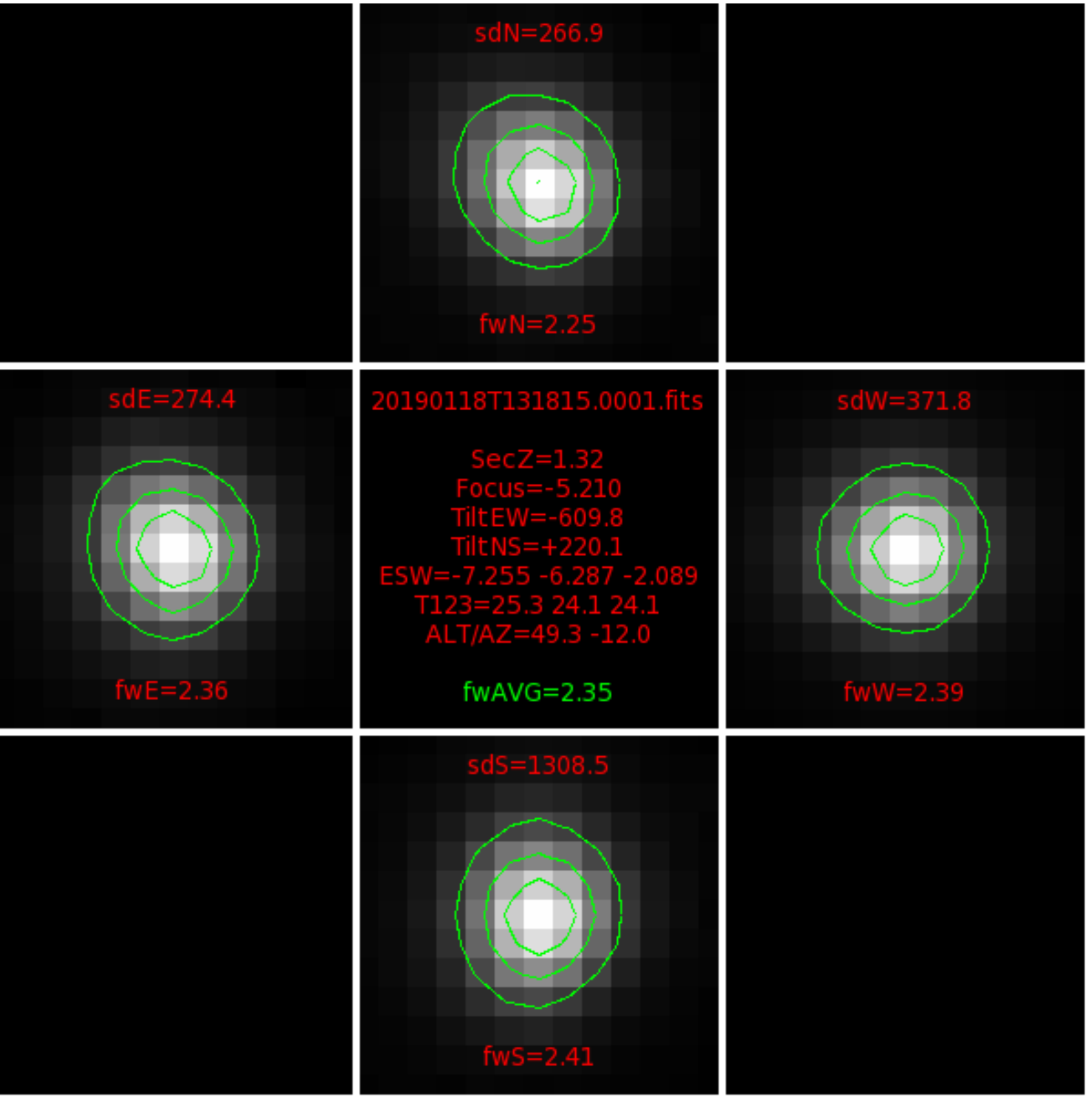
sdN=266.9
fwN=2.25
sdE=274.4
fwE=2.36
20190118T131815.0001.fits
SecZ=1.32
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.3 24.1 24.1
ALT/AZ=49.3 -12.0
fwAVG=2.35
sdW=371.8
fwW=2.39
sdS=1308.5
fwS=2.41
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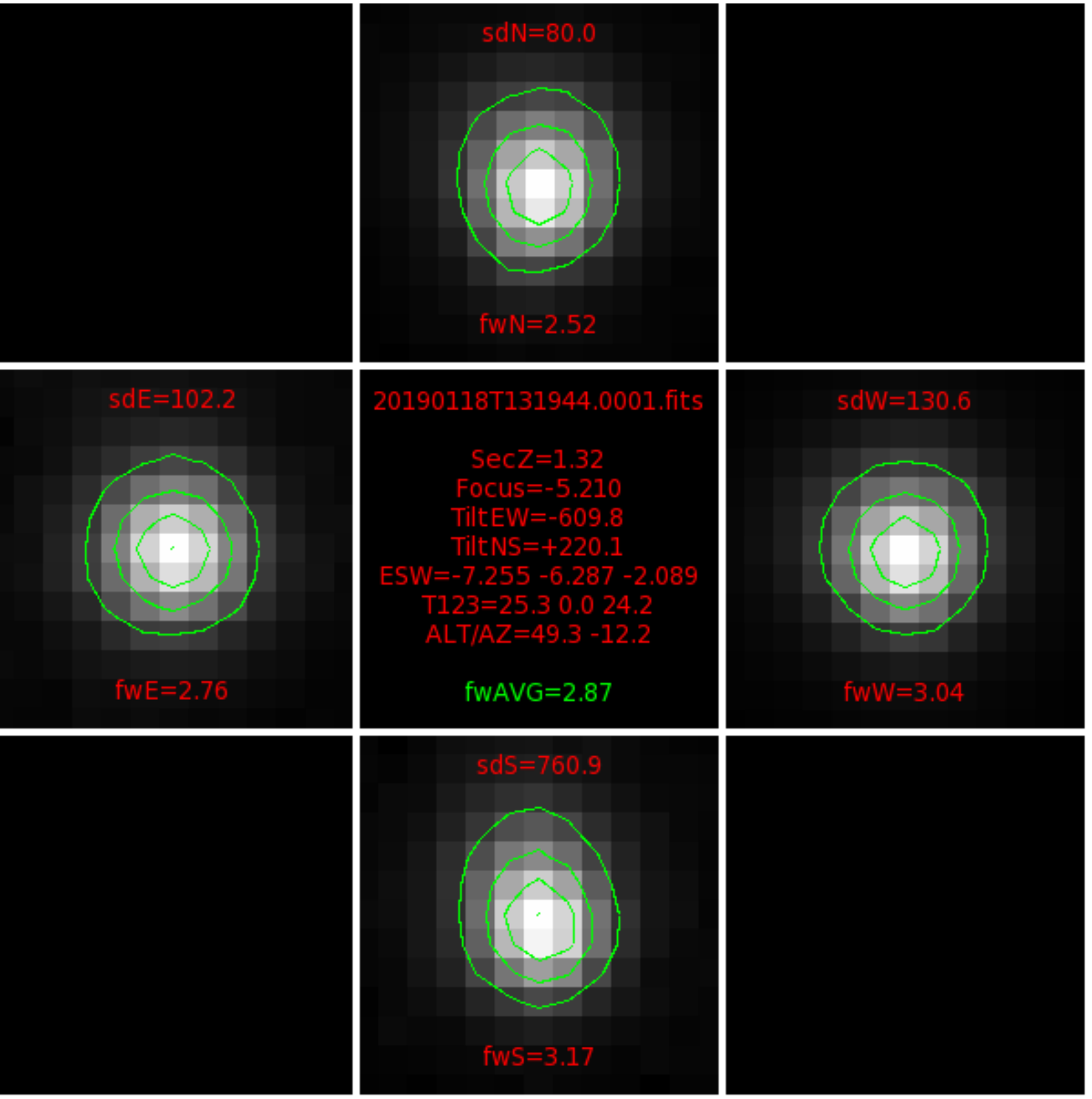
sdN=80.0
fwN=2.52
sdE=102.2
fwE=2.76
20190118T131944.0001.fits
SecZ=1.32
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.3 0.0 24.2
ALT/AZ=49.3 -12.2
fwAVG=2.87
sdW=130.6
fwW=3.04
sdS=760.9
fwS=3.17
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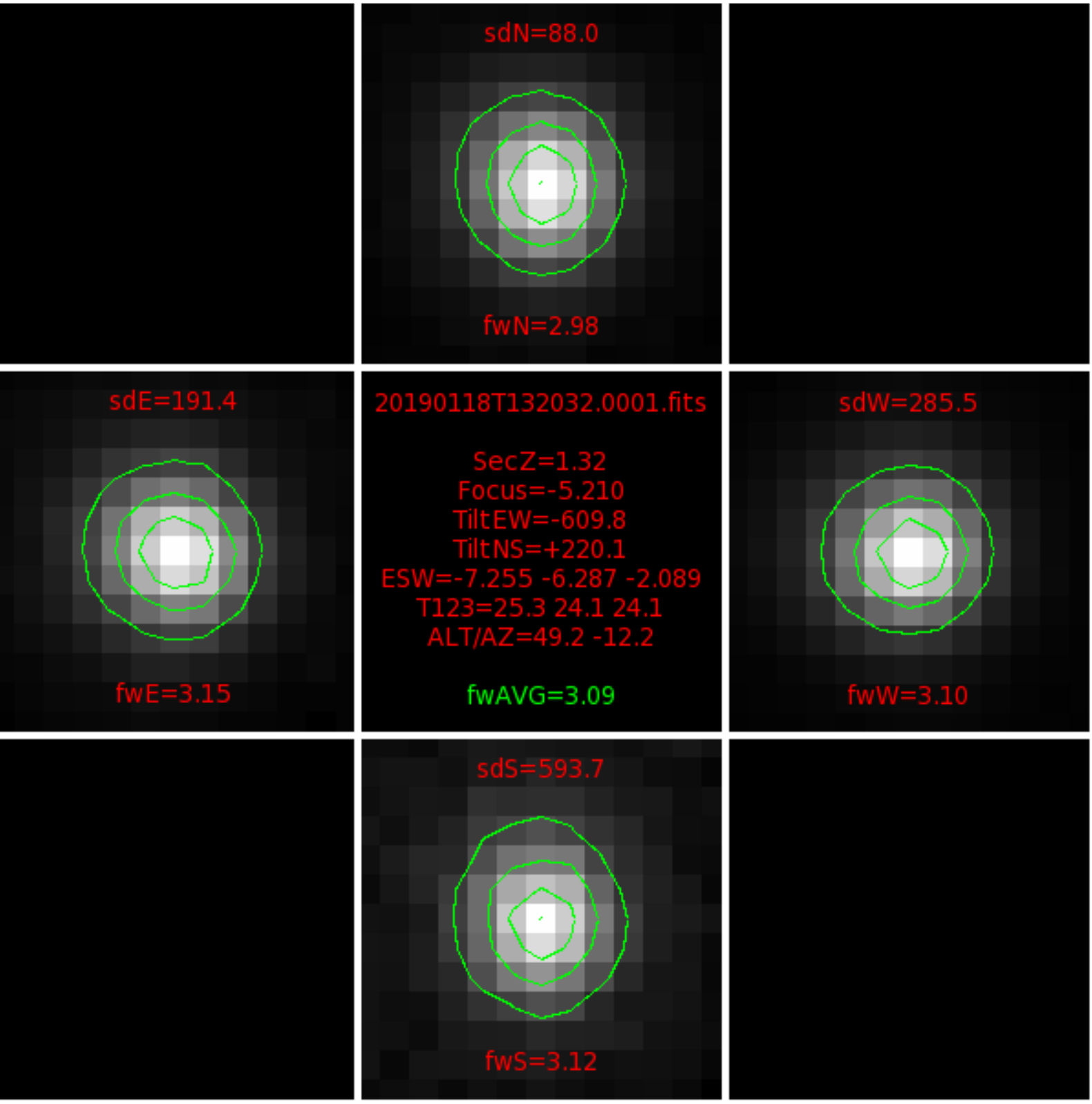
sdN=88.0
fwN=2.98
sdE=191.4
fwE=3.15
20190118T132032.0001.fits
SecZ=1.32
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.3 24.1 24.1
ALT/AZ=49.2 -12.2
fwAVG=3.09
sdW=285.5
fwW=3.10
sdS=593.7
fwS=3.12
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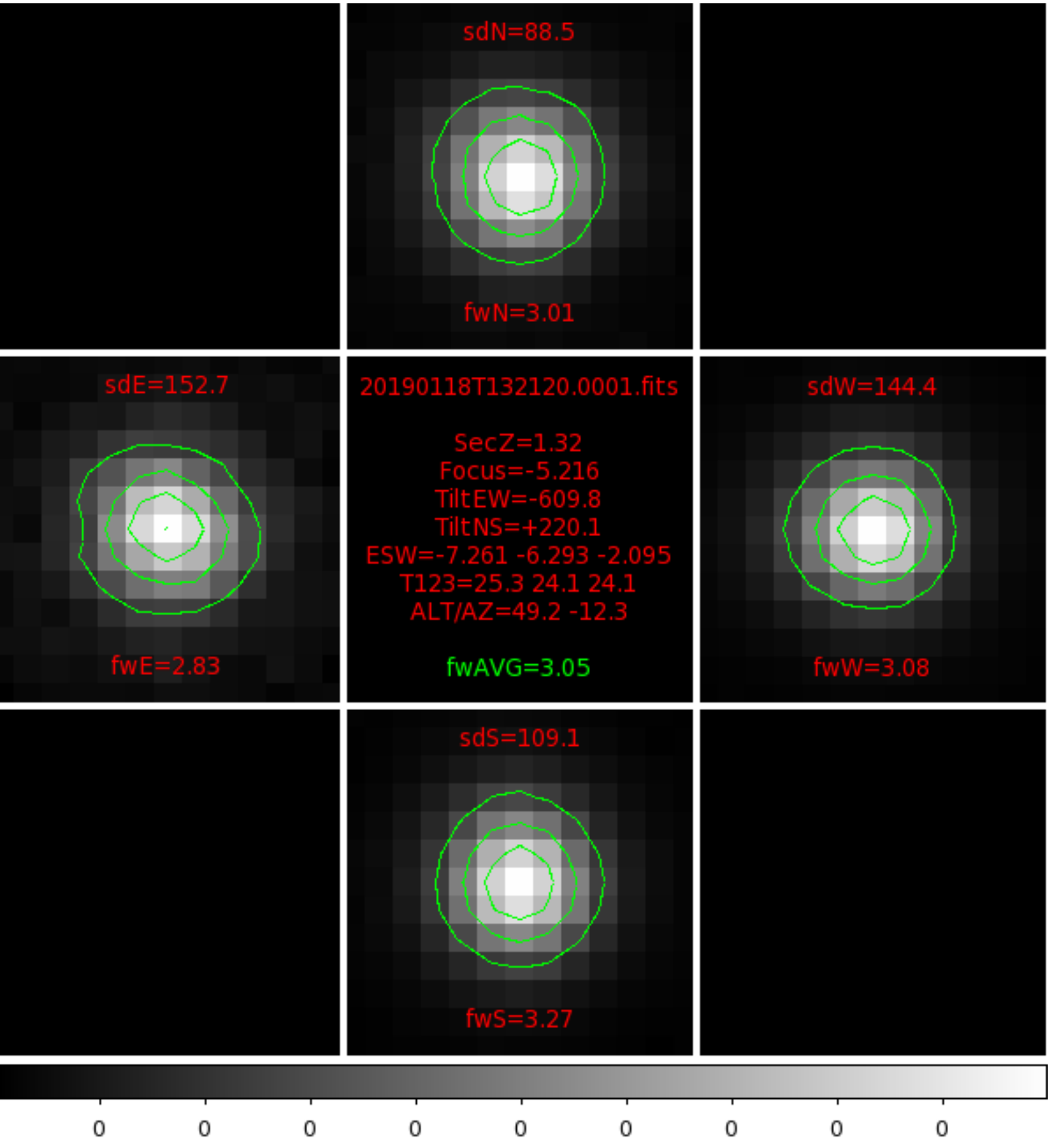
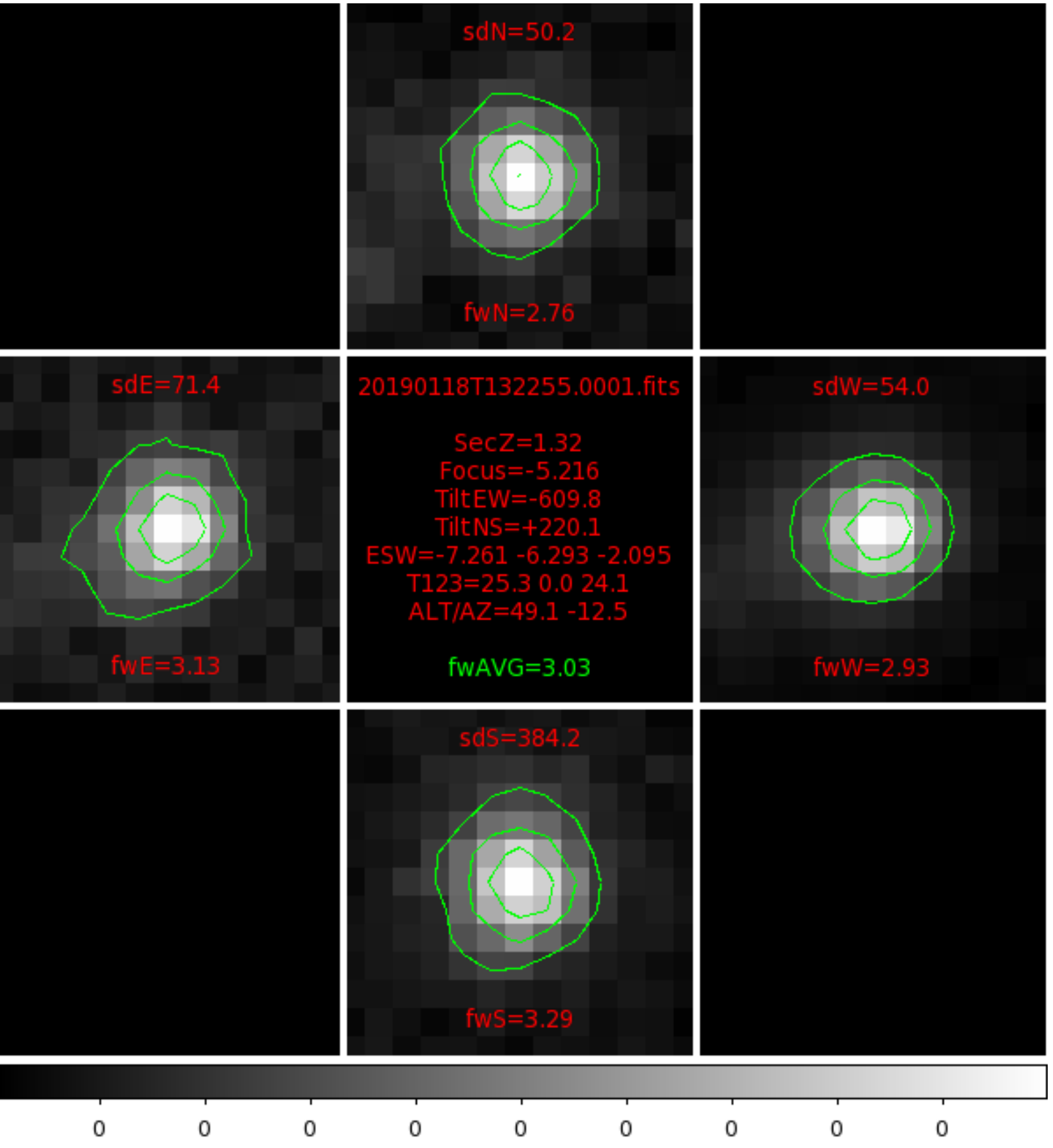

sdN=88.5
fwN=3.01
sdE=152.7
fwE=2.83
20190118T132120.0001.fits
SecZ=1.32
Focus=-5.216
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.261 -6.293 -2.095
T123=25.3 24.1 24.1
ALT/AZ=49.2 -12.3
fwAVG=3.05
sdW=144.4
fwW=3.08
sdS=109.1
fwS=3.27
0 0 0 0 0 0 0 0 0


sdN=50.2
fwN=2.76
sdE=71.4
fwE=3.13
20190118T132255.0001.fits
SecZ=1.32
Focus=-5.216
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.261 -6.293 -2.095
T123=25.3 0.0 24.1
ALT/AZ=49.1 -12.5
fwAVG=3.03
sdW=54.0
fwW=2.93
sdS=384.2
fwS=3.29
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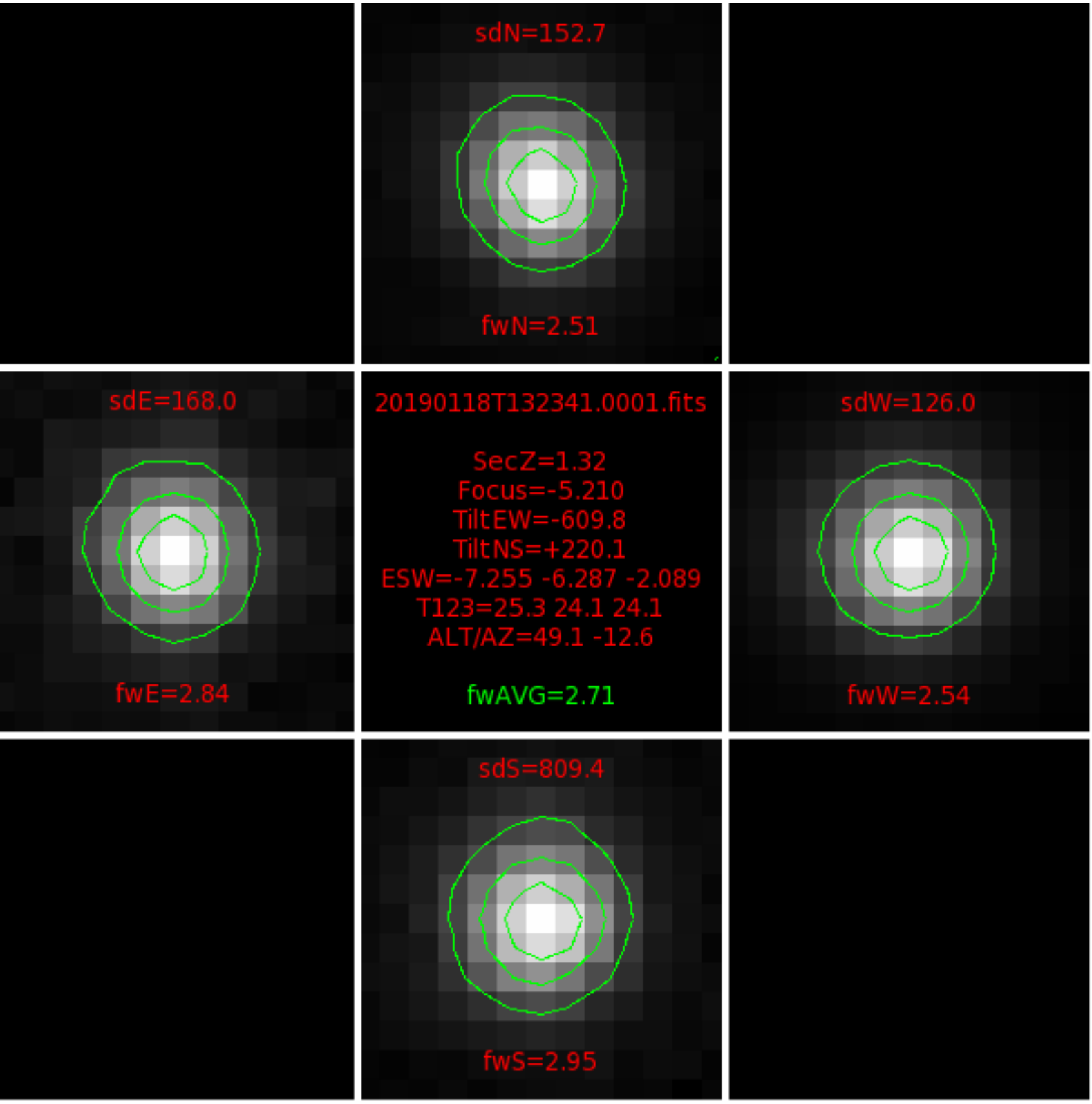
sdN=152.7
fwN=2.51
sdE=168.0
fwE=2.84
20190118T132341.0001.fits
SecZ=1.32
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.3 24.1 24.1
ALT/AZ=49.1 -12.6
fwAVG=2.71
sdW=126.0
fwW=2.54
sdS=809.4
fwS=2.95
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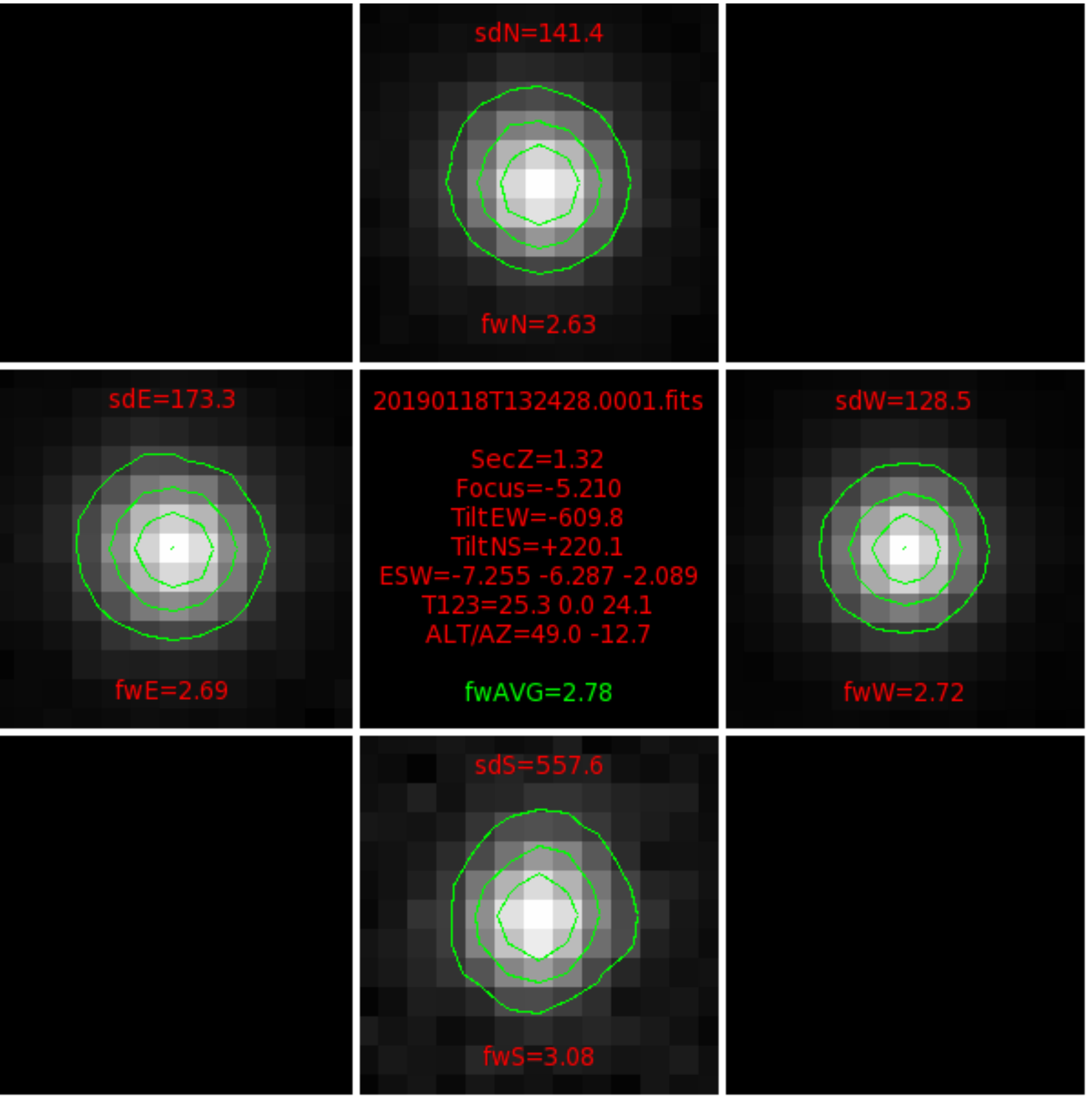
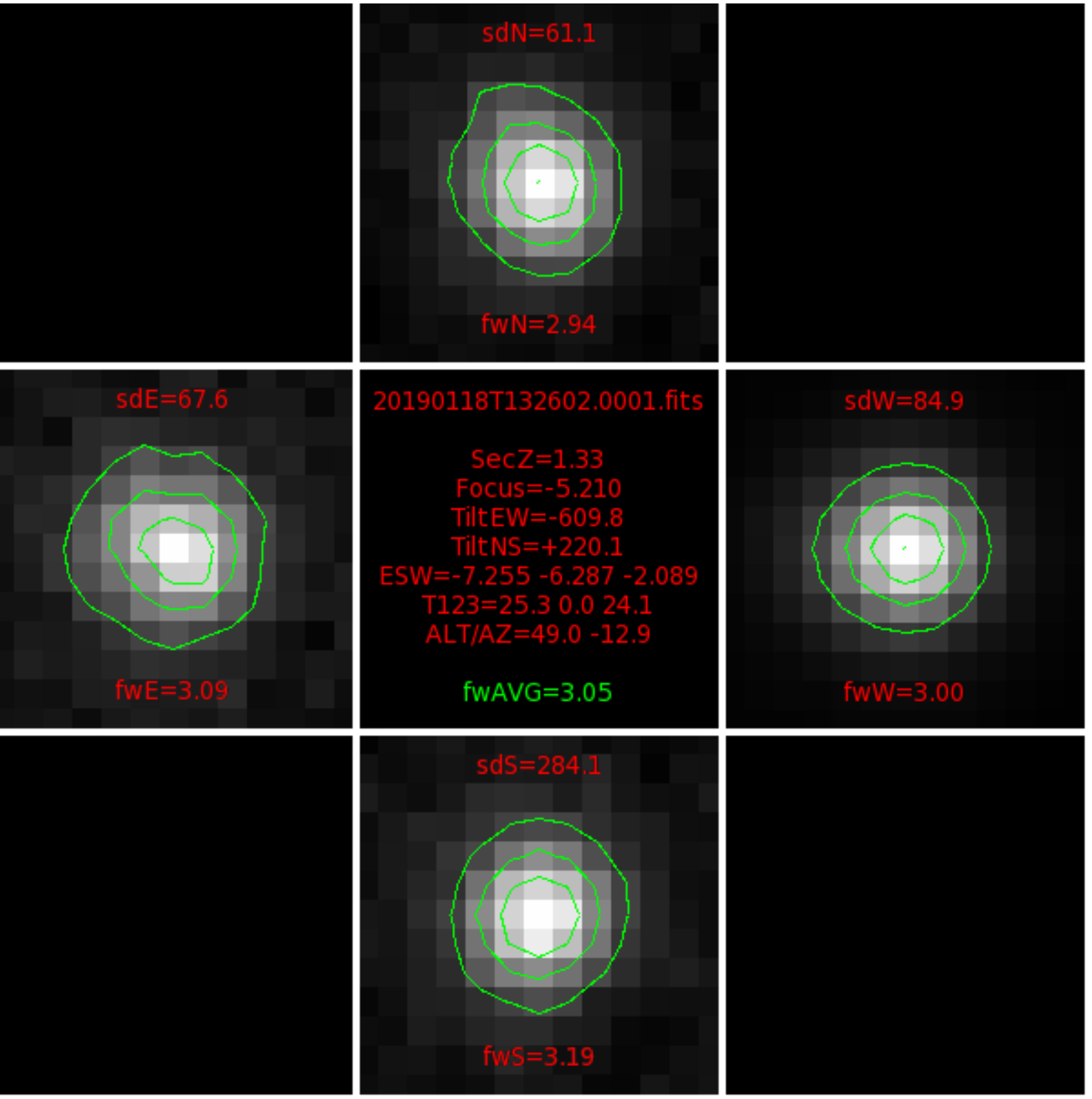

sdN=141.4
fwN=2.63
sdE=173.3
fwE=2.69
20190118T132428.0001.fits
SecZ=1.32
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.3 0.0 24.1
ALT/AZ=49.0 -12.7
fwAVG=2.78
sdW=128.5
fwW=2.72
sdS=557.6
fwS=3.08
0 0 0 0 0 0 0 0 0


sdN=61.1
fwN=2.94
sdE=67.6
fwE=3.09
20190118T132602.0001.fits
SecZ=1.33
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.3 0.0 24.1
ALT/AZ=49.0 -12.9
fwAVG=3.05
sdW=84.9
fwW=3.00
sdS=284.1
fwS=3.19
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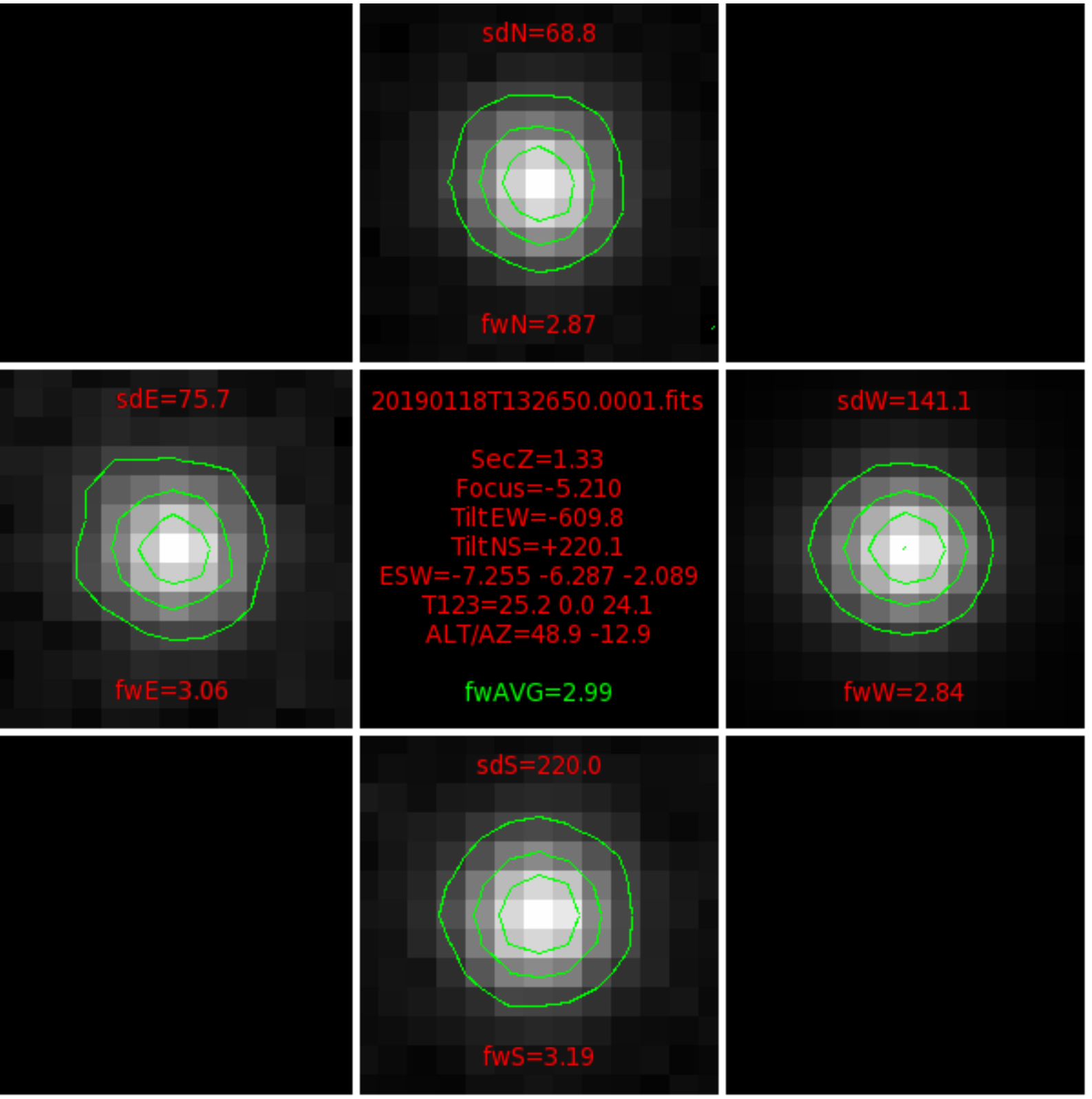
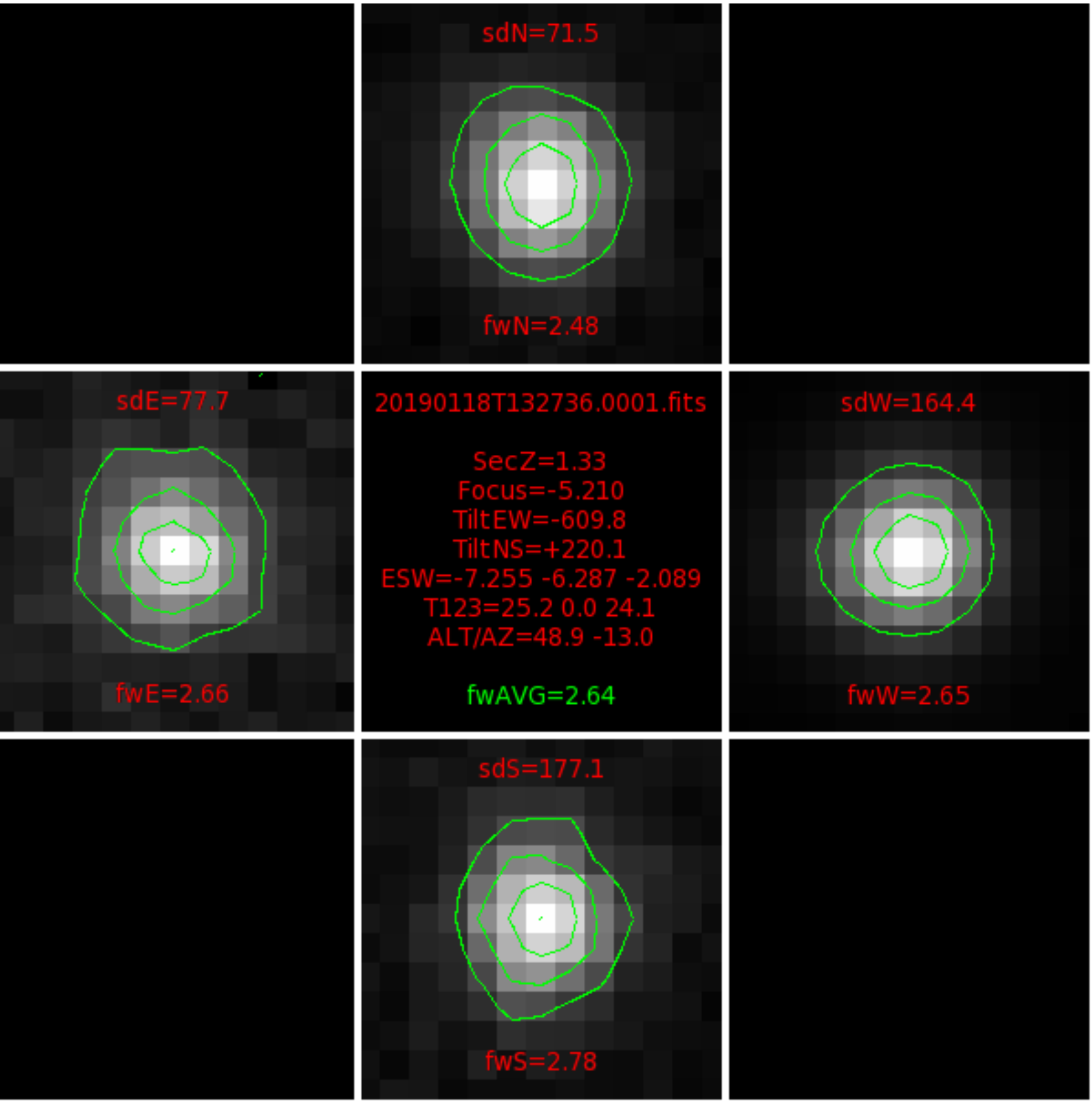

sdN=68.8
fwN=2.87
sdE=75.7
fwE=3.06
20190118T132650.0001.fits
SecZ=1.33
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.2 0.0 24.1
ALT/AZ=48.9 -12.9
fwAVG=2.99
sdW=141.1
fwW=2.84
sdS=220.0
fwS=3.19
0 0 0 0 0 0 0 0 0


sdN=71.5
fwN=2.48
sdE=77.7
fwE=2.66
20190118T132736.0001.fits
SecZ=1.33
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.2 0.0 24.1
ALT/AZ=48.9 -13.0
fwAVG=2.64
sdW=164.4
fwW=2.65
sdS=177.1
fwS=2.78
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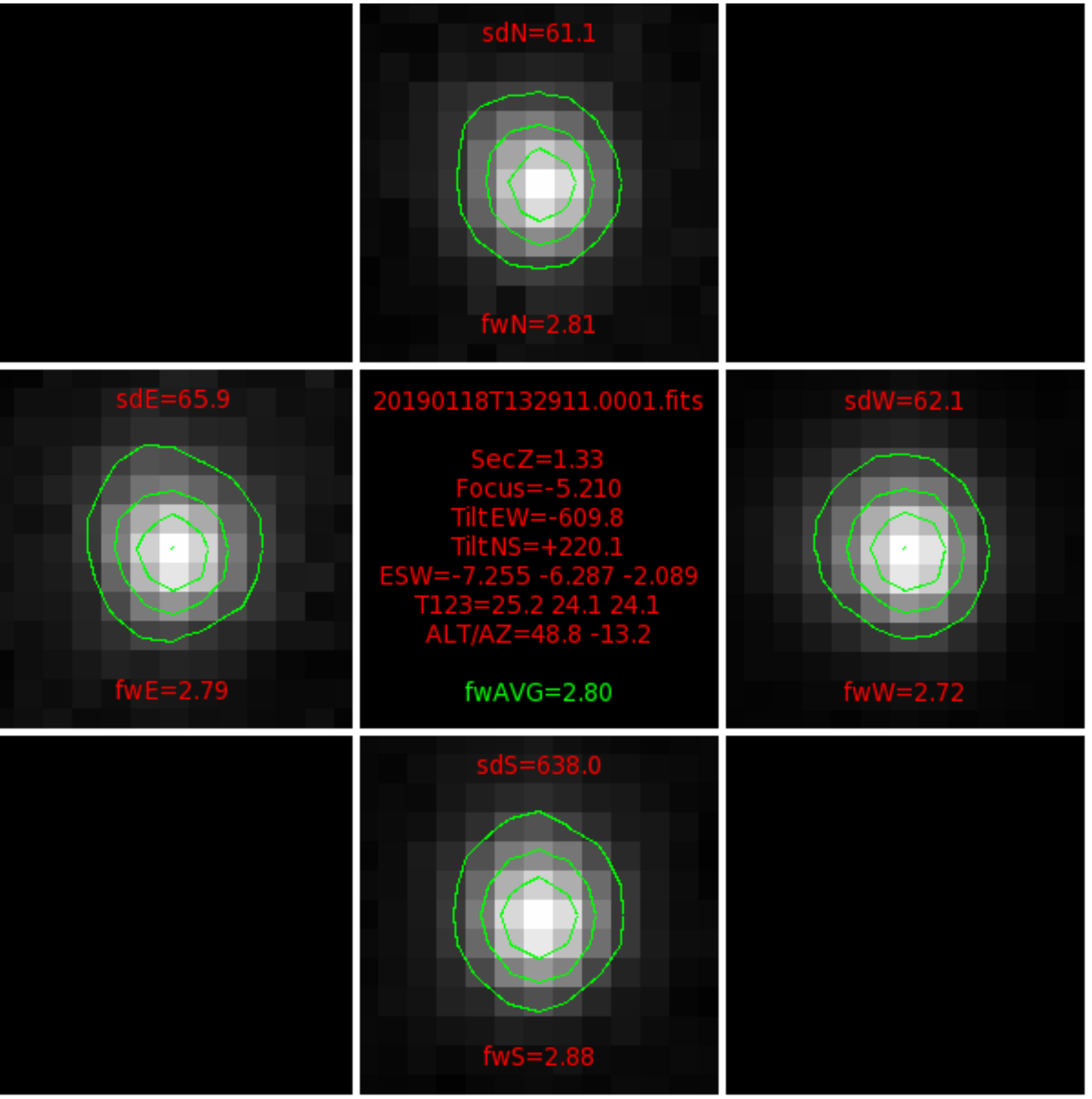
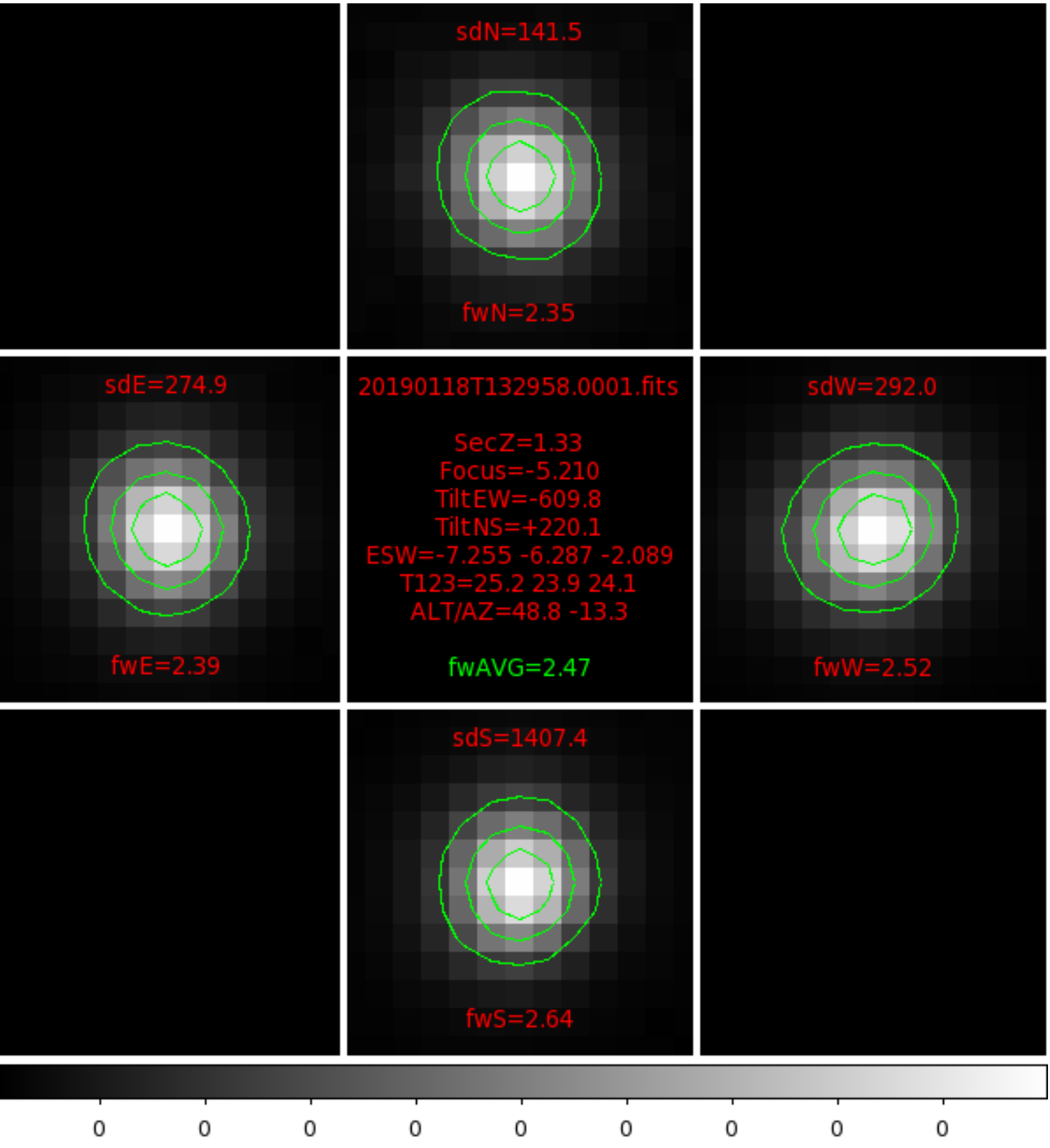

sdN=61.1
fwN=2.81
sdE=65.9
fwE=2.79
20190118T132911.0001.fits
SecZ=1.33
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.2 24.1 24.1
ALT/AZ=48.8 -13.2
fwAVG=2.80
sdW=62.1
fwW=2.72
sdS=638.0
fwS=2.88
0 0 0 0 0 0 0 0 0


sdN=141.5
fwN=2.35
sdE=274.9
fwE=2.39
20190118T132958.0001.fits
SecZ=1.33
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.2 23.9 24.1
ALT/AZ=48.8 -13.3
fwAVG=2.47
sdW=292.0
fwW=2.52
sdS=1407.4
fwS=2.64
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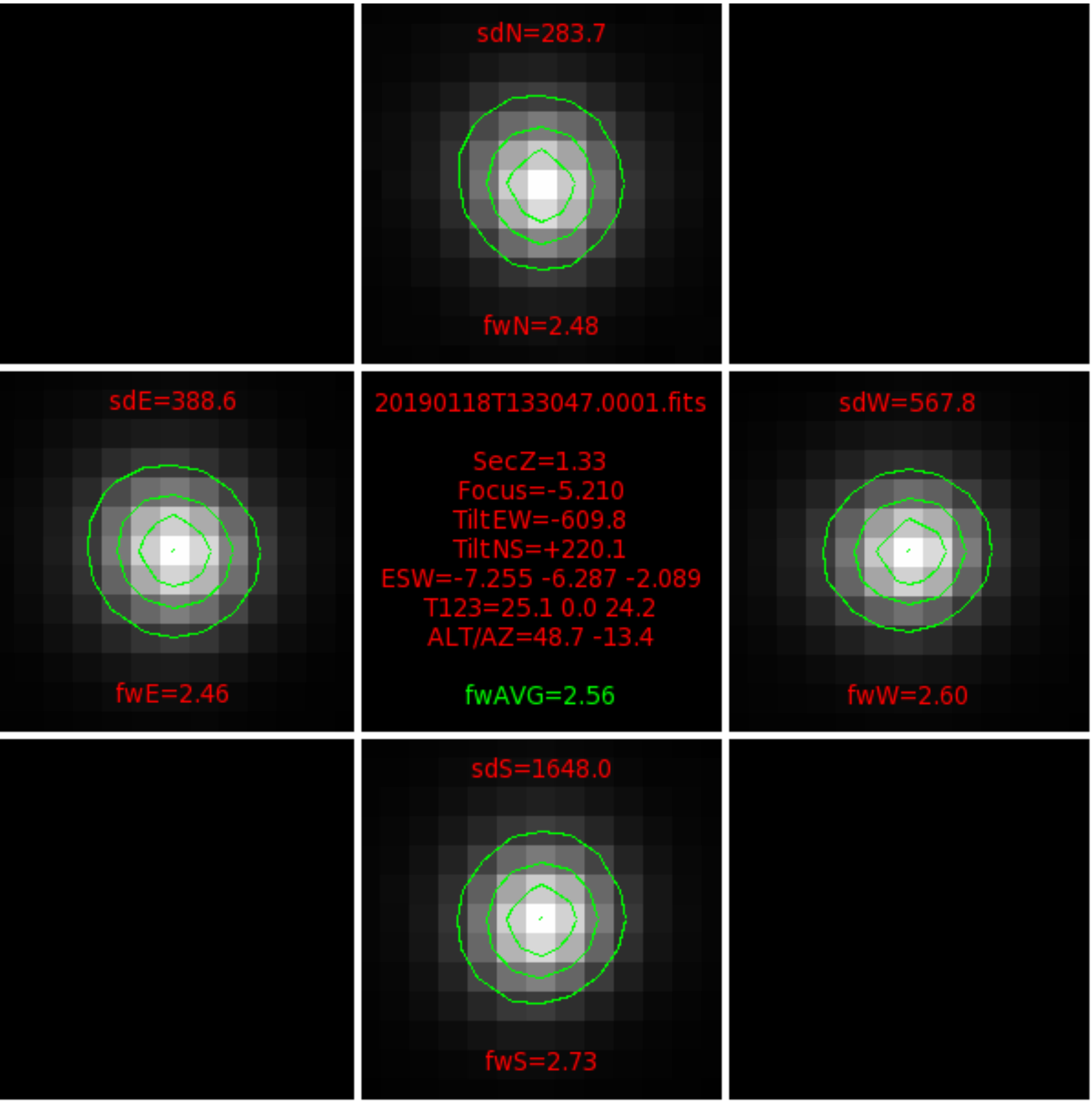
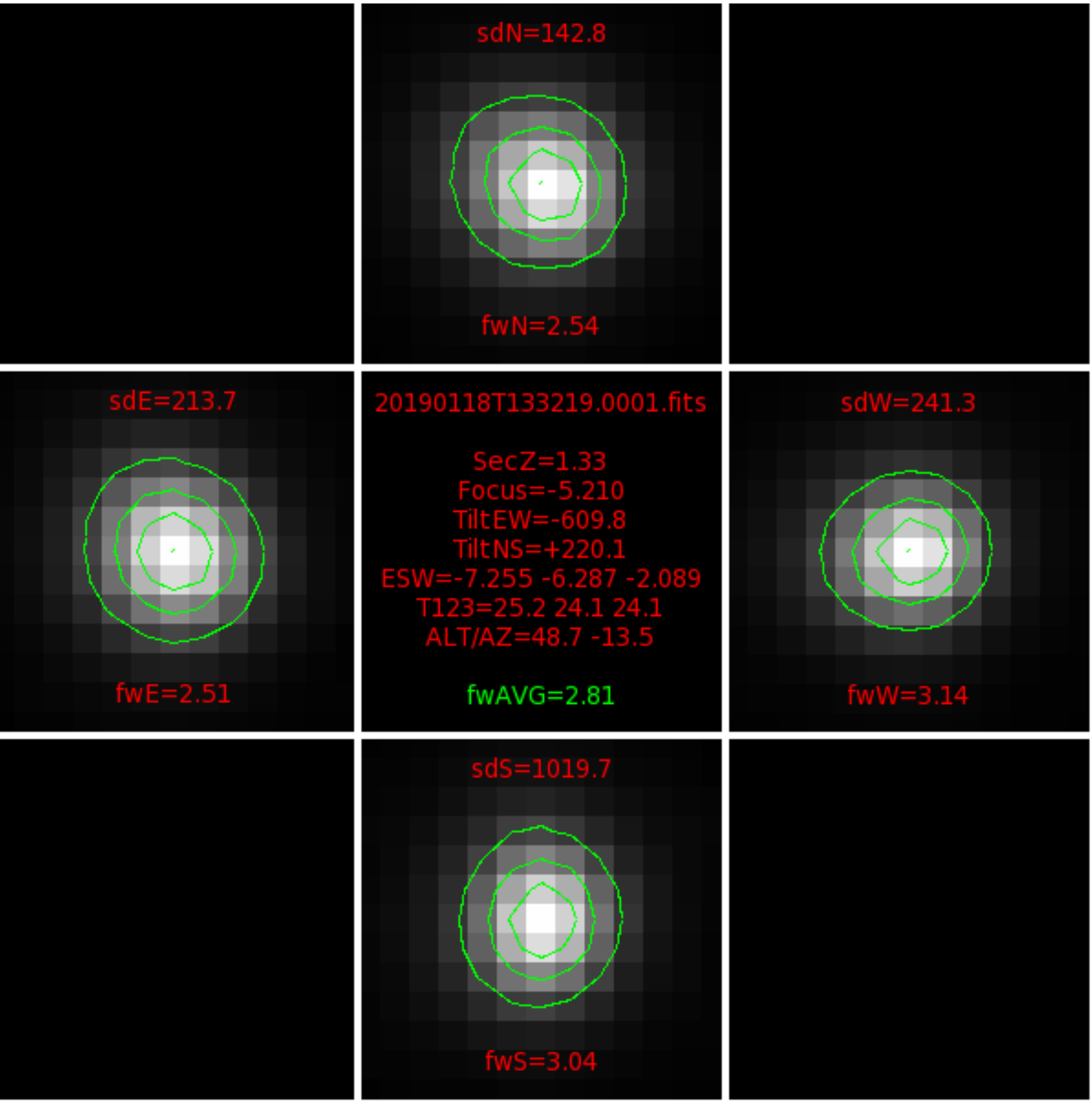

sdN=283.7
fwN=2.48
sdE=388.6
fwE=2.46
20190118T133047.0001.fits
SecZ=1.33
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.1 0.0 24.2
ALT/AZ=48.7 -13.4
fwAVG=2.56
sdW=567.8
fwW=2.60
sdS=1648.0
fwS=2.73
0 0 0 0 0 0 0 0 0


sdN=142.8
fwN=2.54
sdE=213.7
fwE=2.51
20190118T133219.0001.fits
SecZ=1.33
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.2 24.1 24.1
ALT/AZ=48.7 -13.5
fwAVG=2.81
sdW=241.3
fwW=3.14
sdS=1019.7
fwS=3.04
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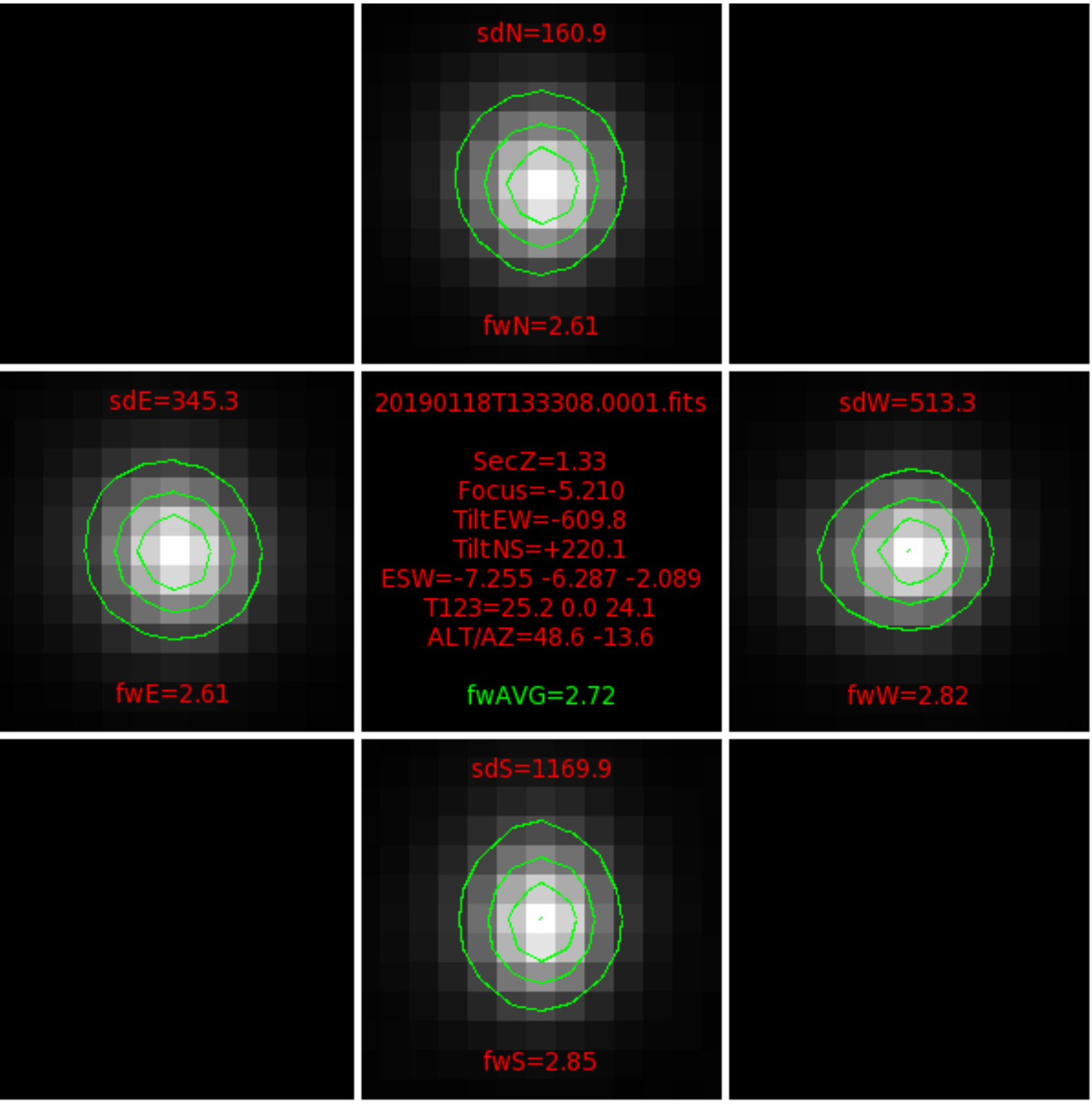
sdN=160.9
fwN=2.61
sdE=345.3
fwE=2.61
20190118T133308.0001.fits
SecZ=1.33
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.2 0.0 24.1
ALT/AZ=48.6 -13.6
fwAVG=2.72
sdW=513.3
fwW=2.82
sdS=1169.9
fwS=2.85
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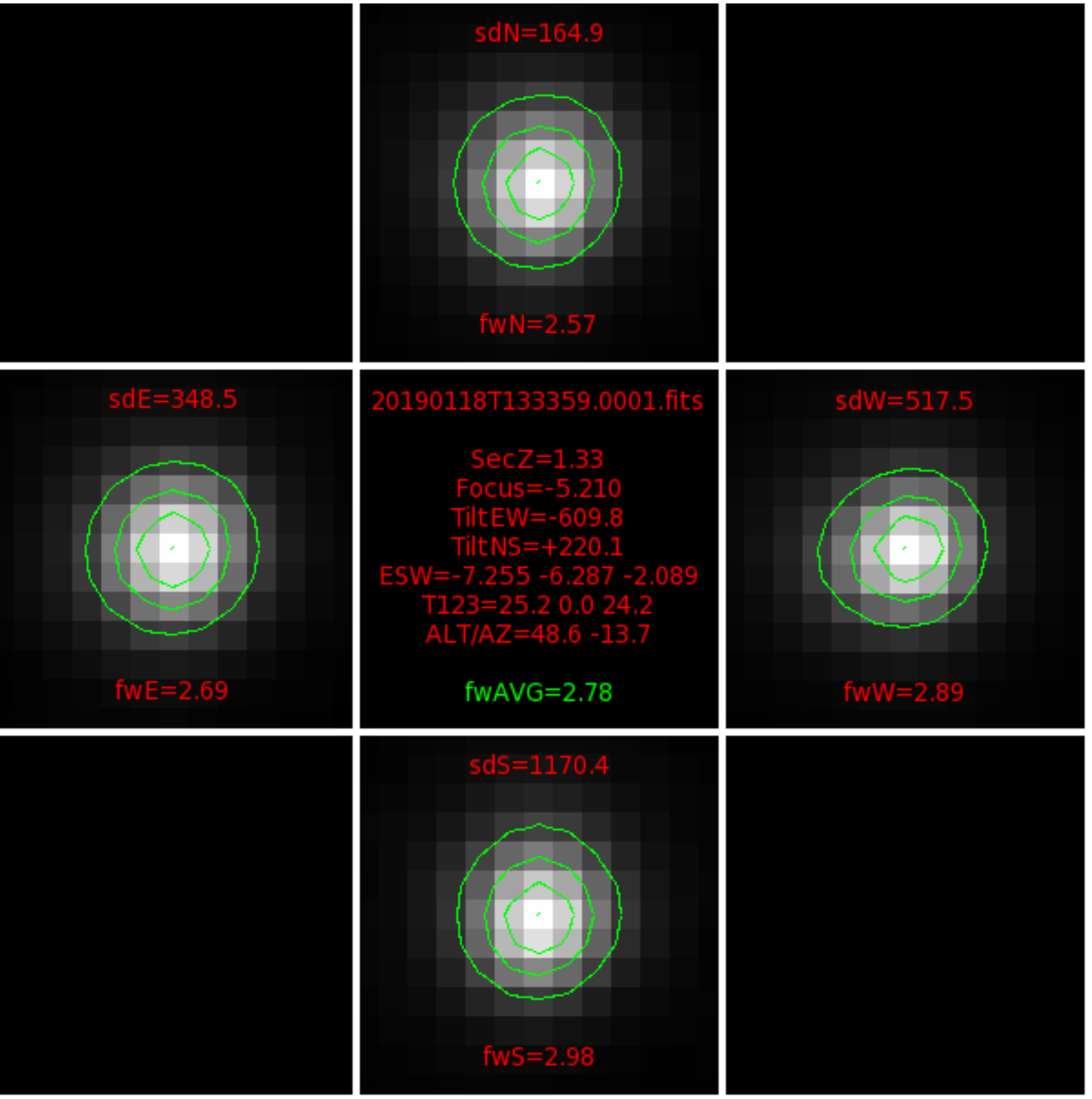
sdN=164.9
fwN=2.57
sdE=348.5
fwE=2.69
20190118T133359.0001.fits
SecZ=1.33
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.2 0.0 24.2
ALT/AZ=48.6 -13.7
fwAVG=2.78
sdW=517.5
fwW=2.89
sdS=1170.4
fwS=2.98
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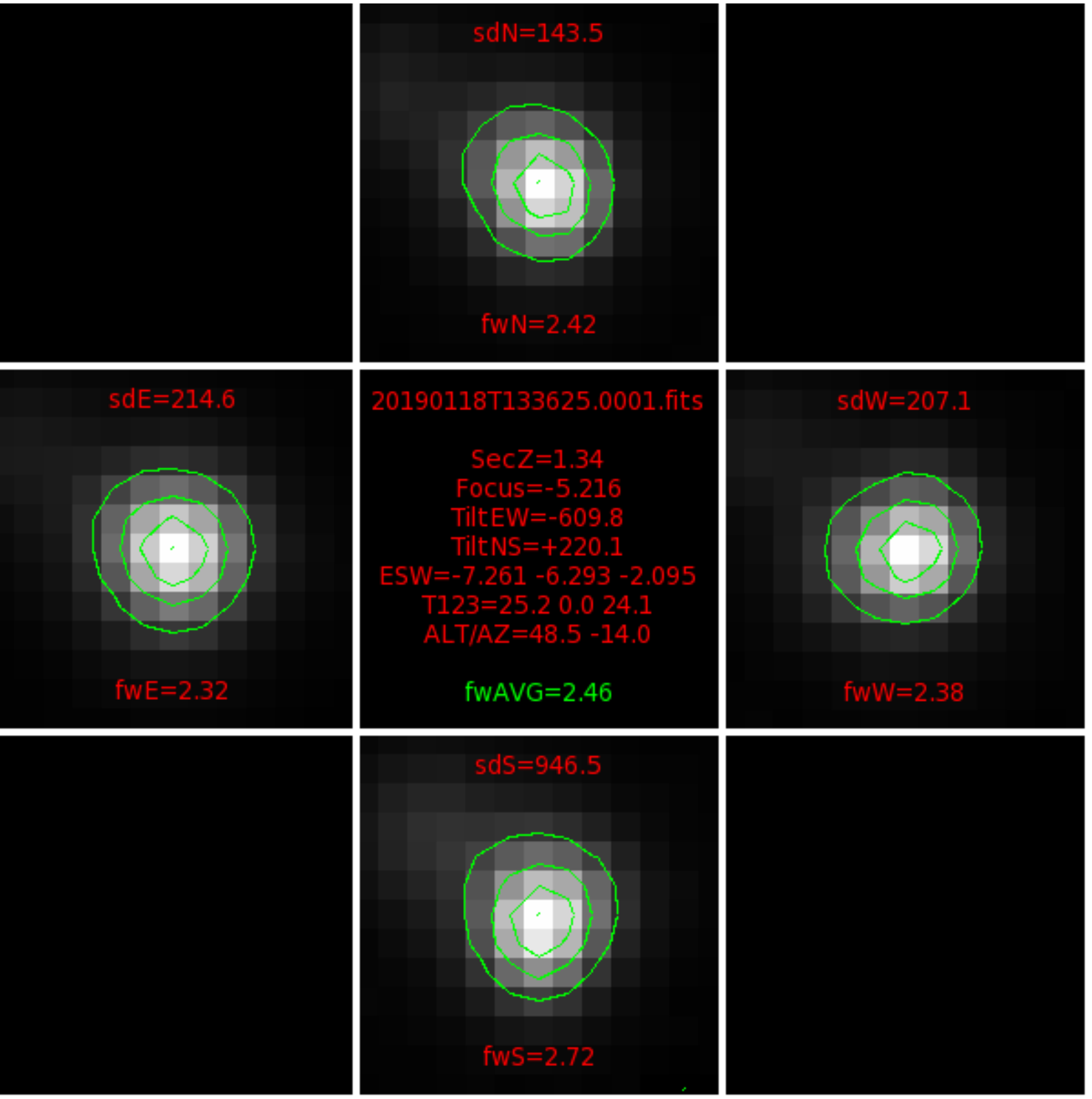
sdN=143.5
fwN=2.42
sdE=214.6
fwE=2.32
20190118T133625.0001.fits
SecZ=1.34
Focus=-5.216
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.261 -6.293 -2.095
T123=25.2 0.0 24.1
ALT/AZ=48.5 -14.0
fwAVG=2.46
sdW=207.1
fwW=2.38
sdS=946.5
fwS=2.72
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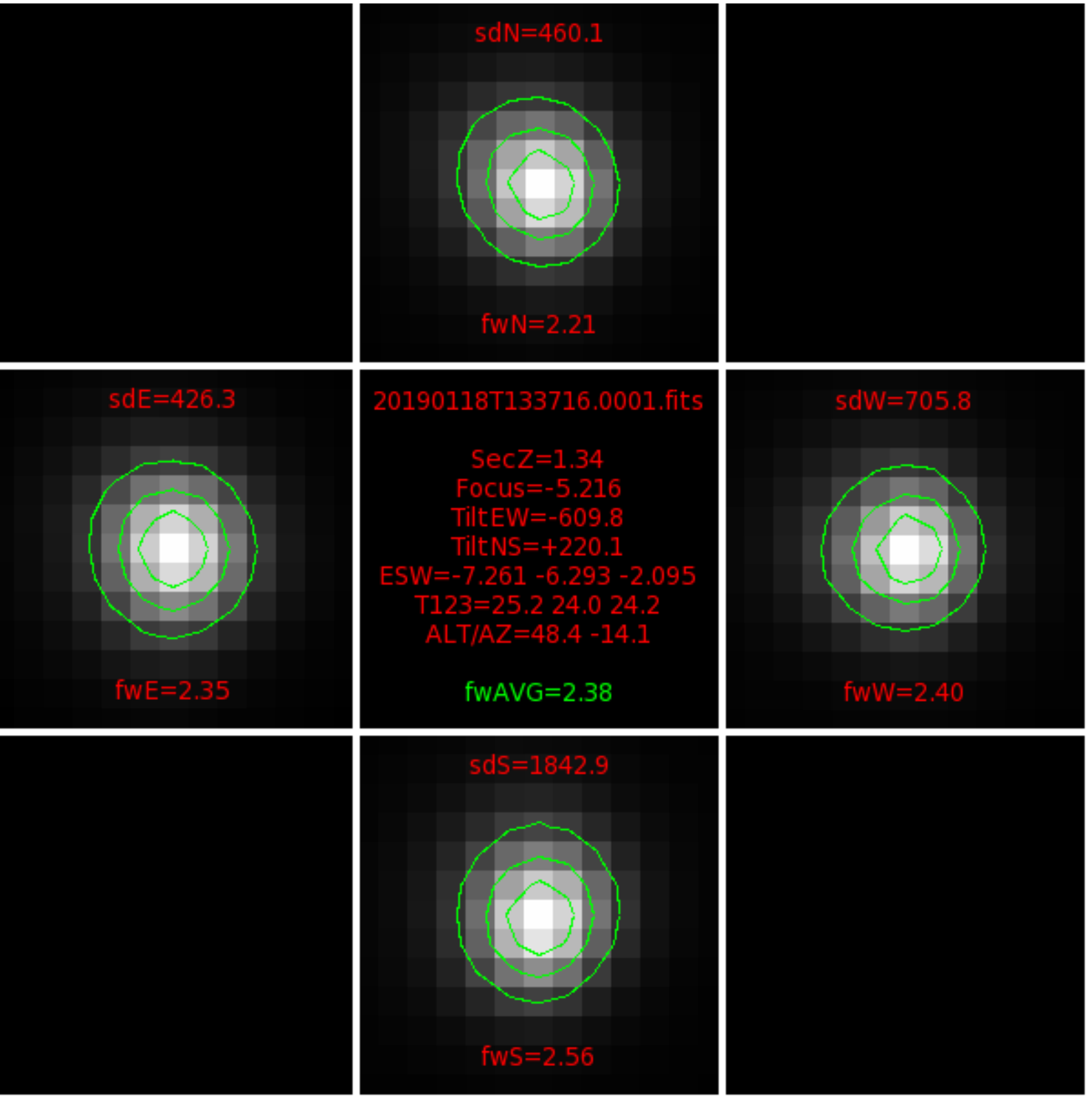
sdN=460.1
fwN=2.21
sdE=426.3
fwE=2.35
20190118T133716.0001.fits
SecZ=1.34
Focus=-5.216
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.261 -6.293 -2.095
T123=25.2 24.0 24.2
ALT/AZ=48.4 -14.1
fwAVG=2.38
sdW=705.8
fwW=2.40
sdS=1842.9
fwS=2.56
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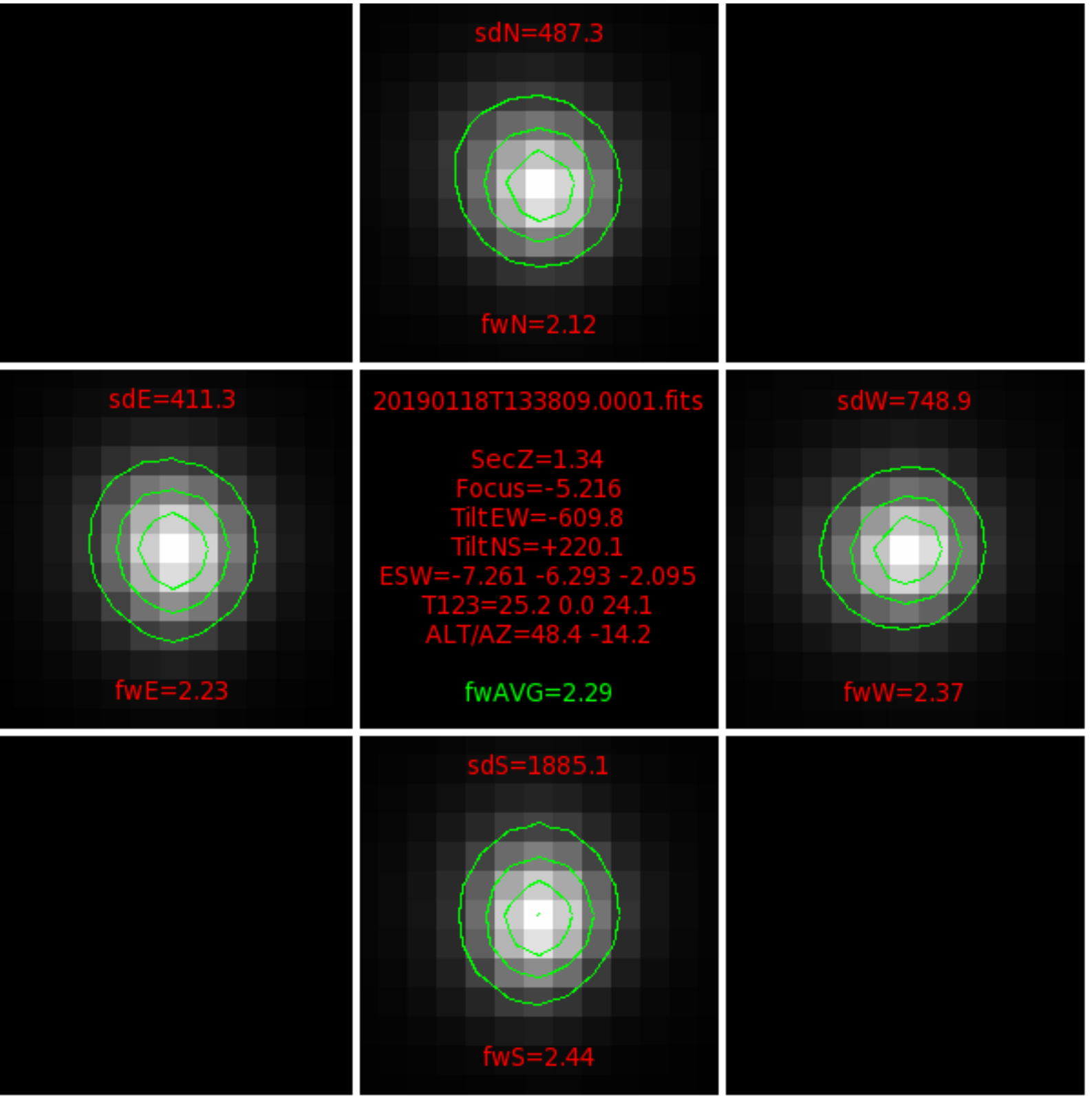
sdN=487.3
fwN=2.12
sdE=411.3
fwE=2.23
20190118T133809.0001.fits
SecZ=1.34
Focus=-5.216
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.261 -6.293 -2.095
T123=25.2 0.0 24.1
ALT/AZ=48.4 -14.2
fwAVG=2.29
sdW=748.9
fwW=2.37
sdS=1885.1
fwS=2.44
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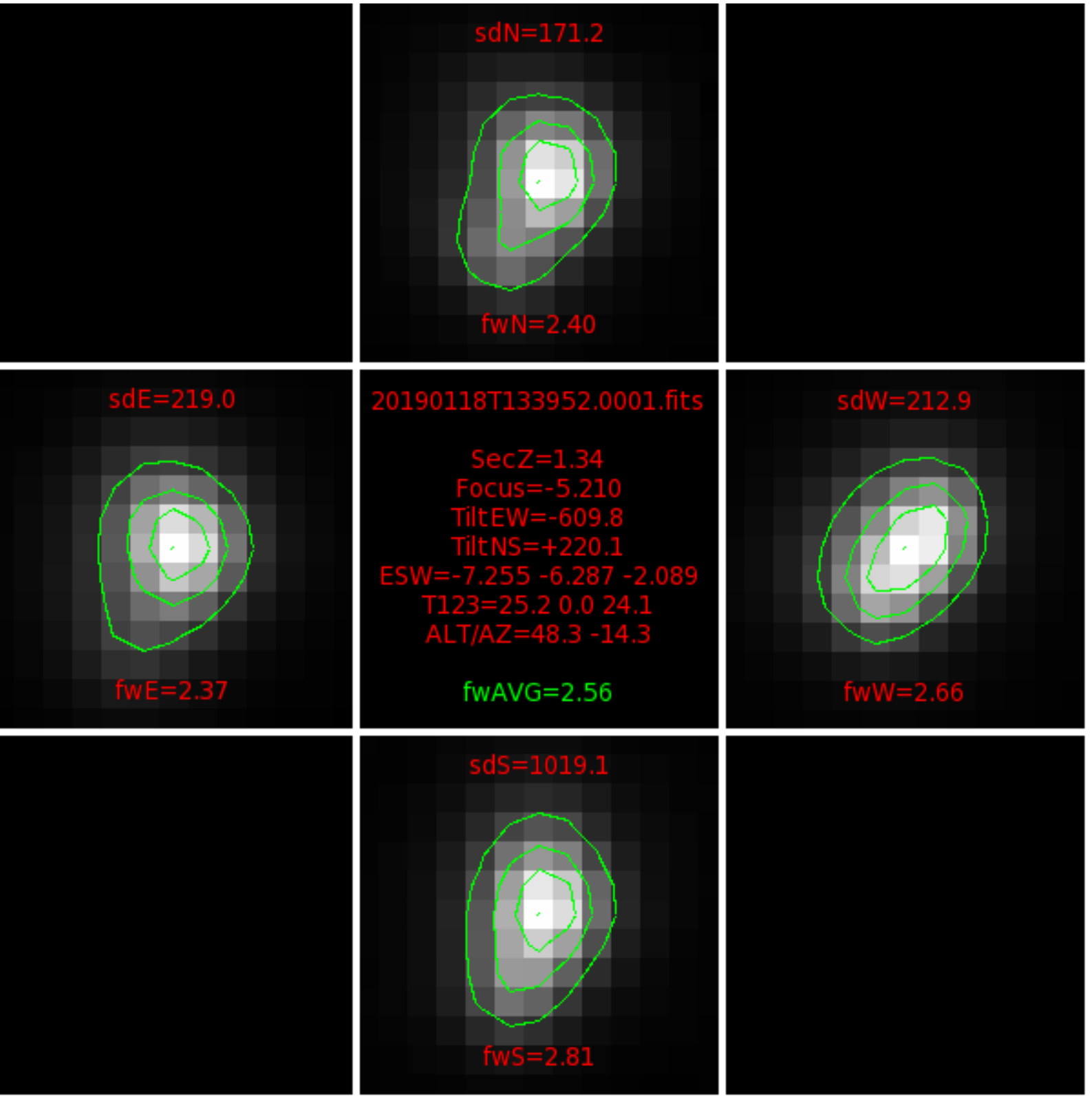
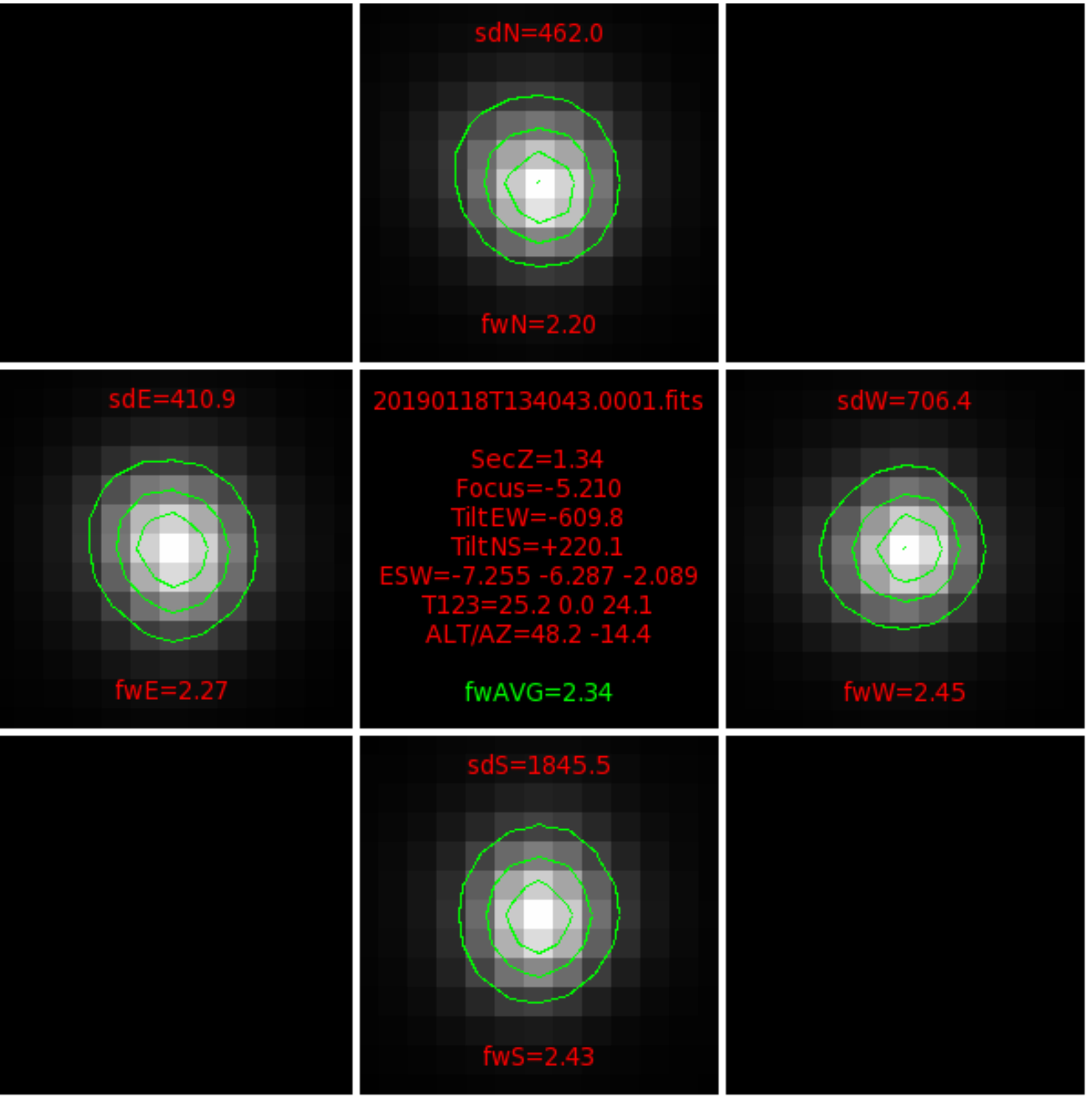

sdN=171.2
fwN=2.40
sdE=219.0
fwE=2.37
20190118T133952.0001.fits
SecZ=1.34
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.2 0.0 24.1
ALT/AZ=48.3 -14.3
fwAVG=2.56
sdW=212.9
fwW=2.66
sdS=1019.1
fwS=2.81
0 0 0 0 0 0 0 0 0


sdN=462.0
fwN=2.20
sdE=410.9
fwE=2.27
20190118T134043.0001.fits
SecZ=1.34
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.2 0.0 24.1
ALT/AZ=48.2 -14.4
fwAVG=2.34
sdW=706.4
fwW=2.45
sdS=1845.5
fwS=2.43
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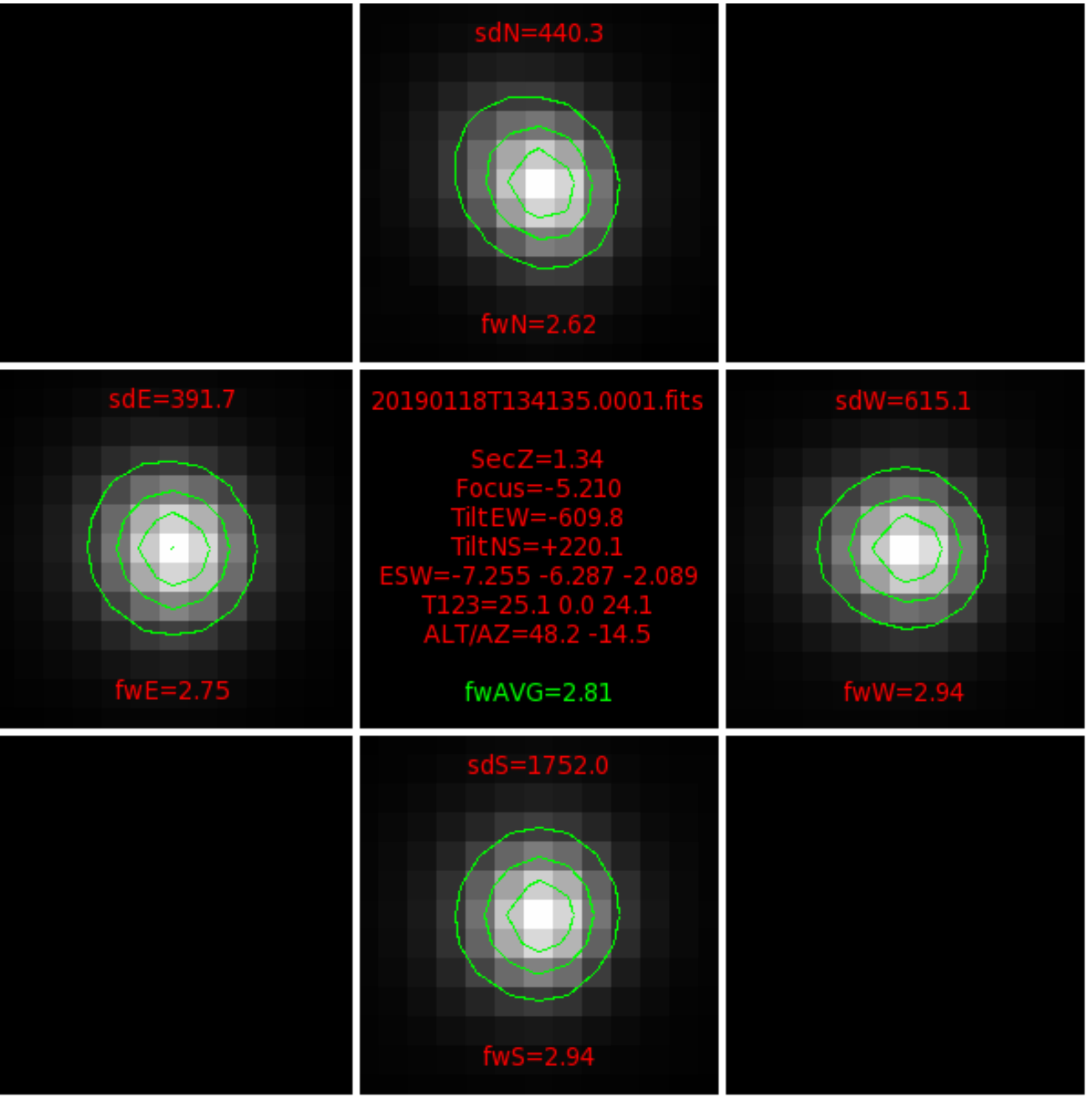
sdN=440.3
fwN=2.62
sdE=391.7
fwE=2.75
20190118T134135.0001.fits
SecZ=1.34
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.1 0.0 24.1
ALT/AZ=48.2 -14.5
fwAVG=2.81
sdW=615.1
fwW=2.94
sdS=1752.0
fwS=2.94
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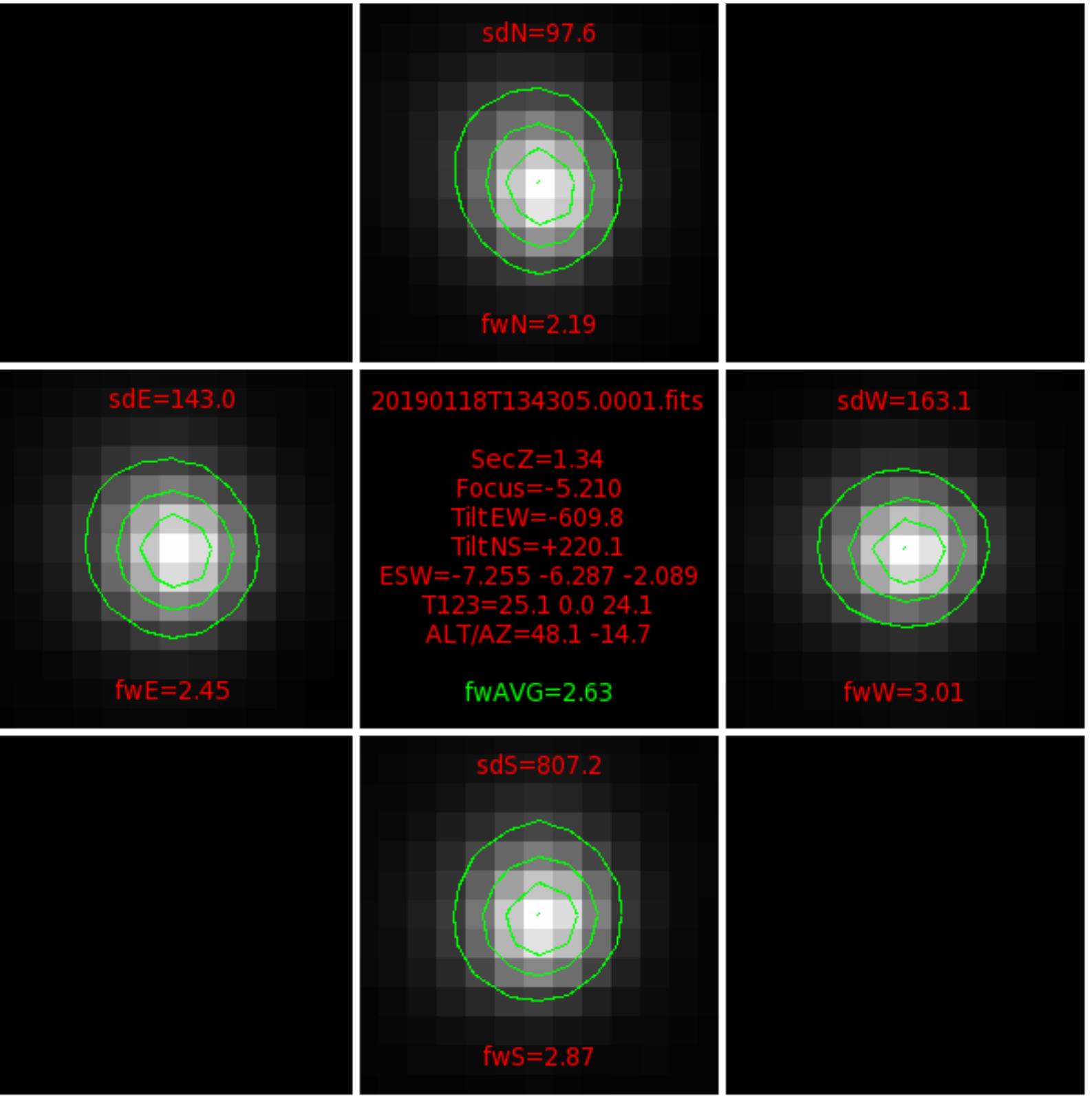
sdN=97.6
fwN=2.19
sdE=143.0
fwE=2.45
20190118T134305.0001.fits
SecZ=1.34
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.1 0.0 24.1
ALT/AZ=48.1 -14.7
fwAVG=2.63
sdW=163.1
fwW=3.01
sdS=807.2
fwS=2.87
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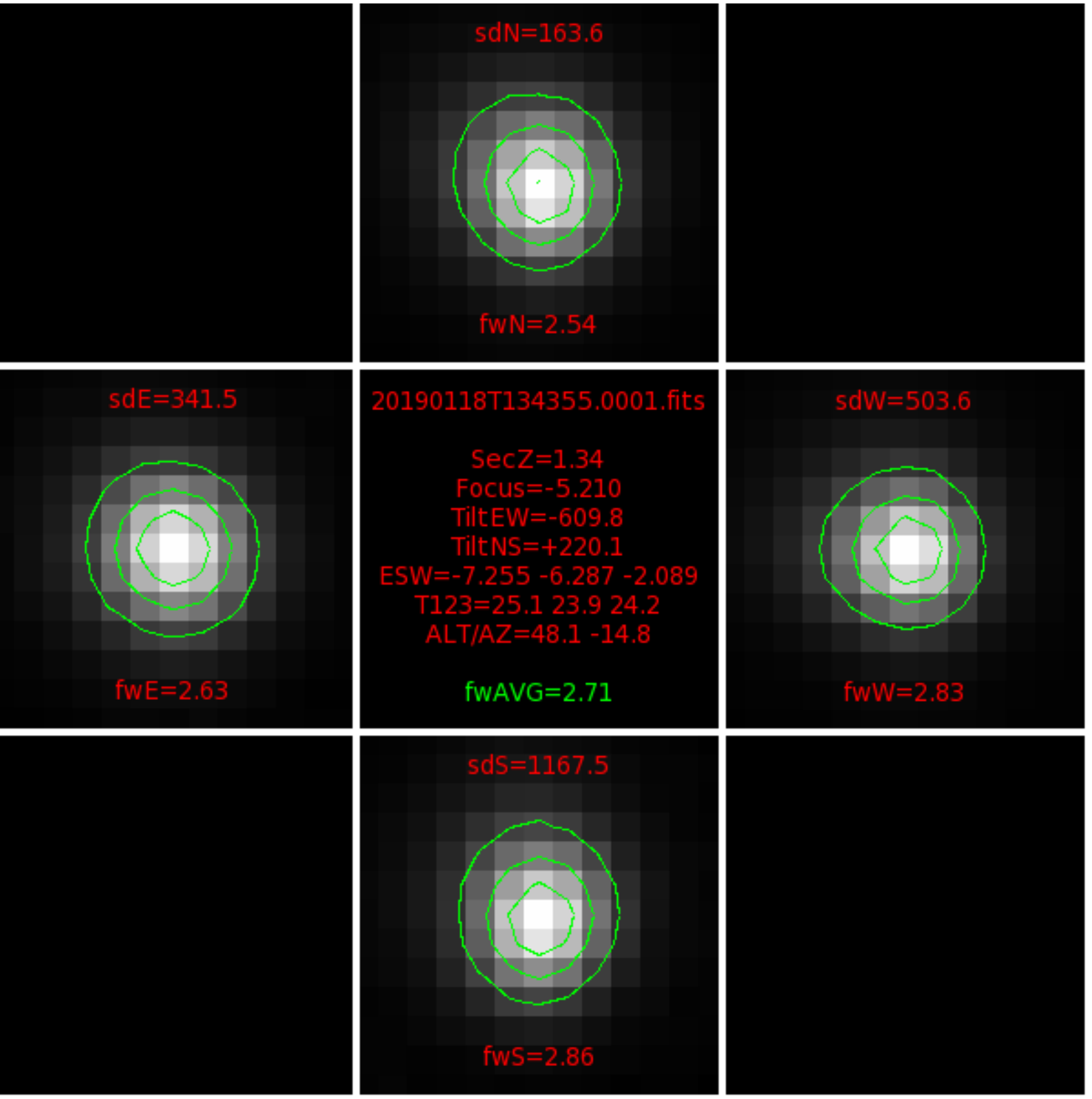
sdN=163.6
fwN=2.54
sdE=341.5
fwE=2.63
20190118T134355.0001.fits
SecZ=1.34
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.1 23.9 24.2
ALT/AZ=48.1 -14.8
fwAVG=2.71
sdW=503.6
fwW=2.83
sdS=1167.5
fwS=2.86
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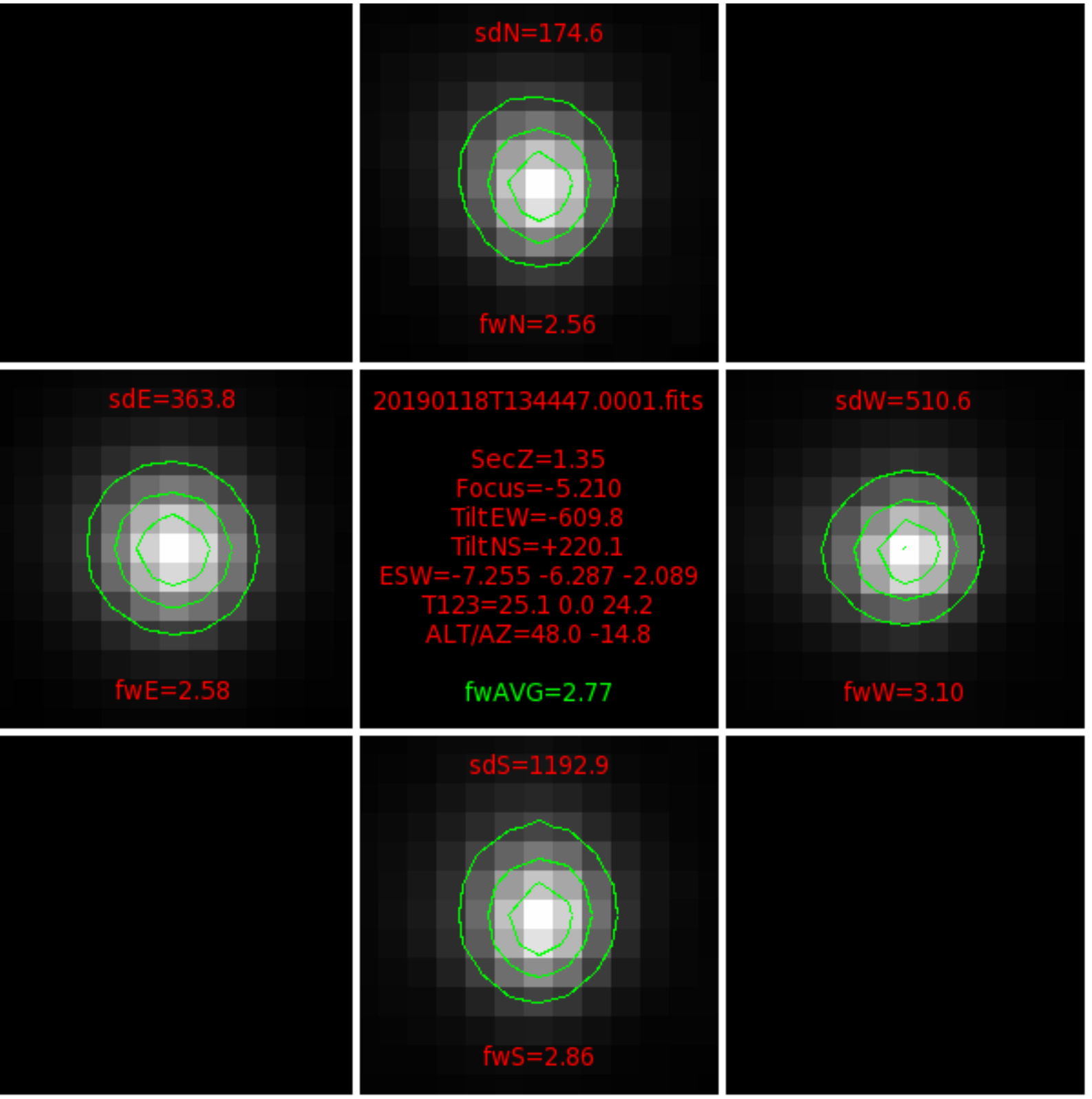
sdN=174.6
fwN=2.56
sdE=363.8
fwE=2.58
20190118T134447.0001.fits
SecZ=1.35
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.1 0.0 24.2
ALT/AZ=48.0 -14.8
fwAVG=2.77
sdW=510.6
fwW=3.10
sdS=1192.9
fwS=2.86
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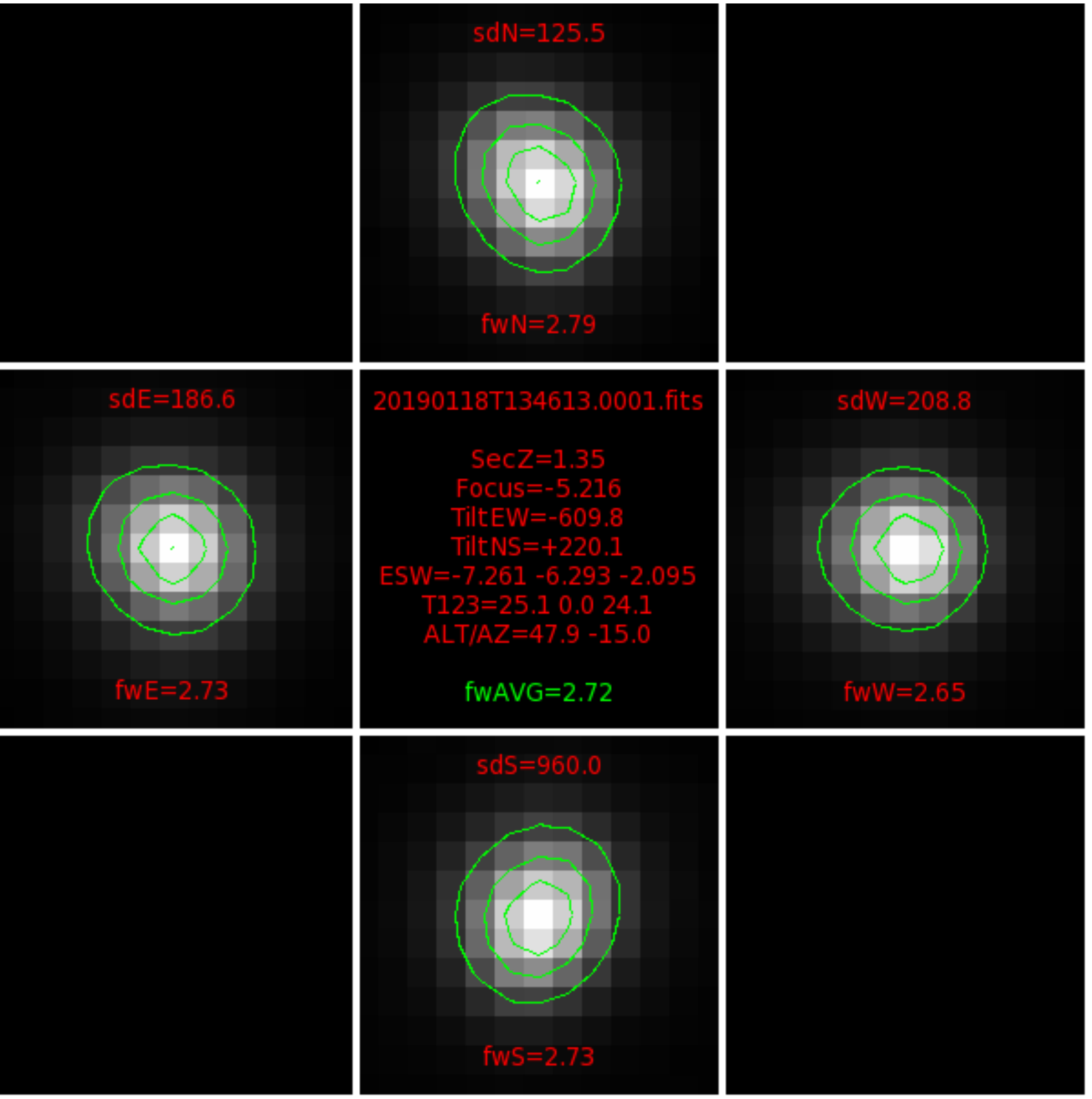
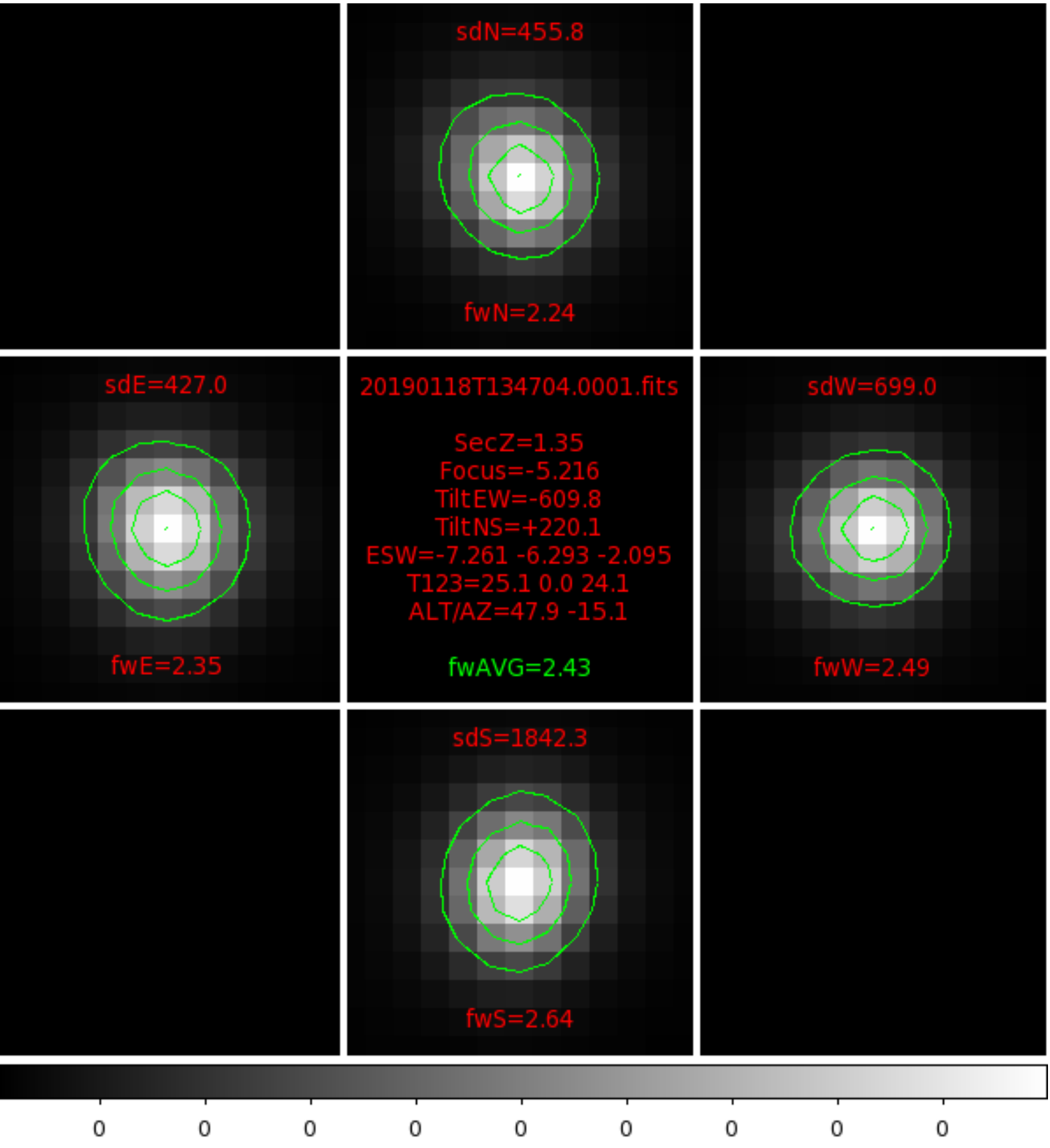
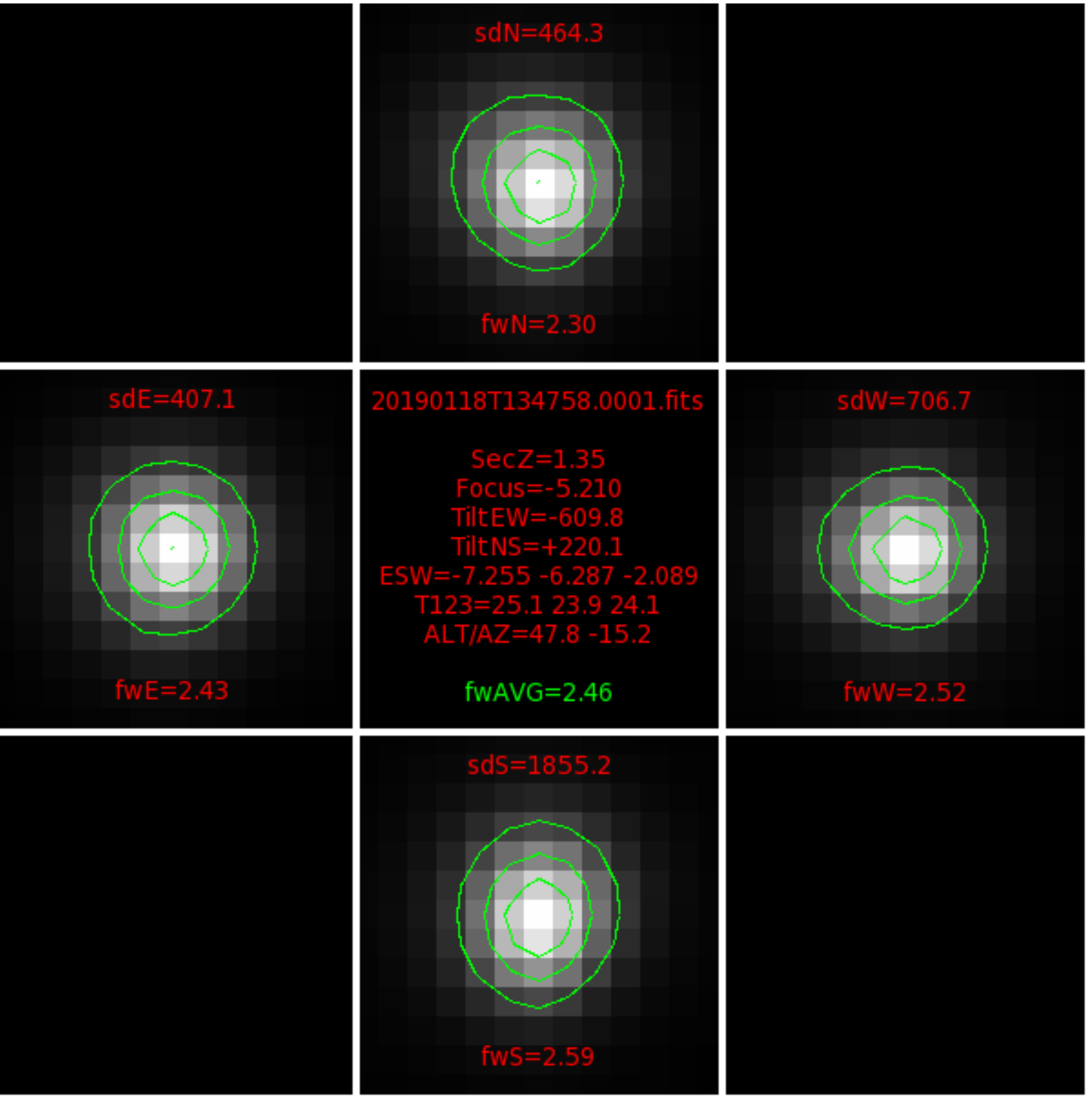

