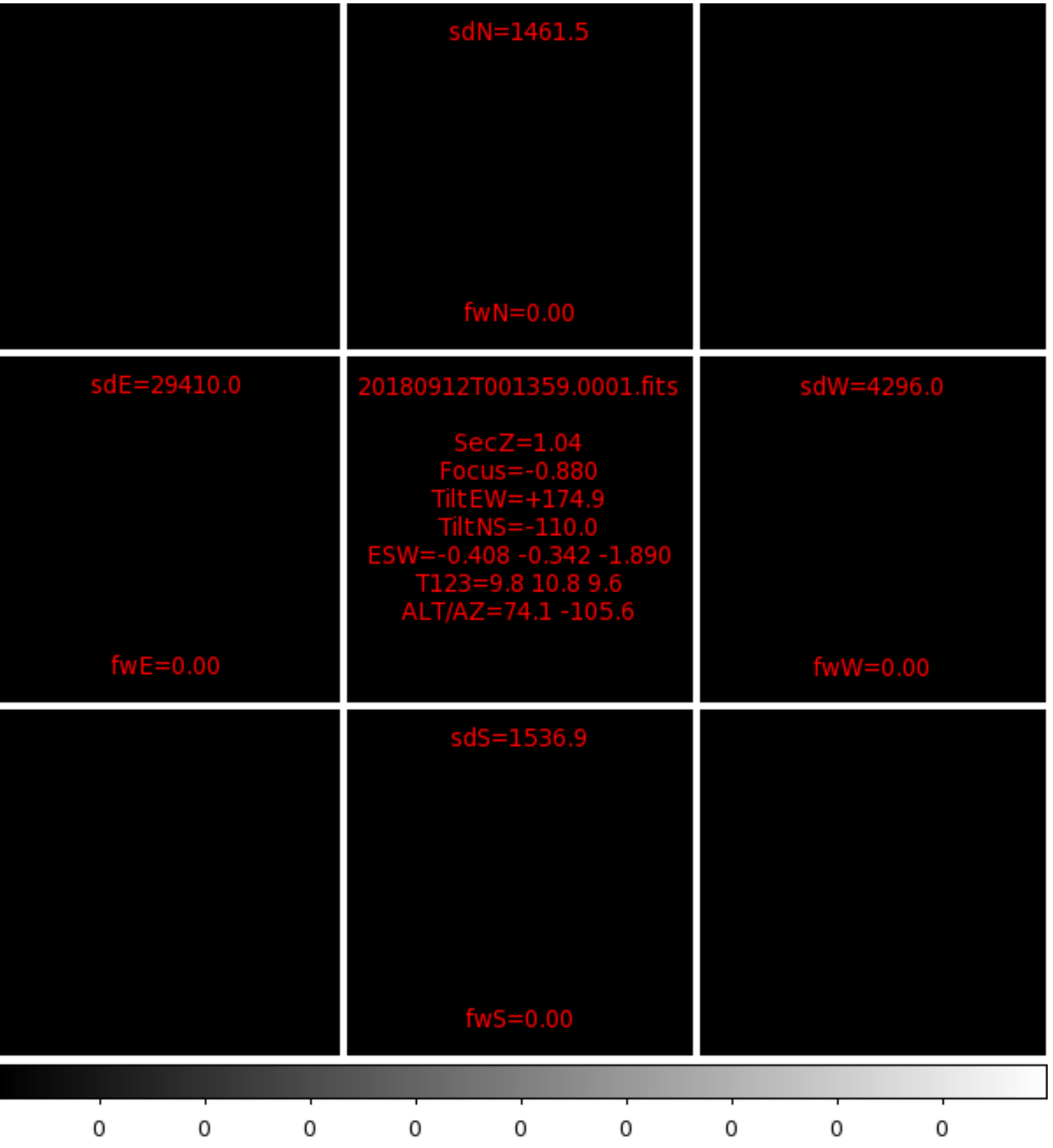
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sdE=29410.0
fwE=0.00
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SecZ=1.04
Focus=-0.880
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.408 -0.342 -1.890
T123=9.8 10.8 9.6
ALT/AZ=74.1 -105.6
sdW=4296.0
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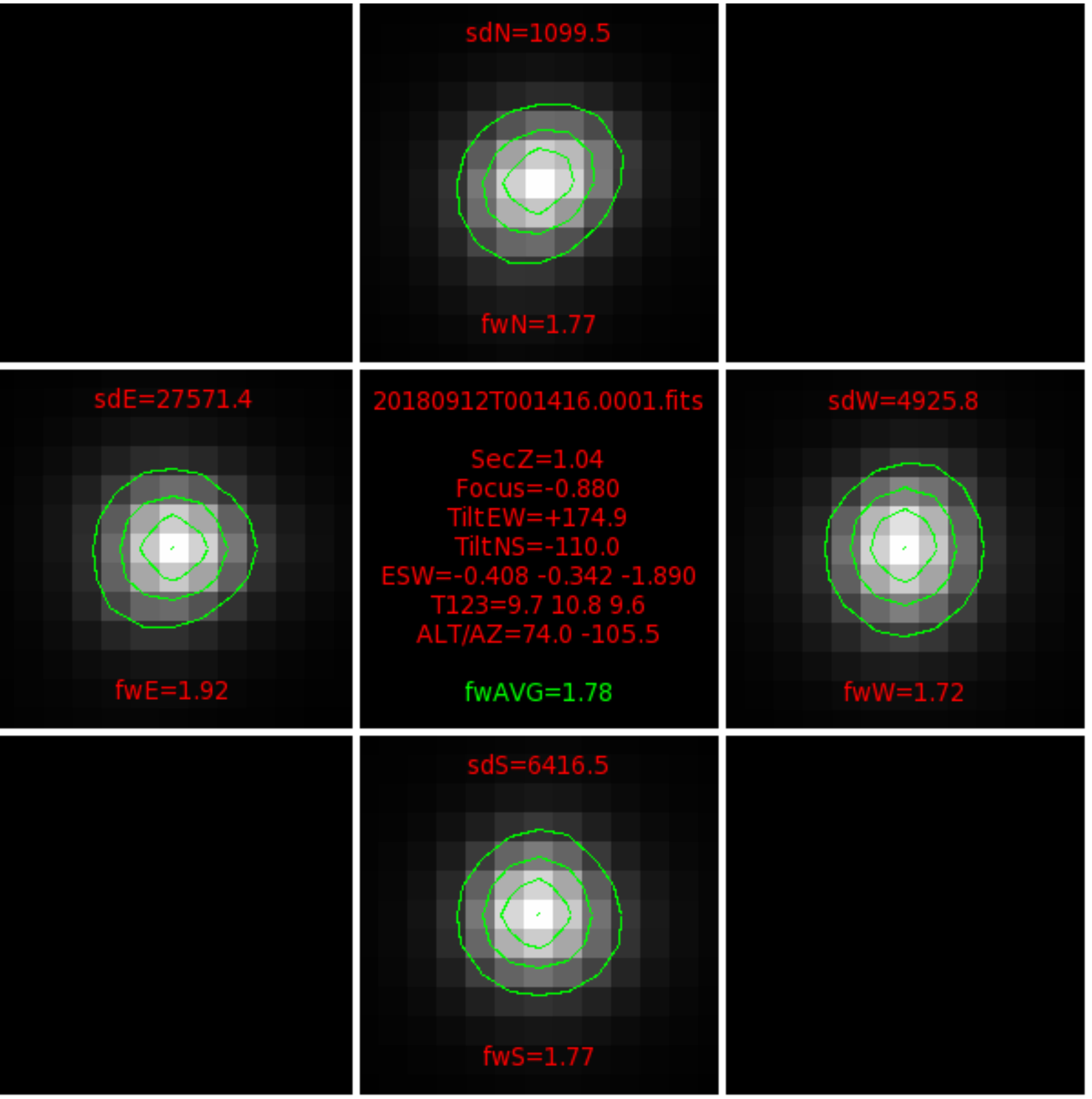
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sdE=27571.4
fwE=1.92
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SecZ=1.04
Focus=-0.880
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.408 -0.342 -1.890
T123=9.7 10.8 9.6
ALT/AZ=74.0 -105.5
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sdW=4925.8
fwW=1.72
sdS=6416.5
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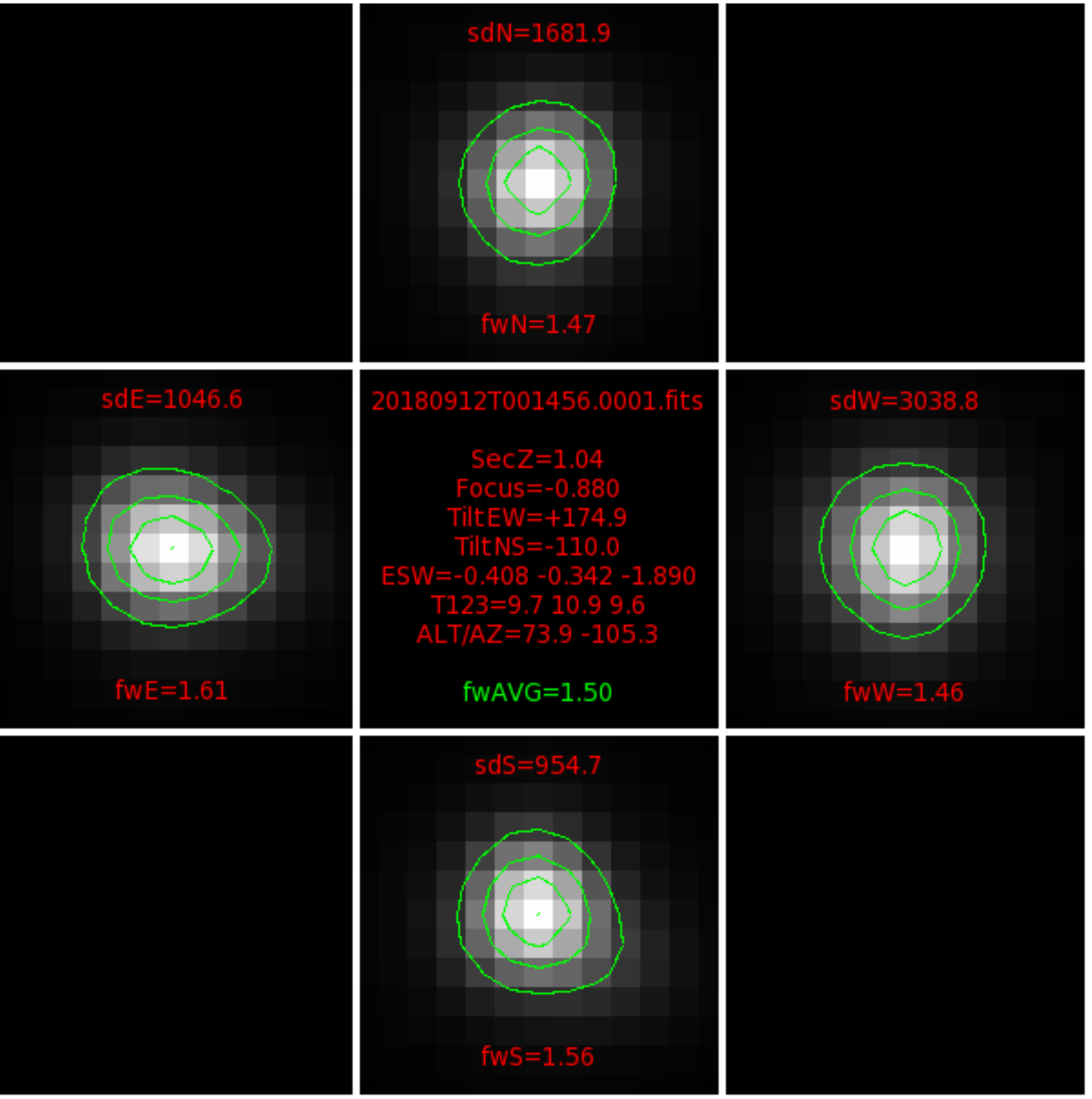
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sdE=1046.6
fwE=1.61
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SecZ=1.04
Focus=-0.880
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.408 -0.342 -1.890
T123=9.7 10.9 9.6
ALT/AZ=73.9 -105.3
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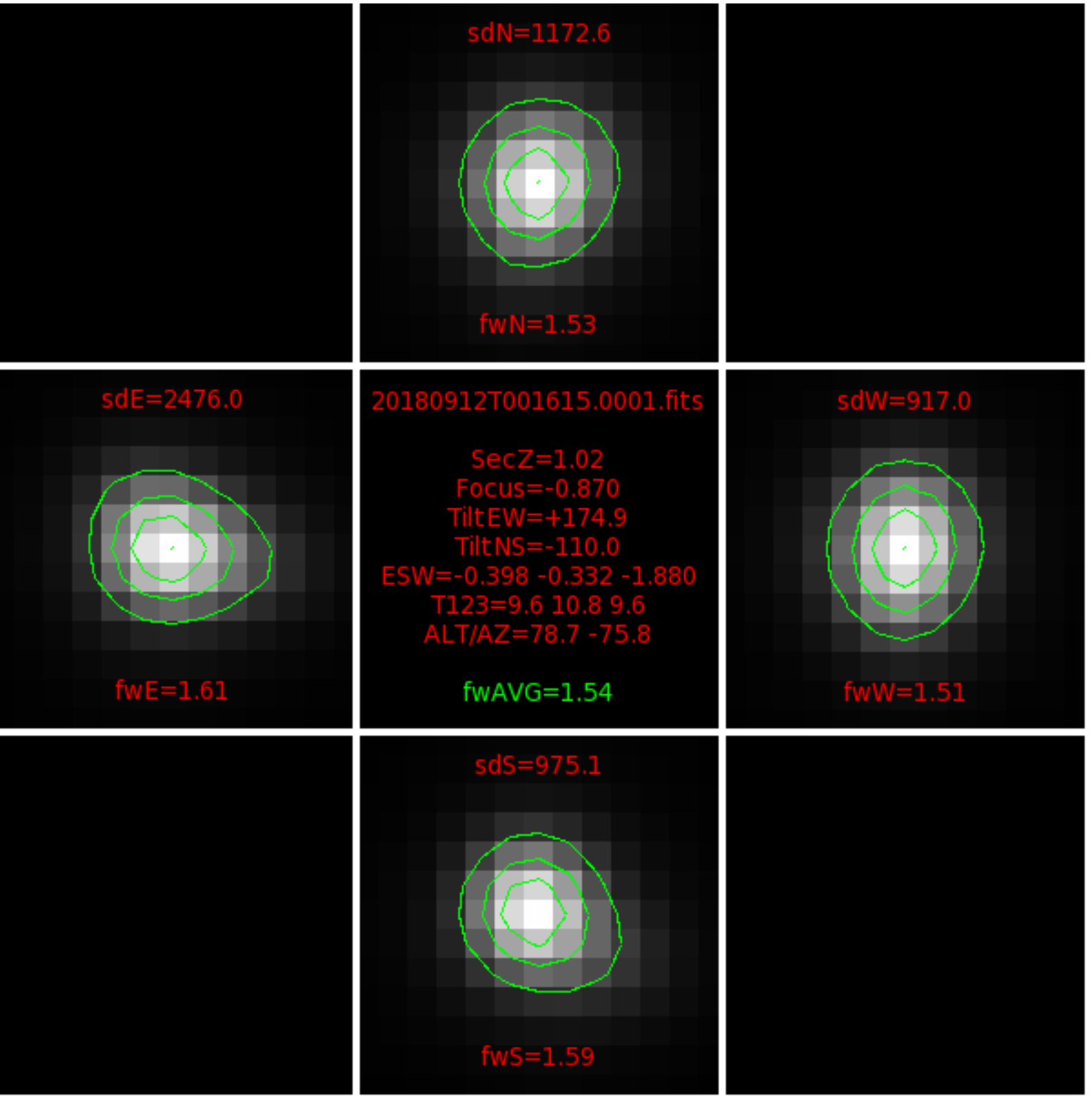
sdN=1172.6
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sdE=2476.0
fwE=1.61
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SecZ=1.02
Focus=-0.870
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.398 -0.332 -1.880
T123=9.6 10.8 9.6
ALT/AZ=78.7 -75.8
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sdW=917.0
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sdS=975.1
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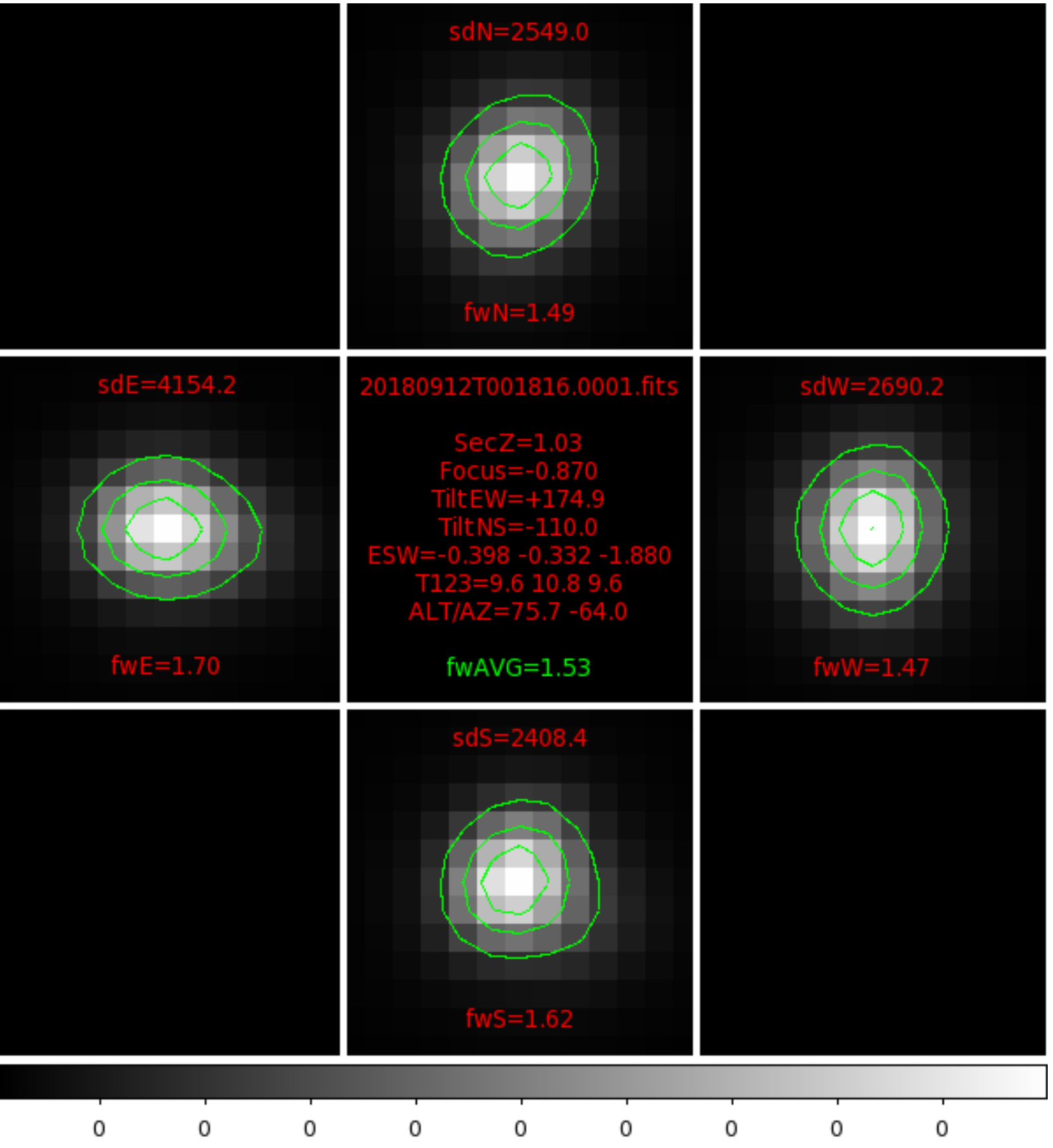
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sdE=4154.2
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SecZ=1.03
Focus=-0.870
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.398 -0.332 -1.880
T123=9.6 10.8 9.6
ALT/AZ=75.7 -64.0
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sdW=2690.2
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sdS=2408.4
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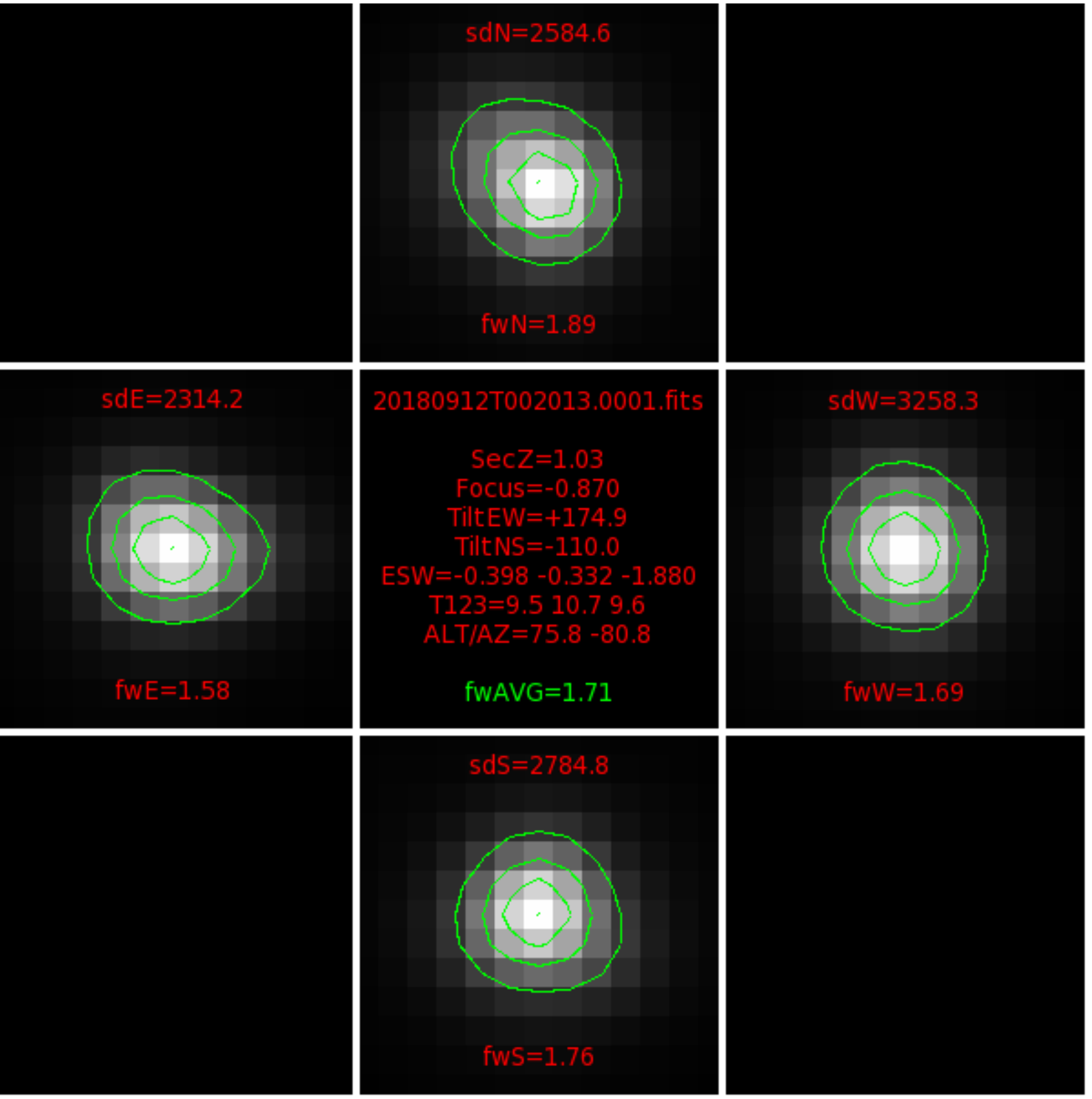
sdN=2584.6
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sdE=2314.2
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SecZ=1.03
Focus=-0.870
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.398 -0.332 -1.880
T123=9.5 10.7 9.6
ALT/AZ=75.8 -80.8
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sdW=3258.3
fwW=1.69
sdS=2784.8
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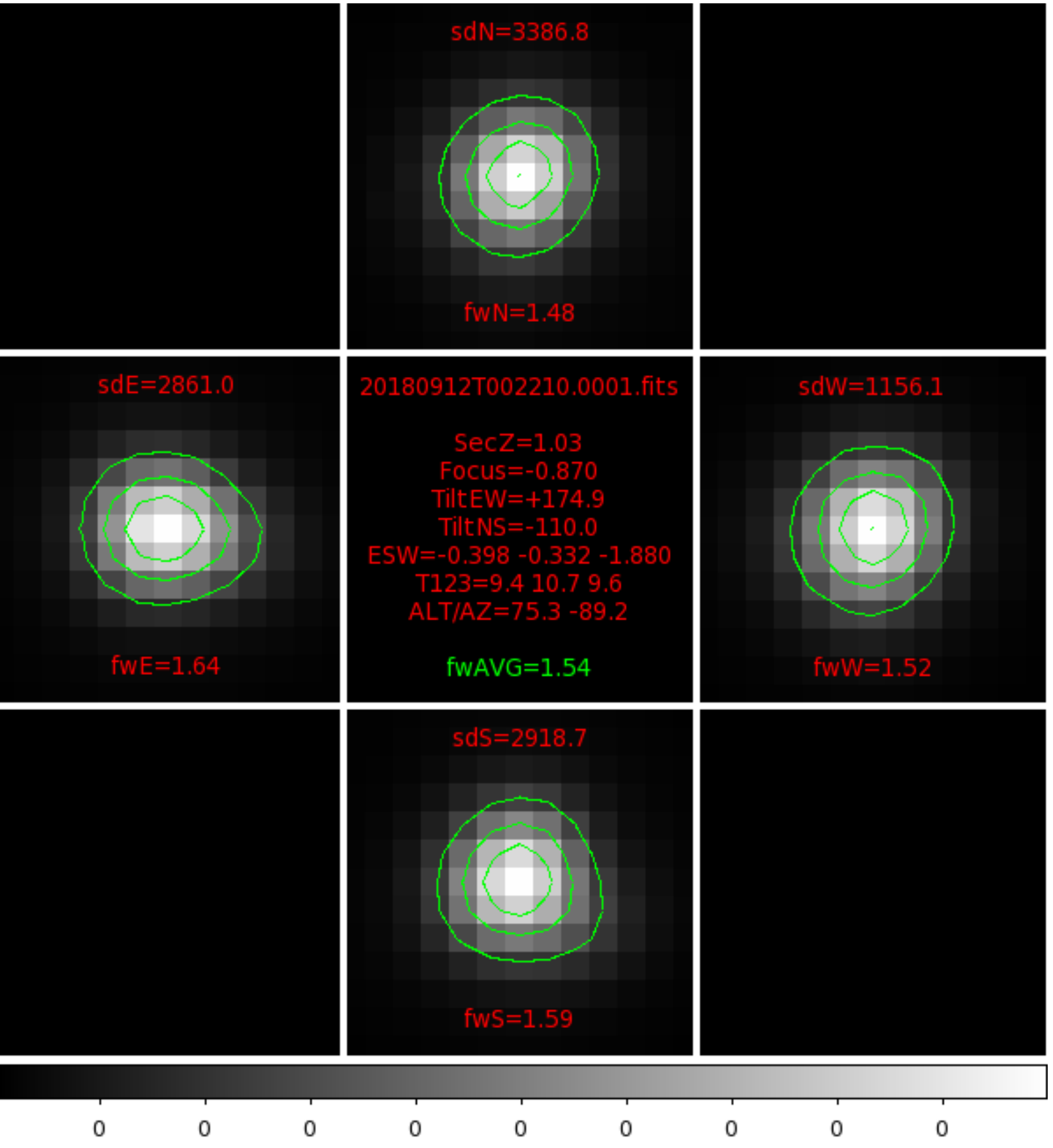
sdN=3386.8
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sdE=2861.0
fwE=1.64
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SecZ=1.03
Focus=-0.870
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.398 -0.332 -1.880
T123=9.4 10.7 9.6
ALT/AZ=75.3 -89.2
fwAVG=1.54
sdW=1156.1
fwW=1.52
sdS=2918.7
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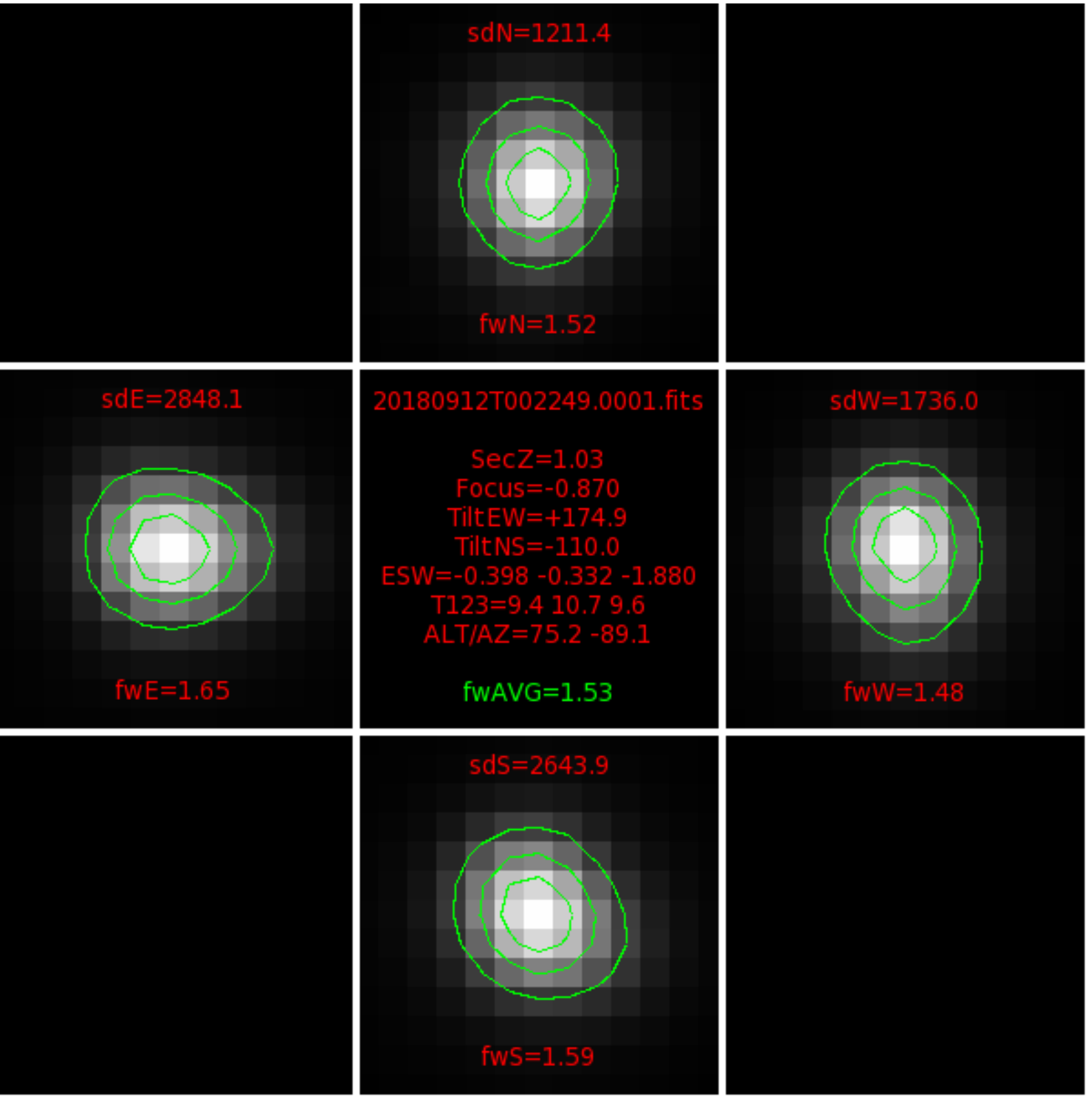
sdN=1211.4
fwN=1.52
sdE=2848.1
fwE=1.65
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SecZ=1.03
Focus=-0.870
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.398 -0.332 -1.880
T123=9.4 10.7 9.6
ALT/AZ=75.2 -89.1
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sdW=1736.0
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sdS=2643.9
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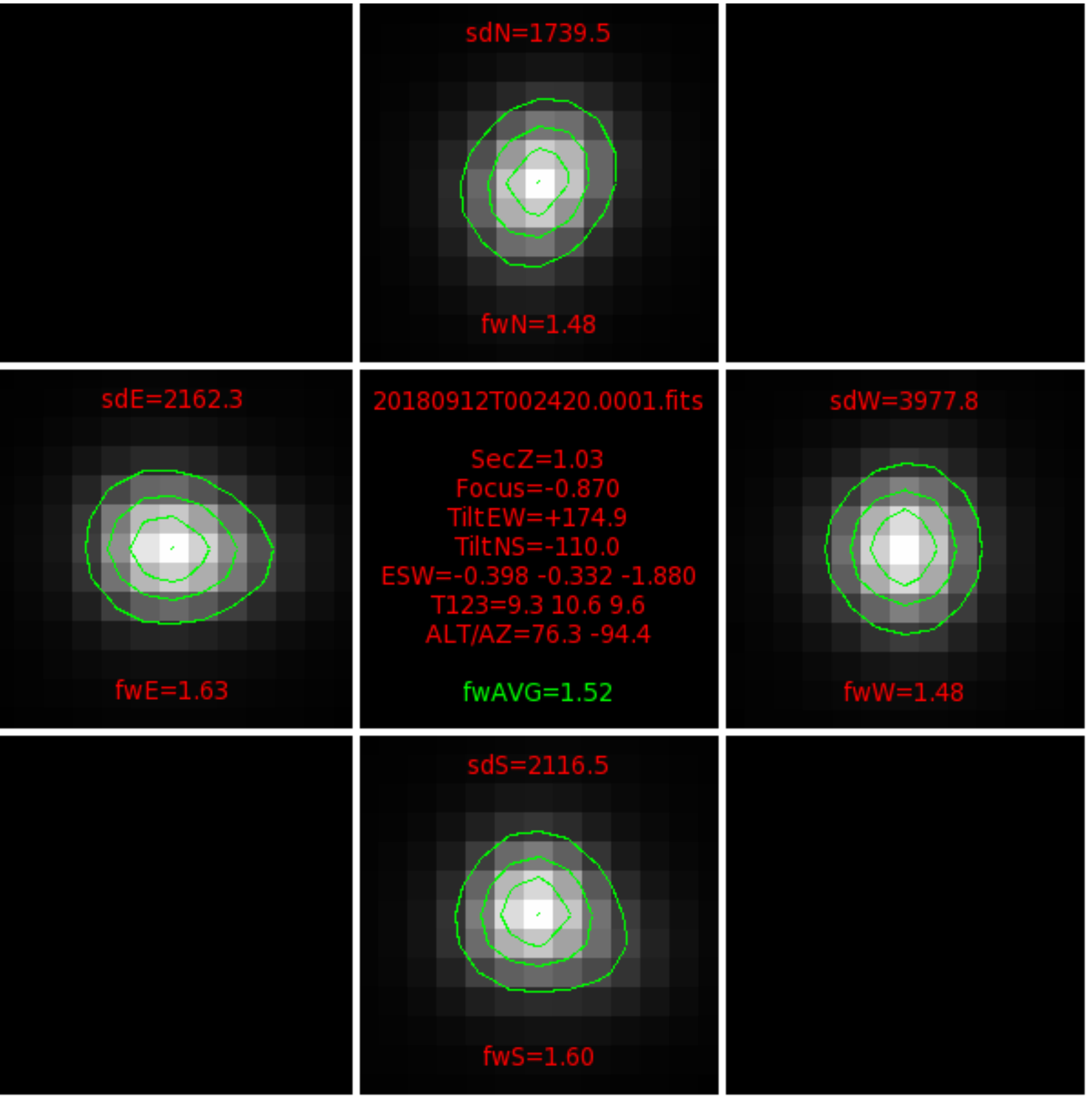
sdN=1739.5
fwN=1.48
sdE=2162.3
fwE=1.63
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SecZ=1.03
Focus=-0.870
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.398 -0.332 -1.880
T123=9.3 10.6 9.6
ALT/AZ=76.3 -94.4
fwAVG=1.52
sdW=3977.8
fwW=1.48
sdS=2116.5
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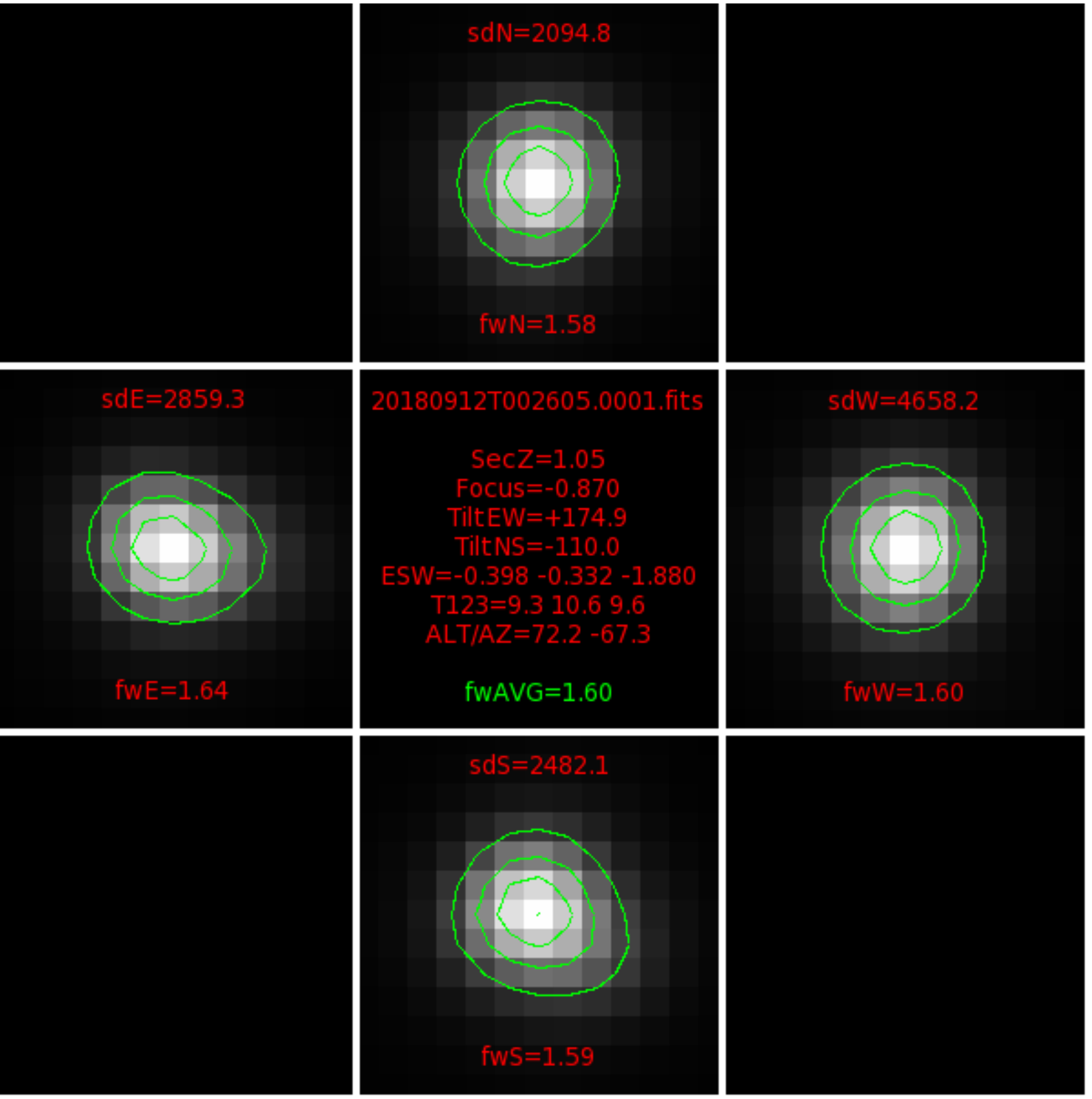
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fwN=1.58
sdE=2859.3
fwE=1.64
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SecZ=1.05
Focus=-0.870
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.398 -0.332 -1.880
T123=9.3 10.6 9.6
ALT/AZ=72.2 -67.3
fwAVG=1.60
sdW=4658.2
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sdS=2482.1
fwS=1.59
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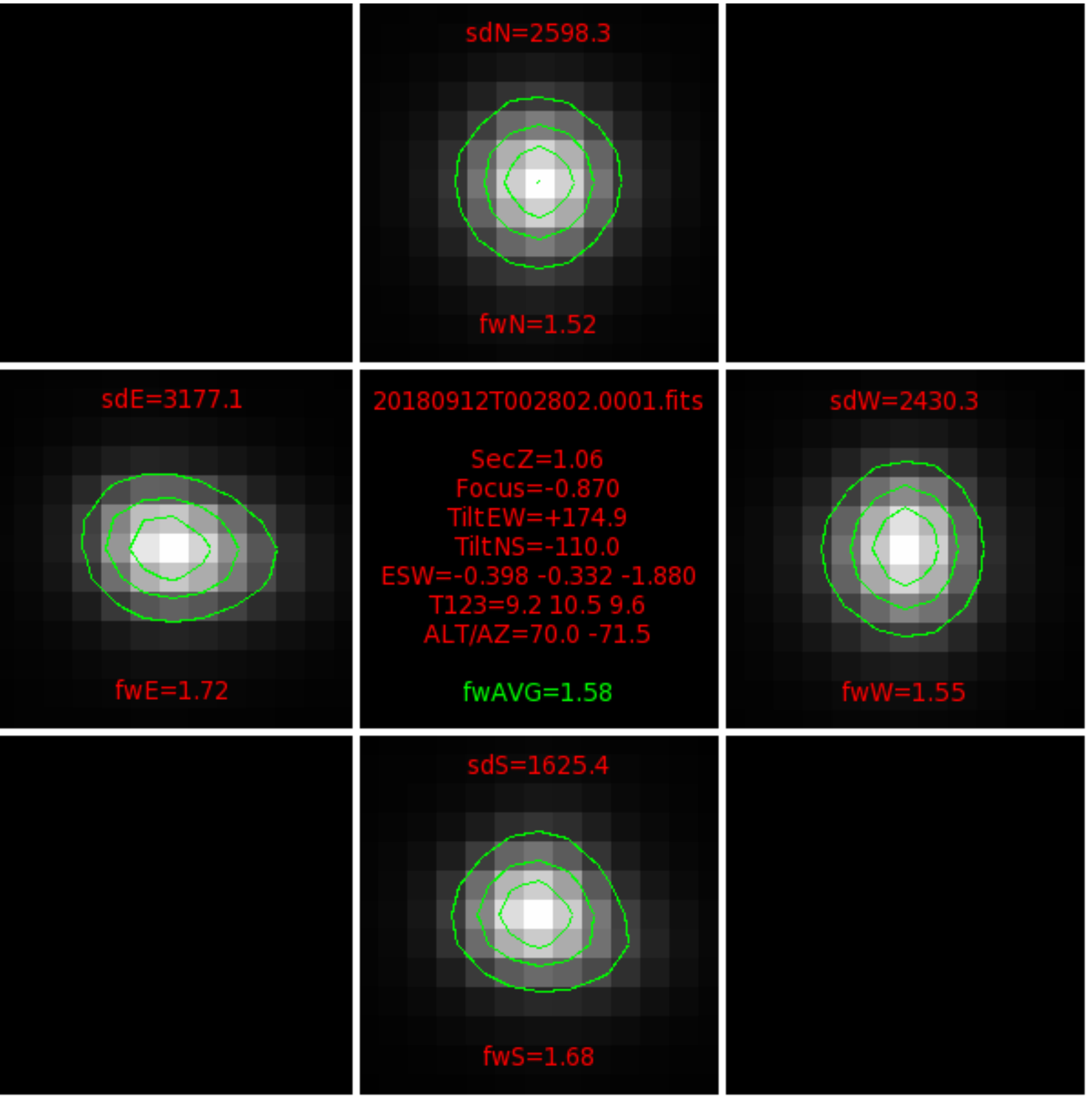
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fwN=1.52
sdE=3177.1
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SecZ=1.06
Focus=-0.870
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.398 -0.332 -1.880
T123=9.2 10.5 9.6
ALT/AZ=70.0 -71.5
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sdW=2430.3
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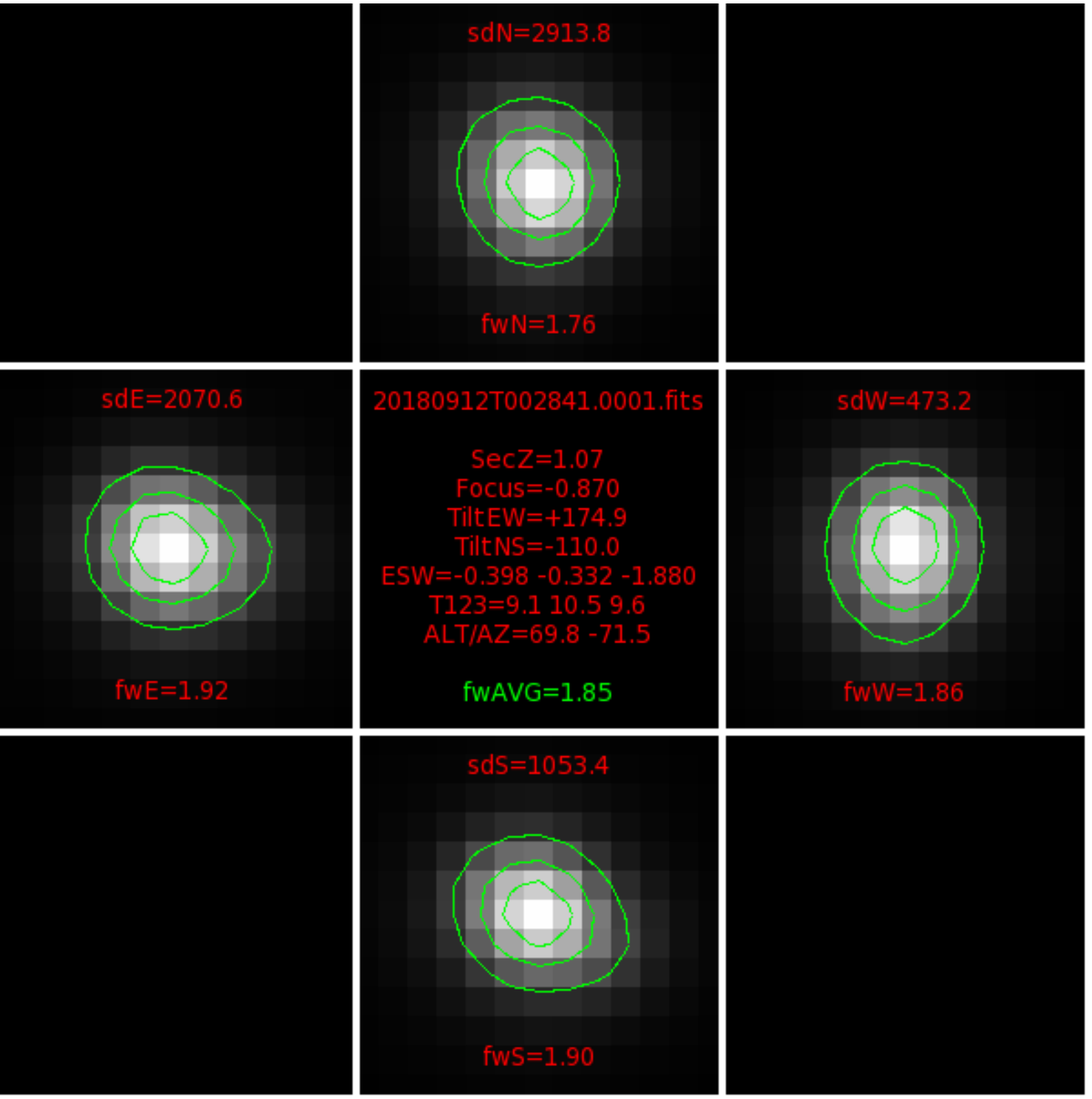
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fwN=1.76
sdE=2070.6
fwE=1.92
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SecZ=1.07
Focus=-0.870
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.398 -0.332 -1.880
T123=9.1 10.5 9.6
ALT/AZ=69.8 -71.5
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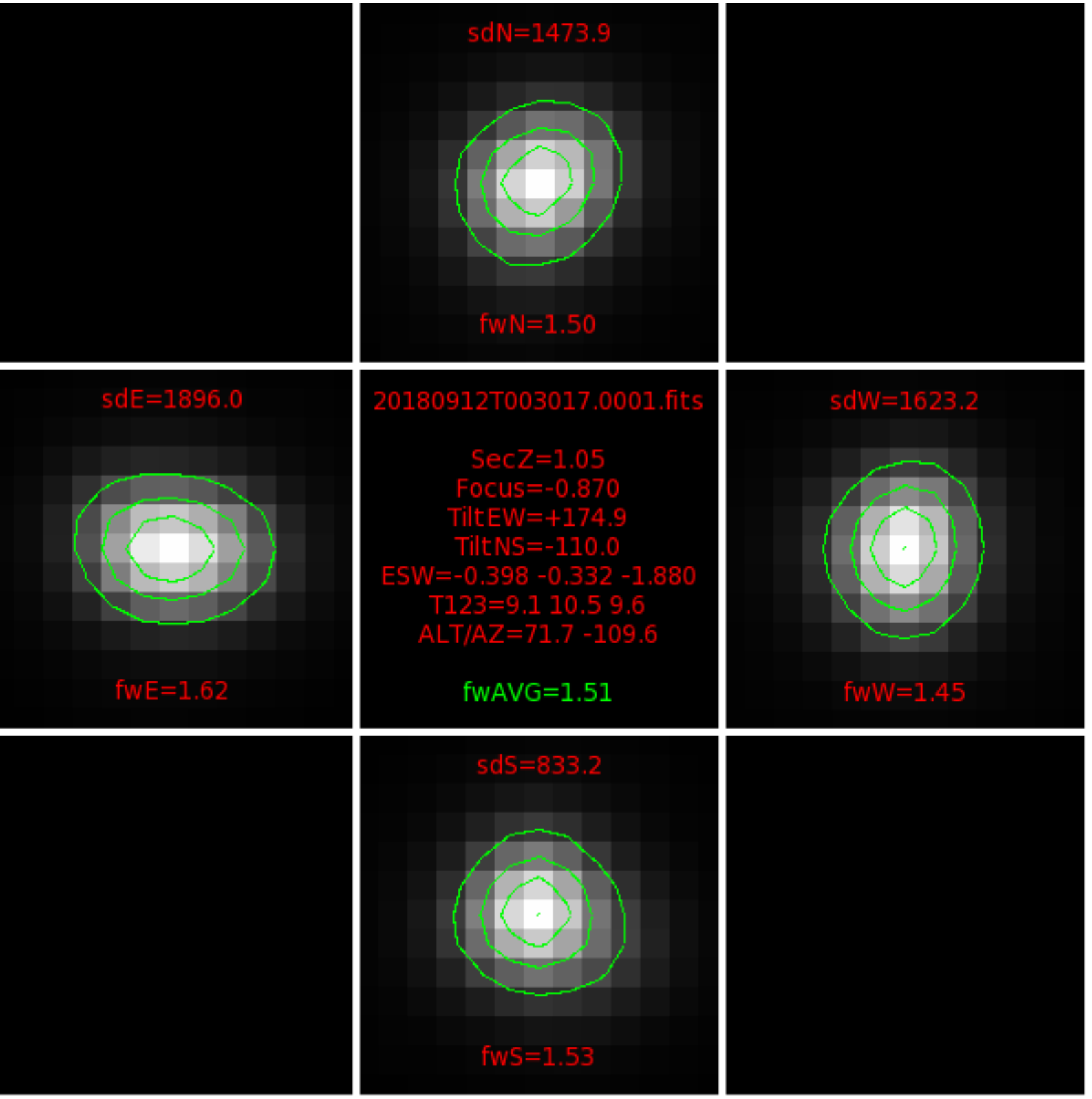
sdN=1473.9
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sdE=1896.0
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SecZ=1.05
Focus=-0.870
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.398 -0.332 -1.880
T123=9.1 10.5 9.6
ALT/AZ=71.7 -109.6
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sdW=1623.2
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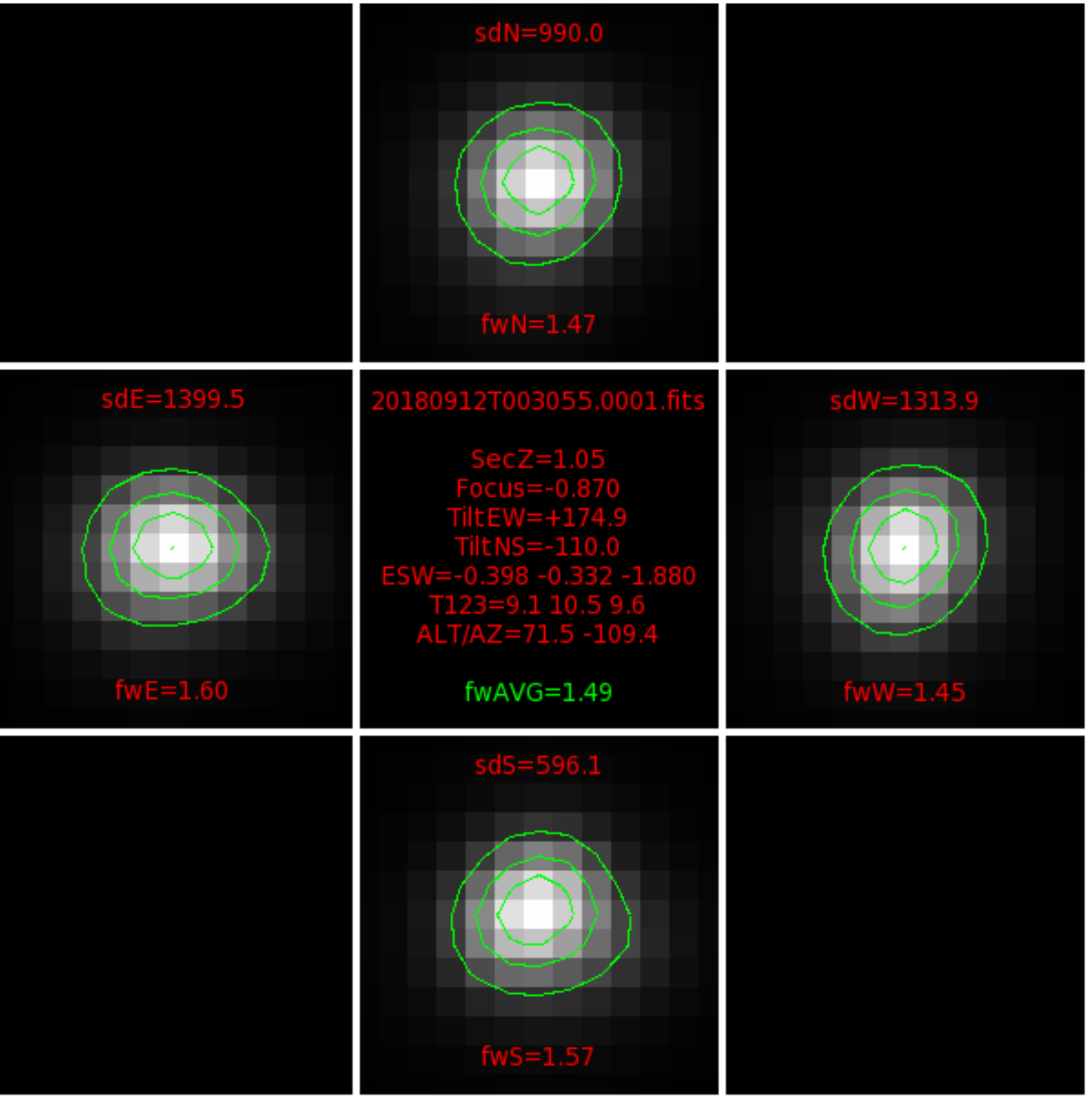
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SecZ=1.05
Focus=-0.870
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.398 -0.332 -1.880
T123=9.1 10.5 9.6
ALT/AZ=71.5 -109.4
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sdW=1313.9
fwW=1.45
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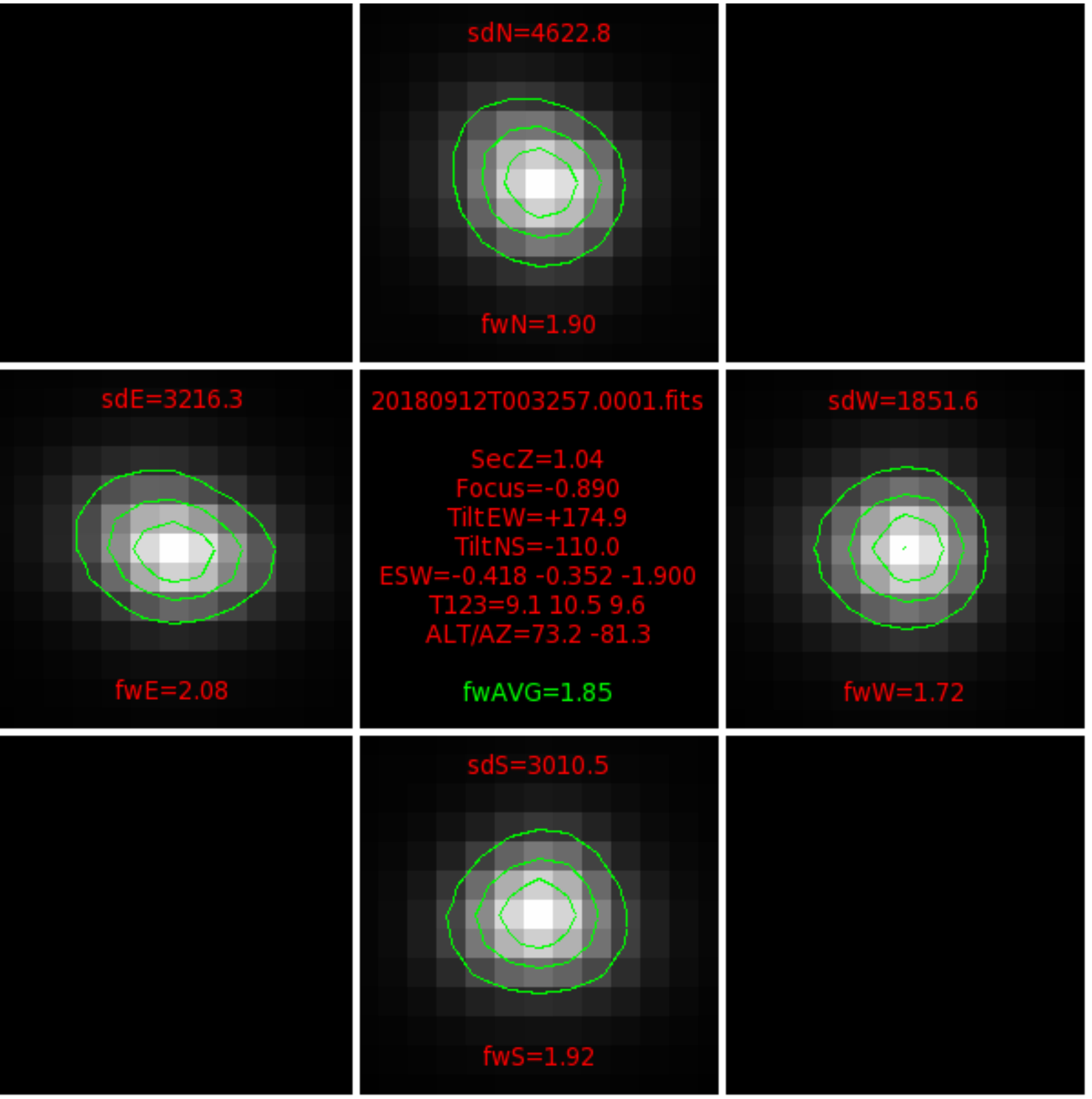
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sdE=3216.3
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SecZ=1.04
Focus=-0.890
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.418 -0.352 -1.900
T123=9.1 10.5 9.6
ALT/AZ=73.2 -81.3
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sdW=1851.6
fwW=1.72
sdS=3010.5
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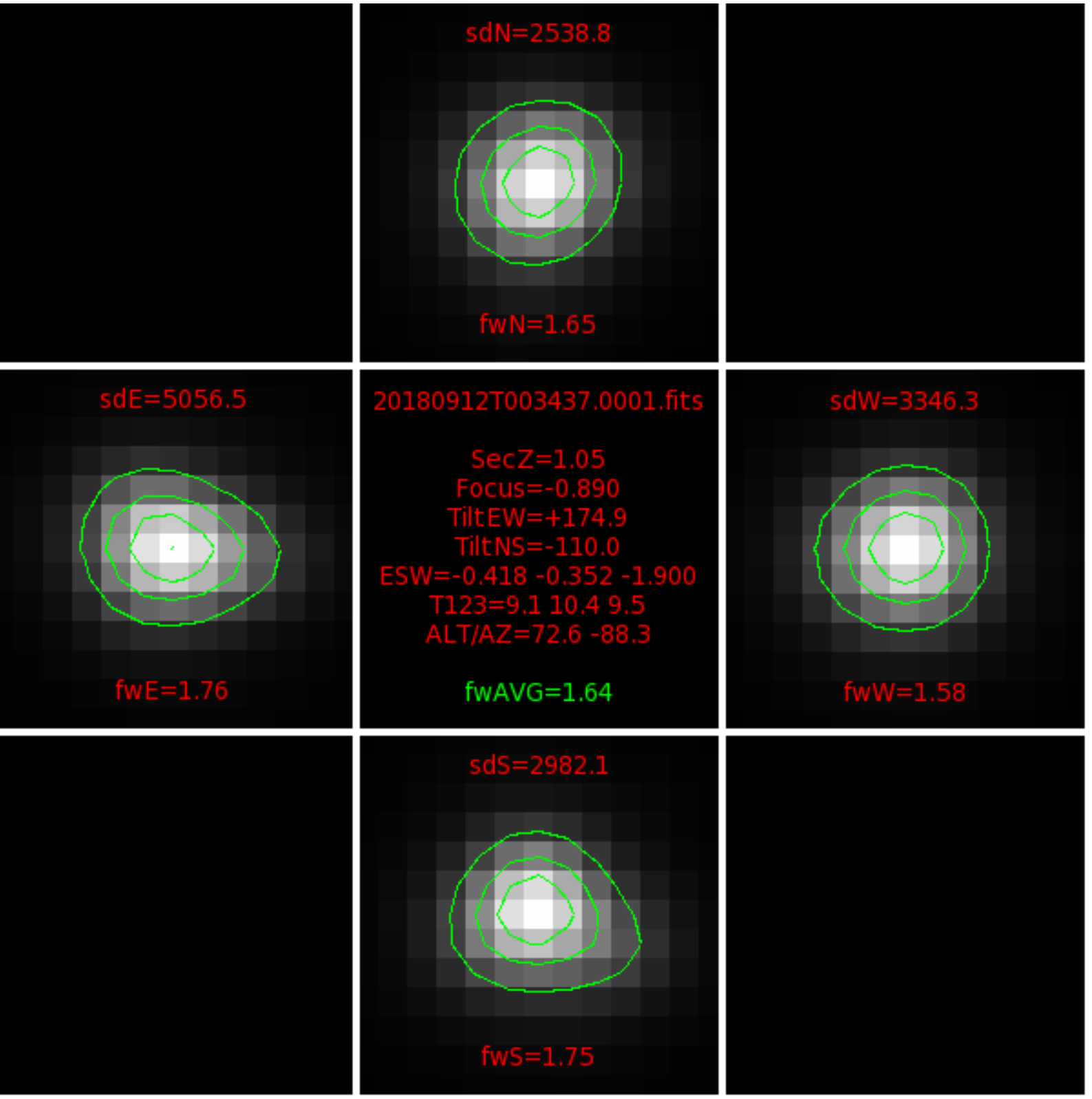
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fwN=1.65
sdE=5056.5
fwE=1.76
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SecZ=1.05
Focus=-0.890
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.418 -0.352 -1.900
T123=9.1 10.4 9.5
ALT/AZ=72.6 -88.3
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sdW=3346.3
fwW=1.58
sdS=2982.1
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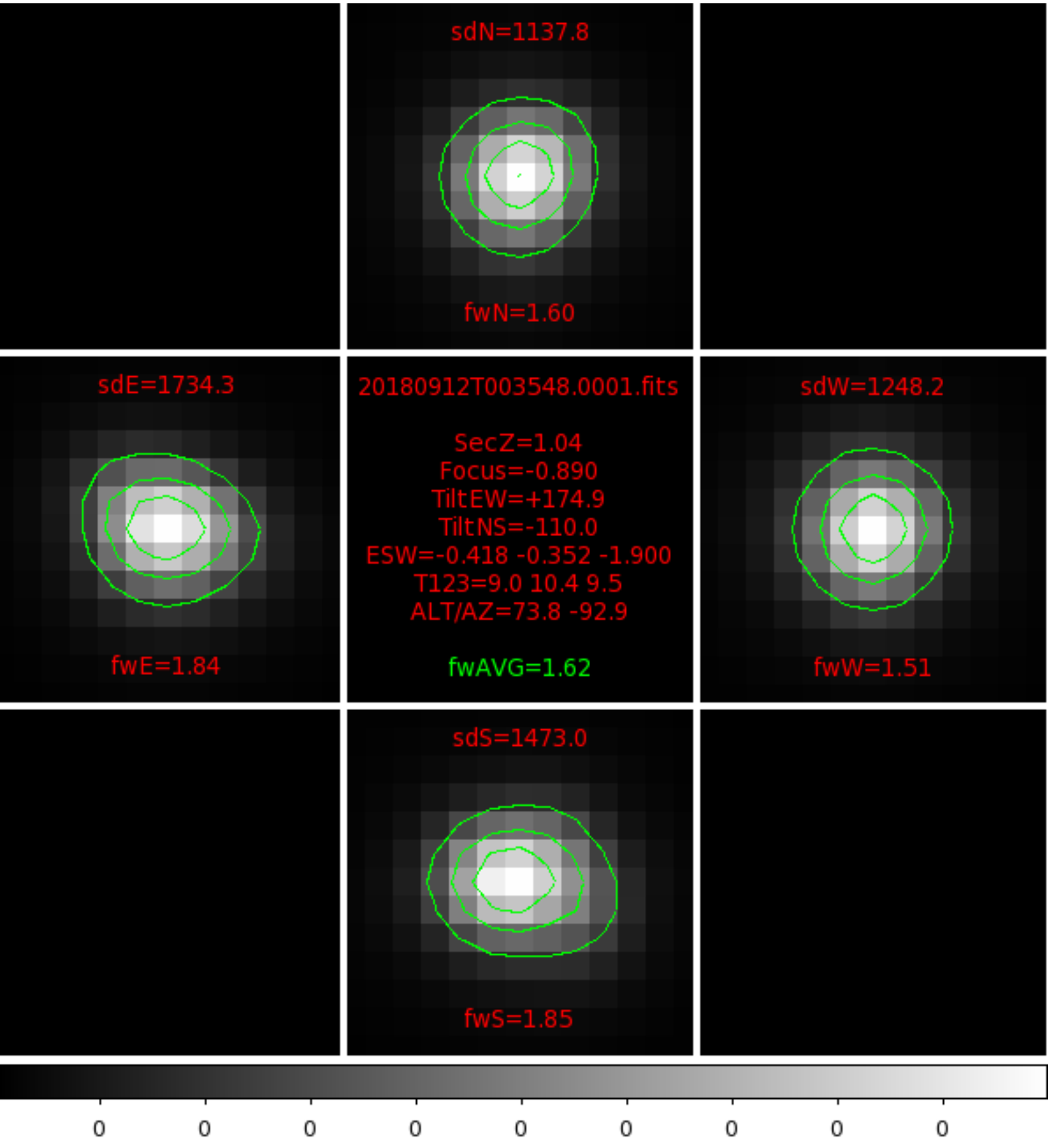
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fwN=1.60
sdE=1734.3
fwE=1.84
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SecZ=1.04
Focus=-0.890
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.418 -0.352 -1.900
T123=9.0 10.4 9.5
ALT/AZ=73.8 -92.9
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sdW=1248.2
fwW=1.51
sdS=1473.0
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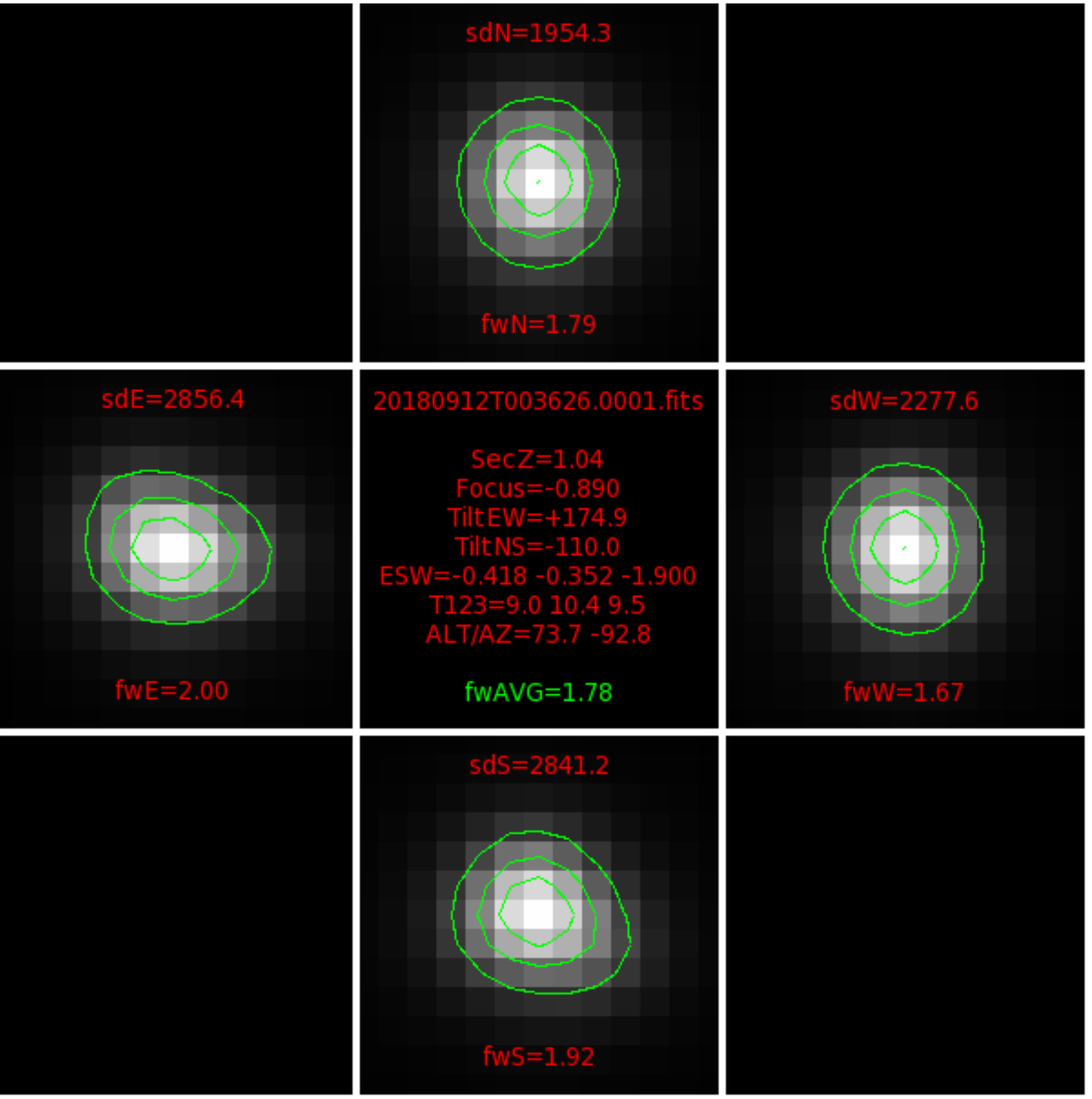
sdN=1954.3
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SecZ=1.04
Focus=-0.890
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.418 -0.352 -1.900
T123=9.0 10.4 9.5
ALT/AZ=73.7 -92.8
fwAVG=1.78
sdW=2277.6
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sdS=2841.2
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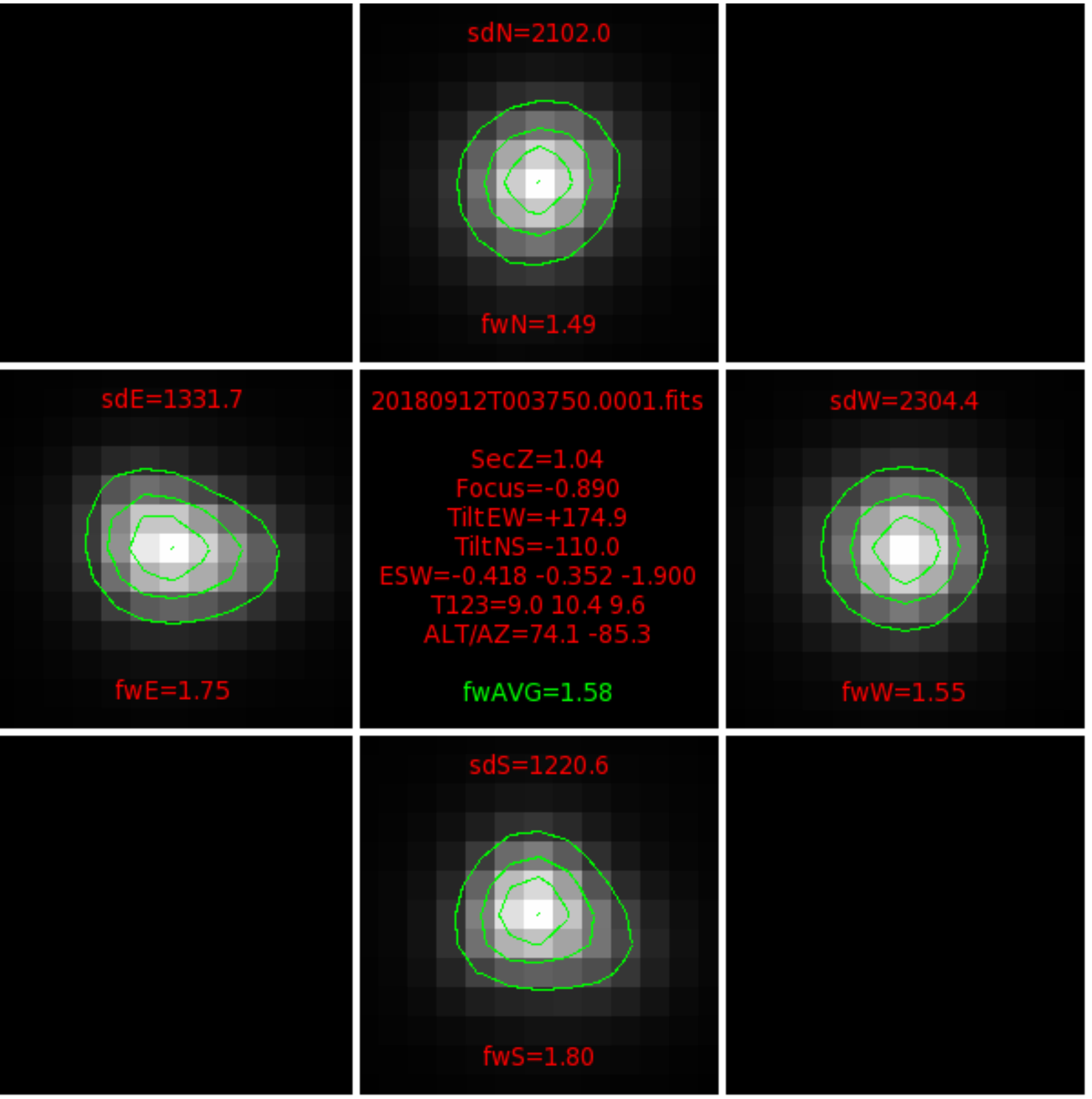
sdN=2102.0
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sdE=1331.7
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SecZ=1.04
Focus=-0.890
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.418 -0.352 -1.900
T123=9.0 10.4 9.6
ALT/AZ=74.1 -85.3
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sdW=2304.4
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sdS=1220.6
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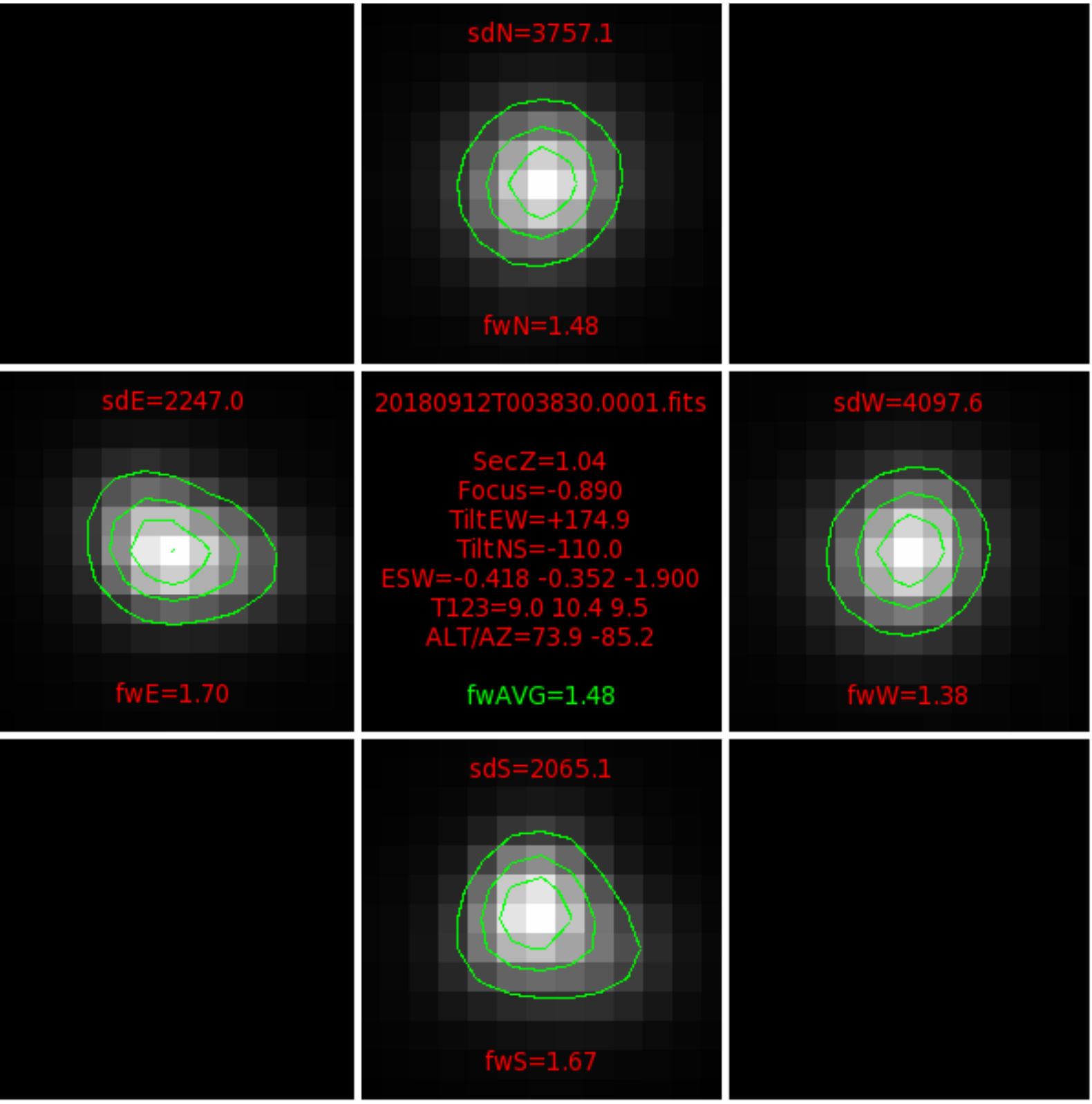
sdN=3757.1
fwN=1.48
sdE=2247.0
fwE=1.70
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SecZ=1.04
Focus=-0.890
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.418 -0.352 -1.900
T123=9.0 10.4 9.5
ALT/AZ=73.9 -85.2
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sdW=4097.6
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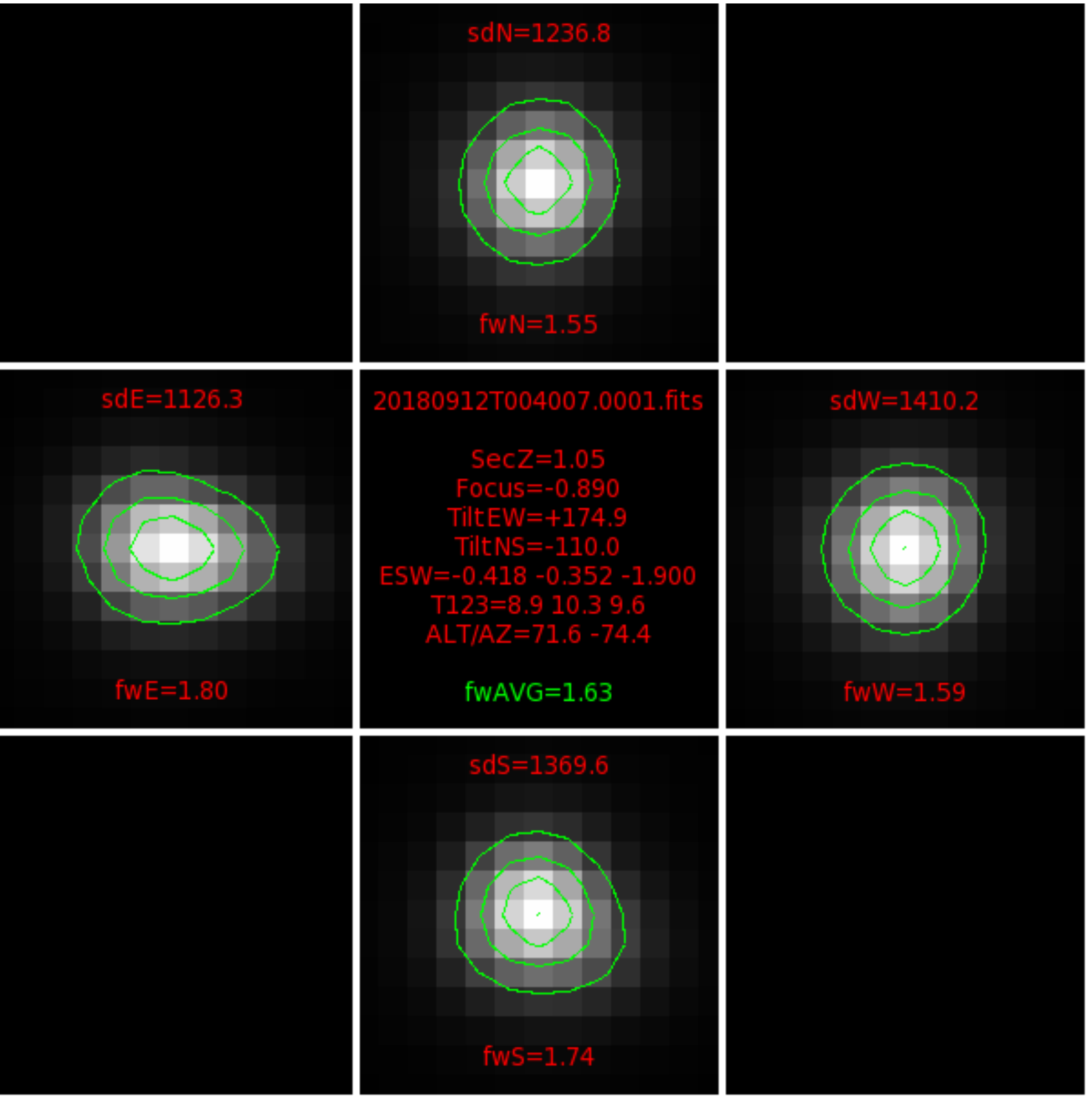
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sdE=1126.3
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SecZ=1.05
Focus=-0.890
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.418 -0.352 -1.900
T123=8.9 10.3 9.6
ALT/AZ=71.6 -74.4
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sdW=1410.2
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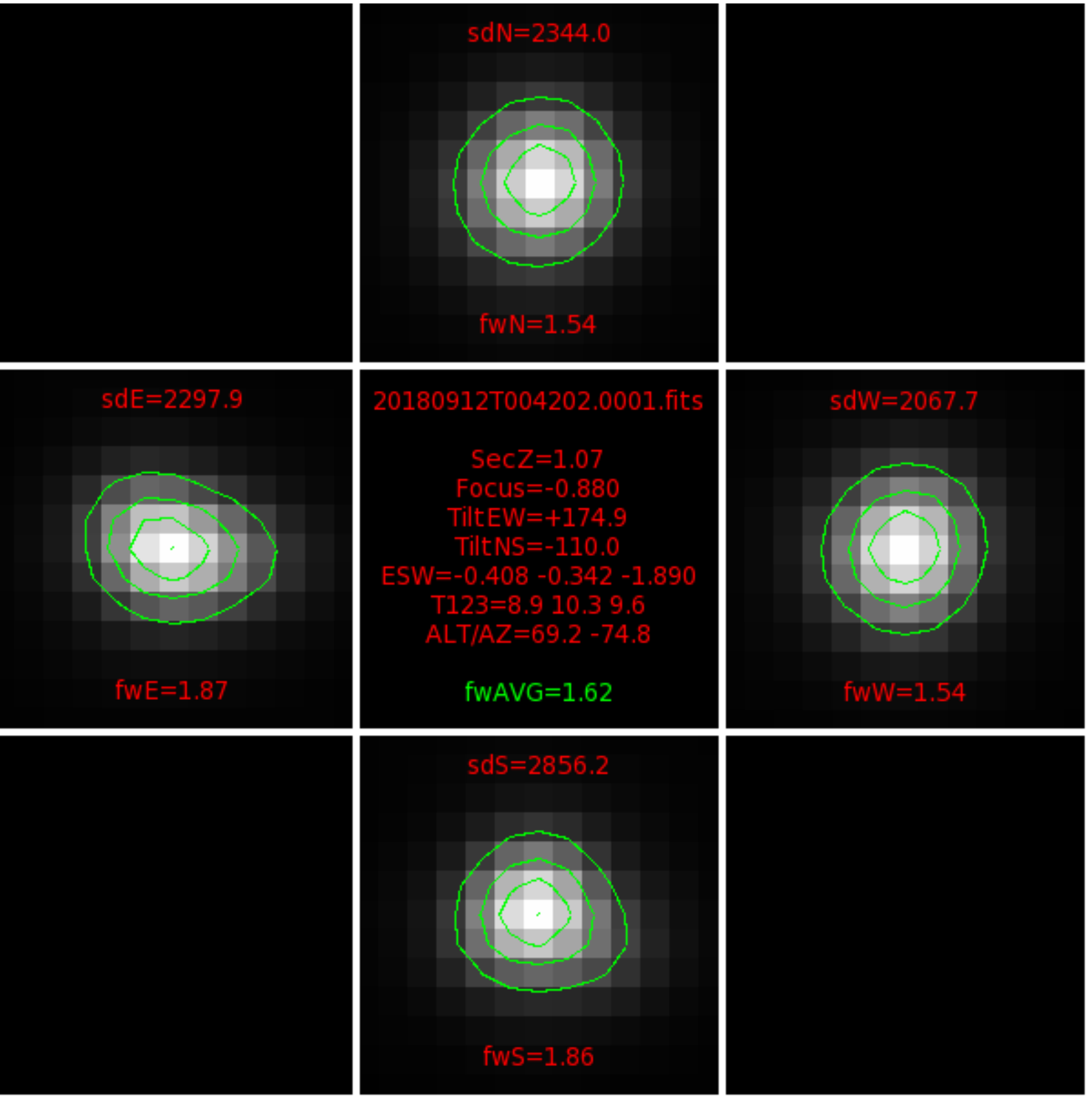
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SecZ=1.07
Focus=-0.880
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.408 -0.342 -1.890
T123=8.9 10.3 9.6
ALT/AZ=69.2 -74.8
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sdW=2067.7
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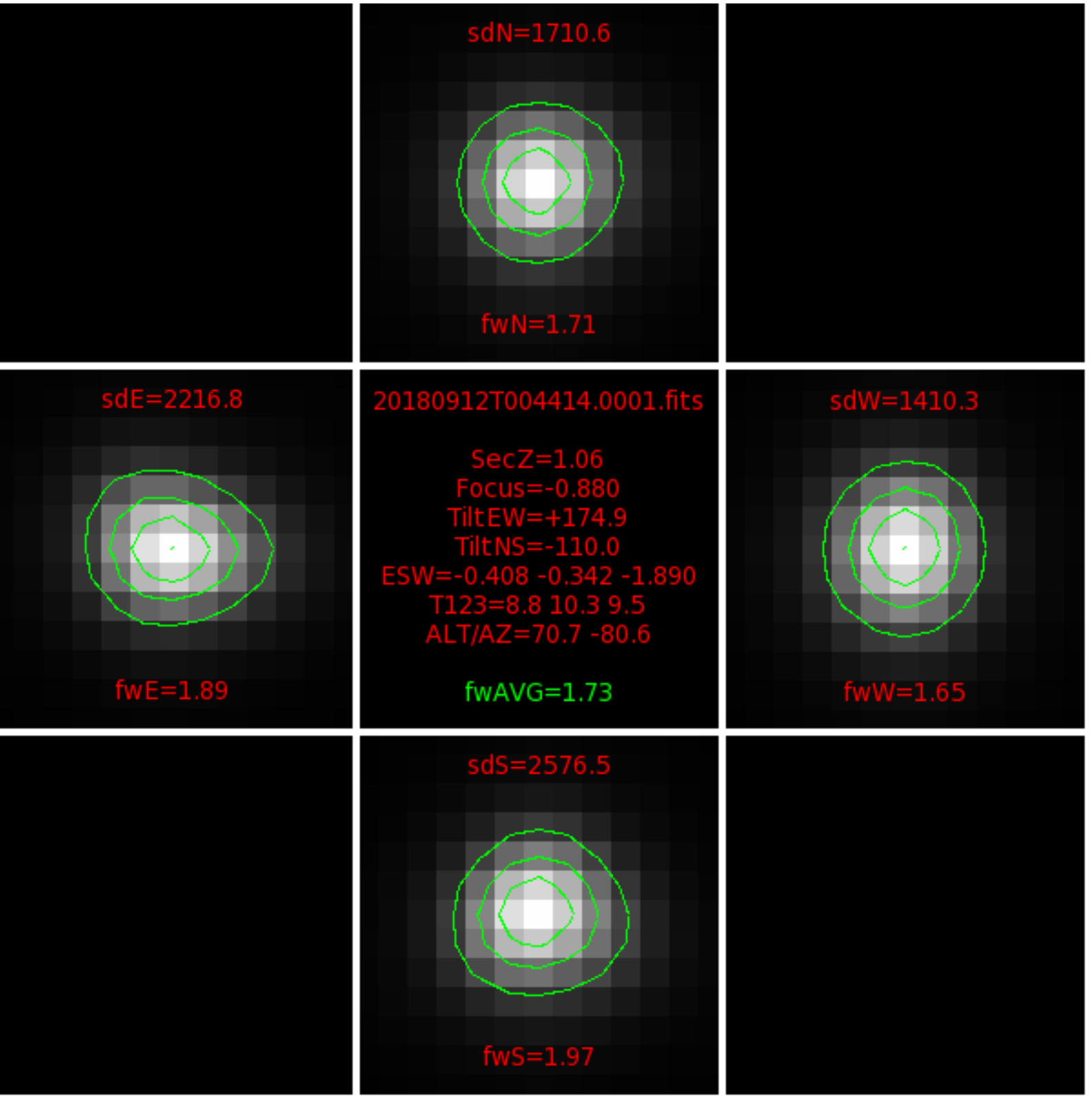
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sdE=2216.8
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SecZ=1.06
Focus=-0.880
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.408 -0.342 -1.890
T123=8.8 10.3 9.5
ALT/AZ=70.7 -80.6
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sdW=1410.3
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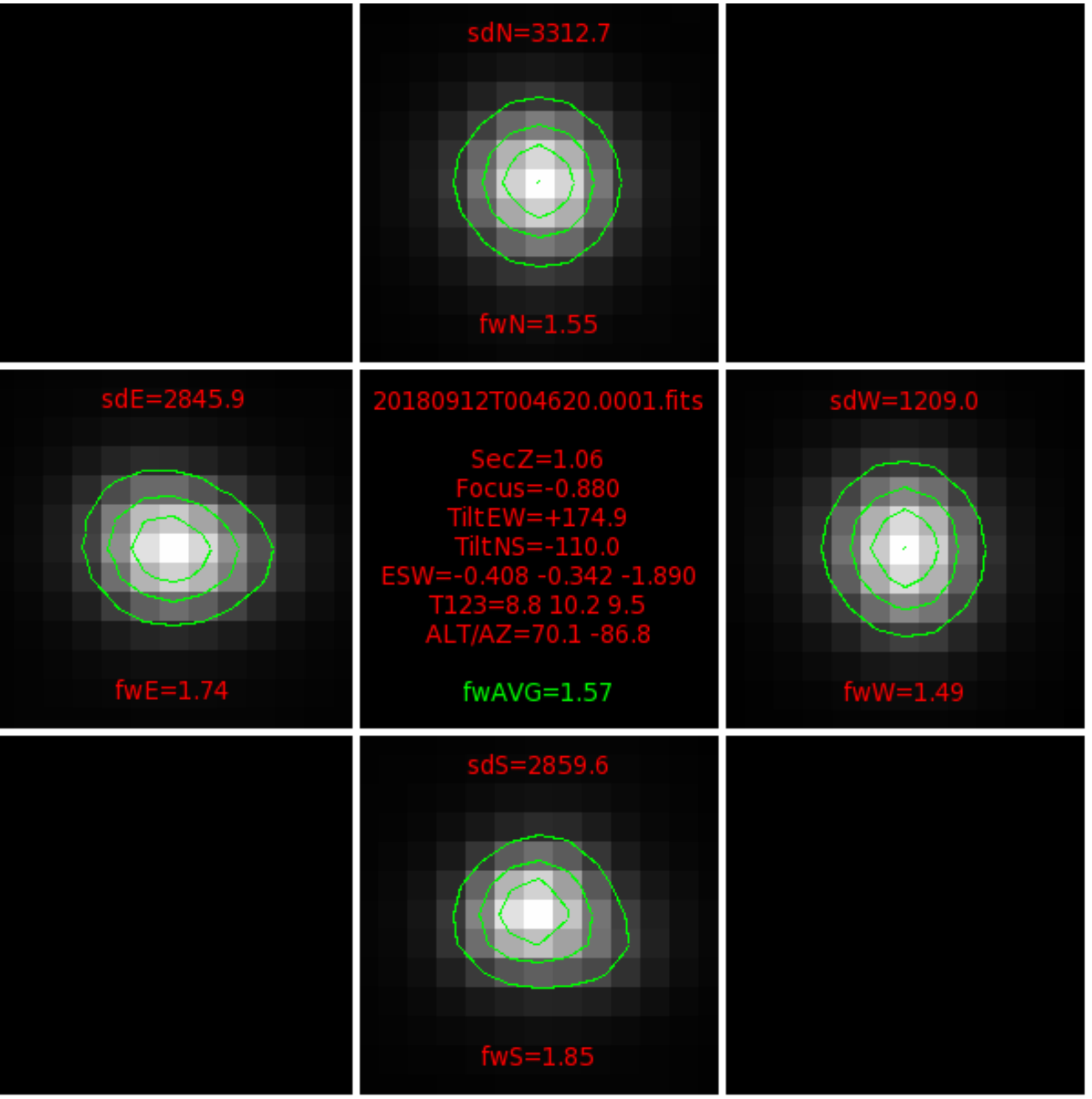
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sdE=2845.9
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SecZ=1.06
Focus=-0.880
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.408 -0.342 -1.890
T123=8.8 10.2 9.5
ALT/AZ=70.1 -86.8
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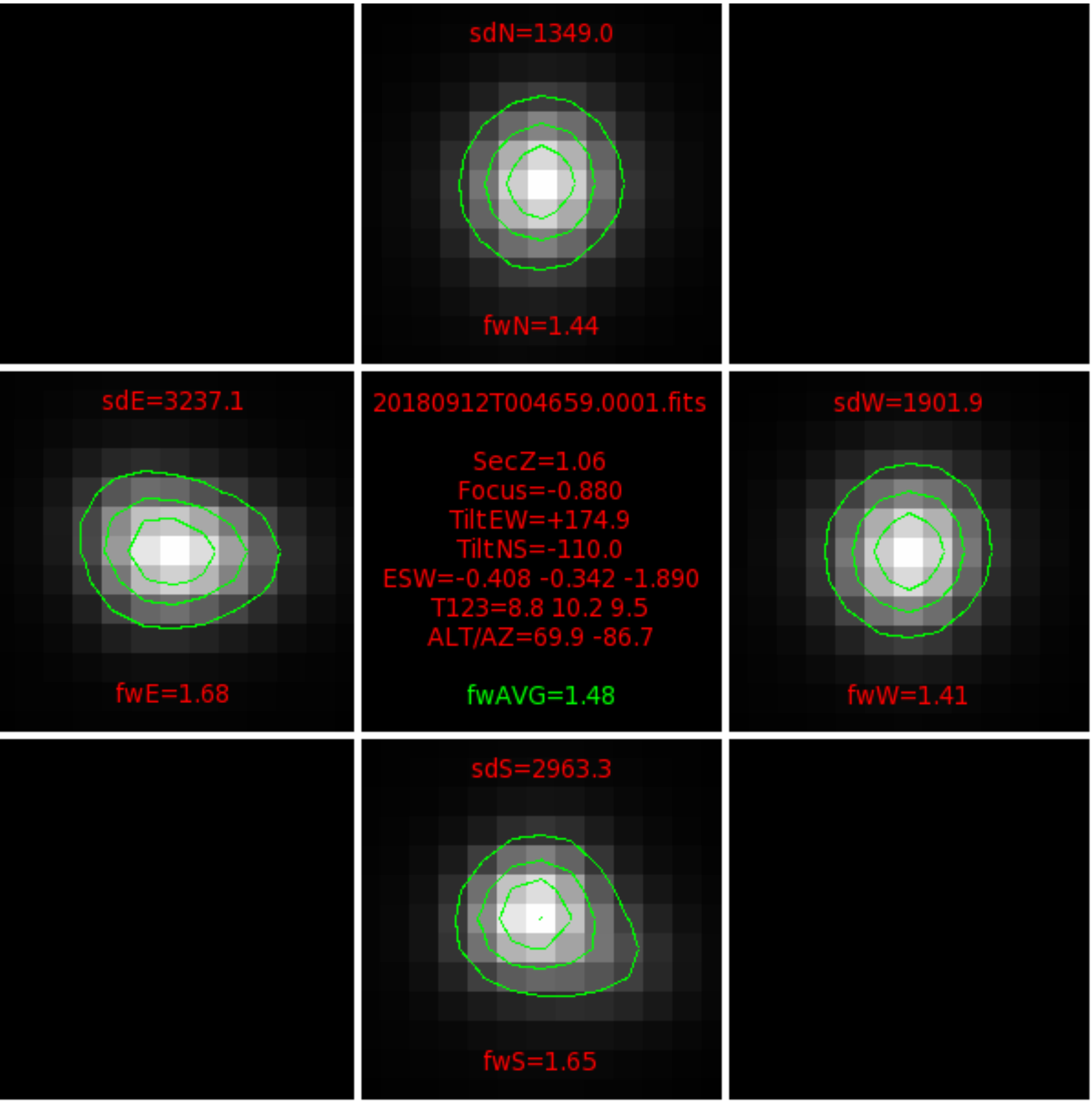
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SecZ=1.06
Focus=-0.880
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.408 -0.342 -1.890
T123=8.8 10.2 9.5
ALT/AZ=69.9 -86.7
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sdW=1901.9
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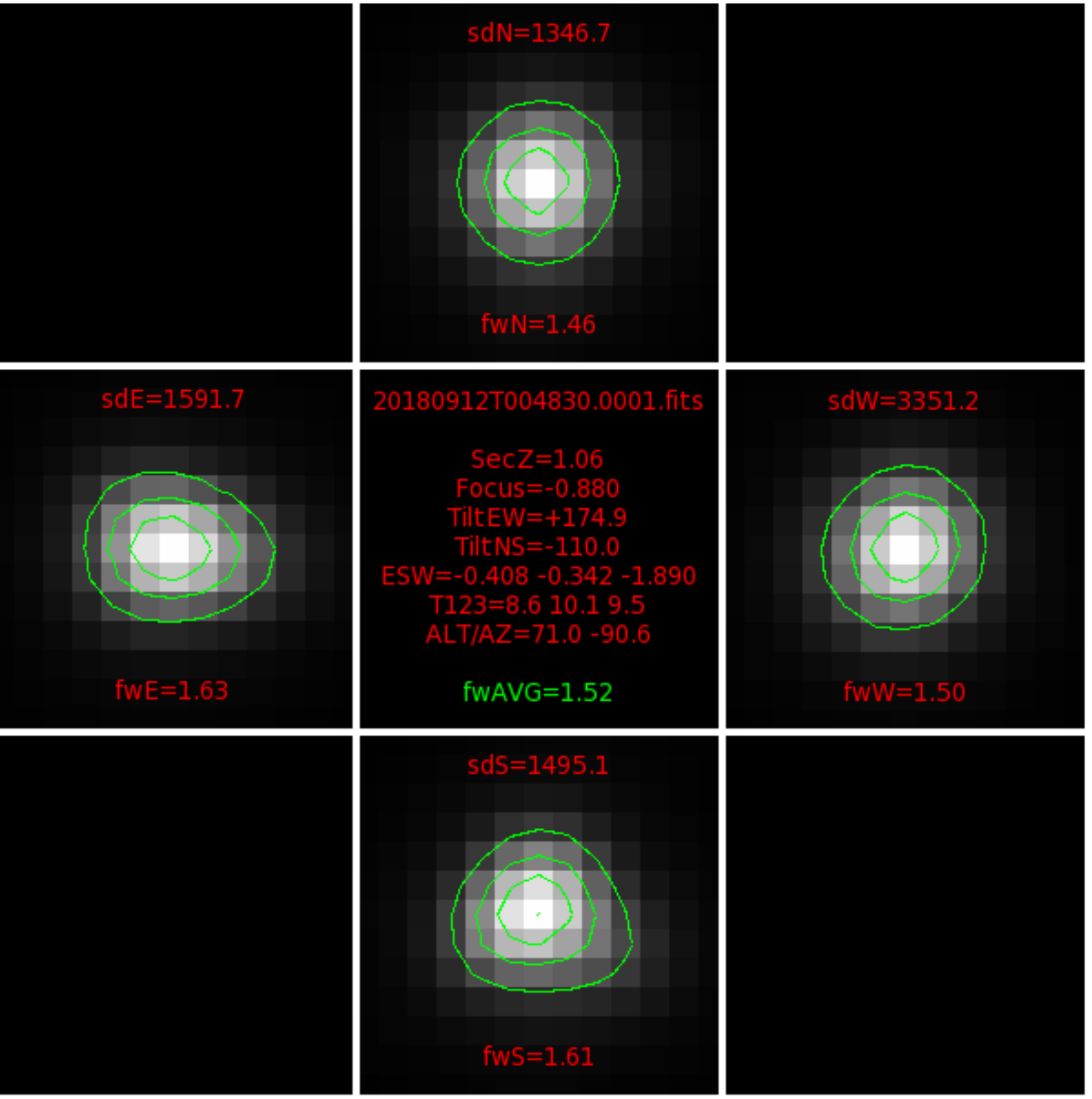
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SecZ=1.06
Focus=-0.880
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.408 -0.342 -1.890
T123=8.6 10.1 9.5
ALT/AZ=71.0 -90.6
fwAVG=1.52
sdW=3351.2
fwW=1.50
sdS=1495.1
fwS=1.61
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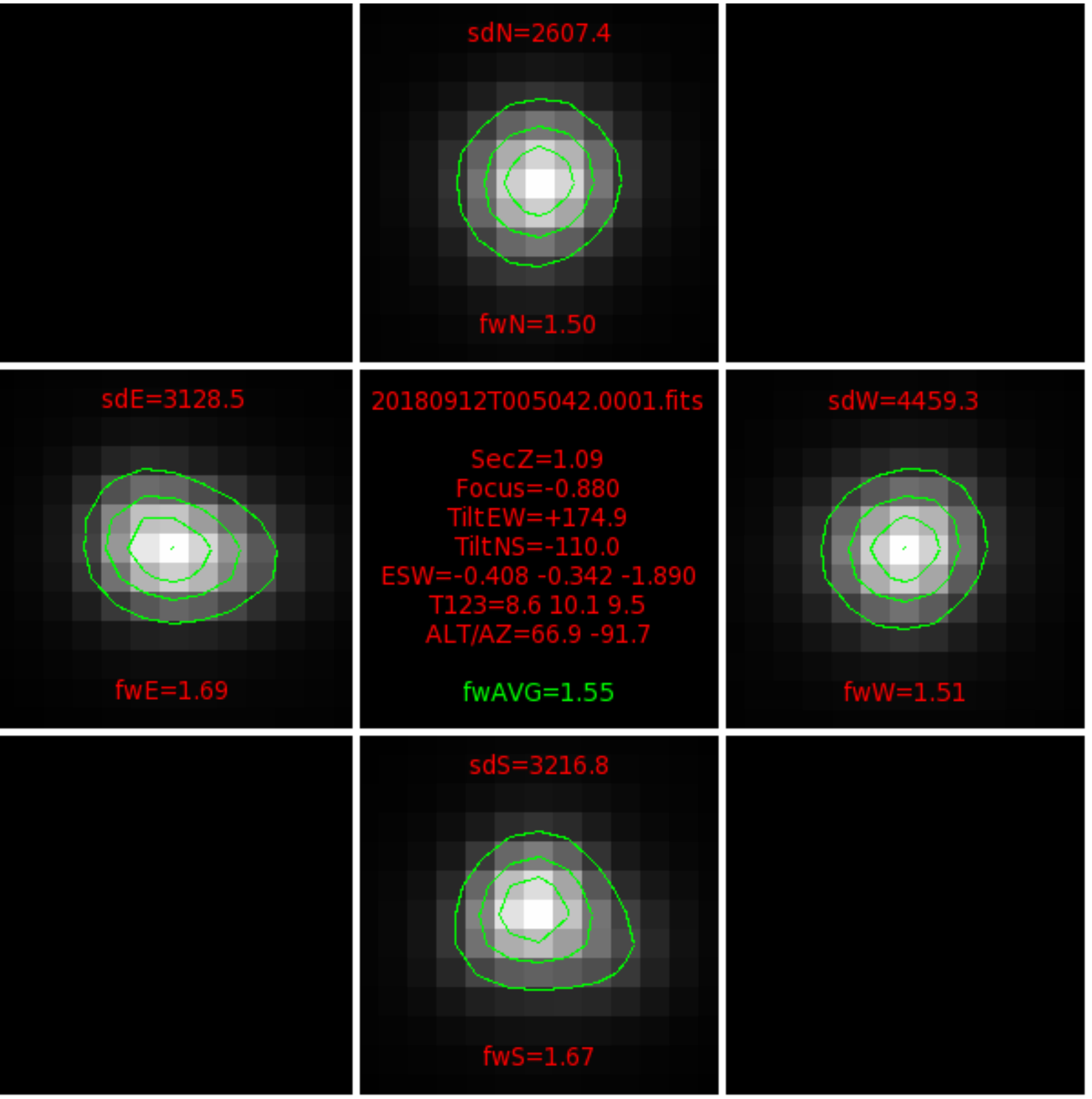
sdN=2607.4
fwN=1.50
sdE=3128.5
fwE=1.69
20180912T005042.0001.fits
SecZ=1.09
Focus=-0.880
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.408 -0.342 -1.890
T123=8.6 10.1 9.5
ALT/AZ=66.9 -91.7
fwAVG=1.55
sdW=4459.3
fwW=1.51
sdS=3216.8
fwS=1.67
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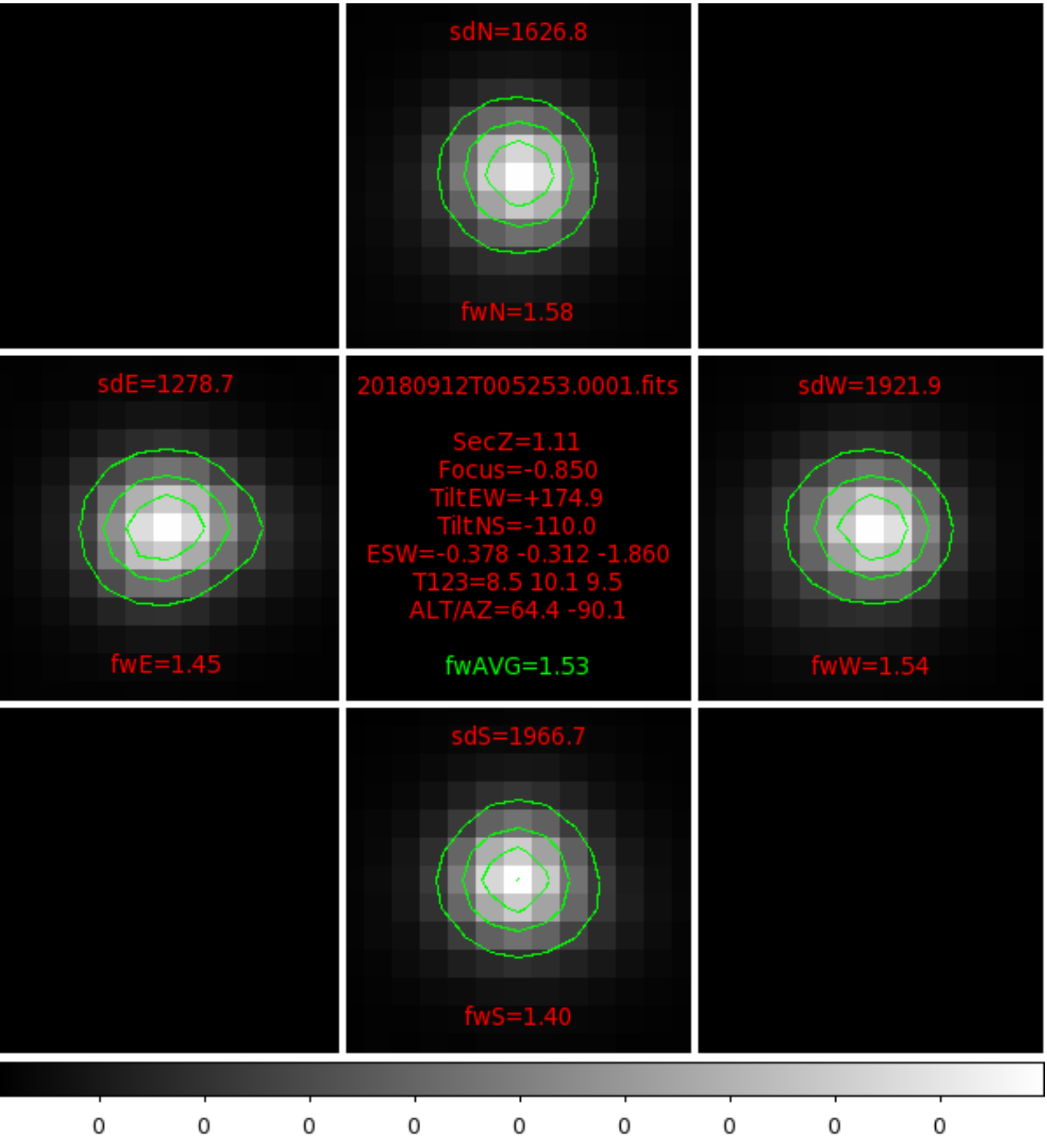
sdN=1626.8
fwN=1.58
sdE=1278.7
fwE=1.45
20180912T005253.0001.fits
SecZ=1.11
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=8.5 10.1 9.5
ALT/AZ=64.4 -90.1
fwAVG=1.53
sdW=1921.9
fwW=1.54
sdS=1966.7
fwS=1.40
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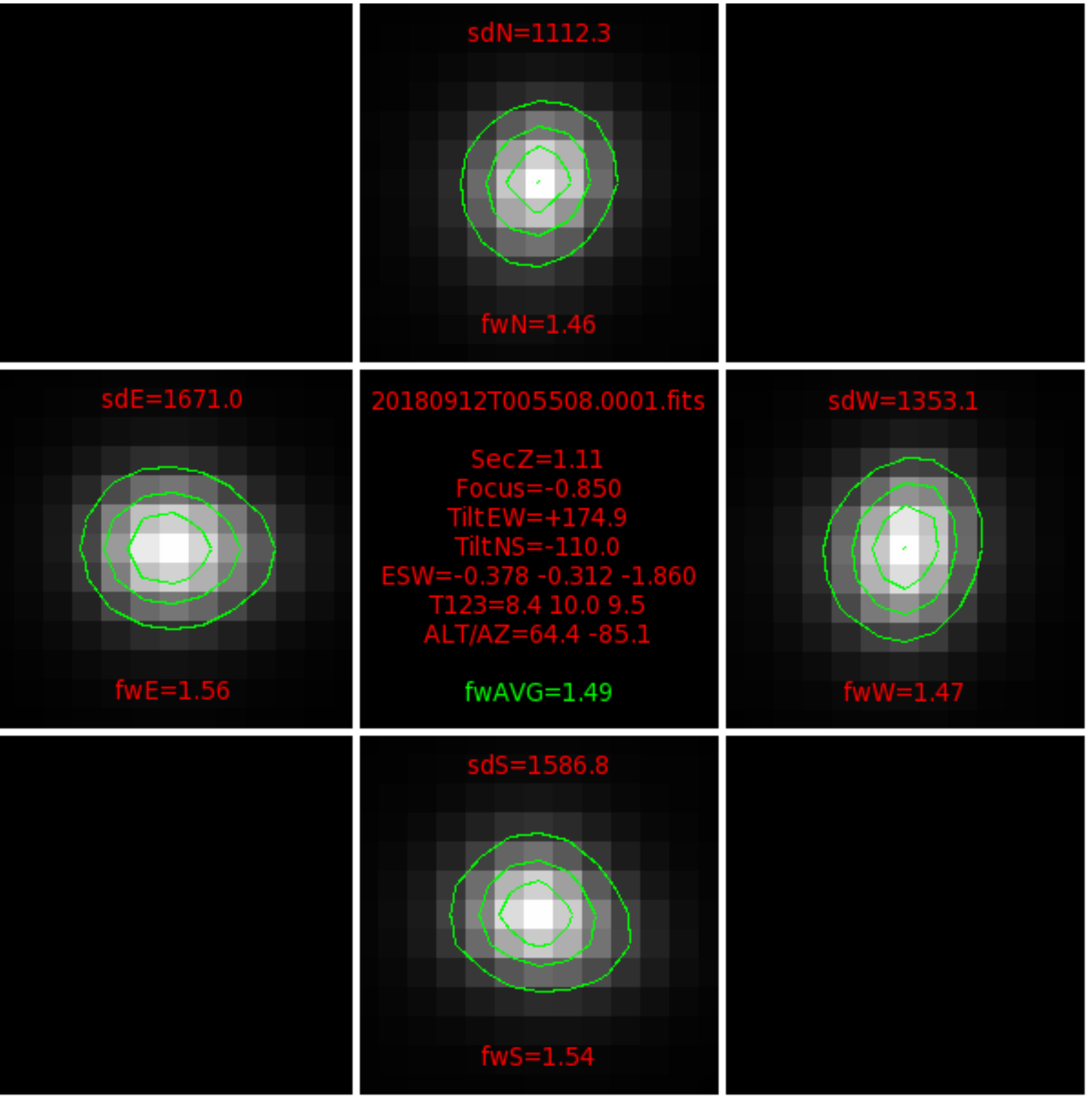
sdN=1112.3
fwN=1.46
sdE=1671.0
fwE=1.56
20180912T005508.0001.fits
SecZ=1.11
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=8.4 10.0 9.5
ALT/AZ=64.4 -85.1
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sdW=1353.1
fwW=1.47
sdS=1586.8
fwS=1.54
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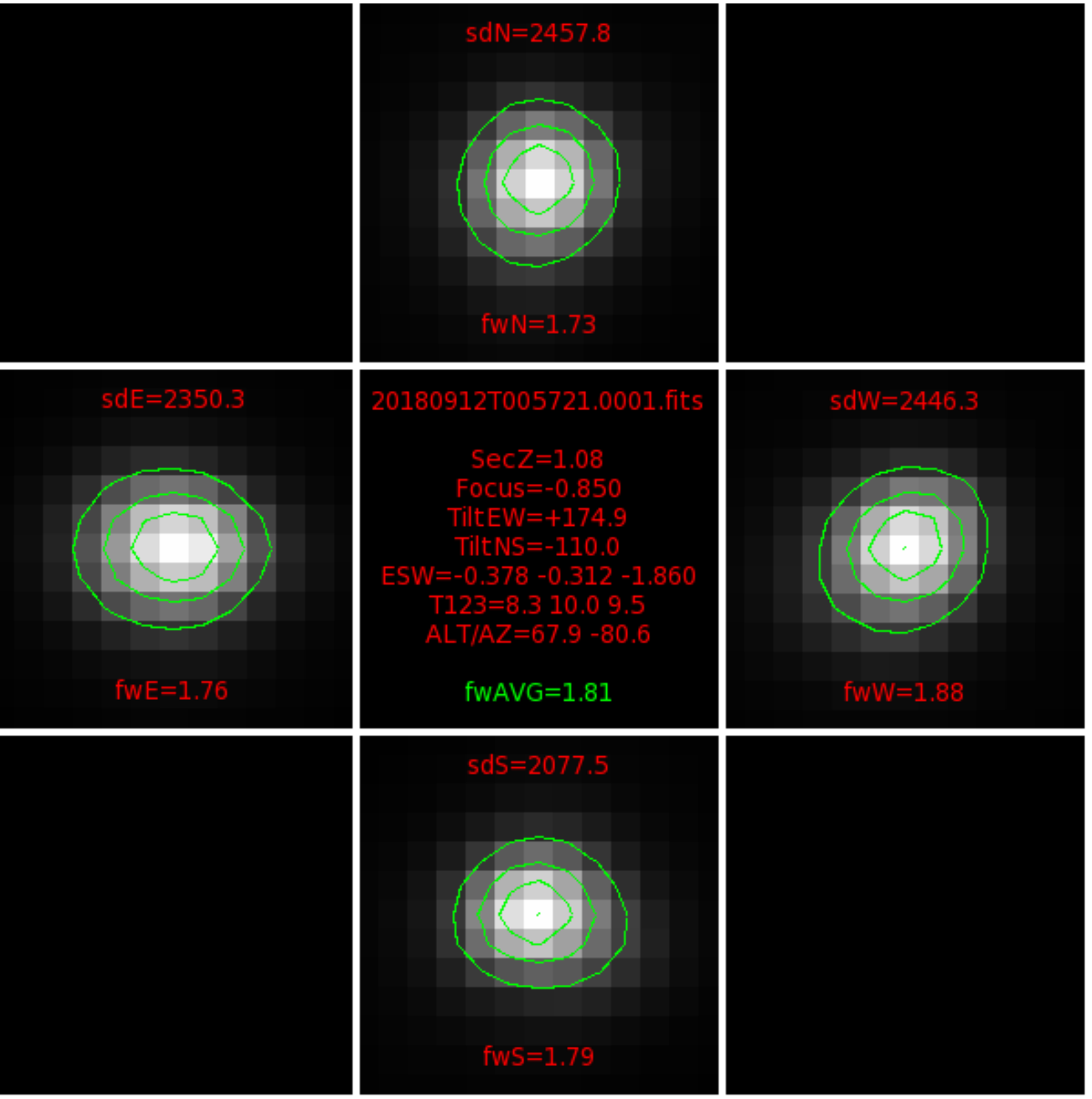
sdN=2457.8
fwN=1.73
sdE=2350.3
fwE=1.76
20180912T005721.0001.fits
SecZ=1.08
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=8.3 10.0 9.5
ALT/AZ=67.9 -80.6
fwAVG=1.81
sdW=2446.3
fwW=1.88
sdS=2077.5
fwS=1.79
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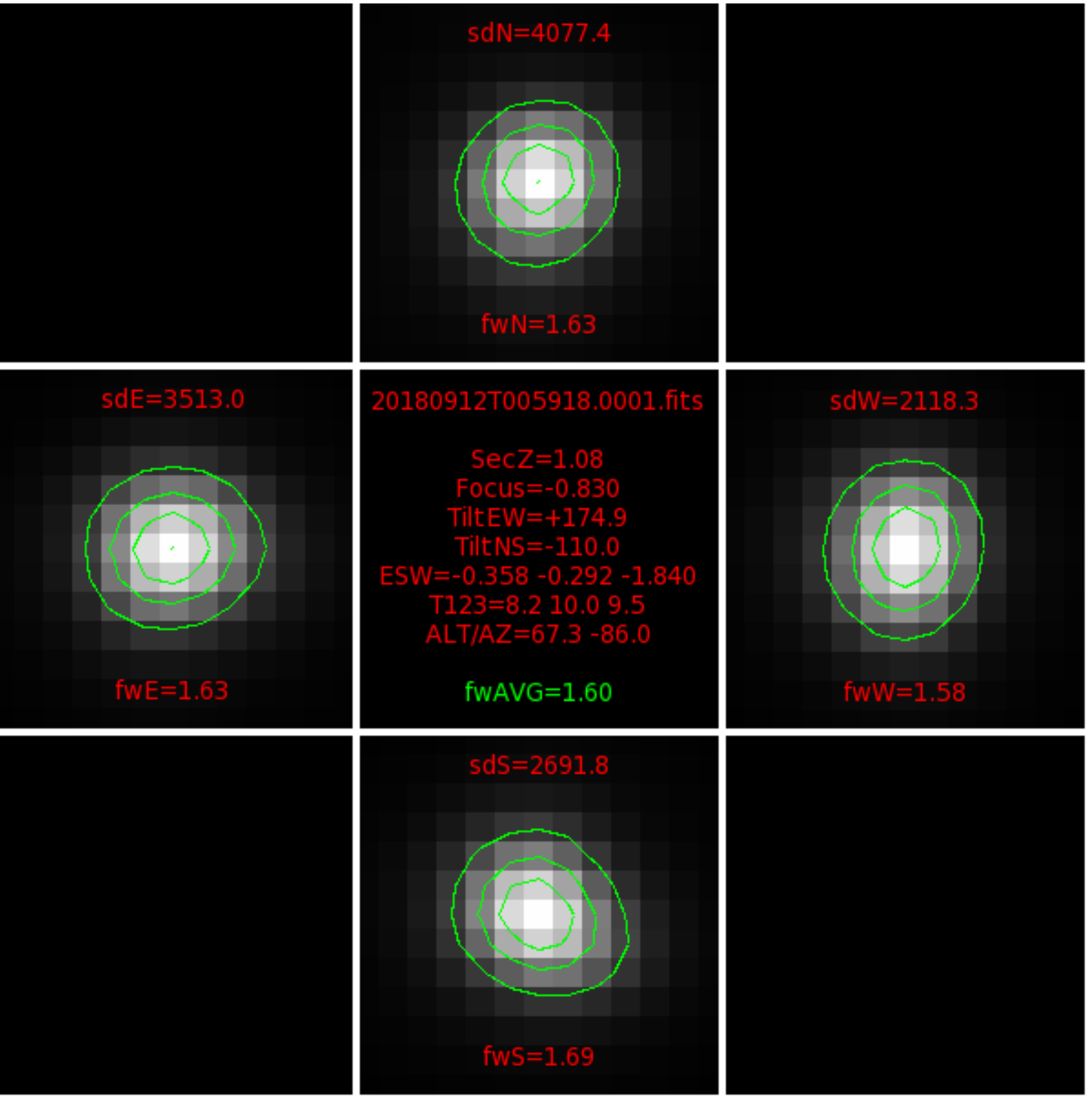
sdN=4077.4
fwN=1.63
sdE=3513.0
fwE=1.63
20180912T005918.0001.fits
SecZ=1.08
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=8.2 10.0 9.5
ALT/AZ=67.3 -86.0
fwAVG=1.60
sdW=2118.3
fwW=1.58
sdS=2691.8
fwS=1.69
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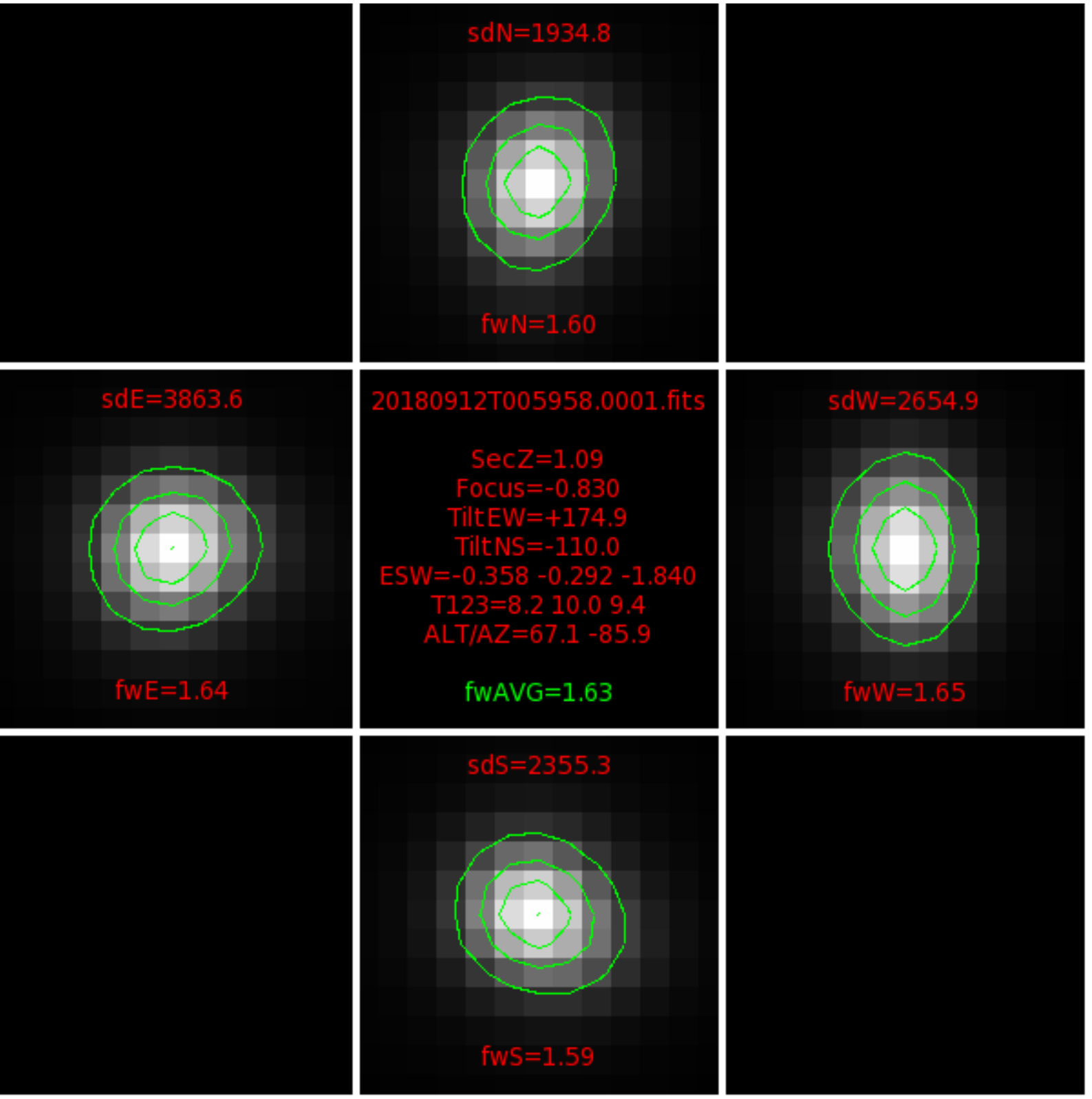
sdN=1934.8
fwN=1.60
sdE=3863.6
fwE=1.64
20180912T005958.0001.fits
SecZ=1.09
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=8.2 10.0 9.4
ALT/AZ=67.1 -85.9
fwAVG=1.63
sdW=2654.9
fwW=1.65
sdS=2355.3
fwS=1.59
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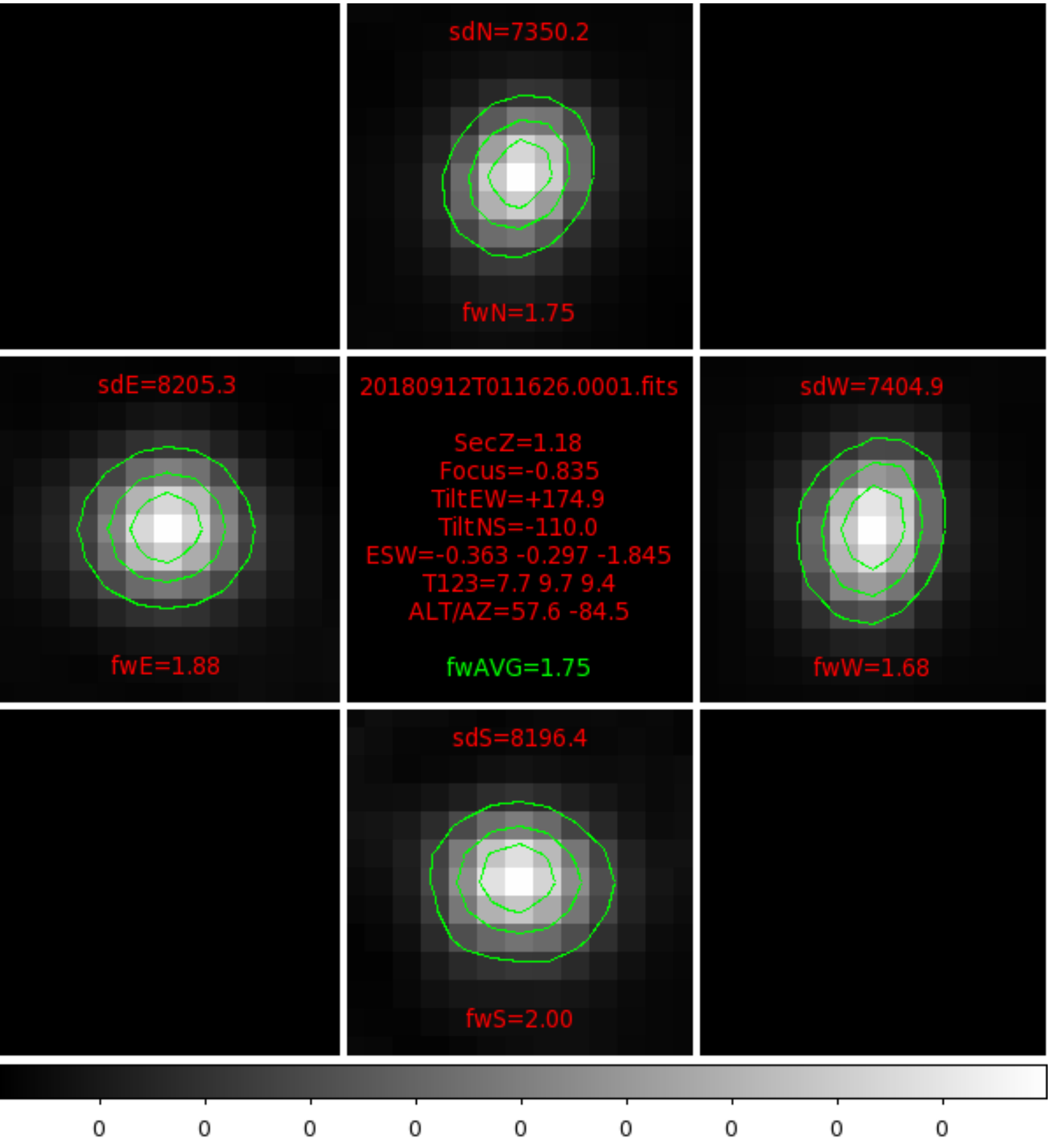
sdN=7350.2
fwN=1.75
sdE=8205.3
fwE=1.88
20180912T011626.0001.fits
SecZ=1.18
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.7 9.7 9.4
ALT/AZ=57.6 -84.5
fwAVG=1.75
sdW=7404.9
fwW=1.68
sdS=8196.4
fwS=2.00
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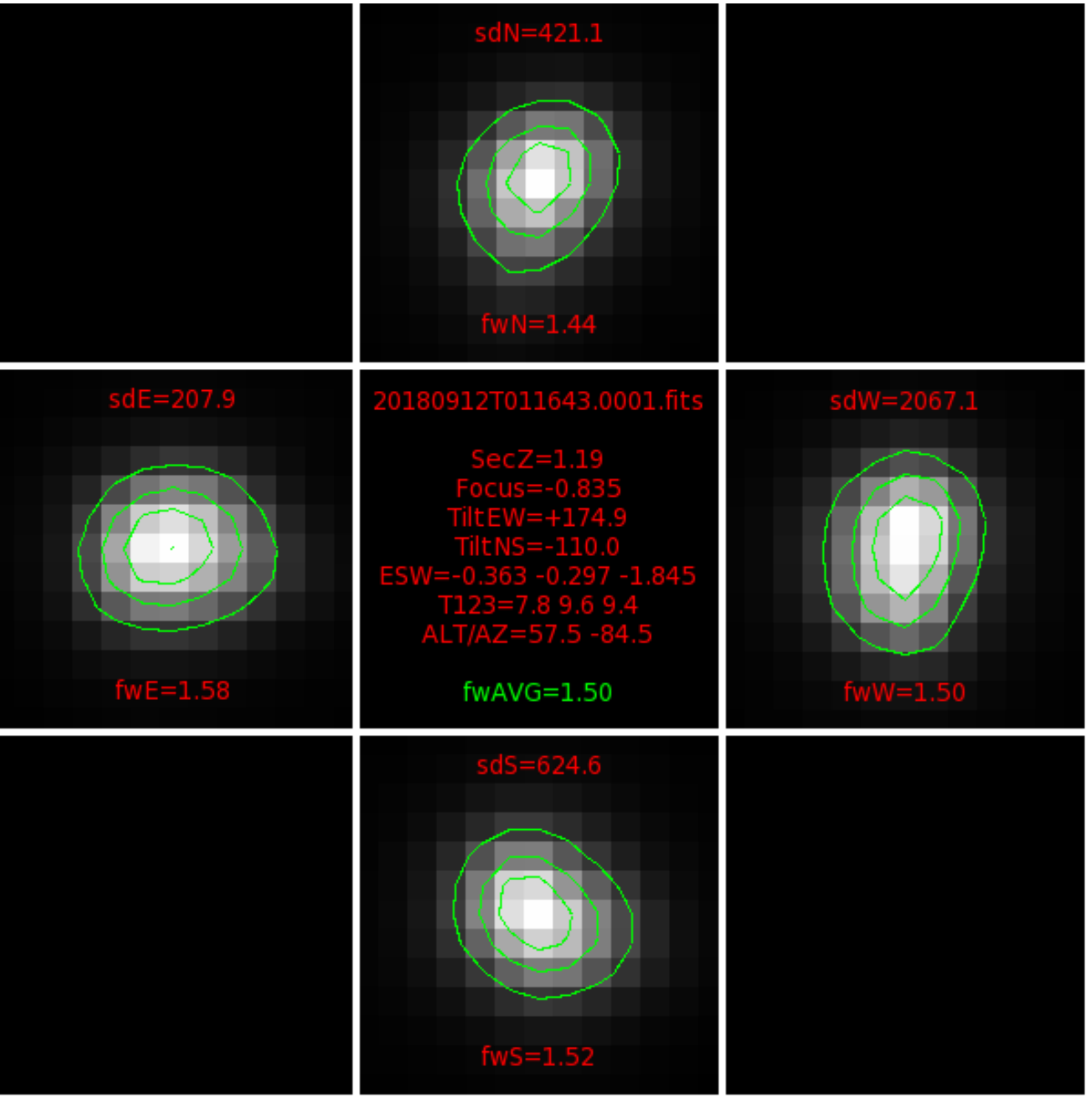
sdN=421.1
fwN=1.44
sdE=207.9
fwE=1.58
20180912T011643.0001.fits
SecZ=1.19
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.8 9.6 9.4
ALT/AZ=57.5 -84.5
fwAVG=1.50
sdW=2067.1
fwW=1.50
sdS=624.6
fwS=1.52
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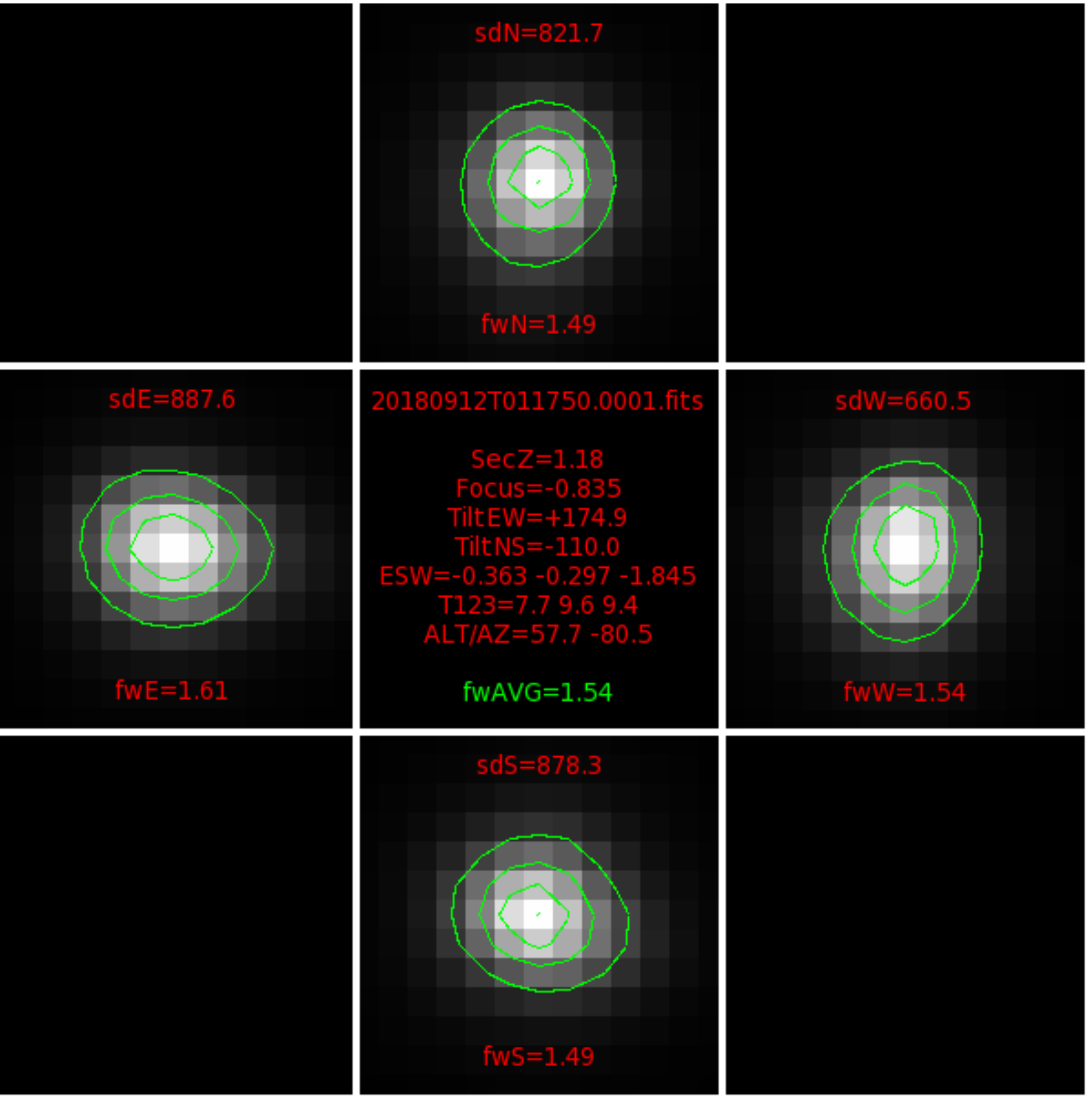
sdN=821.7
fwN=1.49
sdE=887.6
fwE=1.61
20180912T011750.0001.fits
SecZ=1.18
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.7 9.6 9.4
ALT/AZ=57.7 -80.5
fwAVG=1.54
sdW=660.5
fwW=1.54
sdS=878.3
fwS=1.49
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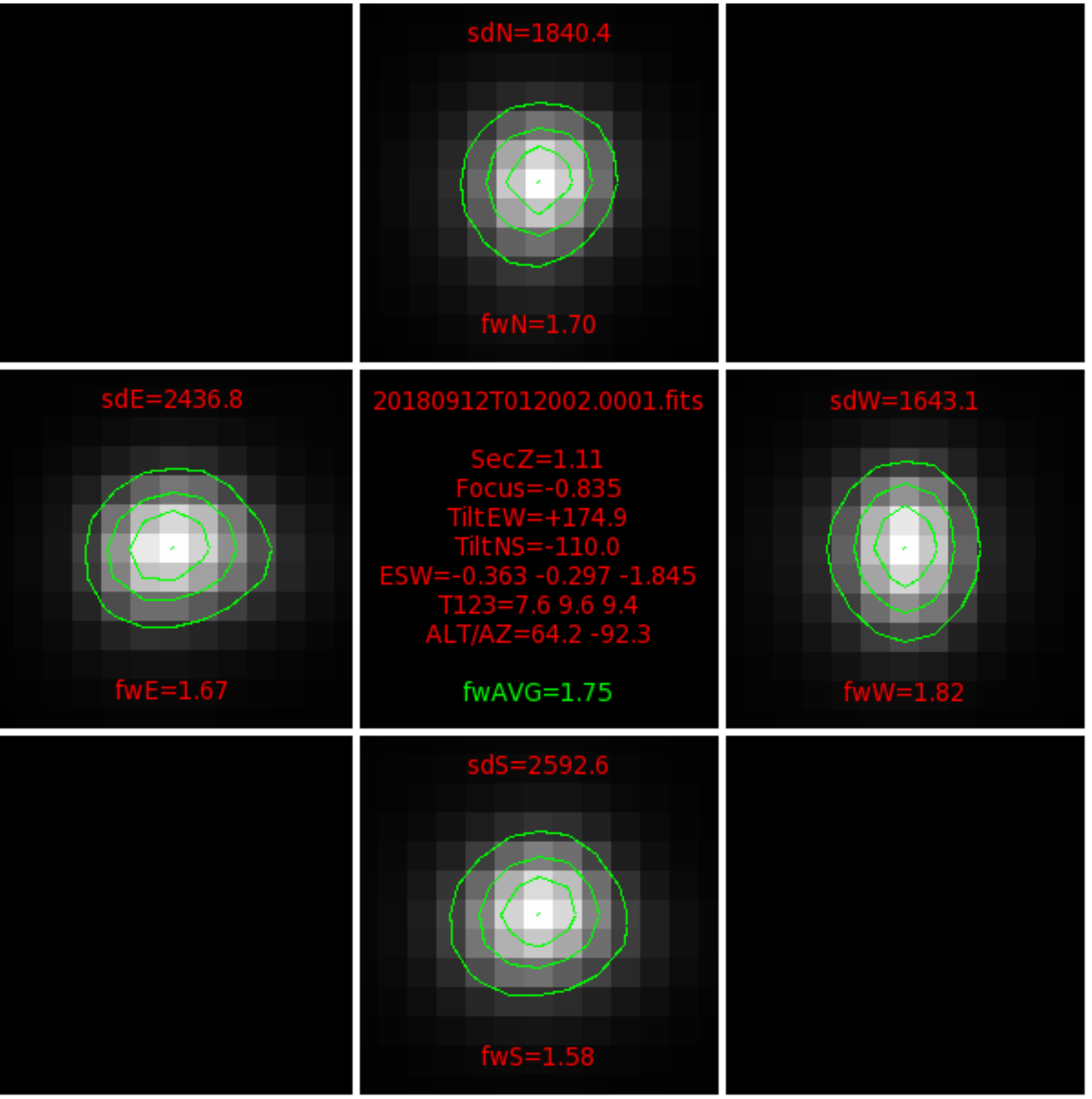
sdN=1840.4
fwN=1.70
sdE=2436.8
fwE=1.67
20180912T012002.0001.fits
SecZ=1.11
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.6 9.6 9.4
ALT/AZ=64.2 -92.3
fwAVG=1.75
sdW=1643.1
fwW=1.82
sdS=2592.6
fwS=1.58
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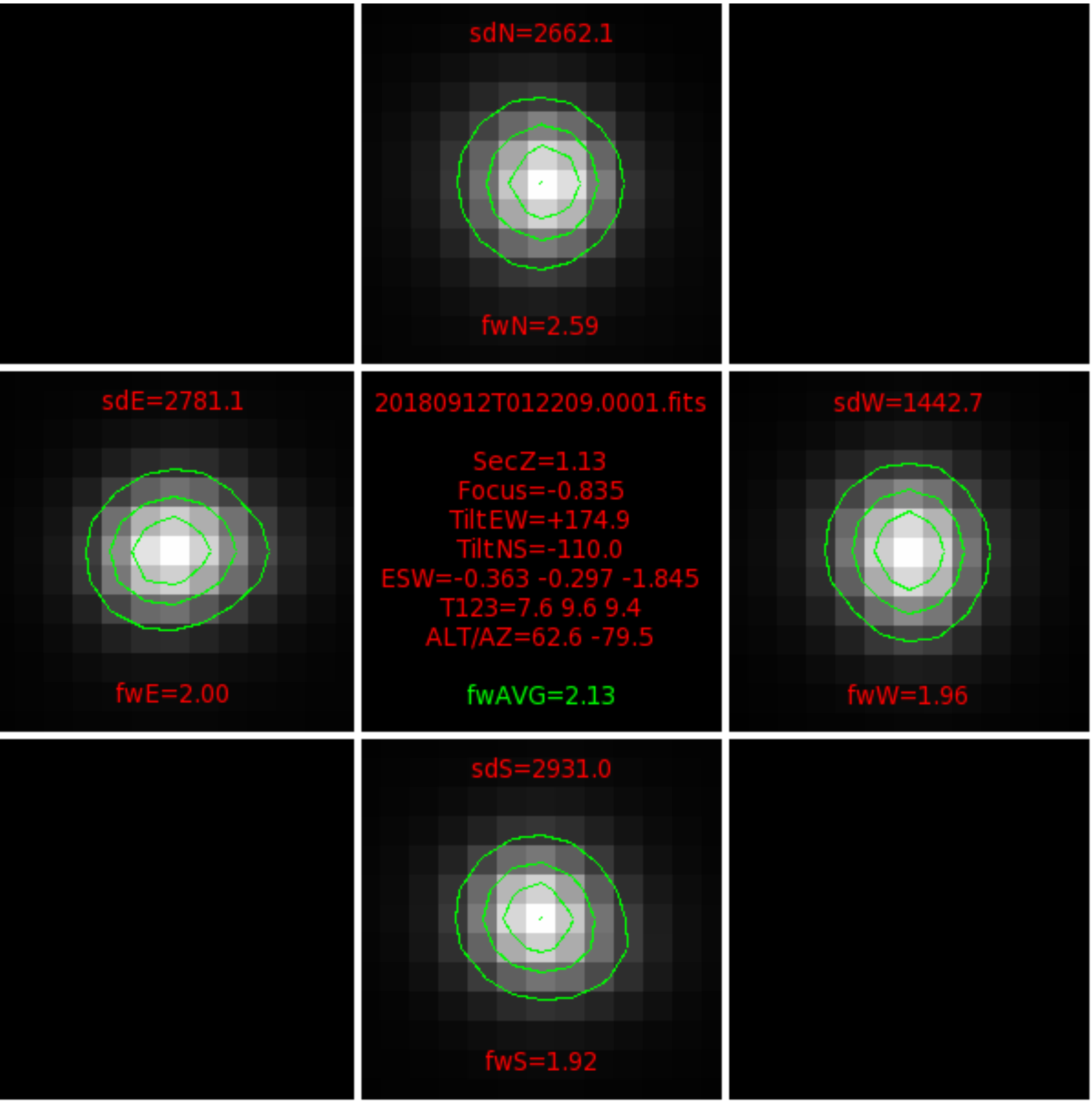
sdN=2662.1
fwN=2.59
sdE=2781.1
fwE=2.00
20180912T012209.0001.fits
SecZ=1.13
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.6 9.6 9.4
ALT/AZ=62.6 -79.5
fwAVG=2.13
sdW=1442.7
fwW=1.96
sdS=2931.0
fwS=1.92
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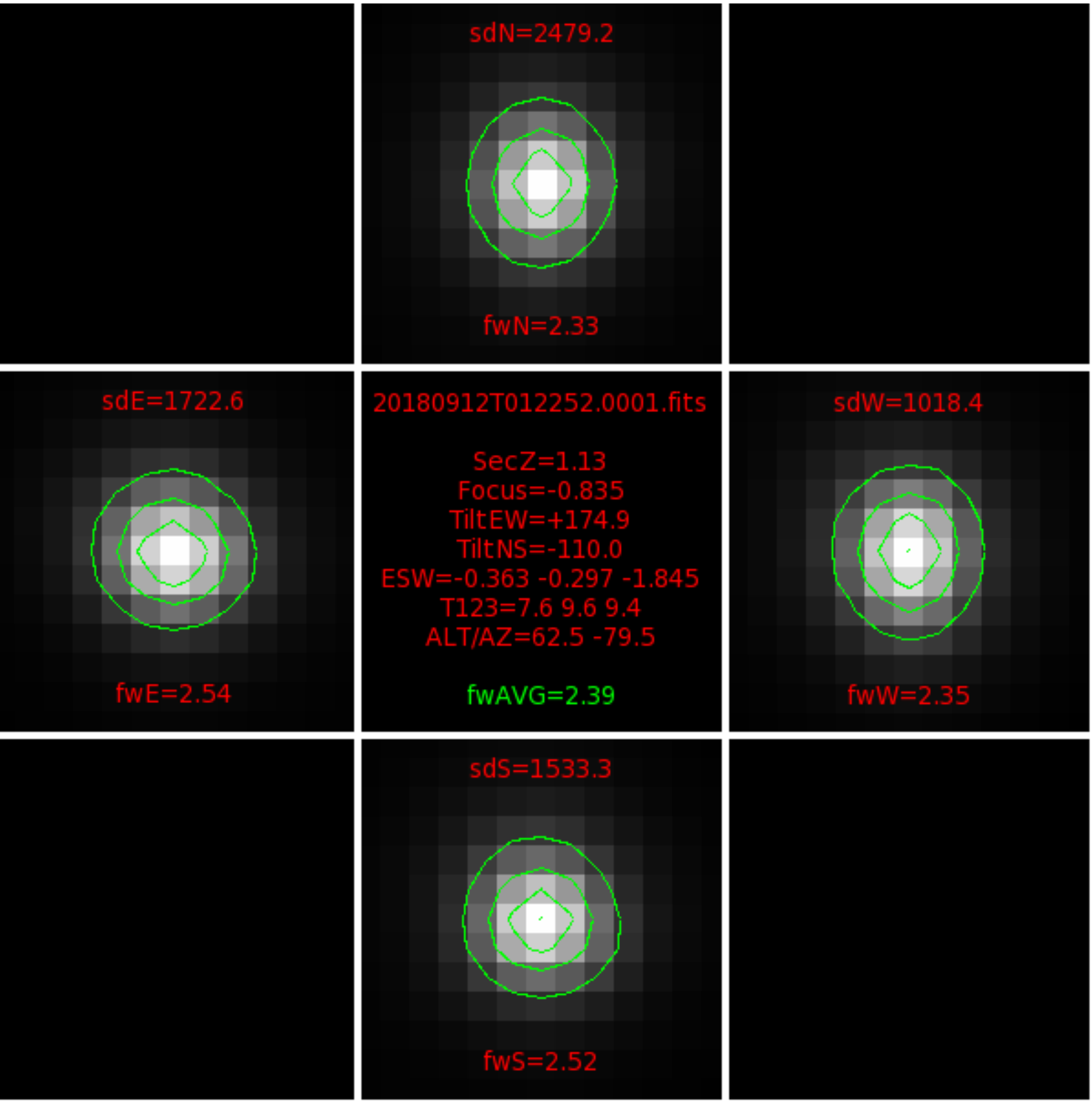
sdN=2479.2
fwN=2.33
sdE=1722.6
fwE=2.54
20180912T012252.0001.fits
SecZ=1.13
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.6 9.6 9.4
ALT/AZ=62.5 -79.5
fwAVG=2.39
sdW=1018.4
fwW=2.35
sdS=1533.3
fwS=2.52
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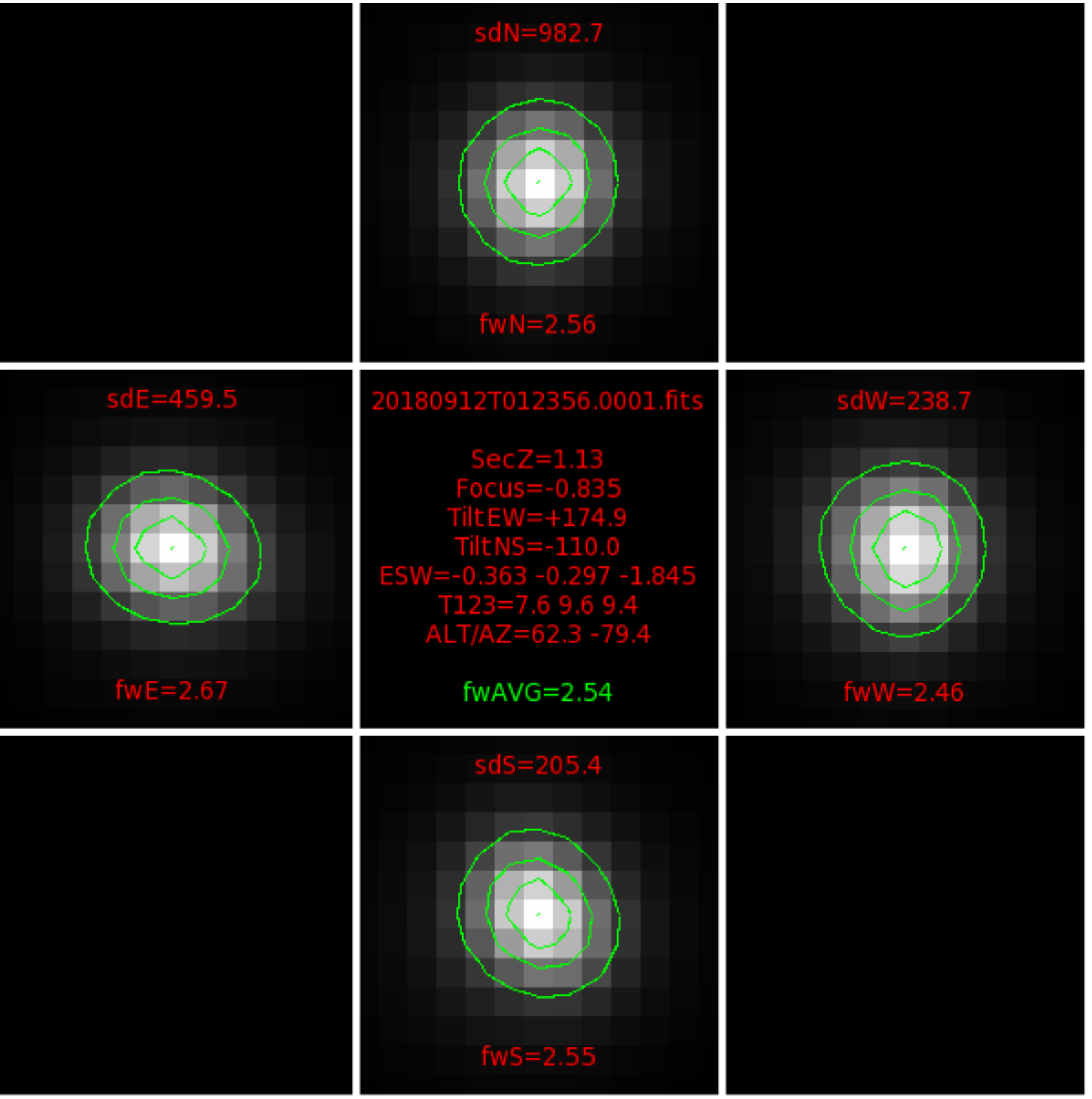
sdN=982.7
fwN=2.56
sdE=459.5
fwE=2.67
20180912T012356.0001.fits
SecZ=1.13
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.6 9.6 9.4
ALT/AZ=62.3 -79.4
fwAVG=2.54
sdW=238.7
fwW=2.46
sdS=205.4
fwS=2.55
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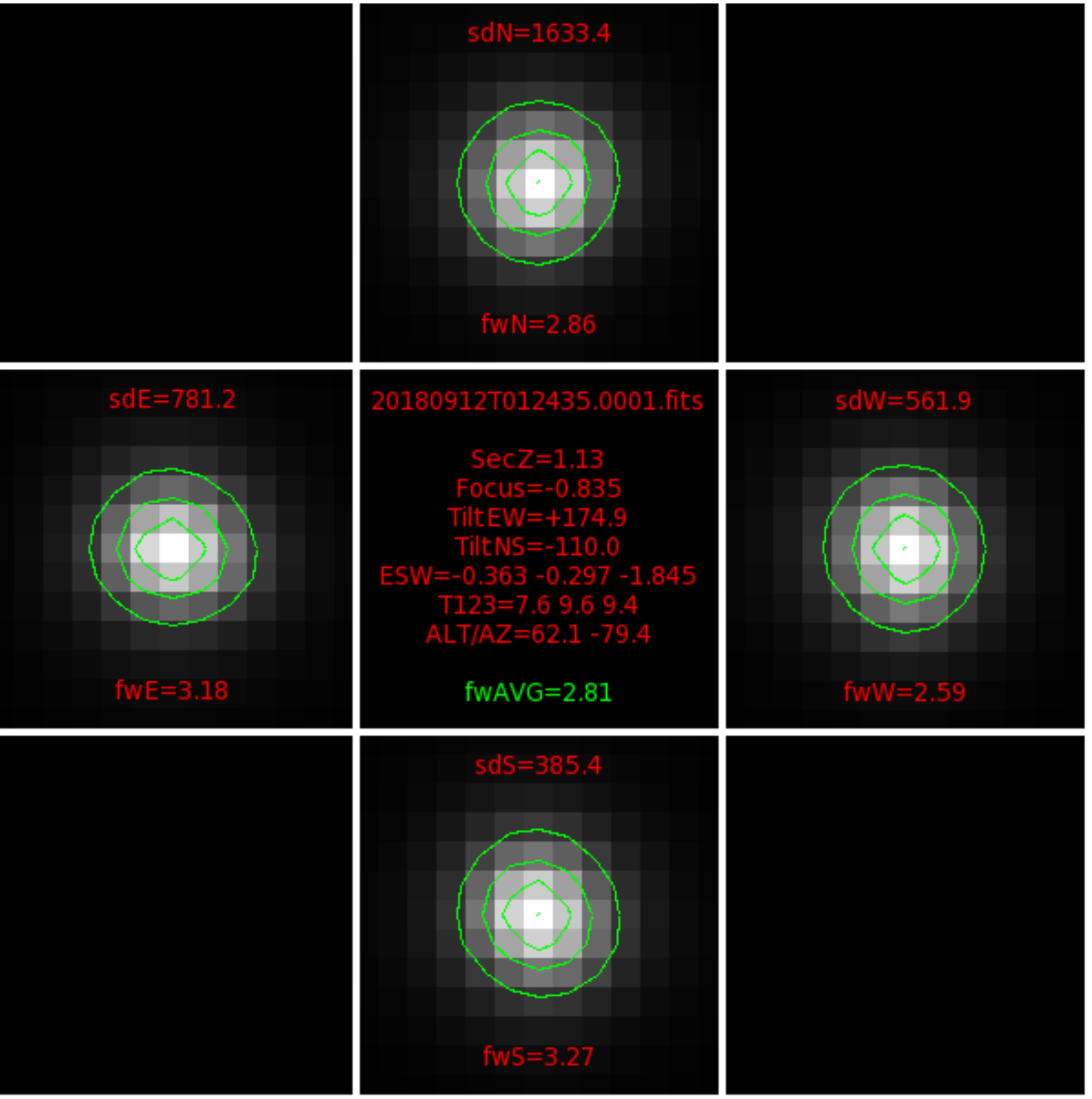
sdN=1633.4
fwN=2.86
sdE=781.2
fwE=3.18
20180912T012435.0001.fits
SecZ=1.13
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.6 9.6 9.4
ALT/AZ=62.1 -79.4
fwAVG=2.81
sdW=561.9
fwW=2.59
sdS=385.4
fwS=3.27
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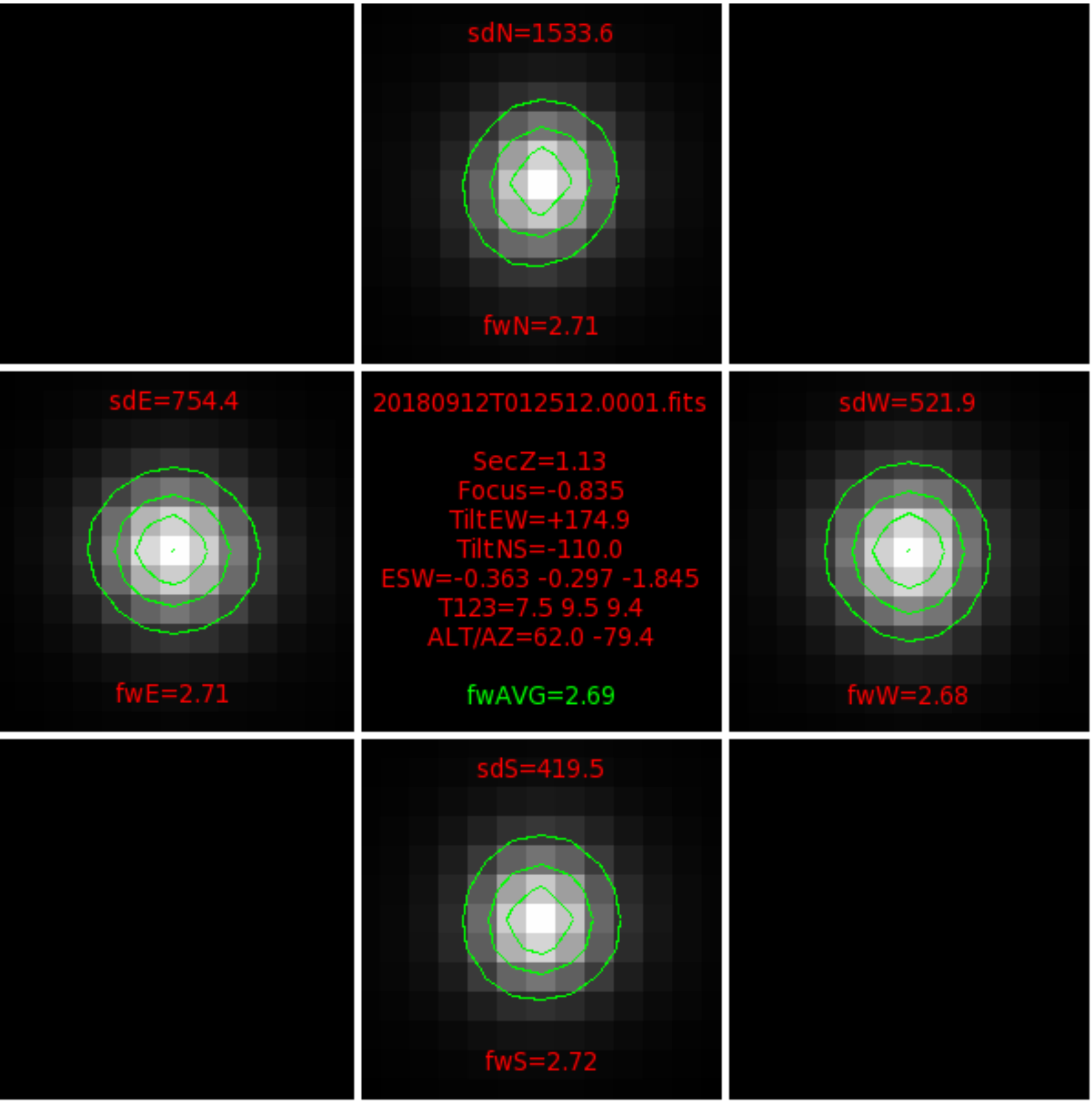
sdN=1533.6
fwN=2.71
sdE=754.4
fwE=2.71
20180912T012512.0001.fits
SecZ=1.13
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.5 9.5 9.4
ALT/AZ=62.0 -79.4
fwAVG=2.69
sdW=521.9
fwW=2.68
sdS=419.5
fwS=2.72
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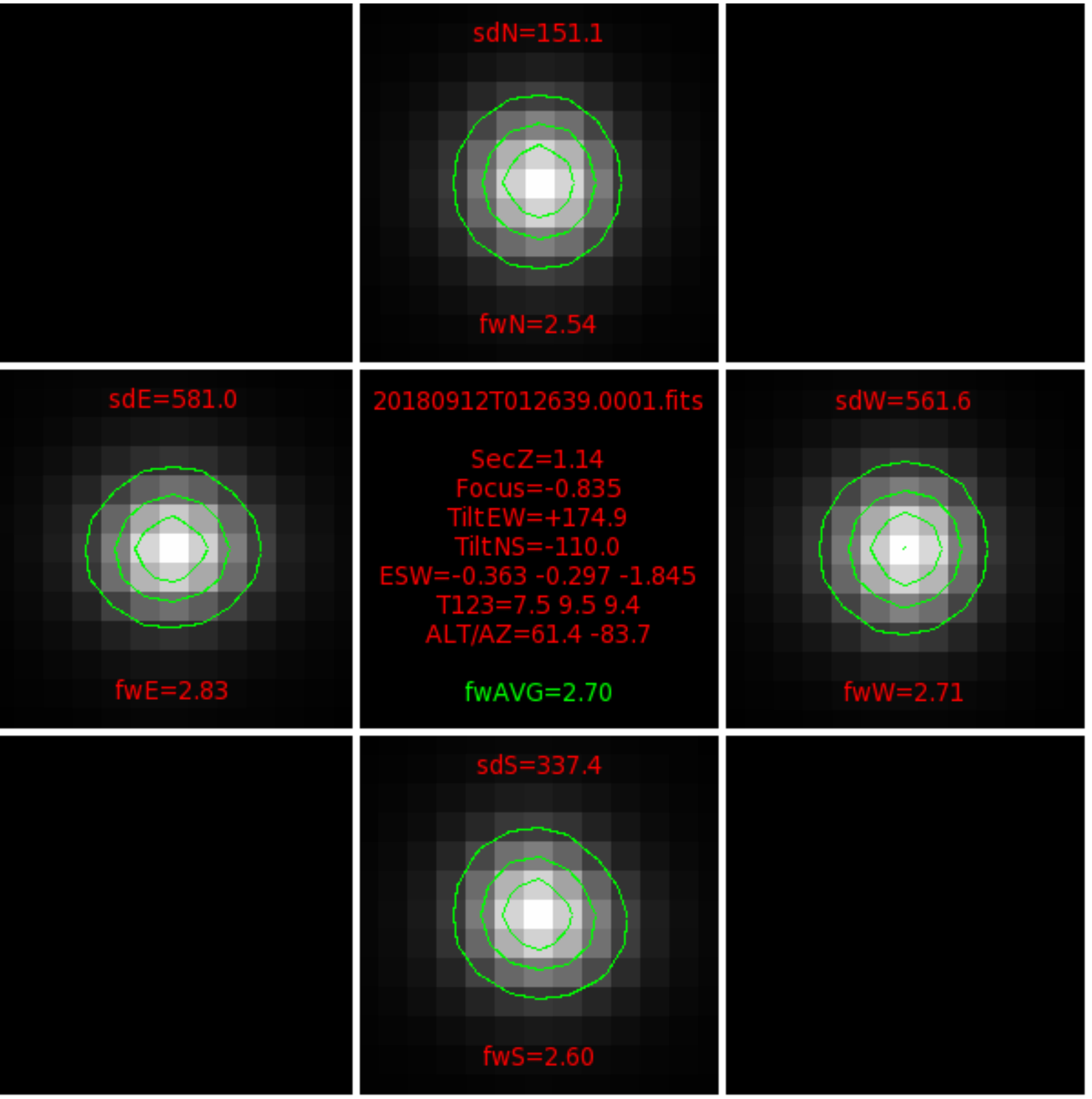
sdN=151.1
fwN=2.54
sdE=581.0
fwE=2.83
20180912T012639.0001.fits
SecZ=1.14
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.5 9.5 9.4
ALT/AZ=61.4 -83.7
fwAVG=2.70
sdW=561.6
fwW=2.71
sdS=337.4
fwS=2.60
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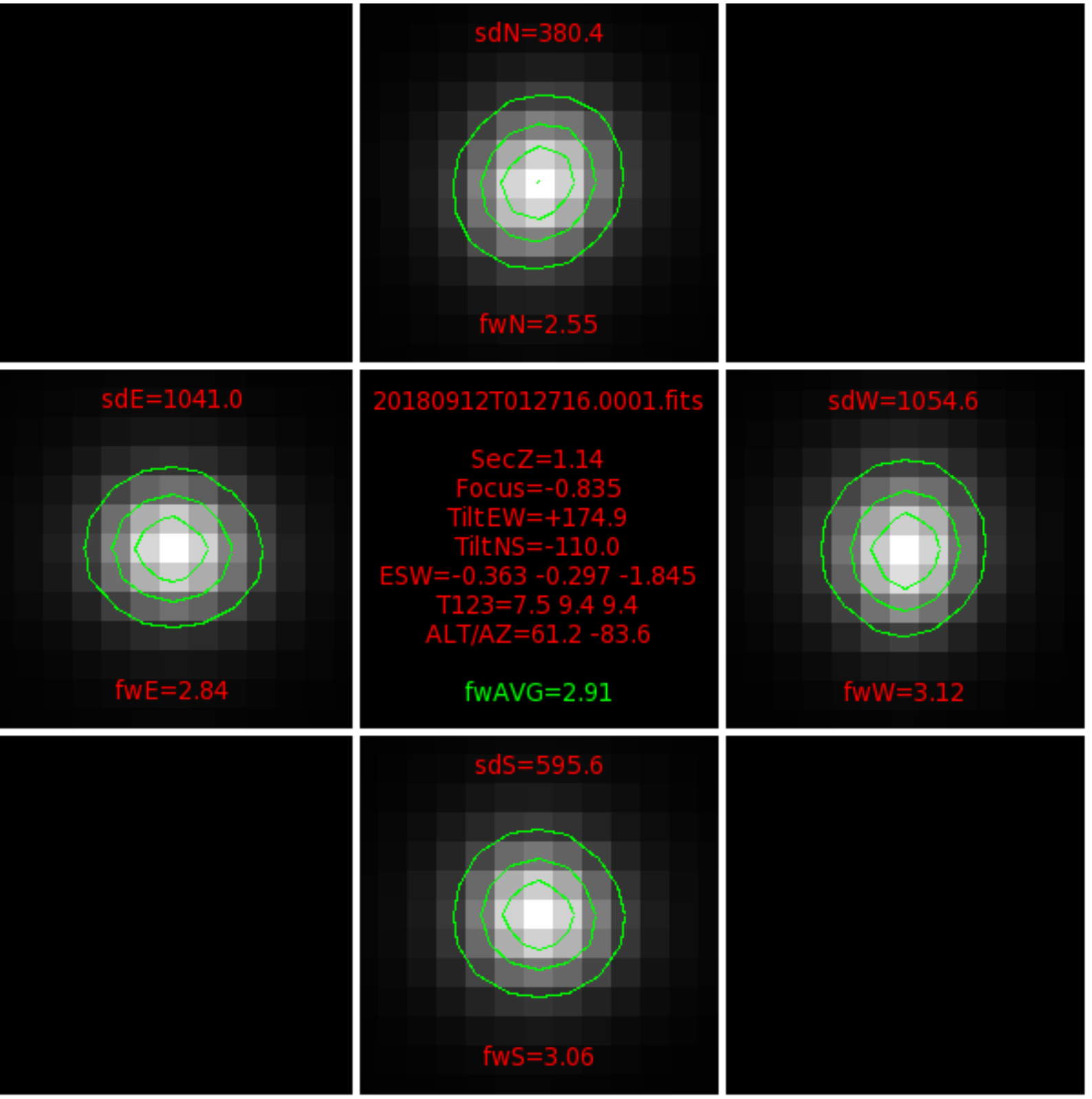
sdN=380.4
fwN=2.55
sdE=1041.0
fwE=2.84
20180912T012716.0001.fits
SecZ=1.14
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.5 9.4 9.4
ALT/AZ=61.2 -83.6
fwAVG=2.91
sdW=1054.6
fwW=3.12
sdS=595.6
fwS=3.06
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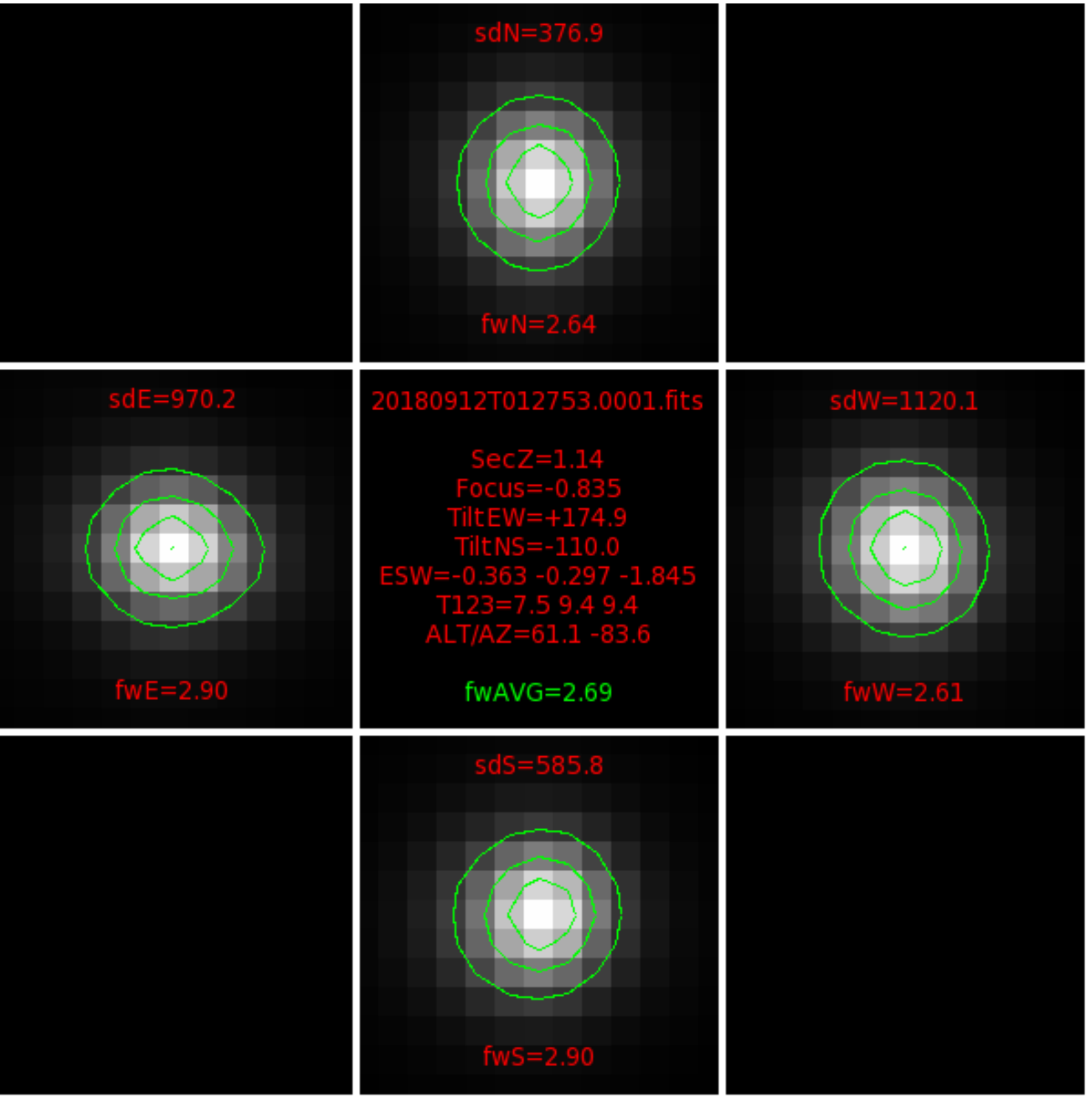
sdN=376.9
fwN=2.64
sdE=970.2
fwE=2.90
20180912T012753.0001.fits
SecZ=1.14
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.5 9.4 9.4
ALT/AZ=61.1 -83.6
fwAVG=2.69
sdW=1120.1
fwW=2.61
sdS=585.8
fwS=2.90
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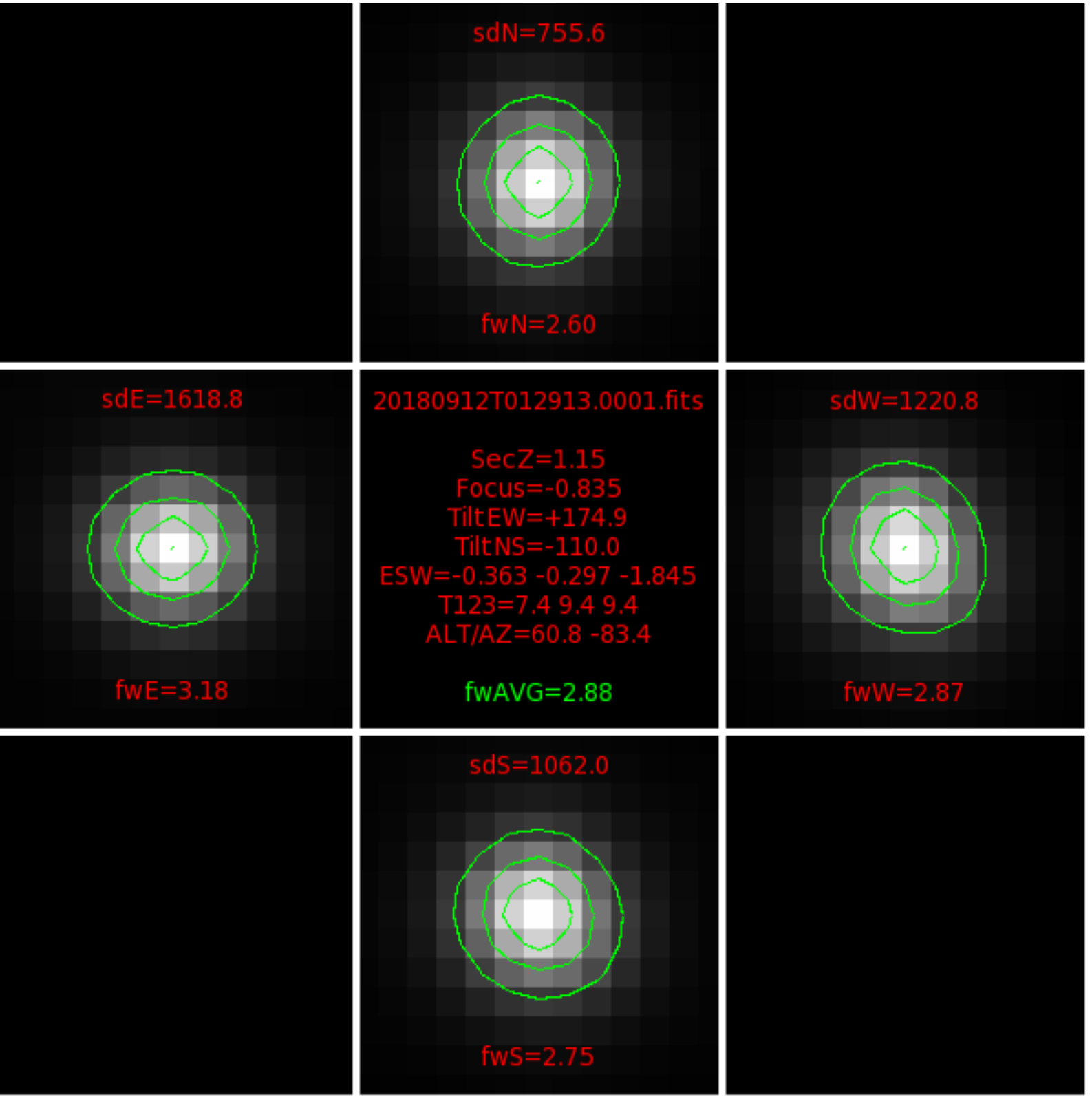
sdN=755.6
fwN=2.60
sdE=1618.8
fwE=3.18
20180912T012913.0001.fits
SecZ=1.15
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.4 9.4 9.4
ALT/AZ=60.8 -83.4
fwAVG=2.88
sdW=1220.8
fwW=2.87
sdS=1062.0
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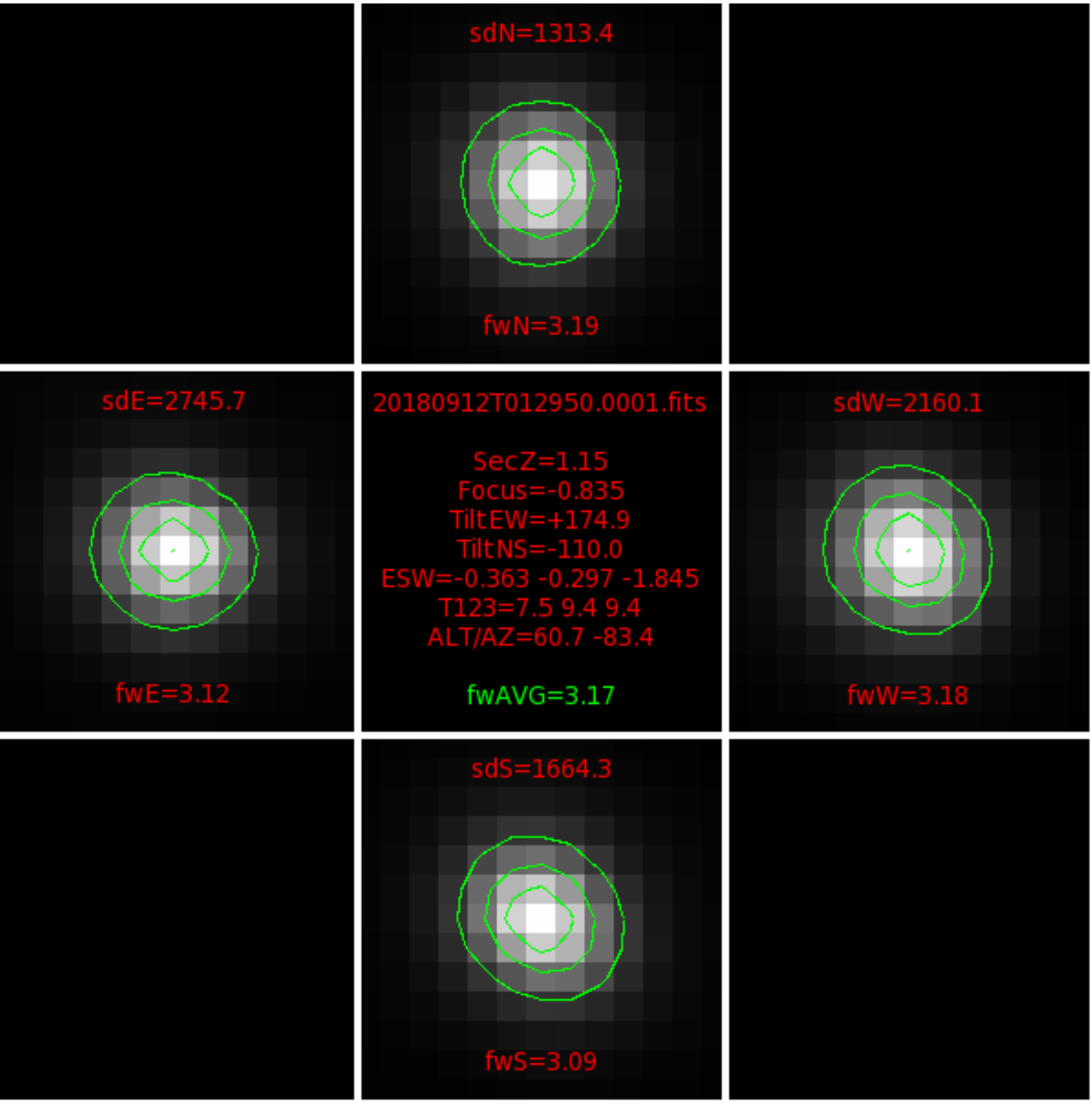
sdN=1313.4
fwN=3.19
sdE=2745.7
fwE=3.12
20180912T012950.0001.fits
SecZ=1.15
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.5 9.4 9.4
ALT/AZ=60.7 -83.4
fwAVG=3.17
sdW=2160.1
fwW=3.18
sdS=1664.3
fwS=3.09
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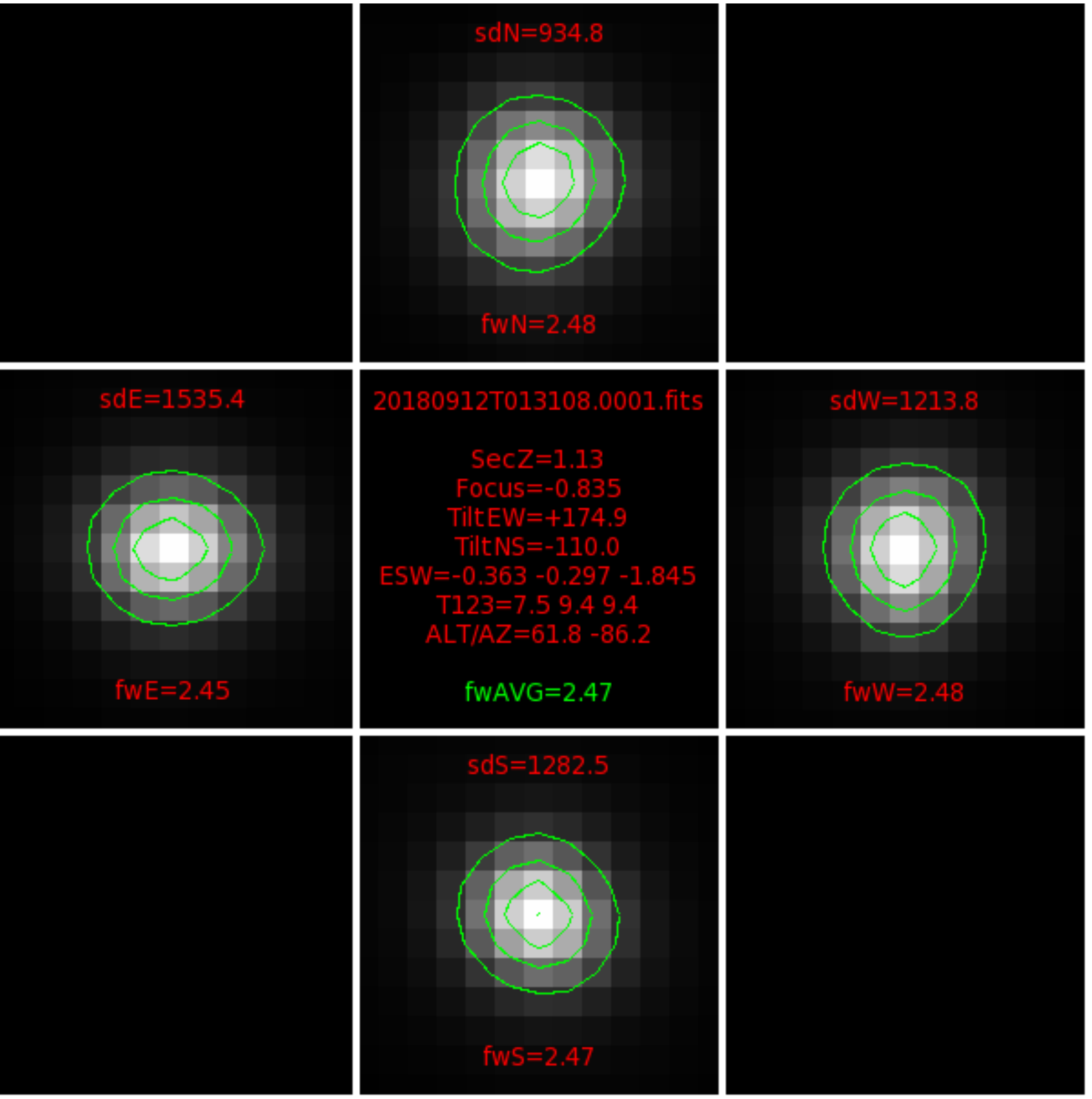
sdN=934.8
fwN=2.48
sdE=1535.4
fwE=2.45
20180912T013108.0001.fits
SecZ=1.13
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.5 9.4 9.4
ALT/AZ=61.8 -86.2
fwAVG=2.47
sdW=1213.8
fwW=2.48
sdS=1282.5
fwS=2.47
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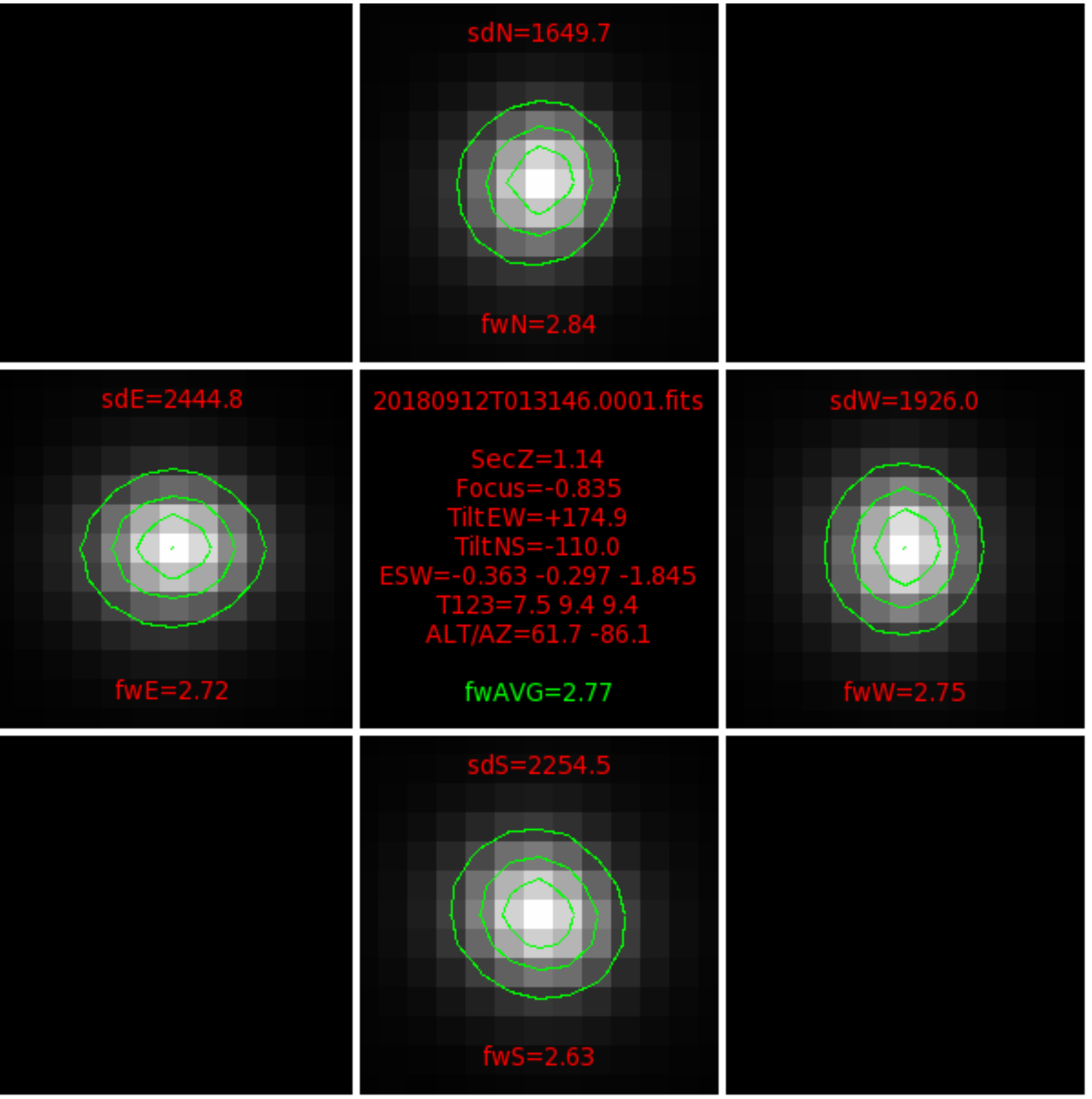
sdN=1649.7
fwN=2.84
sdE=2444.8
fwE=2.72
20180912T013146.0001.fits
SecZ=1.14
Focus=-0.835
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.363 -0.297 -1.845
T123=7.5 9.4 9.4
ALT/AZ=61.7 -86.1
fwAVG=2.77
sdW=1926.0
fwW=2.75
sdS=2254.5
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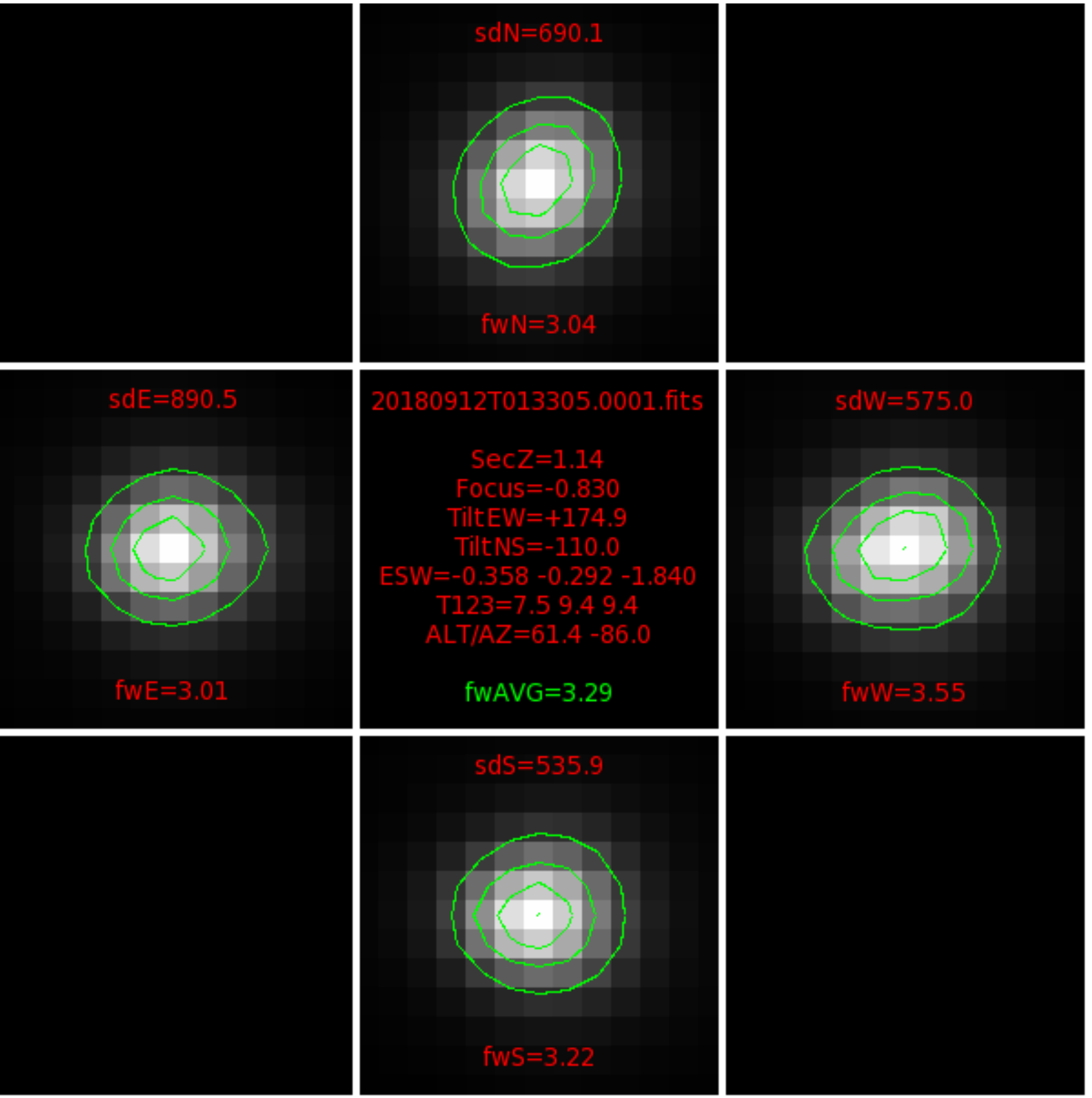
sdN=690.1
fwN=3.04
sdE=890.5
fwE=3.01
20180912T013305.0001.fits
SecZ=1.14
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.5 9.4 9.4
ALT/AZ=61.4 -86.0
fwAVG=3.29
sdW=575.0
fwW=3.55
sdS=535.9
fwS=3.22
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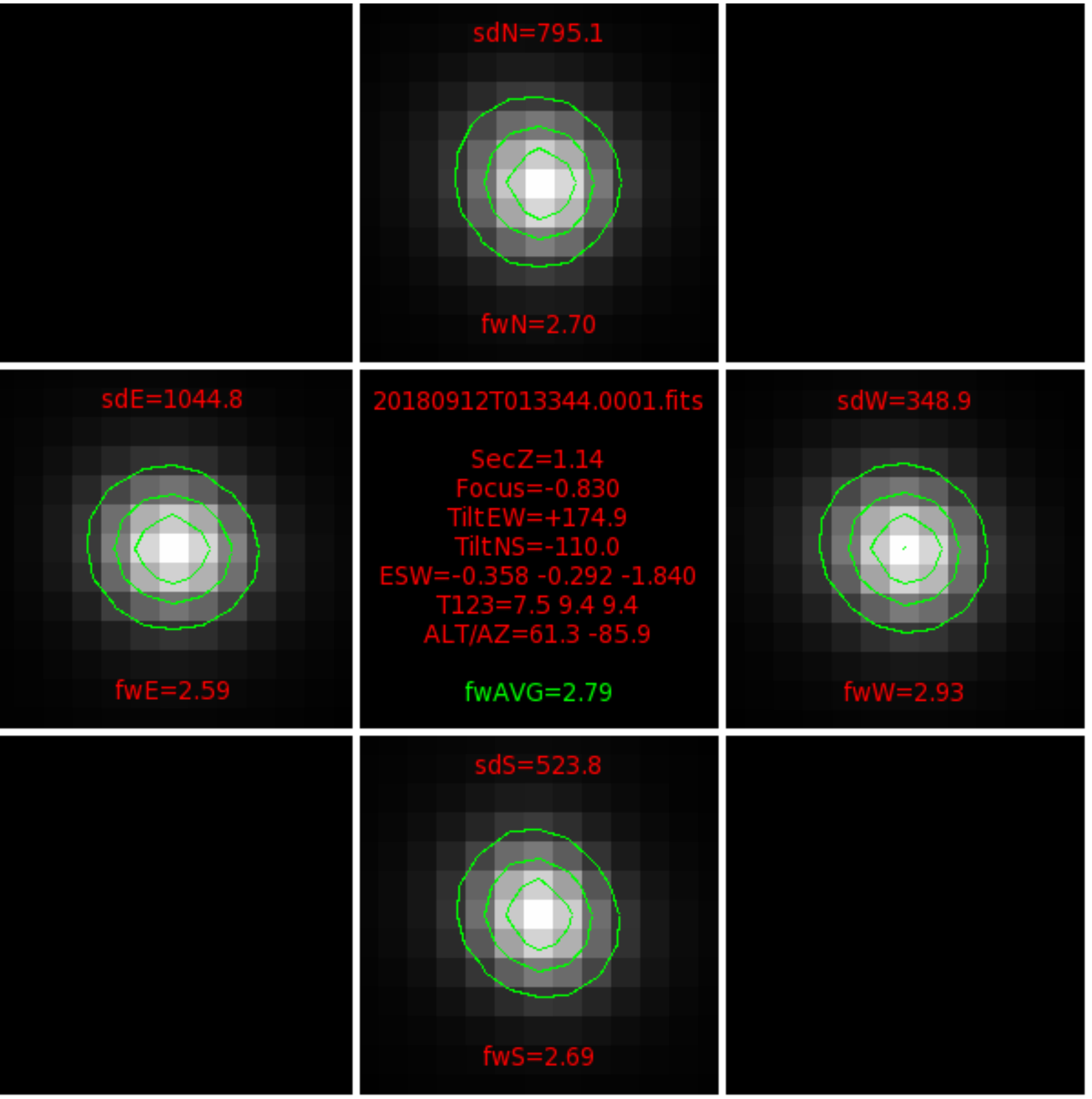
sdN=795.1
fwN=2.70
sdE=1044.8
fwE=2.59
20180912T013344.0001.fits
SecZ=1.14
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.5 9.4 9.4
ALT/AZ=61.3 -85.9
fwAVG=2.79
sdW=348.9
fwW=2.93
sdS=523.8
fwS=2.69
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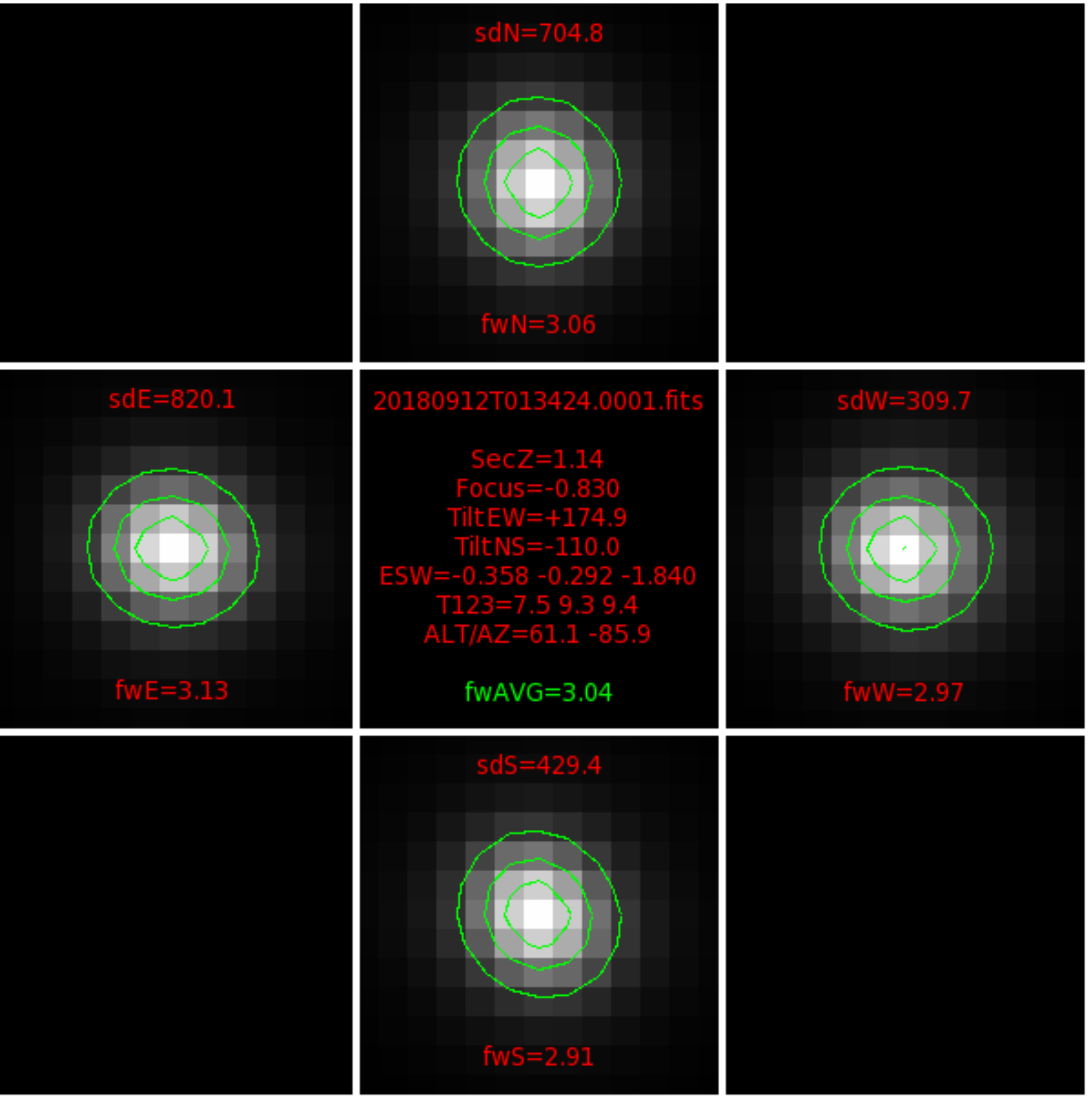
sdN=704.8
fwN=3.06
sdE=820.1
fwE=3.13
20180912T013424.0001.fits
SecZ=1.14
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.5 9.3 9.4
ALT/AZ=61.1 -85.9
fwAVG=3.04
sdW=309.7
fwW=2.97
sdS=429.4
fwS=2.91
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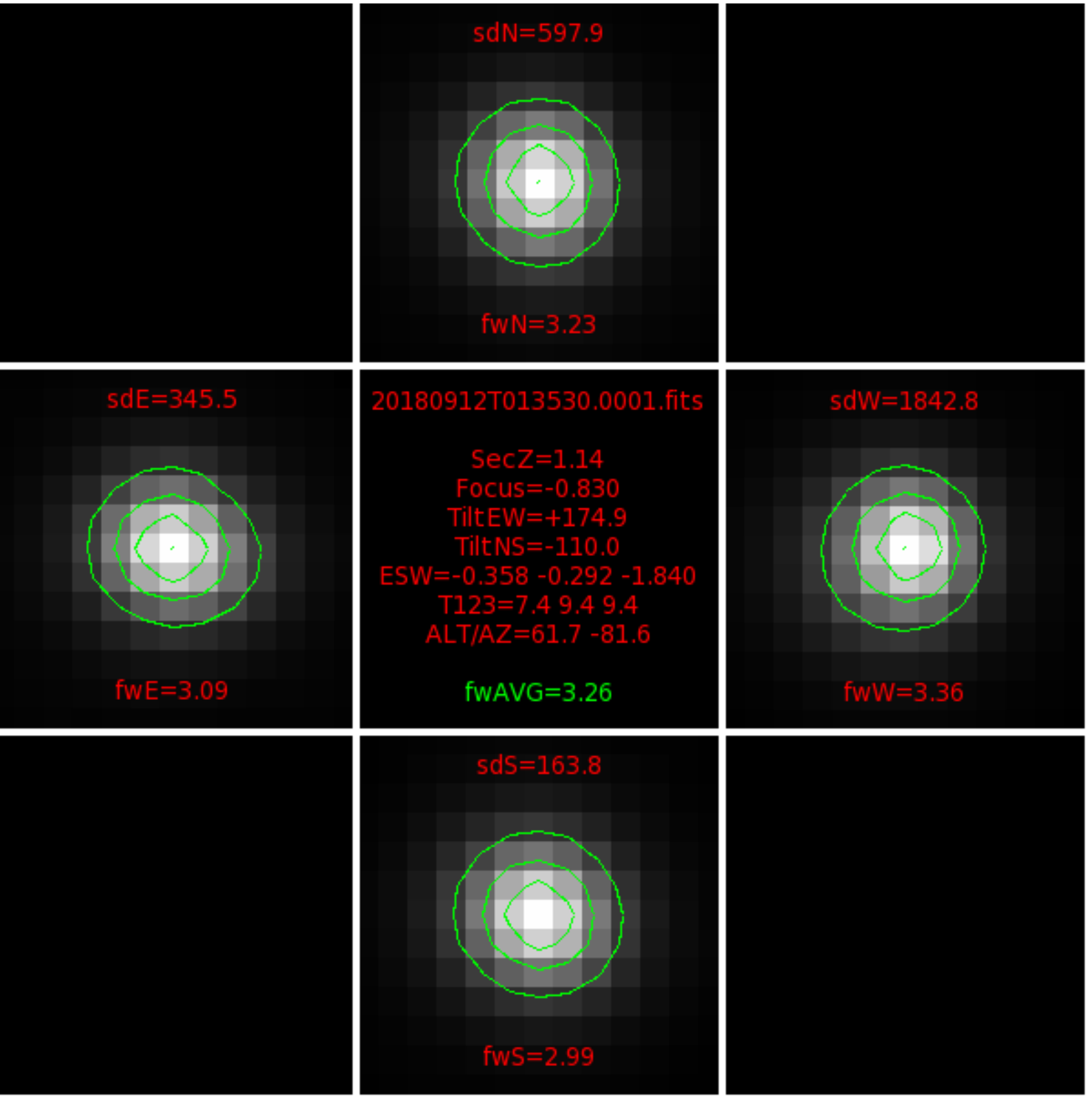
sdN=597.9
fwN=3.23
sdE=345.5
fwE=3.09
20180912T013530.0001.fits
SecZ=1.14
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.4 9.4 9.4
ALT/AZ=61.7 -81.6
fwAVG=3.26
sdW=1842.8
fwW=3.36
sdS=163.8
fwS=2.99
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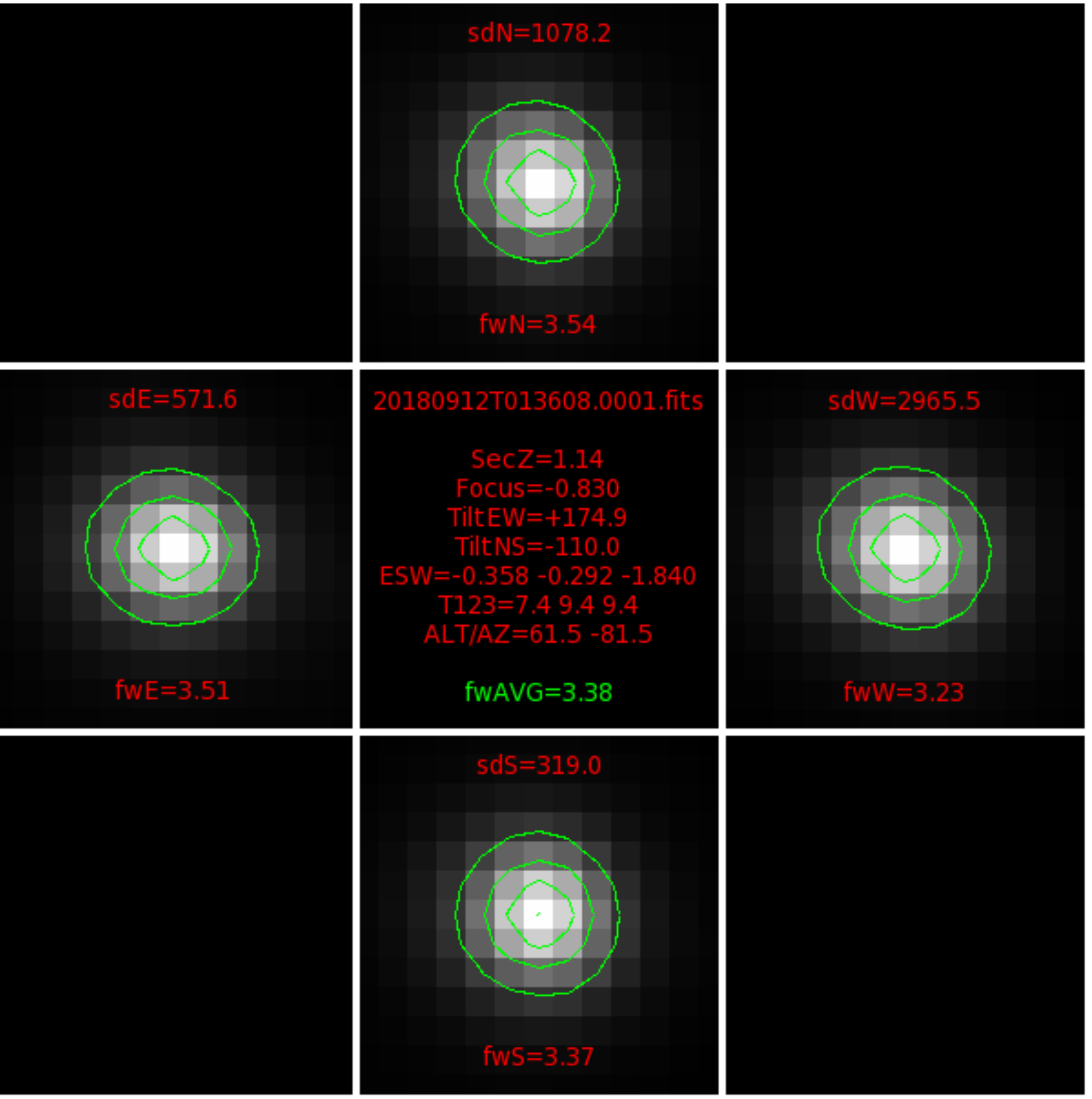
sdN=1078.2
fwN=3.54
sdE=571.6
fwE=3.51
20180912T013608.0001.fits
SecZ=1.14
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.4 9.4 9.4
ALT/AZ=61.5 -81.5
fwAVG=3.38
sdW=2965.5
fwW=3.23
sdS=319.0
fwS=3.37
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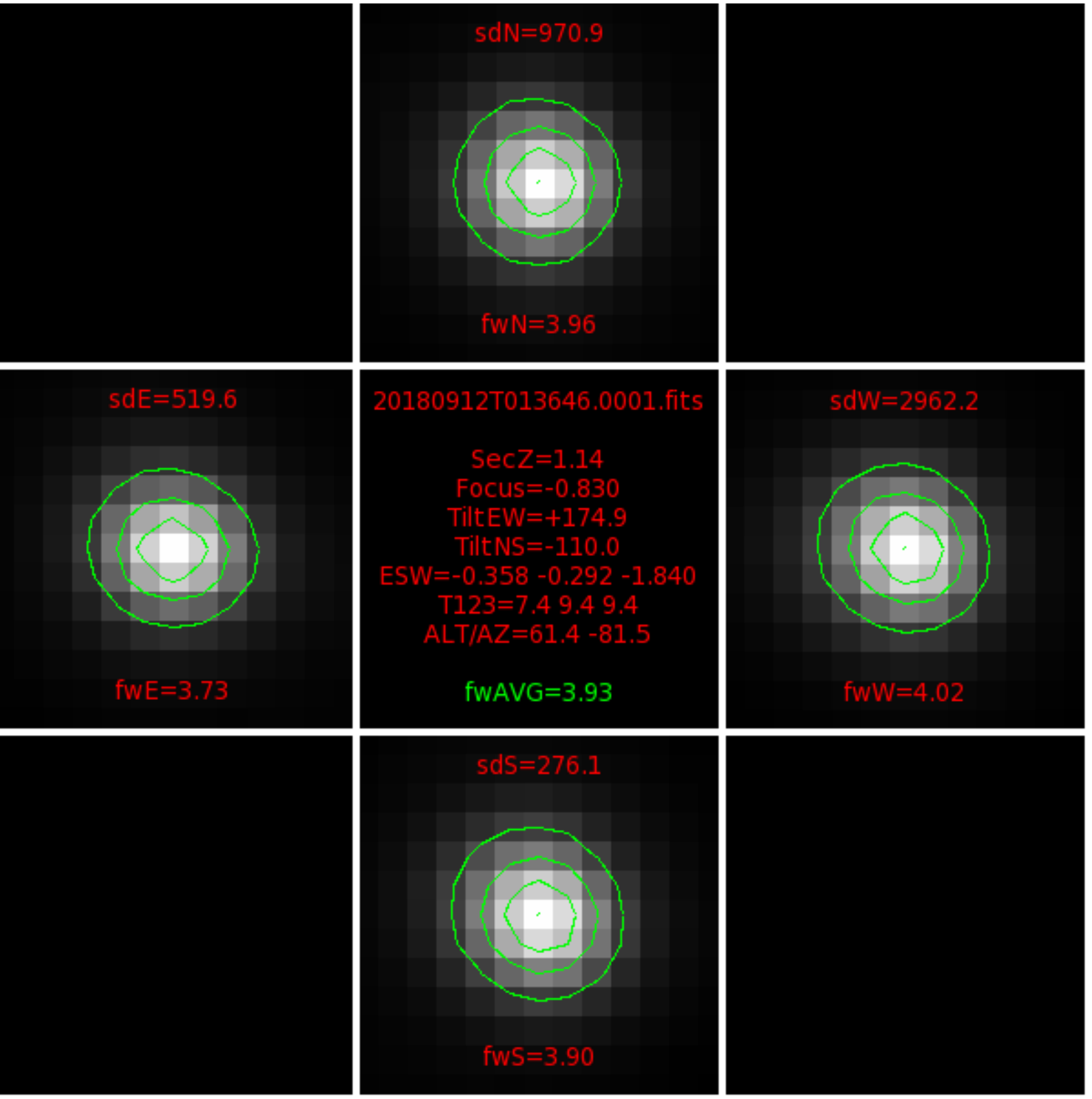
sdN=970.9
fwN=3.96
sdE=519.6
fwE=3.73
20180912T013646.0001.fits
SecZ=1.14
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.4 9.4 9.4
ALT/AZ=61.4 -81.5
fwAVG=3.93
sdW=2962.2
fwW=4.02
sdS=276.1
fwS=3.90
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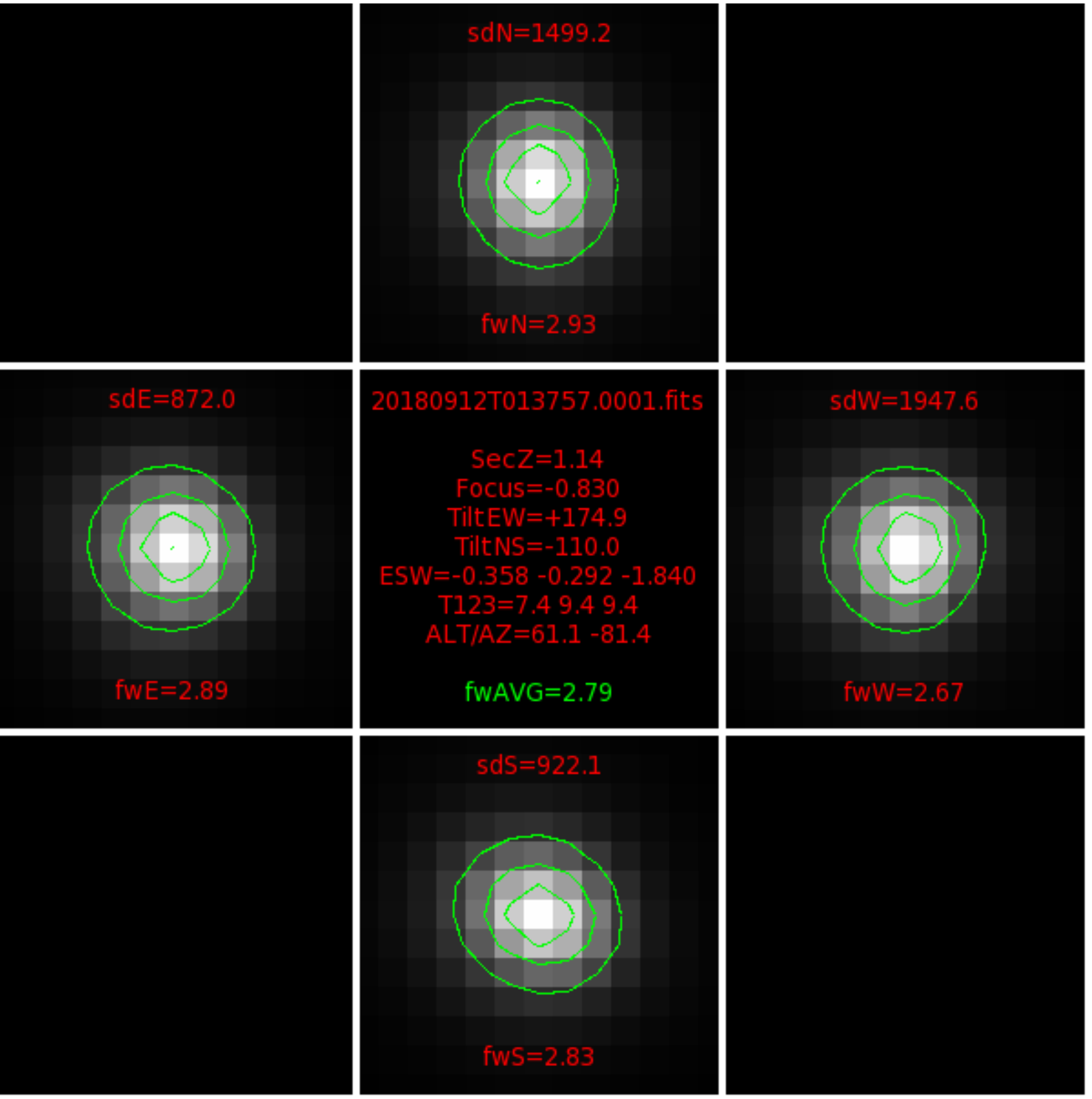
sdN=1499.2
fwN=2.93
sdE=872.0
fwE=2.89
20180912T013757.0001.fits
SecZ=1.14
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.4 9.4 9.4
ALT/AZ=61.1 -81.4
fwAVG=2.79
sdW=1947.6
fwW=2.67
sdS=922.1
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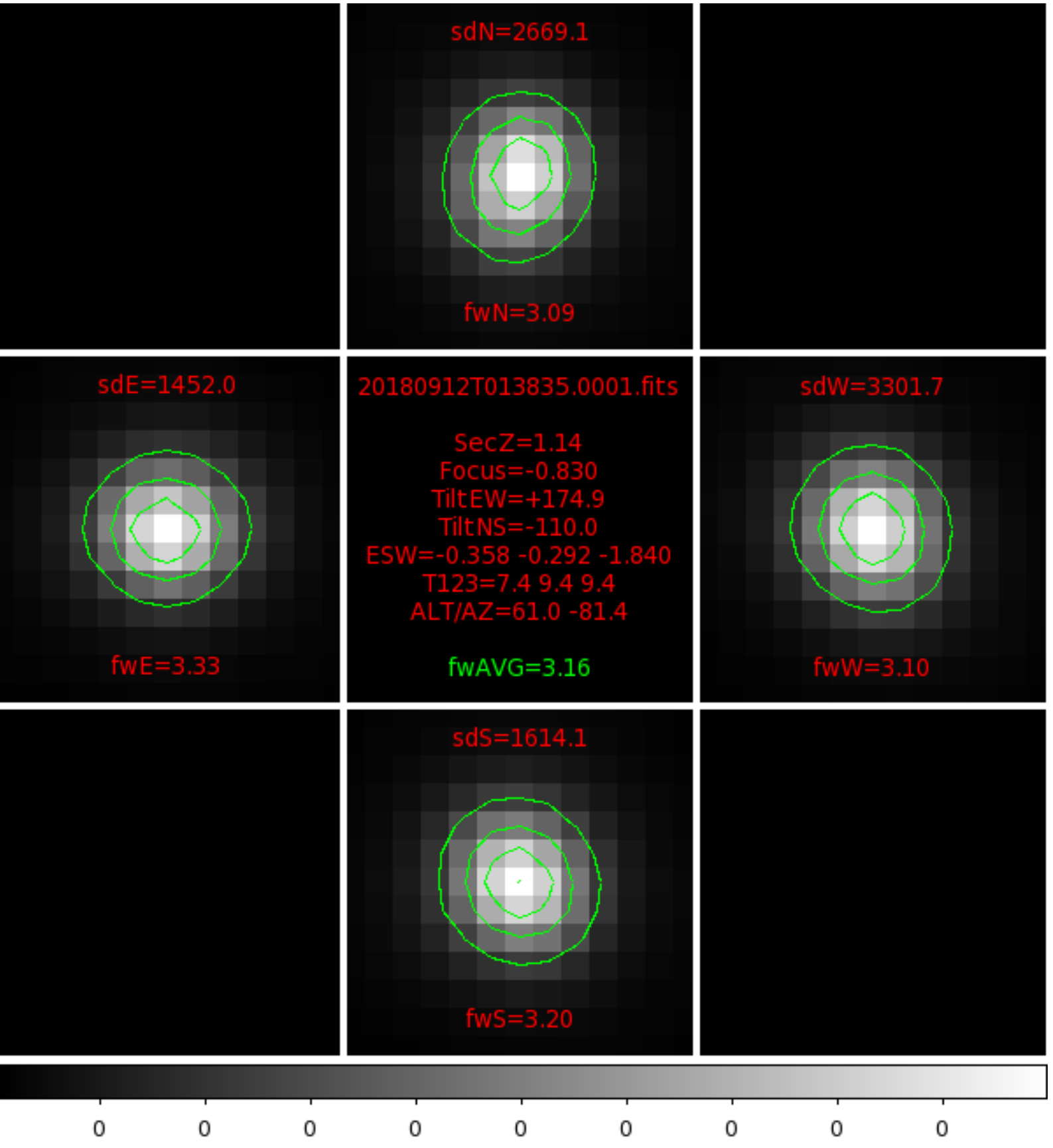
sdN=2669.1
fwN=3.09
sdE=1452.0
fwE=3.33
20180912T013835.0001.fits
SecZ=1.14
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.4 9.4 9.4
ALT/AZ=61.0 -81.4
fwAVG=3.16
sdW=3301.7
fwW=3.10
sdS=1614.1
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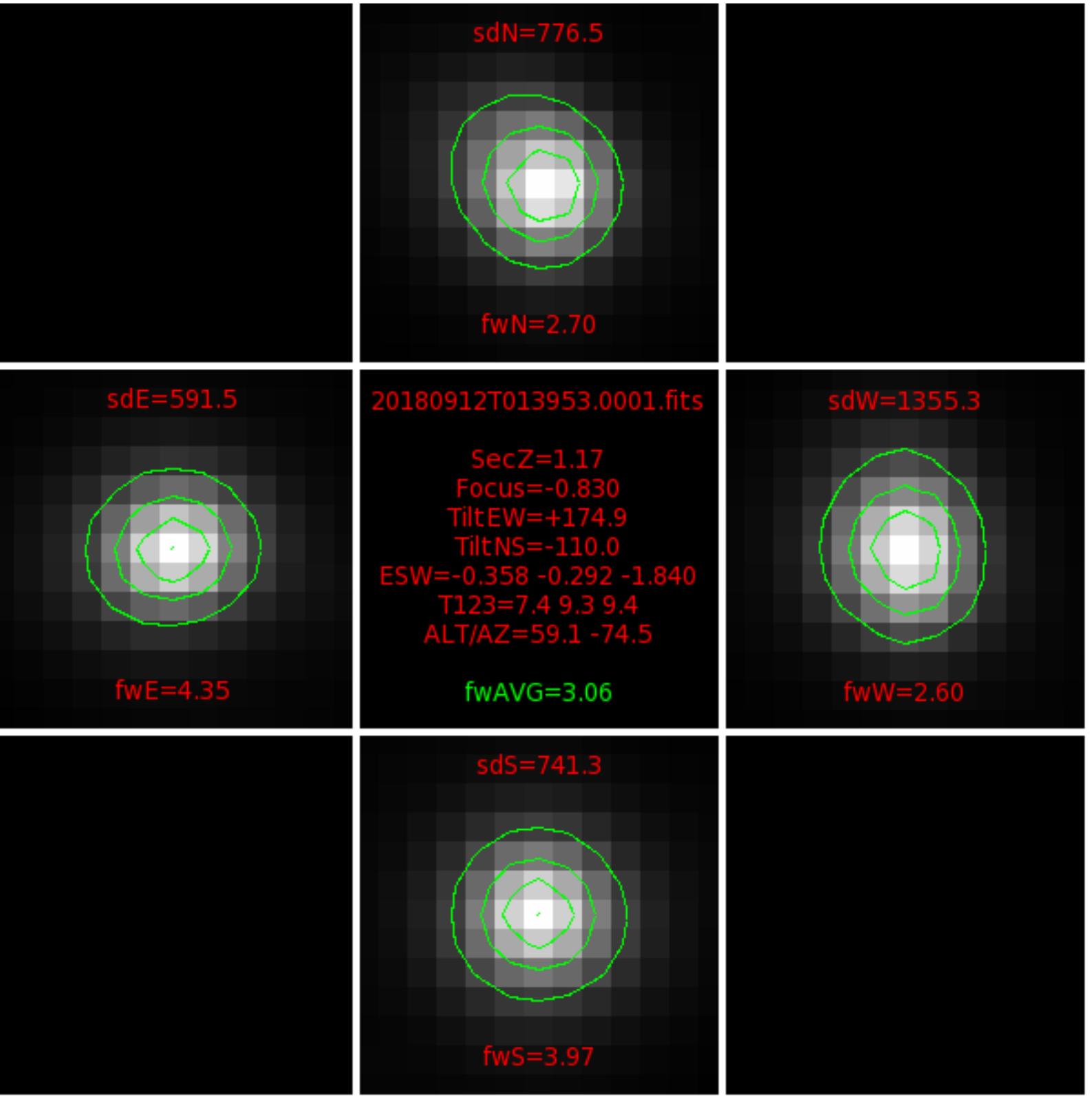
sdN=776.5
fwN=2.70
sdE=591.5
fwE=4.35
20180912T013953.0001.fits
SecZ=1.17
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.4 9.3 9.4
ALT/AZ=59.1 -74.5
fwAVG=3.06
sdW=1355.3
fwW=2.60
sdS=741.3
fwS=3.97
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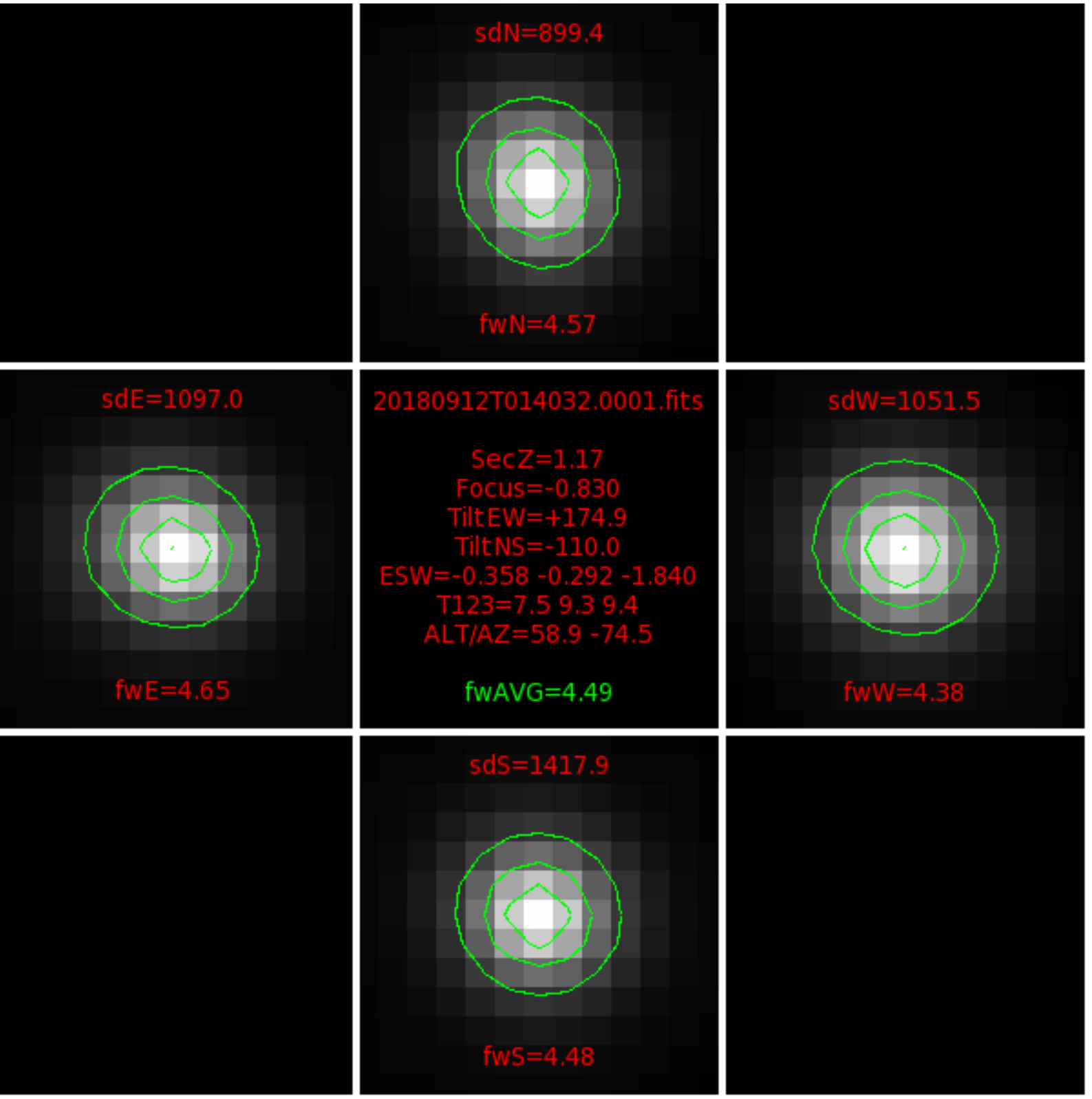
sdN=899.4
fwN=4.57
sdE=1097.0
fwE=4.65
20180912T014032.0001.fits
SecZ=1.17
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.5 9.3 9.4
ALT/AZ=58.9 -74.5
fwAVG=4.49
sdW=1051.5
fwW=4.38
sdS=1417.9
fwS=4.48
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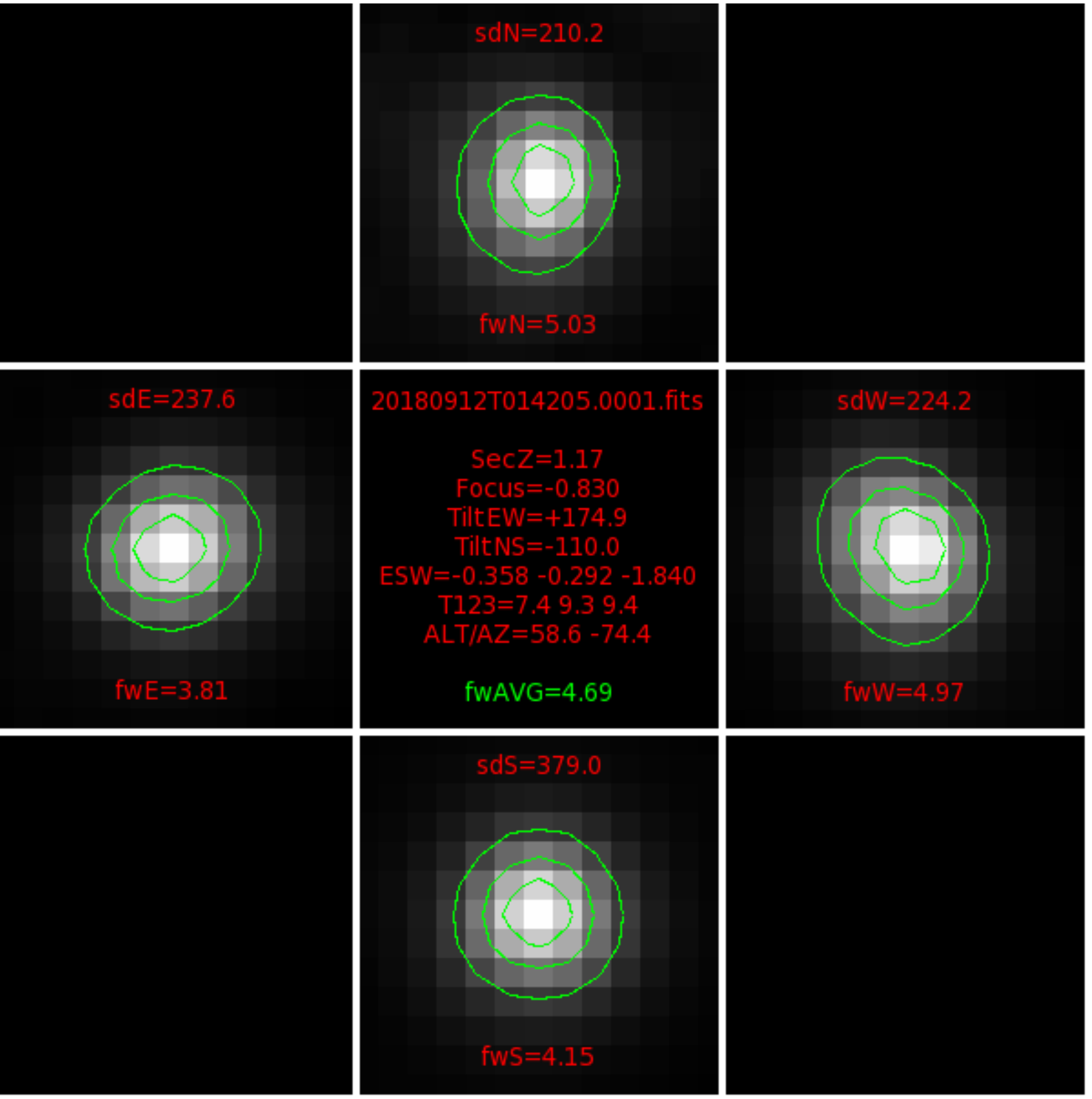
sdN=210.2
fwN=5.03
sdE=237.6
fwE=3.81
20180912T014205.0001.fits
SecZ=1.17
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.4 9.3 9.4
ALT/AZ=58.6 -74.4
fwAVG=4.69
sdW=224.2
fwW=4.97
sdS=379.0
fwS=4.15
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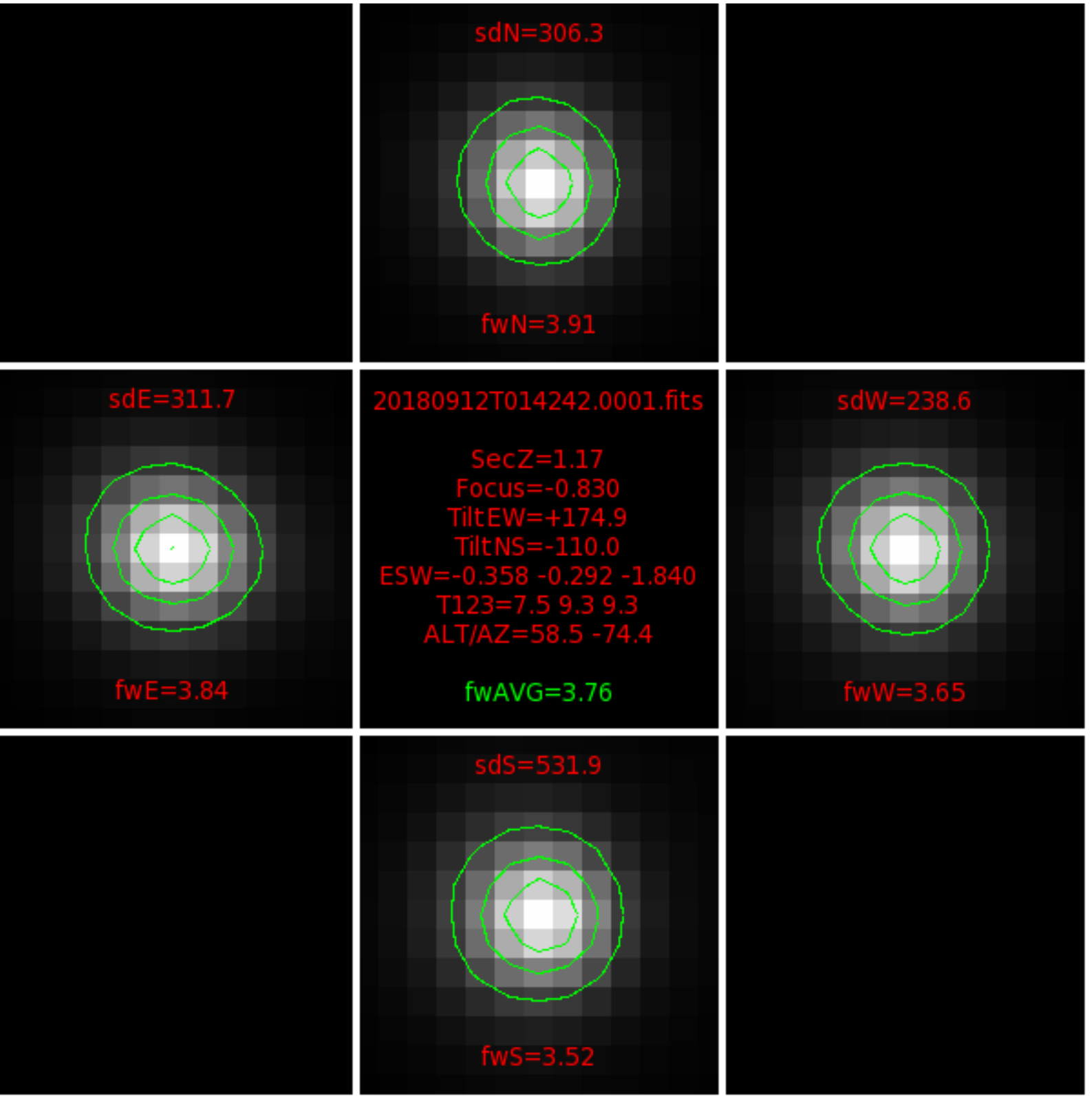
sdN=306.3
fwN=3.91
sdE=311.7
fwE=3.84
20180912T014242.0001.fits
SecZ=1.17
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.5 9.3 9.3
ALT/AZ=58.5 -74.4
fwAVG=3.76
sdW=238.6
fwW=3.65
sdS=531.9
fwS=3.52
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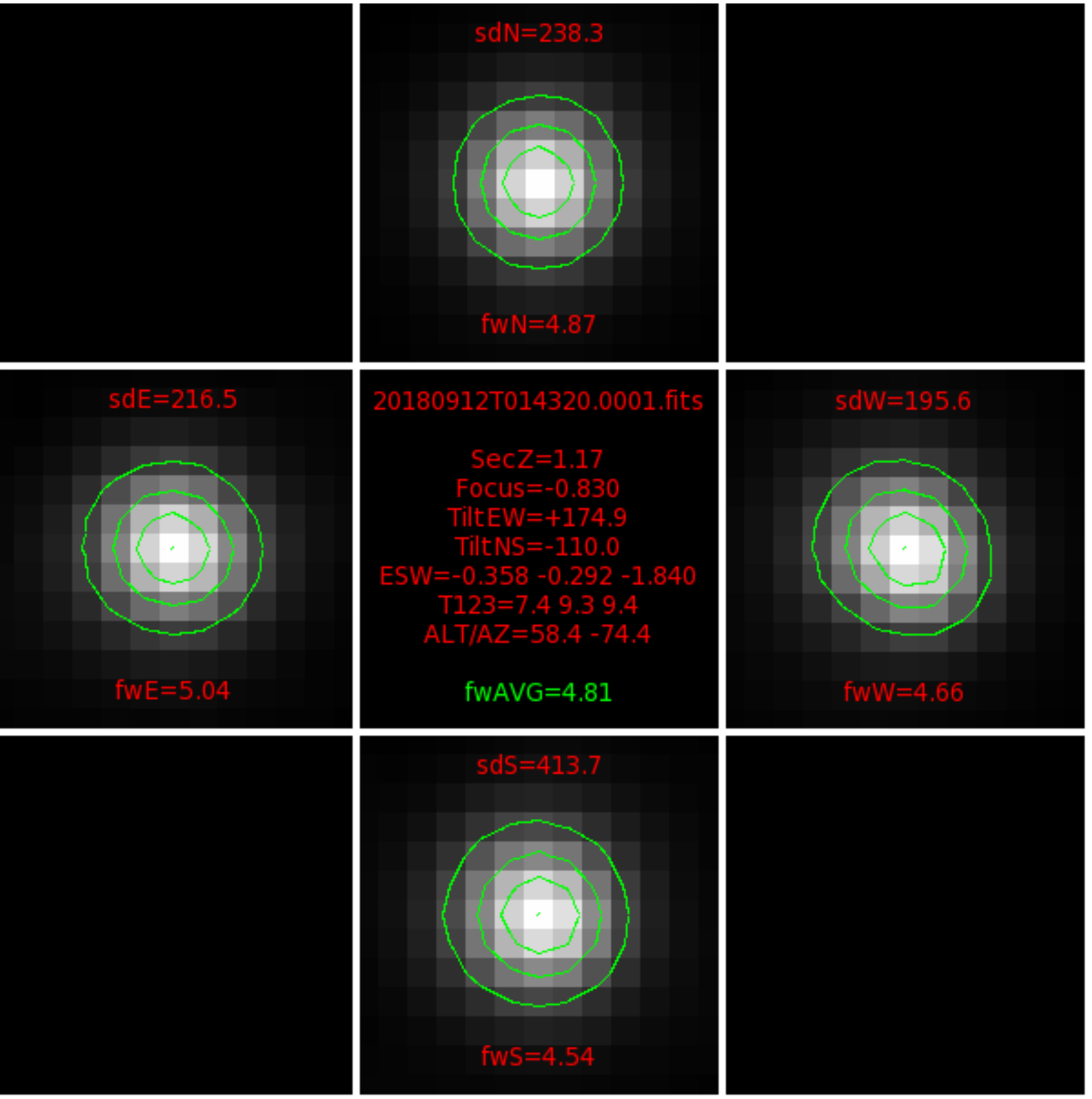
sdN=238.3
fwN=4.87
sdE=216.5
fwE=5.04
20180912T014320.0001.fits
SecZ=1.17
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.4 9.3 9.4
ALT/AZ=58.4 -74.4
fwAVG=4.81
sdW=195.6
fwW=4.66
sdS=413.7
fwS=4.54
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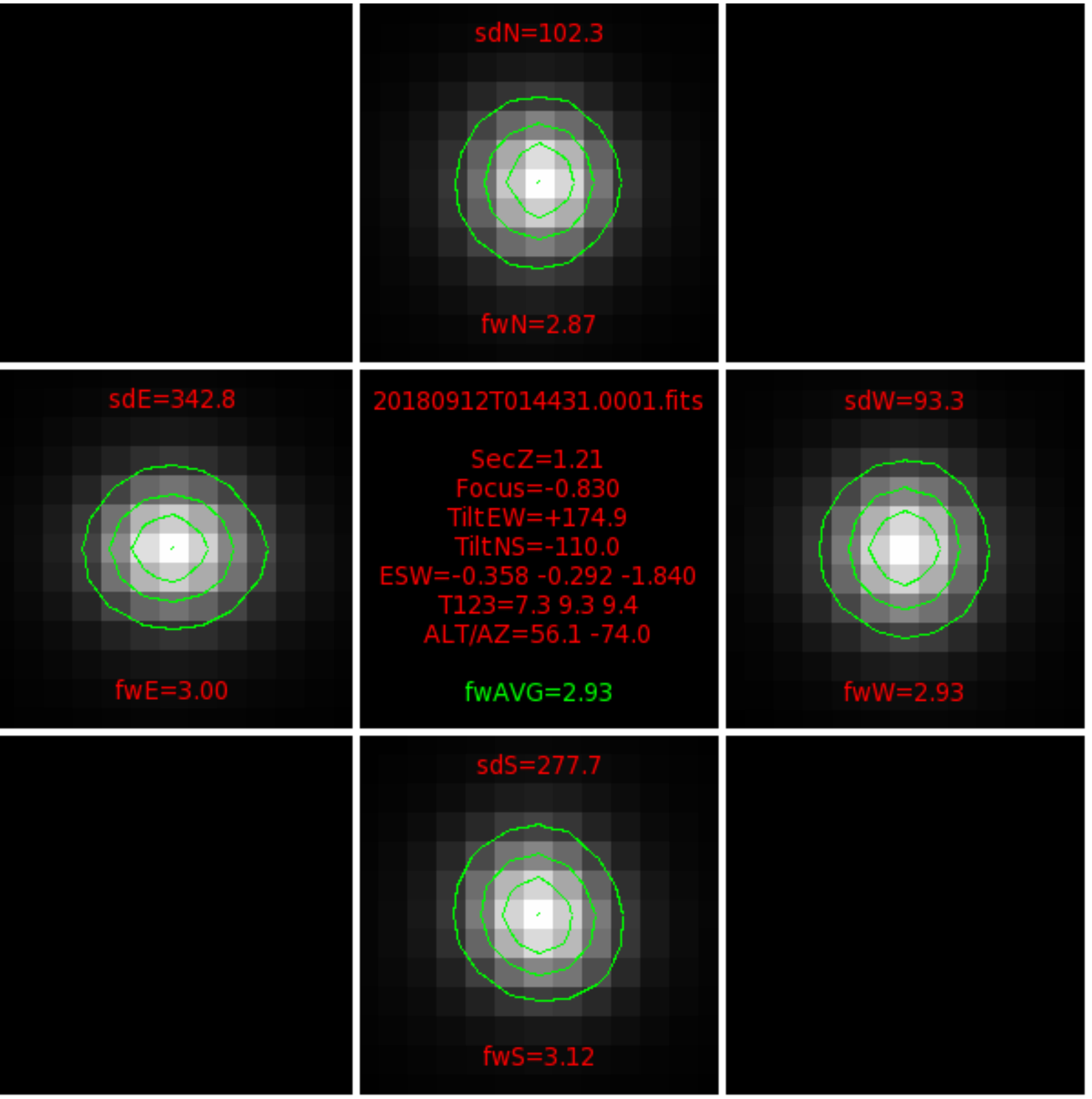
sdN=102.3
fwN=2.87
sdE=342.8
fwE=3.00
20180912T014431.0001.fits
SecZ=1.21
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.3 9.3 9.4
ALT/AZ=56.1 -74.0
fwAVG=2.93
sdW=93.3
fwW=2.93
sdS=277.7
fwS=3.12
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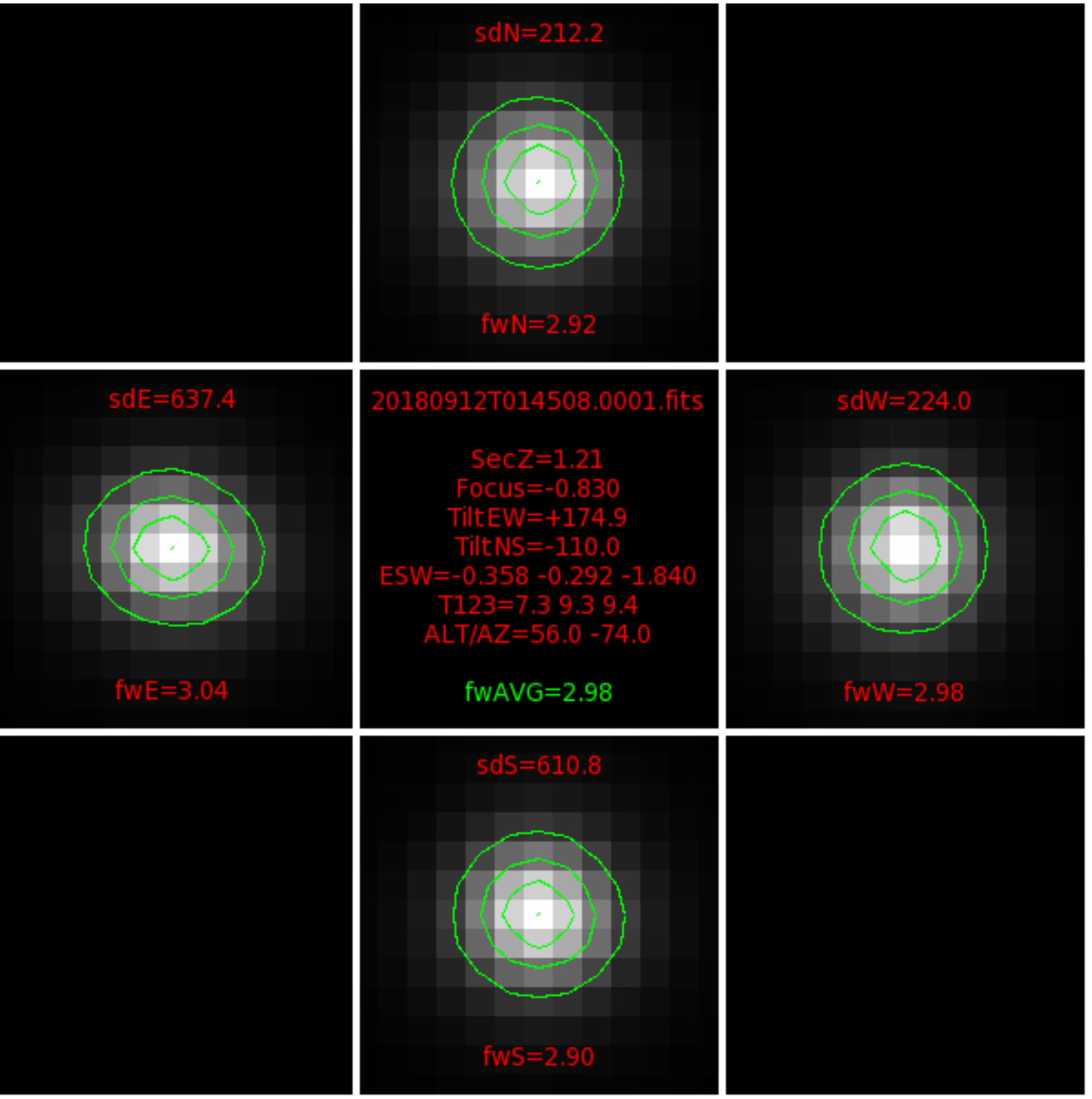
sdN=212.2
fwN=2.92
sdE=637.4
fwE=3.04
20180912T014508.0001.fits
SecZ=1.21
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.3 9.3 9.4
ALT/AZ=56.0 -74.0
fwAVG=2.98
sdW=224.0
fwW=2.98
sdS=610.8
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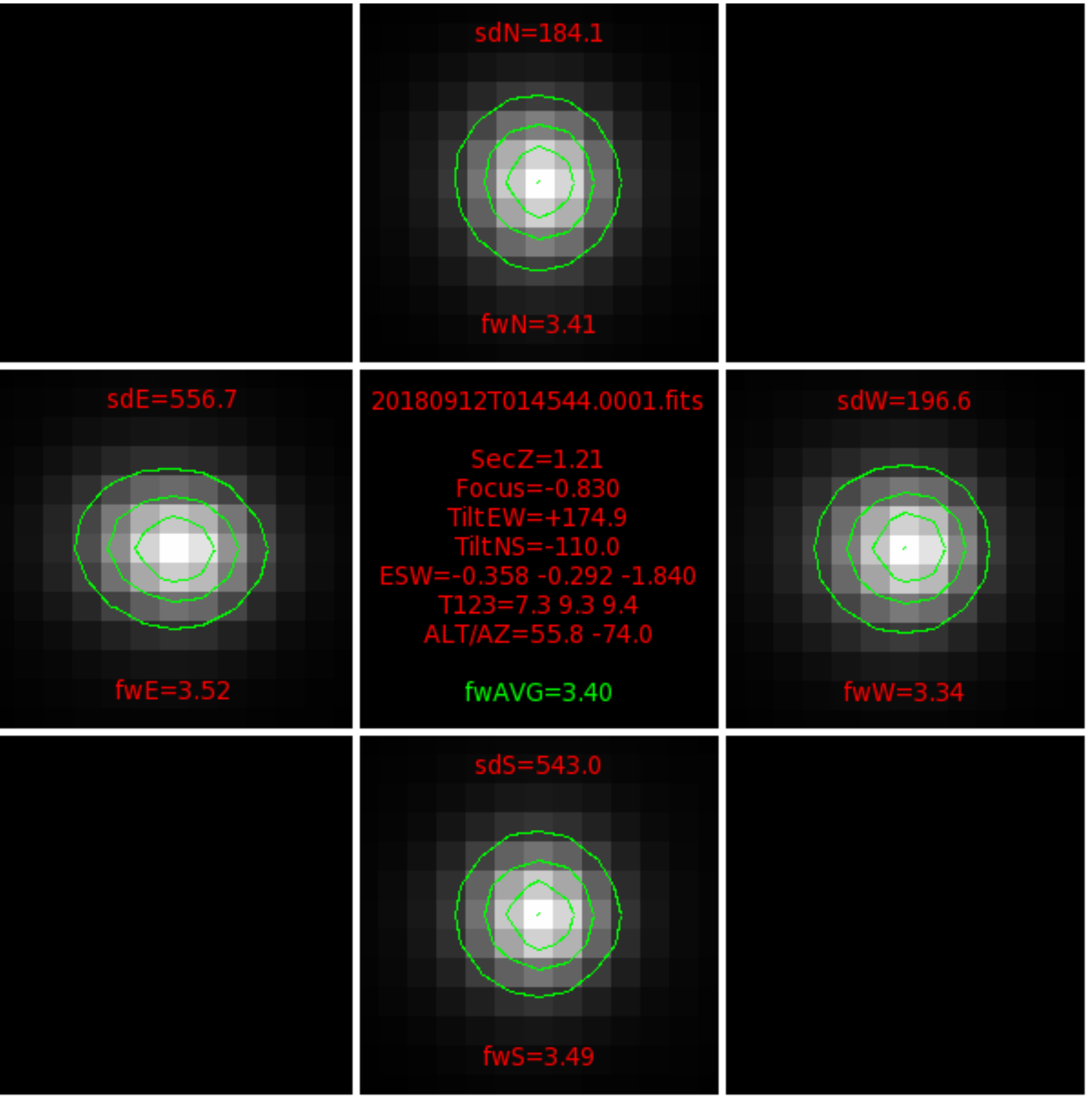
0 0 0 0 0 0 0 0 0


