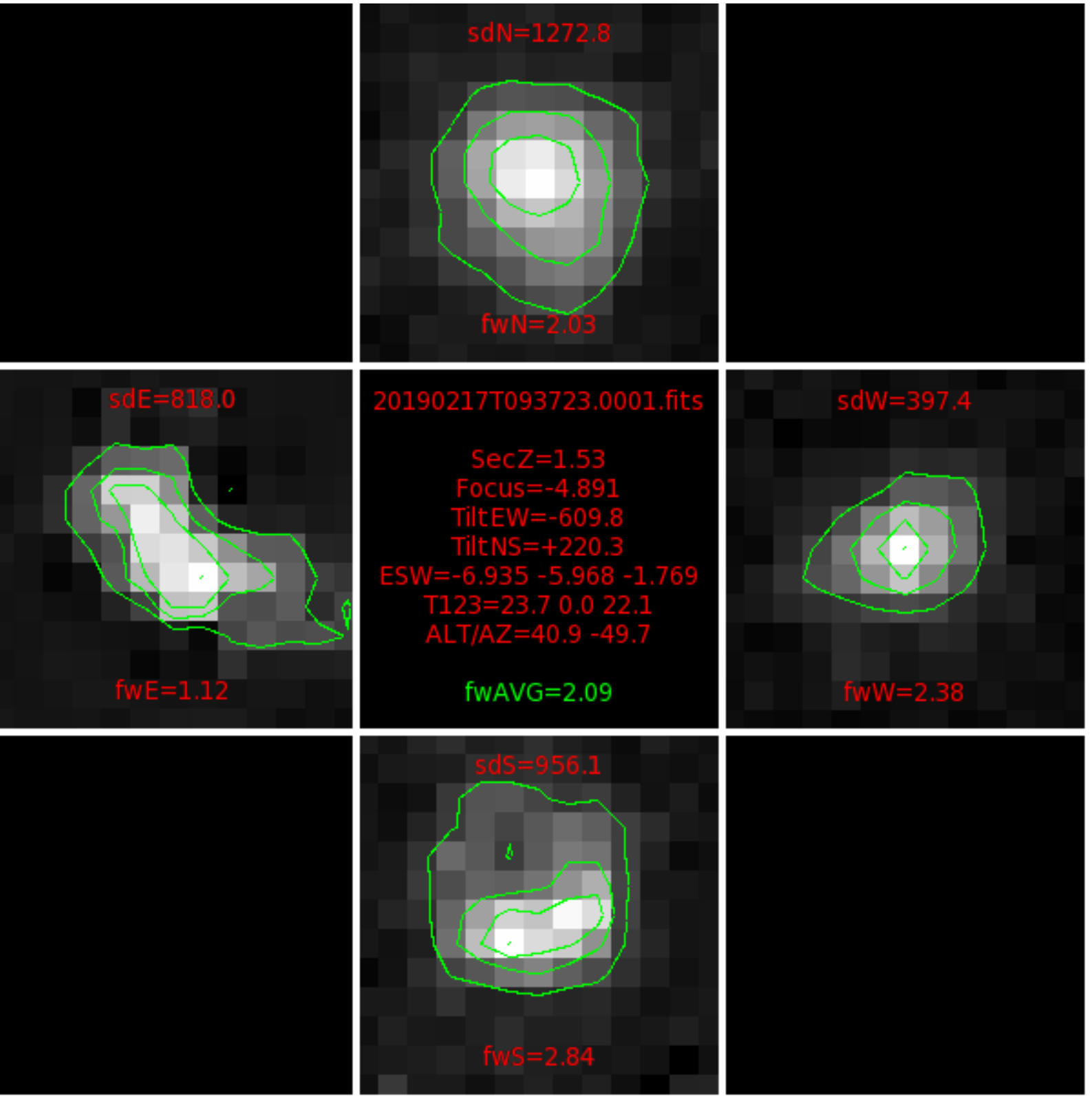
sdN=1272.8
fwN=2.03
sdE=818.0
fwE=1.12
20190217T093723.0001.fits
SecZ=1.53
Focus=-4.891
TiltEW=-609.8
TiltNS=+220.3
ESW=-6.935 -5.968 -1.769
T123=23.7 0.0 22.1
ALT/AZ=40.9 -49.7
fwAVG=2.09
sdW=397.4
fwW=2.38
sdS=956.1
fwS=2.84
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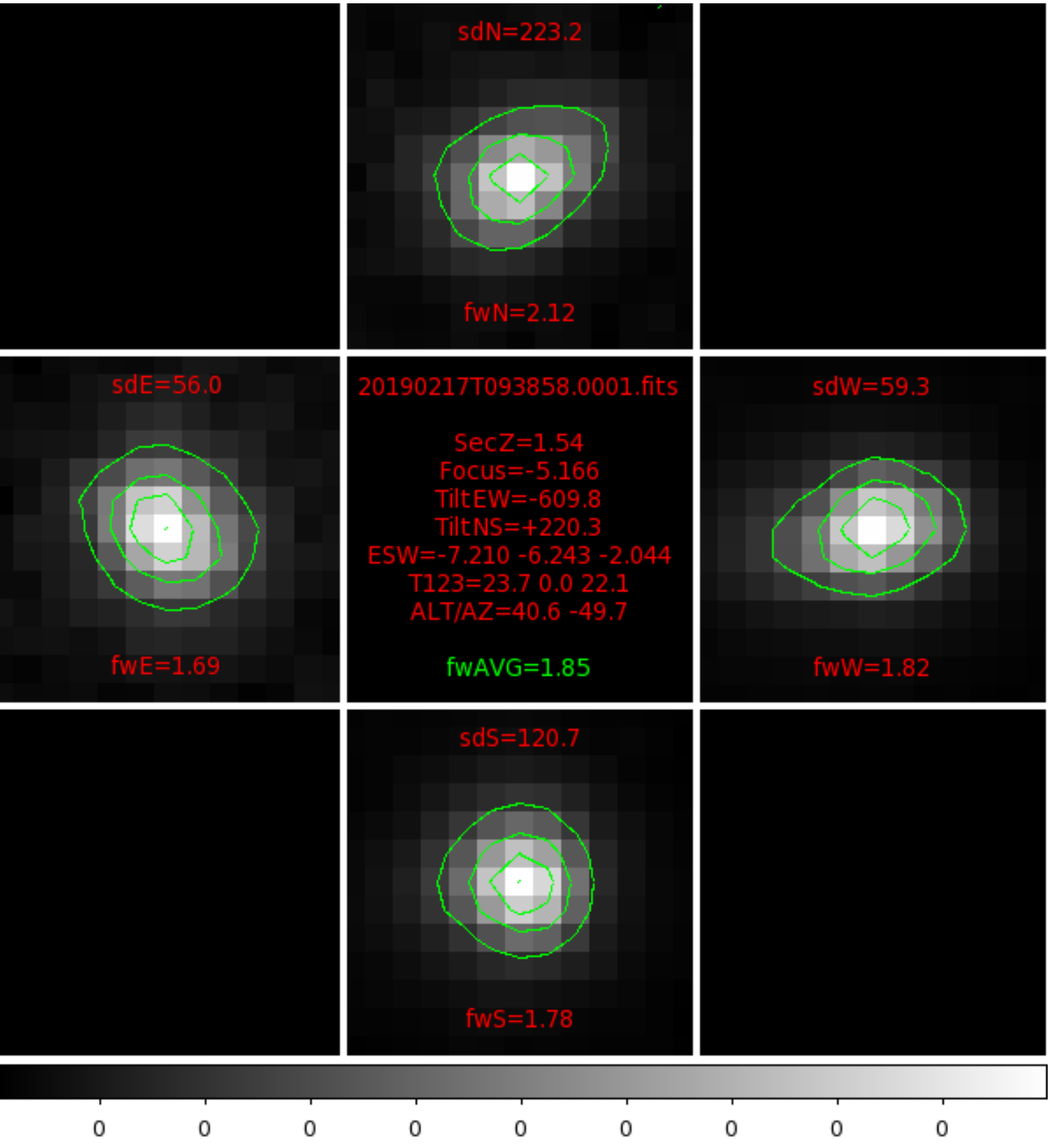
sdN=223.2
fwN=2.12
sdE=56.0
fwE=1.69
20190217T093858.0001.fits
SecZ=1.54
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.7 0.0 22.1
ALT/AZ=40.6 -49.7
fwAVG=1.85
sdW=59.3
fwW=1.82
sdS=120.7
fwS=1.78
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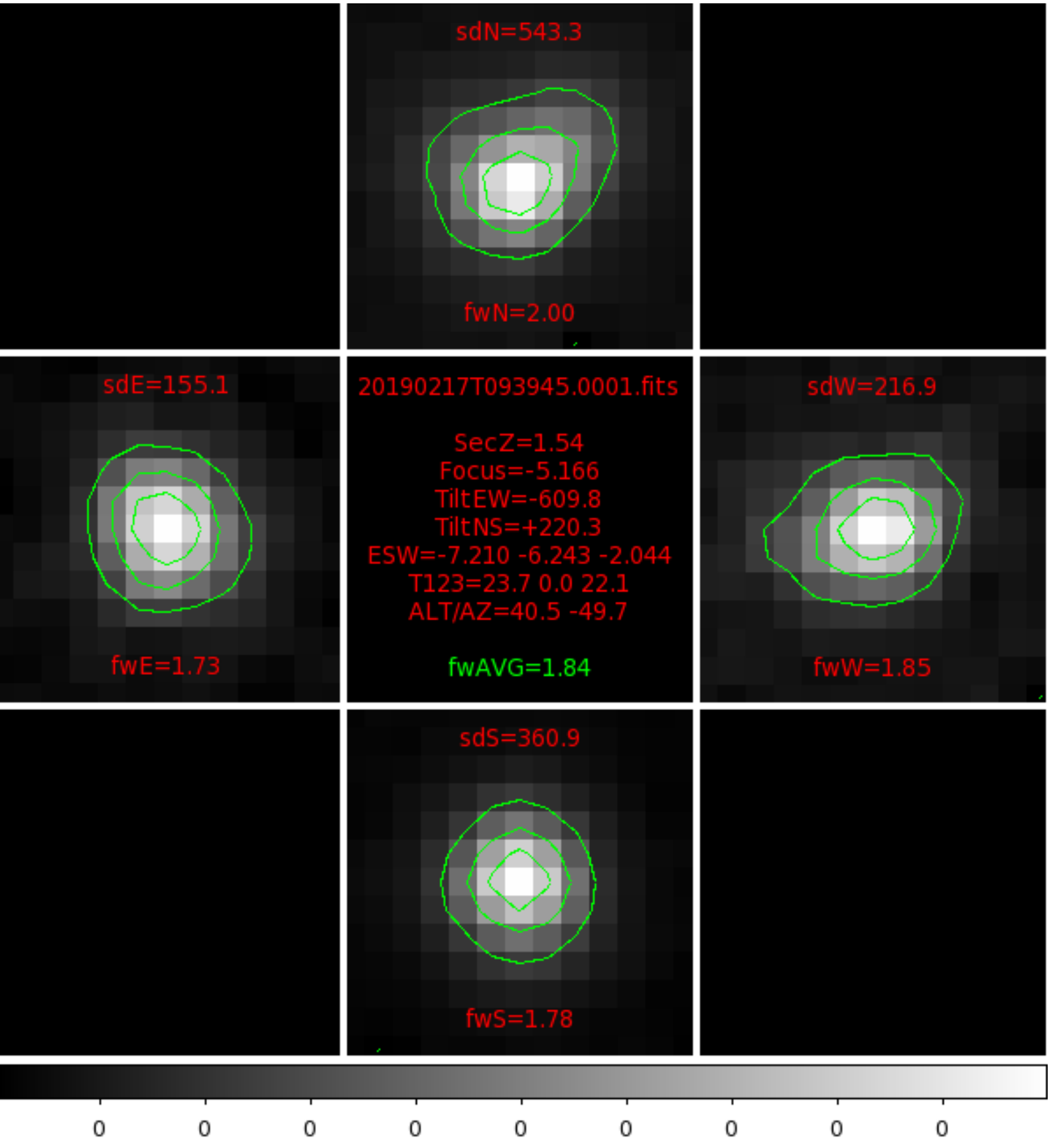
sdN=543.3
fwN=2.00
sdE=155.1
fwE=1.73
20190217T093945.0001.fits
SecZ=1.54
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.7 0.0 22.1
ALT/AZ=40.5 -49.7
fwAVG=1.84
sdW=216.9
fwW=1.85
sdS=360.9
fwS=1.78
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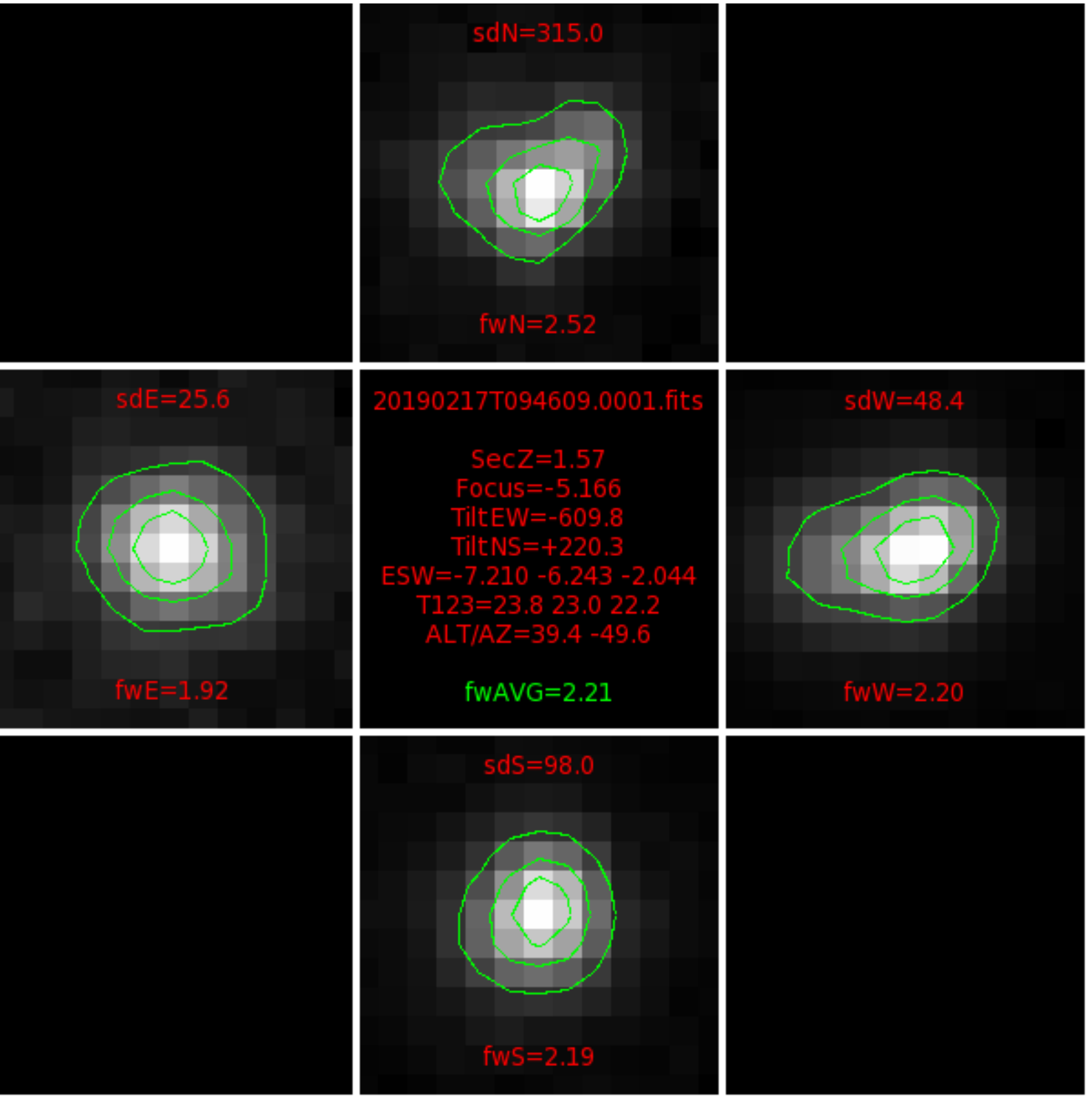
sdN=315.0
fwN=2.52
sdE=25.6
fwE=1.92
20190217T094609.0001.fits
SecZ=1.57
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.8 23.0 22.2
ALT/AZ=39.4 -49.6
fwAVG=2.21
sdW=48.4
fwW=2.20
sdS=98.0
fwS=2.19
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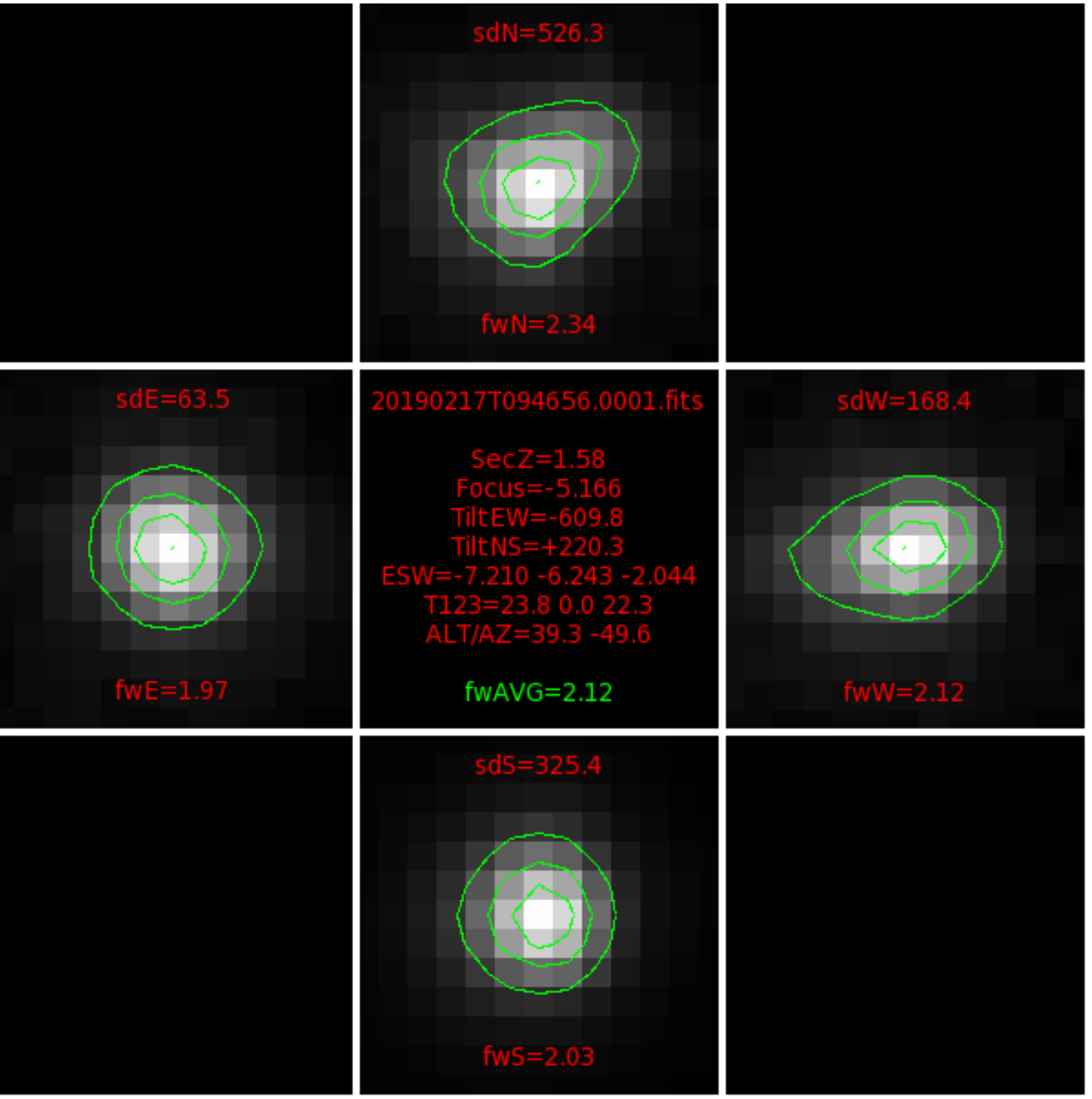
sdN=526.3
fwN=2.34
sdE=63.5
fwE=1.97
20190217T094656.0001.fits
SecZ=1.58
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.8 0.0 22.3
ALT/AZ=39.3 -49.6
fwAVG=2.12
sdW=168.4
fwW=2.12
sdS=325.4
fwS=2.03
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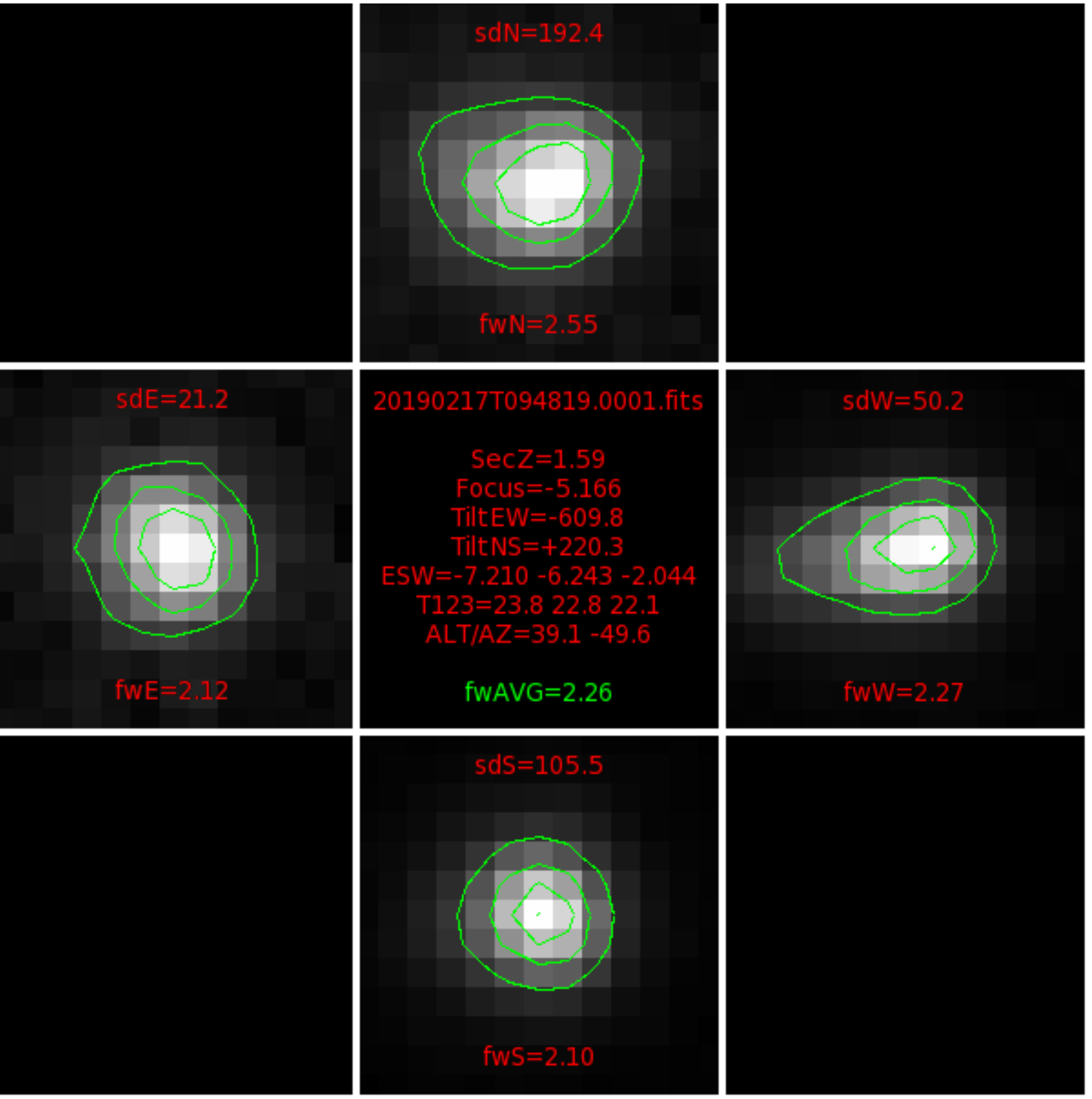
sdN=192.4
fwN=2.55
sdE=21.2
fwE=2.12
20190217T094819.0001.fits
SecZ=1.59
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.8 22.8 22.1
ALT/AZ=39.1 -49.6
fwAVG=2.26
sdW=50.2
fwW=2.27
sdS=105.5
fwS=2.10
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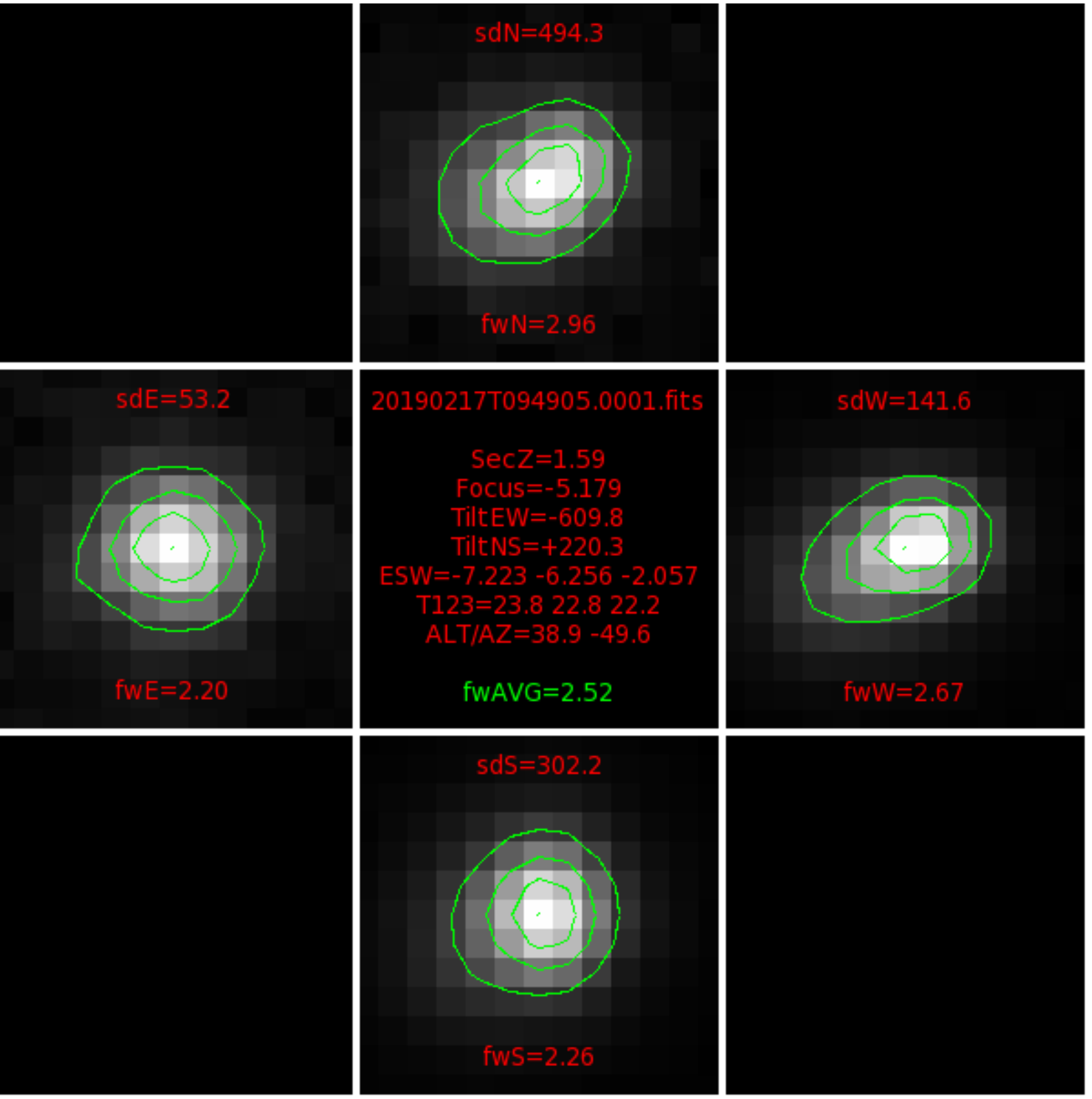
sdN=494.3
fwN=2.96
sdE=53.2
fwE=2.20
20190217T094905.0001.fits
SecZ=1.59
Focus=-5.179
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.223 -6.256 -2.057
T123=23.8 22.8 22.2
ALT/AZ=38.9 -49.6
fwAVG=2.52
sdW=141.6
fwW=2.67
sdS=302.2
fwS=2.26
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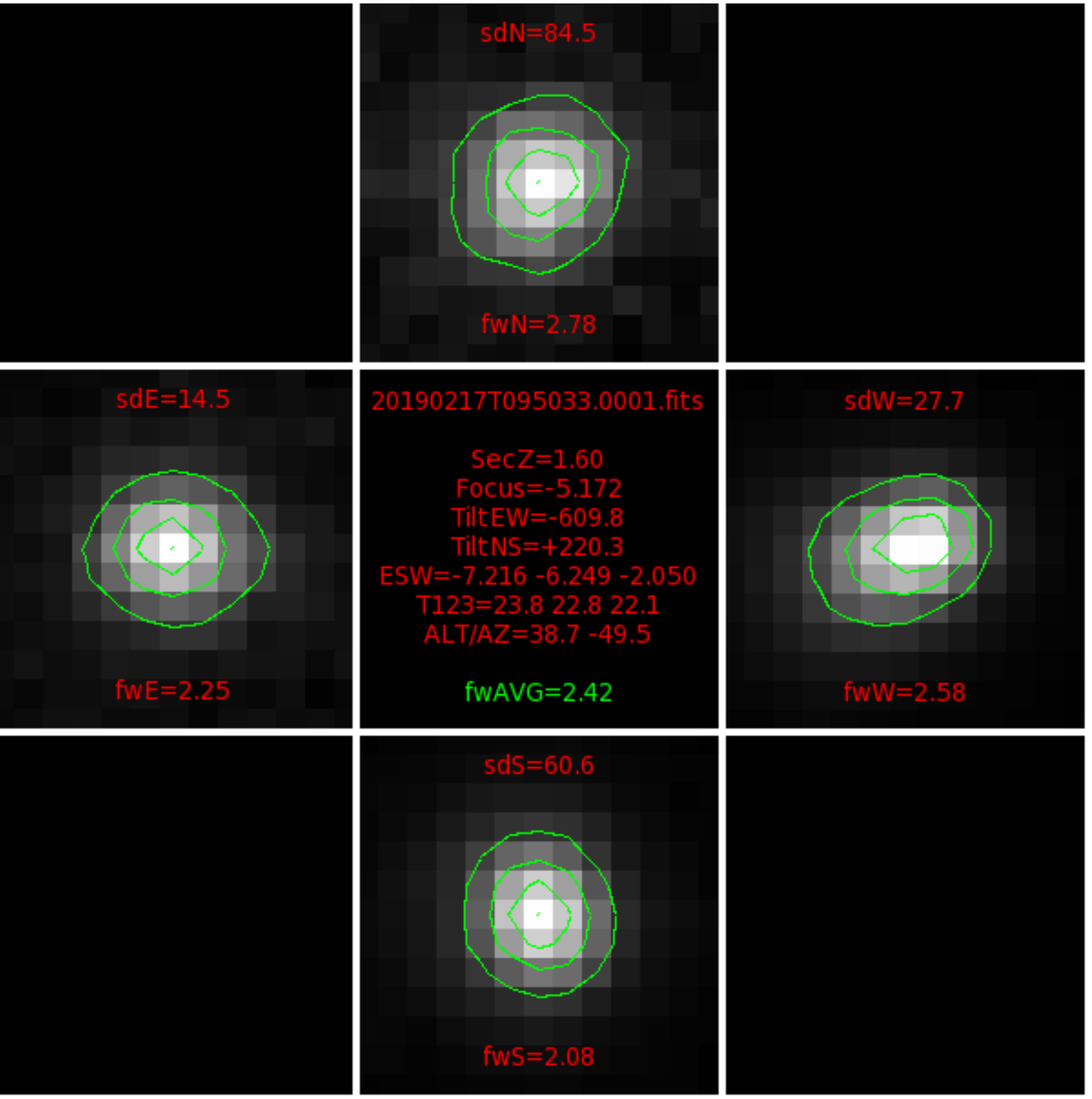
sdN=84.5
fwN=2.78
sdE=14.5
fwE=2.25
20190217T095033.0001.fits
SecZ=1.60
Focus=-5.172
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.216 -6.249 -2.050
T123=23.8 22.8 22.1
ALT/AZ=38.7 -49.5
fwAVG=2.42
sdW=27.7
fwW=2.58
sdS=60.6
fwS=2.08
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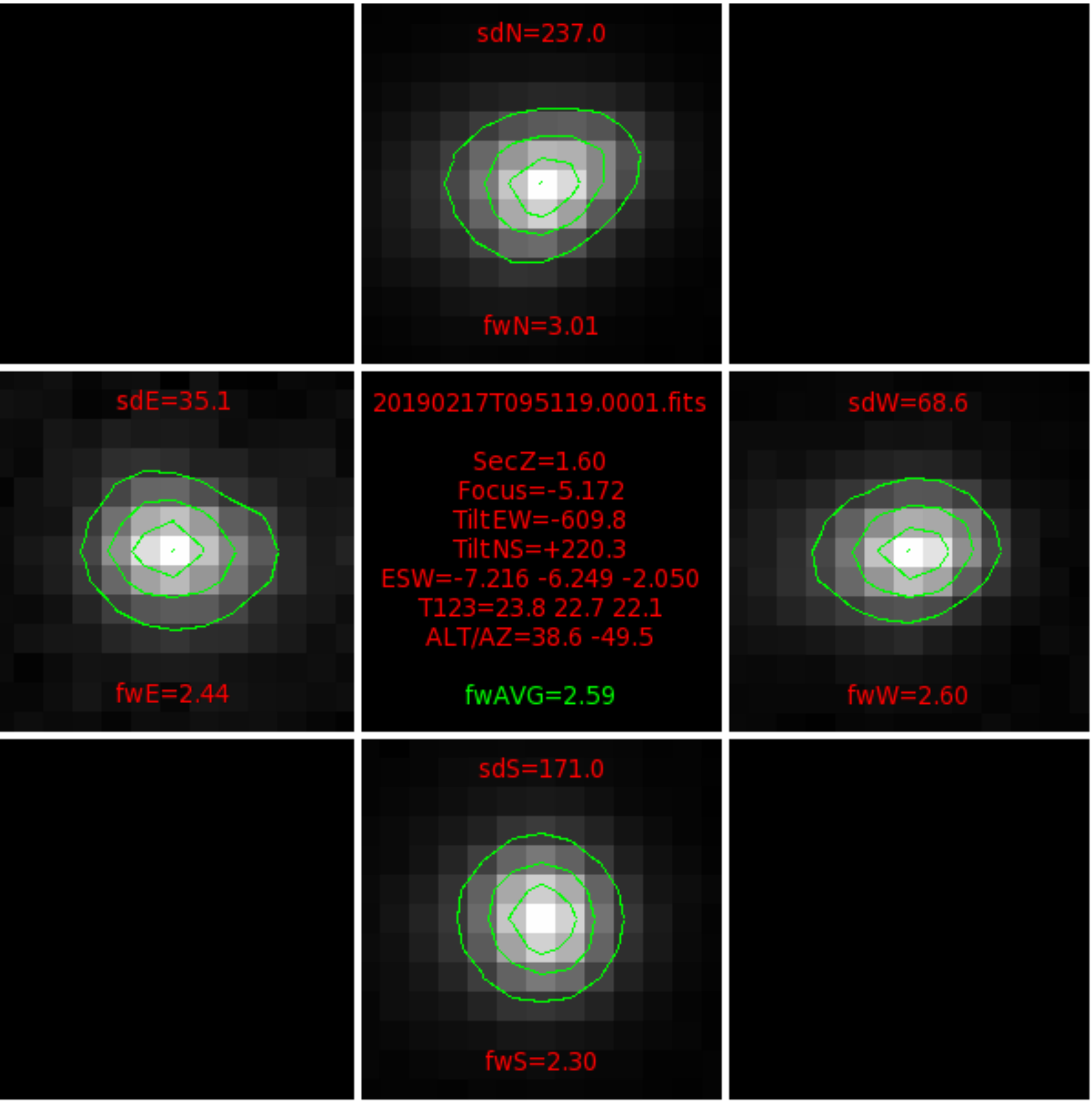
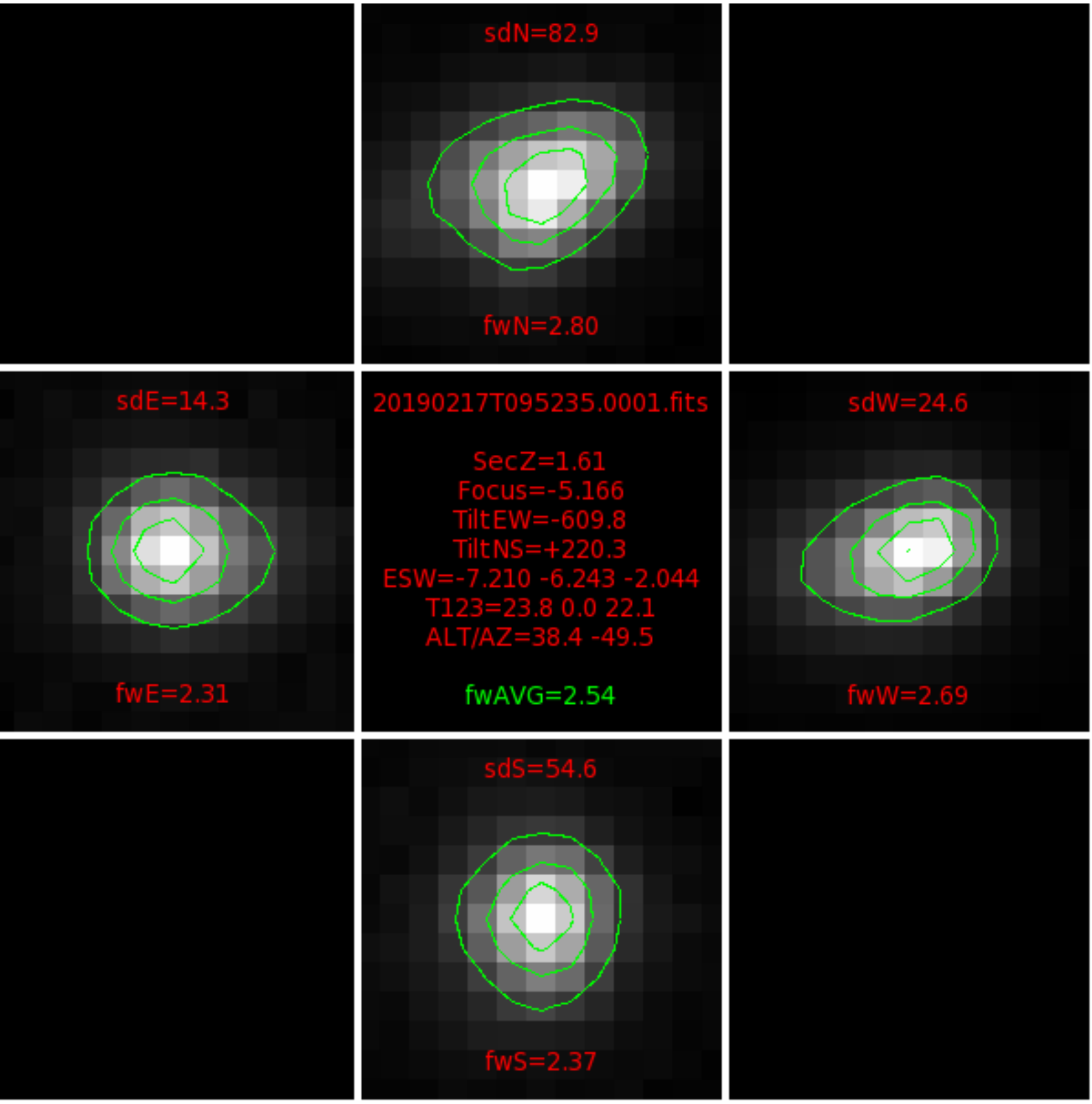

sdN=237.0
fwN=3.01
sdE=35.1
fwE=2.44
20190217T095119.0001.fits
SecZ=1.60
Focus=-5.172
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.216 -6.249 -2.050
T123=23.8 22.7 22.1
ALT/AZ=38.6 -49.5
fwAVG=2.59
sdW=68.6
fwW=2.60
sdS=171.0
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=82.9
fwN=2.80
sdE=14.3
fwE=2.31
20190217T095235.0001.fits
SecZ=1.61
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.8 0.0 22.1
ALT/AZ=38.4 -49.5
fwAVG=2.54
sdW=24.6
fwW=2.69
sdS=54.6
fwS=2.37
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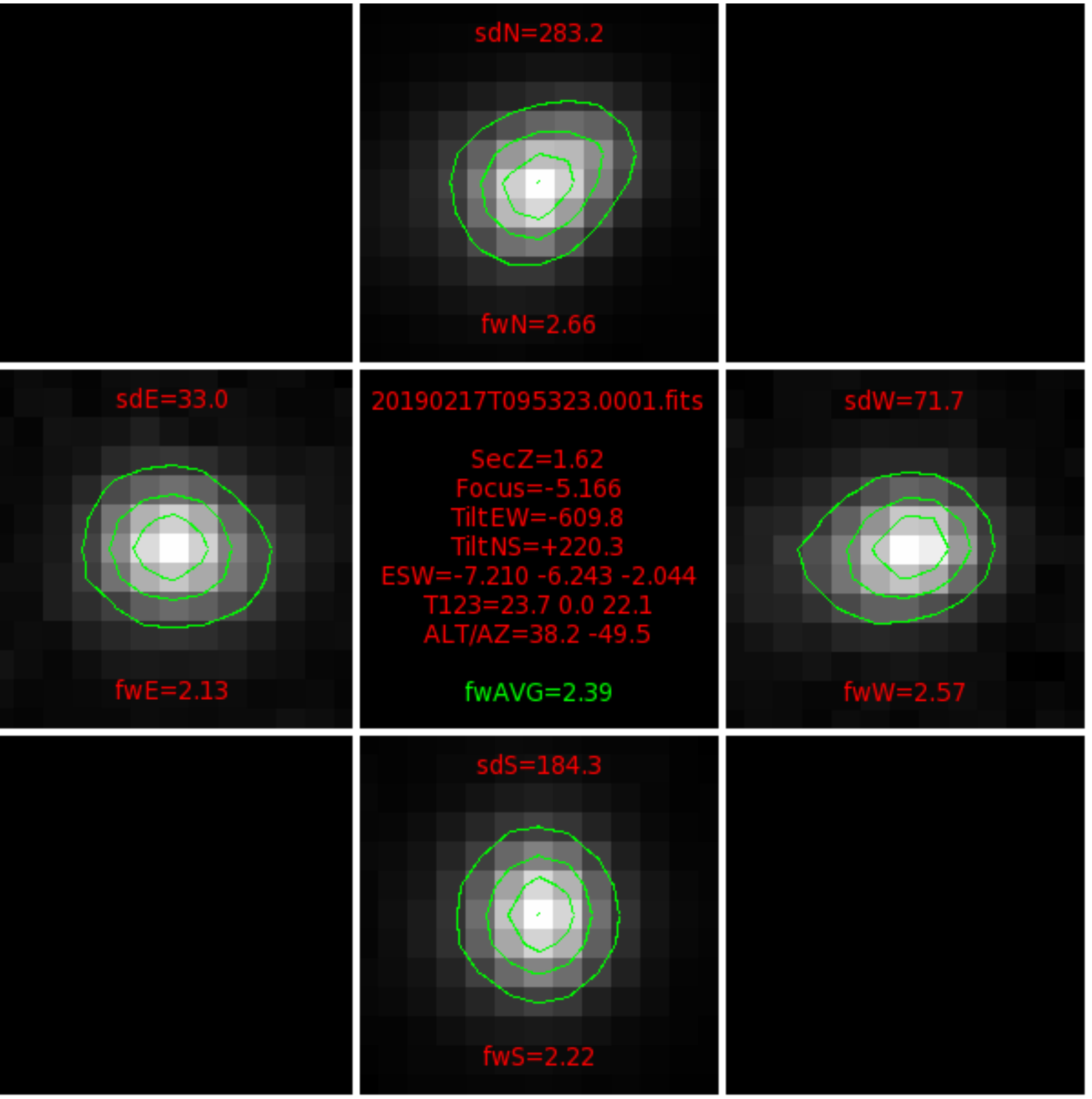
sdN=283.2
fwN=2.66
sdE=33.0
fwE=2.13
20190217T095323.0001.fits
SecZ=1.62
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.7 0.0 22.1
ALT/AZ=38.2 -49.5
fwAVG=2.39
sdW=71.7
fwW=2.57
sdS=184.3
fwS=2.22
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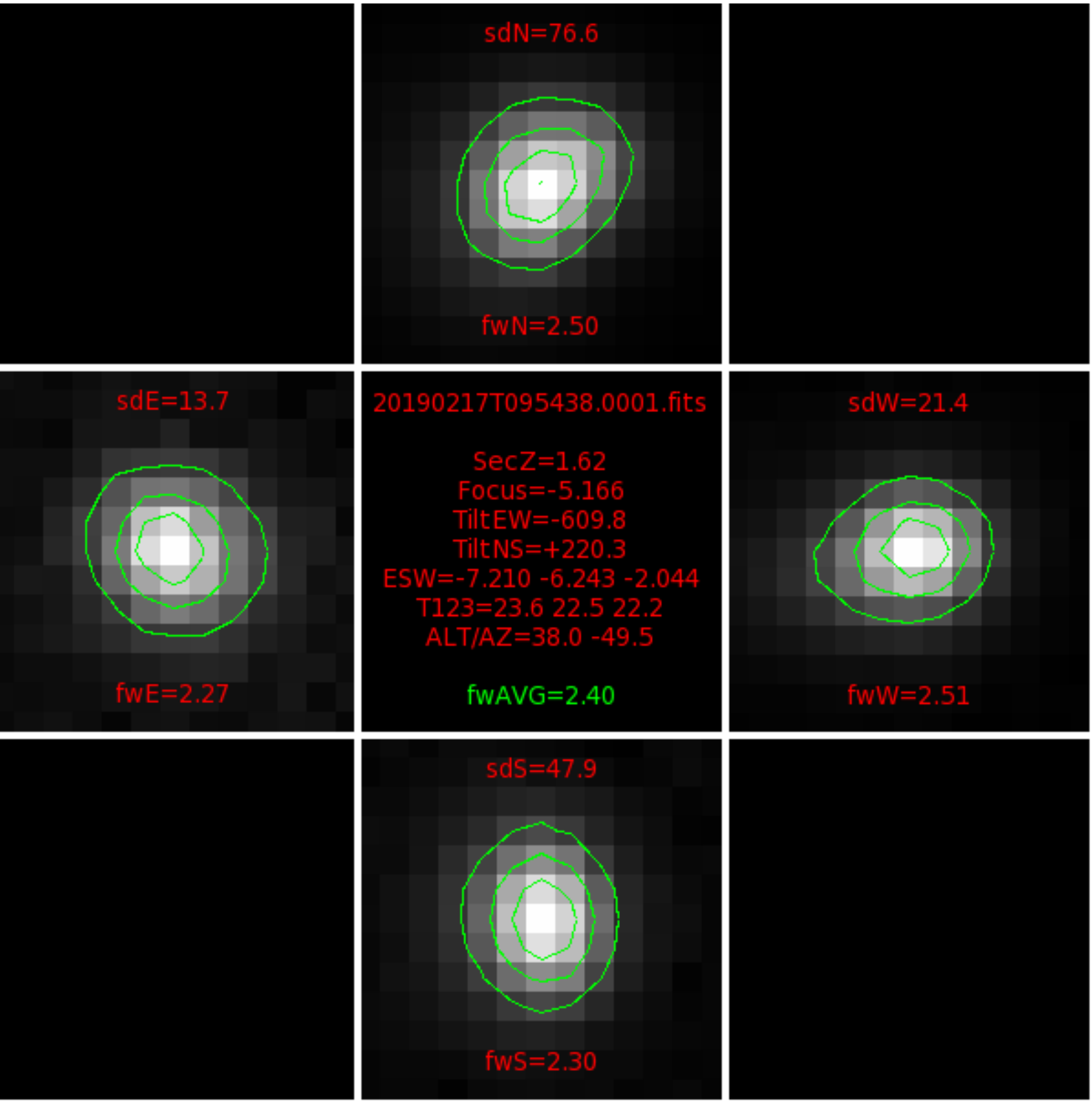
sdN=76.6
fwN=2.50
sdE=13.7
fwE=2.27
20190217T095438.0001.fits
SecZ=1.62
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.6 22.5 22.2
ALT/AZ=38.0 -49.5
fwAVG=2.40
sdW=21.4
fwW=2.51
sdS=47.9
fwS=2.30
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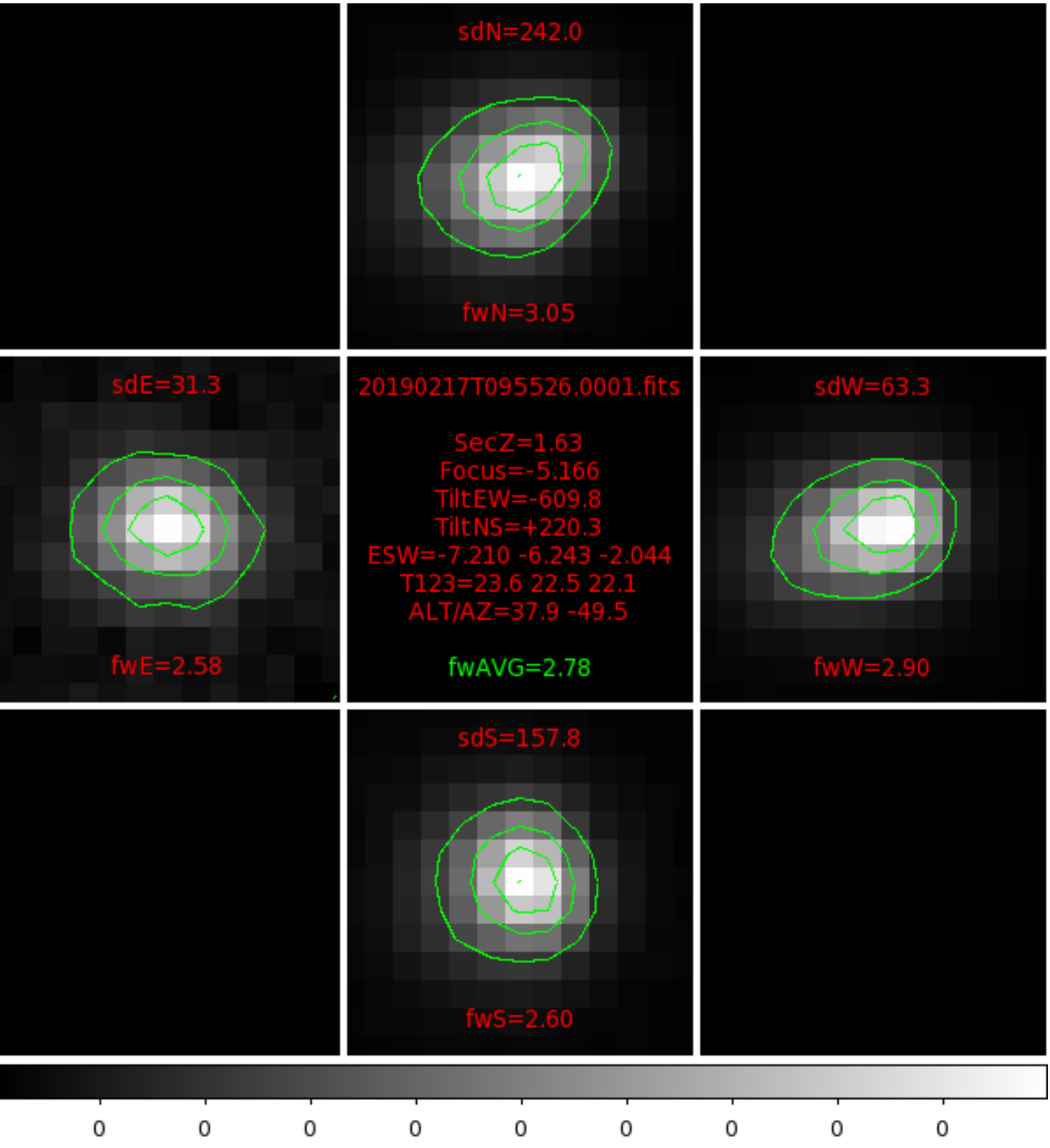
sdN=242.0
fwN=3.05
sdE=31.3
fwE=2.58
20190217T095526.0001.fits
SecZ=1.63
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.6 22.5 22.1
ALT/AZ=37.9 -49.5
fwAVG=2.78
sdW=63.3
fwW=2.90
sdS=157.8
fwS=2.60
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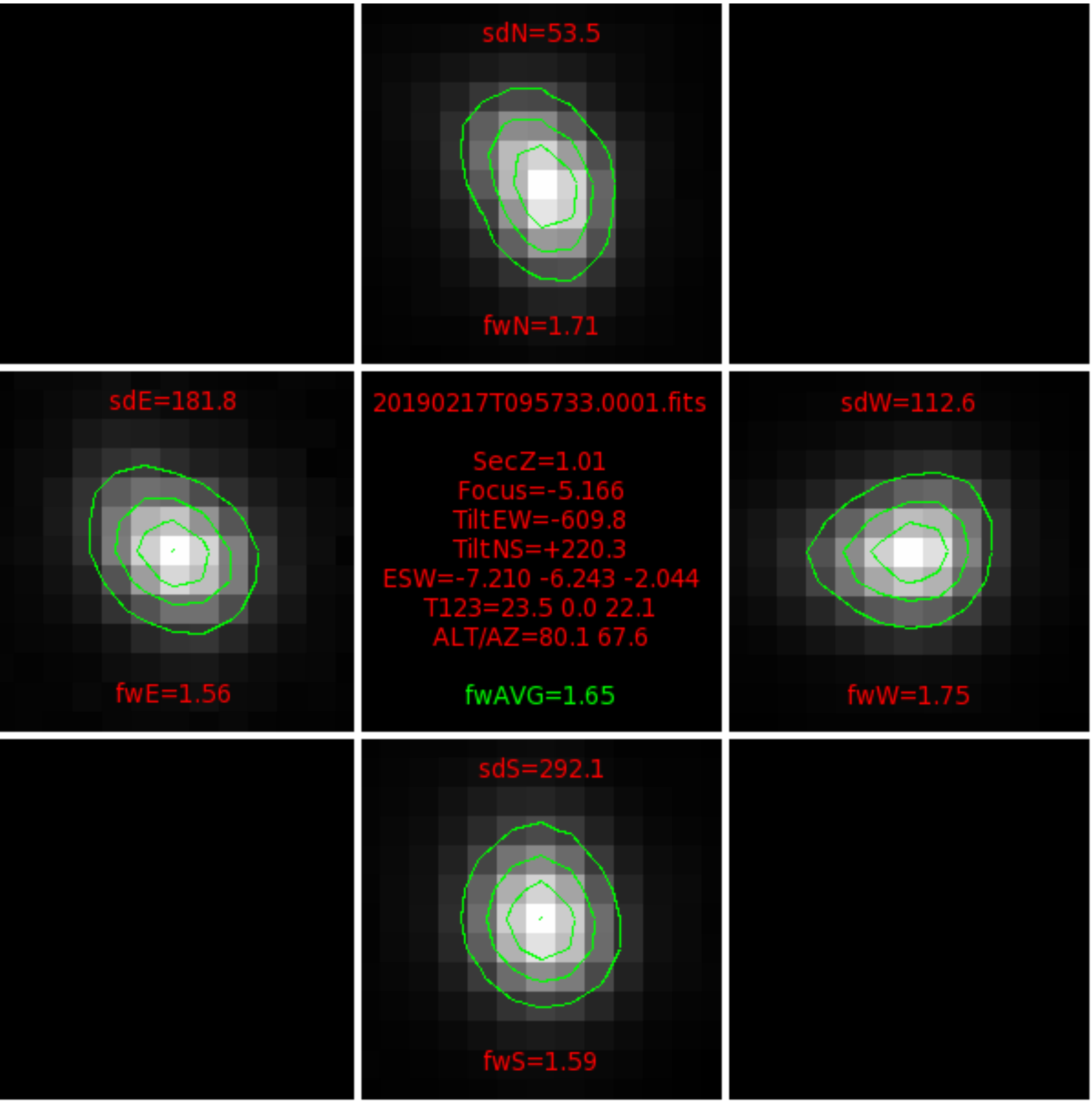
sdN=53.5
fwN=1.71
sdE=181.8
fwE=1.56
20190217T095733.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.5 0.0 22.1
ALT/AZ=80.1 67.6
fwAVG=1.65
sdW=112.6
fwW=1.75
sdS=292.1
fwS=1.59
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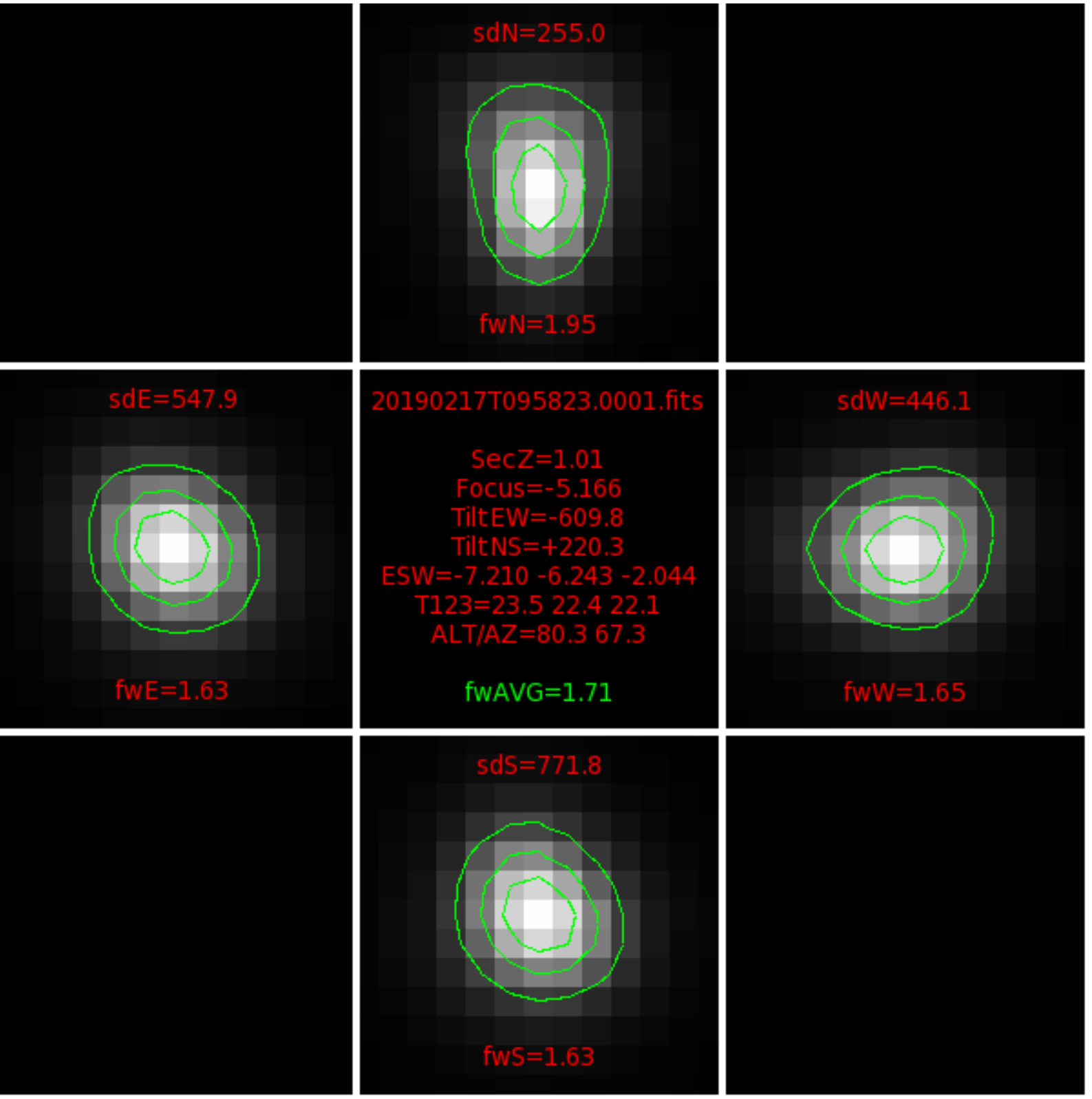
sdN=255.0
fwN=1.95
sdE=547.9
fwE=1.63
20190217T095823.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.5 22.4 22.1
ALT/AZ=80.3 67.3
fwAVG=1.71
sdW=446.1
fwW=1.65
sdS=771.8
fwS=1.63
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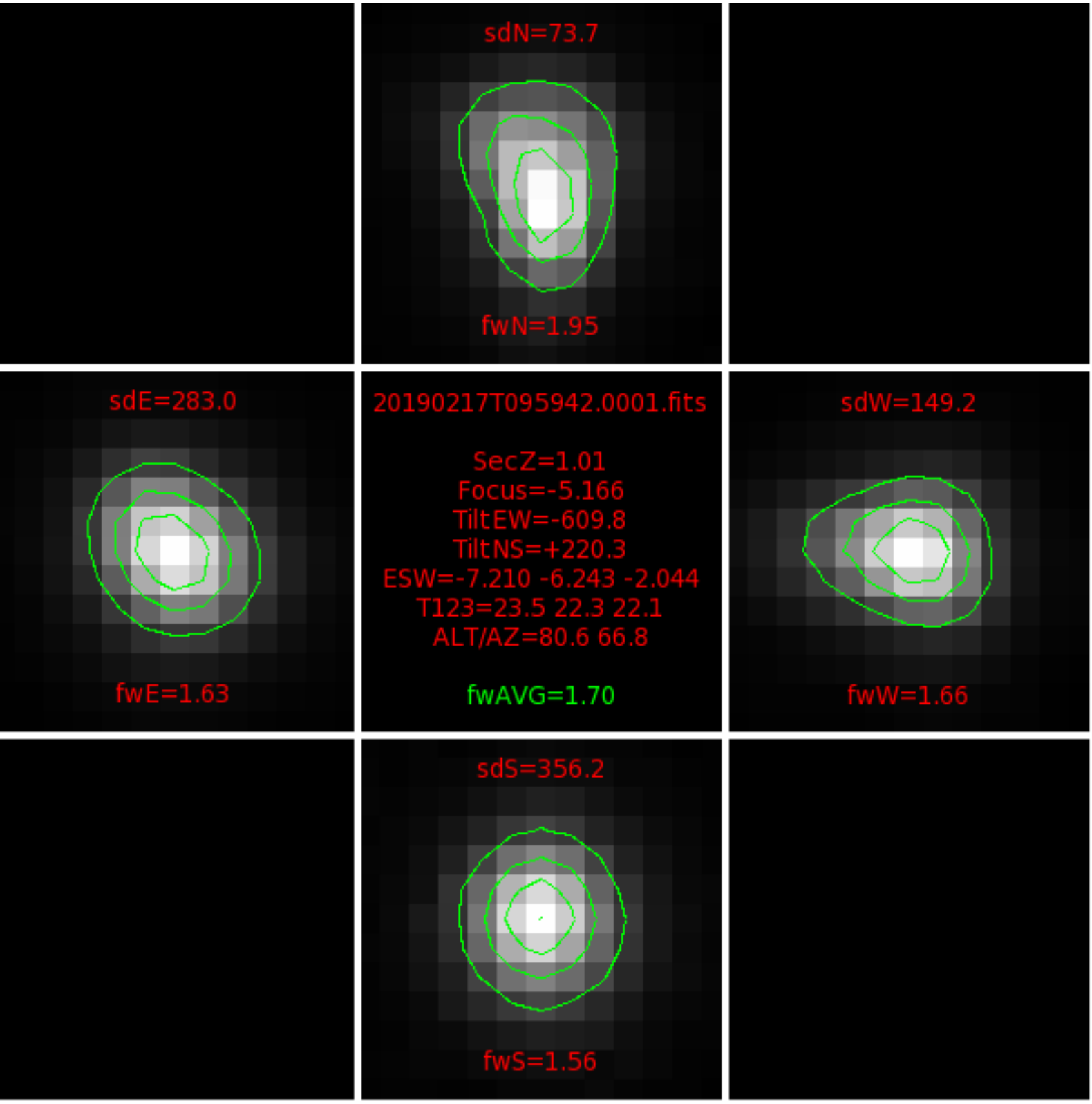
sdN=73.7
fwN=1.95
sdE=283.0
fwE=1.63
20190217T095942.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.5 22.3 22.1
ALT/AZ=80.6 66.8
fwAVG=1.70
sdW=149.2
fwW=1.66
sdS=356.2
fwS=1.56
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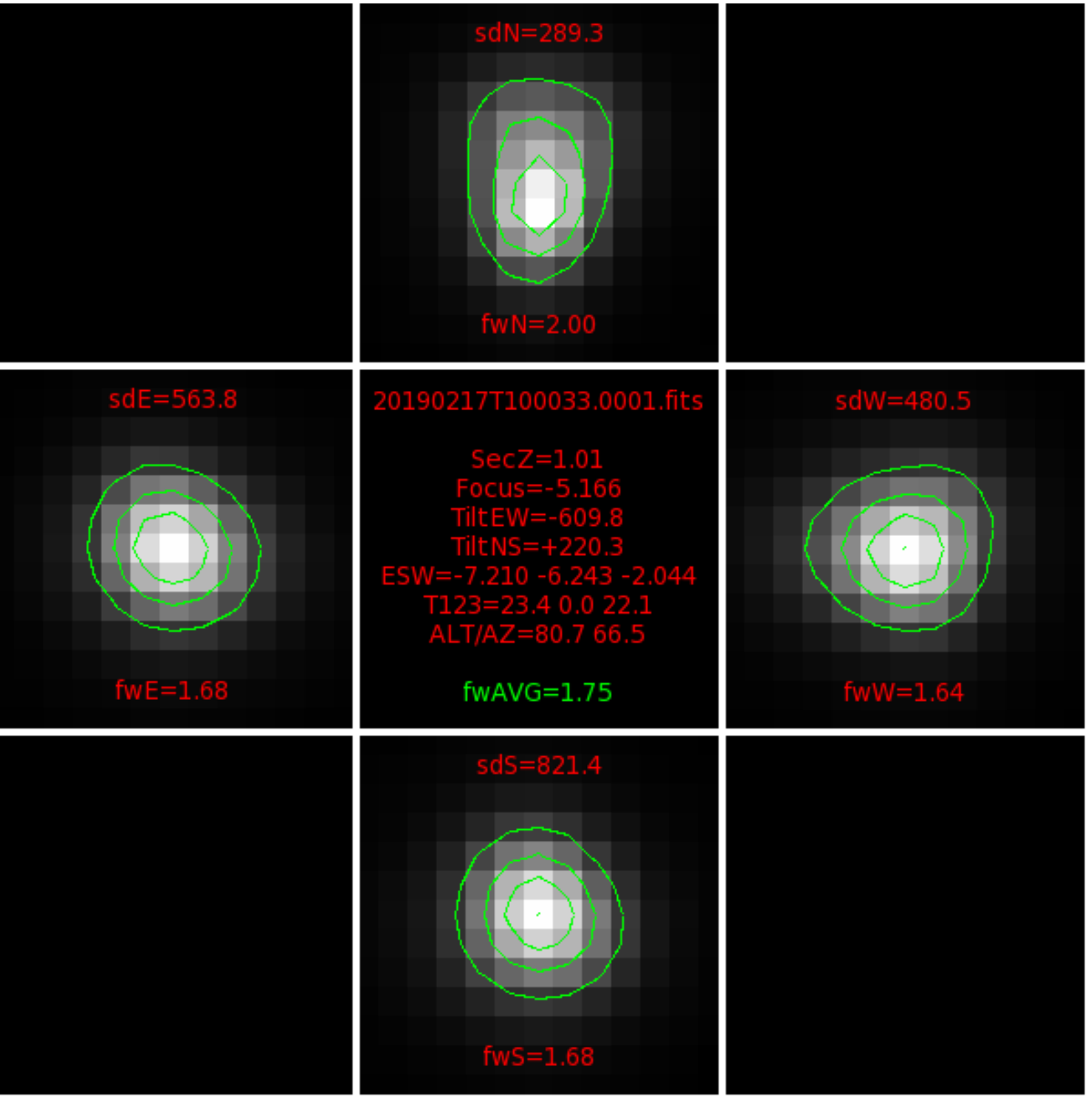
sdN=289.3
fwN=2.00
sdE=563.8
fwE=1.68
20190217T100033.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.4 0.0 22.1
ALT/AZ=80.7 66.5
fwAVG=1.75
sdW=480.5
fwW=1.64
sdS=821.4
fwS=1.68
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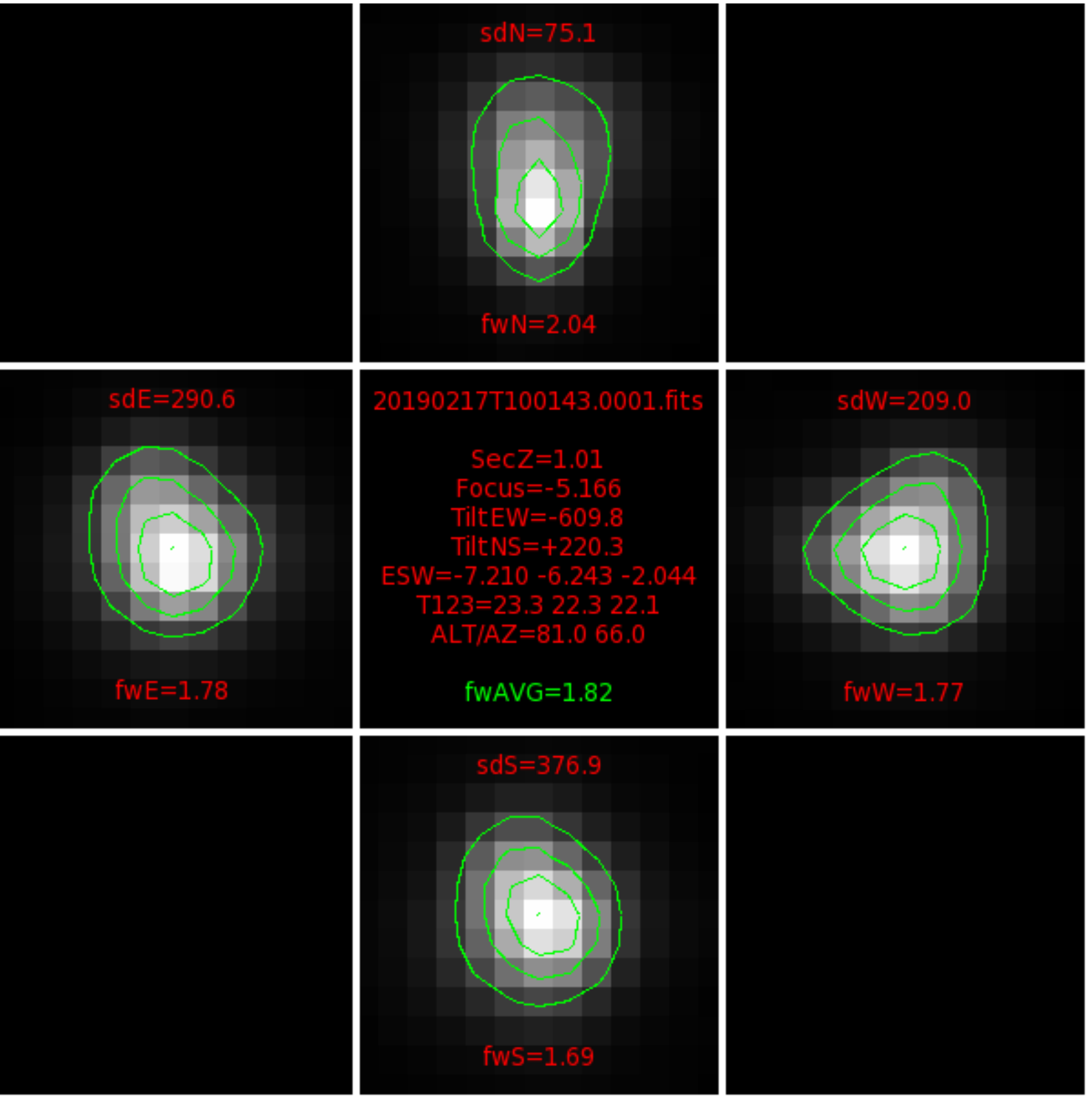
sdN=75.1
fwN=2.04
sdE=290.6
fwE=1.78
20190217T100143.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.3 22.3 22.1
ALT/AZ=81.0 66.0
fwAVG=1.82
sdW=209.0
fwW=1.77
sdS=376.9
fwS=1.69
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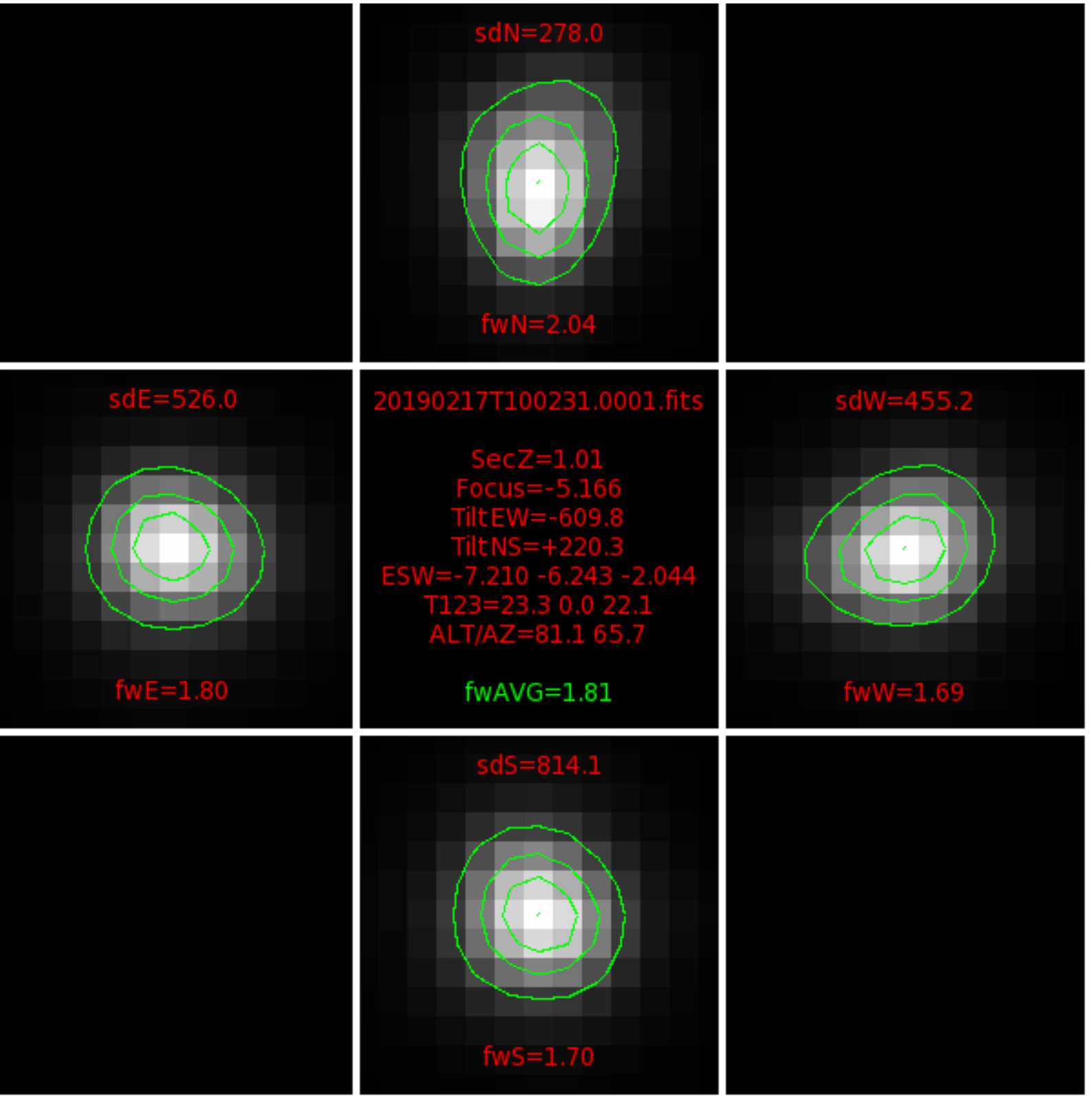
sdN=278.0
fwN=2.04
sdE=526.0
fwE=1.80
20190217T100231.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.3 0.0 22.1
ALT/AZ=81.1 65.7
fwAVG=1.81
sdW=455.2
fwW=1.69
sdS=814.1
fwS=1.70
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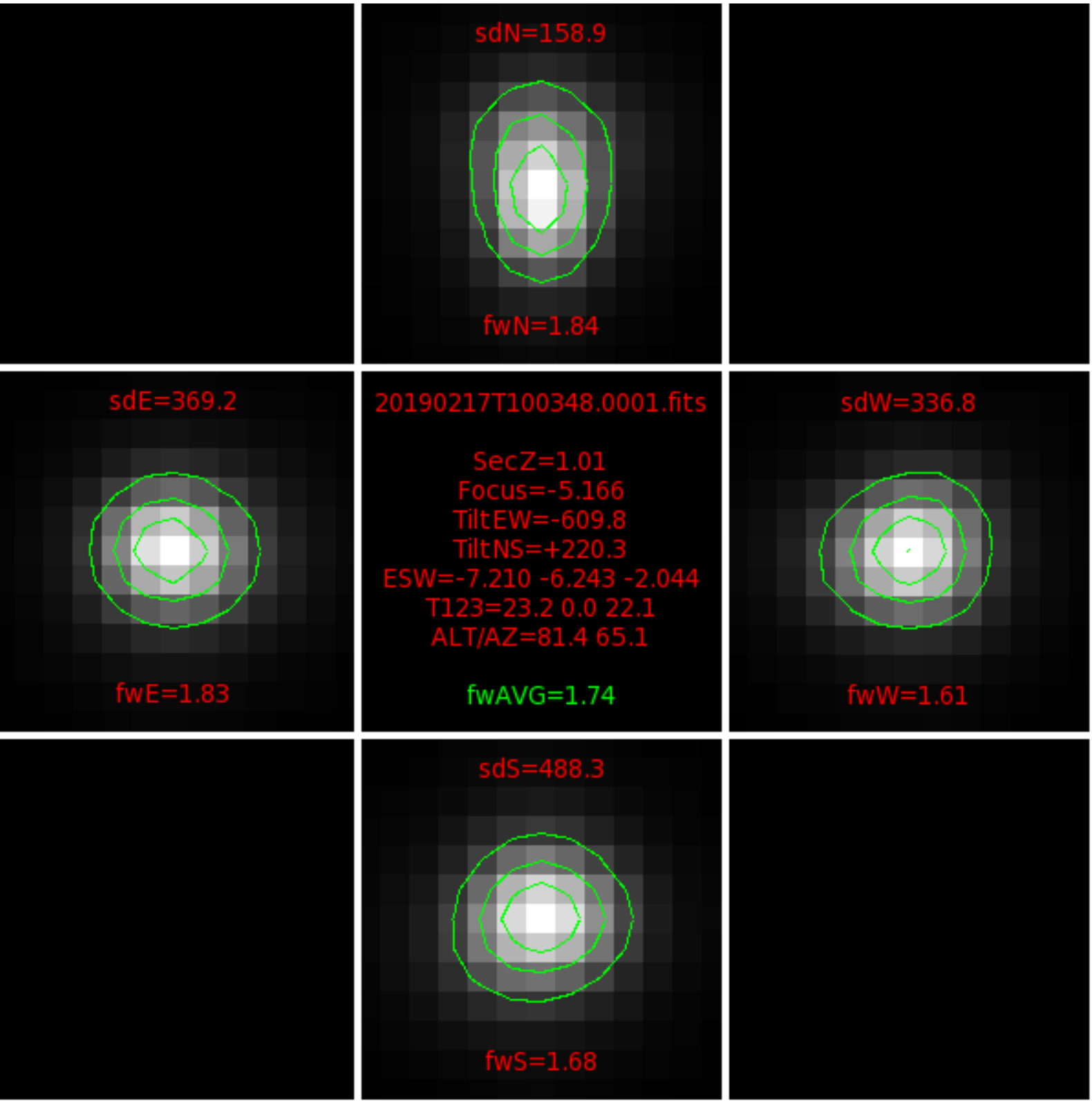
sdN=158.9
fwN=1.84
sdE=369.2
fwE=1.83
20190217T100348.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.2 0.0 22.1
ALT/AZ=81.4 65.1
fwAVG=1.74
sdW=336.8
fwW=1.61
sdS=488.3
fwS=1.68
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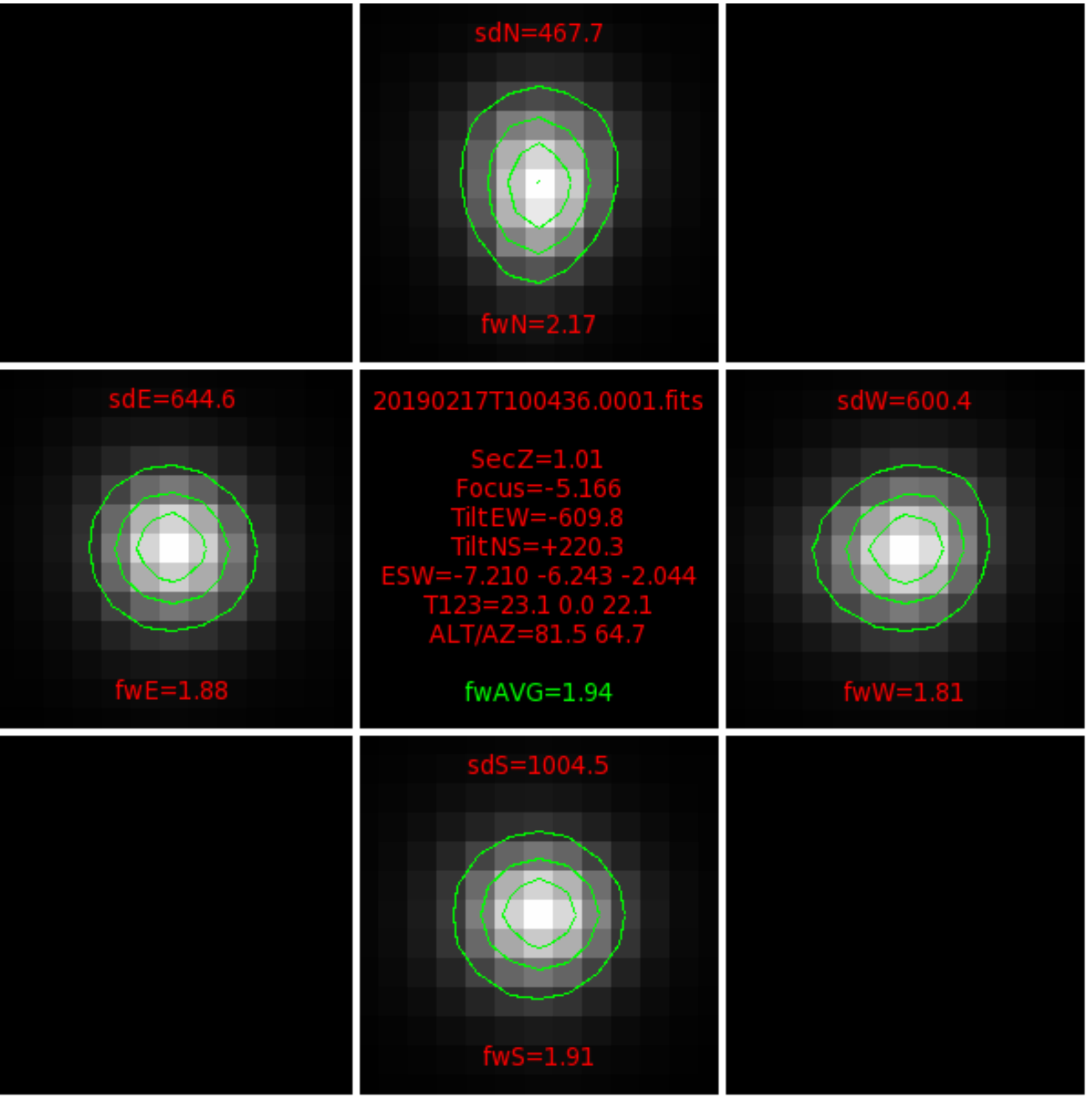
sdN=467.7
fwN=2.17
sdE=644.6
fwE=1.88
20190217T100436.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.1 0.0 22.1
ALT/AZ=81.5 64.7
fwAVG=1.94
sdW=600.4
fwW=1.81
sdS=1004.5
fwS=1.91
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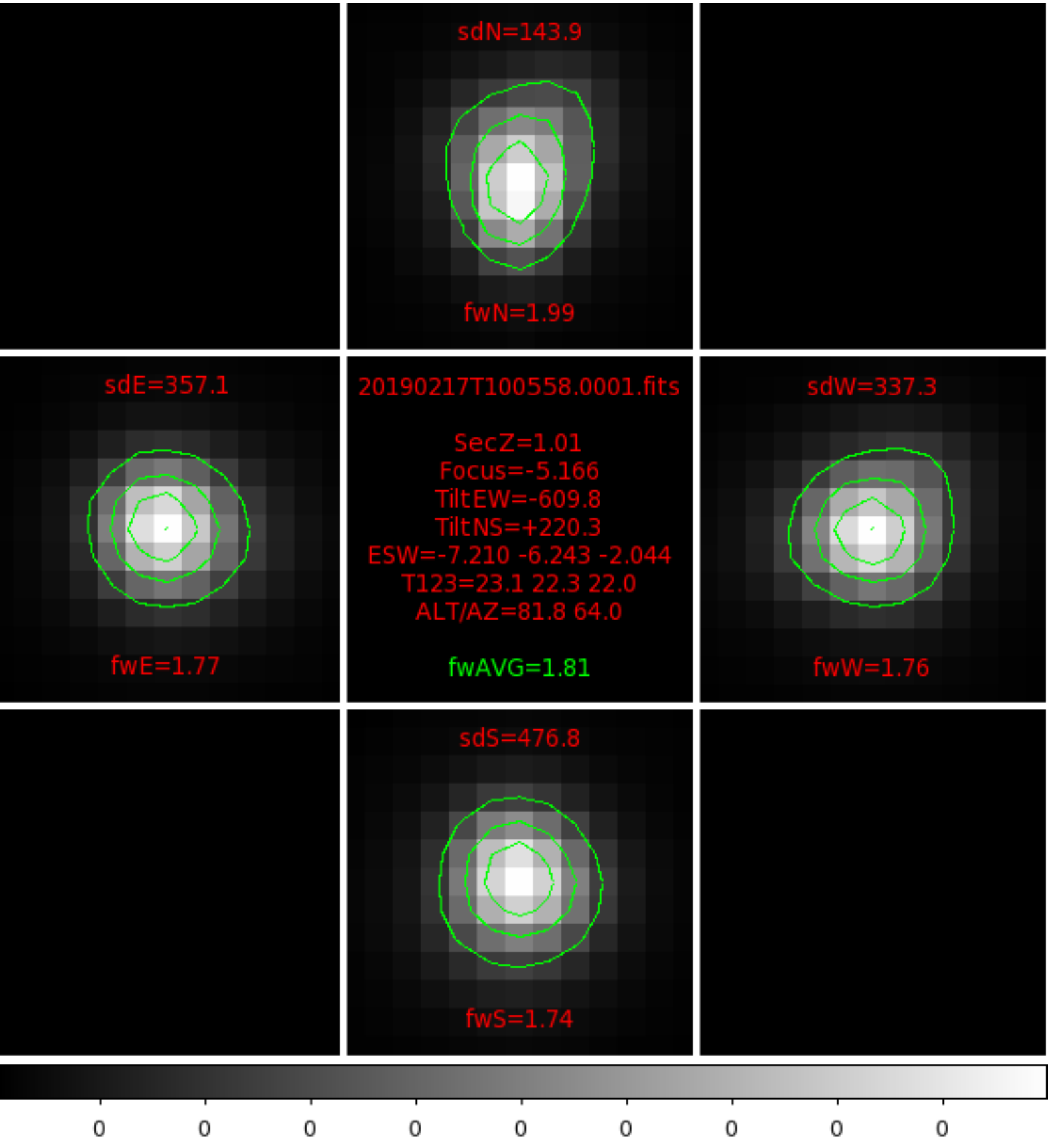
sdN=143.9
fwN=1.99
sdE=357.1
fwE=1.77
20190217T100558.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.1 22.3 22.0
ALT/AZ=81.8 64.0
fwAVG=1.81
sdW=337.3
fwW=1.76
sdS=476.8
fwS=1.74
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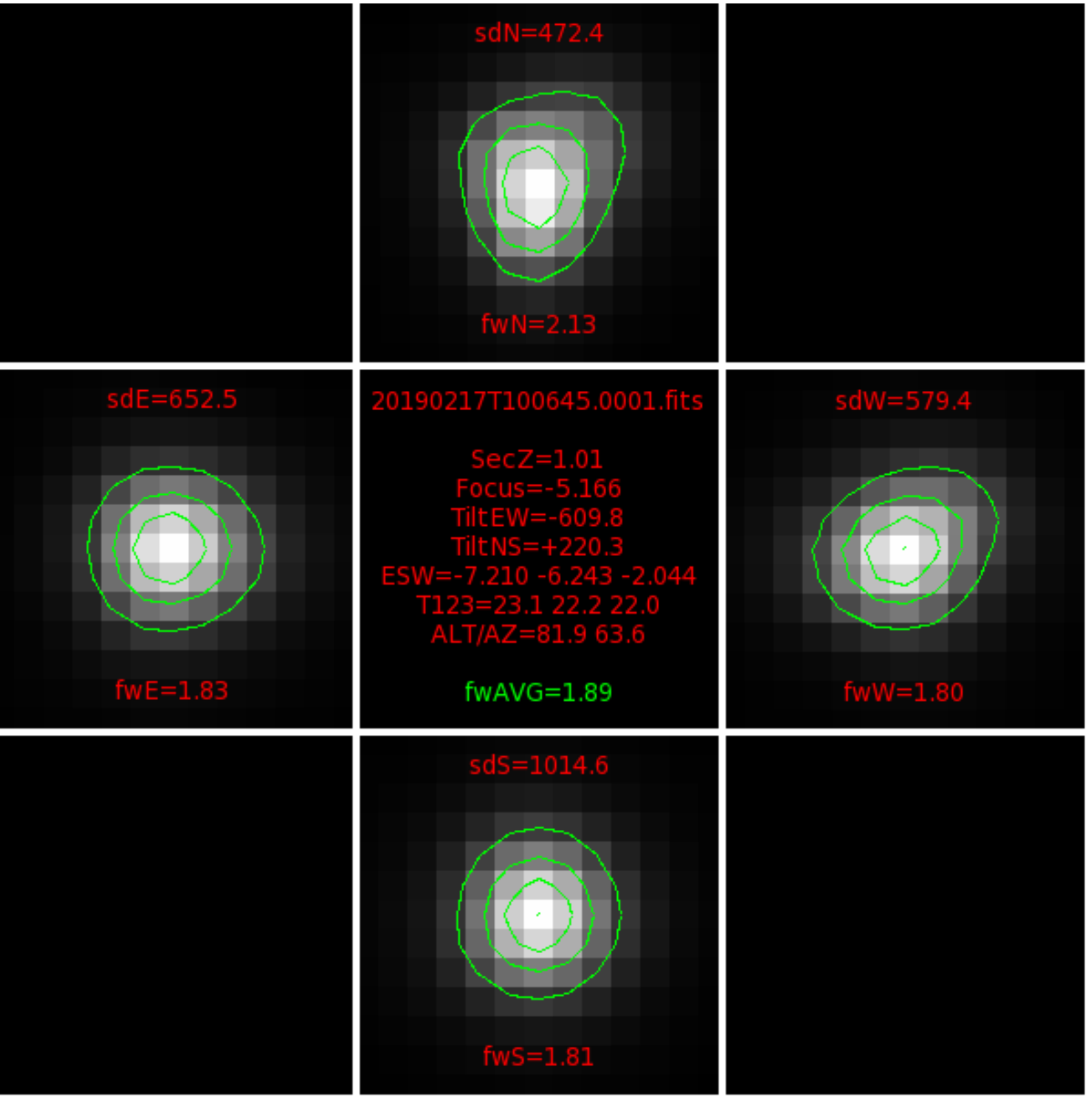
sdN=472.4
fwN=2.13
sdE=652.5
fwE=1.83
20190217T100645.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.1 22.2 22.0
ALT/AZ=81.9 63.6
fwAVG=1.89
sdW=579.4
fwW=1.80
sdS=1014.6
fwS=1.81
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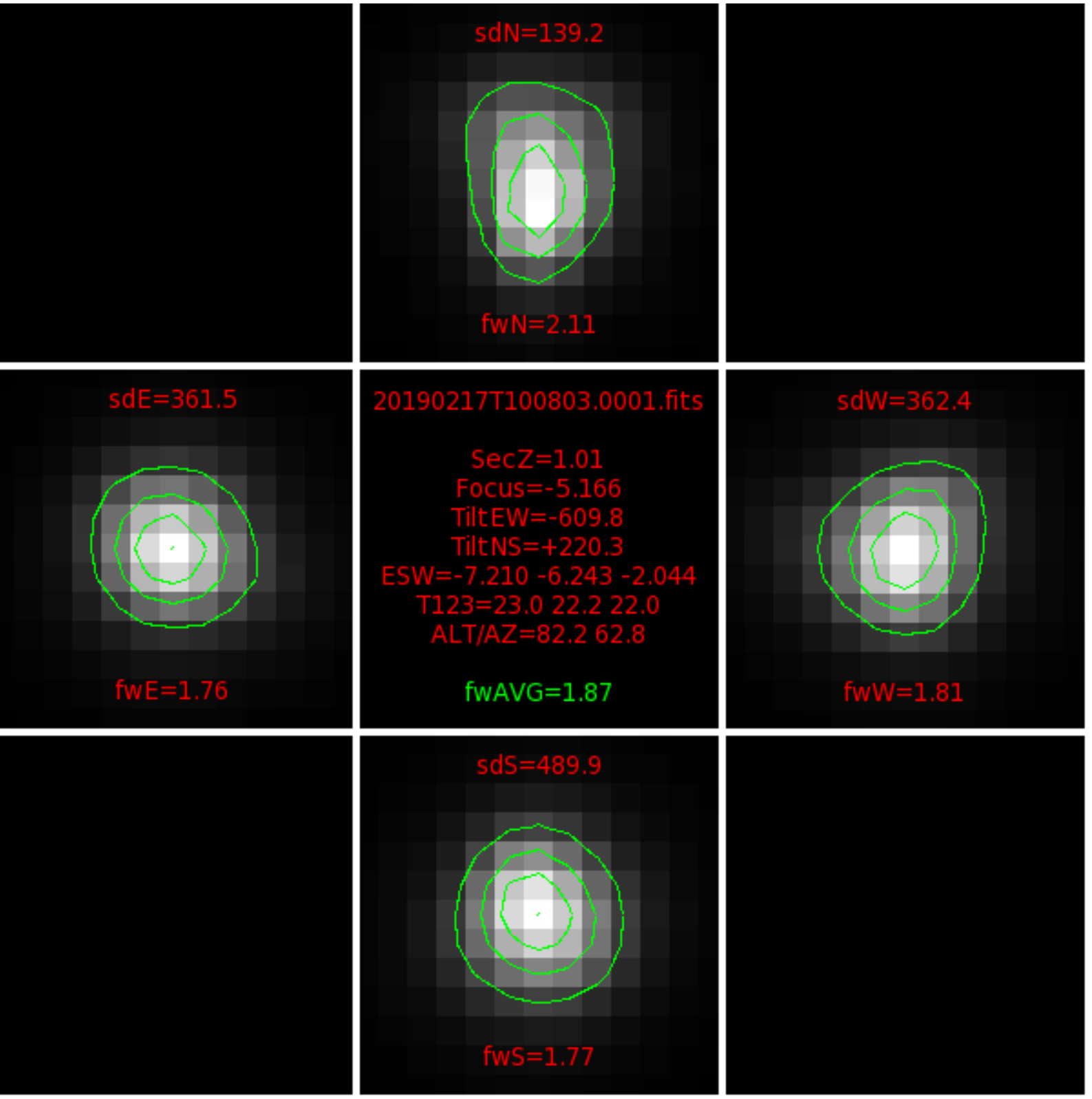
sdN=139.2
fwN=2.11
sdE=361.5
fwE=1.76
20190217T100803.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=23.0 22.2 22.0
ALT/AZ=82.2 62.8
fwAVG=1.87
sdW=362.4
fwW=1.81
sdS=489.9
fwS=1.77
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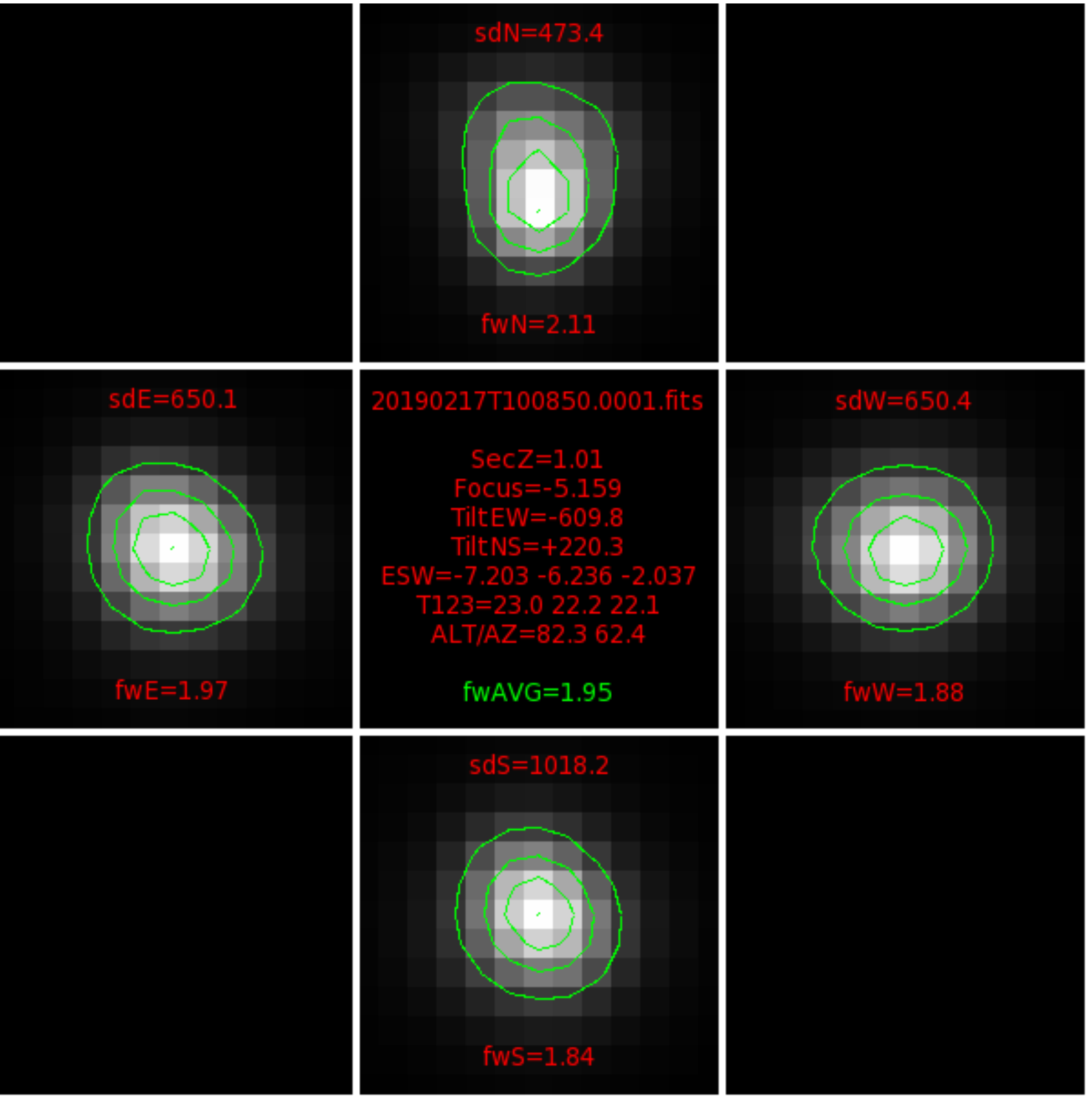
sdN=473.4
fwN=2.11
sdE=650.1
fwE=1.97
20190217T100850.0001.fits
SecZ=1.01
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=23.0 22.2 22.1
ALT/AZ=82.3 62.4
fwAVG=1.95
sdW=650.4
fwW=1.88
sdS=1018.2
fwS=1.84
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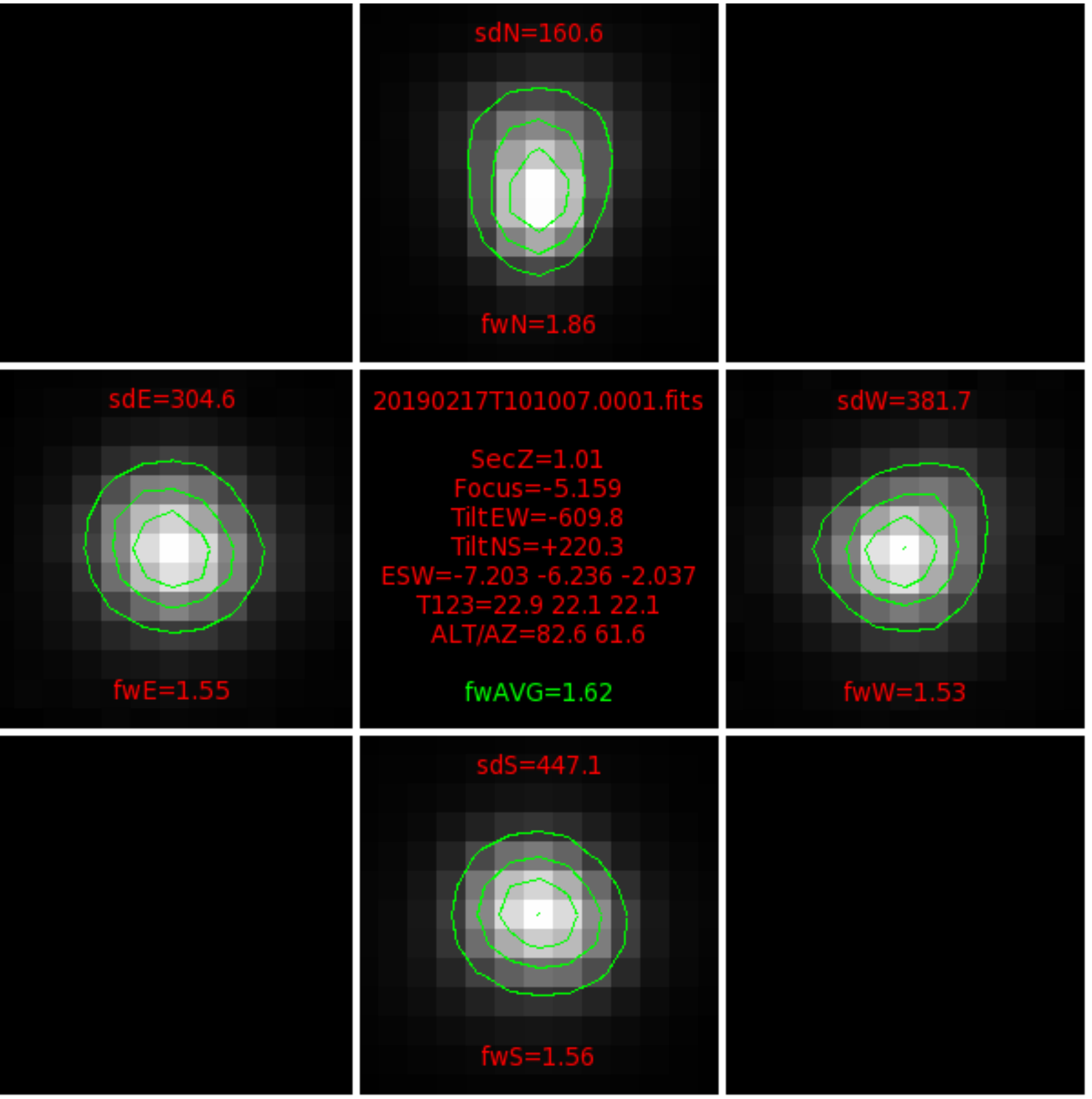
sdN=160.6
fwN=1.86
sdE=304.6
fwE=1.55
20190217T101007.0001.fits
SecZ=1.01
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.9 22.1 22.1
ALT/AZ=82.6 61.6
fwAVG=1.62
sdW=381.7
fwW=1.53
sdS=447.1
fwS=1.56
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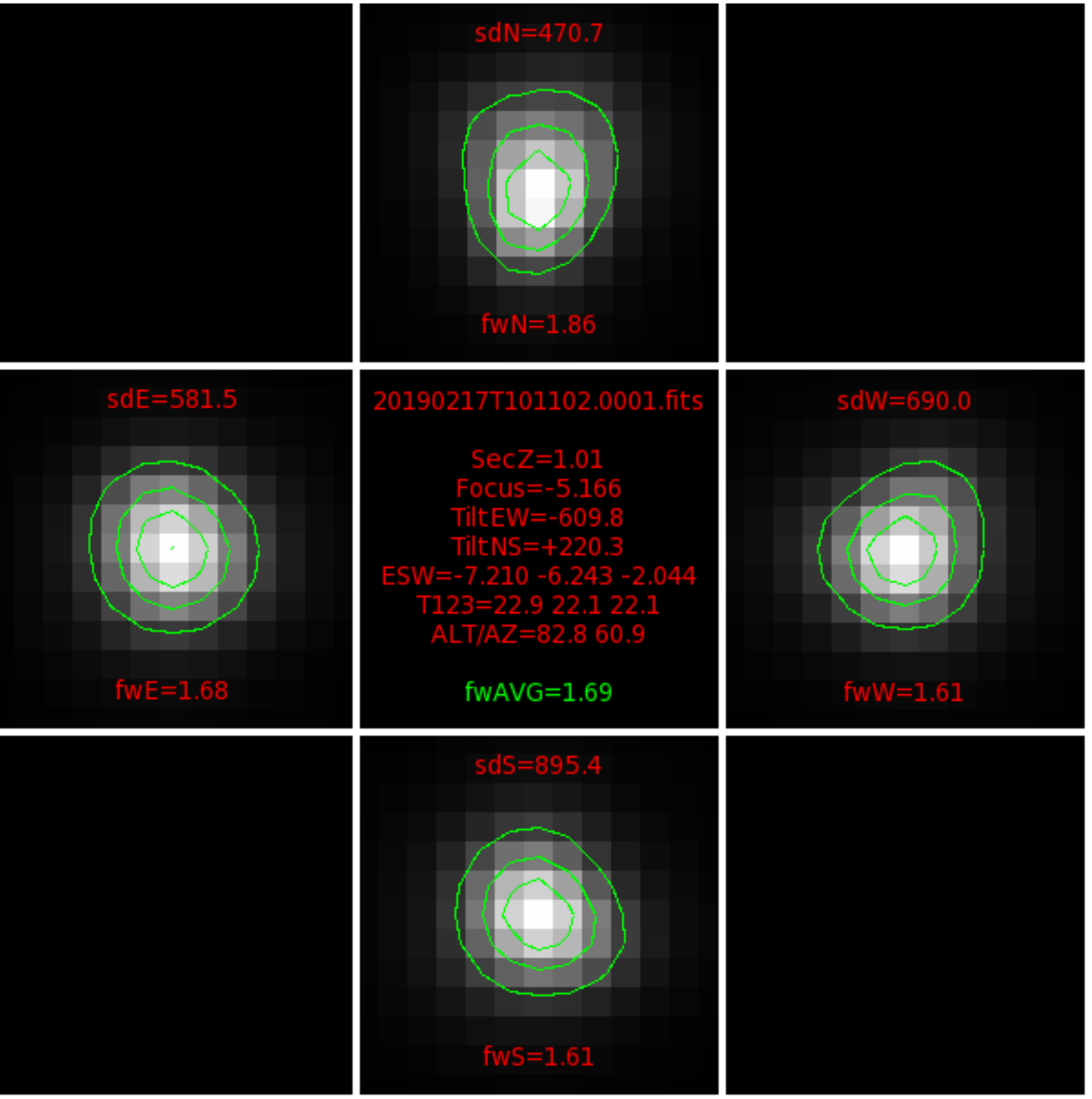
sdN=470.7
fwN=1.86
sdE=581.5
fwE=1.68
20190217T101102.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=22.9 22.1 22.1
ALT/AZ=82.8 60.9
fwAVG=1.69
sdW=690.0
fwW=1.61
sdS=895.4
fwS=1.61
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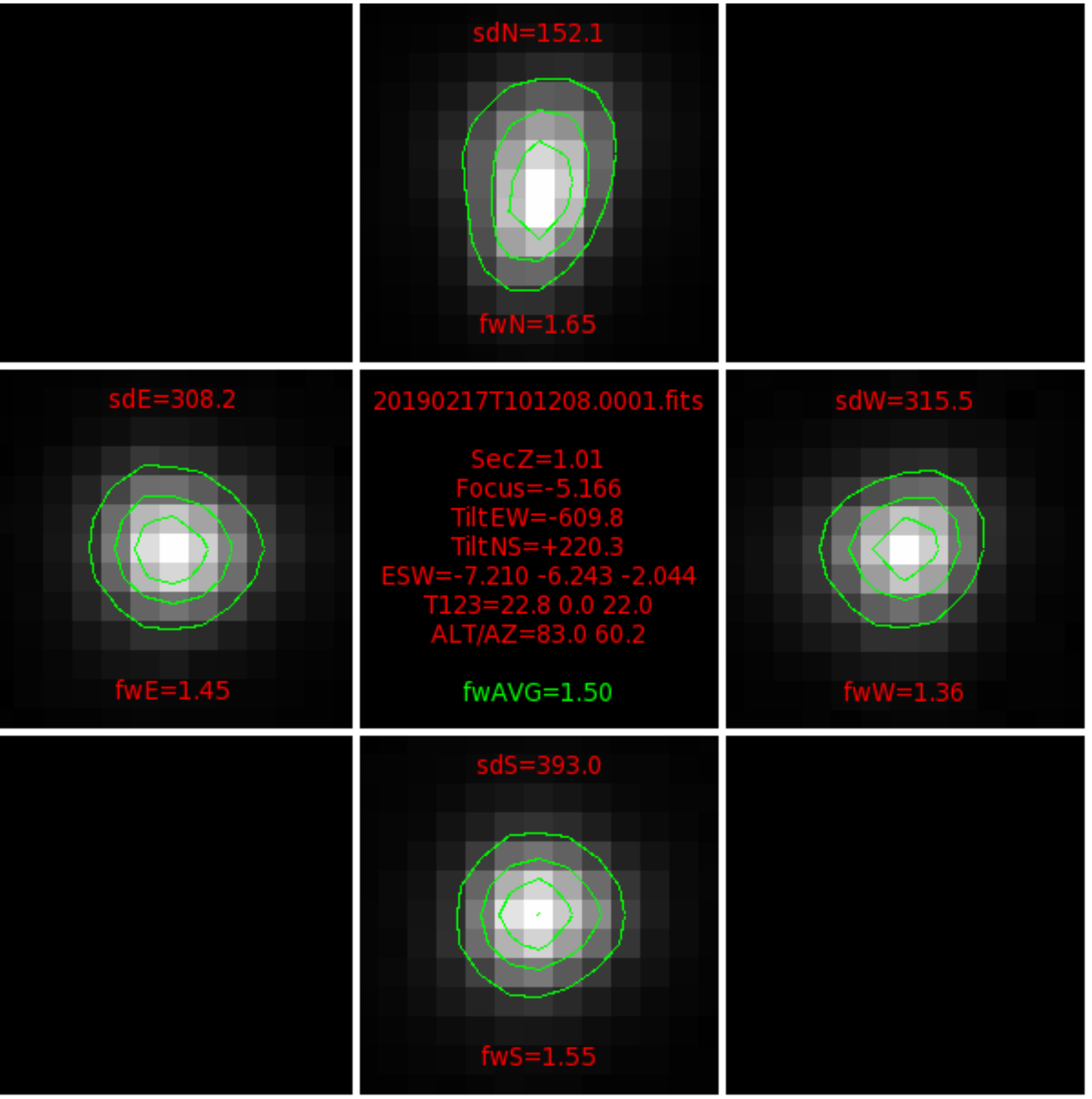
sdN=152.1
fwN=1.65
sdE=308.2
fwE=1.45
20190217T101208.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=22.8 0.0 22.0
ALT/AZ=83.0 60.2
fwAVG=1.50
sdW=315.5
fwW=1.36
sdS=393.0
fwS=1.55
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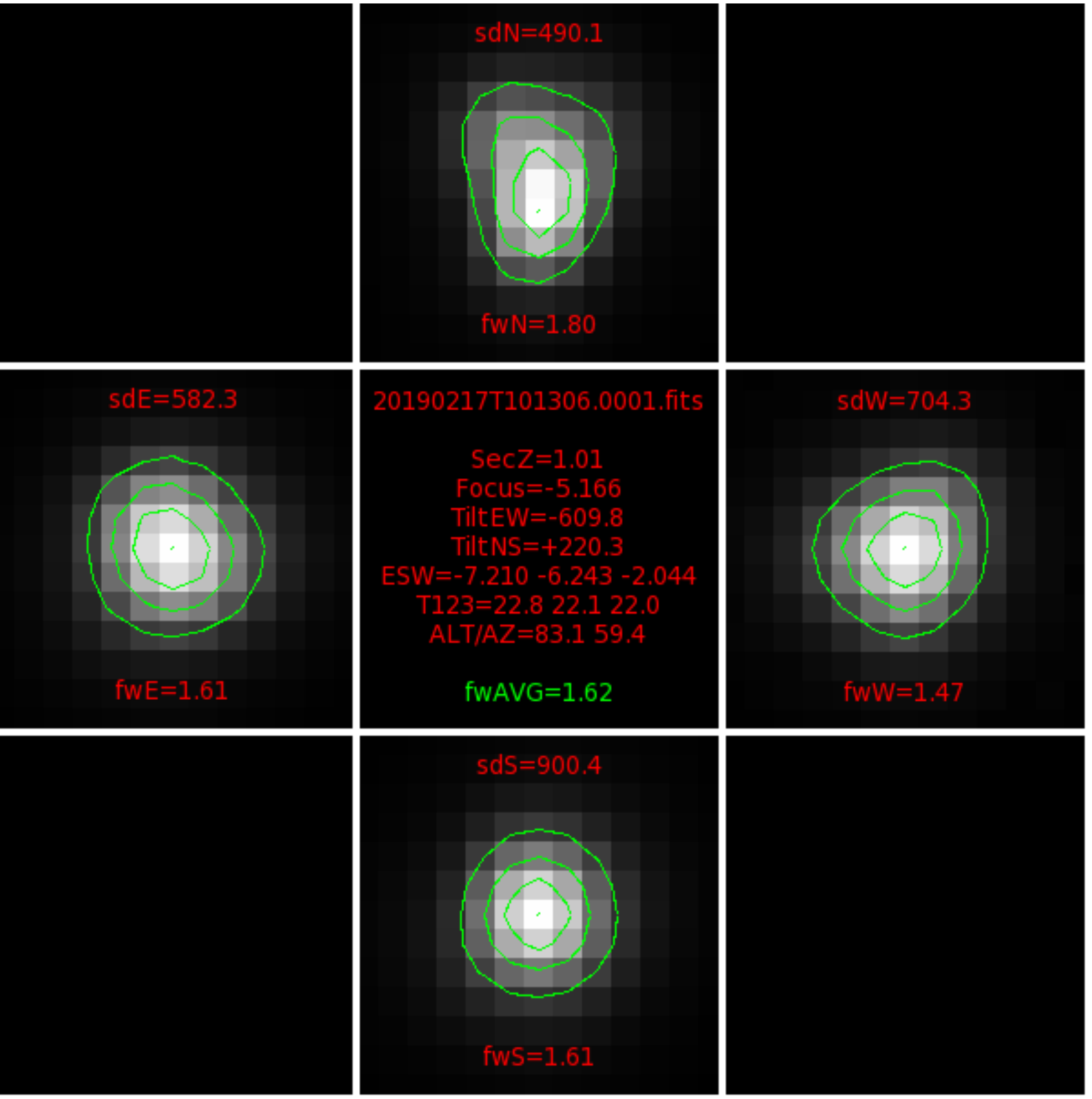
sdN=490.1
fwN=1.80
sdE=582.3
fwE=1.61
20190217T101306.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=22.8 22.1 22.0
ALT/AZ=83.1 59.4
fwAVG=1.62
sdW=704.3
fwW=1.47
sdS=900.4
fwS=1.61
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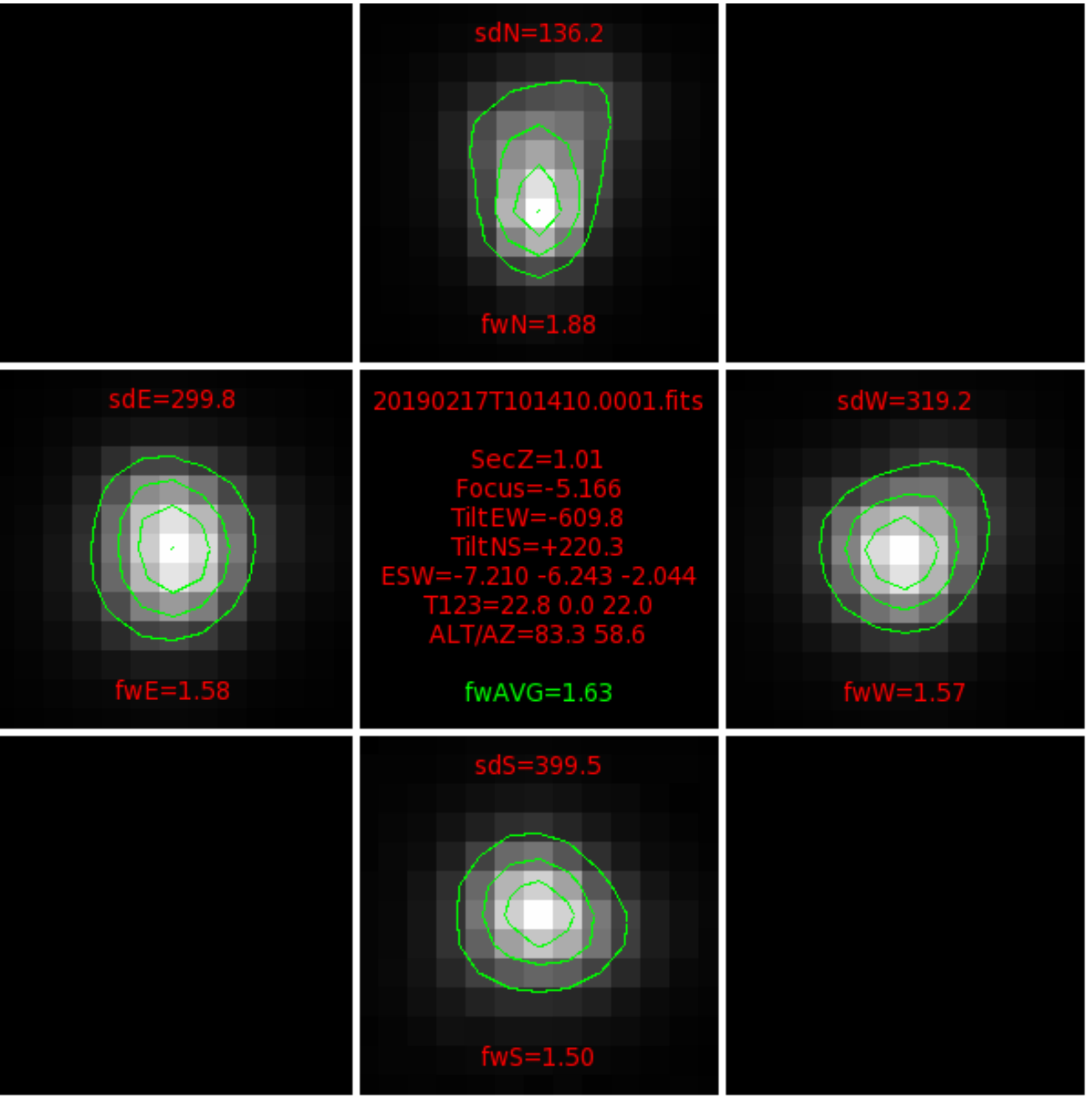
sdN=136.2
fwN=1.88
sdE=299.8
fwE=1.58
20190217T101410.0001.fits
SecZ=1.01
Focus=-5.166
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.210 -6.243 -2.044
T123=22.8 0.0 22.0
ALT/AZ=83.3 58.6
fwAVG=1.63
sdW=319.2
fwW=1.57
sdS=399.5
fwS=1.50
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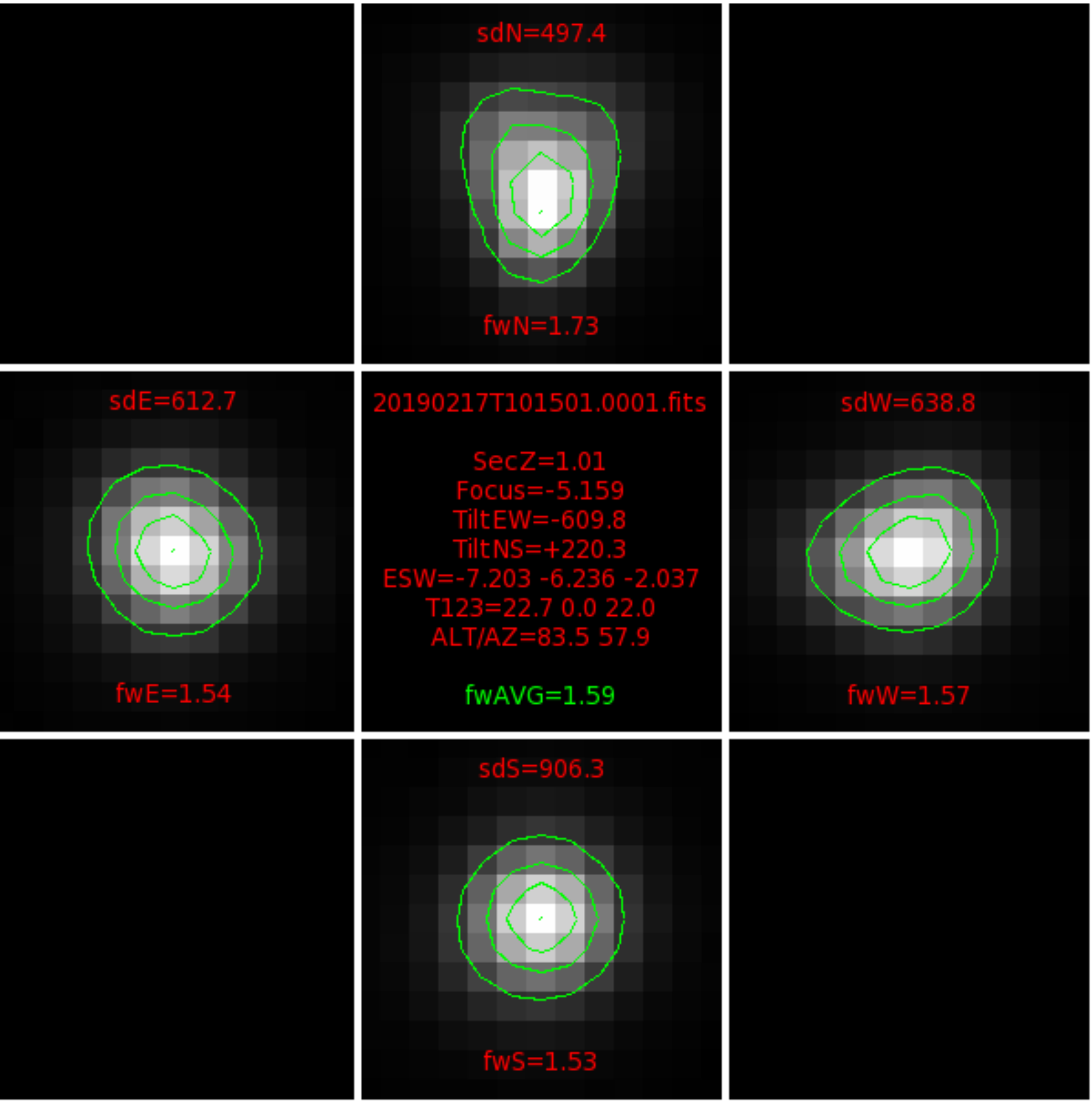
sdN=497.4
fwN=1.73
sdE=612.7
fwE=1.54
20190217T101501.0001.fits
SecZ=1.01
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.7 0.0 22.0
ALT/AZ=83.5 57.9
fwAVG=1.59
sdW=638.8
fwW=1.57
sdS=906.3
fwS=1.53
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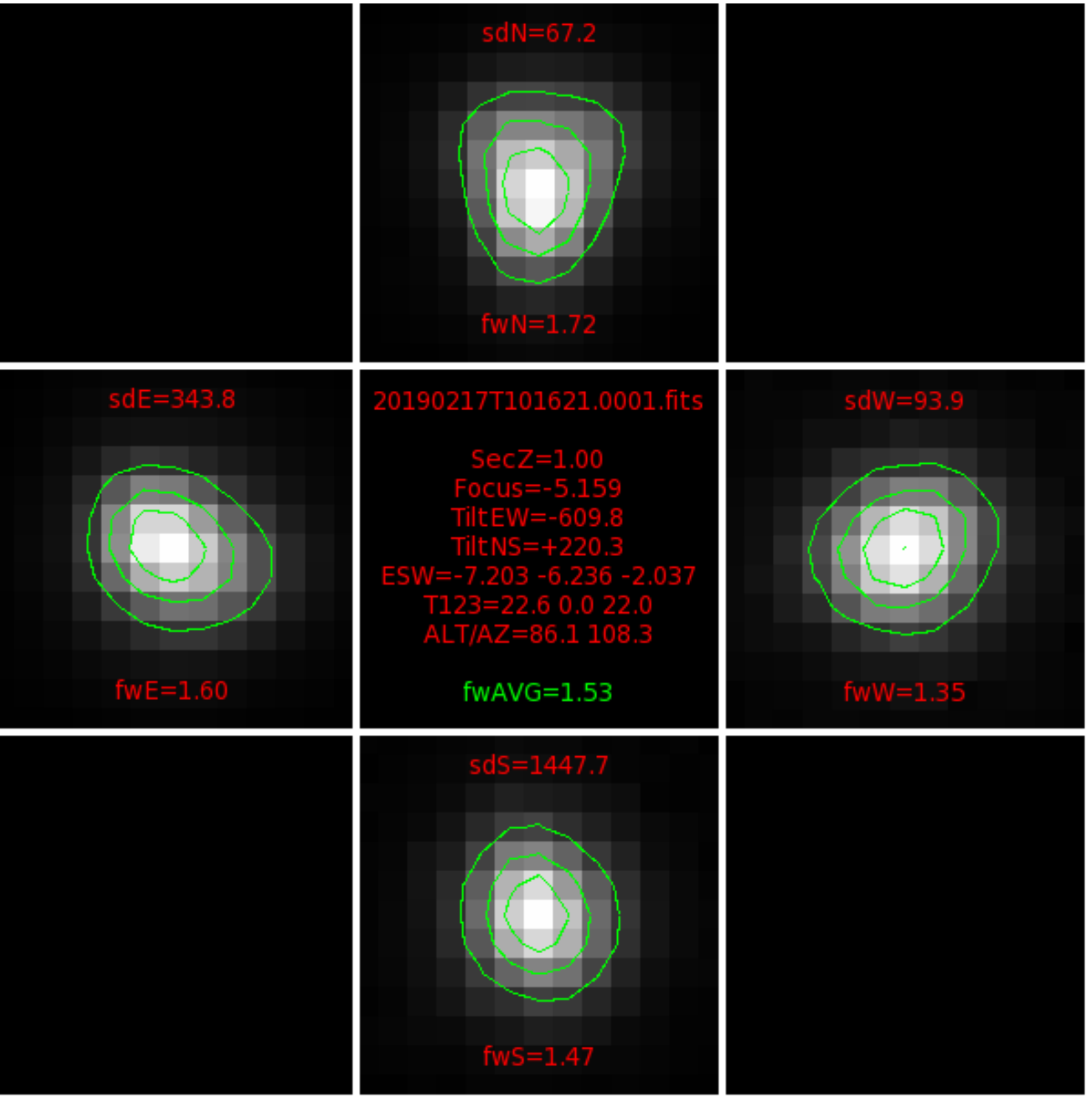
sdN=67.2
fwN=1.72
sdE=343.8
fwE=1.60
20190217T101621.0001.fits
SecZ=1.00
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.6 0.0 22.0
ALT/AZ=86.1 108.3
fwAVG=1.53
sdW=93.9
fwW=1.35
sdS=1447.7
fwS=1.47
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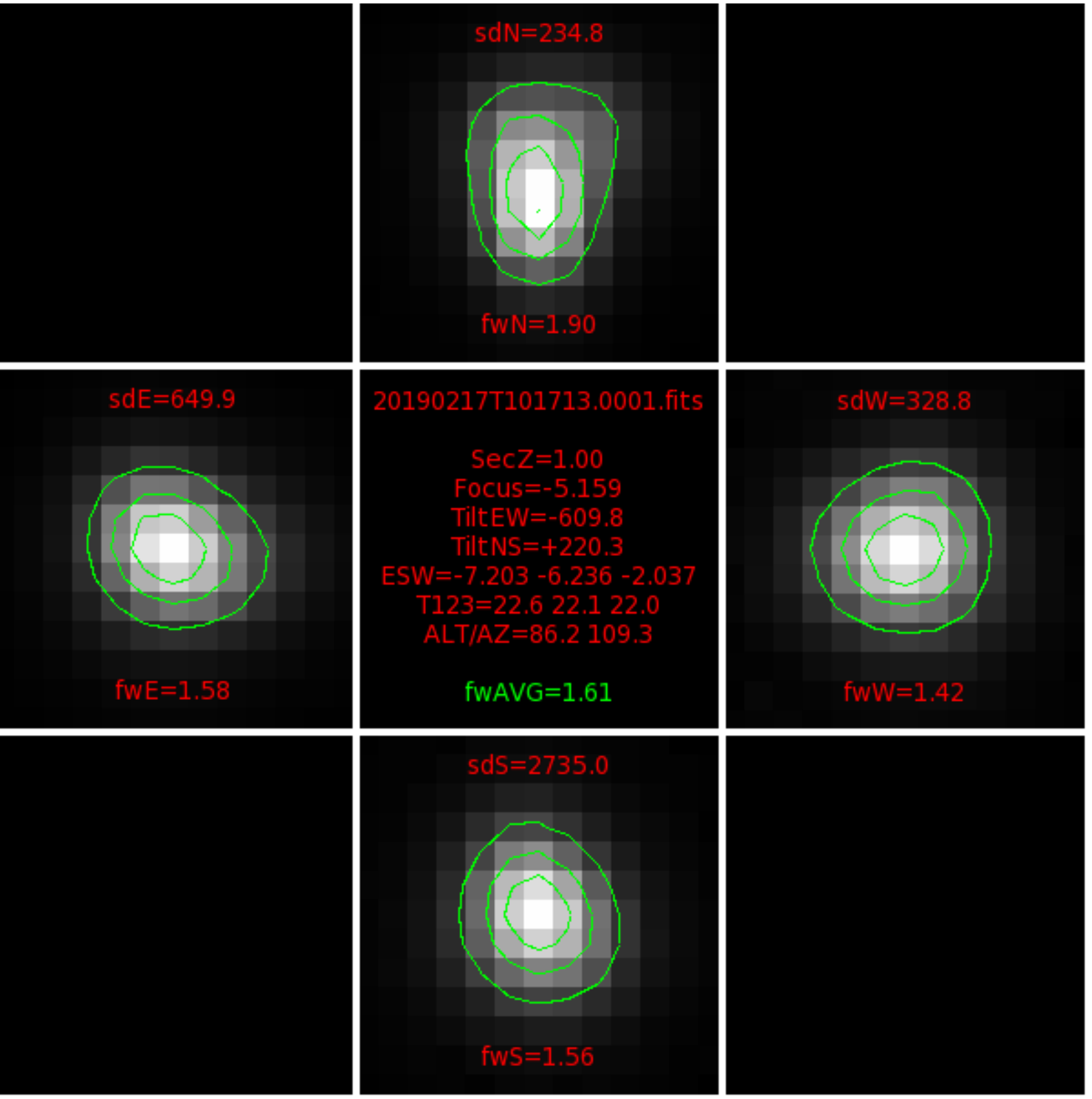
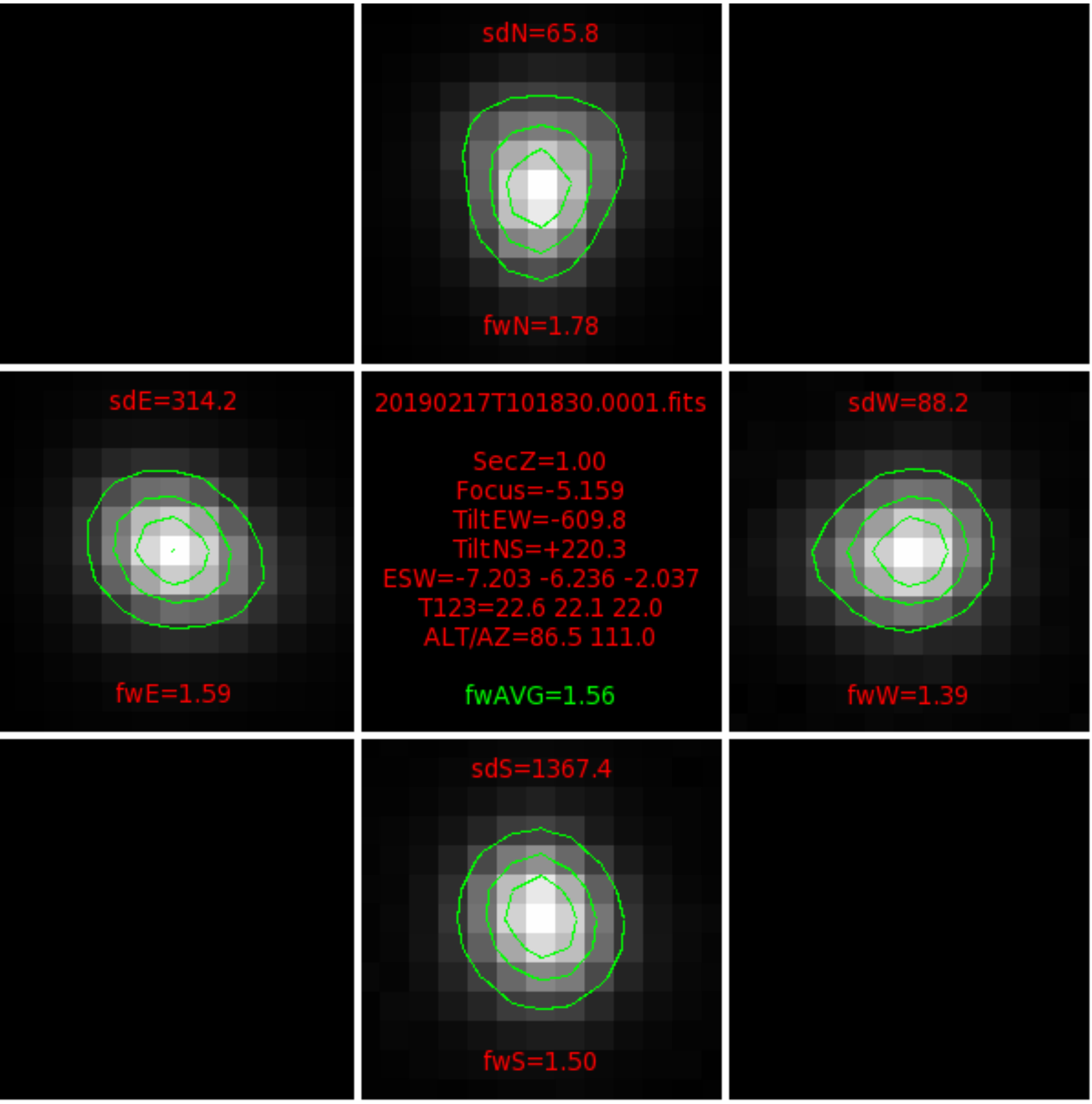