sdN=125.5
fwN=2.79
sdE=186.6
fwE=2.73
20190118T134613.0001.fits
SecZ=1.35
Focus=-5.216
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.261 -6.293 -2.095
T123=25.1 0.0 24.1
ALT/AZ=47.9 -15.0
fwAVG=2.72
sdW=208.8
fwW=2.65
sdS=960.0
fwS=2.73
0 0 0 0 0 0 0 0 0


sdN=455.8
fwN=2.24
sdE=427.0
fwE=2.35
20190118T134704.0001.fits
SecZ=1.35
Focus=-5.216
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.261 -6.293 -2.095
T123=25.1 0.0 24.1
ALT/AZ=47.9 -15.1
fwAVG=2.43
sdW=699.0
fwW=2.49
sdS=1842.3
fwS=2.64
0 0 0 0 0 0 0 0 0


sdN=464.3
fwN=2.30
sdE=407.1
fwE=2.43
20190118T134758.0001.fits
SecZ=1.35
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.1 23.9 24.1
ALT/AZ=47.8 -15.2
fwAVG=2.46
sdW=706.7
fwW=2.52
sdS=1855.2
fwS=2.59
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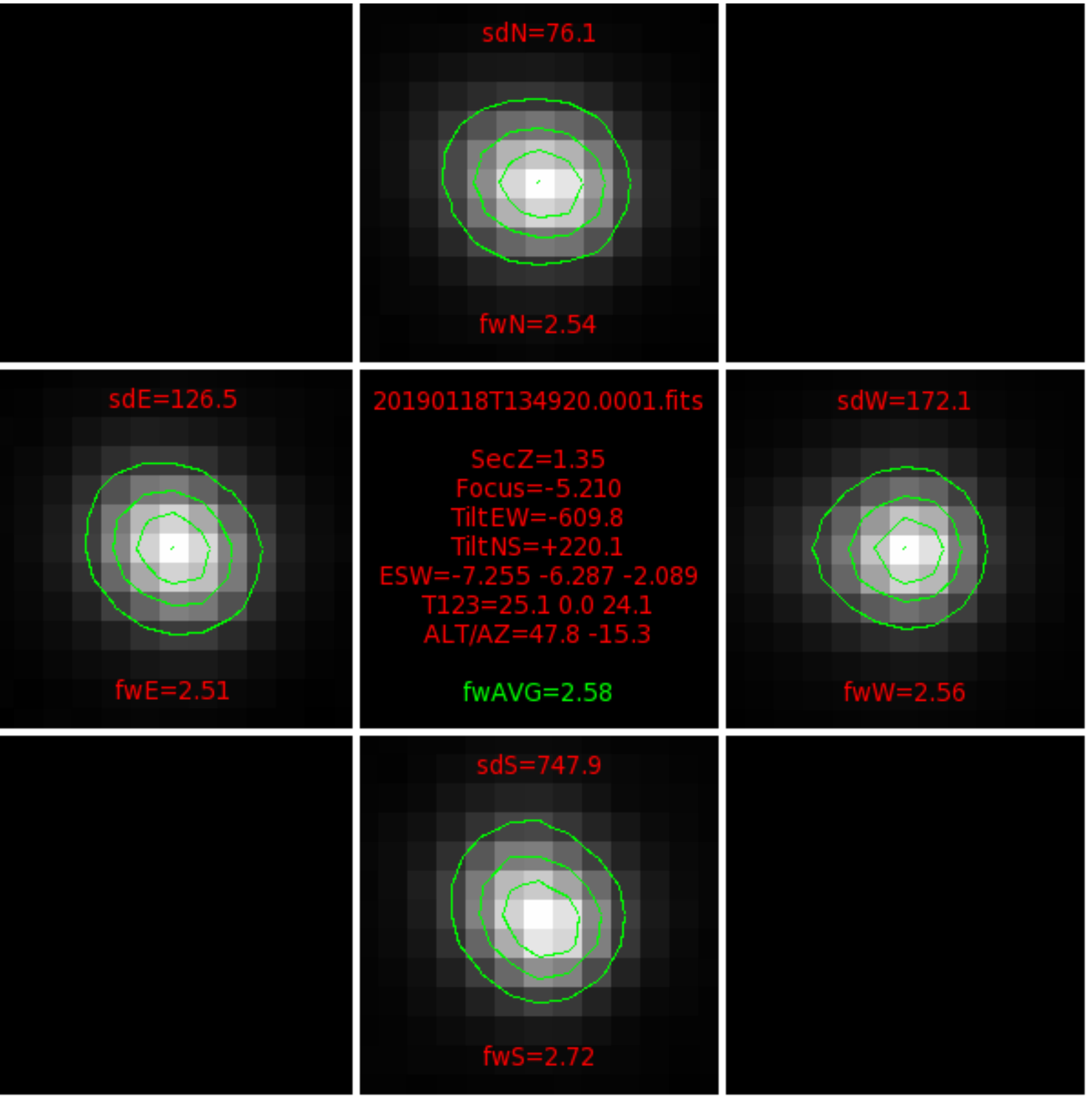
sdN=76.1
fwN=2.54
sdE=126.5
fwE=2.51
20190118T134920.0001.fits
SecZ=1.35
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.1 0.0 24.1
ALT/AZ=47.8 -15.3
fwAVG=2.58
sdW=172.1
fwW=2.56
sdS=747.9
fwS=2.72
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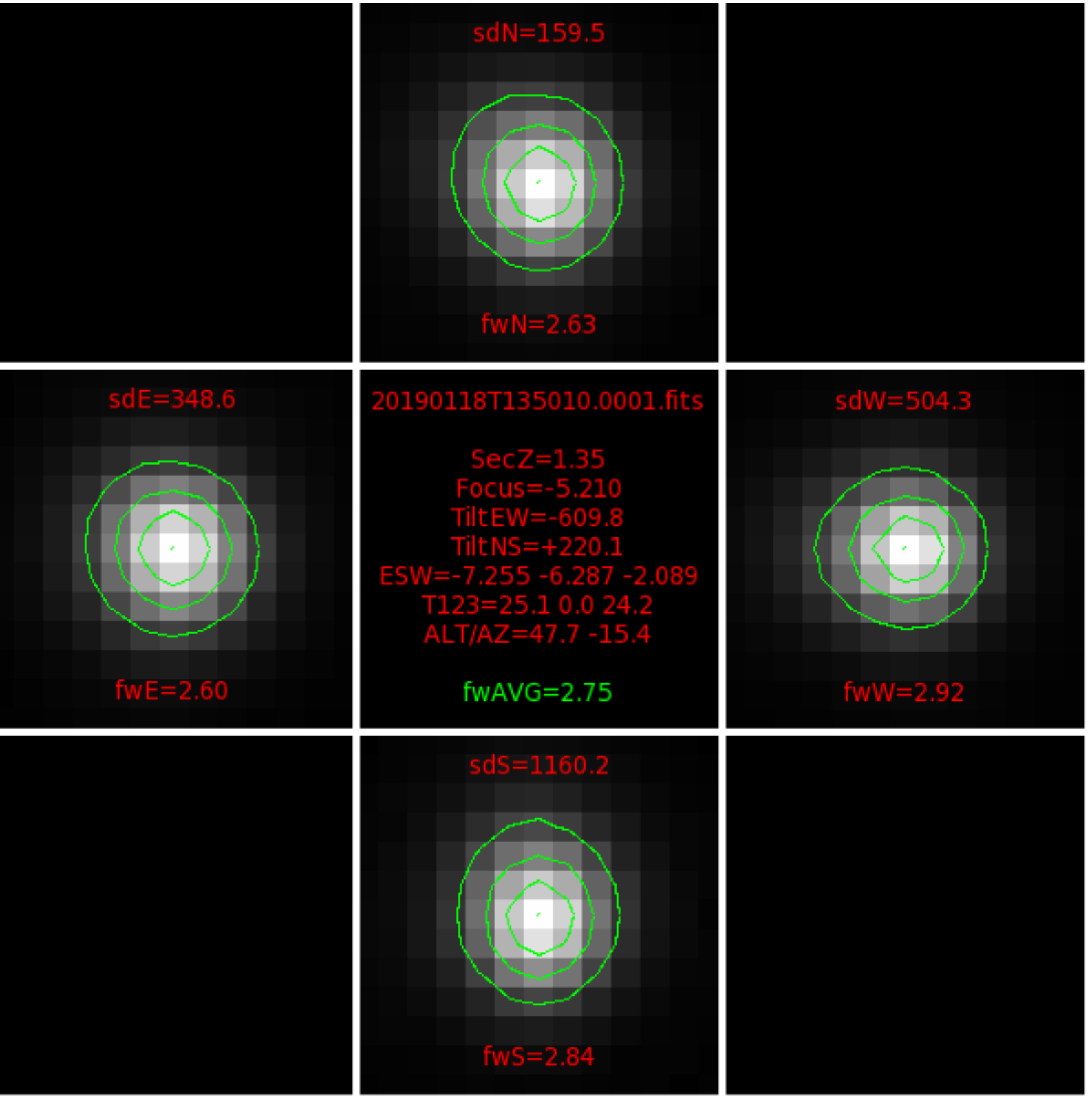
sdN=159.5
fwN=2.63
sdE=348.6
fwE=2.60
20190118T135010.0001.fits
SecZ=1.35
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.1 0.0 24.2
ALT/AZ=47.7 -15.4
fwAVG=2.75
sdW=504.3
fwW=2.92
sdS=1160.2
fwS=2.84
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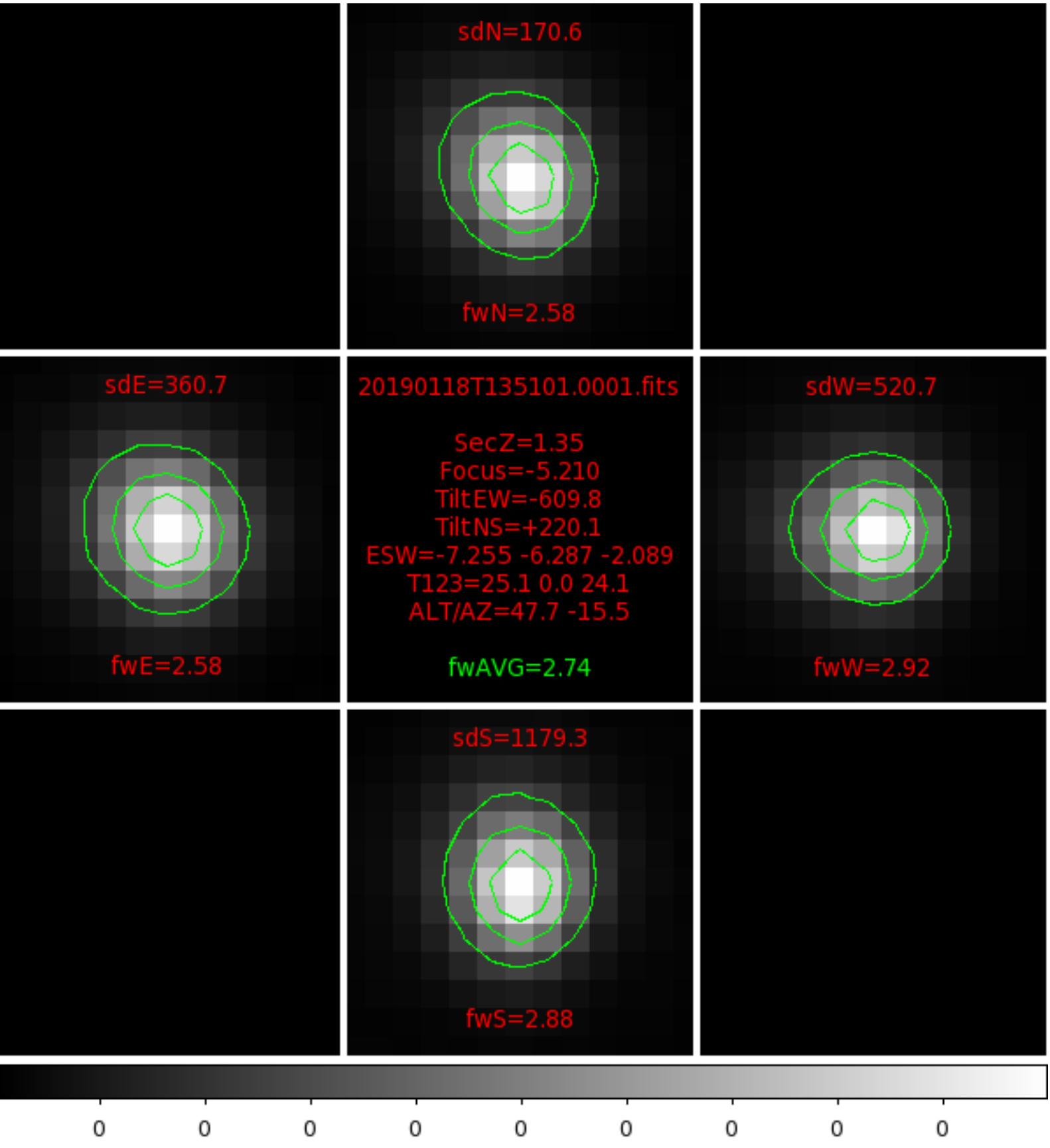
sdN=170.6
fwN=2.58
sdE=360.7
fwE=2.58
20190118T135101.0001.fits
SecZ=1.35
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.1 0.0 24.1
ALT/AZ=47.7 -15.5
fwAVG=2.74
sdW=520.7
fwW=2.92
sdS=1179.3
fwS=2.88
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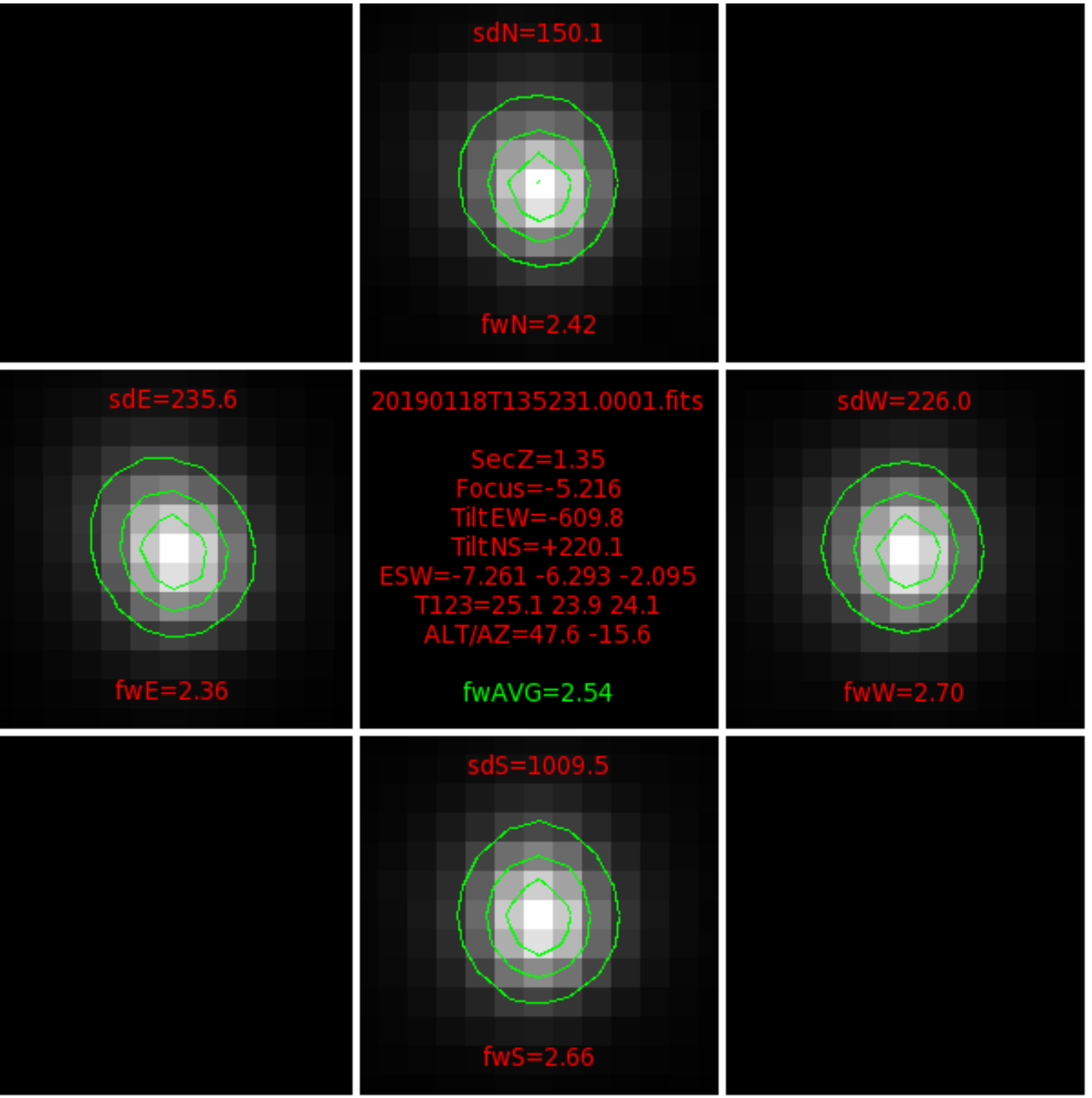
sdN=150.1
fwN=2.42
sdE=235.6
fwE=2.36
20190118T135231.0001.fits
SecZ=1.35
Focus=-5.216
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.261 -6.293 -2.095
T123=25.1 23.9 24.1
ALT/AZ=47.6 -15.6
fwAVG=2.54
sdW=226.0
fwW=2.70
sdS=1009.5
fwS=2.66
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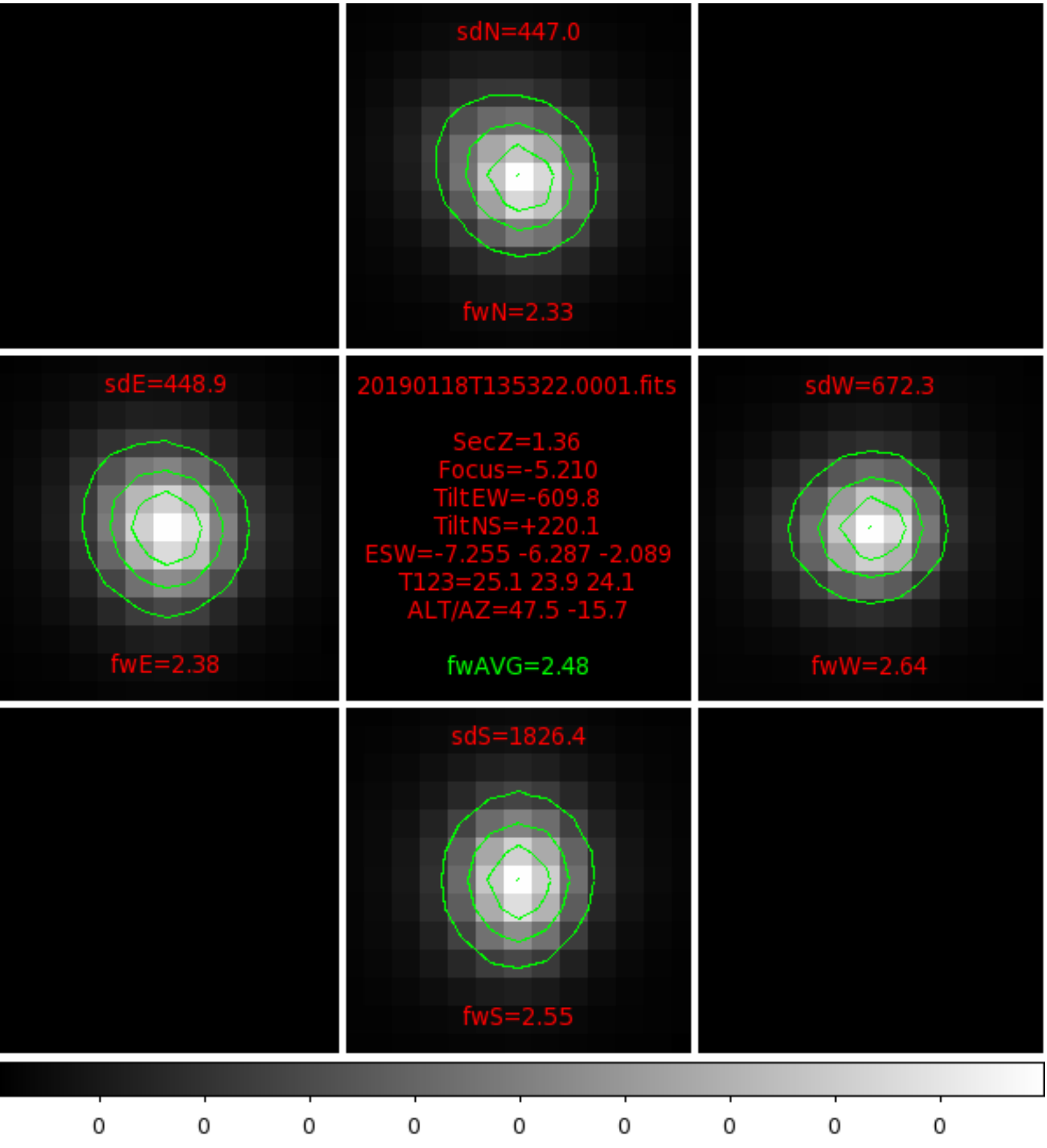
sdN=447.0
fwN=2.33
sdE=448.9
fwE=2.38
20190118T135322.0001.fits
SecZ=1.36
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.1 23.9 24.1
ALT/AZ=47.5 -15.7
fwAVG=2.48
sdW=672.3
fwW=2.64
sdS=1826.4
fwS=2.55
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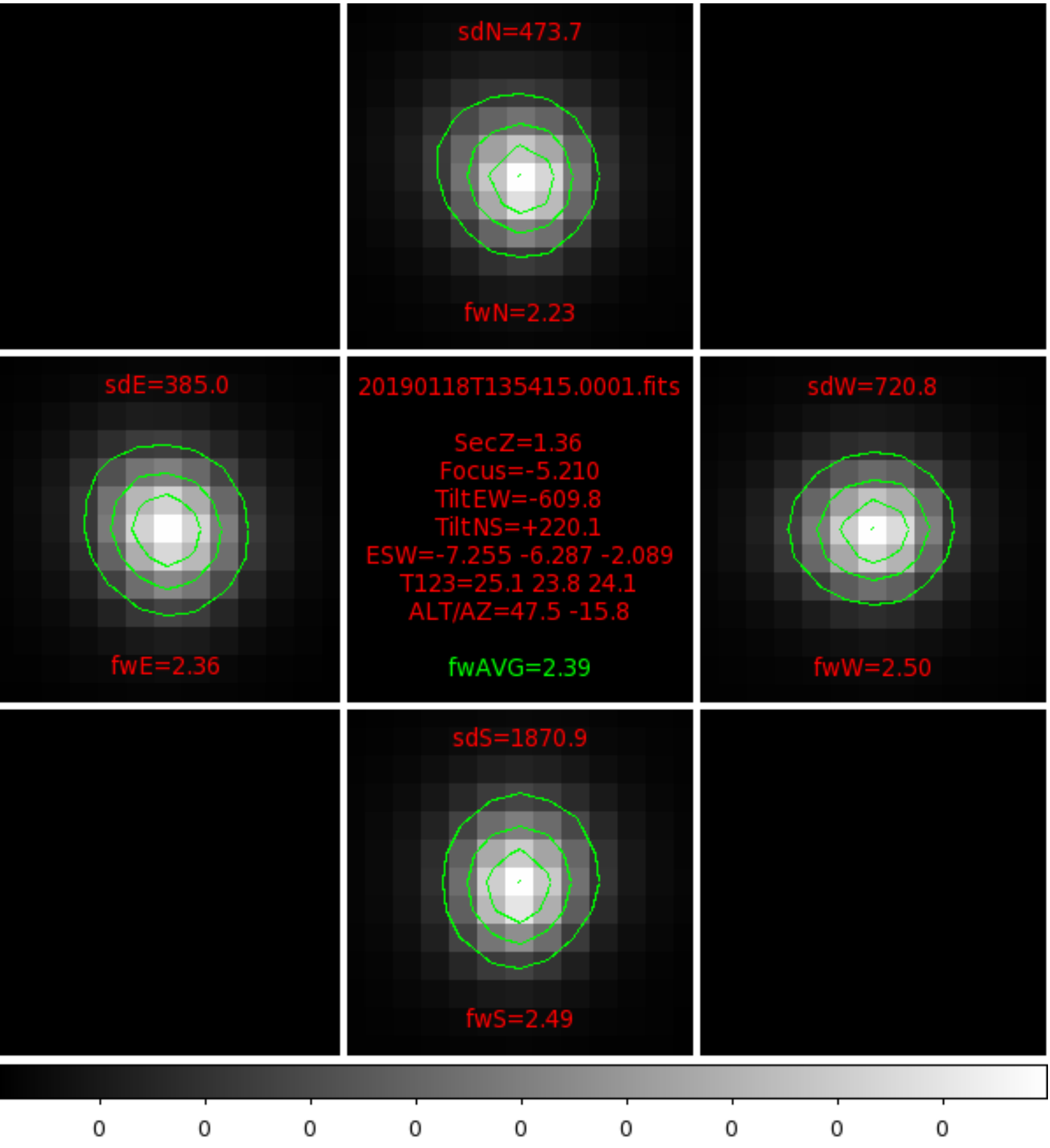
sdN=473.7
fwN=2.23
sdE=385.0
fwE=2.36
20190118T135415.0001.fits
SecZ=1.36
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.1 23.8 24.1
ALT/AZ=47.5 -15.8
fwAVG=2.39
sdW=720.8
fwW=2.50
sdS=1870.9
fwS=2.49
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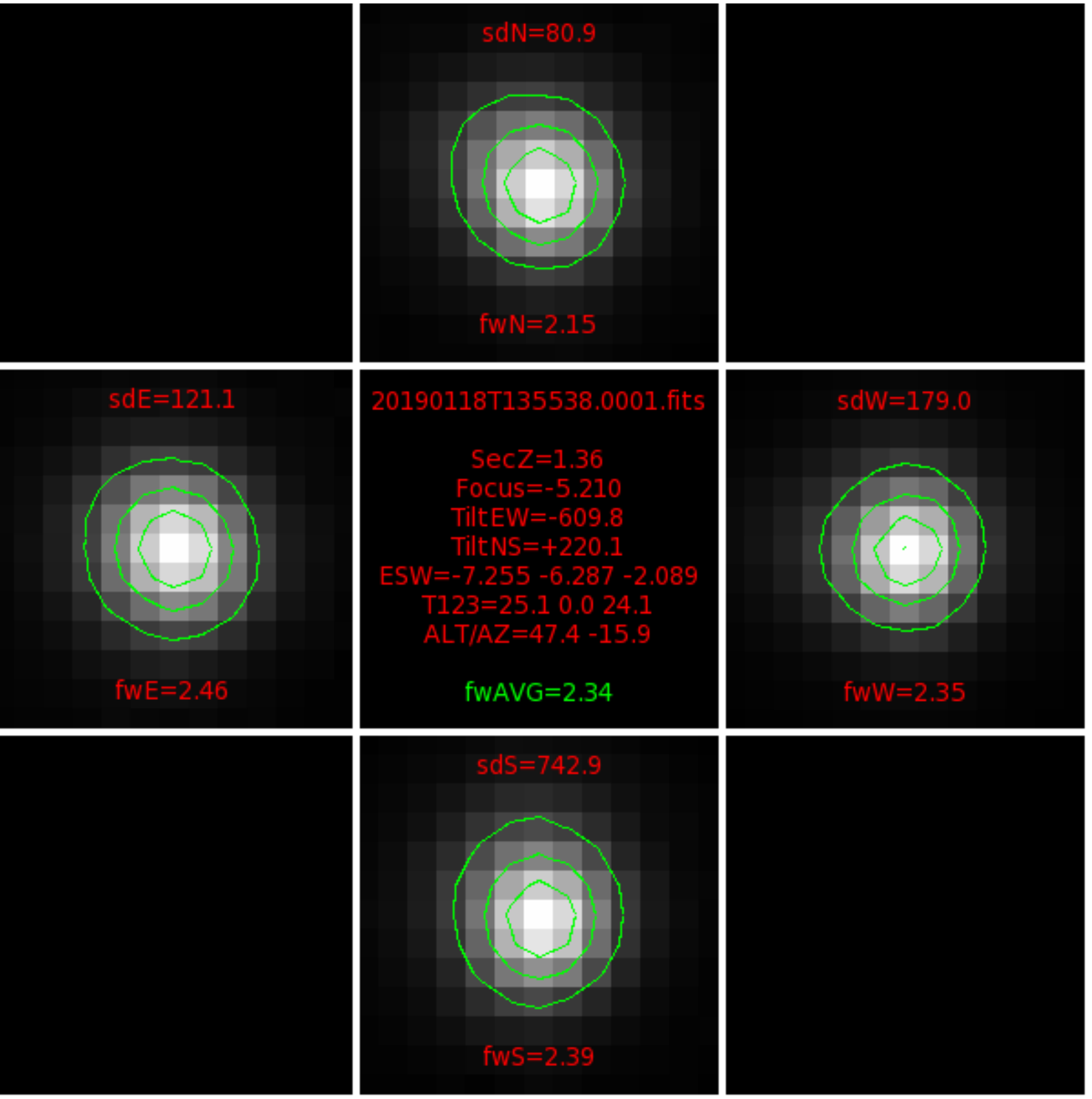
sdN=80.9
fwN=2.15
sdE=121.1
fwE=2.46
20190118T135538.0001.fits
SecZ=1.36
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.1 0.0 24.1
ALT/AZ=47.4 -15.9
fwAVG=2.34
sdW=179.0
fwW=2.35
sdS=742.9
fwS=2.39
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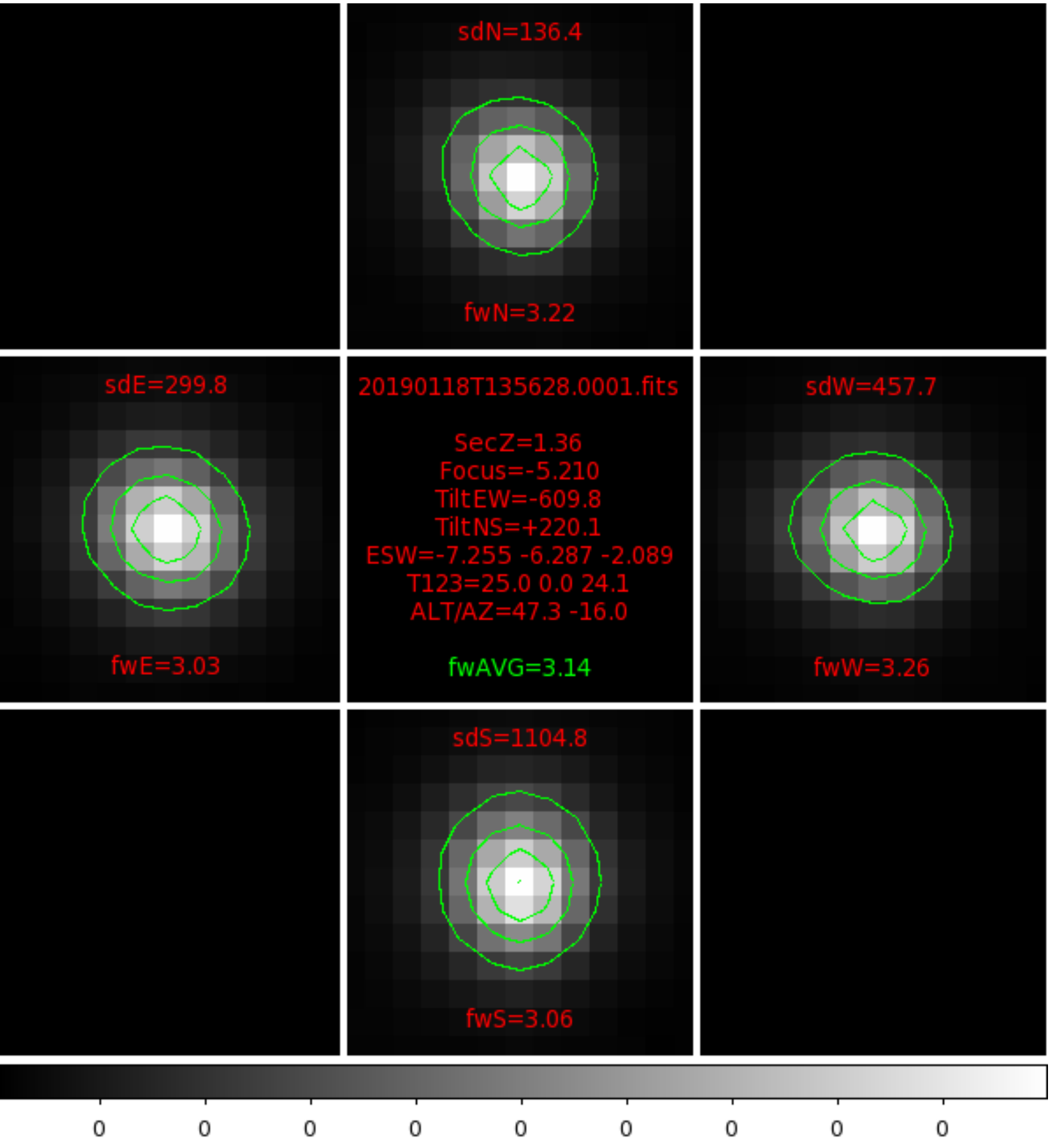
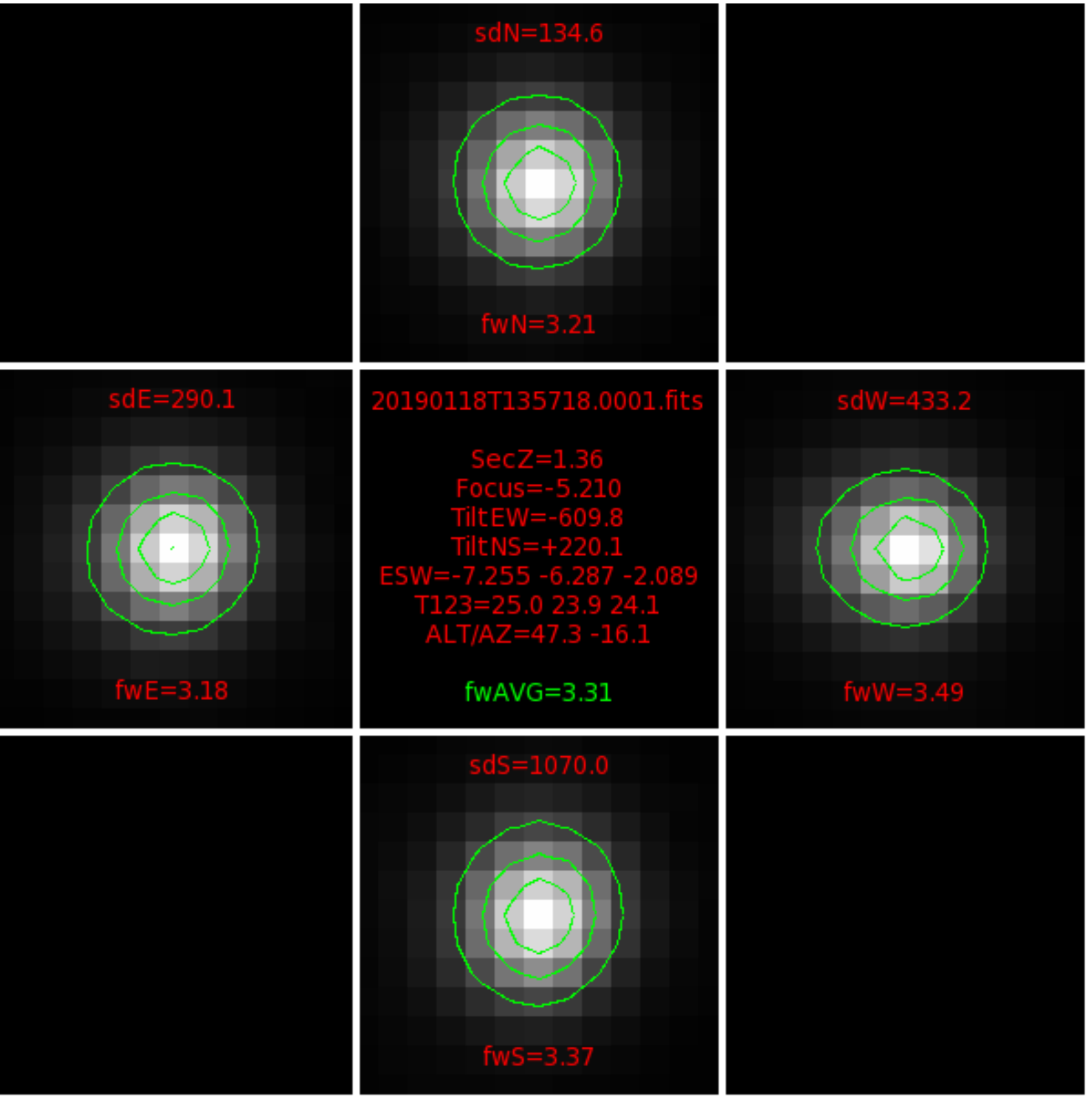

sdN=136.4
fwN=3.22
sdE=299.8
fwE=3.03
20190118T135628.0001.fits
SecZ=1.36
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 0.0 24.1
ALT/AZ=47.3 -16.0
fwAVG=3.14
sdW=457.7
fwW=3.26
sdS=1104.8
fwS=3.06
0 0 0 0 0 0 0 0 0


sdN=134.6
fwN=3.21
sdE=290.1
fwE=3.18
20190118T135718.0001.fits
SecZ=1.36
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 23.9 24.1
ALT/AZ=47.3 -16.1
fwAVG=3.31
sdW=433.2
fwW=3.49
sdS=1070.0
fwS=3.37
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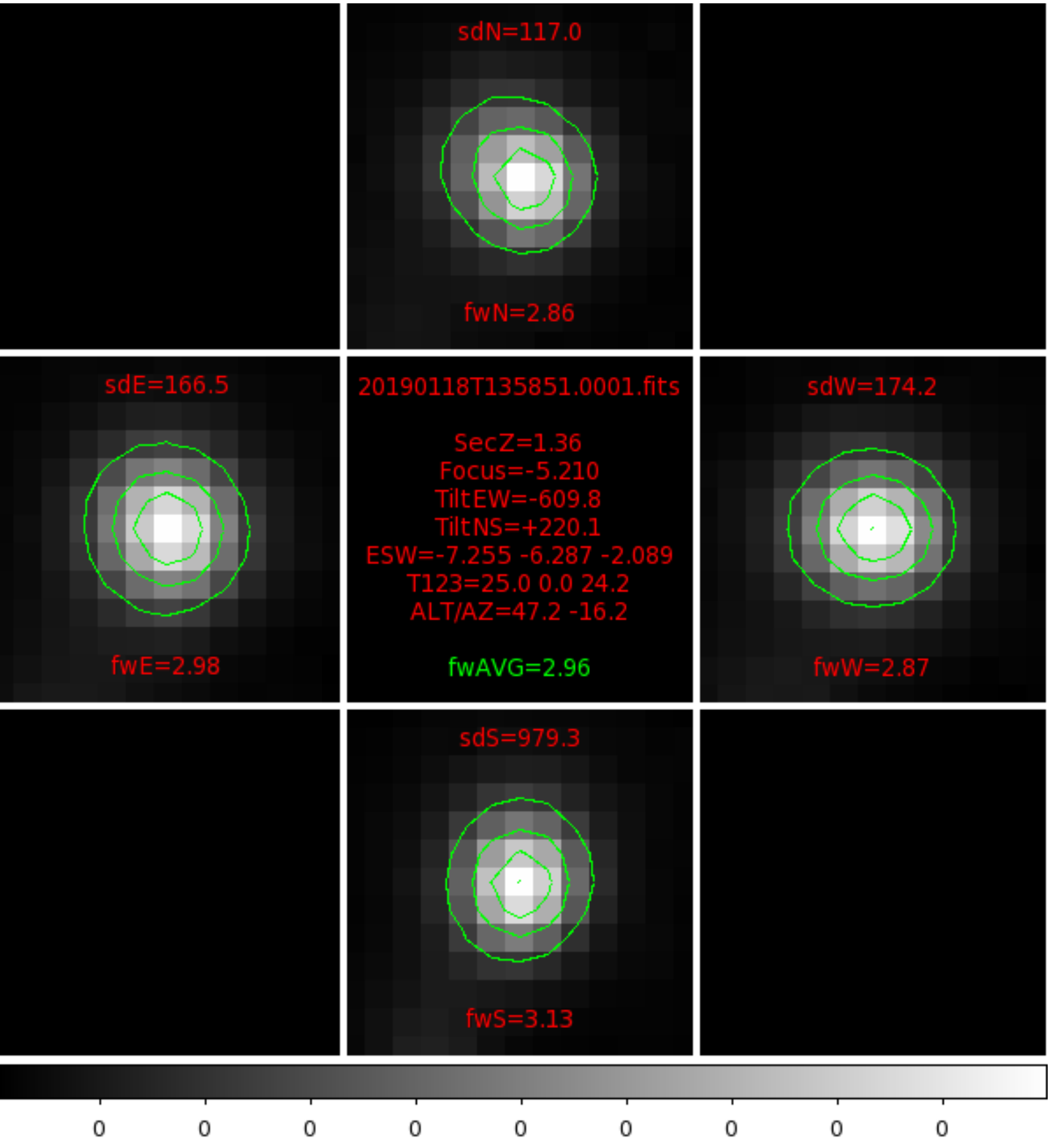
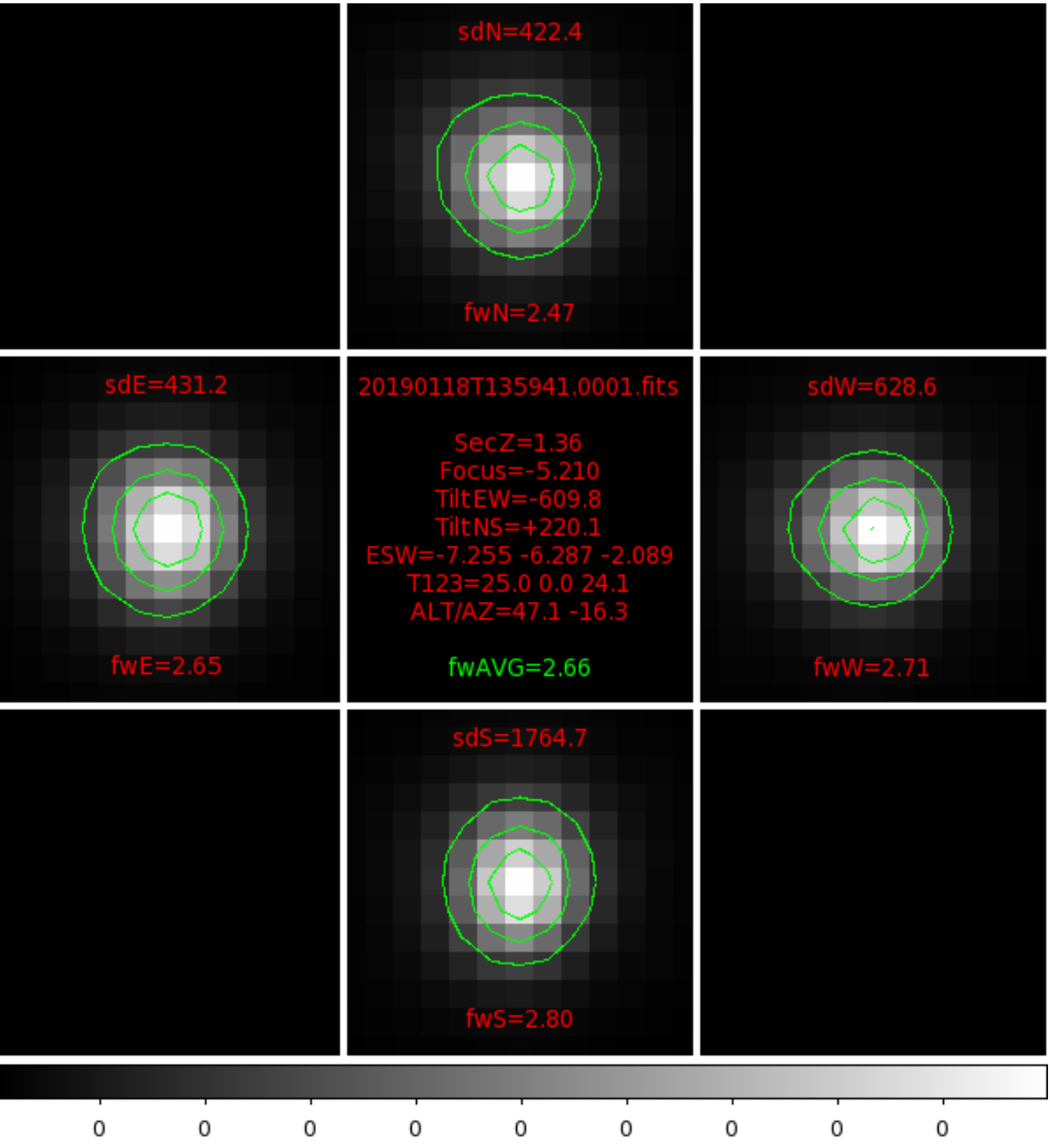
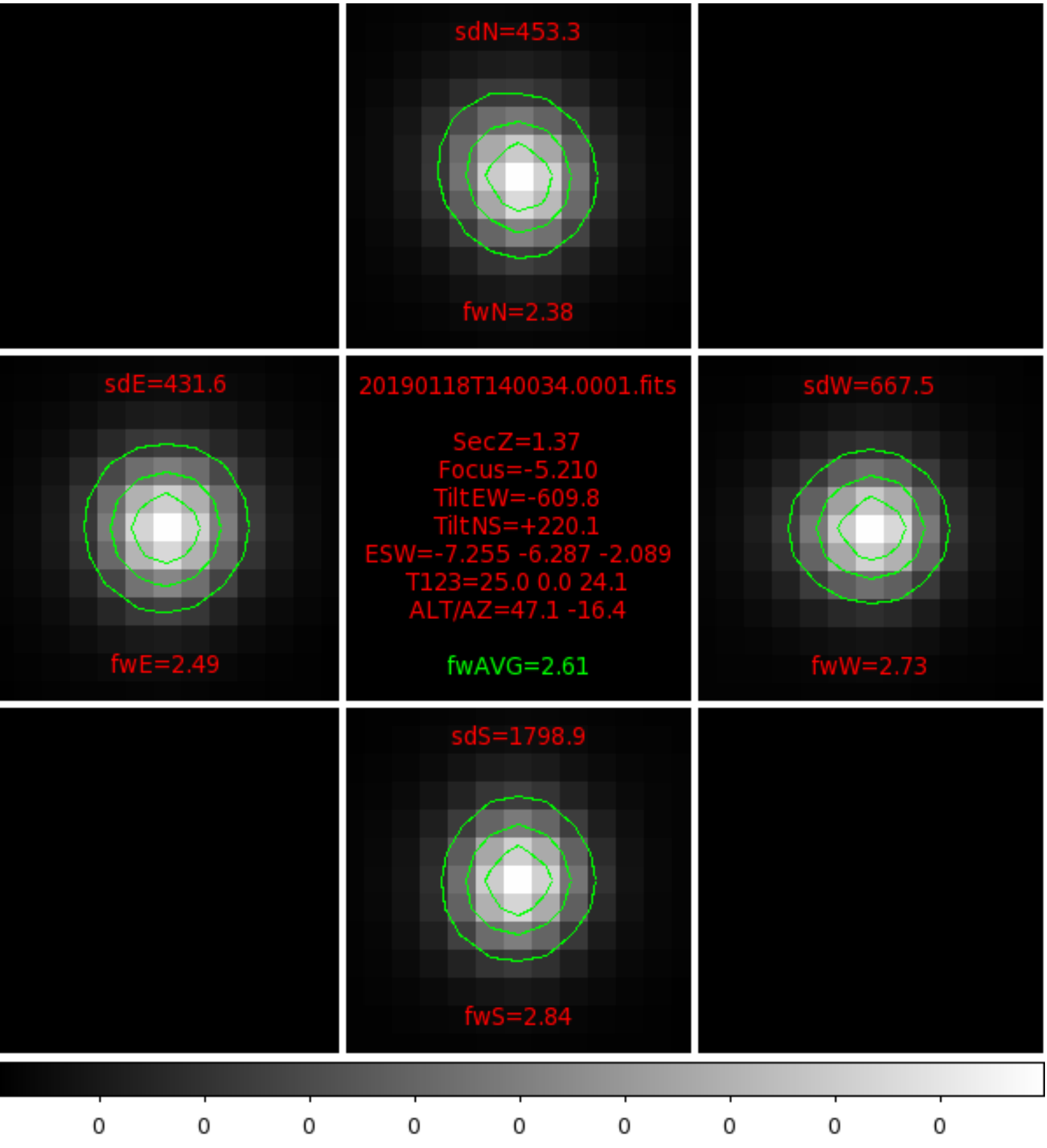

sdN=117.0
fwN=2.86
sdE=166.5
fwE=2.98
20190118T135851.0001.fits
SecZ=1.36
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 0.0 24.2
ALT/AZ=47.2 -16.2
fwAVG=2.96
sdW=174.2
fwW=2.87
sdS=979.3
fwS=3.13
0 0 0 0 0 0 0 0 0


sdN=422.4
fwN=2.47
sdE=431.2
fwE=2.65
20190118T135941.0001.fits
SecZ=1.36
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 0.0 24.1
ALT/AZ=47.1 -16.3
fwAVG=2.66
sdW=628.6
fwW=2.71
sdS=1764.7
fwS=2.80
0 0 0 0 0 0 0 0 0


sdN=453.3
fwN=2.38
sdE=431.6
fwE=2.49
20190118T140034.0001.fits
SecZ=1.37
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 0.0 24.1
ALT/AZ=47.1 -16.4
fwAVG=2.61
sdW=667.5
fwW=2.73
sdS=1798.9
fwS=2.84
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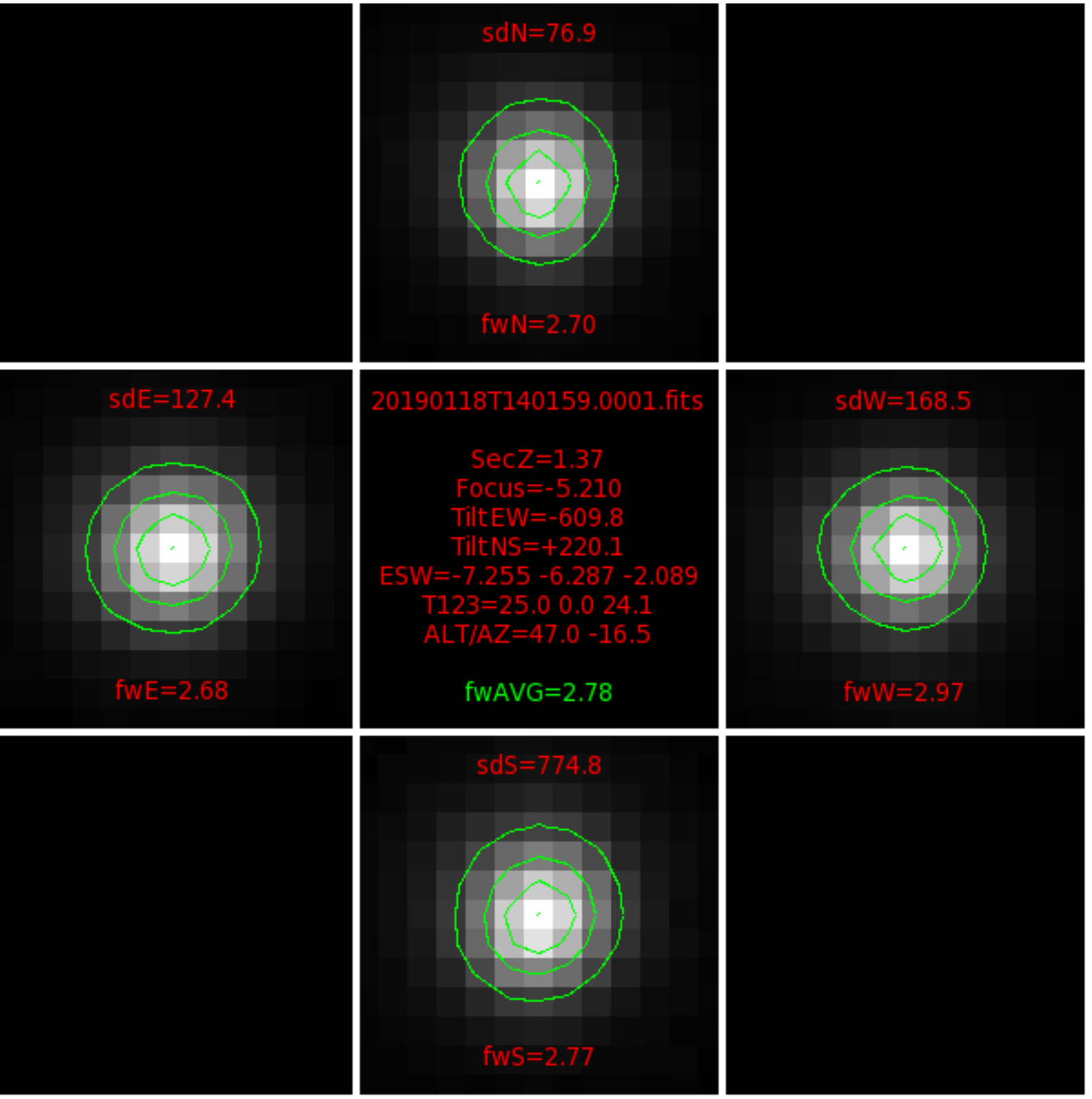
sdN=76.9
fwN=2.70
sdE=127.4
fwE=2.68
20190118T140159.0001.fits
SecZ=1.37
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 0.0 24.1
ALT/AZ=47.0 -16.5
fwAVG=2.78
sdW=168.5
fwW=2.97
sdS=774.8
fwS=2.77
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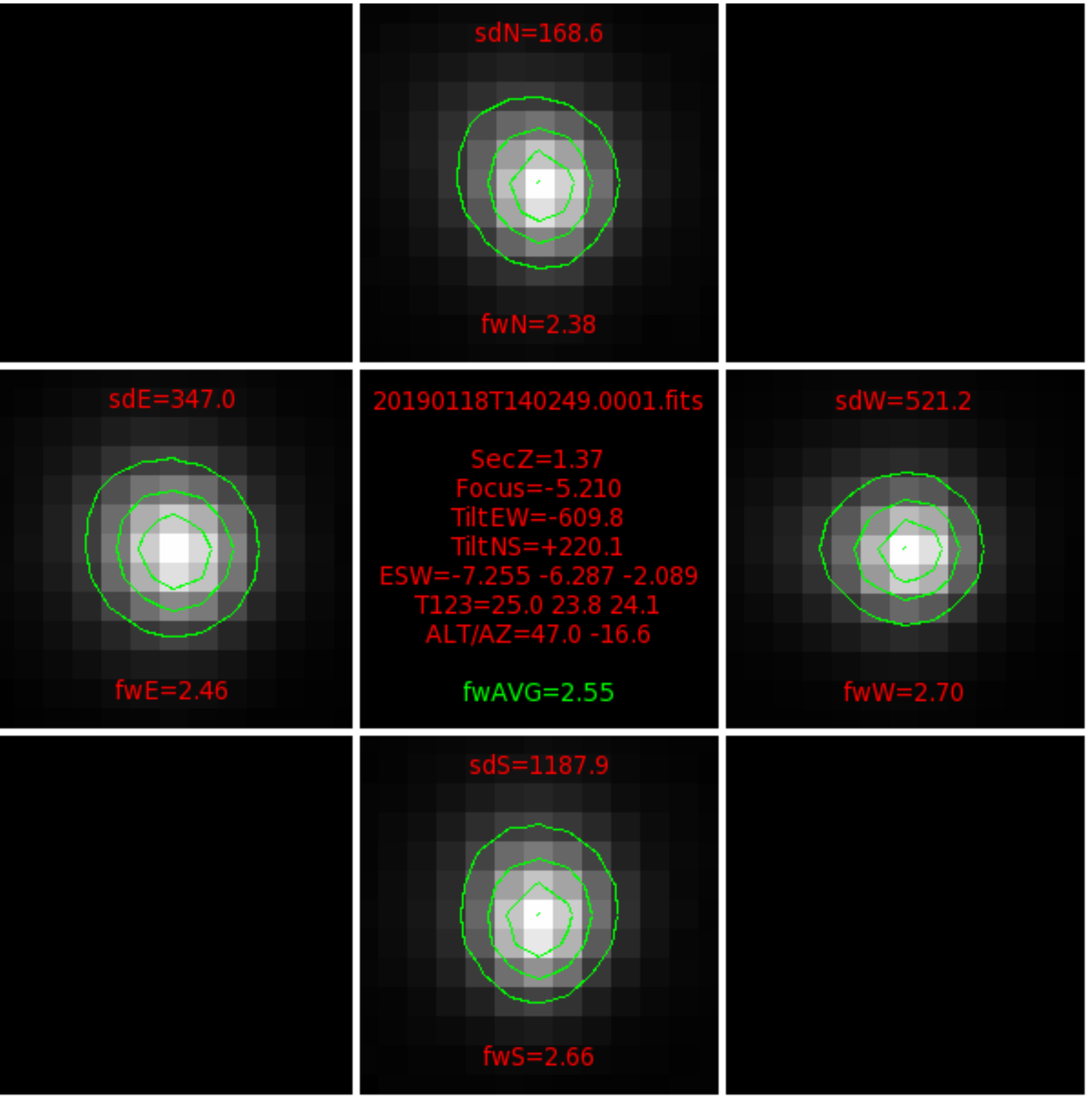
sdN=168.6
fwN=2.38
sdE=347.0
fwE=2.46
20190118T140249.0001.fits
SecZ=1.37
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 23.8 24.1
ALT/AZ=47.0 -16.6
fwAVG=2.55
sdW=521.2
fwW=2.70
sdS=1187.9
fwS=2.66
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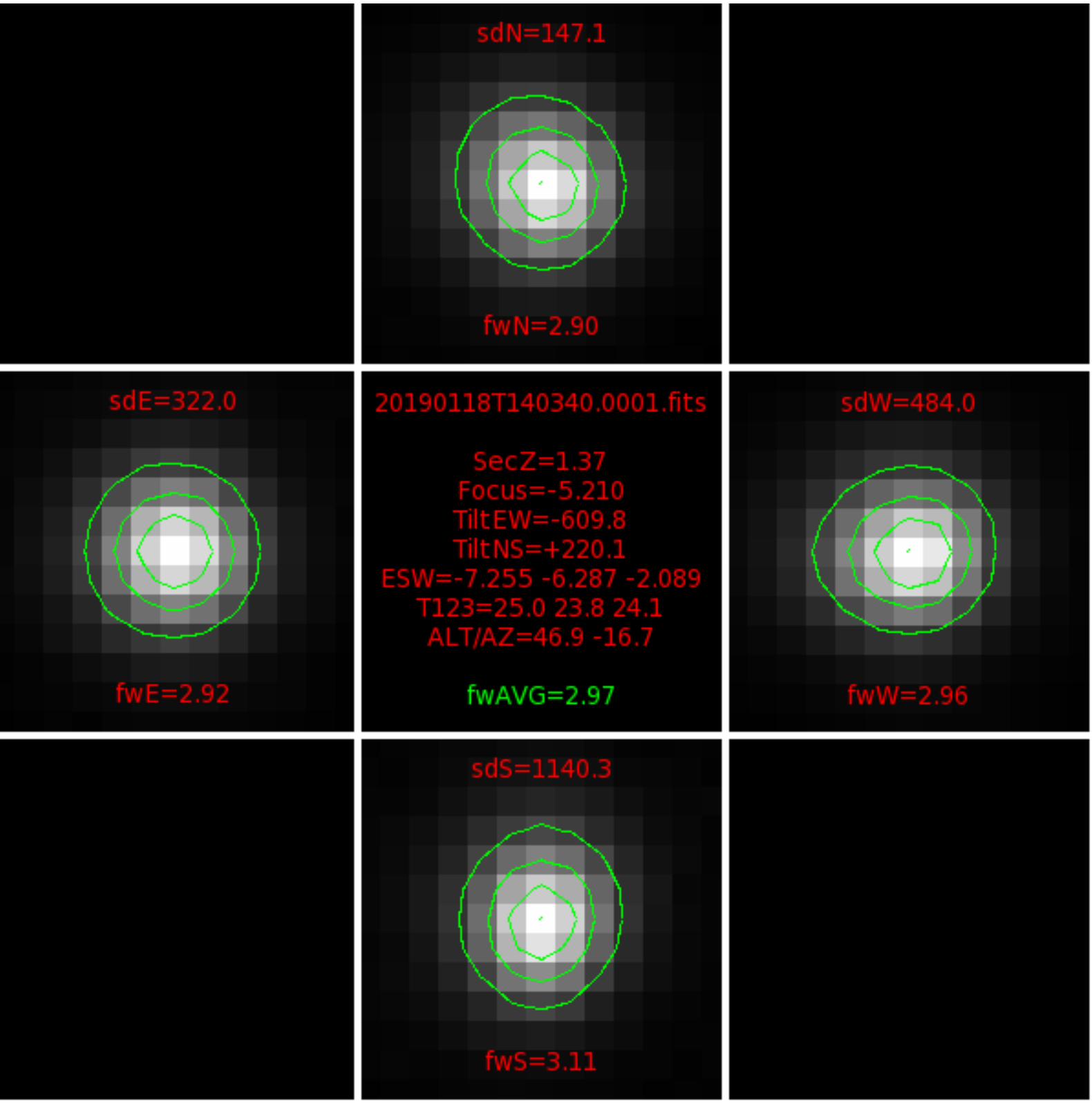
sdN=147.1
fwN=2.90
sdE=322.0
fwE=2.92
20190118T140340.0001.fits
SecZ=1.37
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 23.8 24.1
ALT/AZ=46.9 -16.7
fwAVG=2.97
sdW=484.0
fwW=2.96
sdS=1140.3
fwS=3.11
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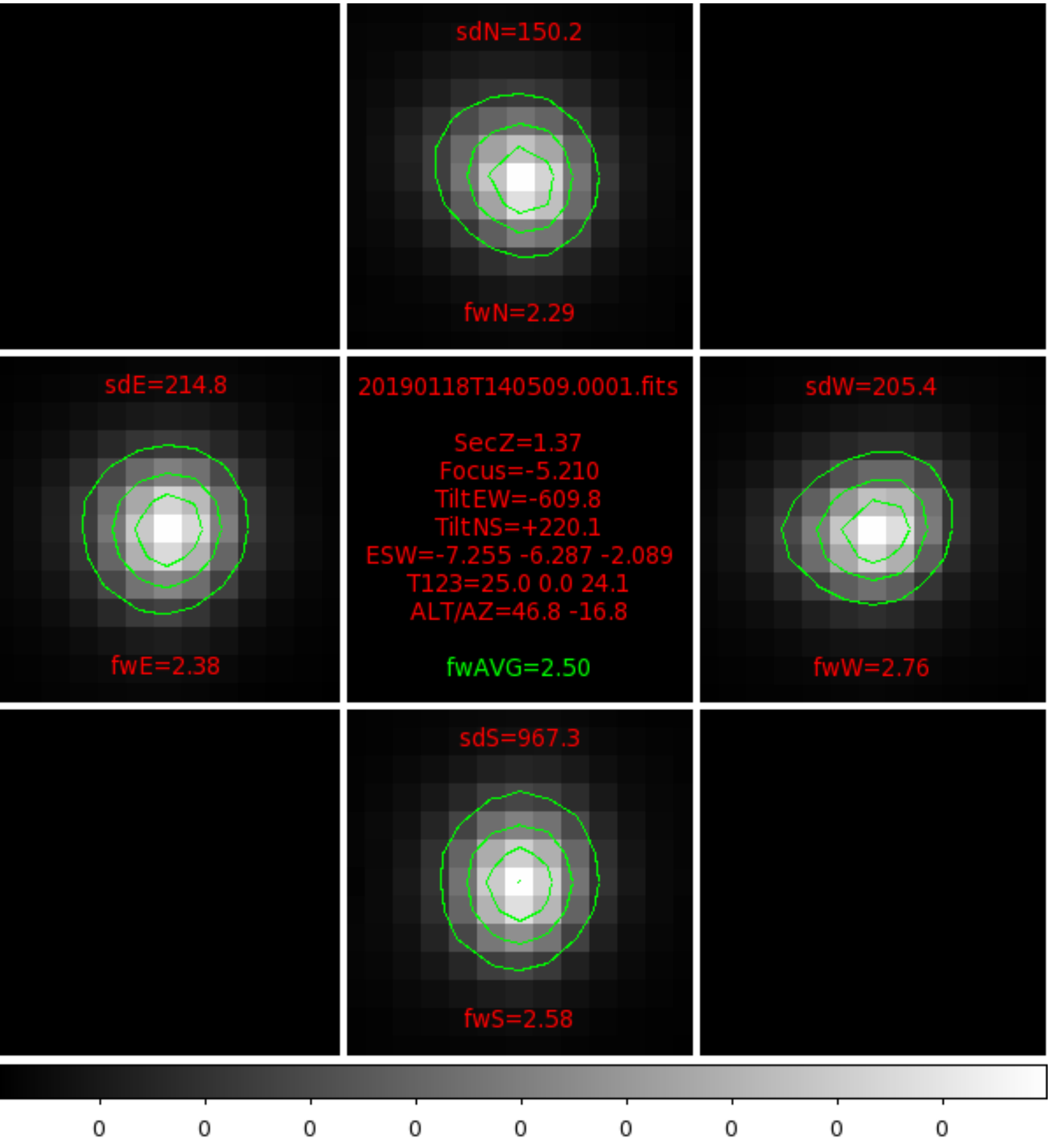
sdN=150.2
fwN=2.29
sdE=214.8
fwE=2.38
20190118T140509.0001.fits
SecZ=1.37
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 0.0 24.1
ALT/AZ=46.8 -16.8
fwAVG=2.50
sdW=205.4
fwW=2.76
sdS=967.3
fwS=2.58
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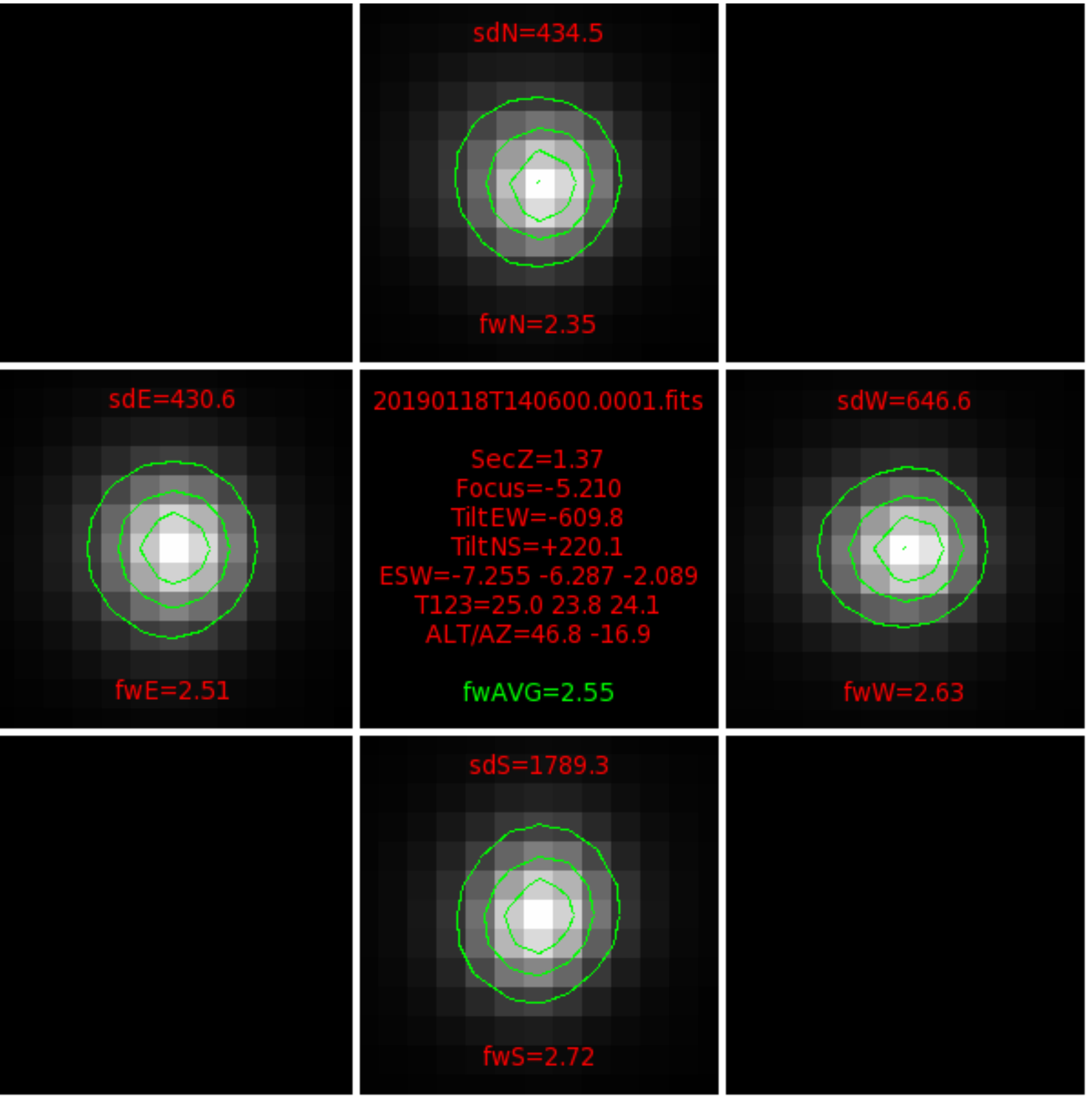
sdN=434.5
fwN=2.35
sdE=430.6
fwE=2.51
20190118T140600.0001.fits
SecZ=1.37
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 23.8 24.1
ALT/AZ=46.8 -16.9
fwAVG=2.55
sdW=646.6
fwW=2.63
sdS=1789.3
fwS=2.72
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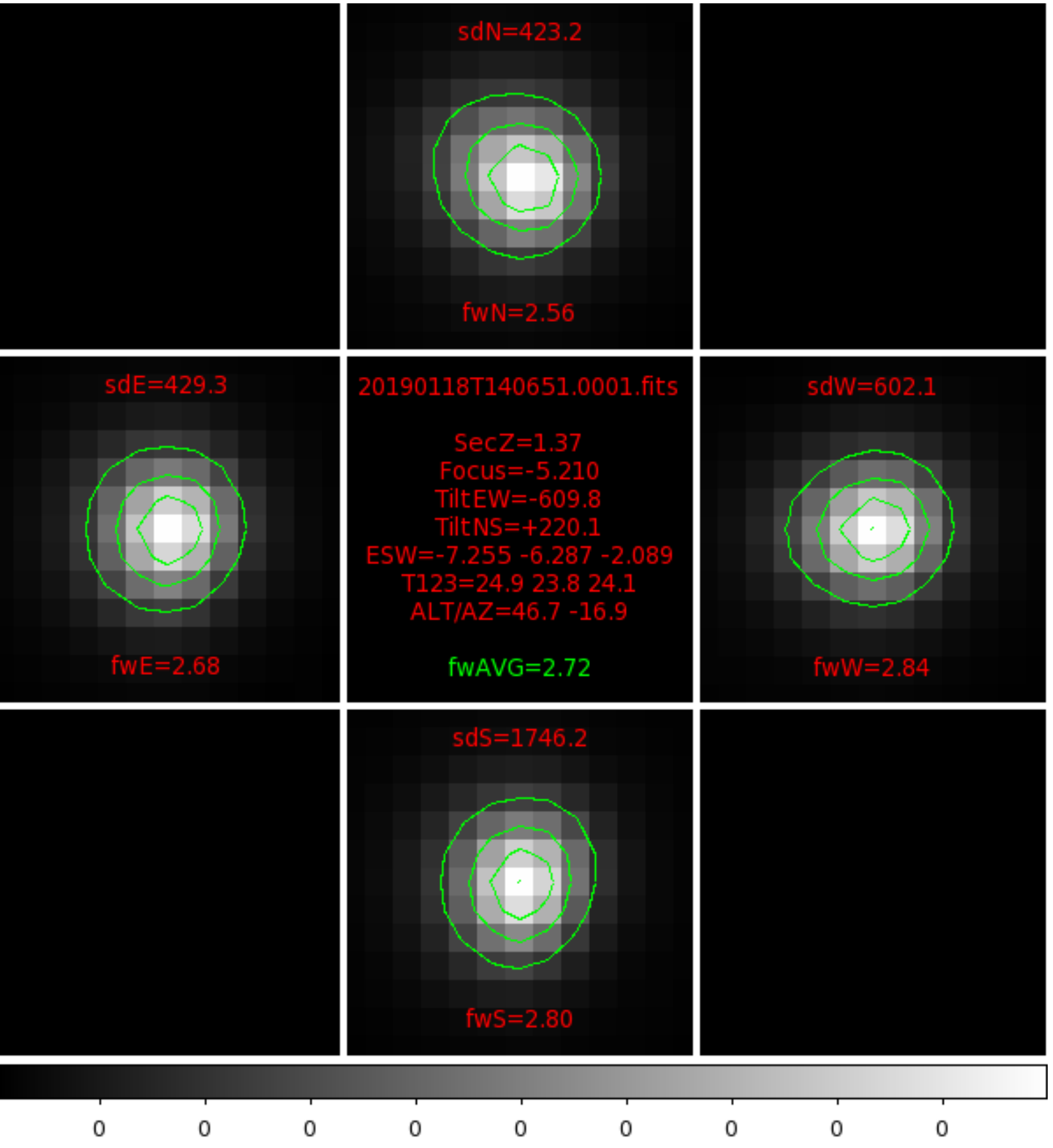
sdN=423.2
fwN=2.56
sdE=429.3
fwE=2.68
20190118T140651.0001.fits
SecZ=1.37
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.9 23.8 24.1
ALT/AZ=46.7 -16.9
fwAVG=2.72
sdW=602.1
fwW=2.84
sdS=1746.2
fwS=2.80
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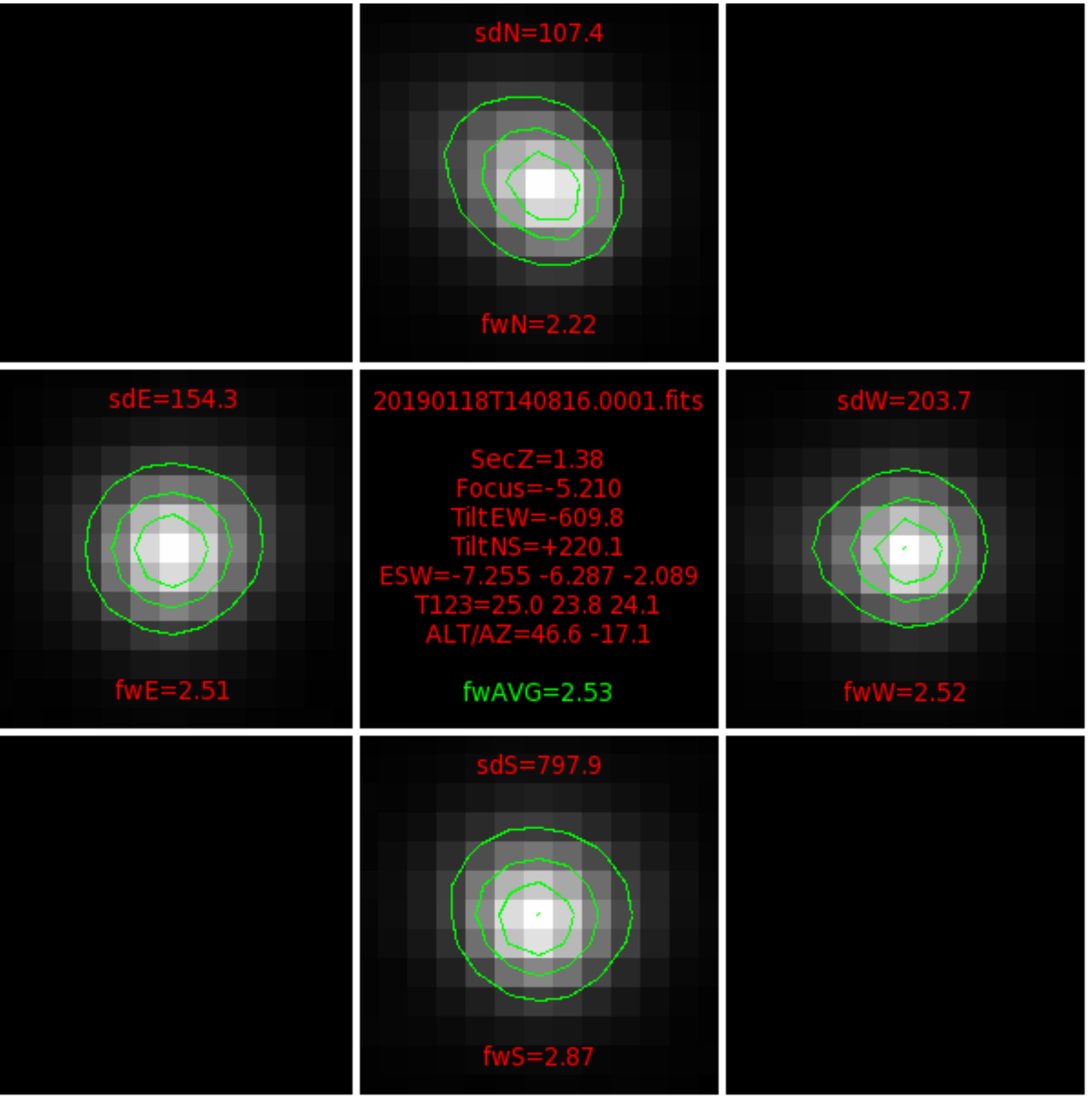
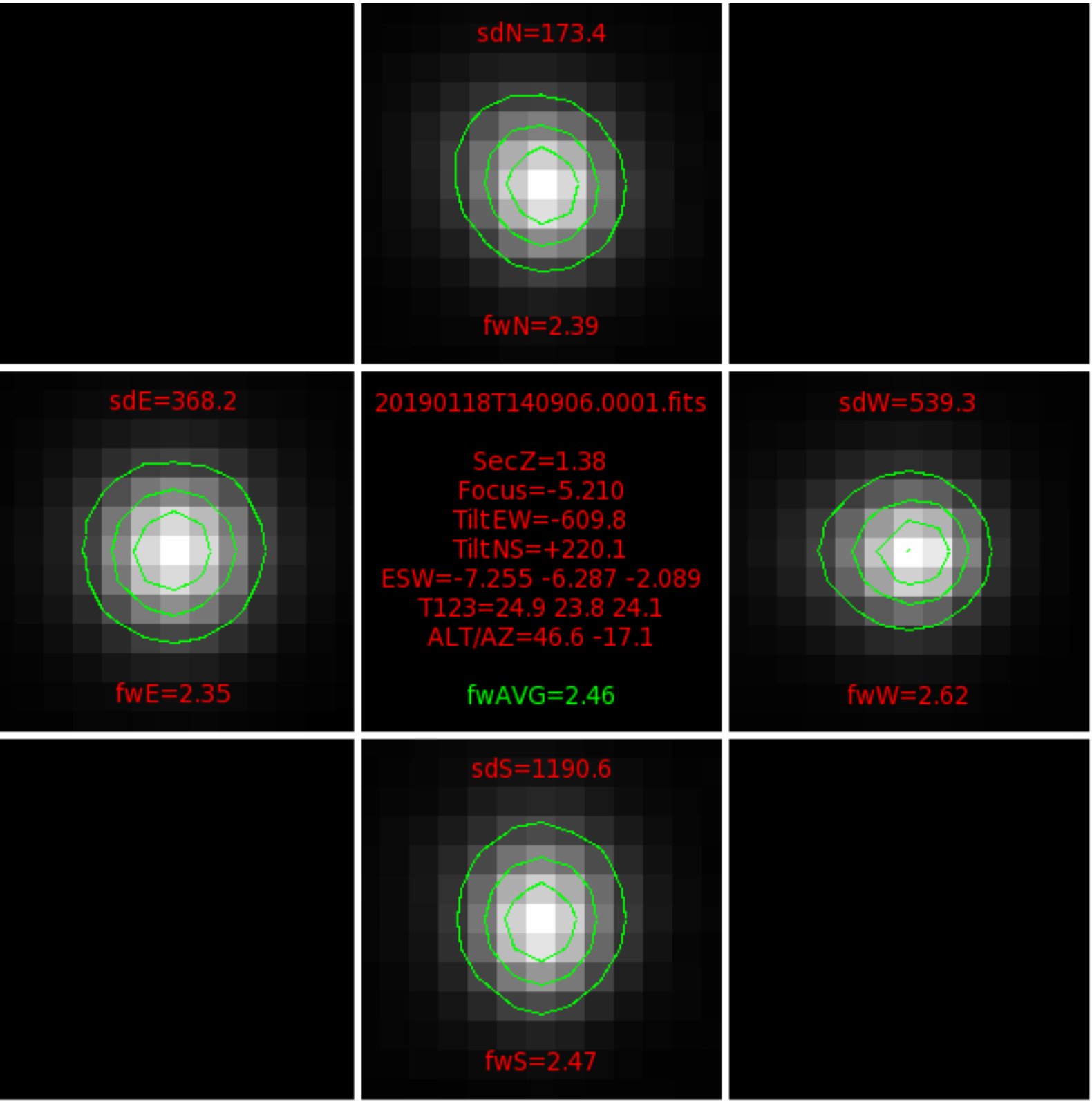

sdN=107.4
fwN=2.22
sdE=154.3
fwE=2.51
20190118T140816.0001.fits
SecZ=1.38
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 23.8 24.1
ALT/AZ=46.6 -17.1
fwAVG=2.53
sdW=203.7
fwW=2.52
sdS=797.9
fwS=2.87
0 0 0 0 0 0 0 0 0