sdN=184.1
fwN=3.41
sdE=556.7
fwE=3.52
20180912T014544.0001.fits
SecZ=1.21
Focus=-0.830
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.358 -0.292 -1.840
T123=7.3 9.3 9.4
ALT/AZ=55.8 -74.0
fwAVG=3.40
sdW=196.6
fwW=3.34
sdS=543.0
fwS=3.49
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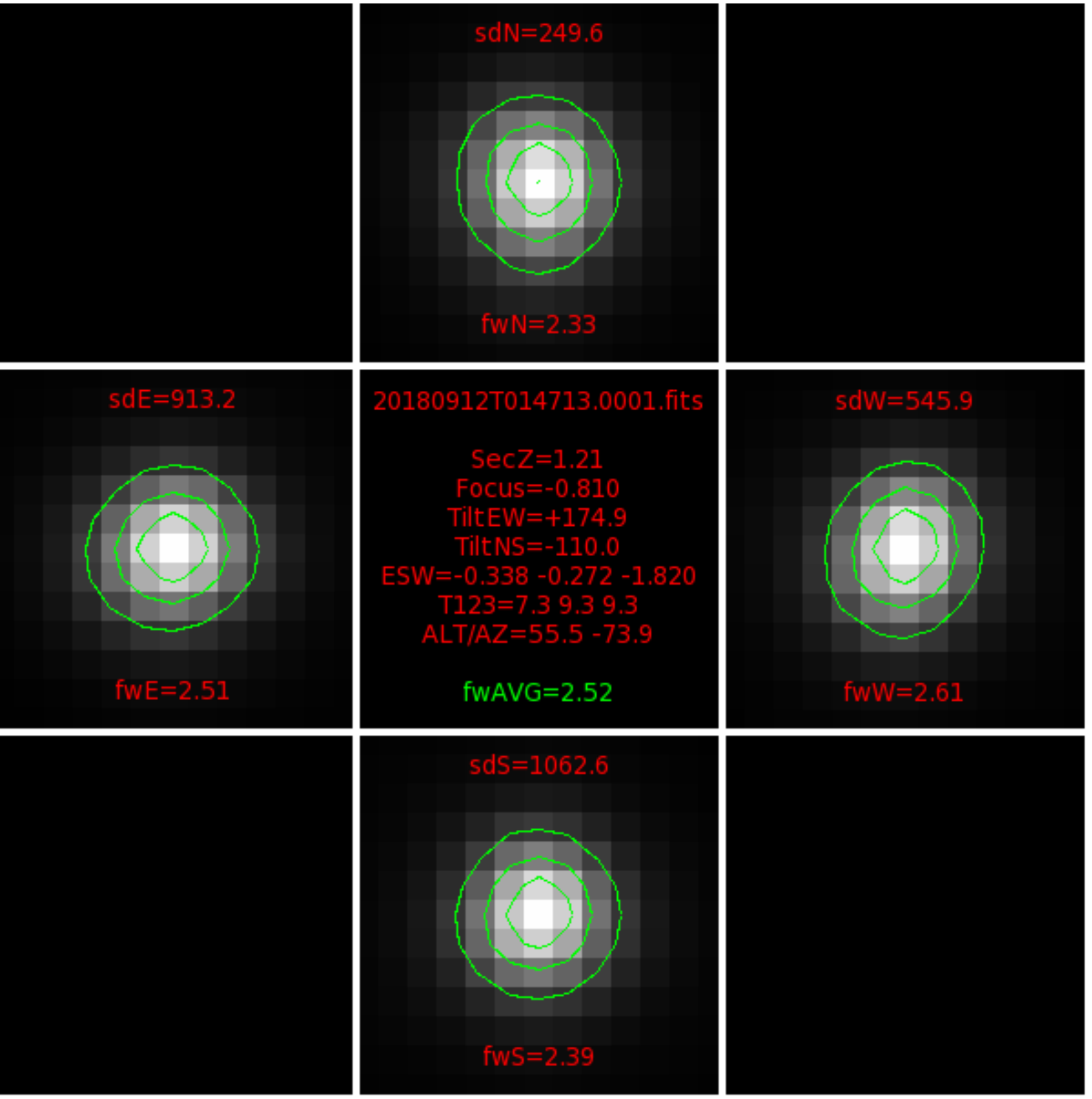
sdN=249.6
fwN=2.33
sdE=913.2
fwE=2.51
20180912T014713.0001.fits
SecZ=1.21
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.3 9.3 9.3
ALT/AZ=55.5 -73.9
fwAVG=2.52
sdW=545.9
fwW=2.61
sdS=1062.6
fwS=2.39
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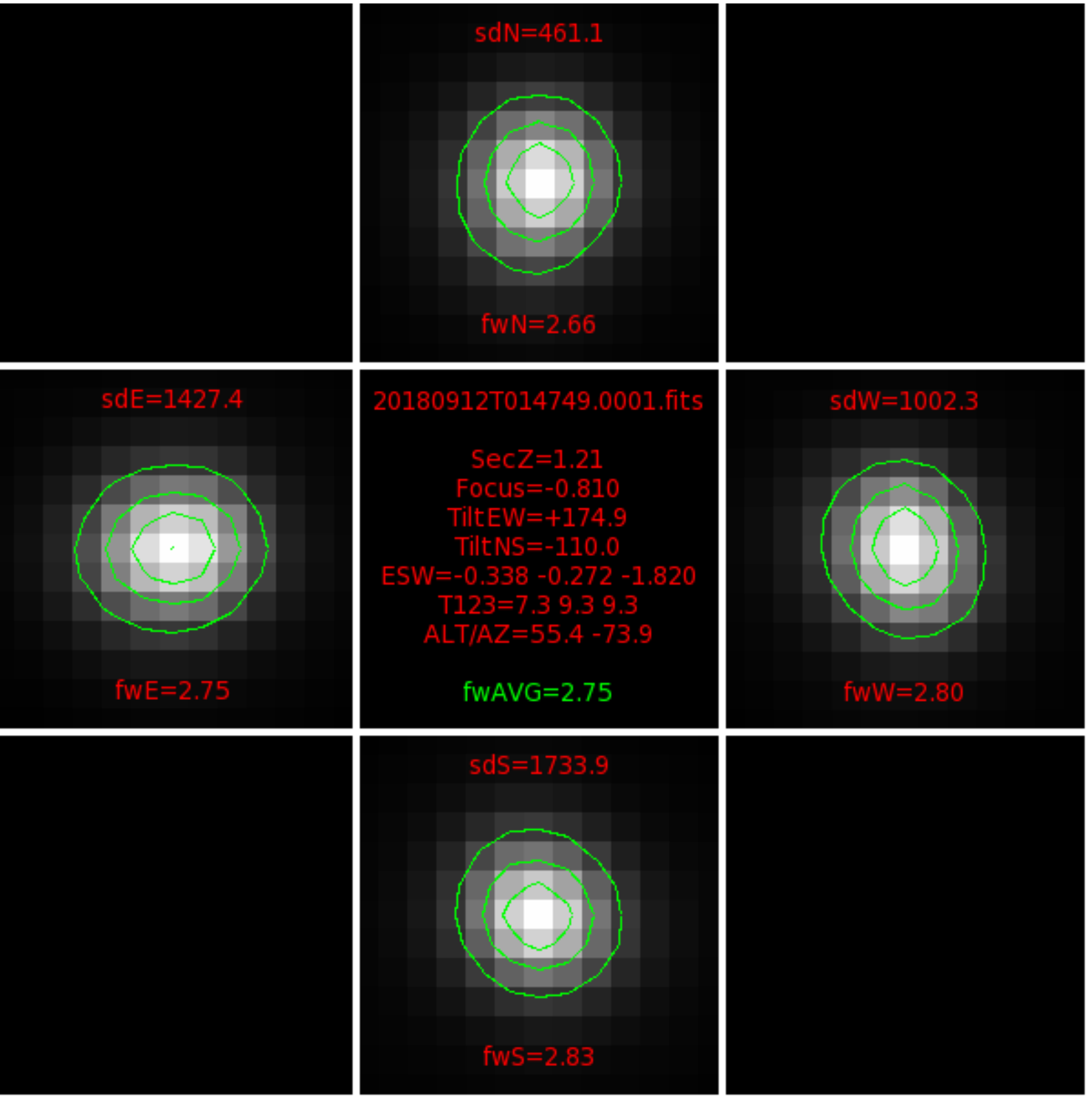
sdN=461.1
fwN=2.66
sdE=1427.4
fwE=2.75
20180912T014749.0001.fits
SecZ=1.21
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.3 9.3 9.3
ALT/AZ=55.4 -73.9
fwAVG=2.75
sdW=1002.3
fwW=2.80
sdS=1733.9
fwS=2.83
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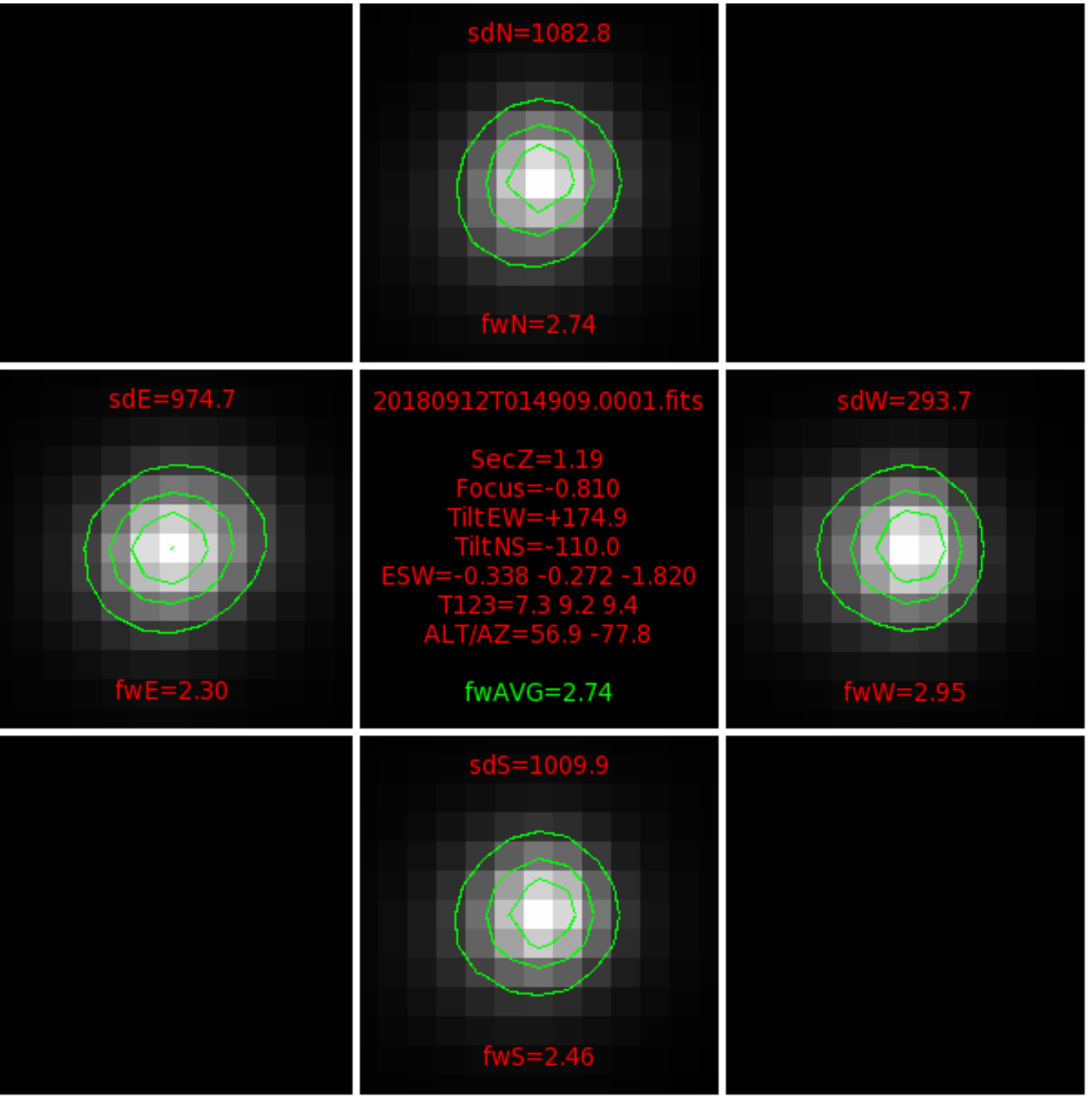
sdN=1082.8
fwN=2.74
sdE=974.7
fwE=2.30
20180912T014909.0001.fits
SecZ=1.19
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.3 9.2 9.4
ALT/AZ=56.9 -77.8
fwAVG=2.74
sdW=293.7
fwW=2.95
sdS=1009.9
fwS=2.46
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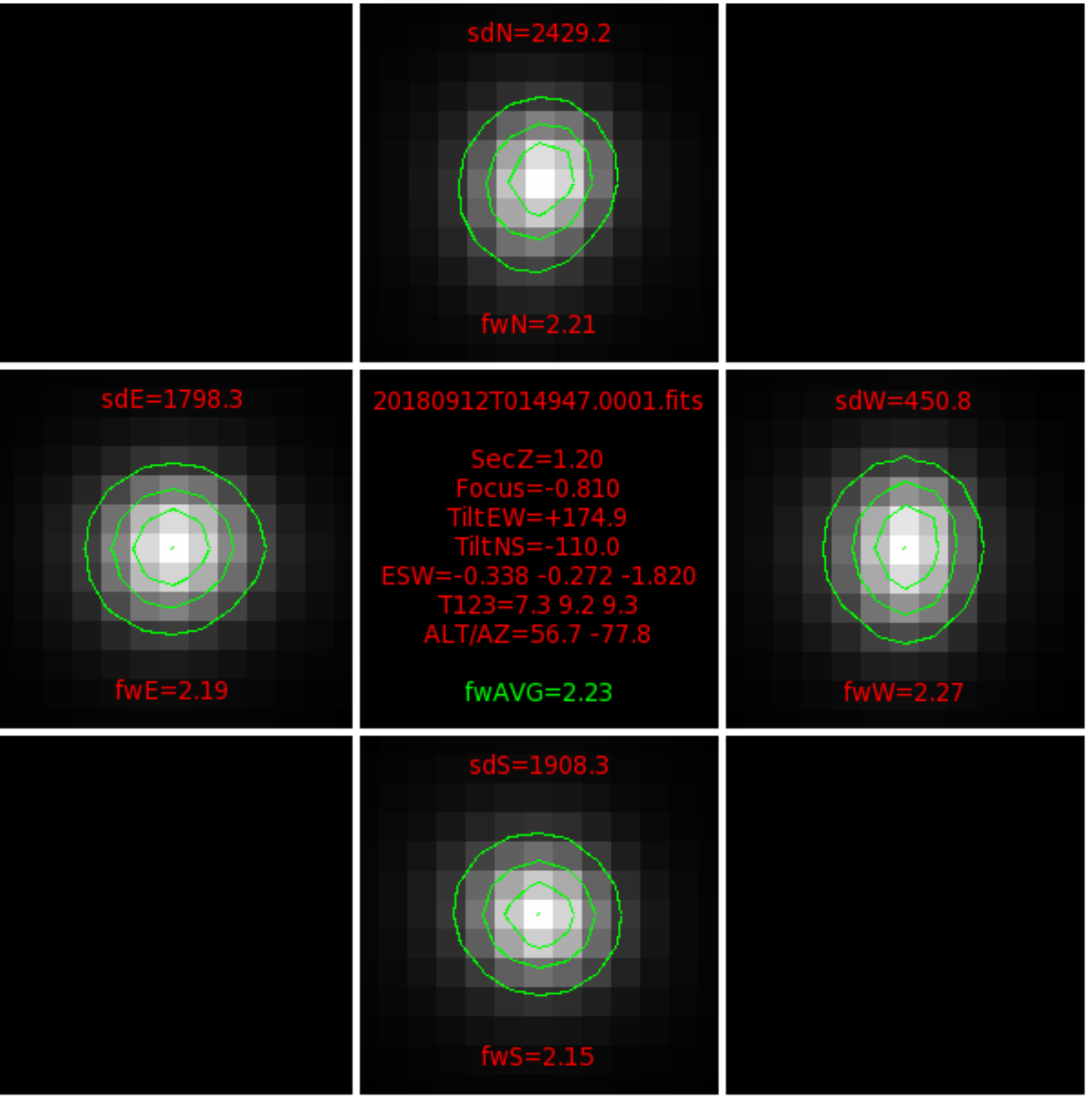
sdN=2429.2
fwN=2.21
sdE=1798.3
fwE=2.19
20180912T014947.0001.fits
SecZ=1.20
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.3 9.2 9.3
ALT/AZ=56.7 -77.8
fwAVG=2.23
sdW=450.8
fwW=2.27
sdS=1908.3
fwS=2.15
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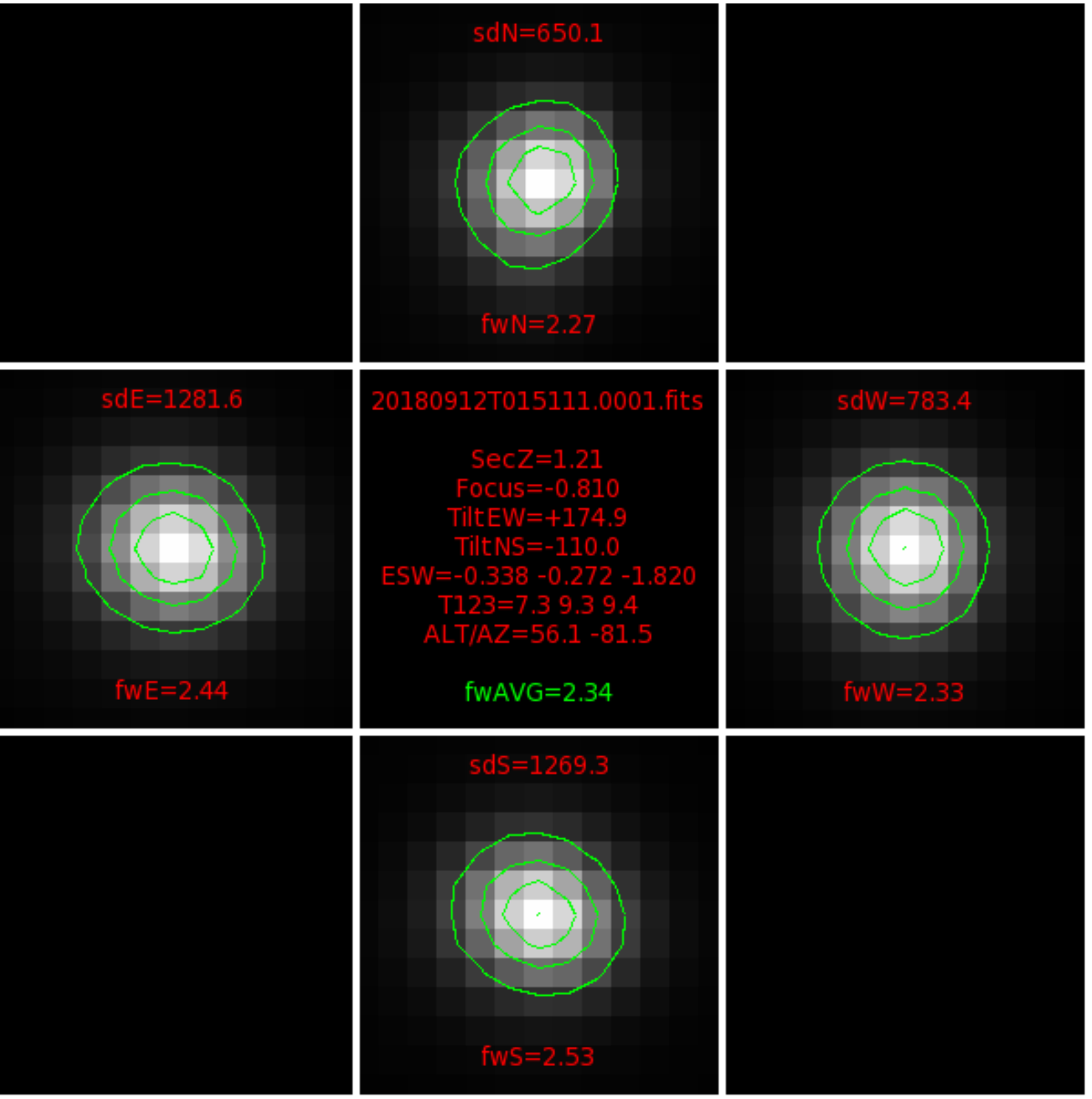
sdN=650.1
fwN=2.27
sdE=1281.6
fwE=2.44
20180912T015111.0001.fits
SecZ=1.21
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.3 9.3 9.4
ALT/AZ=56.1 -81.5
fwAVG=2.34
sdW=783.4
fwW=2.33
sdS=1269.3
fwS=2.53
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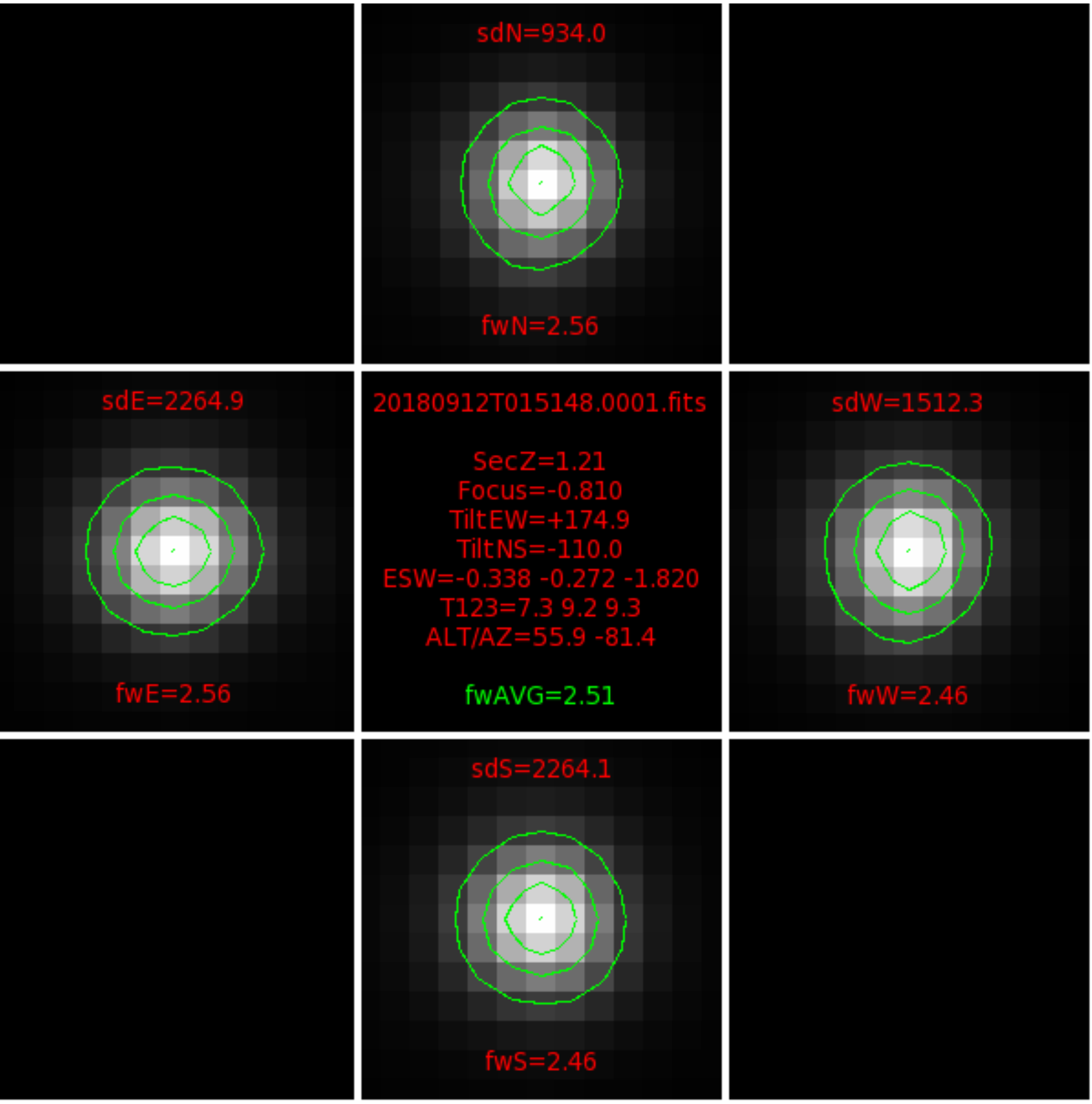
sdN=934.0
fwN=2.56
sdE=2264.9
fwE=2.56
20180912T015148.0001.fits
SecZ=1.21
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.3 9.2 9.3
ALT/AZ=55.9 -81.4
fwAVG=2.51
sdW=1512.3
fwW=2.46
sdS=2264.1
fwS=2.46
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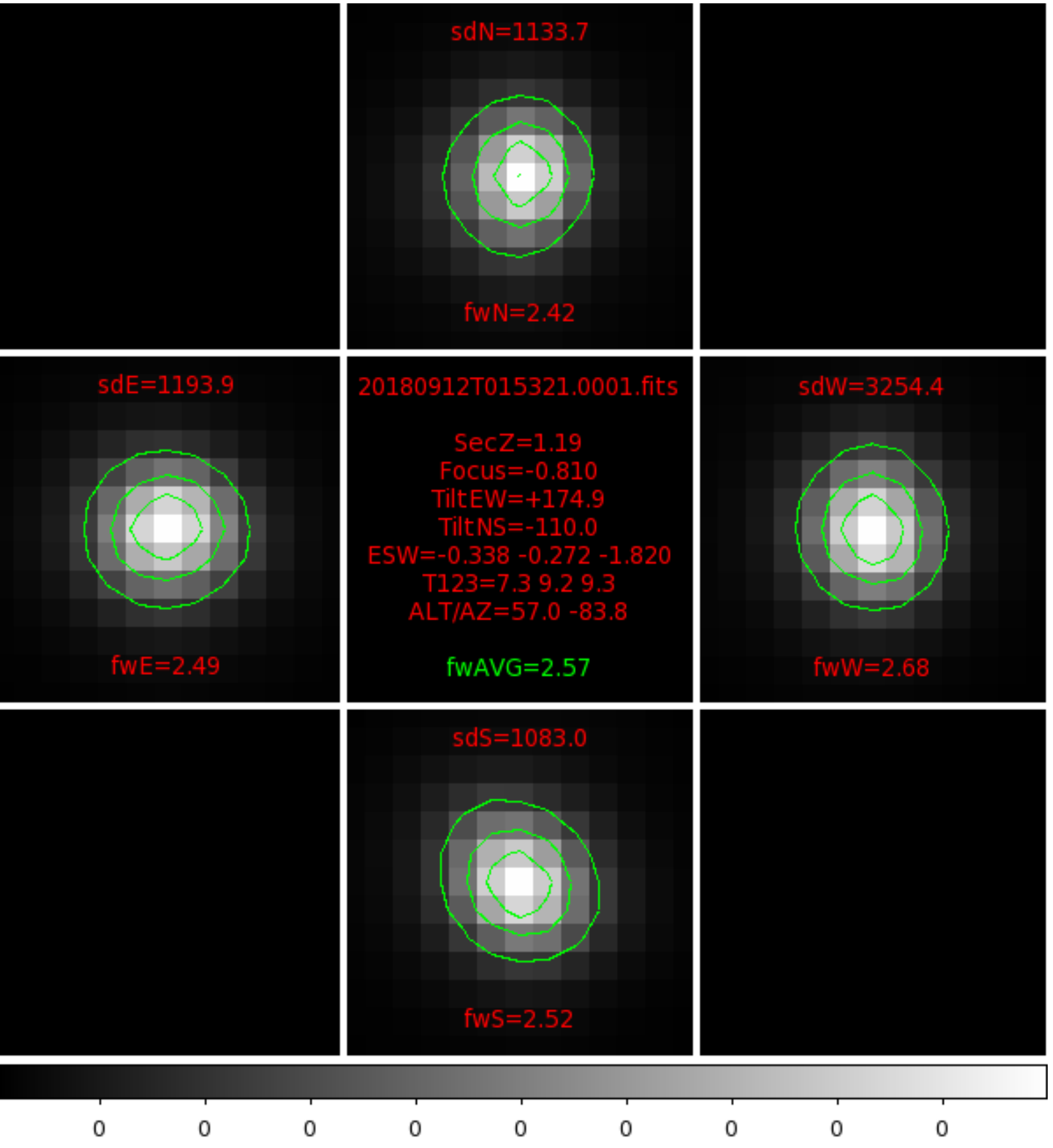
sdN=1133.7
fwN=2.42
sdE=1193.9
fwE=2.49
20180912T015321.0001.fits
SecZ=1.19
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.3 9.2 9.3
ALT/AZ=57.0 -83.8
fwAVG=2.57
sdW=3254.4
fwW=2.68
sdS=1083.0
fwS=2.52
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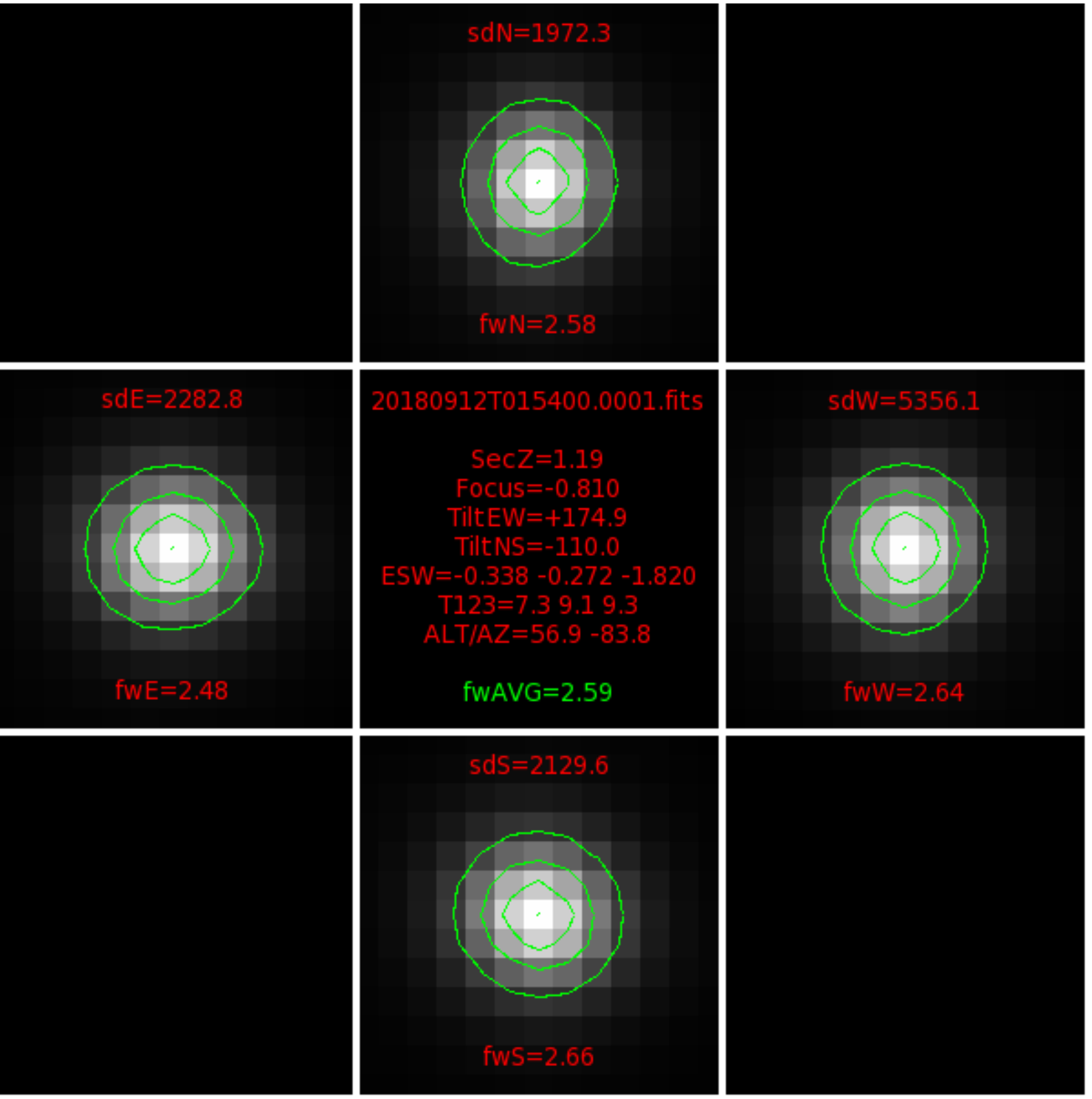
sdN=1972.3
fwN=2.58
sdE=2282.8
fwE=2.48
20180912T015400.0001.fits
SecZ=1.19
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.3 9.1 9.3
ALT/AZ=56.9 -83.8
fwAVG=2.59
sdW=5356.1
fwW=2.64
sdS=2129.6
fwS=2.66
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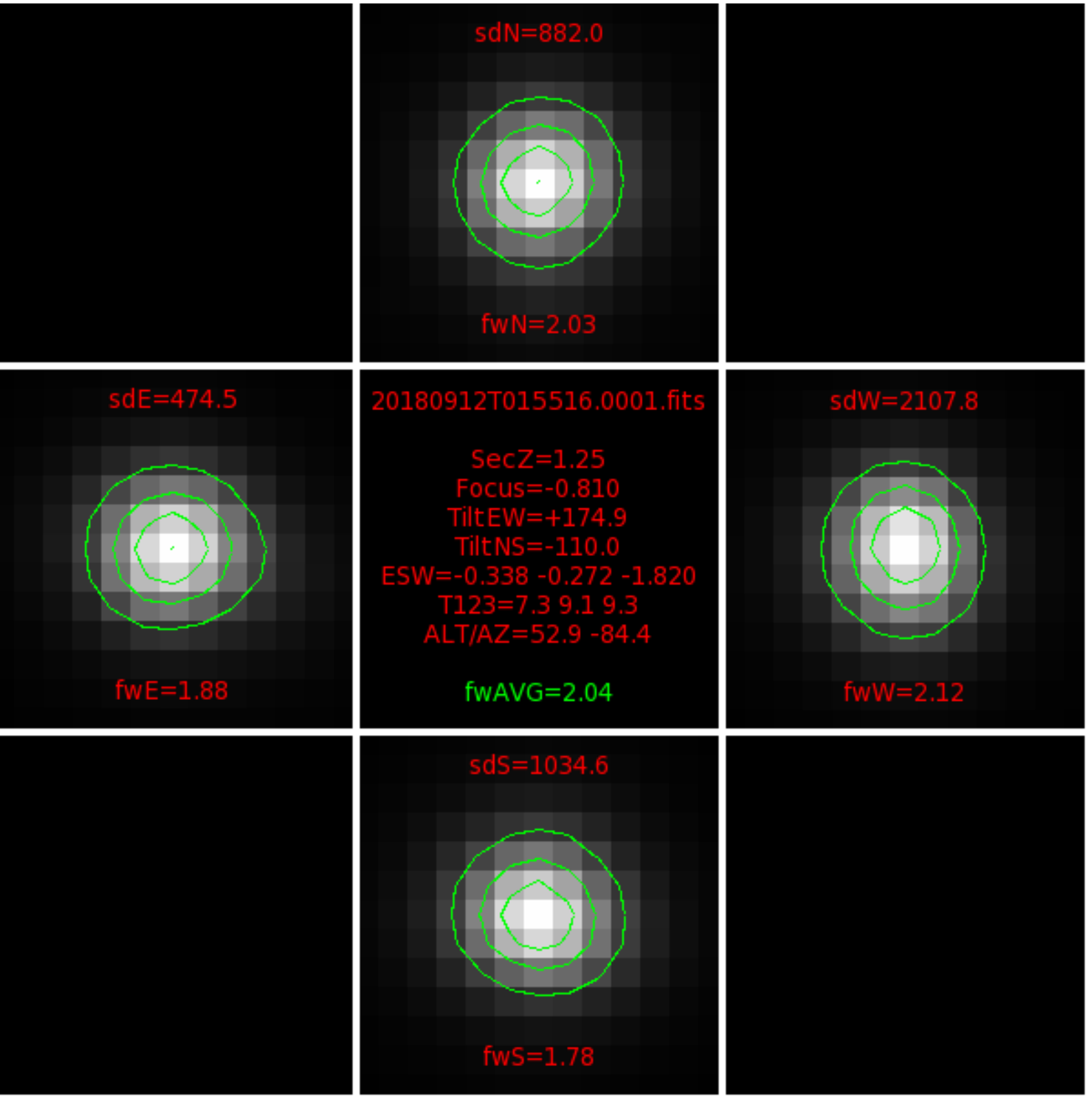
sdN=882.0
fwN=2.03
sdE=474.5
fwE=1.88
20180912T015516.0001.fits
SecZ=1.25
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.3 9.1 9.3
ALT/AZ=52.9 -84.4
fwAVG=2.04
sdW=2107.8
fwW=2.12
sdS=1034.6
fwS=1.78
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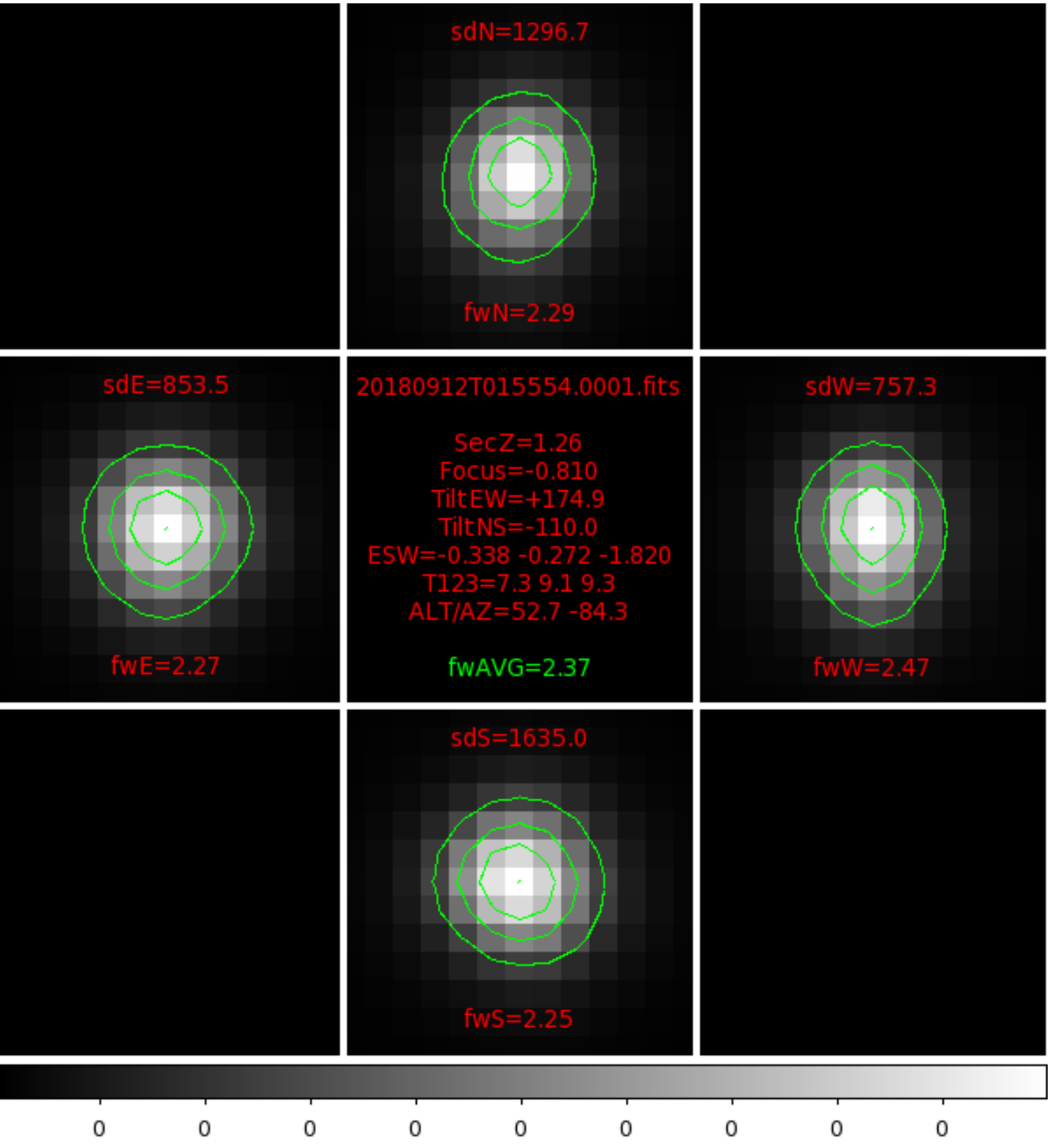
sdN=1296.7
fwN=2.29
sdE=853.5
fwE=2.27
20180912T015554.0001.fits
SecZ=1.26
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.3 9.1 9.3
ALT/AZ=52.7 -84.3
fwAVG=2.37
sdW=757.3
fwW=2.47
sdS=1635.0
fwS=2.25
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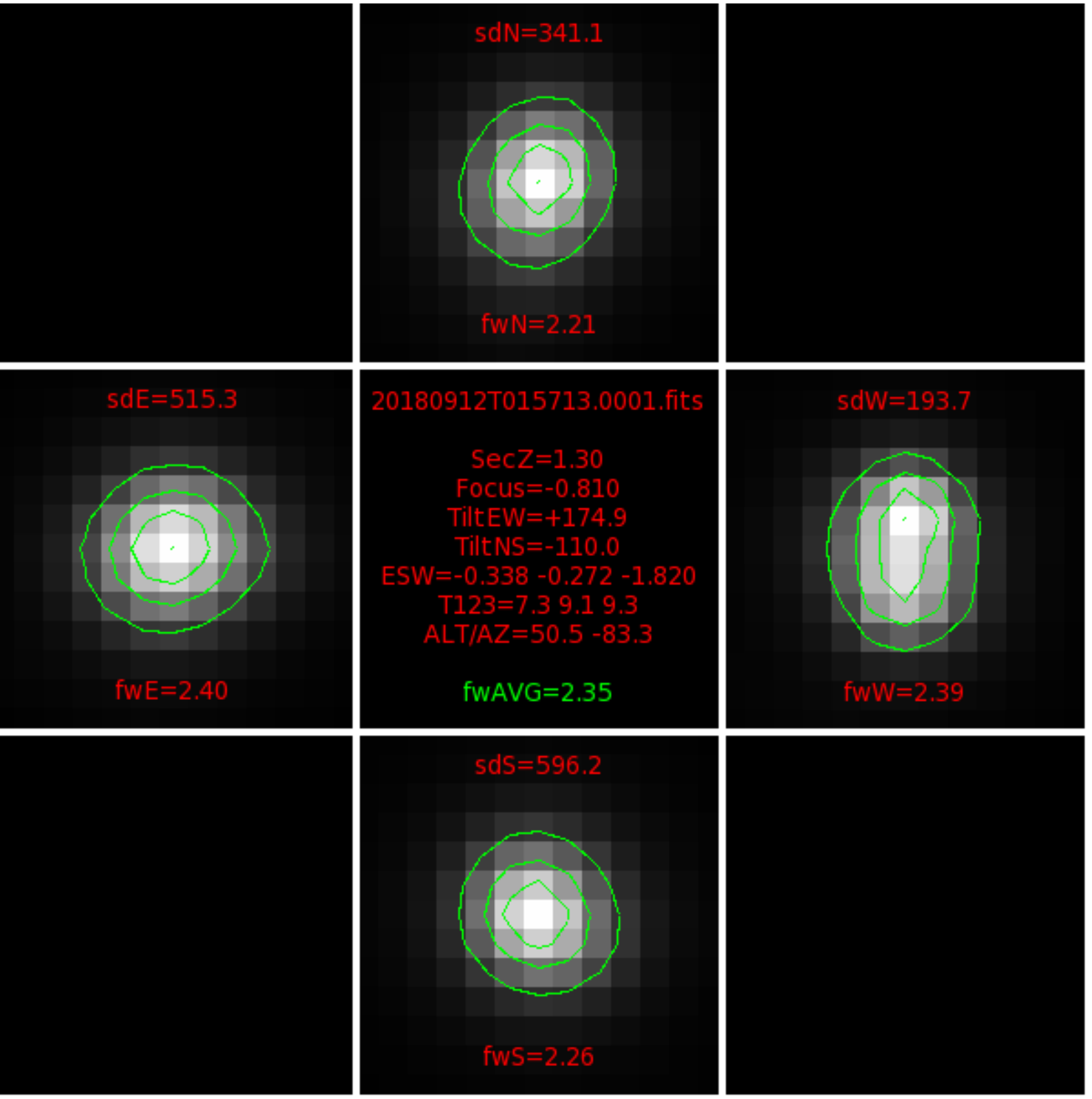
sdN=341.1
fwN=2.21
sdE=515.3
fwE=2.40
20180912T015713.0001.fits
SecZ=1.30
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.3 9.1 9.3
ALT/AZ=50.5 -83.3
fwAVG=2.35
sdW=193.7
fwW=2.39
sdS=596.2
fwS=2.26
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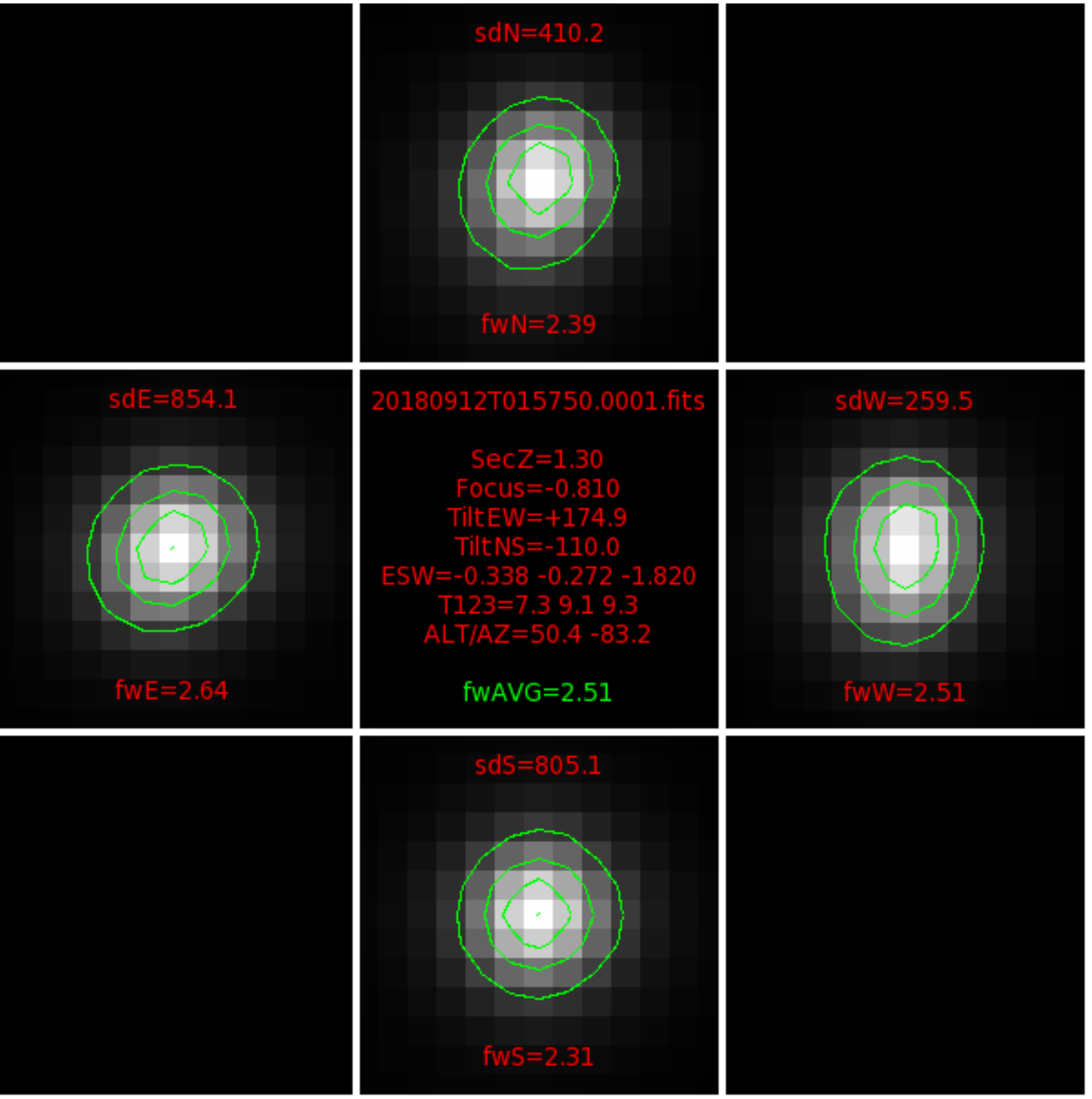
sdN=410.2
fwN=2.39
sdE=854.1
fwE=2.64
20180912T015750.0001.fits
SecZ=1.30
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.3 9.1 9.3
ALT/AZ=50.4 -83.2
fwAVG=2.51
sdW=259.5
fwW=2.51
sdS=805.1
fwS=2.31
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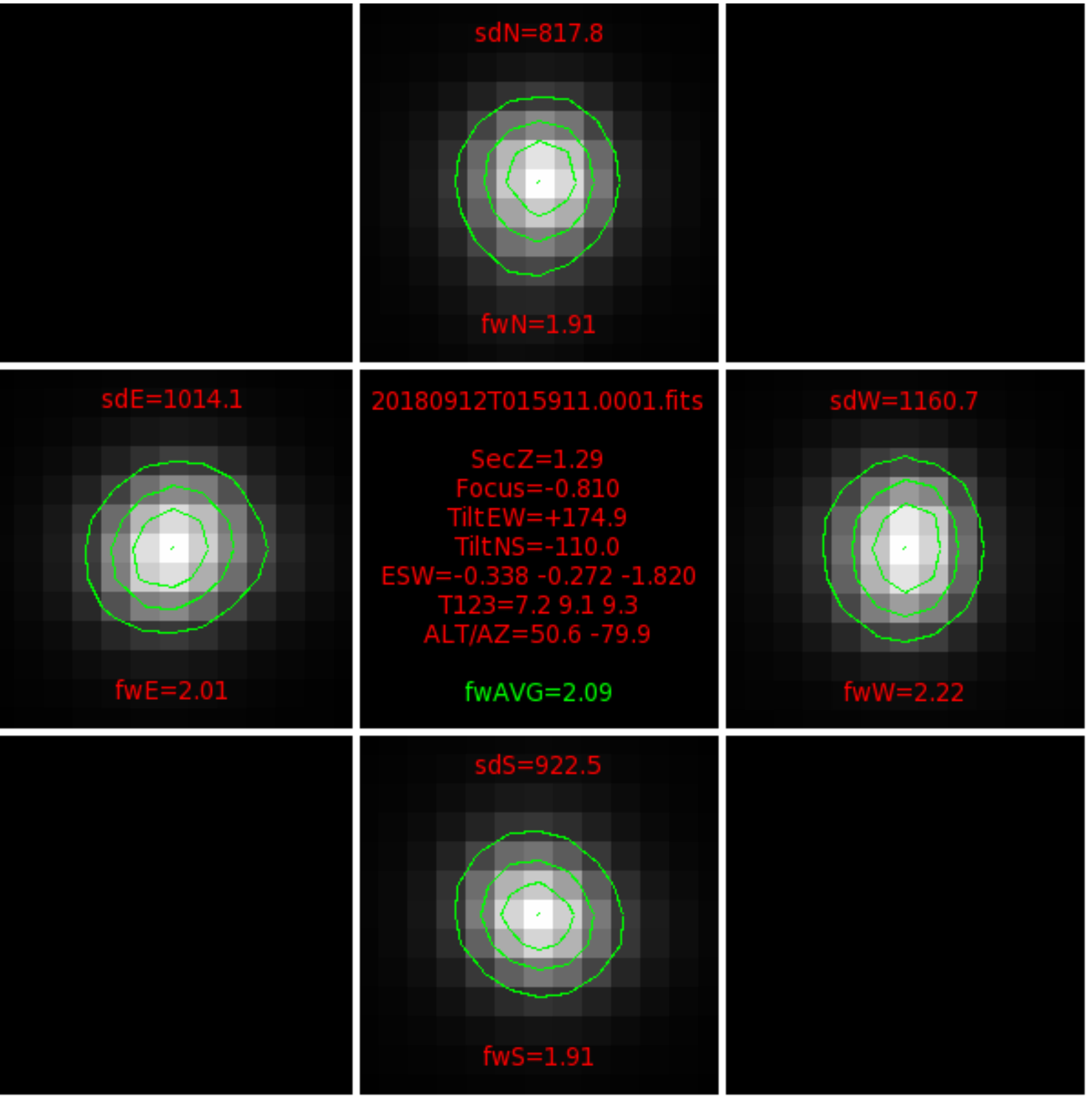
sdN=817.8
fwN=1.91
sdE=1014.1
fwE=2.01
20180912T015911.0001.fits
SecZ=1.29
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.2 9.1 9.3
ALT/AZ=50.6 -79.9
fwAVG=2.09
sdW=1160.7
fwW=2.22
sdS=922.5
fwS=1.91
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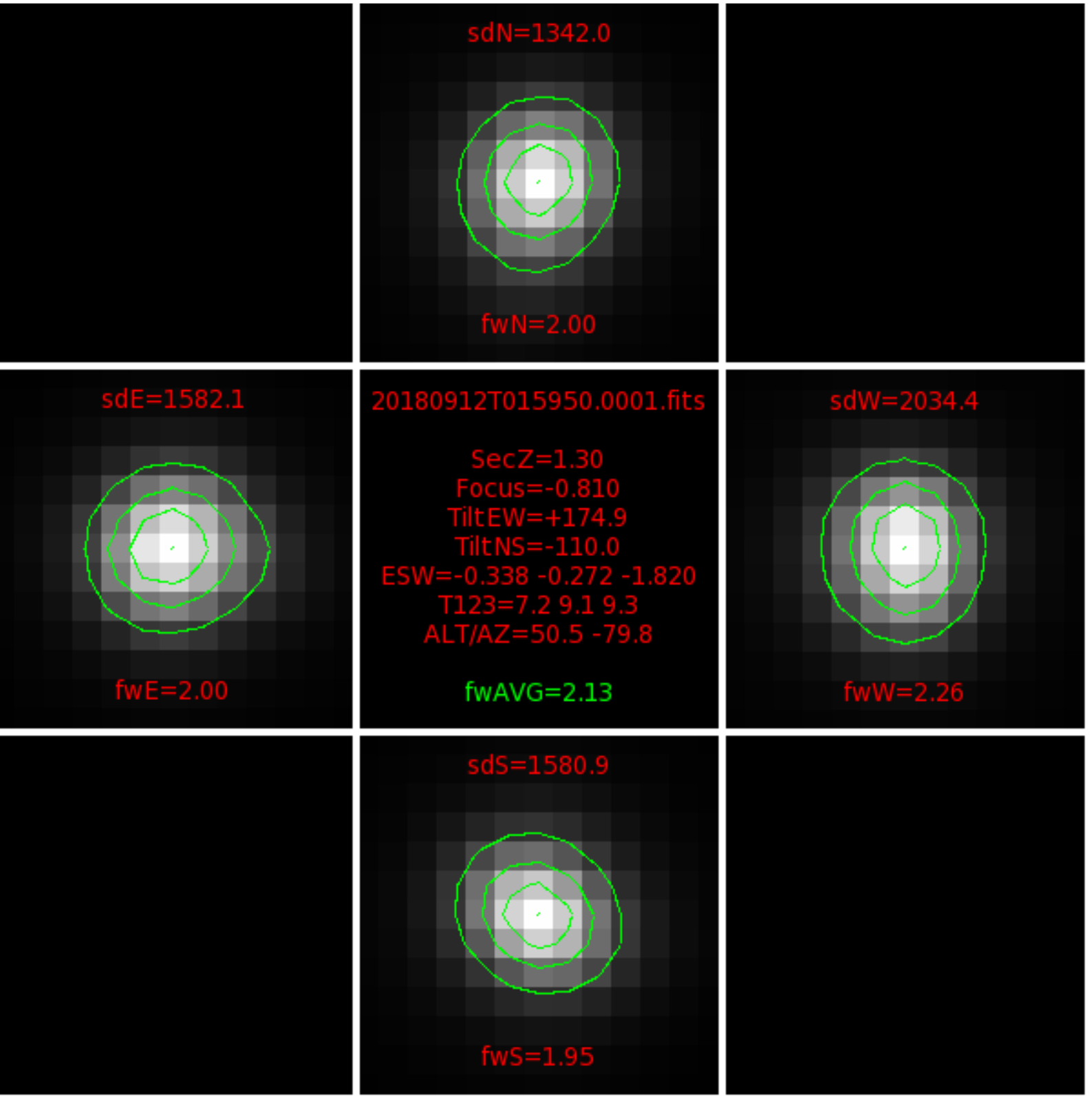
sdN=1342.0
fwN=2.00
sdE=1582.1
fwE=2.00
20180912T015950.0001.fits
SecZ=1.30
Focus=-0.810
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.338 -0.272 -1.820
T123=7.2 9.1 9.3
ALT/AZ=50.5 -79.8
fwAVG=2.13
sdW=2034.4
fwW=2.26
sdS=1580.9
fwS=1.95
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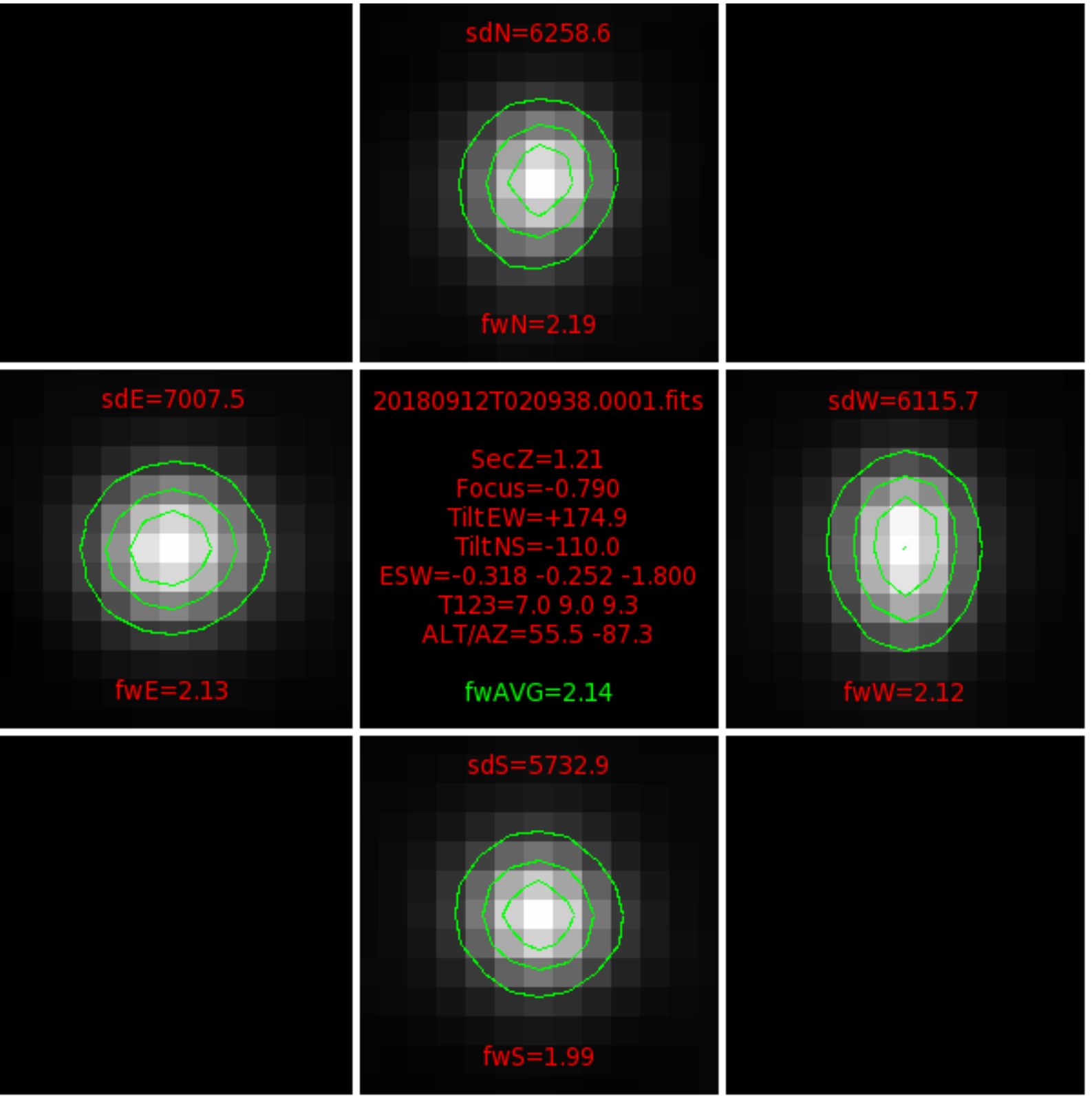
sdN=6258.6
fwN=2.19
sdE=7007.5
fwE=2.13
20180912T020938.0001.fits
SecZ=1.21
Focus=-0.790
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.318 -0.252 -1.800
T123=7.0 9.0 9.3
ALT/AZ=55.5 -87.3
fwAVG=2.14
sdW=6115.7
fwW=2.12
sdS=5732.9
fwS=1.99
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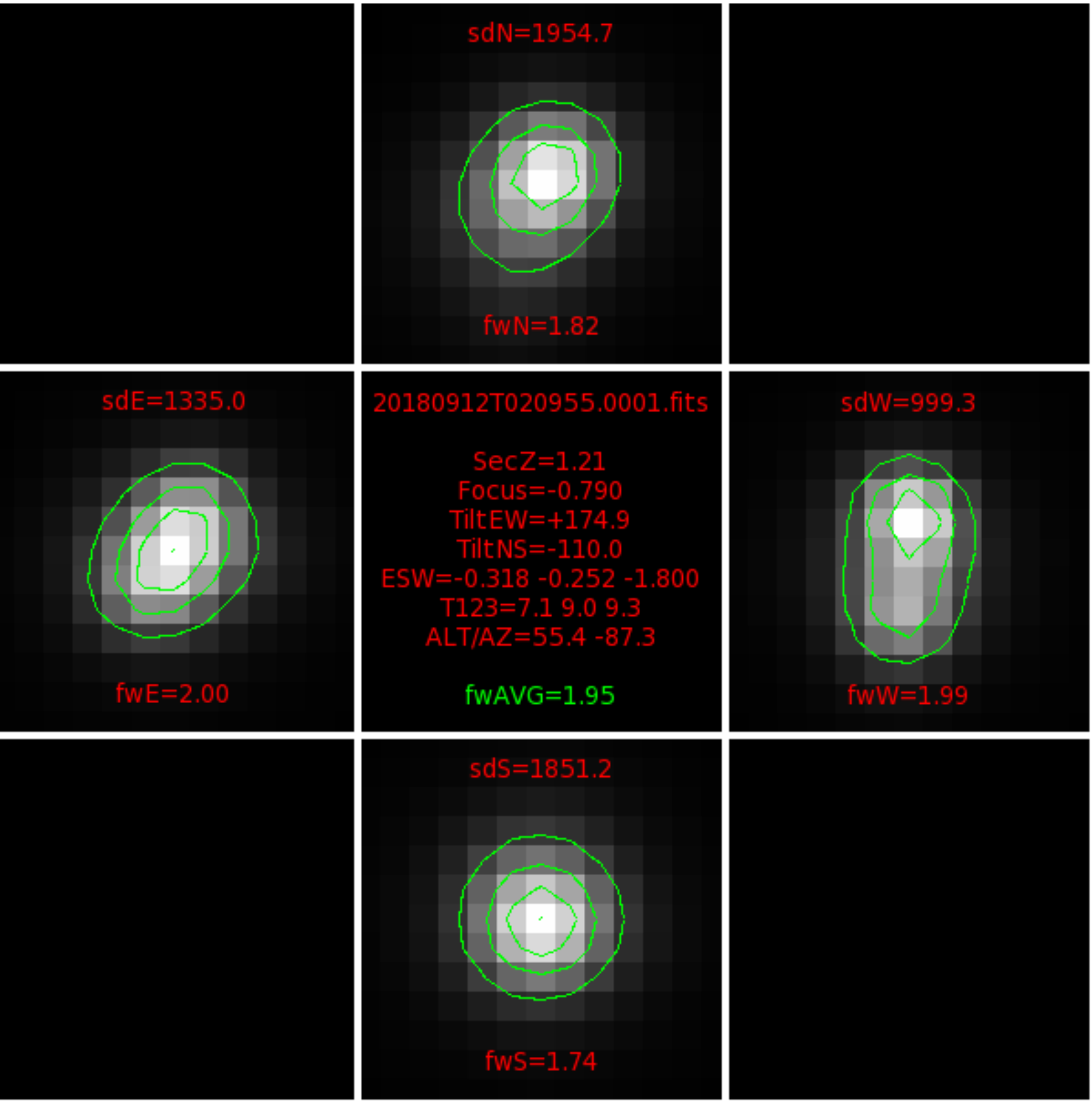
sdN=1954.7
fwN=1.82
sdE=1335.0
fwE=2.00
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SecZ=1.21
Focus=-0.790
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.318 -0.252 -1.800
T123=7.1 9.0 9.3
ALT/AZ=55.4 -87.3
fwAVG=1.95
sdW=999.3
fwW=1.99
sdS=1851.2
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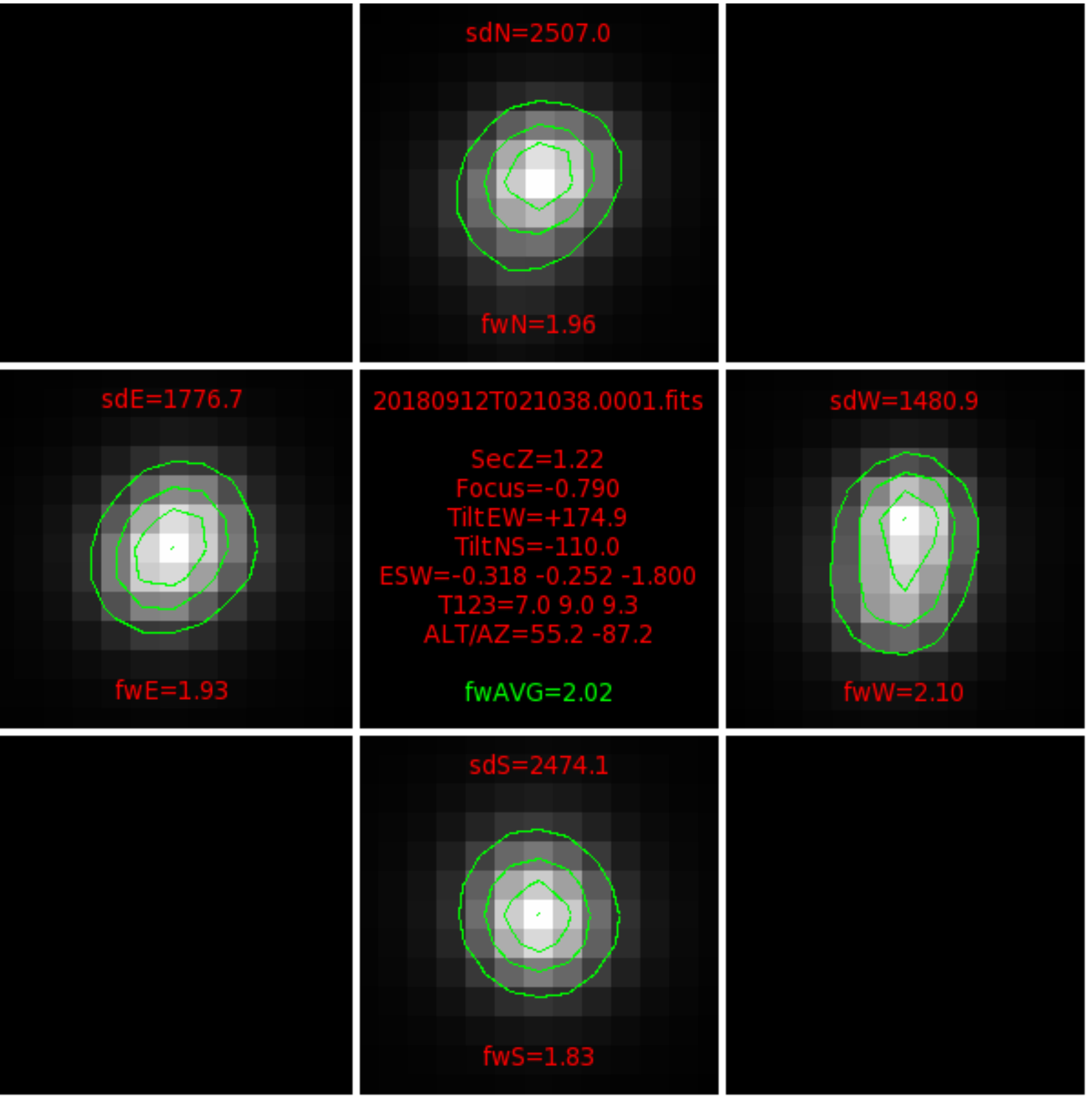
sdN=2507.0
fwN=1.96
sdE=1776.7
fwE=1.93
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SecZ=1.22
Focus=-0.790
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.318 -0.252 -1.800
T123=7.0 9.0 9.3
ALT/AZ=55.2 -87.2
fwAVG=2.02
sdW=1480.9
fwW=2.10
sdS=2474.1
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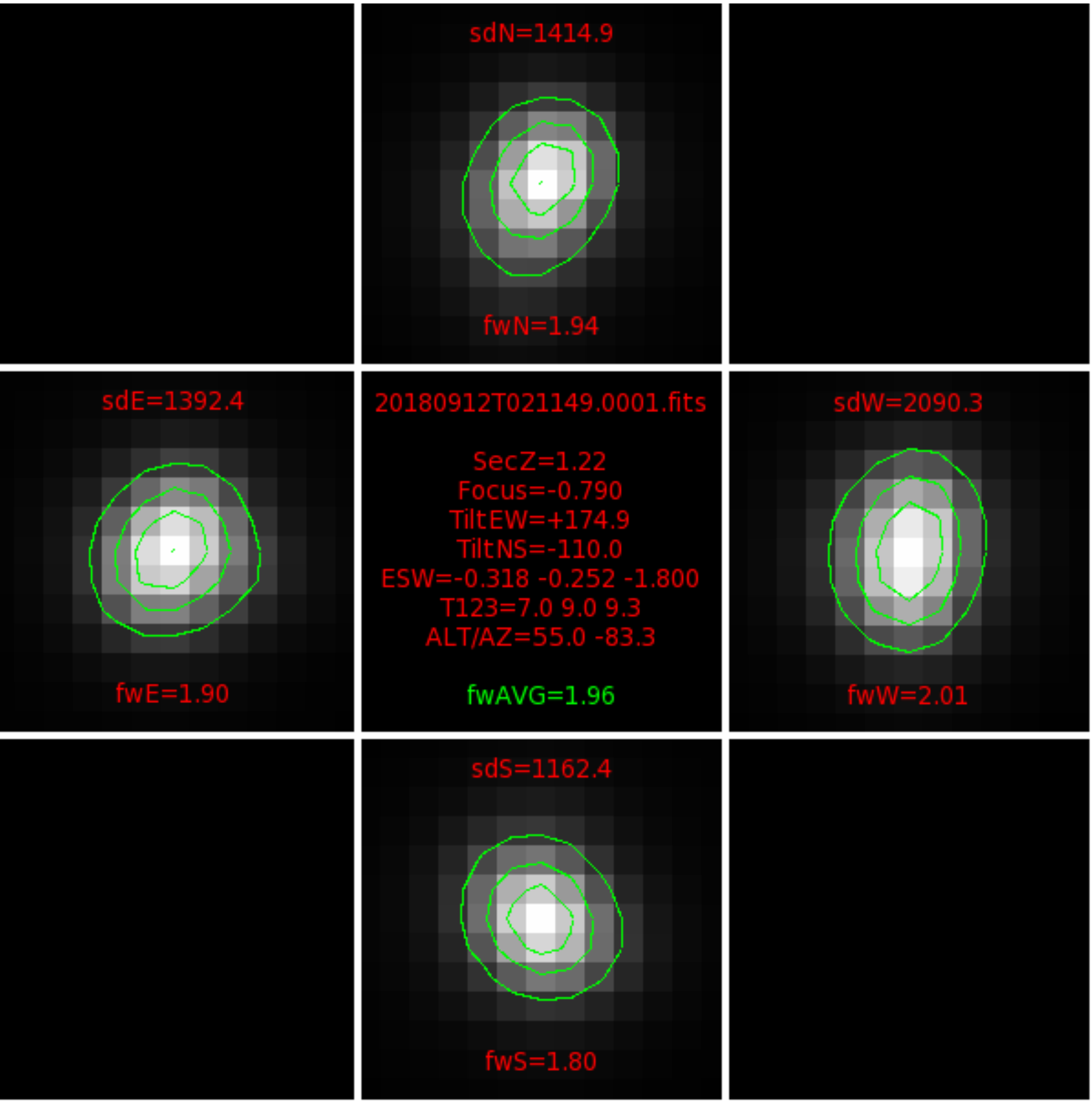
sdN=1414.9
fwN=1.94
sdE=1392.4
fwE=1.90
20180912T021149.0001.fits
SecZ=1.22
Focus=-0.790
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.318 -0.252 -1.800
T123=7.0 9.0 9.3
ALT/AZ=55.0 -83.3
fwAVG=1.96
sdW=2090.3
fwW=2.01
sdS=1162.4
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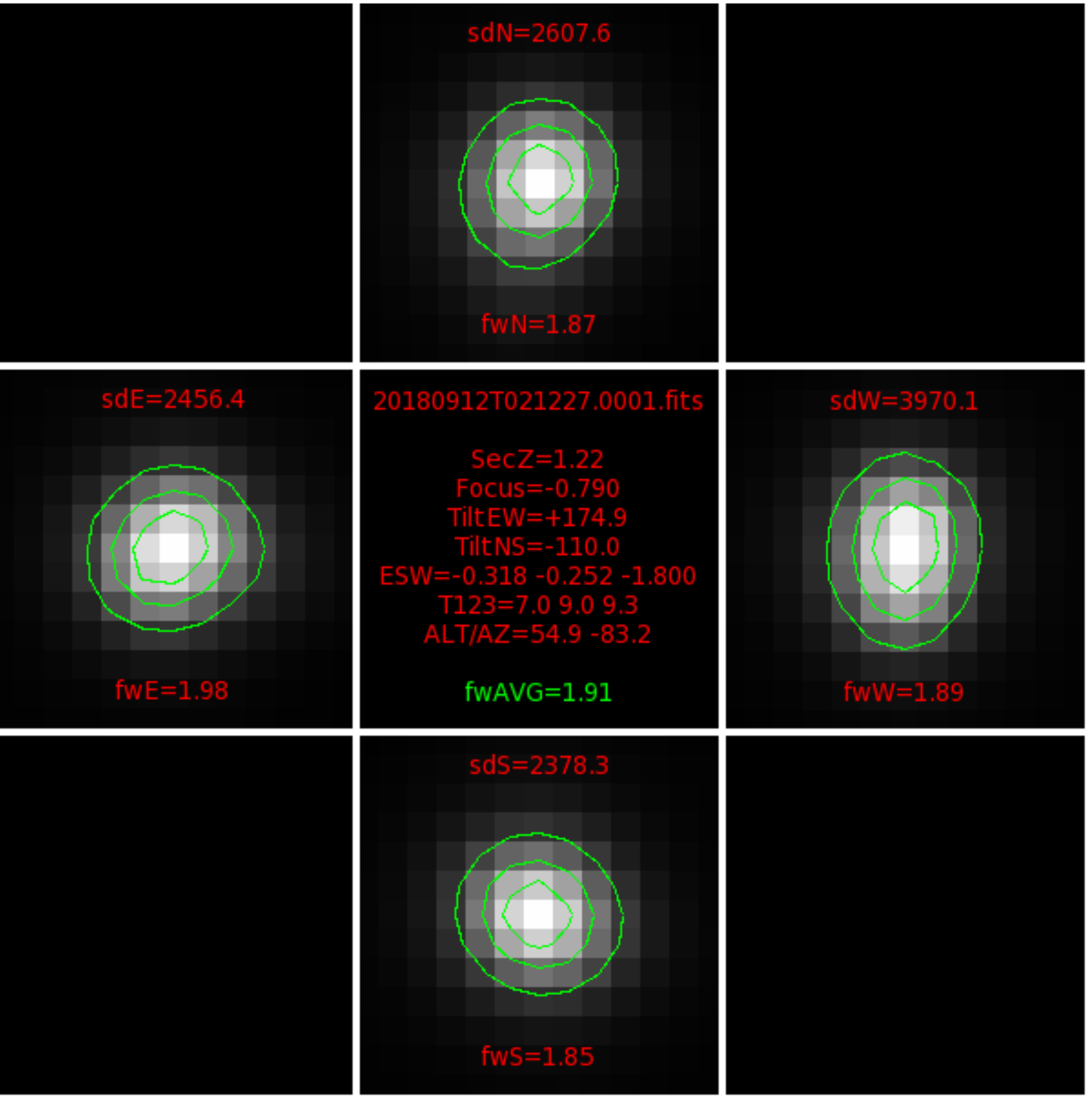
sdN=2607.6
fwN=1.87
sdE=2456.4
fwE=1.98
20180912T021227.0001.fits
SecZ=1.22
Focus=-0.790
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.318 -0.252 -1.800
T123=7.0 9.0 9.3
ALT/AZ=54.9 -83.2
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sdW=3970.1
fwW=1.89
sdS=2378.3
fwS=1.85
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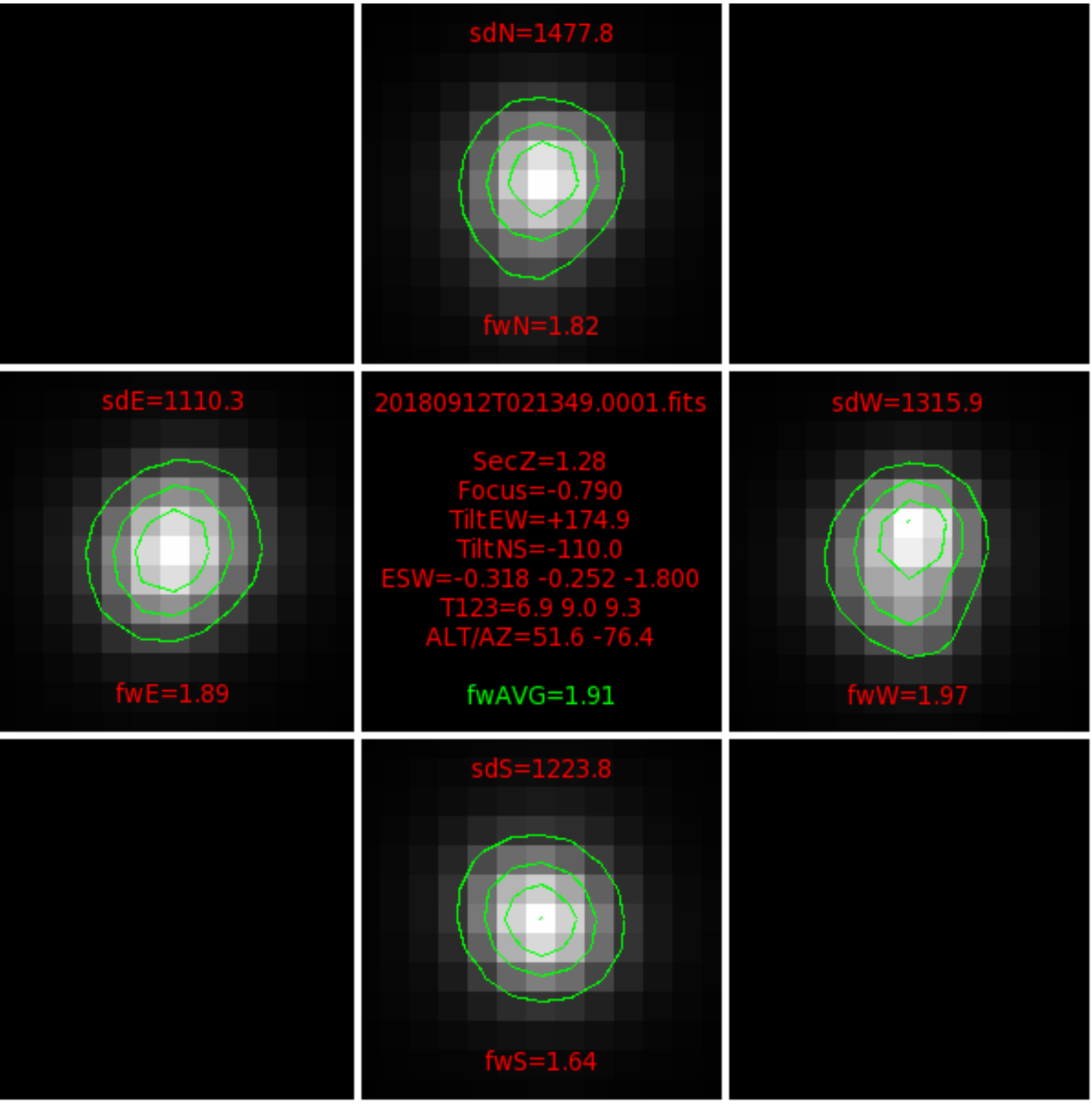
sdN=1477.8
fwN=1.82
sdE=1110.3
fwE=1.89
20180912T021349.0001.fits
SecZ=1.28
Focus=-0.790
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.318 -0.252 -1.800
T123=6.9 9.0 9.3
ALT/AZ=51.6 -76.4
fwAVG=1.91
sdW=1315.9
fwW=1.97
sdS=1223.8
fwS=1.64
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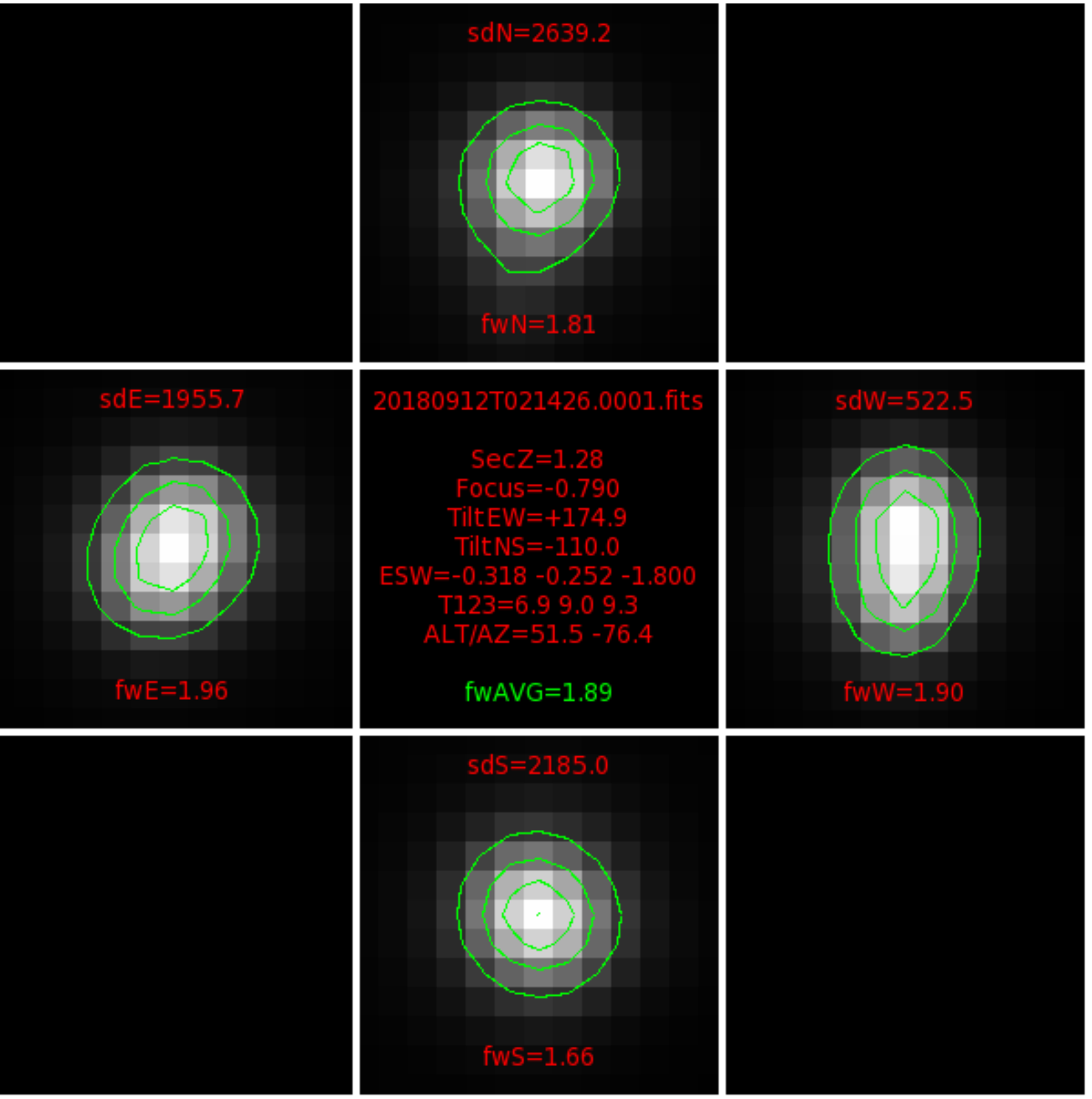
sdN=2639.2
fwN=1.81
sdE=1955.7
fwE=1.96
20180912T021426.0001.fits
SecZ=1.28
Focus=-0.790
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.318 -0.252 -1.800
T123=6.9 9.0 9.3
ALT/AZ=51.5 -76.4
fwAVG=1.89
sdW=522.5
fwW=1.90
sdS=2185.0
fwS=1.66
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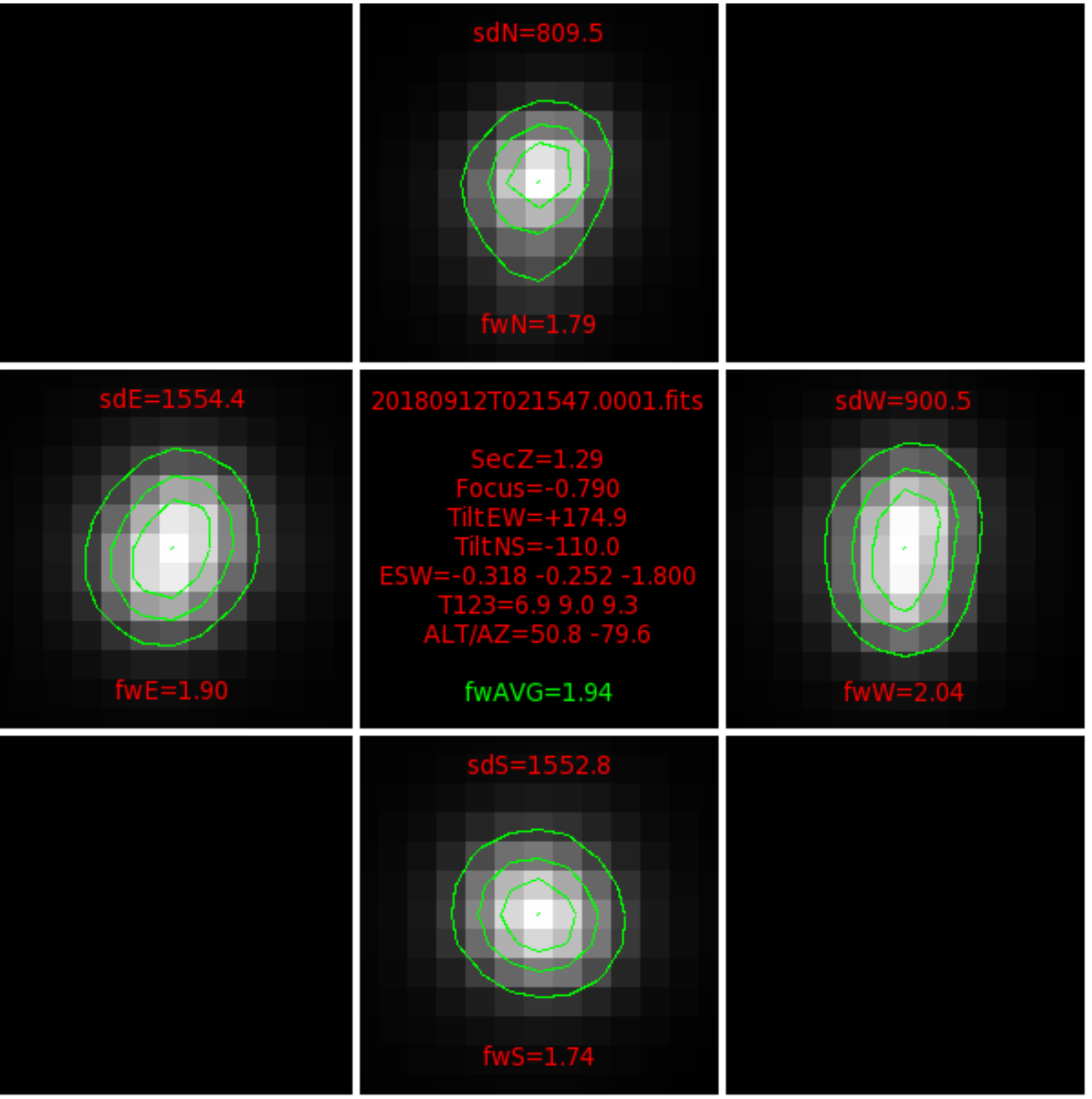
sdN=809.5
fwN=1.79
sdE=1554.4
fwE=1.90
20180912T021547.0001.fits
SecZ=1.29
Focus=-0.790
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.318 -0.252 -1.800
T123=6.9 9.0 9.3
ALT/AZ=50.8 -79.6
fwAVG=1.94
sdW=900.5
fwW=2.04
sdS=1552.8
fwS=1.74
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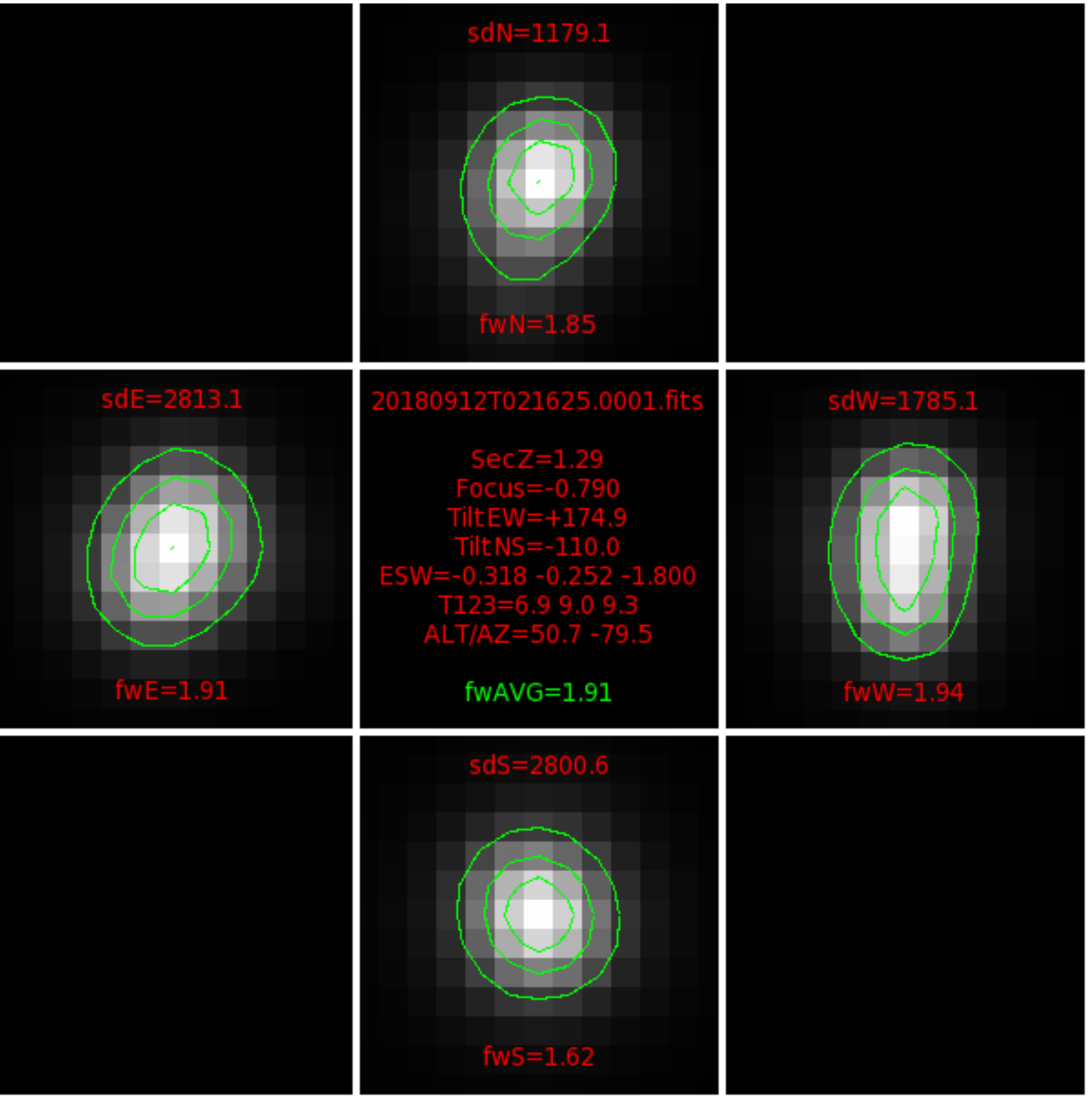
sdN=1179.1
fwN=1.85
sdE=2813.1
fwE=1.91
20180912T021625.0001.fits
SecZ=1.29
Focus=-0.790
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.318 -0.252 -1.800
T123=6.9 9.0 9.3
ALT/AZ=50.7 -79.5
fwAVG=1.91
sdW=1785.1
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sdS=2800.6
fwS=1.62
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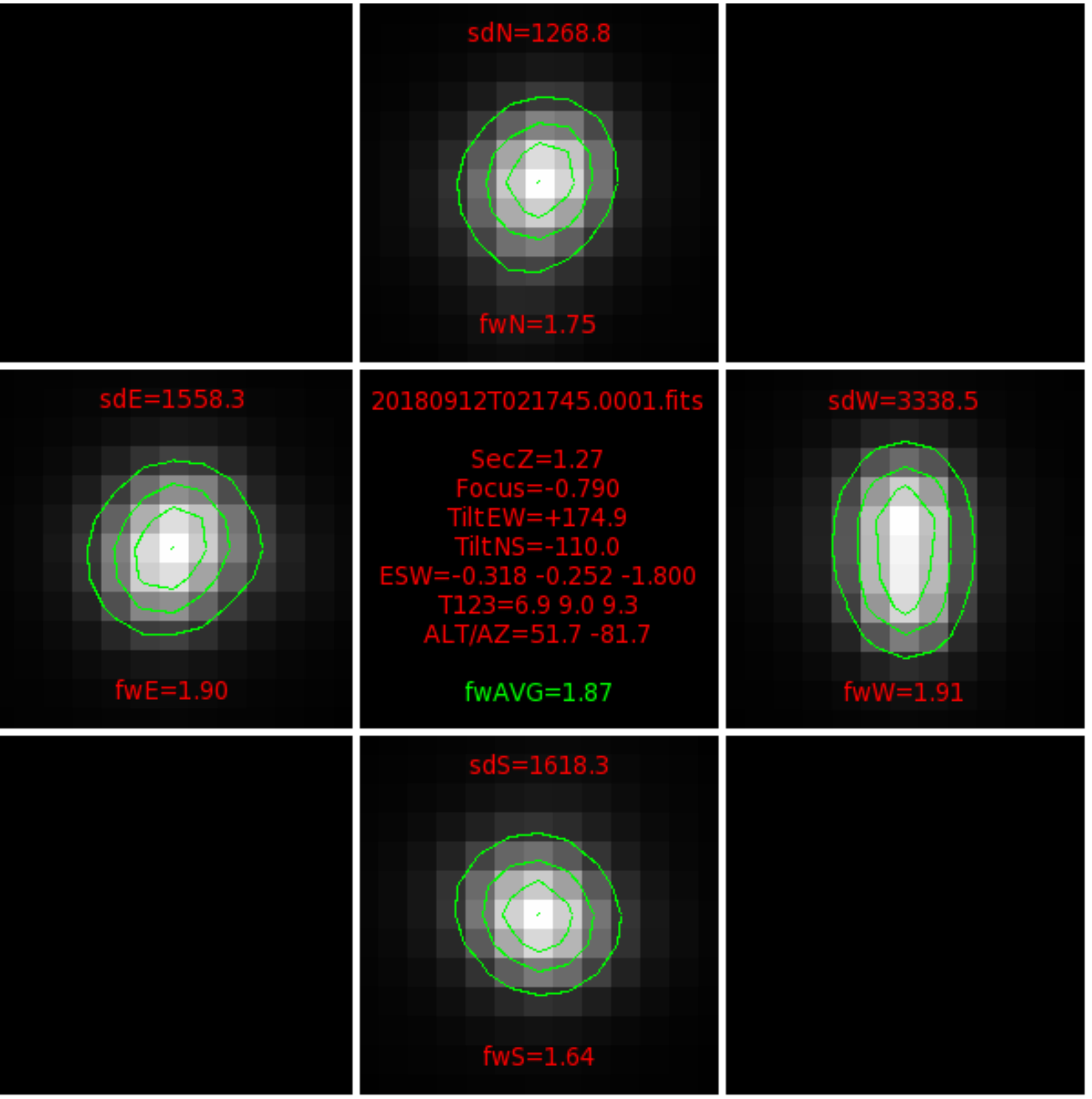
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fwN=1.75
sdE=1558.3
fwE=1.90
20180912T021745.0001.fits
SecZ=1.27
Focus=-0.790
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.318 -0.252 -1.800
T123=6.9 9.0 9.3
ALT/AZ=51.7 -81.7
fwAVG=1.87
sdW=3338.5
fwW=1.91
sdS=1618.3
fwS=1.64
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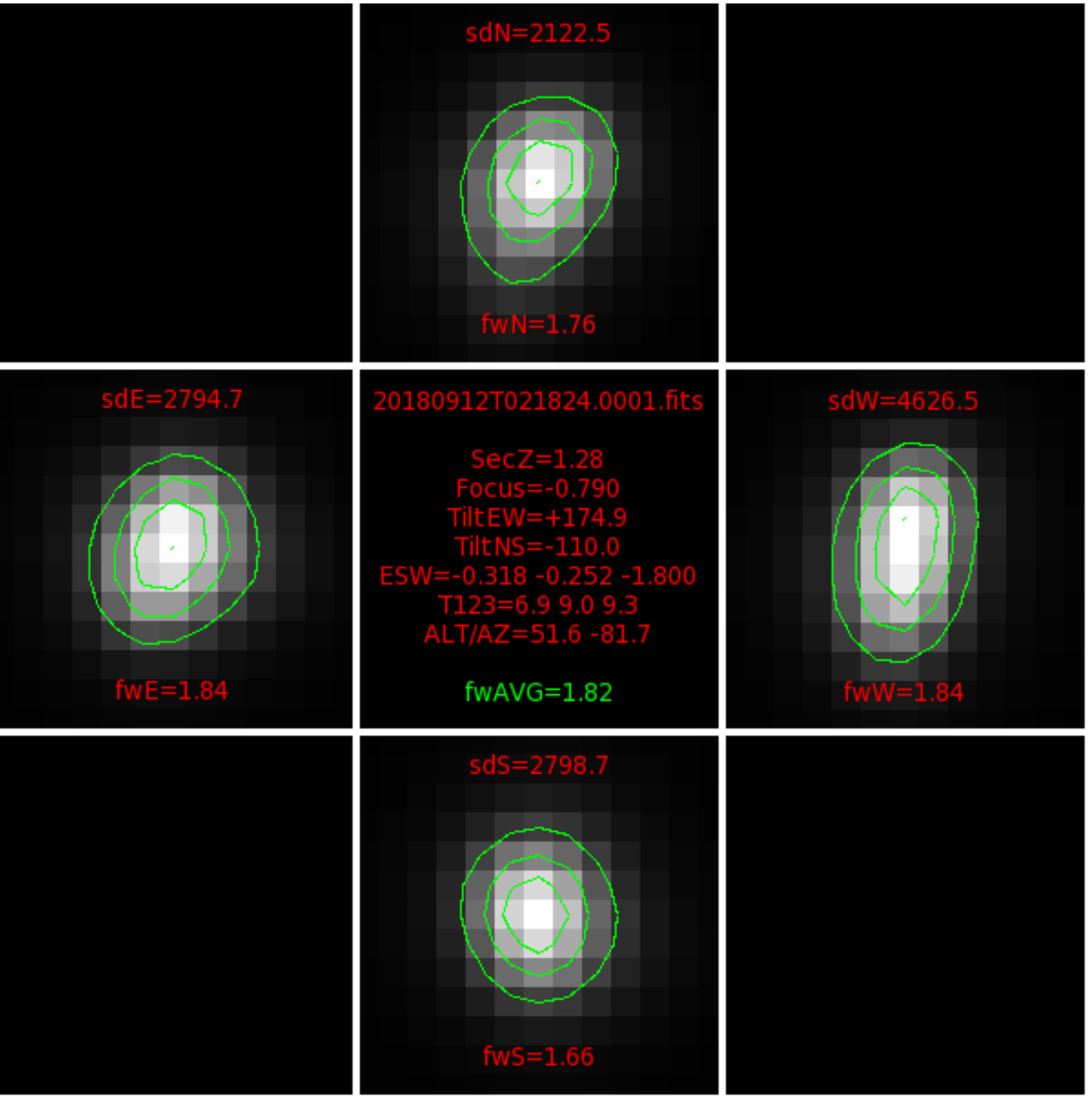
sdN=2122.5
fwN=1.76
sdE=2794.7
fwE=1.84
20180912T021824.0001.fits
SecZ=1.28
Focus=-0.790
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.318 -0.252 -1.800
T123=6.9 9.0 9.3
ALT/AZ=51.6 -81.7
fwAVG=1.82
sdW=4626.5
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sdS=2798.7
fwS=1.66
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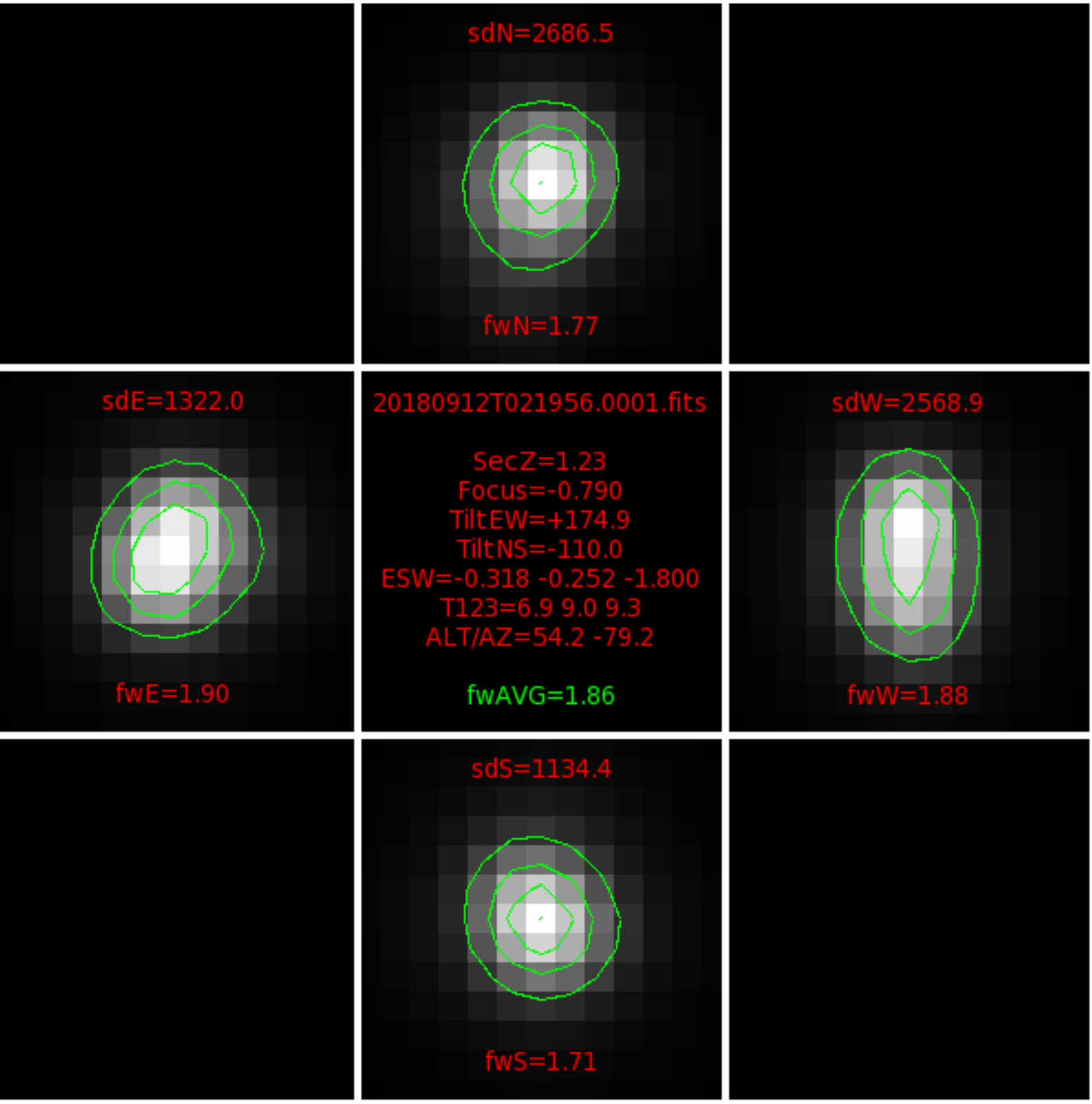
sdN=2686.5
fwN=1.77
sdE=1322.0
fwE=1.90
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SecZ=1.23
Focus=-0.790
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.318 -0.252 -1.800
T123=6.9 9.0 9.3
ALT/AZ=54.2 -79.2
fwAVG=1.86
sdW=2568.9
fwW=1.88
sdS=1134.4
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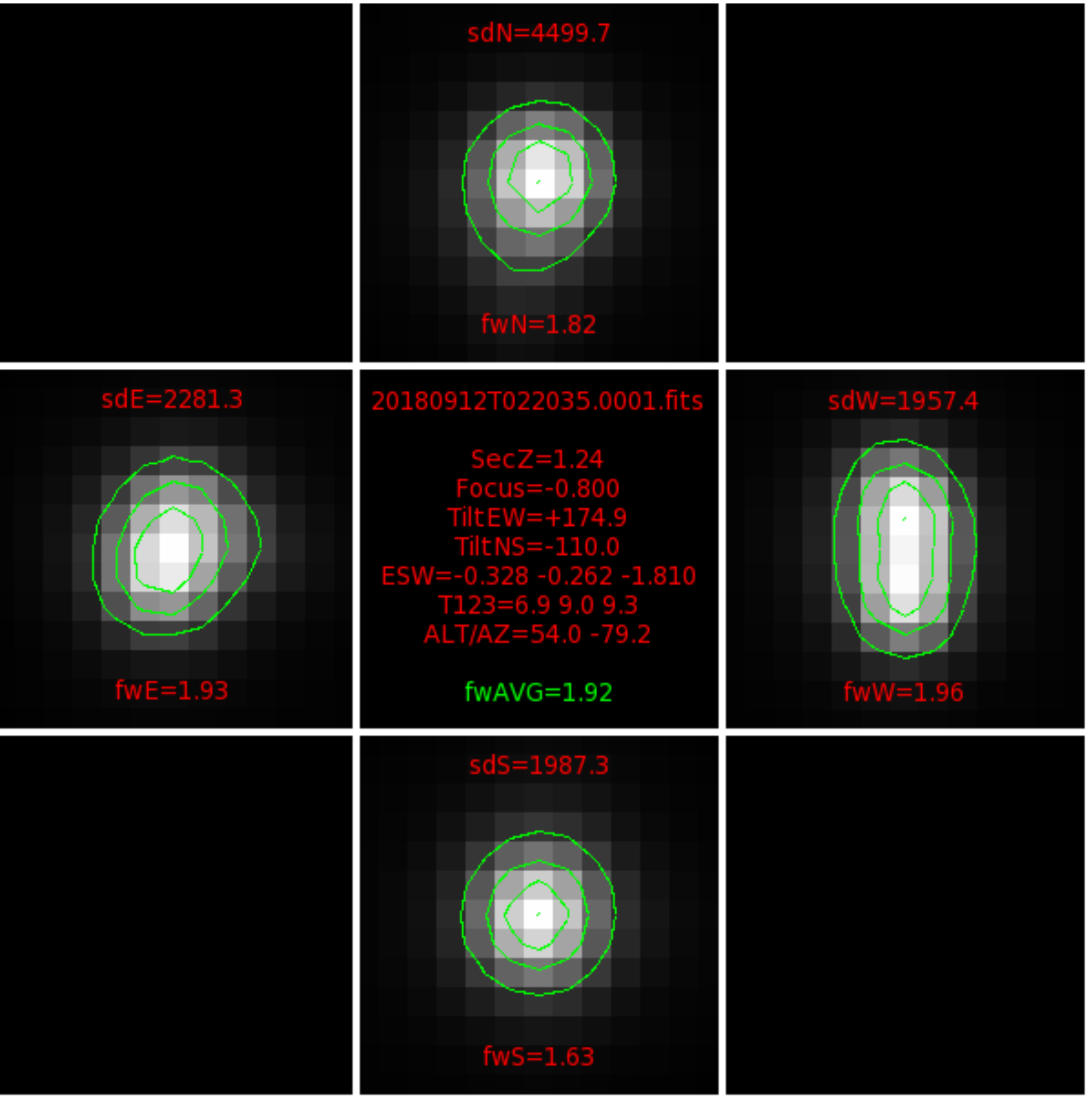
sdN=4499.7
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sdE=2281.3
fwE=1.93
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SecZ=1.24
Focus=-0.800
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.328 -0.262 -1.810
T123=6.9 9.0 9.3
ALT/AZ=54.0 -79.2
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sdW=1957.4
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sdS=1987.3
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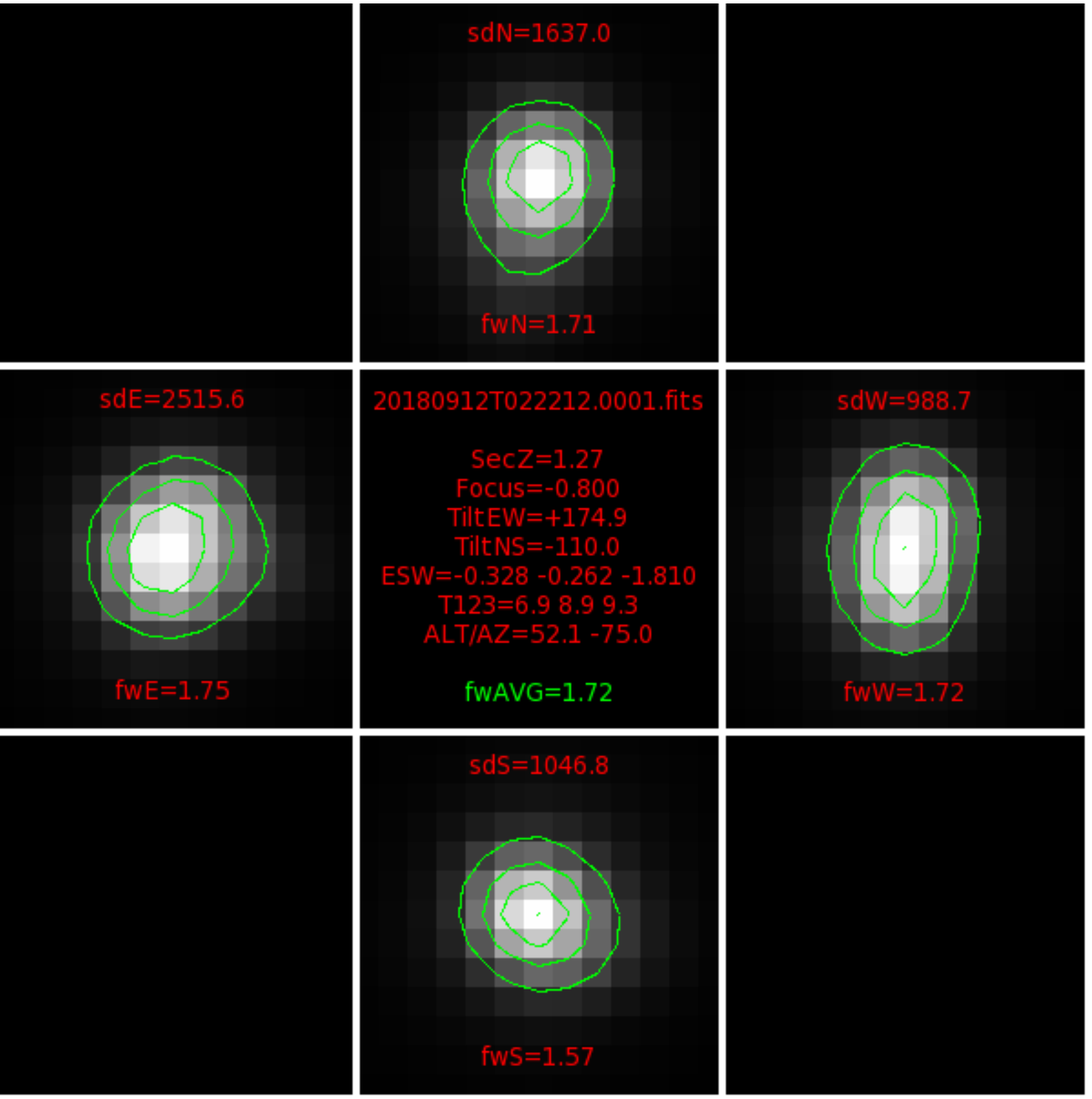
sdN=1637.0
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sdE=2515.6
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SecZ=1.27
Focus=-0.800
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.328 -0.262 -1.810
T123=6.9 8.9 9.3
ALT/AZ=52.1 -75.0
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sdW=988.7
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sdS=1046.8
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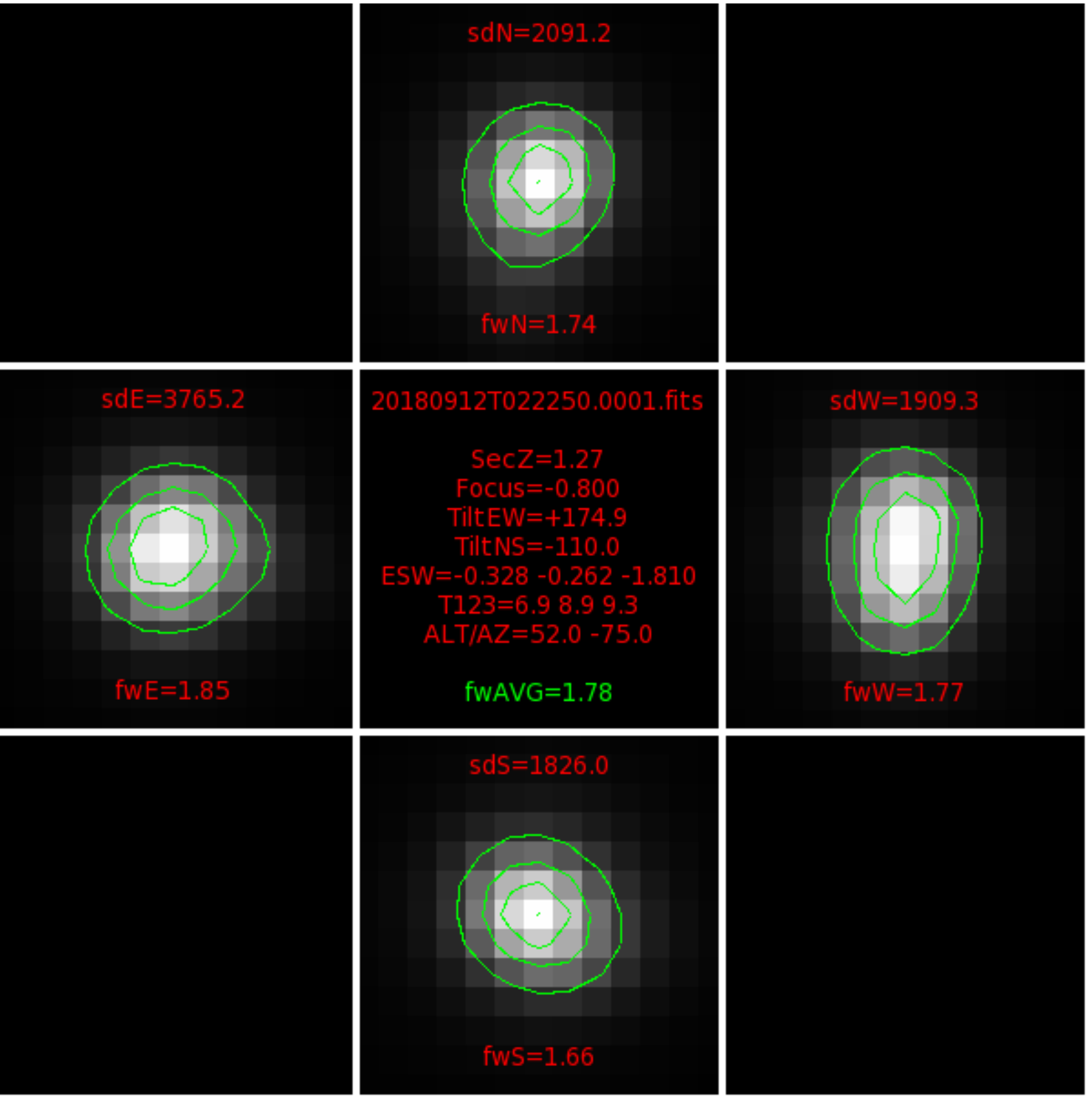
sdN=2091.2
fwN=1.74
sdE=3765.2
fwE=1.85
20180912T022250.0001.fits
SecZ=1.27
Focus=-0.800
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.328 -0.262 -1.810
T123=6.9 8.9 9.3
ALT/AZ=52.0 -75.0
fwAVG=1.78
sdW=1909.3
fwW=1.77
sdS=1826.0
fwS=1.66
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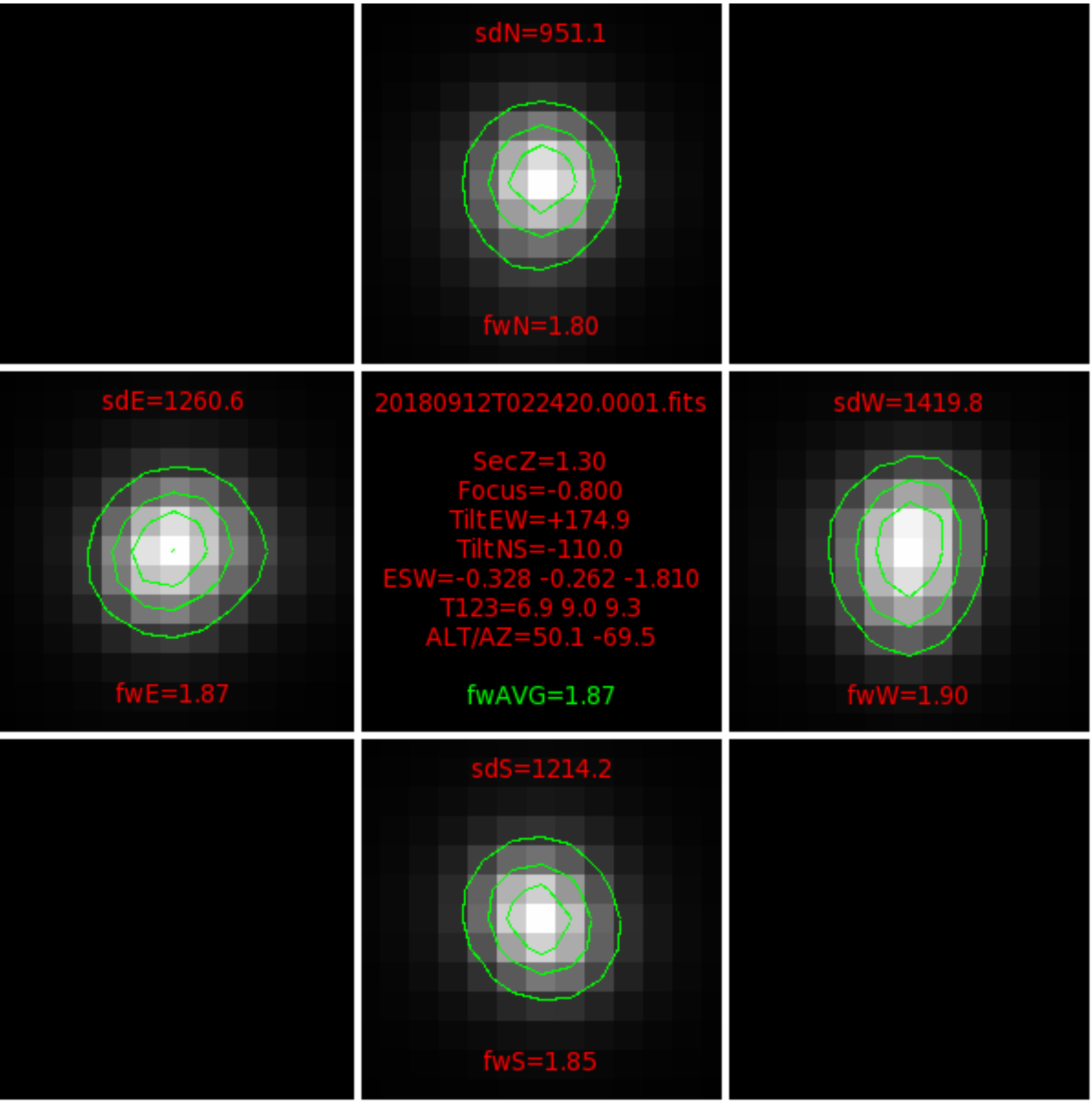
sdN=951.1
fwN=1.80
sdE=1260.6
fwE=1.87
20180912T022420.0001.fits
SecZ=1.30
Focus=-0.800
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.328 -0.262 -1.810
T123=6.9 9.0 9.3
ALT/AZ=50.1 -69.5
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sdW=1419.8
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sdS=1214.2
fwS=1.85
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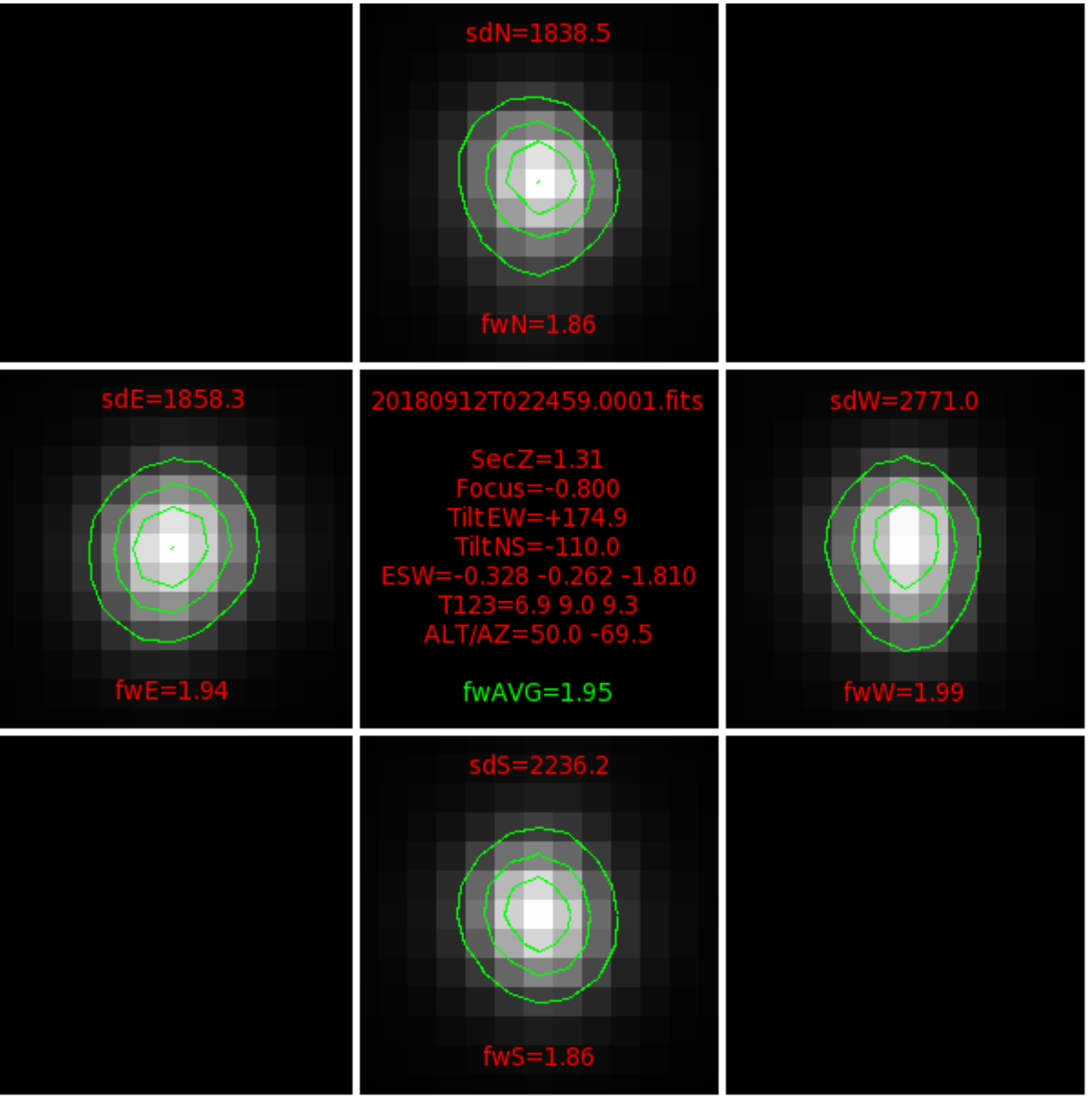
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fwN=1.86
sdE=1858.3
fwE=1.94
20180912T022459.0001.fits
SecZ=1.31
Focus=-0.800
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.328 -0.262 -1.810
T123=6.9 9.0 9.3
ALT/AZ=50.0 -69.5
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sdW=2771.0
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sdS=2236.2
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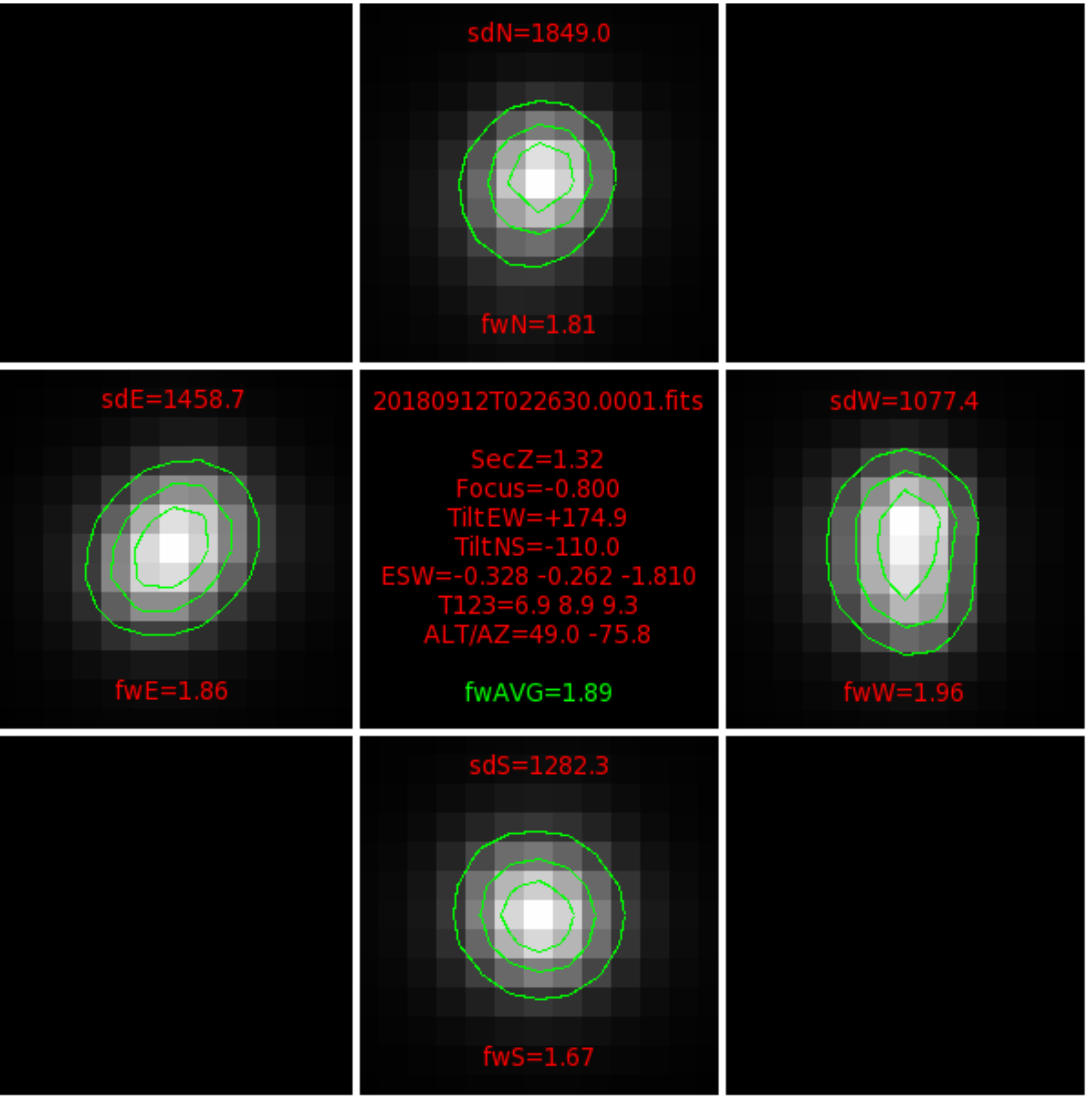
sdN=1849.0
fwN=1.81
sdE=1458.7
fwE=1.86
20180912T022630.0001.fits
SecZ=1.32
Focus=-0.800
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.328 -0.262 -1.810
T123=6.9 8.9 9.3
ALT/AZ=49.0 -75.8
fwAVG=1.89
sdW=1077.4
fwW=1.96
sdS=1282.3
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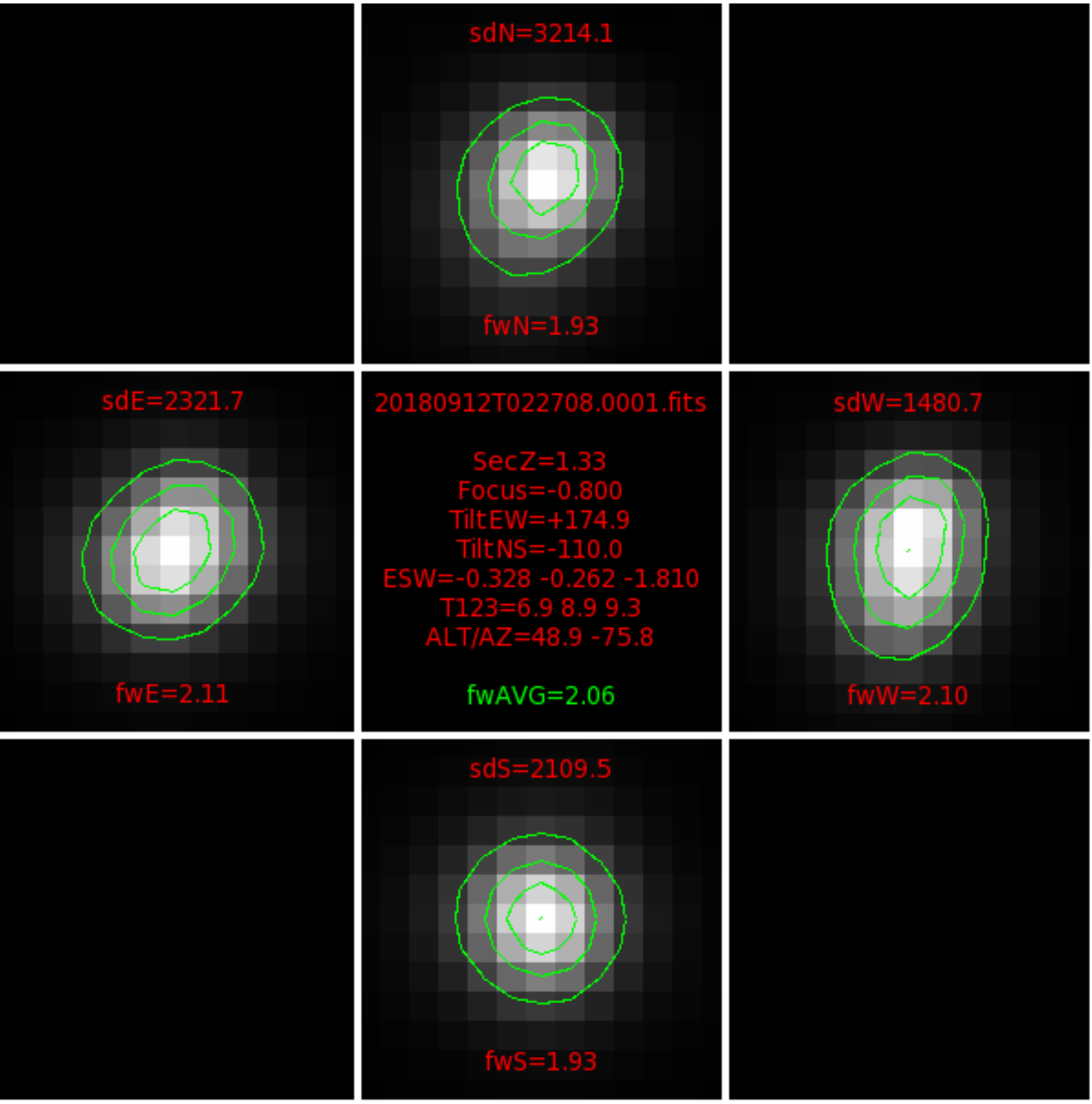
sdN=3214.1
fwN=1.93
sdE=2321.7
fwE=2.11
20180912T022708.0001.fits
SecZ=1.33
Focus=-0.800
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.328 -0.262 -1.810
T123=6.9 8.9 9.3
ALT/AZ=48.9 -75.8
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sdW=1480.7
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sdS=2109.5
fwS=1.93
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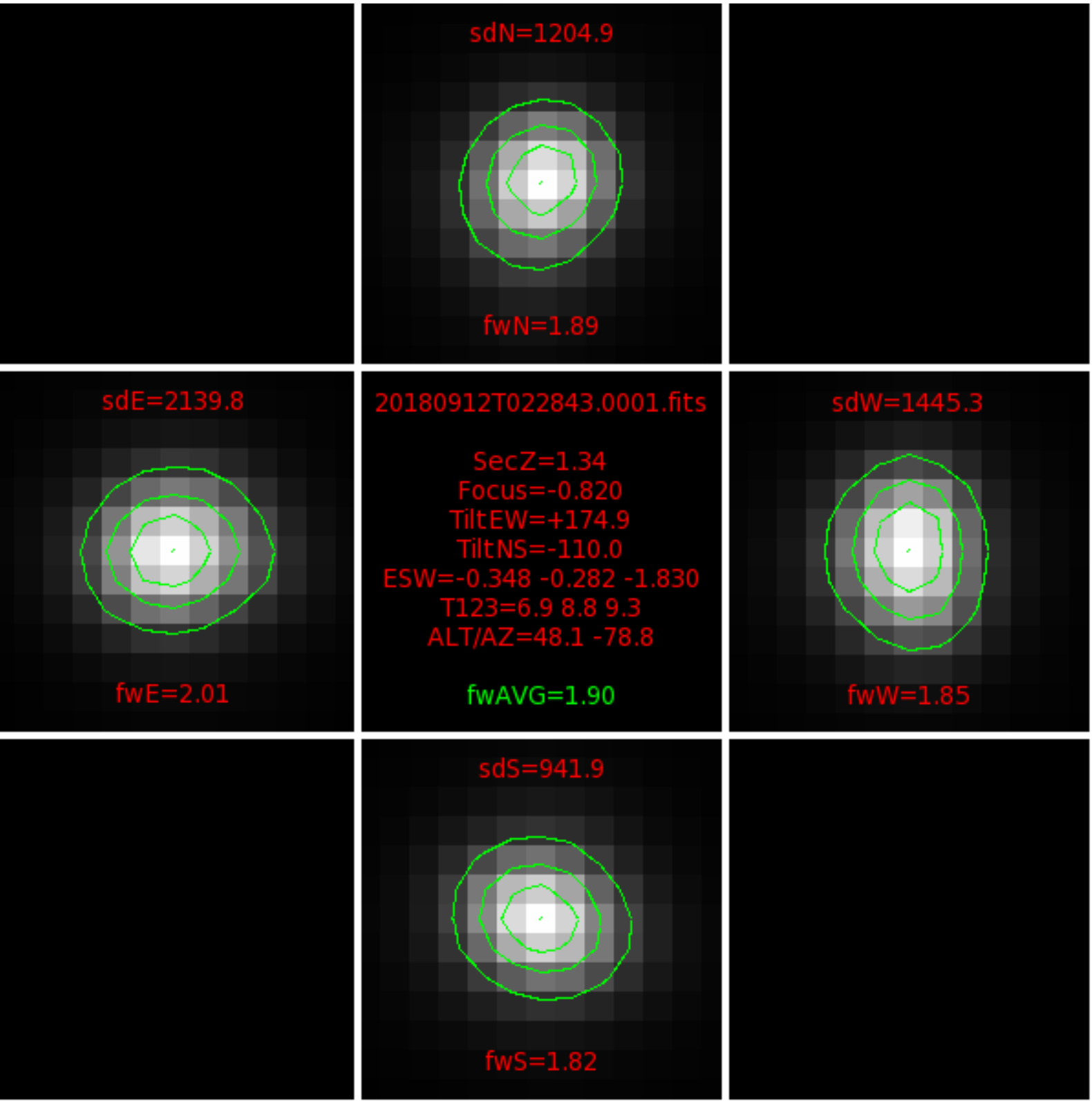
sdN=1204.9
fwN=1.89
sdE=2139.8
fwE=2.01
20180912T022843.0001.fits
SecZ=1.34
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=6.9 8.8 9.3
ALT/AZ=48.1 -78.8
fwAVG=1.90
sdW=1445.3
fwW=1.85
sdS=941.9
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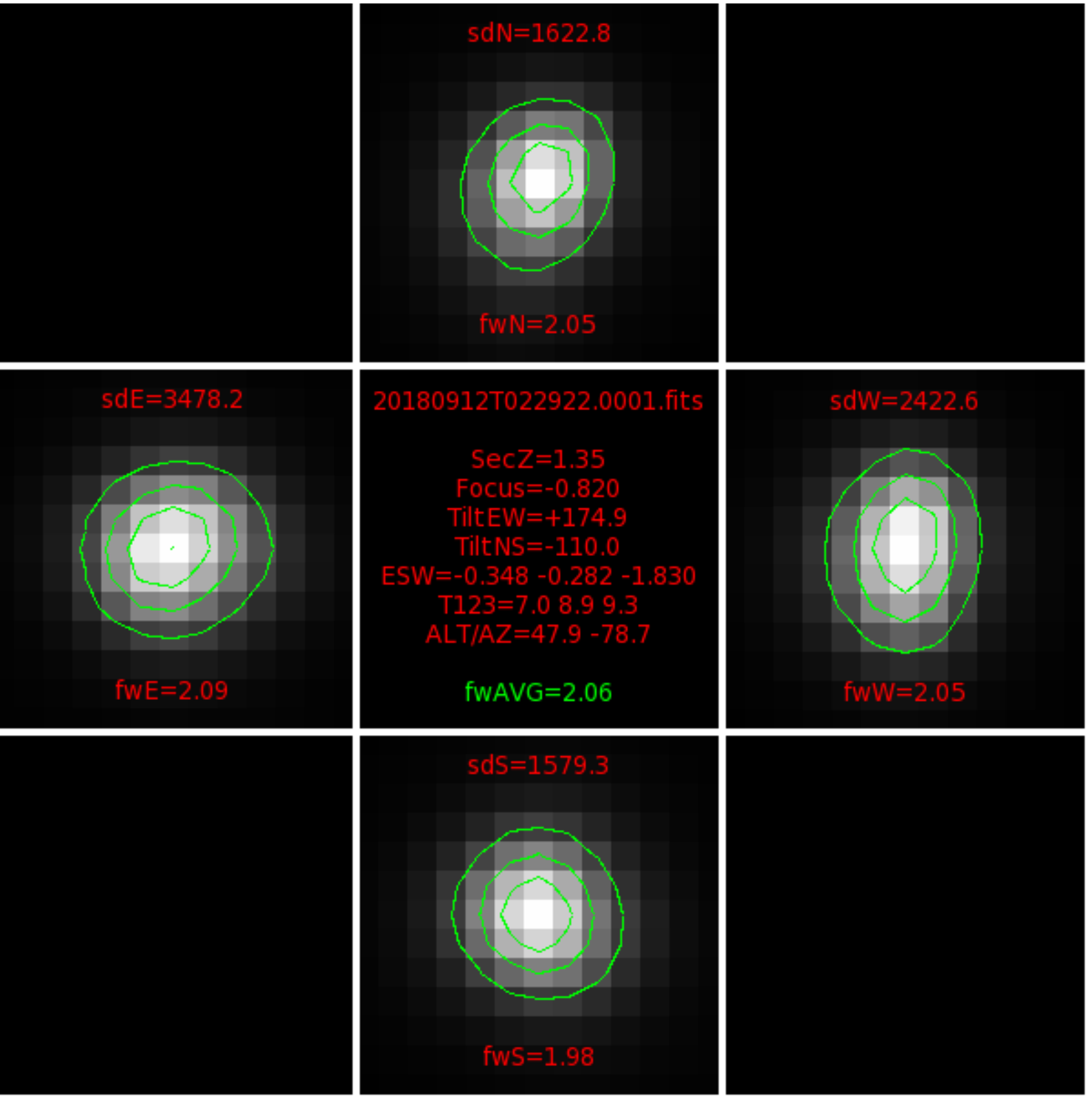
sdN=1622.8
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sdE=3478.2
fwE=2.09
20180912T022922.0001.fits
SecZ=1.35
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.0 8.9 9.3
ALT/AZ=47.9 -78.7
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sdW=2422.6
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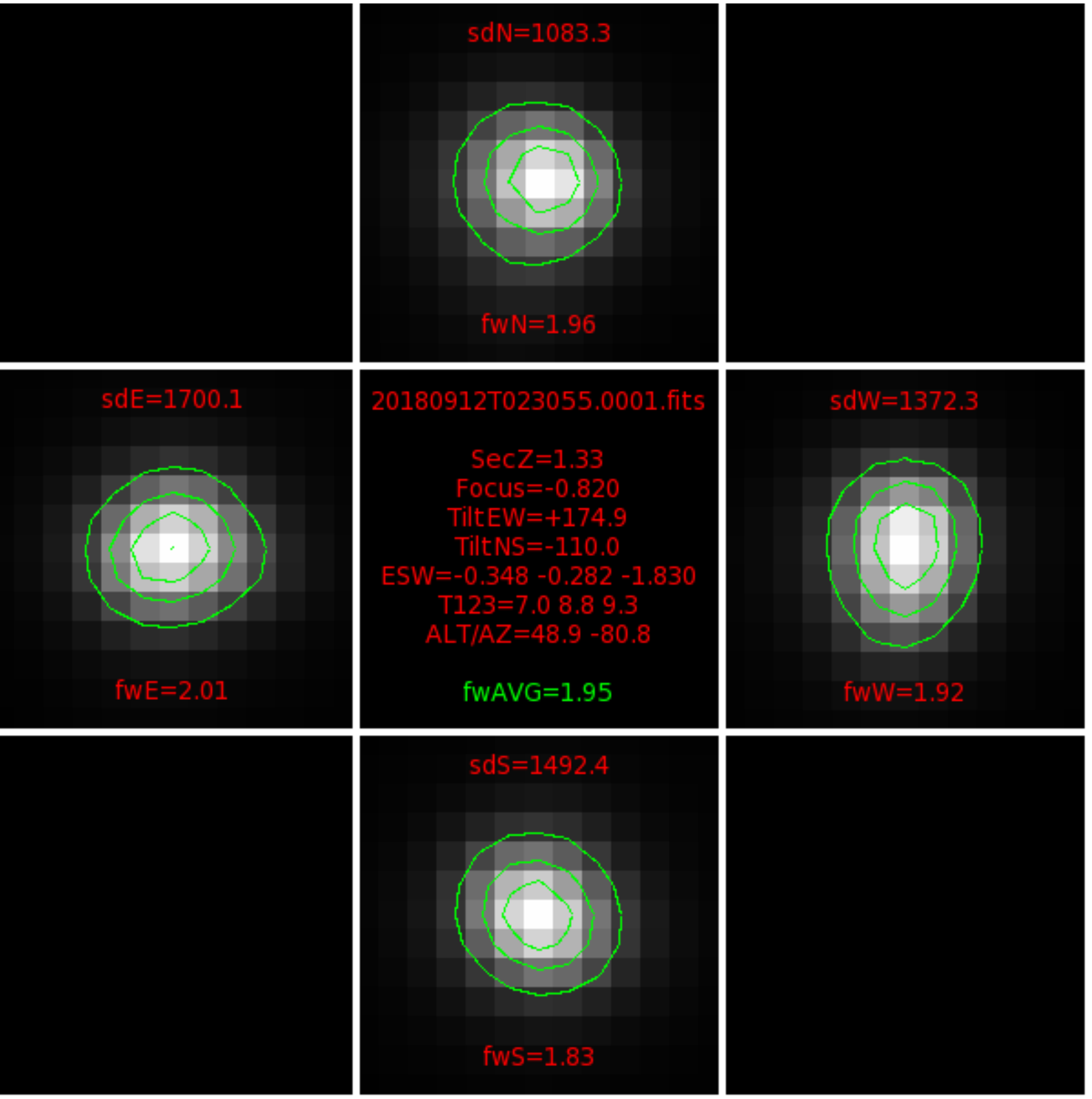
sdN=1083.3
fwN=1.96
sdE=1700.1
fwE=2.01
20180912T023055.0001.fits
SecZ=1.33
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.0 8.8 9.3
ALT/AZ=48.9 -80.8
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sdW=1372.3
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sdS=1492.4
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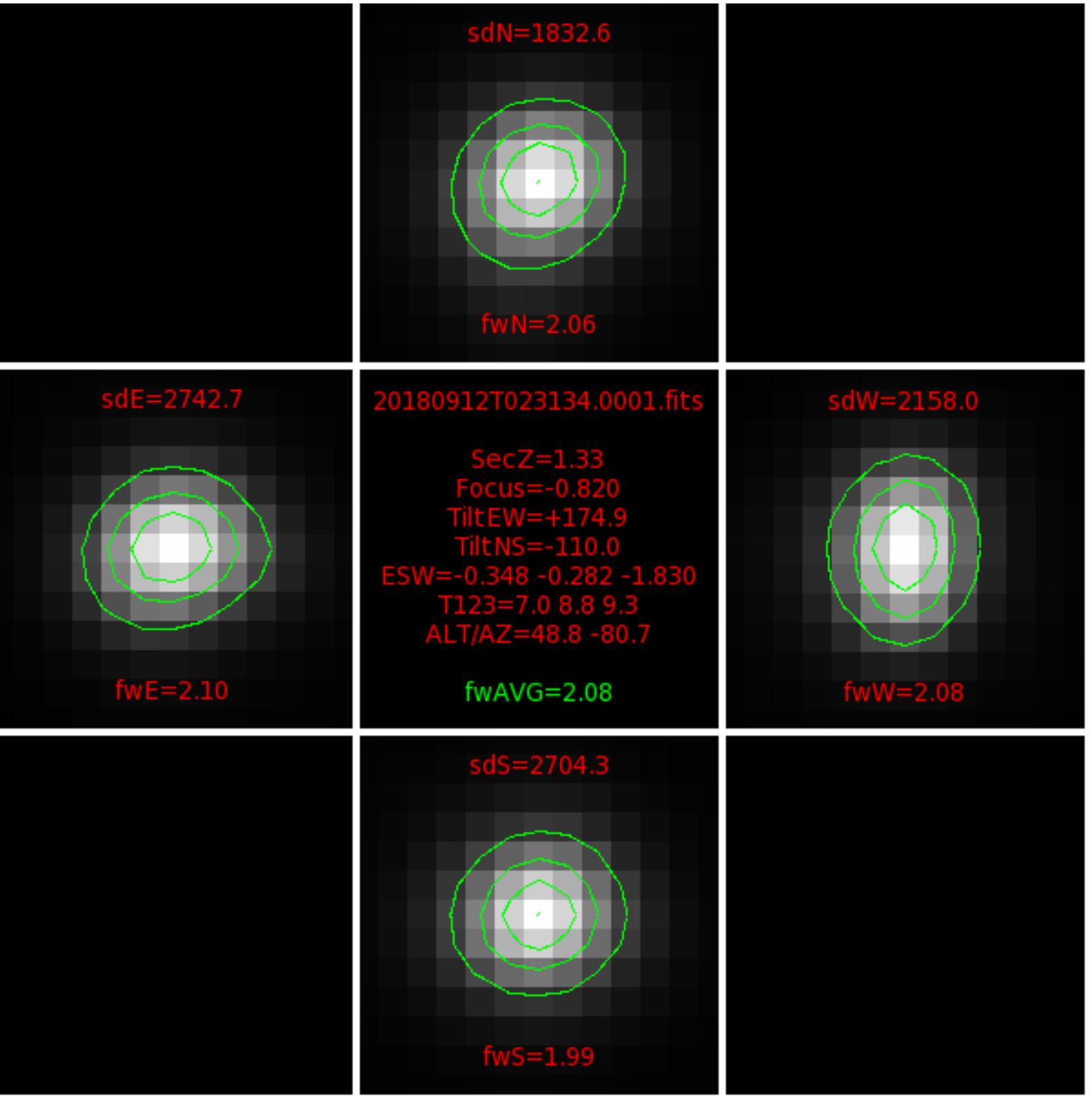
sdN=1832.6
fwN=2.06
sdE=2742.7
fwE=2.10
20180912T023134.0001.fits
SecZ=1.33
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.0 8.8 9.3
ALT/AZ=48.8 -80.7
fwAVG=2.08
sdW=2158.0
fwW=2.08
sdS=2704.3
fwS=1.99
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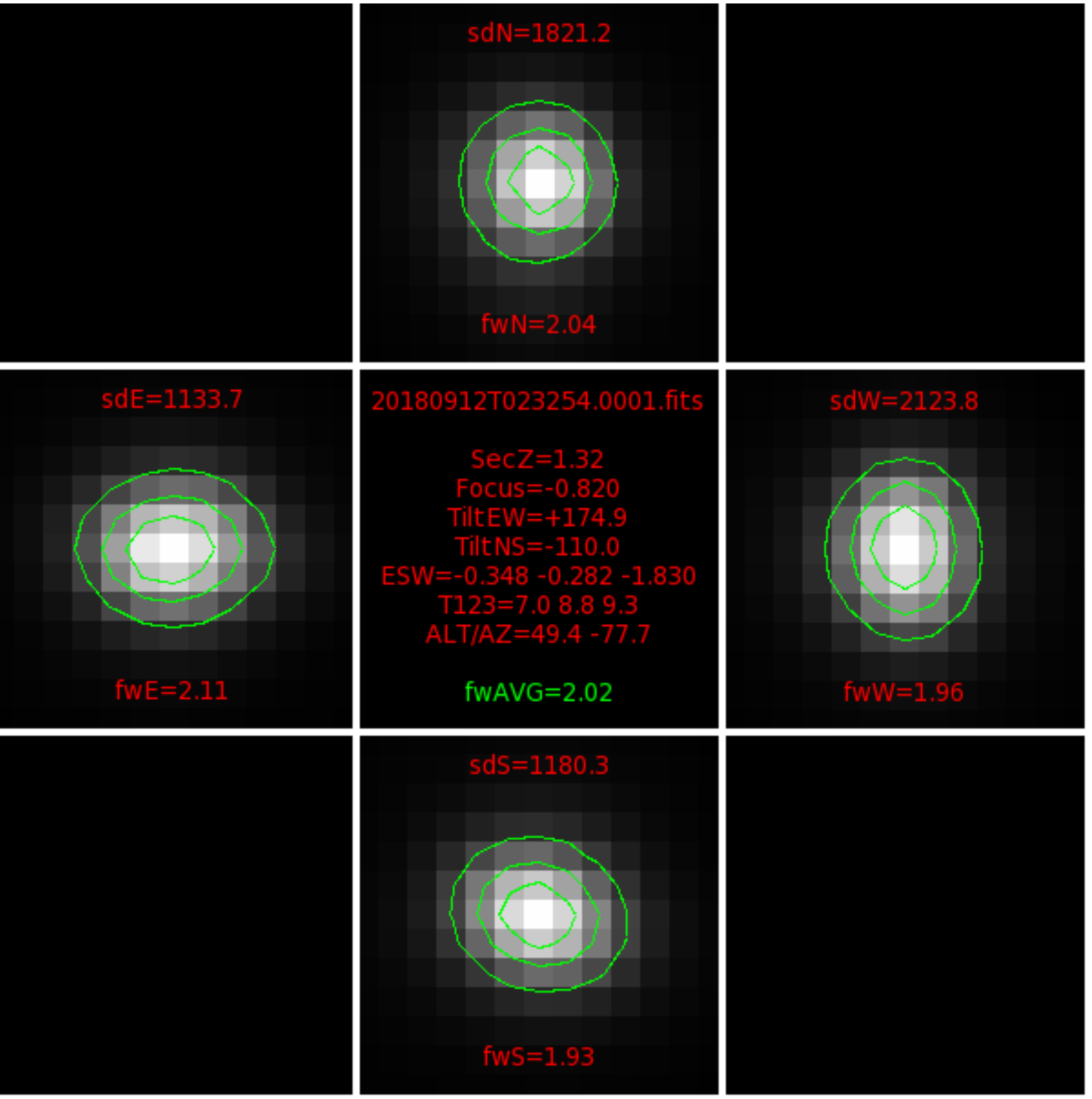
sdN=1821.2
fwN=2.04
sdE=1133.7
fwE=2.11
20180912T023254.0001.fits
SecZ=1.32
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.0 8.8 9.3
ALT/AZ=49.4 -77.7
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sdW=2123.8
fwW=1.96
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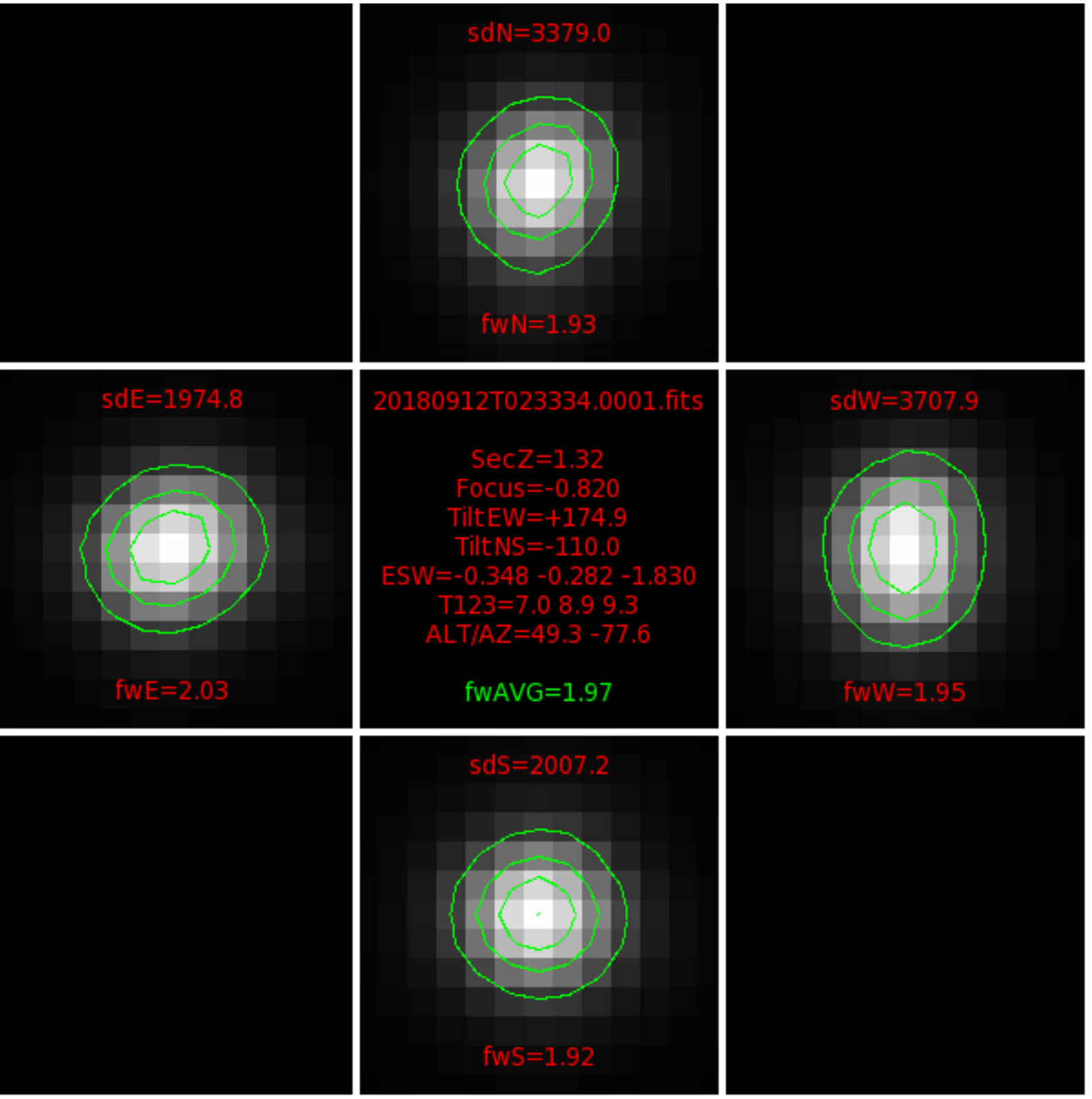
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fwN=1.93
sdE=1974.8
fwE=2.03
20180912T023334.0001.fits
SecZ=1.32
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.0 8.9 9.3
ALT/AZ=49.3 -77.6
fwAVG=1.97
sdW=3707.9
fwW=1.95
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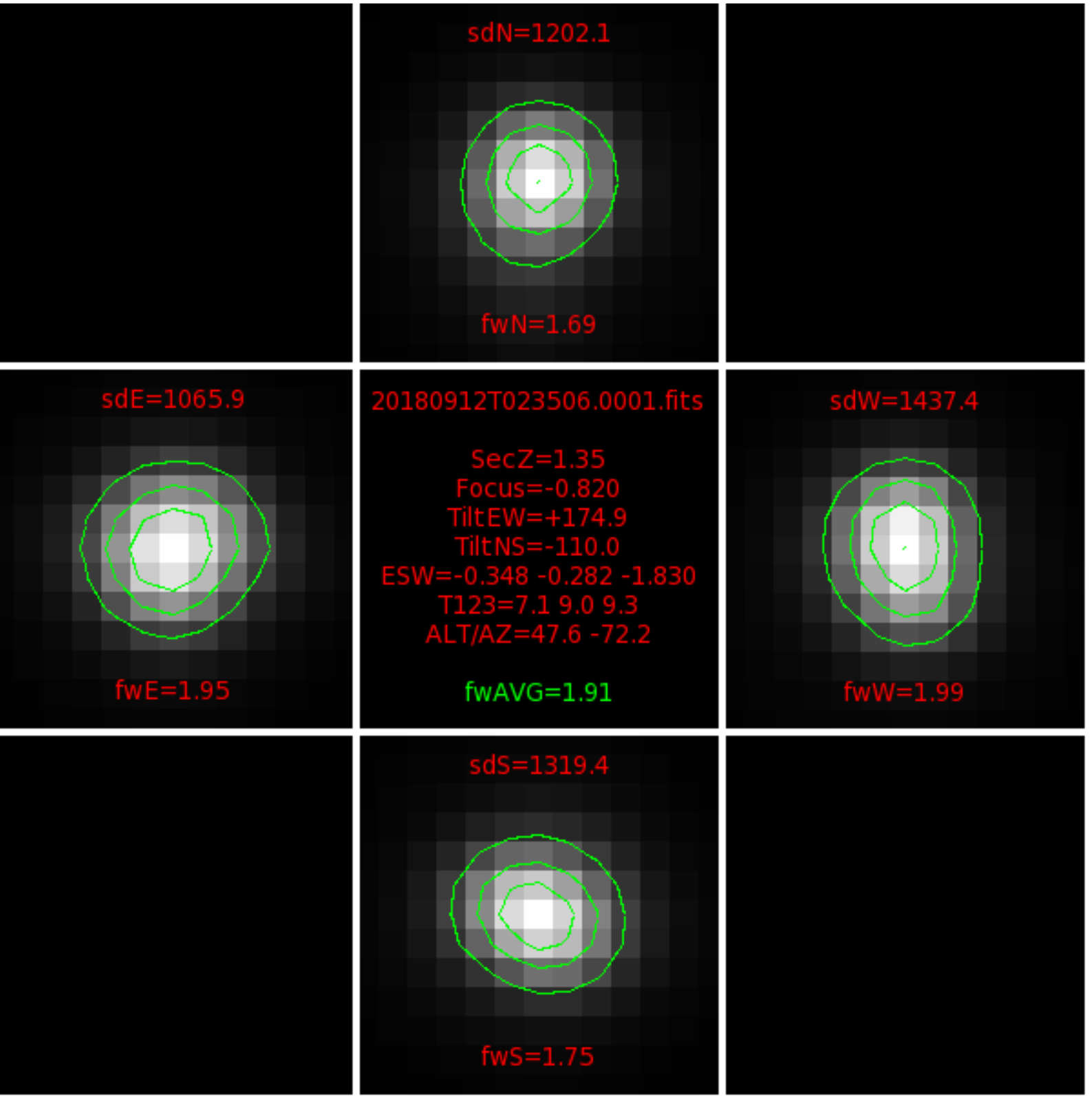
sdN=1202.1
fwN=1.69
sdE=1065.9
fwE=1.95
20180912T023506.0001.fits
SecZ=1.35
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.1 9.0 9.3
ALT/AZ=47.6 -72.2
fwAVG=1.91
sdW=1437.4
fwW=1.99
sdS=1319.4
fwS=1.75
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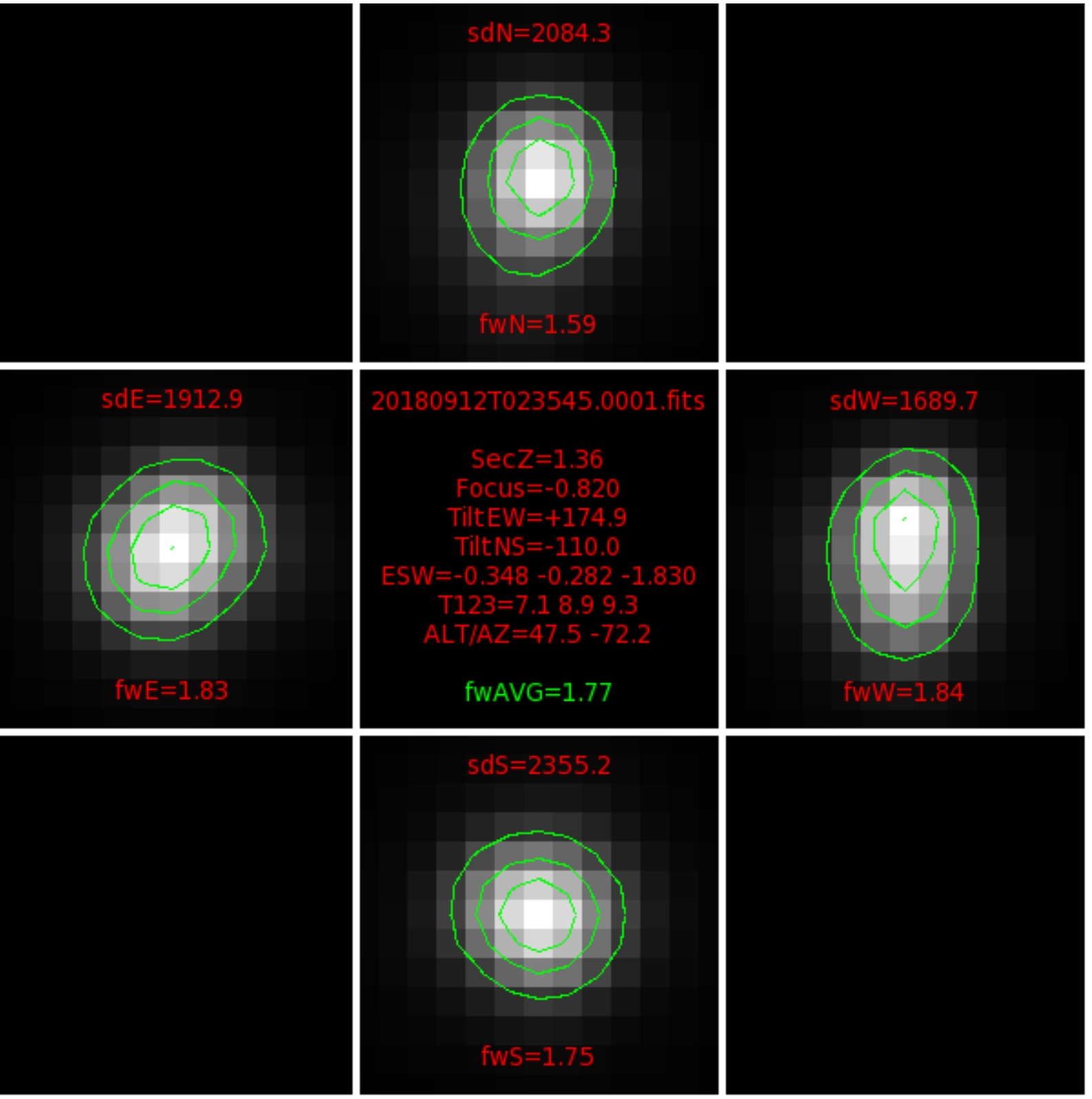
sdN=2084.3
fwN=1.59
sdE=1912.9
fwE=1.83
20180912T023545.0001.fits
SecZ=1.36
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.1 8.9 9.3
ALT/AZ=47.5 -72.2
fwAVG=1.77
sdW=1689.7
fwW=1.84
sdS=2355.2
fwS=1.75
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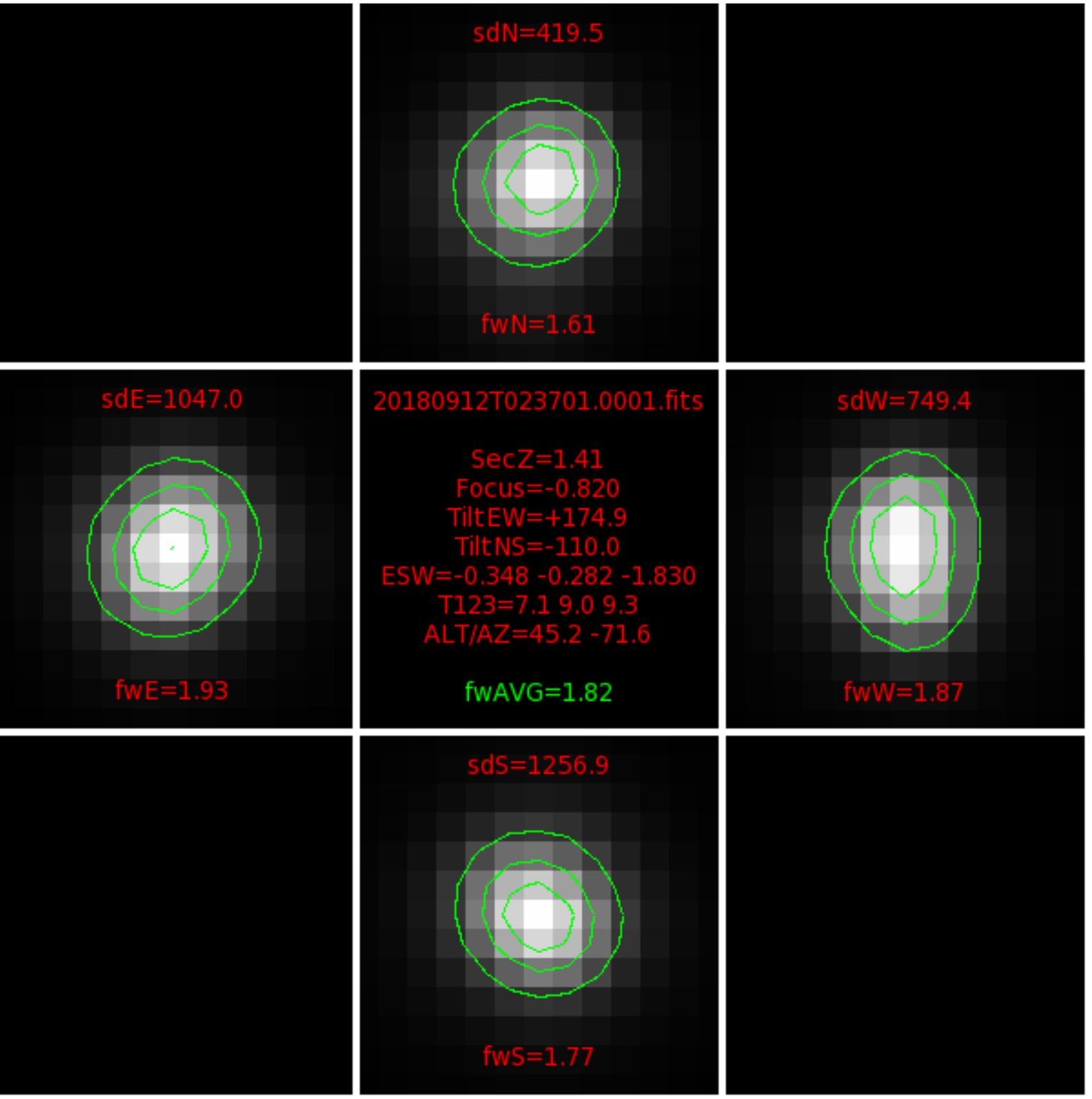
sdN=419.5
fwN=1.61
sdE=1047.0
fwE=1.93
20180912T023701.0001.fits
SecZ=1.41
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.1 9.0 9.3
ALT/AZ=45.2 -71.6
fwAVG=1.82
sdW=749.4
fwW=1.87
sdS=1256.9
fwS=1.77
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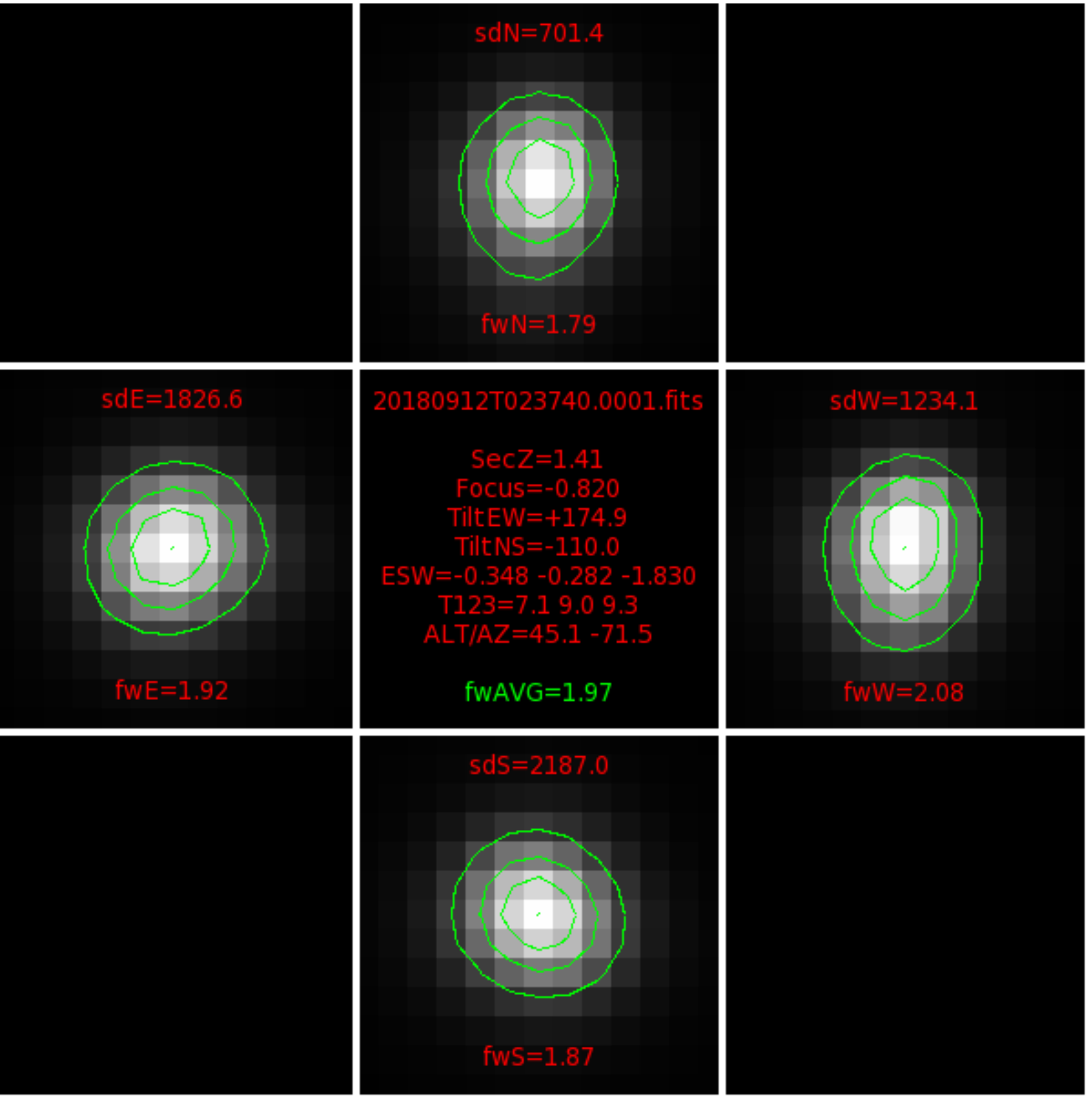
sdN=701.4
fwN=1.79
sdE=1826.6
fwE=1.92
20180912T023740.0001.fits
SecZ=1.41
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.1 9.0 9.3
ALT/AZ=45.1 -71.5
fwAVG=1.97
sdW=1234.1
fwW=2.08
sdS=2187.0
fwS=1.87
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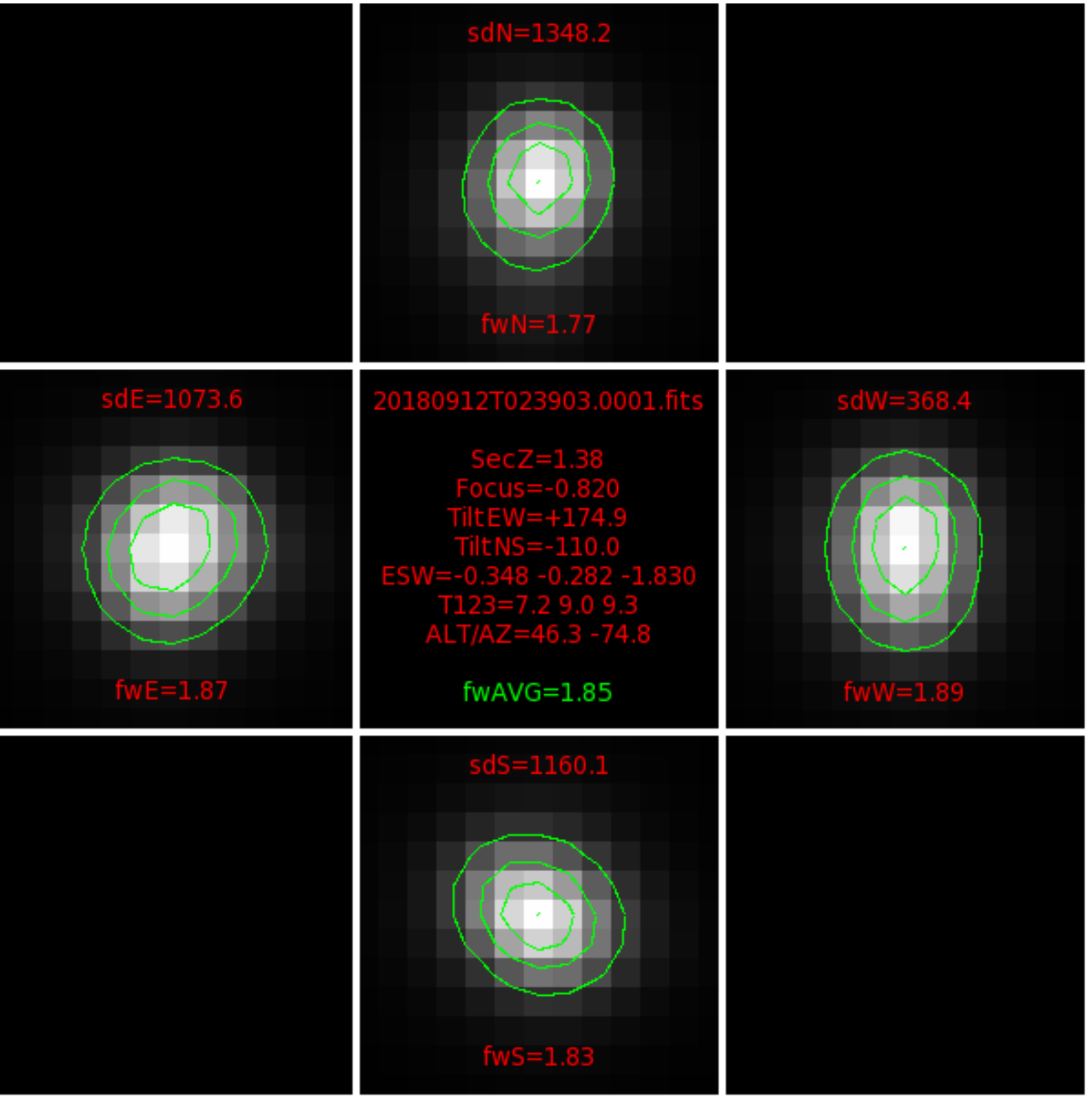
sdN=1348.2
fwN=1.77
sdE=1073.6
fwE=1.87
20180912T023903.0001.fits
SecZ=1.38
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.2 9.0 9.3
ALT/AZ=46.3 -74.8
fwAVG=1.85
sdW=368.4
fwW=1.89
sdS=1160.1
fwS=1.83
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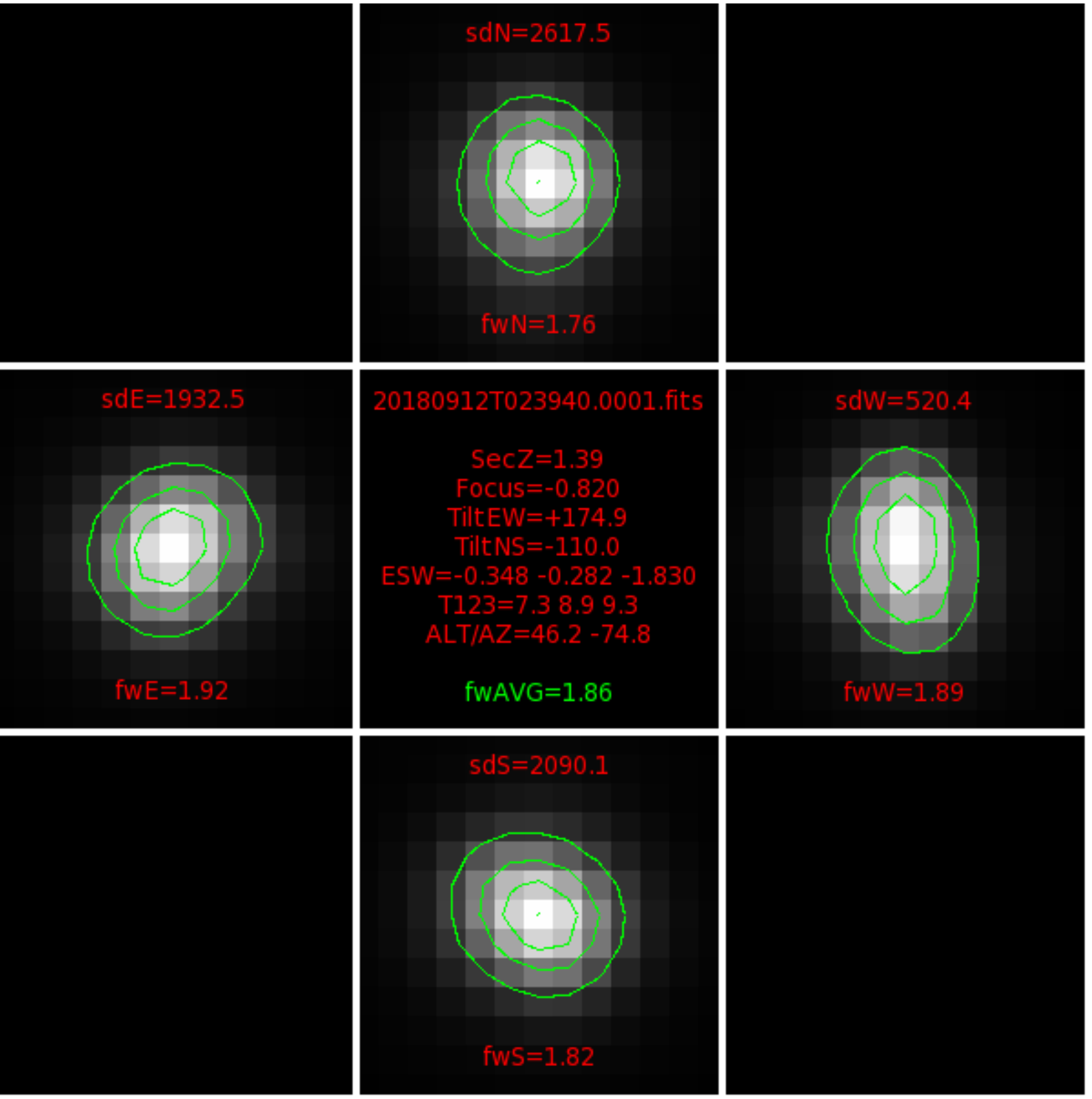
sdN=2617.5
fwN=1.76
sdE=1932.5
fwE=1.92
20180912T023940.0001.fits
SecZ=1.39
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.3 8.9 9.3
ALT/AZ=46.2 -74.8
fwAVG=1.86
sdW=520.4
fwW=1.89
sdS=2090.1
fwS=1.82
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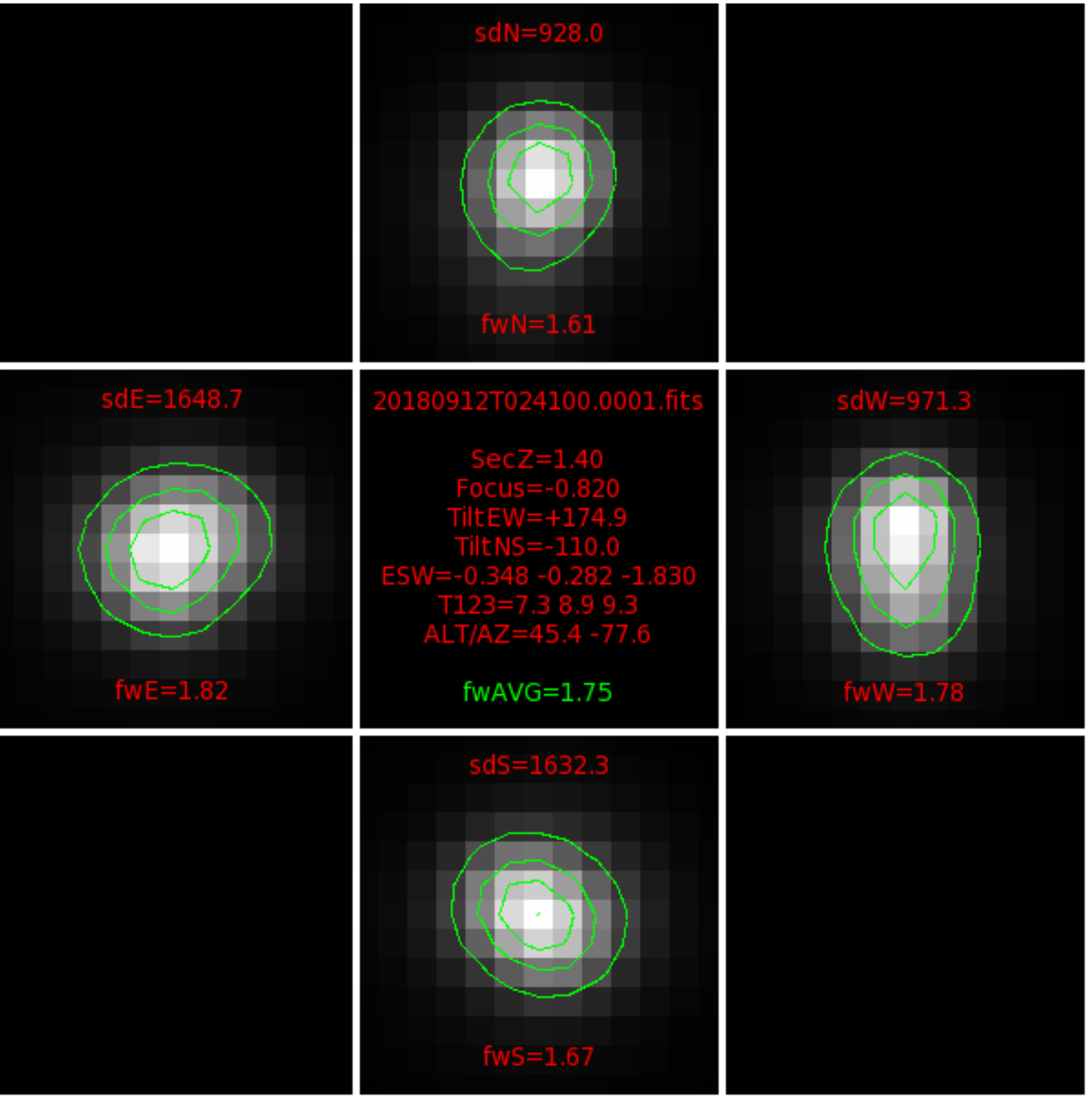
sdN=928.0
fwN=1.61
sdE=1648.7
fwE=1.82
20180912T024100.0001.fits
SecZ=1.40
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.3 8.9 9.3
ALT/AZ=45.4 -77.6
fwAVG=1.75
sdW=971.3
fwW=1.78
sdS=1632.3
fwS=1.67
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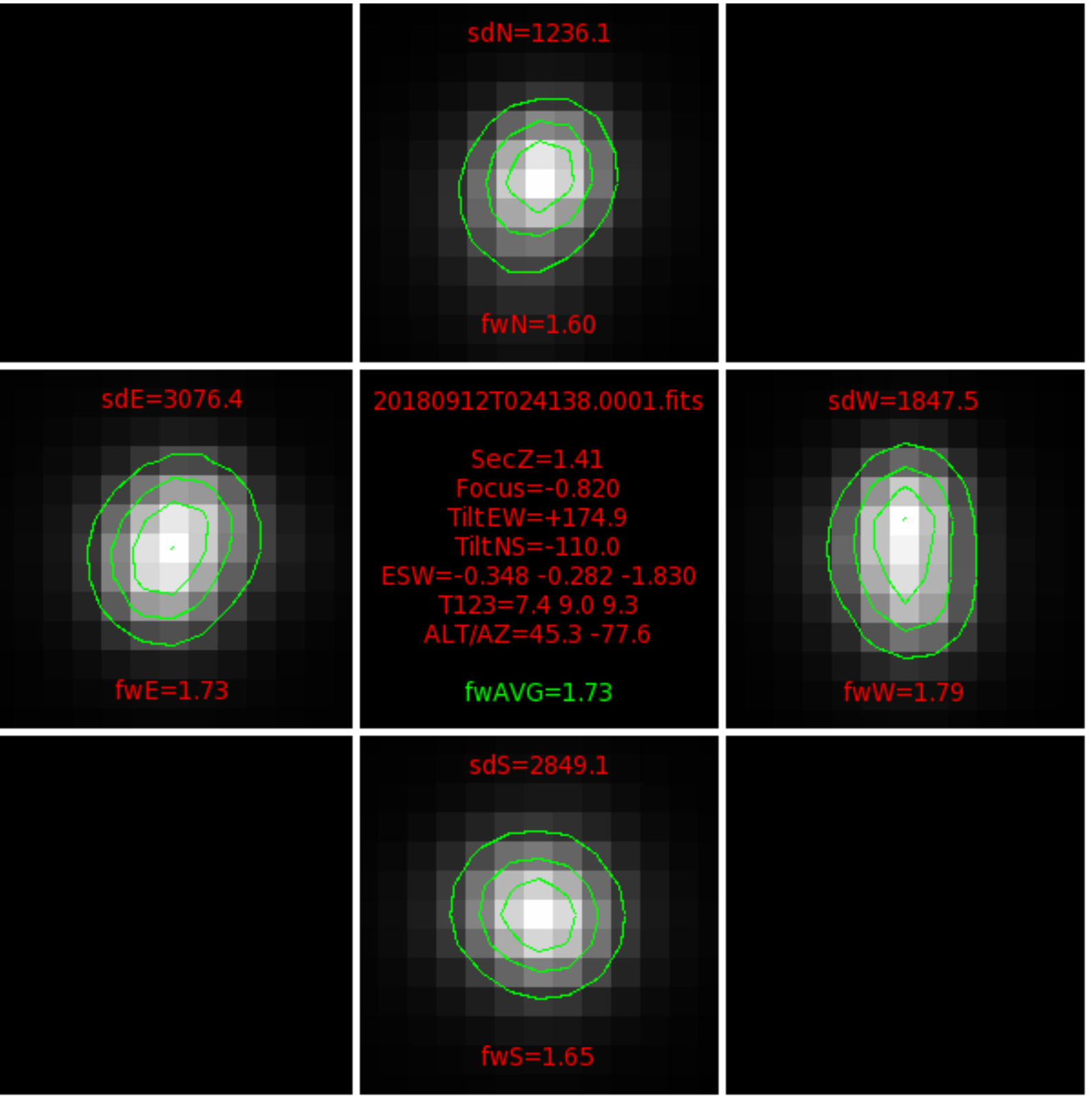
sdN=1236.1
fwN=1.60
sdE=3076.4
fwE=1.73
20180912T024138.0001.fits
SecZ=1.41
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.4 9.0 9.3
ALT/AZ=45.3 -77.6
fwAVG=1.73
sdW=1847.5
fwW=1.79
sdS=2849.1
fwS=1.65
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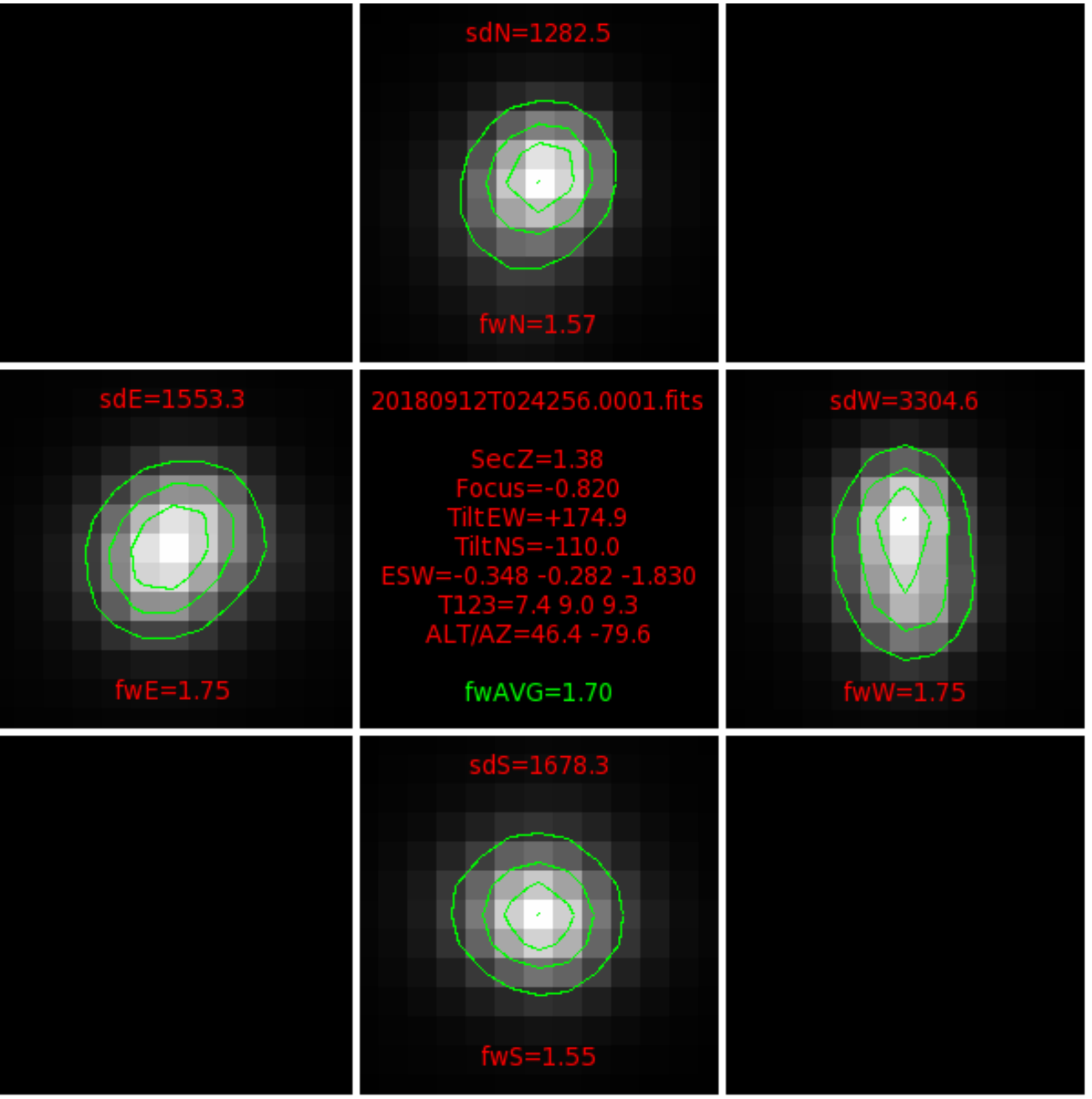
sdN=1282.5
fwN=1.57
sdE=1553.3
fwE=1.75
20180912T024256.0001.fits
SecZ=1.38
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.4 9.0 9.3
ALT/AZ=46.4 -79.6
fwAVG=1.70
sdW=3304.6
fwW=1.75
sdS=1678.3
fwS=1.55
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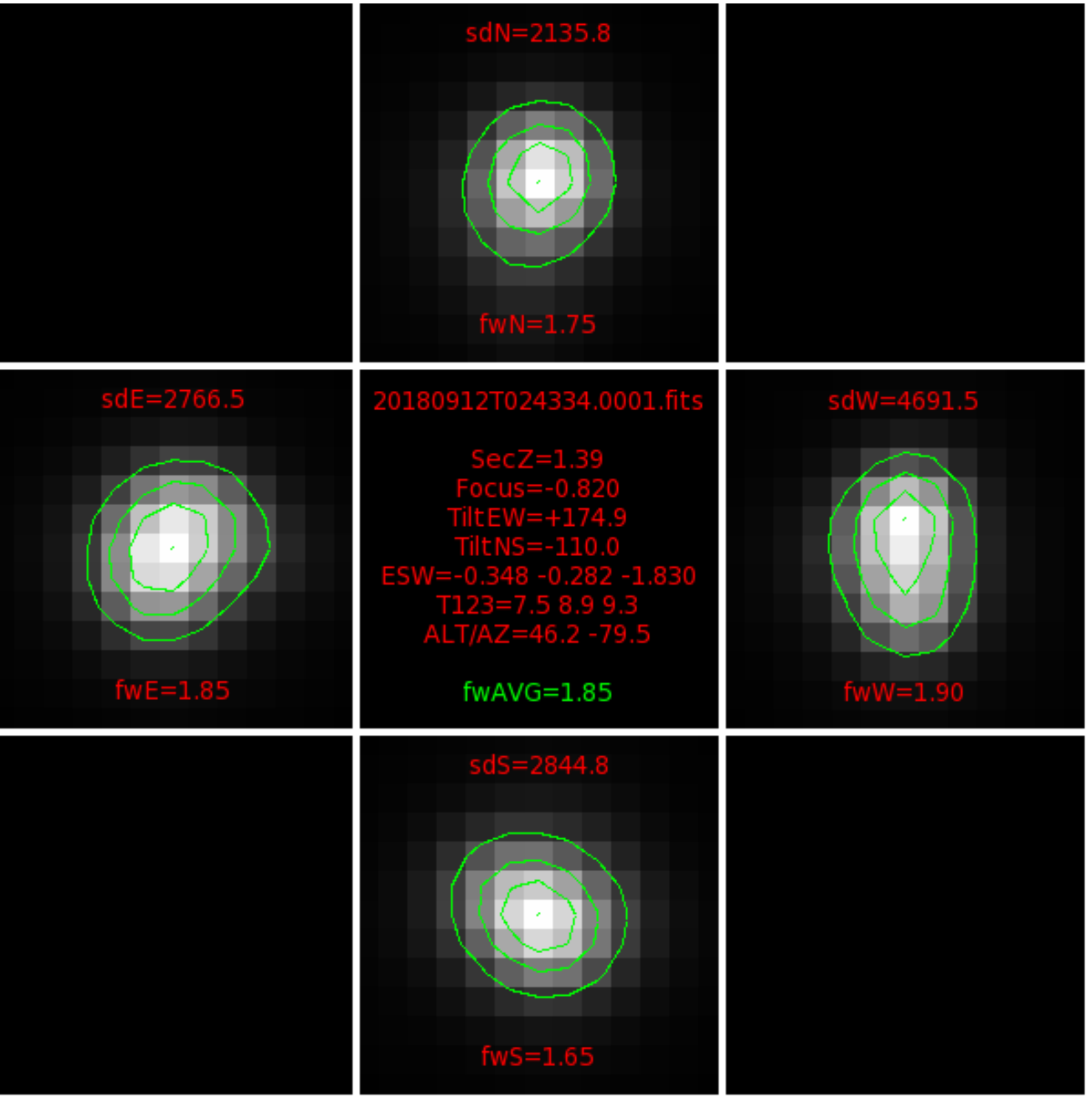
sdN=2135.8
fwN=1.75
sdE=2766.5
fwE=1.85
20180912T024334.0001.fits
SecZ=1.39
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.5 8.9 9.3
ALT/AZ=46.2 -79.5
fwAVG=1.85
sdW=4691.5
fwW=1.90
sdS=2844.8
fwS=1.65
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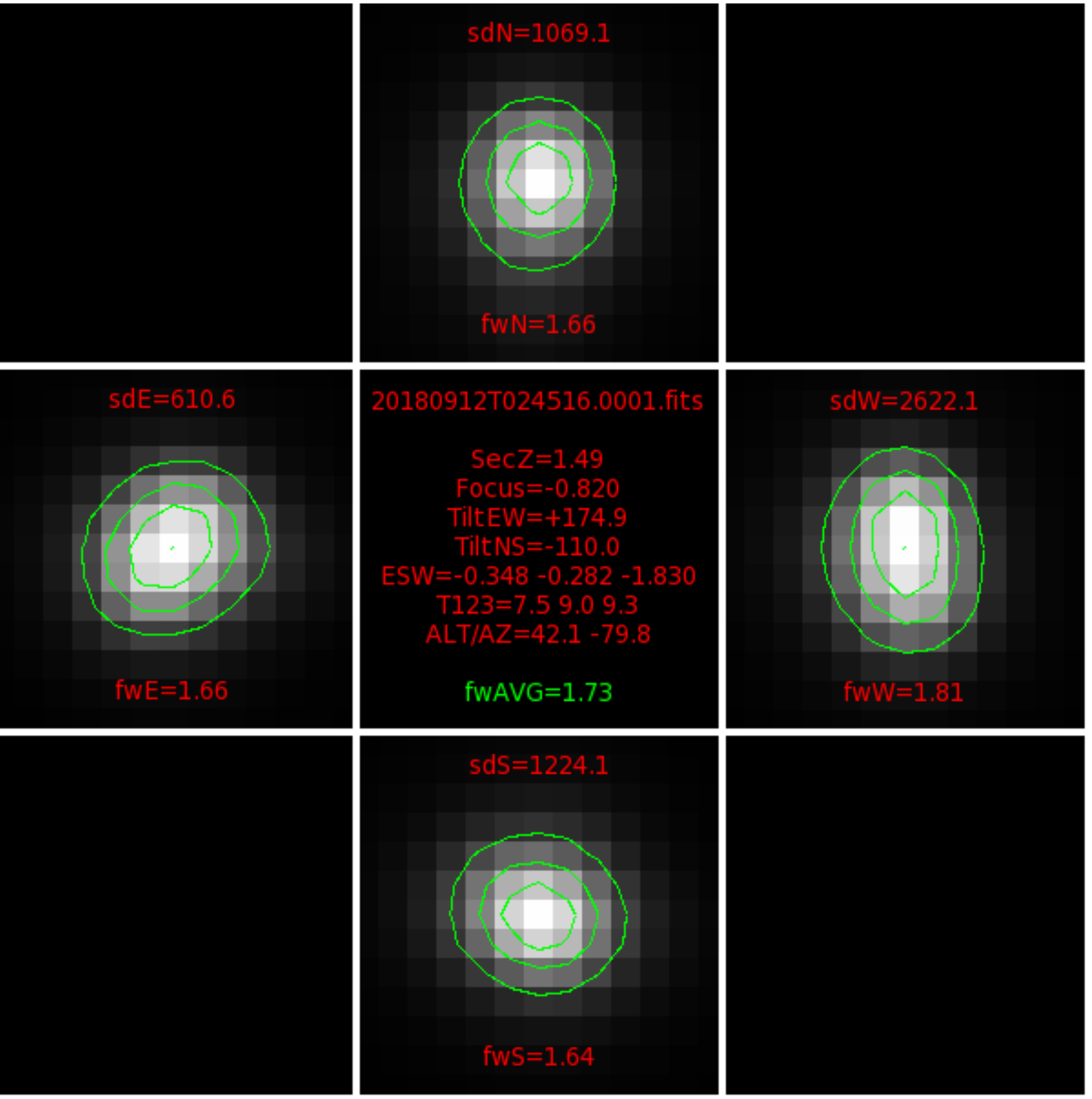
sdN=1069.1
fwN=1.66
sdE=610.6
fwE=1.66
20180912T024516.0001.fits
SecZ=1.49
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.5 9.0 9.3
ALT/AZ=42.1 -79.8
fwAVG=1.73
sdW=2622.1
fwW=1.81
sdS=1224.1
fwS=1.64
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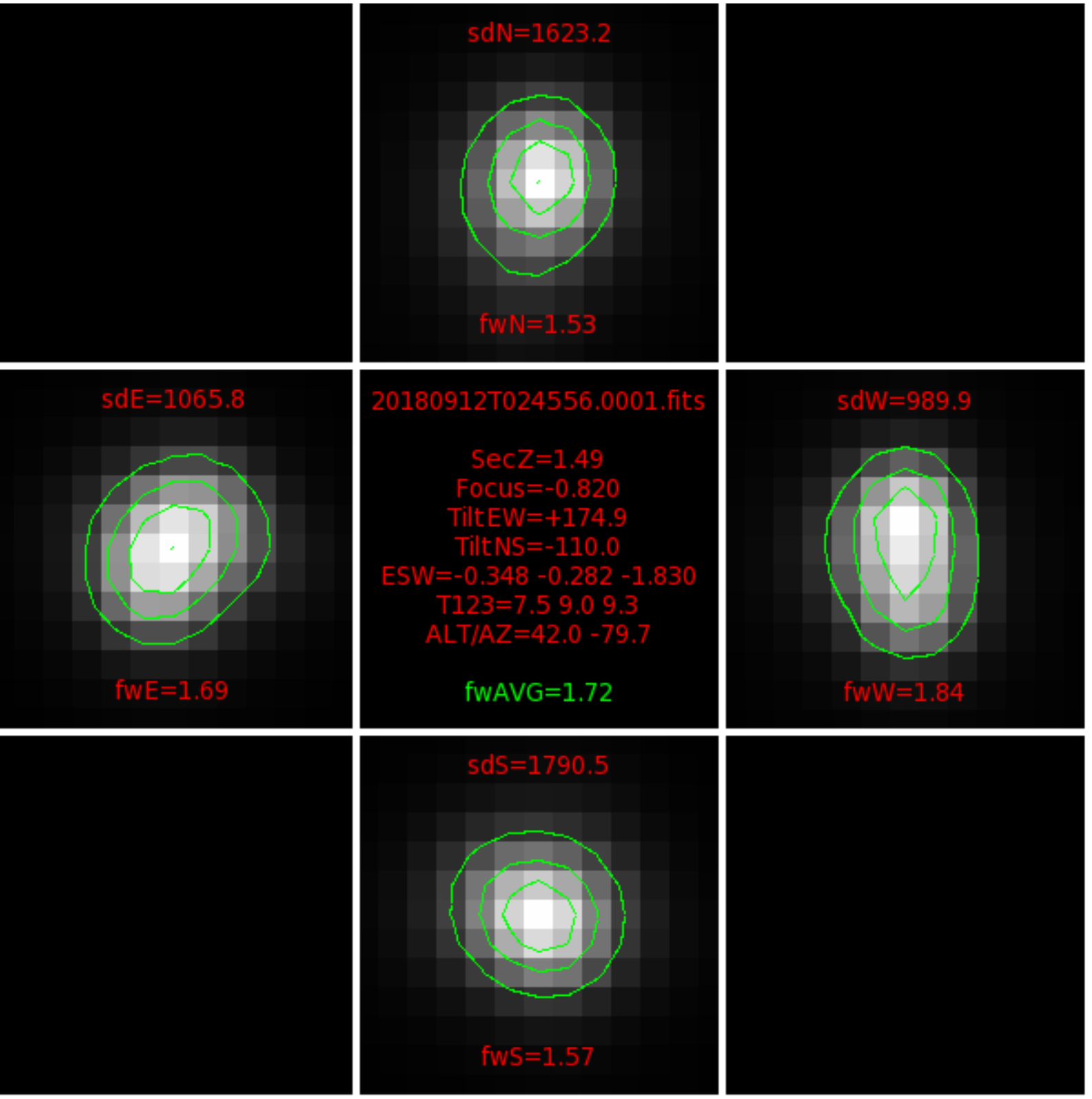
sdN=1623.2
fwN=1.53
sdE=1065.8
fwE=1.69
20180912T024556.0001.fits
SecZ=1.49
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.5 9.0 9.3
ALT/AZ=42.0 -79.7
fwAVG=1.72
sdW=989.9
fwW=1.84
sdS=1790.5
fwS=1.57
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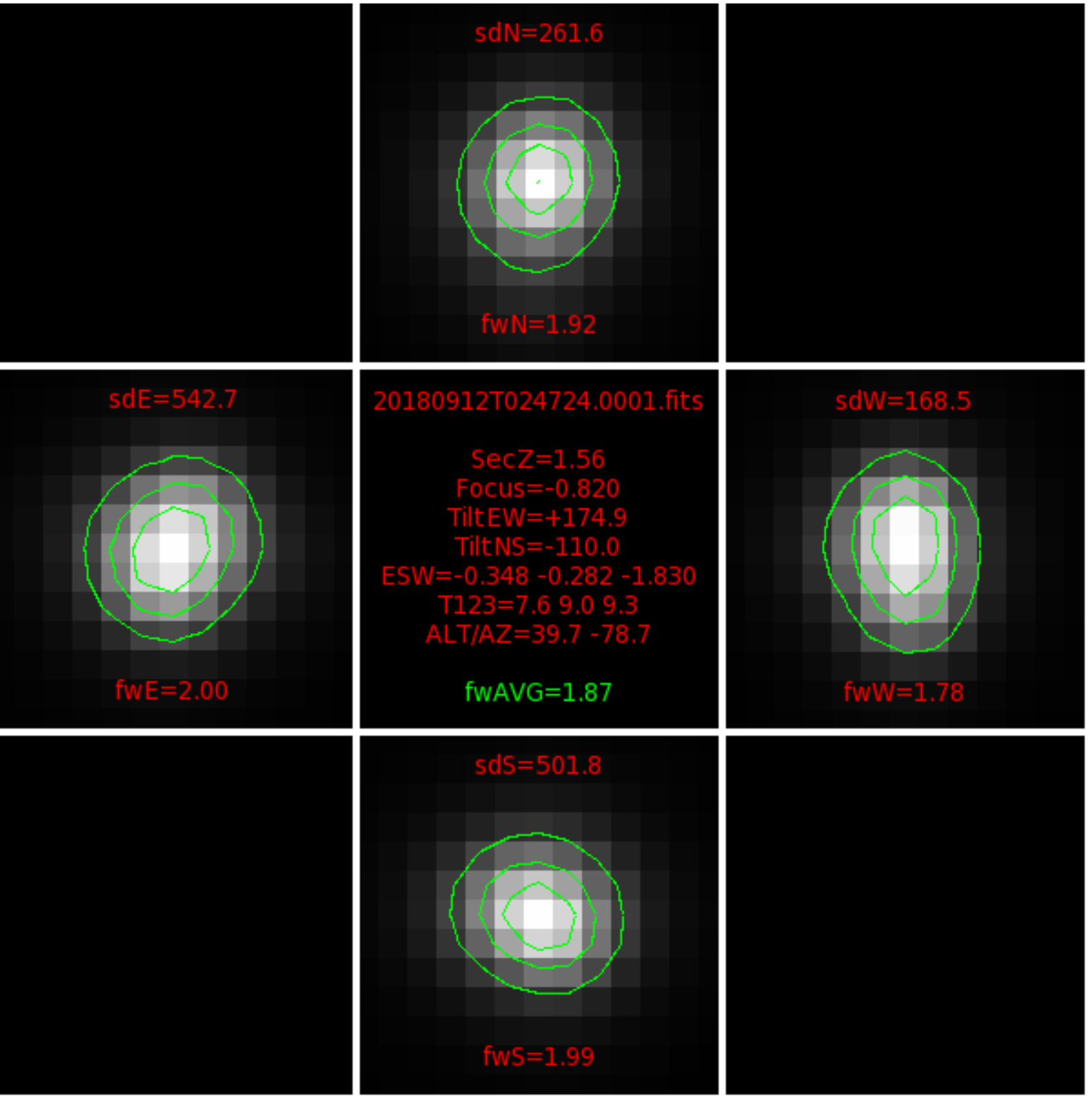
sdN=261.6
fwN=1.92
sdE=542.7
fwE=2.00
20180912T024724.0001.fits
SecZ=1.56
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.6 9.0 9.3
ALT/AZ=39.7 -78.7
fwAVG=1.87
sdW=168.5
fwW=1.78
sdS=501.8
fwS=1.99
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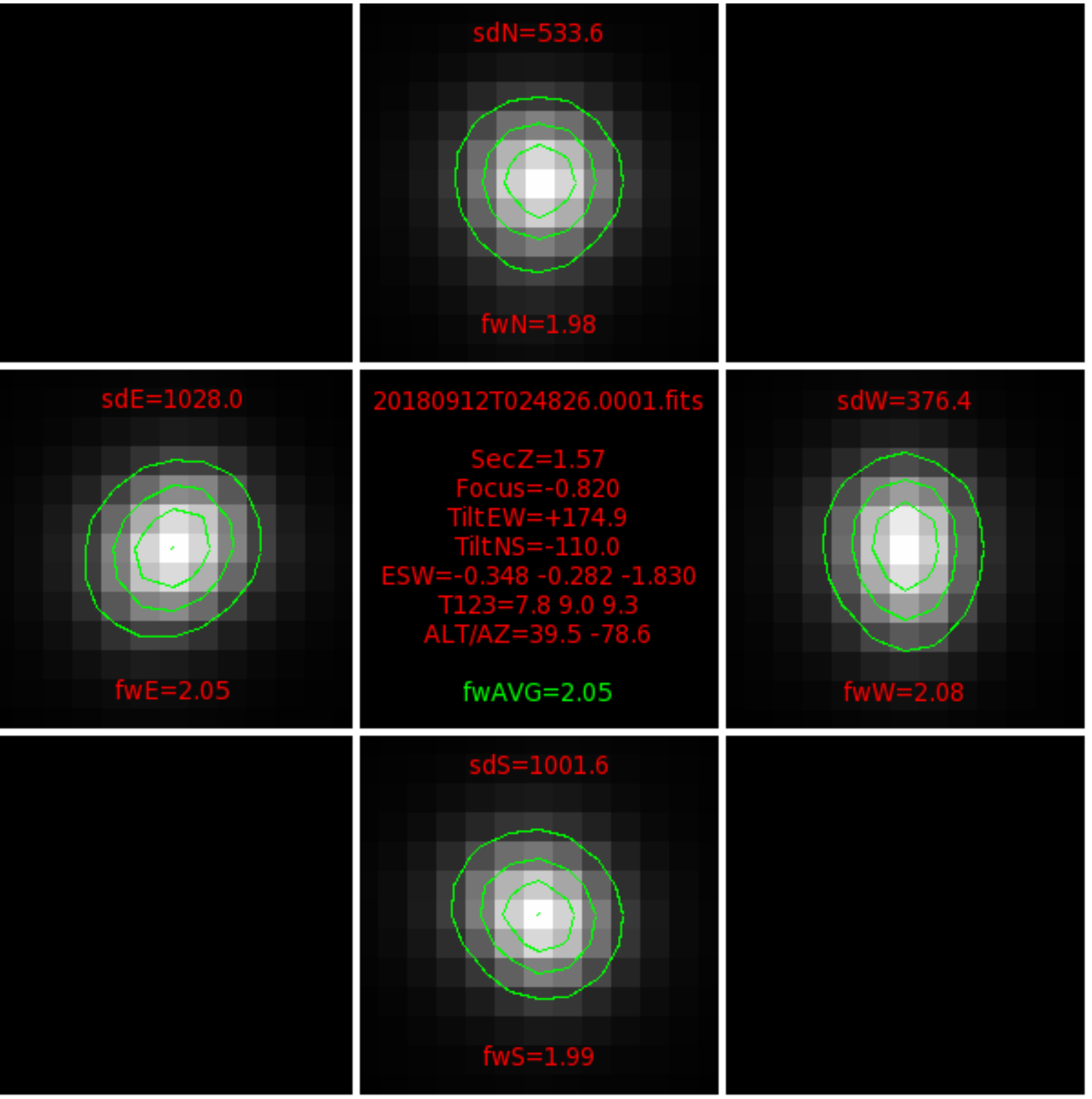
sdN=533.6
fwN=1.98
sdE=1028.0
fwE=2.05
20180912T024826.0001.fits
SecZ=1.57
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.8 9.0 9.3
ALT/AZ=39.5 -78.6
fwAVG=2.05
sdW=376.4
fwW=2.08
sdS=1001.6
fwS=1.99
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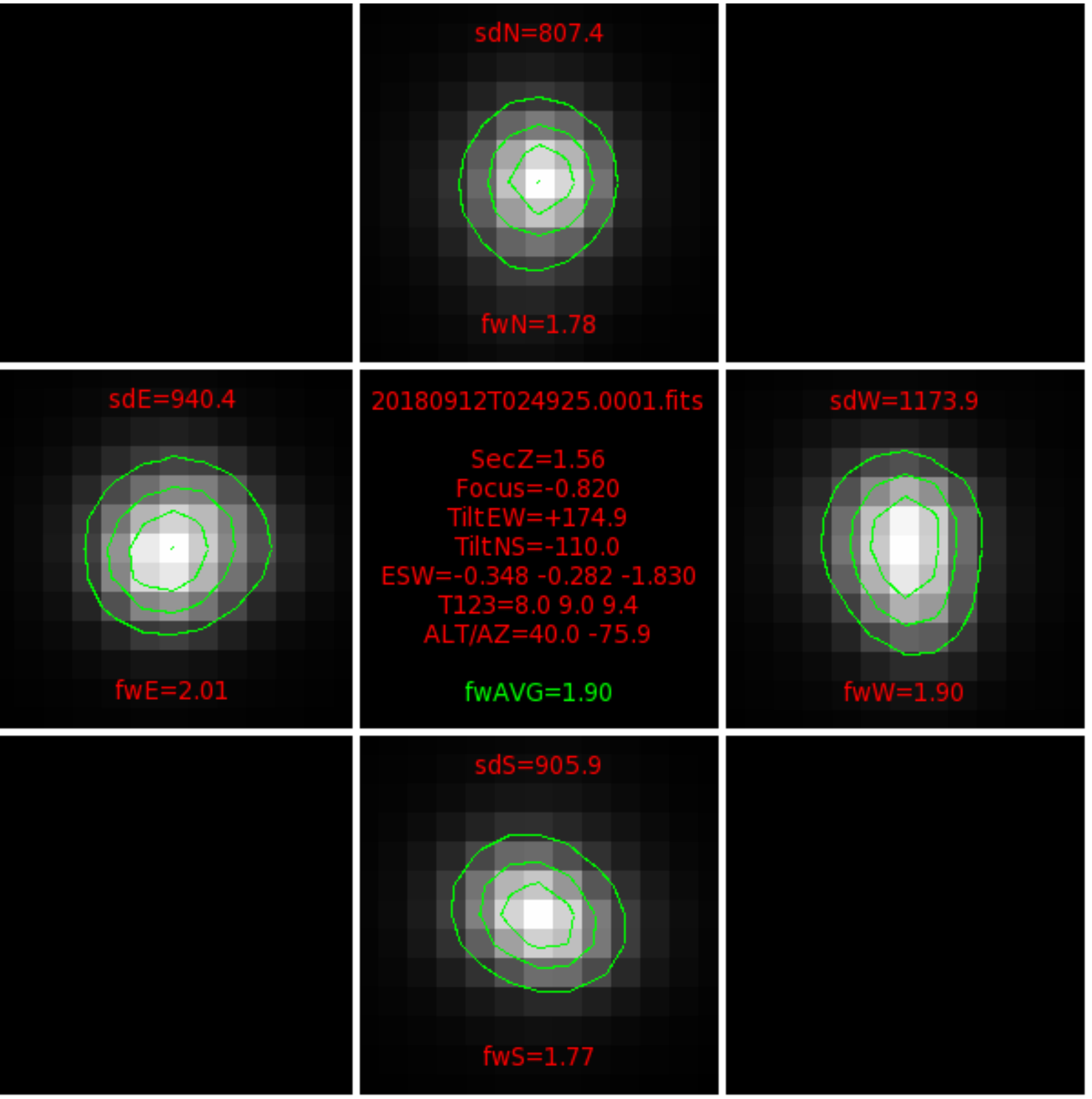
sdN=807.4
fwN=1.78
sdE=940.4
fwE=2.01
20180912T024925.0001.fits
SecZ=1.56
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.4
ALT/AZ=40.0 -75.9
fwAVG=1.90
sdW=1173.9
fwW=1.90
sdS=905.9
fwS=1.77
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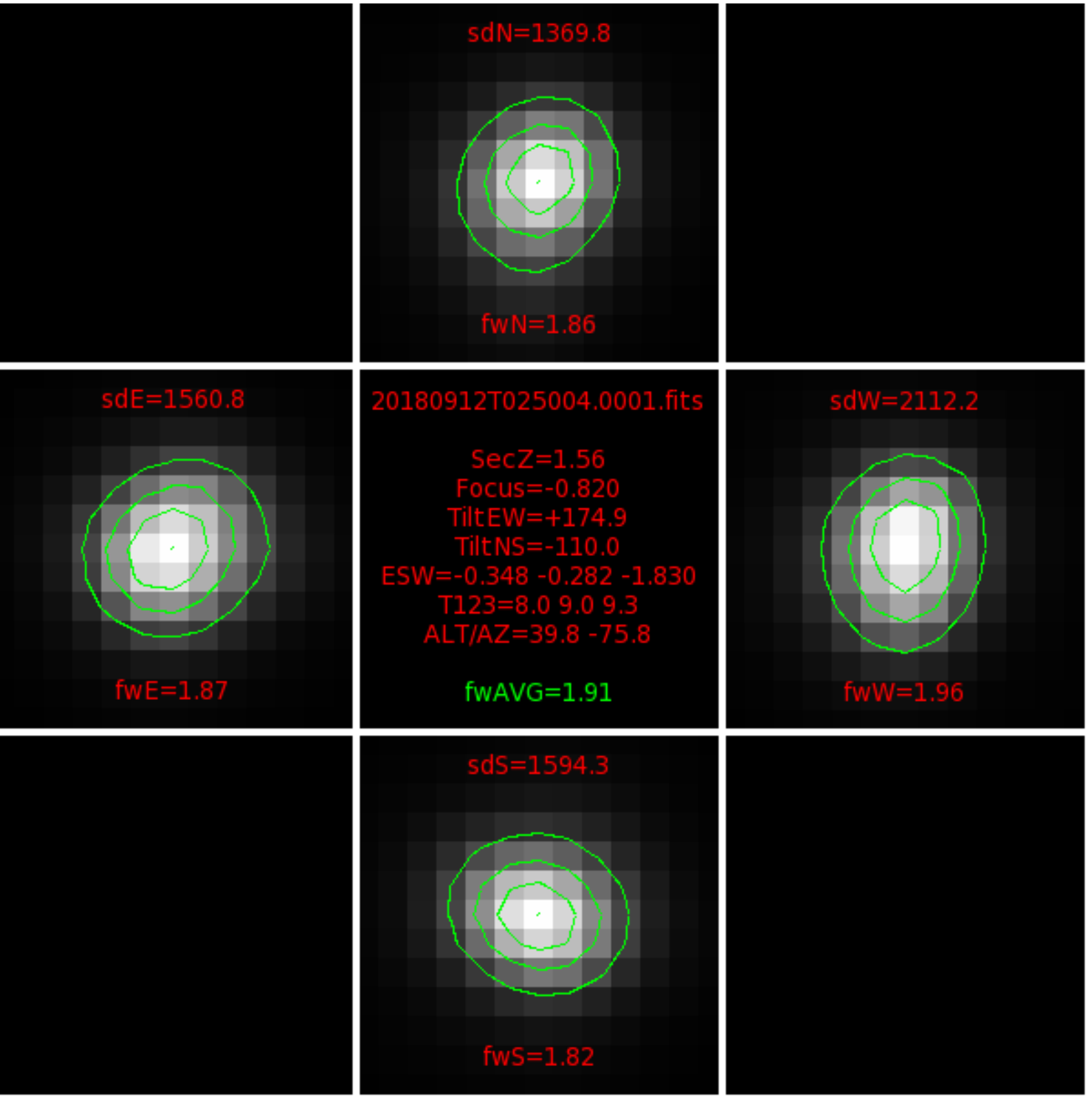
sdN=1369.8
fwN=1.86
sdE=1560.8
fwE=1.87
20180912T025004.0001.fits
SecZ=1.56
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.3
ALT/AZ=39.8 -75.8
fwAVG=1.91
sdW=2112.2
fwW=1.96
sdS=1594.3
fwS=1.82
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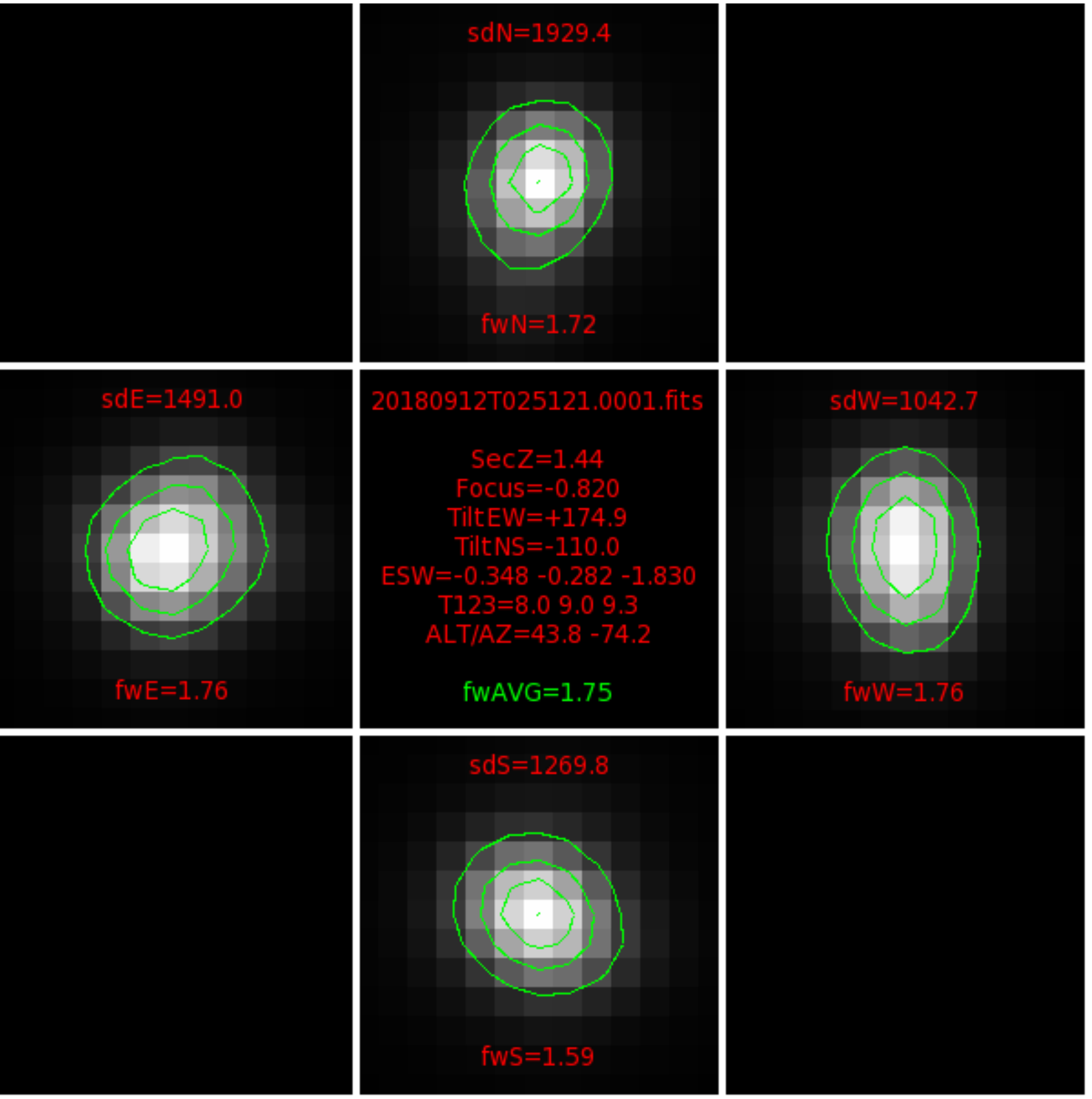
sdN=1929.4
fwN=1.72
sdE=1491.0
fwE=1.76
20180912T025121.0001.fits
SecZ=1.44
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.3
ALT/AZ=43.8 -74.2
fwAVG=1.75
sdW=1042.7
fwW=1.76
sdS=1269.8
fwS=1.59
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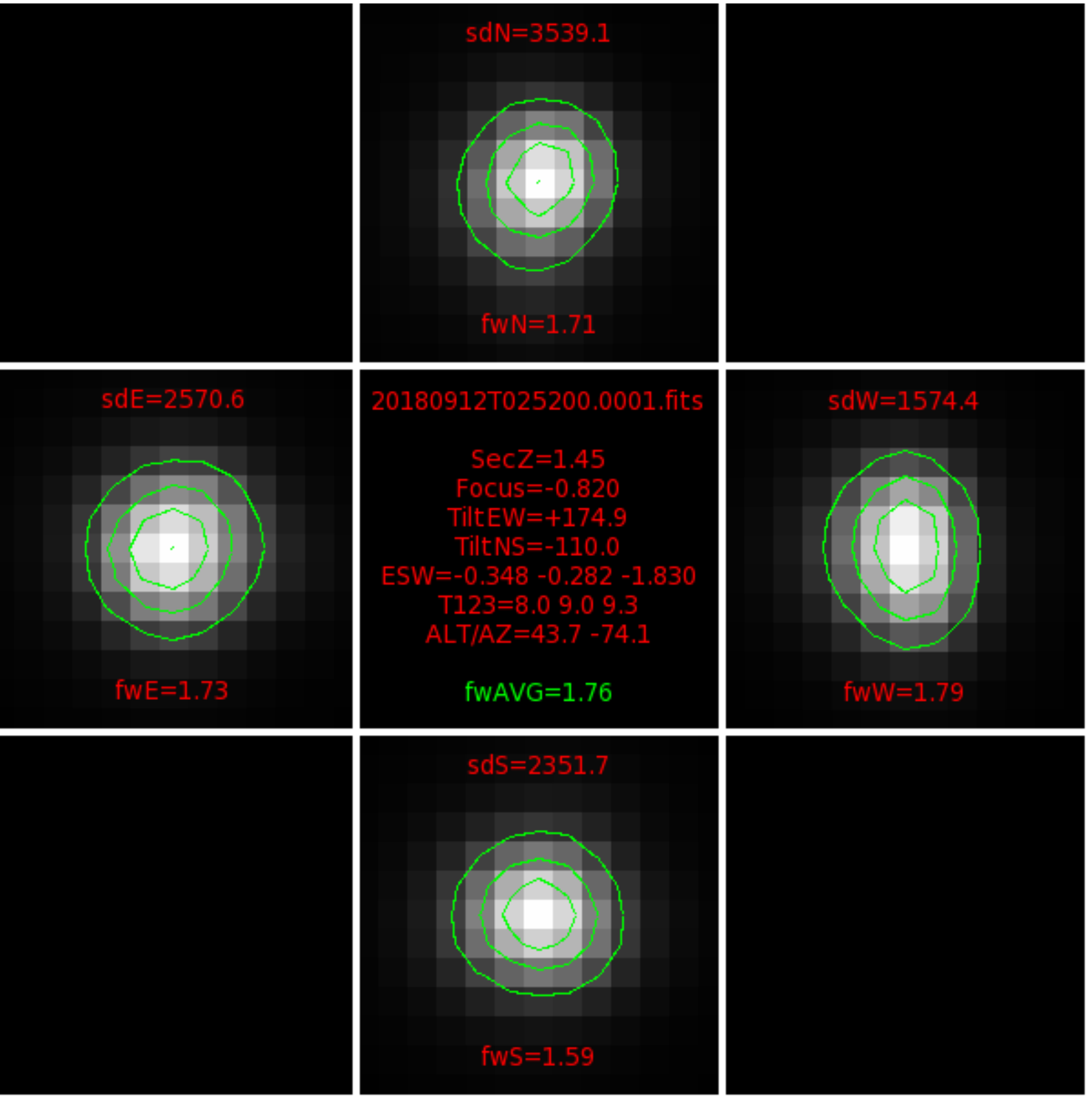
sdN=3539.1
fwN=1.71
sdE=2570.6
fwE=1.73
20180912T025200.0001.fits
SecZ=1.45
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.3
ALT/AZ=43.7 -74.1
fwAVG=1.76
sdW=1574.4
fwW=1.79
sdS=2351.7
fwS=1.59
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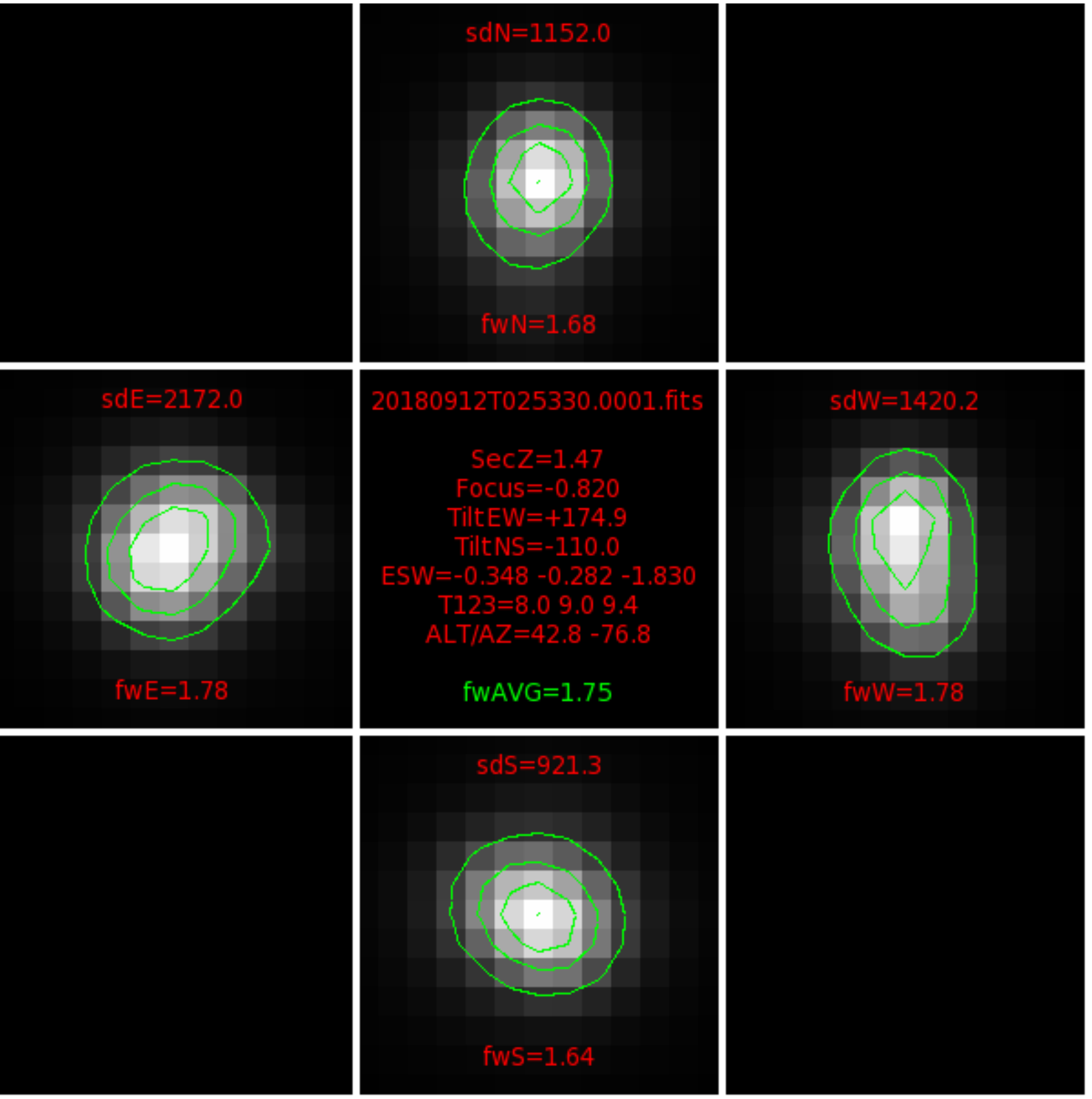
sdN=1152.0
fwN=1.68
sdE=2172.0
fwE=1.78
20180912T025330.0001.fits
SecZ=1.47
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.4
ALT/AZ=42.8 -76.8
fwAVG=1.75
sdW=1420.2
fwW=1.78
sdS=921.3
fwS=1.64
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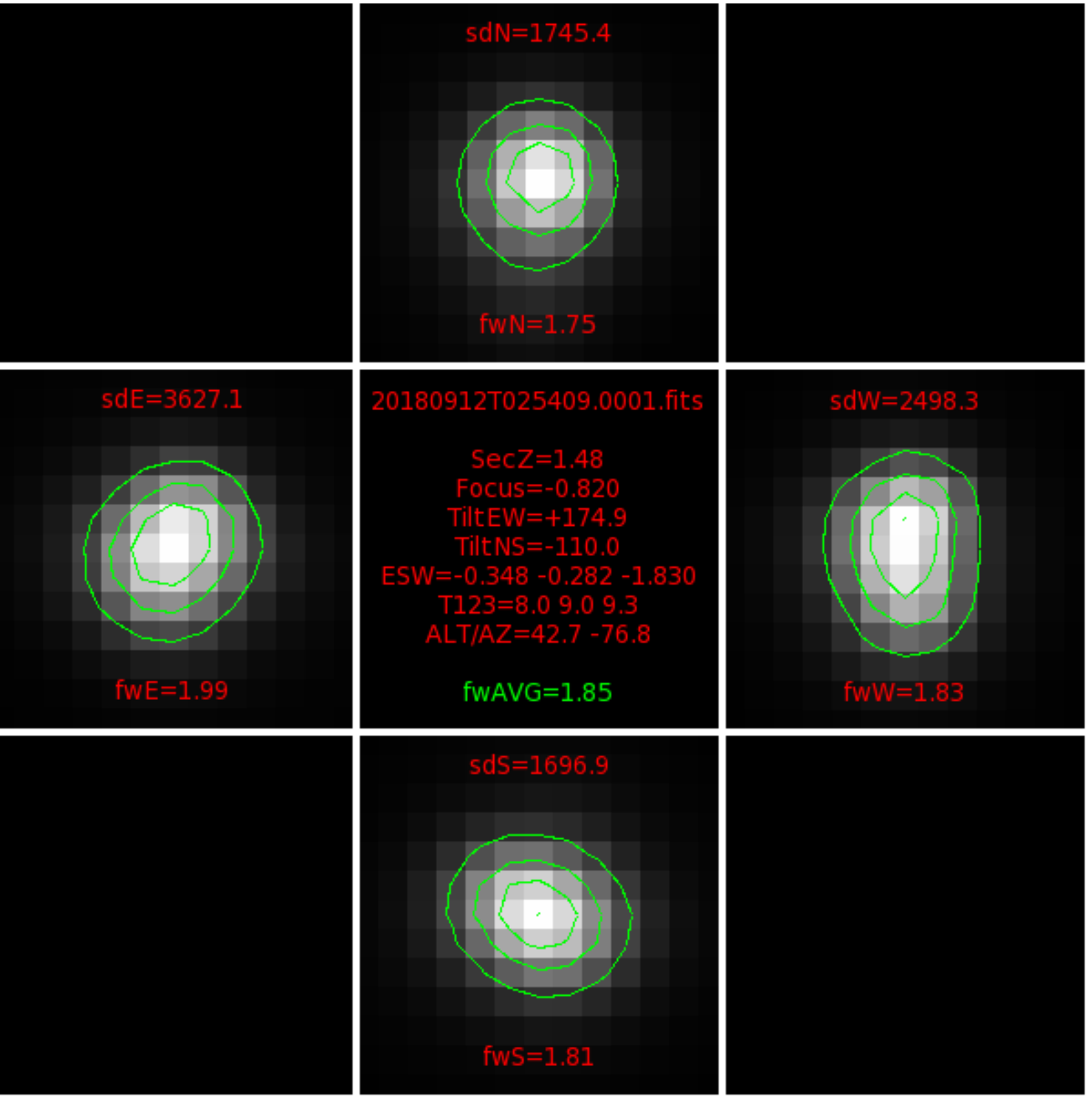
sdN=1745.4
fwN=1.75
sdE=3627.1
fwE=1.99
20180912T025409.0001.fits
SecZ=1.48
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.3
ALT/AZ=42.7 -76.8
fwAVG=1.85
sdW=2498.3
fwW=1.83
sdS=1696.9
fwS=1.81
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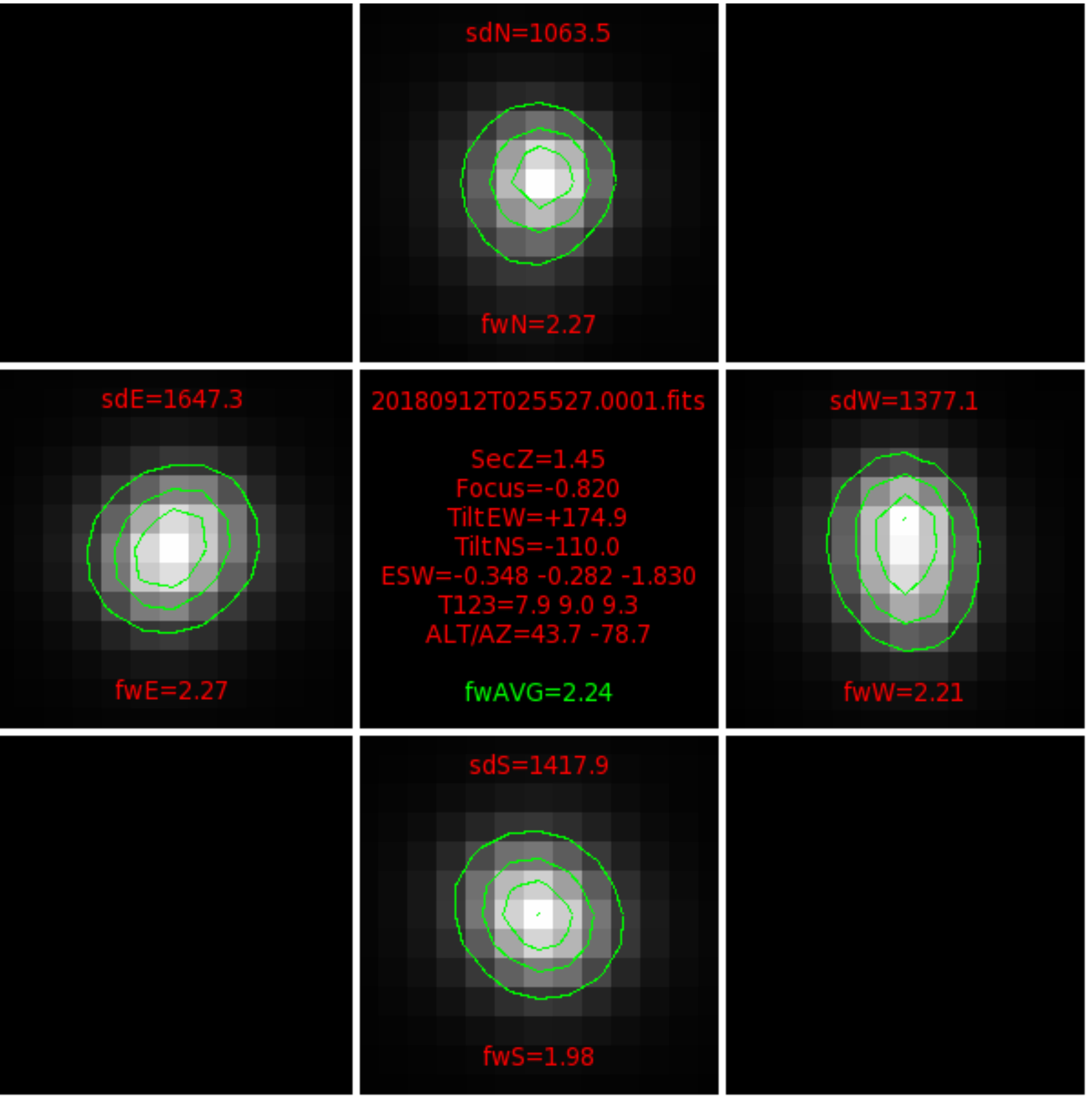
sdN=1063.5
fwN=2.27
sdE=1647.3
fwE=2.27
20180912T025527.0001.fits
SecZ=1.45
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.9 9.0 9.3
ALT/AZ=43.7 -78.7
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sdW=1377.1
fwW=2.21
sdS=1417.9
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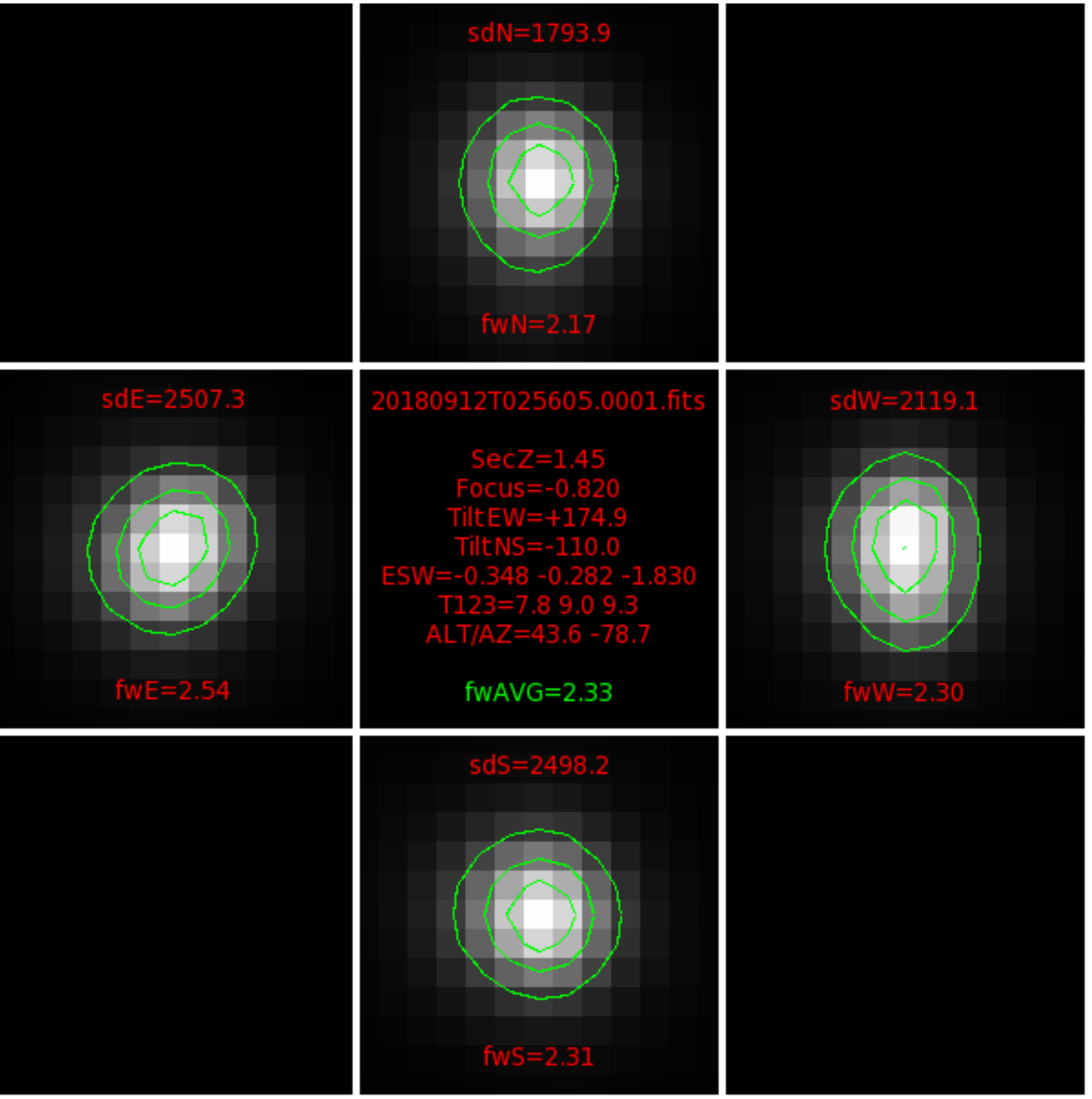
sdN=1793.9
fwN=2.17
sdE=2507.3
fwE=2.54
20180912T025605.0001.fits
SecZ=1.45
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.8 9.0 9.3
ALT/AZ=43.6 -78.7
fwAVG=2.33
sdW=2119.1
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sdS=2498.2
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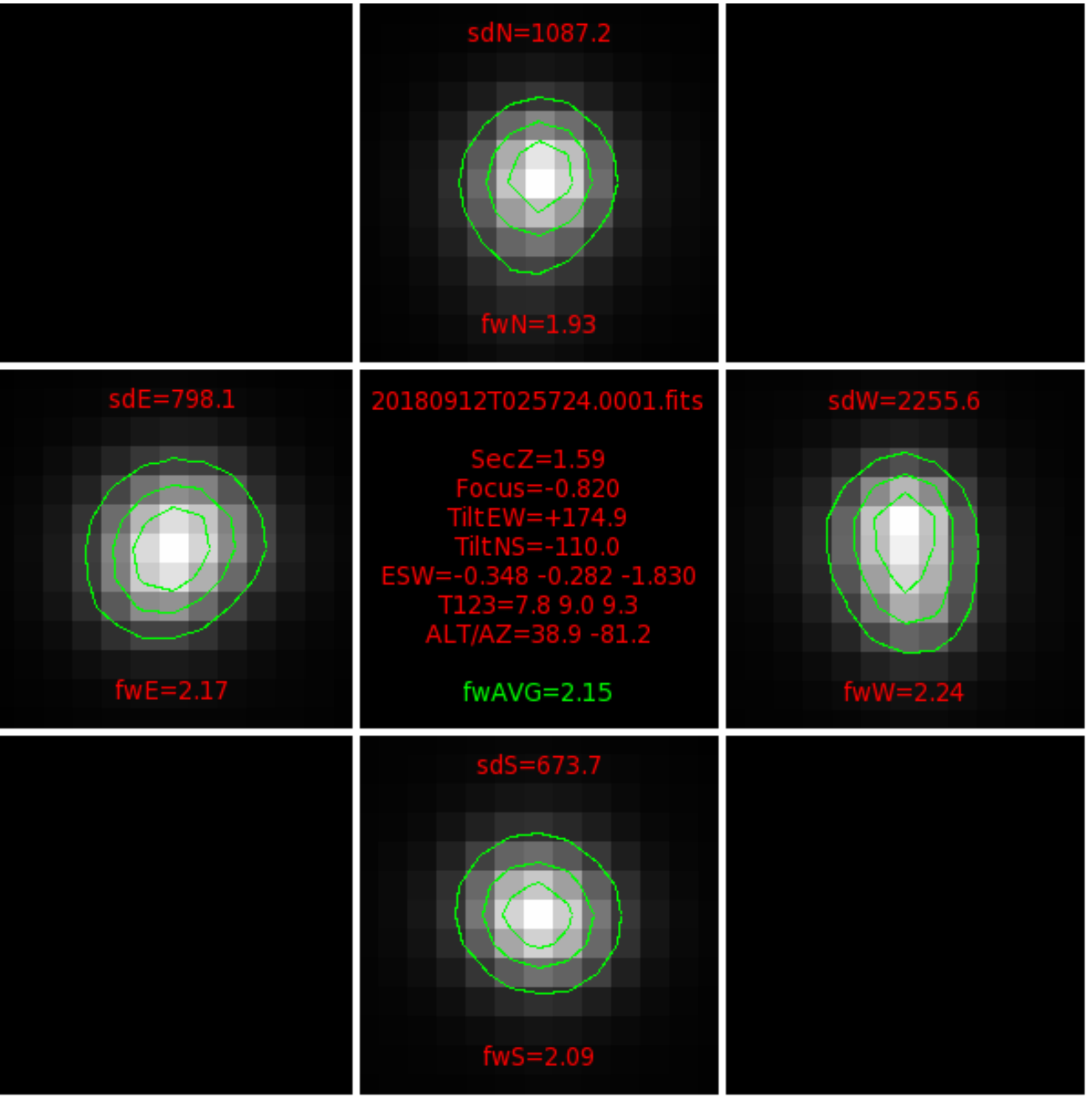
sdN=1087.2
fwN=1.93
sdE=798.1
fwE=2.17
20180912T025724.0001.fits
SecZ=1.59
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.8 9.0 9.3
ALT/AZ=38.9 -81.2
fwAVG=2.15
sdW=2255.6
fwW=2.24
sdS=673.7
fwS=2.09
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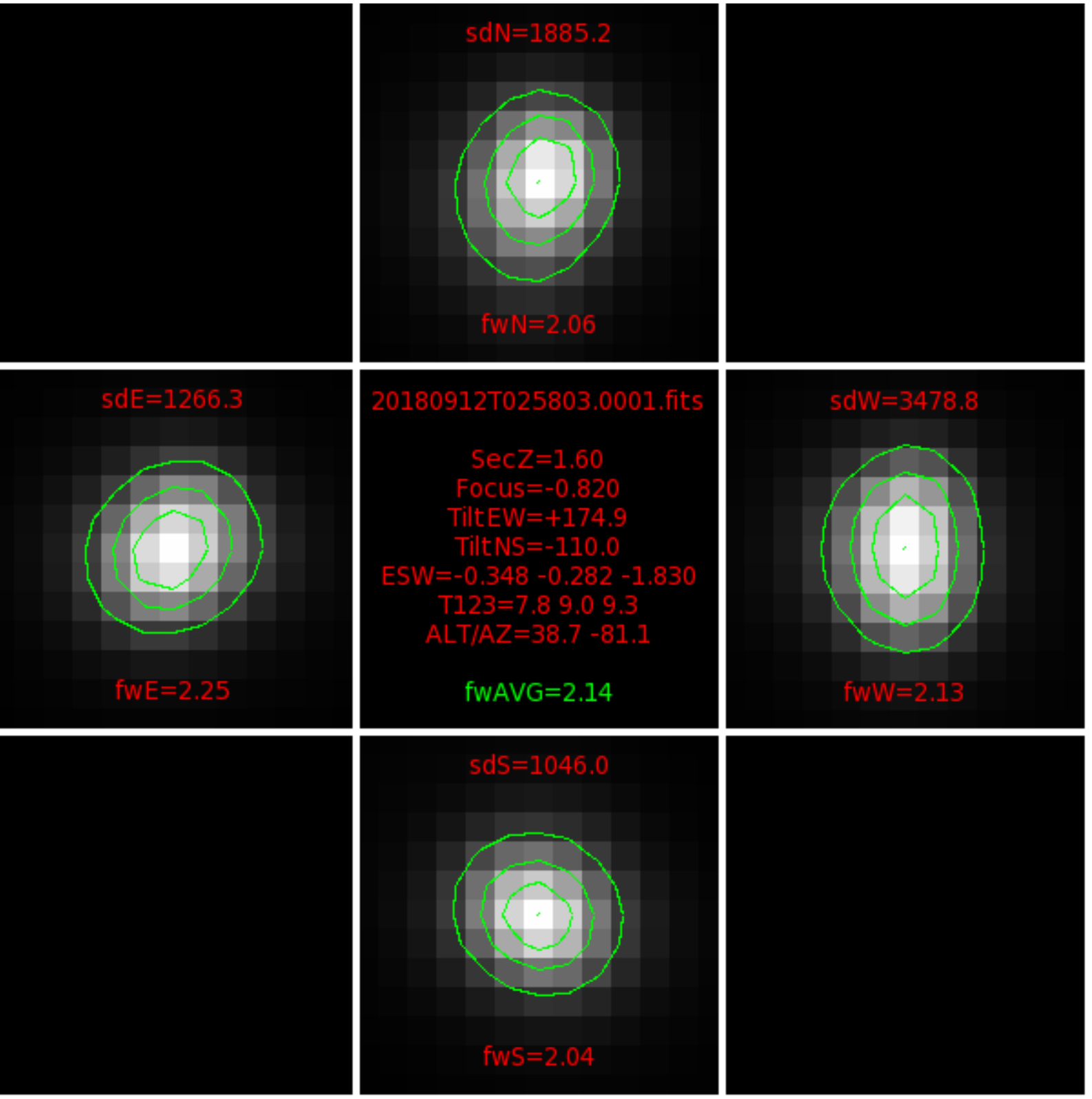