sdN=234.8
fwN=1.90
sdE=649.9
fwE=1.58
20190217T101713.0001.fits
SecZ=1.00
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.6 22.1 22.0
ALT/AZ=86.2 109.3
fwAVG=1.61
sdW=328.8
fwW=1.42
sdS=2735.0
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=65.8
fwN=1.78
sdE=314.2
fwE=1.59
20190217T101830.0001.fits
SecZ=1.00
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.6 22.1 22.0
ALT/AZ=86.5 111.0
fwAVG=1.56
sdW=88.2
fwW=1.39
sdS=1367.4
fwS=1.50
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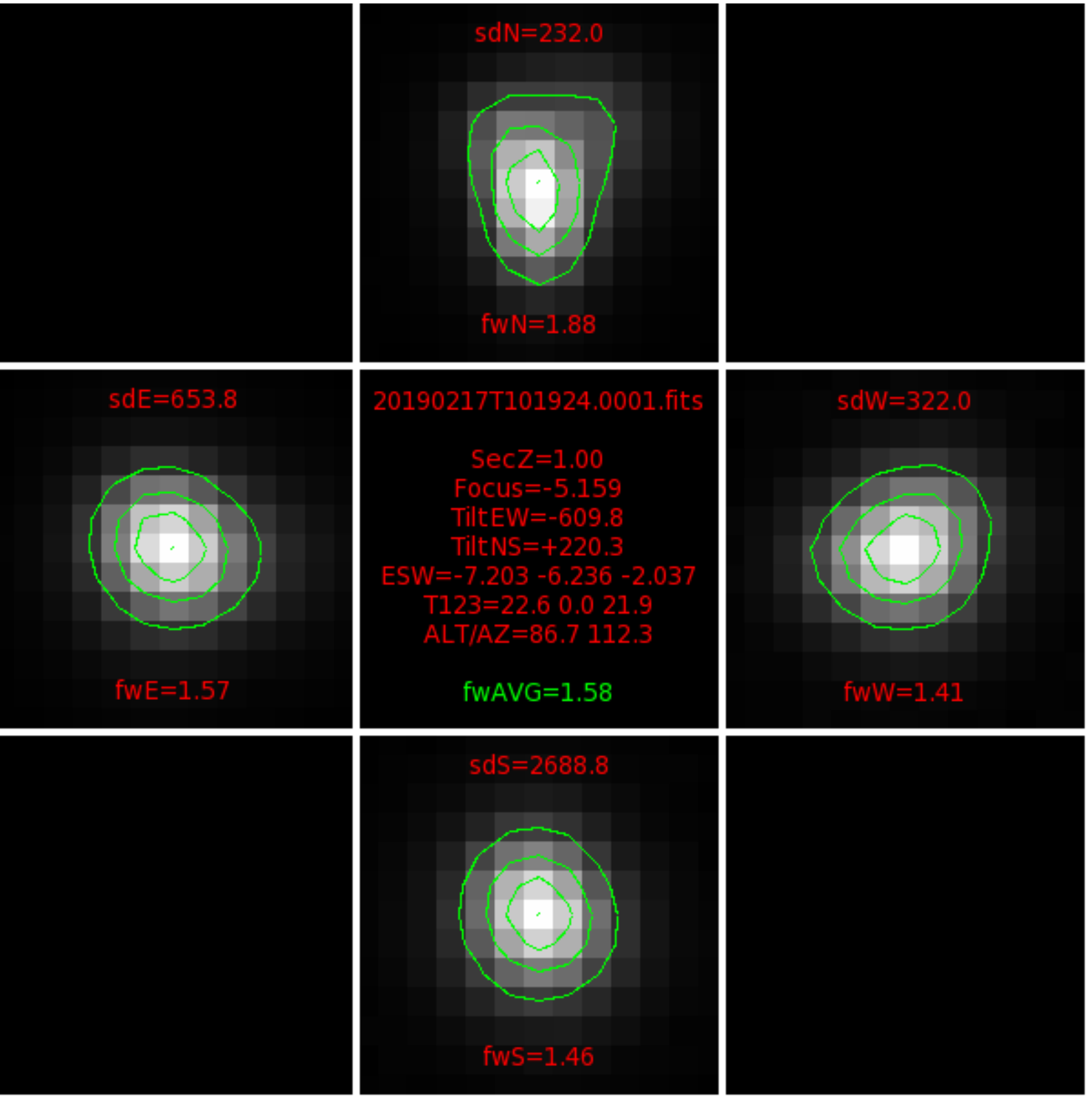
sdN=232.0
fwN=1.88
sdE=653.8
fwE=1.57
20190217T101924.0001.fits
SecZ=1.00
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.6 0.0 21.9
ALT/AZ=86.7 112.3
fwAVG=1.58
sdW=322.0
fwW=1.41
sdS=2688.8
fwS=1.46
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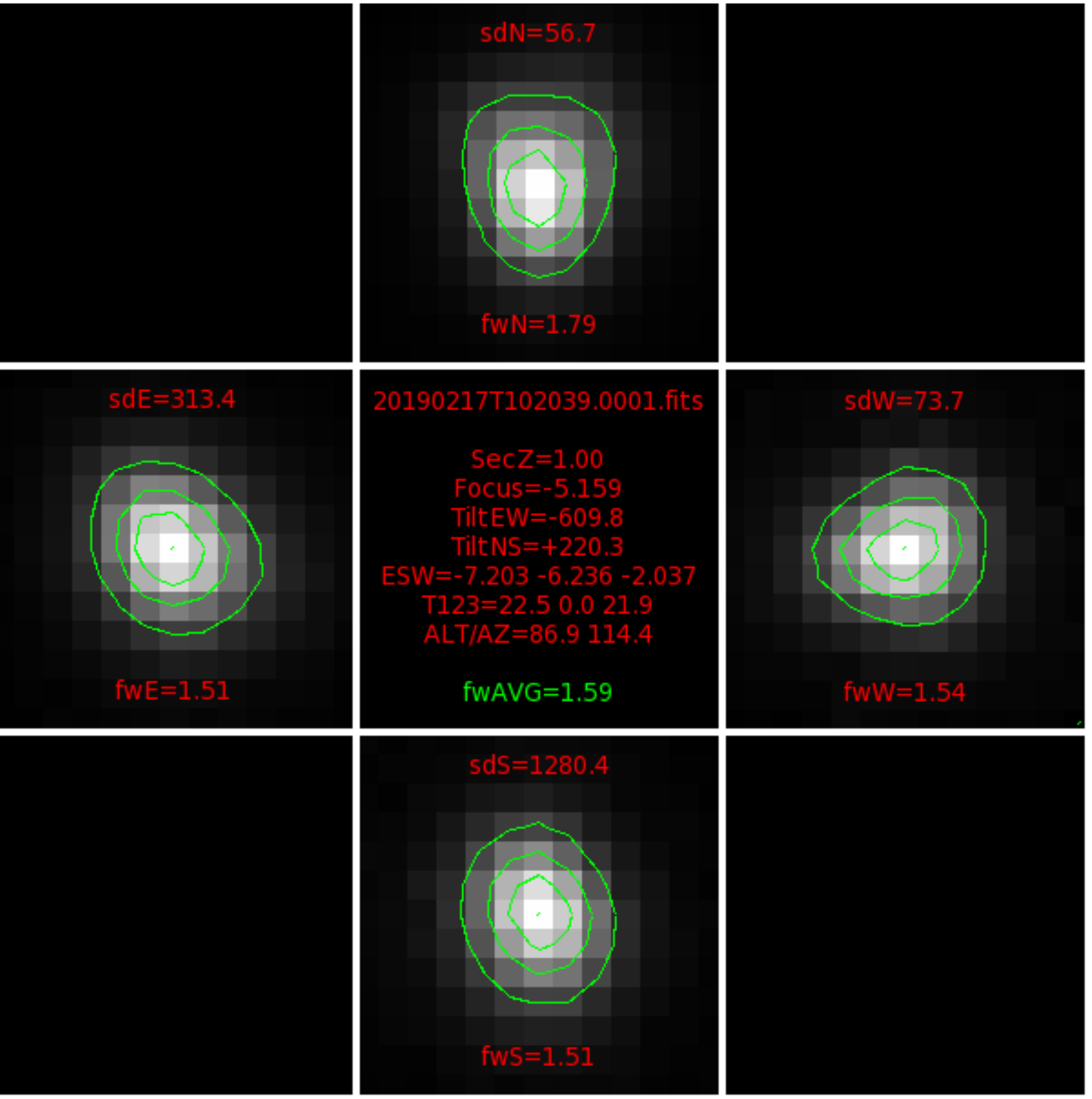
sdN=56.7
fwN=1.79
sdE=313.4
fwE=1.51
20190217T102039.0001.fits
SecZ=1.00
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.5 0.0 21.9
ALT/AZ=86.9 114.4
fwAVG=1.59
sdW=73.7
fwW=1.54
sdS=1280.4
fwS=1.51
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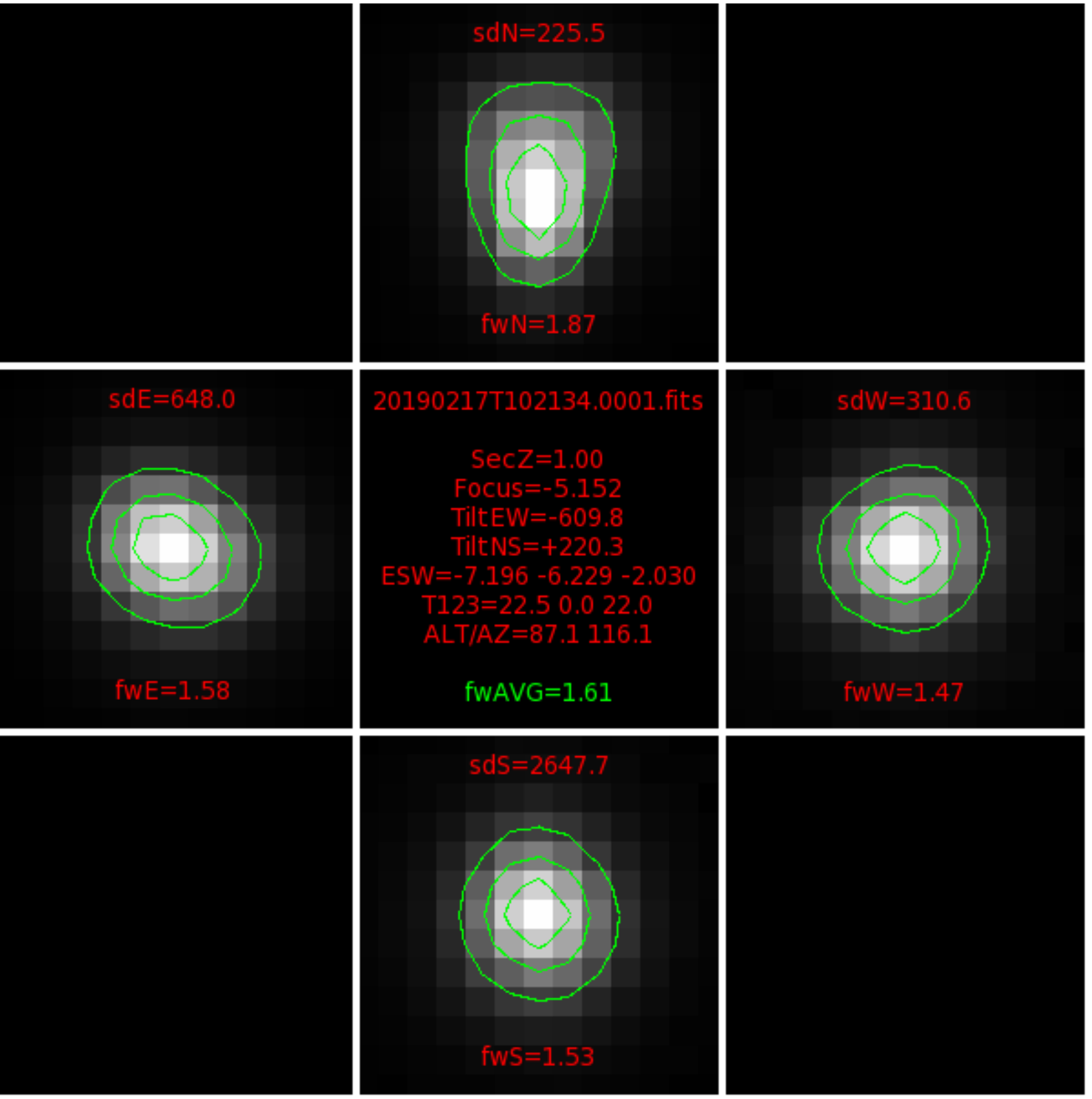
sdN=225.5
fwN=1.87
sdE=648.0
fwE=1.58
20190217T102134.0001.fits
SecZ=1.00
Focus=-5.152
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.196 -6.229 -2.030
T123=22.5 0.0 22.0
ALT/AZ=87.1 116.1
fwAVG=1.61
sdW=310.6
fwW=1.47
sdS=2647.7
fwS=1.53
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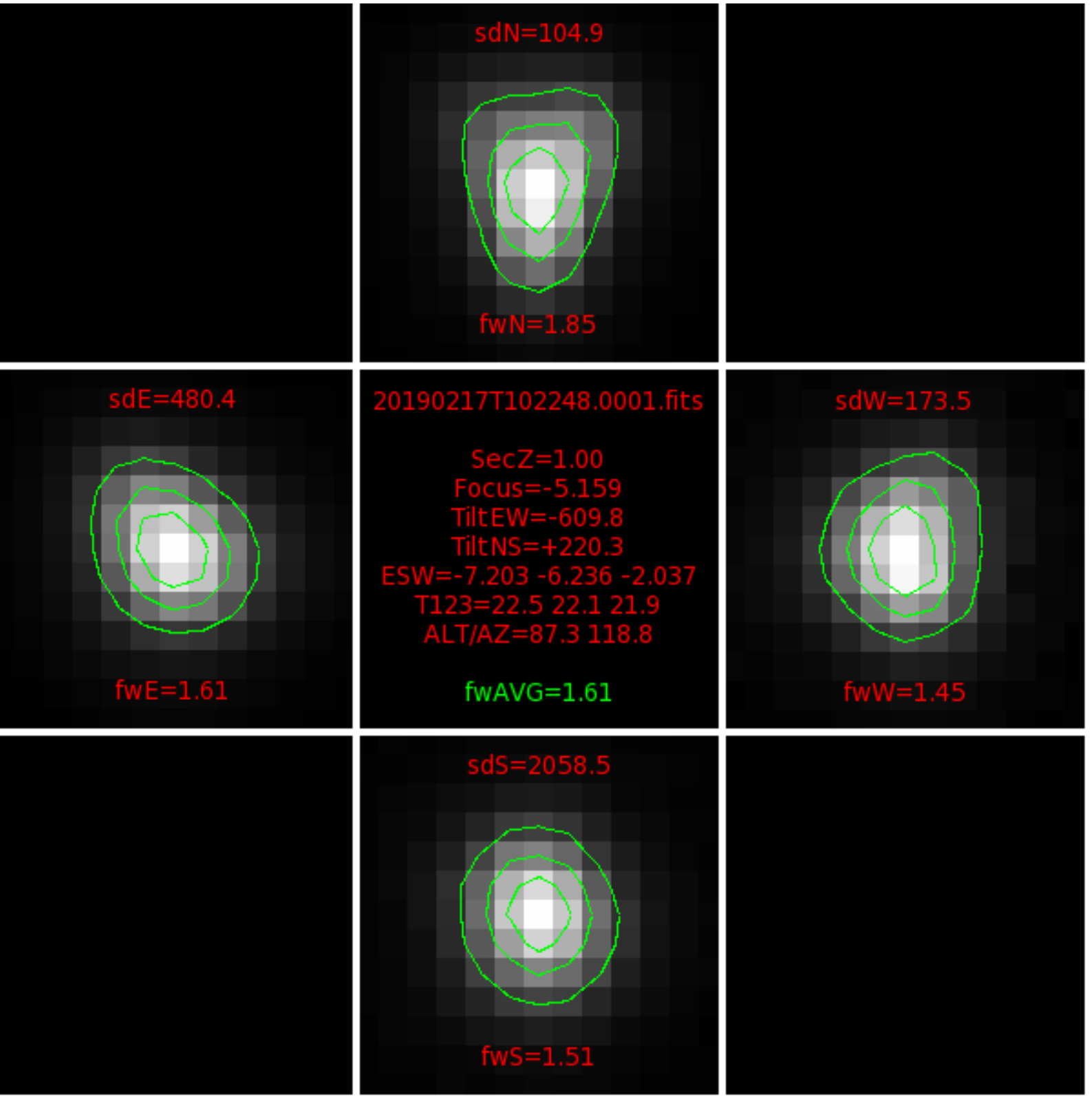
sdN=104.9
fwN=1.85
sdE=480.4
fwE=1.61
20190217T102248.0001.fits
SecZ=1.00
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.5 22.1 21.9
ALT/AZ=87.3 118.8
fwAVG=1.61
sdW=173.5
fwW=1.45
sdS=2058.5
fwS=1.51
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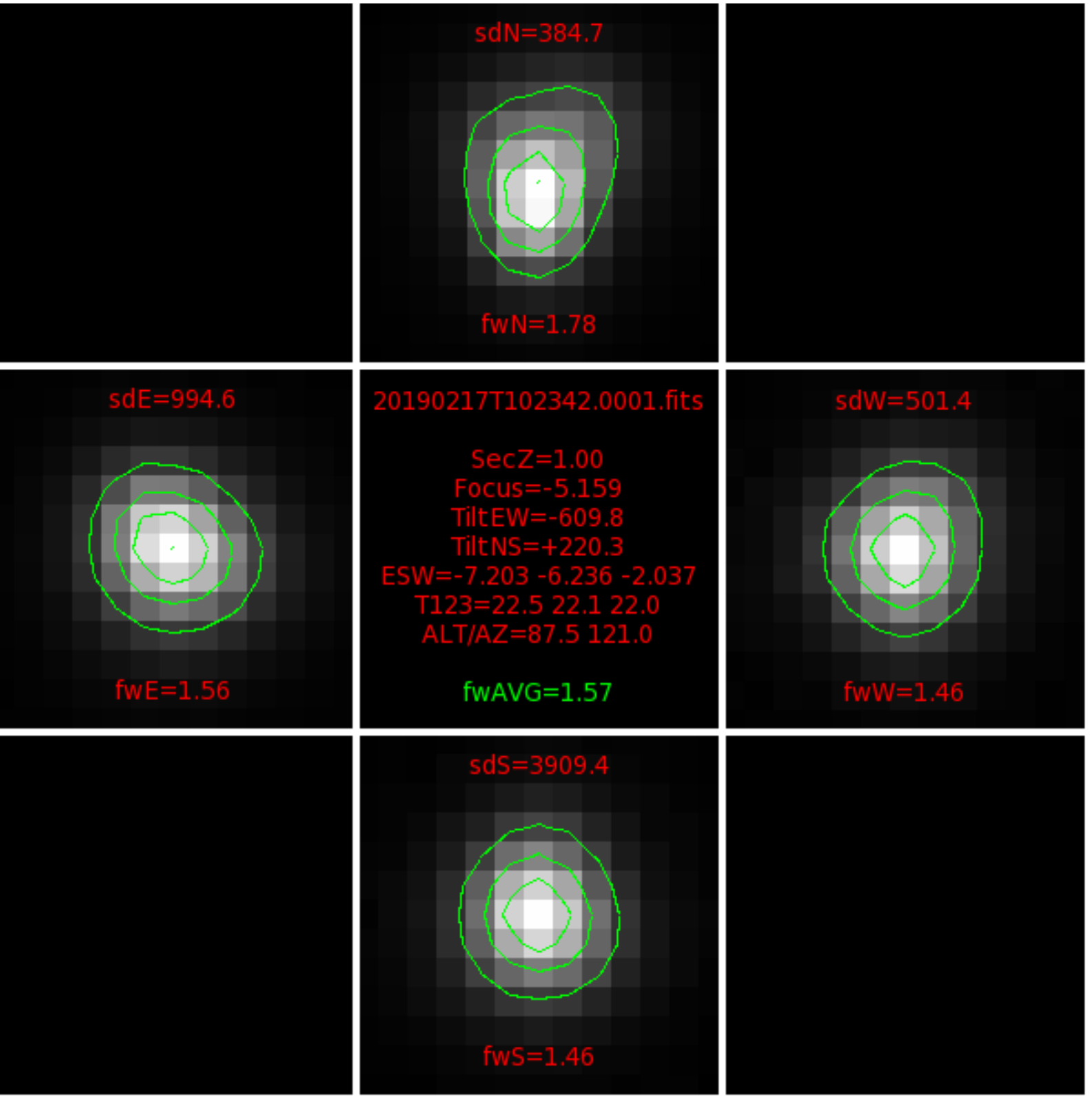
sdN=384.7
fwN=1.78
sdE=994.6
fwE=1.56
20190217T102342.0001.fits
SecZ=1.00
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.5 22.1 22.0
ALT/AZ=87.5 121.0
fwAVG=1.57
sdW=501.4
fwW=1.46
sdS=3909.4
fwS=1.46
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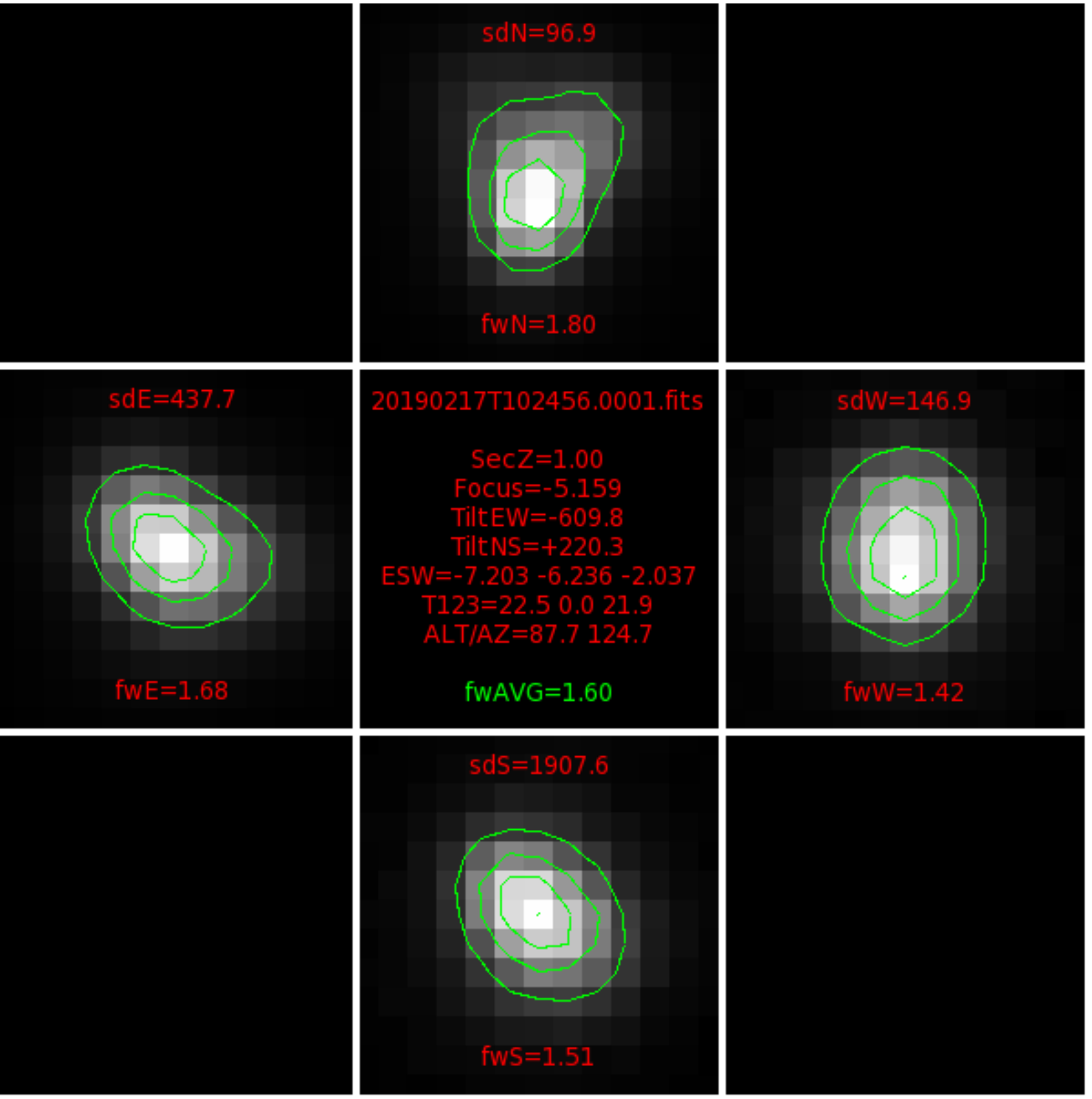
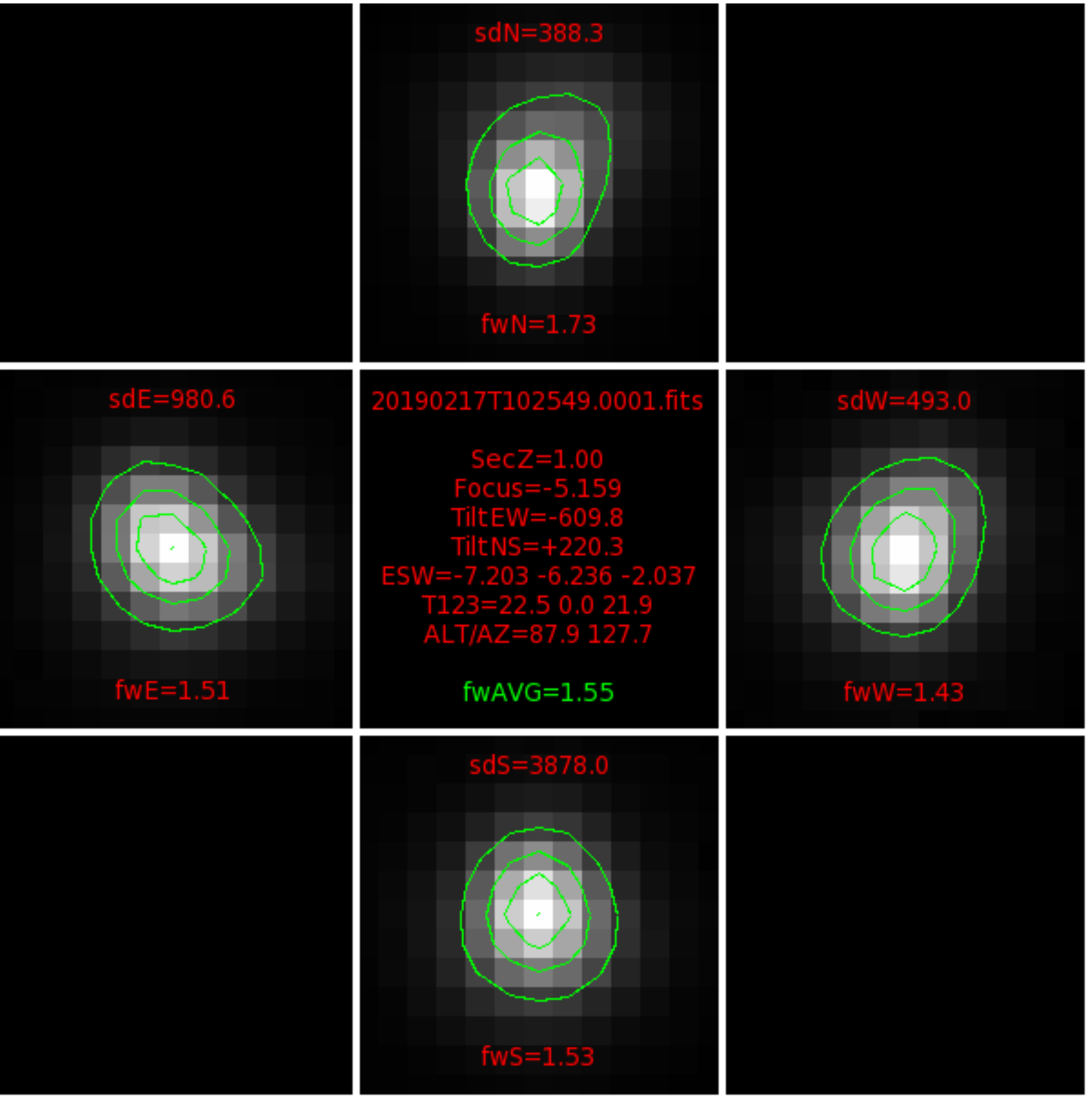
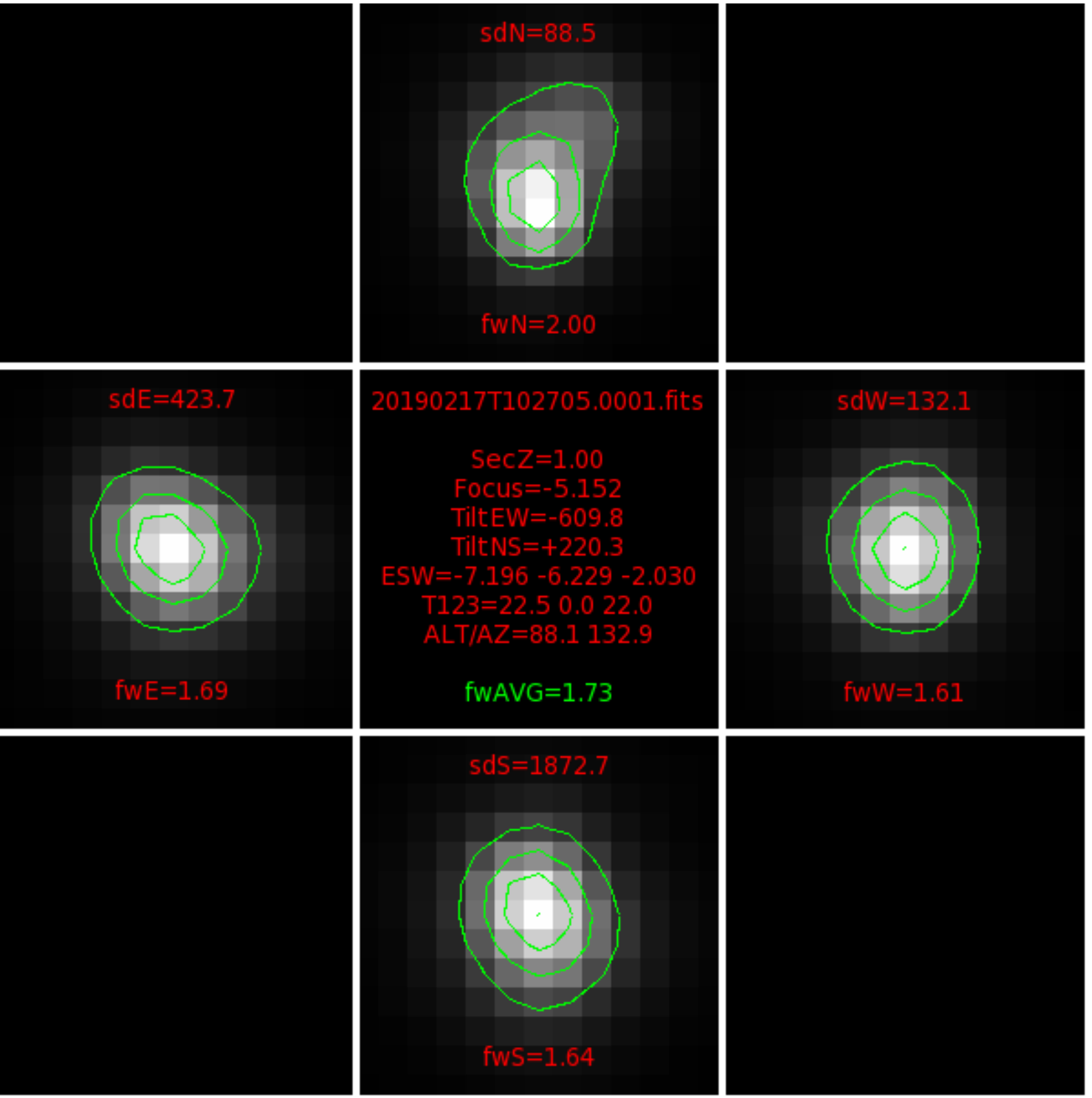

sdN=96.9
fwN=1.80
sdE=437.7
fwE=1.68
20190217T102456.0001.fits
SecZ=1.00
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.5 0.0 21.9
ALT/AZ=87.7 124.7
fwAVG=1.60
sdW=146.9
fwW=1.42
sdS=1907.6
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=388.3
fwN=1.73
sdE=980.6
fwE=1.51
20190217T102549.0001.fits
SecZ=1.00
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.5 0.0 21.9
ALT/AZ=87.9 127.7
fwAVG=1.55
sdW=493.0
fwW=1.43
sdS=3878.0
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=88.5
fwN=2.00
sdE=423.7
fwE=1.69
20190217T102705.0001.fits
SecZ=1.00
Focus=-5.152
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.196 -6.229 -2.030
T123=22.5 0.0 22.0
ALT/AZ=88.1 132.9
fwAVG=1.73
sdW=132.1
fwW=1.61
sdS=1872.7
fwS=1.64
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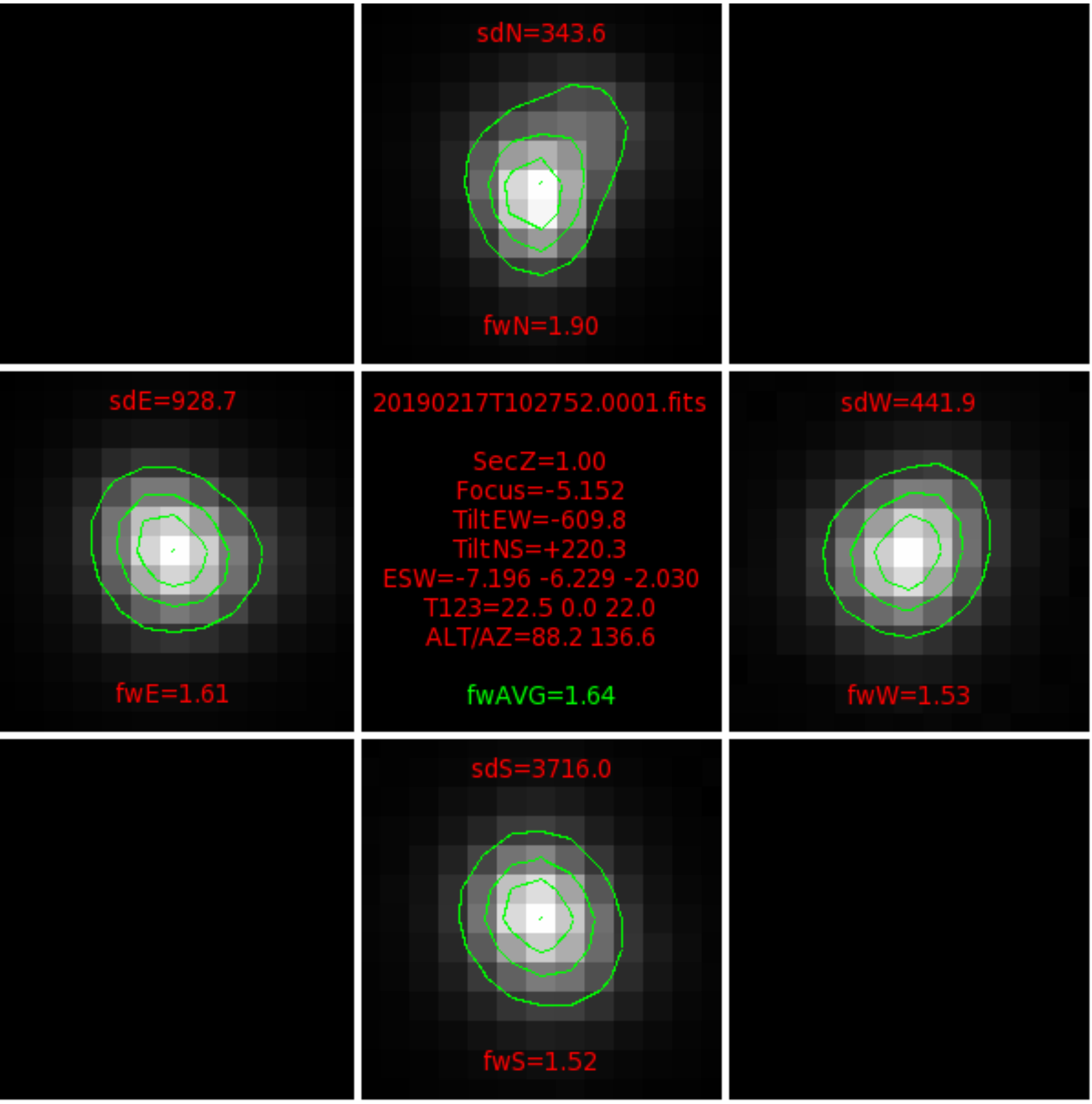
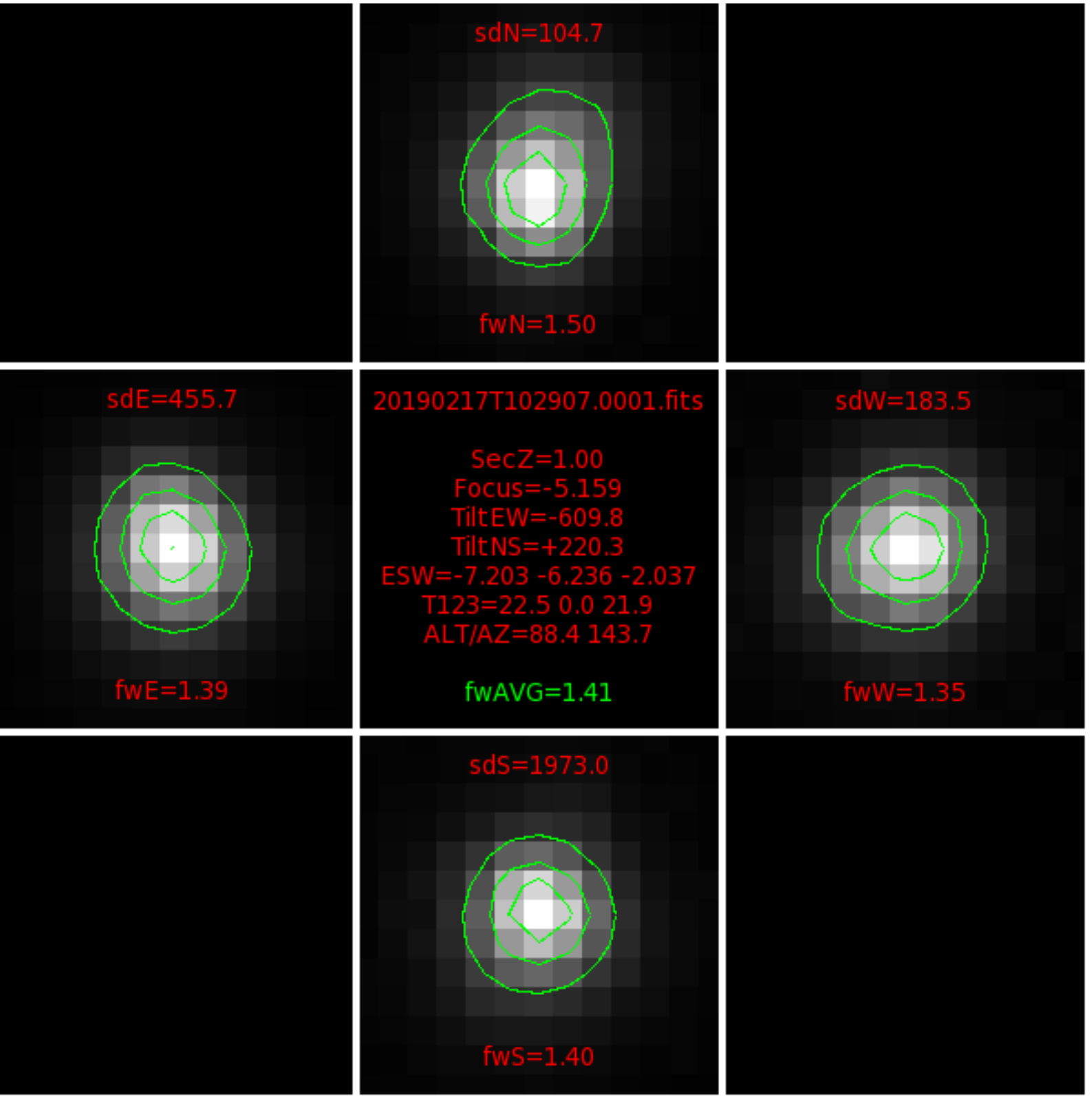

sdN=343.6
fwN=1.90
sdE=928.7
fwE=1.61
20190217T102752.0001.fits
SecZ=1.00
Focus=-5.152
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.196 -6.229 -2.030
T123=22.5 0.0 22.0
ALT/AZ=88.2 136.6
fwAVG=1.64
sdW=441.9
fwW=1.53
sdS=3716.0
fwS=1.52
0 0 0 0 0 0 0 0 0