sdN=173.4
fwN=2.39
sdE=368.2
fwE=2.35
20190118T140906.0001.fits
SecZ=1.38
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.9 23.8 24.1
ALT/AZ=46.6 -17.1
fwAVG=2.46
sdW=539.3
fwW=2.62
sdS=1190.6
fwS=2.47
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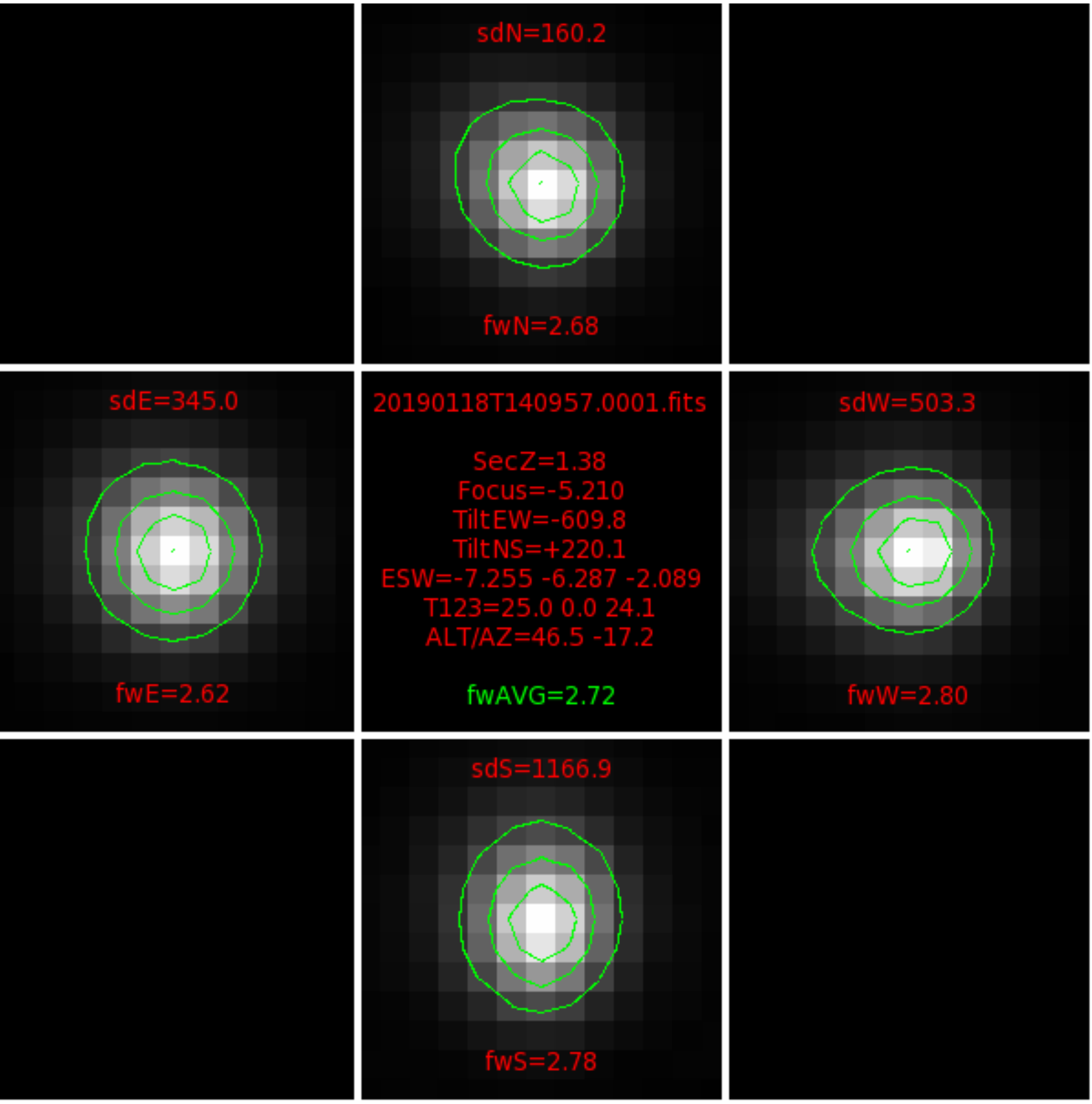
sdN=160.2
fwN=2.68
sdE=345.0
fwE=2.62
20190118T140957.0001.fits
SecZ=1.38
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 0.0 24.1
ALT/AZ=46.5 -17.2
fwAVG=2.72
sdW=503.3
fwW=2.80
sdS=1166.9
fwS=2.78
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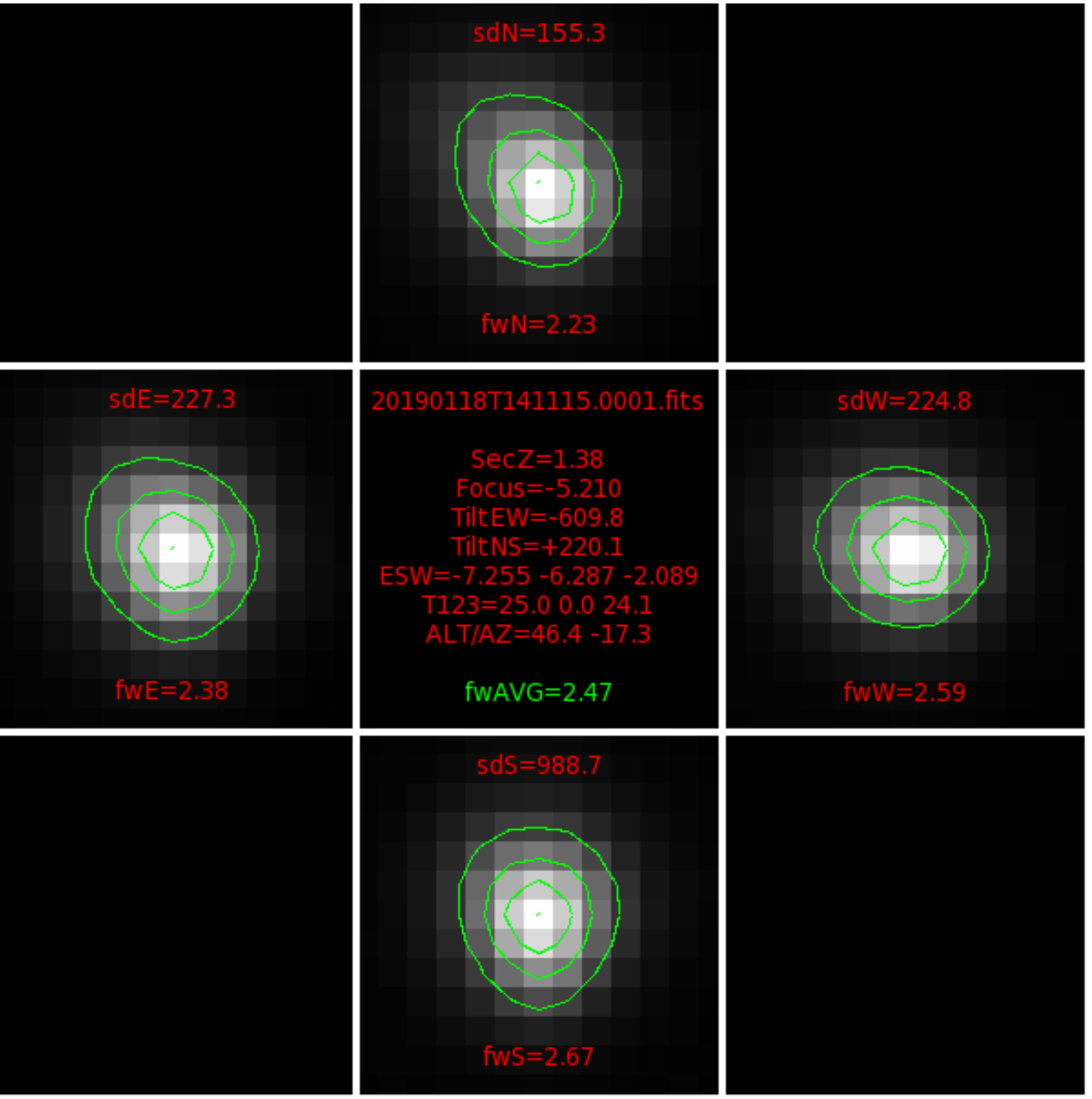
sdN=155.3
fwN=2.23
sdE=227.3
fwE=2.38
20190118T141115.0001.fits
SecZ=1.38
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 0.0 24.1
ALT/AZ=46.4 -17.3
fwAVG=2.47
sdW=224.8
fwW=2.59
sdS=988.7
fwS=2.67
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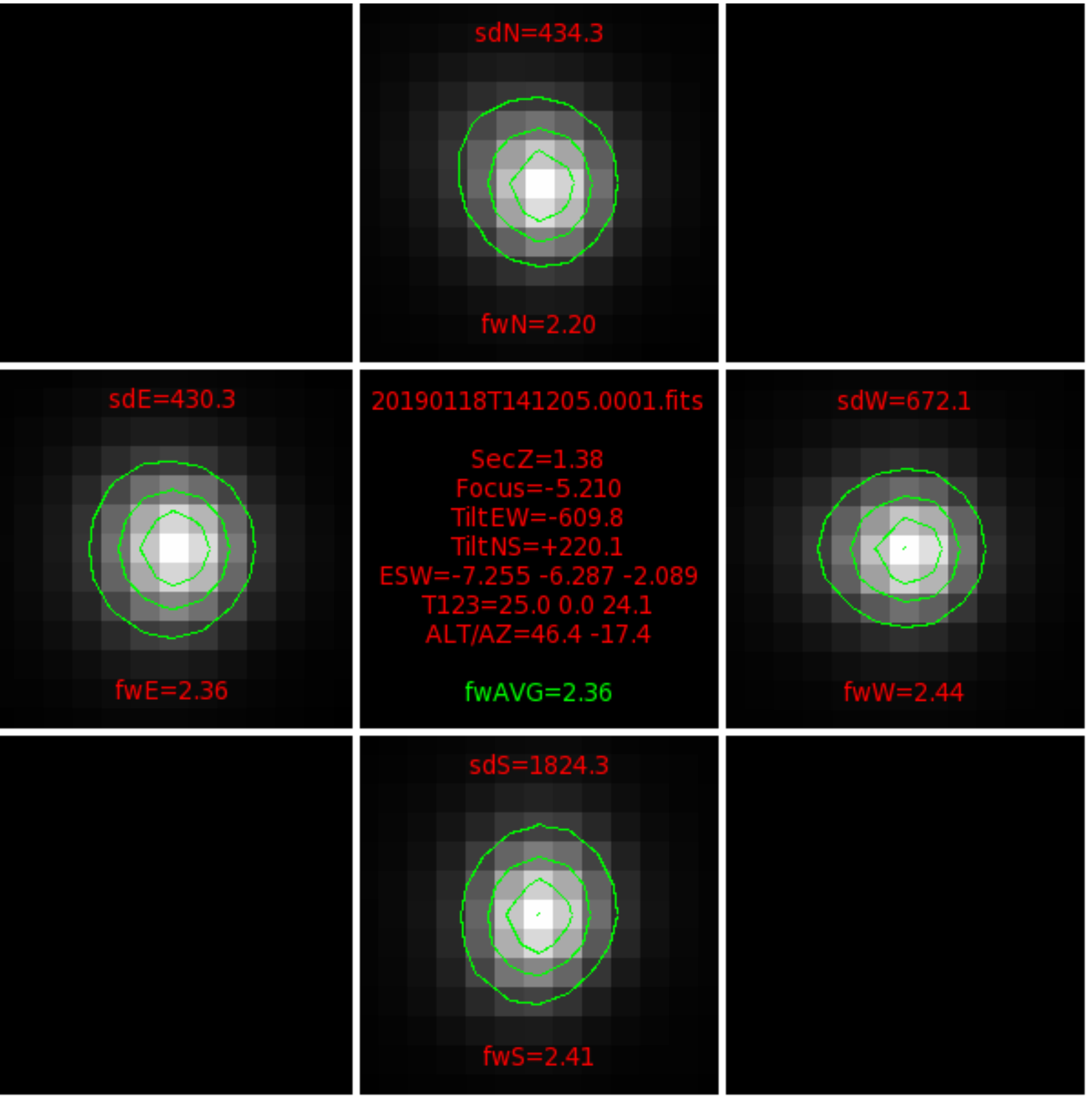
sdN=434.3
fwN=2.20
sdE=430.3
fwE=2.36
20190118T141205.0001.fits
SecZ=1.38
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 0.0 24.1
ALT/AZ=46.4 -17.4
fwAVG=2.36
sdW=672.1
fwW=2.44
sdS=1824.3
fwS=2.41
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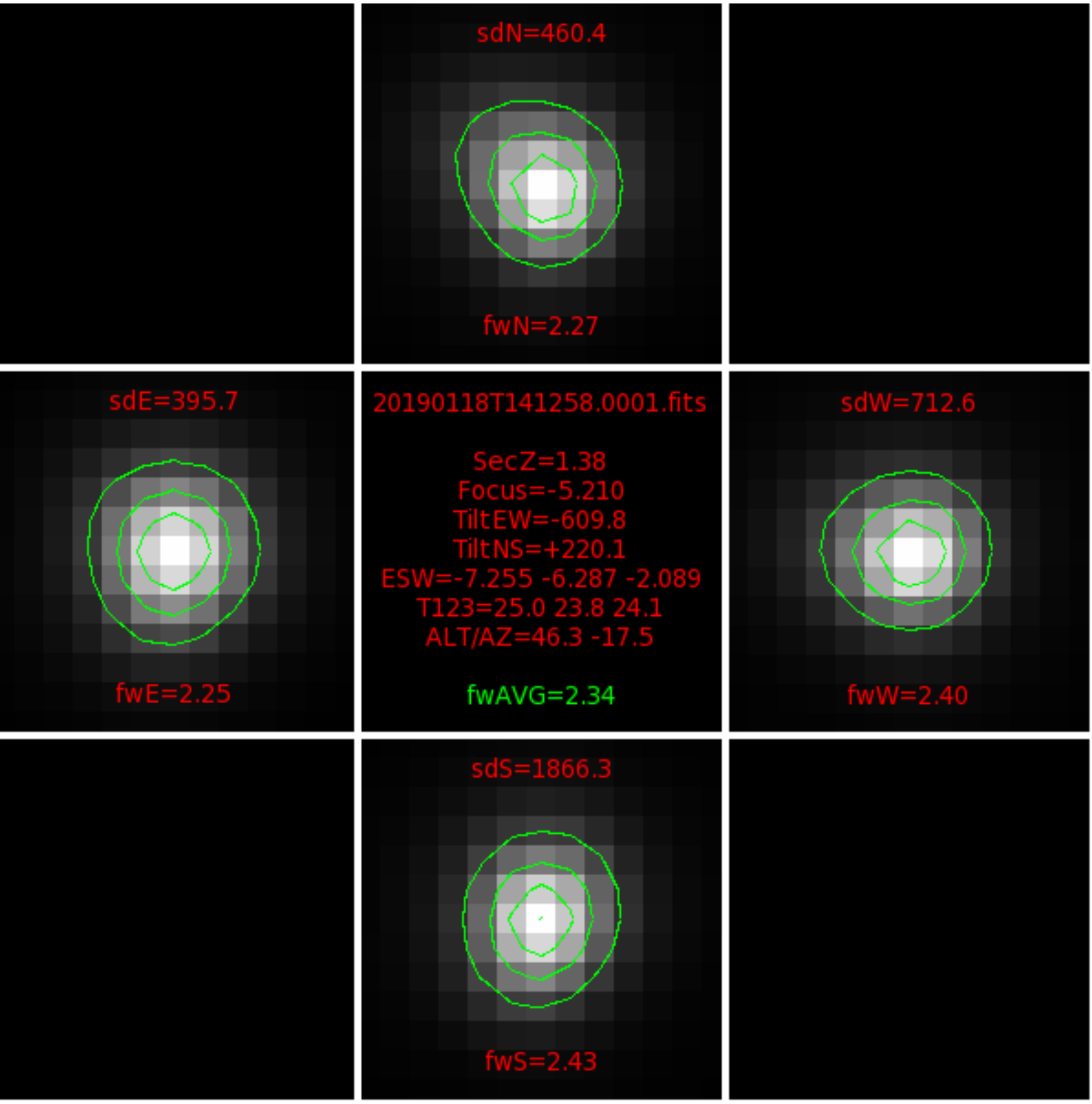
sdN=460.4
fwN=2.27
sdE=395.7
fwE=2.25
20190118T141258.0001.fits
SecZ=1.38
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 23.8 24.1
ALT/AZ=46.3 -17.5
fwAVG=2.34
sdW=712.6
fwW=2.40
sdS=1866.3
fwS=2.43
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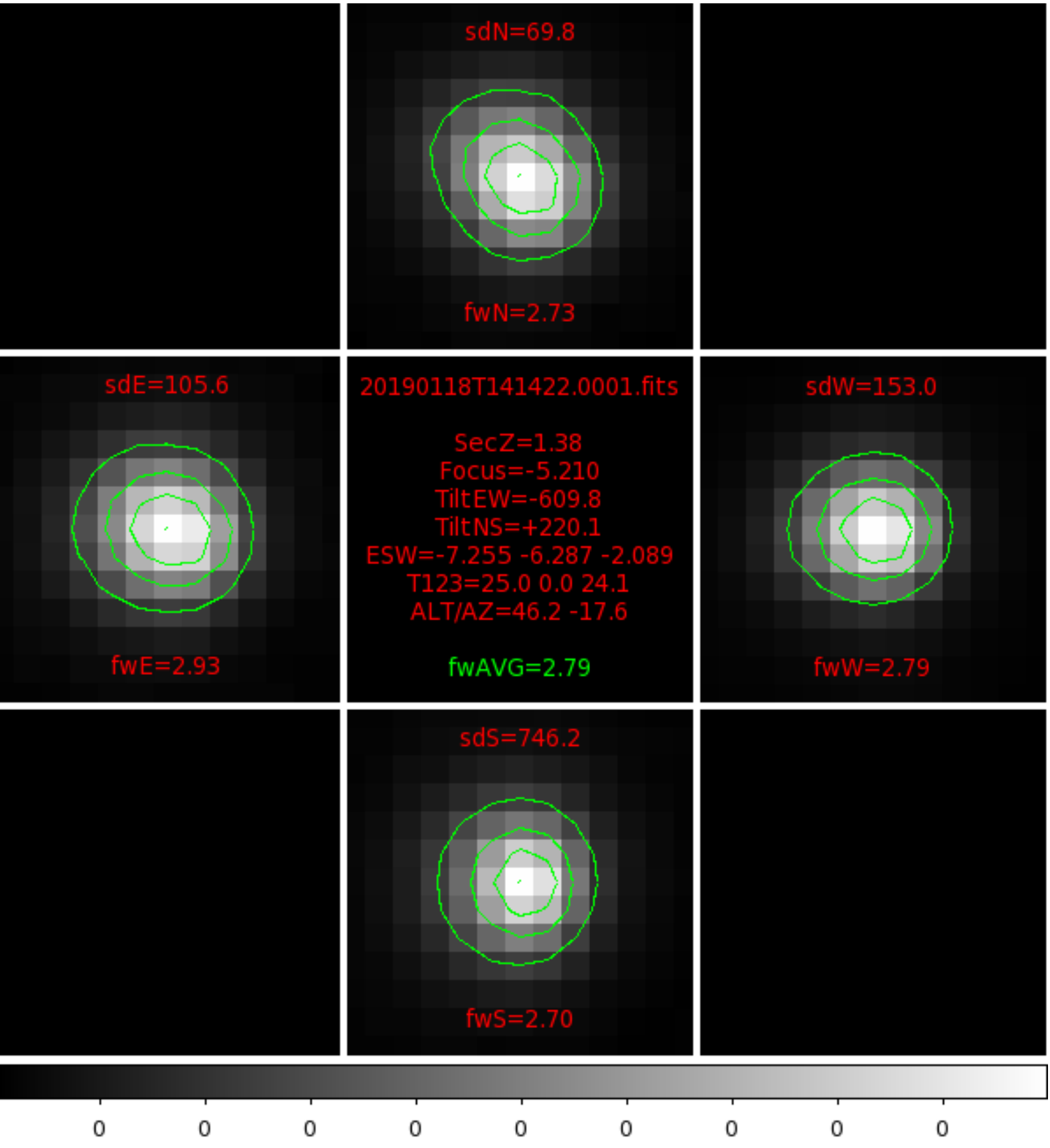
sdN=69.8
fwN=2.73
sdE=105.6
fwE=2.93
20190118T141422.0001.fits
SecZ=1.38
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 0.0 24.1
ALT/AZ=46.2 -17.6
fwAVG=2.79
sdW=153.0
fwW=2.79
sdS=746.2
fwS=2.70
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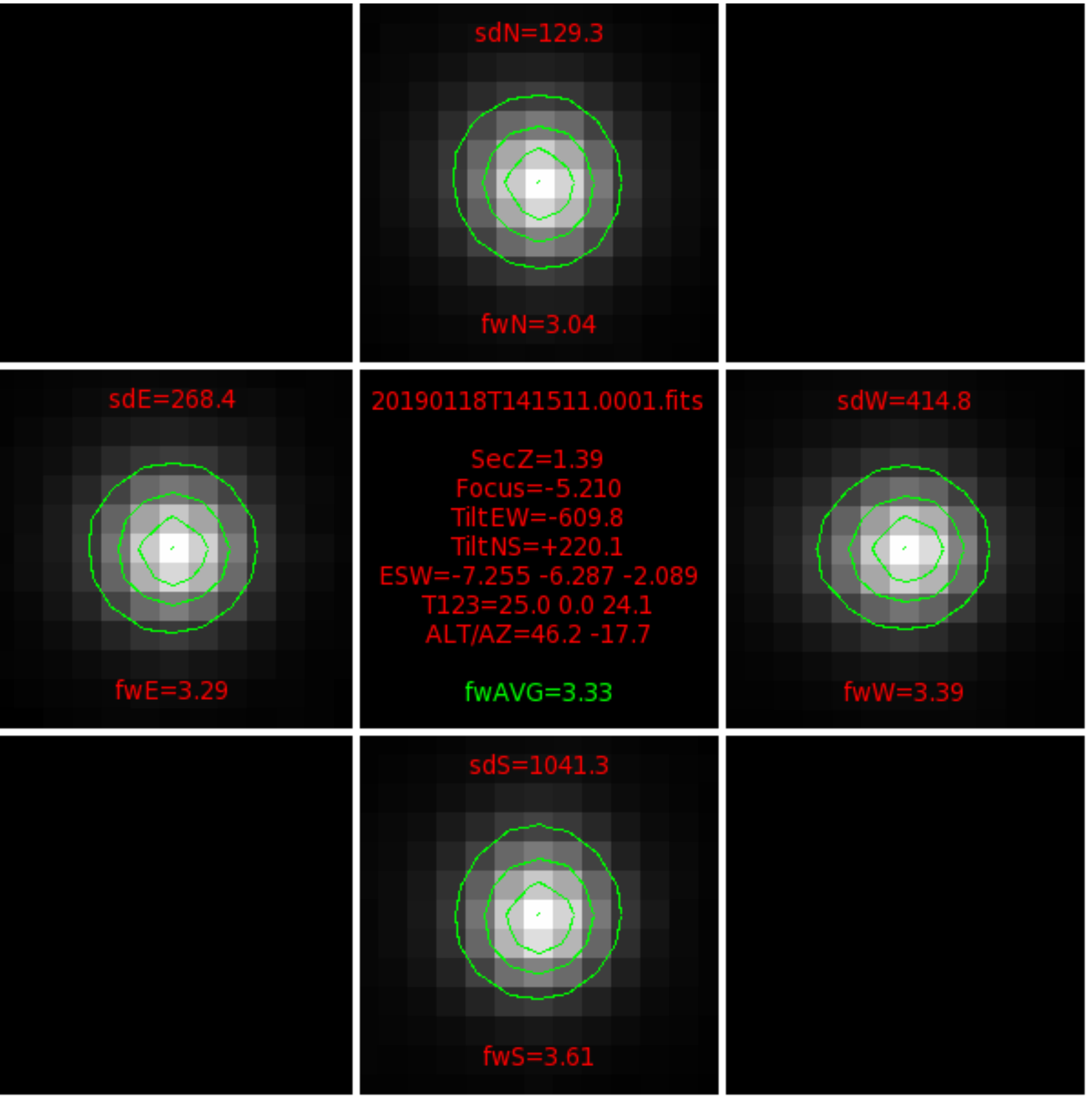
sdN=129.3
fwN=3.04
sdE=268.4
fwE=3.29
20190118T141511.0001.fits
SecZ=1.39
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 0.0 24.1
ALT/AZ=46.2 -17.7
fwAVG=3.33
sdW=414.8
fwW=3.39
sdS=1041.3
fwS=3.61
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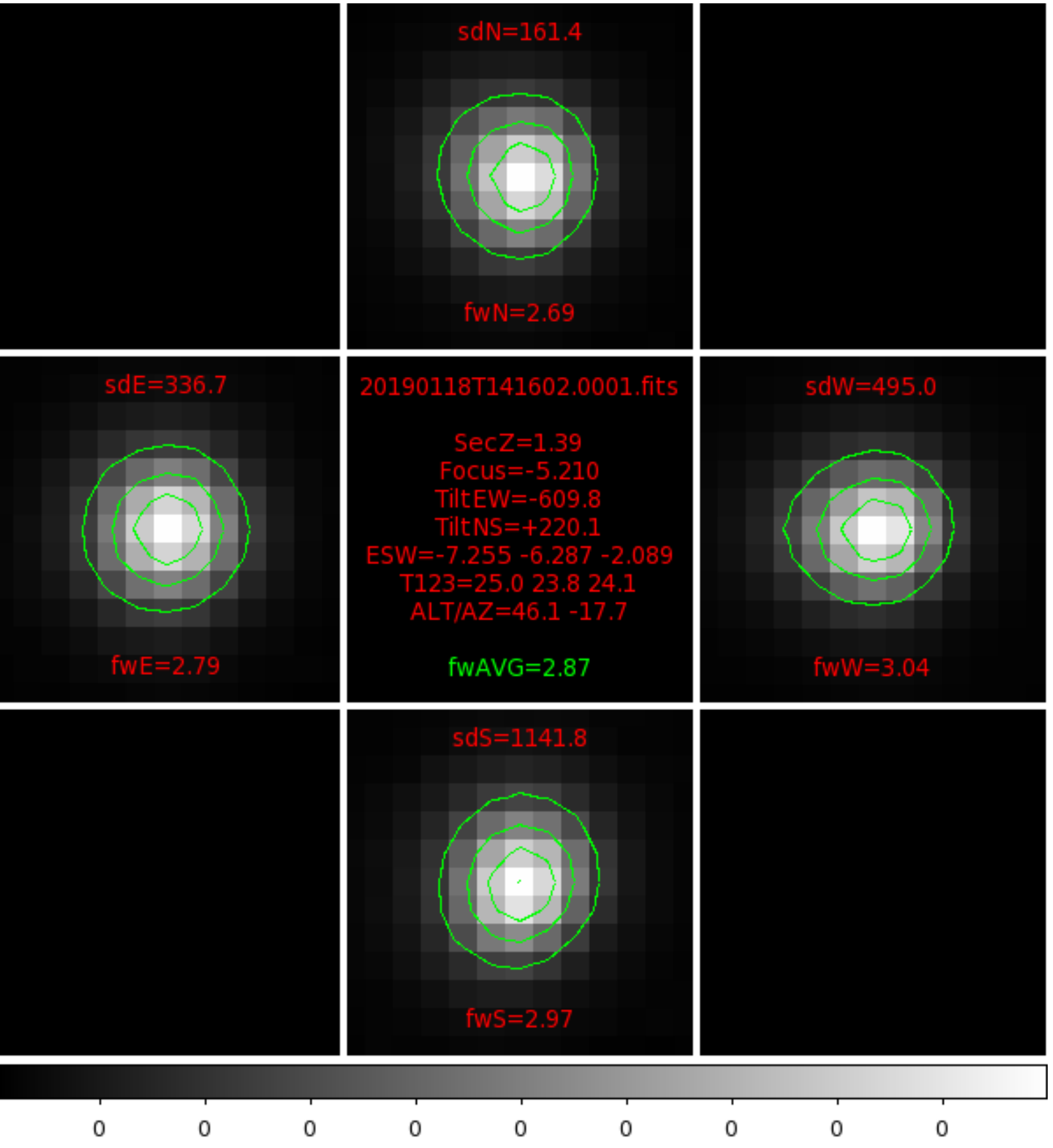
sdN=161.4
fwN=2.69
sdE=336.7
fwE=2.79
20190118T141602.0001.fits
SecZ=1.39
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 23.8 24.1
ALT/AZ=46.1 -17.7
fwAVG=2.87
sdW=495.0
fwW=3.04
sdS=1141.8
fwS=2.97
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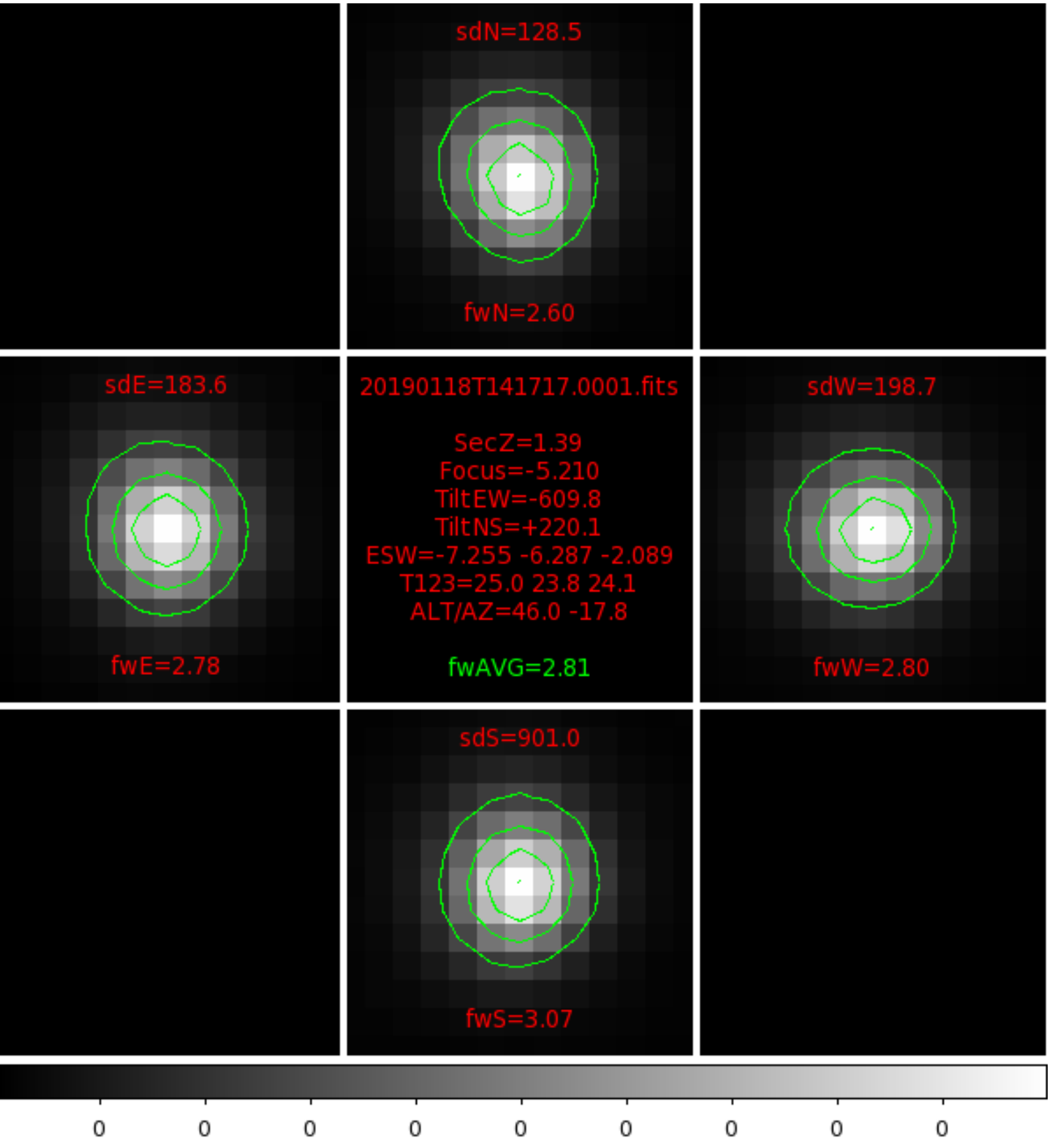
sdN=128.5
fwN=2.60
sdE=183.6
fwE=2.78
20190118T141717.0001.fits
SecZ=1.39
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 23.8 24.1
ALT/AZ=46.0 -17.8
fwAVG=2.81
sdW=198.7
fwW=2.80
sdS=901.0
fwS=3.07
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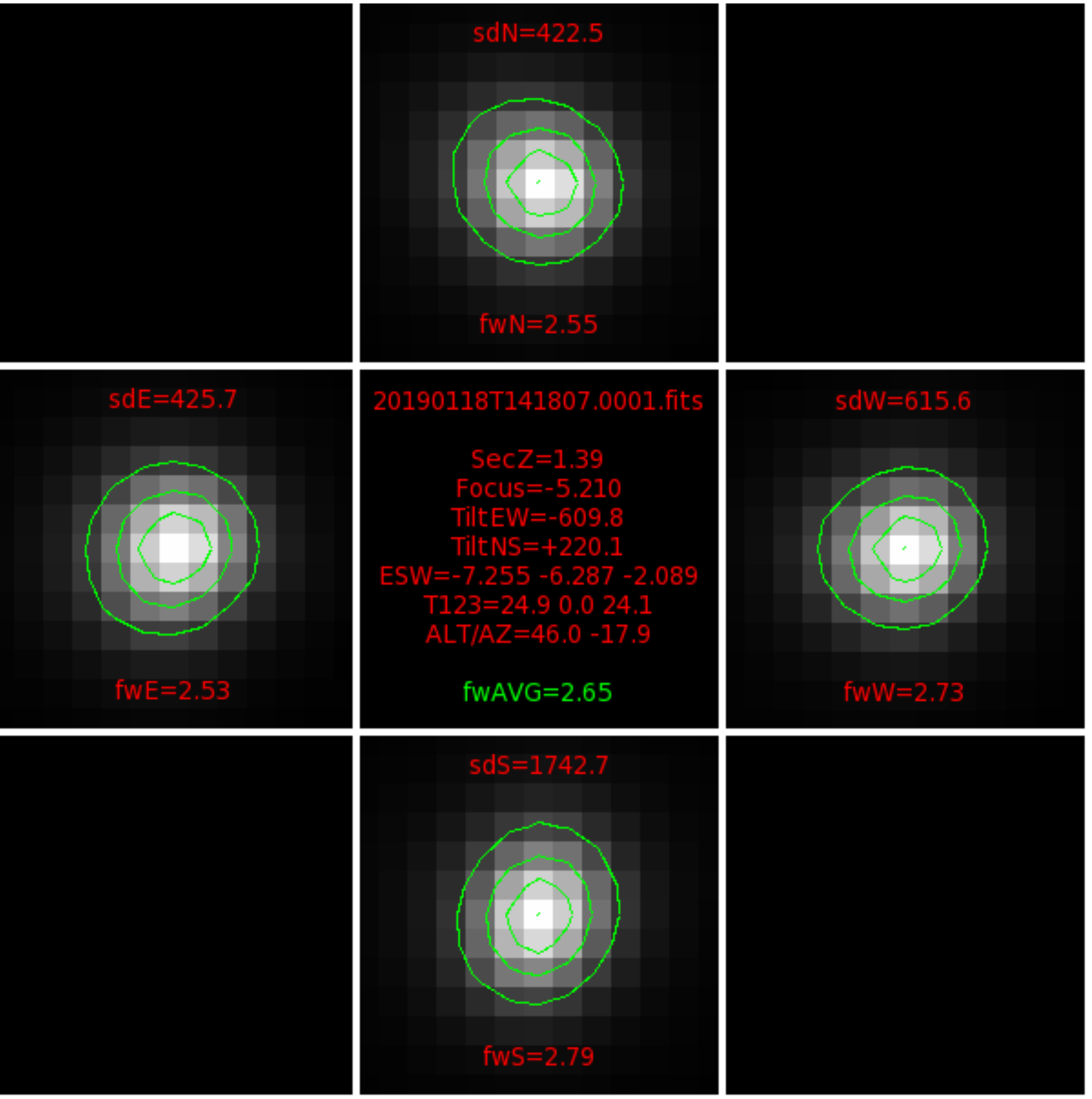
sdN=422.5
fwN=2.55
sdE=425.7
fwE=2.53
20190118T141807.0001.fits
SecZ=1.39
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.9 0.0 24.1
ALT/AZ=46.0 -17.9
fwAVG=2.65
sdW=615.6
fwW=2.73
sdS=1742.7
fwS=2.79
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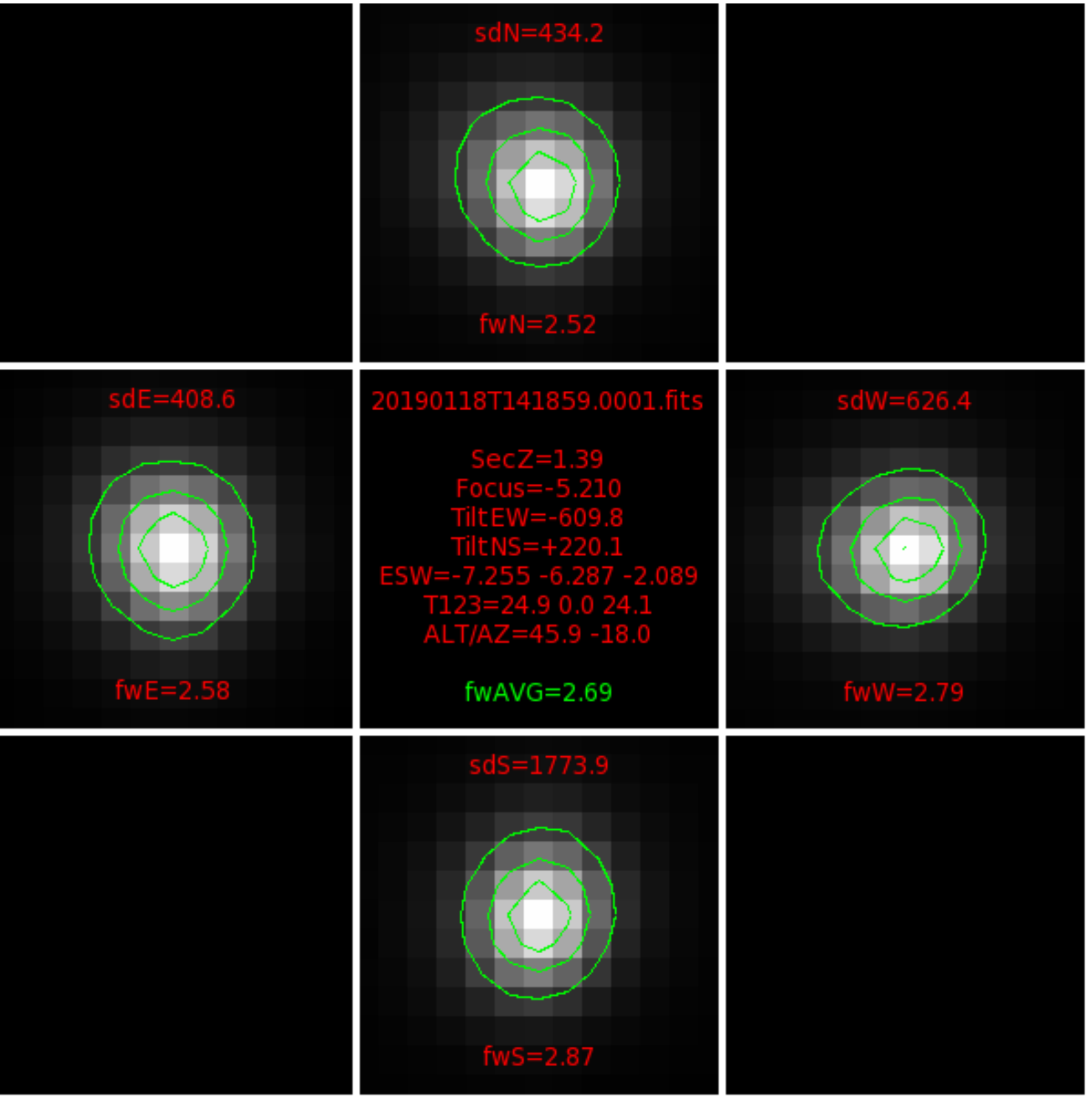
sdN=434.2
fwN=2.52
sdE=408.6
fwE=2.58
20190118T141859.0001.fits
SecZ=1.39
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.9 0.0 24.1
ALT/AZ=45.9 -18.0
fwAVG=2.69
sdW=626.4
fwW=2.79
sdS=1773.9
fwS=2.87
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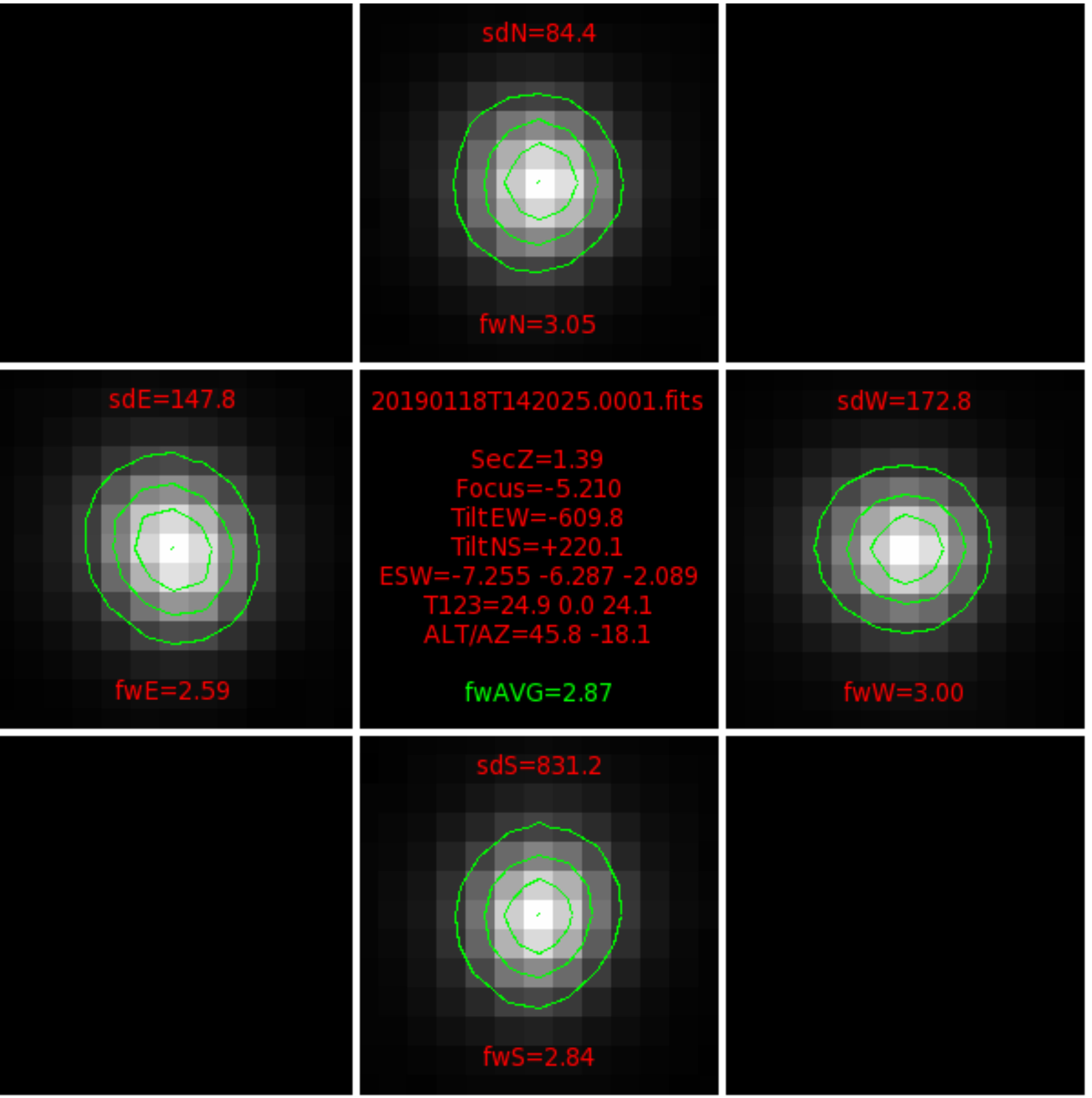
sdN=84.4
fwN=3.05
sdE=147.8
fwE=2.59
20190118T142025.0001.fits
SecZ=1.39
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.9 0.0 24.1
ALT/AZ=45.8 -18.1
fwAVG=2.87
sdW=172.8
fwW=3.00
sdS=831.2
fwS=2.84
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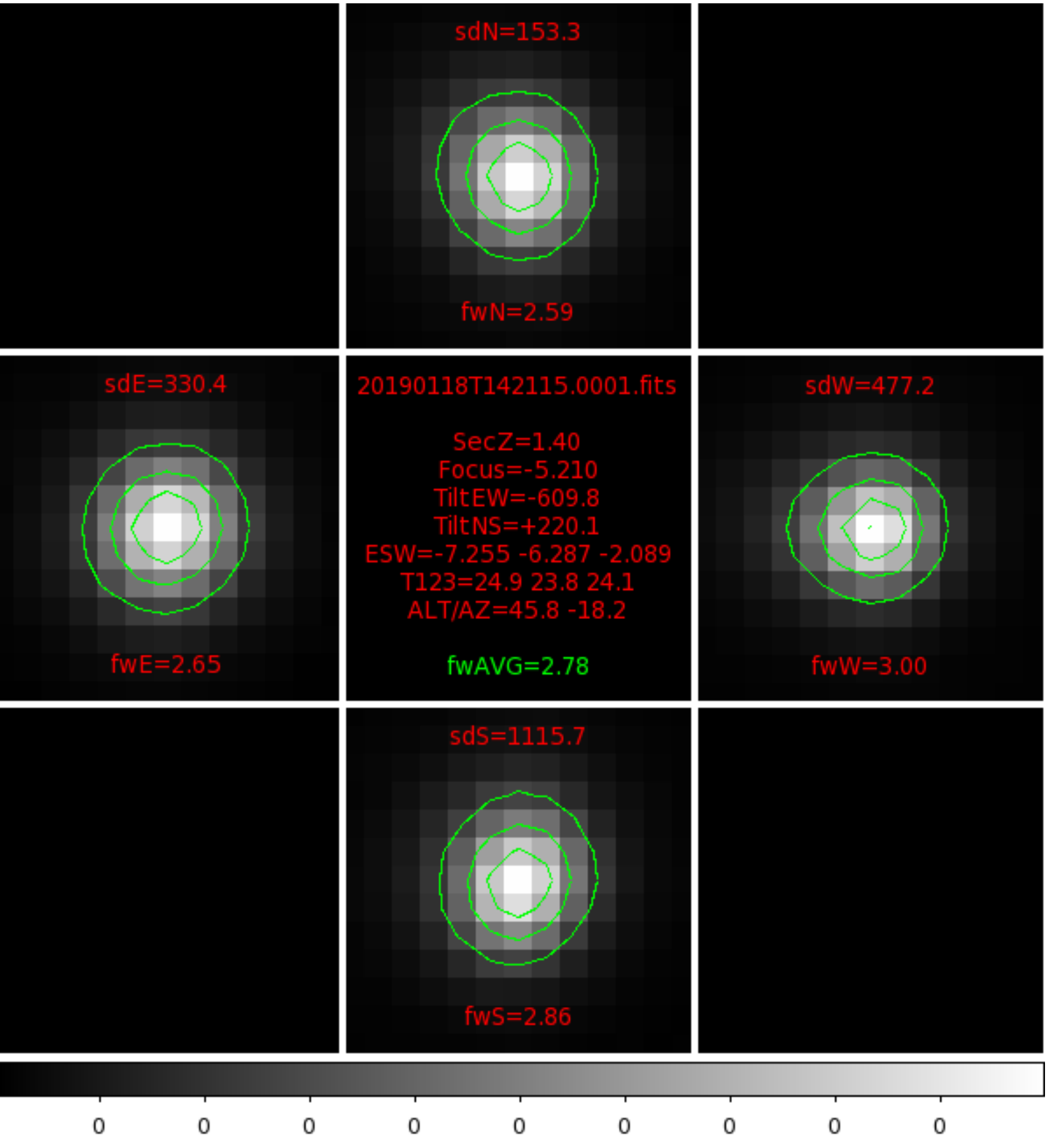
sdN=153.3
fwN=2.59
sdE=330.4
fwE=2.65
20190118T142115.0001.fits
SecZ=1.40
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.9 23.8 24.1
ALT/AZ=45.8 -18.2
fwAVG=2.78
sdW=477.2
fwW=3.00
sdS=1115.7
fwS=2.86
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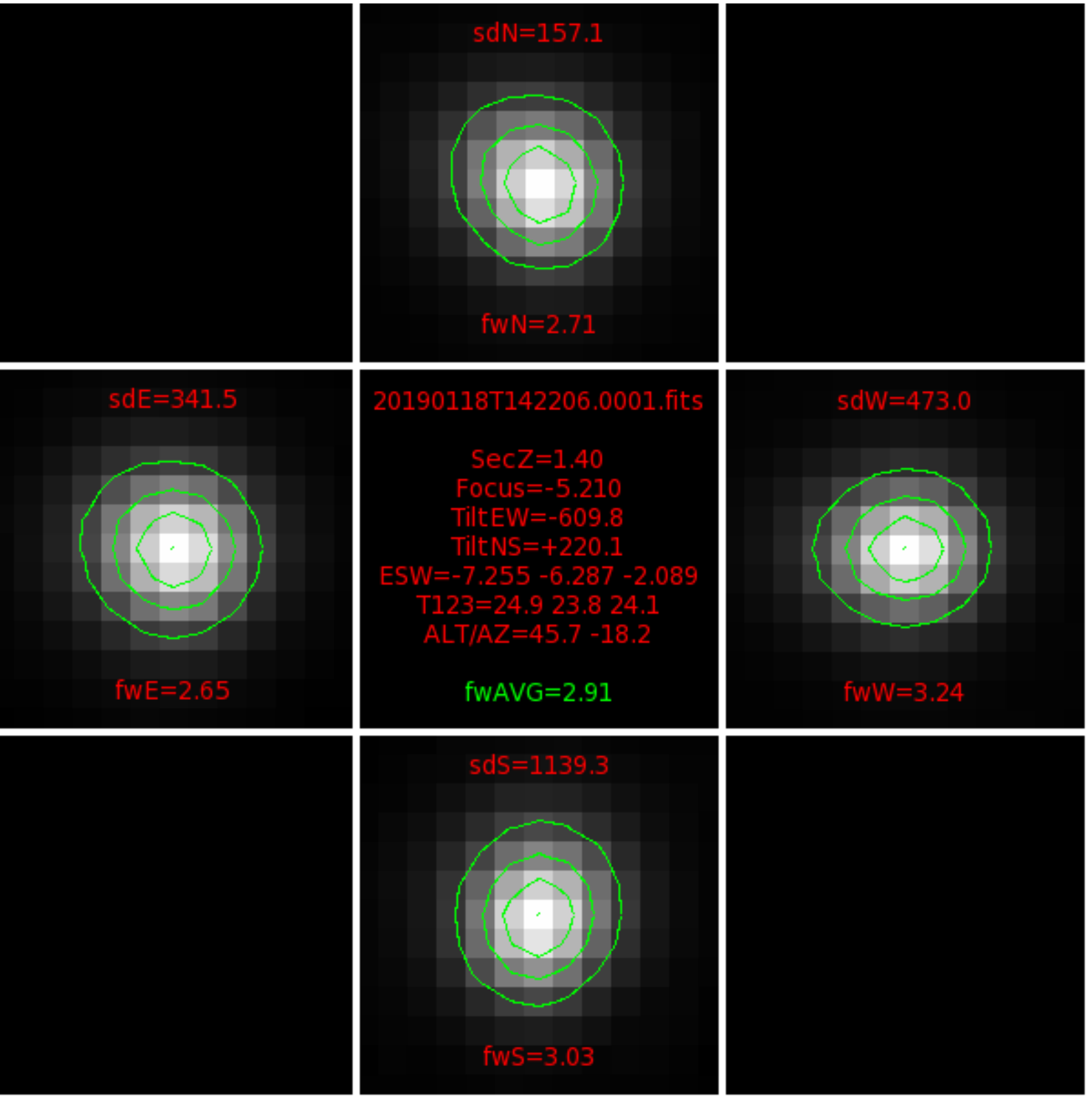
sdN=157.1
fwN=2.71
sdE=341.5
fwE=2.65
20190118T142206.0001.fits
SecZ=1.40
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.9 23.8 24.1
ALT/AZ=45.7 -18.2
fwAVG=2.91
sdW=473.0
fwW=3.24
sdS=1139.3
fwS=3.03
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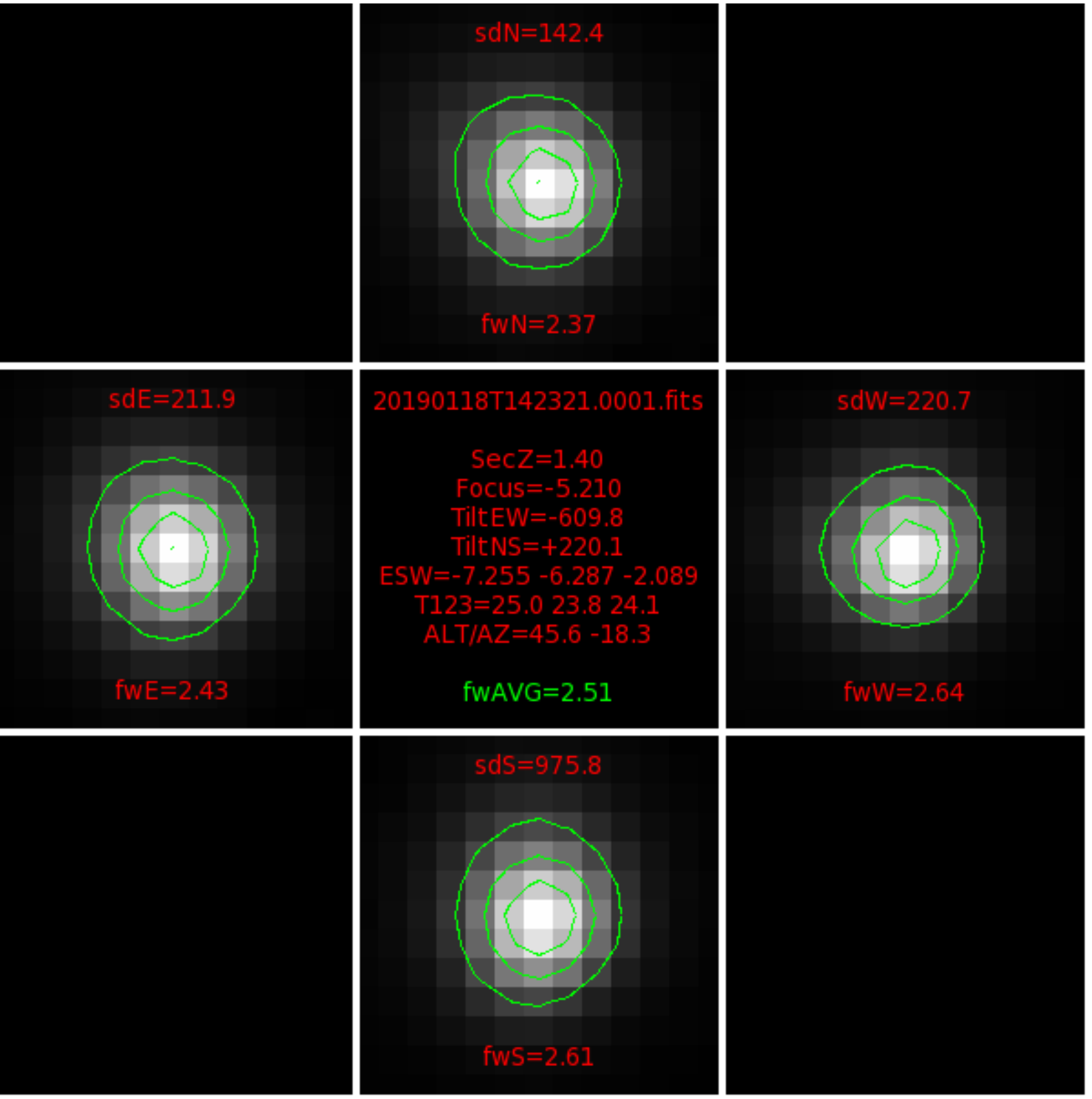
sdN=142.4
fwN=2.37
sdE=211.9
fwE=2.43
20190118T142321.0001.fits
SecZ=1.40
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 23.8 24.1
ALT/AZ=45.6 -18.3
fwAVG=2.51
sdW=220.7
fwW=2.64
sdS=975.8
fwS=2.61
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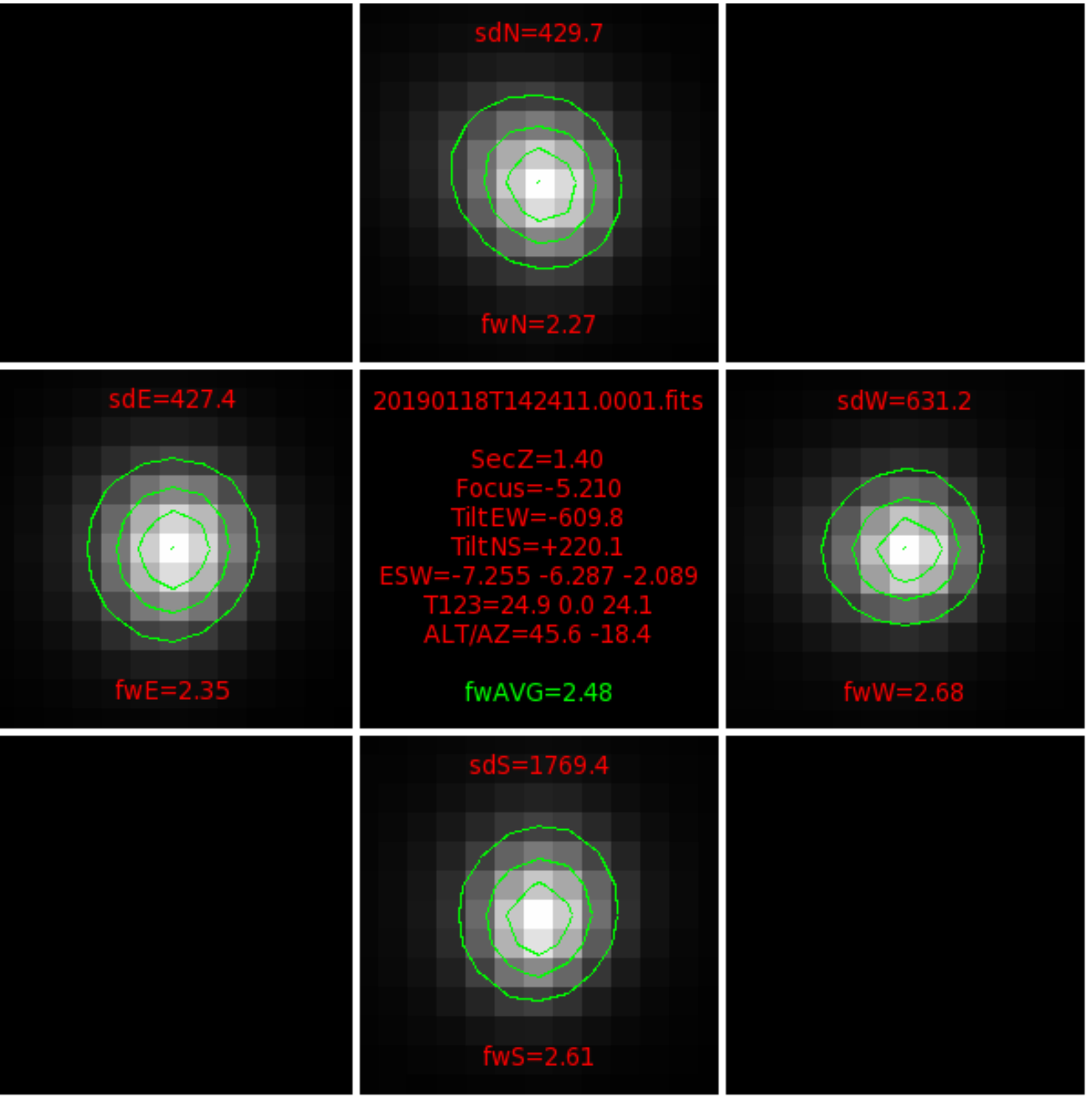
sdN=429.7
fwN=2.27
sdE=427.4
fwE=2.35
20190118T142411.0001.fits
SecZ=1.40
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.9 0.0 24.1
ALT/AZ=45.6 -18.4
fwAVG=2.48
sdW=631.2
fwW=2.68
sdS=1769.4
fwS=2.61
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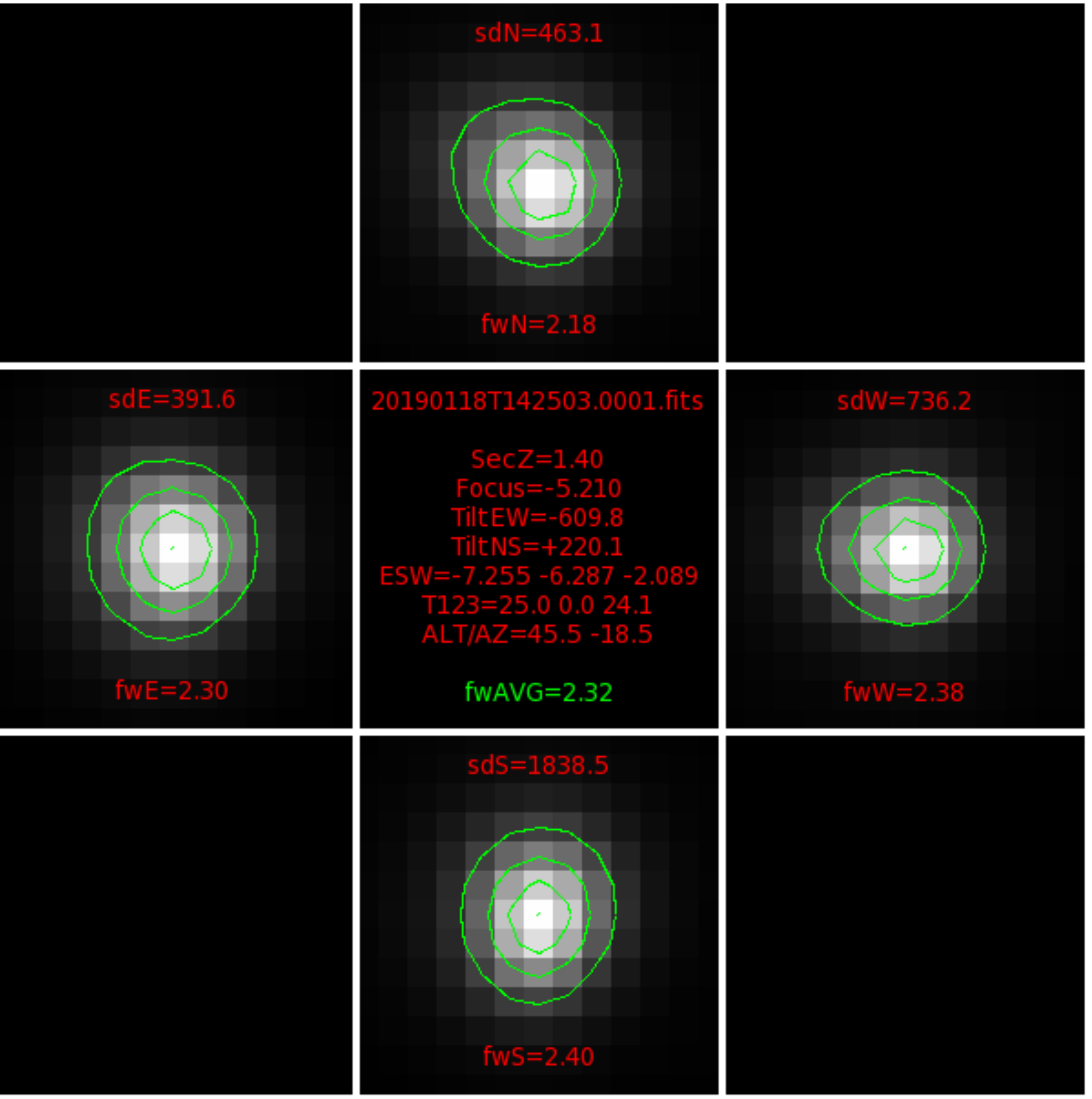
sdN=463.1
fwN=2.18
sdE=391.6
fwE=2.30
20190118T142503.0001.fits
SecZ=1.40
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=25.0 0.0 24.1
ALT/AZ=45.5 -18.5
fwAVG=2.32
sdW=736.2
fwW=2.38
sdS=1838.5
fwS=2.40
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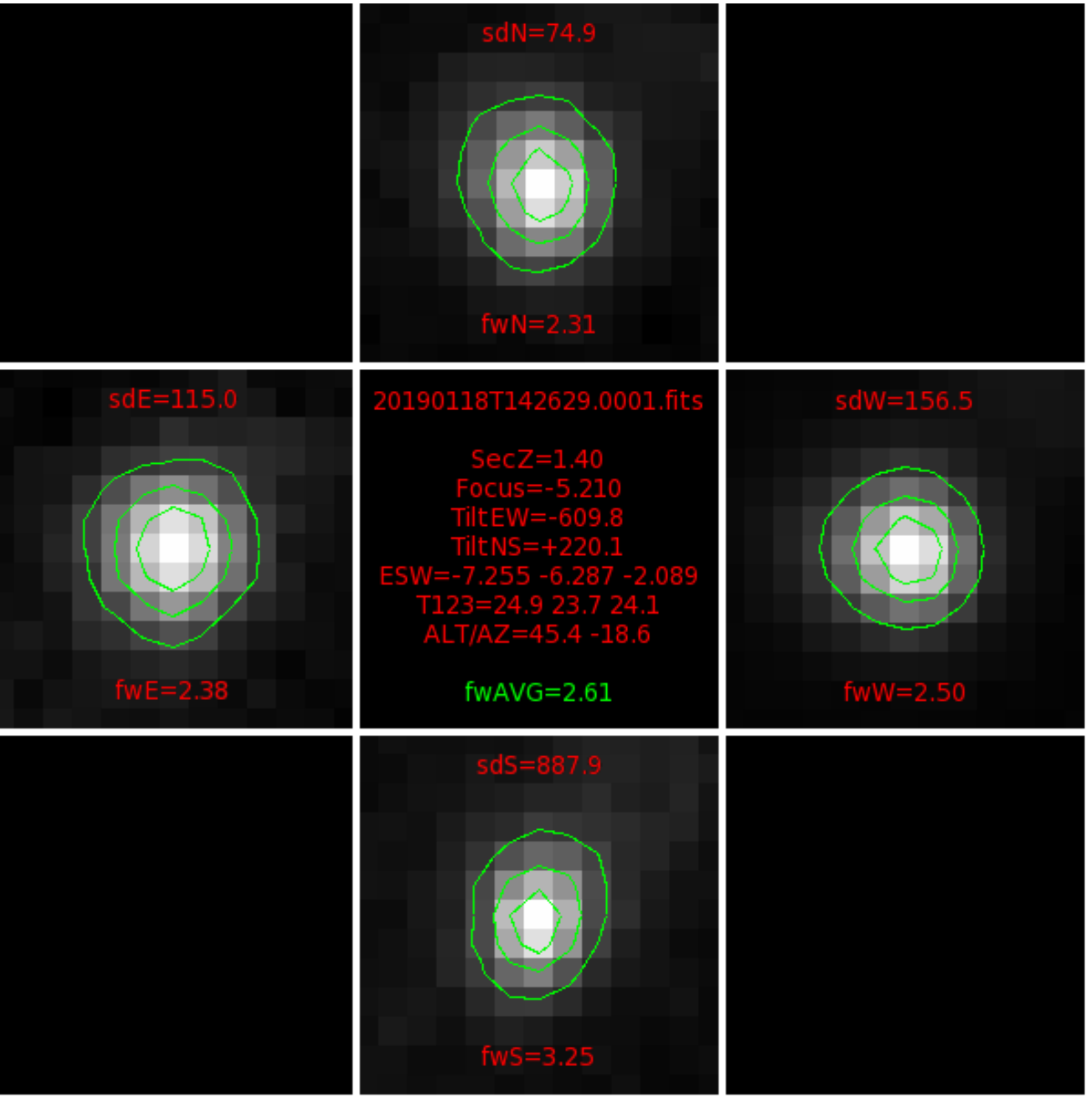
sdN=74.9
fwN=2.31
sdE=115.0
fwE=2.38
20190118T142629.0001.fits
SecZ=1.40
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.9 23.7 24.1
ALT/AZ=45.4 -18.6
fwAVG=2.61
sdW=156.5
fwW=2.50
sdS=887.9
fwS=3.25
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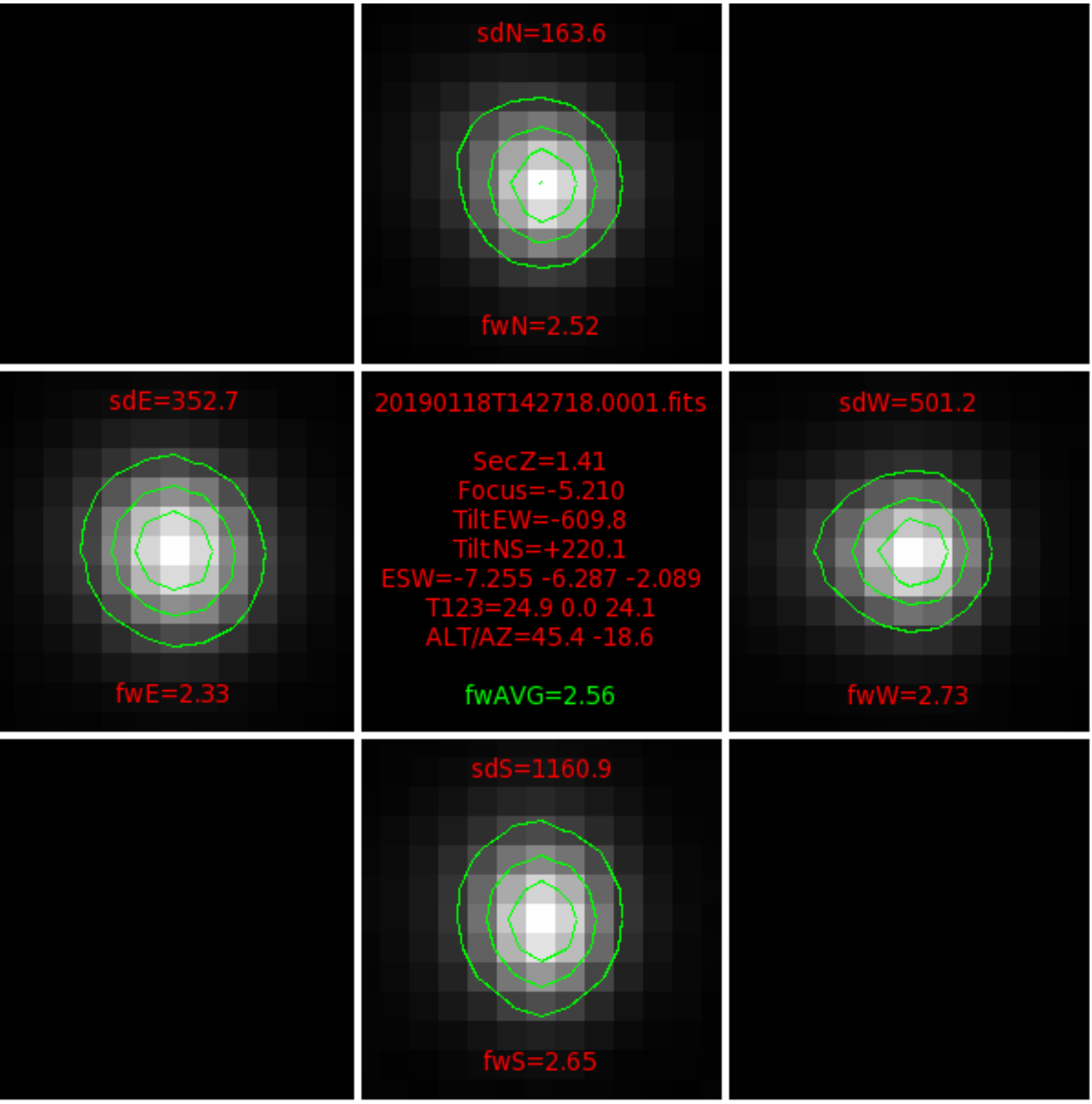
sdN=163.6
fwN=2.52
sdE=352.7
fwE=2.33
20190118T142718.0001.fits
SecZ=1.41
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.9 0.0 24.1
ALT/AZ=45.4 -18.6
fwAVG=2.56
sdW=501.2
fwW=2.73
sdS=1160.9
fwS=2.65
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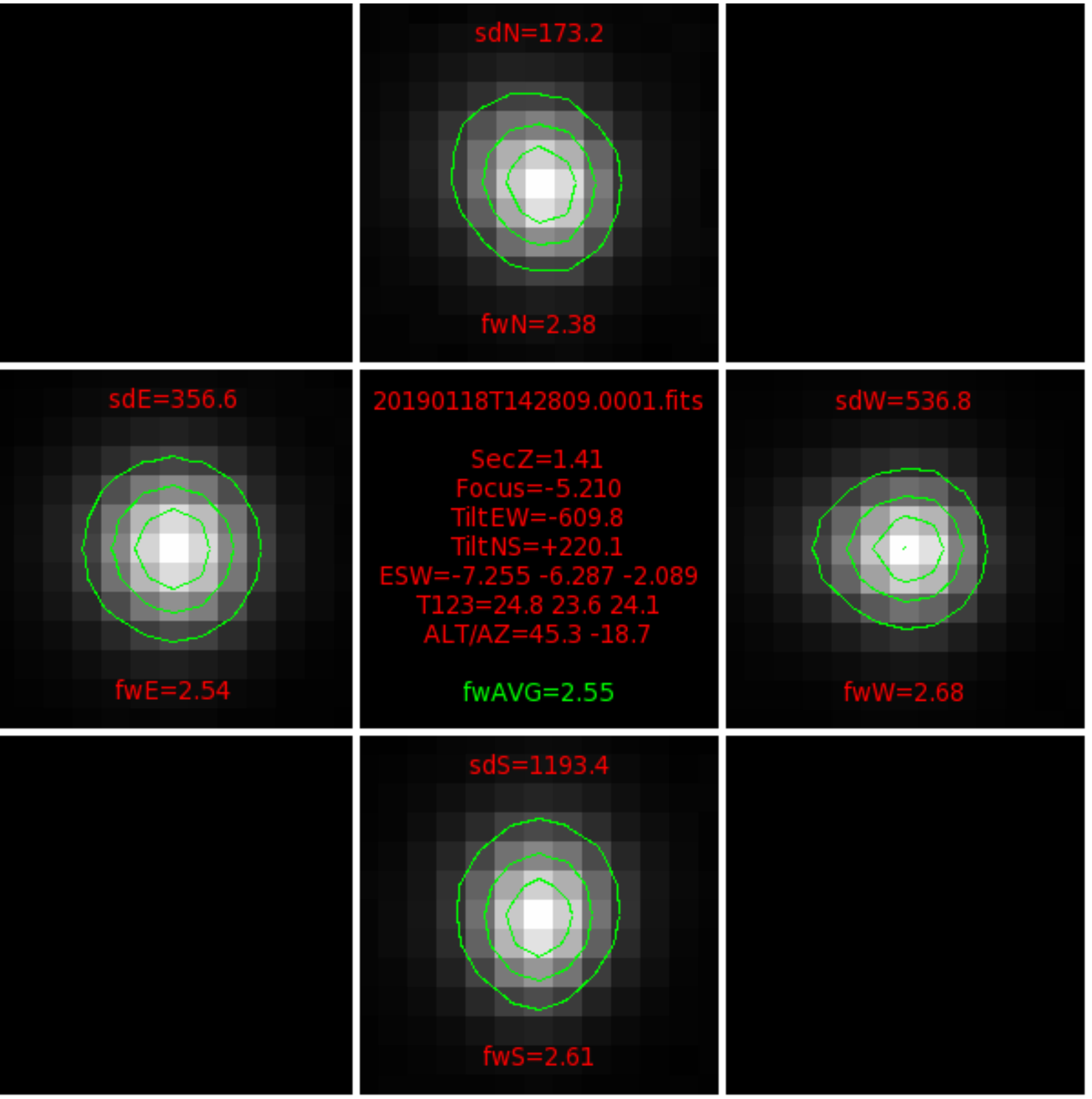
sdN=173.2
fwN=2.38
sdE=356.6
fwE=2.54
20190118T142809.0001.fits
SecZ=1.41
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 23.6 24.1
ALT/AZ=45.3 -18.7
fwAVG=2.55
sdW=536.8
fwW=2.68
sdS=1193.4
fwS=2.61
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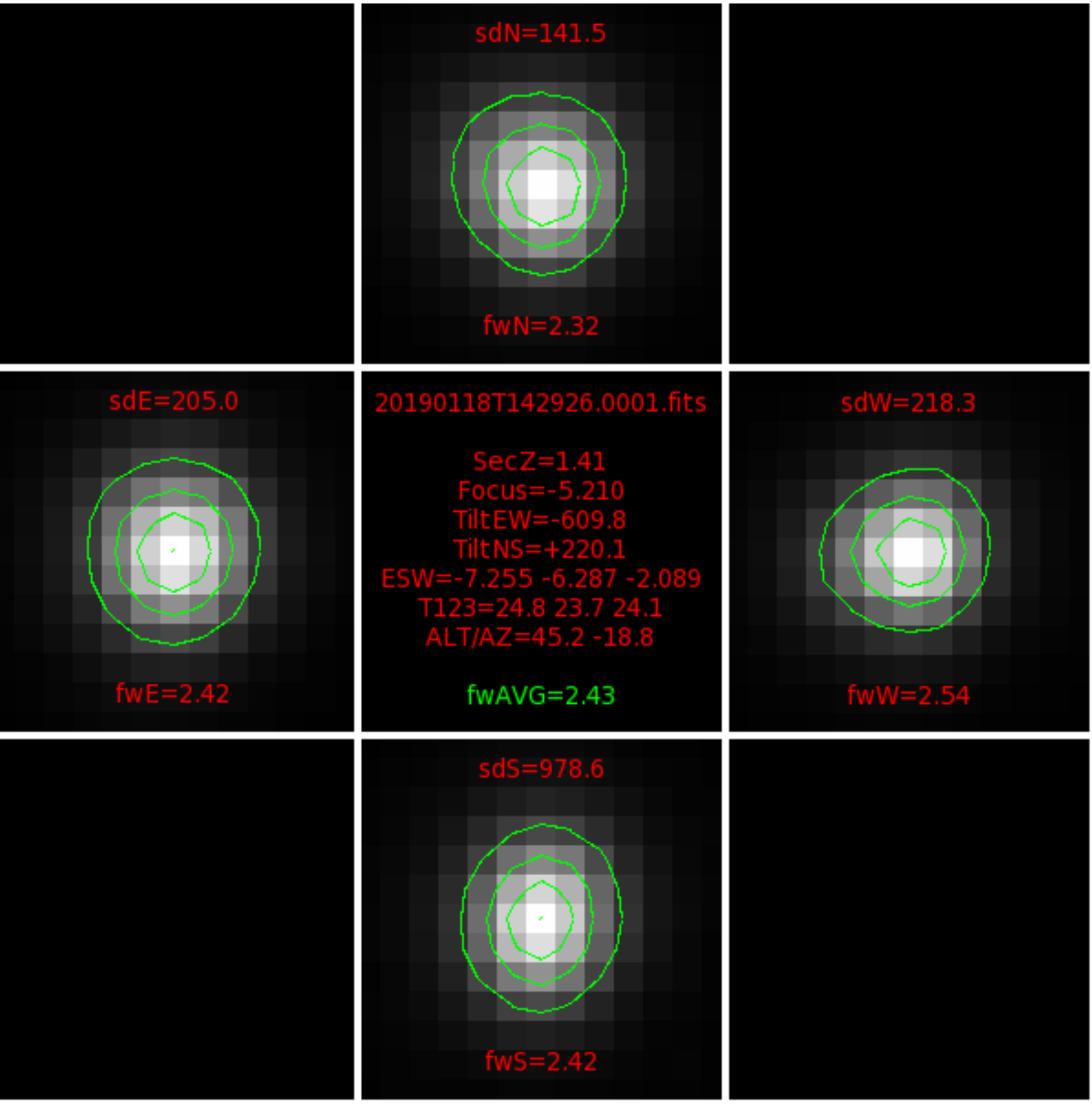
sdN=141.5
fwN=2.32
sdE=205.0
fwE=2.42
20190118T142926.0001.fits
SecZ=1.41
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 23.7 24.1
ALT/AZ=45.2 -18.8
fwAVG=2.43
sdW=218.3
fwW=2.54
sdS=978.6
fwS=2.42
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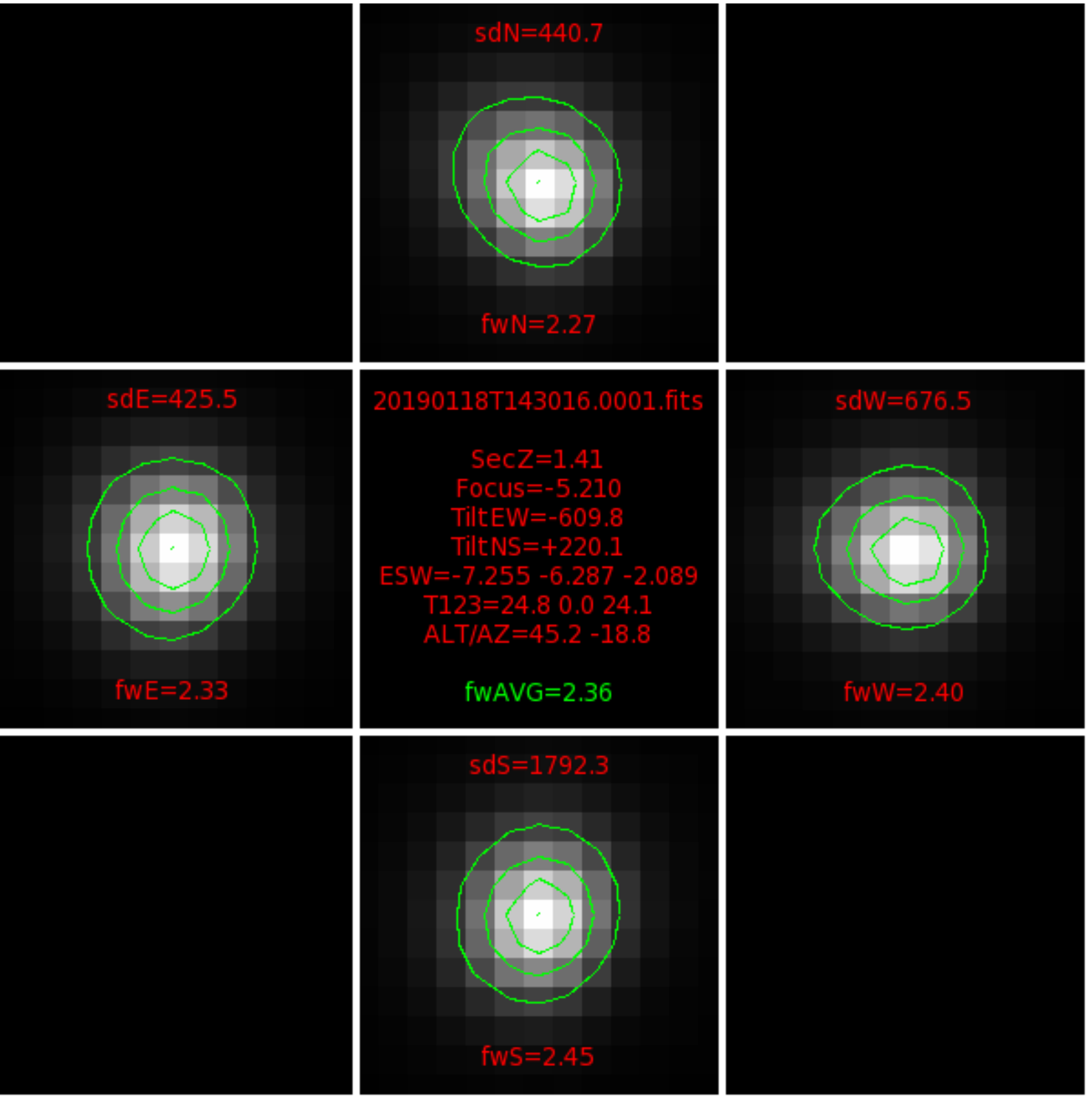
sdN=440.7
fwN=2.27
sdE=425.5
fwE=2.33
20190118T143016.0001.fits
SecZ=1.41
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 0.0 24.1
ALT/AZ=45.2 -18.8
fwAVG=2.36
sdW=676.5
fwW=2.40
sdS=1792.3
fwS=2.45
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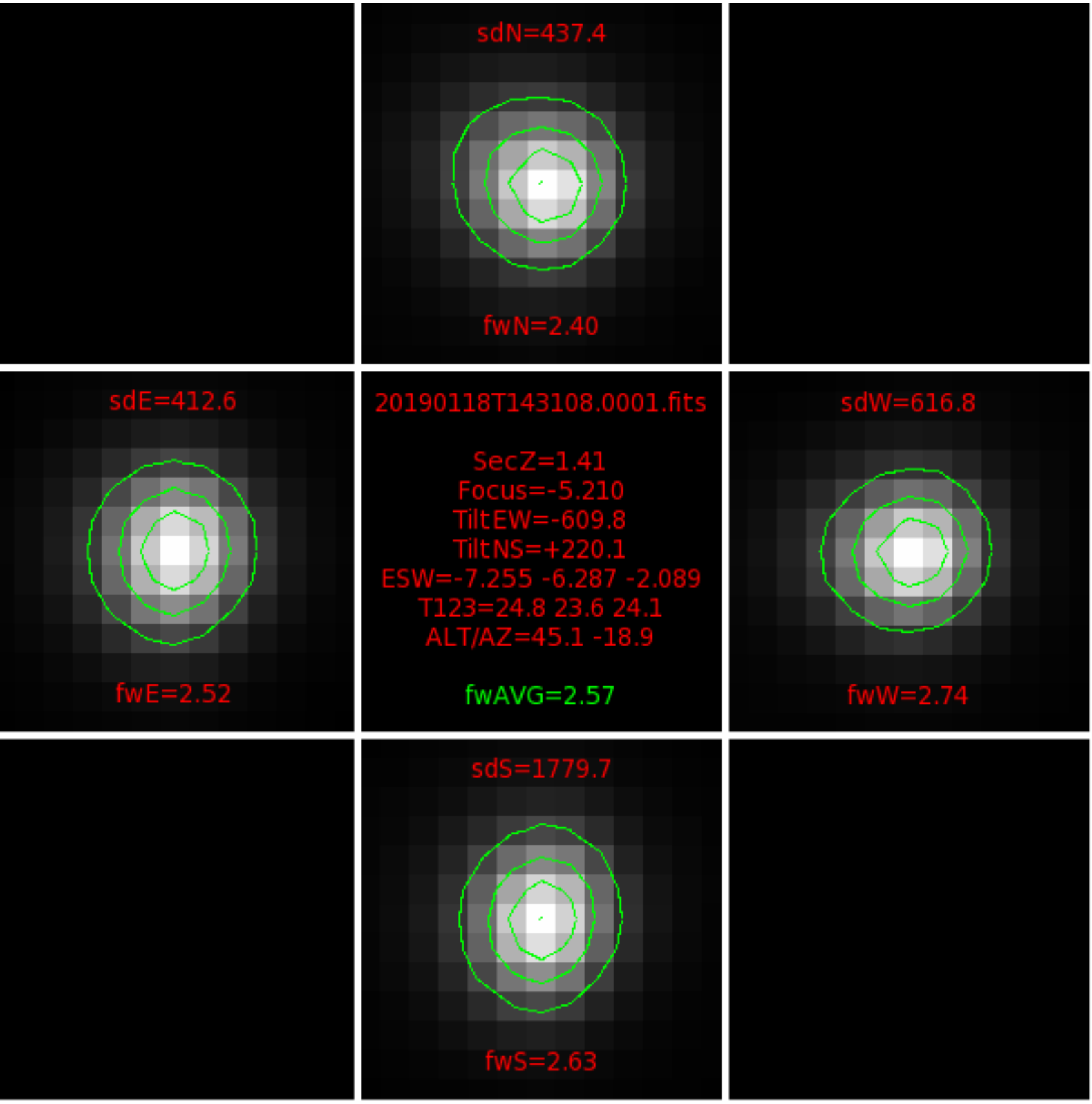
sdN=437.4
fwN=2.40
sdE=412.6
fwE=2.52
20190118T143108.0001.fits
SecZ=1.41
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 23.6 24.1
ALT/AZ=45.1 -18.9
fwAVG=2.57
sdW=616.8
fwW=2.74
sdS=1779.7
fwS=2.63
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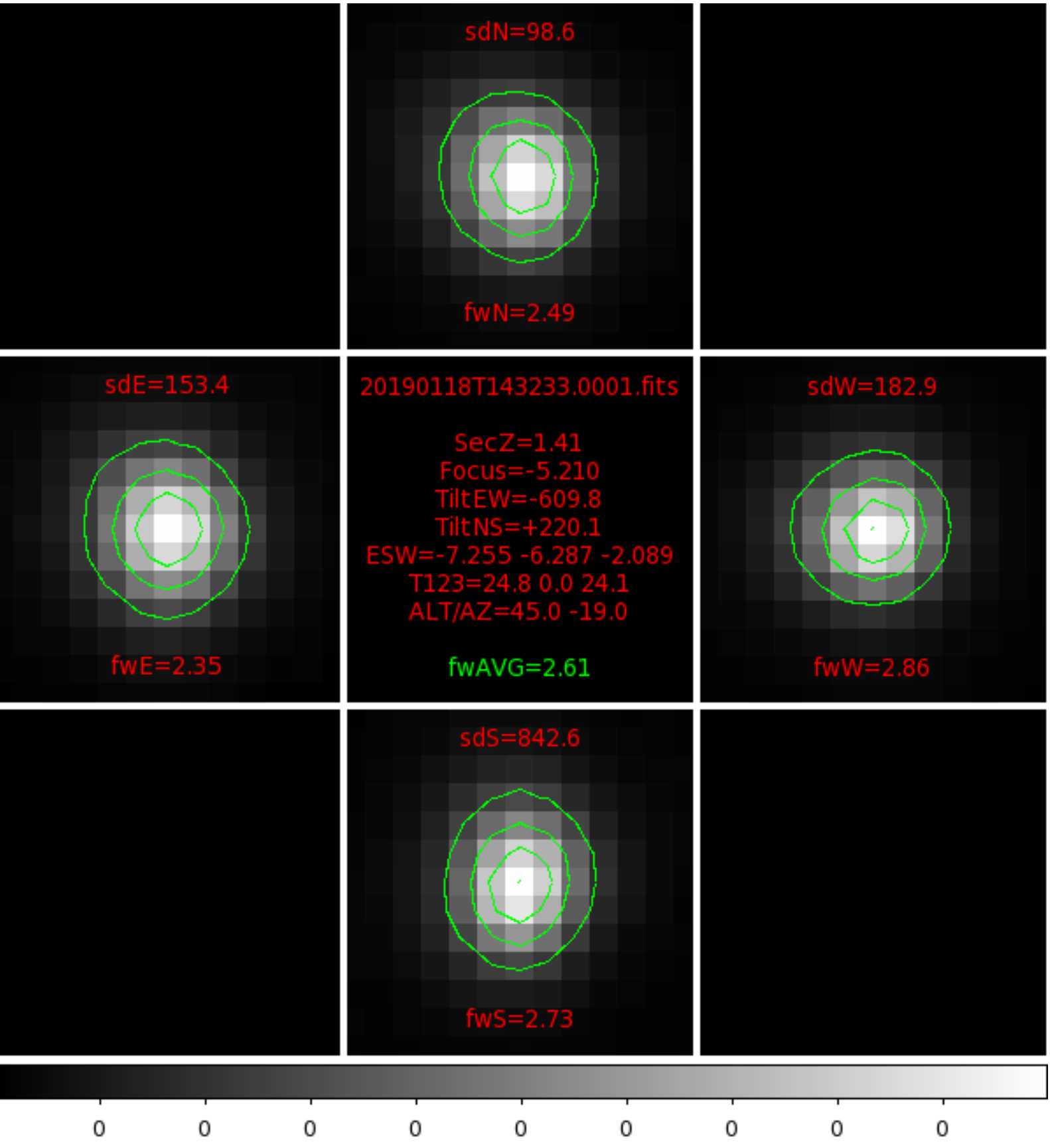
sdN=98.6
fwN=2.49
sdE=153.4
fwE=2.35
20190118T143233.0001.fits
SecZ=1.41
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 0.0 24.1
ALT/AZ=45.0 -19.0
fwAVG=2.61
sdW=182.9
fwW=2.86
sdS=842.6
fwS=2.73
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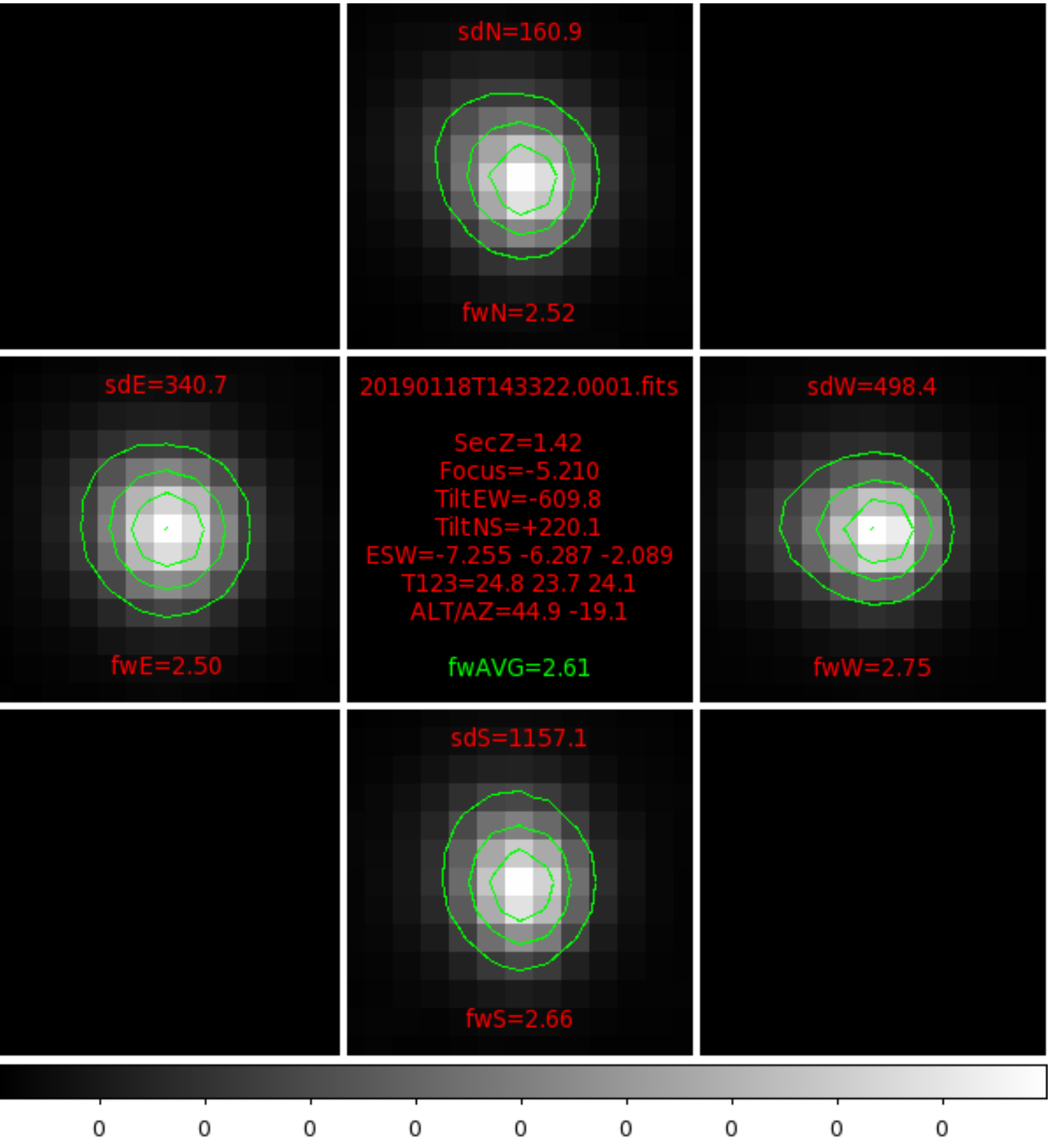
sdN=160.9
fwN=2.52
sdE=340.7
fwE=2.50
20190118T143322.0001.fits
SecZ=1.42
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 23.7 24.1
ALT/AZ=44.9 -19.1
fwAVG=2.61
sdW=498.4
fwW=2.75
sdS=1157.1
fwS=2.66
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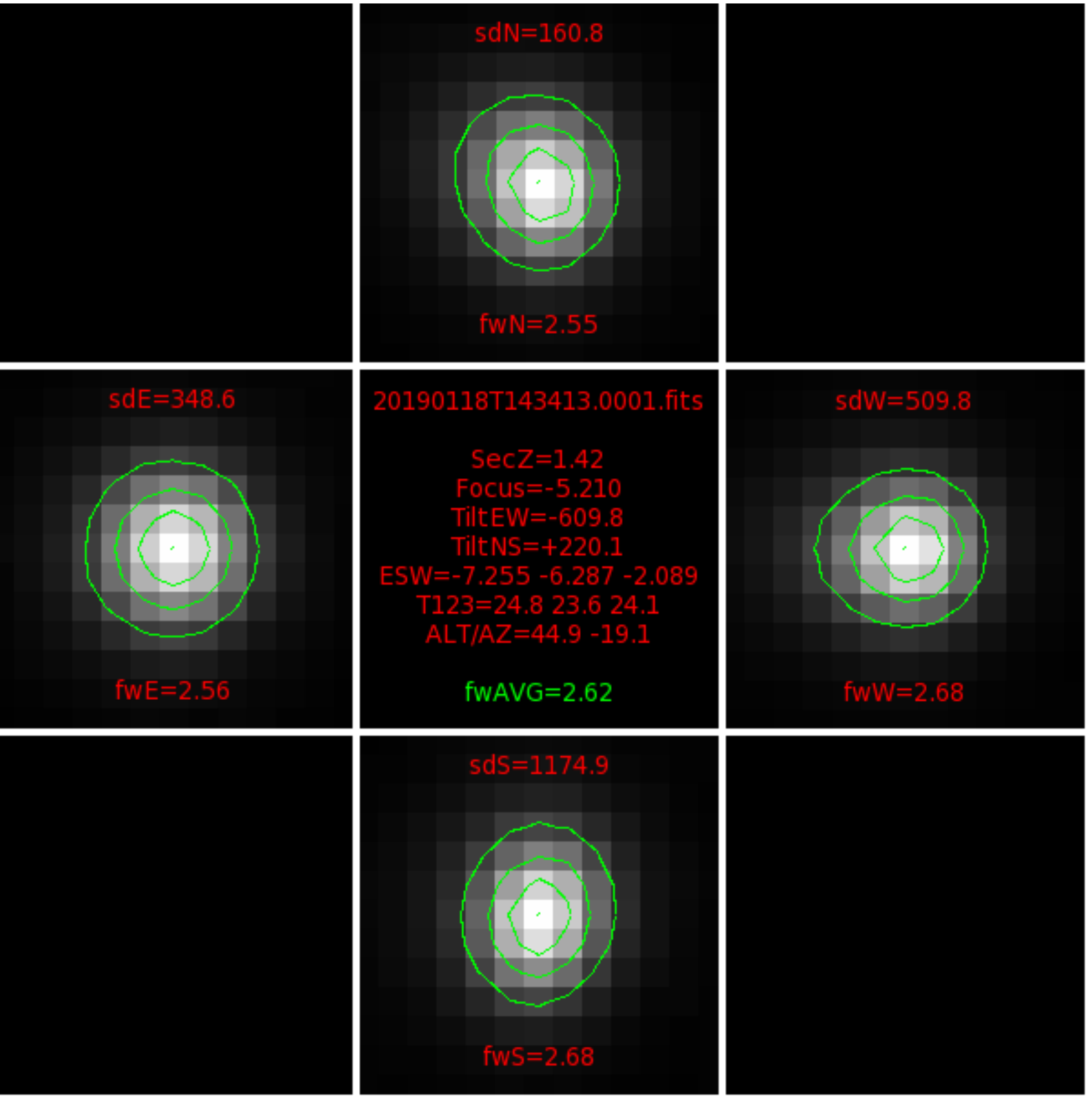
sdN=160.8
fwN=2.55
sdE=348.6
fwE=2.56
20190118T143413.0001.fits
SecZ=1.42
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 23.6 24.1
ALT/AZ=44.9 -19.1
fwAVG=2.62
sdW=509.8
fwW=2.68
sdS=1174.9
fwS=2.68
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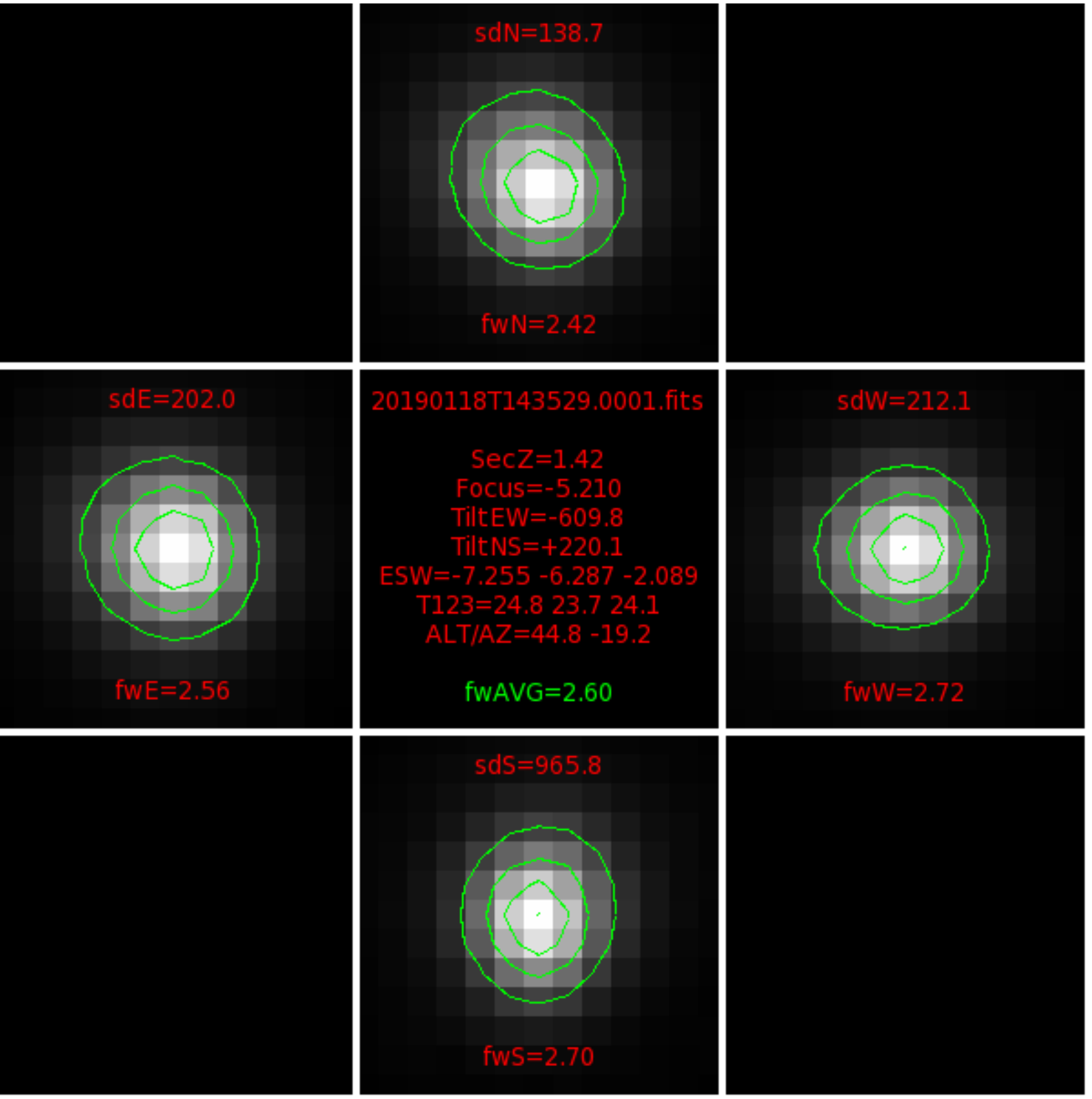
sdN=138.7
fwN=2.42
sdE=202.0
fwE=2.56
20190118T143529.0001.fits
SecZ=1.42
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 23.7 24.1
ALT/AZ=44.8 -19.2
fwAVG=2.60
sdW=212.1
fwW=2.72
sdS=965.8
fwS=2.70
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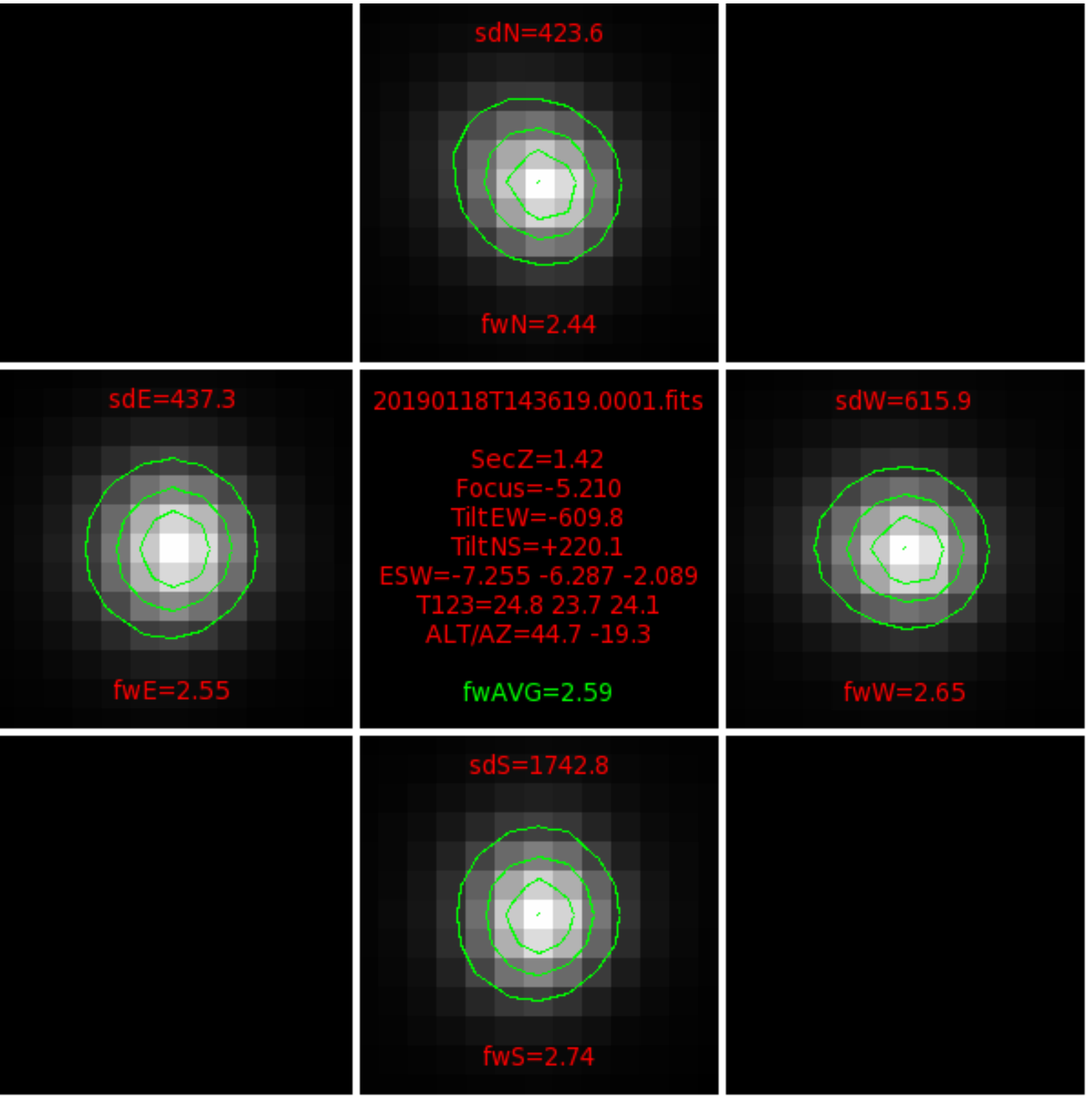
sdN=423.6
fwN=2.44
sdE=437.3
fwE=2.55
20190118T143619.0001.fits
SecZ=1.42
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 23.7 24.1
ALT/AZ=44.7 -19.3
fwAVG=2.59
sdW=615.9
fwW=2.65
sdS=1742.8
fwS=2.74
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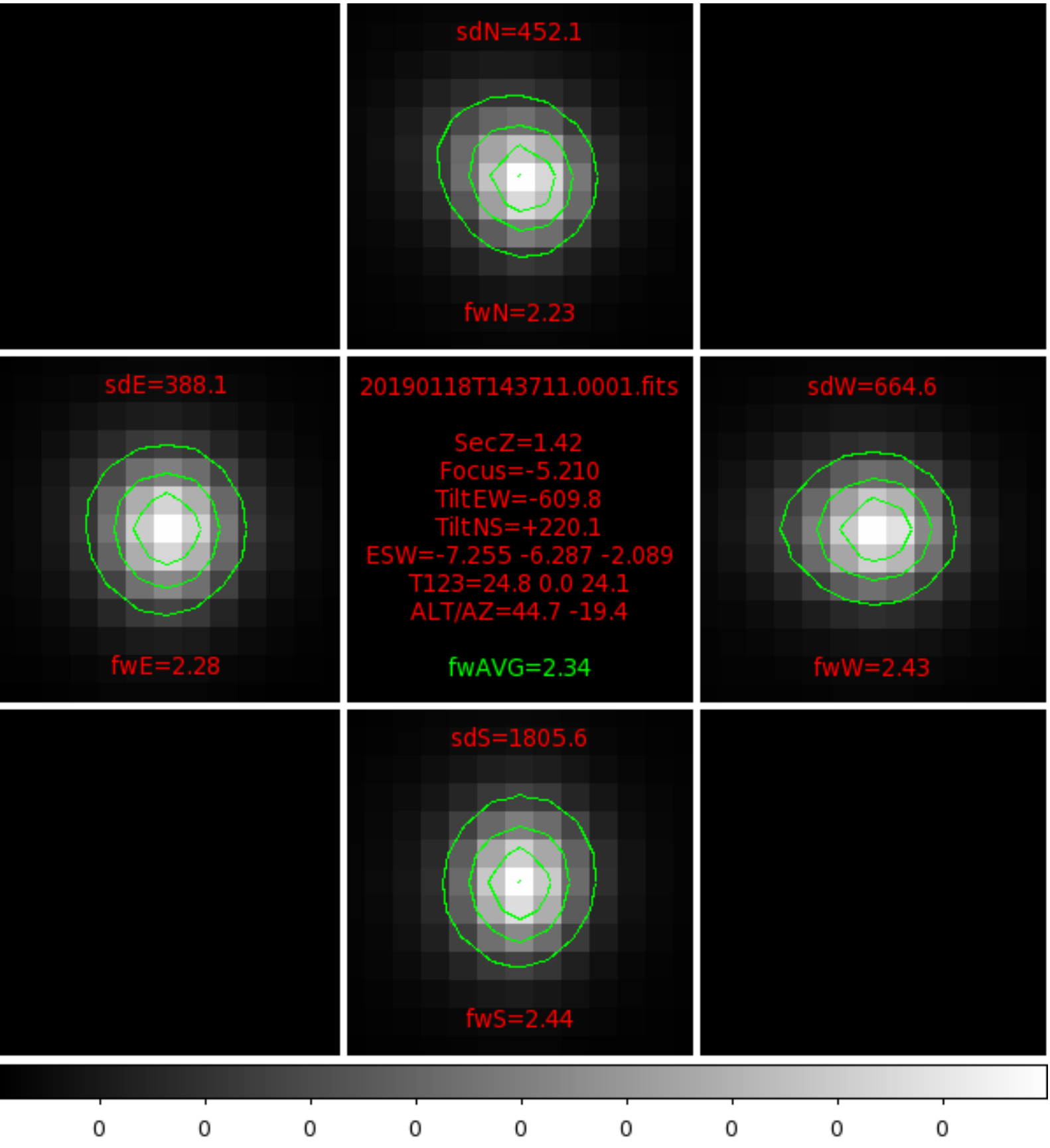
sdN=452.1
fwN=2.23
sdE=388.1
fwE=2.28
20190118T143711.0001.fits
SecZ=1.42
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 0.0 24.1
ALT/AZ=44.7 -19.4
fwAVG=2.34
sdW=664.6
fwW=2.43
sdS=1805.6
fwS=2.44
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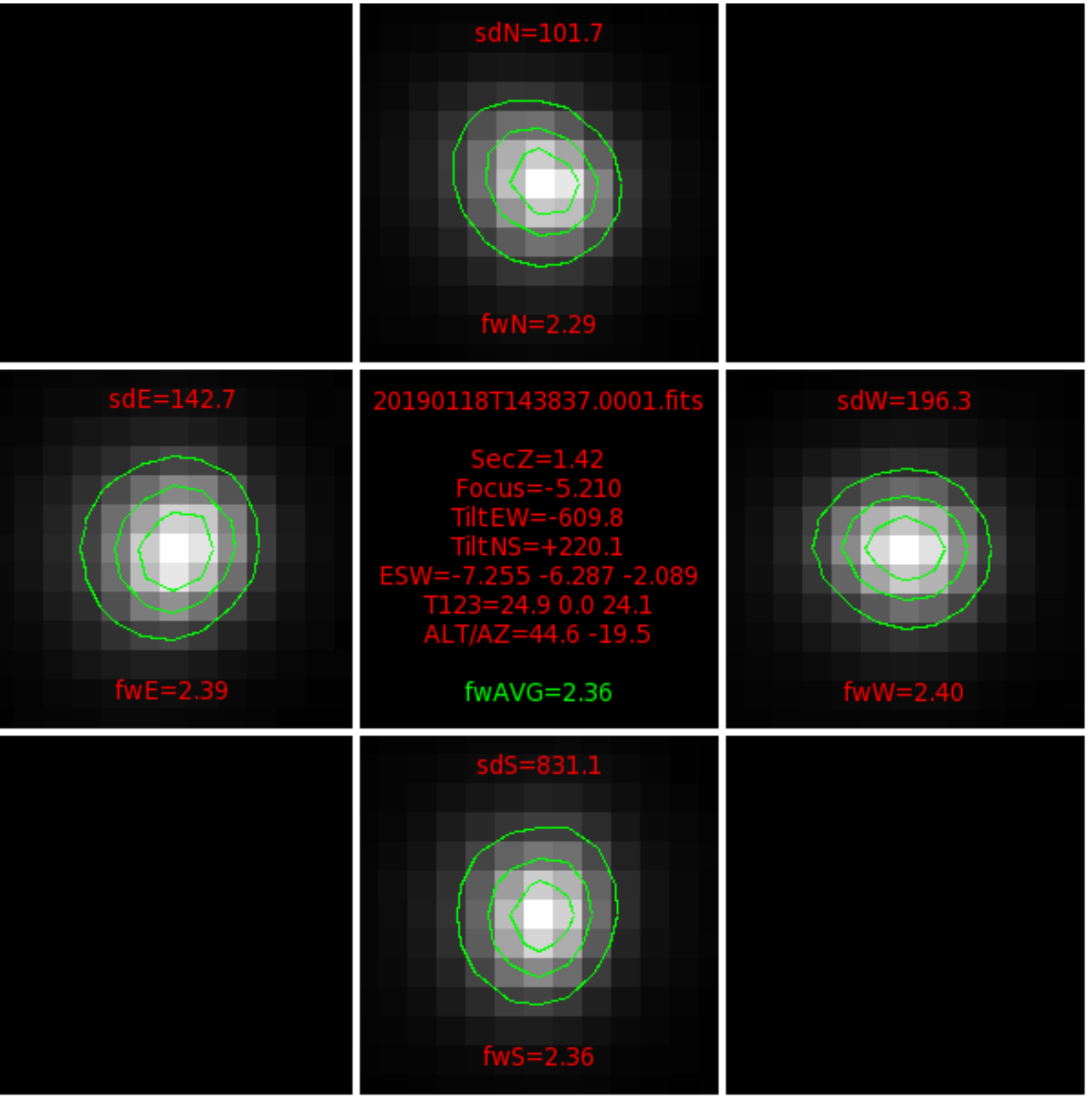
sdN=101.7
fwN=2.29
sdE=142.7
fwE=2.39
20190118T143837.0001.fits
SecZ=1.42
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.9 0.0 24.1
ALT/AZ=44.6 -19.5
fwAVG=2.36
sdW=196.3
fwW=2.40
sdS=831.1
fwS=2.36
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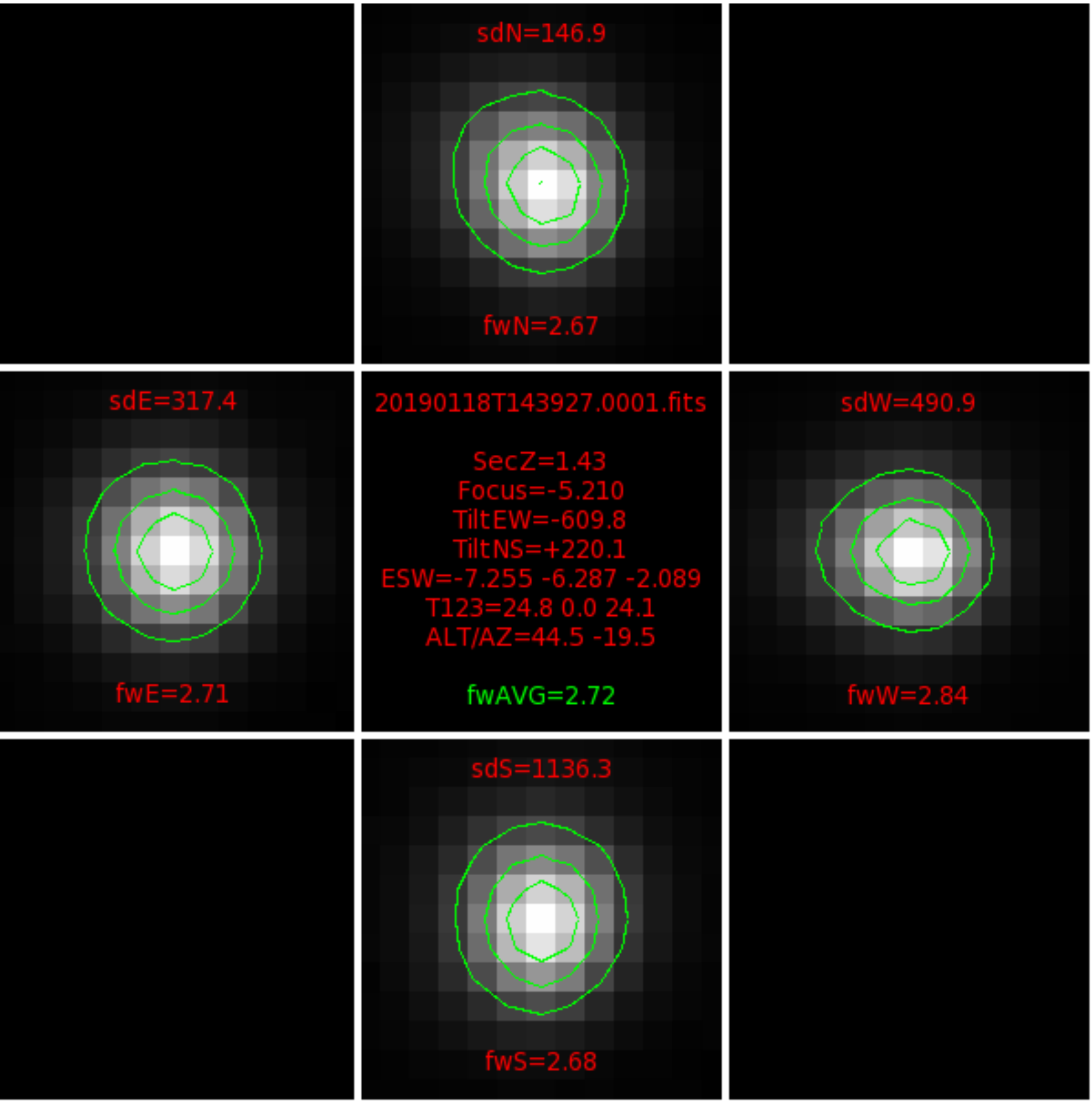
sdN=146.9
fwN=2.67
sdE=317.4
fwE=2.71
20190118T143927.0001.fits
SecZ=1.43
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 0.0 24.1
ALT/AZ=44.5 -19.5
fwAVG=2.72
sdW=490.9
fwW=2.84
sdS=1136.3
fwS=2.68
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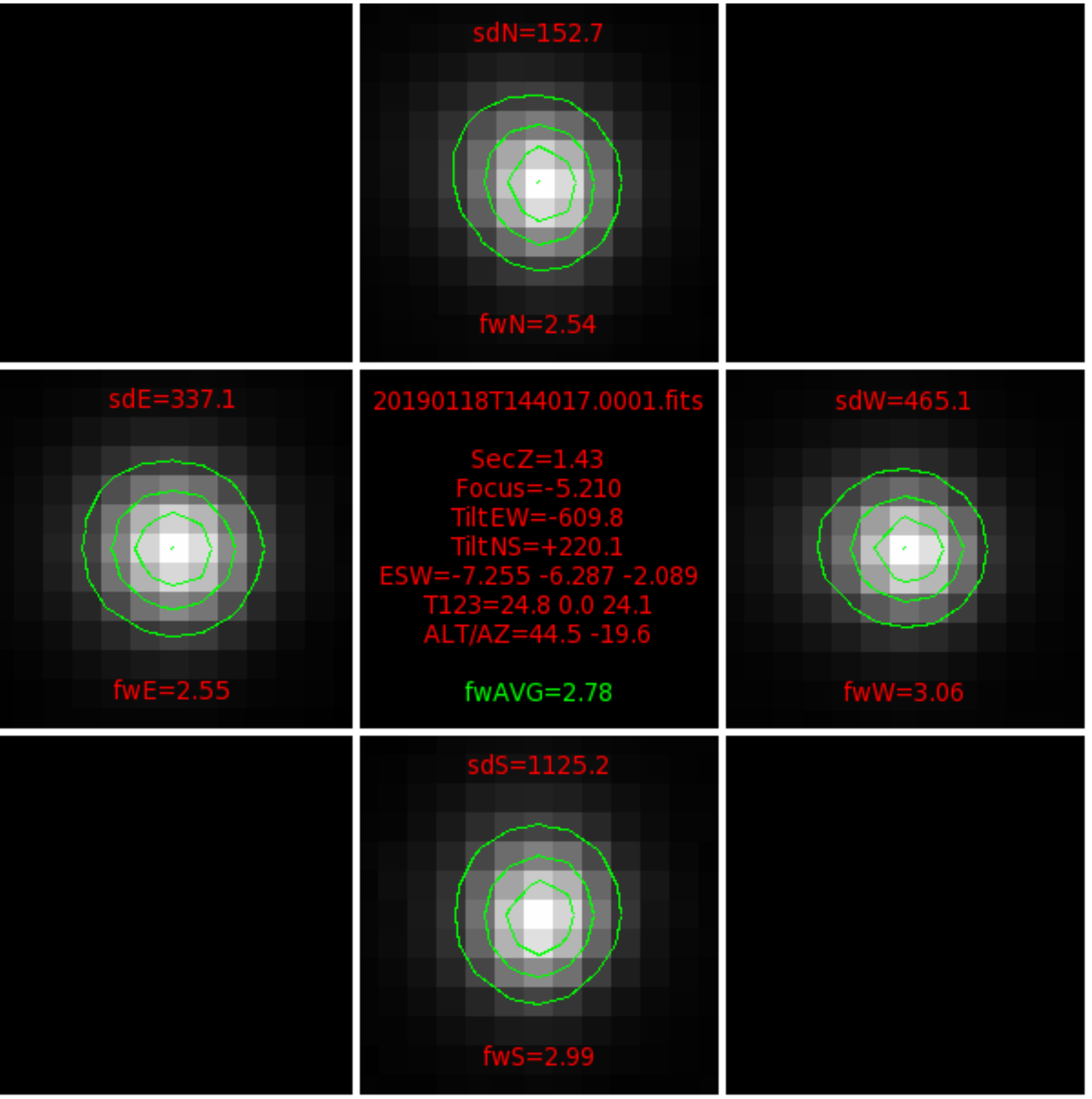
sdN=152.7
fwN=2.54
sdE=337.1
fwE=2.55
20190118T144017.0001.fits
SecZ=1.43
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 0.0 24.1
ALT/AZ=44.5 -19.6
fwAVG=2.78
sdW=465.1
fwW=3.06
sdS=1125.2
fwS=2.99
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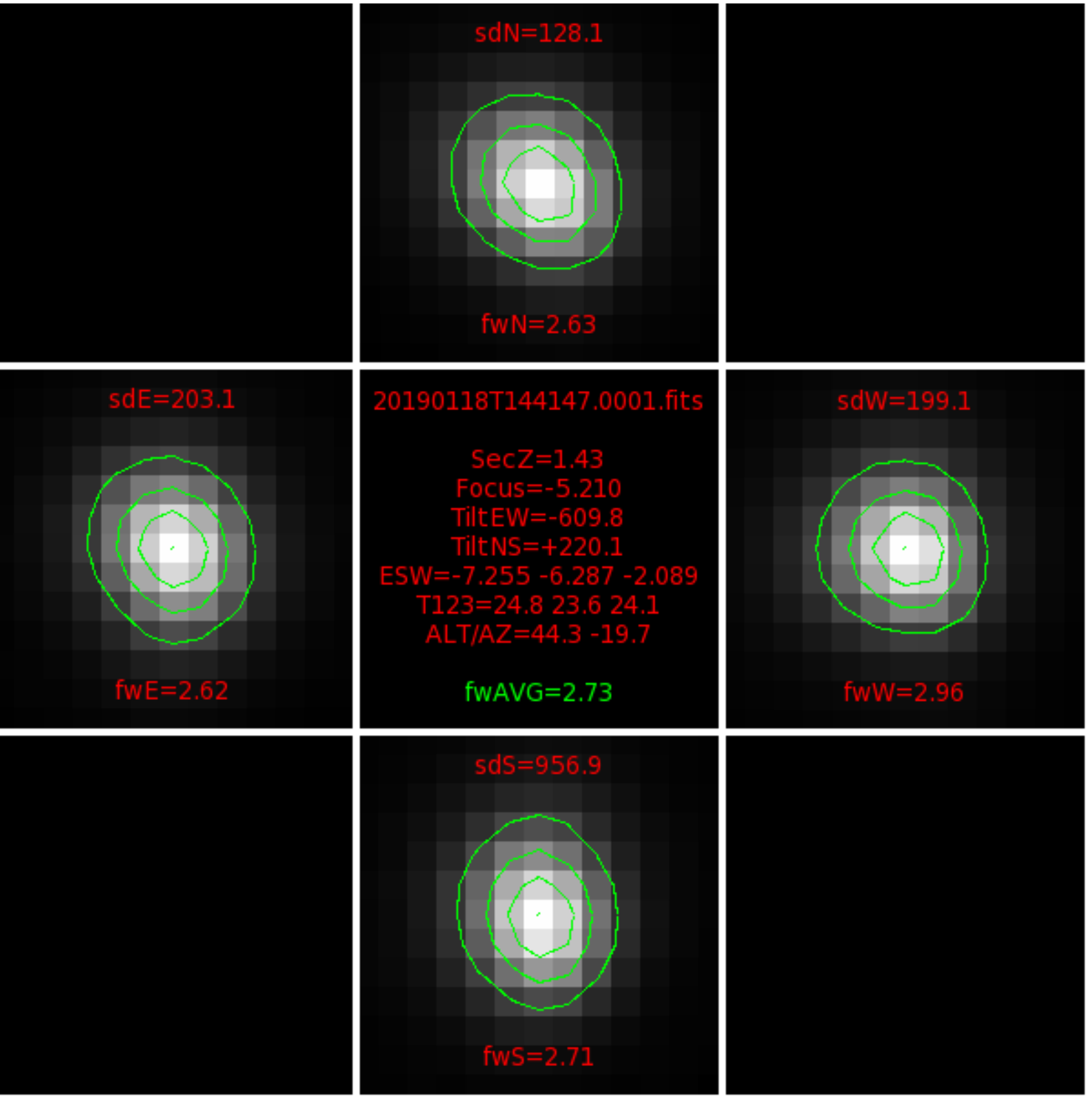
sdN=128.1
fwN=2.63
sdE=203.1
fwE=2.62
20190118T144147.0001.fits
SecZ=1.43
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 23.6 24.1
ALT/AZ=44.3 -19.7
fwAVG=2.73
sdW=199.1
fwW=2.96
sdS=956.9
fwS=2.71
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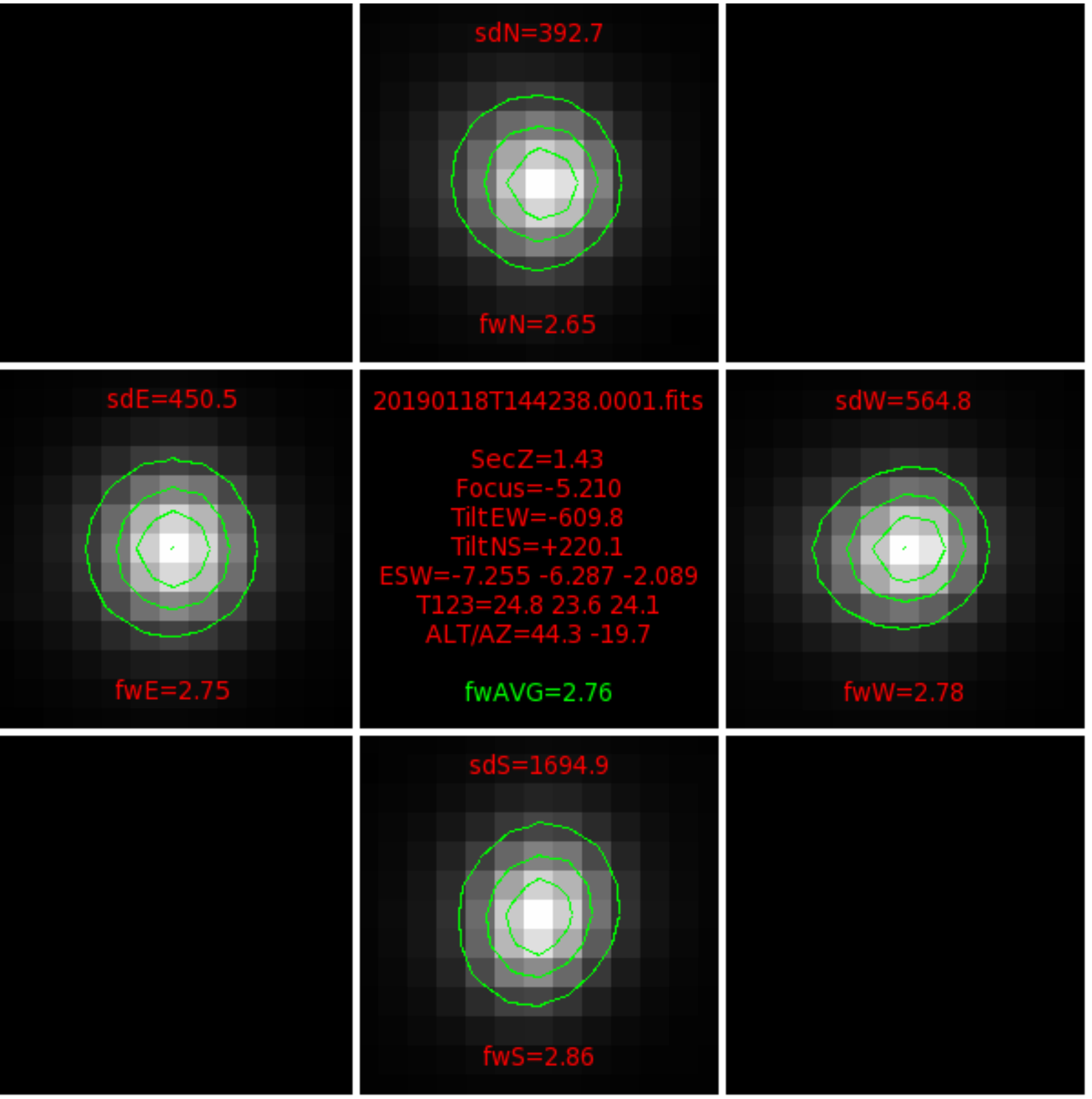
sdN=392.7
fwN=2.65
sdE=450.5
fwE=2.75
20190118T144238.0001.fits
SecZ=1.43
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 23.6 24.1
ALT/AZ=44.3 -19.7
fwAVG=2.76
sdW=564.8
fwW=2.78
sdS=1694.9
fwS=2.86
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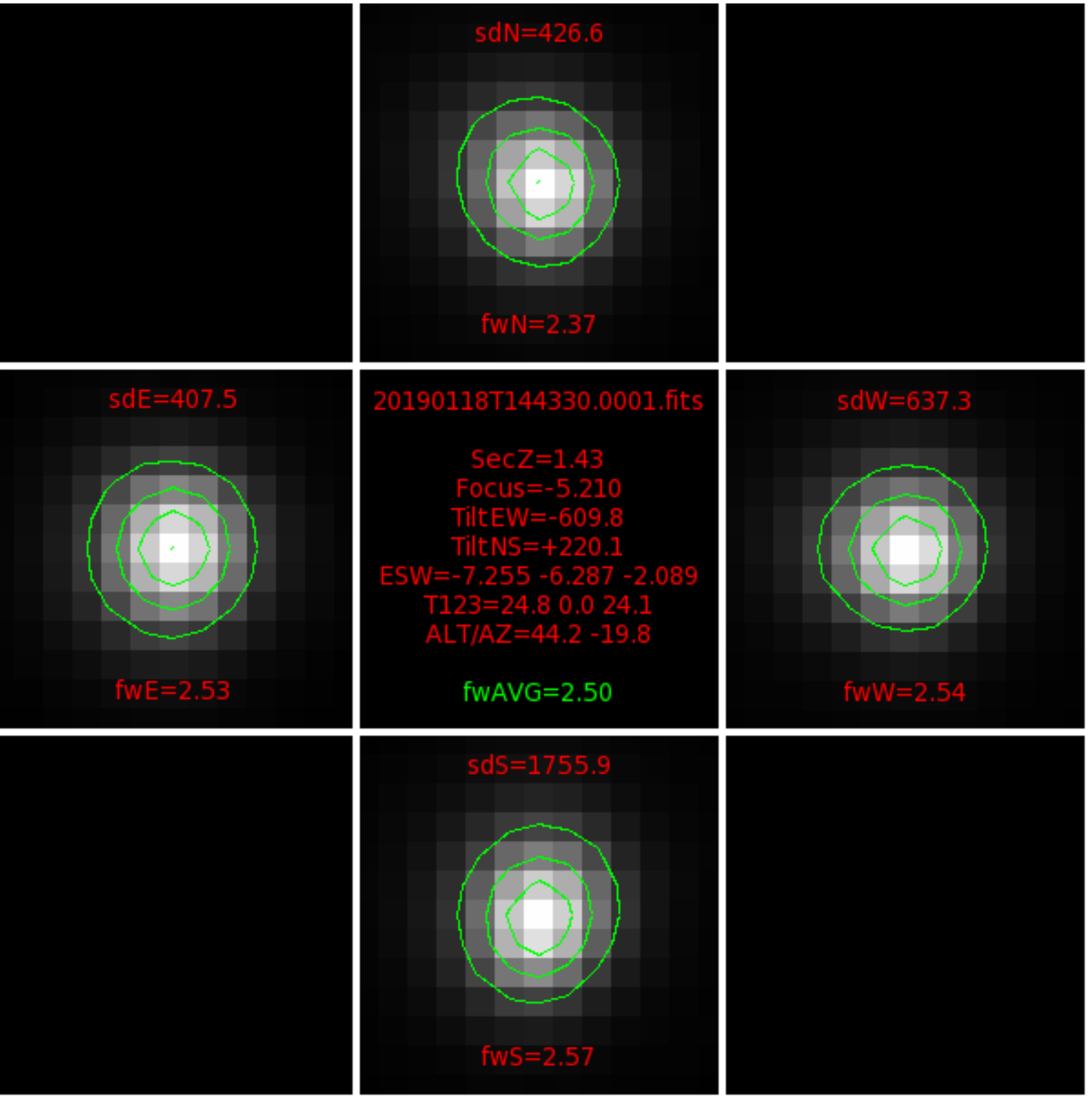
sdN=426.6
fwN=2.37
sdE=407.5
fwE=2.53
20190118T144330.0001.fits
SecZ=1.43
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 0.0 24.1
ALT/AZ=44.2 -19.8
fwAVG=2.50
sdW=637.3
fwW=2.54
sdS=1755.9
fwS=2.57
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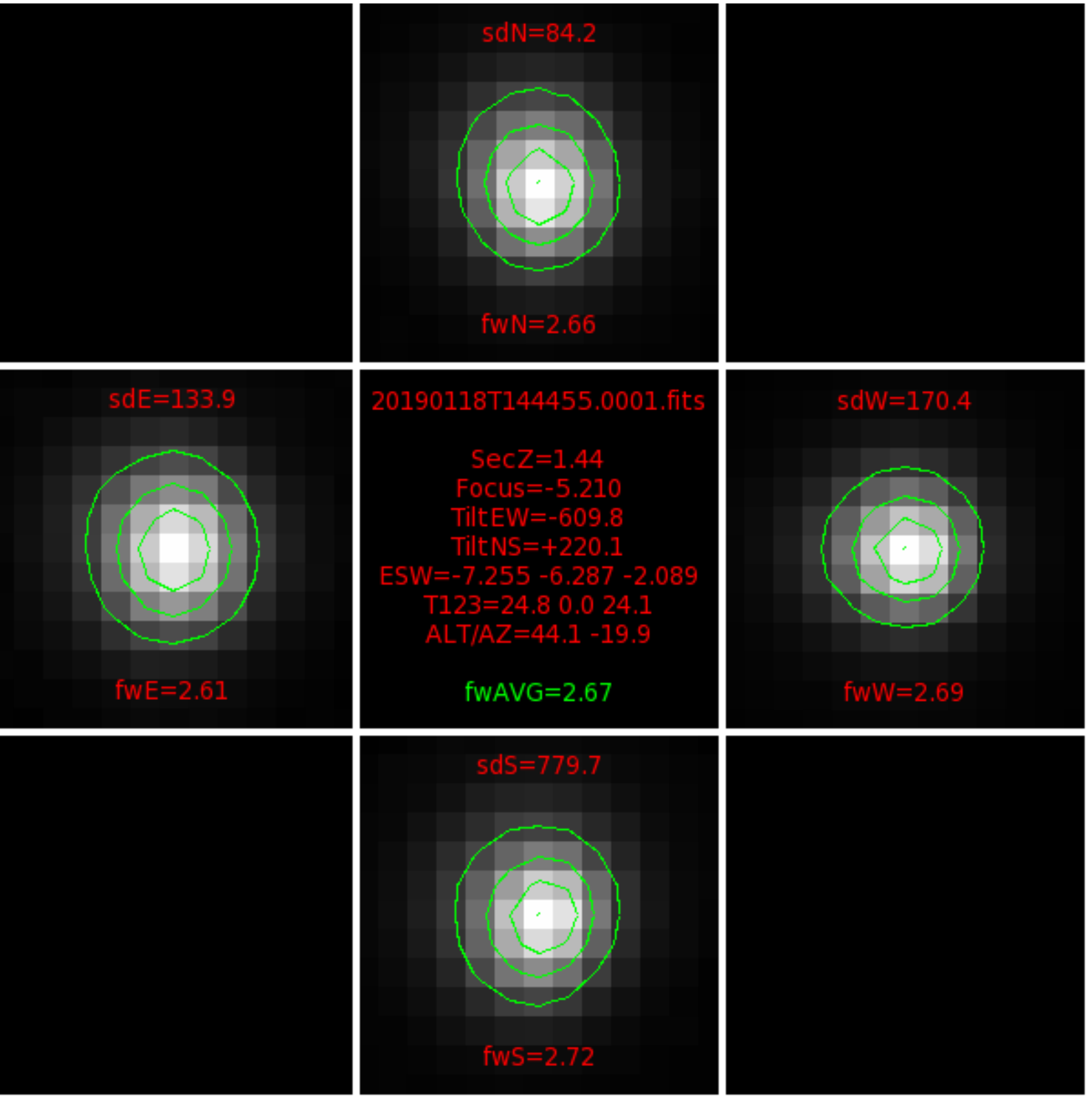
sdN=84.2
fwN=2.66
sdE=133.9
fwE=2.61
20190118T144455.0001.fits
SecZ=1.44
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 0.0 24.1
ALT/AZ=44.1 -19.9
fwAVG=2.67
sdW=170.4
fwW=2.69
sdS=779.7
fwS=2.72
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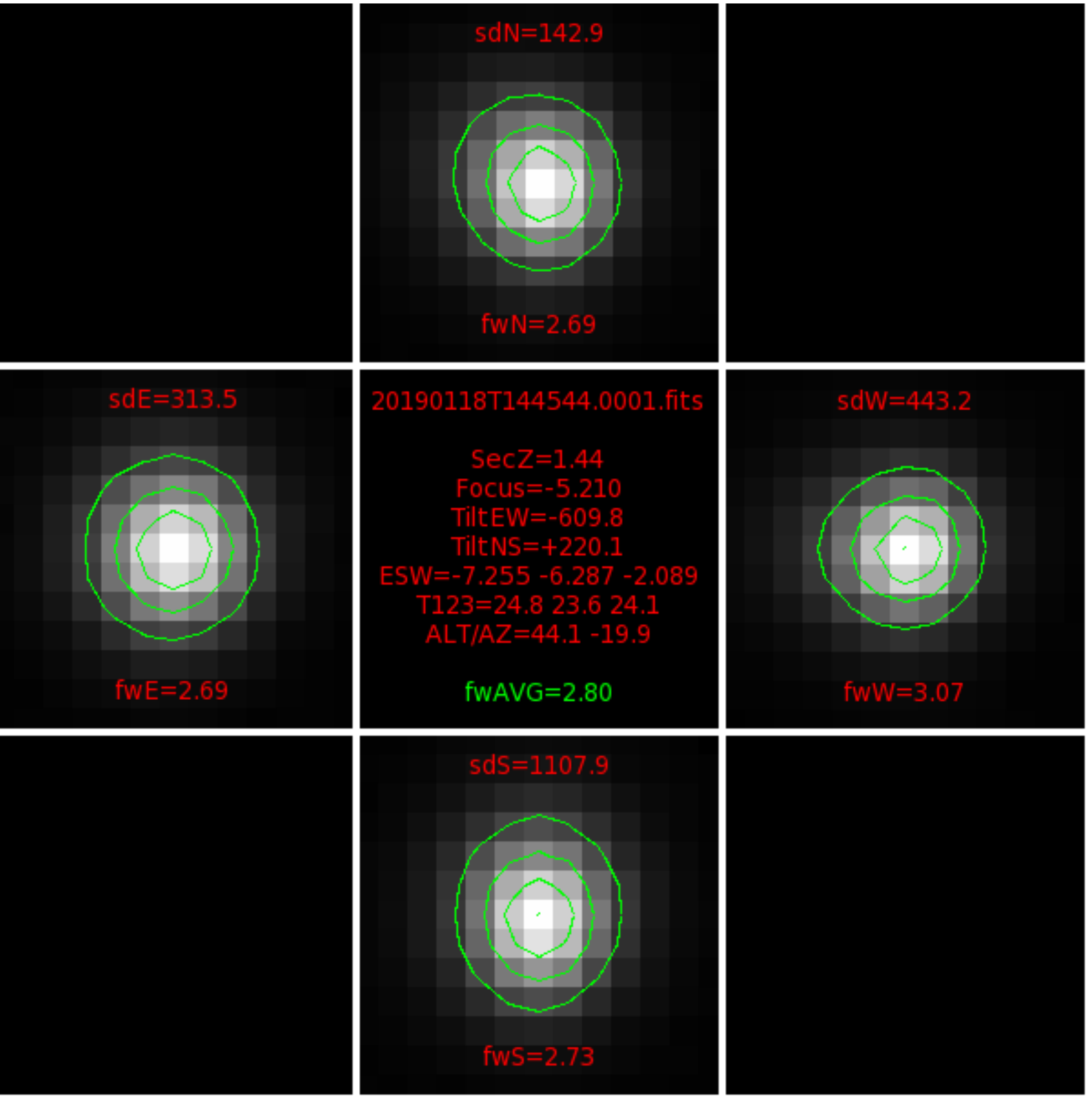
sdN=142.9
fwN=2.69
sdE=313.5
fwE=2.69
20190118T144544.0001.fits
SecZ=1.44
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 23.6 24.1
ALT/AZ=44.1 -19.9
fwAVG=2.80
sdW=443.2
fwW=3.07
sdS=1107.9
fwS=2.73
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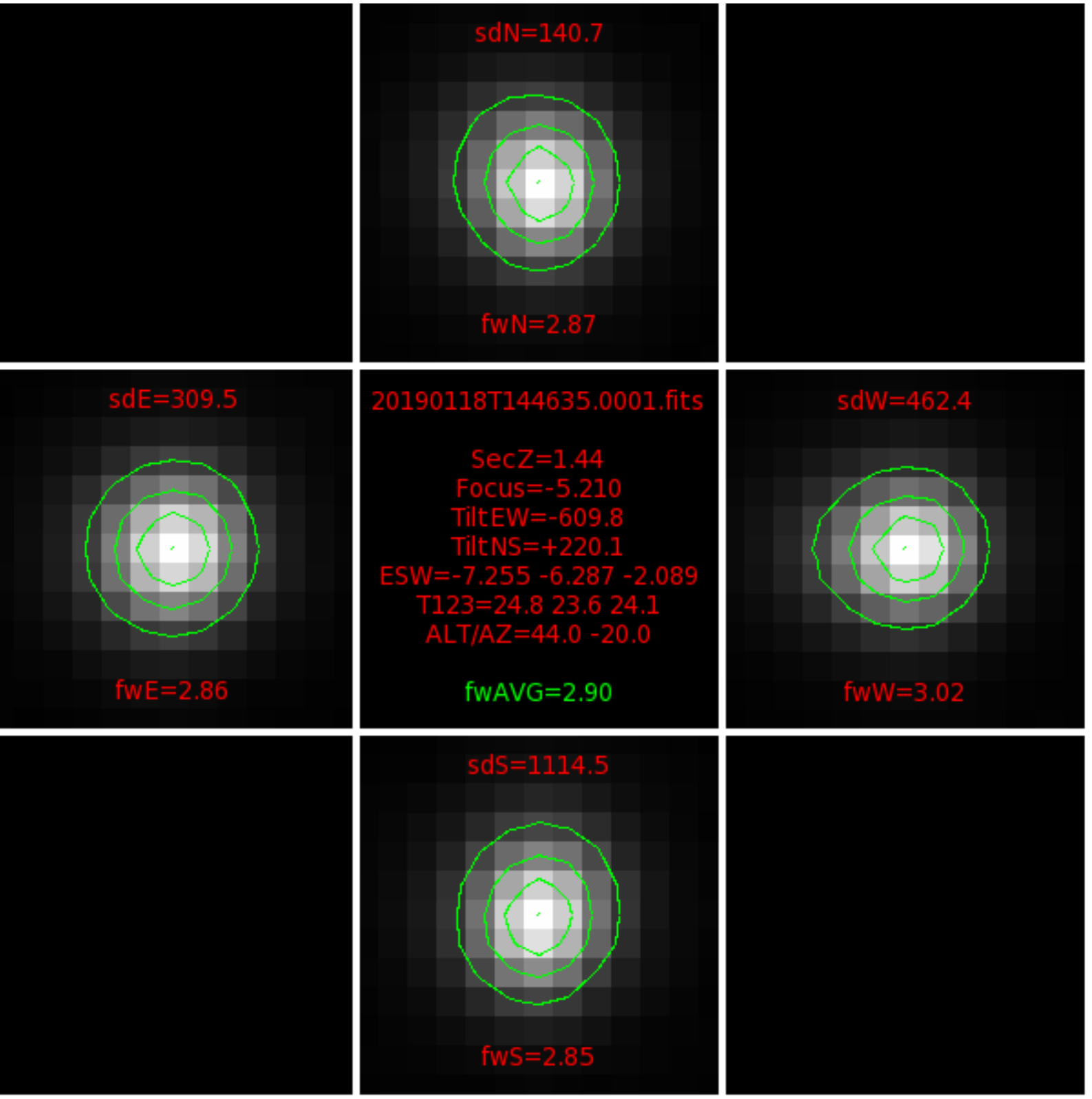
sdN=140.7
fwN=2.87
sdE=309.5
fwE=2.86
20190118T144635.0001.fits
SecZ=1.44
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.8 23.6 24.1
ALT/AZ=44.0 -20.0
fwAVG=2.90
sdW=462.4
fwW=3.02
sdS=1114.5
fwS=2.85
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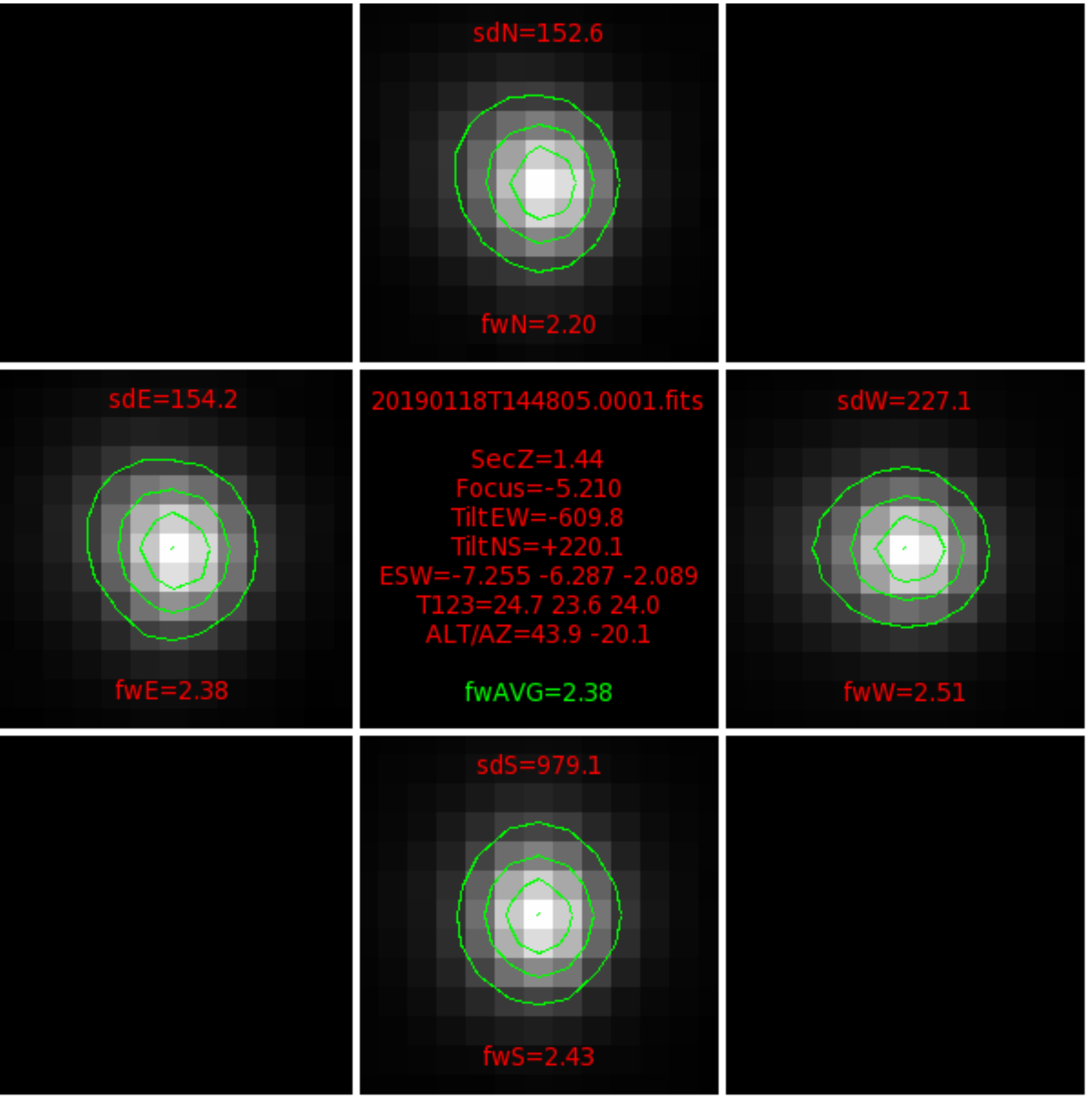
sdN=152.6
fwN=2.20
sdE=154.2
fwE=2.38
20190118T144805.0001.fits
SecZ=1.44
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 23.6 24.0
ALT/AZ=43.9 -20.1
fwAVG=2.38
sdW=227.1
fwW=2.51
sdS=979.1
fwS=2.43
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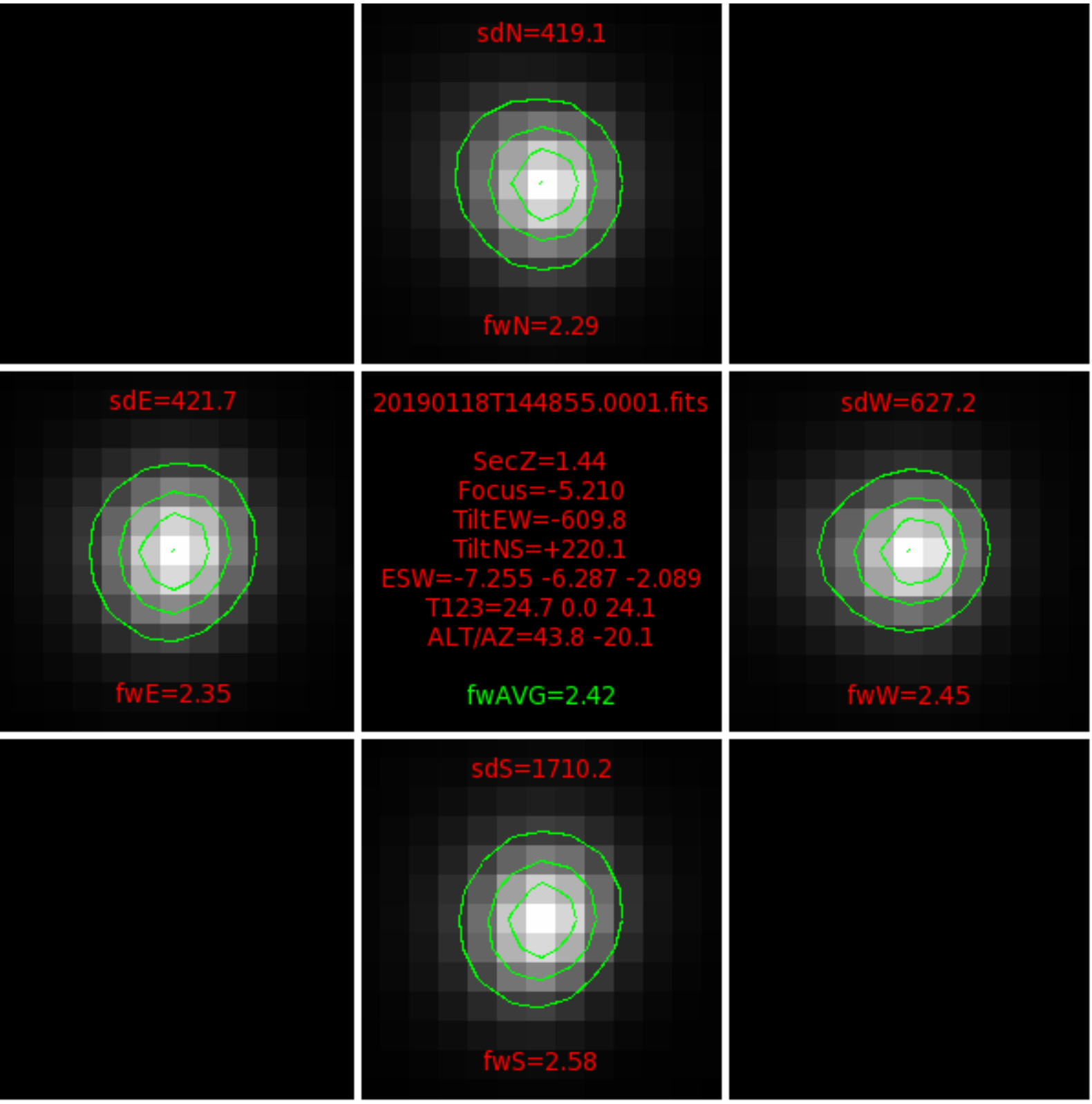
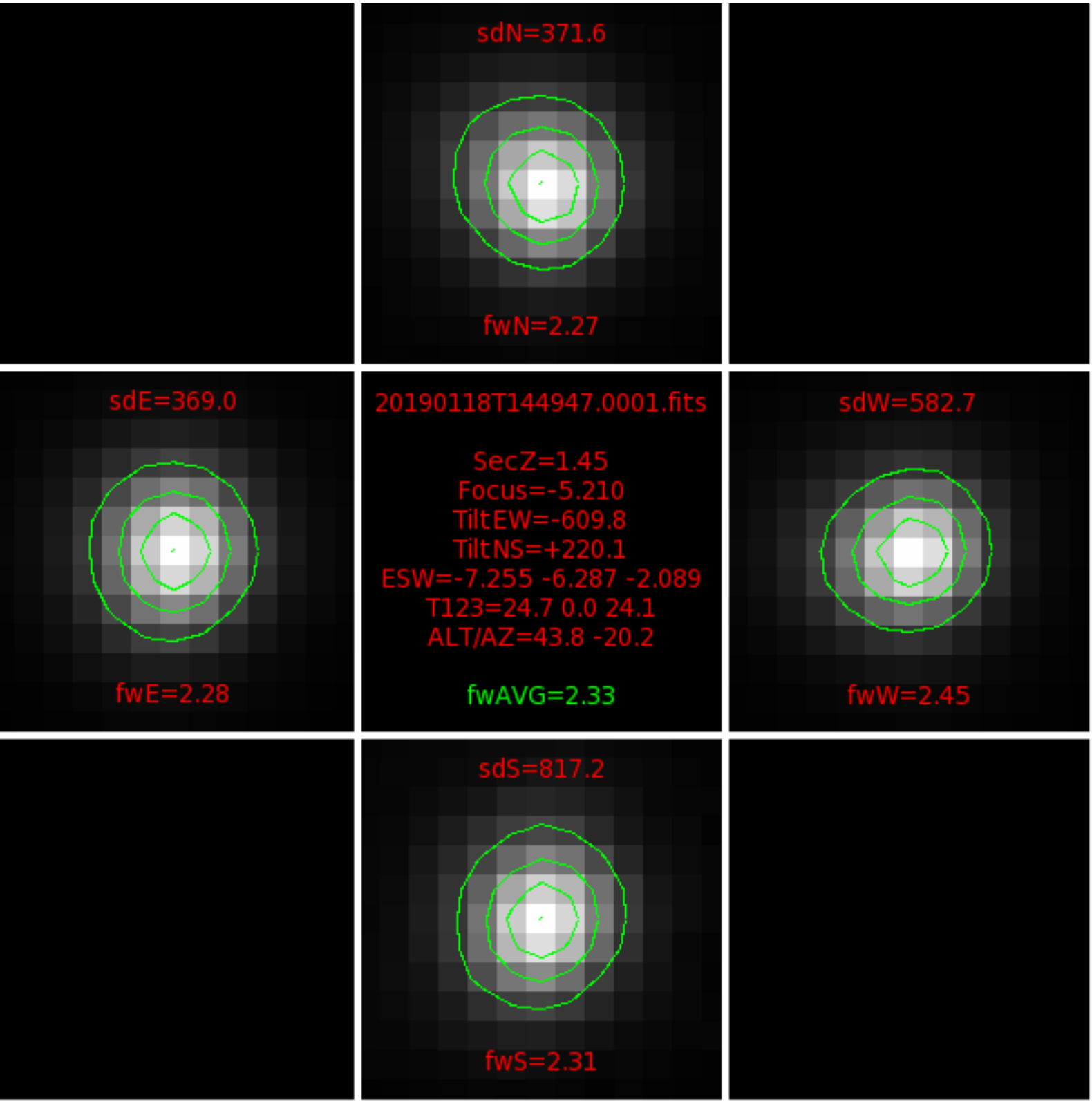