sdN=1885.2
fwN=2.06
sdE=1266.3
fwE=2.25
20180912T025803.0001.fits
SecZ=1.60
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.8 9.0 9.3
ALT/AZ=38.7 -81.1
fwAVG=2.14
sdW=3478.8
fwW=2.13
sdS=1046.0
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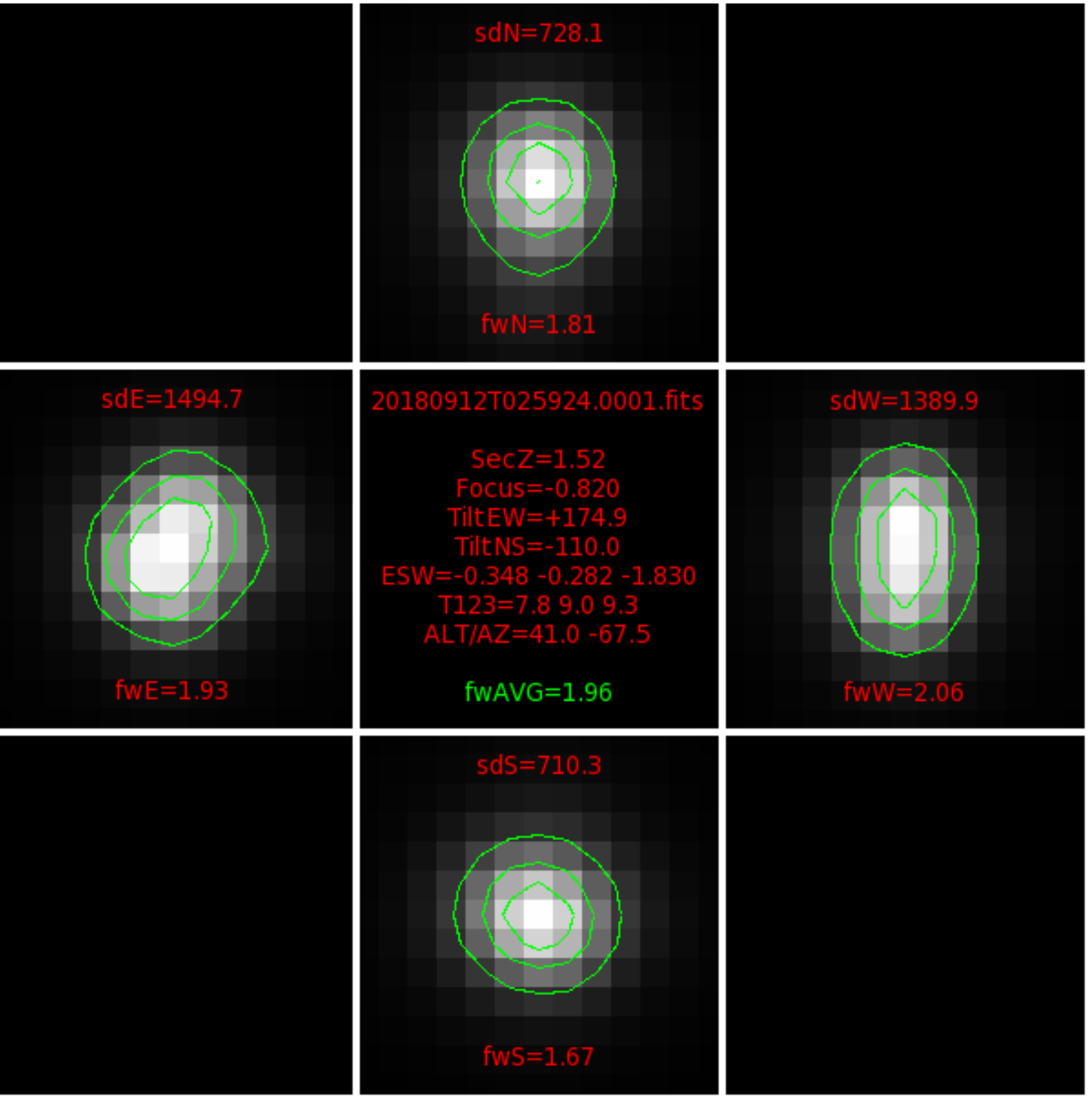
sdN=728.1
fwN=1.81
sdE=1494.7
fwE=1.93
20180912T025924.0001.fits
SecZ=1.52
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.8 9.0 9.3
ALT/AZ=41.0 -67.5
fwAVG=1.96
sdW=1389.9
fwW=2.06
sdS=710.3
fwS=1.67
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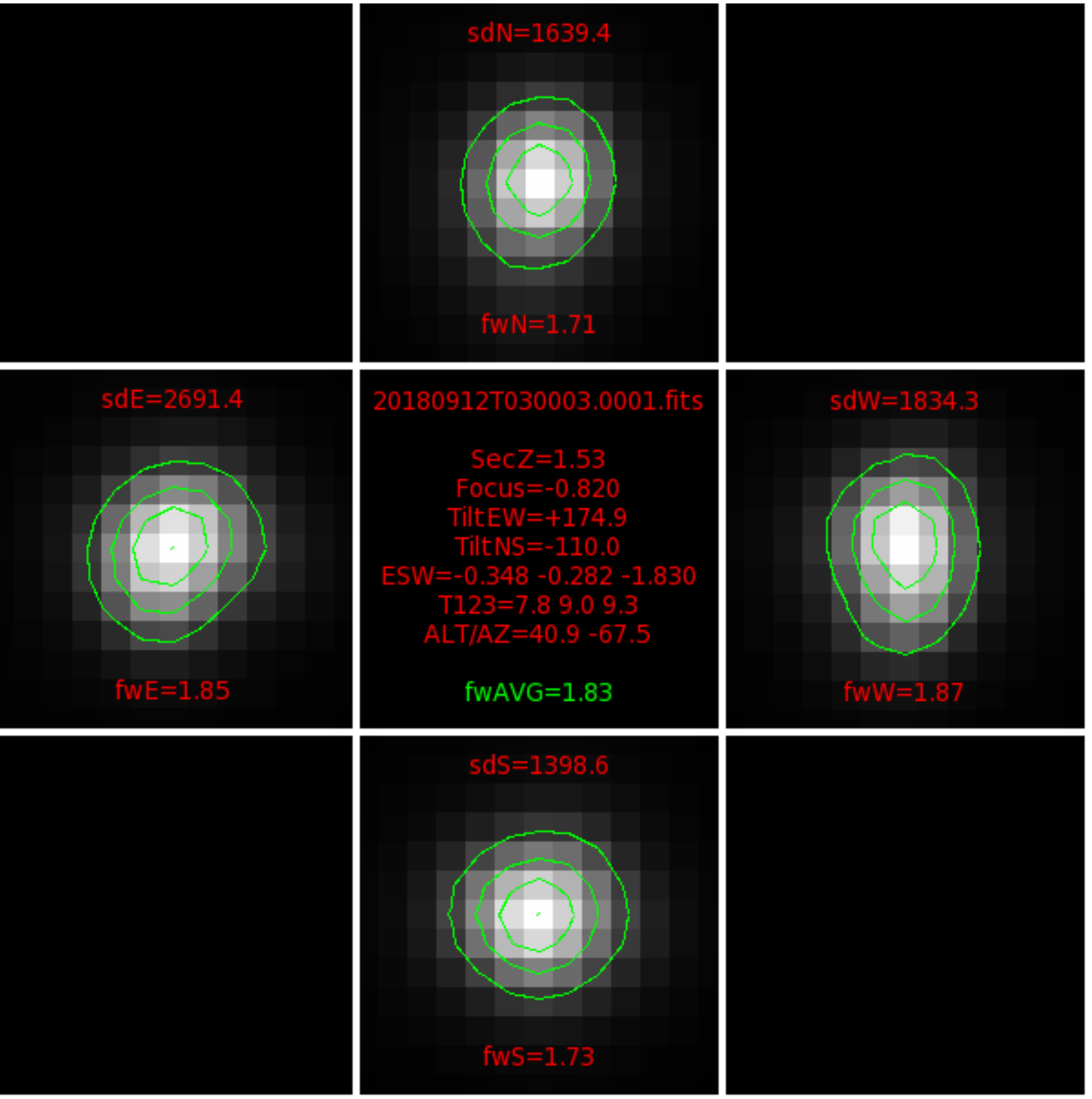
sdN=1639.4
fwN=1.71
sdE=2691.4
fwE=1.85
20180912T030003.0001.fits
SecZ=1.53
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.8 9.0 9.3
ALT/AZ=40.9 -67.5
fwAVG=1.83
sdW=1834.3
fwW=1.87
sdS=1398.6
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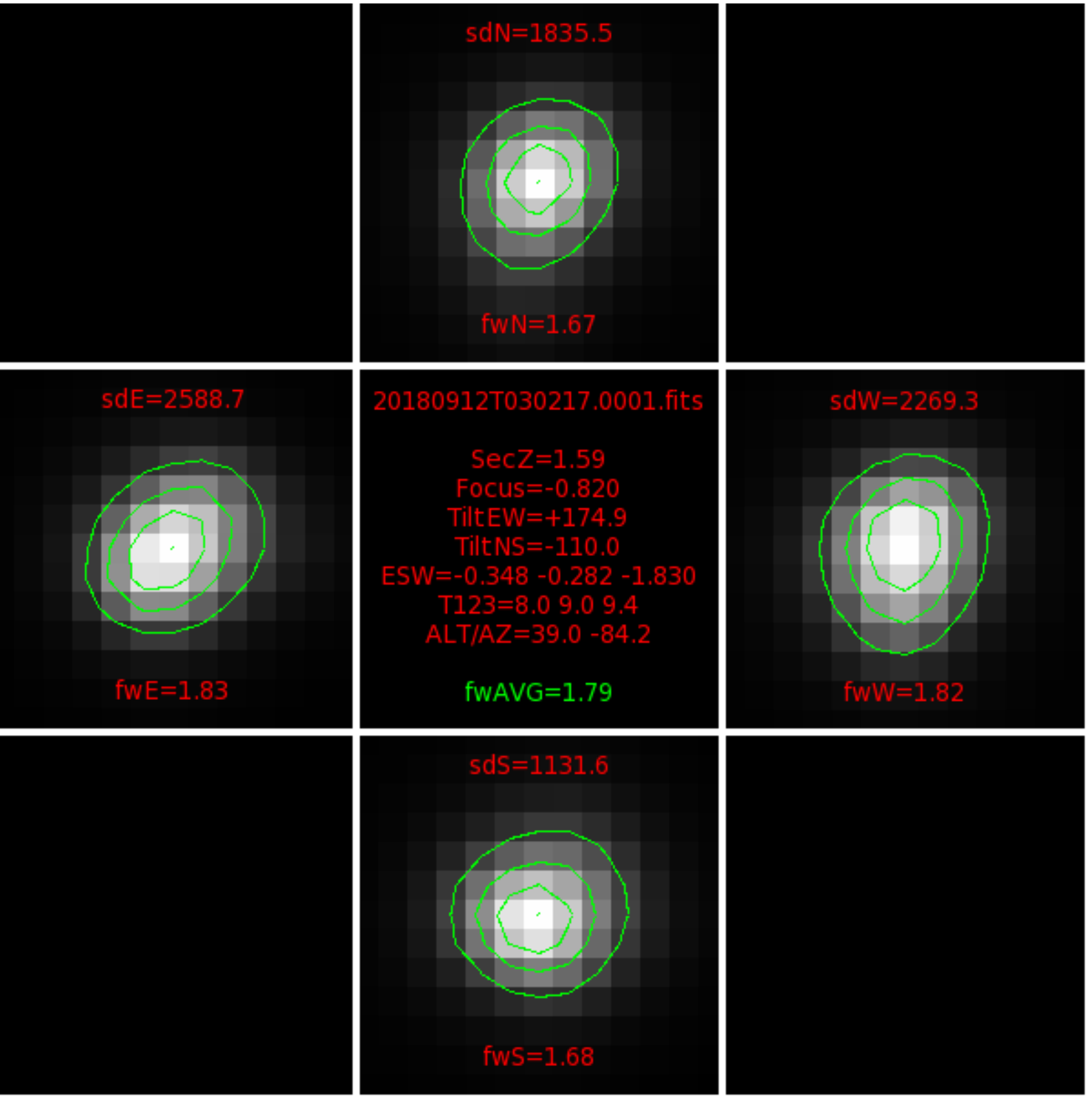
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SecZ=1.59
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TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.4
ALT/AZ=39.0 -84.2
fwAVG=1.79
sdW=2269.3
fwW=1.82
sdS=1131.6
fwS=1.68
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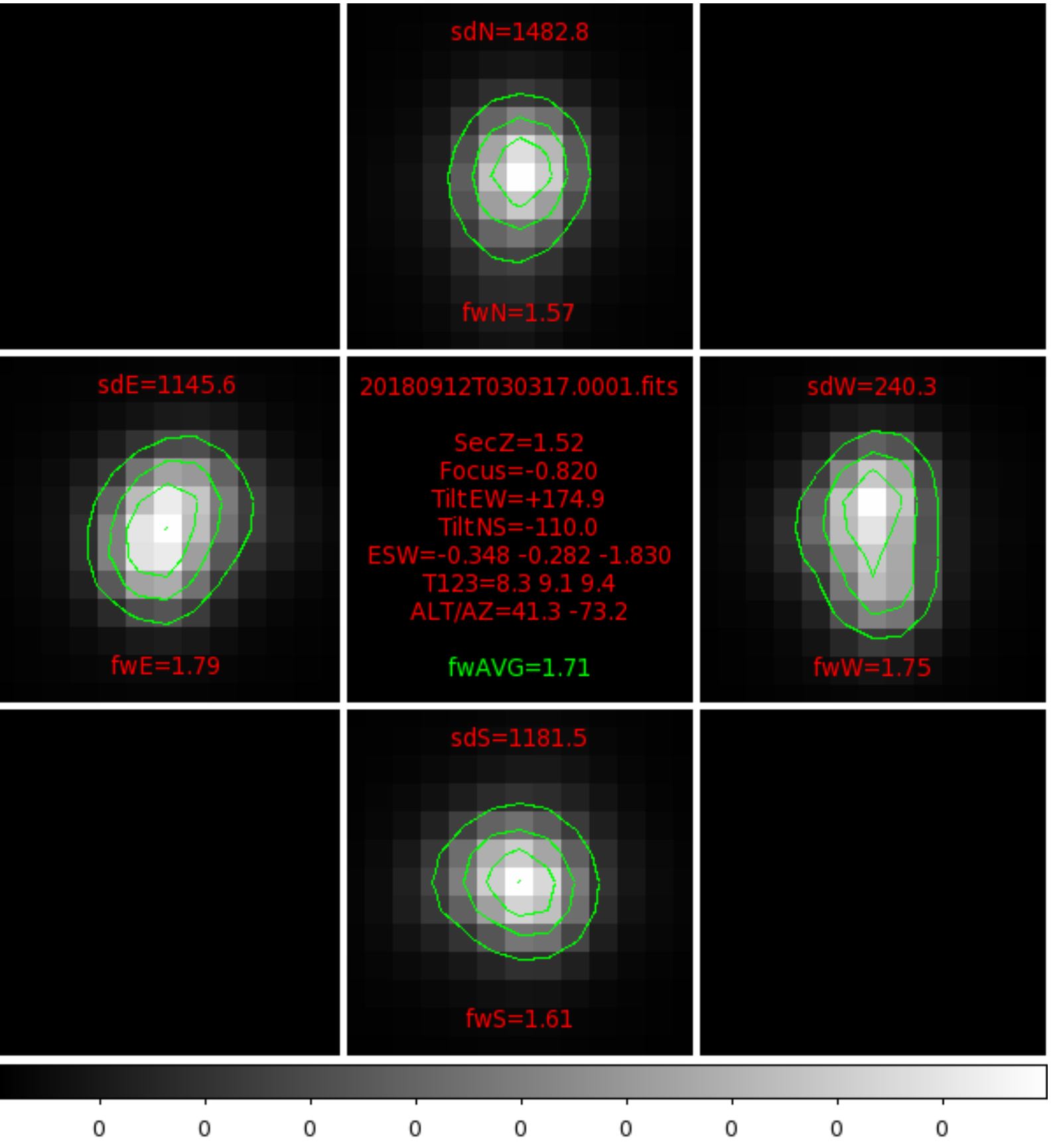
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fwN=1.57
sdE=1145.6
fwE=1.79
20180912T030317.0001.fits
SecZ=1.52
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.3 9.1 9.4
ALT/AZ=41.3 -73.2
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sdW=240.3
fwW=1.75
sdS=1181.5
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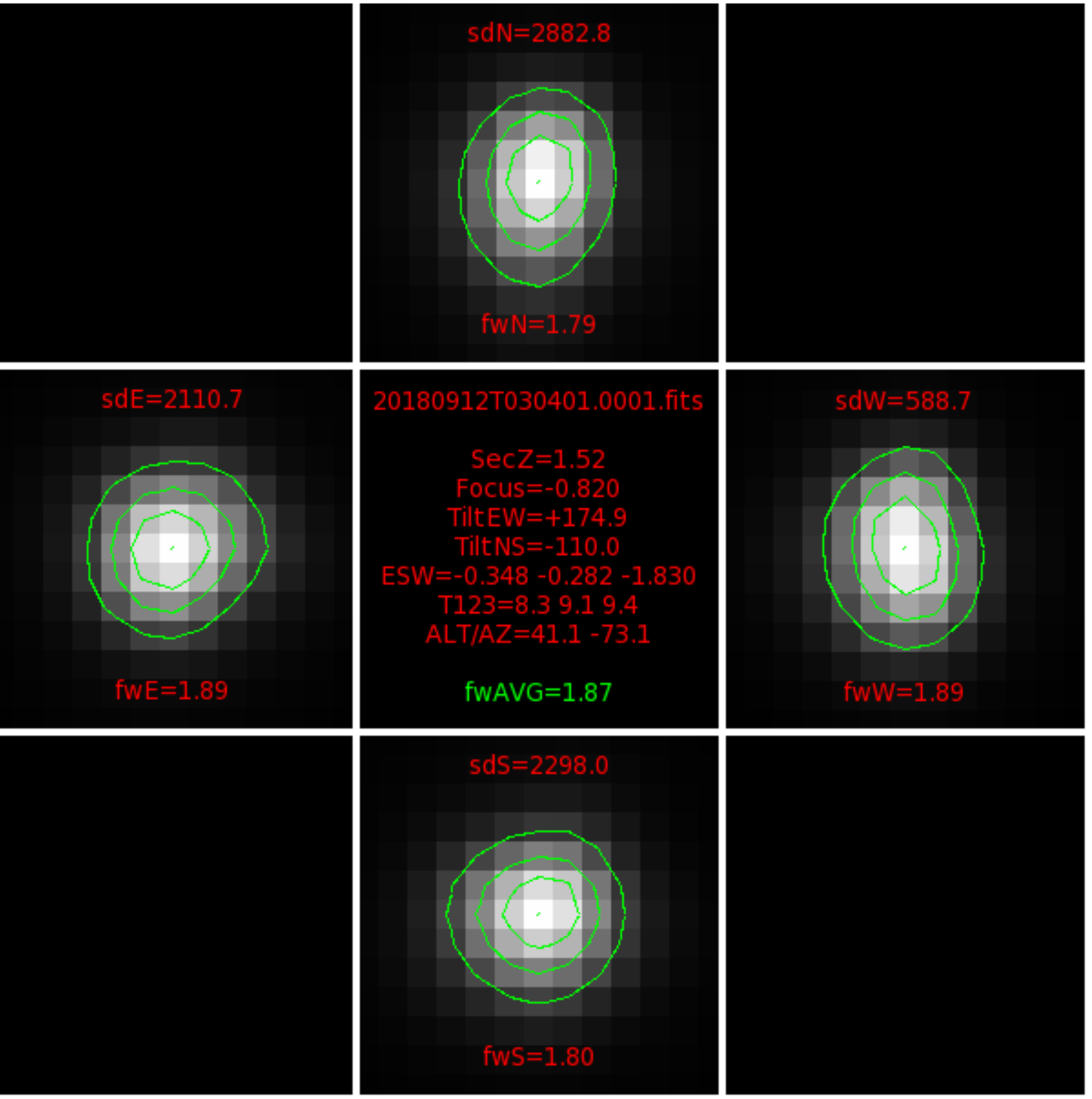
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sdE=2110.7
fwE=1.89
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SecZ=1.52
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.3 9.1 9.4
ALT/AZ=41.1 -73.1
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sdW=588.7
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sdS=2298.0
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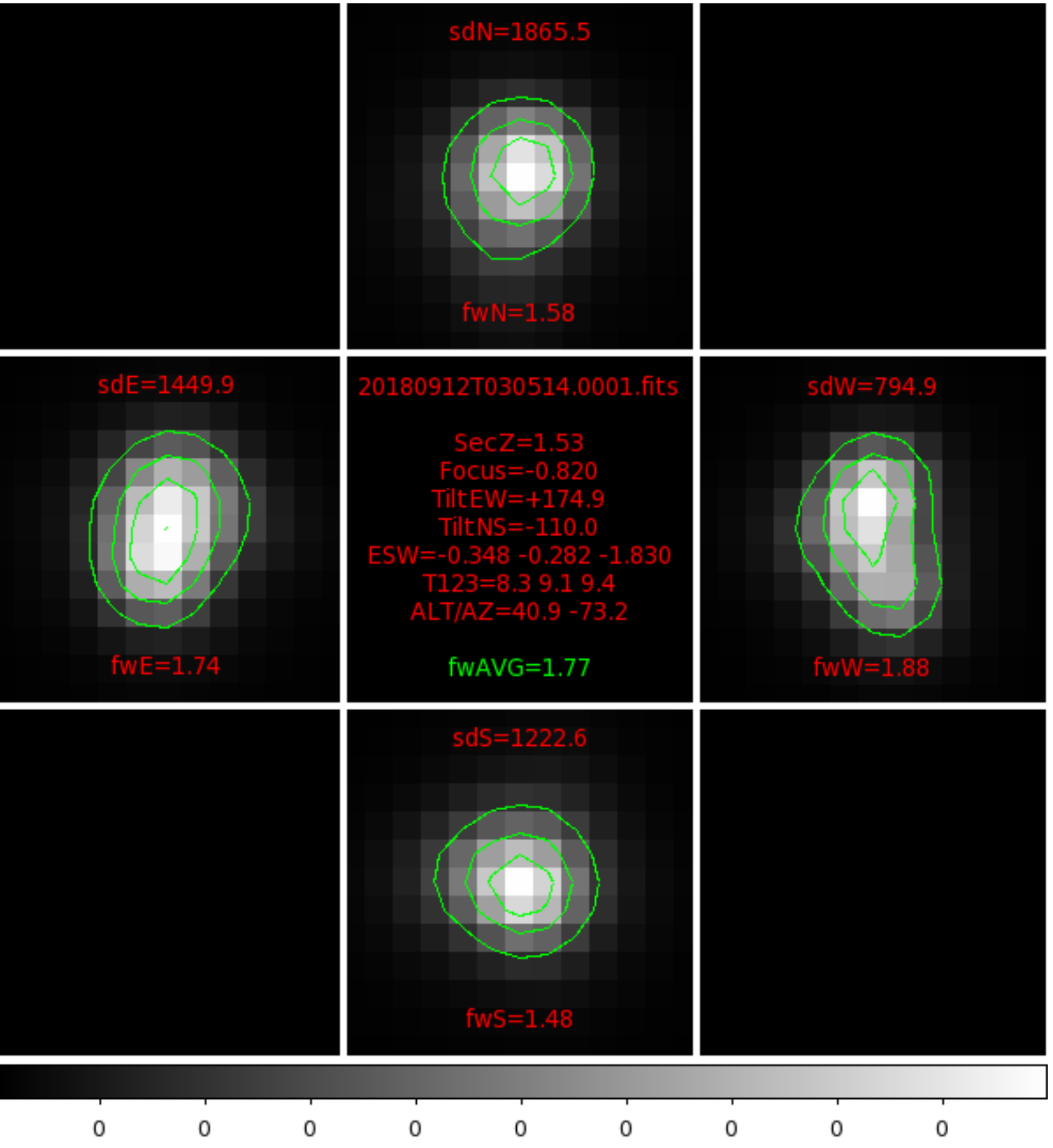
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fwN=1.58
sdE=1449.9
fwE=1.74
20180912T030514.0001.fits
SecZ=1.53
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.3 9.1 9.4
ALT/AZ=40.9 -73.2
fwAVG=1.77
sdW=794.9
fwW=1.88
sdS=1222.6
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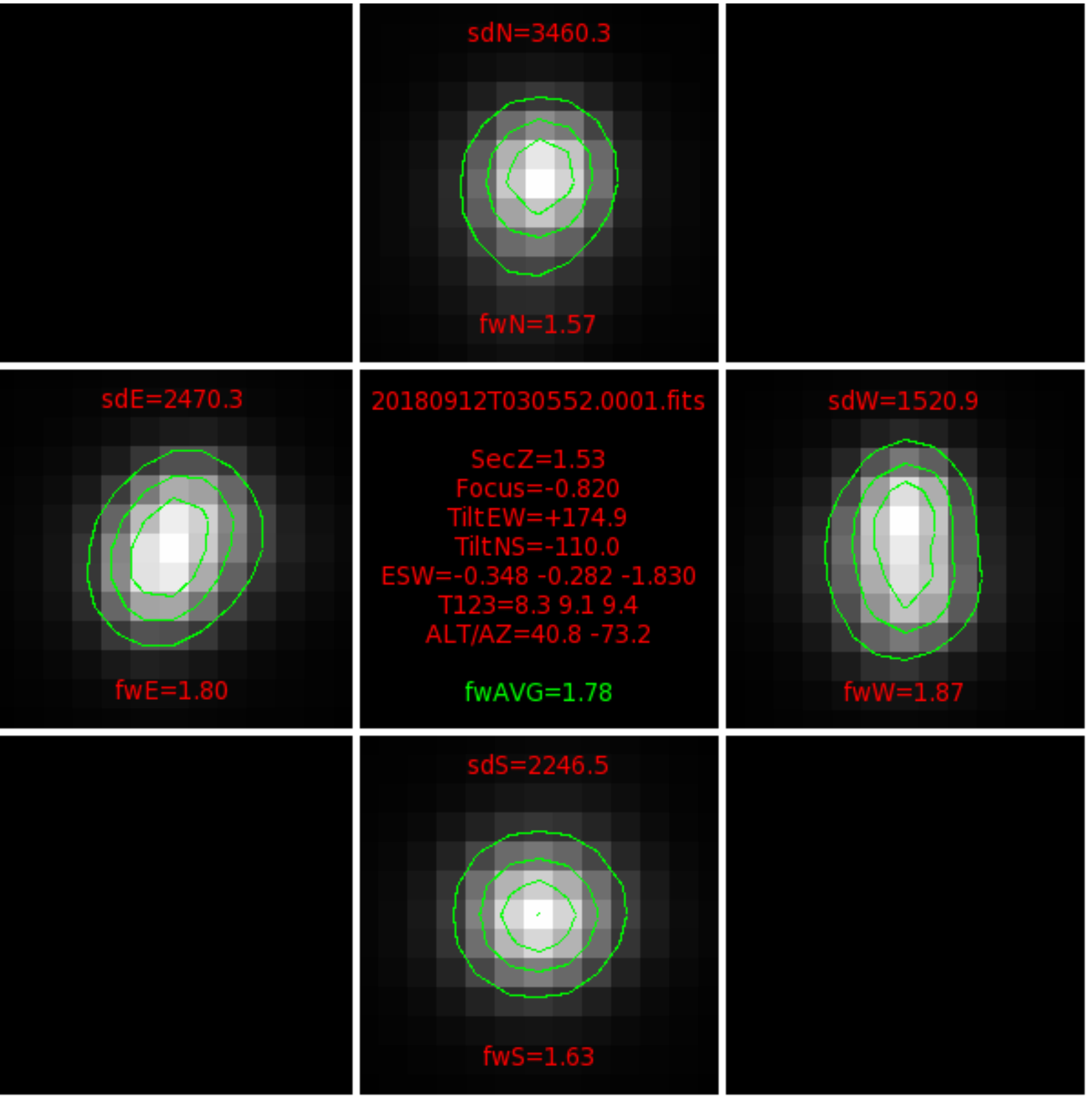
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sdE=2470.3
fwE=1.80
20180912T030552.0001.fits
SecZ=1.53
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.3 9.1 9.4
ALT/AZ=40.8 -73.2
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sdW=1520.9
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sdS=2246.5
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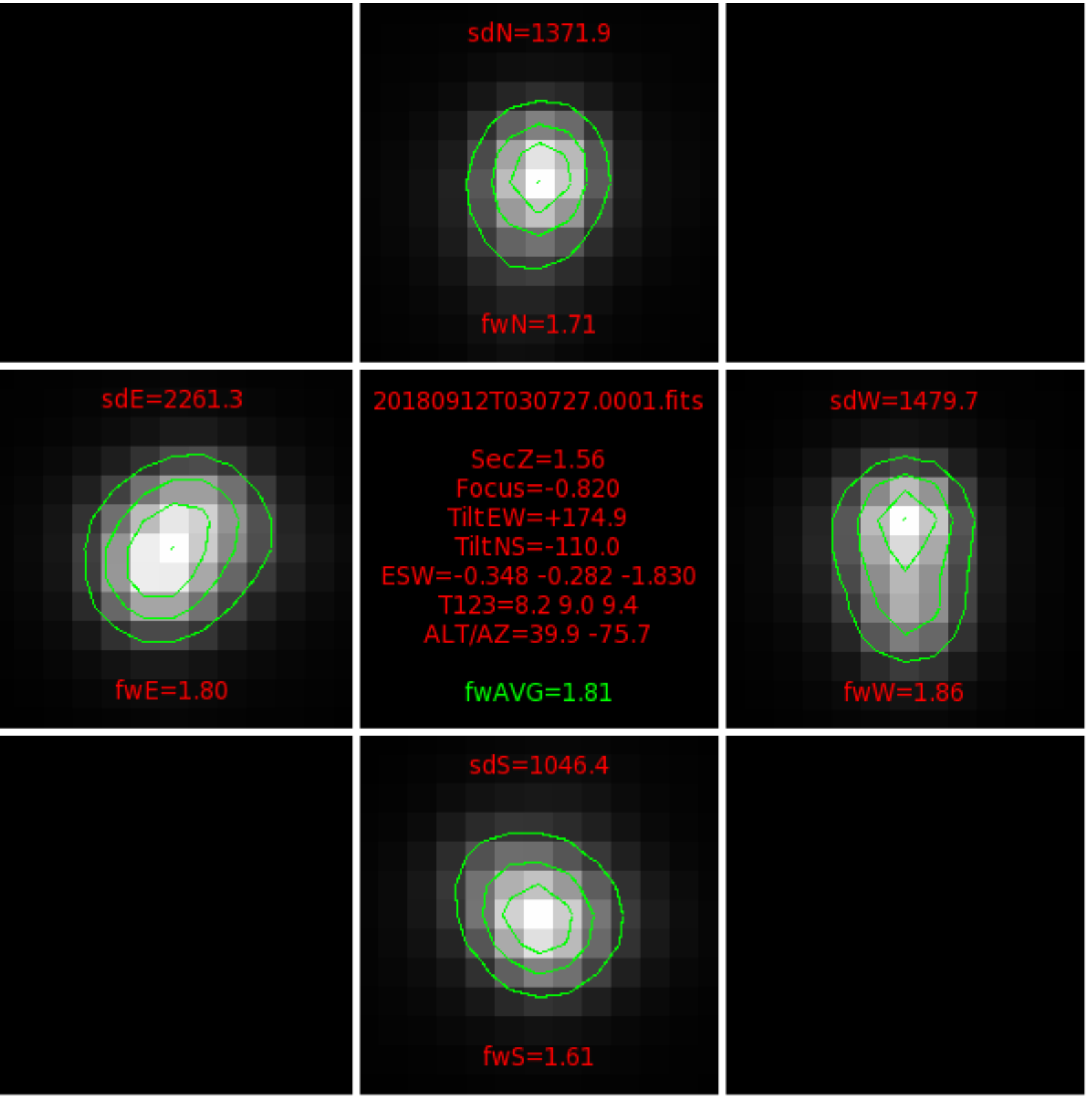
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sdE=2261.3
fwE=1.80
20180912T030727.0001.fits
SecZ=1.56
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.2 9.0 9.4
ALT/AZ=39.9 -75.7
fwAVG=1.81
sdW=1479.7
fwW=1.86
sdS=1046.4
fwS=1.61
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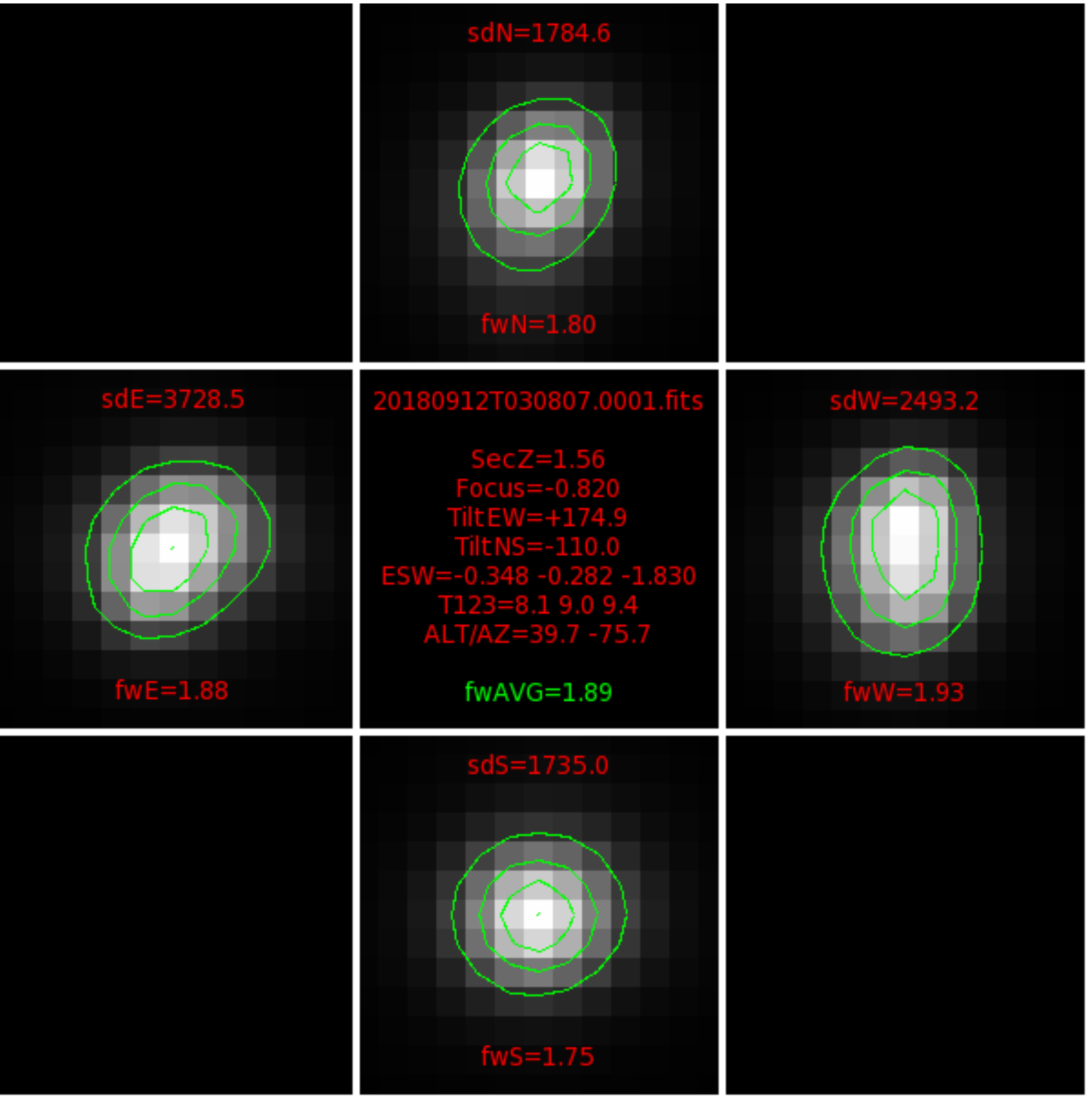
sdN=1784.6
fwN=1.80
sdE=3728.5
fwE=1.88
20180912T030807.0001.fits
SecZ=1.56
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.1 9.0 9.4
ALT/AZ=39.7 -75.7
fwAVG=1.89
sdW=2493.2
fwW=1.93
sdS=1735.0
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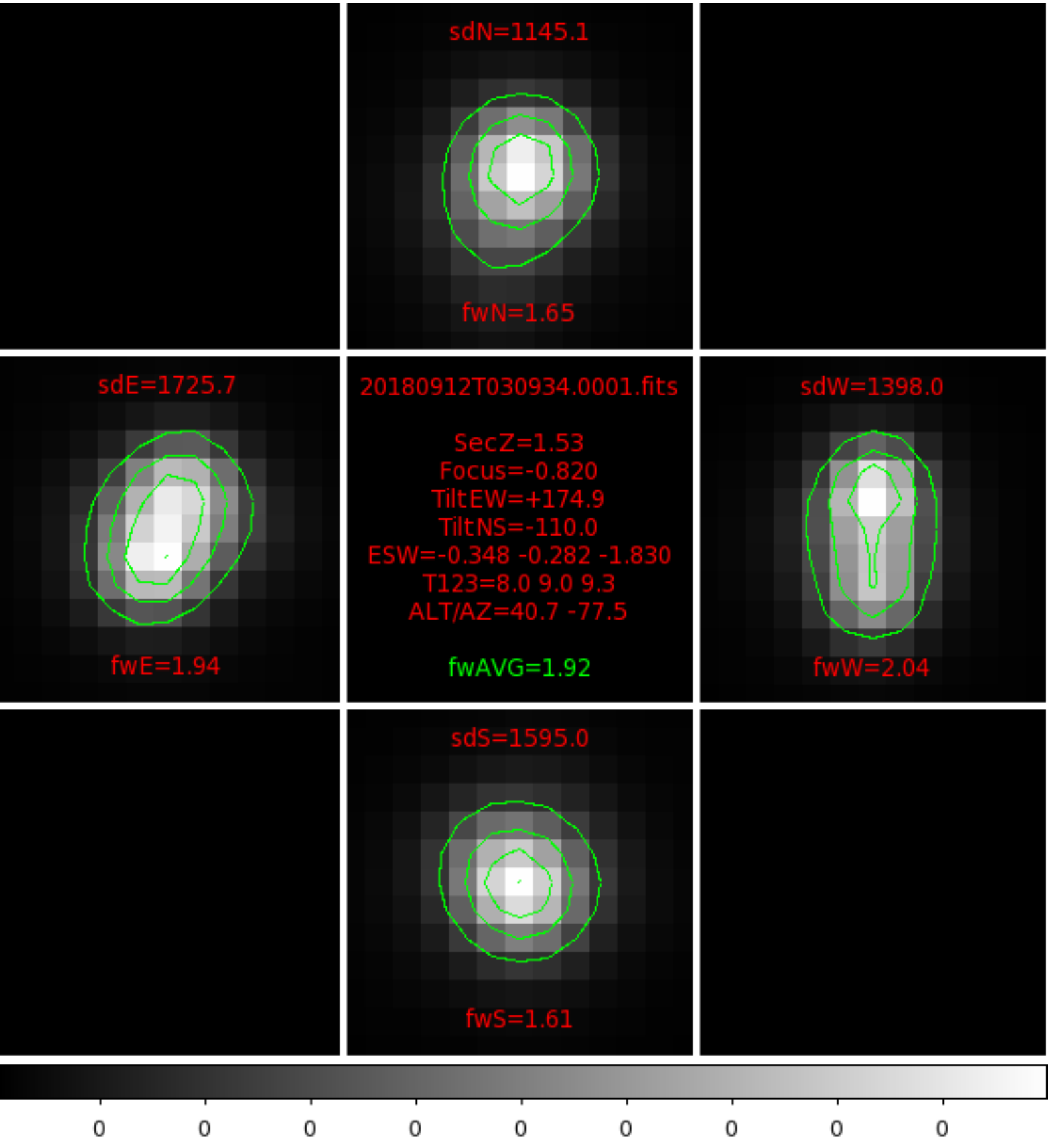
sdN=1145.1
fwN=1.65
sdE=1725.7
fwE=1.94
20180912T030934.0001.fits
SecZ=1.53
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.3
ALT/AZ=40.7 -77.5
fwAVG=1.92
sdW=1398.0
fwW=2.04
sdS=1595.0
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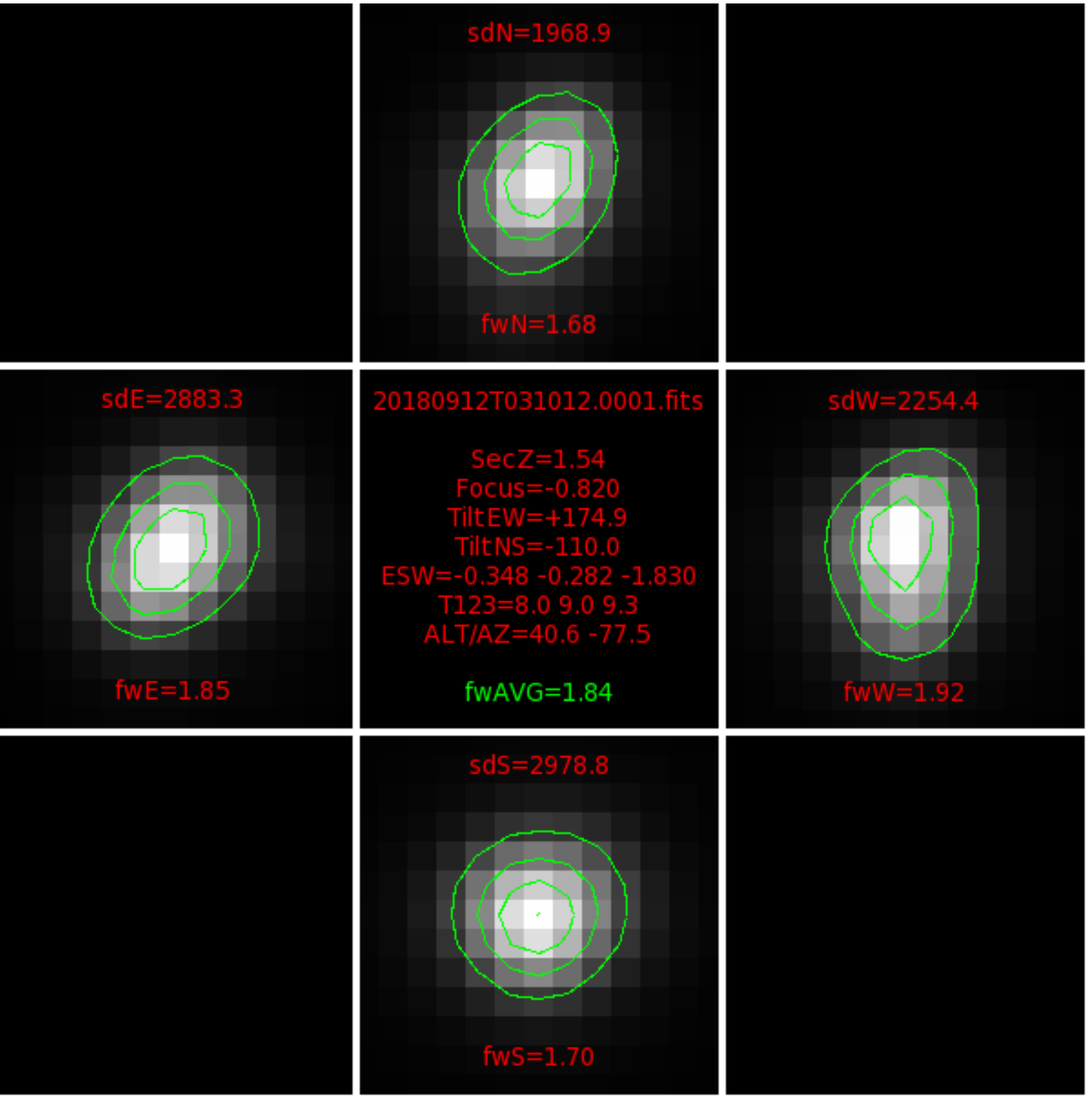
sdN=1968.9
fwN=1.68
sdE=2883.3
fwE=1.85
20180912T031012.0001.fits
SecZ=1.54
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.3
ALT/AZ=40.6 -77.5
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sdW=2254.4
fwW=1.92
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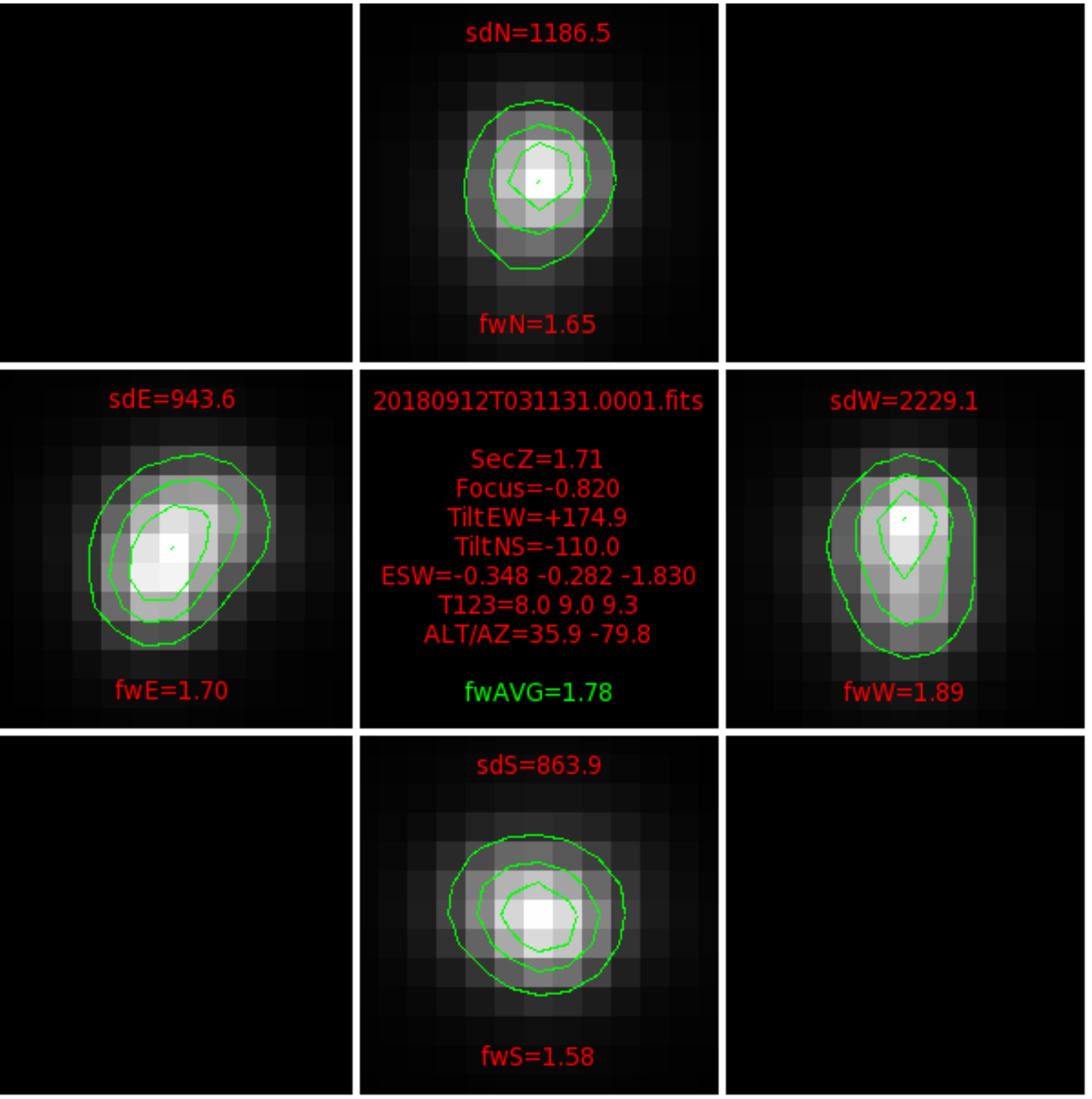
sdN=1186.5
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sdE=943.6
fwE=1.70
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SecZ=1.71
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.3
ALT/AZ=35.9 -79.8
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sdW=2229.1
fwW=1.89
sdS=863.9
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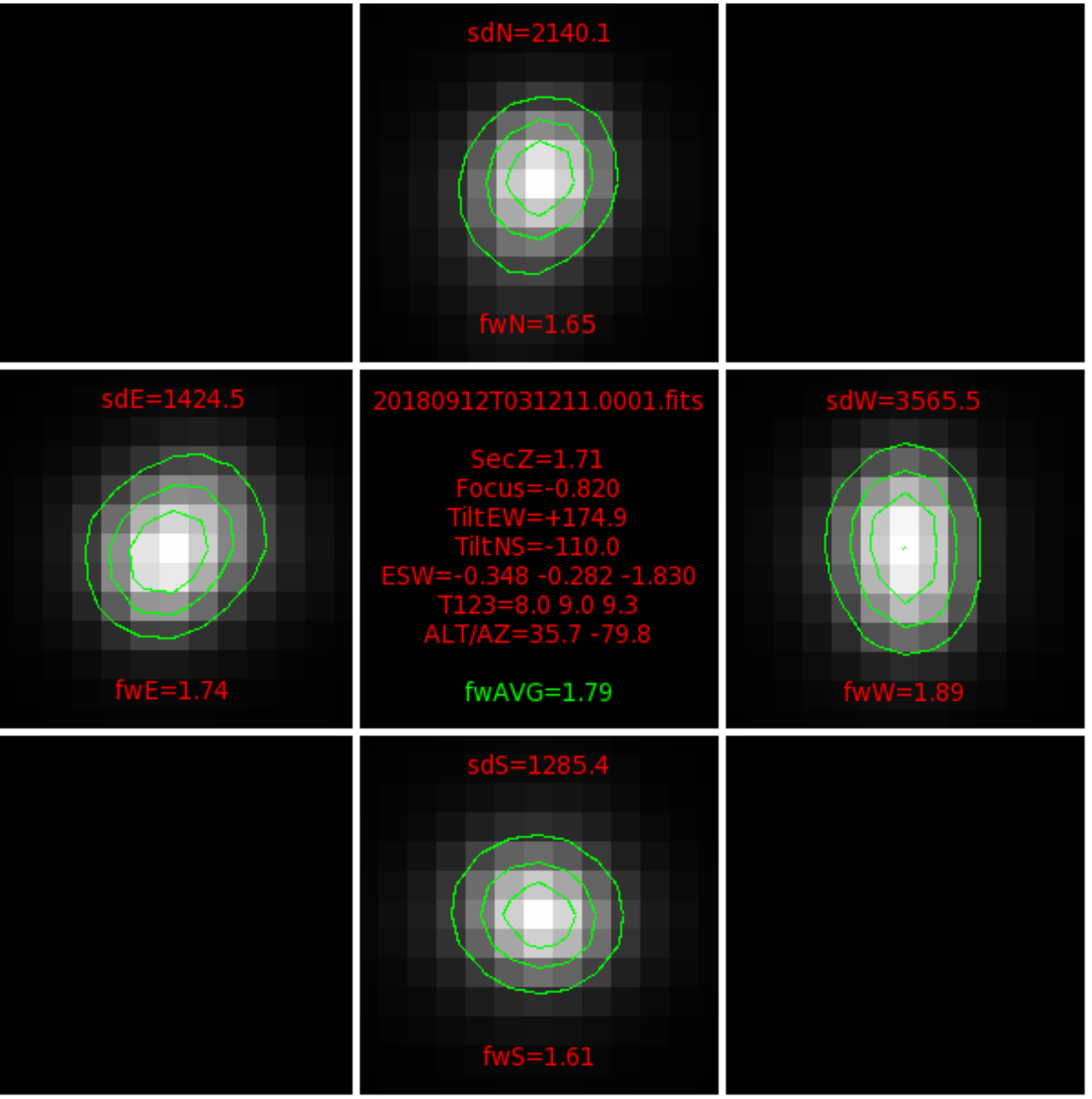
sdN=2140.1
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sdE=1424.5
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SecZ=1.71
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.3
ALT/AZ=35.7 -79.8
fwAVG=1.79
sdW=3565.5
fwW=1.89
sdS=1285.4
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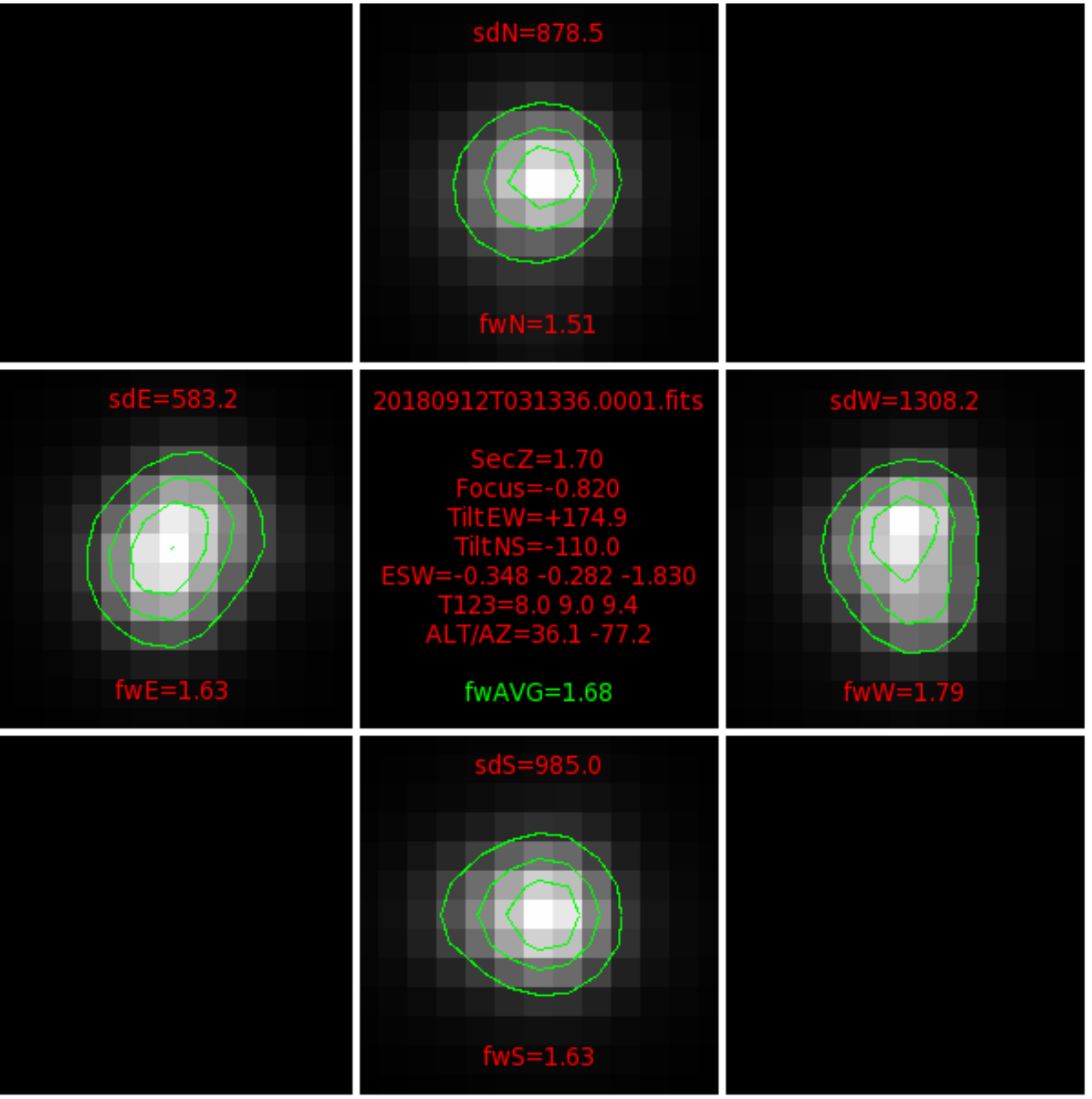
sdN=878.5
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sdE=583.2
fwE=1.63
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SecZ=1.70
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.4
ALT/AZ=36.1 -77.2
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sdW=1308.2
fwW=1.79
sdS=985.0
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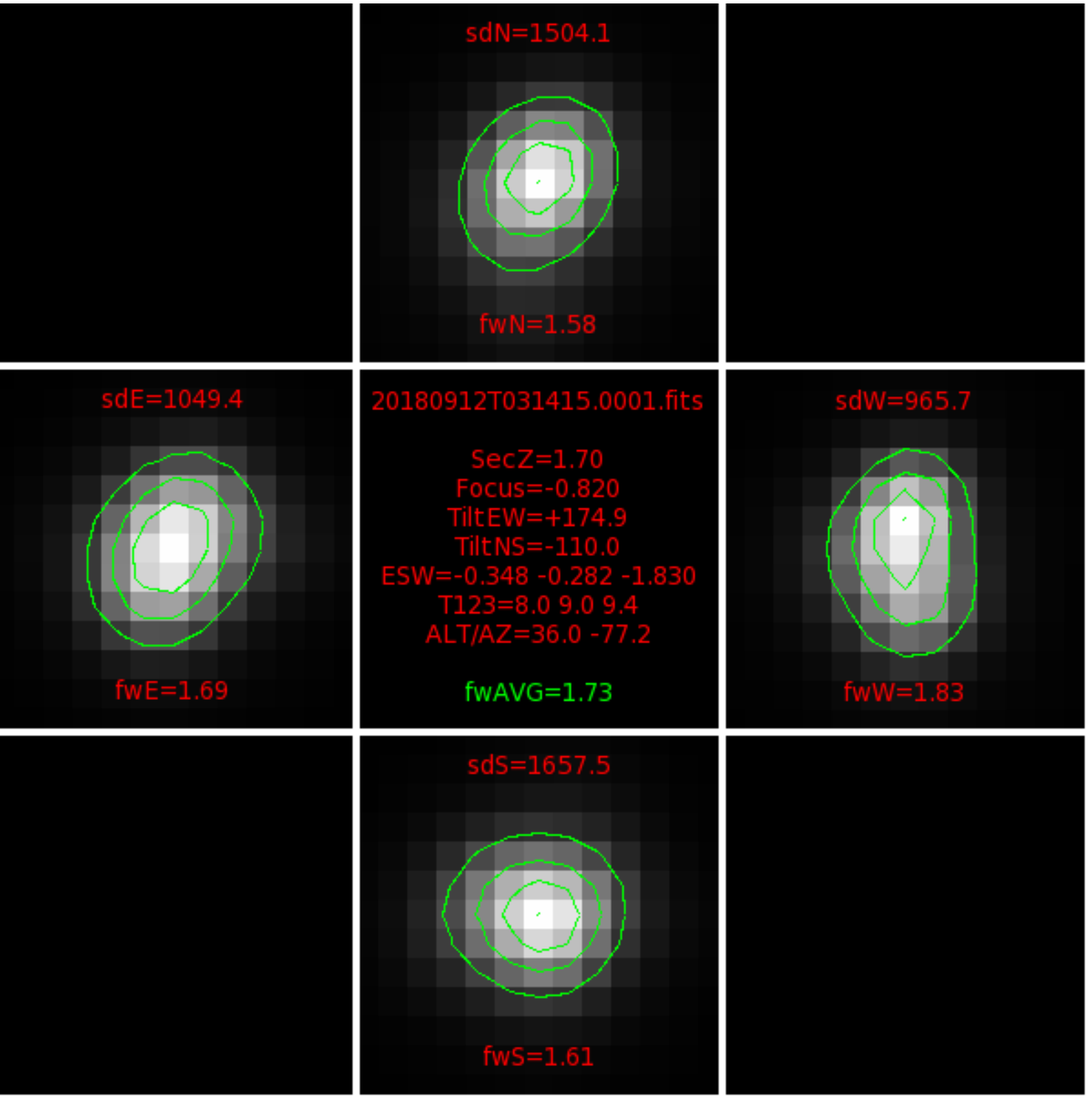
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fwN=1.58
sdE=1049.4
fwE=1.69
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SecZ=1.70
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.4
ALT/AZ=36.0 -77.2
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sdW=965.7
fwW=1.83
sdS=1657.5
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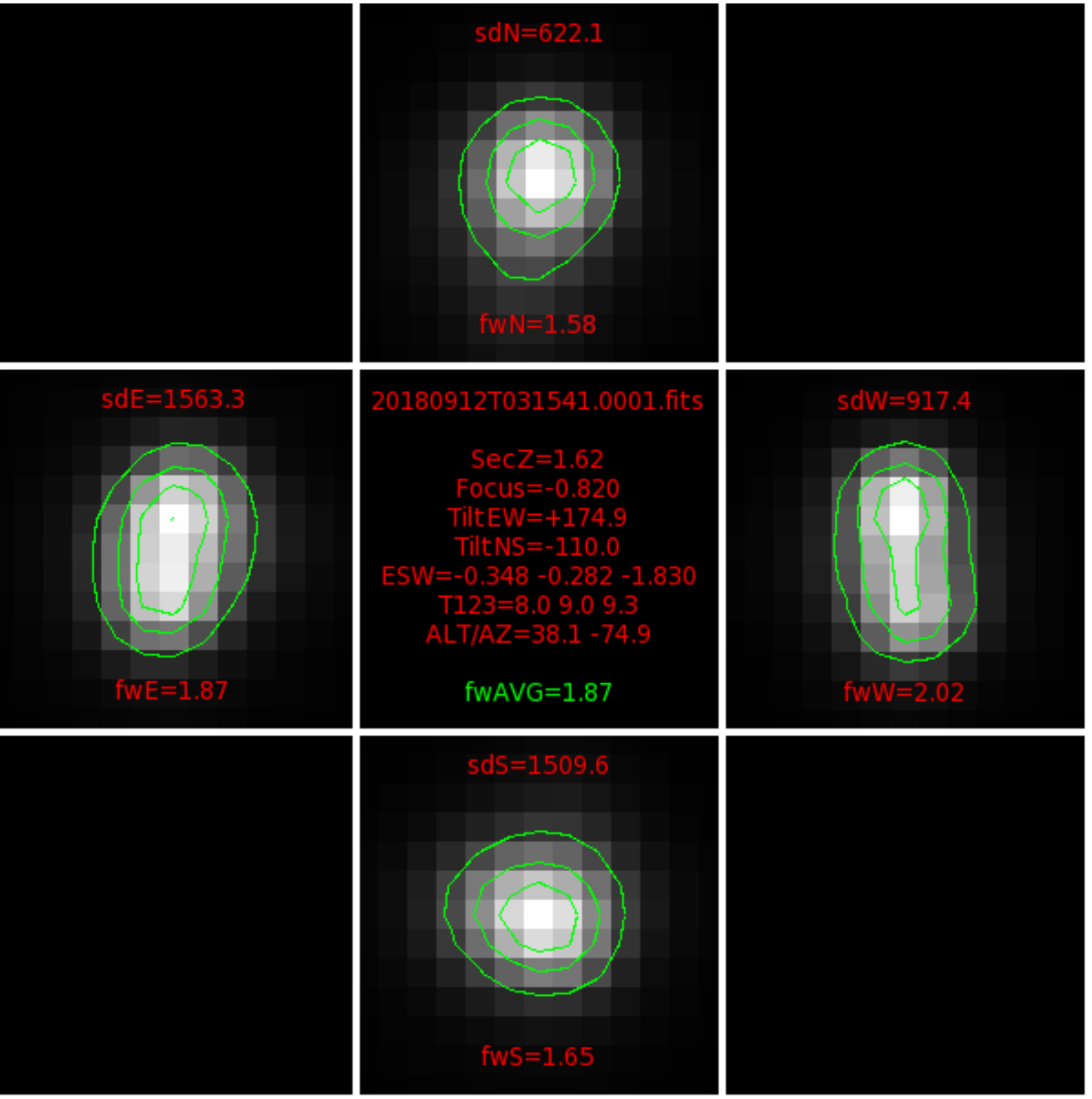
sdN=622.1
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sdE=1563.3
fwE=1.87
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SecZ=1.62
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.3
ALT/AZ=38.1 -74.9
fwAVG=1.87
sdW=917.4
fwW=2.02
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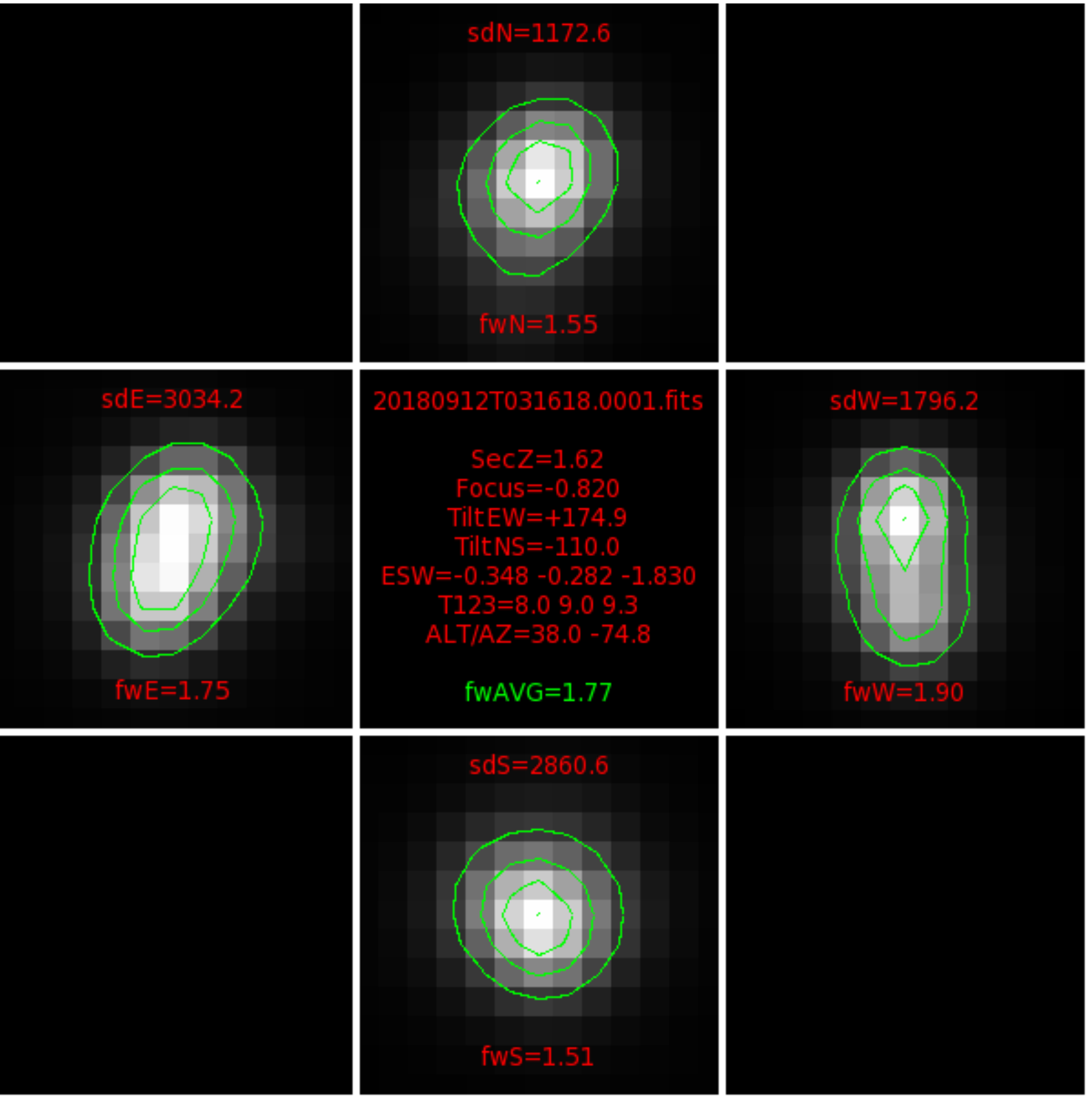
sdN=1172.6
fwN=1.55
sdE=3034.2
fwE=1.75
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SecZ=1.62
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=8.0 9.0 9.3
ALT/AZ=38.0 -74.8
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sdW=1796.2
fwW=1.90
sdS=2860.6
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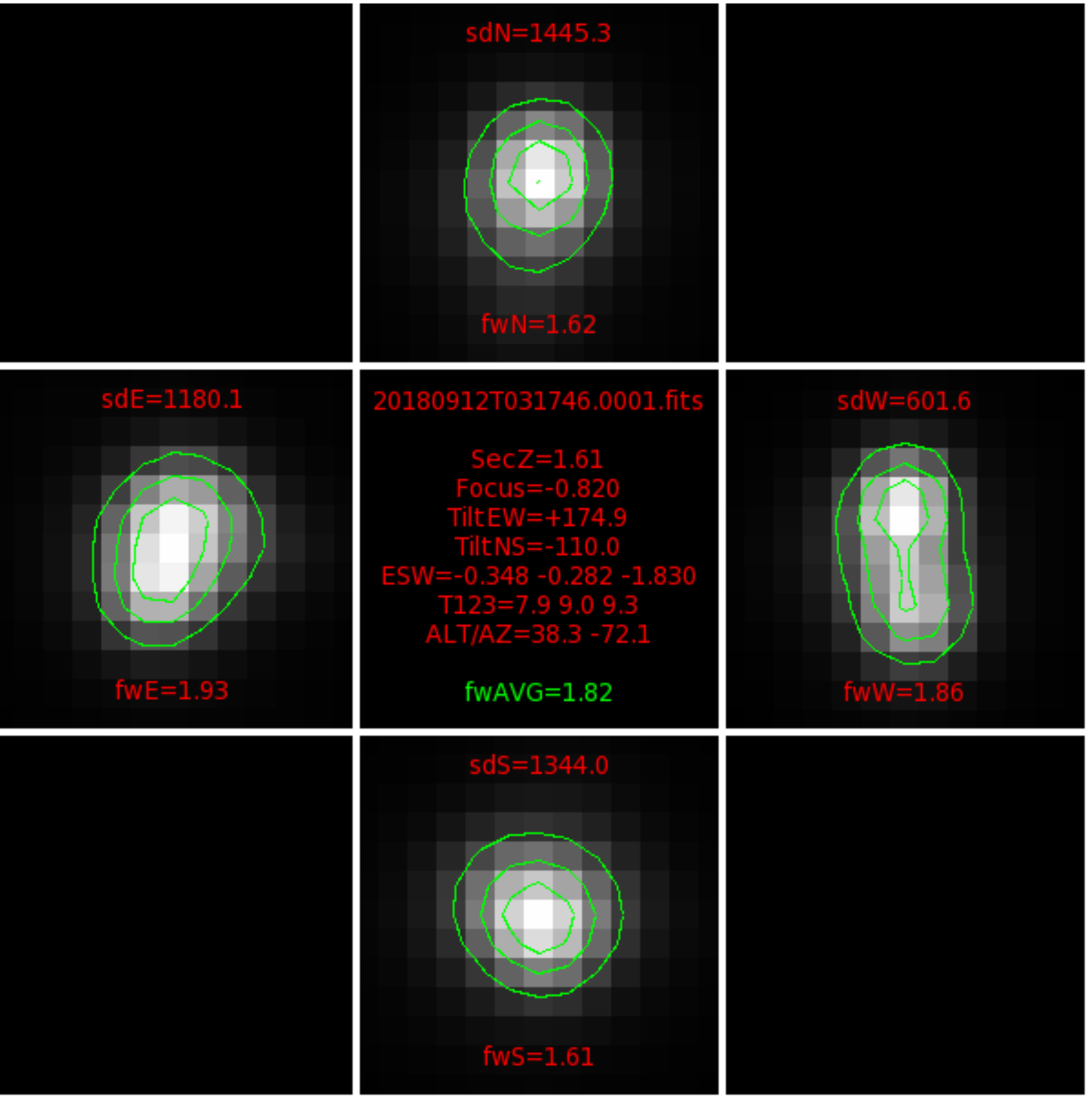
sdN=1445.3
fwN=1.62
sdE=1180.1
fwE=1.93
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SecZ=1.61
Focus=-0.820
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.348 -0.282 -1.830
T123=7.9 9.0 9.3
ALT/AZ=38.3 -72.1
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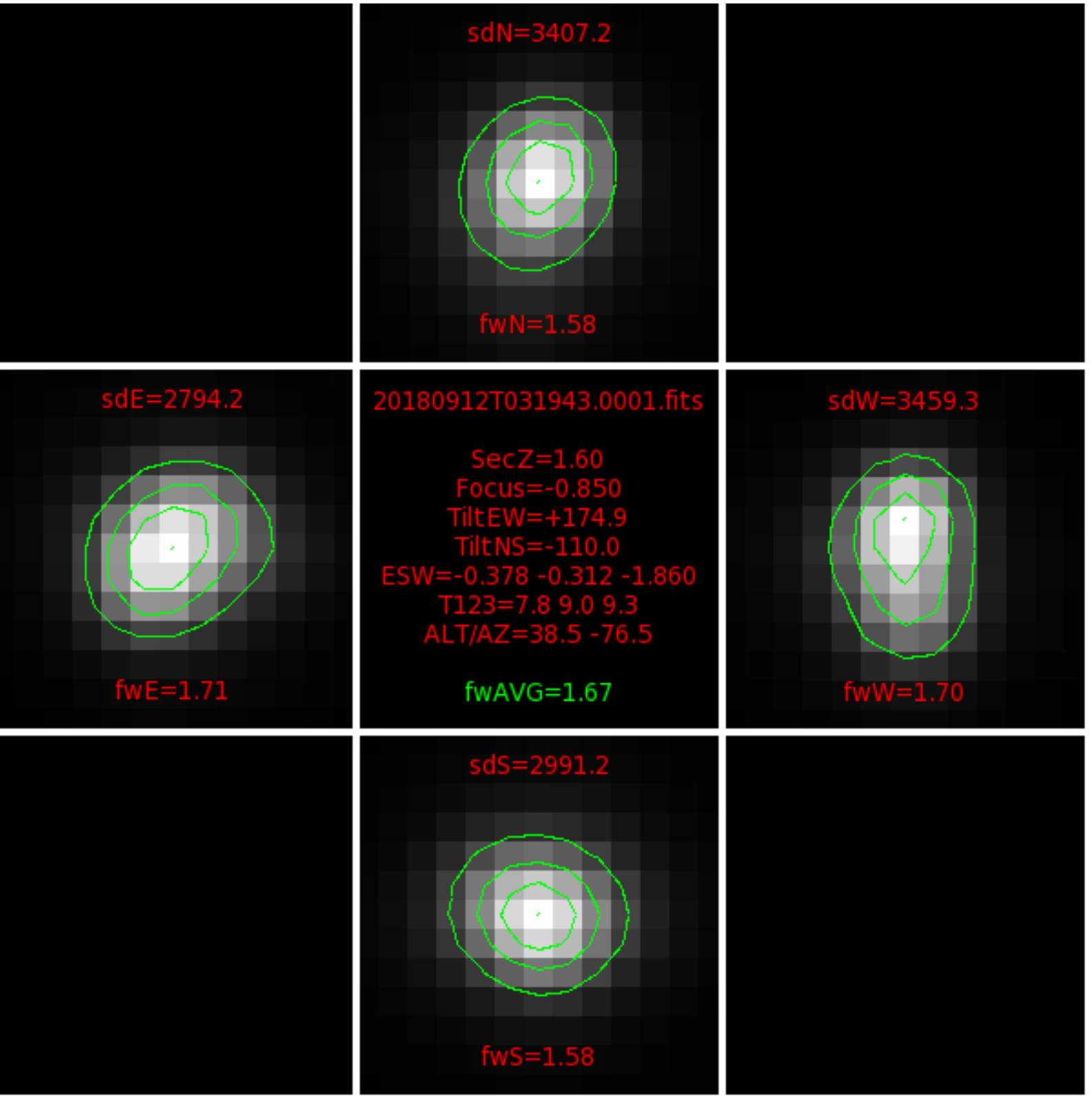
sdN=3407.2
fwN=1.58
sdE=2794.2
fwE=1.71
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SecZ=1.60
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.8 9.0 9.3
ALT/AZ=38.5 -76.5
fwAVG=1.67
sdW=3459.3
fwW=1.70
sdS=2991.2
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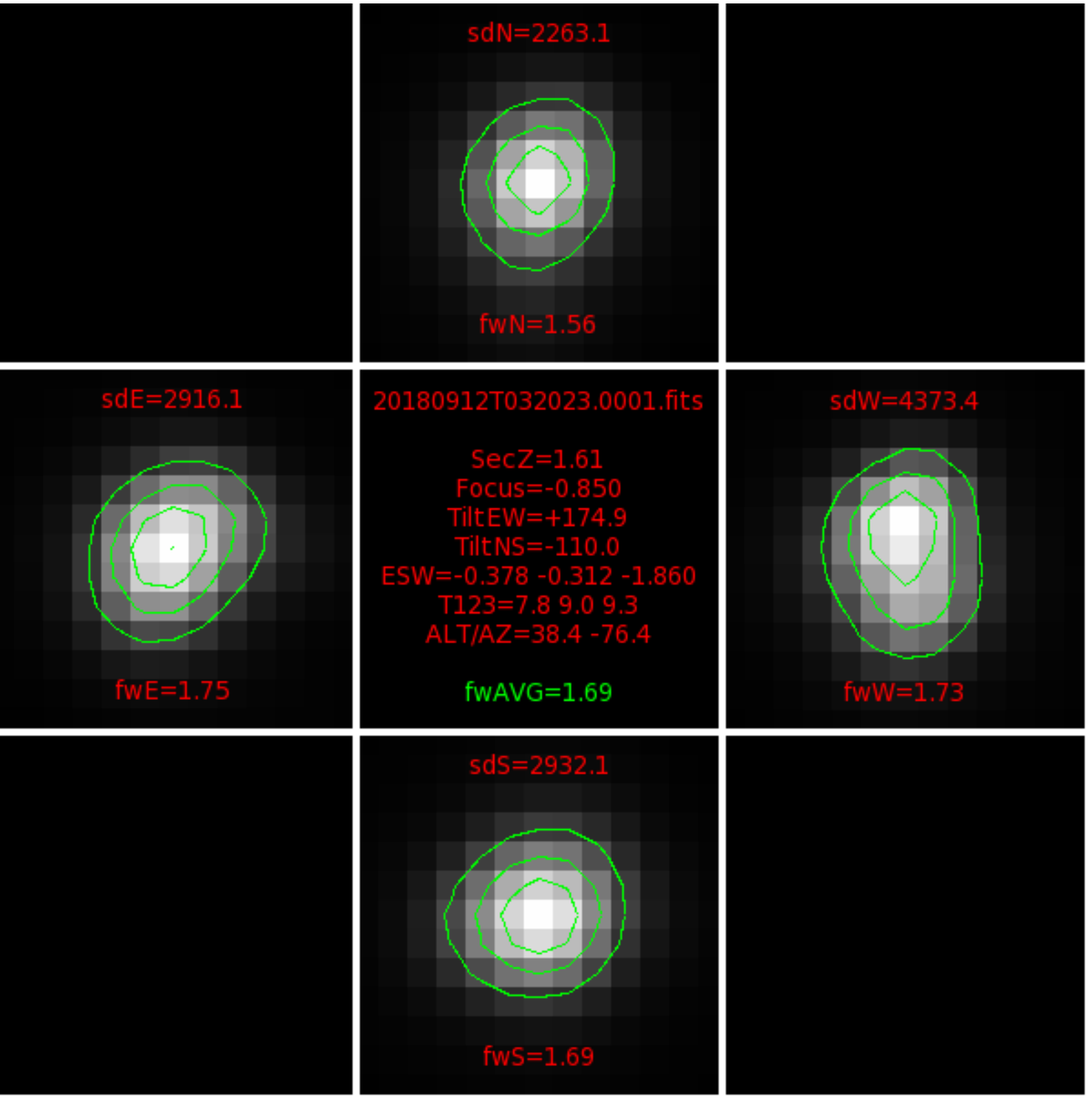
sdN=2263.1
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sdE=2916.1
fwE=1.75
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SecZ=1.61
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.8 9.0 9.3
ALT/AZ=38.4 -76.4
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sdW=4373.4
fwW=1.73
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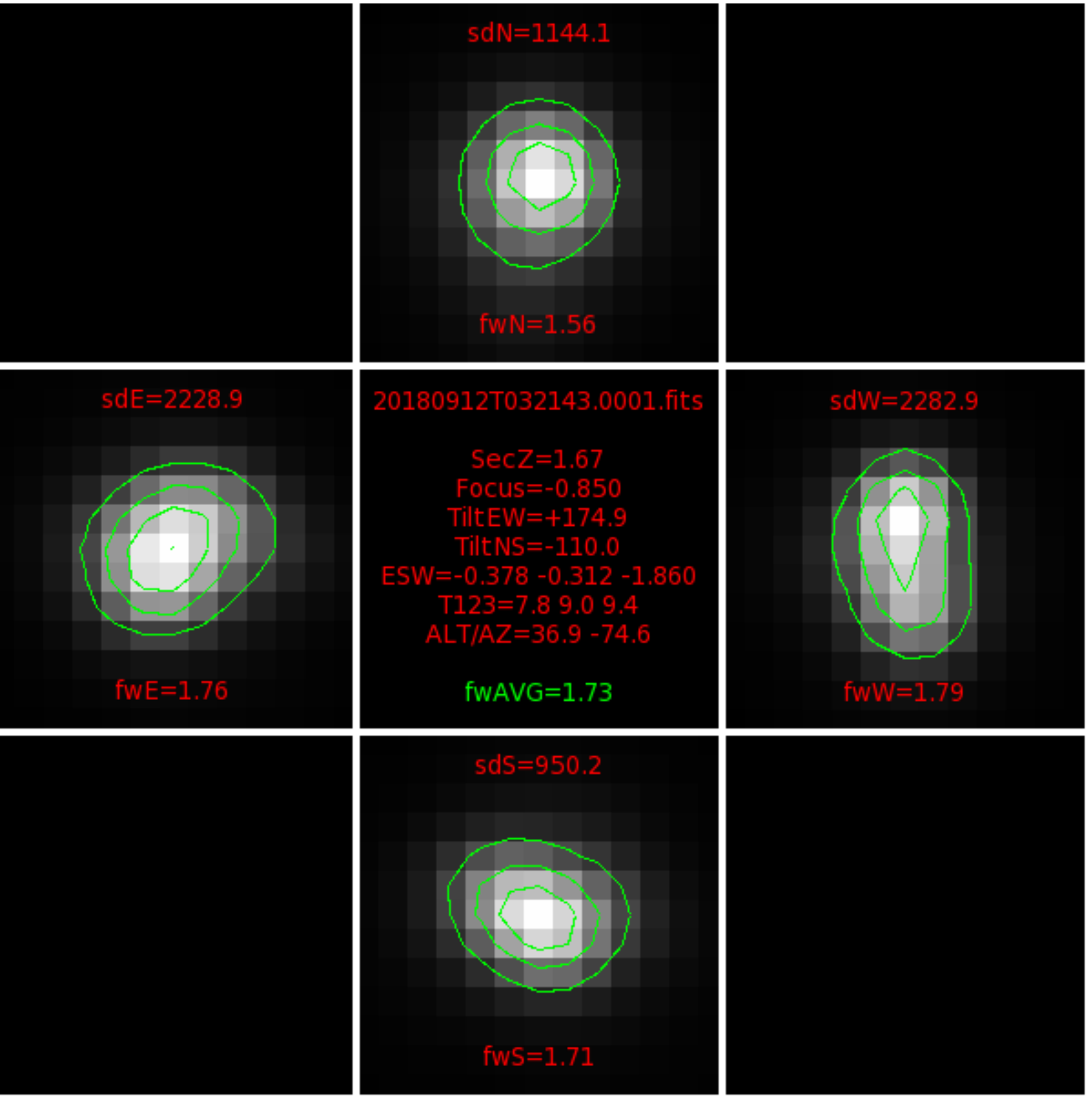
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fwN=1.56
sdE=2228.9
fwE=1.76
20180912T032143.0001.fits
SecZ=1.67
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.8 9.0 9.4
ALT/AZ=36.9 -74.6
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sdW=2282.9
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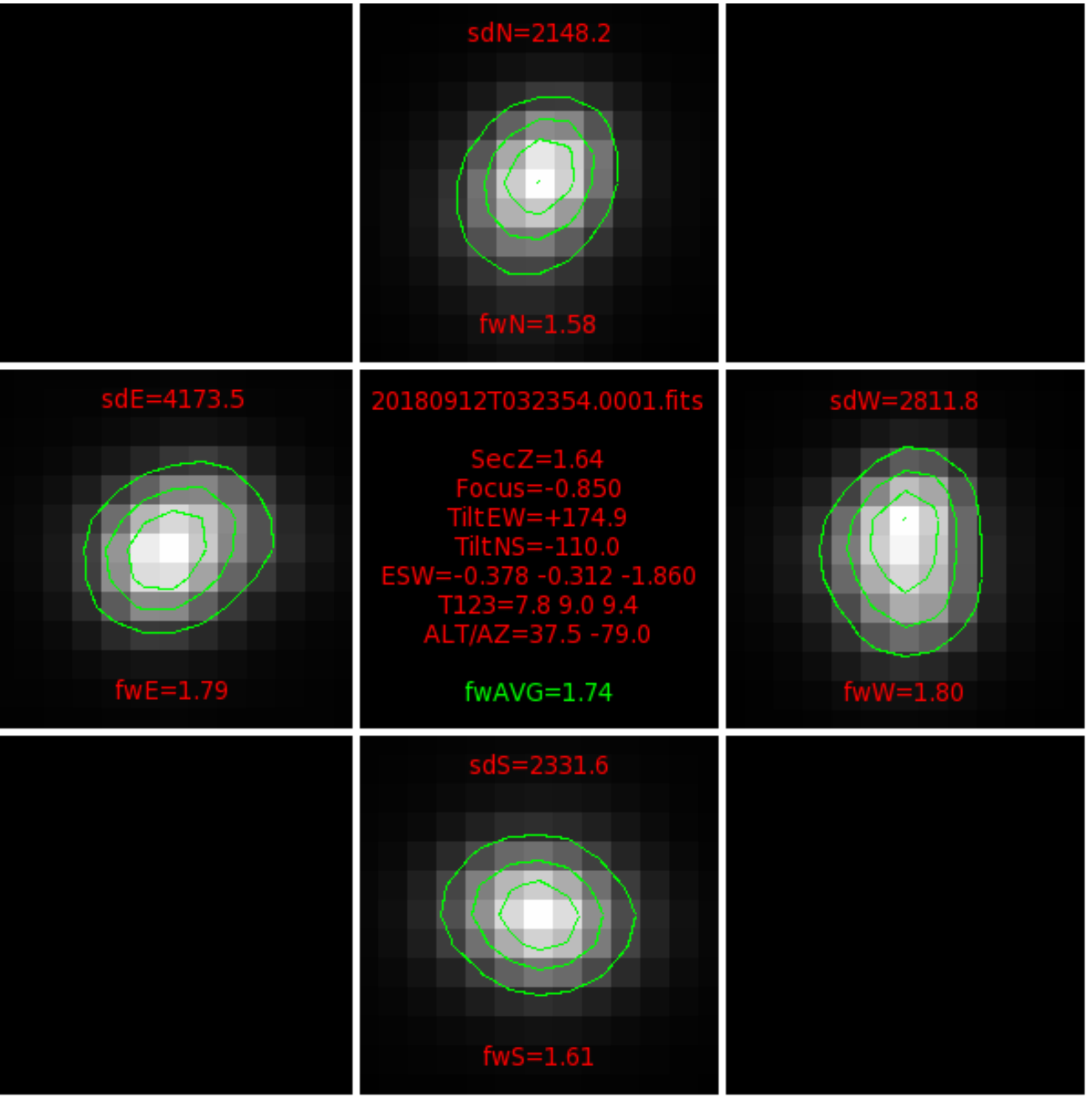
sdN=2148.2
fwN=1.58
sdE=4173.5
fwE=1.79
20180912T032354.0001.fits
SecZ=1.64
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.8 9.0 9.4
ALT/AZ=37.5 -79.0
fwAVG=1.74
sdW=2811.8
fwW=1.80
sdS=2331.6
fwS=1.61
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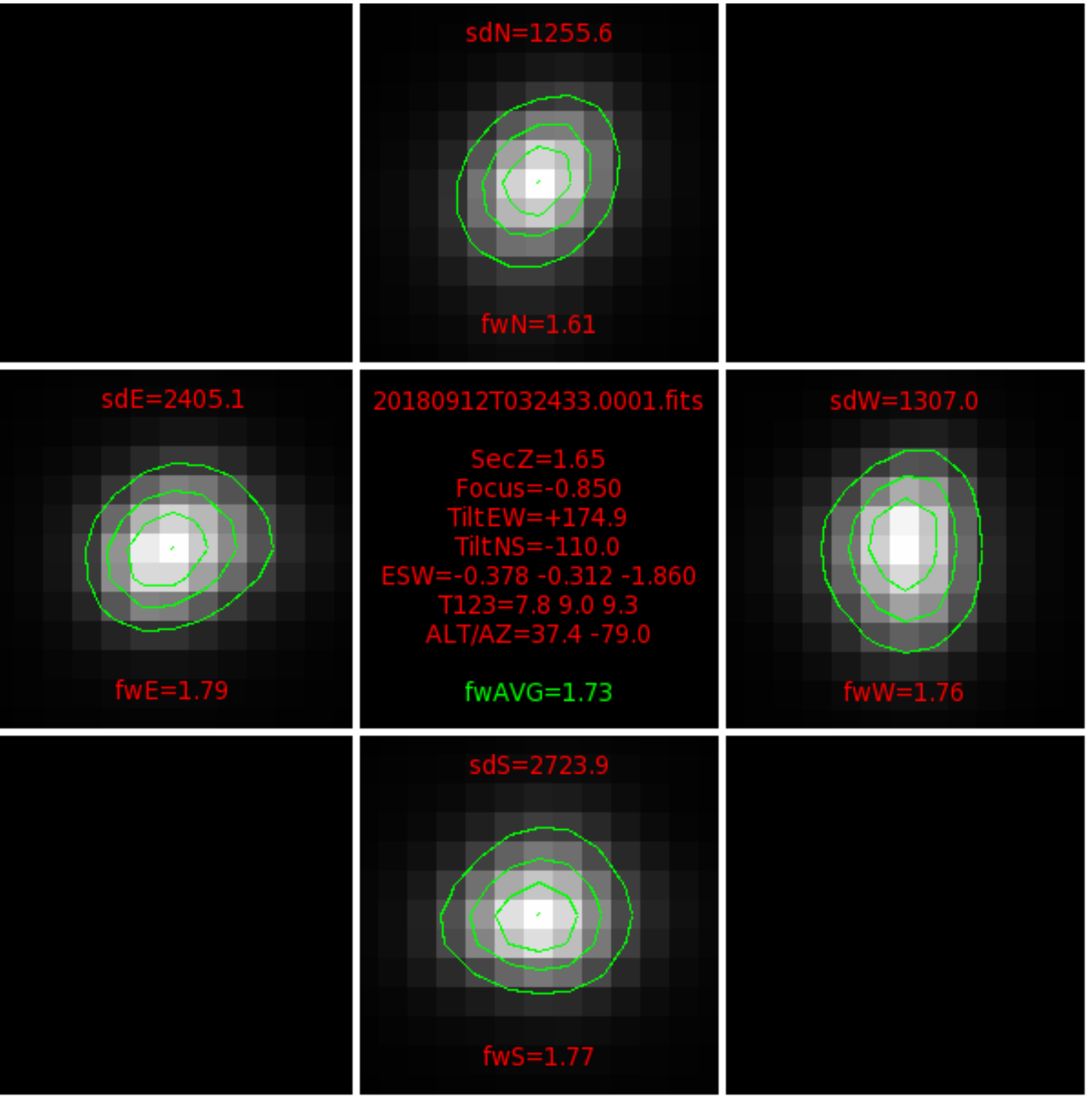
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sdE=2405.1
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SecZ=1.65
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.8 9.0 9.3
ALT/AZ=37.4 -79.0
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sdW=1307.0
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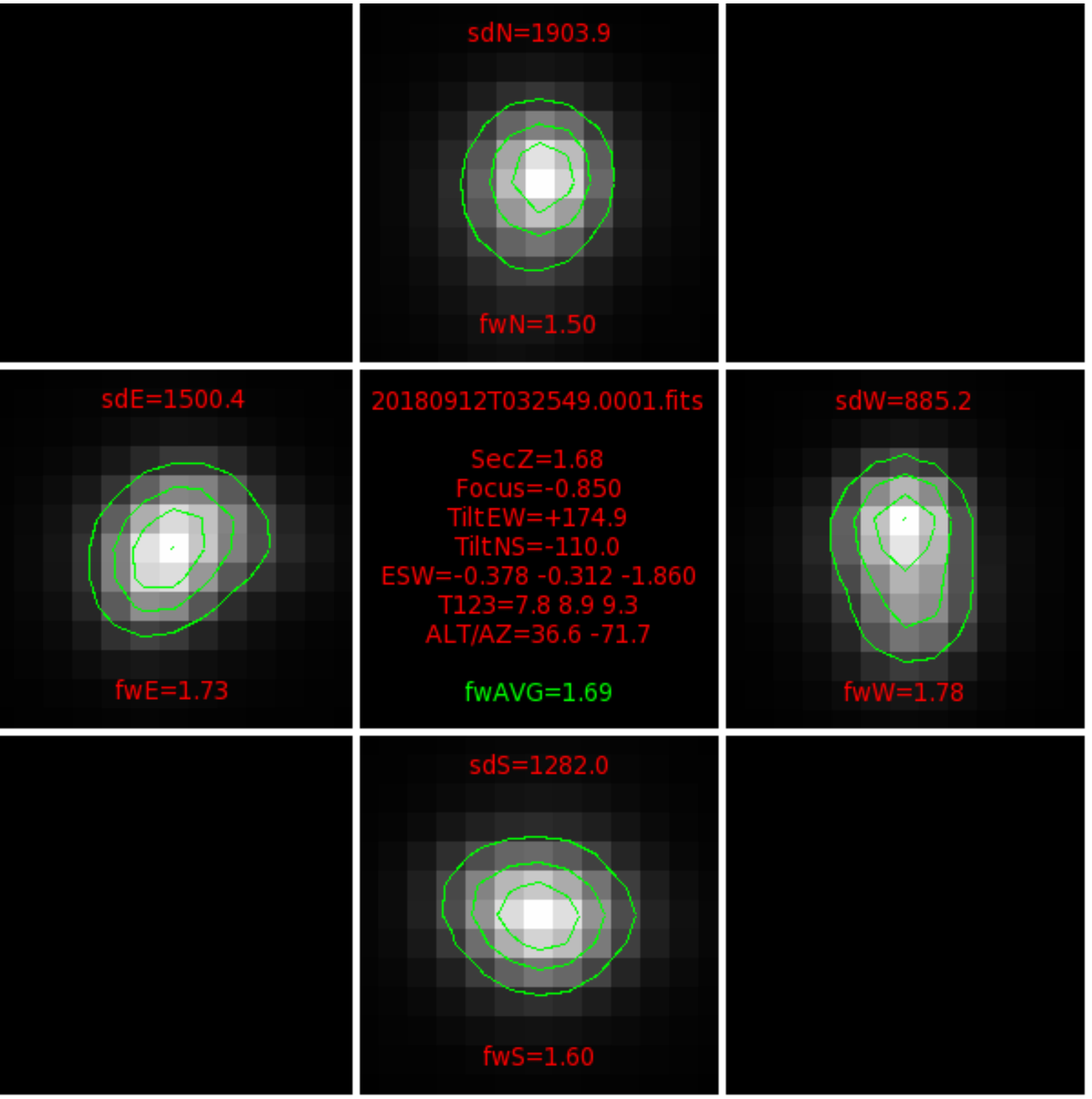
sdN=1903.9
fwN=1.50
sdE=1500.4
fwE=1.73
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SecZ=1.68
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.8 8.9 9.3
ALT/AZ=36.6 -71.7
fwAVG=1.69
sdW=885.2
fwW=1.78
sdS=1282.0
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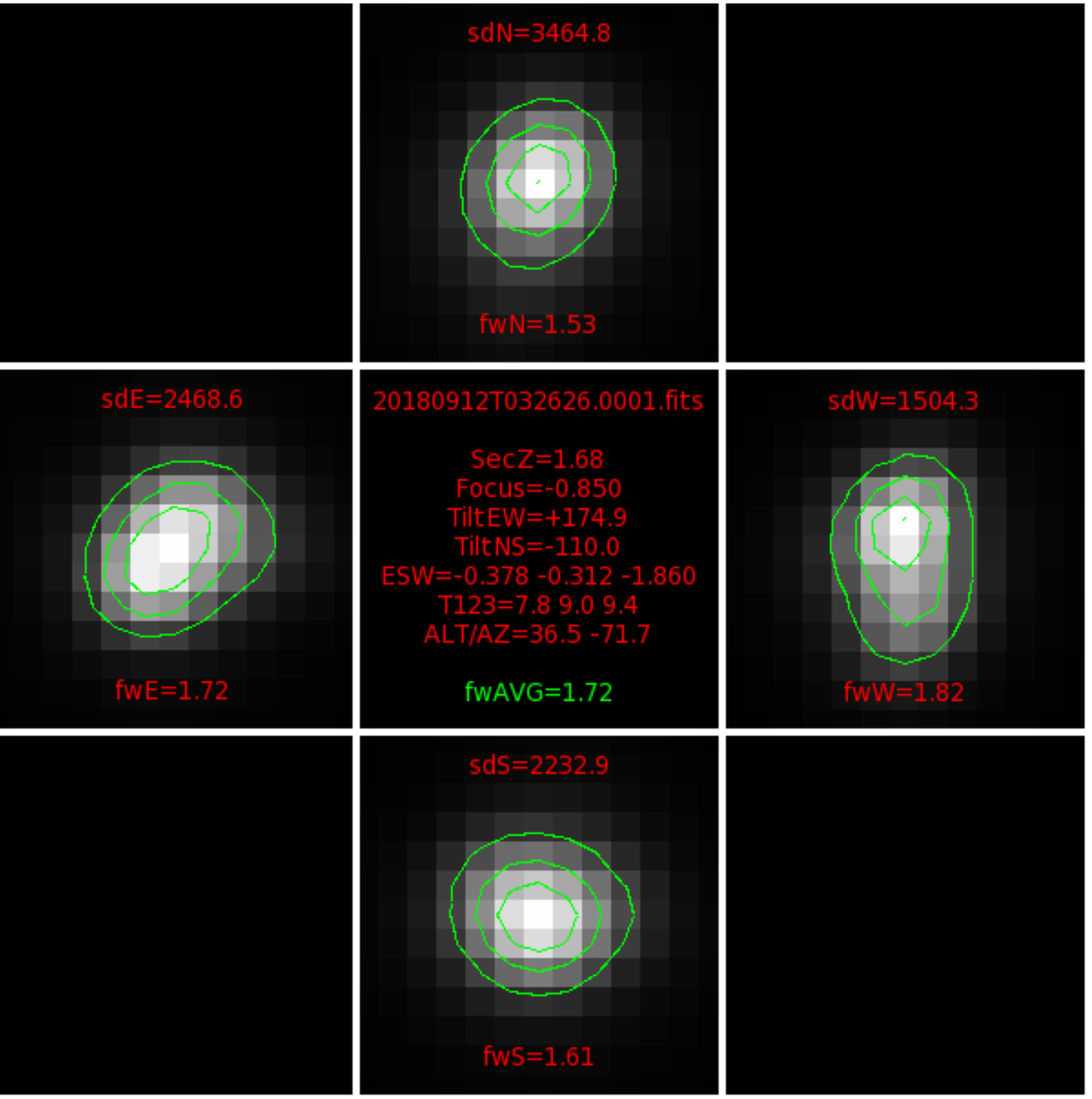
sdN=3464.8
fwN=1.53
sdE=2468.6
fwE=1.72
20180912T032626.0001.fits
SecZ=1.68
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.8 9.0 9.4
ALT/AZ=36.5 -71.7
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sdW=1504.3
fwW=1.82
sdS=2232.9
fwS=1.61
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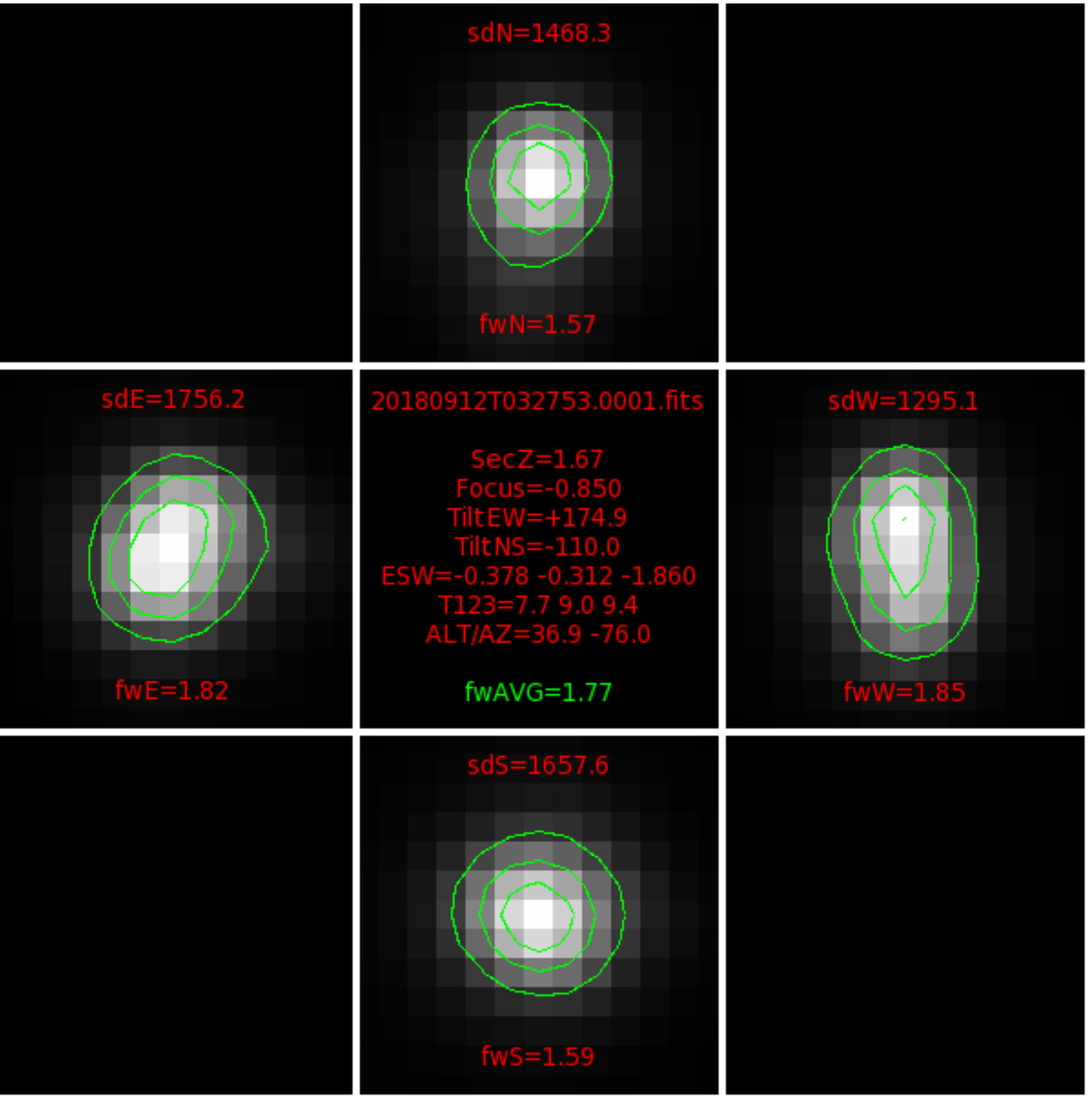
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fwN=1.57
sdE=1756.2
fwE=1.82
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SecZ=1.67
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.7 9.0 9.4
ALT/AZ=36.9 -76.0
fwAVG=1.77
sdW=1295.1
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sdS=1657.6
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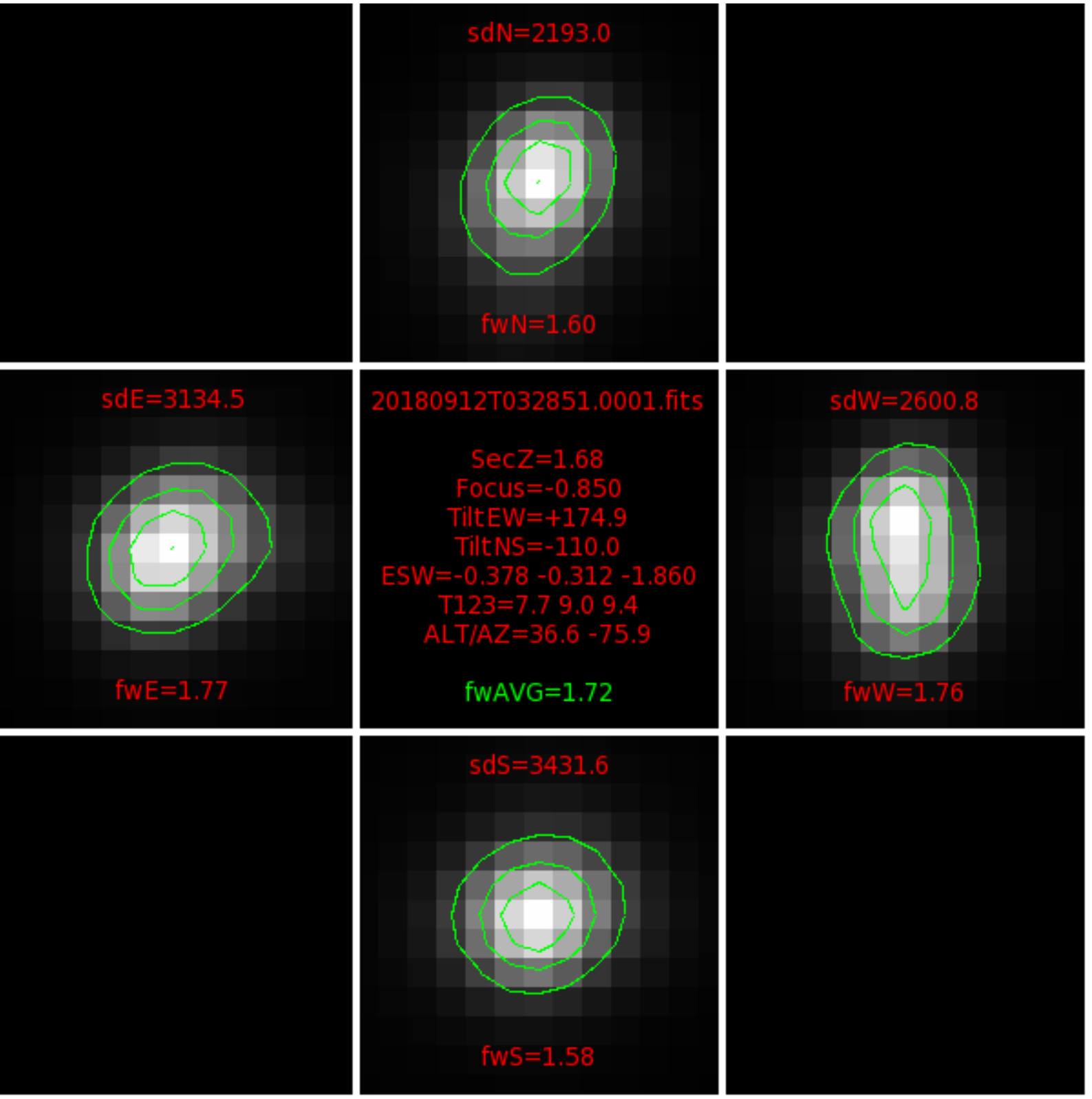
sdN=2193.0
fwN=1.60
sdE=3134.5
fwE=1.77
20180912T032851.0001.fits
SecZ=1.68
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.7 9.0 9.4
ALT/AZ=36.6 -75.9
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sdW=2600.8
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sdS=3431.6
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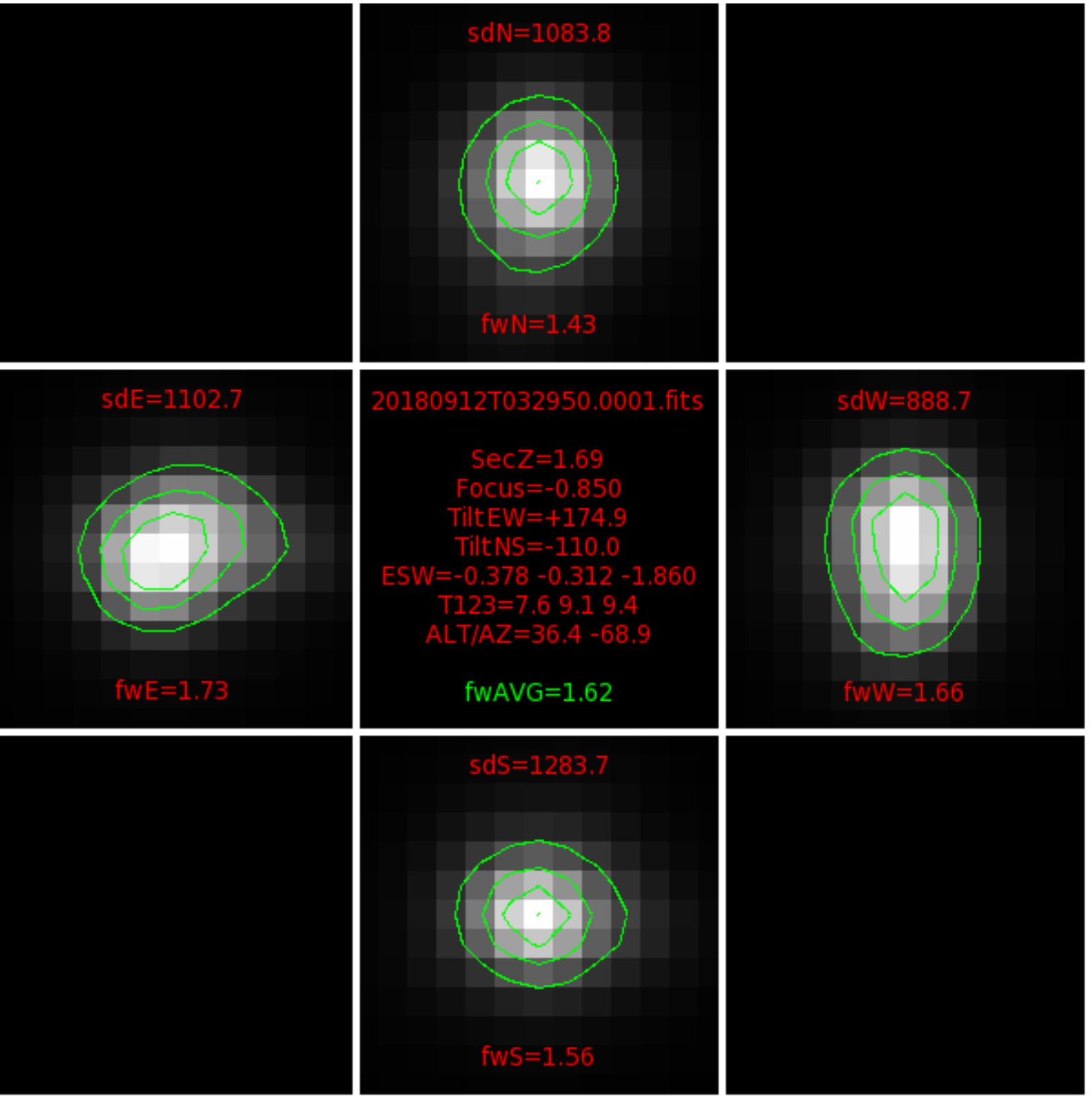
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fwE=1.73
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SecZ=1.69
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.6 9.1 9.4
ALT/AZ=36.4 -68.9
fwAVG=1.62
sdW=888.7
fwW=1.66
sdS=1283.7
fwS=1.56
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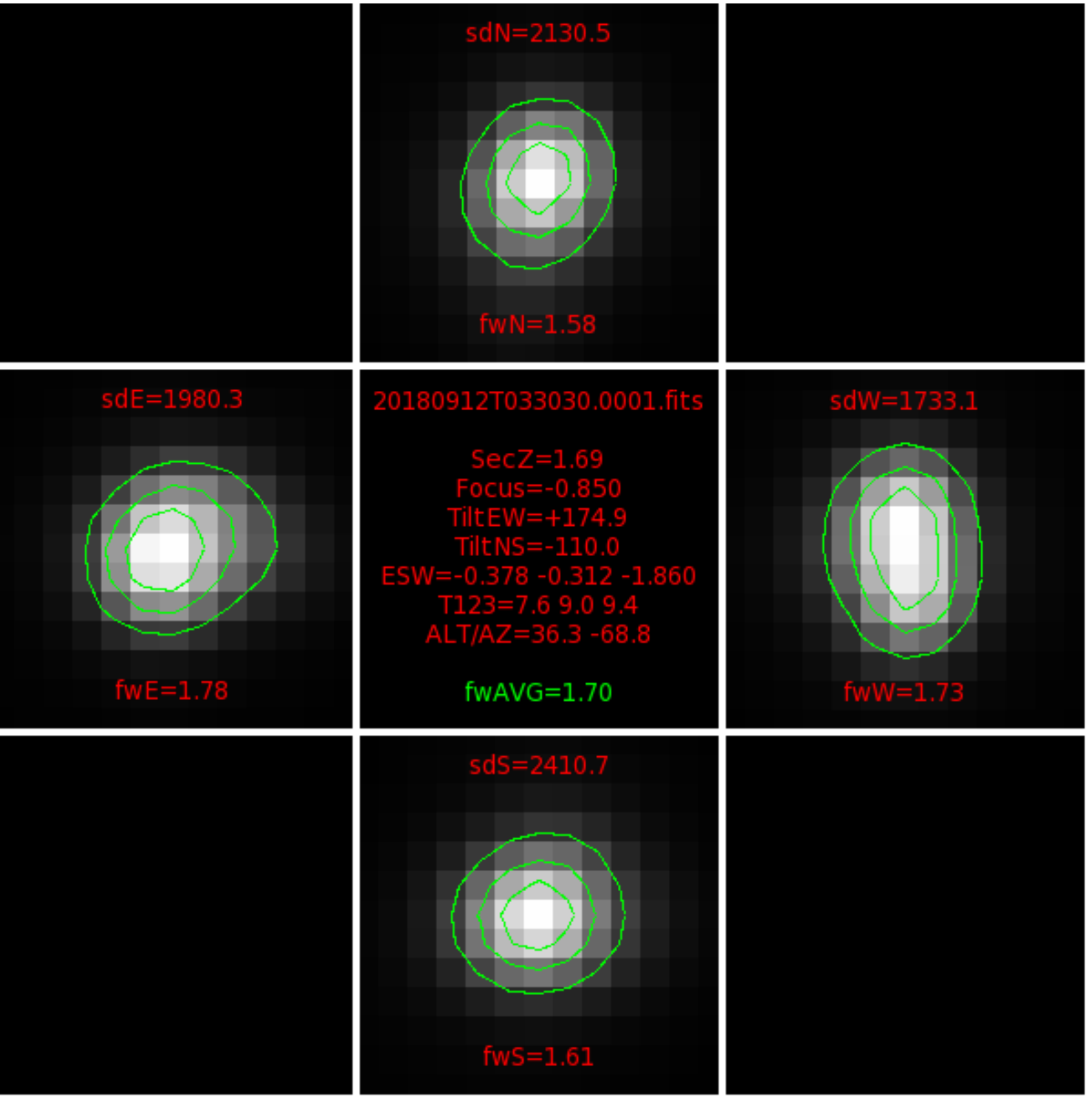
sdN=2130.5
fwN=1.58
sdE=1980.3
fwE=1.78
20180912T033030.0001.fits
SecZ=1.69
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.6 9.0 9.4
ALT/AZ=36.3 -68.8
fwAVG=1.70
sdW=1733.1
fwW=1.73
sdS=2410.7
fwS=1.61
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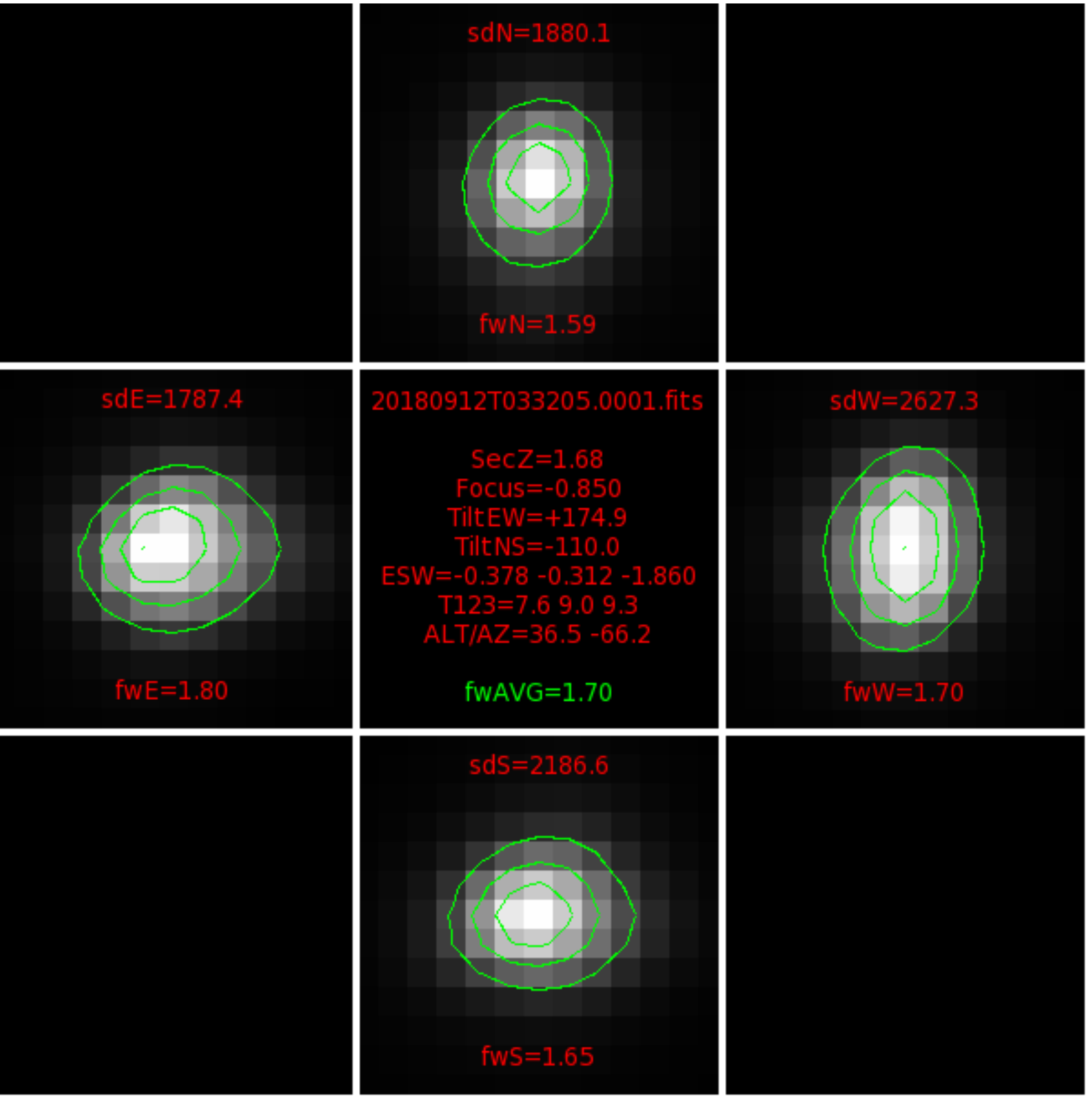
sdN=1880.1
fwN=1.59
sdE=1787.4
fwE=1.80
20180912T033205.0001.fits
SecZ=1.68
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.6 9.0 9.3
ALT/AZ=36.5 -66.2
fwAVG=1.70
sdW=2627.3
fwW=1.70
sdS=2186.6
fwS=1.65
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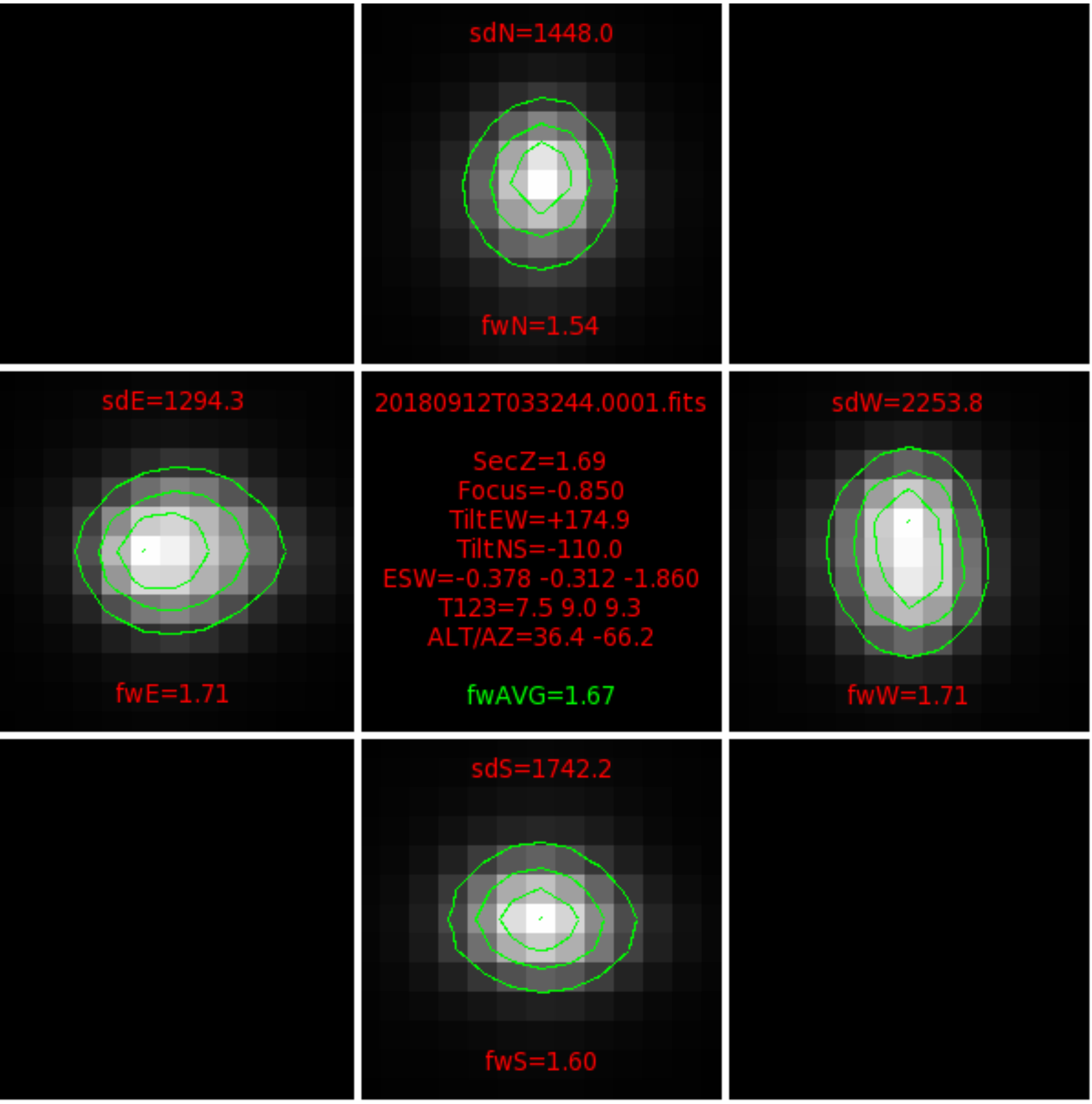
sdN=1448.0
fwN=1.54
sdE=1294.3
fwE=1.71
20180912T033244.0001.fits
SecZ=1.69
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.5 9.0 9.3
ALT/AZ=36.4 -66.2
fwAVG=1.67
sdW=2253.8
fwW=1.71
sdS=1742.2
fwS=1.60
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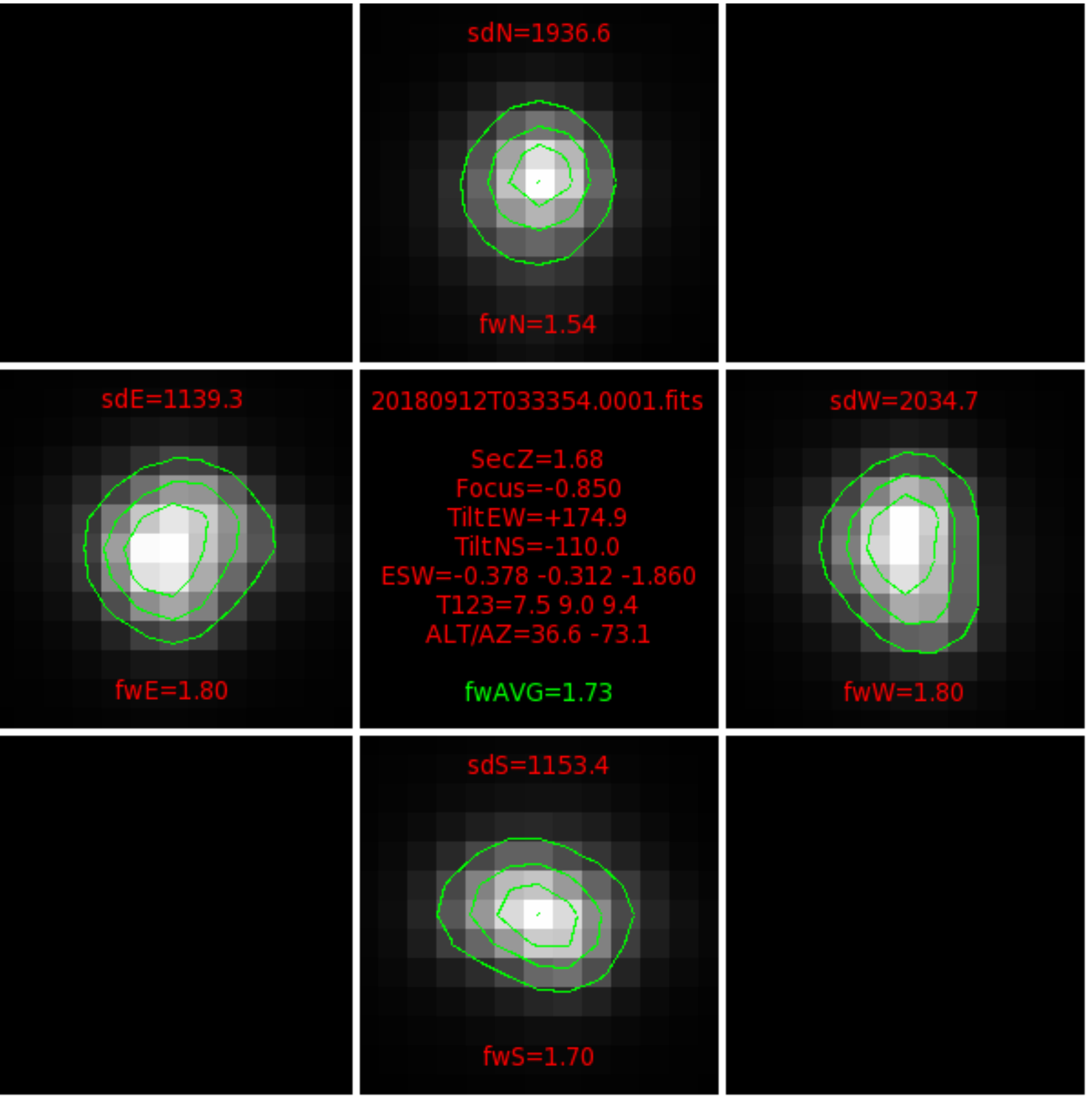
sdN=1936.6
fwN=1.54
sdE=1139.3
fwE=1.80
20180912T033354.0001.fits
SecZ=1.68
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.5 9.0 9.4
ALT/AZ=36.6 -73.1
fwAVG=1.73
sdW=2034.7
fwW=1.80
sdS=1153.4
fwS=1.70
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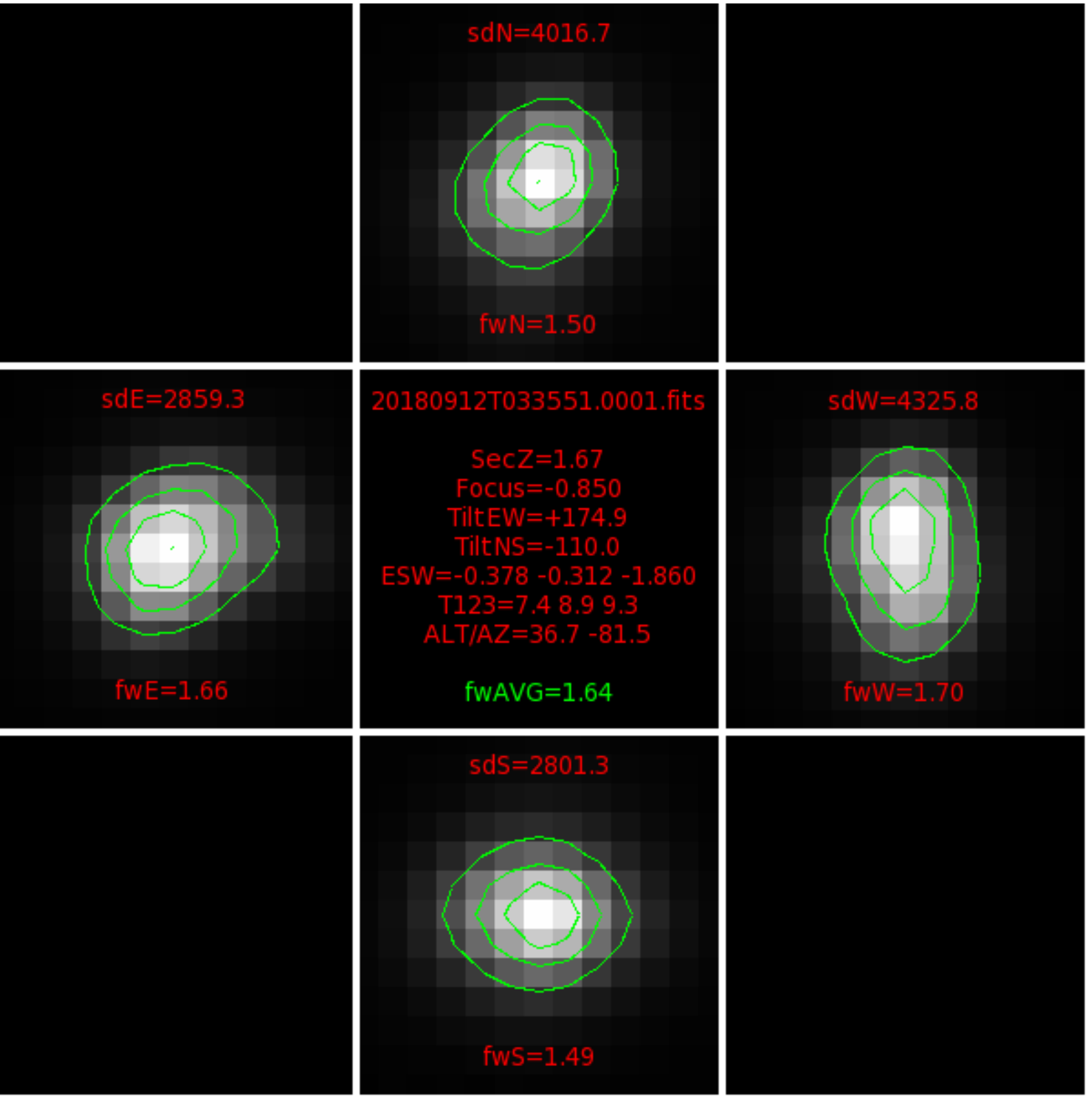
sdN=4016.7
fwN=1.50
sdE=2859.3
fwE=1.66
20180912T033551.0001.fits
SecZ=1.67
Focus=-0.850
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.378 -0.312 -1.860
T123=7.4 8.9 9.3
ALT/AZ=36.7 -81.5
fwAVG=1.64
sdW=4325.8
fwW=1.70
sdS=2801.3
fwS=1.49
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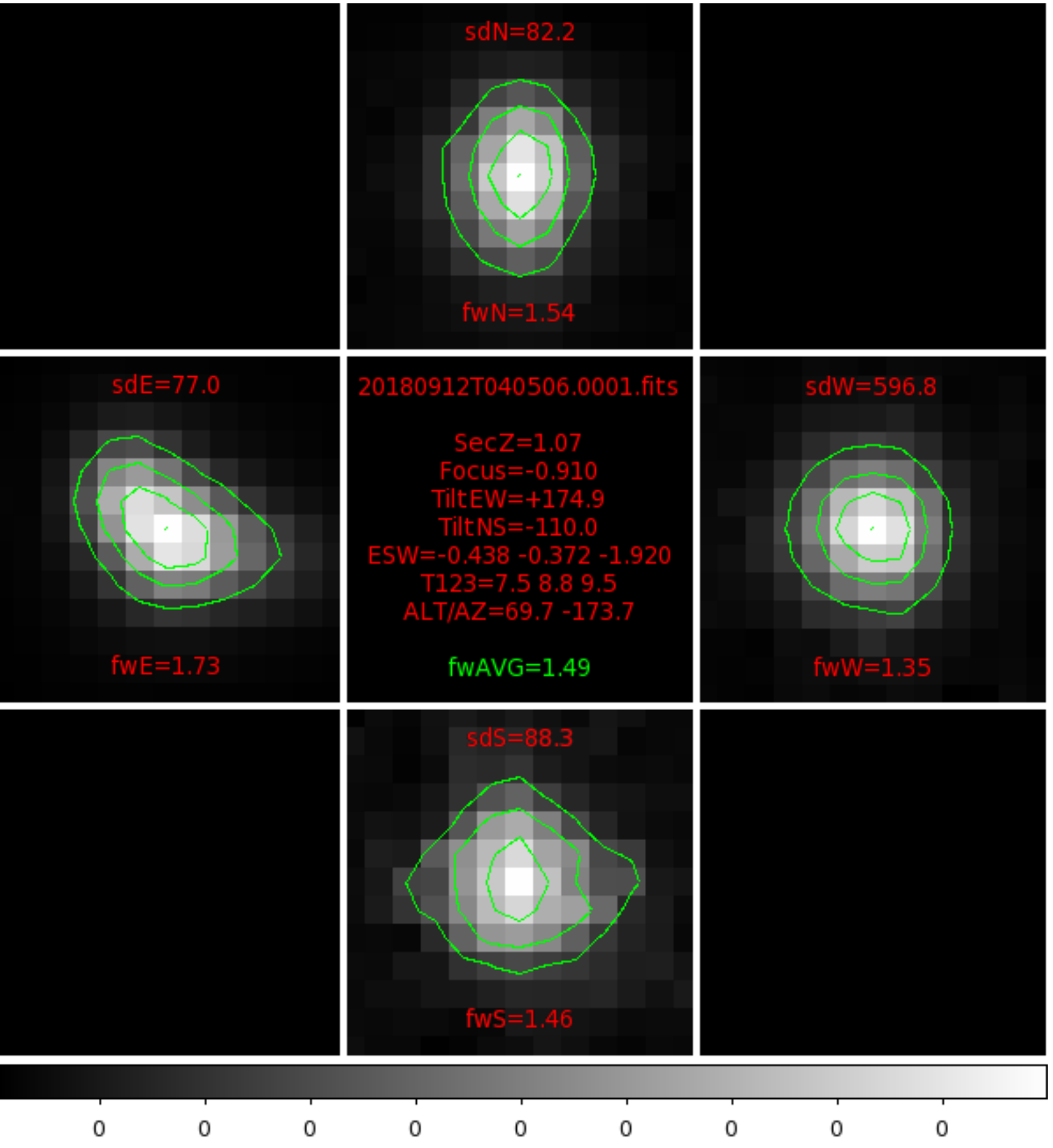
sdN=82.2
fwN=1.54
sdE=77.0
fwE=1.73
20180912T040506.0001.fits
SecZ=1.07
Focus=-0.910
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.438 -0.372 -1.920
T123=7.5 8.8 9.5
ALT/AZ=69.7 -173.7
fwAVG=1.49
sdW=596.8
fwW=1.35
sdS=88.3
fwS=1.46
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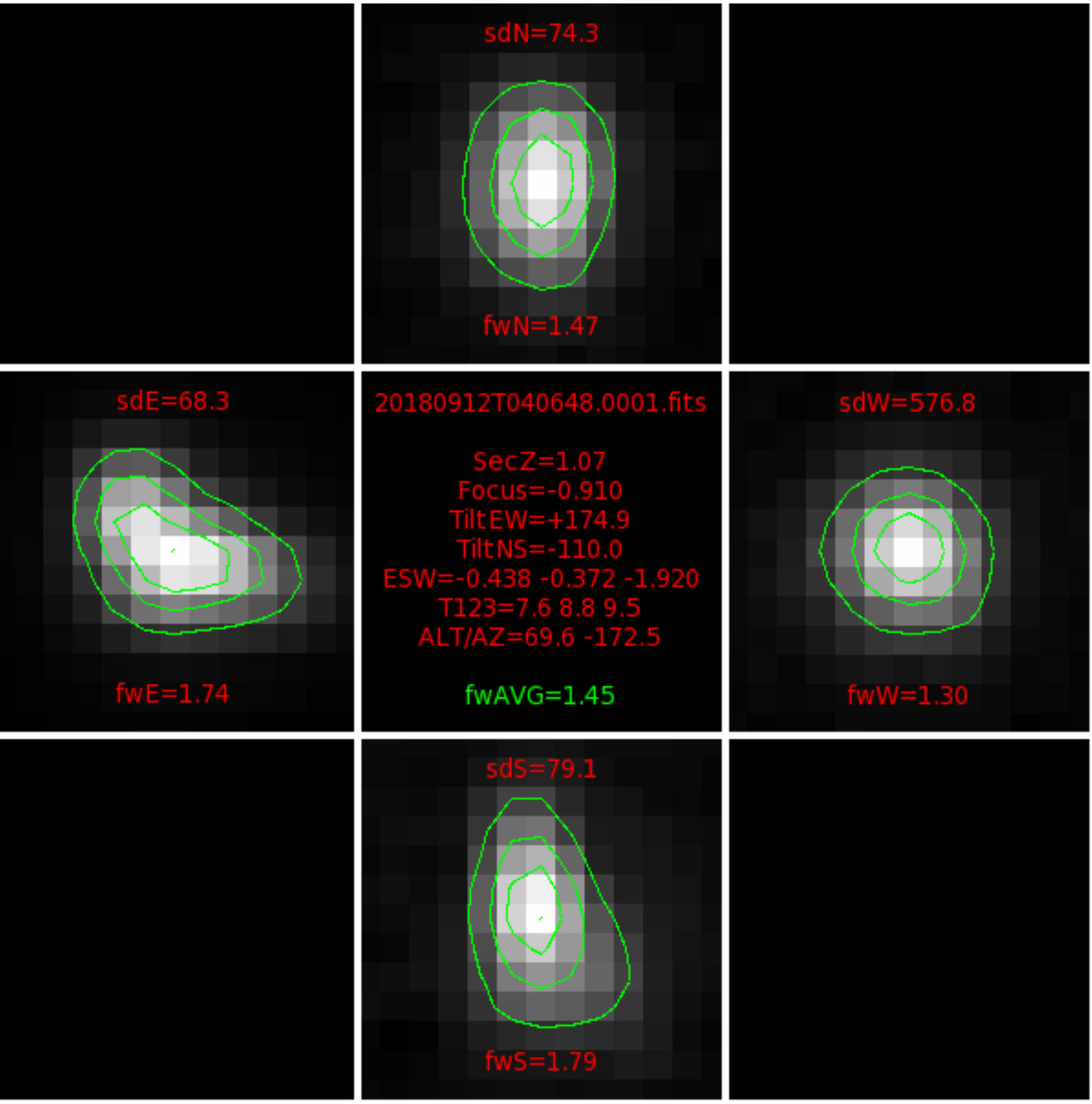
sdN=74.3
fwN=1.47
sdE=68.3
fwE=1.74
20180912T040648.0001.fits
SecZ=1.07
Focus=-0.910
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.438 -0.372 -1.920
T123=7.6 8.8 9.5
ALT/AZ=69.6 -172.5
fwAVG=1.45
sdW=576.8
fwW=1.30
sdS=79.1
fwS=1.79
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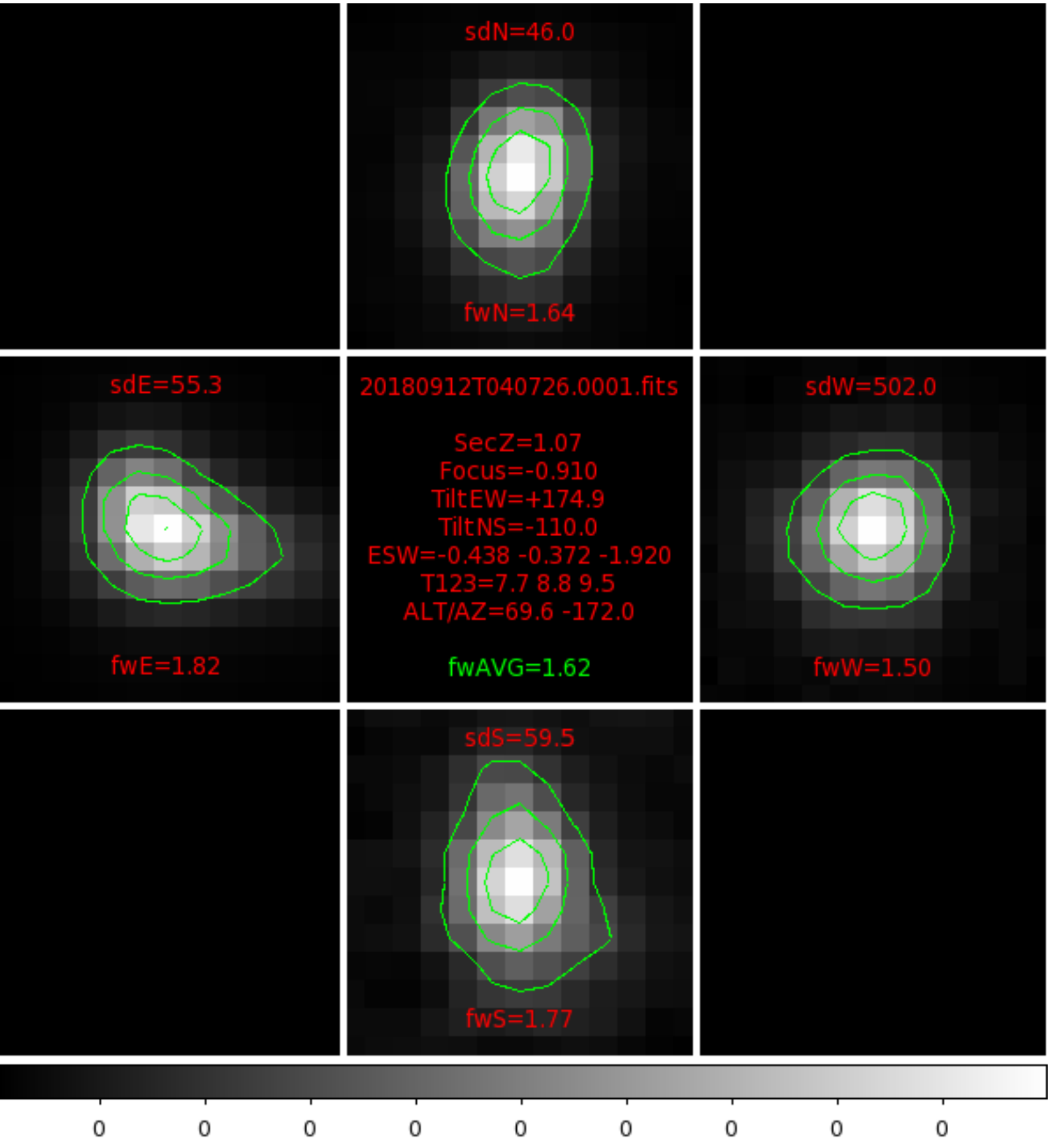
sdN=46.0
fwN=1.64
sdE=55.3
fwE=1.82
20180912T040726.0001.fits
SecZ=1.07
Focus=-0.910
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.438 -0.372 -1.920
T123=7.7 8.8 9.5
ALT/AZ=69.6 -172.0
fwAVG=1.62
sdW=502.0
fwW=1.50
sdS=59.5
fwS=1.77
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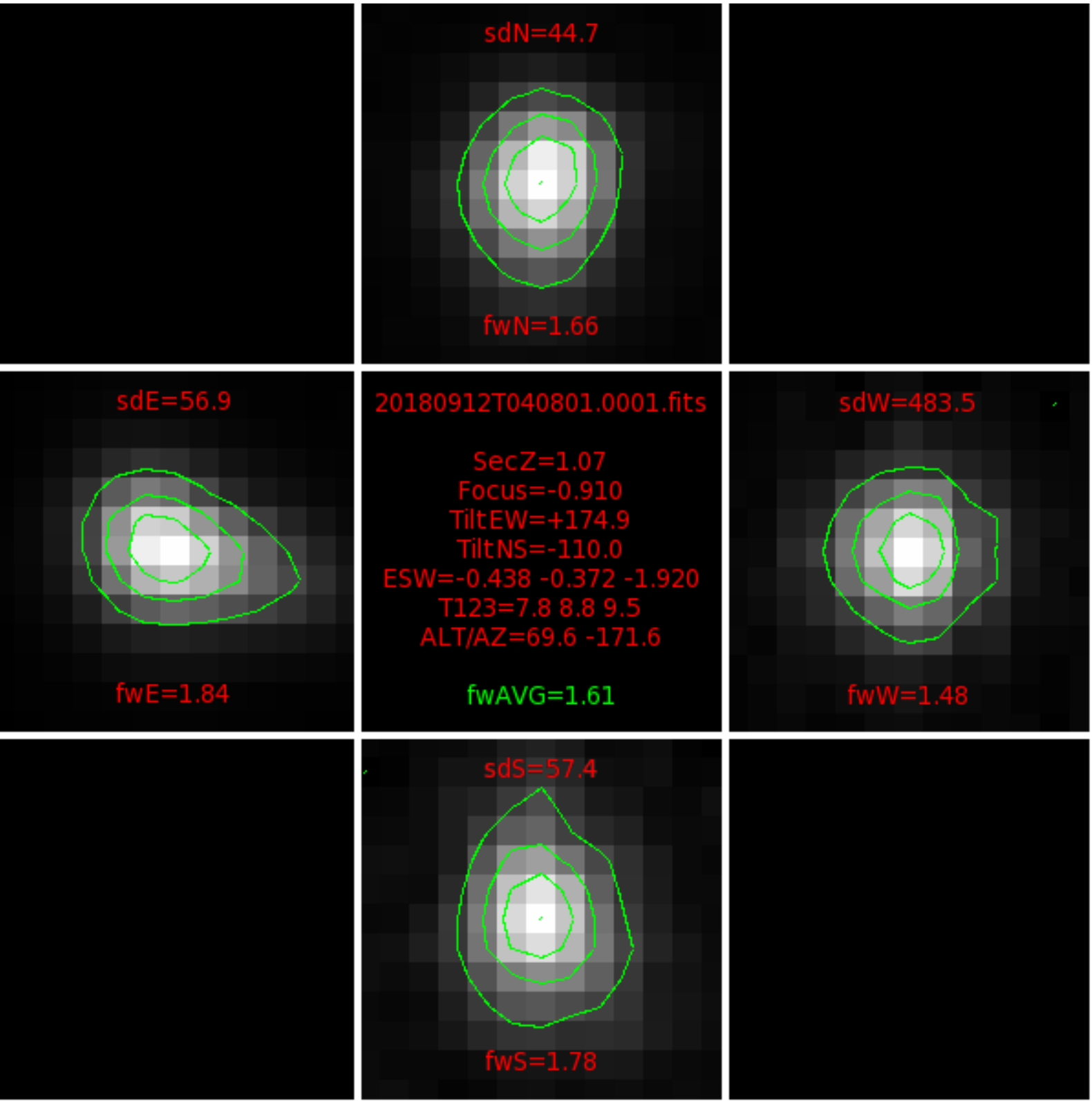
sdN=44.7
fwN=1.66
sdE=56.9
fwE=1.84
20180912T040801.0001.fits
SecZ=1.07
Focus=-0.910
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.438 -0.372 -1.920
T123=7.8 8.8 9.5
ALT/AZ=69.6 -171.6
fwAVG=1.61
sdW=483.5
fwW=1.48
sdS=57.4
fwS=1.78
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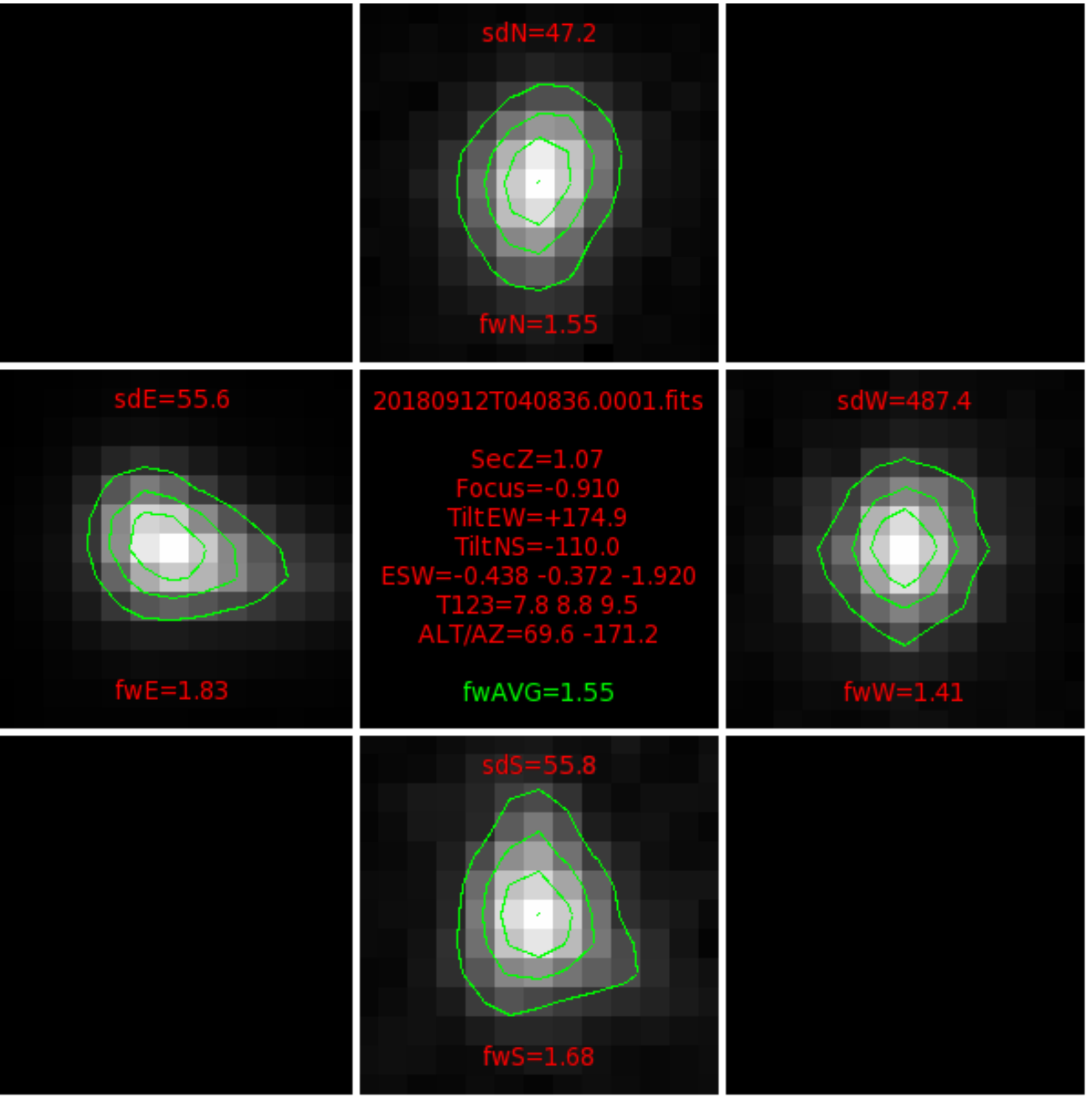
sdN=47.2
fwN=1.55
sdE=55.6
fwE=1.83
20180912T040836.0001.fits
SecZ=1.07
Focus=-0.910
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.438 -0.372 -1.920
T123=7.8 8.8 9.5
ALT/AZ=69.6 -171.2
fwAVG=1.55
sdW=487.4
fwW=1.41
sdS=55.8
fwS=1.68
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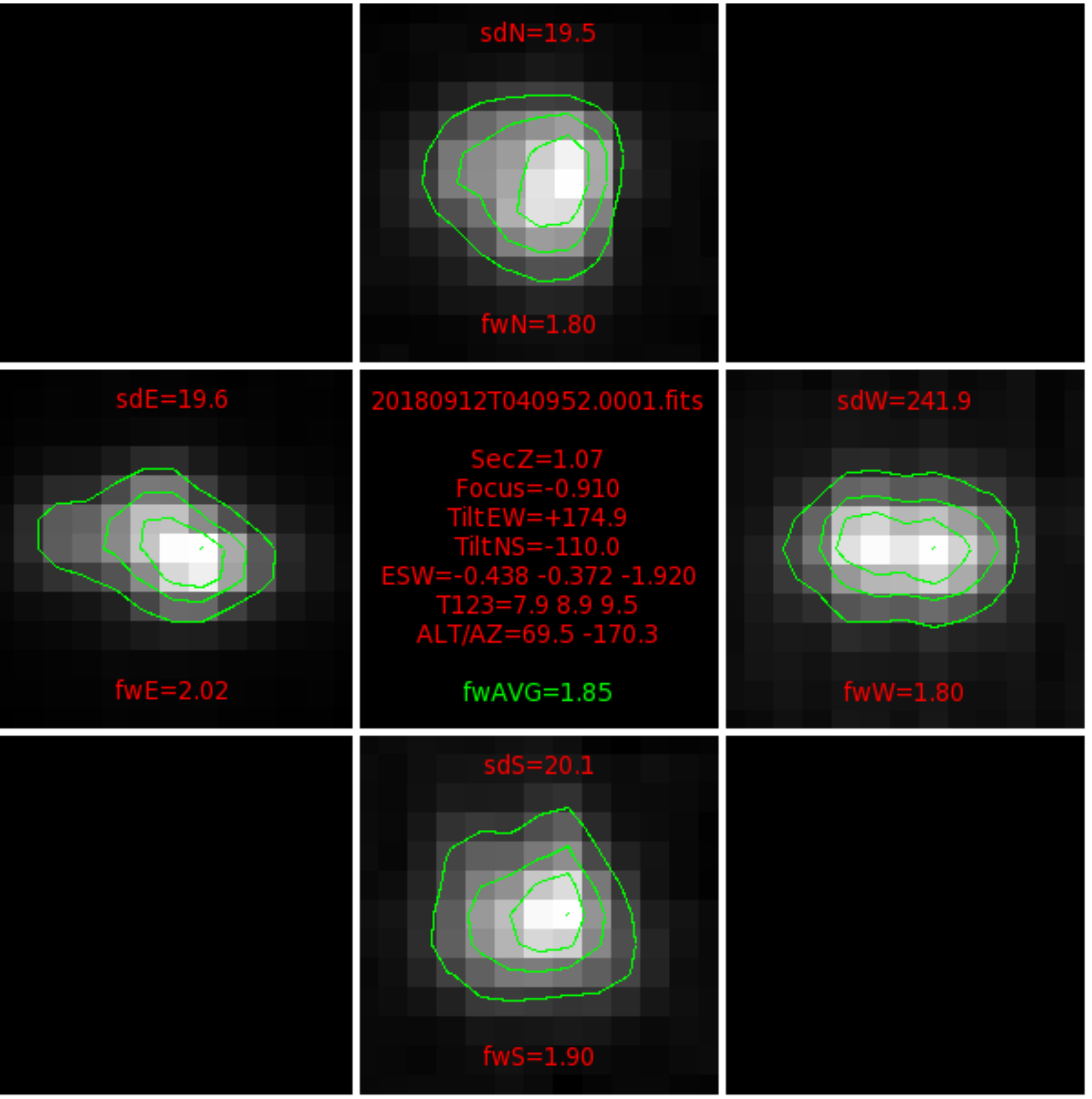
sdN=19.5
fwN=1.80
sdE=19.6
fwE=2.02
20180912T040952.0001.fits
SecZ=1.07
Focus=-0.910
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.438 -0.372 -1.920
T123=7.9 8.9 9.5
ALT/AZ=69.5 -170.3
fwAVG=1.85
sdW=241.9
fwW=1.80
sdS=20.1
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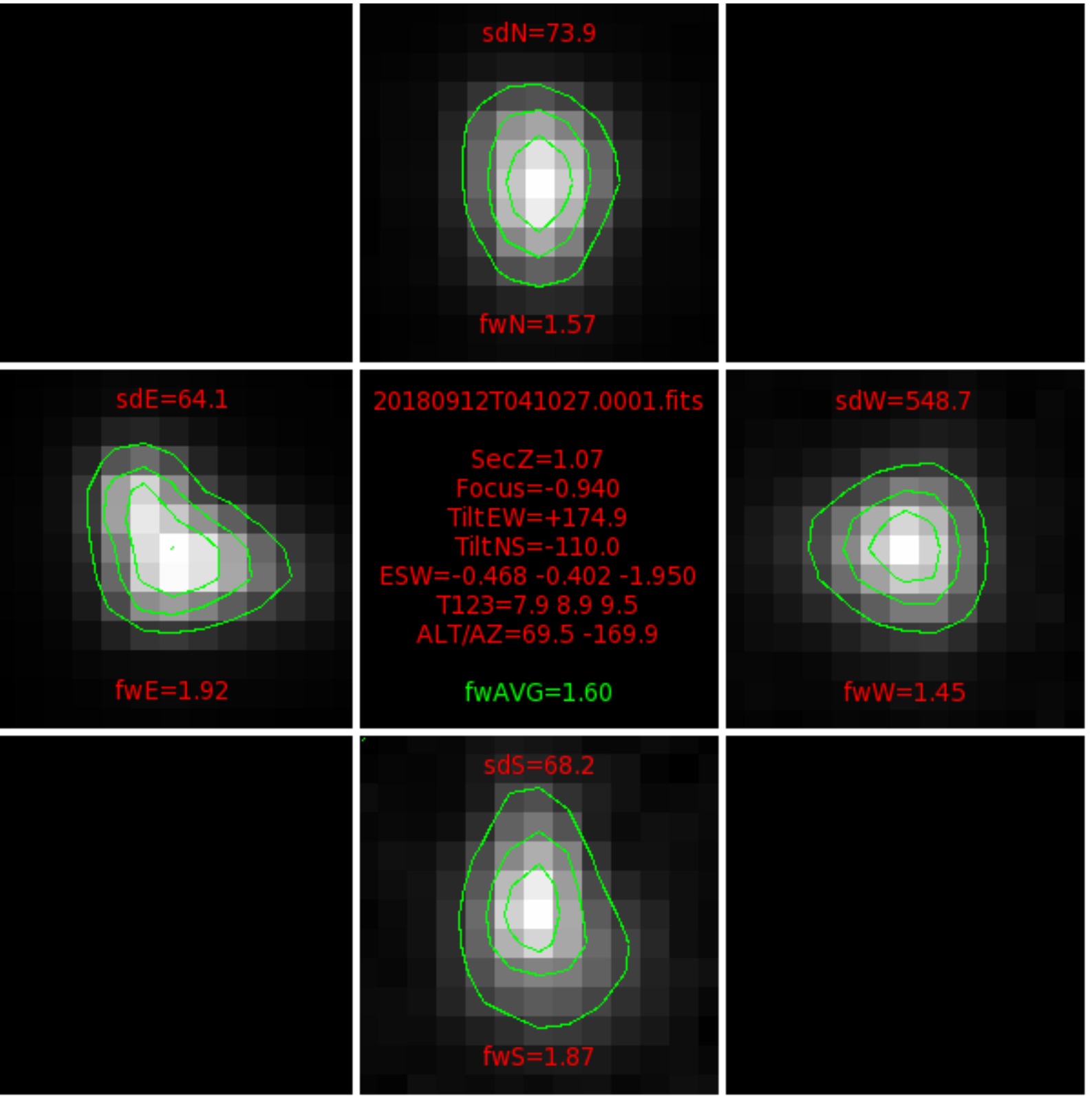
sdN=73.9
fwN=1.57
sdE=64.1
fwE=1.92
20180912T041027.0001.fits
SecZ=1.07
Focus=-0.940
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.468 -0.402 -1.950
T123=7.9 8.9 9.5
ALT/AZ=69.5 -169.9
fwAVG=1.60
sdW=548.7
fwW=1.45
sdS=68.2
fwS=1.87
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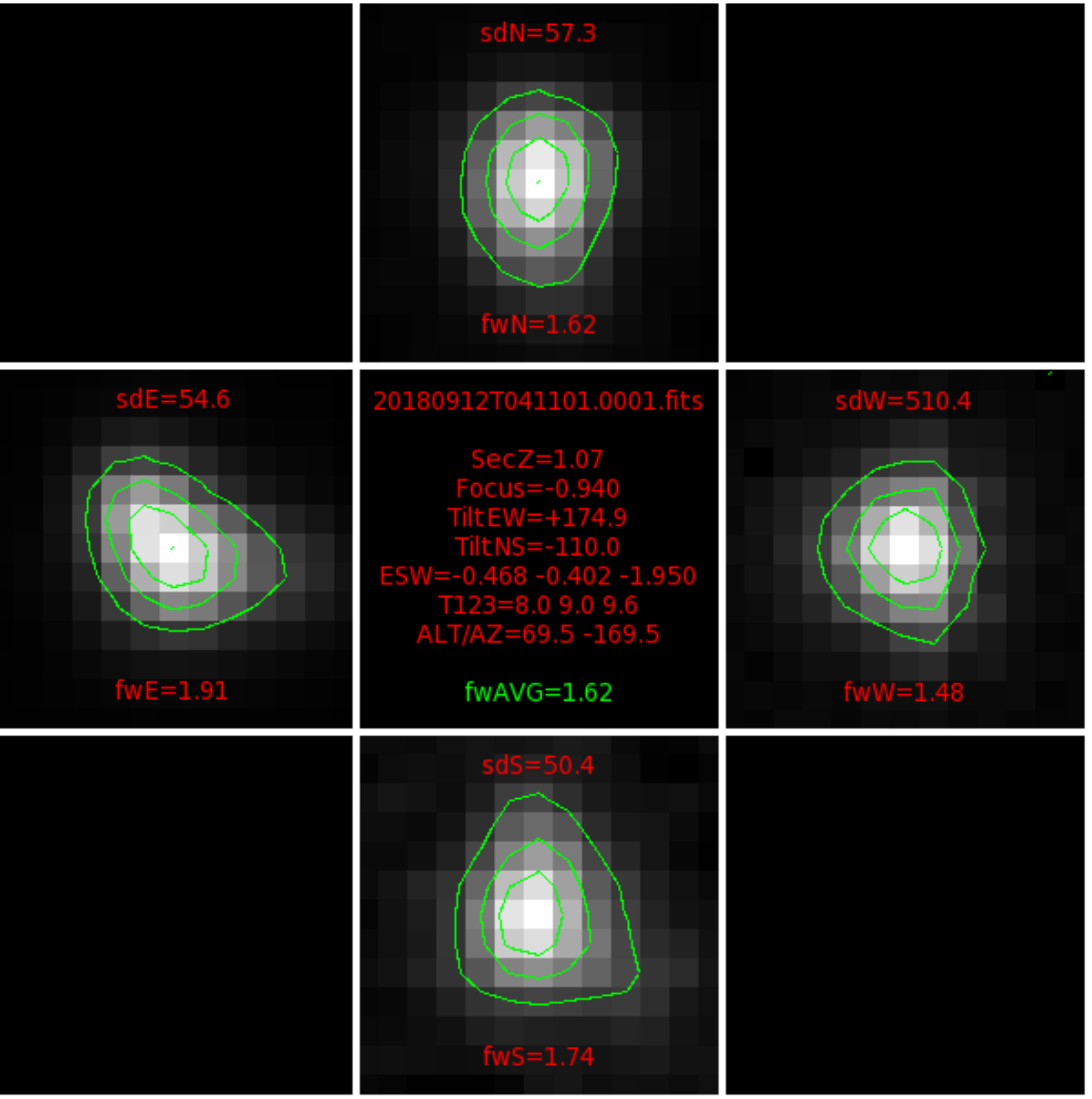
sdN=57.3
fwN=1.62
sdE=54.6
fwE=1.91
20180912T041101.0001.fits
SecZ=1.07
Focus=-0.940
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.468 -0.402 -1.950
T123=8.0 9.0 9.6
ALT/AZ=69.5 -169.5
fwAVG=1.62
sdW=510.4
fwW=1.48
sdS=50.4
fwS=1.74
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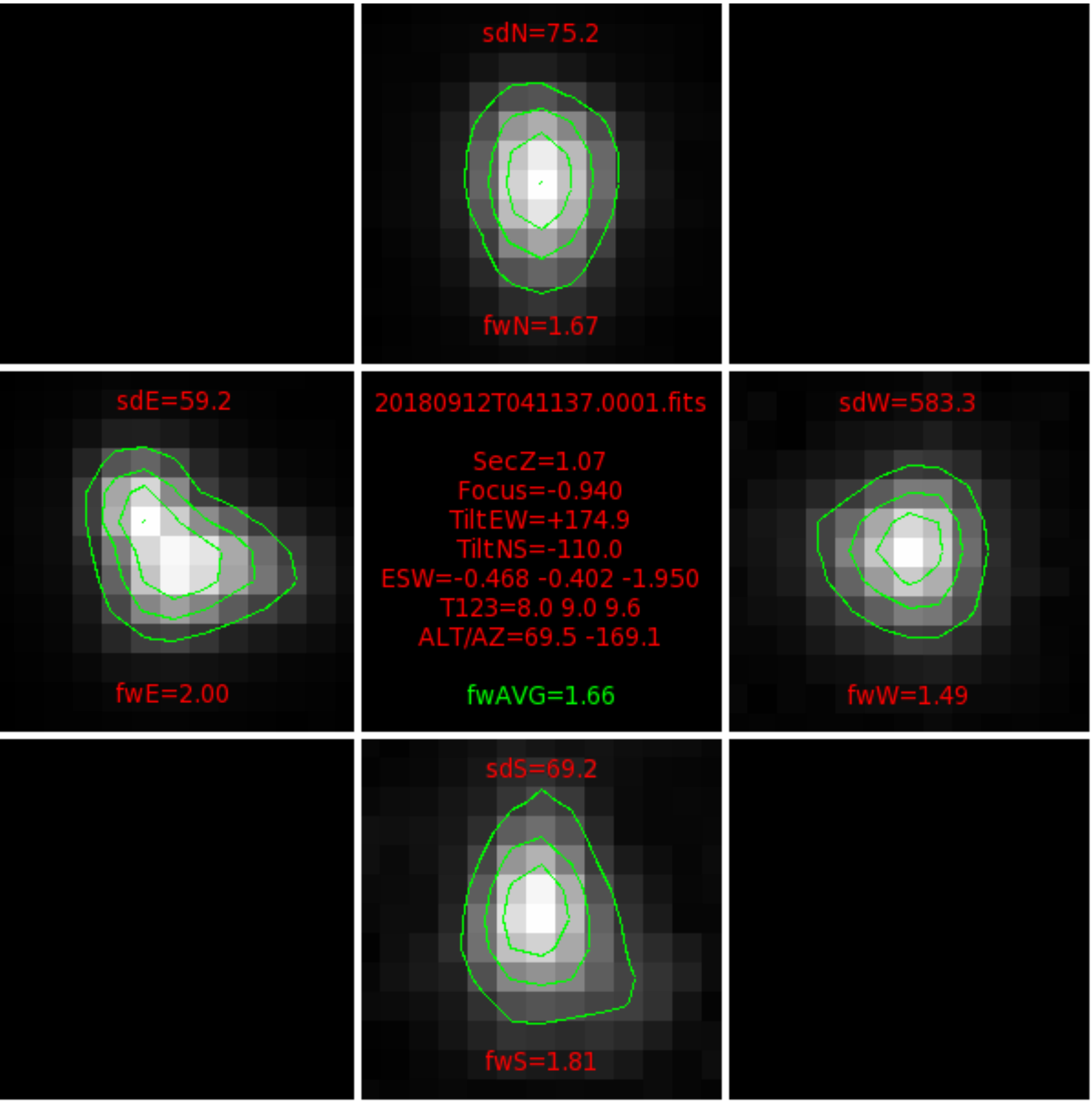
sdN=75.2
fwN=1.67
sdE=59.2
fwE=2.00
20180912T041137.0001.fits
SecZ=1.07
Focus=-0.940
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.468 -0.402 -1.950
T123=8.0 9.0 9.6
ALT/AZ=69.5 -169.1
fwAVG=1.66
sdW=583.3
fwW=1.49
sdS=69.2
fwS=1.81
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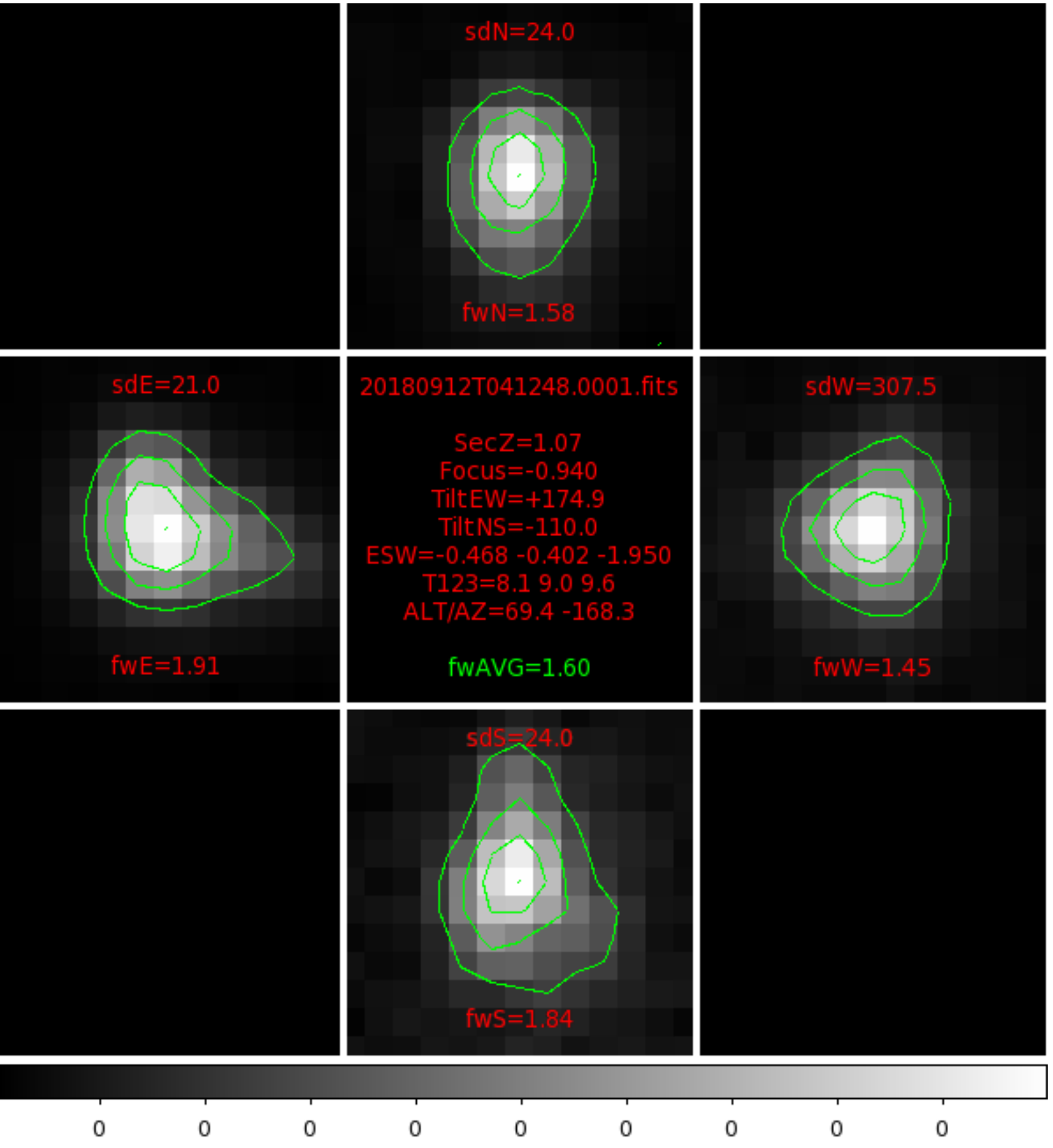
sdN=24.0
fwN=1.58
sdE=21.0
fwE=1.91
20180912T041248.0001.fits
SecZ=1.07
Focus=-0.940
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.468 -0.402 -1.950
T123=8.1 9.0 9.6
ALT/AZ=69.4 -168.3
fwAVG=1.60
sdW=307.5
fwW=1.45
sdS=24.0
fwS=1.84
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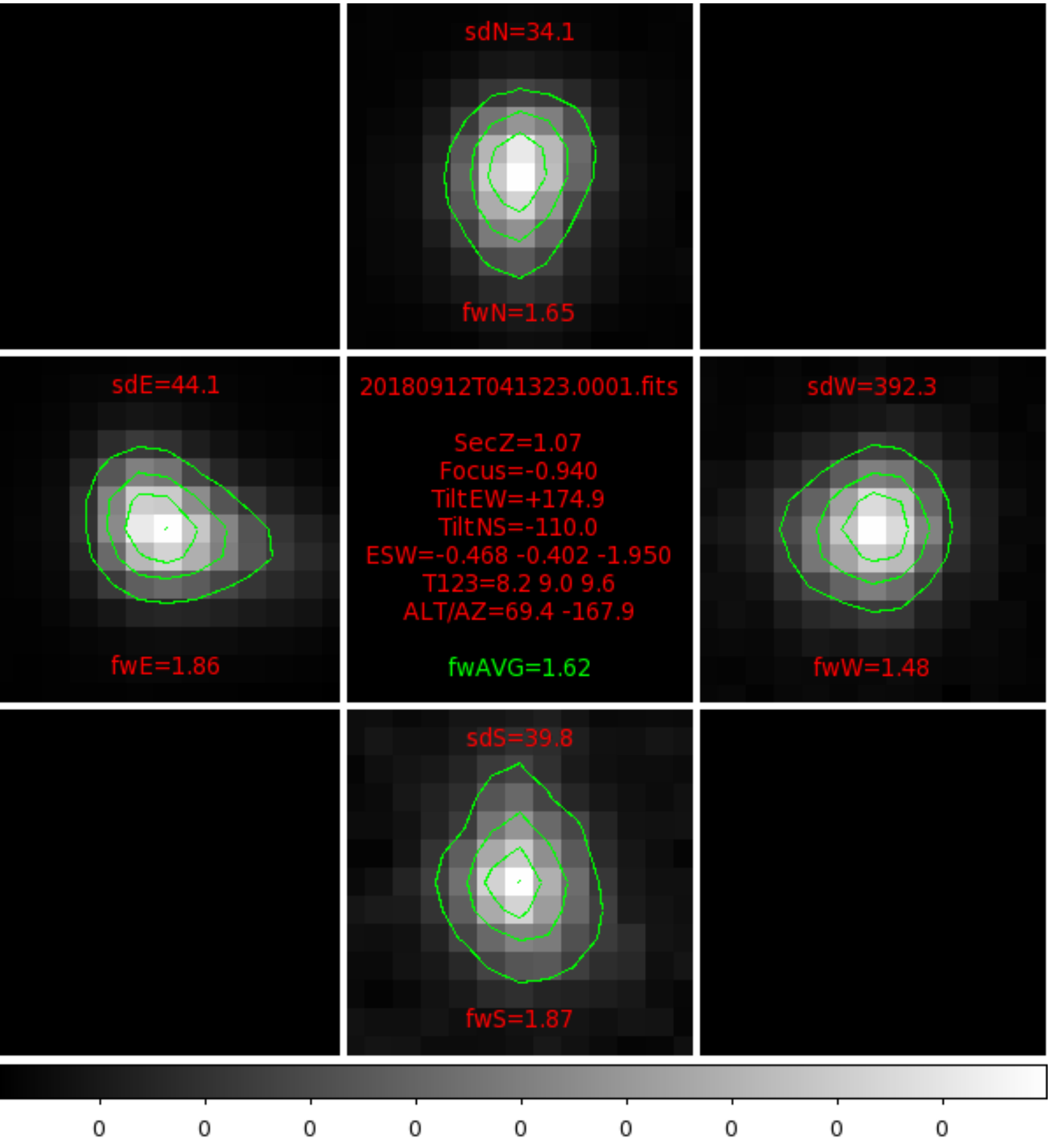
sdN=34.1
fwN=1.65
sdE=44.1
fwE=1.86
20180912T041323.0001.fits
SecZ=1.07
Focus=-0.940
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.468 -0.402 -1.950
T123=8.2 9.0 9.6
ALT/AZ=69.4 -167.9
fwAVG=1.62
sdW=392.3
fwW=1.48
sdS=39.8
fwS=1.87
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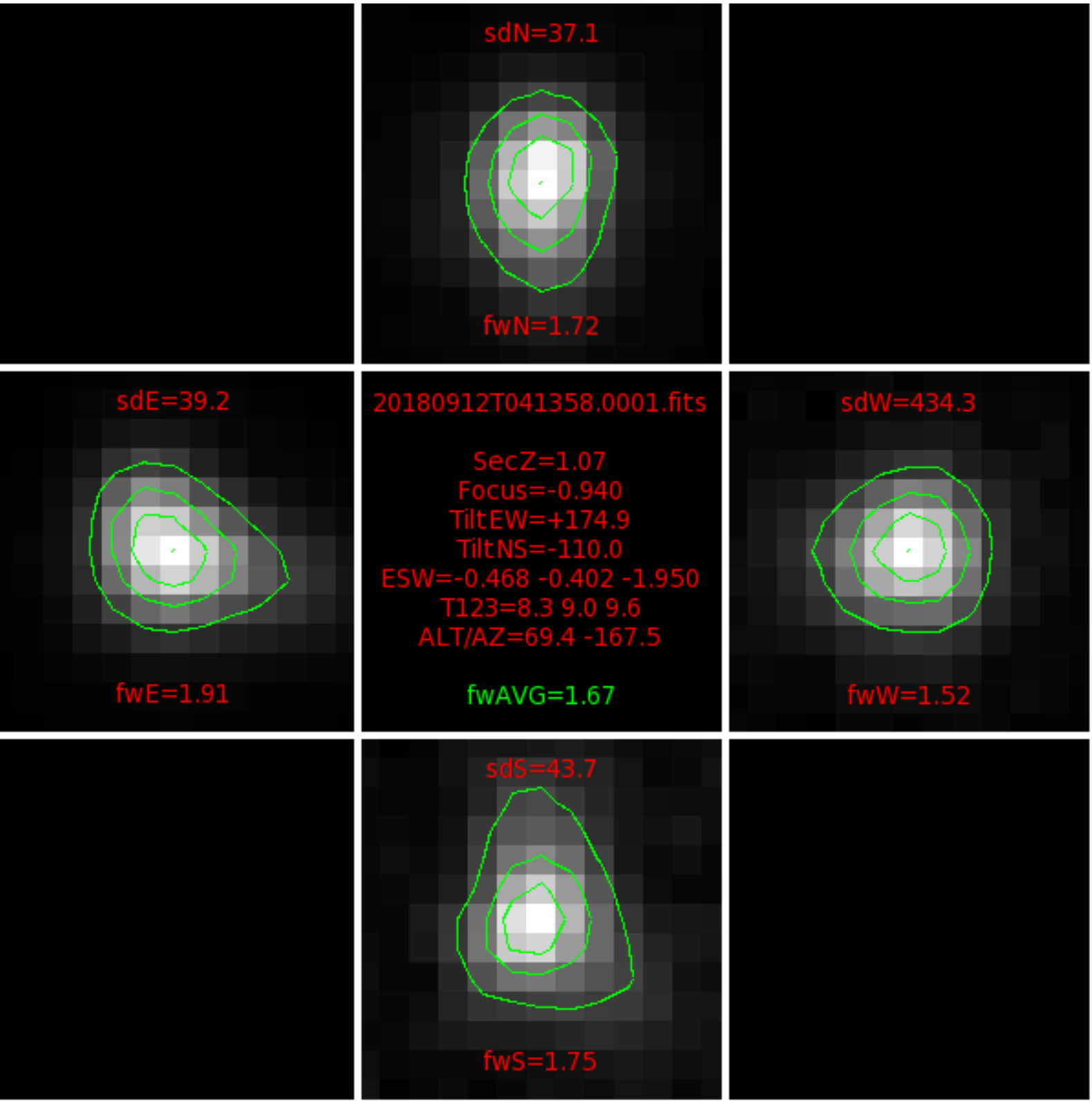
sdN=37.1
fwN=1.72
sdE=39.2
fwE=1.91
20180912T041358.0001.fits
SecZ=1.07
Focus=-0.940
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.468 -0.402 -1.950
T123=8.3 9.0 9.6
ALT/AZ=69.4 -167.5
fwAVG=1.67
sdW=434.3
fwW=1.52
sdS=43.7
fwS=1.75
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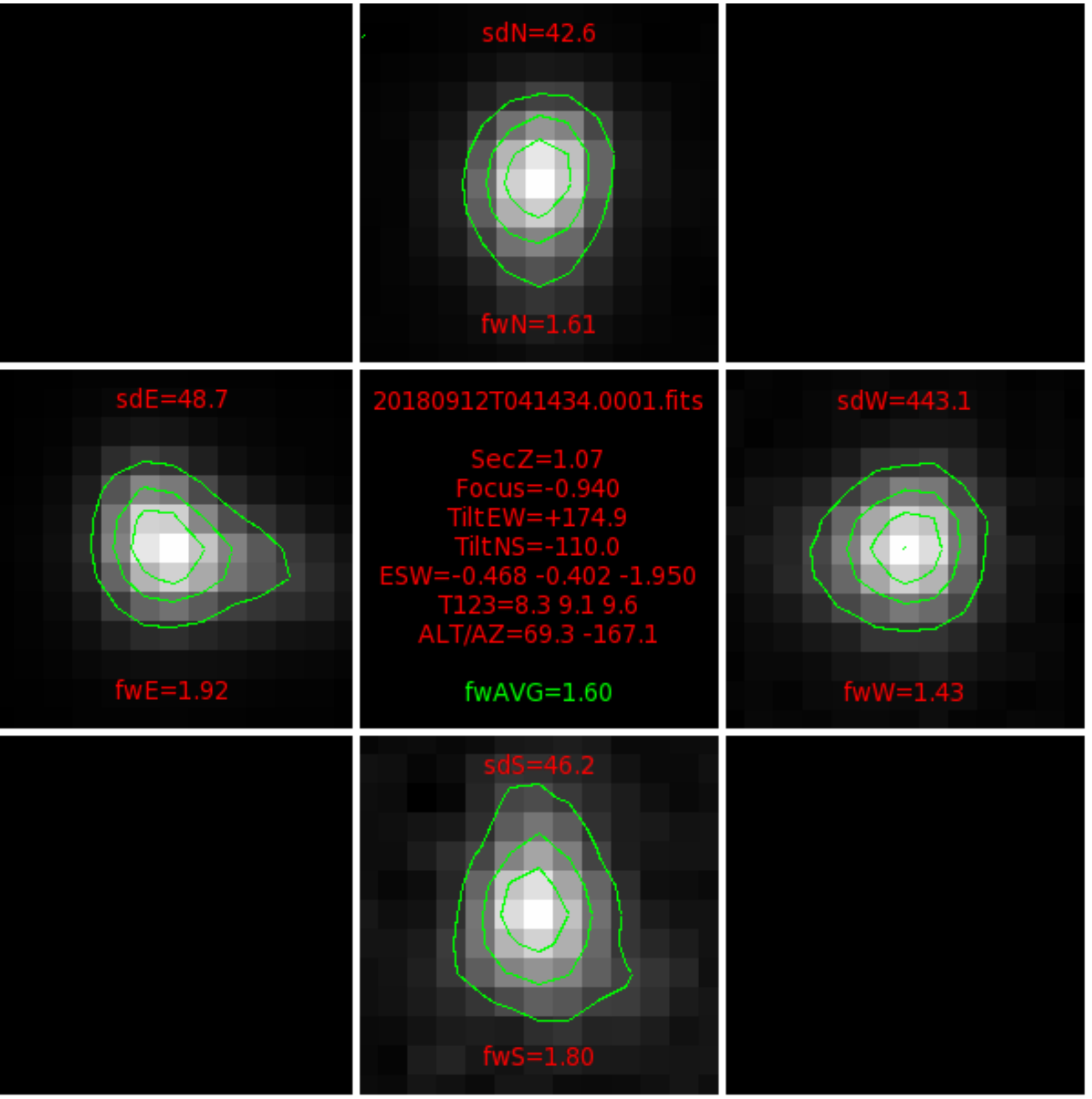
sdN=42.6
fwN=1.61
sdE=48.7
fwE=1.92
20180912T041434.0001.fits
SecZ=1.07
Focus=-0.940
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.468 -0.402 -1.950
T123=8.3 9.1 9.6
ALT/AZ=69.3 -167.1
fwAVG=1.60
sdW=443.1
fwW=1.43
sdS=46.2
fwS=1.80
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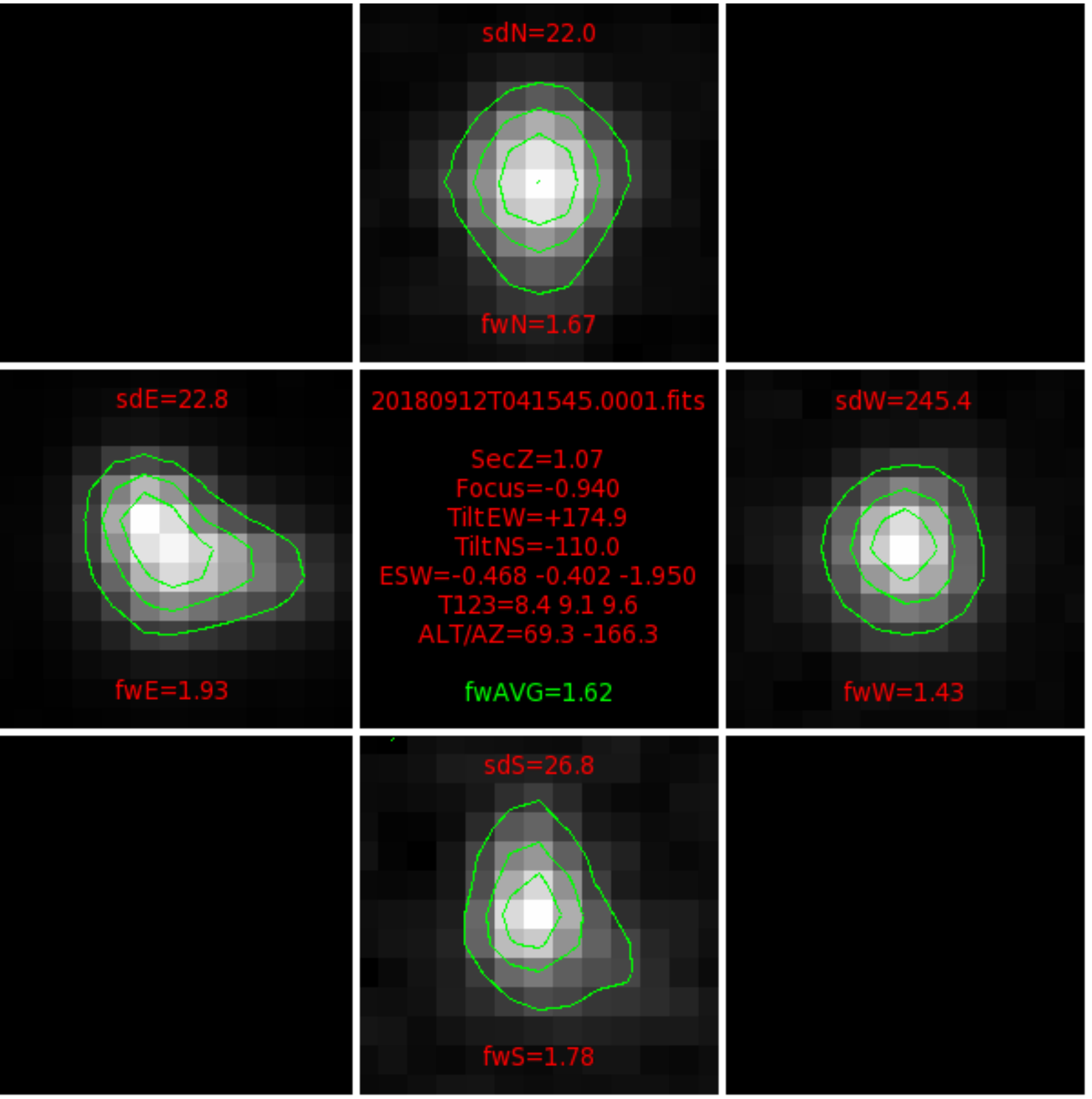
sdN=22.0
fwN=1.67
sdE=22.8
fwE=1.93
20180912T041545.0001.fits
SecZ=1.07
Focus=-0.940
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.468 -0.402 -1.950
T123=8.4 9.1 9.6
ALT/AZ=69.3 -166.3
fwAVG=1.62
sdW=245.4
fwW=1.43
sdS=26.8
fwS=1.78
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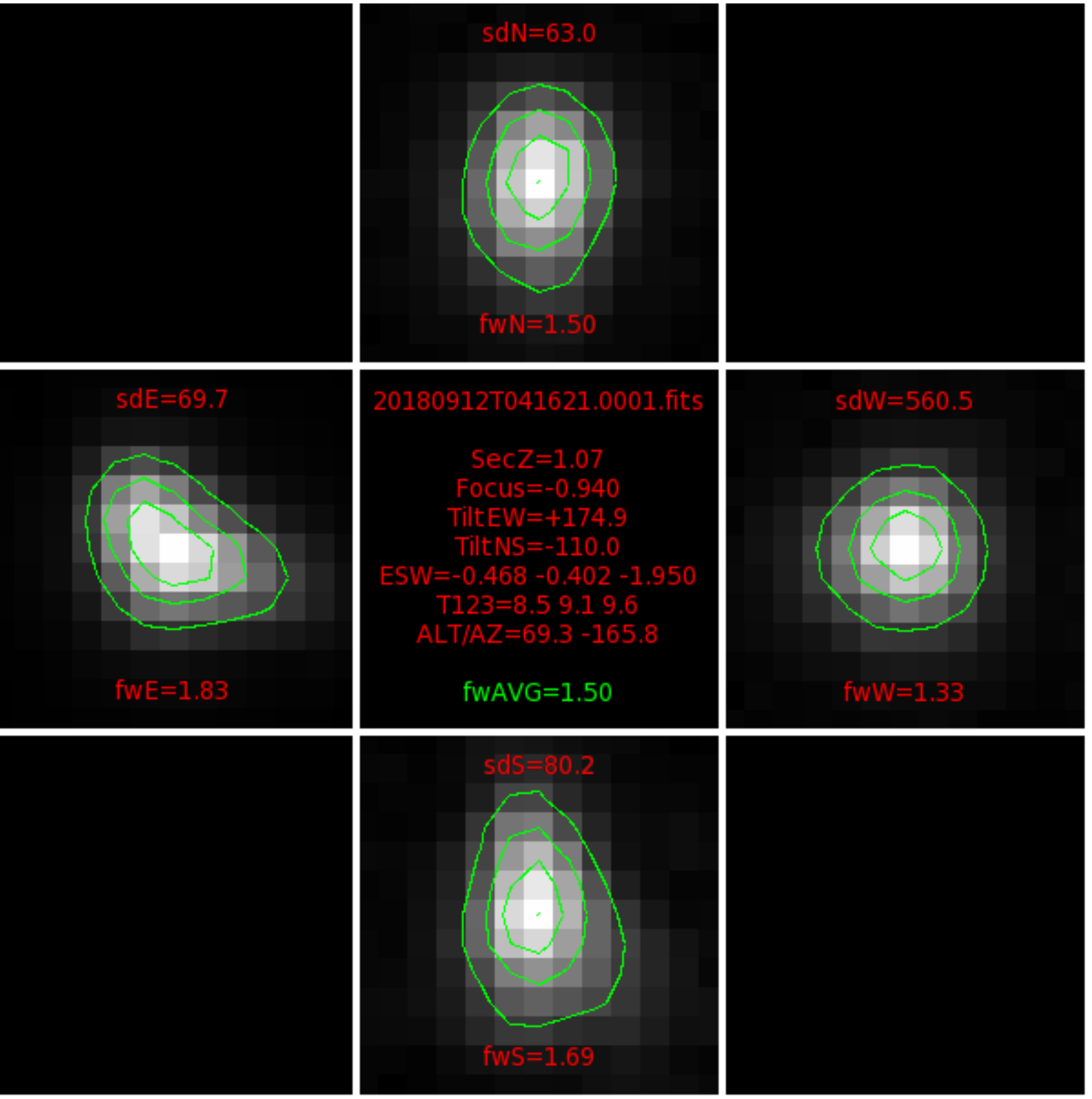
sdN=63.0
fwN=1.50
sdE=69.7
fwE=1.83
20180912T041621.0001.fits
SecZ=1.07
Focus=-0.940
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.468 -0.402 -1.950
T123=8.5 9.1 9.6
ALT/AZ=69.3 -165.8
fwAVG=1.50
sdW=560.5
fwW=1.33
sdS=80.2
fwS=1.69
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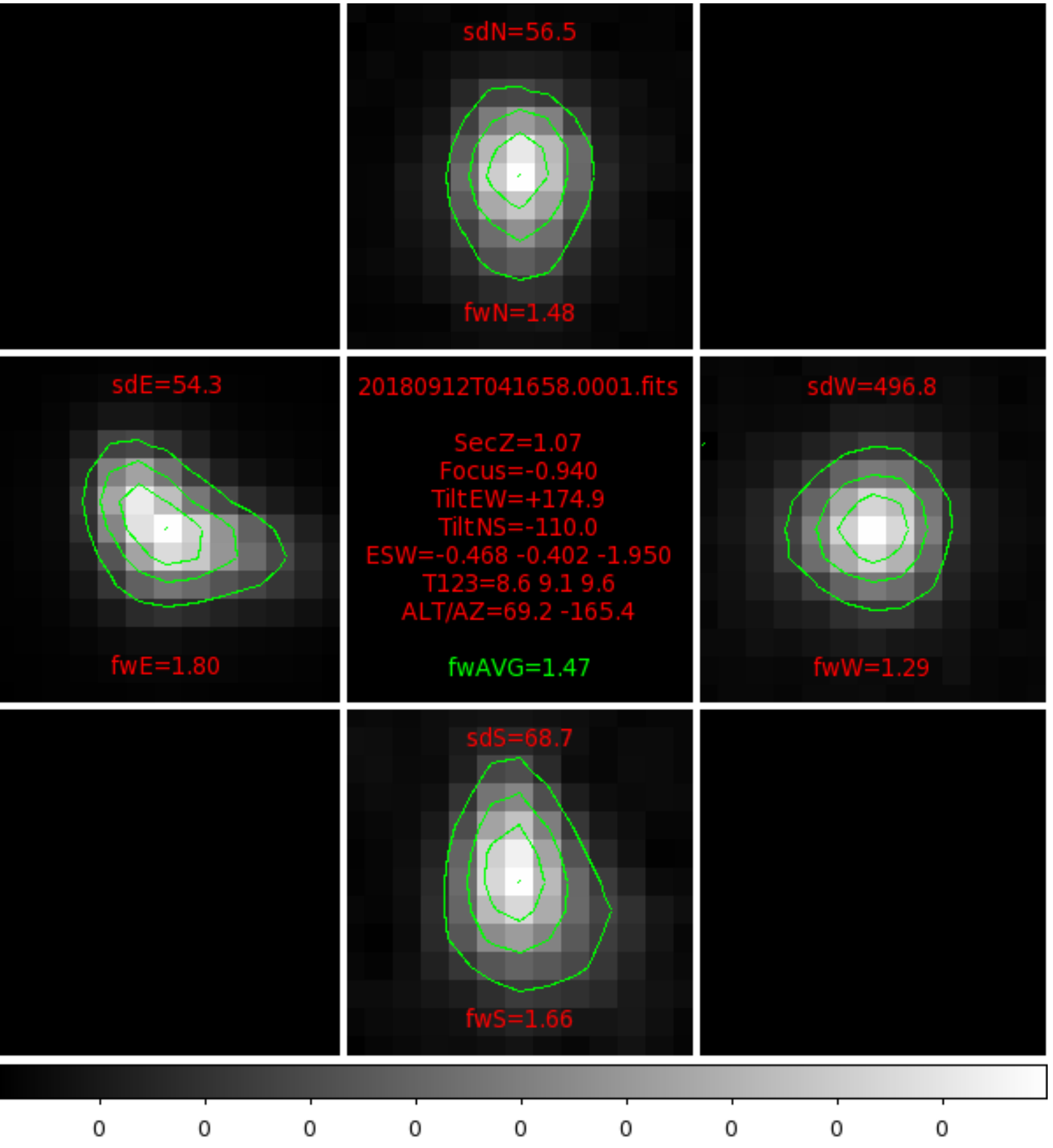
sdN=56.5
fwN=1.48
sdE=54.3
fwE=1.80
20180912T041658.0001.fits
SecZ=1.07
Focus=-0.940
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.468 -0.402 -1.950
T123=8.6 9.1 9.6
ALT/AZ=69.2 -165.4
fwAVG=1.47
sdW=496.8
fwW=1.29
sdS=68.7
fwS=1.66
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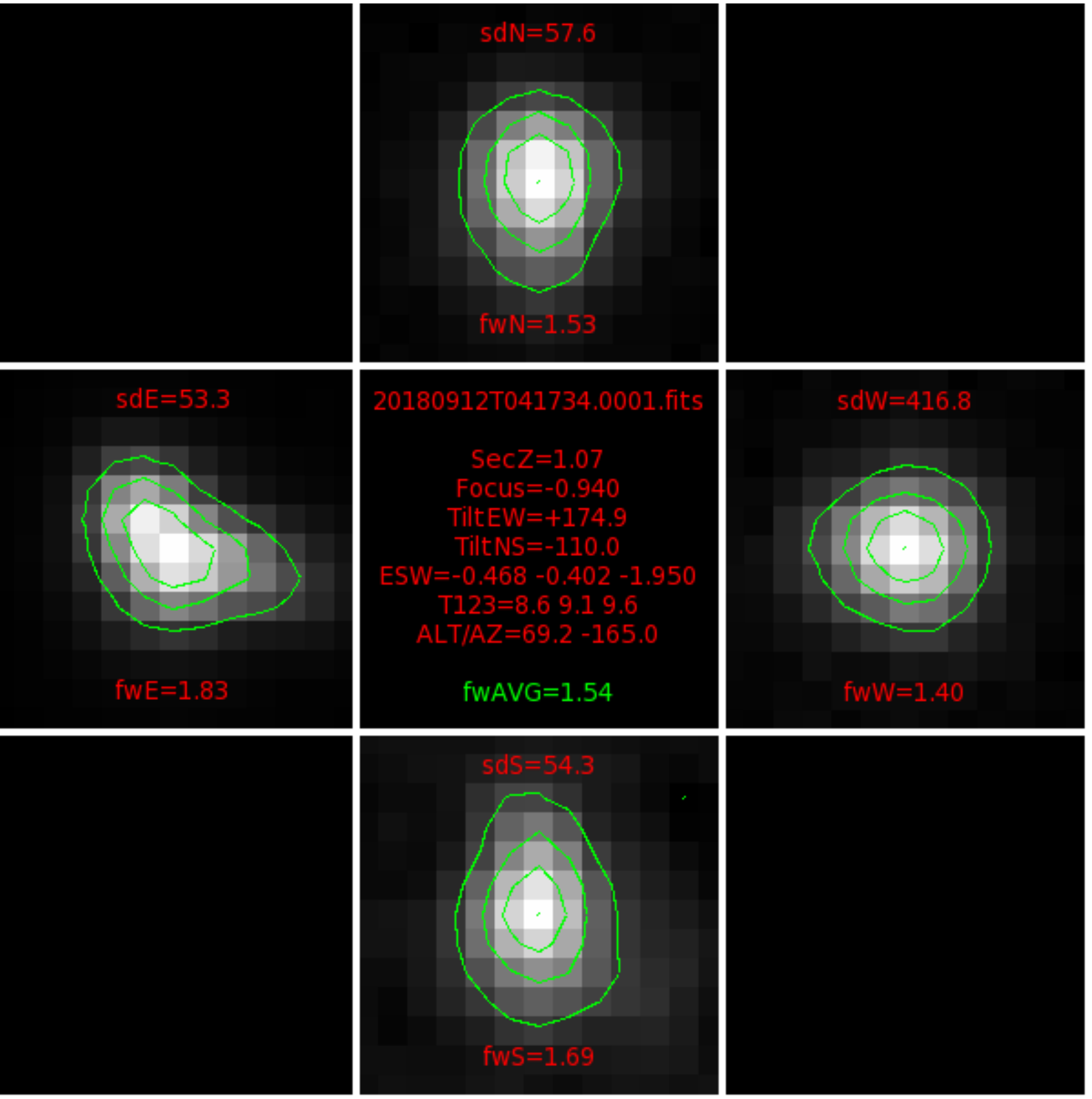
sdN=57.6
fwN=1.53
sdE=53.3
fwE=1.83
20180912T041734.0001.fits
SecZ=1.07
Focus=-0.940
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.468 -0.402 -1.950
T123=8.6 9.1 9.6
ALT/AZ=69.2 -165.0
fwAVG=1.54
sdW=416.8
fwW=1.40
sdS=54.3
fwS=1.69
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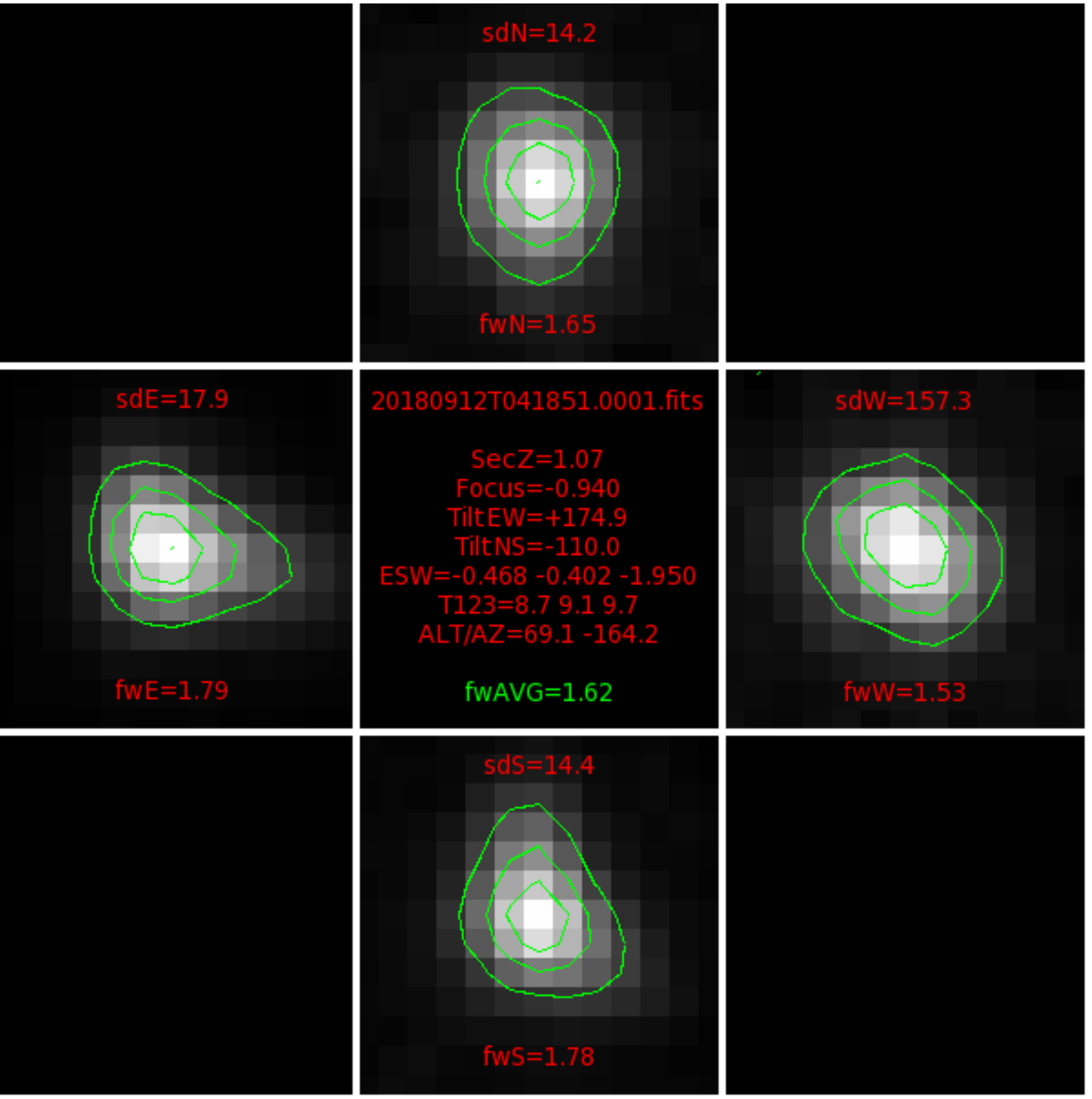
sdN=14.2
fwN=1.65
sdE=17.9
fwE=1.79
20180912T041851.0001.fits
SecZ=1.07
Focus=-0.940
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.468 -0.402 -1.950
T123=8.7 9.1 9.7
ALT/AZ=69.1 -164.2
fwAVG=1.62
sdW=157.3
fwW=1.53
sdS=14.4
fwS=1.78
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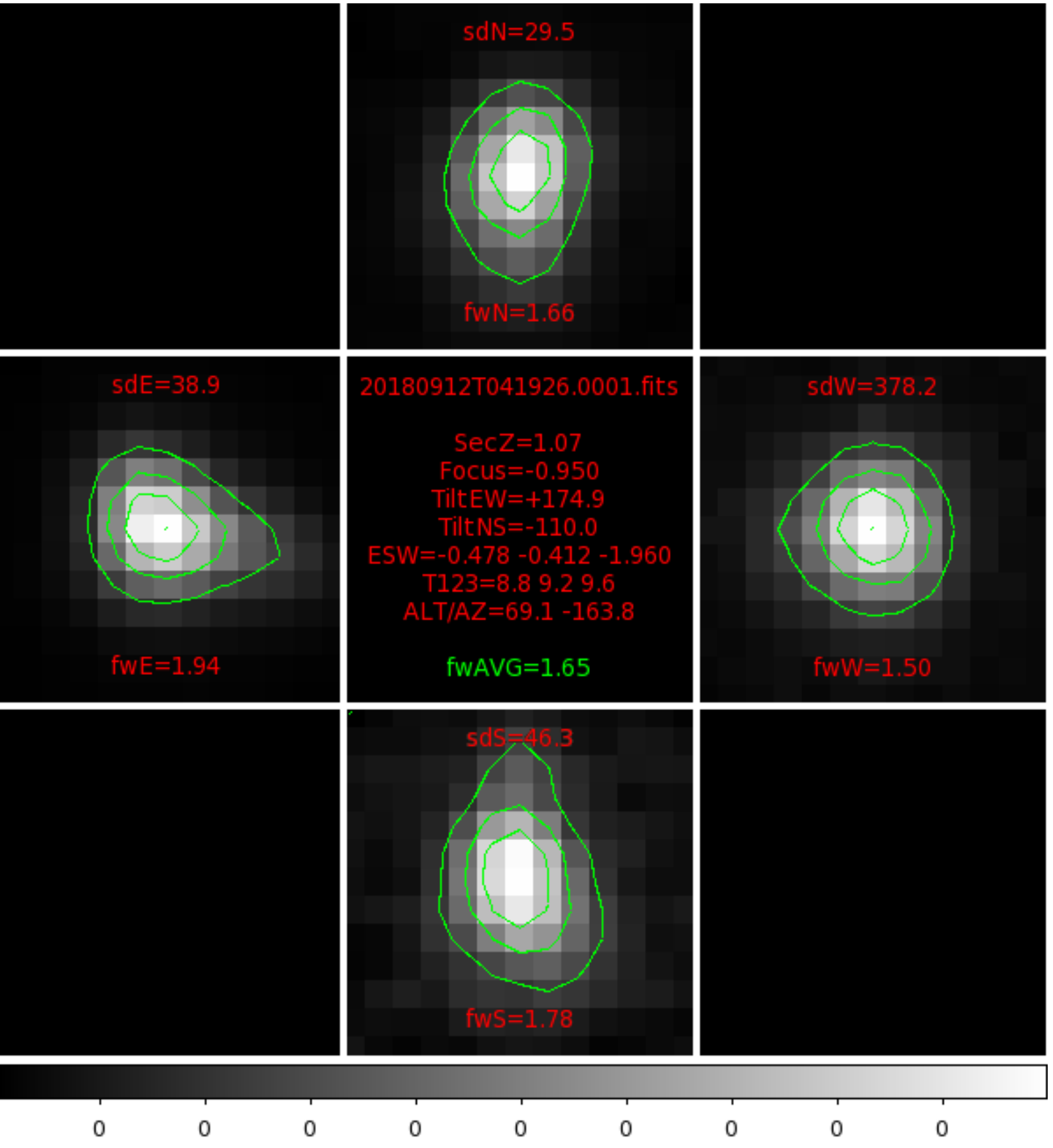
sdN=29.5
fwN=1.66
sdE=38.9
fwE=1.94
20180912T041926.0001.fits
SecZ=1.07
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.8 9.2 9.6
ALT/AZ=69.1 -163.8
fwAVG=1.65
sdW=378.2
fwW=1.50
sdS=46.3
fwS=1.78
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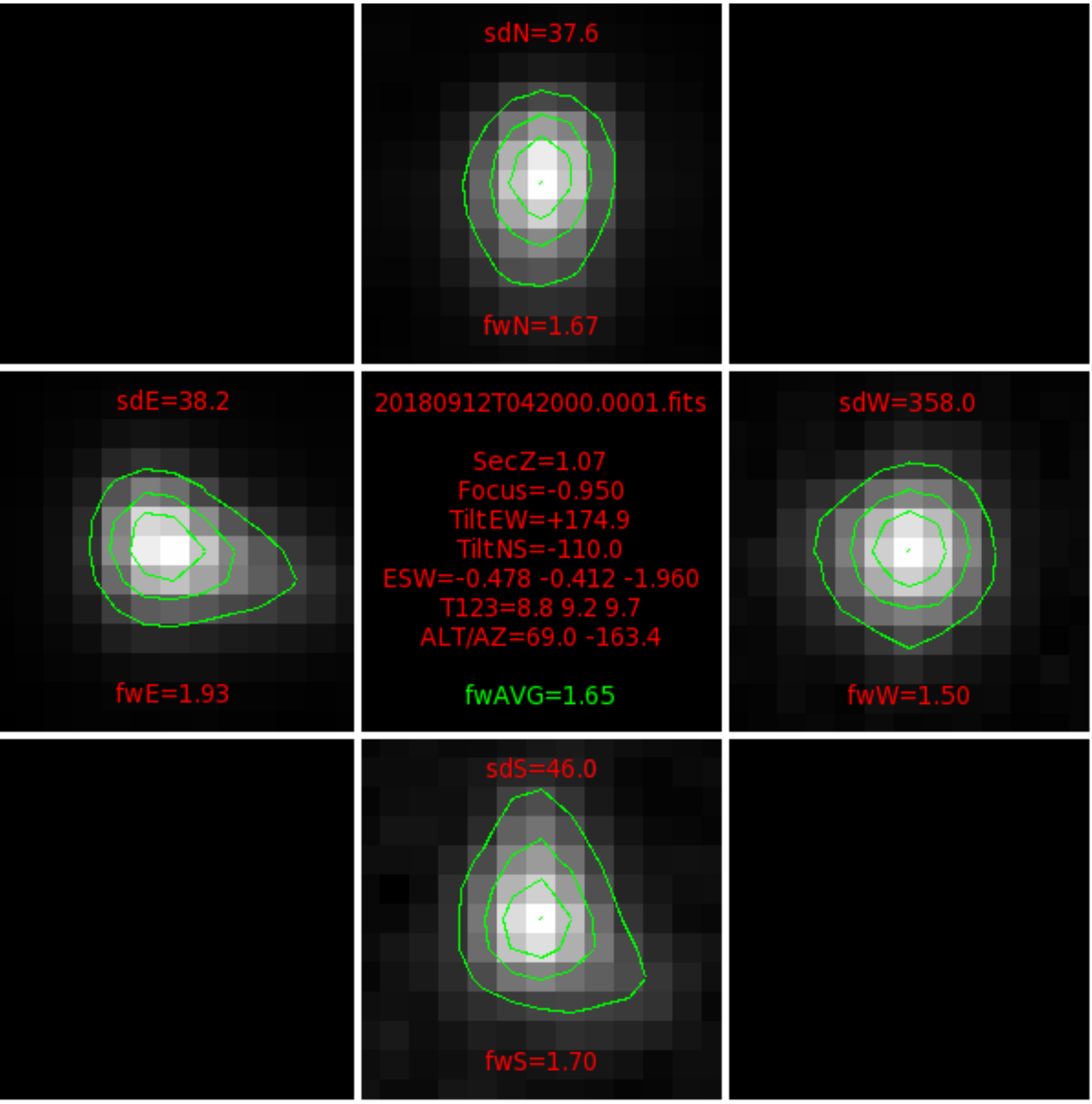
sdN=37.6
fwN=1.67
sdE=38.2
fwE=1.93
20180912T042000.0001.fits
SecZ=1.07
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.8 9.2 9.7
ALT/AZ=69.0 -163.4
fwAVG=1.65
sdW=358.0
fwW=1.50
sdS=46.0
fwS=1.70
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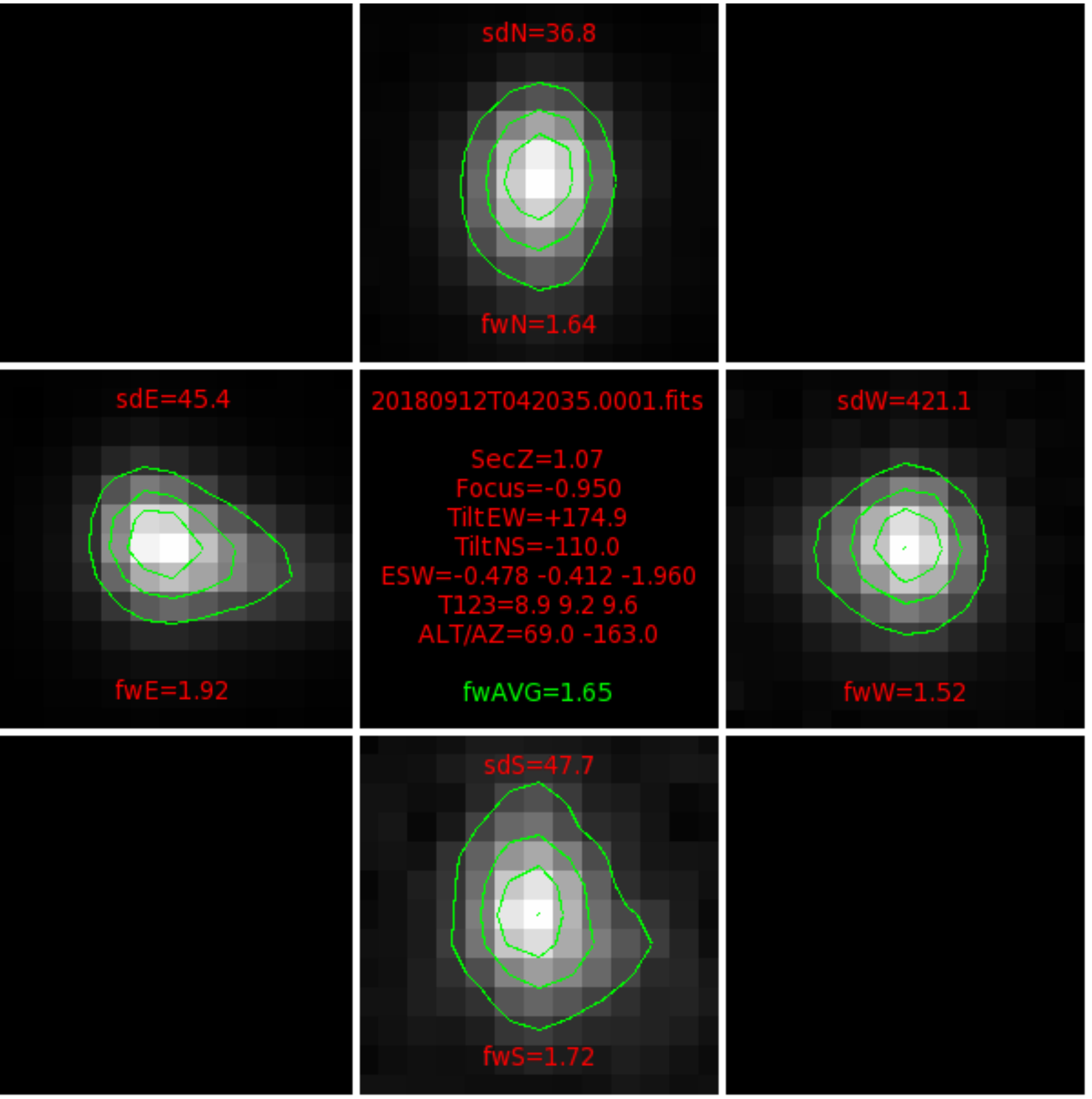
sdN=36.8
fwN=1.64
sdE=45.4
fwE=1.92
20180912T042035.0001.fits
SecZ=1.07
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.9 9.2 9.6
ALT/AZ=69.0 -163.0
fwAVG=1.65
sdW=421.1
fwW=1.52
sdS=47.7
fwS=1.72
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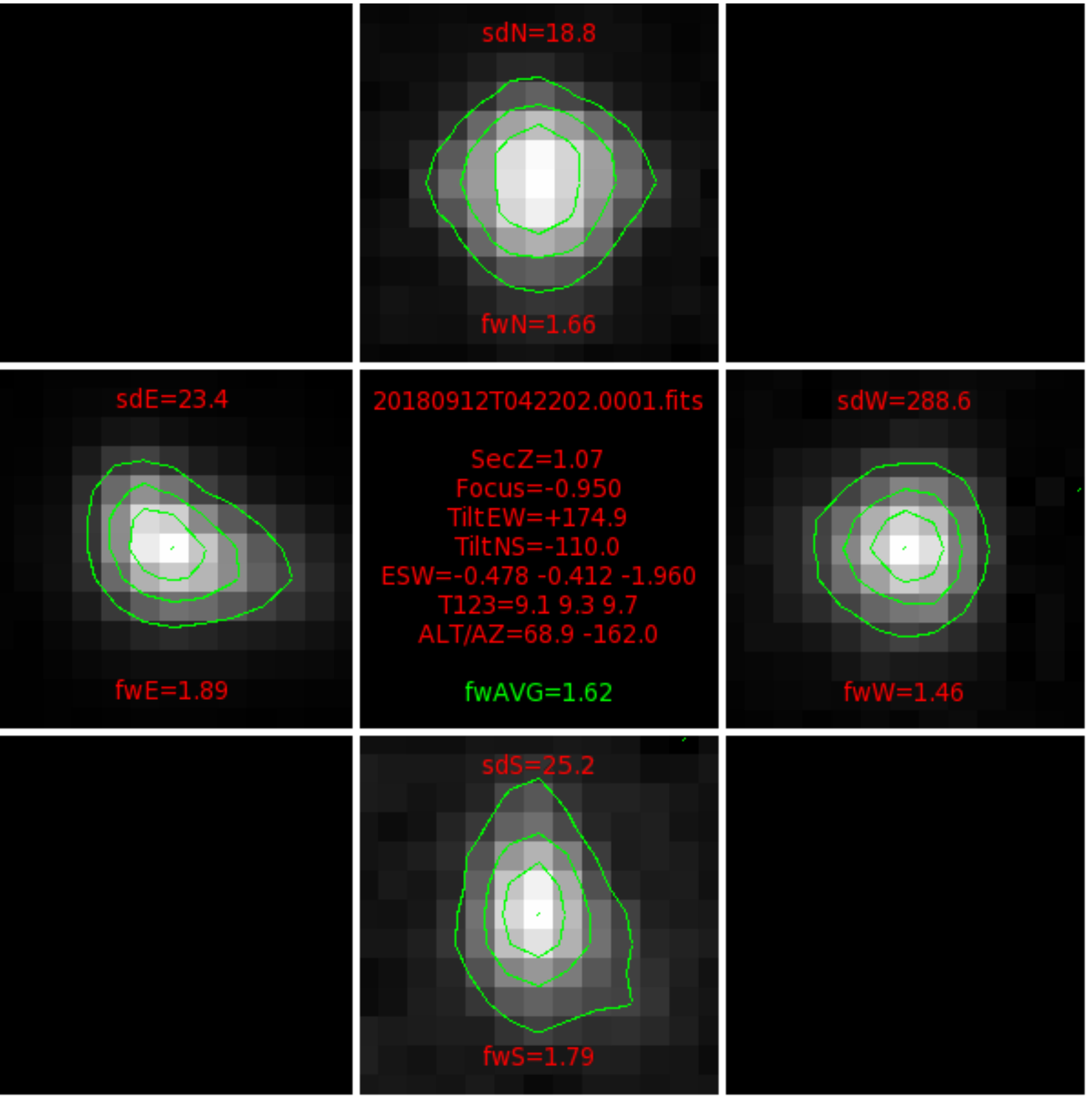
sdN=18.8
fwN=1.66
sdE=23.4
fwE=1.89
20180912T042202.0001.fits
SecZ=1.07
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.1 9.3 9.7
ALT/AZ=68.9 -162.0
fwAVG=1.62
sdW=288.6
fwW=1.46
sdS=25.2
fwS=1.79
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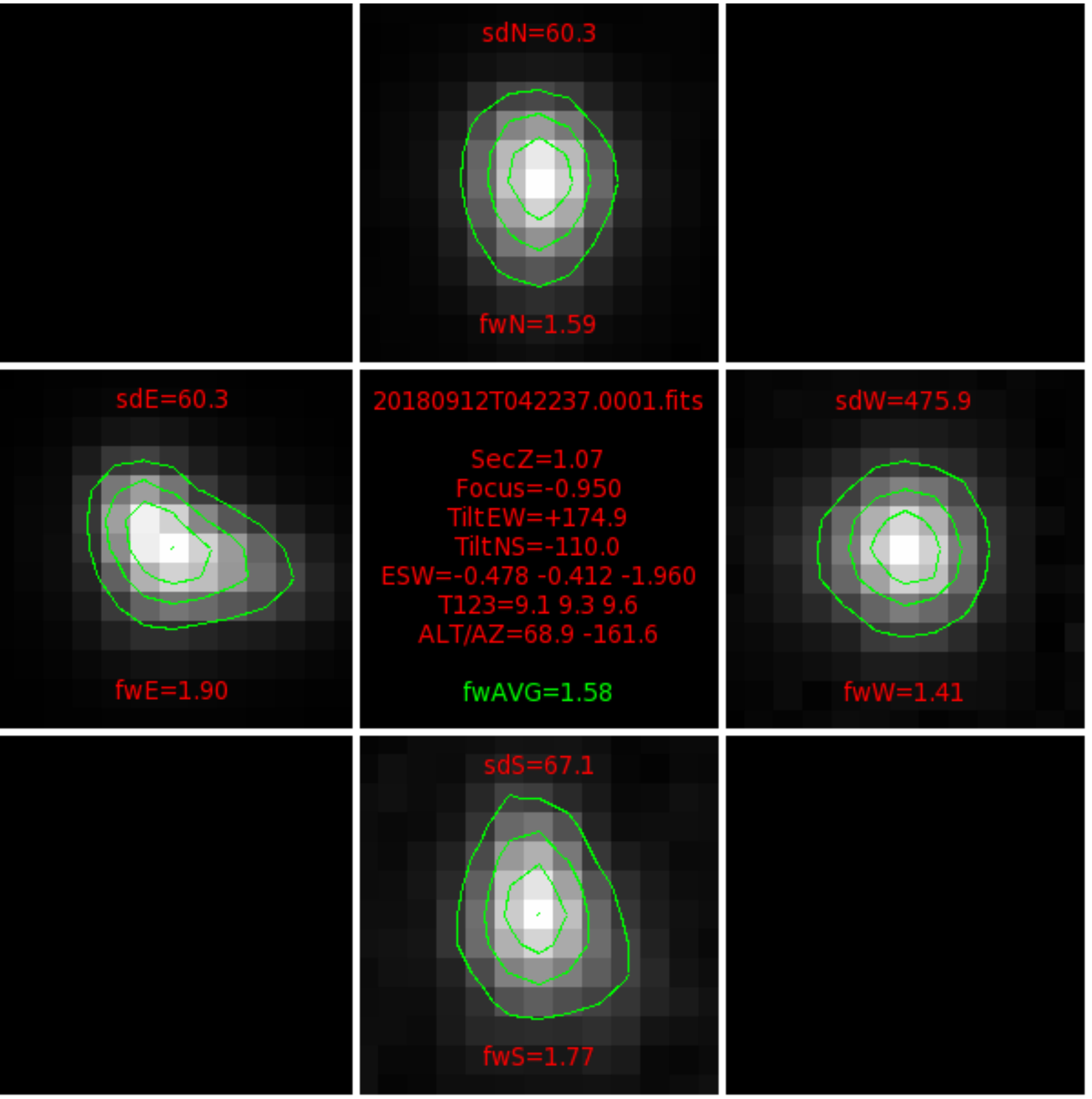
sdN=60.3
fwN=1.59
sdE=60.3
fwE=1.90
20180912T042237.0001.fits
SecZ=1.07
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.1 9.3 9.6
ALT/AZ=68.9 -161.6
fwAVG=1.58
sdW=475.9
fwW=1.41
sdS=67.1
fwS=1.77
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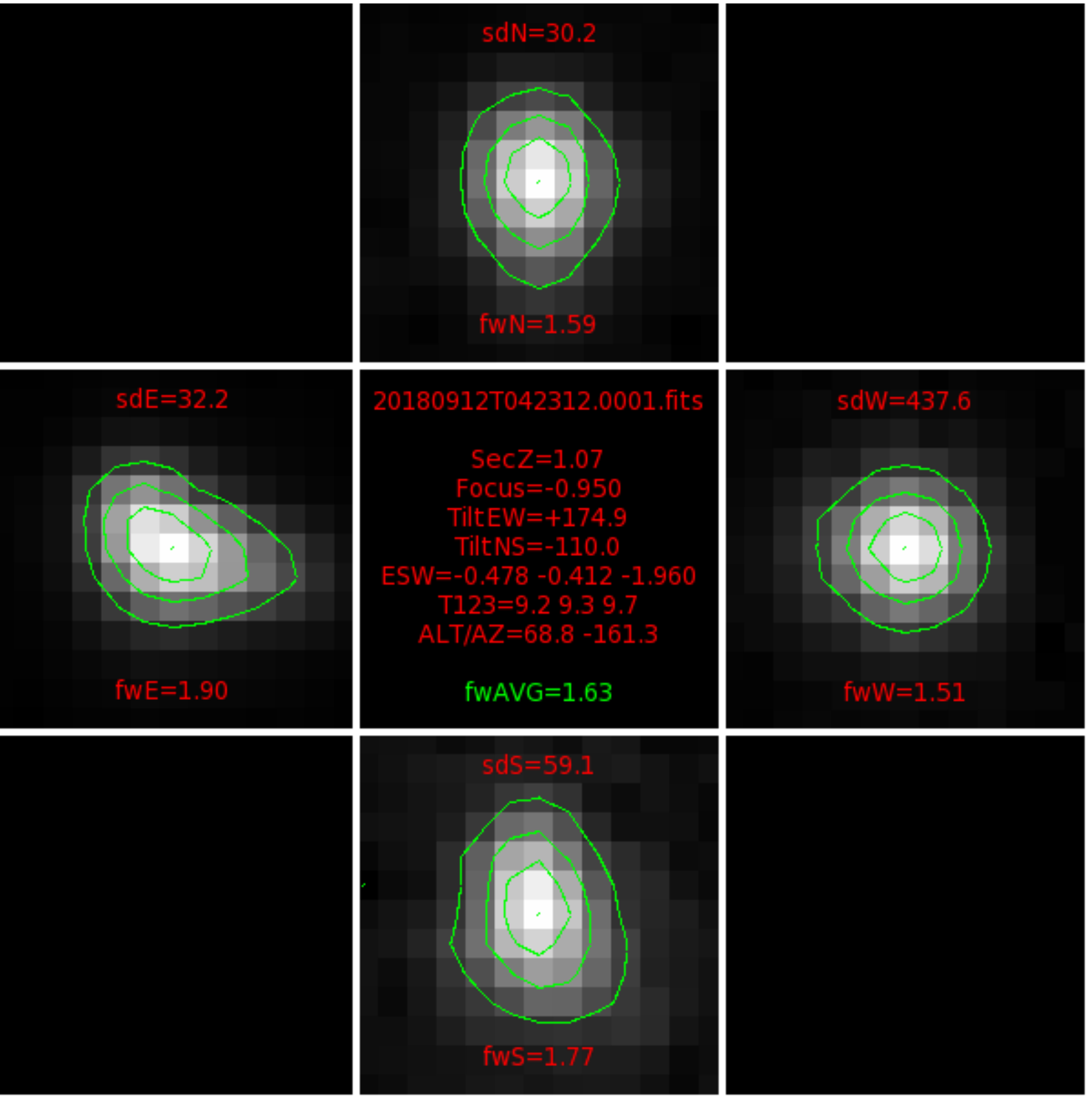
sdN=30.2
fwN=1.59
sdE=32.2
fwE=1.90
20180912T042312.0001.fits
SecZ=1.07
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.2 9.3 9.7
ALT/AZ=68.8 -161.3
fwAVG=1.63
sdW=437.6
fwW=1.51
sdS=59.1
fwS=1.77
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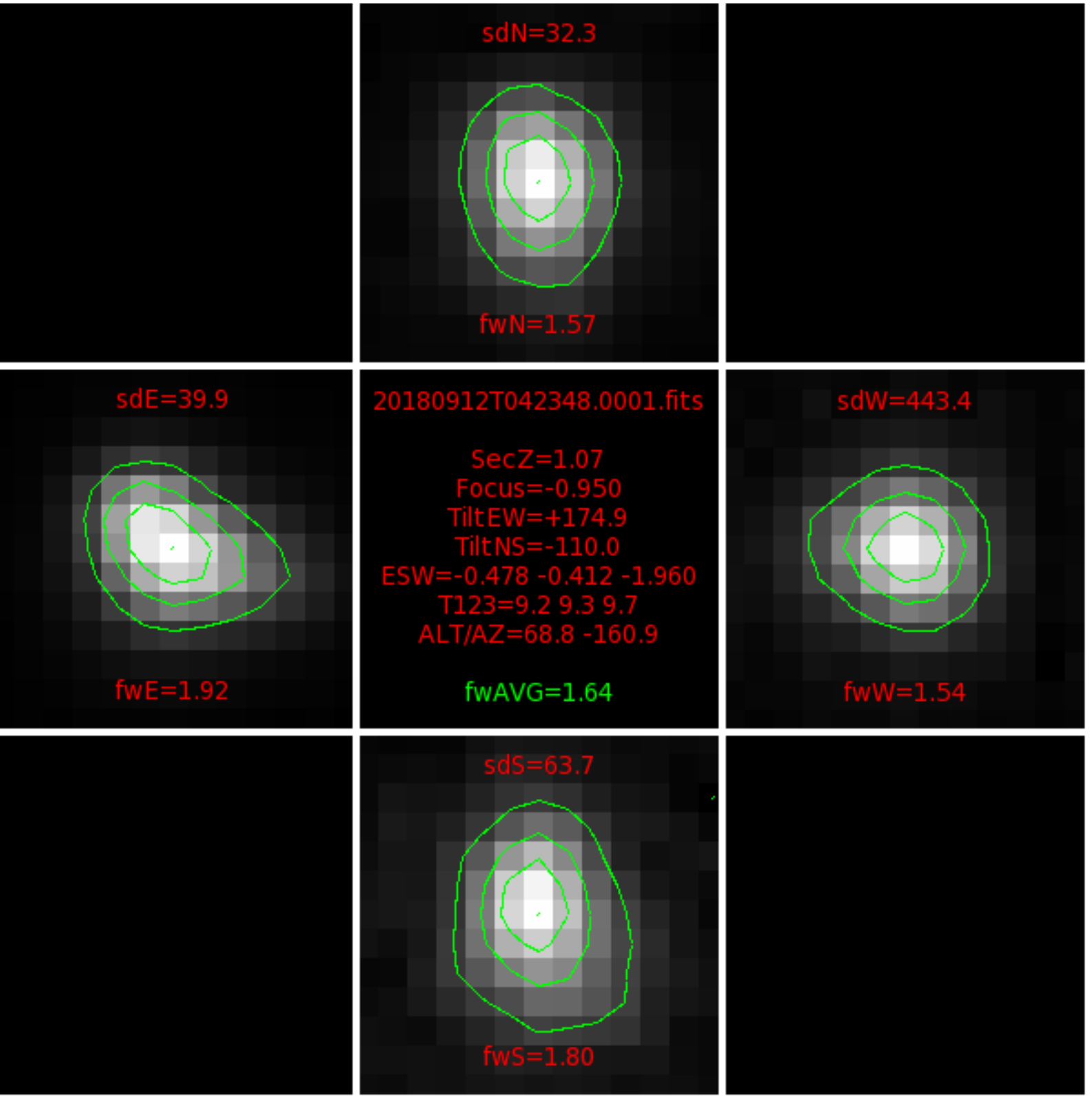
sdN=32.3
fwN=1.57
sdE=39.9
fwE=1.92
20180912T042348.0001.fits
SecZ=1.07
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.2 9.3 9.7
ALT/AZ=68.8 -160.9
fwAVG=1.64
sdW=443.4
fwW=1.54
sdS=63.7
fwS=1.80
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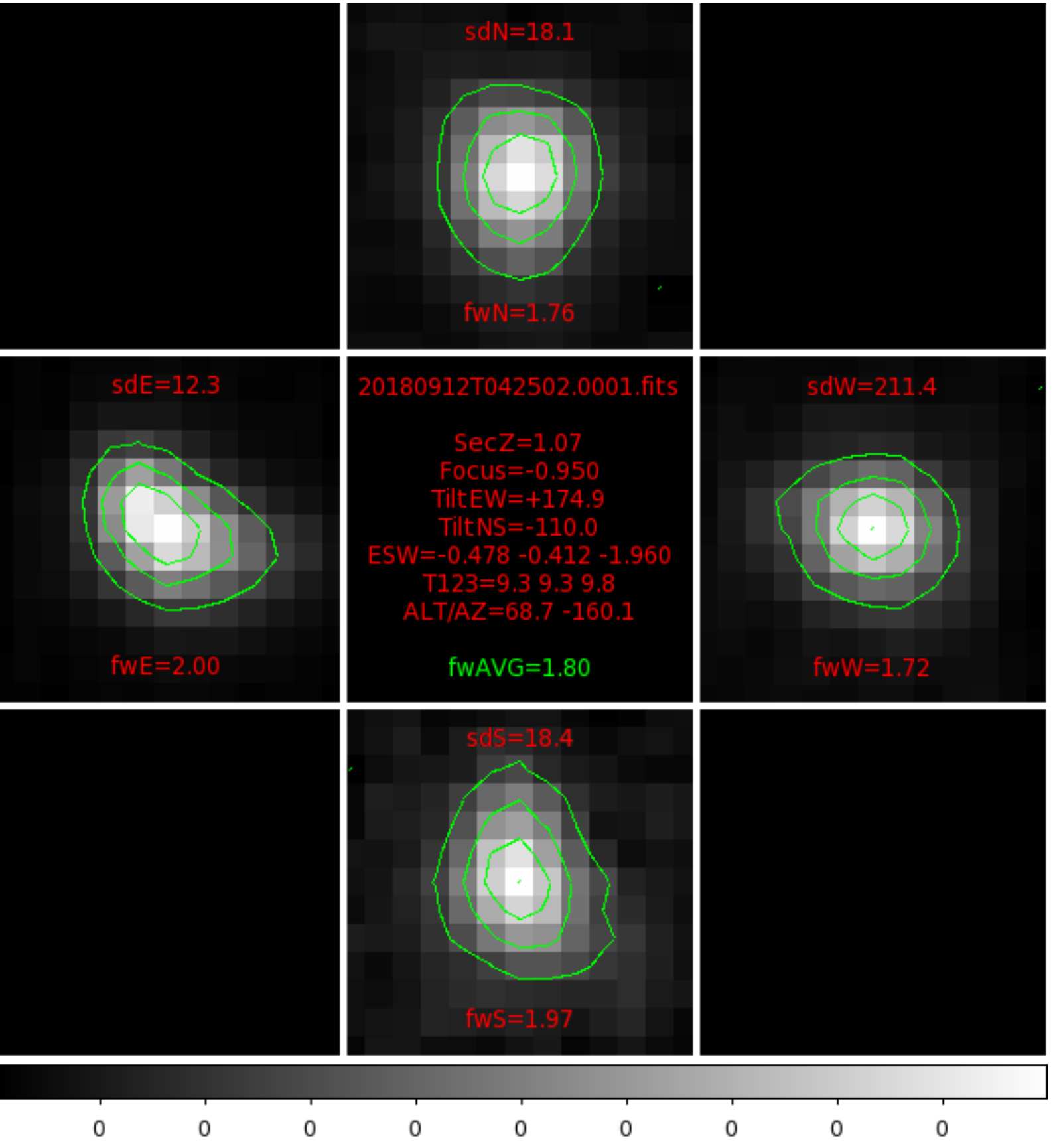
sdN=18.1
fwN=1.76
sdE=12.3
fwE=2.00
20180912T042502.0001.fits
SecZ=1.07
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.3 9.3 9.8
ALT/AZ=68.7 -160.1
fwAVG=1.80
sdW=211.4
fwW=1.72
sdS=18.4
fwS=1.97
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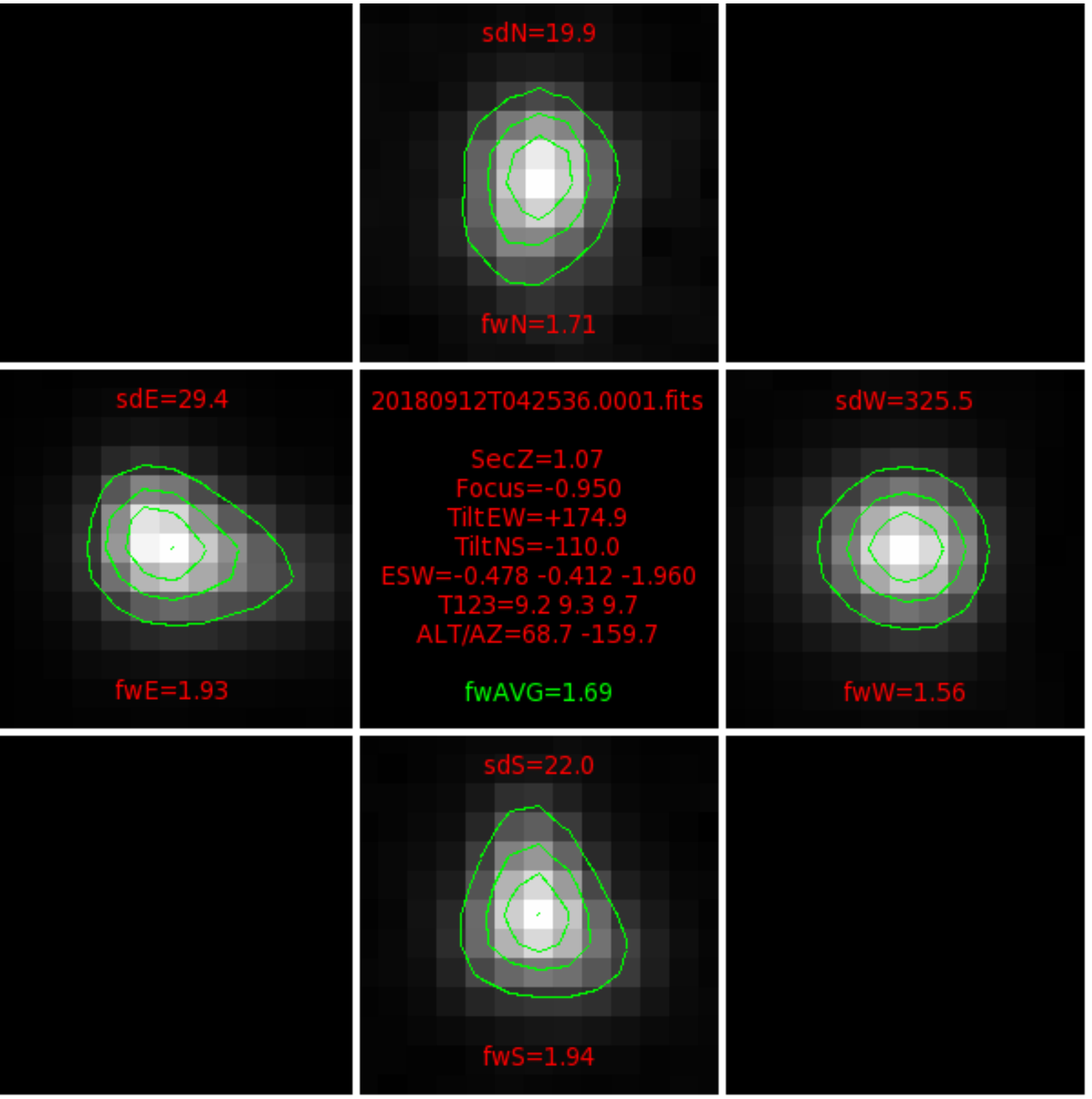
sdN=19.9
fwN=1.71
sdE=29.4
fwE=1.93
20180912T042536.0001.fits
SecZ=1.07
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.2 9.3 9.7
ALT/AZ=68.7 -159.7
fwAVG=1.69
sdW=325.5
fwW=1.56
sdS=22.0
fwS=1.94
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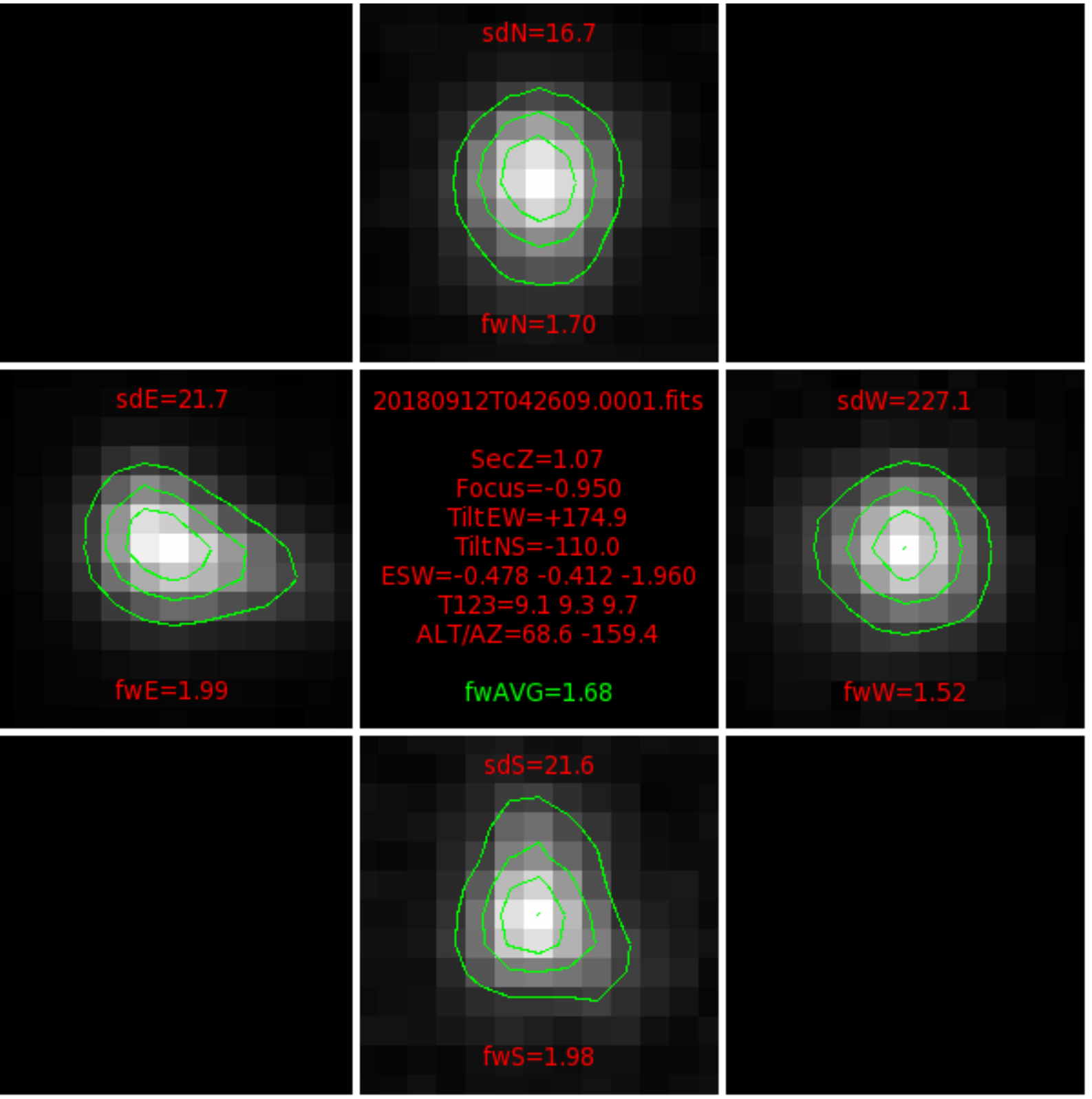
sdN=16.7
fwN=1.70
sdE=21.7
fwE=1.99
20180912T042609.0001.fits
SecZ=1.07
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.1 9.3 9.7
ALT/AZ=68.6 -159.4
fwAVG=1.68
sdW=227.1
fwW=1.52
sdS=21.6
fwS=1.98
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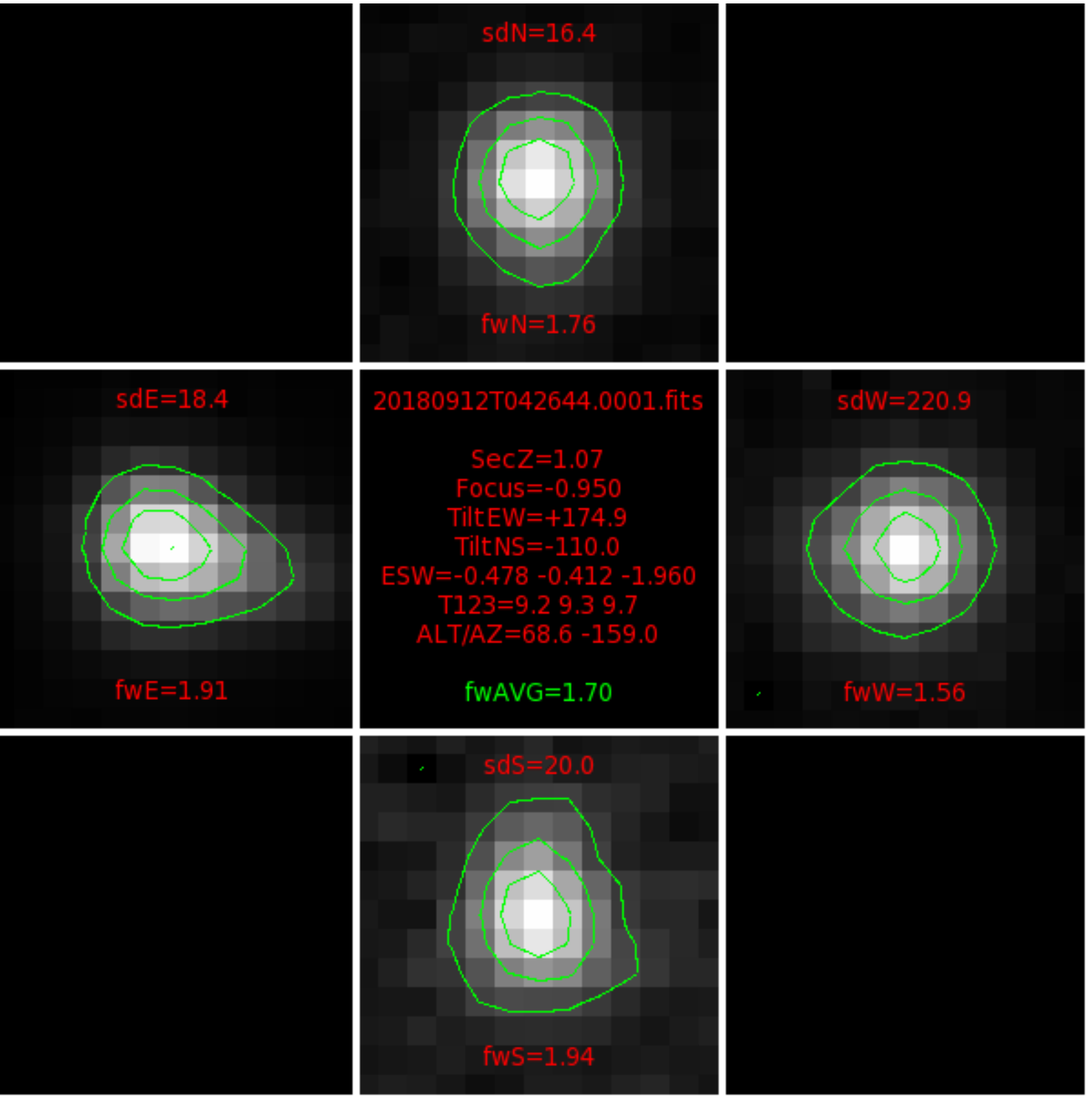
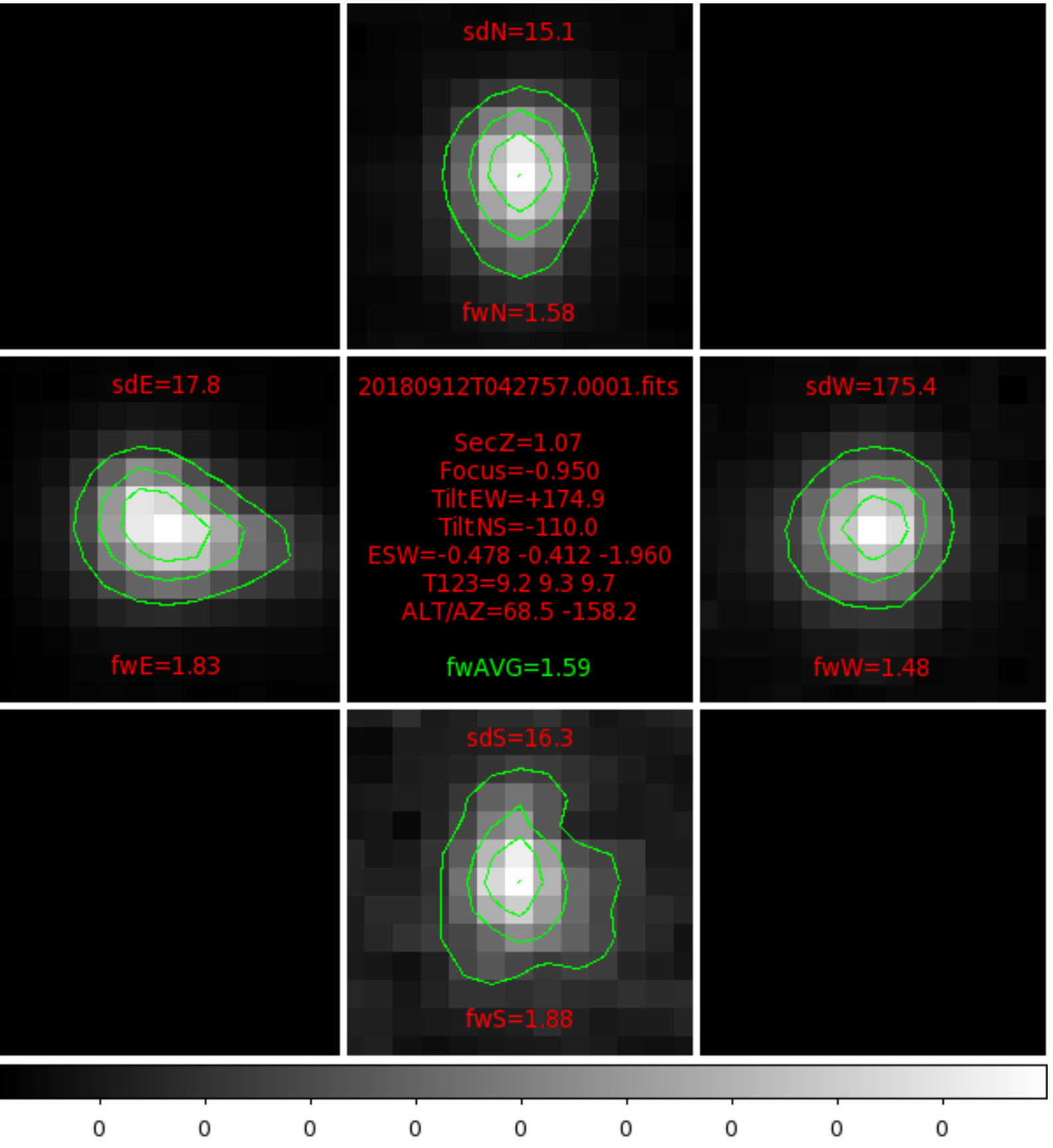