sdN=104.7
fwN=1.50
sdE=455.7
fwE=1.39
20190217T102907.0001.fits
SecZ=1.00
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.5 0.0 21.9
ALT/AZ=88.4 143.7
fwAVG=1.41
sdW=183.5
fwW=1.35
sdS=1973.0
fwS=1.40
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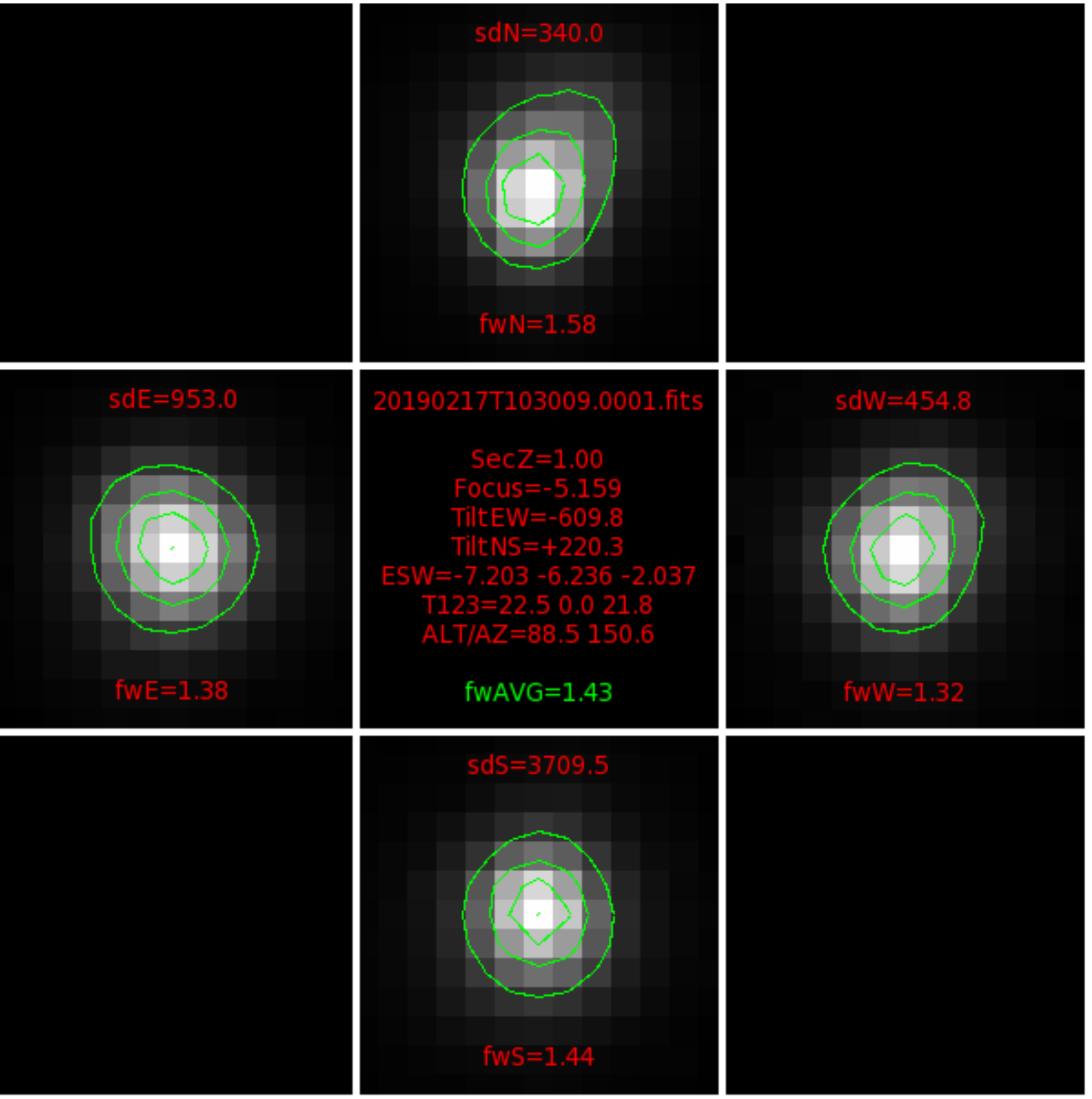
sdN=340.0
fwN=1.58
sdE=953.0
fwE=1.38
20190217T103009.0001.fits
SecZ=1.00
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.5 0.0 21.8
ALT/AZ=88.5 150.6
fwAVG=1.43
sdW=454.8
fwW=1.32
sdS=3709.5
fwS=1.44
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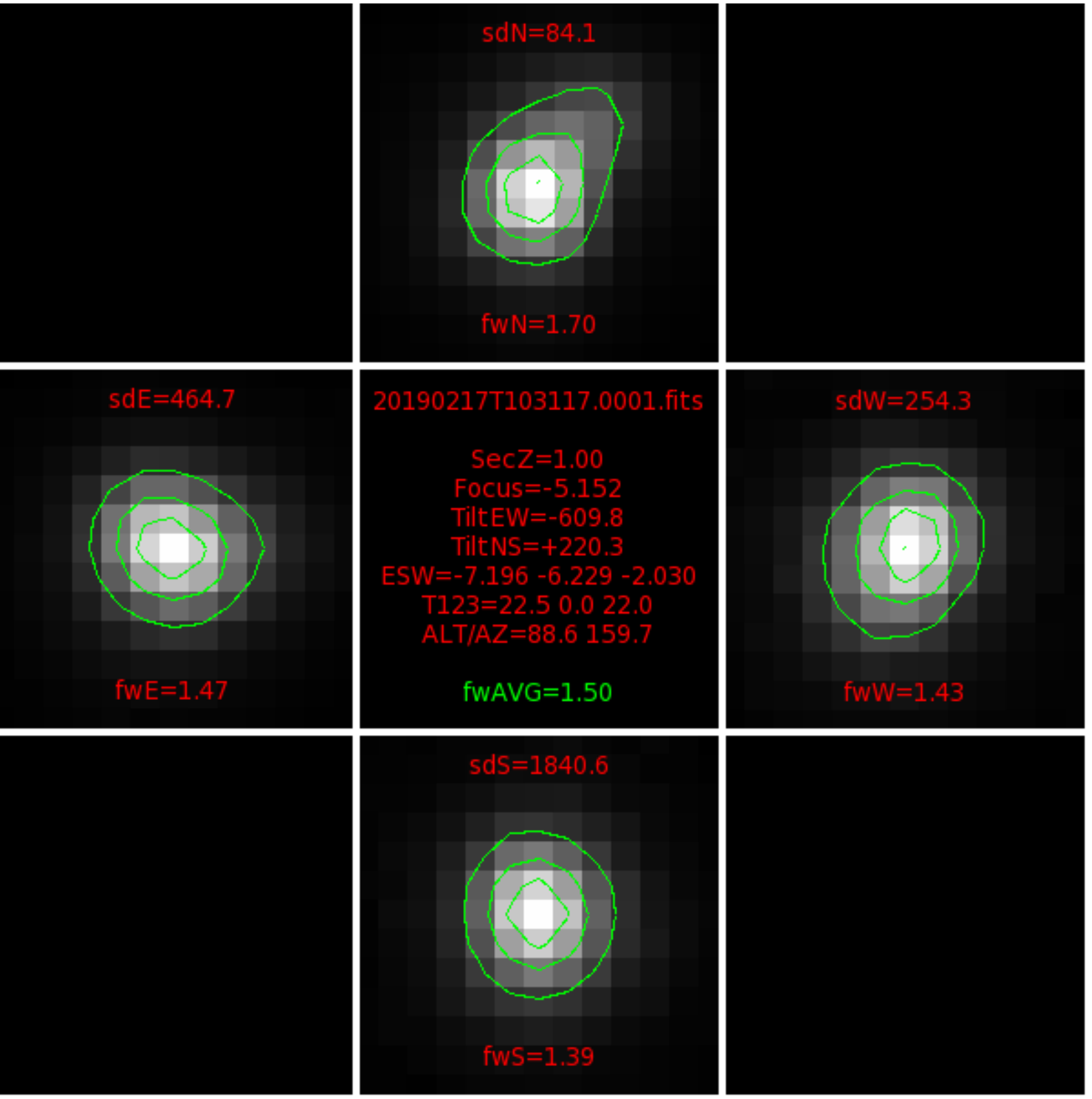
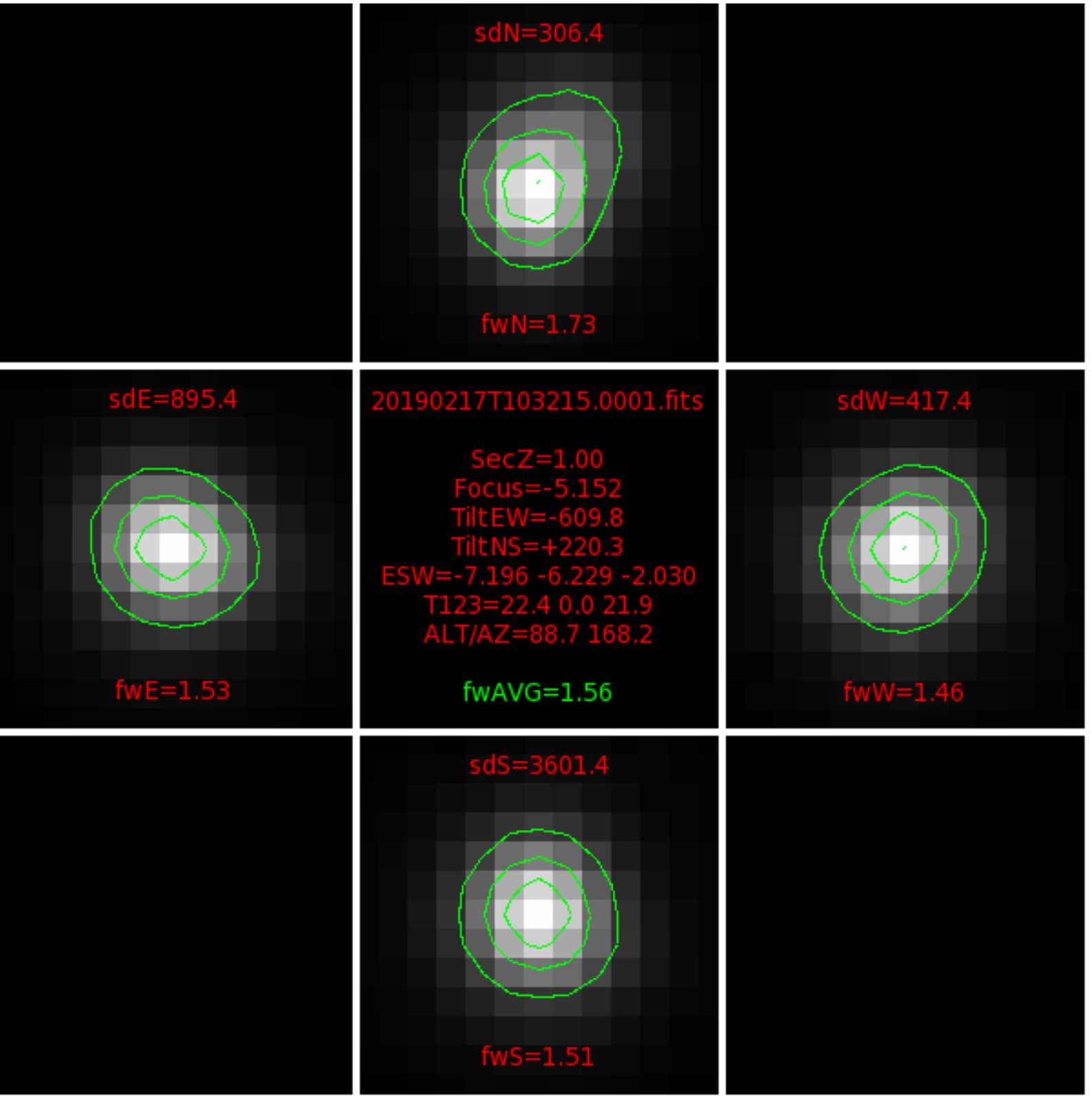

sdN=84.1
fwN=1.70
sdE=464.7
fwE=1.47
20190217T103117.0001.fits
SecZ=1.00
Focus=-5.152
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.196 -6.229 -2.030
T123=22.5 0.0 22.0
ALT/AZ=88.6 159.7
fwAVG=1.50
sdW=254.3
fwW=1.43
sdS=1840.6
fwS=1.39
0 0 0 0 0 0 0 0 0


sdN=306.4
fwN=1.73
sdE=895.4
fwE=1.53
20190217T103215.0001.fits
SecZ=1.00
Focus=-5.152
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.196 -6.229 -2.030
T123=22.4 0.0 21.9
ALT/AZ=88.7 168.2
fwAVG=1.56
sdW=417.4
fwW=1.46
sdS=3601.4
fwS=1.51
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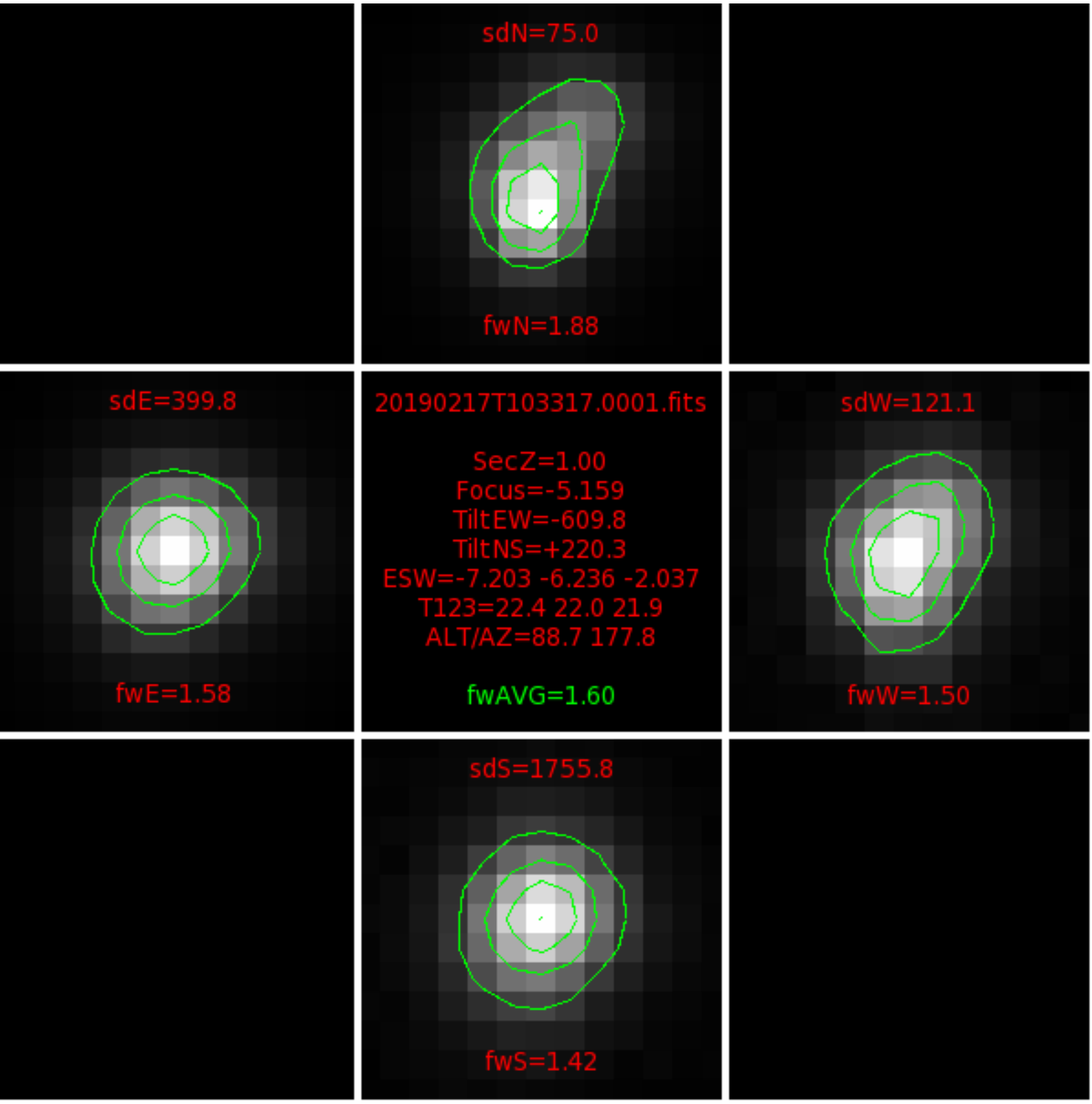
sdN=75.0
fwN=1.88
sdE=399.8
fwE=1.58
20190217T103317.0001.fits
SecZ=1.00
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.4 22.0 21.9
ALT/AZ=88.7 177.8
fwAVG=1.60
sdW=121.1
fwW=1.50
sdS=1755.8
fwS=1.42
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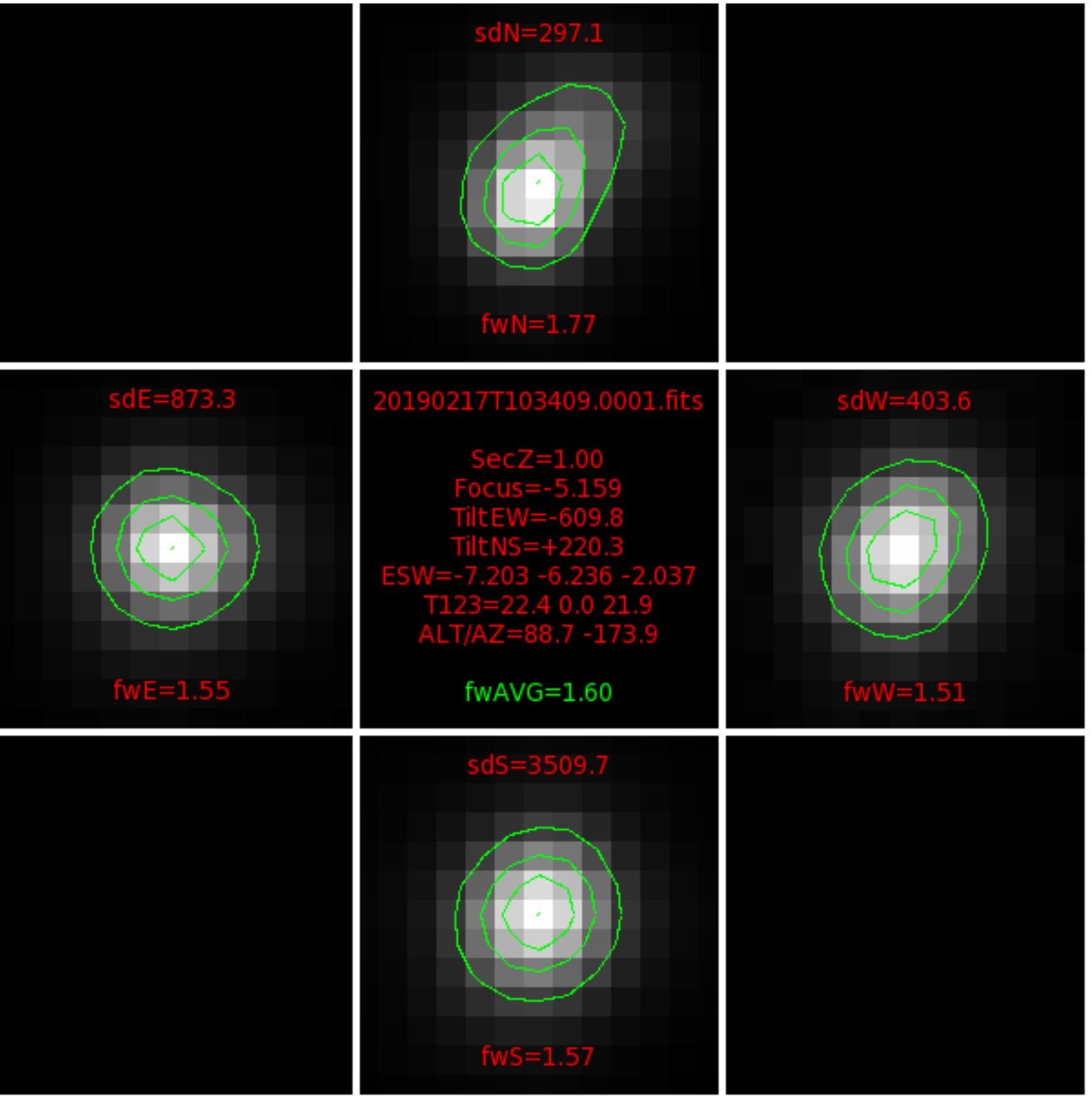
sdN=297.1
fwN=1.77
sdE=873.3
fwE=1.55
20190217T103409.0001.fits
SecZ=1.00
Focus=-5.159
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.203 -6.236 -2.037
T123=22.4 0.0 21.9
ALT/AZ=88.7 -173.9
fwAVG=1.60
sdW=403.6
fwW=1.51
sdS=3509.7
fwS=1.57
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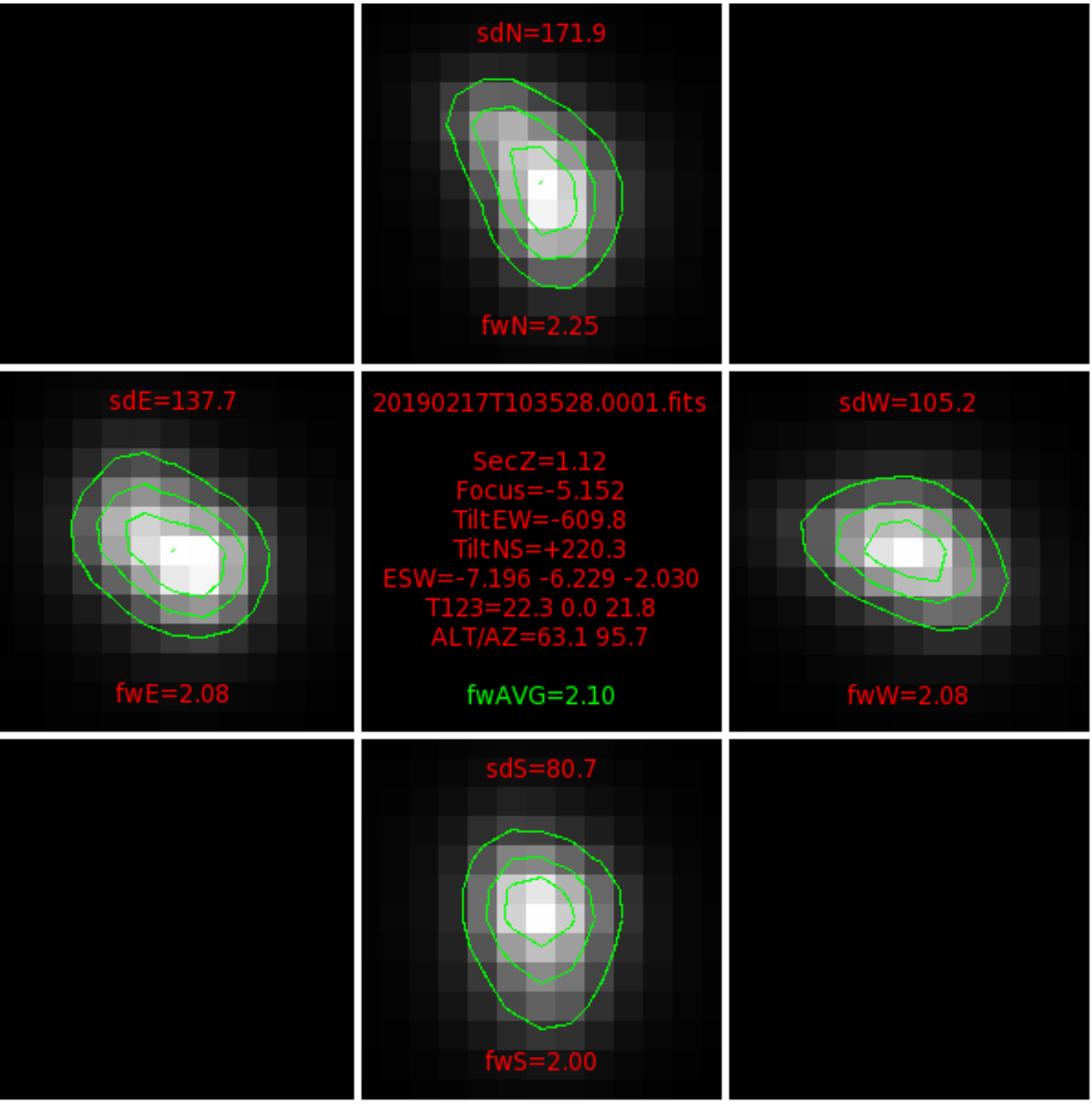
sdN=171.9
fwN=2.25
sdE=137.7
fwE=2.08
20190217T103528.0001.fits
SecZ=1.12
Focus=-5.152
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.196 -6.229 -2.030
T123=22.3 0.0 21.8
ALT/AZ=63.1 95.7
fwAVG=2.10
sdW=105.2
fwW=2.08
sdS=80.7
fwS=2.00
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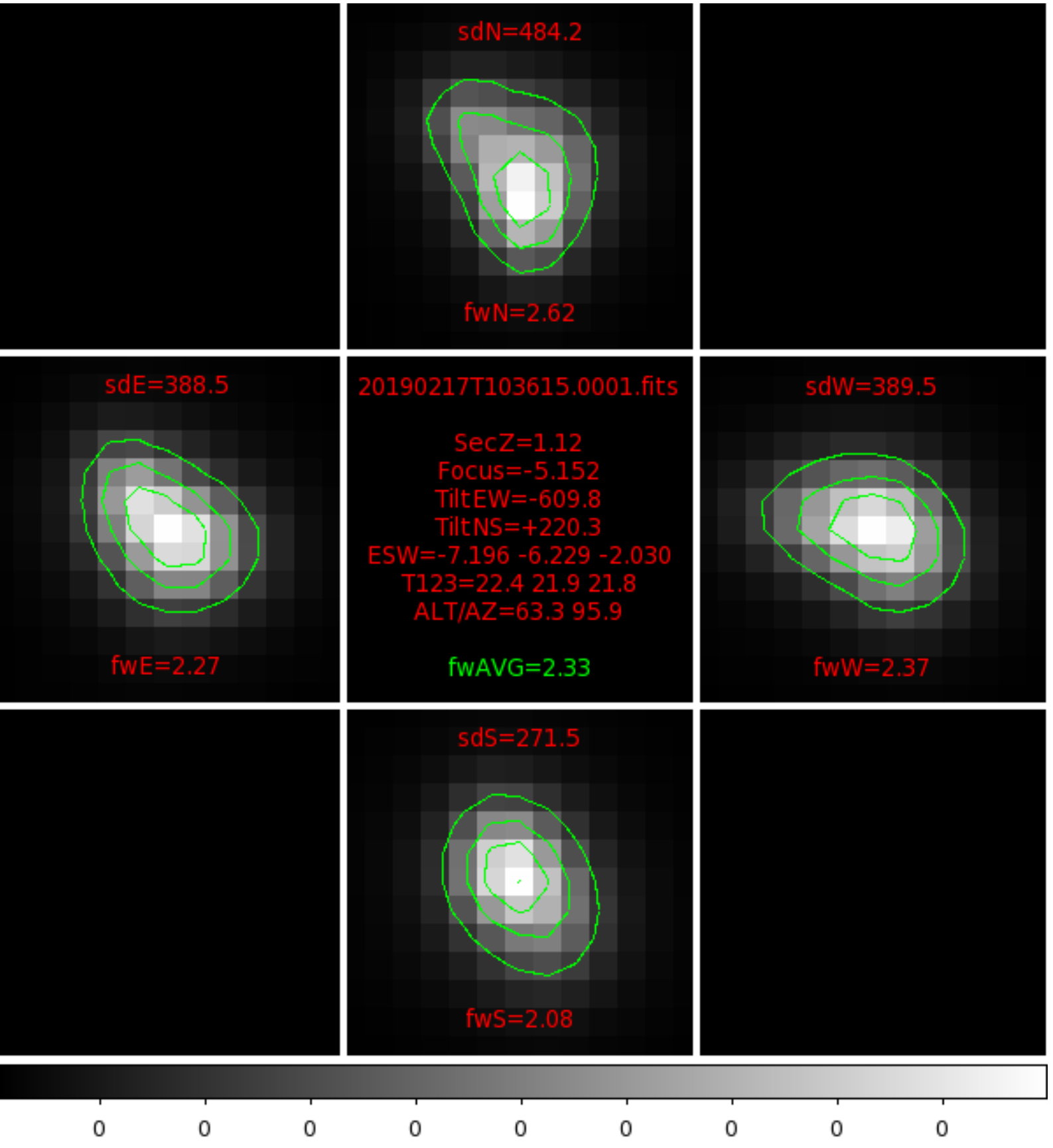
sdN=484.2
fwN=2.62
sdE=388.5
fwE=2.27
20190217T103615.0001.fits
SecZ=1.12
Focus=-5.152
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.196 -6.229 -2.030
T123=22.4 21.9 21.8
ALT/AZ=63.3 95.9
fwAVG=2.33
sdW=389.5
fwW=2.37
sdS=271.5
fwS=2.08
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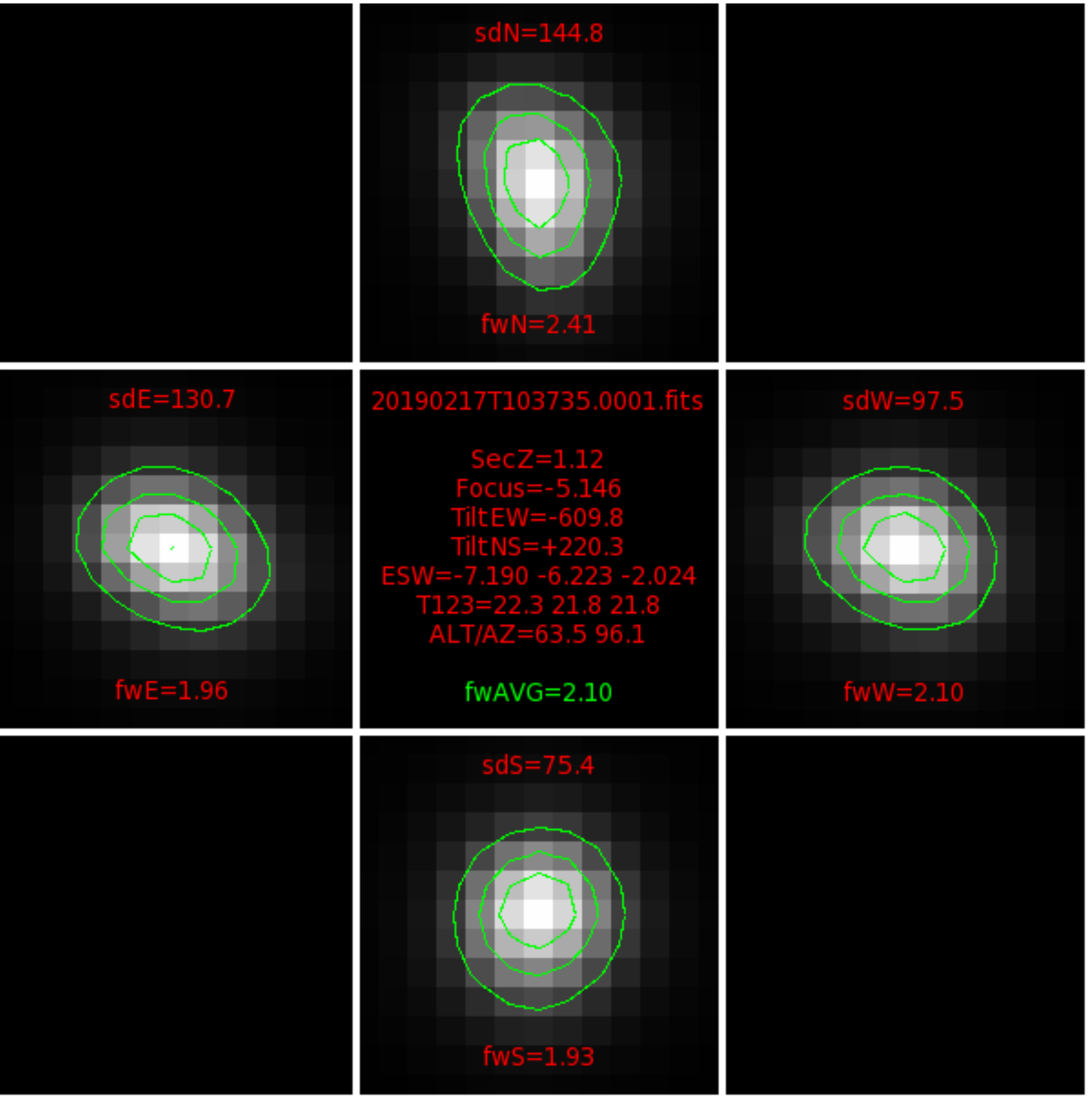
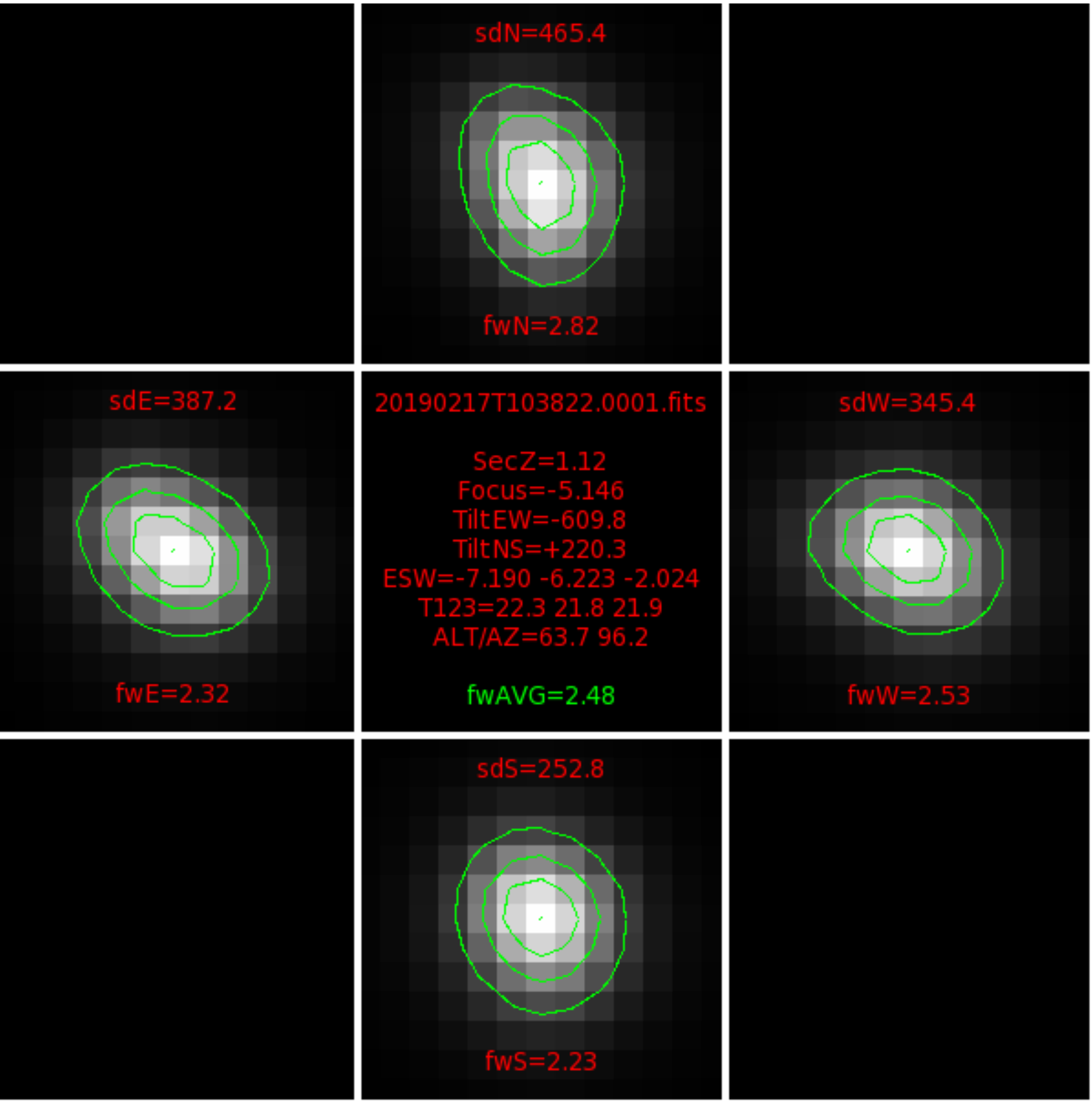

sdN=144.8
fwN=2.41
sdE=130.7
fwE=1.96
20190217T103735.0001.fits
SecZ=1.12
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.3 21.8 21.8
ALT/AZ=63.5 96.1
fwAVG=2.10
sdW=97.5
fwW=2.10
sdS=75.4
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=465.4
fwN=2.82
sdE=387.2
fwE=2.32
20190217T103822.0001.fits
SecZ=1.12
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.3 21.8 21.9
ALT/AZ=63.7 96.2
fwAVG=2.48
sdW=345.4
fwW=2.53
sdS=252.8
fwS=2.23
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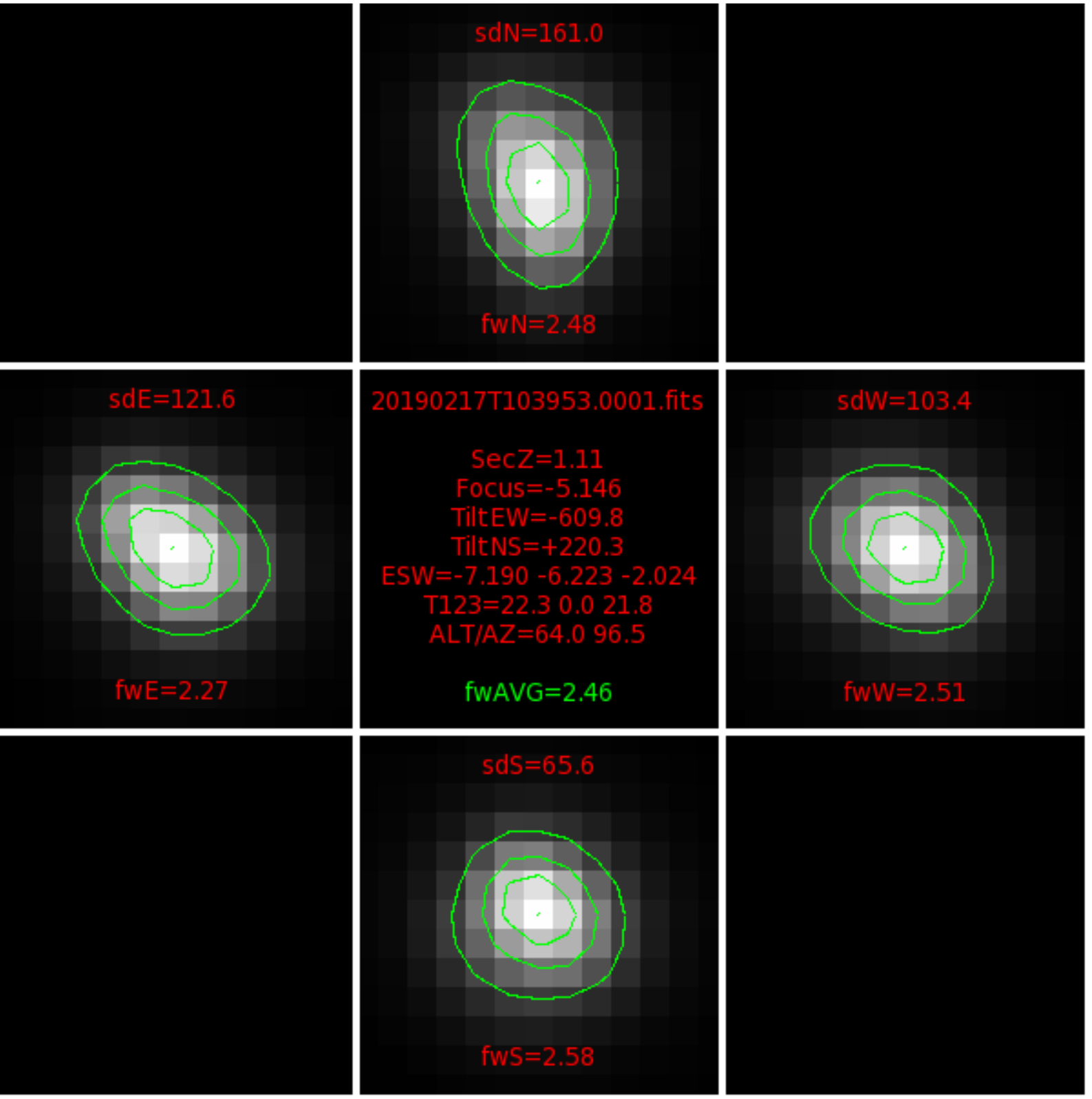
sdN=161.0
fwN=2.48
sdE=121.6
fwE=2.27
20190217T103953.0001.fits
SecZ=1.11
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.3 0.0 21.8
ALT/AZ=64.0 96.5
fwAVG=2.46
sdW=103.4
fwW=2.51
sdS=65.6
fwS=2.58
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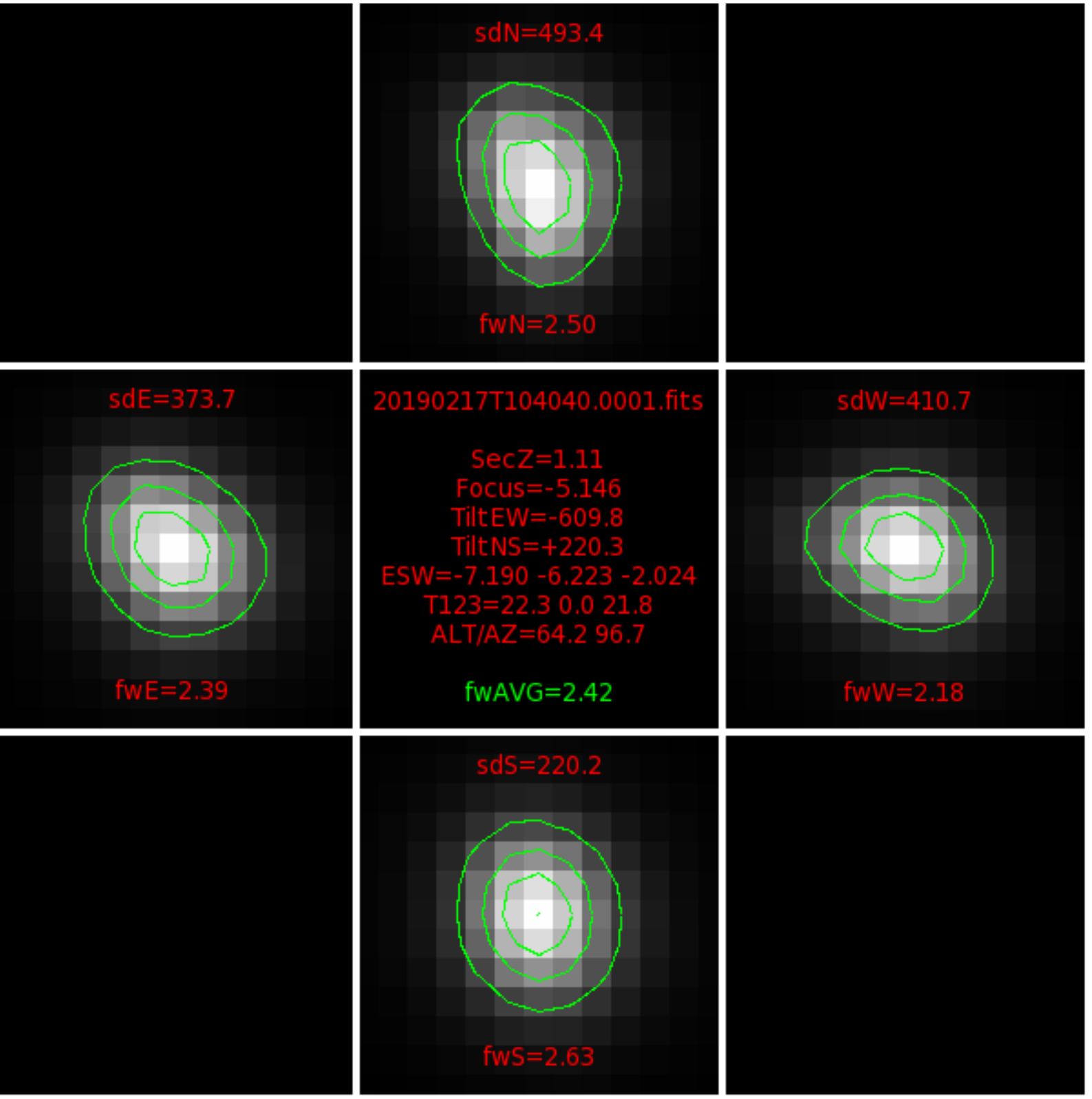
sdN=493.4
fwN=2.50
sdE=373.7
fwE=2.39
20190217T104040.0001.fits
SecZ=1.11
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.3 0.0 21.8
ALT/AZ=64.2 96.7
fwAVG=2.42
sdW=410.7
fwW=2.18
sdS=220.2
fwS=2.63
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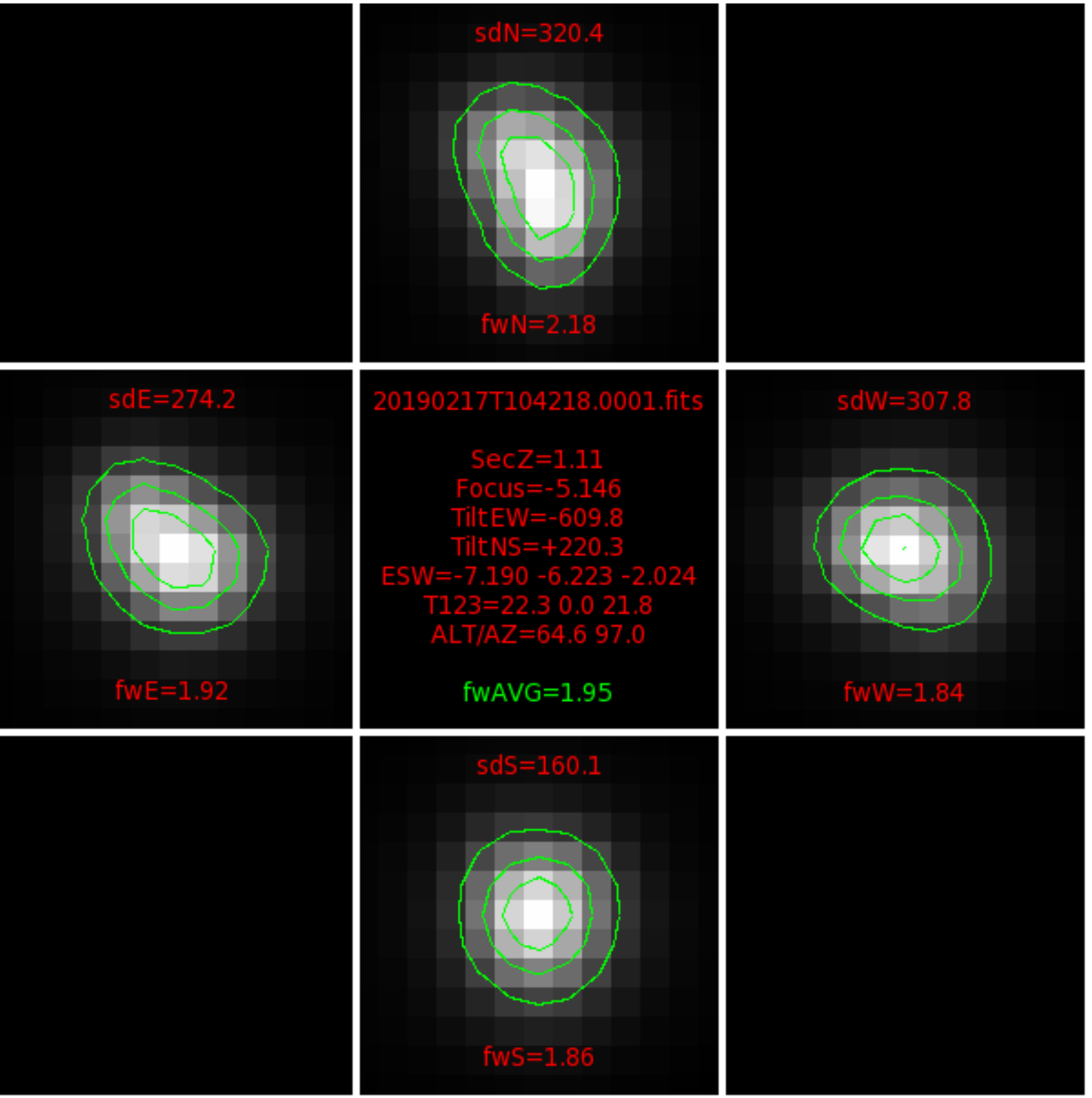
sdN=320.4
fwN=2.18
sdE=274.2
fwE=1.92
20190217T104218.0001.fits
SecZ=1.11
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.3 0.0 21.8
ALT/AZ=64.6 97.0
fwAVG=1.95
sdW=307.8
fwW=1.84
sdS=160.1
fwS=1.86
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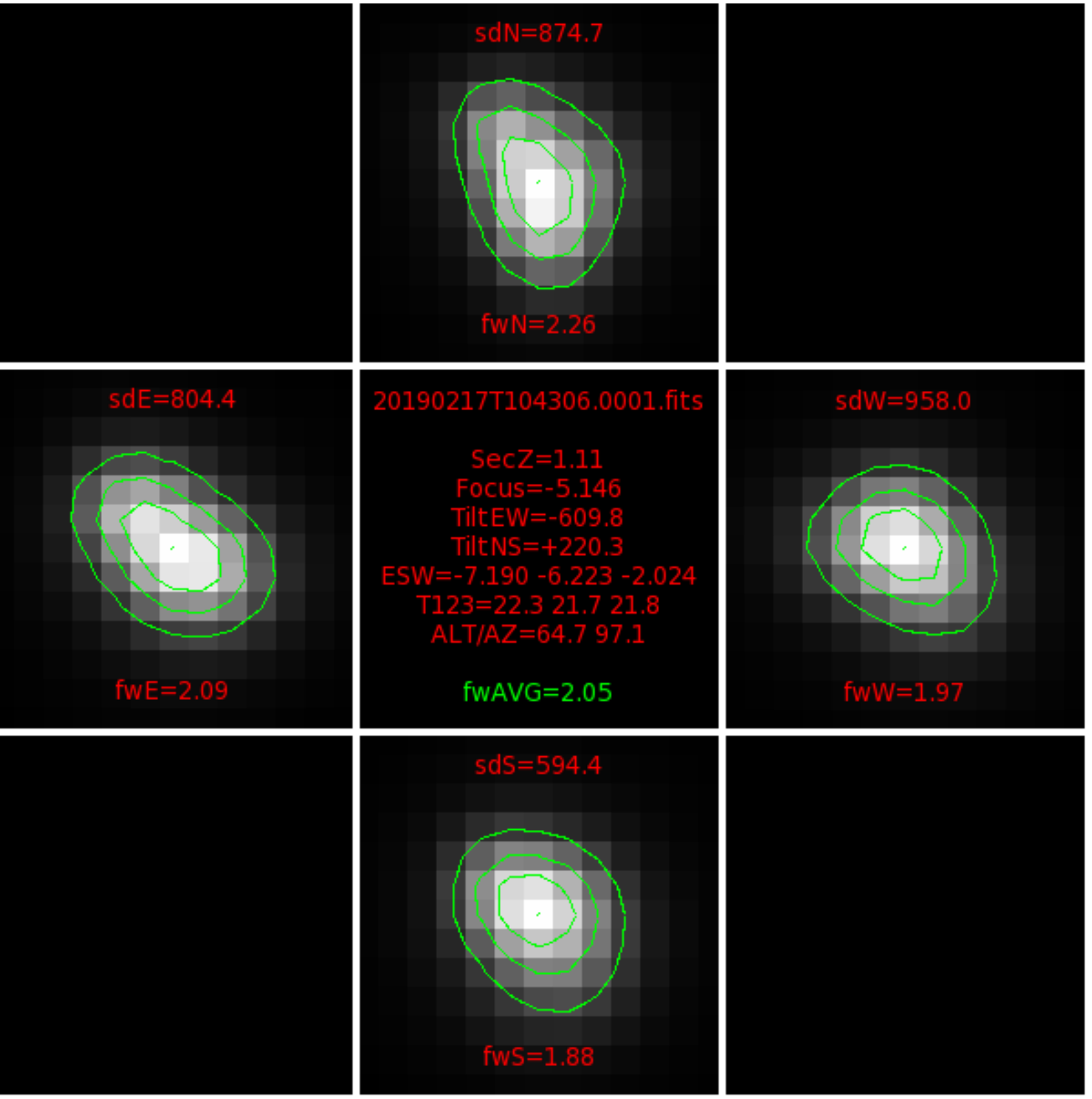
sdN=874.7
fwN=2.26
sdE=804.4
fwE=2.09
20190217T104306.0001.fits
SecZ=1.11
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.3 21.7 21.8
ALT/AZ=64.7 97.1
fwAVG=2.05
sdW=958.0
fwW=1.97
sdS=594.4
fwS=1.88
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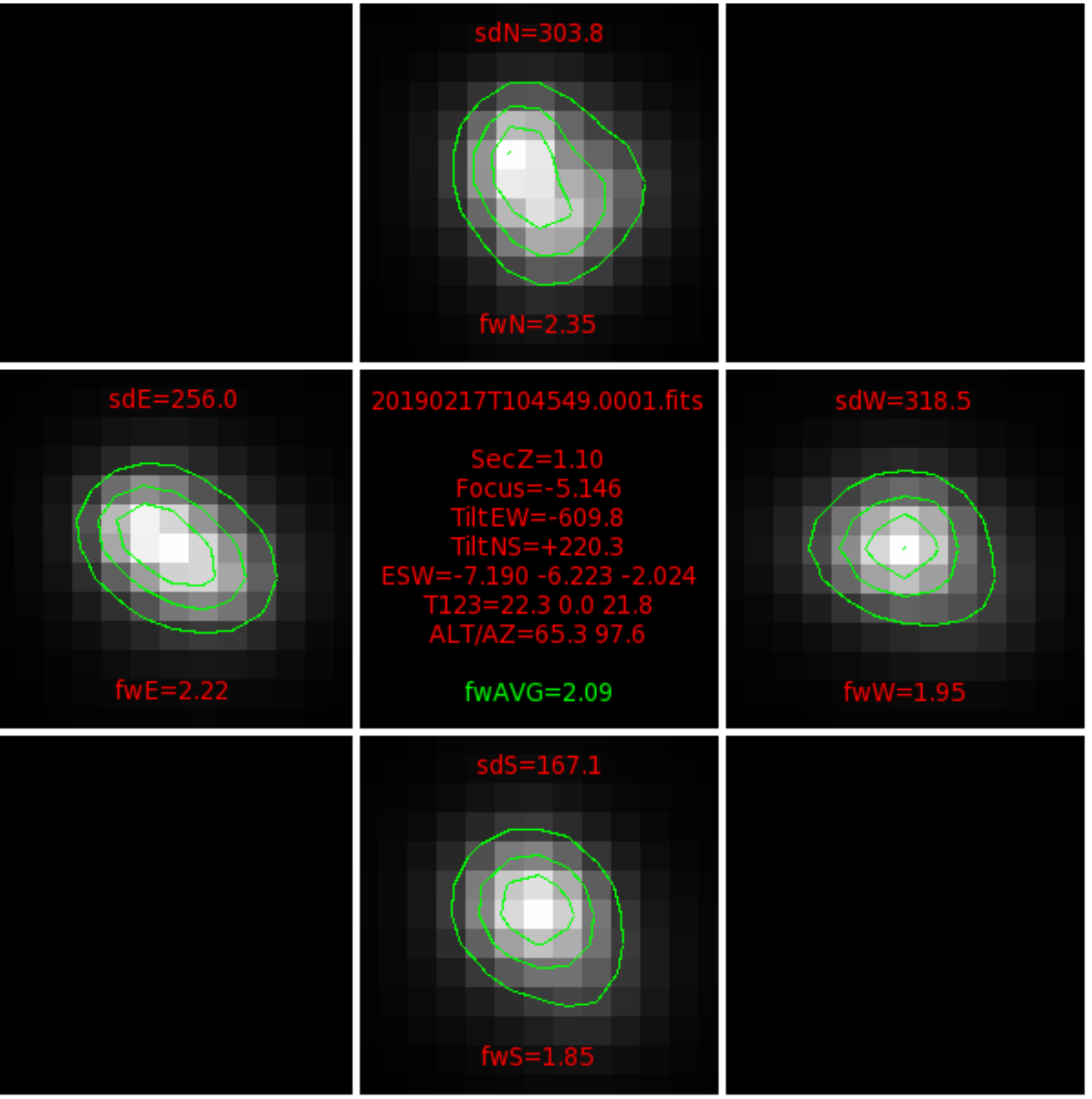
sdN=303.8
fwN=2.35
sdE=256.0
fwE=2.22
20190217T104549.0001.fits
SecZ=1.10
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.3 0.0 21.8
ALT/AZ=65.3 97.6
fwAVG=2.09
sdW=318.5
fwW=1.95
sdS=167.1
fwS=1.85
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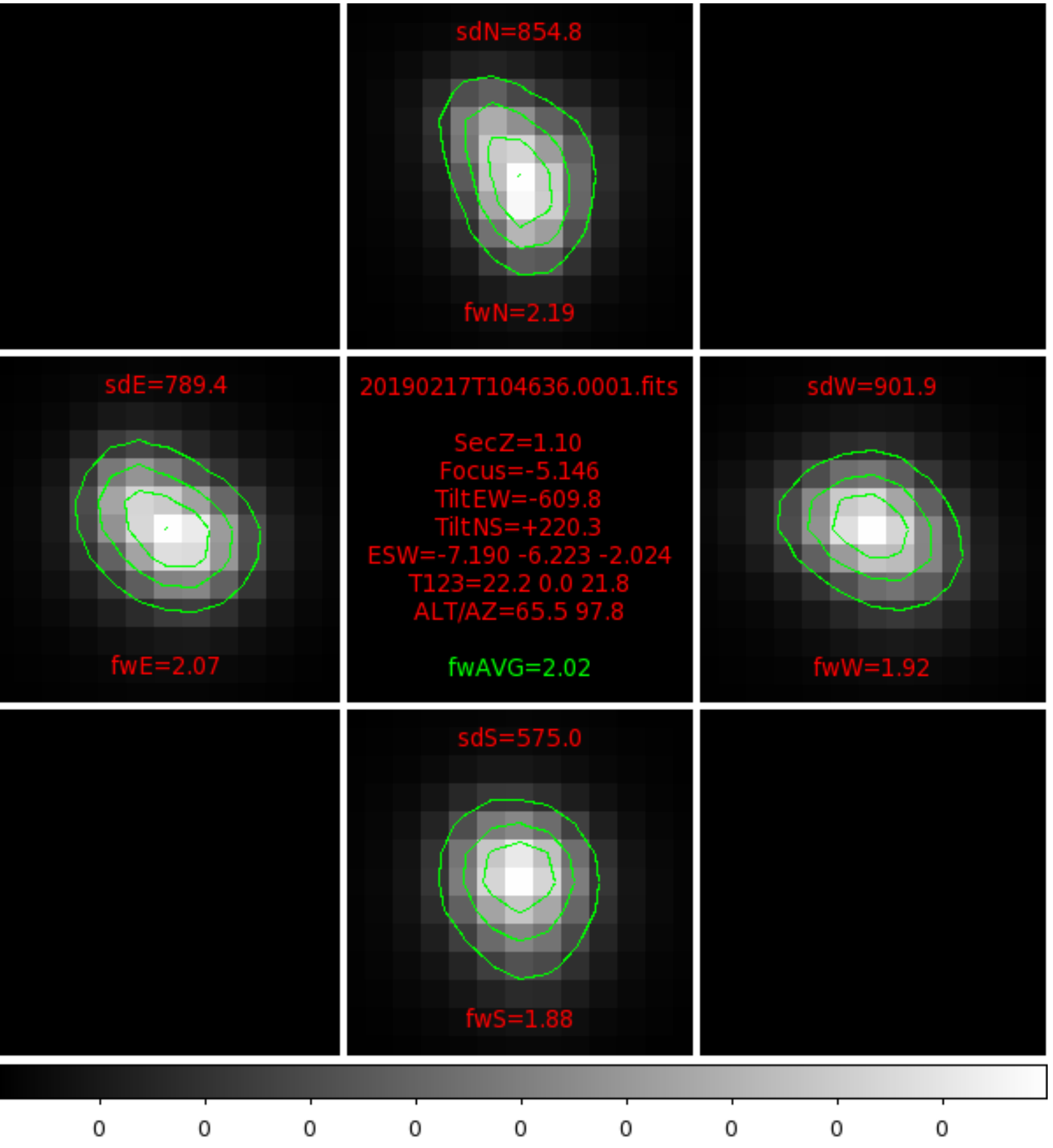
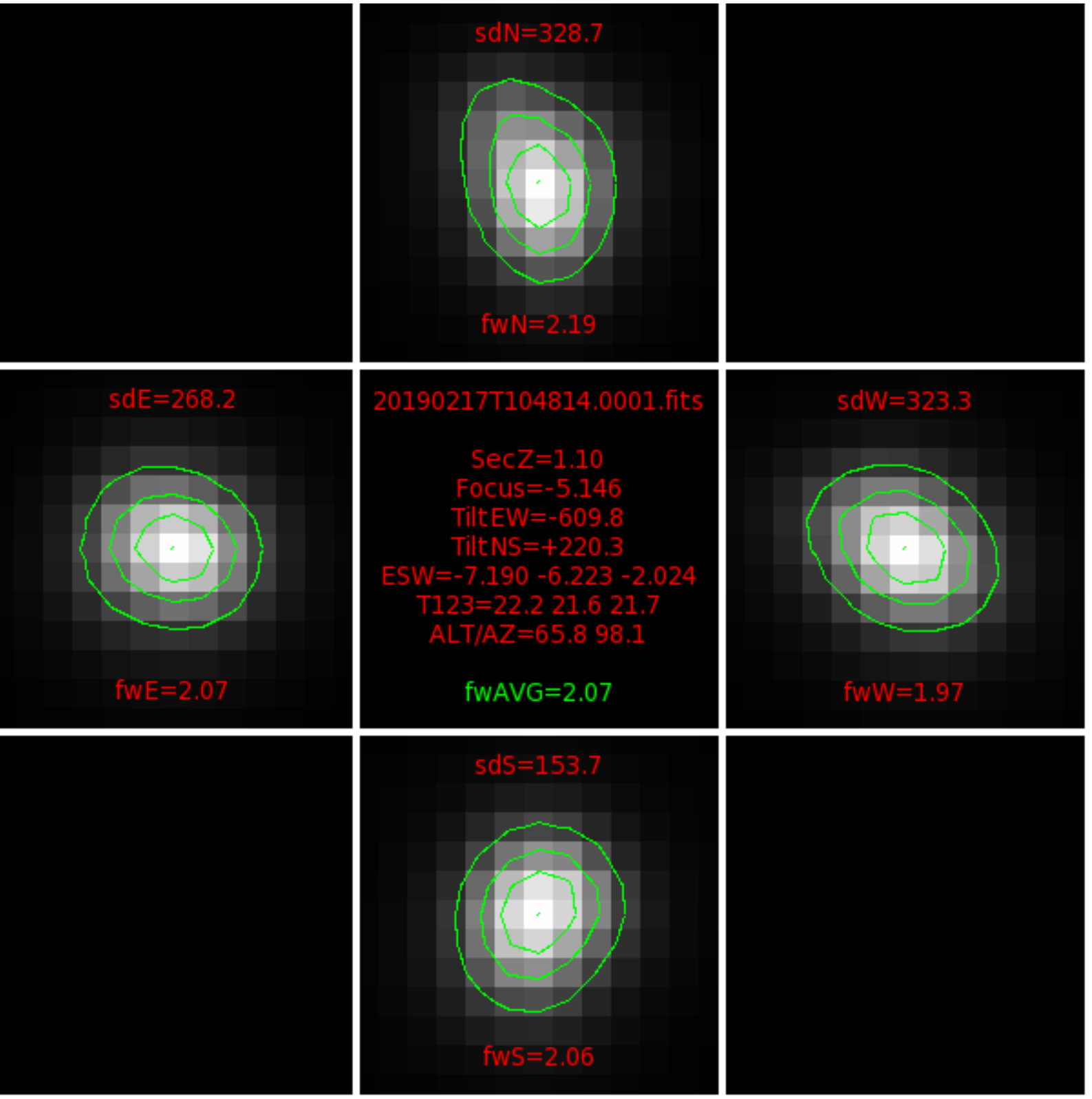
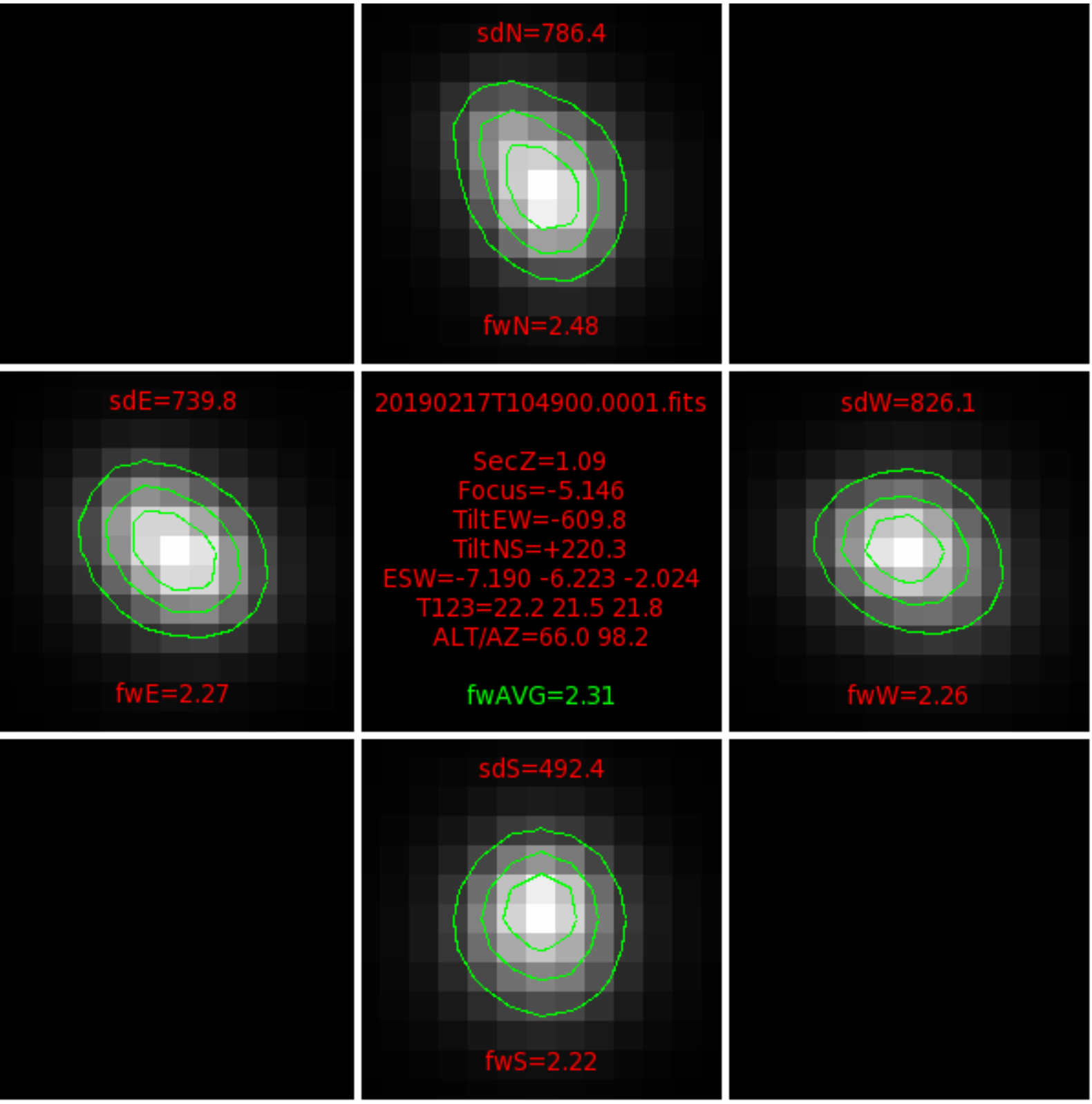

sdN=854.8
fwN=2.19
sdE=789.4
fwE=2.07
20190217T104636.0001.fits
SecZ=1.10
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.2 0.0 21.8
ALT/AZ=65.5 97.8
fwAVG=2.02
sdW=901.9
fwW=1.92
sdS=575.0
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=328.7
fwN=2.19
sdE=268.2
fwE=2.07
20190217T104814.0001.fits
SecZ=1.10
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.2 21.6 21.7
ALT/AZ=65.8 98.1
fwAVG=2.07
sdW=323.3
fwW=1.97
sdS=153.7
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=786.4
fwN=2.48
sdE=739.8
fwE=2.27
20190217T104900.0001.fits
SecZ=1.09
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.2 21.5 21.8
ALT/AZ=66.0 98.2
fwAVG=2.31
sdW=826.1
fwW=2.26
sdS=492.4
fwS=2.22
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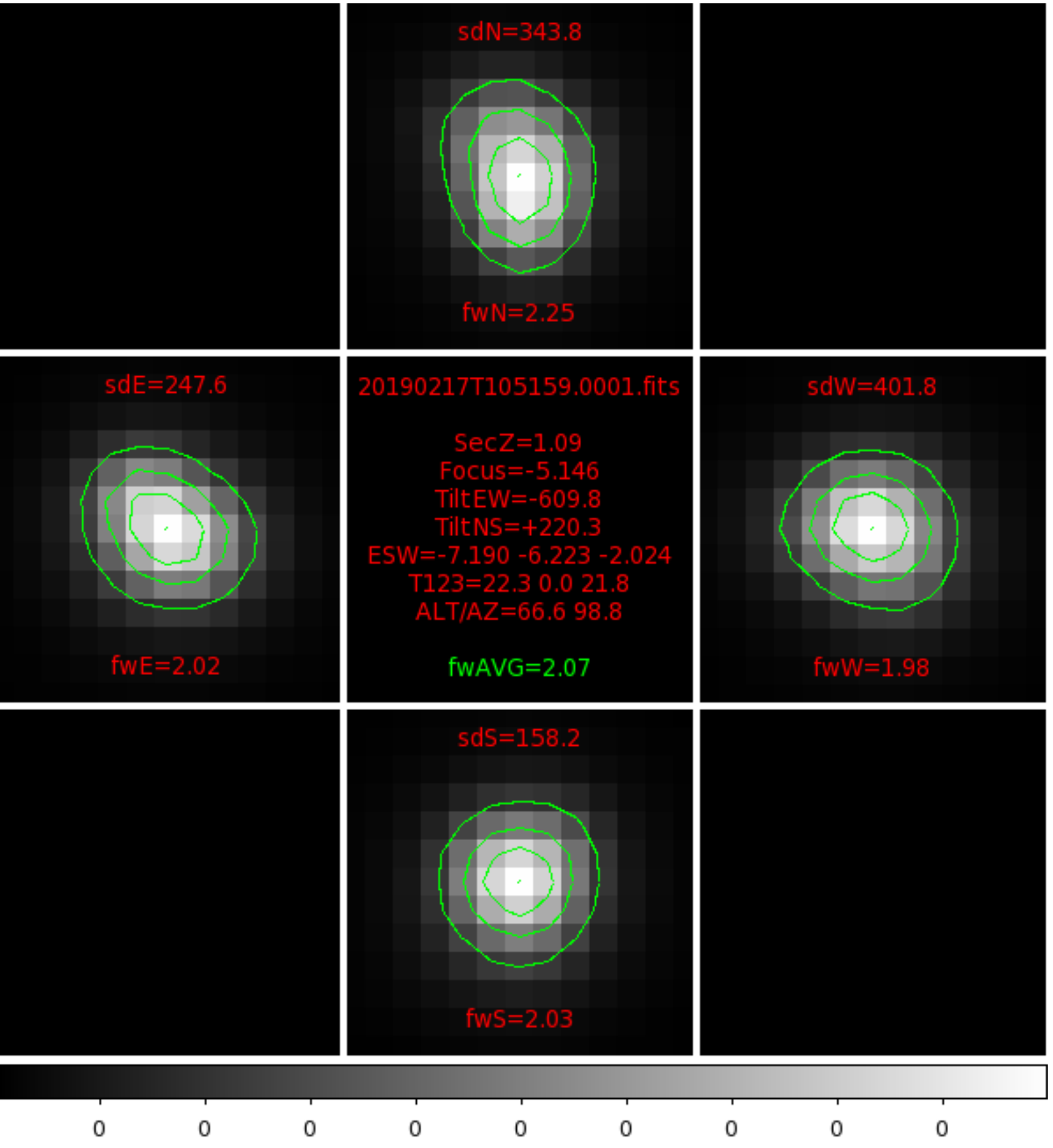
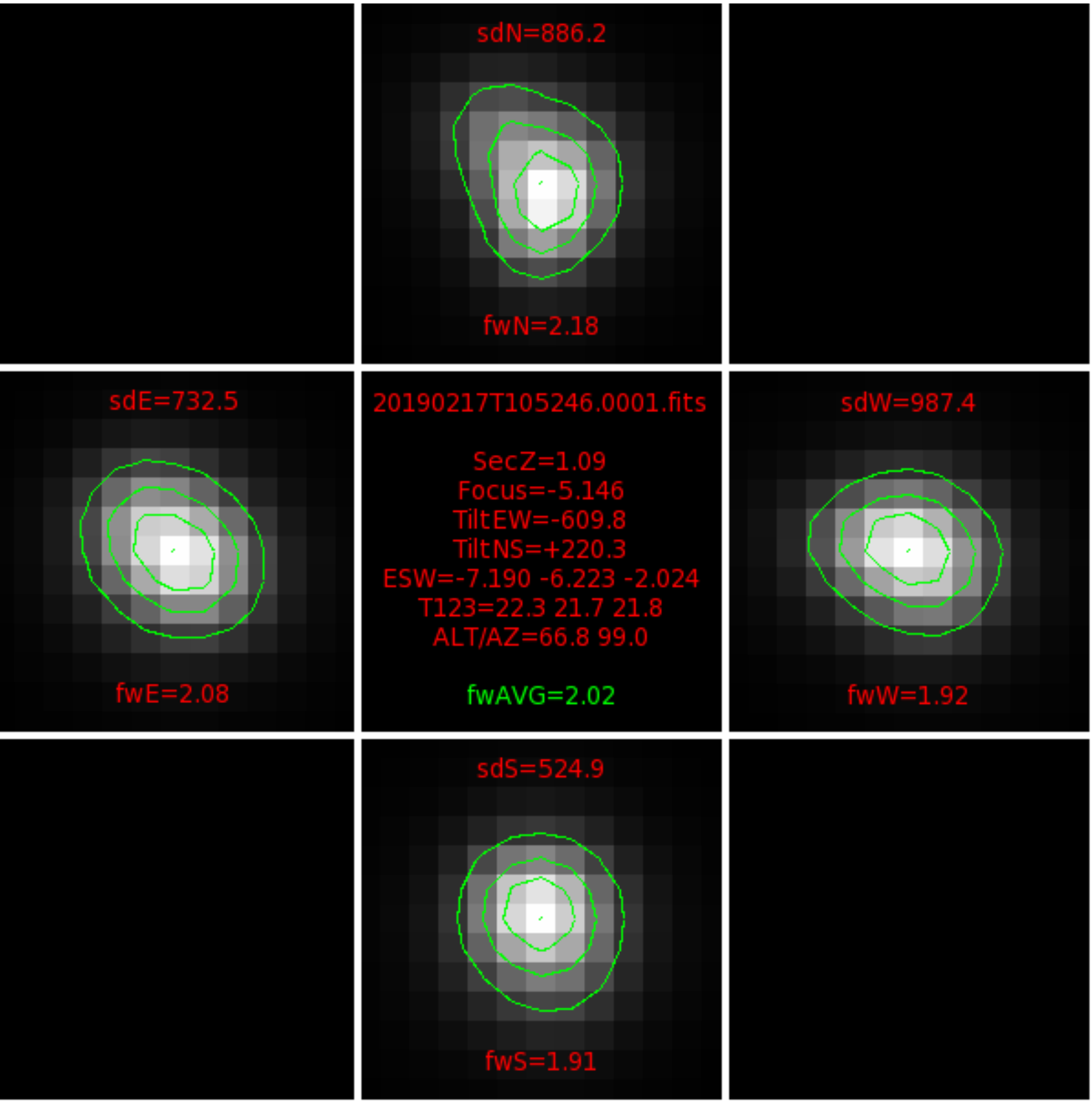
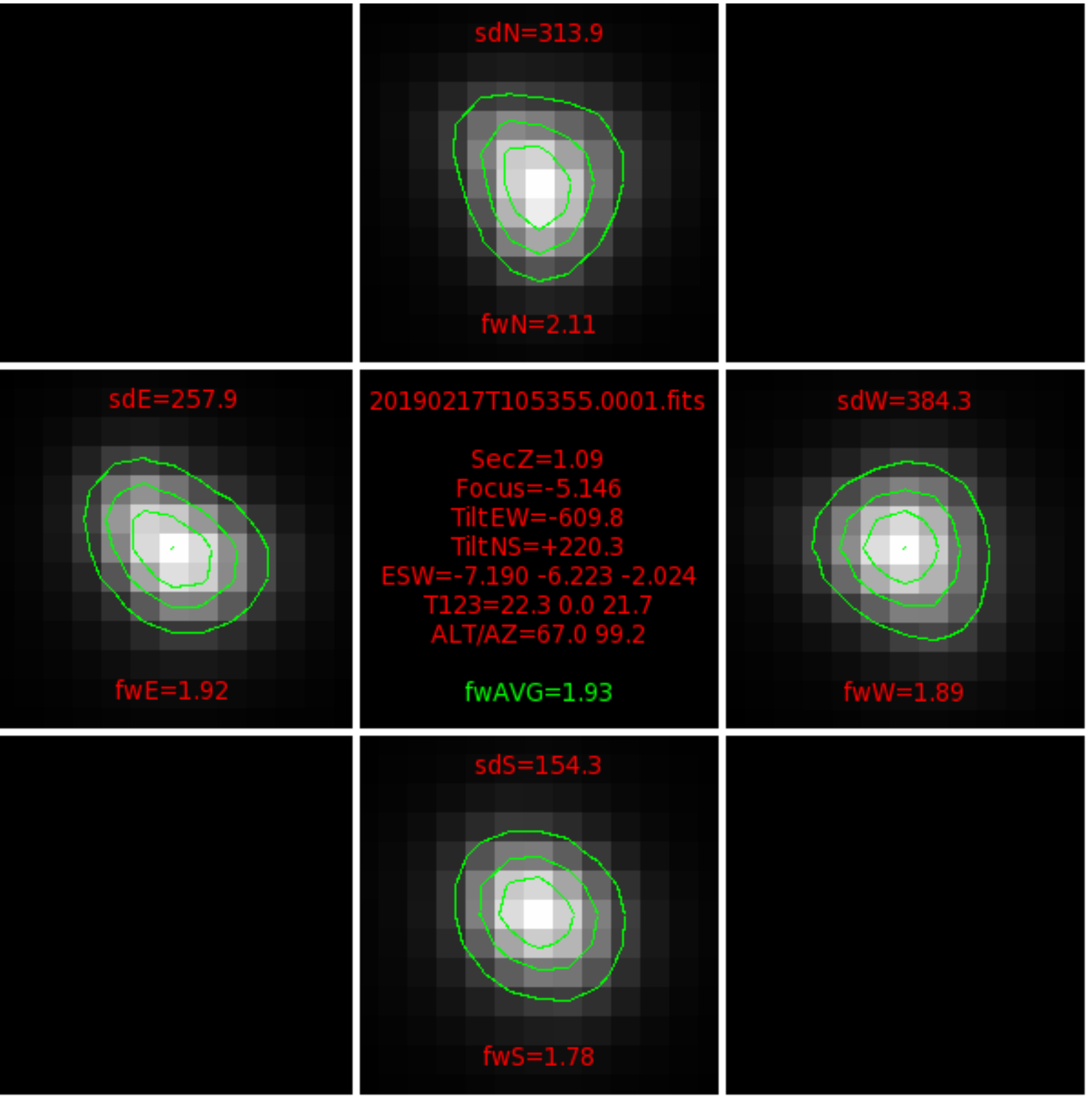