sdN=419.1
fwN=2.29
sdE=421.7
fwE=2.35
20190118T144855.0001.fits
SecZ=1.44
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 0.0 24.1
ALT/AZ=43.8 -20.1
fwAVG=2.42
sdW=627.2
fwW=2.45
sdS=1710.2
fwS=2.58
0 0 0 0 0 0 0 0 0


sdN=371.6
fwN=2.27
sdE=369.0
fwE=2.28
20190118T144947.0001.fits
SecZ=1.45
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 0.0 24.1
ALT/AZ=43.8 -20.2
fwAVG=2.33
sdW=582.7
fwW=2.45
sdS=817.2
fwS=2.31
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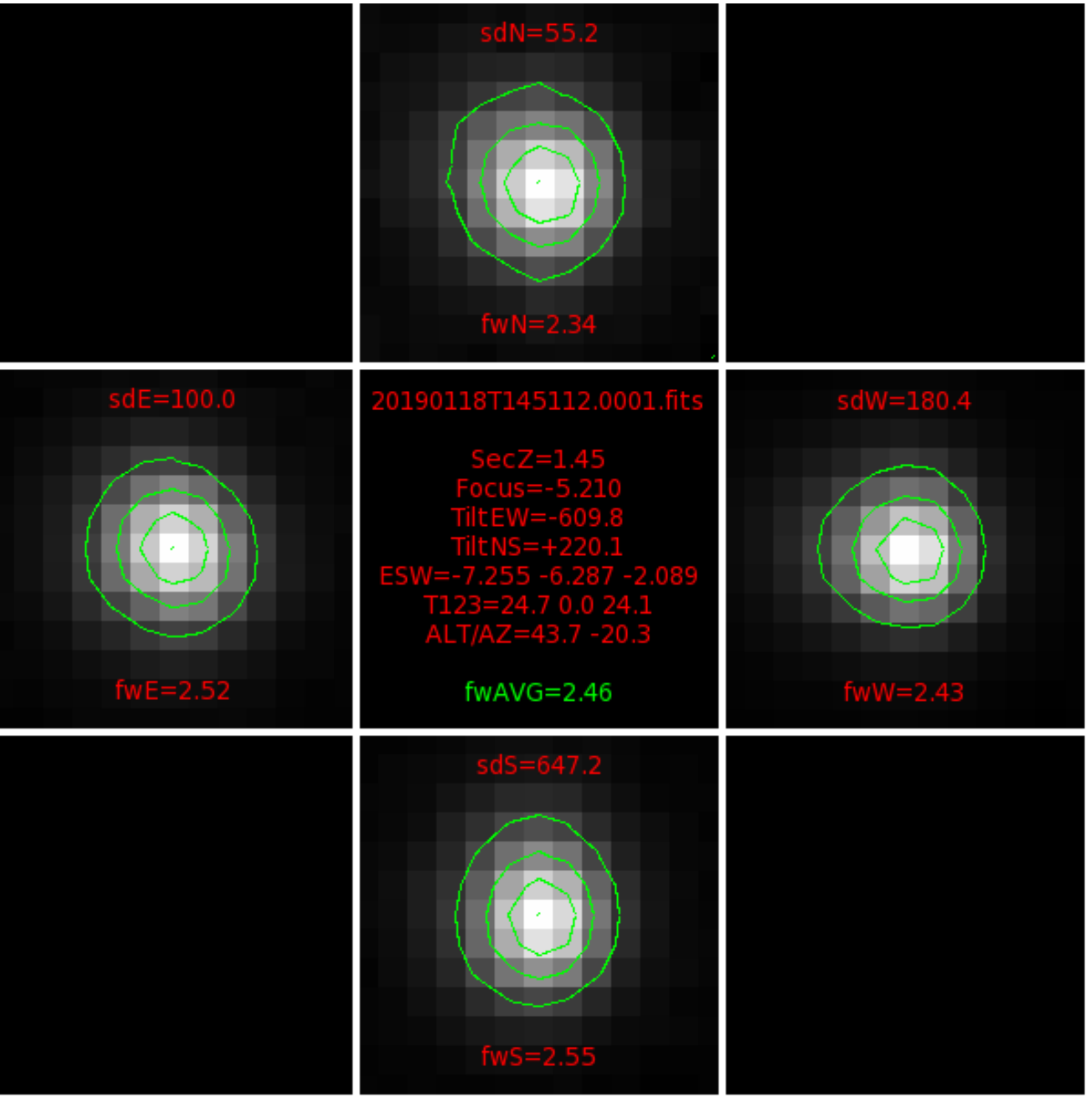
sdN=55.2
fwN=2.34
sdE=100.0
fwE=2.52
20190118T145112.0001.fits
SecZ=1.45
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 0.0 24.1
ALT/AZ=43.7 -20.3
fwAVG=2.46
sdW=180.4
fwW=2.43
sdS=647.2
fwS=2.55
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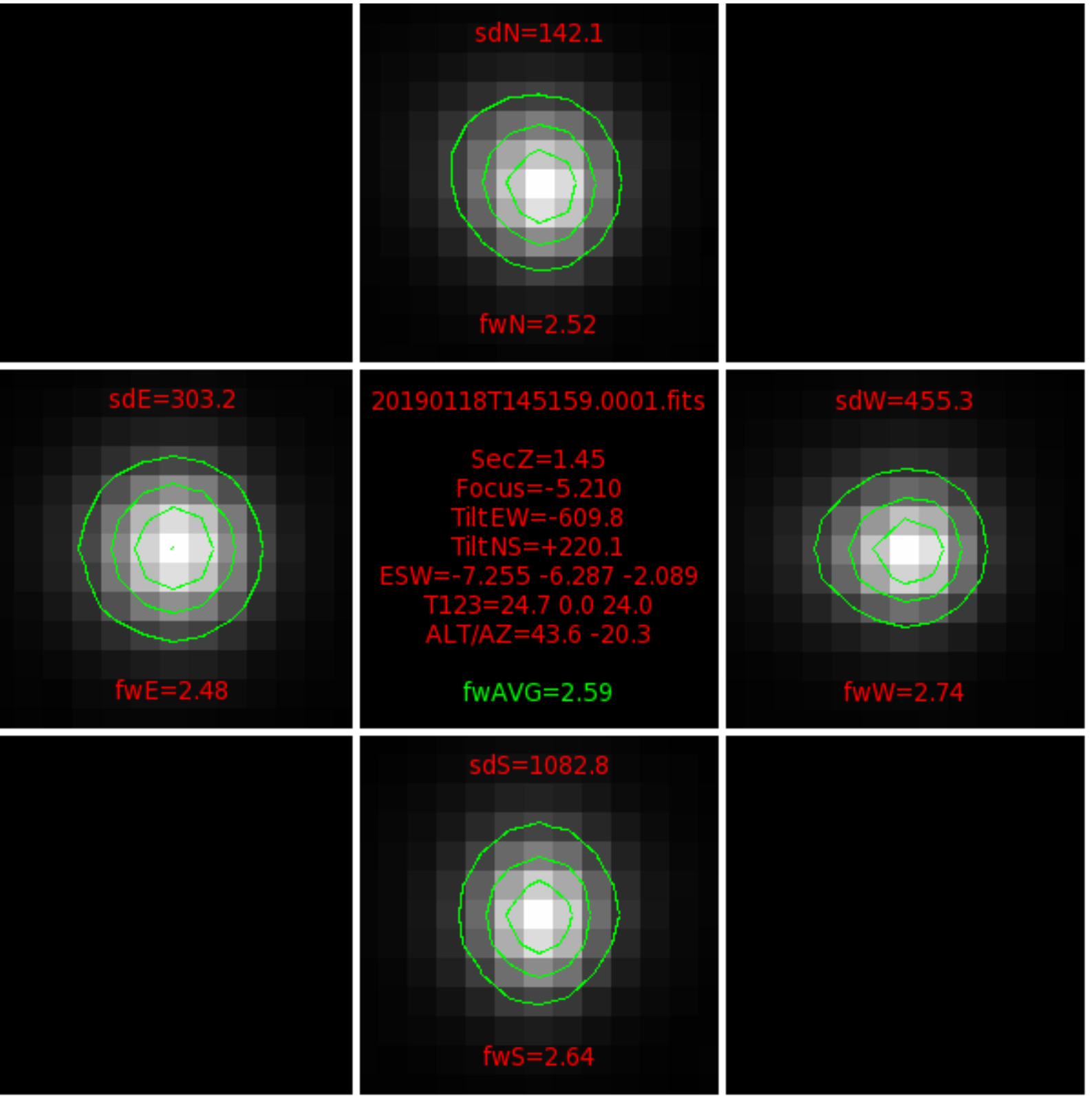
sdN=142.1
fwN=2.52
sdE=303.2
fwE=2.48
20190118T145159.0001.fits
SecZ=1.45
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 0.0 24.0
ALT/AZ=43.6 -20.3
fwAVG=2.59
sdW=455.3
fwW=2.74
sdS=1082.8
fwS=2.64
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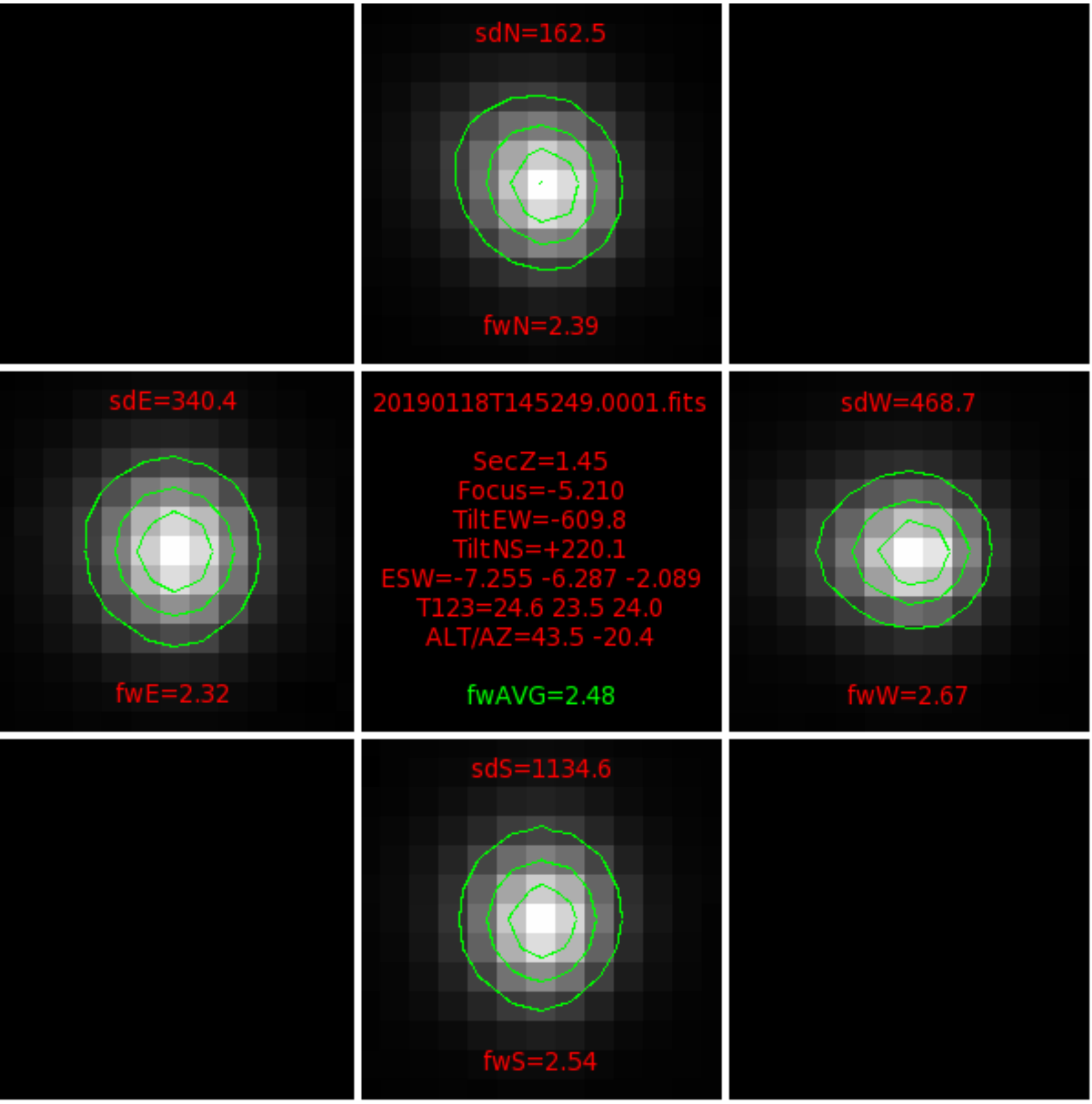
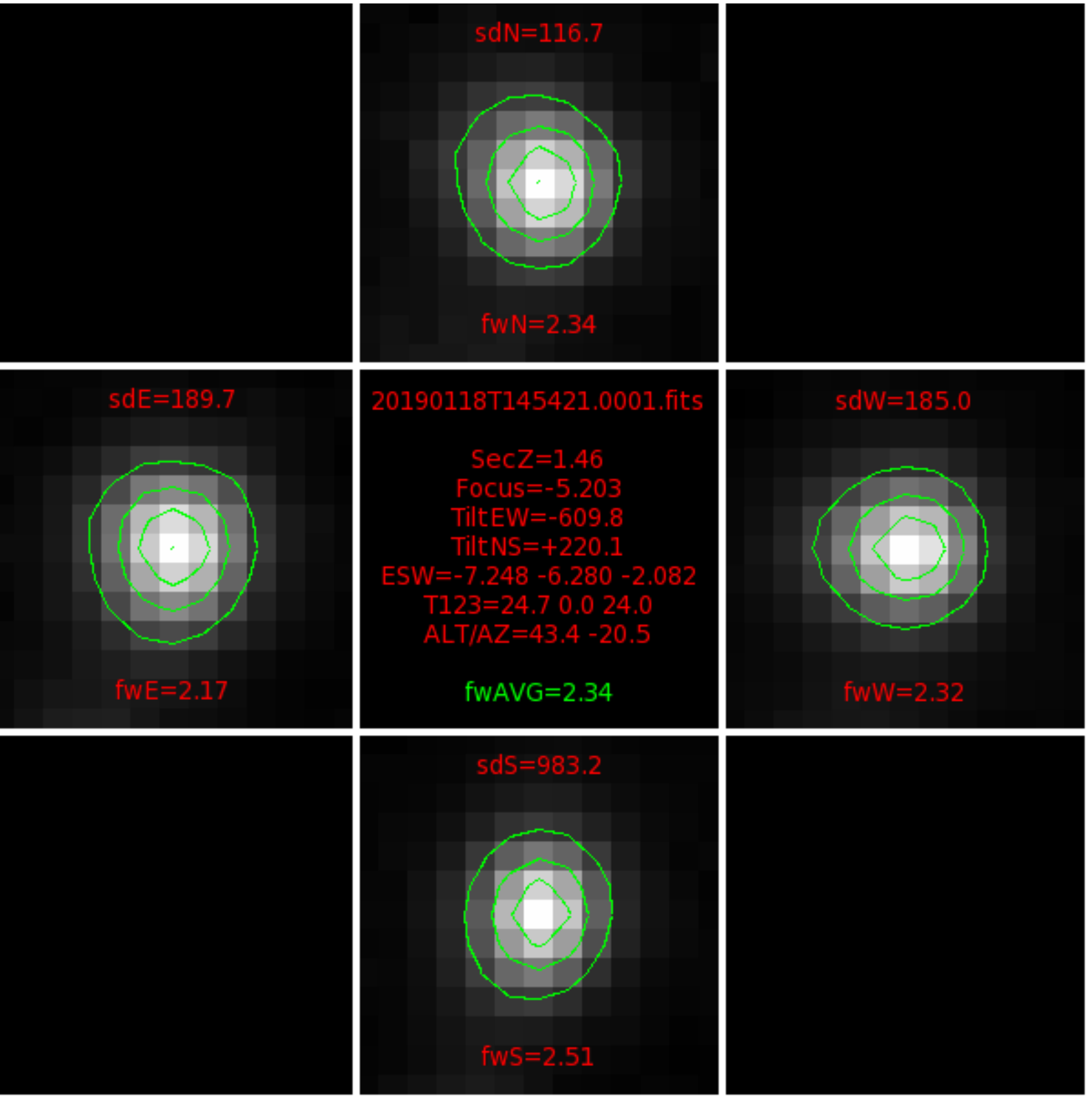

sdN=162.5
fwN=2.39
sdE=340.4
fwE=2.32
20190118T145249.0001.fits
SecZ=1.45
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.6 23.5 24.0
ALT/AZ=43.5 -20.4
fwAVG=2.48
sdW=468.7
fwW=2.67
sdS=1134.6
fwS=2.54
0 0 0 0 0 0 0 0 0


sdN=116.7
fwN=2.34
sdE=189.7
fwE=2.17
20190118T145421.0001.fits
SecZ=1.46
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=24.7 0.0 24.0
ALT/AZ=43.4 -20.5
fwAVG=2.34
sdW=185.0
fwW=2.32
sdS=983.2
fwS=2.51
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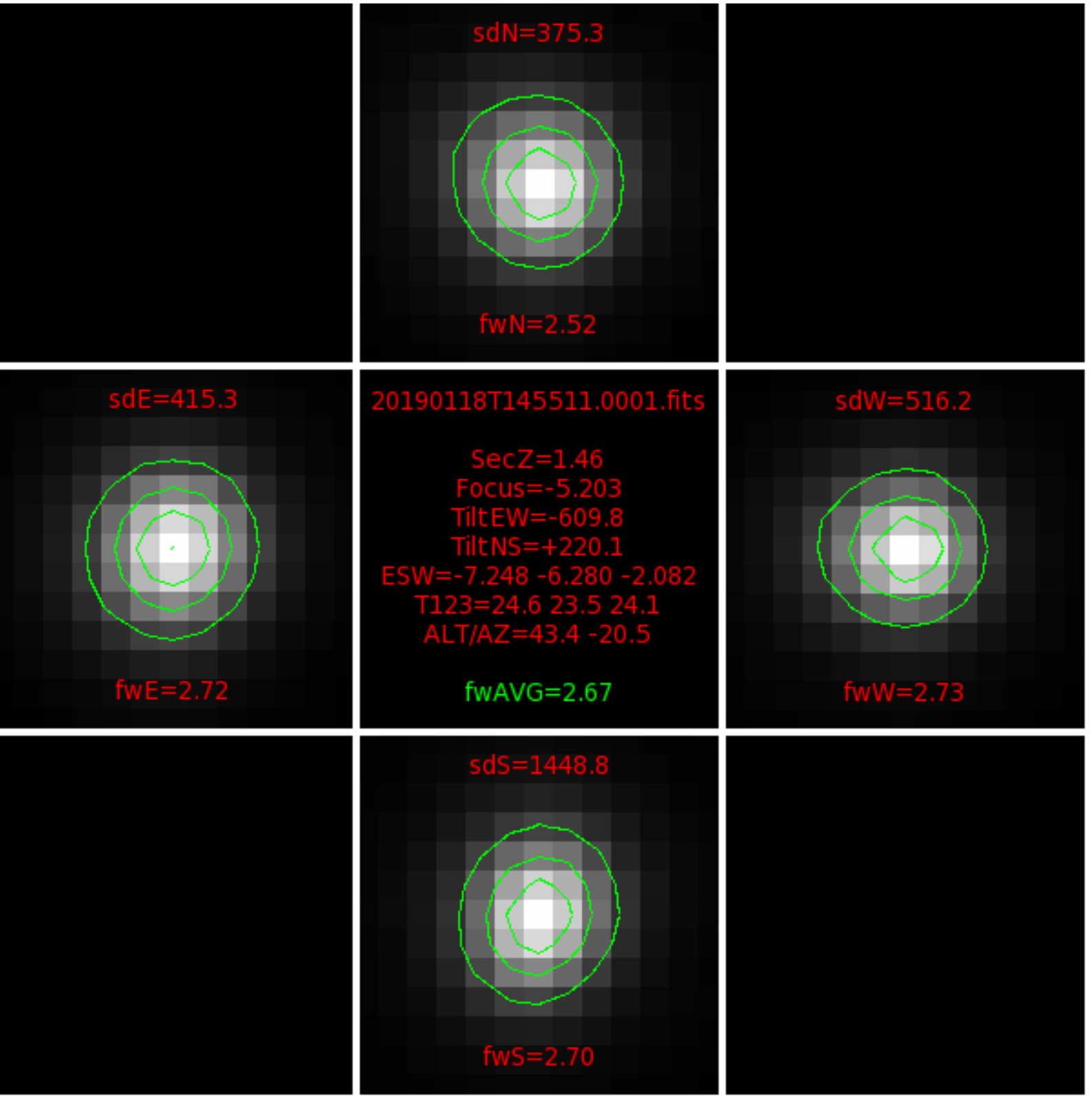
sdN=375.3
fwN=2.52
sdE=415.3
fwE=2.72
20190118T145511.0001.fits
SecZ=1.46
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=24.6 23.5 24.1
ALT/AZ=43.4 -20.5
fwAVG=2.67
sdW=516.2
fwW=2.73
sdS=1448.8
fwS=2.70
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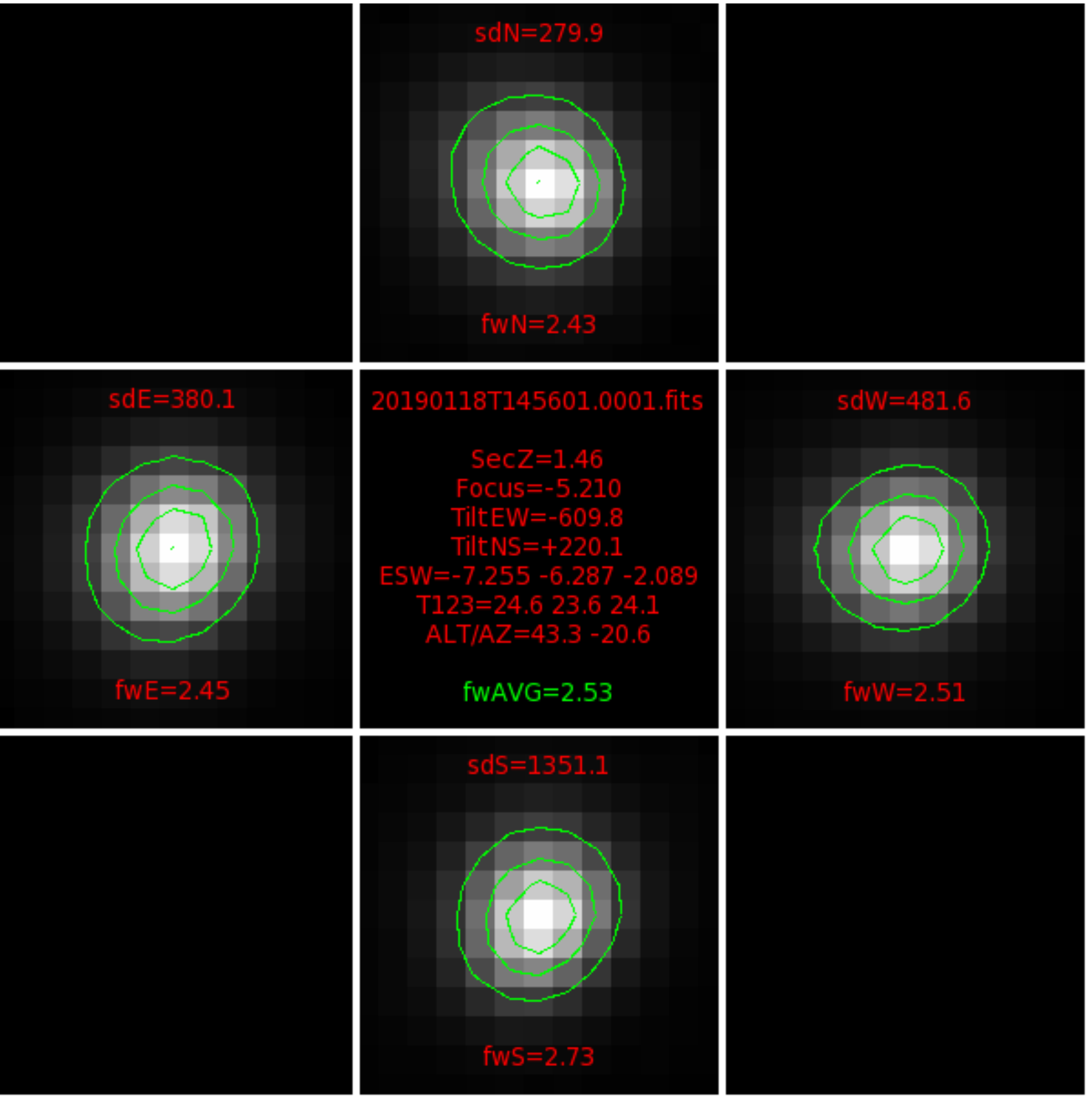
sdN=279.9
fwN=2.43
sdE=380.1
fwE=2.45
20190118T145601.0001.fits
SecZ=1.46
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.6 23.6 24.1
ALT/AZ=43.3 -20.6
fwAVG=2.53
sdW=481.6
fwW=2.51
sdS=1351.1
fwS=2.73
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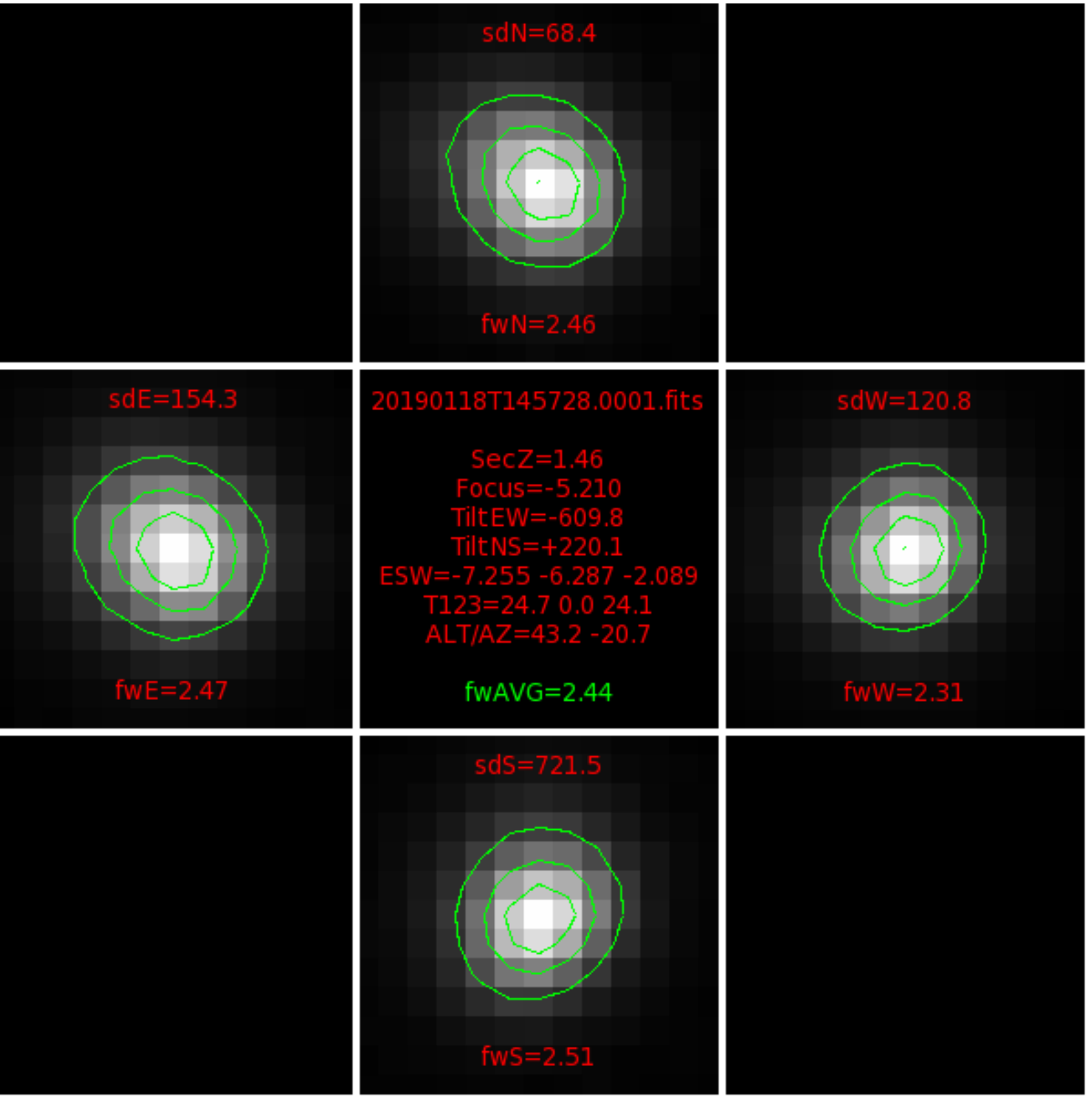
sdN=68.4
fwN=2.46
sdE=154.3
fwE=2.47
20190118T145728.0001.fits
SecZ=1.46
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 0.0 24.1
ALT/AZ=43.2 -20.7
fwAVG=2.44
sdW=120.8
fwW=2.31
sdS=721.5
fwS=2.51
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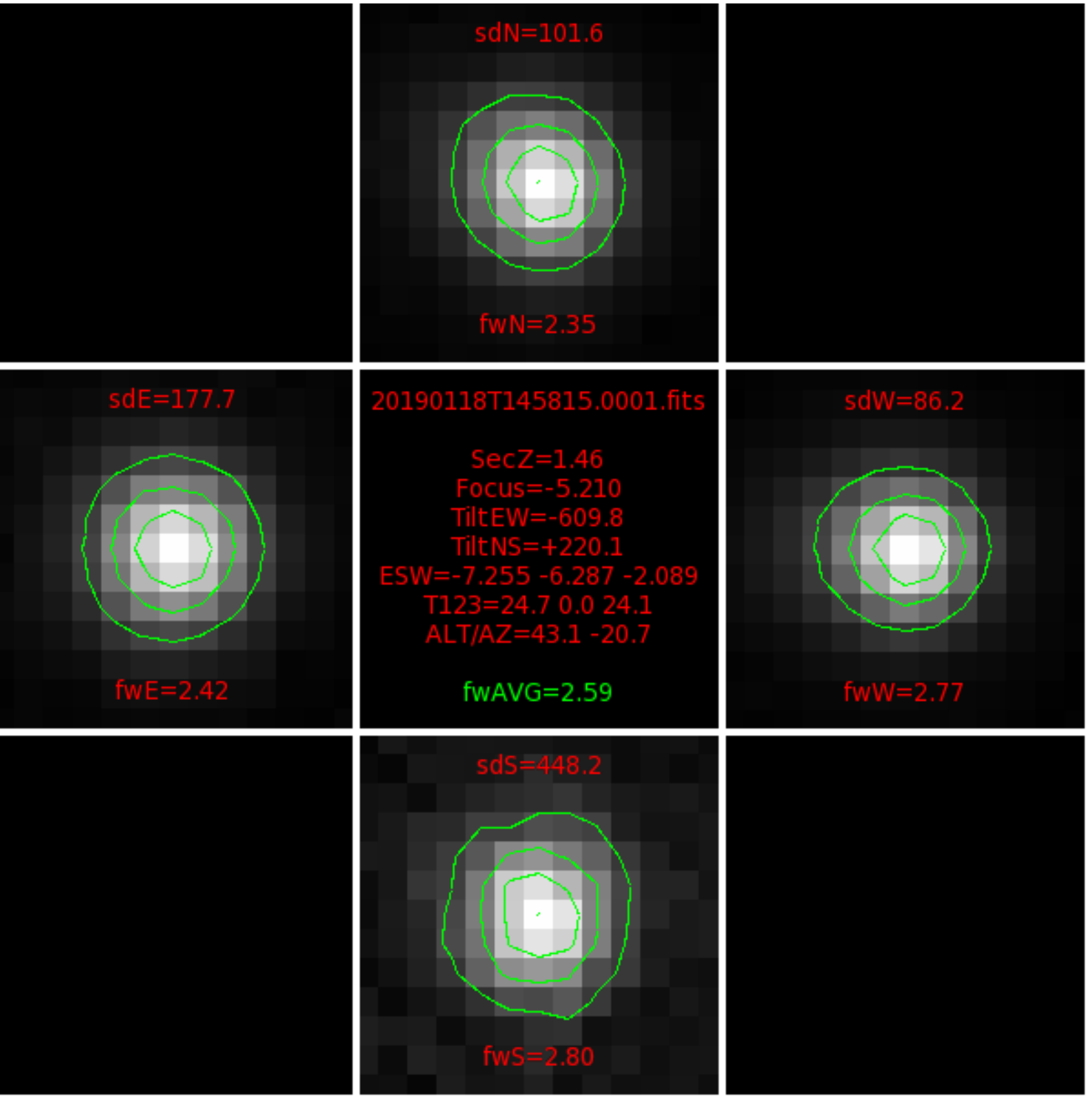
sdN=101.6
fwN=2.35
sdE=177.7
fwE=2.42
20190118T145815.0001.fits
SecZ=1.46
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 0.0 24.1
ALT/AZ=43.1 -20.7
fwAVG=2.59
sdW=86.2
fwW=2.77
sdS=448.2
fwS=2.80
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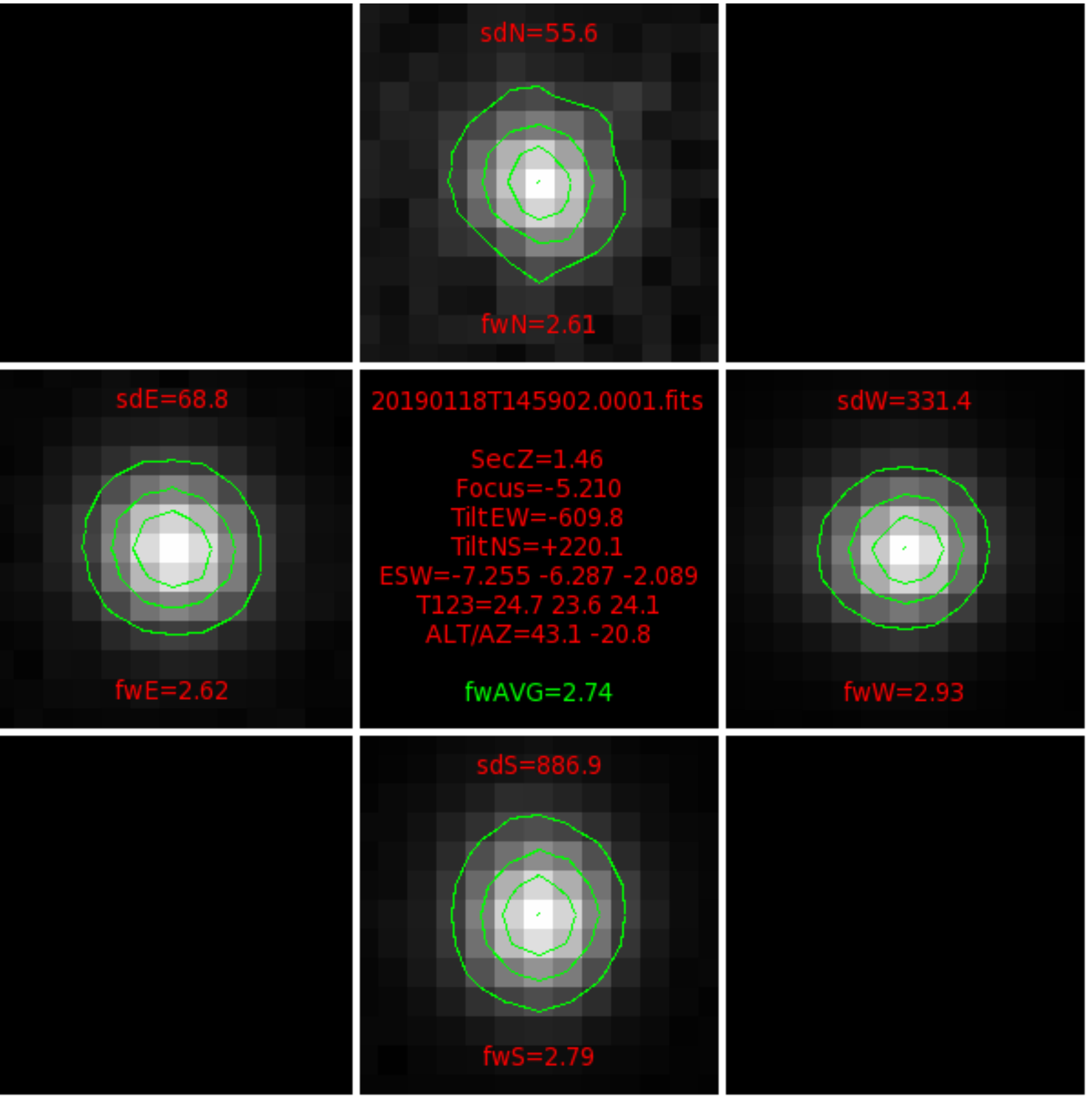
sdN=55.6
fwN=2.61
sdE=68.8
fwE=2.62
20190118T145902.0001.fits
SecZ=1.46
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 23.6 24.1
ALT/AZ=43.1 -20.8
fwAVG=2.74
sdW=331.4
fwW=2.93
sdS=886.9
fwS=2.79
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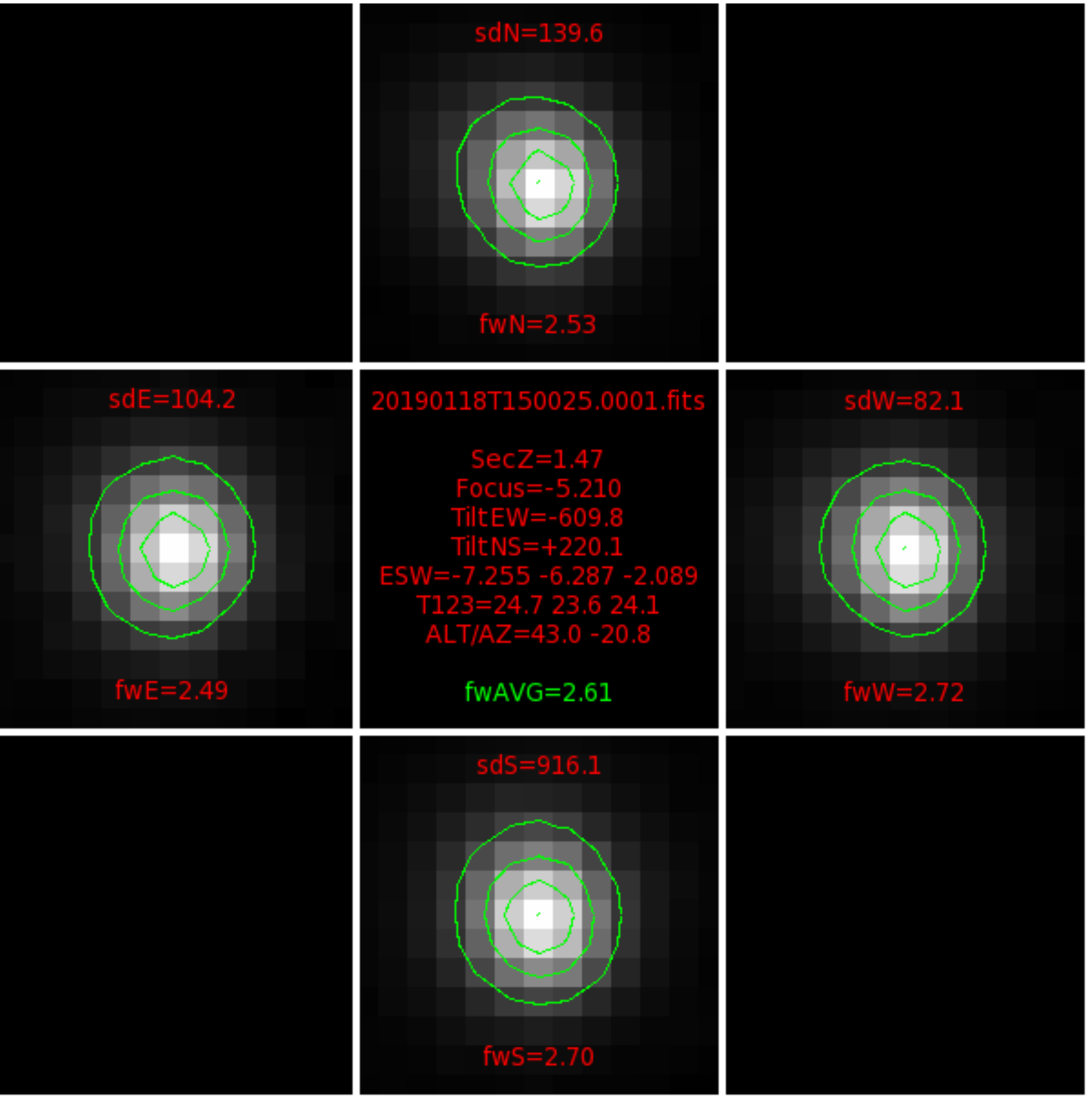
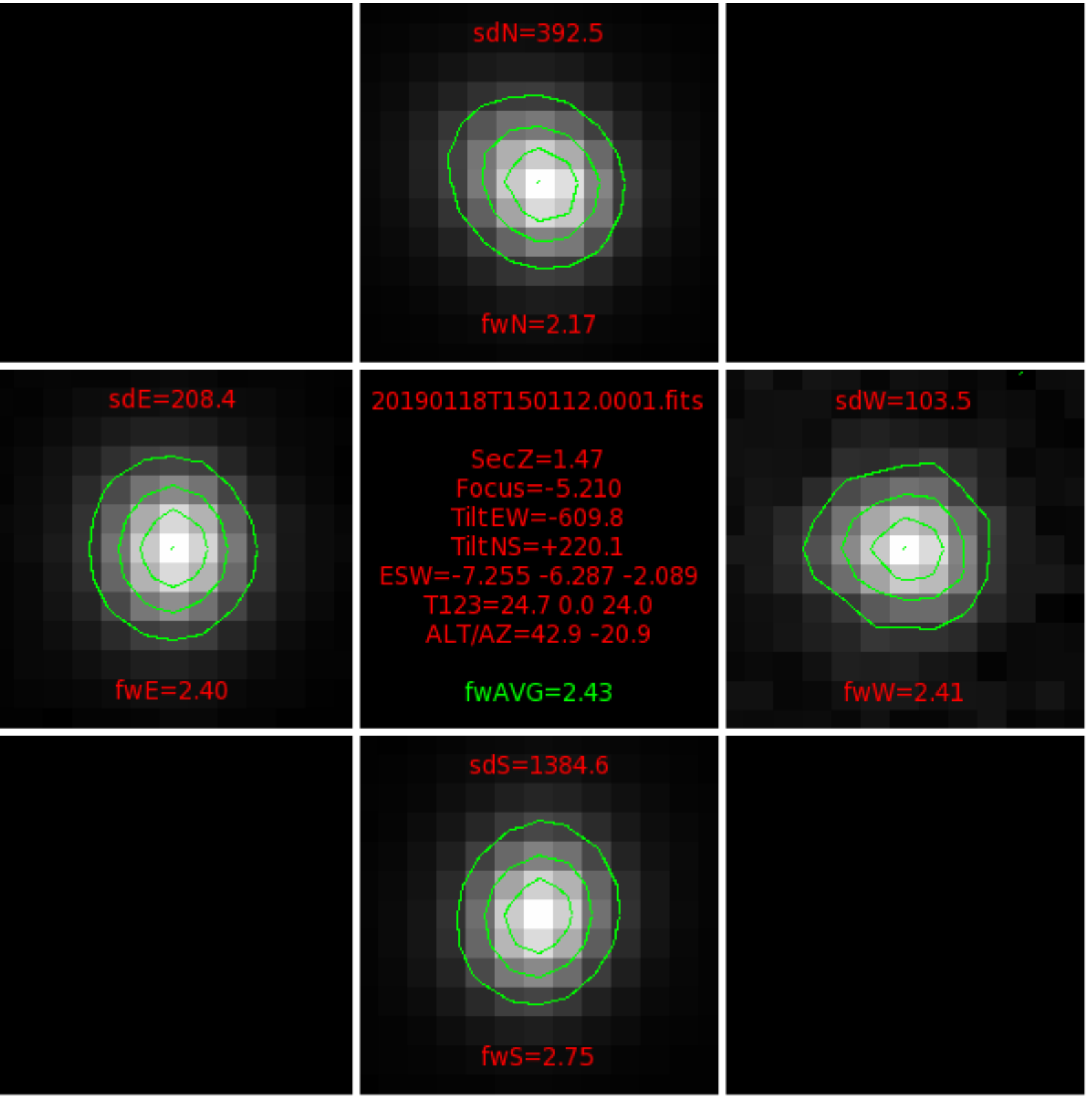
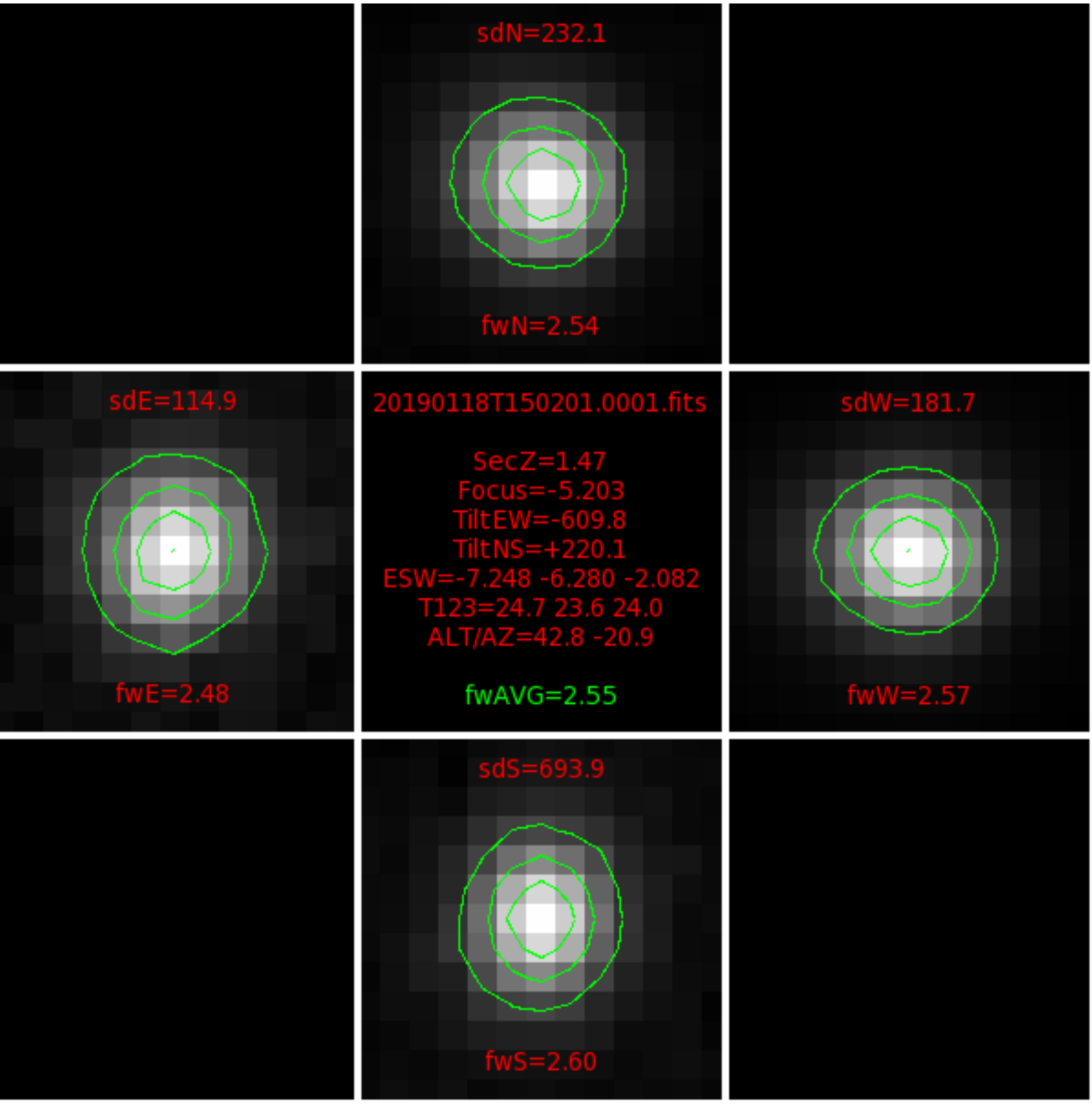

sdN=139.6
fwN=2.53
sdE=104.2
fwE=2.49
20190118T150025.0001.fits
SecZ=1.47
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 23.6 24.1
ALT/AZ=43.0 -20.8
fwAVG=2.61
sdW=82.1
fwW=2.72
sdS=916.1
fwS=2.70
0 0 0 0 0 0 0 0 0


sdN=392.5
fwN=2.17
sdE=208.4
fwE=2.40
20190118T150112.0001.fits
SecZ=1.47
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 0.0 24.0
ALT/AZ=42.9 -20.9
fwAVG=2.43
sdW=103.5
fwW=2.41
sdS=1384.6
fwS=2.75
0 0 0 0 0 0 0 0 0


sdN=232.1
fwN=2.54
sdE=114.9
fwE=2.48
20190118T150201.0001.fits
SecZ=1.47
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=24.7 23.6 24.0
ALT/AZ=42.8 -20.9
fwAVG=2.55
sdW=181.7
fwW=2.57
sdS=693.9
fwS=2.60
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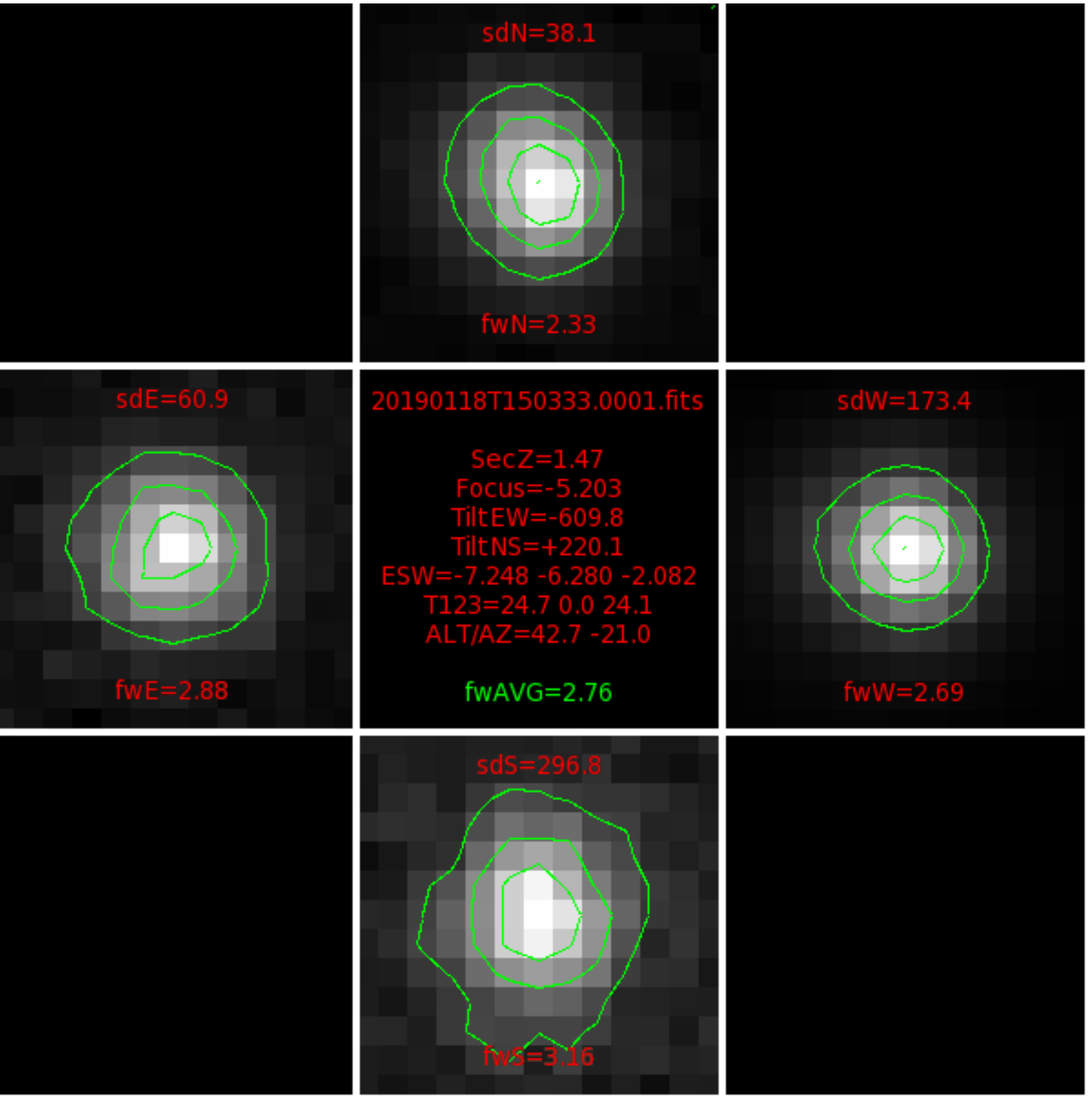
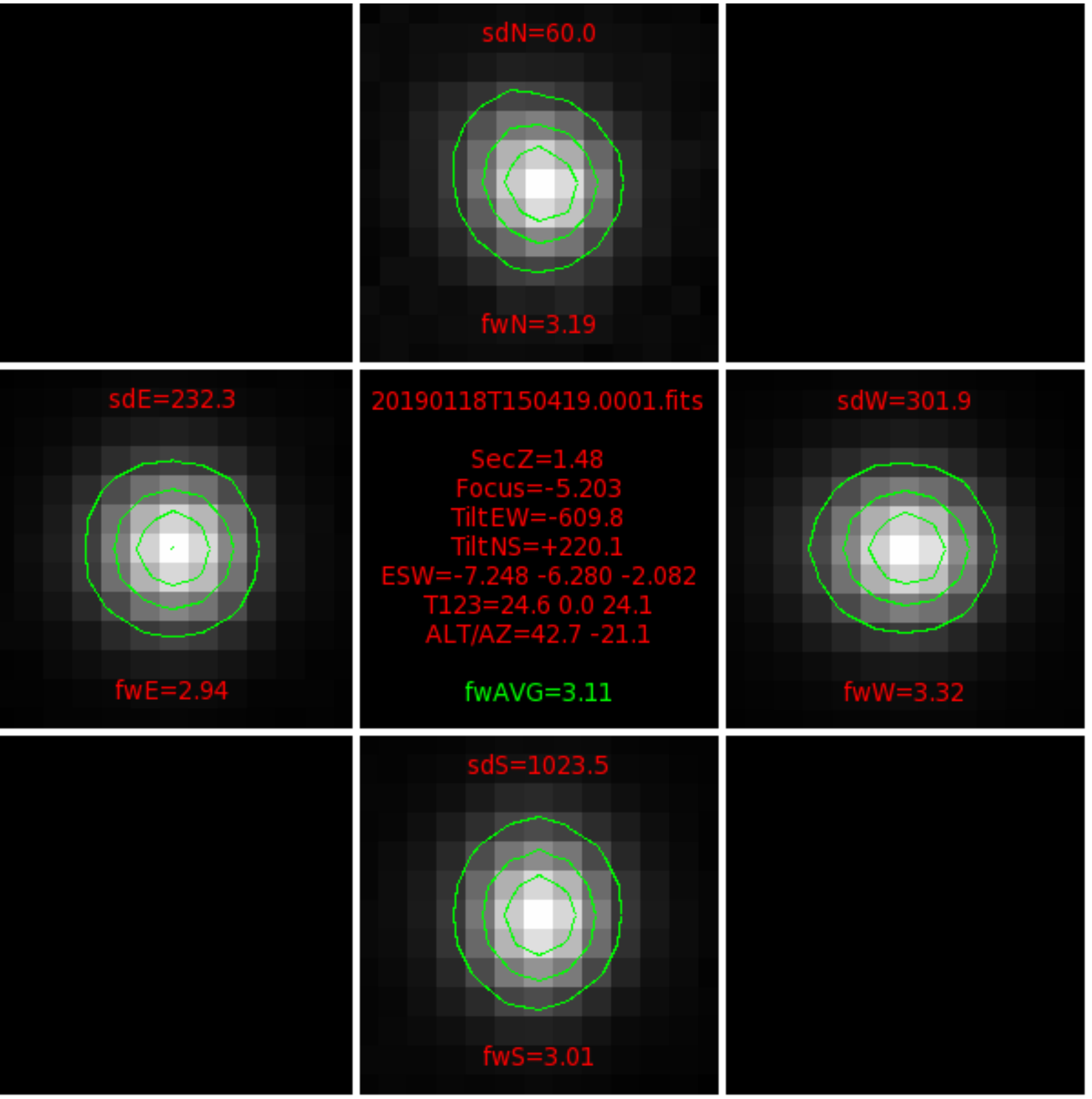
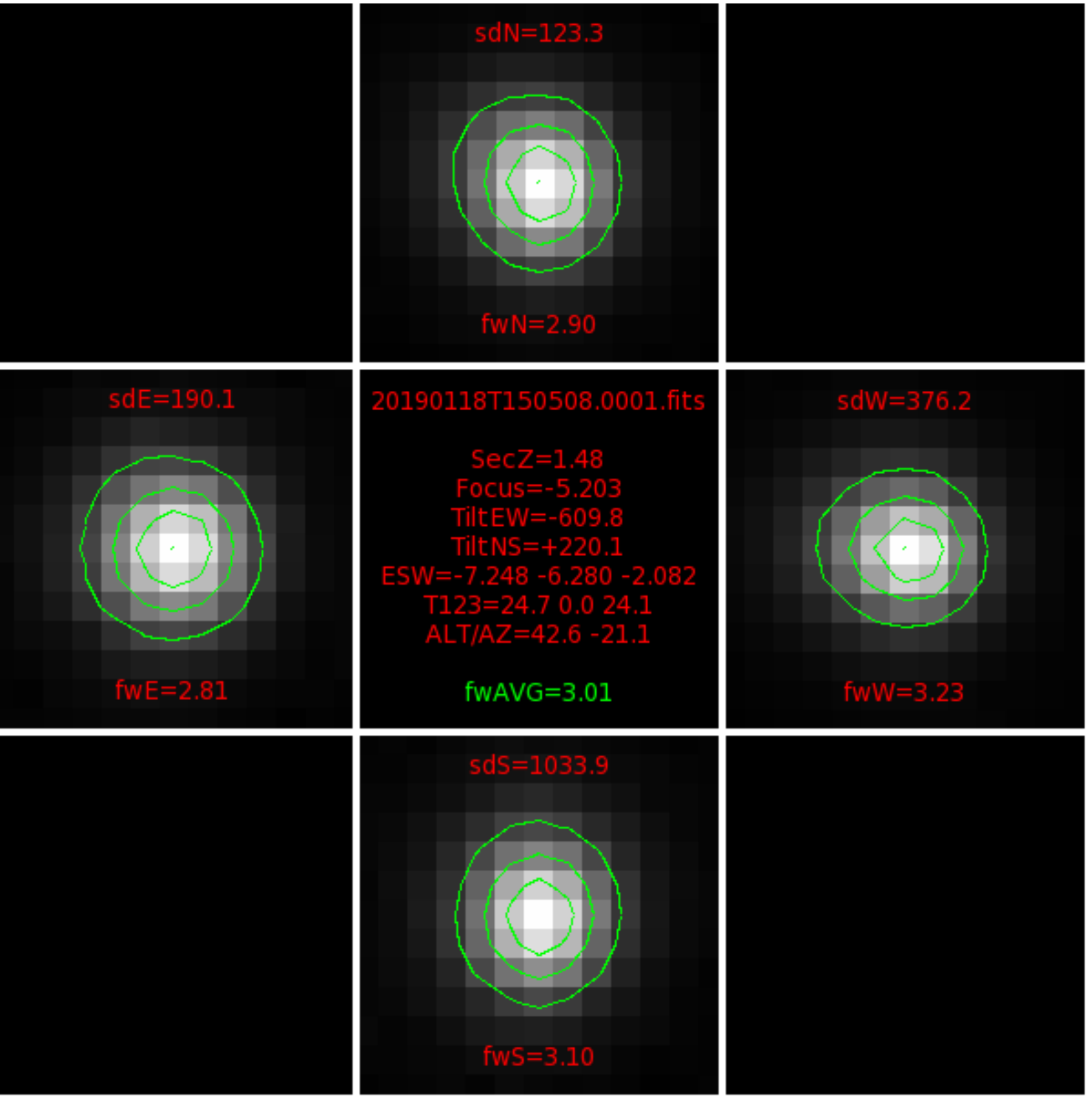
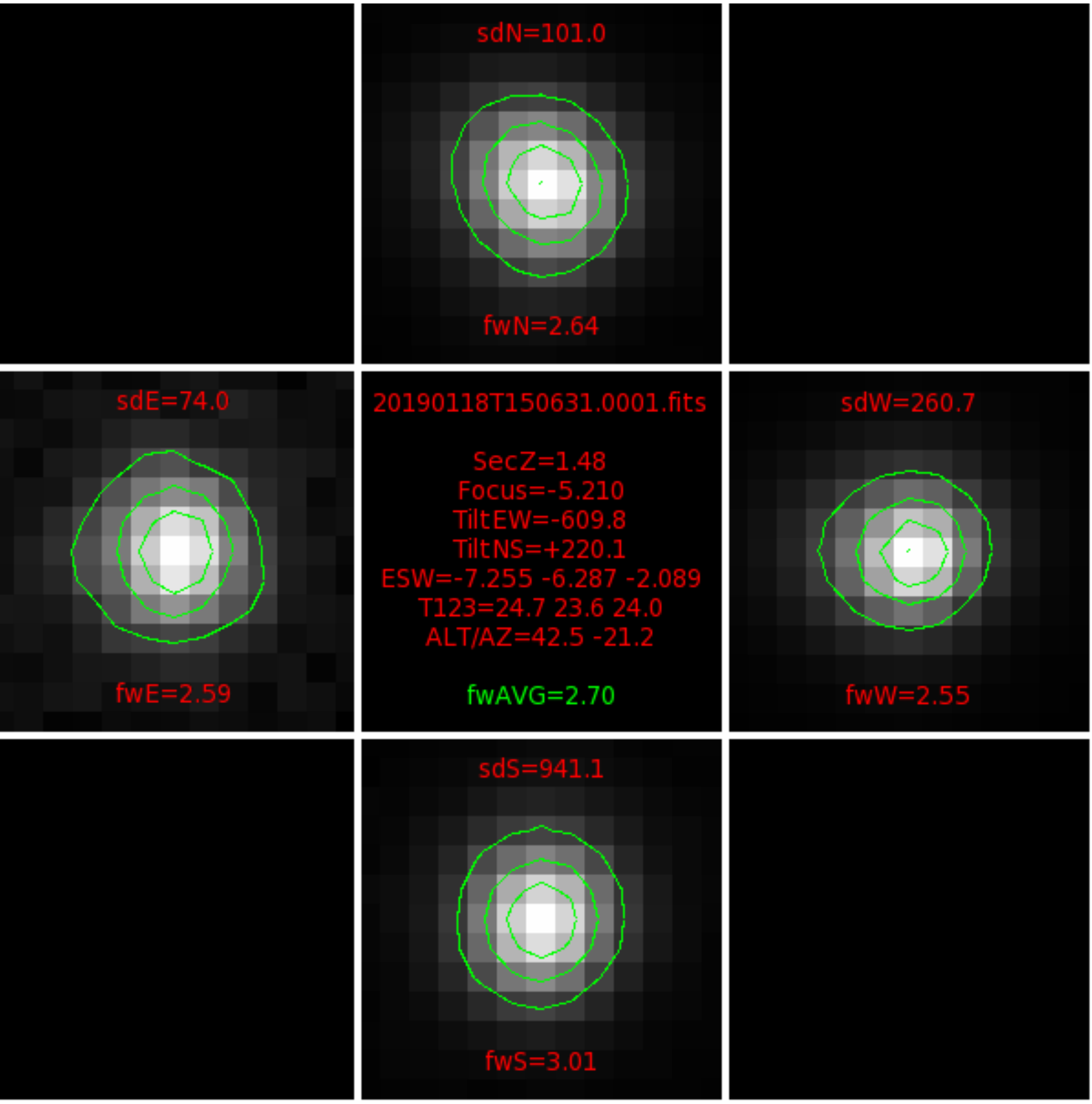
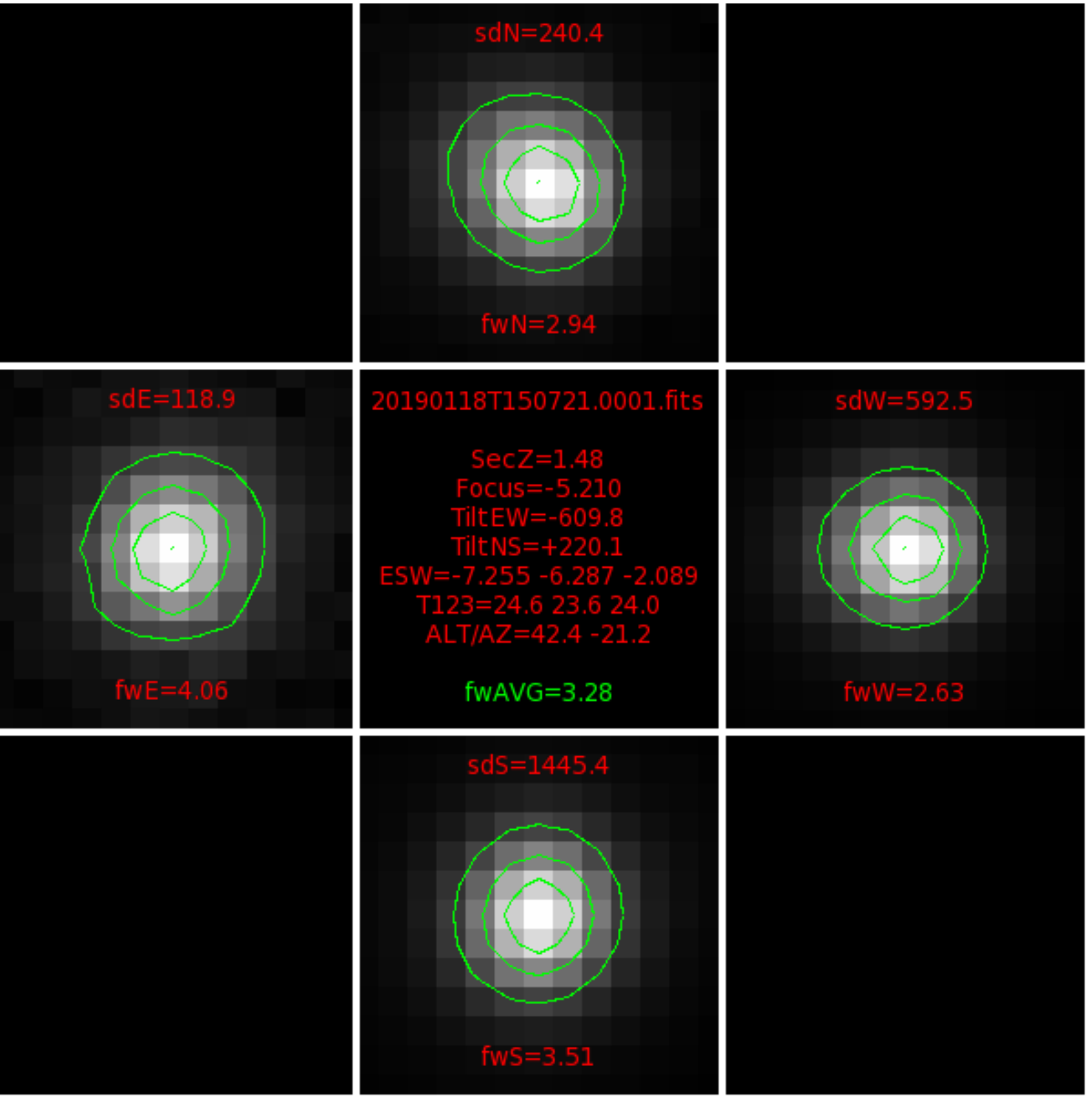

sdN=38.1
fwN=2.33
sdE=60.9
fwE=2.88
20190118T150333.0001.fits
SecZ=1.47
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=24.7 0.0 24.1
ALT/AZ=42.7 -21.0
fwAVG=2.76
sdW=173.4
fwW=2.69
sdS=296.8
fwS=3.16
0 0 0 0 0 0 0 0 0


sdN=60.0
fwN=3.19
sdE=232.3
fwE=2.94
20190118T150419.0001.fits
SecZ=1.48
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=24.6 0.0 24.1
ALT/AZ=42.7 -21.1
fwAVG=3.11
sdW=301.9
fwW=3.32
sdS=1023.5
fwS=3.01
0 0 0 0 0 0 0 0 0


sdN=123.3
fwN=2.90
sdE=190.1
fwE=2.81
20190118T150508.0001.fits
SecZ=1.48
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=24.7 0.0 24.1
ALT/AZ=42.6 -21.1
fwAVG=3.01
sdW=376.2
fwW=3.23
sdS=1033.9
fwS=3.10
0 0 0 0 0 0 0 0 0


sdN=101.0
fwN=2.64
sdE=74.0
fwE=2.59
20190118T150631.0001.fits
SecZ=1.48
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 23.6 24.0
ALT/AZ=42.5 -21.2
fwAVG=2.70
sdW=260.7
fwW=2.55
sdS=941.1
fwS=3.01
0 0 0 0 0 0 0 0 0