sdN=16.4
fwN=1.76
sdE=18.4
fwE=1.91
20180912T042644.0001.fits
SecZ=1.07
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.2 9.3 9.7
ALT/AZ=68.6 -159.0
fwAVG=1.70
sdW=220.9
fwW=1.56
sdS=20.0
fwS=1.94
0 0 0 0 0 0 0 0 0


sdN=15.1
fwN=1.58
sdE=17.8
fwE=1.83
20180912T042757.0001.fits
SecZ=1.07
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.2 9.3 9.7
ALT/AZ=68.5 -158.2
fwAVG=1.59
sdW=175.4
fwW=1.48
sdS=16.3
fwS=1.88
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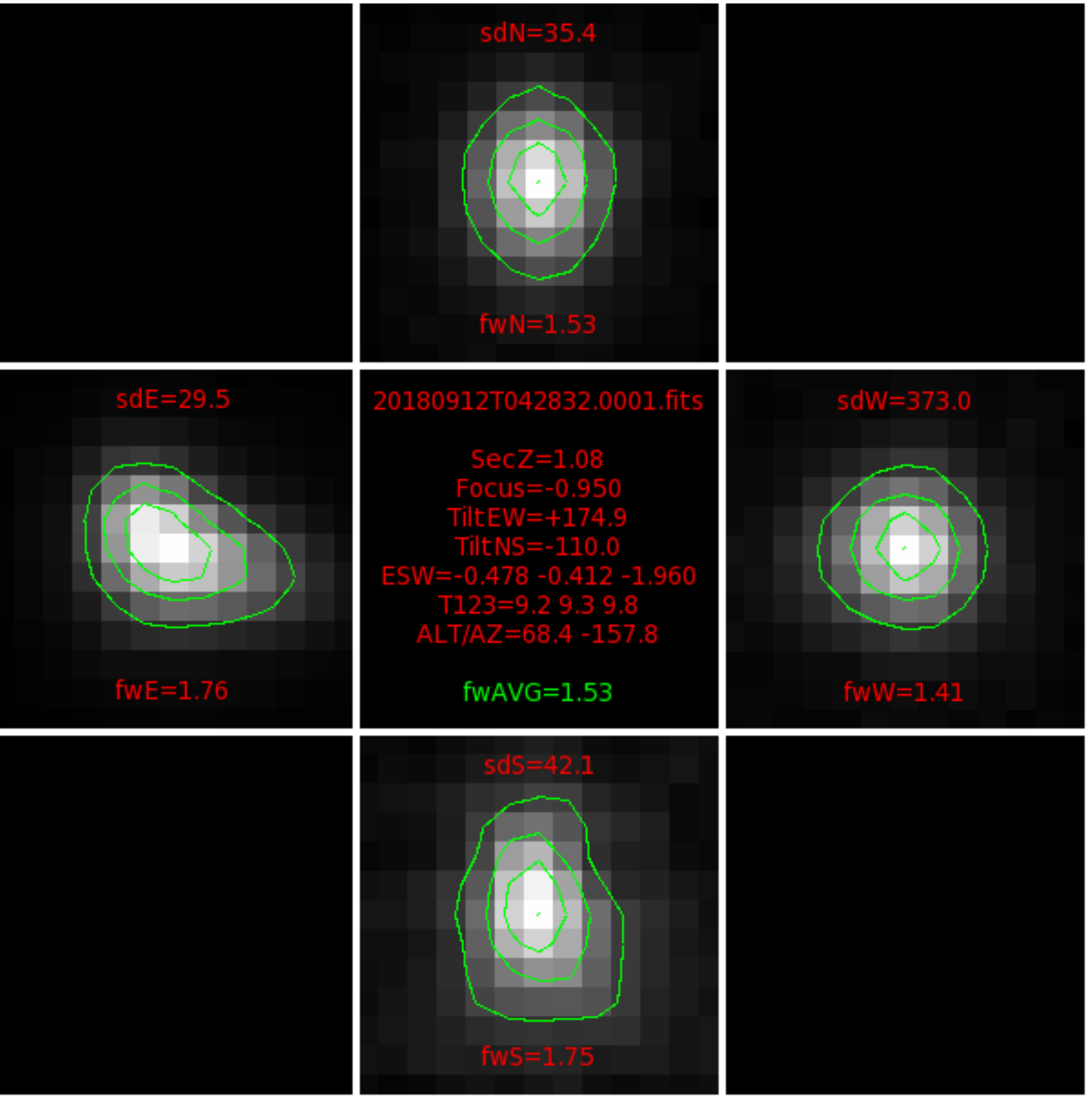
sdN=35.4
fwN=1.53
sdE=29.5
fwE=1.76
20180912T042832.0001.fits
SecZ=1.08
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.2 9.3 9.8
ALT/AZ=68.4 -157.8
fwAVG=1.53
sdW=373.0
fwW=1.41
sdS=42.1
fwS=1.75
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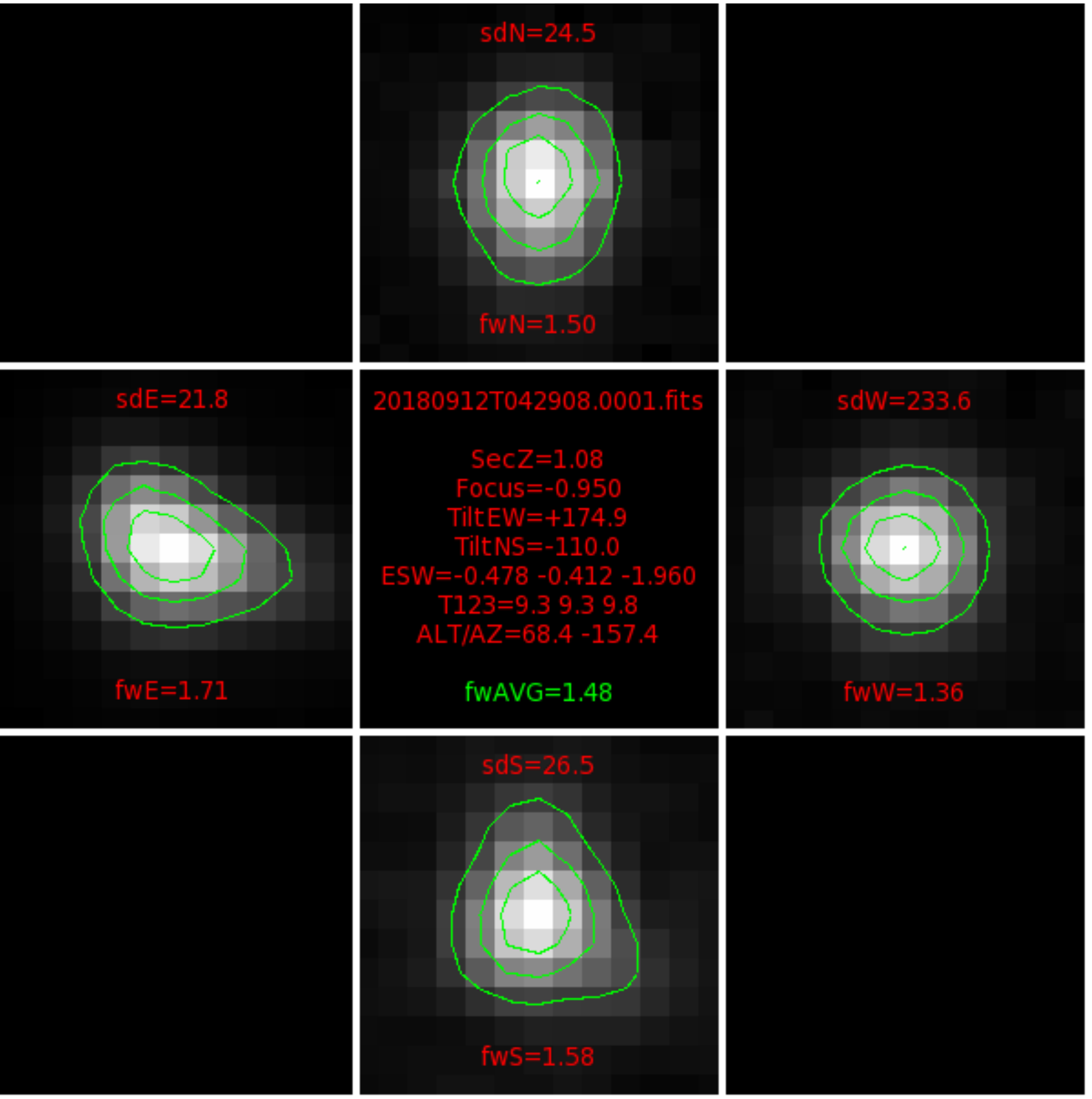
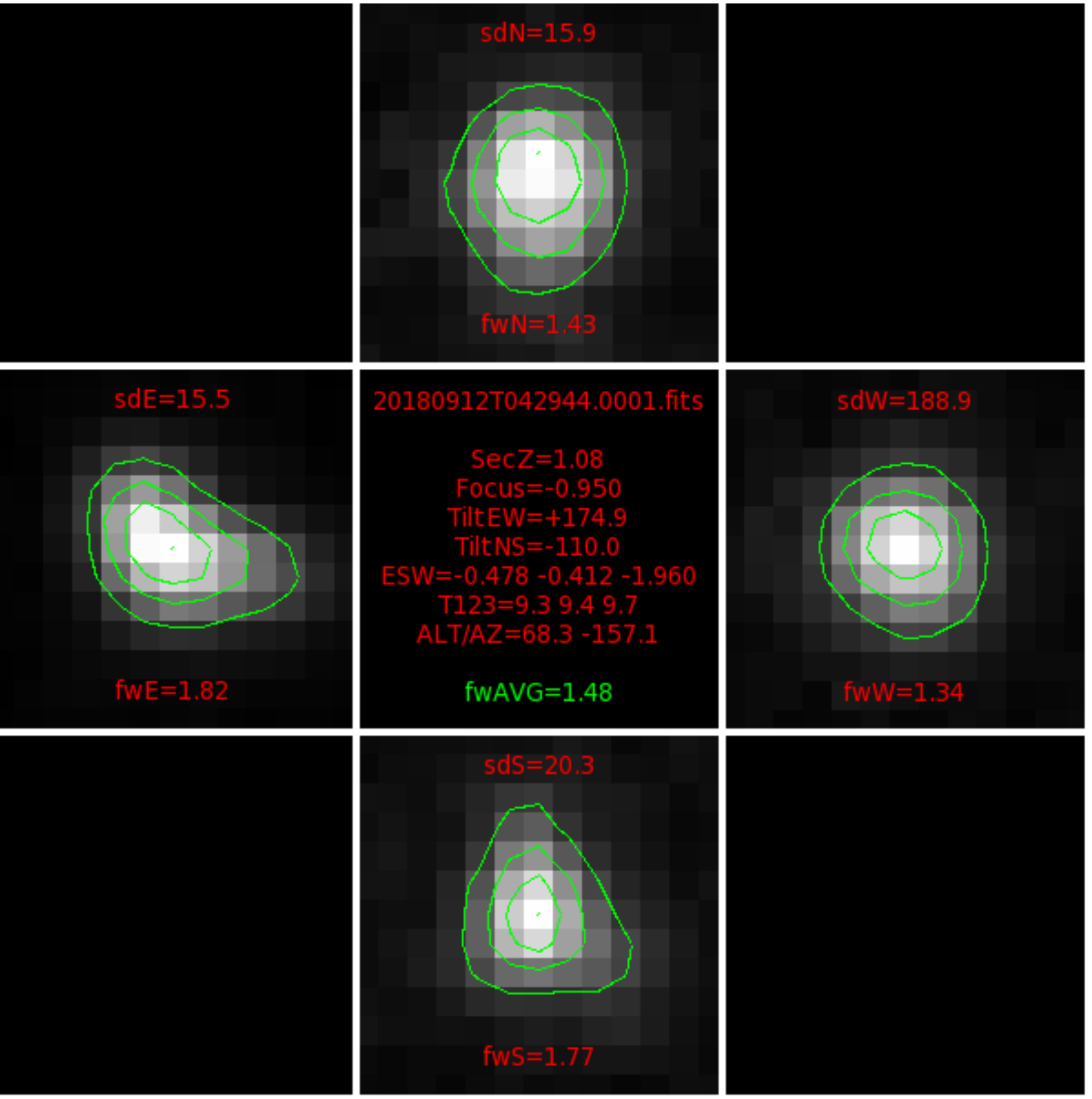
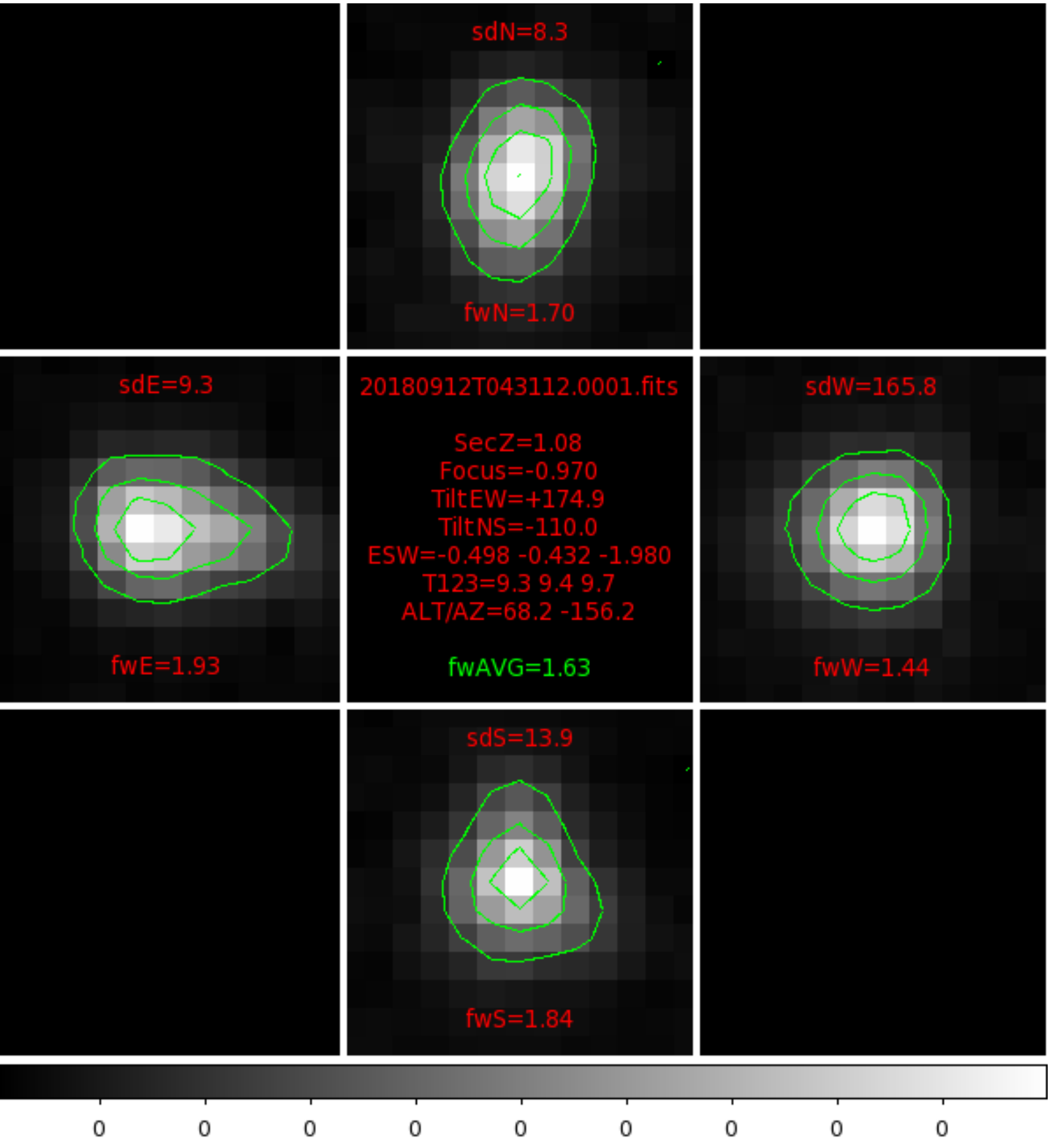

sdN=24.5
fwN=1.50
sdE=21.8
fwE=1.71
20180912T042908.0001.fits
SecZ=1.08
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.3 9.3 9.8
ALT/AZ=68.4 -157.4
fwAVG=1.48
sdW=233.6
fwW=1.36
sdS=26.5
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=15.9
fwN=1.43
sdE=15.5
fwE=1.82
20180912T042944.0001.fits
SecZ=1.08
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.3 9.4 9.7
ALT/AZ=68.3 -157.1
fwAVG=1.48
sdW=188.9
fwW=1.34
sdS=20.3
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=8.3
fwN=1.70
sdE=9.3
fwE=1.93
20180912T043112.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.3 9.4 9.7
ALT/AZ=68.2 -156.2
fwAVG=1.63
sdW=165.8
fwW=1.44
sdS=13.9
fwS=1.84
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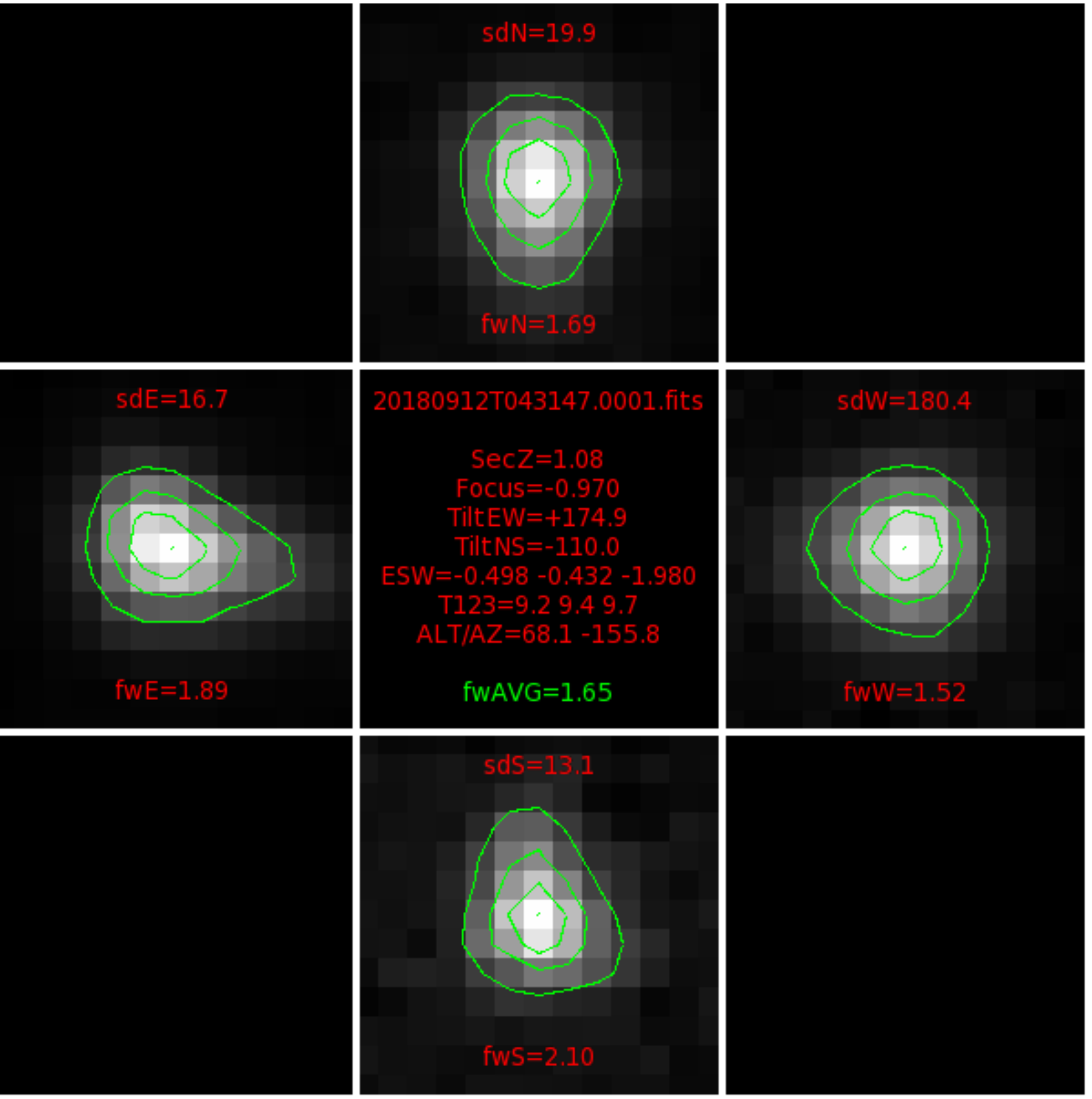
sdN=19.9
fwN=1.69
sdE=16.7
fwE=1.89
20180912T043147.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.2 9.4 9.7
ALT/AZ=68.1 -155.8
fwAVG=1.65
sdW=180.4
fwW=1.52
sdS=13.1
fwS=2.10
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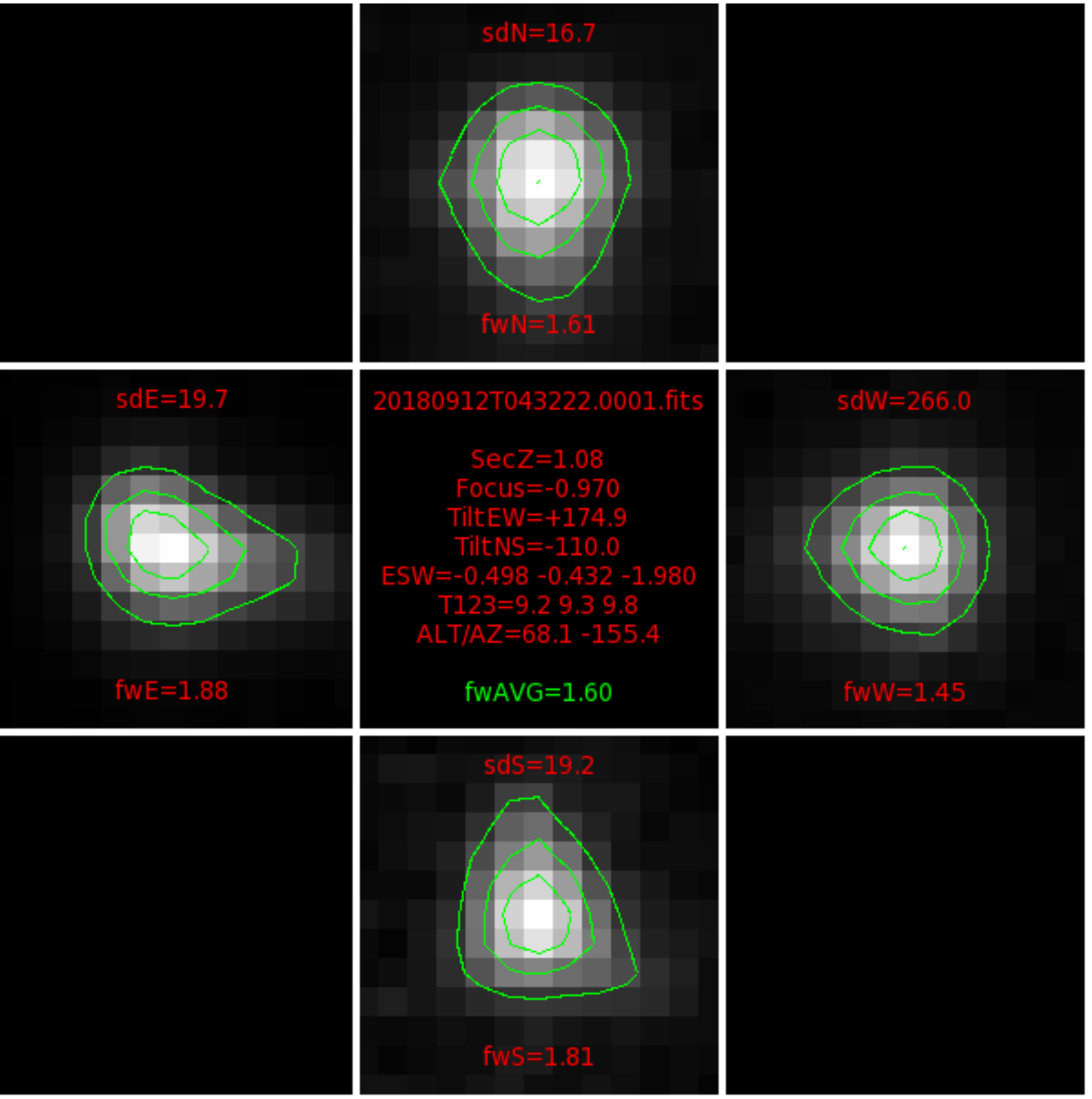
sdN=16.7
fwN=1.61
sdE=19.7
fwE=1.88
20180912T043222.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.2 9.3 9.8
ALT/AZ=68.1 -155.4
fwAVG=1.60
sdW=266.0
fwW=1.45
sdS=19.2
fwS=1.81
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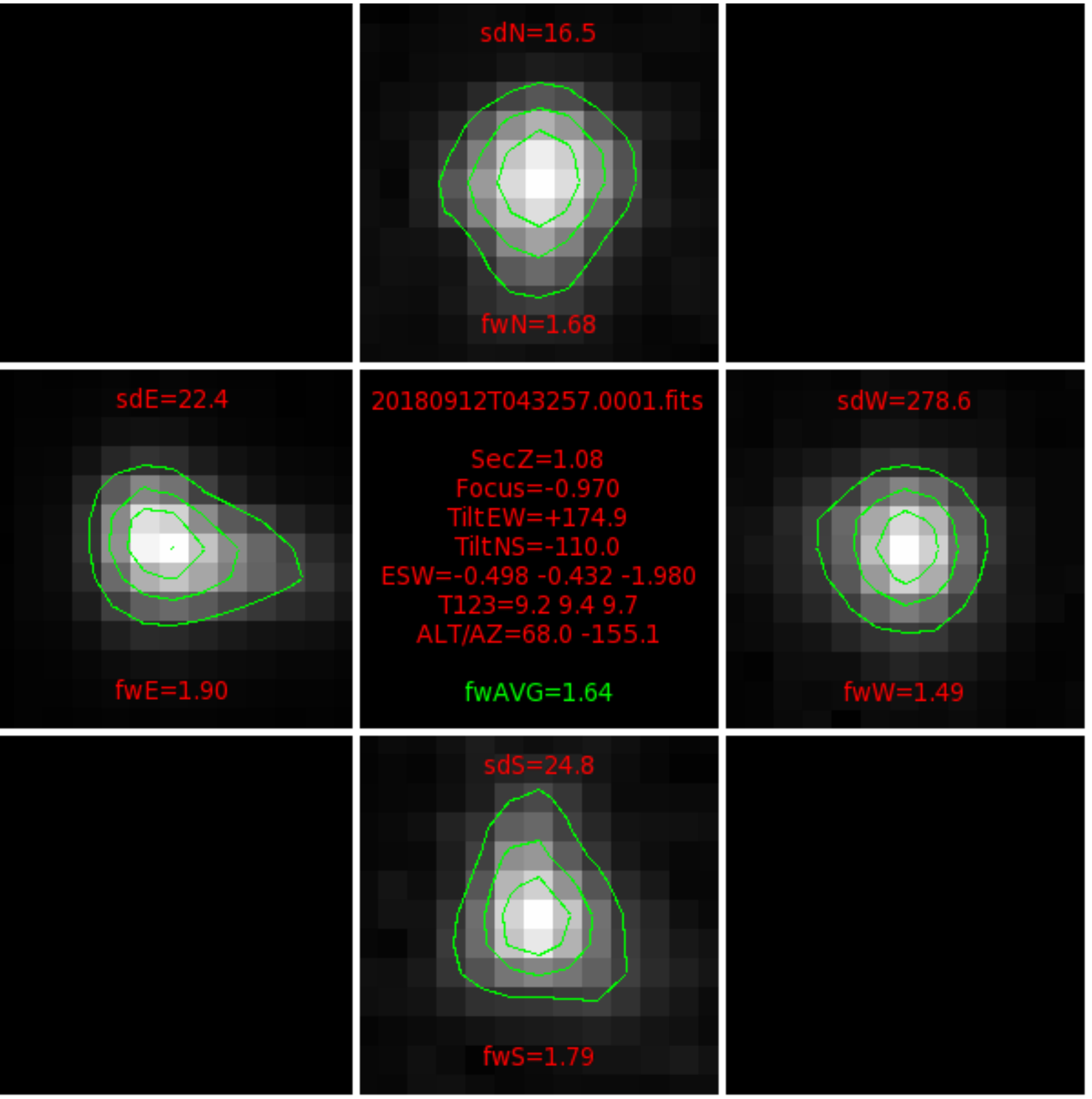
sdN=16.5
fwN=1.68
sdE=22.4
fwE=1.90
20180912T043257.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.2 9.4 9.7
ALT/AZ=68.0 -155.1
fwAVG=1.64
sdW=278.6
fwW=1.49
sdS=24.8
fwS=1.79
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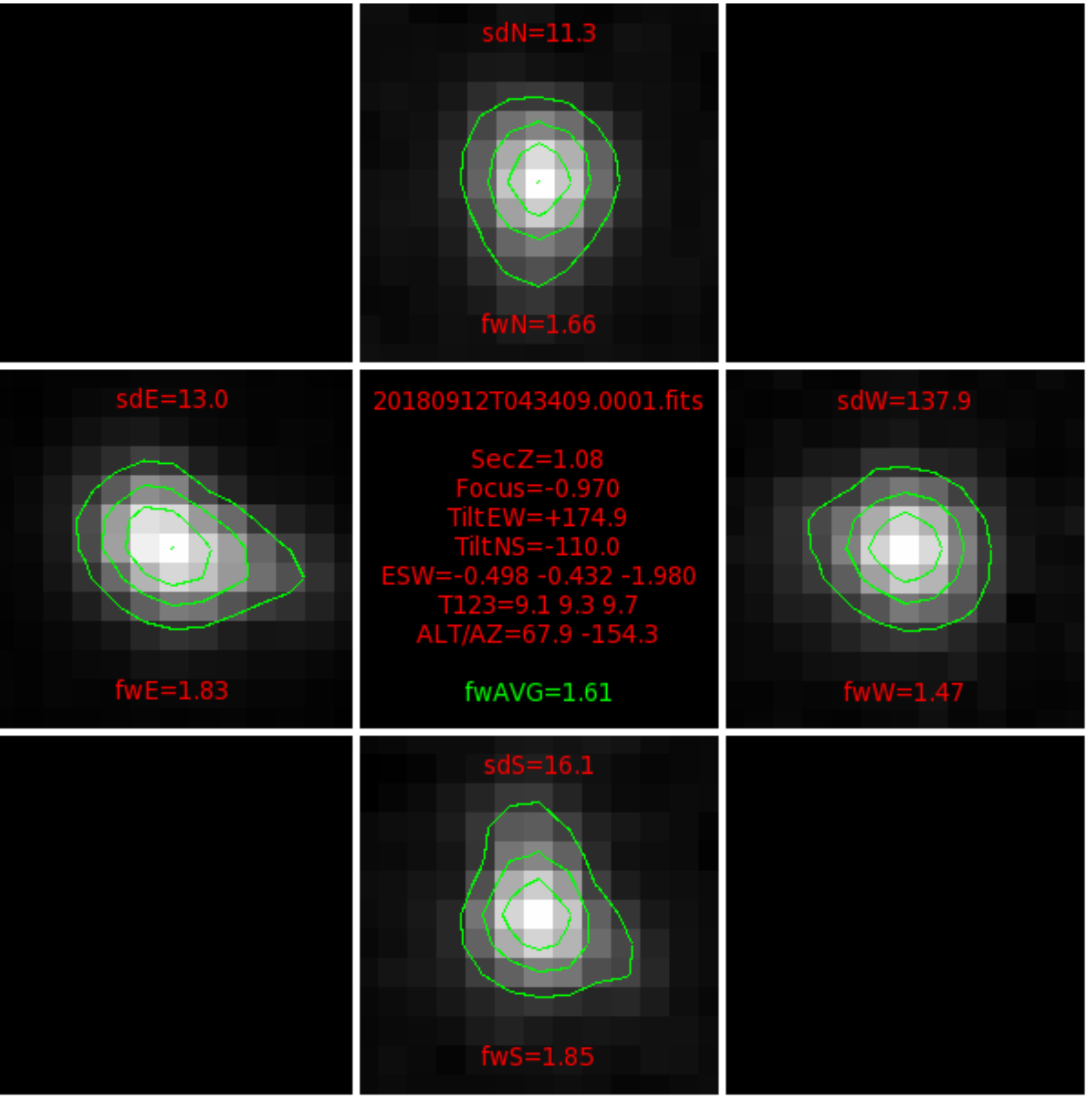
sdN=11.3
fwN=1.66
sdE=13.0
fwE=1.83
20180912T043409.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.1 9.3 9.7
ALT/AZ=67.9 -154.3
fwAVG=1.61
sdW=137.9
fwW=1.47
sdS=16.1
fwS=1.85
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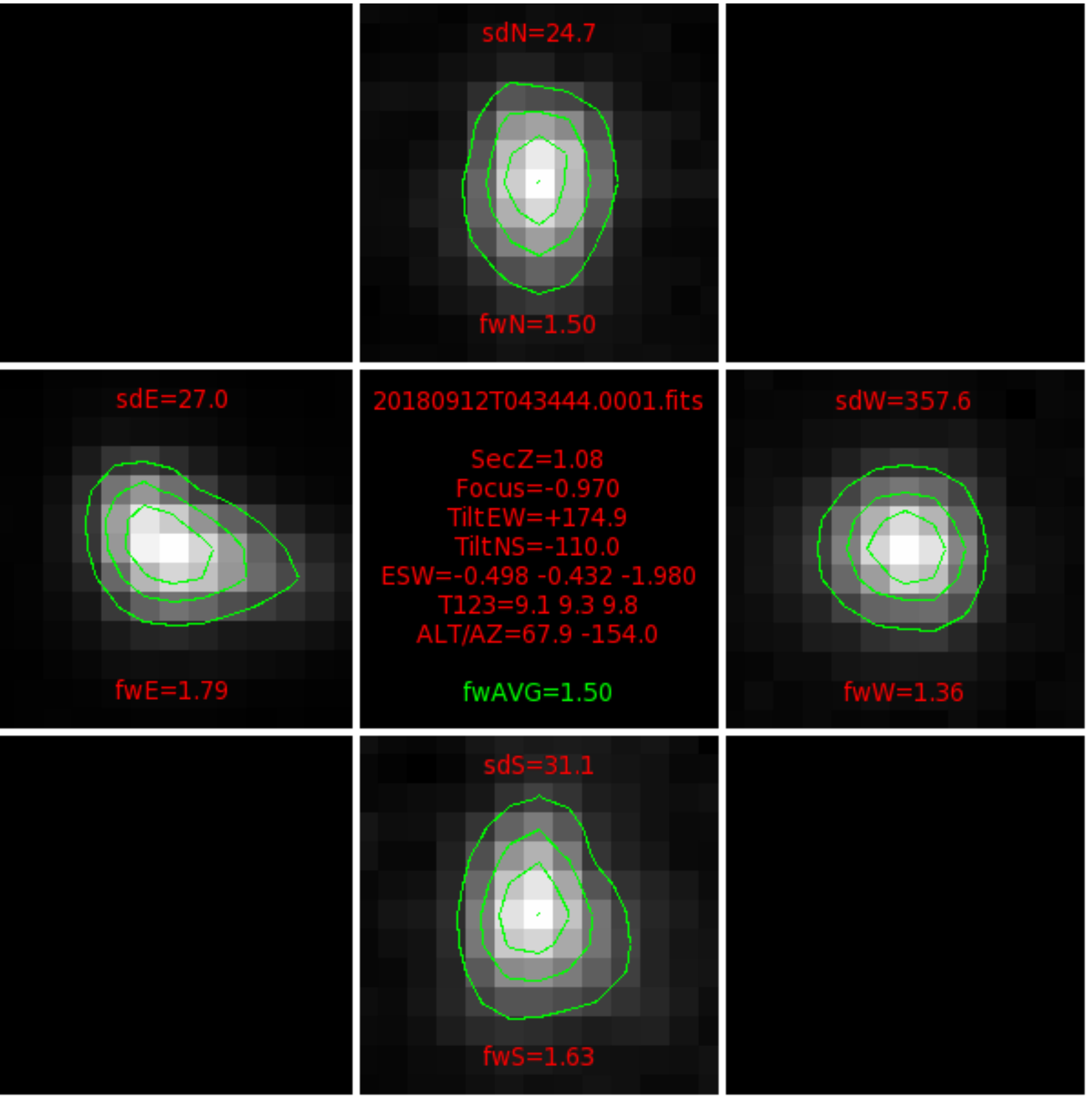
sdN=24.7
fwN=1.50
sdE=27.0
fwE=1.79
20180912T043444.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.1 9.3 9.8
ALT/AZ=67.9 -154.0
fwAVG=1.50
sdW=357.6
fwW=1.36
sdS=31.1
fwS=1.63
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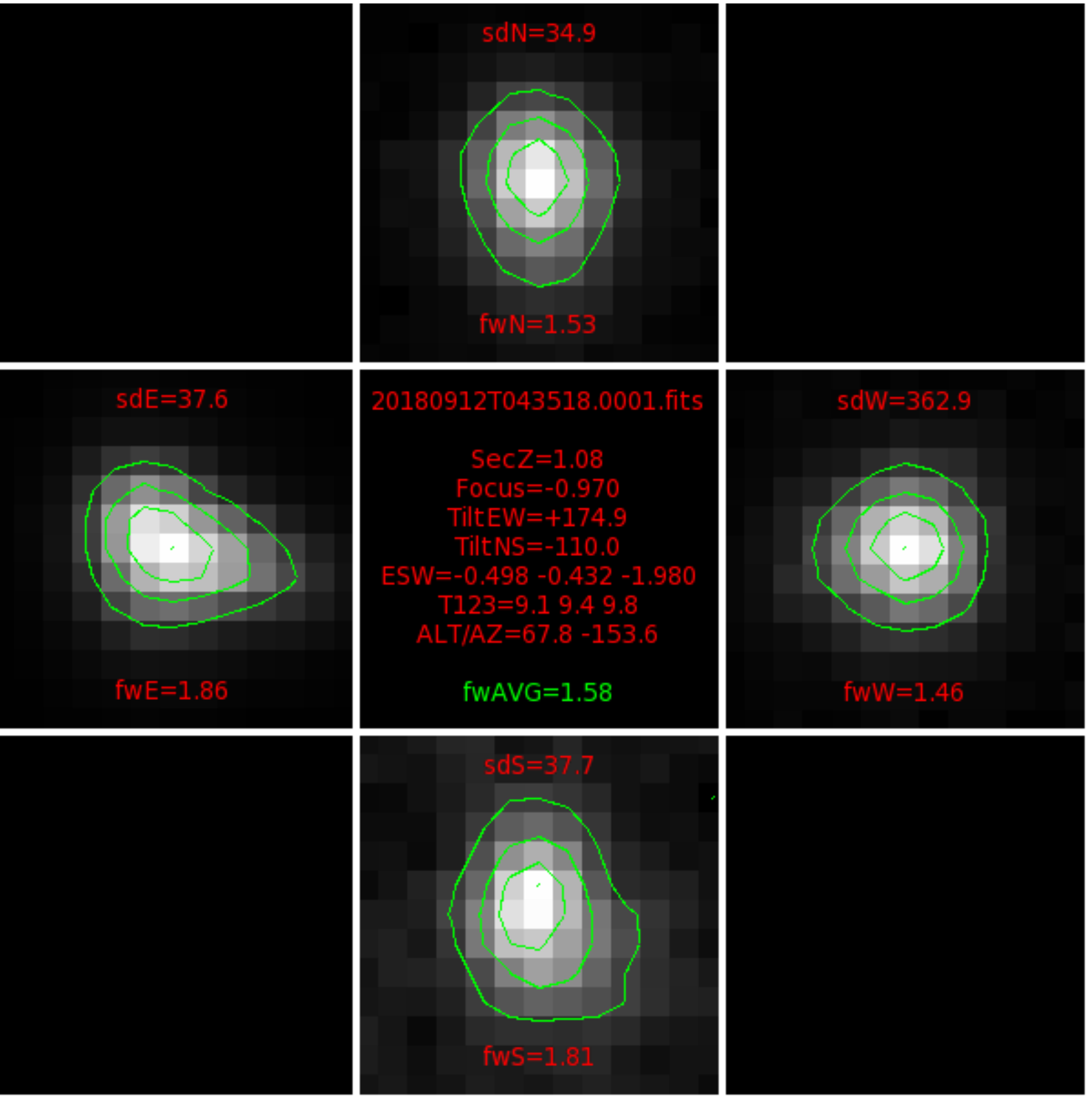
sdN=34.9
fwN=1.53
sdE=37.6
fwE=1.86
20180912T043518.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.1 9.4 9.8
ALT/AZ=67.8 -153.6
fwAVG=1.58
sdW=362.9
fwW=1.46
sdS=37.7
fwS=1.81
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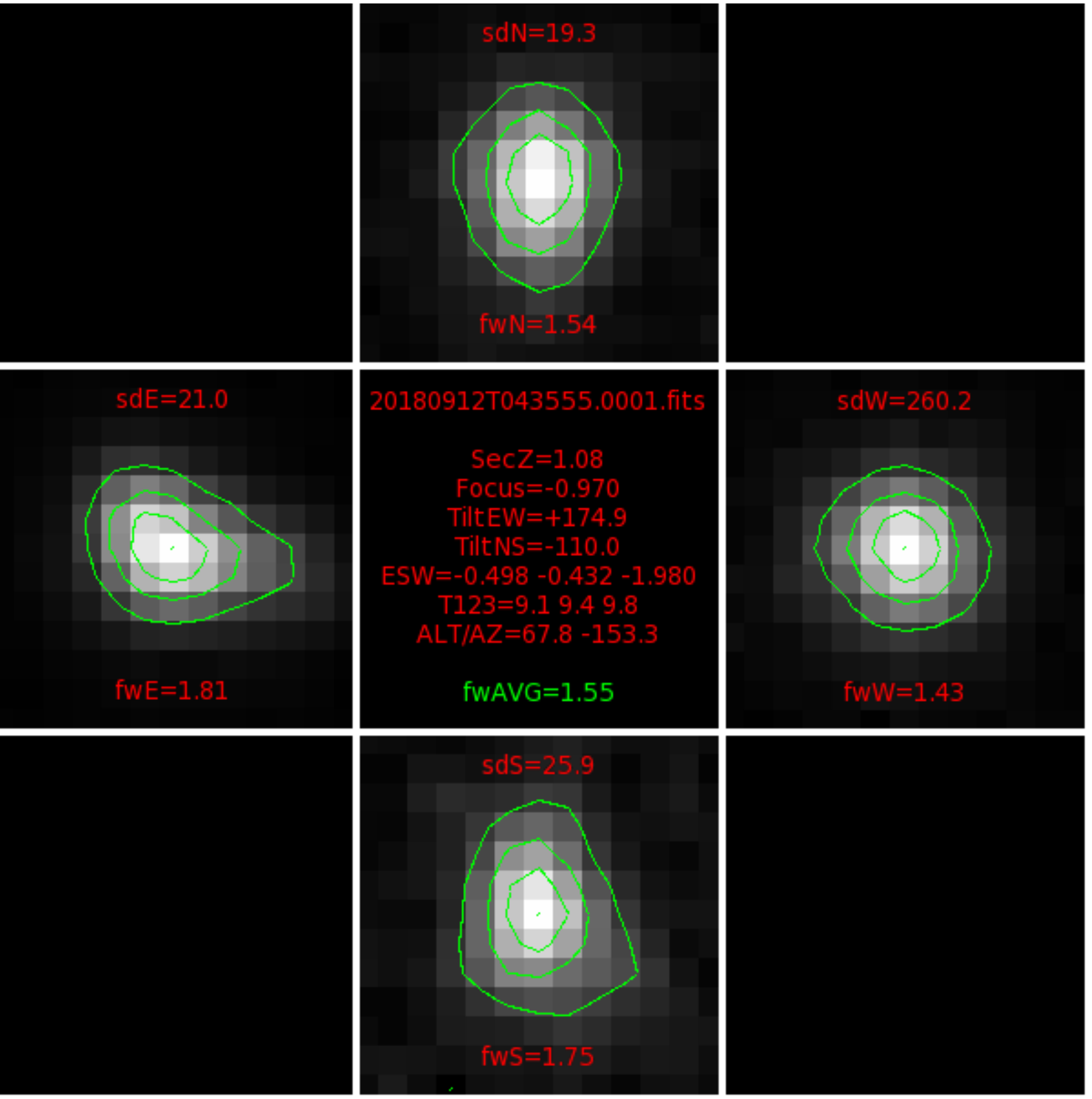
sdN=19.3
fwN=1.54
sdE=21.0
fwE=1.81
20180912T043555.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.1 9.4 9.8
ALT/AZ=67.8 -153.3
fwAVG=1.55
sdW=260.2
fwW=1.43
sdS=25.9
fwS=1.75
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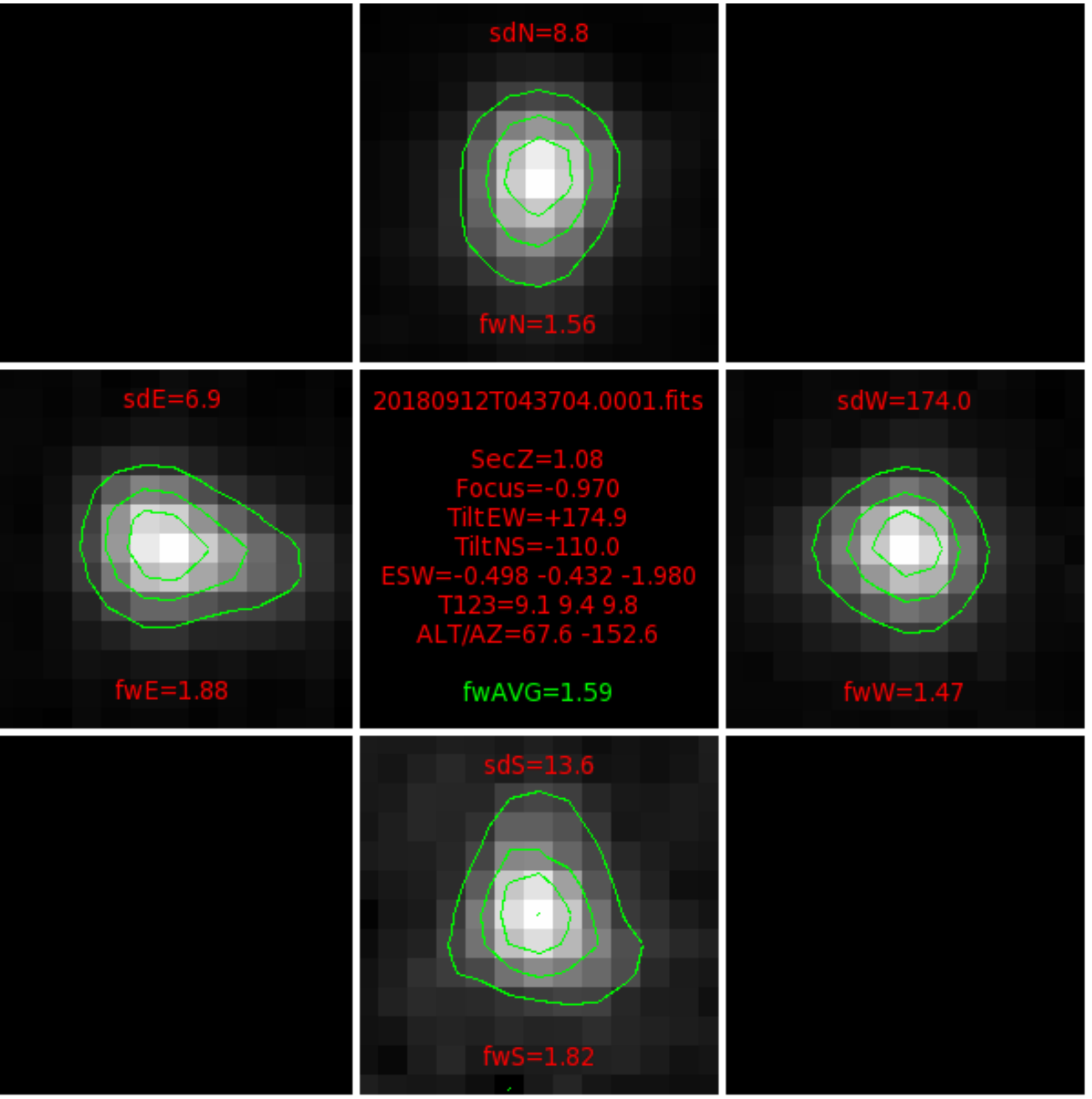
sdN=8.8
fwN=1.56
sdE=6.9
fwE=1.88
20180912T043704.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.1 9.4 9.8
ALT/AZ=67.6 -152.6
fwAVG=1.59
sdW=174.0
fwW=1.47
sdS=13.6
fwS=1.82
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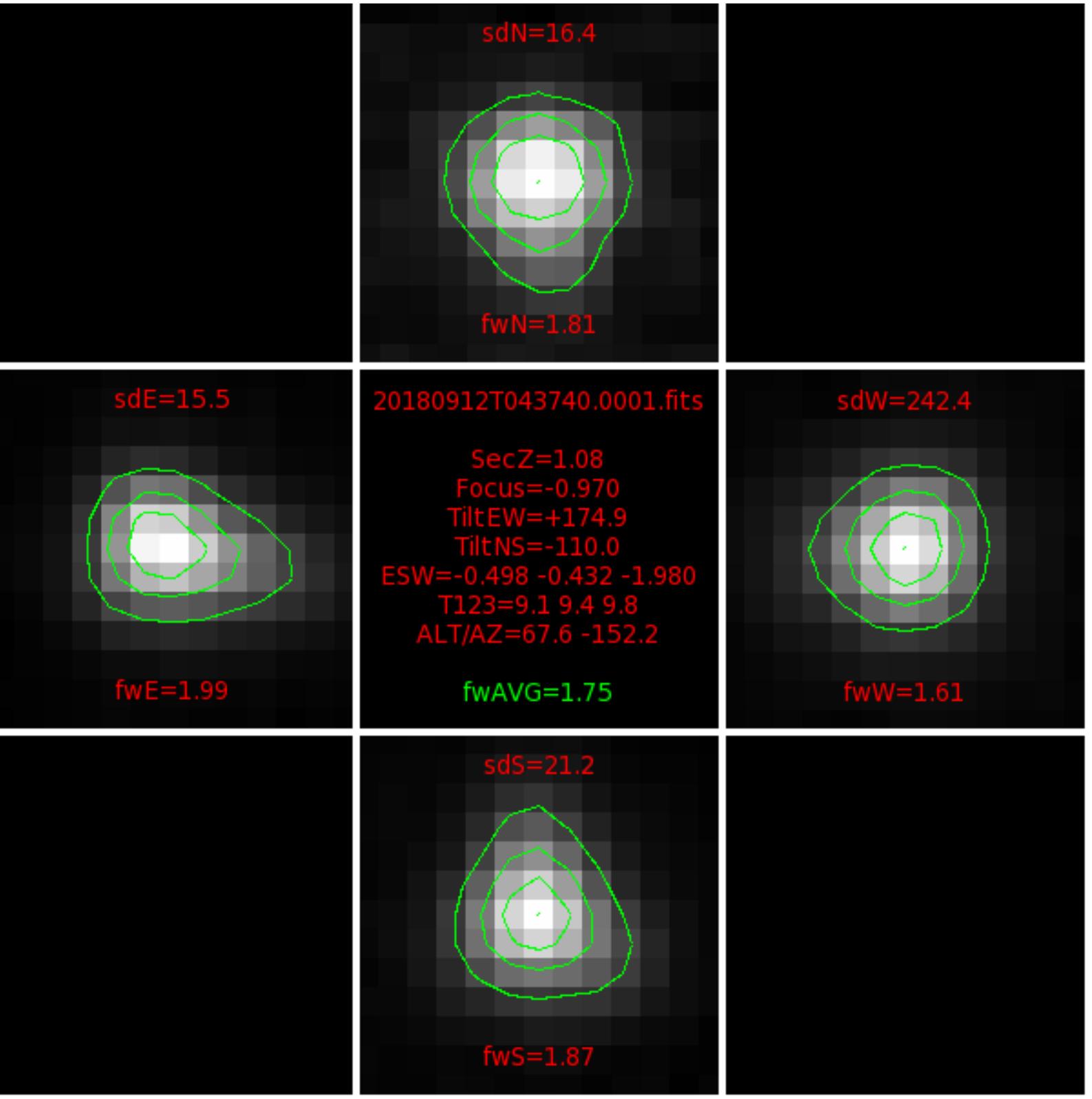
sdN=16.4
fwN=1.81
sdE=15.5
fwE=1.99
20180912T043740.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.1 9.4 9.8
ALT/AZ=67.6 -152.2
fwAVG=1.75
sdW=242.4
fwW=1.61
sdS=21.2
fwS=1.87
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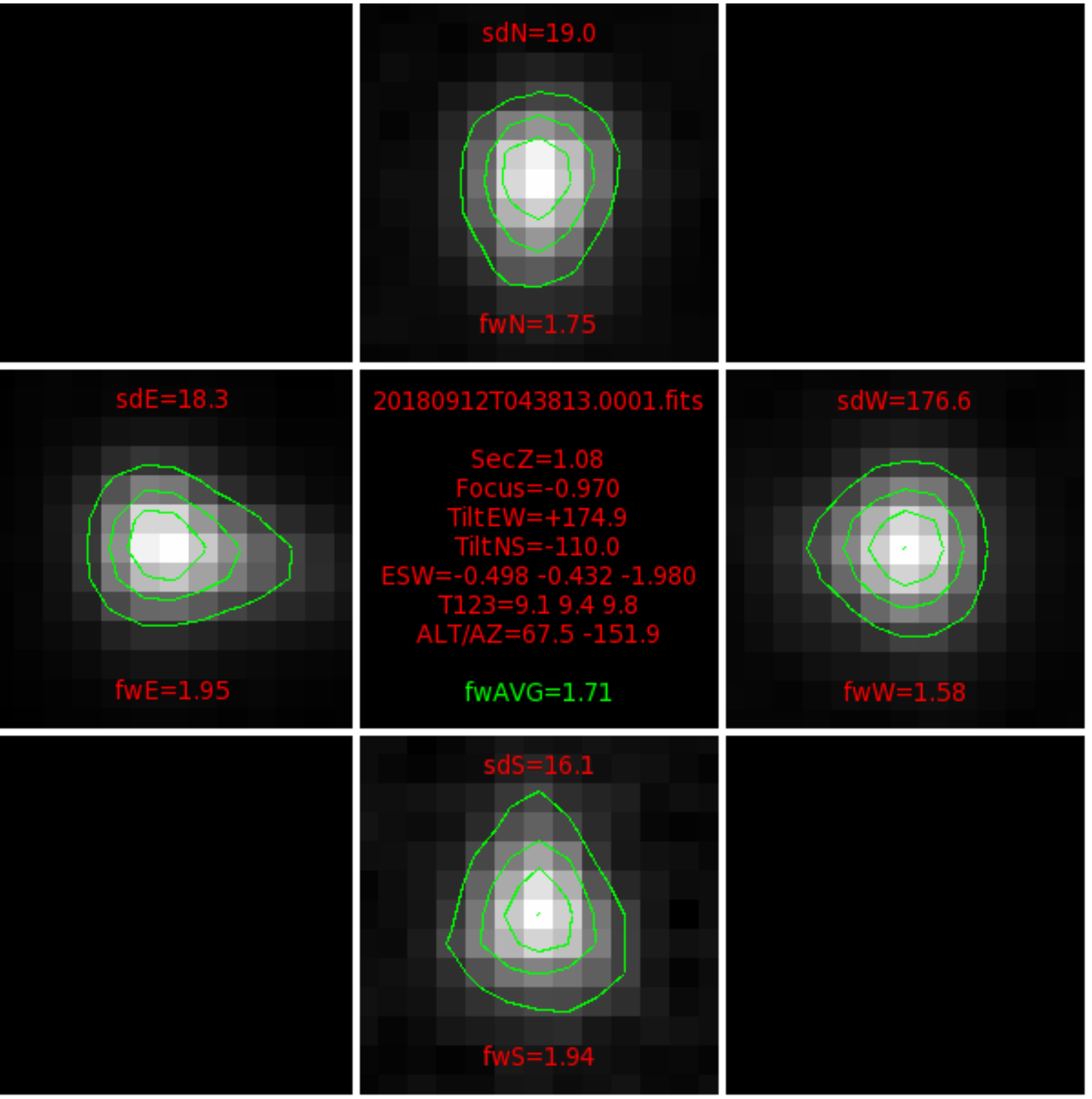
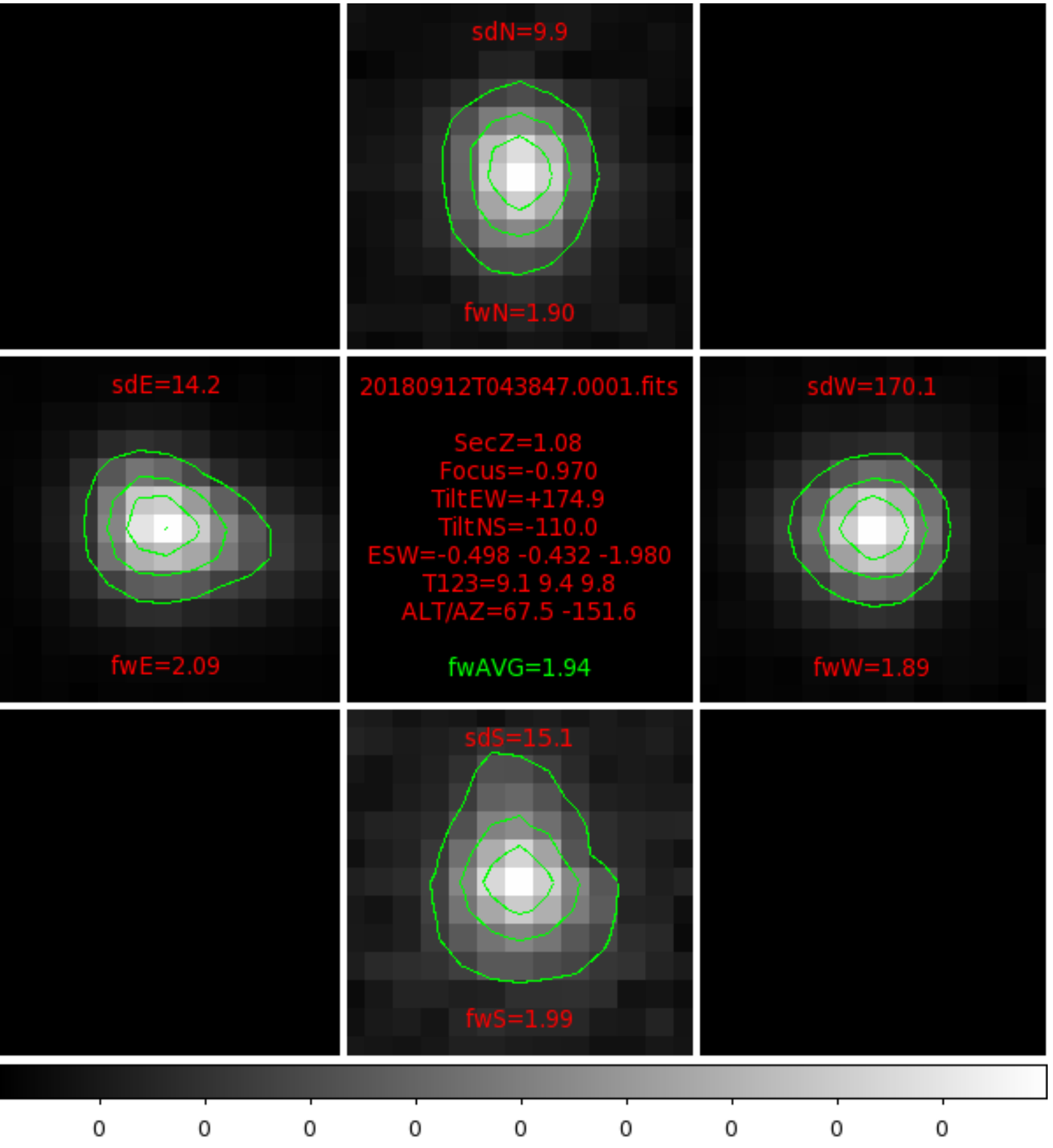
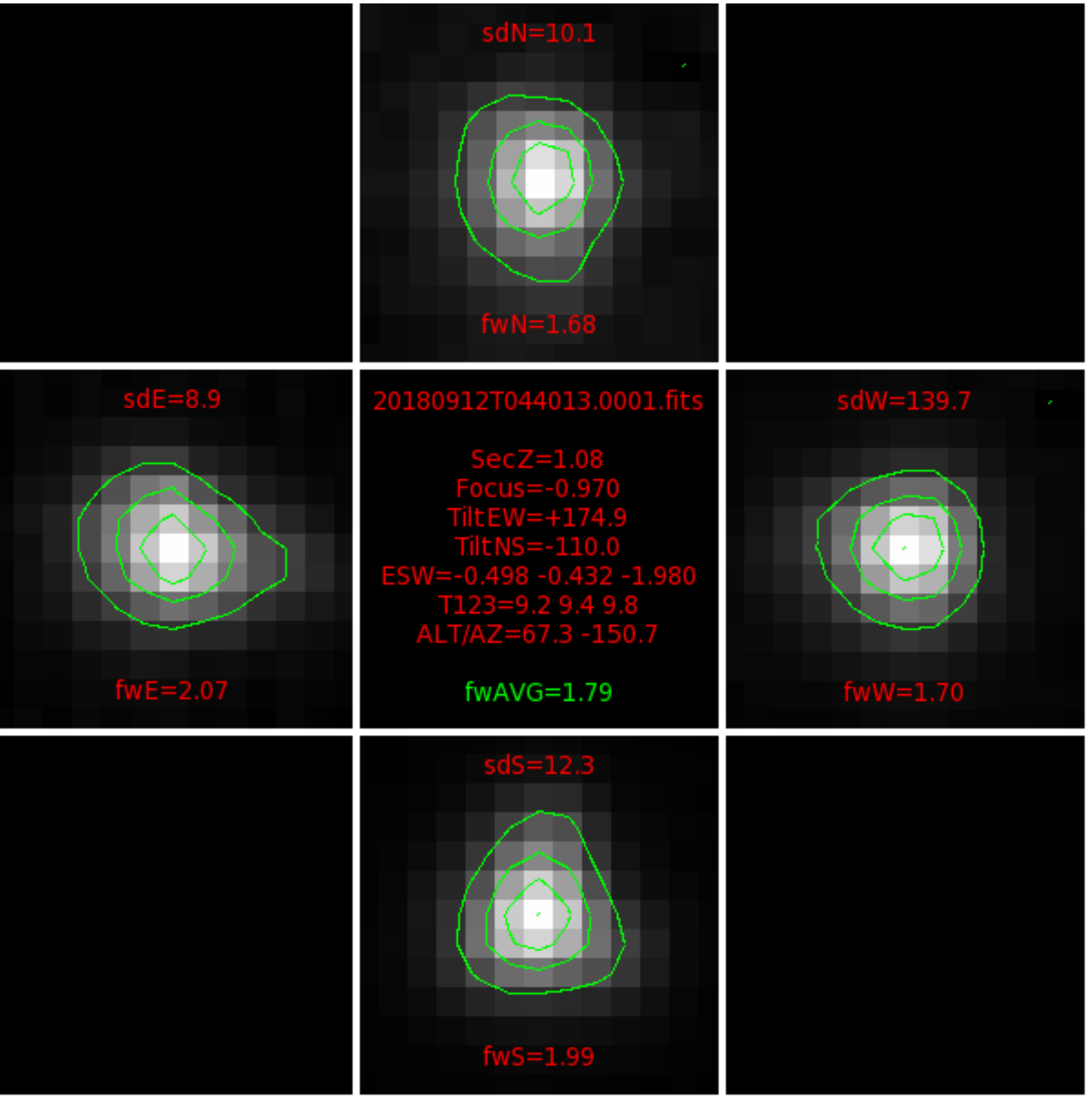

sdN=19.0
fwN=1.75
sdE=18.3
fwE=1.95
20180912T043813.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.1 9.4 9.8
ALT/AZ=67.5 -151.9
fwAVG=1.71
sdW=176.6
fwW=1.58
sdS=16.1
fwS=1.94
0 0 0 0 0 0 0 0 0


sdN=9.9
fwN=1.90
sdE=14.2
fwE=2.09
20180912T043847.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.1 9.4 9.8
ALT/AZ=67.5 -151.6
fwAVG=1.94
sdW=170.1
fwW=1.89
sdS=15.1
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=10.1
fwN=1.68
sdE=8.9
fwE=2.07
20180912T044013.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.2 9.4 9.8
ALT/AZ=67.3 -150.7
fwAVG=1.79
sdW=139.7
fwW=1.70
sdS=12.3
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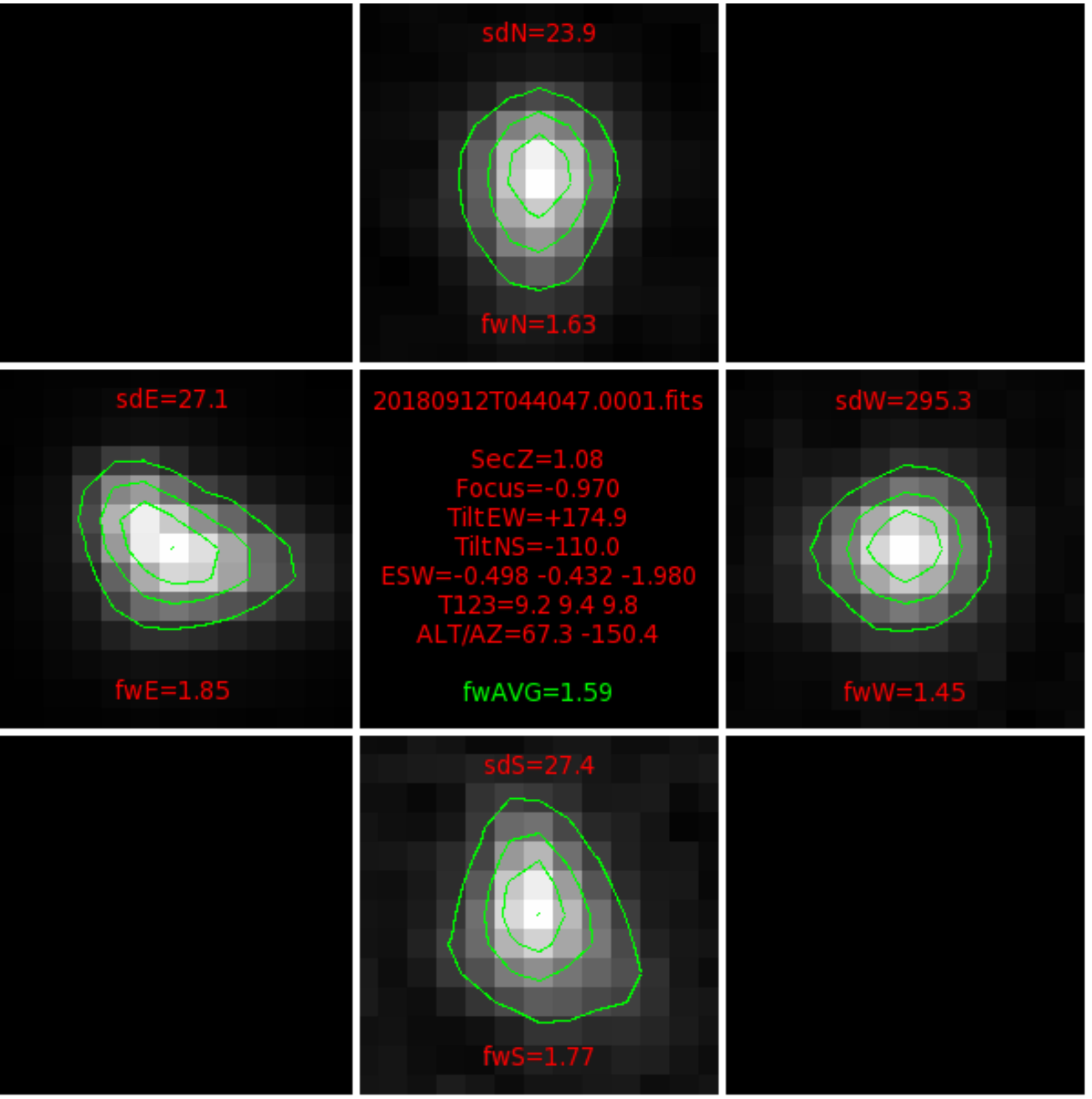
sdN=23.9
fwN=1.63
sdE=27.1
fwE=1.85
20180912T044047.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.2 9.4 9.8
ALT/AZ=67.3 -150.4
fwAVG=1.59
sdW=295.3
fwW=1.45
sdS=27.4
fwS=1.77
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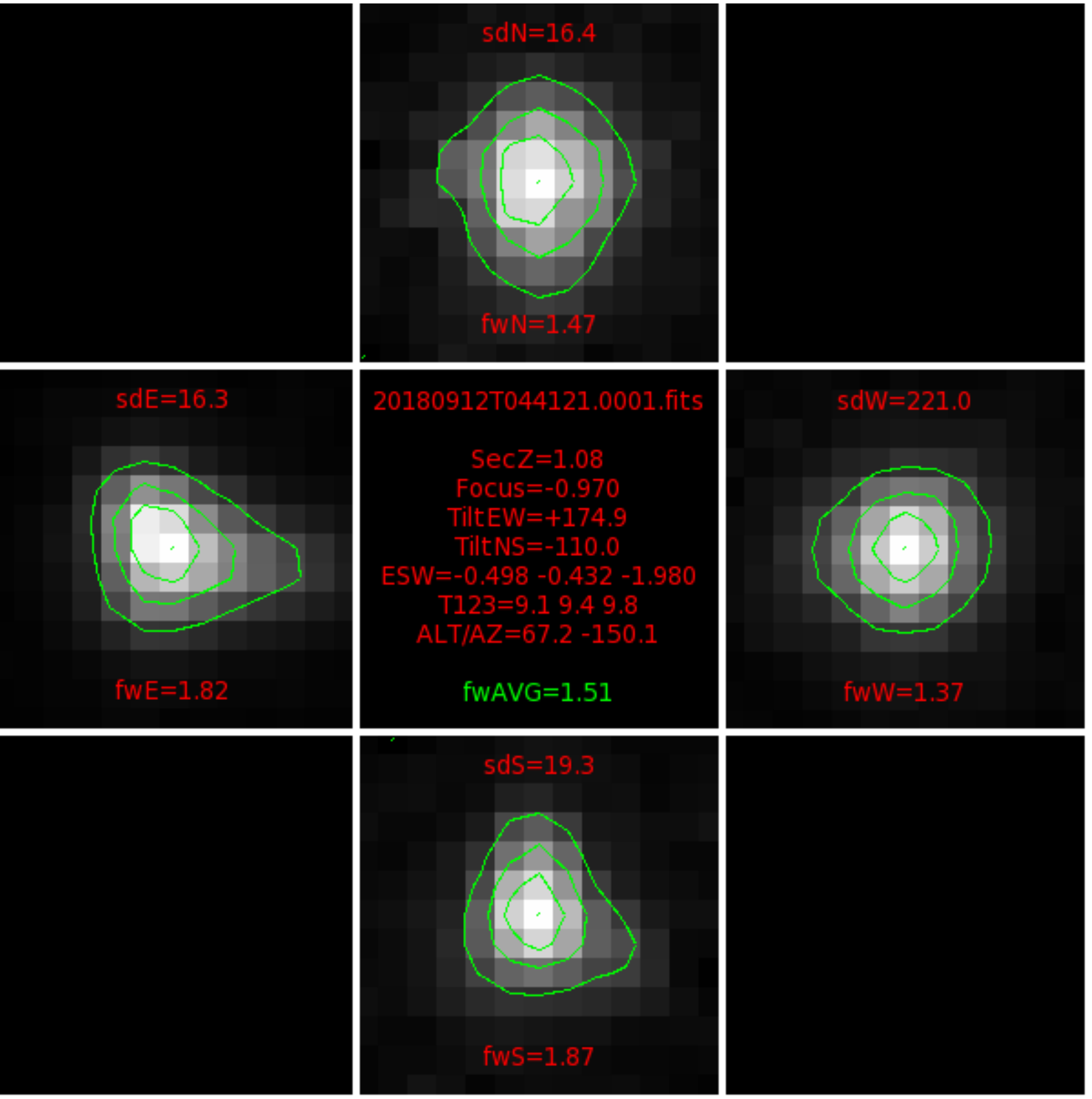
sdN=16.4
fwN=1.47
sdE=16.3
fwE=1.82
20180912T044121.0001.fits
SecZ=1.08
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.1 9.4 9.8
ALT/AZ=67.2 -150.1
fwAVG=1.51
sdW=221.0
fwW=1.37
sdS=19.3
fwS=1.87
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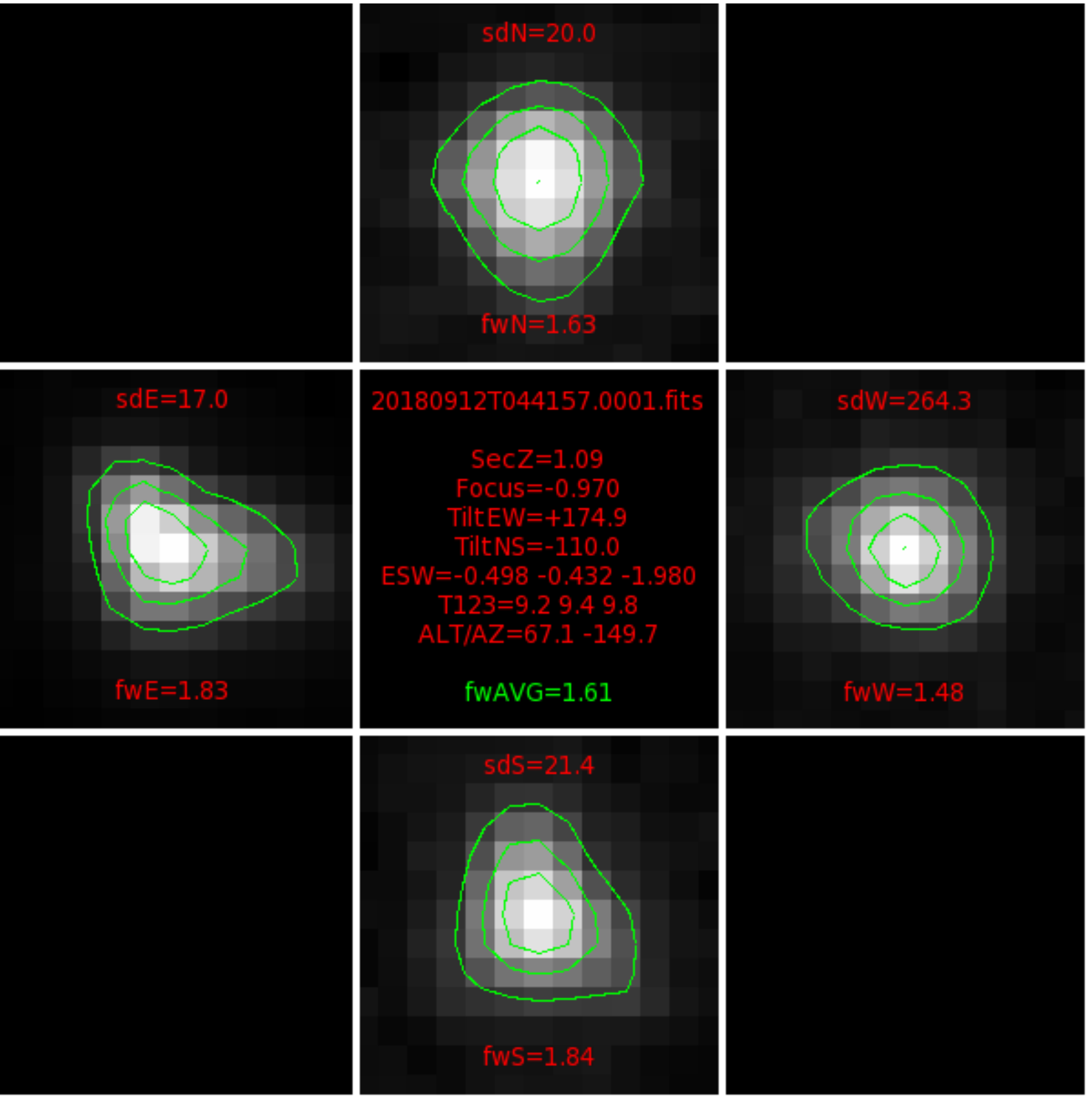
sdN=20.0
fwN=1.63
sdE=17.0
fwE=1.83
20180912T044157.0001.fits
SecZ=1.09
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.2 9.4 9.8
ALT/AZ=67.1 -149.7
fwAVG=1.61
sdW=264.3
fwW=1.48
sdS=21.4
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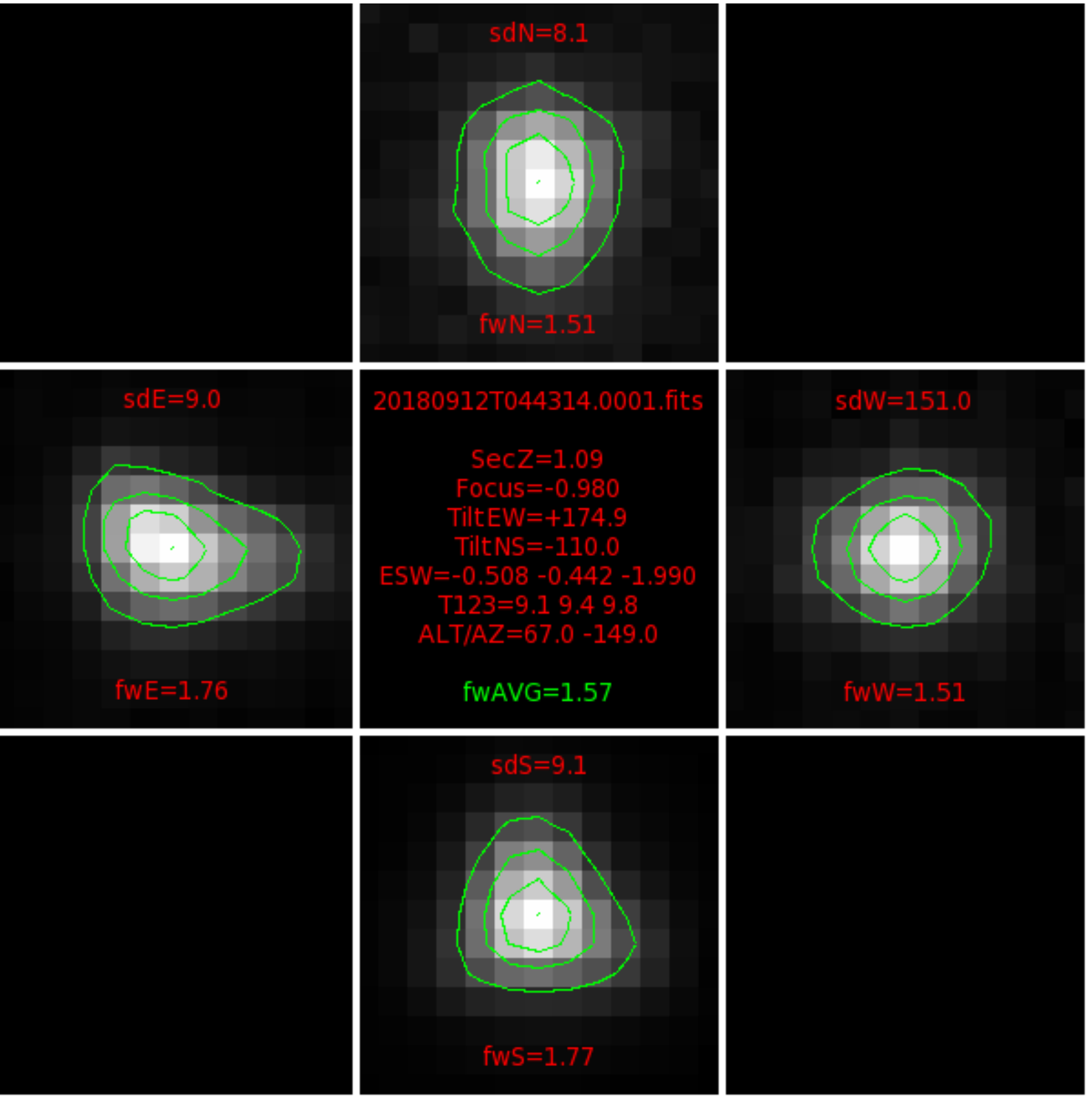
sdN=8.1
fwN=1.51
sdE=9.0
fwE=1.76
20180912T044314.0001.fits
SecZ=1.09
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.4 9.8
ALT/AZ=67.0 -149.0
fwAVG=1.57
sdW=151.0
fwW=1.51
sdS=9.1
fwS=1.77
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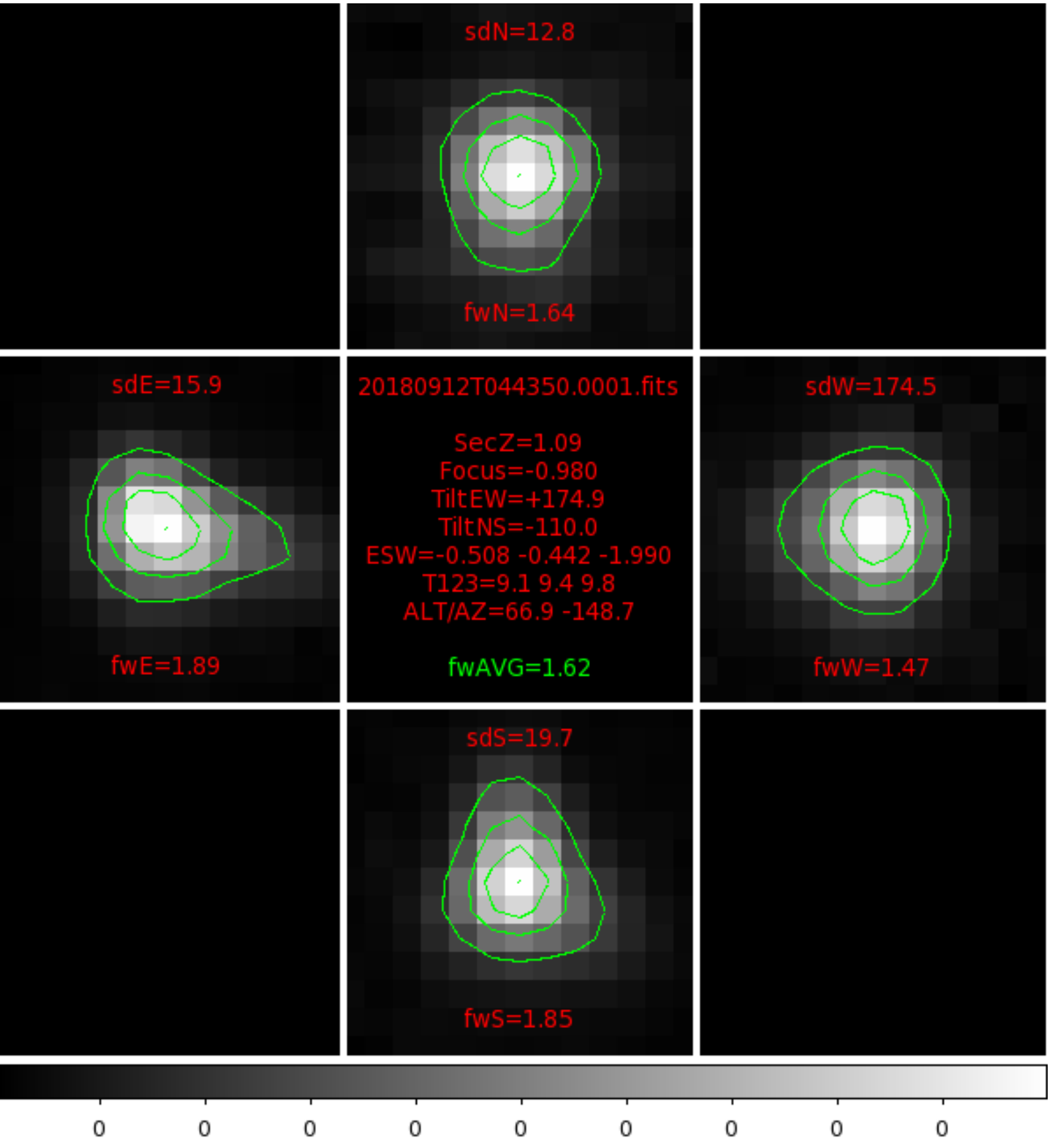
sdN=12.8
fwN=1.64
sdE=15.9
fwE=1.89
20180912T044350.0001.fits
SecZ=1.09
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.4 9.8
ALT/AZ=66.9 -148.7
fwAVG=1.62
sdW=174.5
fwW=1.47
sdS=19.7
fwS=1.85
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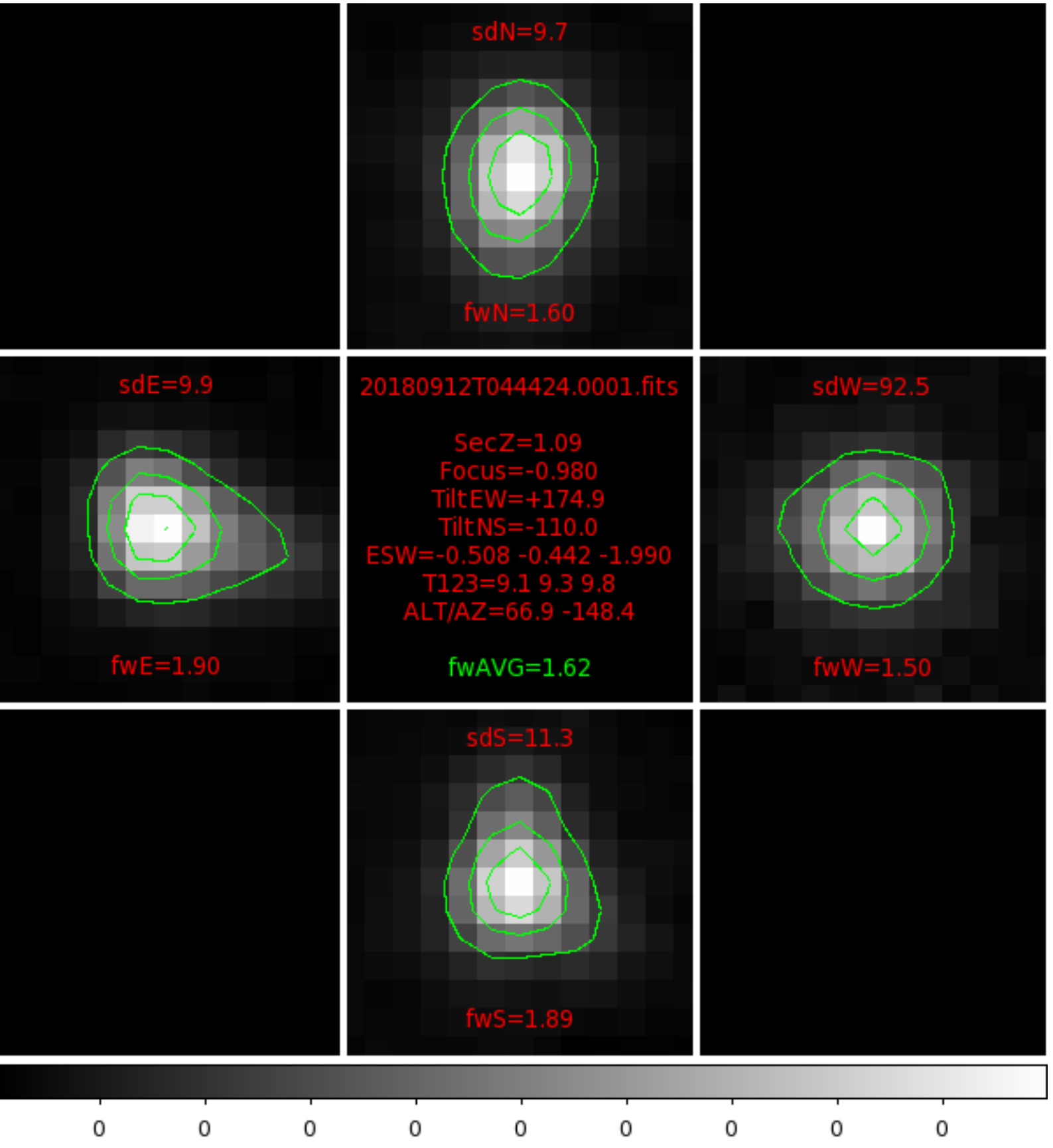
sdN=9.7
fwN=1.60
sdE=9.9
fwE=1.90
20180912T044424.0001.fits
SecZ=1.09
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.3 9.8
ALT/AZ=66.9 -148.4
fwAVG=1.62
sdW=92.5
fwW=1.50
sdS=11.3
fwS=1.89
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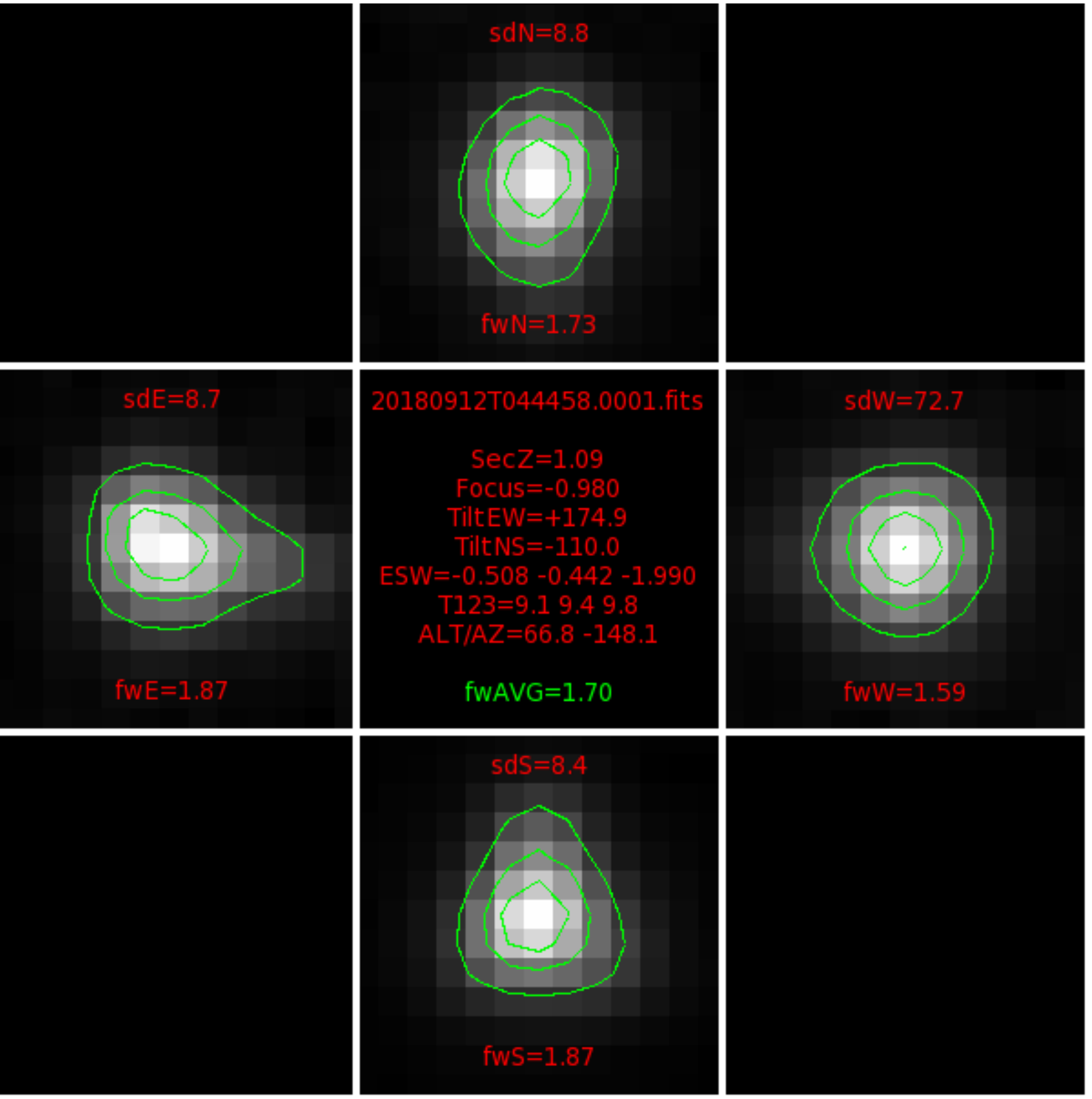
sdN=8.8
fwN=1.73
sdE=8.7
fwE=1.87
20180912T044458.0001.fits
SecZ=1.09
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.4 9.8
ALT/AZ=66.8 -148.1
fwAVG=1.70
sdW=72.7
fwW=1.59
sdS=8.4
fwS=1.87
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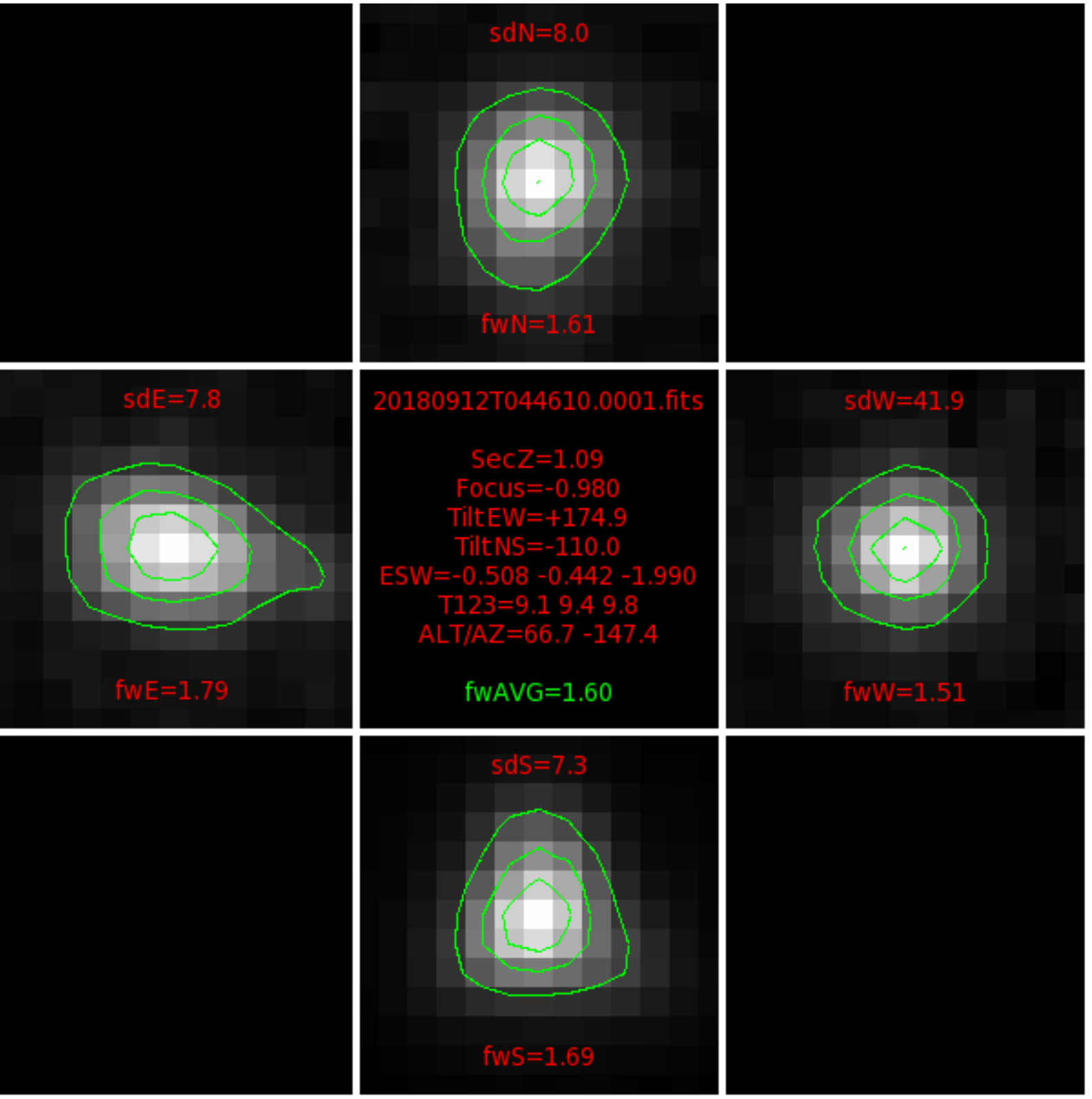
sdN=8.0
fwN=1.61
sdE=7.8
fwE=1.79
20180912T044610.0001.fits
SecZ=1.09
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.4 9.8
ALT/AZ=66.7 -147.4
fwAVG=1.60
sdW=41.9
fwW=1.51
sdS=7.3
fwS=1.69
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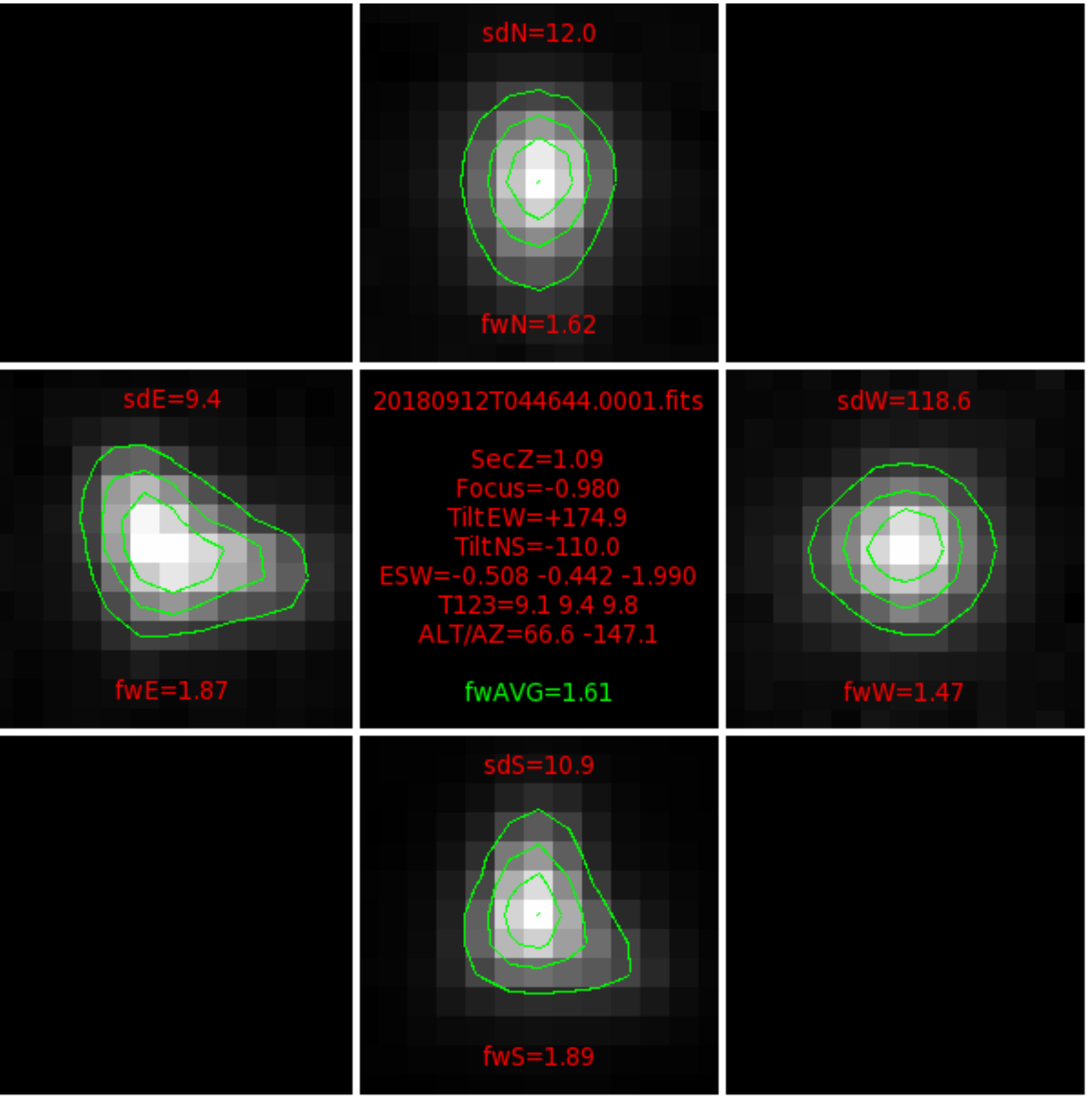
sdN=12.0
fwN=1.62
sdE=9.4
fwE=1.87
20180912T044644.0001.fits
SecZ=1.09
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.4 9.8
ALT/AZ=66.6 -147.1
fwAVG=1.61
sdW=118.6
fwW=1.47
sdS=10.9
fwS=1.89
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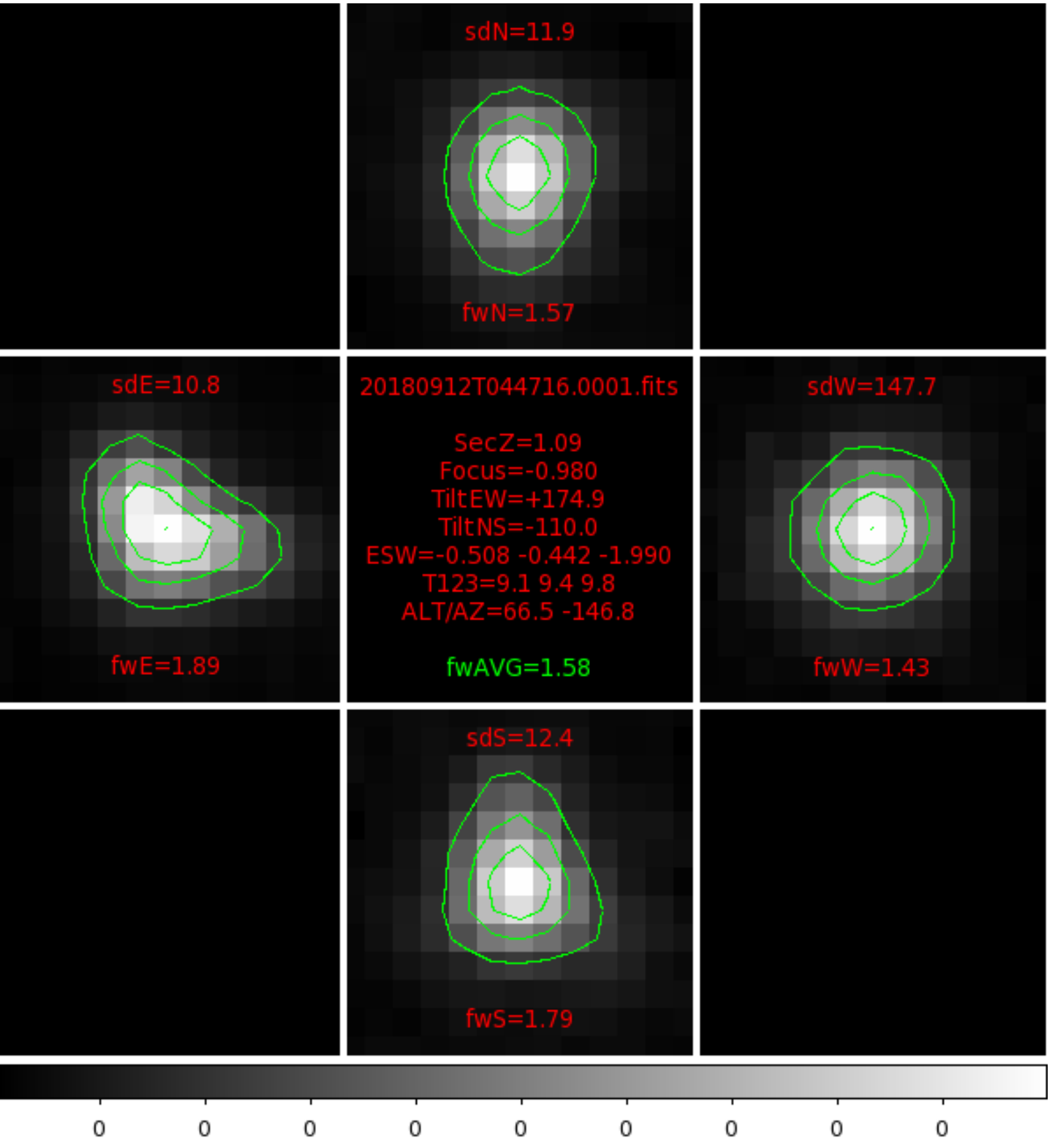
sdN=11.9
fwN=1.57
sdE=10.8
fwE=1.89
20180912T044716.0001.fits
SecZ=1.09
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.4 9.8
ALT/AZ=66.5 -146.8
fwAVG=1.58
sdW=147.7
fwW=1.43
sdS=12.4
fwS=1.79
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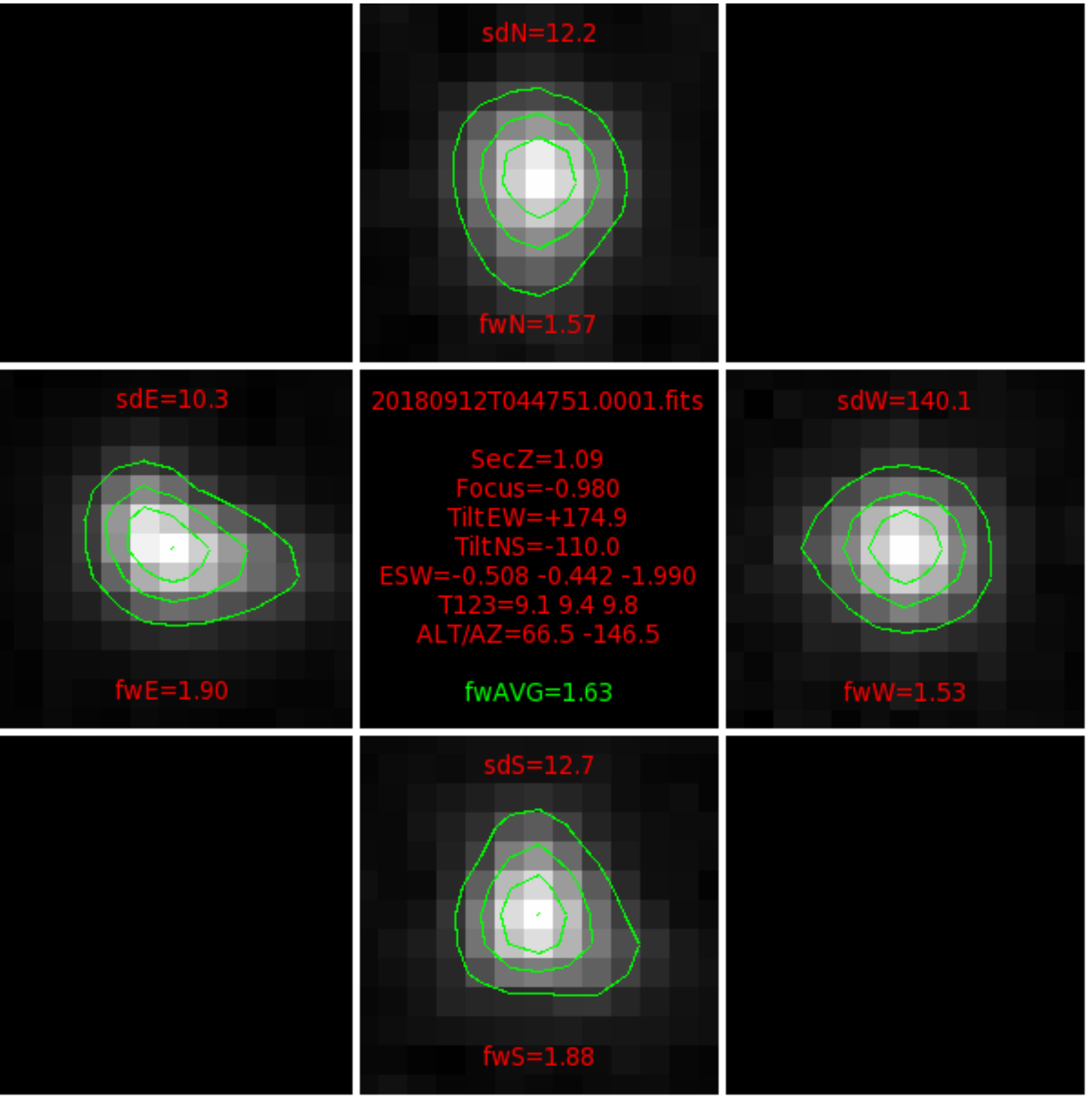
sdN=12.2
fwN=1.57
sdE=10.3
fwE=1.90
20180912T044751.0001.fits
SecZ=1.09
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.4 9.8
ALT/AZ=66.5 -146.5
fwAVG=1.63
sdW=140.1
fwW=1.53
sdS=12.7
fwS=1.88
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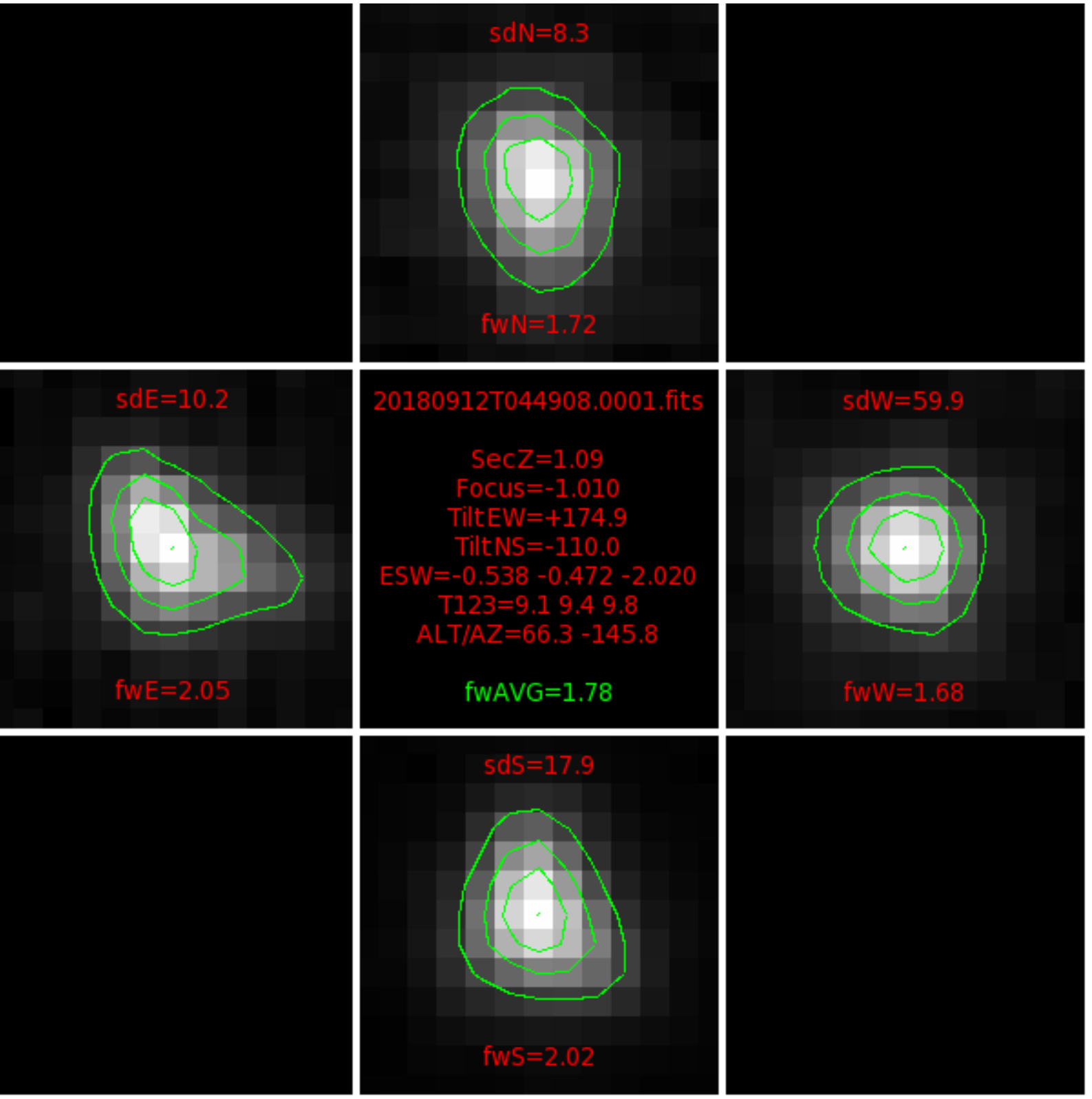
sdN=8.3
fwN=1.72
sdE=10.2
fwE=2.05
20180912T044908.0001.fits
SecZ=1.09
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 9.4 9.8
ALT/AZ=66.3 -145.8
fwAVG=1.78
sdW=59.9
fwW=1.68
sdS=17.9
fwS=2.02
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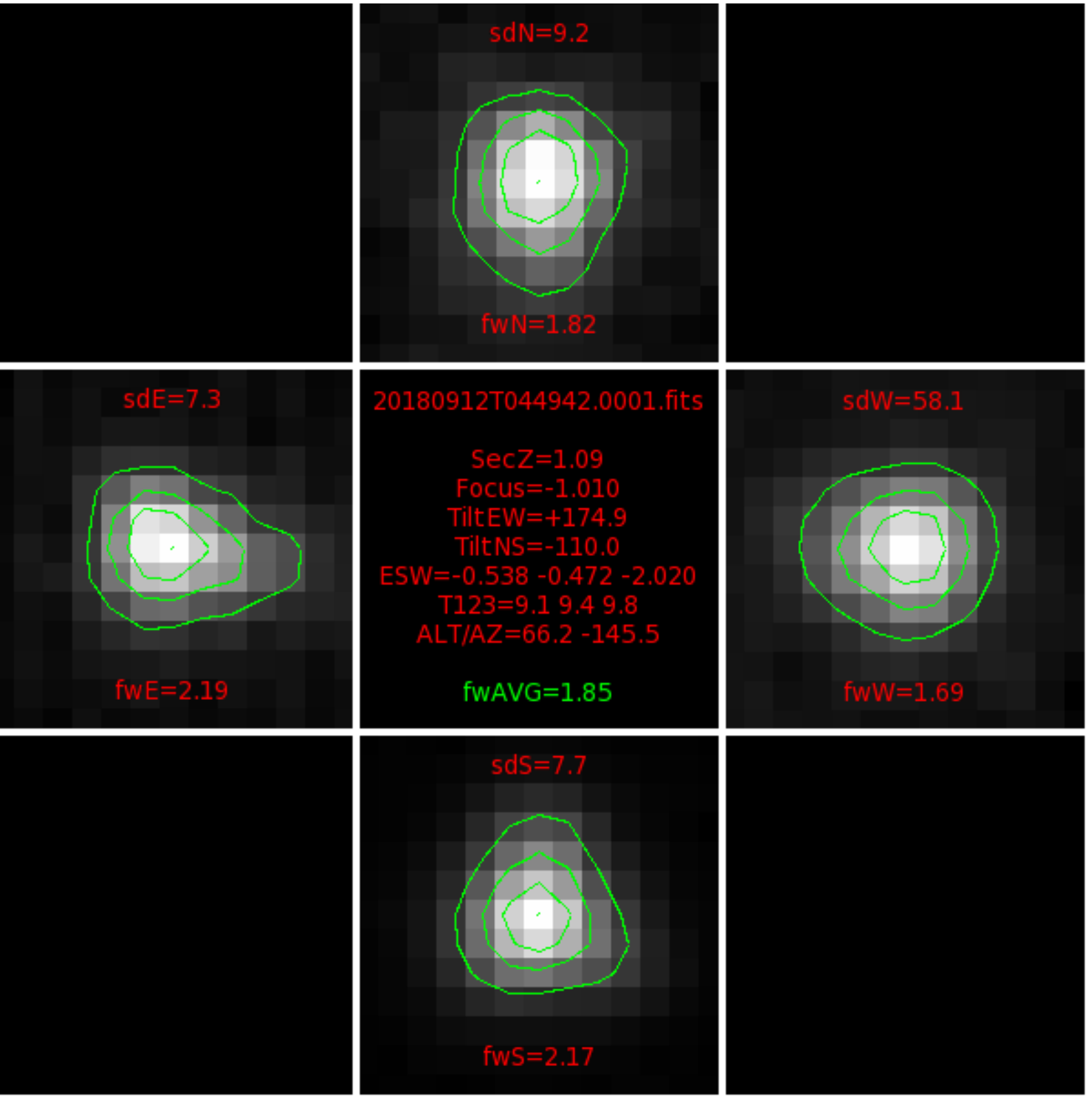
sdN=9.2
fwN=1.82
sdE=7.3
fwE=2.19
20180912T044942.0001.fits
SecZ=1.09
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 9.4 9.8
ALT/AZ=66.2 -145.5
fwAVG=1.85
sdW=58.1
fwW=1.69
sdS=7.7
fwS=2.17
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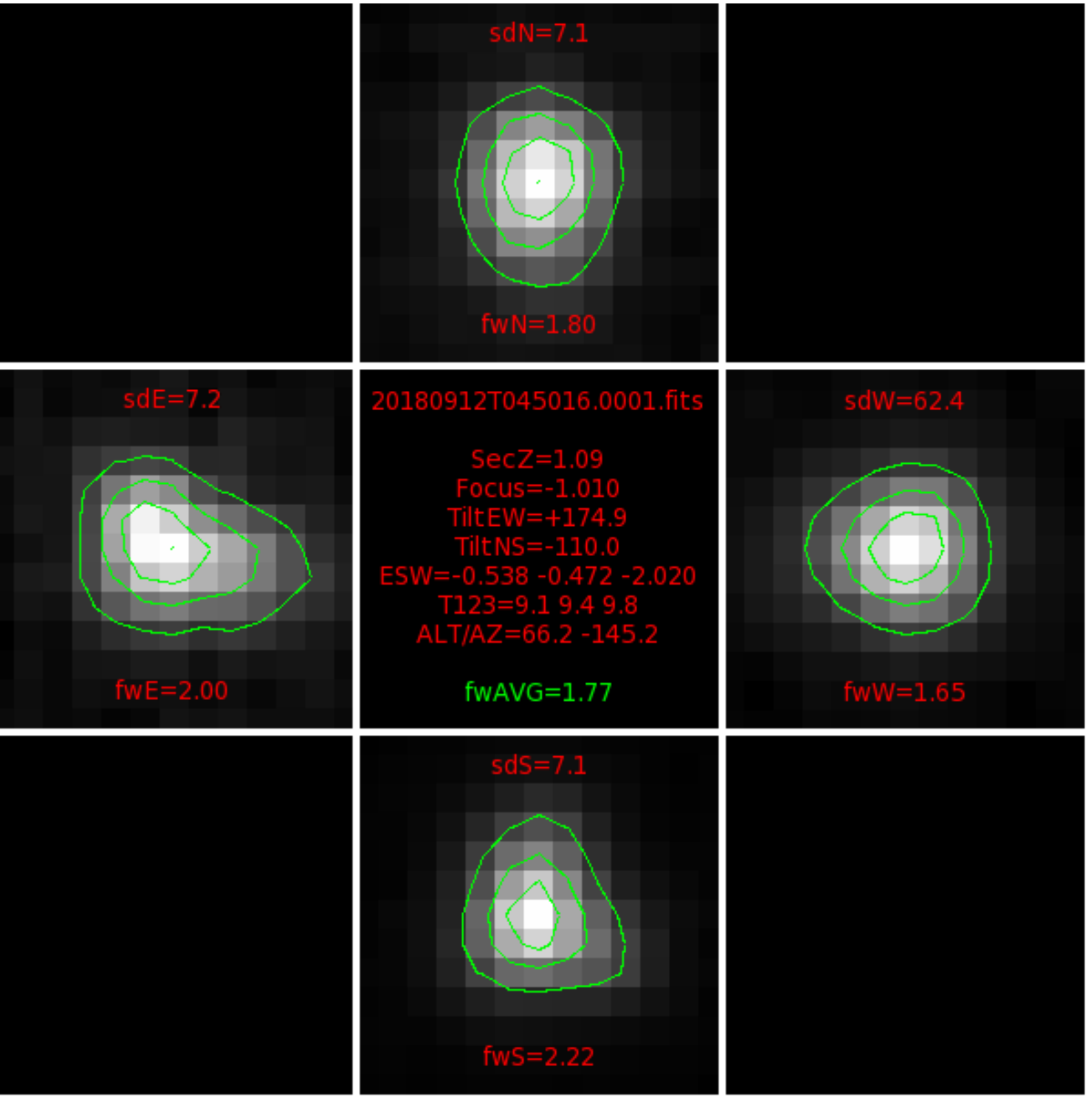
sdN=7.1
fwN=1.80
sdE=7.2
fwE=2.00
20180912T045016.0001.fits
SecZ=1.09
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 9.4 9.8
ALT/AZ=66.2 -145.2
fwAVG=1.77
sdW=62.4
fwW=1.65
sdS=7.1
fwS=2.22
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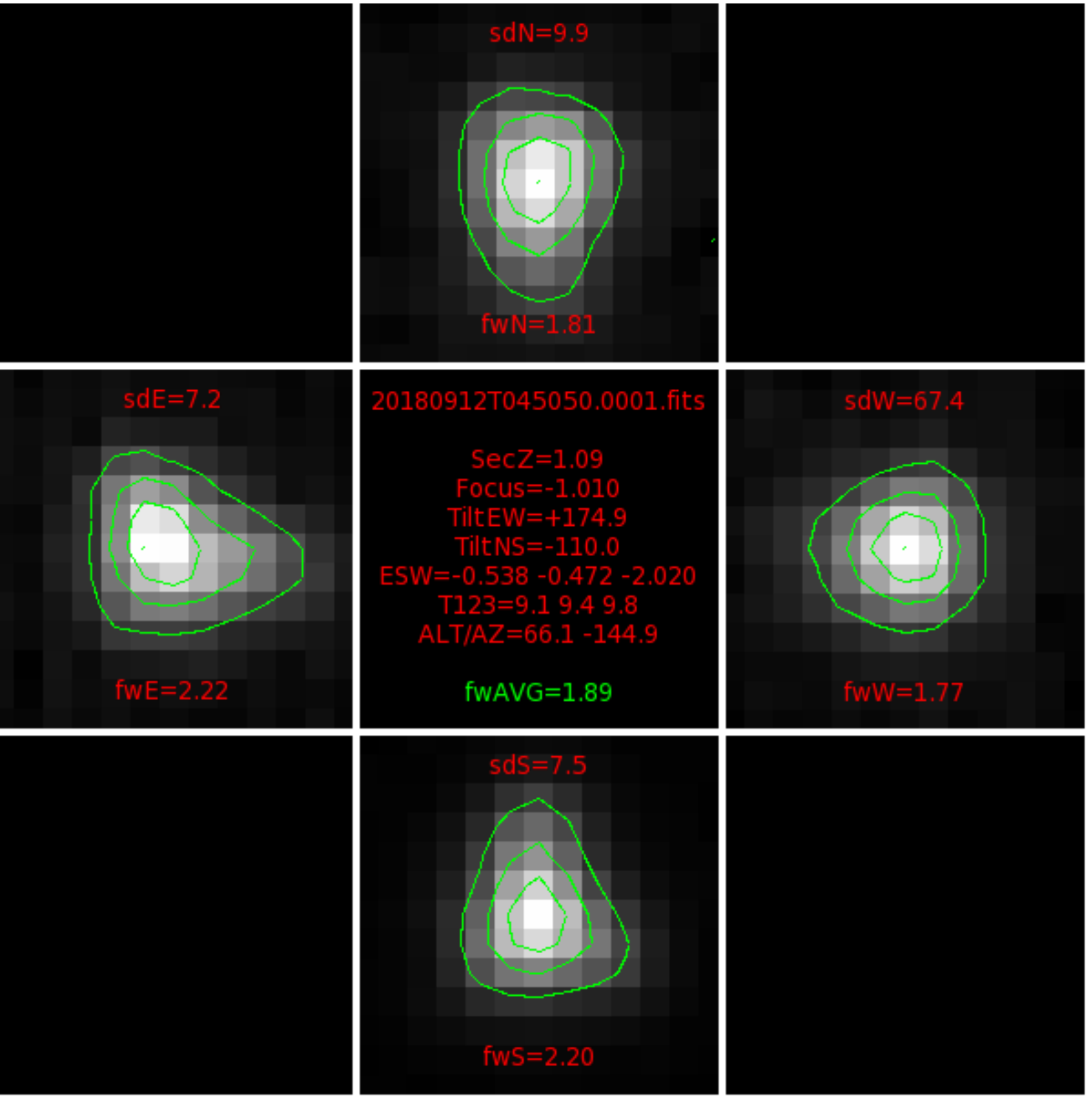
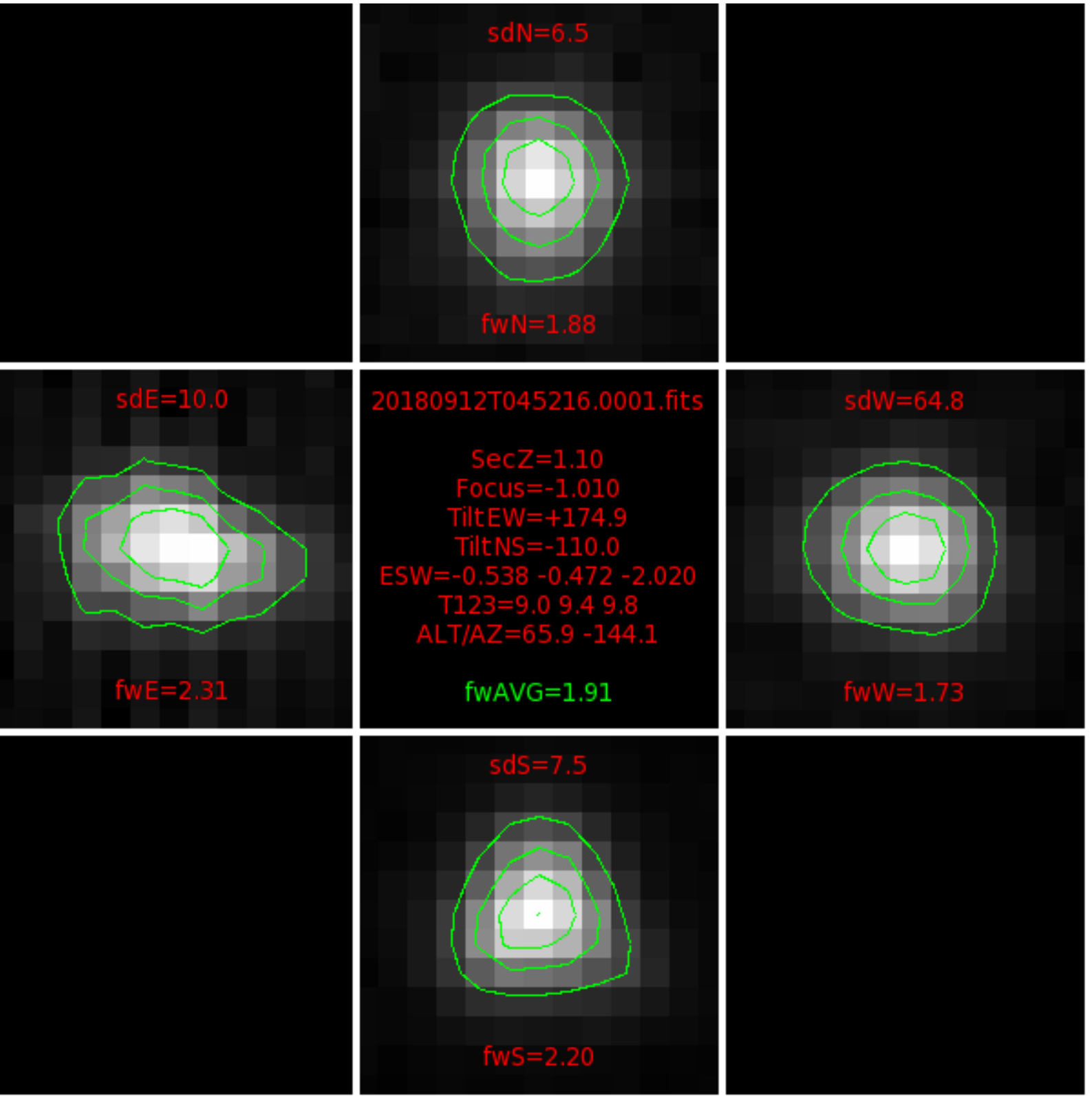

sdN=9.9
fwN=1.81
sdE=7.2
fwE=2.22
20180912T045050.0001.fits
SecZ=1.09
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 9.4 9.8
ALT/AZ=66.1 -144.9
fwAVG=1.89
sdW=67.4
fwW=1.77
sdS=7.5
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=6.5
fwN=1.88
sdE=10.0
fwE=2.31
20180912T045216.0001.fits
SecZ=1.10
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.0 9.4 9.8
ALT/AZ=65.9 -144.1
fwAVG=1.91
sdW=64.8
fwW=1.73
sdS=7.5
fwS=2.20
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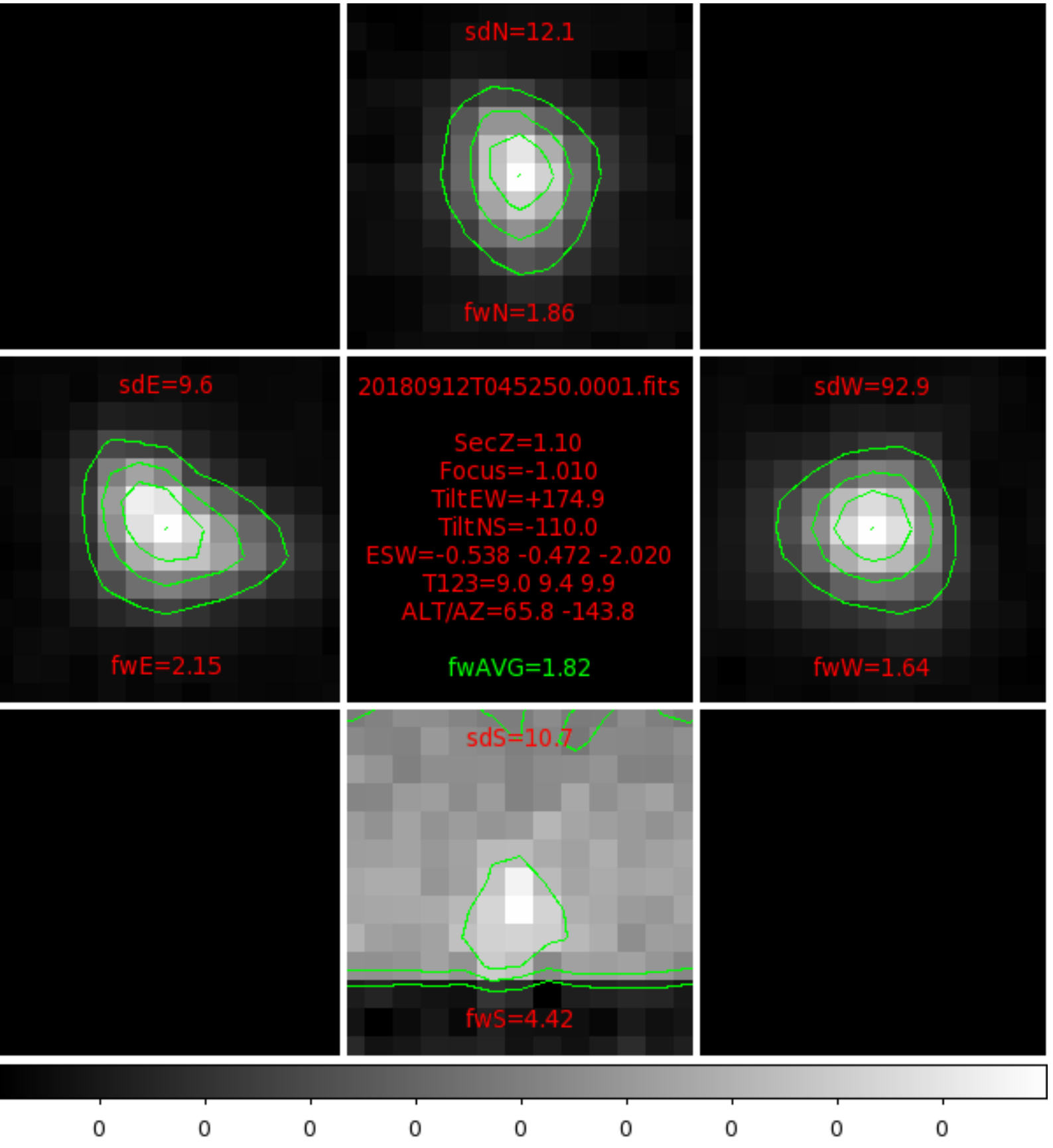
sdN=12.1
fwN=1.86
sdE=9.6
fwE=2.15
20180912T045250.0001.fits
SecZ=1.10
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.0 9.4 9.9
ALT/AZ=65.8 -143.8
fwAVG=1.82
sdW=92.9
fwW=1.64
sdS=10.7
fwS=4.42
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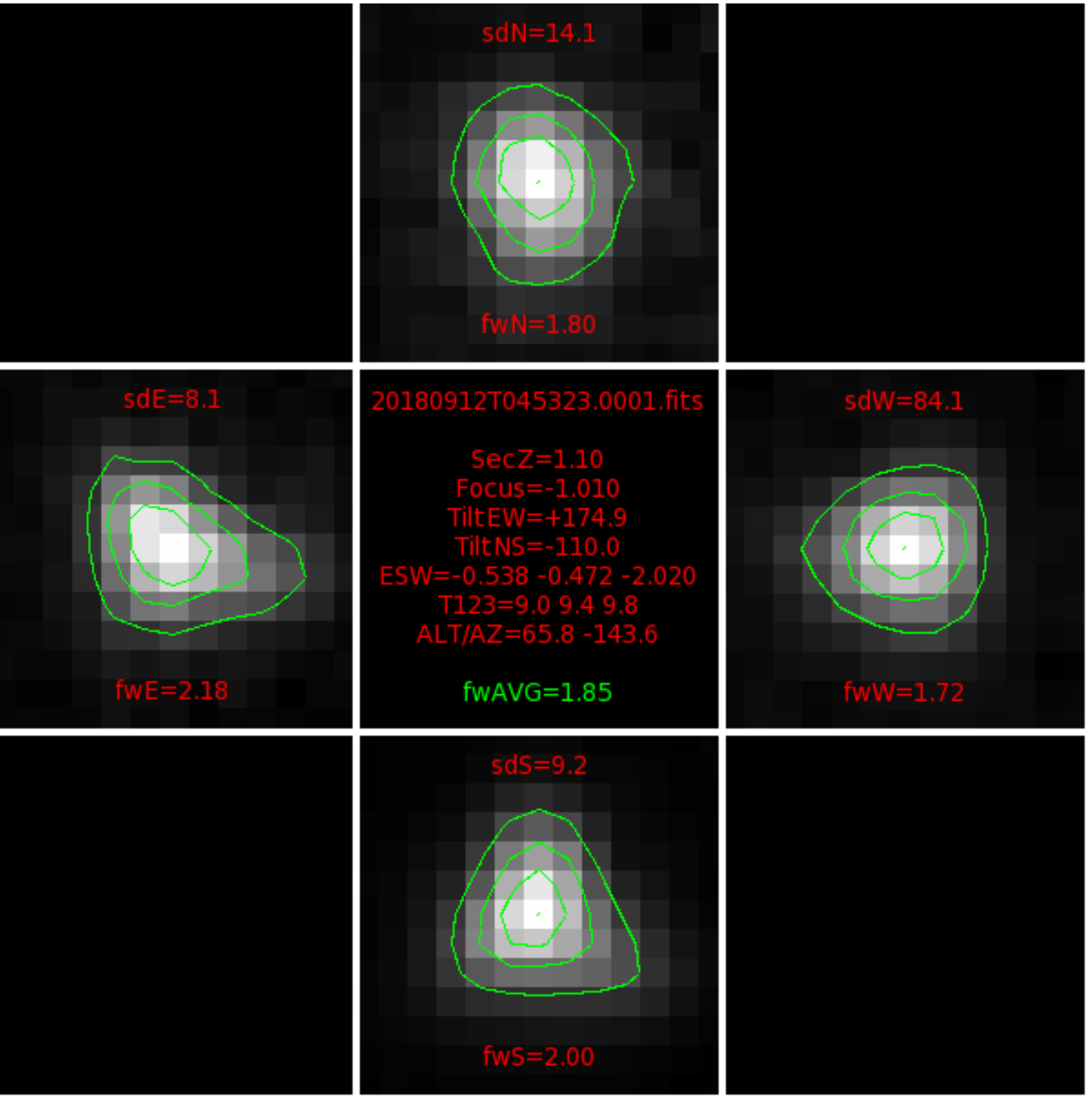
sdN=14.1
fwN=1.80
sdE=8.1
fwE=2.18
20180912T045323.0001.fits
SecZ=1.10
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.0 9.4 9.8
ALT/AZ=65.8 -143.6
fwAVG=1.85
sdW=84.1
fwW=1.72
sdS=9.2
fwS=2.00
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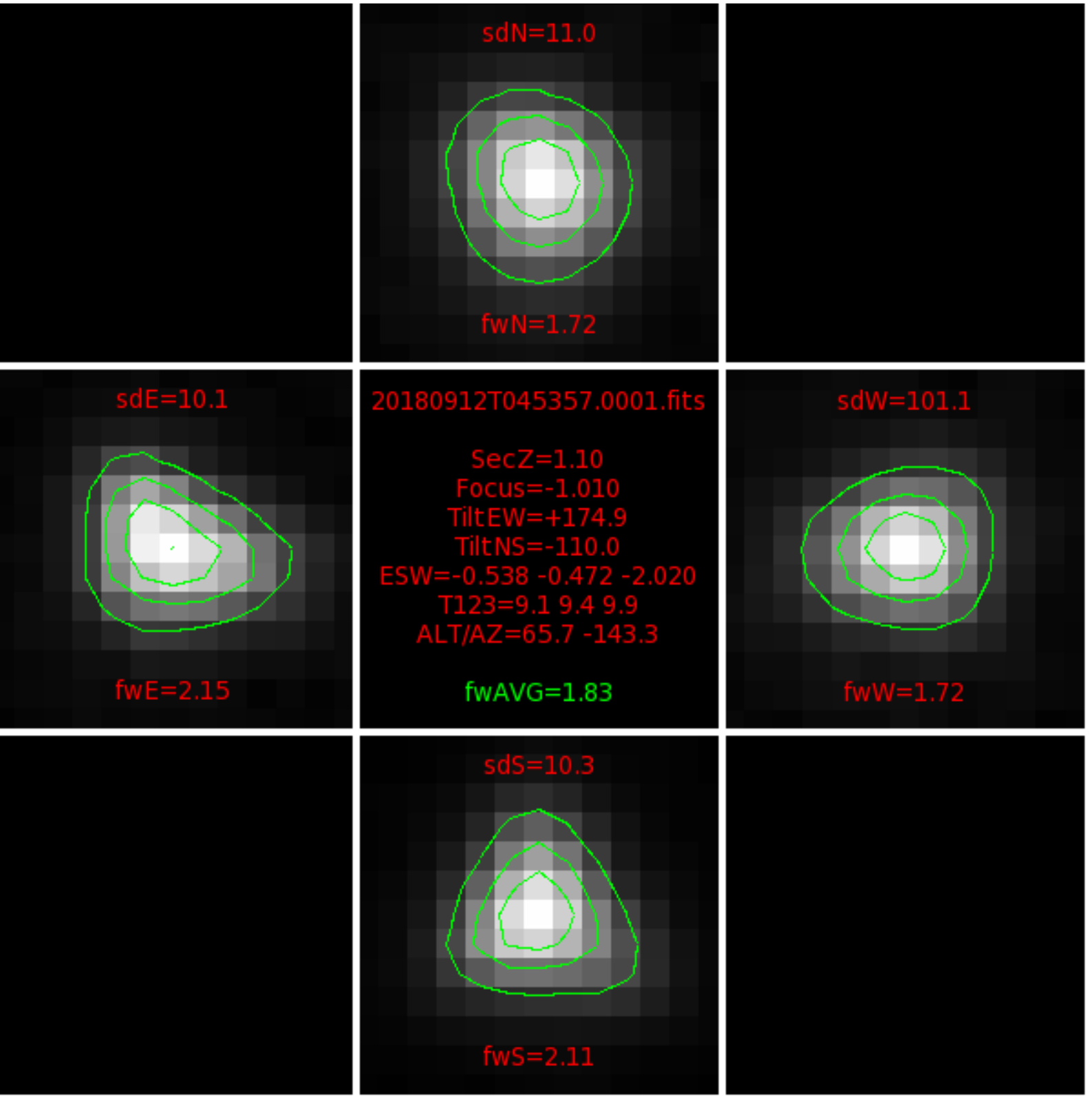
sdN=11.0
fwN=1.72
sdE=10.1
fwE=2.15
20180912T045357.0001.fits
SecZ=1.10
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 9.4 9.9
ALT/AZ=65.7 -143.3
fwAVG=1.83
sdW=101.1
fwW=1.72
sdS=10.3
fwS=2.11
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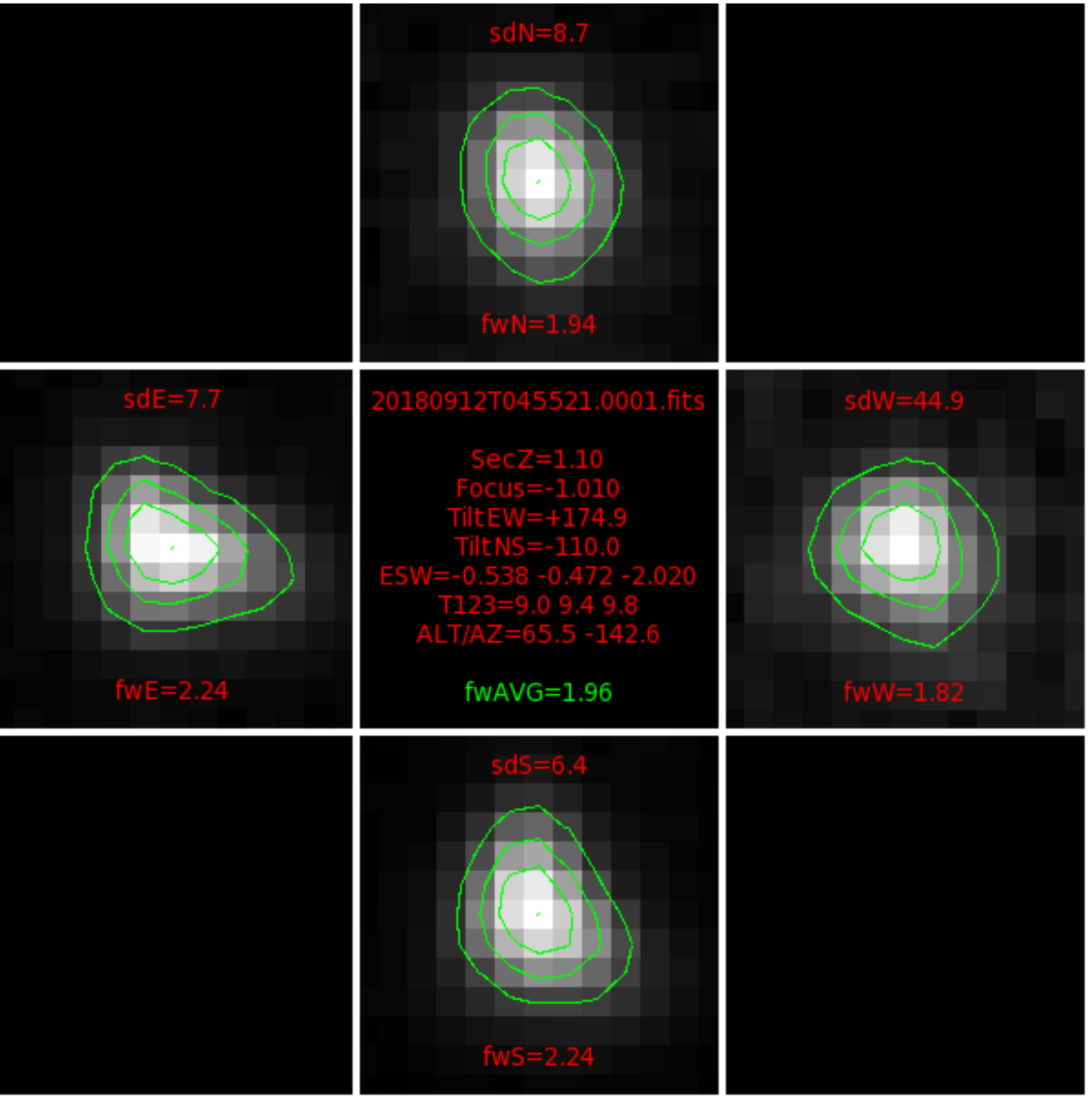
sdN=8.7
fwN=1.94
sdE=7.7
fwE=2.24
20180912T045521.0001.fits
SecZ=1.10
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.0 9.4 9.8
ALT/AZ=65.5 -142.6
fwAVG=1.96
sdW=44.9
fwW=1.82
sdS=6.4
fwS=2.24
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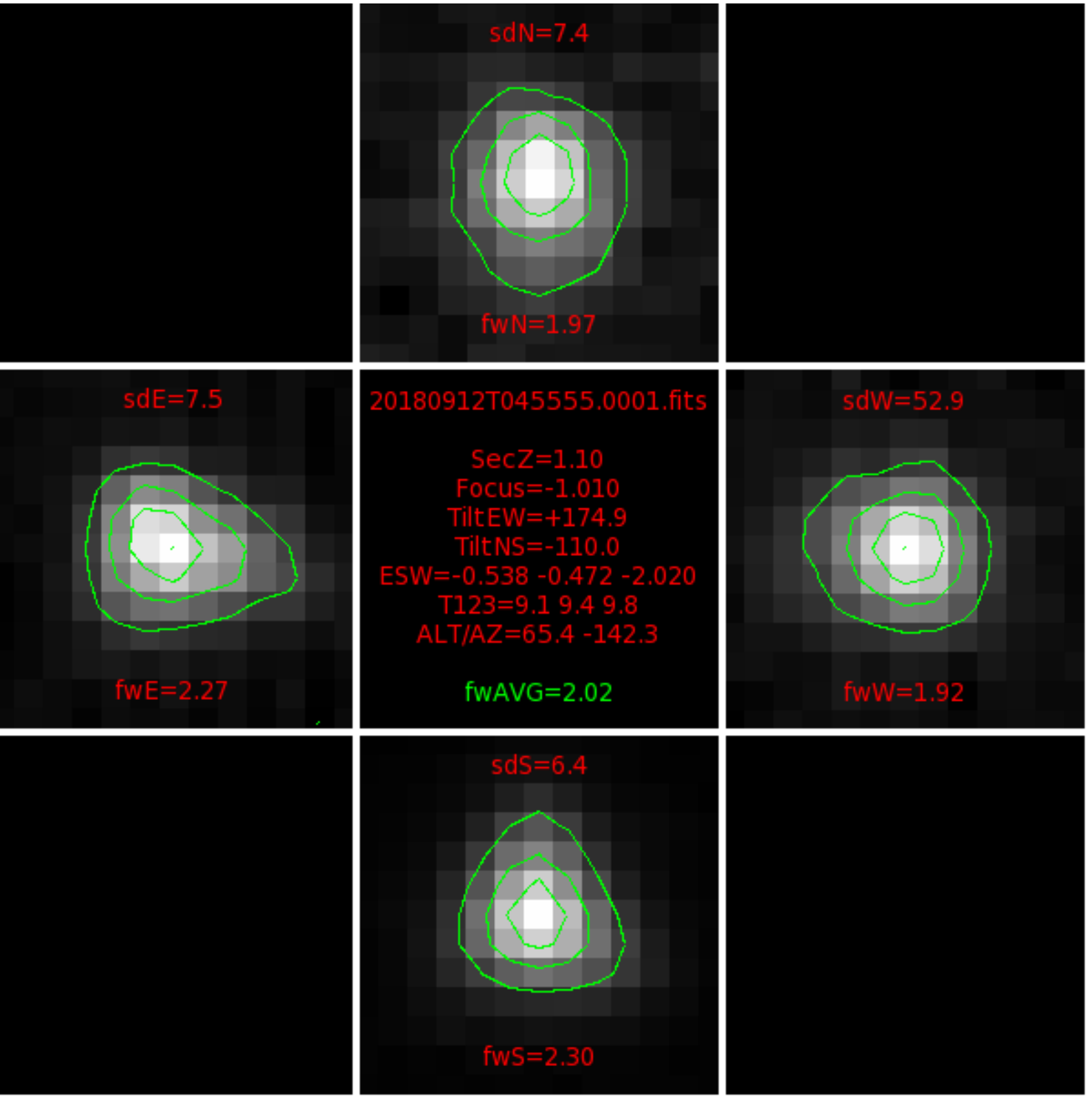
sdN=7.4
fwN=1.97
sdE=7.5
fwE=2.27
20180912T045555.0001.fits
SecZ=1.10
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 9.4 9.8
ALT/AZ=65.4 -142.3
fwAVG=2.02
sdW=52.9
fwW=1.92
sdS=6.4
fwS=2.30
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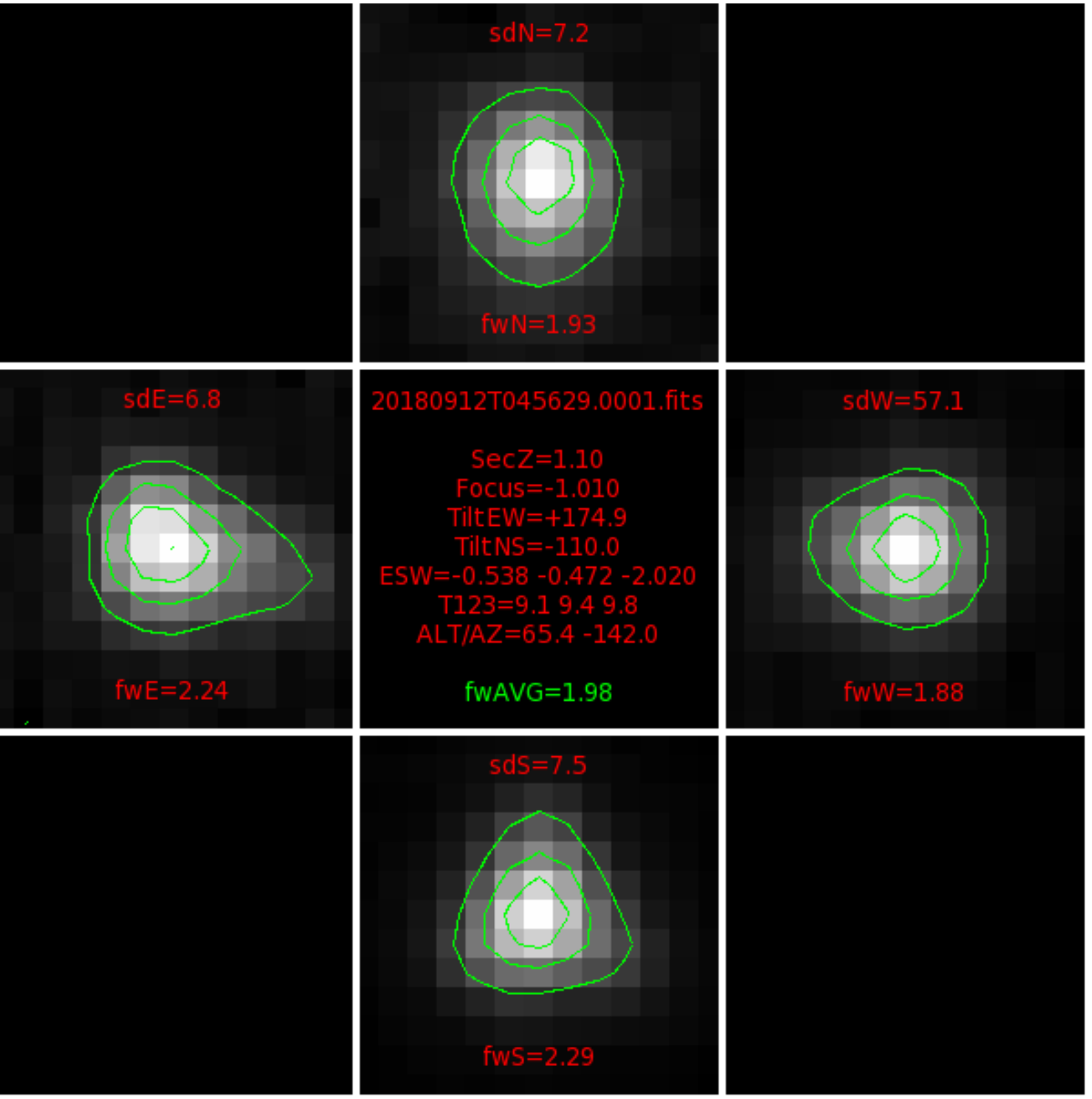
sdN=7.2
fwN=1.93
sdE=6.8
fwE=2.24
20180912T045629.0001.fits
SecZ=1.10
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 9.4 9.8
ALT/AZ=65.4 -142.0
fwAVG=1.98
sdW=57.1
fwW=1.88
sdS=7.5
fwS=2.29
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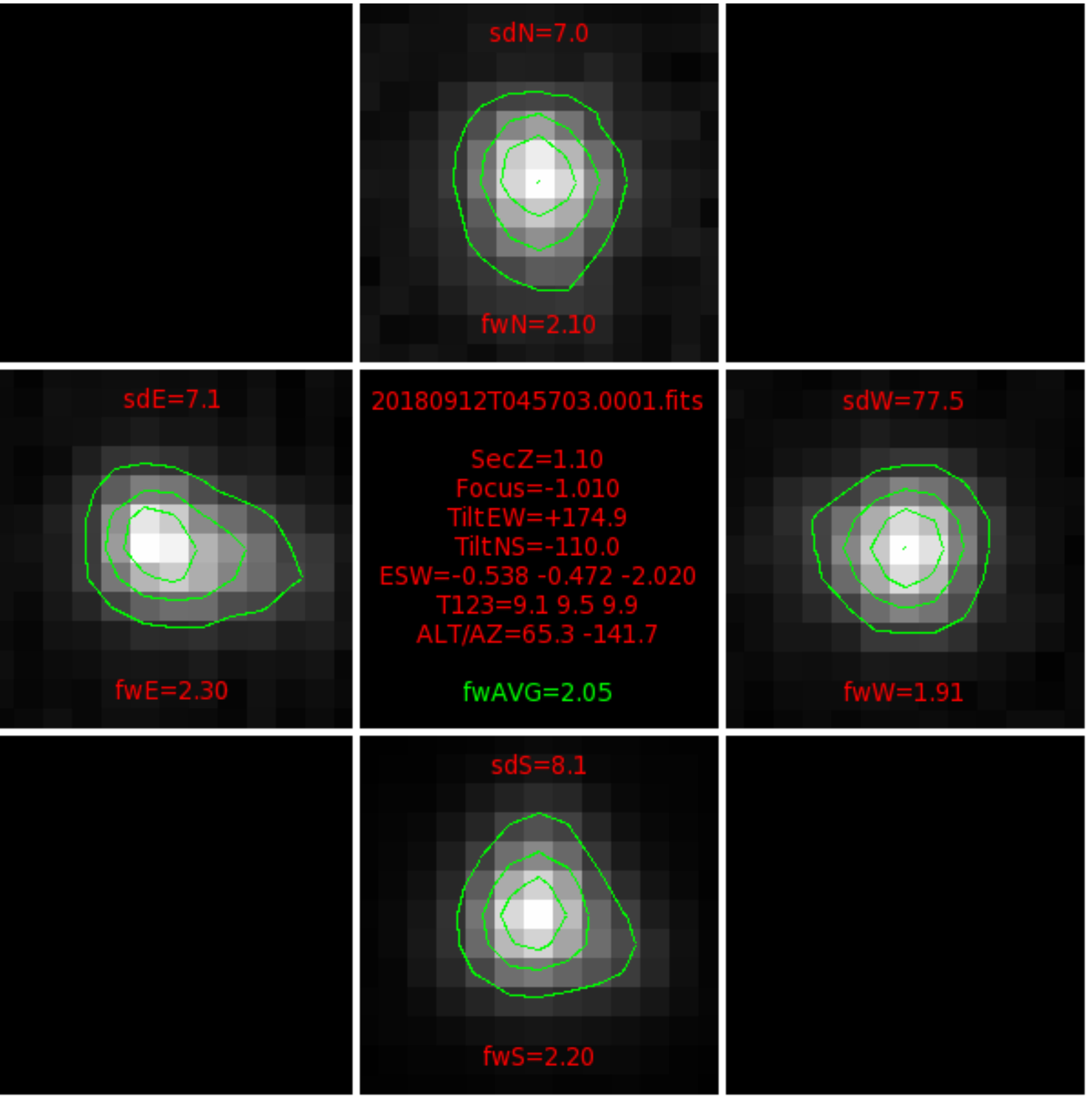
sdN=7.0
fwN=2.10
sdE=7.1
fwE=2.30
20180912T045703.0001.fits
SecZ=1.10
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 9.5 9.9
ALT/AZ=65.3 -141.7
fwAVG=2.05
sdW=77.5
fwW=1.91
sdS=8.1
fwS=2.20
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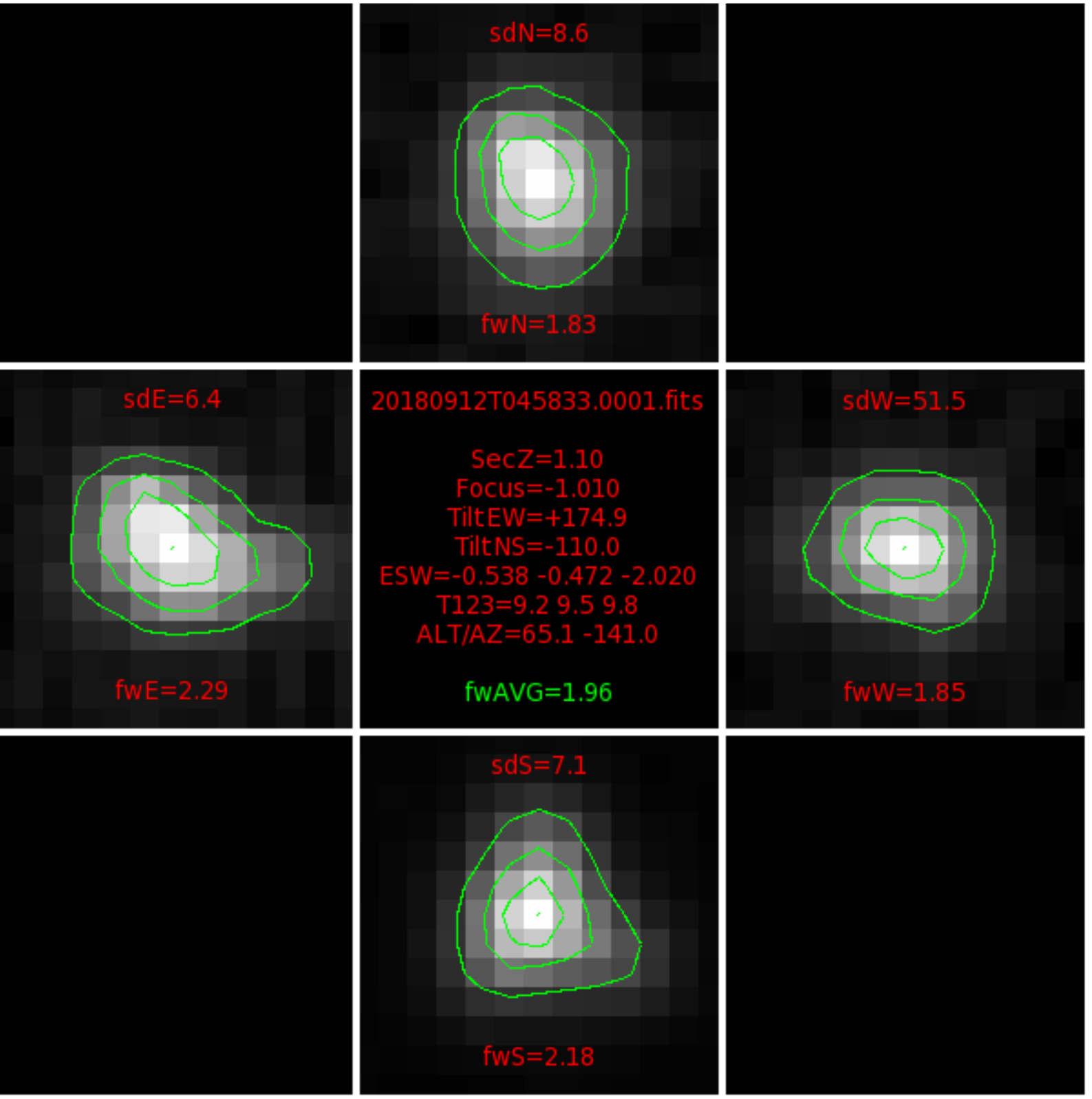
sdN=8.6
fwN=1.83
sdE=6.4
fwE=2.29
20180912T045833.0001.fits
SecZ=1.10
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.2 9.5 9.8
ALT/AZ=65.1 -141.0
fwAVG=1.96
sdW=51.5
fwW=1.85
sdS=7.1
fwS=2.18
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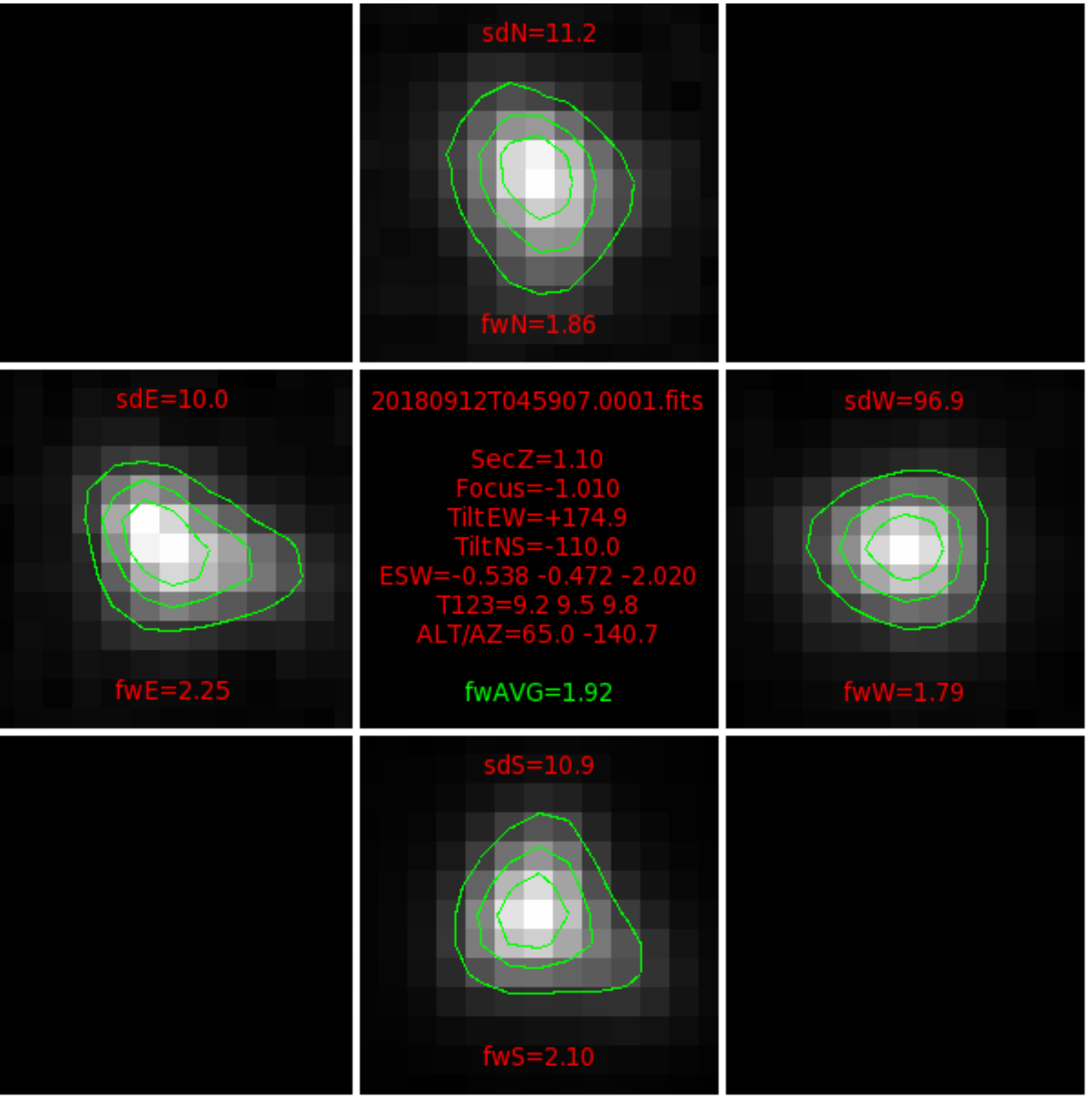
sdN=11.2
fwN=1.86
sdE=10.0
fwE=2.25
20180912T045907.0001.fits
SecZ=1.10
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.2 9.5 9.8
ALT/AZ=65.0 -140.7
fwAVG=1.92
sdW=96.9
fwW=1.79
sdS=10.9
fwS=2.10
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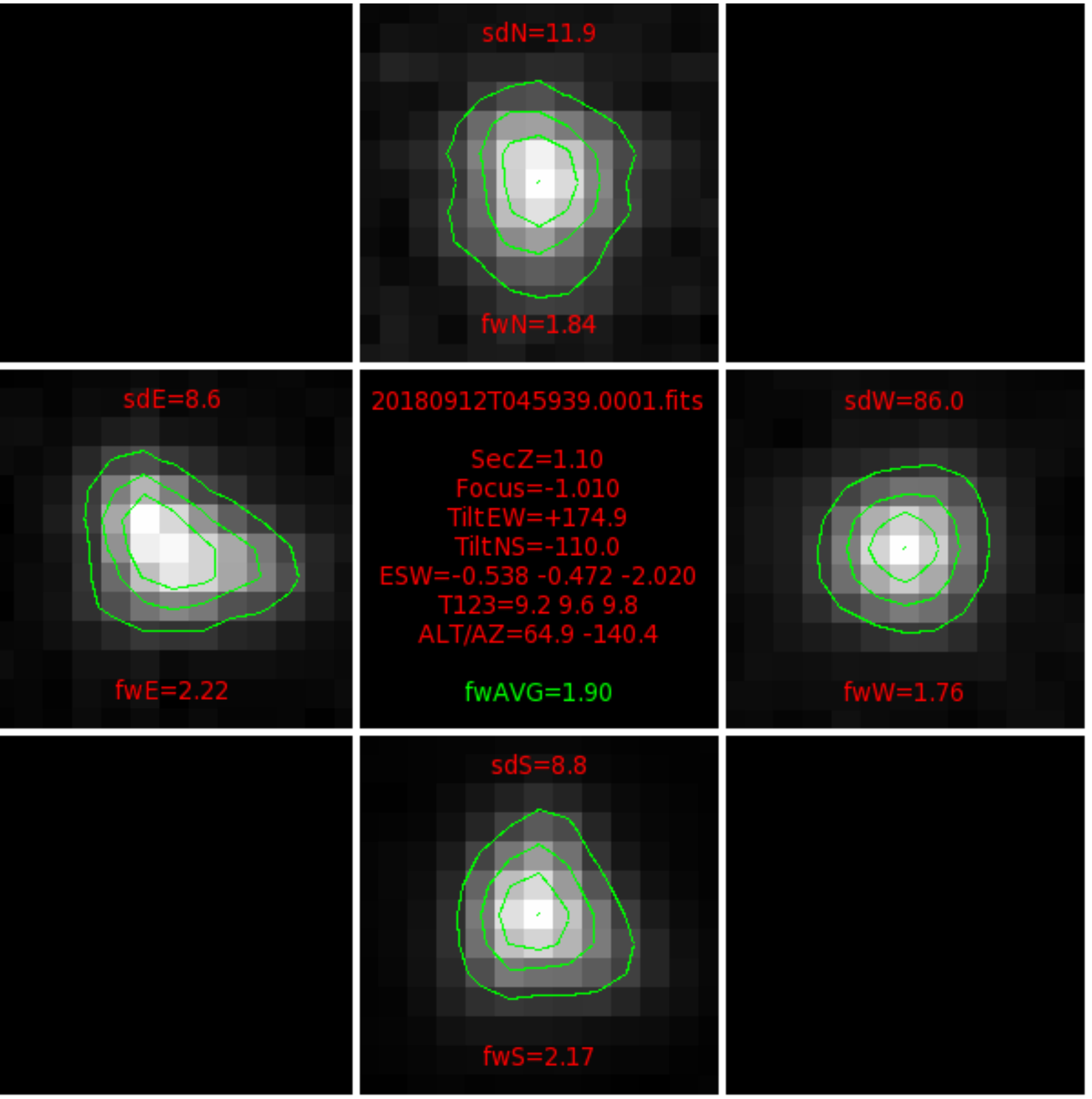
sdN=11.9
fwN=1.84
sdE=8.6
fwE=2.22
20180912T045939.0001.fits
SecZ=1.10
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.2 9.6 9.8
ALT/AZ=64.9 -140.4
fwAVG=1.90
sdW=86.0
fwW=1.76
sdS=8.8
fwS=2.17
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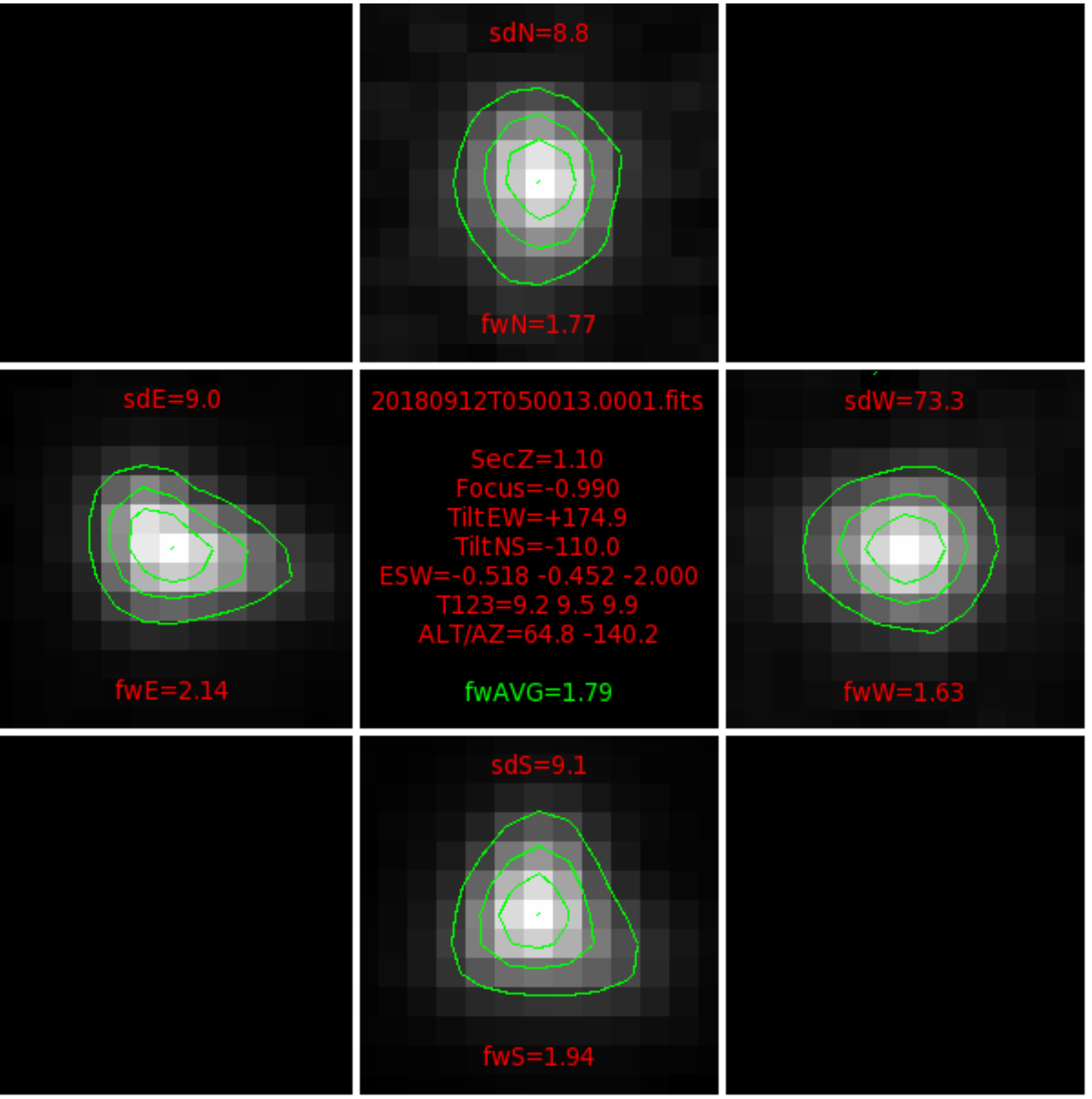
sdN=8.8
fwN=1.77
sdE=9.0
fwE=2.14
20180912T050013.0001.fits
SecZ=1.10
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=9.2 9.5 9.9
ALT/AZ=64.8 -140.2
fwAVG=1.79
sdW=73.3
fwW=1.63
sdS=9.1
fwS=1.94
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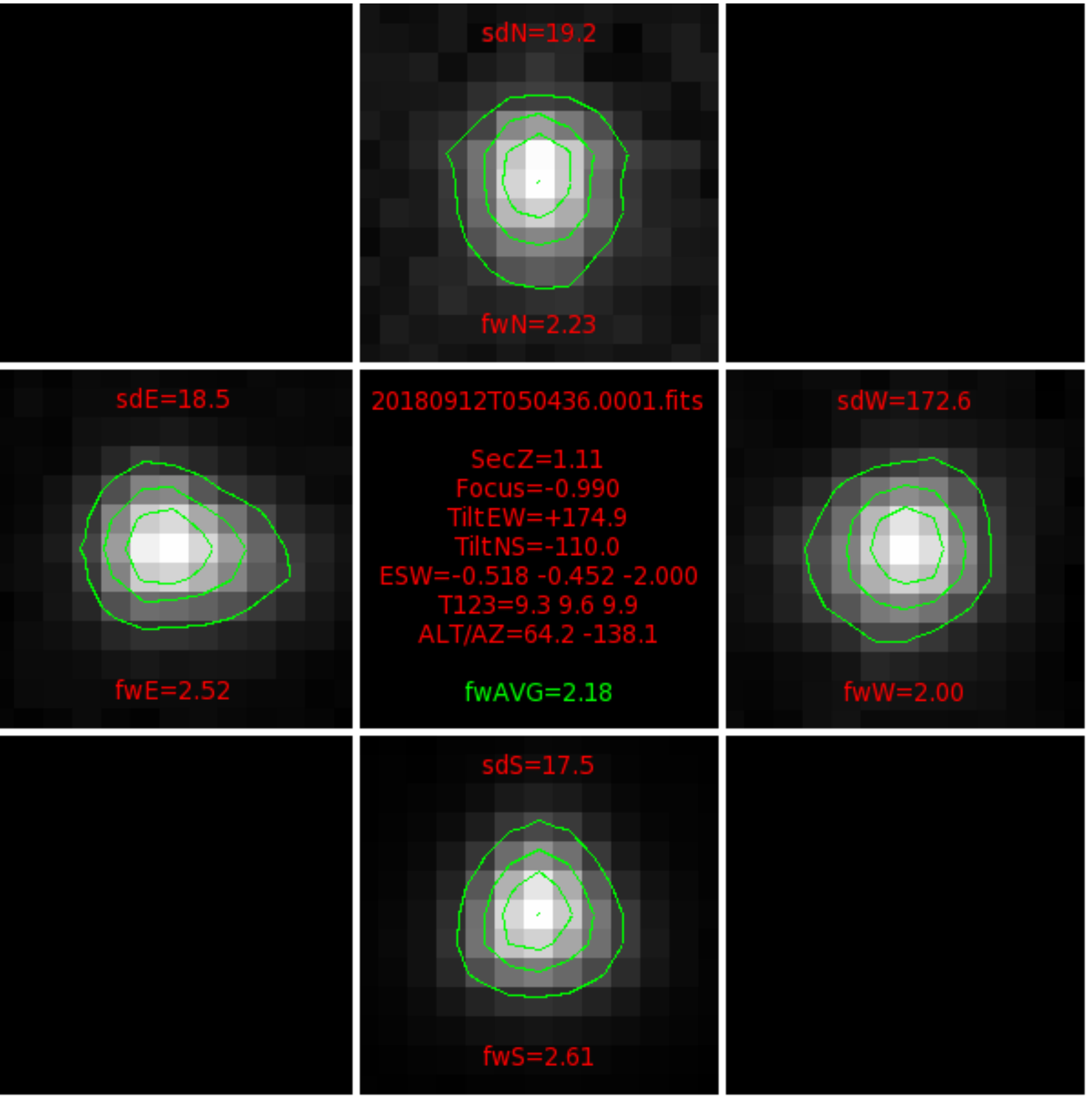
sdN=19.2
fwN=2.23
sdE=18.5
fwE=2.52
20180912T050436.0001.fits
SecZ=1.11
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=9.3 9.6 9.9
ALT/AZ=64.2 -138.1
fwAVG=2.18
sdW=172.6
fwW=2.00
sdS=17.5
fwS=2.61
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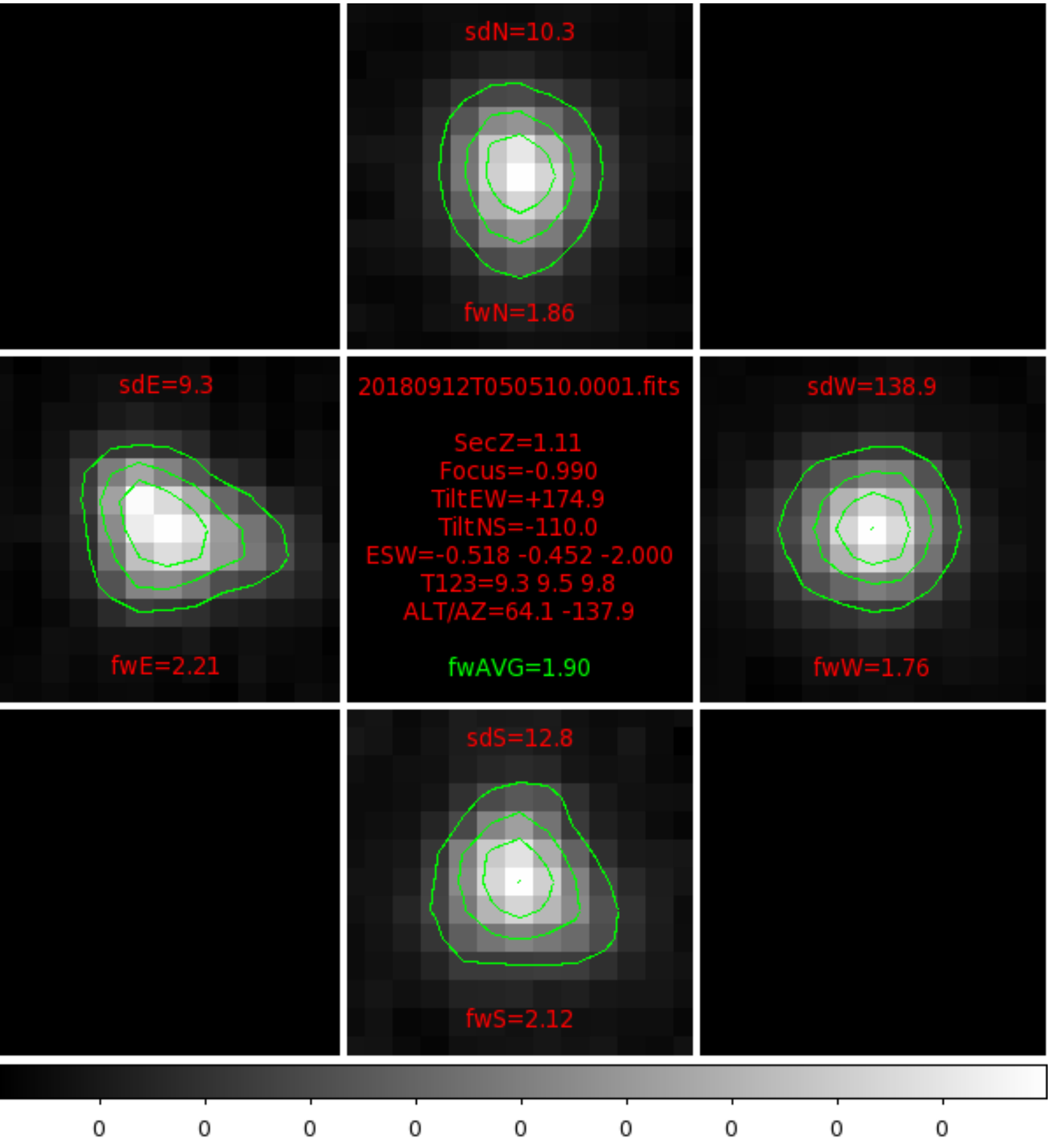
sdN=10.3
fwN=1.86
sdE=9.3
fwE=2.21
20180912T050510.0001.fits
SecZ=1.11
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=9.3 9.5 9.8
ALT/AZ=64.1 -137.9
fwAVG=1.90
sdW=138.9
fwW=1.76
sdS=12.8
fwS=2.12
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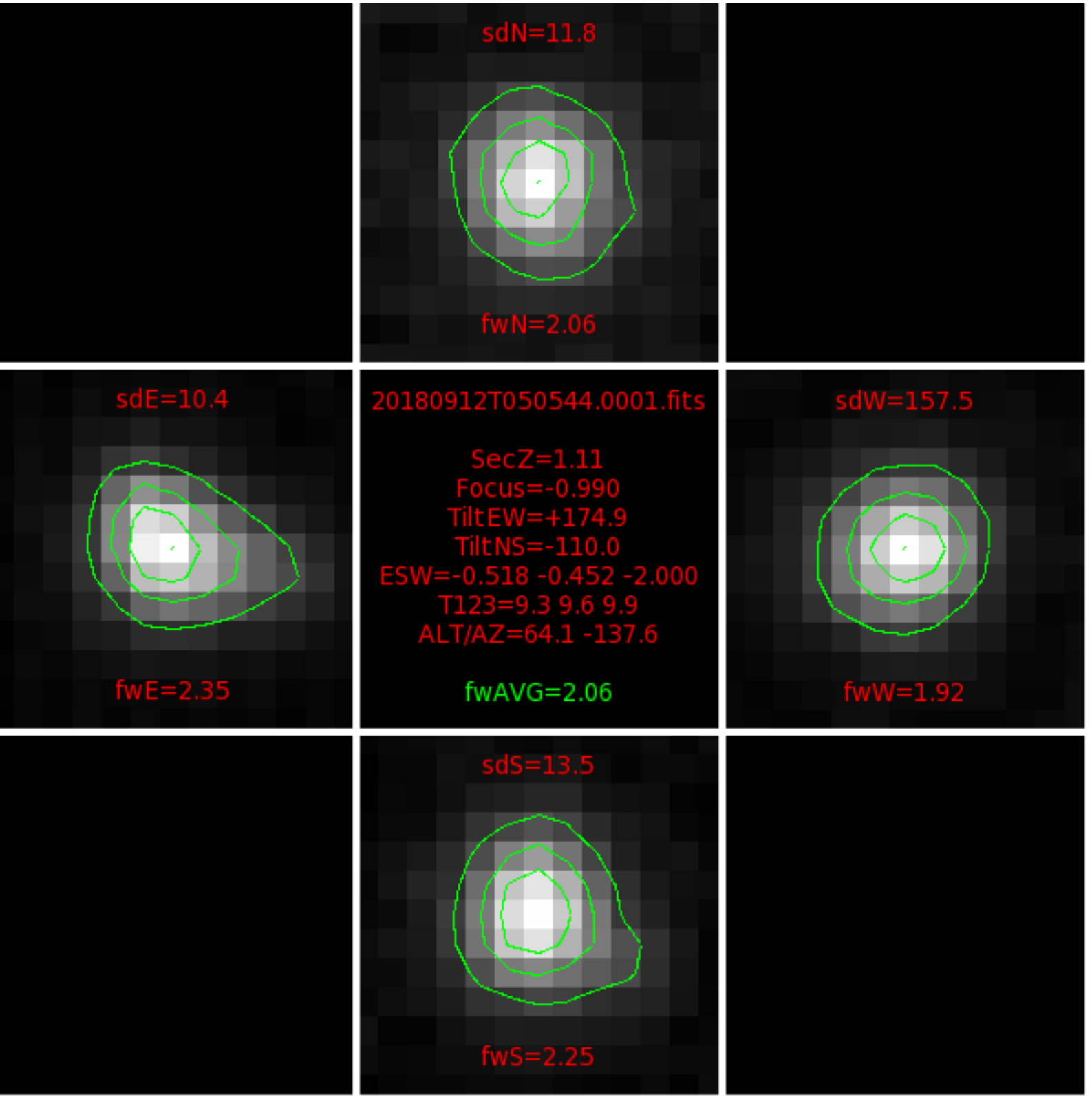
sdN=11.8
fwN=2.06
sdE=10.4
fwE=2.35
20180912T050544.0001.fits
SecZ=1.11
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=9.3 9.6 9.9
ALT/AZ=64.1 -137.6
fwAVG=2.06
sdW=157.5
fwW=1.92
sdS=13.5
fwS=2.25
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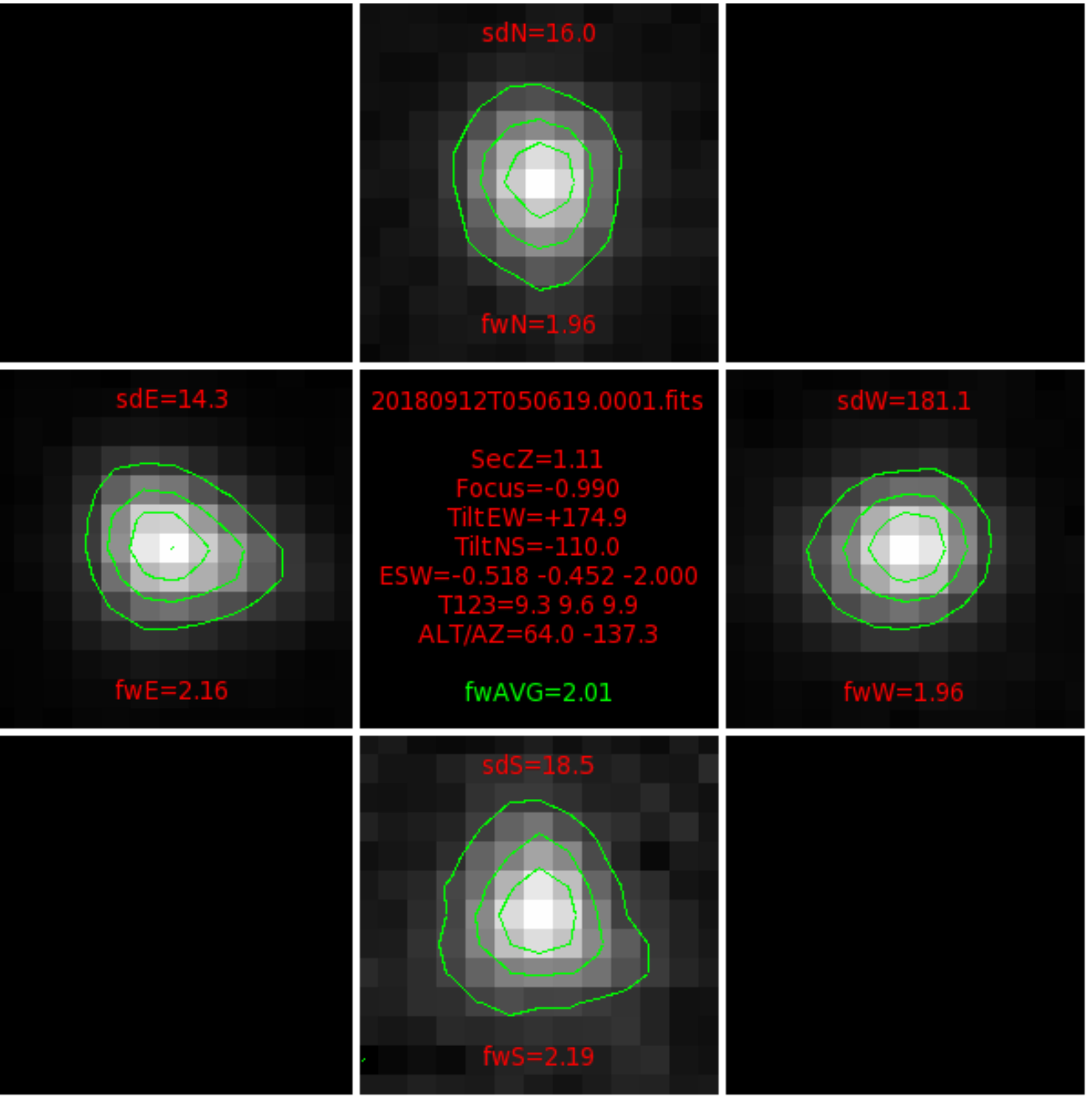
sdN=16.0
fwN=1.96
sdE=14.3
fwE=2.16
20180912T050619.0001.fits
SecZ=1.11
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=9.3 9.6 9.9
ALT/AZ=64.0 -137.3
fwAVG=2.01
sdW=181.1
fwW=1.96
sdS=18.5
fwS=2.19
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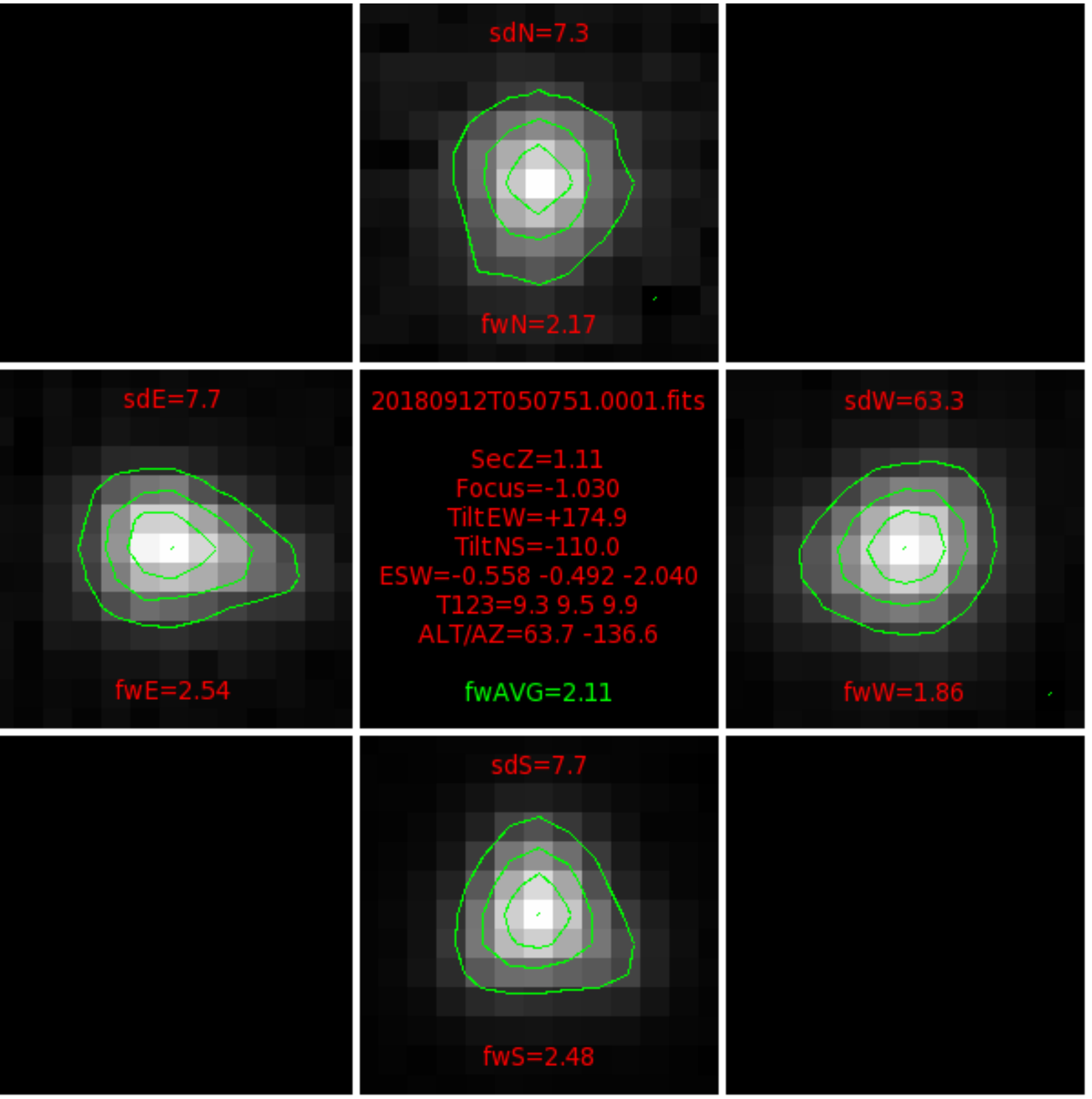
sdN=7.3
fwN=2.17
sdE=7.7
fwE=2.54
20180912T050751.0001.fits
SecZ=1.11
Focus=-1.030
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.558 -0.492 -2.040
T123=9.3 9.5 9.9
ALT/AZ=63.7 -136.6
fwAVG=2.11
sdW=63.3
fwW=1.86
sdS=7.7
fwS=2.48
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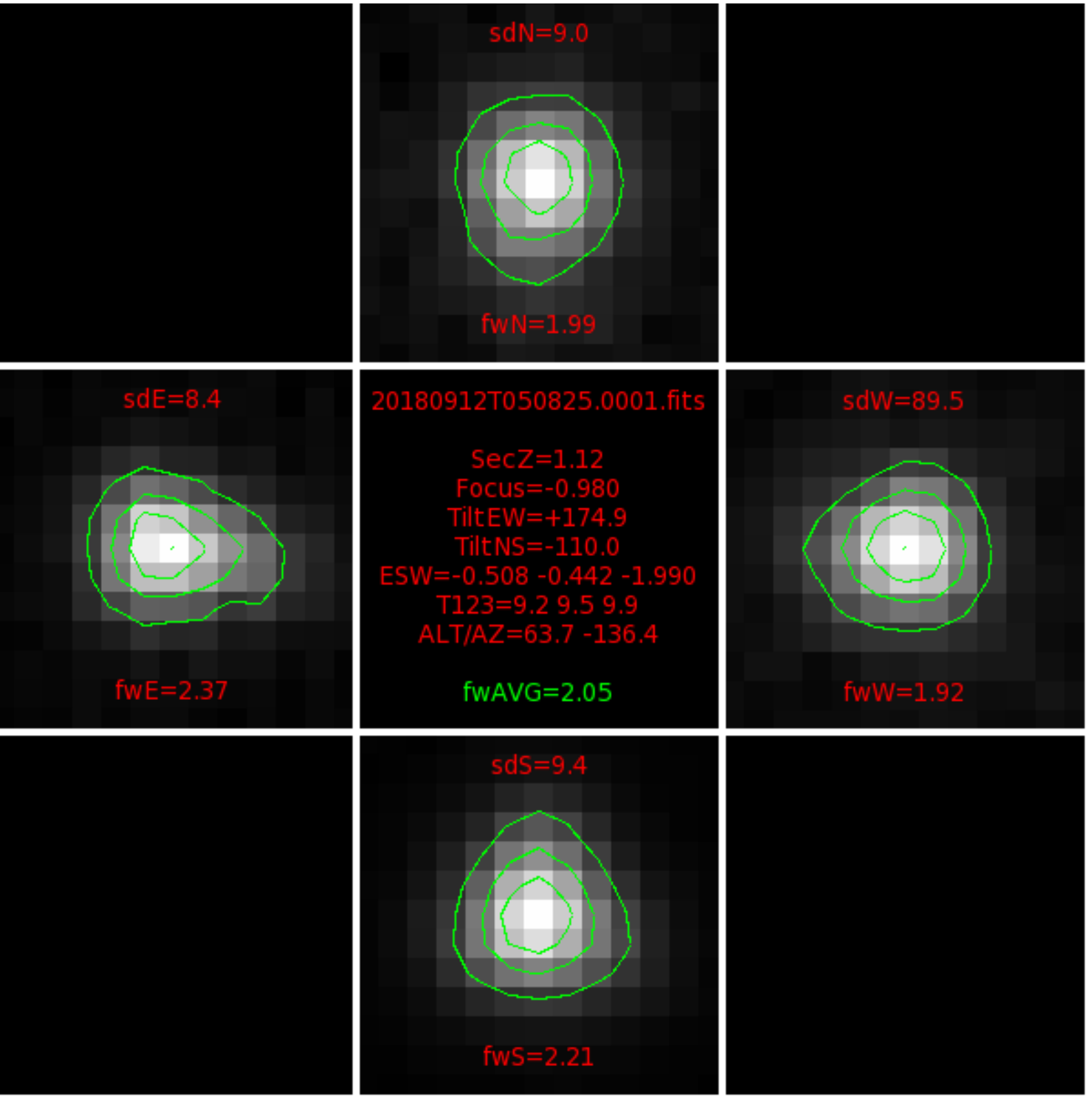
sdN=9.0
fwN=1.99
sdE=8.4
fwE=2.37
20180912T050825.0001.fits
SecZ=1.12
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.2 9.5 9.9
ALT/AZ=63.7 -136.4
fwAVG=2.05
sdW=89.5
fwW=1.92
sdS=9.4
fwS=2.21
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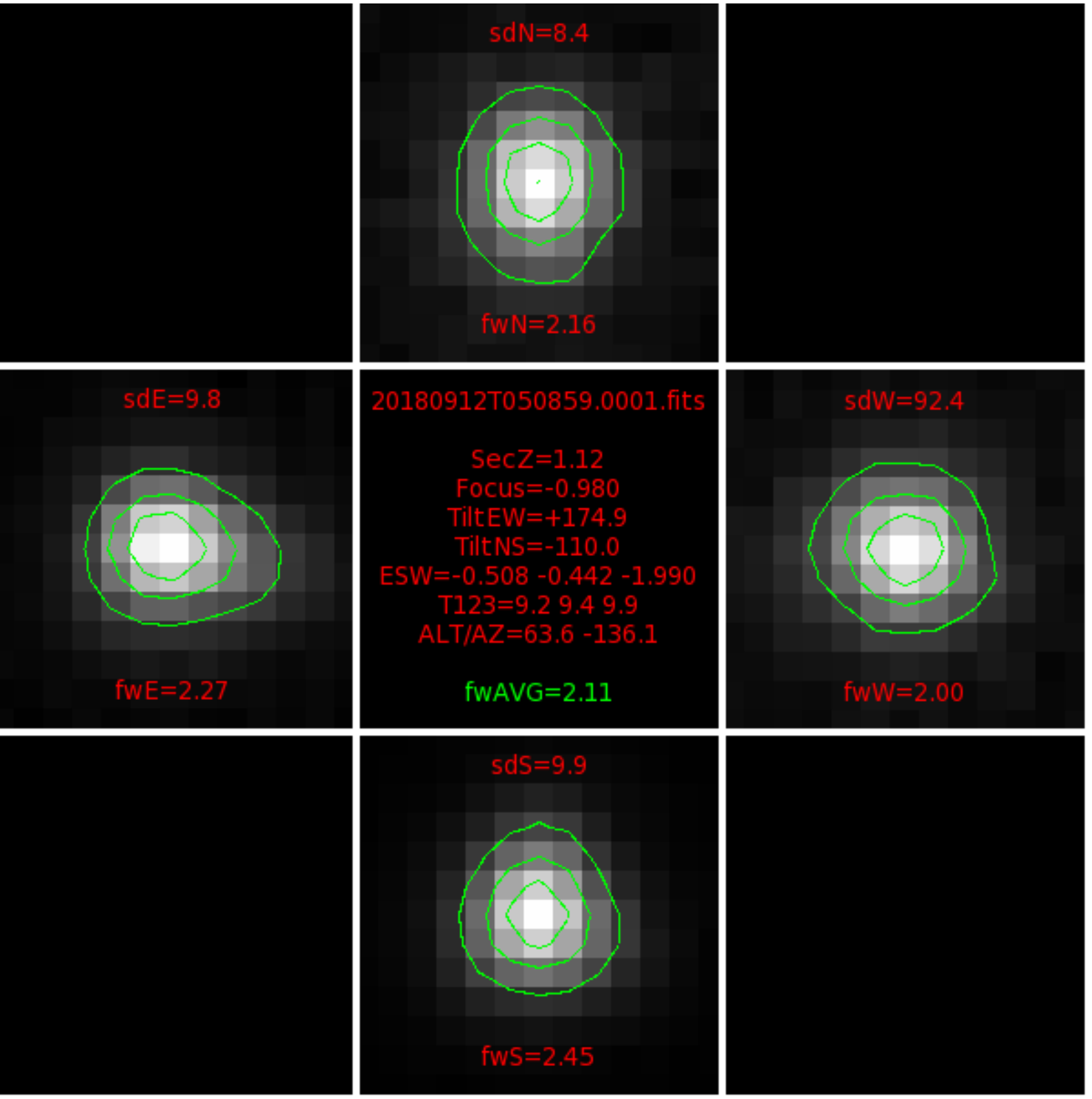
sdN=8.4
fwN=2.16
sdE=9.8
fwE=2.27
20180912T050859.0001.fits
SecZ=1.12
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.2 9.4 9.9
ALT/AZ=63.6 -136.1
fwAVG=2.11
sdW=92.4
fwW=2.00
sdS=9.9
fwS=2.45
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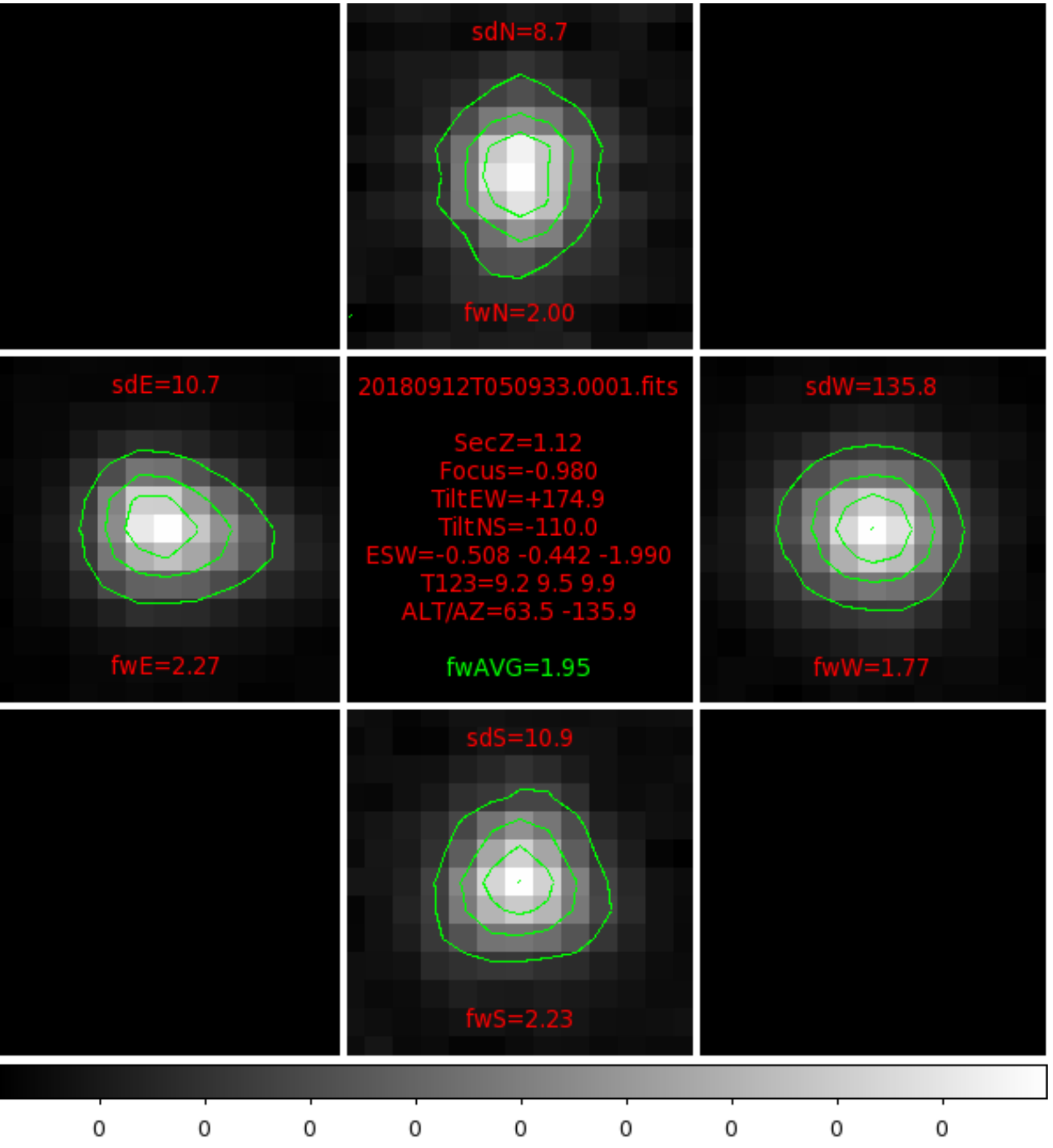
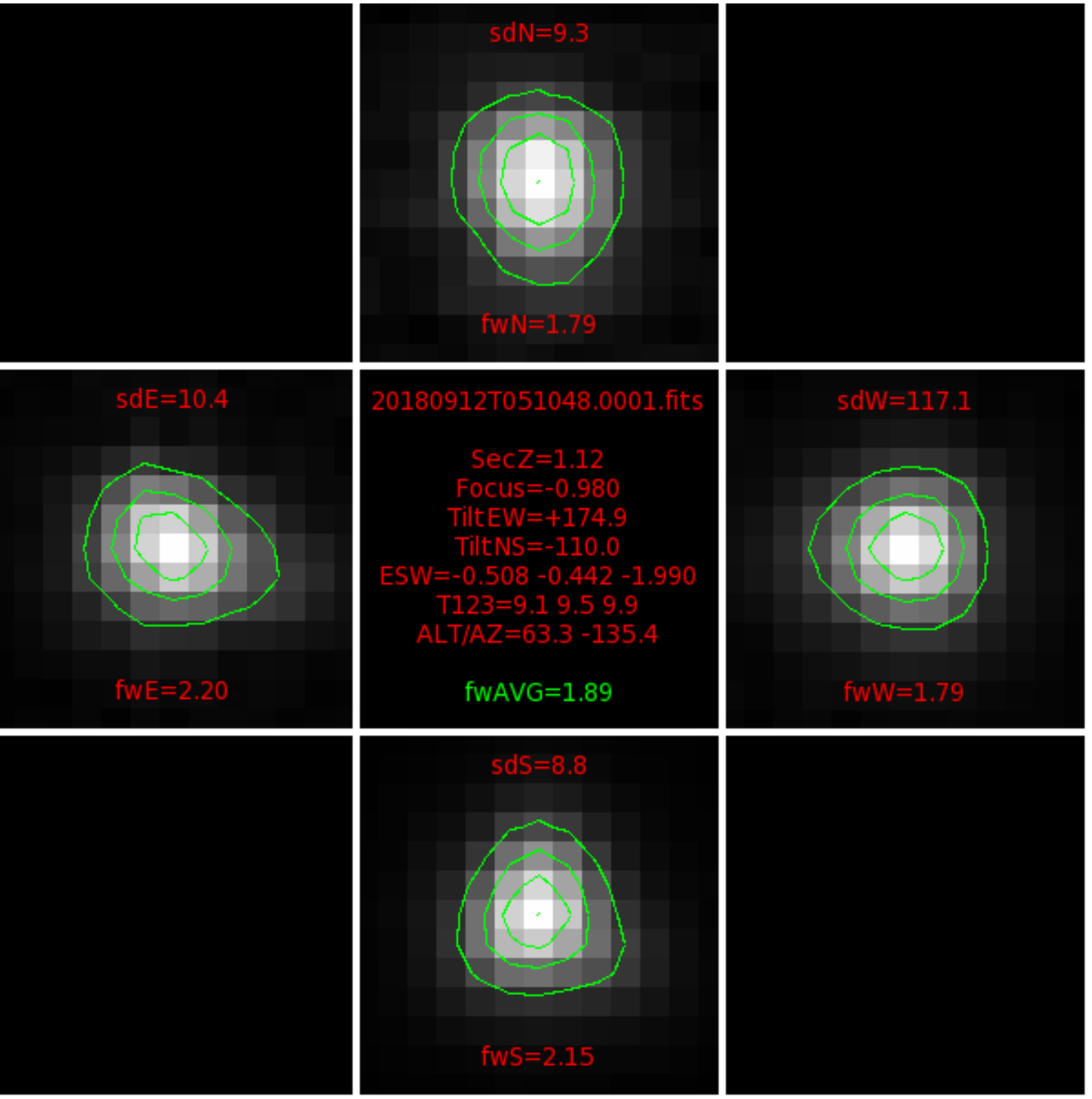