sdN=343.8
fwN=2.25
sdE=247.6
fwE=2.02
20190217T105159.0001.fits
SecZ=1.09
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.3 0.0 21.8
ALT/AZ=66.6 98.8
fwAVG=2.07
sdW=401.8
fwW=1.98
sdS=158.2
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=886.2
fwN=2.18
sdE=732.5
fwE=2.08
20190217T105246.0001.fits
SecZ=1.09
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.3 21.7 21.8
ALT/AZ=66.8 99.0
fwAVG=2.02
sdW=987.4
fwW=1.92
sdS=524.9
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=313.9
fwN=2.11
sdE=257.9
fwE=1.92
20190217T105355.0001.fits
SecZ=1.09
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.3 0.0 21.7
ALT/AZ=67.0 99.2
fwAVG=1.93
sdW=384.3
fwW=1.89
sdS=154.3
fwS=1.78
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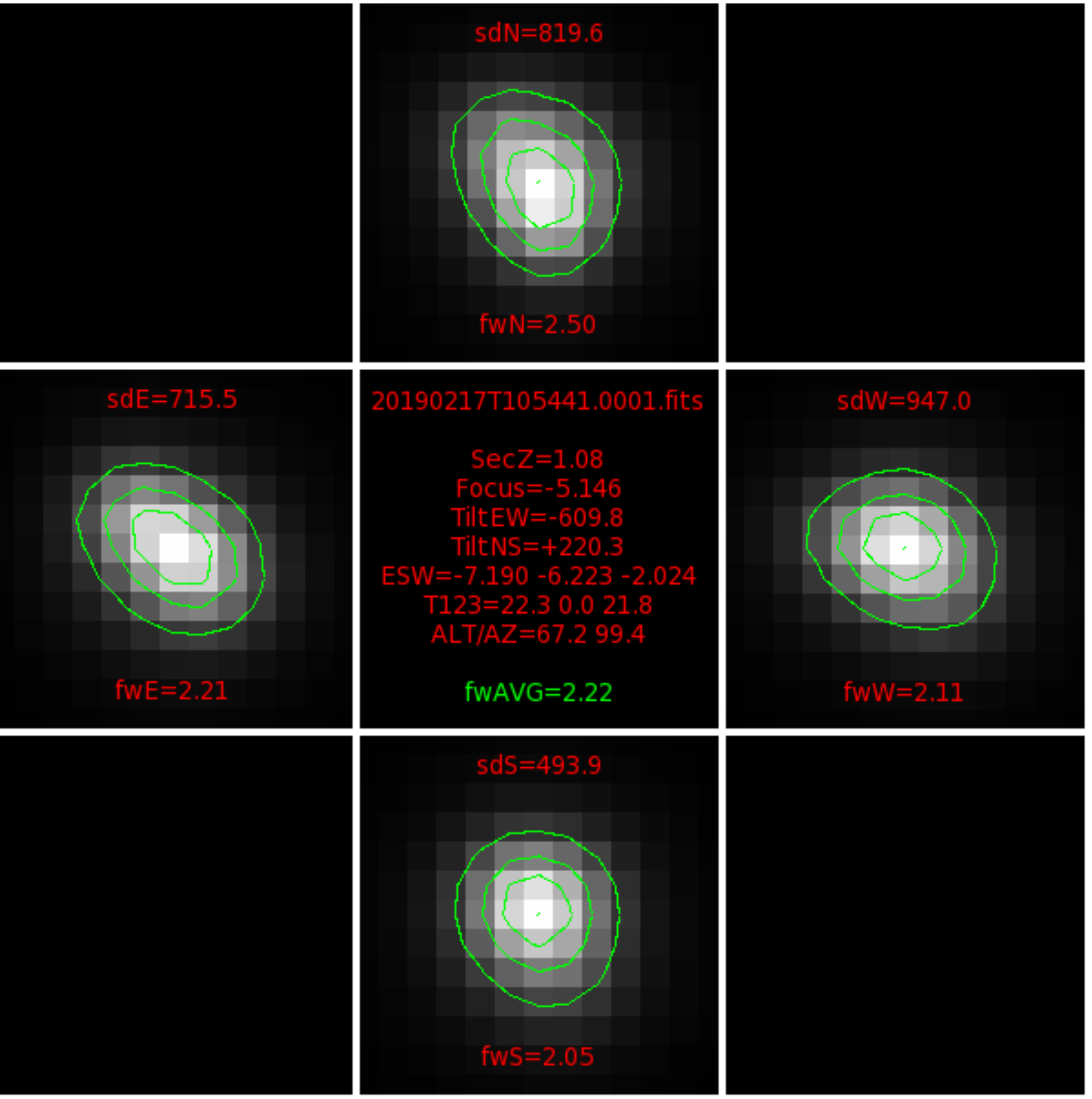
sdN=819.6
fwN=2.50
sdE=715.5
fwE=2.21
20190217T105441.0001.fits
SecZ=1.08
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.3 0.0 21.8
ALT/AZ=67.2 99.4
fwAVG=2.22
sdW=947.0
fwW=2.11
sdS=493.9
fwS=2.05
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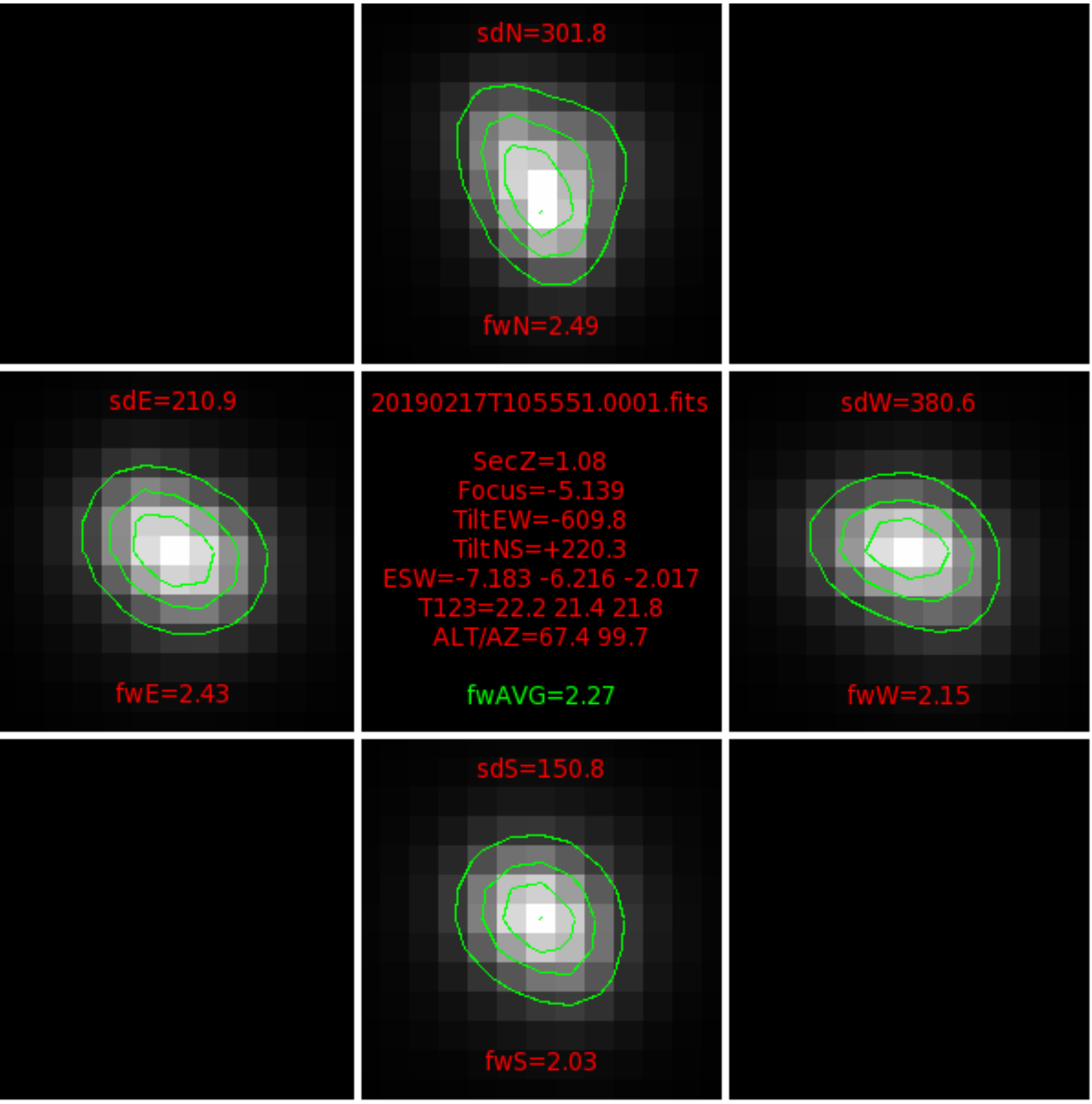
sdN=301.8
fwN=2.49
sdE=210.9
fwE=2.43
20190217T105551.0001.fits
SecZ=1.08
Focus=-5.139
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.183 -6.216 -2.017
T123=22.2 21.4 21.8
ALT/AZ=67.4 99.7
fwAVG=2.27
sdW=380.6
fwW=2.15
sdS=150.8
fwS=2.03
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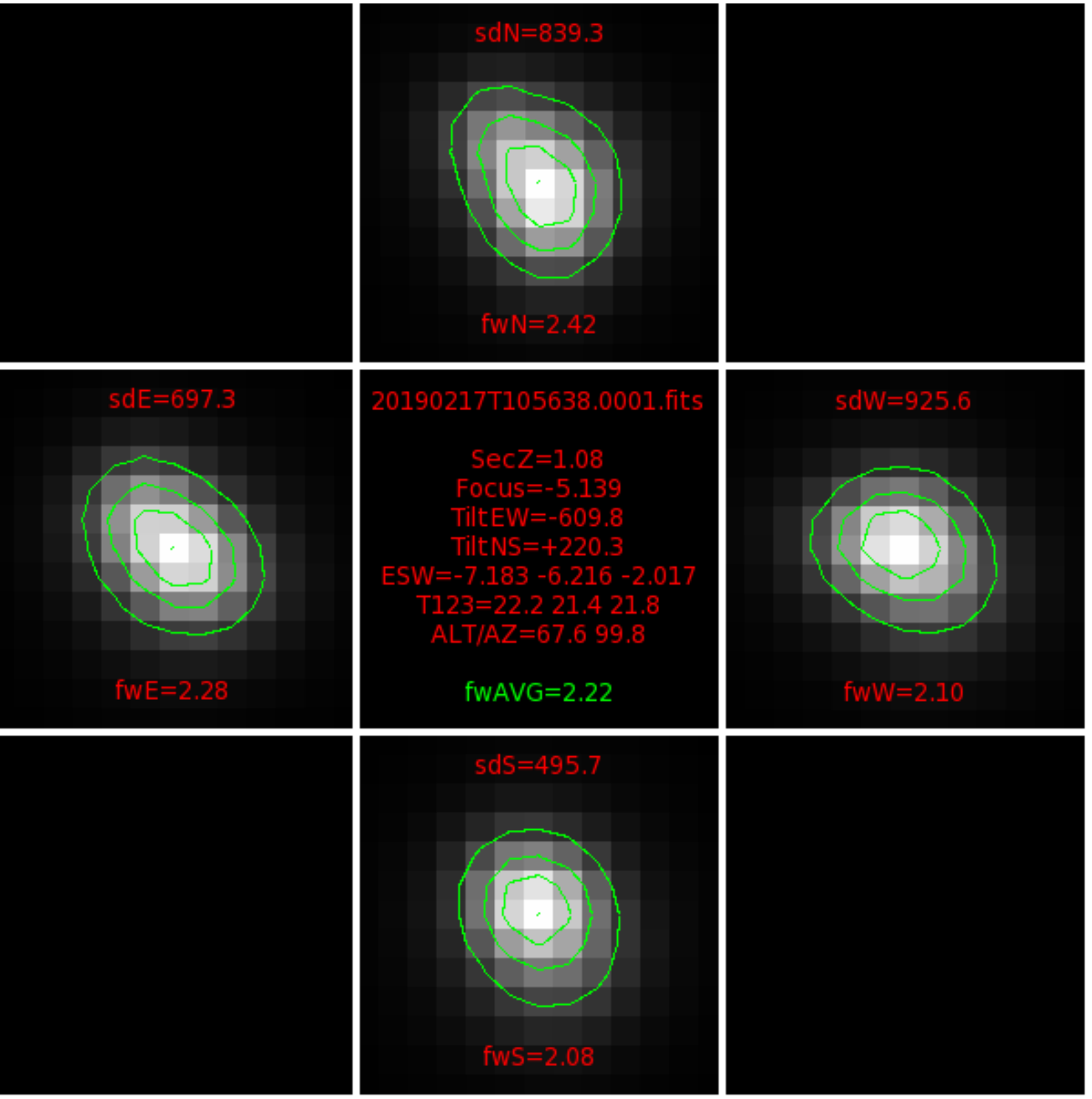
sdN=839.3
fwN=2.42
sdE=697.3
fwE=2.28
20190217T105638.0001.fits
SecZ=1.08
Focus=-5.139
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.183 -6.216 -2.017
T123=22.2 21.4 21.8
ALT/AZ=67.6 99.8
fwAVG=2.22
sdW=925.6
fwW=2.10
sdS=495.7
fwS=2.08
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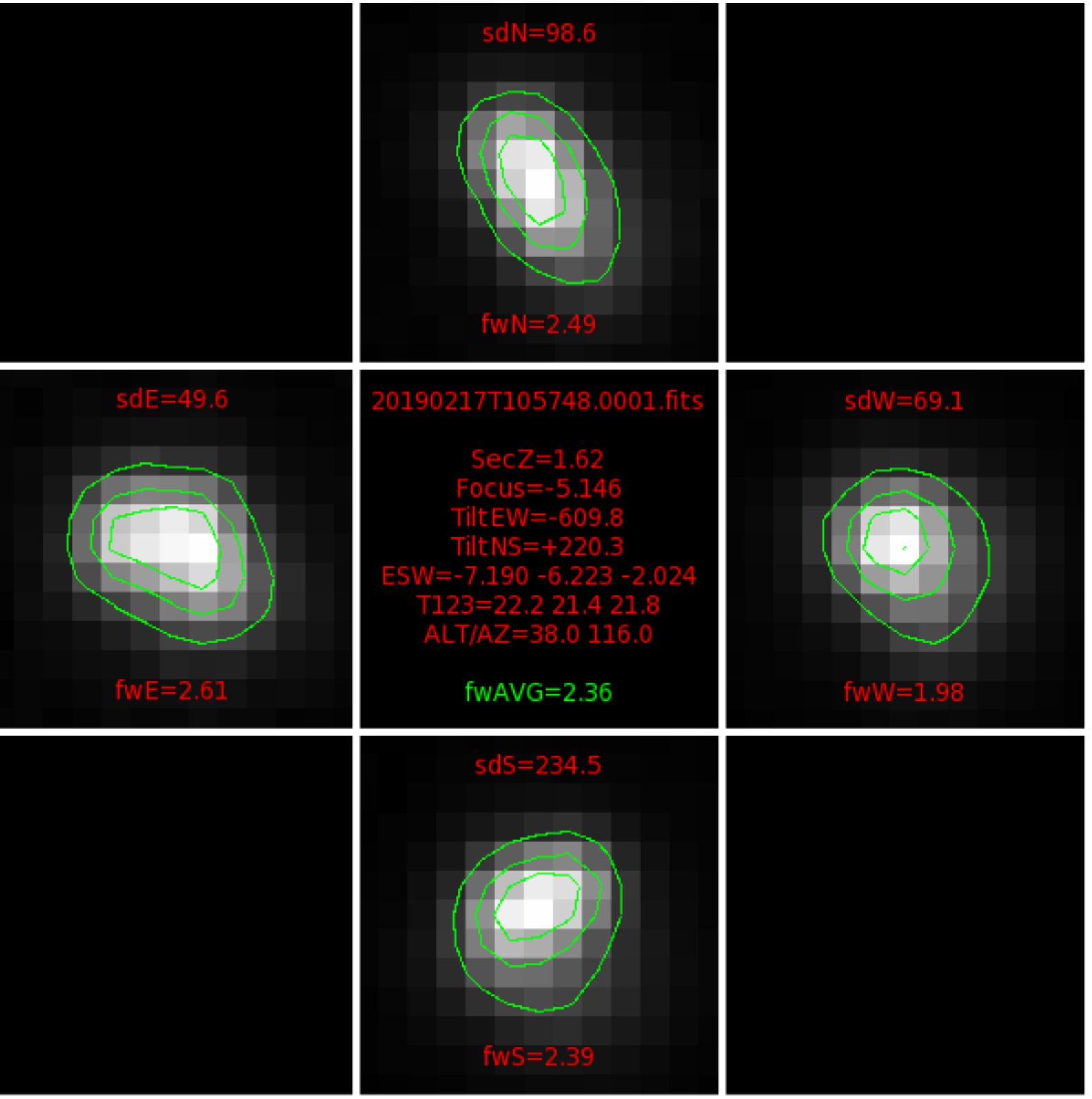
sdN=98.6
fwN=2.49
sdE=49.6
fwE=2.61
20190217T105748.0001.fits
SecZ=1.62
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.2 21.4 21.8
ALT/AZ=38.0 116.0
fwAVG=2.36
sdW=69.1
fwW=1.98
sdS=234.5
fwS=2.39
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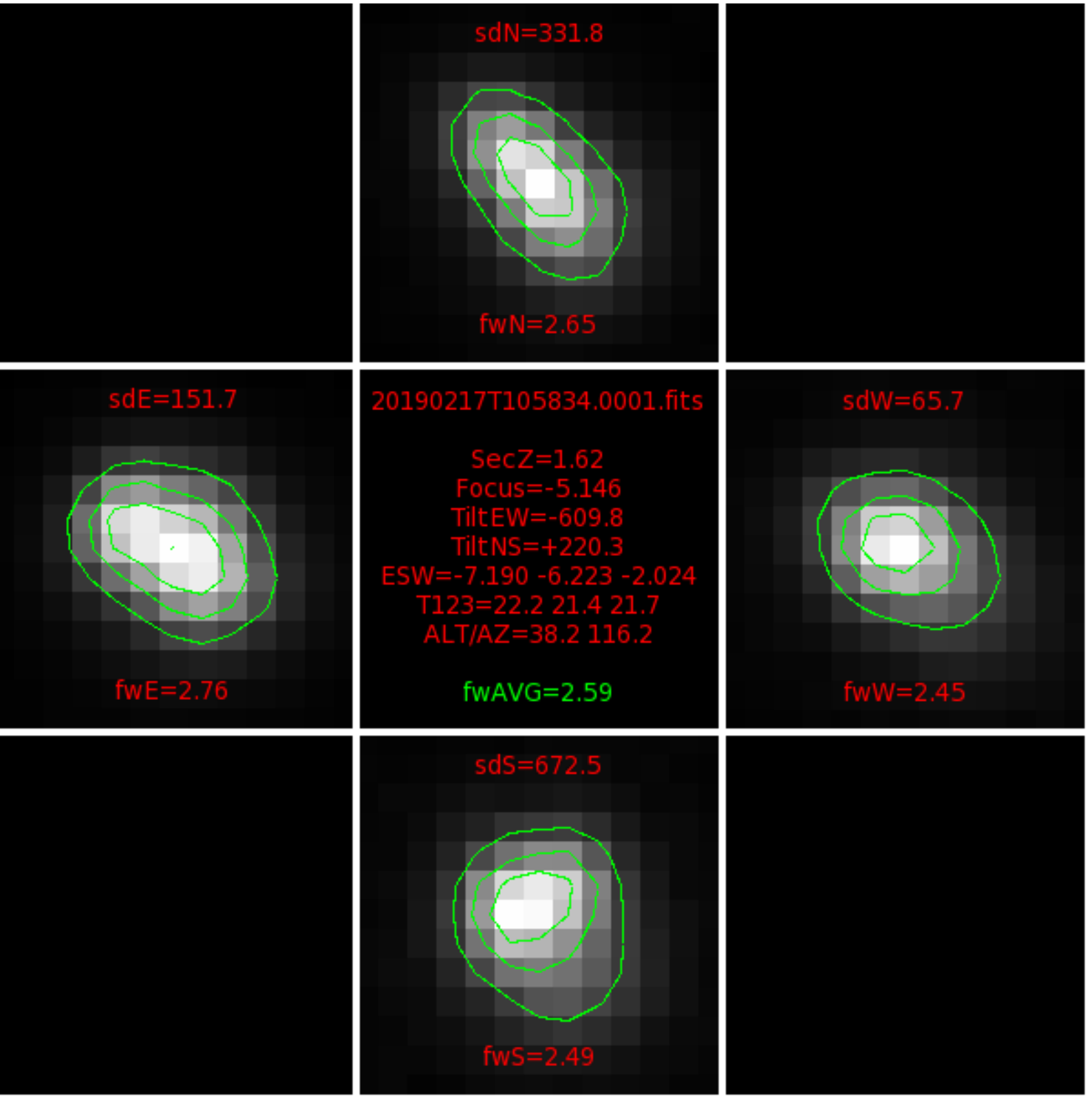
sdN=331.8
fwN=2.65
sdE=151.7
fwE=2.76
20190217T105834.0001.fits
SecZ=1.62
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.2 21.4 21.7
ALT/AZ=38.2 116.2
fwAVG=2.59
sdW=65.7
fwW=2.45
sdS=672.5
fwS=2.49
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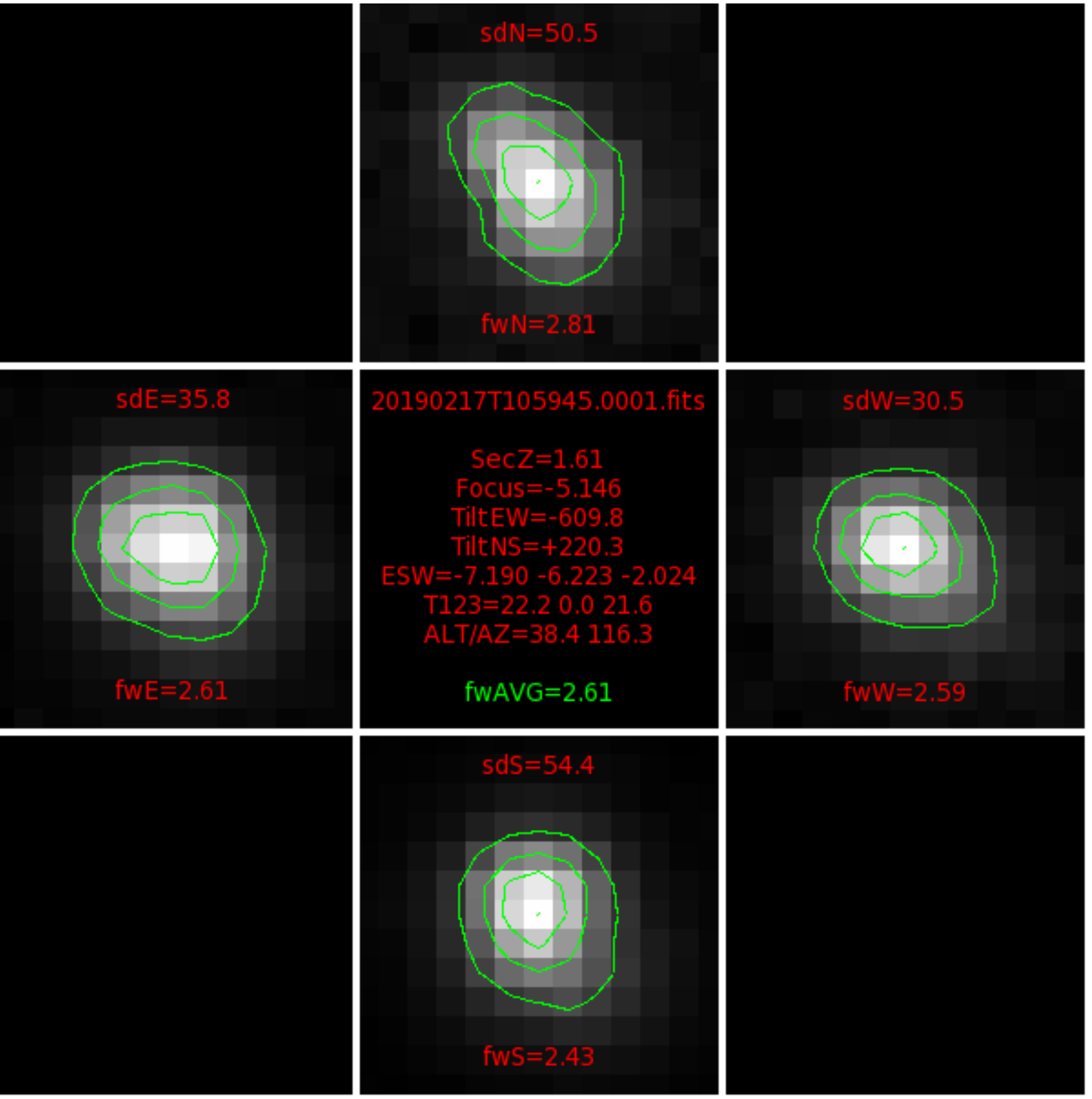
sdN=50.5
fwN=2.81
sdE=35.8
fwE=2.61
20190217T105945.0001.fits
SecZ=1.61
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.2 0.0 21.6
ALT/AZ=38.4 116.3
fwAVG=2.61
sdW=30.5
fwW=2.59
sdS=54.4
fwS=2.43
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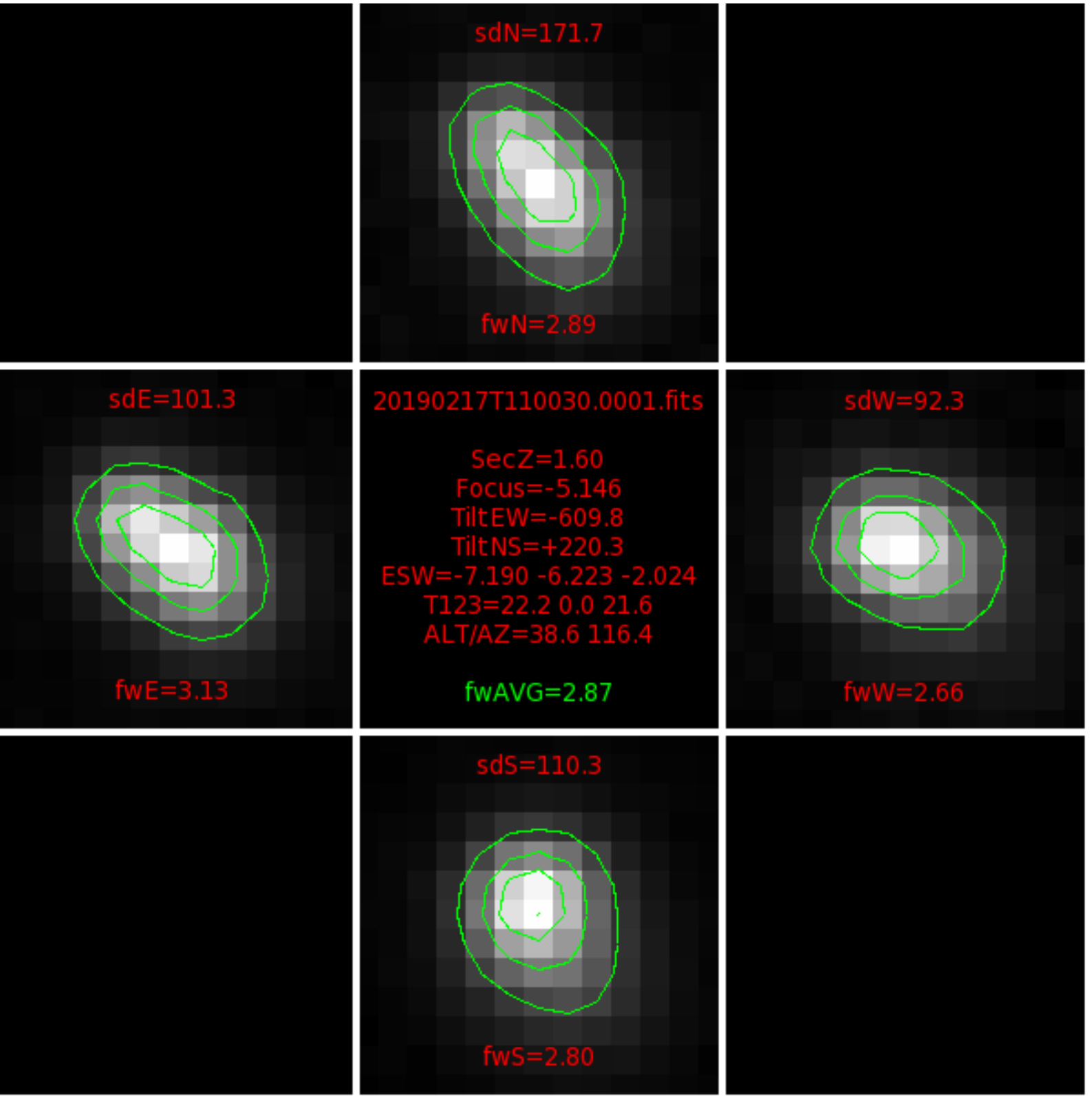
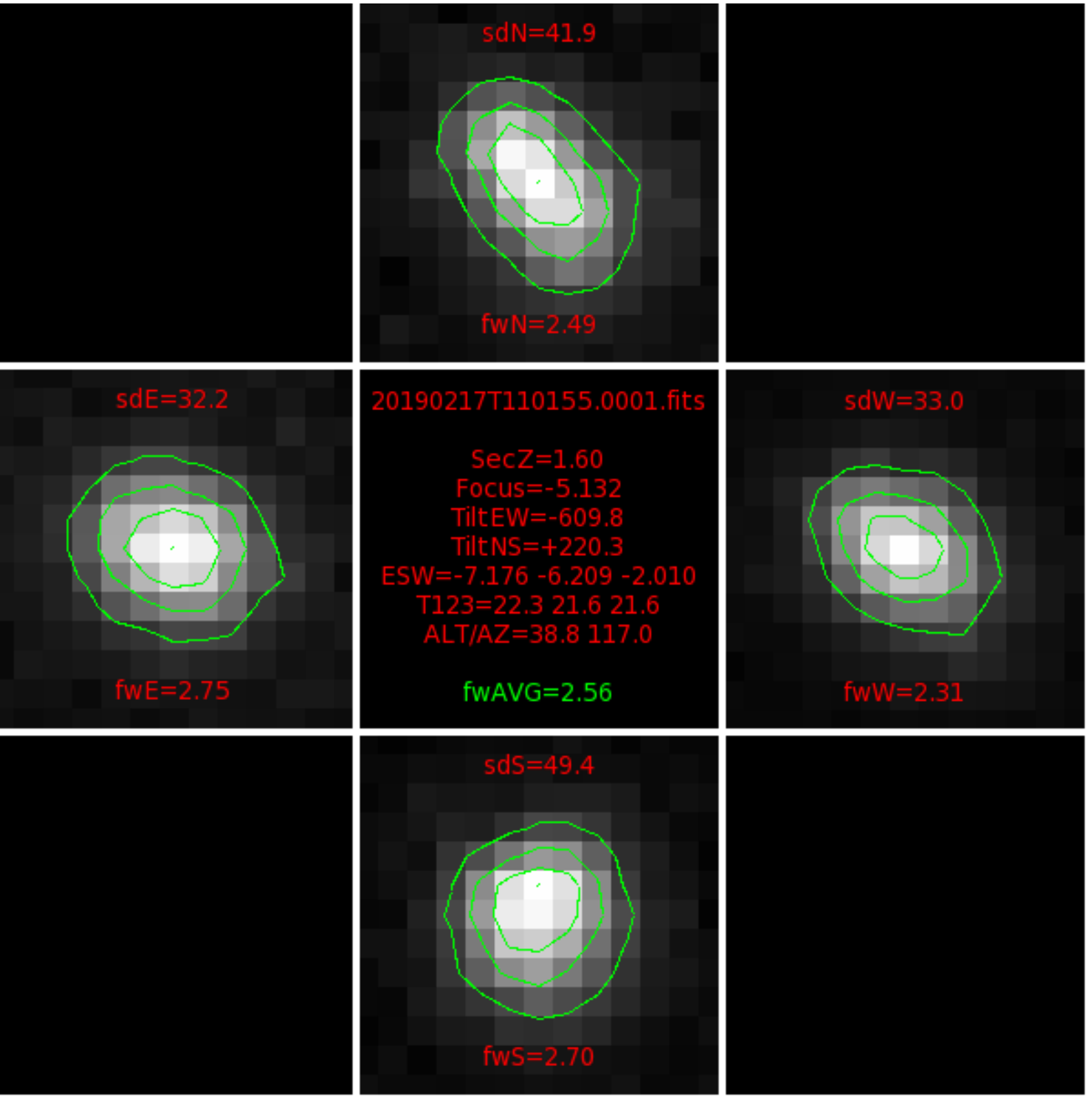
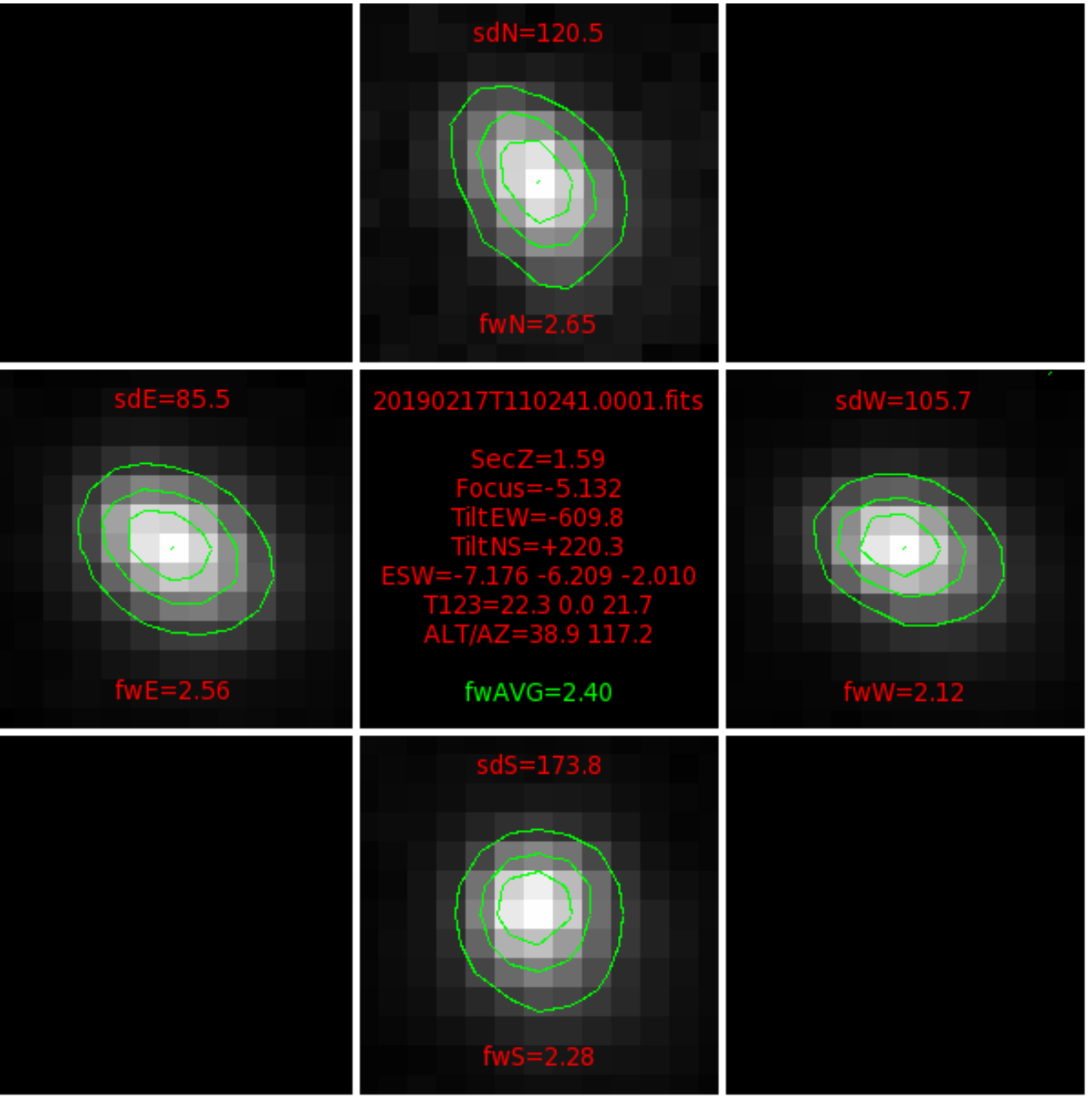

sdN=171.7
fwN=2.89
sdE=101.3
fwE=3.13
20190217T110030.0001.fits
SecZ=1.60
Focus=-5.146
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.190 -6.223 -2.024
T123=22.2 0.0 21.6
ALT/AZ=38.6 116.4
fwAVG=2.87
sdW=92.3
fwW=2.66
sdS=110.3
fwS=2.80
0 0 0 0 0 0 0 0 0


sdN=41.9
fwN=2.49
sdE=32.2
fwE=2.75
20190217T110155.0001.fits
SecZ=1.60
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 21.6 21.6
ALT/AZ=38.8 117.0
fwAVG=2.56
sdW=33.0
fwW=2.31
sdS=49.4
fwS=2.70
0 0 0 0 0 0 0 0 0


sdN=120.5
fwN=2.65
sdE=85.5
fwE=2.56
20190217T110241.0001.fits
SecZ=1.59
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 0.0 21.7
ALT/AZ=38.9 117.2
fwAVG=2.40
sdW=105.7
fwW=2.12
sdS=173.8
fwS=2.28
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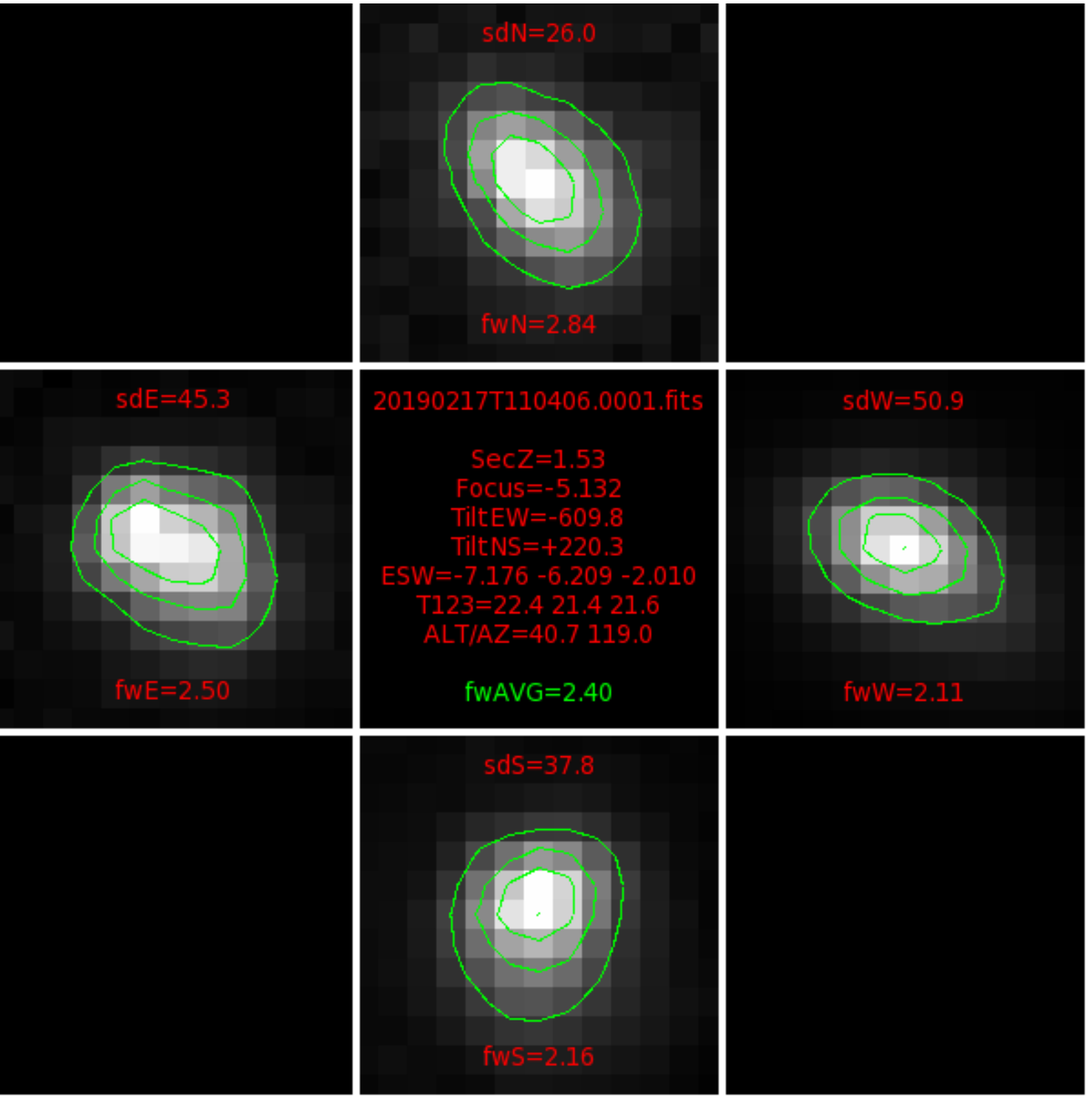
sdN=26.0
fwN=2.84
sdE=45.3
fwE=2.50
20190217T110406.0001.fits
SecZ=1.53
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.4 21.4 21.6
ALT/AZ=40.7 119.0
fwAVG=2.40
sdW=50.9
fwW=2.11
sdS=37.8
fwS=2.16
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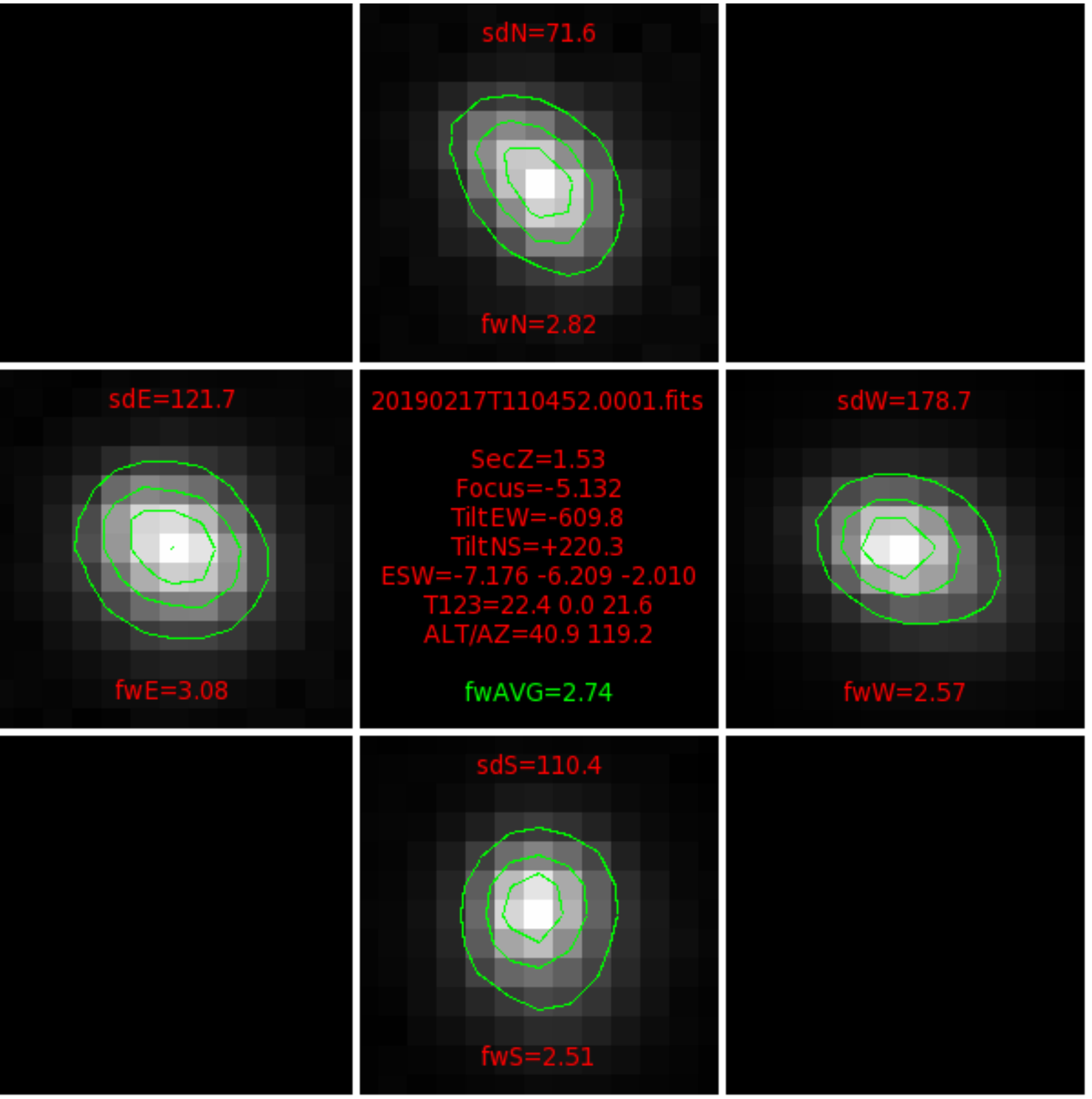
sdN=71.6
fwN=2.82
sdE=121.7
fwE=3.08
20190217T110452.0001.fits
SecZ=1.53
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.4 0.0 21.6
ALT/AZ=40.9 119.2
fwAVG=2.74
sdW=178.7
fwW=2.57
sdS=110.4
fwS=2.51
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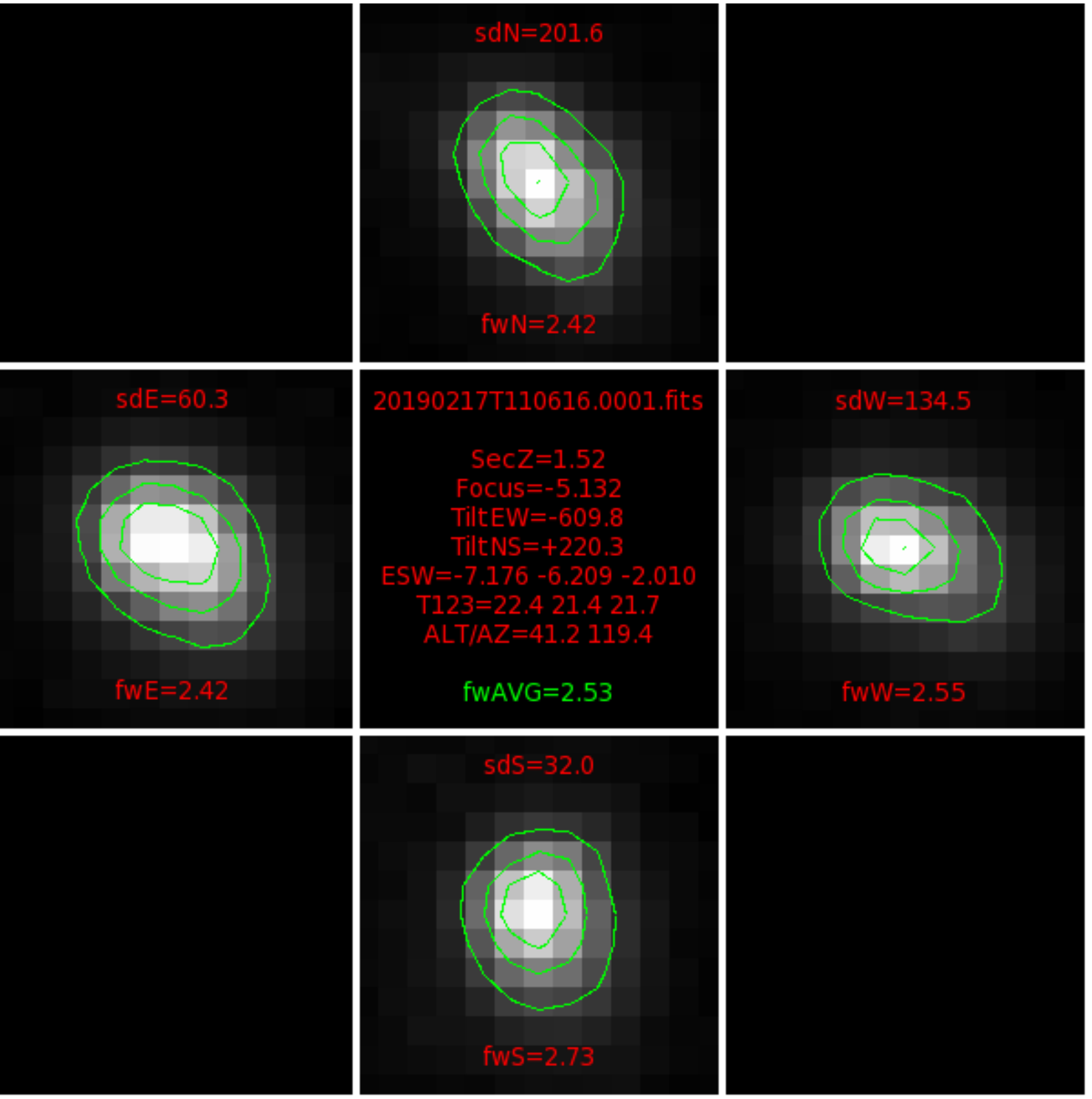
sdN=201.6
fwN=2.42
sdE=60.3
fwE=2.42
20190217T110616.0001.fits
SecZ=1.52
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.4 21.4 21.7
ALT/AZ=41.2 119.4
fwAVG=2.53
sdW=134.5
fwW=2.55
sdS=32.0
fwS=2.73
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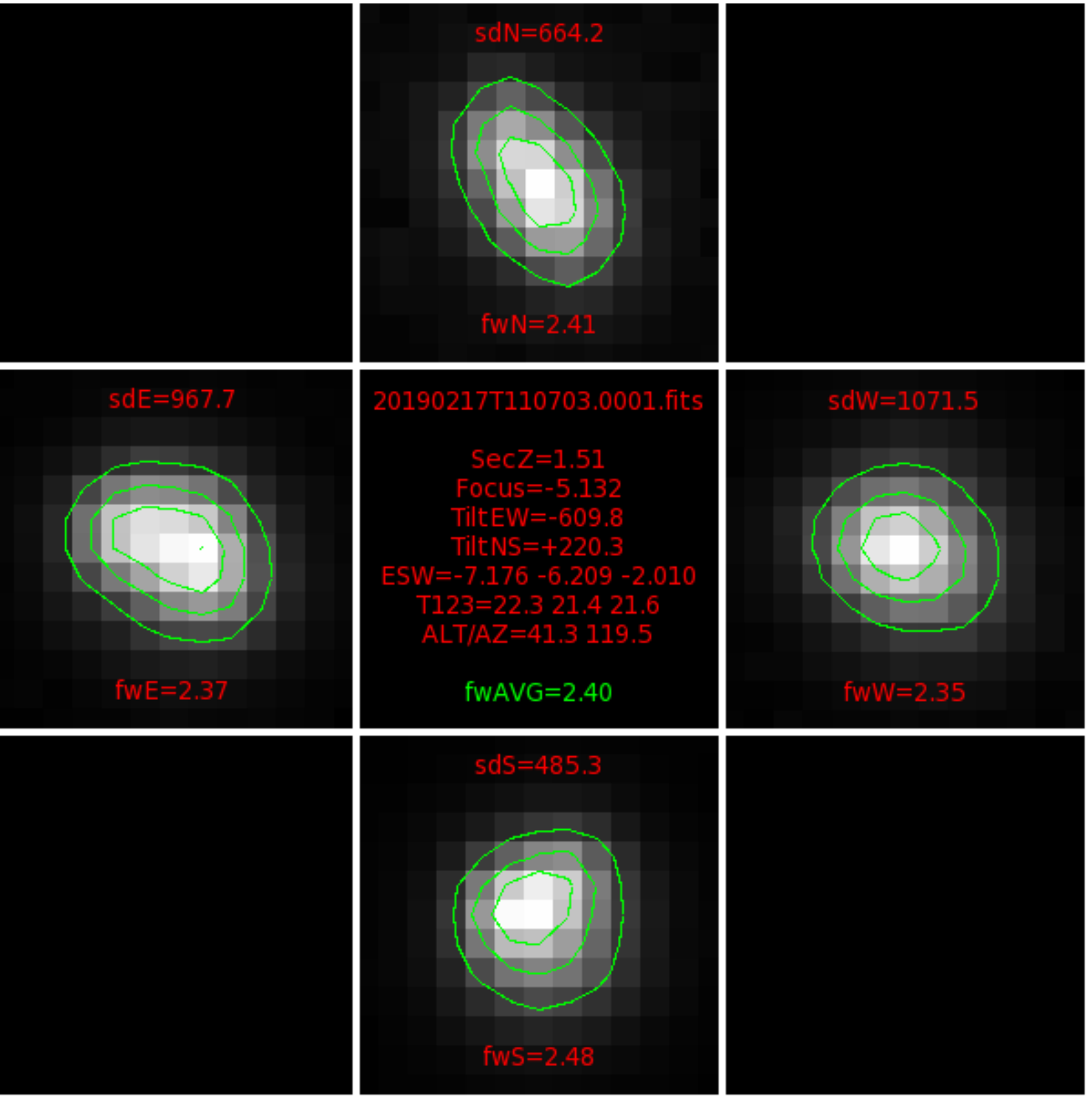
sdN=664.2
fwN=2.41
sdE=967.7
fwE=2.37
20190217T110703.0001.fits
SecZ=1.51
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 21.4 21.6
ALT/AZ=41.3 119.5
fwAVG=2.40
sdW=1071.5
fwW=2.35
sdS=485.3
fwS=2.48
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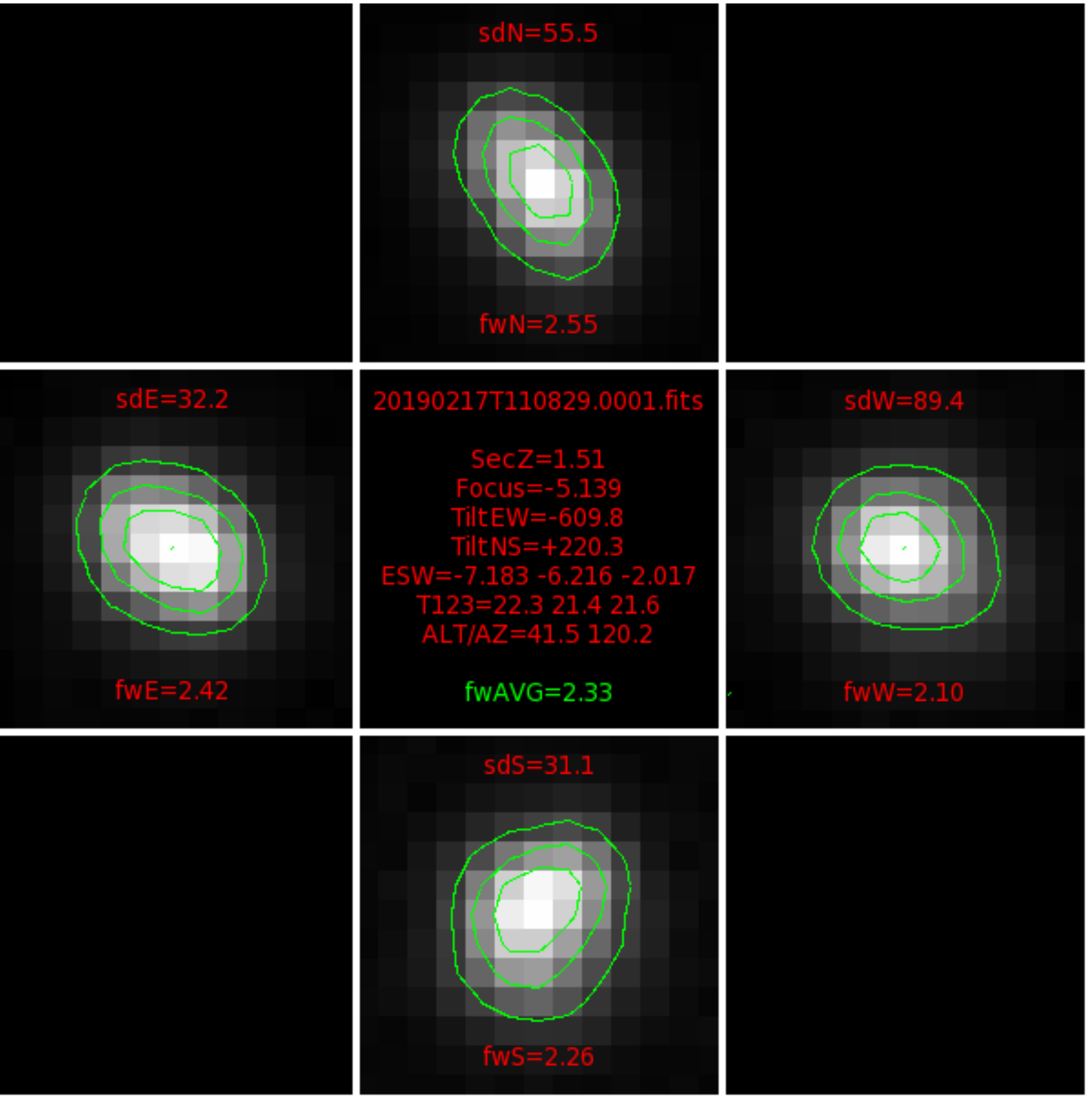
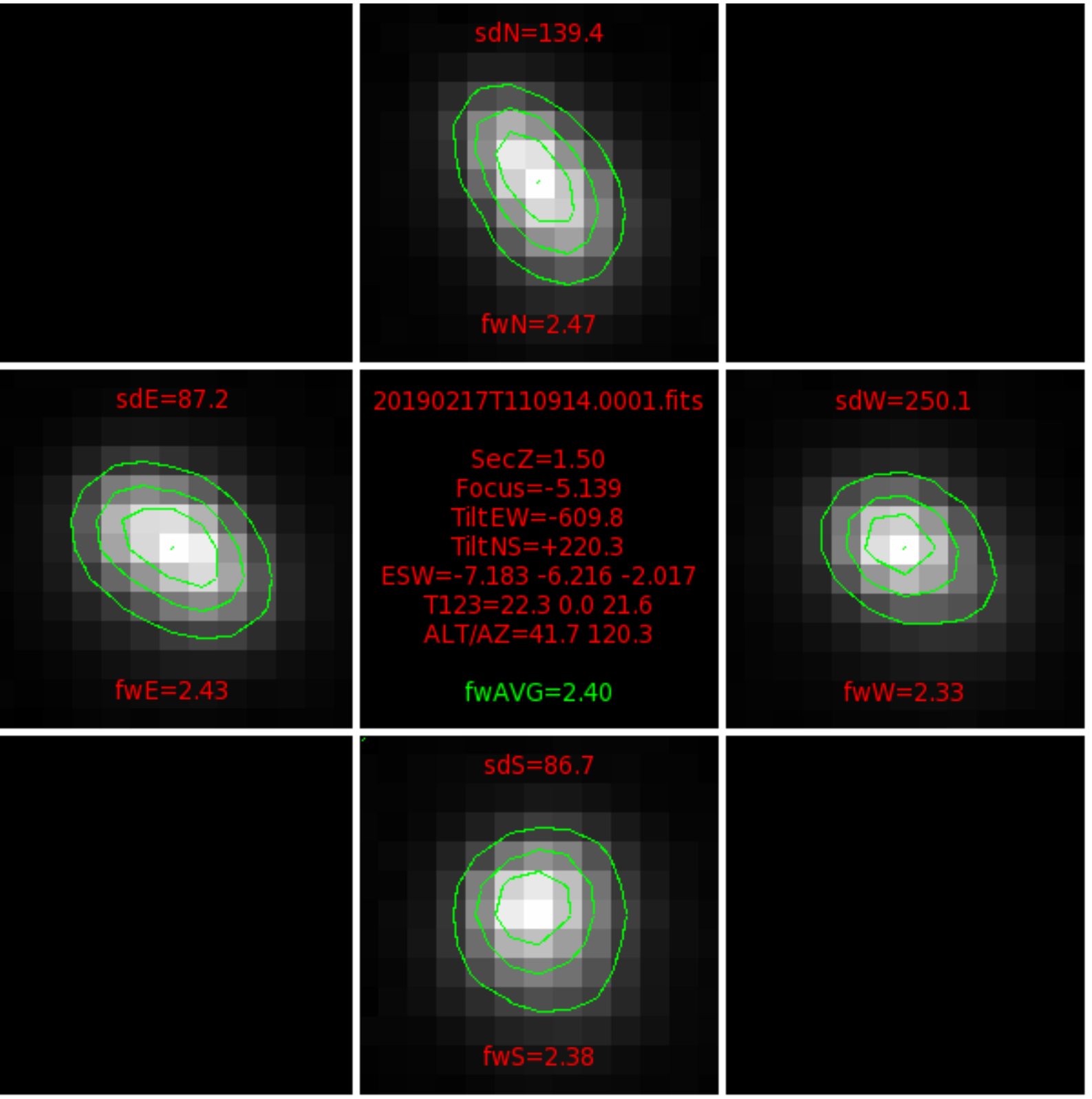

sdN=55.5
fwN=2.55
sdE=32.2
fwE=2.42
20190217T110829.0001.fits
SecZ=1.51
Focus=-5.139
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.183 -6.216 -2.017
T123=22.3 21.4 21.6
ALT/AZ=41.5 120.2
fwAVG=2.33
sdW=89.4
fwW=2.10
sdS=31.1
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=139.4
fwN=2.47
sdE=87.2
fwE=2.43
20190217T110914.0001.fits
SecZ=1.50
Focus=-5.139
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.183 -6.216 -2.017
T123=22.3 0.0 21.6
ALT/AZ=41.7 120.3
fwAVG=2.40
sdW=250.1
fwW=2.33
sdS=86.7
fwS=2.38
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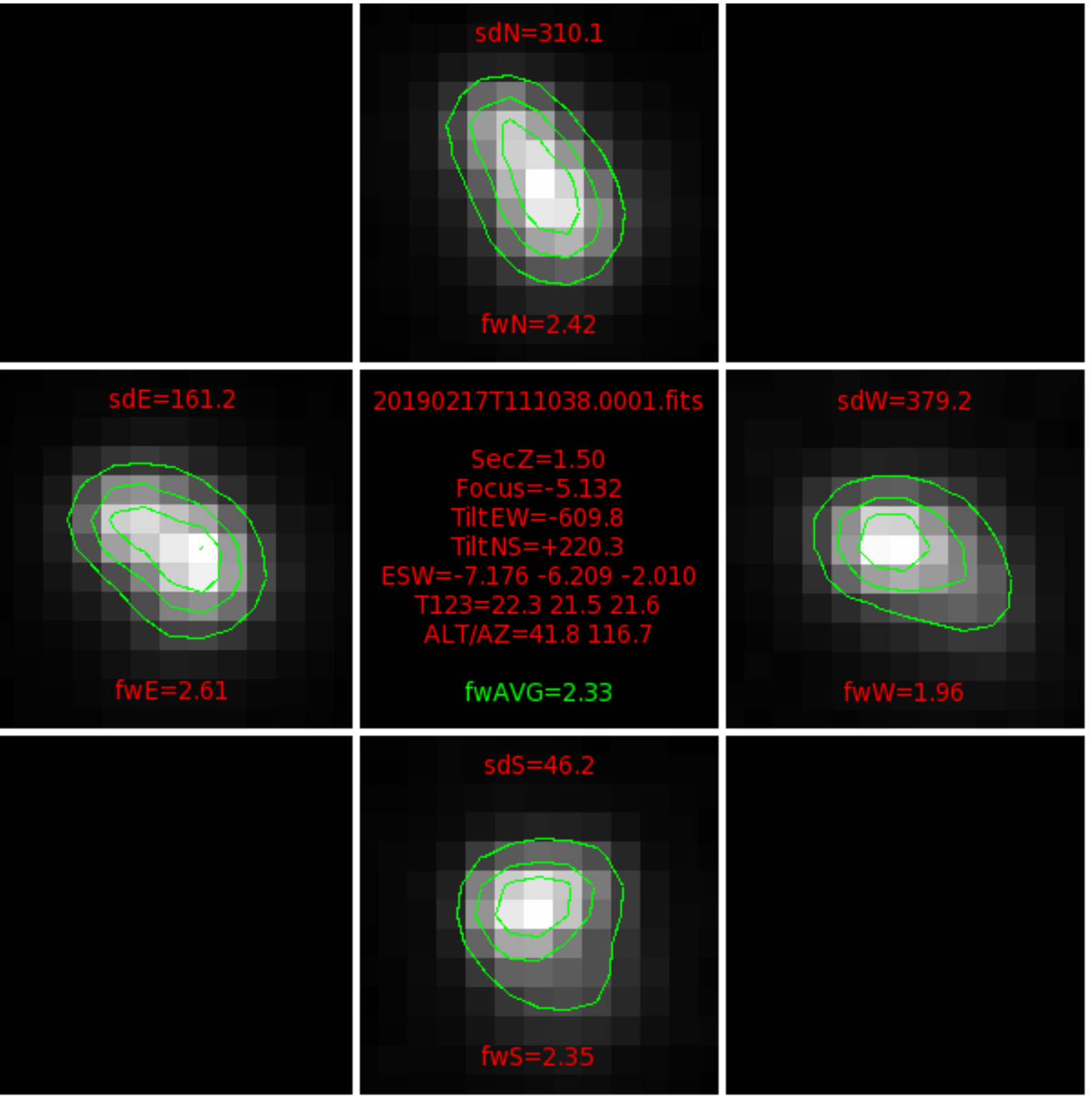
sdN=310.1
fwN=2.42
sdE=161.2
fwE=2.61
20190217T111038.0001.fits
SecZ=1.50
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 21.5 21.6
ALT/AZ=41.8 116.7
fwAVG=2.33
sdW=379.2
fwW=1.96
sdS=46.2
fwS=2.35
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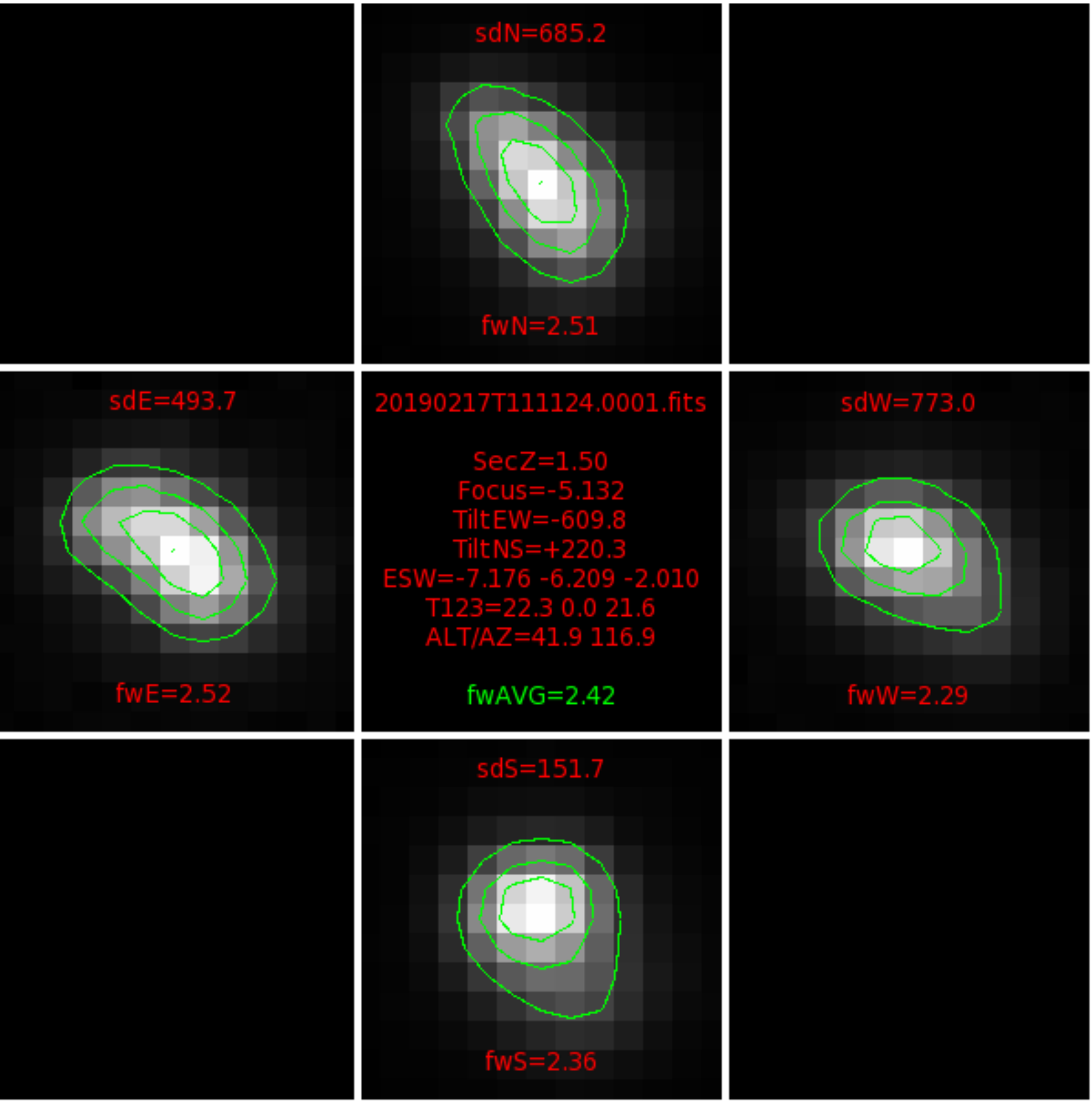
sdN=685.2
fwN=2.51
sdE=493.7
fwE=2.52
20190217T111124.0001.fits
SecZ=1.50
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 0.0 21.6
ALT/AZ=41.9 116.9
fwAVG=2.42
sdW=773.0
fwW=2.29
sdS=151.7
fwS=2.36
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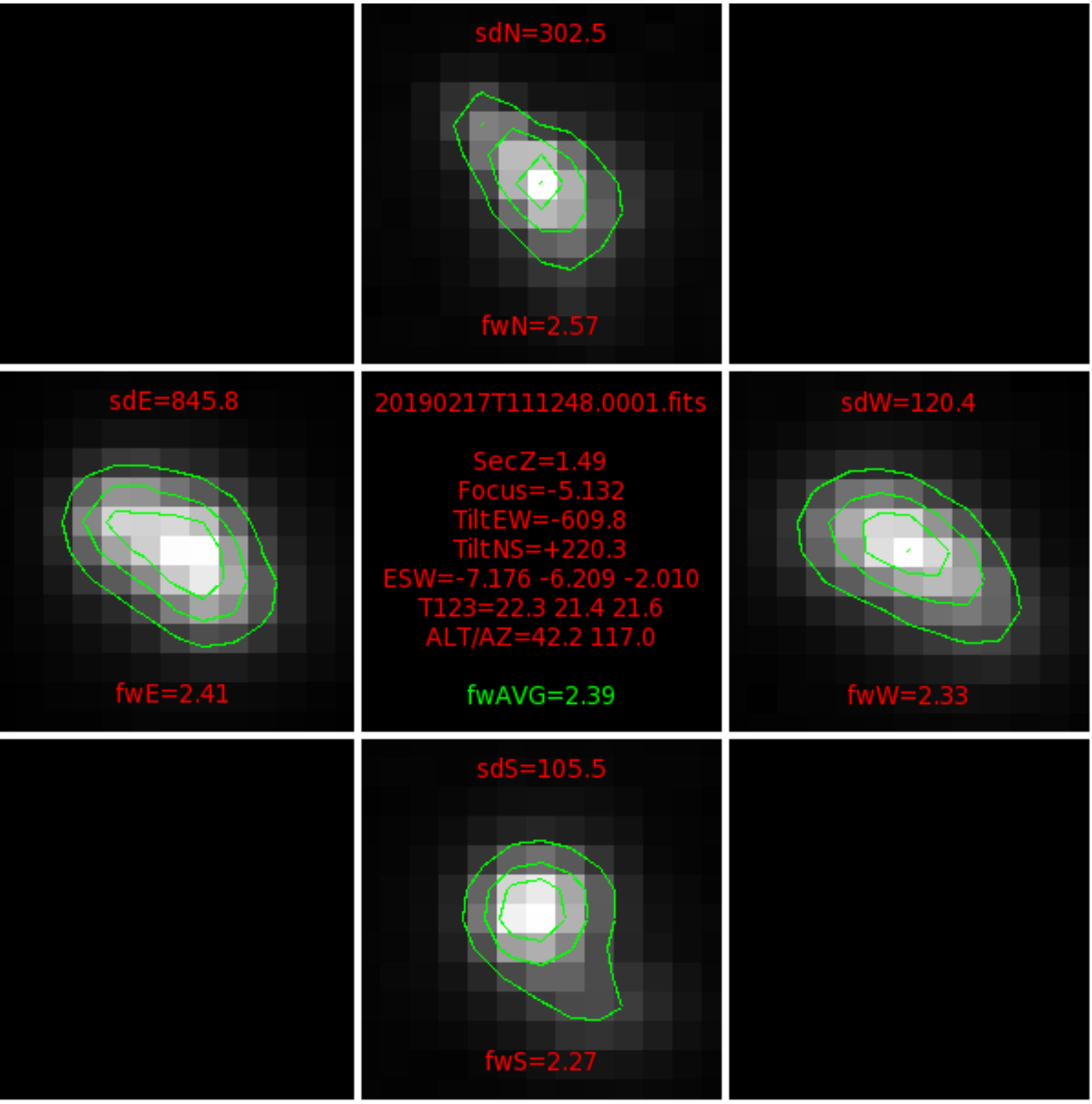
sdN=302.5
fwN=2.57
sdE=845.8
fwE=2.41
20190217T111248.0001.fits
SecZ=1.49
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 21.4 21.6
ALT/AZ=42.2 117.0
fwAVG=2.39
sdW=120.4
fwW=2.33
sdS=105.5
fwS=2.27
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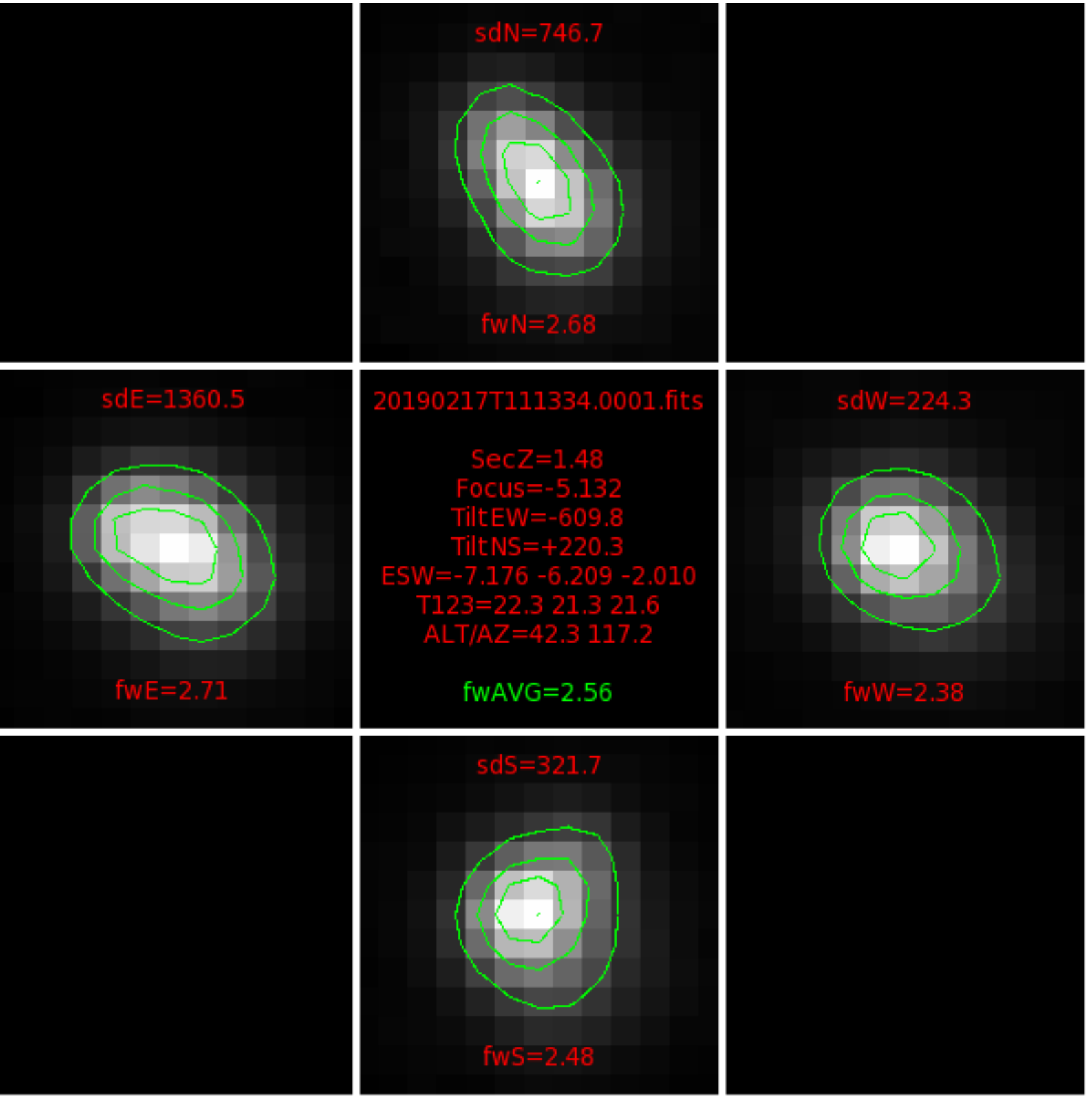
sdN=746.7
fwN=2.68
sdE=1360.5
fwE=2.71
20190217T111334.0001.fits
SecZ=1.48
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 21.3 21.6
ALT/AZ=42.3 117.2
fwAVG=2.56
sdW=224.3
fwW=2.38
sdS=321.7
fwS=2.48
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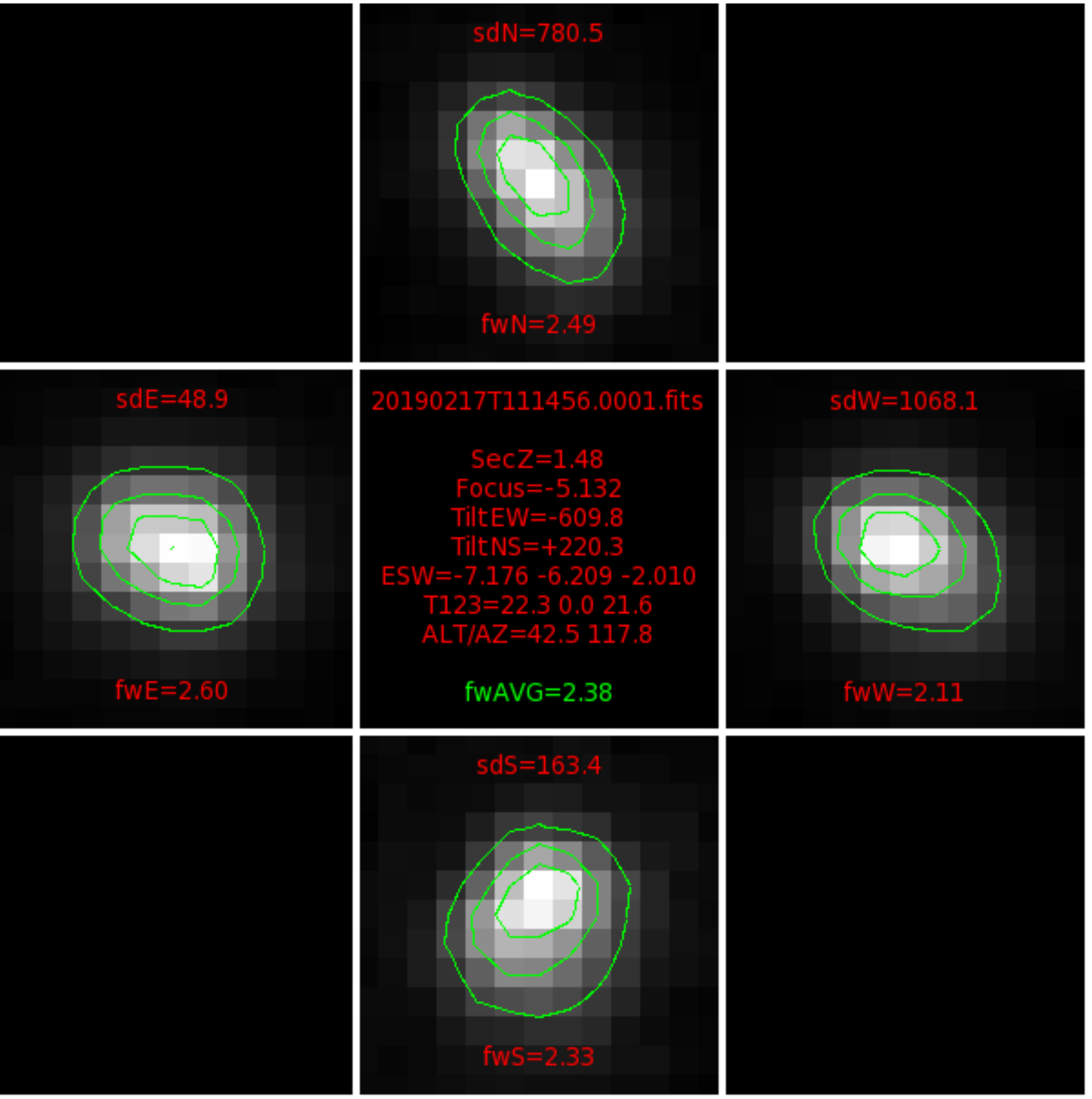
sdN=780.5
fwN=2.49
sdE=48.9
fwE=2.60
20190217T111456.0001.fits
SecZ=1.48
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 0.0 21.6
ALT/AZ=42.5 117.8
fwAVG=2.38
sdW=1068.1
fwW=2.11
sdS=163.4
fwS=2.33
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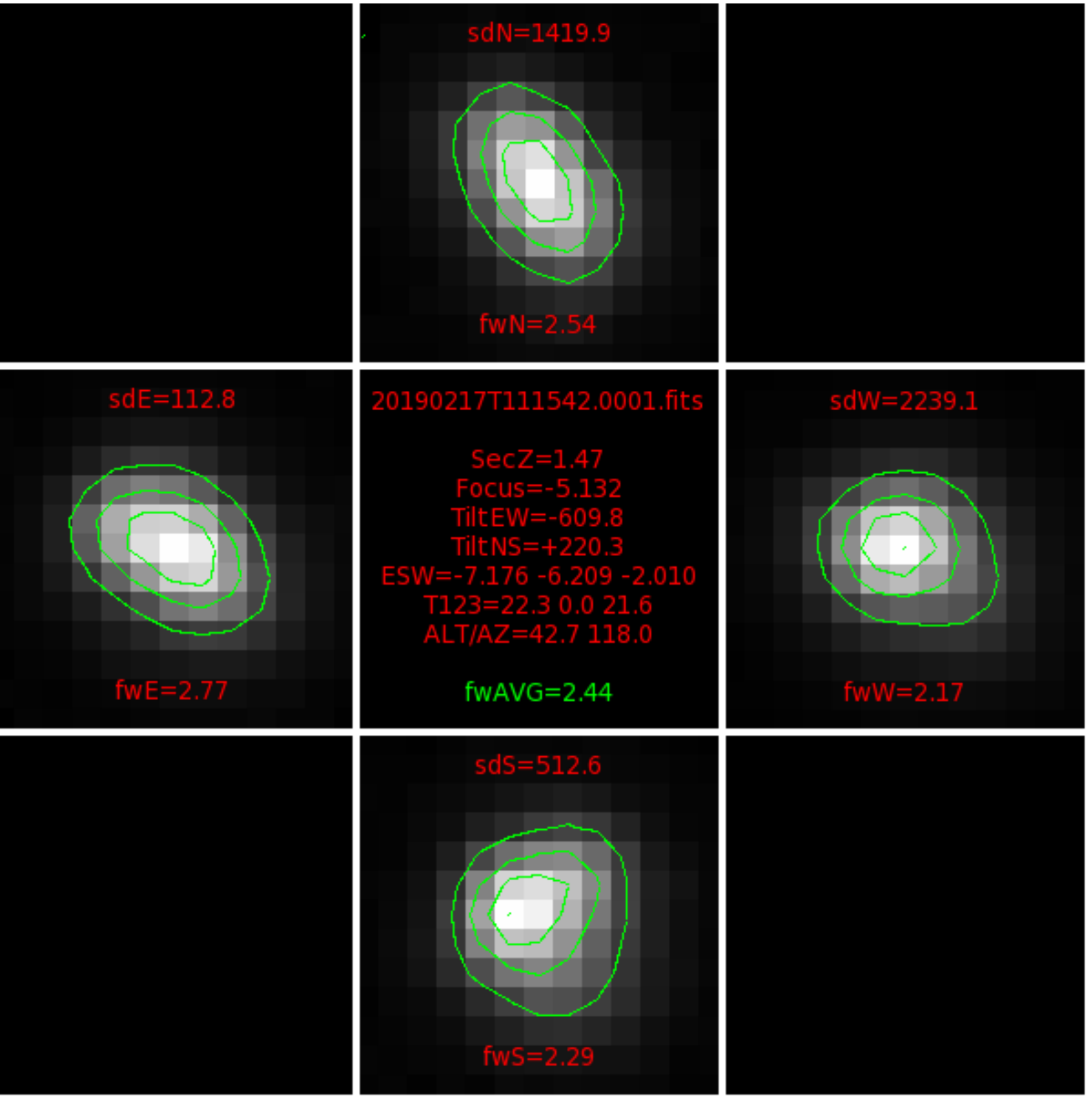
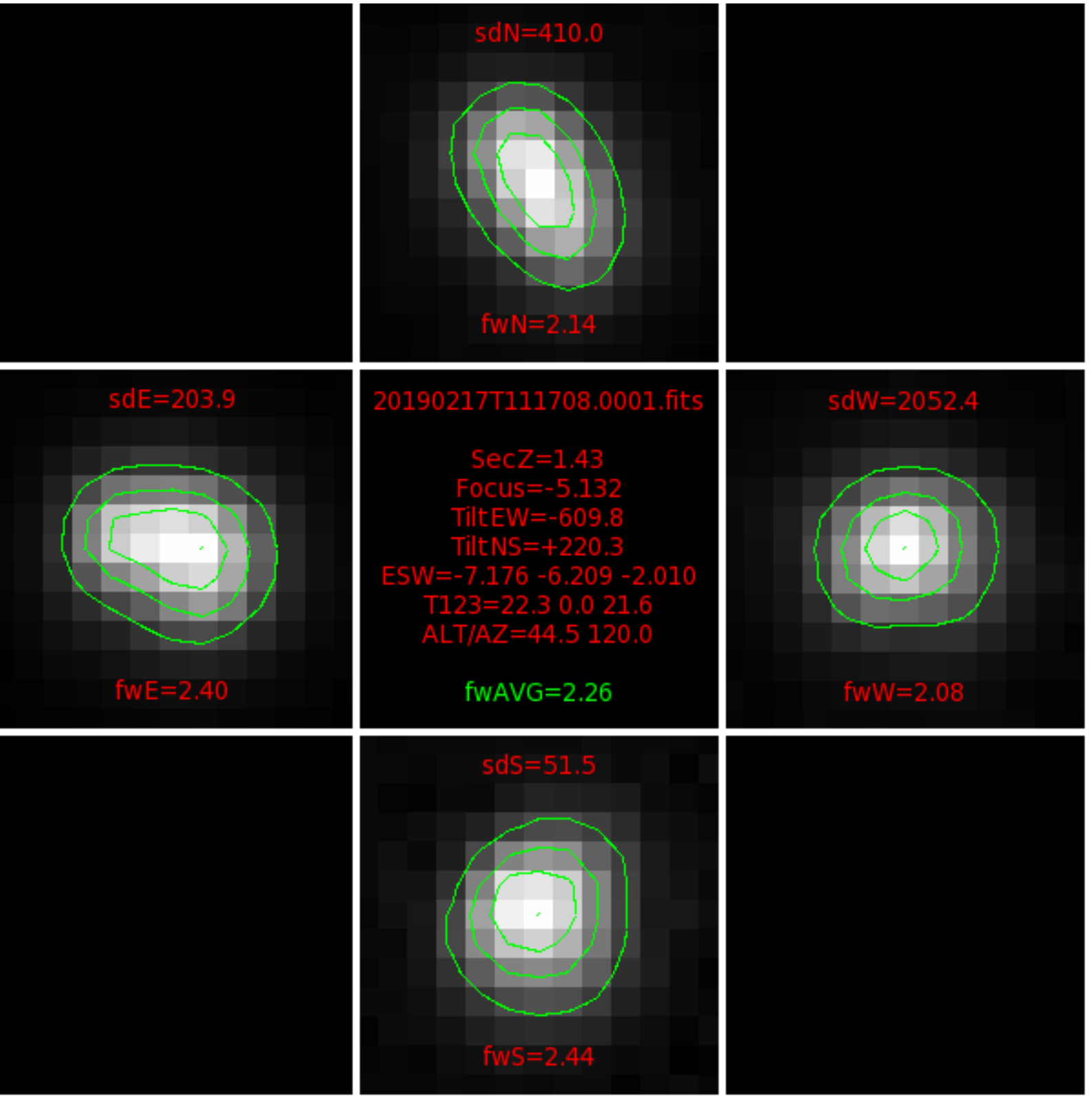
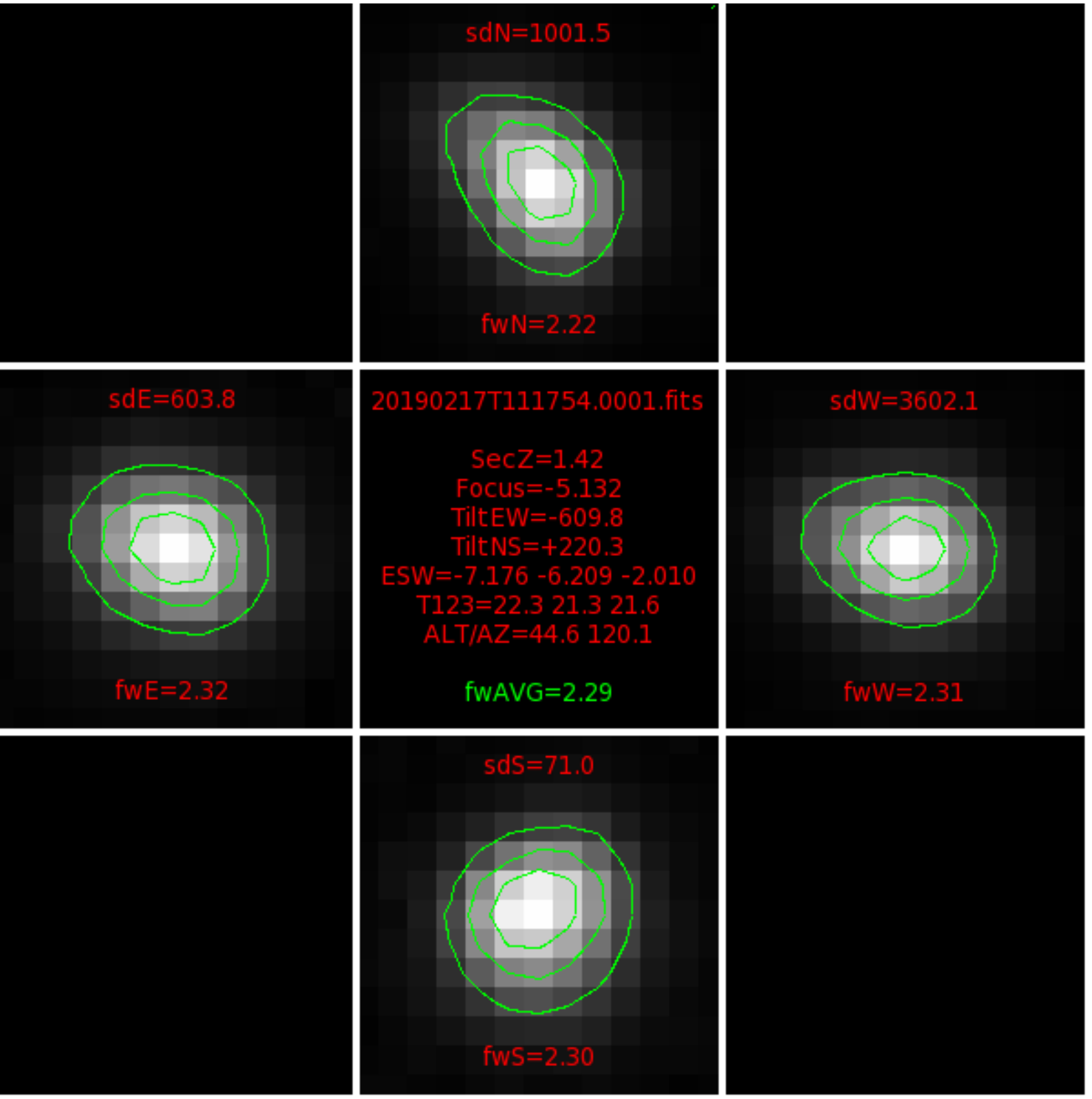

sdN=1419.9
fwN=2.54
sdE=112.8
fwE=2.77
20190217T111542.0001.fits
SecZ=1.47
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 0.0 21.6
ALT/AZ=42.7 118.0
fwAVG=2.44
sdW=2239.1
fwW=2.17
sdS=512.6
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=410.0
fwN=2.14
sdE=203.9
fwE=2.40
20190217T111708.0001.fits
SecZ=1.43
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 0.0 21.6
ALT/AZ=44.5 120.0
fwAVG=2.26
sdW=2052.4
fwW=2.08
sdS=51.5
fwS=2.44
0 0 0 0 0 0 0 0 0


sdN=1001.5
fwN=2.22
sdE=603.8
fwE=2.32
20190217T111754.0001.fits
SecZ=1.42
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 21.3 21.6
ALT/AZ=44.6 120.1
fwAVG=2.29
sdW=3602.1
fwW=2.31
sdS=71.0
fwS=2.30
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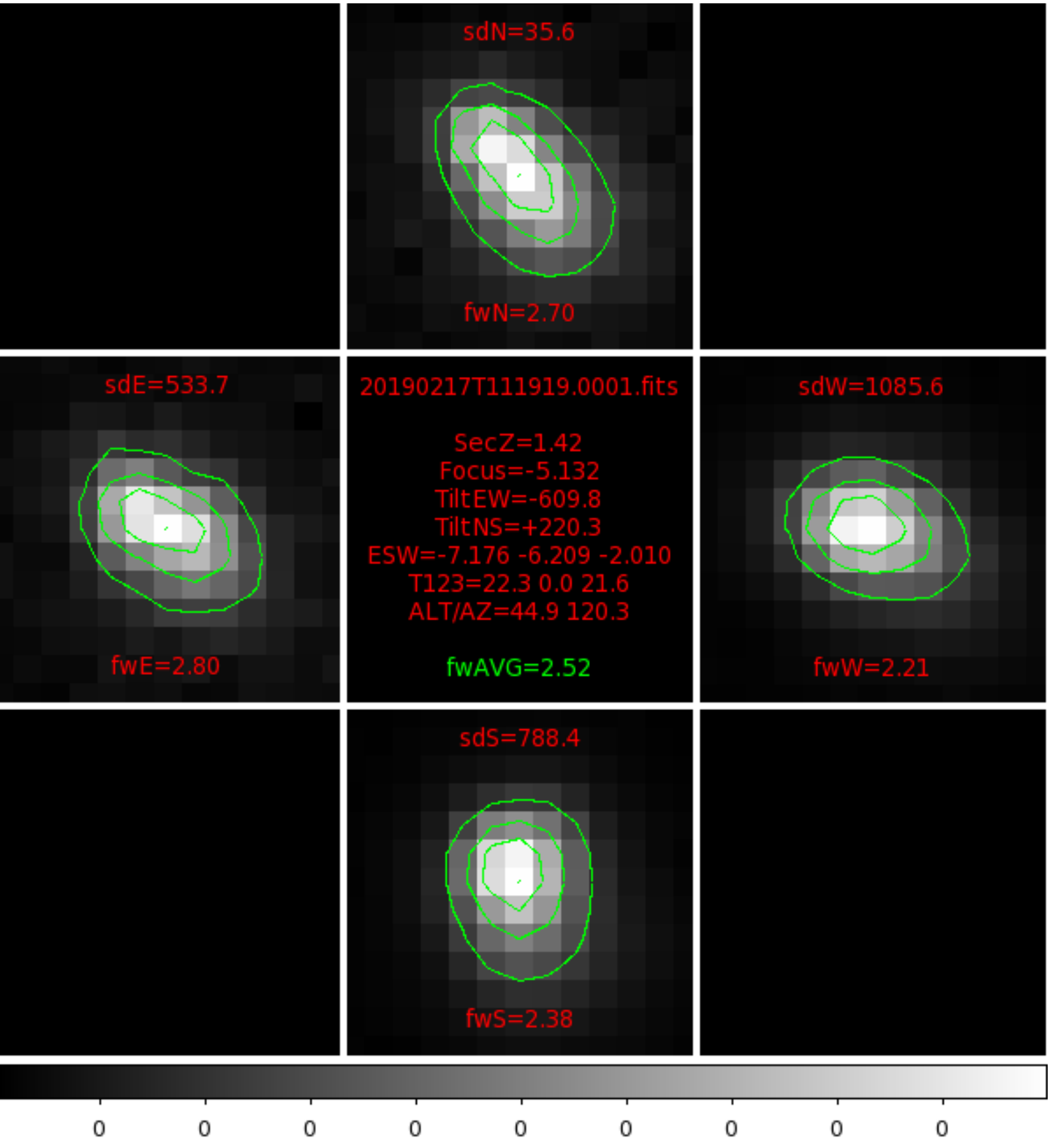
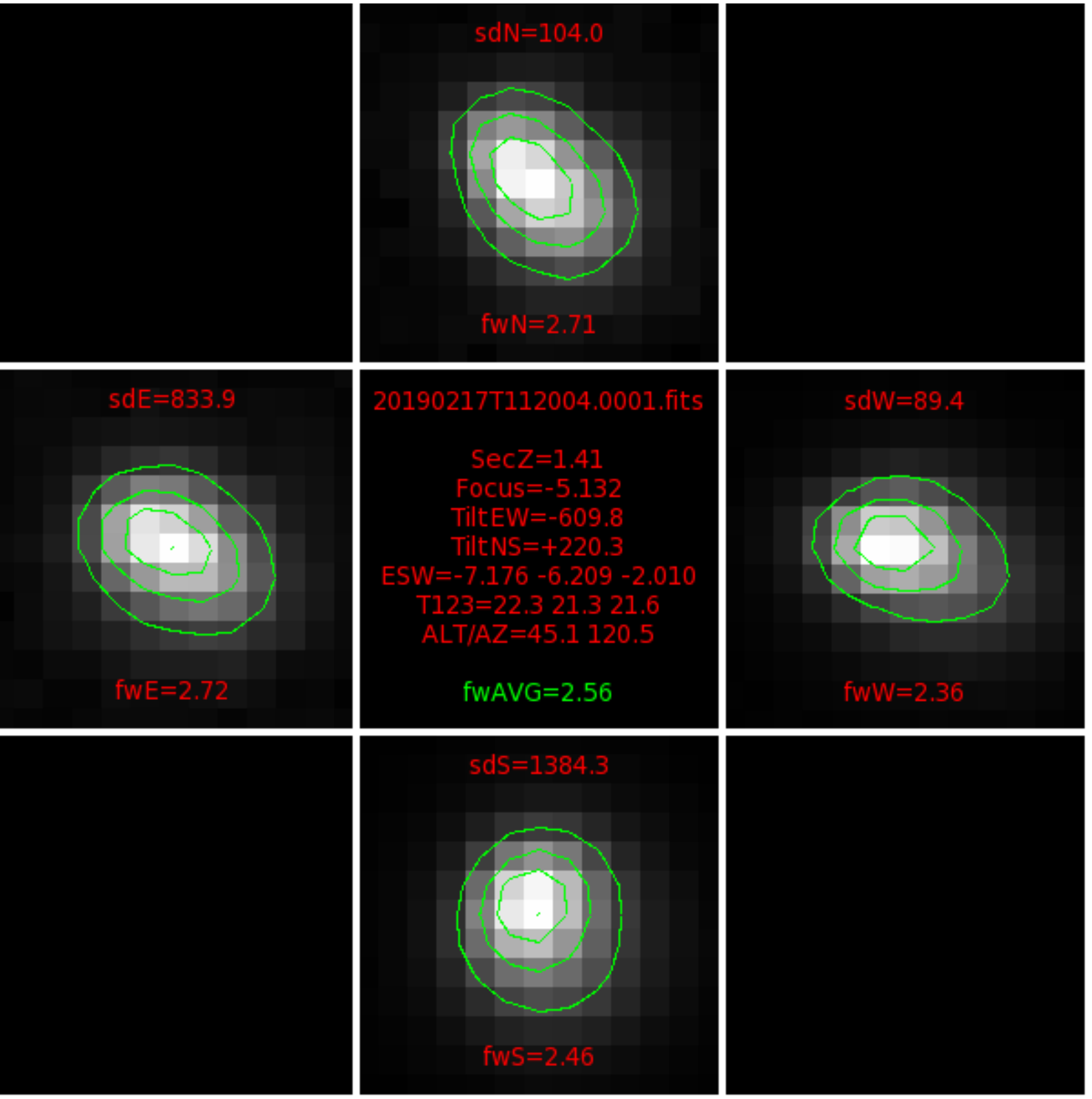

sdN=35.6
fwN=2.70
sdE=533.7
fwE=2.80
20190217T111919.0001.fits
SecZ=1.42
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 0.0 21.6
ALT/AZ=44.9 120.3
fwAVG=2.52
sdW=1085.6
fwW=2.21
sdS=788.4
fwS=2.38
0 0 0 0 0 0 0 0 0