sdN=240.4
fwN=2.94
sdE=118.9
fwE=4.06
20190118T150721.0001.fits
SecZ=1.48
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.6 23.6 24.0
ALT/AZ=42.4 -21.2
fwAVG=3.28
sdW=592.5
fwW=2.63
sdS=1445.4
fwS=3.51
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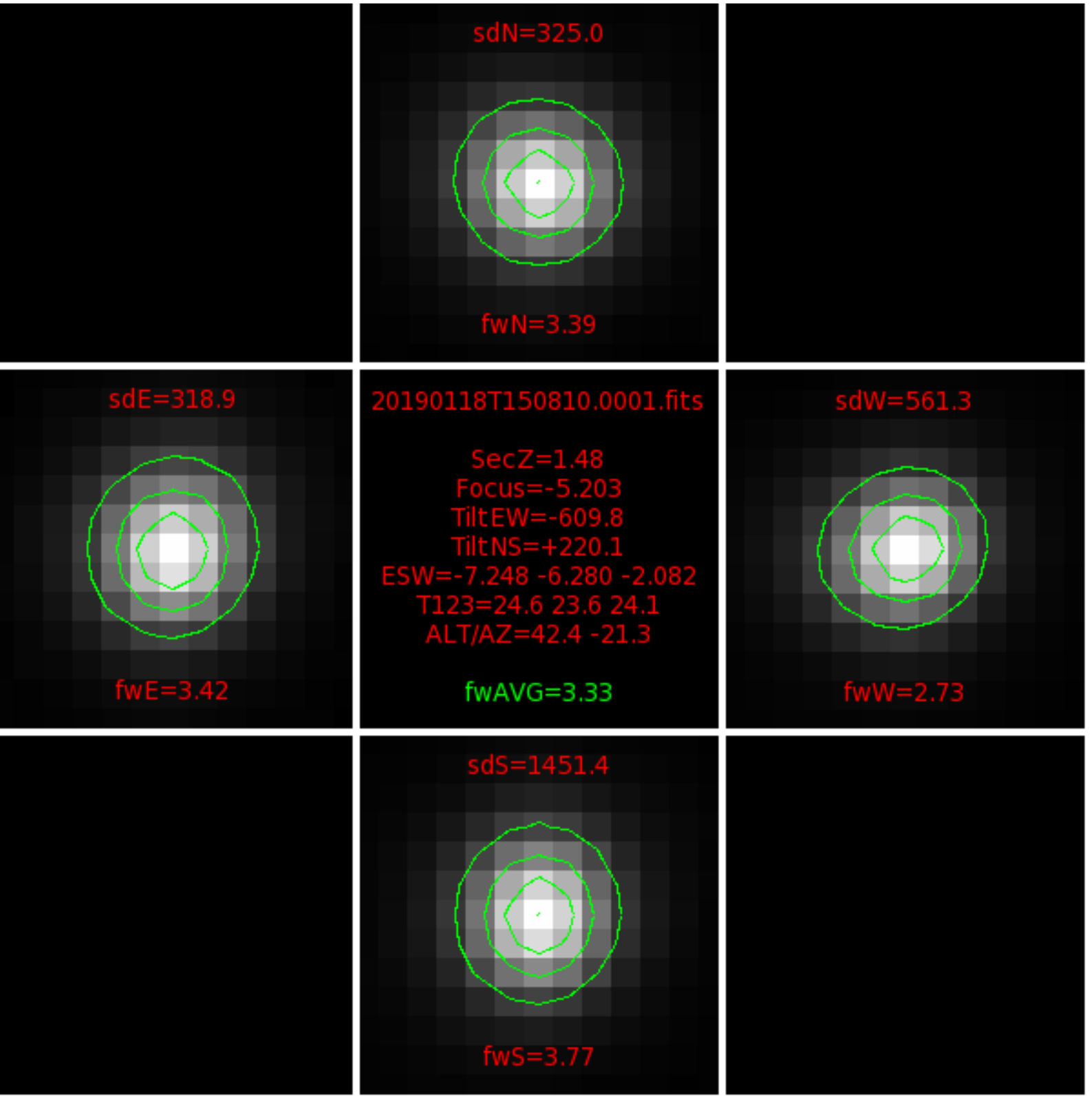
sdN=325.0
fwN=3.39
sdE=318.9
fwE=3.42
20190118T150810.0001.fits
SecZ=1.48
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=24.6 23.6 24.1
ALT/AZ=42.4 -21.3
fwAVG=3.33
sdW=561.3
fwW=2.73
sdS=1451.4
fwS=3.77
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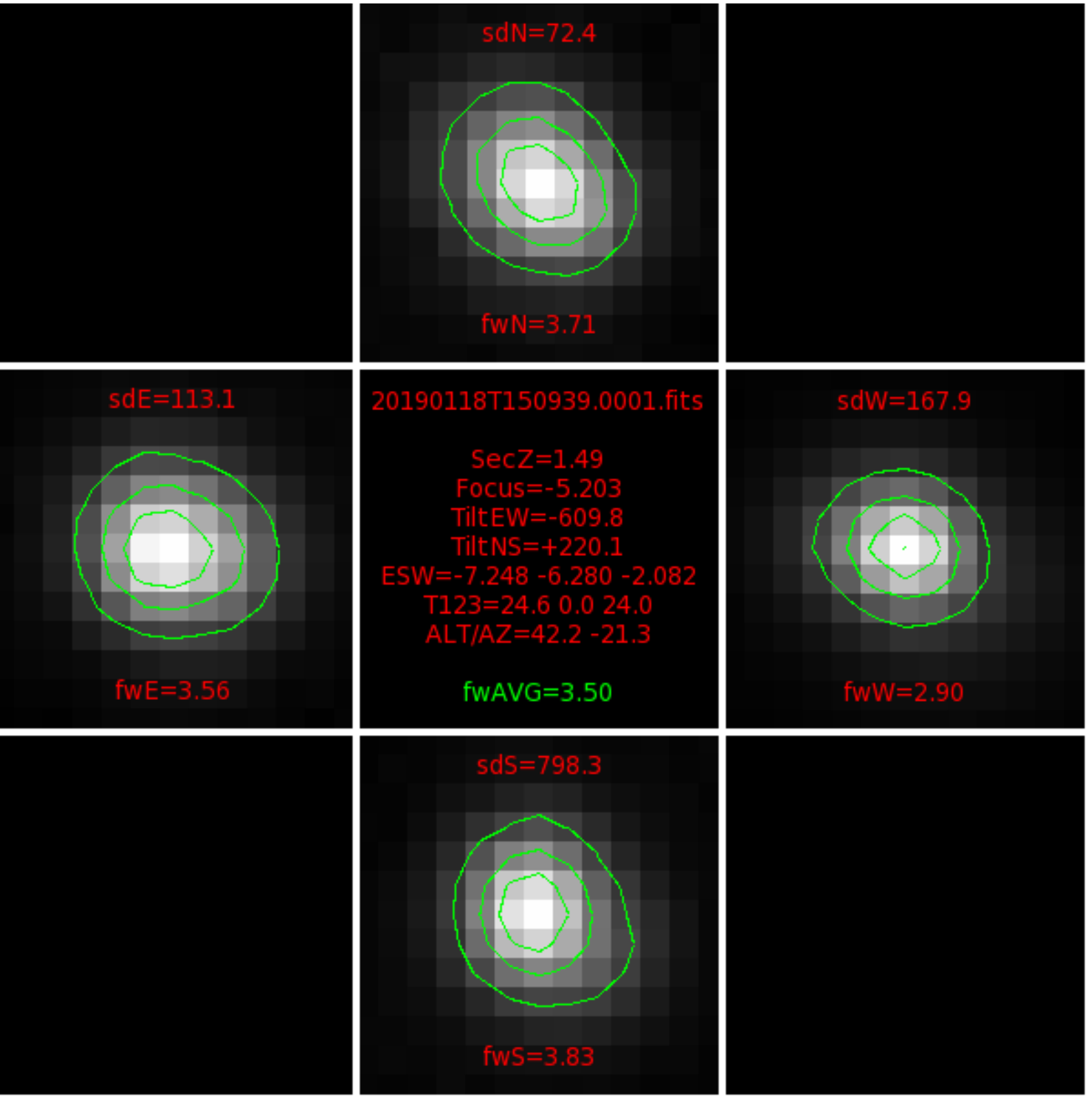
sdN=72.4
fwN=3.71
sdE=113.1
fwE=3.56
20190118T150939.0001.fits
SecZ=1.49
Focus=-5.203
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.248 -6.280 -2.082
T123=24.6 0.0 24.0
ALT/AZ=42.2 -21.3
fwAVG=3.50
sdW=167.9
fwW=2.90
sdS=798.3
fwS=3.83
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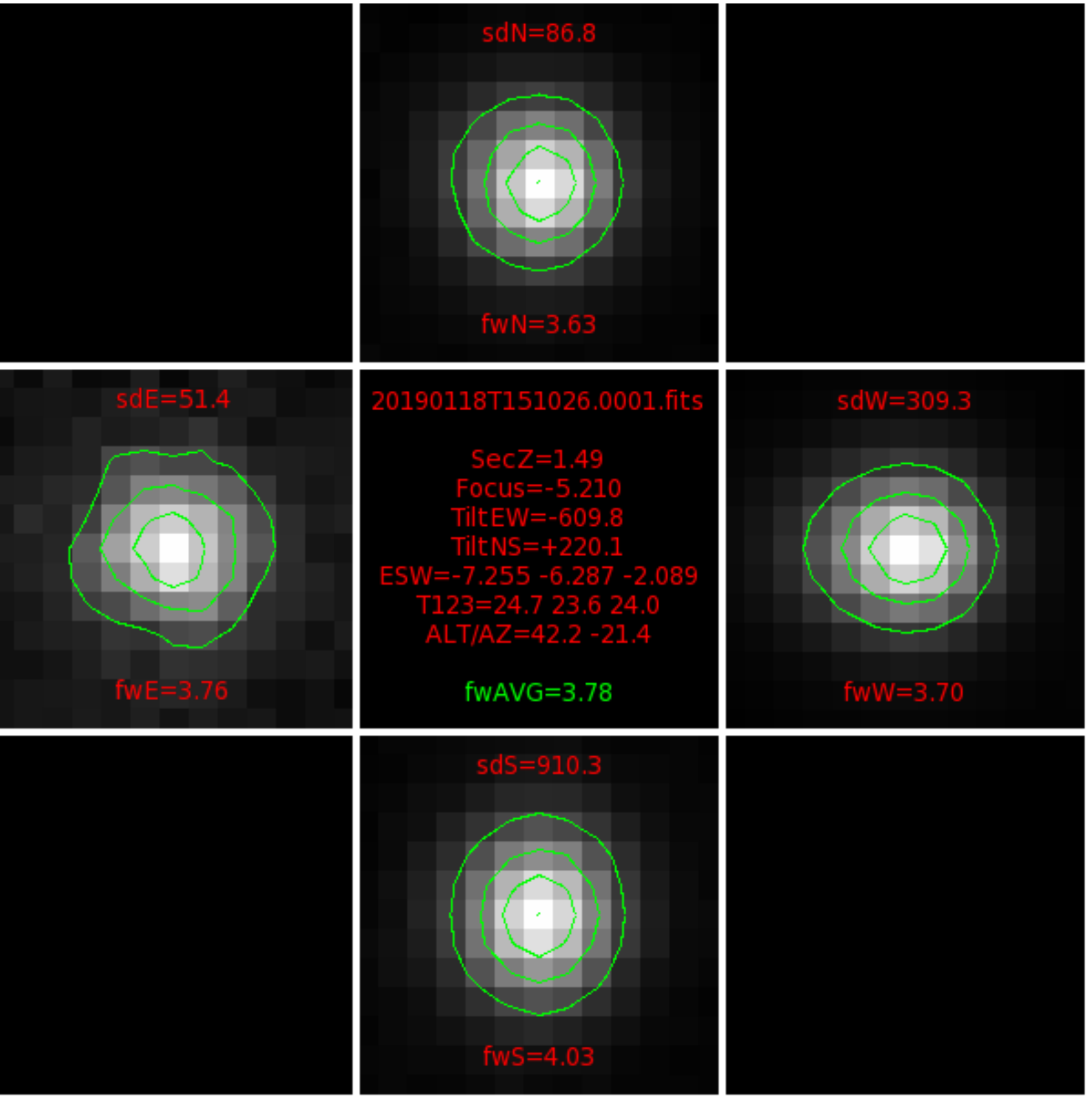
sdN=86.8
fwN=3.63
sdE=51.4
fwE=3.76
20190118T151026.0001.fits
SecZ=1.49
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 23.6 24.0
ALT/AZ=42.2 -21.4
fwAVG=3.78
sdW=309.3
fwW=3.70
sdS=910.3
fwS=4.03
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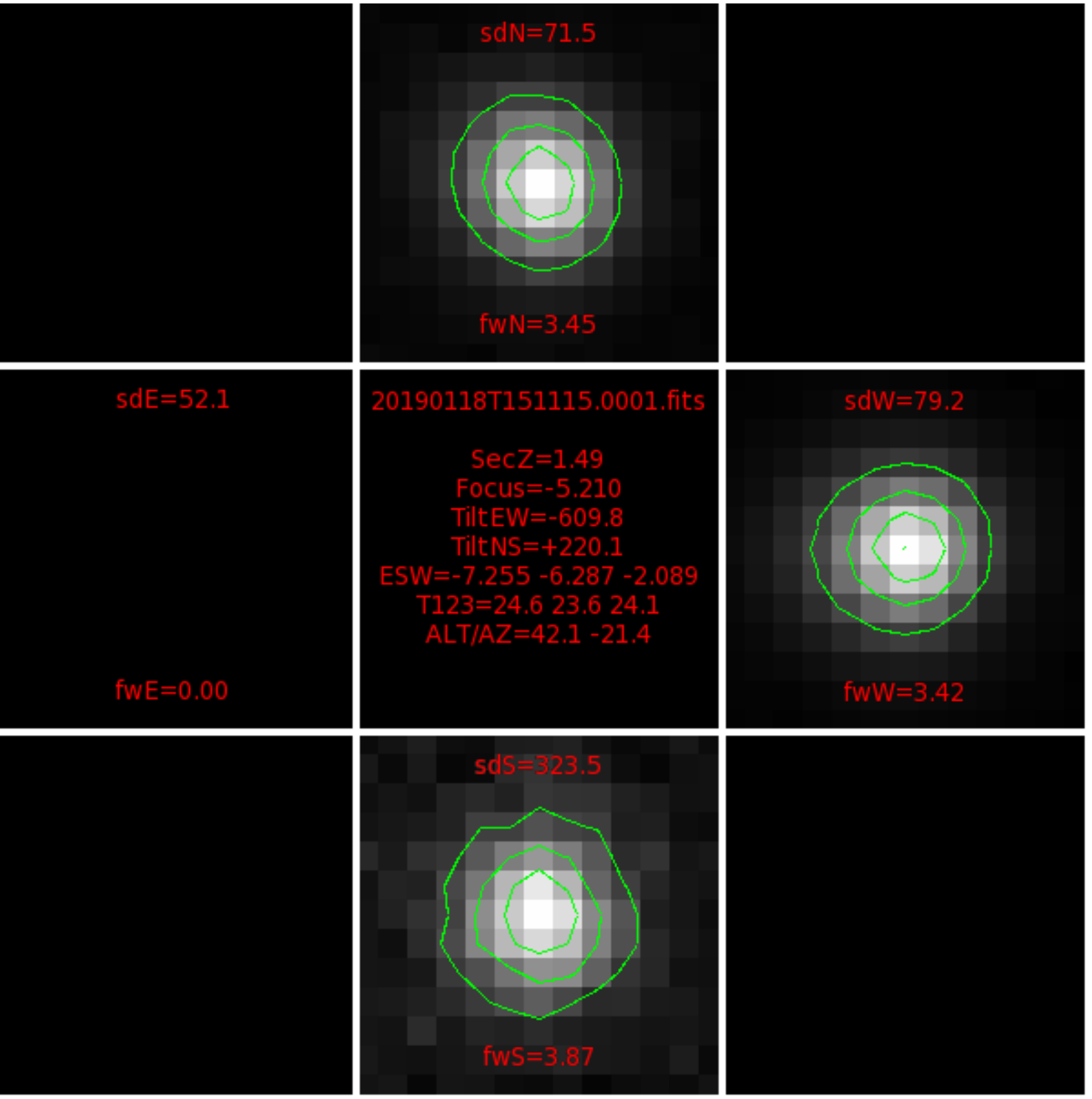
sdN=71.5
fwN=3.45
sdE=52.1
fwE=0.00
20190118T151115.0001.fits
SecZ=1.49
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.6 23.6 24.1
ALT/AZ=42.1 -21.4
sdW=79.2
fwW=3.42
sdS=323.5
fwS=3.87
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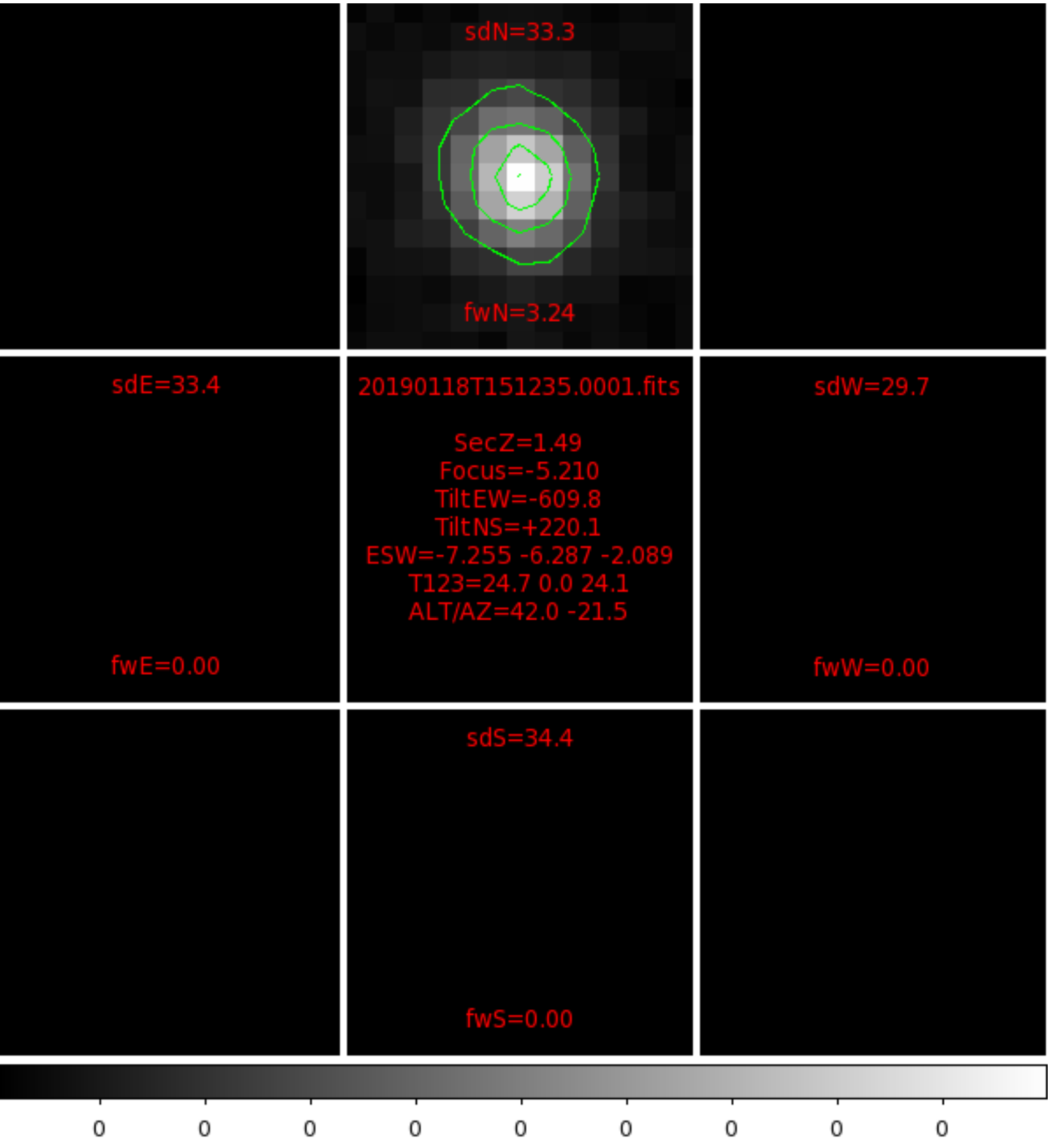
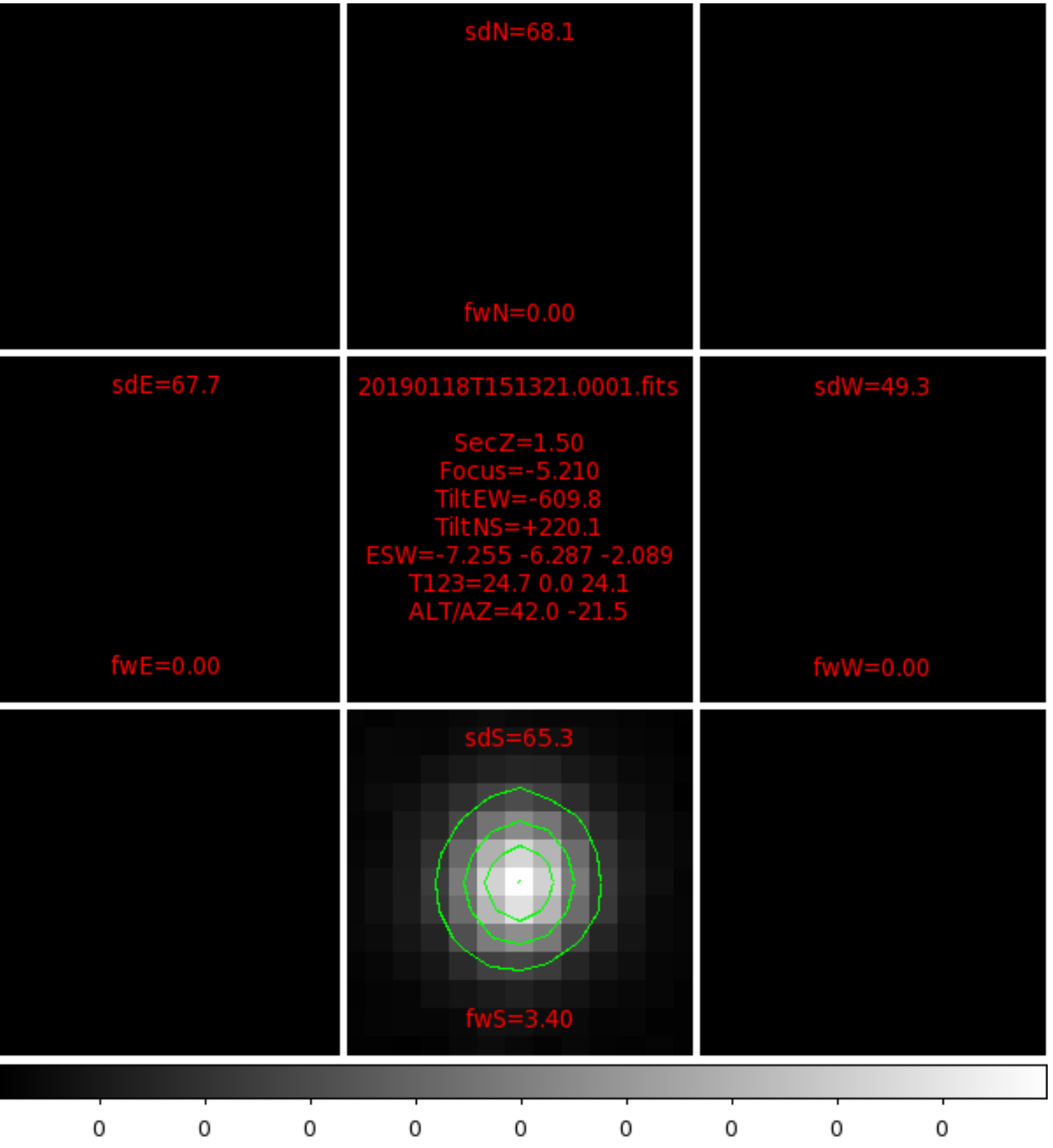
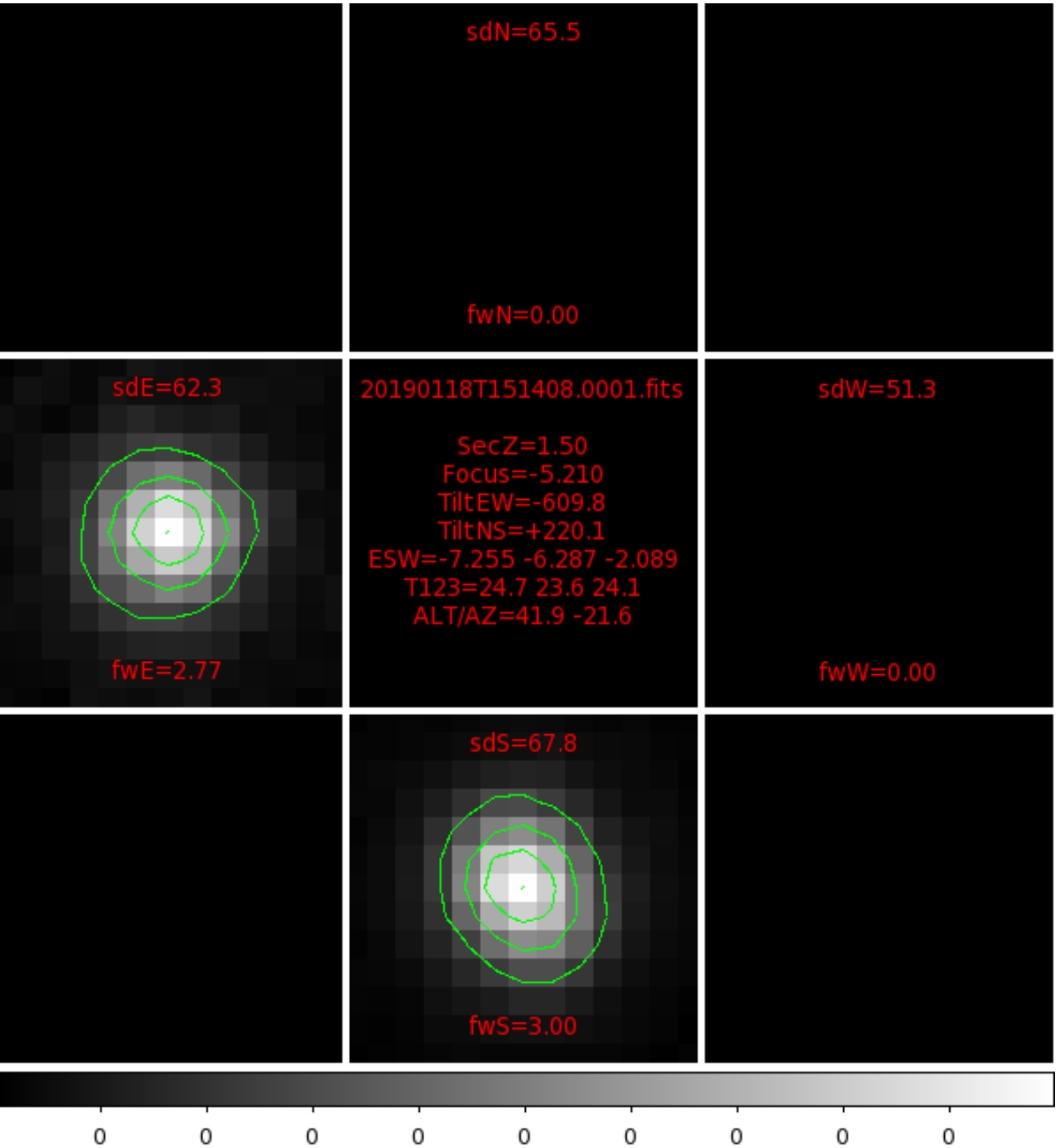

sdN=33.3
fwN=3.24
sdE=33.4
fwE=0.00
20190118T151235.0001.fits
SecZ=1.49
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 0.0 24.1
ALT/AZ=42.0 -21.5
sdW=29.7
fwW=0.00
sdS=34.4
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=68.1
fwN=0.00
sdE=67.7
fwE=0.00
20190118T151321.0001.fits
SecZ=1.50
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 0.0 24.1
ALT/AZ=42.0 -21.5
sdW=49.3
fwW=0.00
sdS=65.3
fwS=3.40
0 0 0 0 0 0 0 0 0


sdN=65.5
fwN=0.00
sdE=62.3
fwE=2.77
20190118T151408.0001.fits
SecZ=1.50
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 23.6 24.1
ALT/AZ=41.9 -21.6
sdW=51.3
fwW=0.00
sdS=67.8
fwS=3.00
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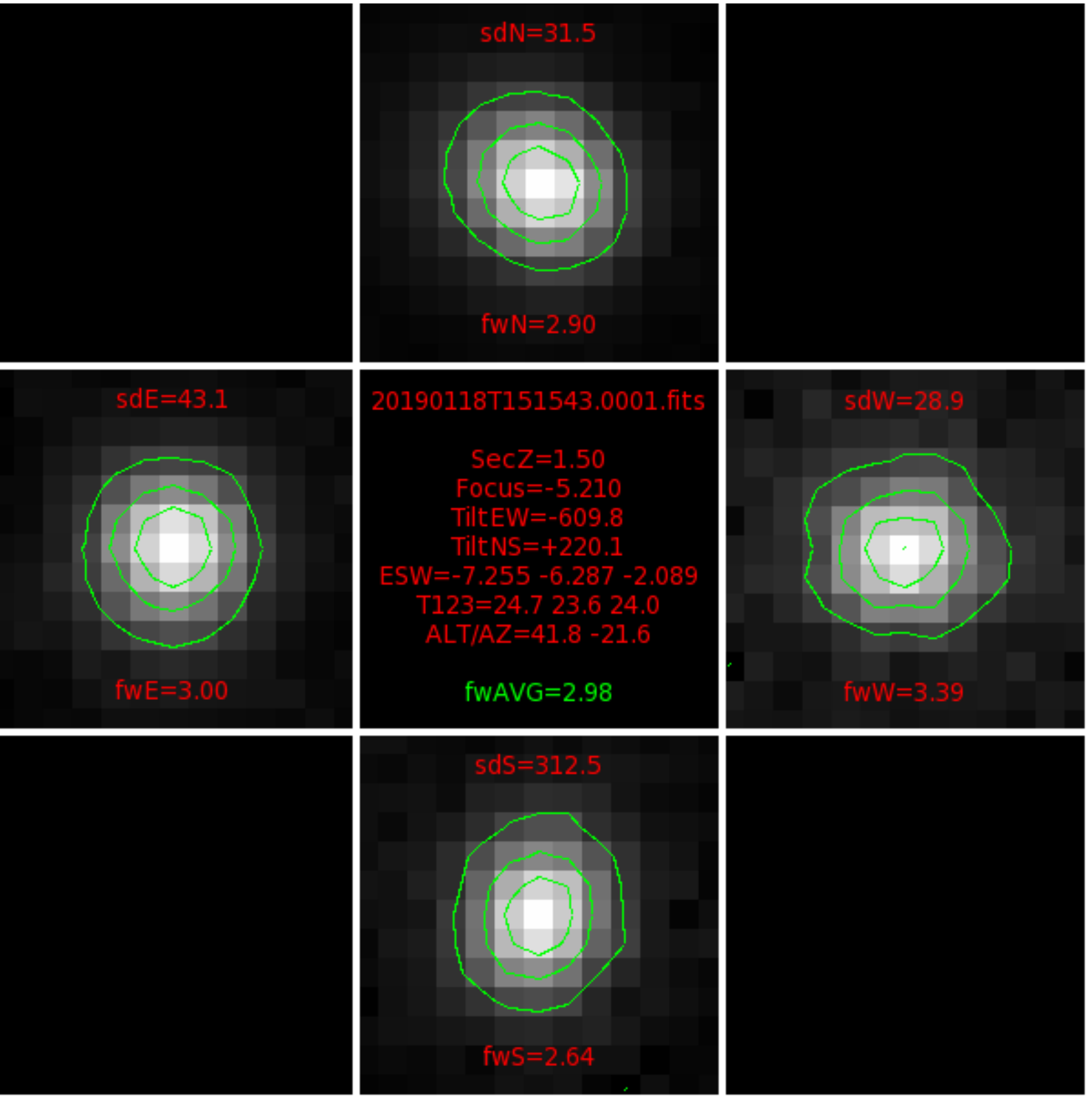
sdN=31.5
fwN=2.90
sdE=43.1
fwE=3.00
20190118T151543.0001.fits
SecZ=1.50
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 23.6 24.0
ALT/AZ=41.8 -21.6
fwAVG=2.98
sdW=28.9
fwW=3.39
sdS=312.5
fwS=2.64
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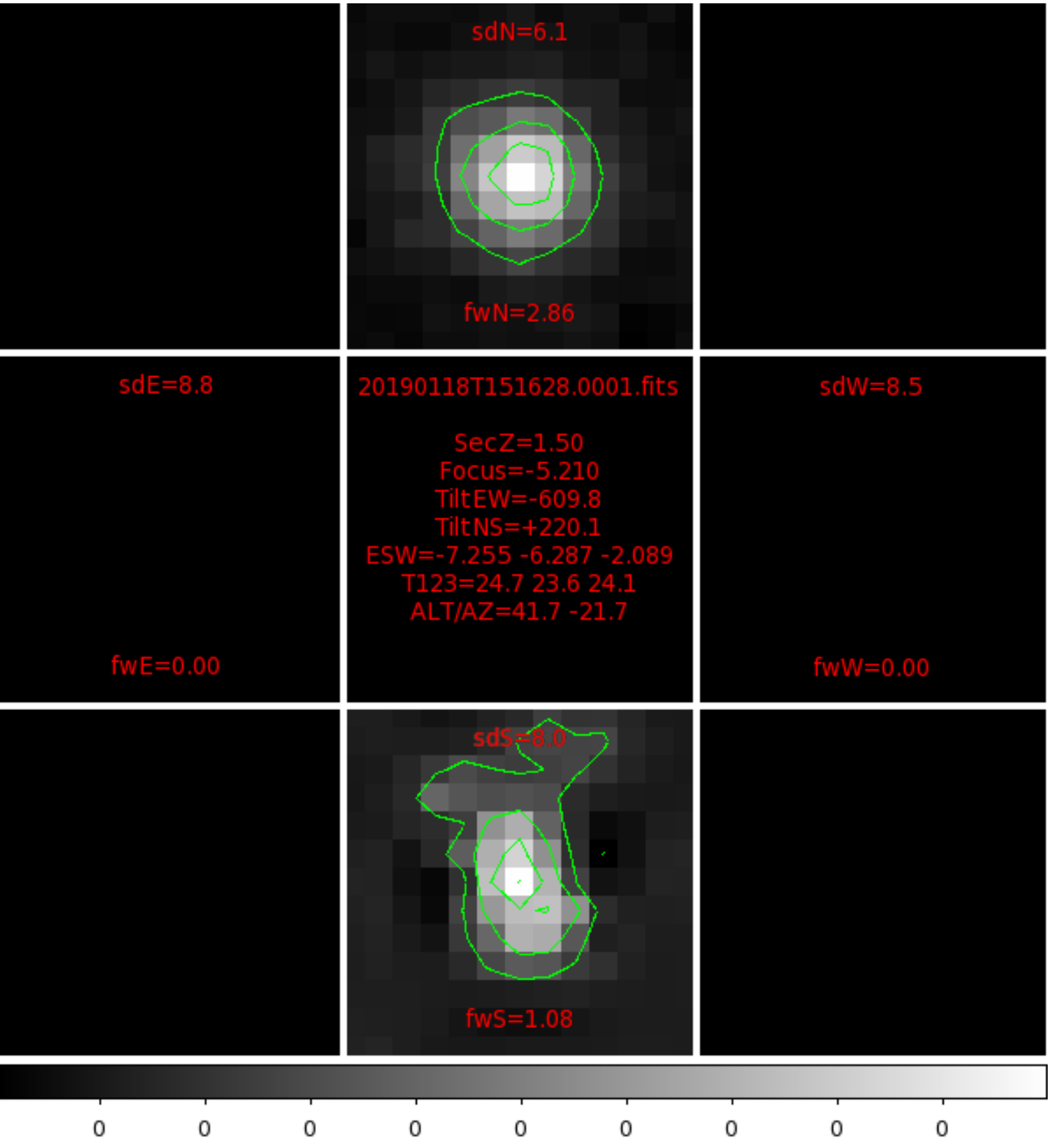
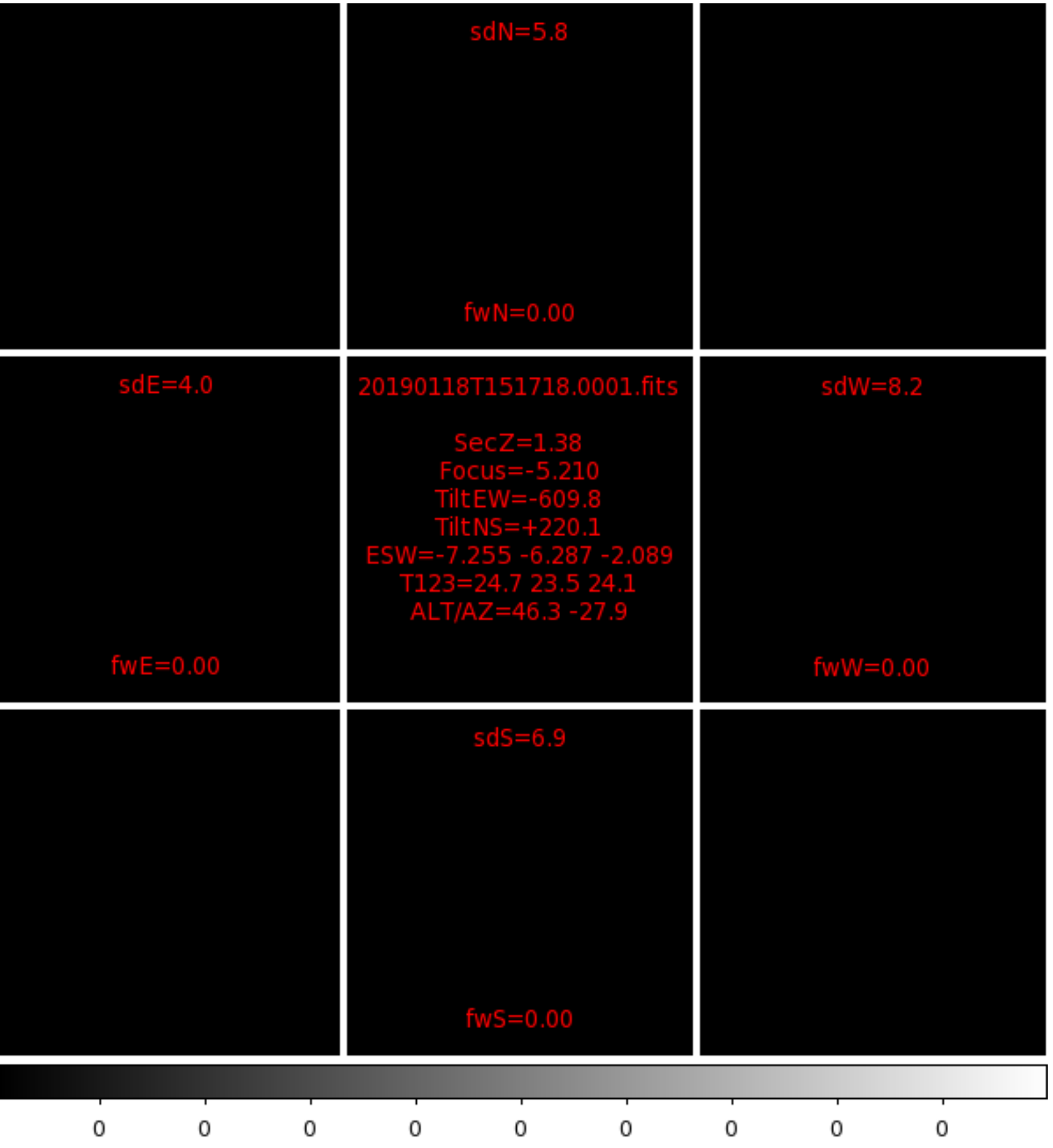
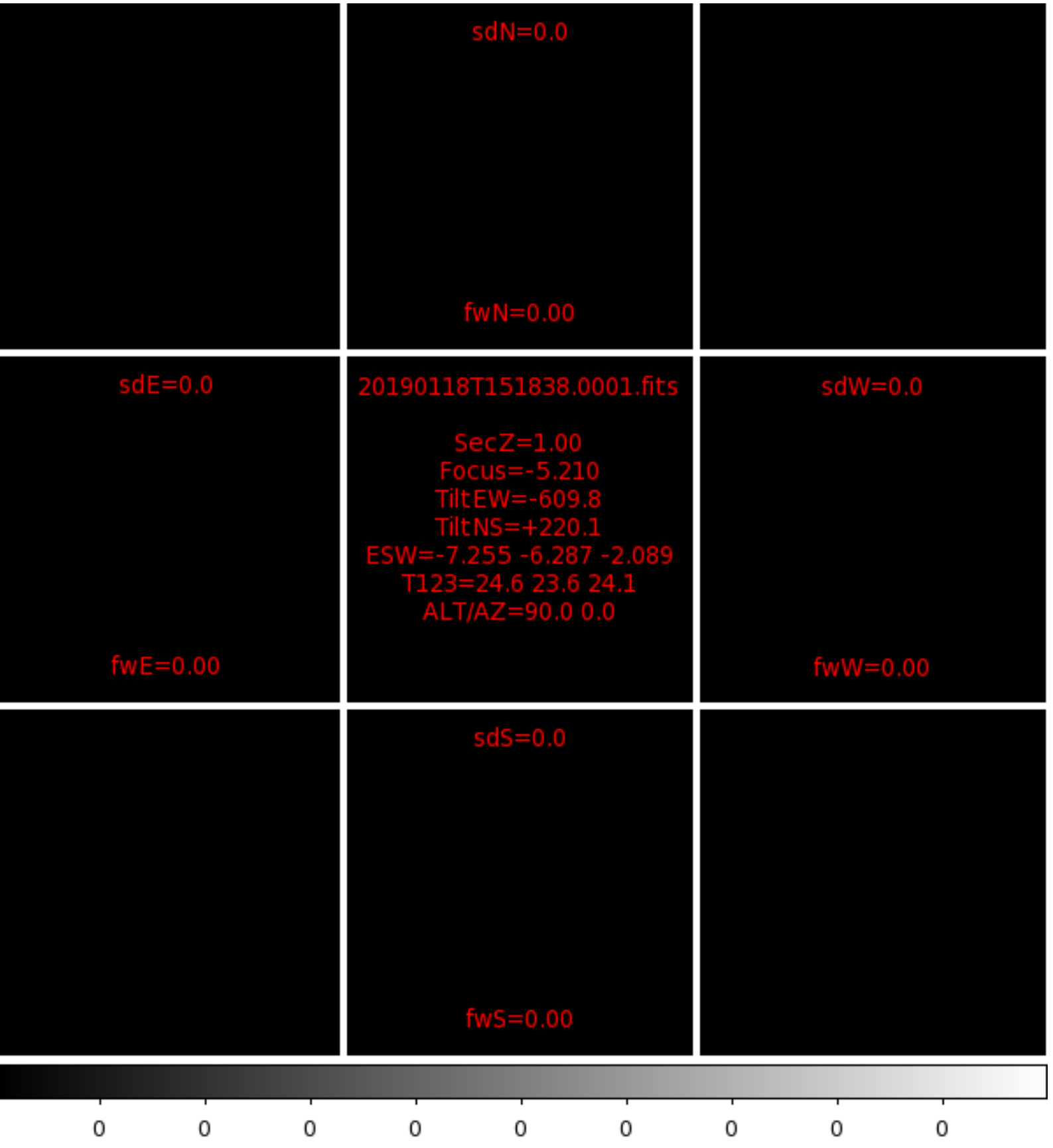
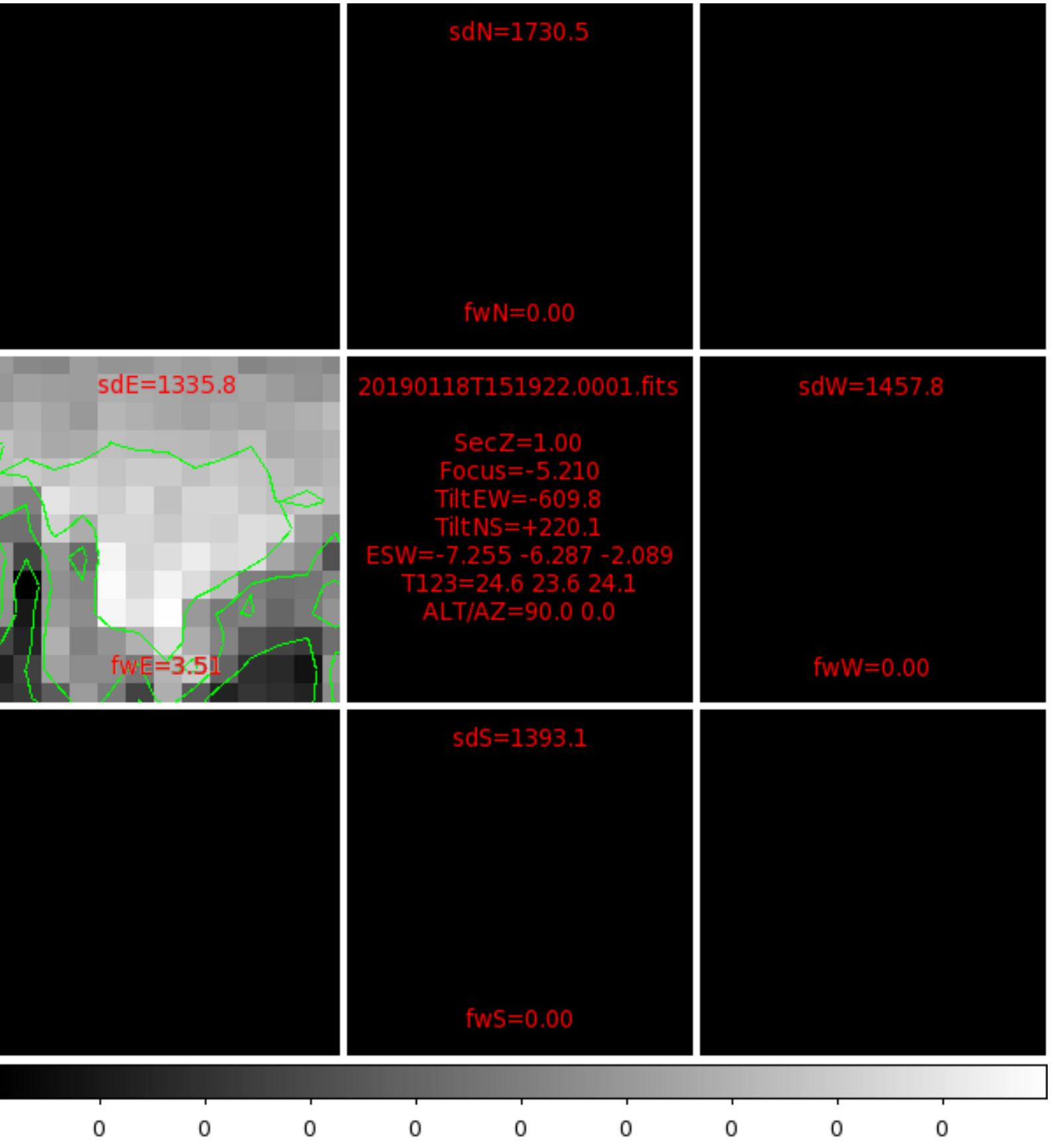
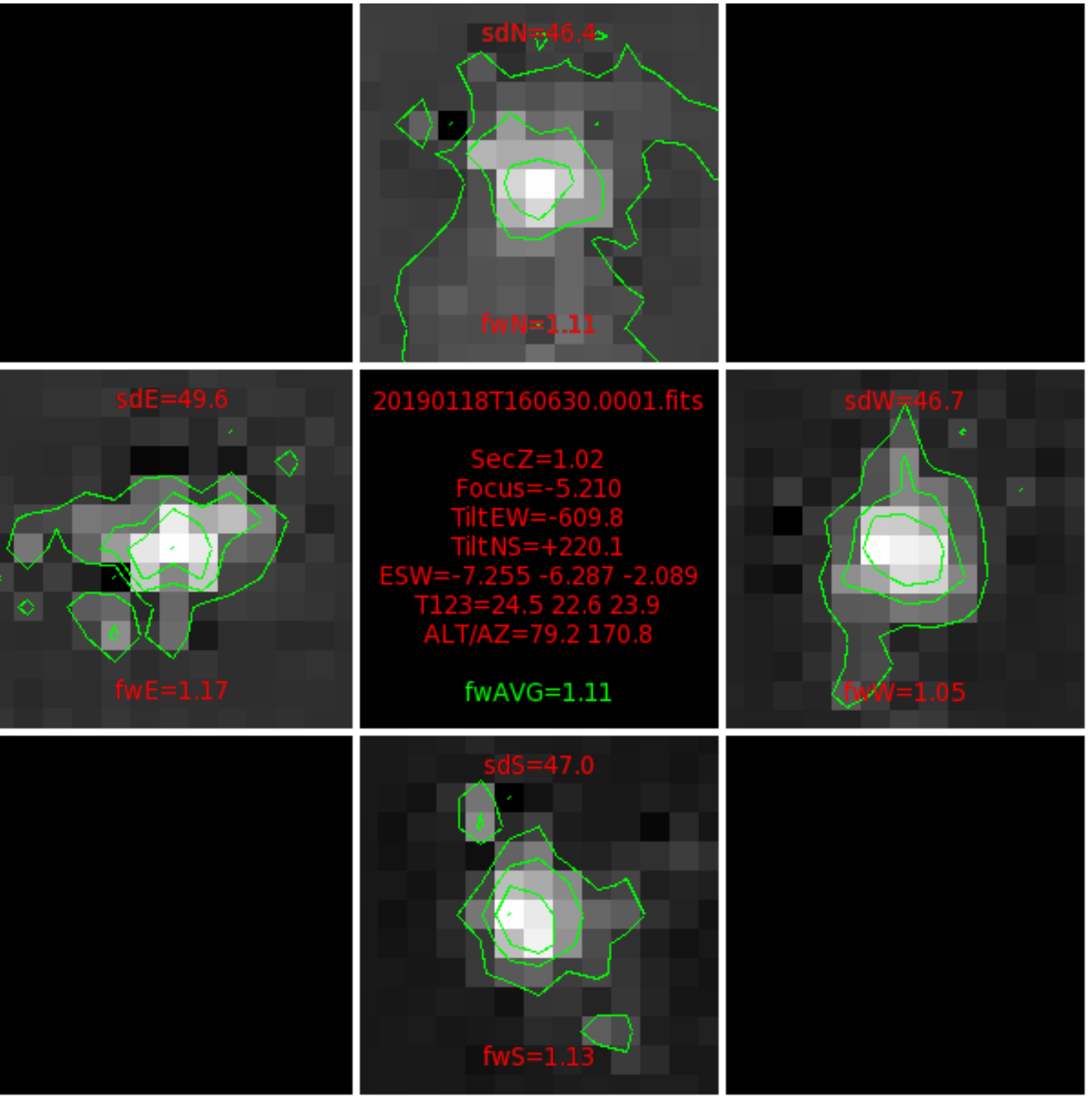

sdN=6.1
fwN=2.86
sdE=8.8
fwE=0.00
20190118T151628.0001.fits
SecZ=1.50
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 23.6 24.1
ALT/AZ=41.7 -21.7
sdW=8.5
fwW=0.00
sdS=8.0
fwS=1.08
0 0 0 0 0 0 0 0 0


sdN=5.8
fwN=0.00
sdE=4.0
20190118T151718.0001.fits
SecZ=1.38
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.7 23.5 24.1
ALT/AZ=46.3 -27.9
sdW=8.2
fwE=0.00
fwW=0.00
sdS=6.9
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=0.0
fwN=0.00
sdE=0.0
20190118T151838.0001.fits
SecZ=1.00
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.6 23.6 24.1
ALT/AZ=90.0 0.0
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=1730.5
fwN=0.00
sdE=1335.8
fwE=3.51
20190118T151922.0001.fits
SecZ=1.00
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.6 23.6 24.1
ALT/AZ=90.0 0.0
sdW=1457.8
fwW=0.00
sdS=1393.1
fwS=0.00
0 0 0 0 0 0 0 0 0

sdN=25.0
fwN=0.00
sdE=16.1
fwE=0.00
20190118T152008.0001.fits
SecZ=1.00
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.6 23.6 24.1
ALT/AZ=90.0 0.0
sdW=38.3
fwW=0.00
sdS=28.7
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=46.4
fwN=1.11
sdE=49.6
fwE=1.17
20190118T160630.0001.fits
SecZ=1.02
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.5 22.6 23.9
ALT/AZ=79.2 170.8
fwAVG=1.11
sdW=46.7
fwW=1.05
sdS=47.0
fwS=1.13
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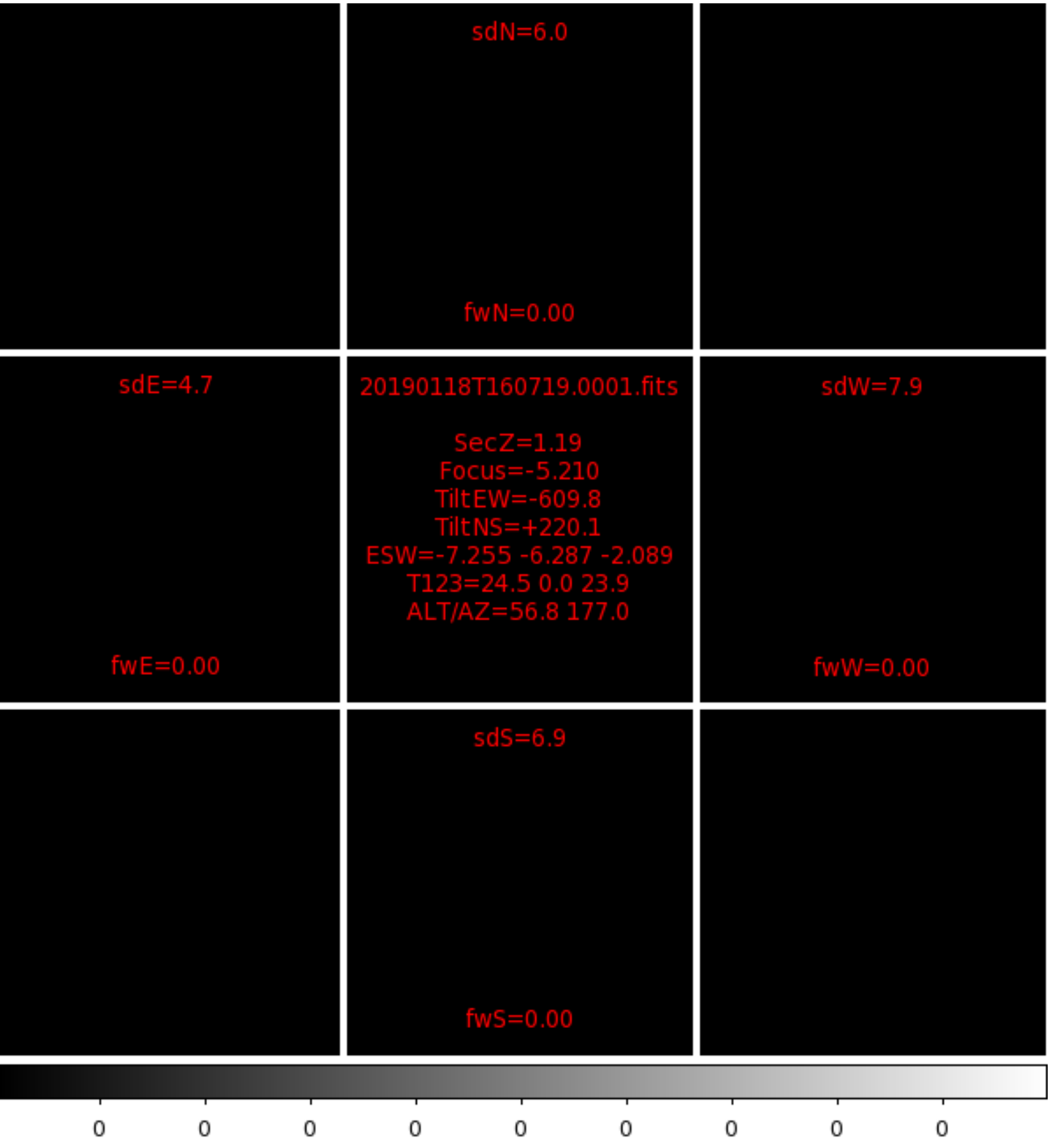
sdN=6.0
fwN=0.00
sdE=4.7
20190118T160719.0001.fits
SecZ=1.19
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.5 0.0 23.9
ALT/AZ=56.8 177.0
sdW=7.9
fwE=0.00
fwW=0.00
sdS=6.9
fwS=0.00
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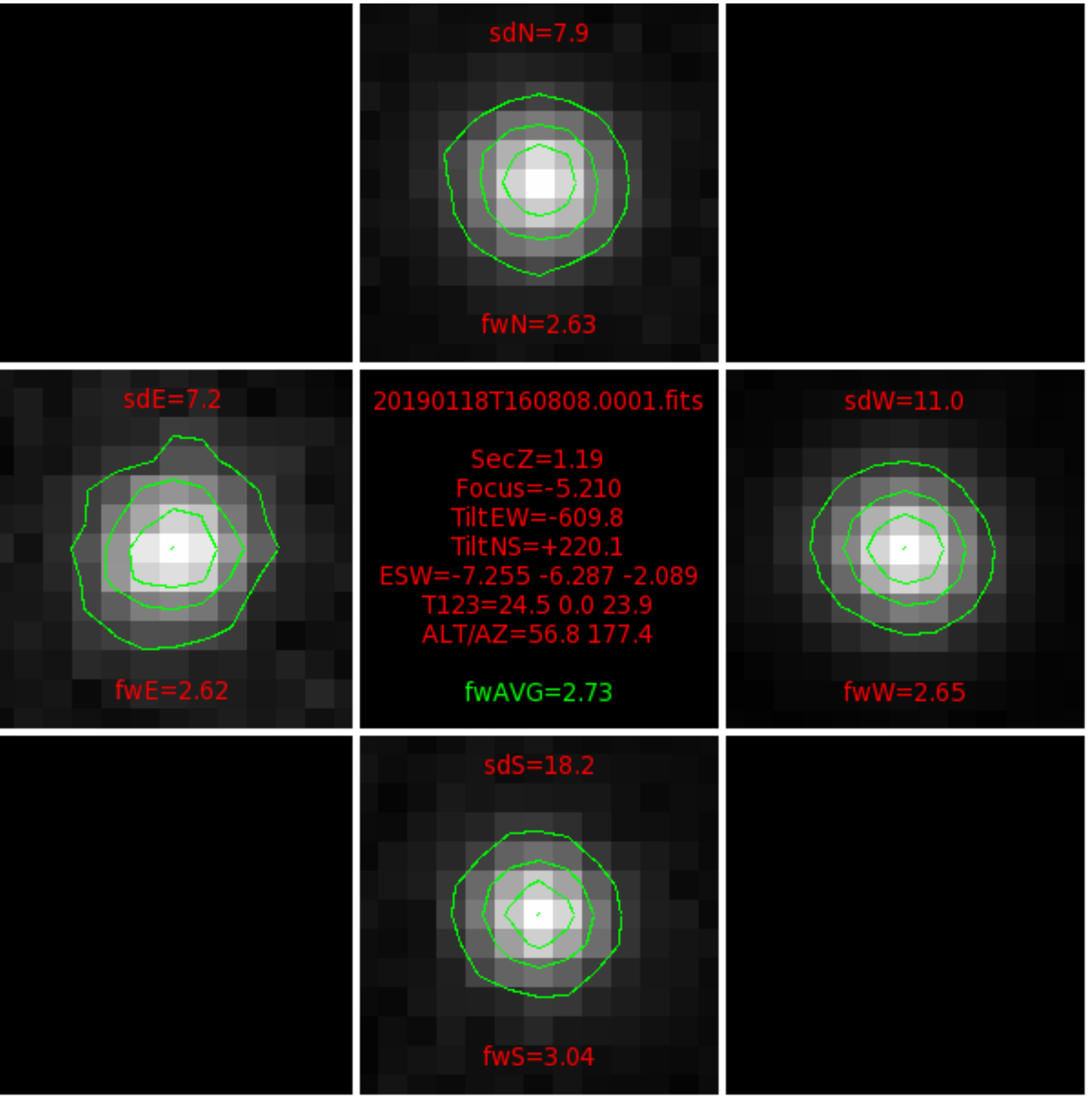
sdN=7.9
fwN=2.63
sdE=7.2
fwE=2.62
20190118T160808.0001.fits
SecZ=1.19
Focus=-5.210
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.255 -6.287 -2.089
T123=24.5 0.0 23.9
ALT/AZ=56.8 177.4
fwAVG=2.73
sdW=11.0
fwW=2.65
sdS=18.2
fwS=3.04
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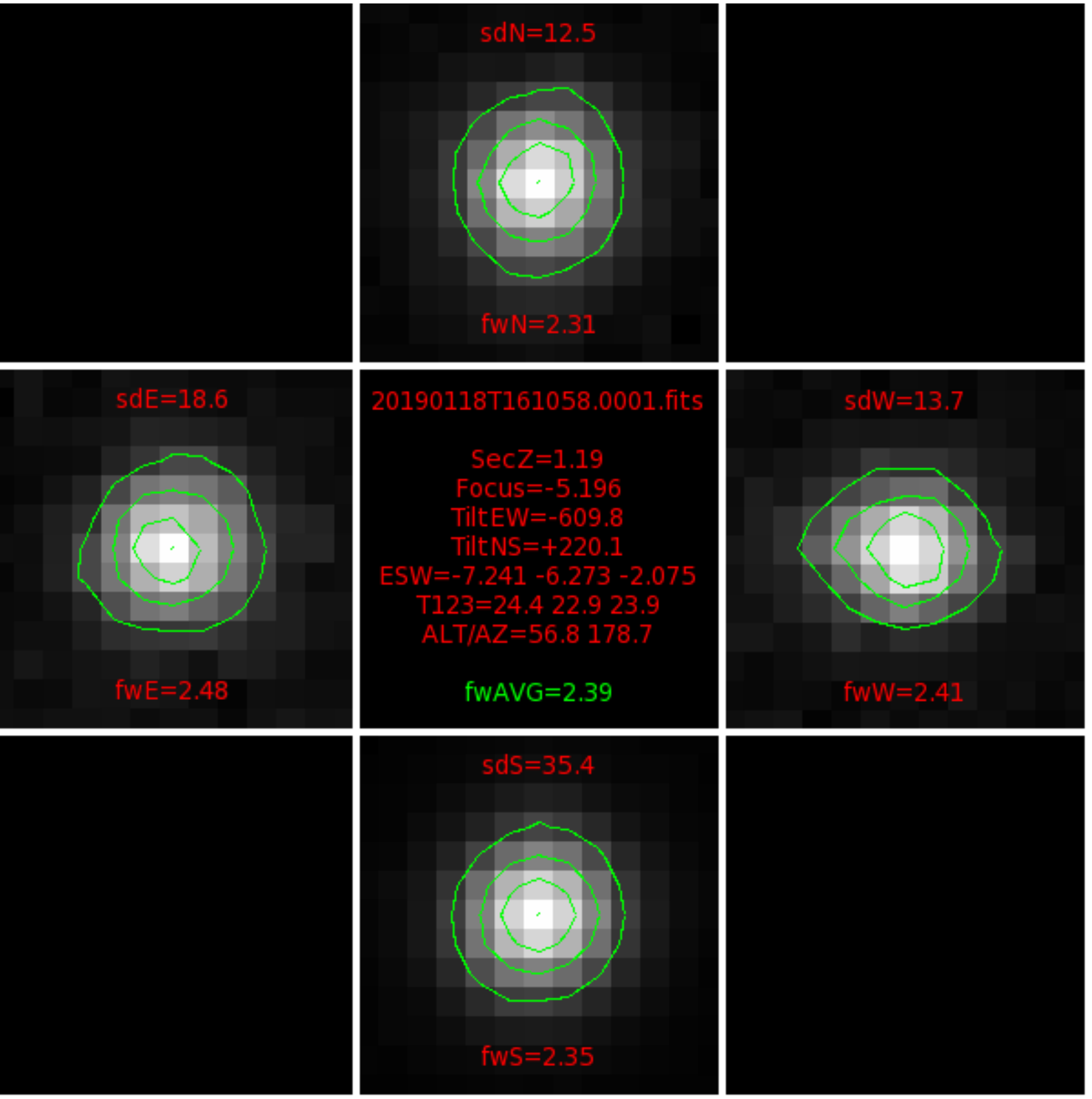
sdN=12.5
fwN=2.31
sdE=18.6
fwE=2.48
20190118T161058.0001.fits
SecZ=1.19
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.4 22.9 23.9
ALT/AZ=56.8 178.7
fwAVG=2.39
sdW=13.7
fwW=2.41
sdS=35.4
fwS=2.35
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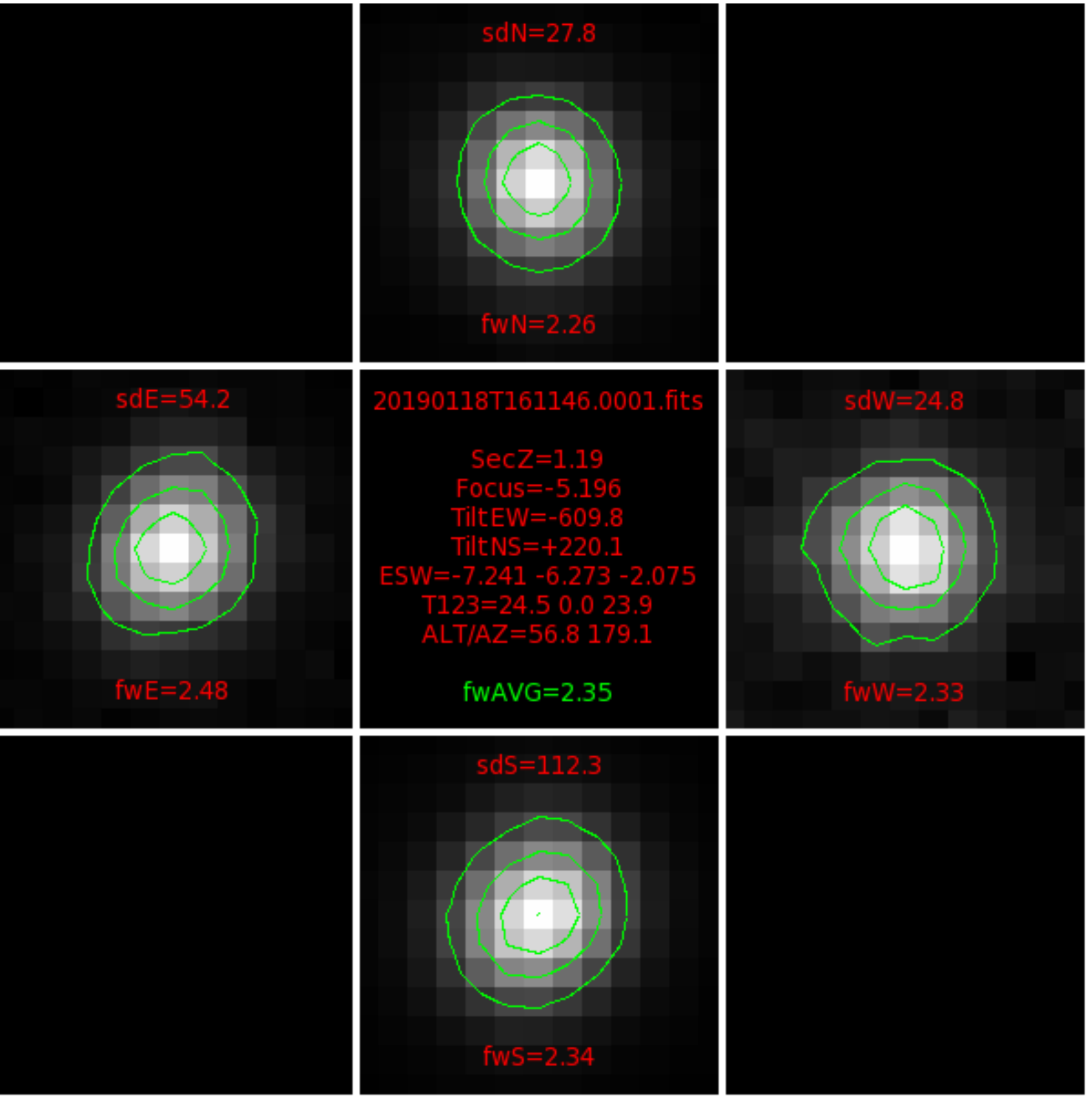
sdN=27.8
fwN=2.26
sdE=54.2
fwE=2.48
20190118T161146.0001.fits
SecZ=1.19
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.5 0.0 23.9
ALT/AZ=56.8 179.1
fwAVG=2.35
sdW=24.8
fwW=2.33
sdS=112.3
fwS=2.34
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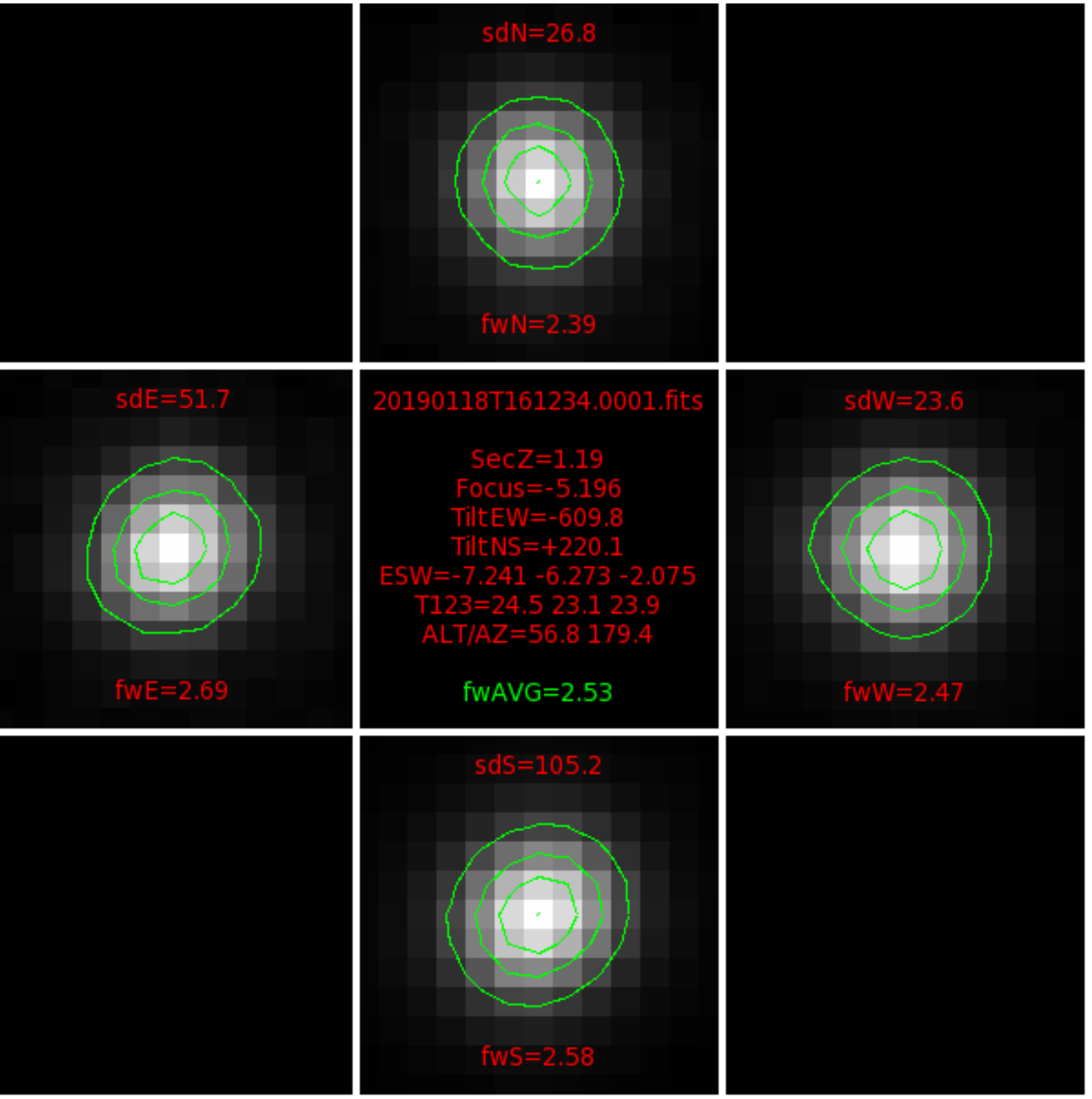
sdN=26.8
fwN=2.39
sdE=51.7
fwE=2.69
20190118T161234.0001.fits
SecZ=1.19
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.5 23.1 23.9
ALT/AZ=56.8 179.4
fwAVG=2.53
sdW=23.6
fwW=2.47
sdS=105.2
fwS=2.58
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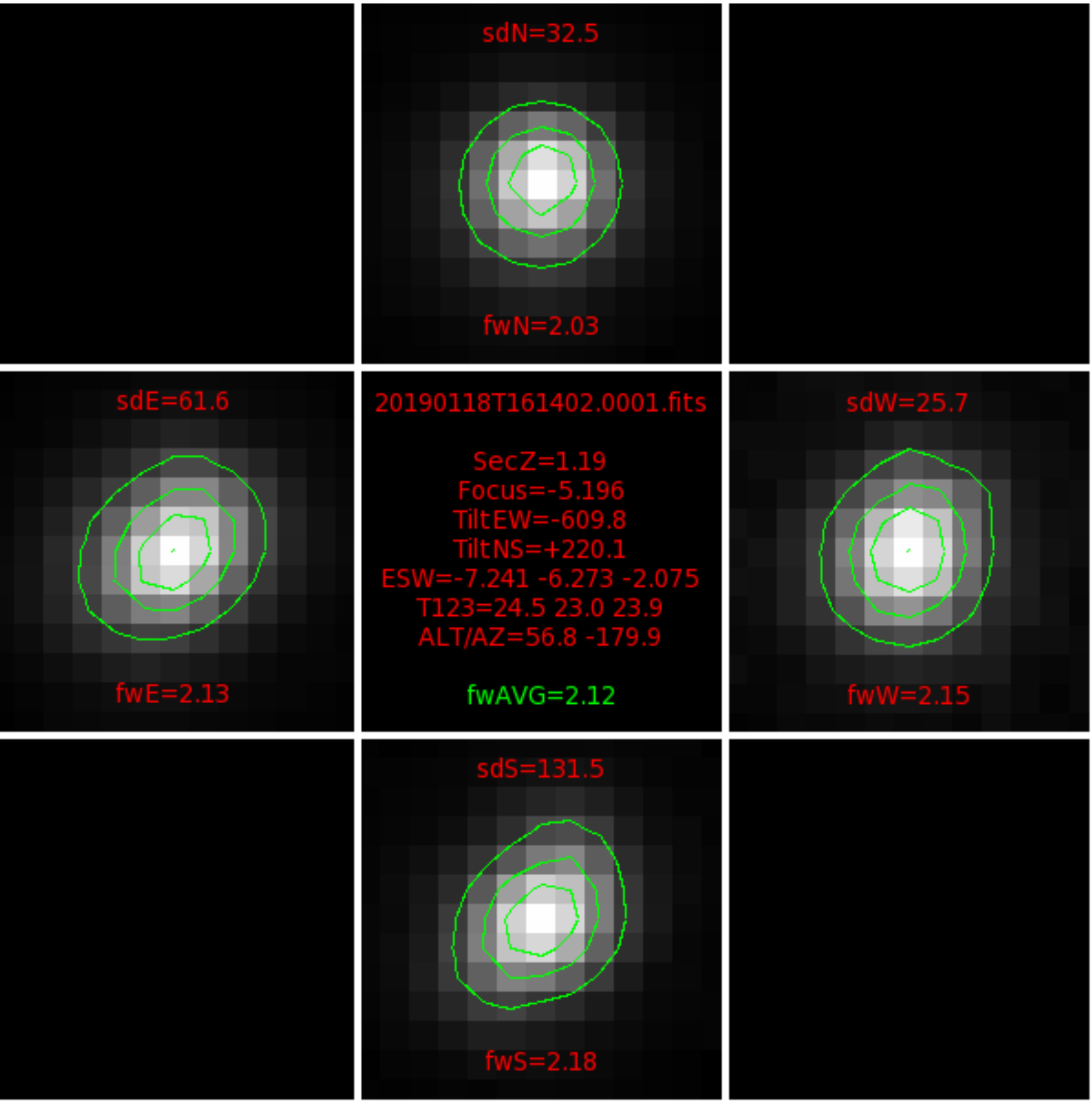
sdN=32.5
fwN=2.03
sdE=61.6
fwE=2.13
20190118T161402.0001.fits
SecZ=1.19
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.5 23.0 23.9
ALT/AZ=56.8 -179.9
fwAVG=2.12
sdW=25.7
fwW=2.15
sdS=131.5
fwS=2.18
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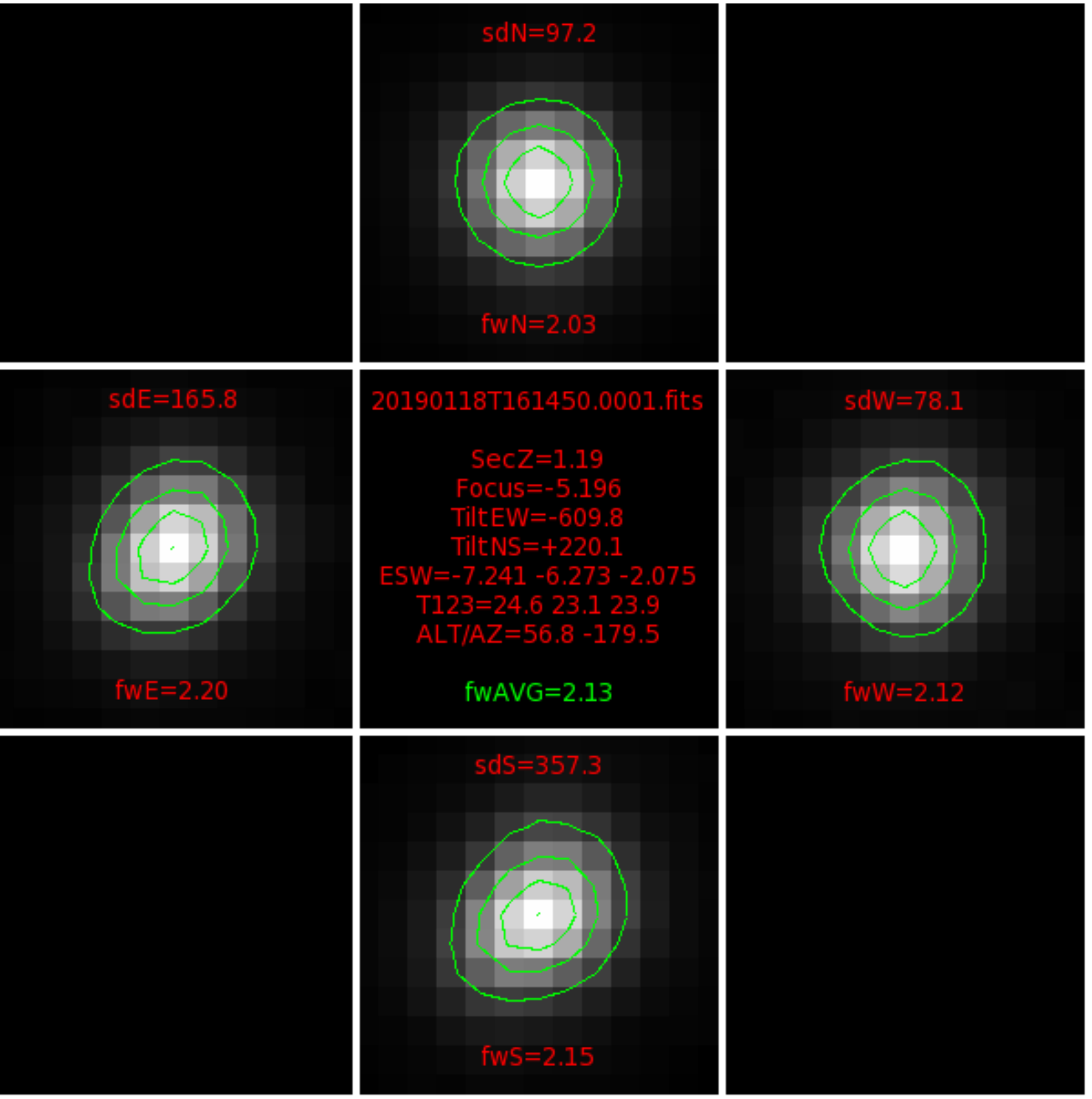
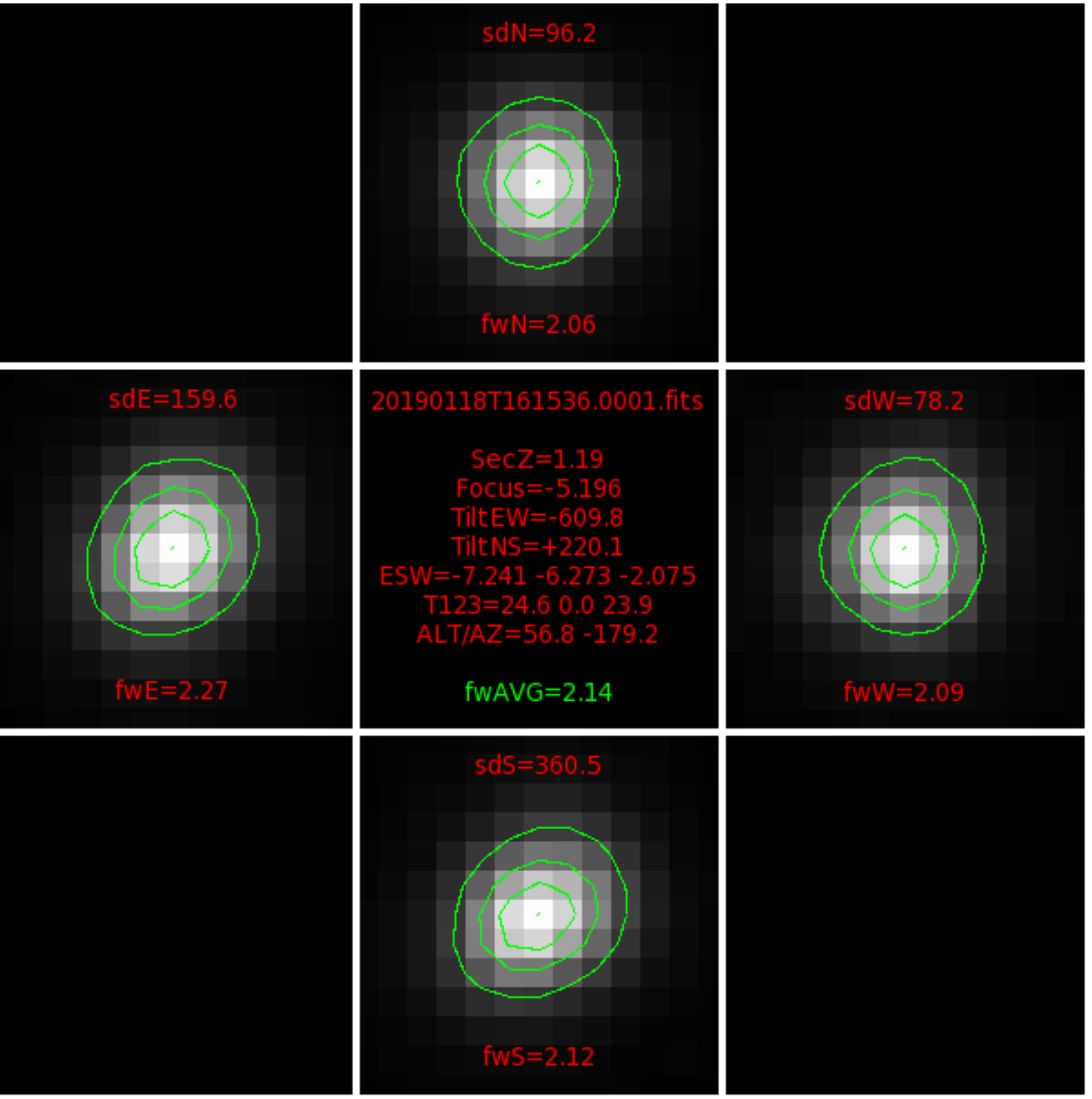
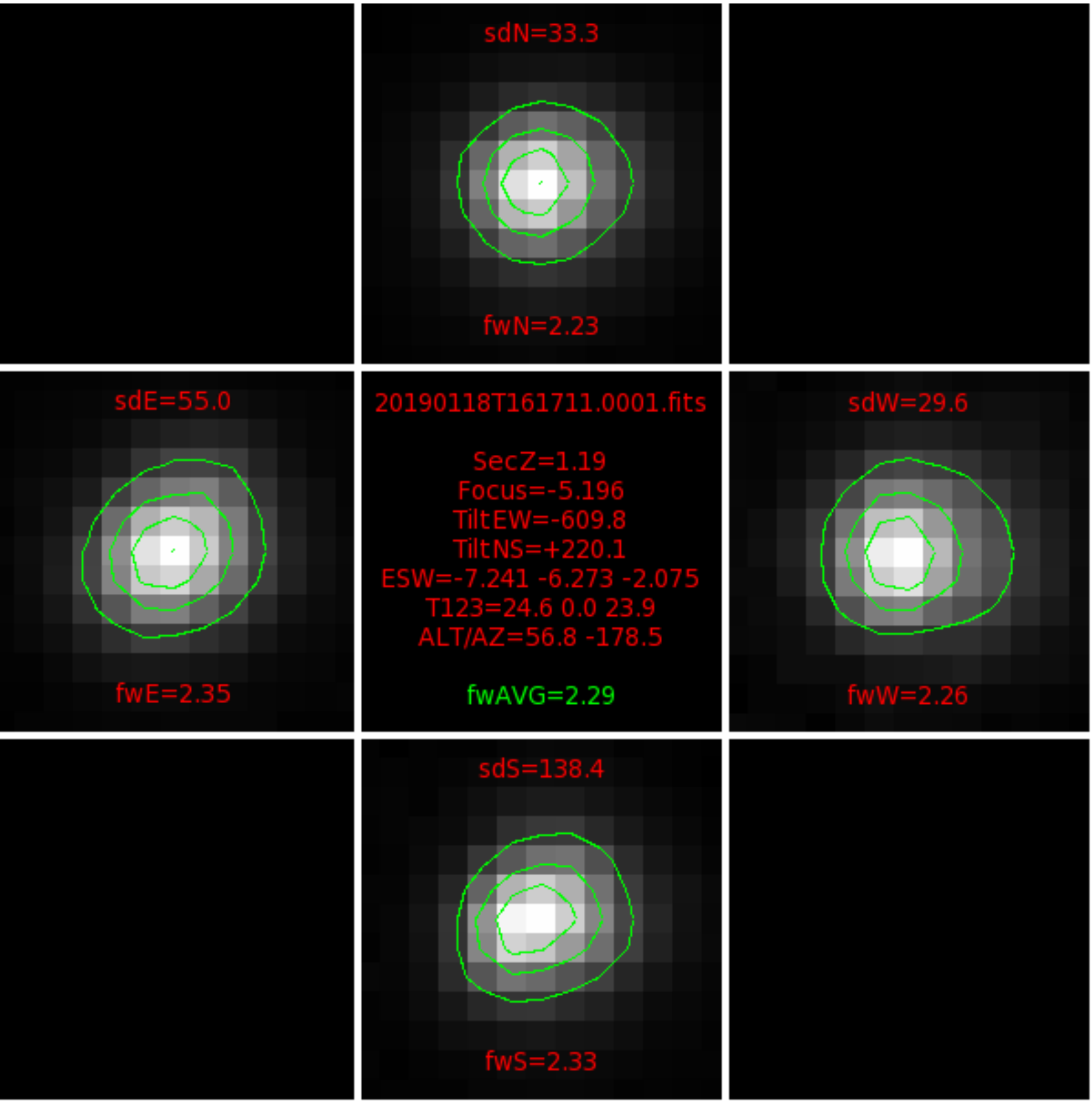
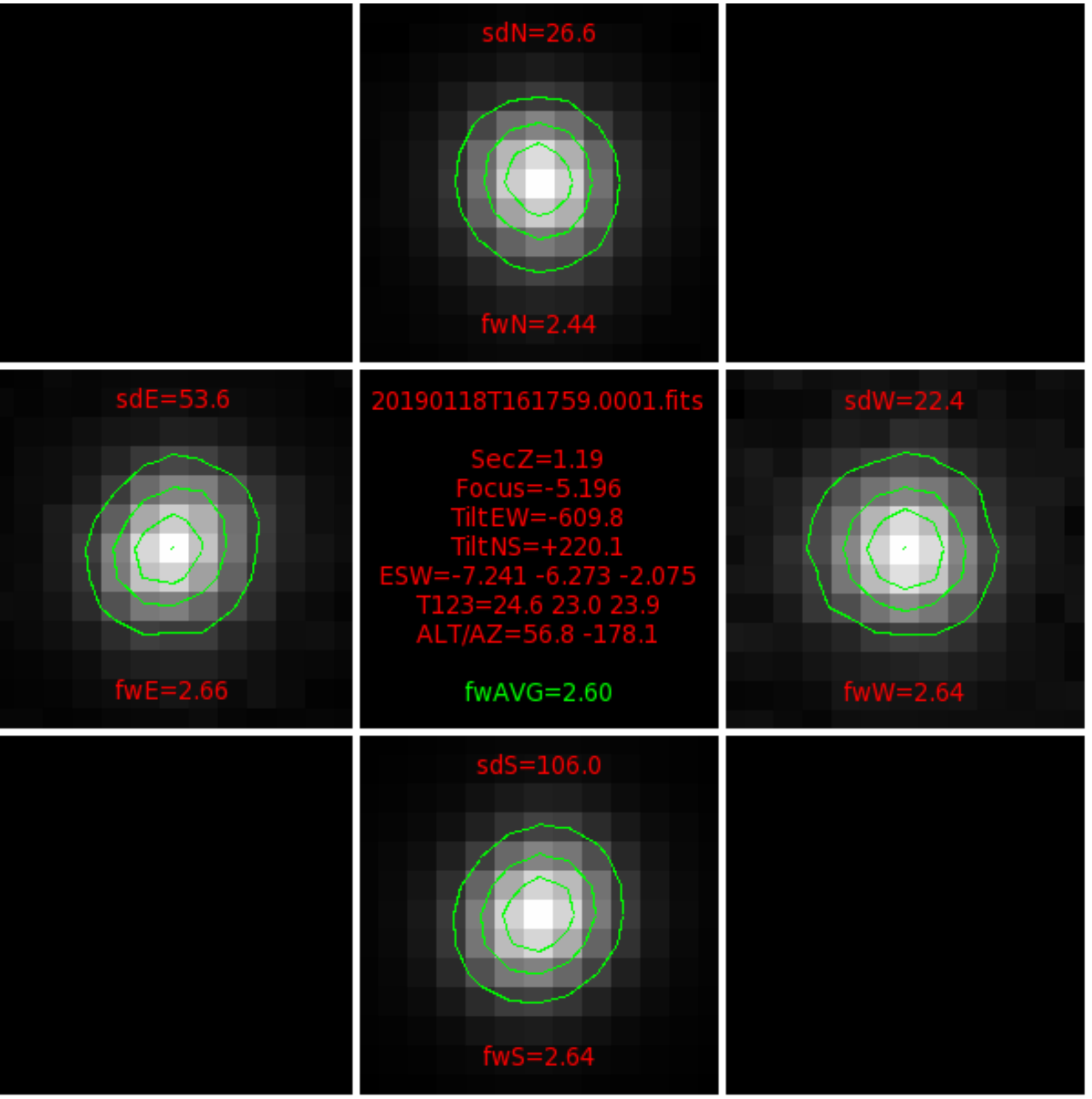

sdN=97.2
fwN=2.03
sdE=165.8
fwE=2.20
20190118T161450.0001.fits
SecZ=1.19
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.6 23.1 23.9
ALT/AZ=56.8 -179.5
fwAVG=2.13
sdW=78.1
fwW=2.12
sdS=357.3
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=96.2
fwN=2.06
sdE=159.6
fwE=2.27
20190118T161536.0001.fits
SecZ=1.19
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.6 0.0 23.9
ALT/AZ=56.8 -179.2
fwAVG=2.14
sdW=78.2
fwW=2.09
sdS=360.5
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=33.3
fwN=2.23
sdE=55.0
fwE=2.35
20190118T161711.0001.fits
SecZ=1.19
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.6 0.0 23.9
ALT/AZ=56.8 -178.5
fwAVG=2.29
sdW=29.6
fwW=2.26
sdS=138.4
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=26.6
fwN=2.44
sdE=53.6
fwE=2.66
20190118T161759.0001.fits
SecZ=1.19
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.6 23.0 23.9
ALT/AZ=56.8 -178.1
fwAVG=2.60
sdW=22.4
fwW=2.64
sdS=106.0
fwS=2.64
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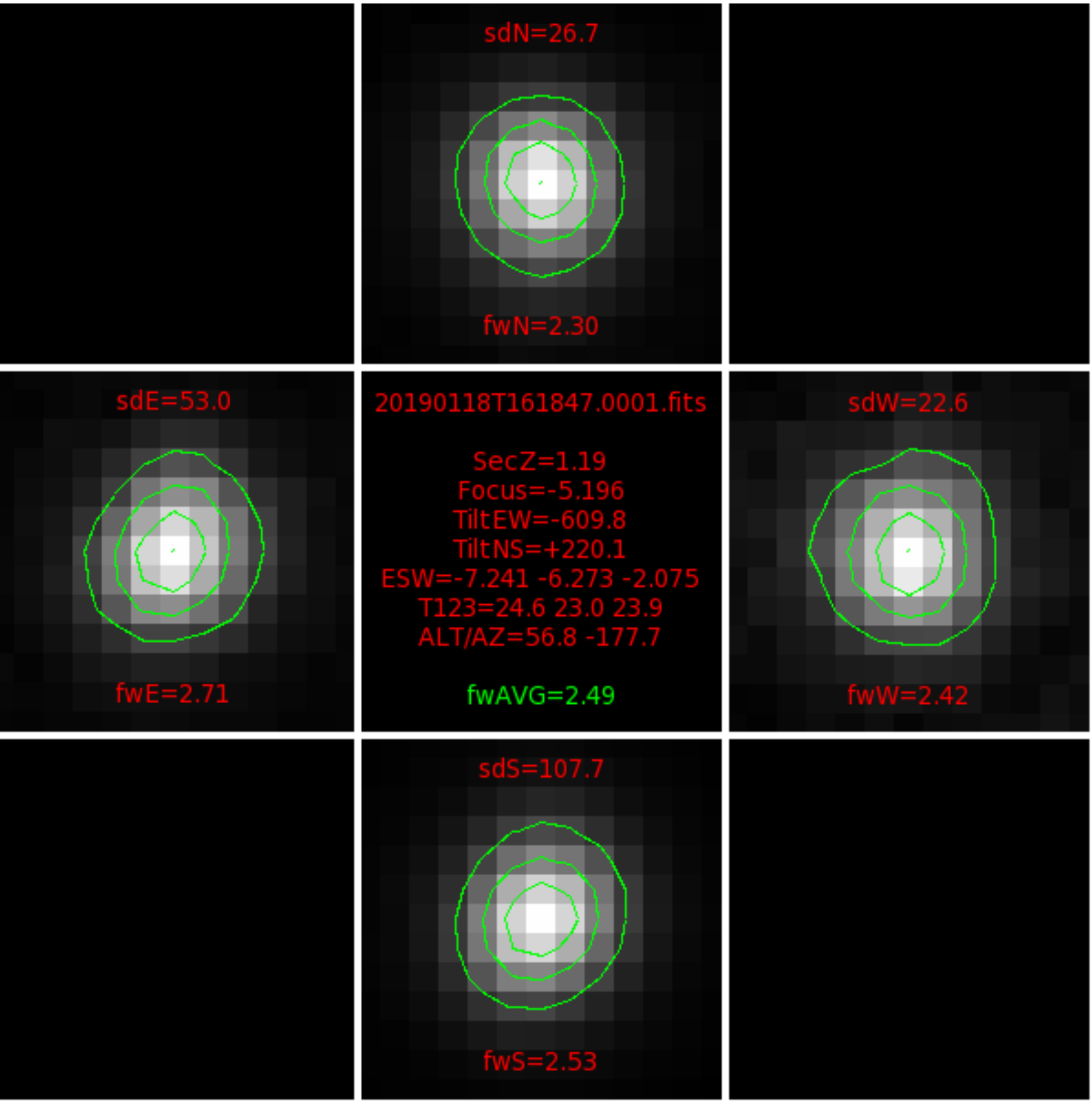
sdN=26.7
fwN=2.30
sdE=53.0
fwE=2.71
20190118T161847.0001.fits
SecZ=1.19
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.6 23.0 23.9
ALT/AZ=56.8 -177.7
fwAVG=2.49
sdW=22.6
fwW=2.42
sdS=107.7
fwS=2.53
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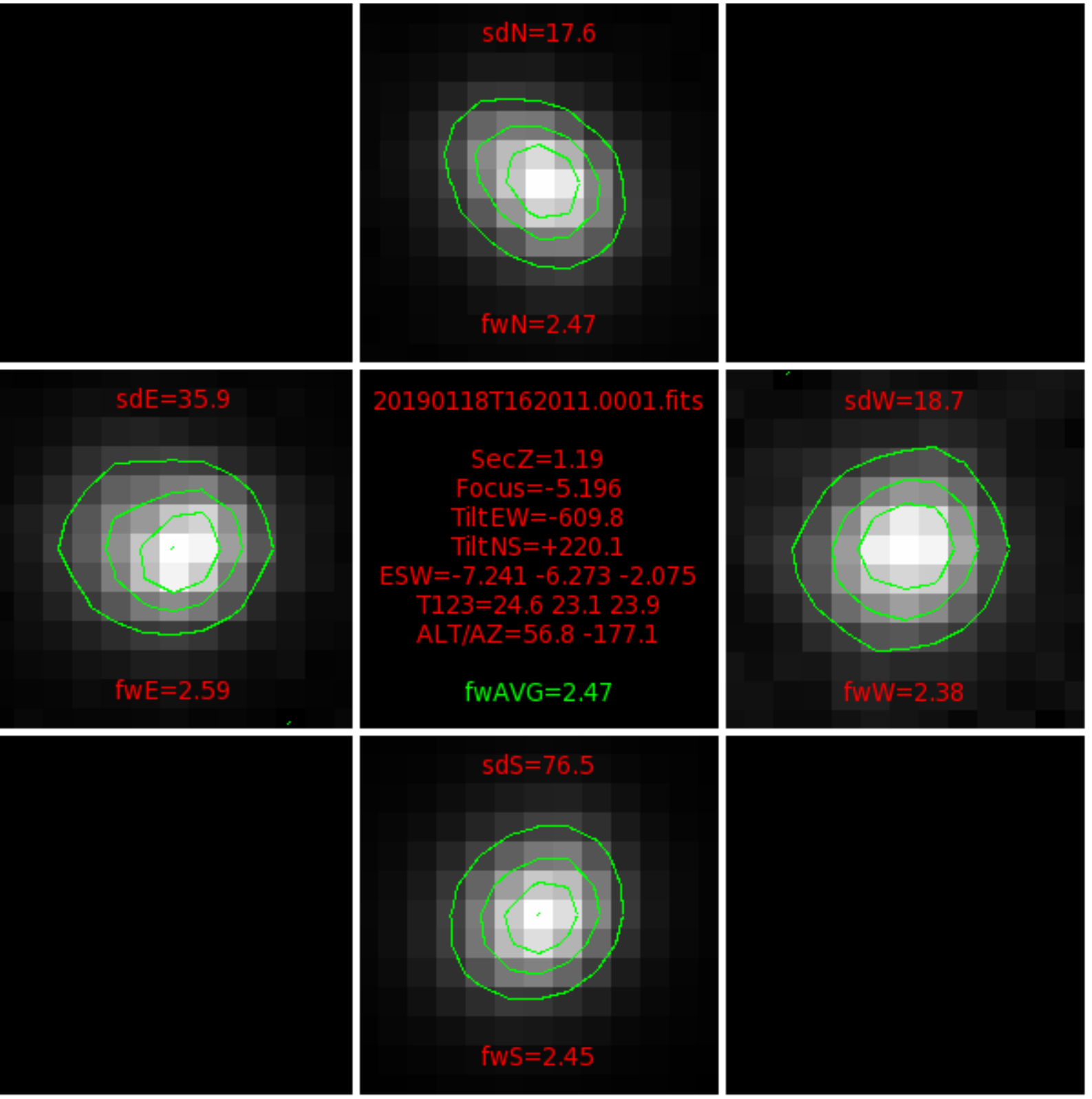
sdN=17.6
fwN=2.47
sdE=35.9
fwE=2.59
20190118T162011.0001.fits
SecZ=1.19
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.6 23.1 23.9
ALT/AZ=56.8 -177.1
fwAVG=2.47
sdW=18.7
fwW=2.38
sdS=76.5
fwS=2.45
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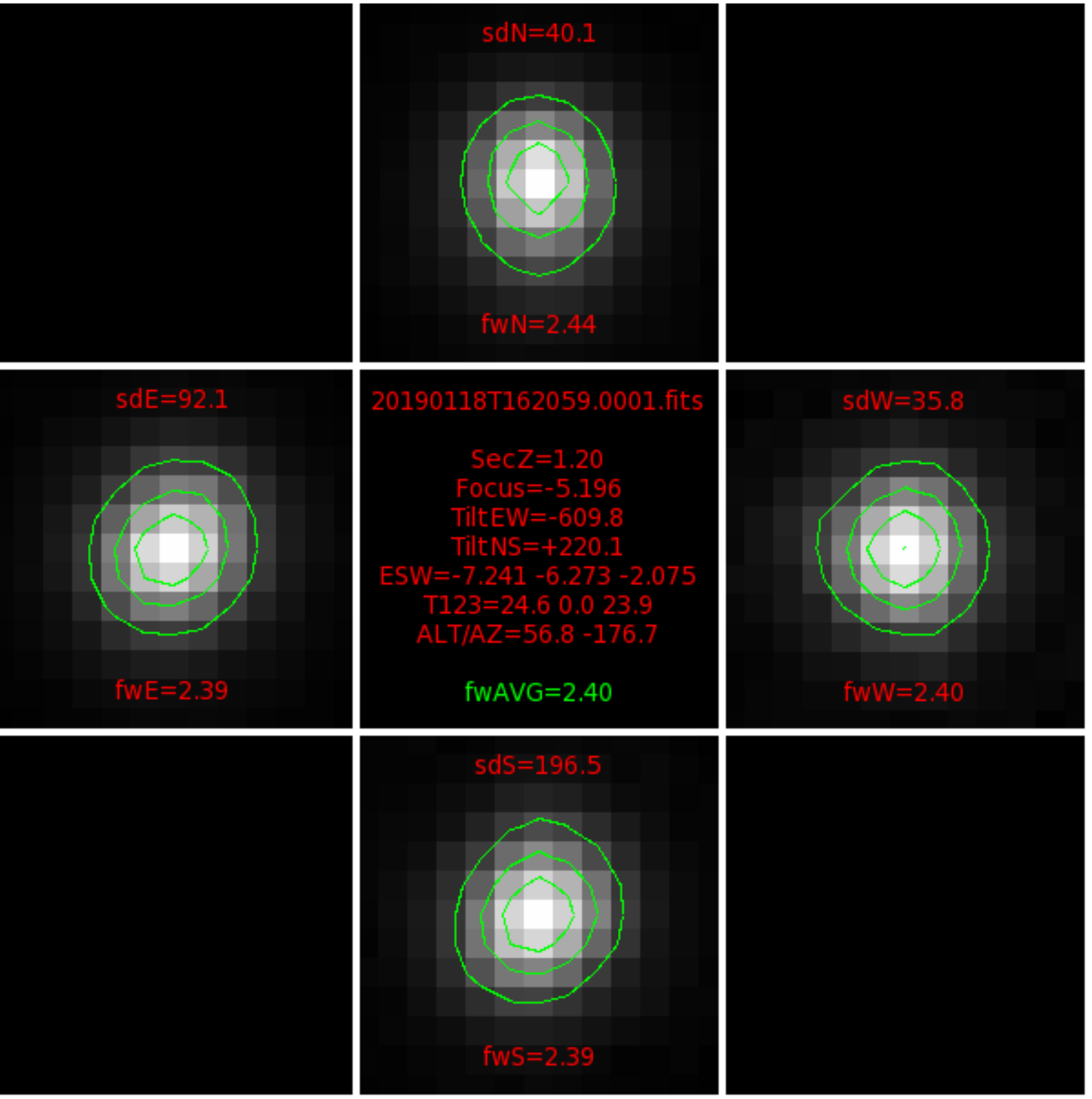
sdN=40.1
fwN=2.44
sdE=92.1
fwE=2.39
20190118T162059.0001.fits
SecZ=1.20
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.6 0.0 23.9
ALT/AZ=56.8 -176.7
fwAVG=2.40
sdW=35.8
fwW=2.40
sdS=196.5
fwS=2.39
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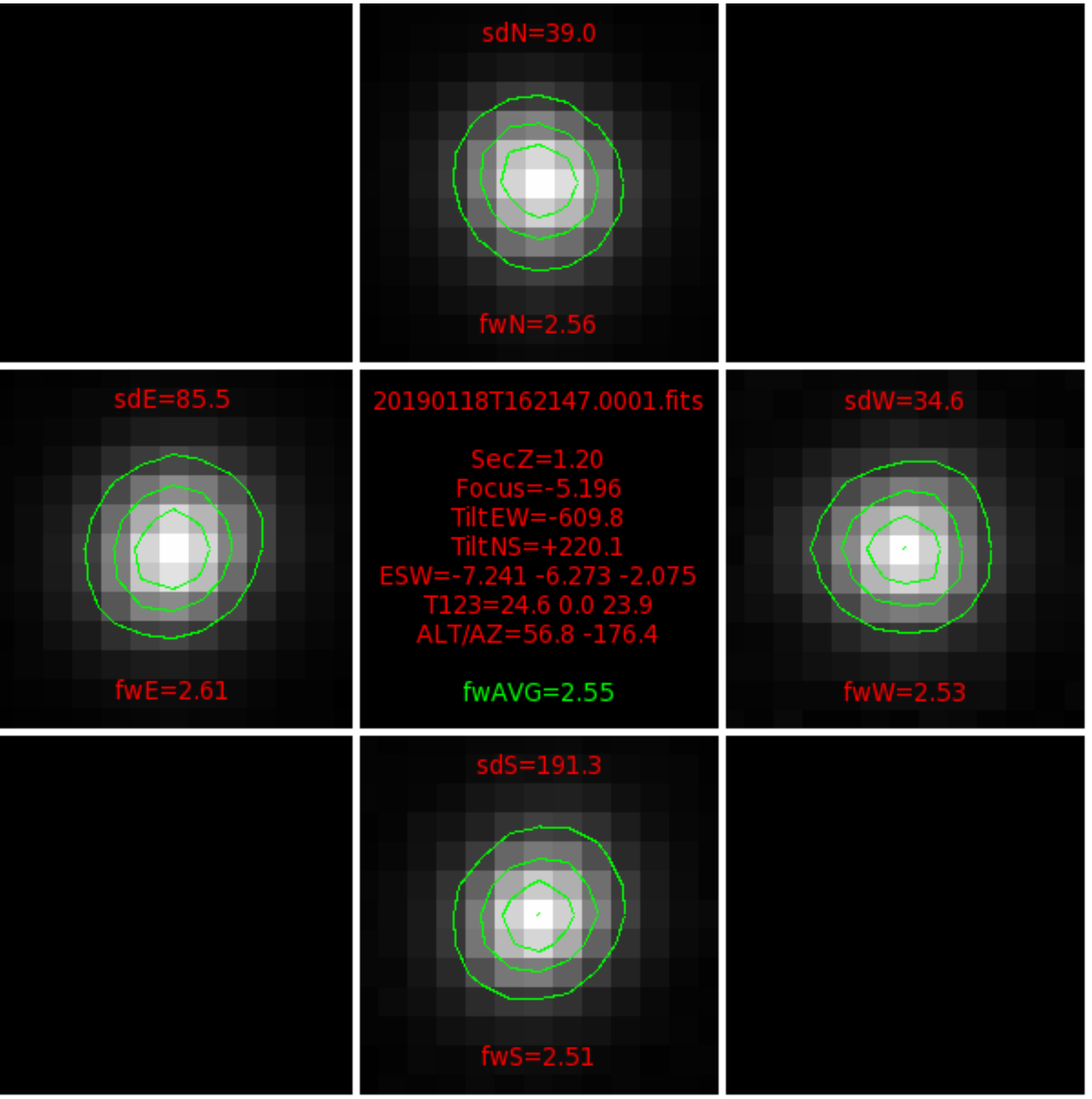
sdN=39.0
fwN=2.56
sdE=85.5
fwE=2.61
20190118T162147.0001.fits
SecZ=1.20
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.6 0.0 23.9
ALT/AZ=56.8 -176.4
fwAVG=2.55
sdW=34.6
fwW=2.53
sdS=191.3
fwS=2.51
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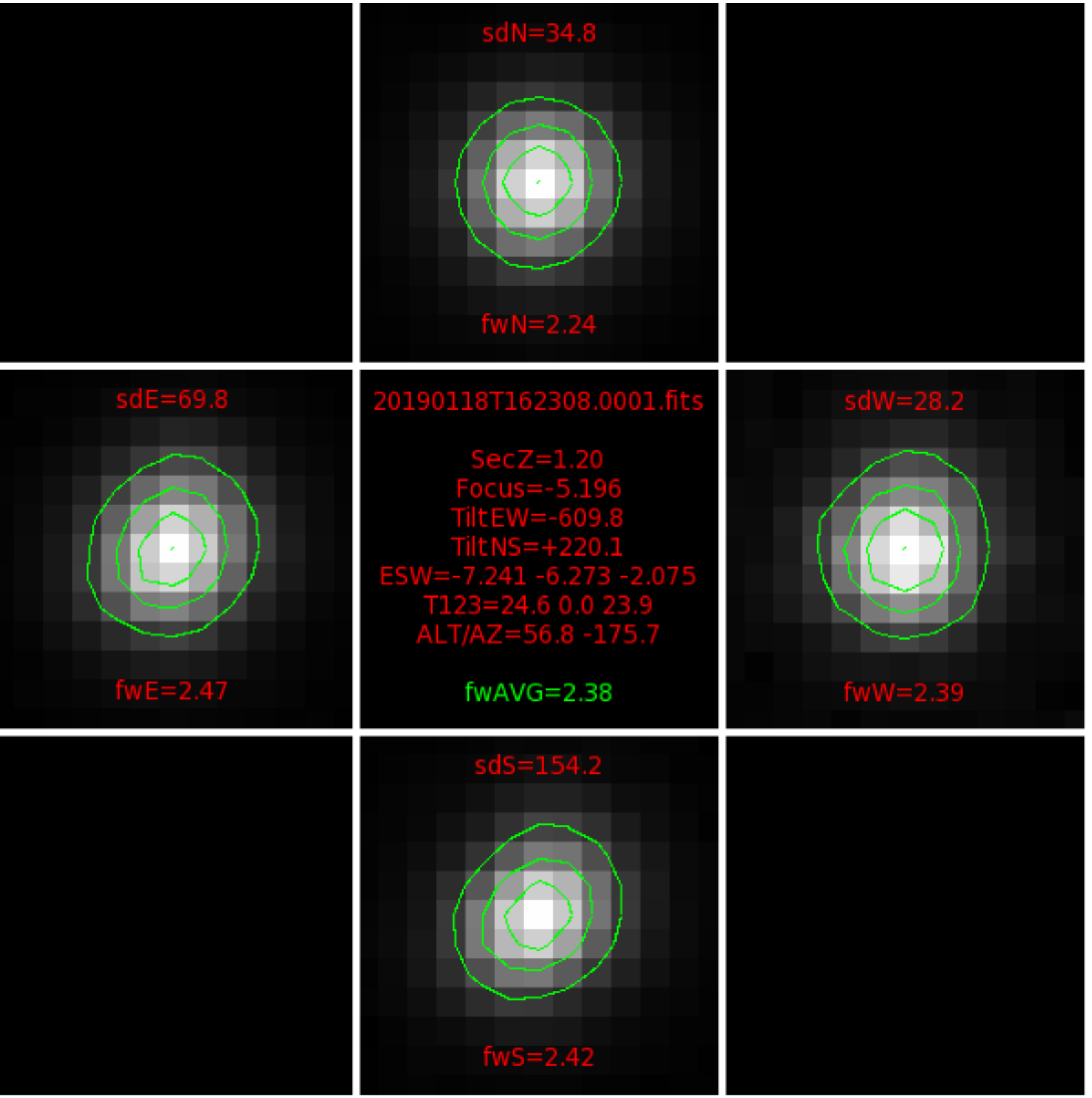
sdN=34.8
fwN=2.24
sdE=69.8
fwE=2.47
20190118T162308.0001.fits
SecZ=1.20
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.6 0.0 23.9
ALT/AZ=56.8 -175.7
fwAVG=2.38
sdW=28.2
fwW=2.39
sdS=154.2
fwS=2.42
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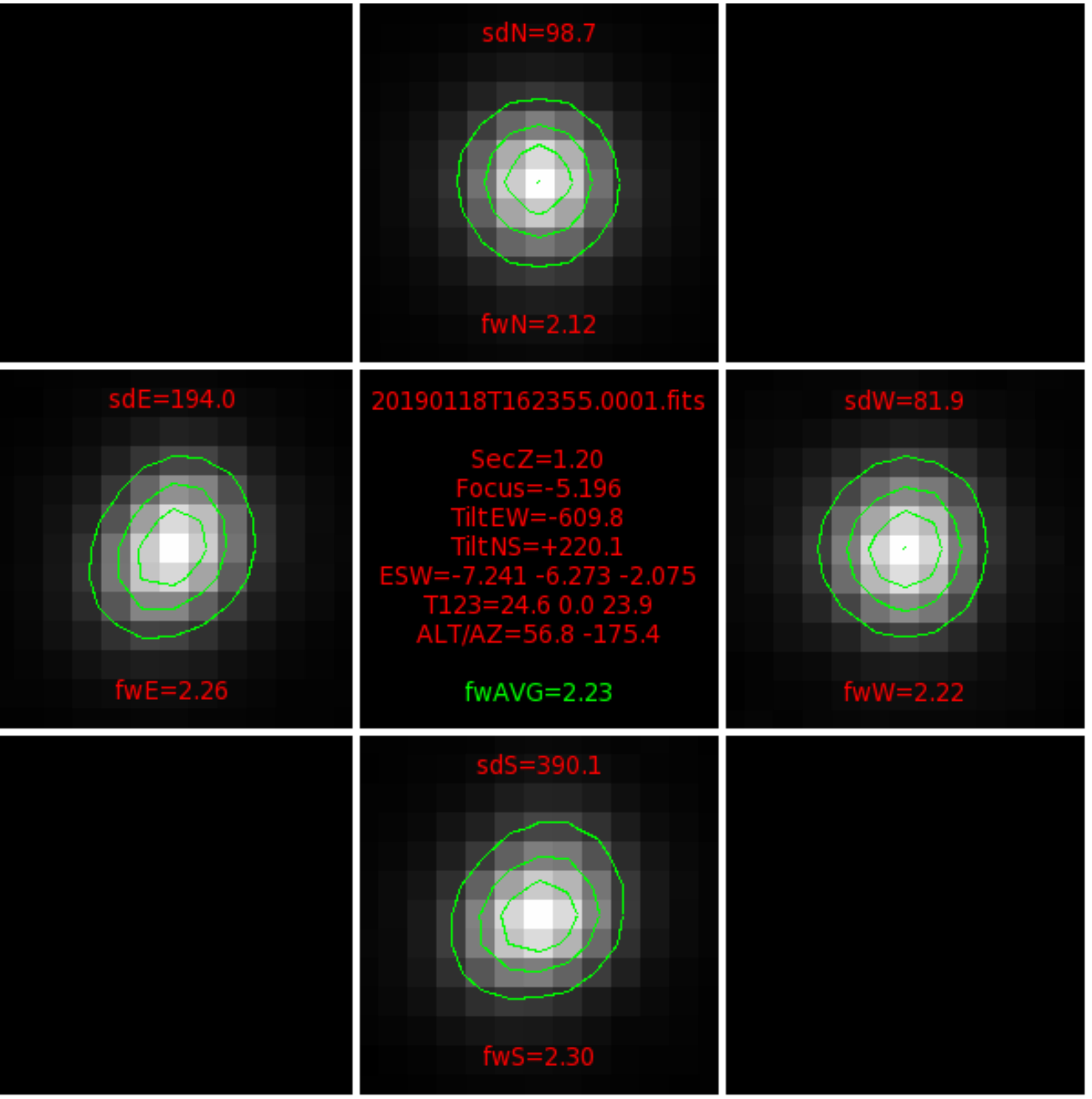
sdN=98.7
fwN=2.12
sdE=194.0
fwE=2.26
20190118T162355.0001.fits
SecZ=1.20
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.6 0.0 23.9
ALT/AZ=56.8 -175.4
fwAVG=2.23
sdW=81.9
fwW=2.22
sdS=390.1
fwS=2.30
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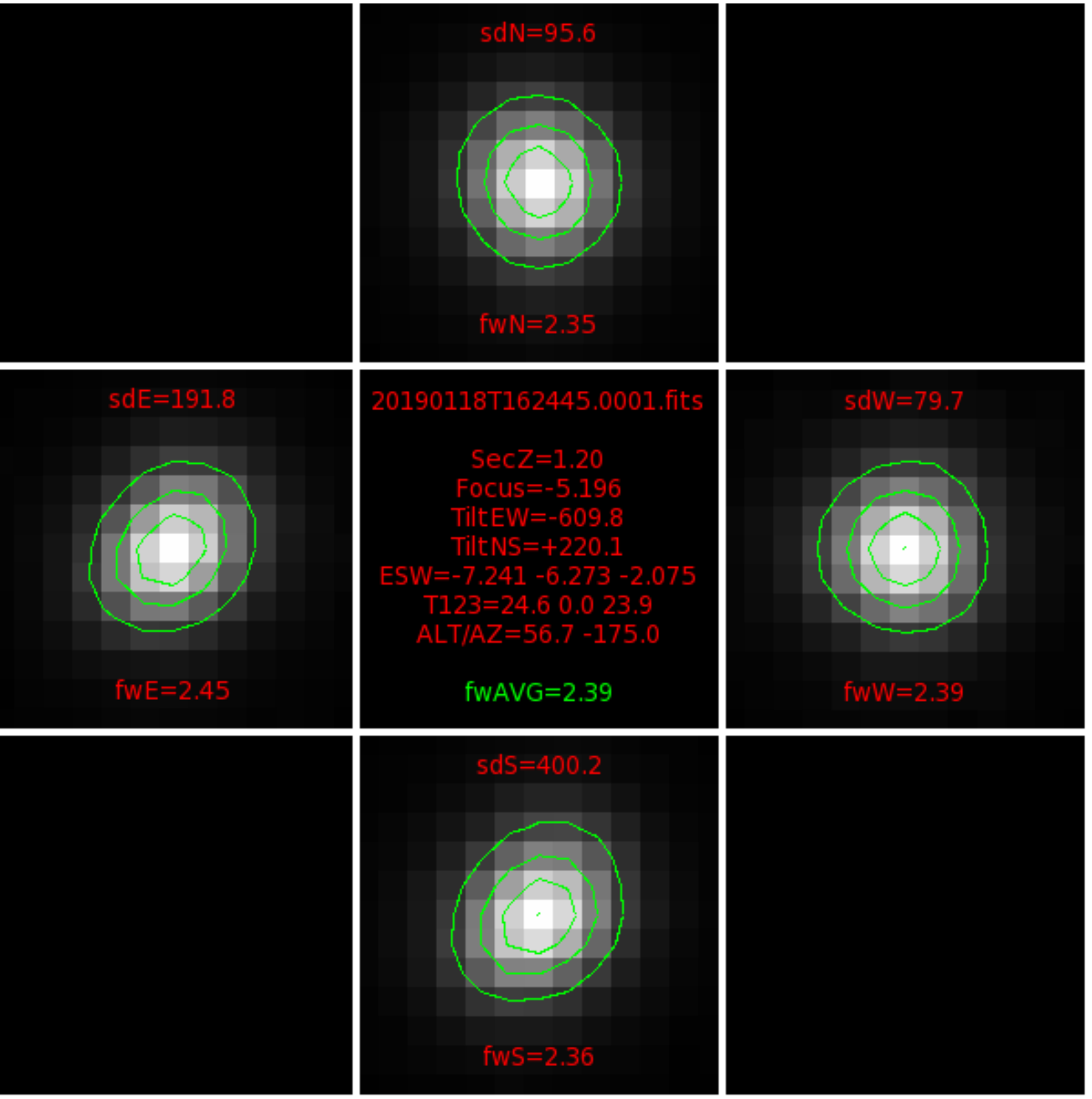
sdN=95.6
fwN=2.35
sdE=191.8
fwE=2.45
20190118T162445.0001.fits
SecZ=1.20
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.6 0.0 23.9
ALT/AZ=56.7 -175.0
fwAVG=2.39
sdW=79.7
fwW=2.39
sdS=400.2
fwS=2.36
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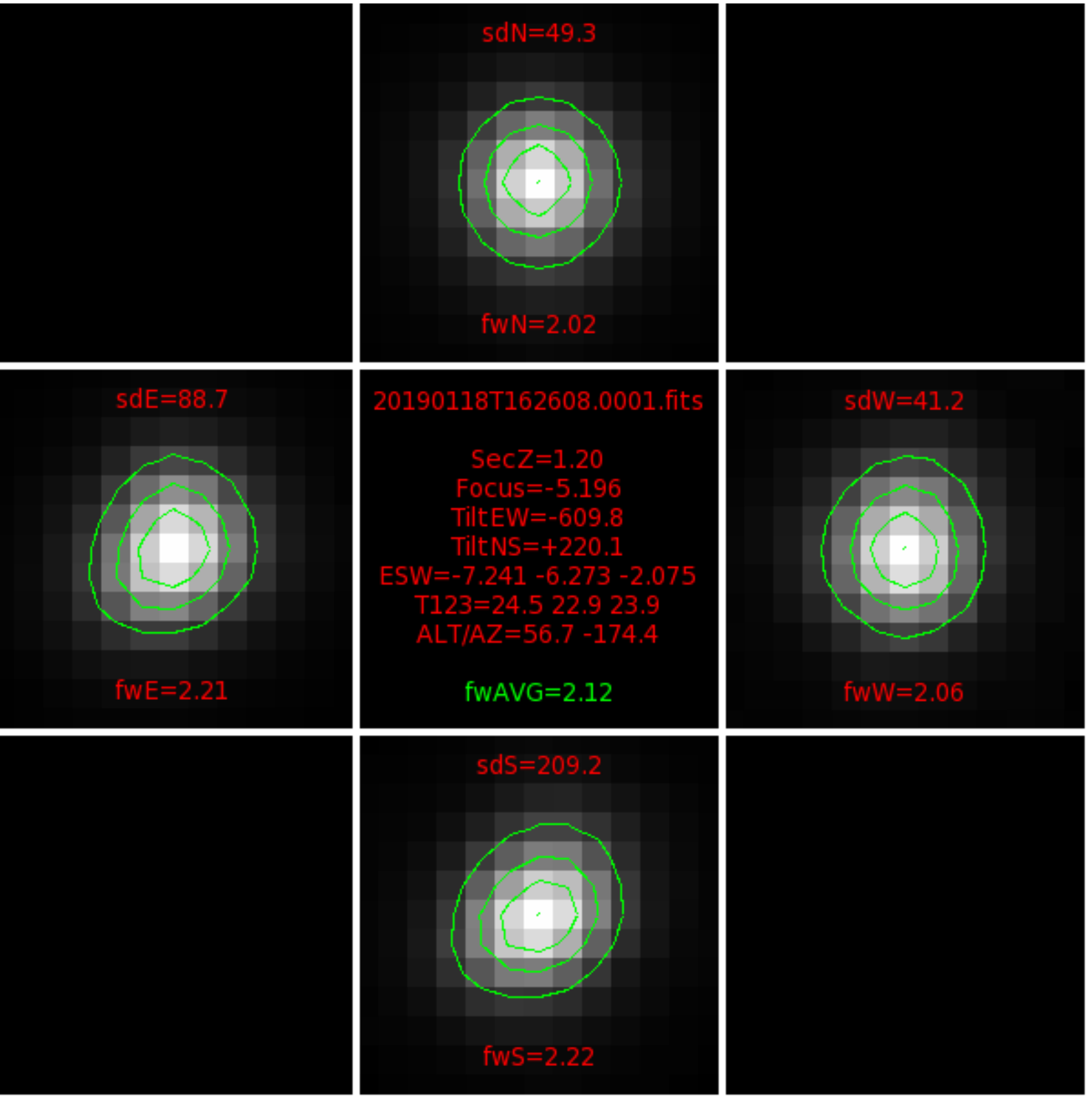
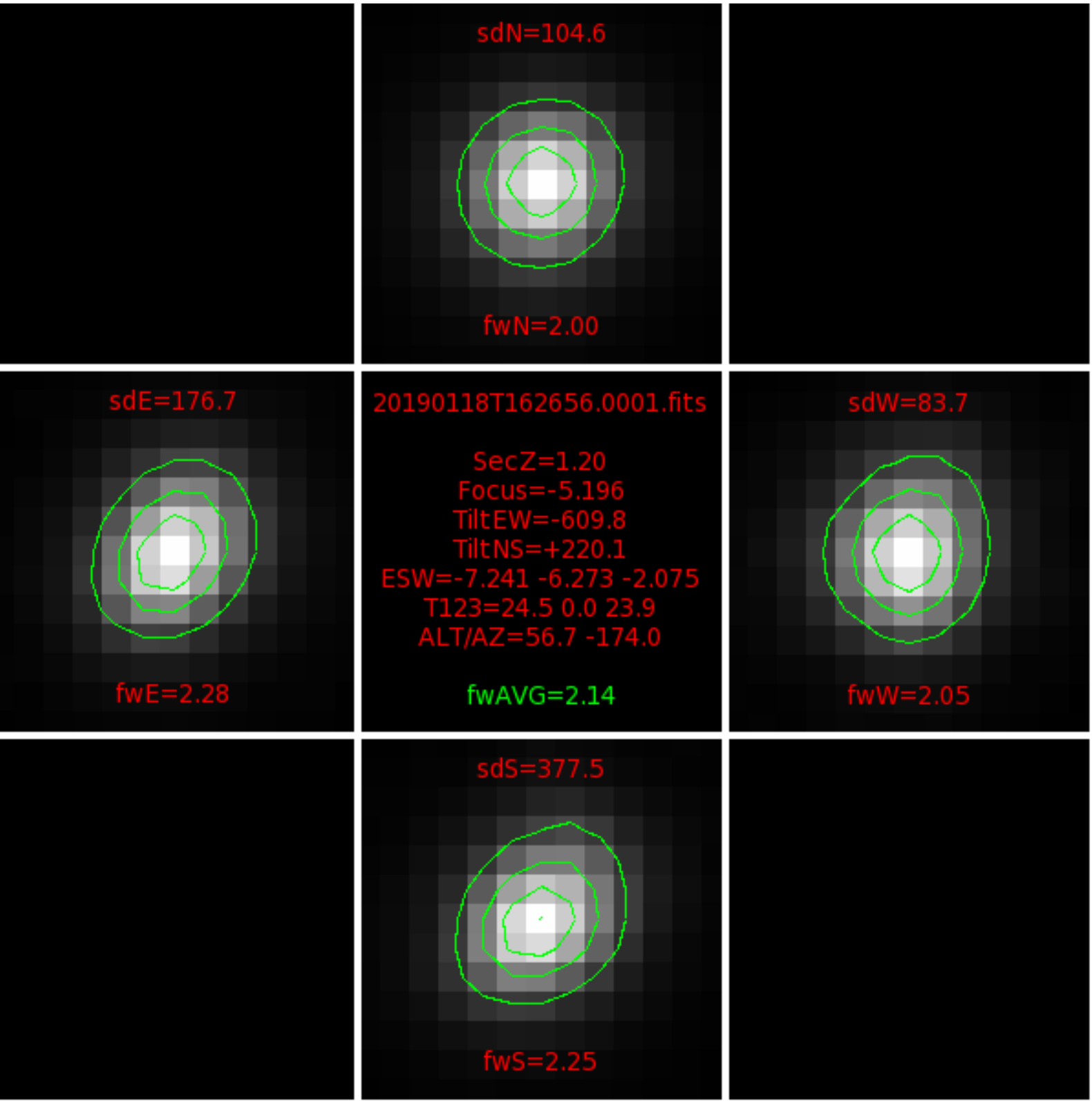