sdN=8.7
fwN=2.00
sdE=10.7
fwE=2.27
20180912T050933.0001.fits
SecZ=1.12
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.2 9.5 9.9
ALT/AZ=63.5 -135.9
fwAVG=1.95
sdW=135.8
fwW=1.77
sdS=10.9
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=9.3
fwN=1.79
sdE=10.4
fwE=2.20
20180912T051048.0001.fits
SecZ=1.12
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 9.9
ALT/AZ=63.3 -135.4
fwAVG=1.89
sdW=117.1
fwW=1.79
sdS=8.8
fwS=2.15
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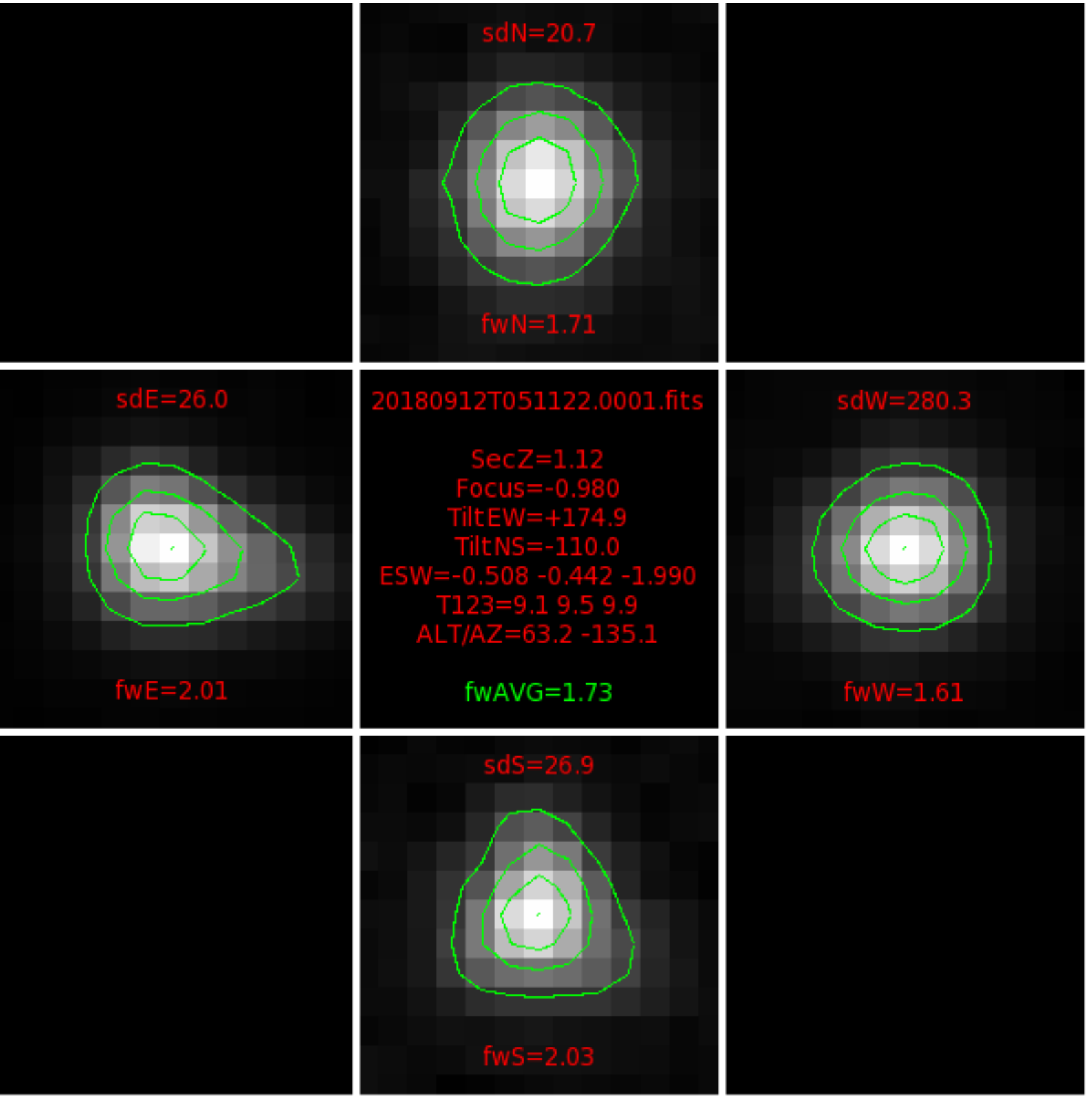
sdN=20.7
fwN=1.71
sdE=26.0
fwE=2.01
20180912T051122.0001.fits
SecZ=1.12
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 9.9
ALT/AZ=63.2 -135.1
fwAVG=1.73
sdW=280.3
fwW=1.61
sdS=26.9
fwS=2.03
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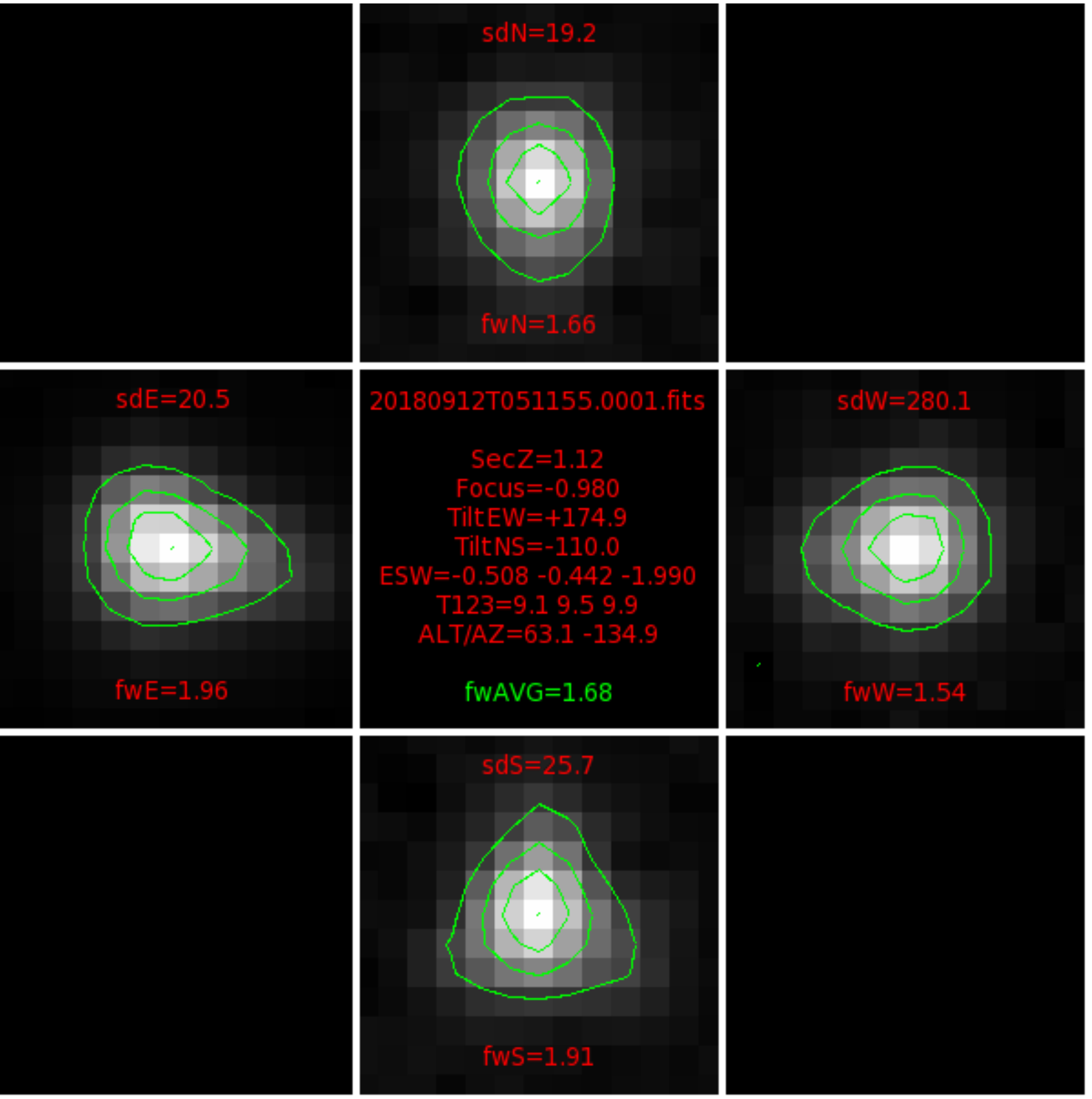
sdN=19.2
fwN=1.66
sdE=20.5
fwE=1.96
20180912T051155.0001.fits
SecZ=1.12
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 9.9
ALT/AZ=63.1 -134.9
fwAVG=1.68
sdW=280.1
fwW=1.54
sdS=25.7
fwS=1.91
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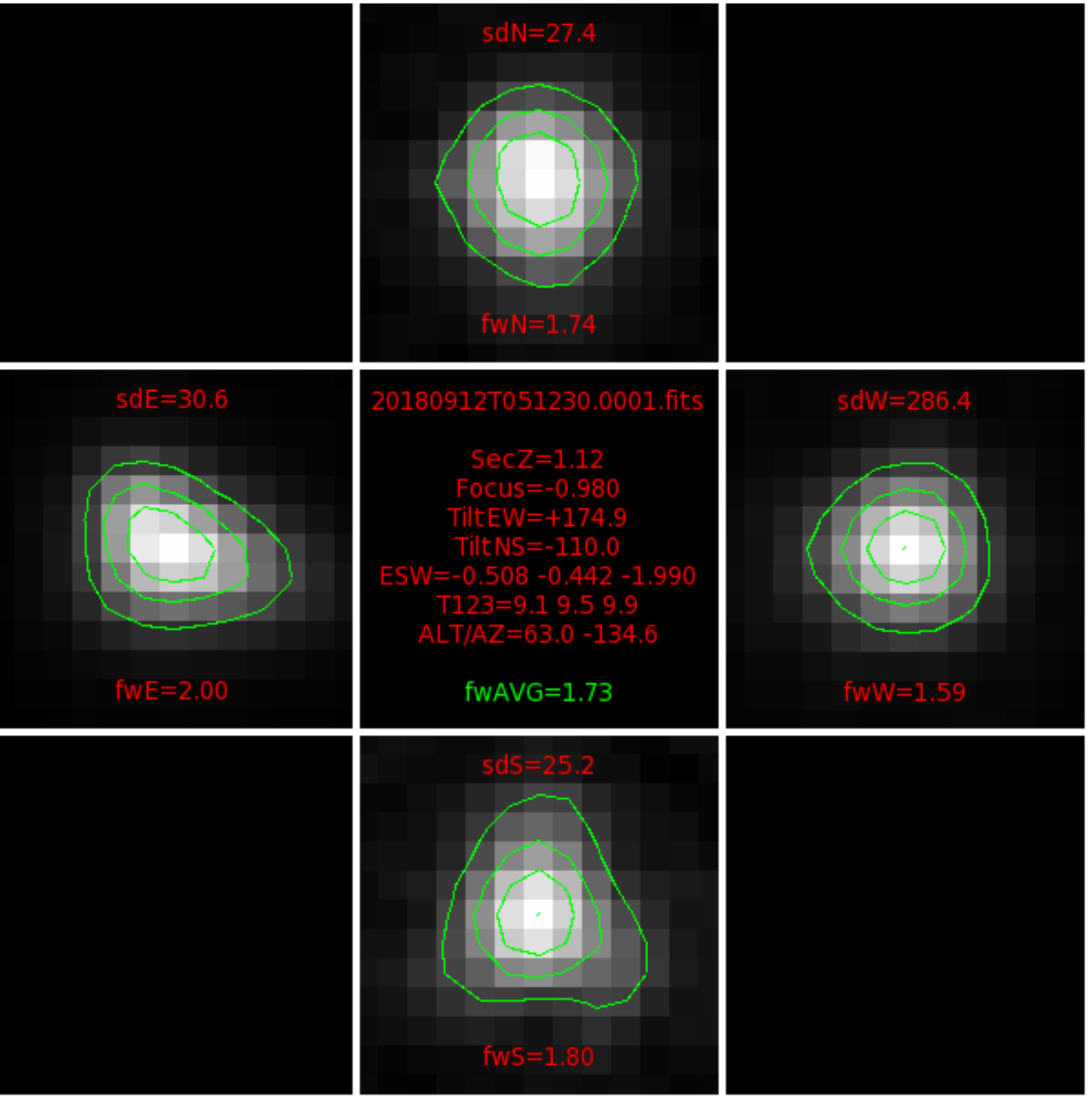
sdN=27.4
fwN=1.74
sdE=30.6
fwE=2.00
20180912T051230.0001.fits
SecZ=1.12
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 9.9
ALT/AZ=63.0 -134.6
fwAVG=1.73
sdW=286.4
fwW=1.59
sdS=25.2
fwS=1.80
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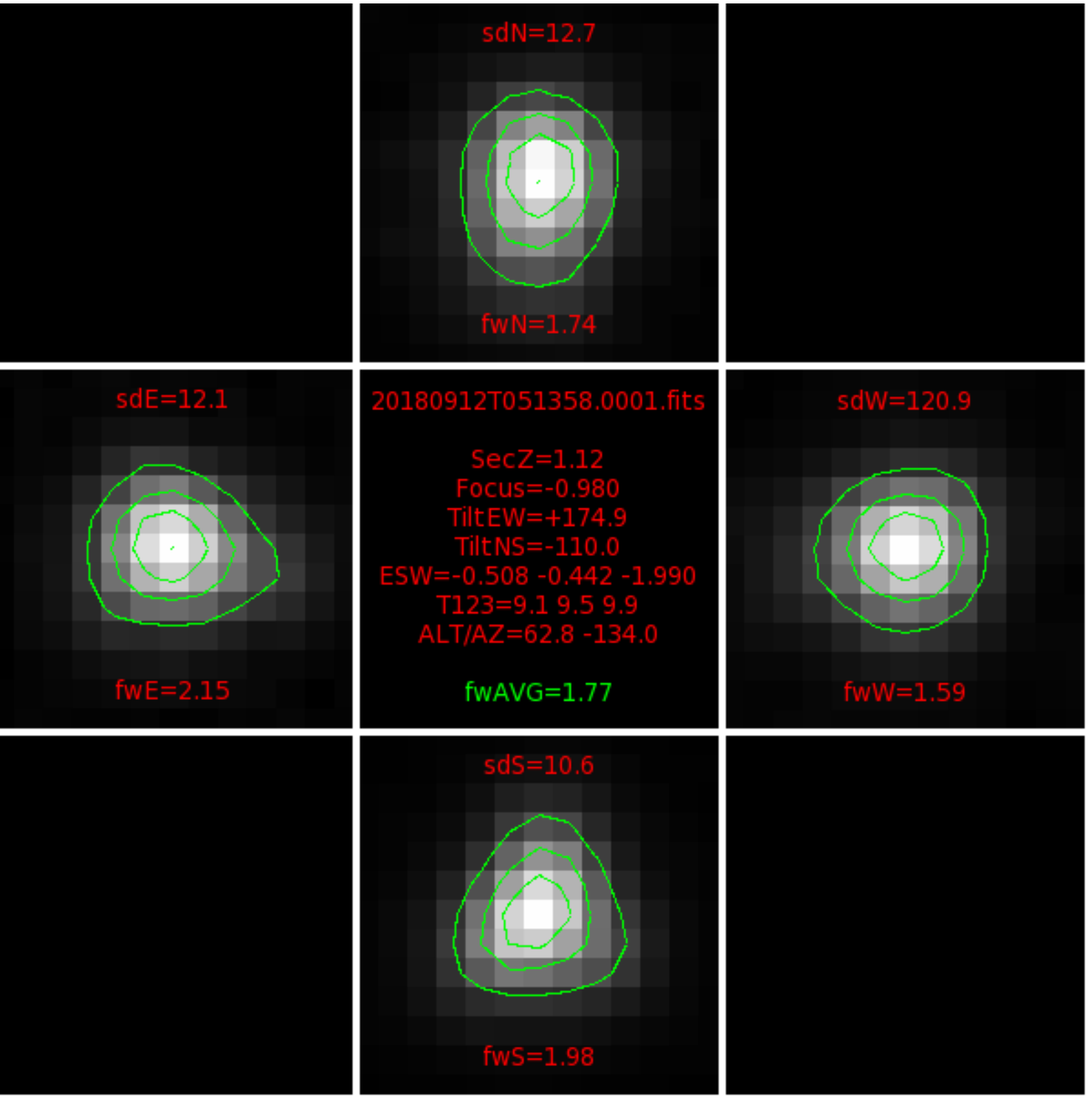
sdN=12.7
fwN=1.74
sdE=12.1
fwE=2.15
20180912T051358.0001.fits
SecZ=1.12
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 9.9
ALT/AZ=62.8 -134.0
fwAVG=1.77
sdW=120.9
fwW=1.59
sdS=10.6
fwS=1.98
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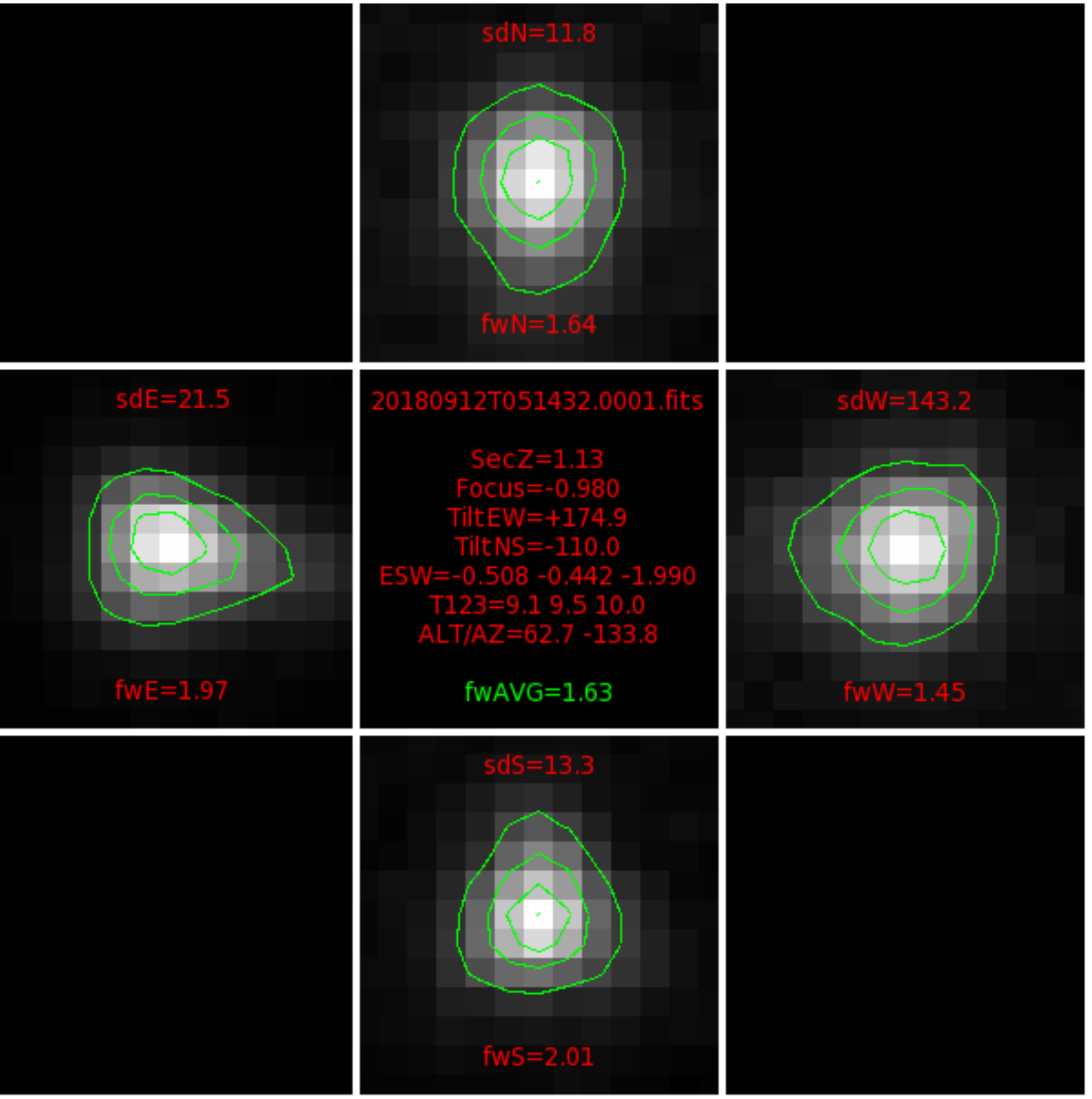
sdN=11.8
fwN=1.64
sdE=21.5
fwE=1.97
20180912T051432.0001.fits
SecZ=1.13
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 10.0
ALT/AZ=62.7 -133.8
fwAVG=1.63
sdW=143.2
fwW=1.45
sdS=13.3
fwS=2.01
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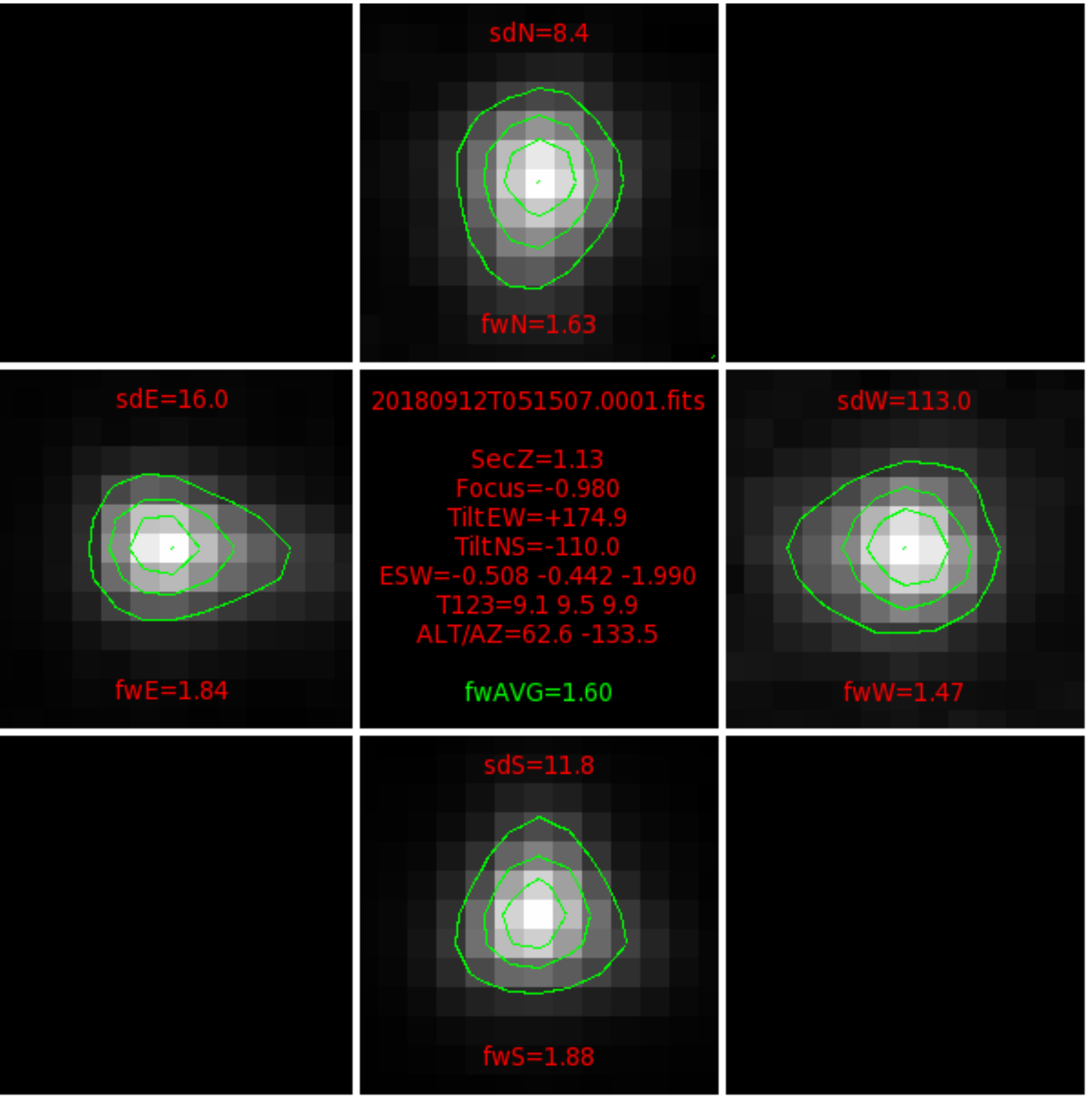
sdN=8.4
fwN=1.63
sdE=16.0
fwE=1.84
20180912T051507.0001.fits
SecZ=1.13
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 9.9
ALT/AZ=62.6 -133.5
fwAVG=1.60
sdW=113.0
fwW=1.47
sdS=11.8
fwS=1.88
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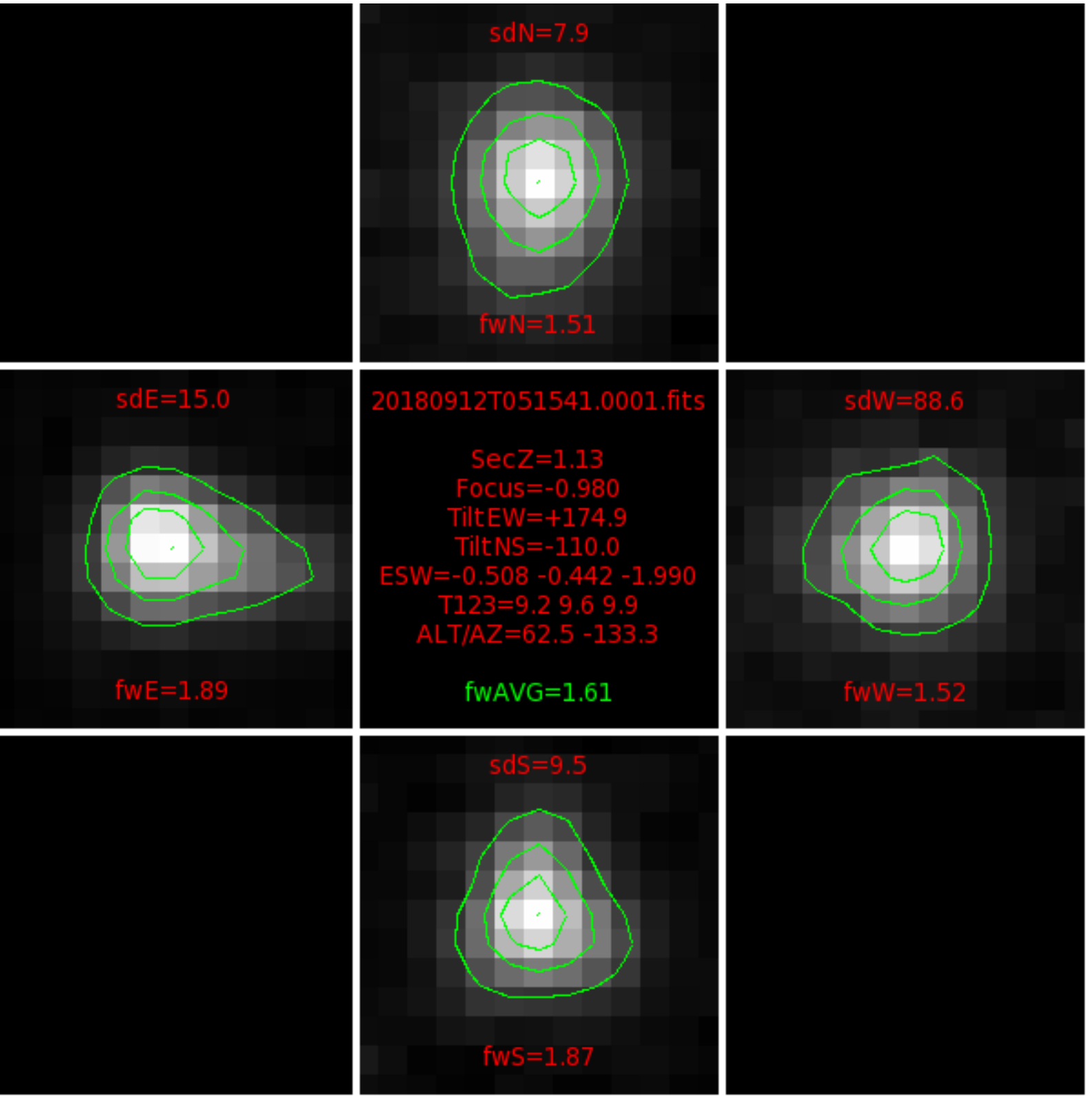
sdN=7.9
fwN=1.51
sdE=15.0
fwE=1.89
20180912T051541.0001.fits
SecZ=1.13
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.2 9.6 9.9
ALT/AZ=62.5 -133.3
fwAVG=1.61
sdW=88.6
fwW=1.52
sdS=9.5
fwS=1.87
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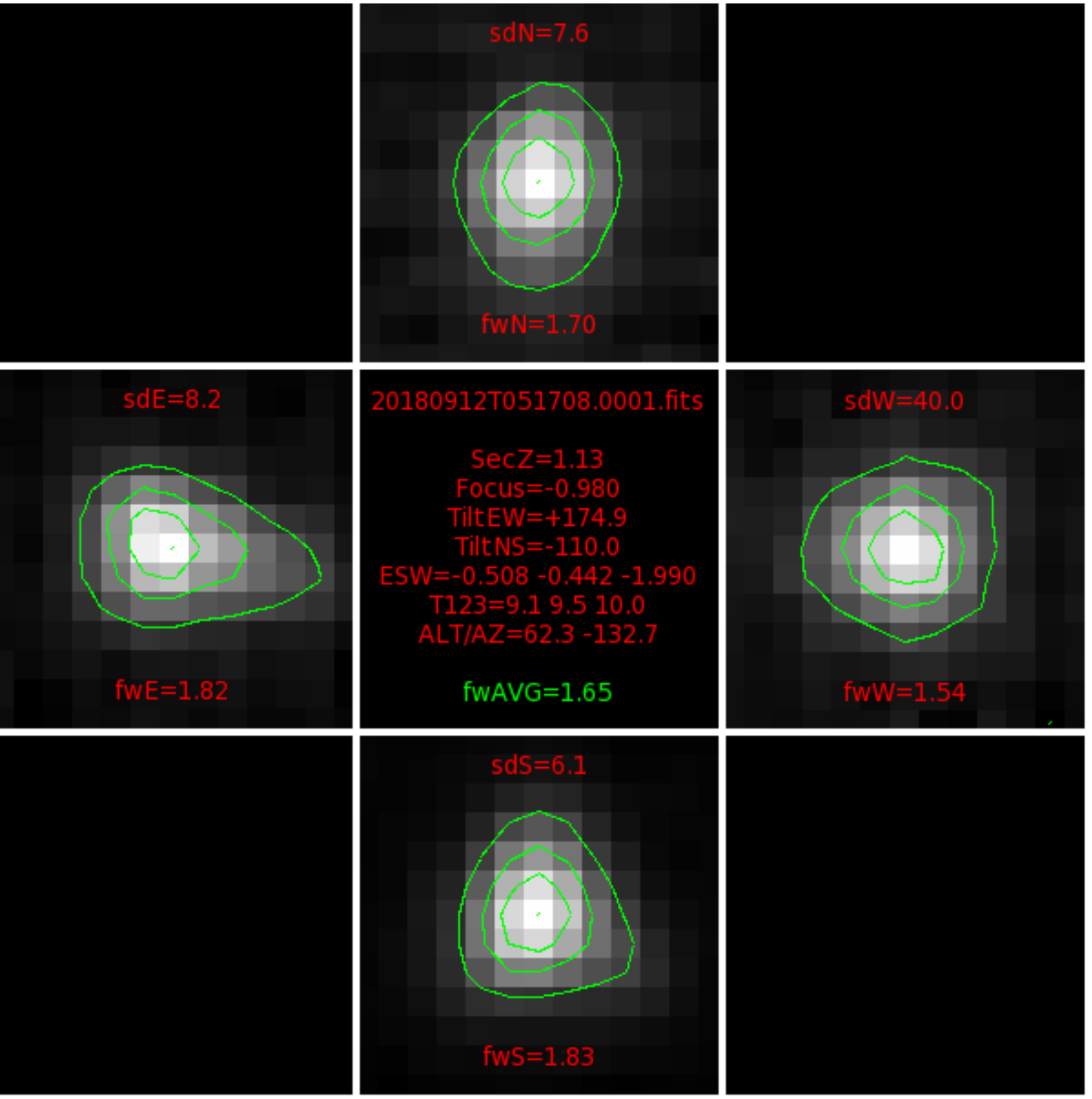
sdN=7.6
fwN=1.70
sdE=8.2
fwE=1.82
20180912T051708.0001.fits
SecZ=1.13
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 10.0
ALT/AZ=62.3 -132.7
fwAVG=1.65
sdW=40.0
fwW=1.54
sdS=6.1
fwS=1.83
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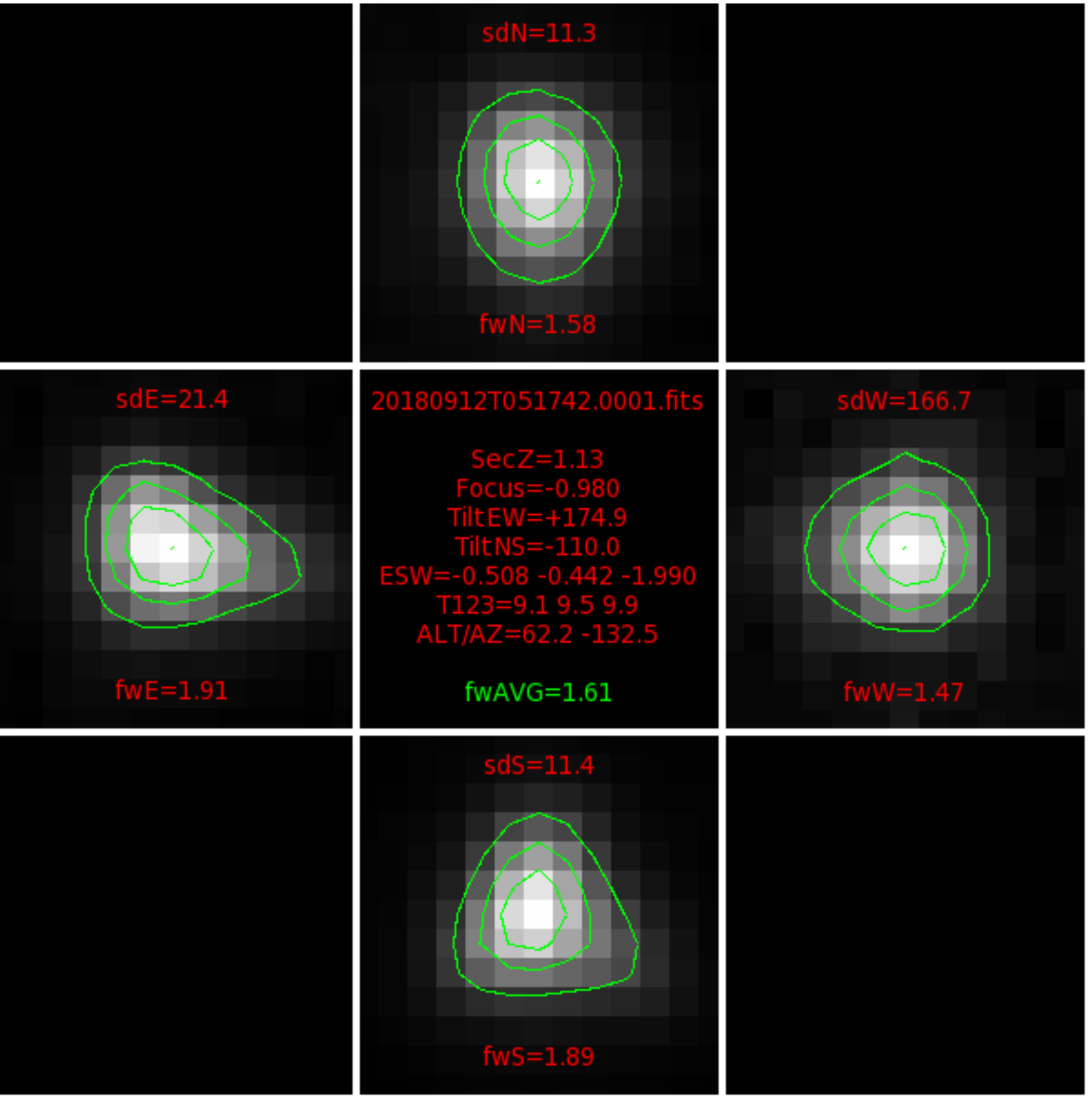
sdN=11.3
fwN=1.58
sdE=21.4
20180912T051742.0001.fits
SecZ=1.13
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 9.9
ALT/AZ=62.2 -132.5
fwAVG=1.61
sdW=166.7
fwE=1.91
fwW=1.47
sdS=11.4
fwS=1.89
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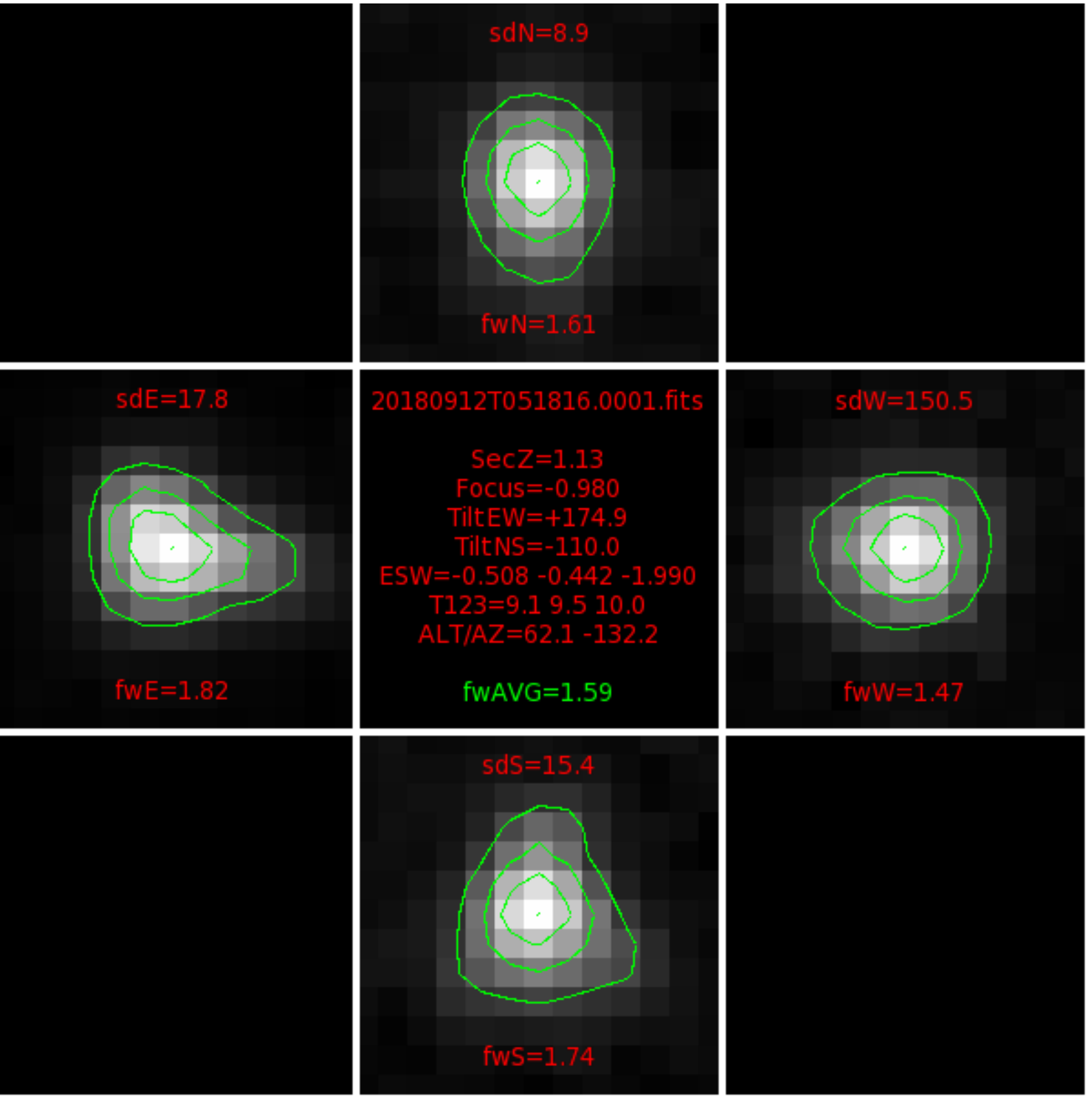
sdN=8.9
fwN=1.61
sdE=17.8
fwE=1.82
20180912T051816.0001.fits
SecZ=1.13
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 10.0
ALT/AZ=62.1 -132.2
fwAVG=1.59
sdW=150.5
fwW=1.47
sdS=15.4
fwS=1.74
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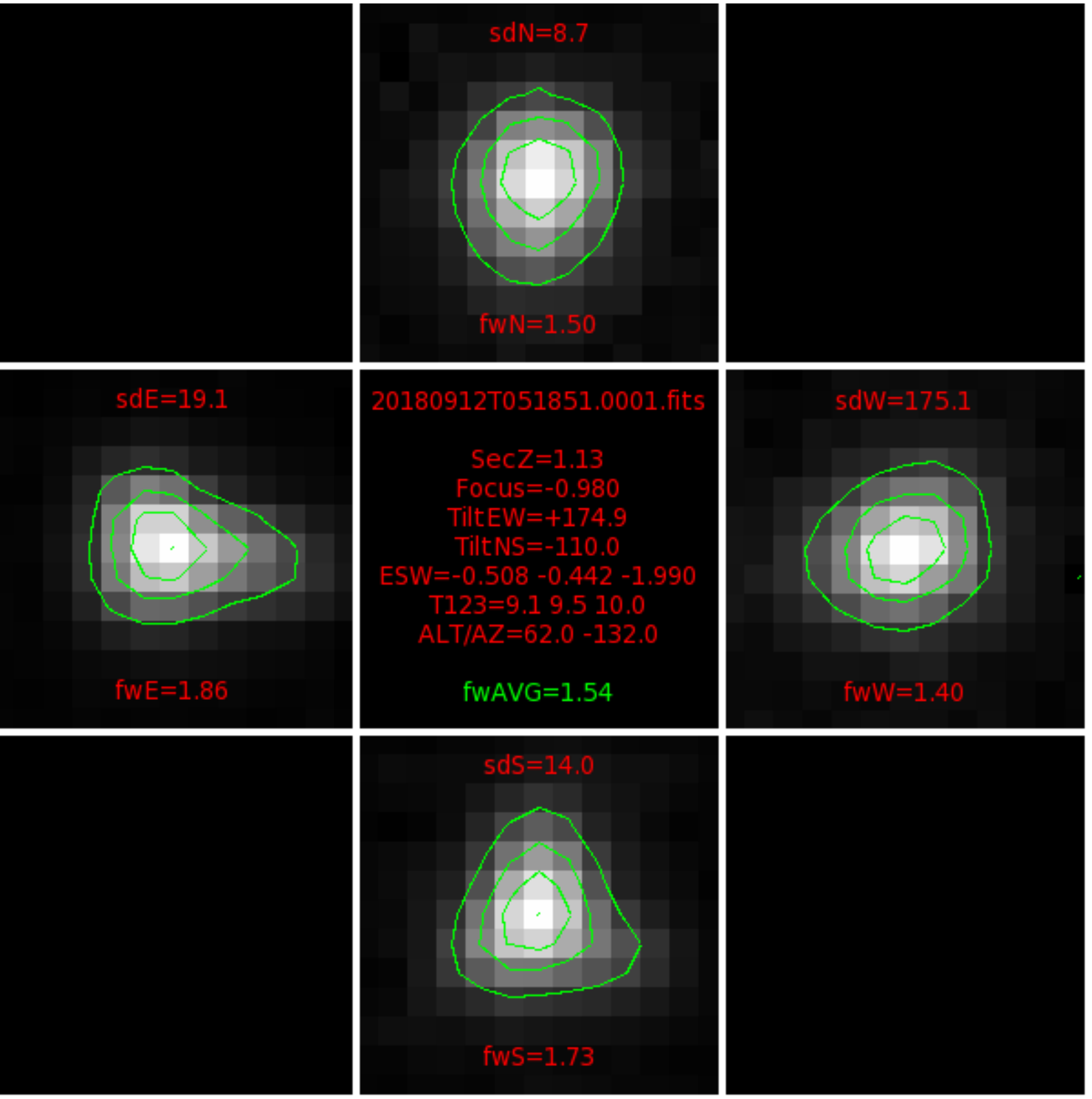
sdN=8.7
fwN=1.50
sdE=19.1
fwE=1.86
20180912T051851.0001.fits
SecZ=1.13
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 10.0
ALT/AZ=62.0 -132.0
fwAVG=1.54
sdW=175.1
fwW=1.40
sdS=14.0
fwS=1.73
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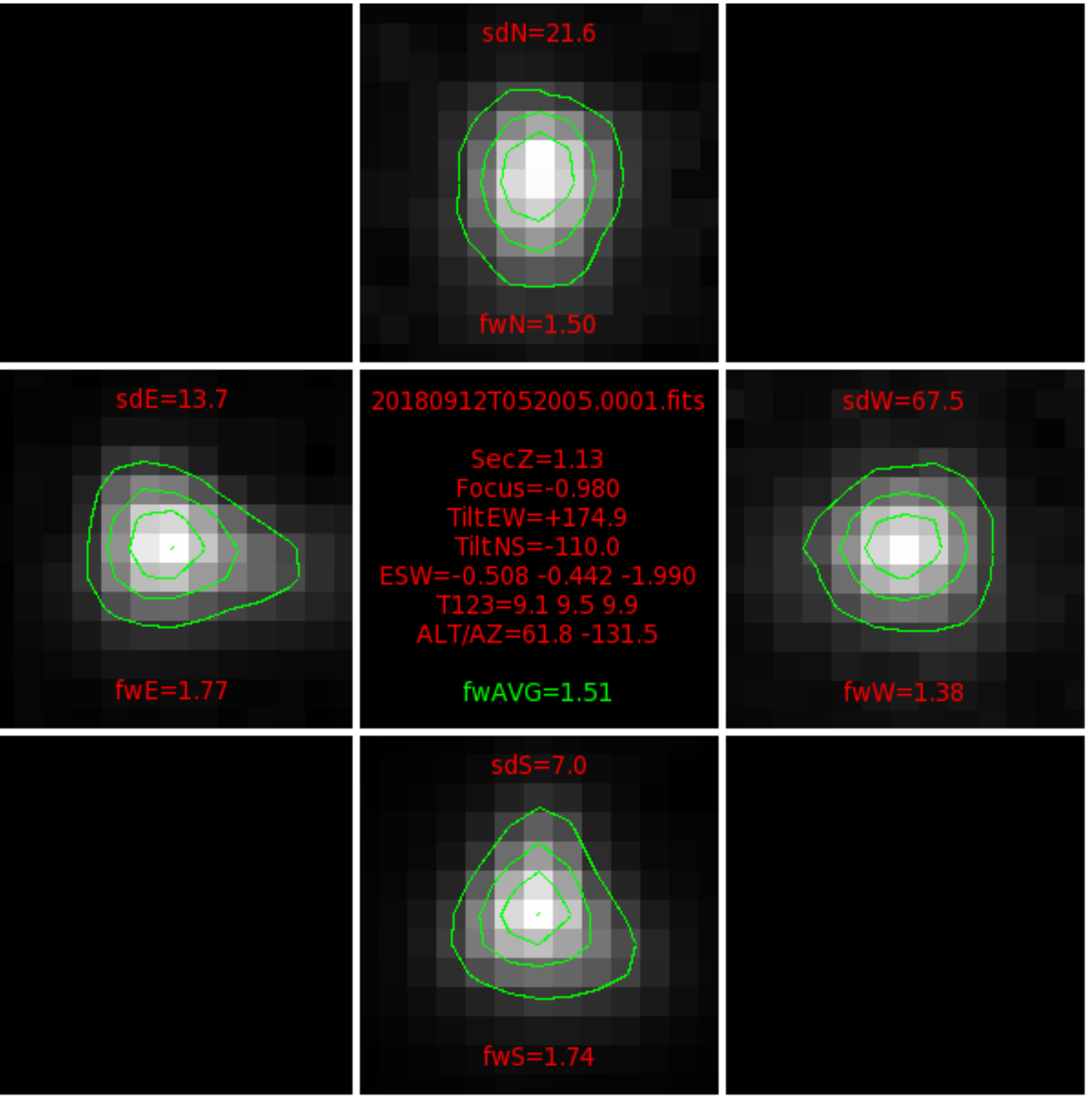
sdN=21.6
fwN=1.50
sdE=13.7
fwE=1.77
20180912T052005.0001.fits
SecZ=1.13
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 9.9
ALT/AZ=61.8 -131.5
fwAVG=1.51
sdW=67.5
fwW=1.38
sdS=7.0
fwS=1.74
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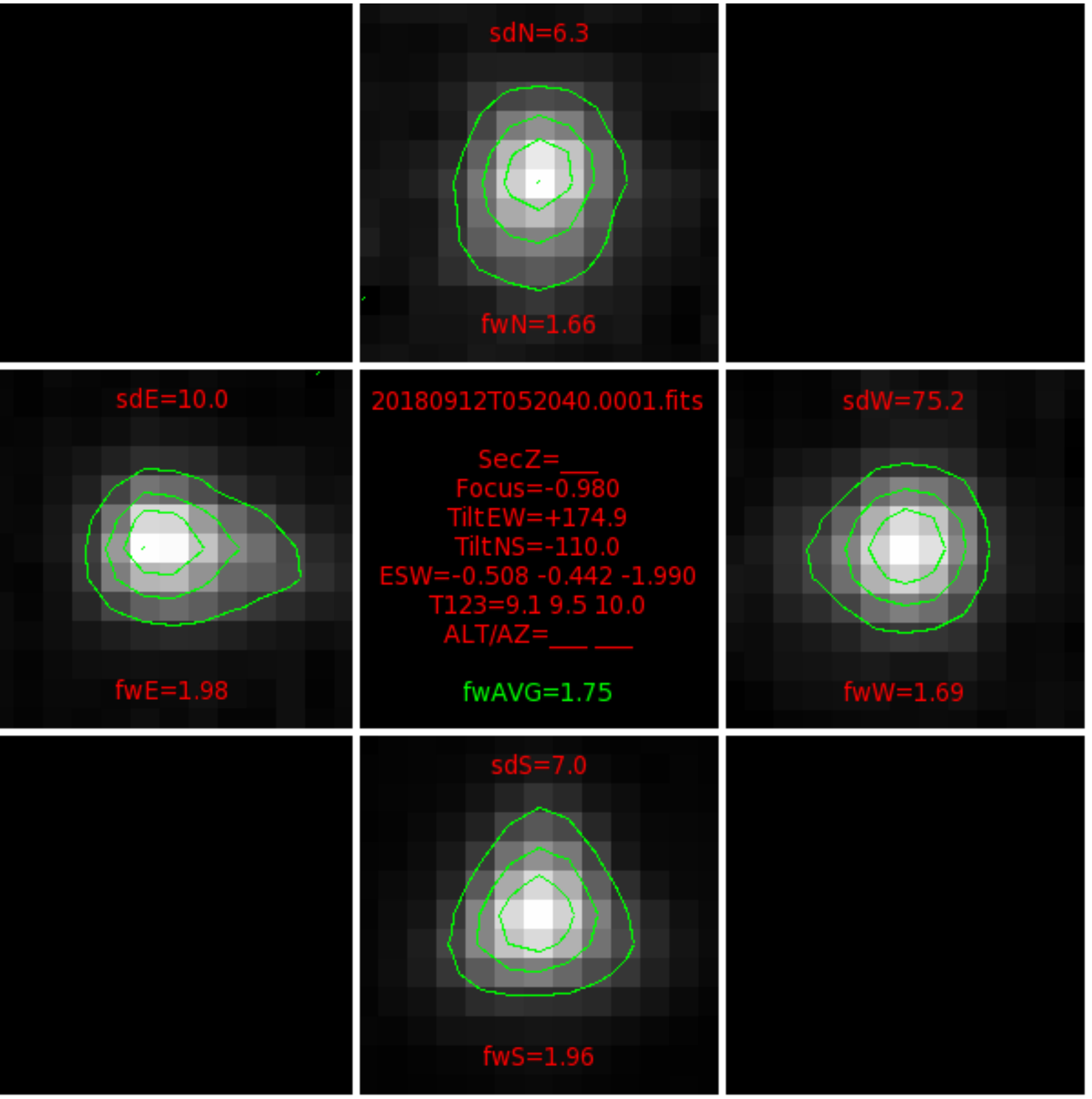
sdN=6.3
fwN=1.66
sdE=10.0
fwE=1.98
20180912T052040.0001.fits
SecZ=___
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 10.0
ALT/AZ=___ ___
fwAVG=1.75
sdW=75.2
fwW=1.69
sdS=7.0
fwS=1.96
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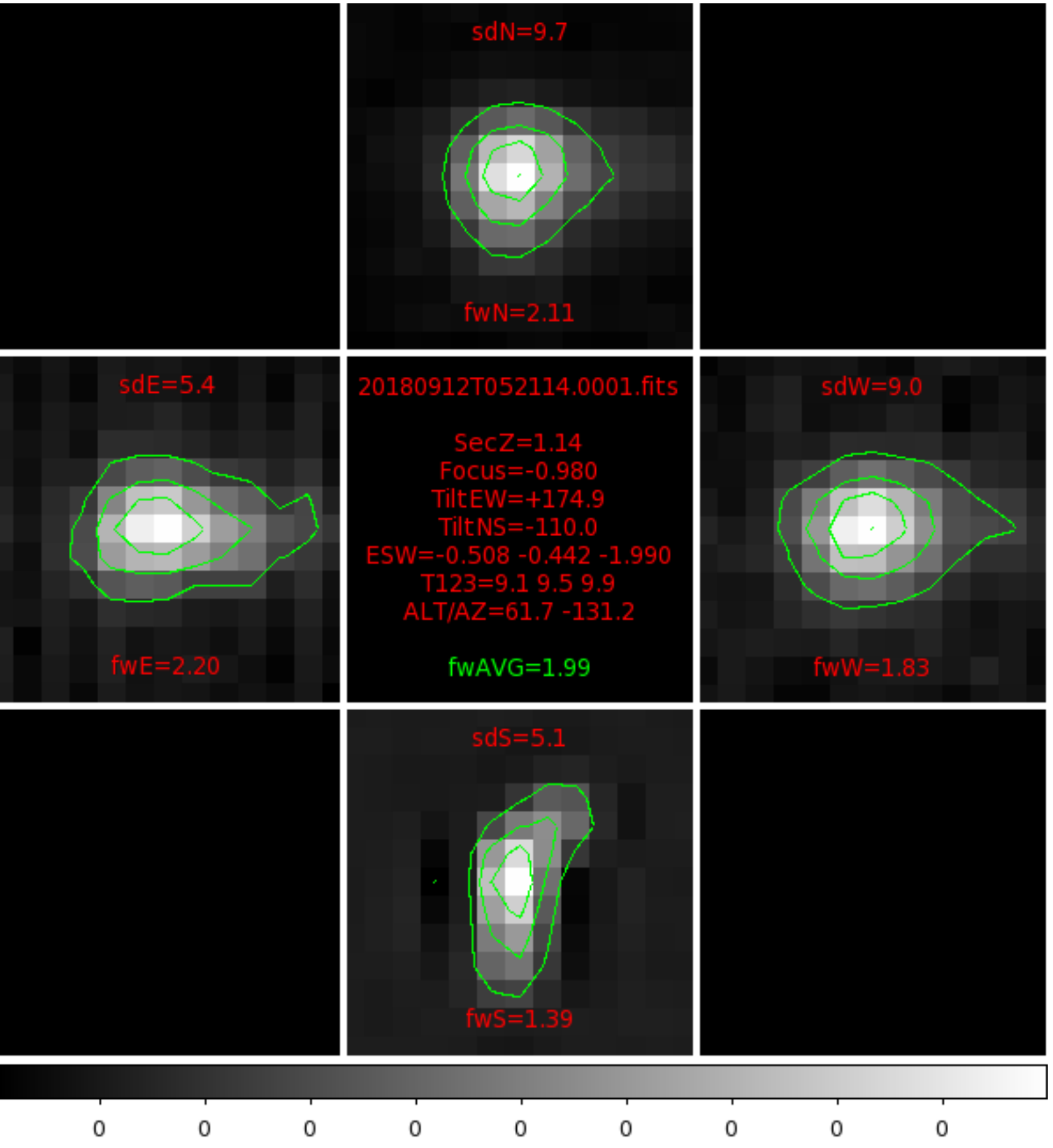
sdN=9.7
fwN=2.11
sdE=5.4
fwE=2.20
20180912T052114.0001.fits
SecZ=1.14
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.5 9.9
ALT/AZ=61.7 -131.2
fwAVG=1.99
sdW=9.0
fwW=1.83
sdS=5.1
fwS=1.39
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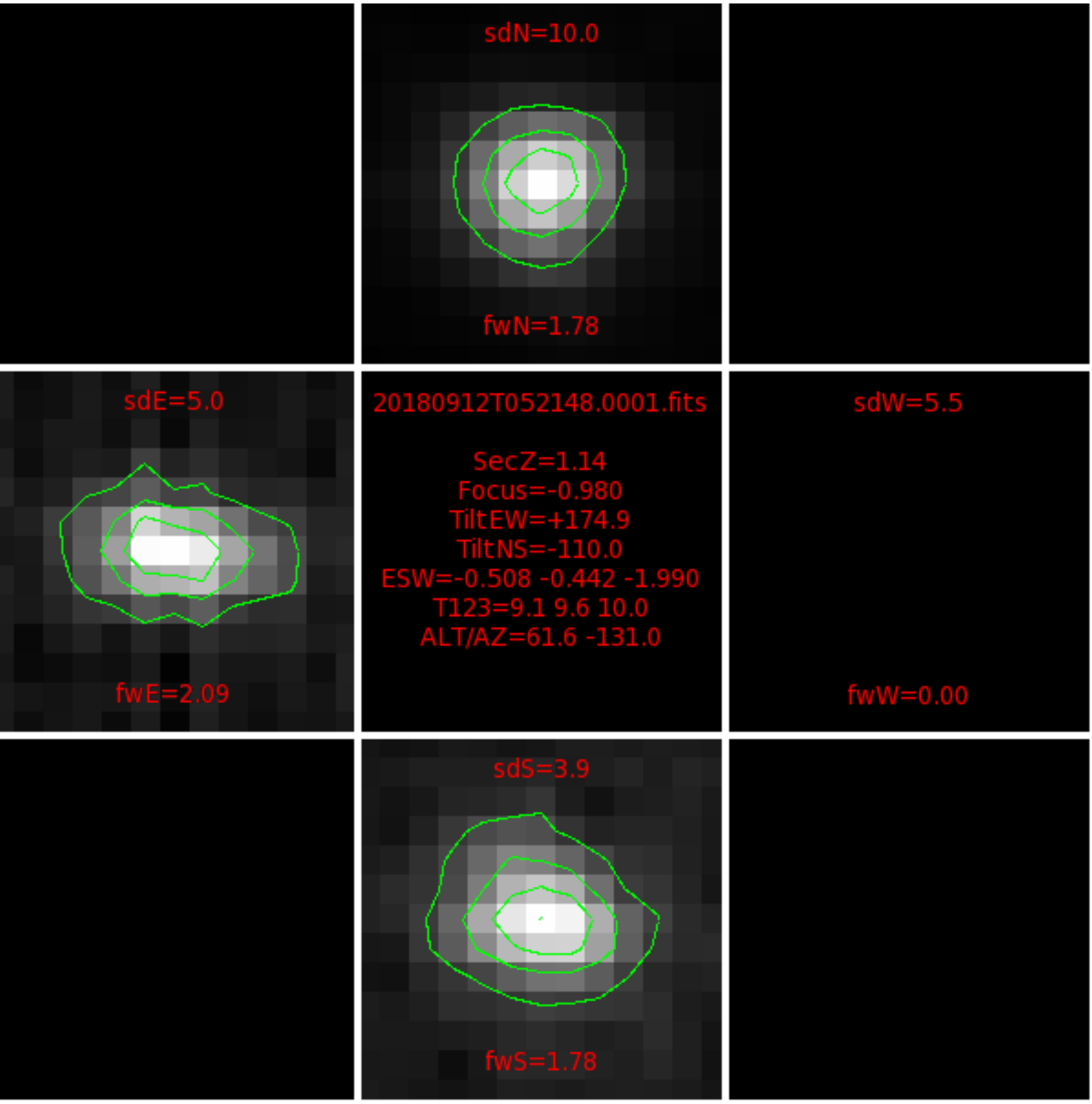
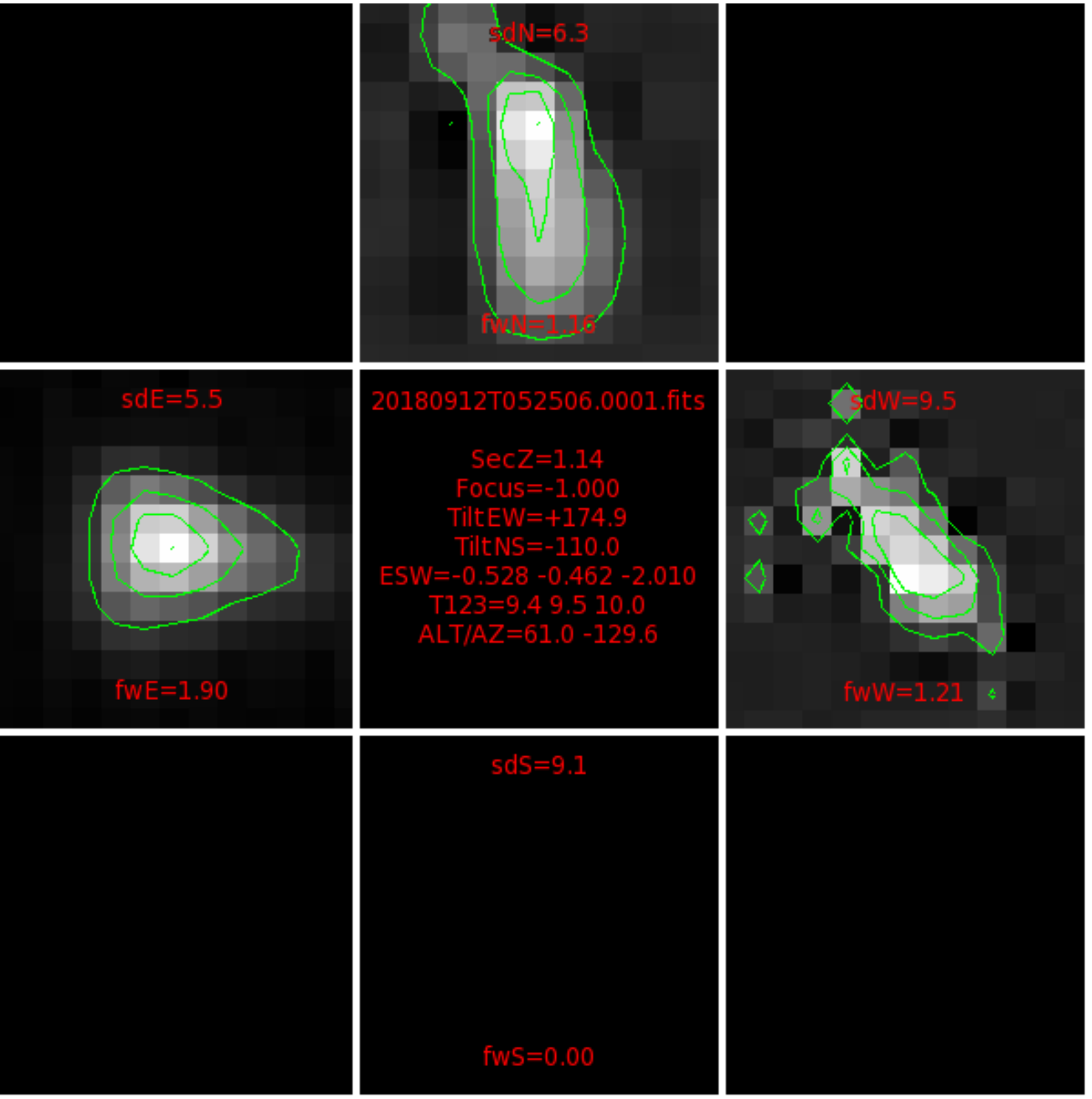

sdN=10.0
fwN=1.78
sdE=5.0
fwE=2.09
20180912T052148.0001.fits
SecZ=1.14
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.1 9.6 10.0
ALT/AZ=61.6 -131.0
sdW=5.5
fwW=0.00
sdS=3.9
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=6.3
fwN=1.16
sdE=5.5
fwE=1.90
20180912T052506.0001.fits
SecZ=1.14
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.5 10.0
ALT/AZ=61.0 -129.6
sdW=9.5
fwW=1.21
sdS=9.1
fwS=0.00
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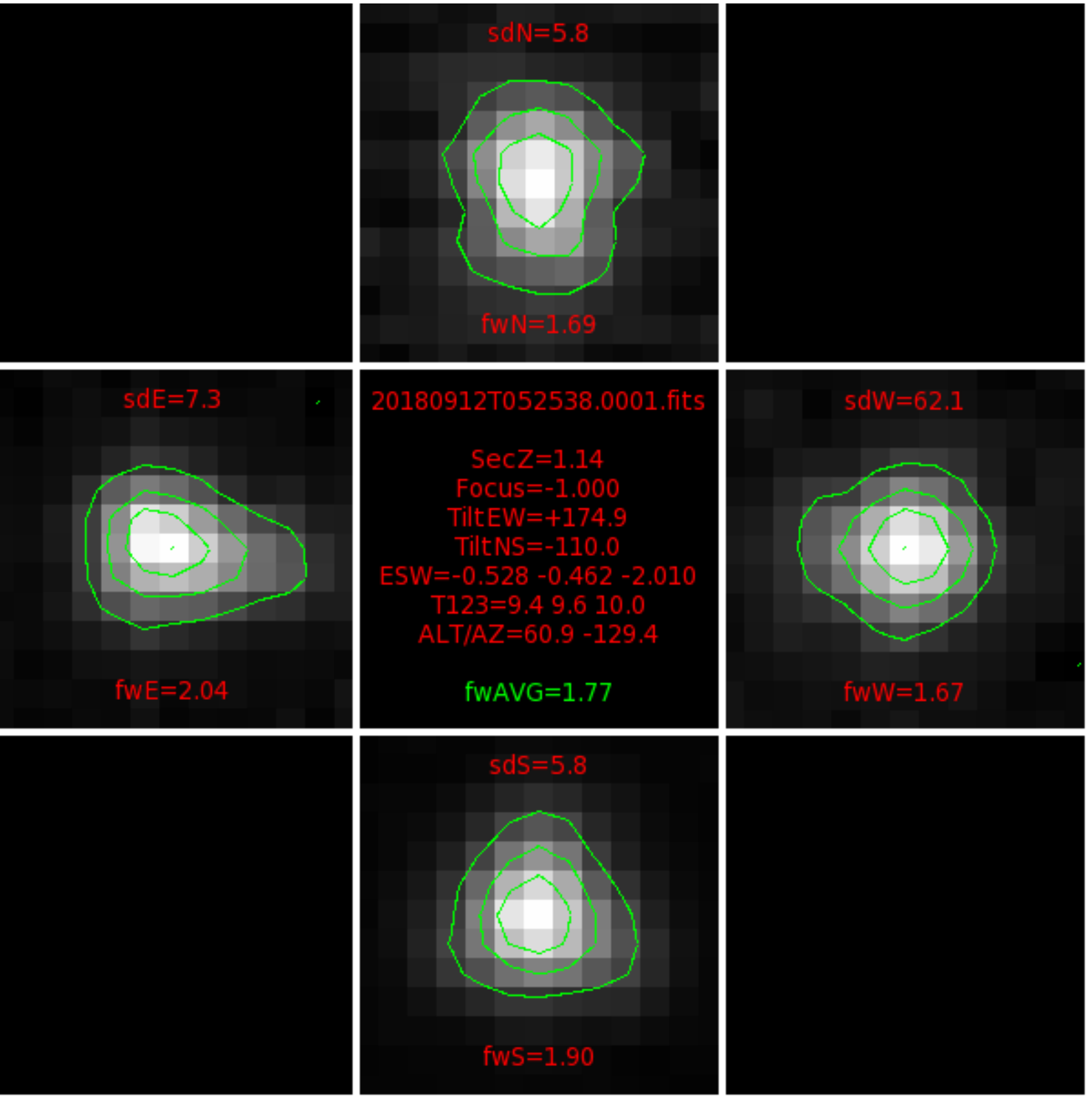
sdN=5.8
fwN=1.69
sdE=7.3
fwE=2.04
20180912T052538.0001.fits
SecZ=1.14
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=60.9 -129.4
fwAVG=1.77
sdW=62.1
fwW=1.67
sdS=5.8
fwS=1.90
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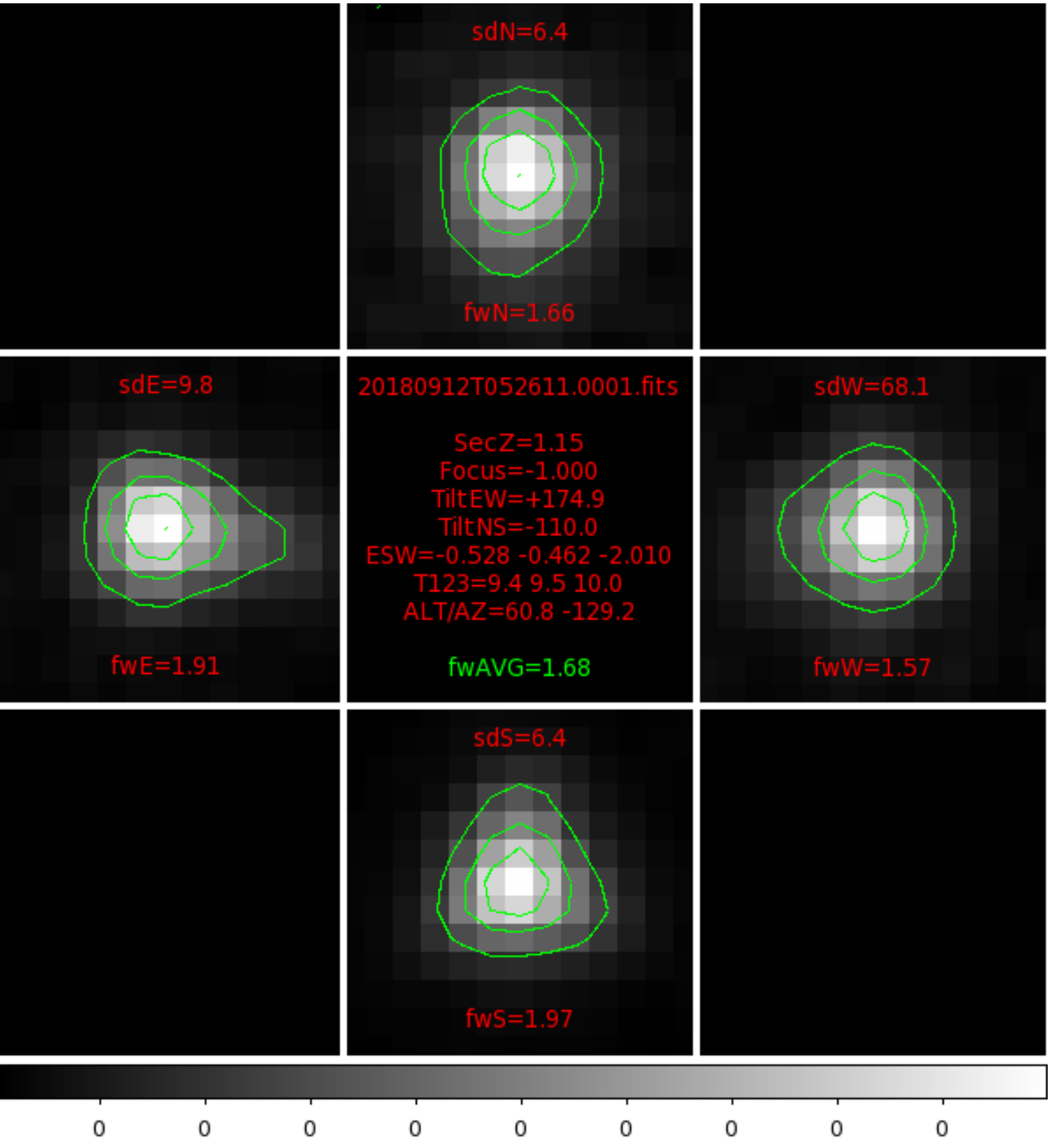
sdN=6.4
fwN=1.66
sdE=9.8
fwE=1.91
20180912T052611.0001.fits
SecZ=1.15
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.5 10.0
ALT/AZ=60.8 -129.2
fwAVG=1.68
sdW=68.1
fwW=1.57
sdS=6.4
fwS=1.97
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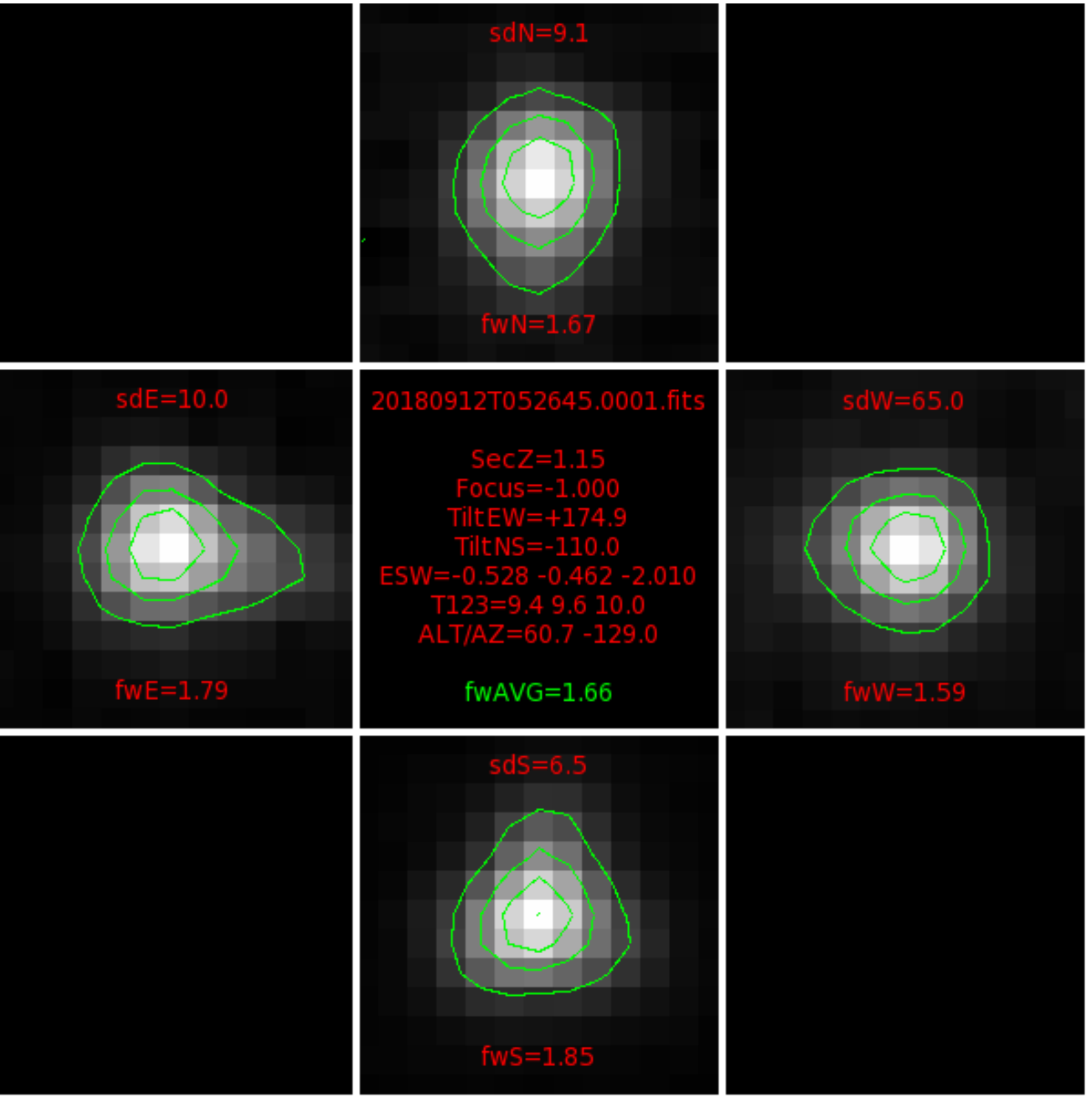
sdN=9.1
fwN=1.67
sdE=10.0
fwE=1.79
20180912T052645.0001.fits
SecZ=1.15
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=60.7 -129.0
fwAVG=1.66
sdW=65.0
fwW=1.59
sdS=6.5
fwS=1.85
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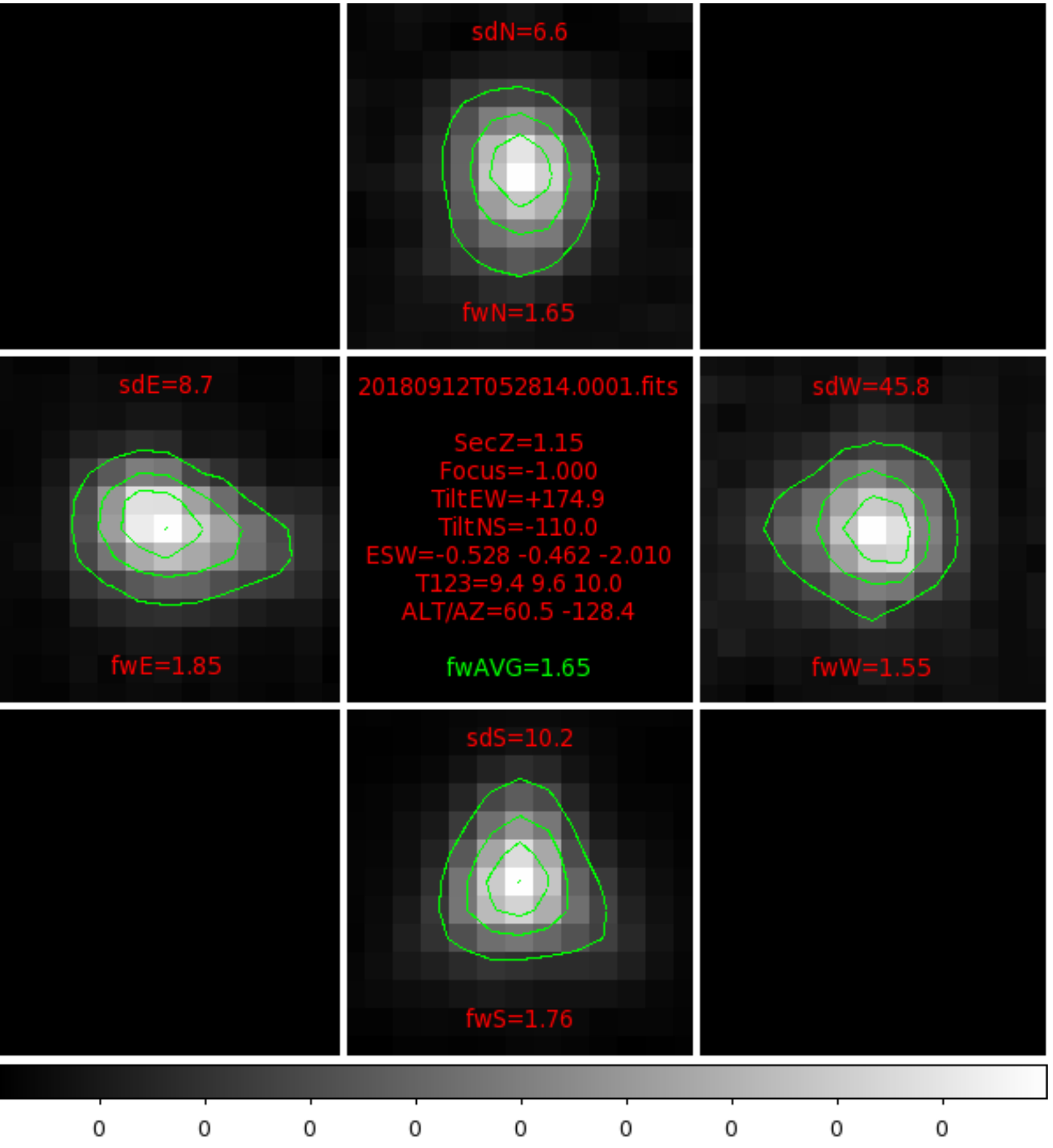
sdN=6.6
fwN=1.65
sdE=8.7
fwE=1.85
20180912T052814.0001.fits
SecZ=1.15
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=60.5 -128.4
fwAVG=1.65
sdW=45.8
fwW=1.55
sdS=10.2
fwS=1.76
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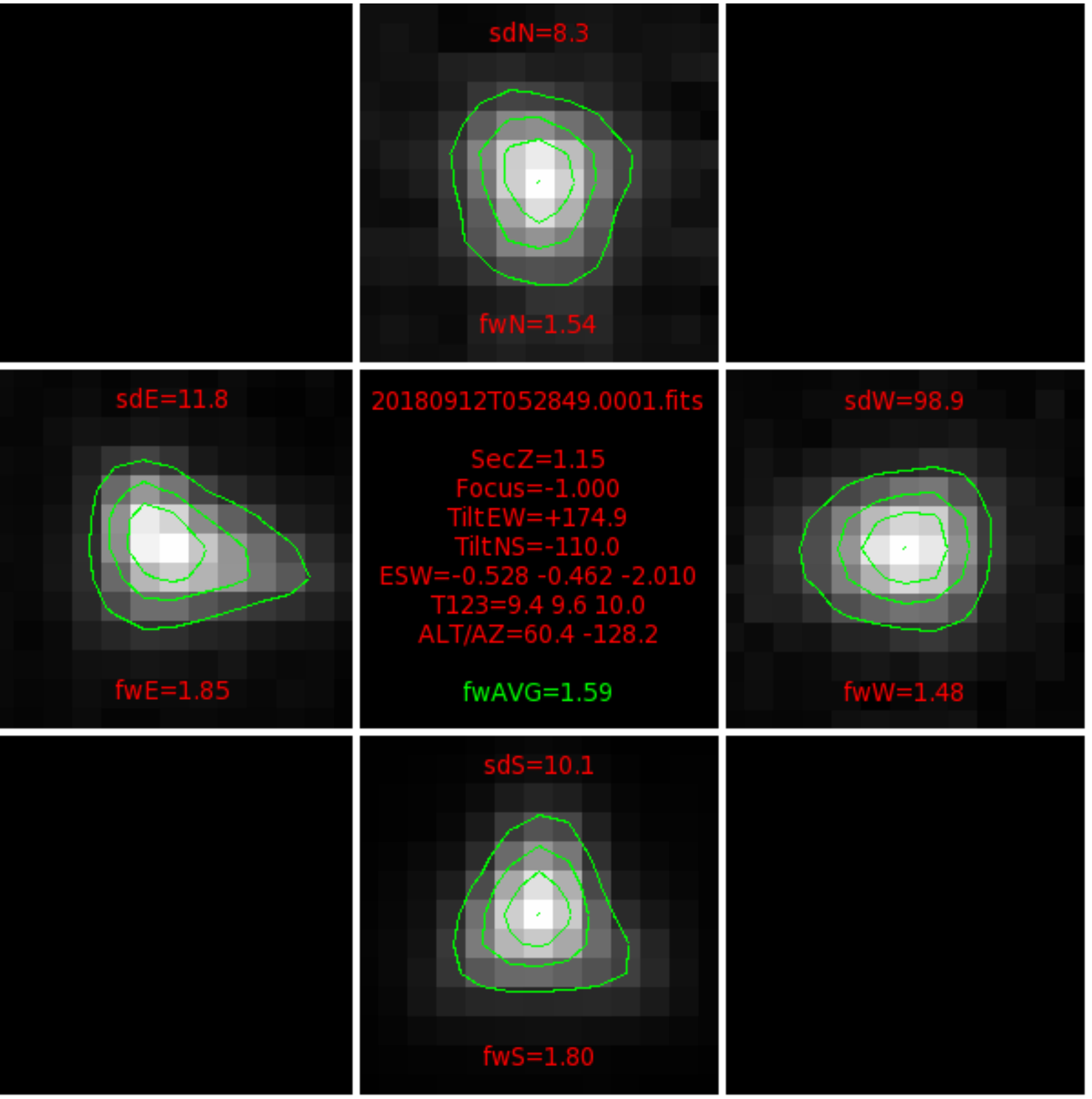
sdN=8.3
fwN=1.54
sdE=11.8
fwE=1.85
20180912T052849.0001.fits
SecZ=1.15
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=60.4 -128.2
fwAVG=1.59
sdW=98.9
fwW=1.48
sdS=10.1
fwS=1.80
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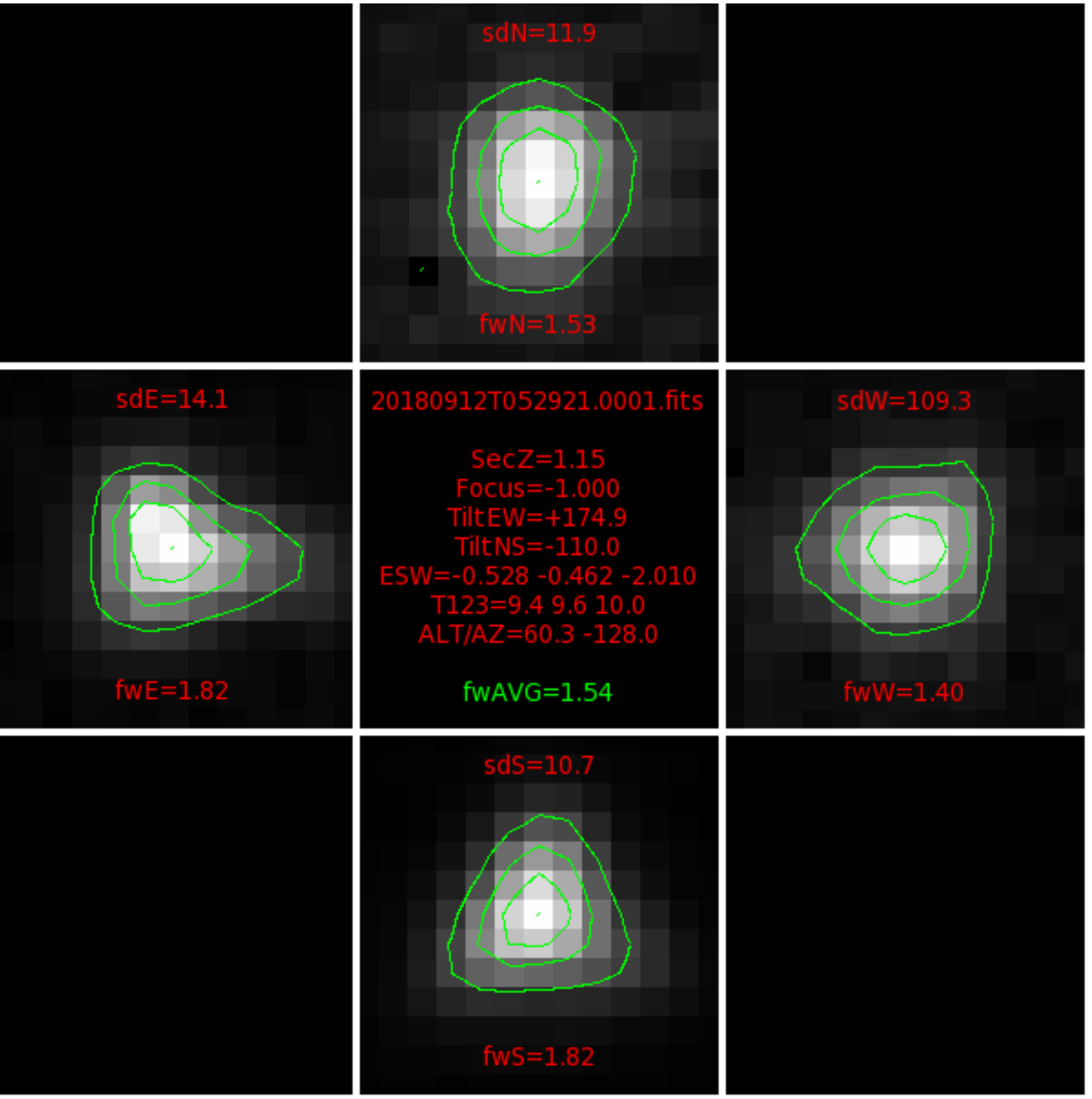
sdN=11.9
fwN=1.53
sdE=14.1
fwE=1.82
20180912T052921.0001.fits
SecZ=1.15
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=60.3 -128.0
fwAVG=1.54
sdW=109.3
fwW=1.40
sdS=10.7
fwS=1.82
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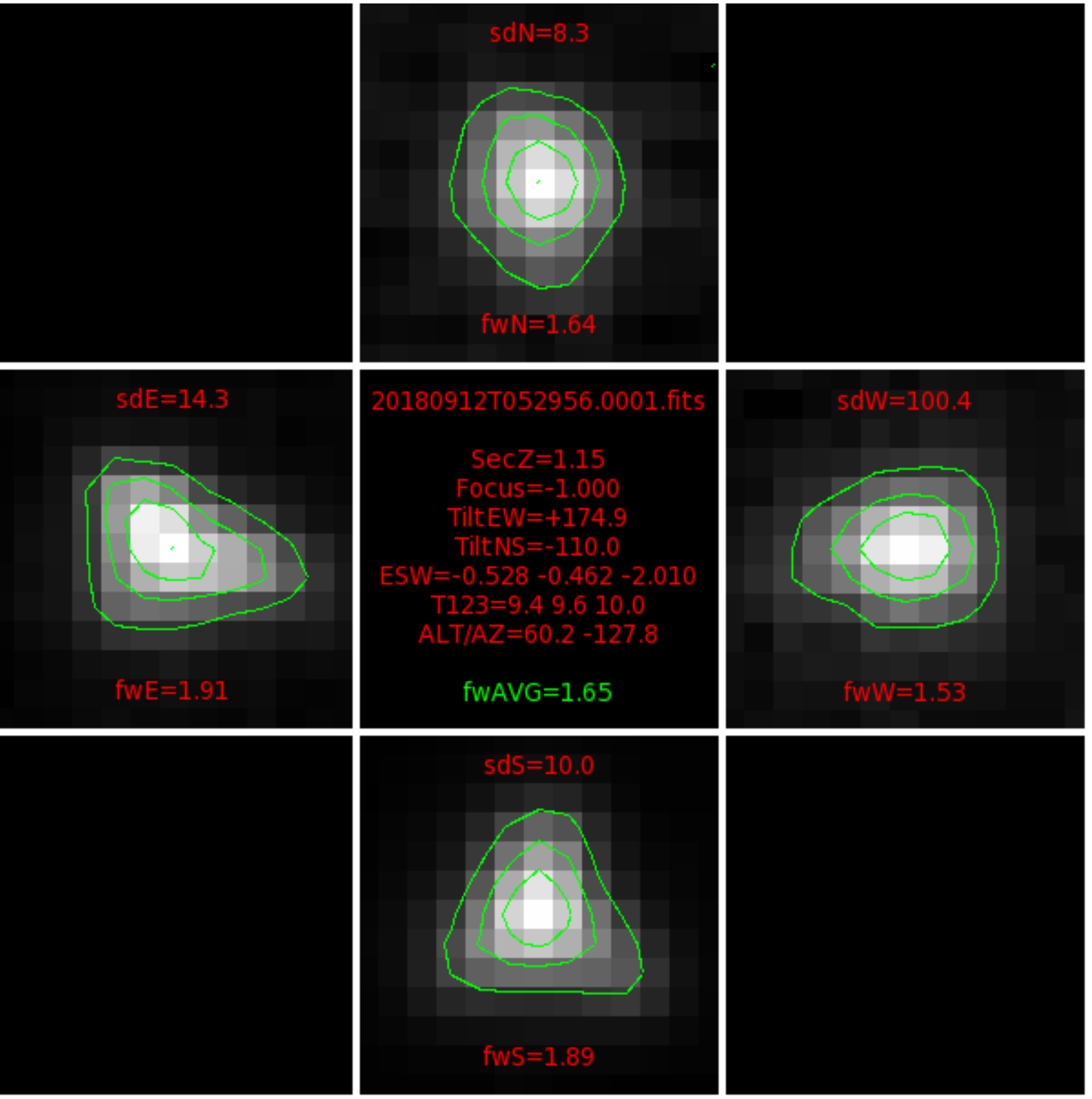
sdN=8.3
fwN=1.64
sdE=14.3
fwE=1.91
20180912T052956.0001.fits
SecZ=1.15
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=60.2 -127.8
fwAVG=1.65
sdW=100.4
fwW=1.53
sdS=10.0
fwS=1.89
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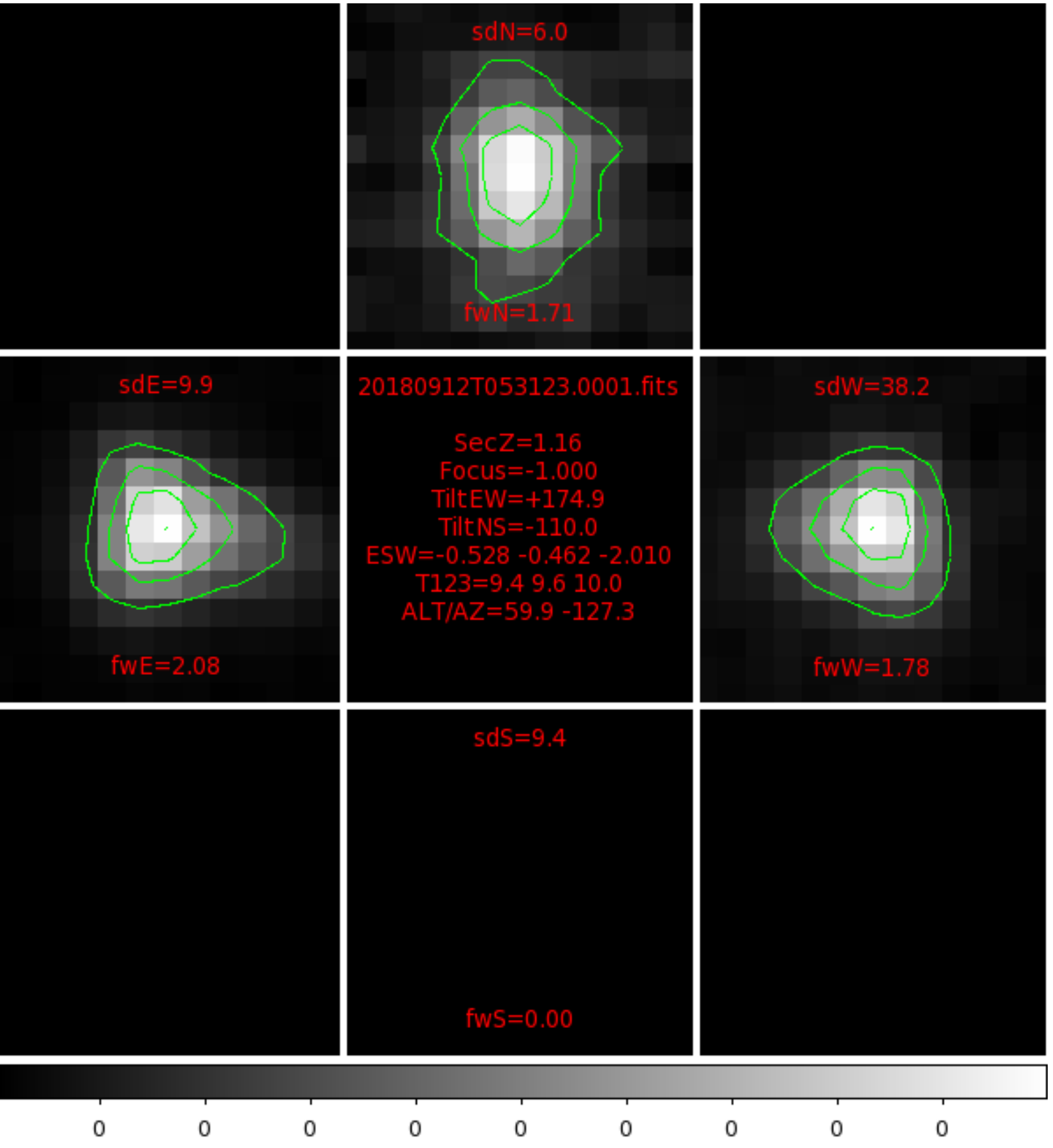
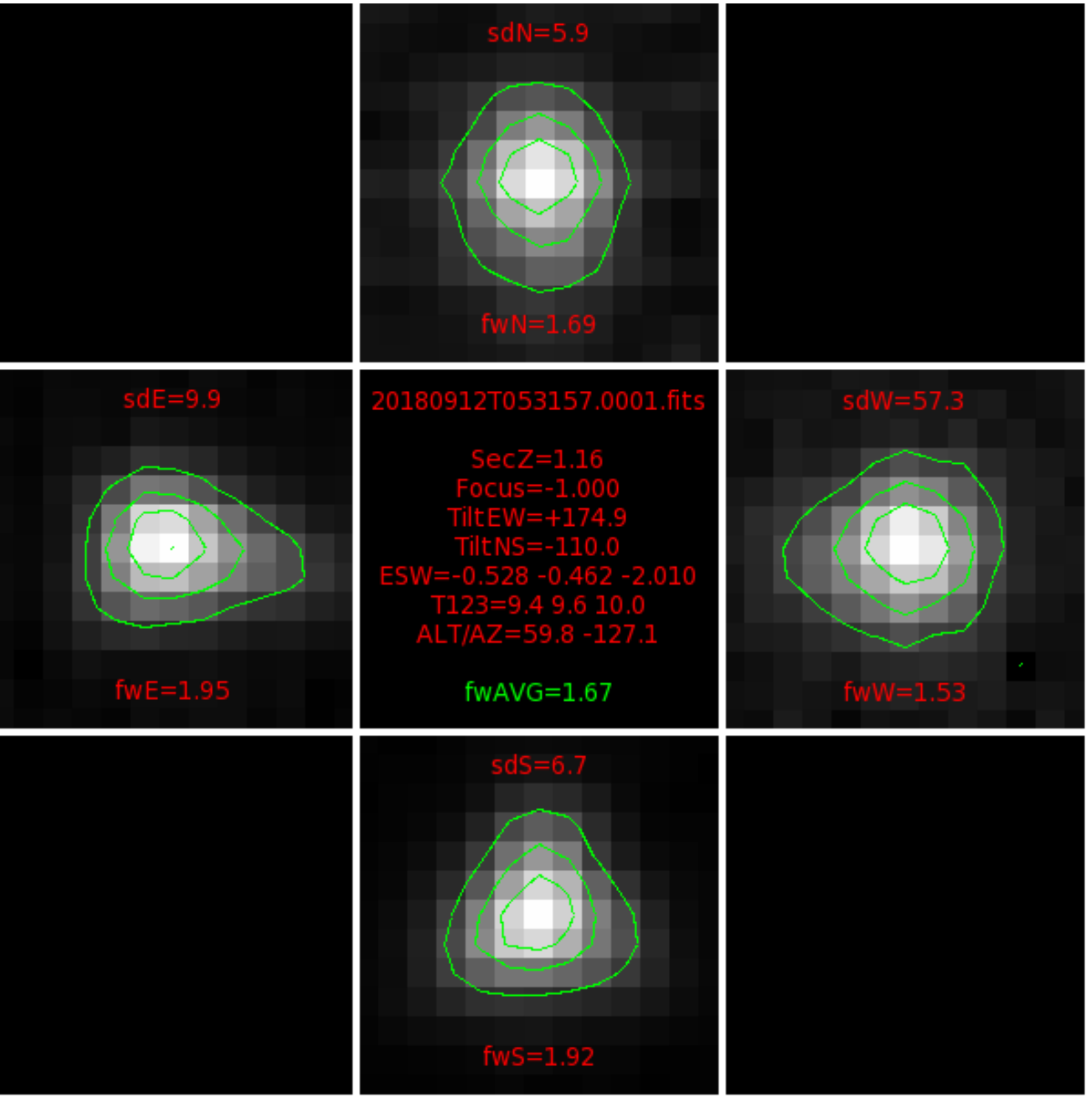

sdN=6.0
fwN=1.71
sdE=9.9
fwE=2.08
20180912T053123.0001.fits
SecZ=1.16
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=59.9 -127.3
sdW=38.2
fwW=1.78
sdS=9.4
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=5.9
fwN=1.69
sdE=9.9
fwE=1.95
20180912T053157.0001.fits
SecZ=1.16
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=59.8 -127.1
fwAVG=1.67
sdW=57.3
fwW=1.53
sdS=6.7
fwS=1.92
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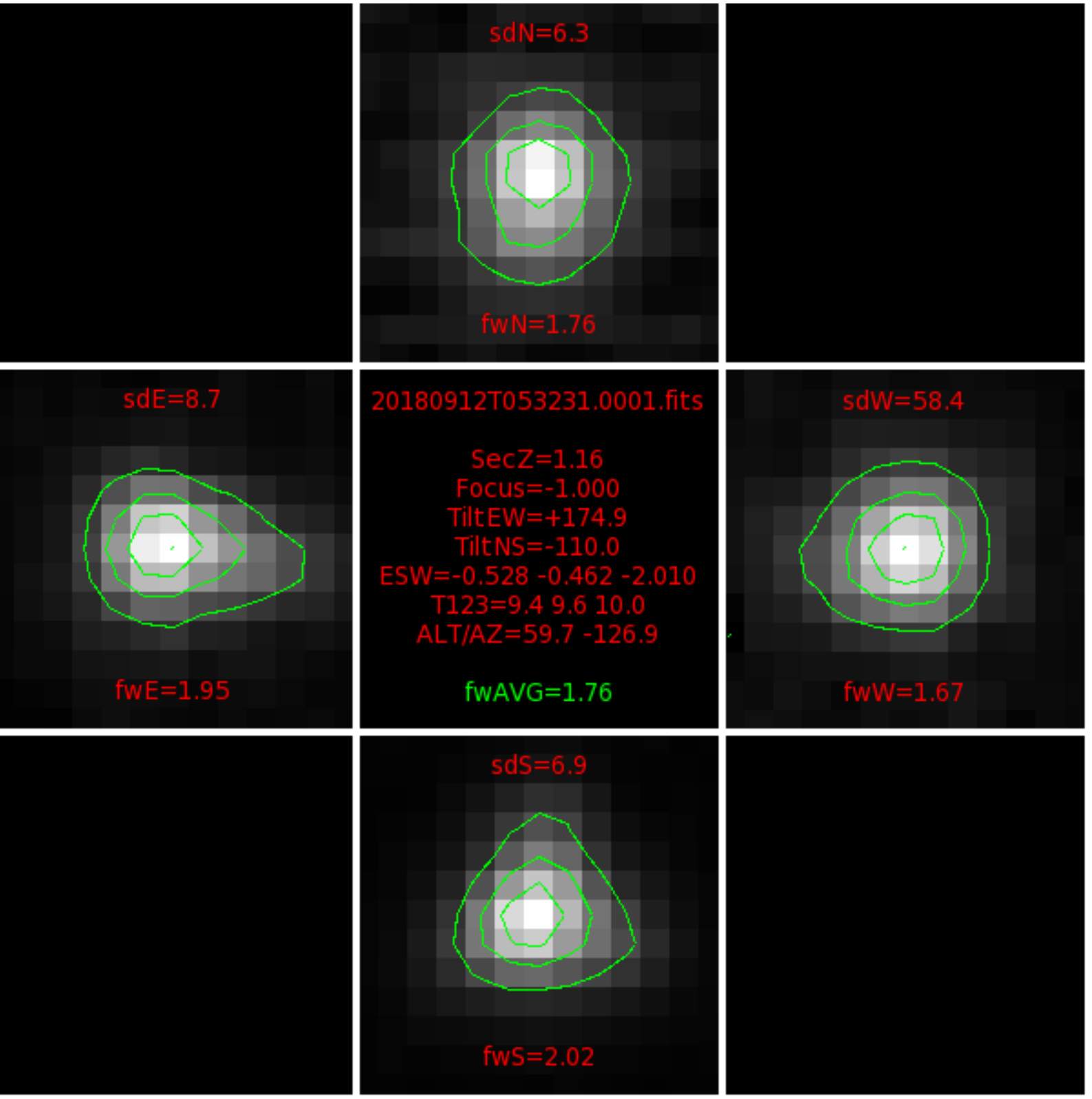
sdN=6.3
fwN=1.76
sdE=8.7
fwE=1.95
20180912T053231.0001.fits
SecZ=1.16
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=59.7 -126.9
fwAVG=1.76
sdW=58.4
fwW=1.67
sdS=6.9
fwS=2.02
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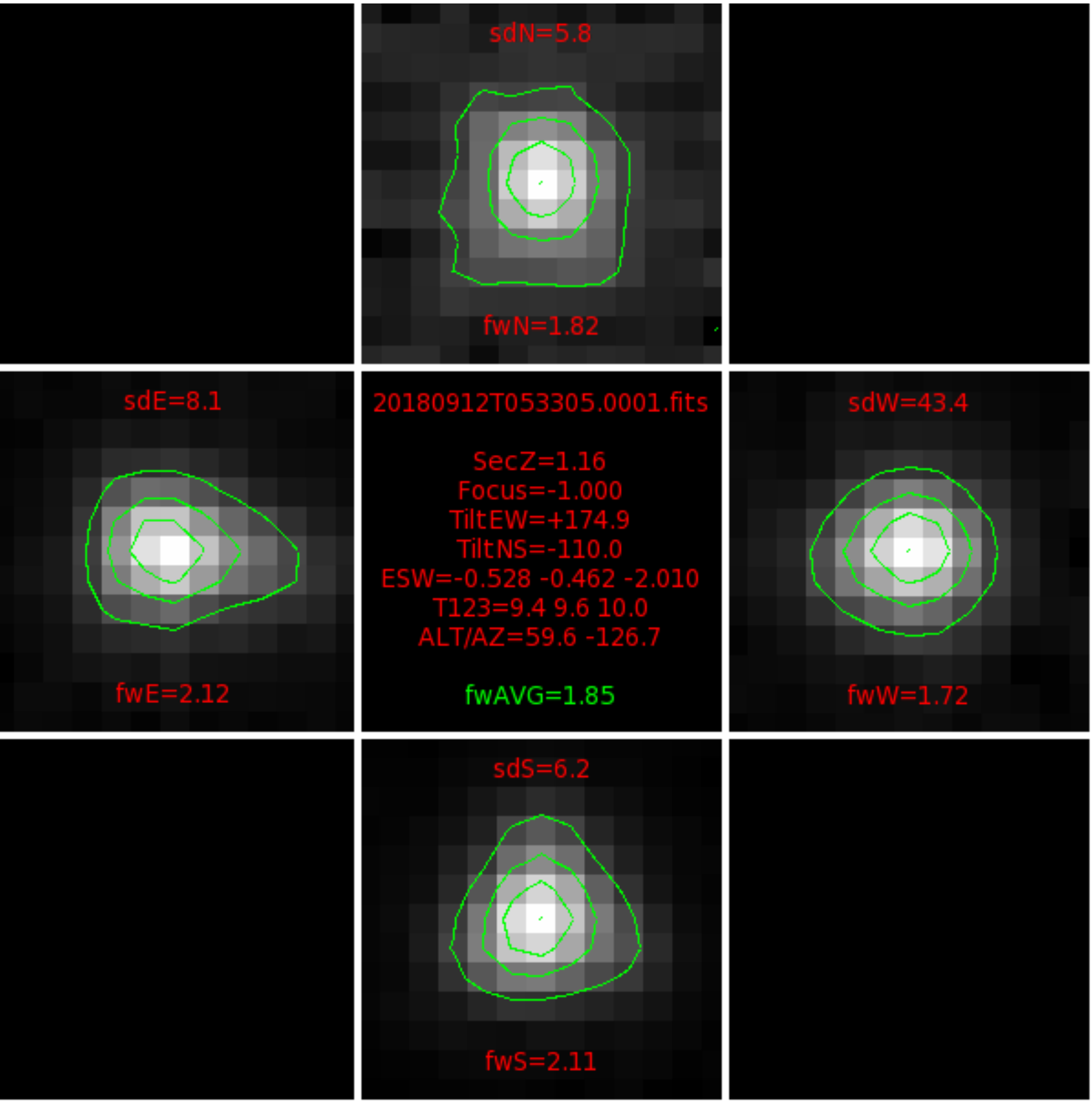
sdN=5.8
fwN=1.82
sdE=8.1
fwE=2.12
20180912T053305.0001.fits
SecZ=1.16
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=59.6 -126.7
fwAVG=1.85
sdW=43.4
fwW=1.72
sdS=6.2
fwS=2.11
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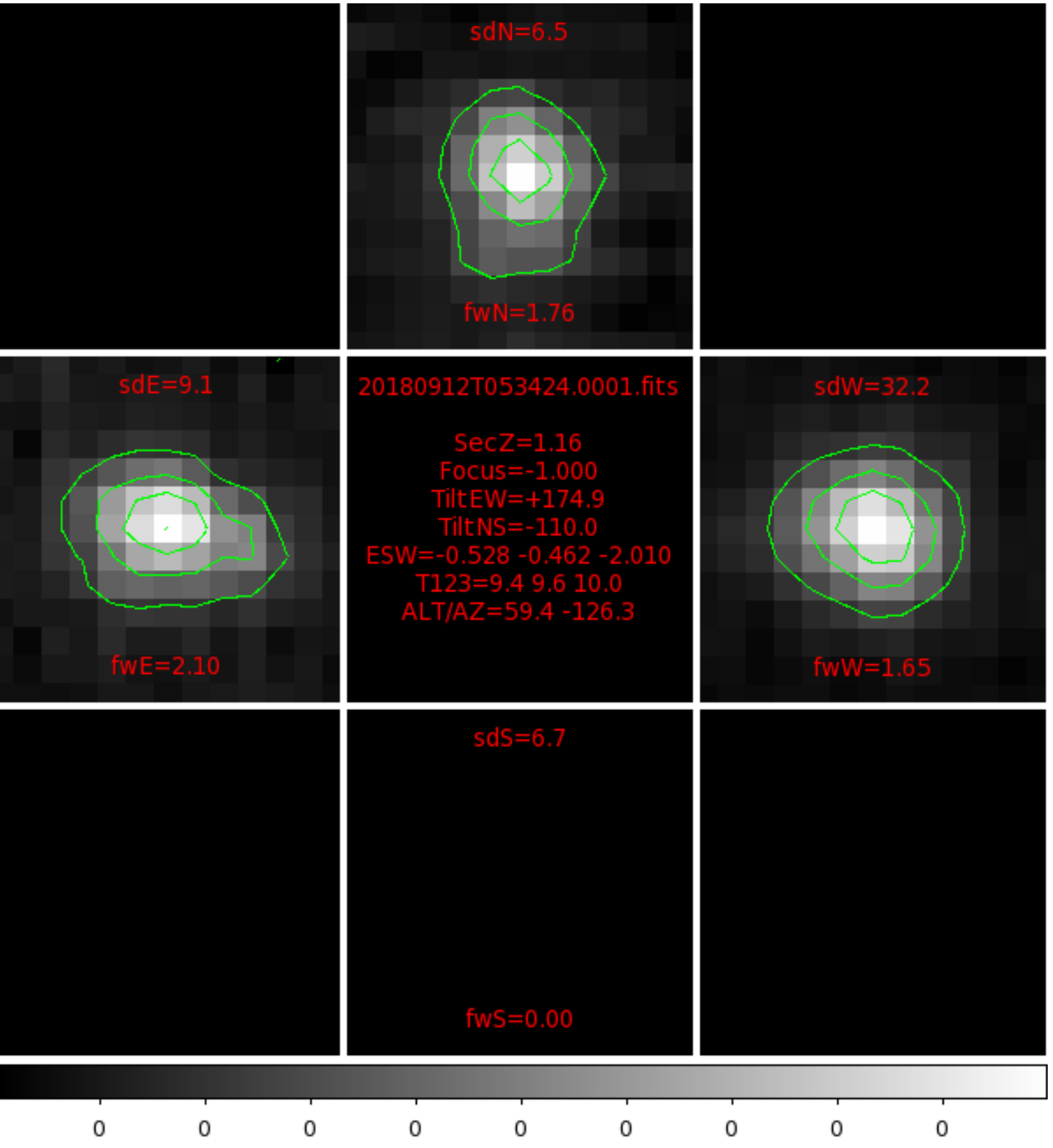
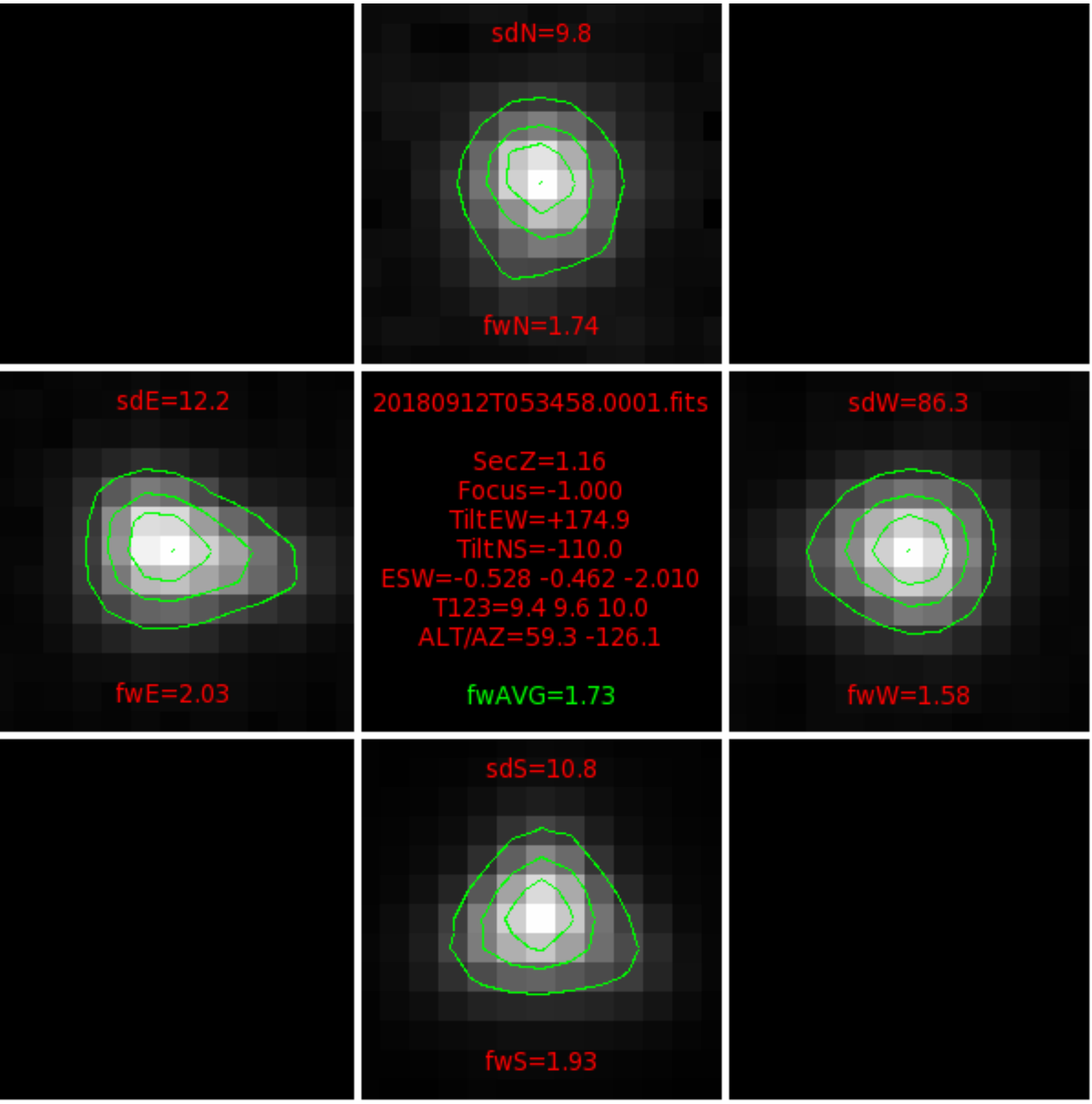

sdN=6.5
fwN=1.76
sdE=9.1
fwE=2.10
20180912T053424.0001.fits
SecZ=1.16
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=59.4 -126.3
sdW=32.2
fwW=1.65
sdS=6.7
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=9.8
fwN=1.74
sdE=12.2
fwE=2.03
20180912T053458.0001.fits
SecZ=1.16
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=59.3 -126.1
fwAVG=1.73
sdW=86.3
fwW=1.58
sdS=10.8
fwS=1.93
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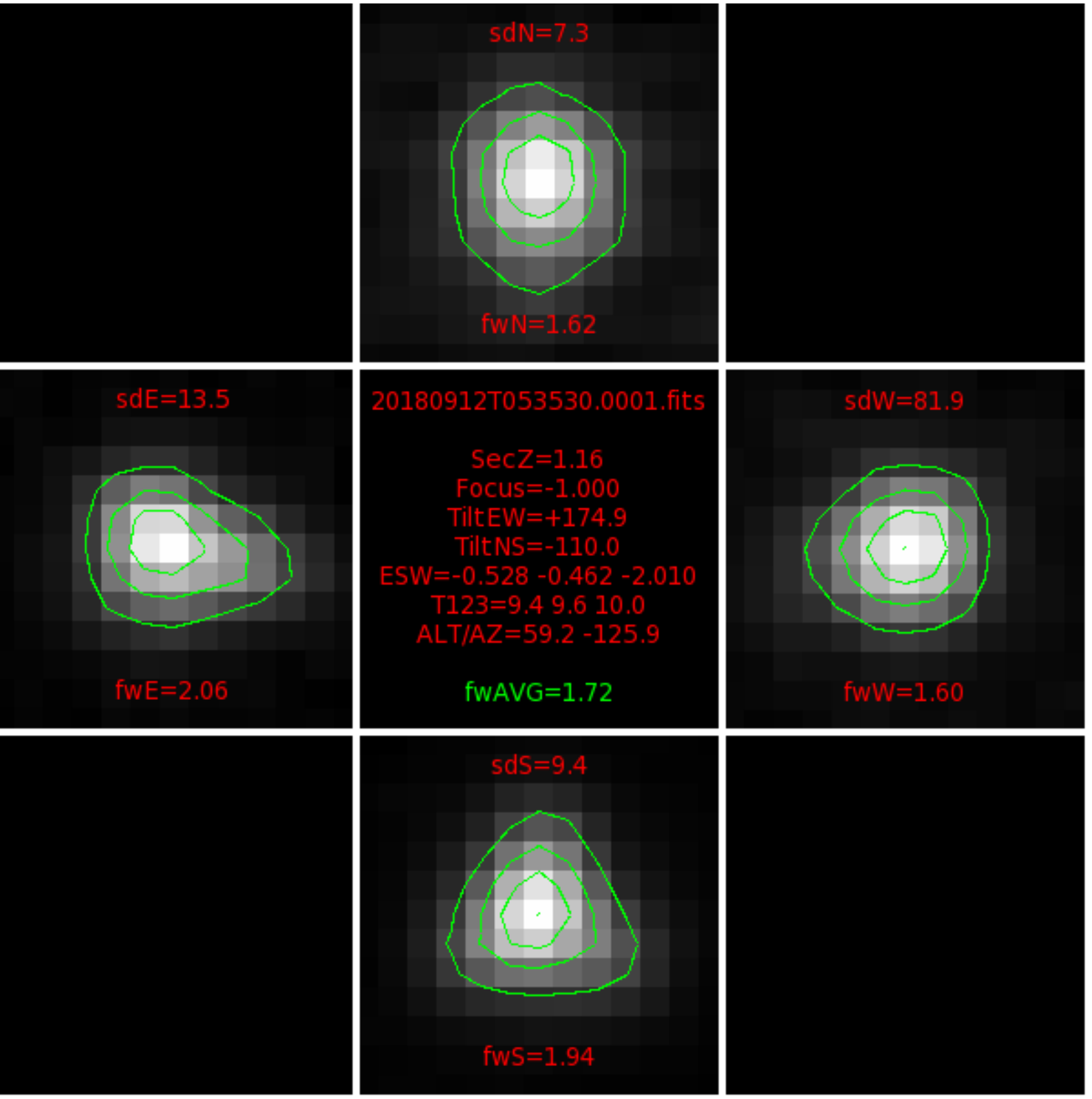
sdN=7.3
fwN=1.62
sdE=13.5
fwE=2.06
20180912T053530.0001.fits
SecZ=1.16
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=59.2 -125.9
fwAVG=1.72
sdW=81.9
fwW=1.60
sdS=9.4
fwS=1.94
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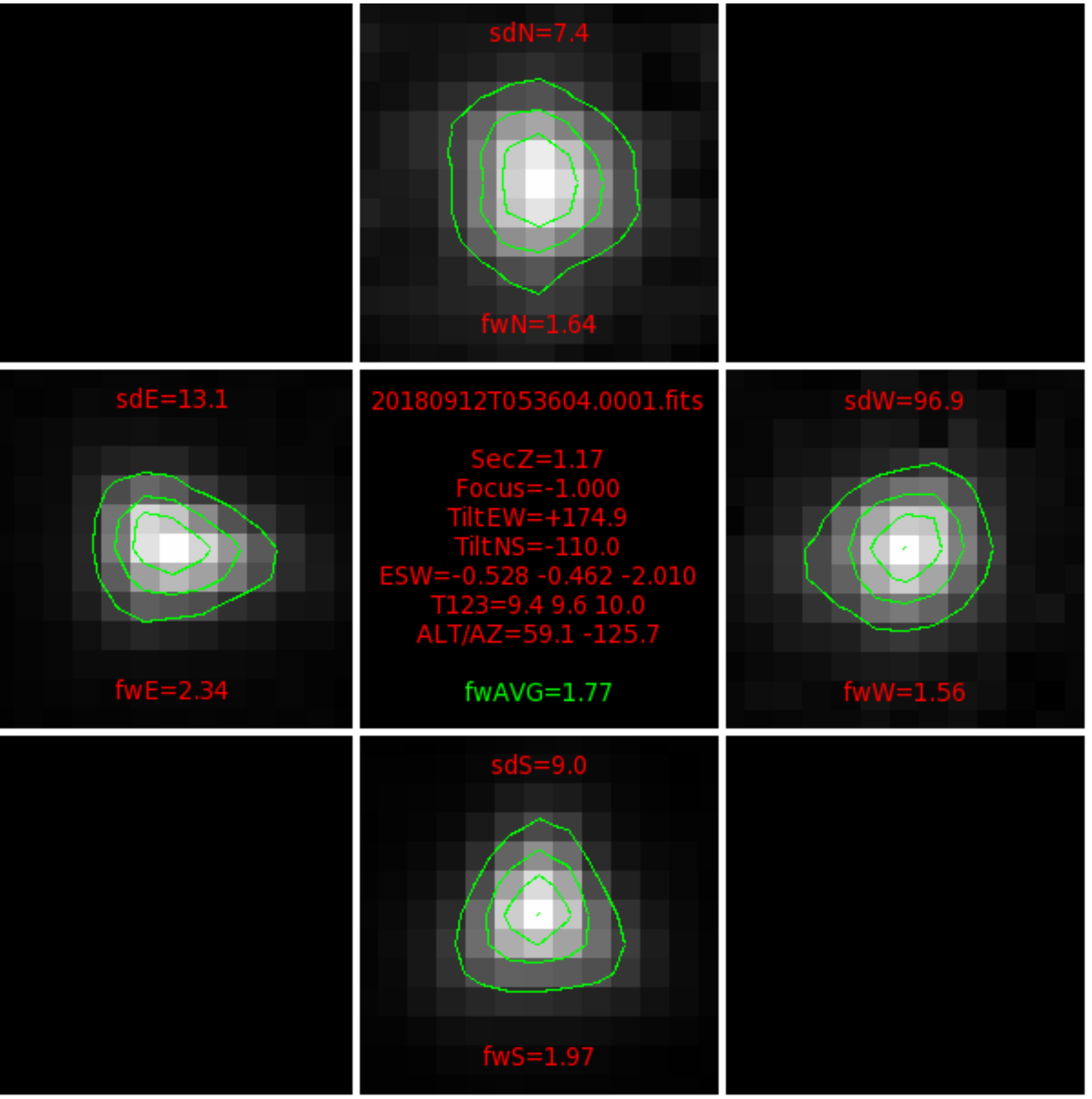
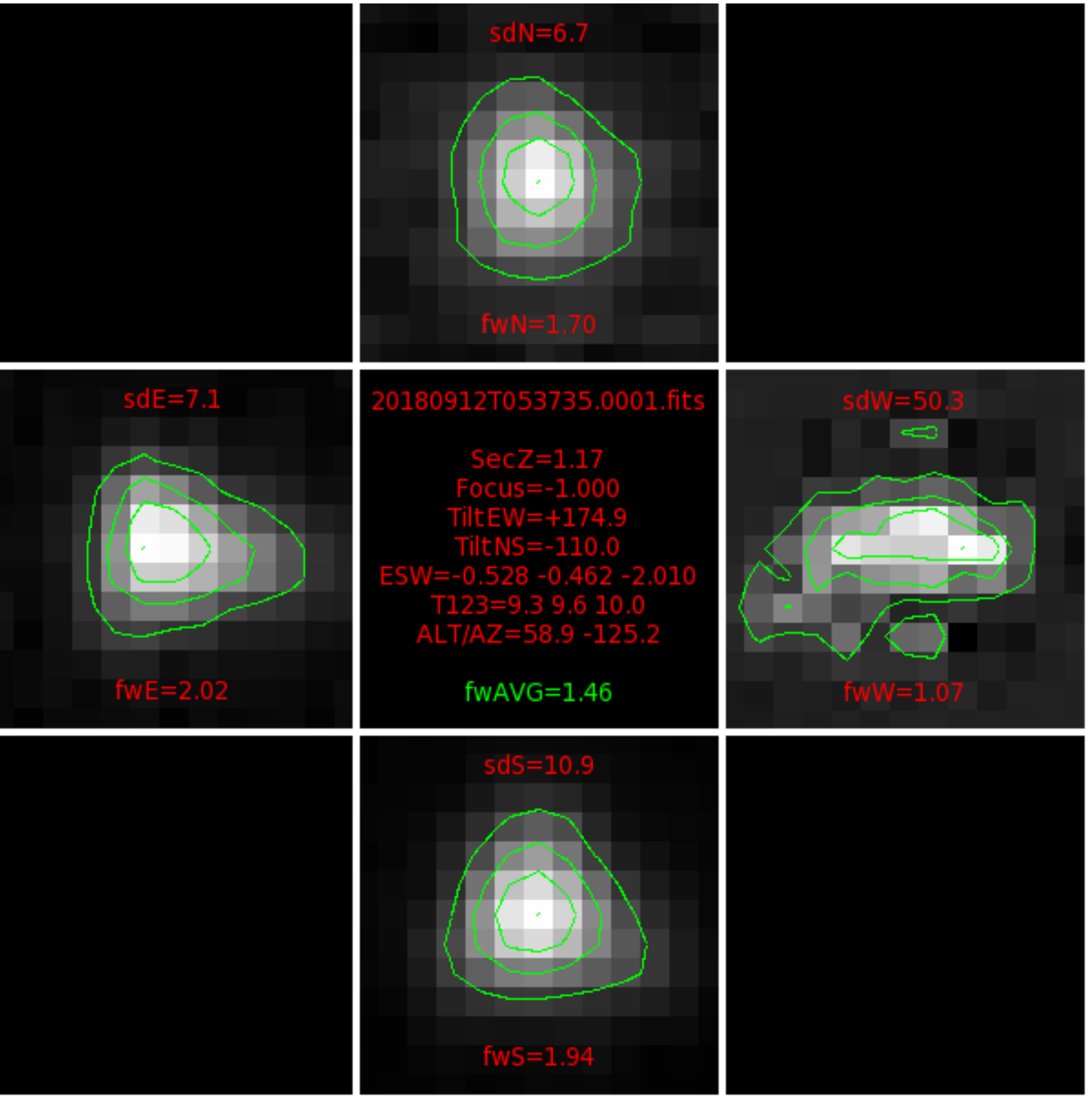

sdN=7.4
fwN=1.64
sdE=13.1
fwE=2.34
20180912T053604.0001.fits
SecZ=1.17
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.6 10.0
ALT/AZ=59.1 -125.7
fwAVG=1.77
sdW=96.9
fwW=1.56
sdS=9.0
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=6.7
fwN=1.70
sdE=7.1
fwE=2.02
20180912T053735.0001.fits
SecZ=1.17
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.3 9.6 10.0
ALT/AZ=58.9 -125.2
fwAVG=1.46
sdW=50.3
fwW=1.07
sdS=10.9
fwS=1.94
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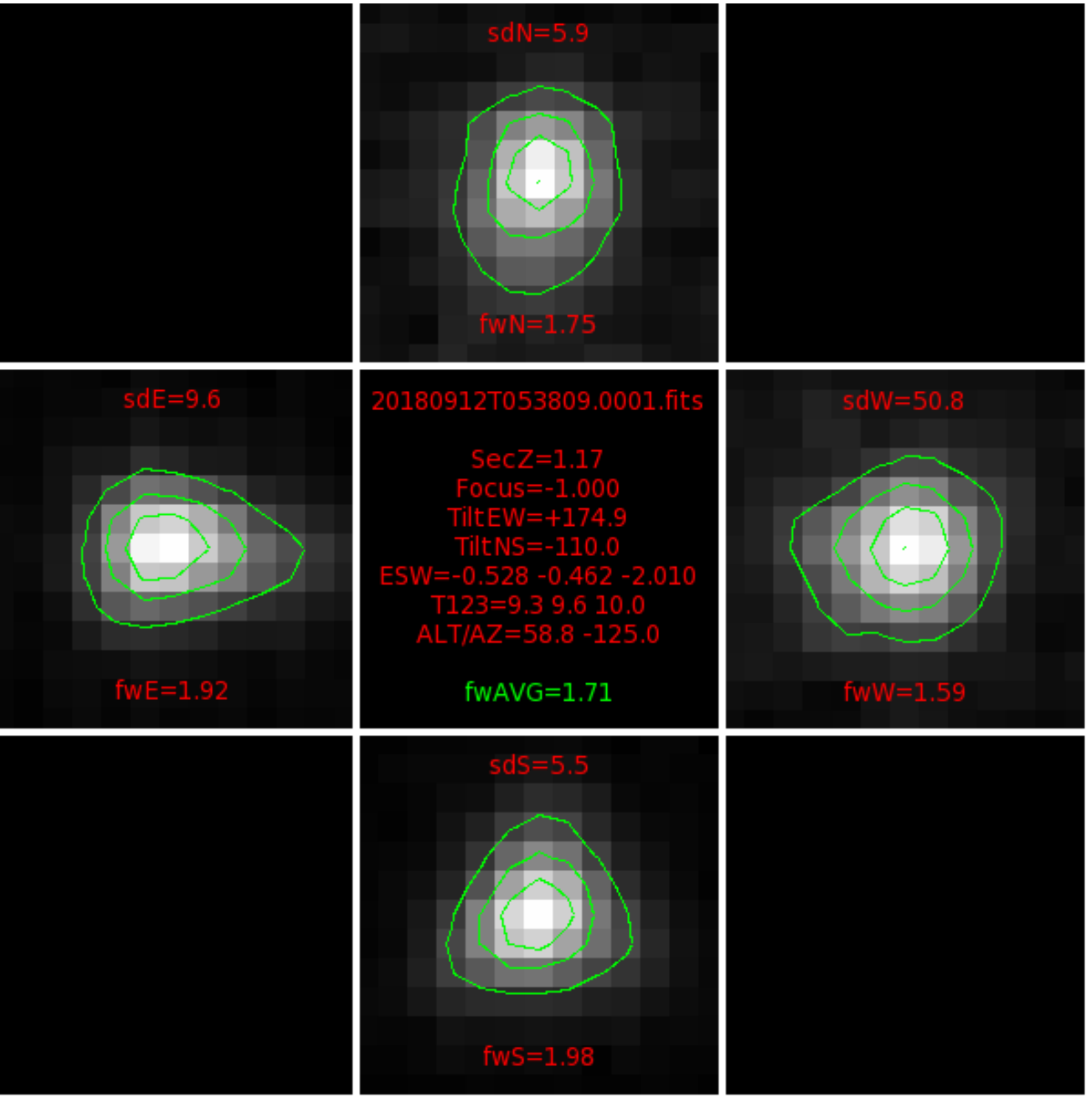
sdN=5.9
fwN=1.75
sdE=9.6
fwE=1.92
20180912T053809.0001.fits
SecZ=1.17
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.3 9.6 10.0
ALT/AZ=58.8 -125.0
fwAVG=1.71
sdW=50.8
fwW=1.59
sdS=5.5
fwS=1.98
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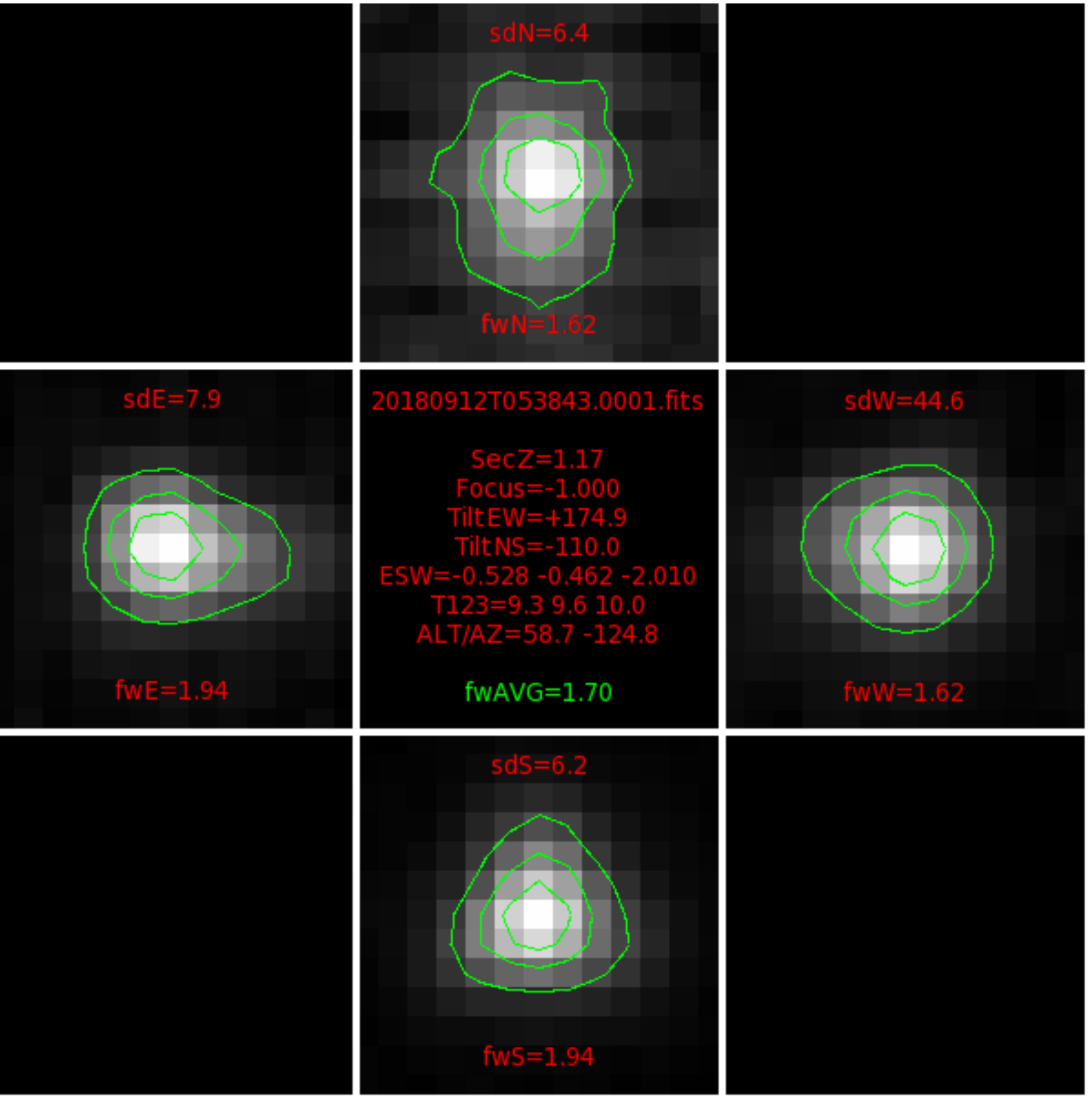
sdN=6.4
fwN=1.62
sdE=7.9
fwE=1.94
20180912T053843.0001.fits
SecZ=1.17
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.3 9.6 10.0
ALT/AZ=58.7 -124.8
fwAVG=1.70
sdW=44.6
fwW=1.62
sdS=6.2
fwS=1.94
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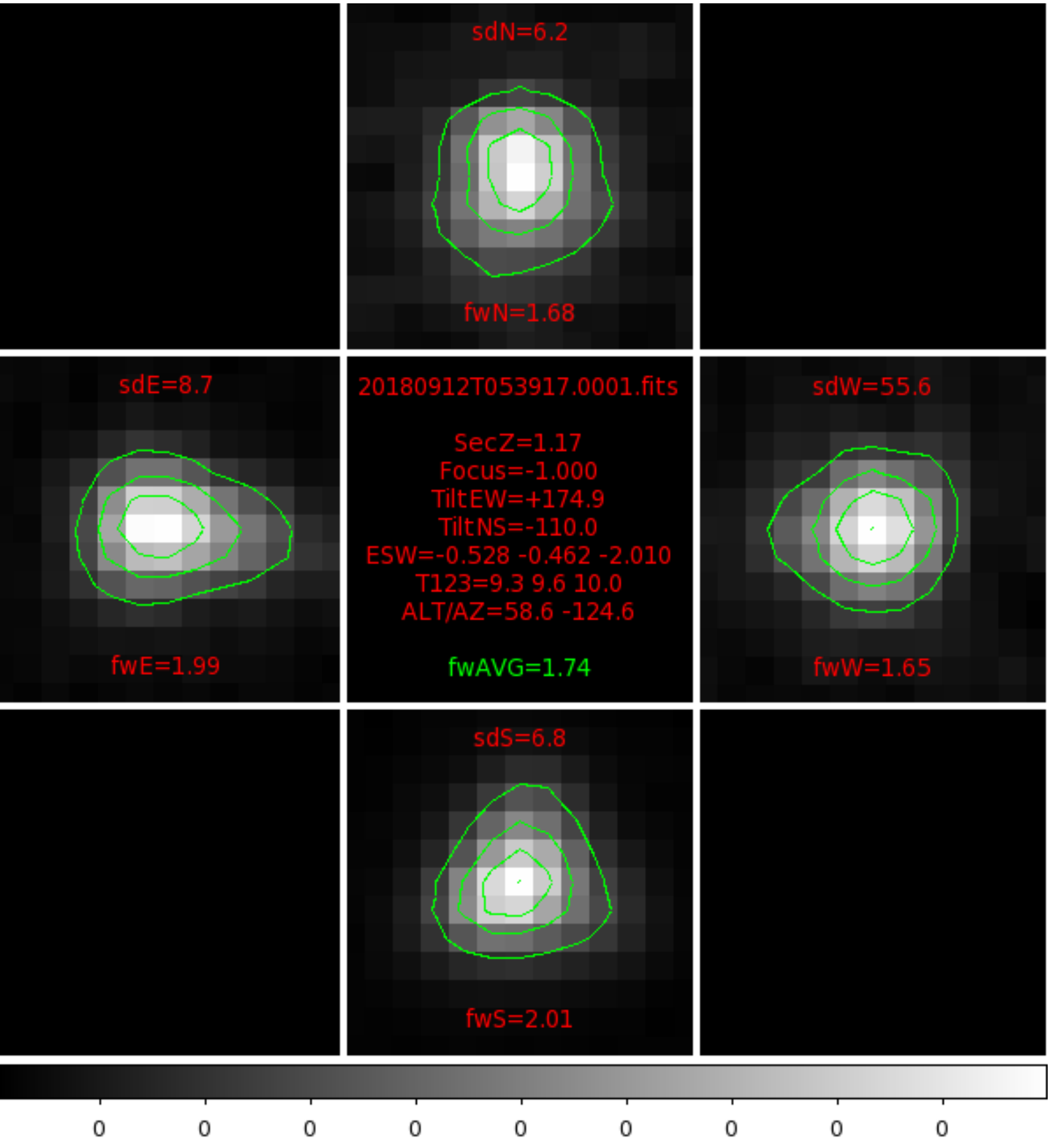
sdN=6.2
fwN=1.68
sdE=8.7
fwE=1.99
20180912T053917.0001.fits
SecZ=1.17
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.3 9.6 10.0
ALT/AZ=58.6 -124.6
fwAVG=1.74
sdW=55.6
fwW=1.65
sdS=6.8
fwS=2.01
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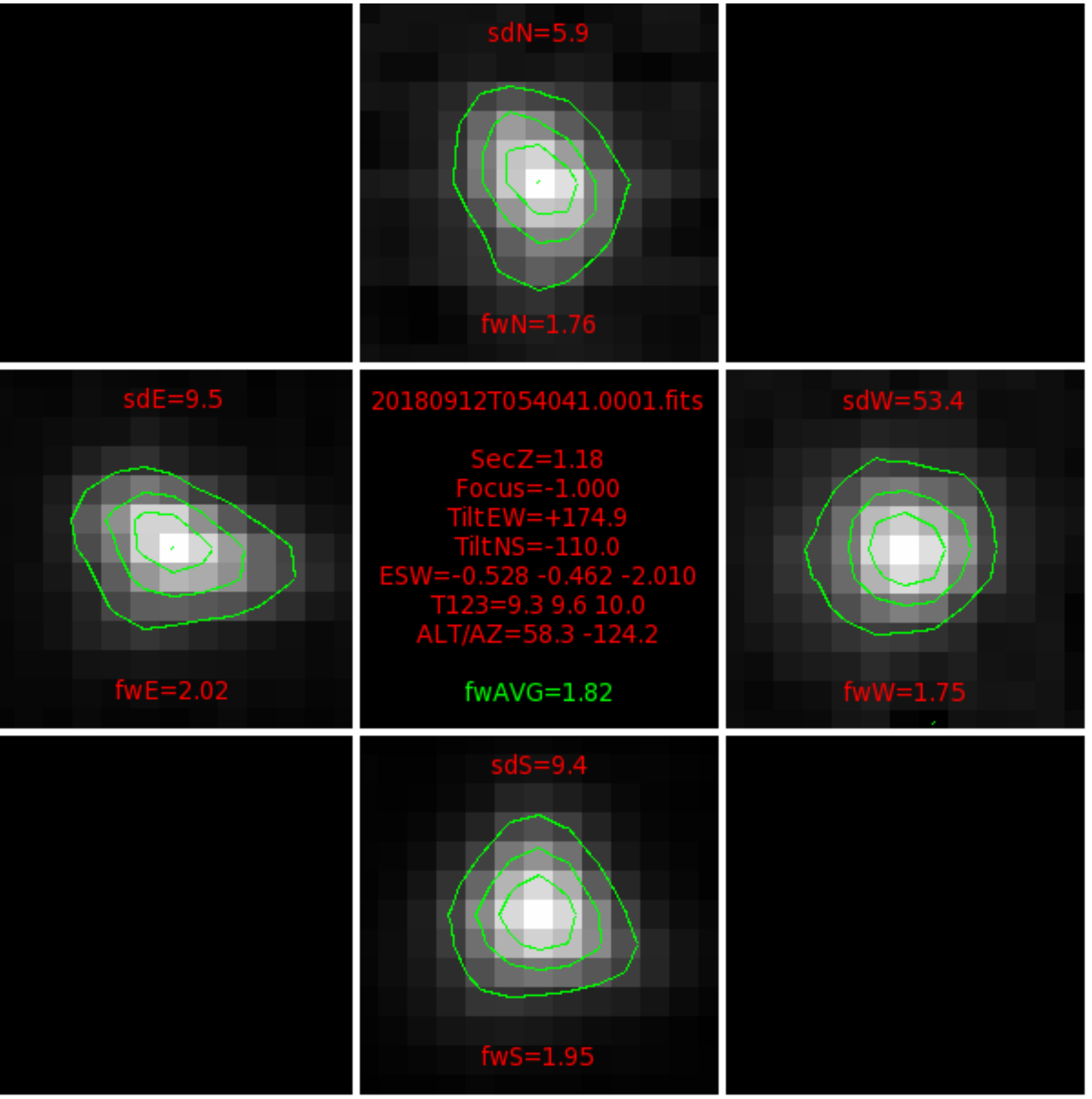
sdN=5.9
fwN=1.76
sdE=9.5
fwE=2.02
20180912T054041.0001.fits
SecZ=1.18
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.3 9.6 10.0
ALT/AZ=58.3 -124.2
fwAVG=1.82
sdW=53.4
fwW=1.75
sdS=9.4
fwS=1.95
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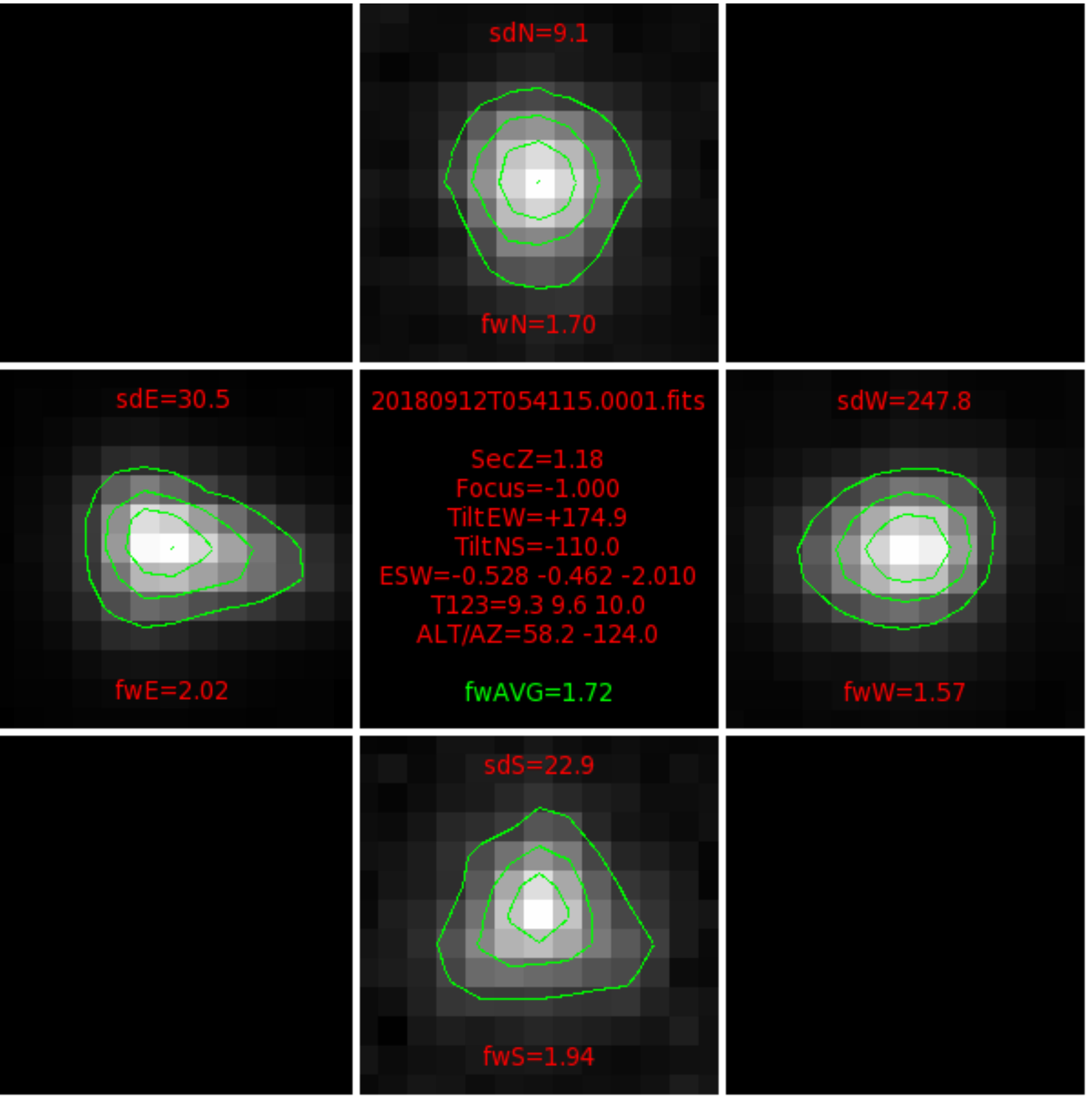
sdN=9.1
fwN=1.70
sdE=30.5
20180912T054115.0001.fits
SecZ=1.18
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.3 9.6 10.0
ALT/AZ=58.2 -124.0
fwAVG=1.72
sdW=247.8
fwE=2.02
fwW=1.57
sdS=22.9
fwS=1.94
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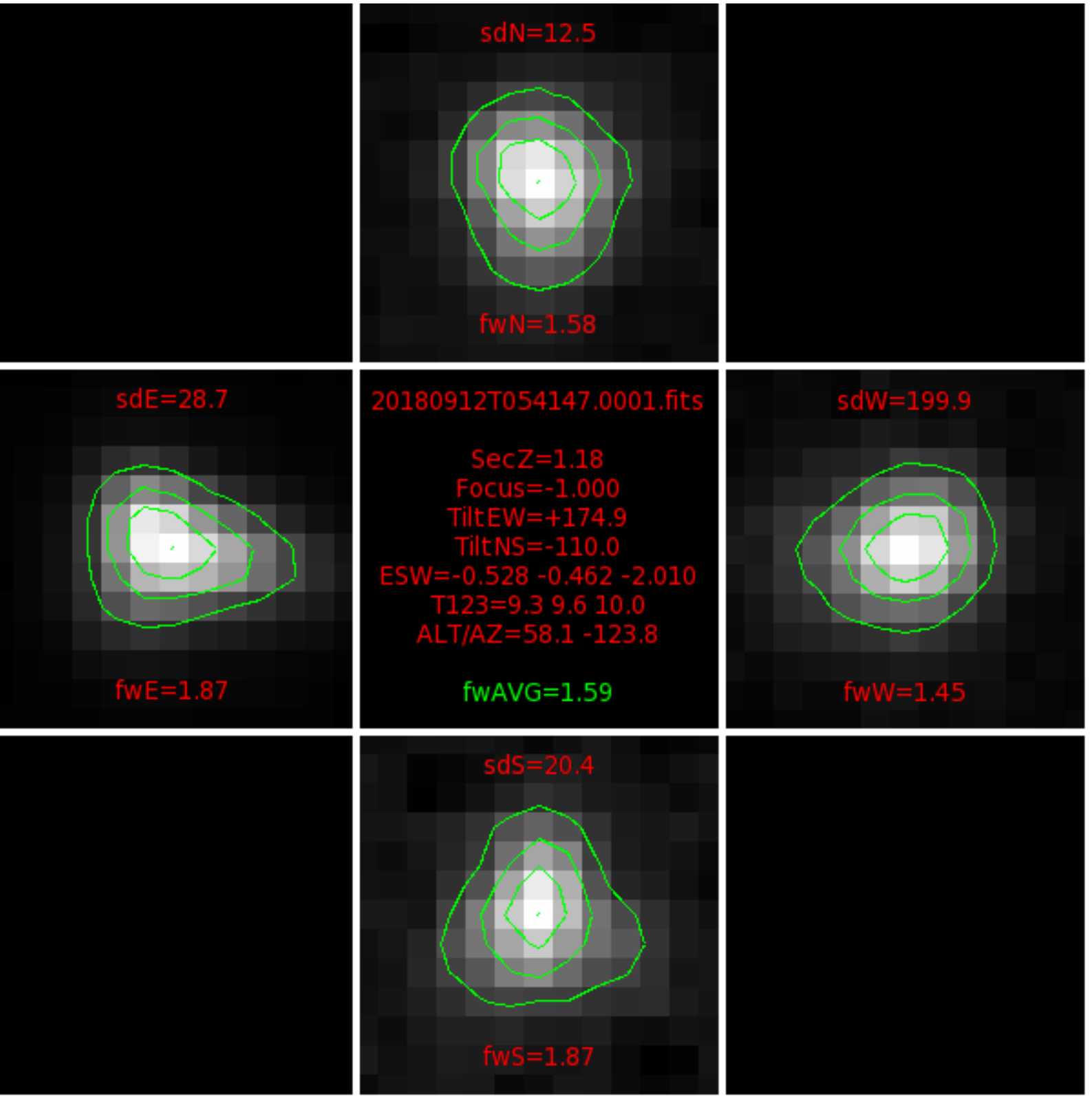
sdN=12.5
fwN=1.58
sdE=28.7
fwE=1.87
20180912T054147.0001.fits
SecZ=1.18
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.3 9.6 10.0
ALT/AZ=58.1 -123.8
fwAVG=1.59
sdW=199.9
fwW=1.45
sdS=20.4
fwS=1.87
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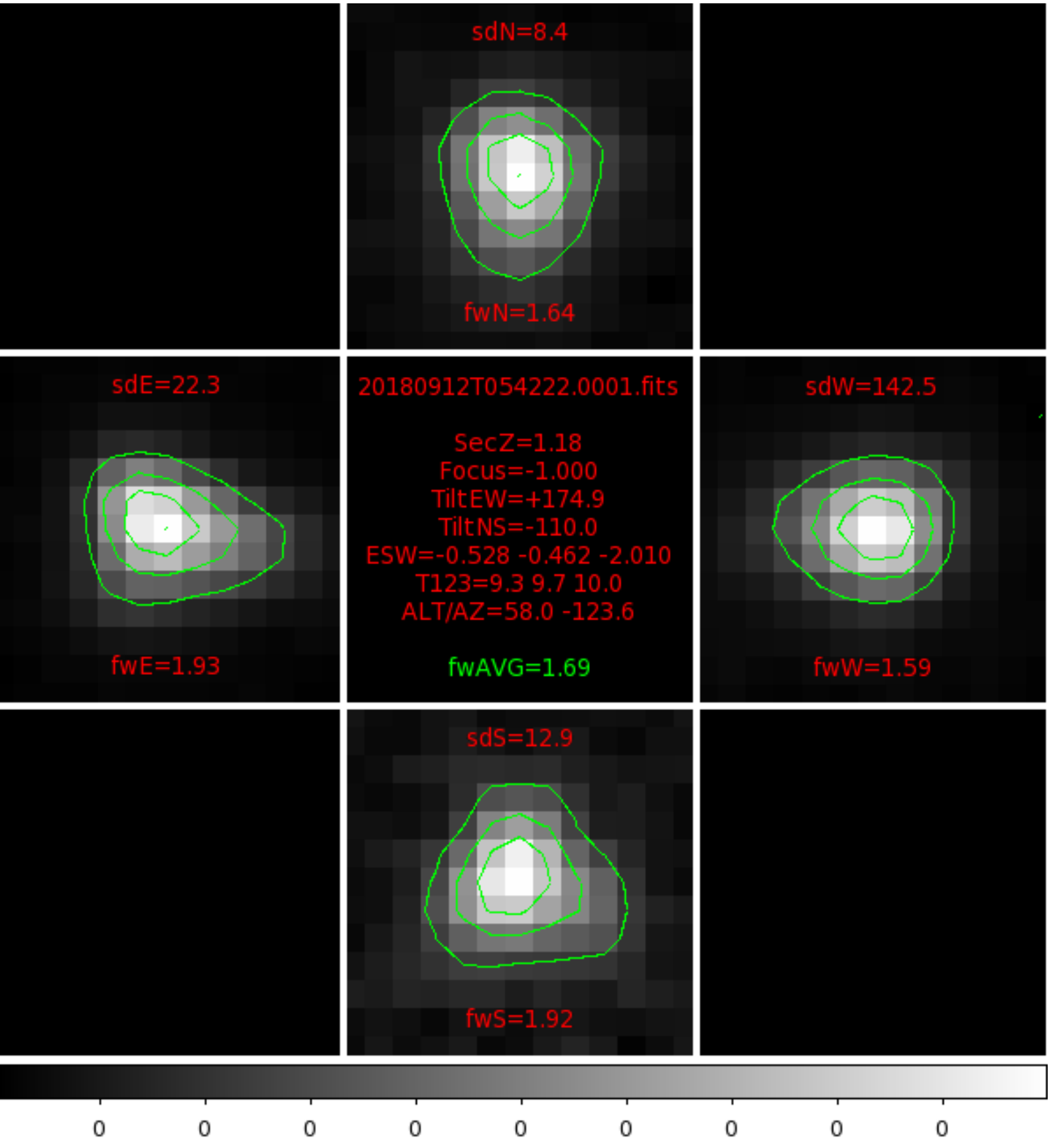
sdN=8.4
fwN=1.64
sdE=22.3
fwE=1.93
20180912T054222.0001.fits
SecZ=1.18
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.3 9.7 10.0
ALT/AZ=58.0 -123.6
fwAVG=1.69
sdW=142.5
fwW=1.59
sdS=12.9
fwS=1.92
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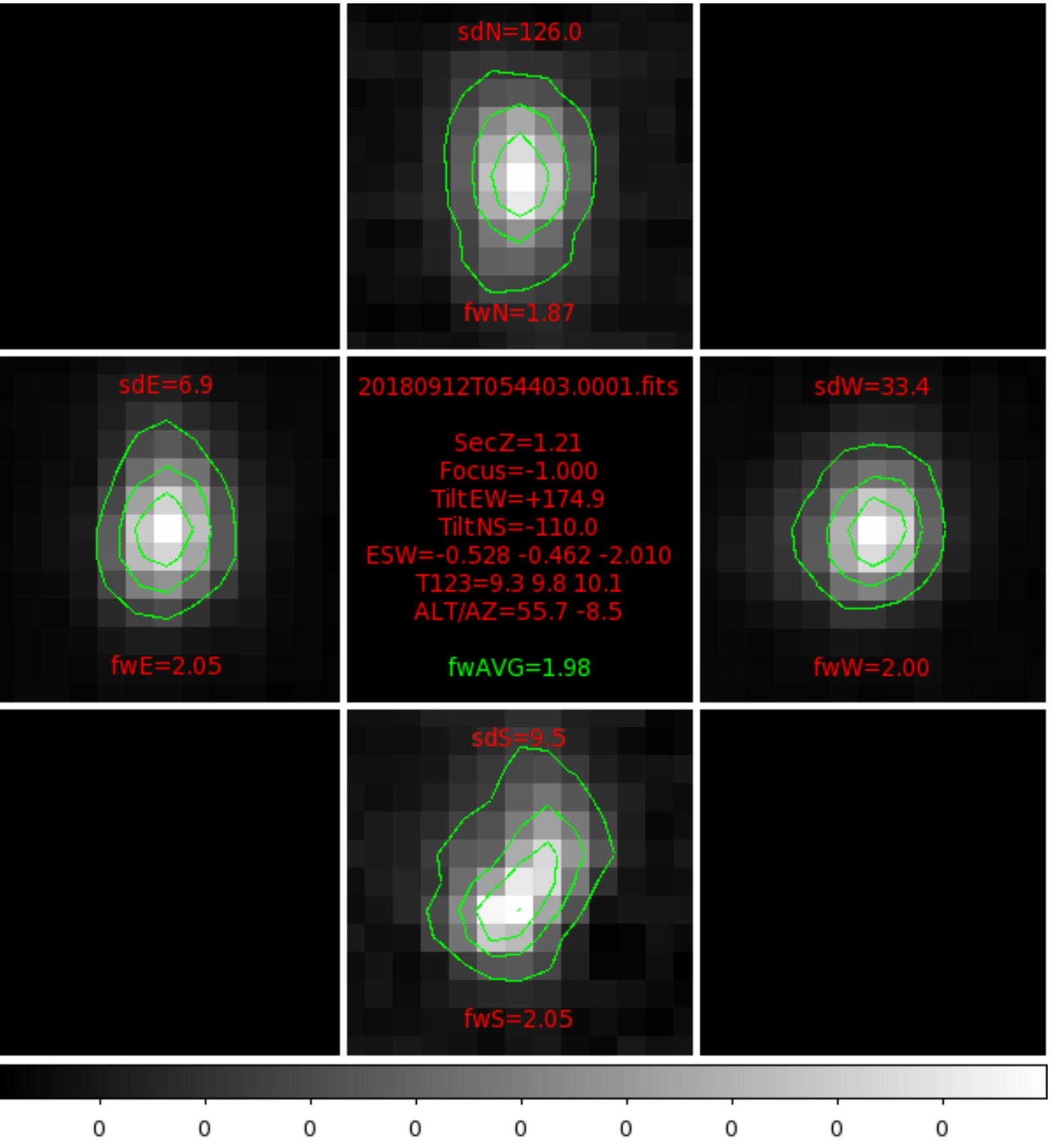
sdN=126.0
fwN=1.87
sdE=6.9
fwE=2.05
20180912T054403.0001.fits
SecZ=1.21
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.3 9.8 10.1
ALT/AZ=55.7 -8.5
fwAVG=1.98
sdW=33.4
fwW=2.00
sdS=9.5
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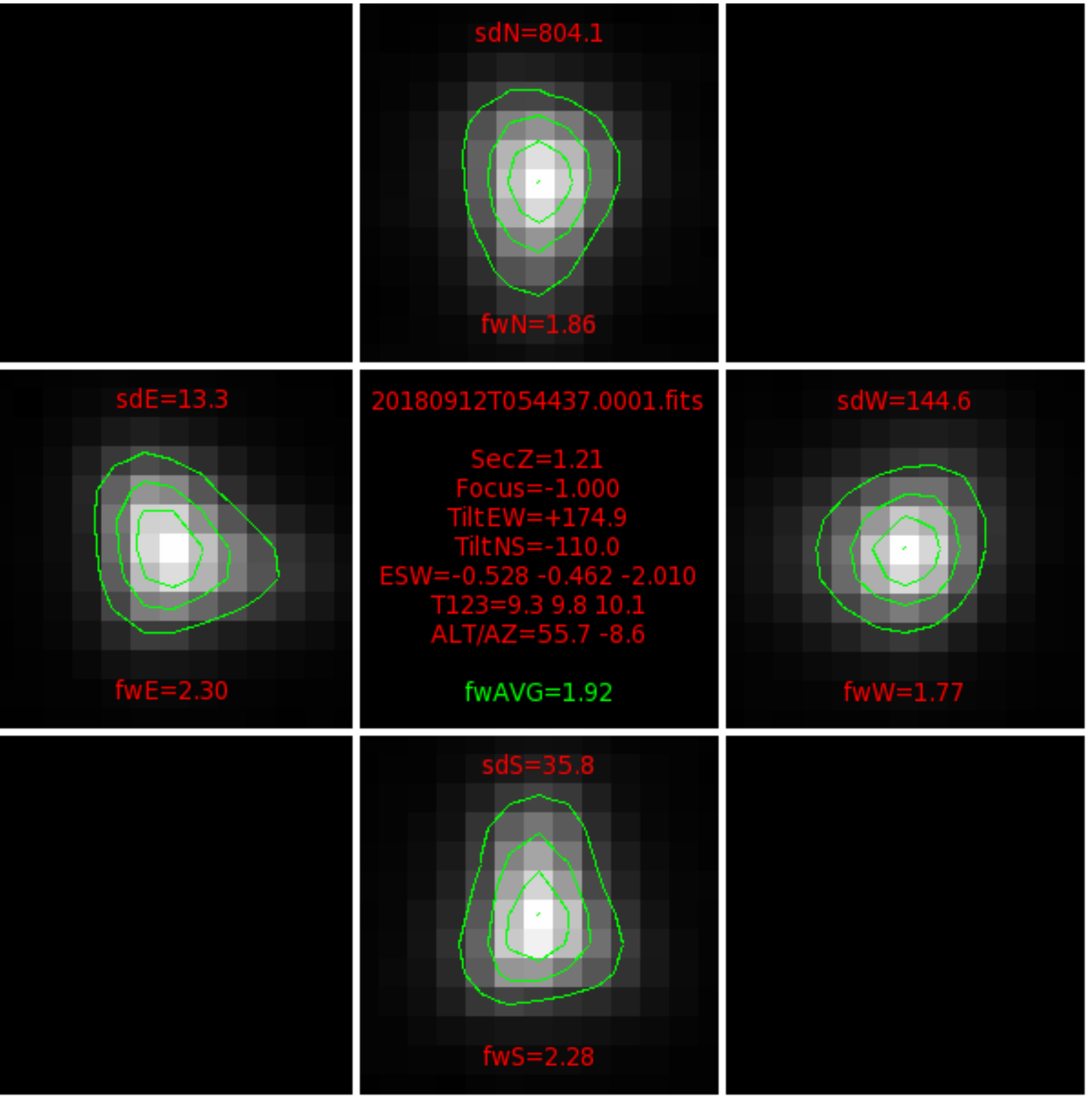
sdN=804.1
fwN=1.86
sdE=13.3
fwE=2.30
20180912T054437.0001.fits
SecZ=1.21
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.3 9.8 10.1
ALT/AZ=55.7 -8.6
fwAVG=1.92
sdW=144.6
fwW=1.77
sdS=35.8
fwS=2.28
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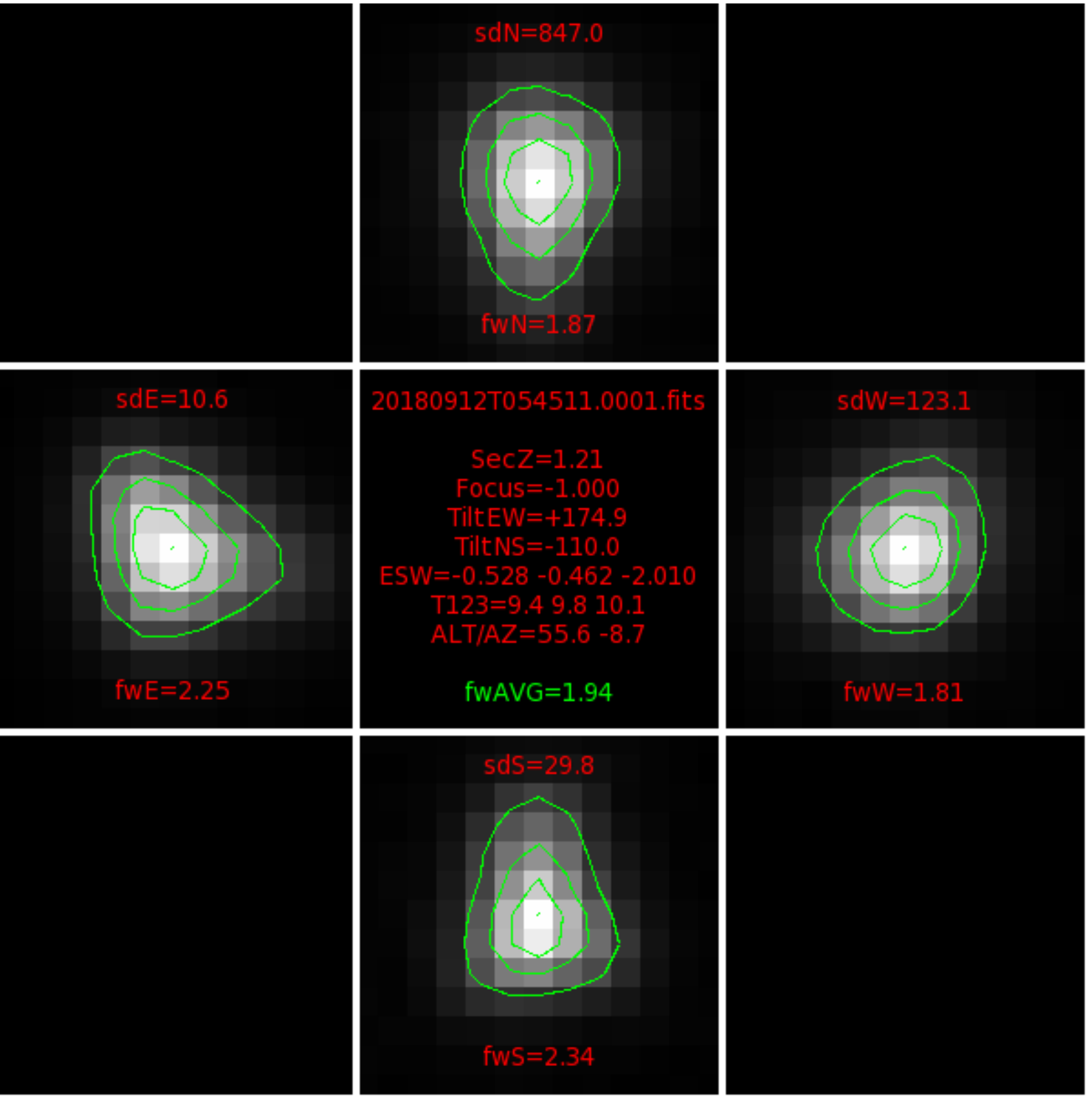
sdN=847.0
fwN=1.87
sdE=10.6
fwE=2.25
20180912T054511.0001.fits
SecZ=1.21
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.8 10.1
ALT/AZ=55.6 -8.7
fwAVG=1.94
sdW=123.1
fwW=1.81
sdS=29.8
fwS=2.34
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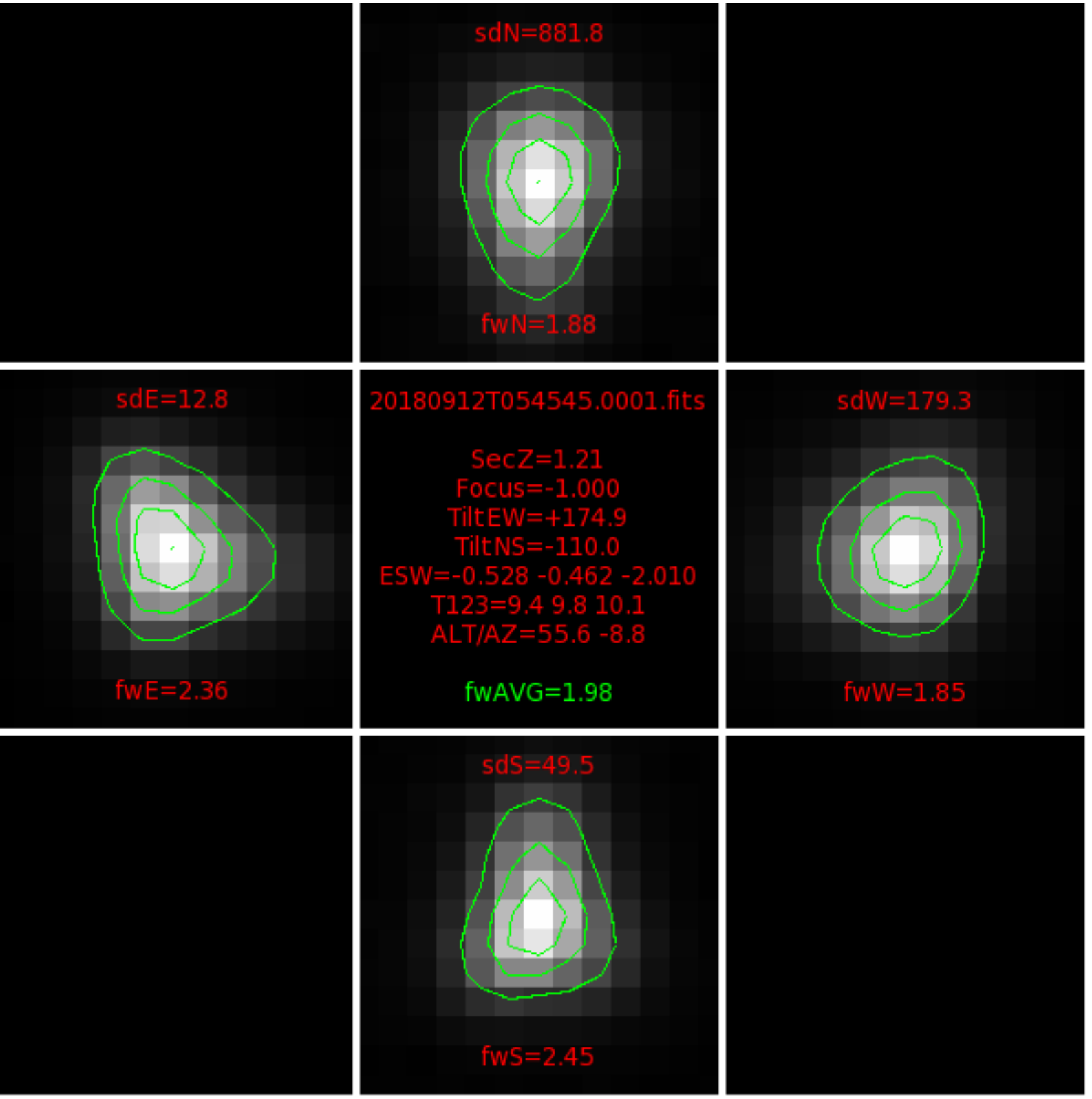
sdN=881.8
fwN=1.88
sdE=12.8
fwE=2.36
20180912T054545.0001.fits
SecZ=1.21
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=9.4 9.8 10.1
ALT/AZ=55.6 -8.8
fwAVG=1.98
sdW=179.3
fwW=1.85
sdS=49.5
fwS=2.45
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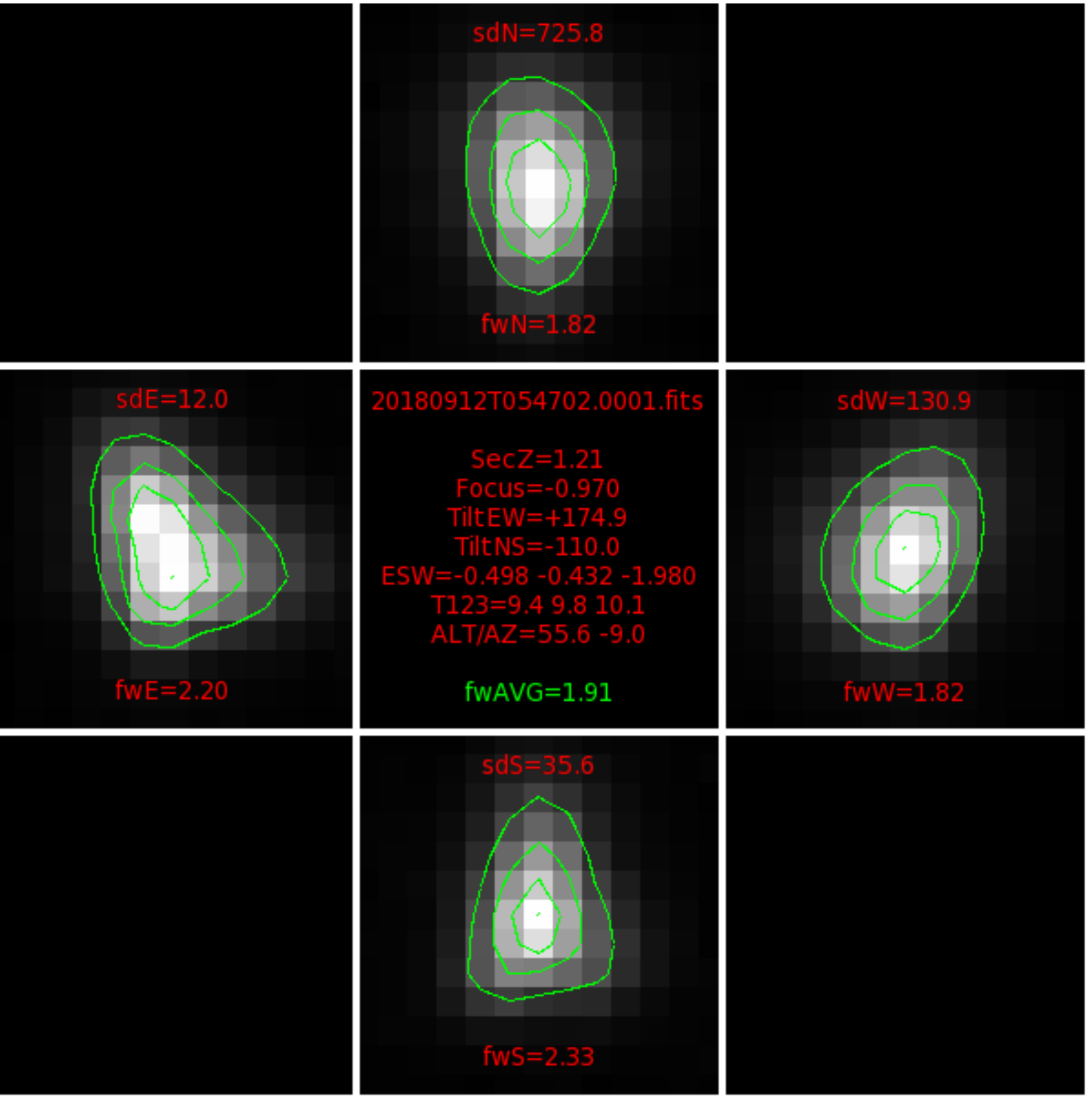
sdN=725.8
fwN=1.82
sdE=12.0
fwE=2.20
20180912T054702.0001.fits
SecZ=1.21
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.8 10.1
ALT/AZ=55.6 -9.0
fwAVG=1.91
sdW=130.9
fwW=1.82
sdS=35.6
fwS=2.33
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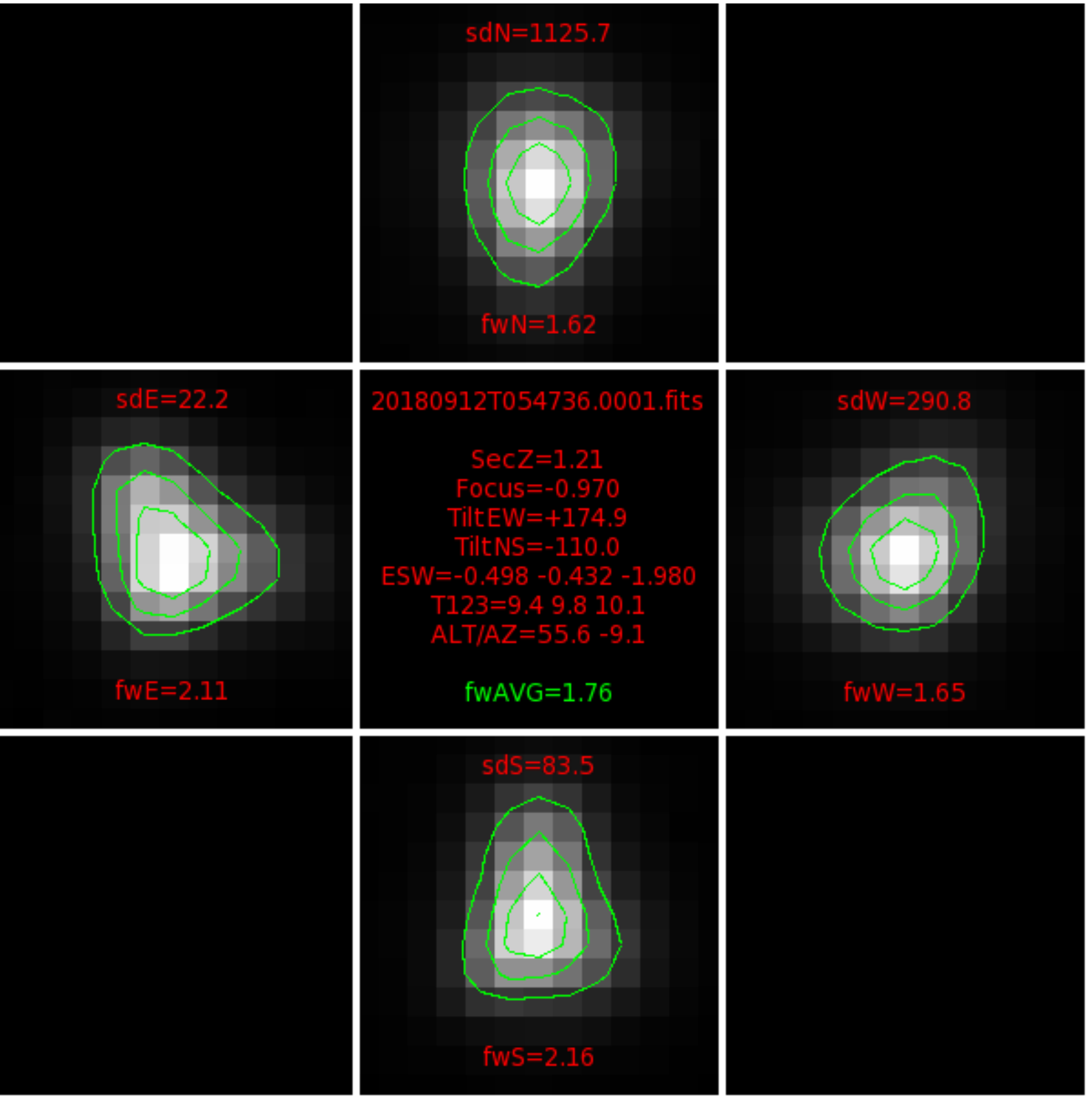
sdN=1125.7
fwN=1.62
sdE=22.2
fwE=2.11
20180912T054736.0001.fits
SecZ=1.21
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.8 10.1
ALT/AZ=55.6 -9.1
fwAVG=1.76
sdW=290.8
fwW=1.65
sdS=83.5
fwS=2.16
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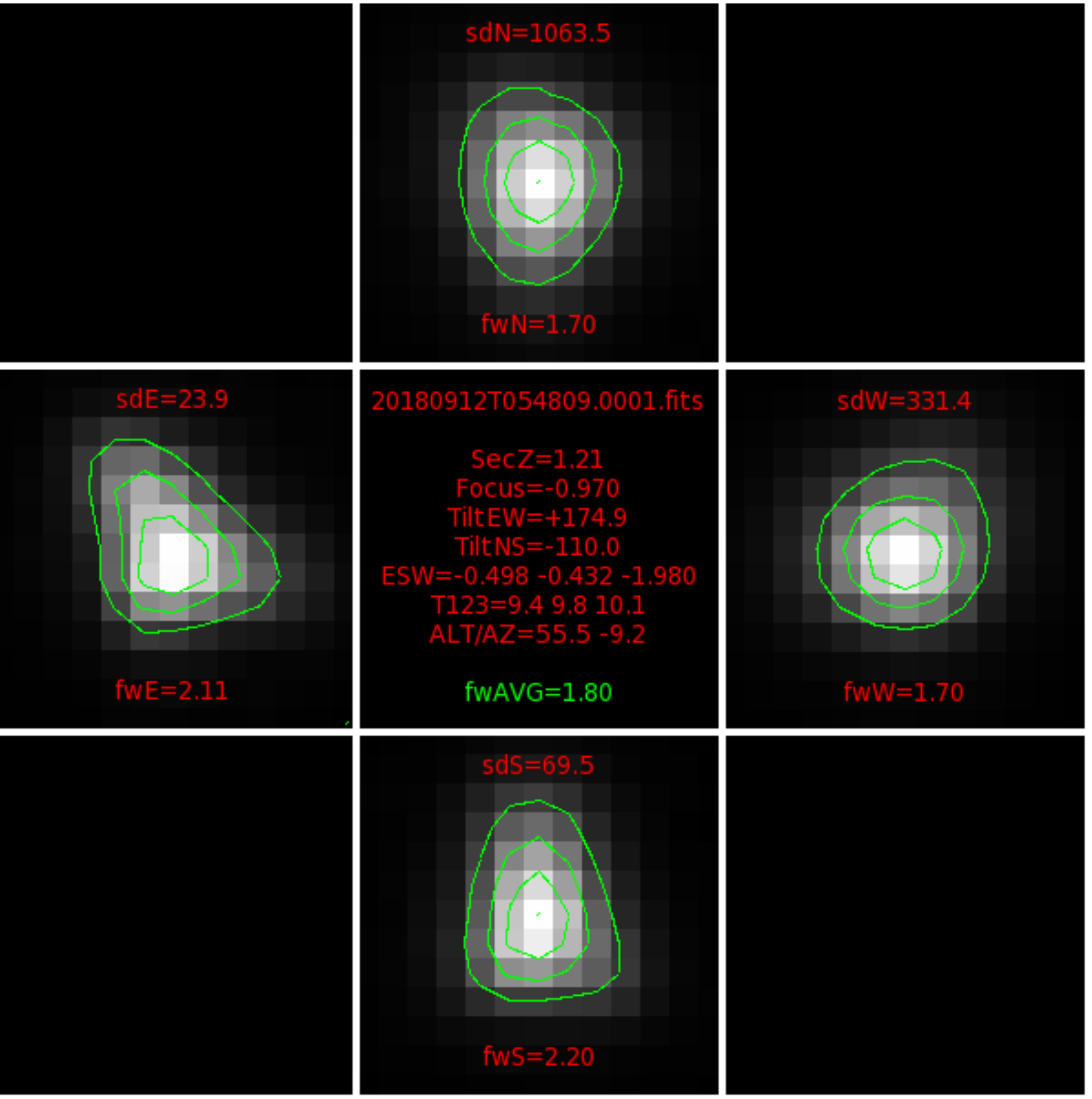
sdN=1063.5
fwN=1.70
sdE=23.9
fwE=2.11
20180912T054809.0001.fits
SecZ=1.21
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.8 10.1
ALT/AZ=55.5 -9.2
fwAVG=1.80
sdW=331.4
fwW=1.70
sdS=69.5
fwS=2.20
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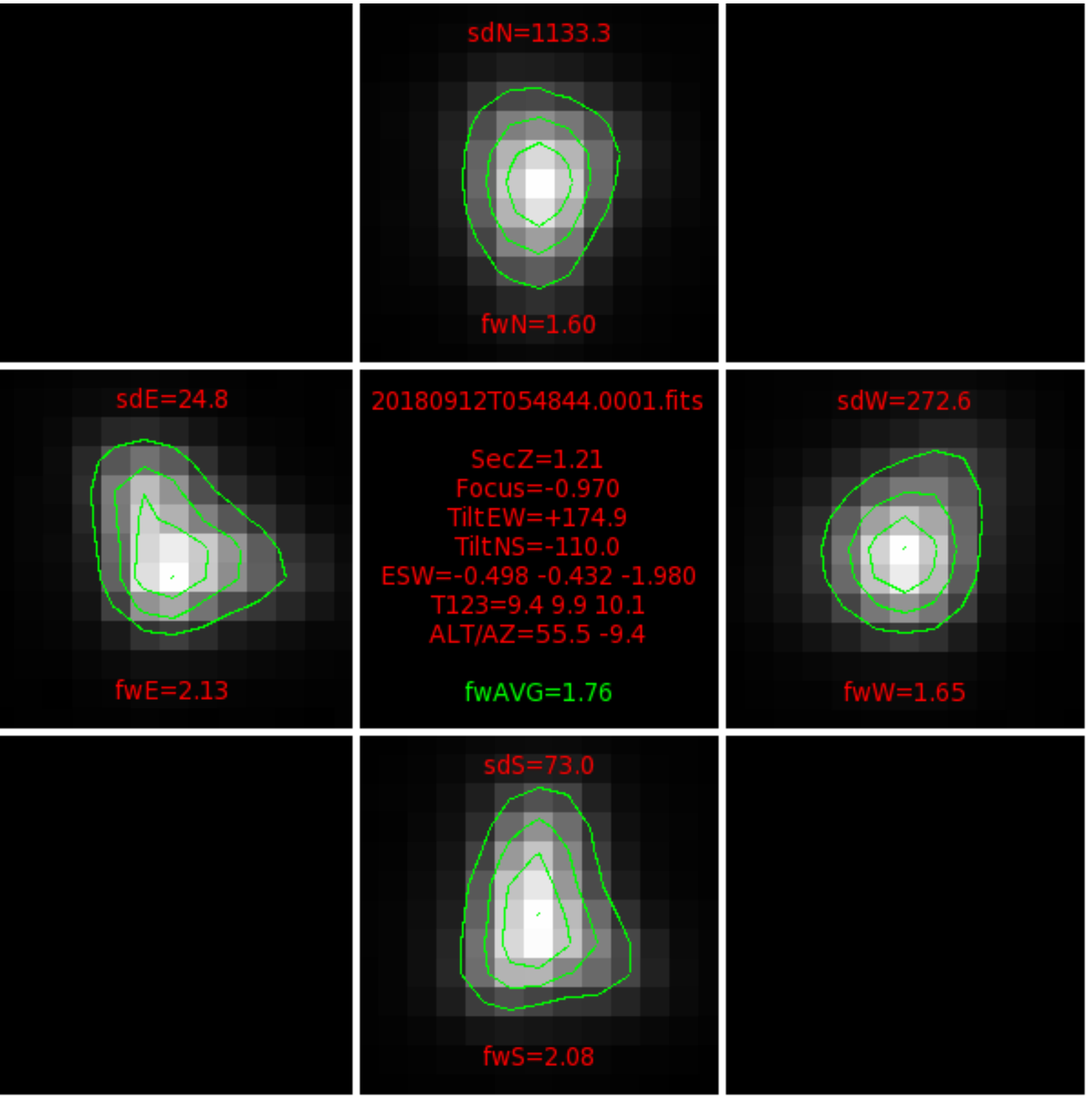
sdN=1133.3
fwN=1.60
sdE=24.8
fwE=2.13
20180912T054844.0001.fits
SecZ=1.21
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.9 10.1
ALT/AZ=55.5 -9.4
fwAVG=1.76
sdW=272.6
fwW=1.65
sdS=73.0
fwS=2.08
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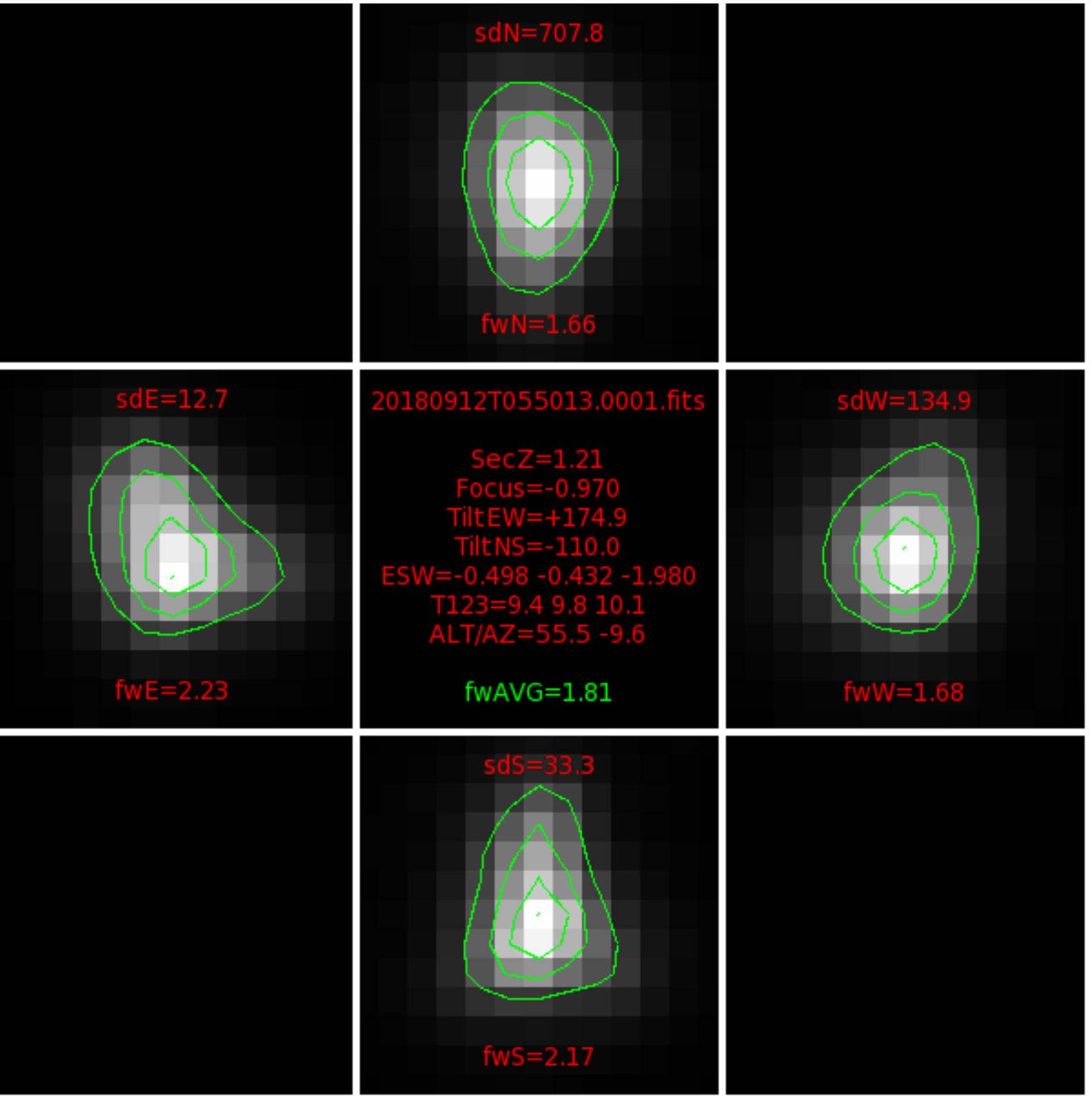
sdN=707.8
fwN=1.66
sdE=12.7
fwE=2.23
20180912T055013.0001.fits
SecZ=1.21
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.8 10.1
ALT/AZ=55.5 -9.6
fwAVG=1.81
sdW=134.9
fwW=1.68
sdS=33.3
fwS=2.17
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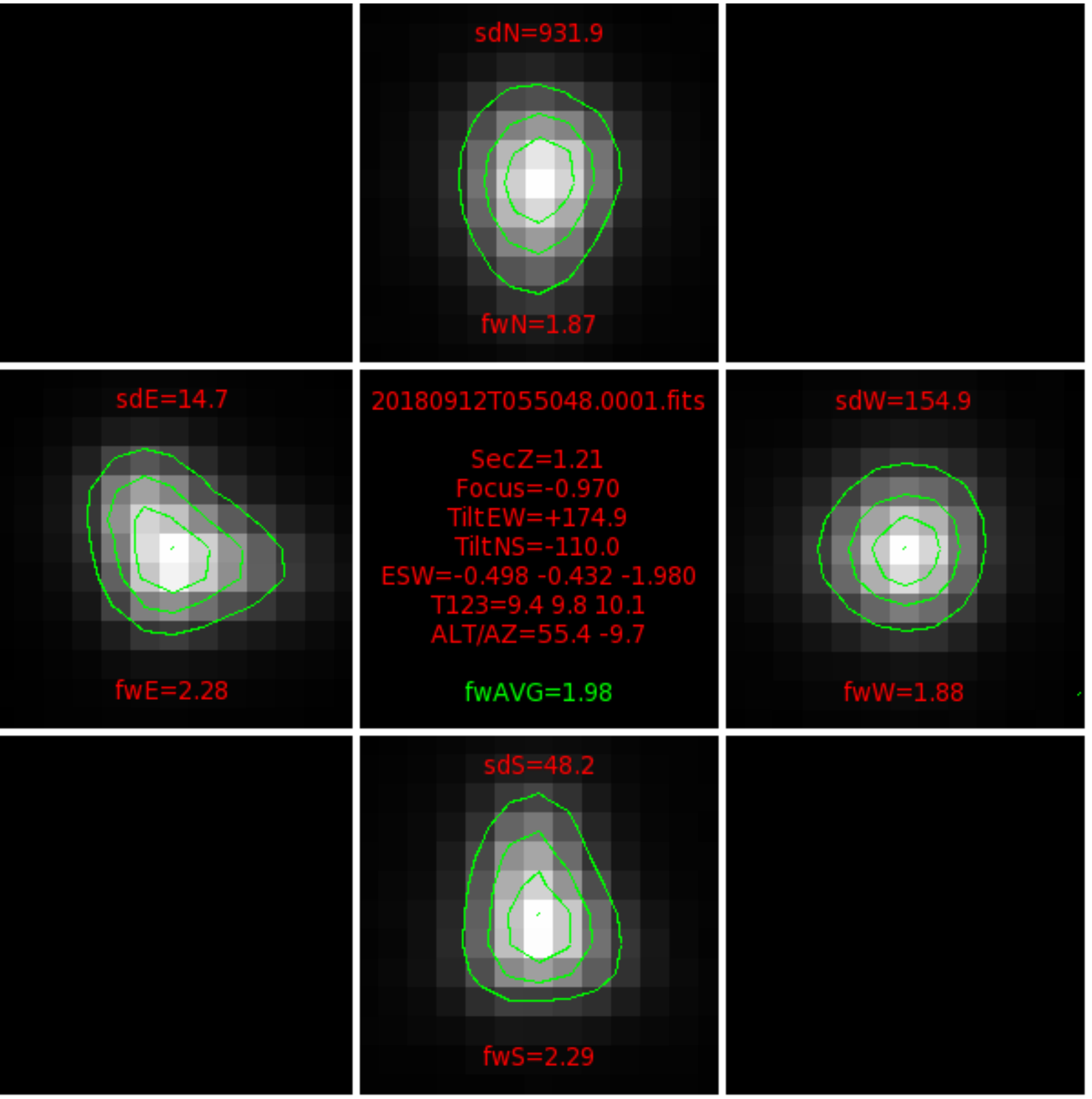
sdN=931.9
fwN=1.87
sdE=14.7
fwE=2.28
20180912T055048.0001.fits
SecZ=1.21
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.8 10.1
ALT/AZ=55.4 -9.7
fwAVG=1.98
sdW=154.9
fwW=1.88
sdS=48.2
fwS=2.29
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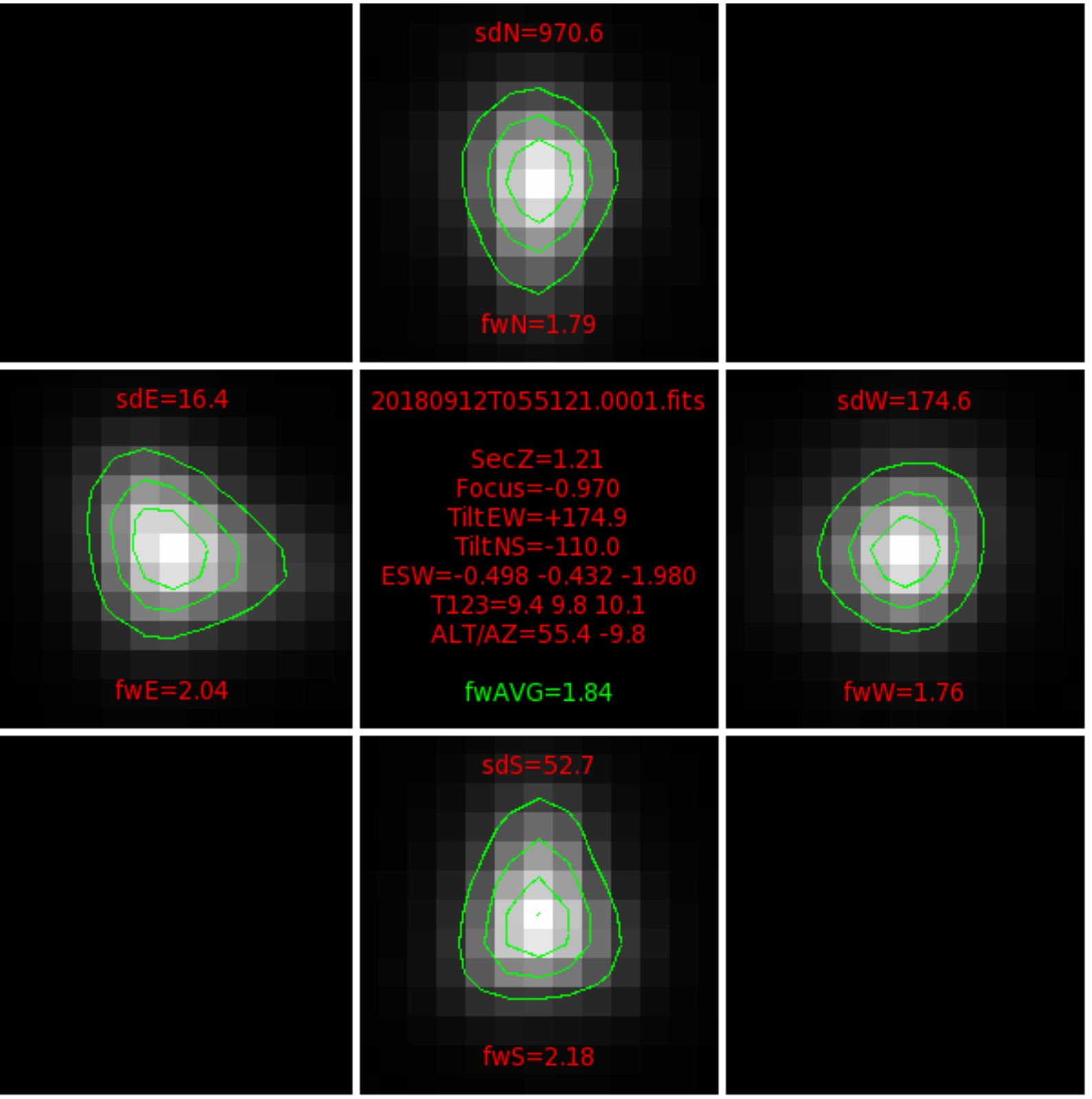
sdN=970.6
fwN=1.79
sdE=16.4
fwE=2.04
20180912T055121.0001.fits
SecZ=1.21
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.8 10.1
ALT/AZ=55.4 -9.8
fwAVG=1.84
sdW=174.6
fwW=1.76
sdS=52.7
fwS=2.18
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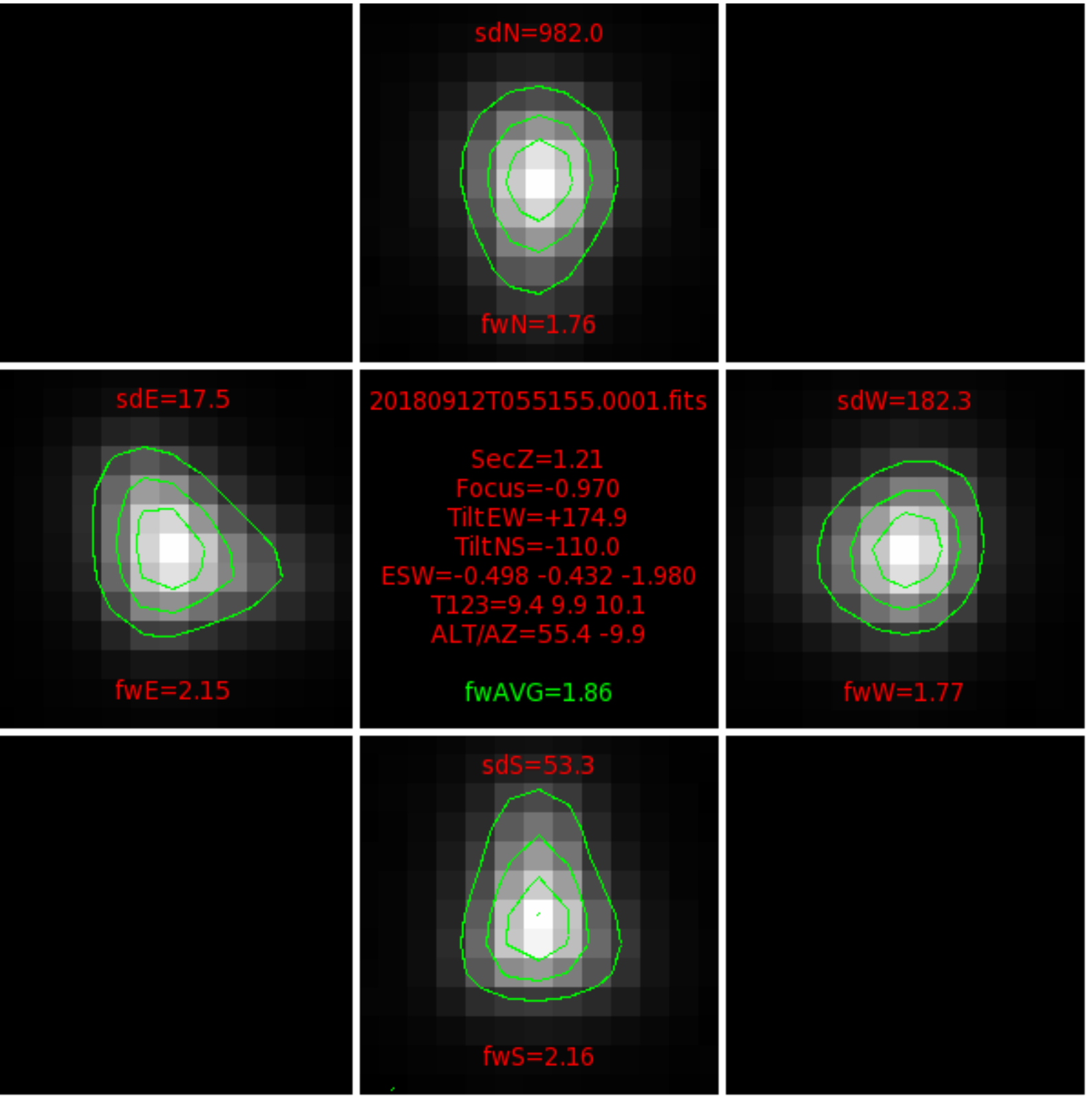
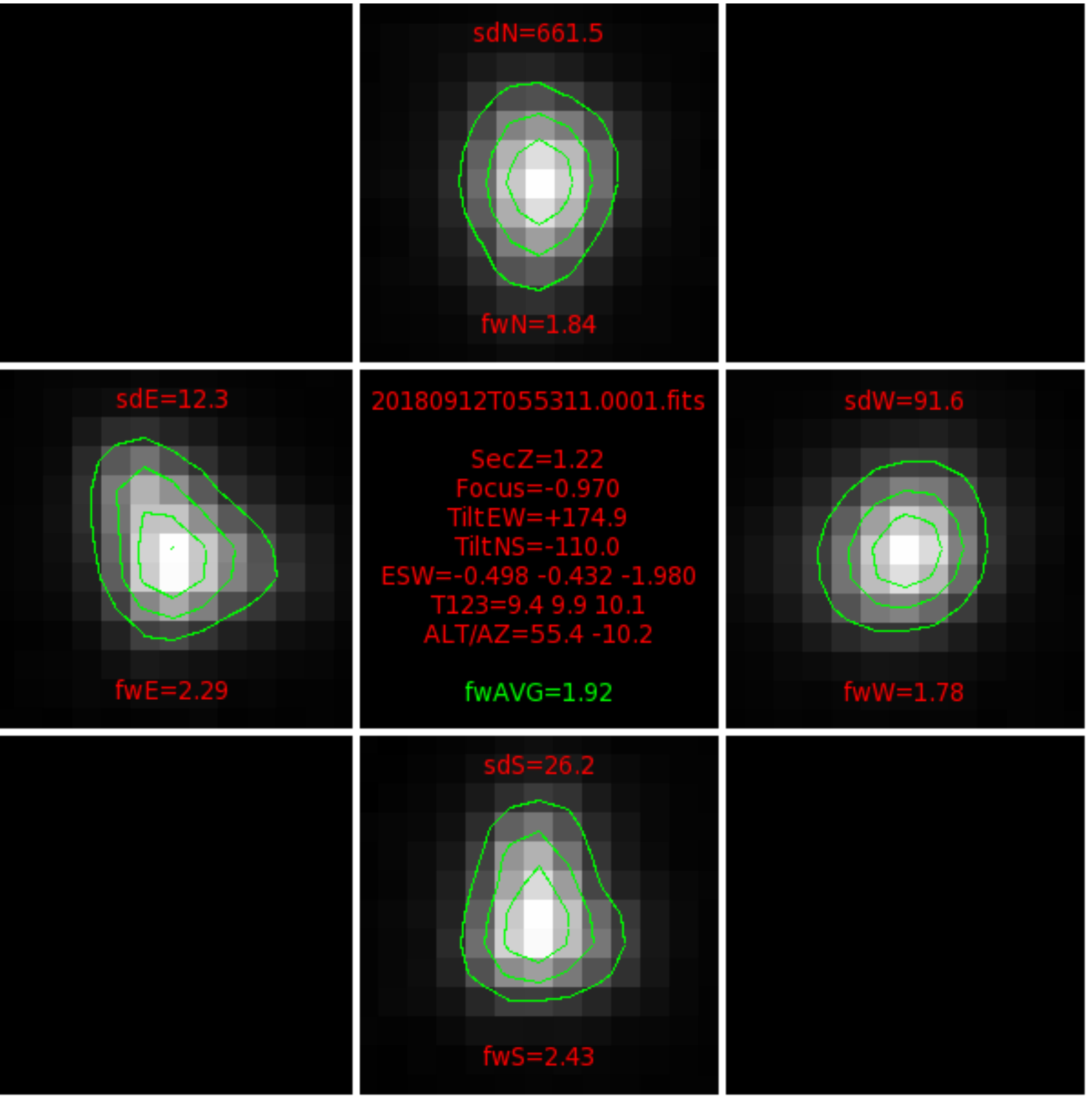

sdN=982.0
fwN=1.76
sdE=17.5
fwE=2.15
20180912T055155.0001.fits
SecZ=1.21
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.9 10.1
ALT/AZ=55.4 -9.9
fwAVG=1.86
sdW=182.3
fwW=1.77
sdS=53.3
fwS=2.16
0 0 0 0 0 0 0 0 0


sdN=661.5
fwN=1.84
sdE=12.3
fwE=2.29
20180912T055311.0001.fits
SecZ=1.22
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.9 10.1
ALT/AZ=55.4 -10.2
fwAVG=1.92
sdW=91.6
fwW=1.78
sdS=26.2
fwS=2.43
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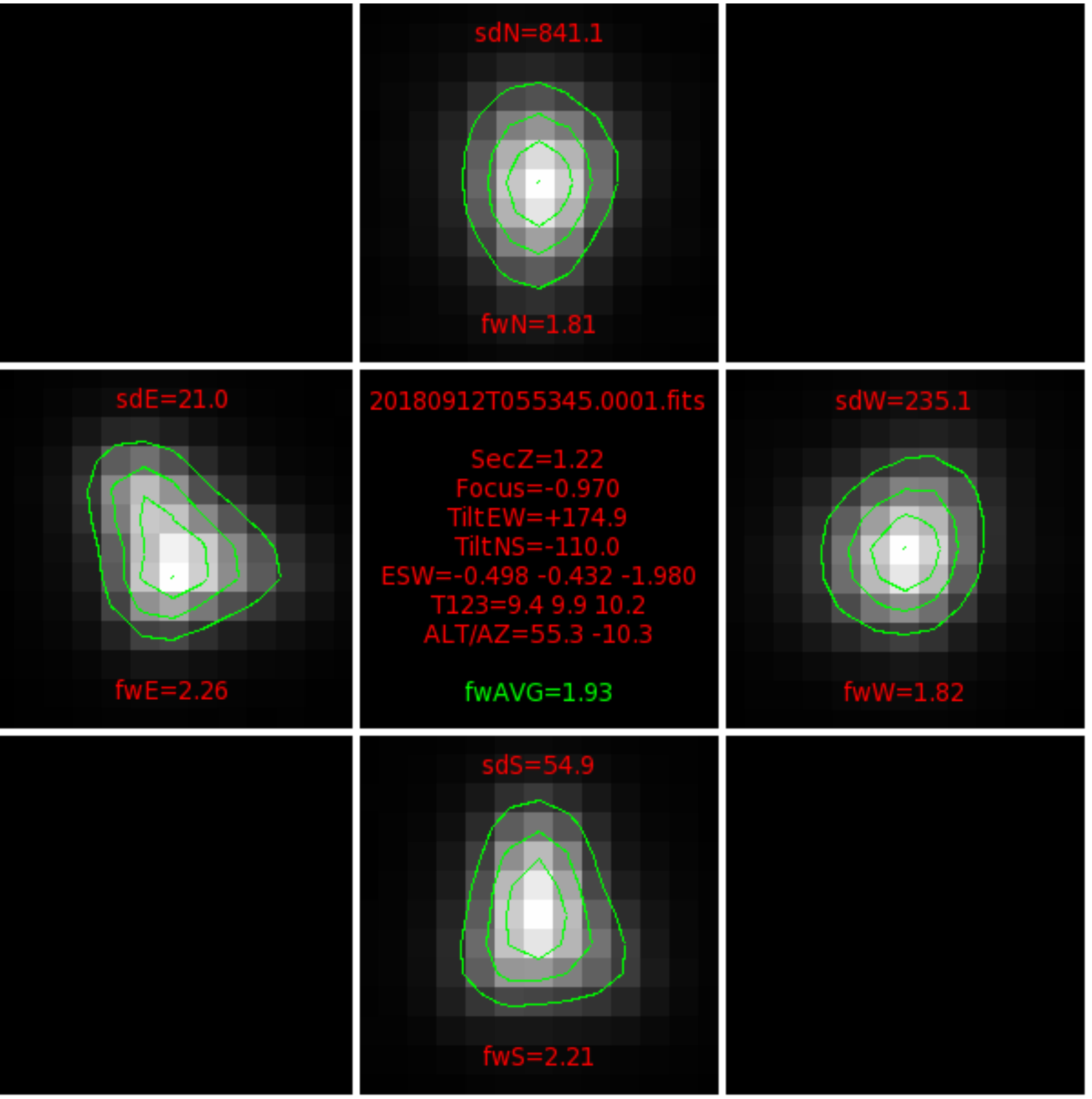
sdN=841.1
fwN=1.81
sdE=21.0
fwE=2.26
20180912T055345.0001.fits
SecZ=1.22
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.9 10.2
ALT/AZ=55.3 -10.3
fwAVG=1.93
sdW=235.1
fwW=1.82
sdS=54.9
fwS=2.21
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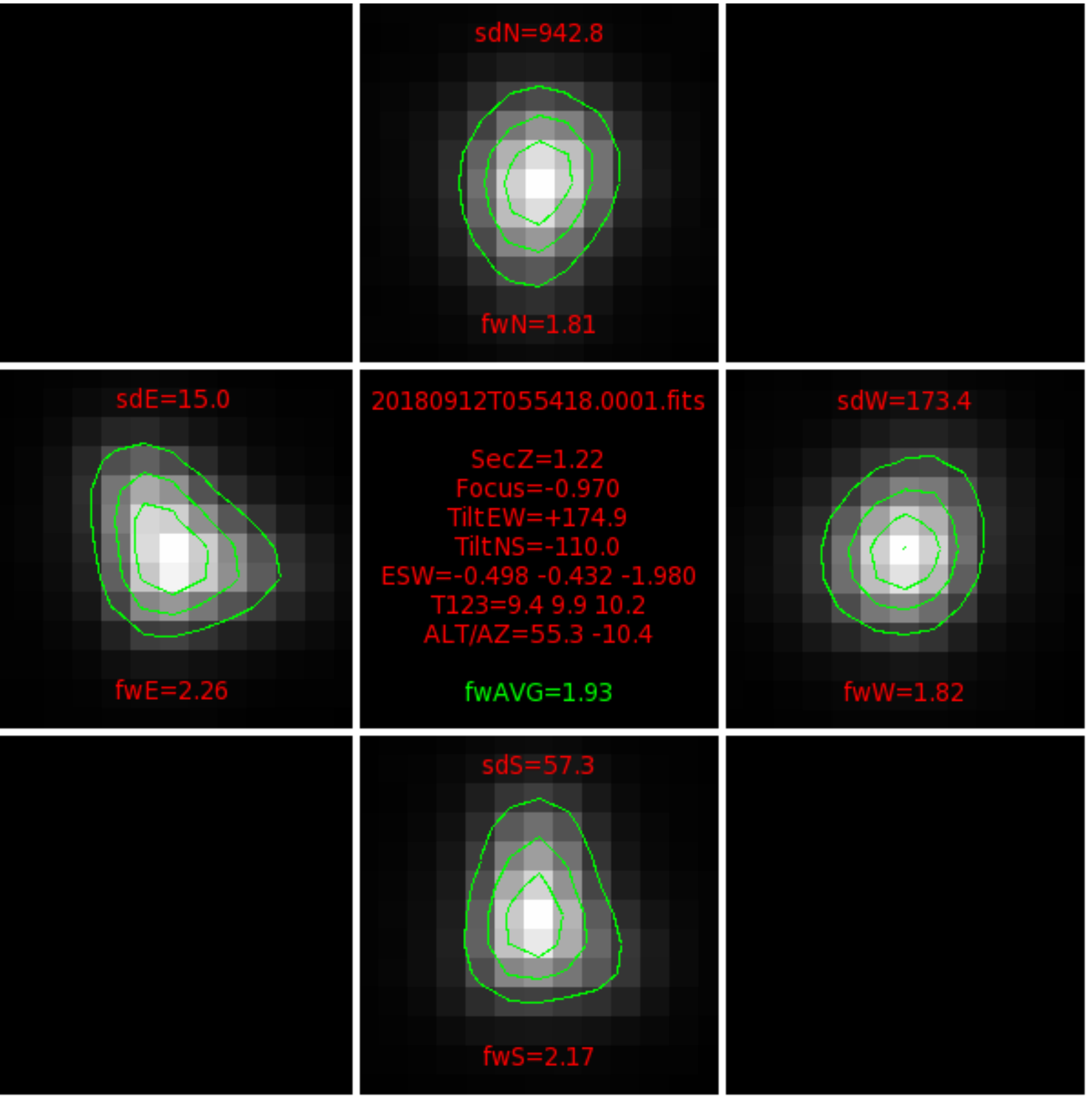
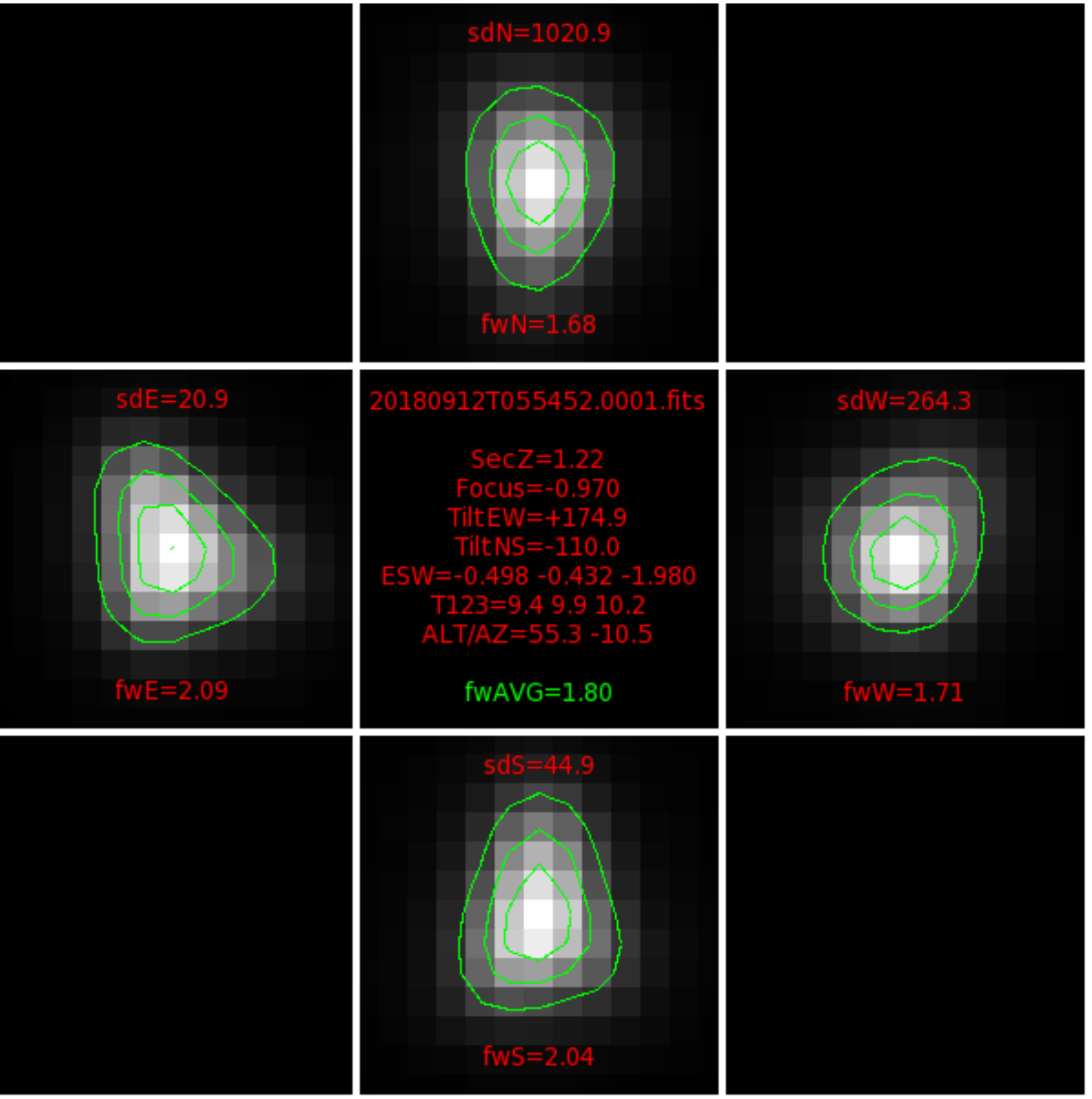