sdN=104.0
fwN=2.71
sdE=833.9
fwE=2.72
20190217T112004.0001.fits
SecZ=1.41
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 21.3 21.6
ALT/AZ=45.1 120.5
fwAVG=2.56
sdW=89.4
fwW=2.36
sdS=1384.3
fwS=2.46
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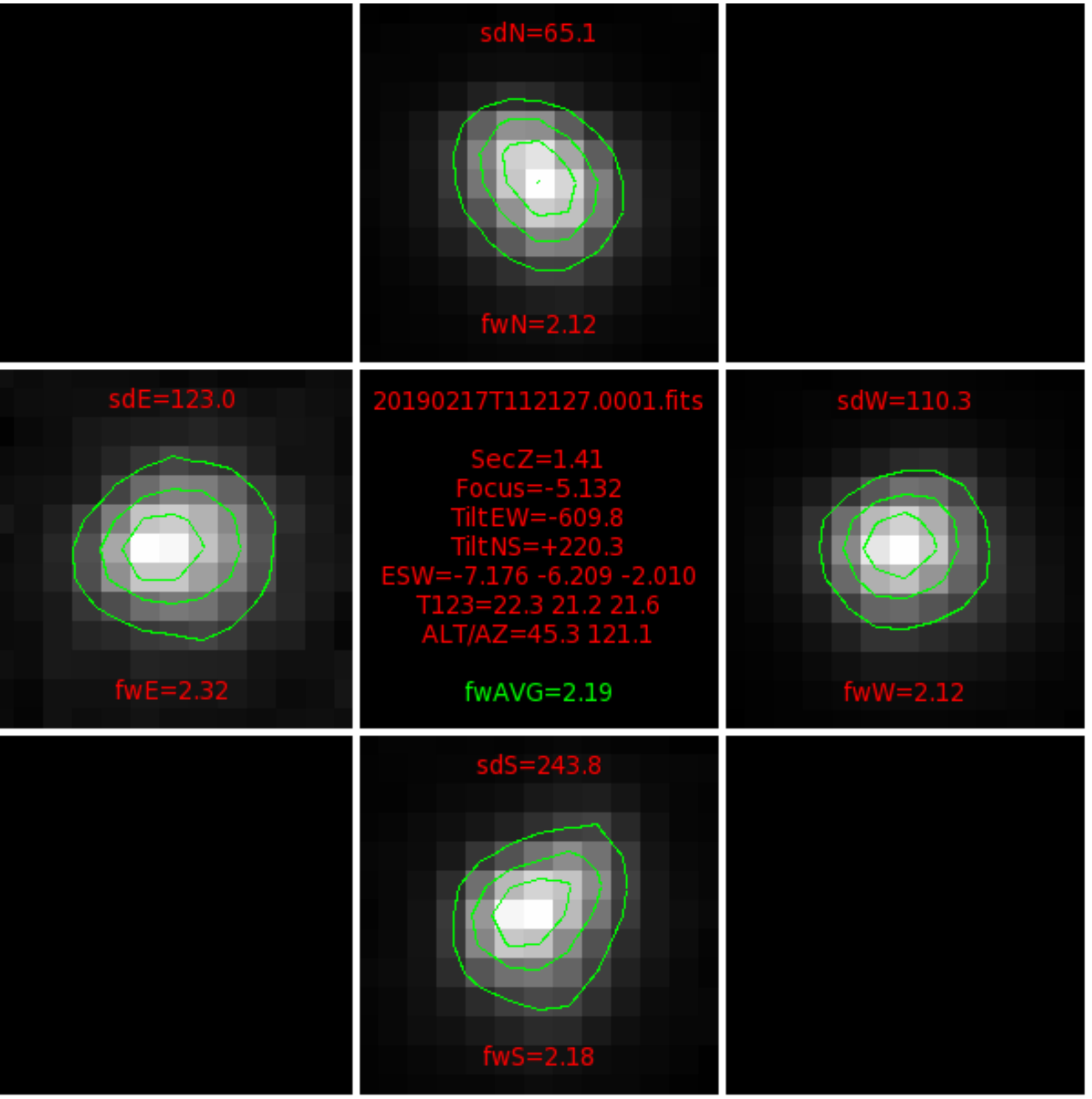
sdN=65.1
fwN=2.12
sdE=123.0
fwE=2.32
20190217T112127.0001.fits
SecZ=1.41
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 21.2 21.6
ALT/AZ=45.3 121.1
fwAVG=2.19
sdW=110.3
fwW=2.12
sdS=243.8
fwS=2.18
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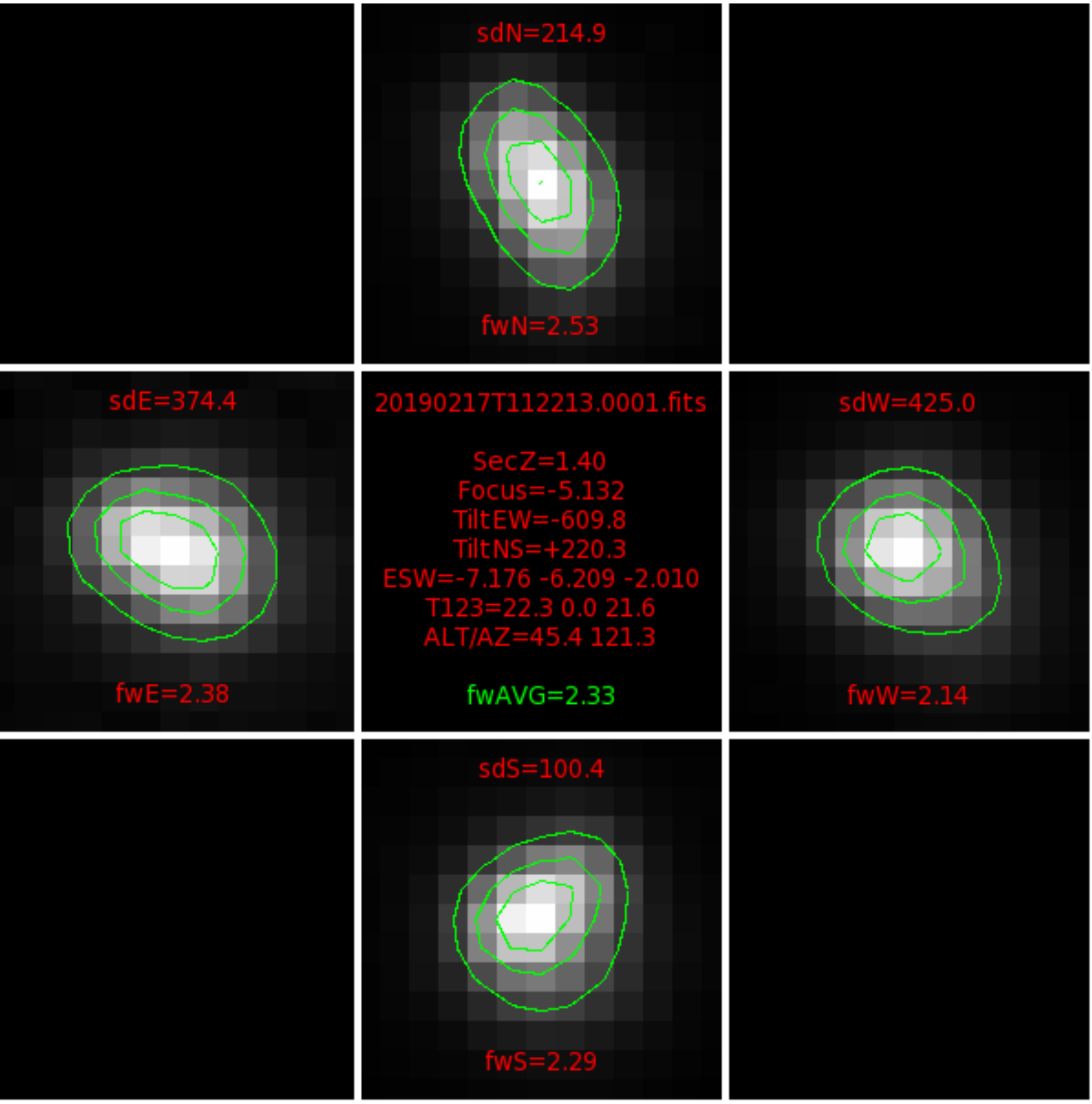
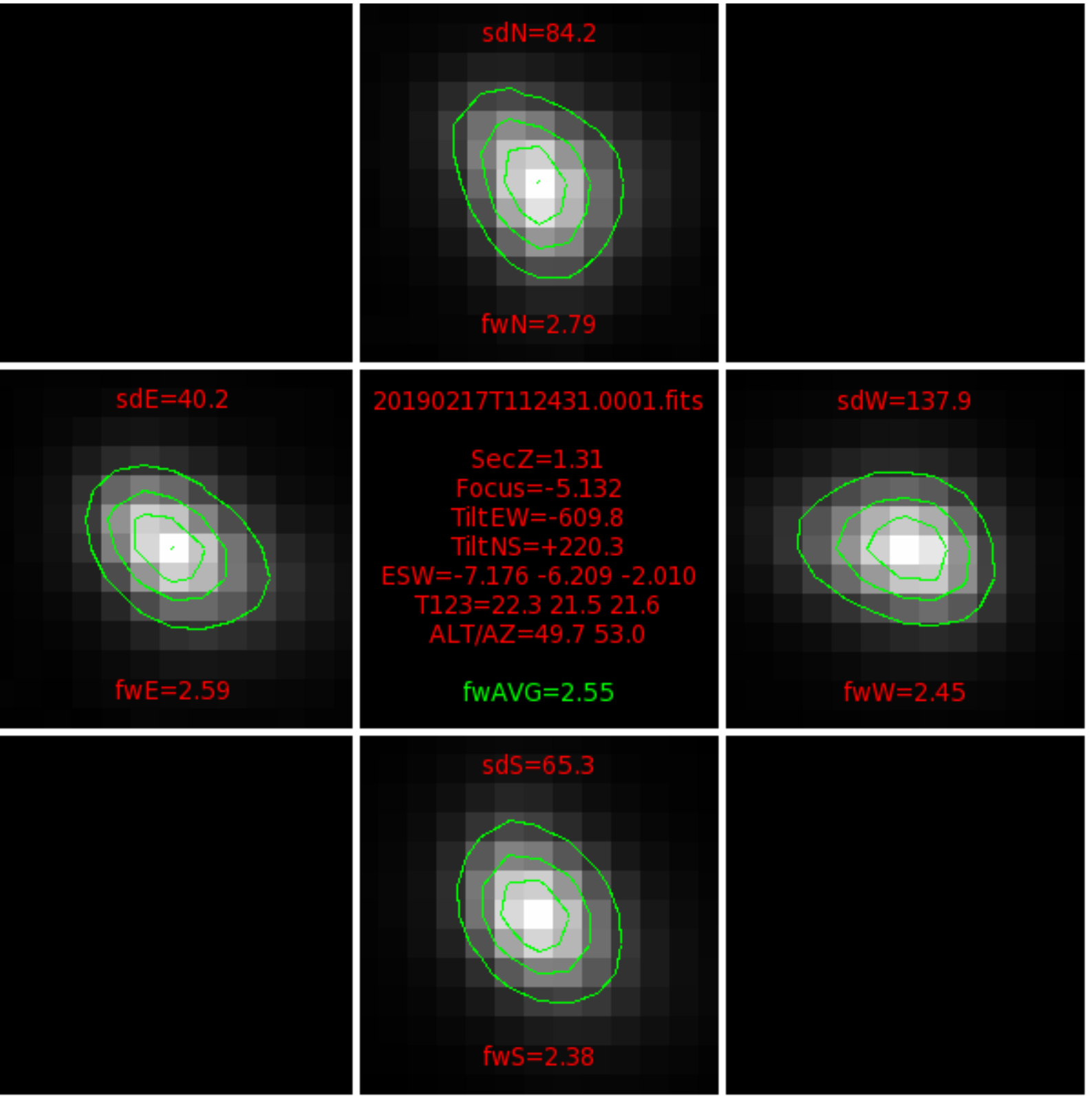

sdN=214.9
fwN=2.53
sdE=374.4
fwE=2.38
20190217T112213.0001.fits
SecZ=1.40
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 0.0 21.6
ALT/AZ=45.4 121.3
fwAVG=2.33
sdW=425.0
fwW=2.14
sdS=100.4
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=84.2
fwN=2.79
sdE=40.2
fwE=2.59
20190217T112431.0001.fits
SecZ=1.31
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 21.5 21.6
ALT/AZ=49.7 53.0
fwAVG=2.55
sdW=137.9
fwW=2.45
sdS=65.3
fwS=2.38
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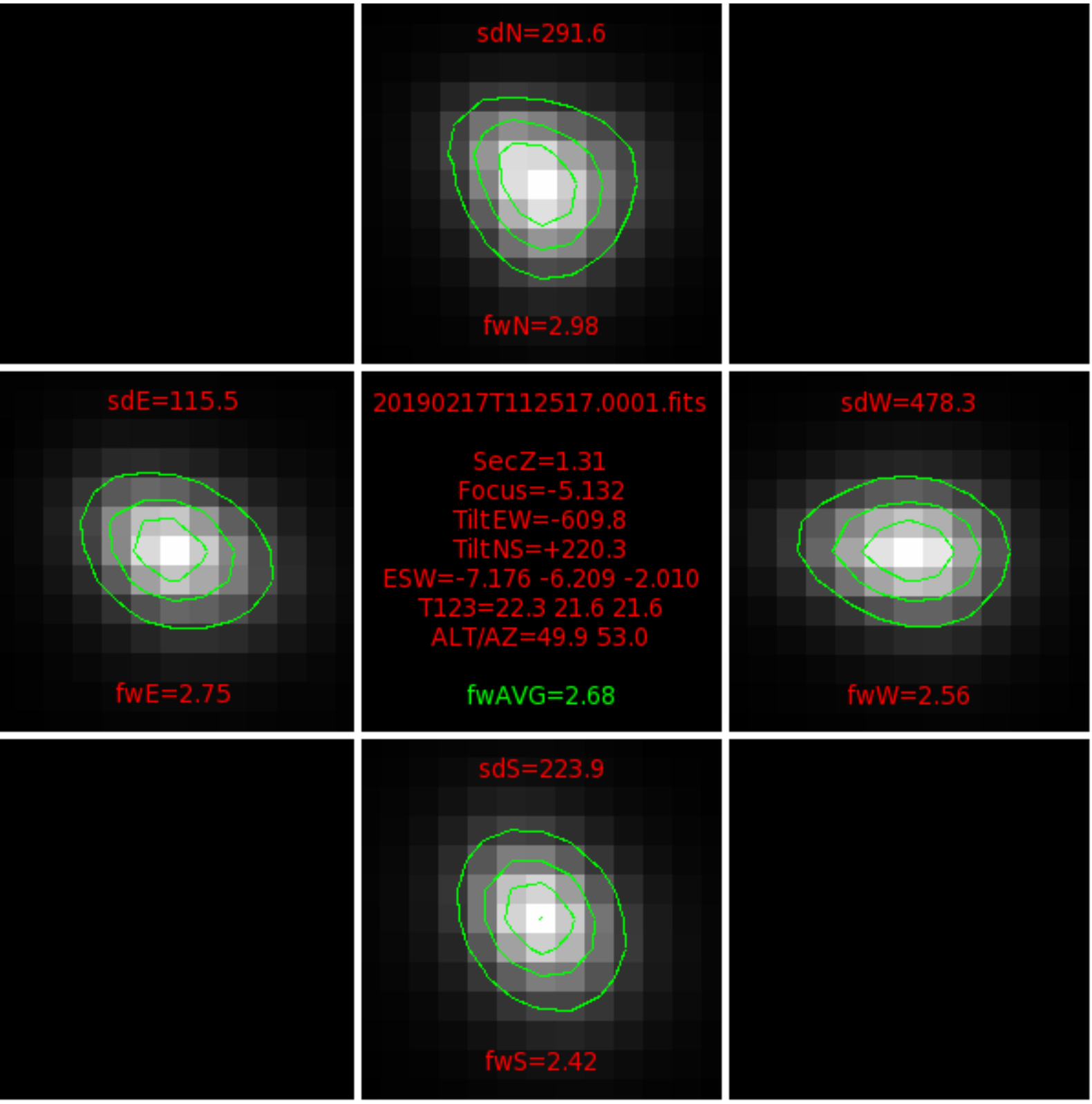
sdN=291.6
fwN=2.98
sdE=115.5
fwE=2.75
20190217T112517.0001.fits
SecZ=1.31
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.3 21.6 21.6
ALT/AZ=49.9 53.0
fwAVG=2.68
sdW=478.3
fwW=2.56
sdS=223.9
fwS=2.42
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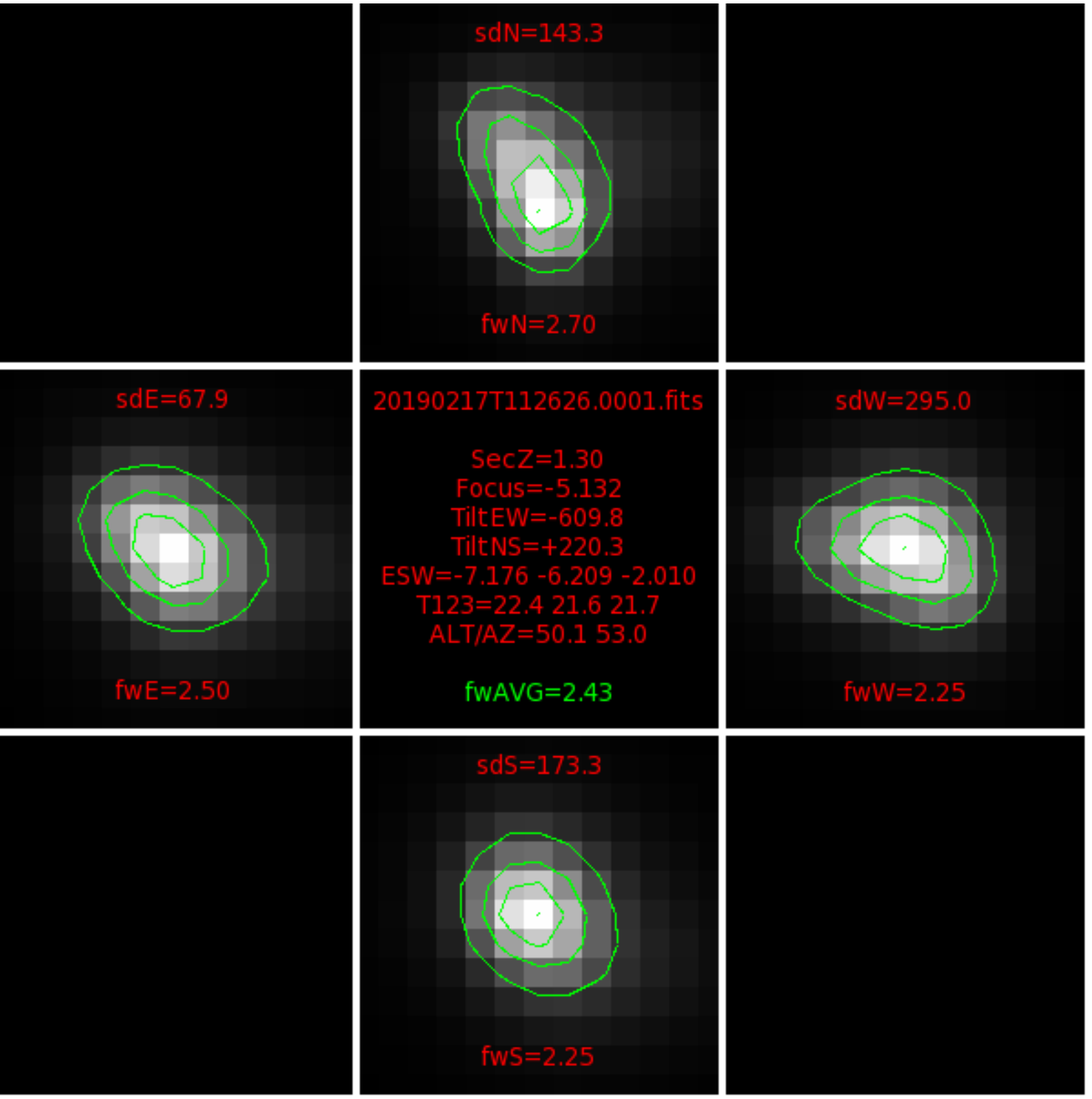
sdN=143.3
fwN=2.70
sdE=67.9
fwE=2.50
20190217T112626.0001.fits
SecZ=1.30
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.4 21.6 21.7
ALT/AZ=50.1 53.0
fwAVG=2.43
sdW=295.0
fwW=2.25
sdS=173.3
fwS=2.25
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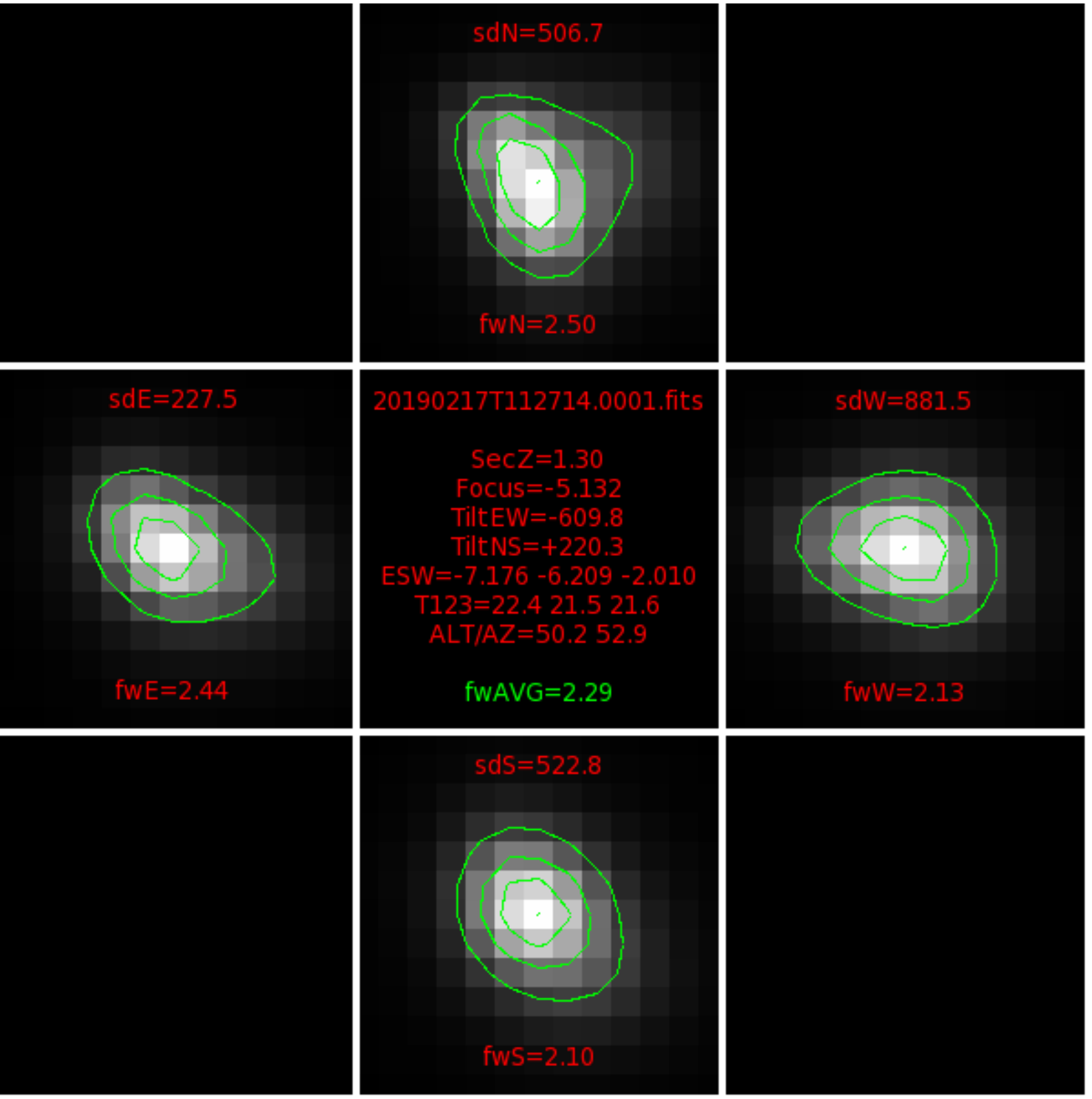
sdN=506.7
fwN=2.50
sdE=227.5
fwE=2.44
20190217T112714.0001.fits
SecZ=1.30
Focus=-5.132
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.176 -6.209 -2.010
T123=22.4 21.5 21.6
ALT/AZ=50.2 52.9
fwAVG=2.29
sdW=881.5
fwW=2.13
sdS=522.8
fwS=2.10
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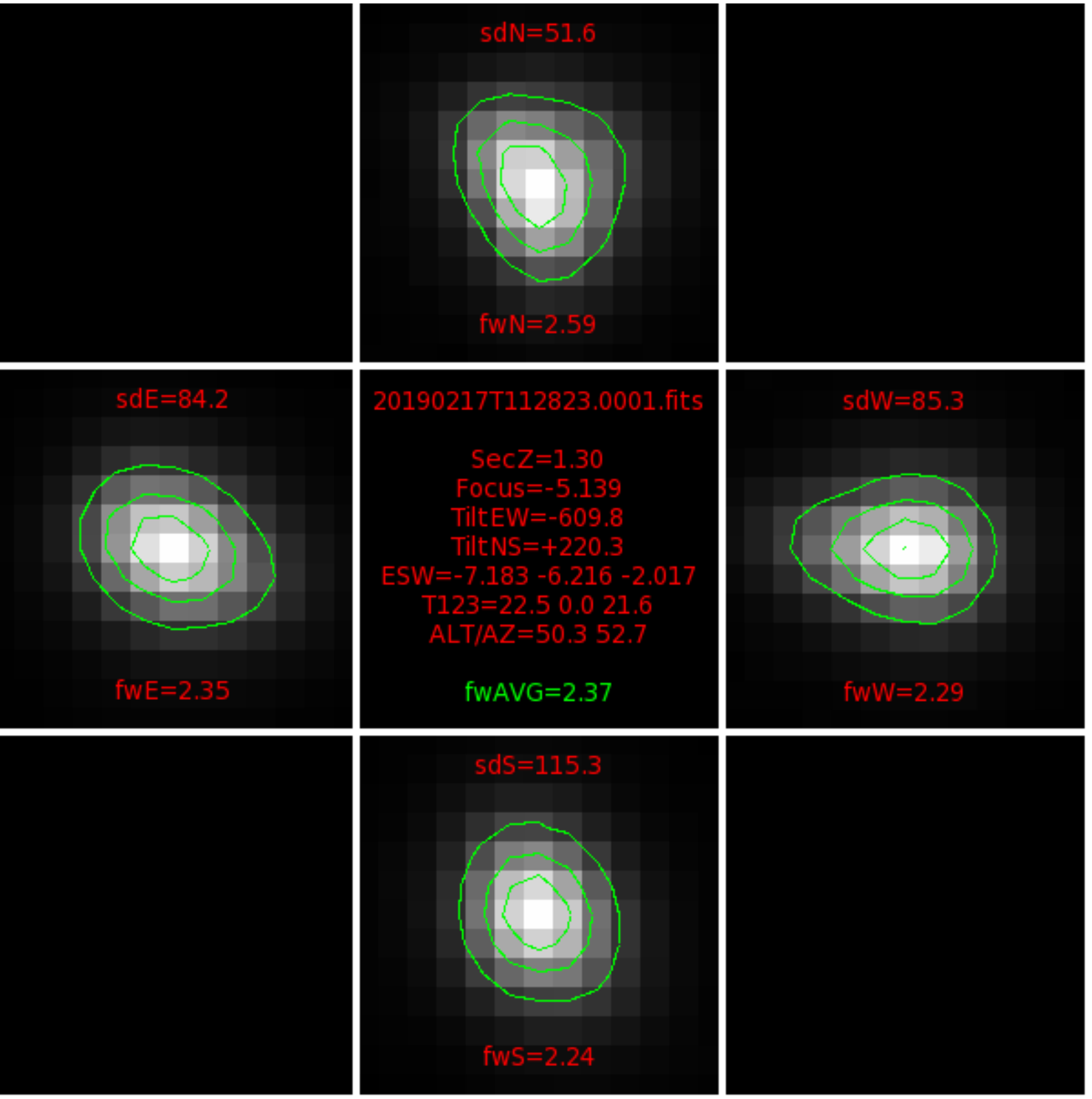
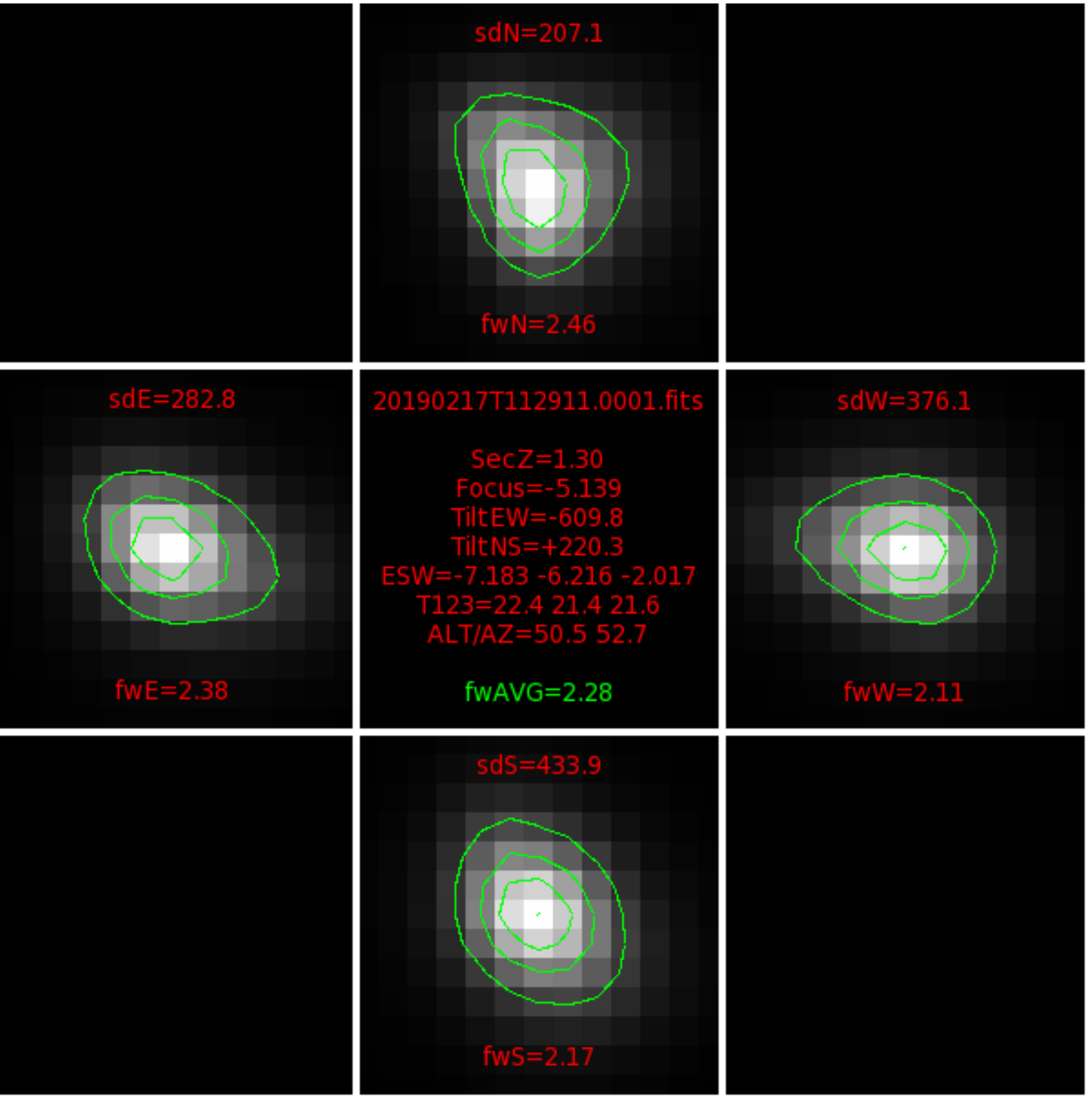
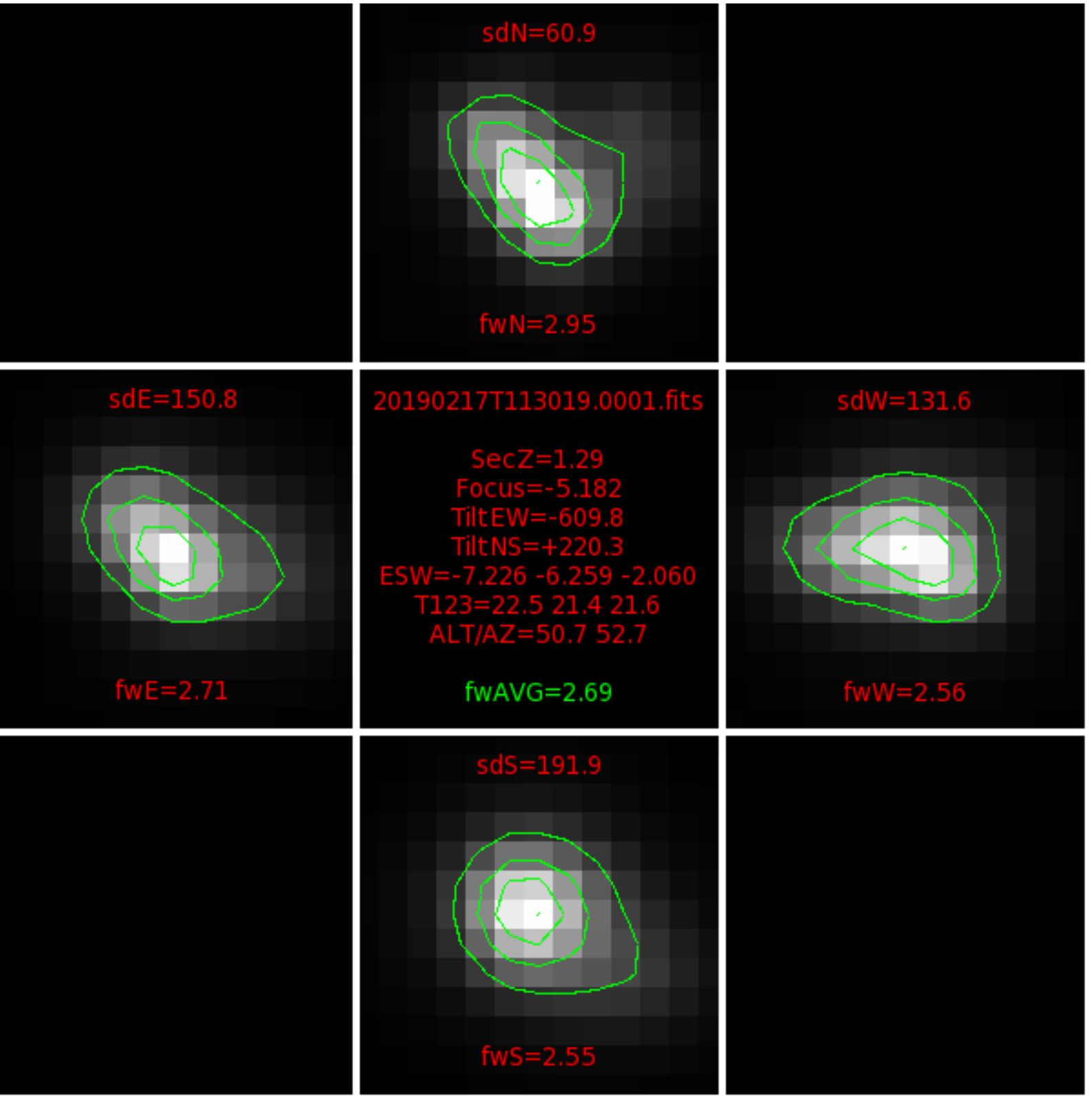

sdN=51.6
fwN=2.59
sdE=84.2
fwE=2.35
20190217T112823.0001.fits
SecZ=1.30
Focus=-5.139
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.183 -6.216 -2.017
T123=22.5 0.0 21.6
ALT/AZ=50.3 52.7
fwAVG=2.37
sdW=85.3
fwW=2.29
sdS=115.3
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=207.1
fwN=2.46
sdE=282.8
fwE=2.38
20190217T112911.0001.fits
SecZ=1.30
Focus=-5.139
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.183 -6.216 -2.017
T123=22.4 21.4 21.6
ALT/AZ=50.5 52.7
fwAVG=2.28
sdW=376.1
fwW=2.11
sdS=433.9
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=60.9
fwN=2.95
sdE=150.8
fwE=2.71
20190217T113019.0001.fits
SecZ=1.29
Focus=-5.182
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.226 -6.259 -2.060
T123=22.5 21.4 21.6
ALT/AZ=50.7 52.7
fwAVG=2.69
sdW=131.6
fwW=2.56
sdS=191.9
fwS=2.55
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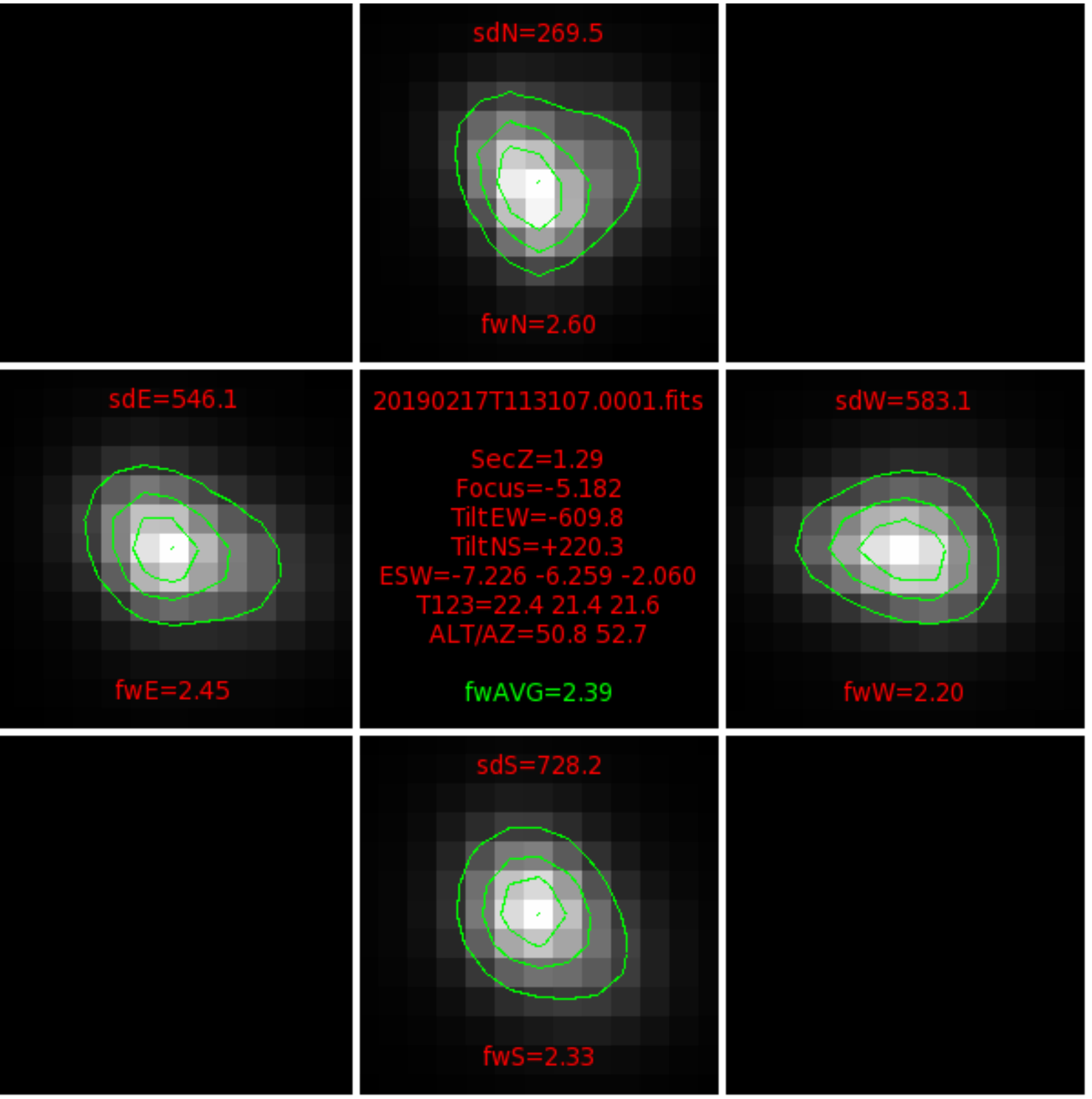
sdN=269.5
fwN=2.60
sdE=546.1
fwE=2.45
20190217T113107.0001.fits
SecZ=1.29
Focus=-5.182
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.226 -6.259 -2.060
T123=22.4 21.4 21.6
ALT/AZ=50.8 52.7
fwAVG=2.39
sdW=583.1
fwW=2.20
sdS=728.2
fwS=2.33
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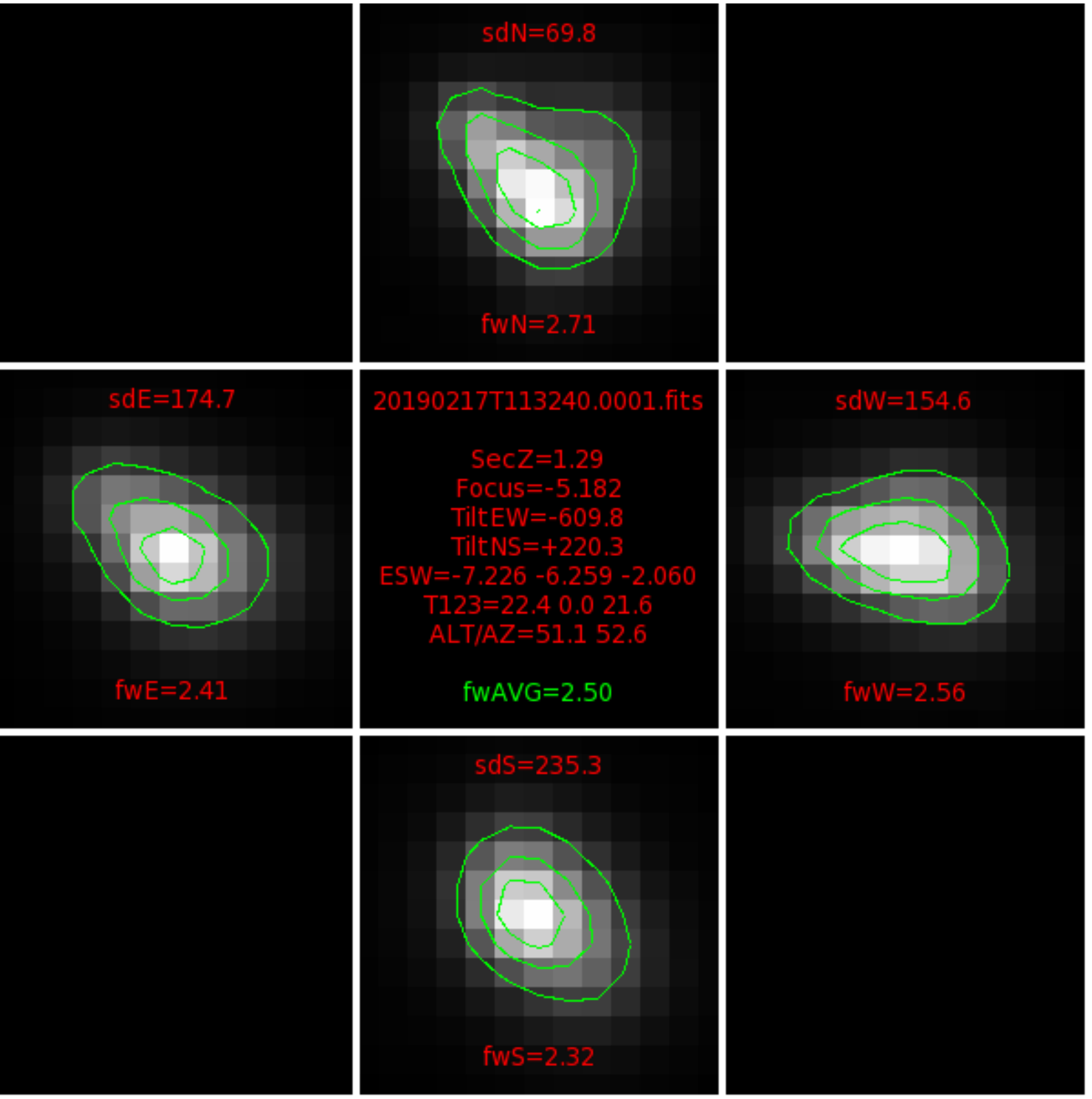
sdN=69.8
fwN=2.71
sdE=174.7
fwE=2.41
20190217T113240.0001.fits
SecZ=1.29
Focus=-5.182
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.226 -6.259 -2.060
T123=22.4 0.0 21.6
ALT/AZ=51.1 52.6
fwAVG=2.50
sdW=154.6
fwW=2.56
sdS=235.3
fwS=2.32
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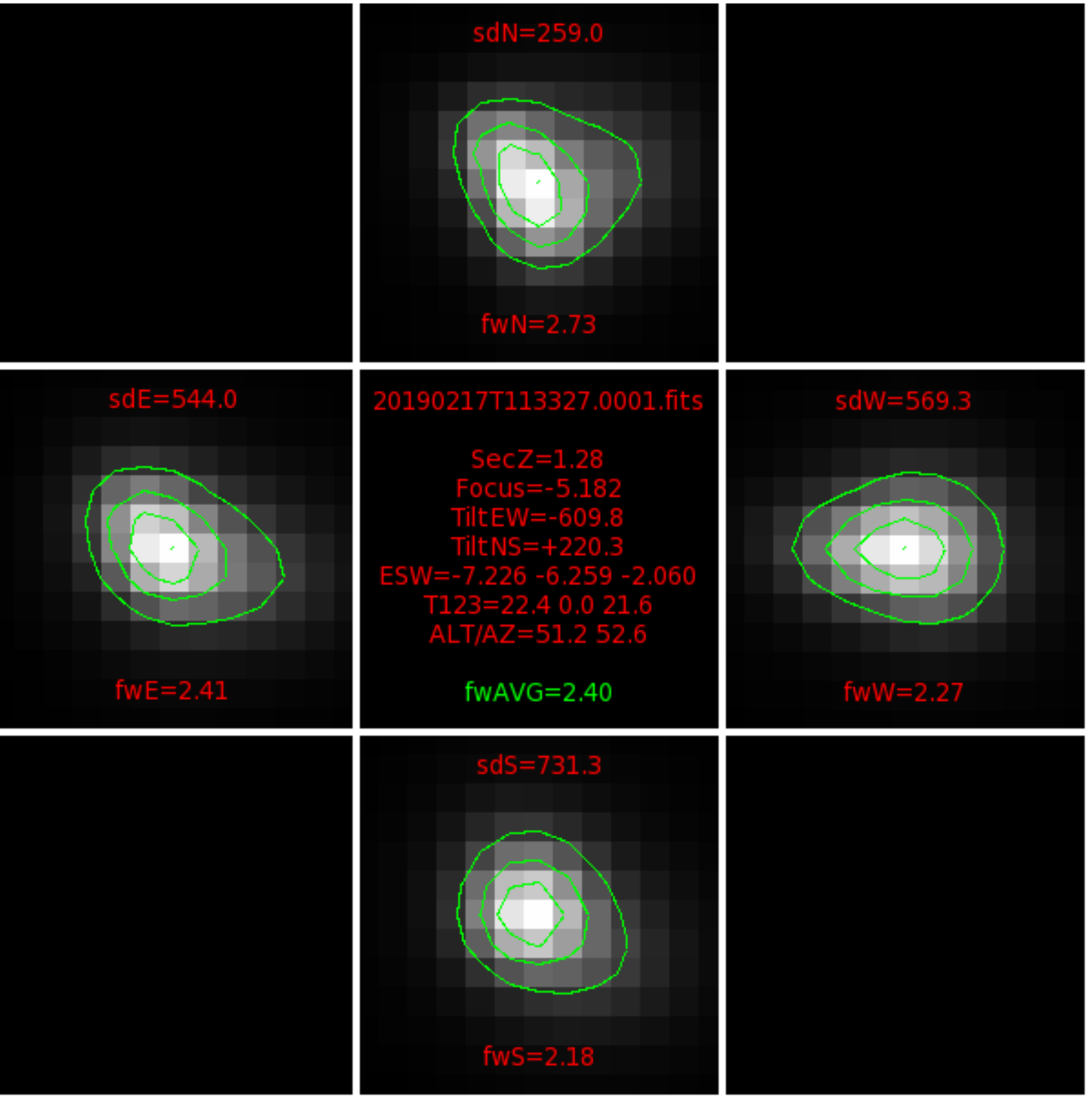
sdN=259.0
fwN=2.73
sdE=544.0
fwE=2.41
20190217T113327.0001.fits
SecZ=1.28
Focus=-5.182
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.226 -6.259 -2.060
T123=22.4 0.0 21.6
ALT/AZ=51.2 52.6
fwAVG=2.40
sdW=569.3
fwW=2.27
sdS=731.3
fwS=2.18
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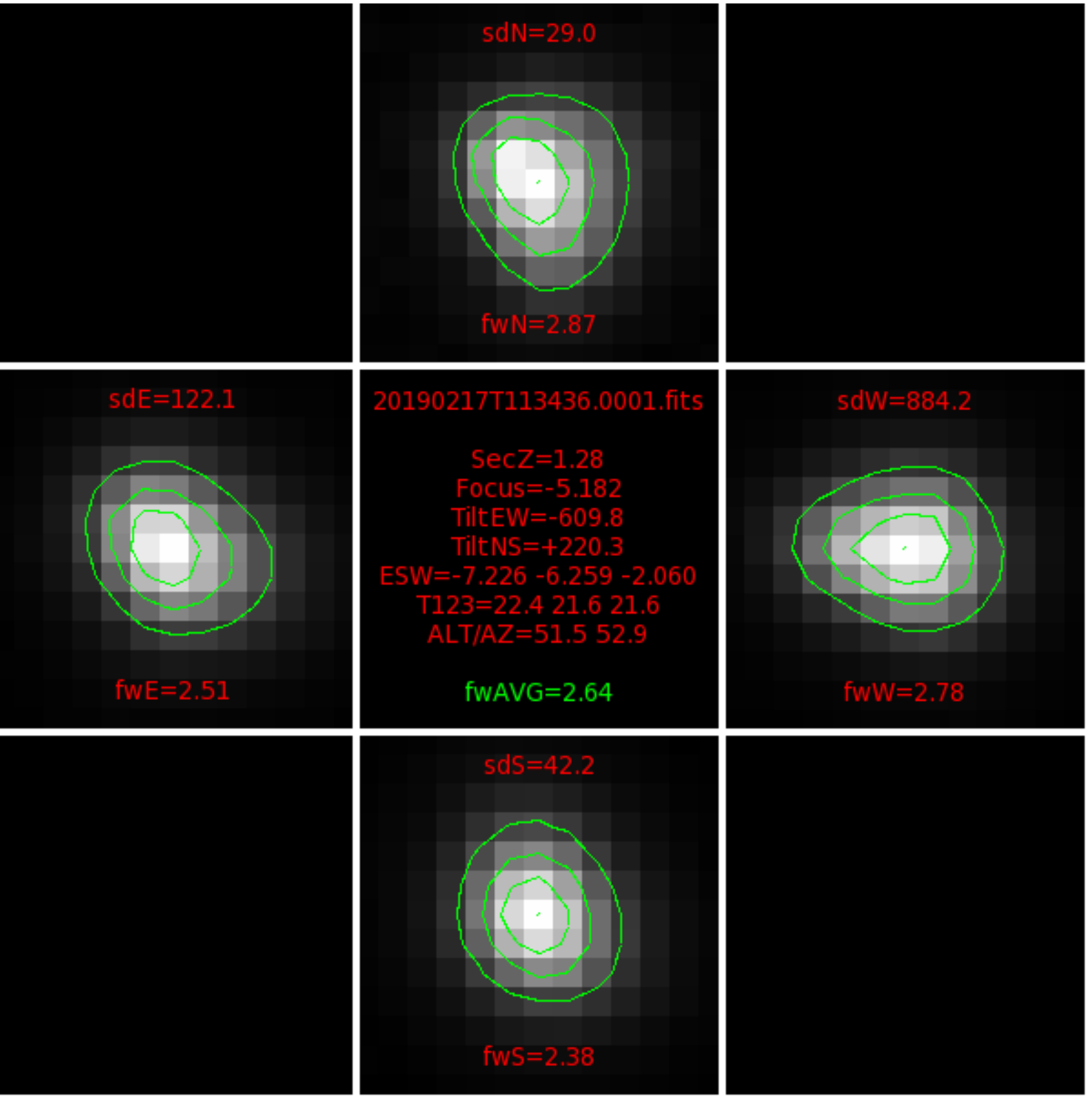
sdN=29.0
fwN=2.87
sdE=122.1
fwE=2.51
20190217T113436.0001.fits
SecZ=1.28
Focus=-5.182
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.226 -6.259 -2.060
T123=22.4 21.6 21.6
ALT/AZ=51.5 52.9
fwAVG=2.64
sdW=884.2
fwW=2.78
sdS=42.2
fwS=2.38
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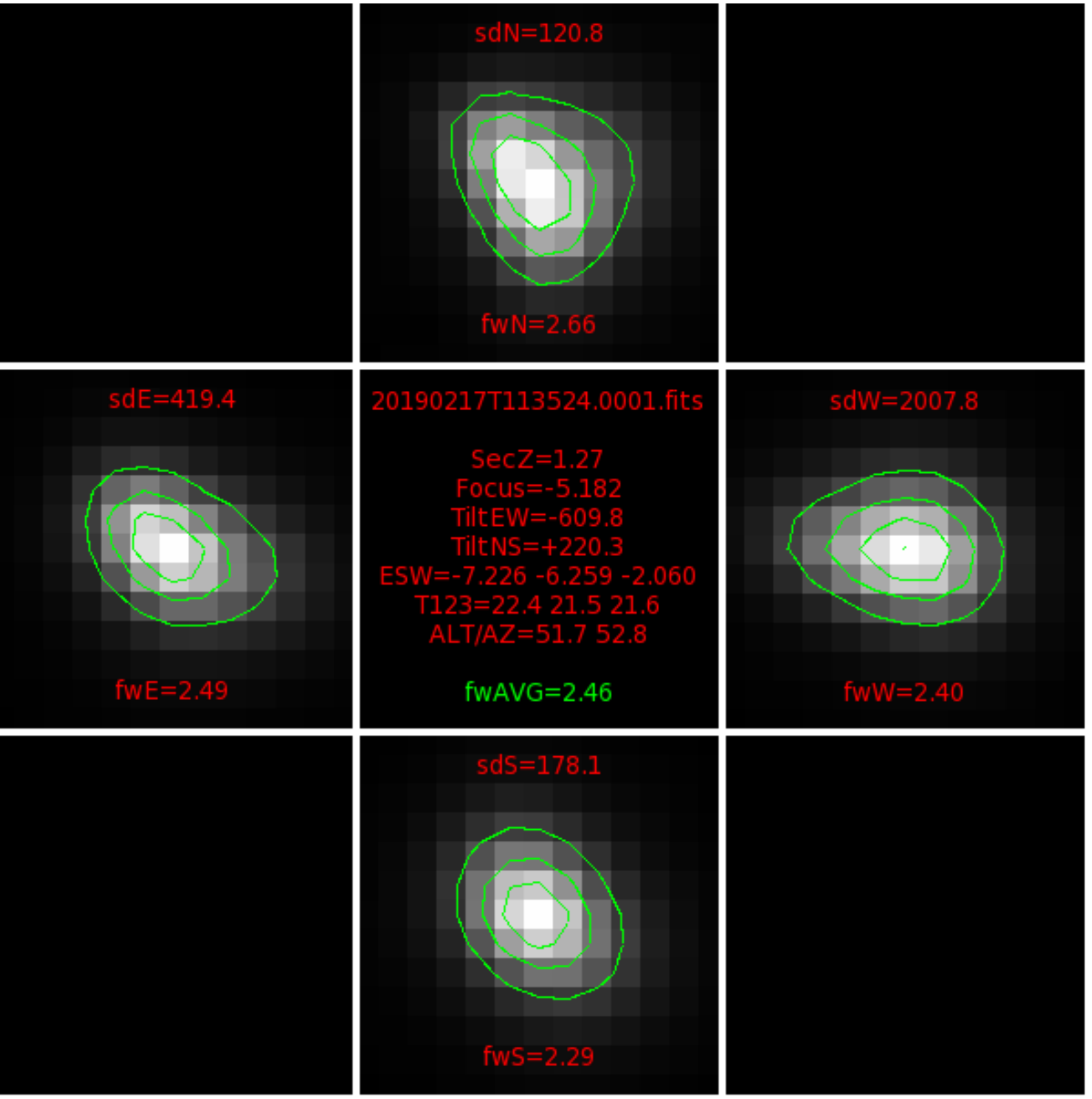
sdN=120.8
fwN=2.66
sdE=419.4
fwE=2.49
20190217T113524.0001.fits
SecZ=1.27
Focus=-5.182
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.226 -6.259 -2.060
T123=22.4 21.5 21.6
ALT/AZ=51.7 52.8
fwAVG=2.46
sdW=2007.8
fwW=2.40
sdS=178.1
fwS=2.29
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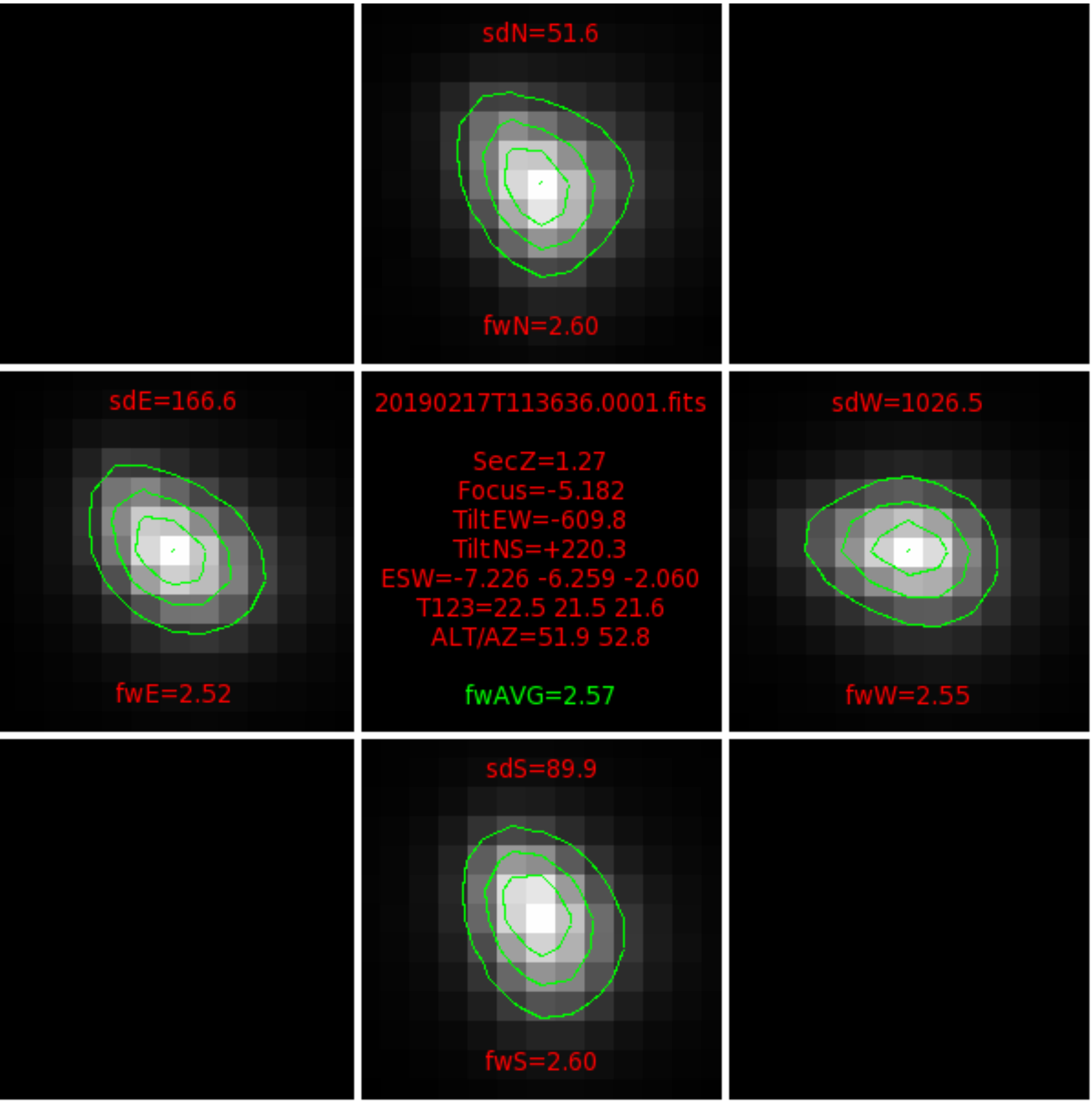
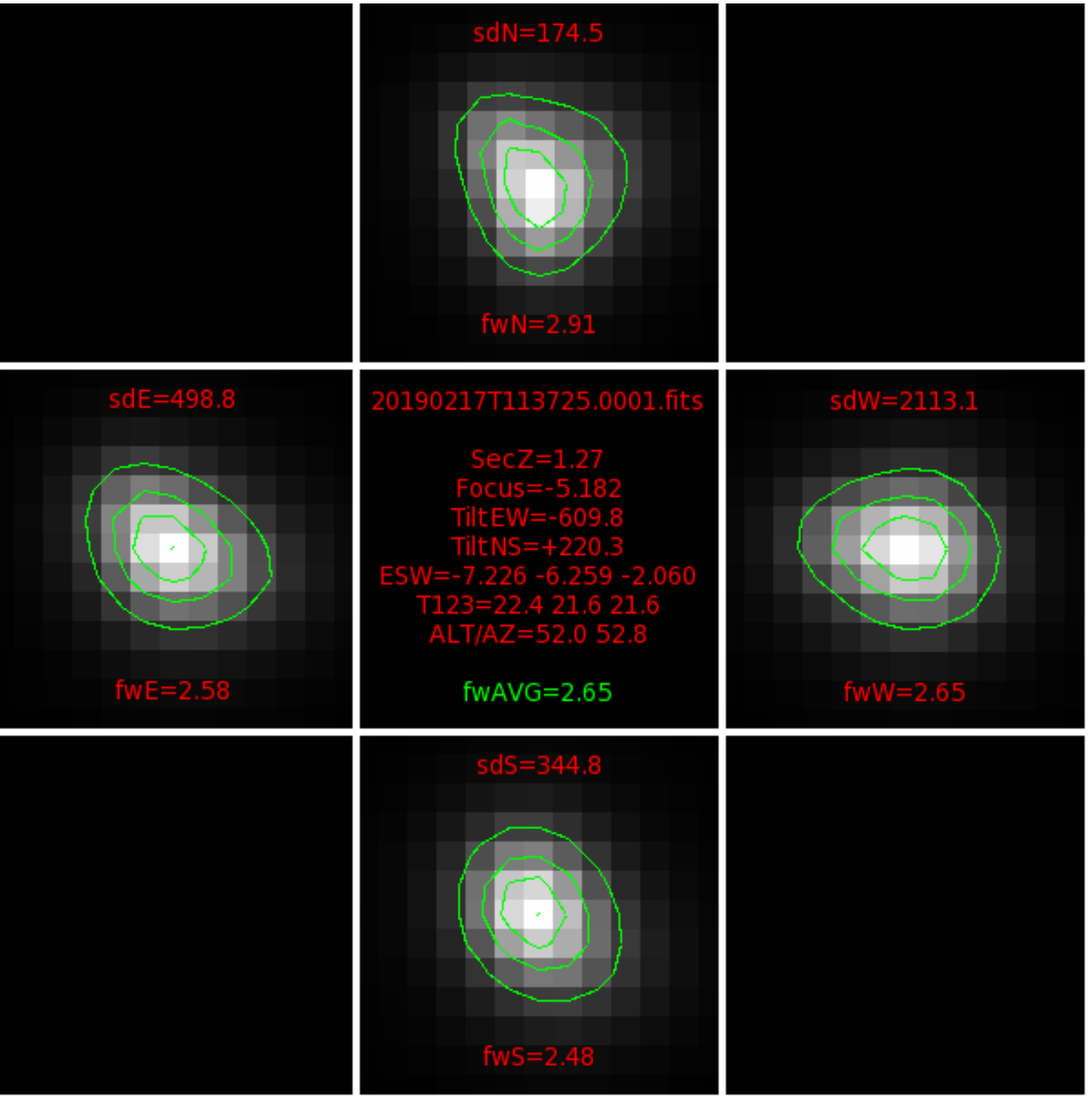