sdN=49.3
fwN=2.02
sdE=88.7
fwE=2.21
20190118T162608.0001.fits
SecZ=1.20
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.5 22.9 23.9
ALT/AZ=56.7 -174.4
fwAVG=2.12
sdW=41.2
fwW=2.06
sdS=209.2
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=104.6
fwN=2.00
sdE=176.7
fwE=2.28
20190118T162656.0001.fits
SecZ=1.20
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.5 0.0 23.9
ALT/AZ=56.7 -174.0
fwAVG=2.14
sdW=83.7
fwW=2.05
sdS=377.5
fwS=2.25
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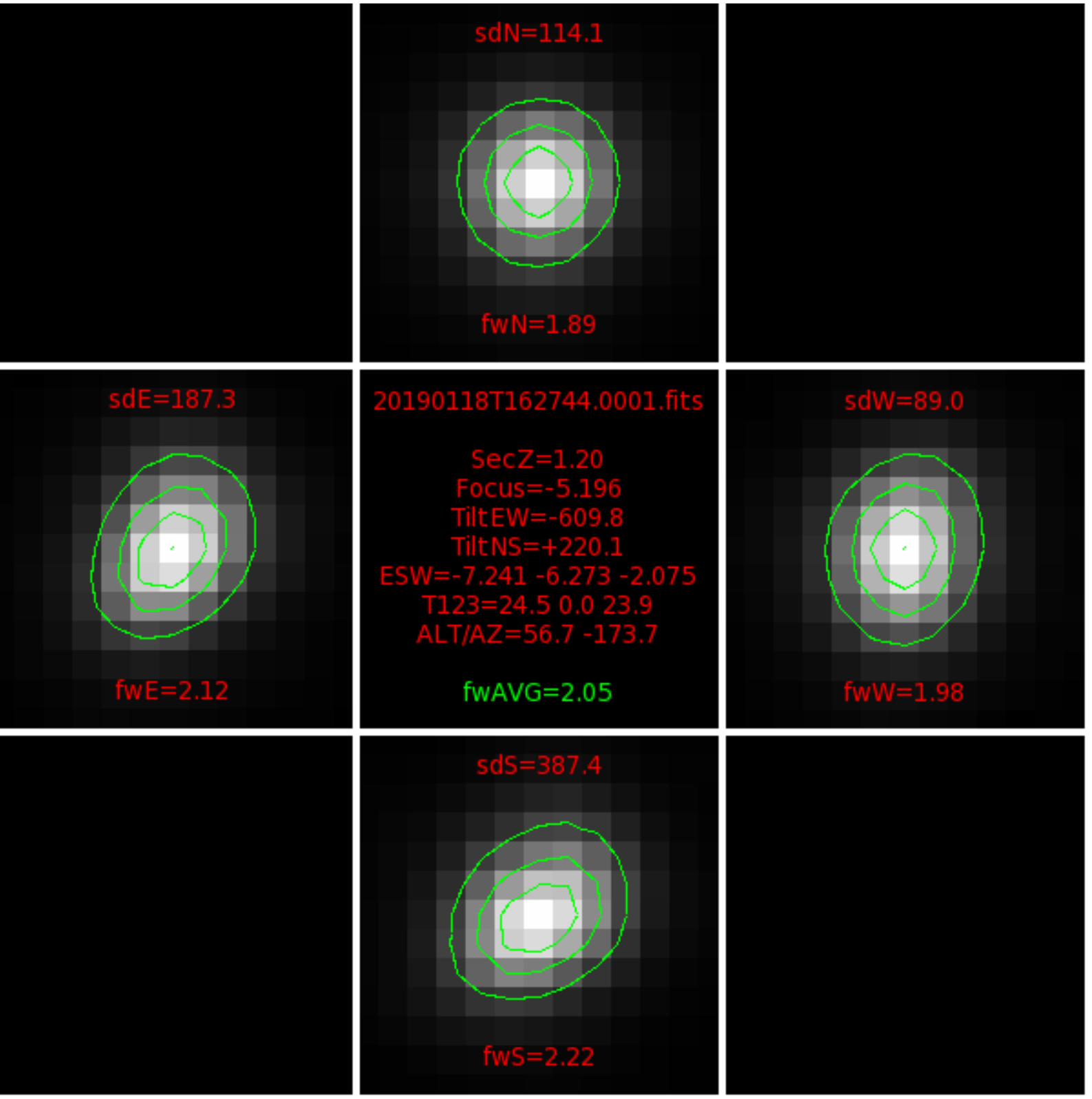
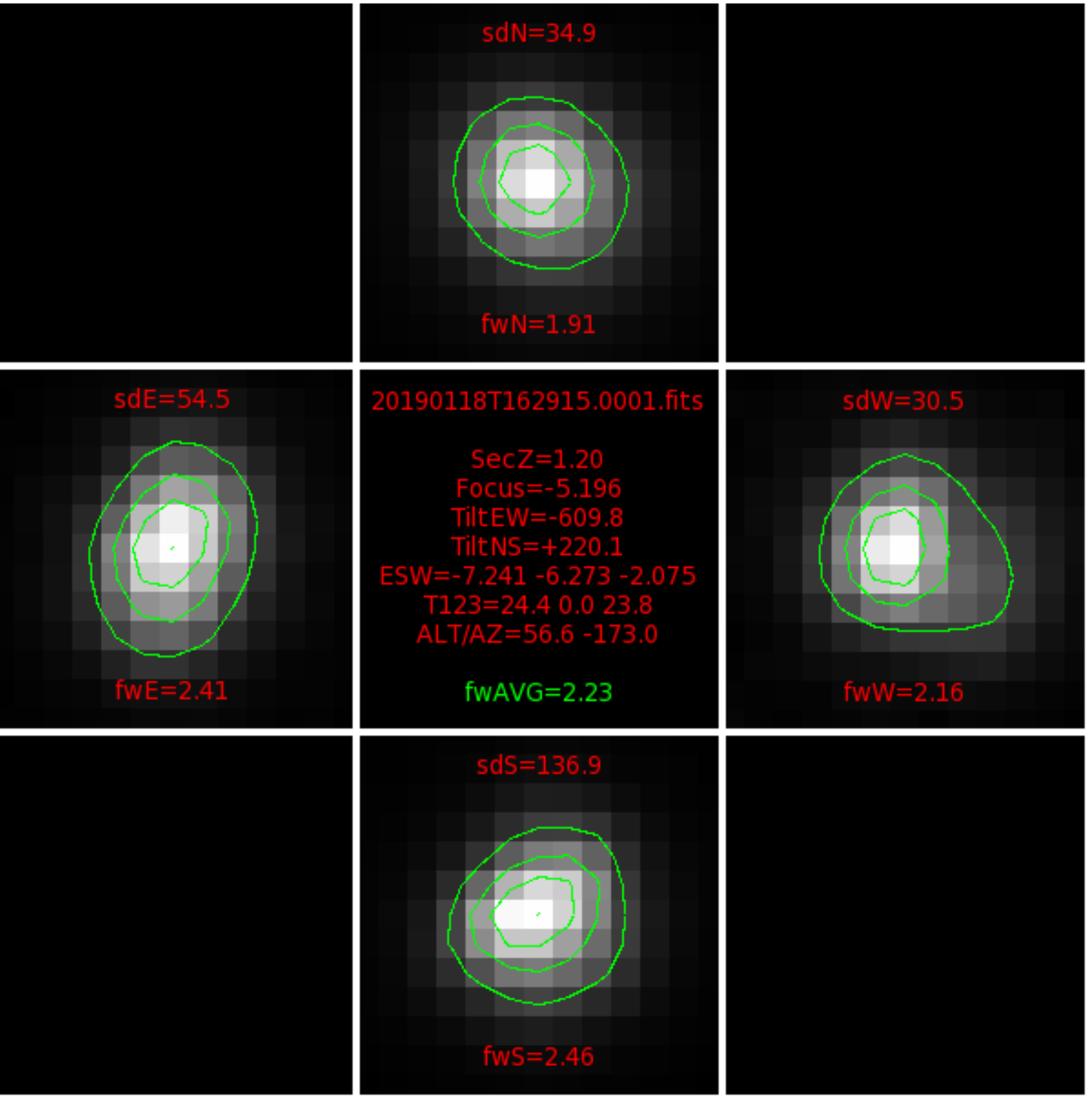

sdN=114.1
fwN=1.89
sdE=187.3
fwE=2.12
20190118T162744.0001.fits
SecZ=1.20
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.5 0.0 23.9
ALT/AZ=56.7 -173.7
fwAVG=2.05
sdW=89.0
fwW=1.98
sdS=387.4
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=34.9
fwN=1.91
sdE=54.5
fwE=2.41
20190118T162915.0001.fits
SecZ=1.20
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.4 0.0 23.8
ALT/AZ=56.6 -173.0
fwAVG=2.23
sdW=30.5
fwW=2.16
sdS=136.9
fwS=2.46
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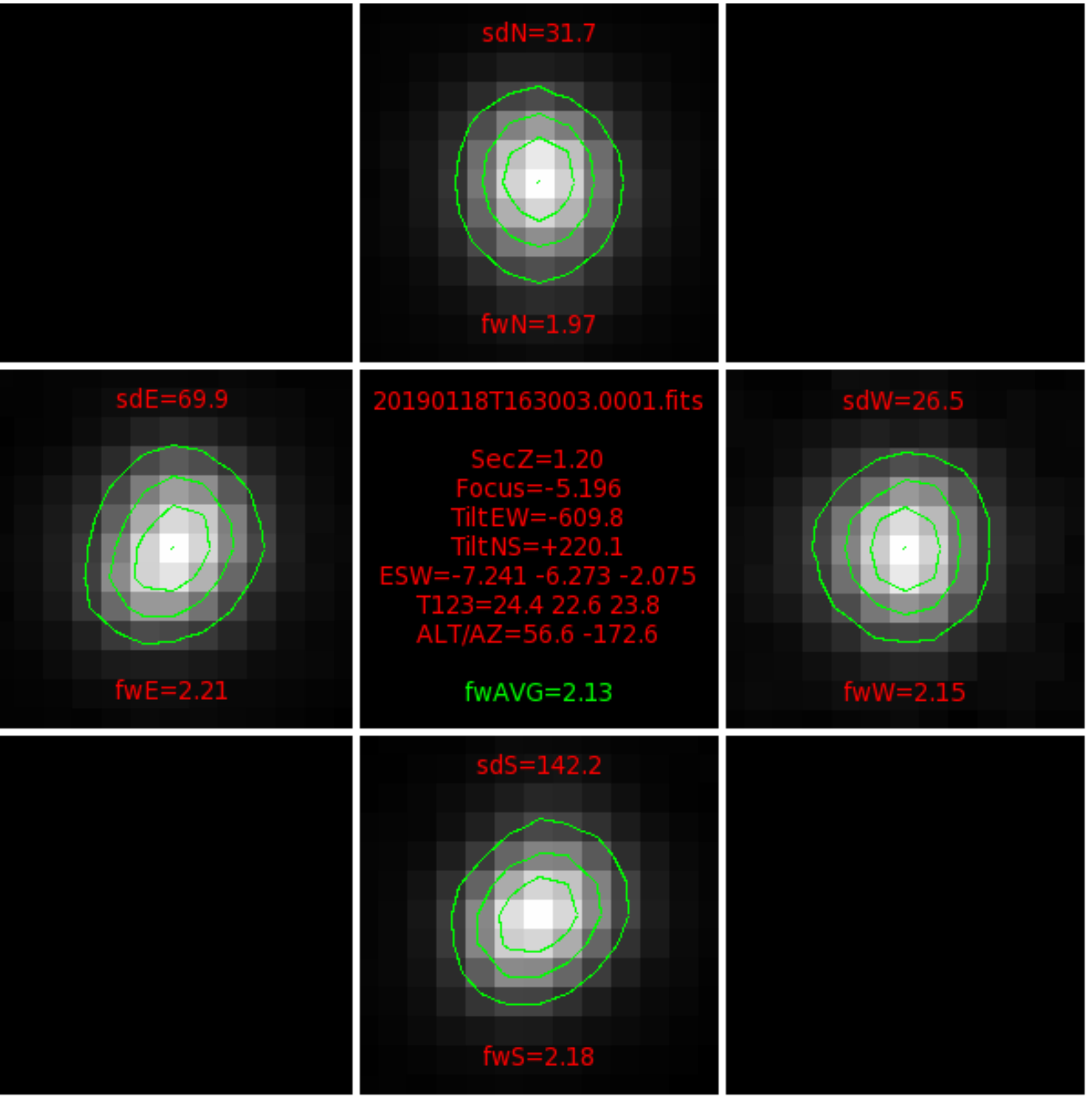
sdN=31.7
fwN=1.97
sdE=69.9
fwE=2.21
20190118T163003.0001.fits
SecZ=1.20
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.4 22.6 23.8
ALT/AZ=56.6 -172.6
fwAVG=2.13
sdW=26.5
fwW=2.15
sdS=142.2
fwS=2.18
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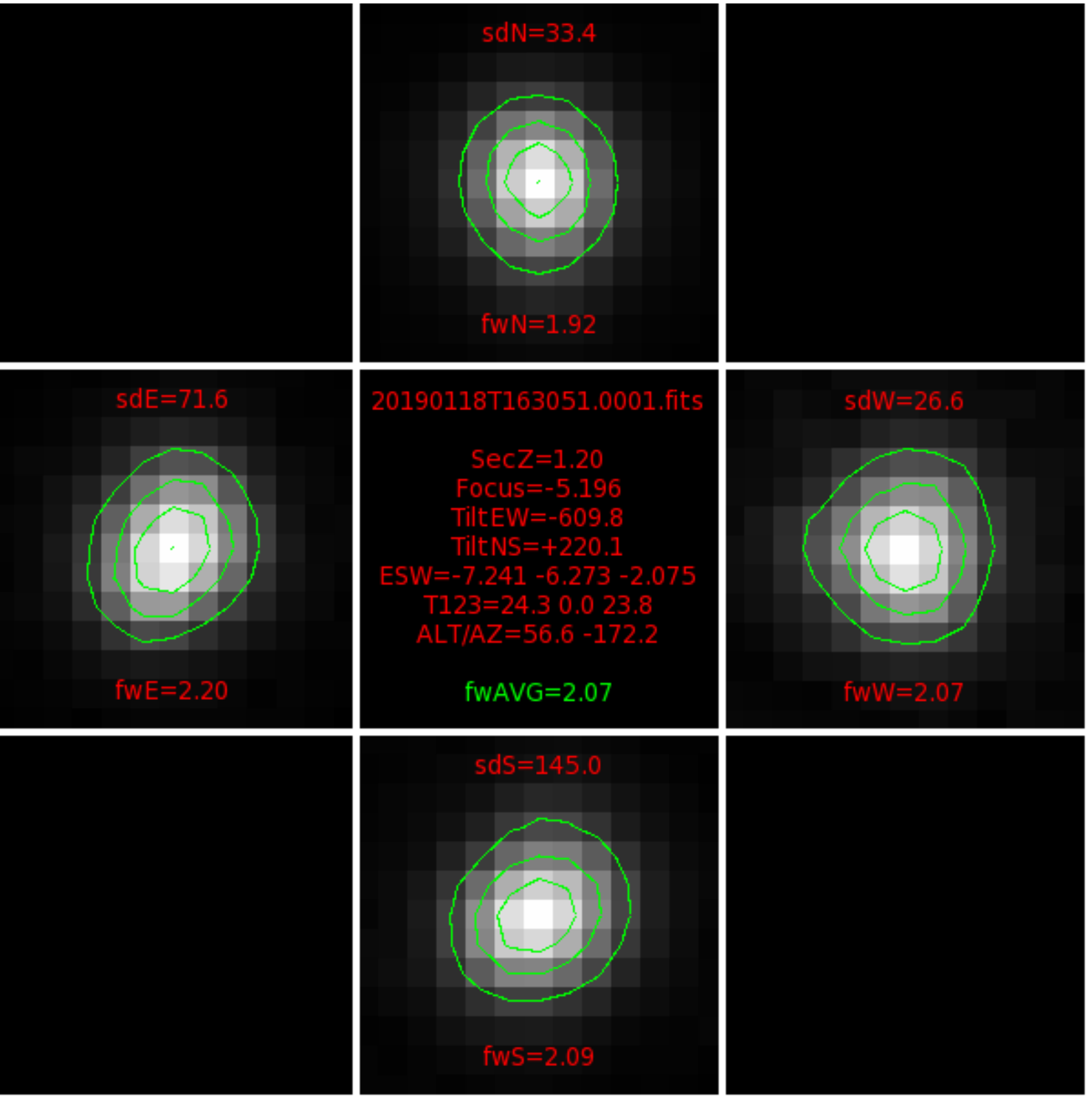
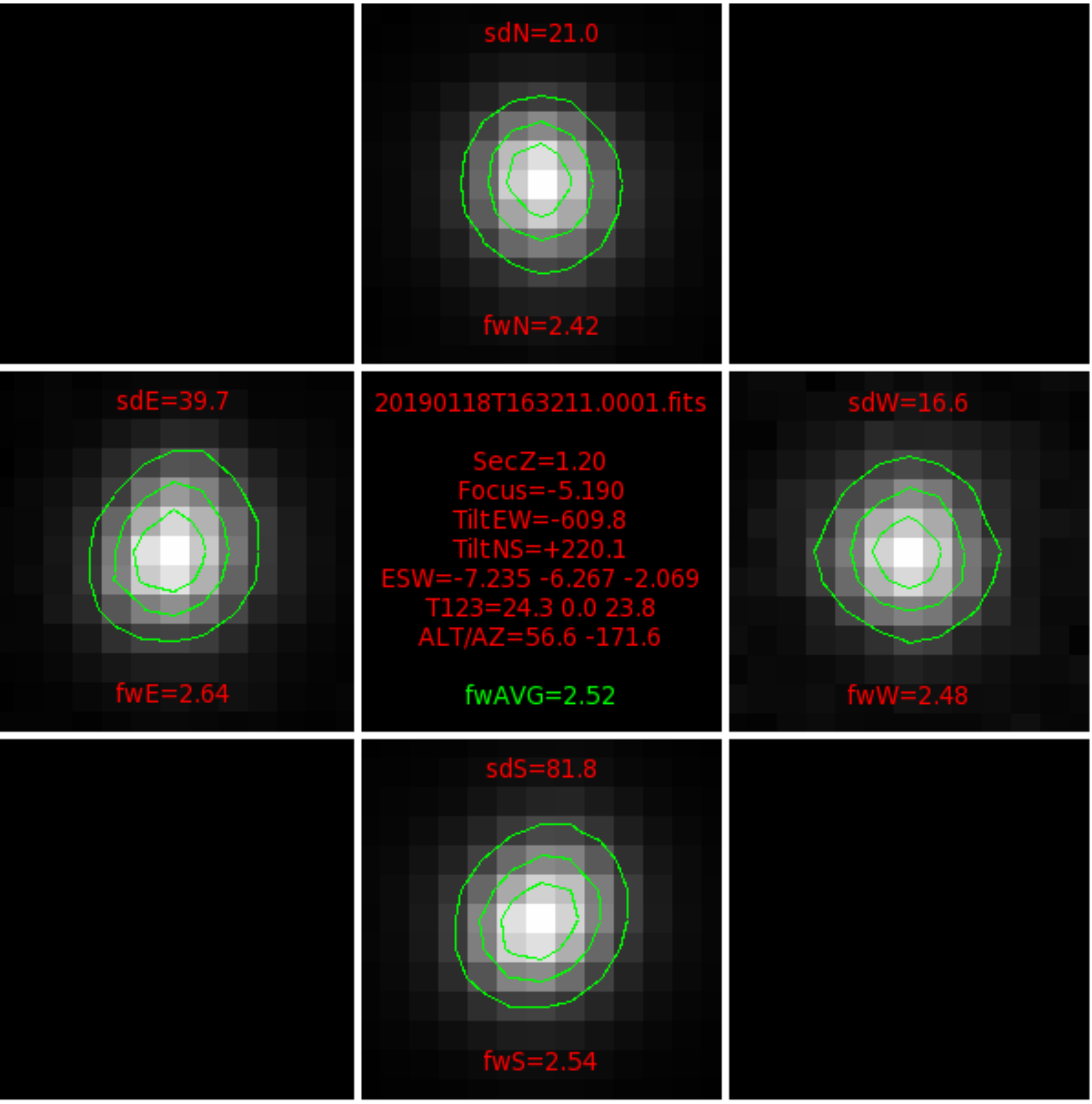

sdN=33.4
fwN=1.92
sdE=71.6
fwE=2.20
20190118T163051.0001.fits
SecZ=1.20
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.3 0.0 23.8
ALT/AZ=56.6 -172.2
fwAVG=2.07
sdW=26.6
fwW=2.07
sdS=145.0
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=21.0
fwN=2.42
sdE=39.7
fwE=2.64
20190118T163211.0001.fits
SecZ=1.20
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 0.0 23.8
ALT/AZ=56.6 -171.6
fwAVG=2.52
sdW=16.6
fwW=2.48
sdS=81.8
fwS=2.54
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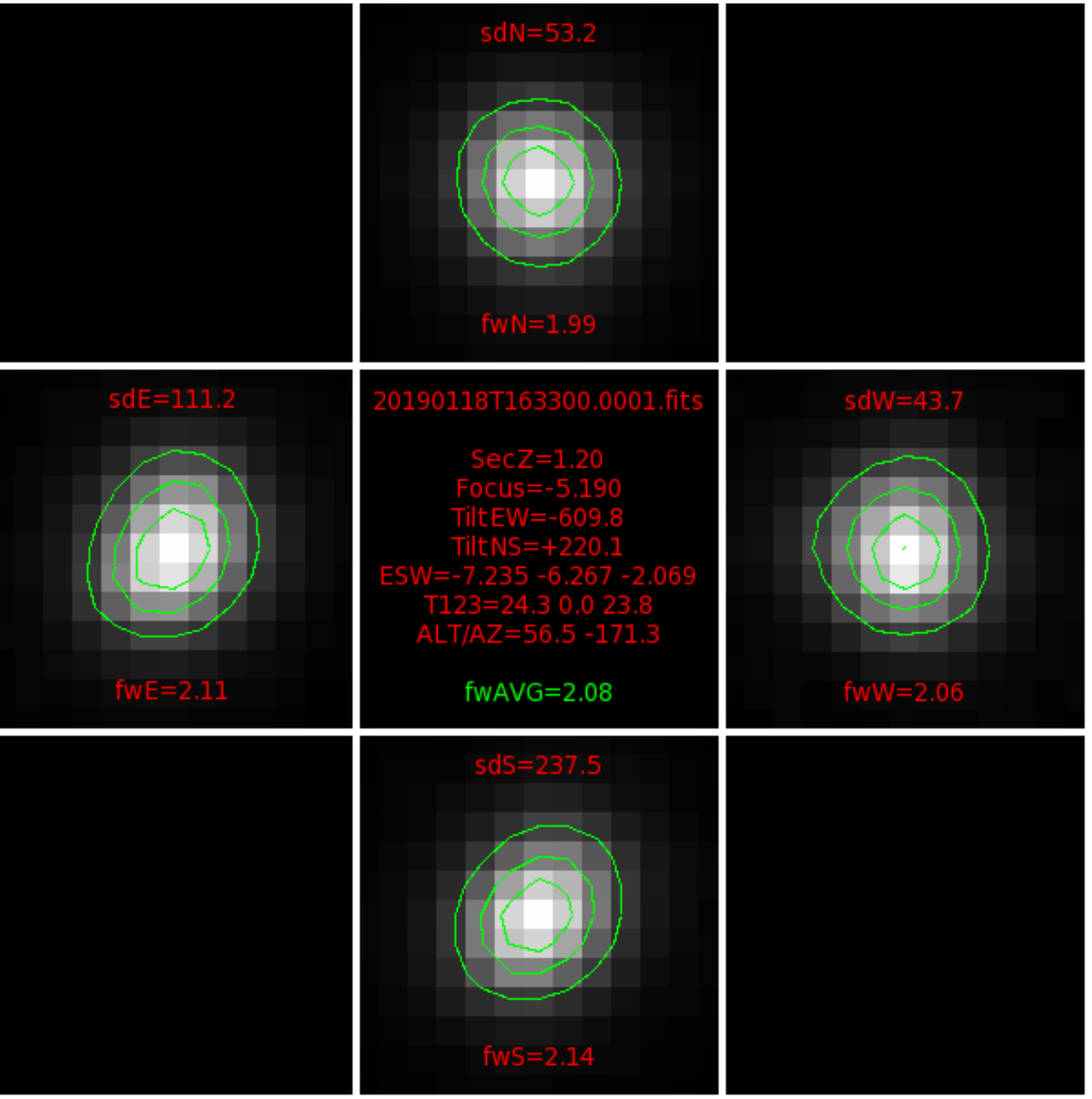
sdN=53.2
fwN=1.99
sdE=111.2
fwE=2.11
20190118T163300.0001.fits
SecZ=1.20
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 0.0 23.8
ALT/AZ=56.5 -171.3
fwAVG=2.08
sdW=43.7
fwW=2.06
sdS=237.5
fwS=2.14
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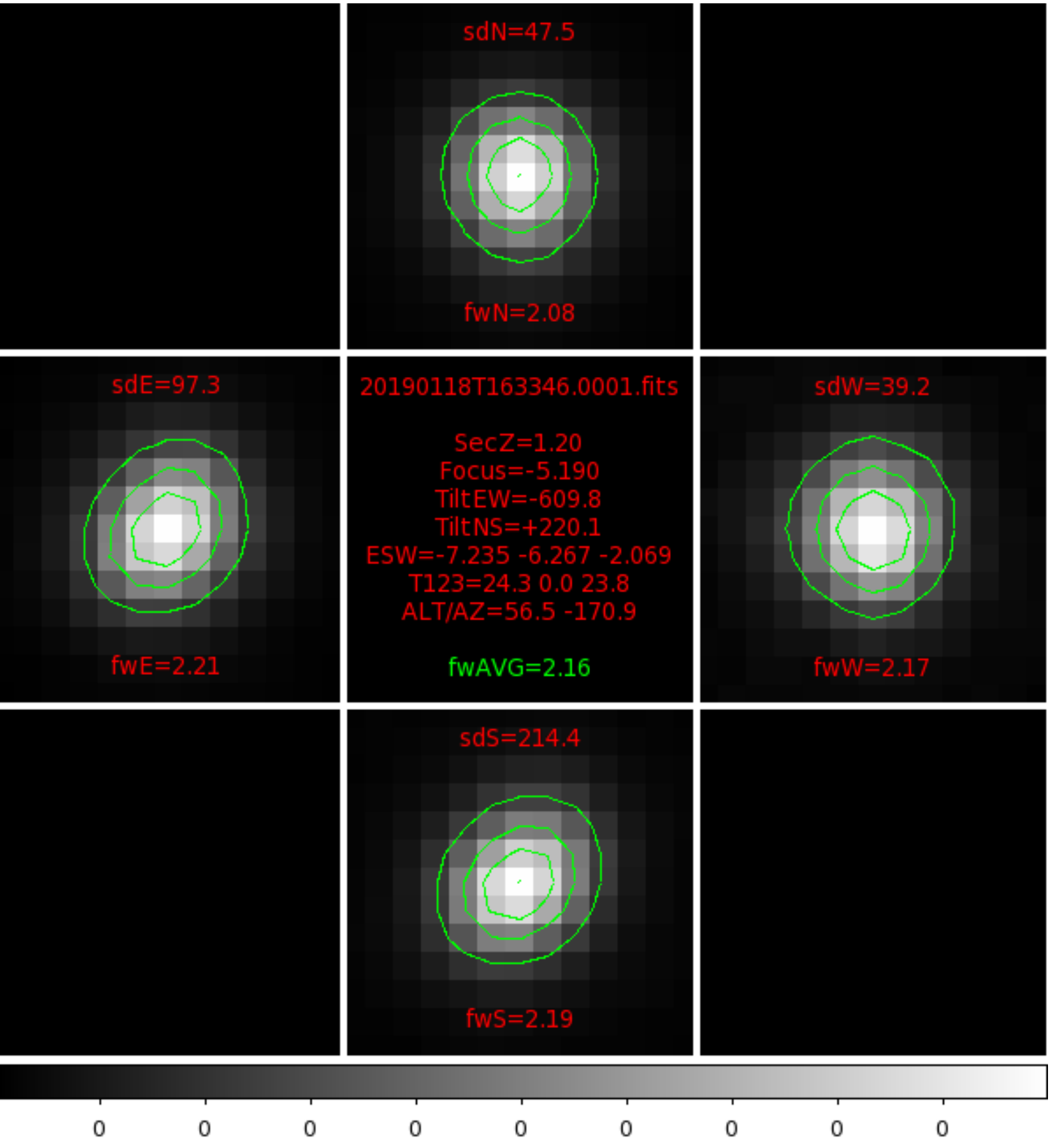
sdN=47.5
fwN=2.08
sdE=97.3
fwE=2.21
20190118T163346.0001.fits
SecZ=1.20
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 0.0 23.8
ALT/AZ=56.5 -170.9
fwAVG=2.16
sdW=39.2
fwW=2.17
sdS=214.4
fwS=2.19
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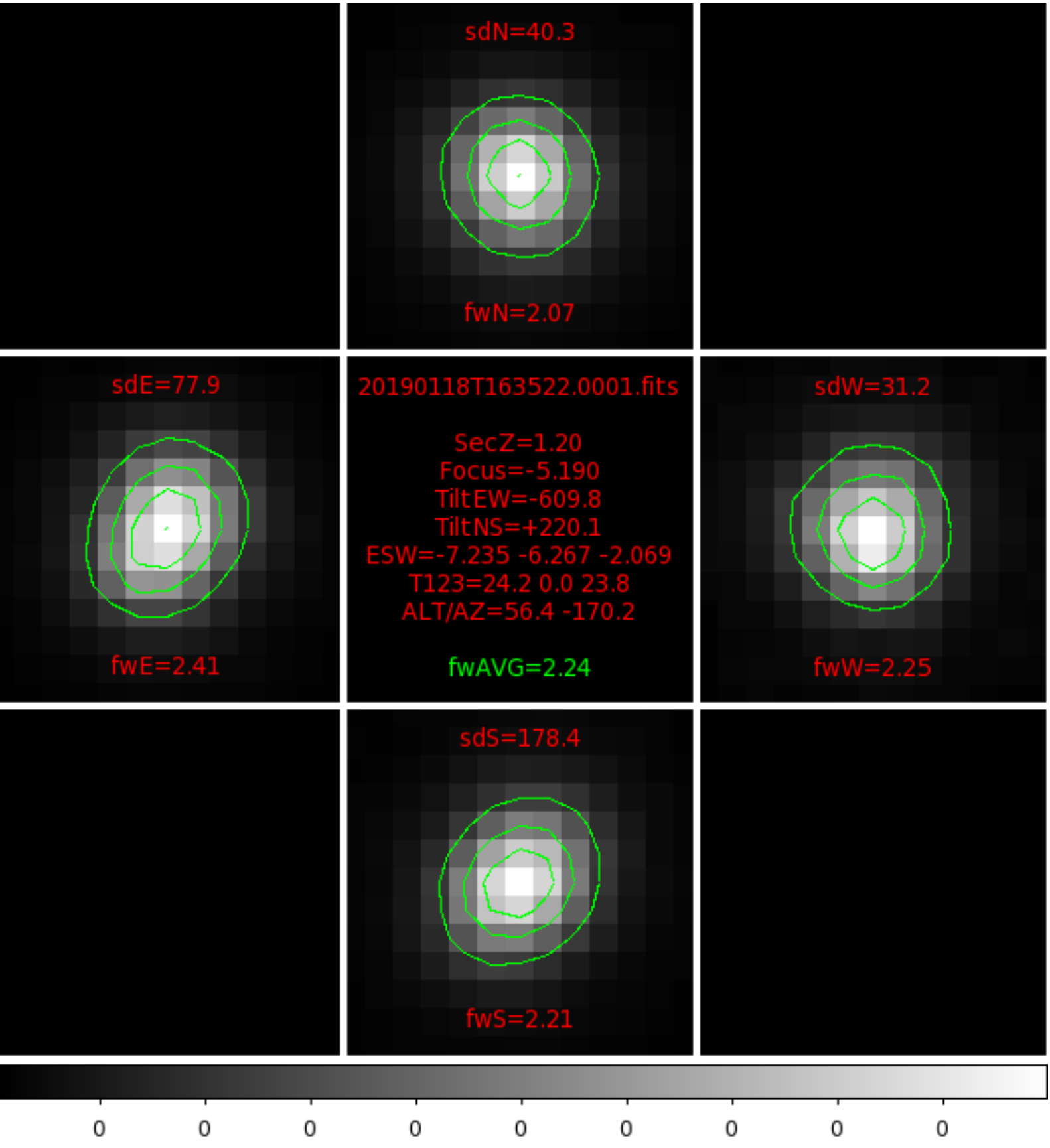
sdN=40.3
fwN=2.07
sdE=77.9
fwE=2.41
20190118T163522.0001.fits
SecZ=1.20
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.2 0.0 23.8
ALT/AZ=56.4 -170.2
fwAVG=2.24
sdW=31.2
fwW=2.25
sdS=178.4
fwS=2.21
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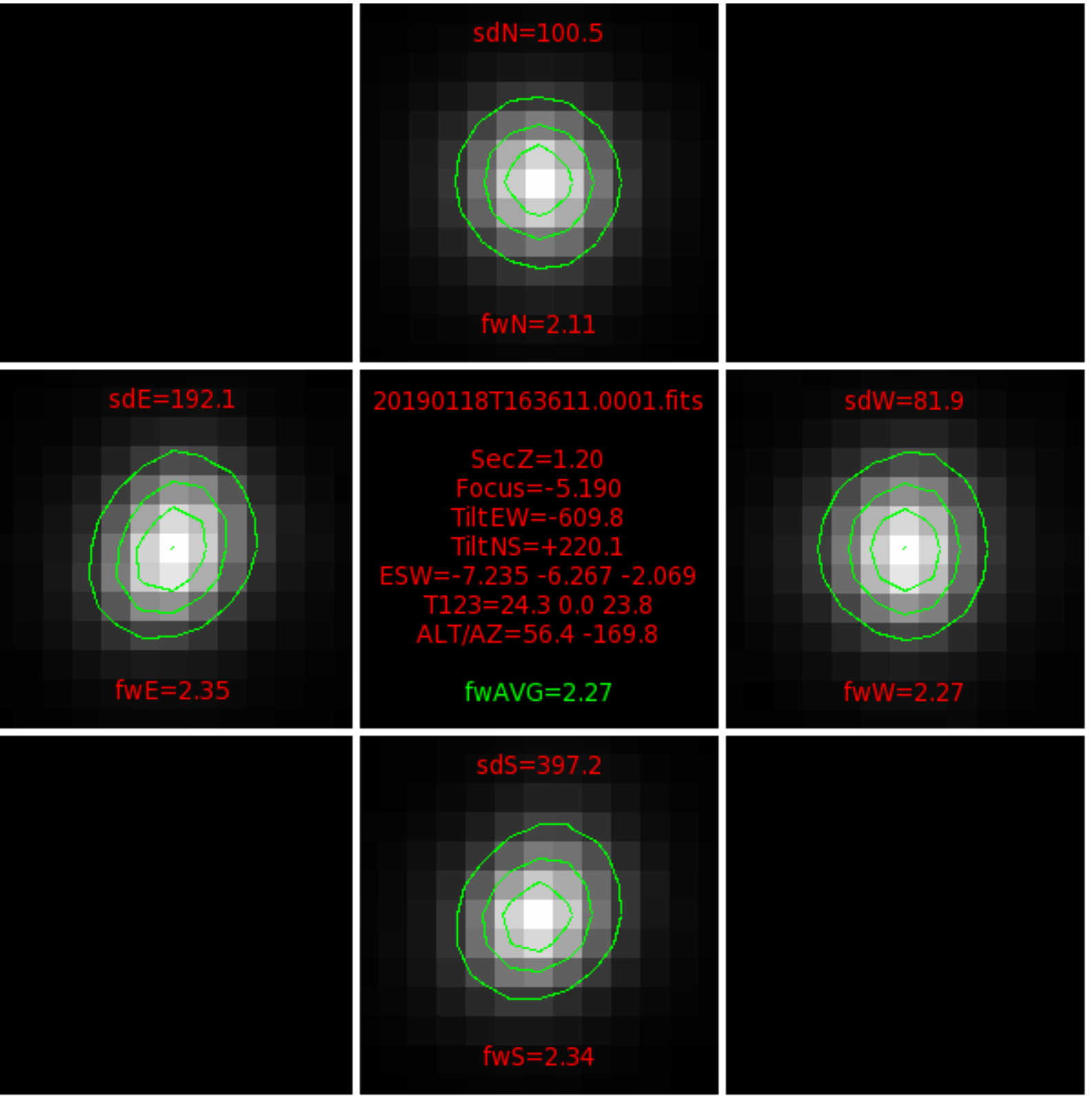
sdN=100.5
fwN=2.11
sdE=192.1
fwE=2.35
20190118T163611.0001.fits
SecZ=1.20
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 0.0 23.8
ALT/AZ=56.4 -169.8
fwAVG=2.27
sdW=81.9
fwW=2.27
sdS=397.2
fwS=2.34
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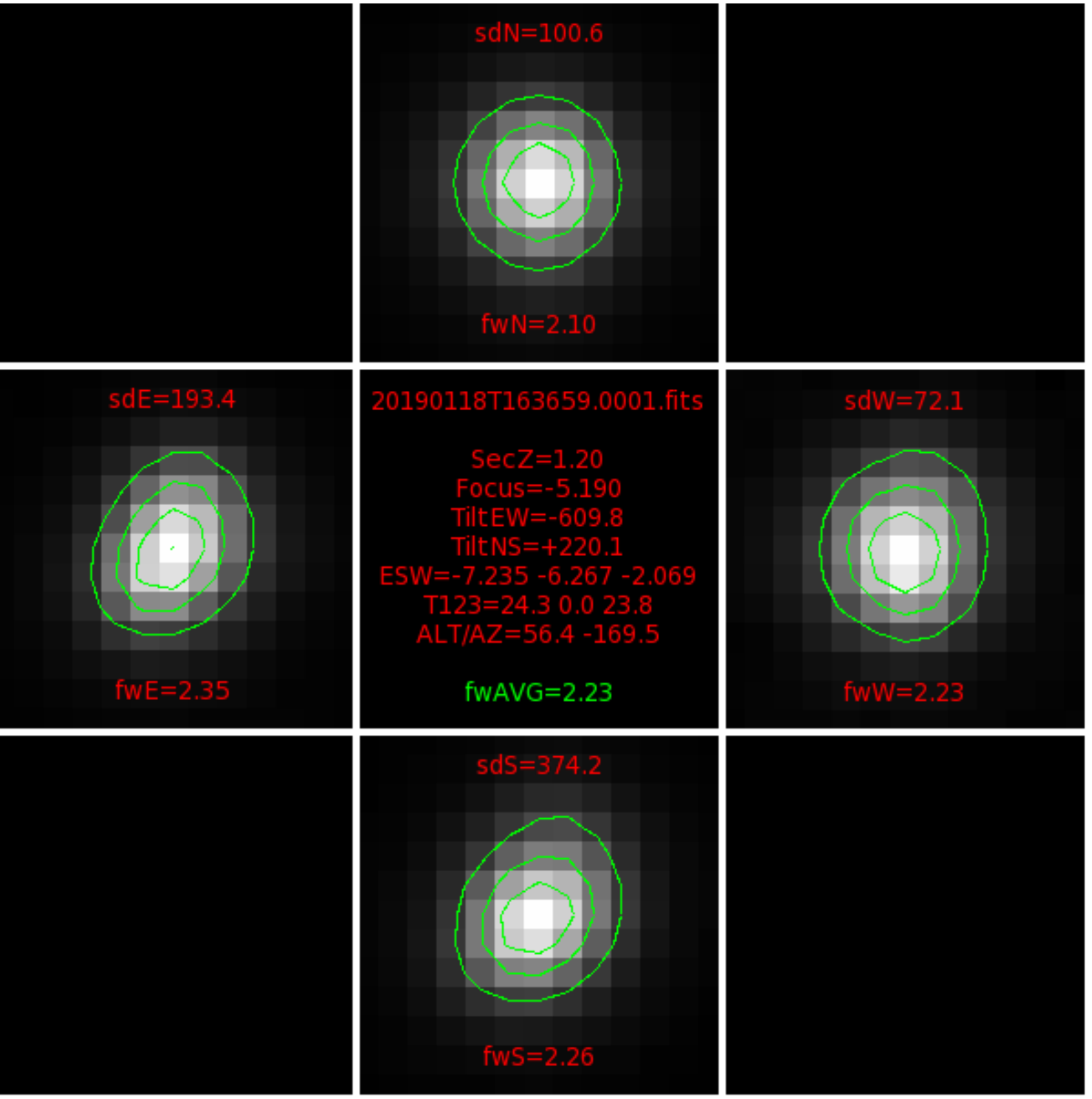
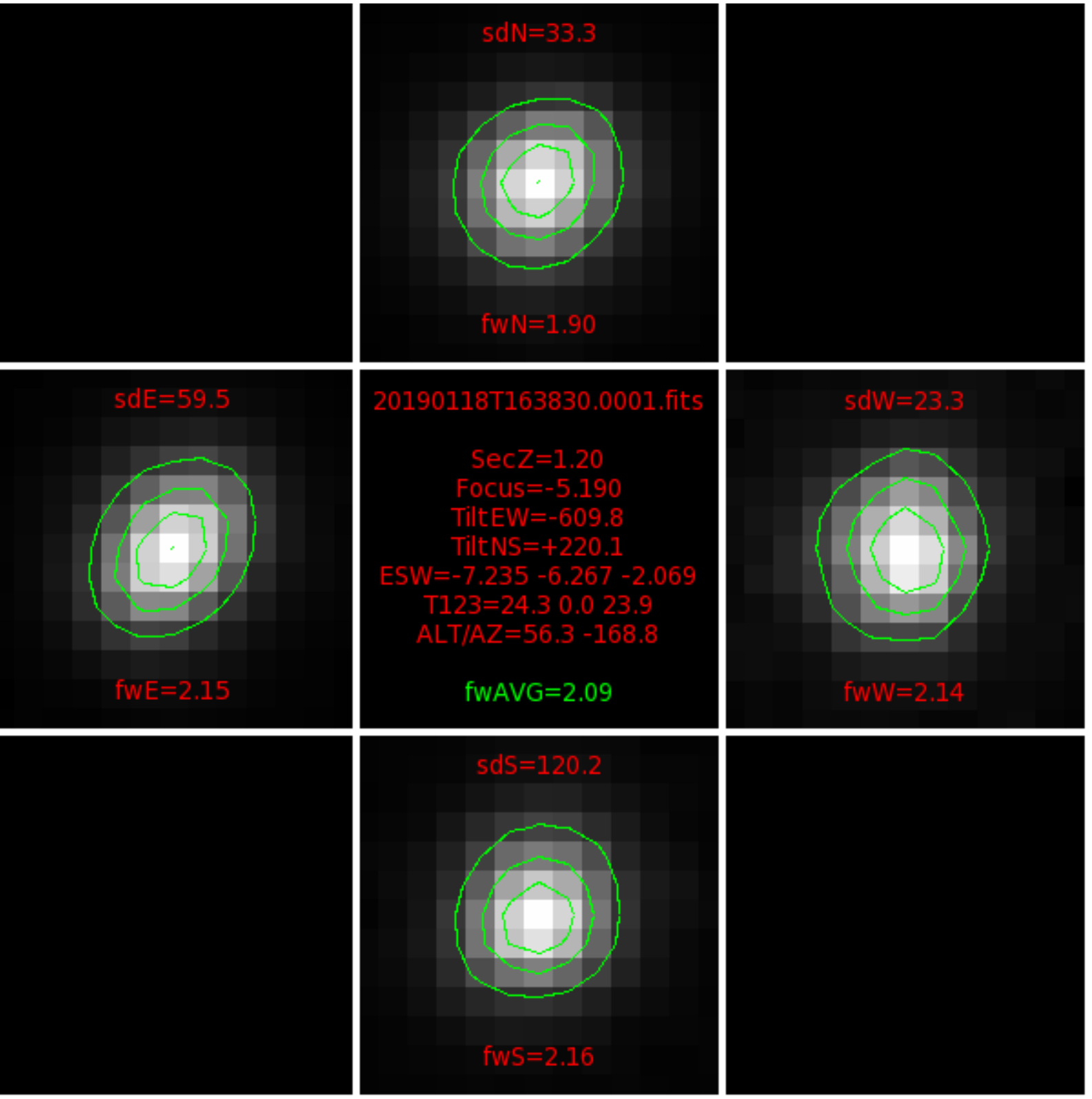

sdN=100.6
fwN=2.10
sdE=193.4
fwE=2.35
20190118T163659.0001.fits
SecZ=1.20
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 0.0 23.8
ALT/AZ=56.4 -169.5
fwAVG=2.23
sdW=72.1
fwW=2.23
sdS=374.2
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=33.3
fwN=1.90
sdE=59.5
fwE=2.15
20190118T163830.0001.fits
SecZ=1.20
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 0.0 23.9
ALT/AZ=56.3 -168.8
fwAVG=2.09
sdW=23.3
fwW=2.14
sdS=120.2
fwS=2.16
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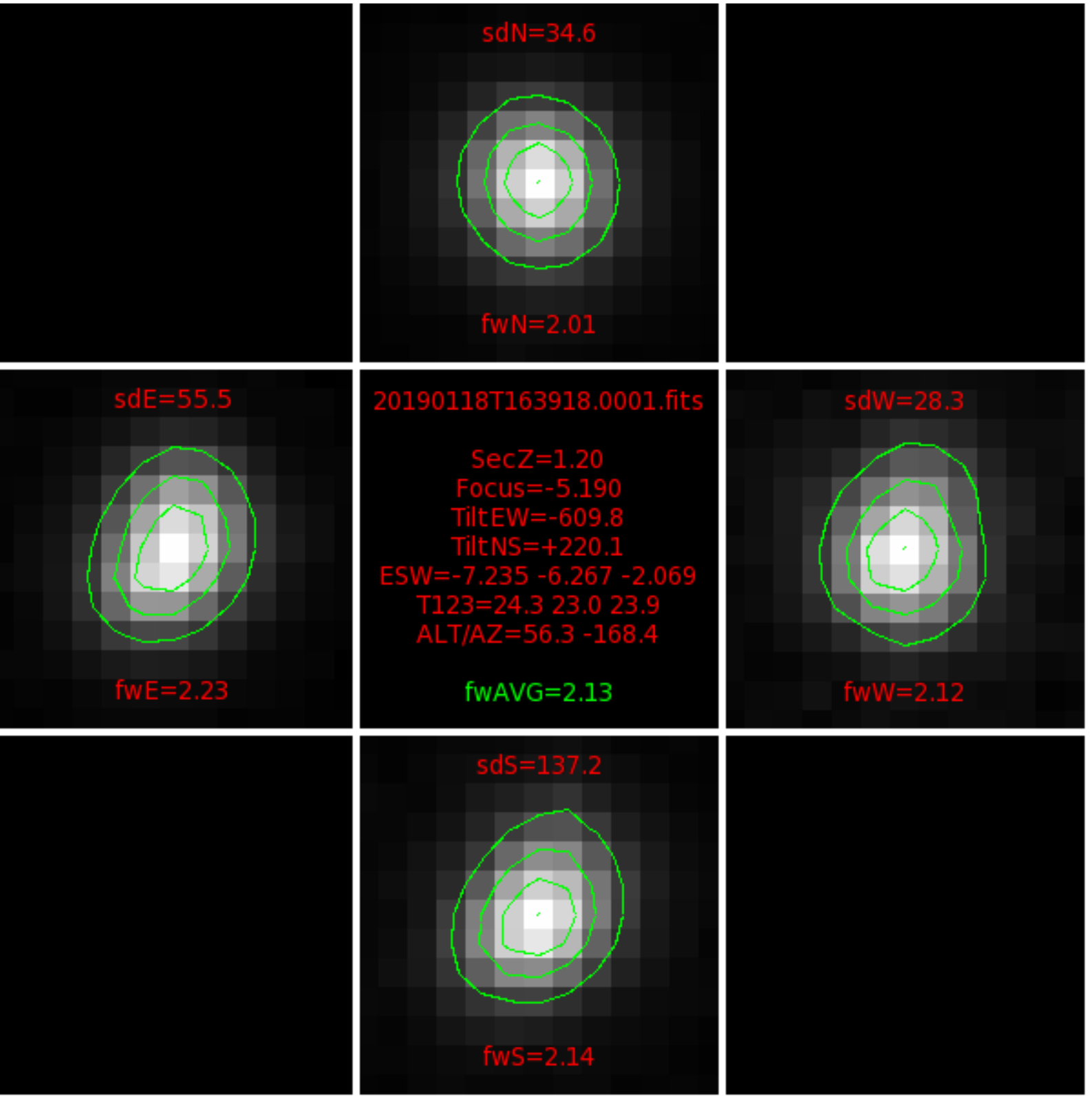
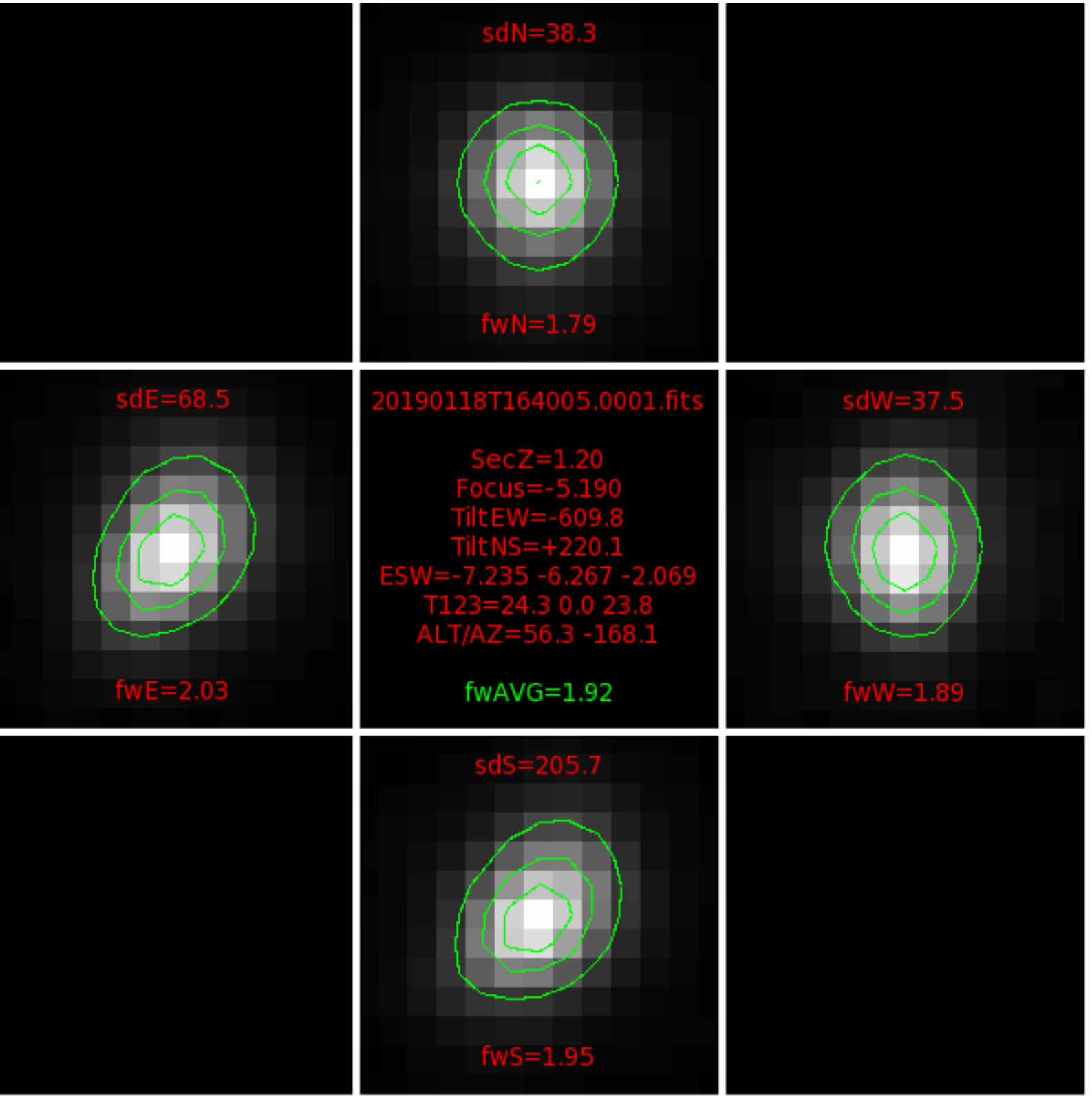

sdN=34.6
fwN=2.01
sdE=55.5
fwE=2.23
20190118T163918.0001.fits
SecZ=1.20
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 23.0 23.9
ALT/AZ=56.3 -168.4
fwAVG=2.13
sdW=28.3
fwW=2.12
sdS=137.2
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=38.3
fwN=1.79
sdE=68.5
fwE=2.03
20190118T164005.0001.fits
SecZ=1.20
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 0.0 23.8
ALT/AZ=56.3 -168.1
fwAVG=1.92
sdW=37.5
fwW=1.89
sdS=205.7
fwS=1.95
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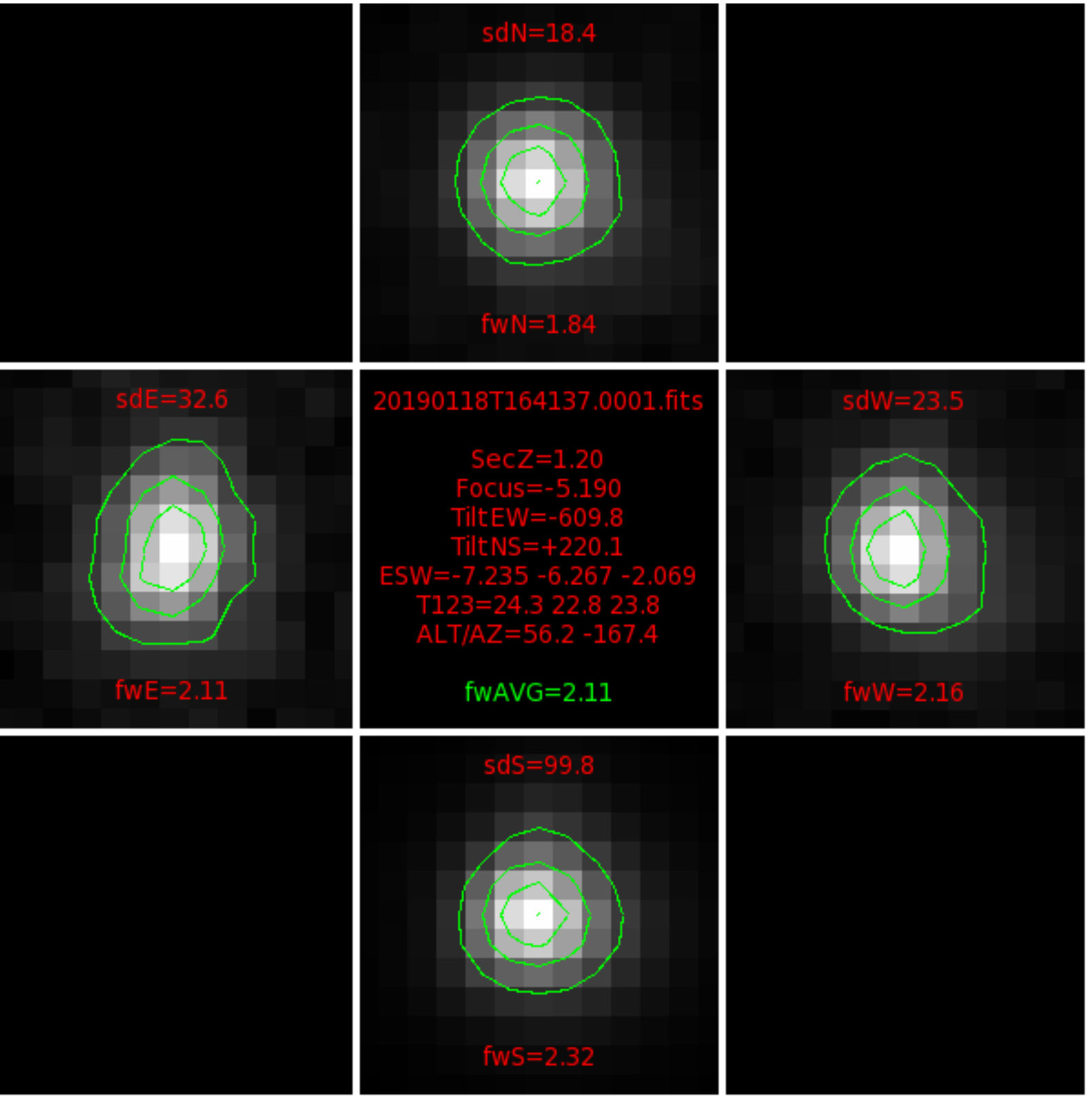
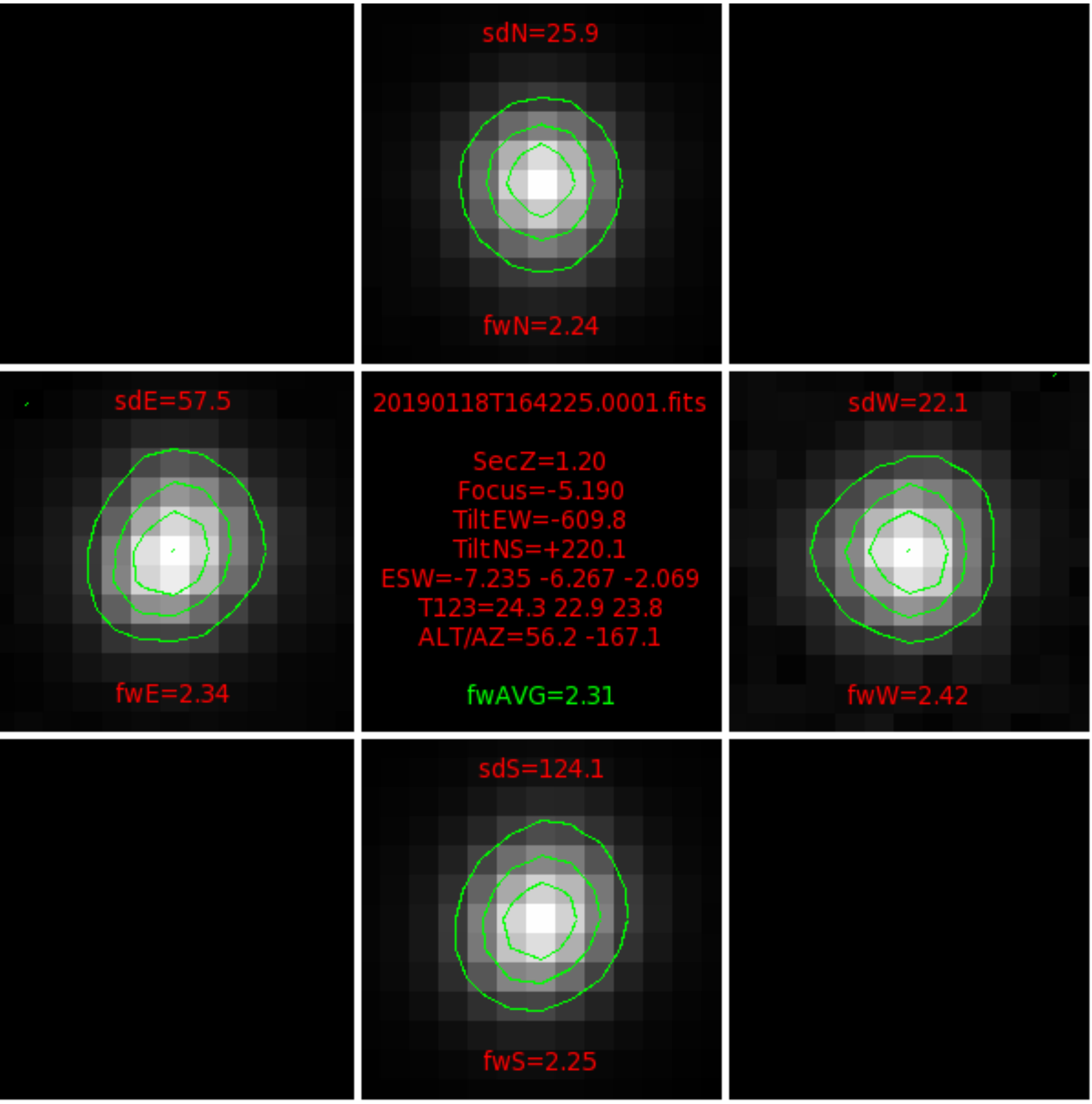
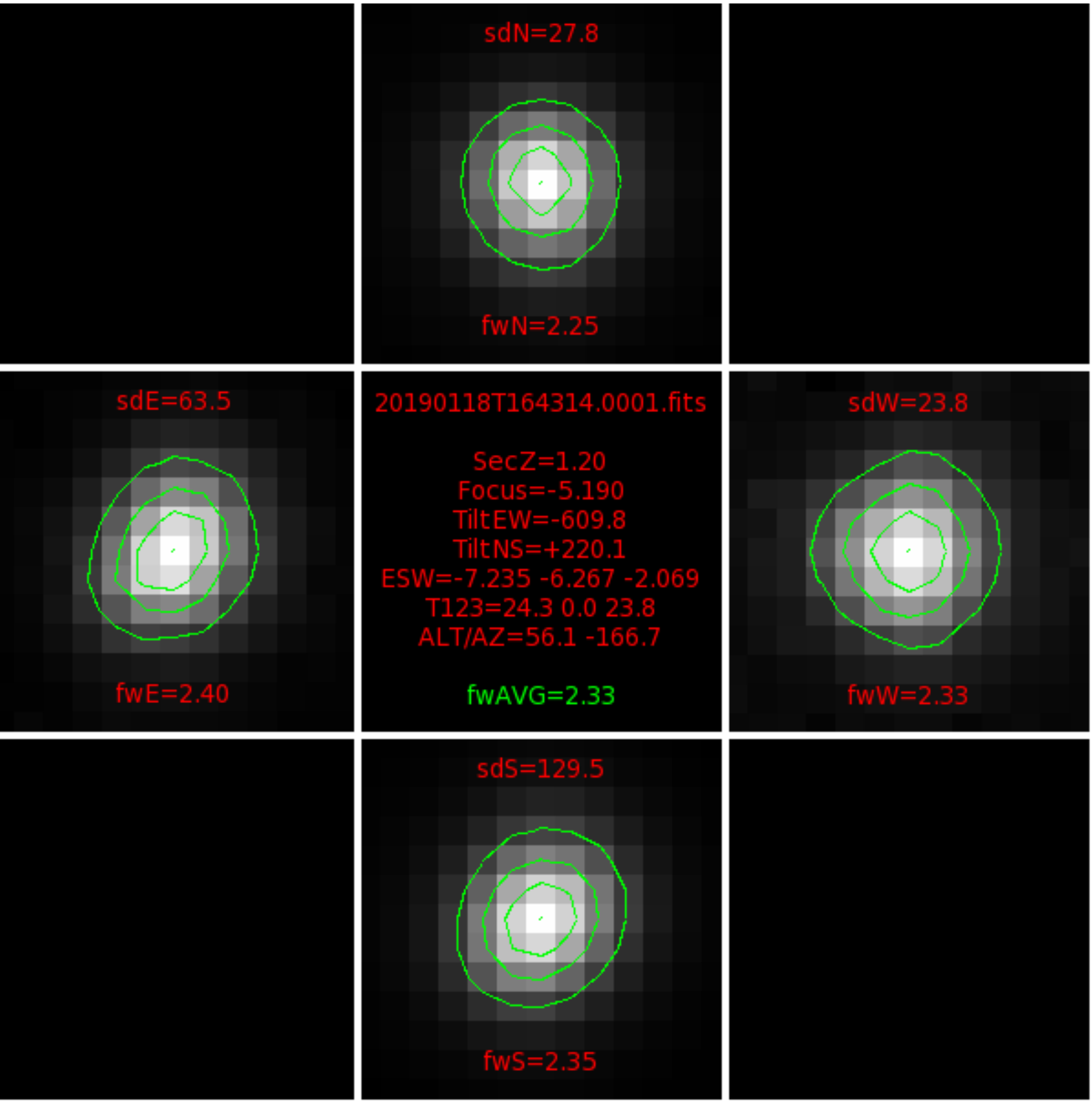
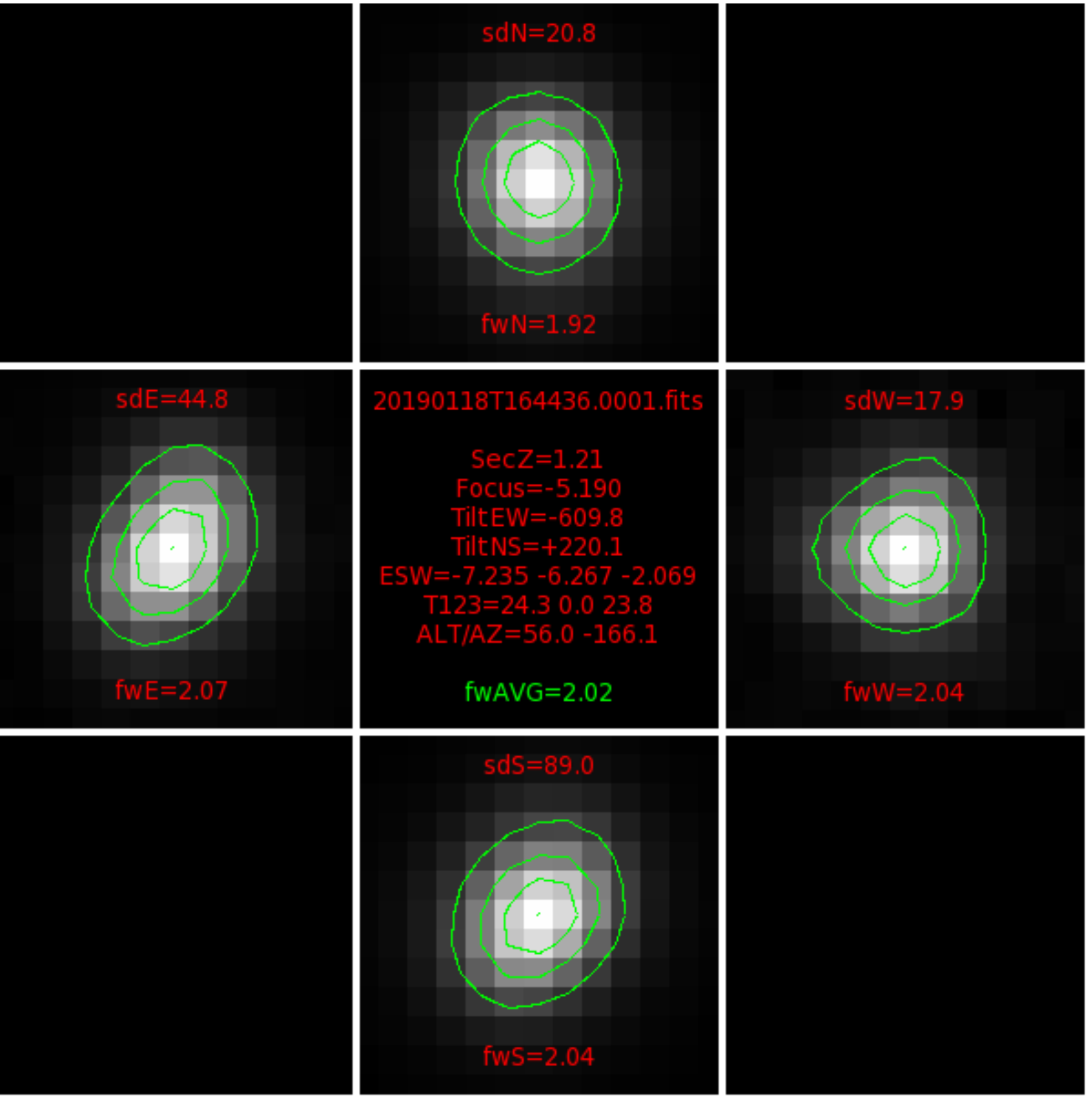
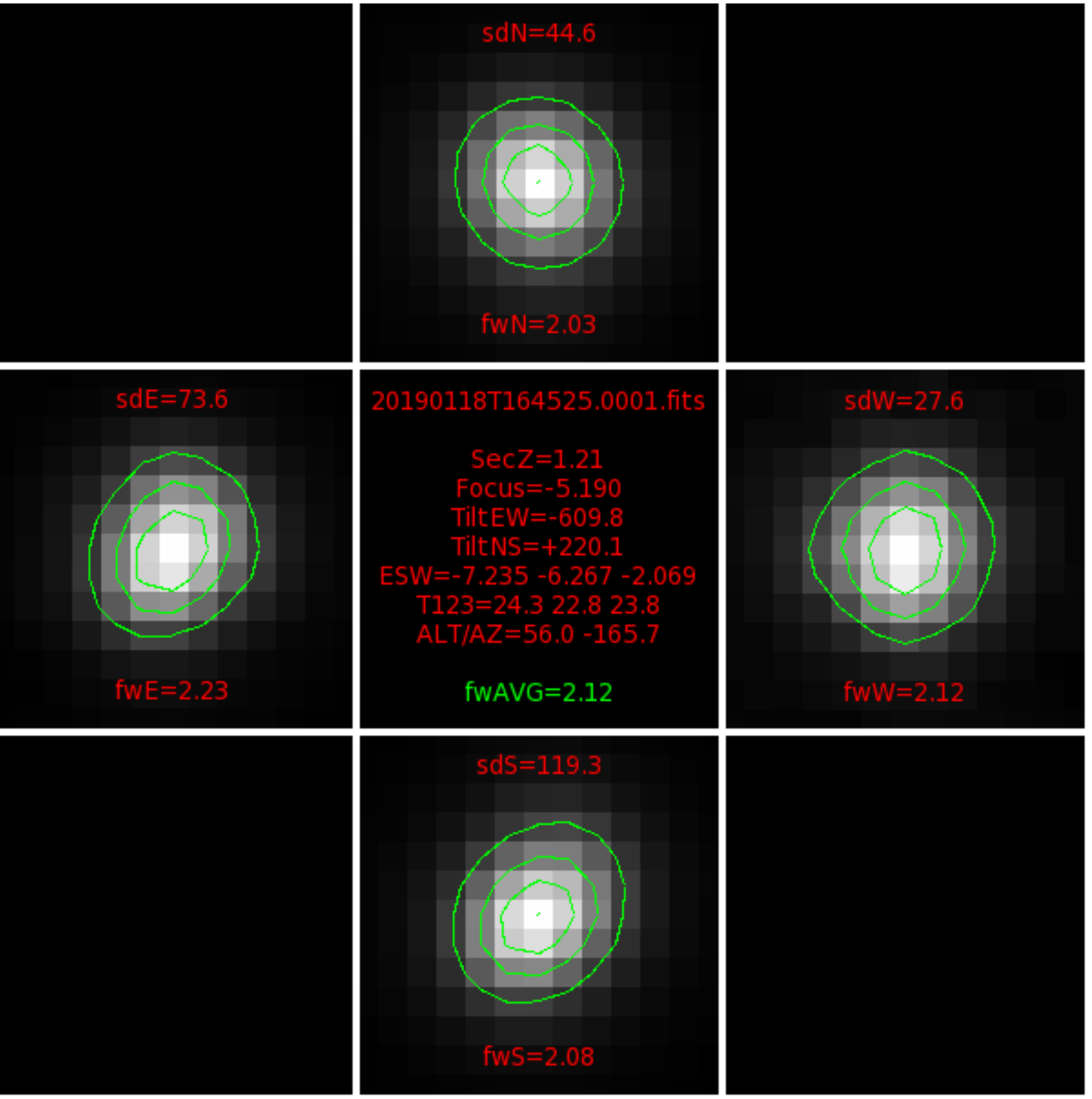

sdN=18.4
fwN=1.84
sdE=32.6
fwE=2.11
20190118T164137.0001.fits
SecZ=1.20
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 22.8 23.8
ALT/AZ=56.2 -167.4
fwAVG=2.11
sdW=23.5
fwW=2.16
sdS=99.8
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=25.9
fwN=2.24
sdE=57.5
fwE=2.34
20190118T164225.0001.fits
SecZ=1.20
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 22.9 23.8
ALT/AZ=56.2 -167.1
fwAVG=2.31
sdW=22.1
fwW=2.42
sdS=124.1
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=27.8
fwN=2.25
sdE=63.5
fwE=2.40
20190118T164314.0001.fits
SecZ=1.20
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 0.0 23.8
ALT/AZ=56.1 -166.7
fwAVG=2.33
sdW=23.8
fwW=2.33
sdS=129.5
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=20.8
fwN=1.92
sdE=44.8
fwE=2.07
20190118T164436.0001.fits
SecZ=1.21
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 0.0 23.8
ALT/AZ=56.0 -166.1
fwAVG=2.02
sdW=17.9
fwW=2.04
sdS=89.0
fwS=2.04
0 0 0 0 0 0 0 0 0


sdN=44.6
fwN=2.03
sdE=73.6
fwE=2.23
20190118T164525.0001.fits
SecZ=1.21
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 22.8 23.8
ALT/AZ=56.0 -165.7
fwAVG=2.12
sdW=27.6
fwW=2.12
sdS=119.3
fwS=2.08
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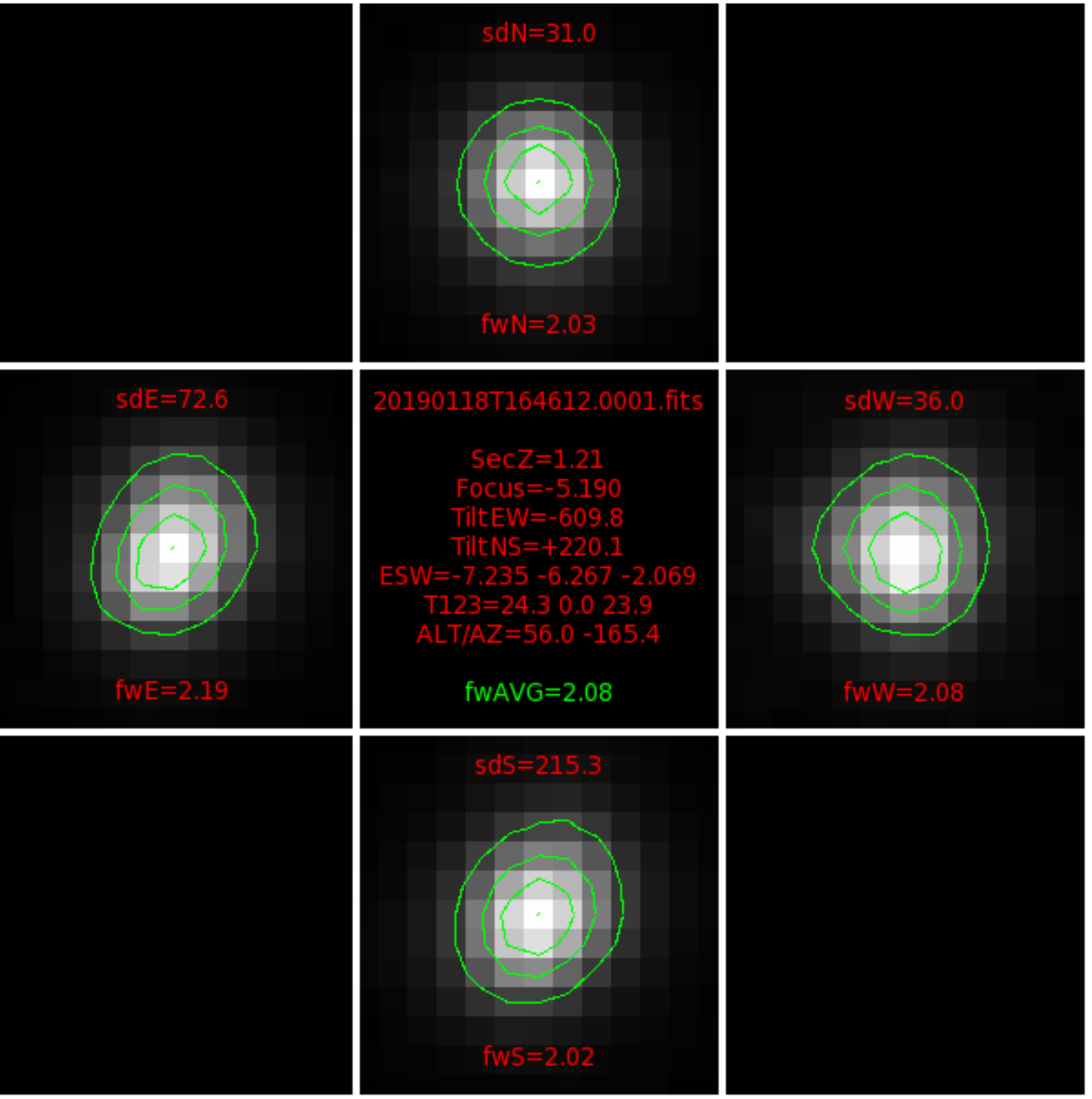
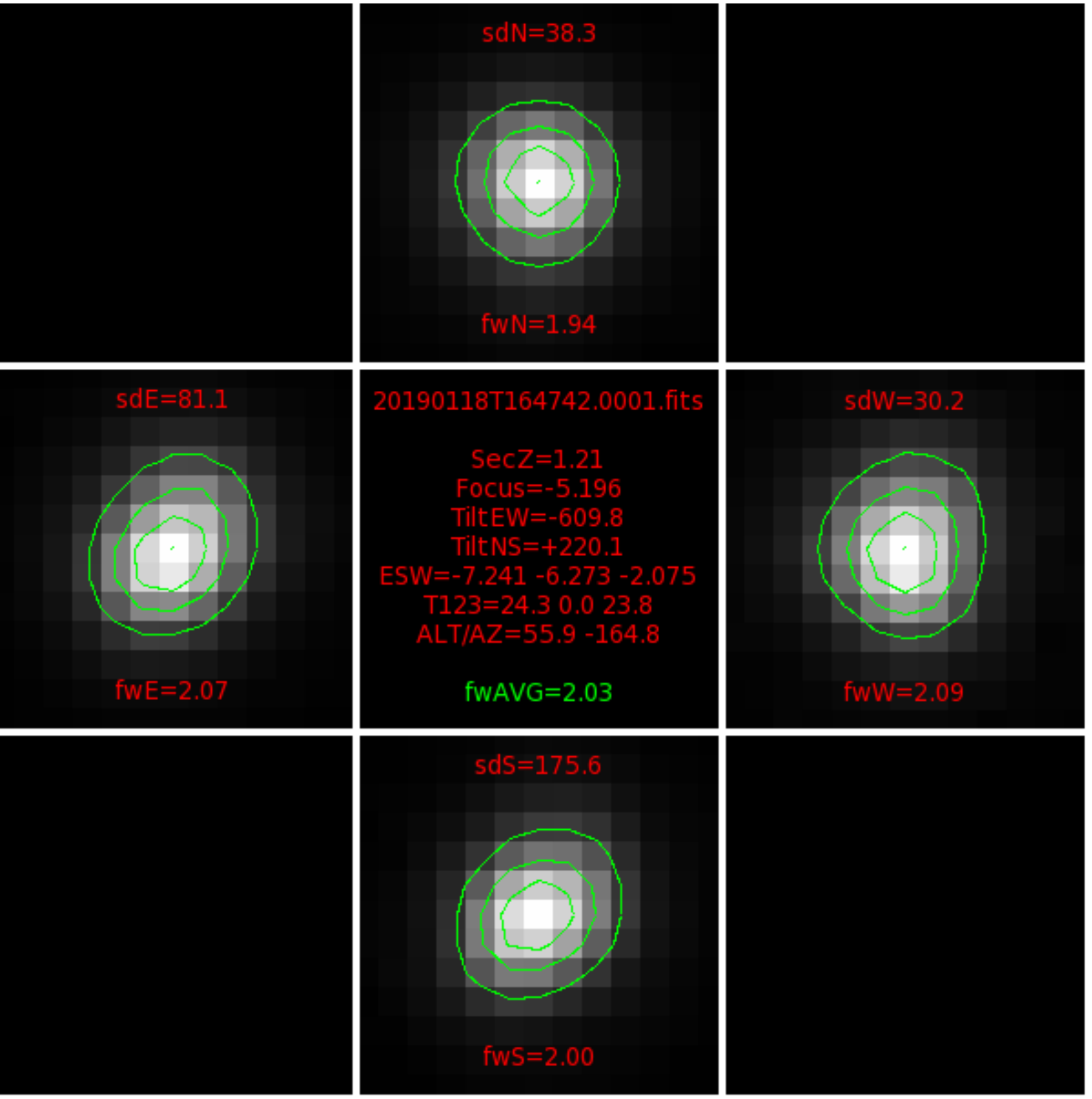
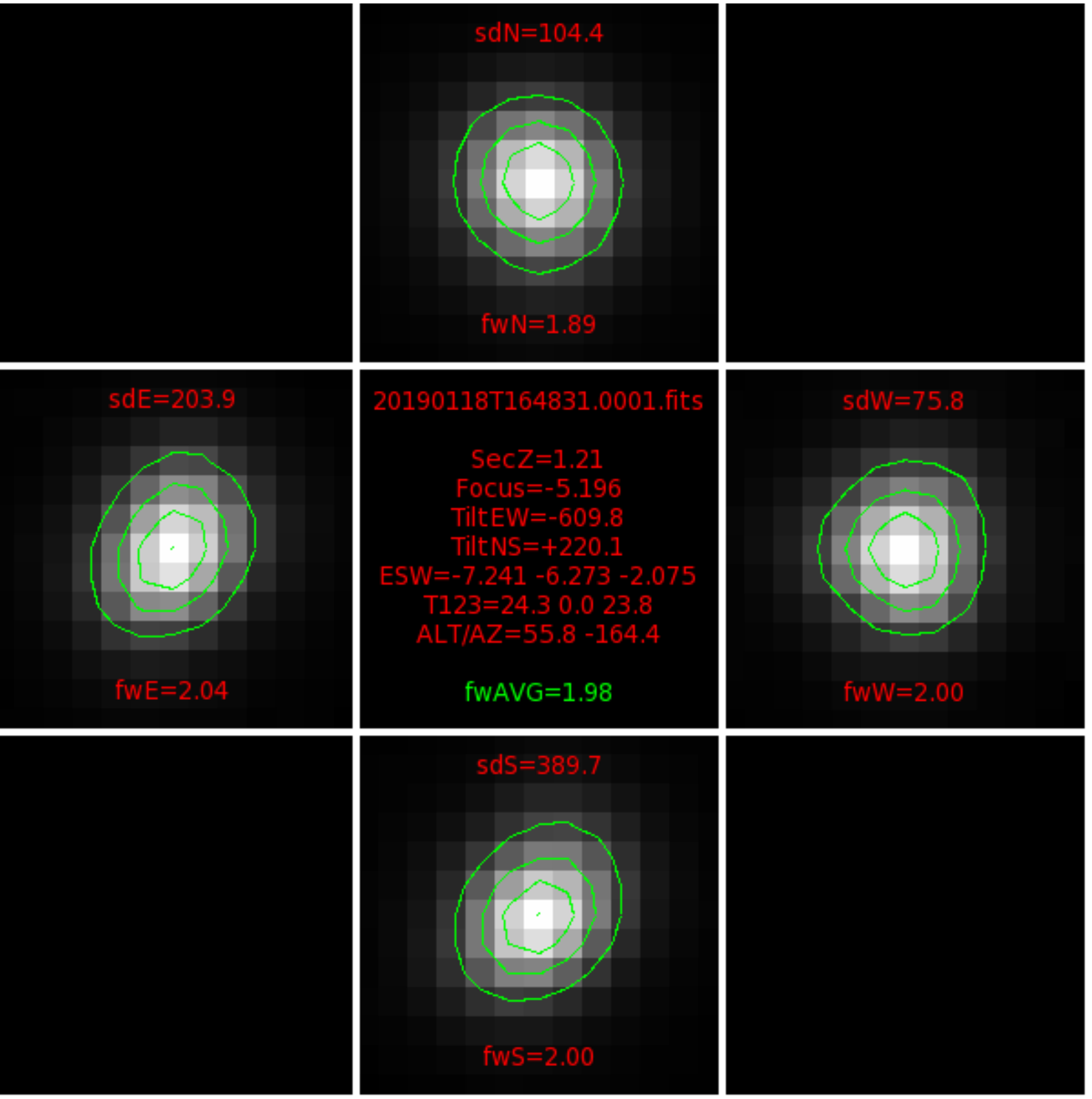

sdN=31.0
fwN=2.03
sdE=72.6
fwE=2.19
20190118T164612.0001.fits
SecZ=1.21
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 0.0 23.9
ALT/AZ=56.0 -165.4
fwAVG=2.08
sdW=36.0
fwW=2.08
sdS=215.3
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=38.3
fwN=1.94
sdE=81.1
fwE=2.07
20190118T164742.0001.fits
SecZ=1.21
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.3 0.0 23.8
ALT/AZ=55.9 -164.8
fwAVG=2.03
sdW=30.2
fwW=2.09
sdS=175.6
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=104.4
fwN=1.89
sdE=203.9
fwE=2.04
20190118T164831.0001.fits
SecZ=1.21
Focus=-5.196
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.241 -6.273 -2.075
T123=24.3 0.0 23.8
ALT/AZ=55.8 -164.4
fwAVG=1.98
sdW=75.8
fwW=2.00
sdS=389.7
fwS=2.00
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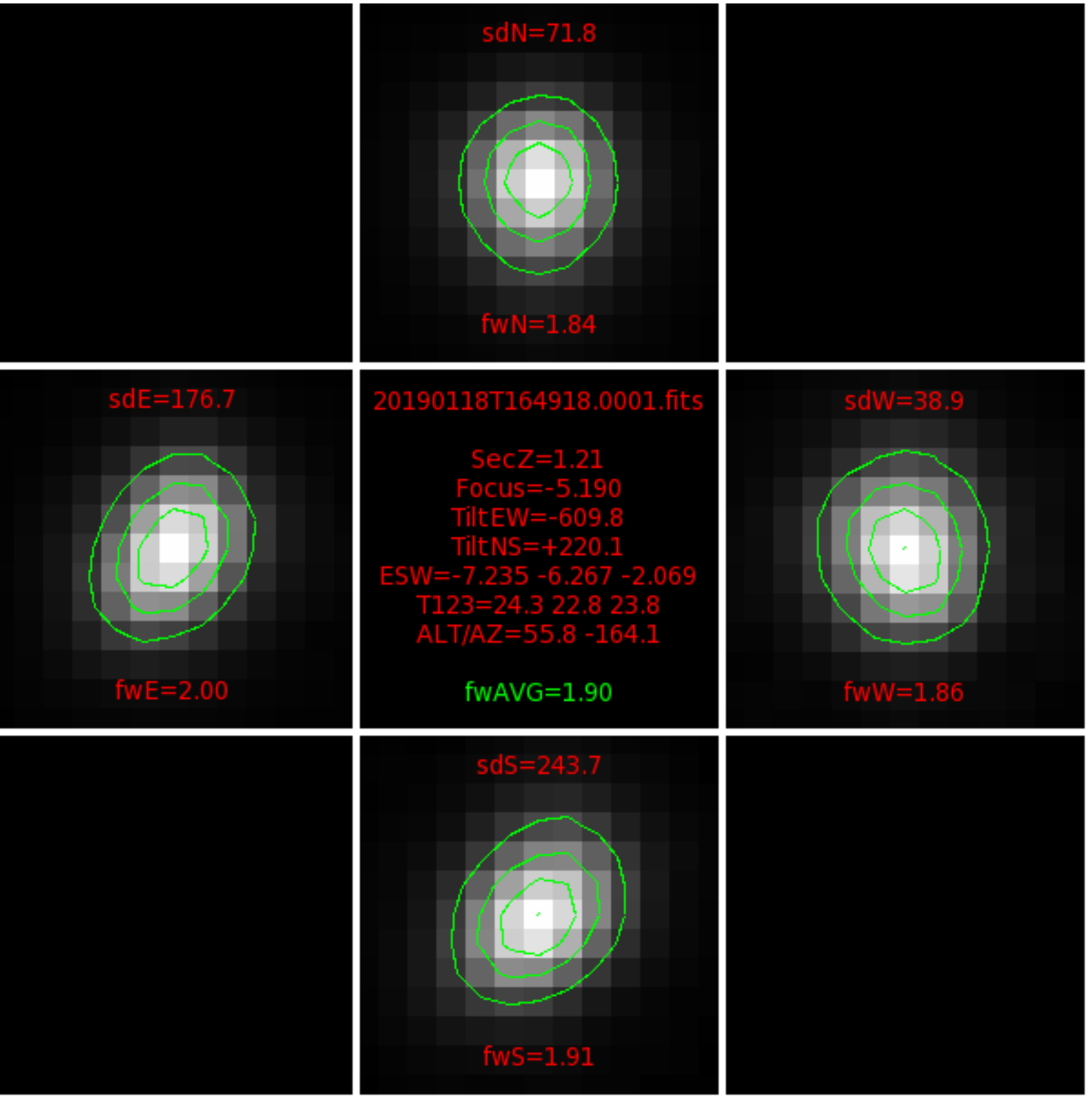
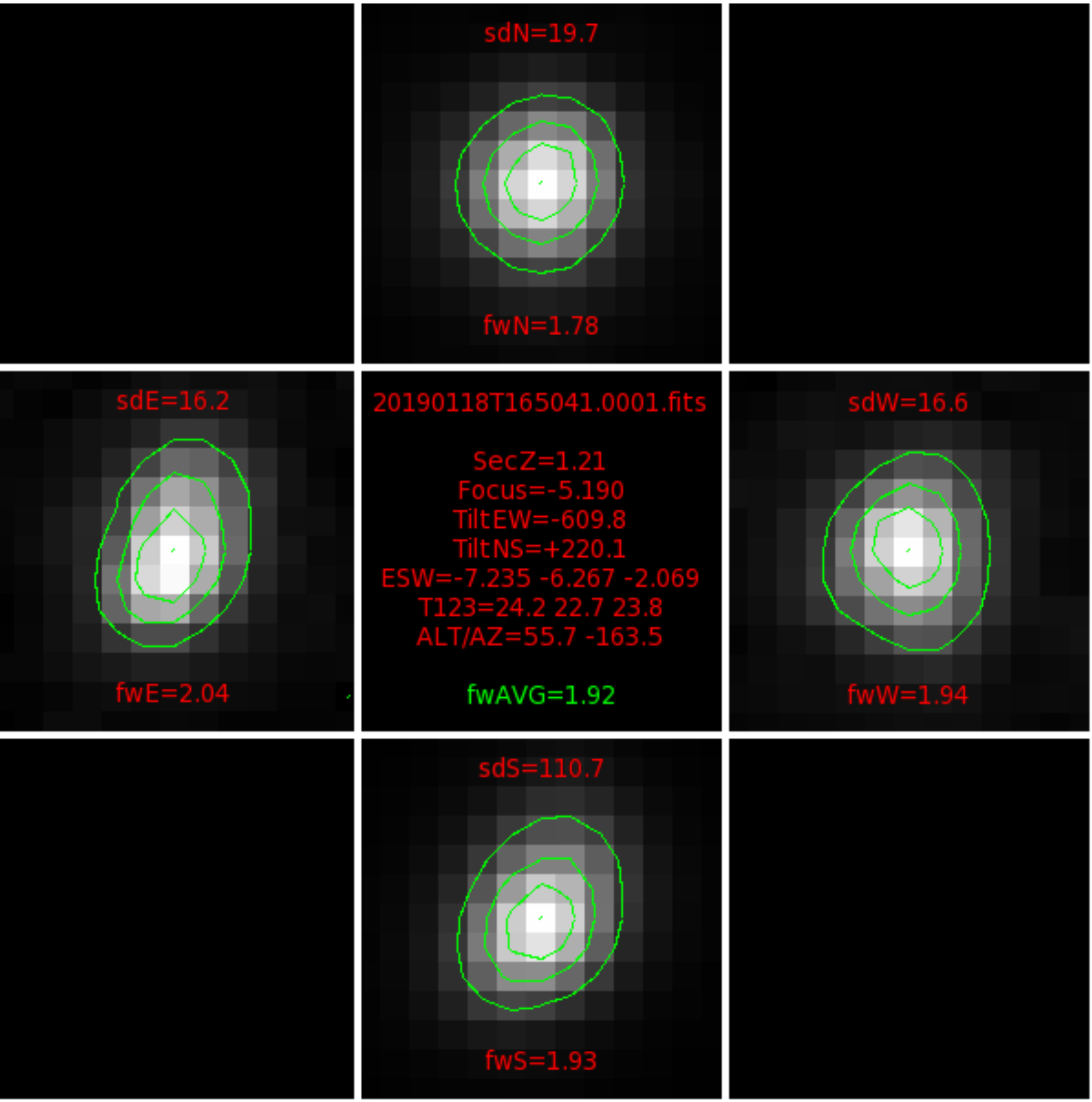
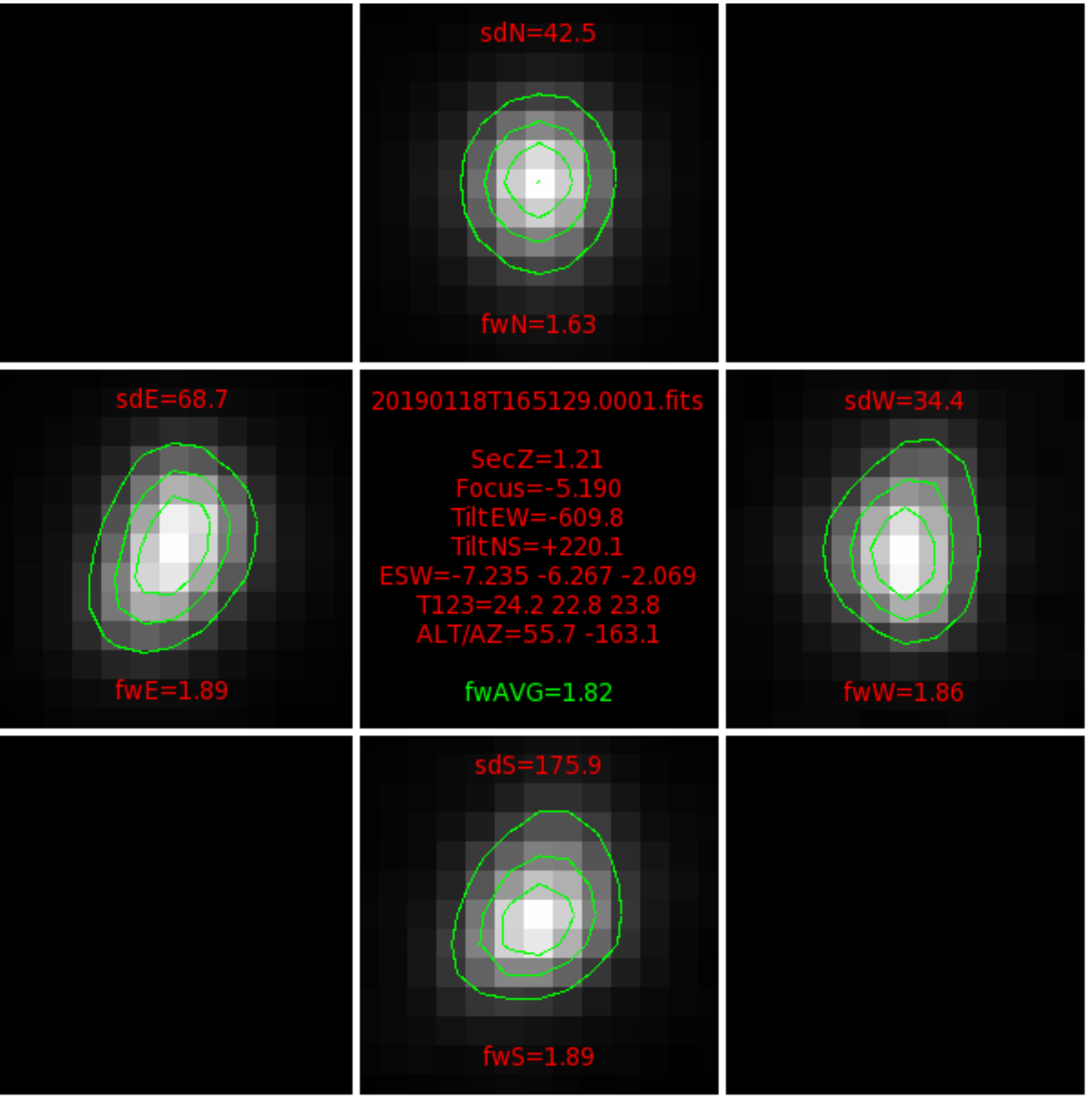
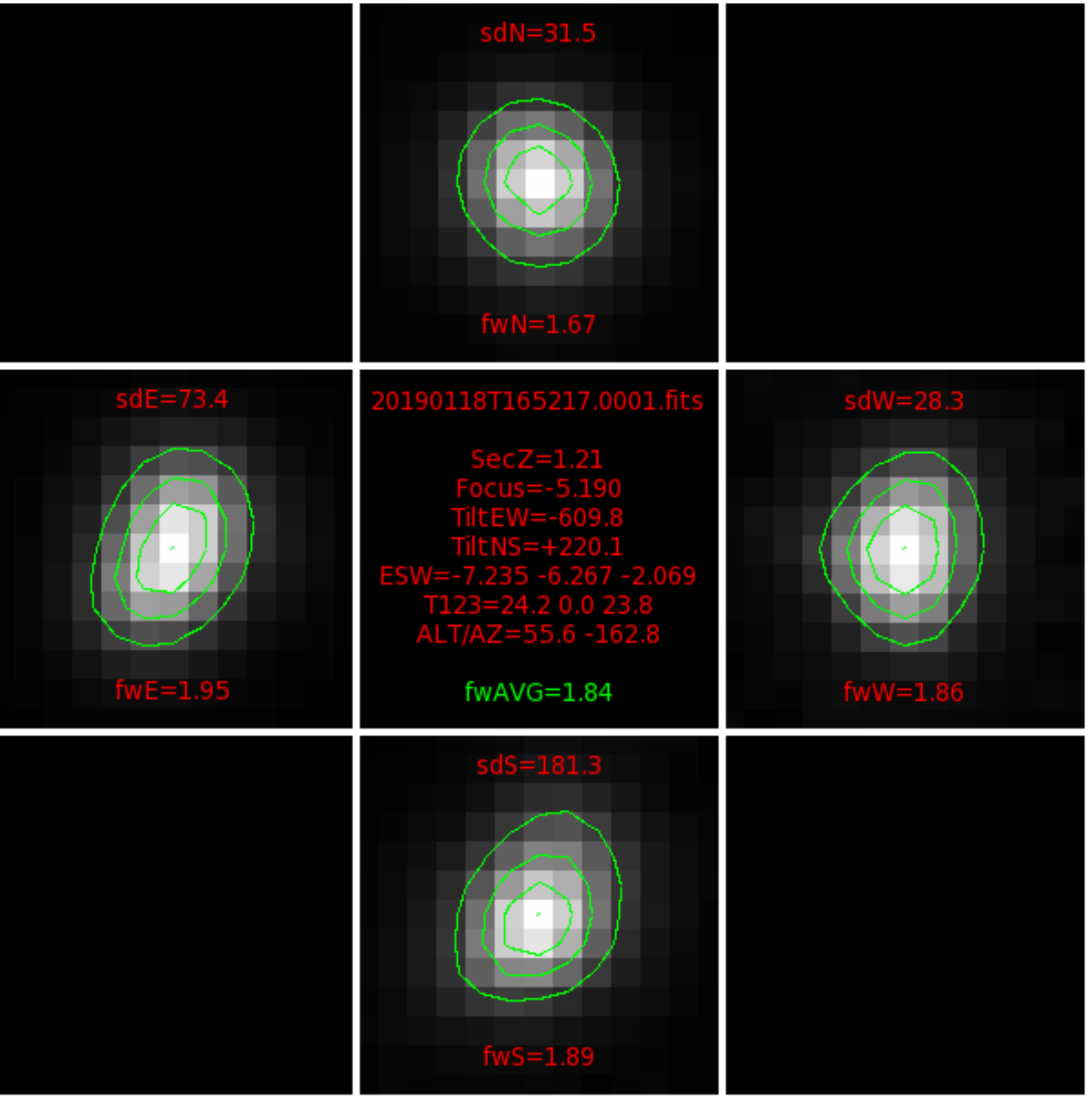
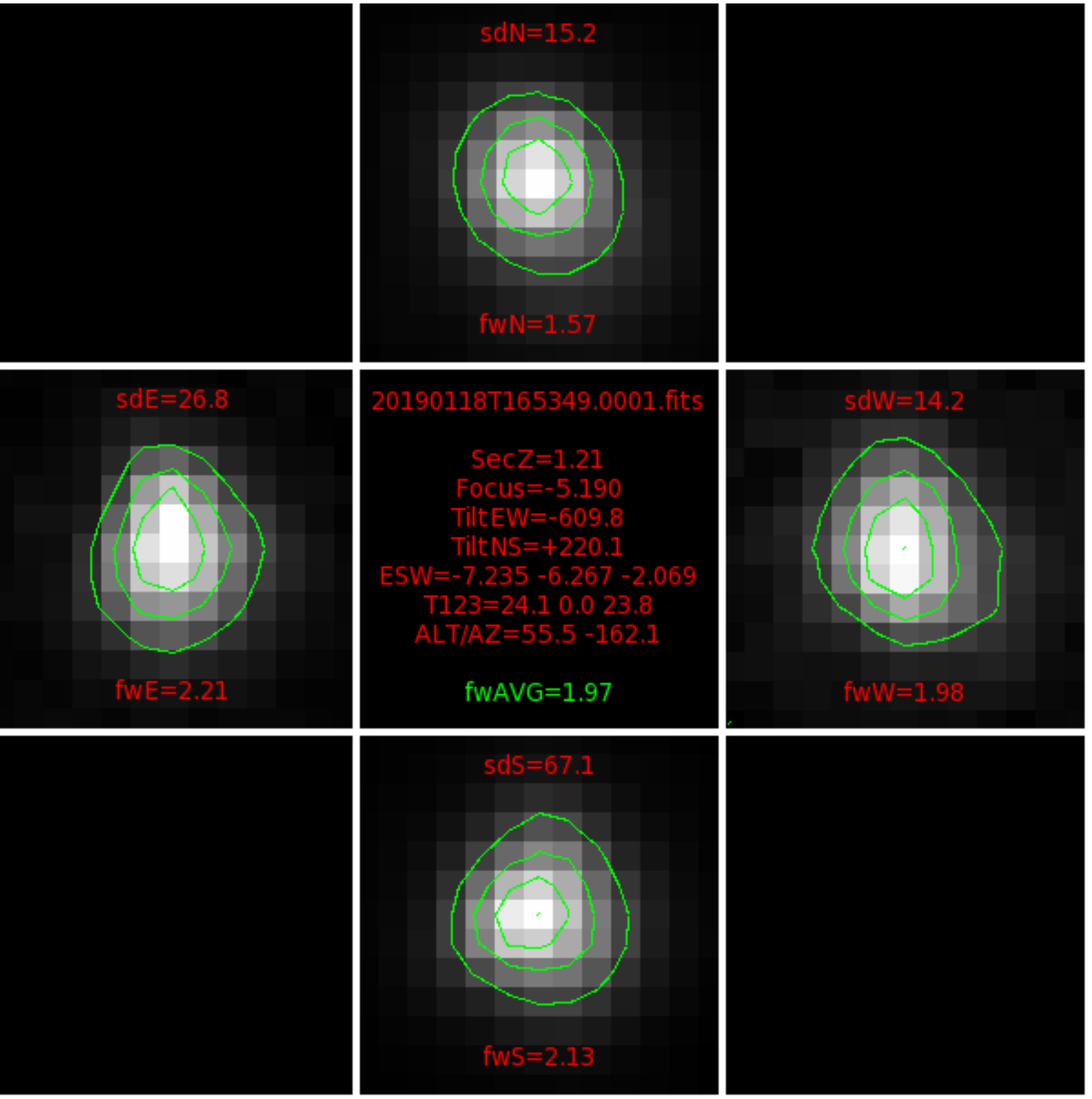