sdN=942.8
fwN=1.81
sdE=15.0
fwE=2.26
20180912T055418.0001.fits
SecZ=1.22
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.9 10.2
ALT/AZ=55.3 -10.4
fwAVG=1.93
sdW=173.4
fwW=1.82
sdS=57.3
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=1020.9
fwN=1.68
sdE=20.9
fwE=2.09
20180912T055452.0001.fits
SecZ=1.22
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.9 10.2
ALT/AZ=55.3 -10.5
fwAVG=1.80
sdW=264.3
fwW=1.71
sdS=44.9
fwS=2.04
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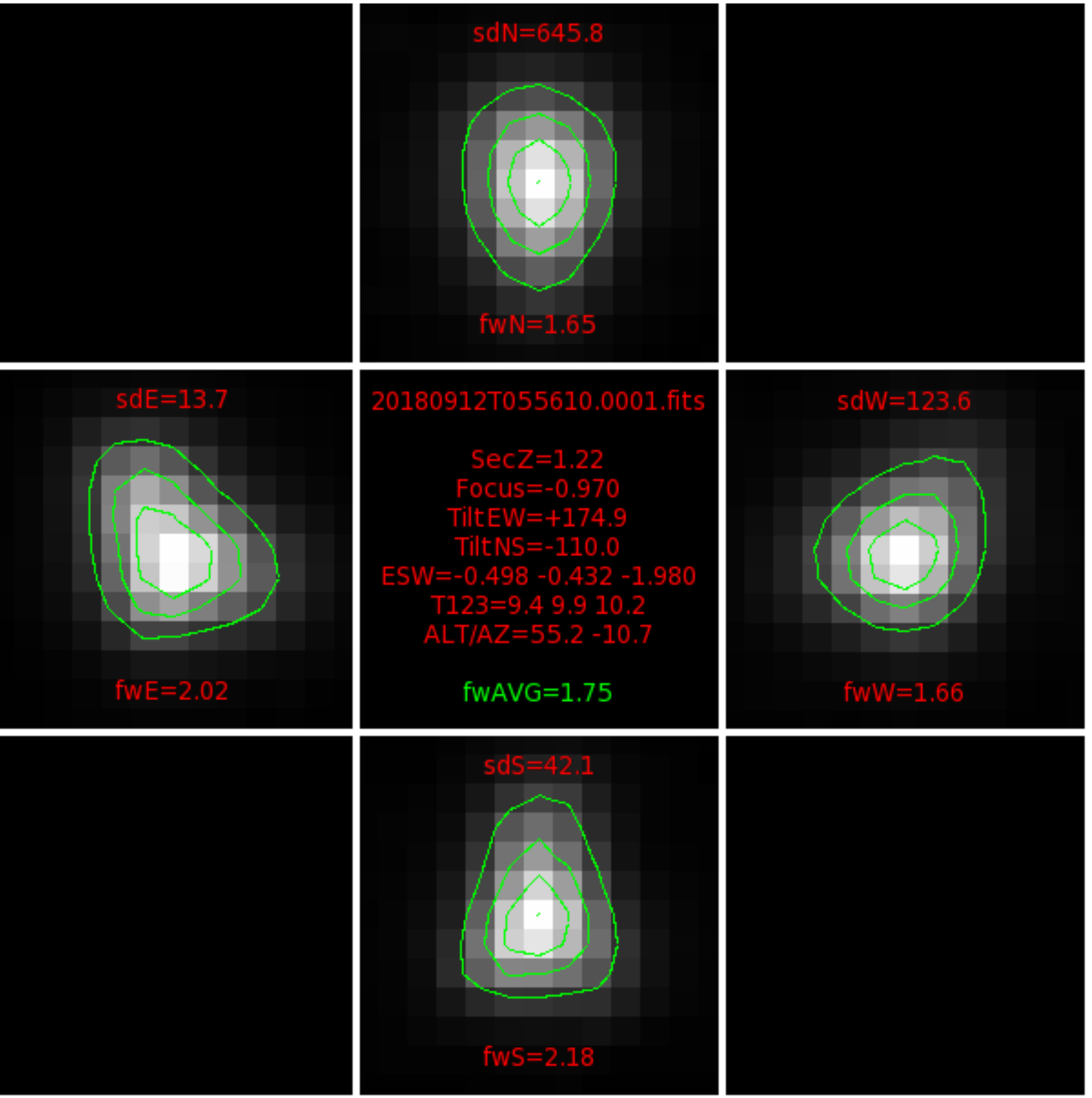
sdN=645.8
fwN=1.65
sdE=13.7
fwE=2.02
20180912T055610.0001.fits
SecZ=1.22
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.9 10.2
ALT/AZ=55.2 -10.7
fwAVG=1.75
sdW=123.6
fwW=1.66
sdS=42.1
fwS=2.18
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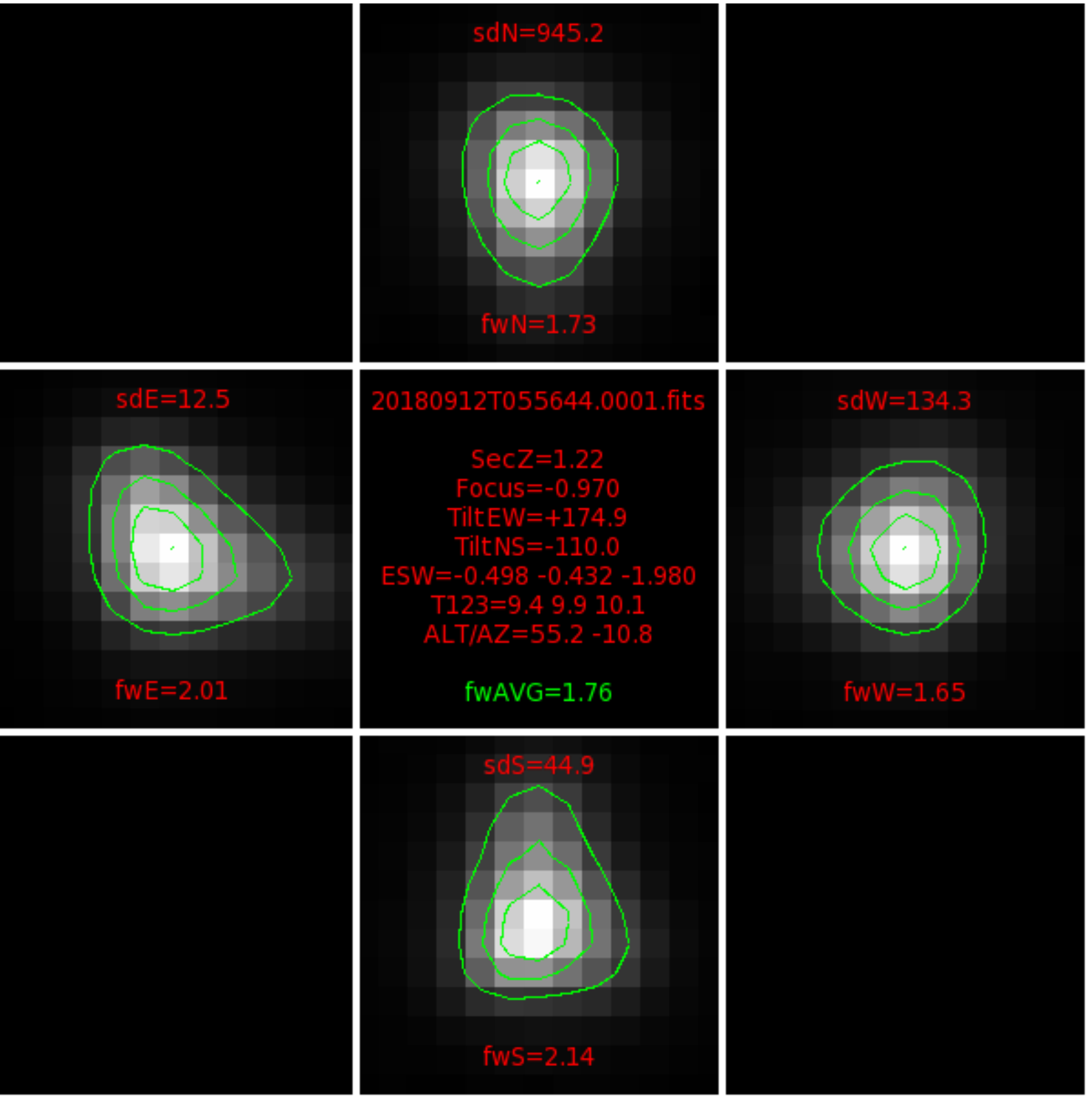
sdN=945.2
fwN=1.73
sdE=12.5
fwE=2.01
20180912T055644.0001.fits
SecZ=1.22
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.9 10.1
ALT/AZ=55.2 -10.8
fwAVG=1.76
sdW=134.3
fwW=1.65
sdS=44.9
fwS=2.14
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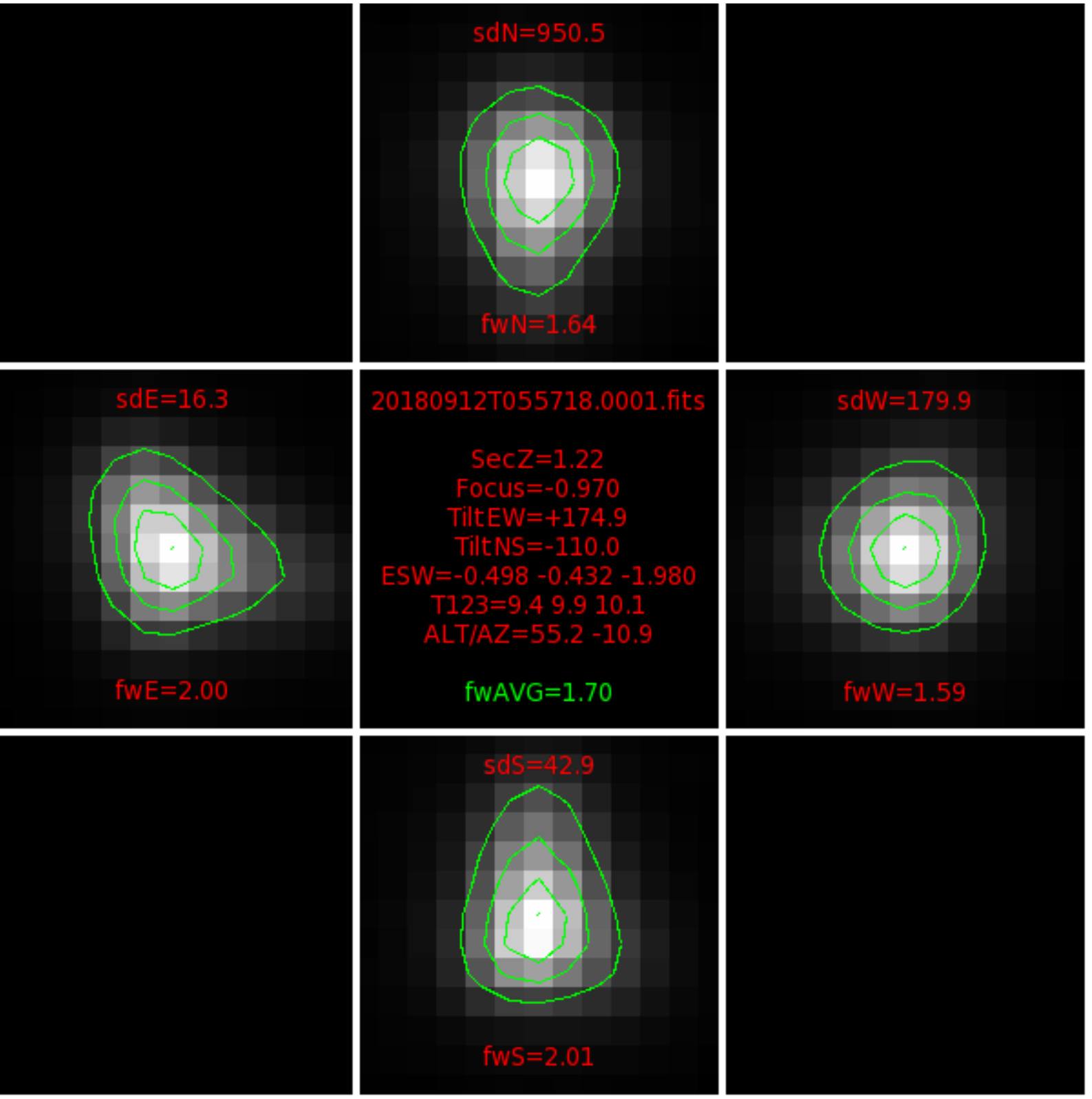
sdN=950.5
fwN=1.64
sdE=16.3
fwE=2.00
20180912T055718.0001.fits
SecZ=1.22
Focus=-0.970
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.498 -0.432 -1.980
T123=9.4 9.9 10.1
ALT/AZ=55.2 -10.9
fwAVG=1.70
sdW=179.9
fwW=1.59
sdS=42.9
fwS=2.01
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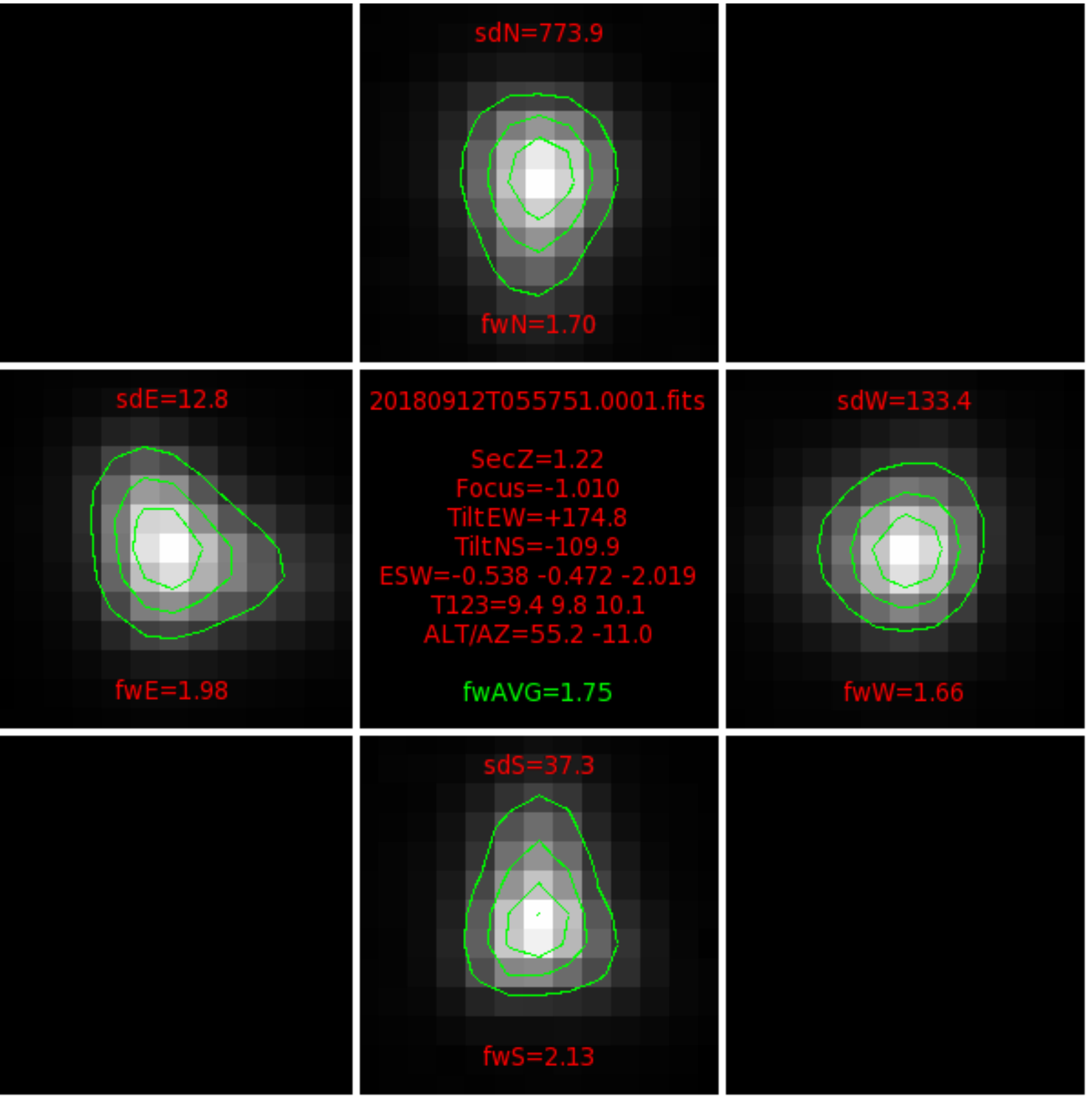
sdN=773.9
fwN=1.70
sdE=12.8
fwE=1.98
20180912T055751.0001.fits
SecZ=1.22
Focus=-1.010
TiltEW=+174.8
TiltNS=-109.9
ESW=-0.538 -0.472 -2.019
T123=9.4 9.8 10.1
ALT/AZ=55.2 -11.0
fwAVG=1.75
sdW=133.4
fwW=1.66
sdS=37.3
fwS=2.13
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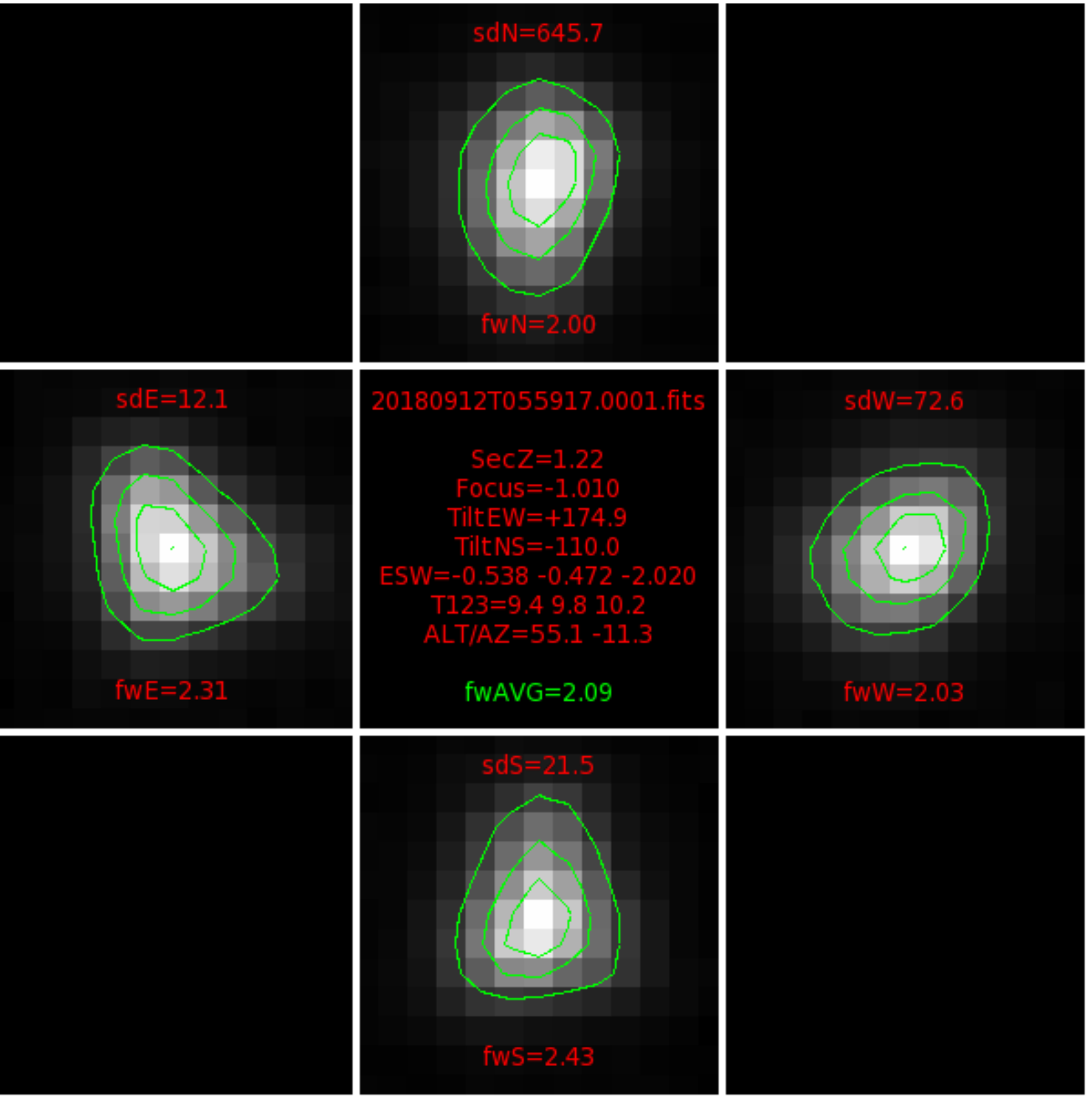
sdN=645.7
fwN=2.00
sdE=12.1
fwE=2.31
20180912T055917.0001.fits
SecZ=1.22
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.4 9.8 10.2
ALT/AZ=55.1 -11.3
fwAVG=2.09
sdW=72.6
fwW=2.03
sdS=21.5
fwS=2.43
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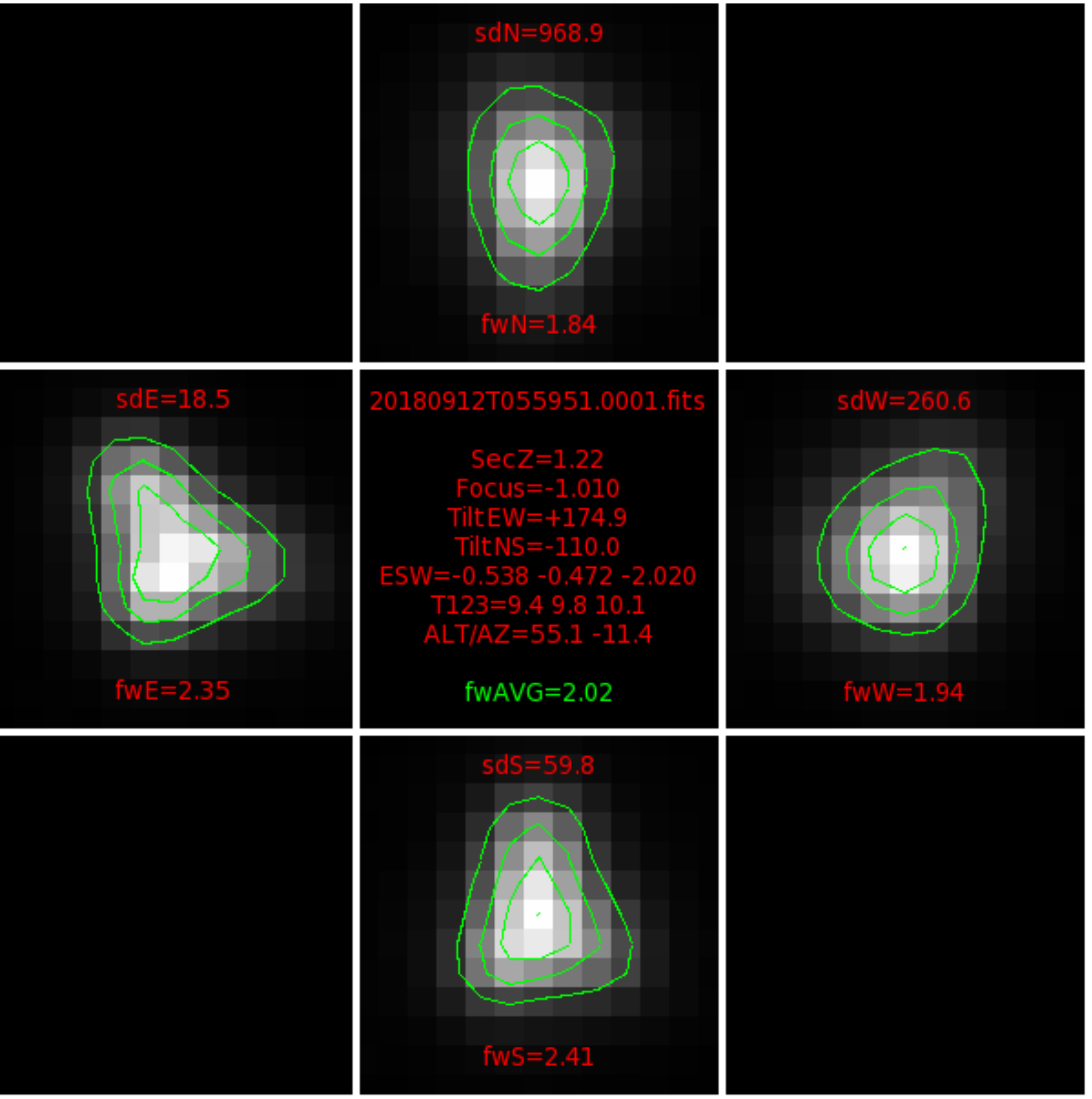
sdN=968.9
fwN=1.84
sdE=18.5
fwE=2.35
20180912T055951.0001.fits
SecZ=1.22
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.4 9.8 10.1
ALT/AZ=55.1 -11.4
fwAVG=2.02
sdW=260.6
fwW=1.94
sdS=59.8
fwS=2.41
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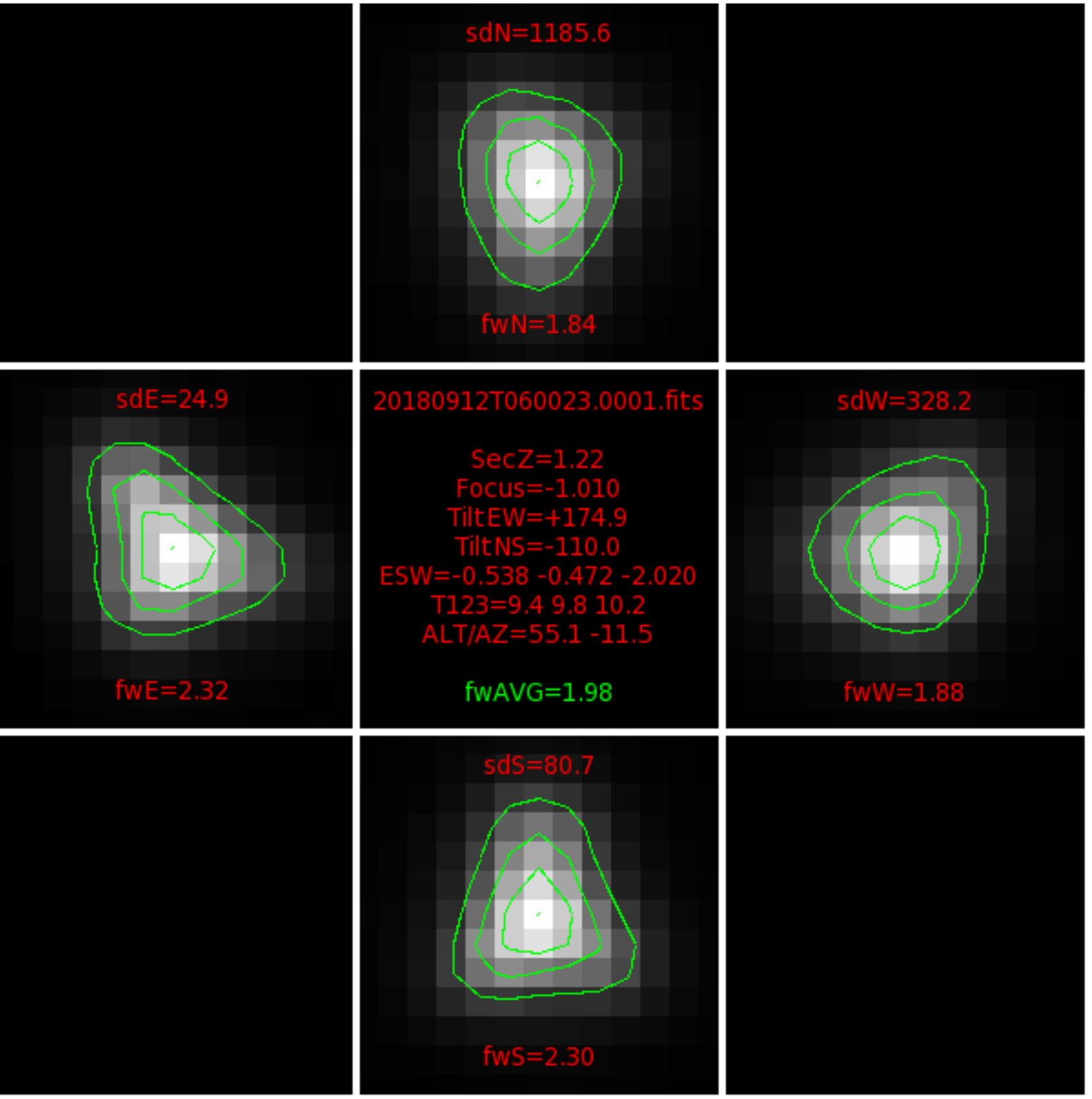
sdN=1185.6
fwN=1.84
sdE=24.9
fwE=2.32
20180912T060023.0001.fits
SecZ=1.22
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.4 9.8 10.2
ALT/AZ=55.1 -11.5
fwAVG=1.98
sdW=328.2
fwW=1.88
sdS=80.7
fwS=2.30
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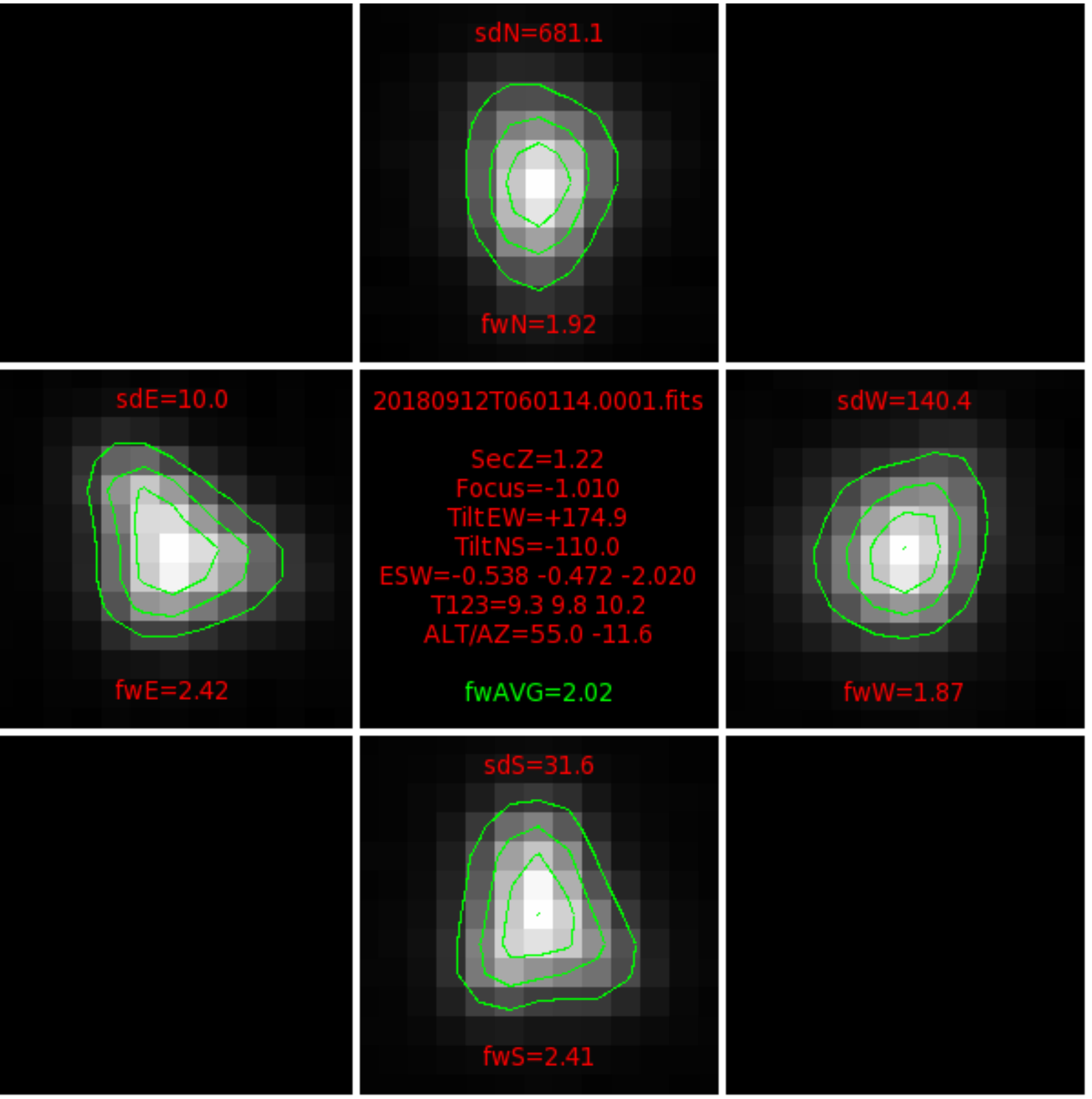
sdN=681.1
fwN=1.92
sdE=10.0
fwE=2.42
20180912T060114.0001.fits
SecZ=1.22
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.3 9.8 10.2
ALT/AZ=55.0 -11.6
fwAVG=2.02
sdW=140.4
fwW=1.87
sdS=31.6
fwS=2.41
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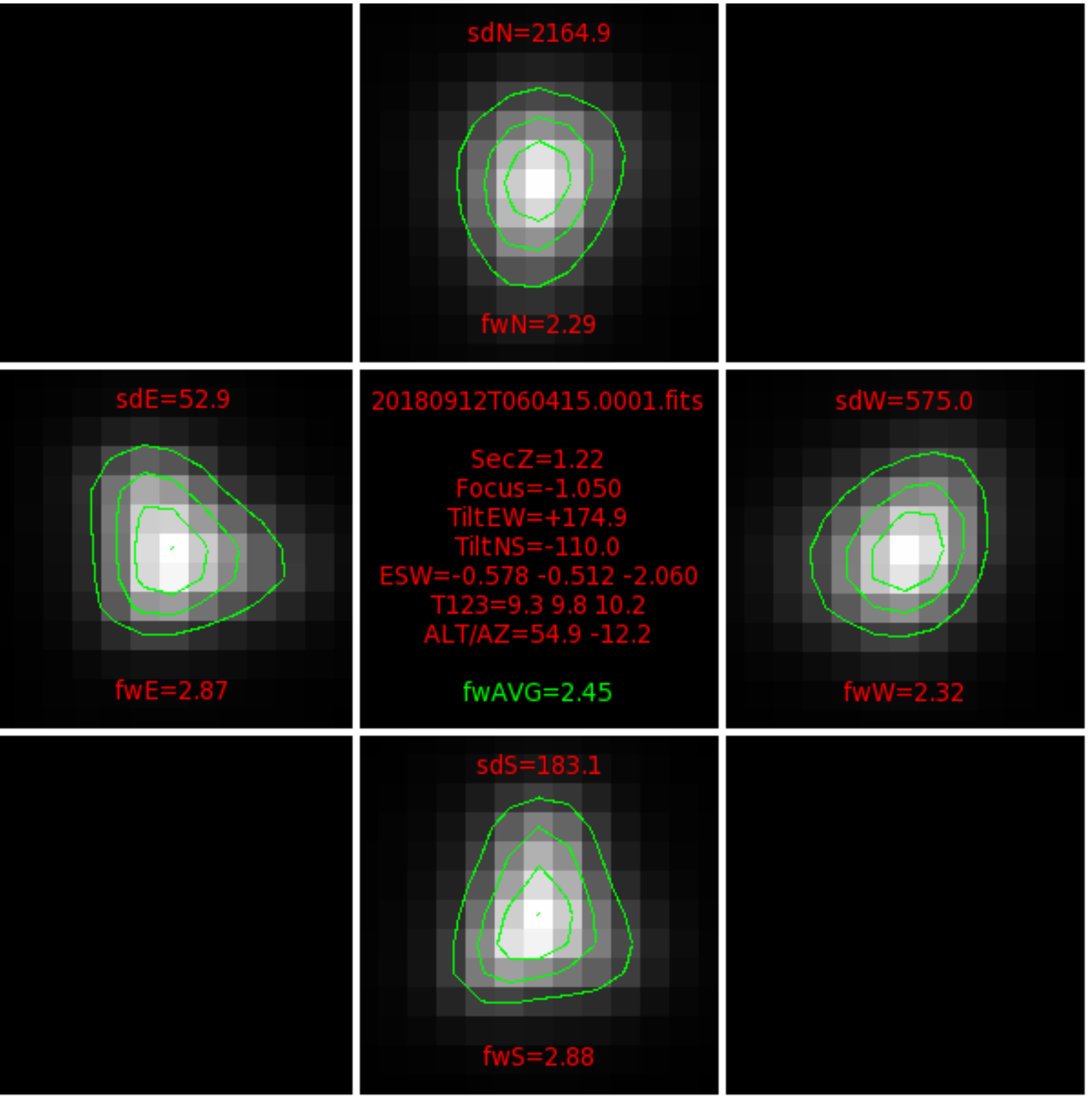
sdN=2164.9
fwN=2.29
sdE=52.9
fwE=2.87
20180912T060415.0001.fits
SecZ=1.22
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=9.3 9.8 10.2
ALT/AZ=54.9 -12.2
fwAVG=2.45
sdW=575.0
fwW=2.32
sdS=183.1
fwS=2.88
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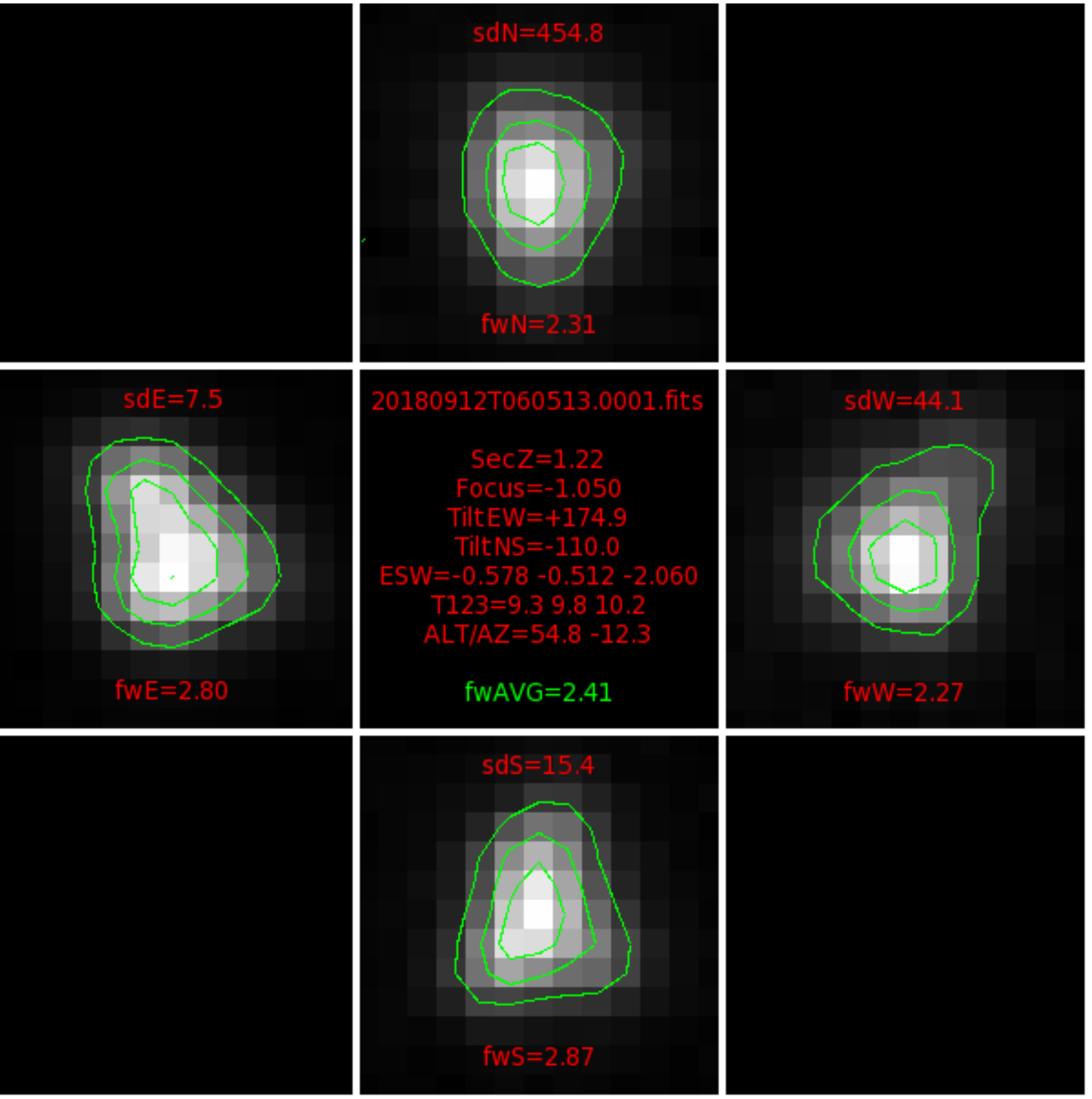
sdN=454.8
fwN=2.31
sdE=7.5
fwE=2.80
20180912T060513.0001.fits
SecZ=1.22
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=9.3 9.8 10.2
ALT/AZ=54.8 -12.3
fwAVG=2.41
sdW=44.1
fwW=2.27
sdS=15.4
fwS=2.87
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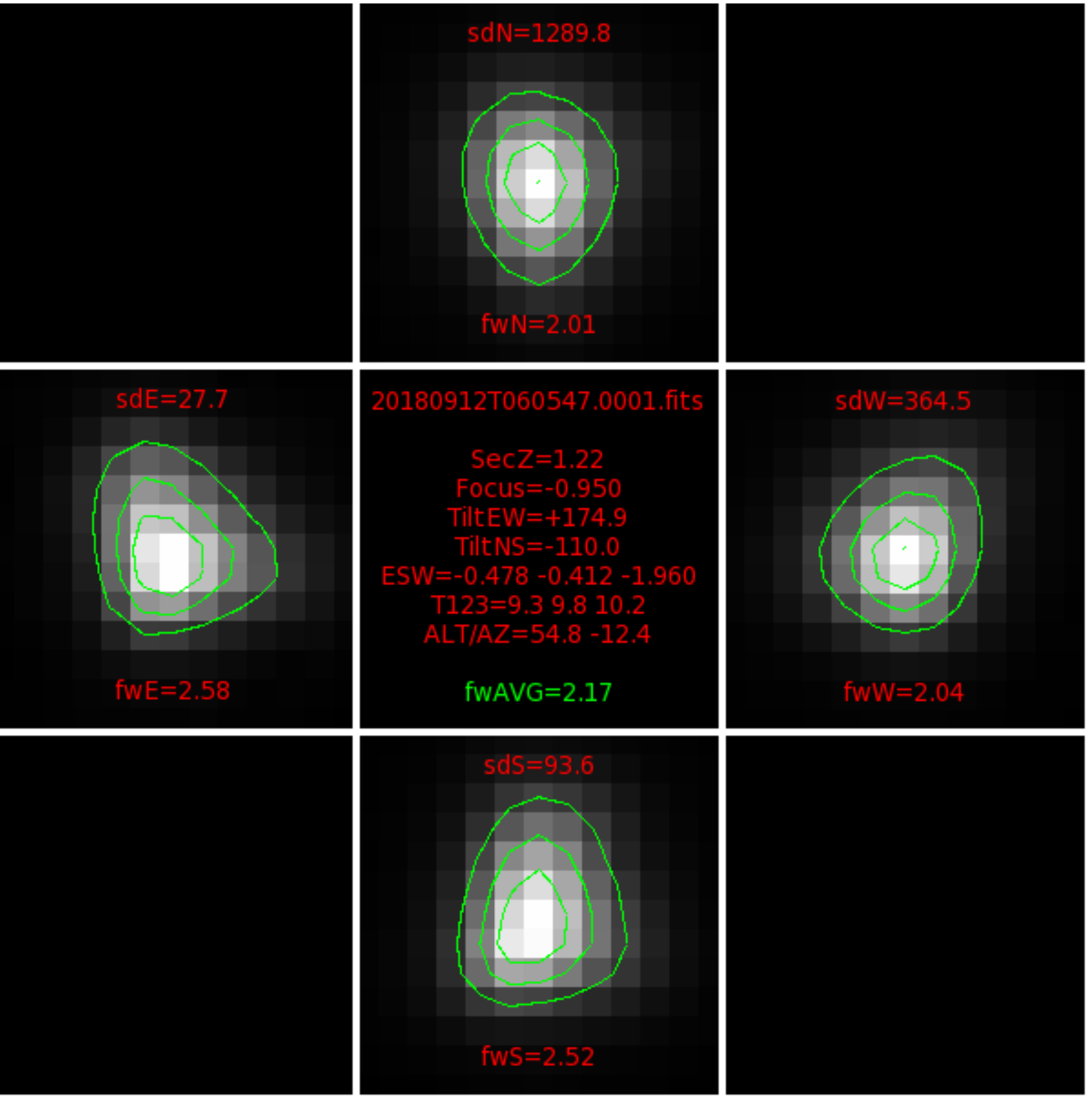
sdN=1289.8
fwN=2.01
sdE=27.7
fwE=2.58
20180912T060547.0001.fits
SecZ=1.22
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.3 9.8 10.2
ALT/AZ=54.8 -12.4
fwAVG=2.17
sdW=364.5
fwW=2.04
sdS=93.6
fwS=2.52
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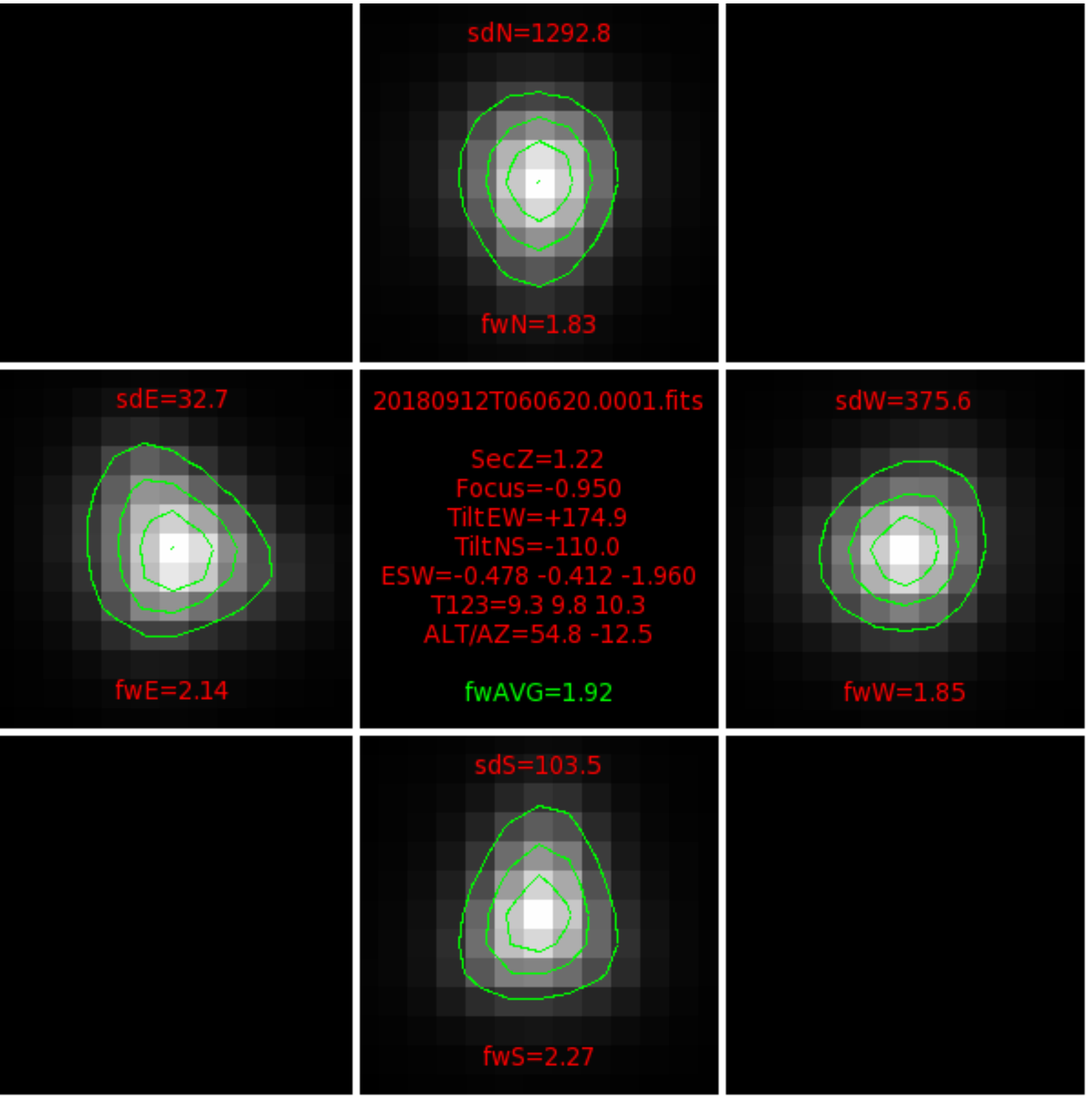
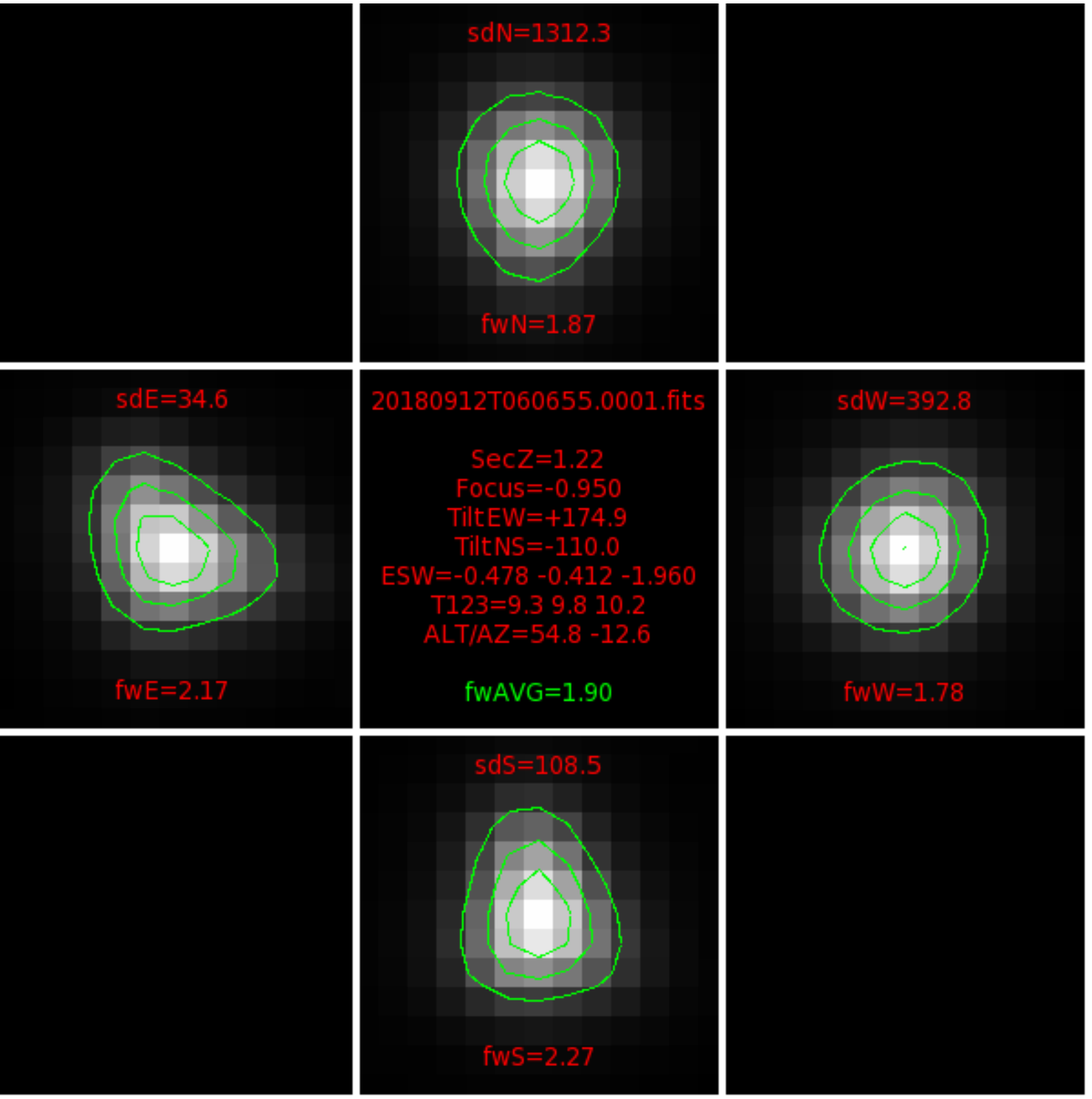

sdN=1292.8
fwN=1.83
sdE=32.7
fwE=2.14
20180912T060620.0001.fits
SecZ=1.22
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.3 9.8 10.3
ALT/AZ=54.8 -12.5
fwAVG=1.92
sdW=375.6
fwW=1.85
sdS=103.5
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=1312.3
fwN=1.87
sdE=34.6
fwE=2.17
20180912T060655.0001.fits
SecZ=1.22
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.3 9.8 10.2
ALT/AZ=54.8 -12.6
fwAVG=1.90
sdW=392.8
fwW=1.78
sdS=108.5
fwS=2.27
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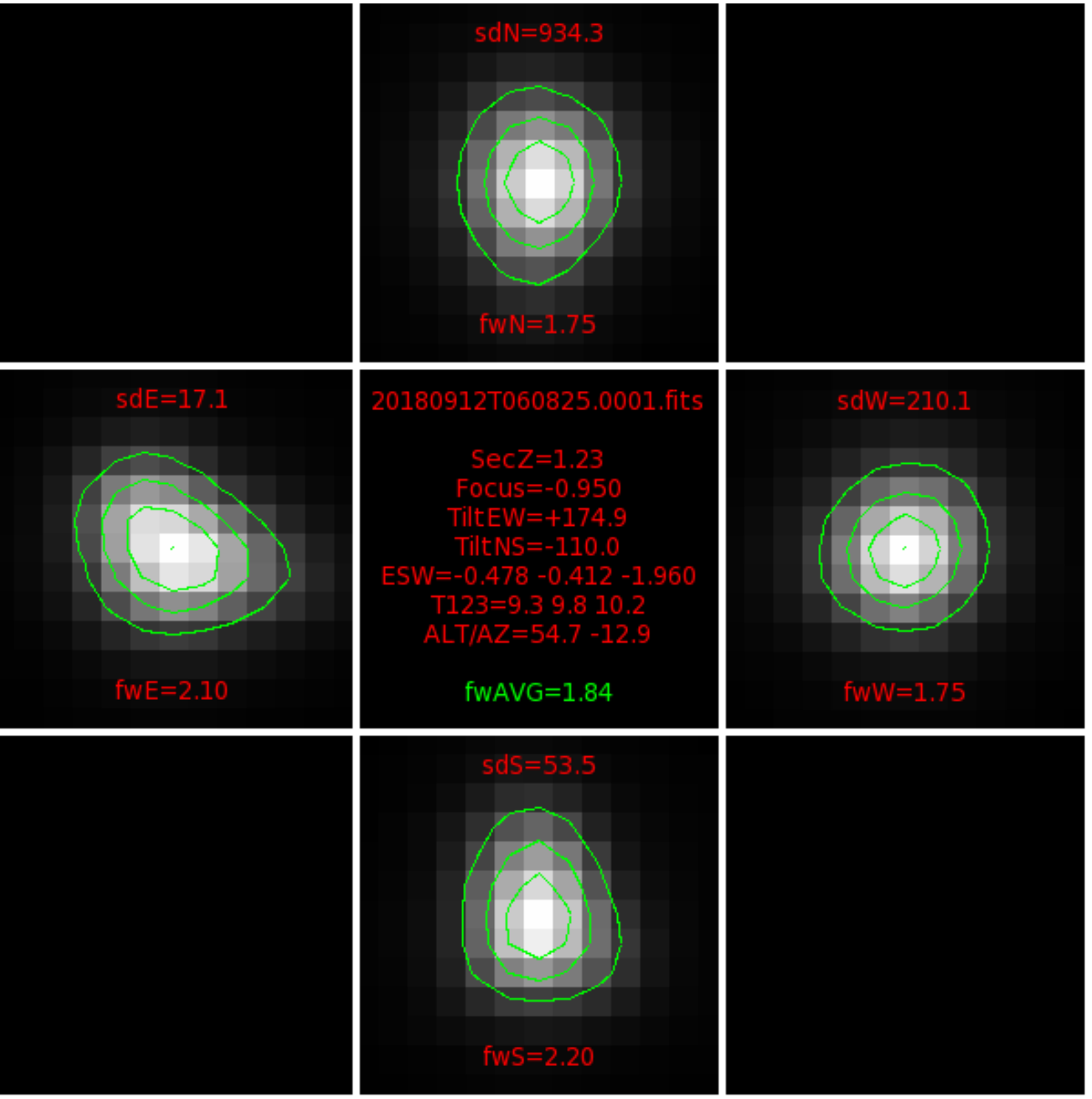
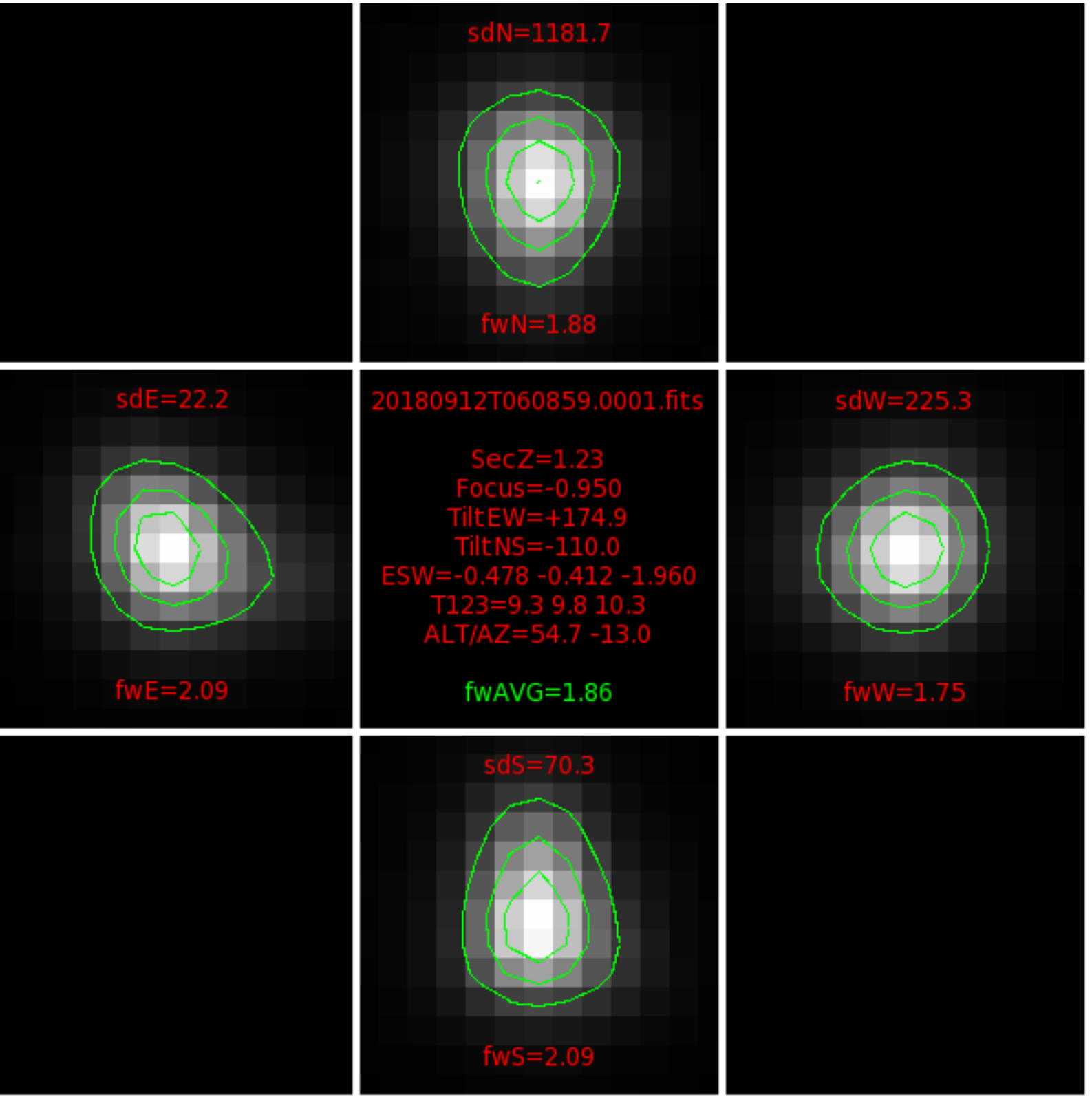

sdN=934.3
fwN=1.75
sdE=17.1
fwE=2.10
20180912T060825.0001.fits
SecZ=1.23
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.3 9.8 10.2
ALT/AZ=54.7 -12.9
fwAVG=1.84
sdW=210.1
fwW=1.75
sdS=53.5
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=1181.7
fwN=1.88
sdE=22.2
fwE=2.09
20180912T060859.0001.fits
SecZ=1.23
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.3 9.8 10.3
ALT/AZ=54.7 -13.0
fwAVG=1.86
sdW=225.3
fwW=1.75
sdS=70.3
fwS=2.09
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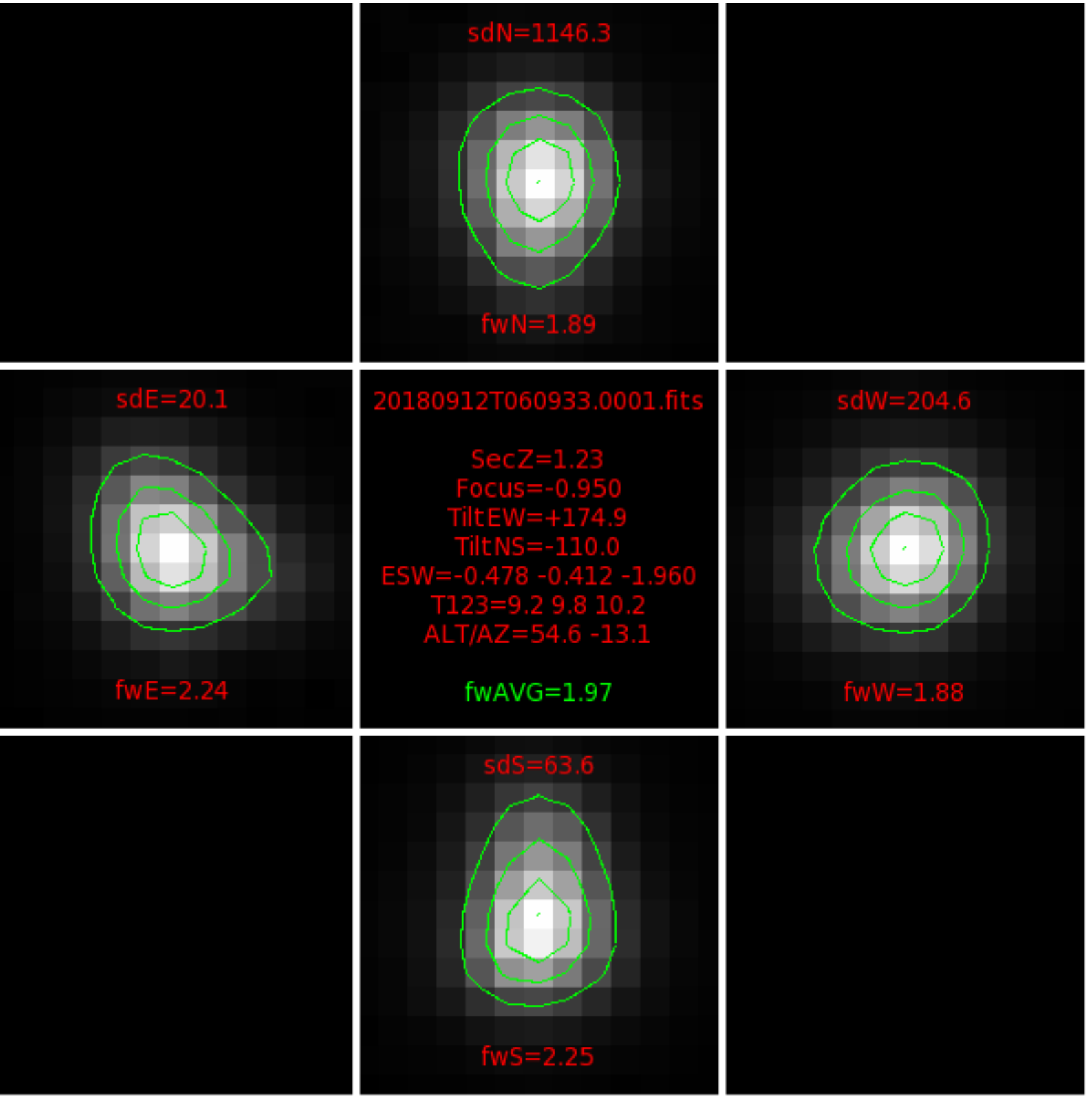
sdN=1146.3
fwN=1.89
sdE=20.1
fwE=2.24
20180912T060933.0001.fits
SecZ=1.23
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.2 9.8 10.2
ALT/AZ=54.6 -13.1
fwAVG=1.97
sdW=204.6
fwW=1.88
sdS=63.6
fwS=2.25
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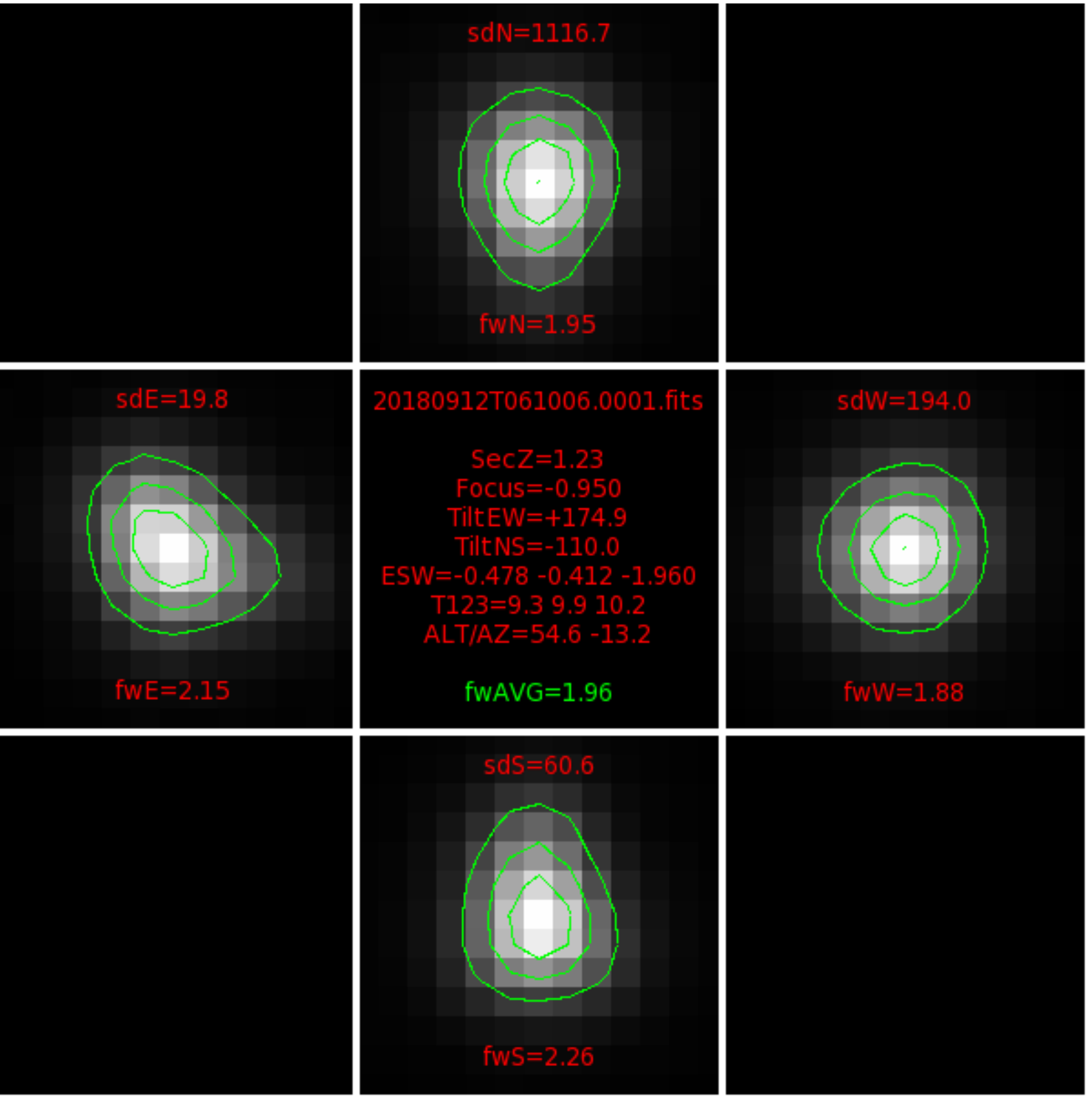
sdN=1116.7
fwN=1.95
sdE=19.8
fwE=2.15
20180912T061006.0001.fits
SecZ=1.23
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.3 9.9 10.2
ALT/AZ=54.6 -13.2
fwAVG=1.96
sdW=194.0
fwW=1.88
sdS=60.6
fwS=2.26
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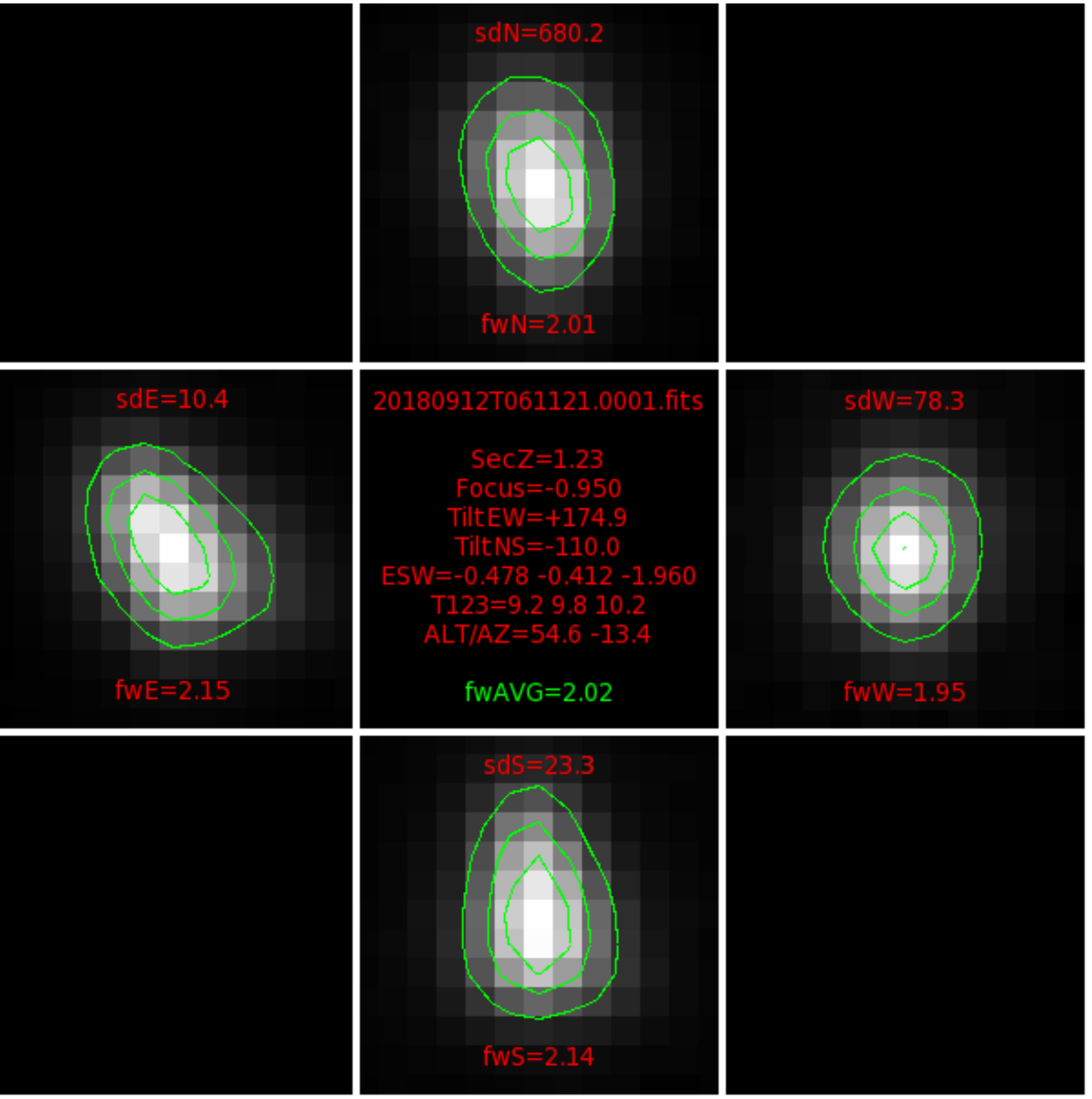
sdN=680.2
fwN=2.01
sdE=10.4
fwE=2.15
20180912T061121.0001.fits
SecZ=1.23
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.2 9.8 10.2
ALT/AZ=54.6 -13.4
fwAVG=2.02
sdW=78.3
fwW=1.95
sdS=23.3
fwS=2.14
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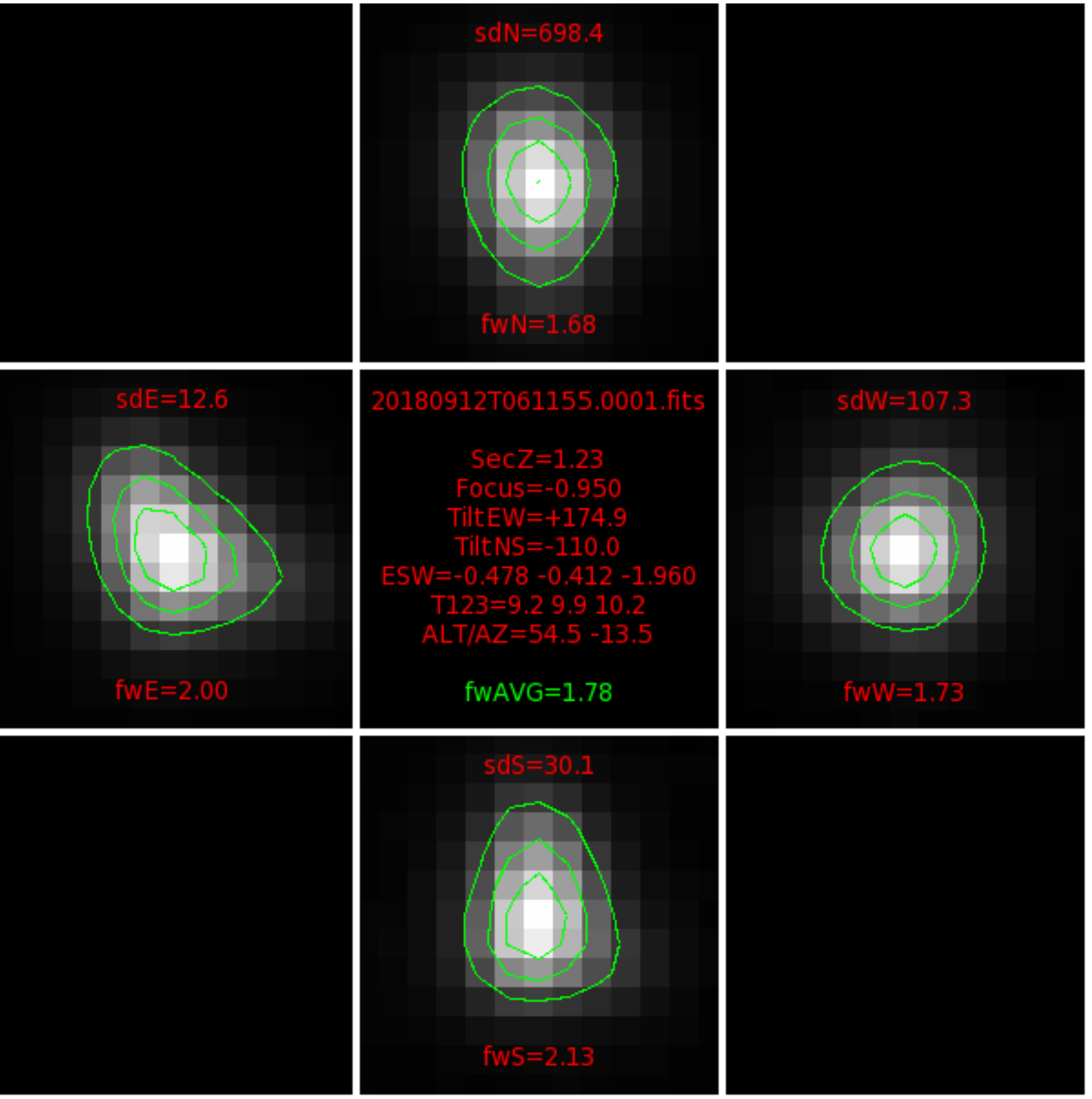
sdN=698.4
fwN=1.68
sdE=12.6
fwE=2.00
20180912T061155.0001.fits
SecZ=1.23
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.2 9.9 10.2
ALT/AZ=54.5 -13.5
fwAVG=1.78
sdW=107.3
fwW=1.73
sdS=30.1
fwS=2.13
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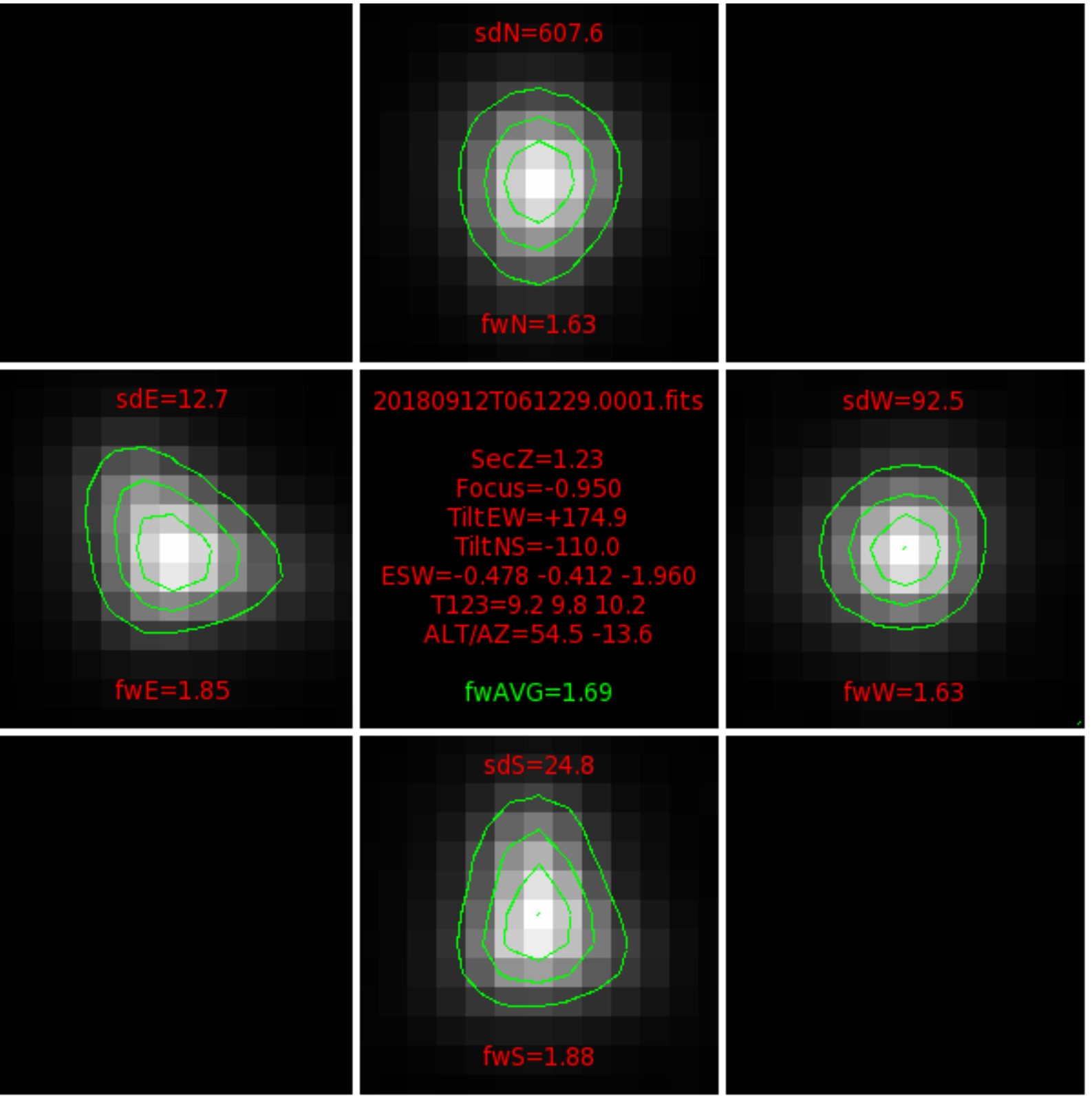
sdN=607.6
fwN=1.63
sdE=12.7
fwE=1.85
20180912T061229.0001.fits
SecZ=1.23
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.2 9.8 10.2
ALT/AZ=54.5 -13.6
fwAVG=1.69
sdW=92.5
fwW=1.63
sdS=24.8
fwS=1.88
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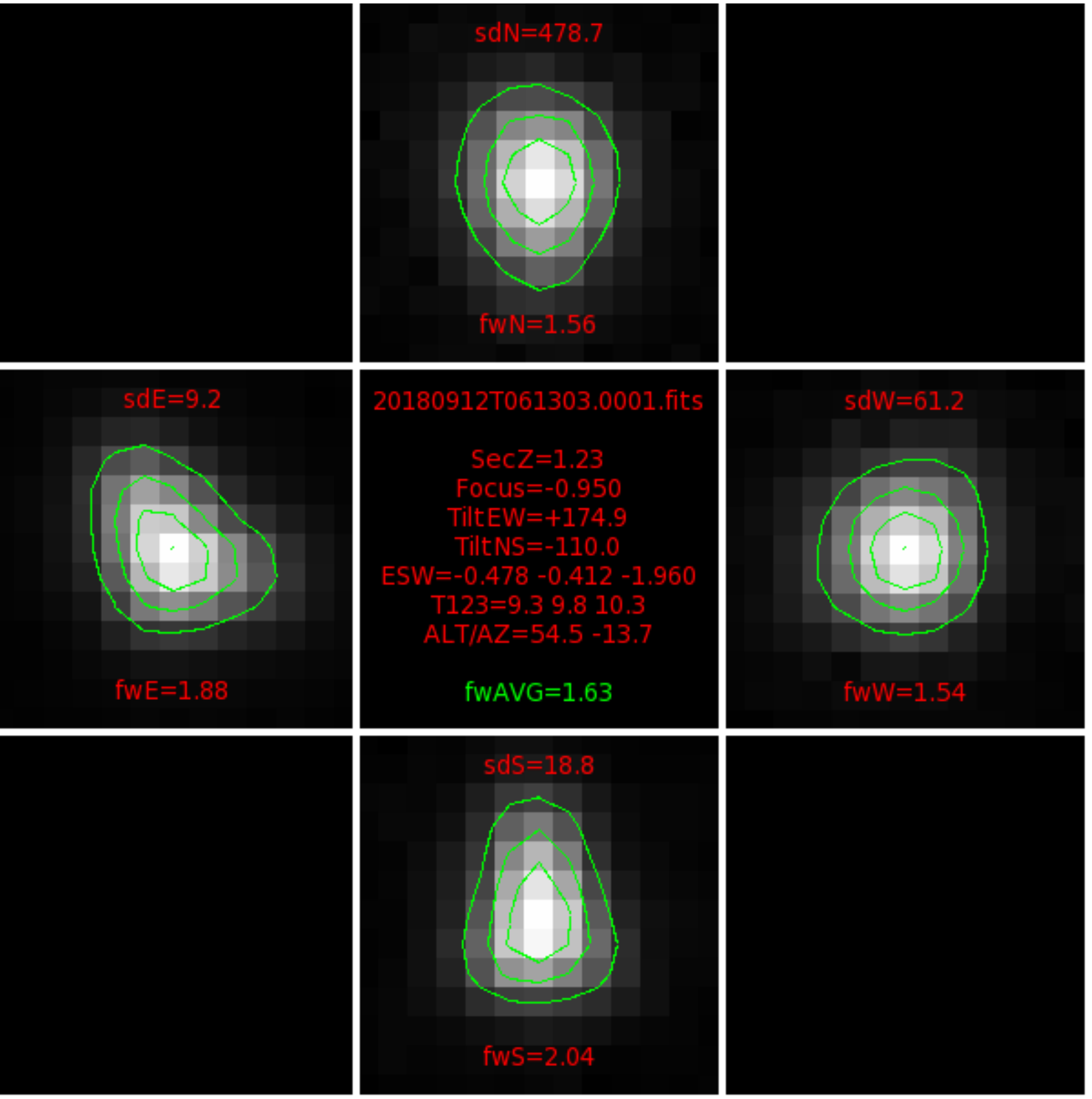
sdN=478.7
fwN=1.56
sdE=9.2
fwE=1.88
20180912T061303.0001.fits
SecZ=1.23
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=9.3 9.8 10.3
ALT/AZ=54.5 -13.7
fwAVG=1.63
sdW=61.2
fwW=1.54
sdS=18.8
fwS=2.04
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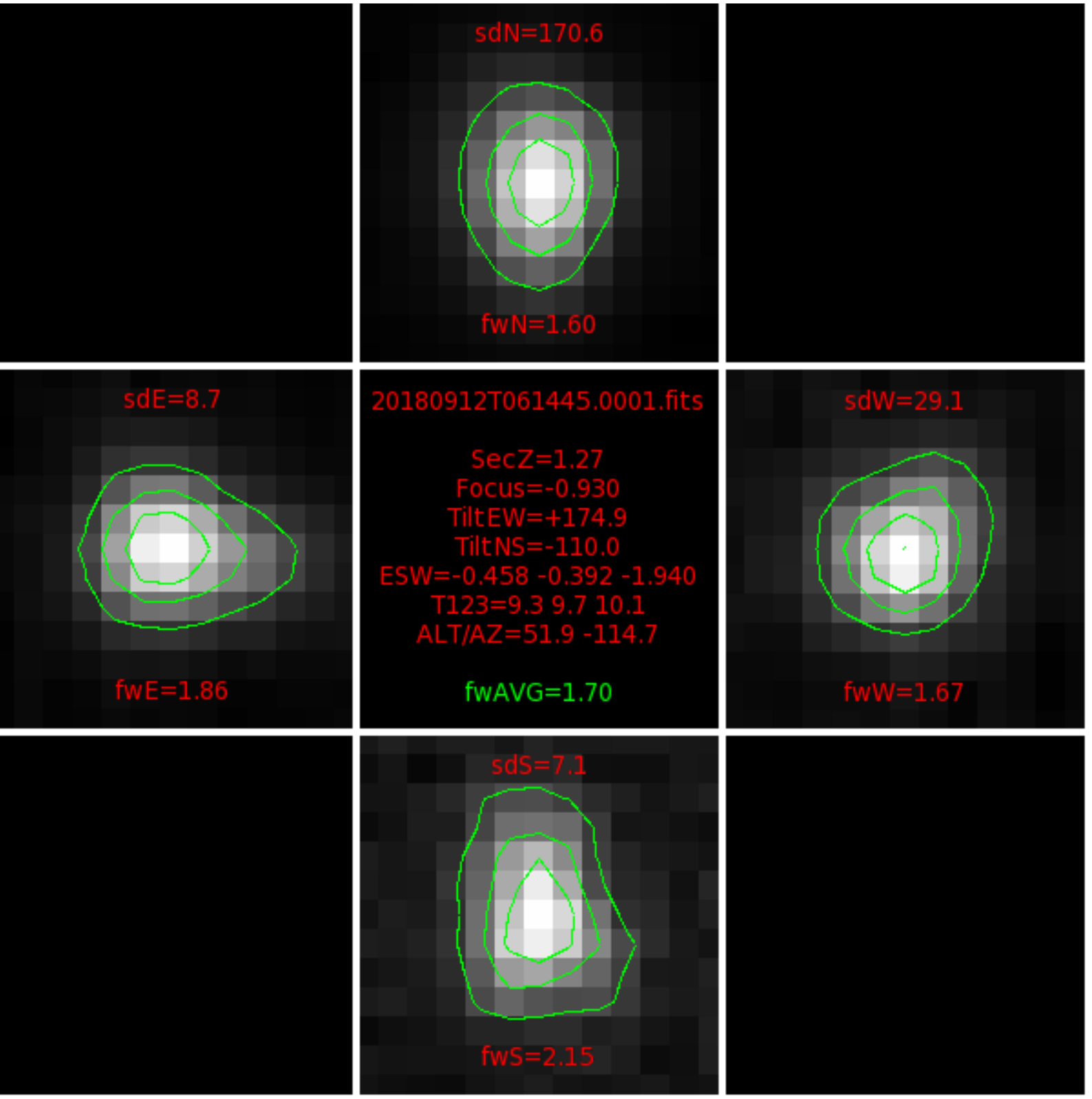
sdN=170.6
fwN=1.60
sdE=8.7
fwE=1.86
20180912T061445.0001.fits
SecZ=1.27
Focus=-0.930
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.458 -0.392 -1.940
T123=9.3 9.7 10.1
ALT/AZ=51.9 -114.7
fwAVG=1.70
sdW=29.1
fwW=1.67
sdS=7.1
fwS=2.15
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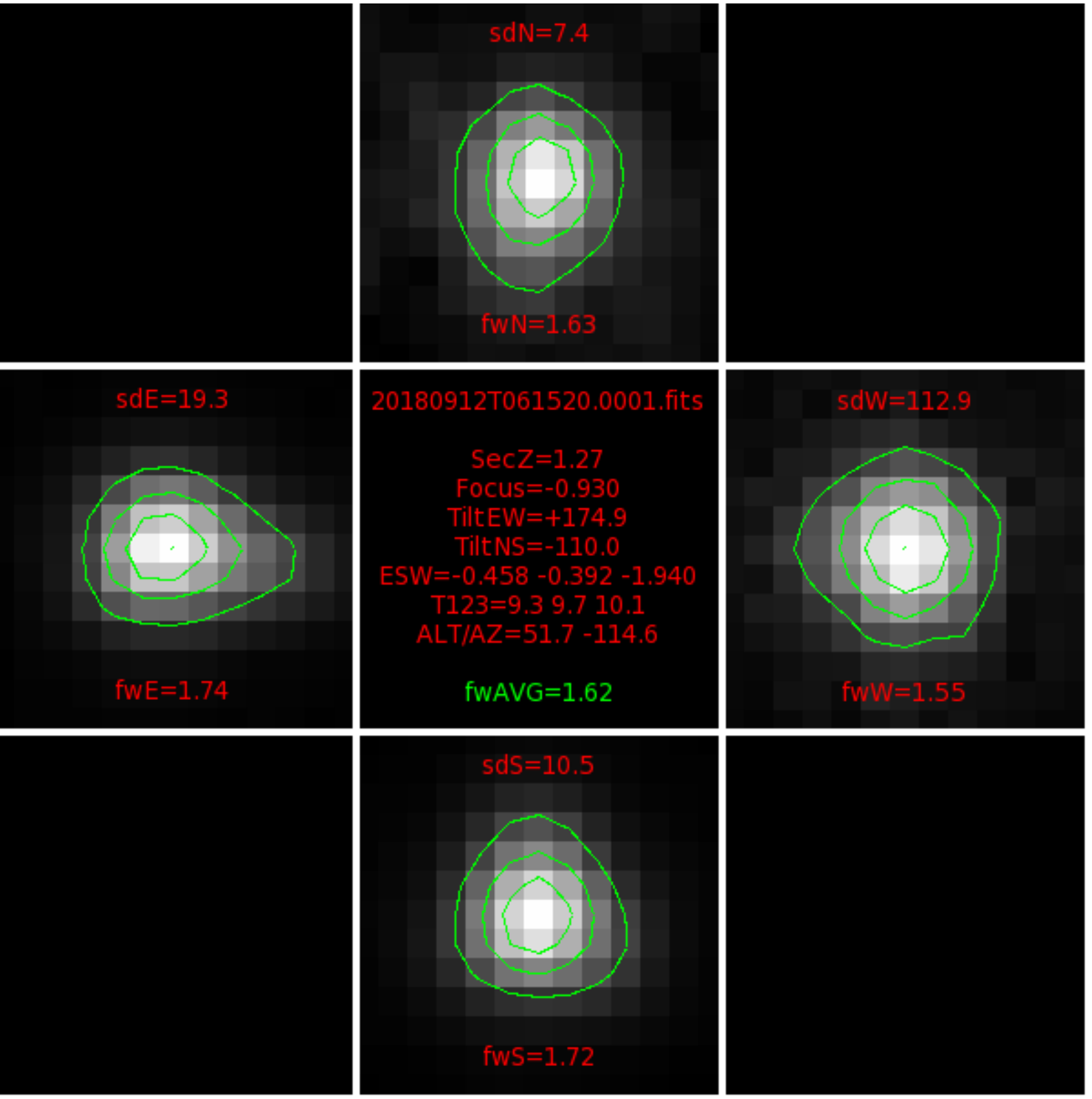
sdN=7.4
fwN=1.63
sdE=19.3
fwE=1.74
20180912T061520.0001.fits
SecZ=1.27
Focus=-0.930
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.458 -0.392 -1.940
T123=9.3 9.7 10.1
ALT/AZ=51.7 -114.6
fwAVG=1.62
sdW=112.9
fwW=1.55
sdS=10.5
fwS=1.72
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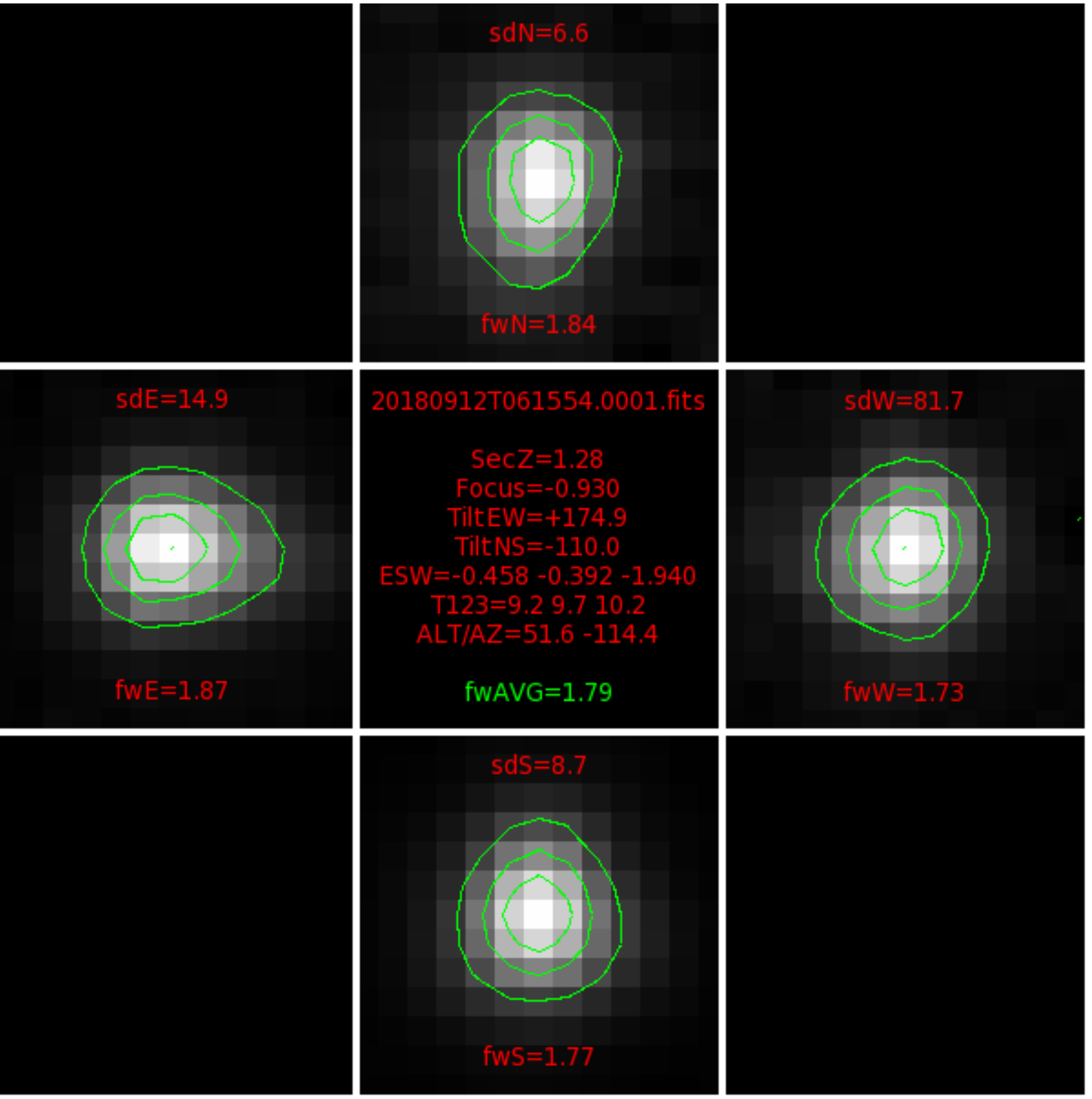
sdN=6.6
fwN=1.84
sdE=14.9
fwE=1.87
20180912T061554.0001.fits
SecZ=1.28
Focus=-0.930
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.458 -0.392 -1.940
T123=9.2 9.7 10.2
ALT/AZ=51.6 -114.4
fwAVG=1.79
sdW=81.7
fwW=1.73
sdS=8.7
fwS=1.77
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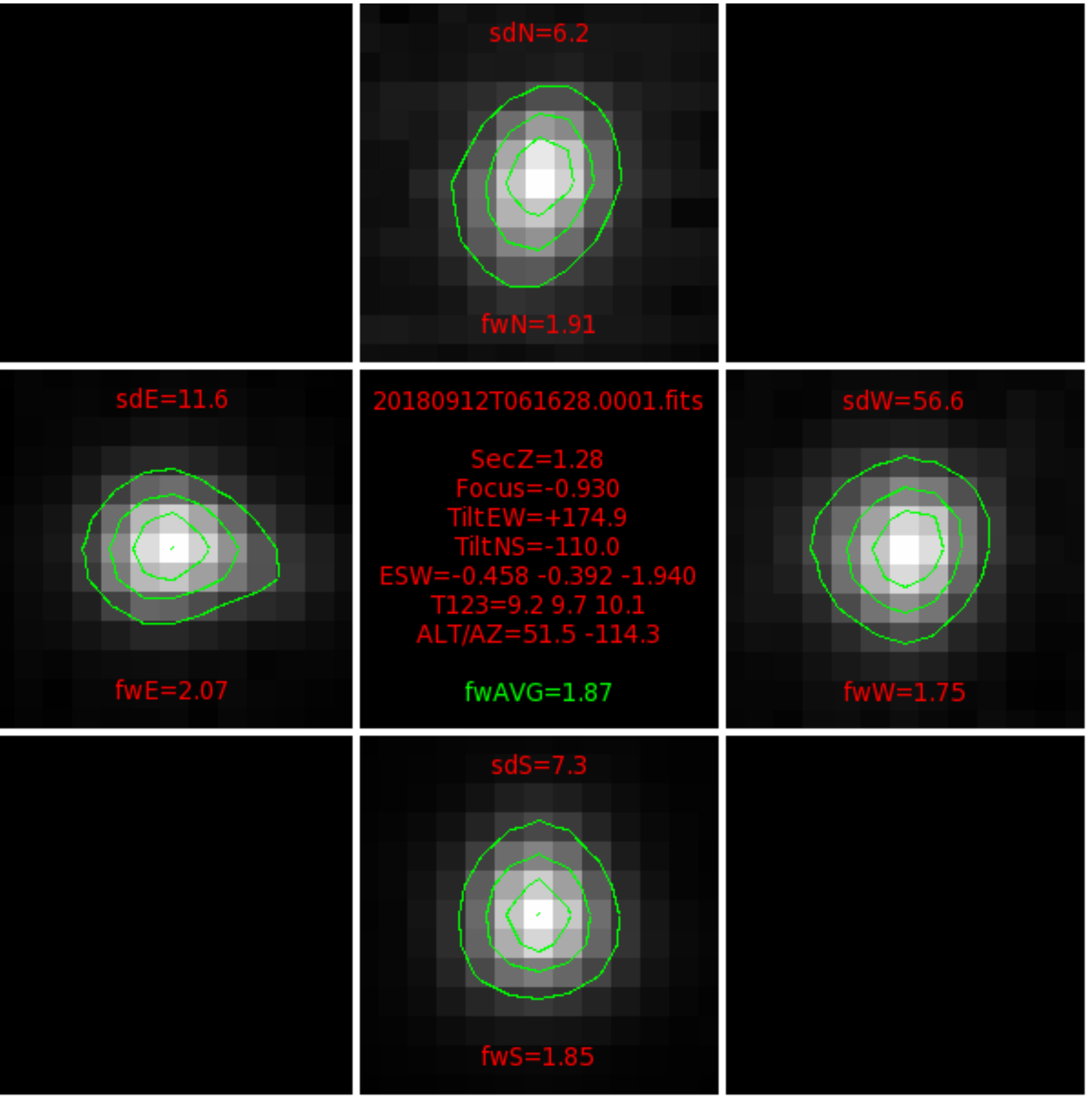
sdN=6.2
fwN=1.91
sdE=11.6
fwE=2.07
20180912T061628.0001.fits
SecZ=1.28
Focus=-0.930
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.458 -0.392 -1.940
T123=9.2 9.7 10.1
ALT/AZ=51.5 -114.3
fwAVG=1.87
sdW=56.6
fwW=1.75
sdS=7.3
fwS=1.85
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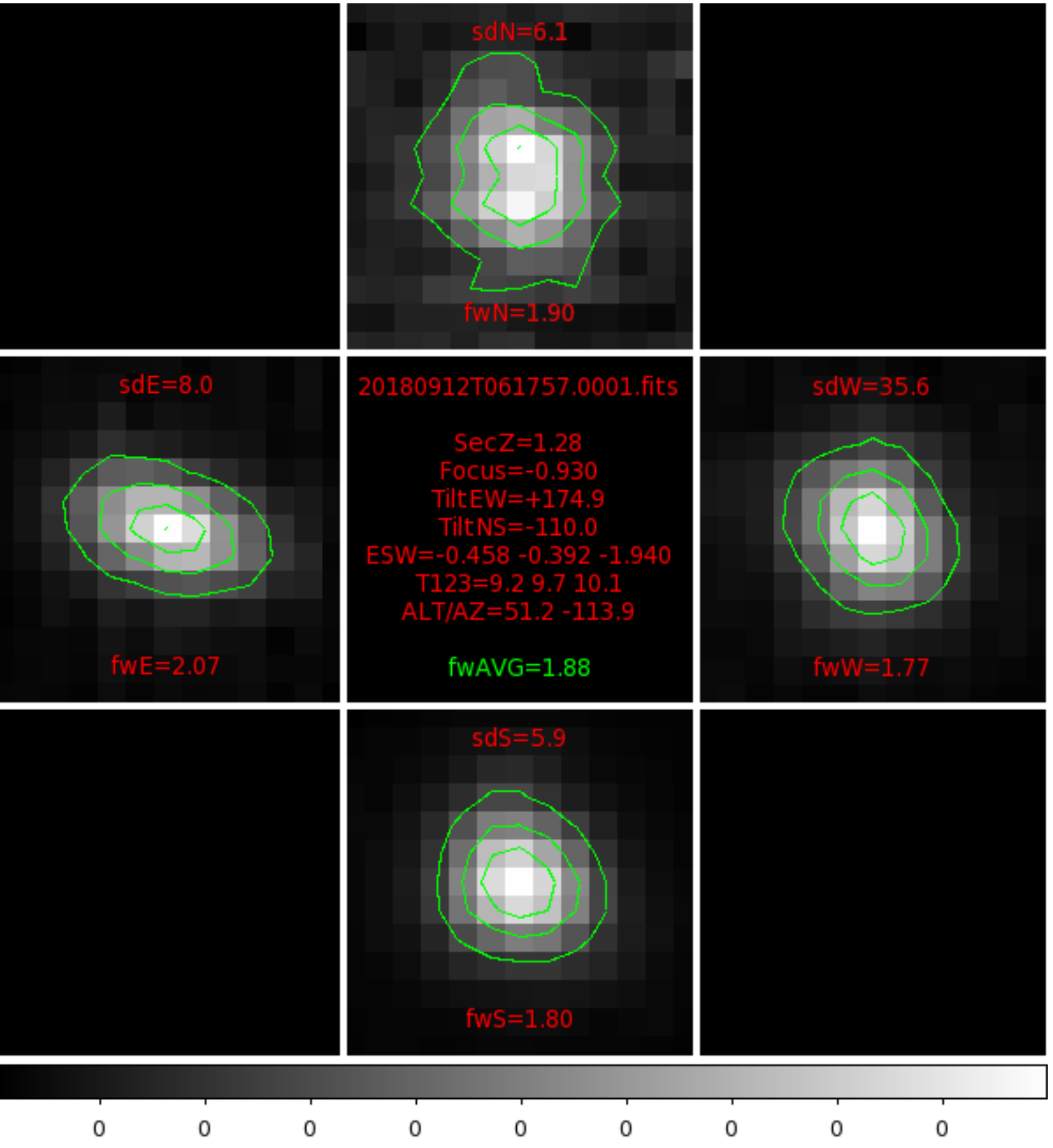
sdN=6.1
fwN=1.90
sdE=8.0
fwE=2.07
20180912T061757.0001.fits
SecZ=1.28
Focus=-0.930
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.458 -0.392 -1.940
T123=9.2 9.7 10.1
ALT/AZ=51.2 -113.9
fwAVG=1.88
sdW=35.6
fwW=1.77
sdS=5.9
fwS=1.80
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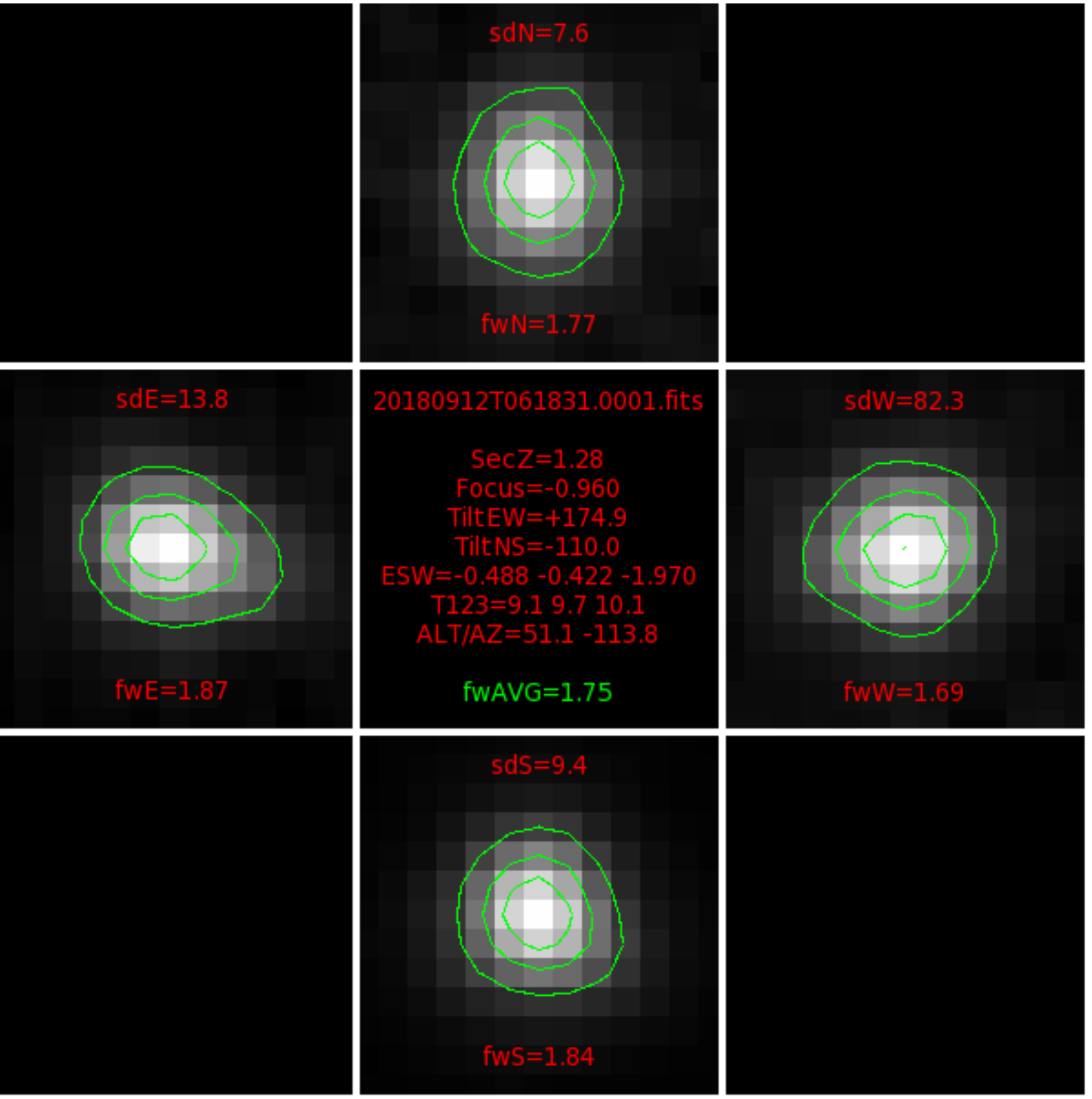
sdN=7.6
fwN=1.77
sdE=13.8
fwE=1.87
20180912T061831.0001.fits
SecZ=1.28
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=9.1 9.7 10.1
ALT/AZ=51.1 -113.8
fwAVG=1.75
sdW=82.3
fwW=1.69
sdS=9.4
fwS=1.84
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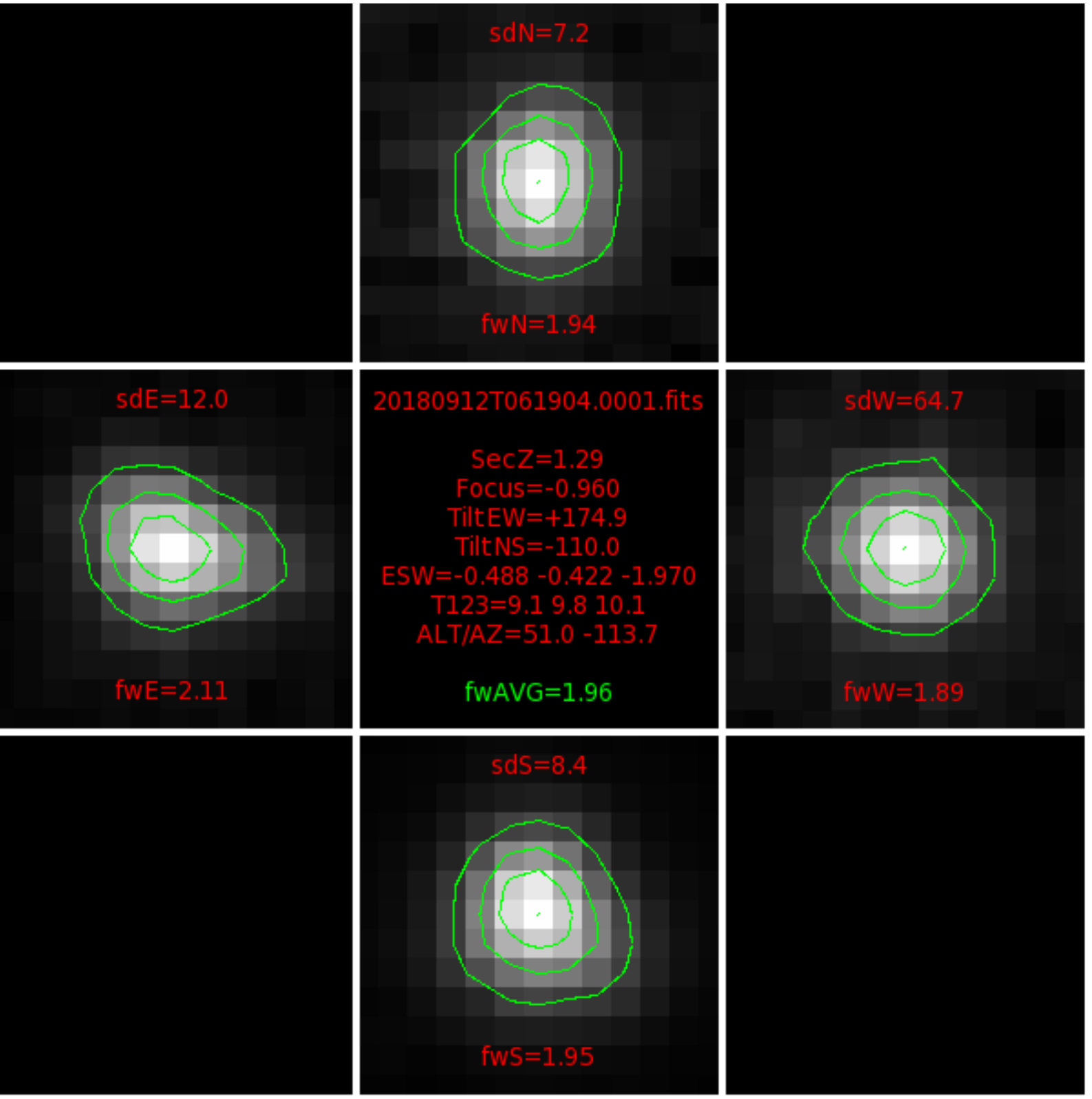
sdN=7.2
fwN=1.94
sdE=12.0
fwE=2.11
20180912T061904.0001.fits
SecZ=1.29
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=9.1 9.8 10.1
ALT/AZ=51.0 -113.7
fwAVG=1.96
sdW=64.7
fwW=1.89
sdS=8.4
fwS=1.95
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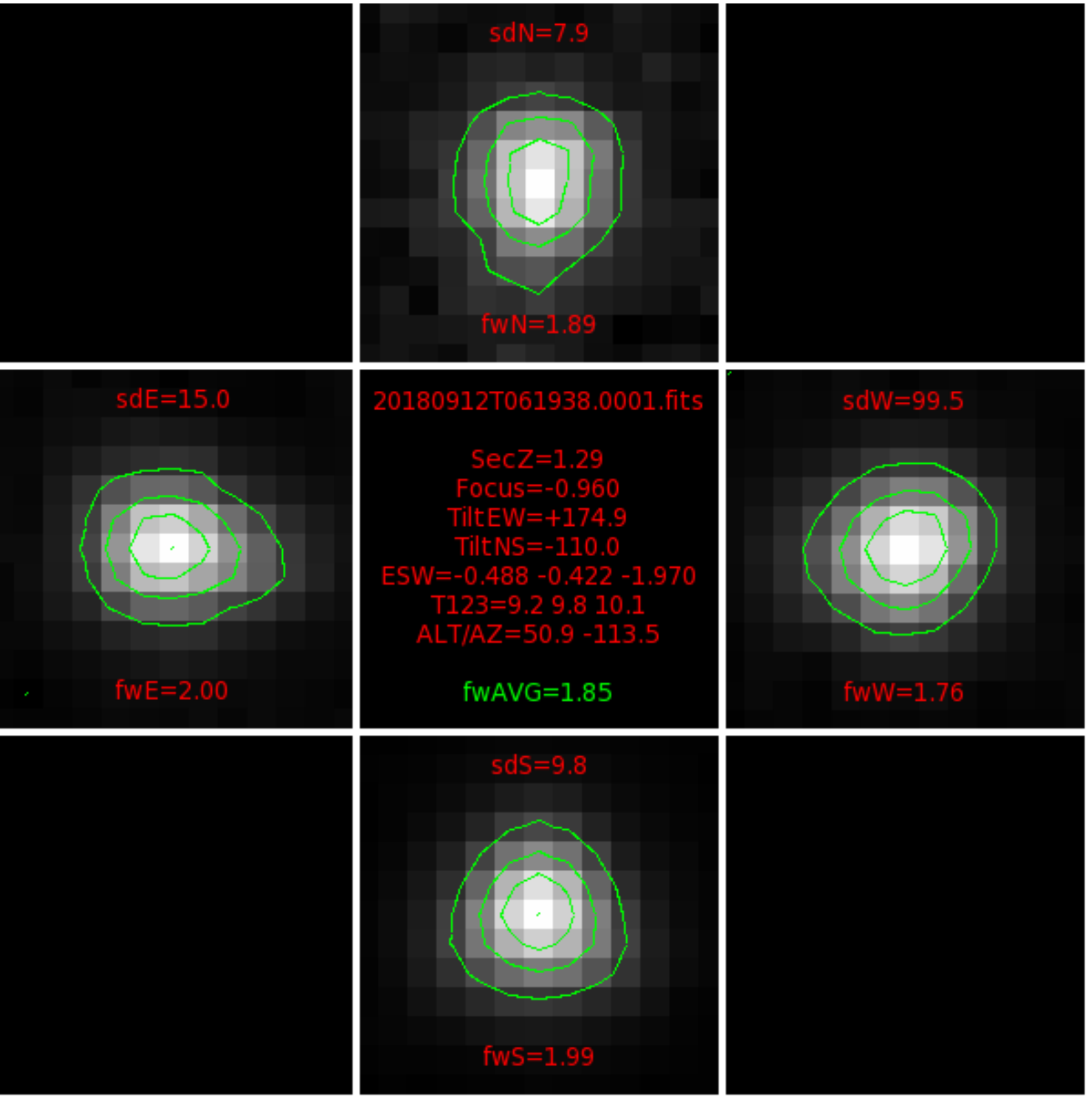
sdN=7.9
fwN=1.89
sdE=15.0
fwE=2.00
20180912T061938.0001.fits
SecZ=1.29
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=9.2 9.8 10.1
ALT/AZ=50.9 -113.5
fwAVG=1.85
sdW=99.5
fwW=1.76
sdS=9.8
fwS=1.99
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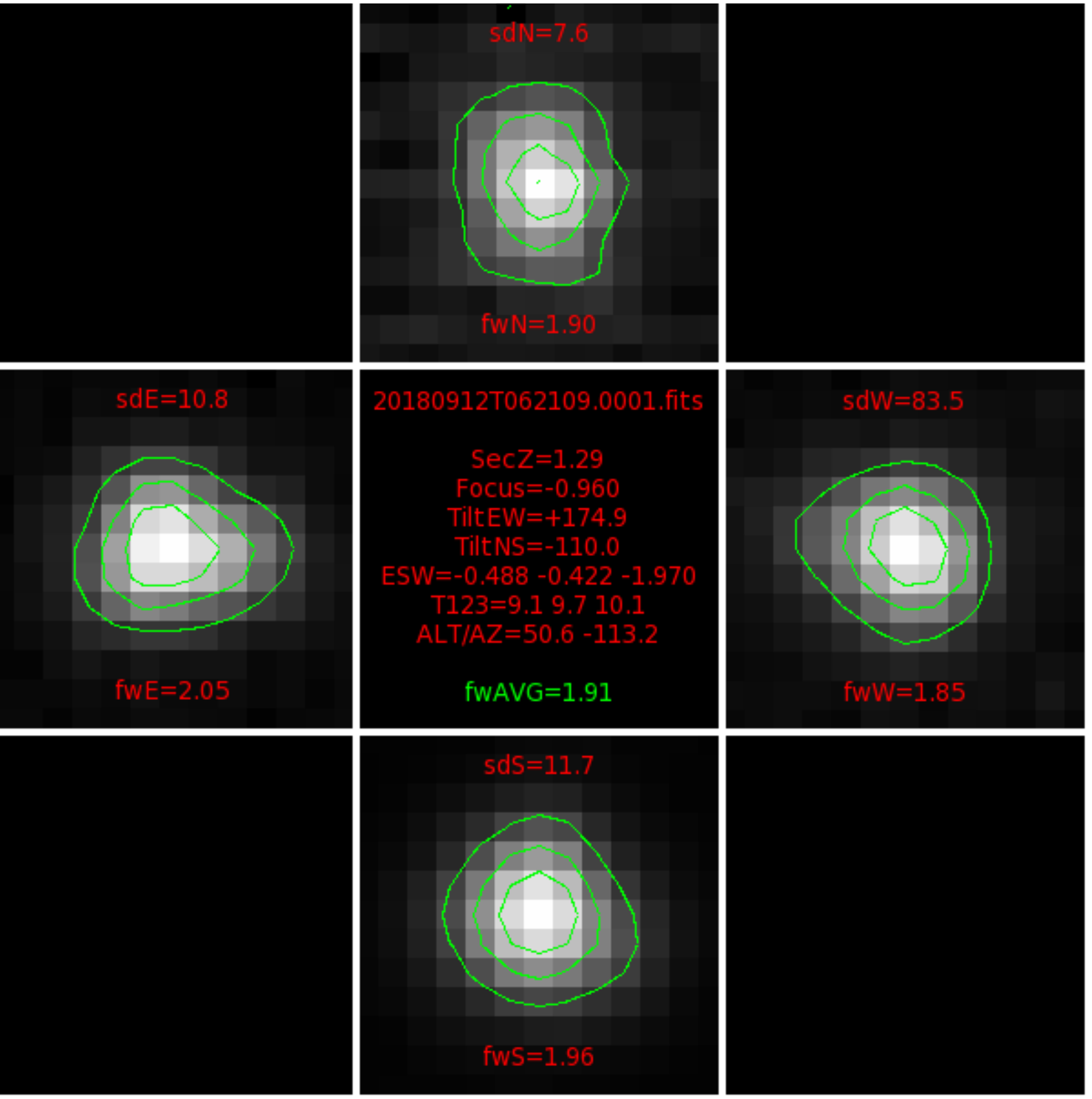
sdN=7.6
fwN=1.90
sdE=10.8
fwE=2.05
20180912T062109.0001.fits
SecZ=1.29
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=9.1 9.7 10.1
ALT/AZ=50.6 -113.2
fwAVG=1.91
sdW=83.5
fwW=1.85
sdS=11.7
fwS=1.96
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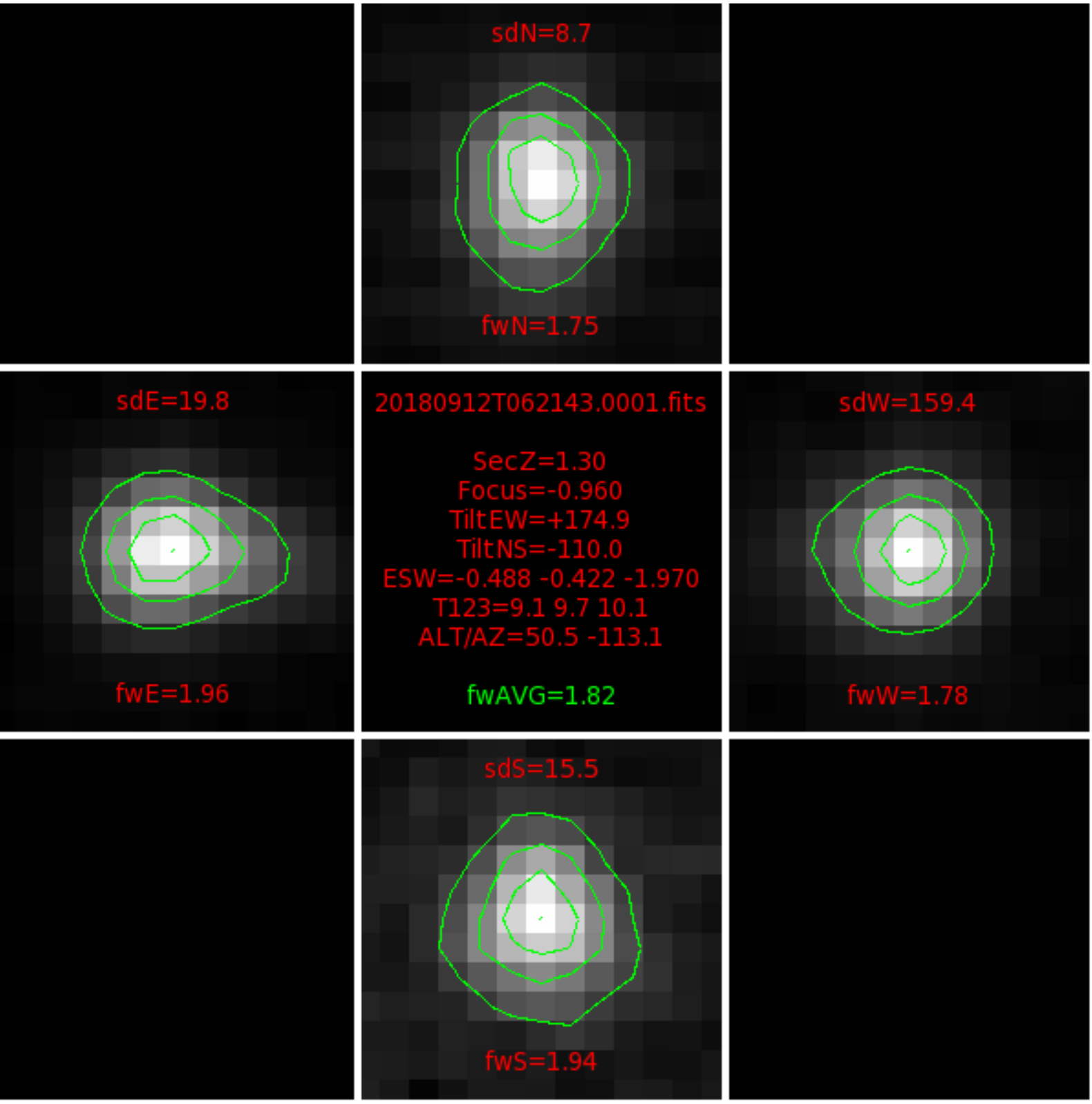
sdN=8.7
fwN=1.75
sdE=19.8
fwE=1.96
20180912T062143.0001.fits
SecZ=1.30
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=9.1 9.7 10.1
ALT/AZ=50.5 -113.1
fwAVG=1.82
sdW=159.4
fwW=1.78
sdS=15.5
fwS=1.94
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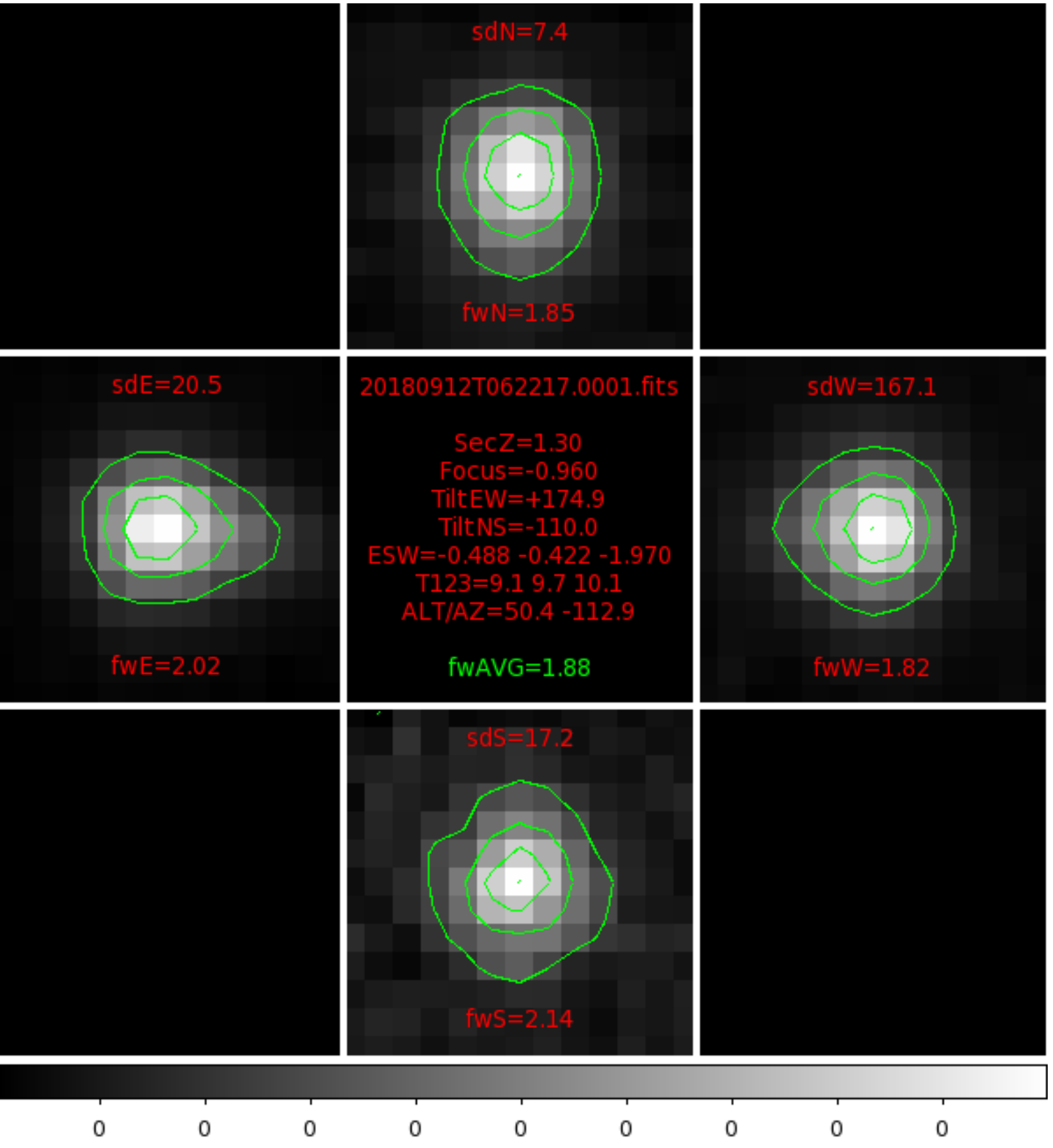
sdN=7.4
fwN=1.85
sdE=20.5
fwE=2.02
20180912T062217.0001.fits
SecZ=1.30
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=9.1 9.7 10.1
ALT/AZ=50.4 -112.9
fwAVG=1.88
sdW=167.1
fwW=1.82
sdS=17.2
fwS=2.14
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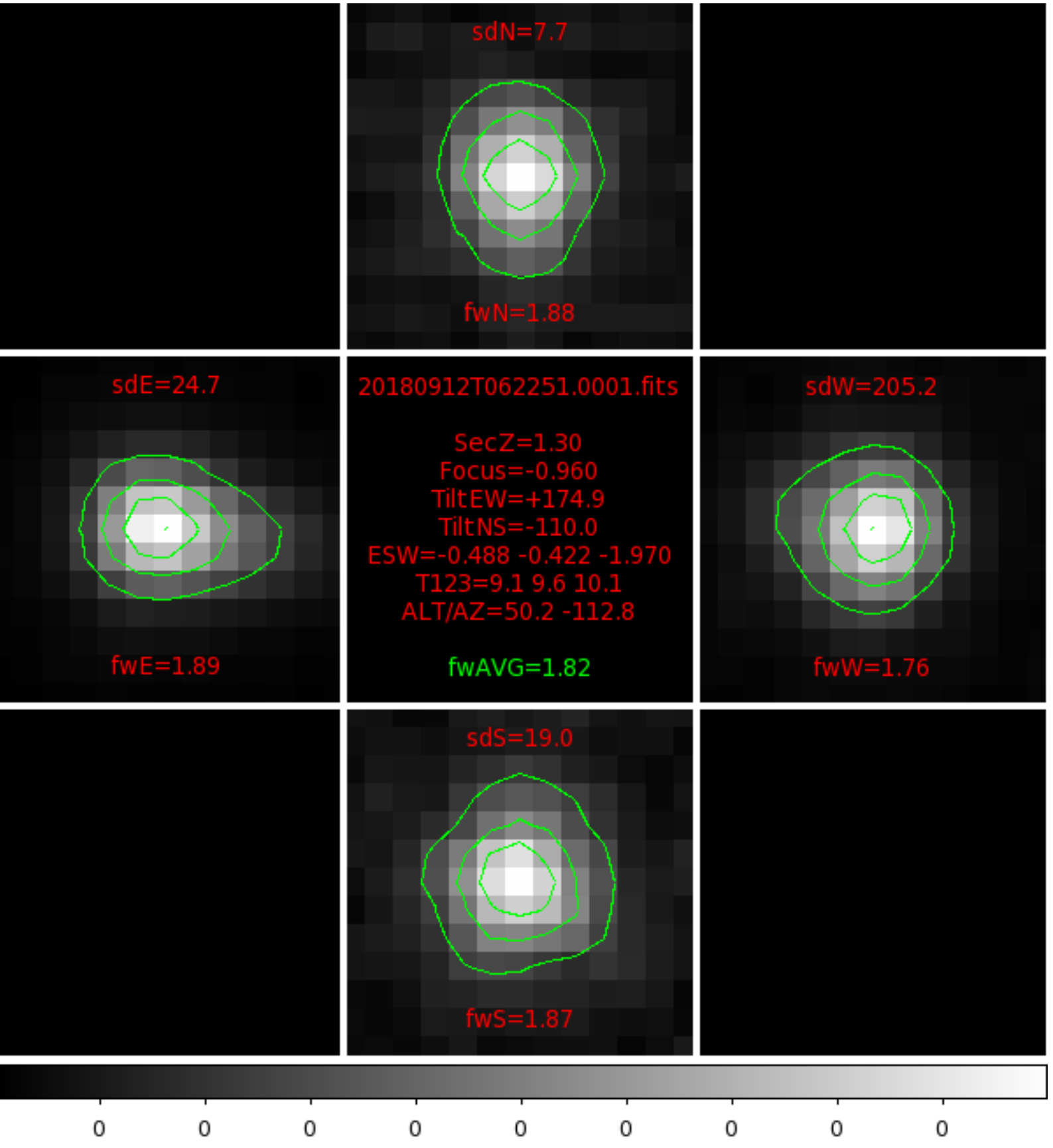
sdN=7.7
fwN=1.88
sdE=24.7
fwE=1.89
20180912T062251.0001.fits
SecZ=1.30
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=9.1 9.6 10.1
ALT/AZ=50.2 -112.8
fwAVG=1.82
sdW=205.2
fwW=1.76
sdS=19.0
fwS=1.87
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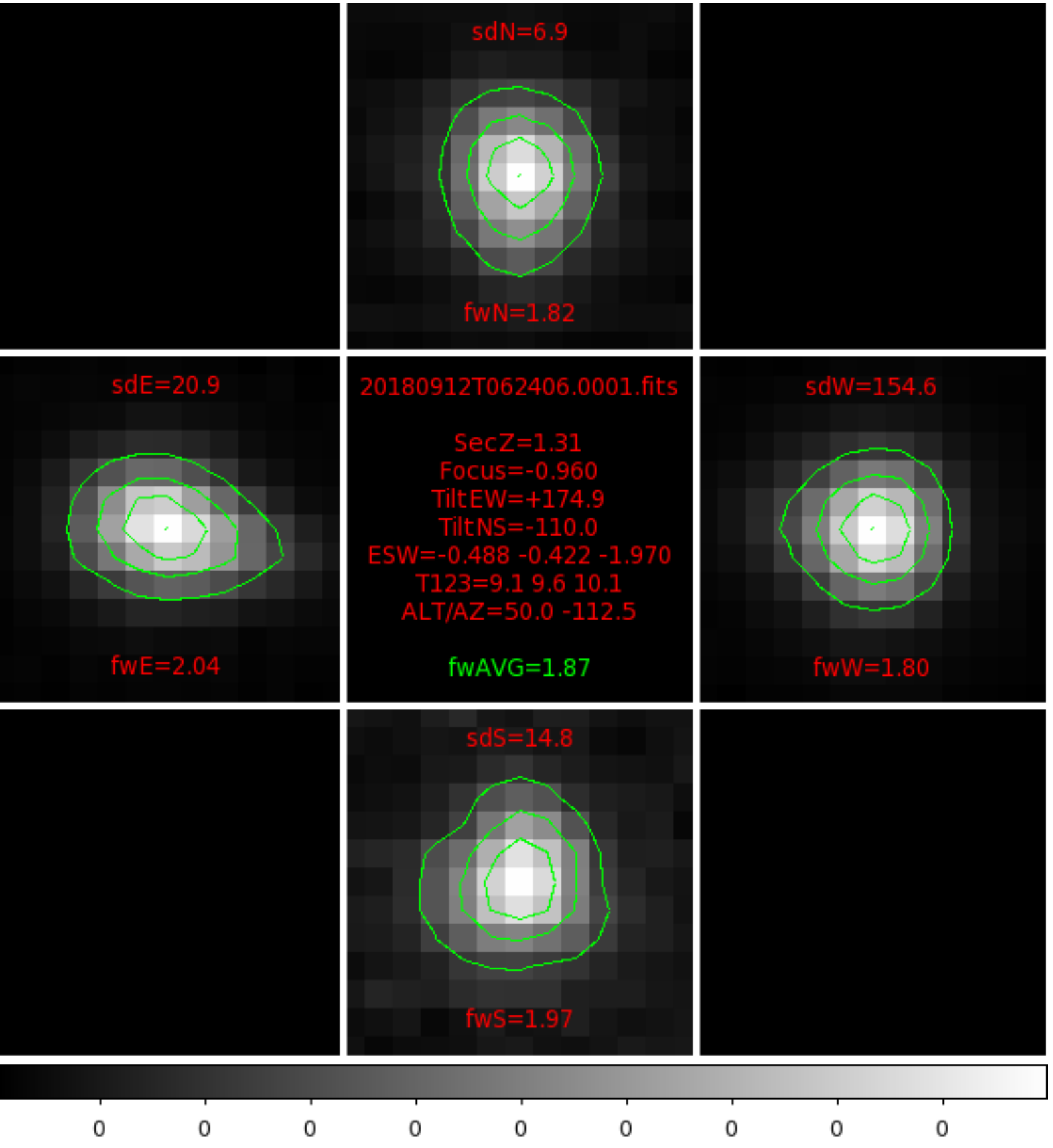
sdN=6.9
fwN=1.82
sdE=20.9
fwE=2.04
20180912T062406.0001.fits
SecZ=1.31
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=9.1 9.6 10.1
ALT/AZ=50.0 -112.5
fwAVG=1.87
sdW=154.6
fwW=1.80
sdS=14.8
fwS=1.97
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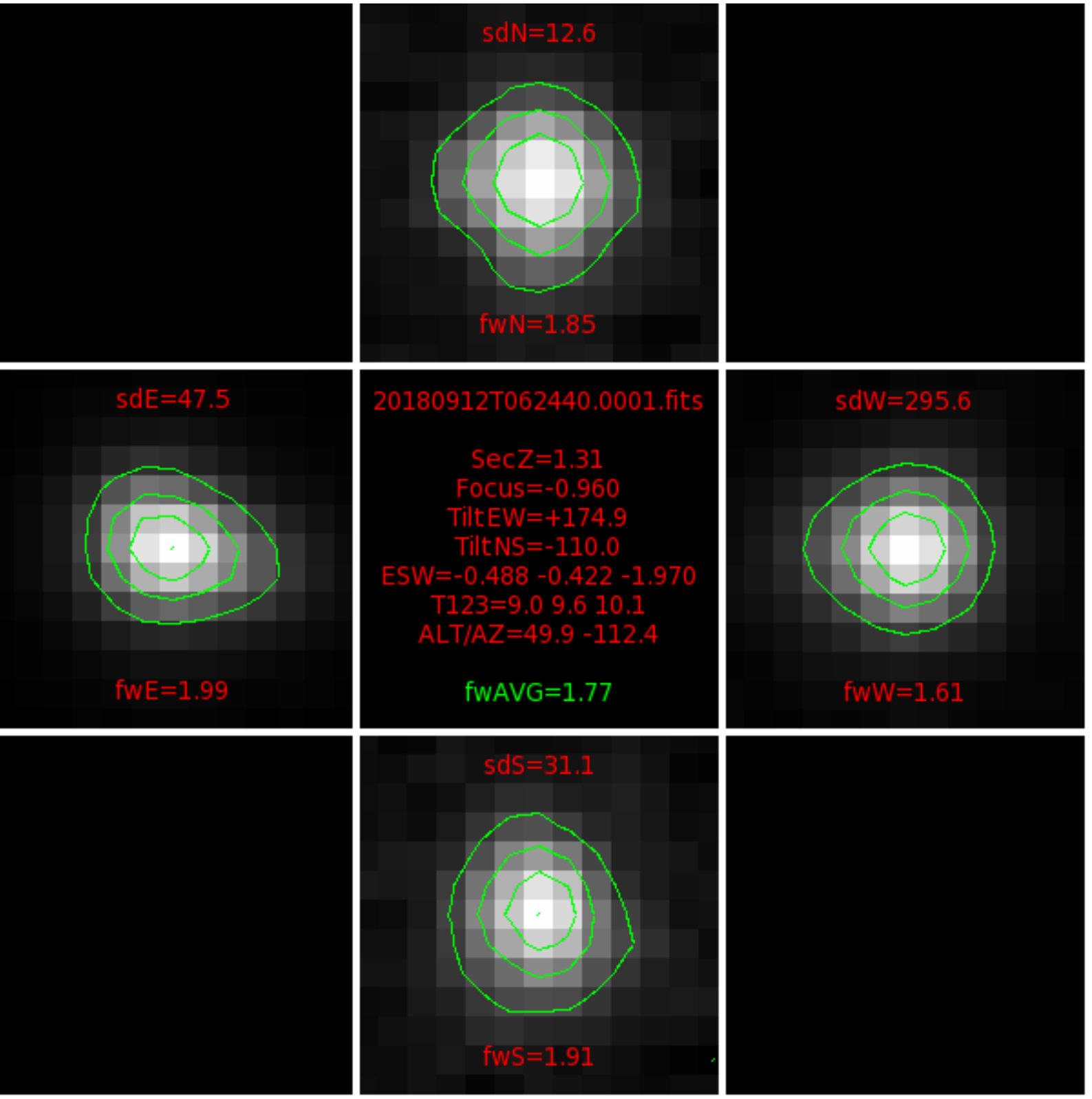
sdN=12.6
fwN=1.85
sdE=47.5
fwE=1.99
20180912T062440.0001.fits
SecZ=1.31
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=9.0 9.6 10.1
ALT/AZ=49.9 -112.4
fwAVG=1.77
sdW=295.6
fwW=1.61
sdS=31.1
fwS=1.91
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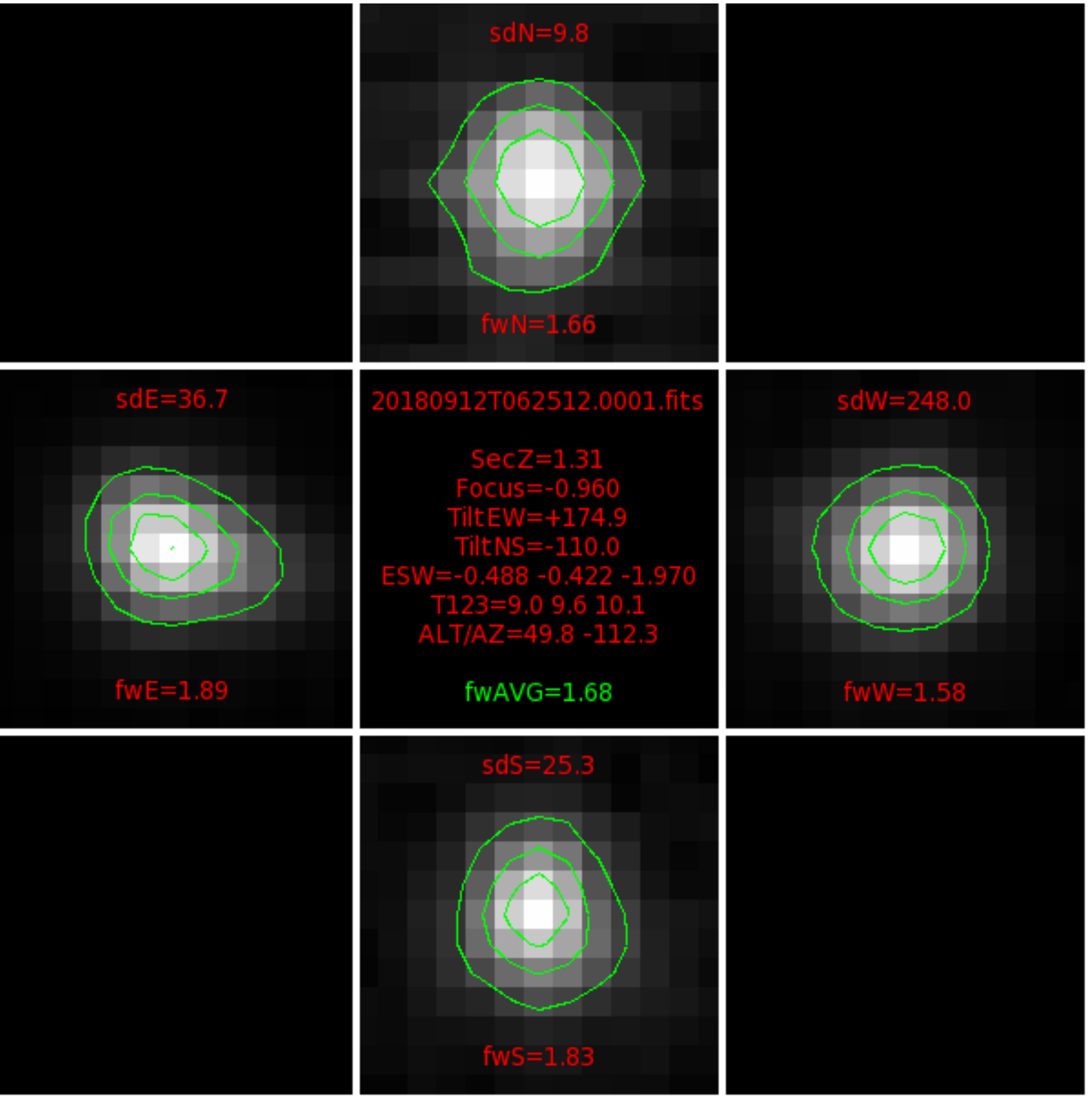
sdN=9.8
fwN=1.66
sdE=36.7
fwE=1.89
20180912T062512.0001.fits
SecZ=1.31
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=9.0 9.6 10.1
ALT/AZ=49.8 -112.3
fwAVG=1.68
sdW=248.0
fwW=1.58
sdS=25.3
fwS=1.83
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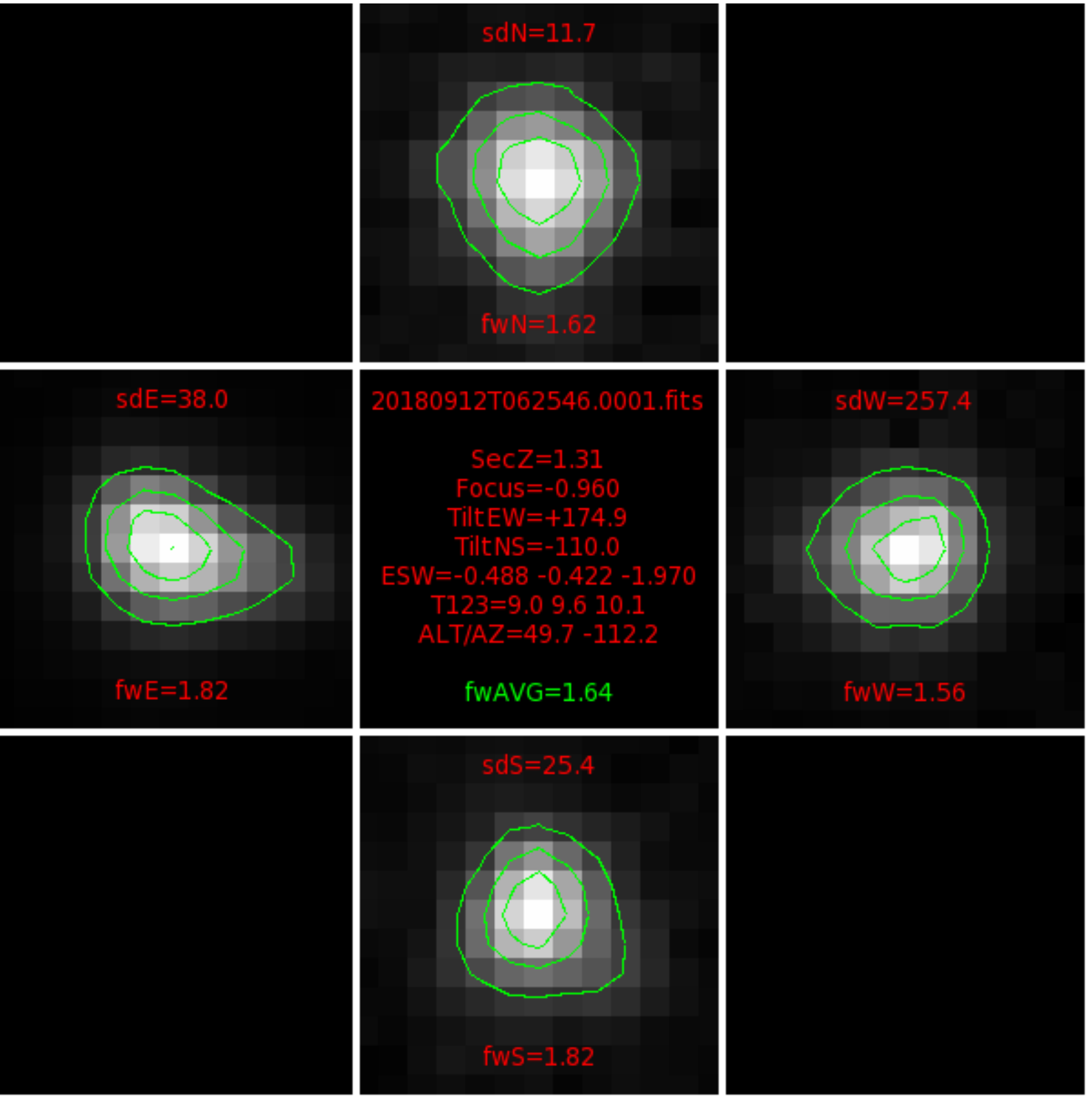
sdN=11.7
fwN=1.62
sdE=38.0
fwE=1.82
20180912T062546.0001.fits
SecZ=1.31
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=9.0 9.6 10.1
ALT/AZ=49.7 -112.2
fwAVG=1.64
sdW=257.4
fwW=1.56
sdS=25.4
fwS=1.82
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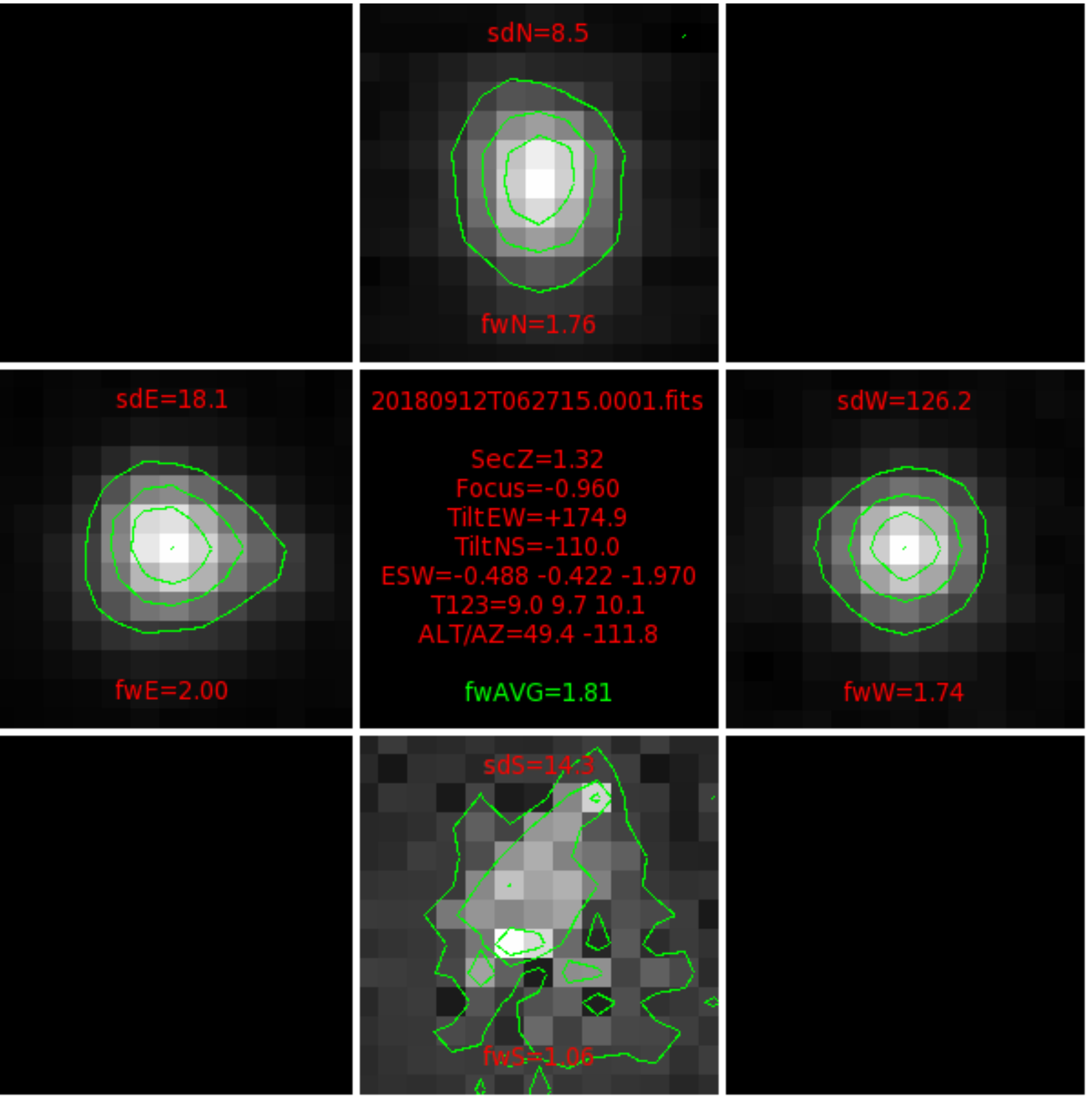
sdN=8.5
fwN=1.76
sdE=18.1
fwE=2.00
20180912T062715.0001.fits
SecZ=1.32
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=9.0 9.7 10.1
ALT/AZ=49.4 -111.8
fwAVG=1.81
sdW=126.2
fwW=1.74
sdS=14.3
fwS=1.06
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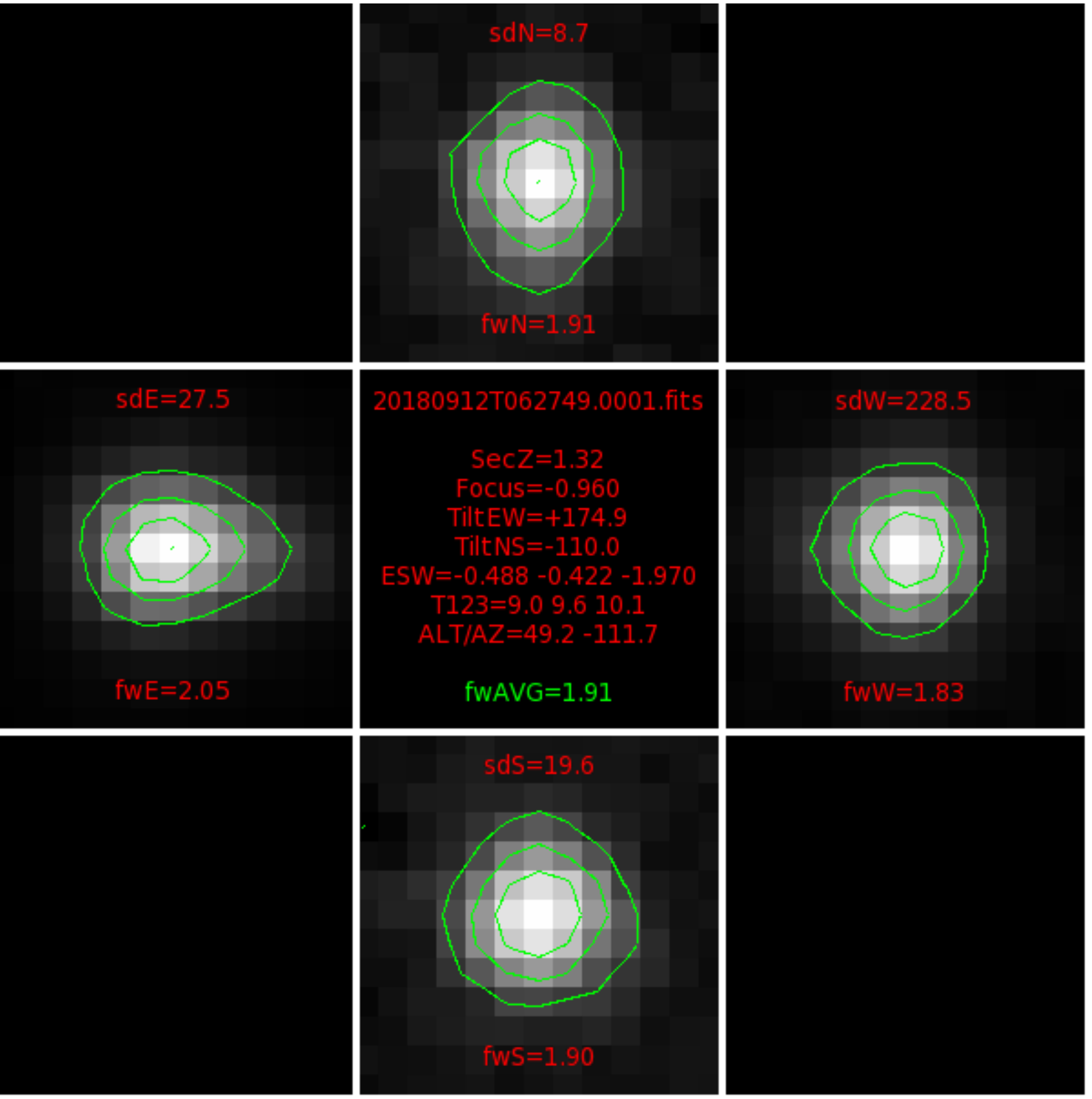
sdN=8.7
fwN=1.91
sdE=27.5
fwE=2.05
20180912T062749.0001.fits
SecZ=1.32
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=9.0 9.6 10.1
ALT/AZ=49.2 -111.7
fwAVG=1.91
sdW=228.5
fwW=1.83
sdS=19.6
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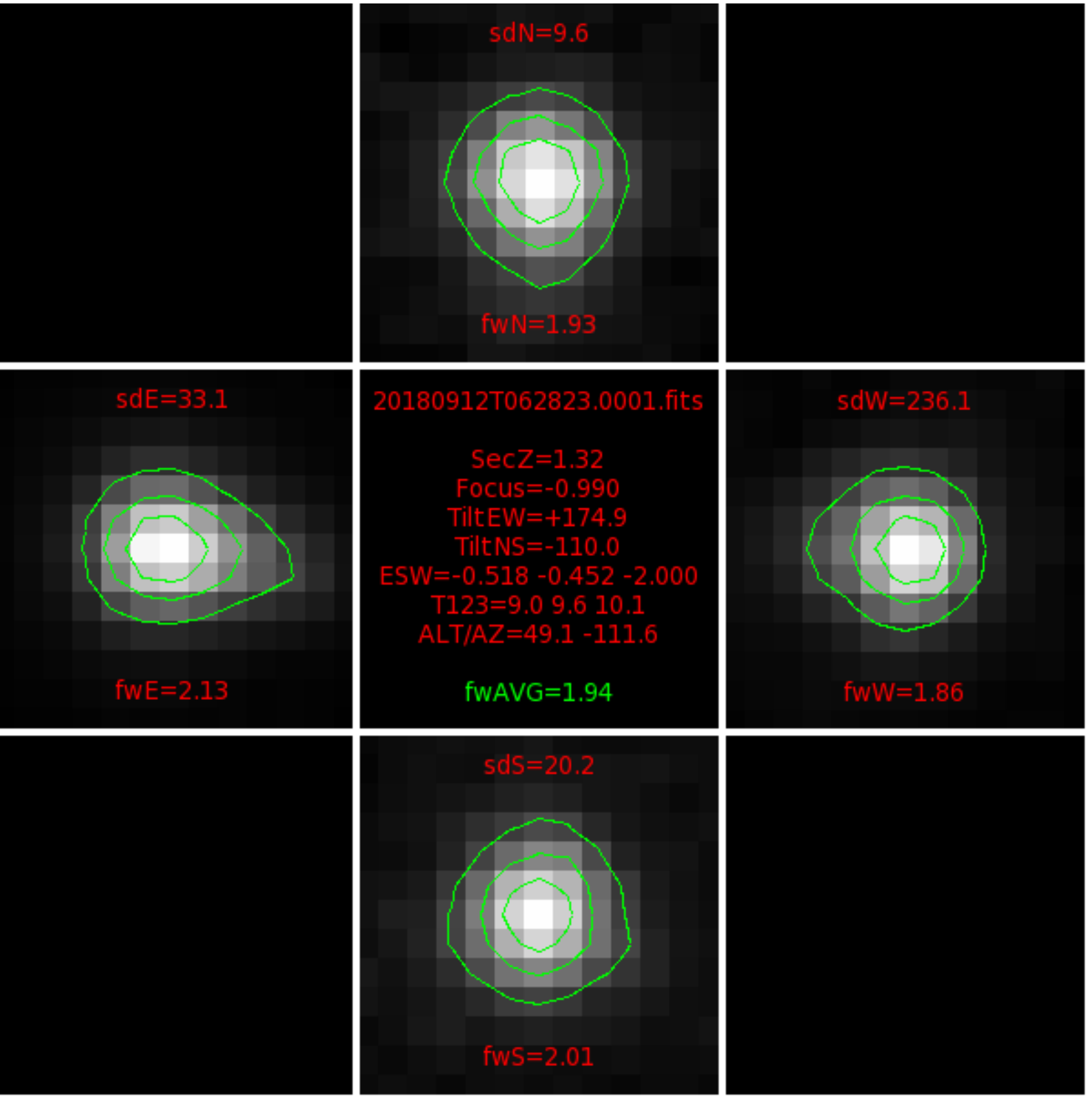
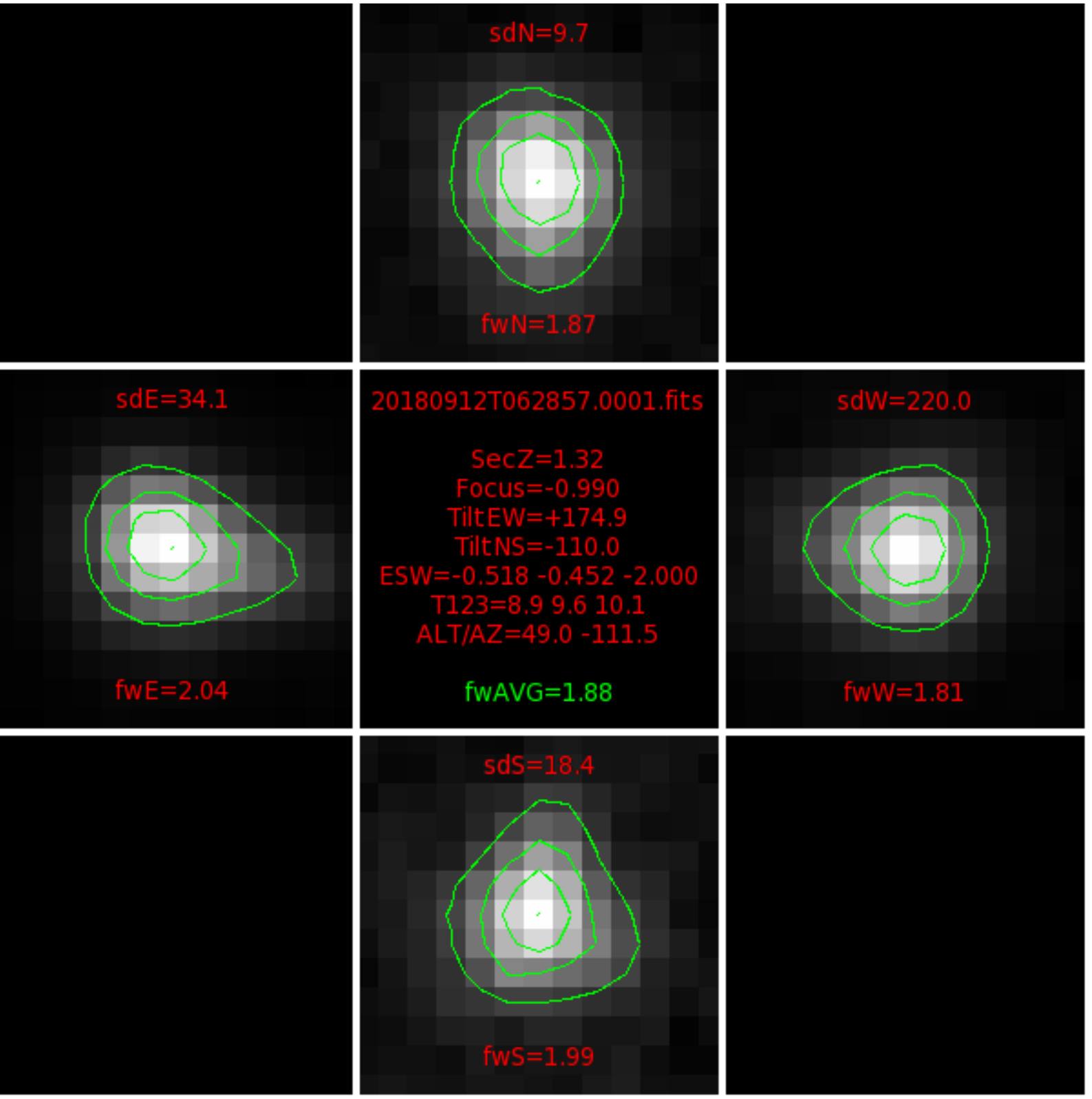

sdN=9.6
fwN=1.93
sdE=33.1
fwE=2.13
20180912T062823.0001.fits
SecZ=1.32
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=9.0 9.6 10.1
ALT/AZ=49.1 -111.6
fwAVG=1.94
sdW=236.1
fwW=1.86
sdS=20.2
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=9.7
fwN=1.87
sdE=34.1
fwE=2.04
20180912T062857.0001.fits
SecZ=1.32
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.9 9.6 10.1
ALT/AZ=49.0 -111.5
fwAVG=1.88
sdW=220.0
fwW=1.81
sdS=18.4
fwS=1.99
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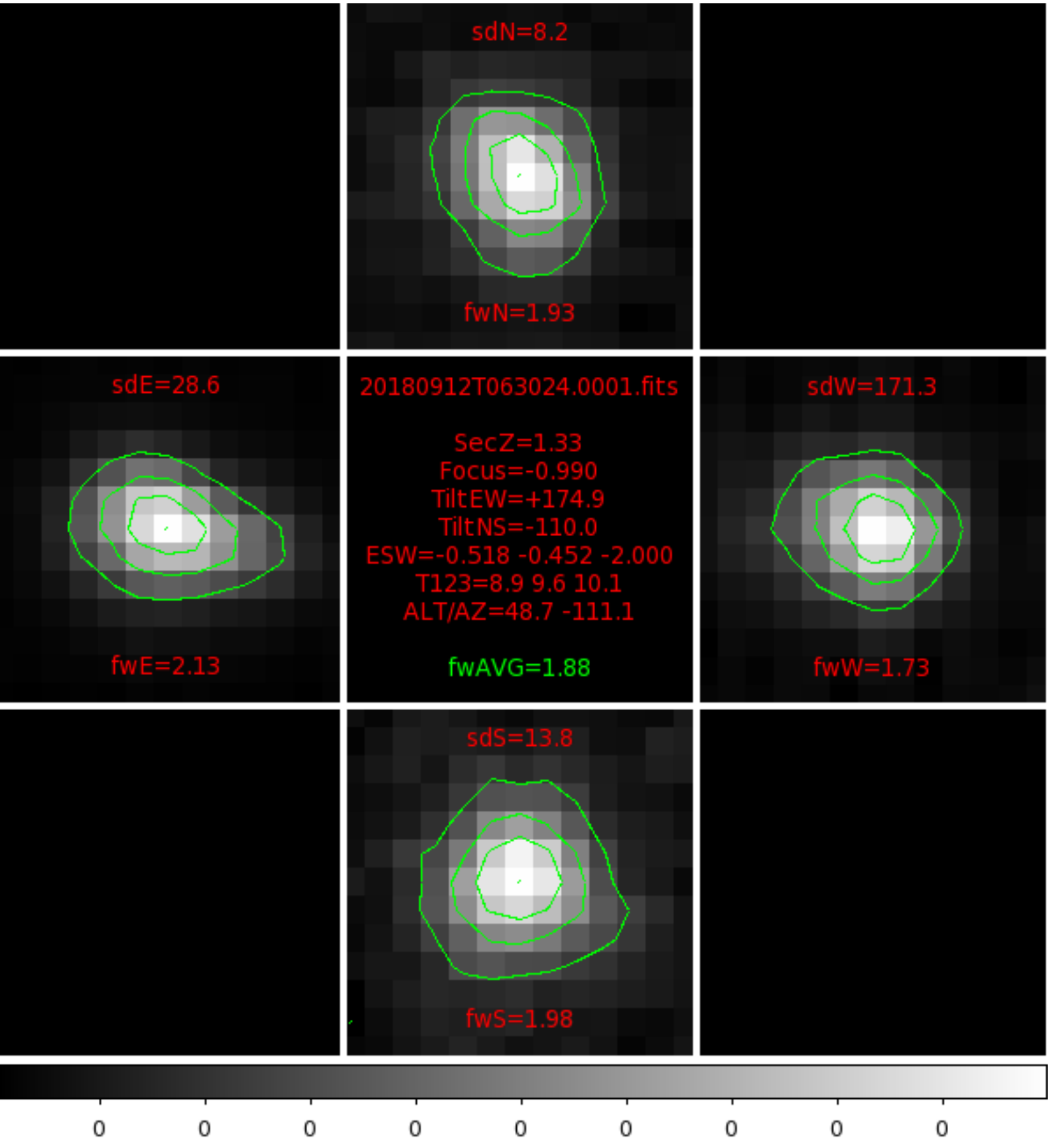
sdN=8.2
fwN=1.93
sdE=28.6
fwE=2.13
20180912T063024.0001.fits
SecZ=1.33
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.9 9.6 10.1
ALT/AZ=48.7 -111.1
fwAVG=1.88
sdW=171.3
fwW=1.73
sdS=13.8
fwS=1.98
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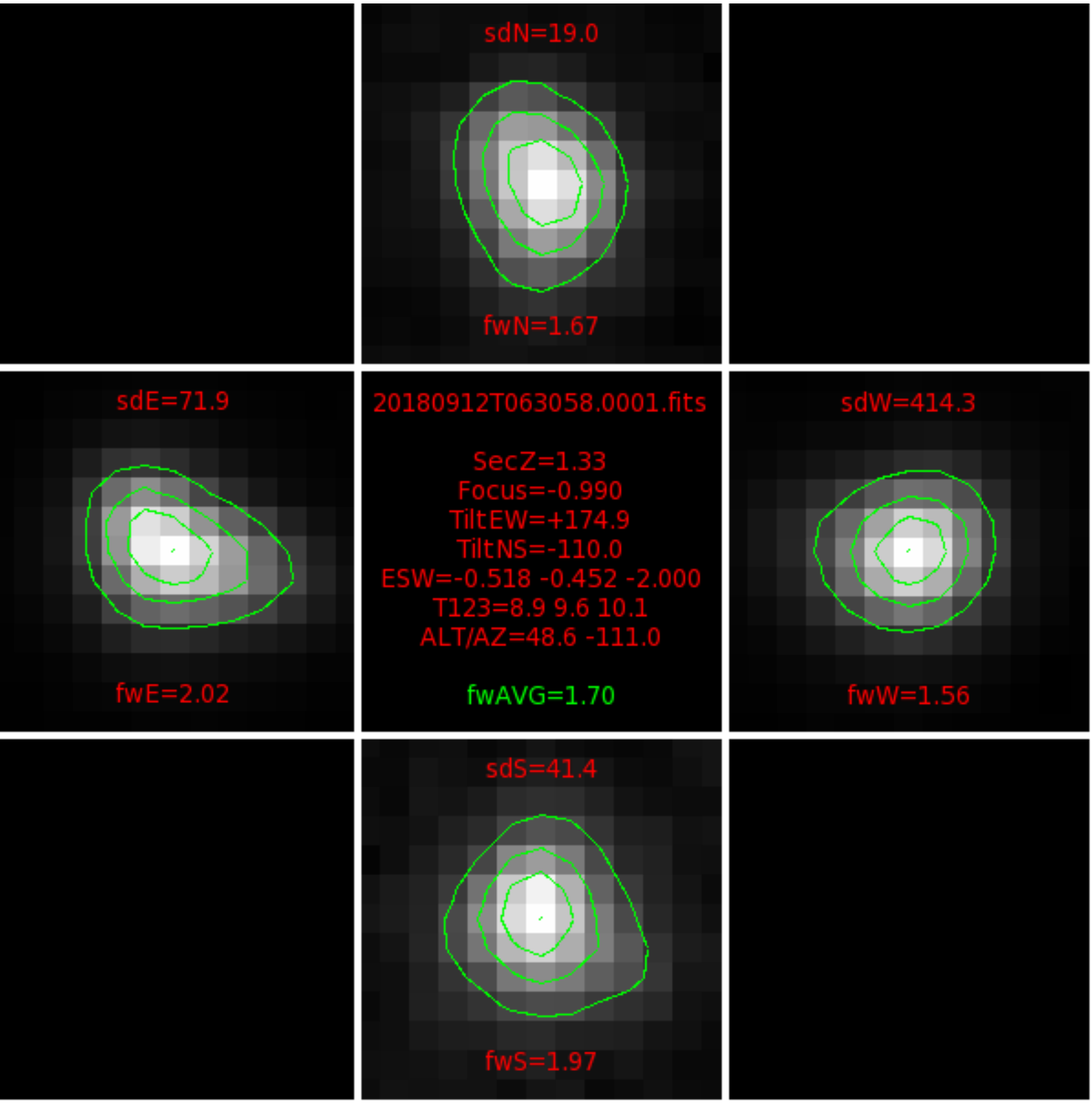
sdN=19.0
fwN=1.67
sdE=71.9
fwE=2.02
20180912T063058.0001.fits
SecZ=1.33
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.9 9.6 10.1
ALT/AZ=48.6 -111.0
fwAVG=1.70
sdW=414.3
fwW=1.56
sdS=41.4
fwS=1.97
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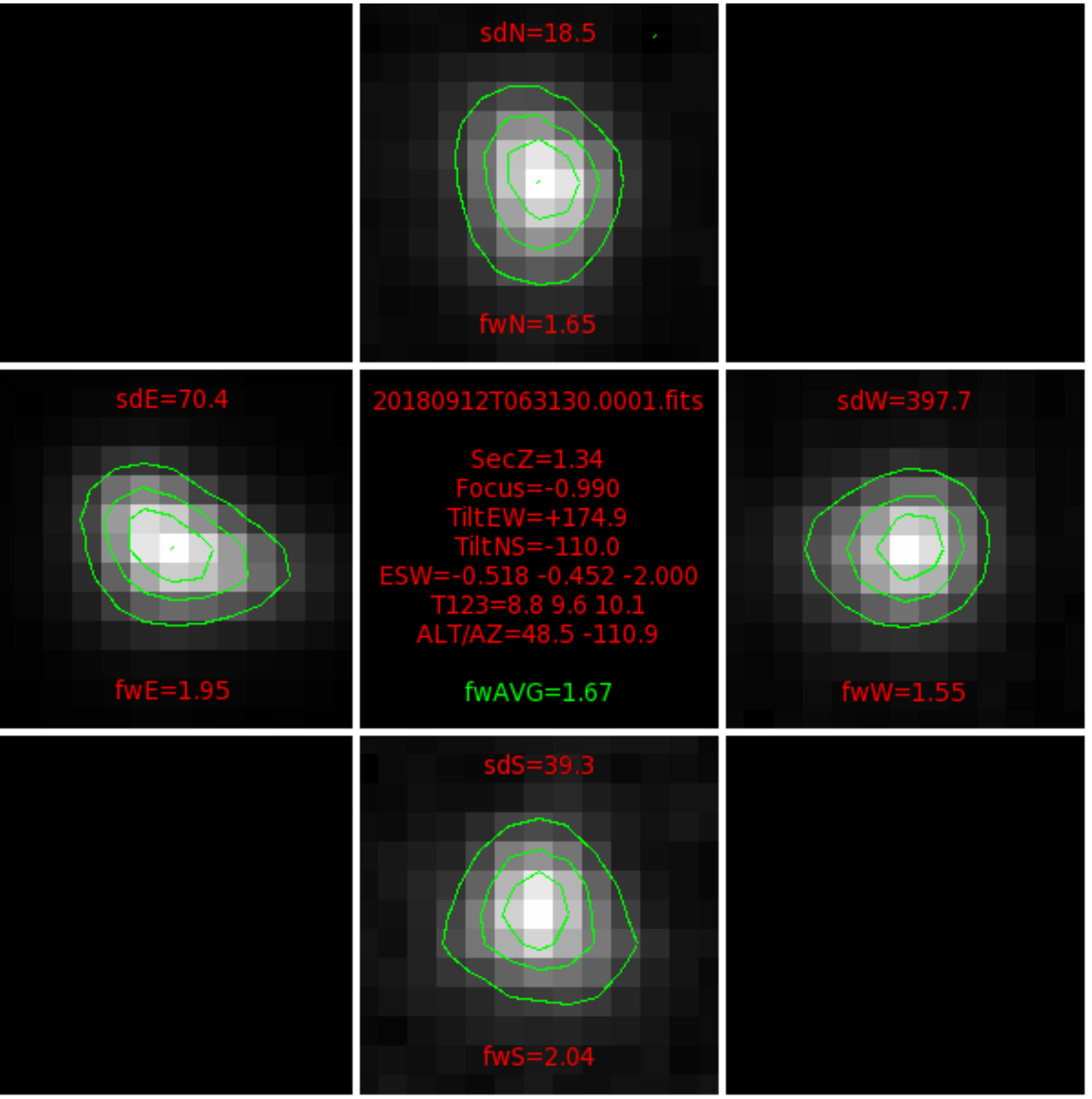
sdN=18.5
fwN=1.65
sdE=70.4
fwE=1.95
20180912T063130.0001.fits
SecZ=1.34
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.6 10.1
ALT/AZ=48.5 -110.9
fwAVG=1.67
sdW=397.7
fwW=1.55
sdS=39.3
fwS=2.04
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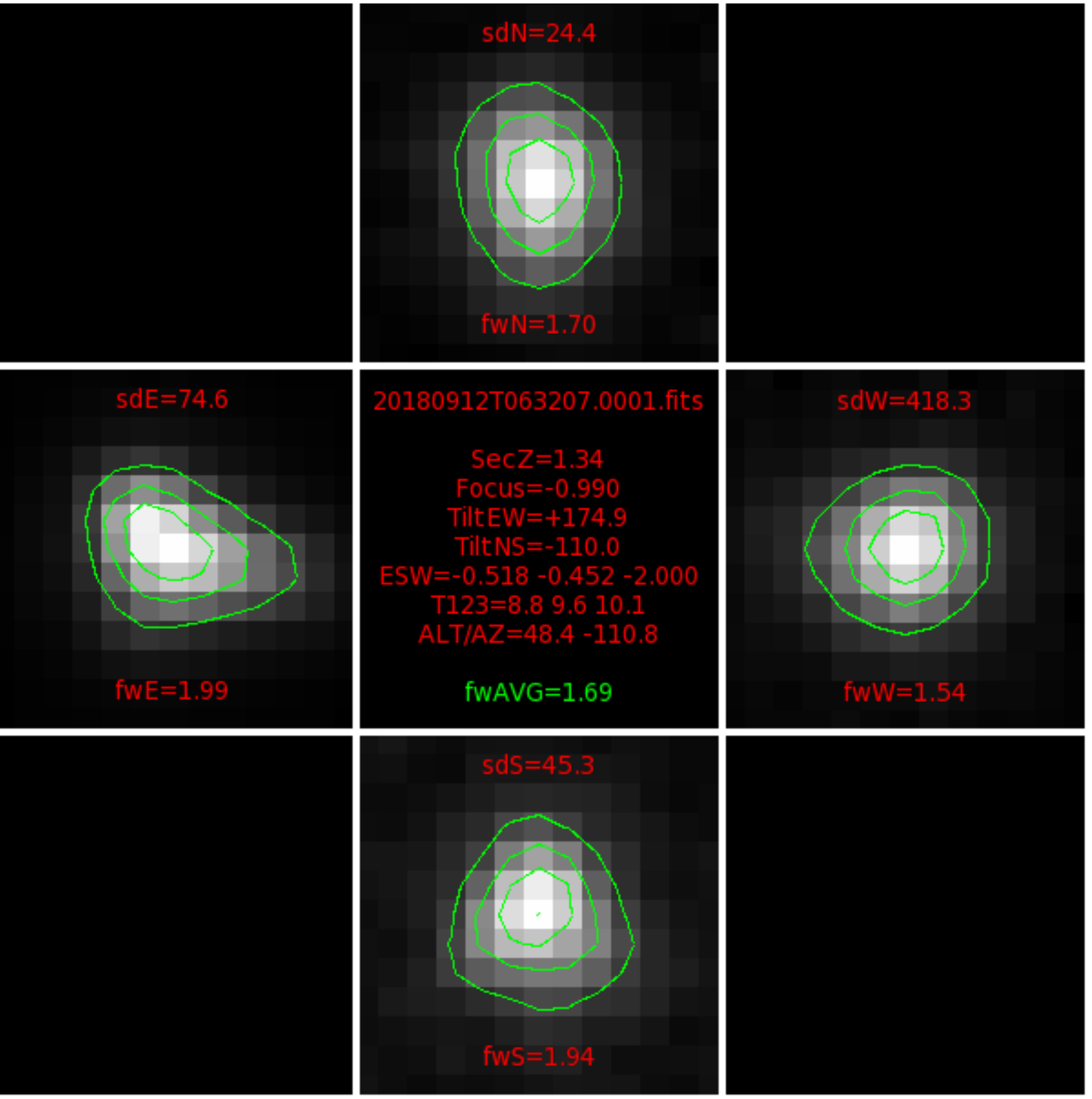
sdN=24.4
fwN=1.70
sdE=74.6
fwE=1.99
20180912T063207.0001.fits
SecZ=1.34
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.6 10.1
ALT/AZ=48.4 -110.8
fwAVG=1.69
sdW=418.3
fwW=1.54
sdS=45.3
fwS=1.94
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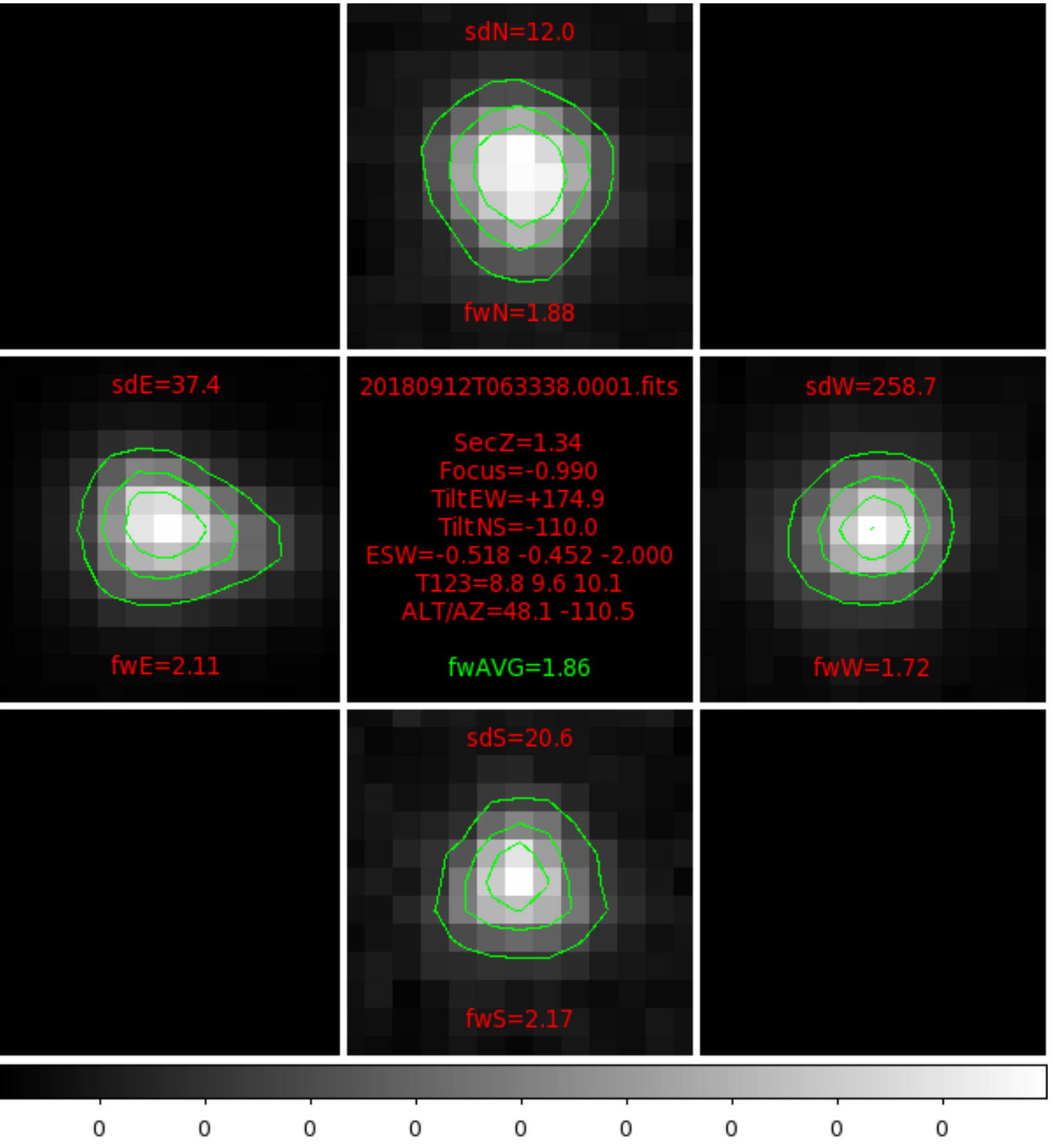
sdN=12.0
fwN=1.88
sdE=37.4
fwE=2.11
20180912T063338.0001.fits
SecZ=1.34
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.6 10.1
ALT/AZ=48.1 -110.5
fwAVG=1.86
sdW=258.7
fwW=1.72
sdS=20.6
fwS=2.17
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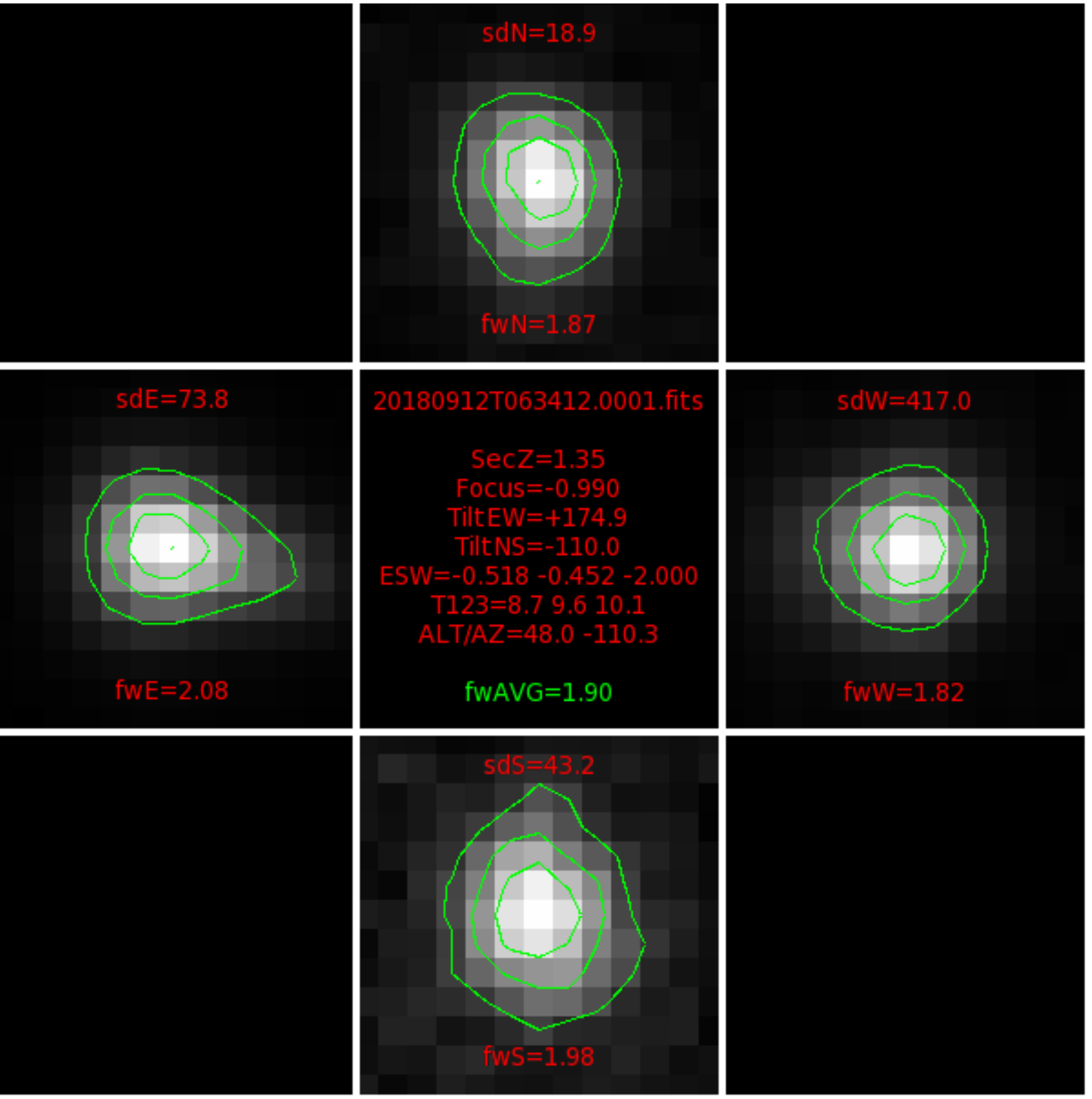
sdN=18.9
fwN=1.87
sdE=73.8
fwE=2.08
20180912T063412.0001.fits
SecZ=1.35
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.7 9.6 10.1
ALT/AZ=48.0 -110.3
fwAVG=1.90
sdW=417.0
fwW=1.82
sdS=43.2
fwS=1.98
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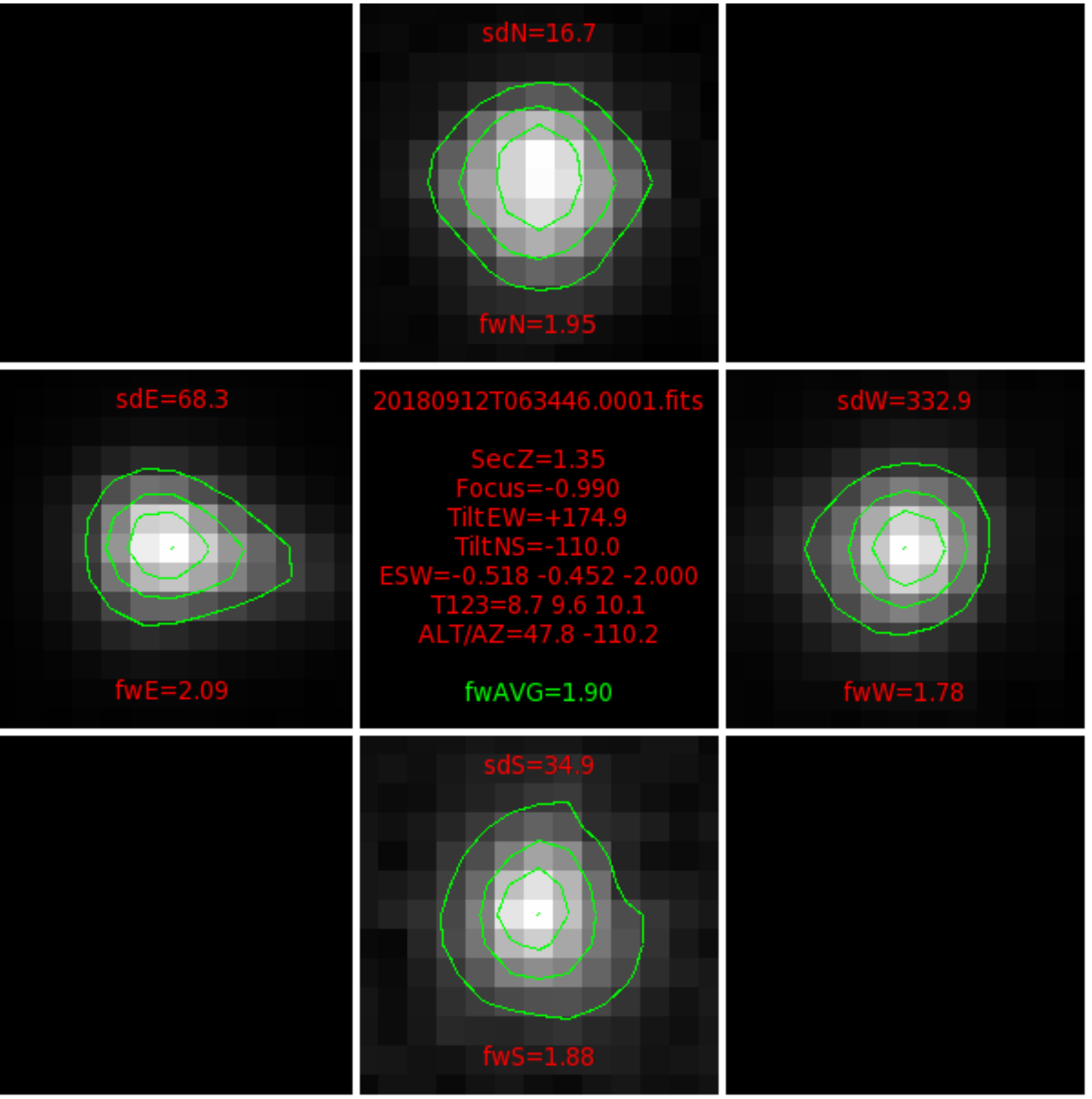
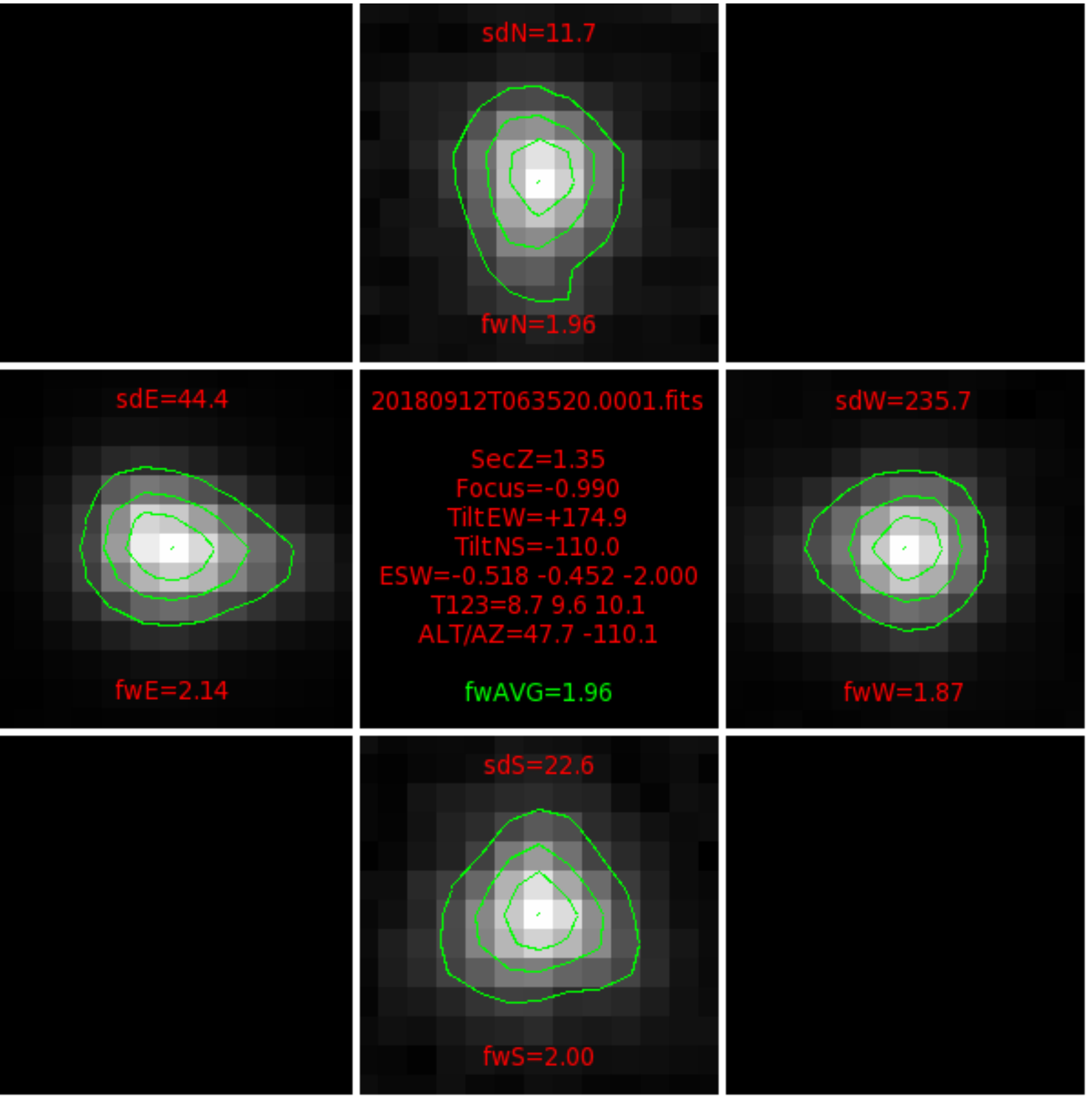

sdN=16.7
fwN=1.95
sdE=68.3
fwE=2.09
20180912T063446.0001.fits
SecZ=1.35
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.7 9.6 10.1
ALT/AZ=47.8 -110.2
fwAVG=1.90
sdW=332.9
fwW=1.78
sdS=34.9
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=11.7
fwN=1.96
sdE=44.4
fwE=2.14
20180912T063520.0001.fits
SecZ=1.35
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.7 9.6 10.1
ALT/AZ=47.7 -110.1
fwAVG=1.96
sdW=235.7
fwW=1.87
sdS=22.6
fwS=2.00
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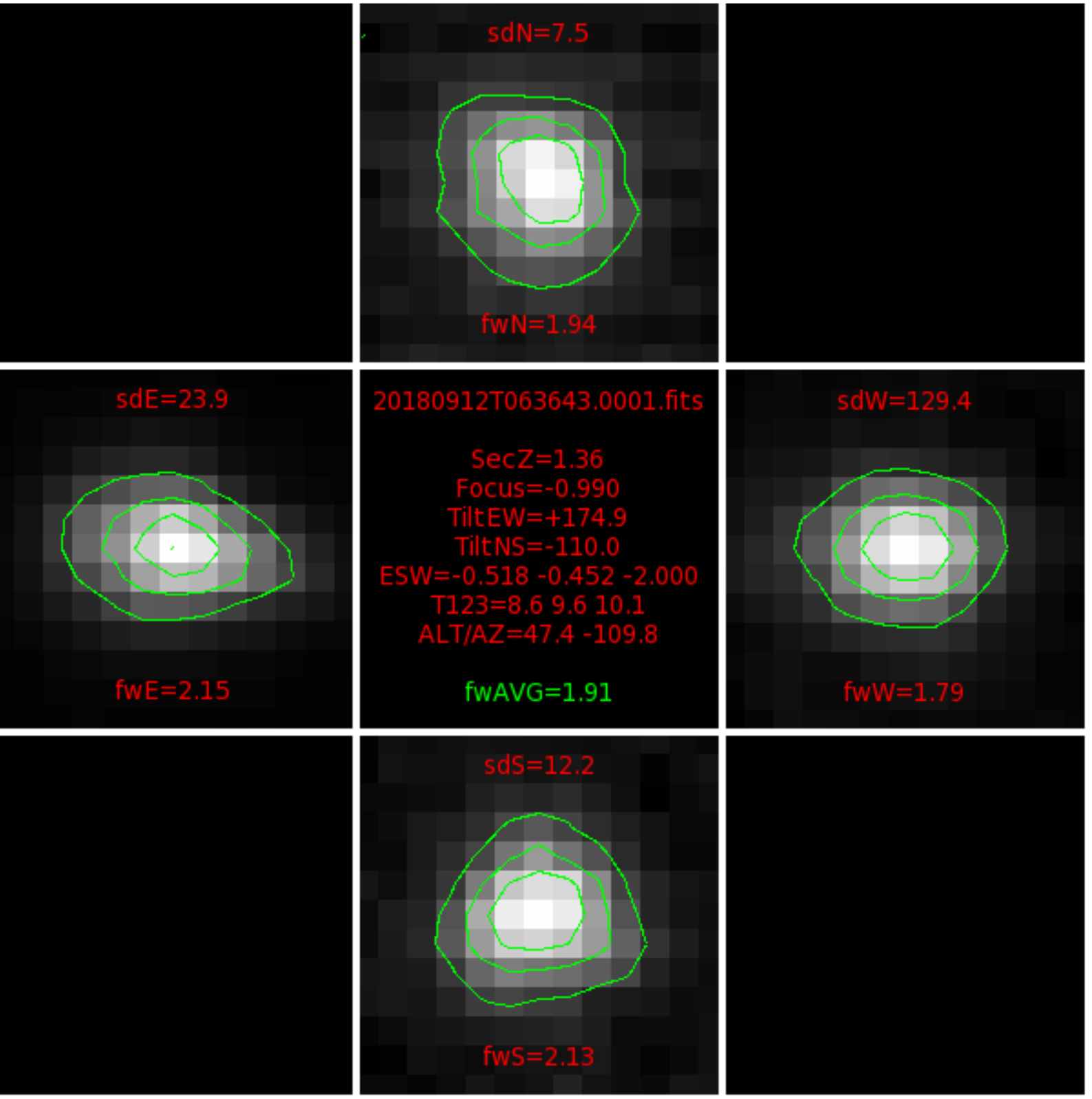
sdN=7.5
fwN=1.94
sdE=23.9
fwE=2.15
20180912T063643.0001.fits
SecZ=1.36
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.6 9.6 10.1
ALT/AZ=47.4 -109.8
fwAVG=1.91
sdW=129.4
fwW=1.79
sdS=12.2
fwS=2.13
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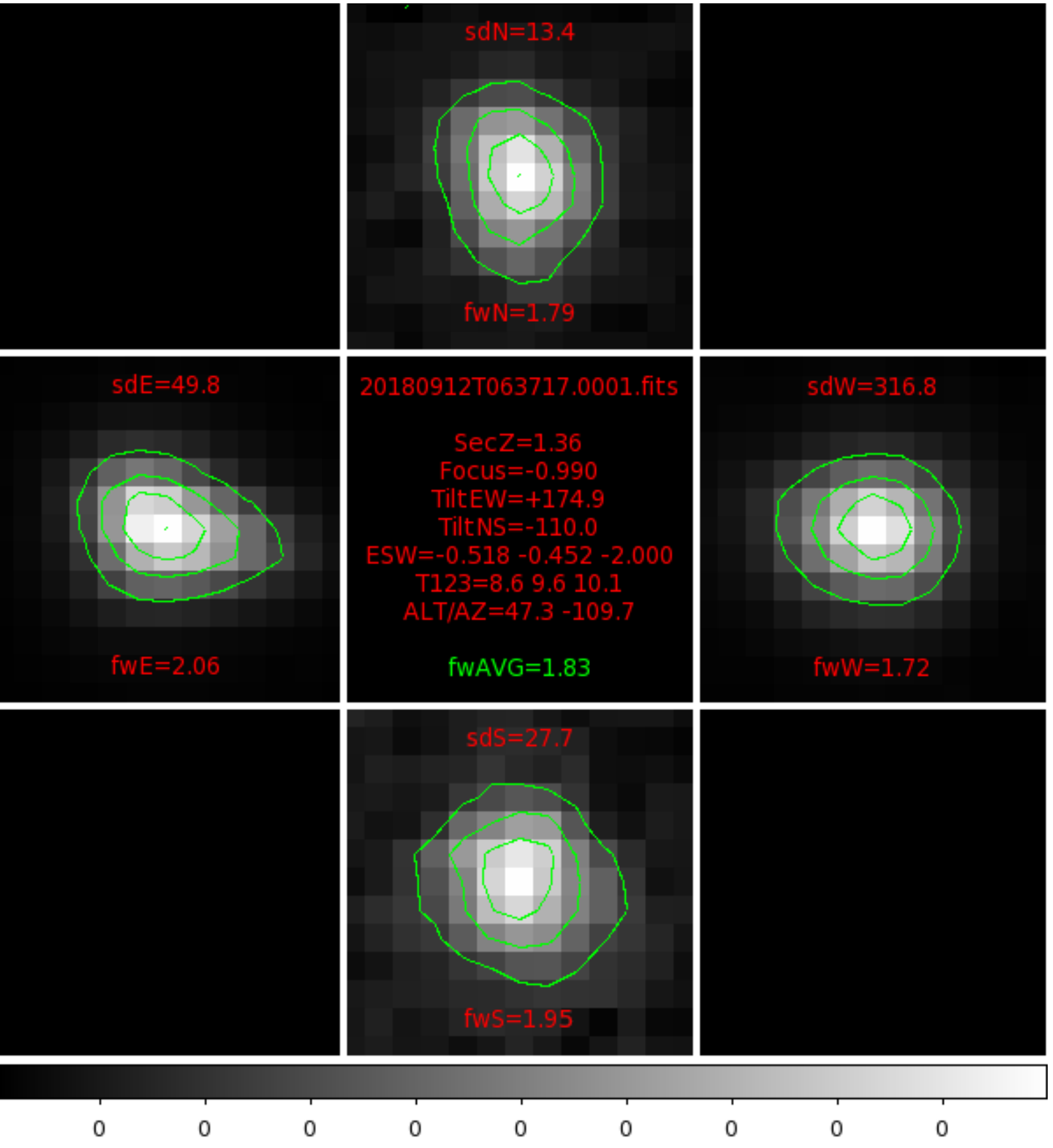
sdN=13.4
fwN=1.79
sdE=49.8
fwE=2.06
20180912T063717.0001.fits
SecZ=1.36
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.6 9.6 10.1
ALT/AZ=47.3 -109.7
fwAVG=1.83
sdW=316.8
fwW=1.72
sdS=27.7
fwS=1.95
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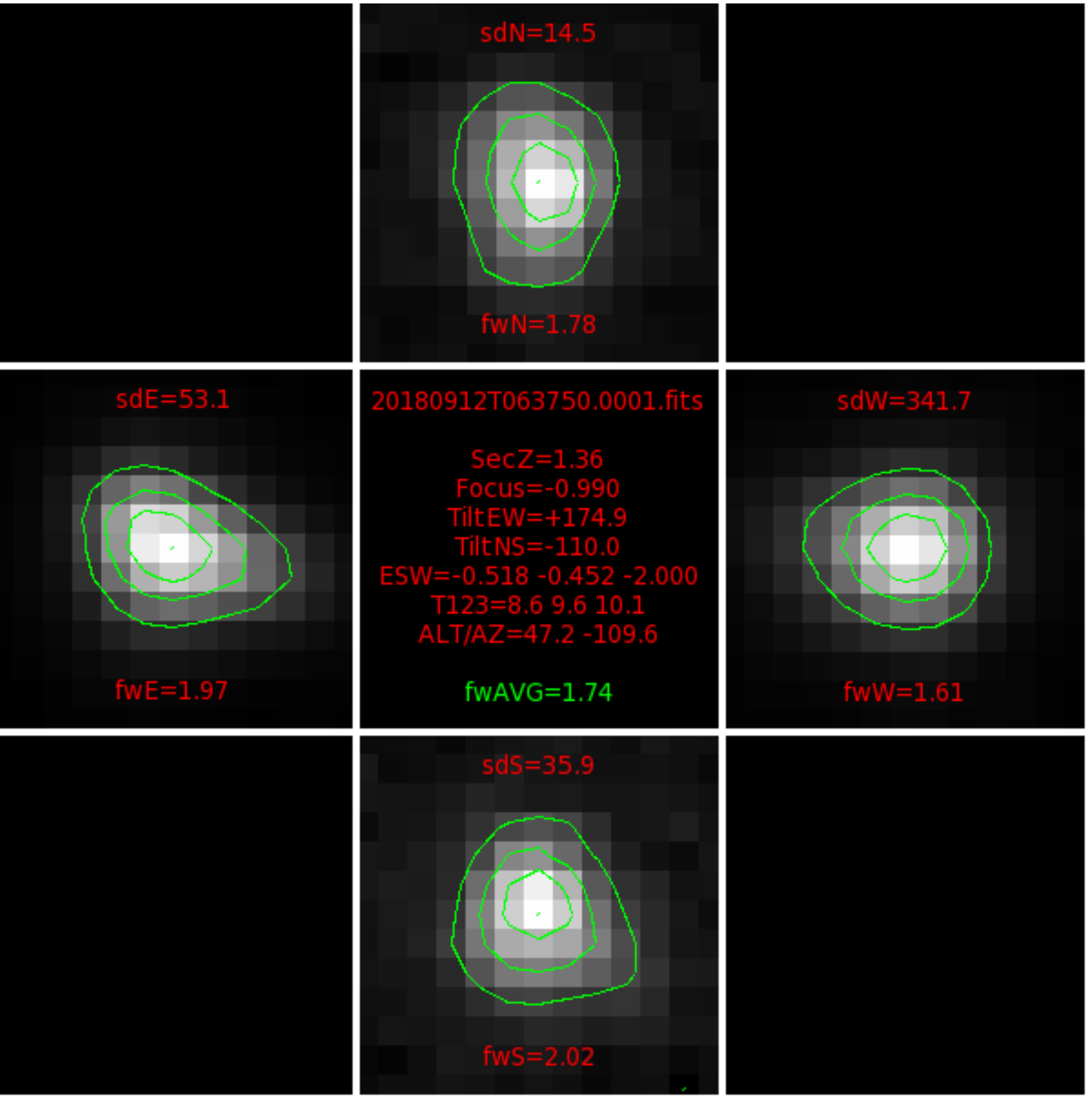
sdN=14.5
fwN=1.78
sdE=53.1
fwE=1.97
20180912T063750.0001.fits
SecZ=1.36
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.6 9.6 10.1
ALT/AZ=47.2 -109.6
fwAVG=1.74
sdW=341.7
fwW=1.61
sdS=35.9
fwS=2.02
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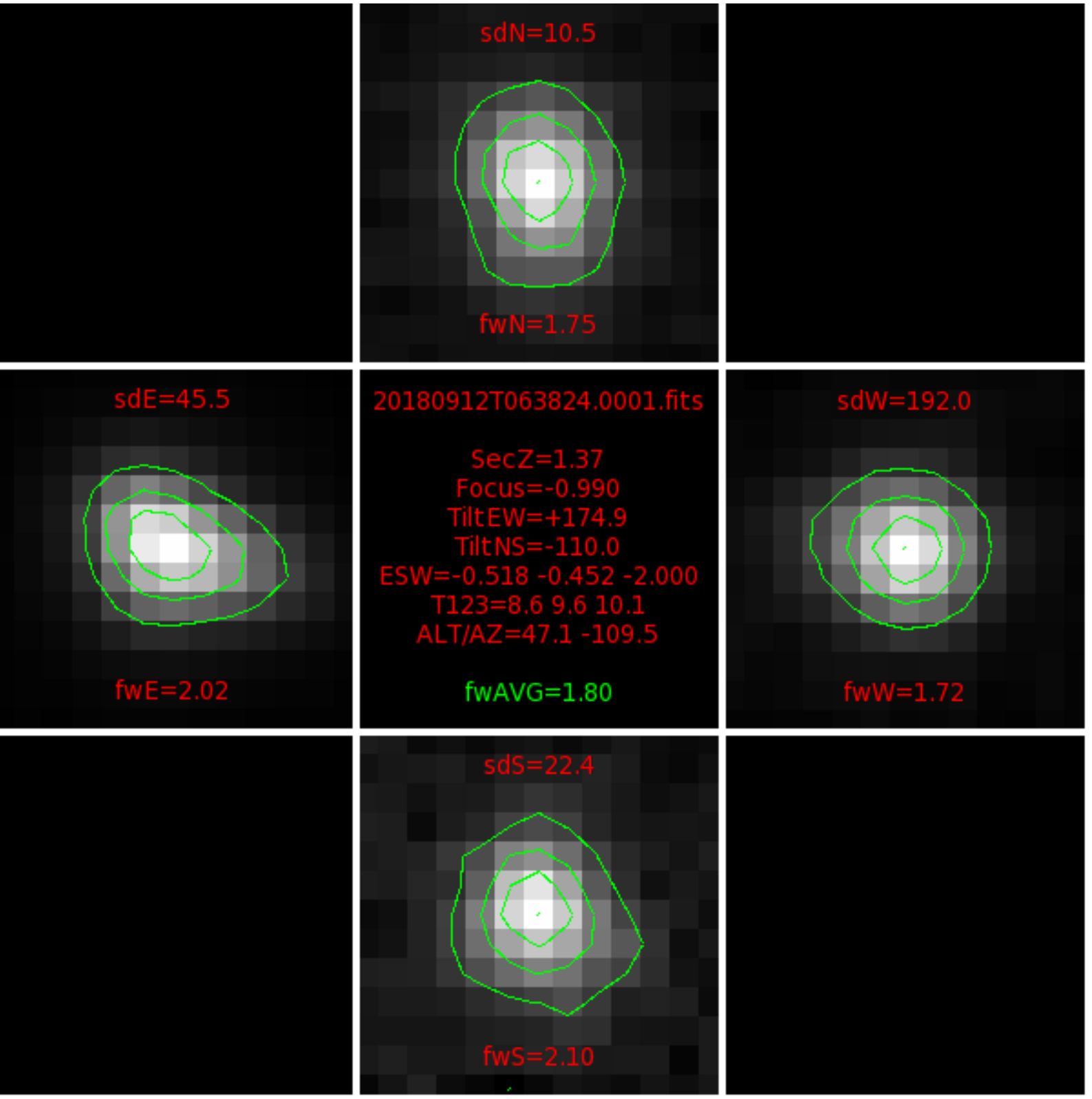
sdN=10.5
fwN=1.75
sdE=45.5
fwE=2.02
20180912T063824.0001.fits
SecZ=1.37
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.6 9.6 10.1
ALT/AZ=47.1 -109.5
fwAVG=1.80
sdW=192.0
fwW=1.72
sdS=22.4
fwS=2.10
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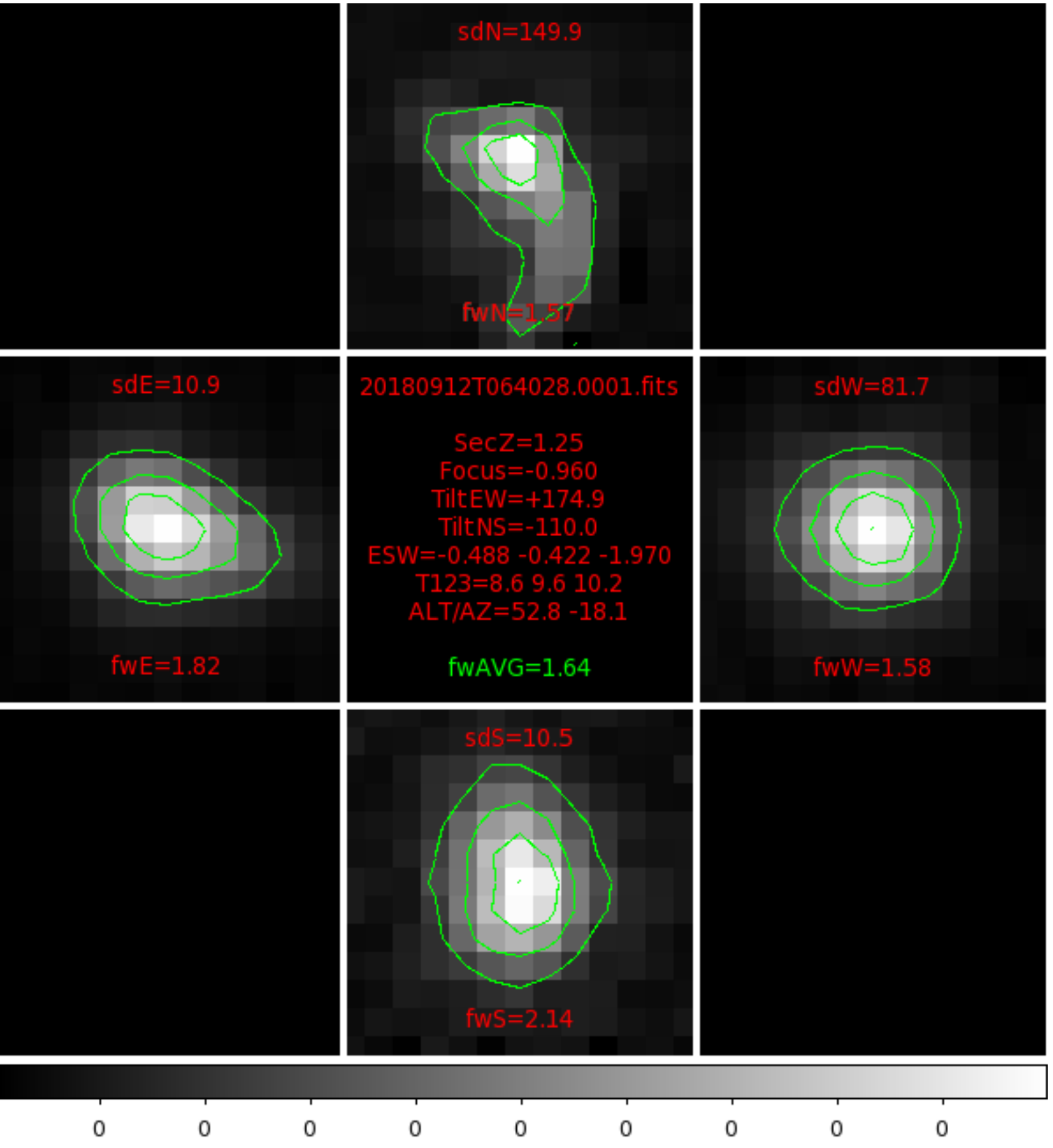
sdN=149.9
fwN=1.57
sdE=10.9
fwE=1.82
20180912T064028.0001.fits
SecZ=1.25
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=8.6 9.6 10.2
ALT/AZ=52.8 -18.1
fwAVG=1.64
sdW=81.7
fwW=1.58
sdS=10.5
fwS=2.14
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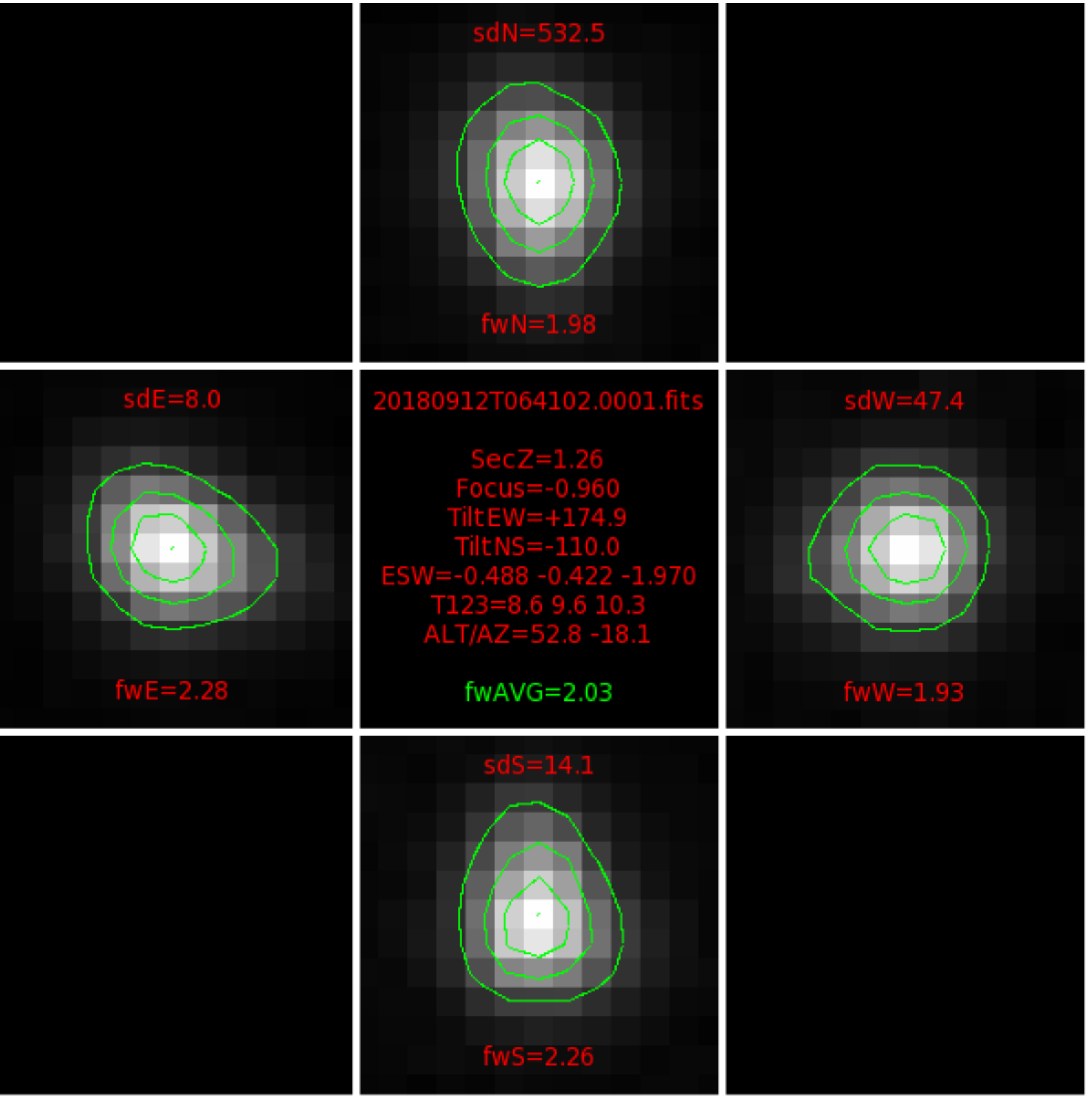
sdN=532.5
fwN=1.98
sdE=8.0
fwE=2.28
20180912T064102.0001.fits
SecZ=1.26
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=8.6 9.6 10.3
ALT/AZ=52.8 -18.1
fwAVG=2.03
sdW=47.4
fwW=1.93
sdS=14.1
fwS=2.26
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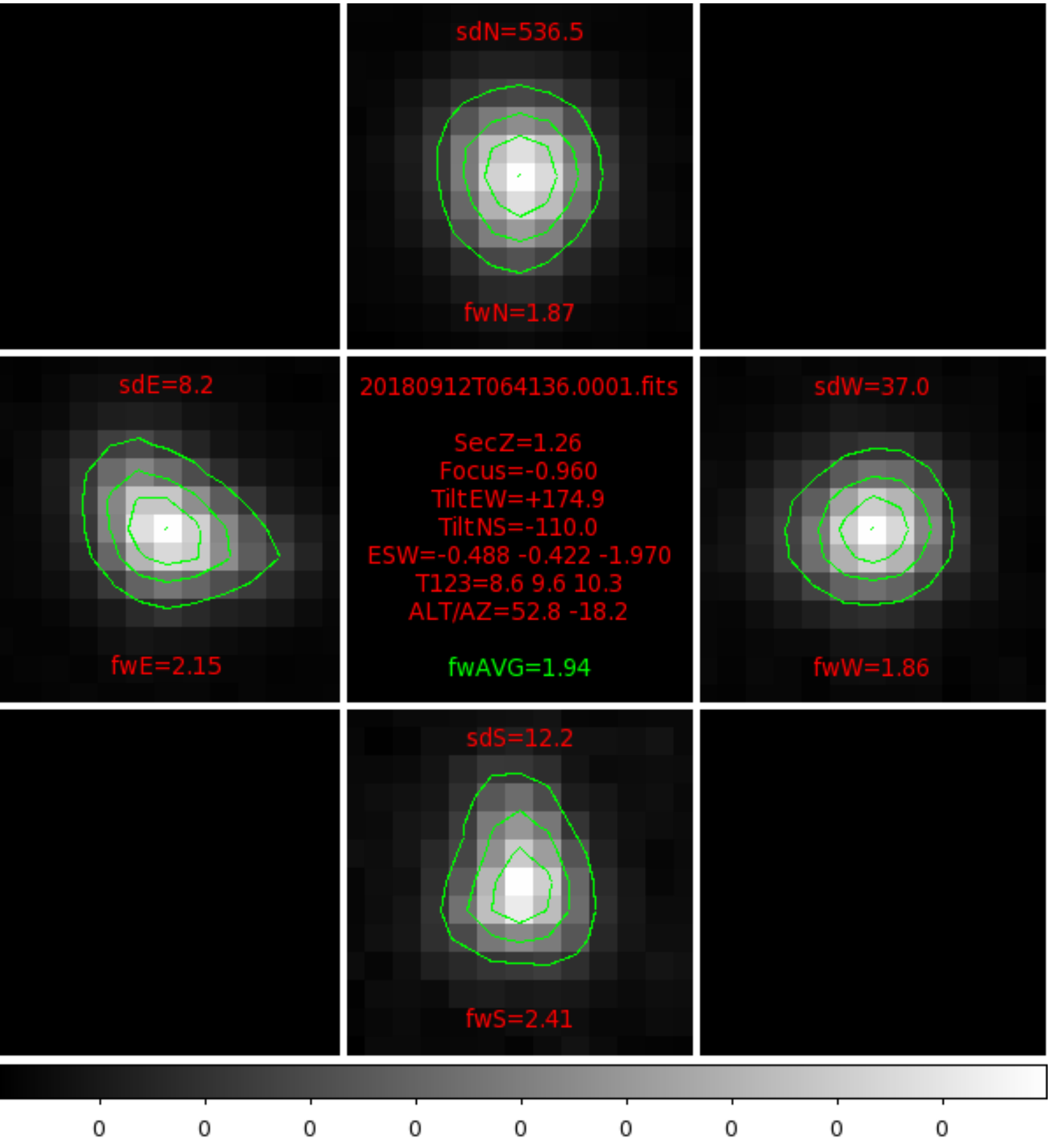
sdN=536.5
fwN=1.87
sdE=8.2
fwE=2.15
20180912T064136.0001.fits
SecZ=1.26
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=8.6 9.6 10.3
ALT/AZ=52.8 -18.2
fwAVG=1.94
sdW=37.0
fwW=1.86
sdS=12.2
fwS=2.41
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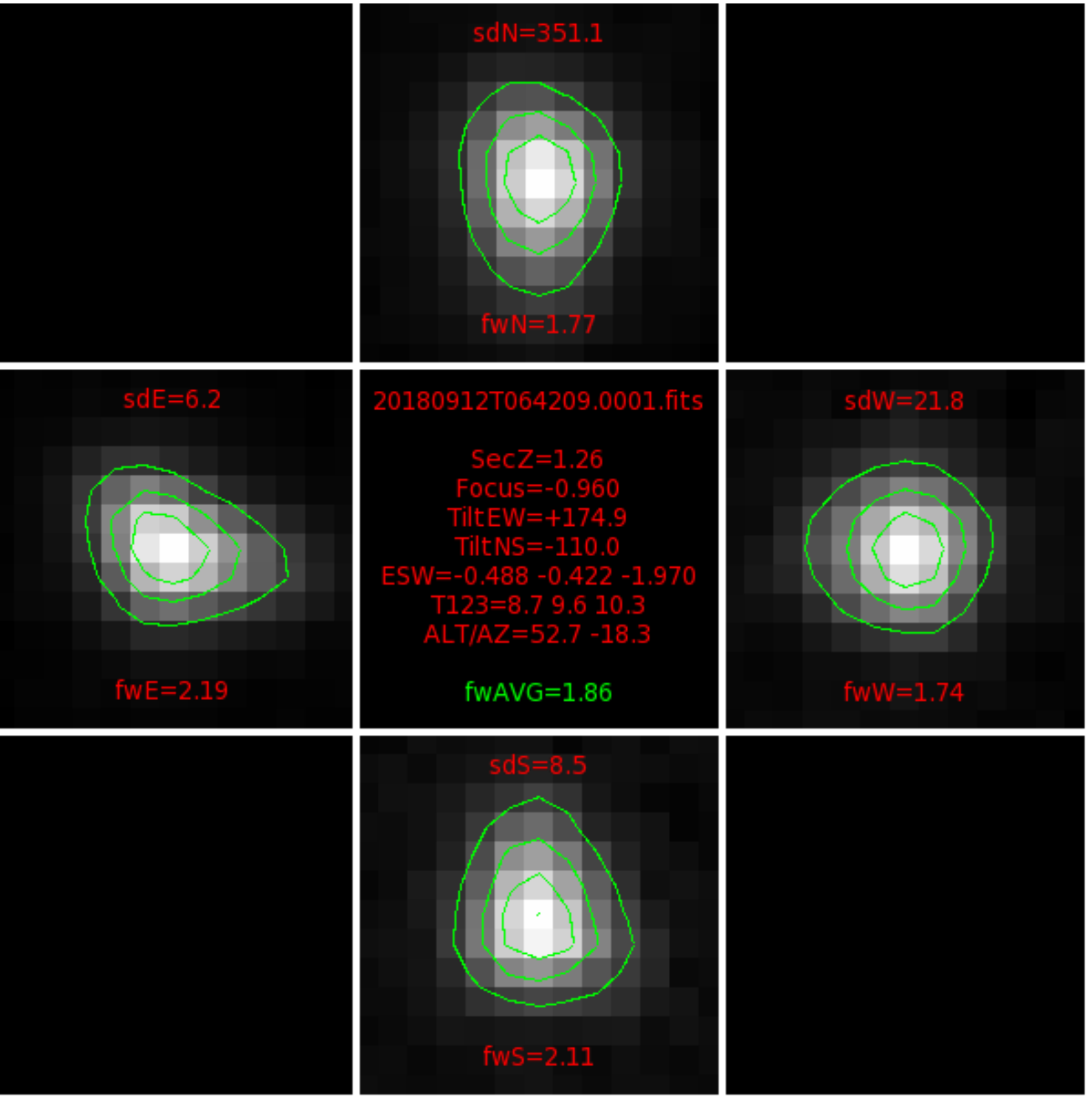
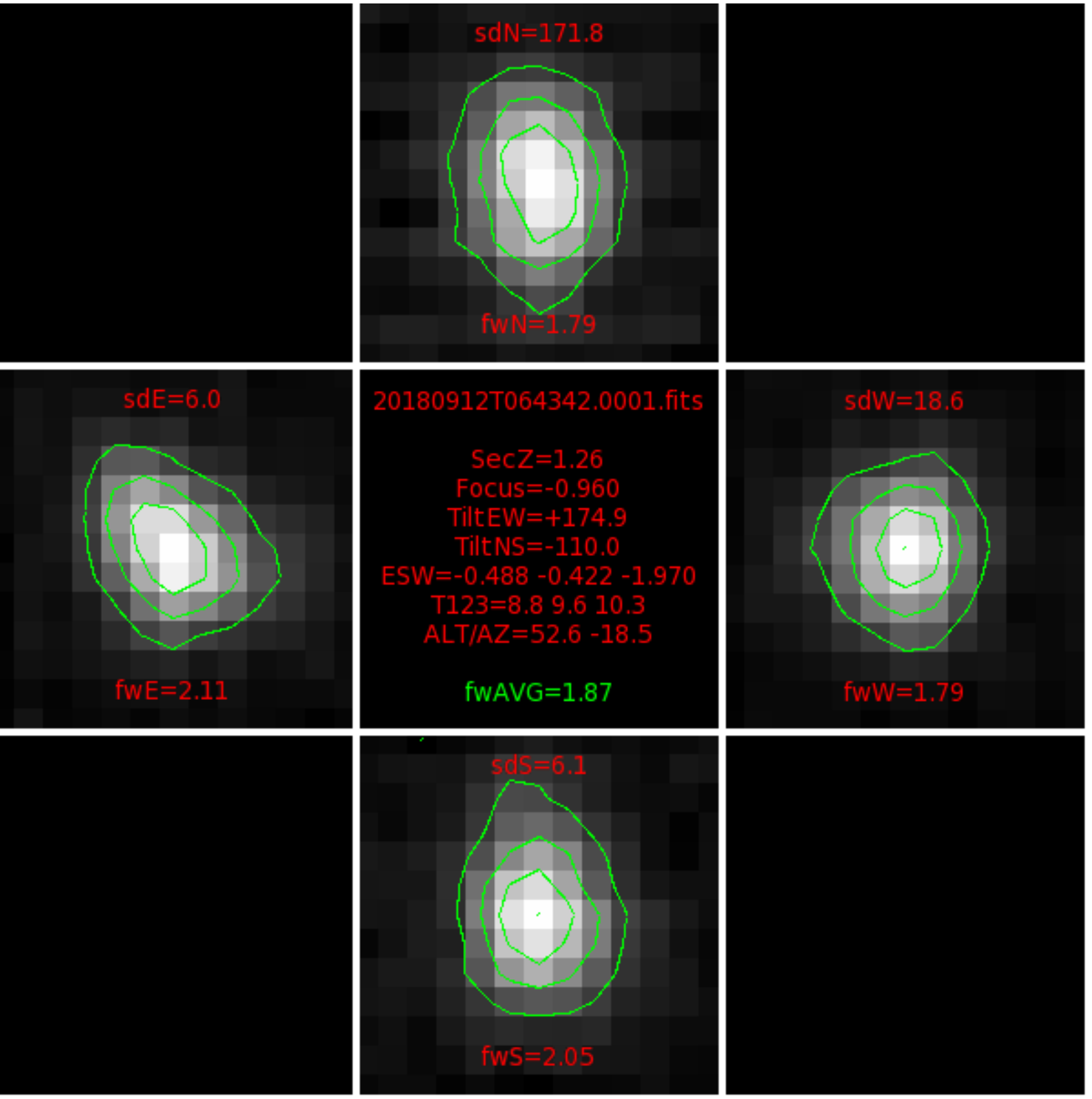