sdN=51.6
fwN=2.60
sdE=166.6
fwE=2.52
20190217T113636.0001.fits
SecZ=1.27
Focus=-5.182
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.226 -6.259 -2.060
T123=22.5 21.5 21.6
ALT/AZ=51.9 52.8
fwAVG=2.57
sdW=1026.5
fwW=2.55
sdS=89.9
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=174.5
fwN=2.91
sdE=498.8
fwE=2.58
20190217T113725.0001.fits
SecZ=1.27
Focus=-5.182
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.226 -6.259 -2.060
T123=22.4 21.6 21.6
ALT/AZ=52.0 52.8
fwAVG=2.65
sdW=2113.1
fwW=2.65
sdS=344.8
fwS=2.48
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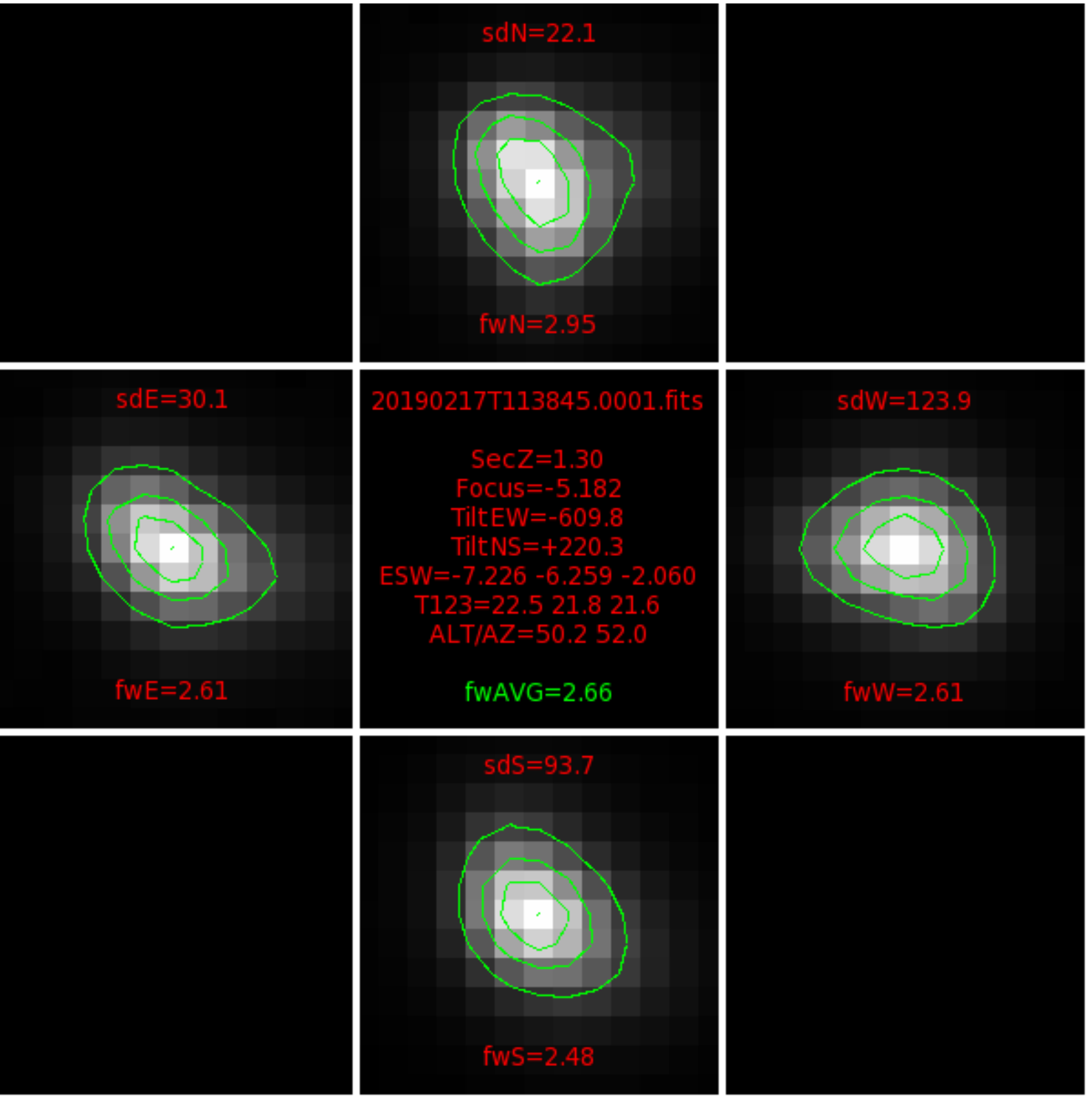
sdN=22.1
fwN=2.95
sdE=30.1
fwE=2.61
20190217T113845.0001.fits
SecZ=1.30
Focus=-5.182
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.226 -6.259 -2.060
T123=22.5 21.8 21.6
ALT/AZ=50.2 52.0
fwAVG=2.66
sdW=123.9
fwW=2.61
sdS=93.7
fwS=2.48
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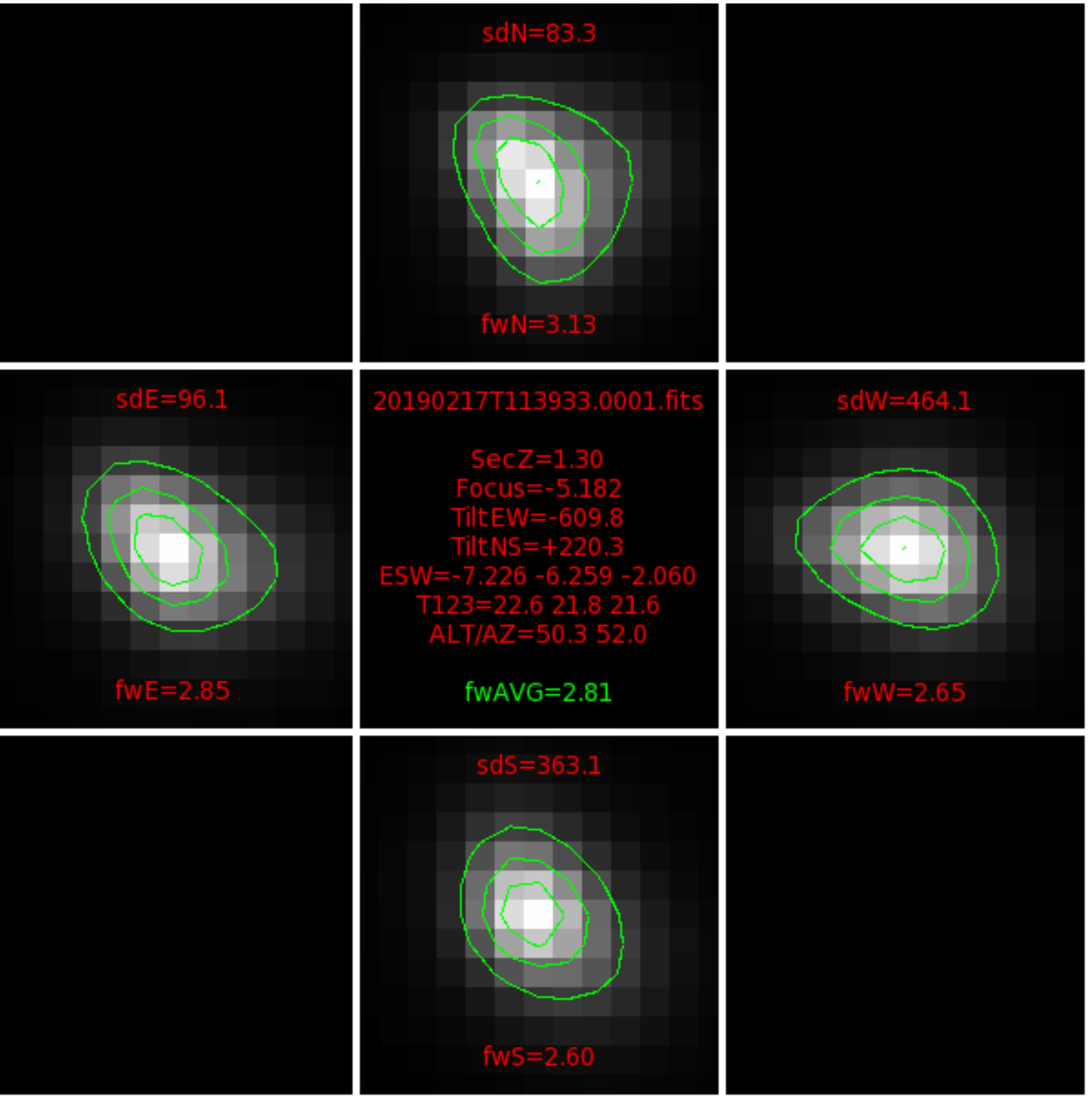
sdN=83.3
fwN=3.13
sdE=96.1
fwE=2.85
20190217T113933.0001.fits
SecZ=1.30
Focus=-5.182
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.226 -6.259 -2.060
T123=22.6 21.8 21.6
ALT/AZ=50.3 52.0
fwAVG=2.81
sdW=464.1
fwW=2.65
sdS=363.1
fwS=2.60
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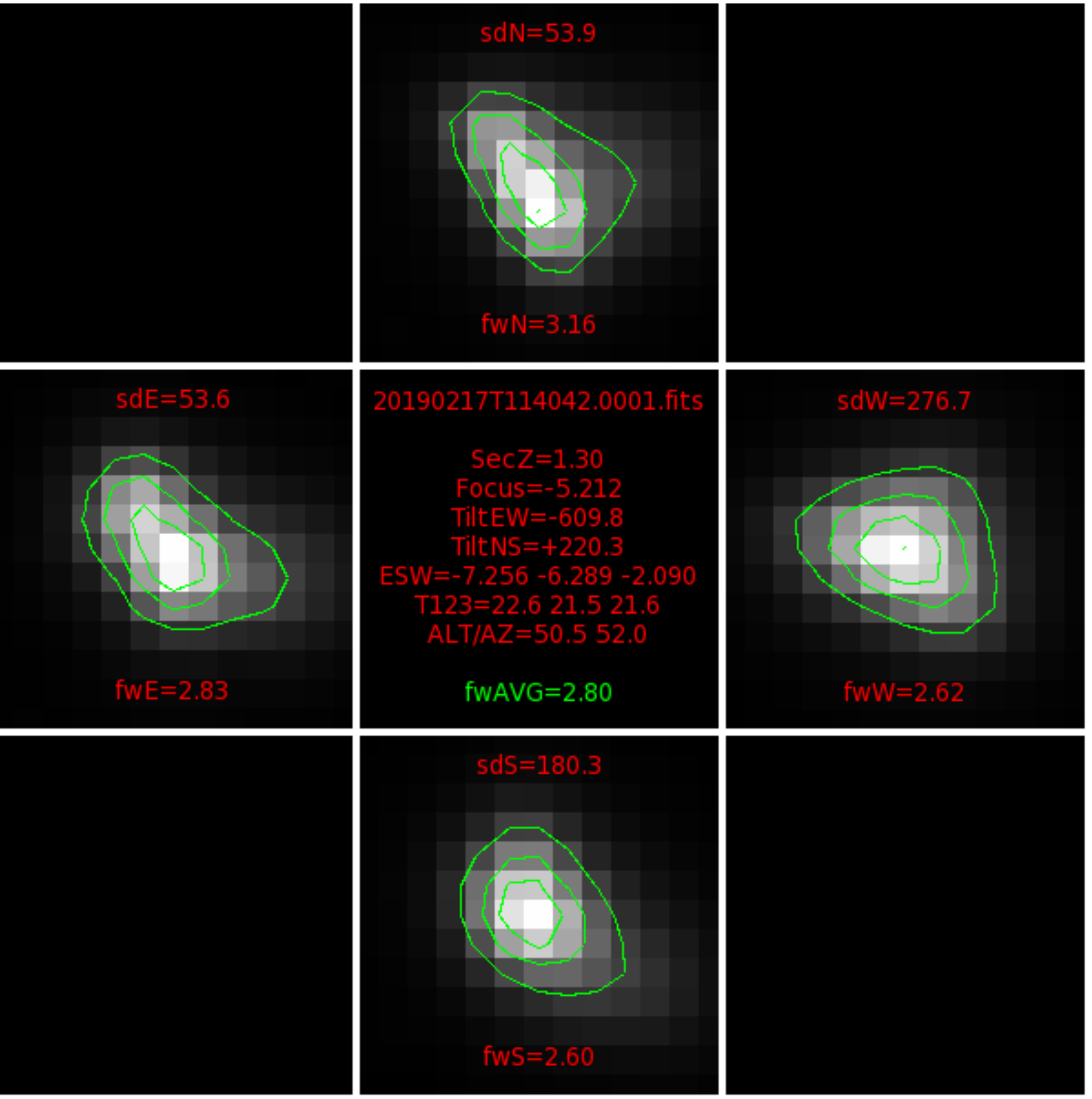
sdN=53.9
fwN=3.16
sdE=53.6
fwE=2.83
20190217T114042.0001.fits
SecZ=1.30
Focus=-5.212
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.256 -6.289 -2.090
T123=22.6 21.5 21.6
ALT/AZ=50.5 52.0
fwAVG=2.80
sdW=276.7
fwW=2.62
sdS=180.3
fwS=2.60
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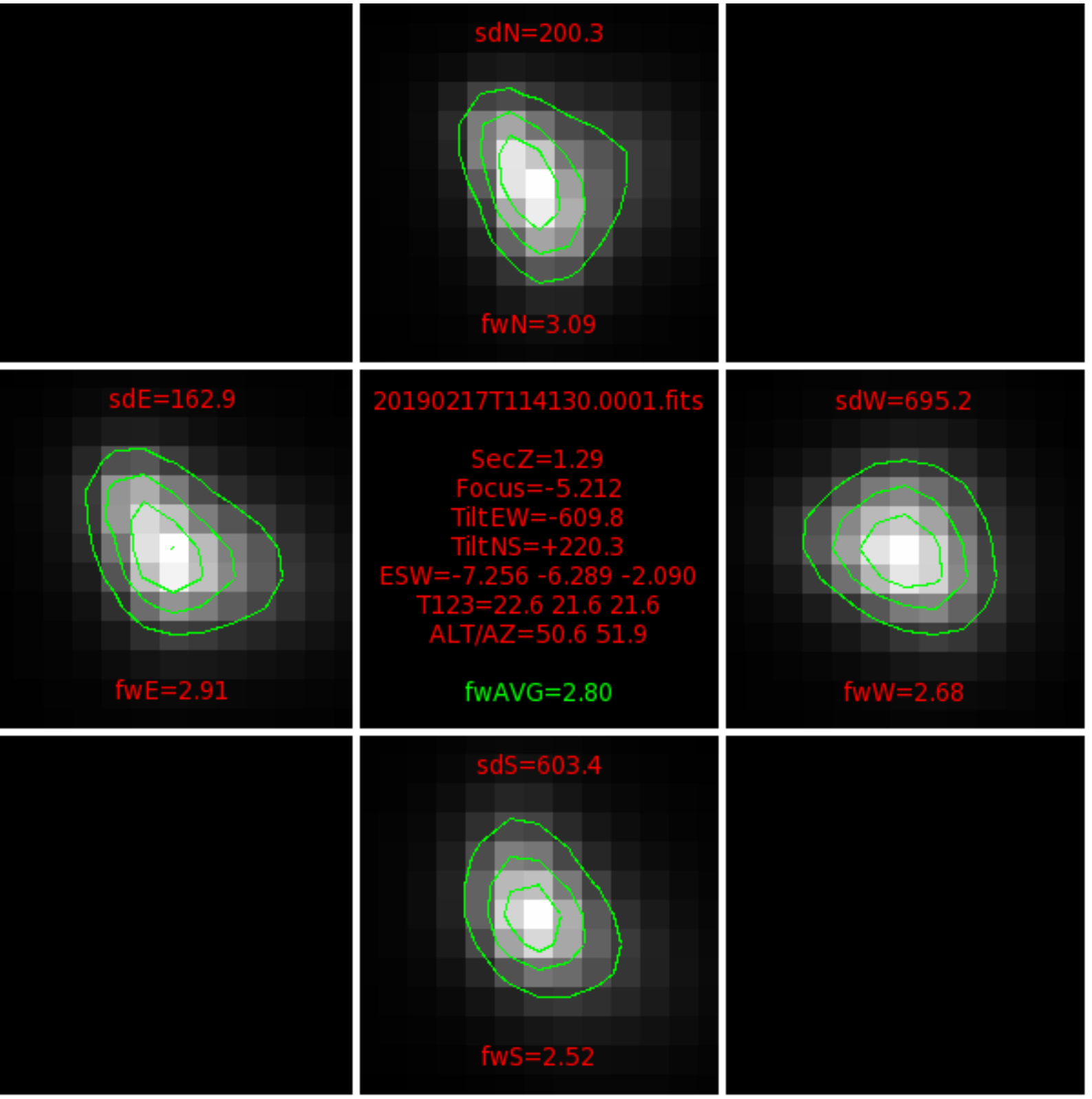
sdN=200.3
fwN=3.09
sdE=162.9
fwE=2.91
20190217T114130.0001.fits
SecZ=1.29
Focus=-5.212
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.256 -6.289 -2.090
T123=22.6 21.6 21.6
ALT/AZ=50.6 51.9
fwAVG=2.80
sdW=695.2
fwW=2.68
sdS=603.4
fwS=2.52
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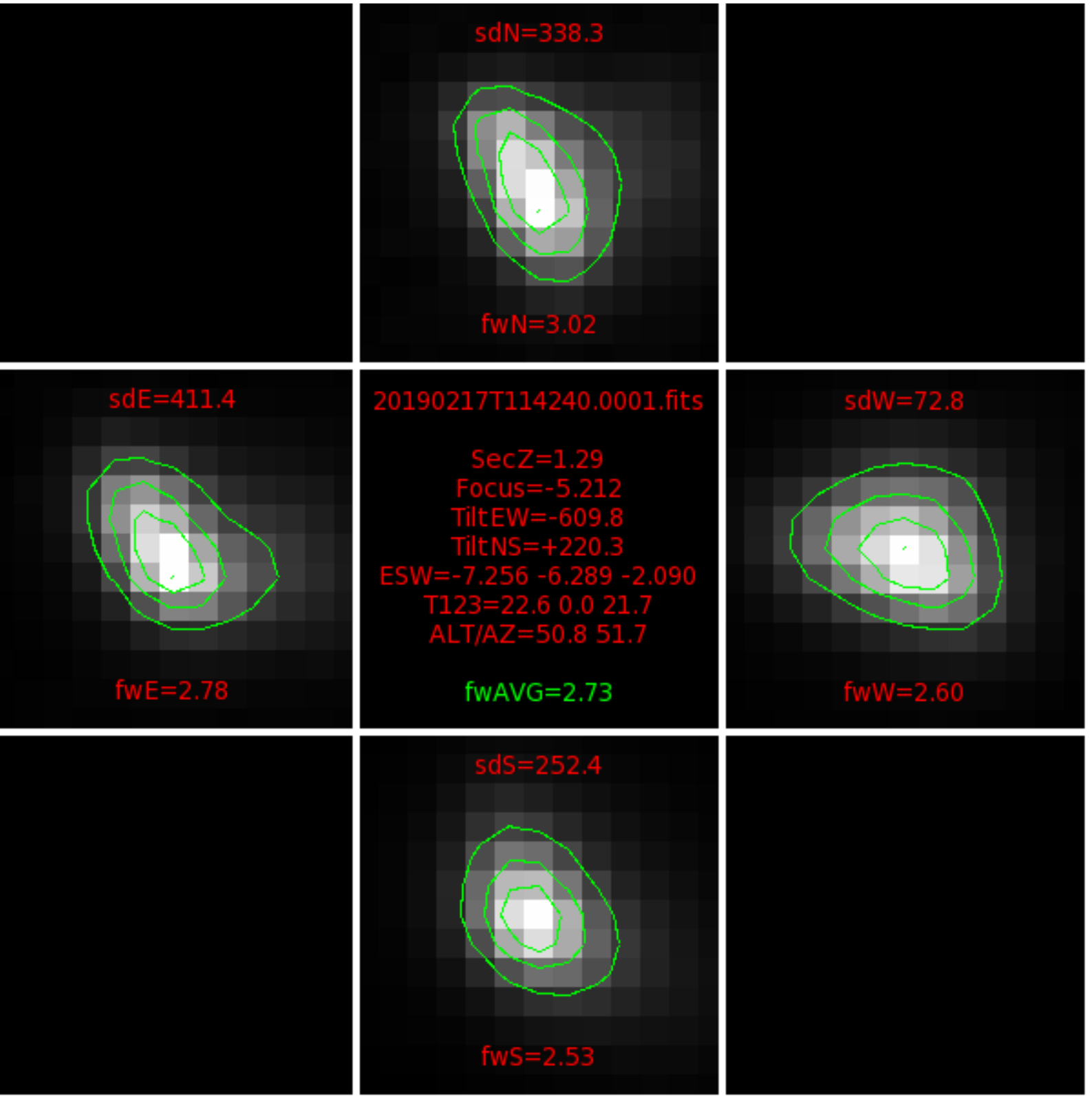
sdN=338.3
fwN=3.02
sdE=411.4
fwE=2.78
20190217T114240.0001.fits
SecZ=1.29
Focus=-5.212
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.256 -6.289 -2.090
T123=22.6 0.0 21.7
ALT/AZ=50.8 51.7
fwAVG=2.73
sdW=72.8
fwW=2.60
sdS=252.4
fwS=2.53
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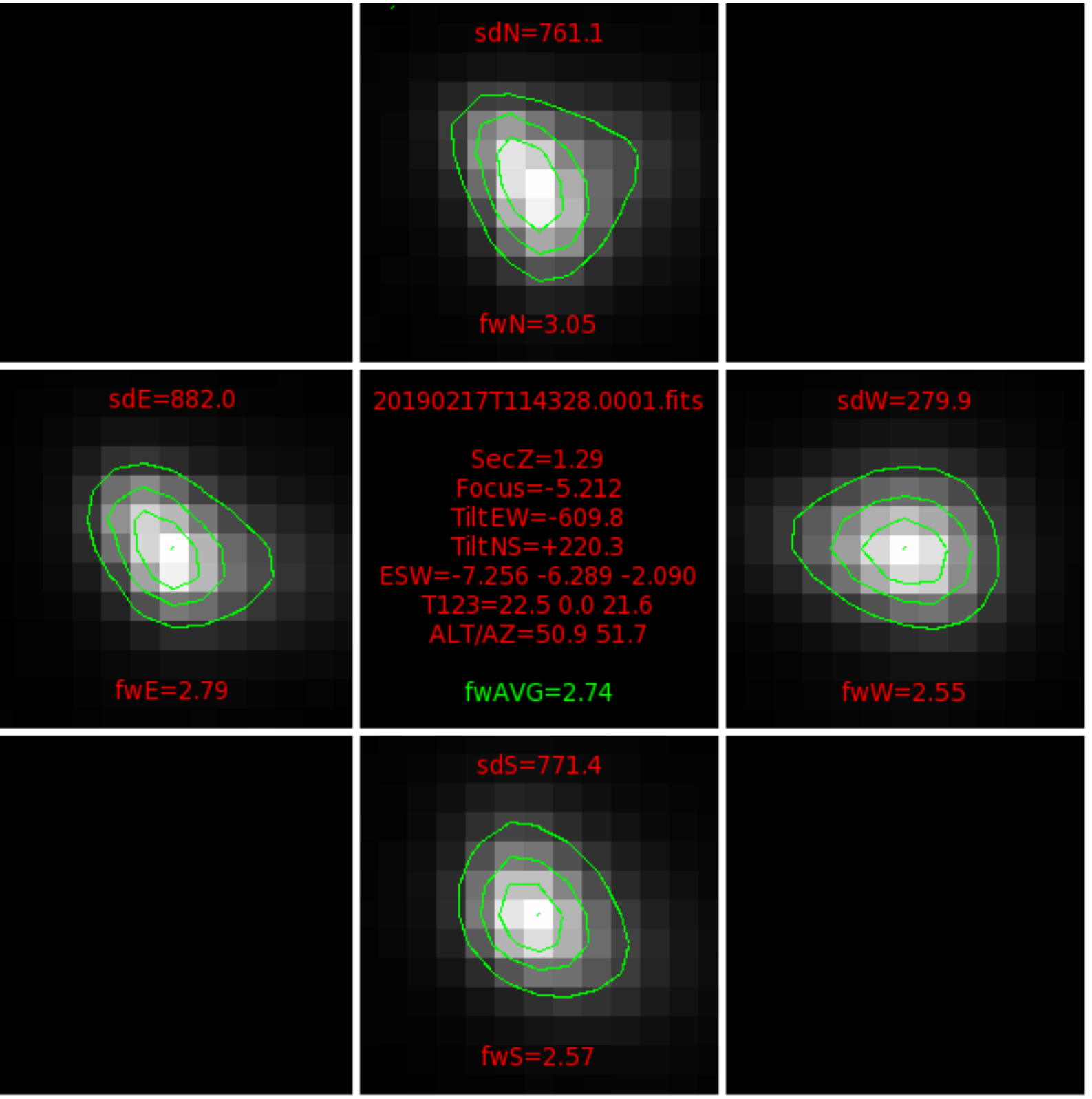
sdN=761.1
fwN=3.05
sdE=882.0
fwE=2.79
20190217T114328.0001.fits
SecZ=1.29
Focus=-5.212
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.256 -6.289 -2.090
T123=22.5 0.0 21.6
ALT/AZ=50.9 51.7
fwAVG=2.74
sdW=279.9
fwW=2.55
sdS=771.4
fwS=2.57
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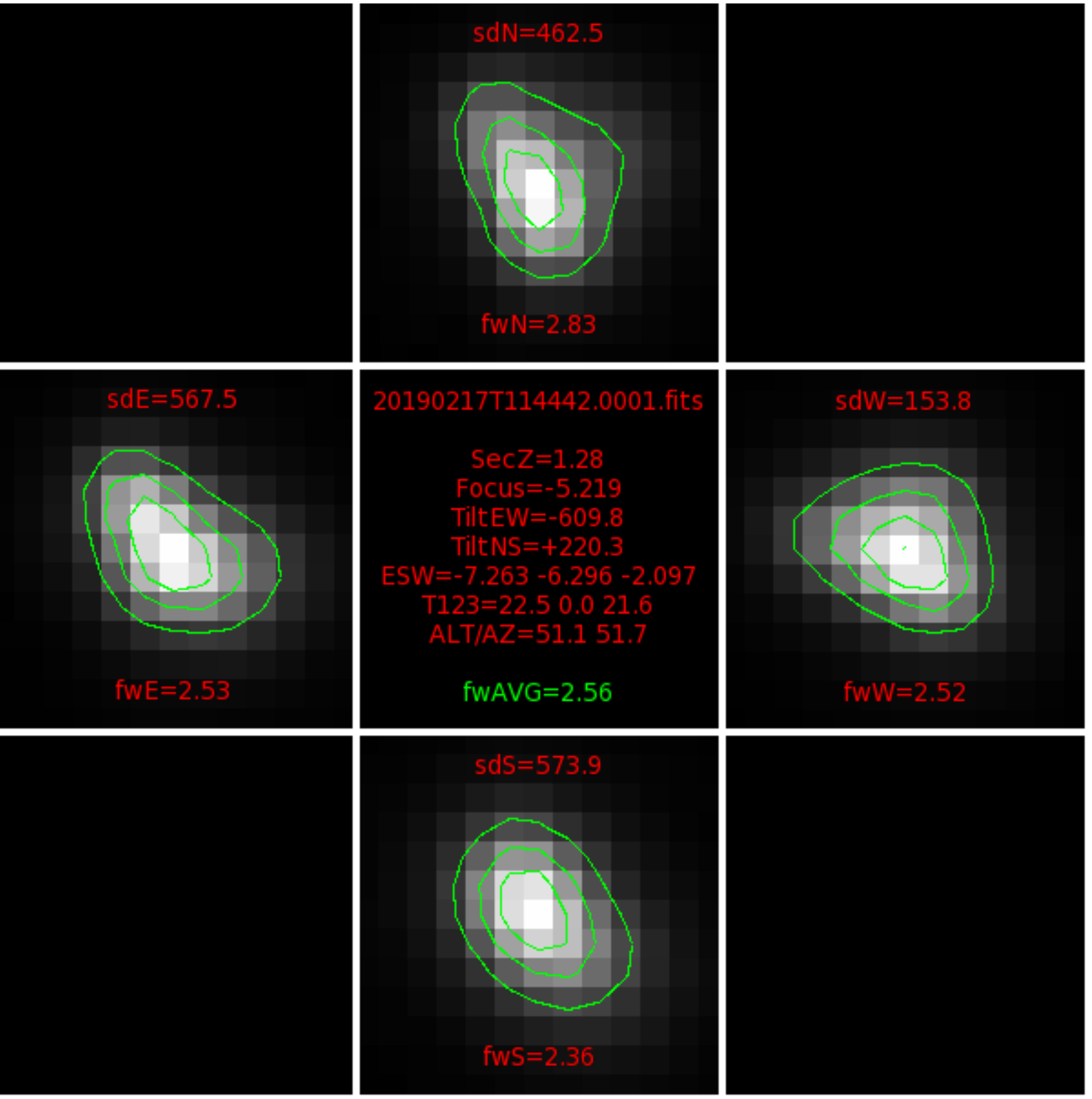
sdN=462.5
fwN=2.83
sdE=567.5
fwE=2.53
20190217T114442.0001.fits
SecZ=1.28
Focus=-5.219
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.263 -6.296 -2.097
T123=22.5 0.0 21.6
ALT/AZ=51.1 51.7
fwAVG=2.56
sdW=153.8
fwW=2.52
sdS=573.9
fwS=2.36
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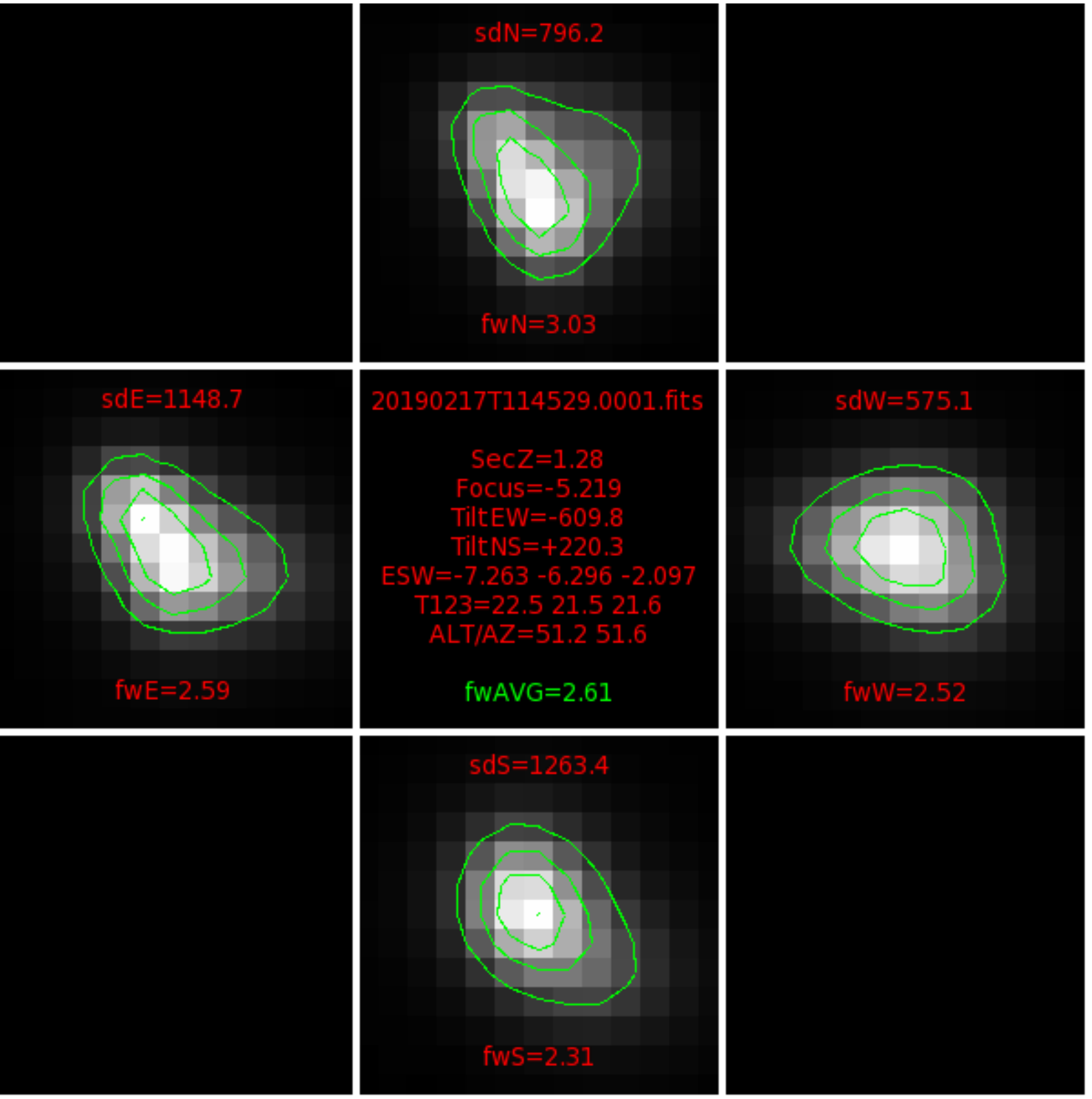
sdN=796.2
fwN=3.03
sdE=1148.7
fwE=2.59
20190217T114529.0001.fits
SecZ=1.28
Focus=-5.219
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.263 -6.296 -2.097
T123=22.5 21.5 21.6
ALT/AZ=51.2 51.6
fwAVG=2.61
sdW=575.1
fwW=2.52
sdS=1263.4
fwS=2.31
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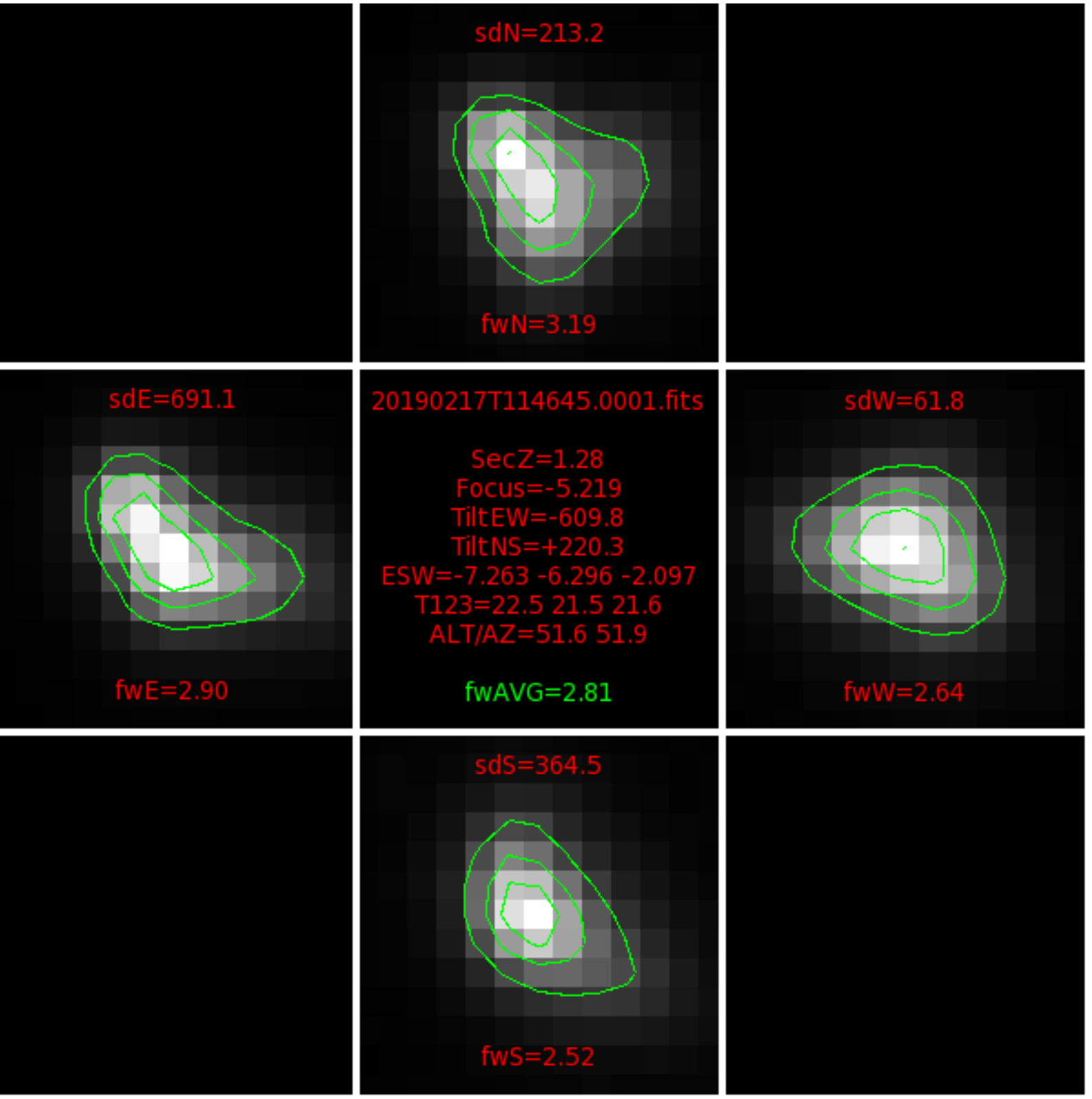
sdN=213.2
fwN=3.19
sdE=691.1
fwE=2.90
20190217T114645.0001.fits
SecZ=1.28
Focus=-5.219
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.263 -6.296 -2.097
T123=22.5 21.5 21.6
ALT/AZ=51.6 51.9
fwAVG=2.81
sdW=61.8
fwW=2.64
sdS=364.5
fwS=2.52
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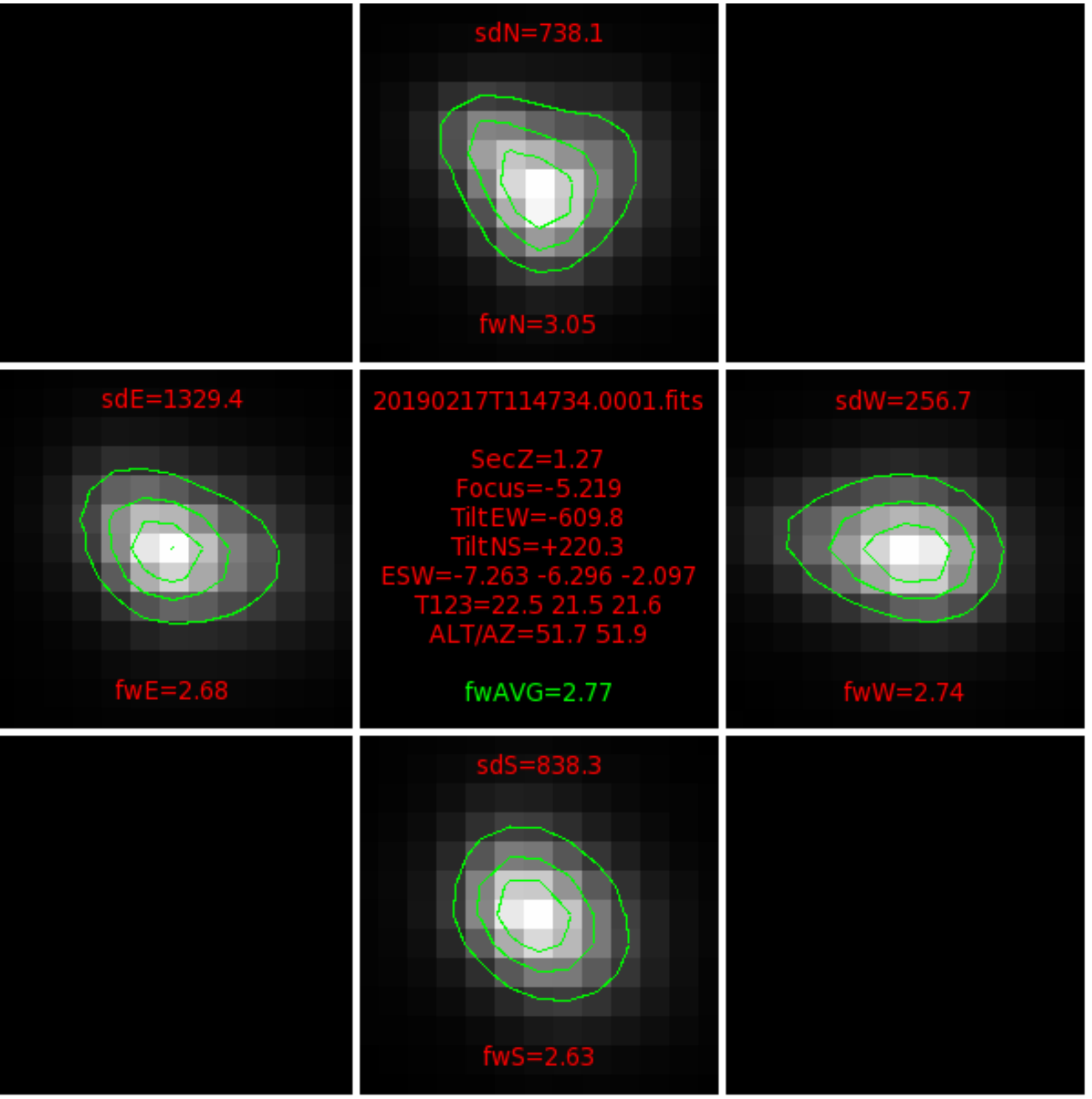
sdN=738.1
fwN=3.05
sdE=1329.4
fwE=2.68
20190217T114734.0001.fits
SecZ=1.27
Focus=-5.219
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.263 -6.296 -2.097
T123=22.5 21.5 21.6
ALT/AZ=51.7 51.9
fwAVG=2.77
sdW=256.7
fwW=2.74
sdS=838.3
fwS=2.63
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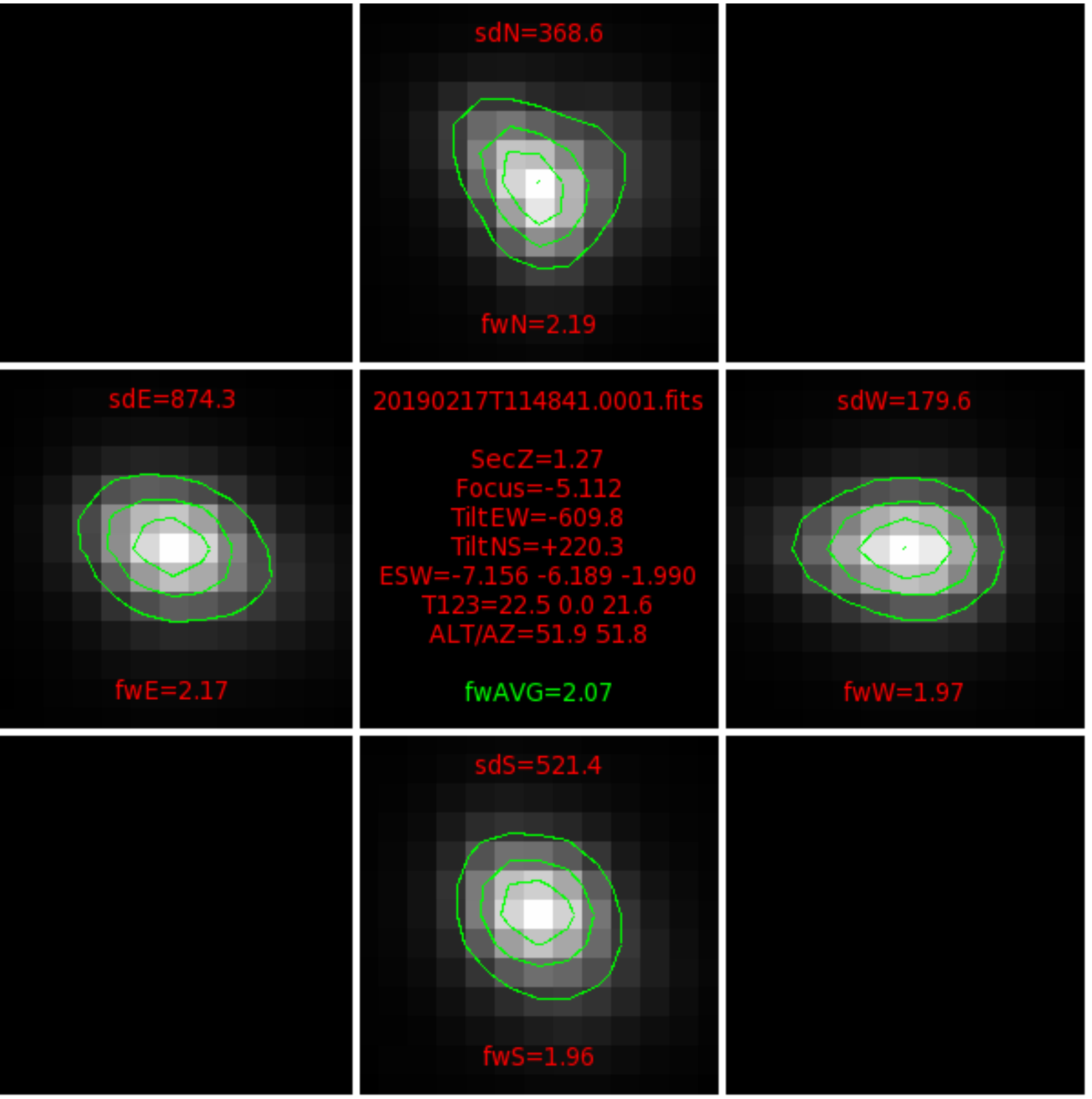
sdN=368.6
fwN=2.19
sdE=874.3
fwE=2.17
20190217T114841.0001.fits
SecZ=1.27
Focus=-5.112
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.156 -6.189 -1.990
T123=22.5 0.0 21.6
ALT/AZ=51.9 51.8
fwAVG=2.07
sdW=179.6
fwW=1.97
sdS=521.4
fwS=1.96
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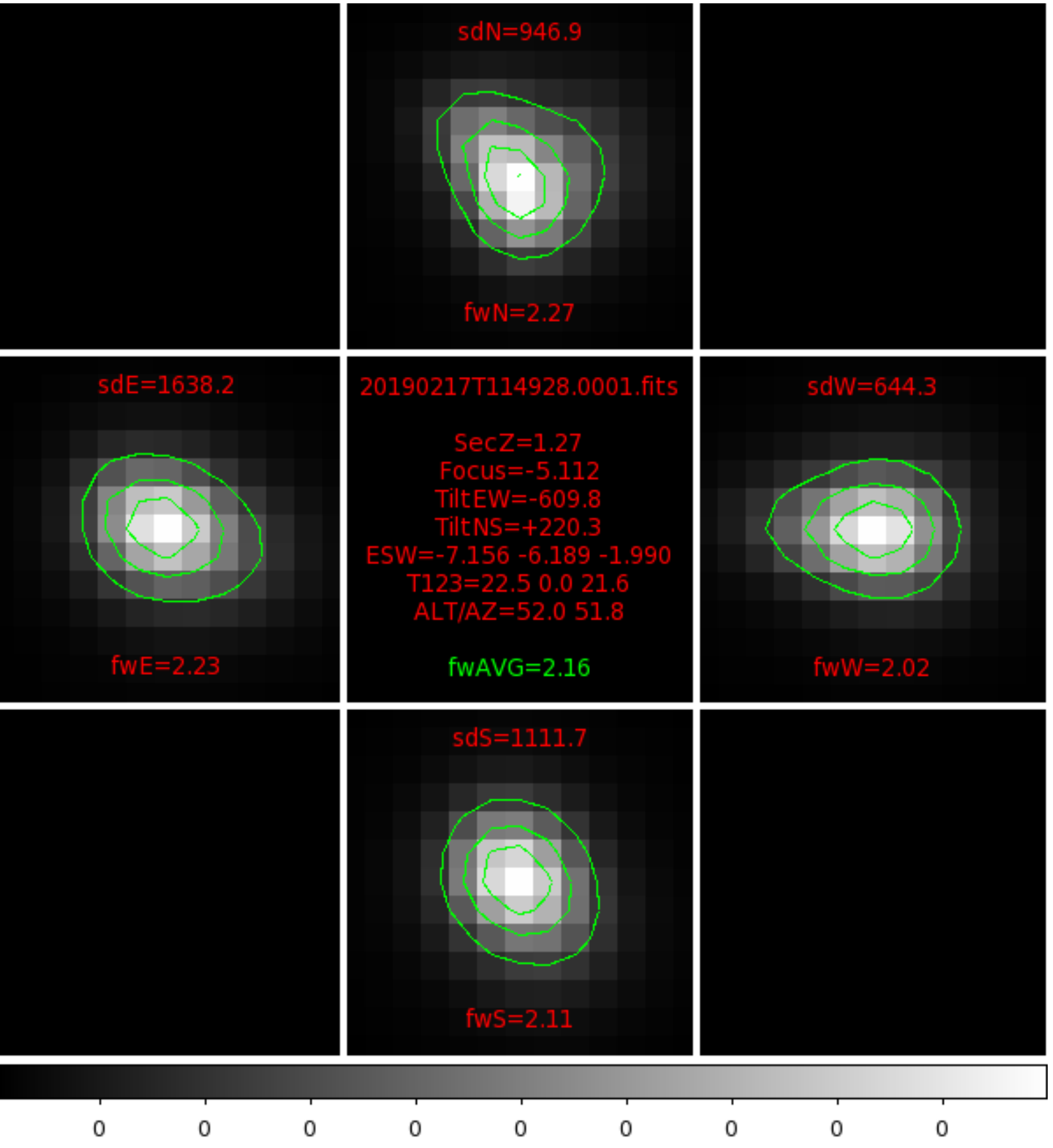
sdN=946.9
fwN=2.27
sdE=1638.2
fwE=2.23
20190217T114928.0001.fits
SecZ=1.27
Focus=-5.112
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.156 -6.189 -1.990
T123=22.5 0.0 21.6
ALT/AZ=52.0 51.8
fwAVG=2.16
sdW=644.3
fwW=2.02
sdS=1111.7
fwS=2.11
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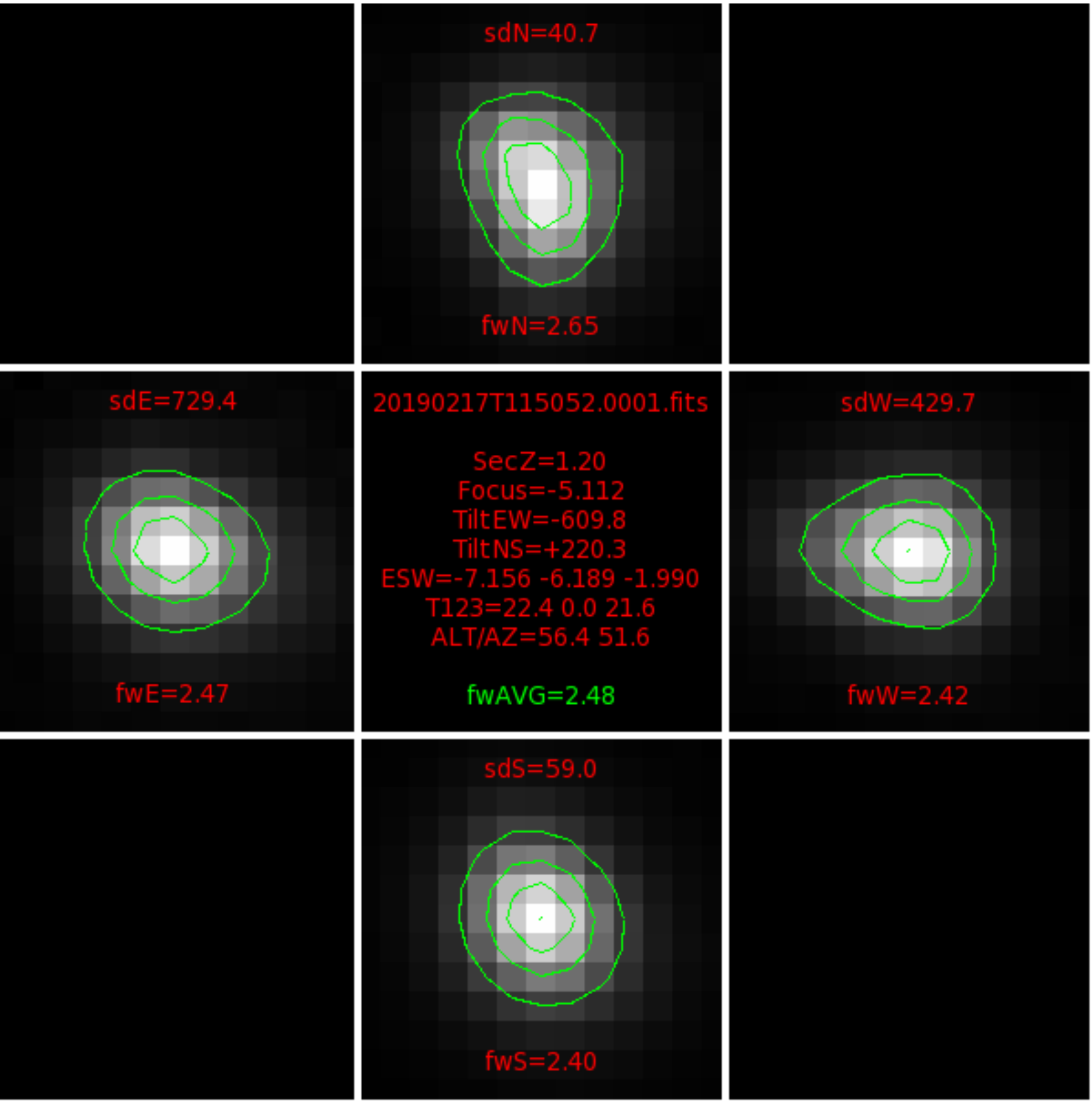
sdN=40.7
fwN=2.65
sdE=729.4
fwE=2.47
20190217T115052.0001.fits
SecZ=1.20
Focus=-5.112
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.156 -6.189 -1.990
T123=22.4 0.0 21.6
ALT/AZ=56.4 51.6
fwAVG=2.48
sdW=429.7
fwW=2.42
sdS=59.0
fwS=2.40
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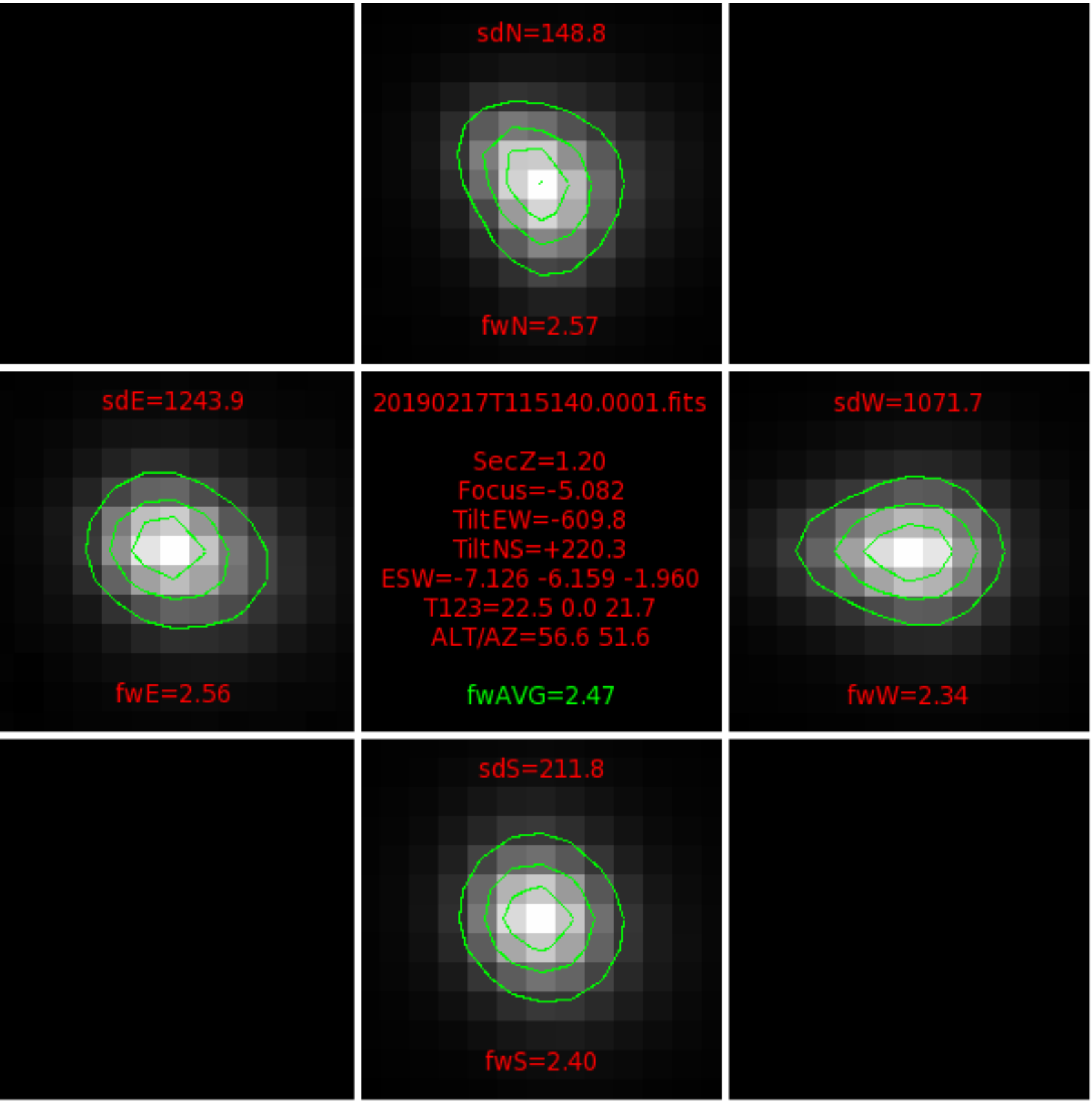
sdN=148.8
fwN=2.57
sdE=1243.9
fwE=2.56
20190217T115140.0001.fits
SecZ=1.20
Focus=-5.082
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.126 -6.159 -1.960
T123=22.5 0.0 21.7
ALT/AZ=56.6 51.6
fwAVG=2.47
sdW=1071.7
fwW=2.34
sdS=211.8
fwS=2.40
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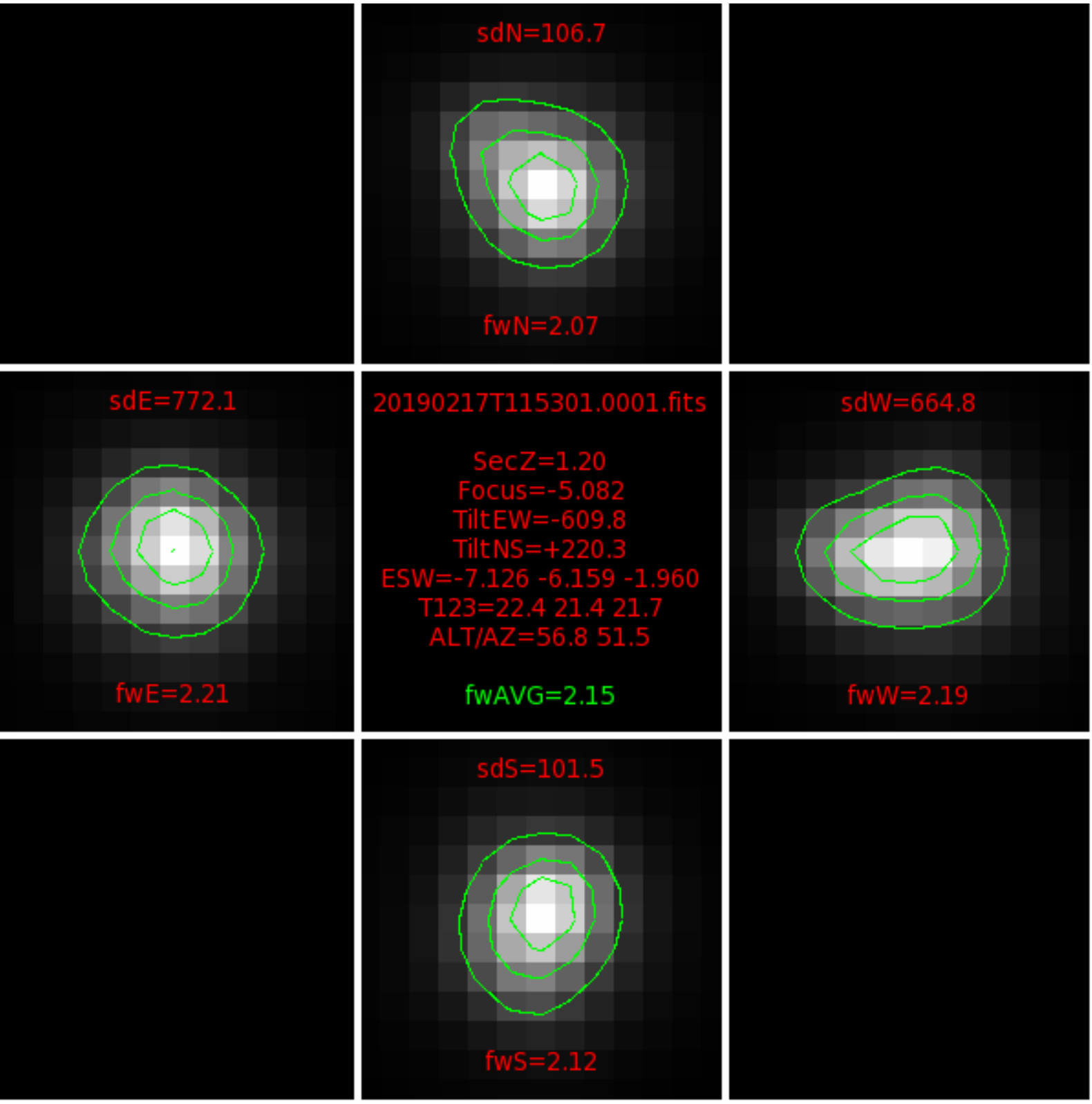
sdN=106.7
fwN=2.07
sdE=772.1
fwE=2.21
20190217T115301.0001.fits
SecZ=1.20
Focus=-5.082
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.126 -6.159 -1.960
T123=22.4 21.4 21.7
ALT/AZ=56.8 51.5
fwAVG=2.15
sdW=664.8
fwW=2.19
sdS=101.5
fwS=2.12
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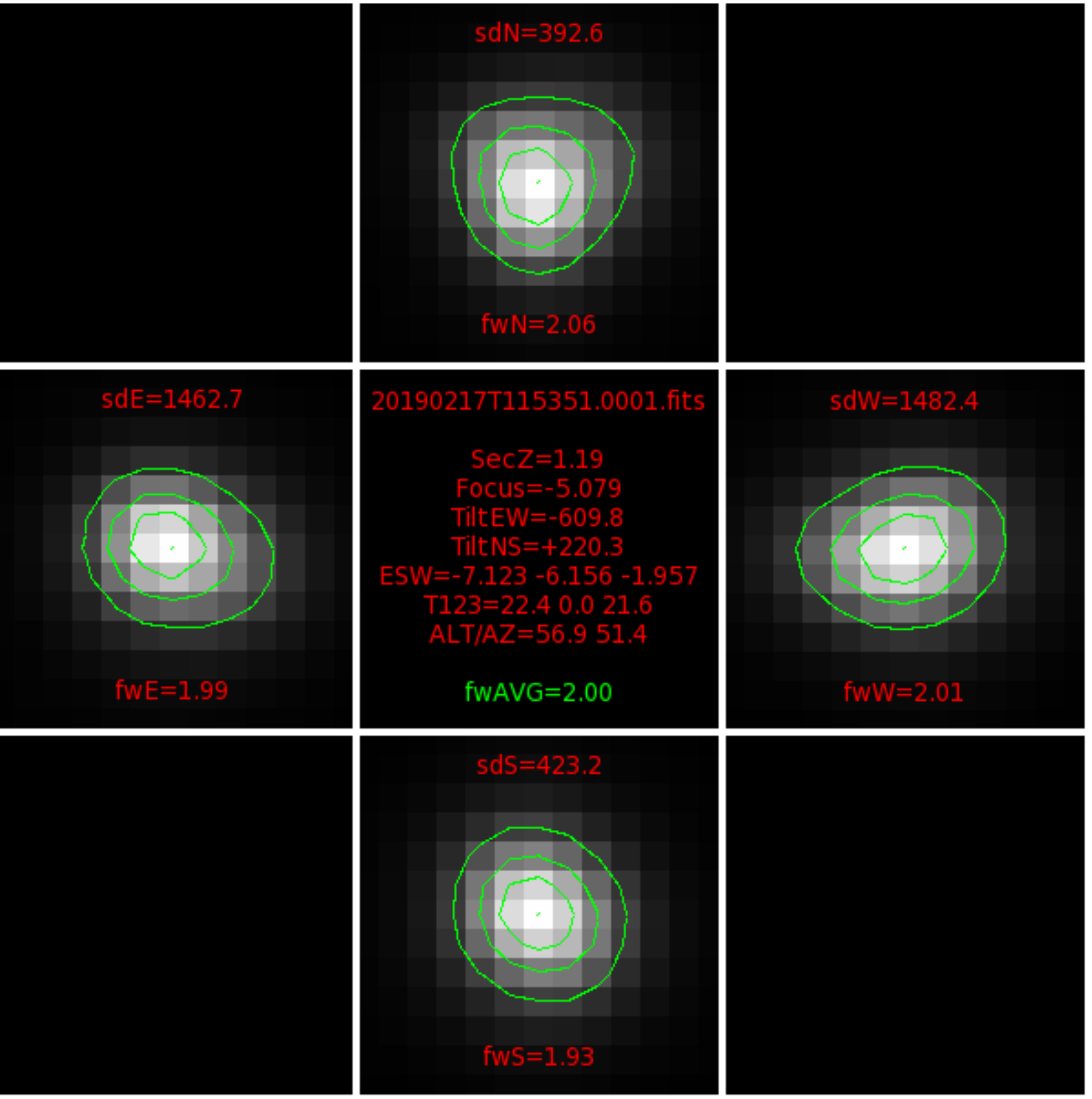
sdN=392.6
fwN=2.06
sdE=1462.7
fwE=1.99
20190217T115351.0001.fits
SecZ=1.19
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=22.4 0.0 21.6
ALT/AZ=56.9 51.4
fwAVG=2.00
sdW=1482.4
fwW=2.01
sdS=423.2
fwS=1.93
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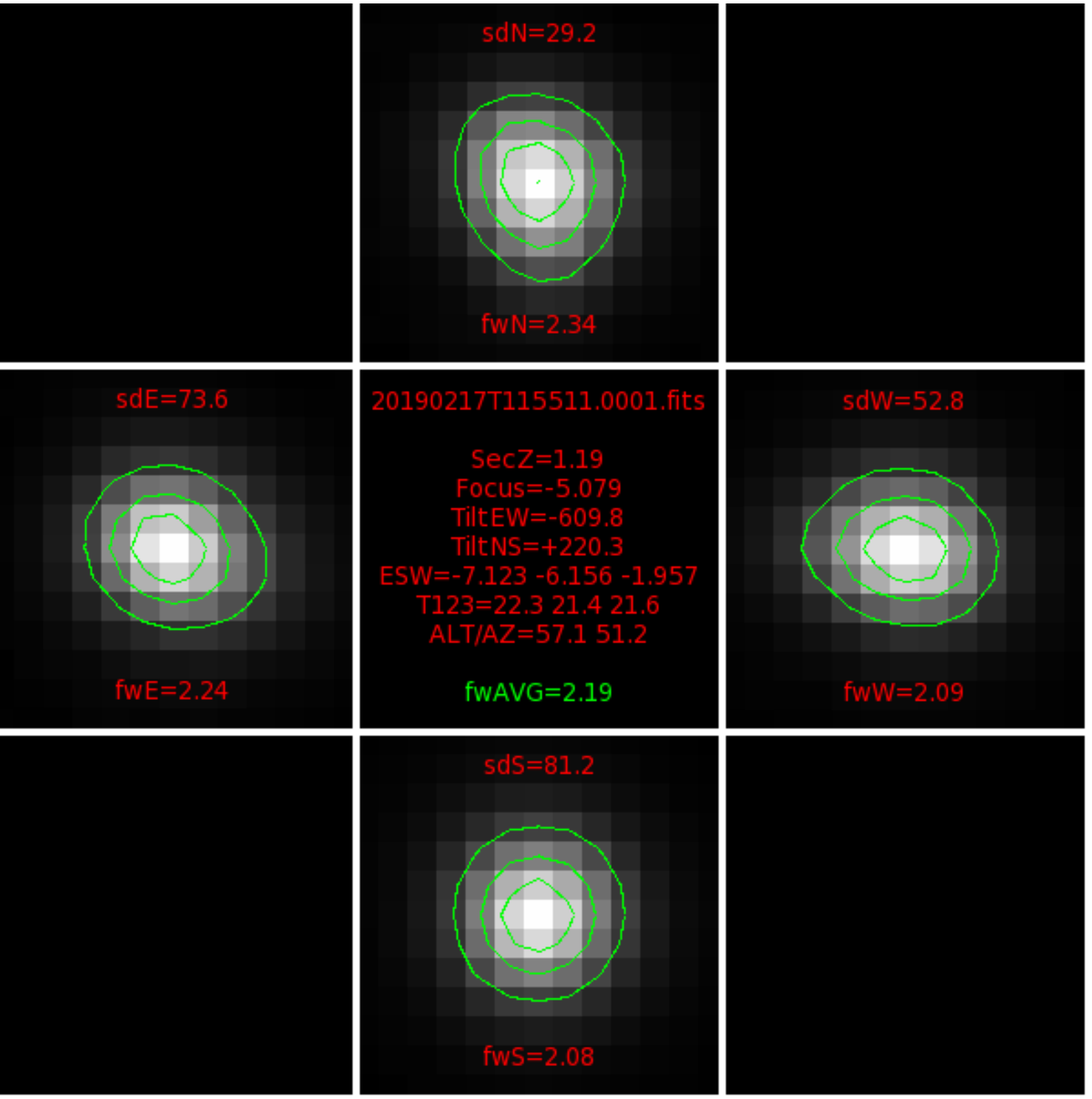
sdN=29.2
fwN=2.34
sdE=73.6
fwE=2.24
20190217T115511.0001.fits
SecZ=1.19
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=22.3 21.4 21.6
ALT/AZ=57.1 51.2
fwAVG=2.19
sdW=52.8
fwW=2.09
sdS=81.2
fwS=2.08
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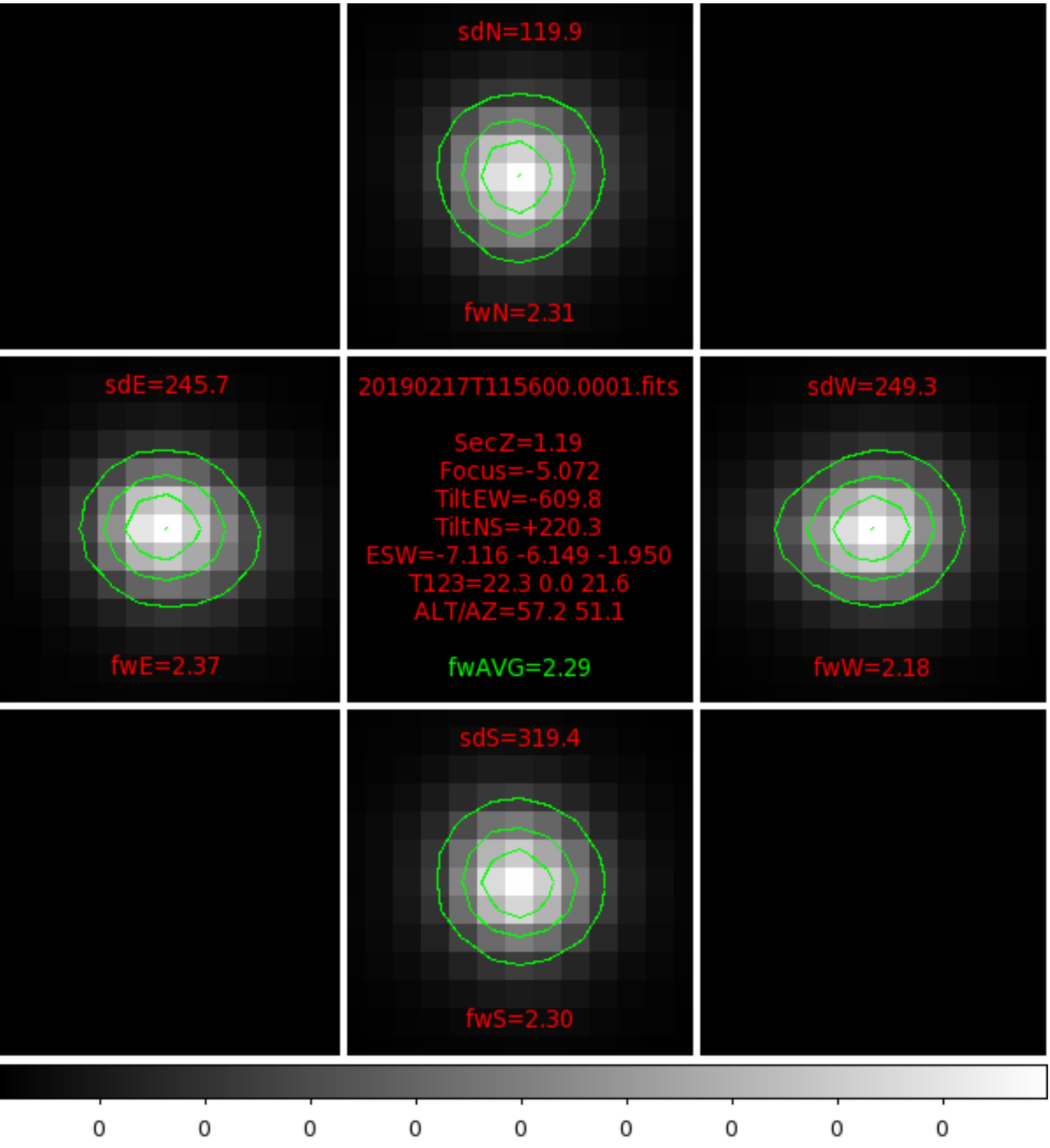
sdN=119.9
fwN=2.31
sdE=245.7
fwE=2.37
20190217T115600.0001.fits
SecZ=1.19
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.3 0.0 21.6
ALT/AZ=57.2 51.1
fwAVG=2.29
sdW=249.3
fwW=2.18
sdS=319.4
fwS=2.30
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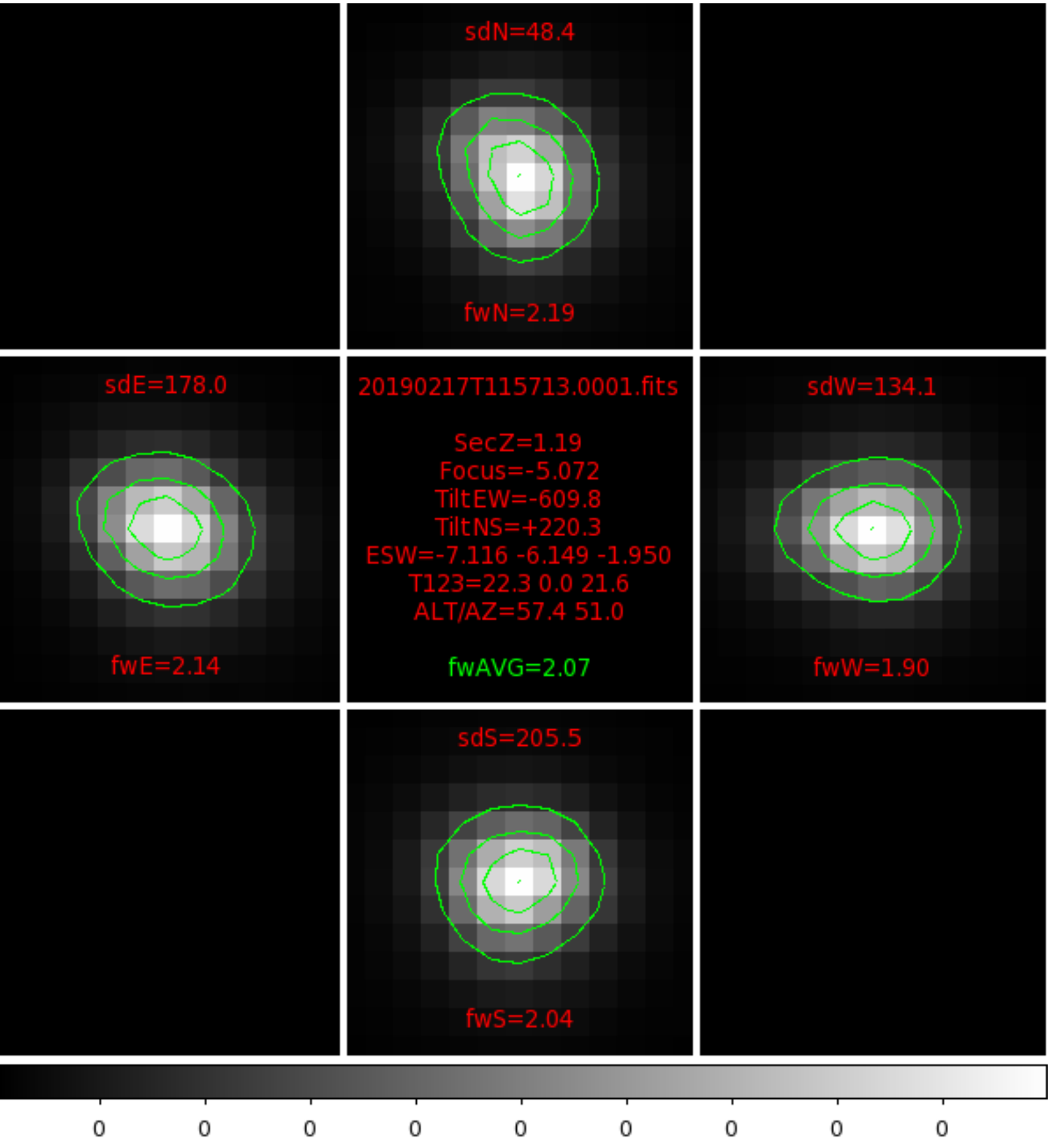
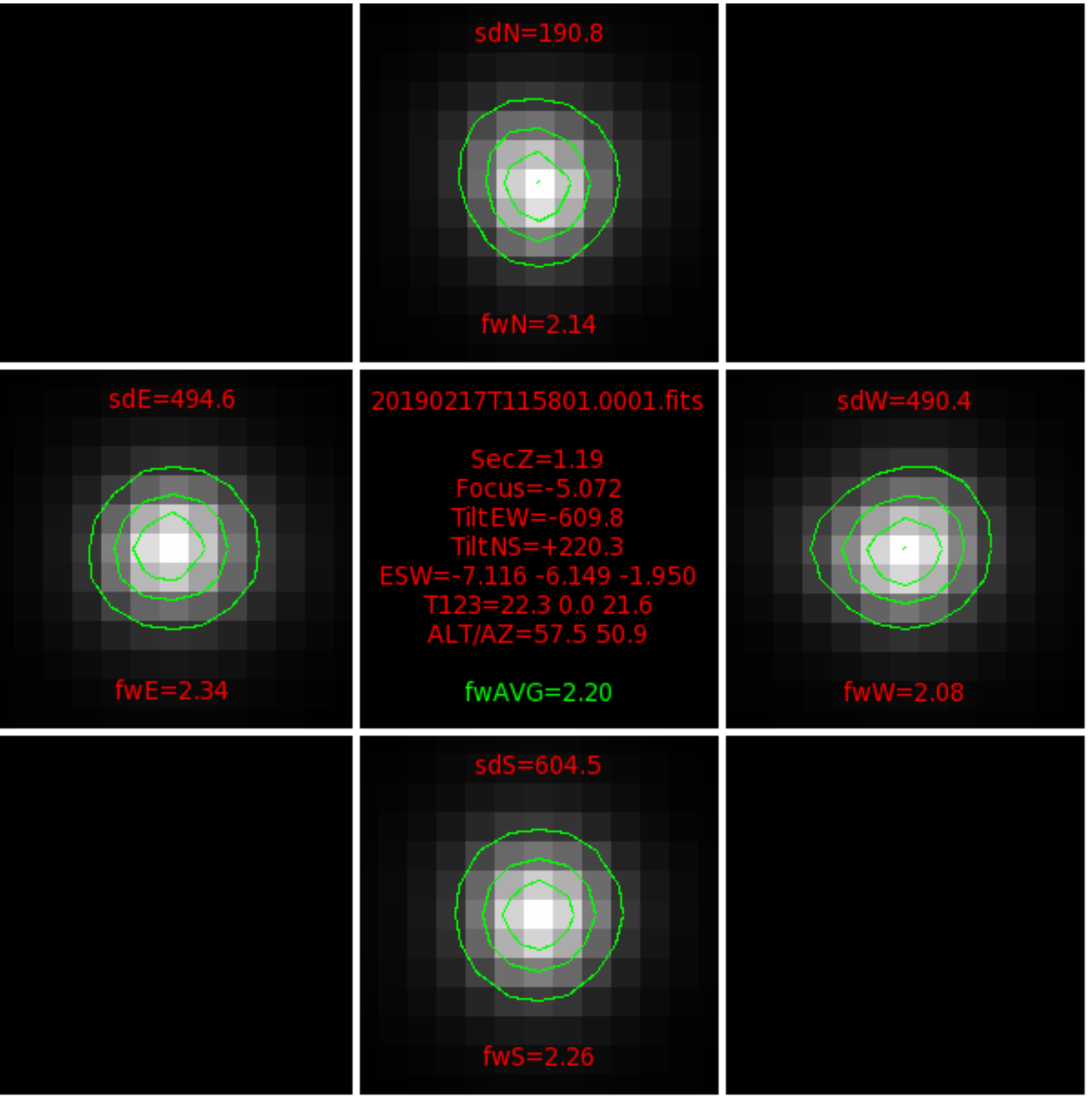

sdN=48.4
fwN=2.19
sdE=178.0
fwE=2.14
20190217T115713.0001.fits
SecZ=1.19
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.3 0.0 21.6
ALT/AZ=57.4 51.0
fwAVG=2.07
sdW=134.1
fwW=1.90
sdS=205.5
fwS=2.04
0 0 0 0 0 0 0 0 0


sdN=190.8
fwN=2.14
sdE=494.6
fwE=2.34
20190217T115801.0001.fits
SecZ=1.19
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.3 0.0 21.6
ALT/AZ=57.5 50.9
fwAVG=2.20
sdW=490.4
fwW=2.08
sdS=604.5
fwS=2.26
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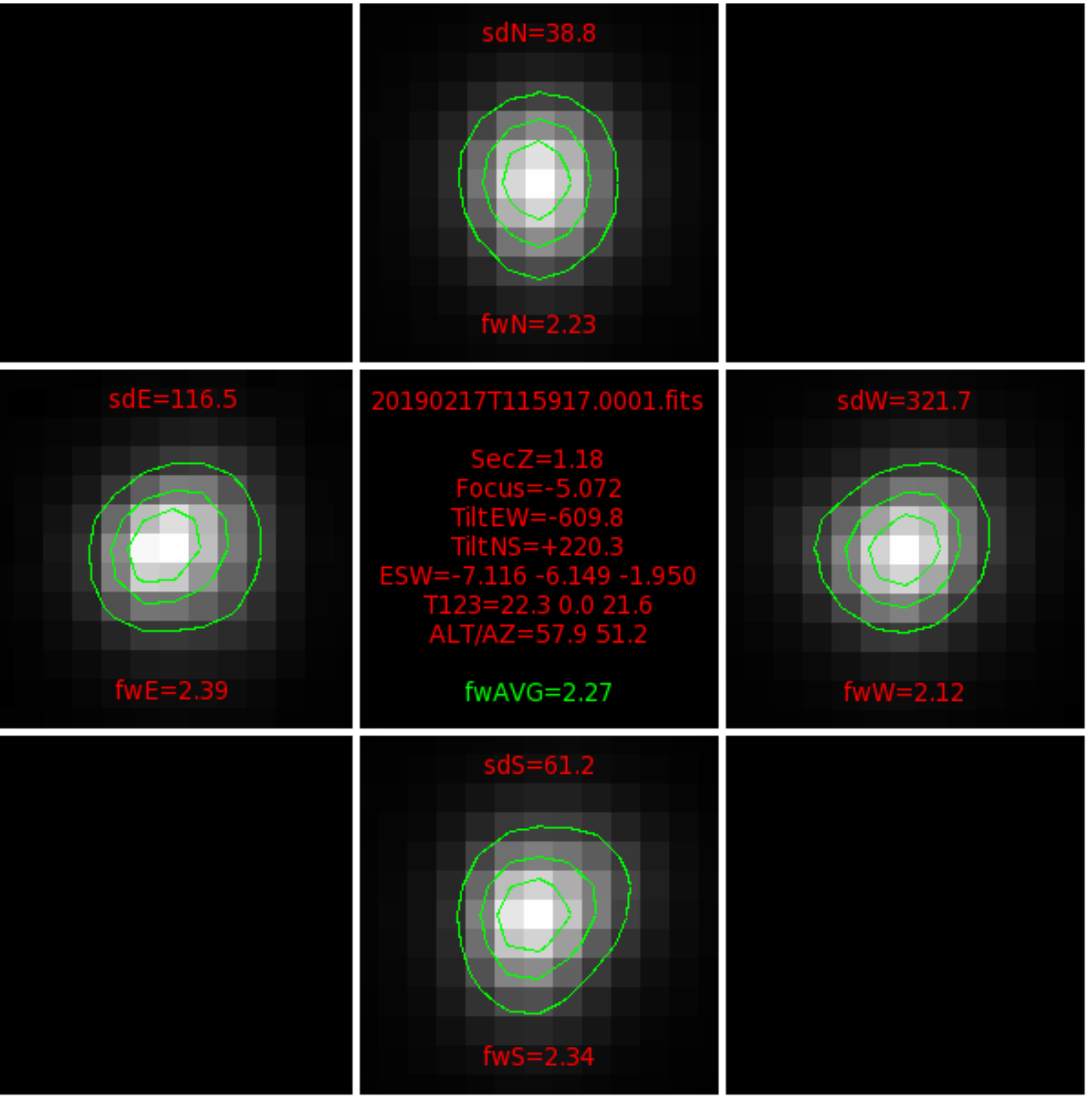
sdN=38.8
fwN=2.23
sdE=116.5
fwE=2.39
20190217T115917.0001.fits
SecZ=1.18
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.3 0.0 21.6
ALT/AZ=57.9 51.2
fwAVG=2.27
sdW=321.7
fwW=2.12
sdS=61.2
fwS=2.34
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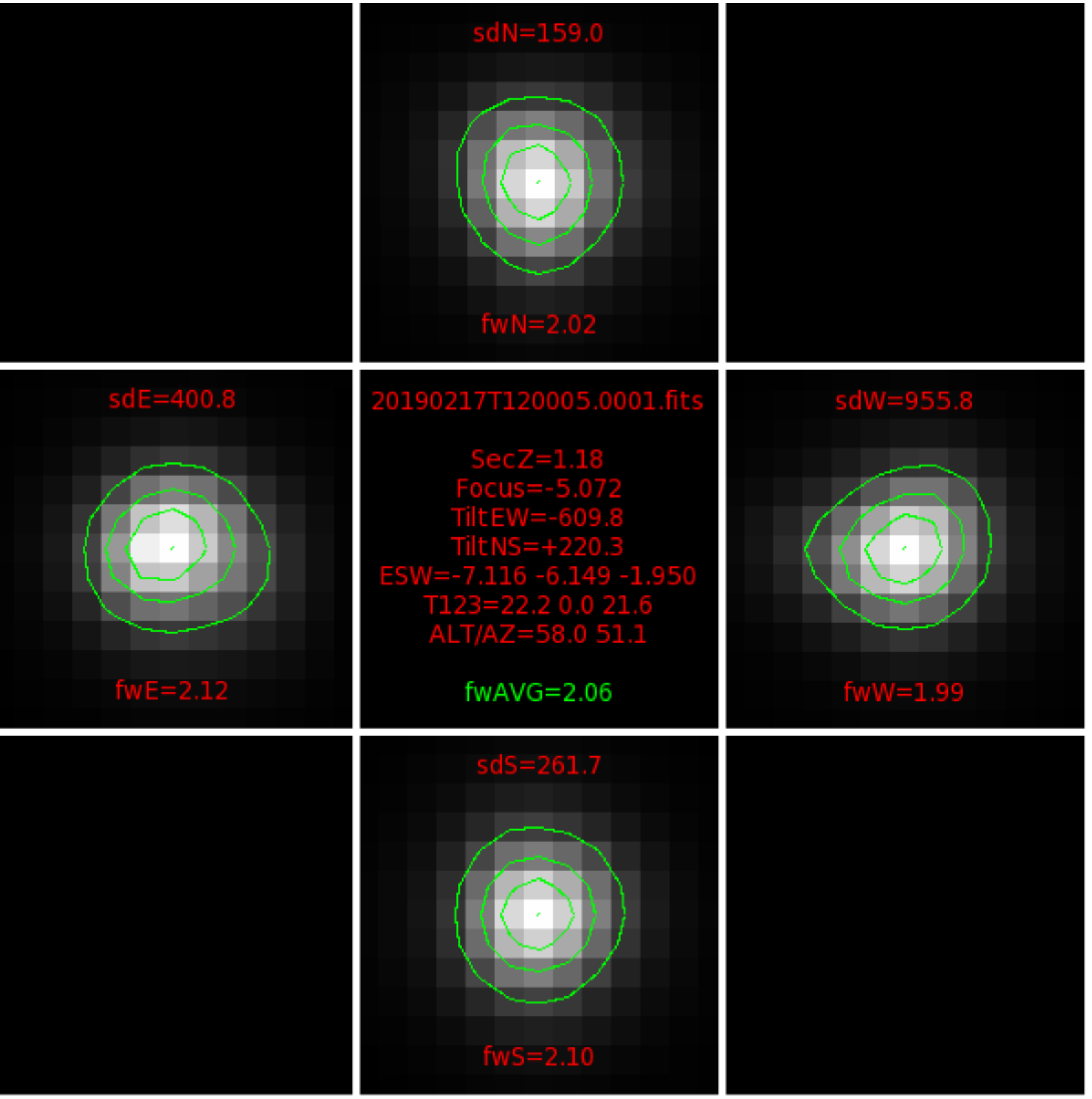
sdN=159.0
fwN=2.02
sdE=400.8
fwE=2.12
20190217T120005.0001.fits
SecZ=1.18
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.2 0.0 21.6
ALT/AZ=58.0 51.1
fwAVG=2.06
sdW=955.8
fwW=1.99
sdS=261.7
fwS=2.10
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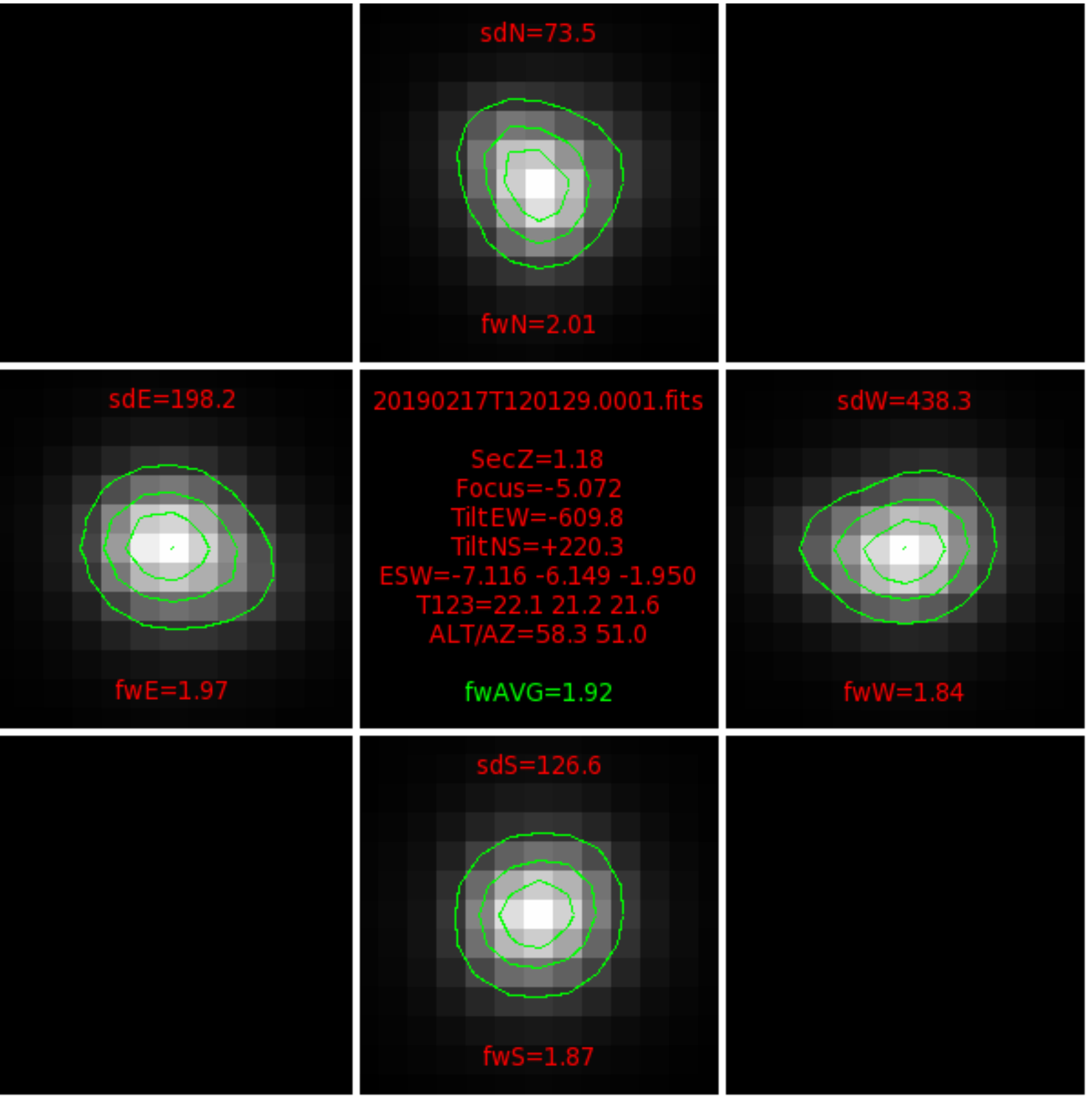
sdN=73.5
fwN=2.01
sdE=198.2
fwE=1.97
20190217T120129.0001.fits
SecZ=1.18
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.1 21.2 21.6
ALT/AZ=58.3 51.0
fwAVG=1.92
sdW=438.3
fwW=1.84
sdS=126.6
fwS=1.87
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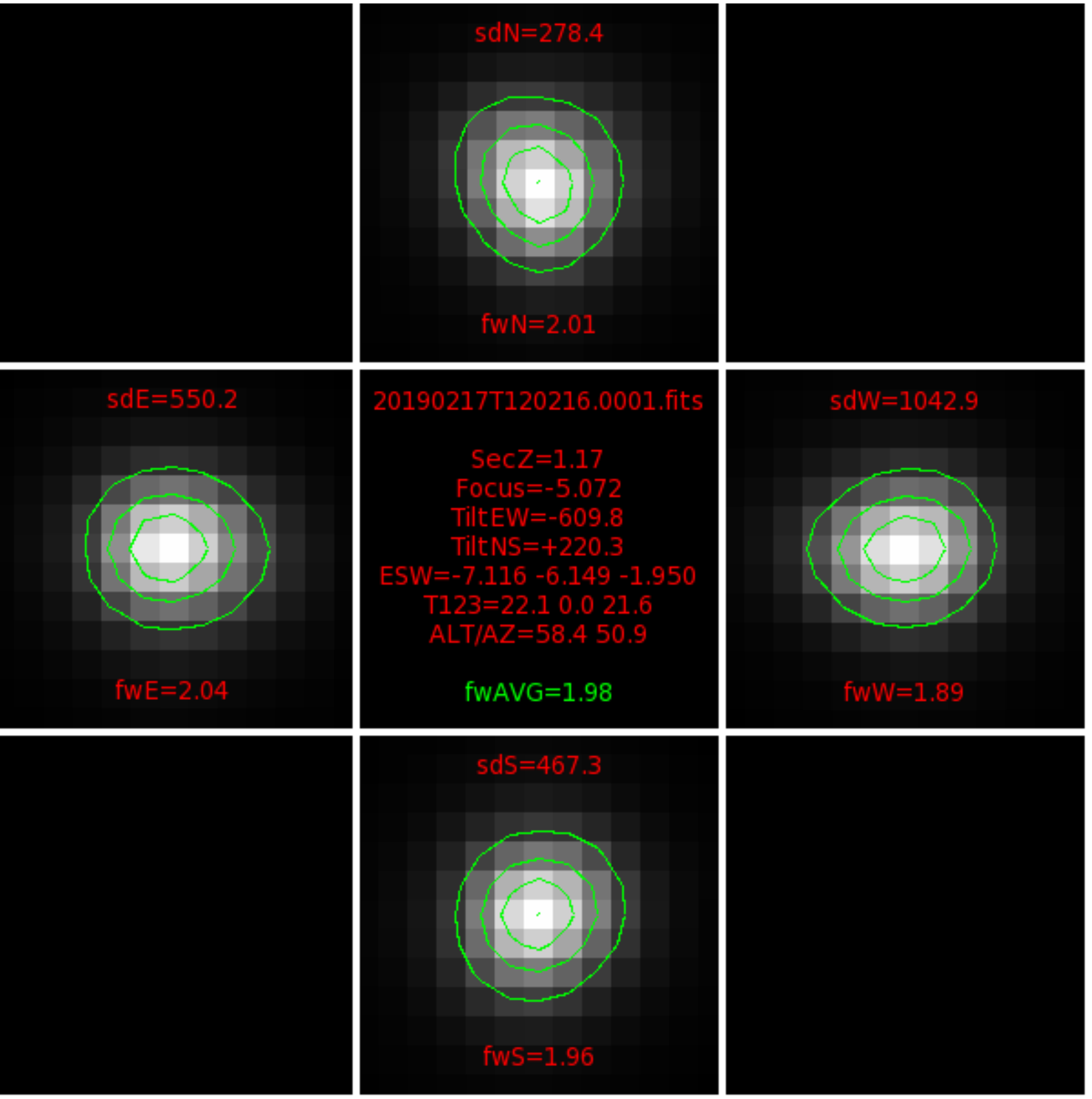
sdN=278.4
fwN=2.01
sdE=550.2
fwE=2.04
20190217T120216.0001.fits
SecZ=1.17
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.1 0.0 21.6
ALT/AZ=58.4 50.9
fwAVG=1.98
sdW=1042.9
fwW=1.89
sdS=467.3
fwS=1.96
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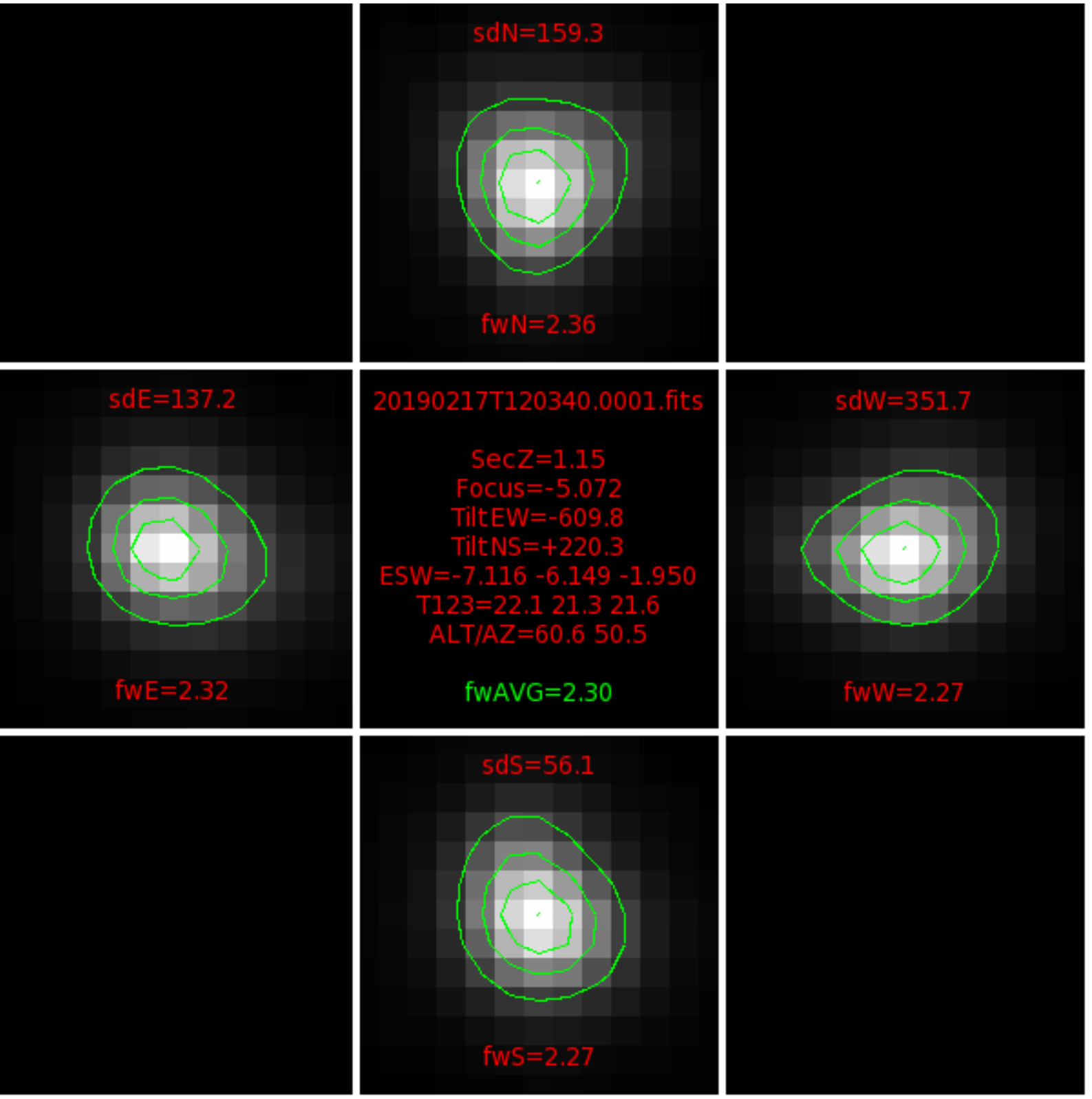
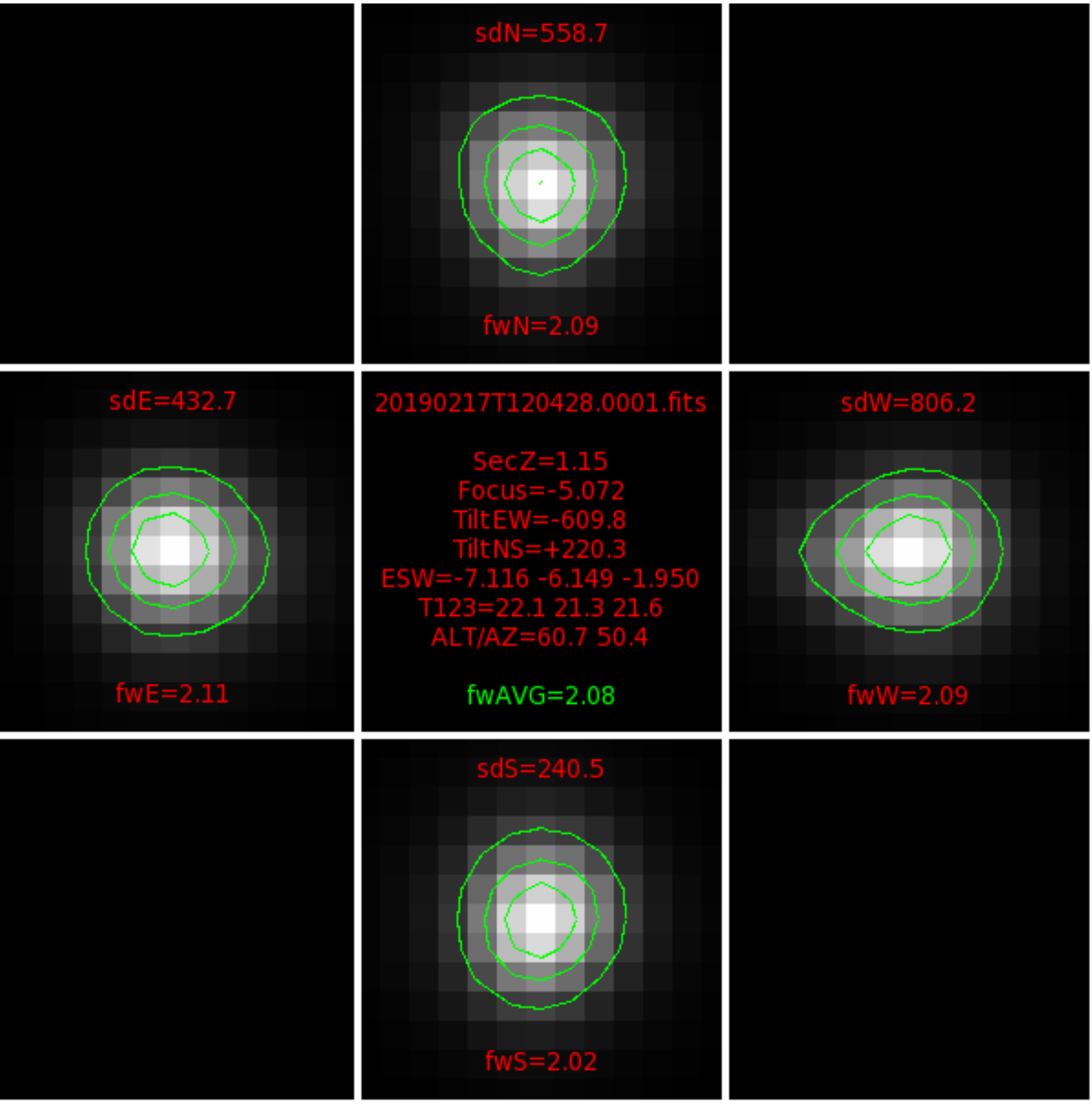
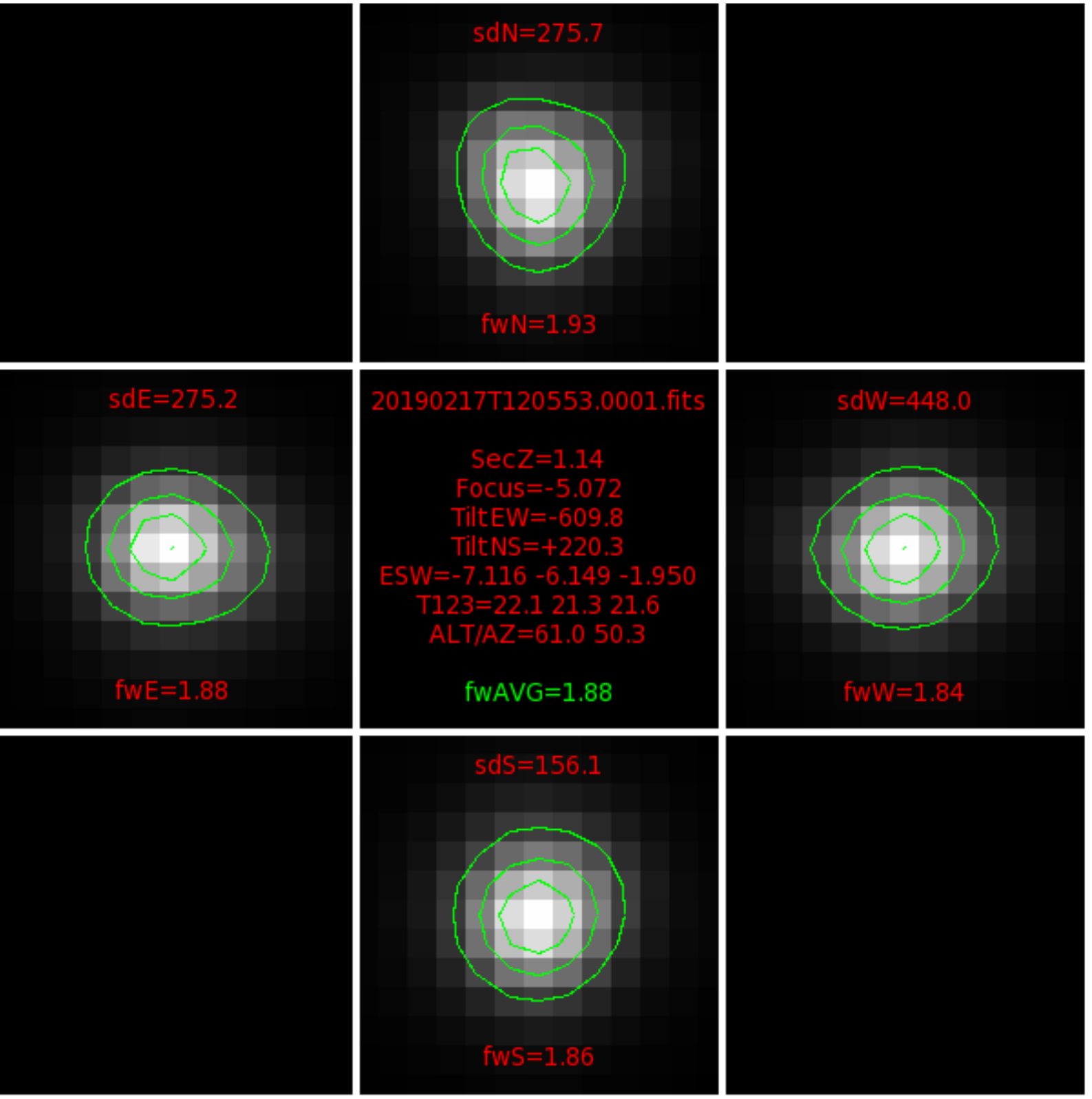