sdN=71.8
fwN=1.84
sdE=176.7
fwE=2.00
20190118T164918.0001.fits
SecZ=1.21
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.3 22.8 23.8
ALT/AZ=55.8 -164.1
fwAVG=1.90
sdW=38.9
fwW=1.86
sdS=243.7
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=19.7
fwN=1.78
sdE=16.2
fwE=2.04
20190118T165041.0001.fits
SecZ=1.21
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.2 22.7 23.8
ALT/AZ=55.7 -163.5
fwAVG=1.92
sdW=16.6
fwW=1.94
sdS=110.7
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=42.5
fwN=1.63
sdE=68.7
fwE=1.89
20190118T165129.0001.fits
SecZ=1.21
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.2 22.8 23.8
ALT/AZ=55.7 -163.1
fwAVG=1.82
sdW=34.4
fwW=1.86
sdS=175.9
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=31.5
fwN=1.67
sdE=73.4
fwE=1.95
20190118T165217.0001.fits
SecZ=1.21
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.2 0.0 23.8
ALT/AZ=55.6 -162.8
fwAVG=1.84
sdW=28.3
fwW=1.86
sdS=181.3
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=15.2
fwN=1.57
sdE=26.8
fwE=2.21
20190118T165349.0001.fits
SecZ=1.21
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 0.0 23.8
ALT/AZ=55.5 -162.1
fwAVG=1.97
sdW=14.2
fwW=1.98
sdS=67.1
fwS=2.13
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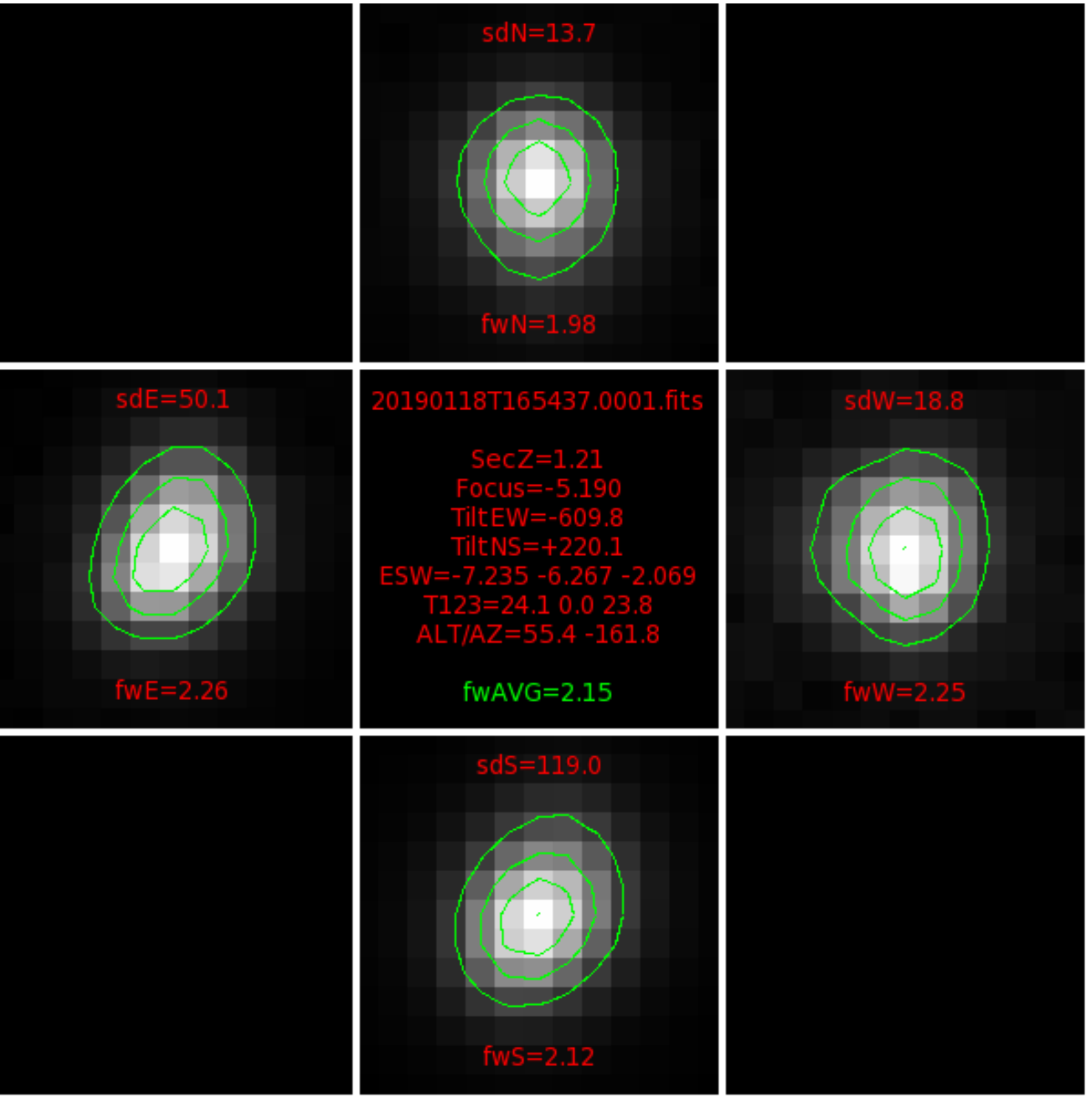
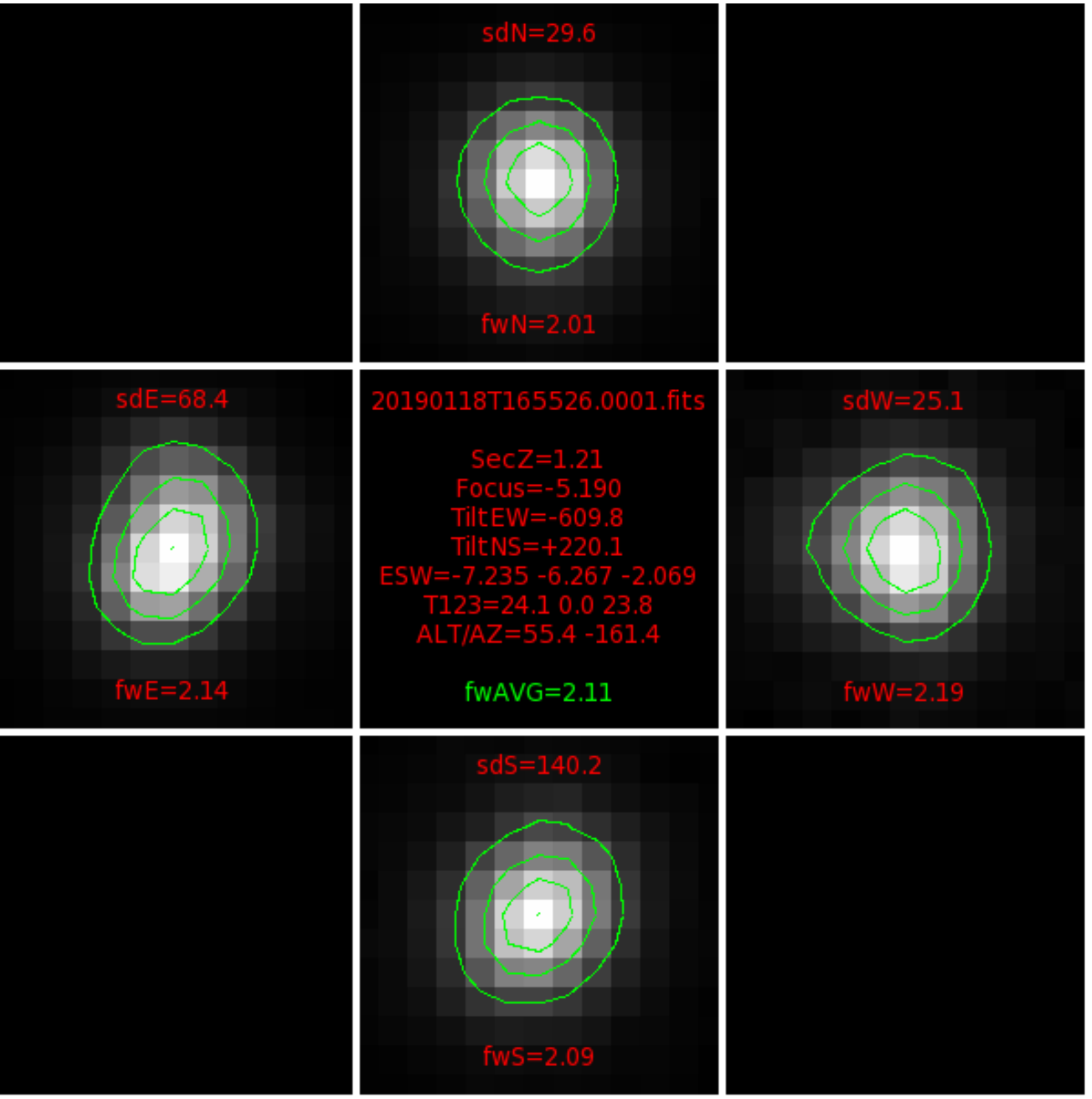
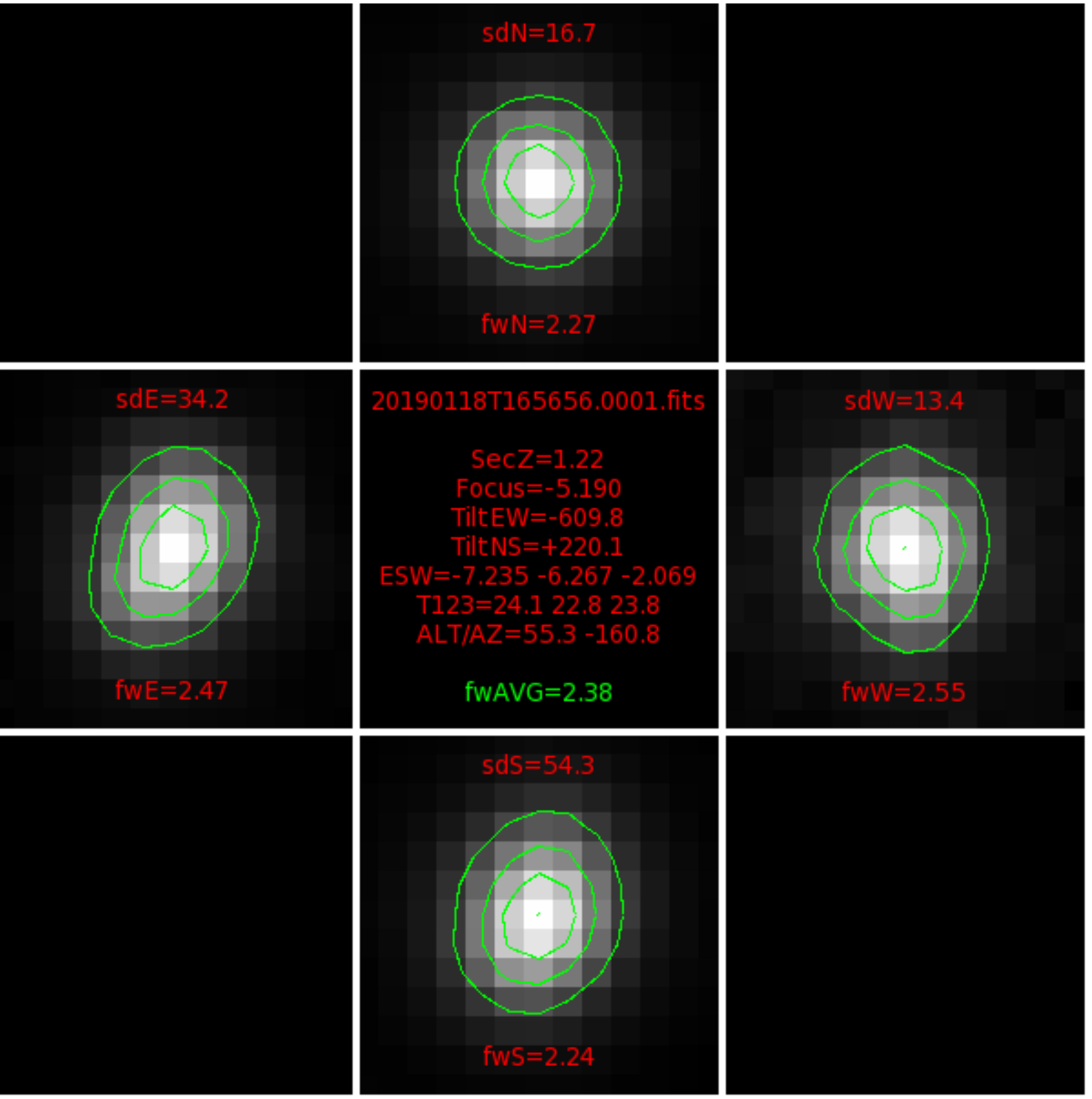
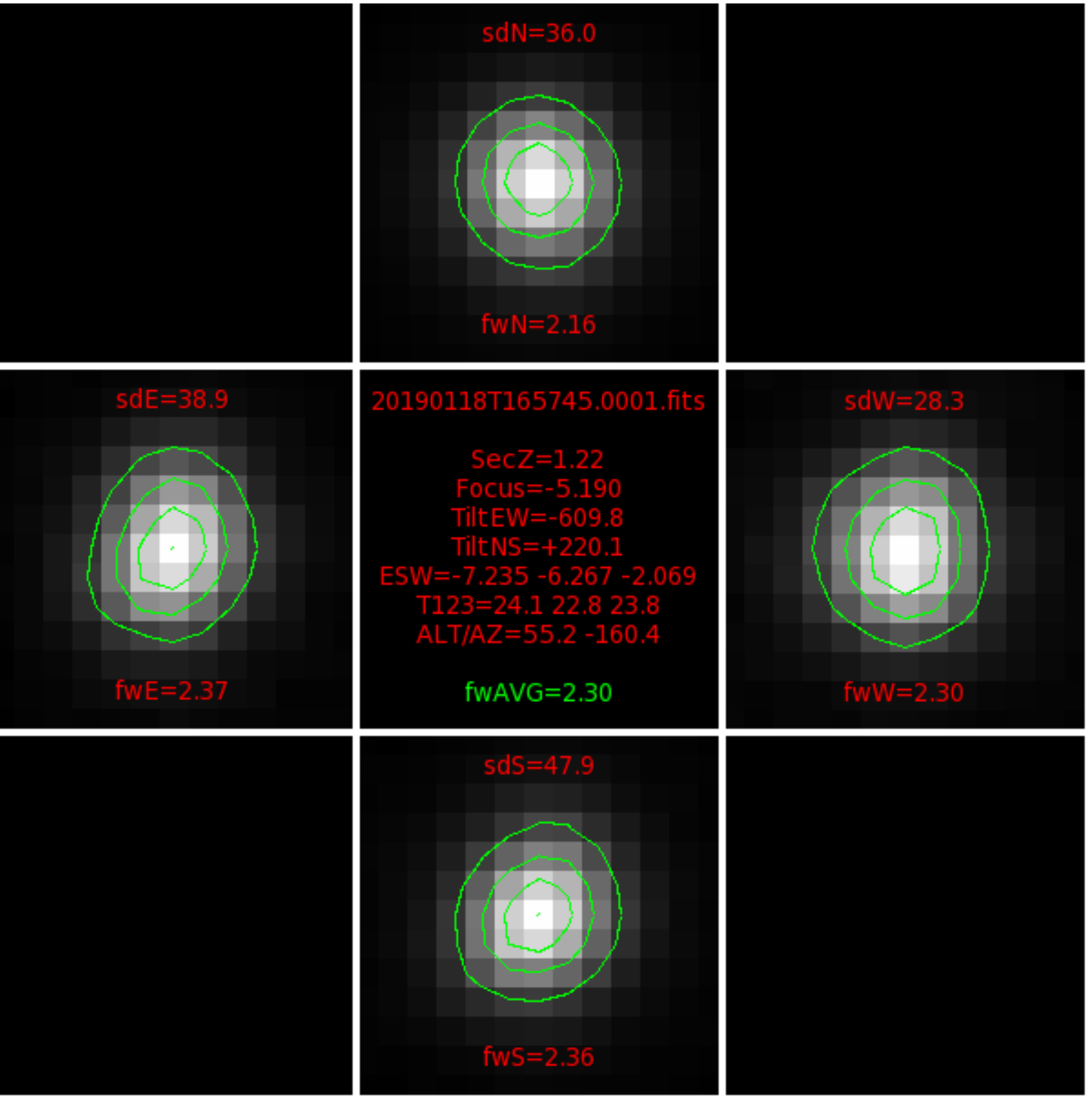
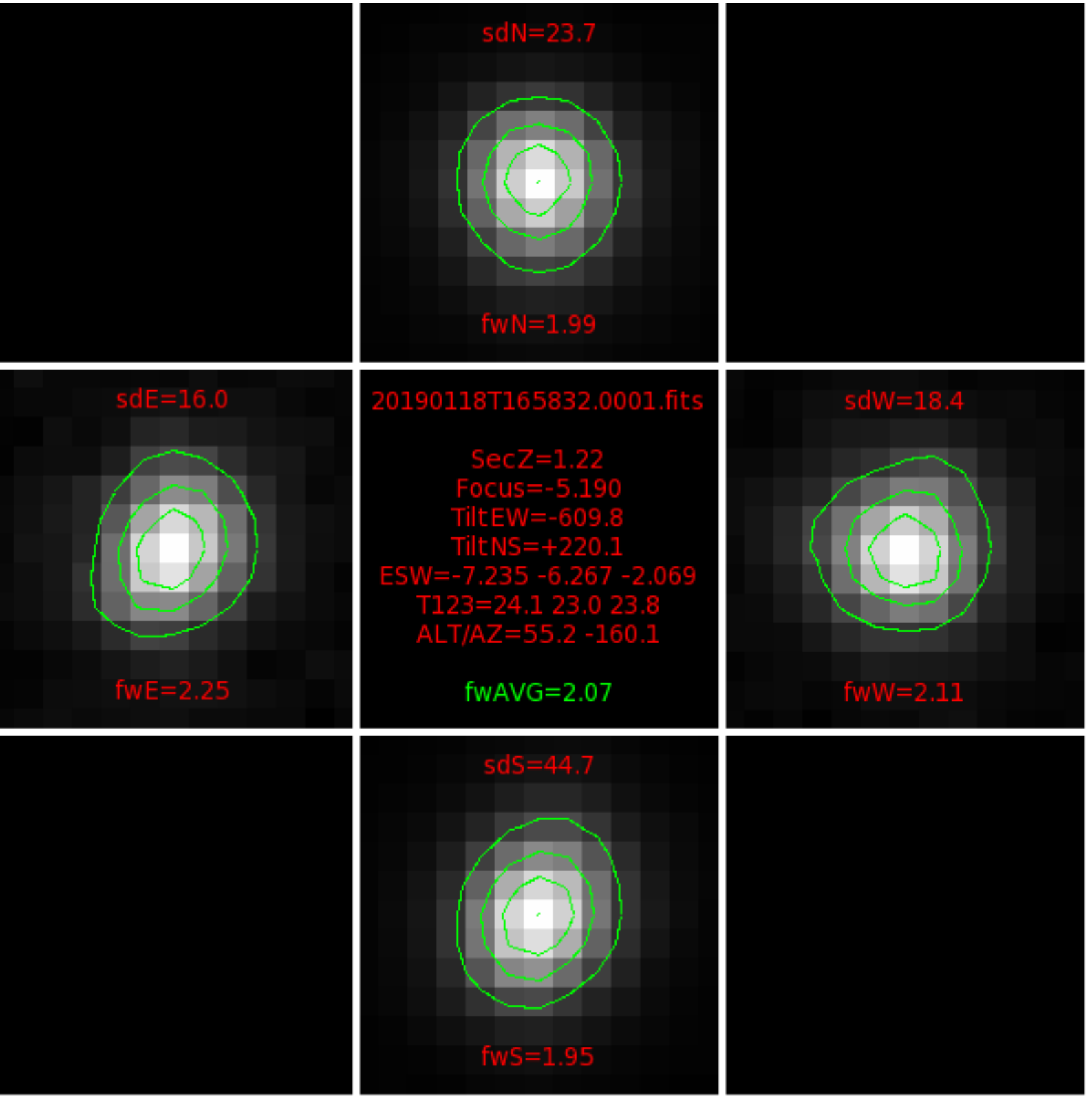
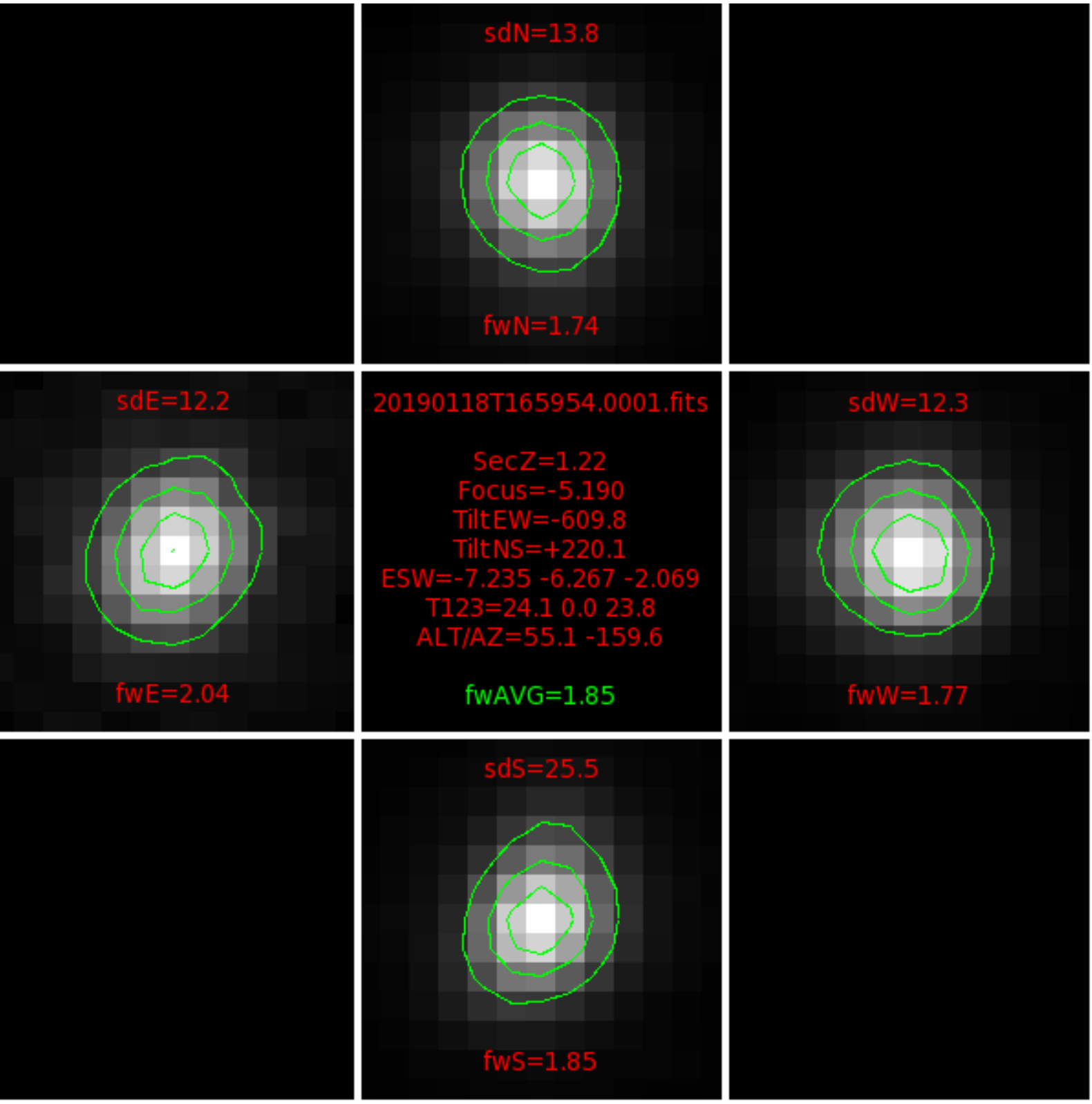

sdN=13.7
fwN=1.98
sdE=50.1
fwE=2.26
20190118T165437.0001.fits
SecZ=1.21
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 0.0 23.8
ALT/AZ=55.4 -161.8
fwAVG=2.15
sdW=18.8
fwW=2.25
sdS=119.0
fwS=2.12
0 0 0 0 0 0 0 0 0

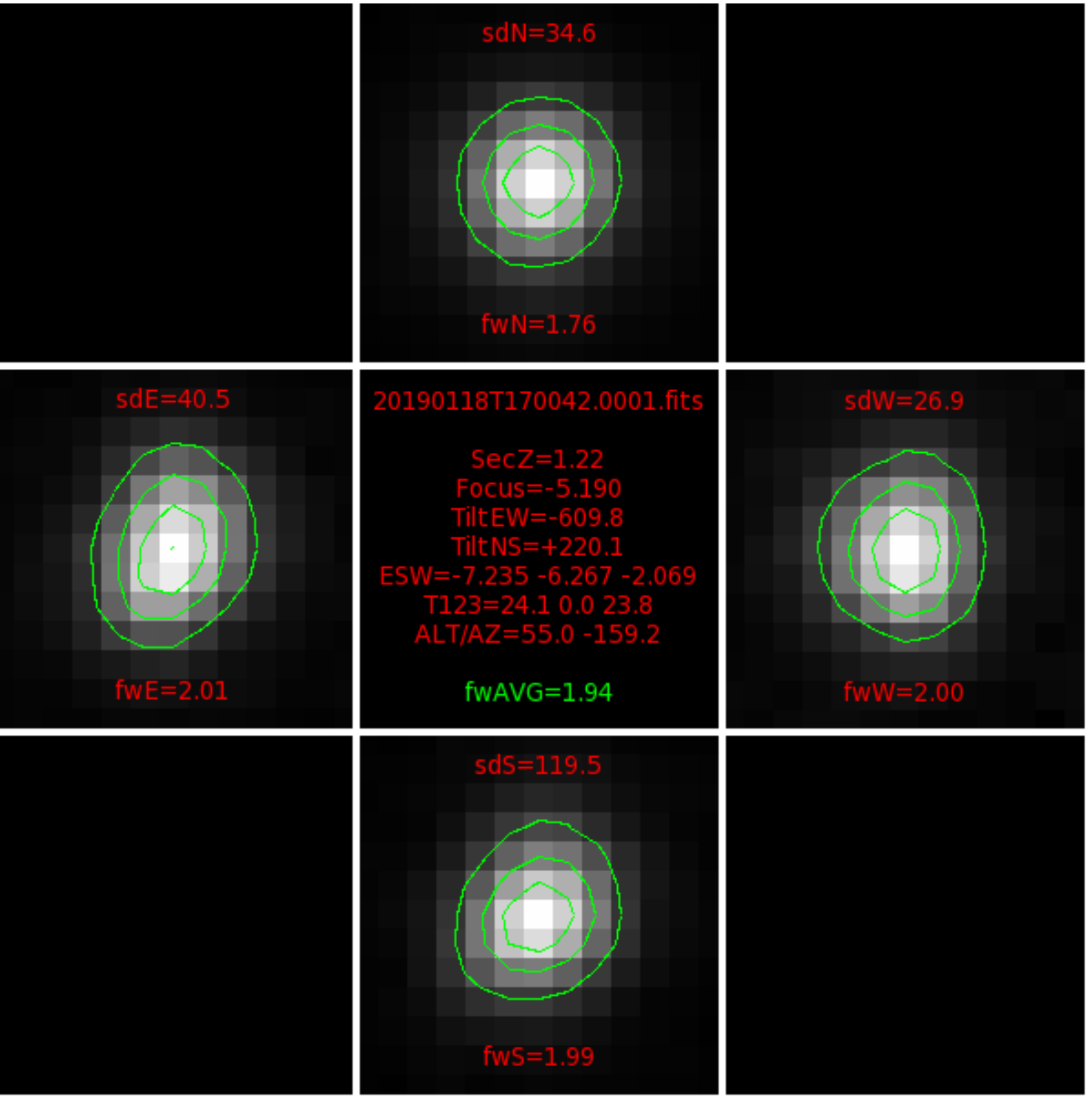

sdN=29.6
fwN=2.01
sdE=68.4
fwE=2.14
20190118T165526.0001.fits
SecZ=1.21
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 0.0 23.8
ALT/AZ=55.4 -161.4
fwAVG=2.11
sdW=25.1
fwW=2.19
sdS=140.2
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=16.7
fwN=2.27
sdE=34.2
fwE=2.47
20190118T165656.0001.fits
SecZ=1.22
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 22.8 23.8
ALT/AZ=55.3 -160.8
fwAVG=2.38
sdW=13.4
fwW=2.55
sdS=54.3
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=36.0
fwN=2.16
sdE=38.9
fwE=2.37
20190118T165745.0001.fits
SecZ=1.22
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 22.8 23.8
ALT/AZ=55.2 -160.4
fwAVG=2.30
sdW=28.3
fwW=2.30
sdS=47.9
fwS=2.36
0 0 0 0 0 0 0 0 0


sdN=23.7
fwN=1.99
sdE=16.0
fwE=2.25
20190118T165832.0001.fits
SecZ=1.22
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 23.0 23.8
ALT/AZ=55.2 -160.1
fwAVG=2.07
sdW=18.4
fwW=2.11
sdS=44.7
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=13.8
fwN=1.74
sdE=12.2
fwE=2.04
20190118T165954.0001.fits
SecZ=1.22
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 0.0 23.8
ALT/AZ=55.1 -159.6
fwAVG=1.85
sdW=12.3
fwW=1.77
sdS=25.5
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=34.6
fwN=1.76
sdE=40.5
fwE=2.01
20190118T170042.0001.fits
SecZ=1.22
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 0.0 23.8
ALT/AZ=55.0 -159.2
fwAVG=1.94
sdW=26.9
fwW=2.00
sdS=119.5
fwS=1.99
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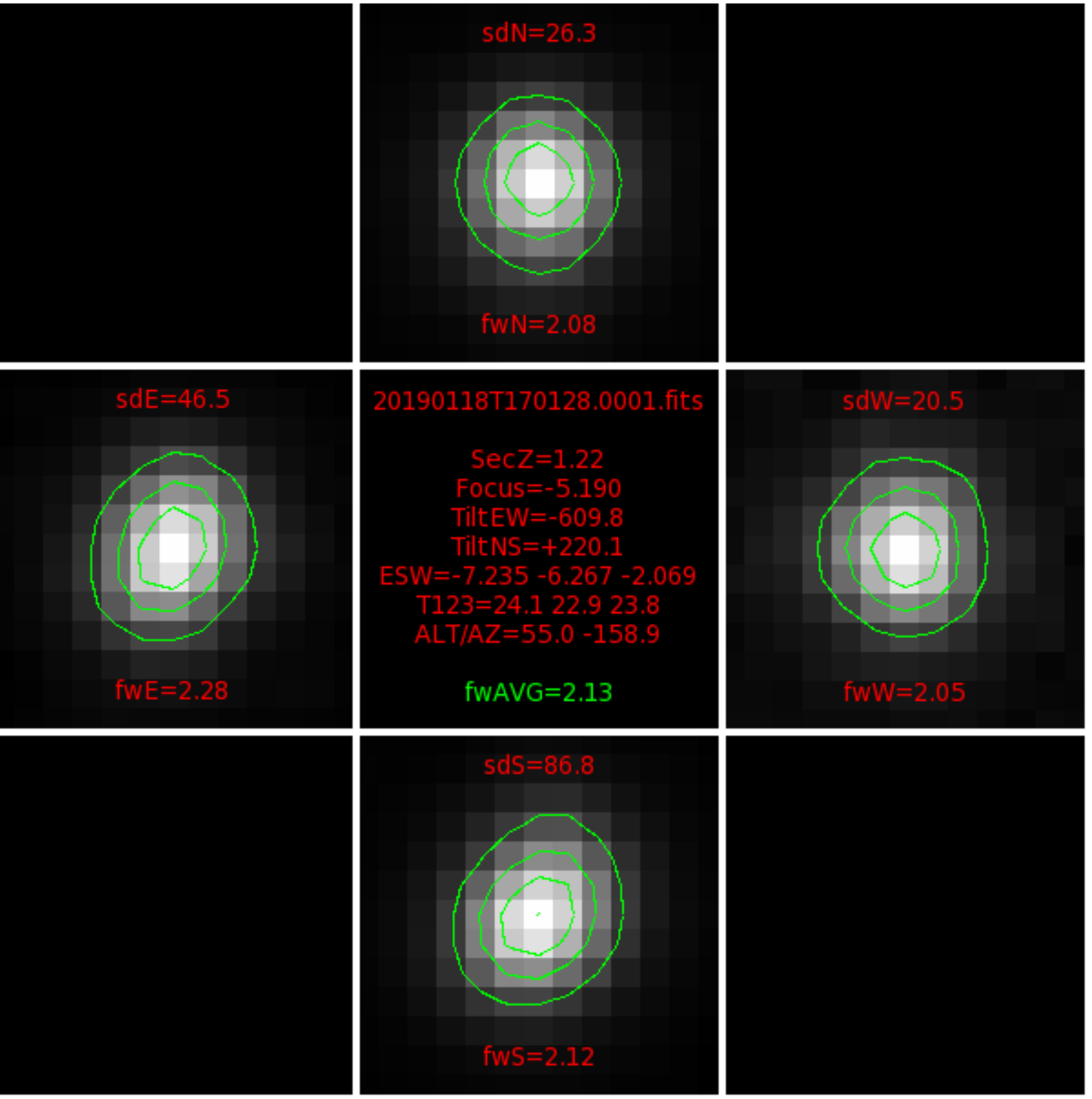
sdN=26.3
fwN=2.08
sdE=46.5
fwE=2.28
20190118T170128.0001.fits
SecZ=1.22
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 22.9 23.8
ALT/AZ=55.0 -158.9
fwAVG=2.13
sdW=20.5
fwW=2.05
sdS=86.8
fwS=2.12
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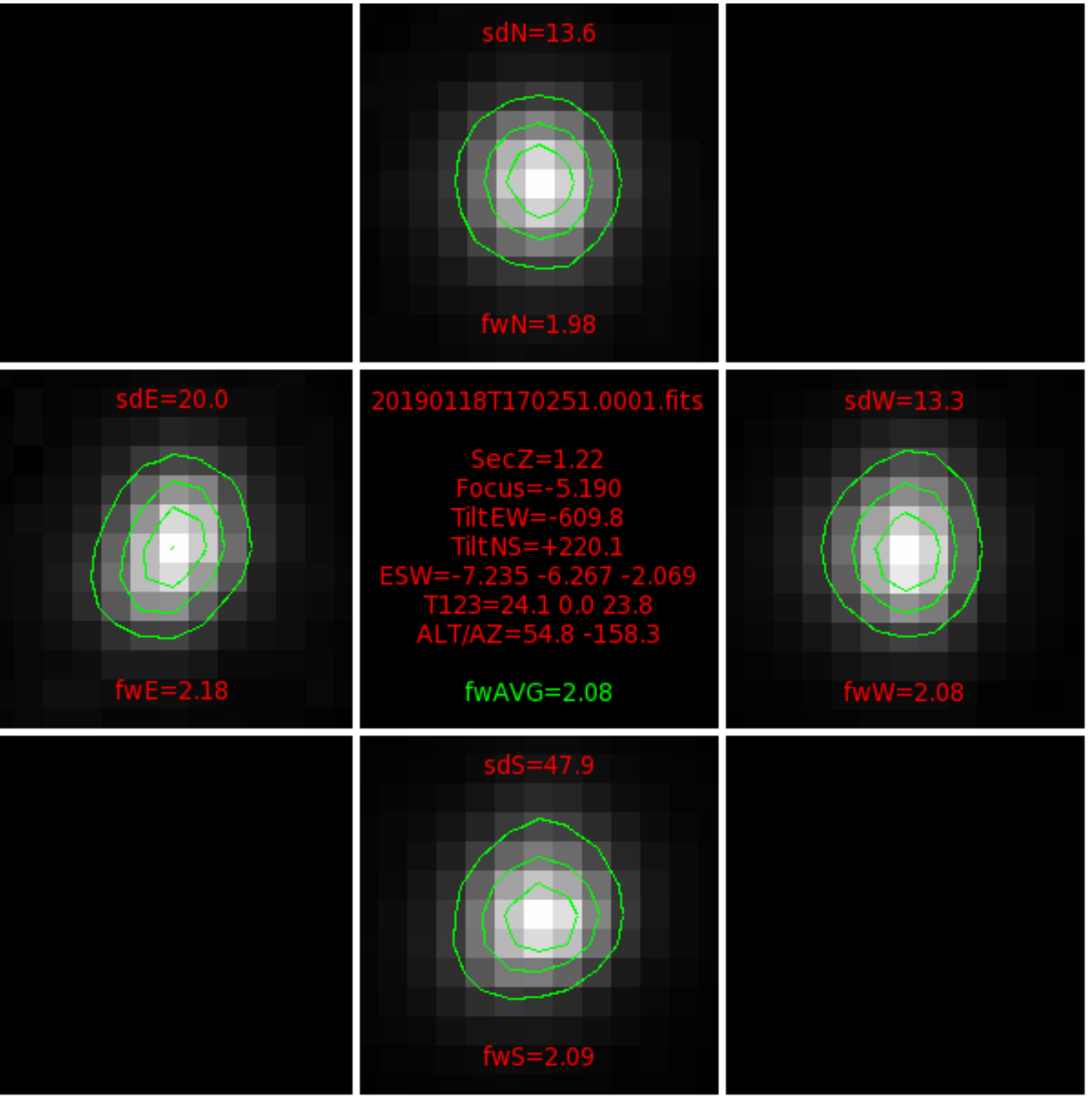
sdN=13.6
fwN=1.98
sdE=20.0
fwE=2.18
20190118T170251.0001.fits
SecZ=1.22
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 0.0 23.8
ALT/AZ=54.8 -158.3
fwAVG=2.08
sdW=13.3
fwW=2.08
sdS=47.9
fwS=2.09
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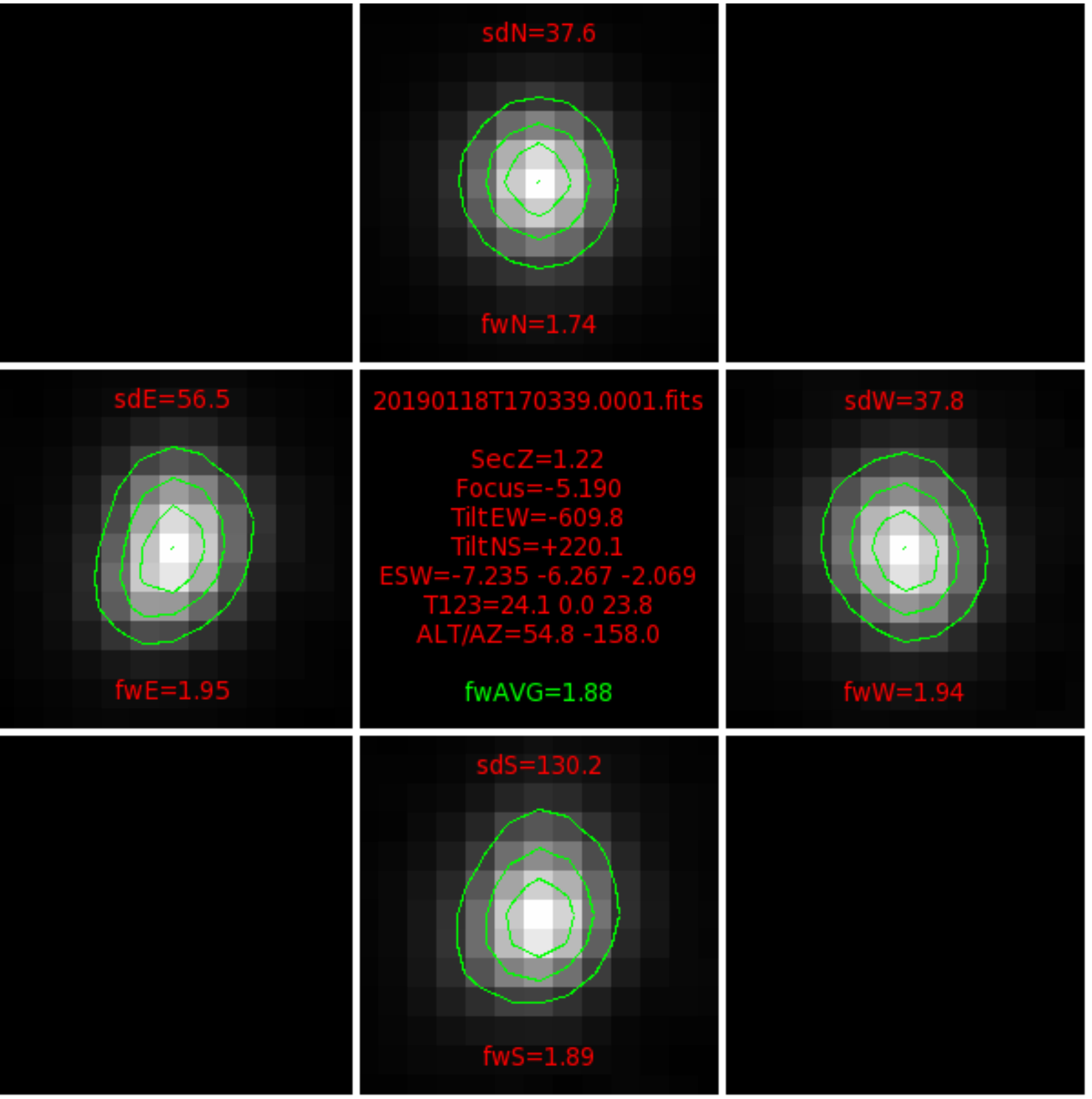
sdN=37.6
fwN=1.74
sdE=56.5
fwE=1.95
20190118T170339.0001.fits
SecZ=1.22
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 0.0 23.8
ALT/AZ=54.8 -158.0
fwAVG=1.88
sdW=37.8
fwW=1.94
sdS=130.2
fwS=1.89
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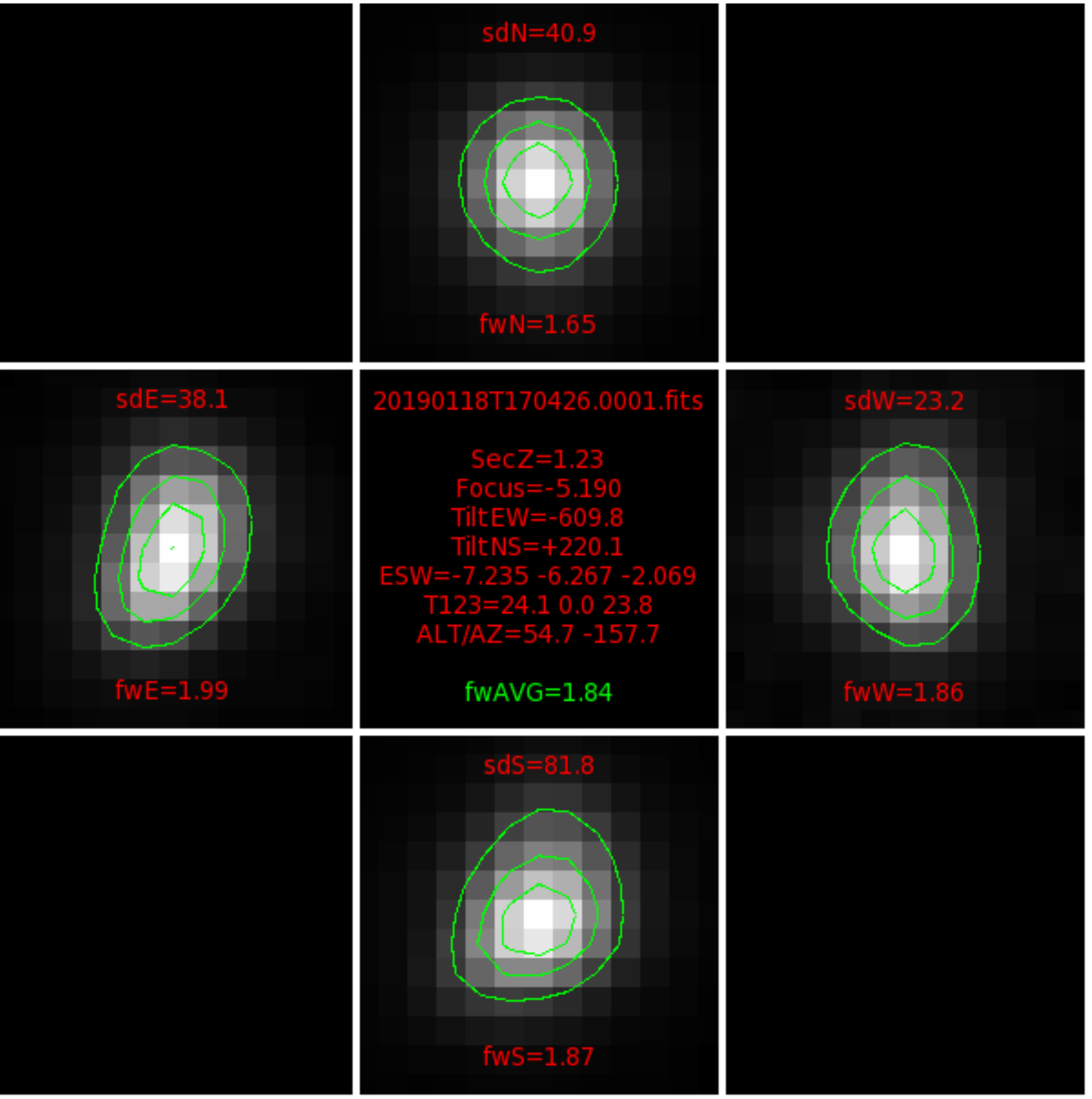
sdN=40.9
fwN=1.65
sdE=38.1
fwE=1.99
20190118T170426.0001.fits
SecZ=1.23
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 0.0 23.8
ALT/AZ=54.7 -157.7
fwAVG=1.84
sdW=23.2
fwW=1.86
sdS=81.8
fwS=1.87
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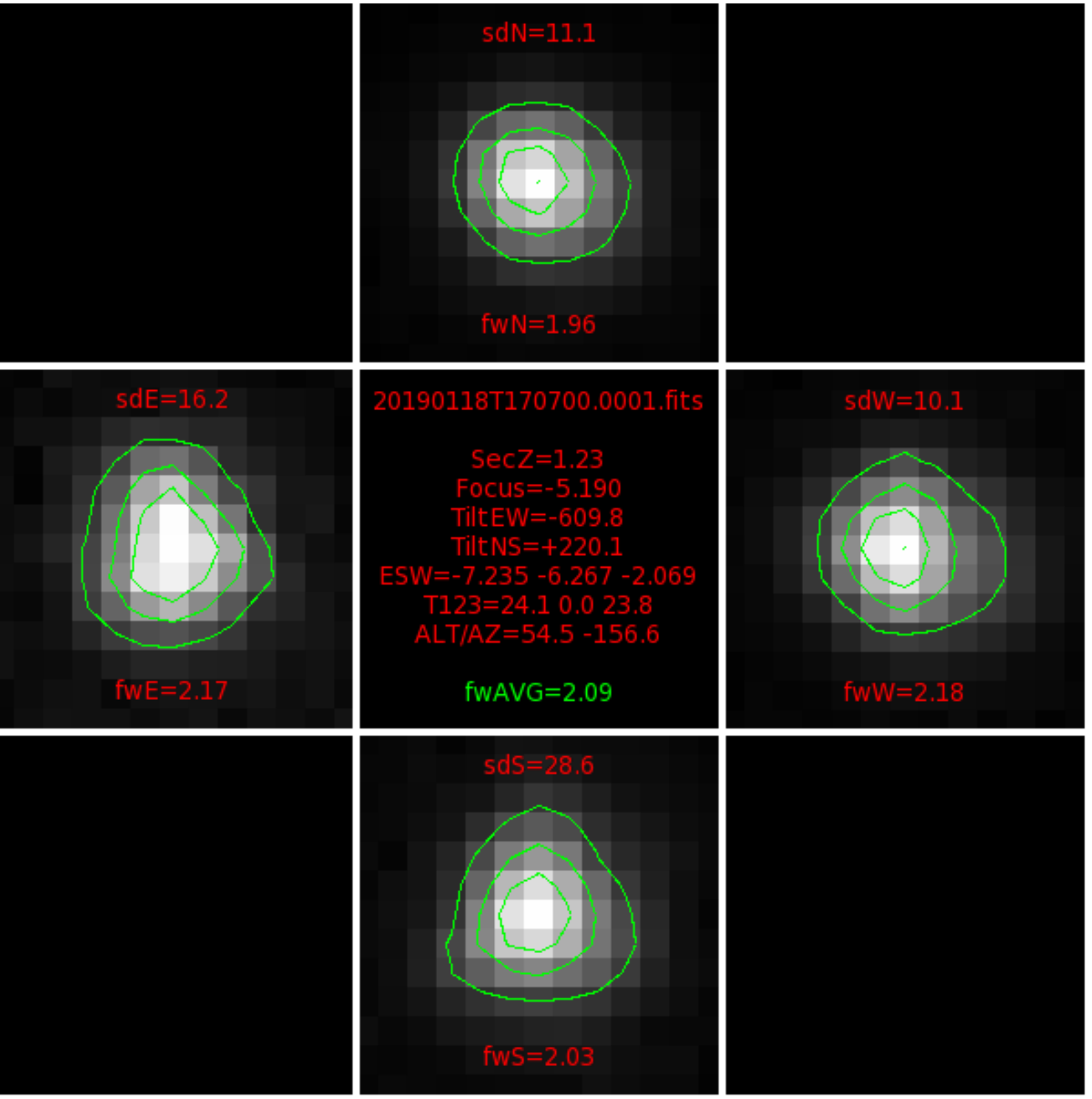
sdN=11.1
fwN=1.96
sdE=16.2
fwE=2.17
20190118T170700.0001.fits
SecZ=1.23
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 0.0 23.8
ALT/AZ=54.5 -156.6
fwAVG=2.09
sdW=10.1
fwW=2.18
sdS=28.6
fwS=2.03
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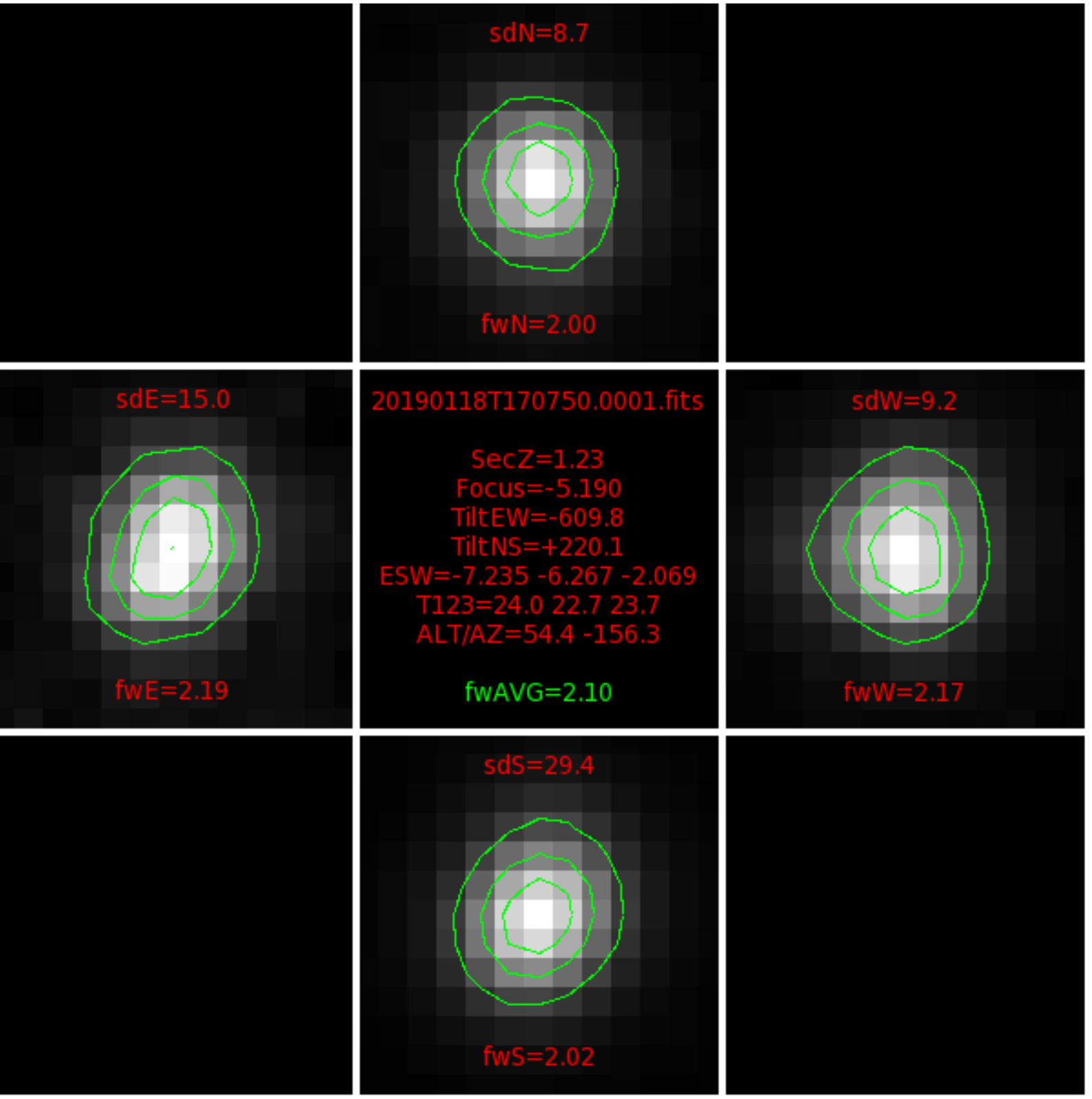
sdN=8.7
fwN=2.00
sdE=15.0
fwE=2.19
20190118T170750.0001.fits
SecZ=1.23
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.0 22.7 23.7
ALT/AZ=54.4 -156.3
fwAVG=2.10
sdW=9.2
fwW=2.17
sdS=29.4
fwS=2.02
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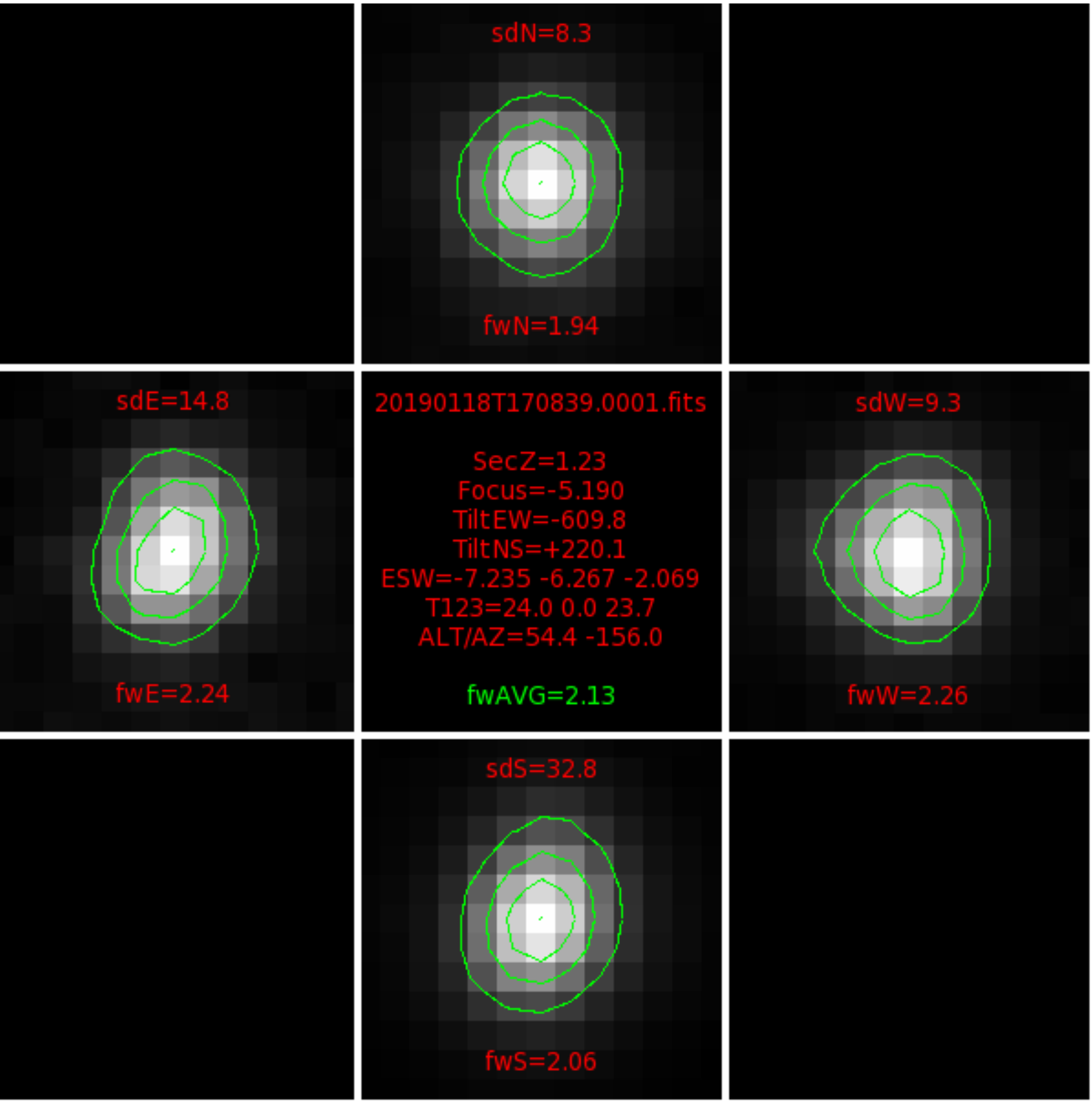
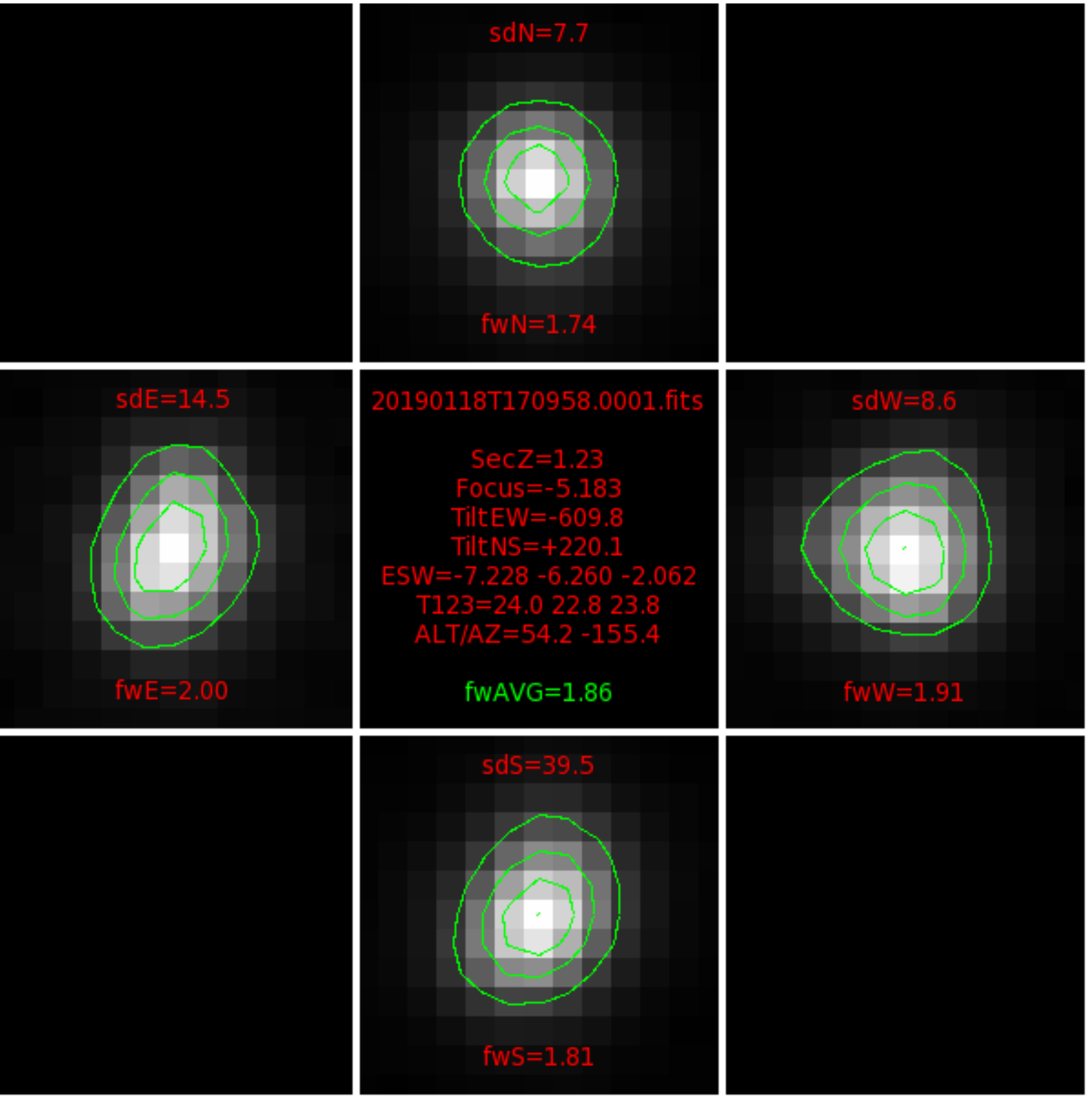
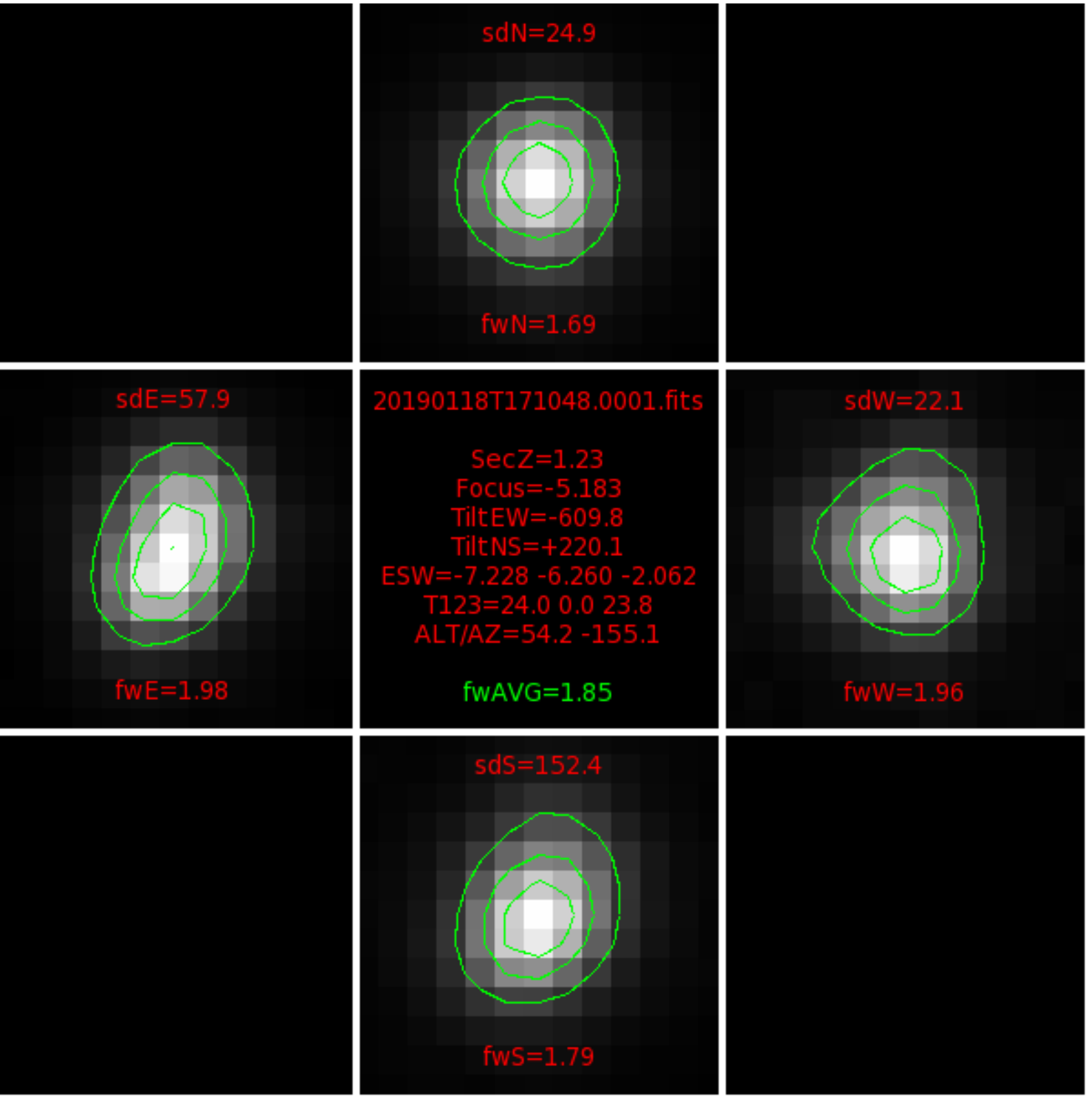
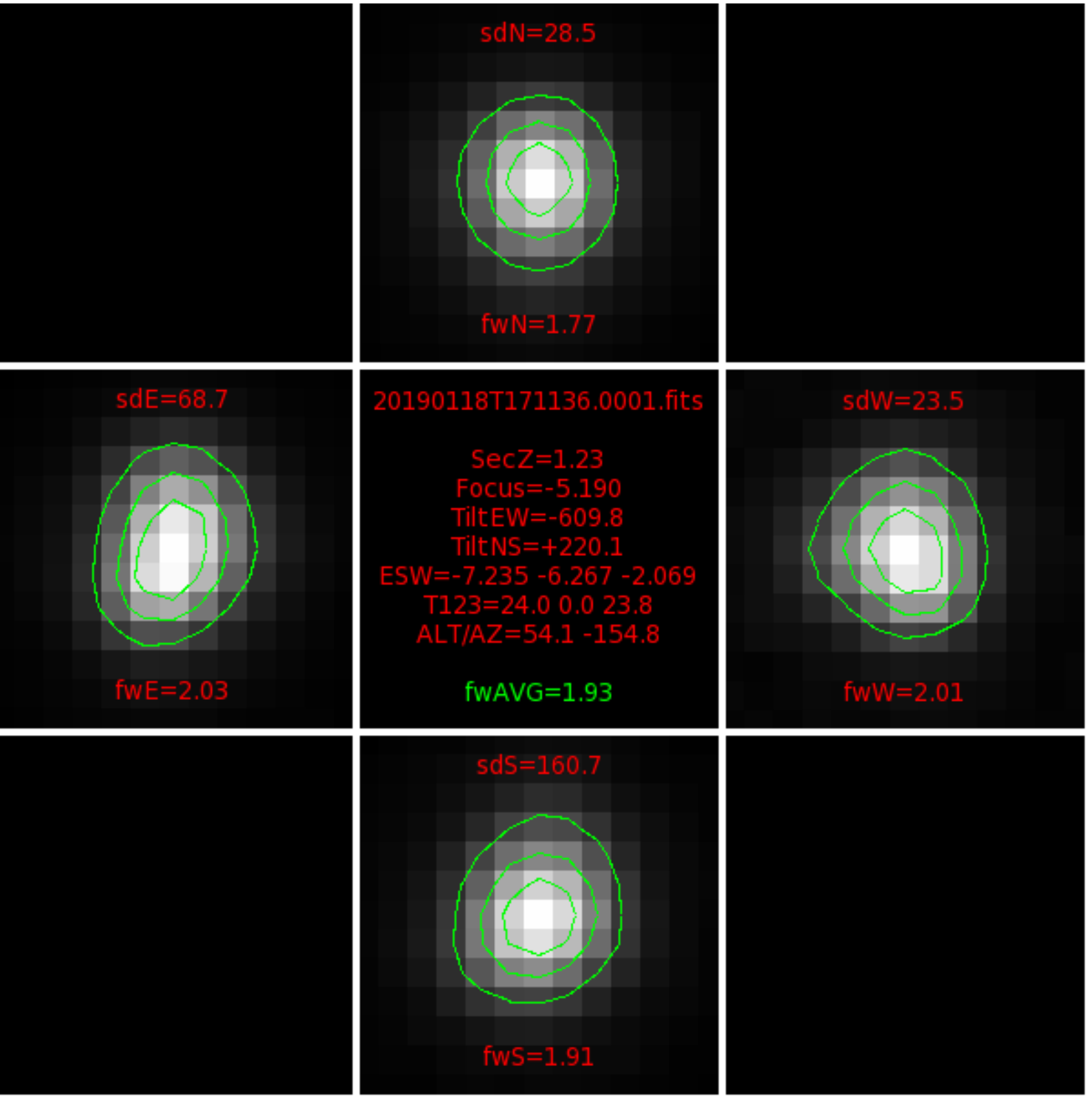
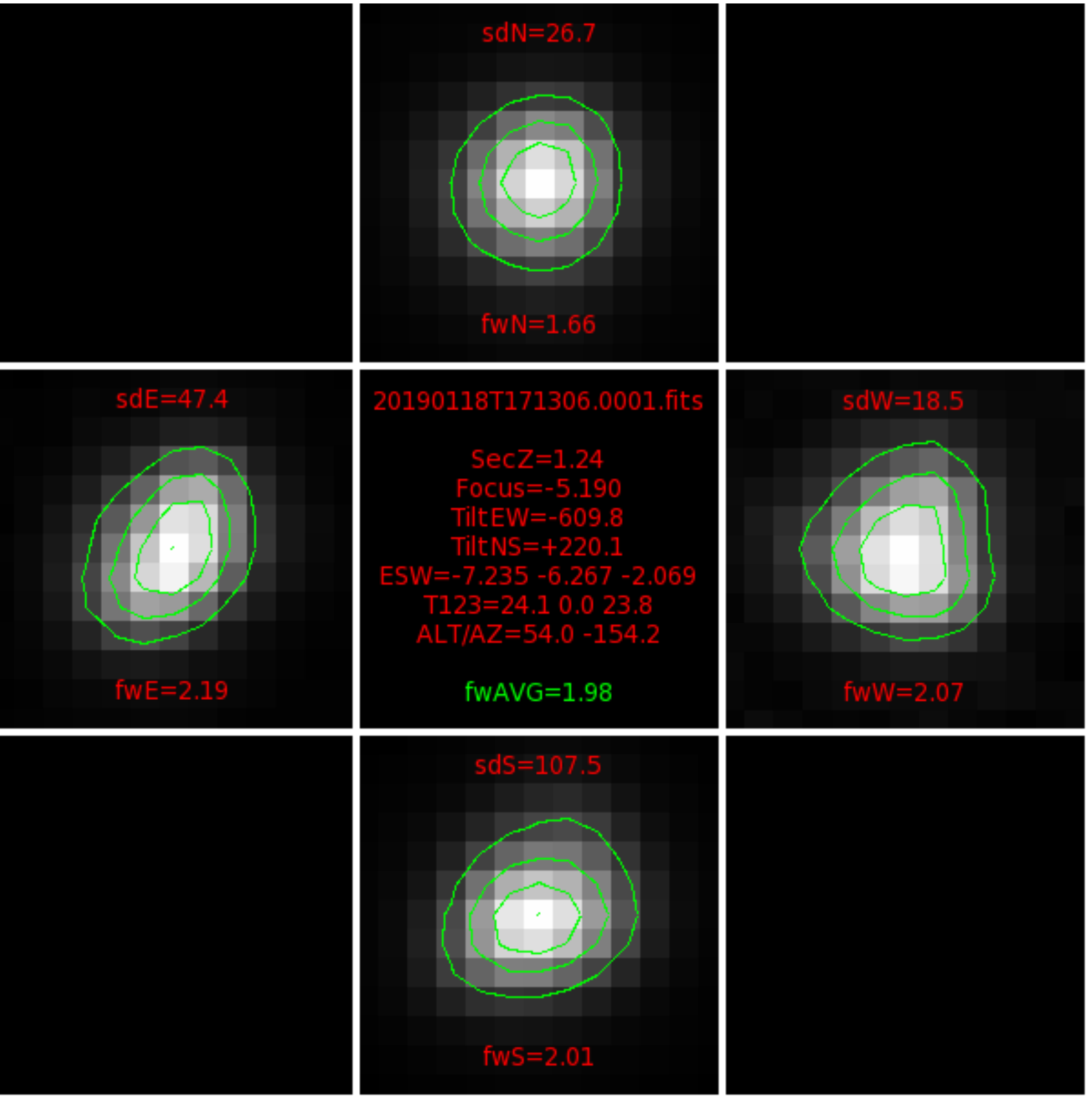

sdN=8.3
fwN=1.94
sdE=14.8
fwE=2.24
20190118T170839.0001.fits
SecZ=1.23
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.0 0.0 23.7
ALT/AZ=54.4 -156.0
fwAVG=2.13
sdW=9.3
fwW=2.26
sdS=32.8
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=7.7
fwN=1.74
sdE=14.5
fwE=2.00
20190118T170958.0001.fits
SecZ=1.23
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=24.0 22.8 23.8
ALT/AZ=54.2 -155.4
fwAVG=1.86
sdW=8.6
fwW=1.91
sdS=39.5
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=24.9
fwN=1.69
sdE=57.9
fwE=1.98
20190118T171048.0001.fits
SecZ=1.23
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=24.0 0.0 23.8
ALT/AZ=54.2 -155.1
fwAVG=1.85
sdW=22.1
fwW=1.96
sdS=152.4
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=28.5
fwN=1.77
sdE=68.7
fwE=2.03
20190118T171136.0001.fits
SecZ=1.23
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.0 0.0 23.8
ALT/AZ=54.1 -154.8
fwAVG=1.93
sdW=23.5
fwW=2.01
sdS=160.7
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=26.7
fwN=1.66
sdE=47.4
fwE=2.19
20190118T171306.0001.fits
SecZ=1.24
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.1 0.0 23.8
ALT/AZ=54.0 -154.2
fwAVG=1.98
sdW=18.5
fwW=2.07
sdS=107.5
fwS=2.01
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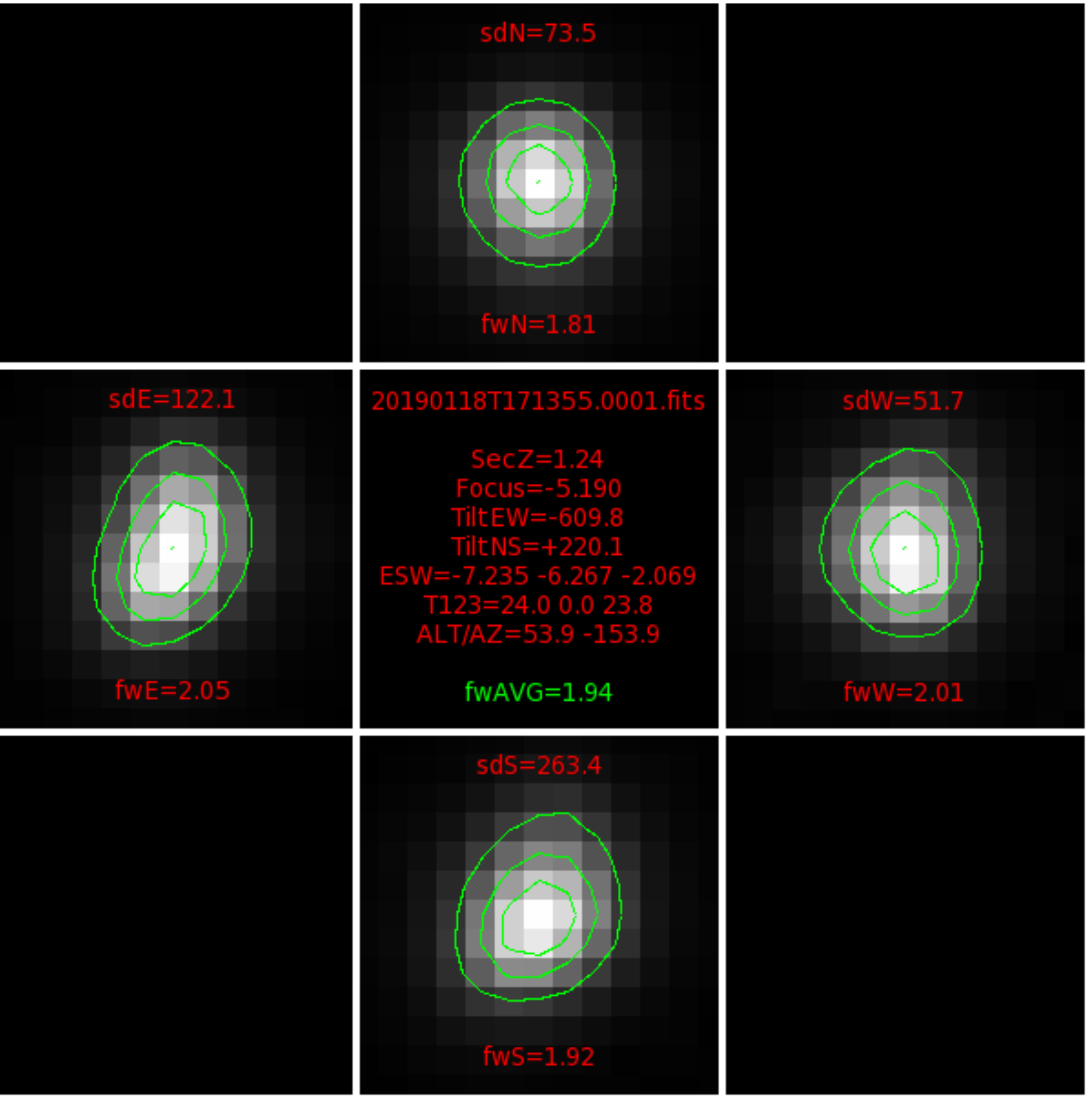
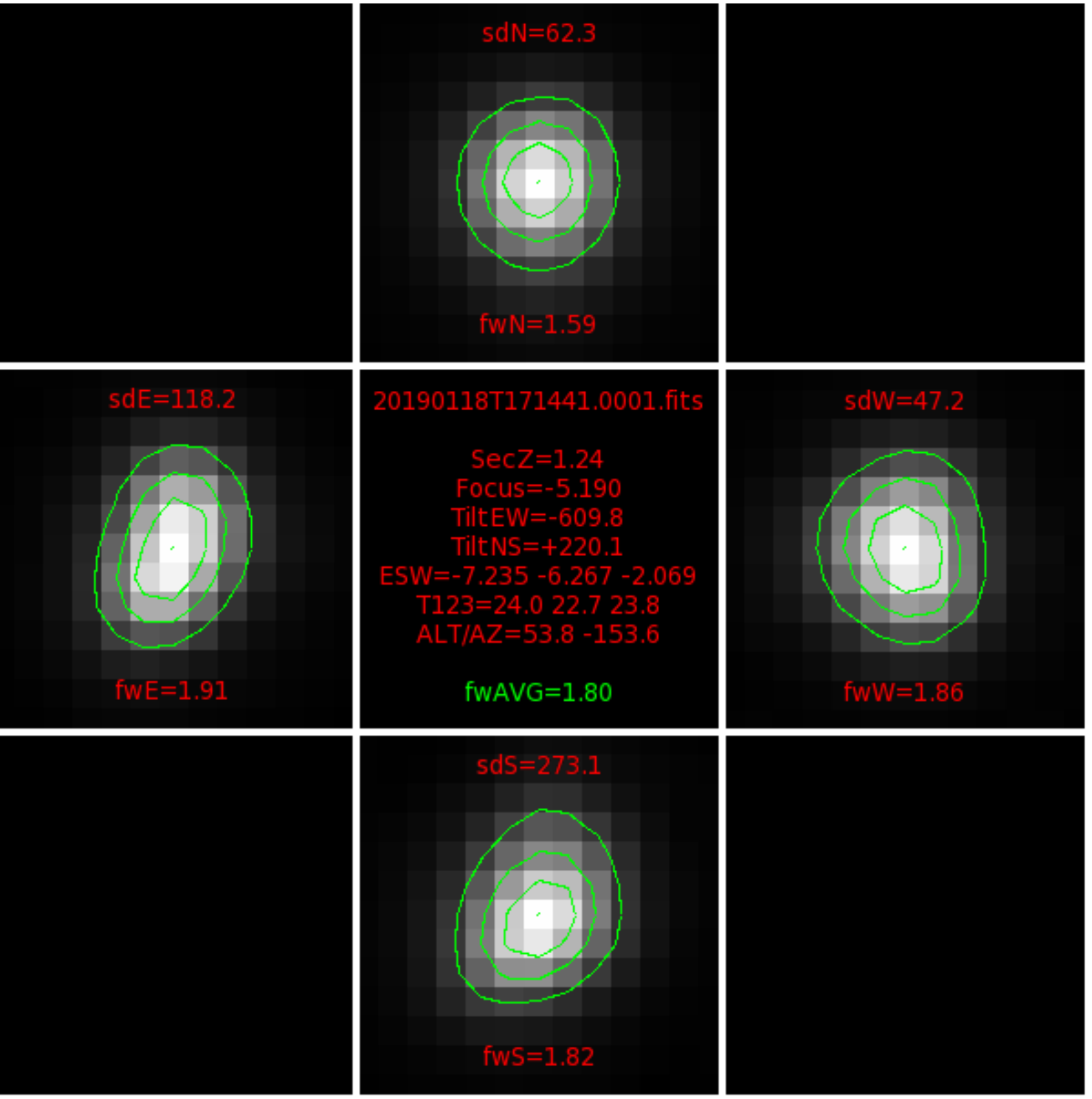

sdN=73.5
fwN=1.81
sdE=122.1
fwE=2.05
20190118T171355.0001.fits
SecZ=1.24
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.0 0.0 23.8
ALT/AZ=53.9 -153.9
fwAVG=1.94
sdW=51.7
fwW=2.01
sdS=263.4
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=62.3
fwN=1.59
sdE=118.2
fwE=1.91
20190118T171441.0001.fits
SecZ=1.24
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.0 22.7 23.8
ALT/AZ=53.8 -153.6
fwAVG=1.80
sdW=47.2
fwW=1.86
sdS=273.1
fwS=1.82
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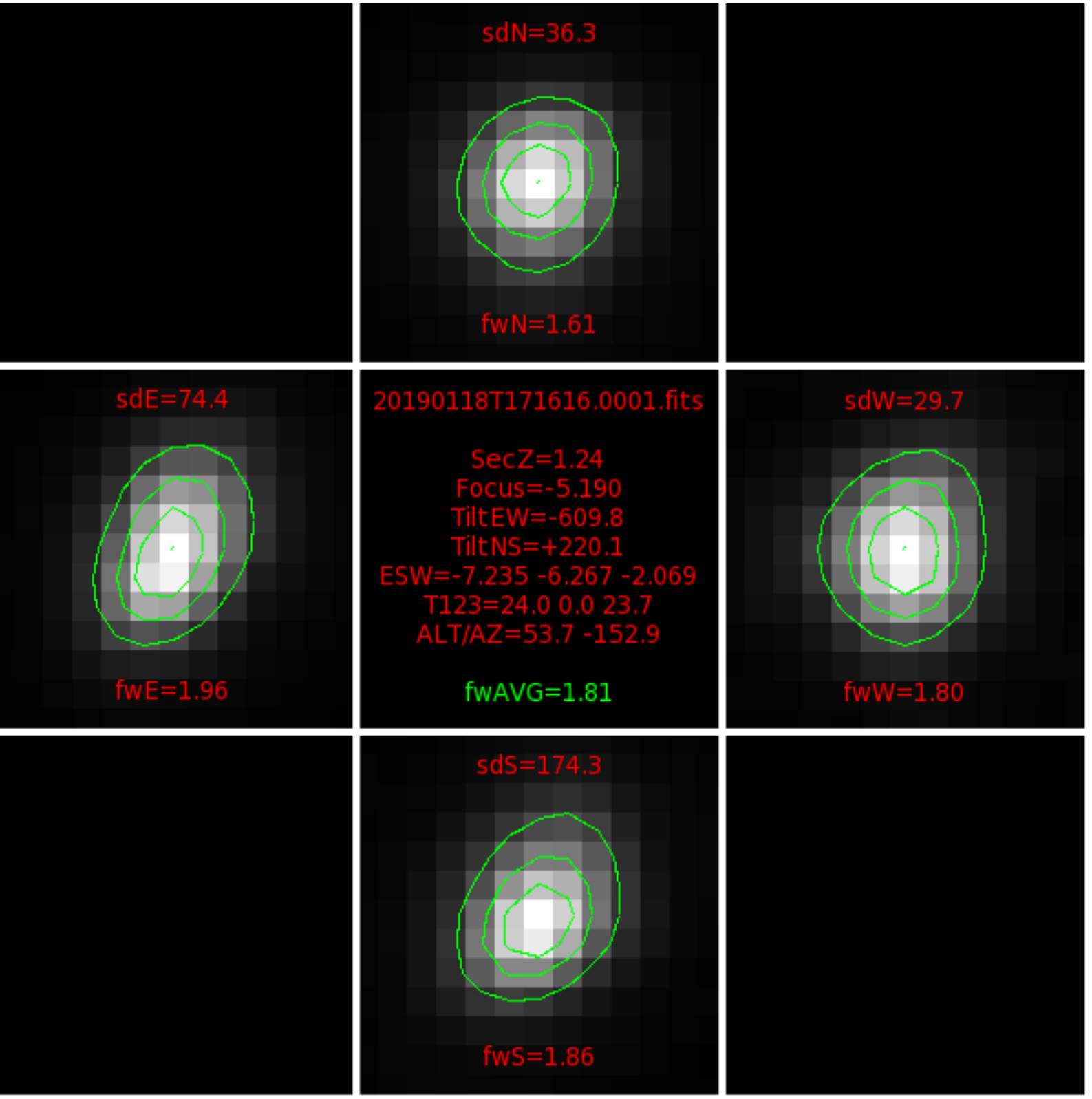
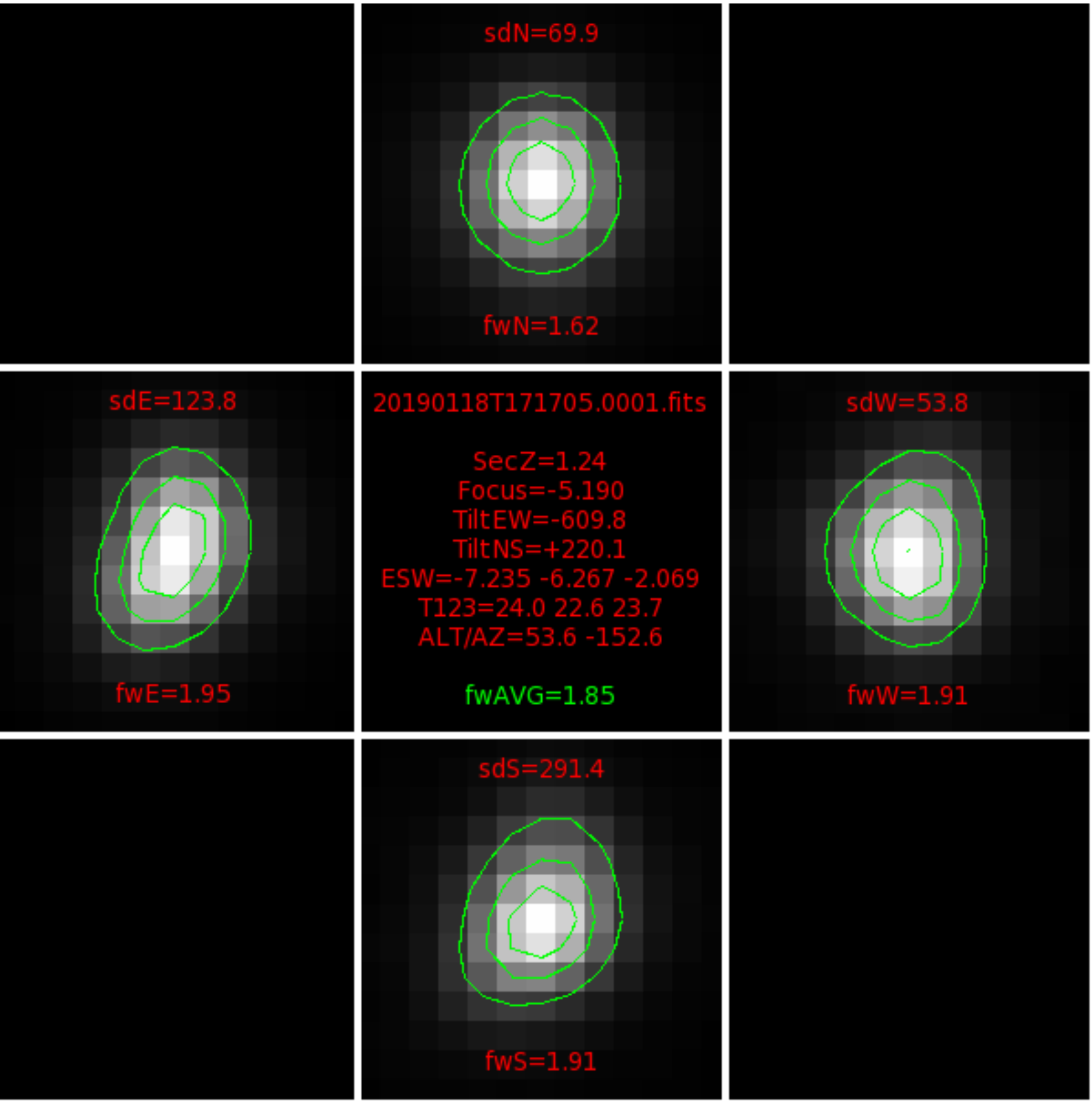
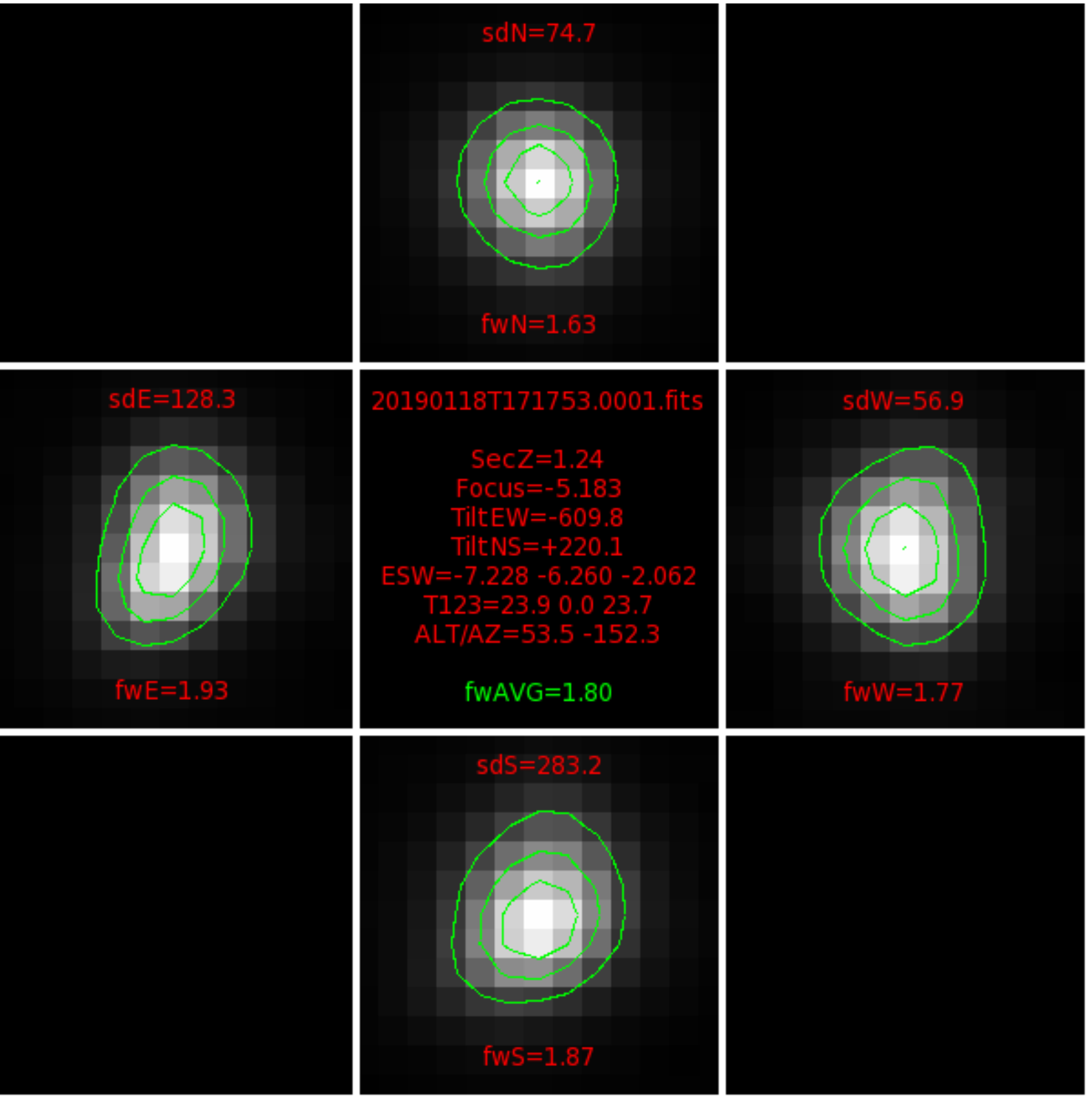

sdN=36.3
fwN=1.61
sdE=74.4
fwE=1.96
20190118T171616.0001.fits
SecZ=1.24
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.0 0.0 23.7
ALT/AZ=53.7 -152.9
fwAVG=1.81
sdW=29.7
fwW=1.80
sdS=174.3
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=69.9
fwN=1.62
sdE=123.8
fwE=1.95
20190118T171705.0001.fits
SecZ=1.24
Focus=-5.190
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.235 -6.267 -2.069
T123=24.0 22.6 23.7
ALT/AZ=53.6 -152.6
fwAVG=1.85
sdW=53.8
fwW=1.91
sdS=291.4
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=74.7
fwN=1.63
sdE=128.3
fwE=1.93
20190118T171753.0001.fits
SecZ=1.24
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.9 0.0 23.7
ALT/AZ=53.5 -152.3
fwAVG=1.80
sdW=56.9
fwW=1.77
sdS=283.2
fwS=1.87
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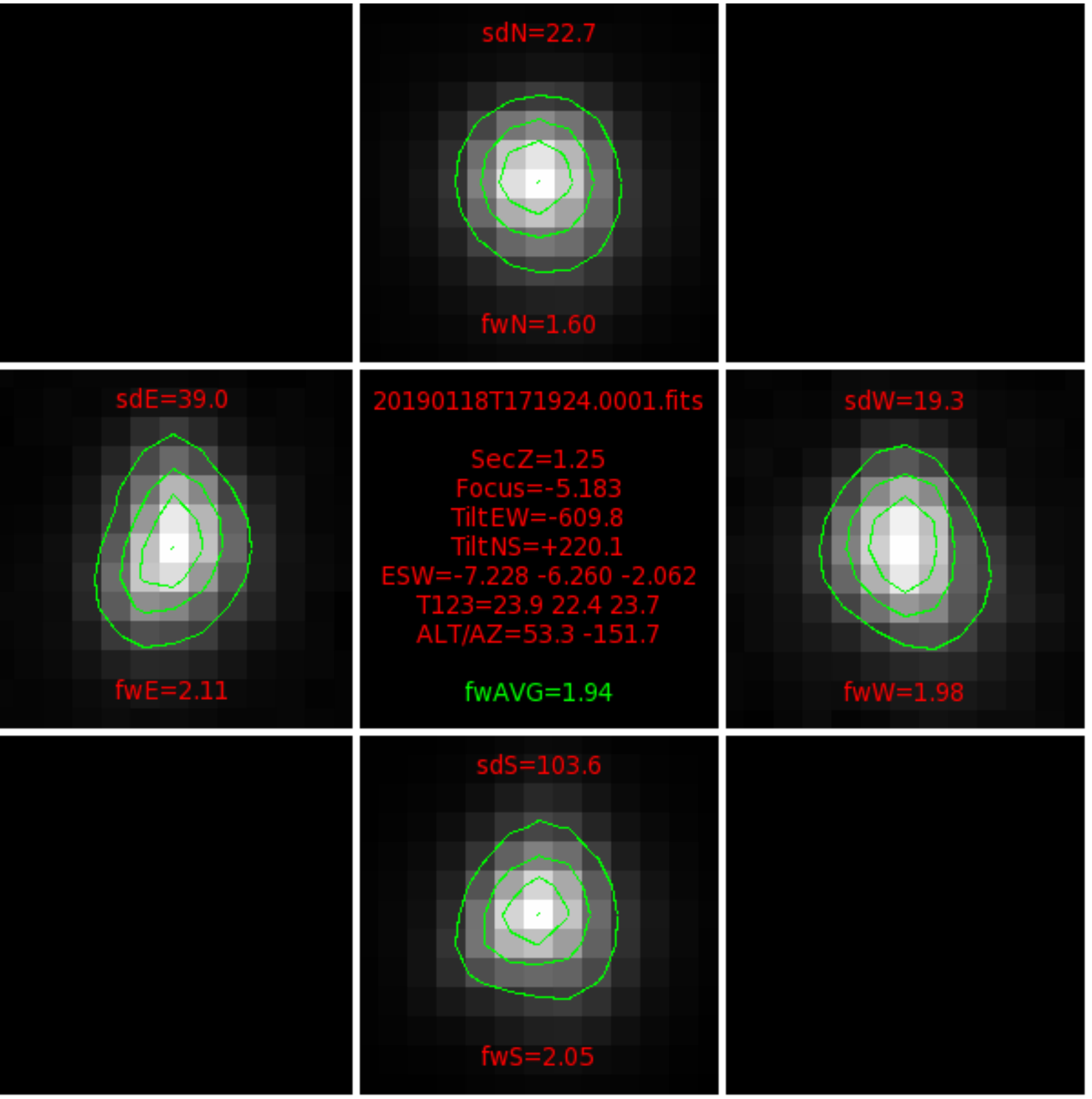
sdN=22.7
fwN=1.60
sdE=39.0
fwE=2.11
20190118T171924.0001.fits
SecZ=1.25
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.9 22.4 23.7
ALT/AZ=53.3 -151.7
fwAVG=1.94
sdW=19.3
fwW=1.98
sdS=103.6
fwS=2.05
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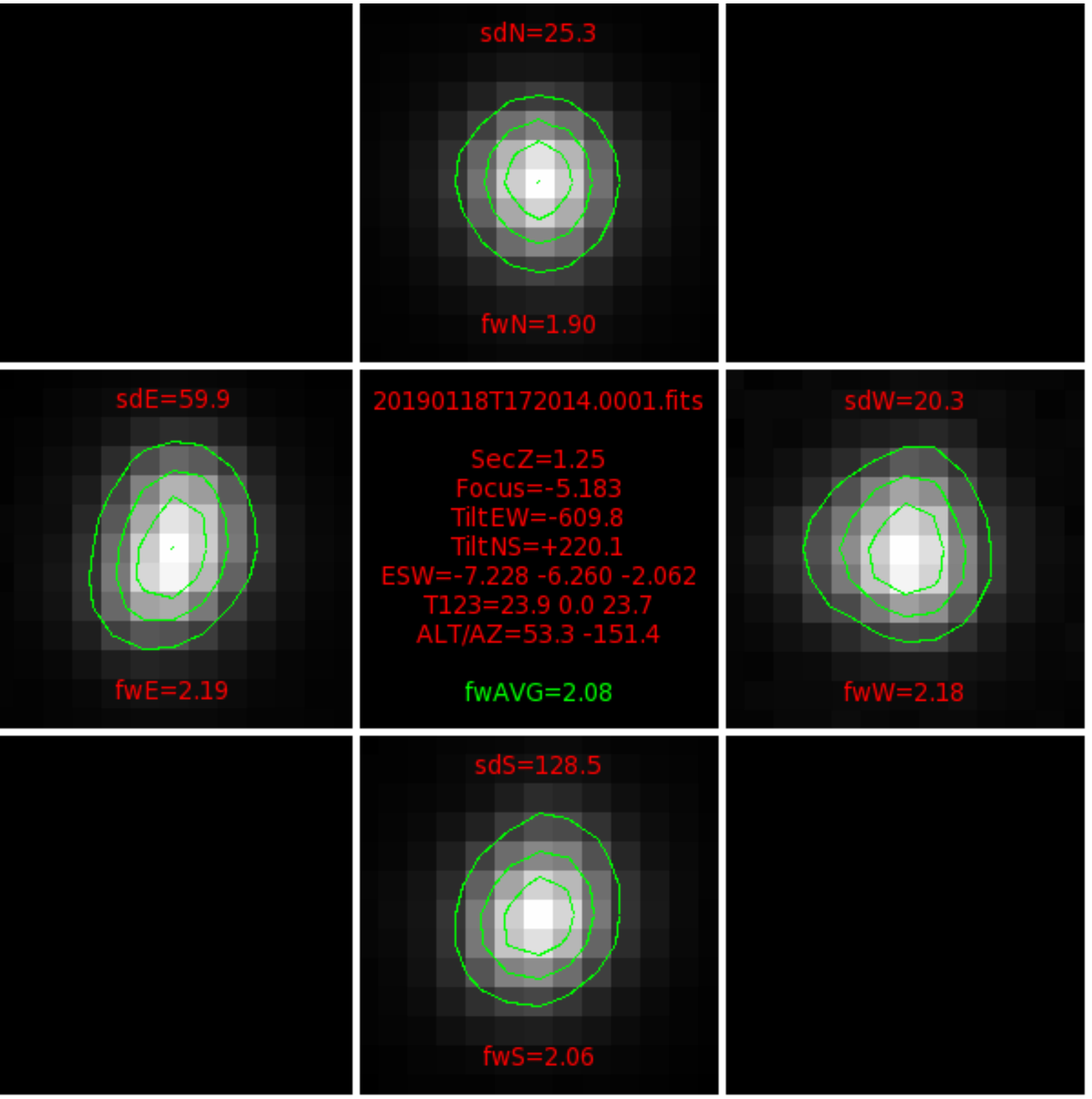
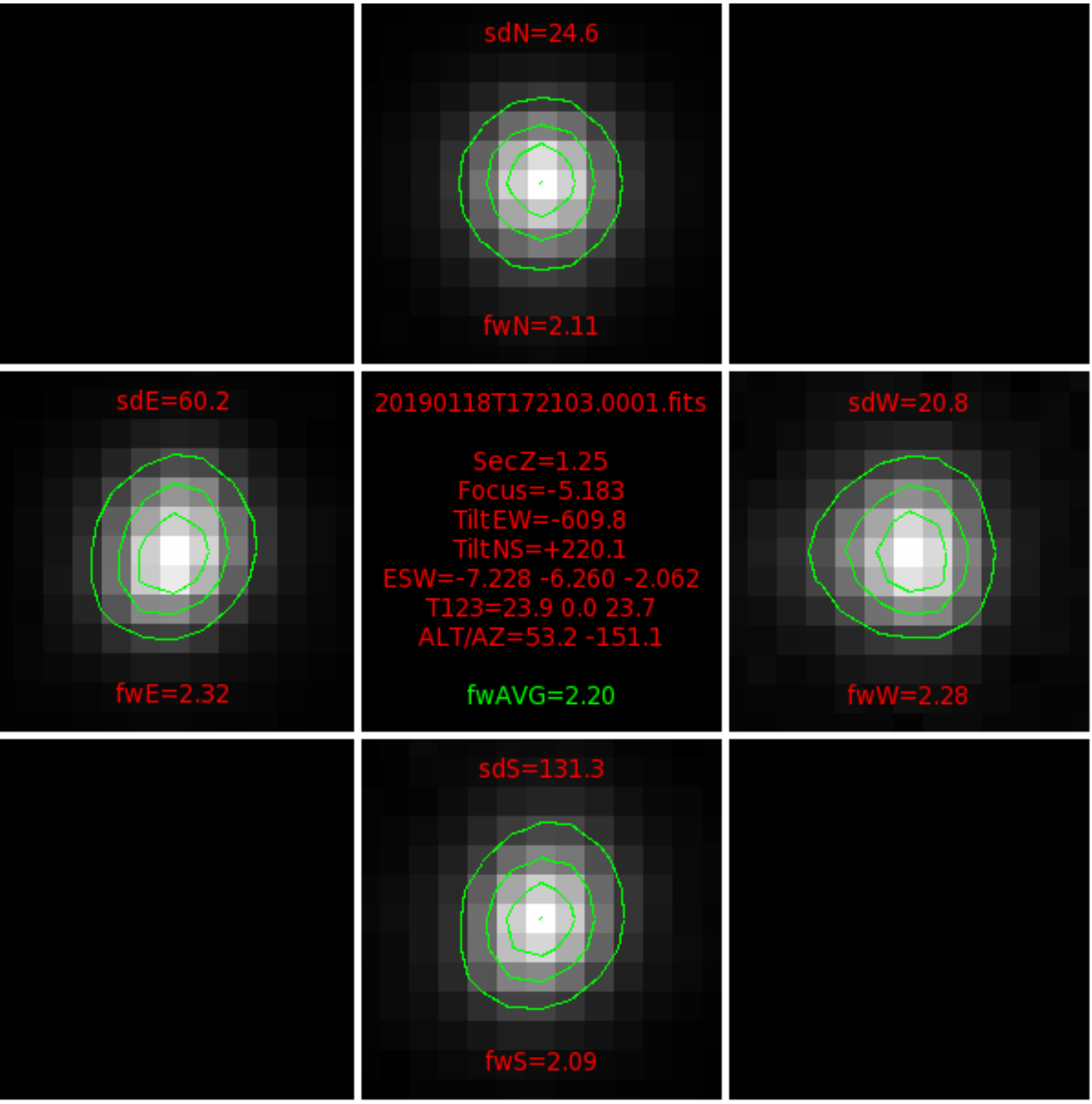
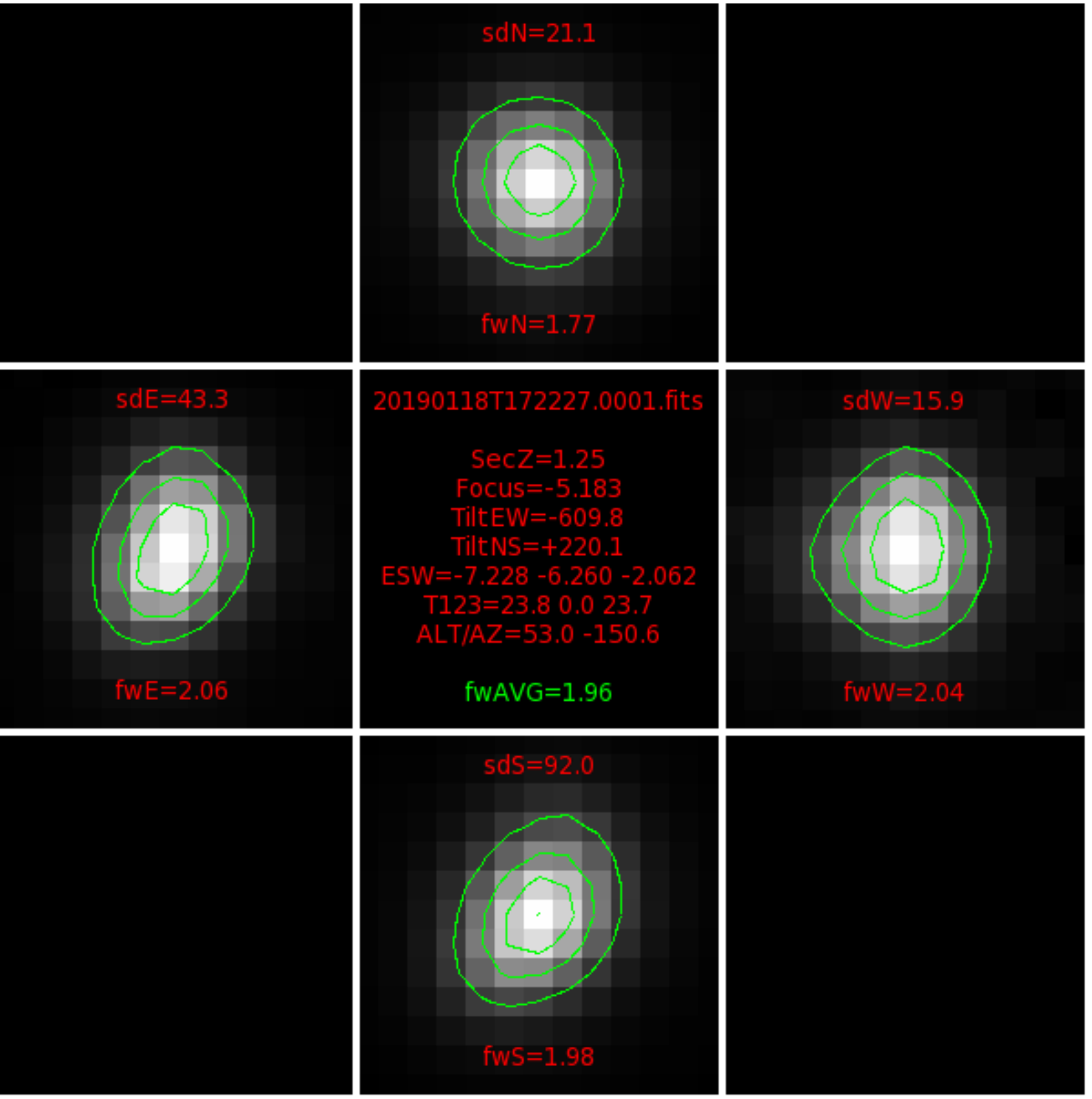
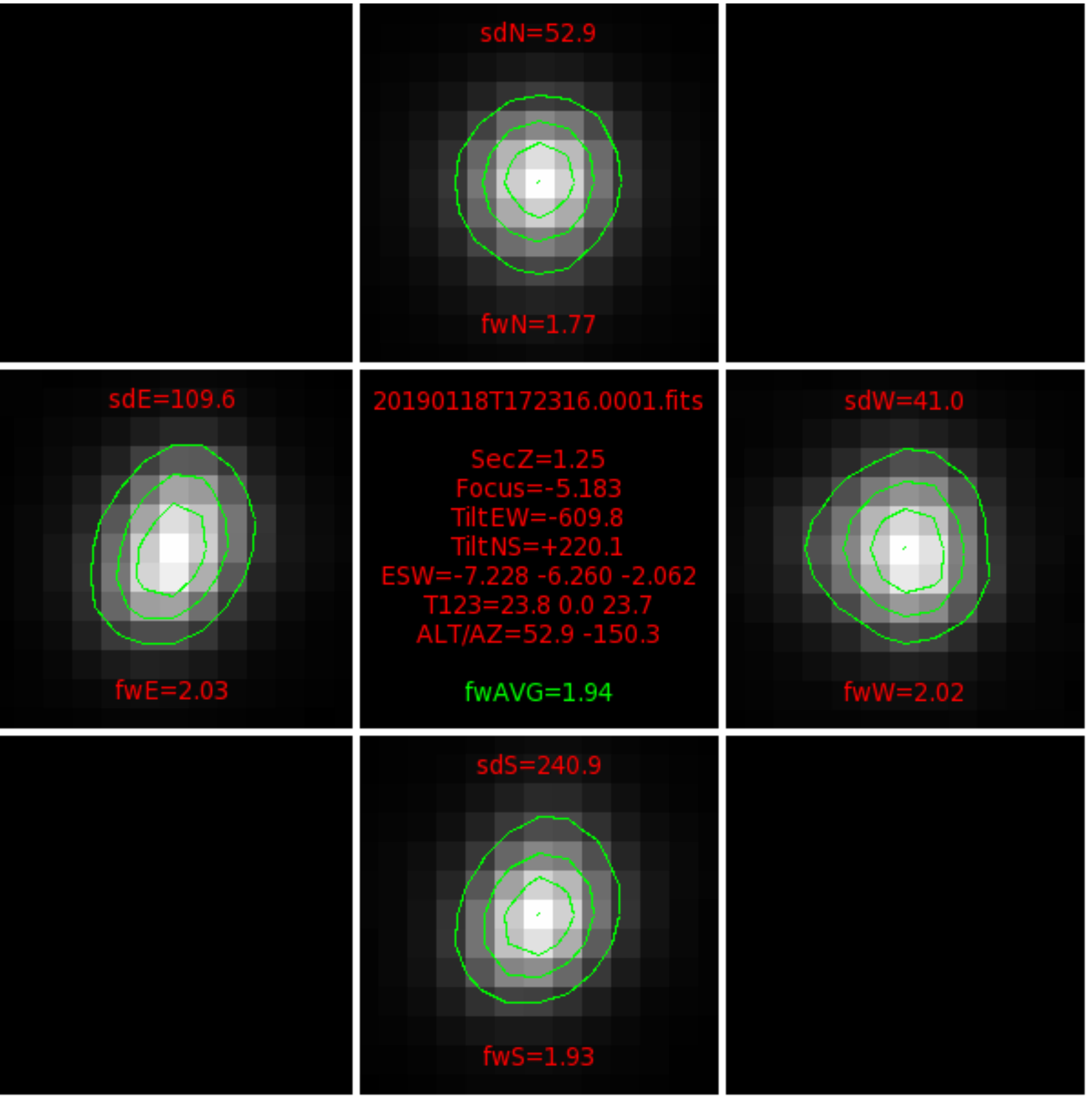