sdN=351.1
fwN=1.77
sdE=6.2
fwE=2.19
20180912T064209.0001.fits
SecZ=1.26
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=8.7 9.6 10.3
ALT/AZ=52.7 -18.3
fwAVG=1.86
sdW=21.8
fwW=1.74
sdS=8.5
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=171.8
fwN=1.79
sdE=6.0
fwE=2.11
20180912T064342.0001.fits
SecZ=1.26
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=8.8 9.6 10.3
ALT/AZ=52.6 -18.5
fwAVG=1.87
sdW=18.6
fwW=1.79
sdS=6.1
fwS=2.05
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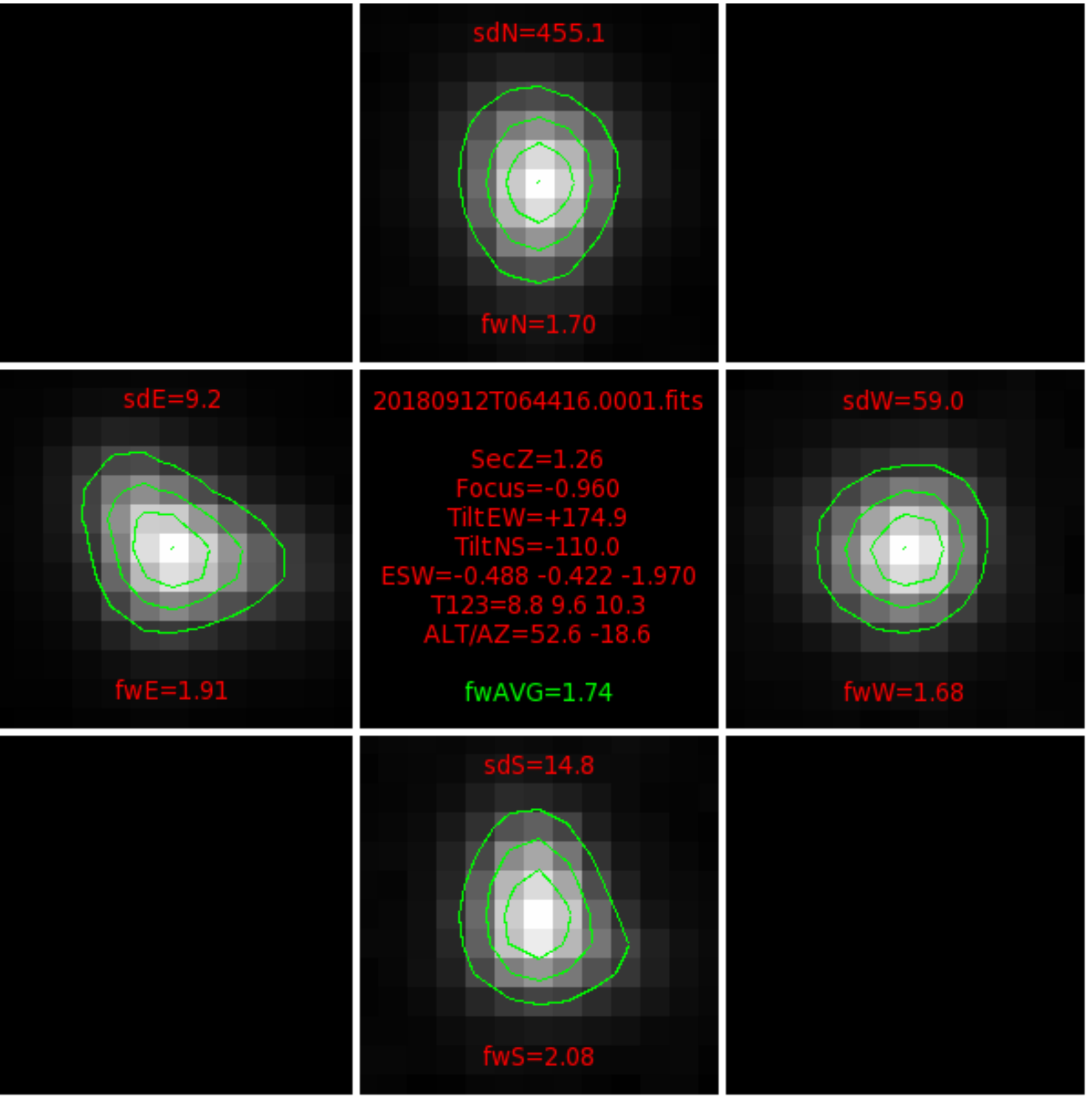
sdN=455.1
fwN=1.70
sdE=9.2
fwE=1.91
20180912T064416.0001.fits
SecZ=1.26
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=8.8 9.6 10.3
ALT/AZ=52.6 -18.6
fwAVG=1.74
sdW=59.0
fwW=1.68
sdS=14.8
fwS=2.08
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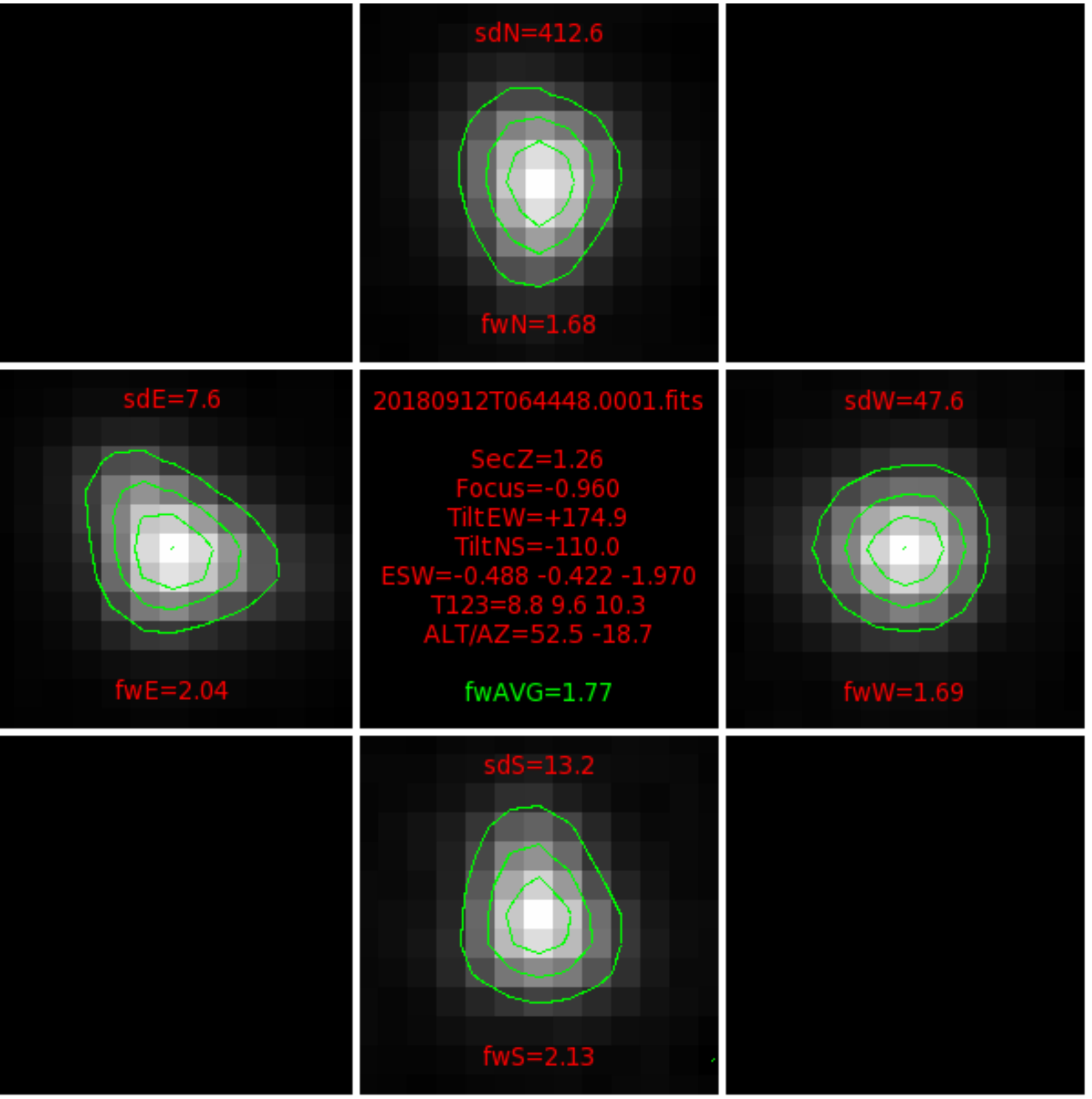
sdN=412.6
fwN=1.68
sdE=7.6
fwE=2.04
20180912T064448.0001.fits
SecZ=1.26
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=8.8 9.6 10.3
ALT/AZ=52.5 -18.7
fwAVG=1.77
sdW=47.6
fwW=1.69
sdS=13.2
fwS=2.13
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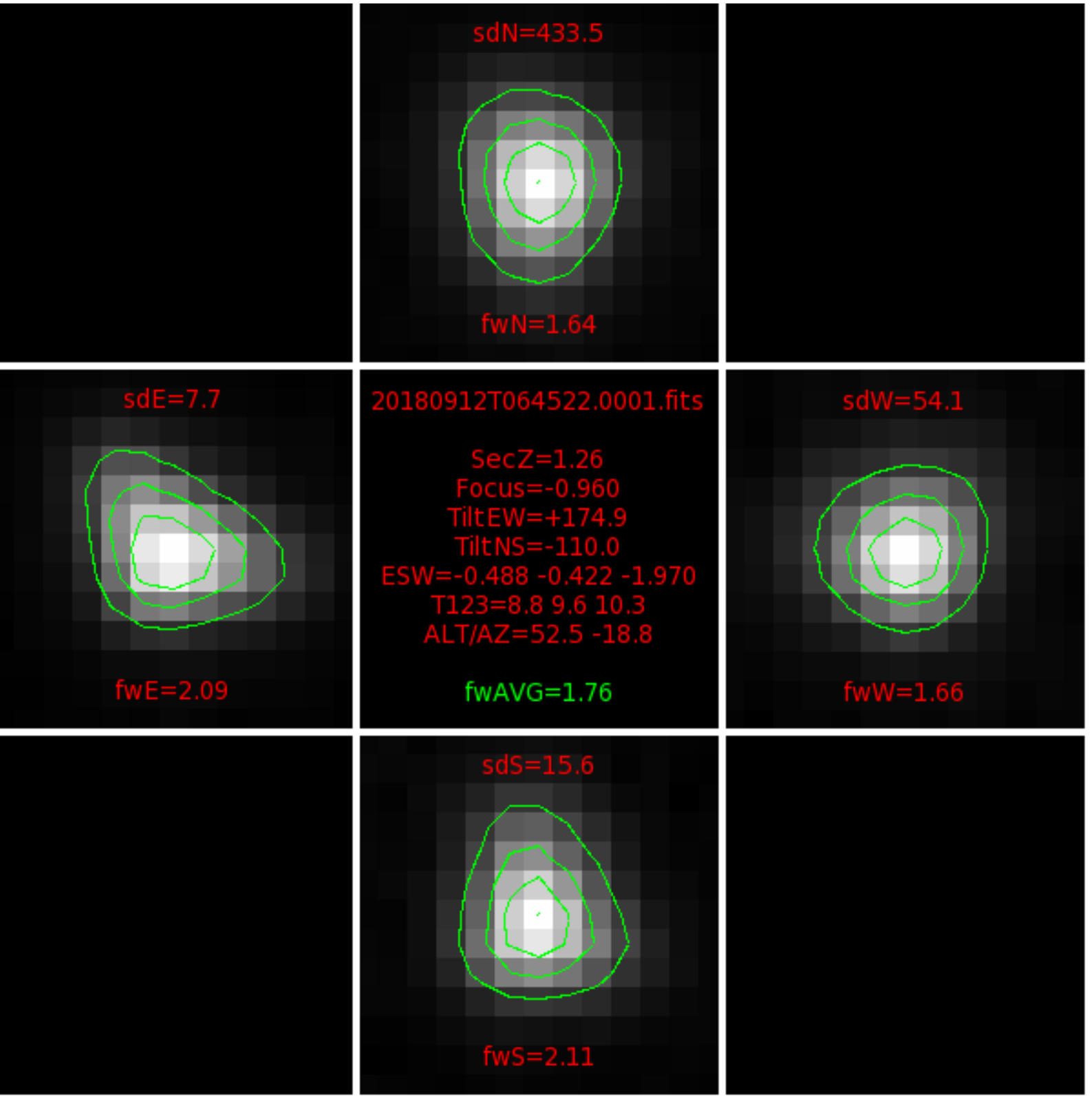
sdN=433.5
fwN=1.64
sdE=7.7
fwE=2.09
20180912T064522.0001.fits
SecZ=1.26
Focus=-0.960
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.488 -0.422 -1.970
T123=8.8 9.6 10.3
ALT/AZ=52.5 -18.8
fwAVG=1.76
sdW=54.1
fwW=1.66
sdS=15.6
fwS=2.11
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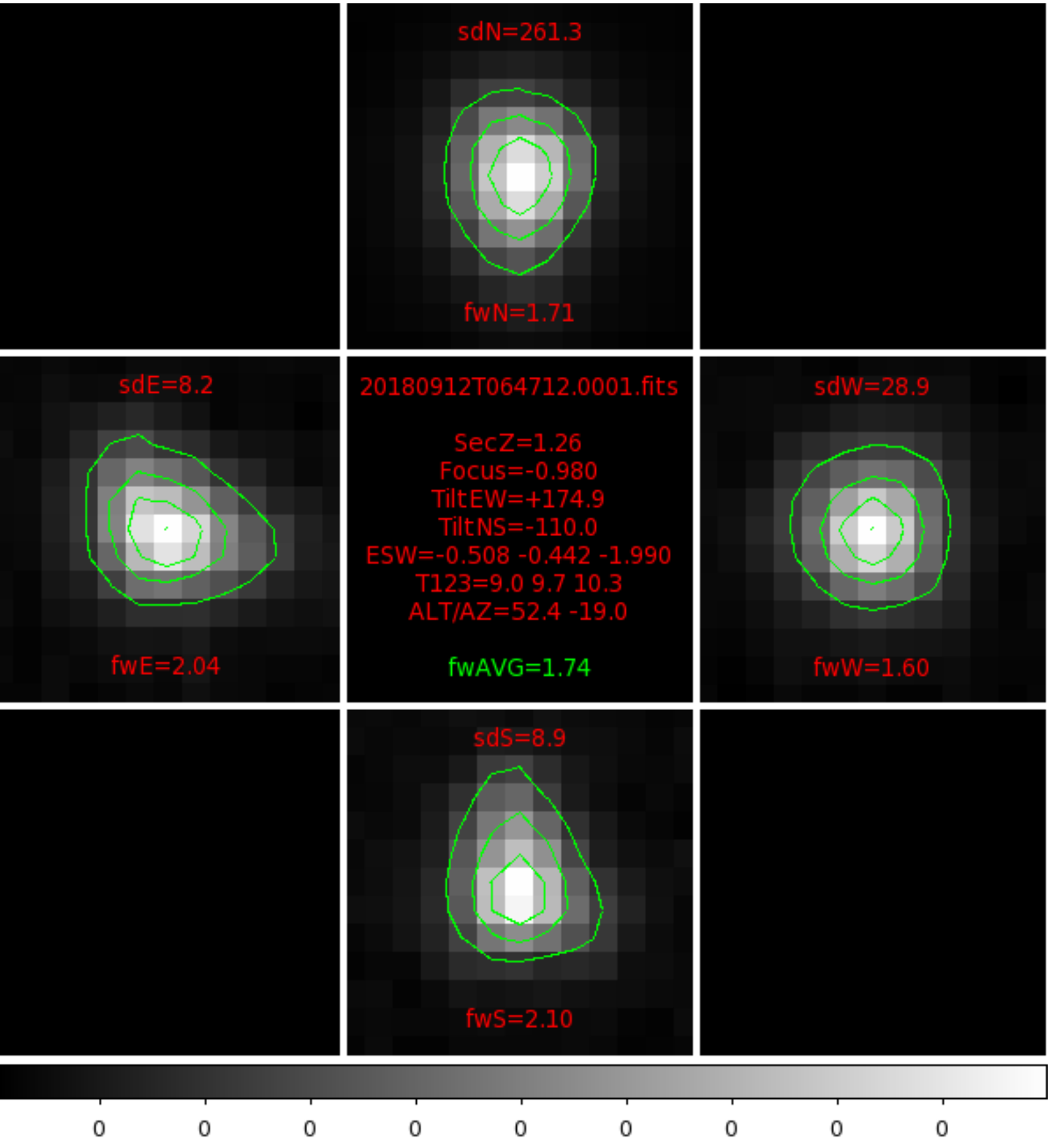
sdN=261.3
fwN=1.71
sdE=8.2
fwE=2.04
20180912T064712.0001.fits
SecZ=1.26
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.0 9.7 10.3
ALT/AZ=52.4 -19.0
fwAVG=1.74
sdW=28.9
fwW=1.60
sdS=8.9
fwS=2.10
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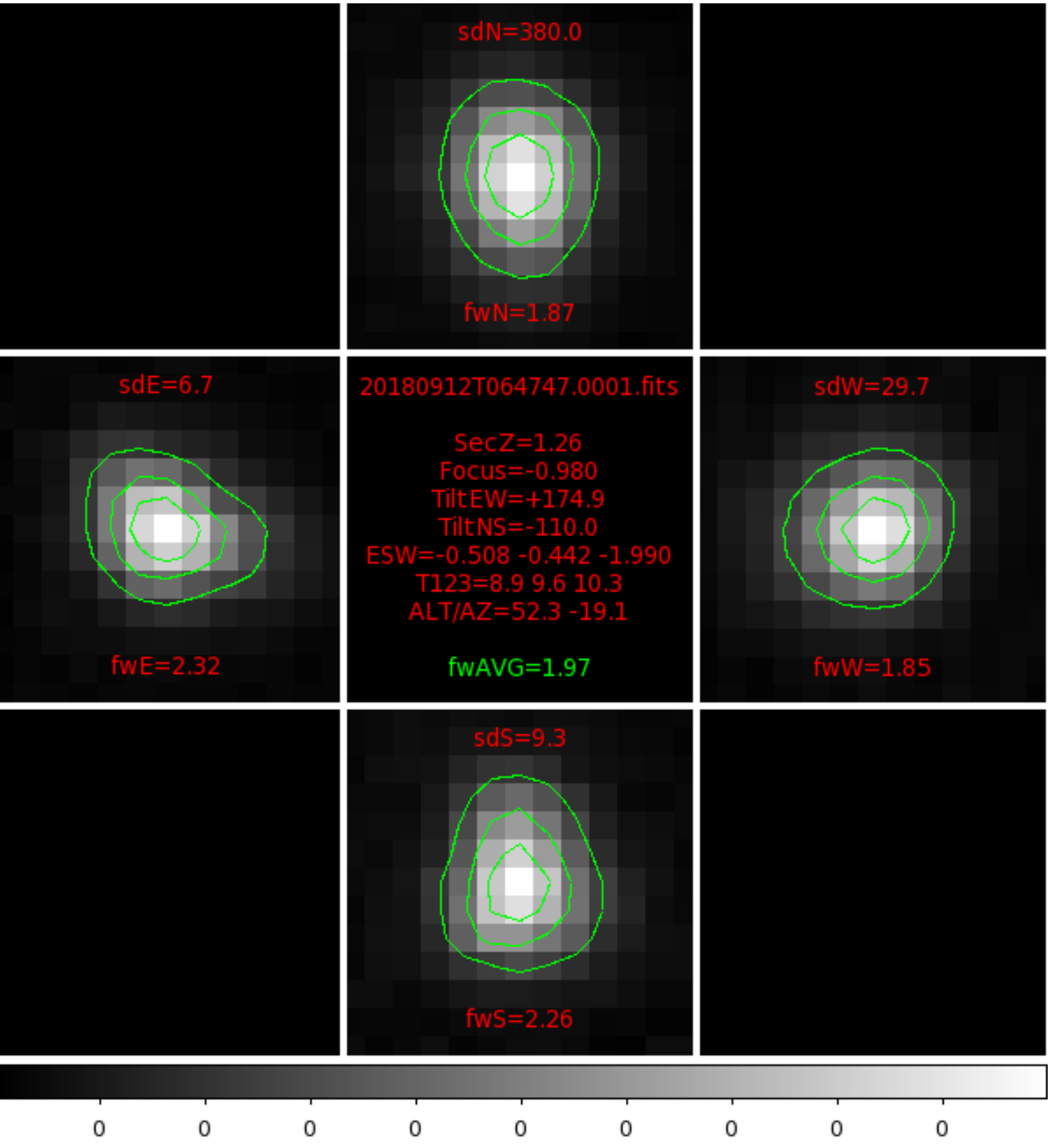
sdN=380.0
fwN=1.87
sdE=6.7
fwE=2.32
20180912T064747.0001.fits
SecZ=1.26
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=8.9 9.6 10.3
ALT/AZ=52.3 -19.1
fwAVG=1.97
sdW=29.7
fwW=1.85
sdS=9.3
fwS=2.26
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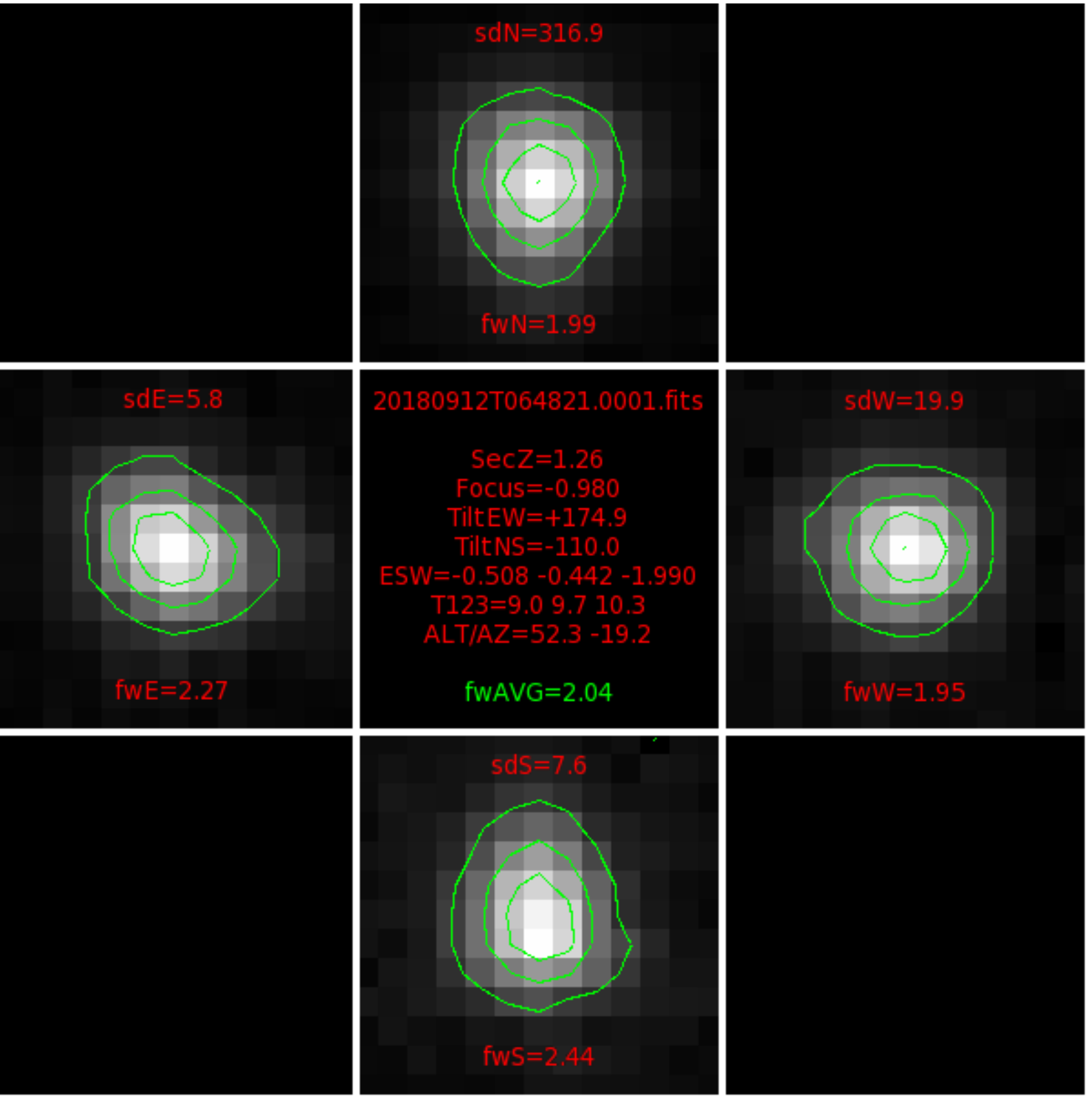
sdN=316.9
fwN=1.99
sdE=5.8
fwE=2.27
20180912T064821.0001.fits
SecZ=1.26
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.0 9.7 10.3
ALT/AZ=52.3 -19.2
fwAVG=2.04
sdW=19.9
fwW=1.95
sdS=7.6
fwS=2.44
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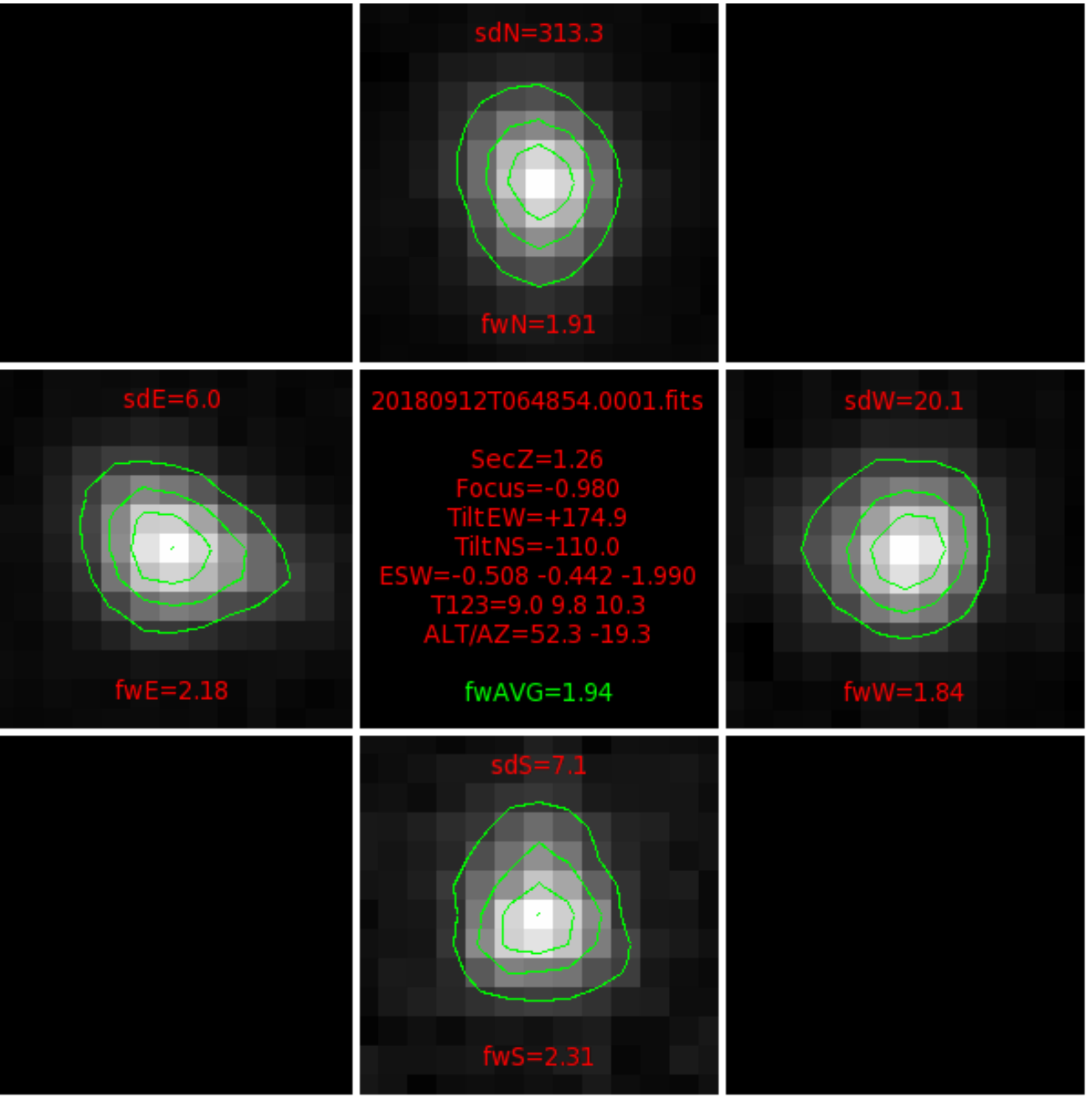
sdN=313.3
fwN=1.91
sdE=6.0
fwE=2.18
20180912T064854.0001.fits
SecZ=1.26
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.0 9.8 10.3
ALT/AZ=52.3 -19.3
fwAVG=1.94
sdW=20.1
fwW=1.84
sdS=7.1
fwS=2.31
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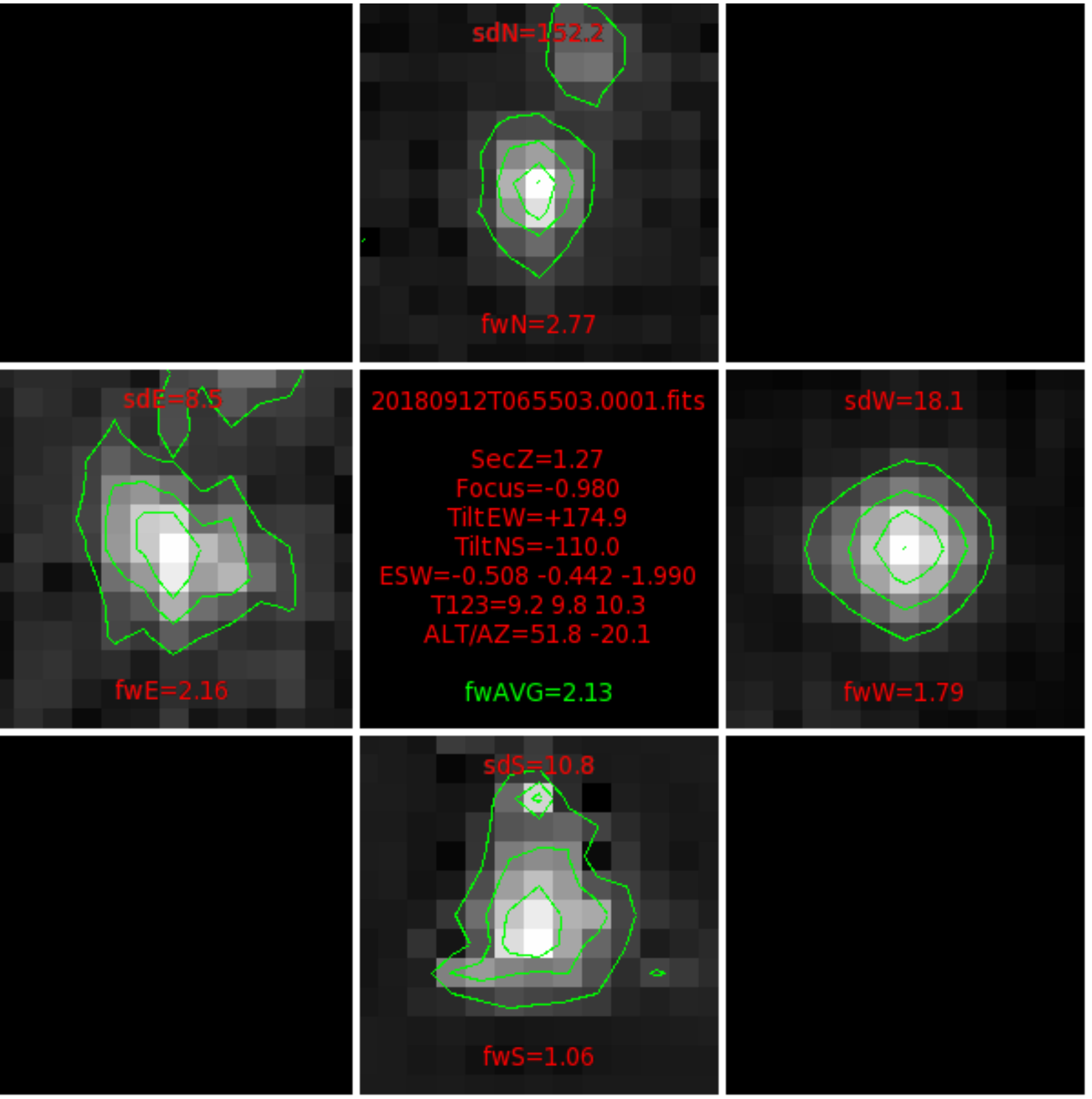
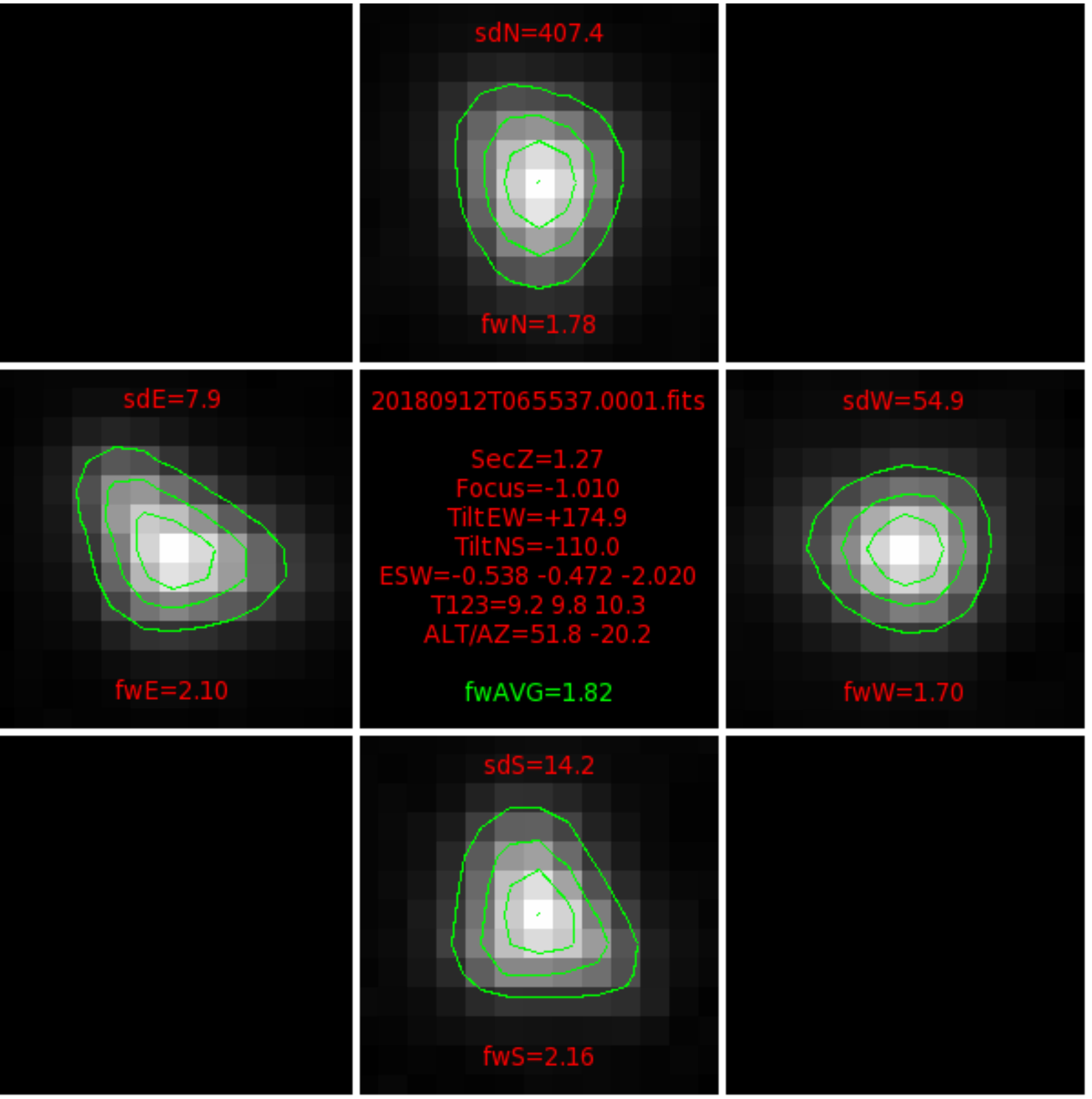

sdN=152.2
fwN=2.77
sdE=8.5
fwE=2.16
20180912T065503.0001.fits
SecZ=1.27
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=9.2 9.8 10.3
ALT/AZ=51.8 -20.1
fwAVG=2.13
sdW=18.1
fwW=1.79
sdS=10.8
fwS=1.06
0 0 0 0 0 0 0 0 0


sdN=407.4
fwN=1.78
sdE=7.9
fwE=2.10
20180912T065537.0001.fits
SecZ=1.27
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.2 9.8 10.3
ALT/AZ=51.8 -20.2
fwAVG=1.82
sdW=54.9
fwW=1.70
sdS=14.2
fwS=2.16
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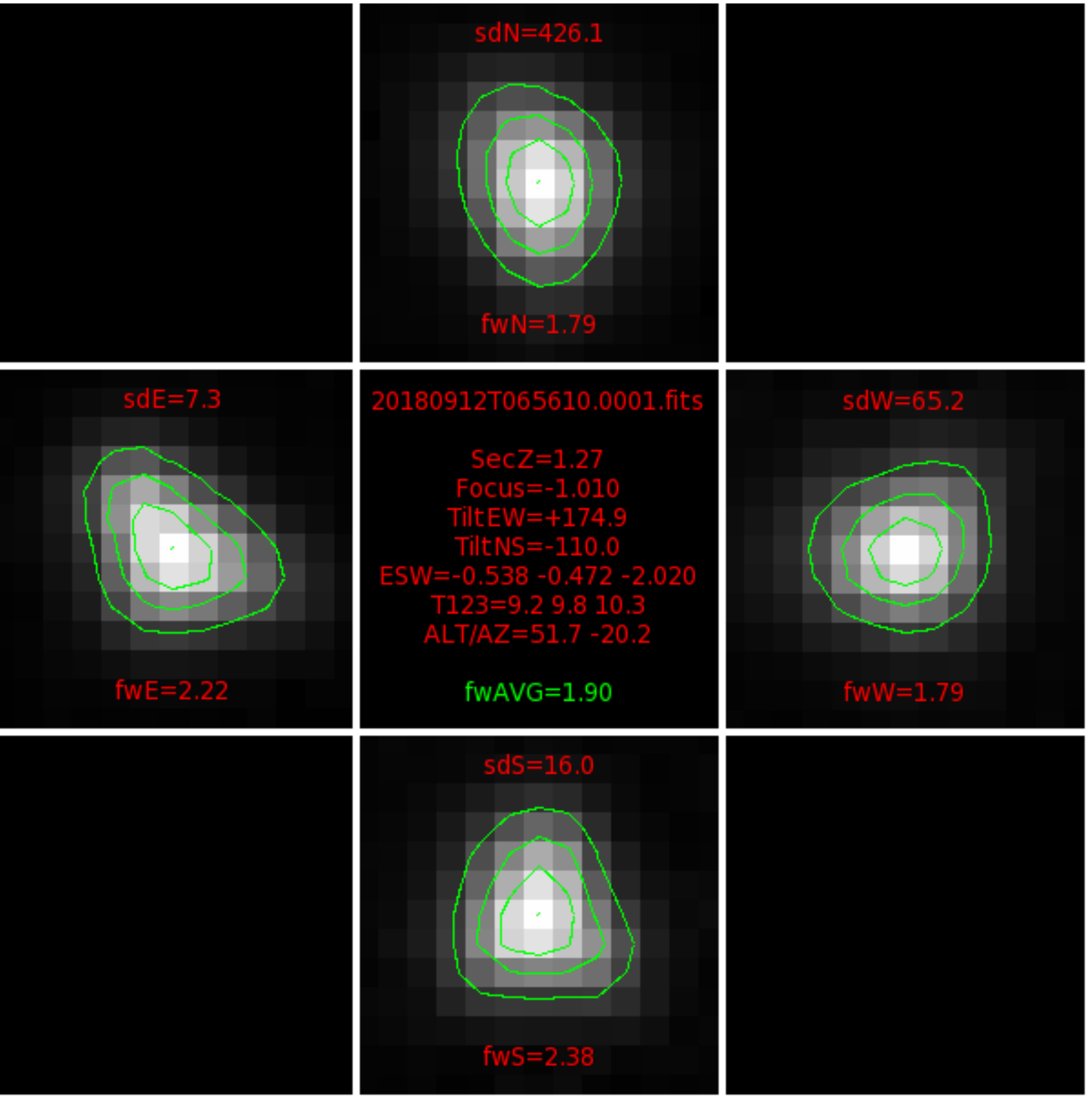
sdN=426.1
fwN=1.79
sdE=7.3
fwE=2.22
20180912T065610.0001.fits
SecZ=1.27
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.2 9.8 10.3
ALT/AZ=51.7 -20.2
fwAVG=1.90
sdW=65.2
fwW=1.79
sdS=16.0
fwS=2.38
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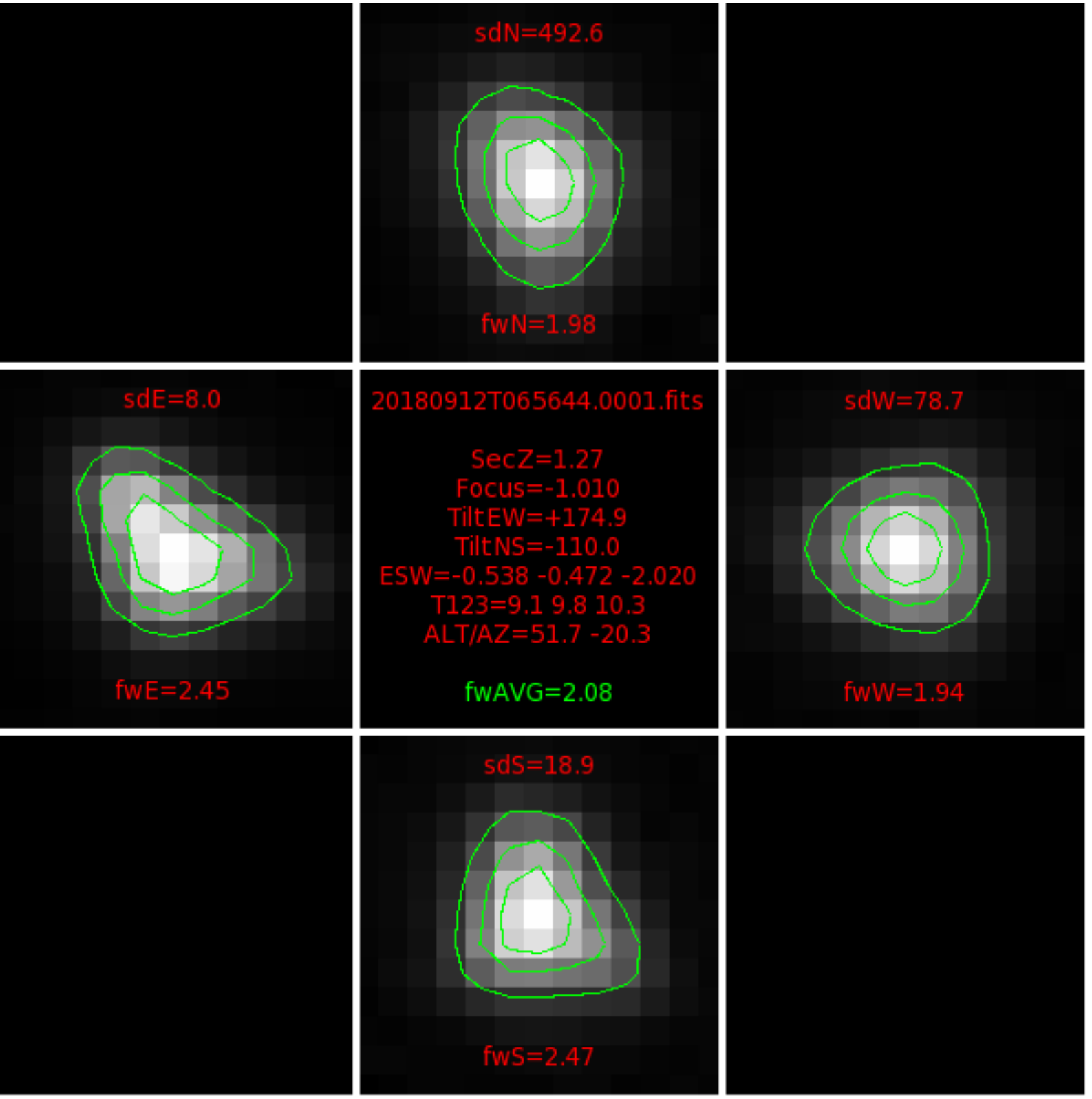
sdN=492.6
fwN=1.98
sdE=8.0
fwE=2.45
20180912T065644.0001.fits
SecZ=1.27
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 9.8 10.3
ALT/AZ=51.7 -20.3
fwAVG=2.08
sdW=78.7
fwW=1.94
sdS=18.9
fwS=2.47
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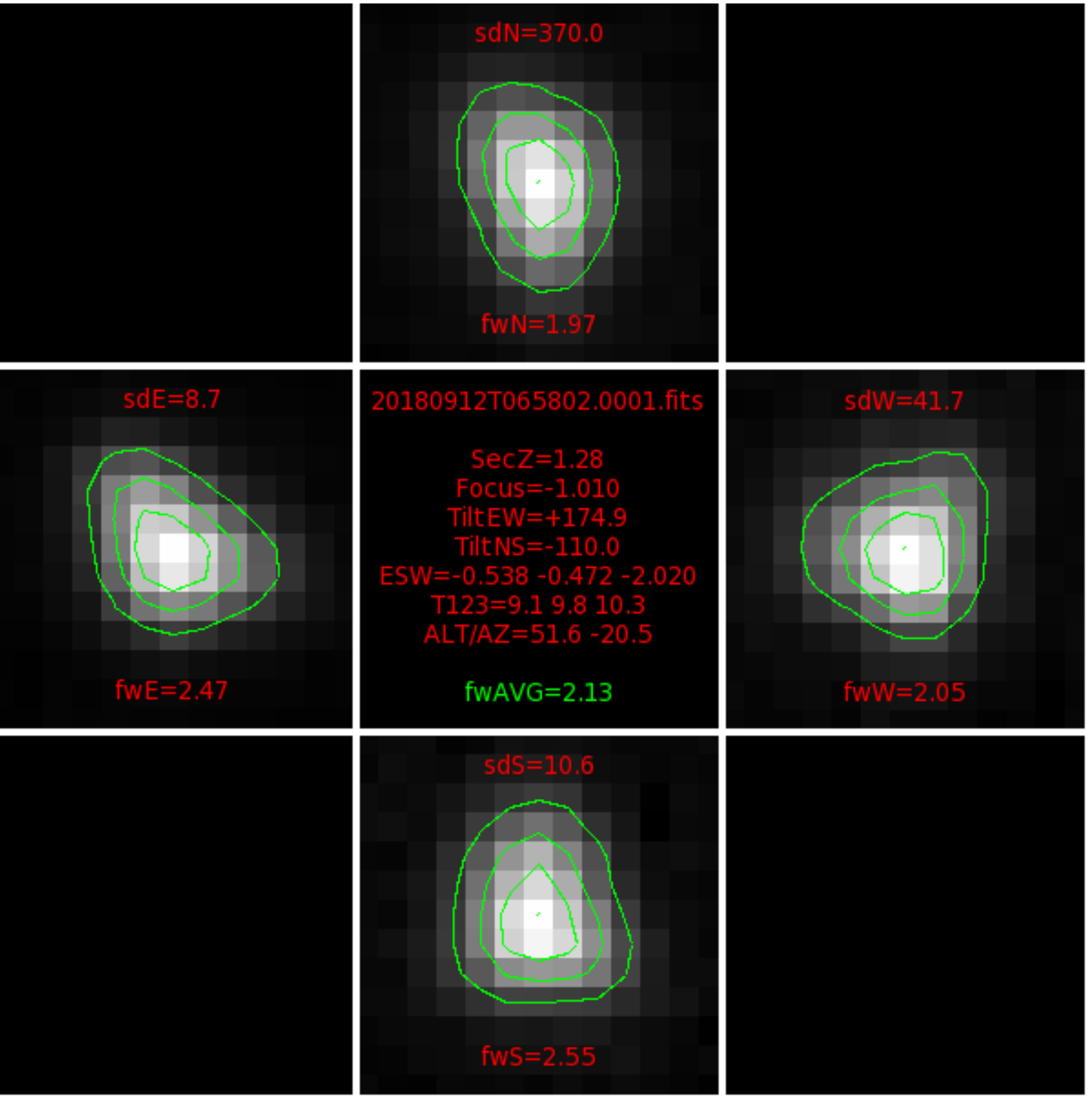
sdN=370.0
fwN=1.97
sdE=8.7
fwE=2.47
20180912T065802.0001.fits
SecZ=1.28
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 9.8 10.3
ALT/AZ=51.6 -20.5
fwAVG=2.13
sdW=41.7
fwW=2.05
sdS=10.6
fwS=2.55
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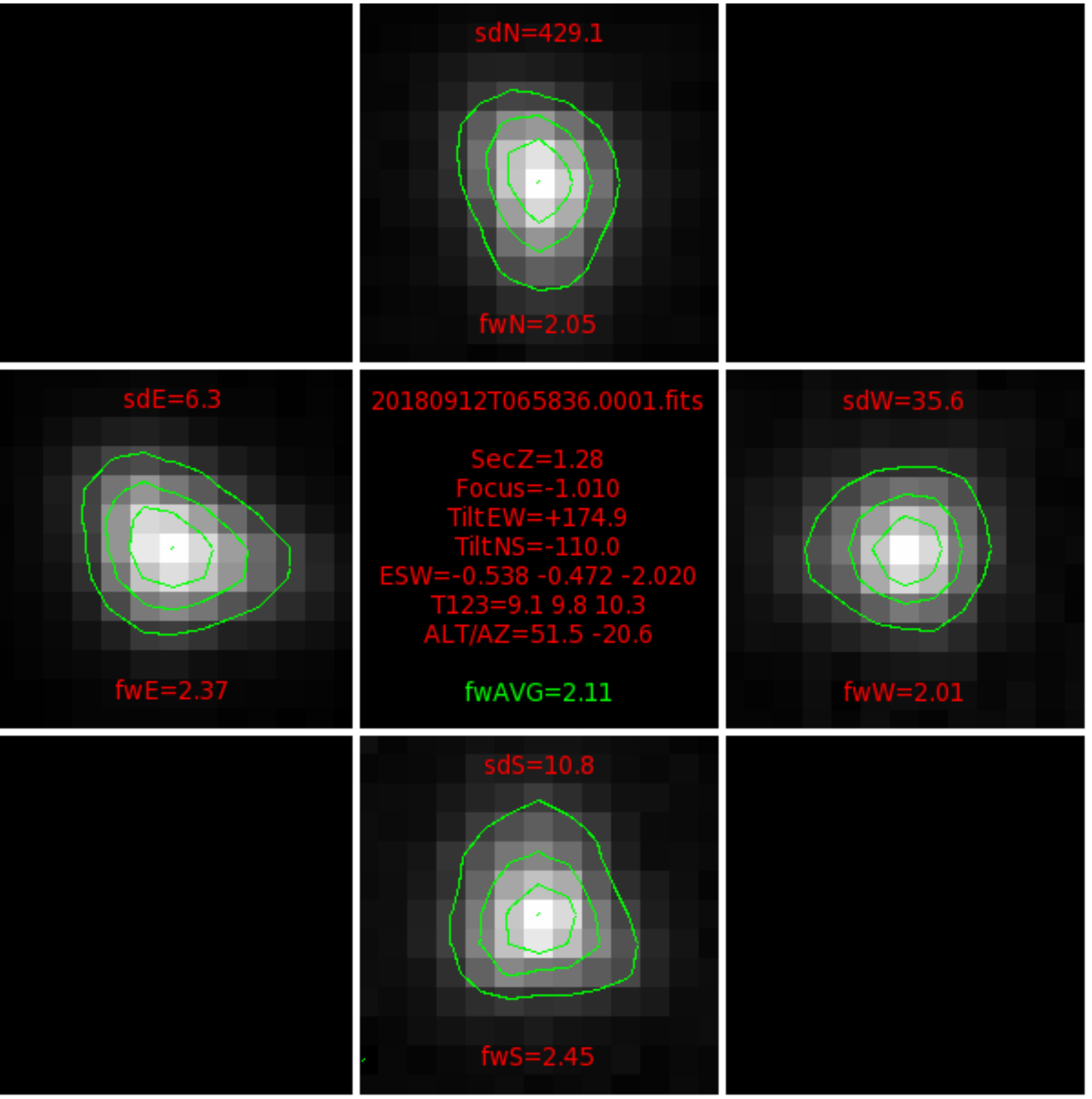
sdN=429.1
fwN=2.05
sdE=6.3
fwE=2.37
20180912T065836.0001.fits
SecZ=1.28
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 9.8 10.3
ALT/AZ=51.5 -20.6
fwAVG=2.11
sdW=35.6
fwW=2.01
sdS=10.8
fwS=2.45
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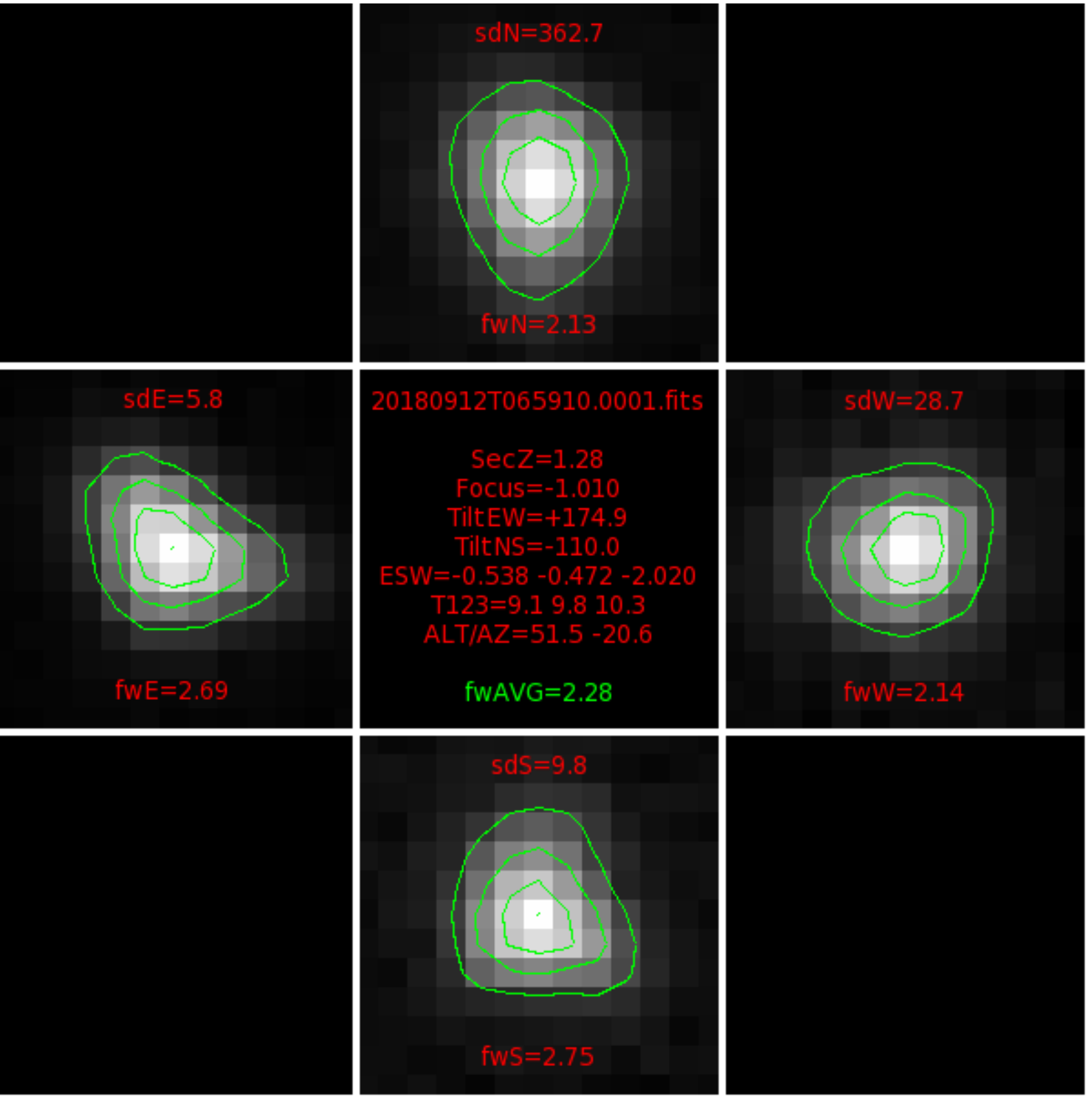
sdN=362.7
fwN=2.13
sdE=5.8
fwE=2.69
20180912T065910.0001.fits
SecZ=1.28
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 9.8 10.3
ALT/AZ=51.5 -20.6
fwAVG=2.28
sdW=28.7
fwW=2.14
sdS=9.8
fwS=2.75
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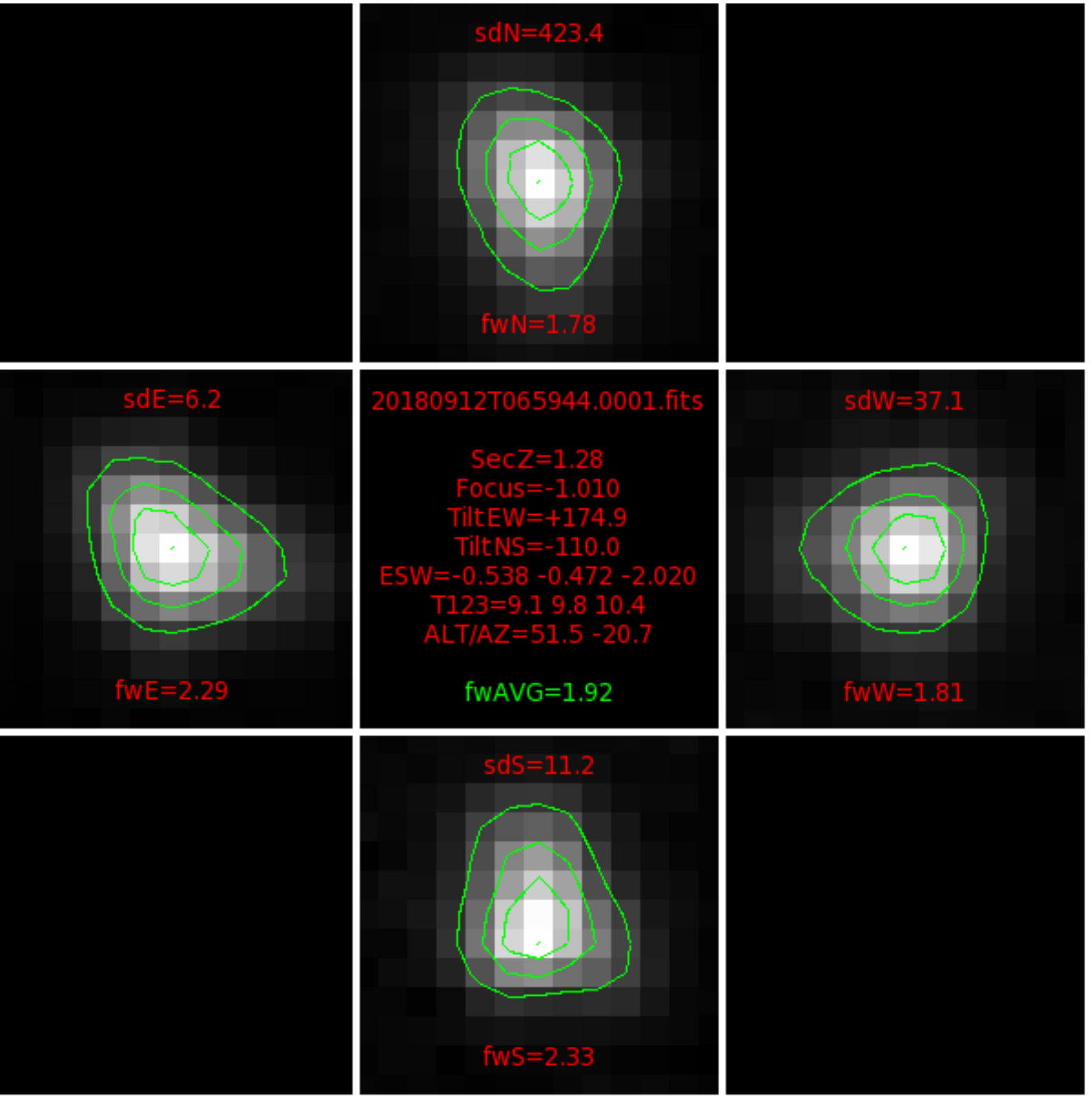
sdN=423.4
fwN=1.78
sdE=6.2
fwE=2.29
20180912T065944.0001.fits
SecZ=1.28
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 9.8 10.4
ALT/AZ=51.5 -20.7
fwAVG=1.92
sdW=37.1
fwW=1.81
sdS=11.2
fwS=2.33
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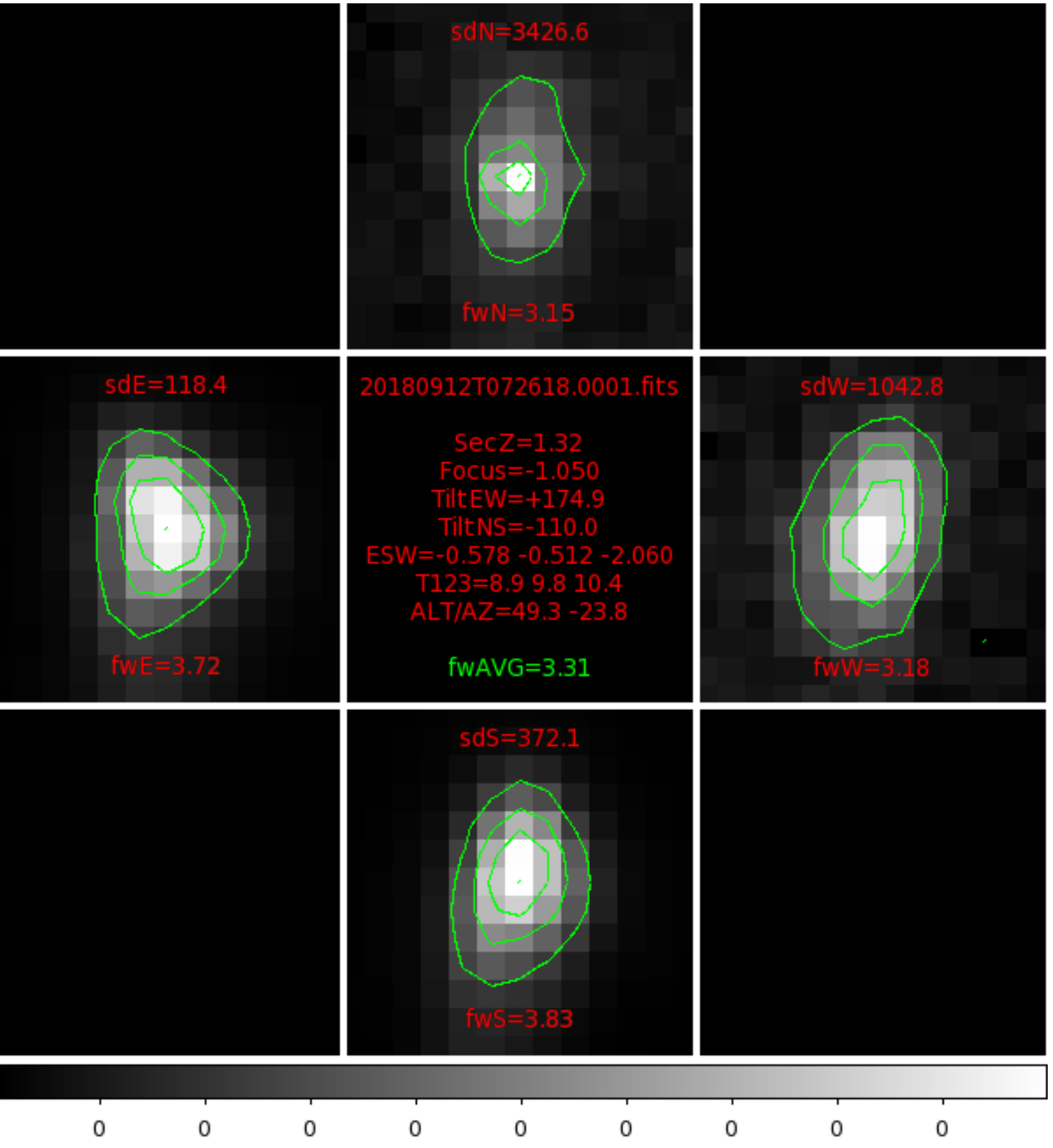
sdN=3426.6
fwN=3.15
sdE=118.4
fwE=3.72
20180912T072618.0001.fits
SecZ=1.32
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=8.9 9.8 10.4
ALT/AZ=49.3 -23.8
fwAVG=3.31
sdW=1042.8
fwW=3.18
sdS=372.1
fwS=3.83
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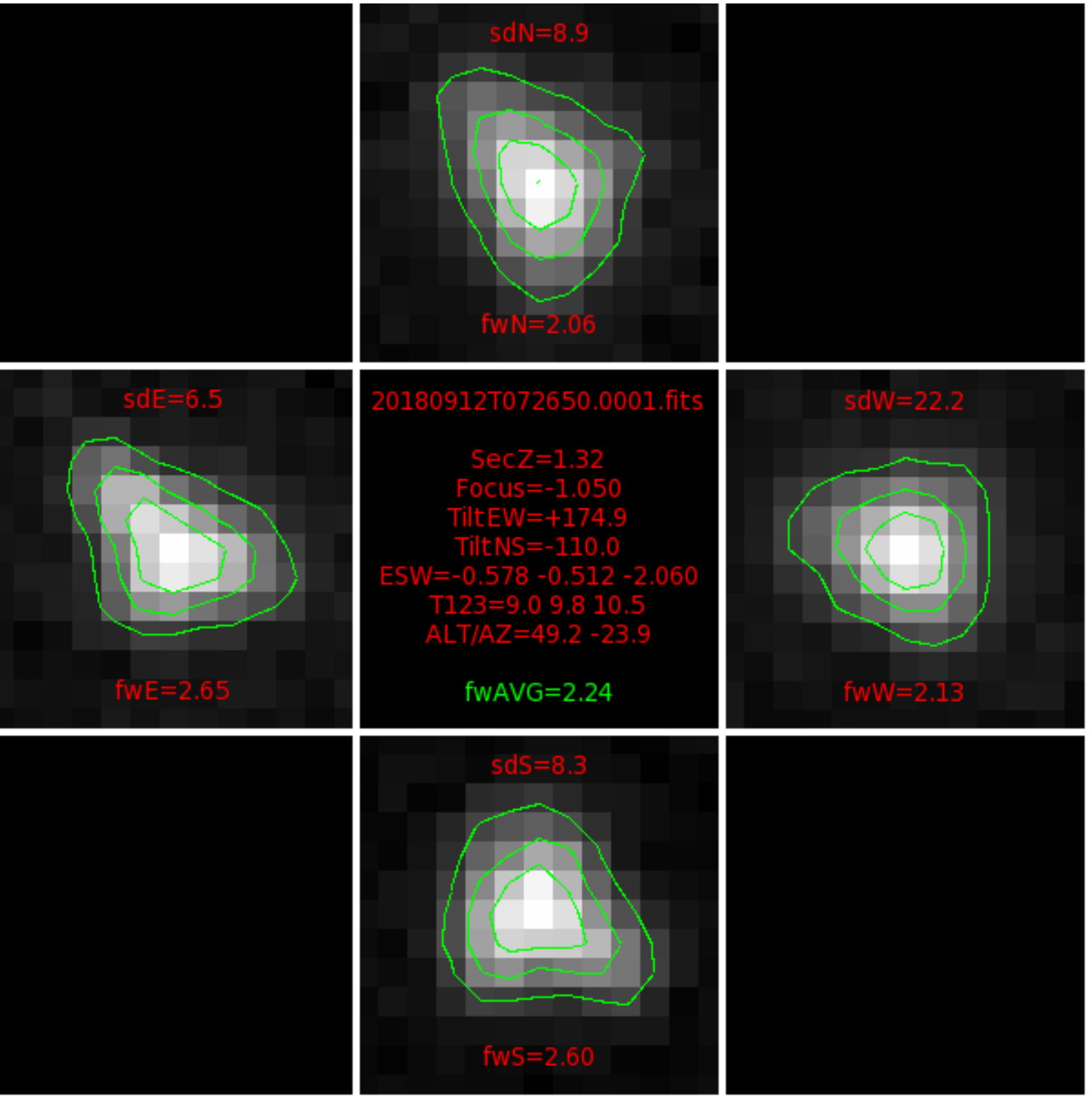
sdN=8.9
fwN=2.06
sdE=6.5
fwE=2.65
20180912T072650.0001.fits
SecZ=1.32
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=9.0 9.8 10.5
ALT/AZ=49.2 -23.9
fwAVG=2.24
sdW=22.2
fwW=2.13
sdS=8.3
fwS=2.60
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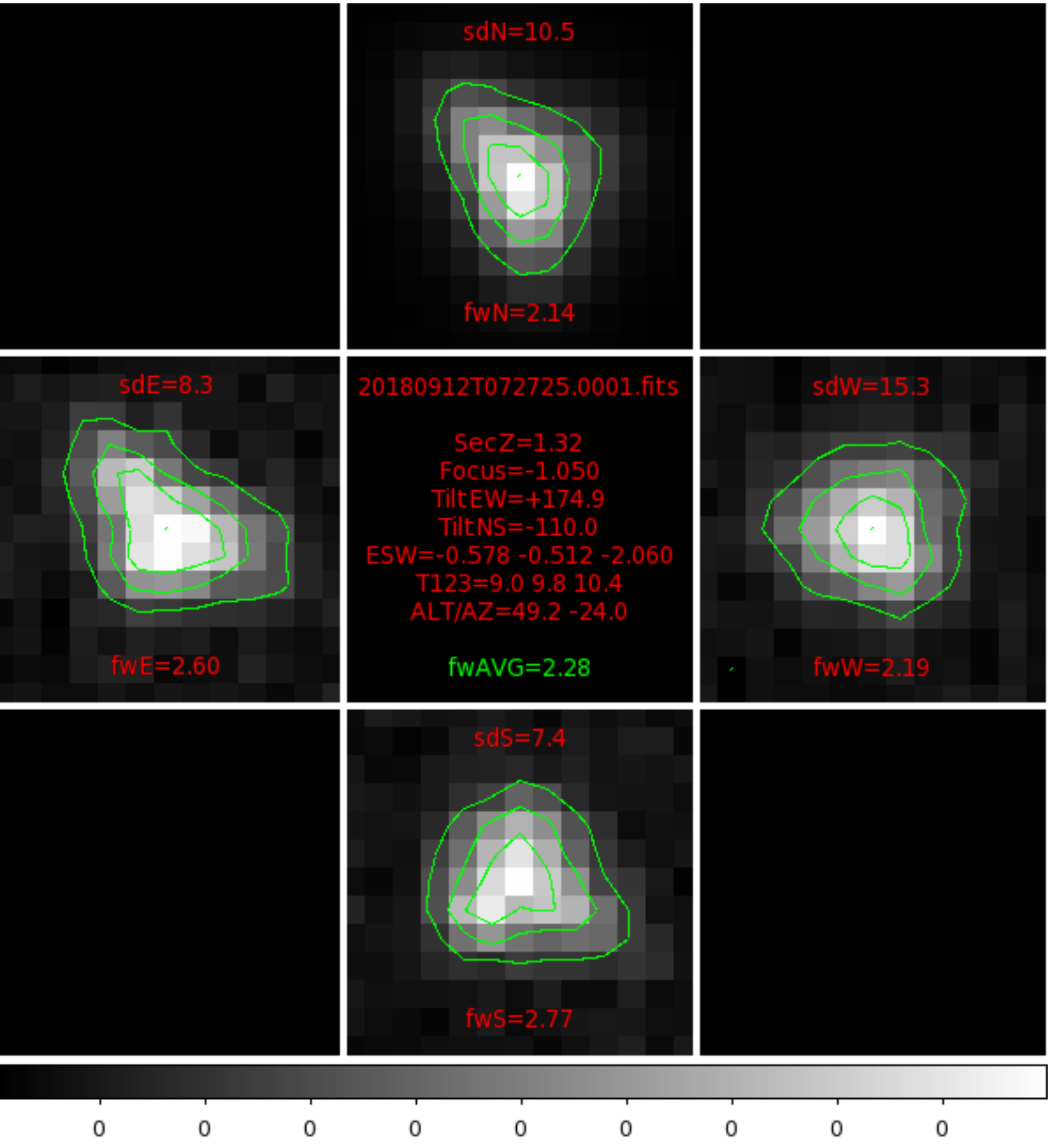
sdN=10.5
fwN=2.14
sdE=8.3
fwE=2.60
20180912T072725.0001.fits
SecZ=1.32
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=9.0 9.8 10.4
ALT/AZ=49.2 -24.0
fwAVG=2.28
sdW=15.3
fwW=2.19
sdS=7.4
fwS=2.77
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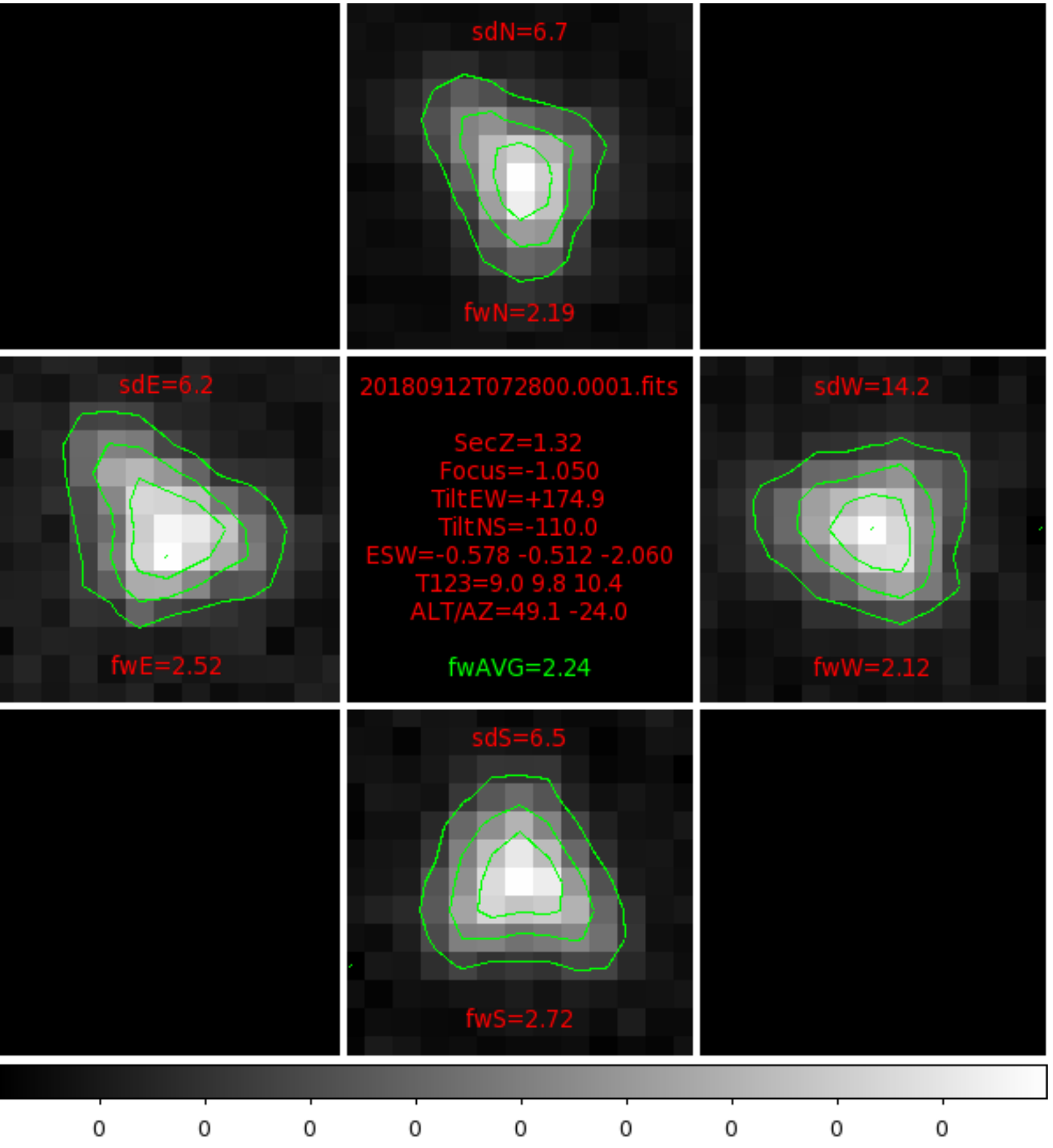
sdN=6.7
fwN=2.19
sdE=6.2
fwE=2.52
20180912T072800.0001.fits
SecZ=1.32
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=9.0 9.8 10.4
ALT/AZ=49.1 -24.0
fwAVG=2.24
sdW=14.2
fwW=2.12
sdS=6.5
fwS=2.72
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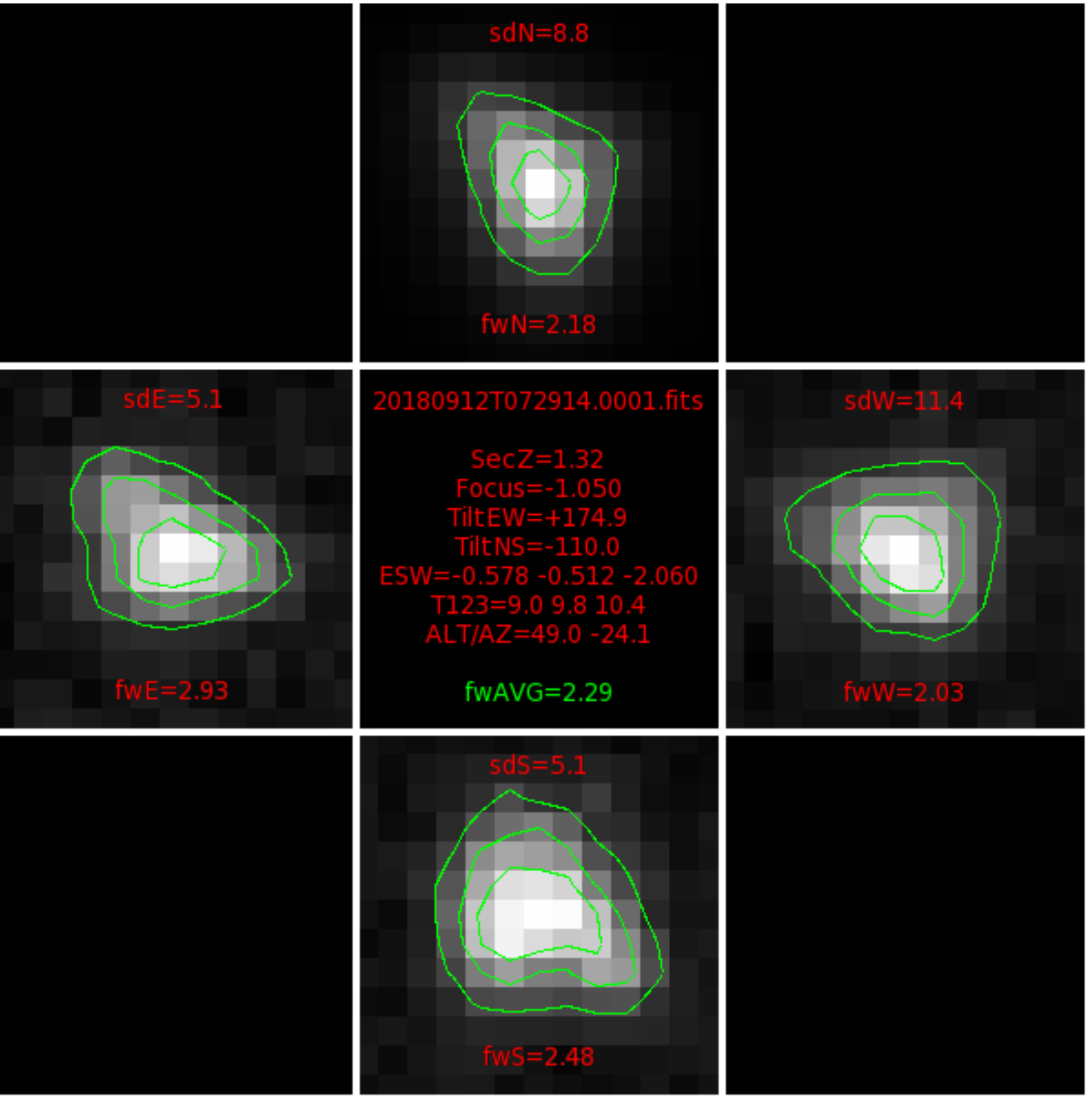
sdN=8.8
fwN=2.18
sdE=5.1
fwE=2.93
20180912T072914.0001.fits
SecZ=1.32
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=9.0 9.8 10.4
ALT/AZ=49.0 -24.1
fwAVG=2.29
sdW=11.4
fwW=2.03
sdS=5.1
fwS=2.48
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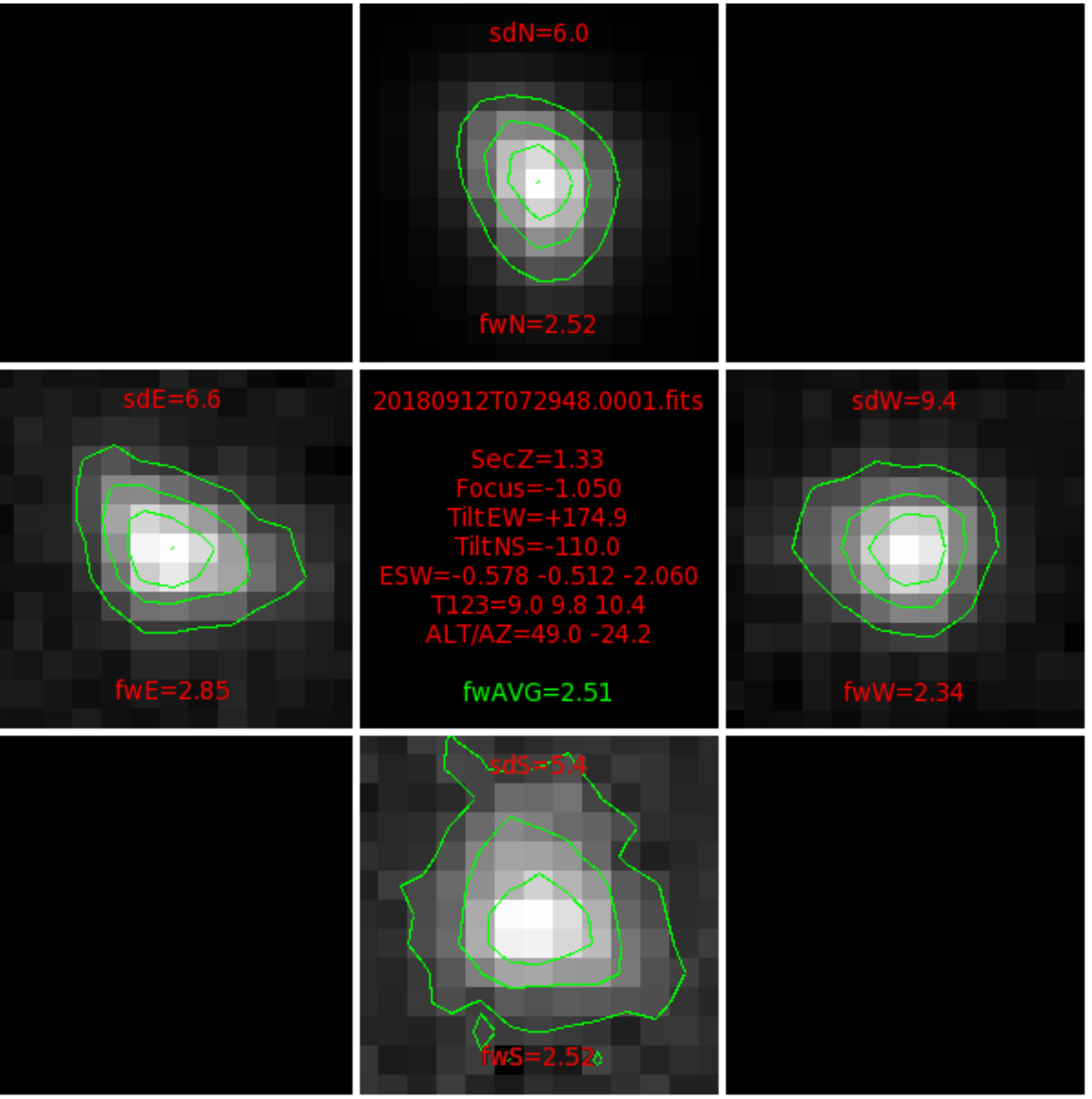
sdN=6.0
fwN=2.52
sdE=6.6
fwE=2.85
20180912T072948.0001.fits
SecZ=1.33
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=9.0 9.8 10.4
ALT/AZ=49.0 -24.2
fwAVG=2.51
sdW=9.4
fwW=2.34
sdS=5.4
fwS=2.52
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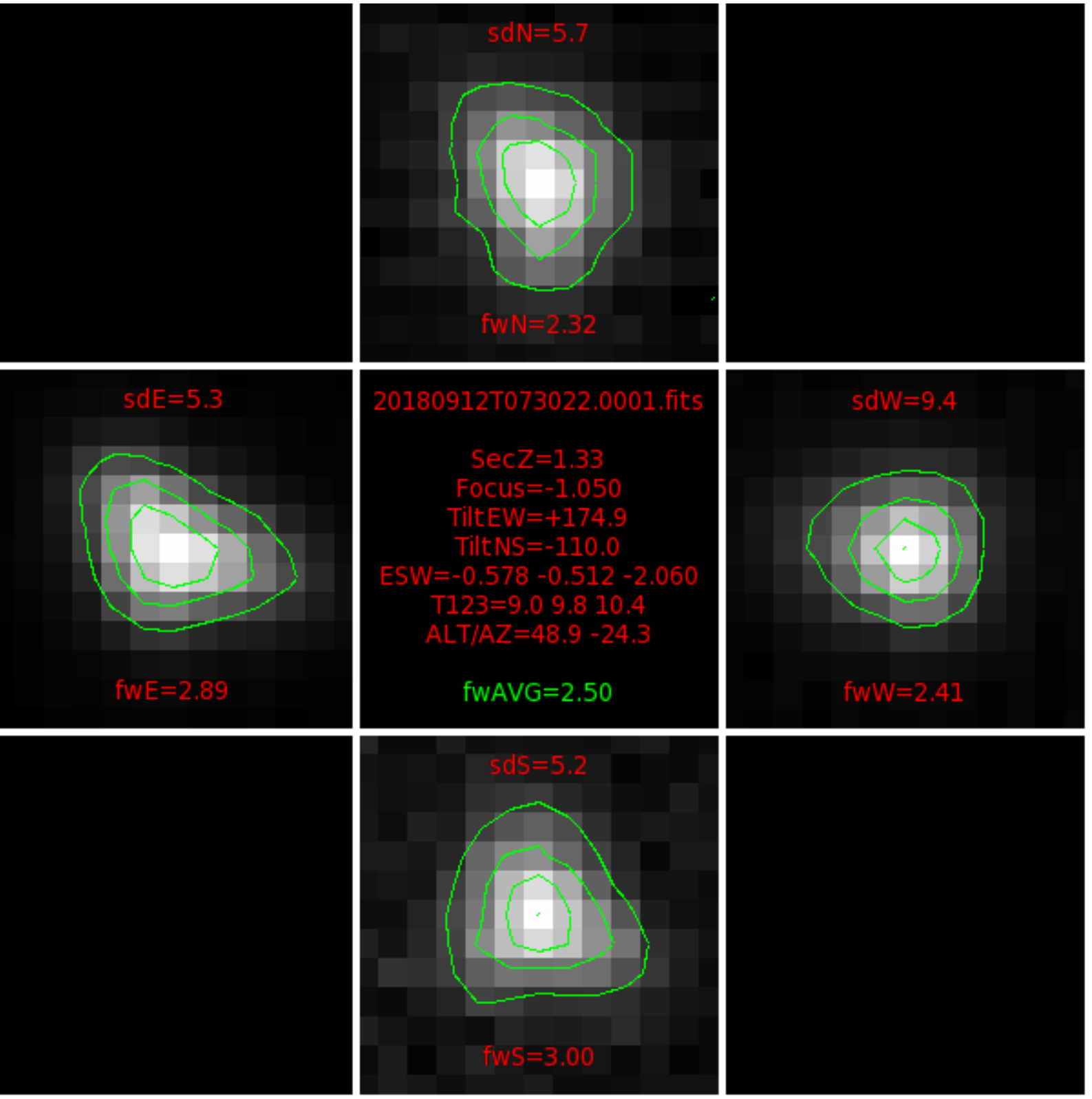
sdN=5.7
fwN=2.32
sdE=5.3
fwE=2.89
20180912T073022.0001.fits
SecZ=1.33
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=9.0 9.8 10.4
ALT/AZ=48.9 -24.3
fwAVG=2.50
sdW=9.4
fwW=2.41
sdS=5.2
fwS=3.00
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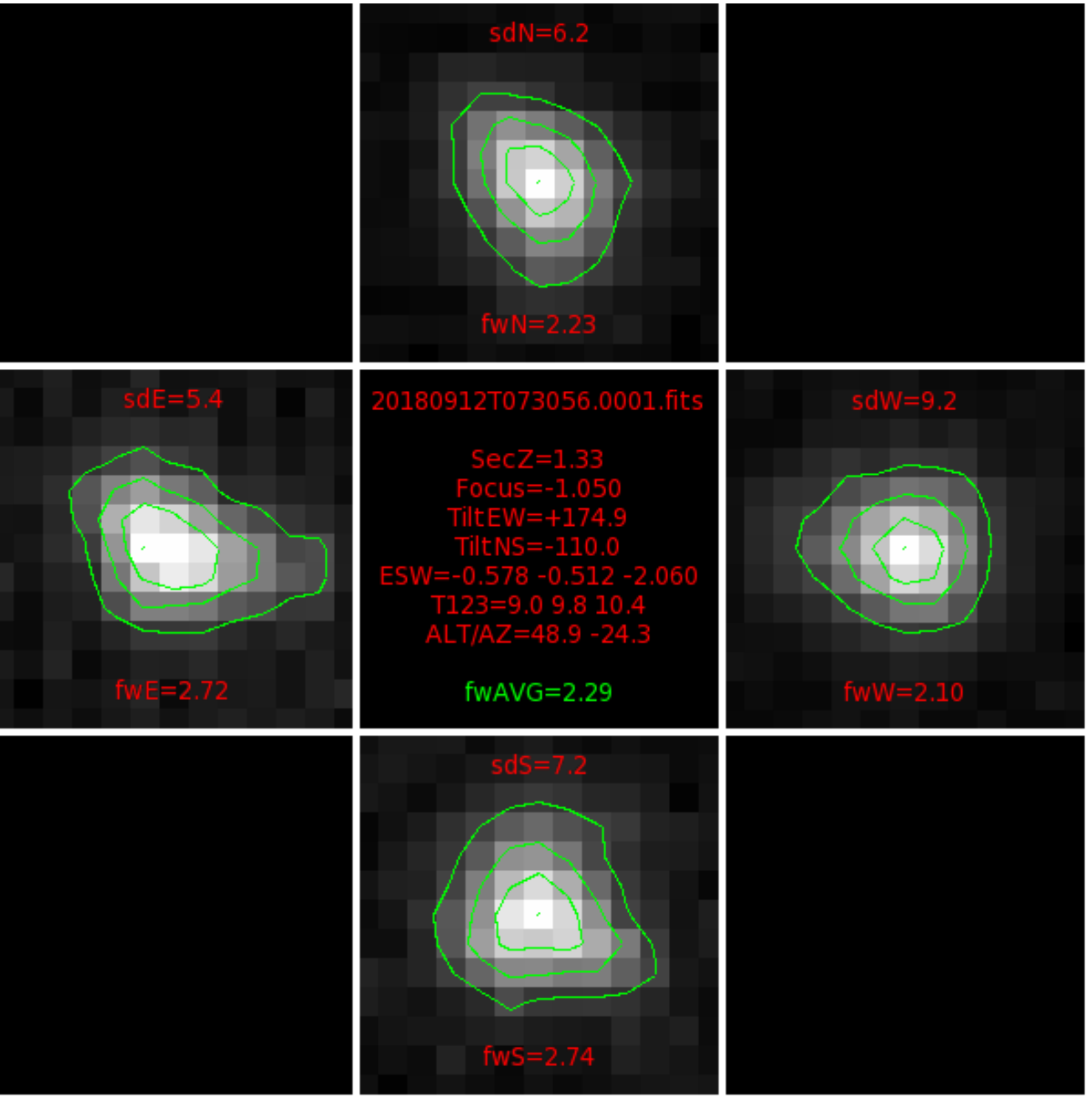
sdN=6.2
fwN=2.23
sdE=5.4
fwE=2.72
20180912T073056.0001.fits
SecZ=1.33
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=9.0 9.8 10.4
ALT/AZ=48.9 -24.3
fwAVG=2.29
sdW=9.2
fwW=2.10
sdS=7.2
fwS=2.74
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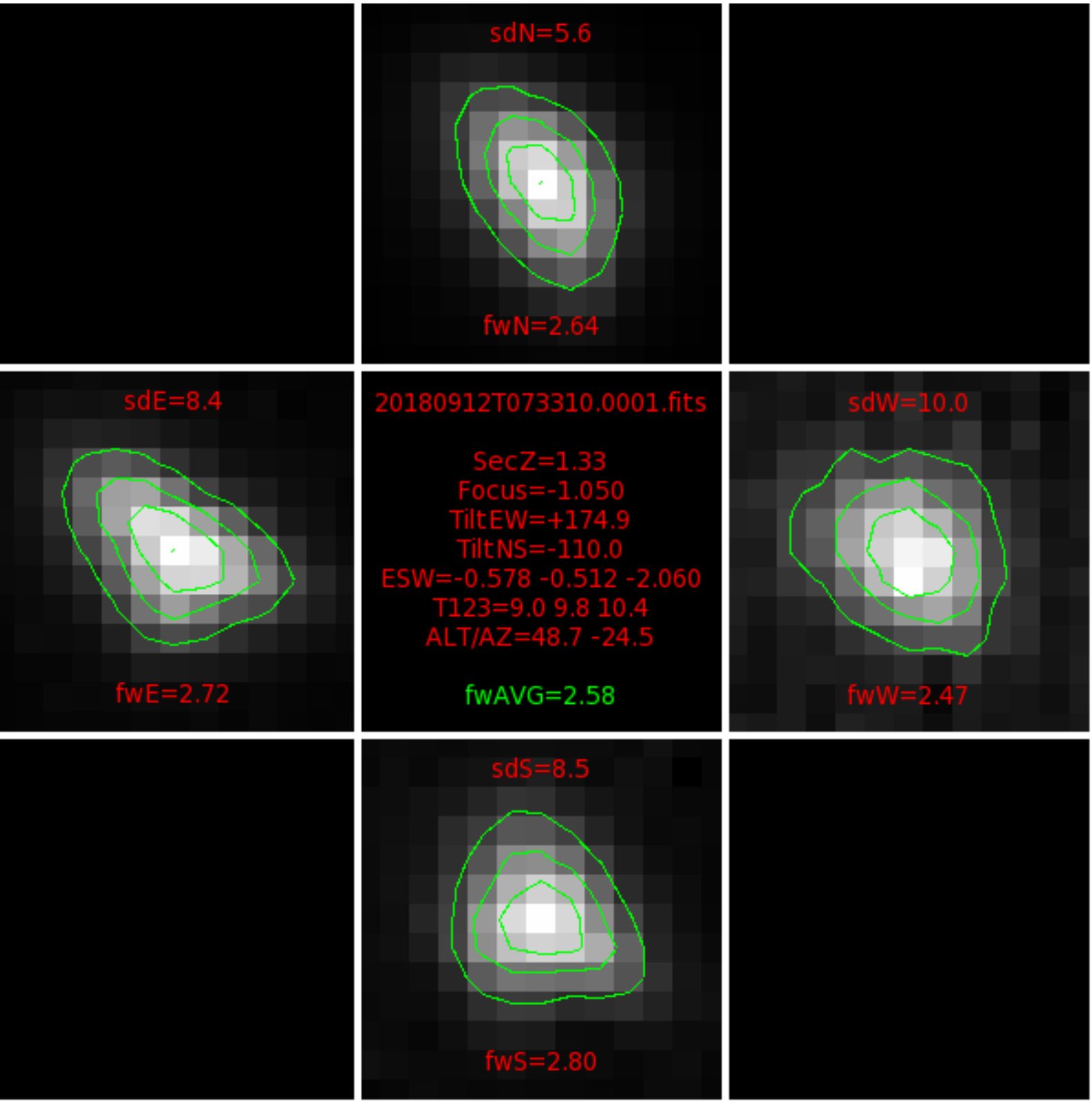
sdN=5.6
fwN=2.64
sdE=8.4
fwE=2.72
20180912T073310.0001.fits
SecZ=1.33
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=9.0 9.8 10.4
ALT/AZ=48.7 -24.5
fwAVG=2.58
sdW=10.0
fwW=2.47
sdS=8.5
fwS=2.80
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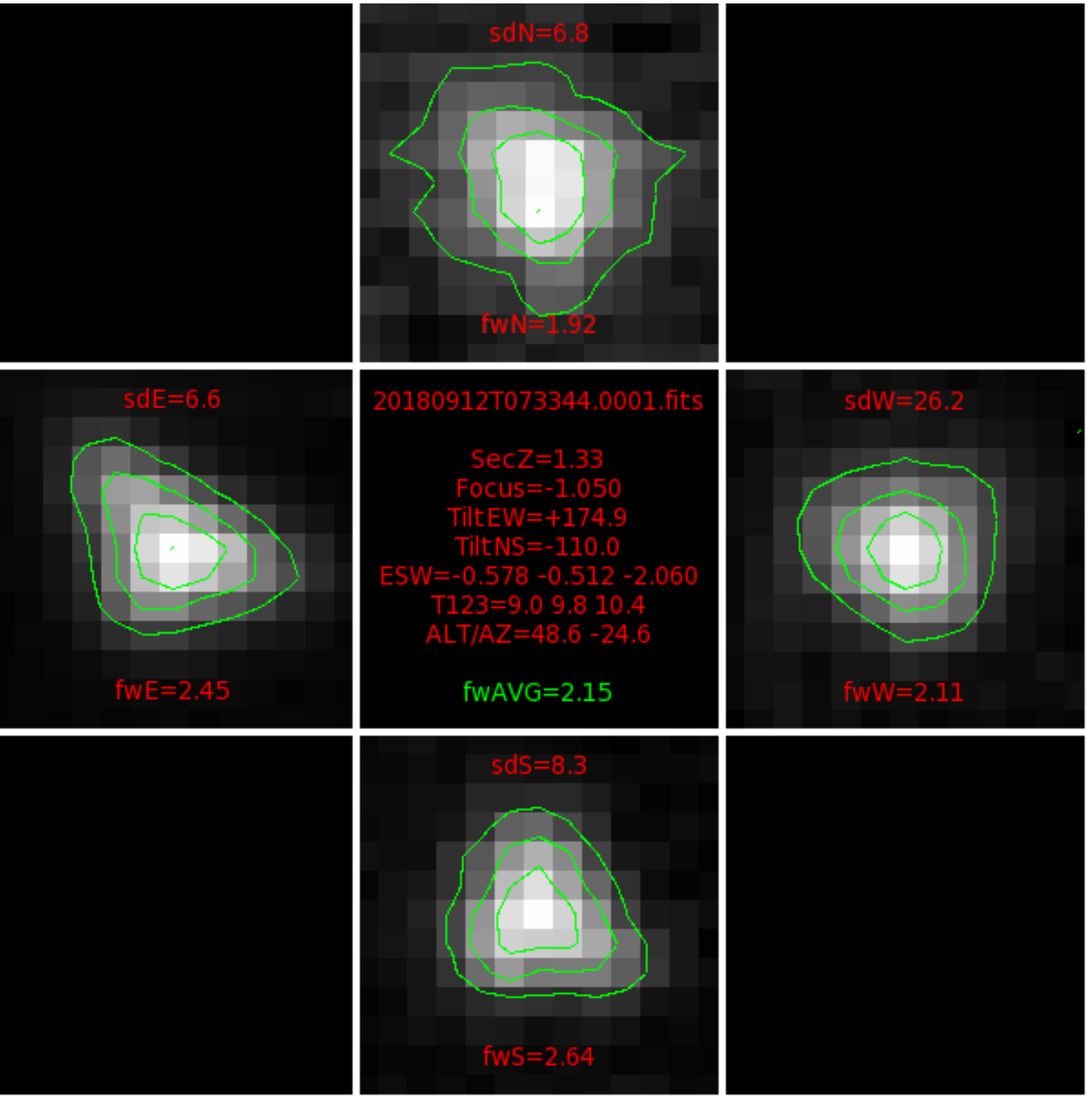
sdN=6.8
fwN=1.92
sdE=6.6
fwE=2.45
20180912T073344.0001.fits
SecZ=1.33
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=9.0 9.8 10.4
ALT/AZ=48.6 -24.6
fwAVG=2.15
sdW=26.2
fwW=2.11
sdS=8.3
fwS=2.64
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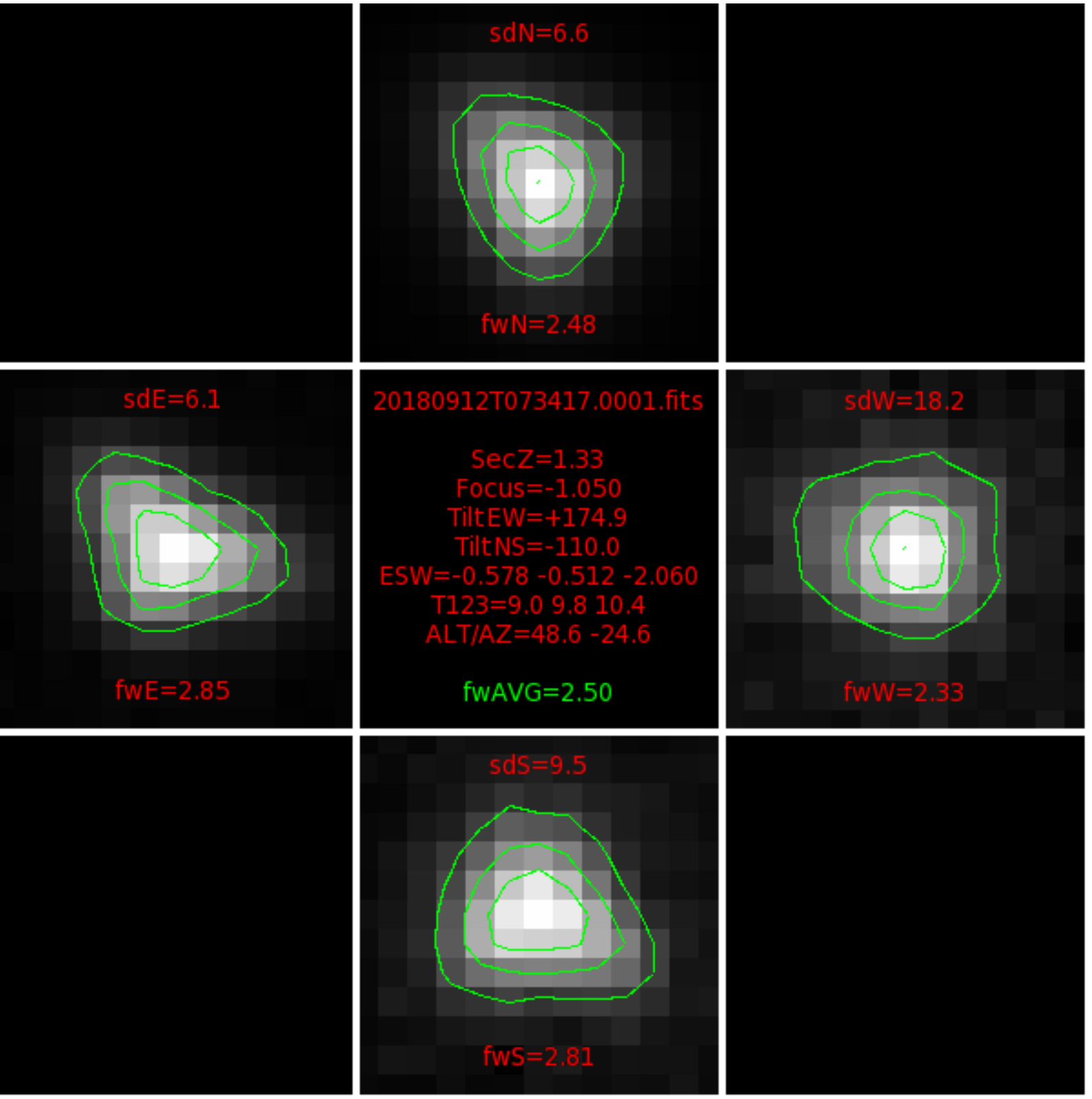
sdN=6.6
fwN=2.48
sdE=6.1
fwE=2.85
20180912T073417.0001.fits
SecZ=1.33
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=9.0 9.8 10.4
ALT/AZ=48.6 -24.6
fwAVG=2.50
sdW=18.2
fwW=2.33
sdS=9.5
fwS=2.81
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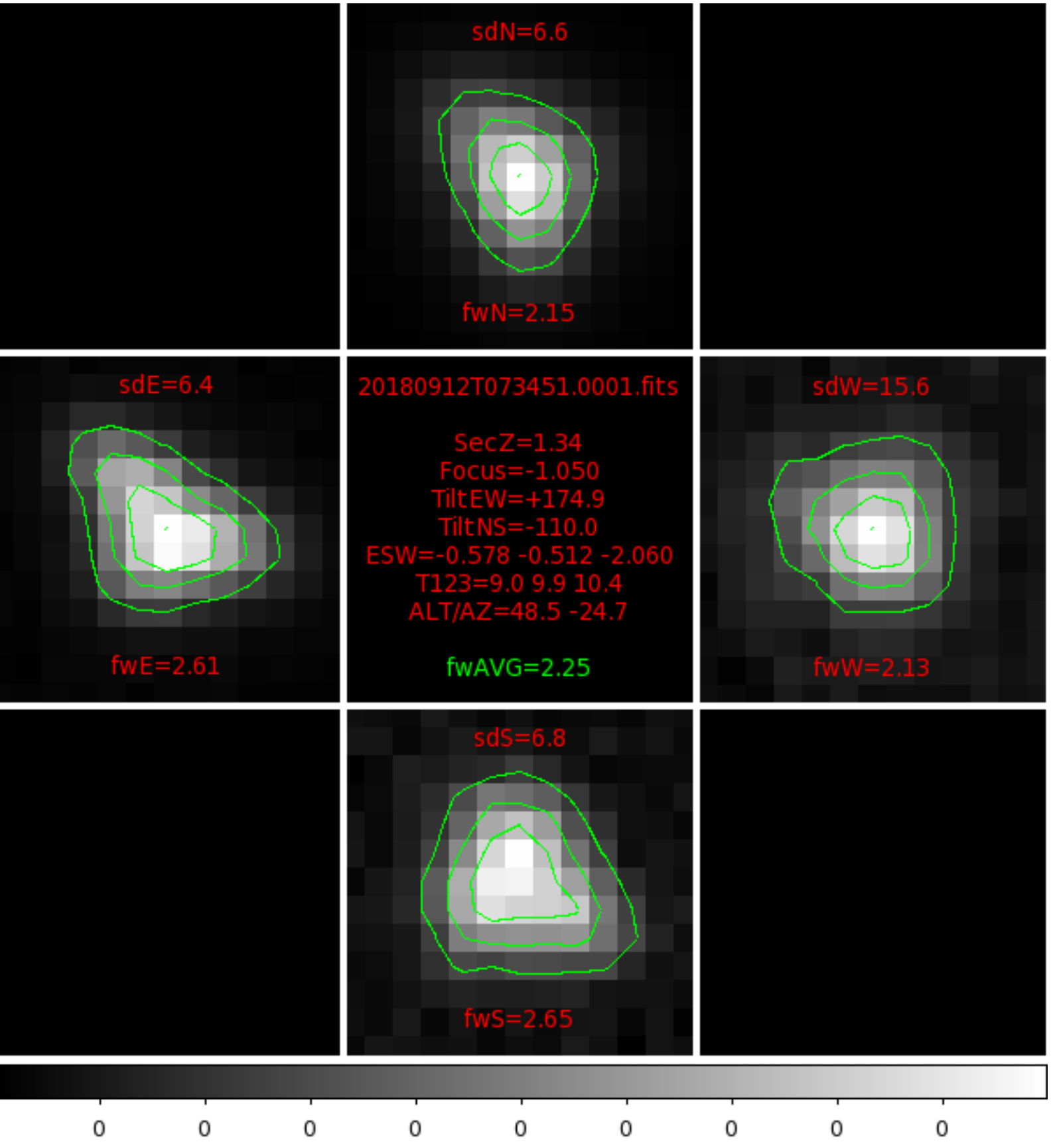
sdN=6.6
fwN=2.15
sdE=6.4
fwE=2.61
20180912T073451.0001.fits
SecZ=1.34
Focus=-1.050
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.578 -0.512 -2.060
T123=9.0 9.9 10.4
ALT/AZ=48.5 -24.7
fwAVG=2.25
sdW=15.6
fwW=2.13
sdS=6.8
fwS=2.65
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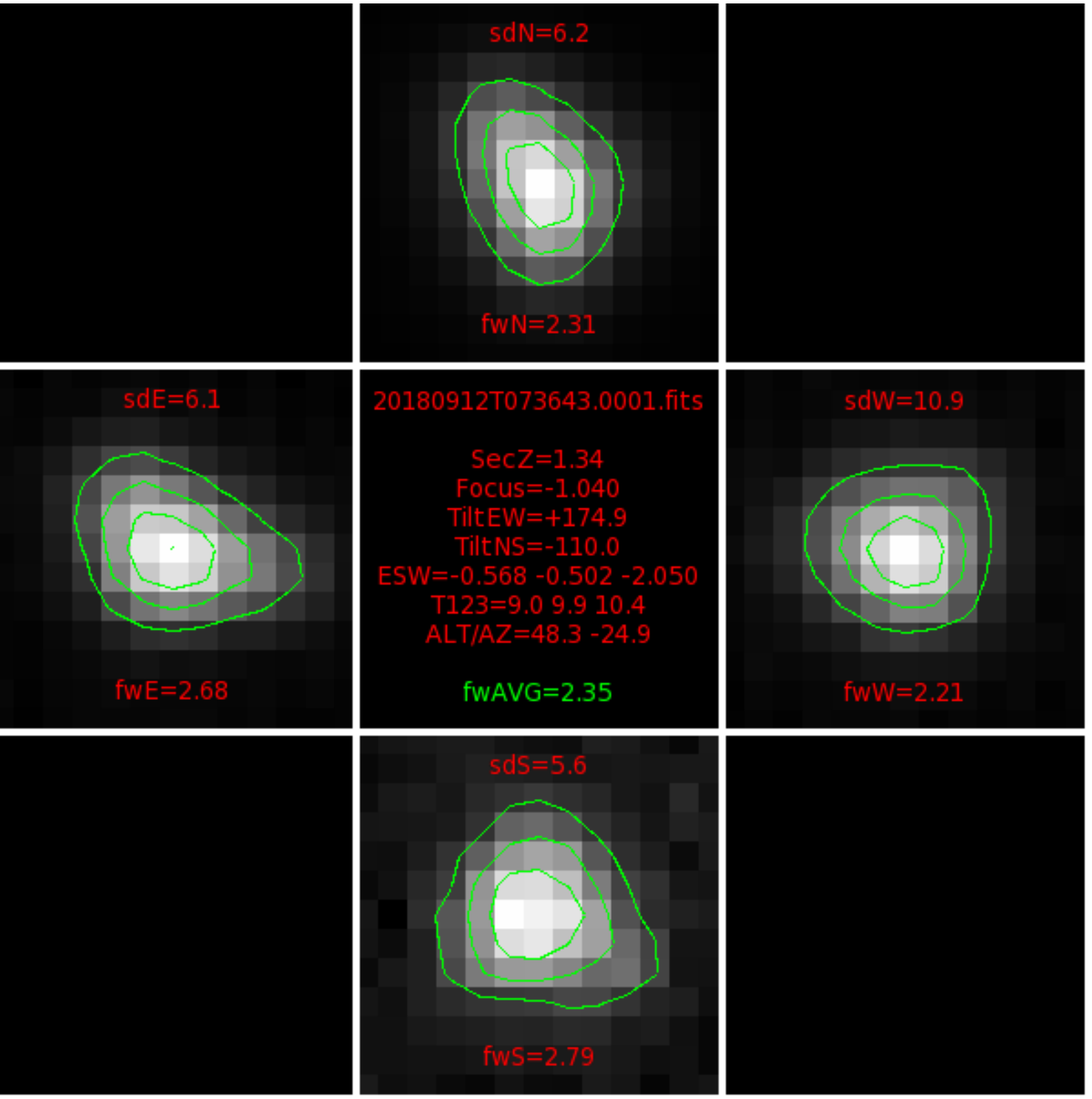
sdN=6.2
fwN=2.31
sdE=6.1
fwE=2.68
20180912T073643.0001.fits
SecZ=1.34
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.0 9.9 10.4
ALT/AZ=48.3 -24.9
fwAVG=2.35
sdW=10.9
fwW=2.21
sdS=5.6
fwS=2.79
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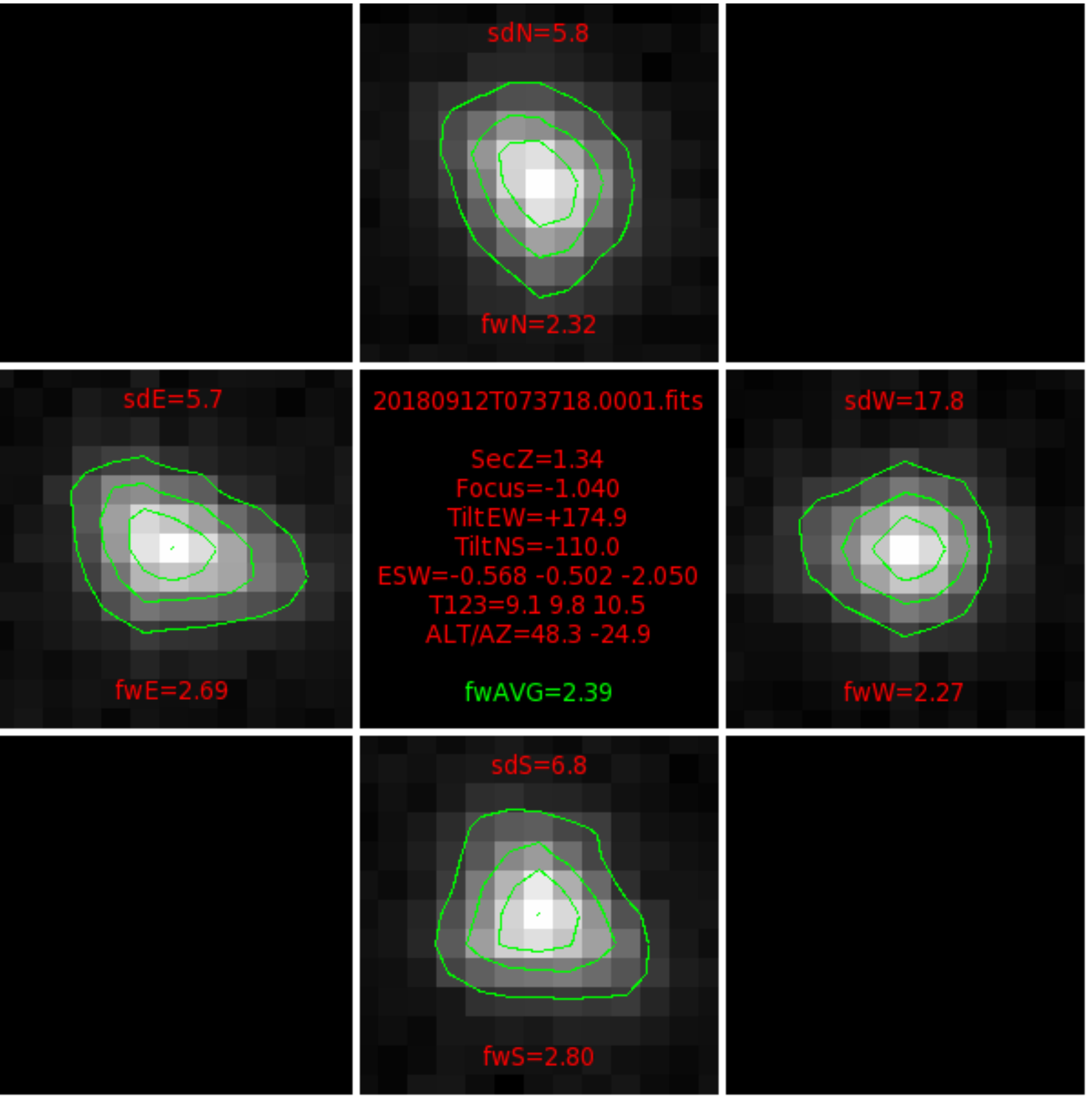
sdN=5.8
fwN=2.32
sdE=5.7
fwE=2.69
20180912T073718.0001.fits
SecZ=1.34
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.1 9.8 10.5
ALT/AZ=48.3 -24.9
fwAVG=2.39
sdW=17.8
fwW=2.27
sdS=6.8
fwS=2.80
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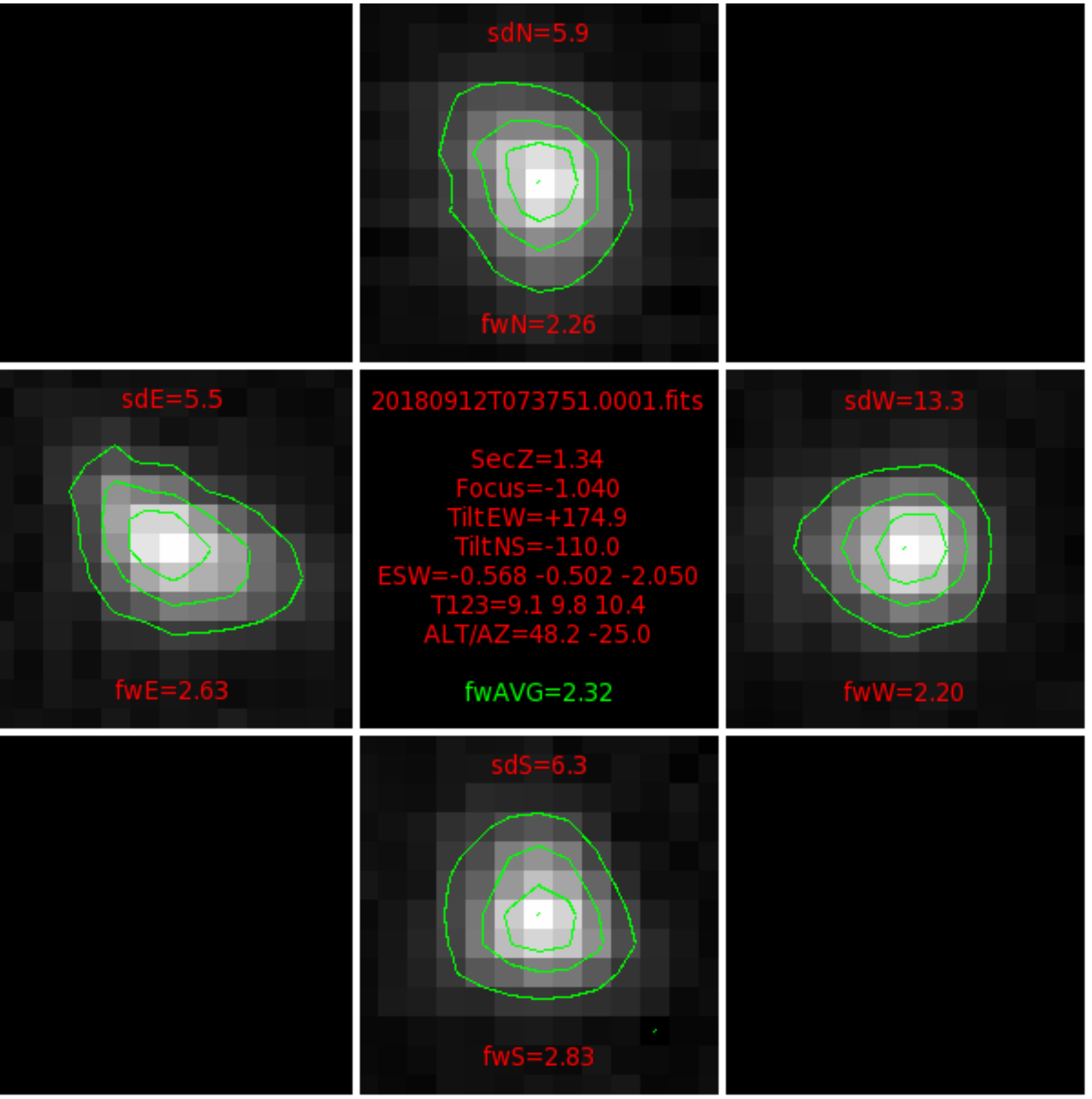
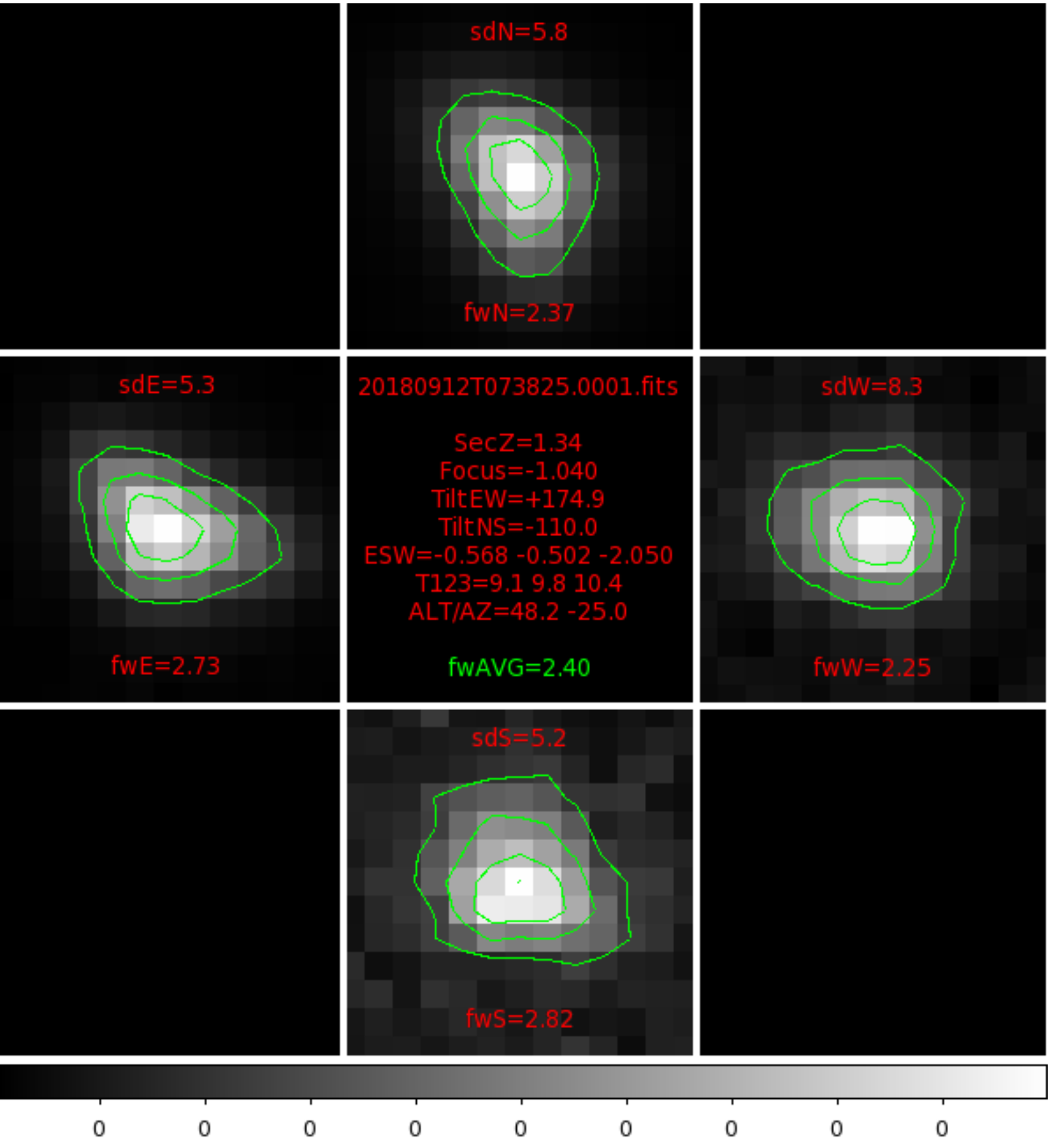

sdN=5.9
fwN=2.26
sdE=5.5
fwE=2.63
20180912T073751.0001.fits
SecZ=1.34
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.1 9.8 10.4
ALT/AZ=48.2 -25.0
fwAVG=2.32
sdW=13.3
fwW=2.20
sdS=6.3
fwS=2.83
0 0 0 0 0 0 0 0 0


sdN=5.8
fwN=2.37
sdE=5.3
fwE=2.73
20180912T073825.0001.fits
SecZ=1.34
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.1 9.8 10.4
ALT/AZ=48.2 -25.0
fwAVG=2.40
sdW=8.3
fwW=2.25
sdS=5.2
fwS=2.82
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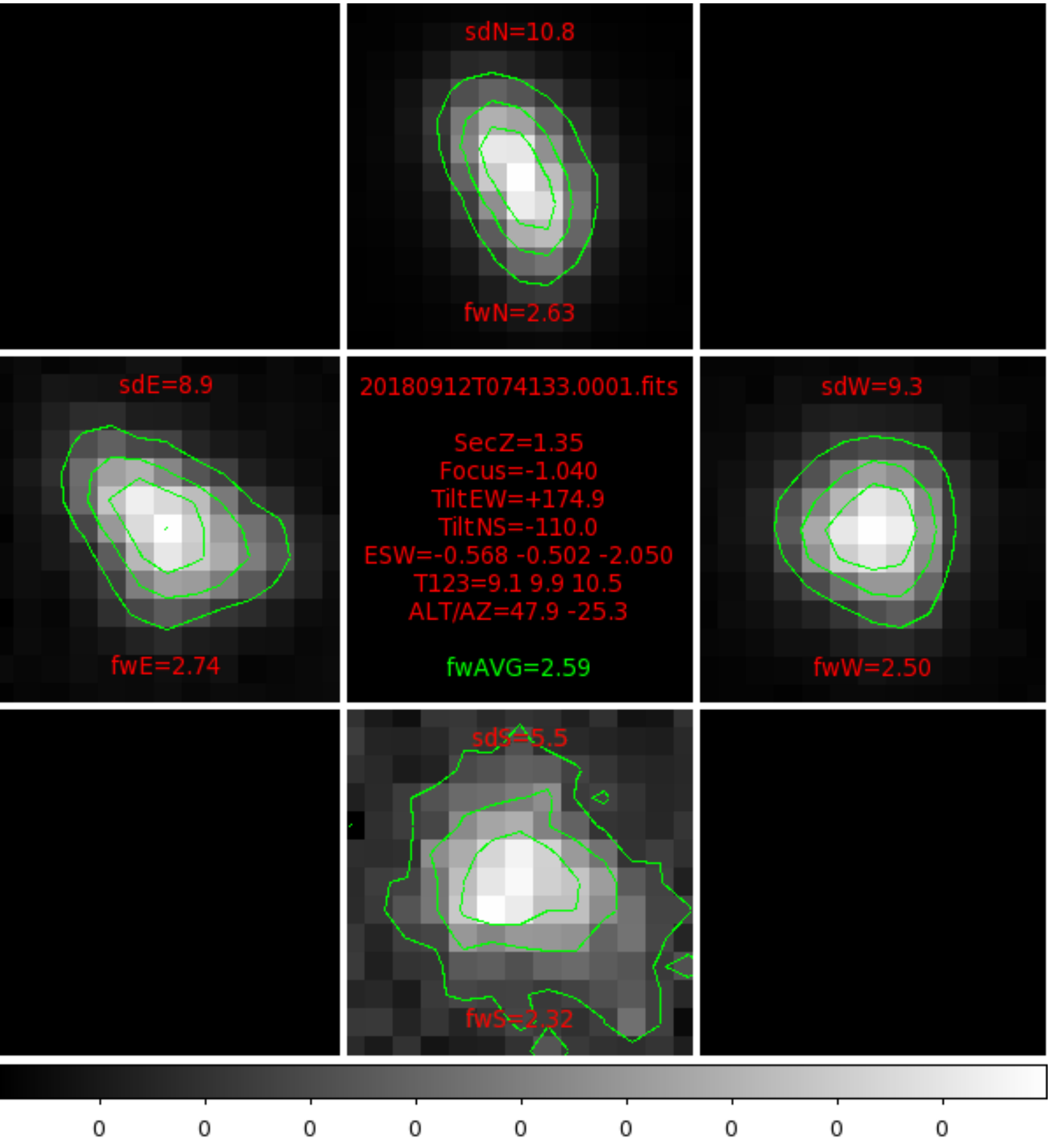
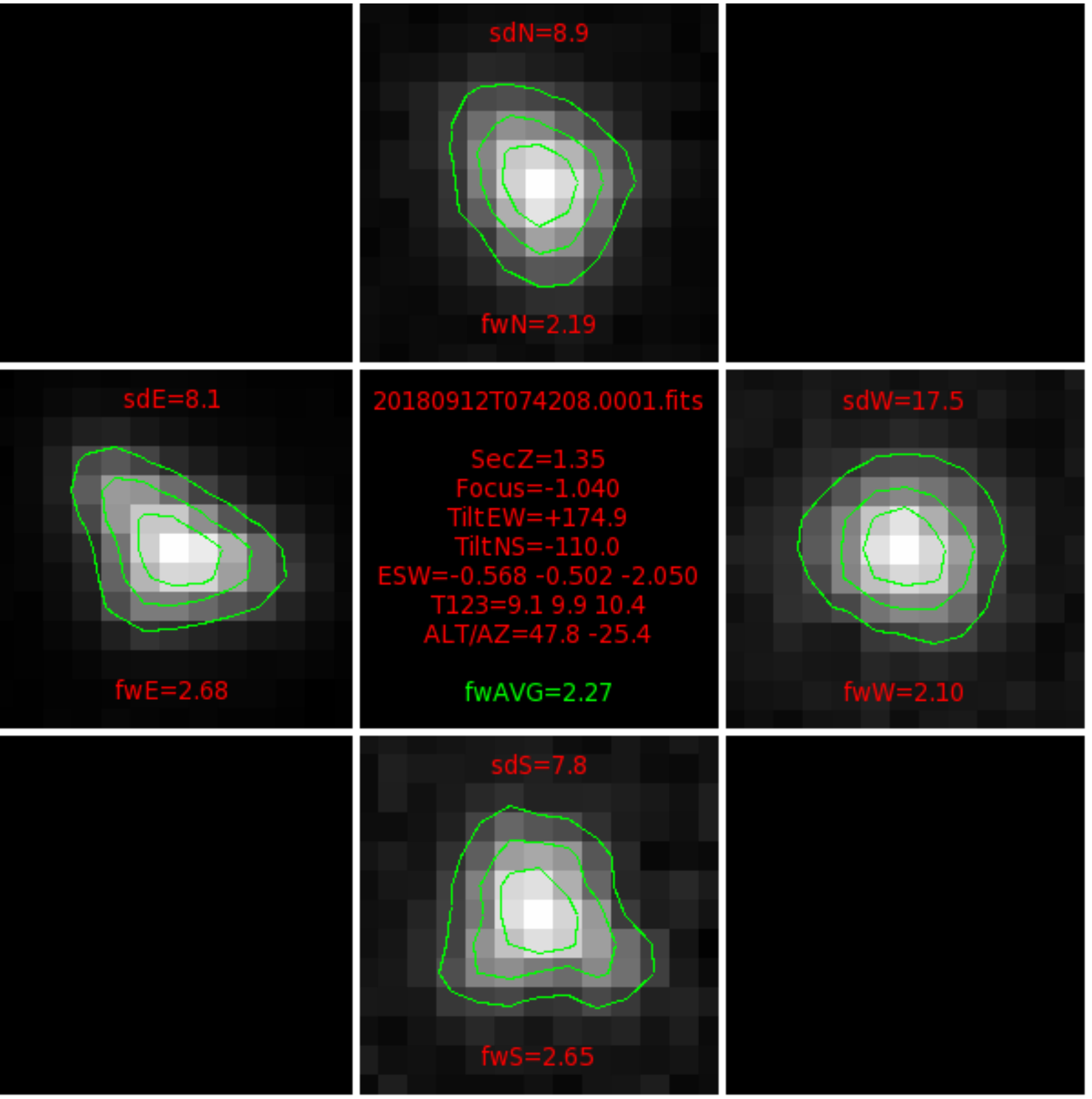
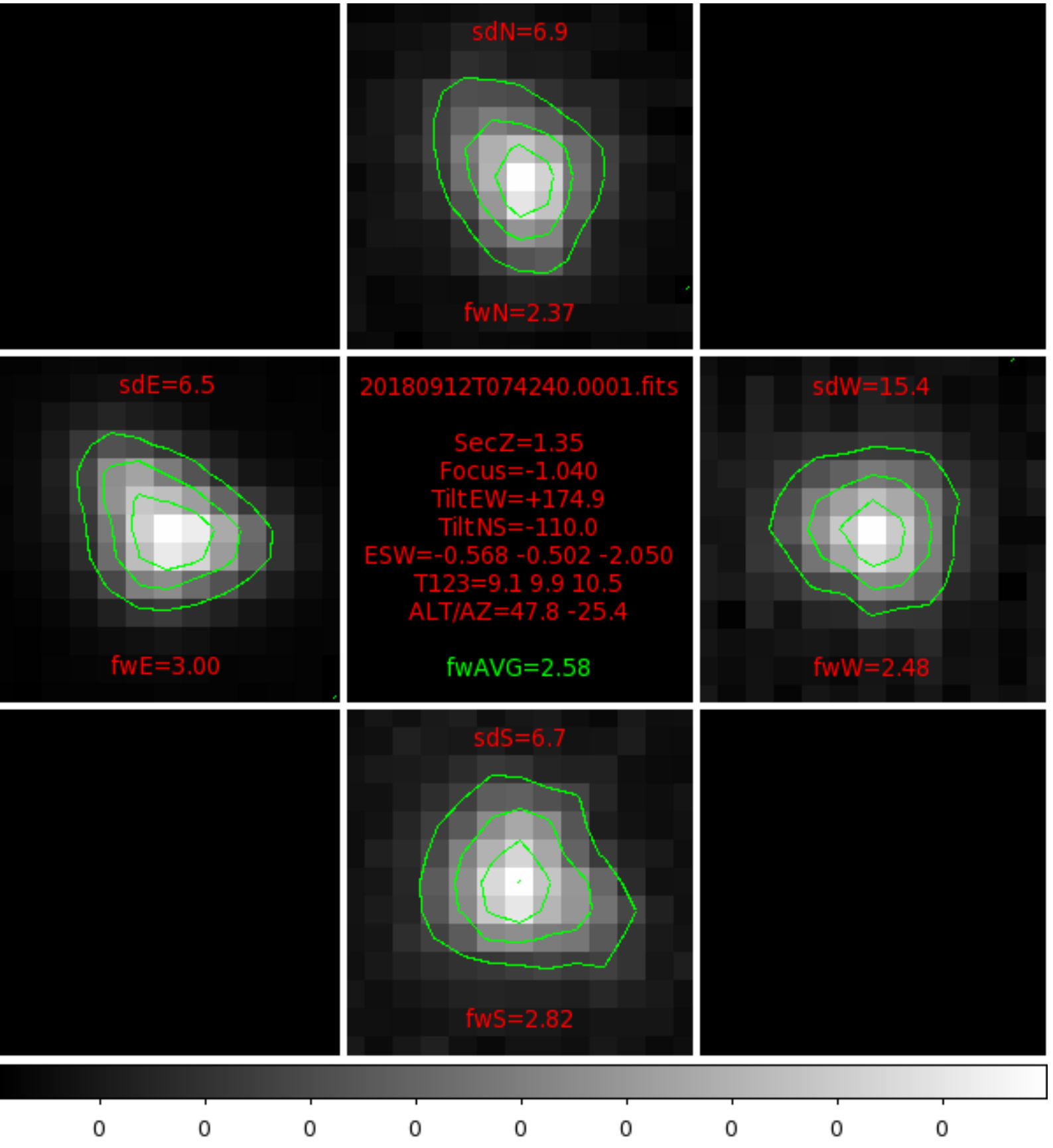

sdN=10.8
fwN=2.63
sdE=8.9
fwE=2.74
20180912T074133.0001.fits
SecZ=1.35
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.1 9.9 10.5
ALT/AZ=47.9 -25.3
fwAVG=2.59
sdW=9.3
fwW=2.50
sdS=5.5
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=8.9
fwN=2.19
sdE=8.1
fwE=2.68
20180912T074208.0001.fits
SecZ=1.35
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.1 9.9 10.4
ALT/AZ=47.8 -25.4
fwAVG=2.27
sdW=17.5
fwW=2.10
sdS=7.8
fwS=2.65
0 0 0 0 0 0 0 0 0


sdN=6.9
fwN=2.37
sdE=6.5
fwE=3.00
20180912T074240.0001.fits
SecZ=1.35
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.1 9.9 10.5
ALT/AZ=47.8 -25.4
fwAVG=2.58
sdW=15.4
fwW=2.48
sdS=6.7
fwS=2.82
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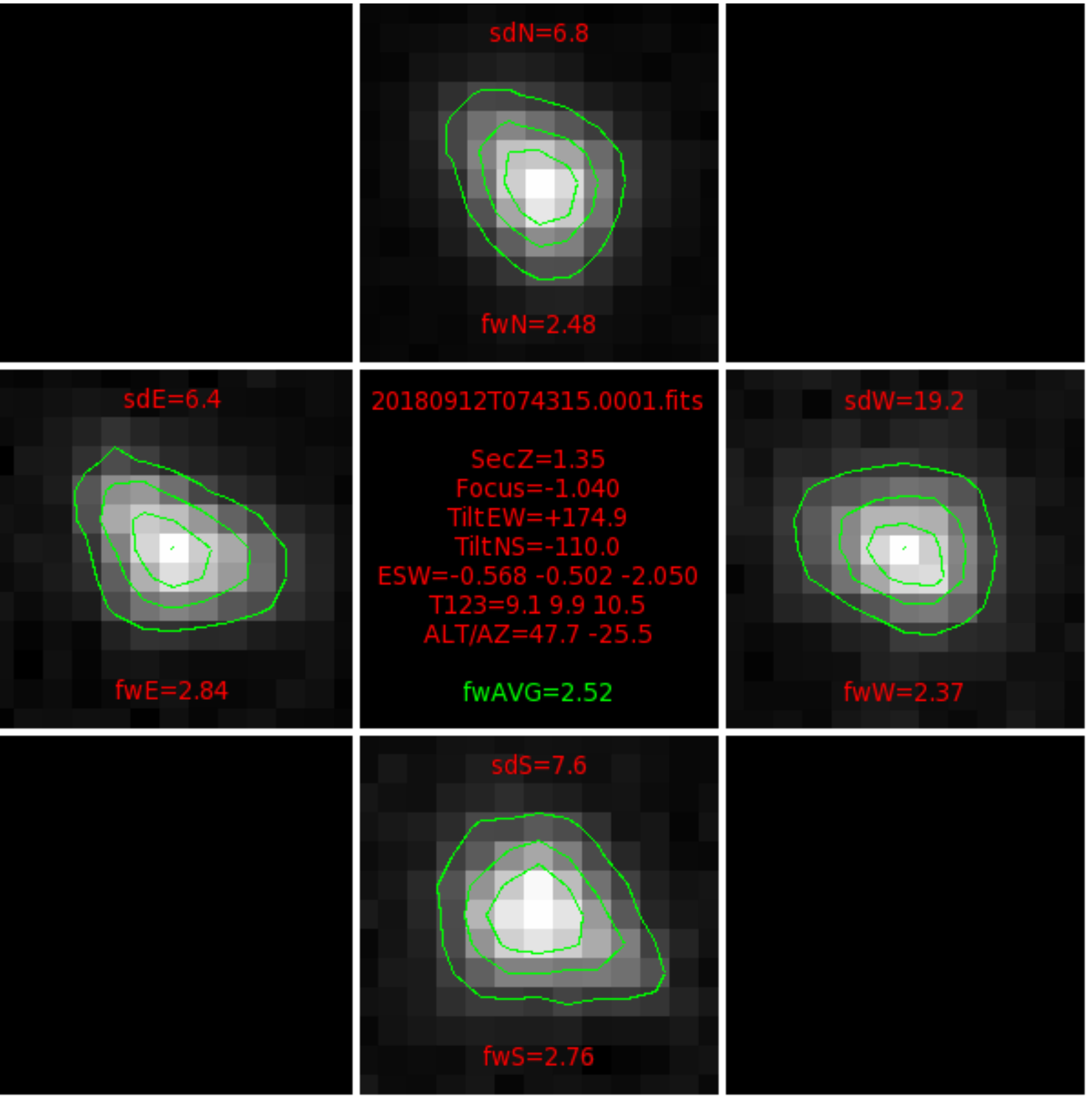
sdN=6.8
fwN=2.48
sdE=6.4
fwE=2.84
20180912T074315.0001.fits
SecZ=1.35
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.1 9.9 10.5
ALT/AZ=47.7 -25.5
fwAVG=2.52
sdW=19.2
fwW=2.37
sdS=7.6
fwS=2.76
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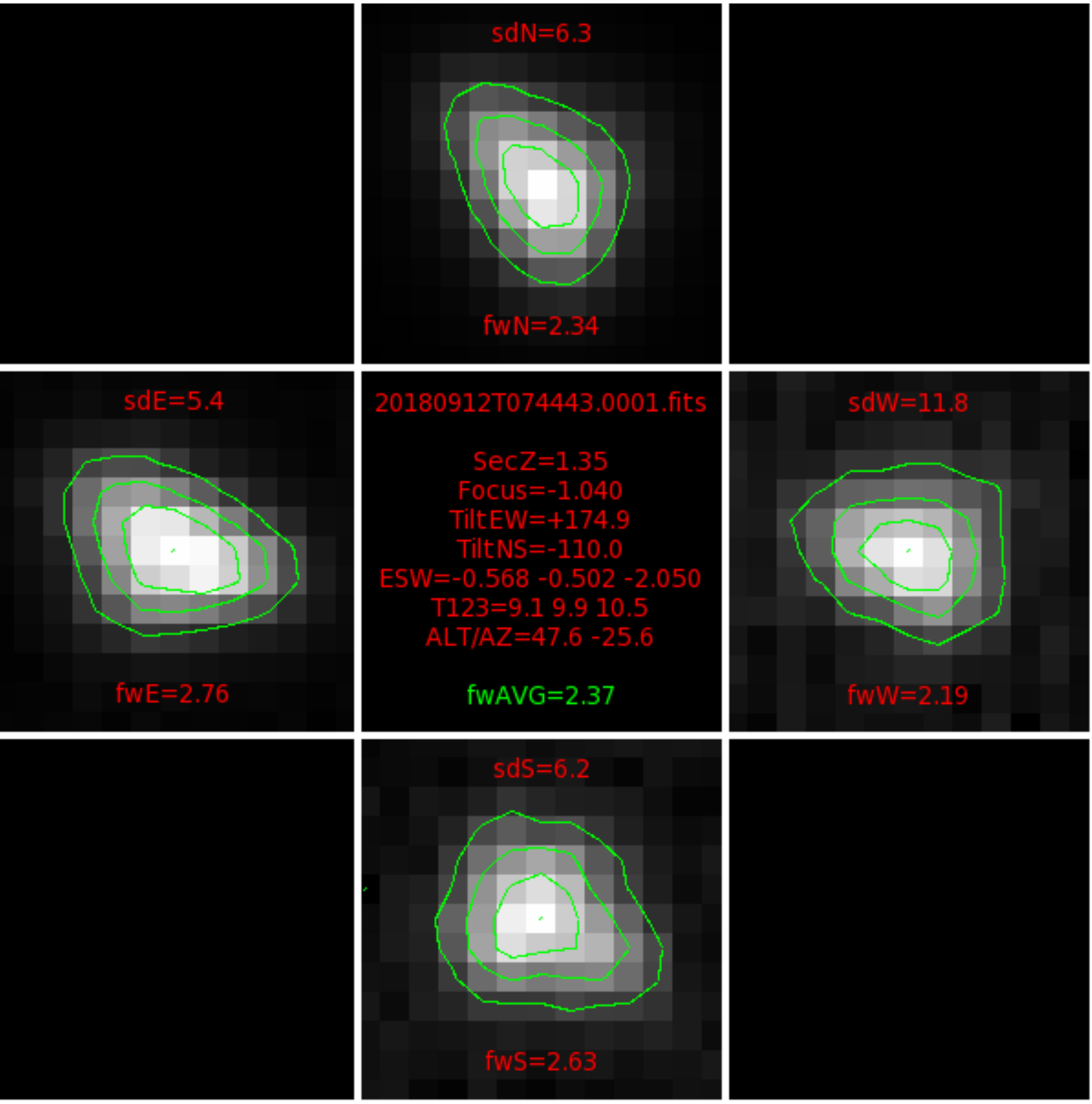
sdN=6.3
fwN=2.34
sdE=5.4
fwE=2.76
20180912T074443.0001.fits
SecZ=1.35
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.1 9.9 10.5
ALT/AZ=47.6 -25.6
fwAVG=2.37
sdW=11.8
fwW=2.19
sdS=6.2
fwS=2.63
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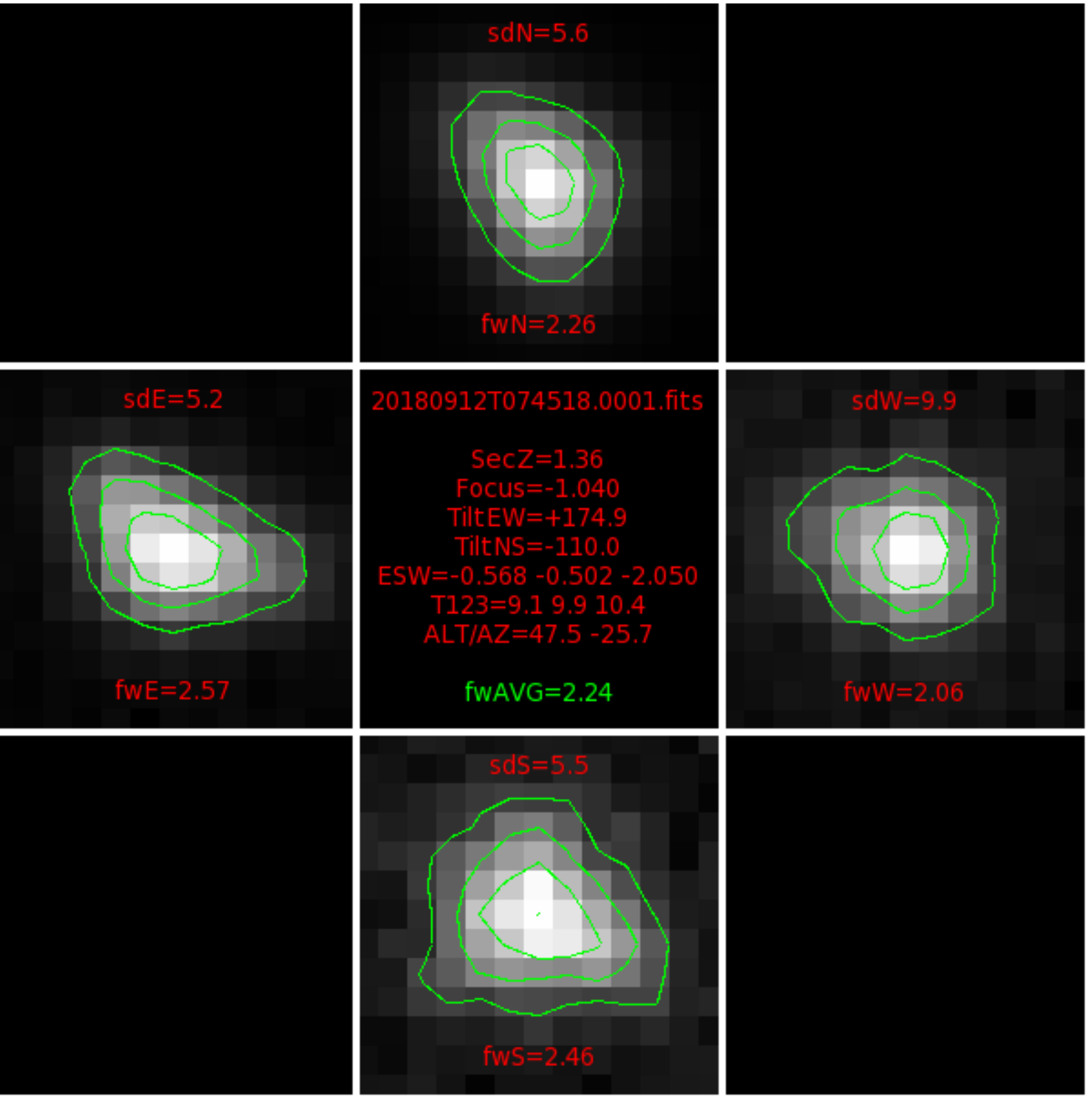
sdN=5.6
fwN=2.26
sdE=5.2
fwE=2.57
20180912T074518.0001.fits
SecZ=1.36
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.1 9.9 10.4
ALT/AZ=47.5 -25.7
fwAVG=2.24
sdW=9.9
fwW=2.06
sdS=5.5
fwS=2.46
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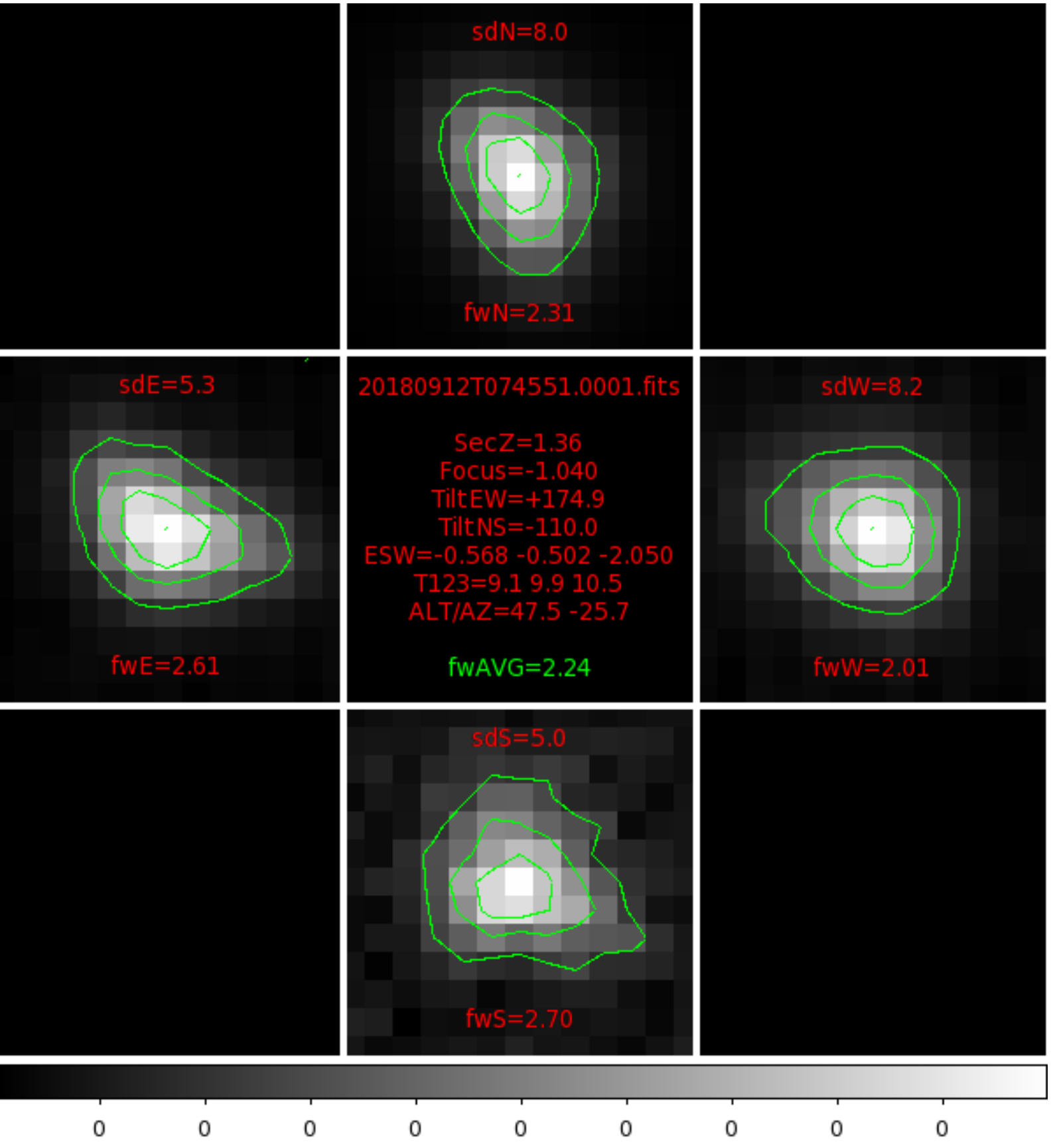
sdN=8.0
fwN=2.31
sdE=5.3
fwE=2.61
20180912T074551.0001.fits
SecZ=1.36
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.1 9.9 10.5
ALT/AZ=47.5 -25.7
fwAVG=2.24
sdW=8.2
fwW=2.01
sdS=5.0
fwS=2.70
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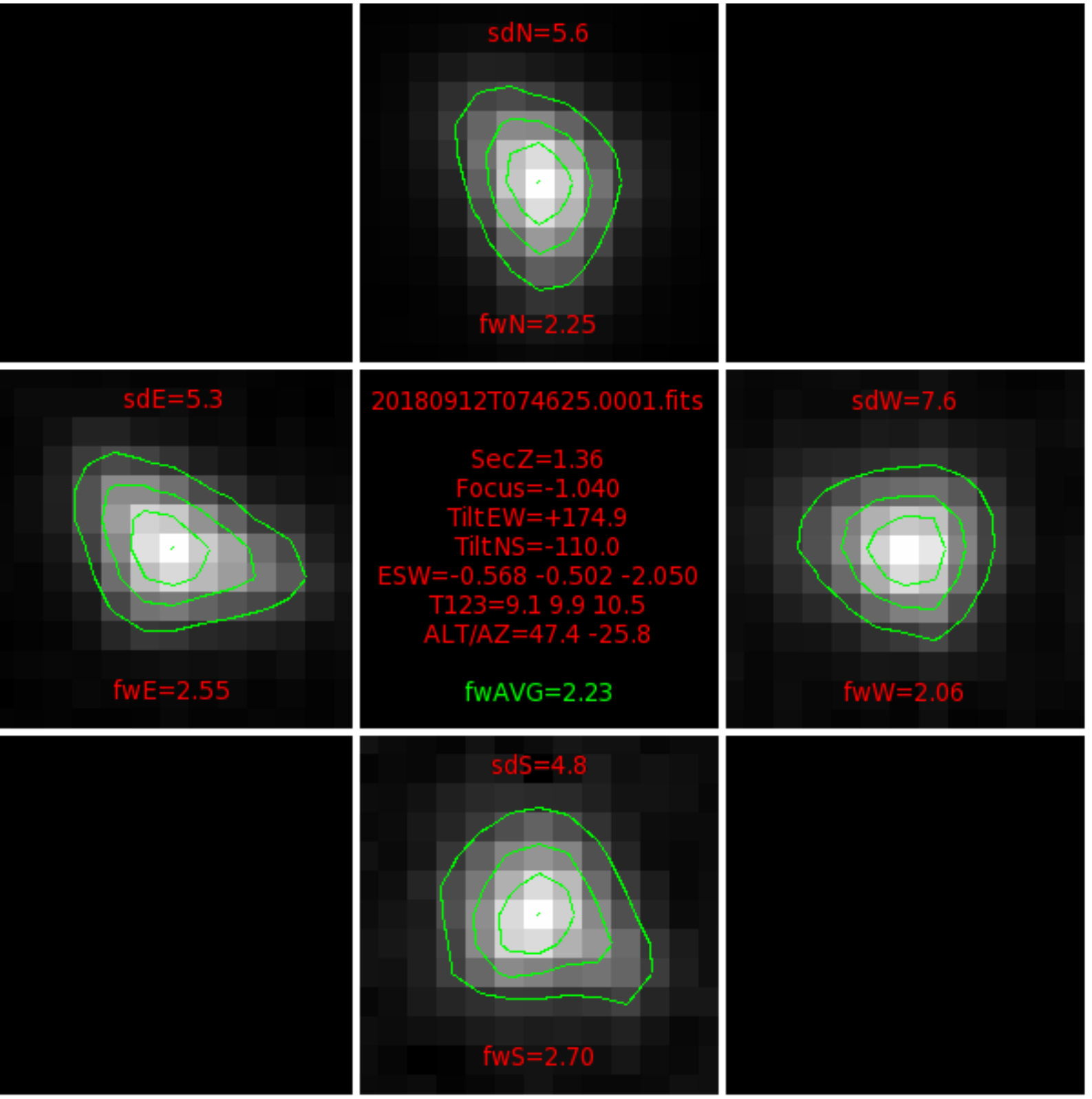
sdN=5.6
fwN=2.25
sdE=5.3
fwE=2.55
20180912T074625.0001.fits
SecZ=1.36
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.1 9.9 10.5
ALT/AZ=47.4 -25.8
fwAVG=2.23
sdW=7.6
fwW=2.06
sdS=4.8
fwS=2.70
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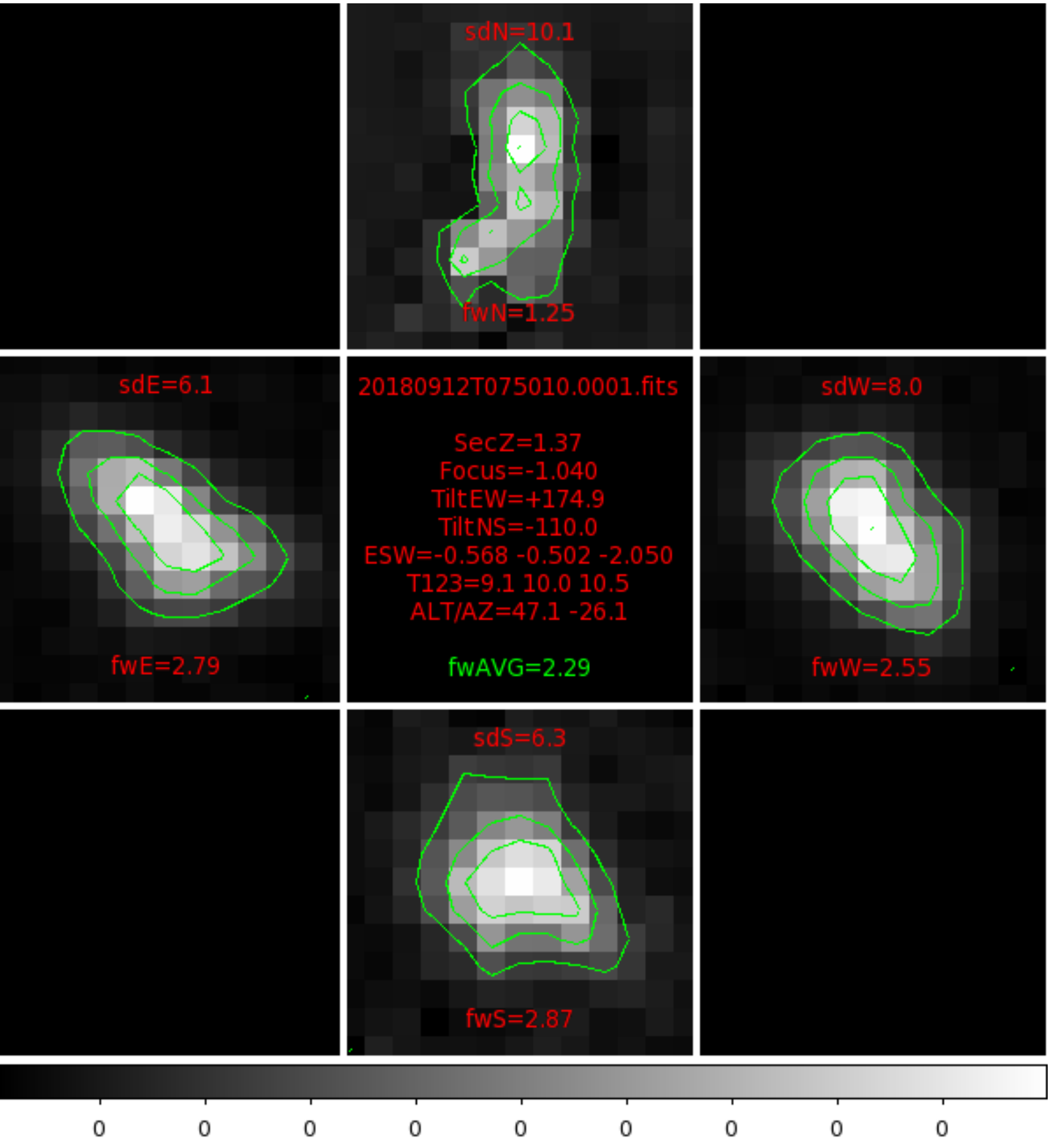
sdN=10.1
fwN=1.25
sdE=6.1
fwE=2.79
20180912T075010.0001.fits
SecZ=1.37
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.1 10.0 10.5
ALT/AZ=47.1 -26.1
fwAVG=2.29
sdW=8.0
fwW=2.55
sdS=6.3
fwS=2.87
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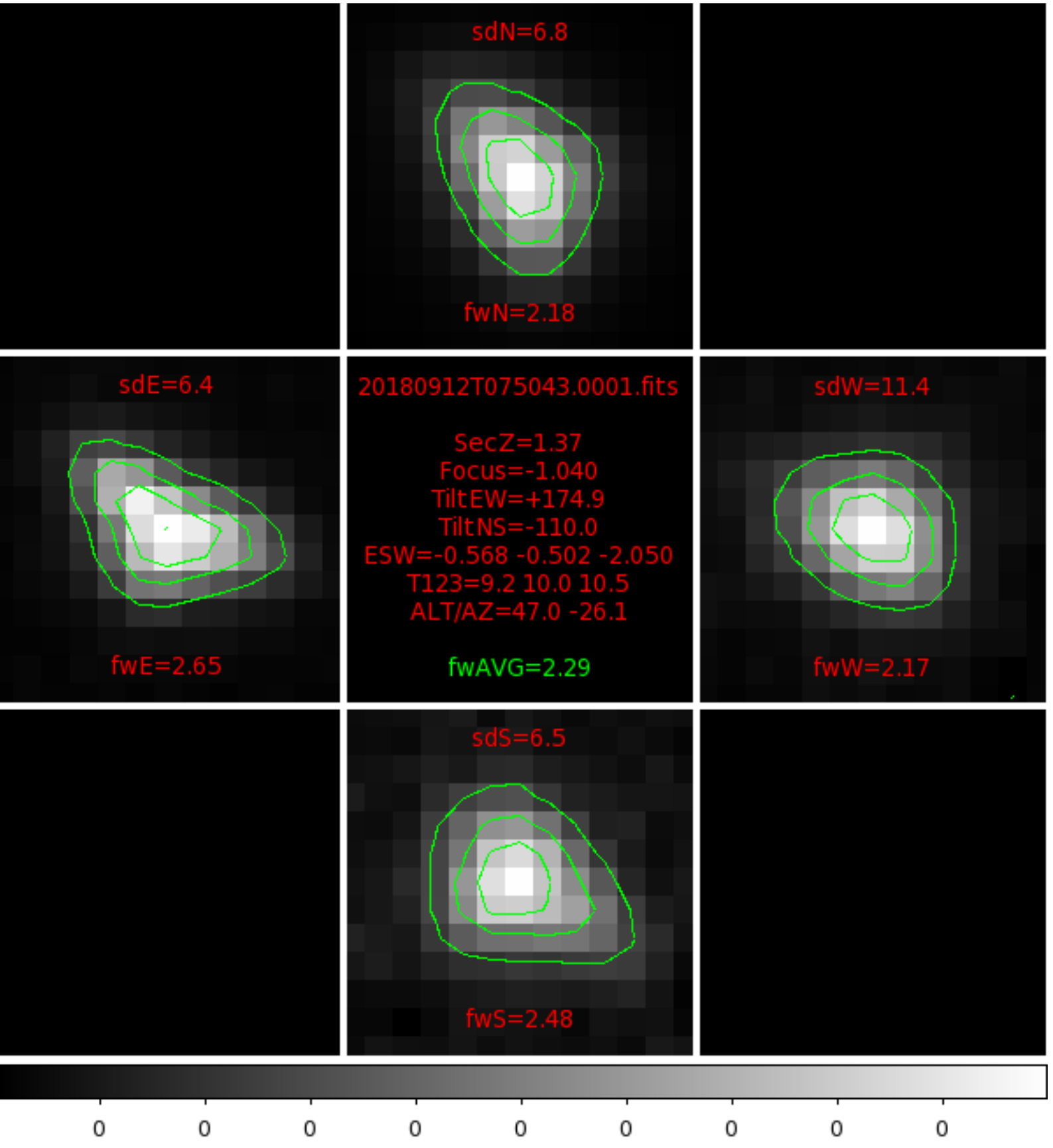
sdN=6.8
fwN=2.18
sdE=6.4
fwE=2.65
20180912T075043.0001.fits
SecZ=1.37
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.2 10.0 10.5
ALT/AZ=47.0 -26.1
fwAVG=2.29
sdW=11.4
fwW=2.17
sdS=6.5
fwS=2.48
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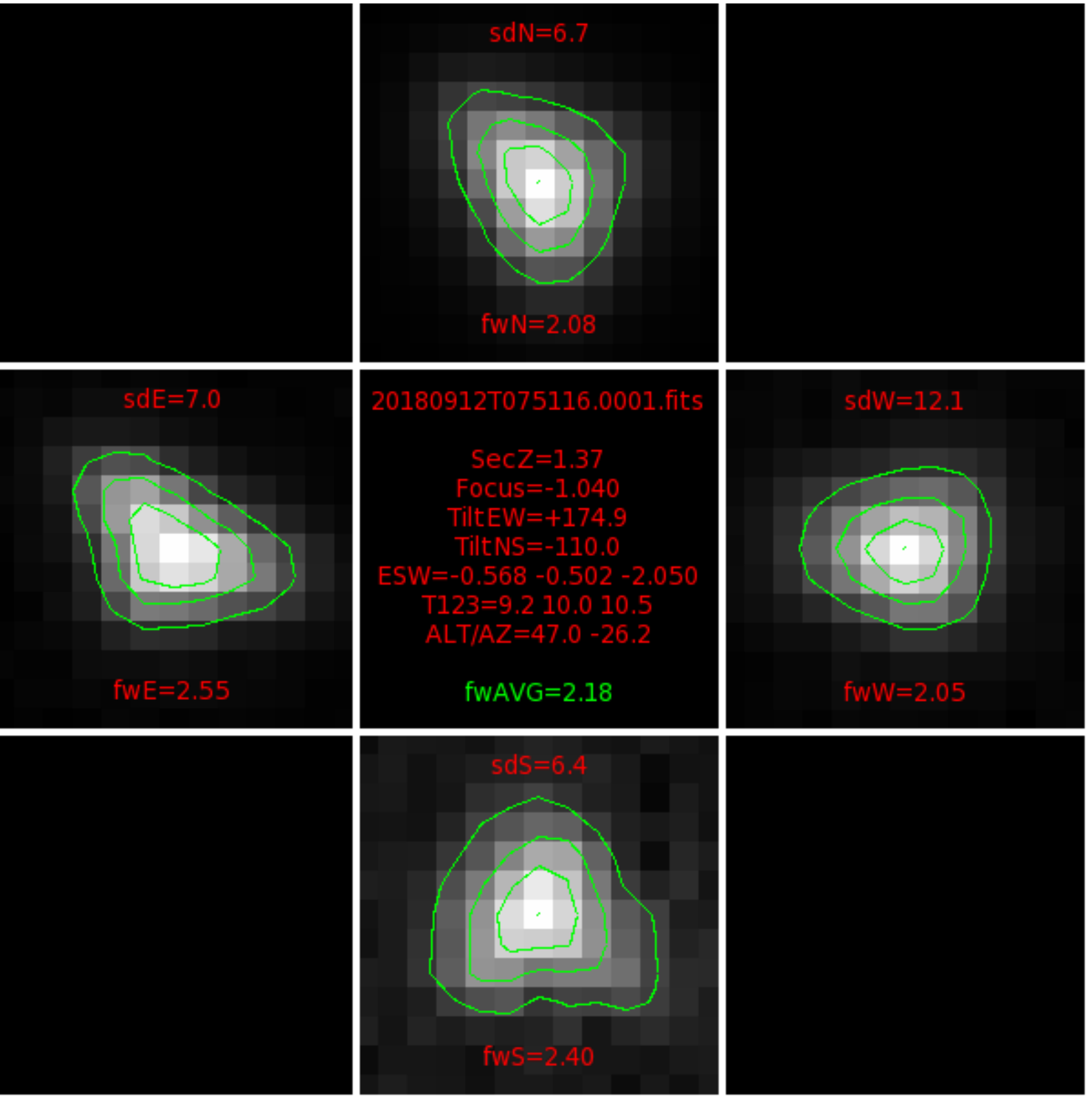
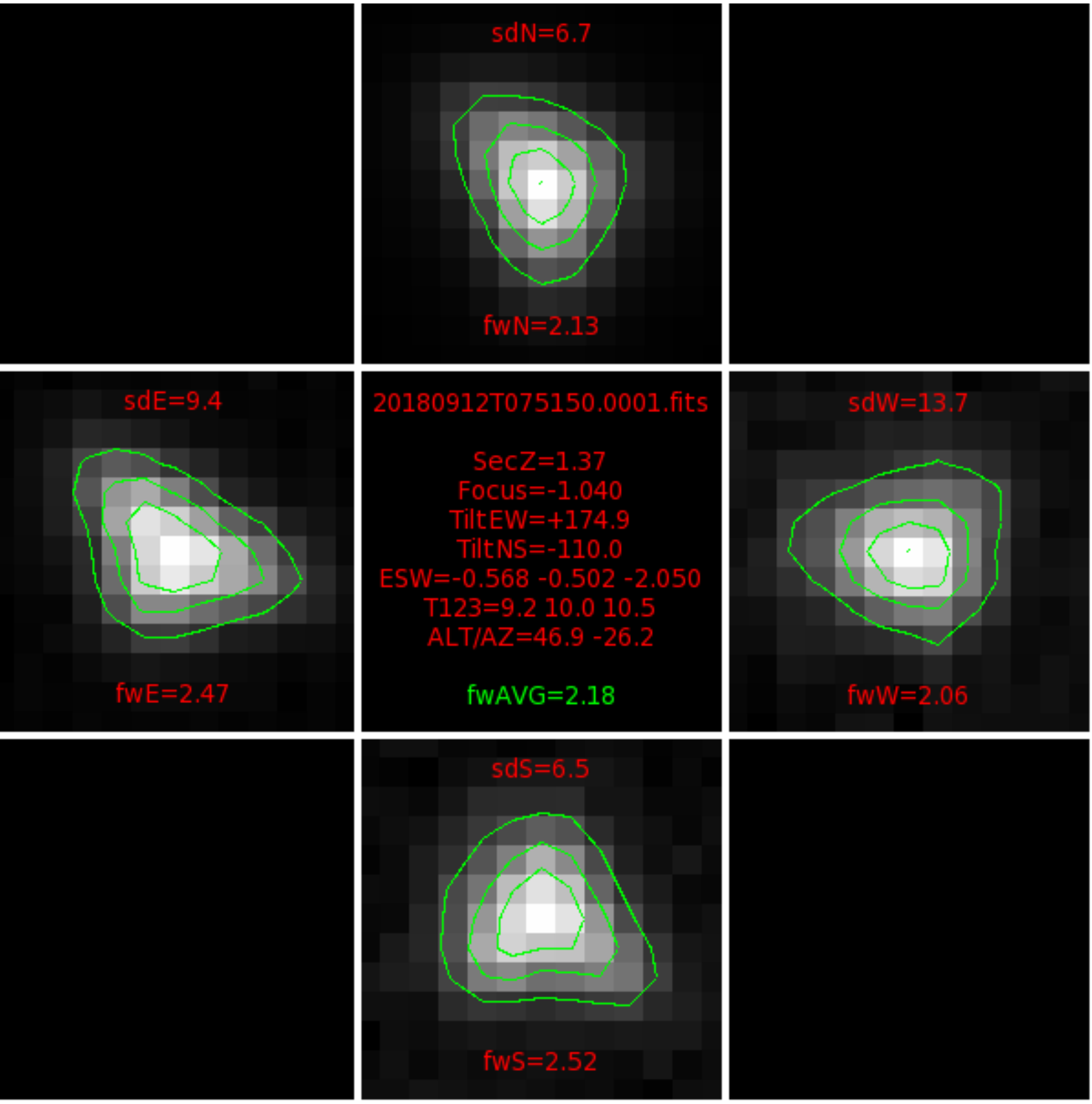

sdN=6.7
fwN=2.08
sdE=7.0
fwE=2.55
20180912T075116.0001.fits
SecZ=1.37
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.2 10.0 10.5
ALT/AZ=47.0 -26.2
fwAVG=2.18
sdW=12.1
fwW=2.05
sdS=6.4
fwS=2.40
0 0 0 0 0 0 0 0 0


sdN=6.7
fwN=2.13
sdE=9.4
fwE=2.47
20180912T075150.0001.fits
SecZ=1.37
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.2 10.0 10.5
ALT/AZ=46.9 -26.2
fwAVG=2.18
sdW=13.7
fwW=2.06
sdS=6.5
fwS=2.52
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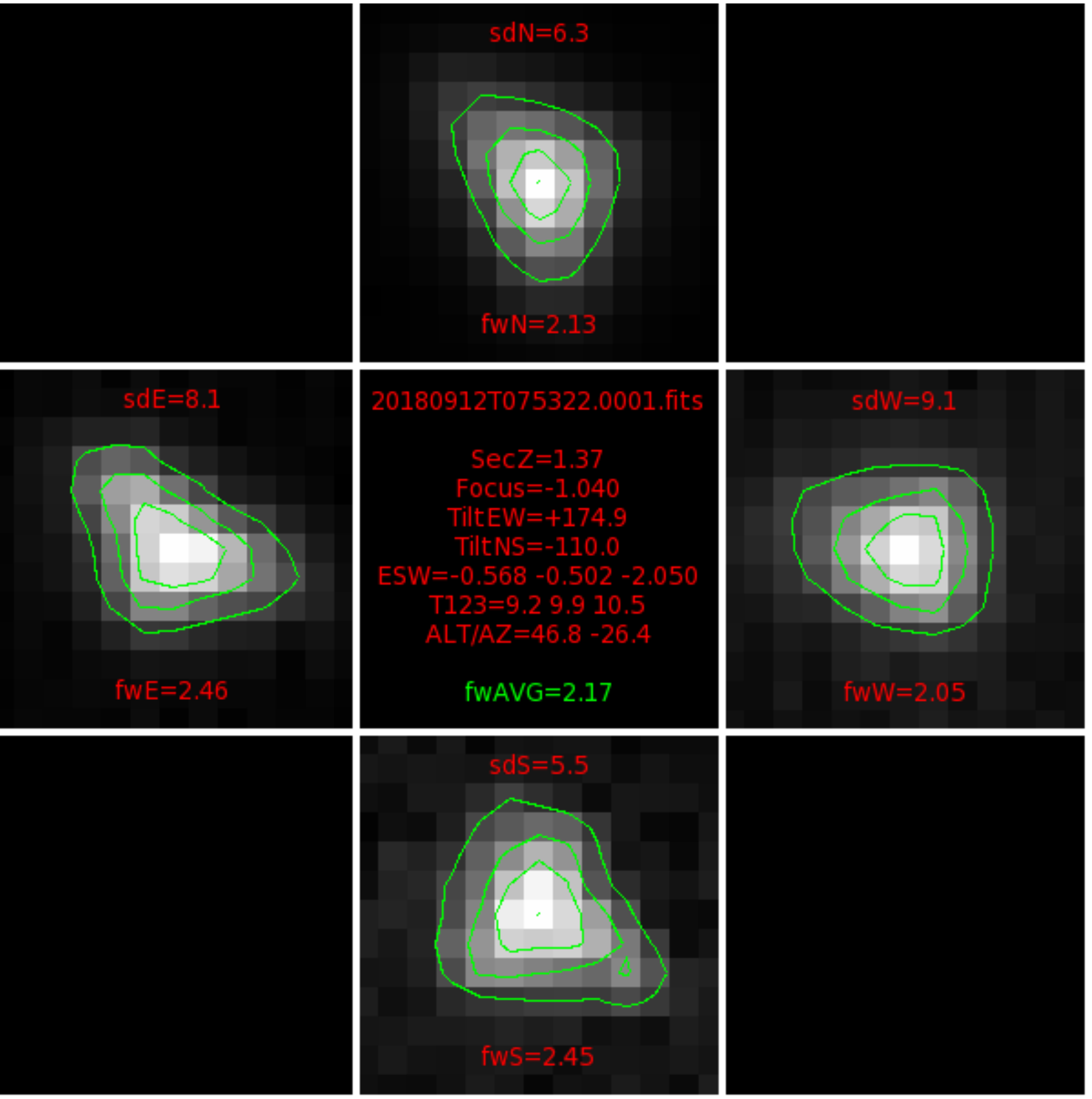
sdN=6.3
fwN=2.13
sdE=8.1
fwE=2.46
20180912T075322.0001.fits
SecZ=1.37
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.2 9.9 10.5
ALT/AZ=46.8 -26.4
fwAVG=2.17
sdW=9.1
fwW=2.05
sdS=5.5
fwS=2.45
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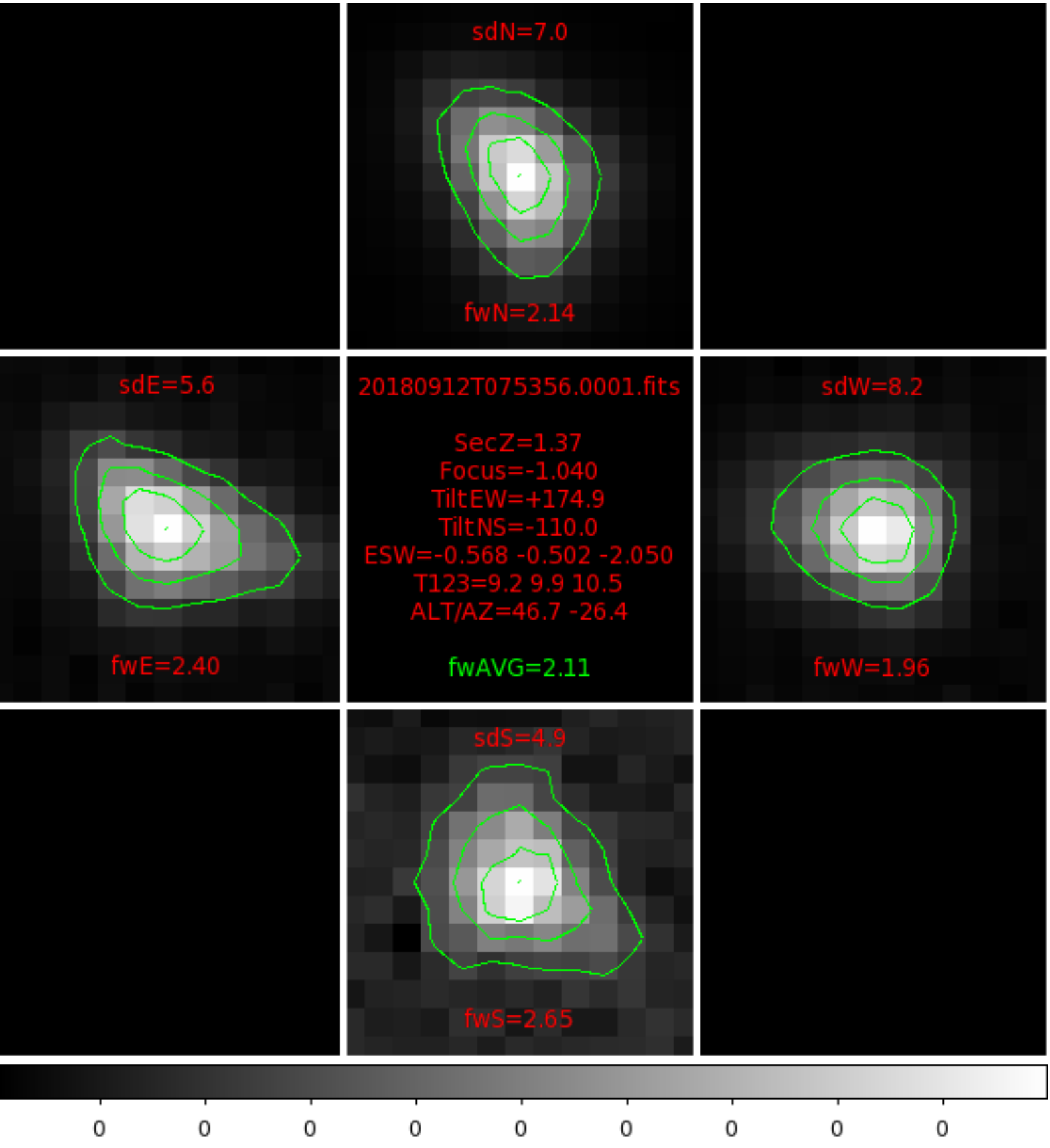
sdN=7.0
fwN=2.14
sdE=5.6
fwE=2.40
20180912T075356.0001.fits
SecZ=1.37
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.2 9.9 10.5
ALT/AZ=46.7 -26.4
fwAVG=2.11
sdW=8.2
fwW=1.96
sdS=4.9
fwS=2.65
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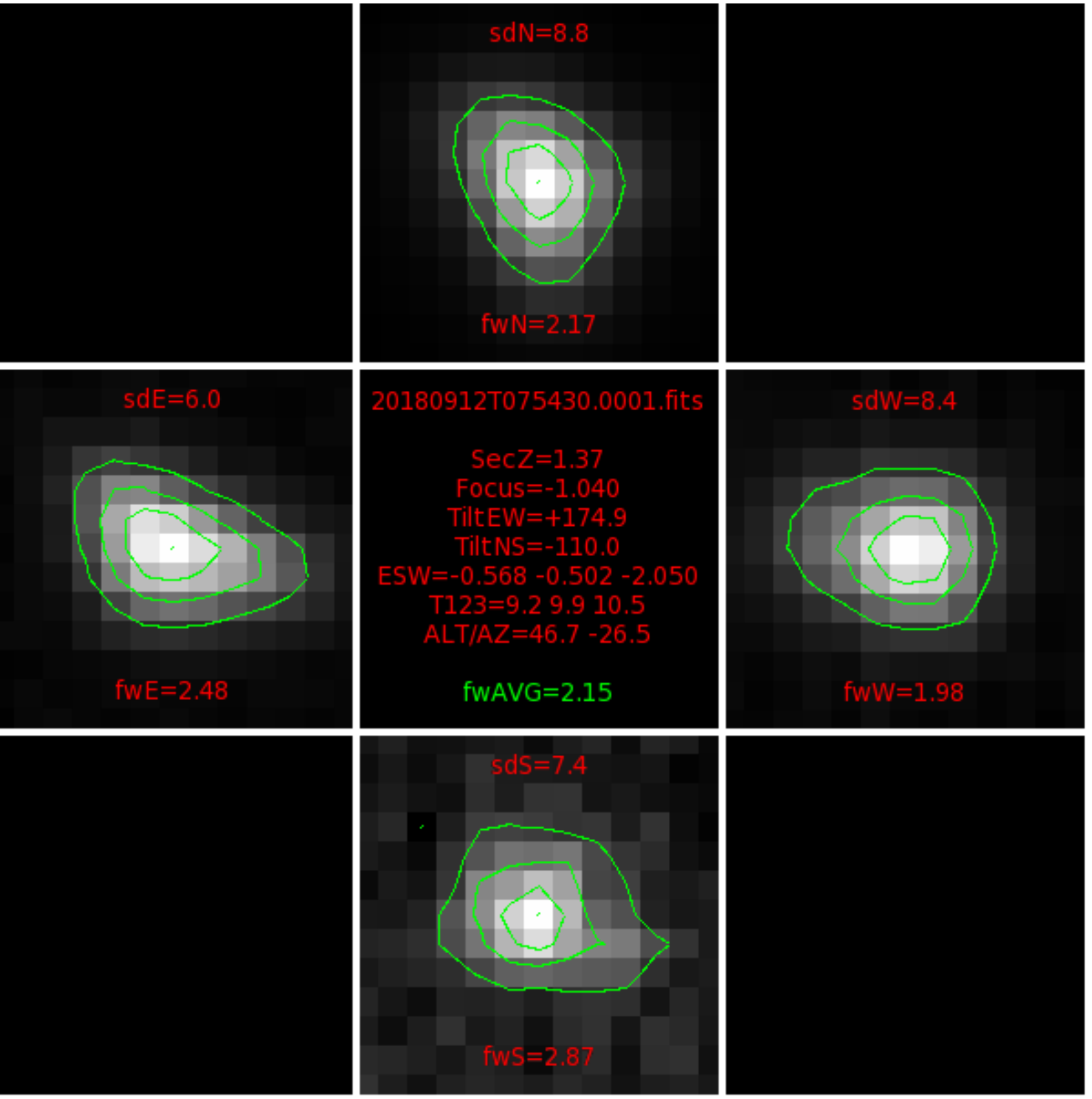
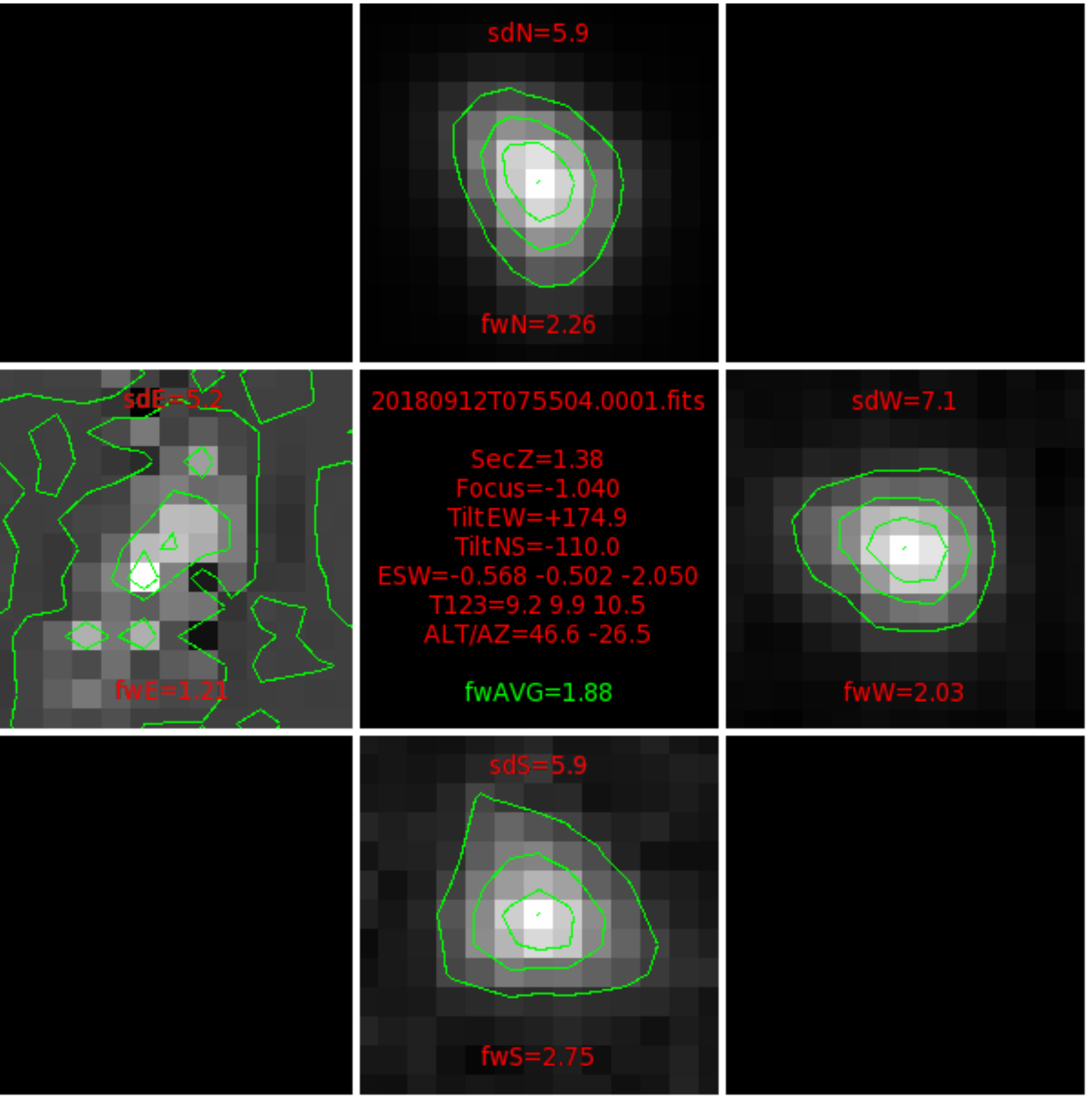

sdN=8.8
fwN=2.17
sdE=6.0
fwE=2.48
20180912T075430.0001.fits
SecZ=1.37
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.2 9.9 10.5
ALT/AZ=46.7 -26.5
fwAVG=2.15
sdW=8.4
fwW=1.98
sdS=7.4
fwS=2.87
0 0 0 0 0 0 0 0 0


sdN=5.9
fwN=2.26
sdE=5.2
fwE=1.21
20180912T075504.0001.fits
SecZ=1.38
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.2 9.9 10.5
ALT/AZ=46.6 -26.5
fwAVG=1.88
sdW=7.1
fwW=2.03
sdS=5.9
fwS=2.75
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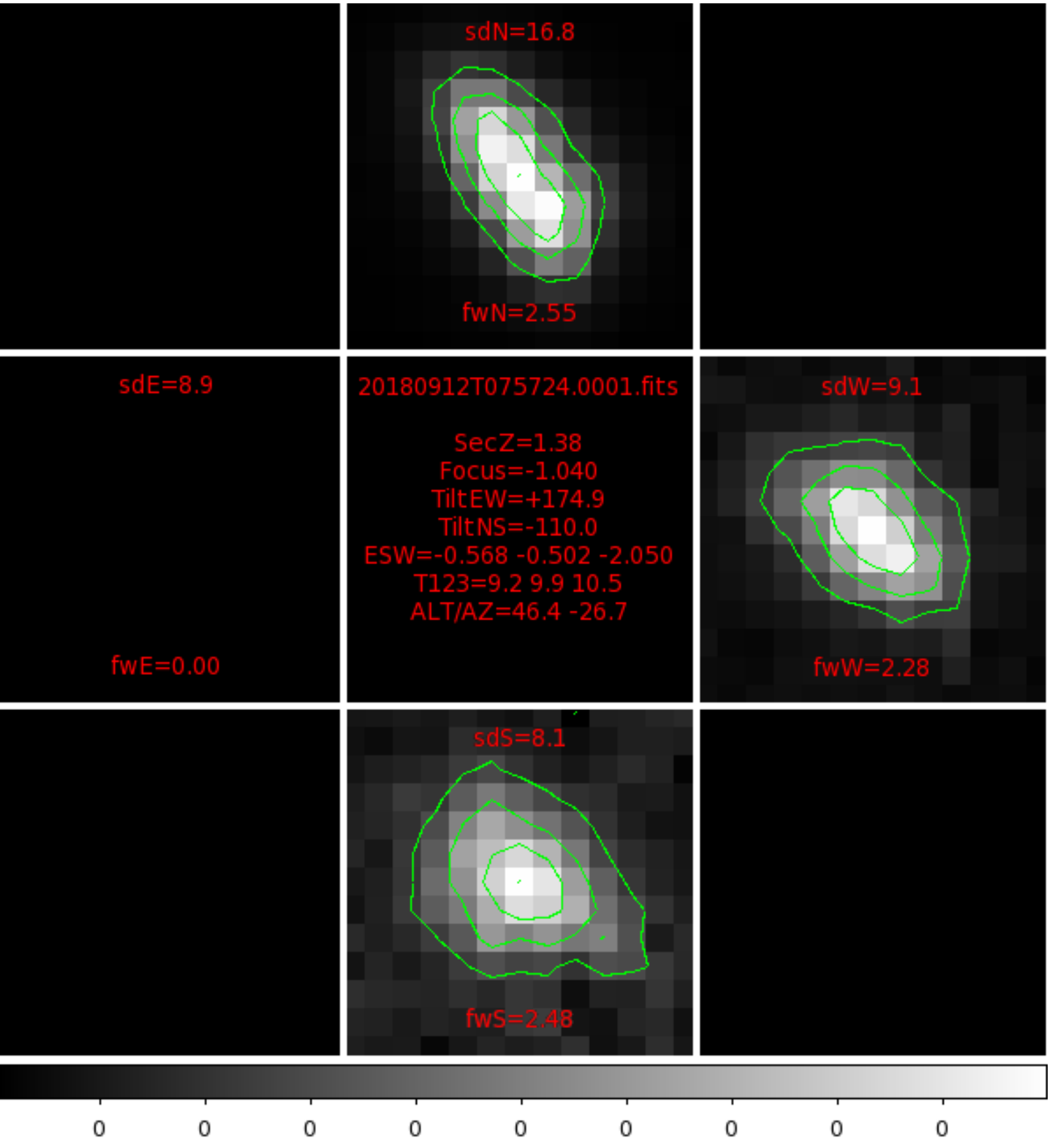
sdN=16.8
fwN=2.55
sdE=8.9
fwE=0.00
20180912T075724.0001.fits
SecZ=1.38
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.2 9.9 10.5
ALT/AZ=46.4 -26.7
sdW=9.1
fwW=2.28
sdS=8.1
fwS=2.48
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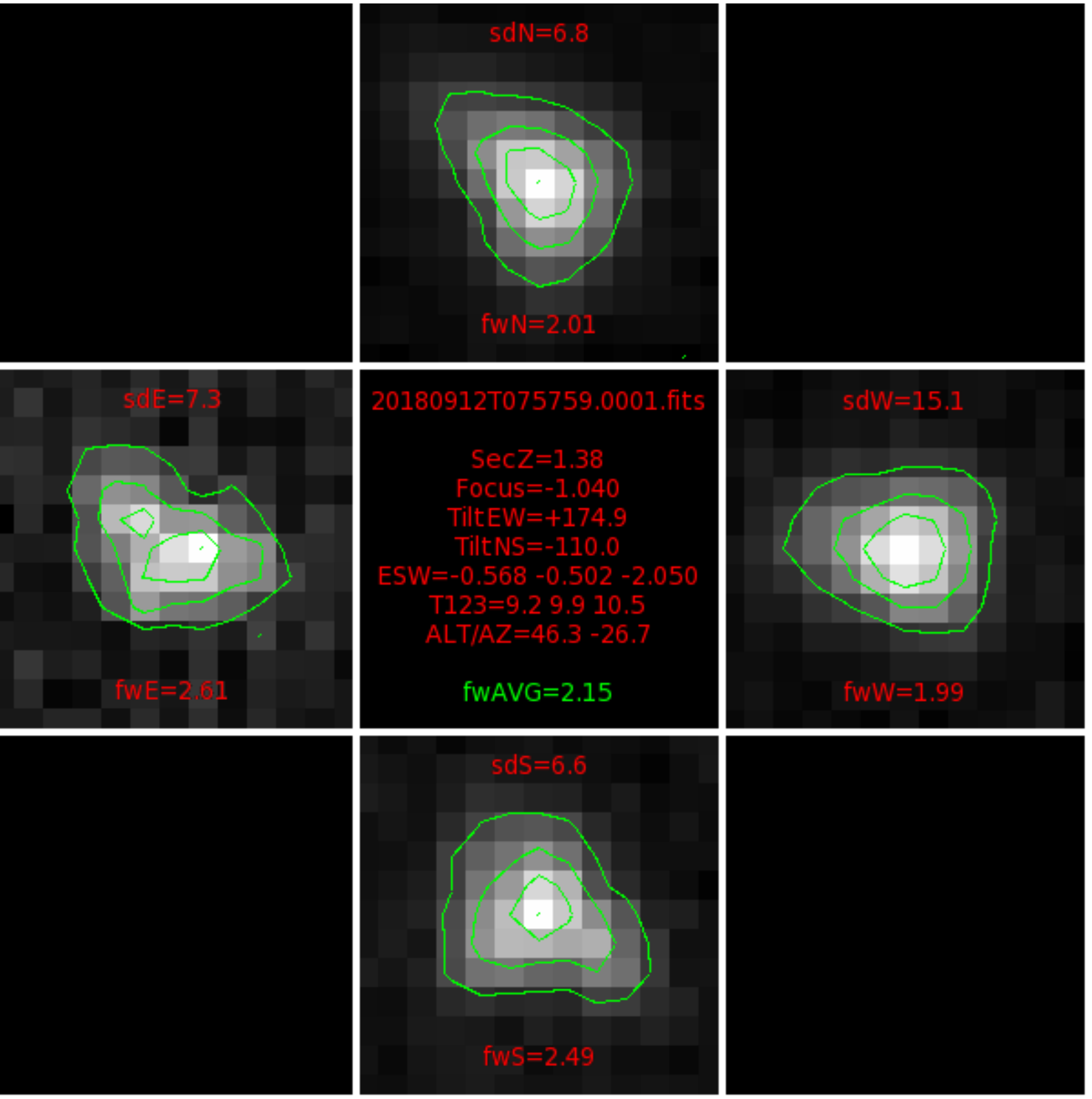
sdN=6.8
fwN=2.01
sdE=7.3
fwE=2.61
20180912T075759.0001.fits
SecZ=1.38
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.2 9.9 10.5
ALT/AZ=46.3 -26.7
fwAVG=2.15
sdW=15.1
fwW=1.99
sdS=6.6
fwS=2.49
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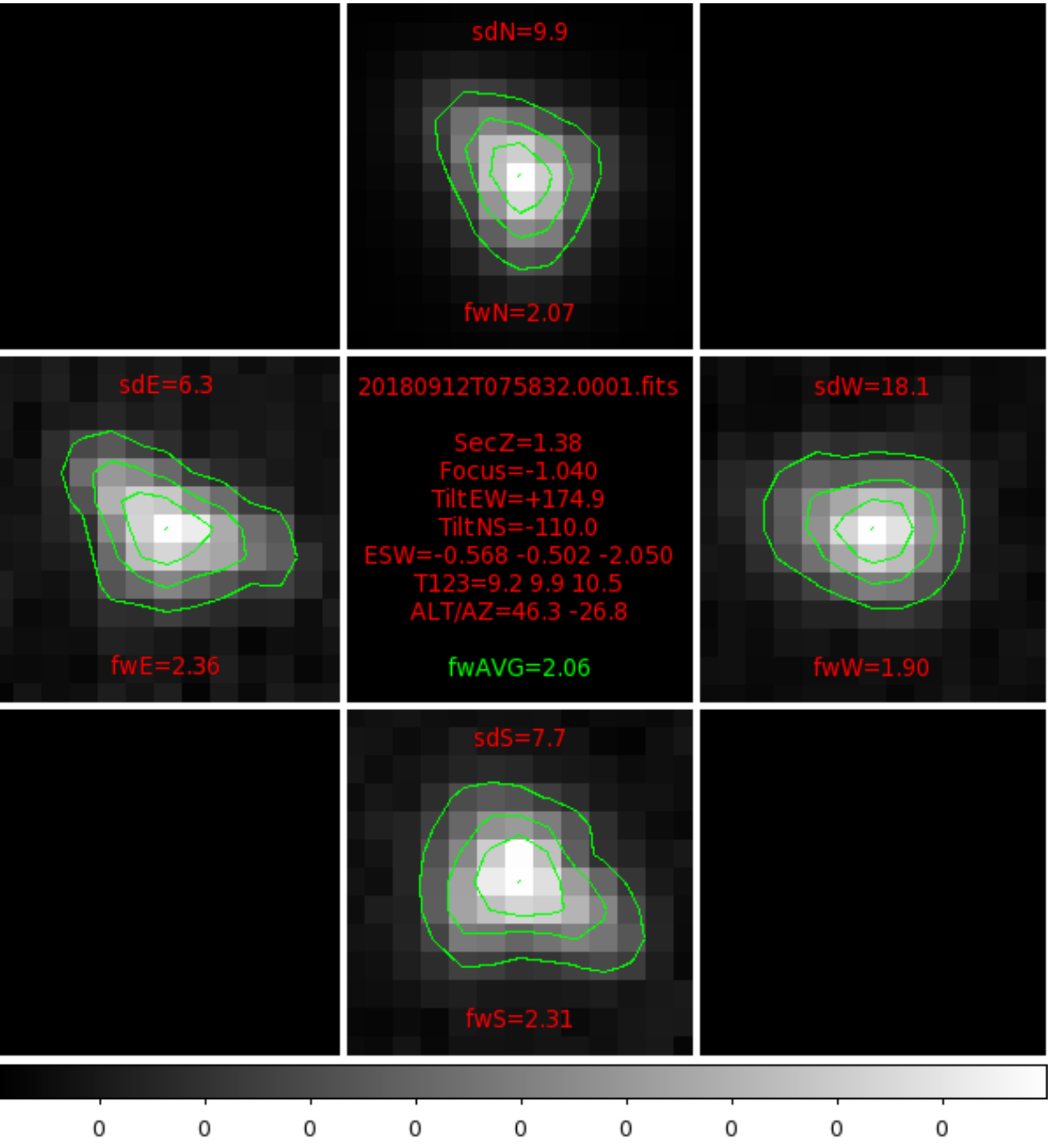
sdN=9.9
fwN=2.07
sdE=6.3
fwE=2.36
20180912T075832.0001.fits
SecZ=1.38
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.2 9.9 10.5
ALT/AZ=46.3 -26.8
fwAVG=2.06
sdW=18.1
fwW=1.90
sdS=7.7
fwS=2.31
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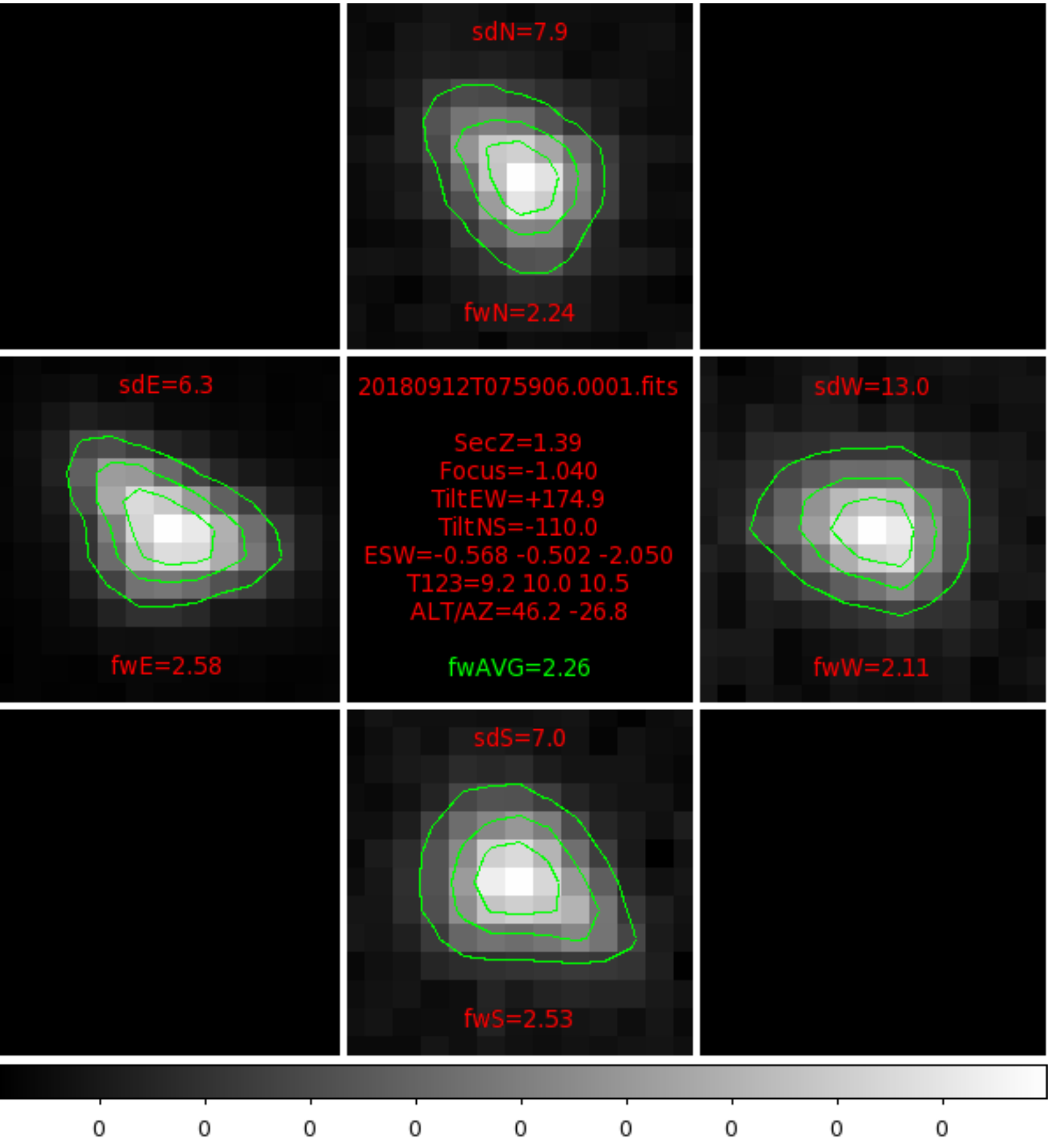
sdN=7.9
fwN=2.24
sdE=6.3
fwE=2.58
20180912T075906.0001.fits
SecZ=1.39
Focus=-1.040
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.568 -0.502 -2.050
T123=9.2 10.0 10.5
ALT/AZ=46.2 -26.8
fwAVG=2.26
sdW=13.0
fwW=2.11
sdS=7.0
fwS=2.53
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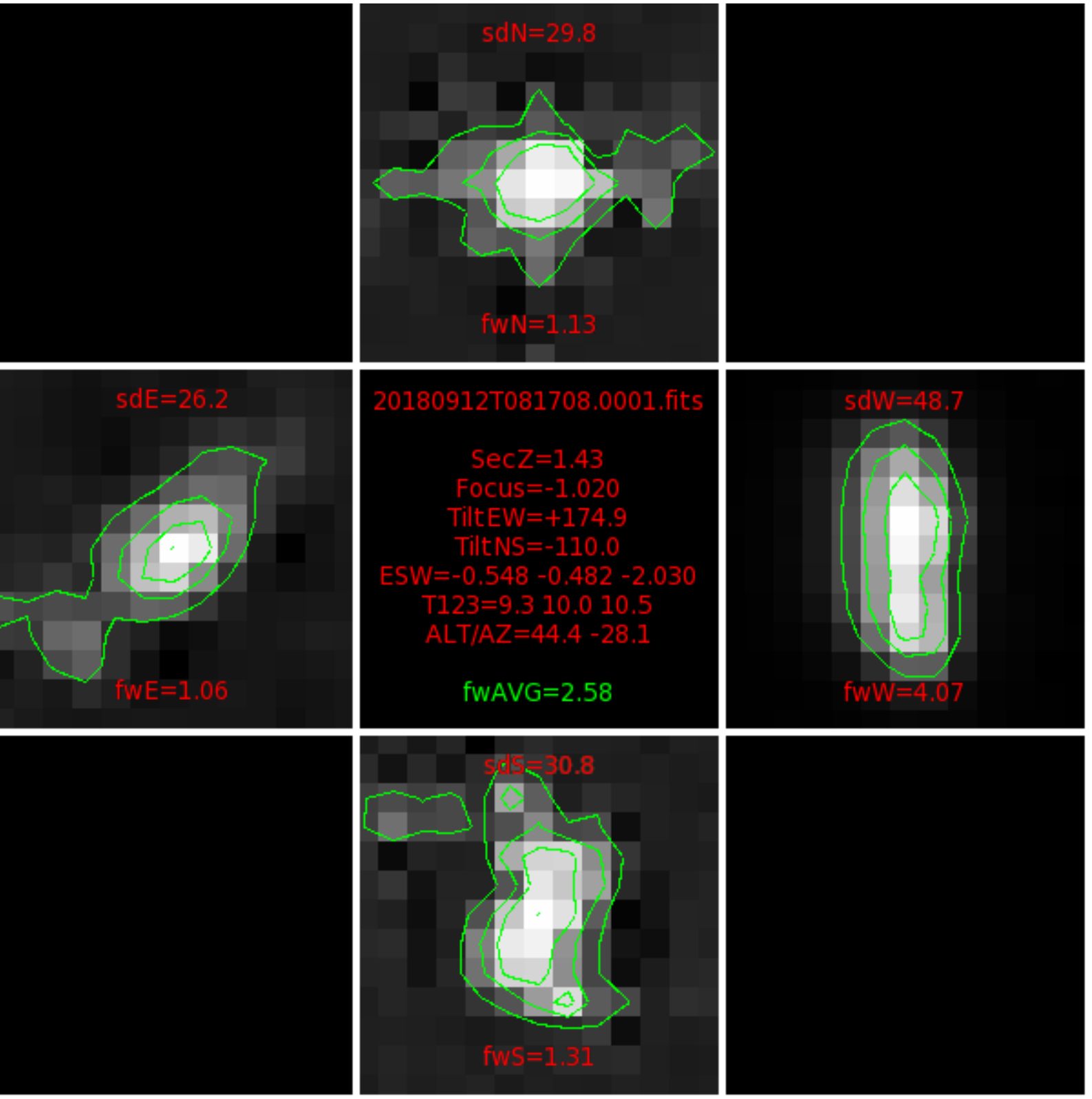
sdN=29.8
fwN=1.13
sdE=26.2
fwE=1.06
20180912T081708.0001.fits
SecZ=1.43
Focus=-1.020
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.548 -0.482 -2.030
T123=9.3 10.0 10.5
ALT/AZ=44.4 -28.1
fwAVG=2.58
sdW=48.7
fwW=4.07
sdS=30.8
fwS=1.31
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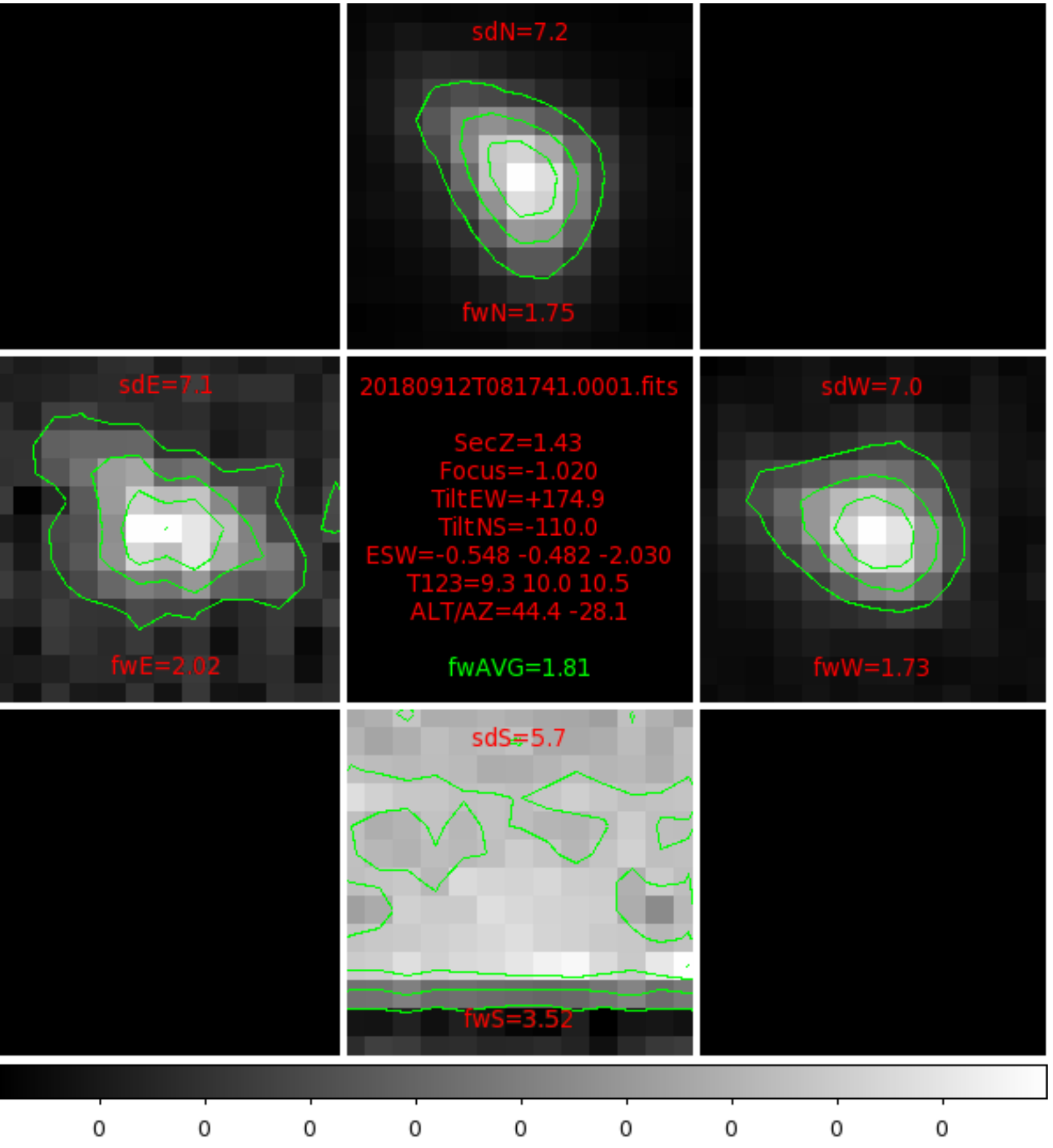
sdN=7.2
fwN=1.75
sdE=7.1
fwE=2.02
20180912T081741.0001.fits
SecZ=1.43
Focus=-1.020
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.548 -0.482 -2.030
T123=9.3 10.0 10.5
ALT/AZ=44.4 -28.1
fwAVG=1.81
sdW=7.0
fwW=1.73
sdS=5.7
fwS=3.52
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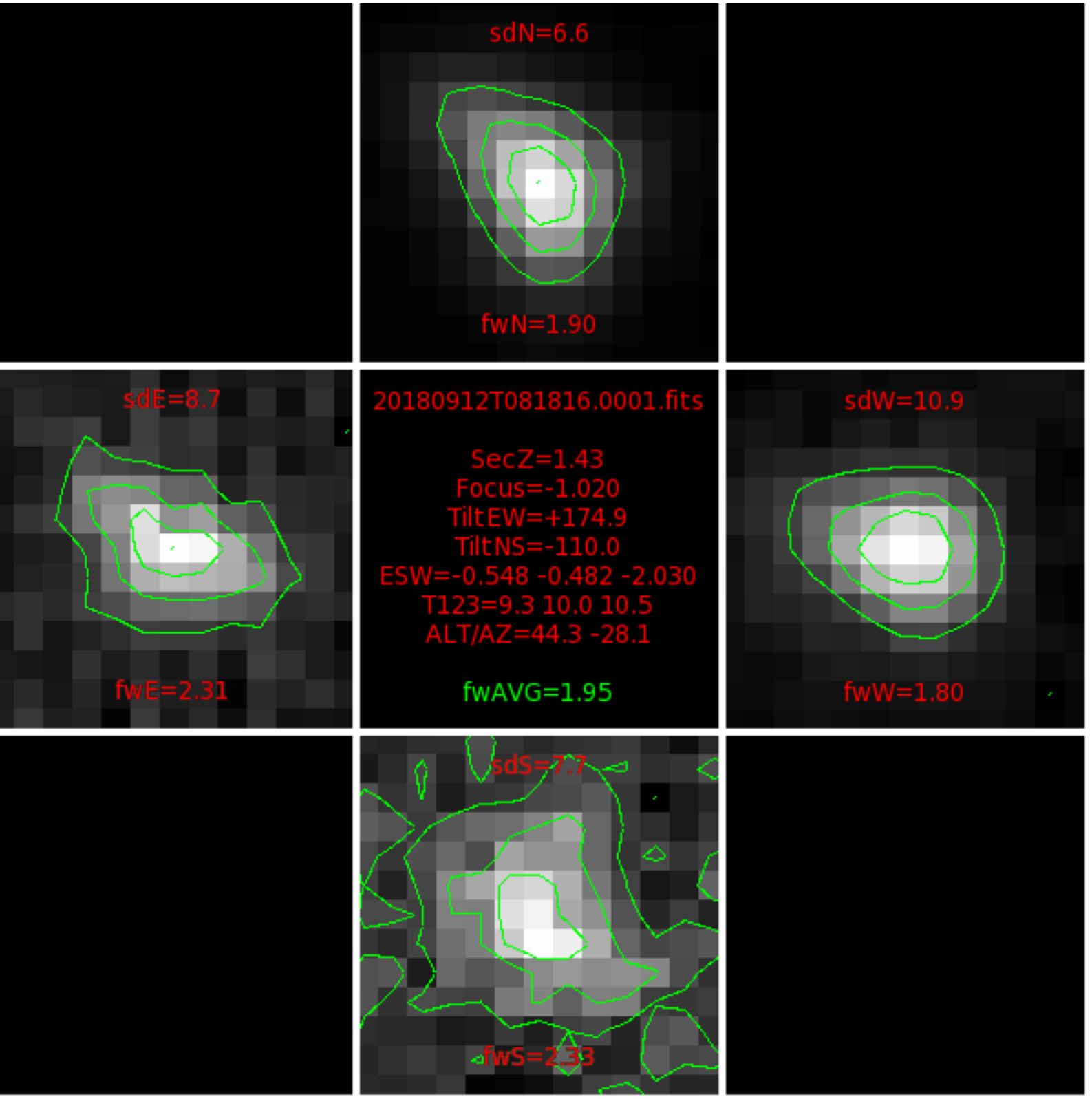
sdN=6.6
fwN=1.90
sdE=8.7
fwE=2.31
20180912T081816.0001.fits
SecZ=1.43
Focus=-1.020
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.548 -0.482 -2.030
T123=9.3 10.0 10.5
ALT/AZ=44.3 -28.1
fwAVG=1.95
sdW=10.9
fwW=1.80
sdS=7.7
fwS=2.33
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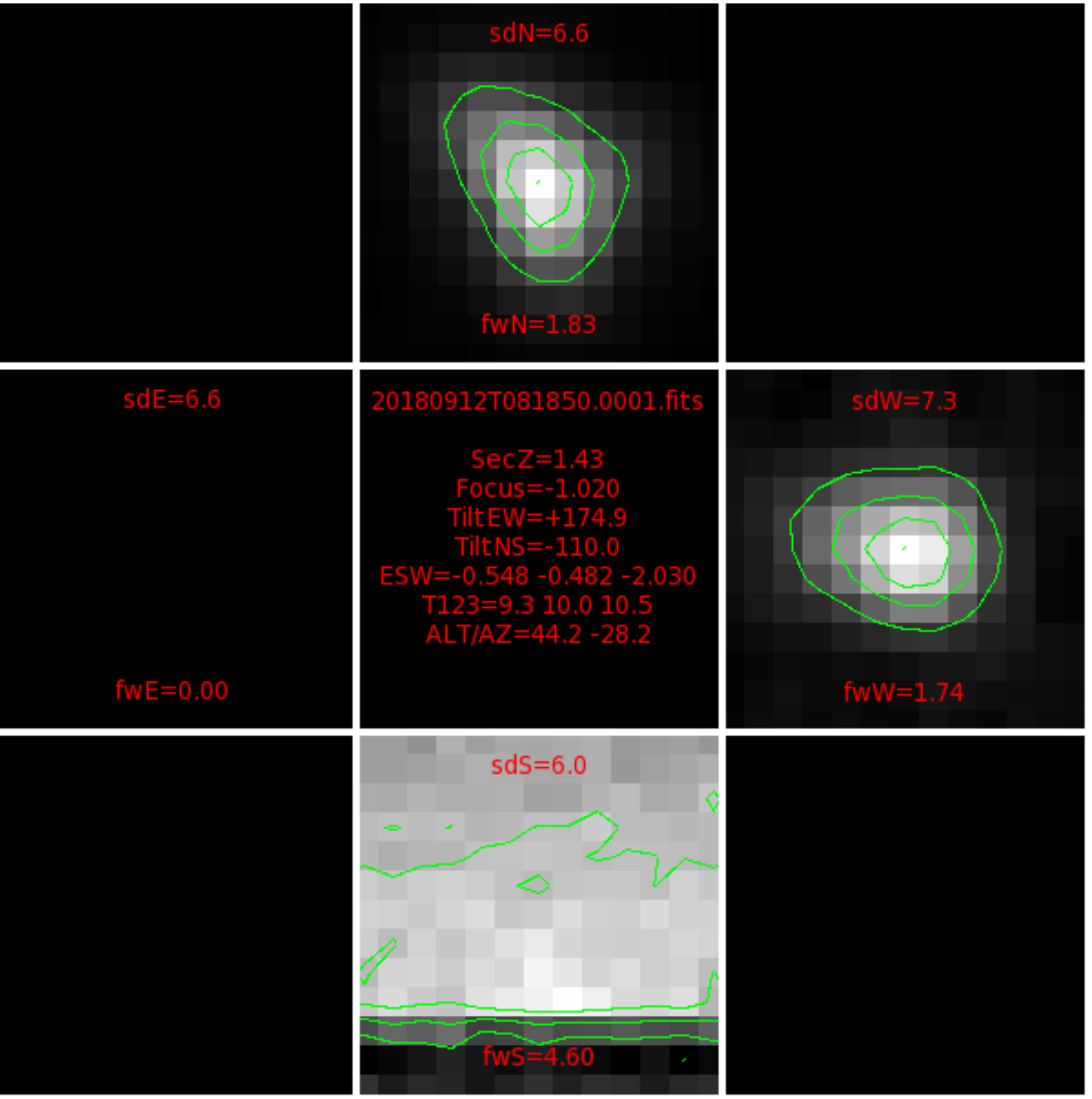
sdN=6.6
fwN=1.83
sdE=6.6
fwE=0.00
20180912T081850.0001.fits
SecZ=1.43
Focus=-1.020
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.548 -0.482 -2.030
T123=9.3 10.0 10.5
ALT/AZ=44.2 -28.2
sdW=7.3
fwW=1.74
sdS=6.0
fwS=4.60
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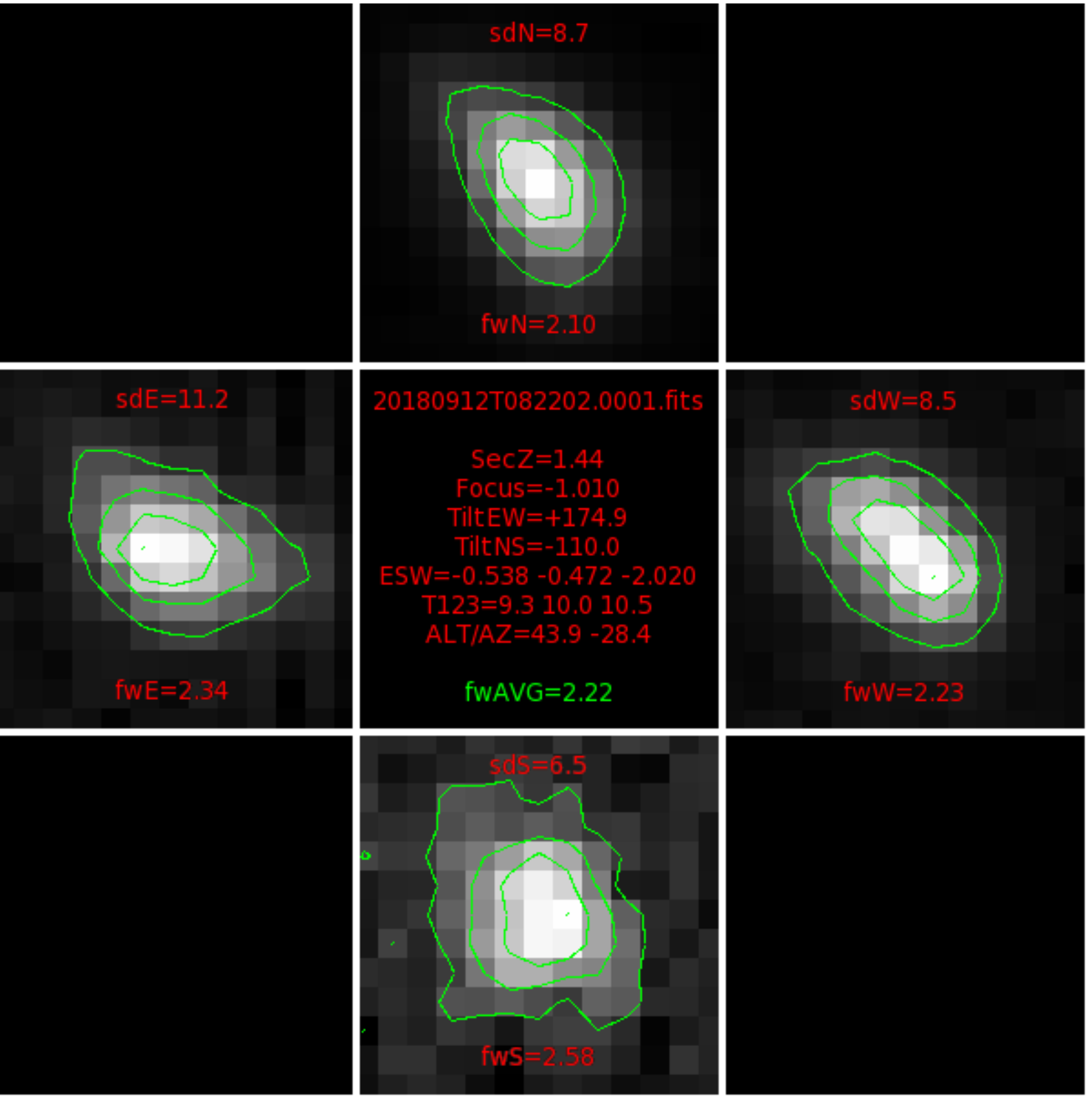
sdN=8.7
fwN=2.10
sdE=11.2
fwE=2.34
20180912T082202.0001.fits
SecZ=1.44
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.3 10.0 10.5
ALT/AZ=43.9 -28.4
fwAVG=2.22
sdW=8.5
fwW=2.23
sdS=6.5
fwS=2.58
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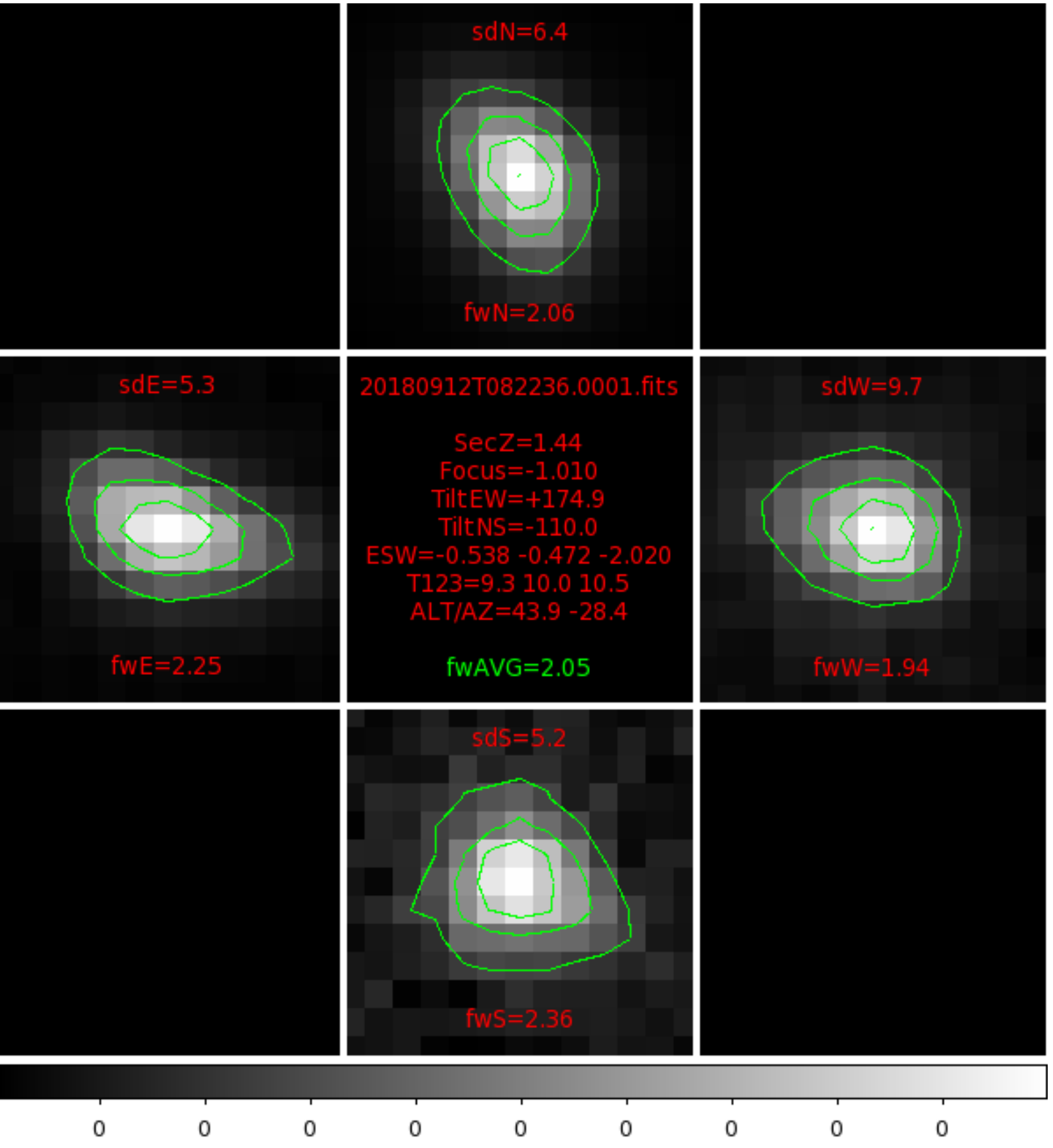
sdN=6.4
fwN=2.06
sdE=5.3
fwE=2.25
20180912T082236.0001.fits
SecZ=1.44
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.3 10.0 10.5
ALT/AZ=43.9 -28.4
fwAVG=2.05
sdW=9.7
fwW=1.94
sdS=5.2
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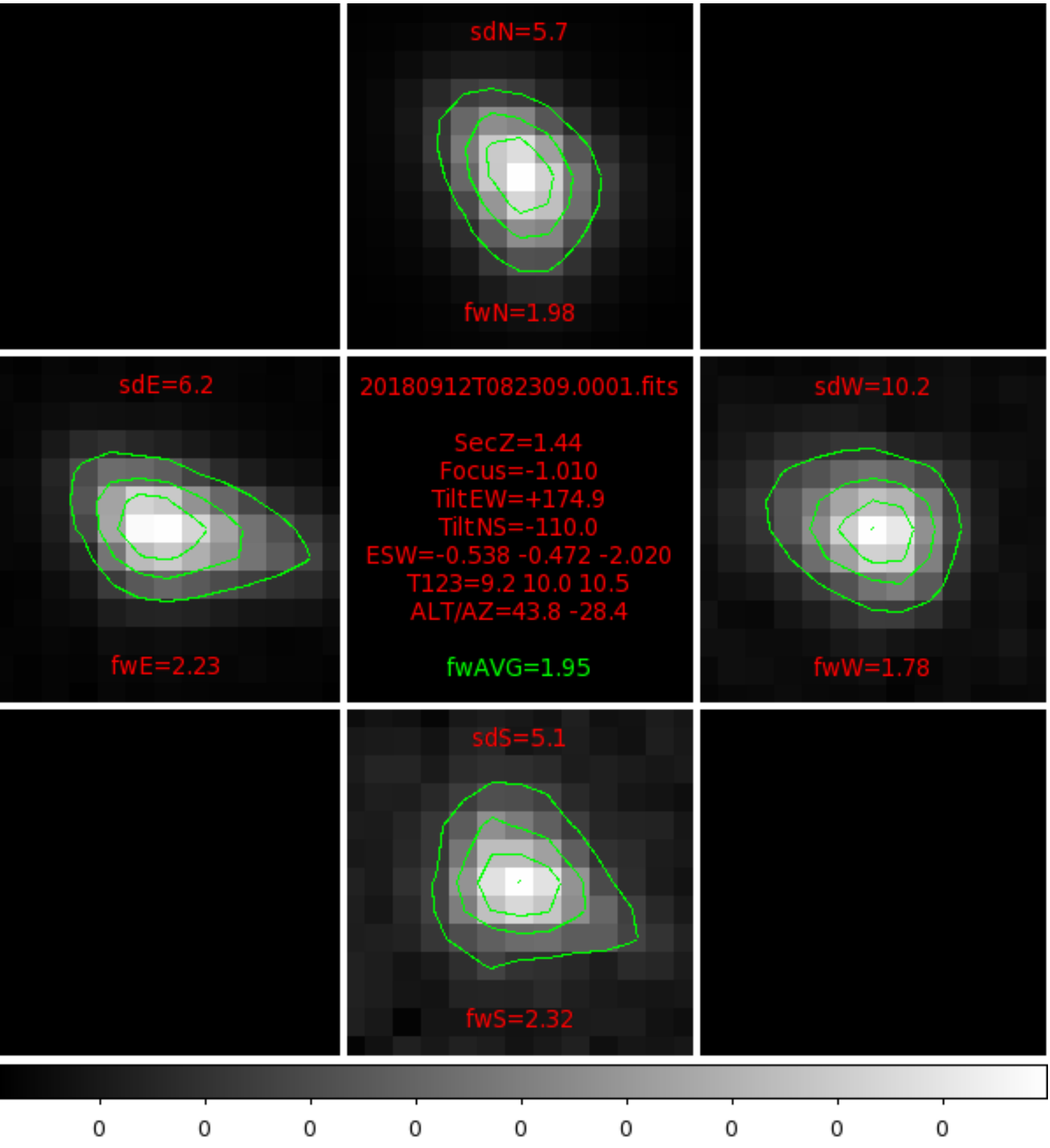
sdN=5.7
fwN=1.98
sdE=6.2
fwE=2.23
20180912T082309.0001.fits
SecZ=1.44
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.2 10.0 10.5
ALT/AZ=43.8 -28.4
fwAVG=1.95
sdW=10.2
fwW=1.78
sdS=5.1
fwS=2.32
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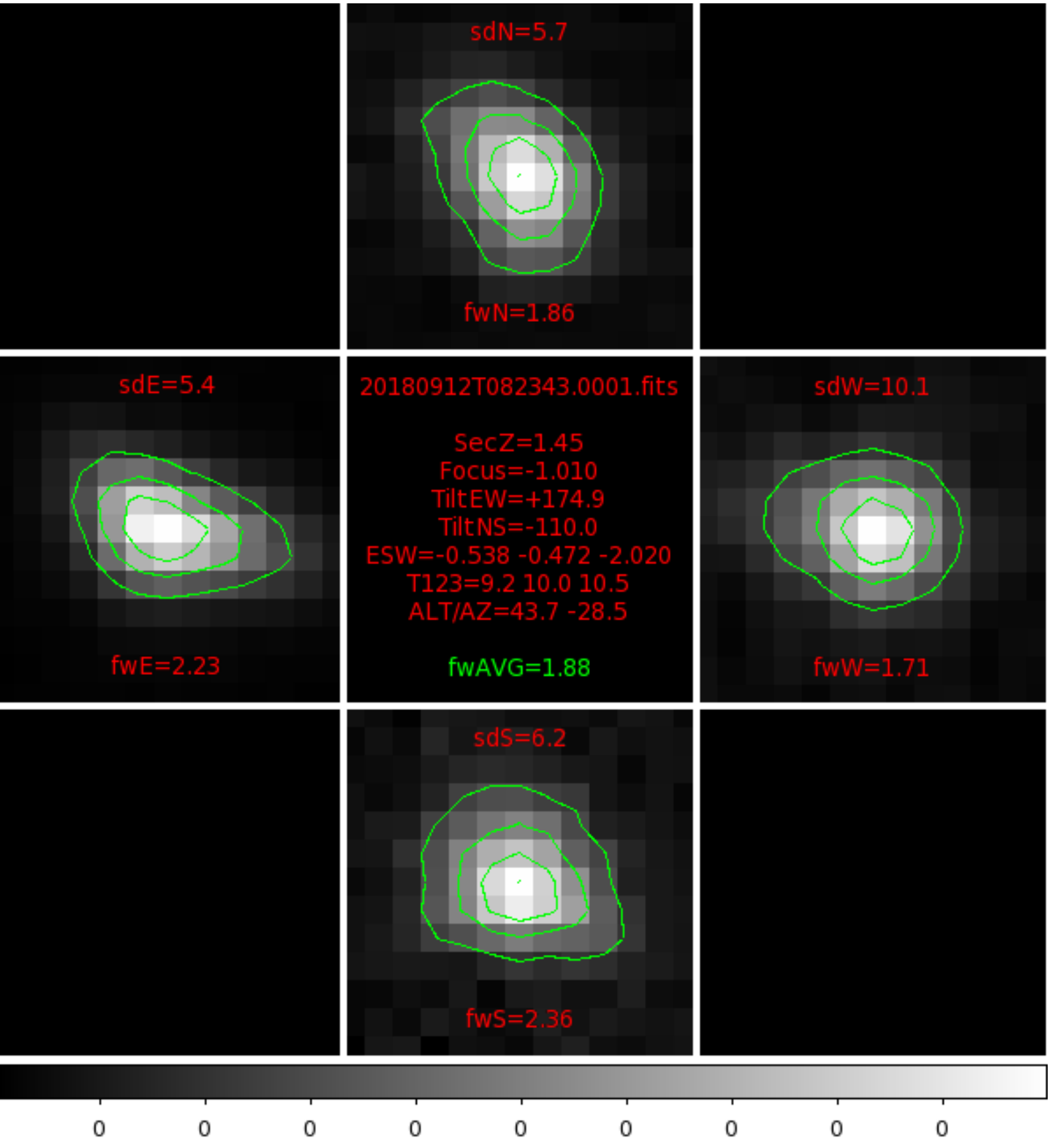
sdN=5.7
fwN=1.86
sdE=5.4
fwE=2.23
20180912T082343.0001.fits
SecZ=1.45
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.2 10.0 10.5
ALT/AZ=43.7 -28.5
fwAVG=1.88
sdW=10.1
fwW=1.71
sdS=6.2
fwS=2.36
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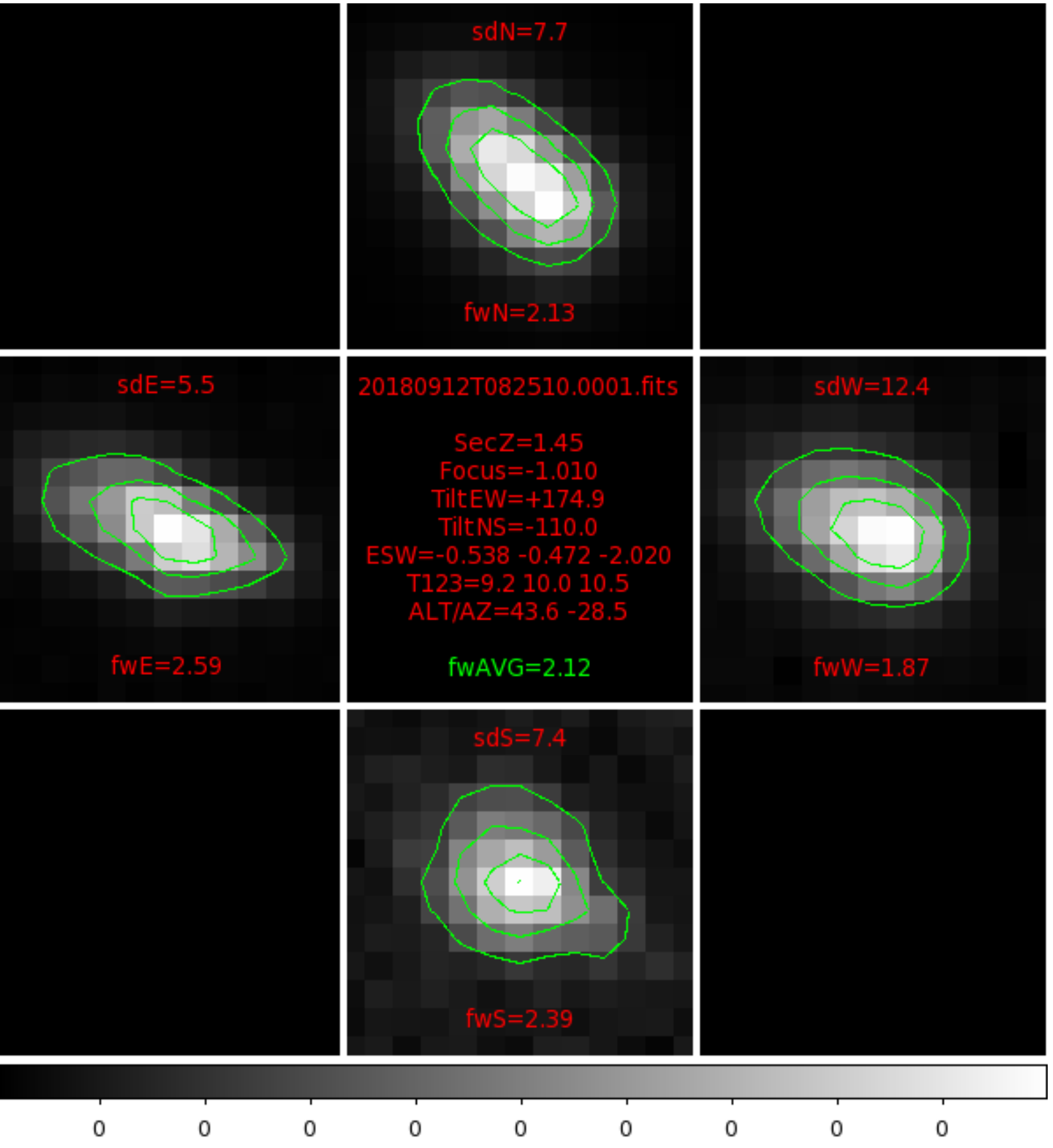
sdN=7.7
fwN=2.13
sdE=5.5
fwE=2.59
20180912T082510.0001.fits
SecZ=1.45
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.2 10.0 10.5
ALT/AZ=43.6 -28.5
fwAVG=2.12
sdW=12.4
fwW=1.87
sdS=7.4
fwS=2.39
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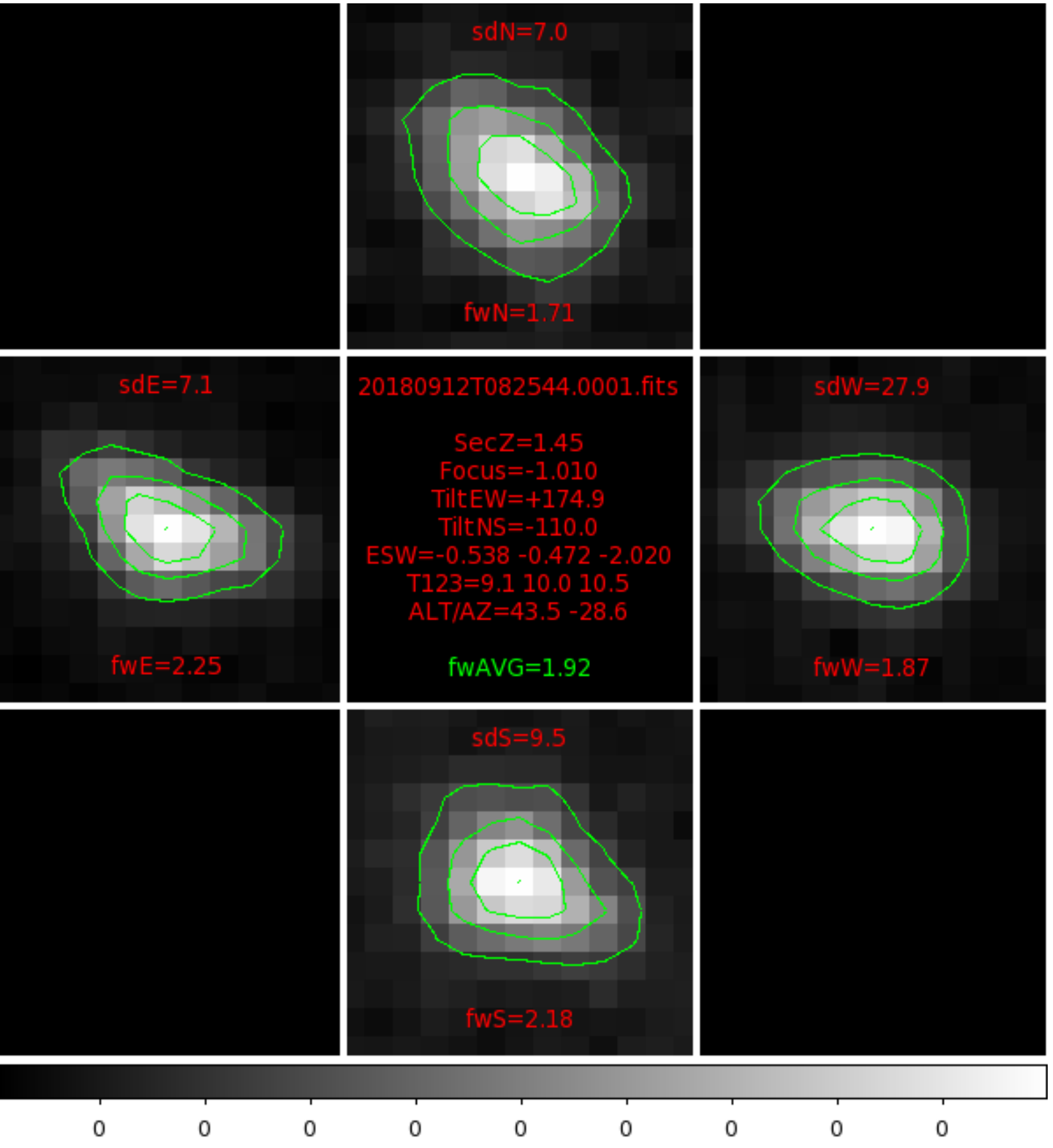
sdN=7.0
fwN=1.71
sdE=7.1
fwE=2.25
20180912T082544.0001.fits
SecZ=1.45
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 10.0 10.5
ALT/AZ=43.5 -28.6
fwAVG=1.92
sdW=27.9
fwW=1.87
sdS=9.5
fwS=2.18
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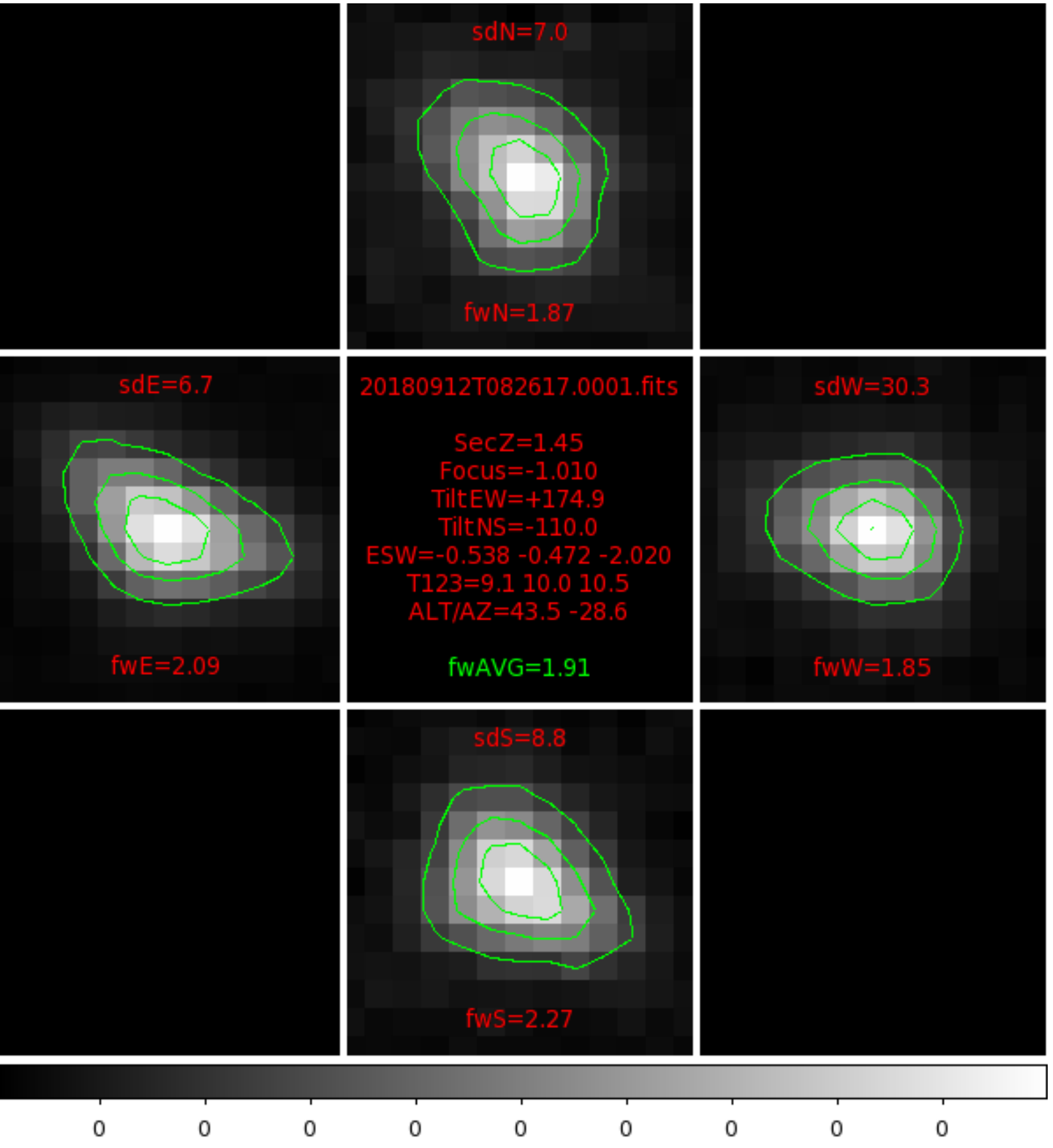
sdN=7.0
fwN=1.87
sdE=6.7
fwE=2.09
20180912T082617.0001.fits
SecZ=1.45
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 10.0 10.5
ALT/AZ=43.5 -28.6
fwAVG=1.91
sdW=30.3
fwW=1.85
sdS=8.8
fwS=2.27
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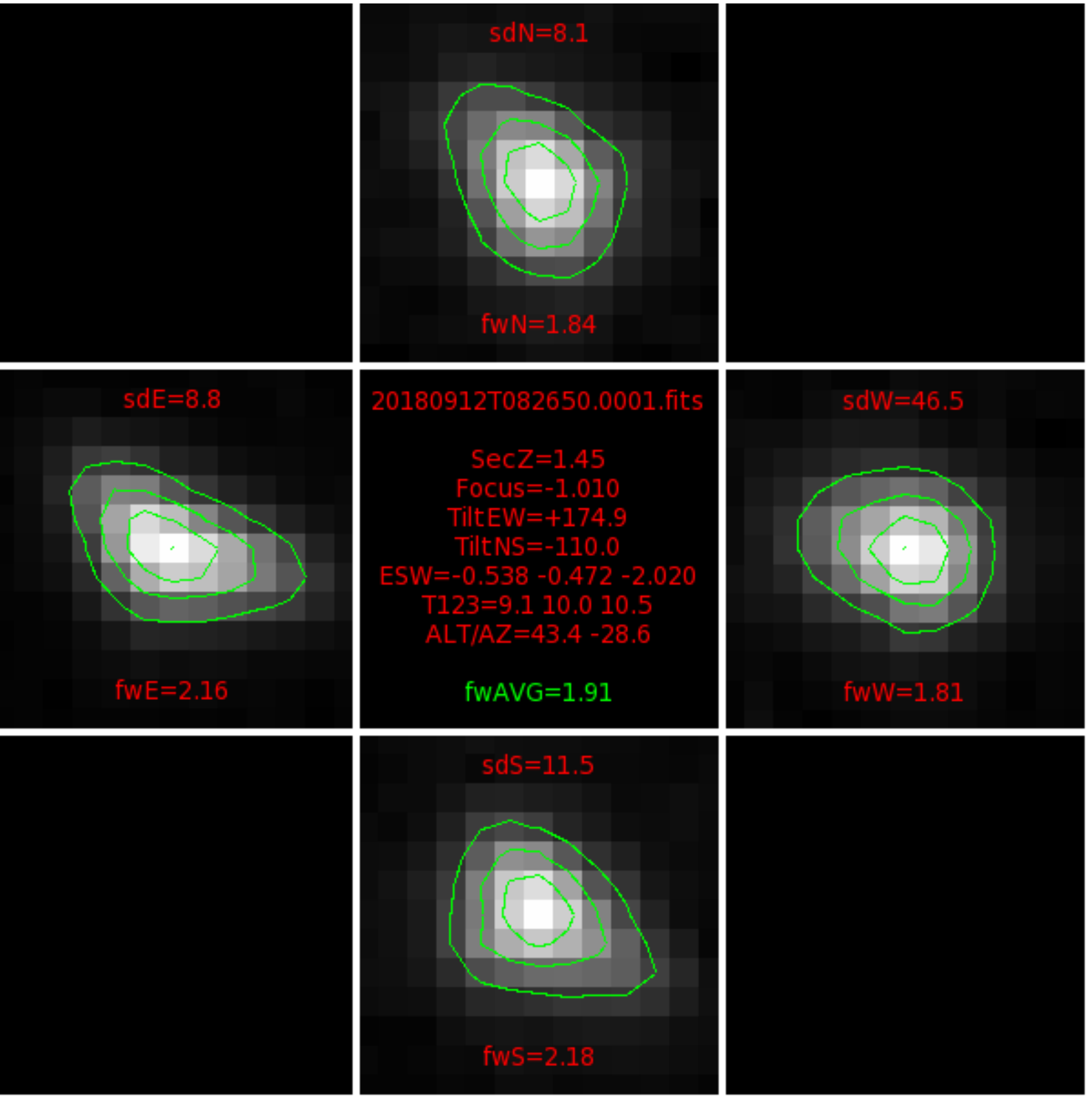
sdN=8.1
fwN=1.84
sdE=8.8
fwE=2.16
20180912T082650.0001.fits
SecZ=1.45
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 10.0 10.5
ALT/AZ=43.4 -28.6
fwAVG=1.91
sdW=46.5
fwW=1.81
sdS=11.5
fwS=2.18
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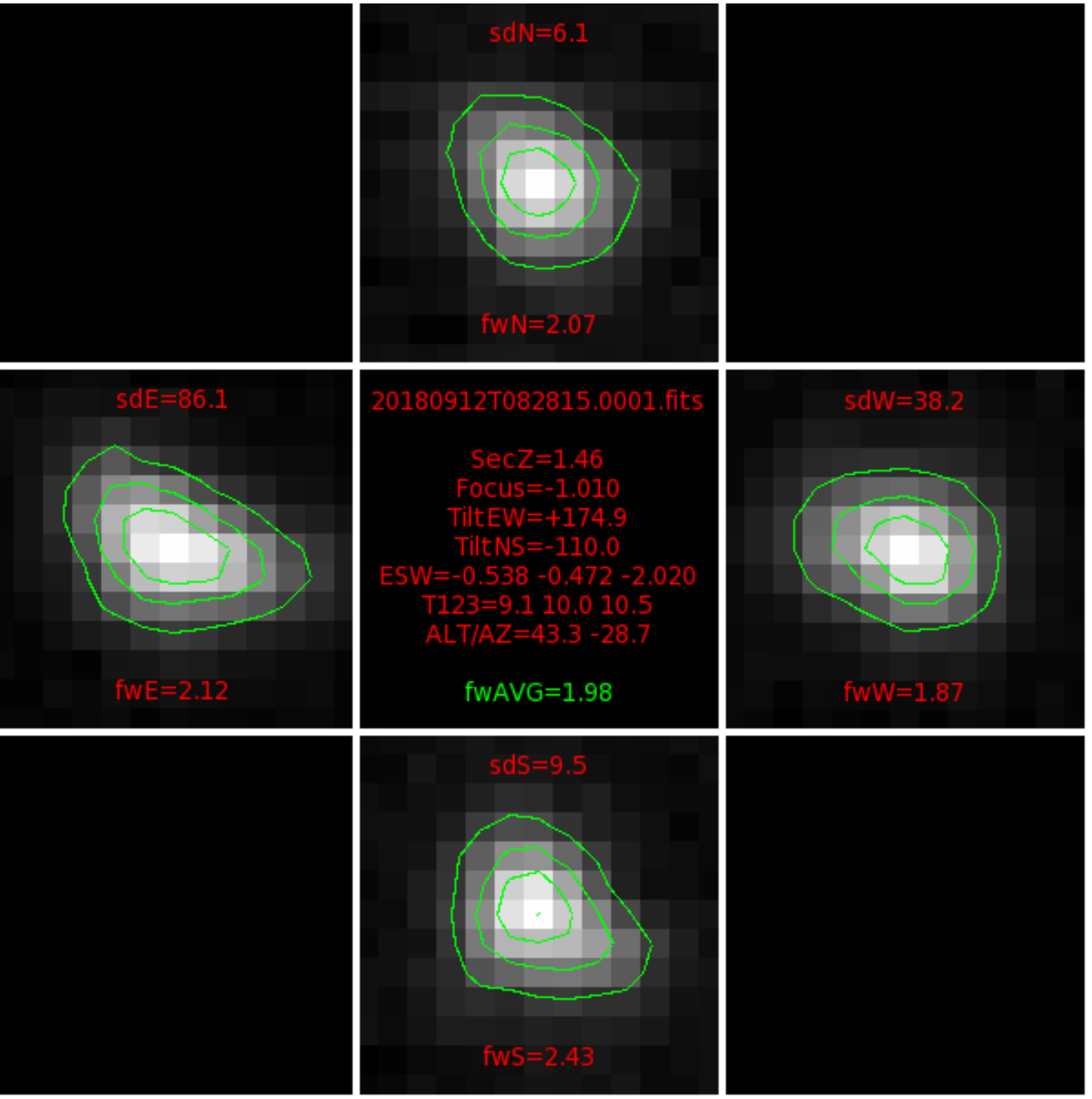
sdN=6.1
fwN=2.07
sdE=86.1
fwE=2.12
20180912T082815.0001.fits
SecZ=1.46
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.1 10.0 10.5
ALT/AZ=43.3 -28.7
fwAVG=1.98
sdW=38.2
fwW=1.87
sdS=9.5
fwS=2.43
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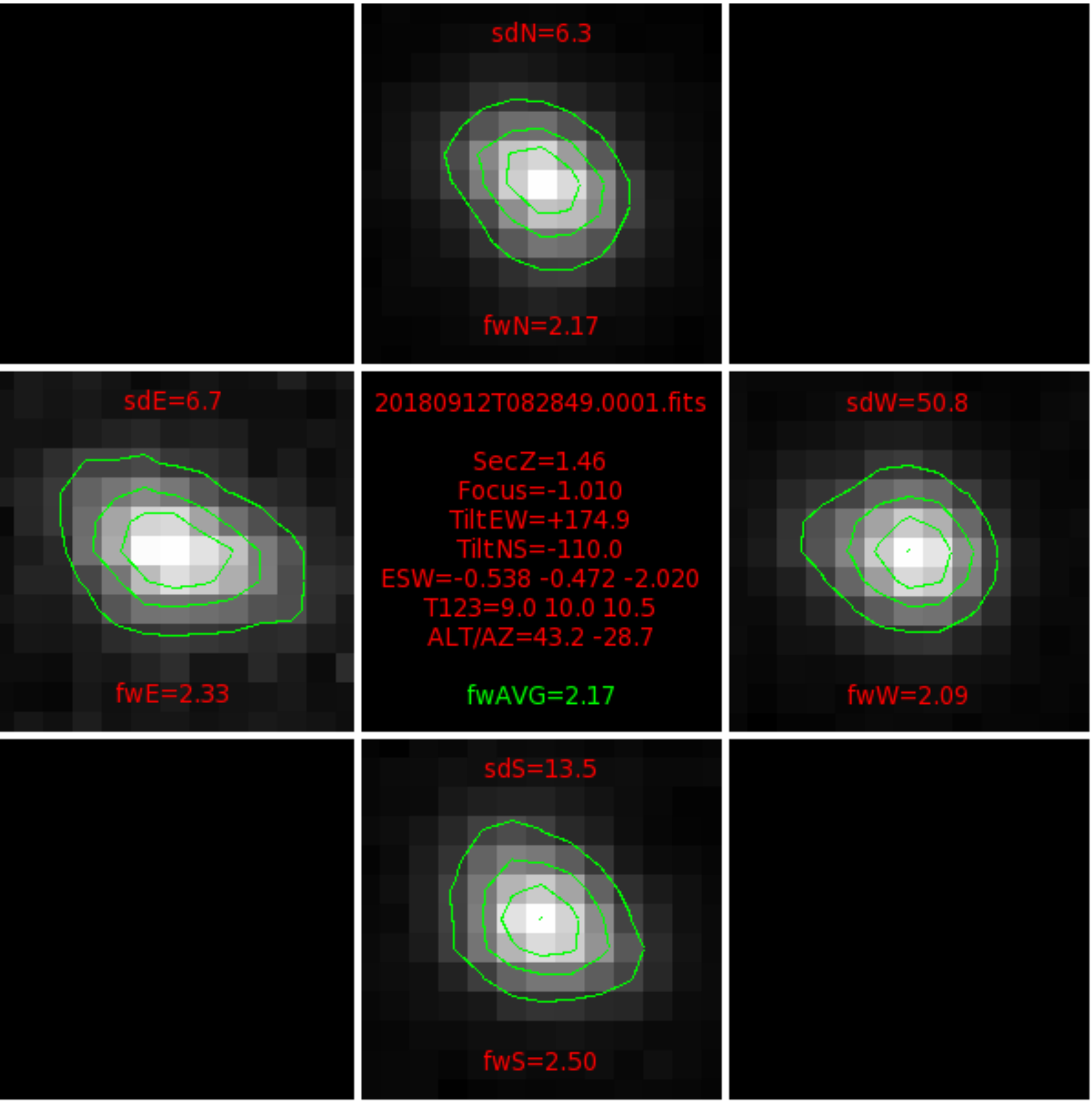
sdN=6.3
fwN=2.17
sdE=6.7
fwE=2.33
20180912T082849.0001.fits
SecZ=1.46
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.0 10.0 10.5
ALT/AZ=43.2 -28.7
fwAVG=2.17
sdW=50.8
fwW=2.09
sdS=13.5
fwS=2.50
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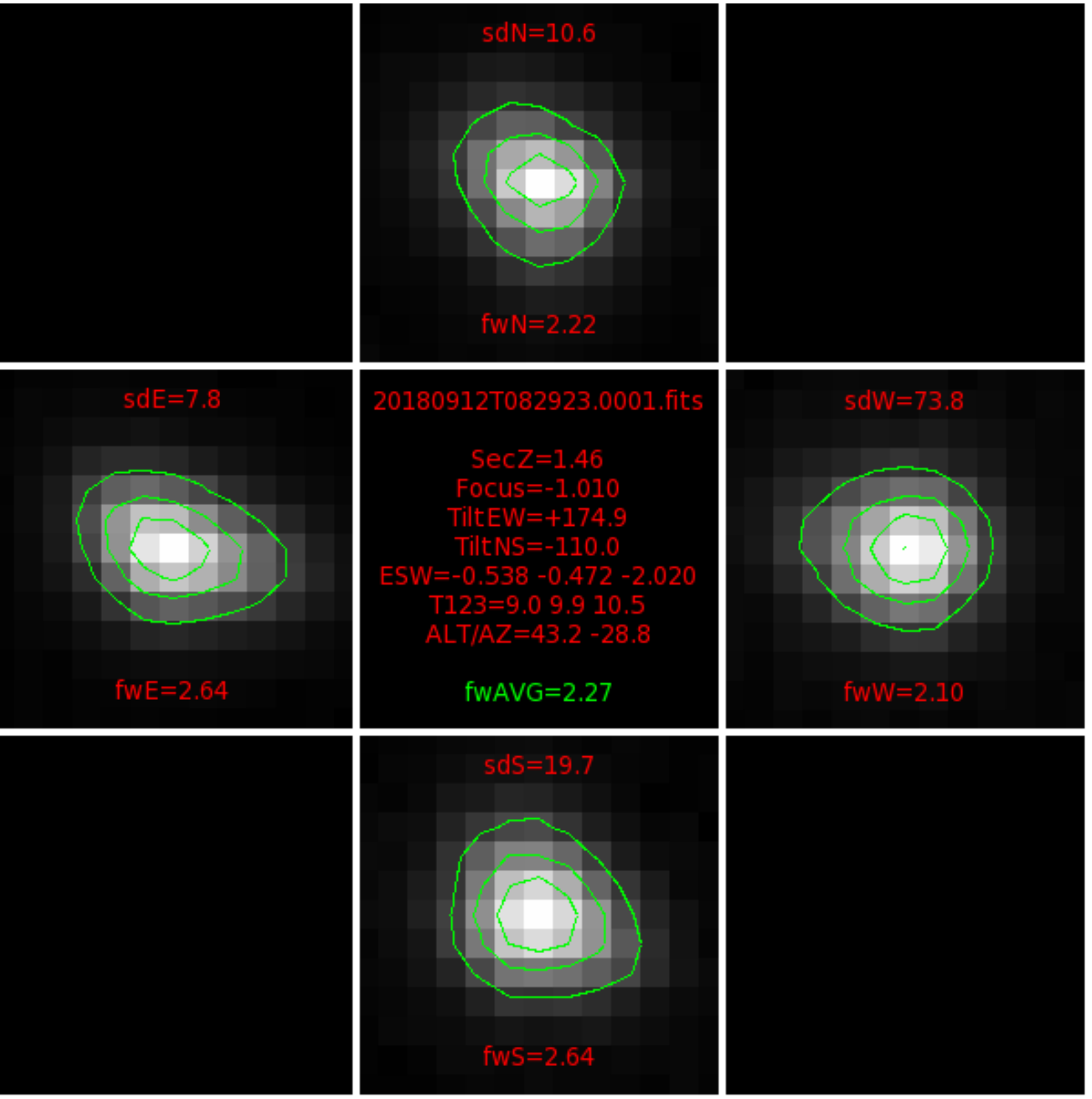
sdN=10.6
fwN=2.22
sdE=7.8
fwE=2.64
20180912T082923.0001.fits
SecZ=1.46
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.0 9.9 10.5
ALT/AZ=43.2 -28.8
fwAVG=2.27
sdW=73.8
fwW=2.10
sdS=19.7
fwS=2.64
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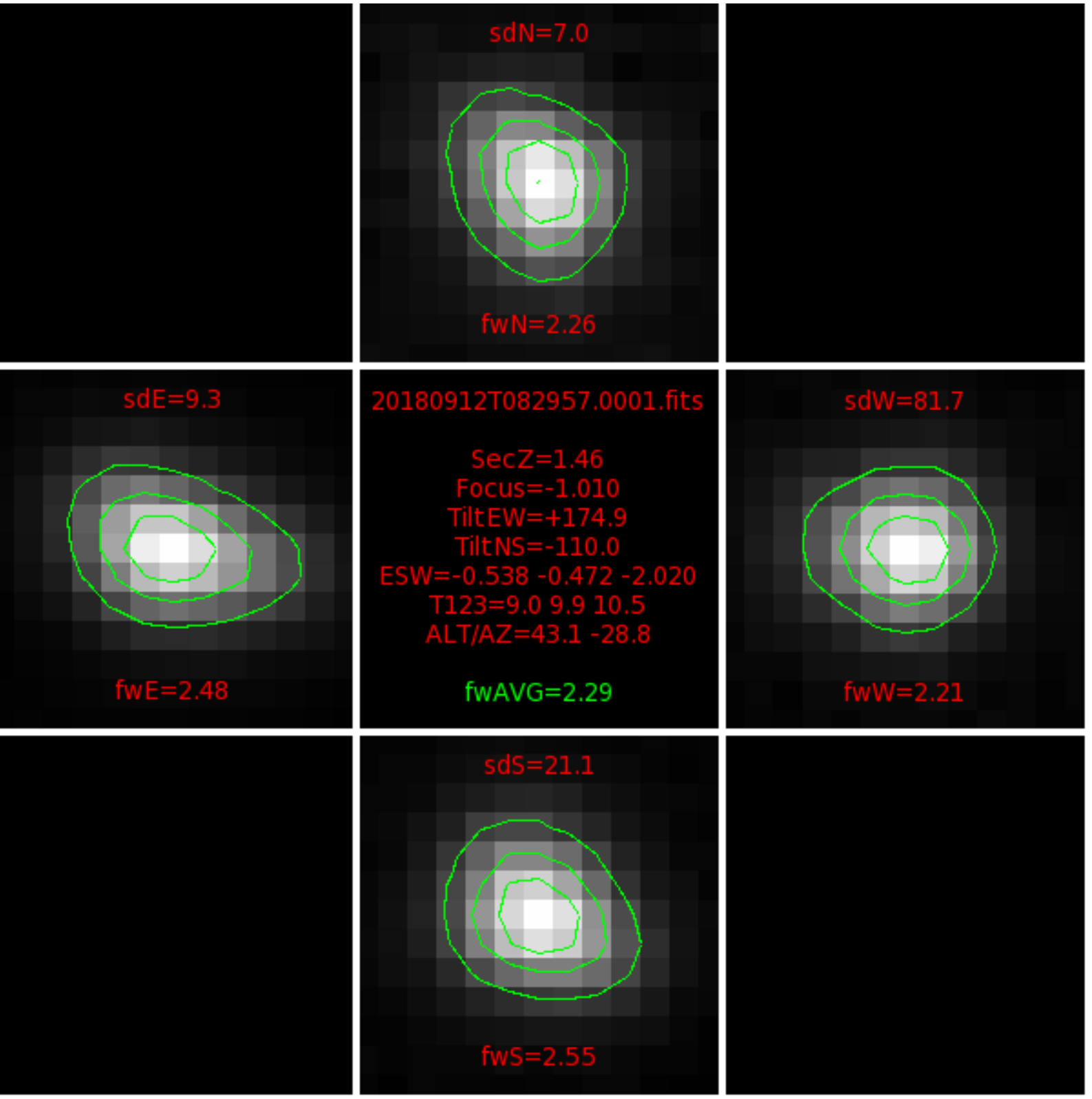
sdN=7.0
fwN=2.26
sdE=9.3
fwE=2.48
20180912T082957.0001.fits
SecZ=1.46
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=9.0 9.9 10.5
ALT/AZ=43.1 -28.8
fwAVG=2.29
sdW=81.7
fwW=2.21
sdS=21.1
fwS=2.55
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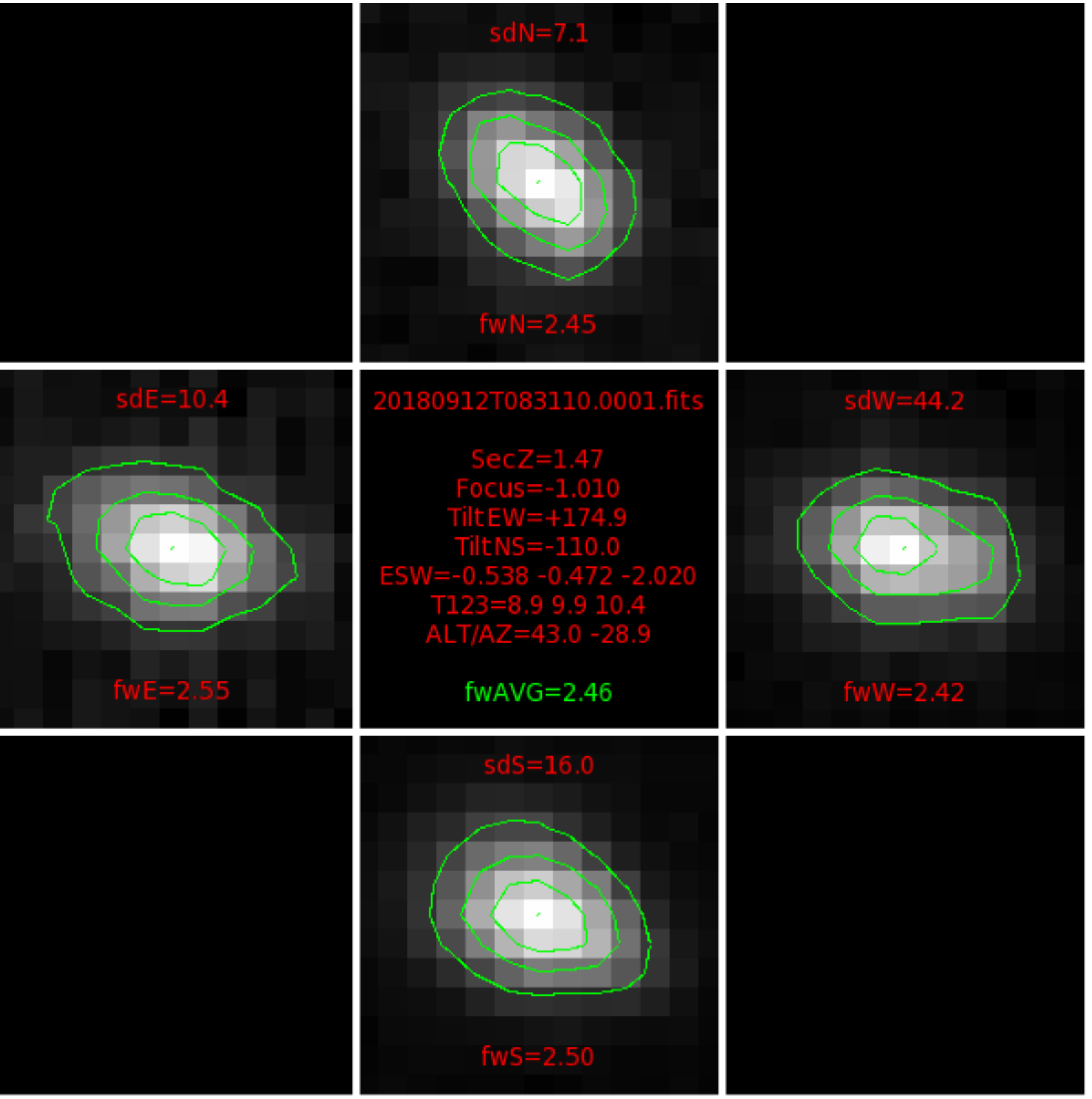
sdN=7.1
fwN=2.45
sdE=10.4
fwE=2.55
20180912T083110.0001.fits
SecZ=1.47
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=8.9 9.9 10.4
ALT/AZ=43.0 -28.9
fwAVG=2.46
sdW=44.2
fwW=2.42
sdS=16.0
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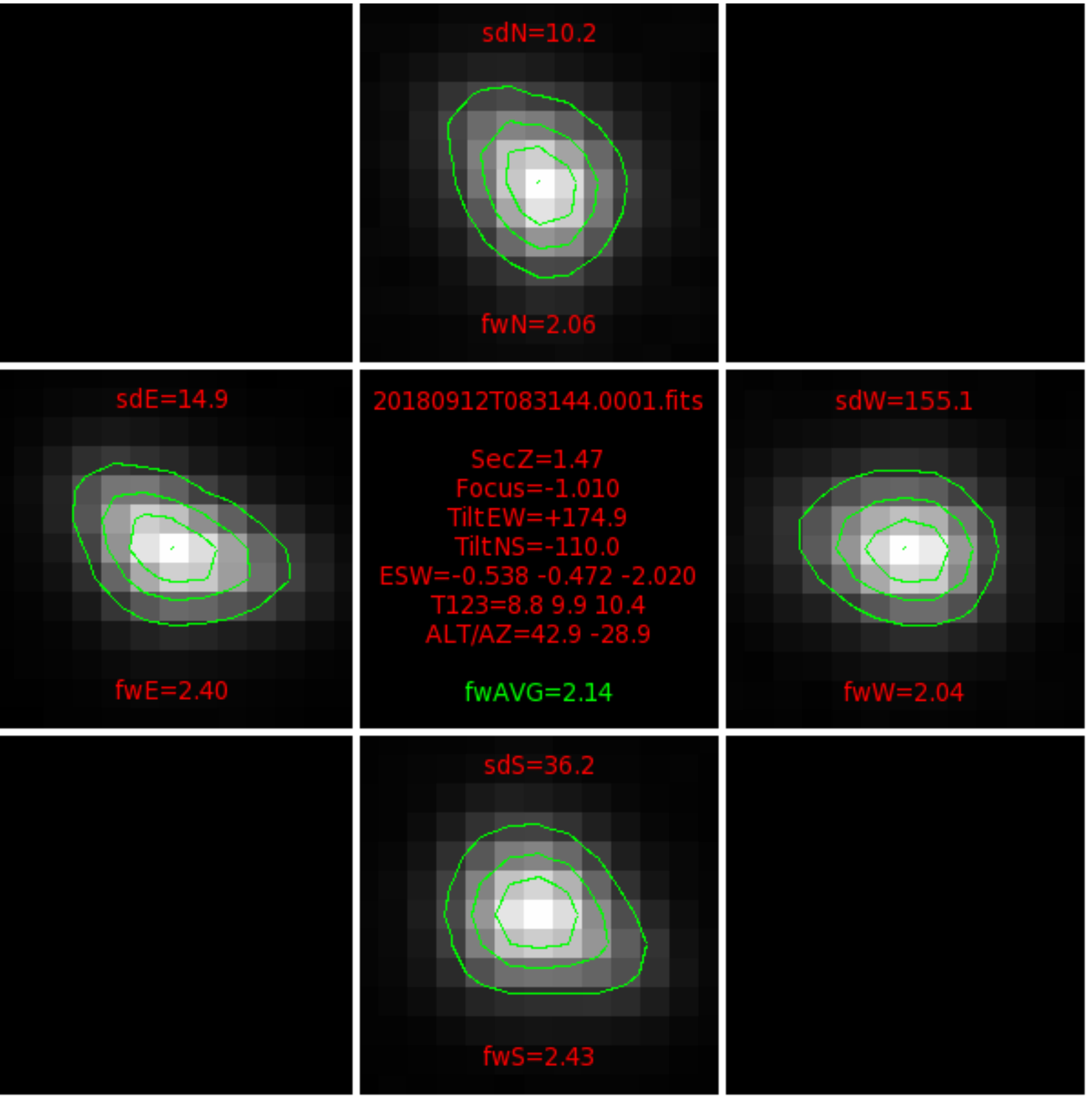
0 0 0 0 0 0 0 0 0