sdN=159.3
fwN=2.36
sdE=137.2
fwE=2.32
20190217T120340.0001.fits
SecZ=1.15
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.1 21.3 21.6
ALT/AZ=60.6 50.5
fwAVG=2.30
sdW=351.7
fwW=2.27
sdS=56.1
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=558.7
fwN=2.09
sdE=432.7
fwE=2.11
20190217T120428.0001.fits
SecZ=1.15
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.1 21.3 21.6
ALT/AZ=60.7 50.4
fwAVG=2.08
sdW=806.2
fwW=2.09
sdS=240.5
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=275.7
fwN=1.93
sdE=275.2
fwE=1.88
20190217T120553.0001.fits
SecZ=1.14
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.1 21.3 21.6
ALT/AZ=61.0 50.3
fwAVG=1.88
sdW=448.0
fwW=1.84
sdS=156.1
fwS=1.86
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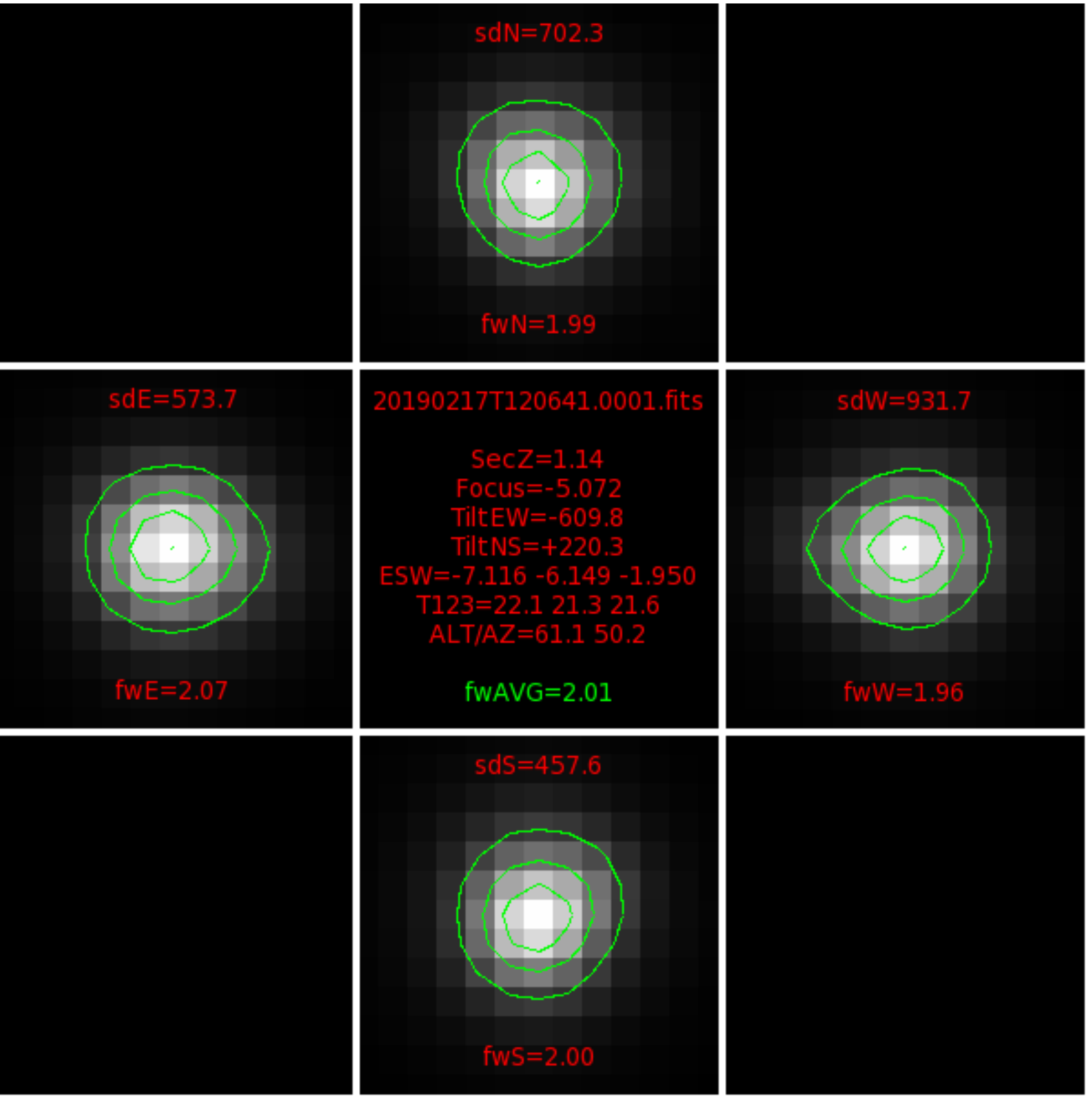
sdN=702.3
fwN=1.99
sdE=573.7
fwE=2.07
20190217T120641.0001.fits
SecZ=1.14
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.1 21.3 21.6
ALT/AZ=61.1 50.2
fwAVG=2.01
sdW=931.7
fwW=1.96
sdS=457.6
fwS=2.00
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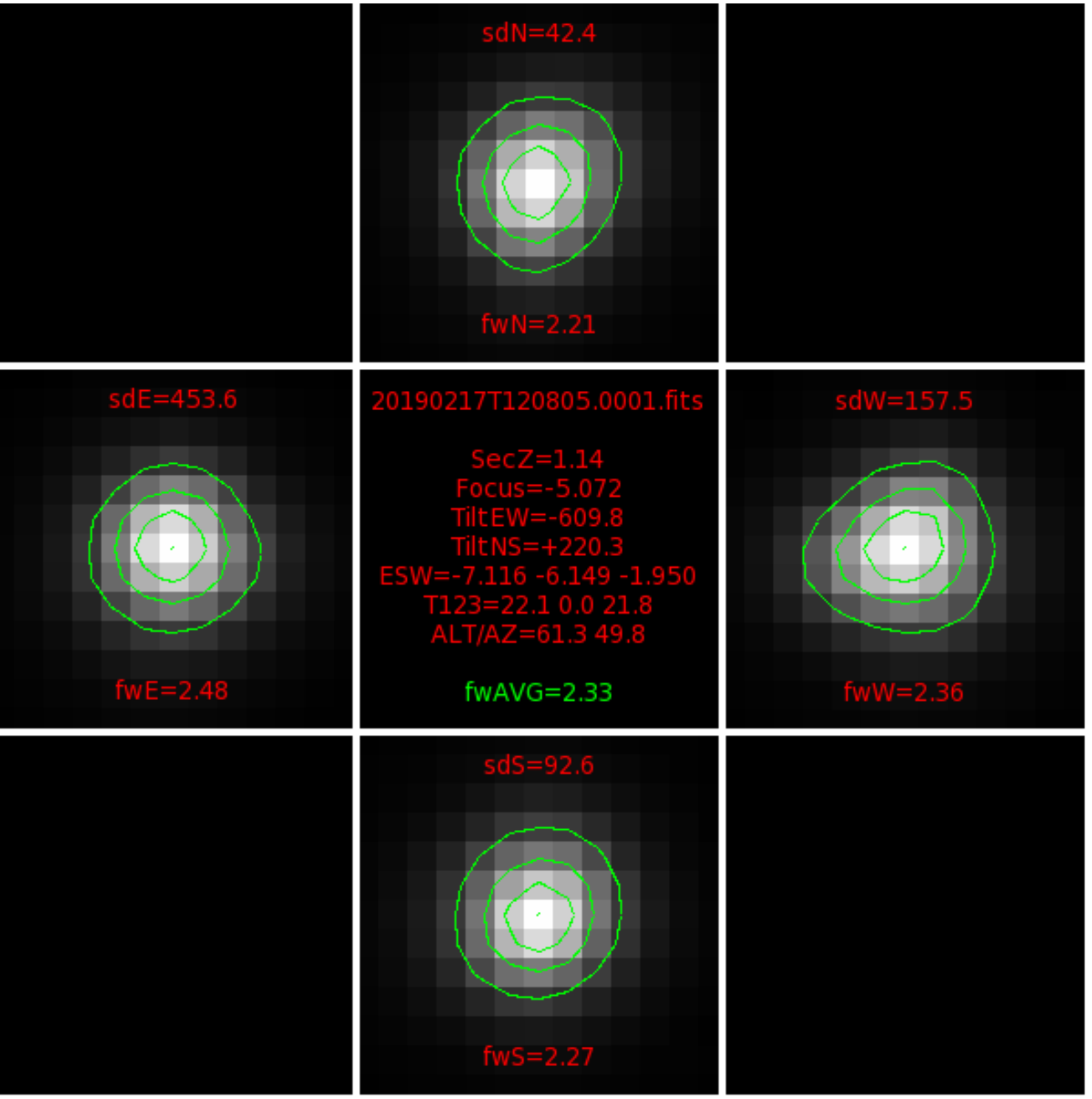
sdN=42.4
fwN=2.21
sdE=453.6
fwE=2.48
20190217T120805.0001.fits
SecZ=1.14
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.1 0.0 21.8
ALT/AZ=61.3 49.8
fwAVG=2.33
sdW=157.5
fwW=2.36
sdS=92.6
fwS=2.27
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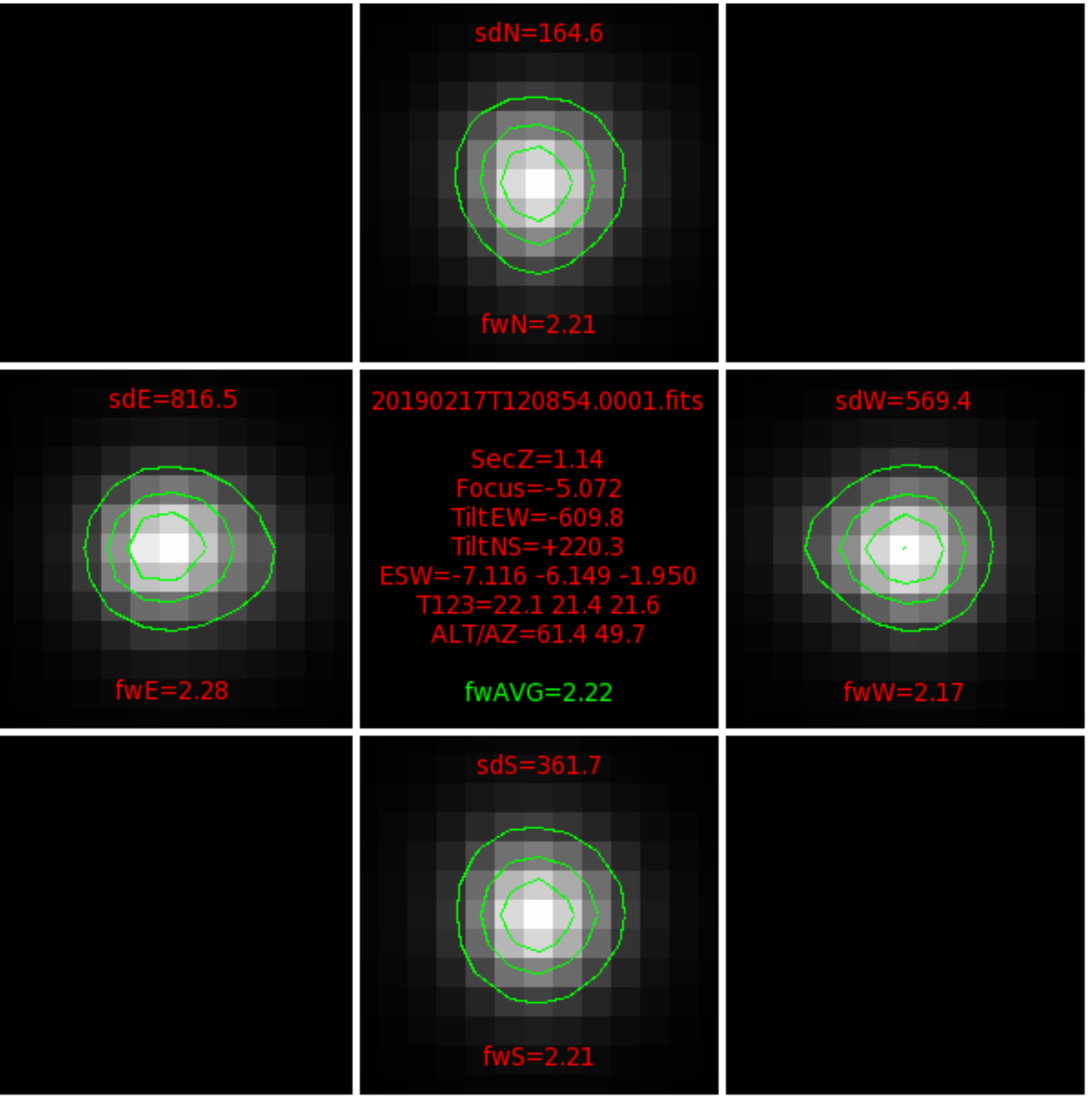
sdN=164.6
fwN=2.21
sdE=816.5
fwE=2.28
20190217T120854.0001.fits
SecZ=1.14
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.1 21.4 21.6
ALT/AZ=61.4 49.7
fwAVG=2.22
sdW=569.4
fwW=2.17
sdS=361.7
fwS=2.21
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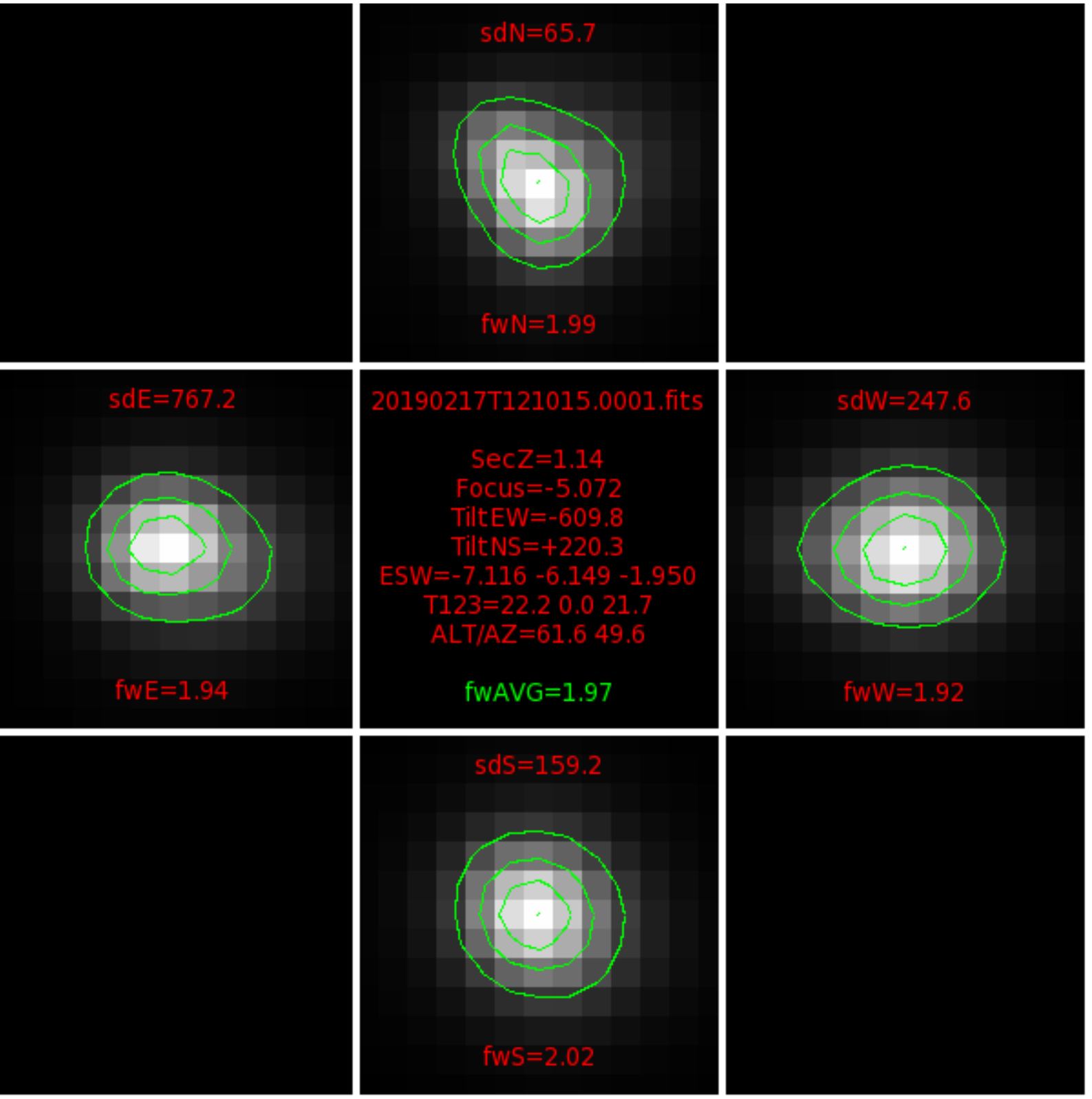
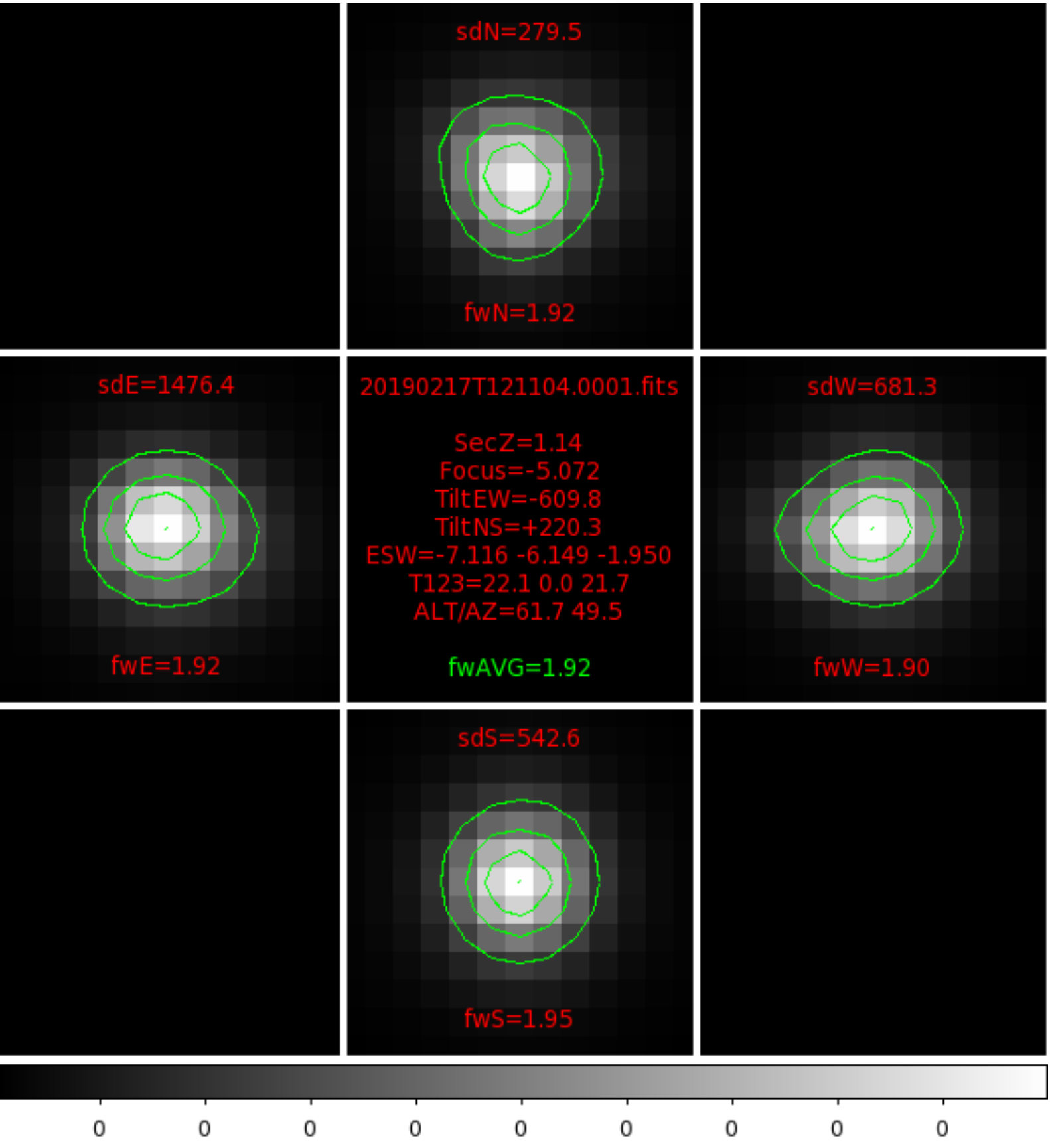

sdN=65.7
fwN=1.99
sdE=767.2
fwE=1.94
20190217T121015.0001.fits
SecZ=1.14
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.2 0.0 21.7
ALT/AZ=61.6 49.6
fwAVG=1.97
sdW=247.6
fwW=1.92
sdS=159.2
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=279.5
fwN=1.92
sdE=1476.4
fwE=1.92
20190217T121104.0001.fits
SecZ=1.14
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=22.1 0.0 21.7
ALT/AZ=61.7 49.5
fwAVG=1.92
sdW=681.3
fwW=1.90
sdS=542.6
fwS=1.95
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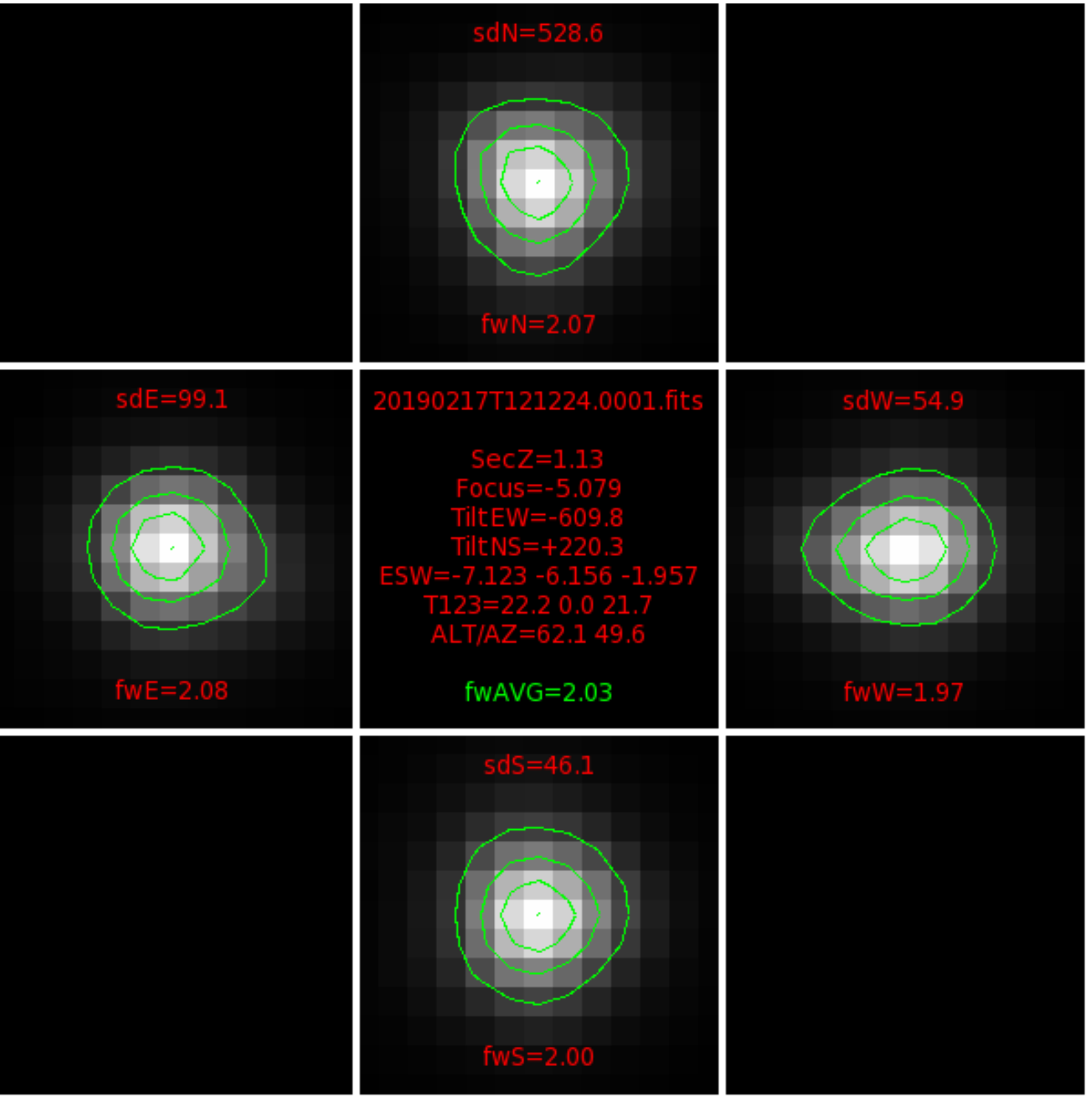
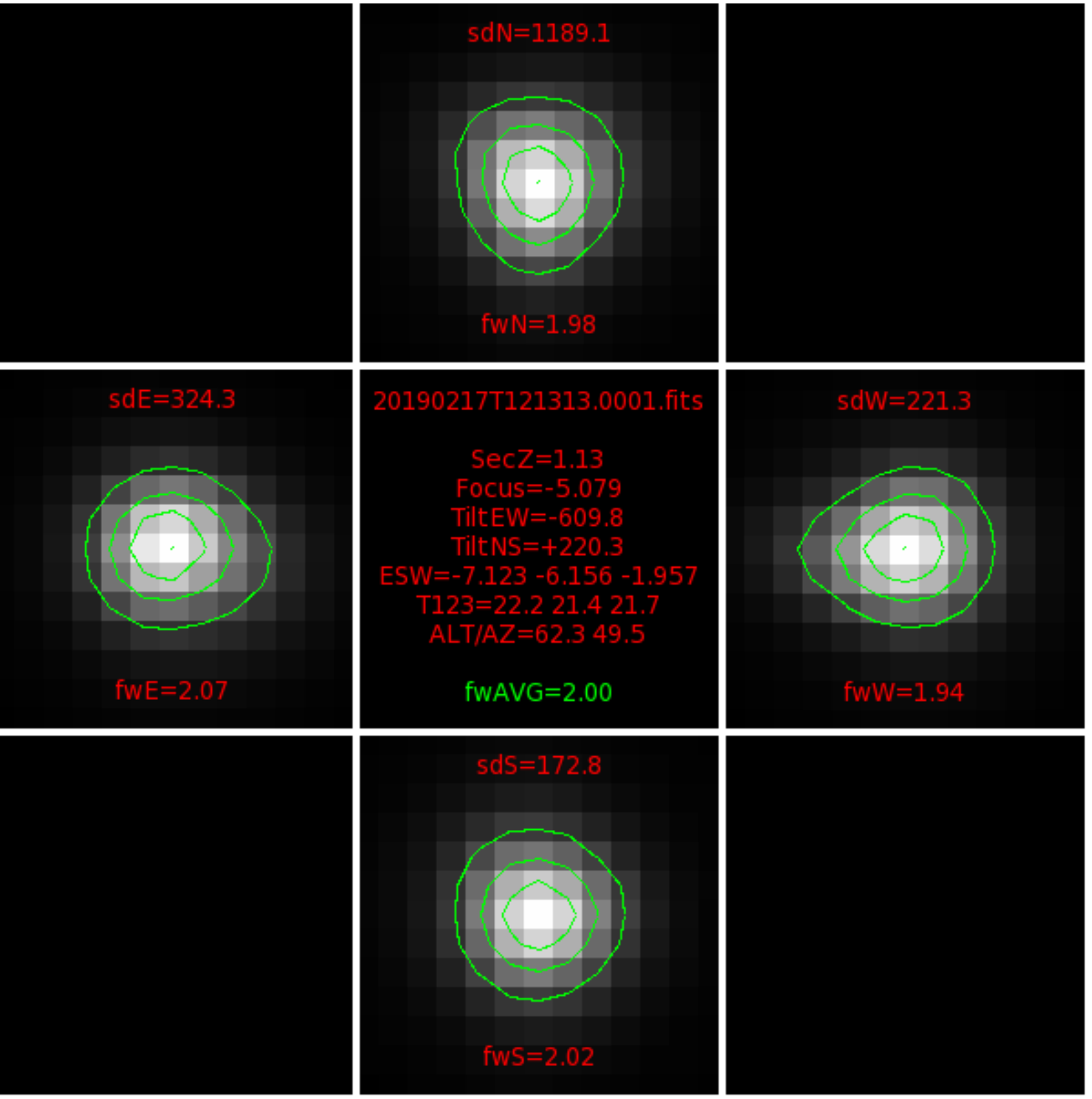

sdN=528.6
fwN=2.07
sdE=99.1
fwE=2.08
20190217T121224.0001.fits
SecZ=1.13
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=22.2 0.0 21.7
ALT/AZ=62.1 49.6
fwAVG=2.03
sdW=54.9
fwW=1.97
sdS=46.1
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=1189.1
fwN=1.98
sdE=324.3
fwE=2.07
20190217T121313.0001.fits
SecZ=1.13
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=22.2 21.4 21.7
ALT/AZ=62.3 49.5
fwAVG=2.00
sdW=221.3
fwW=1.94
sdS=172.8
fwS=2.02
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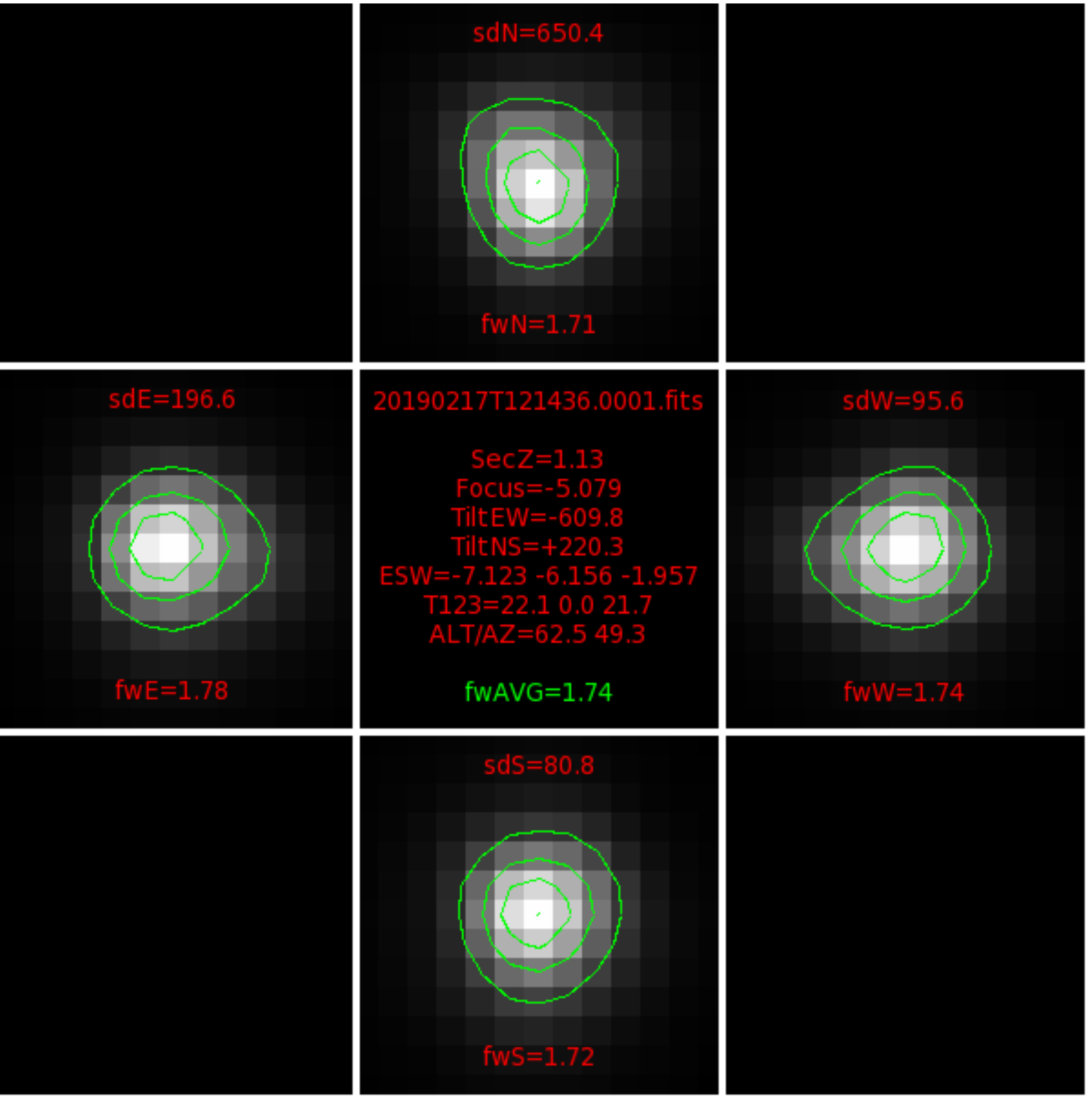
sdN=650.4
fwN=1.71
sdE=196.6
fwE=1.78
20190217T121436.0001.fits
SecZ=1.13
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=22.1 0.0 21.7
ALT/AZ=62.5 49.3
fwAVG=1.74
sdW=95.6
fwW=1.74
sdS=80.8
fwS=1.72
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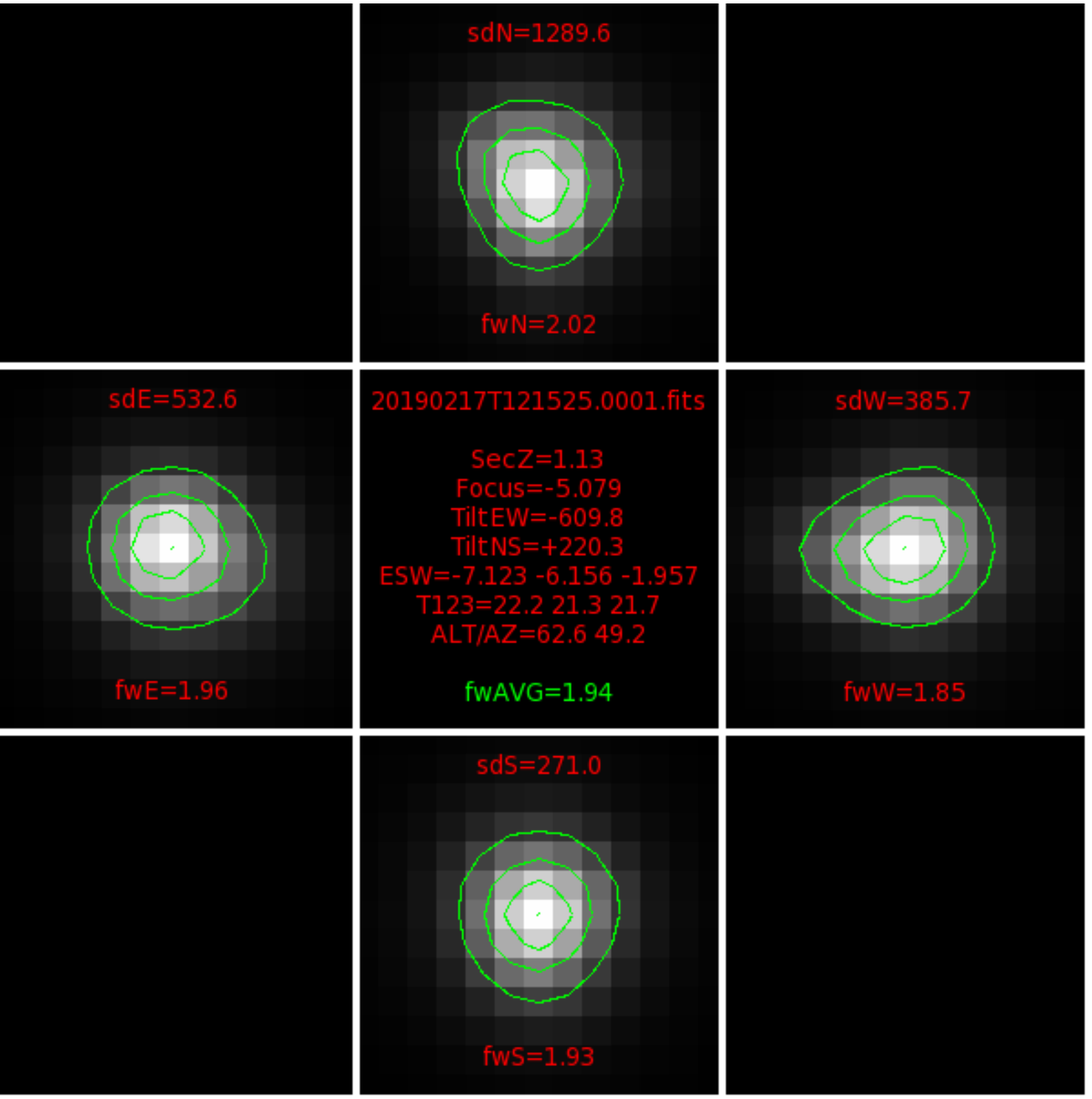
sdN=1289.6
fwN=2.02
sdE=532.6
fwE=1.96
20190217T121525.0001.fits
SecZ=1.13
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=22.2 21.3 21.7
ALT/AZ=62.6 49.2
fwAVG=1.94
sdW=385.7
fwW=1.85
sdS=271.0
fwS=1.93
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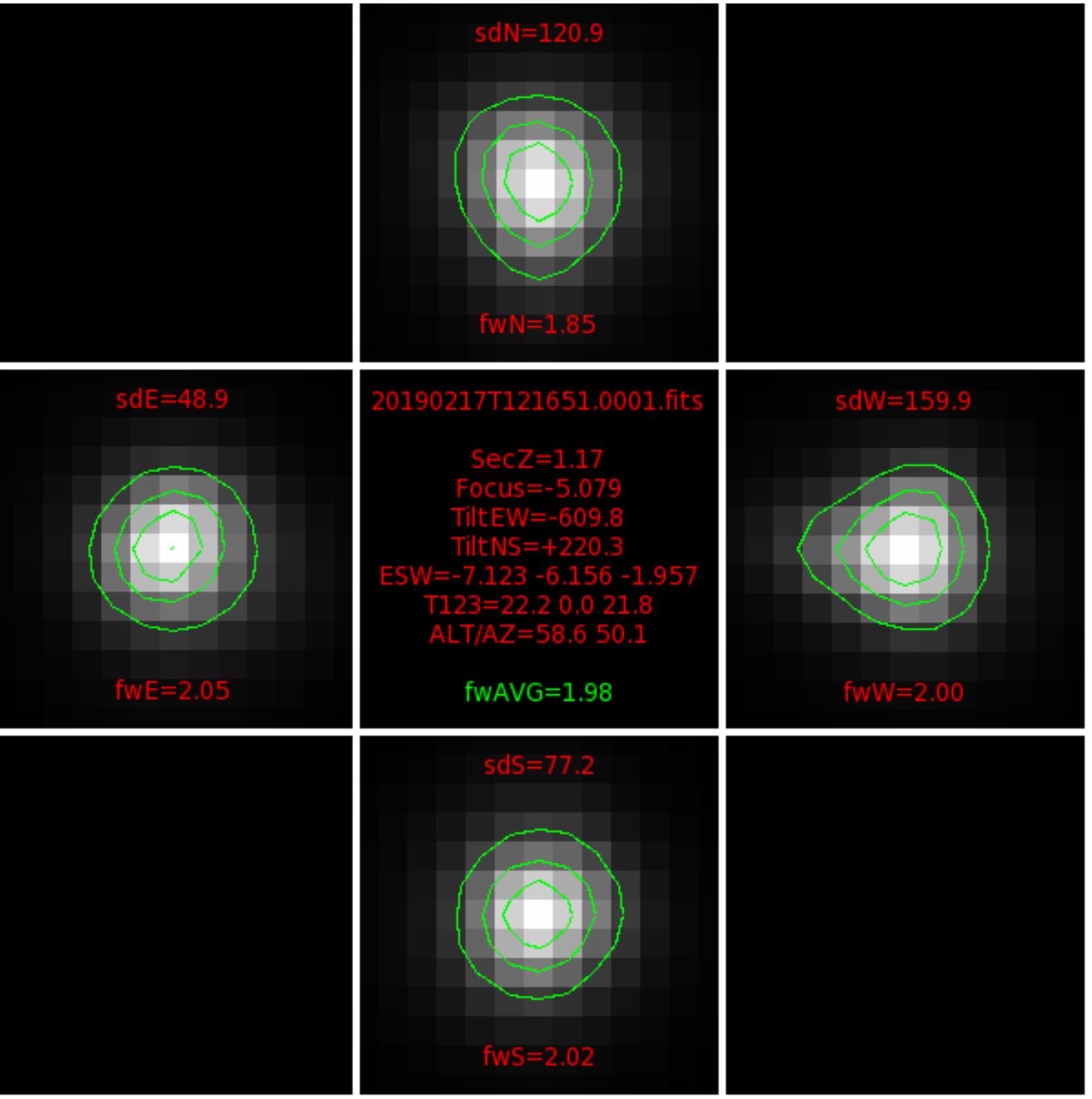
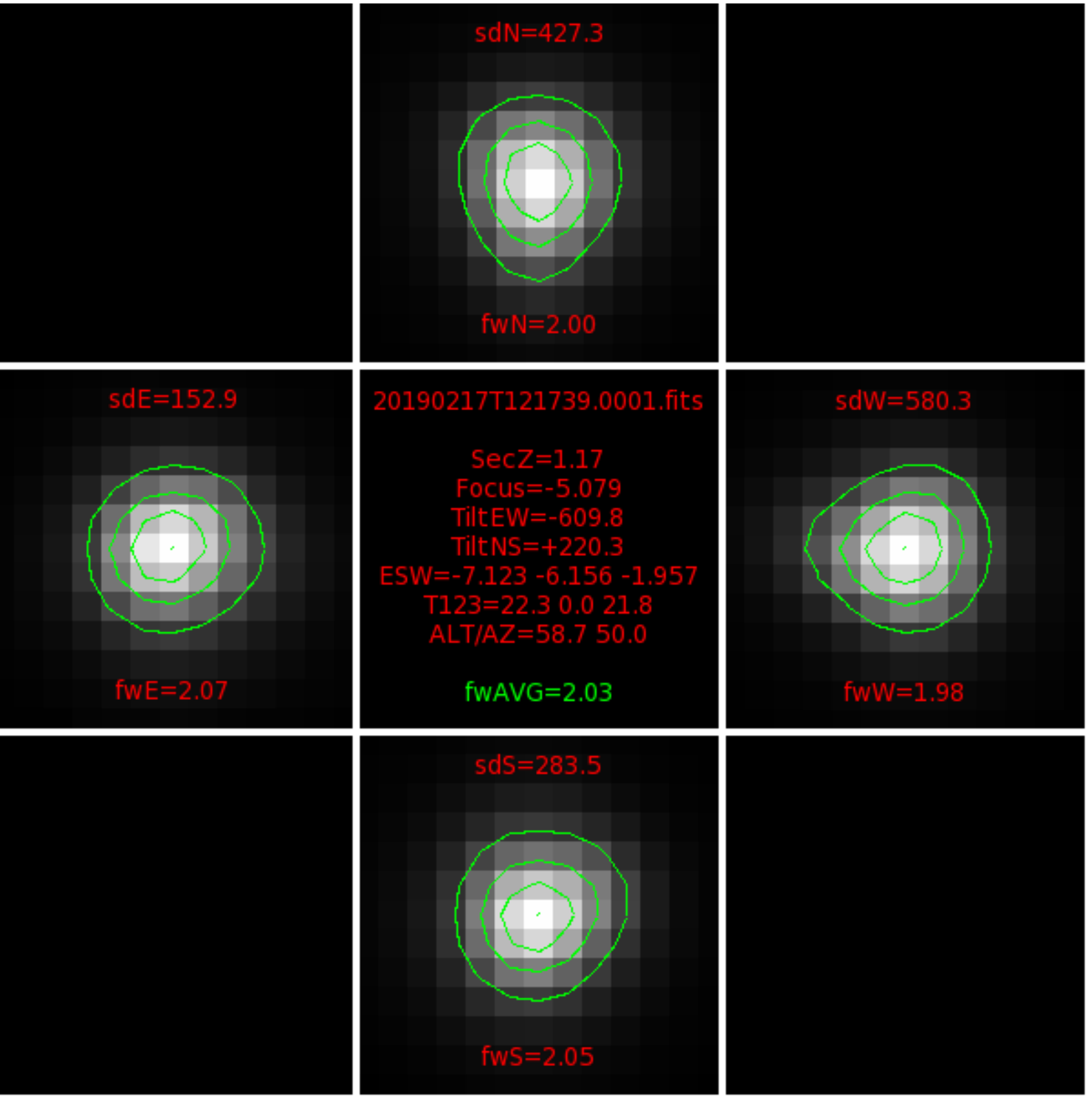

sdN=120.9
fwN=1.85
sdE=48.9
fwE=2.05
20190217T121651.0001.fits
SecZ=1.17
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=22.2 0.0 21.8
ALT/AZ=58.6 50.1
fwAVG=1.98
sdW=159.9
fwW=2.00
sdS=77.2
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=427.3
fwN=2.00
sdE=152.9
fwE=2.07
20190217T121739.0001.fits
SecZ=1.17
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=22.3 0.0 21.8
ALT/AZ=58.7 50.0
fwAVG=2.03
sdW=580.3
fwW=1.98
sdS=283.5
fwS=2.05
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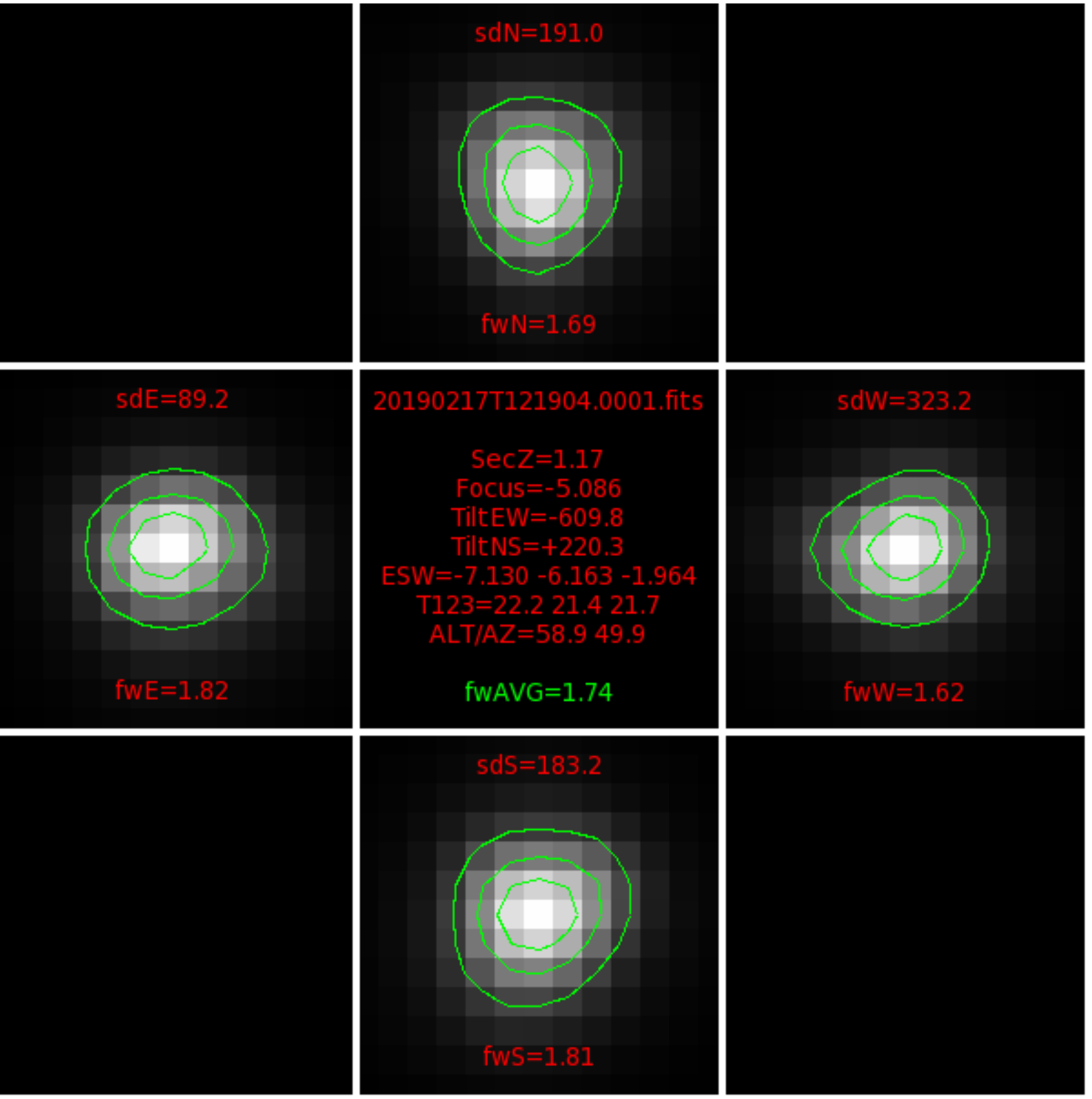
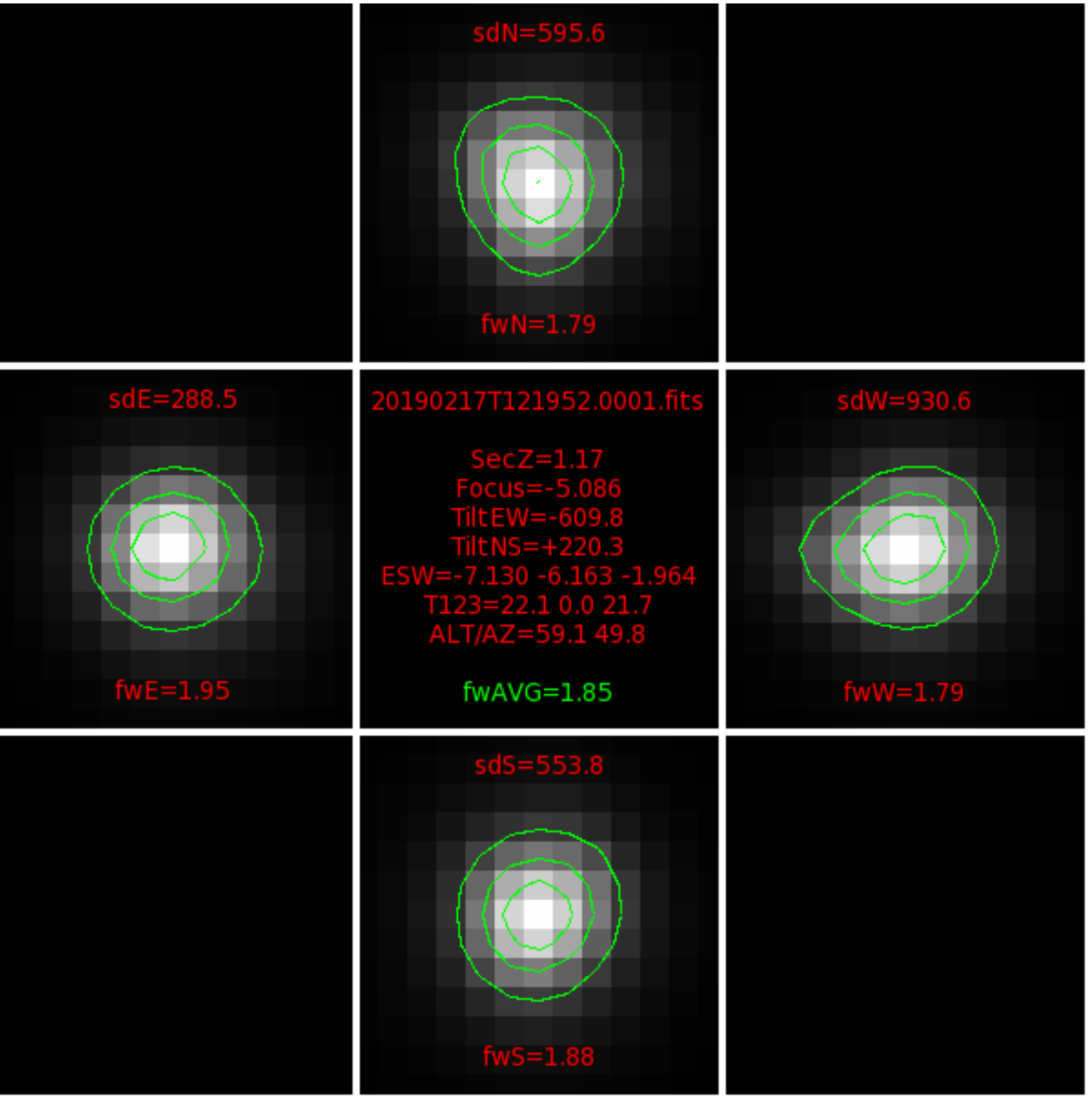
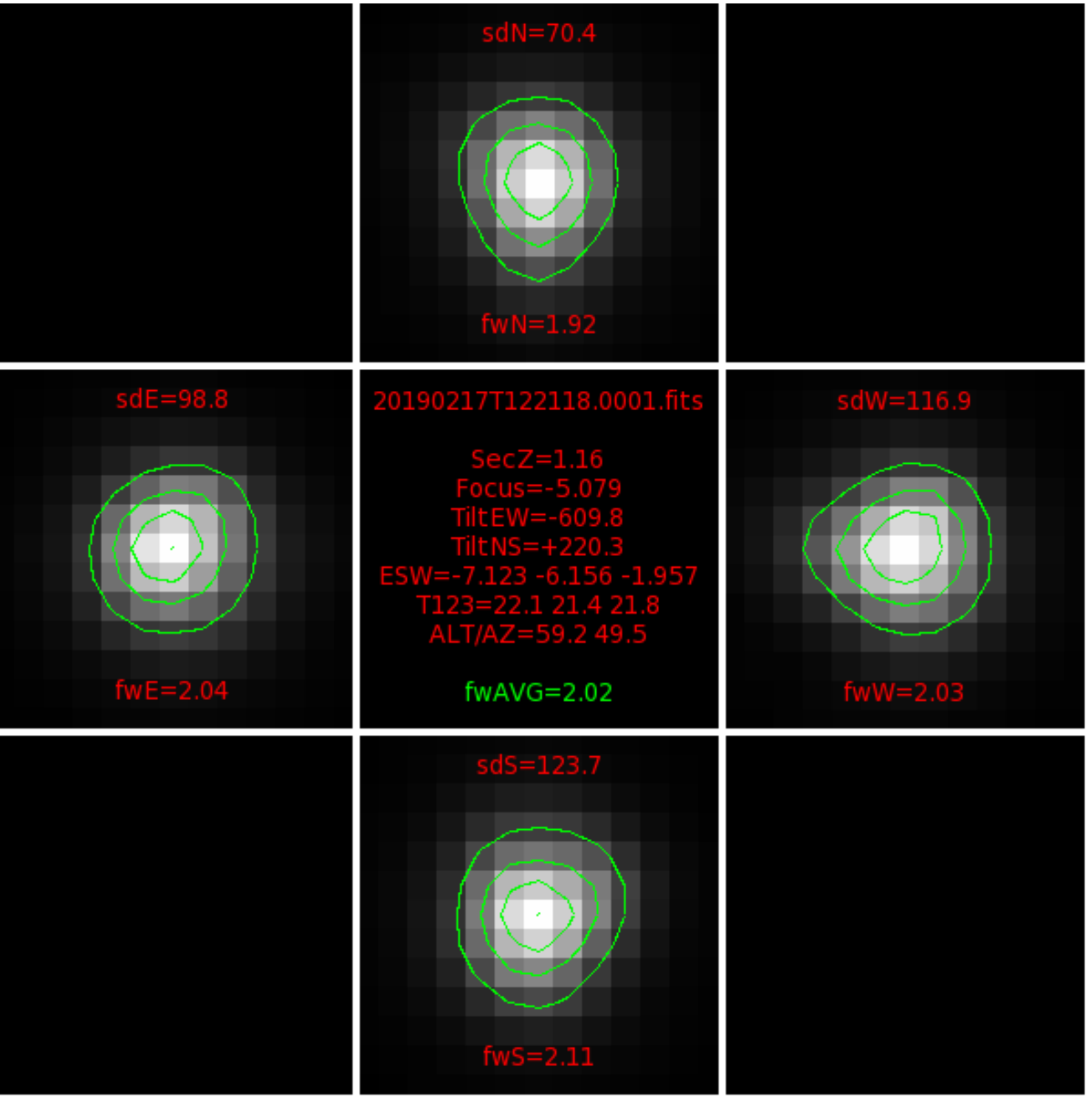

sdN=191.0
fwN=1.69
sdE=89.2
fwE=1.82
20190217T121904.0001.fits
SecZ=1.17
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.2 21.4 21.7
ALT/AZ=58.9 49.9
fwAVG=1.74
sdW=323.2
fwW=1.62
sdS=183.2
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=595.6
fwN=1.79
sdE=288.5
fwE=1.95
20190217T121952.0001.fits
SecZ=1.17
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.1 0.0 21.7
ALT/AZ=59.1 49.8
fwAVG=1.85
sdW=930.6
fwW=1.79
sdS=553.8
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=70.4
fwN=1.92
sdE=98.8
fwE=2.04
20190217T122118.0001.fits
SecZ=1.16
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=22.1 21.4 21.8
ALT/AZ=59.2 49.5
fwAVG=2.02
sdW=116.9
fwW=2.03
sdS=123.7
fwS=2.11
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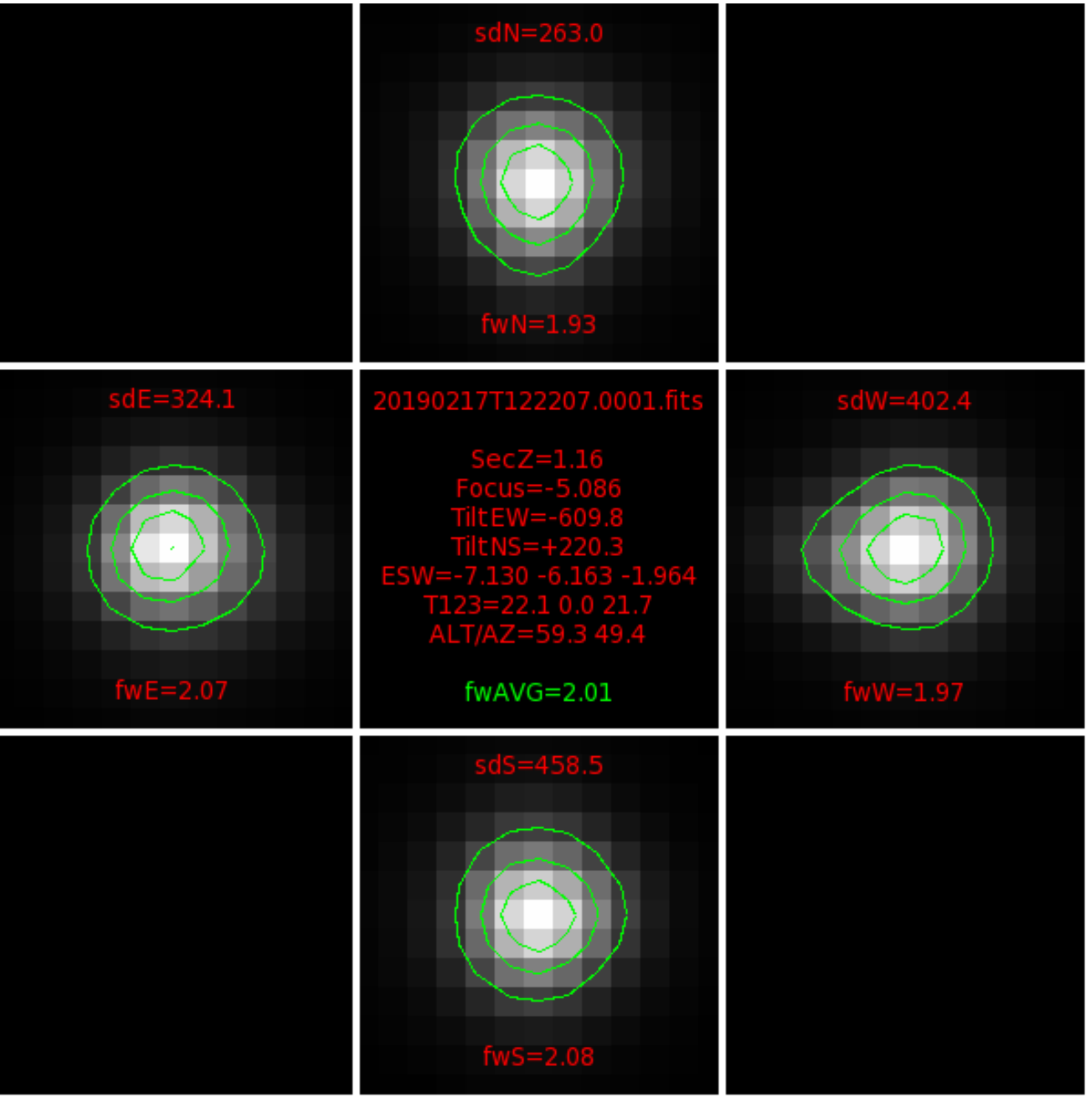
sdN=263.0
fwN=1.93
sdE=324.1
fwE=2.07
20190217T122207.0001.fits
SecZ=1.16
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.1 0.0 21.7
ALT/AZ=59.3 49.4
fwAVG=2.01
sdW=402.4
fwW=1.97
sdS=458.5
fwS=2.08
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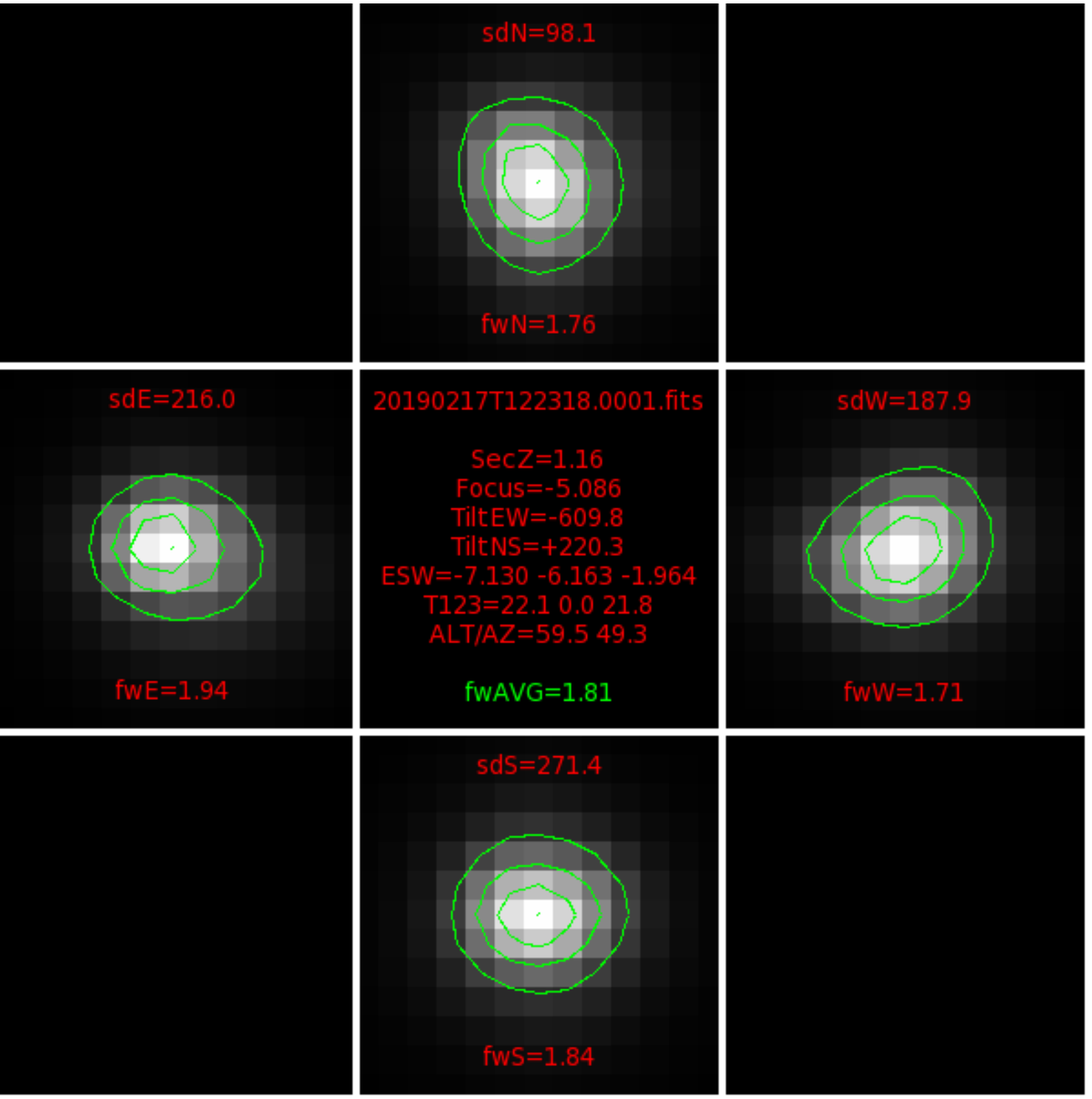
sdN=98.1
fwN=1.76
sdE=216.0
fwE=1.94
20190217T122318.0001.fits
SecZ=1.16
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.1 0.0 21.8
ALT/AZ=59.5 49.3
fwAVG=1.81
sdW=187.9
fwW=1.71
sdS=271.4
fwS=1.84
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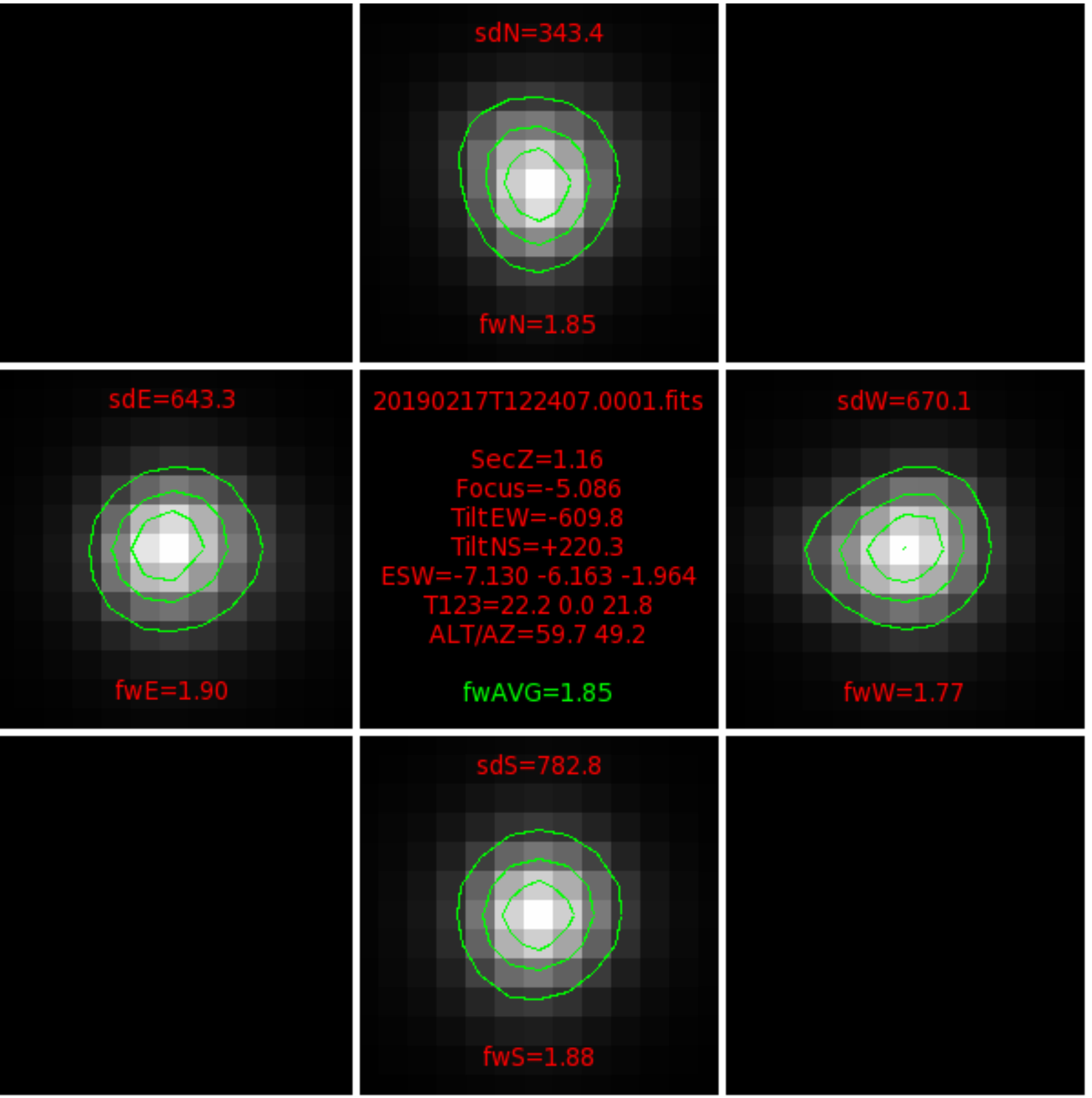
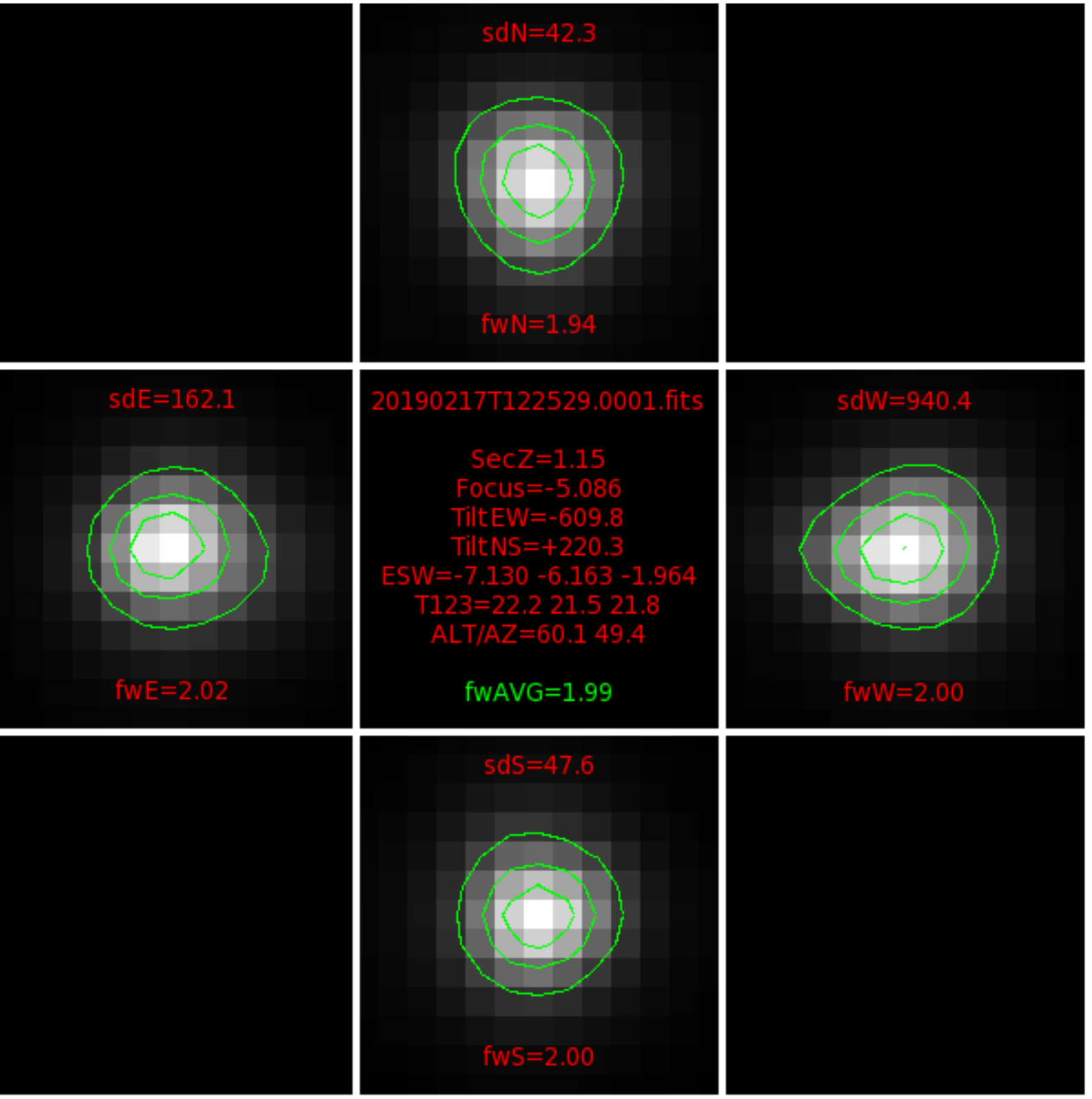

sdN=343.4
fwN=1.85
sdE=643.3
fwE=1.90
20190217T122407.0001.fits
SecZ=1.16
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.2 0.0 21.8
ALT/AZ=59.7 49.2
fwAVG=1.85
sdW=670.1
fwW=1.77
sdS=782.8
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=42.3
fwN=1.94
sdE=162.1
fwE=2.02
20190217T122529.0001.fits
SecZ=1.15
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.2 21.5 21.8
ALT/AZ=60.1 49.4
fwAVG=1.99
sdW=940.4
fwW=2.00
sdS=47.6
fwS=2.00
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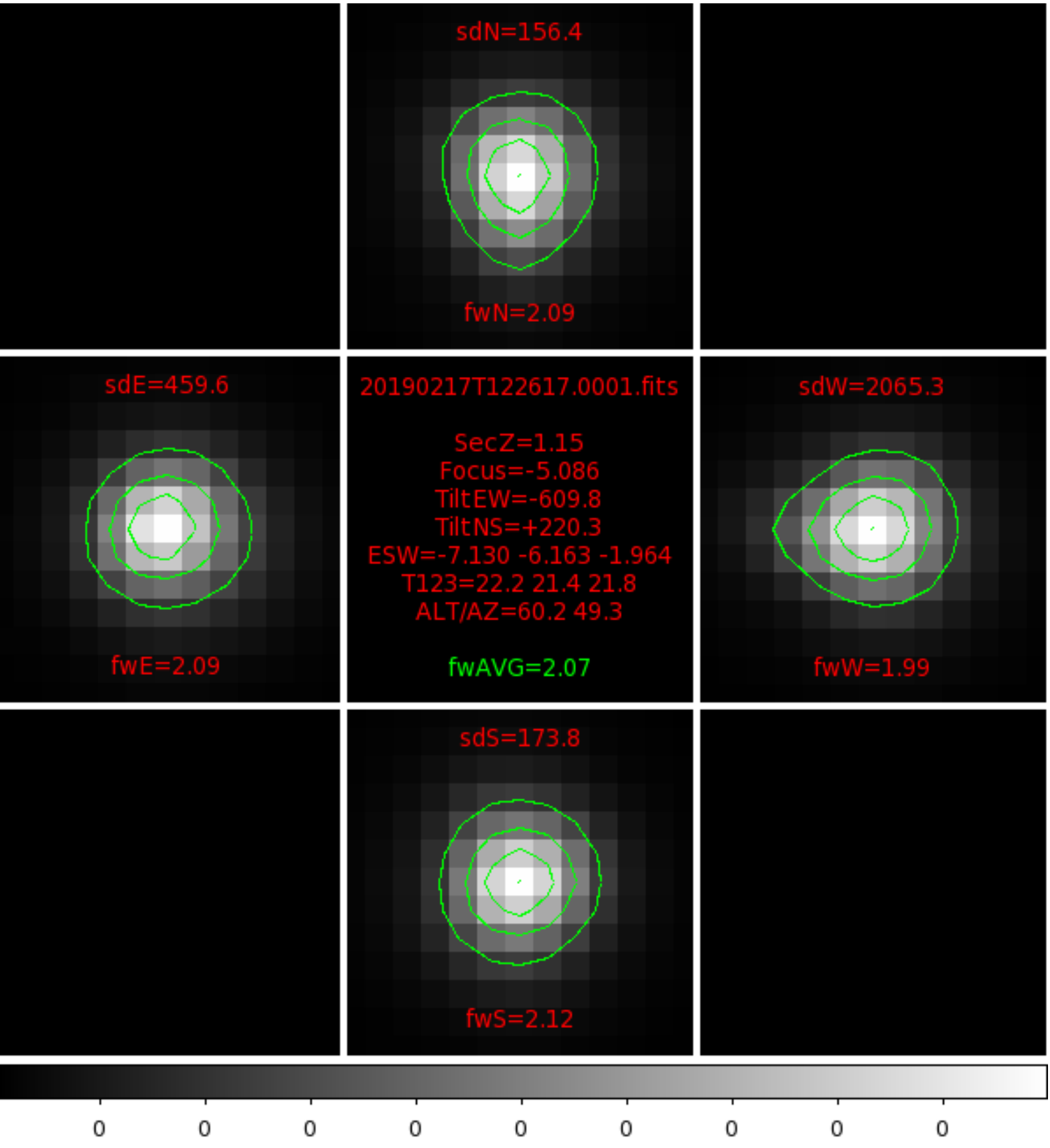
sdN=156.4
fwN=2.09
sdE=459.6
fwE=2.09
20190217T122617.0001.fits
SecZ=1.15
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.2 21.4 21.8
ALT/AZ=60.2 49.3
fwAVG=2.07
sdW=2065.3
fwW=1.99
sdS=173.8
fwS=2.12
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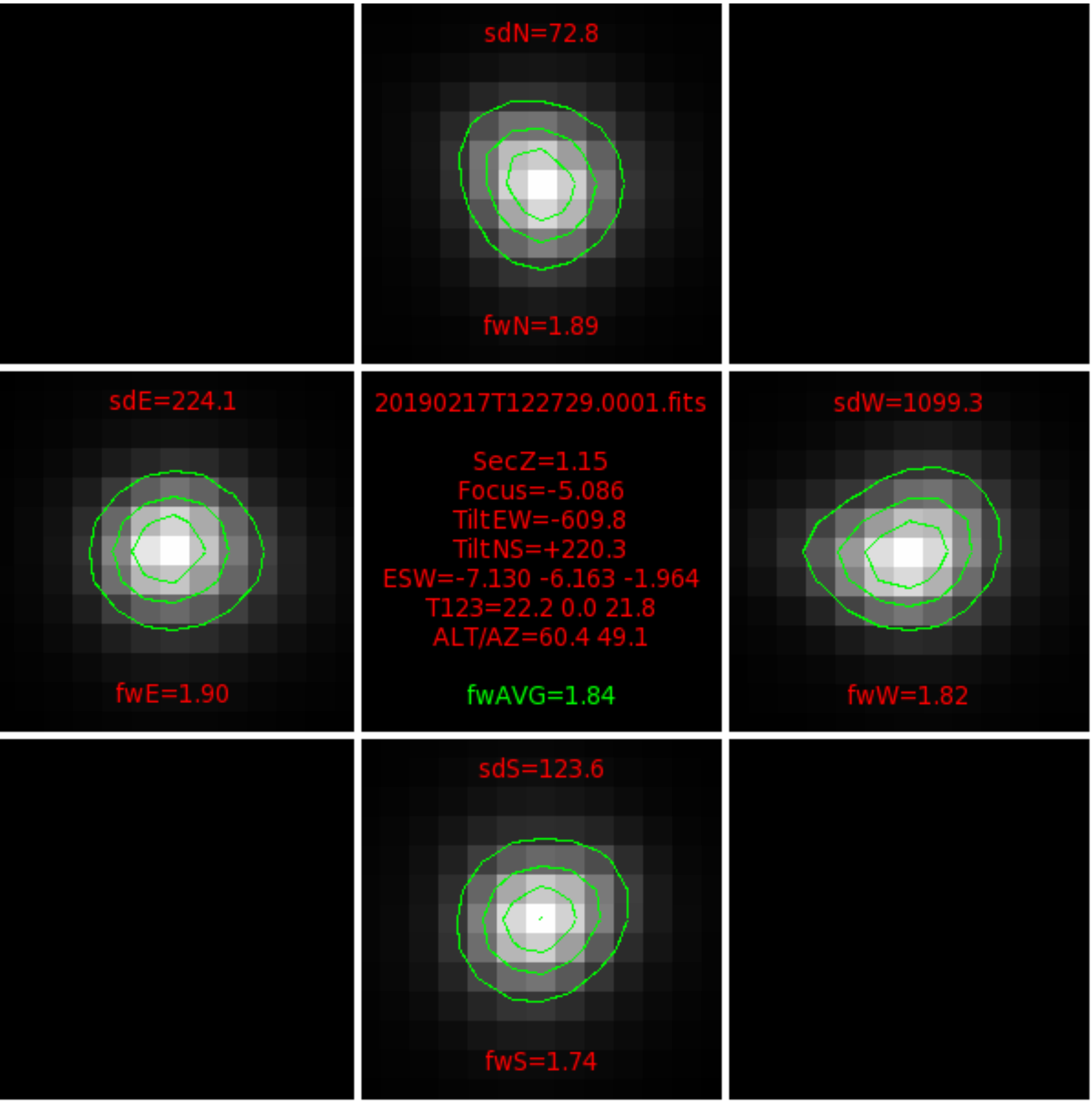
sdN=72.8
fwN=1.89
sdE=224.1
fwE=1.90
20190217T122729.0001.fits
SecZ=1.15
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.2 0.0 21.8
ALT/AZ=60.4 49.1
fwAVG=1.84
sdW=1099.3
fwW=1.82
sdS=123.6
fwS=1.74
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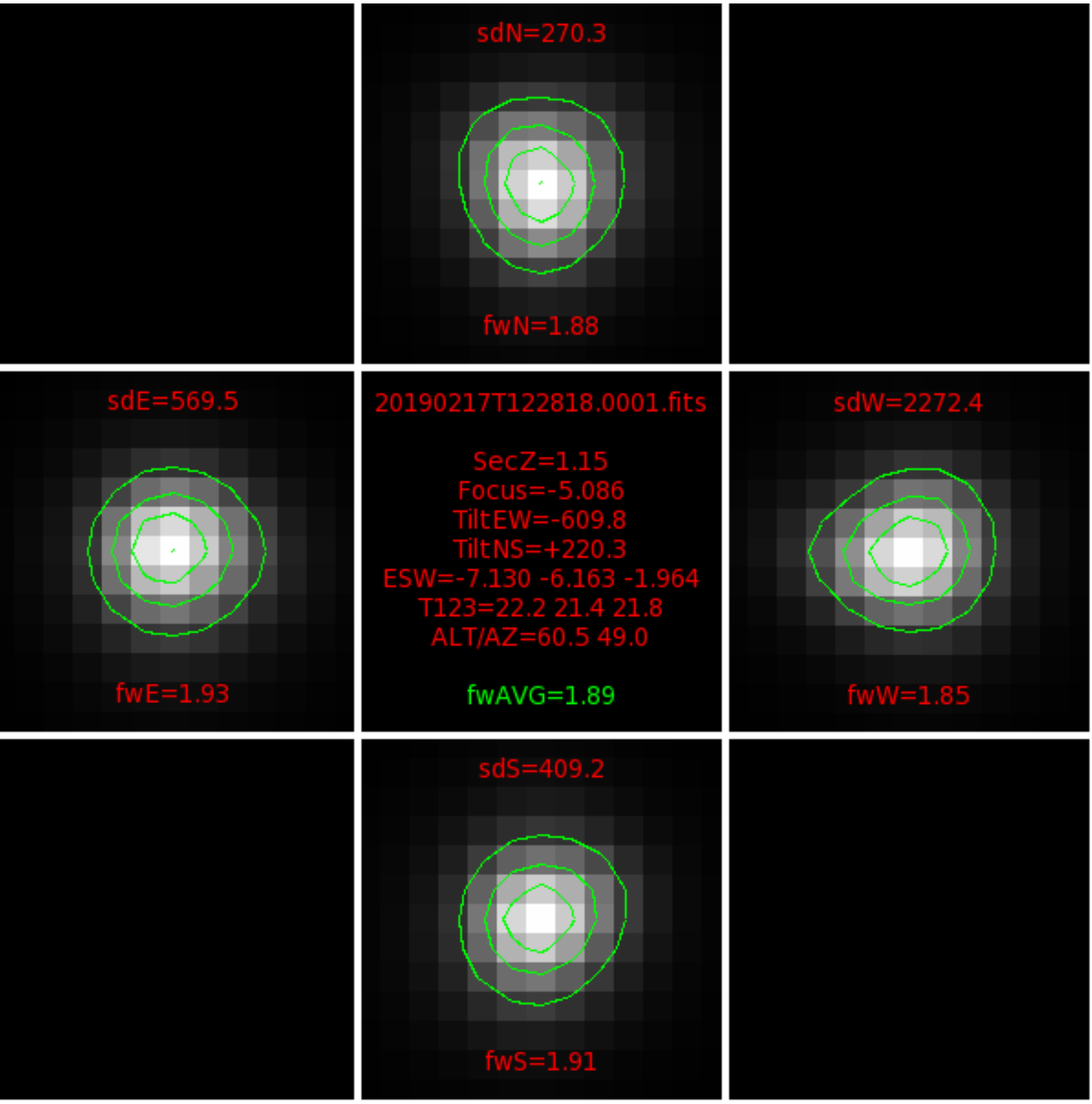
sdN=270.3
fwN=1.88
sdE=569.5
fwE=1.93
20190217T122818.0001.fits
SecZ=1.15
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.2 21.4 21.8
ALT/AZ=60.5 49.0
fwAVG=1.89
sdW=2272.4
fwW=1.85
sdS=409.2
fwS=1.91
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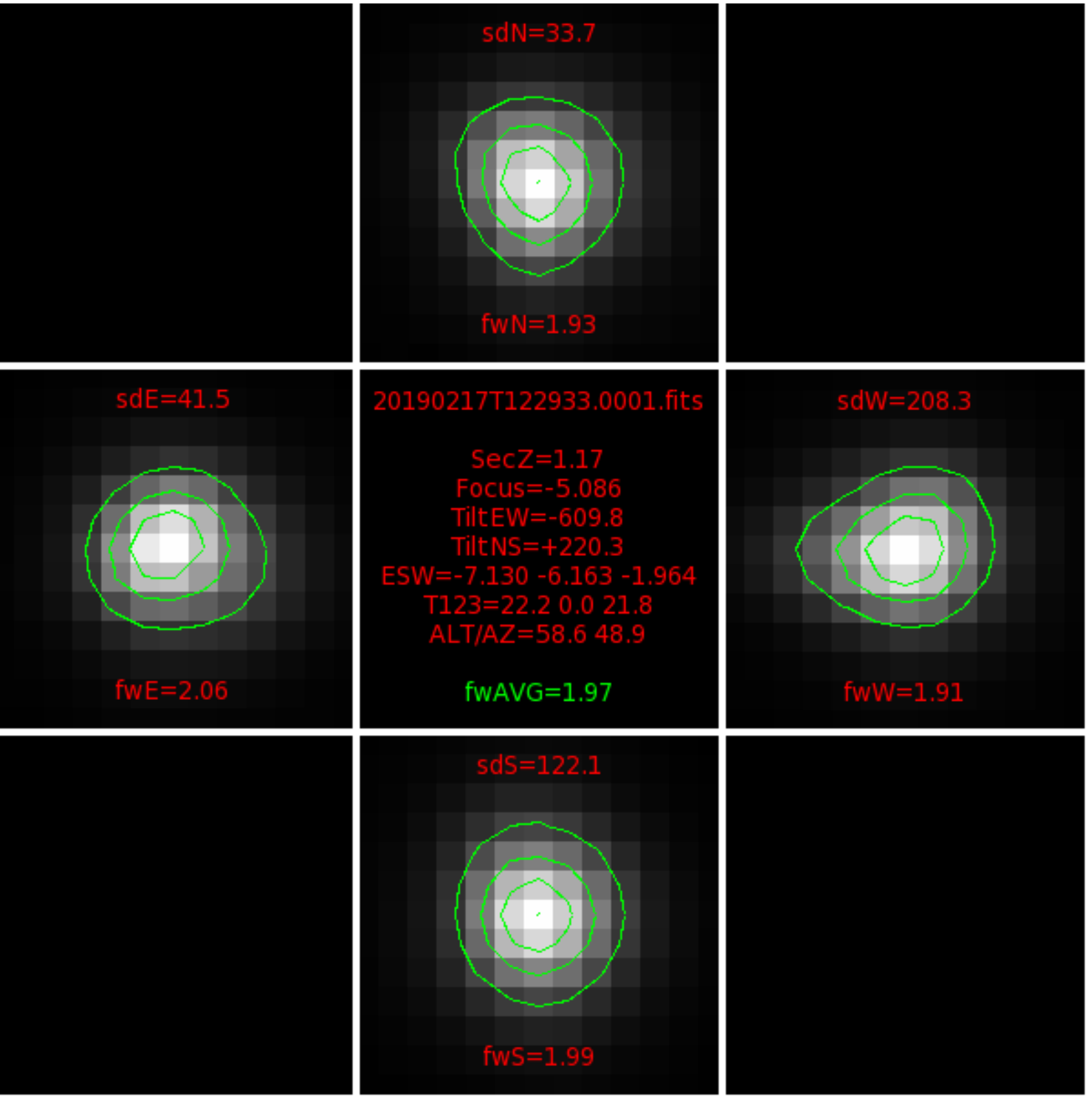
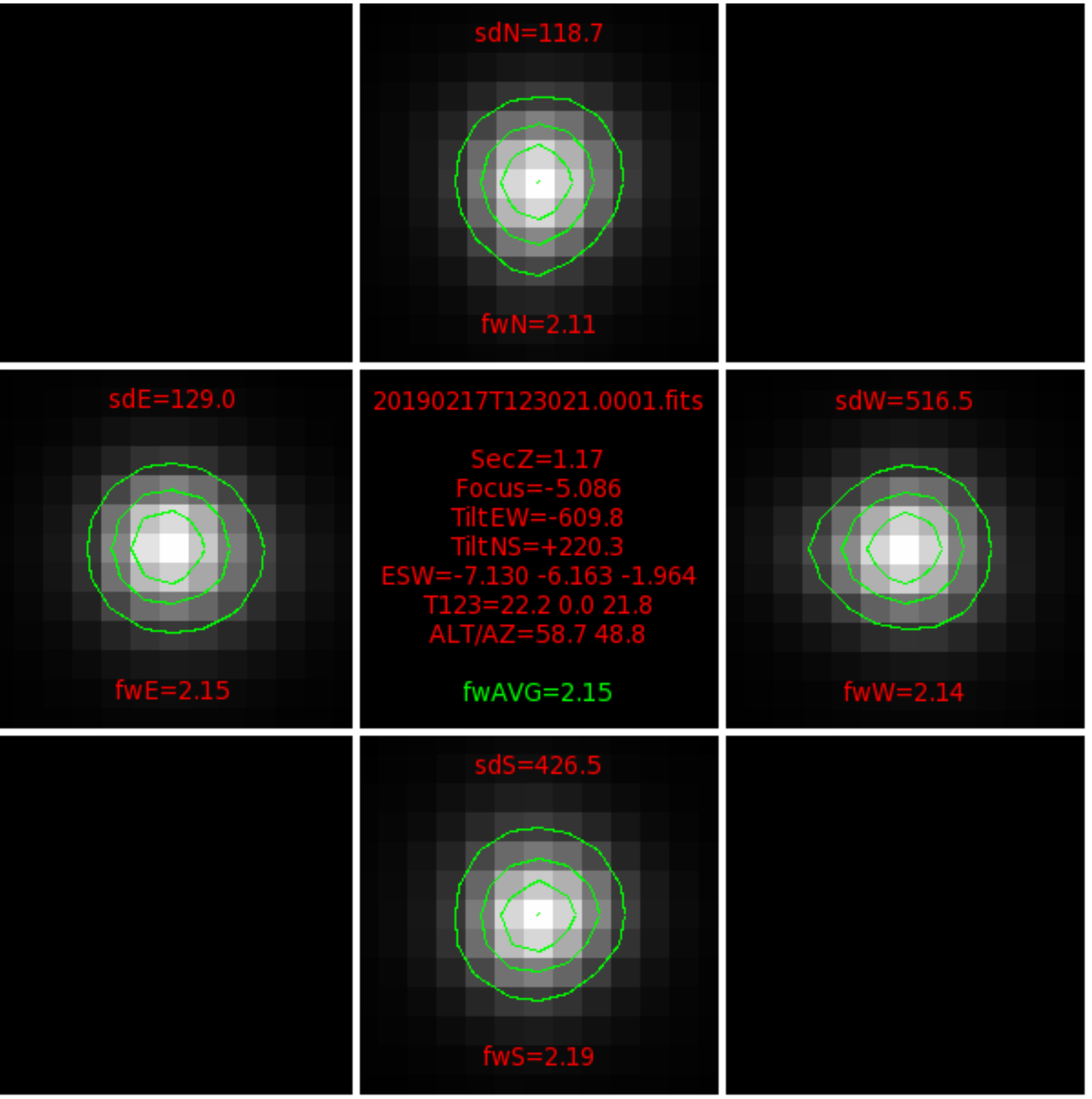

sdN=33.7
fwN=1.93
sdE=41.5
fwE=2.06
20190217T122933.0001.fits
SecZ=1.17
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.2 0.0 21.8
ALT/AZ=58.6 48.9
fwAVG=1.97
sdW=208.3
fwW=1.91
sdS=122.1
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=118.7
fwN=2.11
sdE=129.0
fwE=2.15
20190217T123021.0001.fits
SecZ=1.17
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.2 0.0 21.8
ALT/AZ=58.7 48.8
fwAVG=2.15
sdW=516.5
fwW=2.14
sdS=426.5
fwS=2.19
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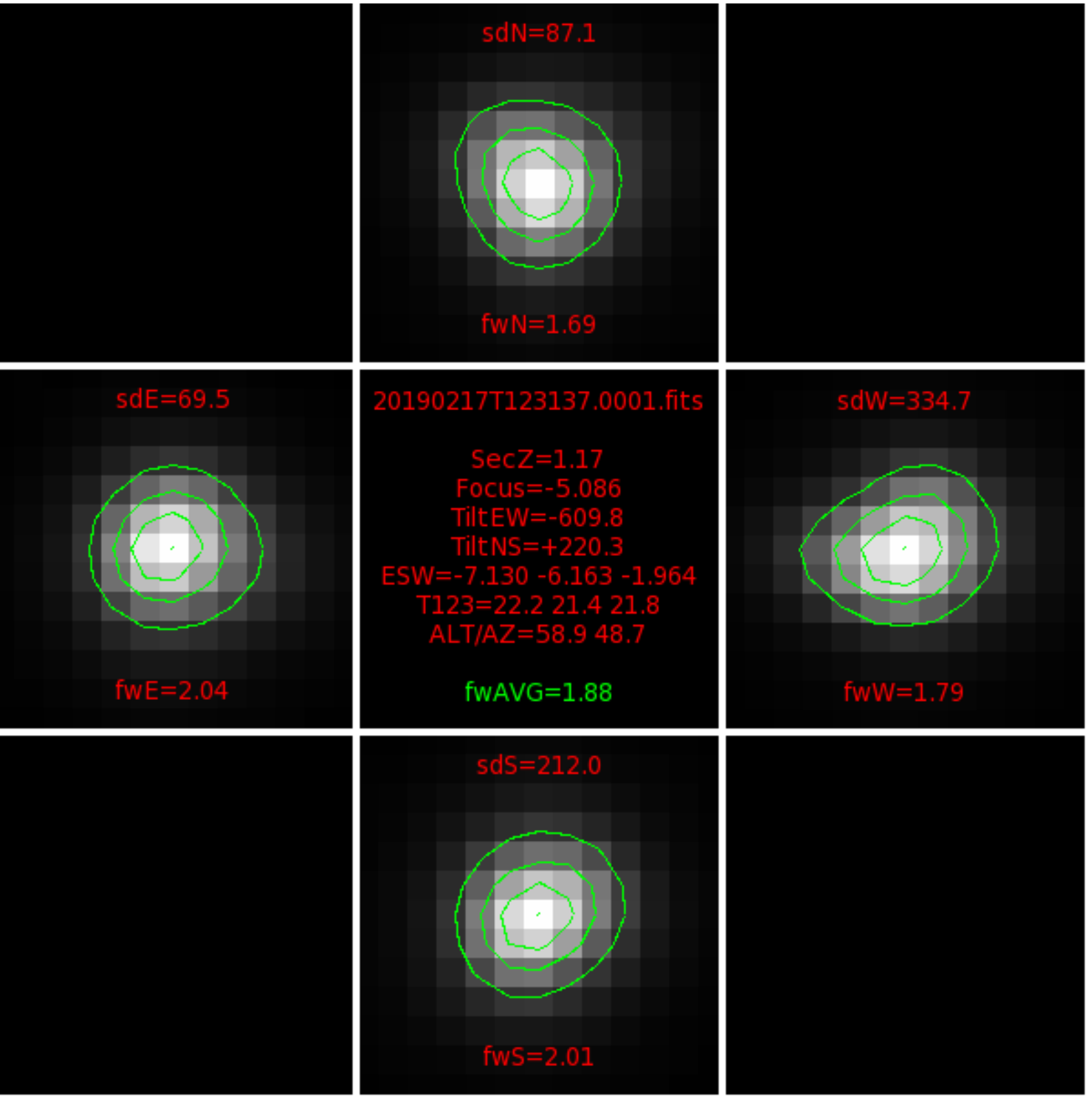
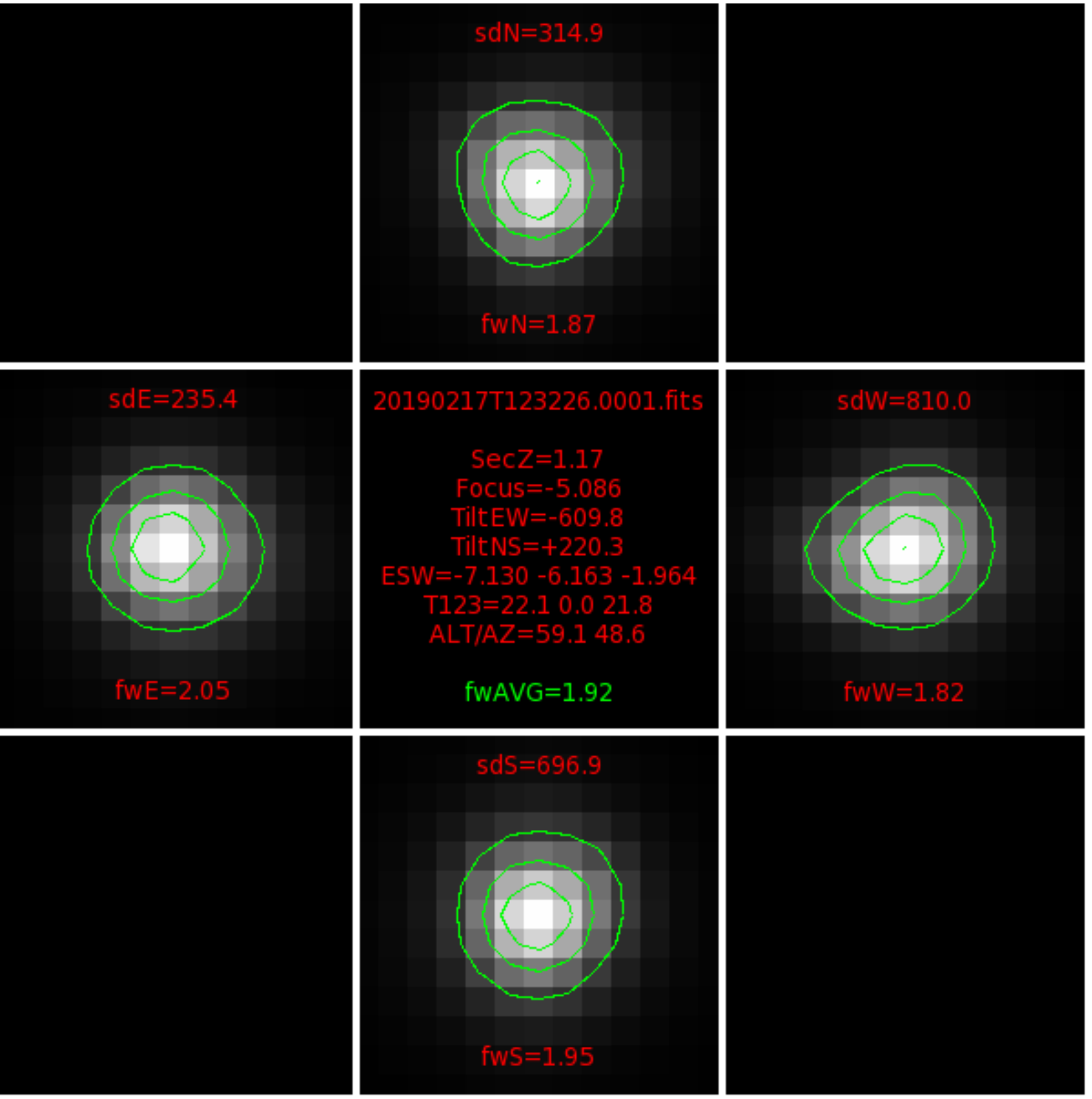