sdN=25.3
fwN=1.90
sdE=59.9
fwE=2.19
20190118T172014.0001.fits
SecZ=1.25
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.9 0.0 23.7
ALT/AZ=53.3 -151.4
fwAVG=2.08
sdW=20.3
fwW=2.18
sdS=128.5
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=24.6
fwN=2.11
sdE=60.2
fwE=2.32
20190118T172103.0001.fits
SecZ=1.25
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.9 0.0 23.7
ALT/AZ=53.2 -151.1
fwAVG=2.20
sdW=20.8
fwW=2.28
sdS=131.3
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=21.1
fwN=1.77
sdE=43.3
fwE=2.06
20190118T172227.0001.fits
SecZ=1.25
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.8 0.0 23.7
ALT/AZ=53.0 -150.6
fwAVG=1.96
sdW=15.9
fwW=2.04
sdS=92.0
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=52.9
fwN=1.77
sdE=109.6
fwE=2.03
20190118T172316.0001.fits
SecZ=1.25
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.8 0.0 23.7
ALT/AZ=52.9 -150.3
fwAVG=1.94
sdW=41.0
fwW=2.02
sdS=240.9
fwS=1.93
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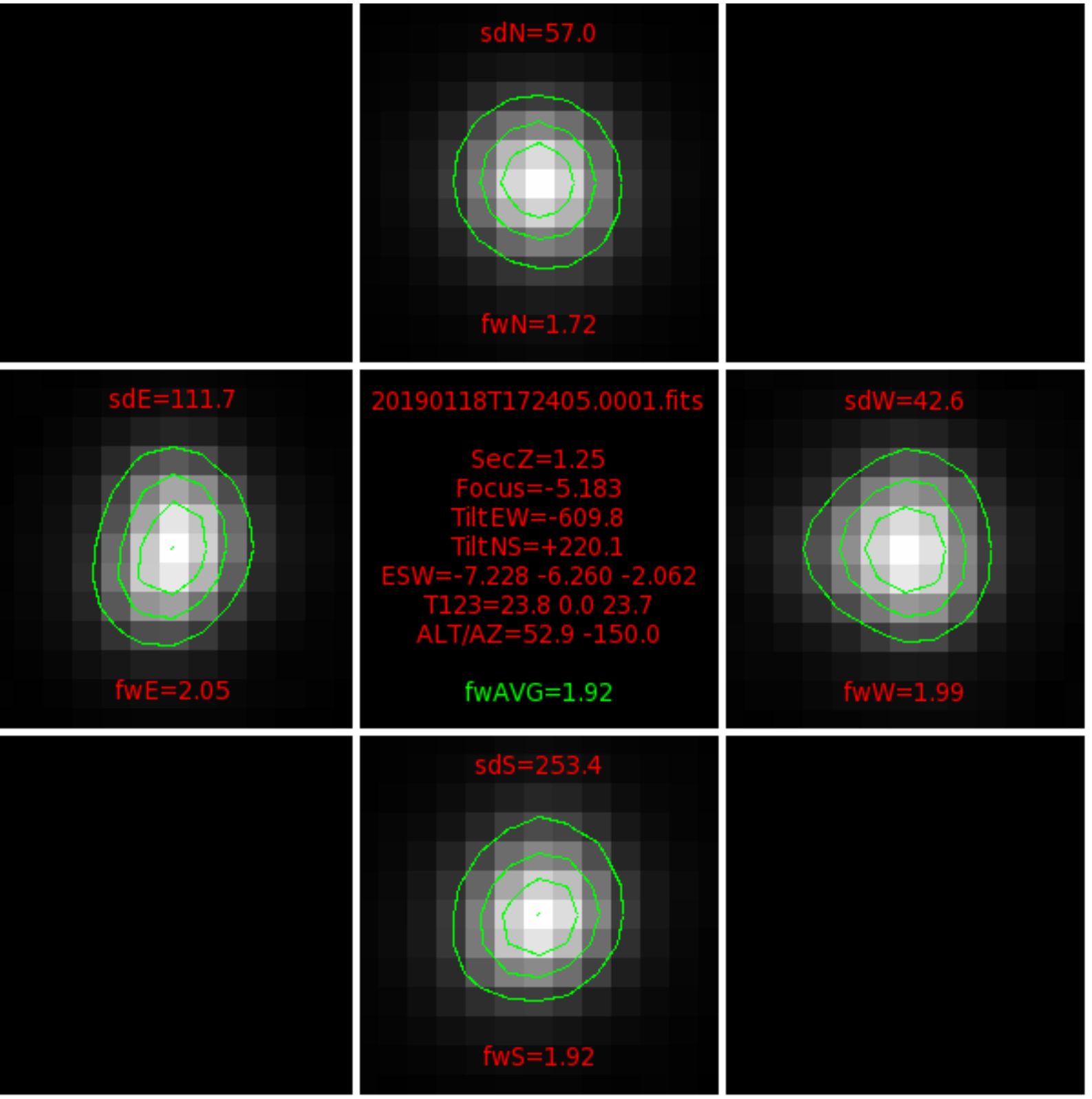
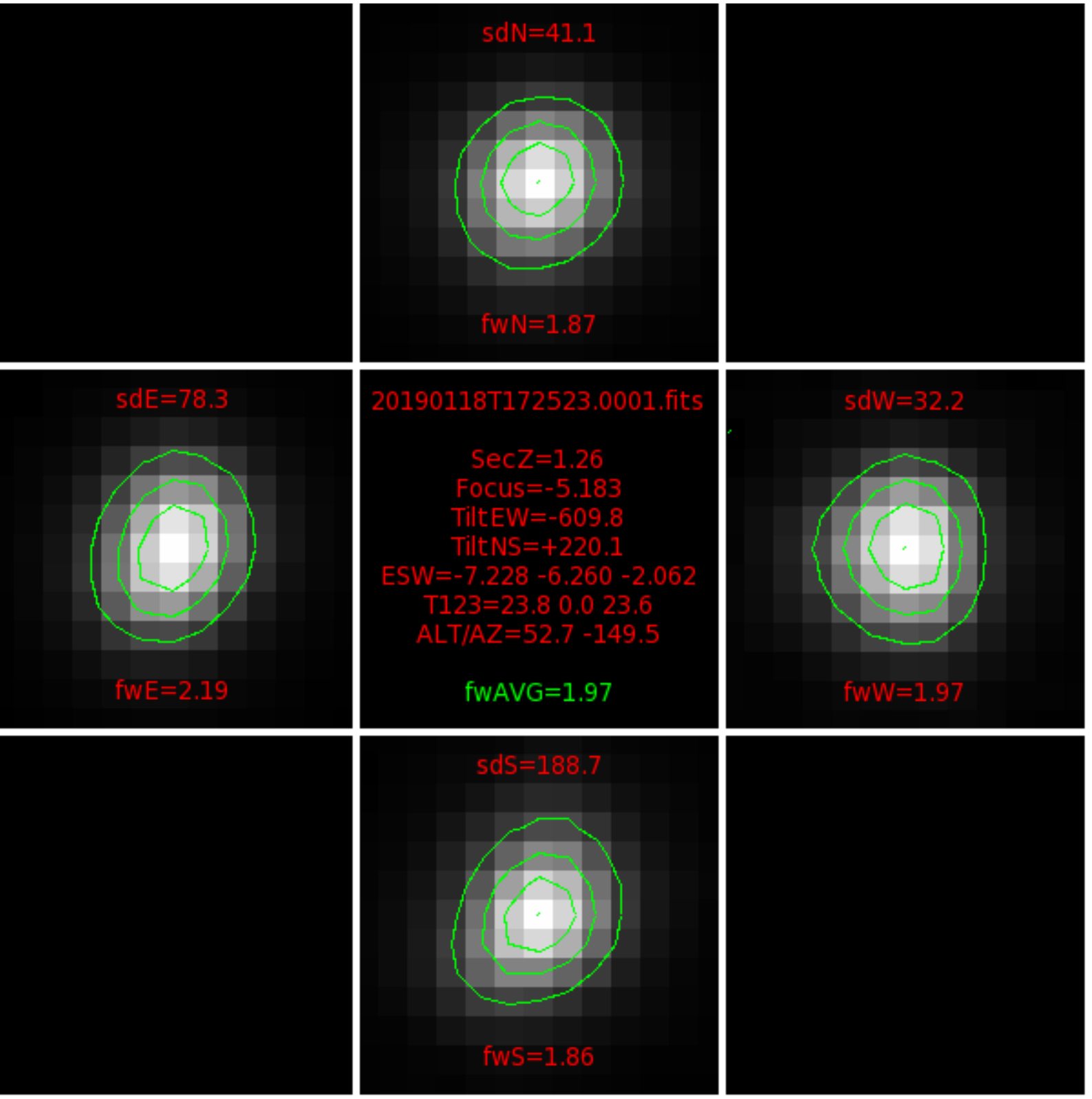

sdN=57.0
fwN=1.72
sdE=111.7
fwE=2.05
20190118T172405.0001.fits
SecZ=1.25
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.8 0.0 23.7
ALT/AZ=52.9 -150.0
fwAVG=1.92
sdW=42.6
fwW=1.99
sdS=253.4
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=41.1
fwN=1.87
sdE=78.3
fwE=2.19
20190118T172523.0001.fits
SecZ=1.26
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.8 0.0 23.6
ALT/AZ=52.7 -149.5
fwAVG=1.97
sdW=32.2
fwW=1.97
sdS=188.7
fwS=1.86
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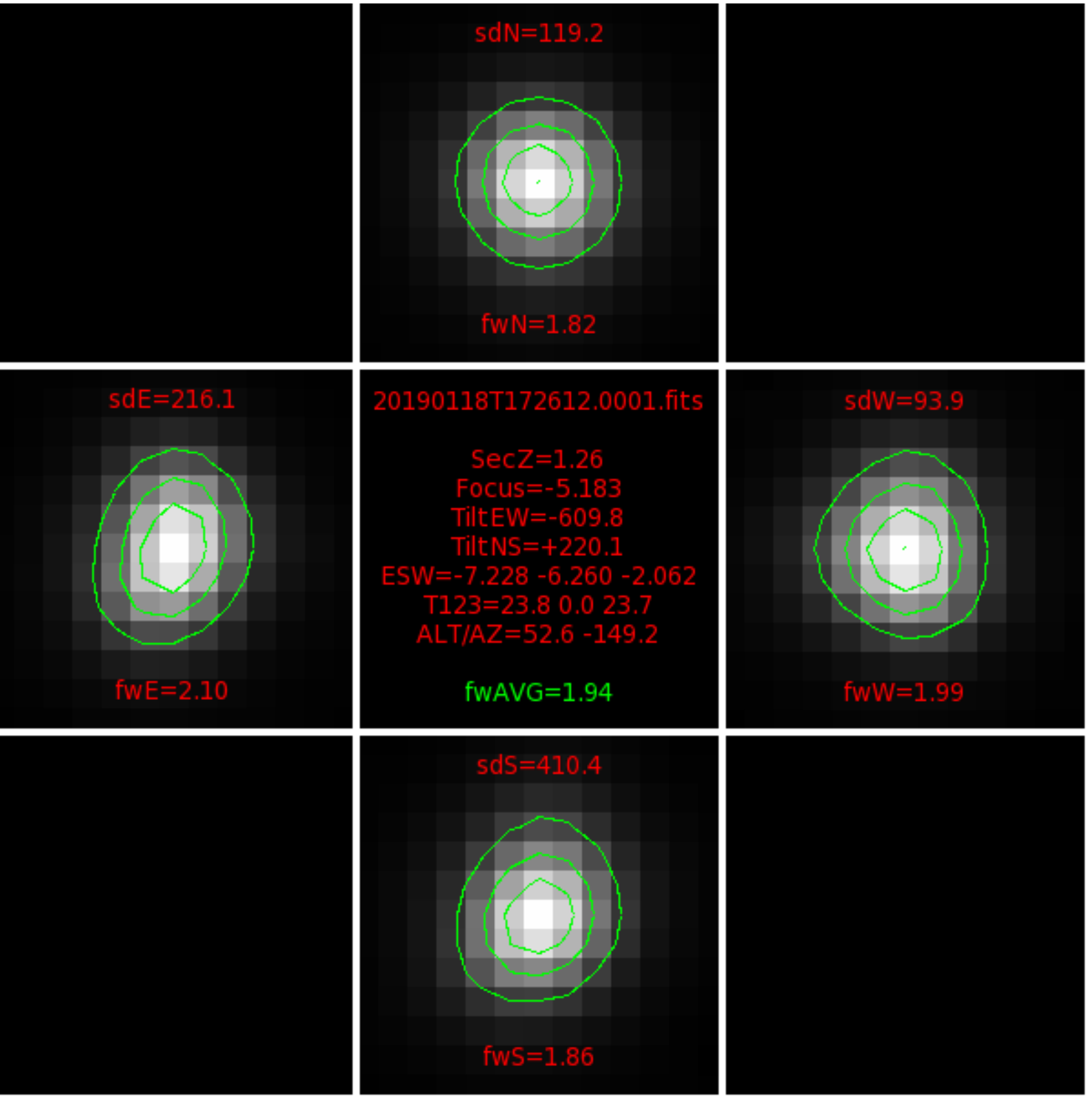
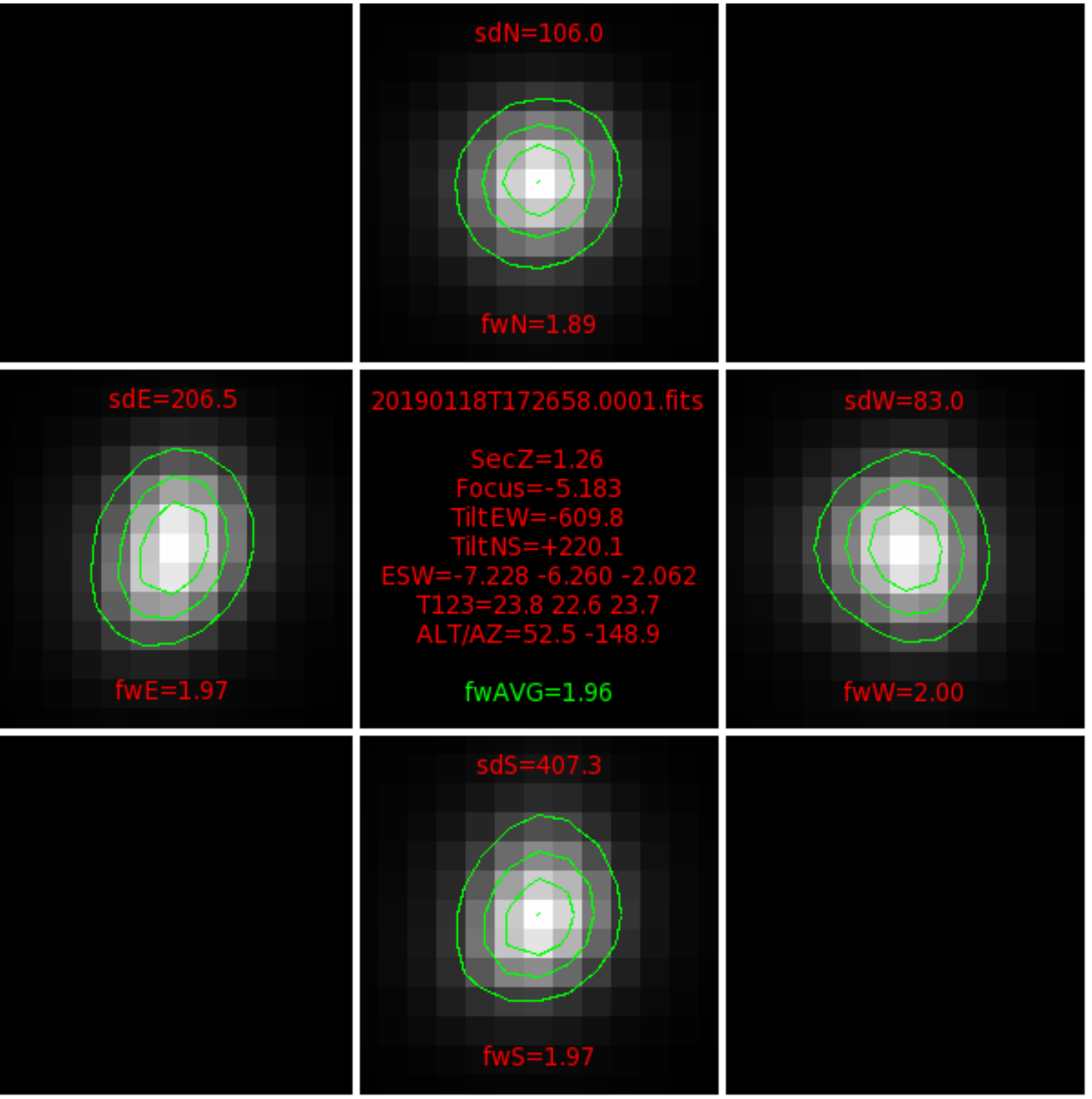
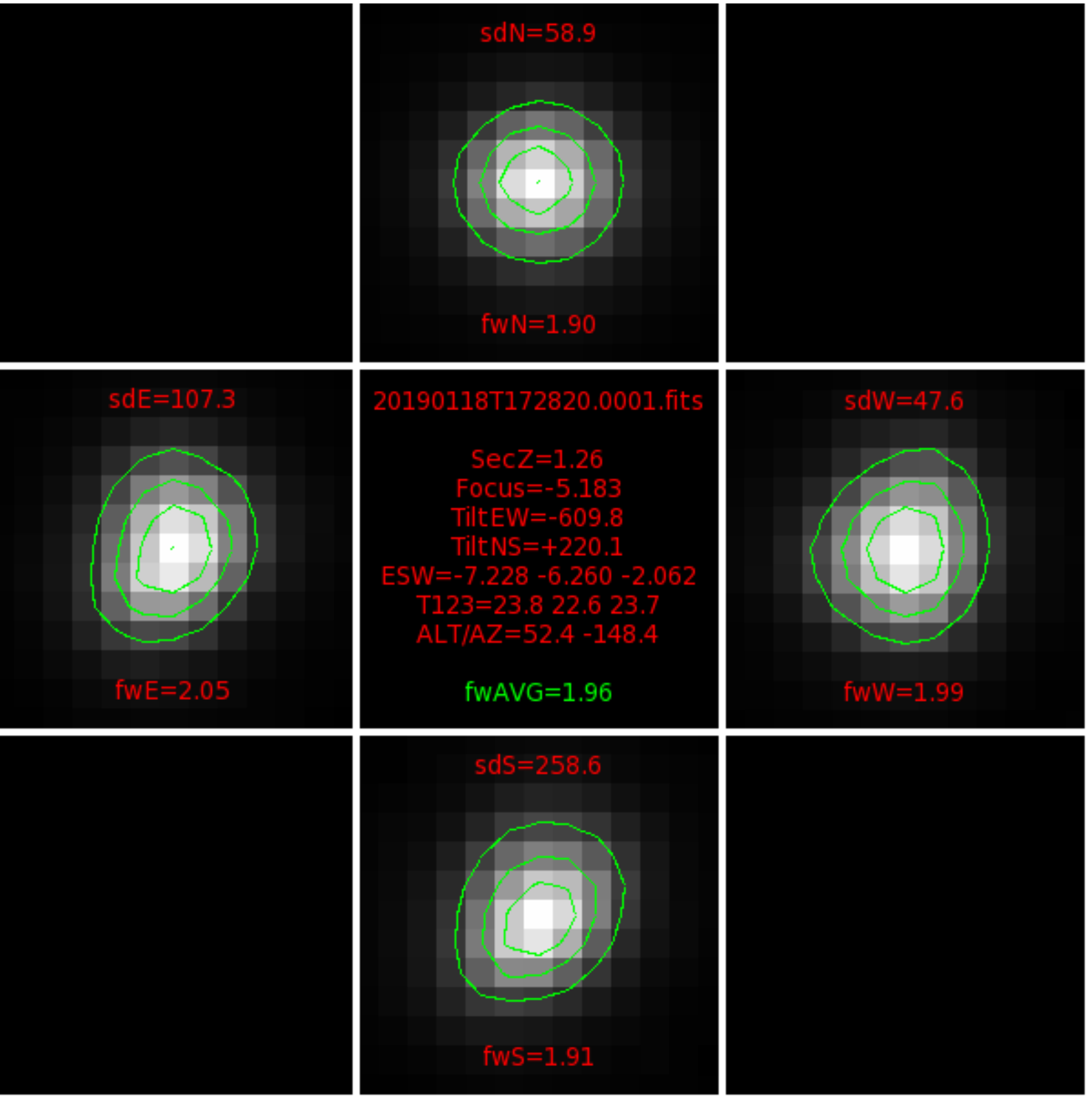

sdN=119.2
fwN=1.82
sdE=216.1
fwE=2.10
20190118T172612.0001.fits
SecZ=1.26
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.8 0.0 23.7
ALT/AZ=52.6 -149.2
fwAVG=1.94
sdW=93.9
fwW=1.99
sdS=410.4
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=106.0
fwN=1.89
sdE=206.5
fwE=1.97
20190118T172658.0001.fits
SecZ=1.26
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.8 22.6 23.7
ALT/AZ=52.5 -148.9
fwAVG=1.96
sdW=83.0
fwW=2.00
sdS=407.3
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=58.9
fwN=1.90
sdE=107.3
fwE=2.05
20190118T172820.0001.fits
SecZ=1.26
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.8 22.6 23.7
ALT/AZ=52.4 -148.4
fwAVG=1.96
sdW=47.6
fwW=1.99
sdS=258.6
fwS=1.91
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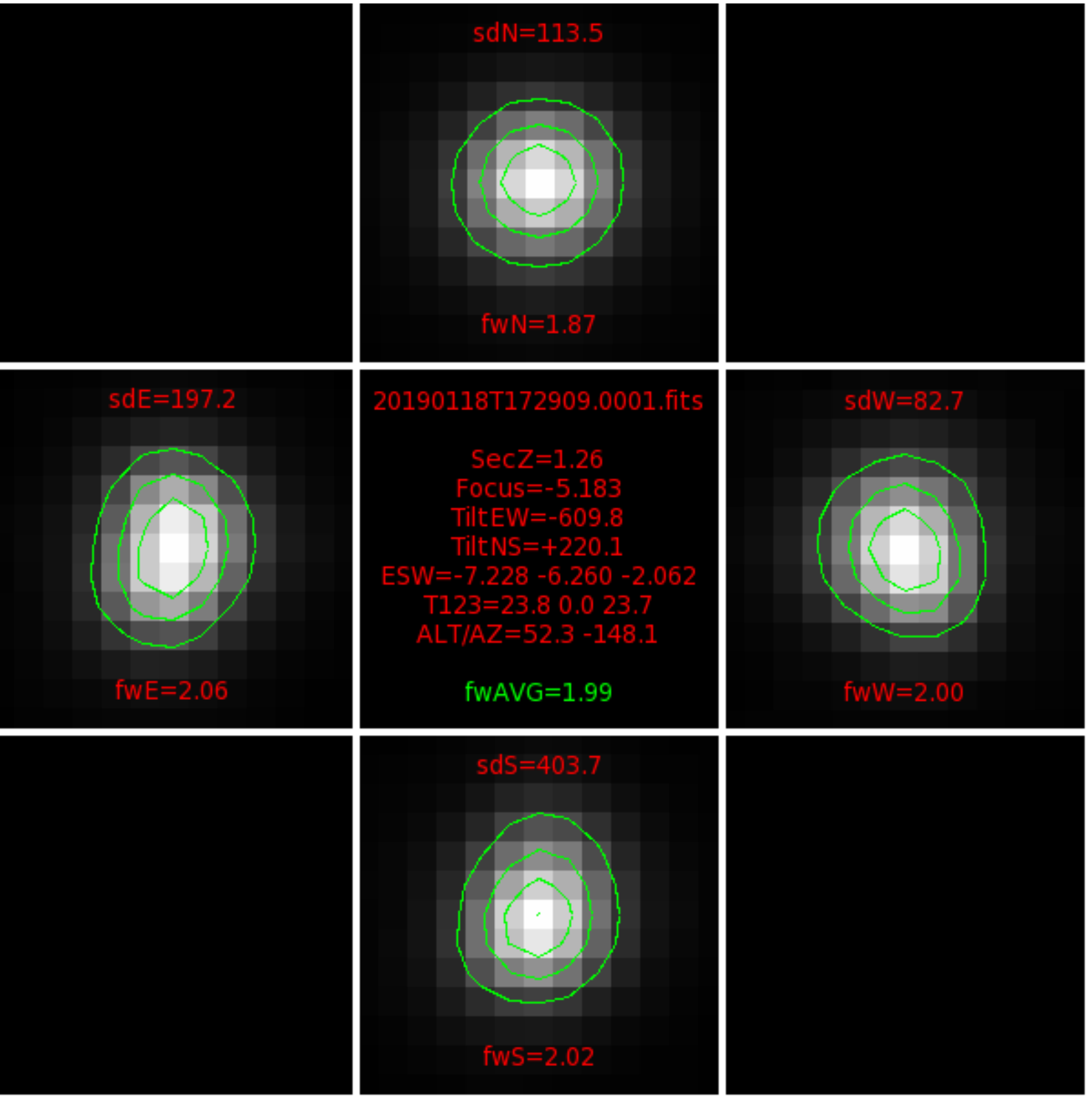
sdN=113.5
fwN=1.87
sdE=197.2
fwE=2.06
20190118T172909.0001.fits
SecZ=1.26
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.8 0.0 23.7
ALT/AZ=52.3 -148.1
fwAVG=1.99
sdW=82.7
fwW=2.00
sdS=403.7
fwS=2.02
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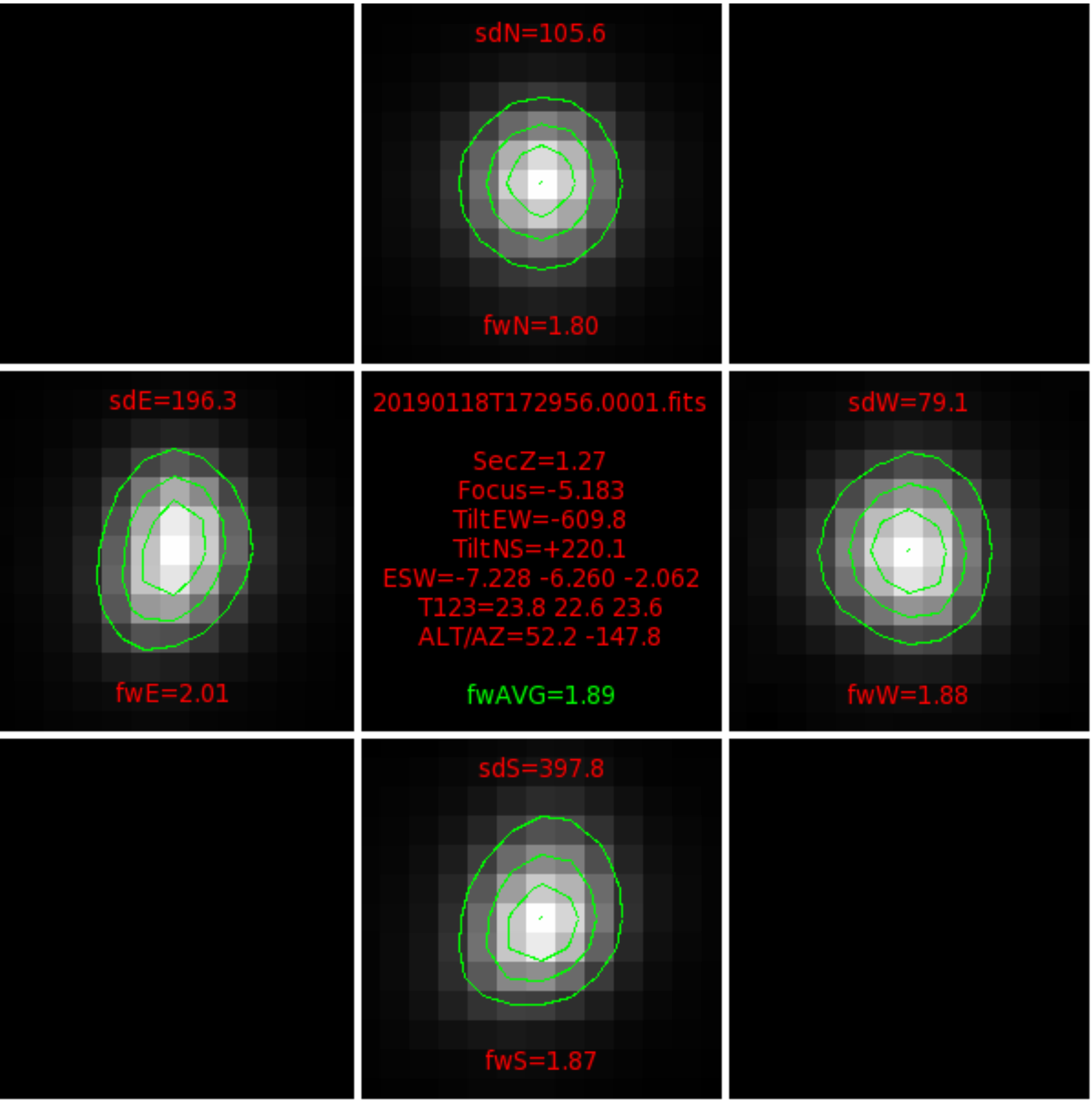
sdN=105.6
fwN=1.80
sdE=196.3
fwE=2.01
20190118T172956.0001.fits
SecZ=1.27
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.8 22.6 23.6
ALT/AZ=52.2 -147.8
fwAVG=1.89
sdW=79.1
fwW=1.88
sdS=397.8
fwS=1.87
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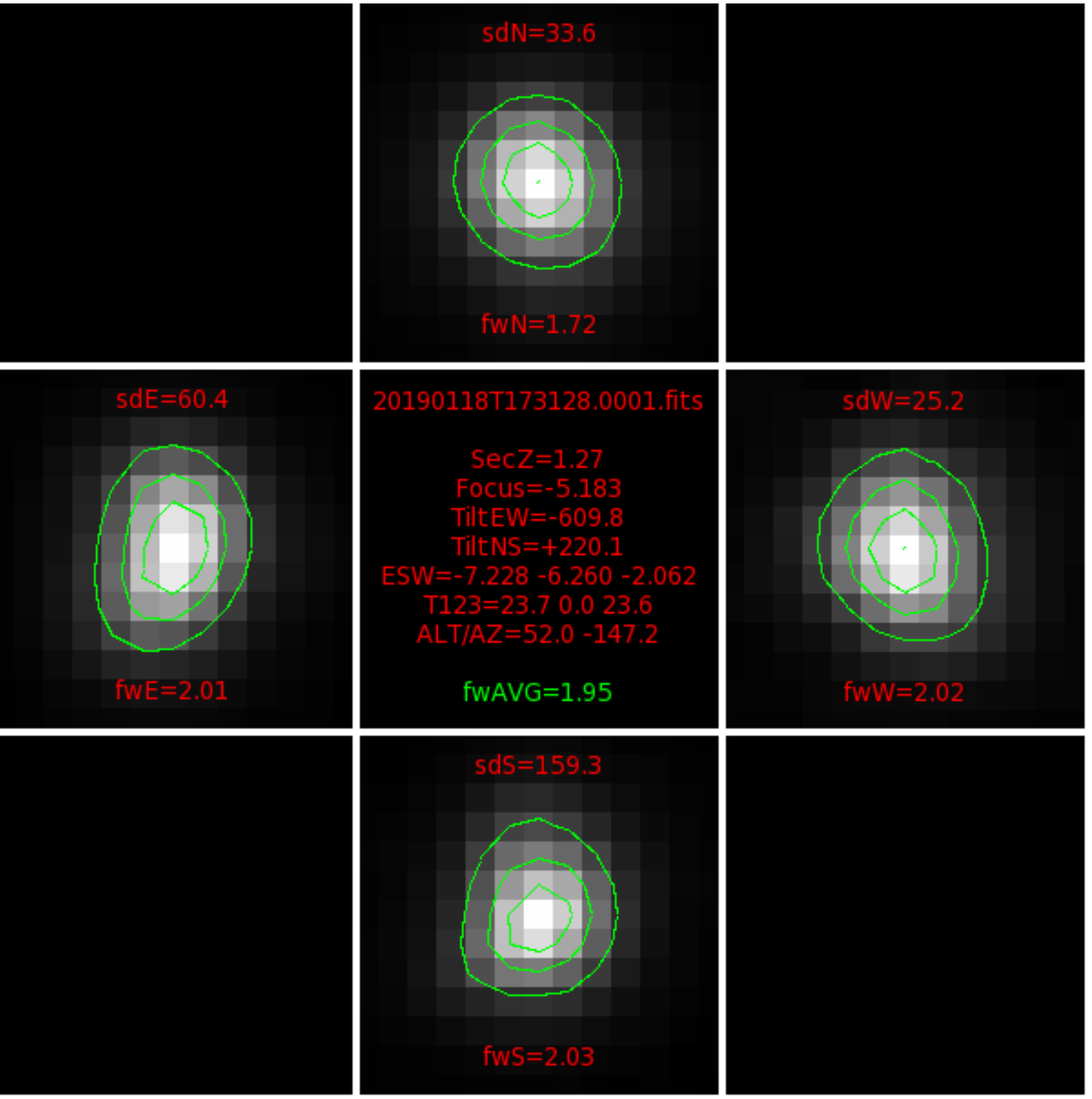
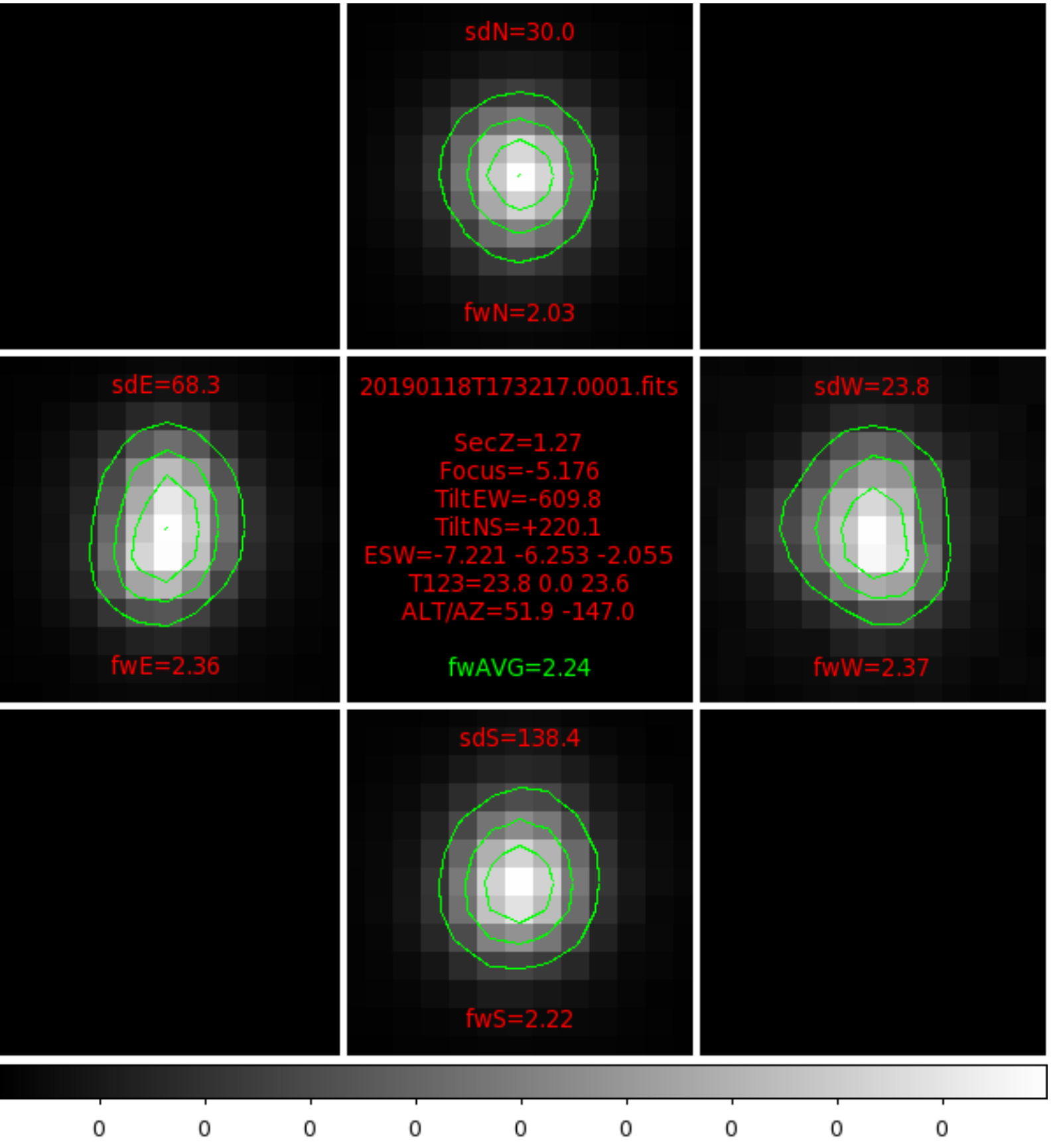

sdN=33.6
fwN=1.72
sdE=60.4
fwE=2.01
20190118T173128.0001.fits
SecZ=1.27
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.7 0.0 23.6
ALT/AZ=52.0 -147.2
fwAVG=1.95
sdW=25.2
fwW=2.02
sdS=159.3
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=30.0
fwN=2.03
sdE=68.3
fwE=2.36
20190118T173217.0001.fits
SecZ=1.27
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.8 0.0 23.6
ALT/AZ=51.9 -147.0
fwAVG=2.24
sdW=23.8
fwW=2.37
sdS=138.4
fwS=2.22
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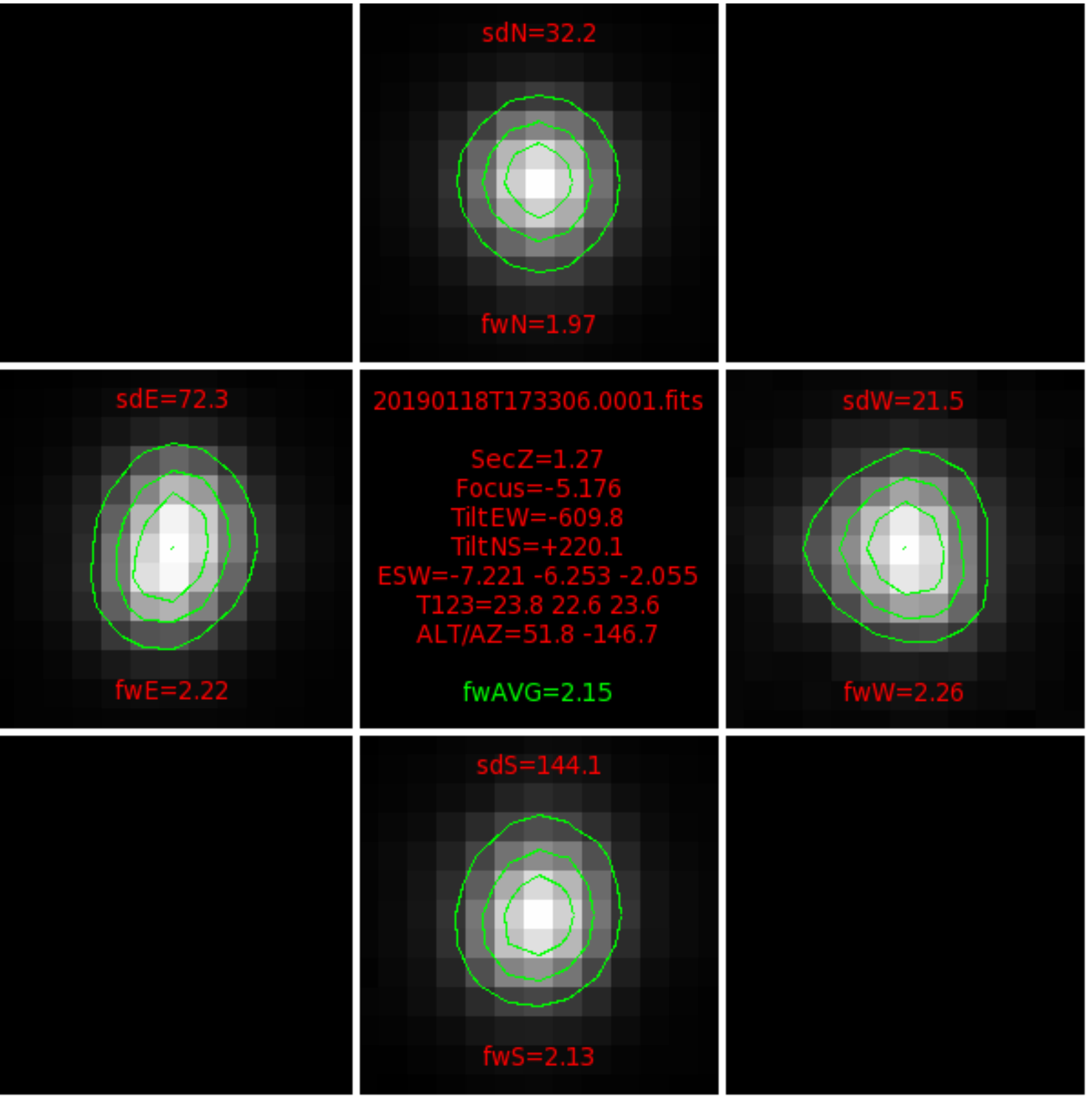
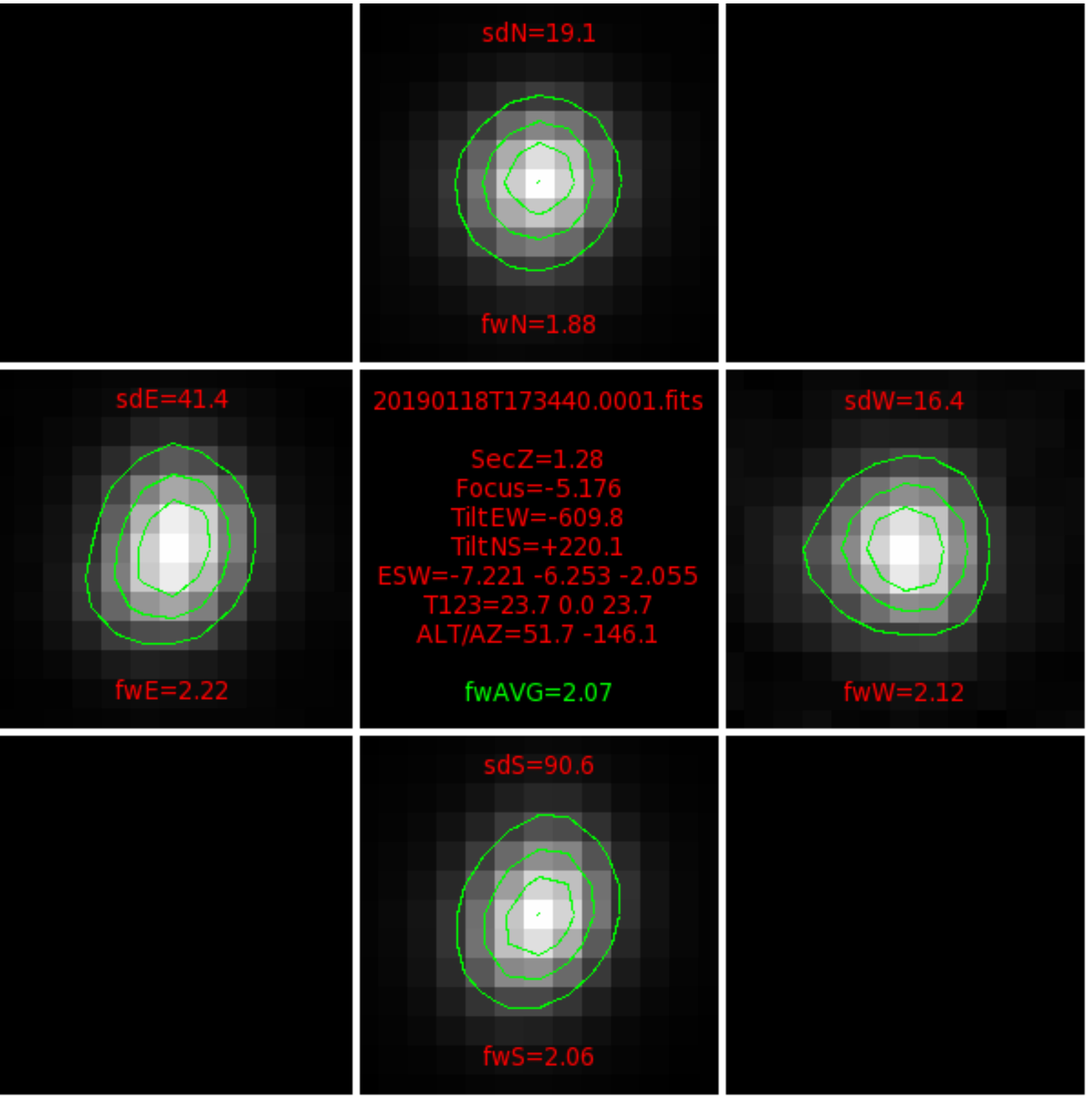
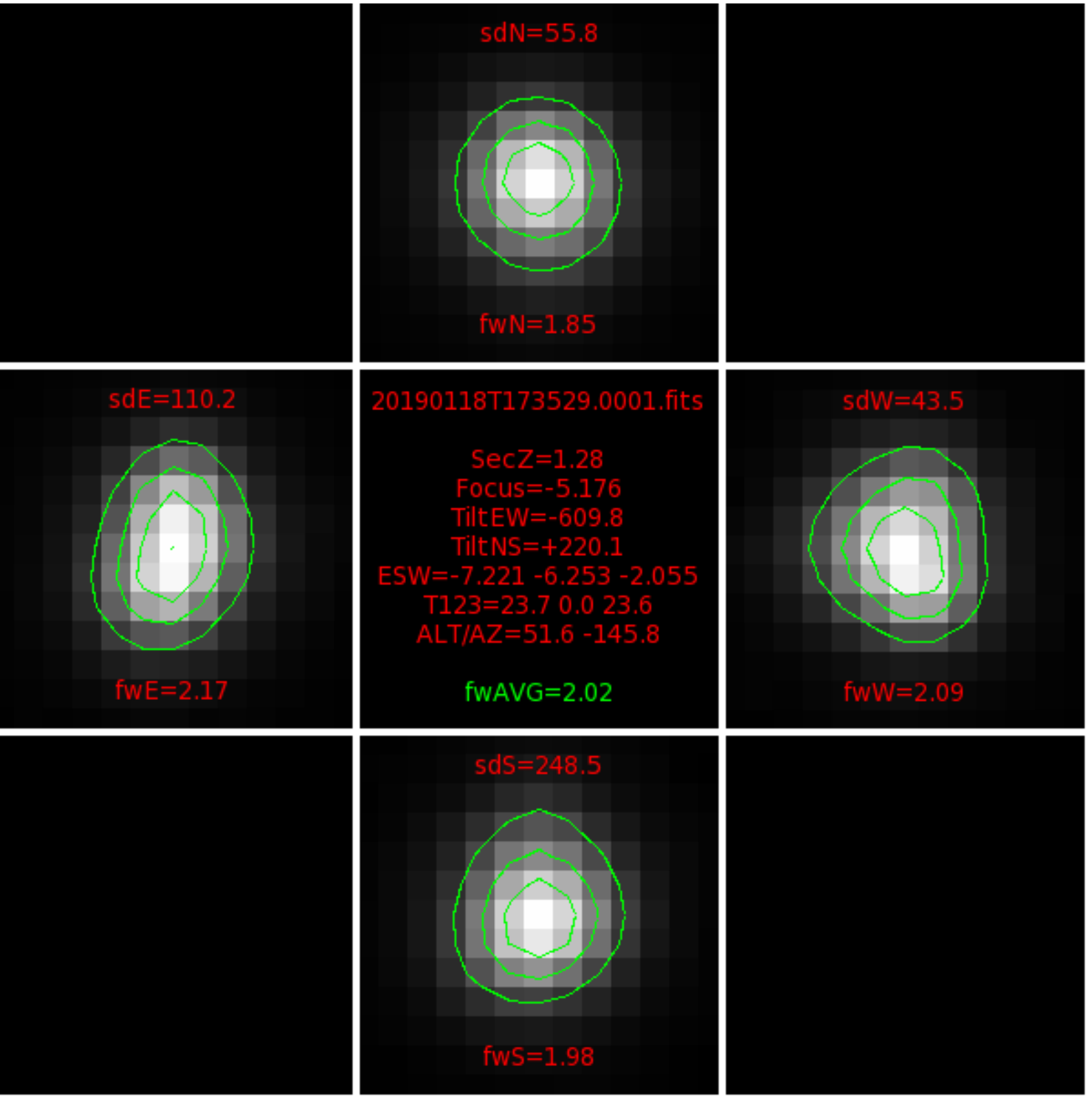
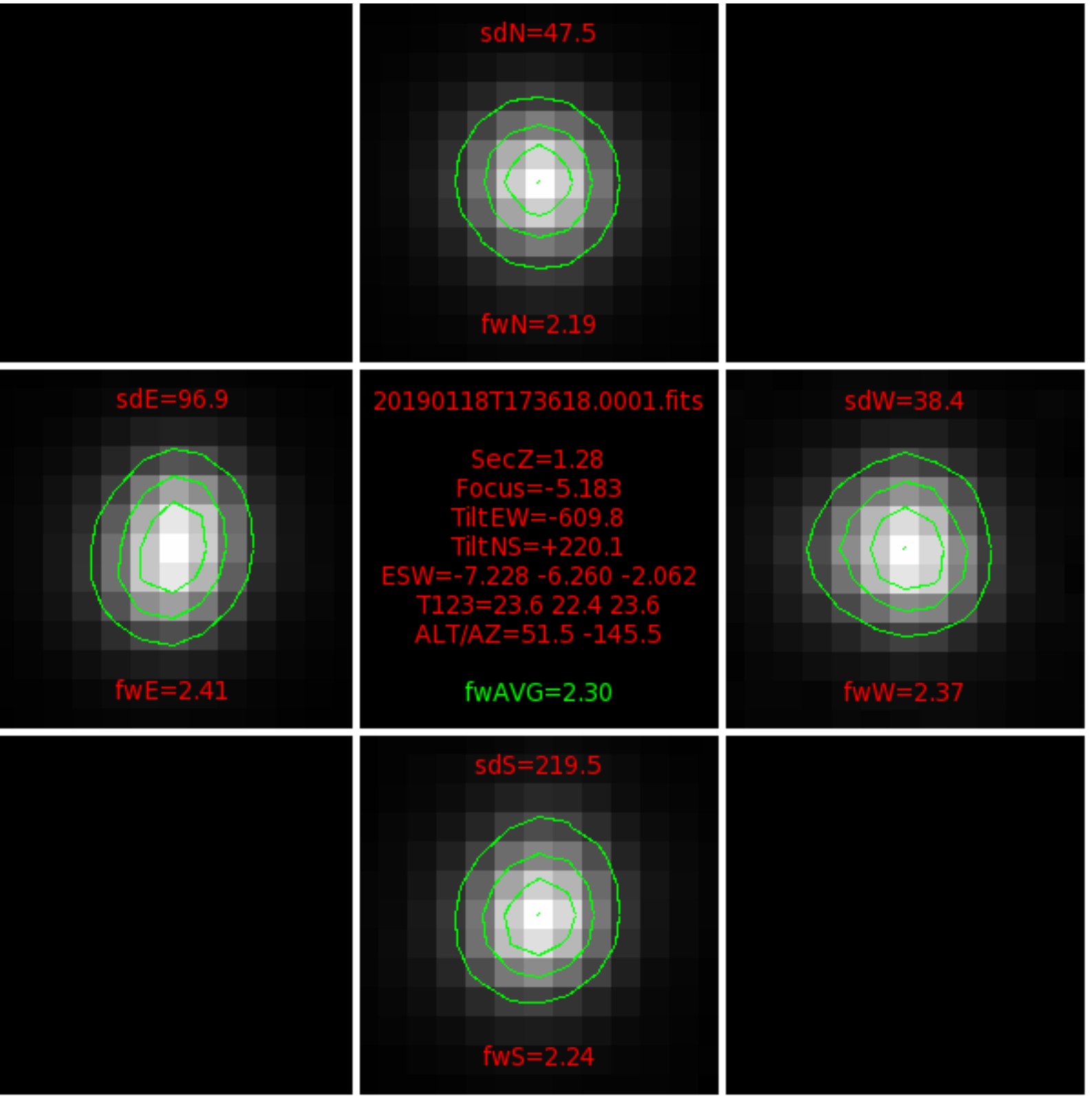

sdN=32.2
fwN=1.97
sdE=72.3
fwE=2.22
20190118T173306.0001.fits
SecZ=1.27
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.8 22.6 23.6
ALT/AZ=51.8 -146.7
fwAVG=2.15
sdW=21.5
fwW=2.26
sdS=144.1
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=19.1
fwN=1.88
sdE=41.4
fwE=2.22
20190118T173440.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.7 0.0 23.7
ALT/AZ=51.7 -146.1
fwAVG=2.07
sdW=16.4
fwW=2.12
sdS=90.6
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=55.8
fwN=1.85
sdE=110.2
fwE=2.17
20190118T173529.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.7 0.0 23.6
ALT/AZ=51.6 -145.8
fwAVG=2.02
sdW=43.5
fwW=2.09
sdS=248.5
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=47.5
fwN=2.19
sdE=96.9
fwE=2.41
20190118T173618.0001.fits
SecZ=1.28
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.6 22.4 23.6
ALT/AZ=51.5 -145.5
fwAVG=2.30
sdW=38.4
fwW=2.37
sdS=219.5
fwS=2.24
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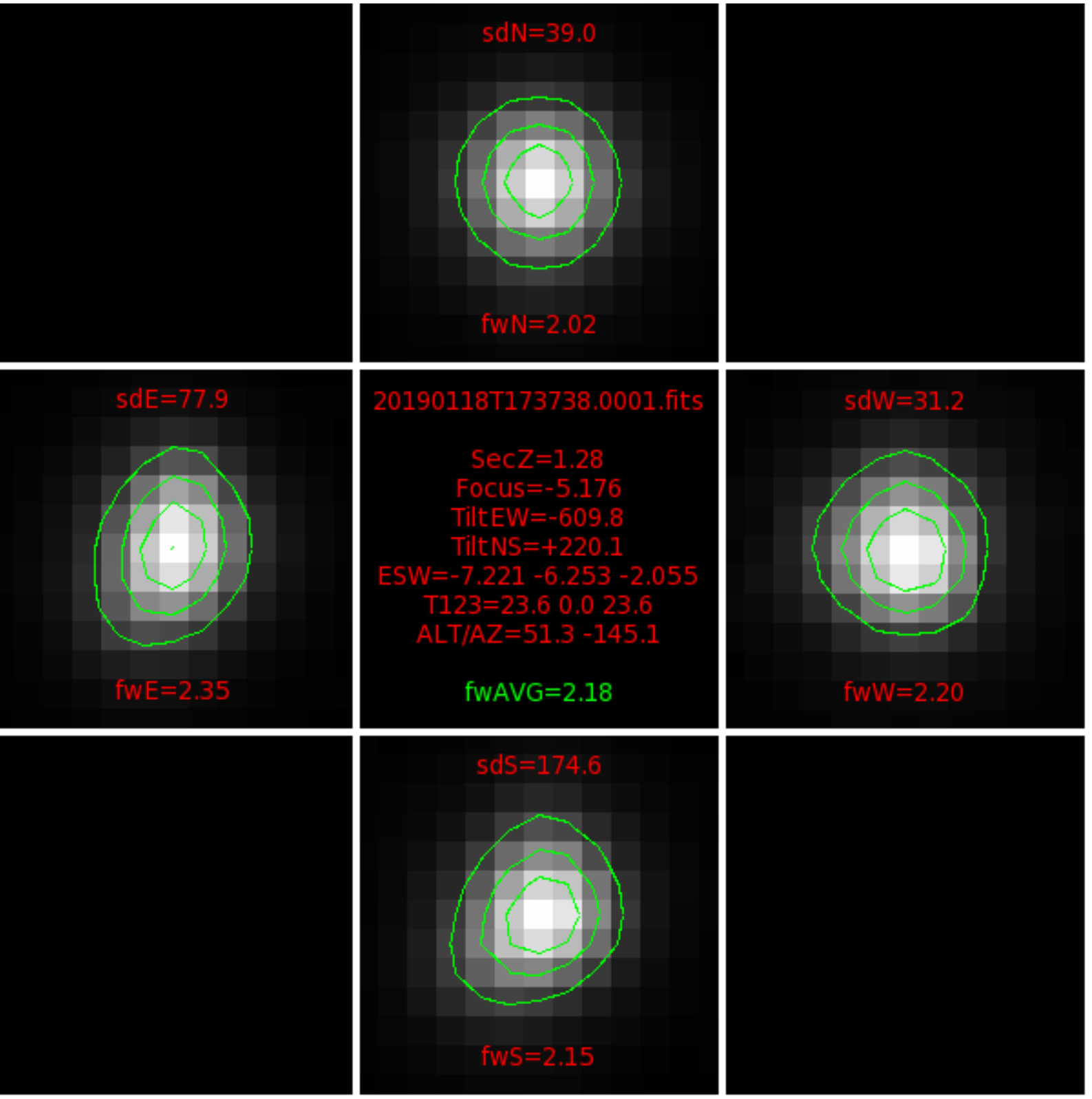
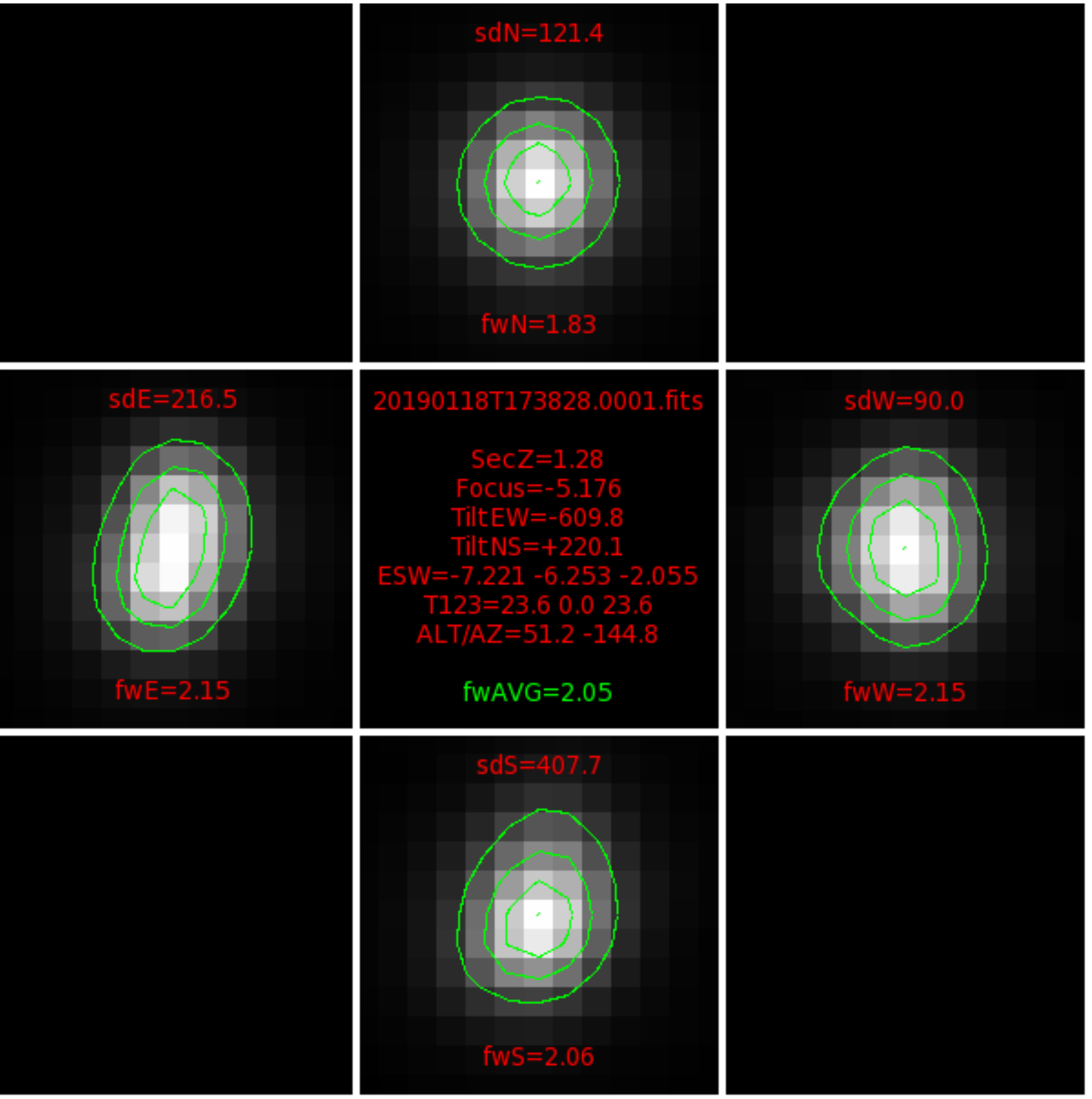
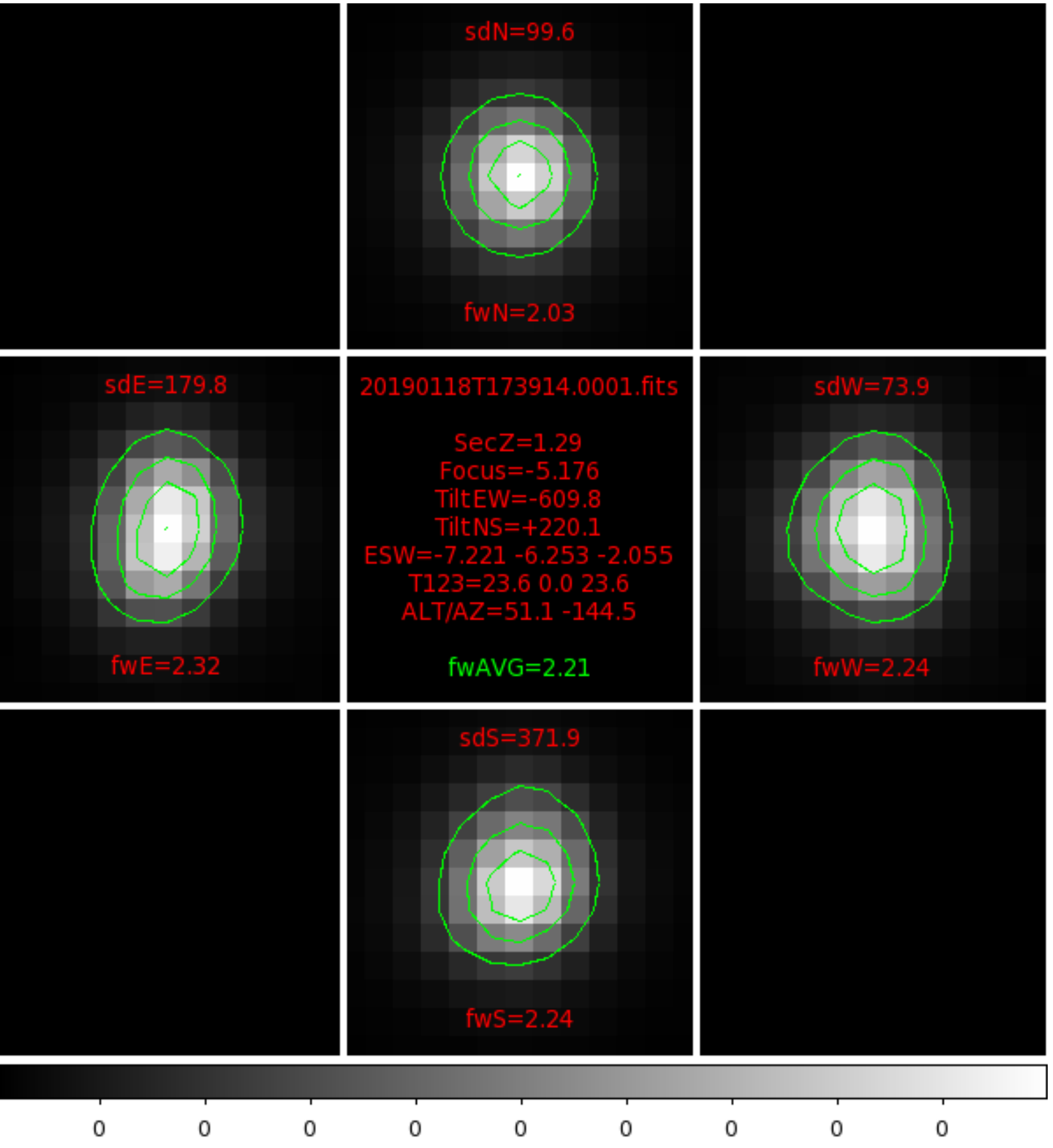

sdN=39.0
fwN=2.02
sdE=77.9
fwE=2.35
20190118T173738.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.6 0.0 23.6
ALT/AZ=51.3 -145.1
fwAVG=2.18
sdW=31.2
fwW=2.20
sdS=174.6
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=121.4
fwN=1.83
sdE=216.5
fwE=2.15
20190118T173828.0001.fits
SecZ=1.28
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.6 0.0 23.6
ALT/AZ=51.2 -144.8
fwAVG=2.05
sdW=90.0
fwW=2.15
sdS=407.7
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=99.6
fwN=2.03
sdE=179.8
fwE=2.32
20190118T173914.0001.fits
SecZ=1.29
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.6 0.0 23.6
ALT/AZ=51.1 -144.5
fwAVG=2.21
sdW=73.9
fwW=2.24
sdS=371.9
fwS=2.24
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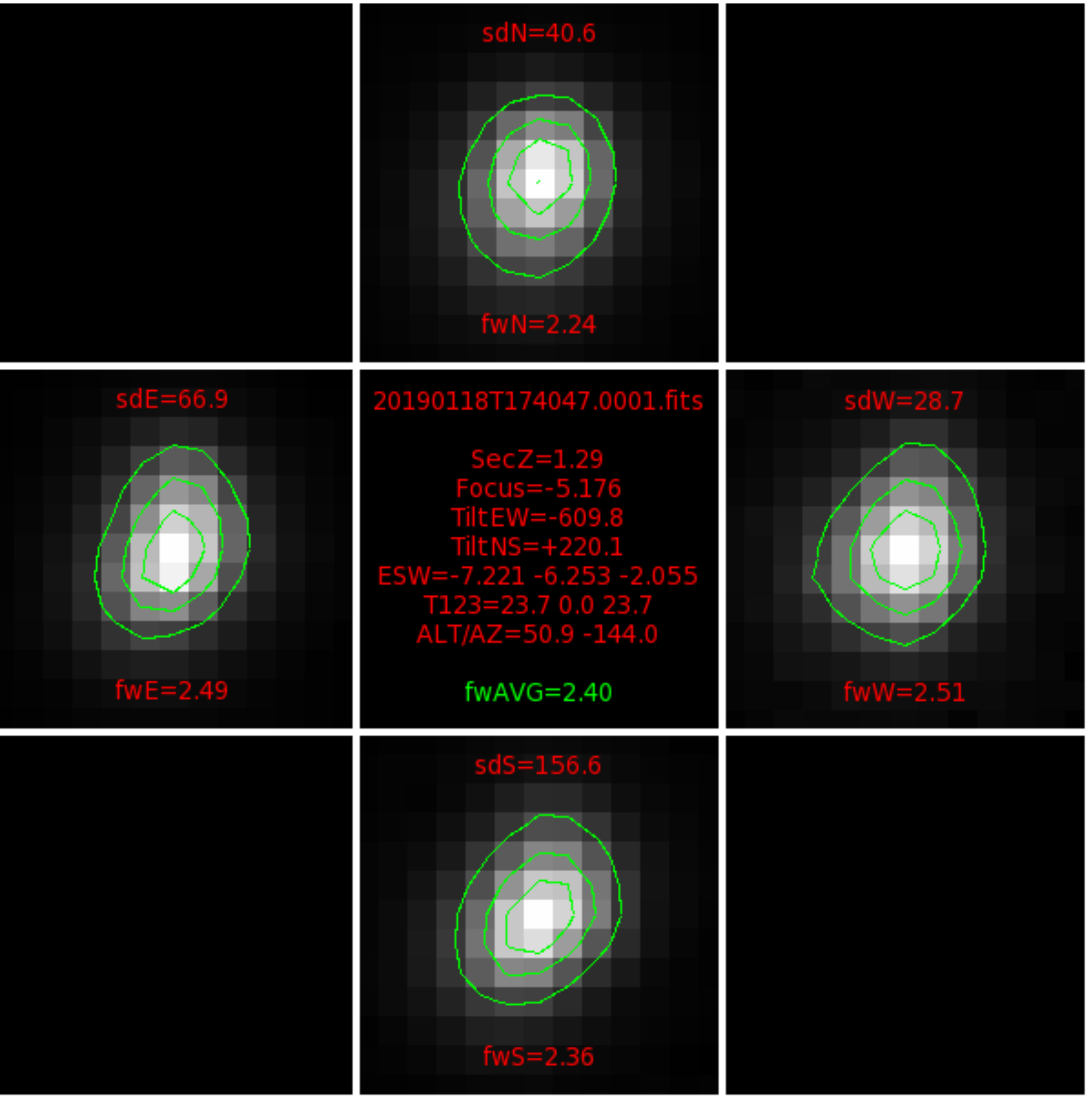
sdN=40.6
fwN=2.24
sdE=66.9
fwE=2.49
20190118T174047.0001.fits
SecZ=1.29
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.7 0.0 23.7
ALT/AZ=50.9 -144.0
fwAVG=2.40
sdW=28.7
fwW=2.51
sdS=156.6
fwS=2.36
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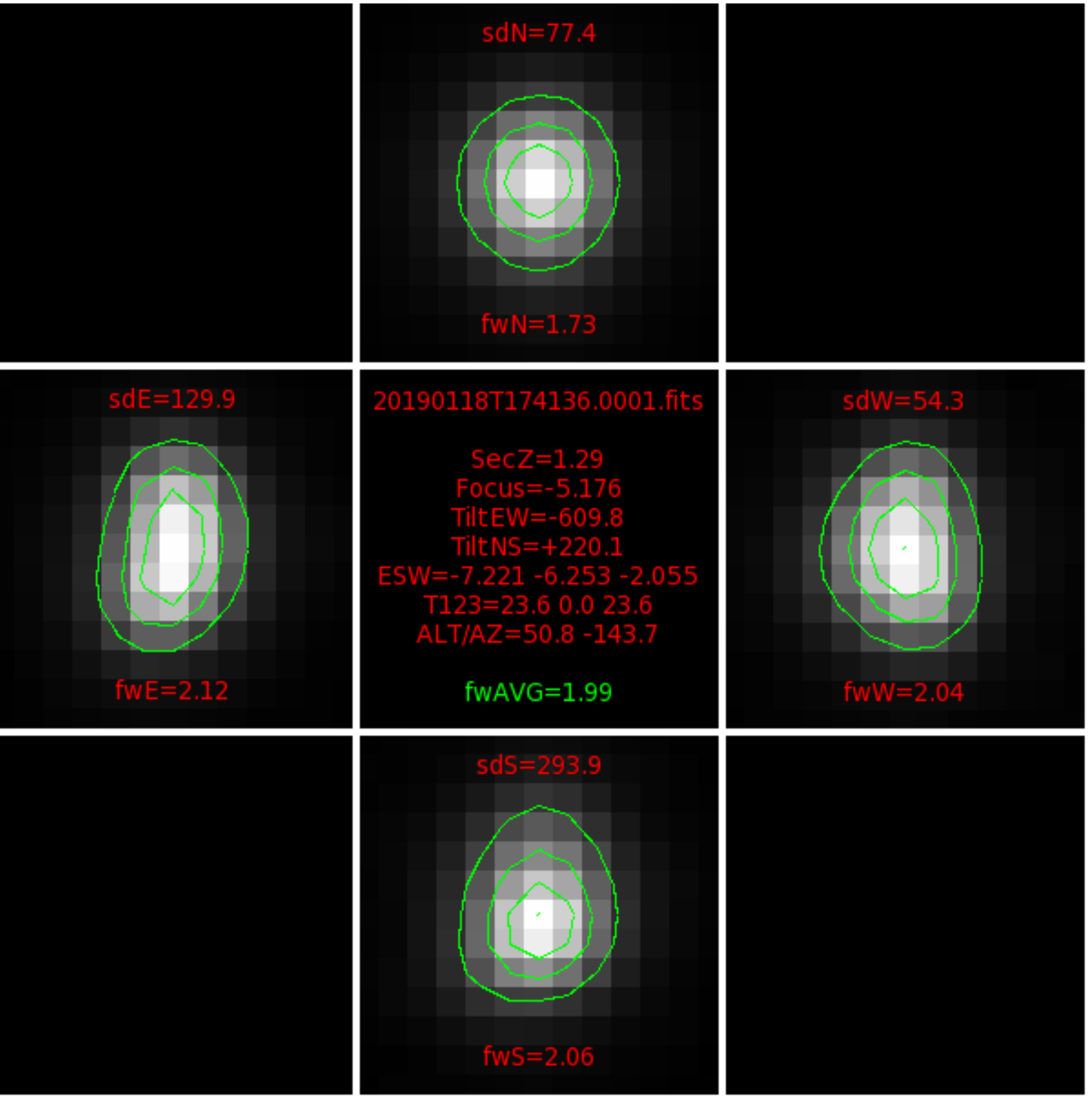
sdN=77.4
fwN=1.73
sdE=129.9
fwE=2.12
20190118T174136.0001.fits
SecZ=1.29
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.6 0.0 23.6
ALT/AZ=50.8 -143.7
fwAVG=1.99
sdW=54.3
fwW=2.04
sdS=293.9
fwS=2.06
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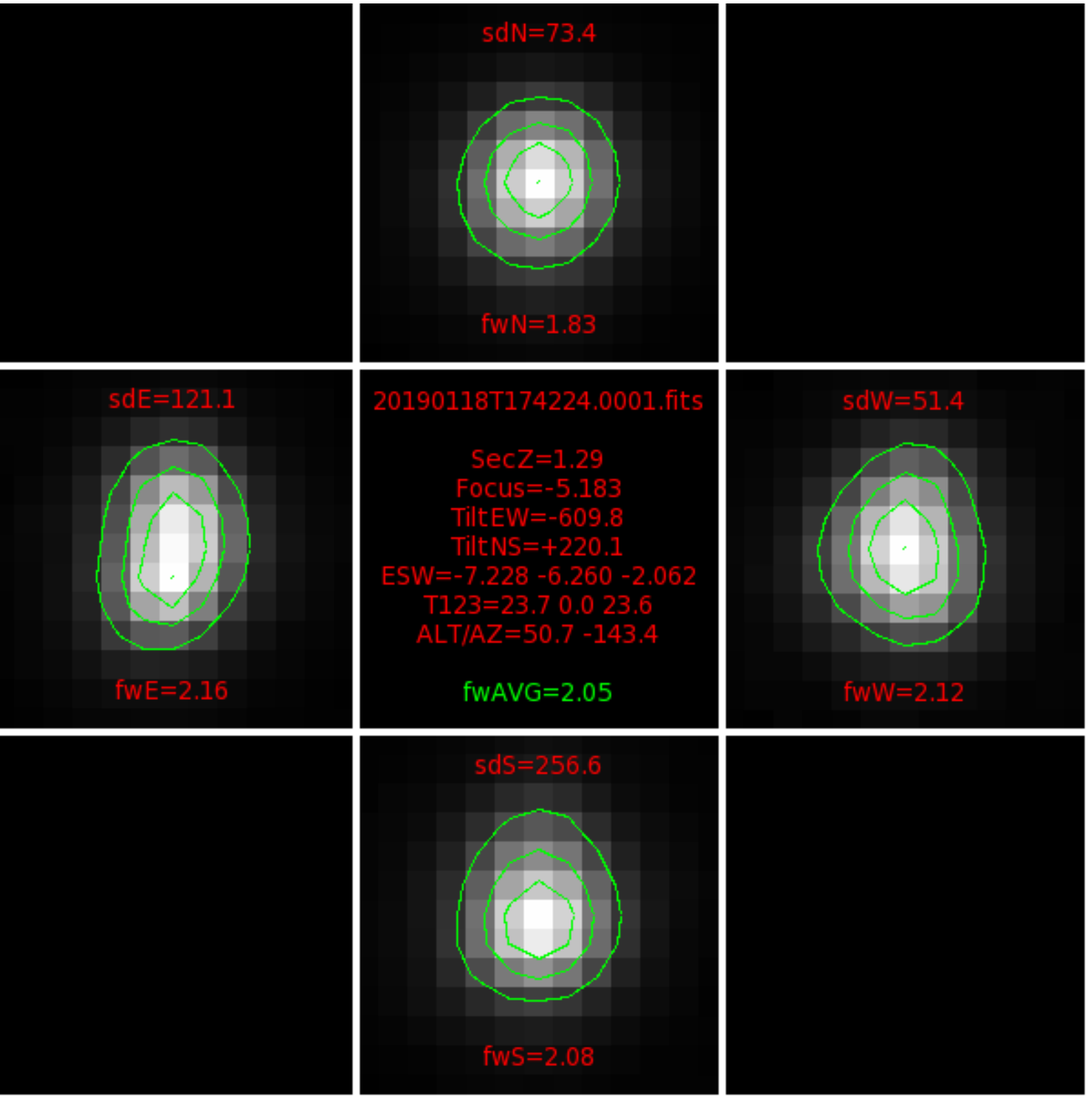
sdN=73.4
fwN=1.83
sdE=121.1
fwE=2.16
20190118T174224.0001.fits
SecZ=1.29
Focus=-5.183
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.228 -6.260 -2.062
T123=23.7 0.0 23.6
ALT/AZ=50.7 -143.4
fwAVG=2.05
sdW=51.4
fwW=2.12
sdS=256.6
fwS=2.08
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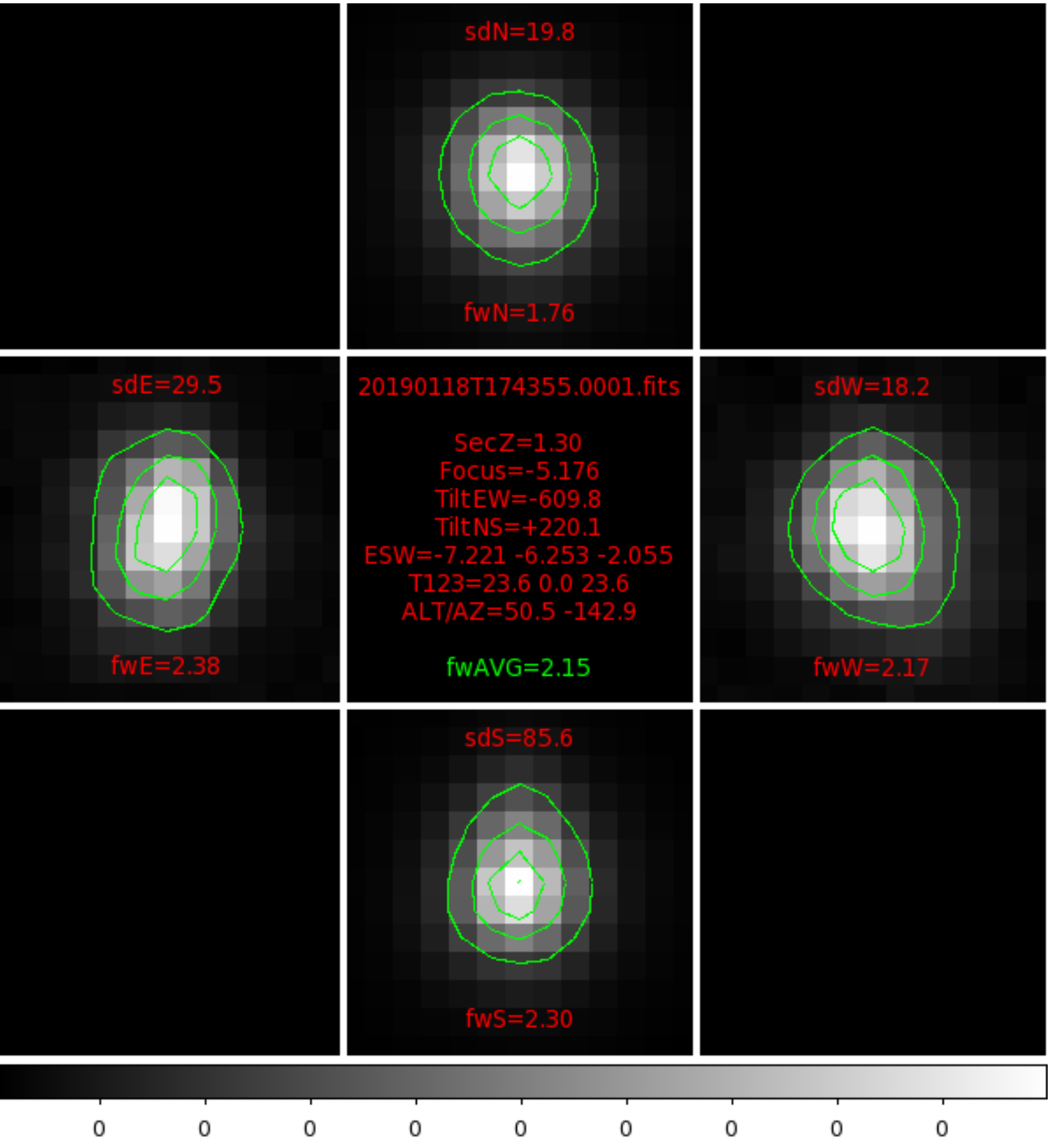
sdN=19.8
fwN=1.76
sdE=29.5
fwE=2.38
20190118T174355.0001.fits
SecZ=1.30
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.6 0.0 23.6
ALT/AZ=50.5 -142.9
fwAVG=2.15
sdW=18.2
fwW=2.17
sdS=85.6
fwS=2.30
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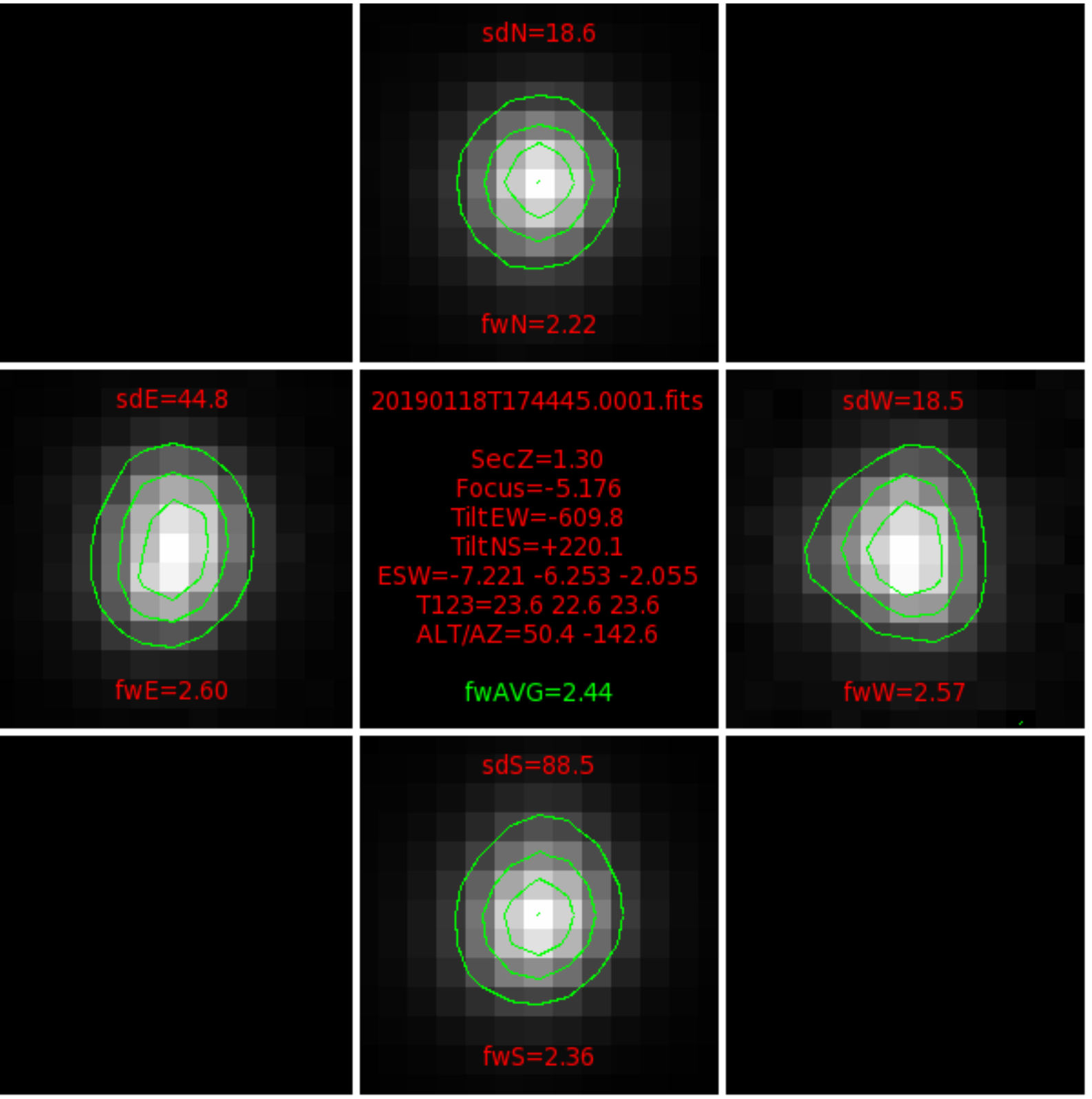
sdN=18.6
fwN=2.22
sdE=44.8
fwE=2.60
20190118T174445.0001.fits
SecZ=1.30
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.6 22.6 23.6
ALT/AZ=50.4 -142.6
fwAVG=2.44
sdW=18.5
fwW=2.57
sdS=88.5
fwS=2.36
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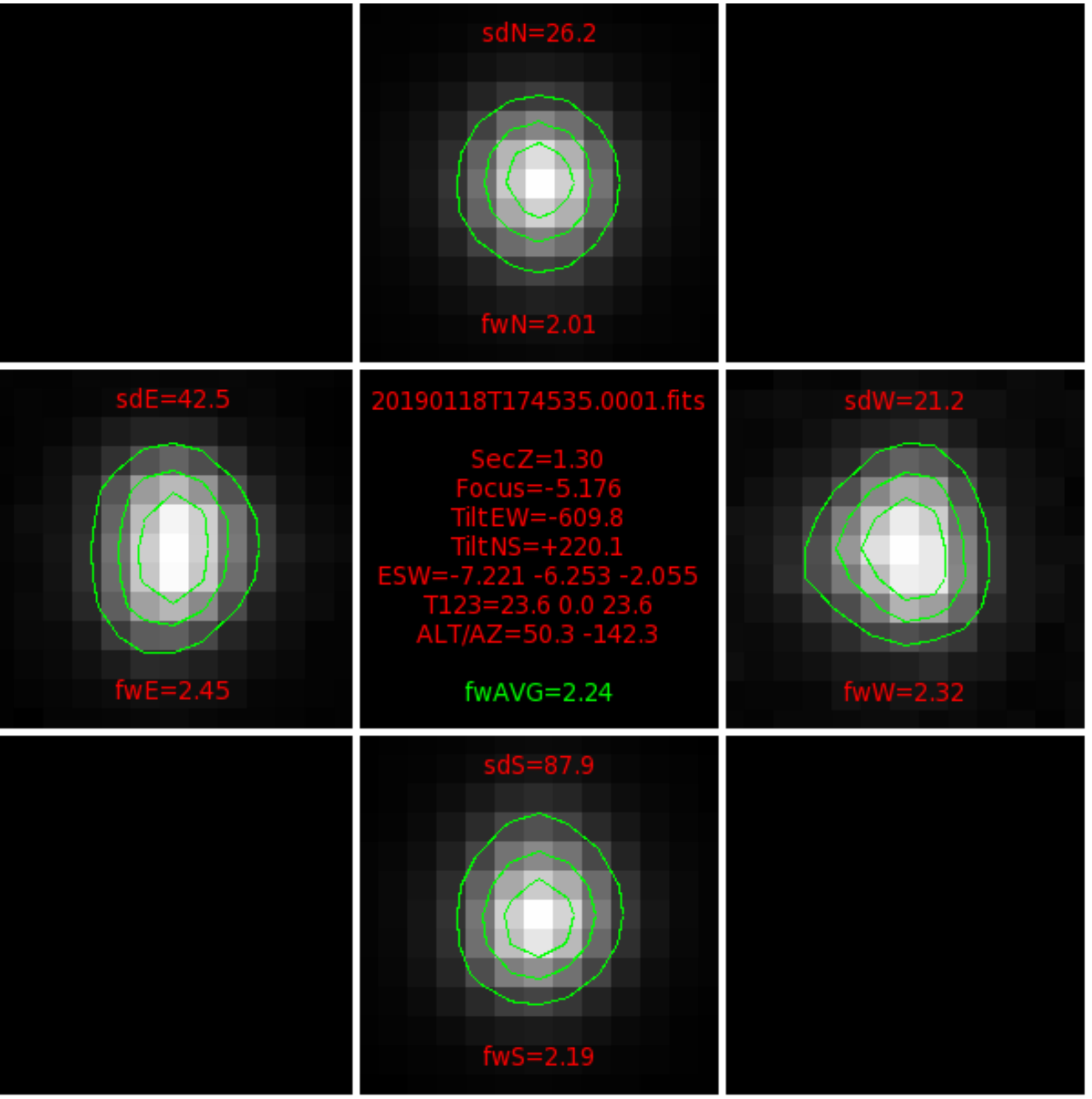
sdN=26.2
fwN=2.01
sdE=42.5
fwE=2.45
20190118T174535.0001.fits
SecZ=1.30
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.6 0.0 23.6
ALT/AZ=50.3 -142.3
fwAVG=2.24
sdW=21.2
fwW=2.32
sdS=87.9
fwS=2.19
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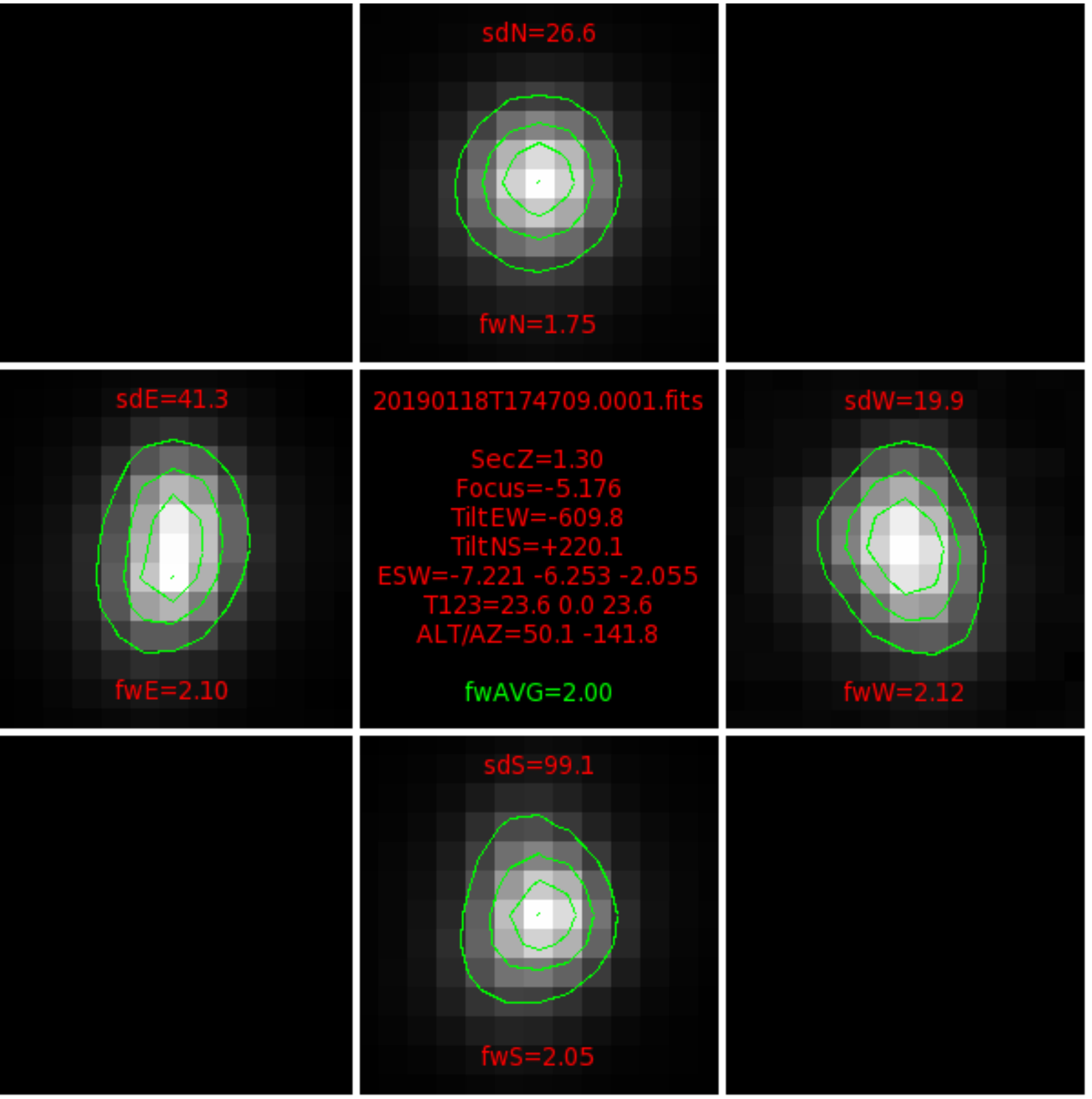
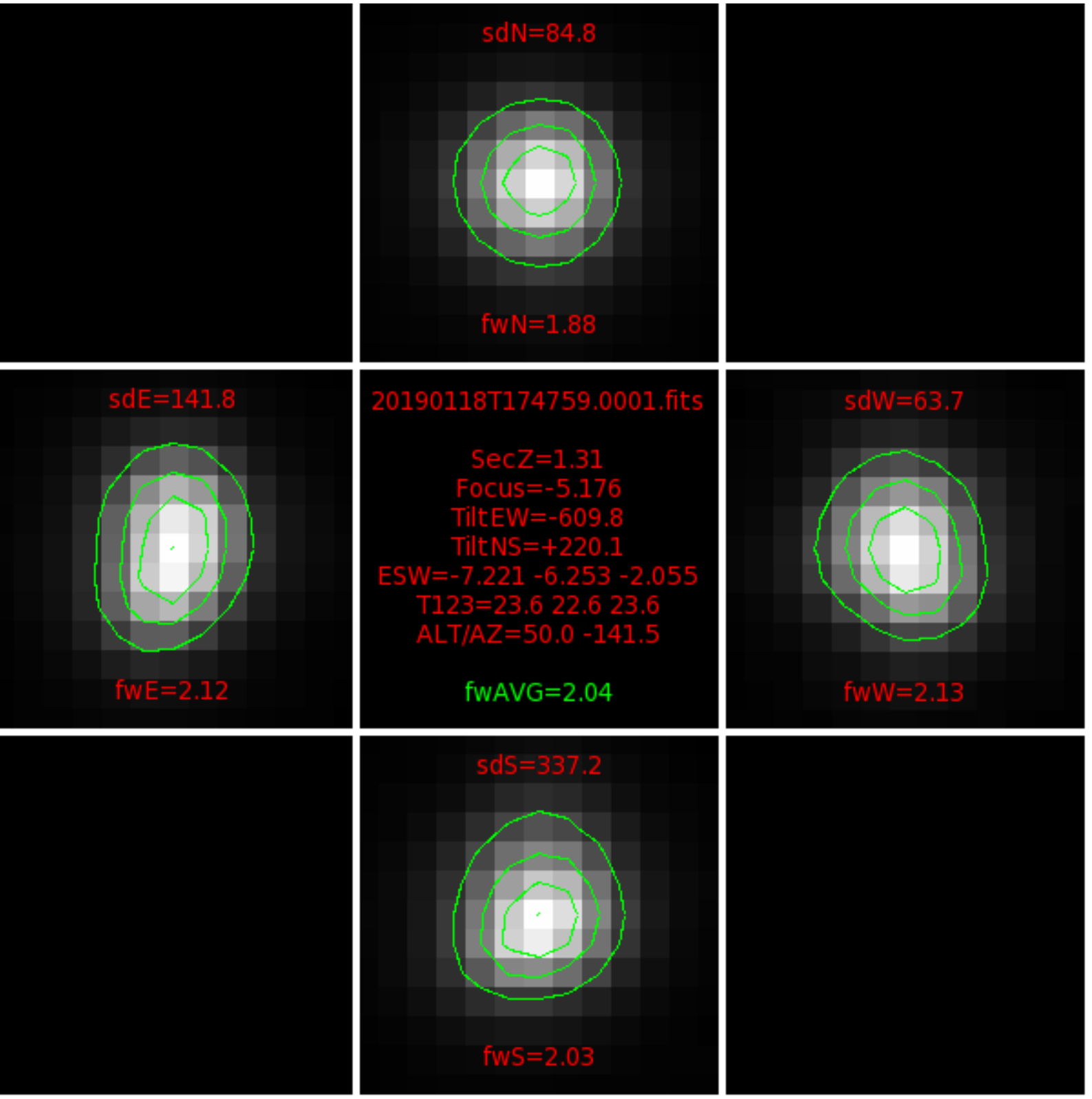

sdN=26.6
fwN=1.75
sdE=41.3
fwE=2.10
20190118T174709.0001.fits
SecZ=1.30
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.6 0.0 23.6
ALT/AZ=50.1 -141.8
fwAVG=2.00
sdW=19.9
fwW=2.12
sdS=99.1
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=84.8
fwN=1.88
sdE=141.8
fwE=2.12
20190118T174759.0001.fits
SecZ=1.31
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.6 22.6 23.6
ALT/AZ=50.0 -141.5
fwAVG=2.04
sdW=63.7
fwW=2.13
sdS=337.2
fwS=2.03
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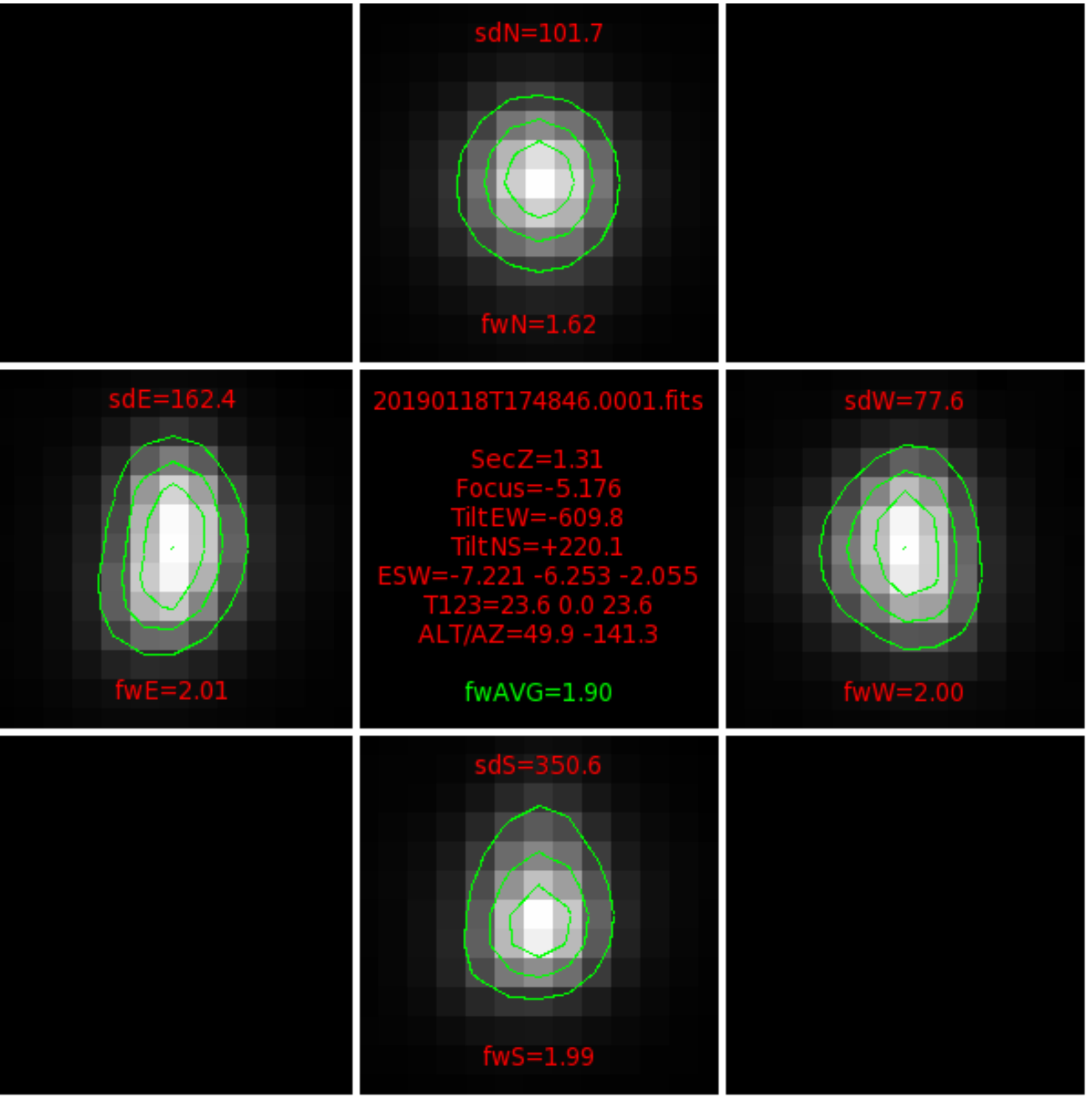
sdN=101.7
fwN=1.62
sdE=162.4
fwE=2.01
20190118T174846.0001.fits
SecZ=1.31
Focus=-5.176
TiltEW=-609.8
TiltNS=+220.1
ESW=-7.221 -6.253 -2.055
T123=23.6 0.0 23.6
ALT/AZ=49.9 -141.3
fwAVG=1.90
sdW=77.6
fwW=2.00
sdS=350.6
fwS=1.99
0 0 0 0 0 0 0 0 0