sdN=10.2
fwN=2.06
sdE=14.9
fwE=2.40
20180912T083144.0001.fits
SecZ=1.47
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=8.8 9.9 10.4
ALT/AZ=42.9 -28.9
fwAVG=2.14
sdW=155.1
fwW=2.04
sdS=36.2
fwS=2.43
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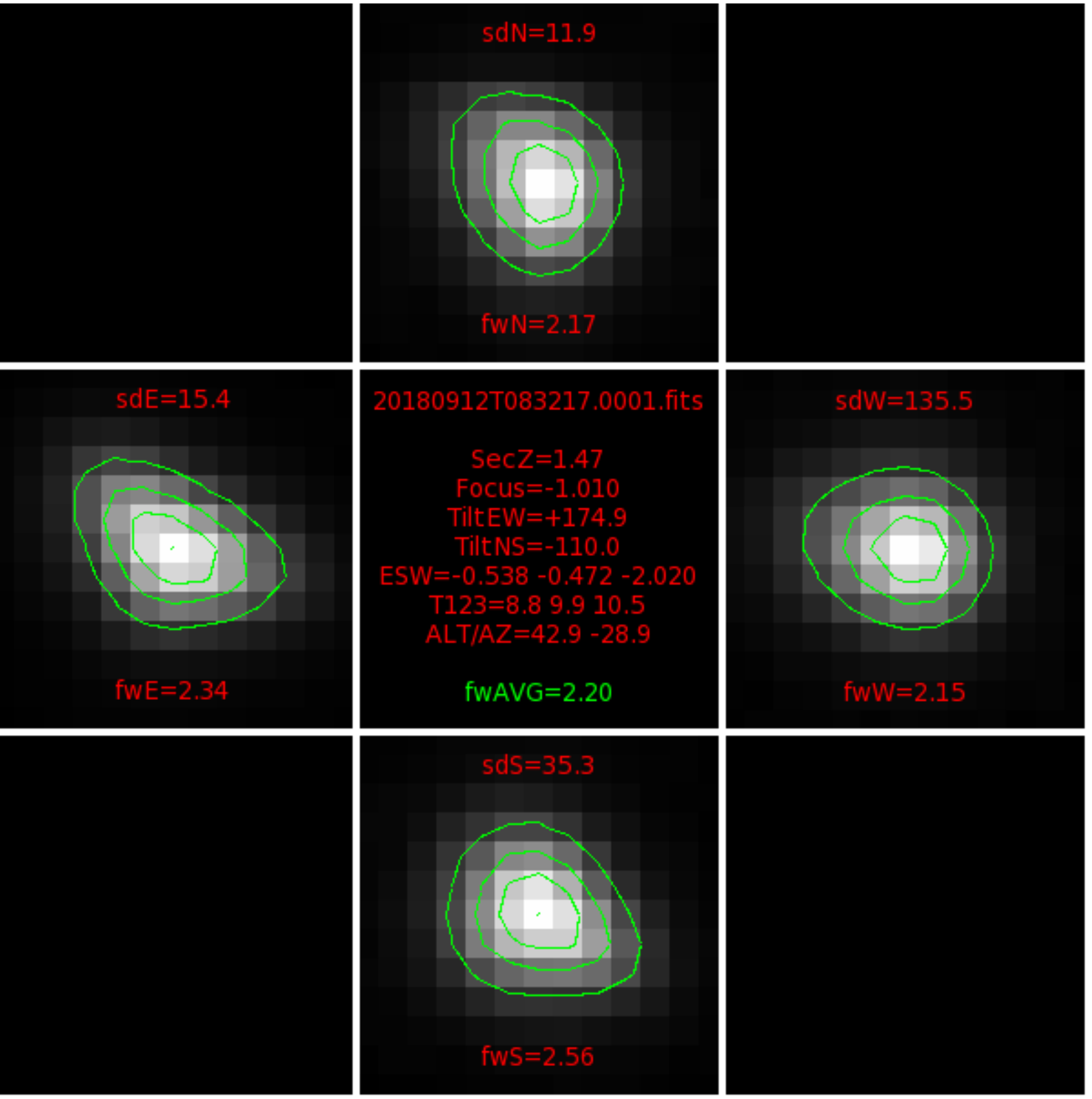
sdN=11.9
fwN=2.17
sdE=15.4
fwE=2.34
20180912T083217.0001.fits
SecZ=1.47
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=8.8 9.9 10.5
ALT/AZ=42.9 -28.9
fwAVG=2.20
sdW=135.5
fwW=2.15
sdS=35.3
fwS=2.56
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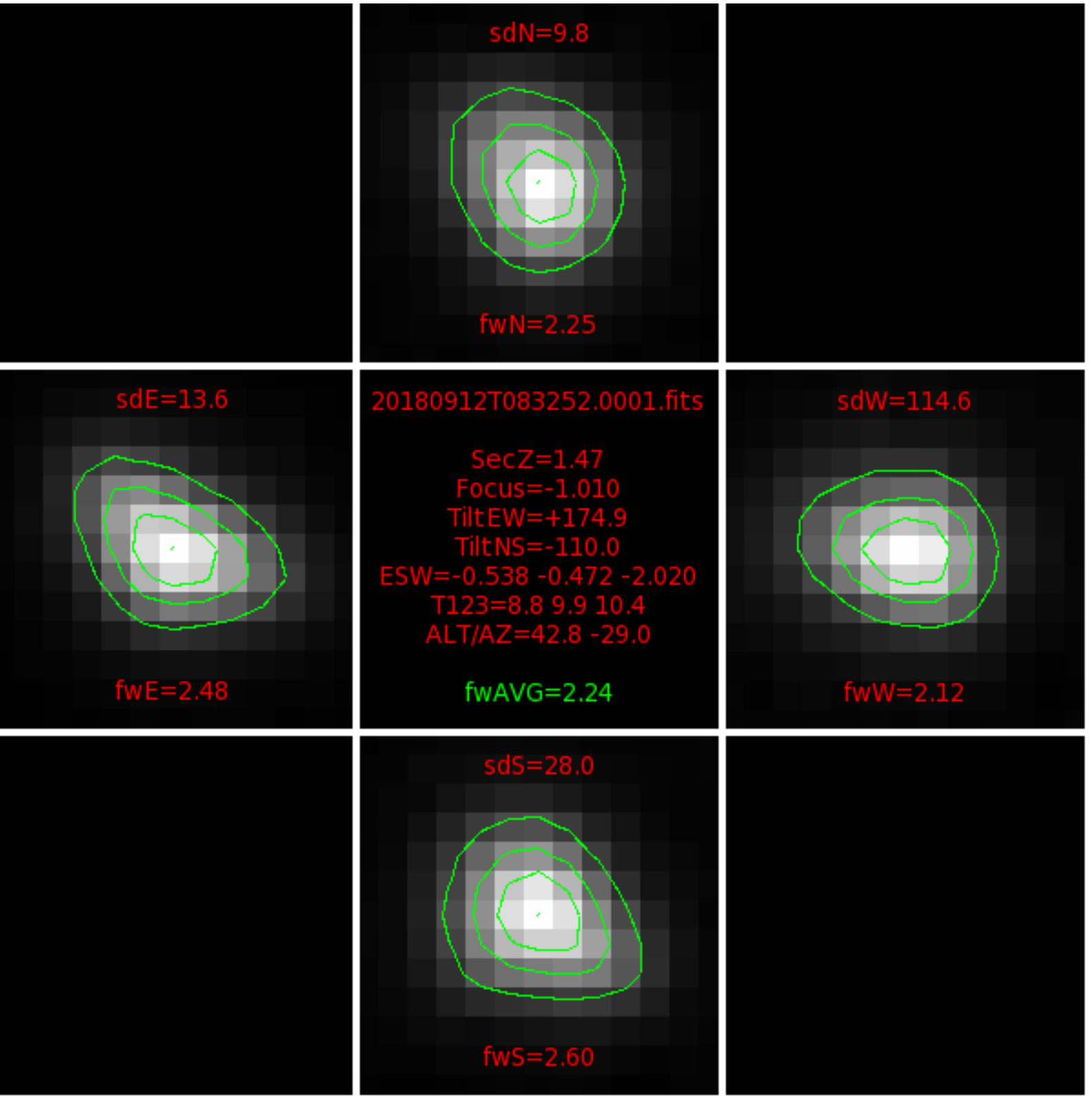
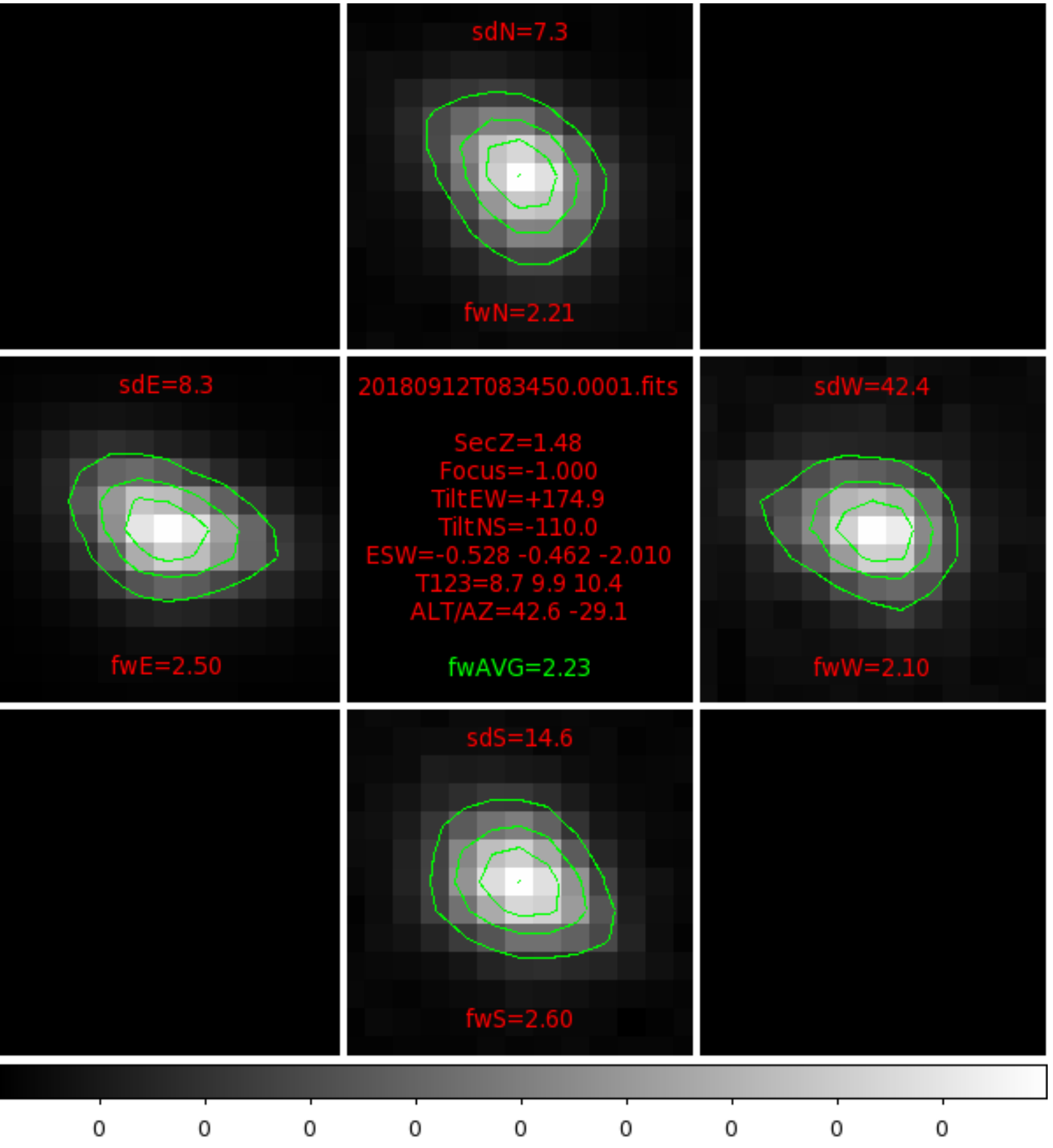
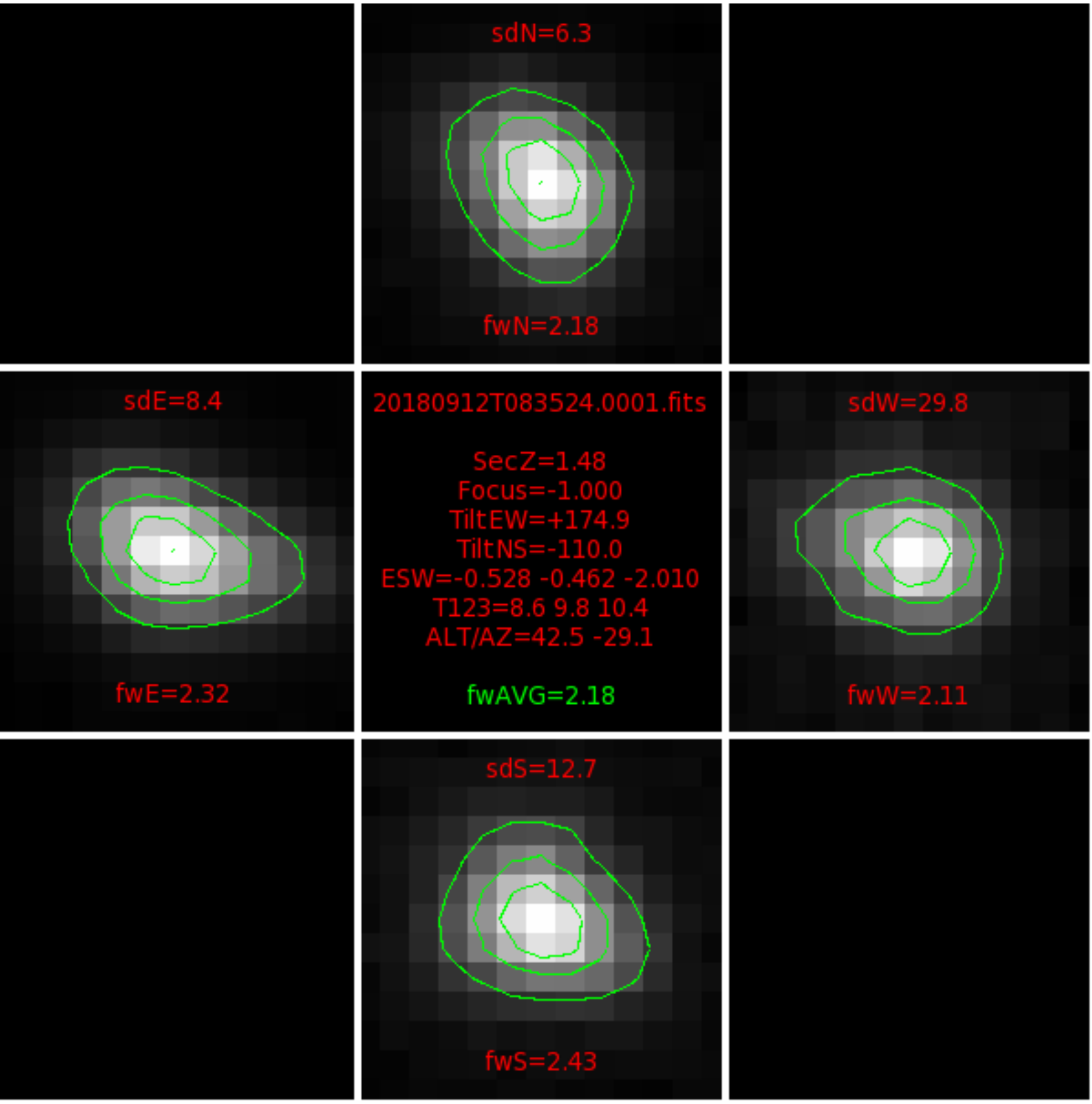

sdN=9.8
fwN=2.25
sdE=13.6
fwE=2.48
20180912T083252.0001.fits
SecZ=1.47
Focus=-1.010
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.538 -0.472 -2.020
T123=8.8 9.9 10.4
ALT/AZ=42.8 -29.0
fwAVG=2.24
sdW=114.6
fwW=2.12
sdS=28.0
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=7.3
fwN=2.21
sdE=8.3
fwE=2.50
20180912T083450.0001.fits
SecZ=1.48
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=8.7 9.9 10.4
ALT/AZ=42.6 -29.1
fwAVG=2.23
sdW=42.4
fwW=2.10
sdS=14.6
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=6.3
fwN=2.18
sdE=8.4
fwE=2.32
20180912T083524.0001.fits
SecZ=1.48
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=8.6 9.8 10.4
ALT/AZ=42.5 -29.1
fwAVG=2.18
sdW=29.8
fwW=2.11
sdS=12.7
fwS=2.43
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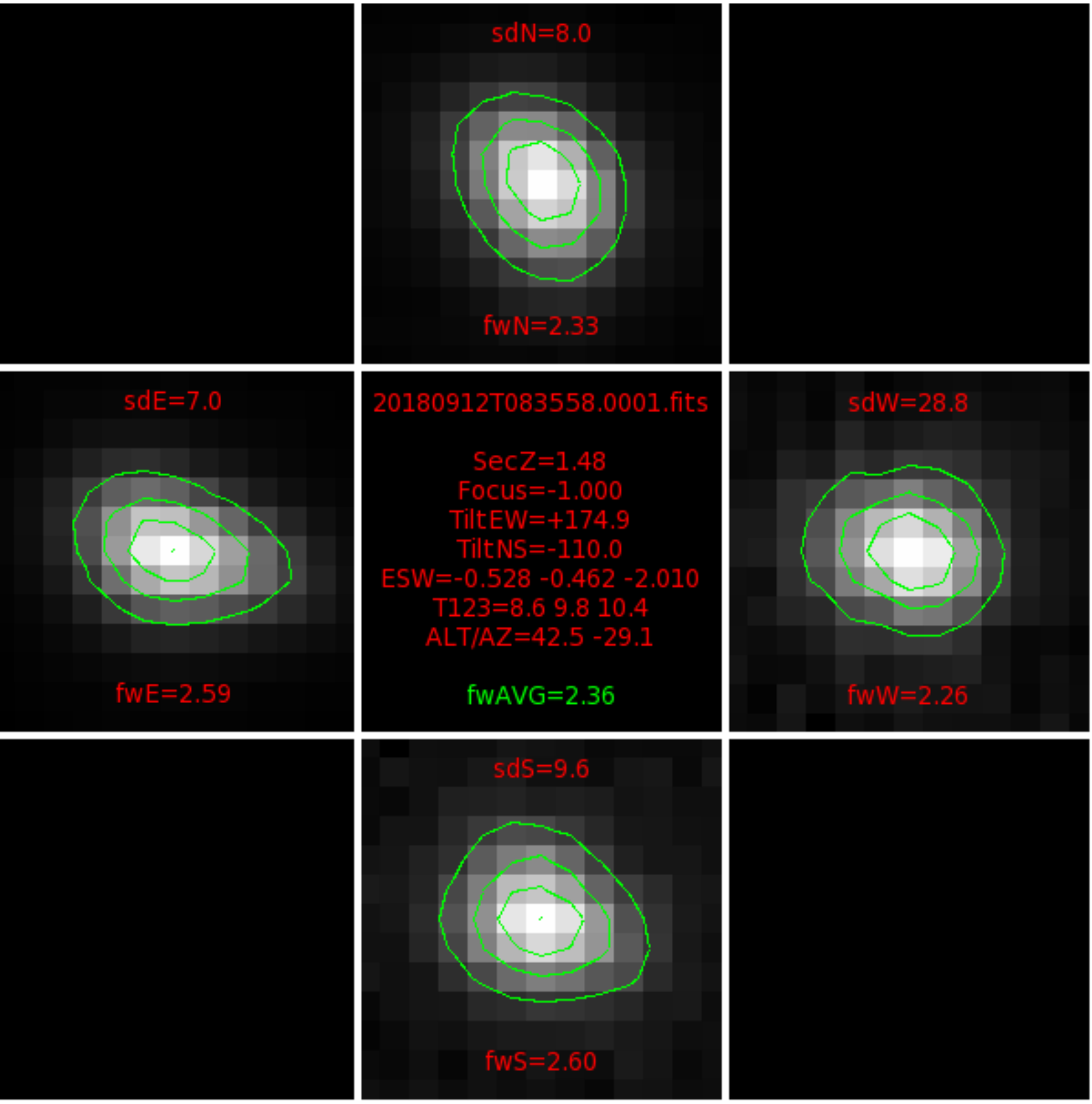
sdN=8.0
fwN=2.33
sdE=7.0
fwE=2.59
20180912T083558.0001.fits
SecZ=1.48
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=8.6 9.8 10.4
ALT/AZ=42.5 -29.1
fwAVG=2.36
sdW=28.8
fwW=2.26
sdS=9.6
fwS=2.60
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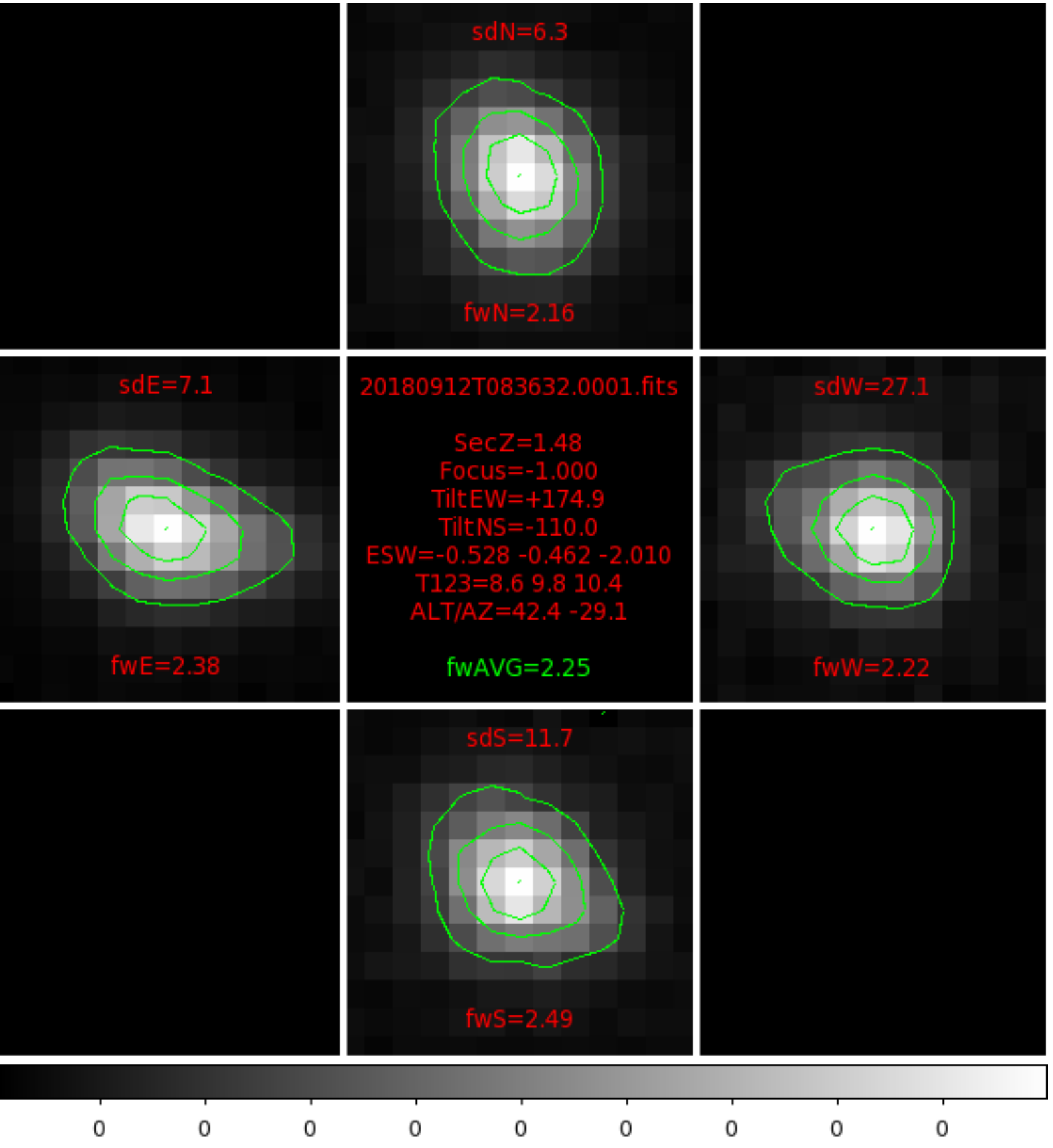
sdN=6.3
fwN=2.16
sdE=7.1
fwE=2.38
20180912T083632.0001.fits
SecZ=1.48
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=8.6 9.8 10.4
ALT/AZ=42.4 -29.1
fwAVG=2.25
sdW=27.1
fwW=2.22
sdS=11.7
fwS=2.49
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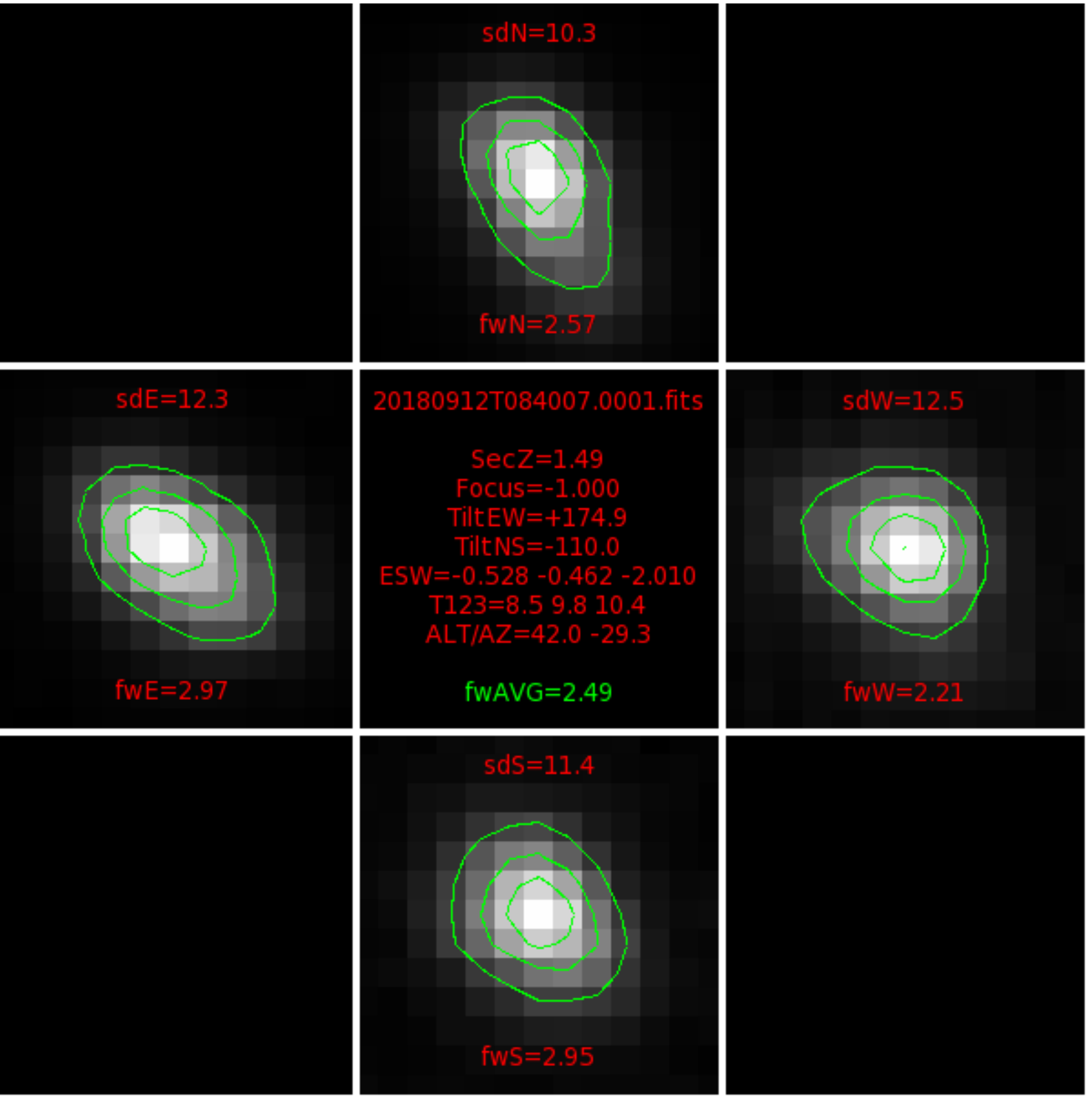
sdN=10.3
fwN=2.57
sdE=12.3
fwE=2.97
20180912T084007.0001.fits
SecZ=1.49
Focus=-1.000
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.528 -0.462 -2.010
T123=8.5 9.8 10.4
ALT/AZ=42.0 -29.3
fwAVG=2.49
sdW=12.5
fwW=2.21
sdS=11.4
fwS=2.95
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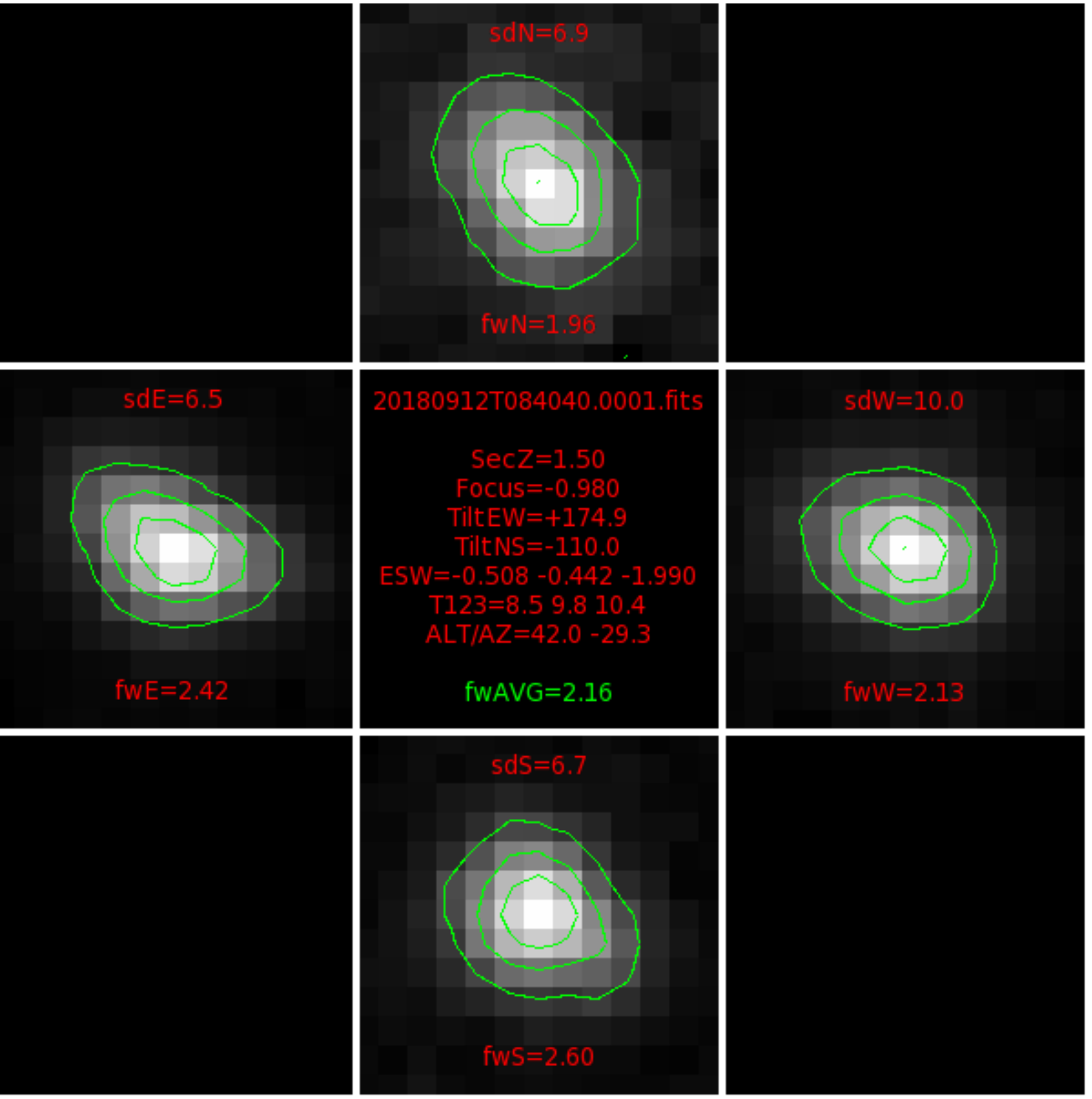
sdN=6.9
fwN=1.96
sdE=6.5
fwE=2.42
20180912T084040.0001.fits
SecZ=1.50
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=8.5 9.8 10.4
ALT/AZ=42.0 -29.3
fwAVG=2.16
sdW=10.0
fwW=2.13
sdS=6.7
fwS=2.60
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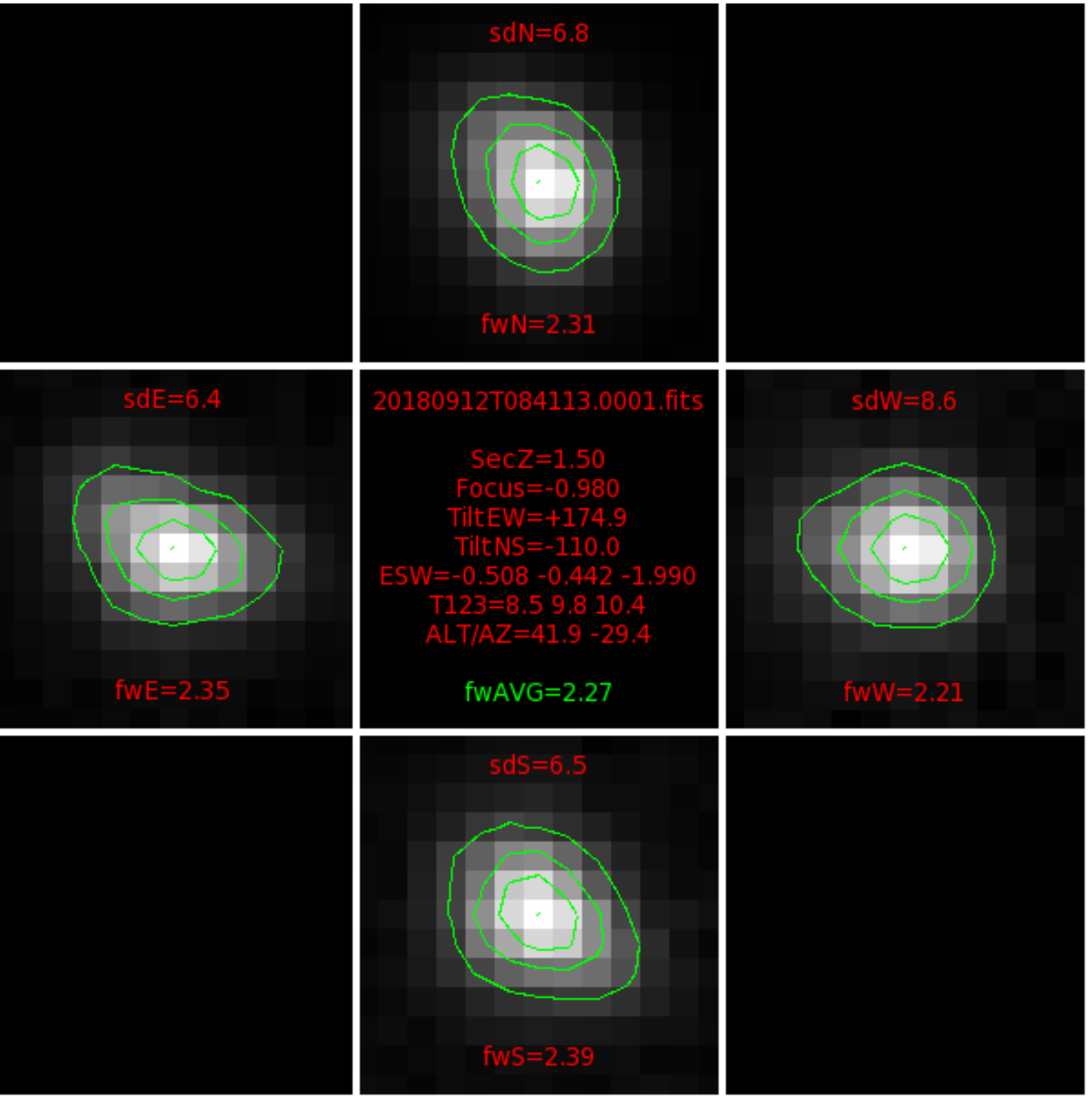
sdN=6.8
fwN=2.31
sdE=6.4
fwE=2.35
20180912T084113.0001.fits
SecZ=1.50
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=8.5 9.8 10.4
ALT/AZ=41.9 -29.4
fwAVG=2.27
sdW=8.6
fwW=2.21
sdS=6.5
fwS=2.39
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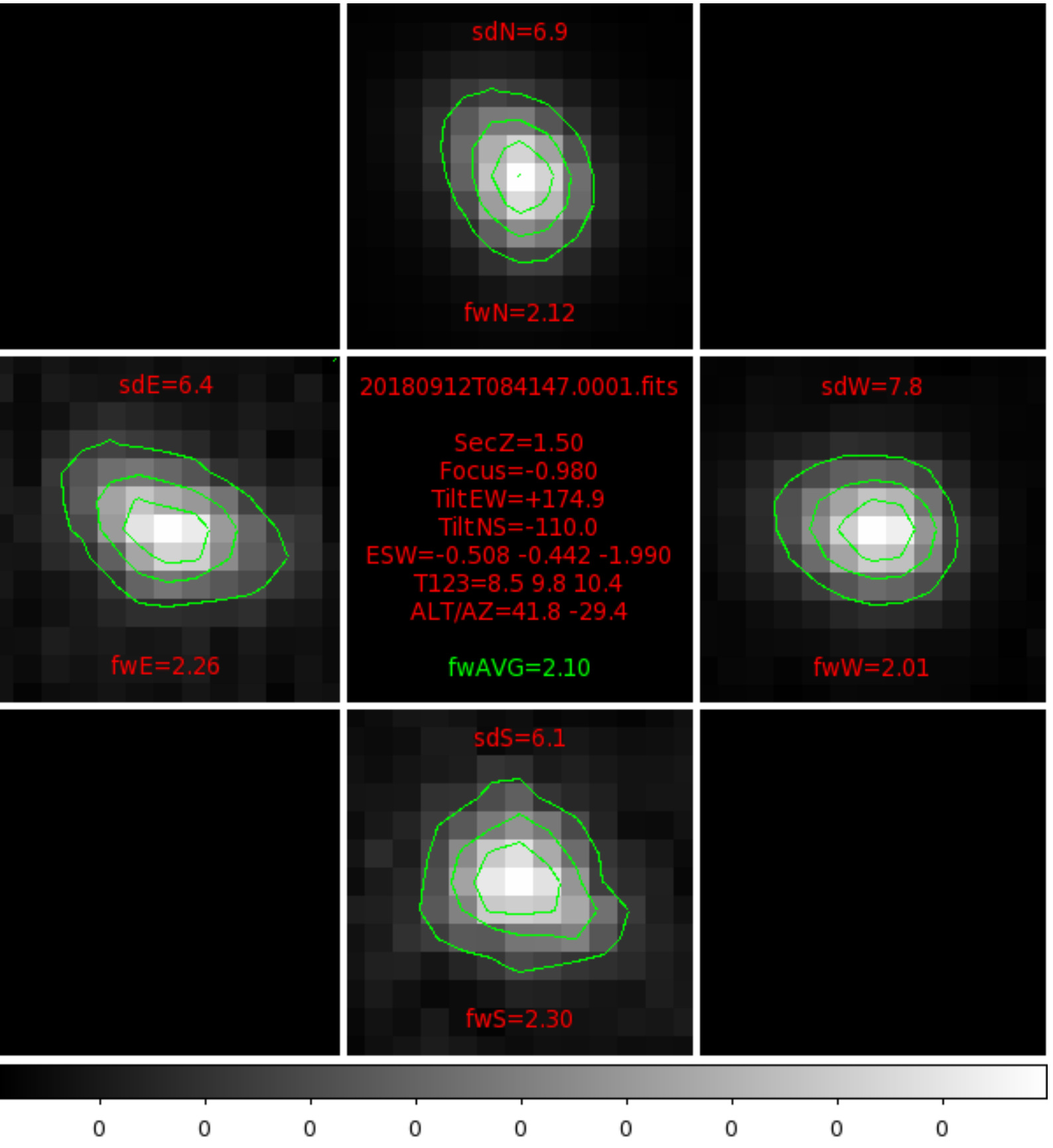
sdN=6.9
fwN=2.12
sdE=6.4
fwE=2.26
20180912T084147.0001.fits
SecZ=1.50
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=8.5 9.8 10.4
ALT/AZ=41.8 -29.4
fwAVG=2.10
sdW=7.8
fwW=2.01
sdS=6.1
fwS=2.30
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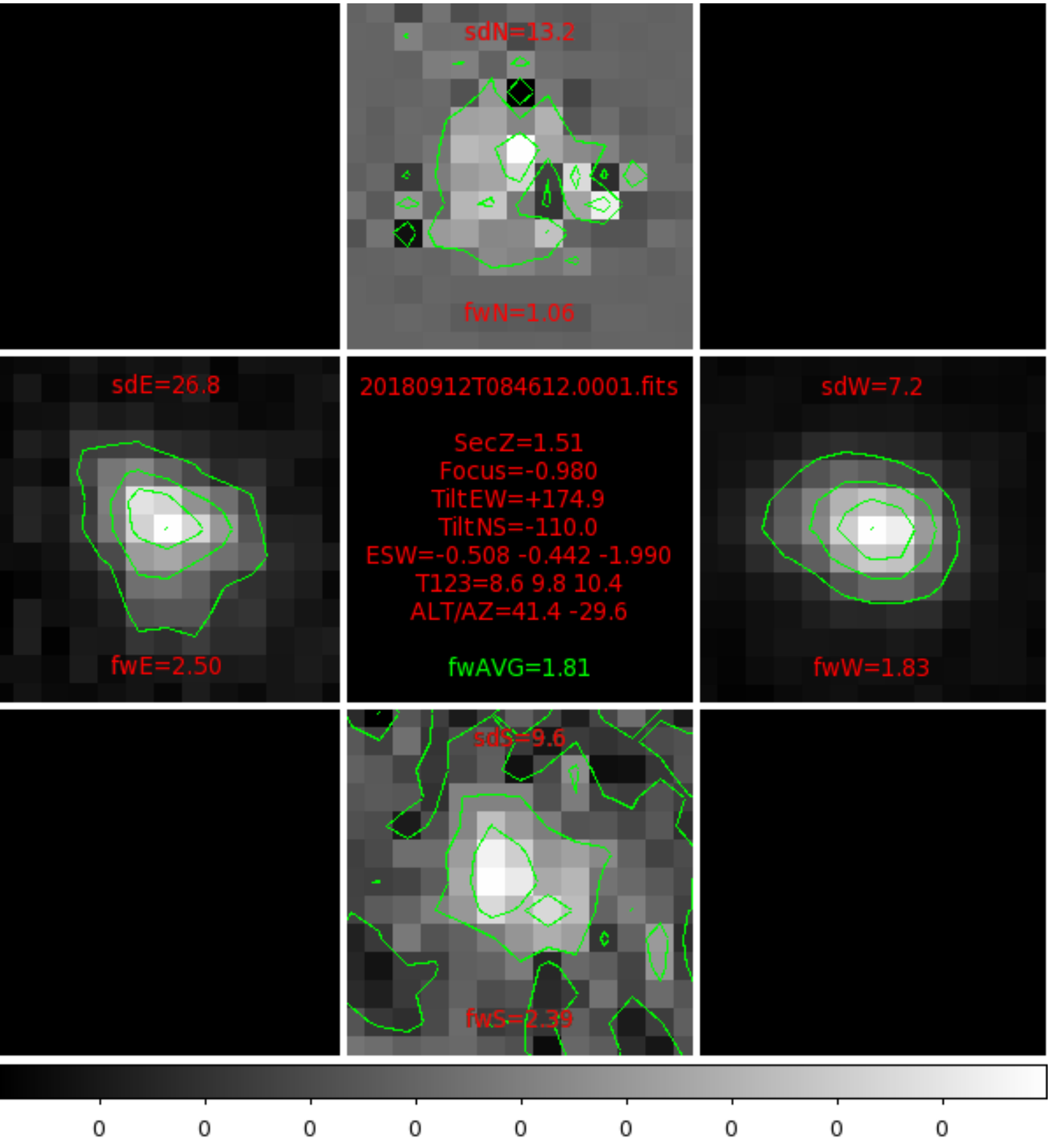
sdN=13.2
fwN=1.06
sdE=26.8
fwE=2.50
20180912T084612.0001.fits
SecZ=1.51
Focus=-0.980
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.508 -0.442 -1.990
T123=8.6 9.8 10.4
ALT/AZ=41.4 -29.6
fwAVG=1.81
sdW=7.2
fwW=1.83
sdS=9.6
fwS=2.39
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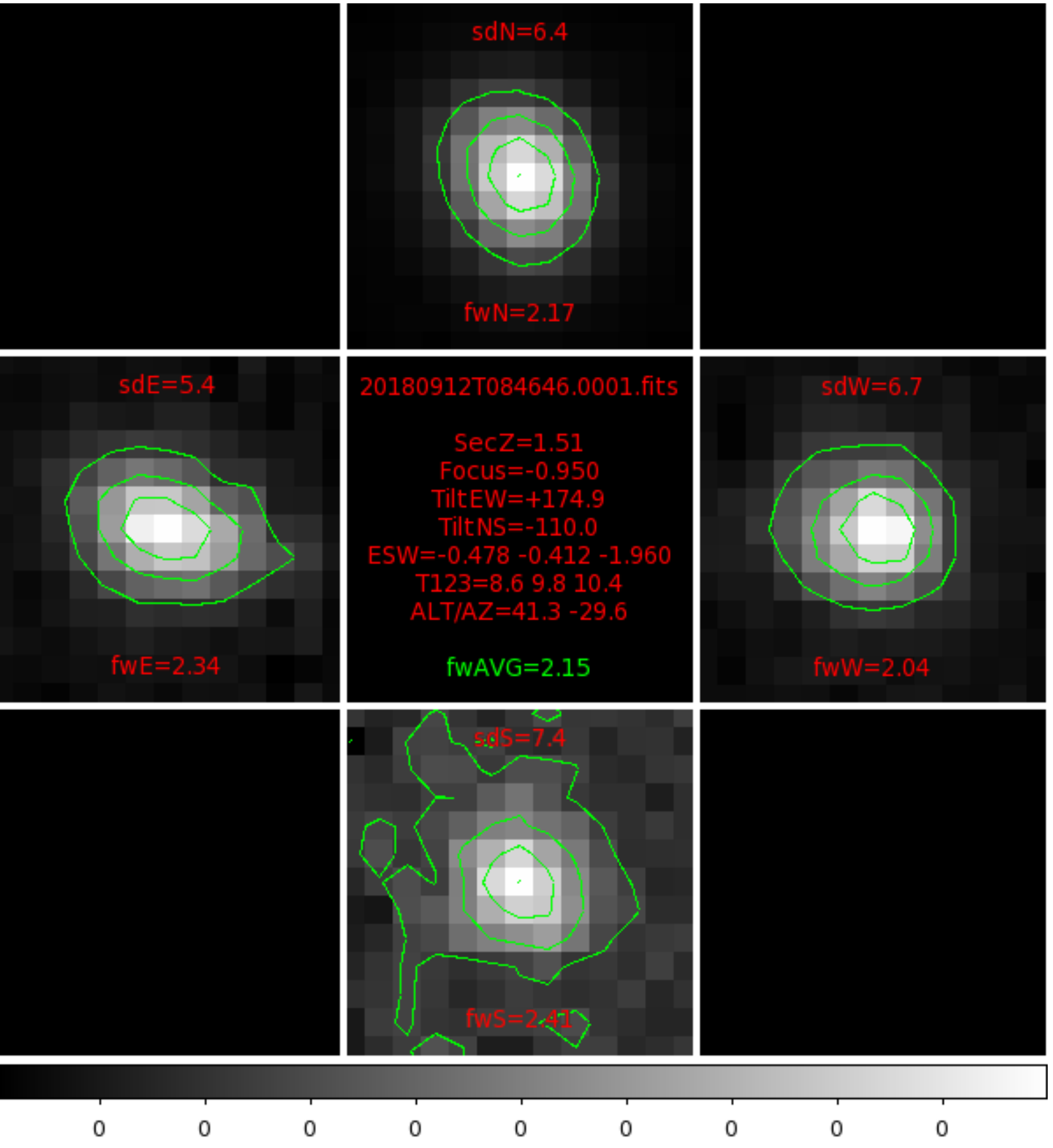
sdN=6.4
fwN=2.17
sdE=5.4
fwE=2.34
20180912T084646.0001.fits
SecZ=1.51
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.6 9.8 10.4
ALT/AZ=41.3 -29.6
fwAVG=2.15
sdW=6.7
fwW=2.04
sdS=7.4
fwS=2.41
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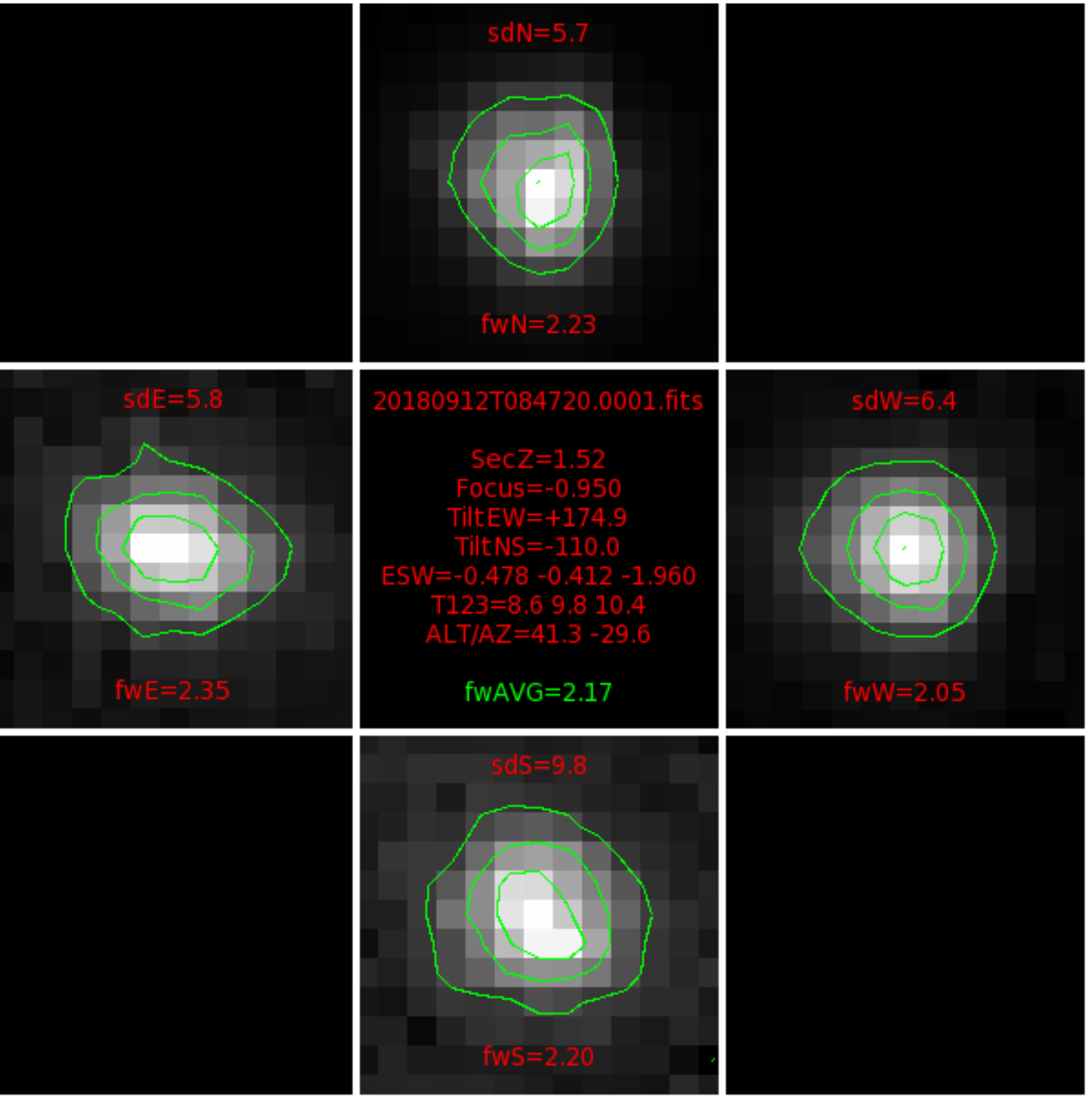
sdN=5.7
fwN=2.23
sdE=5.8
fwE=2.35
20180912T084720.0001.fits
SecZ=1.52
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.6 9.8 10.4
ALT/AZ=41.3 -29.6
fwAVG=2.17
sdW=6.4
fwW=2.05
sdS=9.8
fwS=2.20
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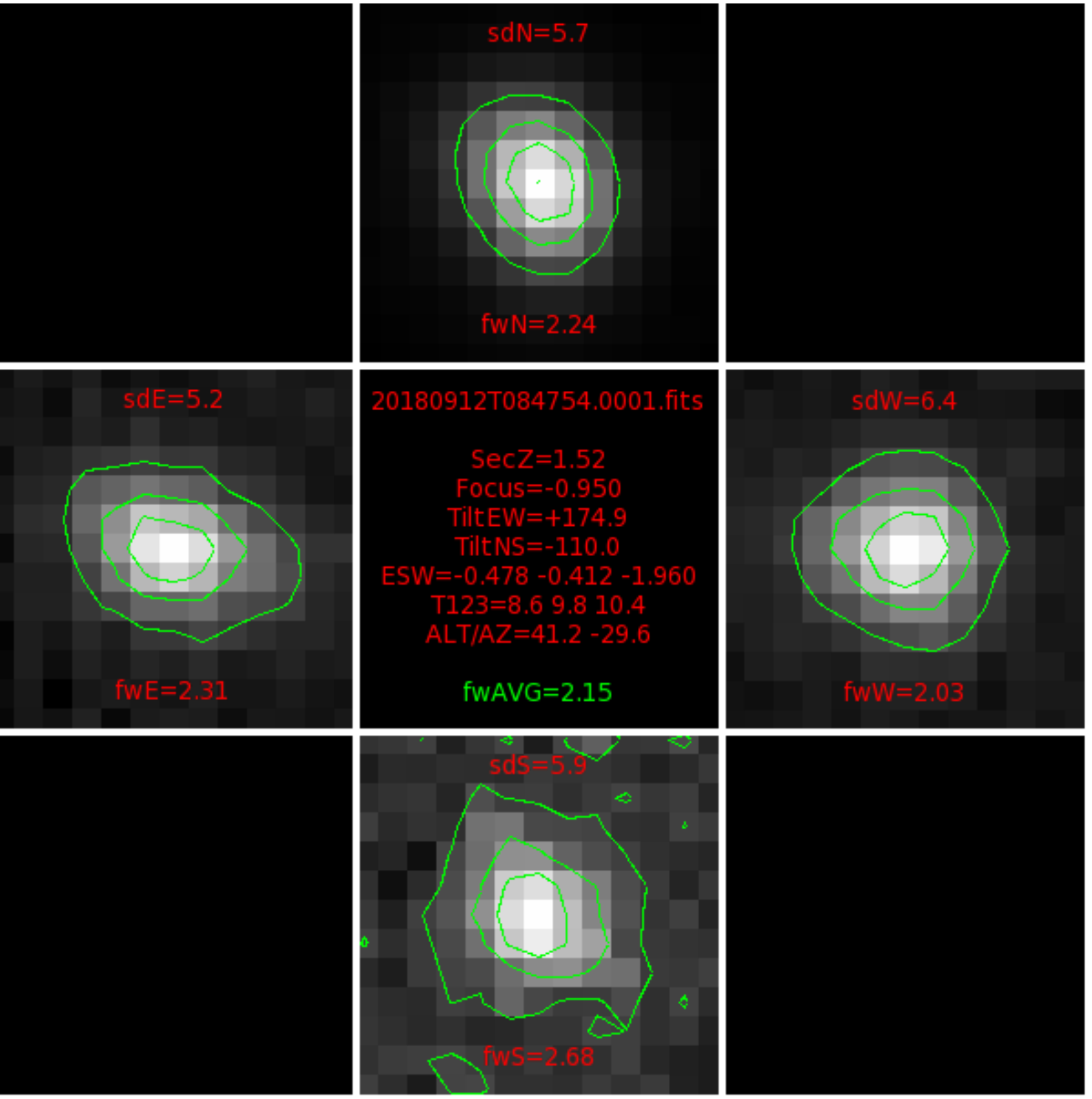
sdN=5.7
fwN=2.24
sdE=5.2
fwE=2.31
20180912T084754.0001.fits
SecZ=1.52
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.6 9.8 10.4
ALT/AZ=41.2 -29.6
fwAVG=2.15
sdW=6.4
fwW=2.03
sdS=5.9
fwS=2.68
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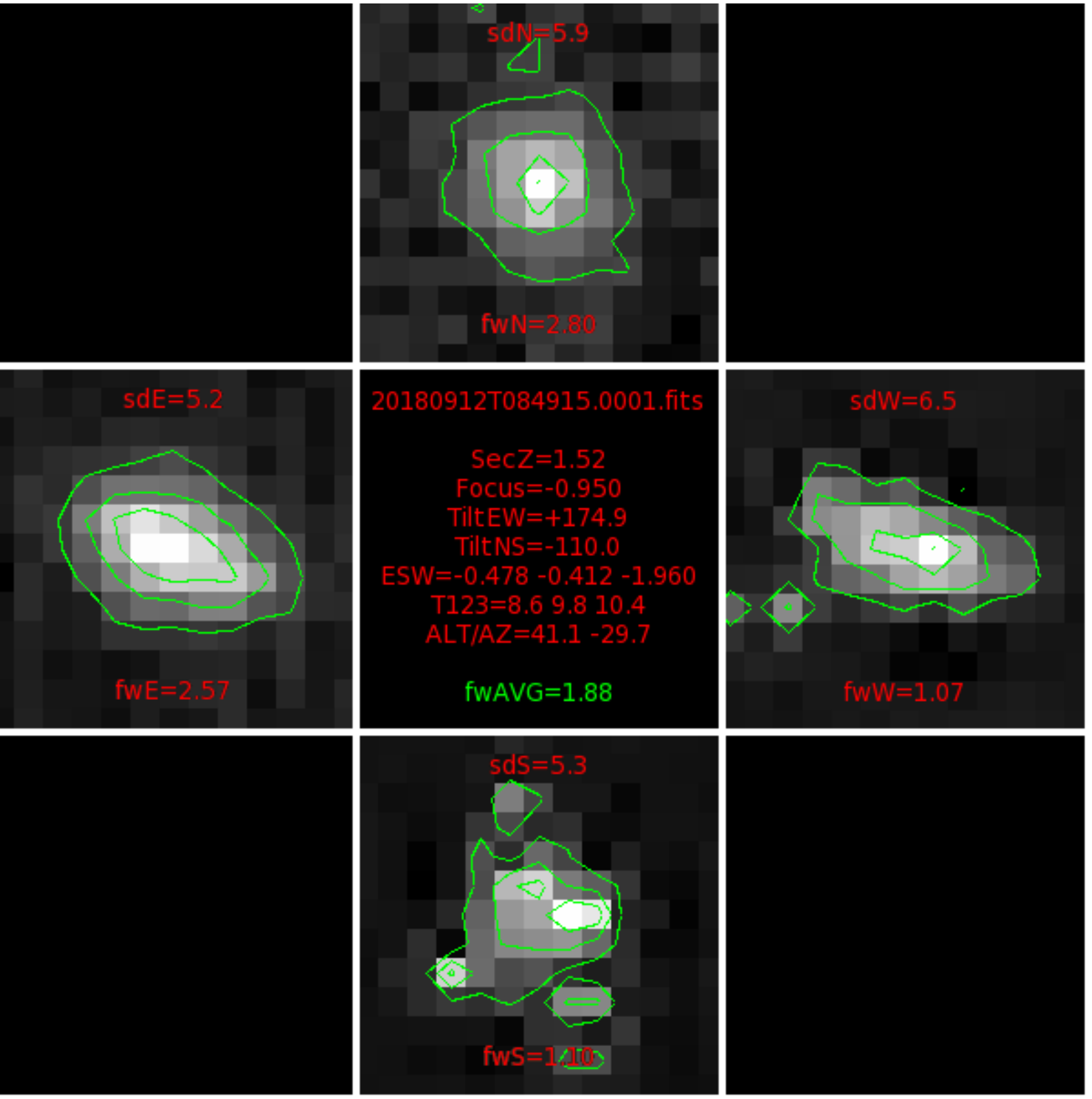
sdN=5.9
fwN=2.80
sdE=5.2
fwE=2.57
20180912T084915.0001.fits
SecZ=1.52
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.6 9.8 10.4
ALT/AZ=41.1 -29.7
fwAVG=1.88
sdW=6.5
fwW=1.07
sdS=5.3
fwS=1.10
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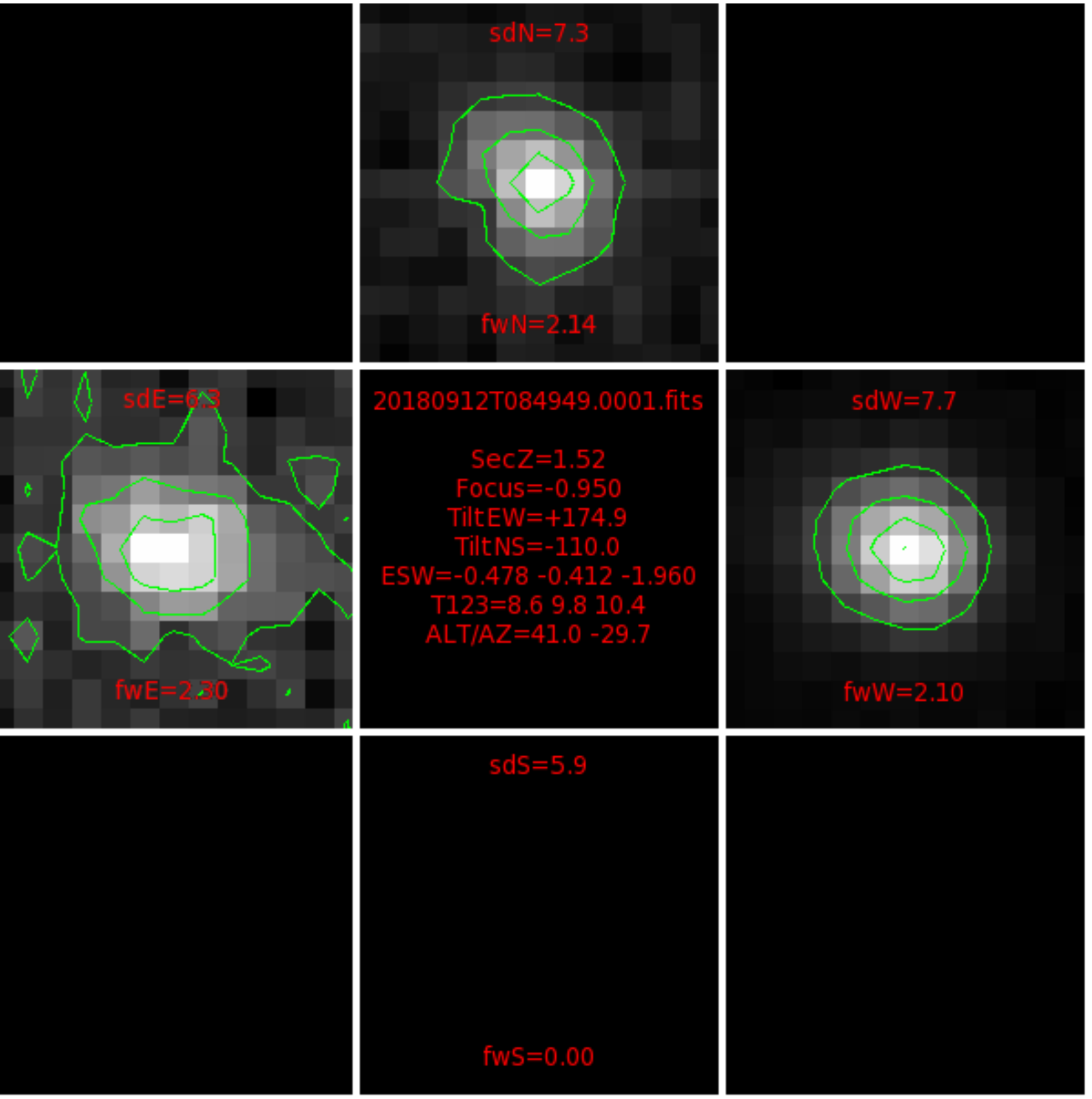
sdN=7.3
fwN=2.14
sdE=6.3
fwE=2.30
20180912T084949.0001.fits
SecZ=1.52
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.6 9.8 10.4
ALT/AZ=41.0 -29.7
sdW=7.7
fwW=2.10
sdS=5.9
fwS=0.00
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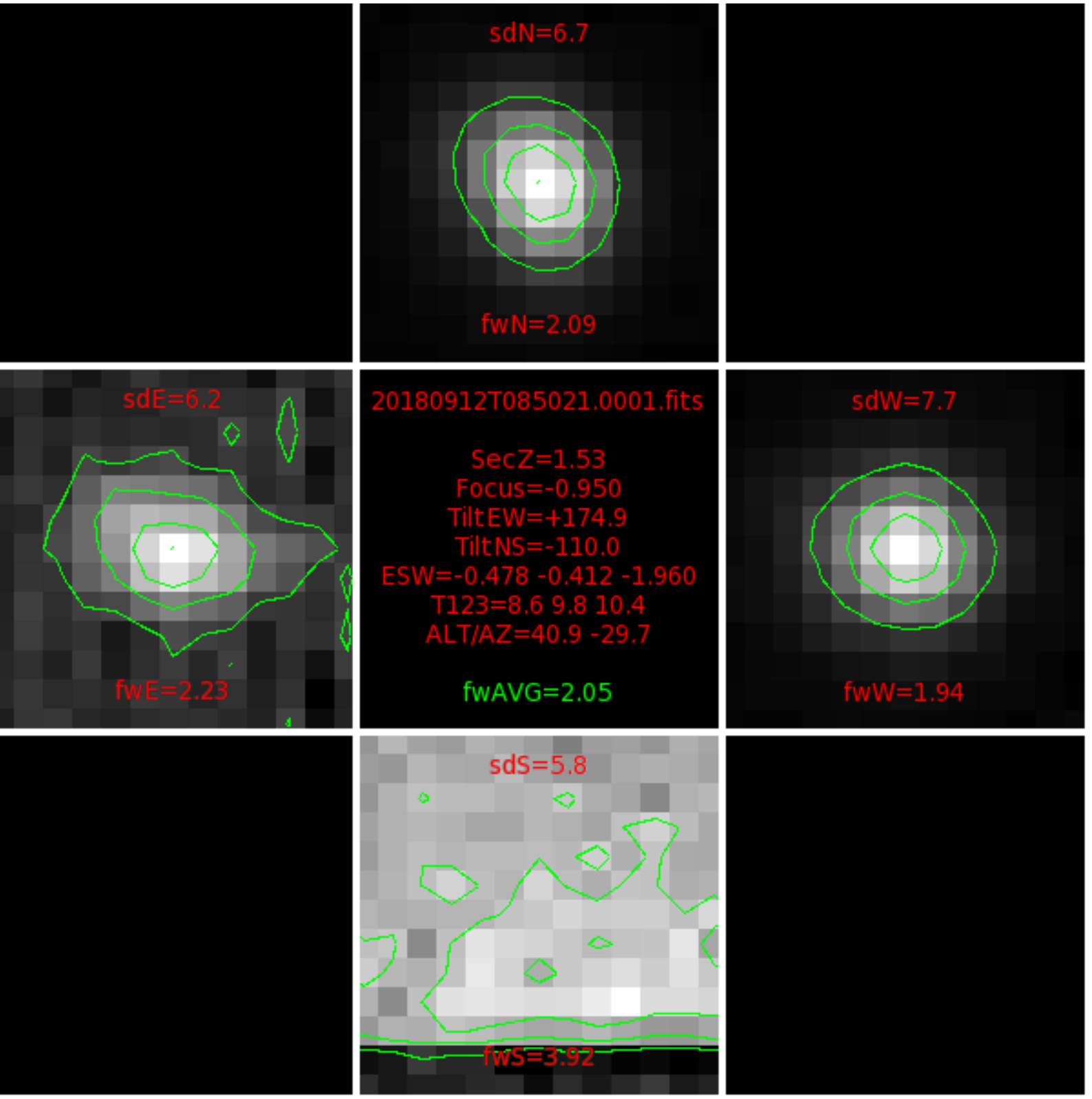
sdN=6.7
fwN=2.09
sdE=6.2
fwE=2.23
20180912T085021.0001.fits
SecZ=1.53
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.6 9.8 10.4
ALT/AZ=40.9 -29.7
fwAVG=2.05
sdW=7.7
fwW=1.94
sdS=5.8
fwS=3.92
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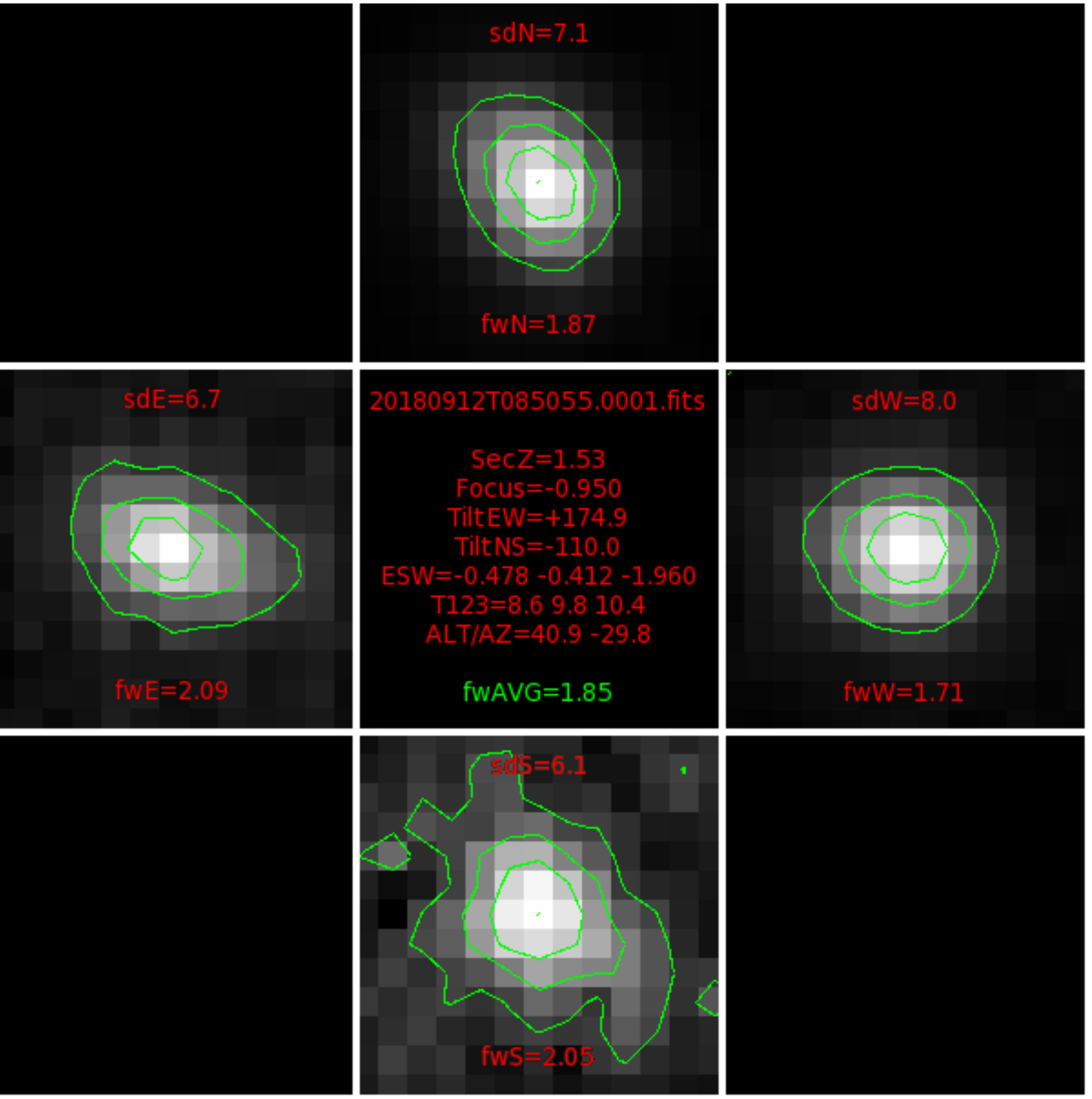
sdN=7.1
fwN=1.87
sdE=6.7
fwE=2.09
20180912T085055.0001.fits
SecZ=1.53
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.6 9.8 10.4
ALT/AZ=40.9 -29.8
fwAVG=1.85
sdW=8.0
fwW=1.71
sdS=6.1
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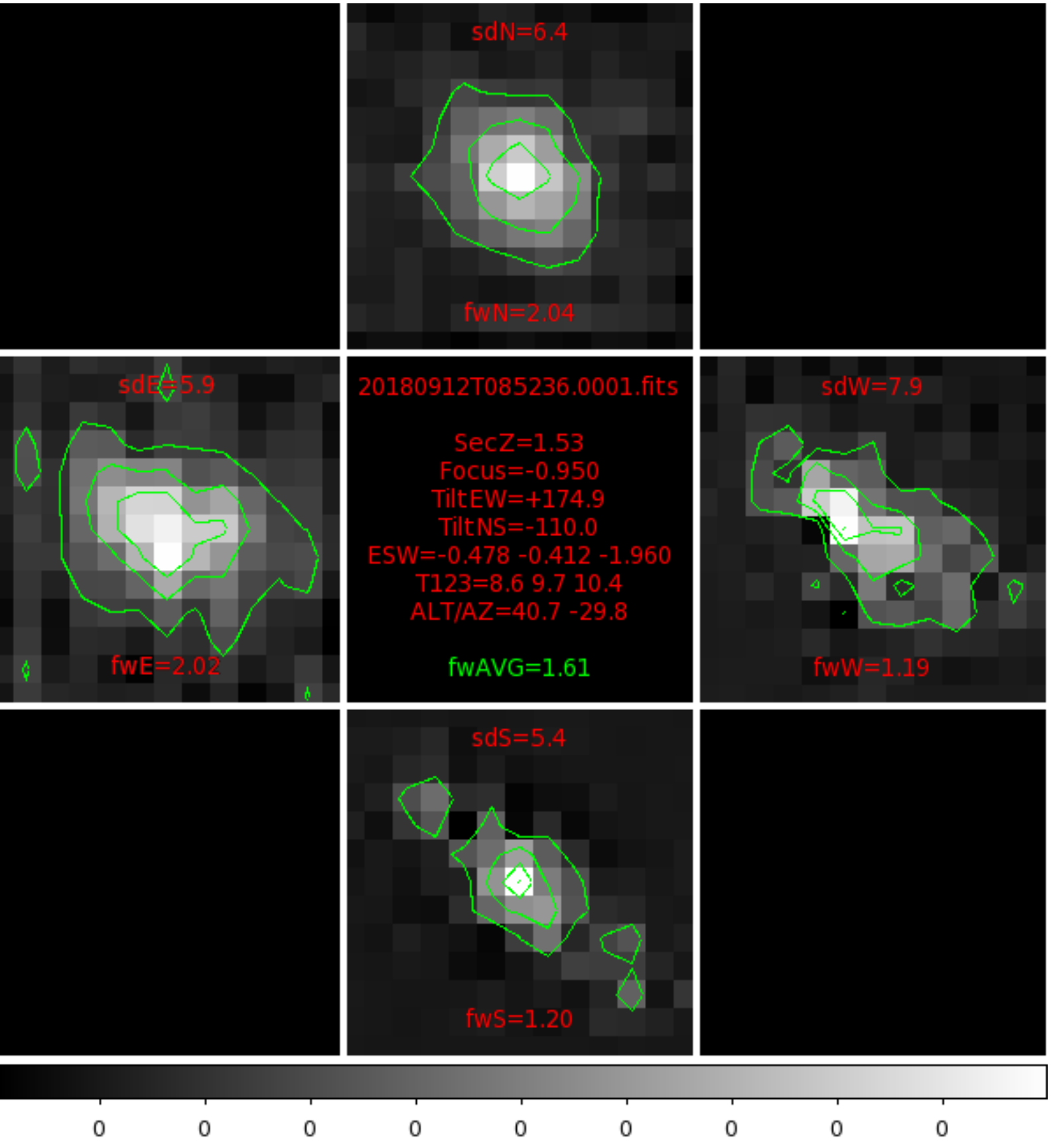
sdN=6.4
fwN=2.04
sdE=5.9
fwE=2.02
20180912T085236.0001.fits
SecZ=1.53
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.6 9.7 10.4
ALT/AZ=40.7 -29.8
fwAVG=1.61
sdW=7.9
fwW=1.19
sdS=5.4
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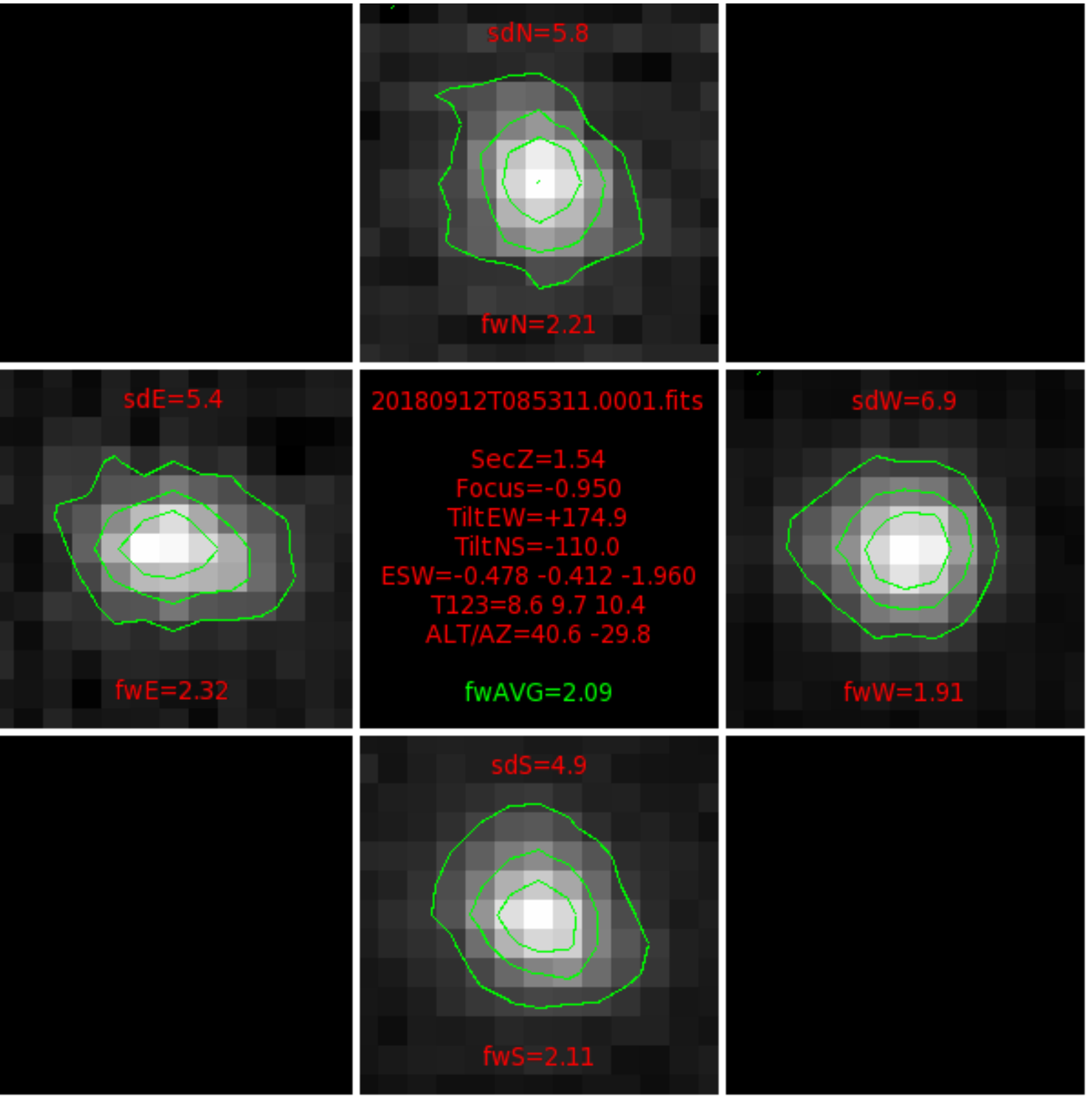
sdN=5.8
fwN=2.21
sdE=5.4
fwE=2.32
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SecZ=1.54
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.6 9.7 10.4
ALT/AZ=40.6 -29.8
fwAVG=2.09
sdW=6.9
fwW=1.91
sdS=4.9
fwS=2.11
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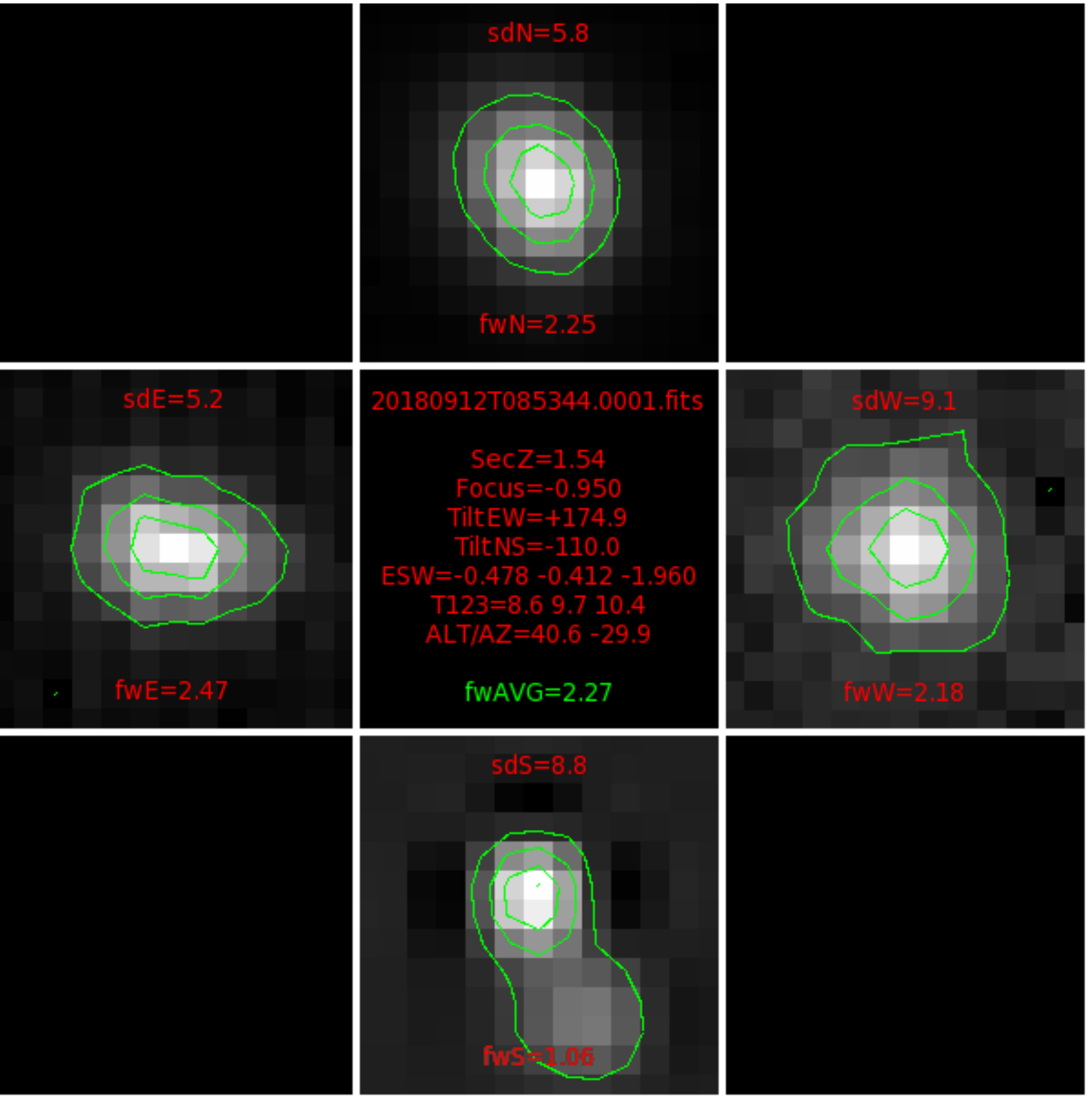
sdN=5.8
fwN=2.25
sdE=5.2
fwE=2.47
20180912T085344.0001.fits
SecZ=1.54
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.6 9.7 10.4
ALT/AZ=40.6 -29.9
fwAVG=2.27
sdW=9.1
fwW=2.18
sdS=8.8
fwS=1.06
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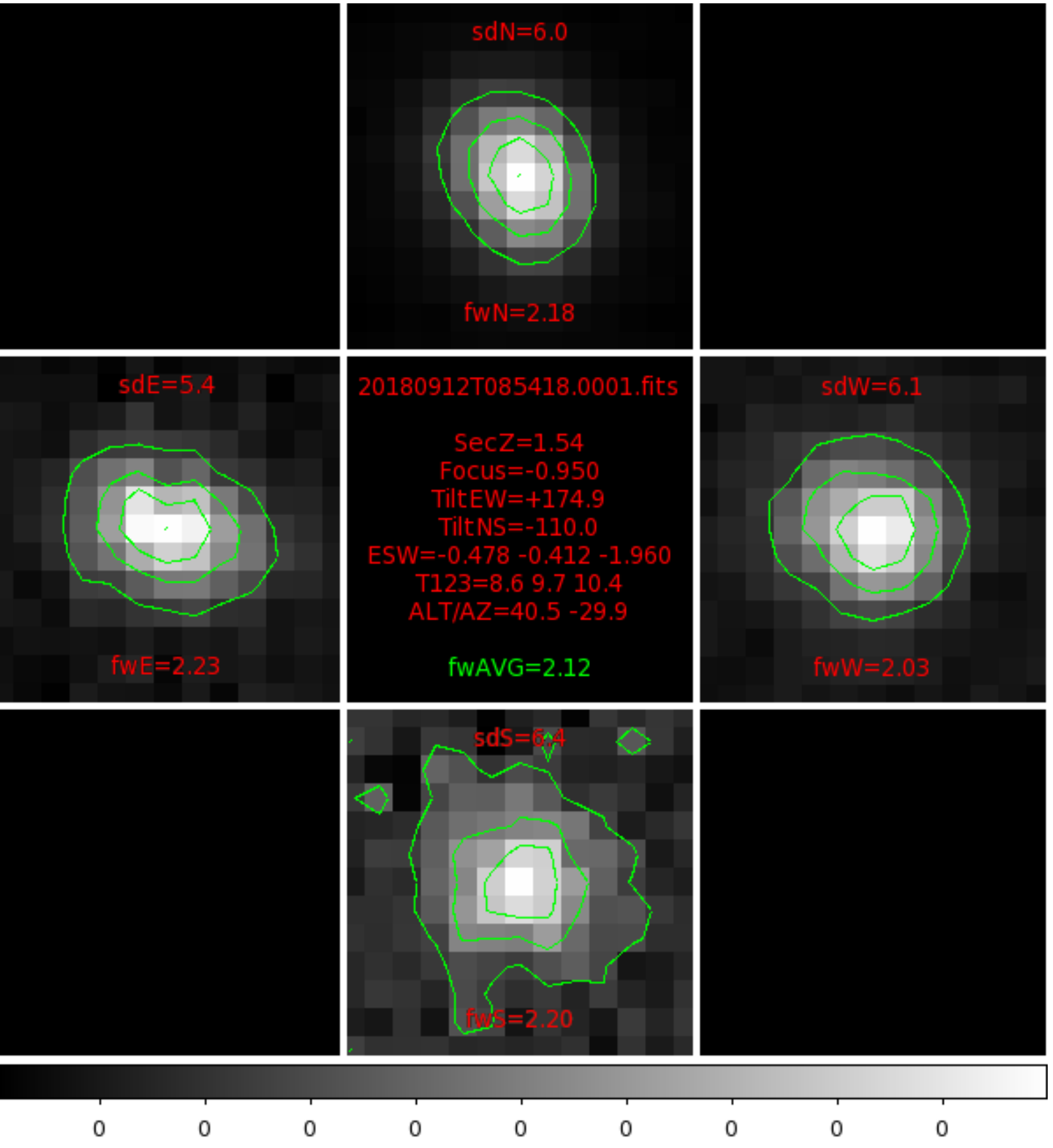
sdN=6.0
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sdE=5.4
fwE=2.23
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SecZ=1.54
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.6 9.7 10.4
ALT/AZ=40.5 -29.9
fwAVG=2.12
sdW=6.1
fwW=2.03
sdS=6.4
fwS=2.20
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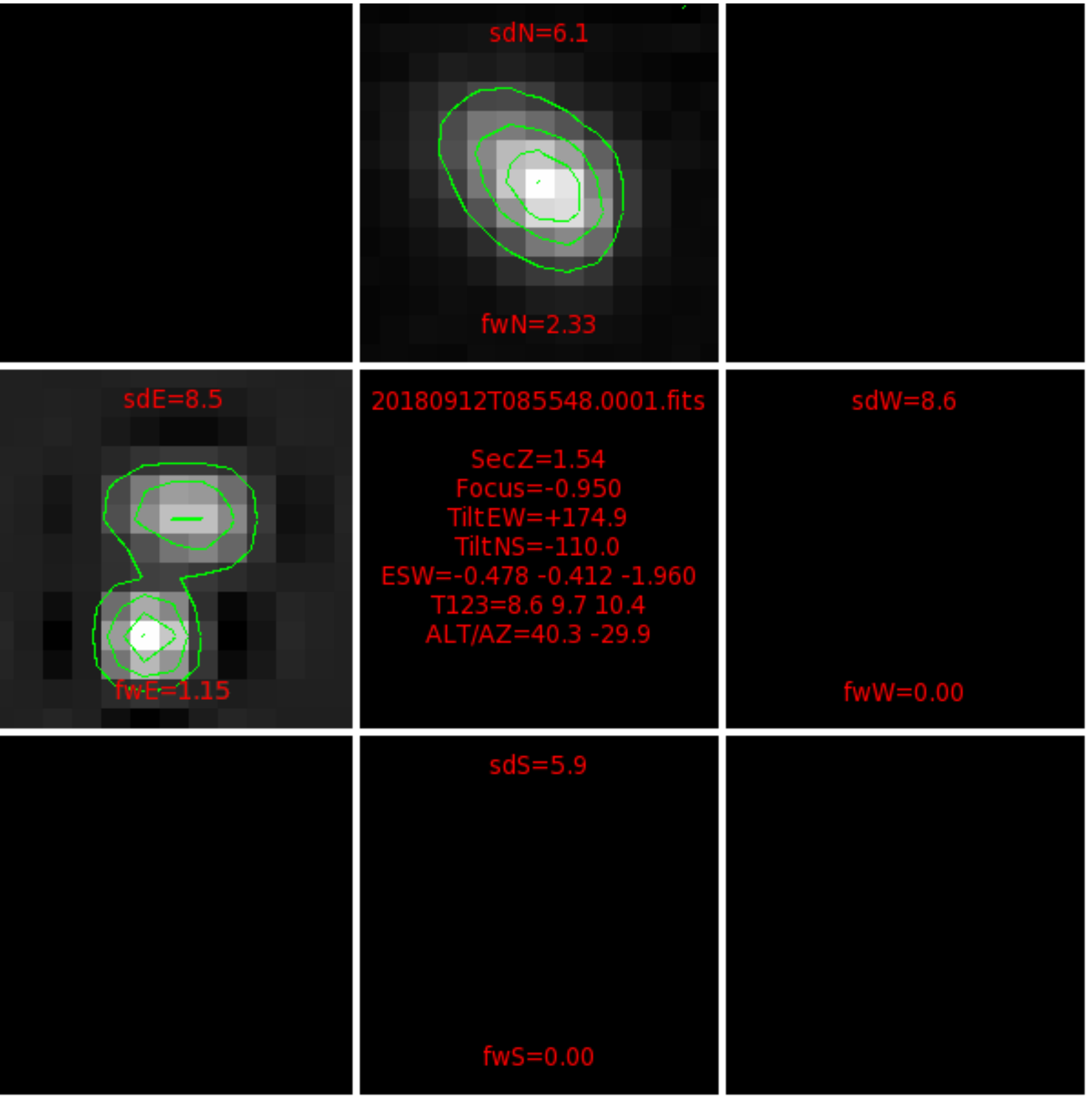
sdN=6.1
fwN=2.33
sdE=8.5
fwE=1.15
20180912T085548.0001.fits
SecZ=1.54
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.6 9.7 10.4
ALT/AZ=40.3 -29.9
sdW=8.6
fwW=0.00
sdS=5.9
fwS=0.00
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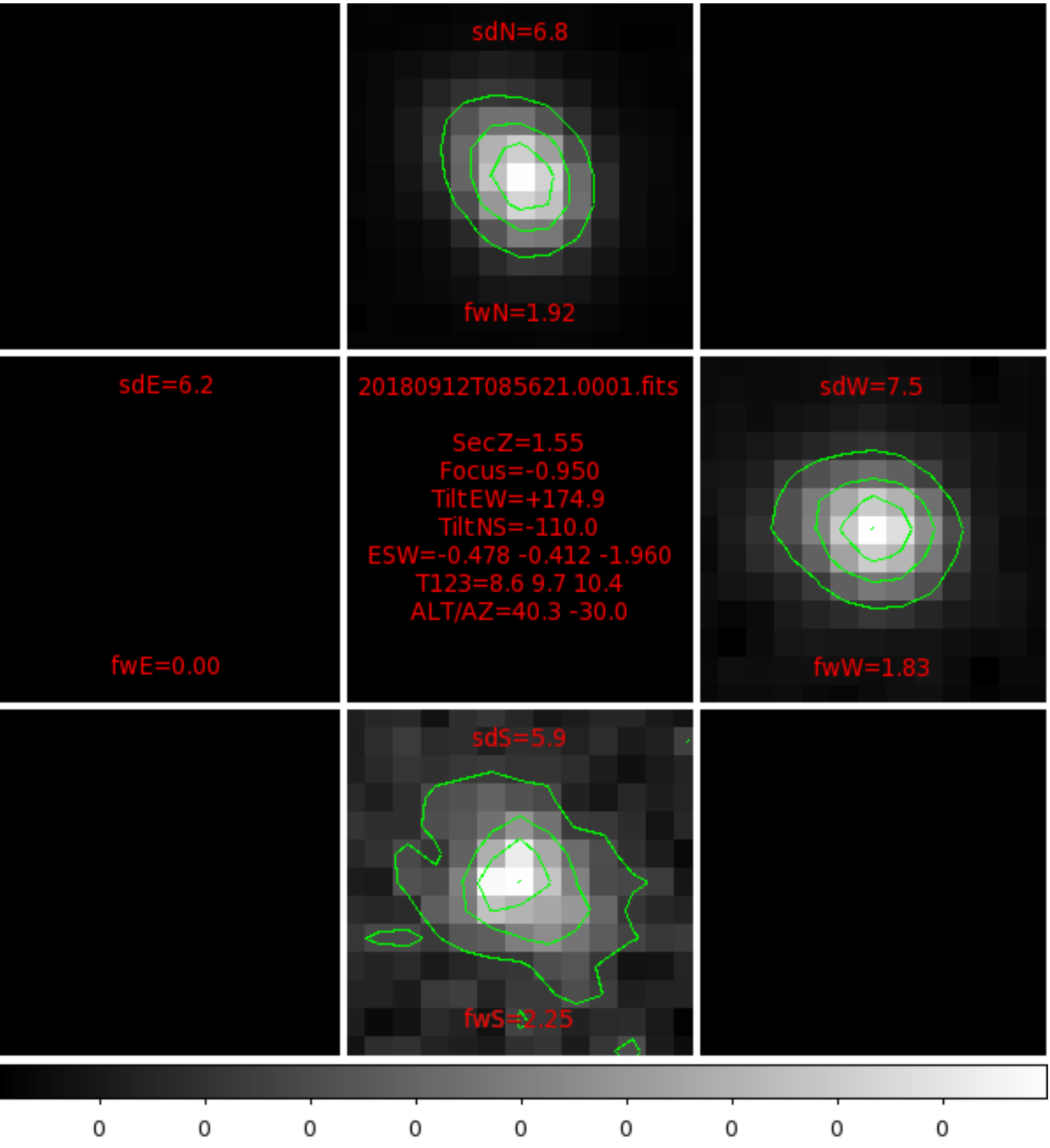
sdN=6.8
fwN=1.92
sdE=6.2
fwE=0.00
20180912T085621.0001.fits
SecZ=1.55
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.6 9.7 10.4
ALT/AZ=40.3 -30.0
sdW=7.5
fwW=1.83
sdS=5.9
fwS=2.25
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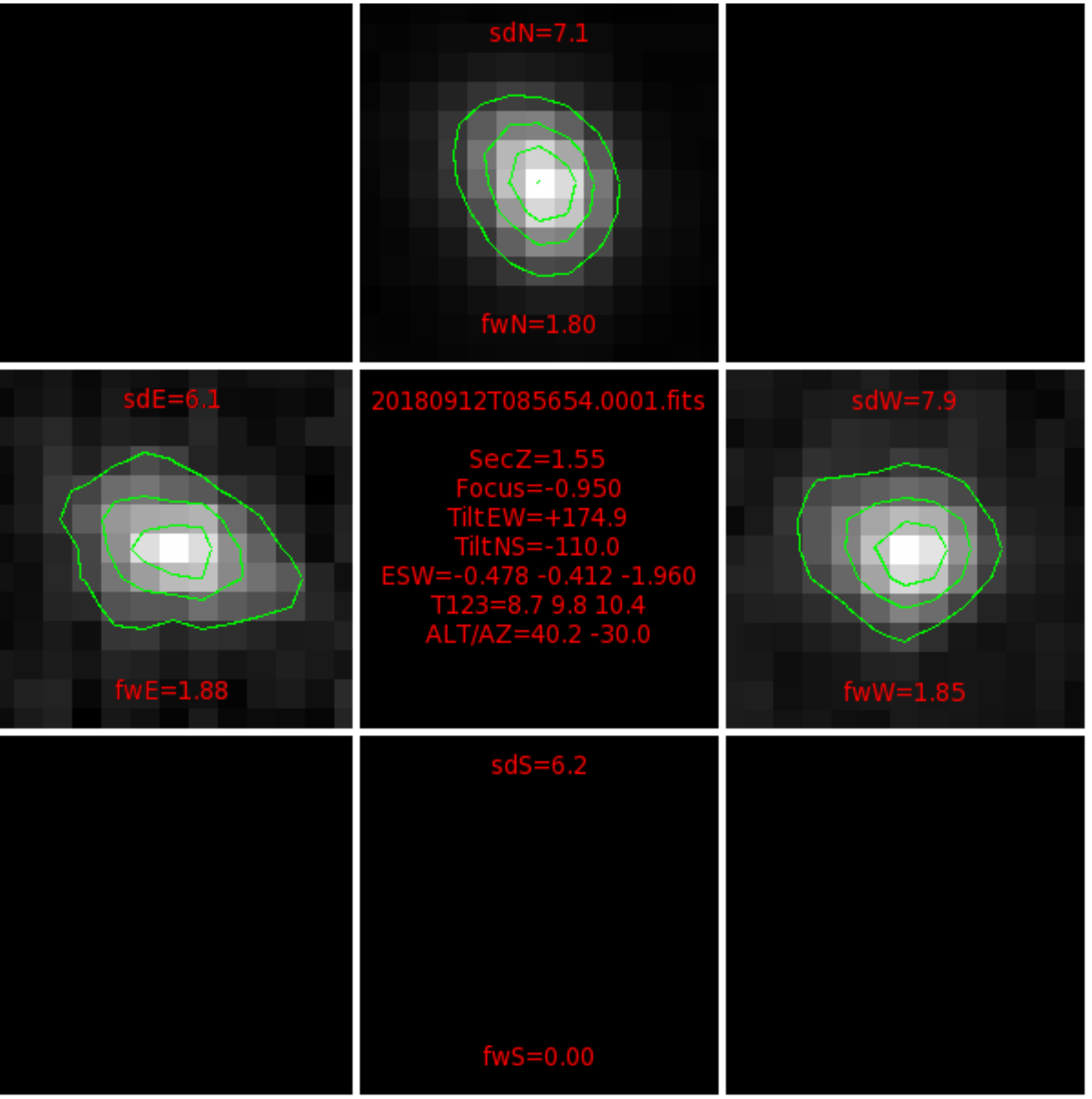
sdN=7.1
fwN=1.80
sdE=6.1
fwE=1.88
20180912T085654.0001.fits
SecZ=1.55
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.7 9.8 10.4
ALT/AZ=40.2 -30.0
sdW=7.9
fwW=1.85
sdS=6.2
fwS=0.00
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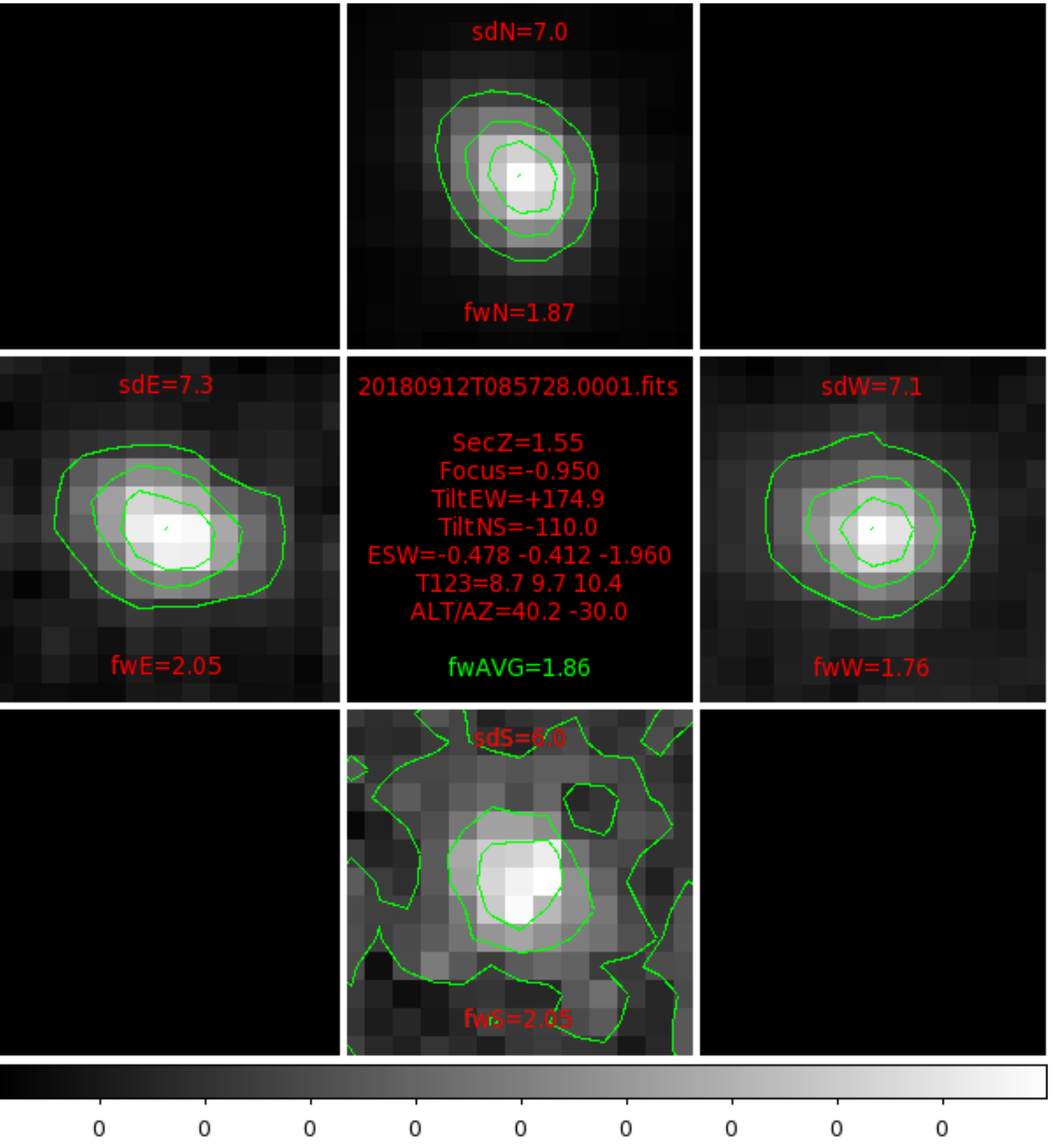
sdN=7.0
fwN=1.87
sdE=7.3
fwE=2.05
20180912T085728.0001.fits
SecZ=1.55
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.7 9.7 10.4
ALT/AZ=40.2 -30.0
fwAVG=1.86
sdW=7.1
fwW=1.76
sdS=6.0
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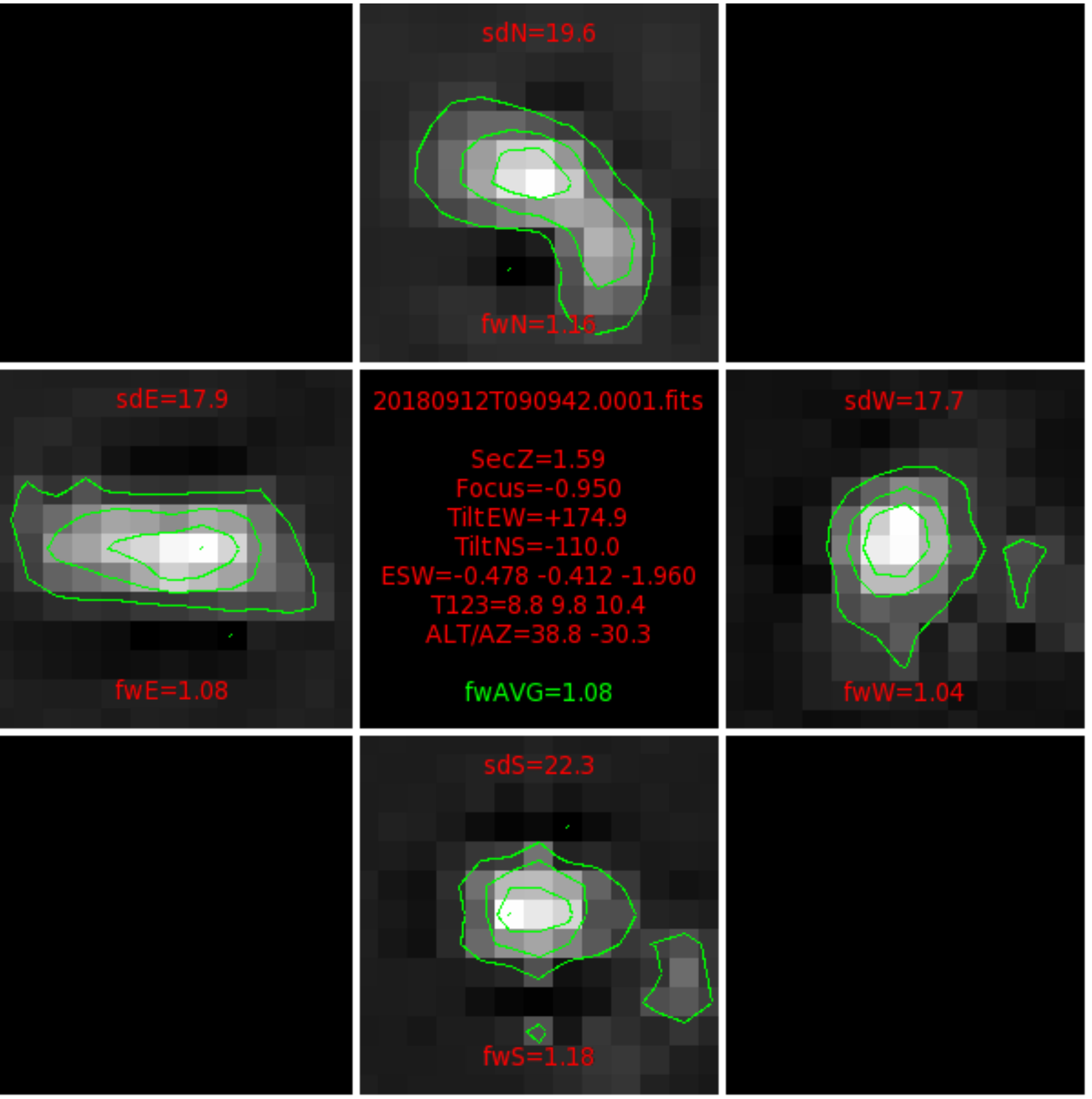
sdN=19.6
fwN=1.16
sdE=17.9
fwE=1.08
20180912T090942.0001.fits
SecZ=1.59
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.8 9.8 10.4
ALT/AZ=38.8 -30.3
fwAVG=1.08
sdW=17.7
fwW=1.04
sdS=22.3
fwS=1.18
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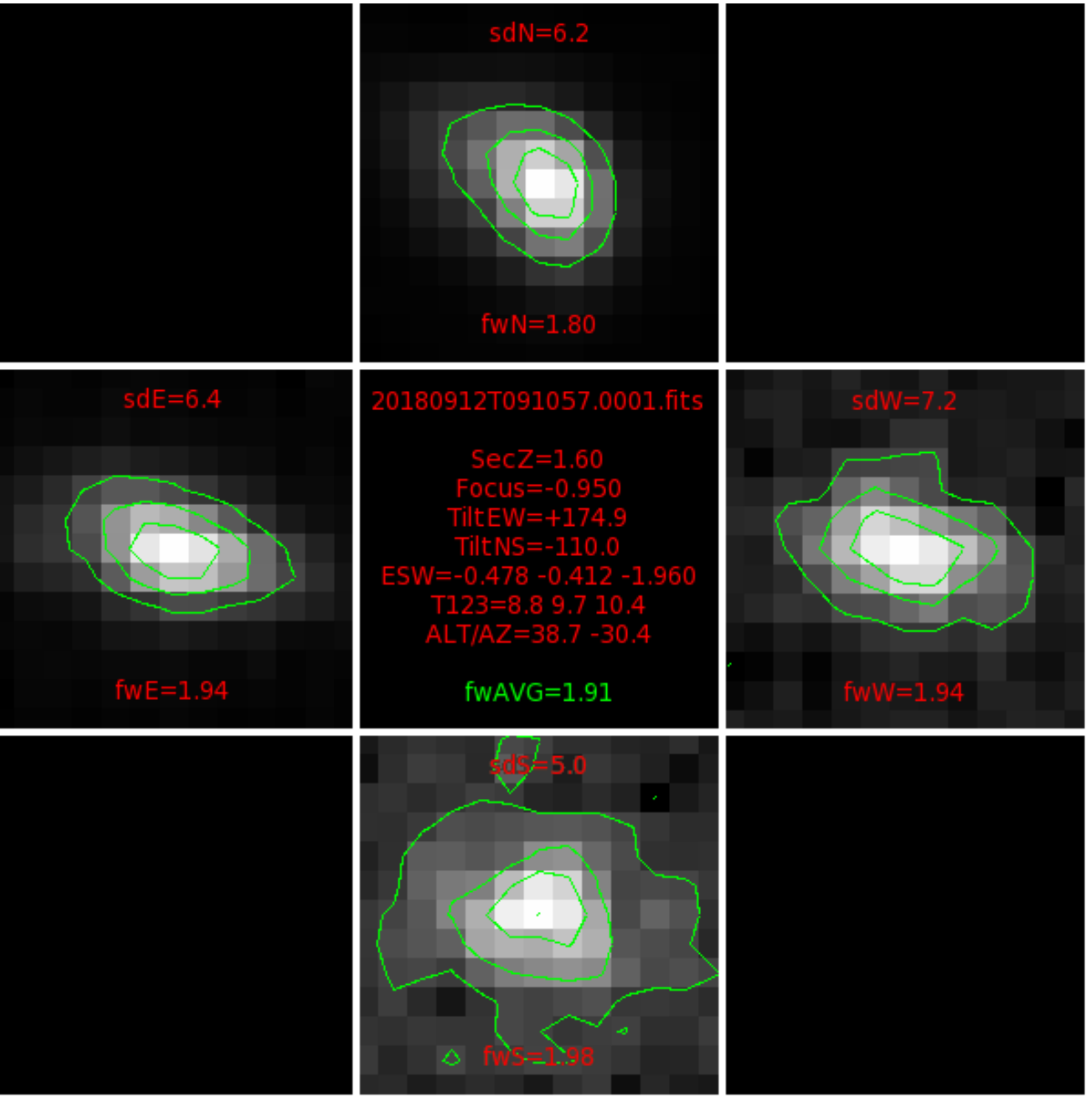
sdN=6.2
fwN=1.80
sdE=6.4
fwE=1.94
20180912T091057.0001.fits
SecZ=1.60
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.8 9.7 10.4
ALT/AZ=38.7 -30.4
fwAVG=1.91
sdW=7.2
fwW=1.94
sdS=5.0
fwS=1.98
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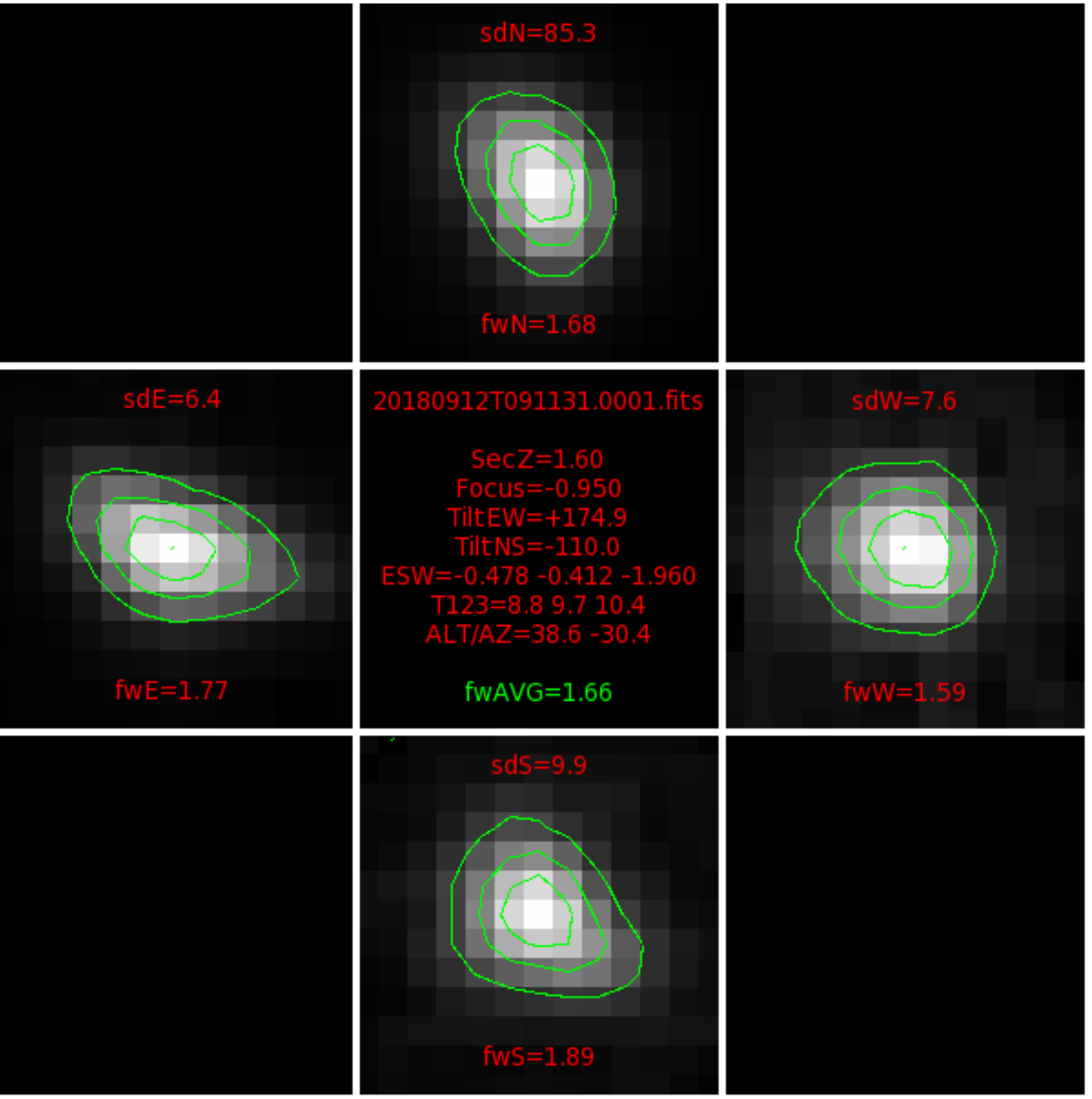
sdN=85.3
fwN=1.68
sdE=6.4
fwE=1.77
20180912T091131.0001.fits
SecZ=1.60
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.8 9.7 10.4
ALT/AZ=38.6 -30.4
fwAVG=1.66
sdW=7.6
fwW=1.59
sdS=9.9
fwS=1.89
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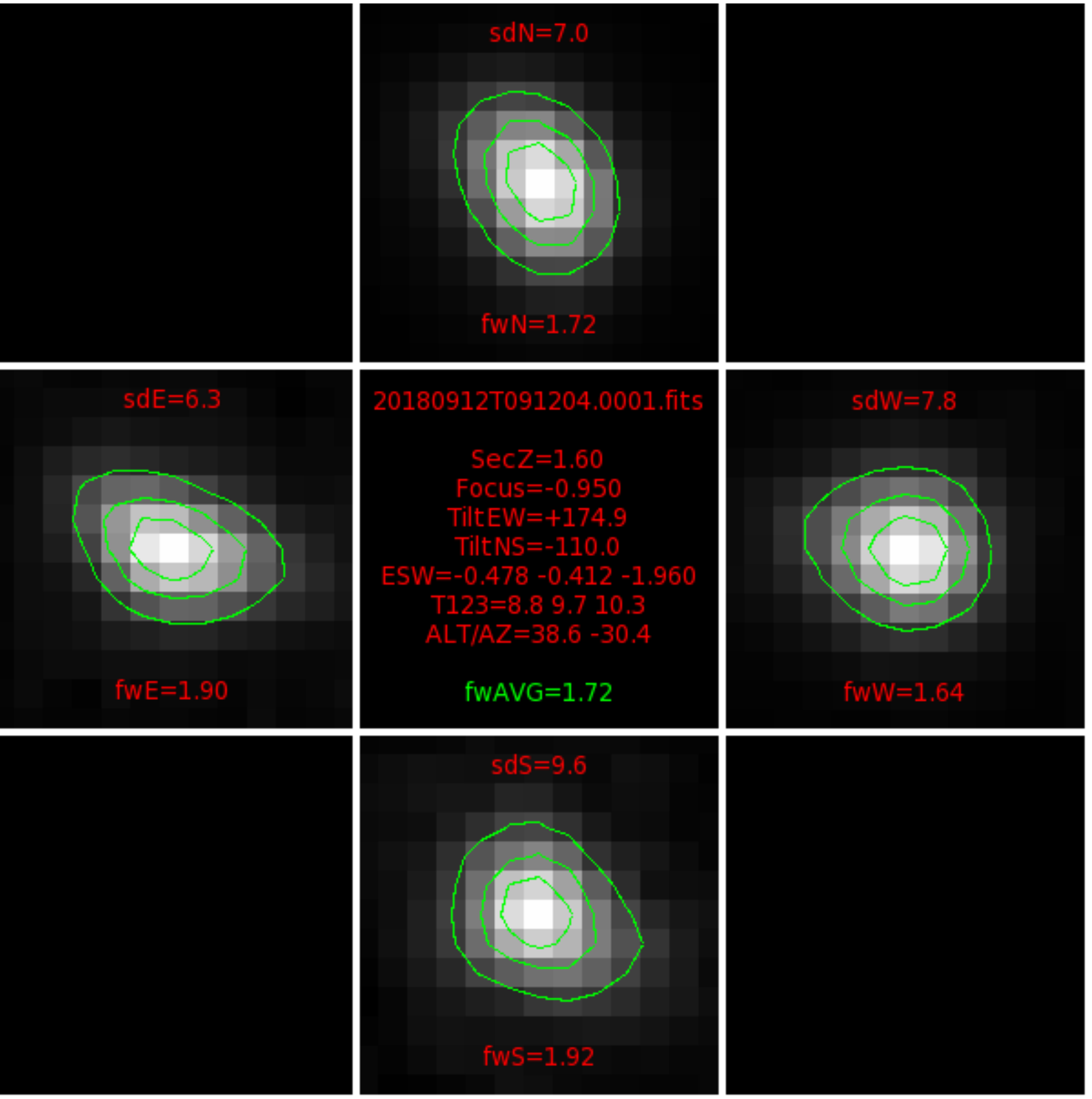
sdN=7.0
fwN=1.72
sdE=6.3
fwE=1.90
20180912T091204.0001.fits
SecZ=1.60
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.8 9.7 10.3
ALT/AZ=38.6 -30.4
fwAVG=1.72
sdW=7.8
fwW=1.64
sdS=9.6
fwS=1.92
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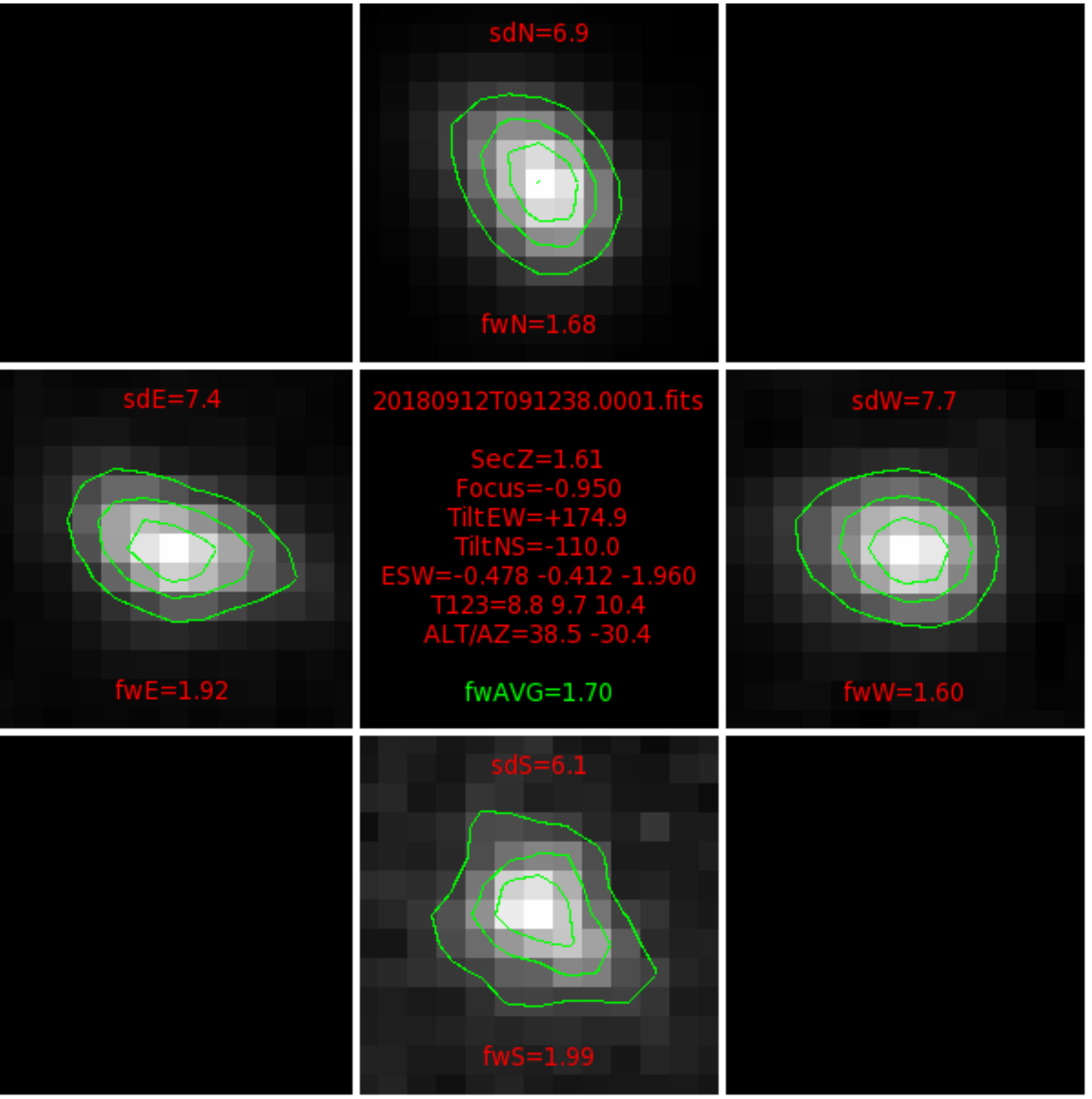
sdN=6.9
fwN=1.68
sdE=7.4
fwE=1.92
20180912T091238.0001.fits
SecZ=1.61
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.8 9.7 10.4
ALT/AZ=38.5 -30.4
fwAVG=1.70
sdW=7.7
fwW=1.60
sdS=6.1
fwS=1.99
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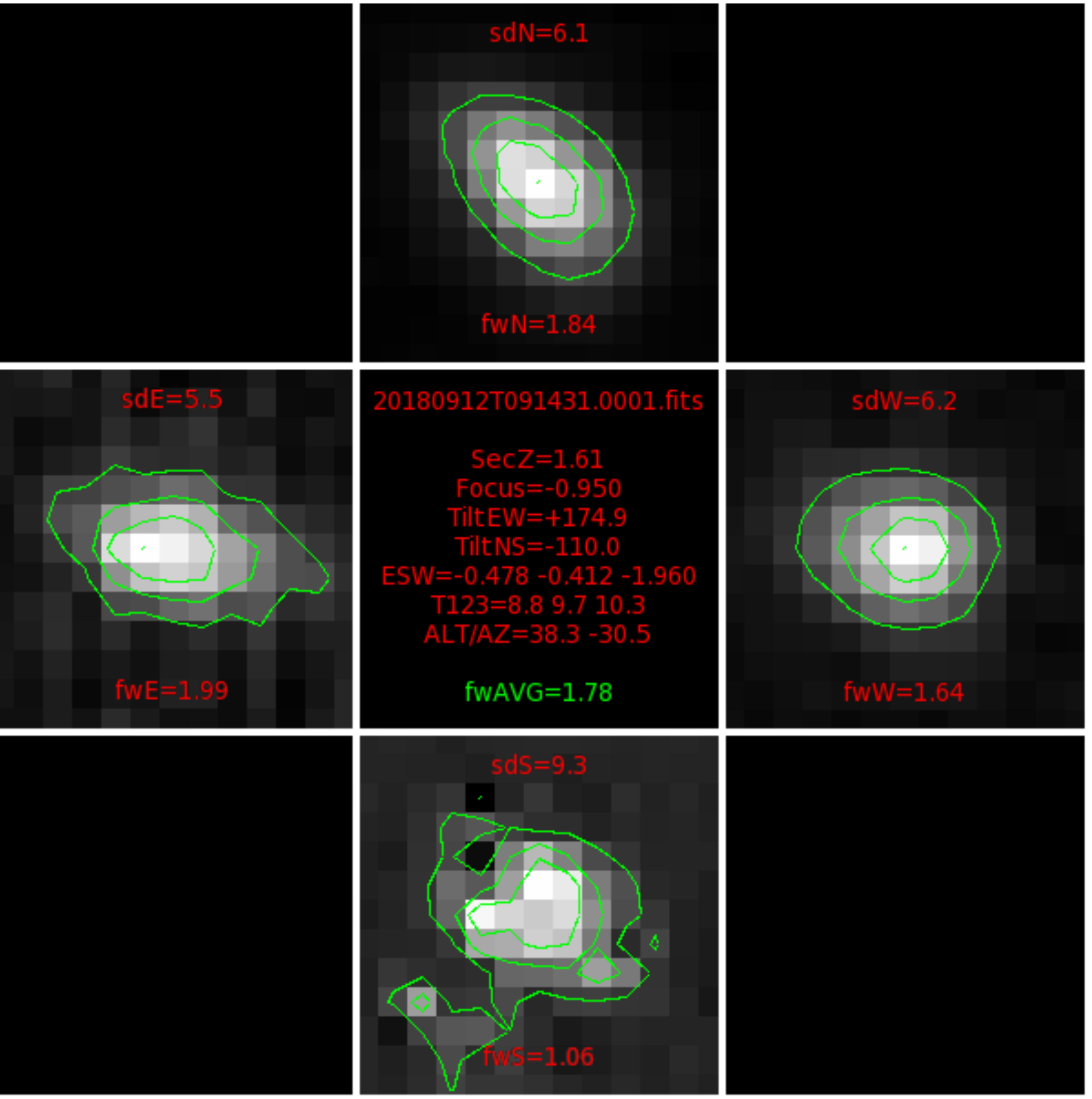
sdN=6.1
fwN=1.84
sdE=5.5
fwE=1.99
20180912T091431.0001.fits
SecZ=1.61
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.8 9.7 10.3
ALT/AZ=38.3 -30.5
fwAVG=1.78
sdW=6.2
fwW=1.64
sdS=9.3
fwS=1.06
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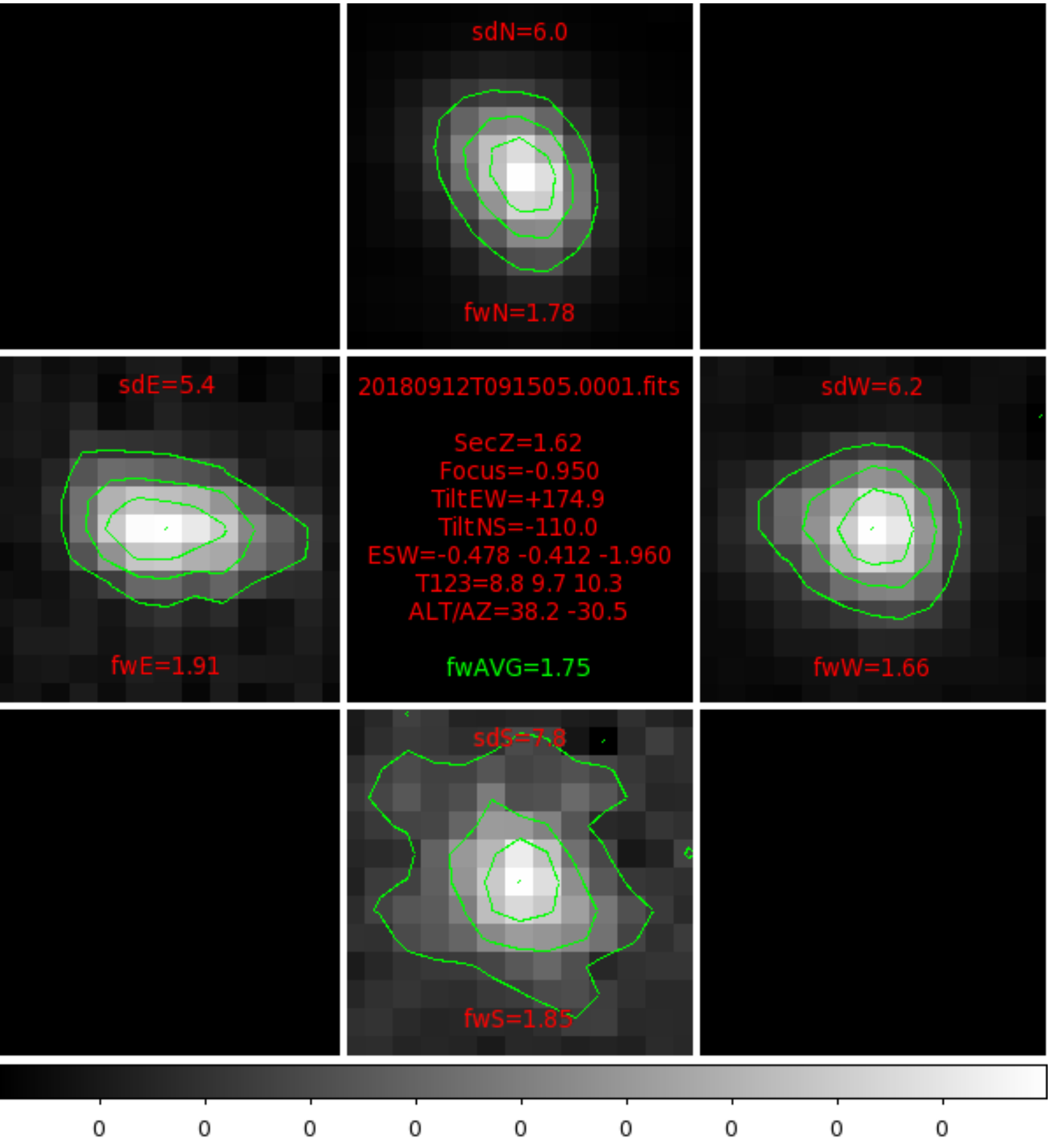
sdN=6.0
fwN=1.78
sdE=5.4
fwE=1.91
20180912T091505.0001.fits
SecZ=1.62
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.8 9.7 10.3
ALT/AZ=38.2 -30.5
fwAVG=1.75
sdW=6.2
fwW=1.66
sdS=7.8
fwS=1.85
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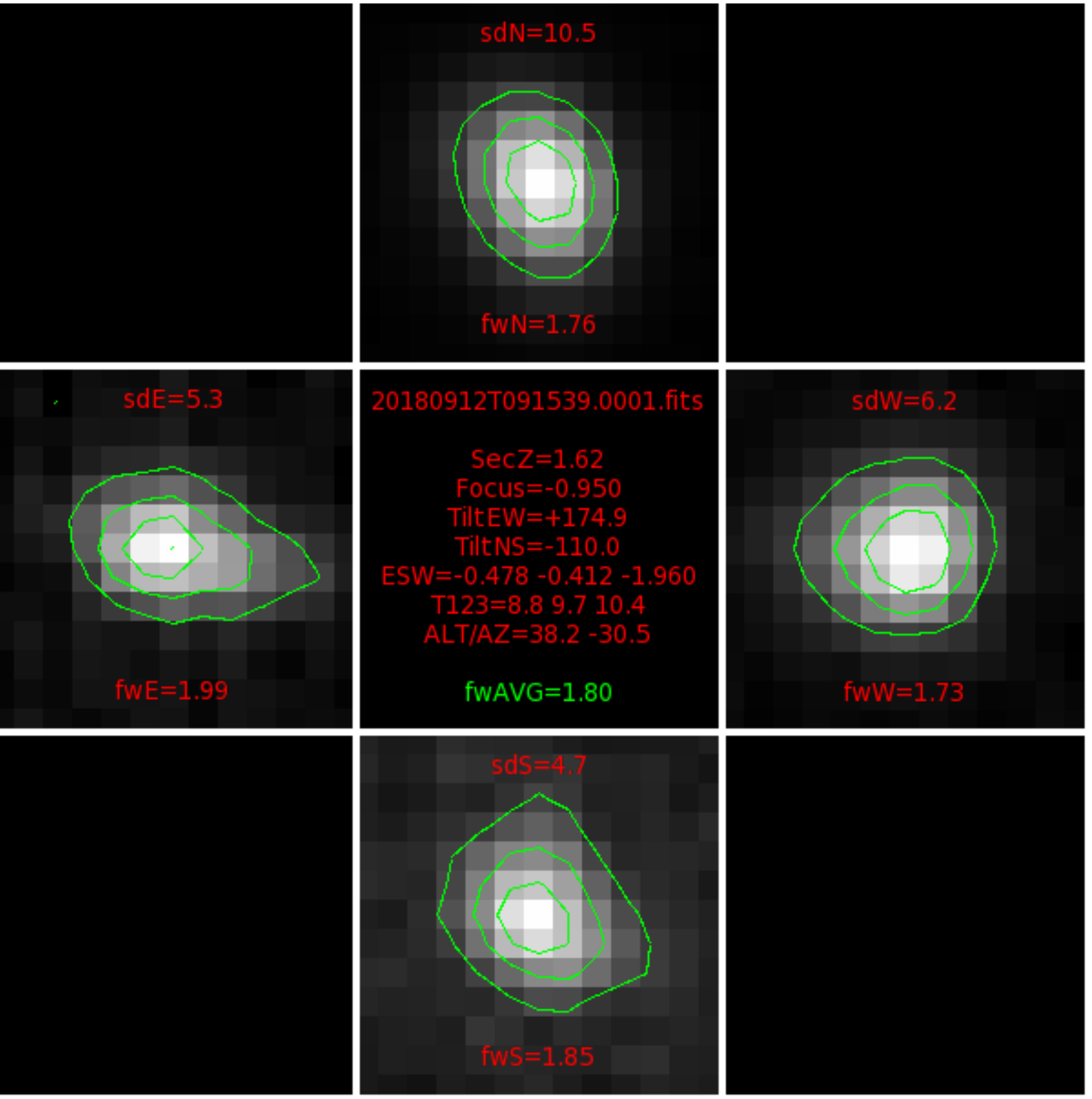
sdN=10.5
fwN=1.76
sdE=5.3
fwE=1.99
20180912T091539.0001.fits
SecZ=1.62
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.8 9.7 10.4
ALT/AZ=38.2 -30.5
fwAVG=1.80
sdW=6.2
fwW=1.73
sdS=4.7
fwS=1.85
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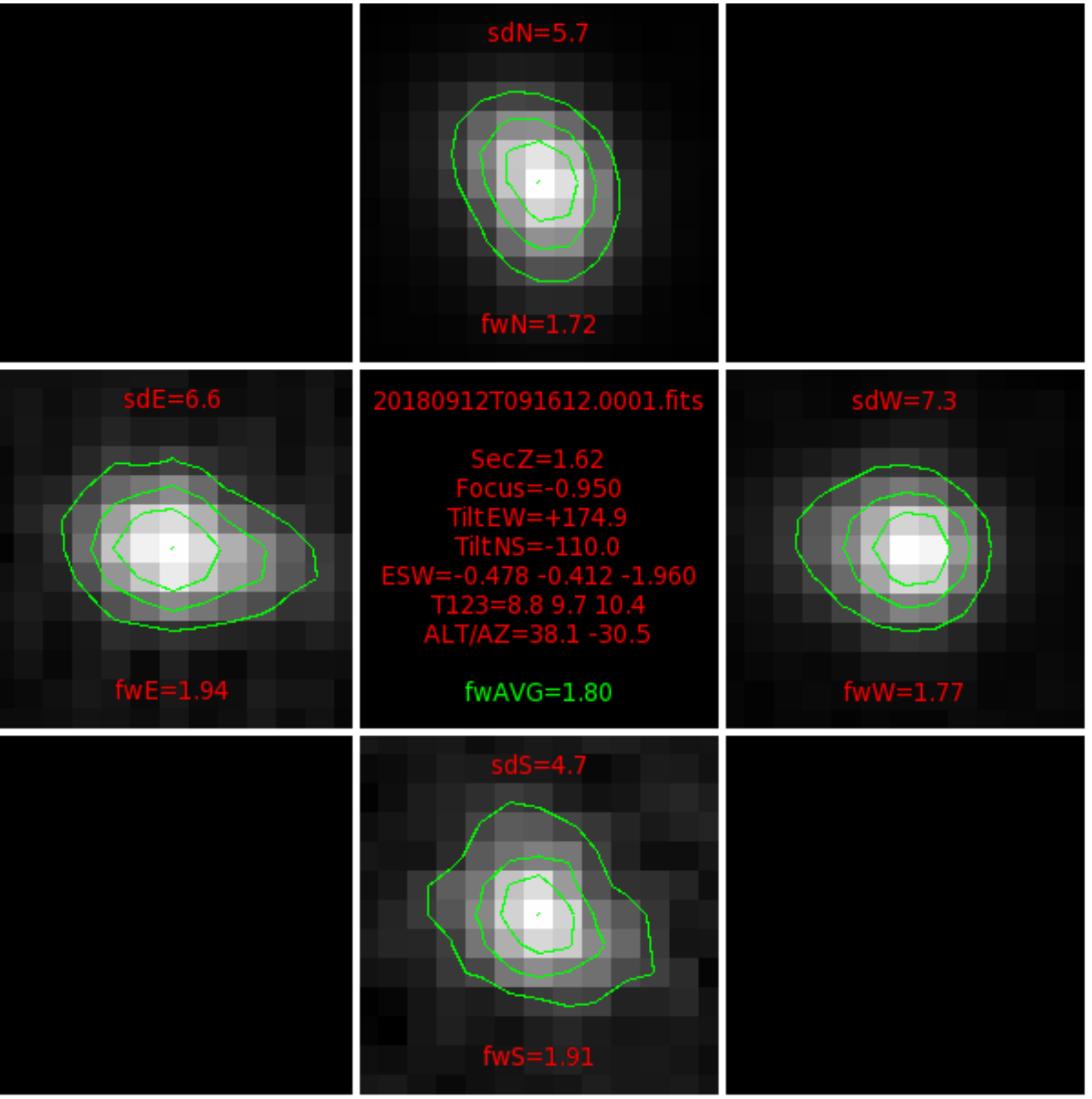
sdN=5.7
fwN=1.72
sdE=6.6
fwE=1.94
20180912T091612.0001.fits
SecZ=1.62
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.8 9.7 10.4
ALT/AZ=38.1 -30.5
fwAVG=1.80
sdW=7.3
fwW=1.77
sdS=4.7
fwS=1.91
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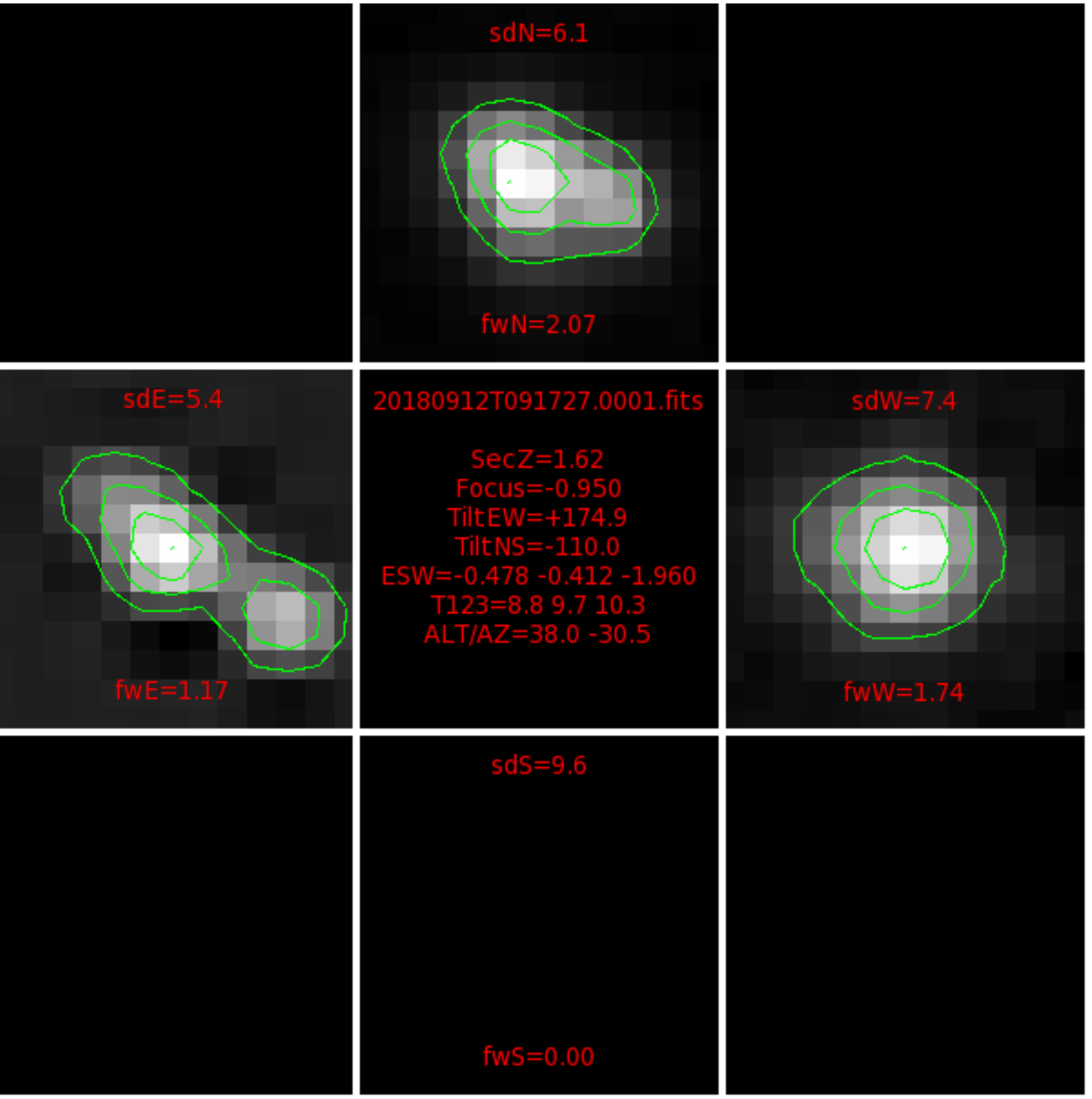
sdN=6.1
fwN=2.07
sdE=5.4
fwE=1.17
20180912T091727.0001.fits
SecZ=1.62
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.8 9.7 10.3
ALT/AZ=38.0 -30.5
sdW=7.4
fwW=1.74
sdS=9.6
fwS=0.00
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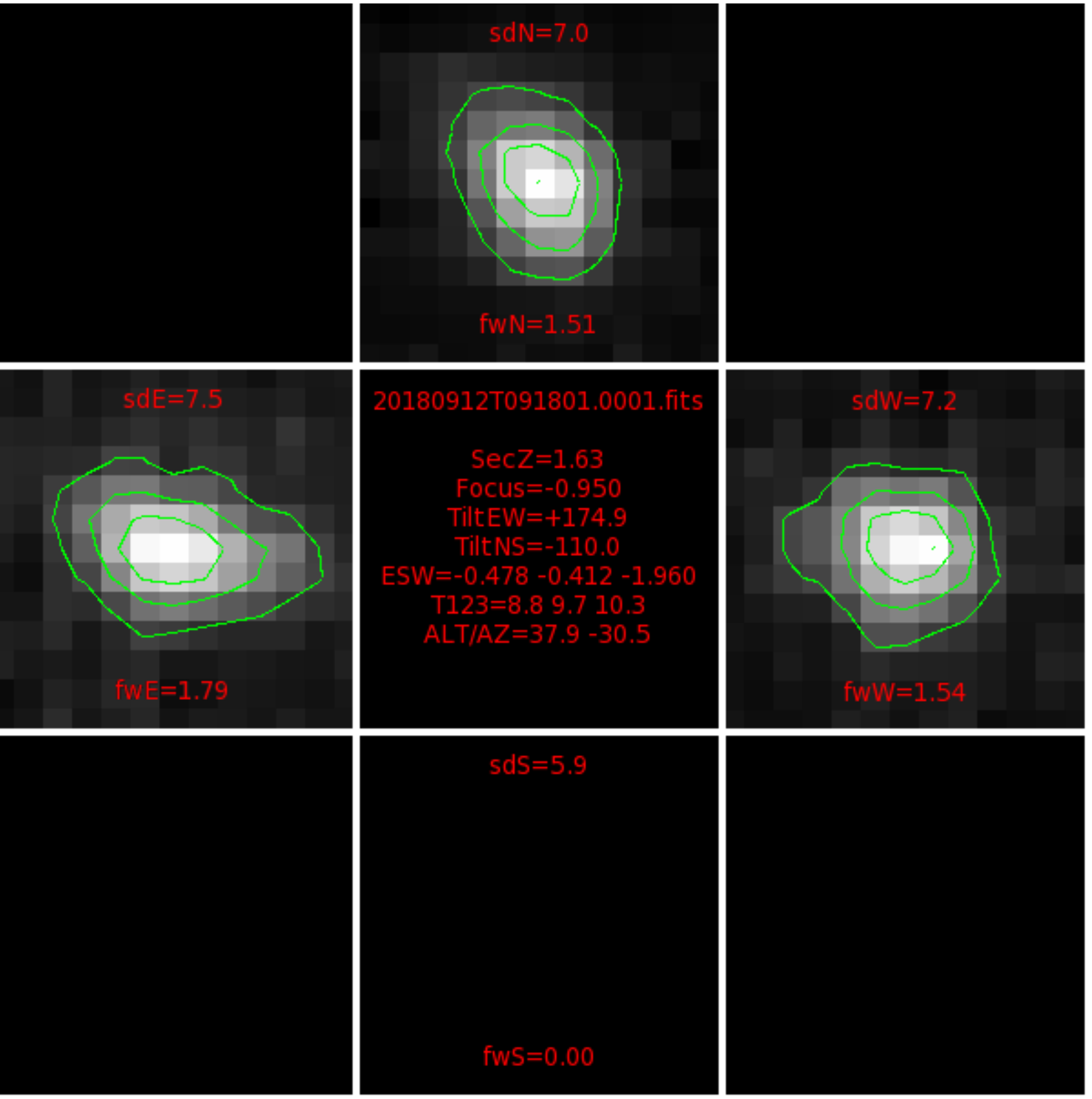
sdN=7.0
fwN=1.51
sdE=7.5
fwE=1.79
20180912T091801.0001.fits
SecZ=1.63
Focus=-0.950
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.478 -0.412 -1.960
T123=8.8 9.7 10.3
ALT/AZ=37.9 -30.5
sdW=7.2
fwW=1.54
sdS=5.9
fwS=0.00
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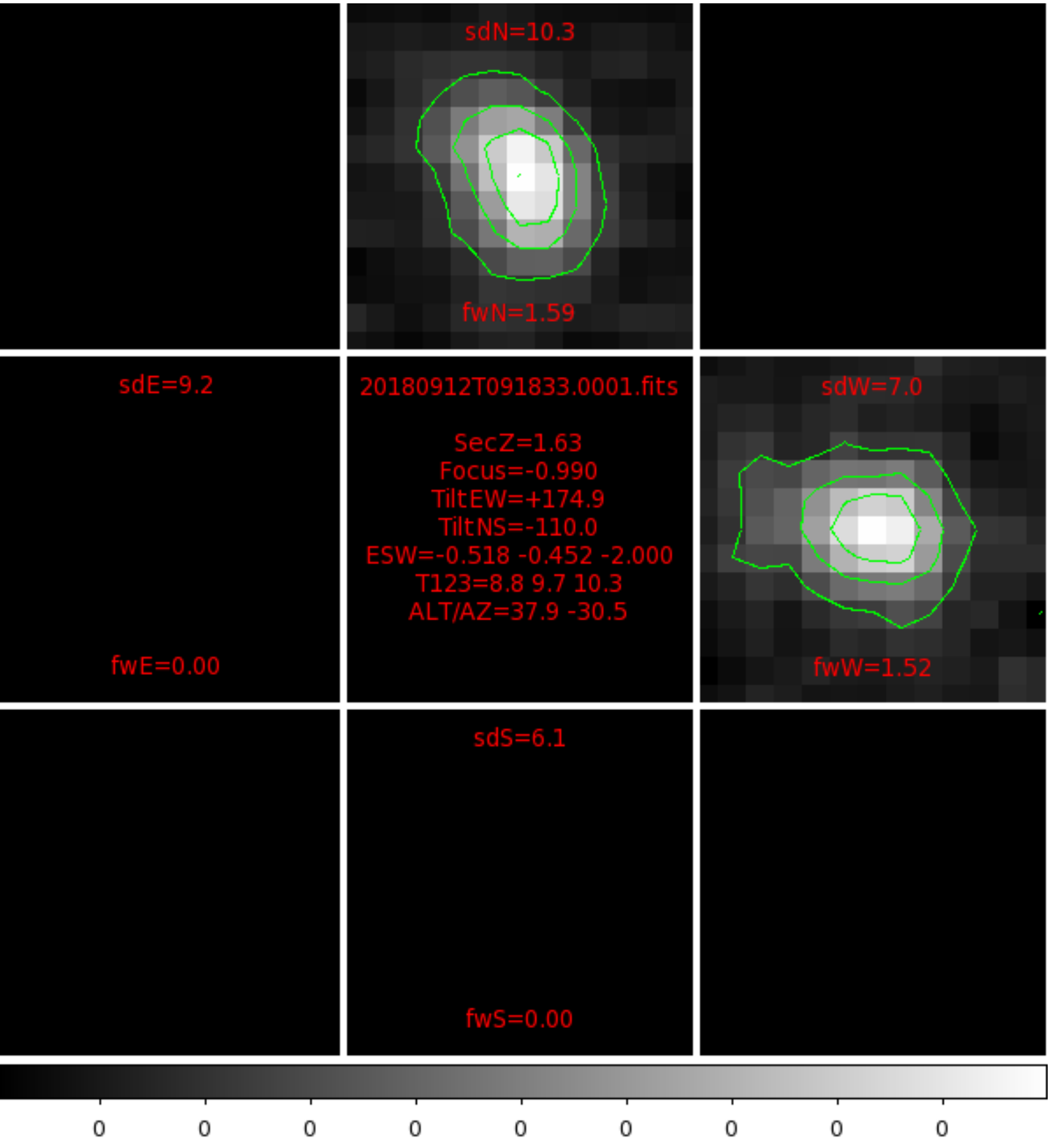
sdN=10.3
fwN=1.59
sdE=9.2
fwE=0.00
20180912T091833.0001.fits
SecZ=1.63
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.3
ALT/AZ=37.9 -30.5
sdW=7.0
fwW=1.52
sdS=6.1
fwS=0.00
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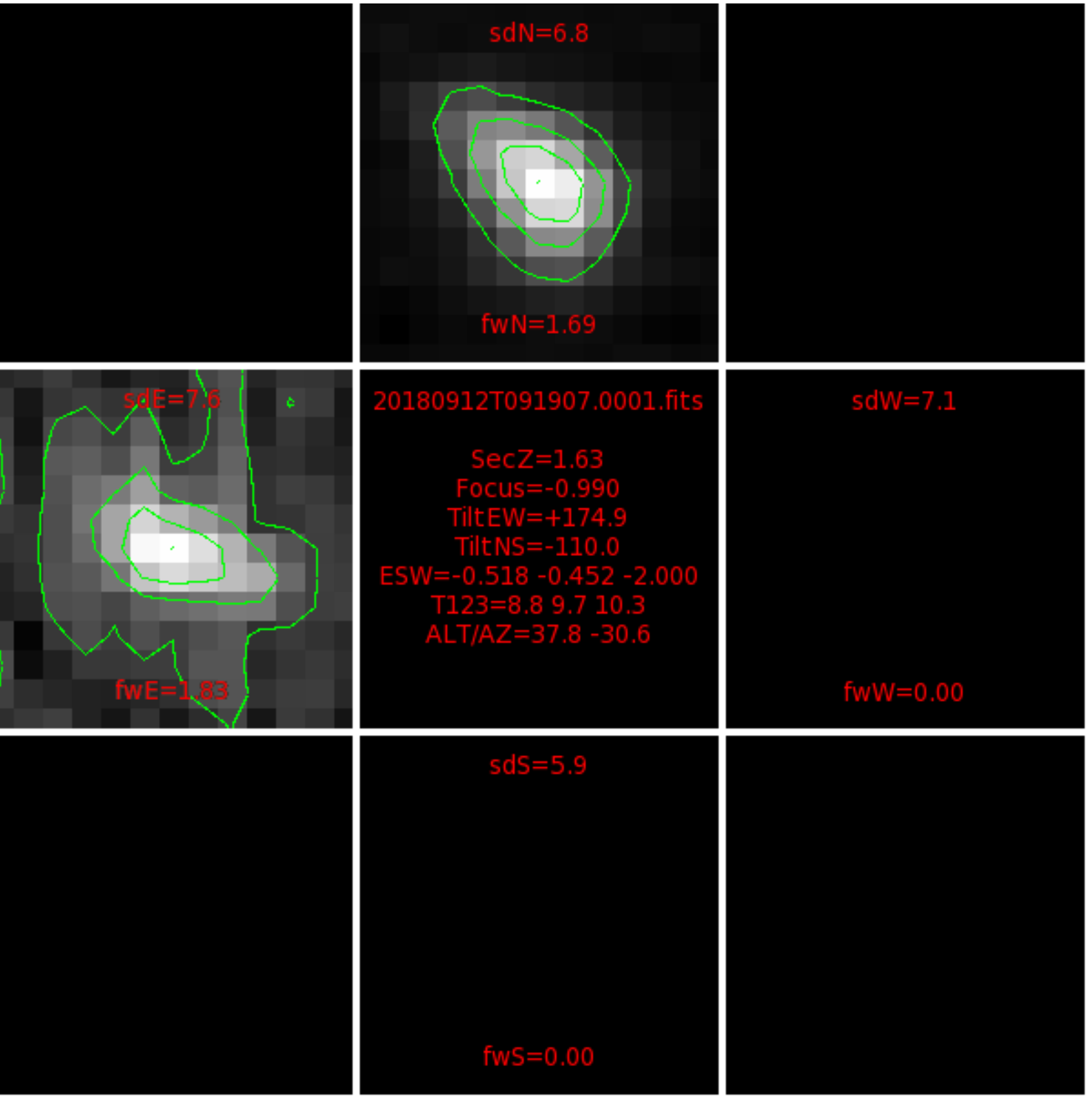
sdN=6.8
fwN=1.69
sdE=7.6
fwE=1.83
20180912T091907.0001.fits
SecZ=1.63
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.3
ALT/AZ=37.8 -30.6
sdW=7.1
fwW=0.00
sdS=5.9
fwS=0.00
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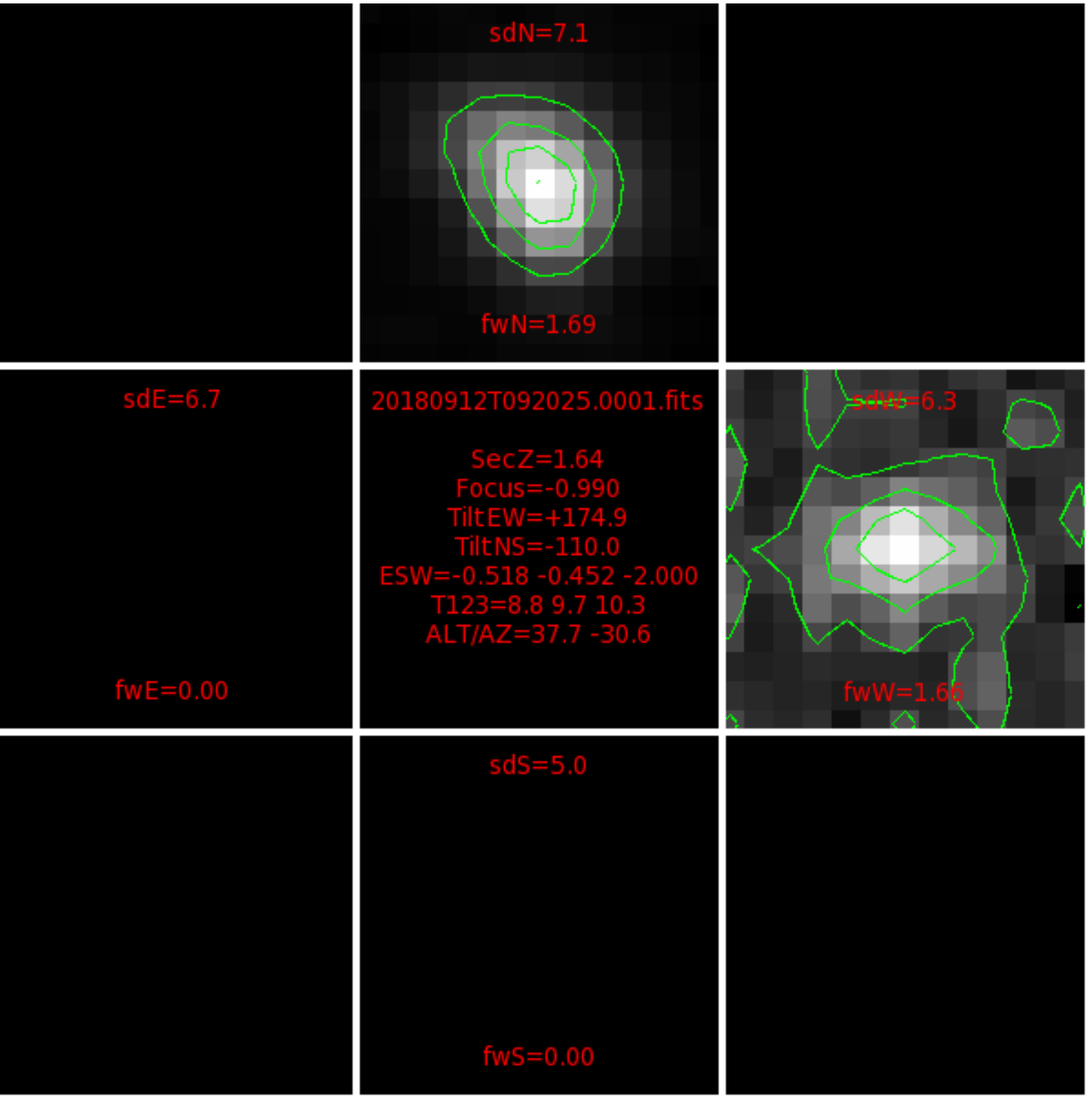
sdN=7.1
fwN=1.69
sdE=6.7
fwE=0.00
20180912T092025.0001.fits
SecZ=1.64
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.3
ALT/AZ=37.7 -30.6
sdW=6.3
fwW=1.66
sdS=5.0
fwS=0.00
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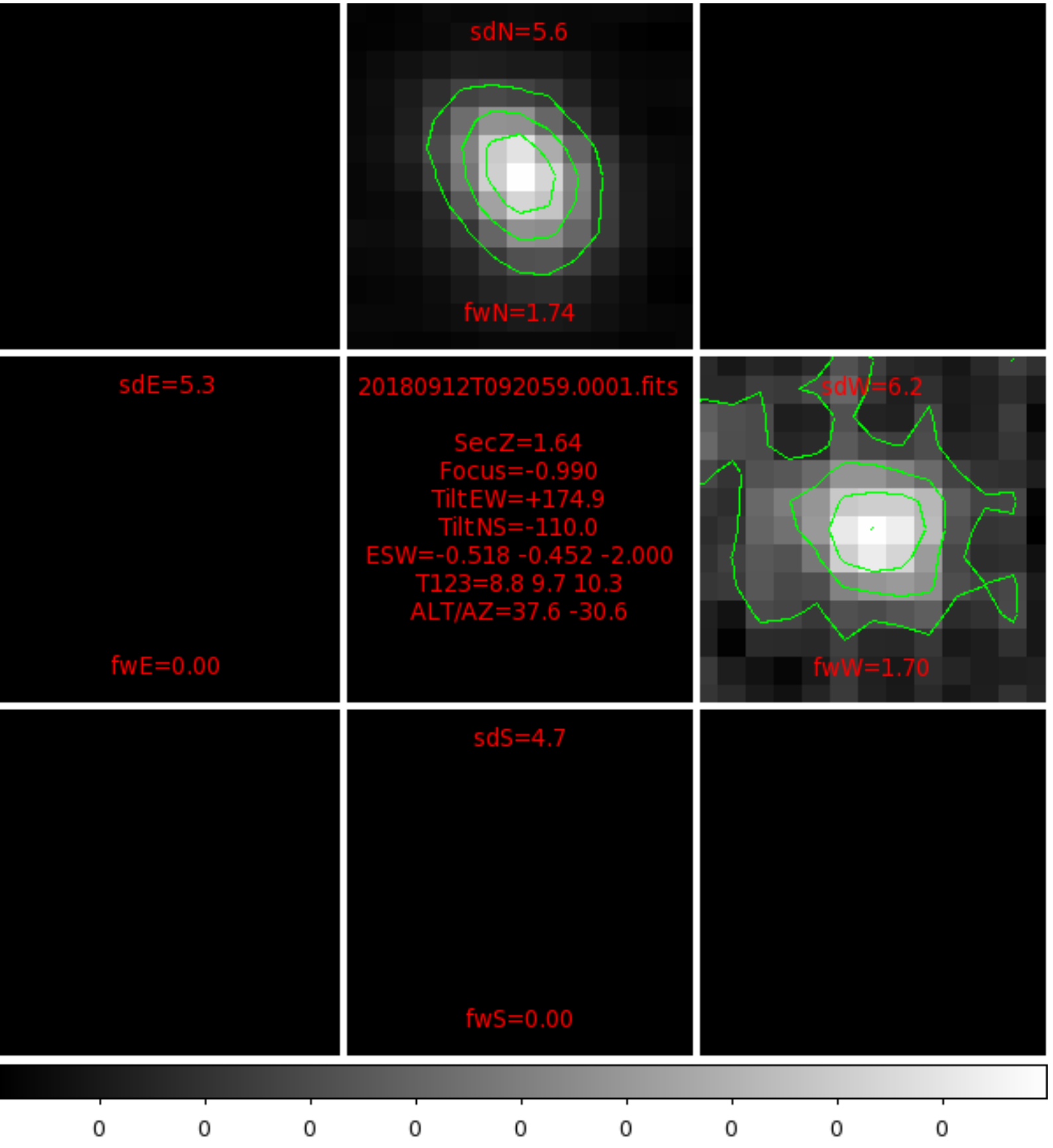
sdN=5.6
fwN=1.74
sdE=5.3
fwE=0.00
20180912T092059.0001.fits
SecZ=1.64
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.3
ALT/AZ=37.6 -30.6
sdW=6.2
fwW=1.70
sdS=4.7
fwS=0.00
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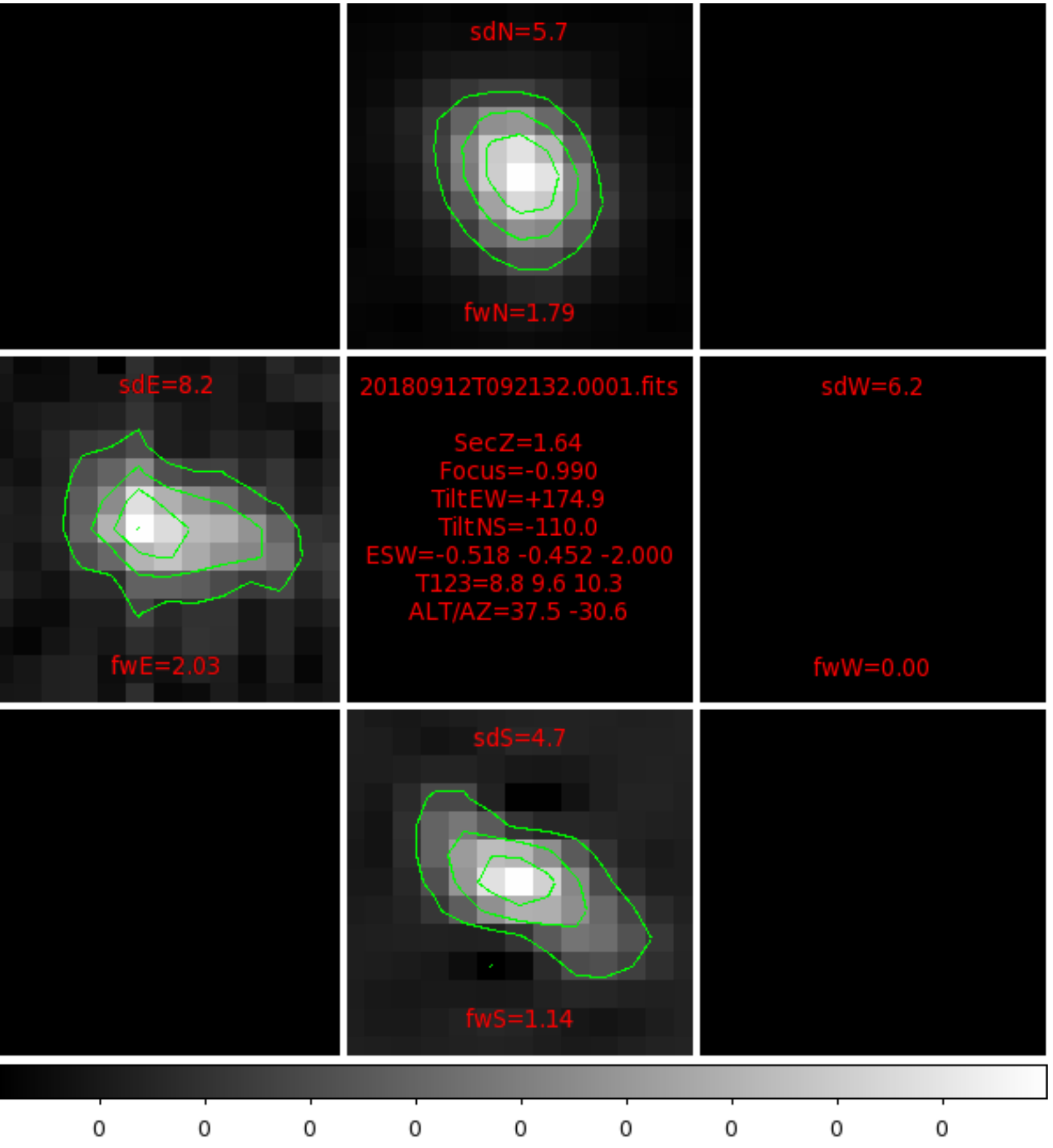
sdN=5.7
fwN=1.79
sdE=8.2
fwE=2.03
20180912T092132.0001.fits
SecZ=1.64
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.6 10.3
ALT/AZ=37.5 -30.6
sdW=6.2
fwW=0.00
sdS=4.7
fwS=1.14
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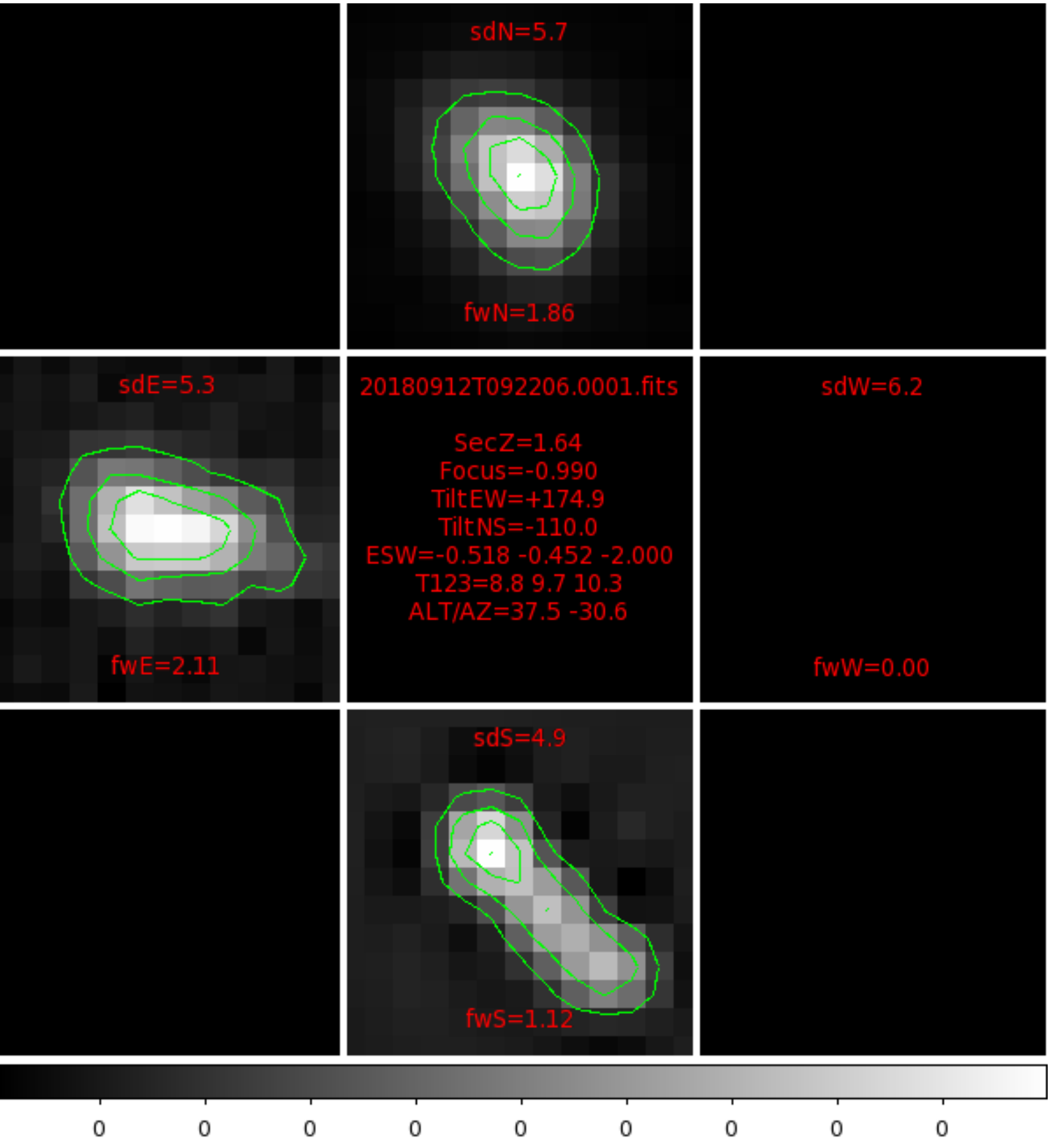
sdN=5.7
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fwE=2.11
20180912T092206.0001.fits
SecZ=1.64
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.3
ALT/AZ=37.5 -30.6
sdW=6.2
fwW=0.00
sdS=4.9
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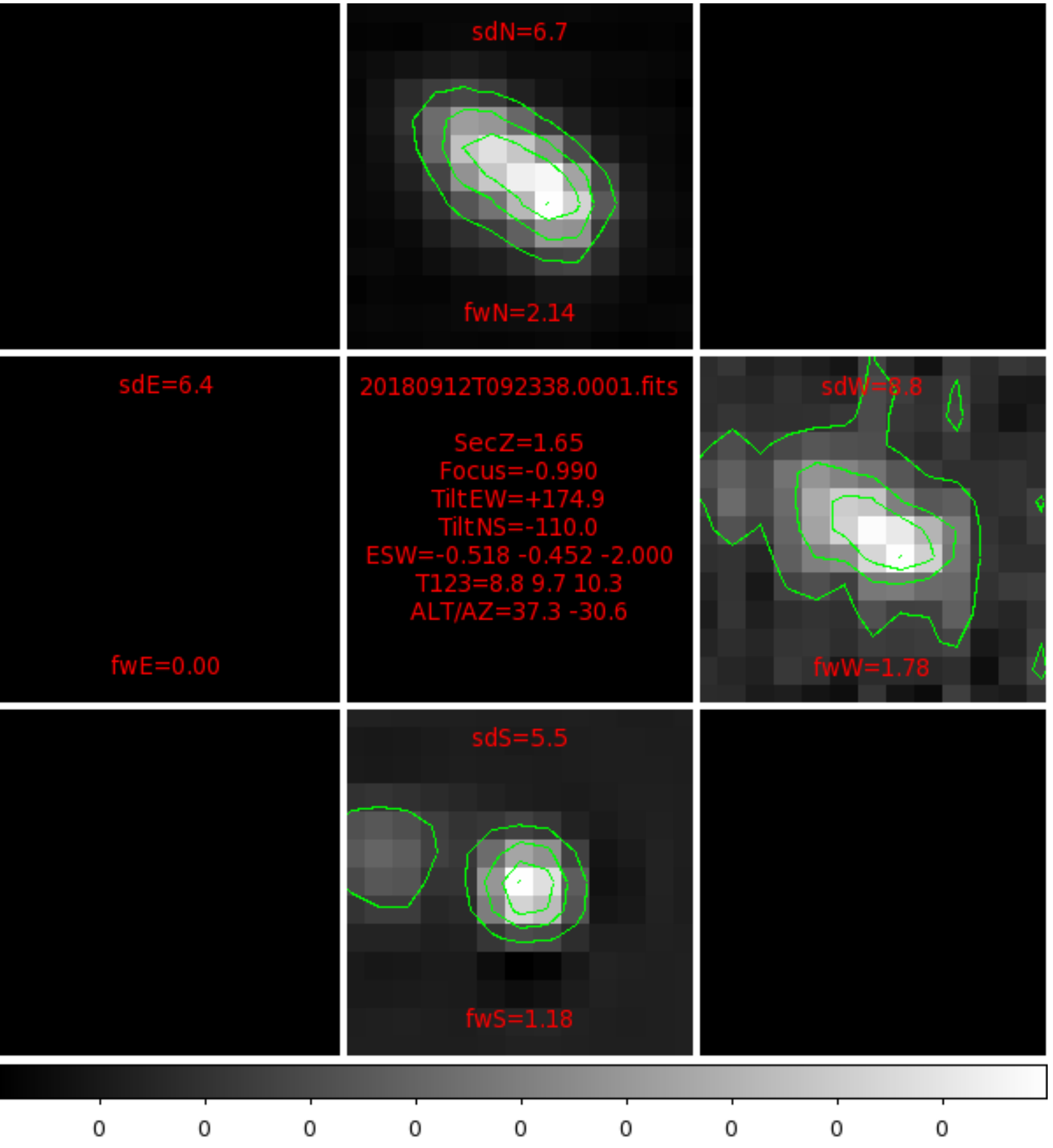
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sdE=6.4
fwE=0.00
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SecZ=1.65
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.3
ALT/AZ=37.3 -30.6
sdW=8.8
fwW=1.78
sdS=5.5
fwS=1.18
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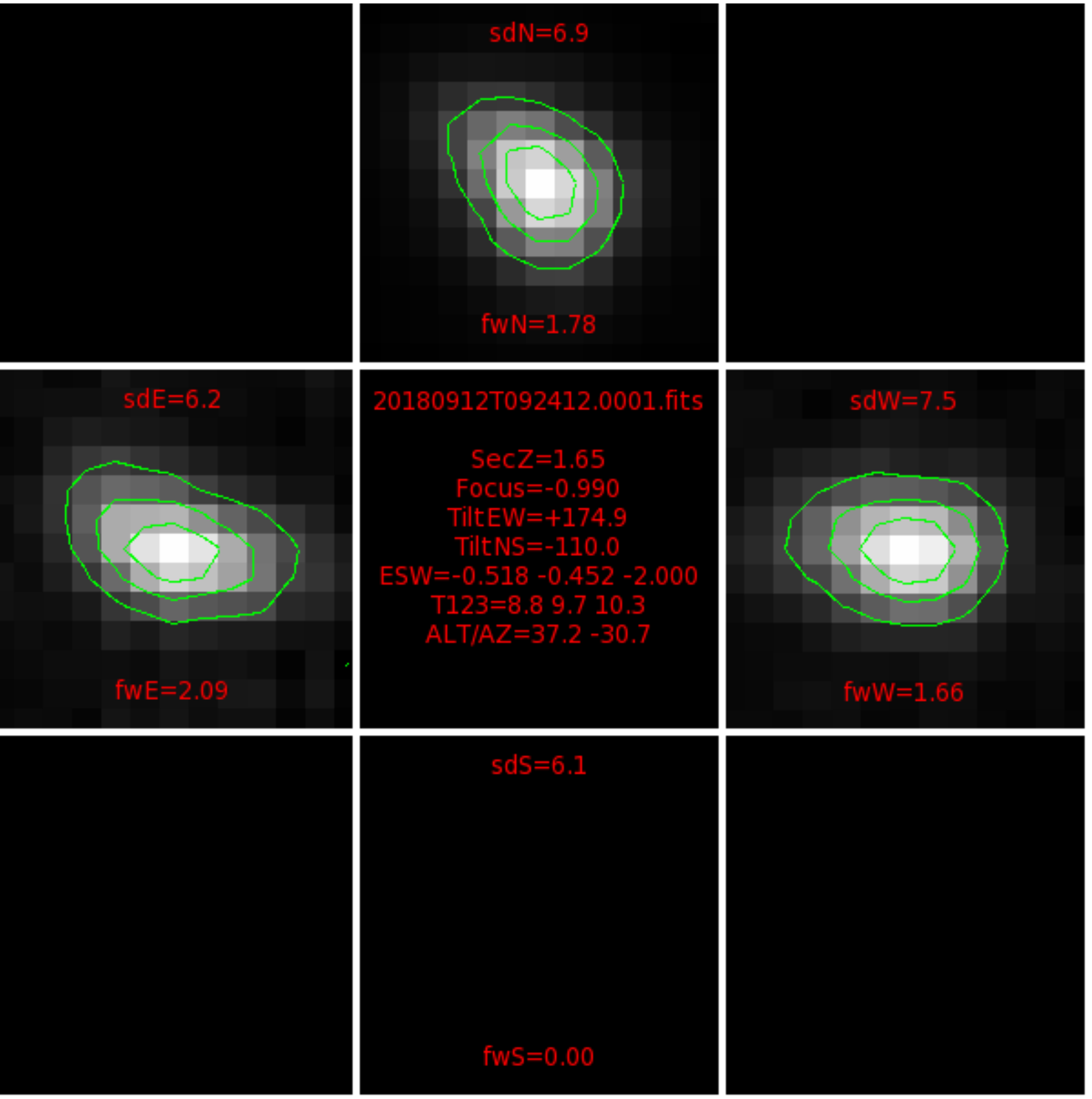
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sdE=6.2
fwE=2.09
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SecZ=1.65
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.3
ALT/AZ=37.2 -30.7
sdW=7.5
fwW=1.66
sdS=6.1
fwS=0.00
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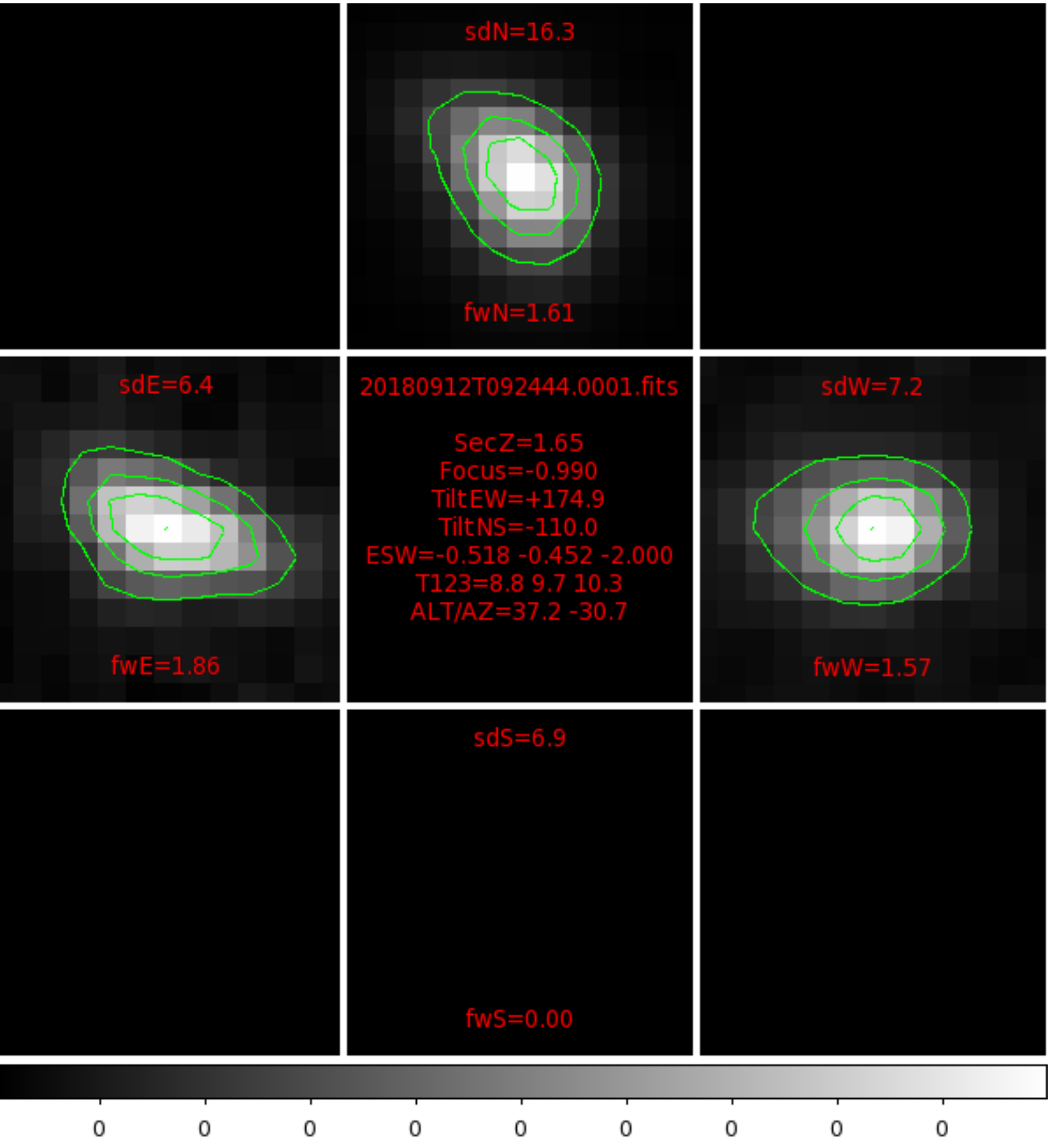
sdN=16.3
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sdE=6.4
fwE=1.86
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SecZ=1.65
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.3
ALT/AZ=37.2 -30.7
sdW=7.2
fwW=1.57
sdS=6.9
fwS=0.00
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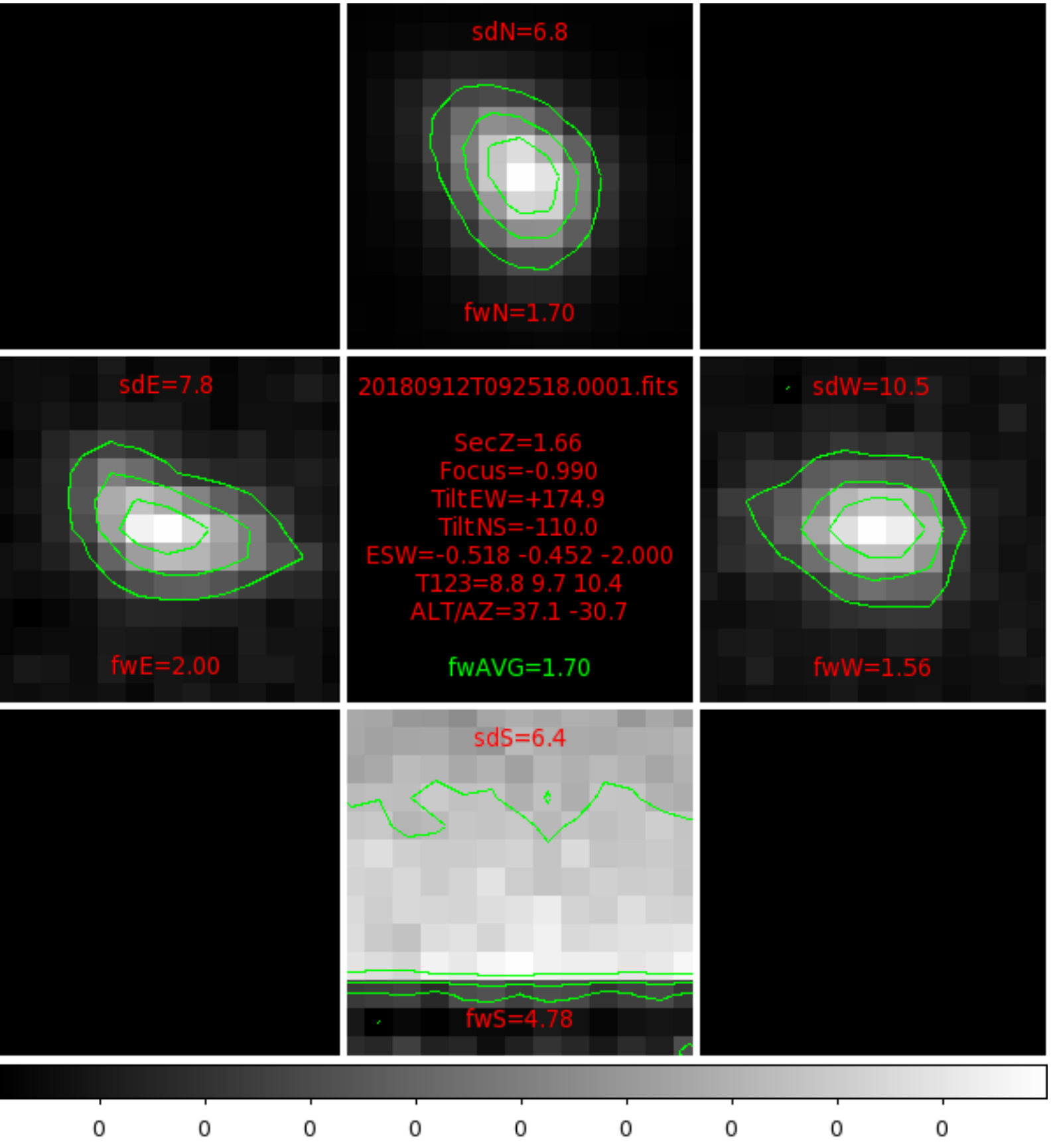
sdN=6.8
fwN=1.70
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fwE=2.00
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SecZ=1.66
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.4
ALT/AZ=37.1 -30.7
fwAVG=1.70
sdW=10.5
fwW=1.56
sdS=6.4
fwS=4.78
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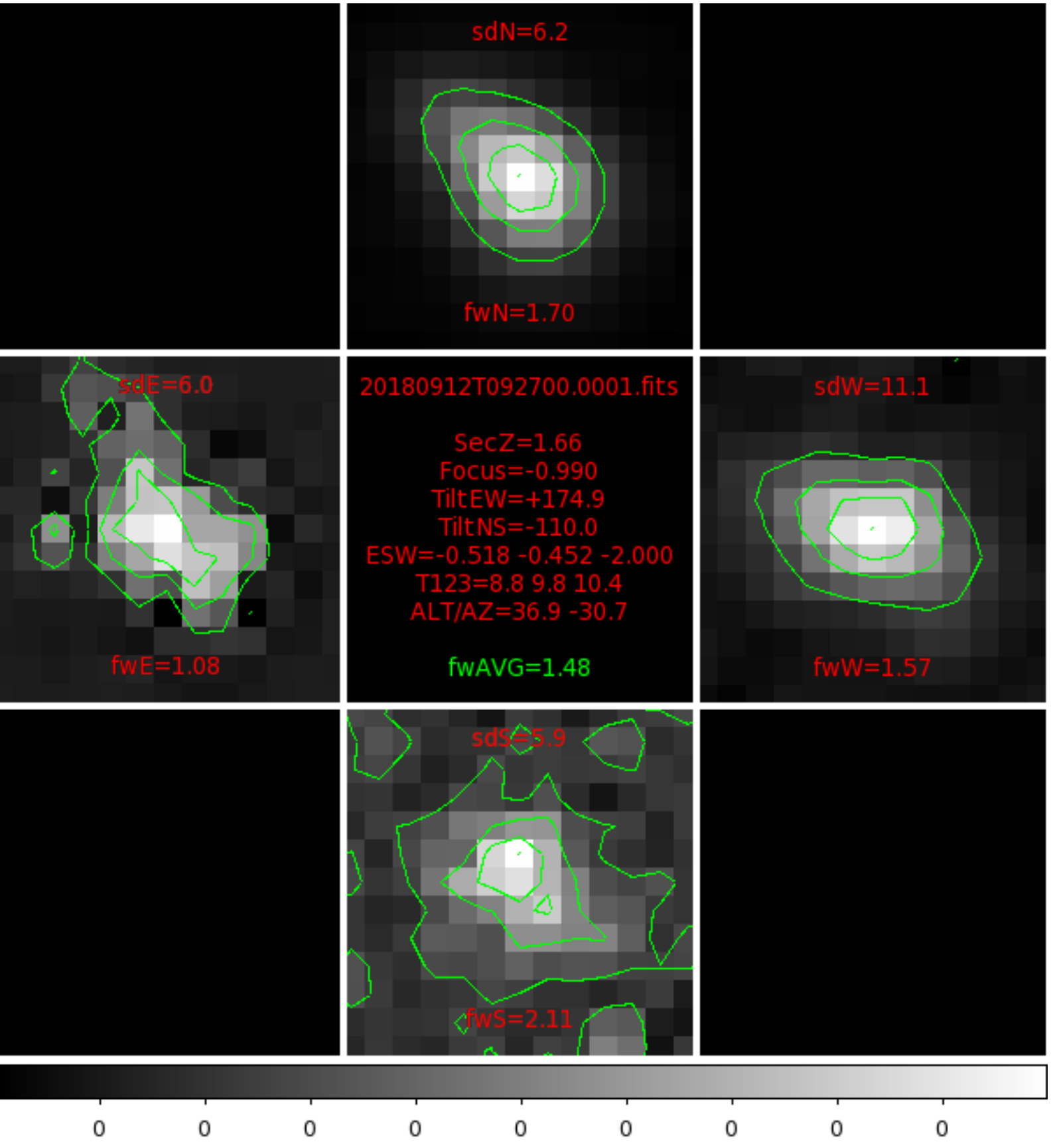
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fwN=1.70
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fwE=1.08
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SecZ=1.66
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.8 10.4
ALT/AZ=36.9 -30.7
fwAVG=1.48
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fwW=1.57
sdS=5.9
fwS=2.11
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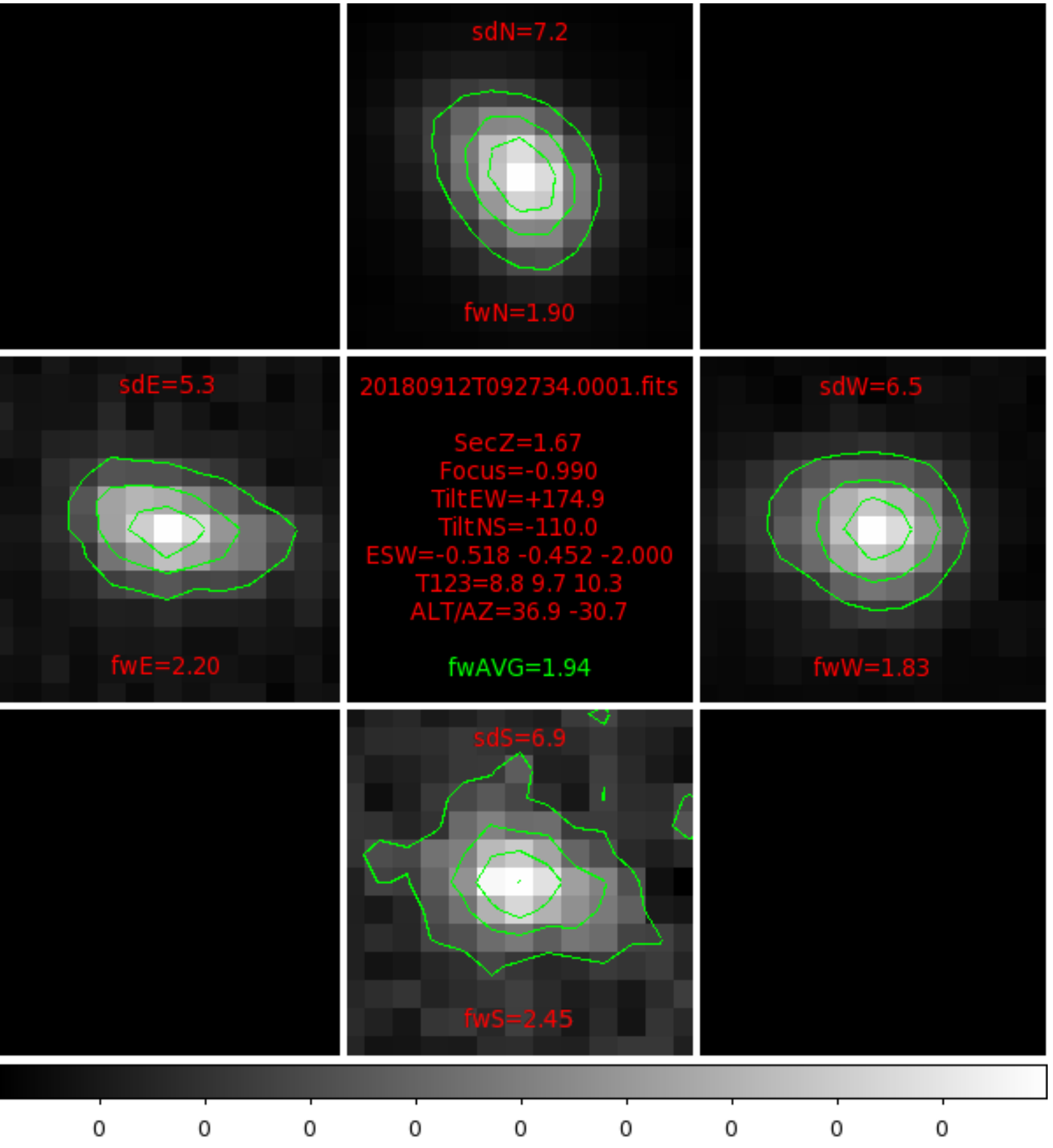
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sdE=5.3
fwE=2.20
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SecZ=1.67
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.3
ALT/AZ=36.9 -30.7
fwAVG=1.94
sdW=6.5
fwW=1.83
sdS=6.9
fwS=2.45
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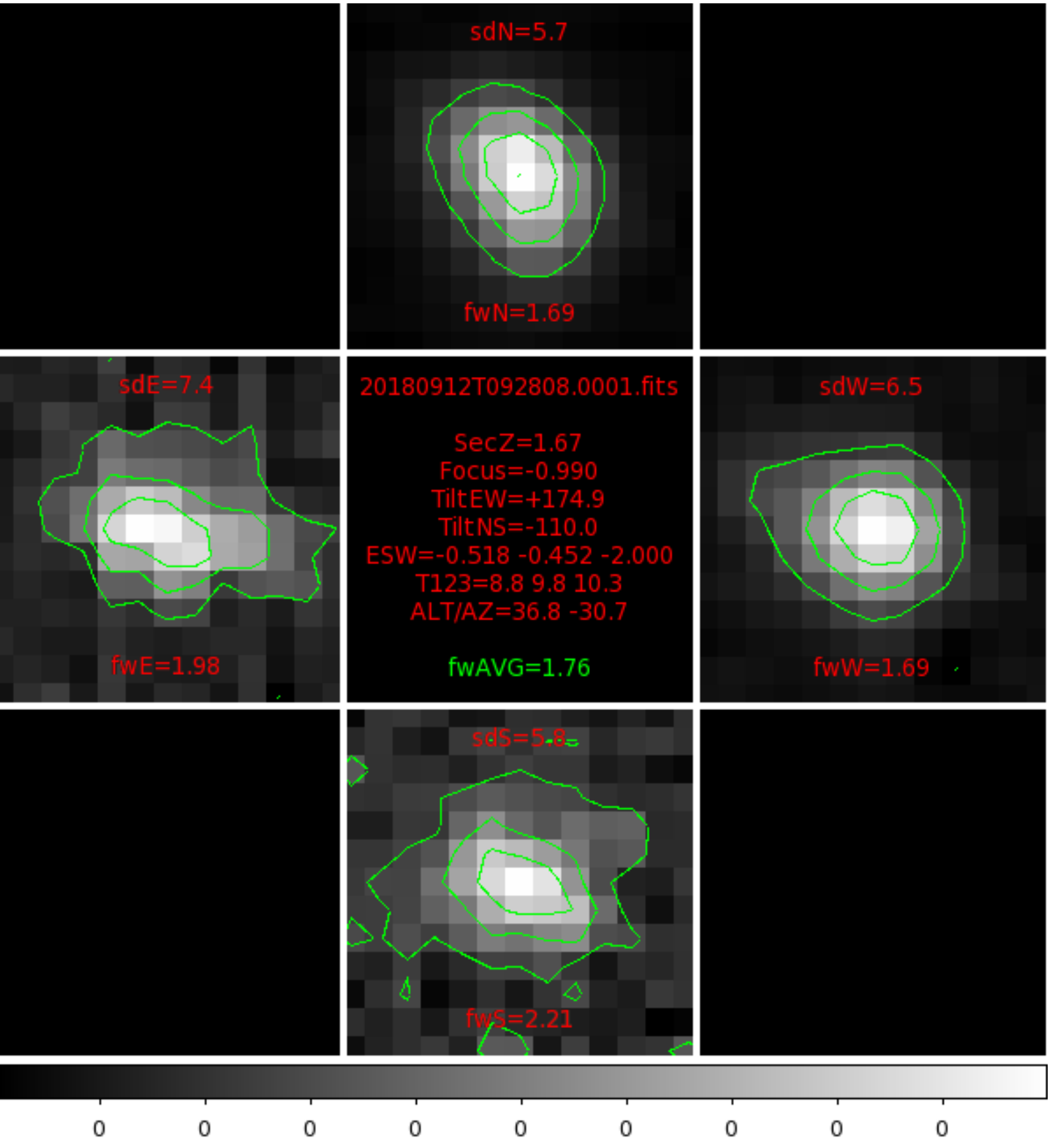
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sdE=7.4
fwE=1.98
20180912T092808.0001.fits
SecZ=1.67
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.8 10.3
ALT/AZ=36.8 -30.7
fwAVG=1.76
sdW=6.5
fwW=1.69
sdS=5.8
fwS=2.21
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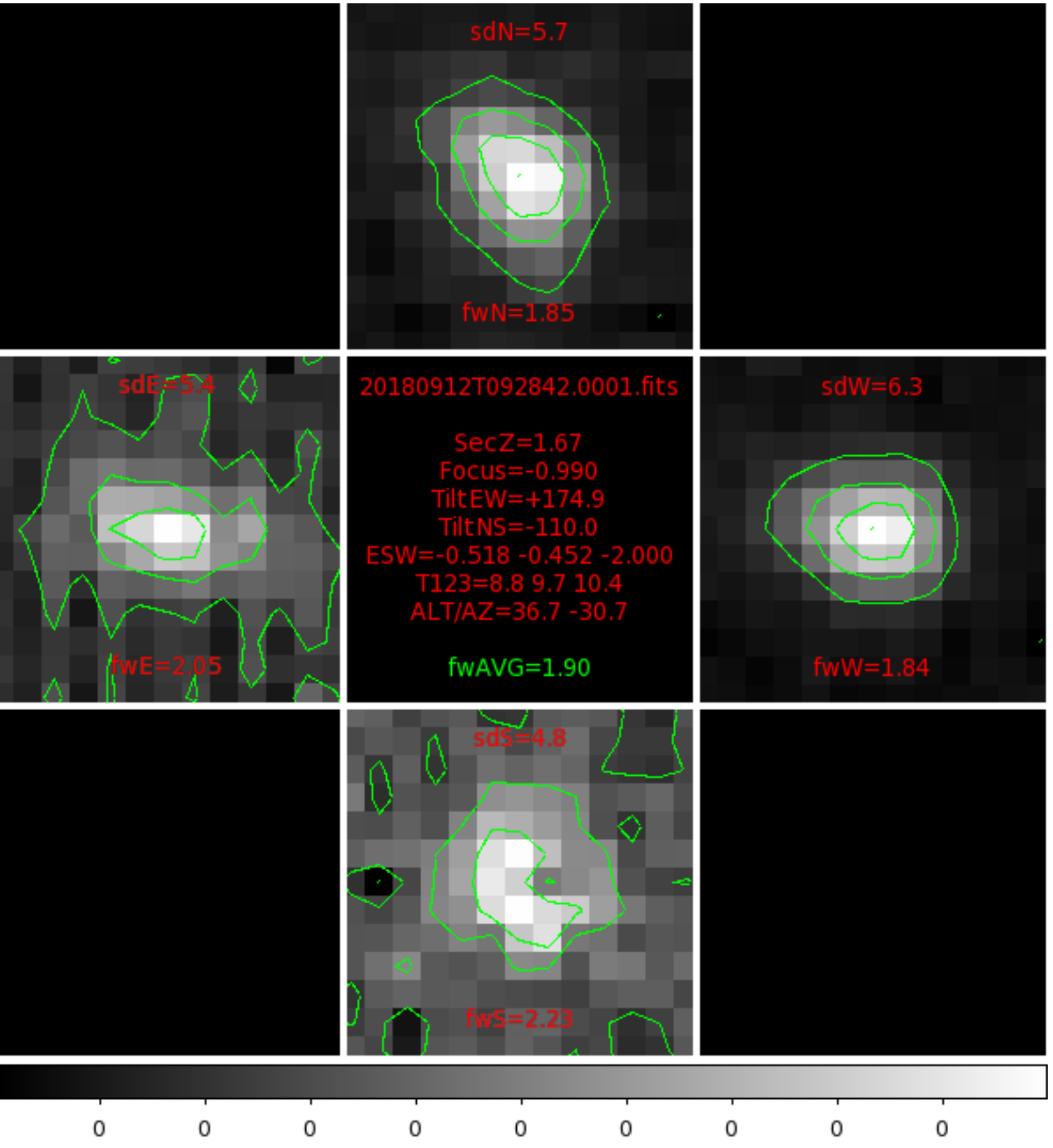
sdN=5.7
fwN=1.85
sdE=5.4
fwE=2.05
20180912T092842.0001.fits
SecZ=1.67
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.4
ALT/AZ=36.7 -30.7
fwAVG=1.90
sdW=6.3
fwW=1.84
sdS=4.8
fwS=2.23
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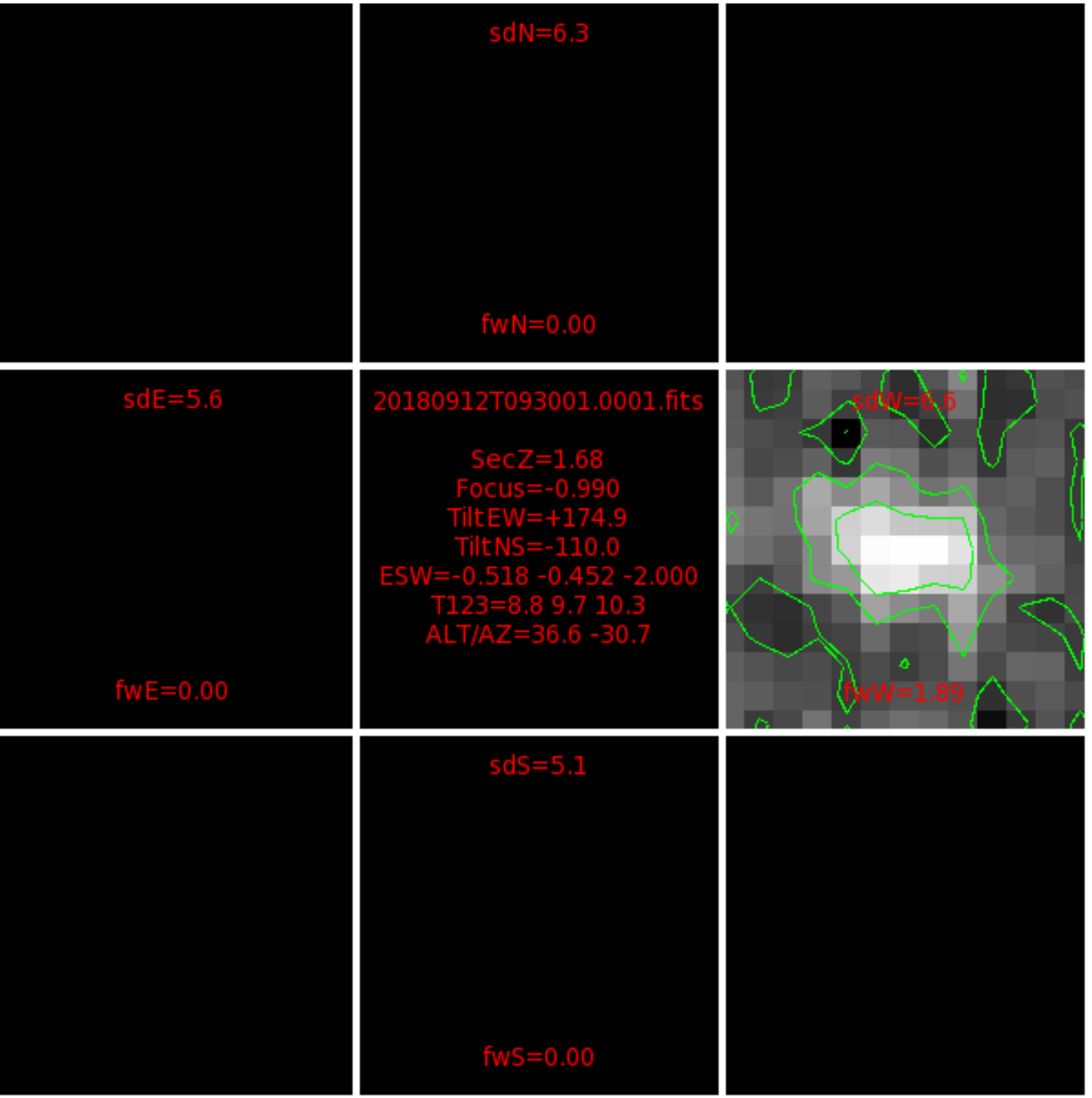
sdN=6.3
fwN=0.00
sdE=5.6
20180912T093001.0001.fits
SecZ=1.68
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.3
ALT/AZ=36.6 -30.7
sdW=6.6
fwE=0.00
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sdS=5.1
fwS=0.00
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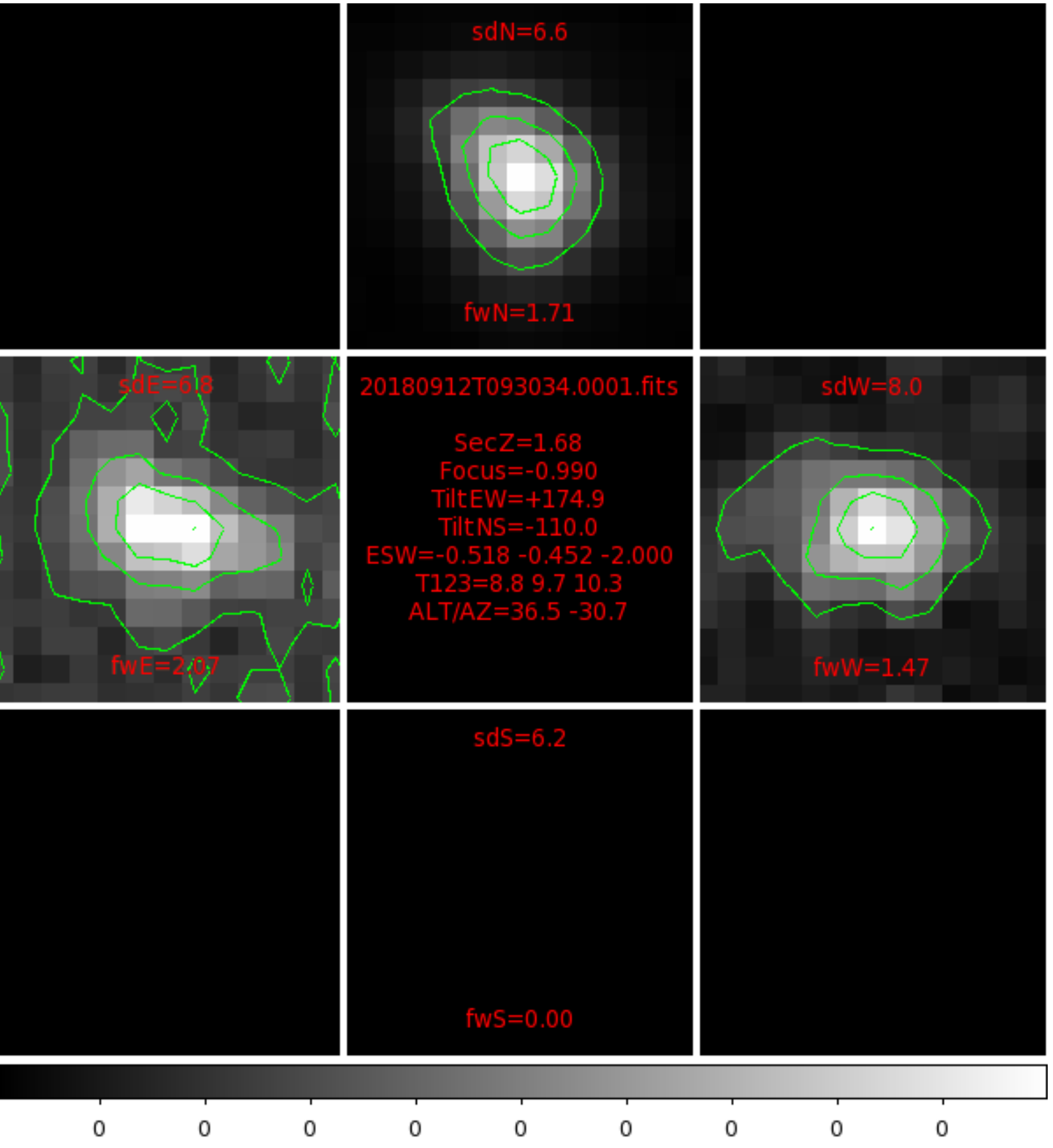
sdN=6.6
fwN=1.71
sdE=6.8
fwE=2.07
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SecZ=1.68
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.3
ALT/AZ=36.5 -30.7
sdW=8.0
fwW=1.47
sdS=6.2
fwS=0.00
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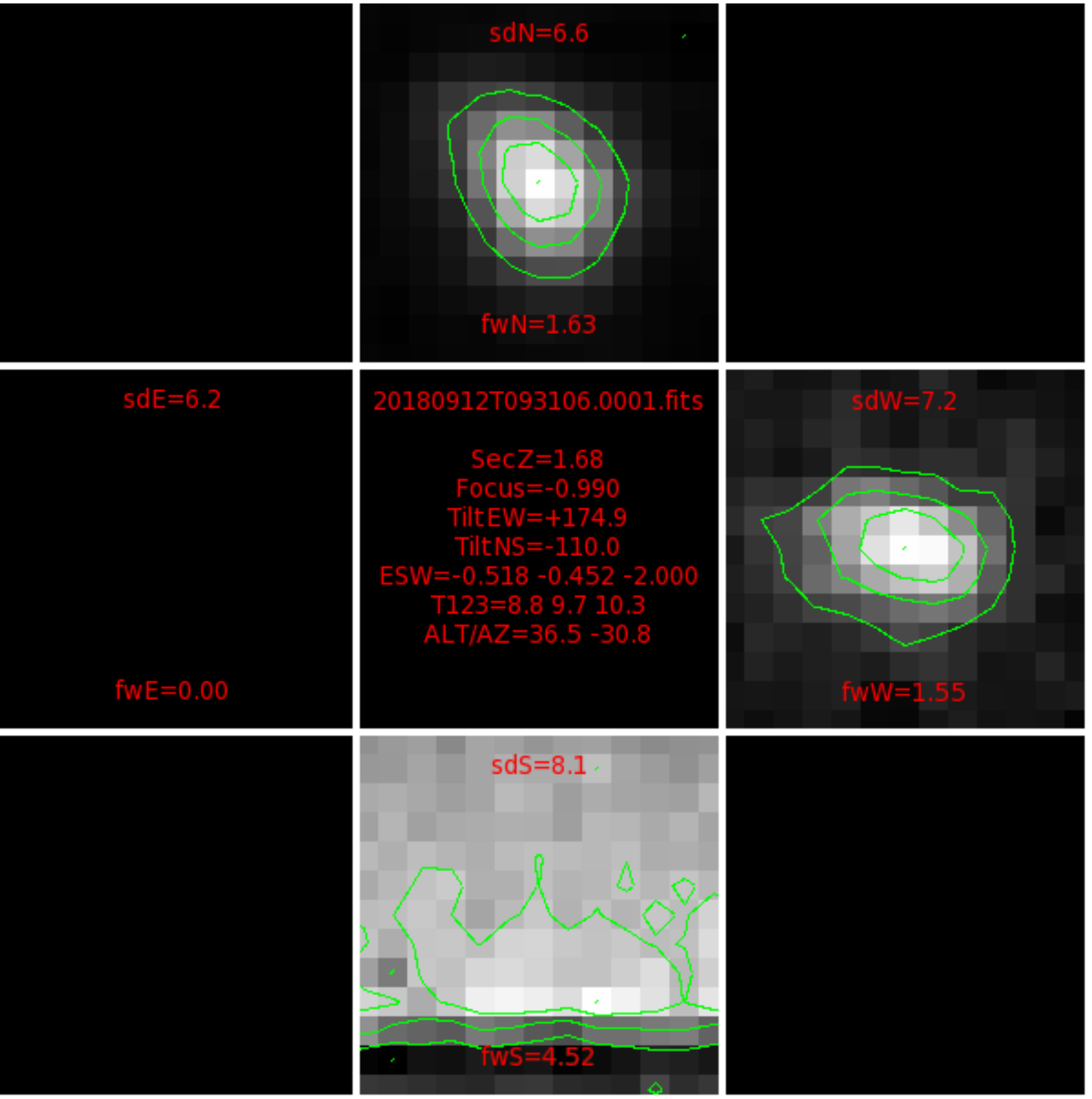
sdN=6.6
fwN=1.63
sdE=6.2
fwE=0.00
20180912T093106.0001.fits
SecZ=1.68
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.3
ALT/AZ=36.5 -30.8
sdW=7.2
fwW=1.55
sdS=8.1
fwS=4.52
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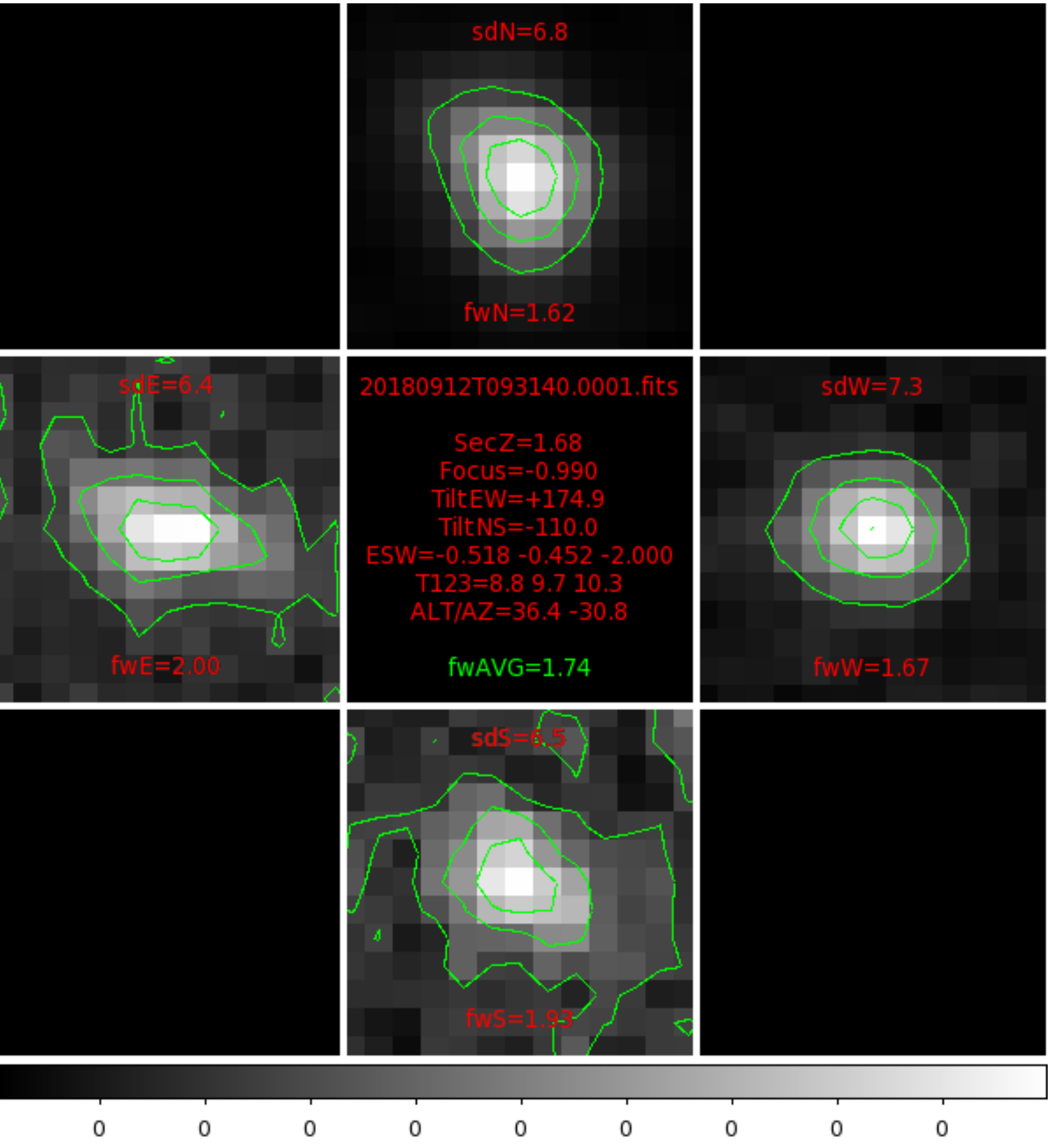
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fwN=1.62
sdE=6.4
fwE=2.00
20180912T093140.0001.fits
SecZ=1.68
Focus=-0.990
TiltEW=+174.9
TiltNS=-110.0
ESW=-0.518 -0.452 -2.000
T123=8.8 9.7 10.3
ALT/AZ=36.4 -30.8
fwAVG=1.74
sdW=7.3
fwW=1.67
sdS=6.5
fwS=1.93
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