sdN=87.1
fwN=1.69
sdE=69.5
fwE=2.04
20190217T123137.0001.fits
SecZ=1.17
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.2 21.4 21.8
ALT/AZ=58.9 48.7
fwAVG=1.88
sdW=334.7
fwW=1.79
sdS=212.0
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=314.9
fwN=1.87
sdE=235.4
fwE=2.05
20190217T123226.0001.fits
SecZ=1.17
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.1 0.0 21.8
ALT/AZ=59.1 48.6
fwAVG=1.92
sdW=810.0
fwW=1.82
sdS=696.9
fwS=1.95
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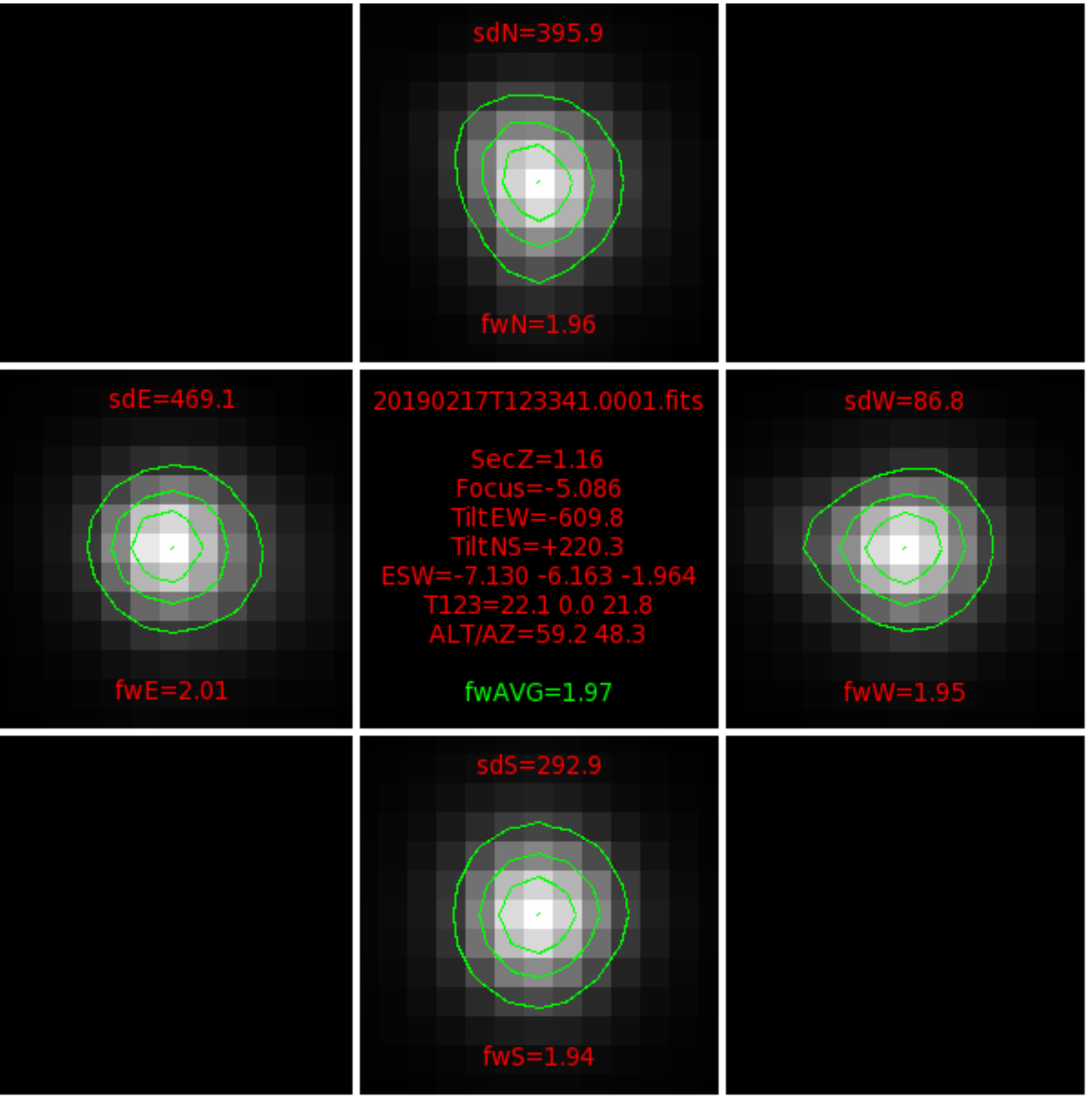
sdN=395.9
fwN=1.96
sdE=469.1
fwE=2.01
20190217T123341.0001.fits
SecZ=1.16
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.1 0.0 21.8
ALT/AZ=59.2 48.3
fwAVG=1.97
sdW=86.8
fwW=1.95
sdS=292.9
fwS=1.94
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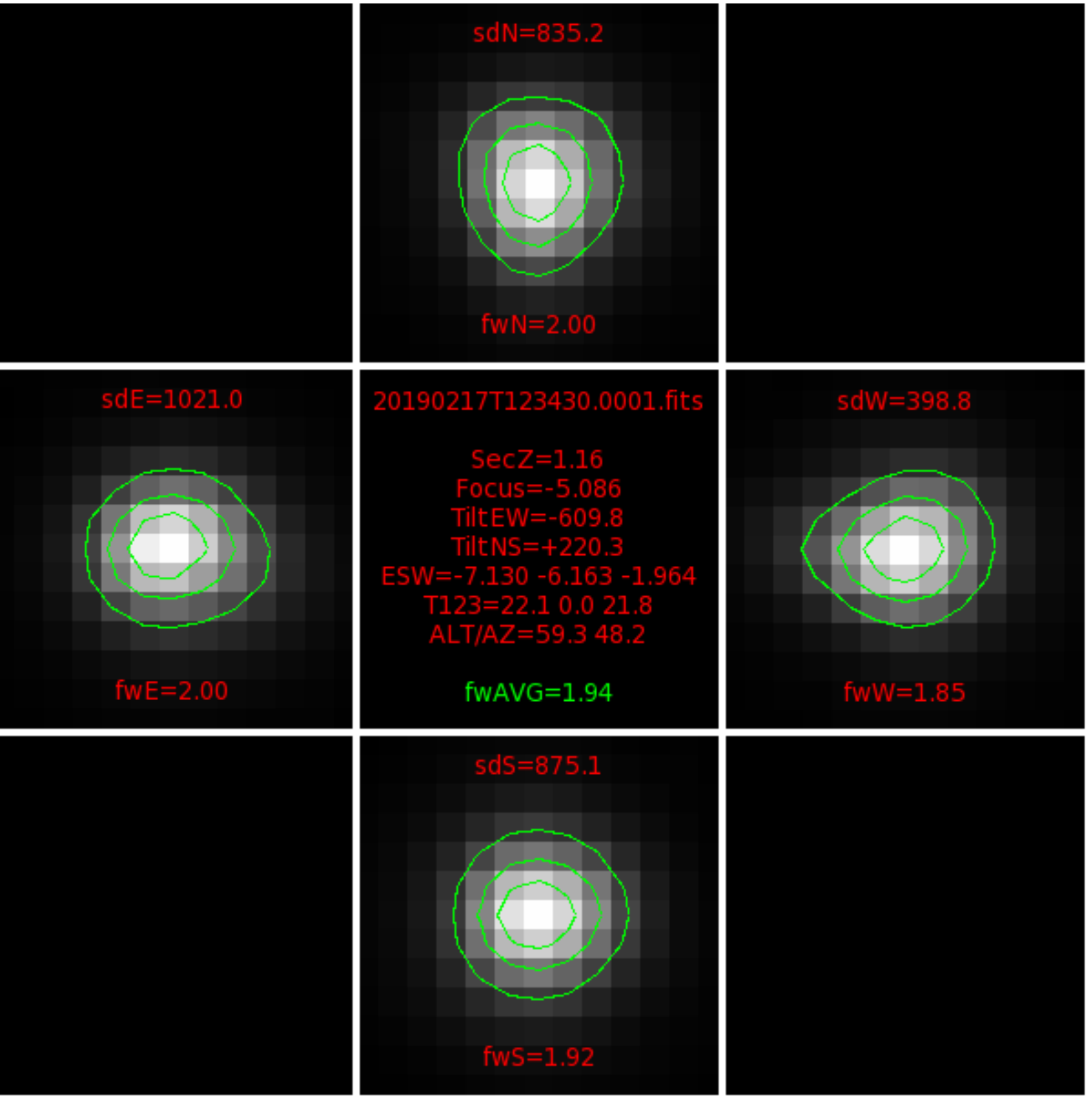
sdN=835.2
fwN=2.00
sdE=1021.0
fwE=2.00
20190217T123430.0001.fits
SecZ=1.16
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.1 0.0 21.8
ALT/AZ=59.3 48.2
fwAVG=1.94
sdW=398.8
fwW=1.85
sdS=875.1
fwS=1.92
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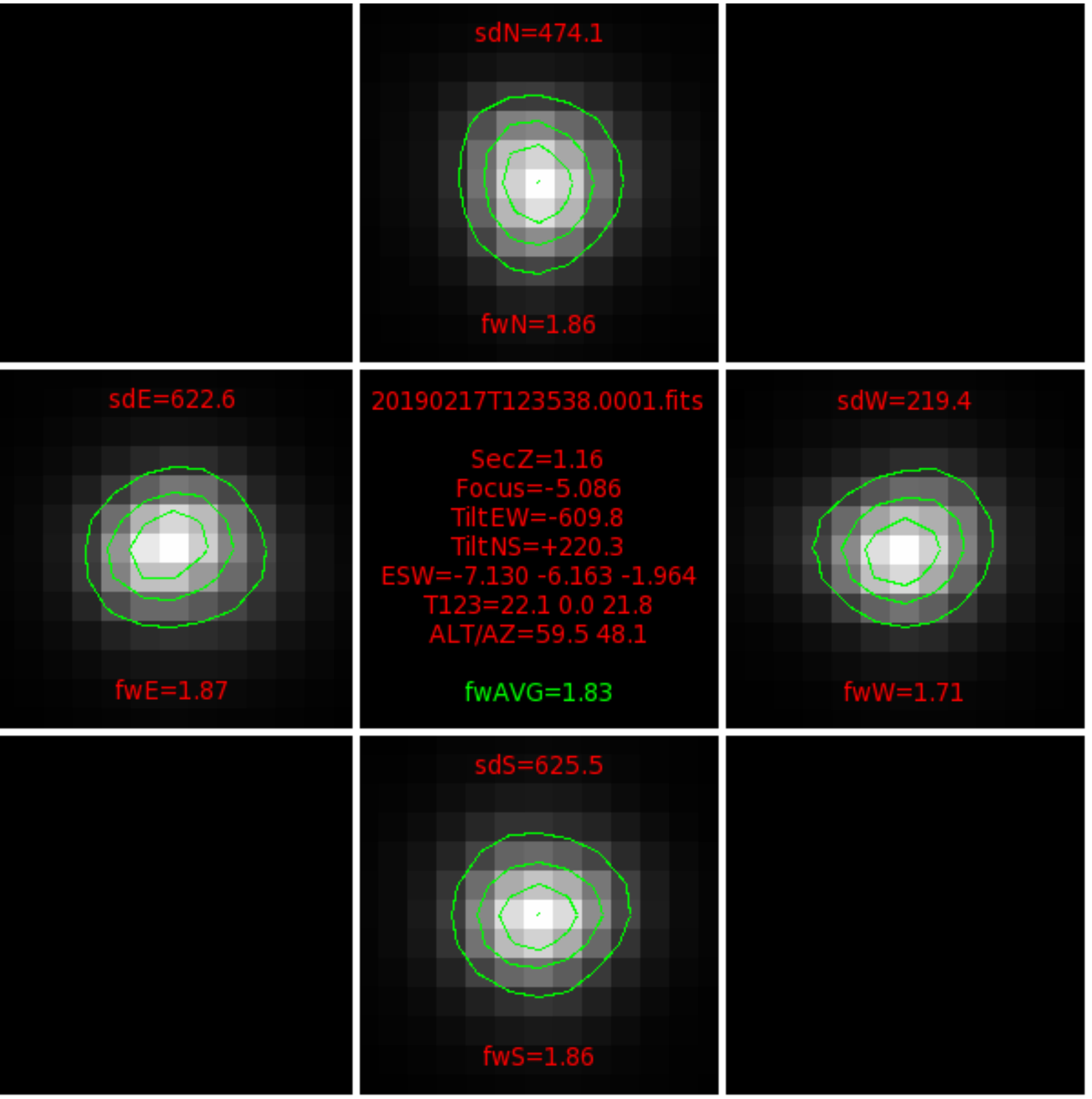
sdN=474.1
fwN=1.86
sdE=622.6
fwE=1.87
20190217T123538.0001.fits
SecZ=1.16
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.1 0.0 21.8
ALT/AZ=59.5 48.1
fwAVG=1.83
sdW=219.4
fwW=1.71
sdS=625.5
fwS=1.86
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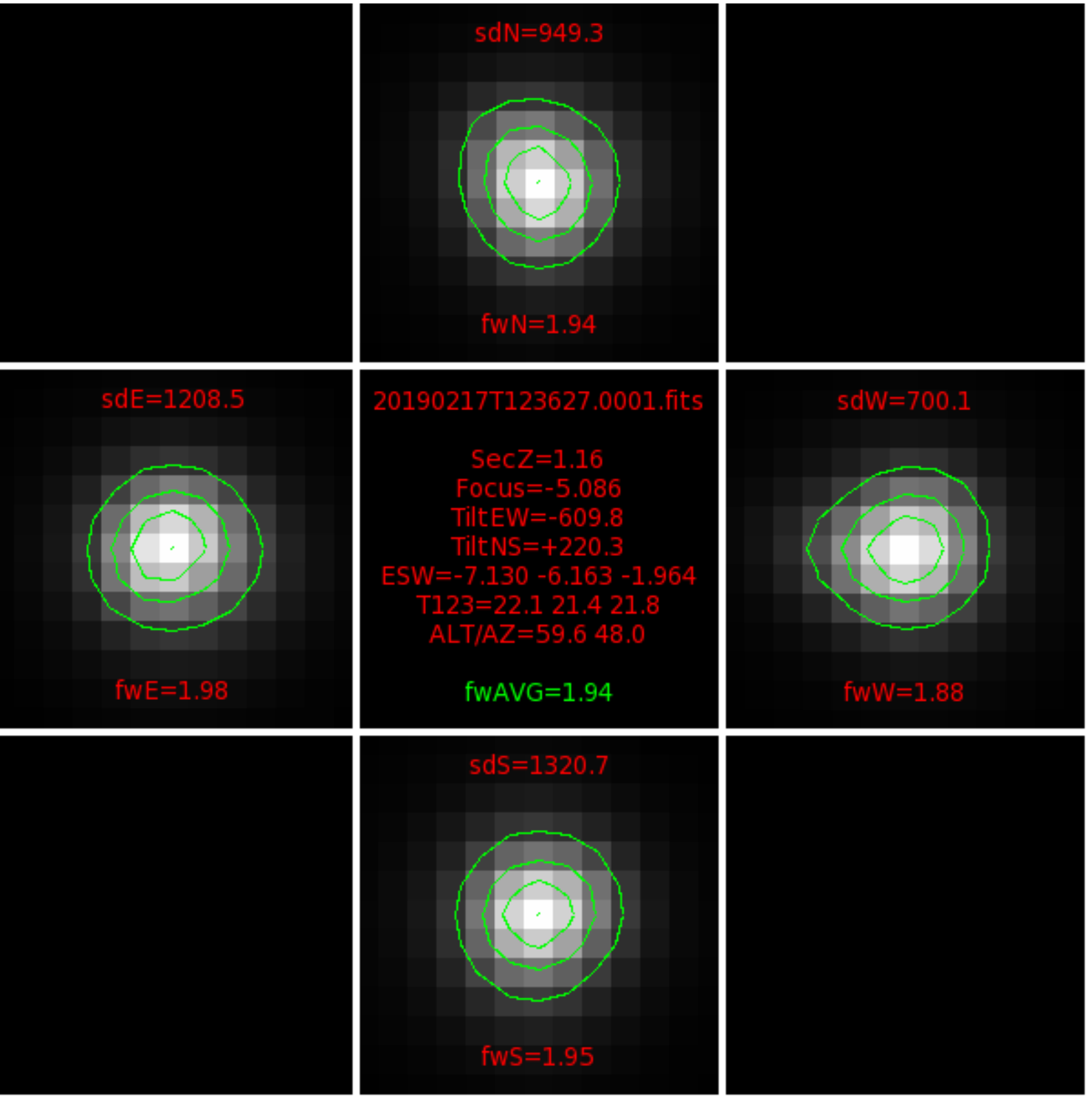
sdN=949.3
fwN=1.94
sdE=1208.5
fwE=1.98
20190217T123627.0001.fits
SecZ=1.16
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.1 21.4 21.8
ALT/AZ=59.6 48.0
fwAVG=1.94
sdW=700.1
fwW=1.88
sdS=1320.7
fwS=1.95
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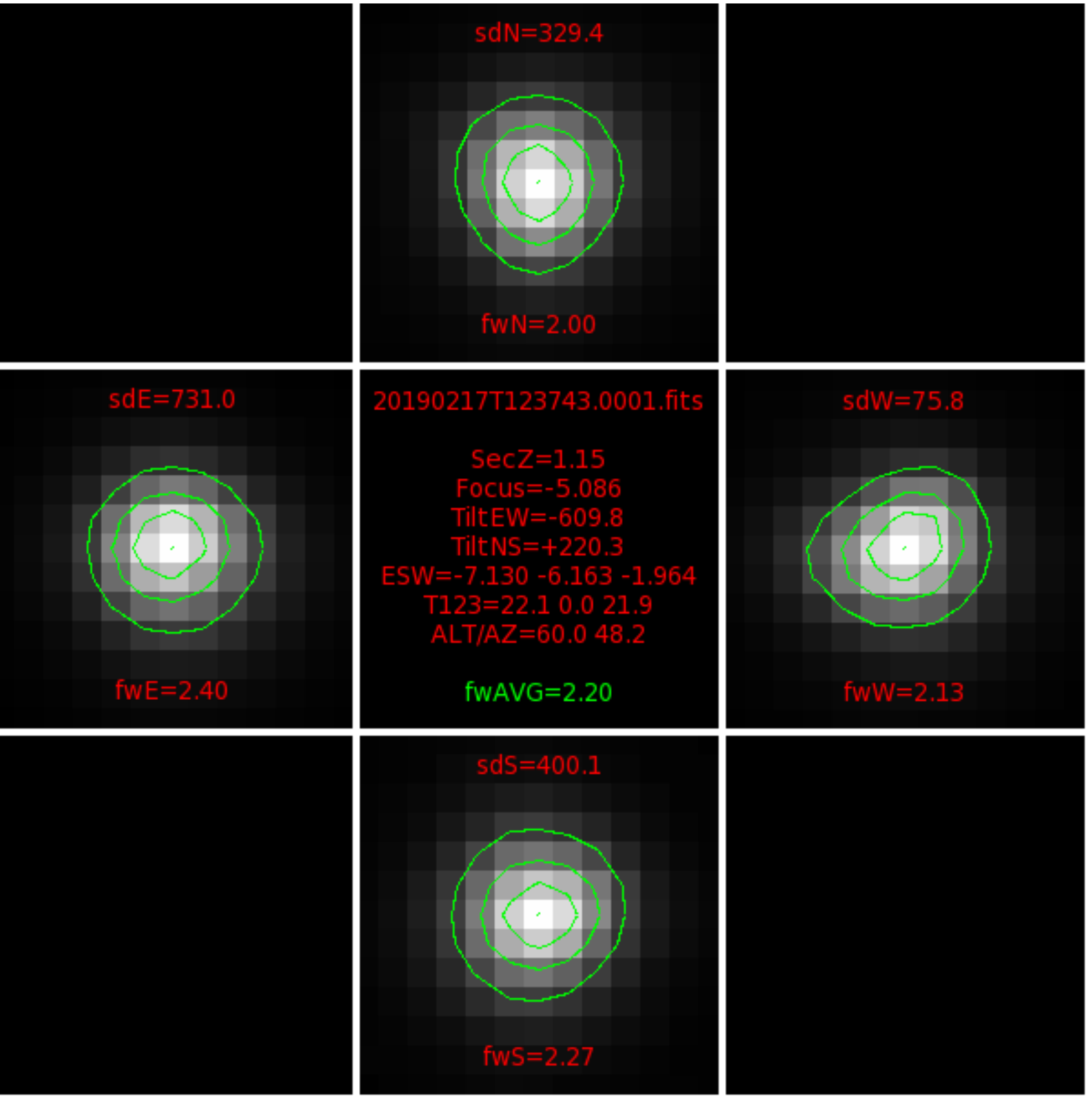
sdN=329.4
fwN=2.00
sdE=731.0
fwE=2.40
20190217T123743.0001.fits
SecZ=1.15
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.1 0.0 21.9
ALT/AZ=60.0 48.2
fwAVG=2.20
sdW=75.8
fwW=2.13
sdS=400.1
fwS=2.27
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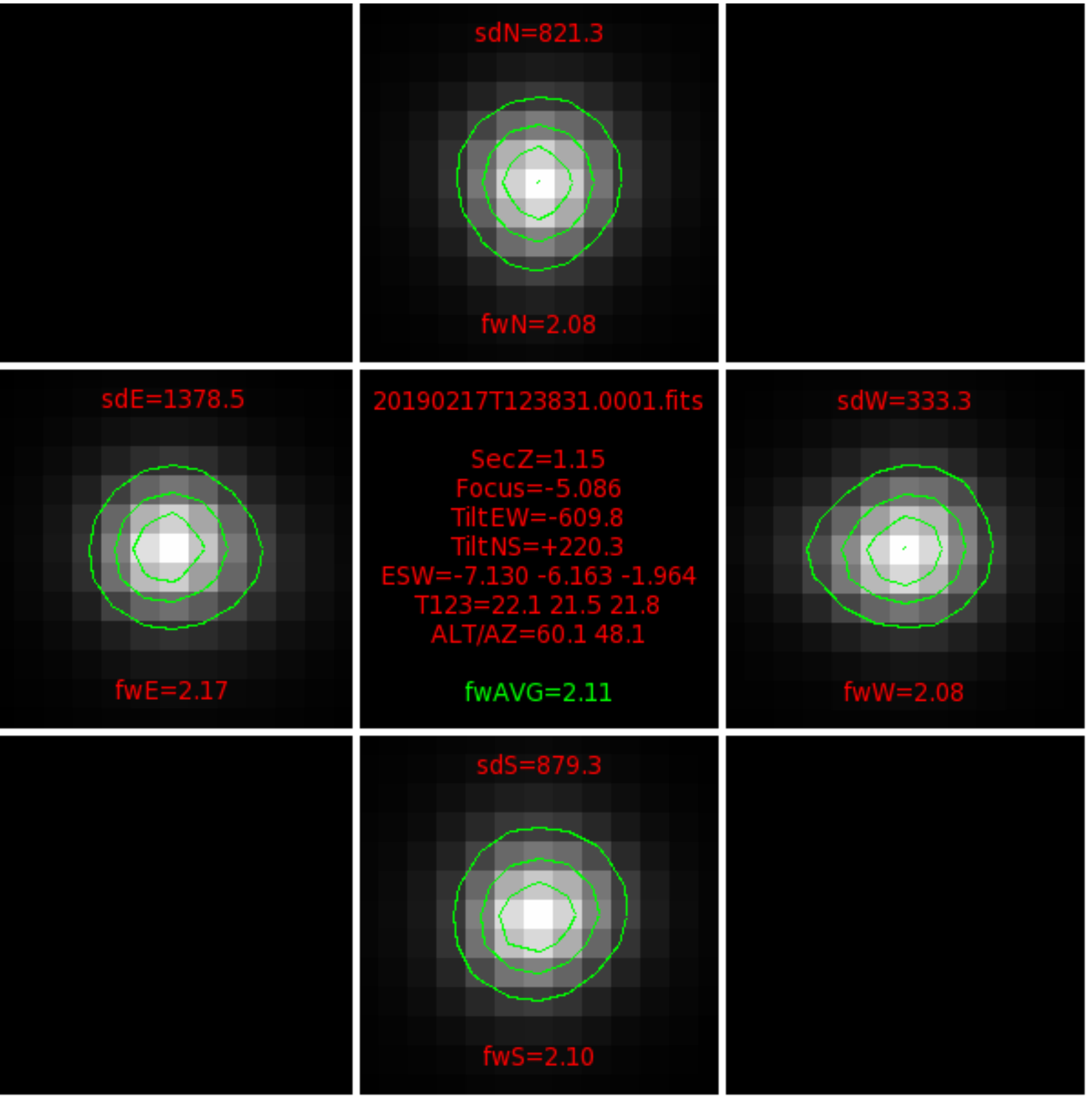
sdN=821.3
fwN=2.08
sdE=1378.5
fwE=2.17
20190217T123831.0001.fits
SecZ=1.15
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.1 21.5 21.8
ALT/AZ=60.1 48.1
fwAVG=2.11
sdW=333.3
fwW=2.08
sdS=879.3
fwS=2.10
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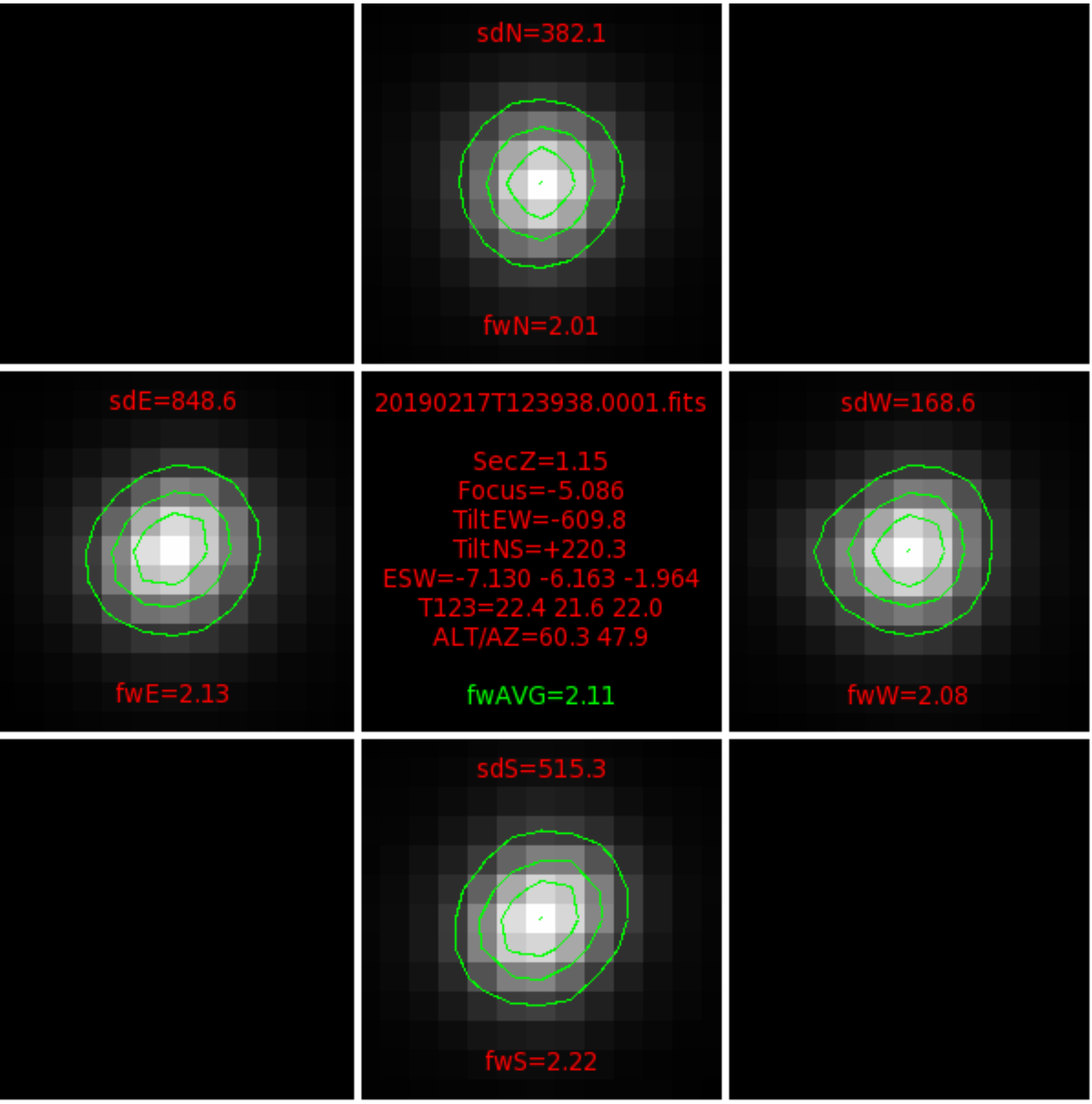
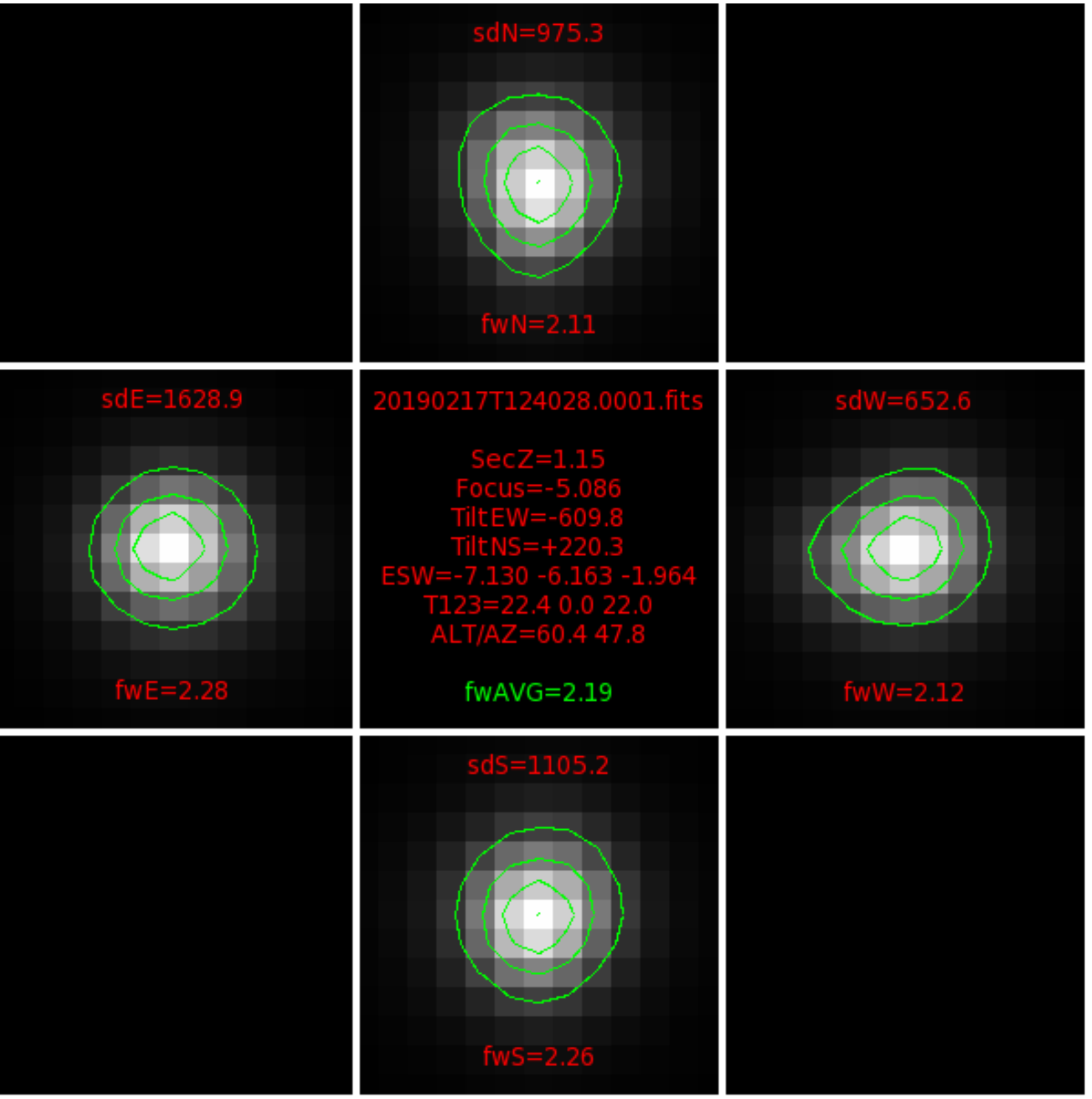

sdN=382.1
fwN=2.01
sdE=848.6
fwE=2.13
20190217T123938.0001.fits
SecZ=1.15
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.4 21.6 22.0
ALT/AZ=60.3 47.9
fwAVG=2.11
sdW=168.6
fwW=2.08
sdS=515.3
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=975.3
fwN=2.11
sdE=1628.9
fwE=2.28
20190217T124028.0001.fits
SecZ=1.15
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.4 0.0 22.0
ALT/AZ=60.4 47.8
fwAVG=2.19
sdW=652.6
fwW=2.12
sdS=1105.2
fwS=2.26
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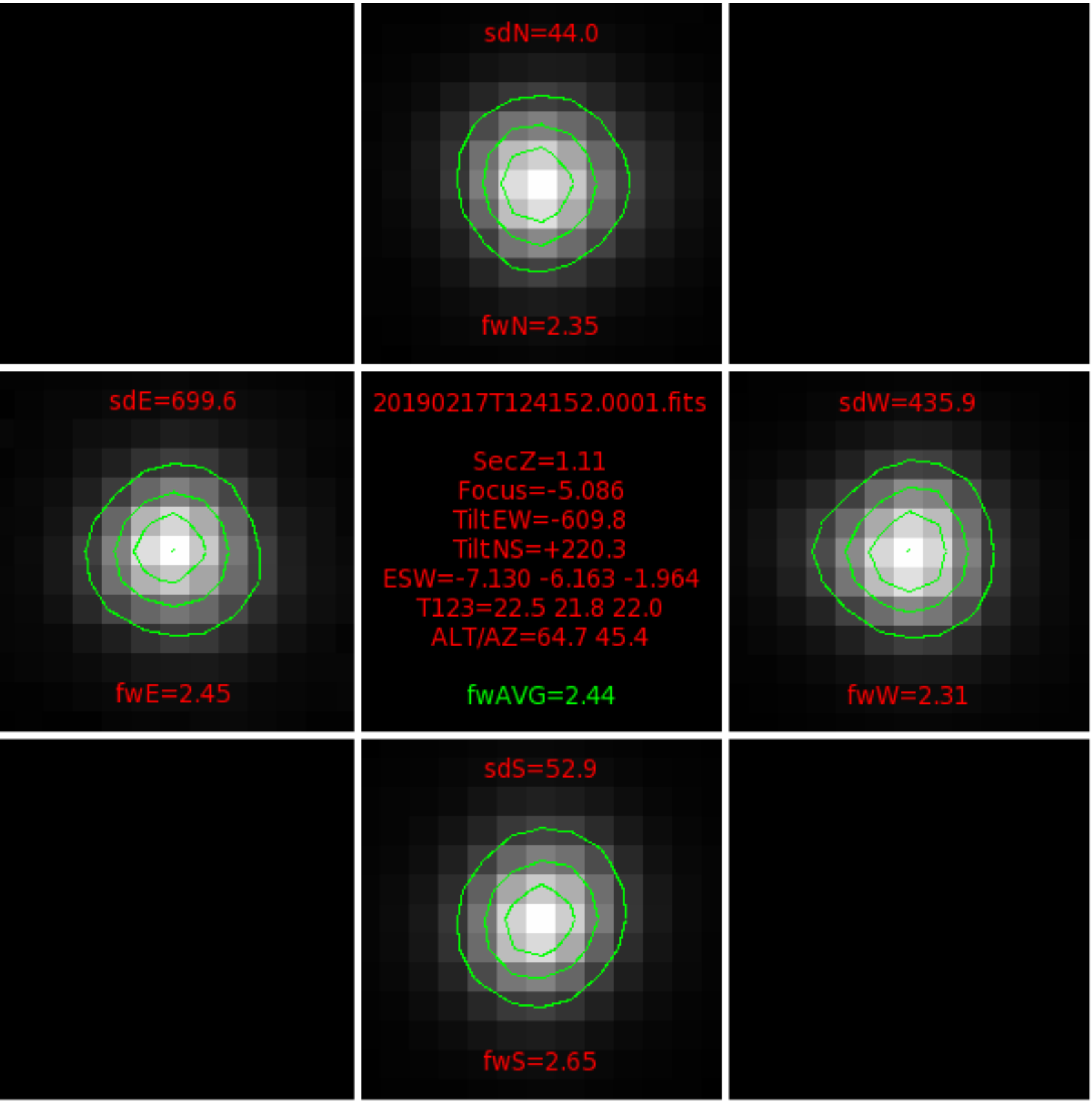
sdN=44.0
fwN=2.35
sdE=699.6
fwE=2.45
20190217T124152.0001.fits
SecZ=1.11
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.5 21.8 22.0
ALT/AZ=64.7 45.4
fwAVG=2.44
sdW=435.9
fwW=2.31
sdS=52.9
fwS=2.65
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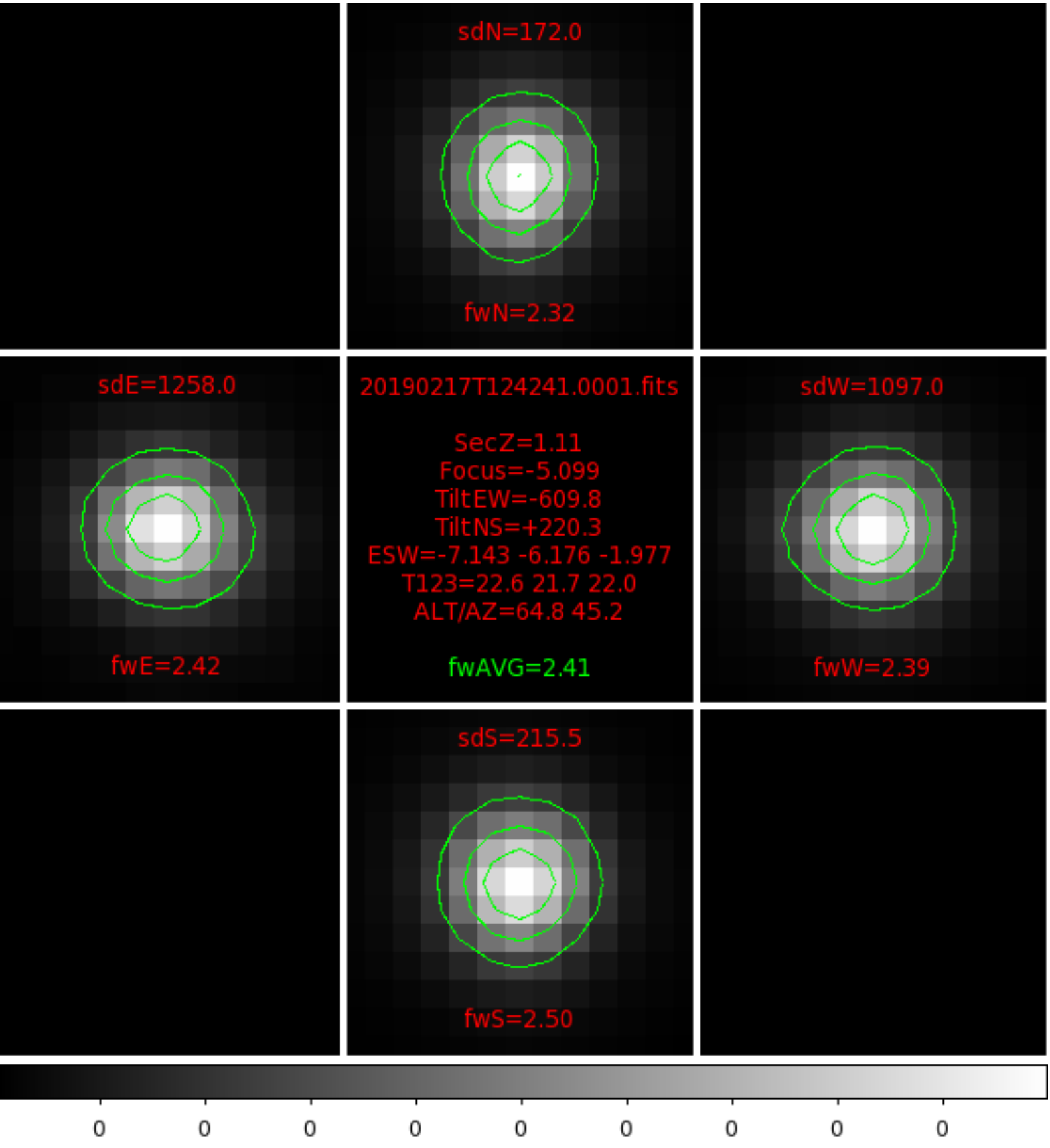
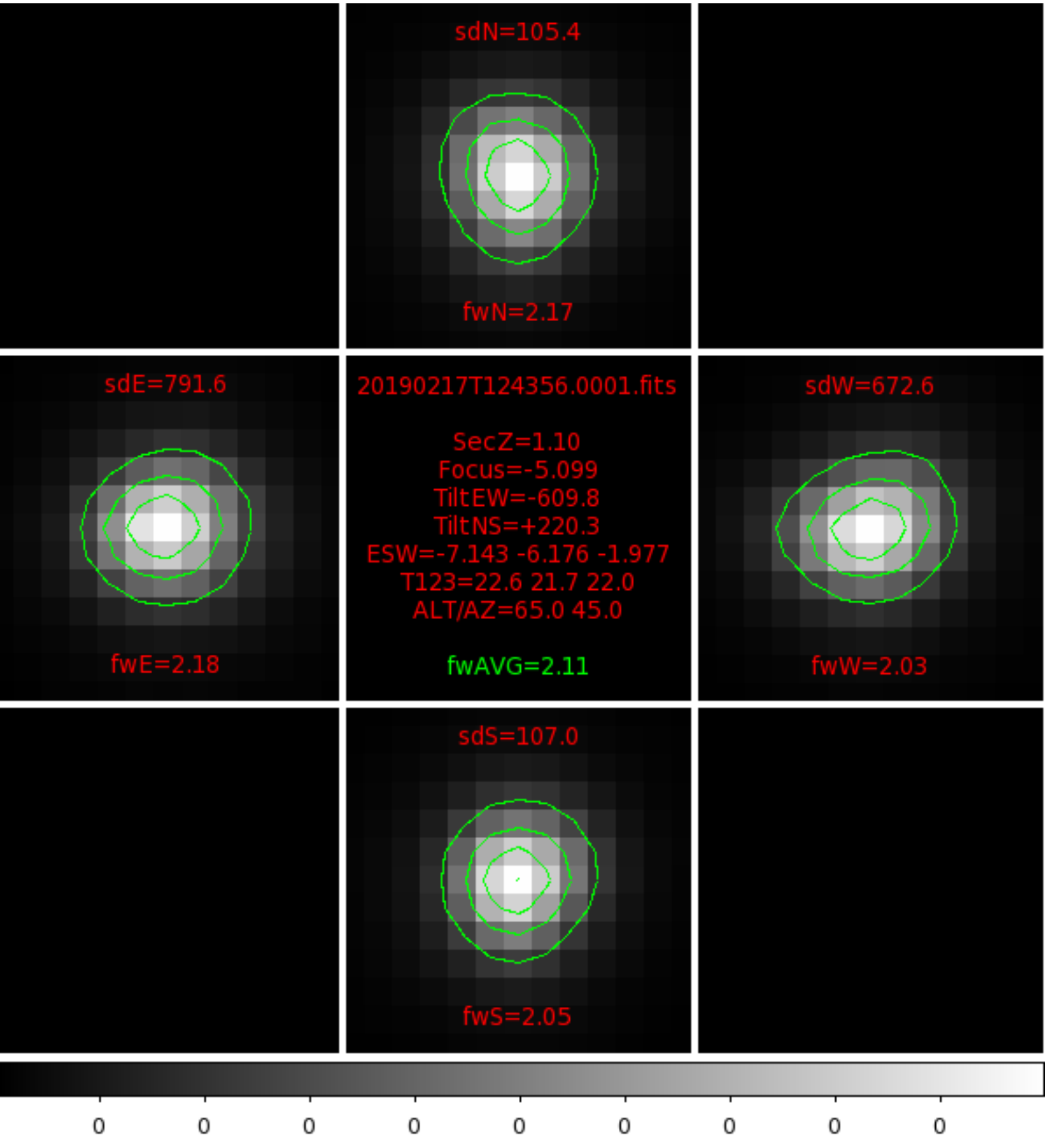
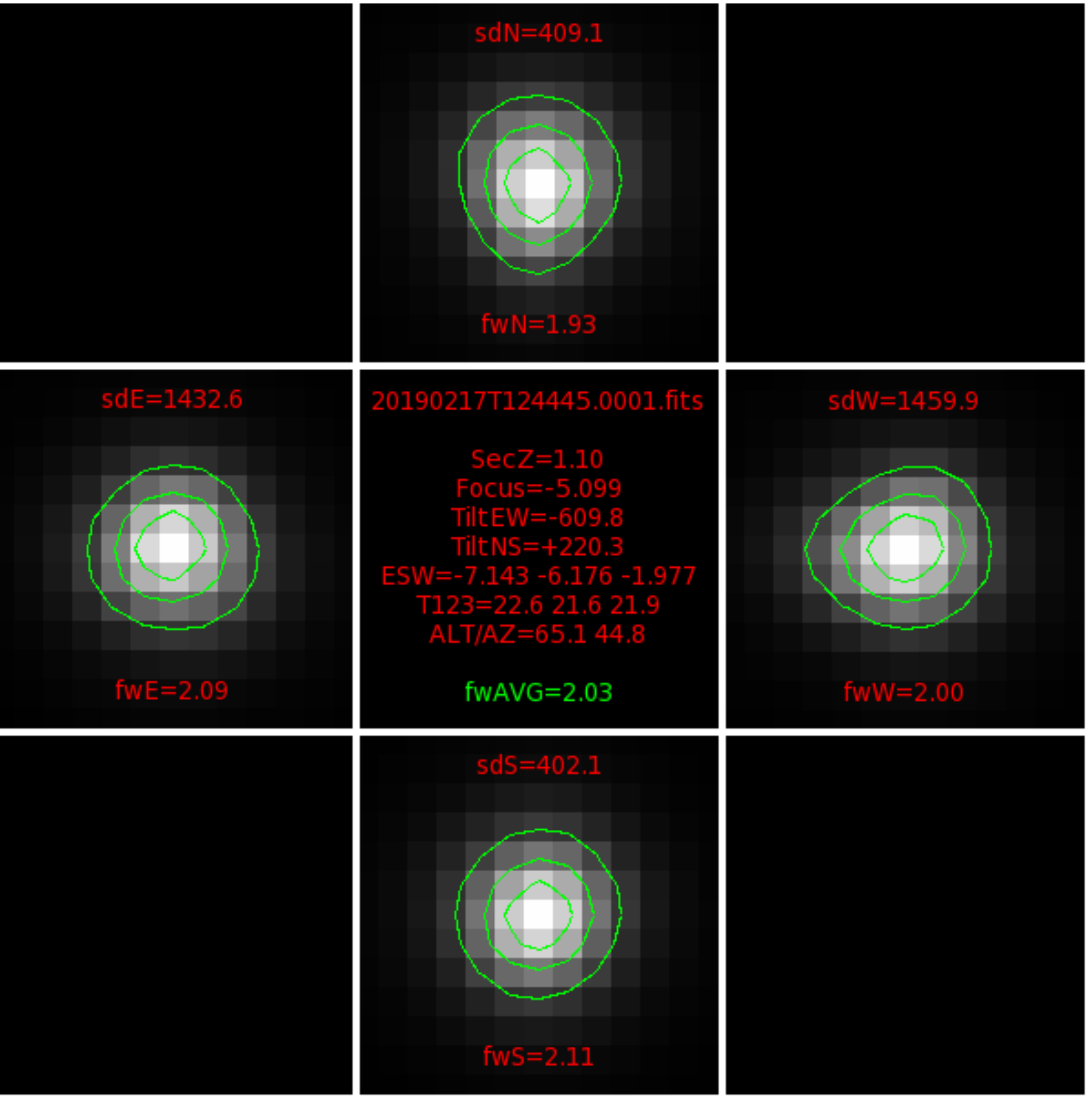
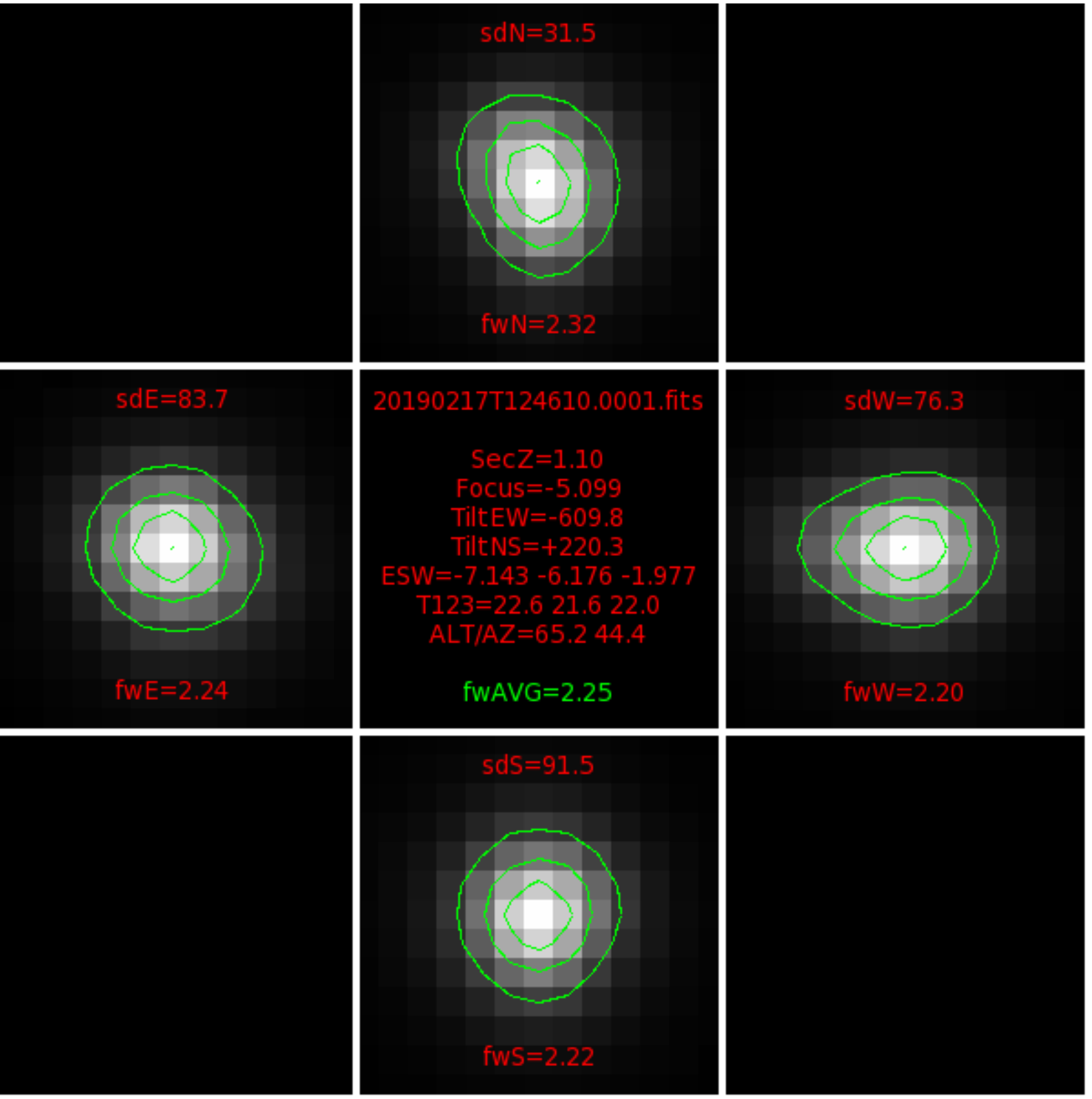
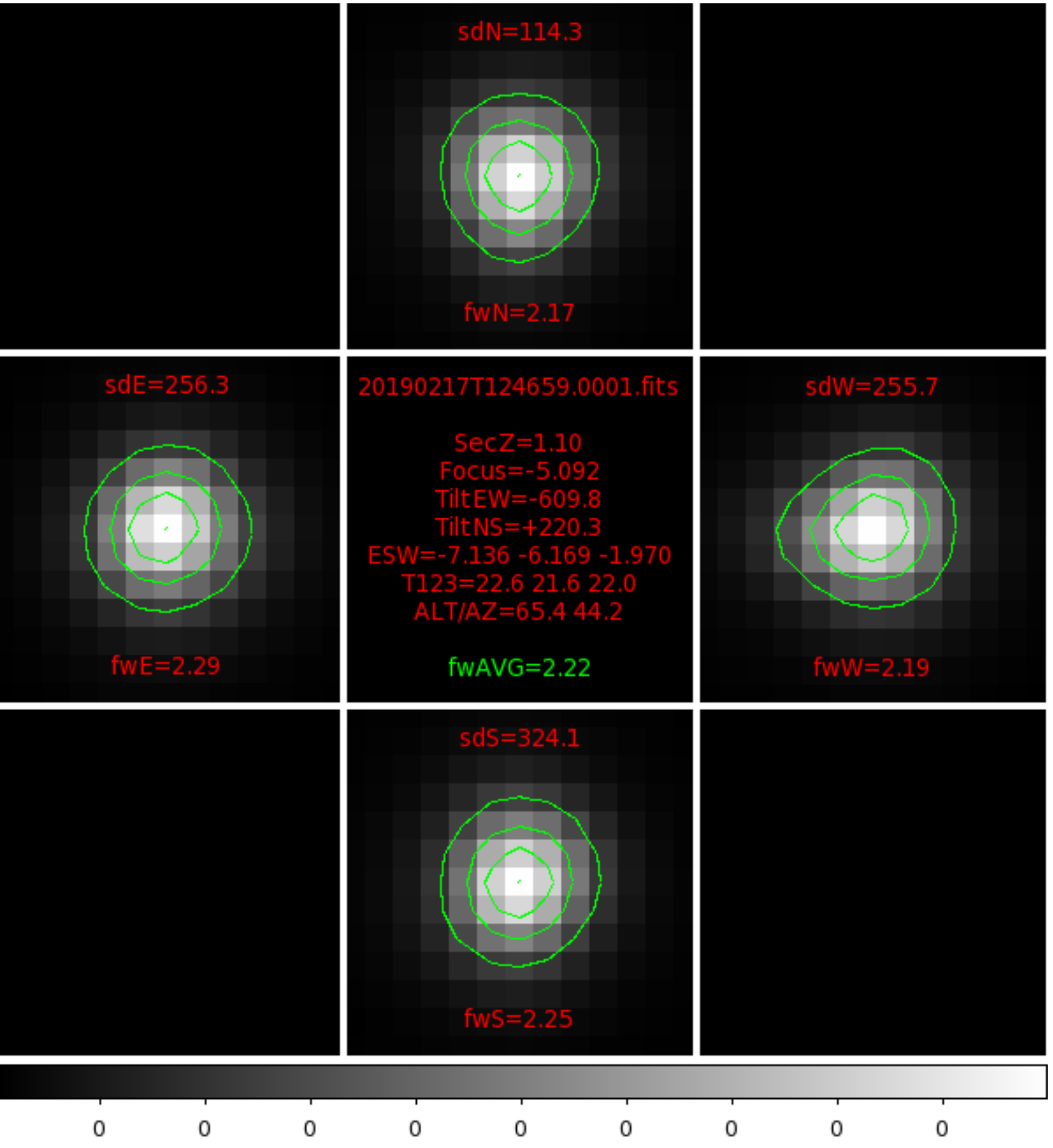
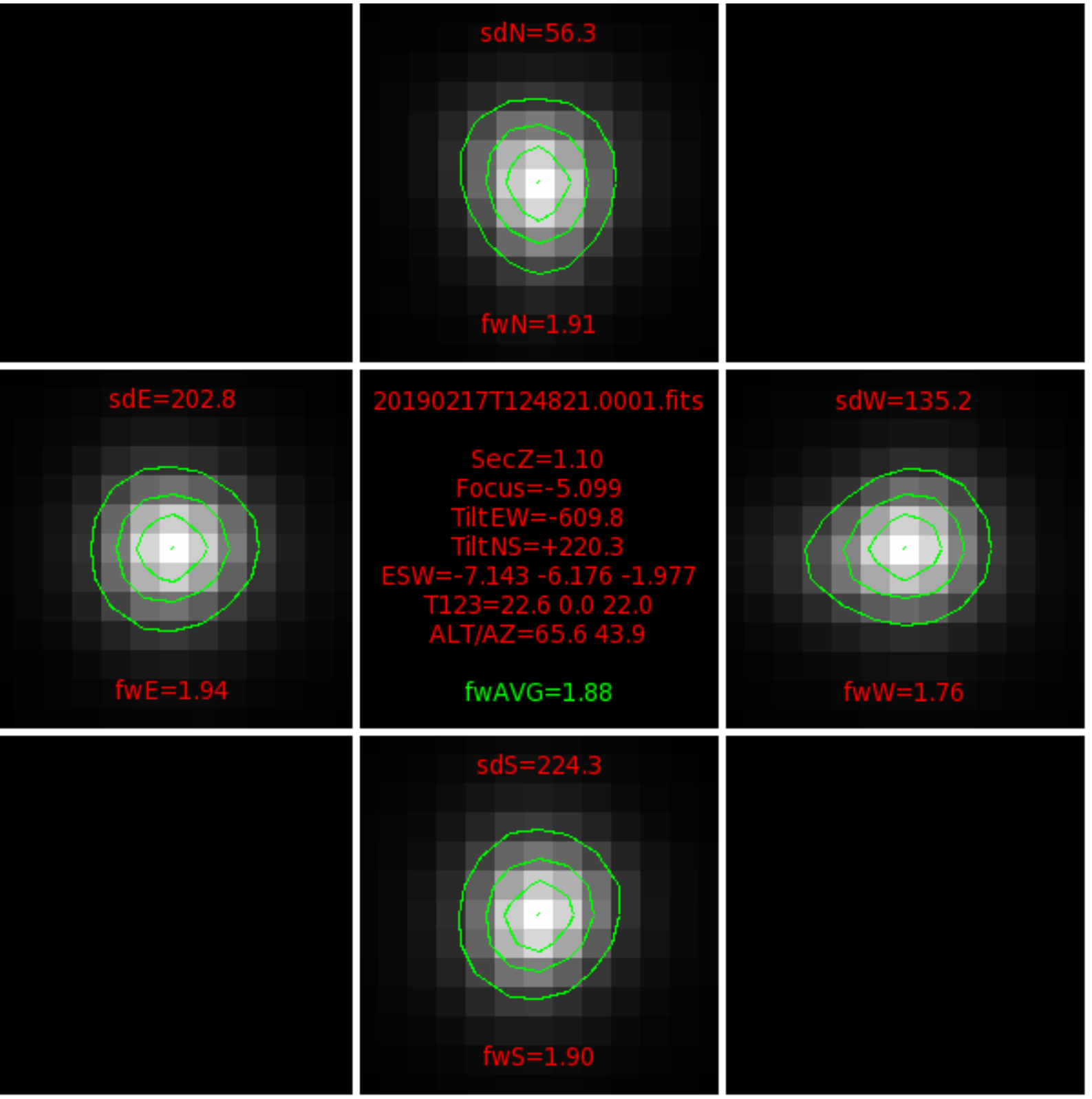

sdN=172.0
fwN=2.32
sdE=1258.0
fwE=2.42
20190217T124241.0001.fits
SecZ=1.11
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 21.7 22.0
ALT/AZ=64.8 45.2
fwAVG=2.41
sdW=1097.0
fwW=2.39
sdS=215.5
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=105.4
fwN=2.17
sdE=791.6
fwE=2.18
20190217T124356.0001.fits
SecZ=1.10
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 21.7 22.0
ALT/AZ=65.0 45.0
fwAVG=2.11
sdW=672.6
fwW=2.03
sdS=107.0
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=409.1
fwN=1.93
sdE=1432.6
fwE=2.09
20190217T124445.0001.fits
SecZ=1.10
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 21.6 21.9
ALT/AZ=65.1 44.8
fwAVG=2.03
sdW=1459.9
fwW=2.00
sdS=402.1
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=31.5
fwN=2.32
sdE=83.7
fwE=2.24
20190217T124610.0001.fits
SecZ=1.10
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 21.6 22.0
ALT/AZ=65.2 44.4
fwAVG=2.25
sdW=76.3
fwW=2.20
sdS=91.5
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=114.3
fwN=2.17
sdE=256.3
fwE=2.29
20190217T124659.0001.fits
SecZ=1.10
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.6 21.6 22.0
ALT/AZ=65.4 44.2
fwAVG=2.22
sdW=255.7
fwW=2.19
sdS=324.1
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=56.3
fwN=1.91
sdE=202.8
fwE=1.94
20190217T124821.0001.fits
SecZ=1.10
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 0.0 22.0
ALT/AZ=65.6 43.9
fwAVG=1.88
sdW=135.2
fwW=1.76
sdS=224.3
fwS=1.90
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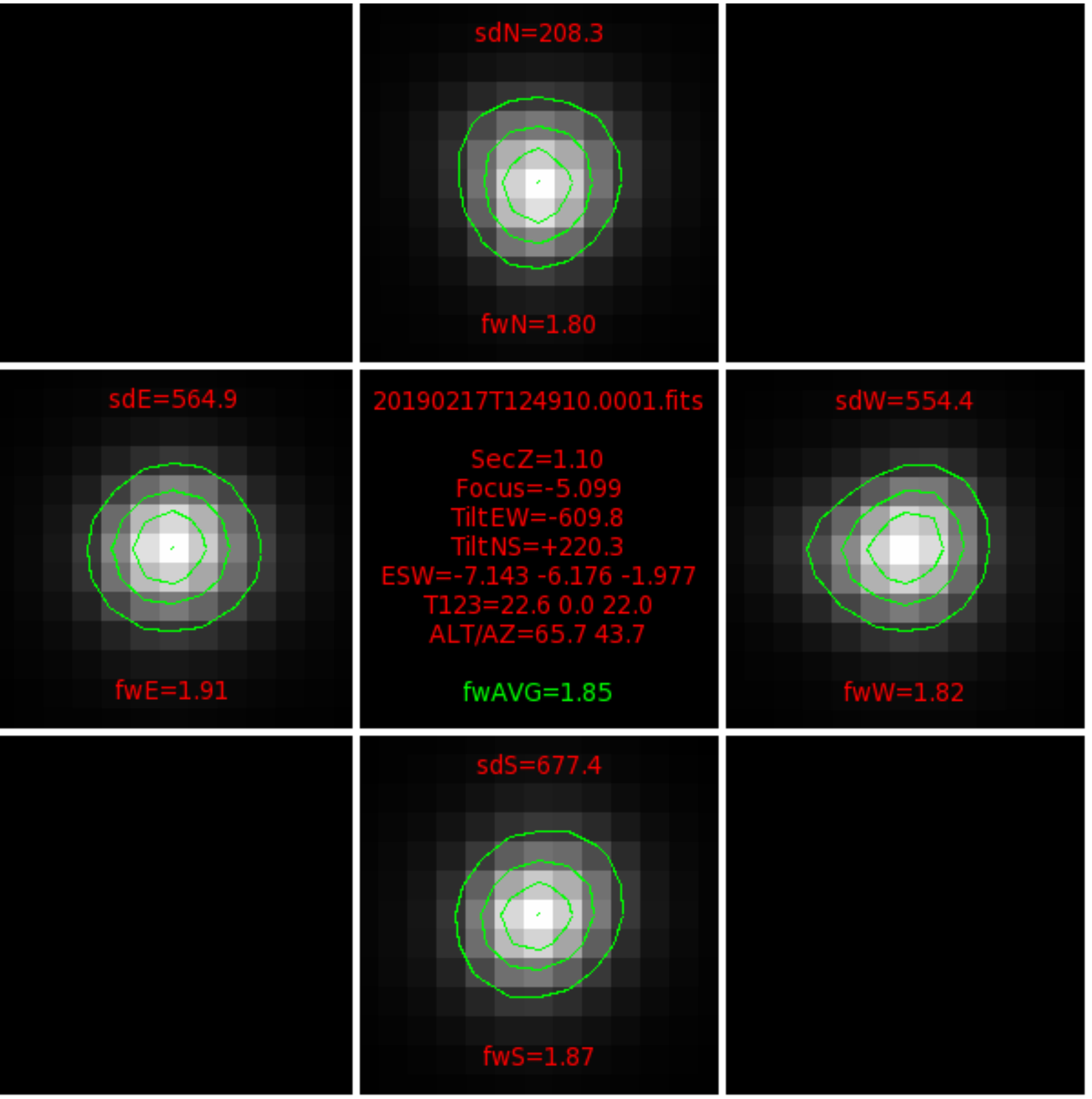
sdN=208.3
fwN=1.80
sdE=564.9
fwE=1.91
20190217T124910.0001.fits
SecZ=1.10
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 0.0 22.0
ALT/AZ=65.7 43.7
fwAVG=1.85
sdW=554.4
fwW=1.82
sdS=677.4
fwS=1.87
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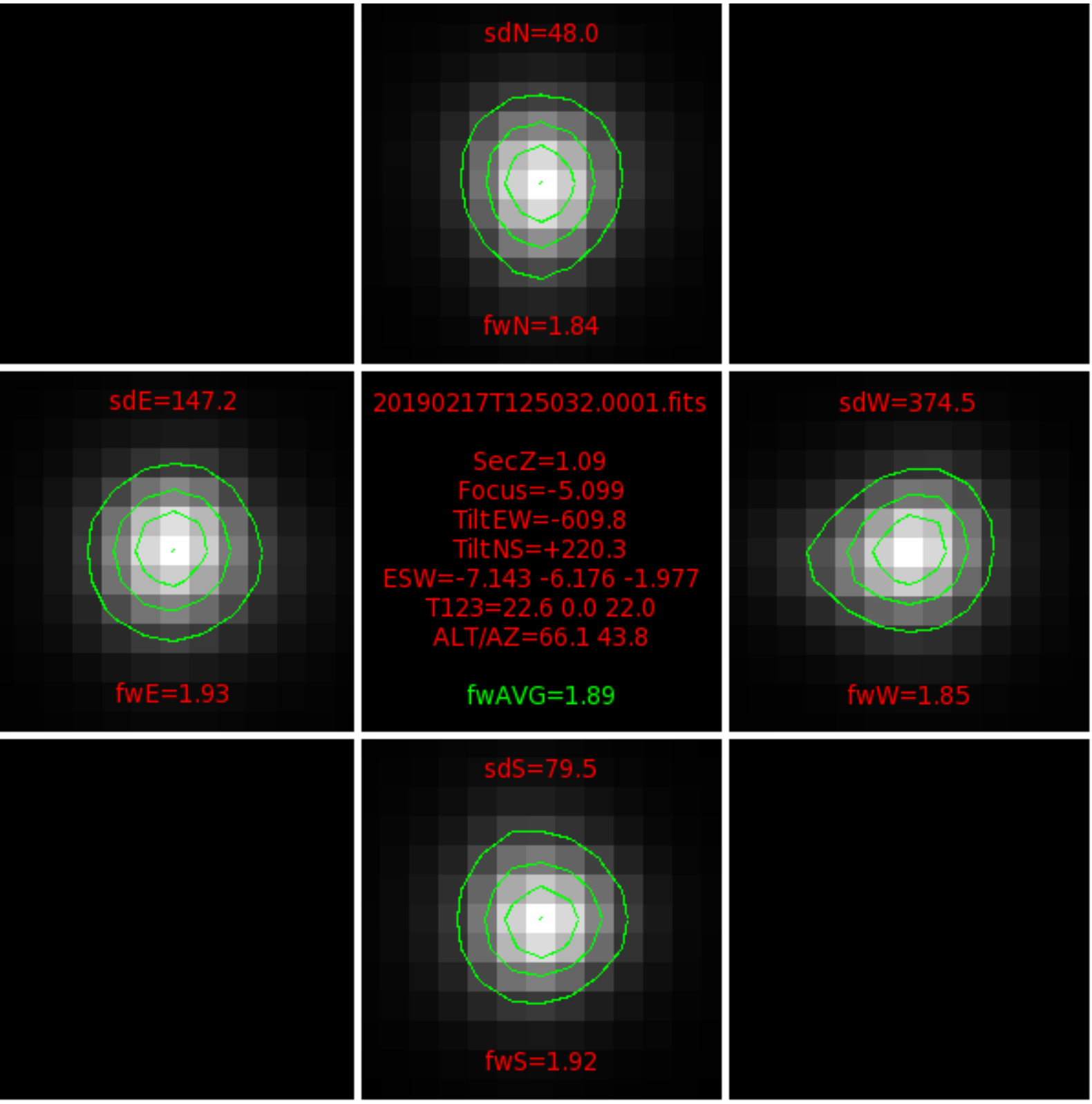
sdN=48.0
fwN=1.84
sdE=147.2
fwE=1.93
20190217T125032.0001.fits
SecZ=1.09
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 0.0 22.0
ALT/AZ=66.1 43.8
fwAVG=1.89
sdW=374.5
fwW=1.85
sdS=79.5
fwS=1.92
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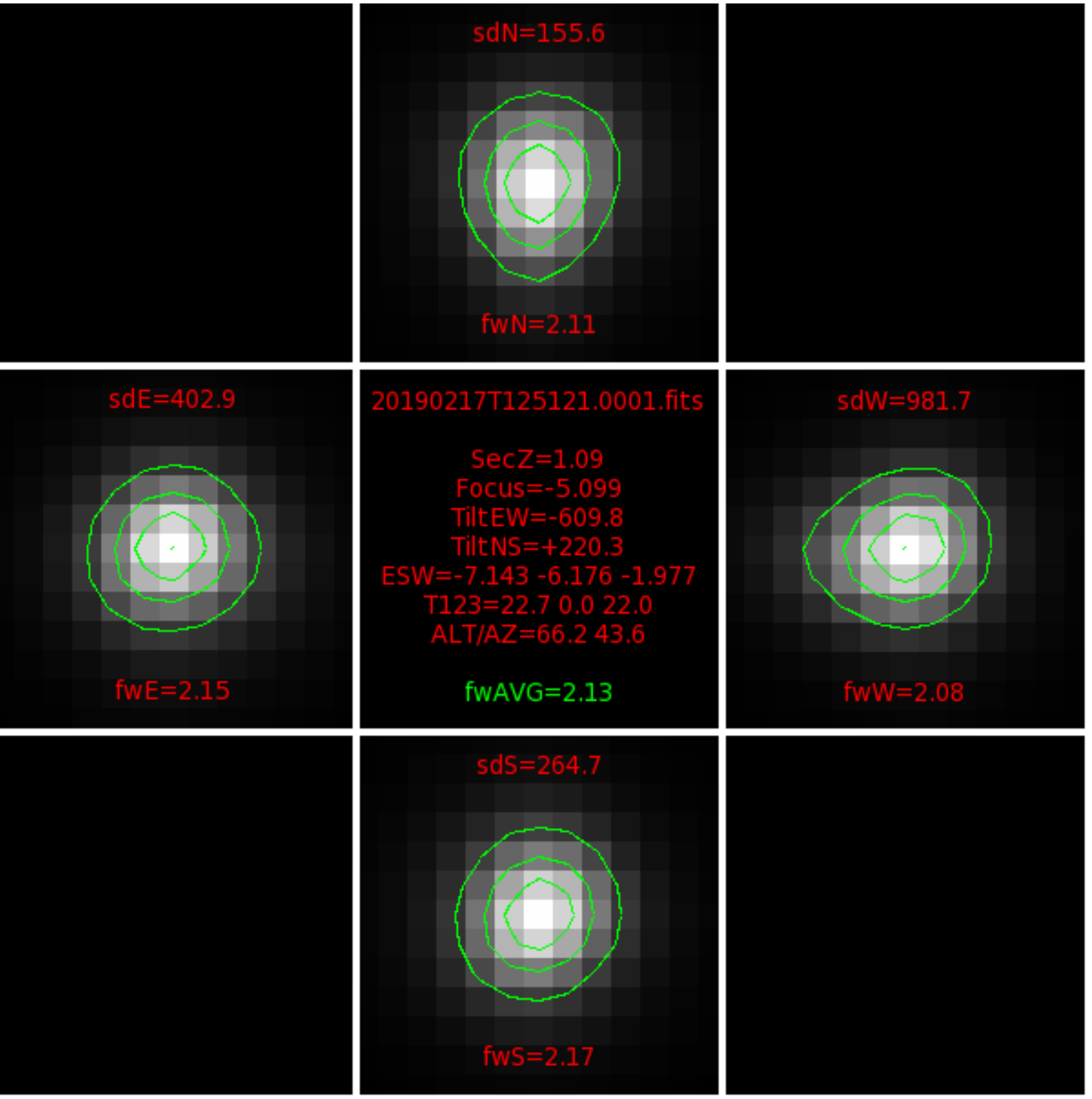
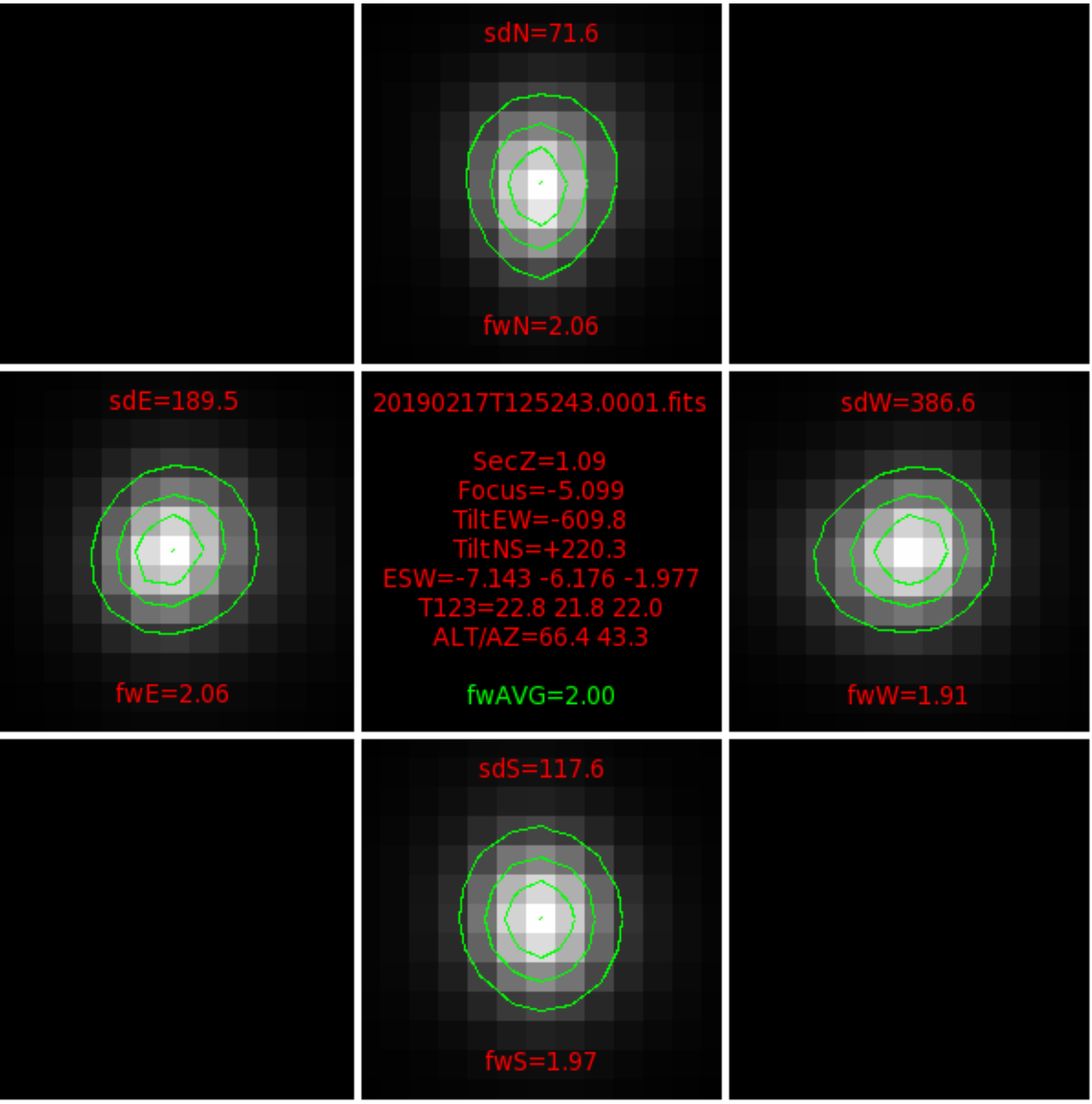
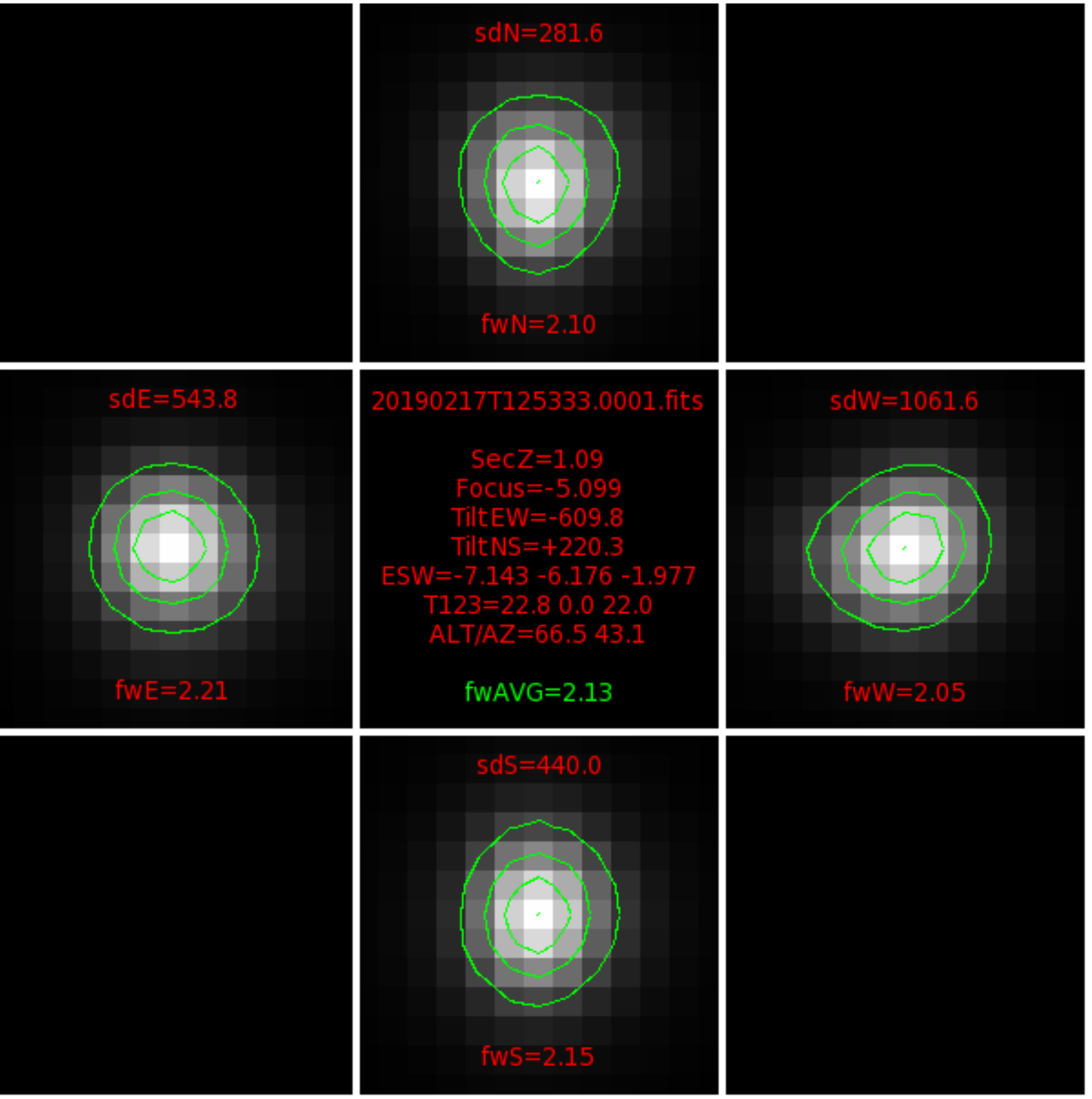
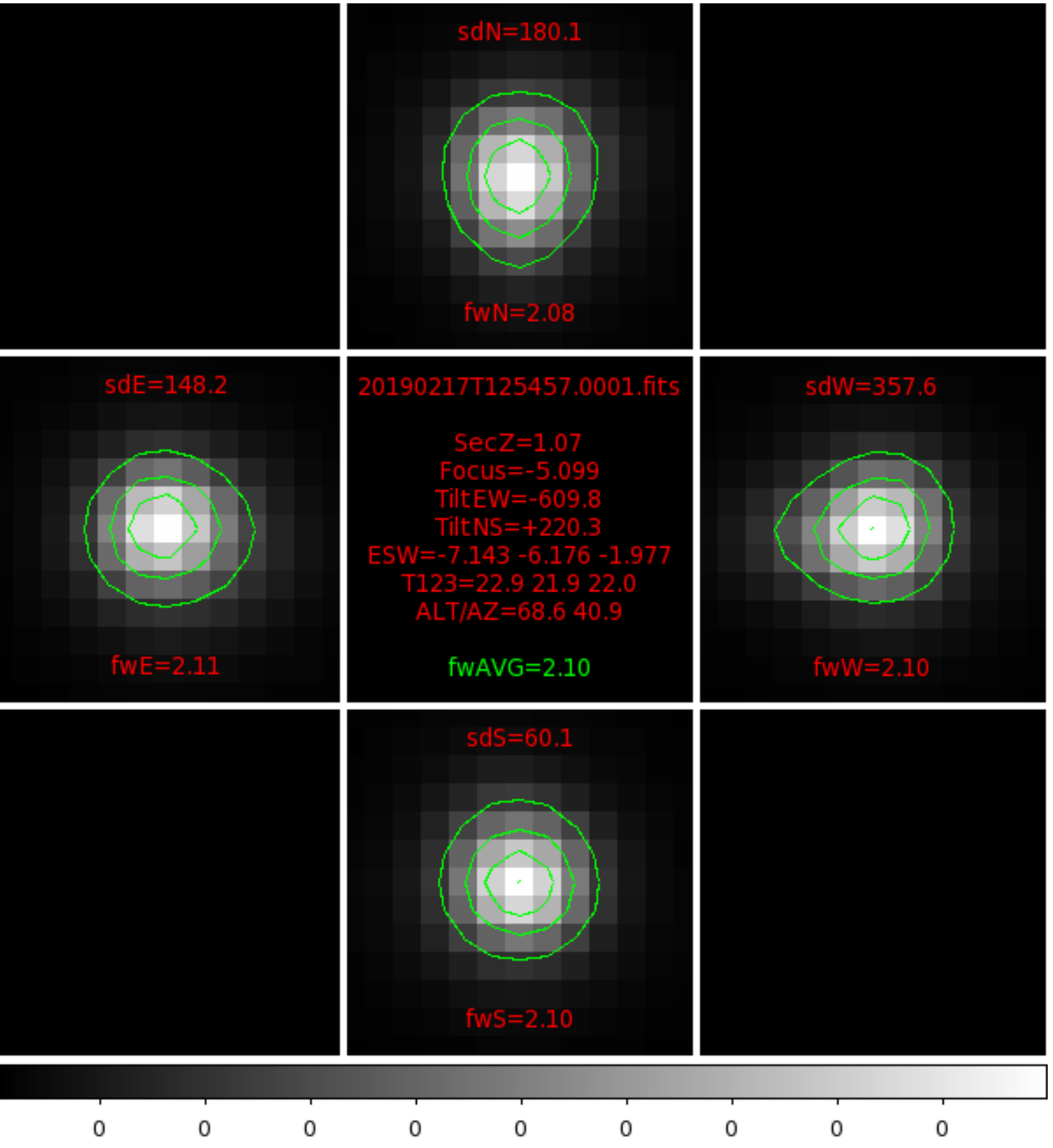
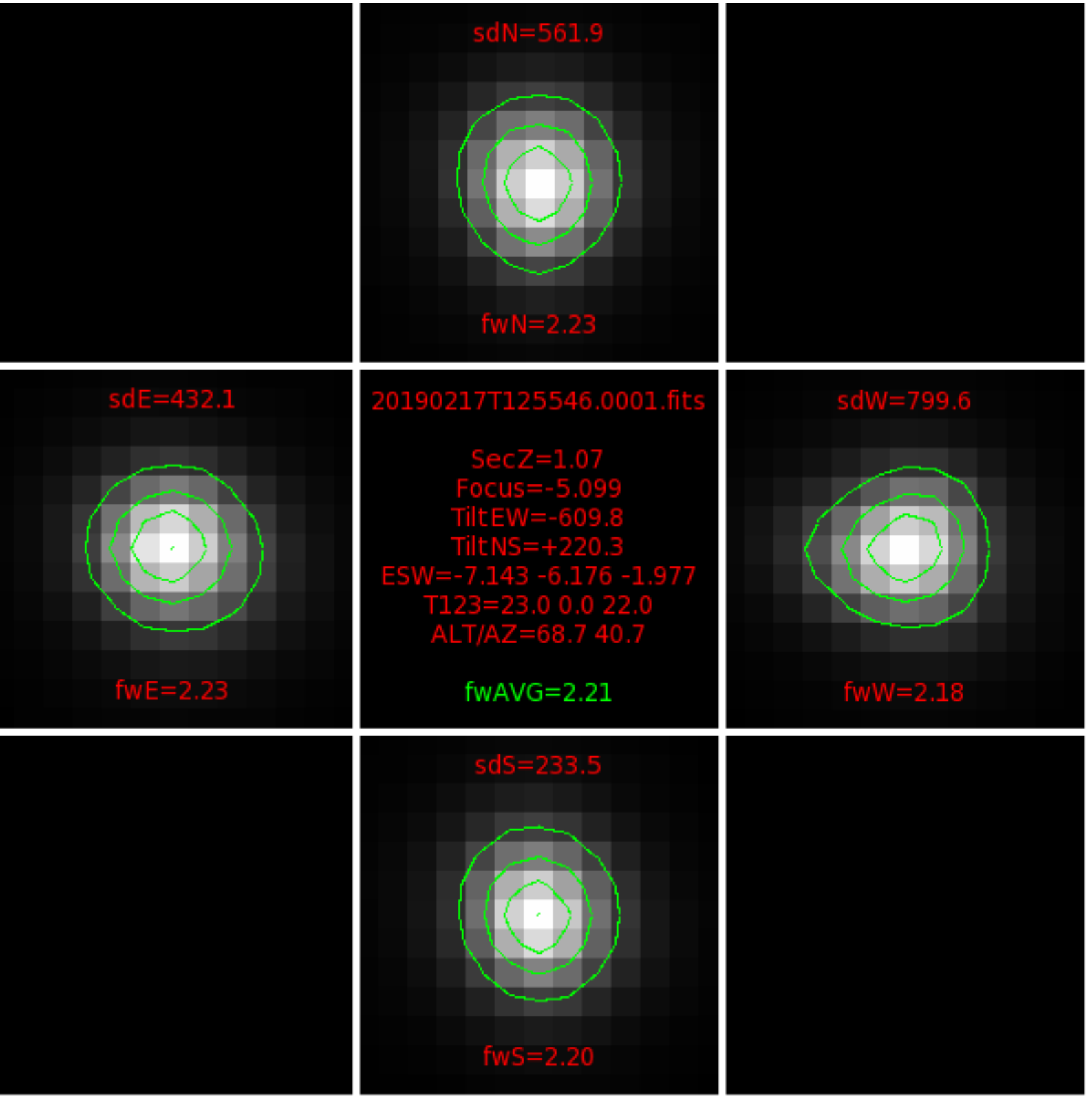
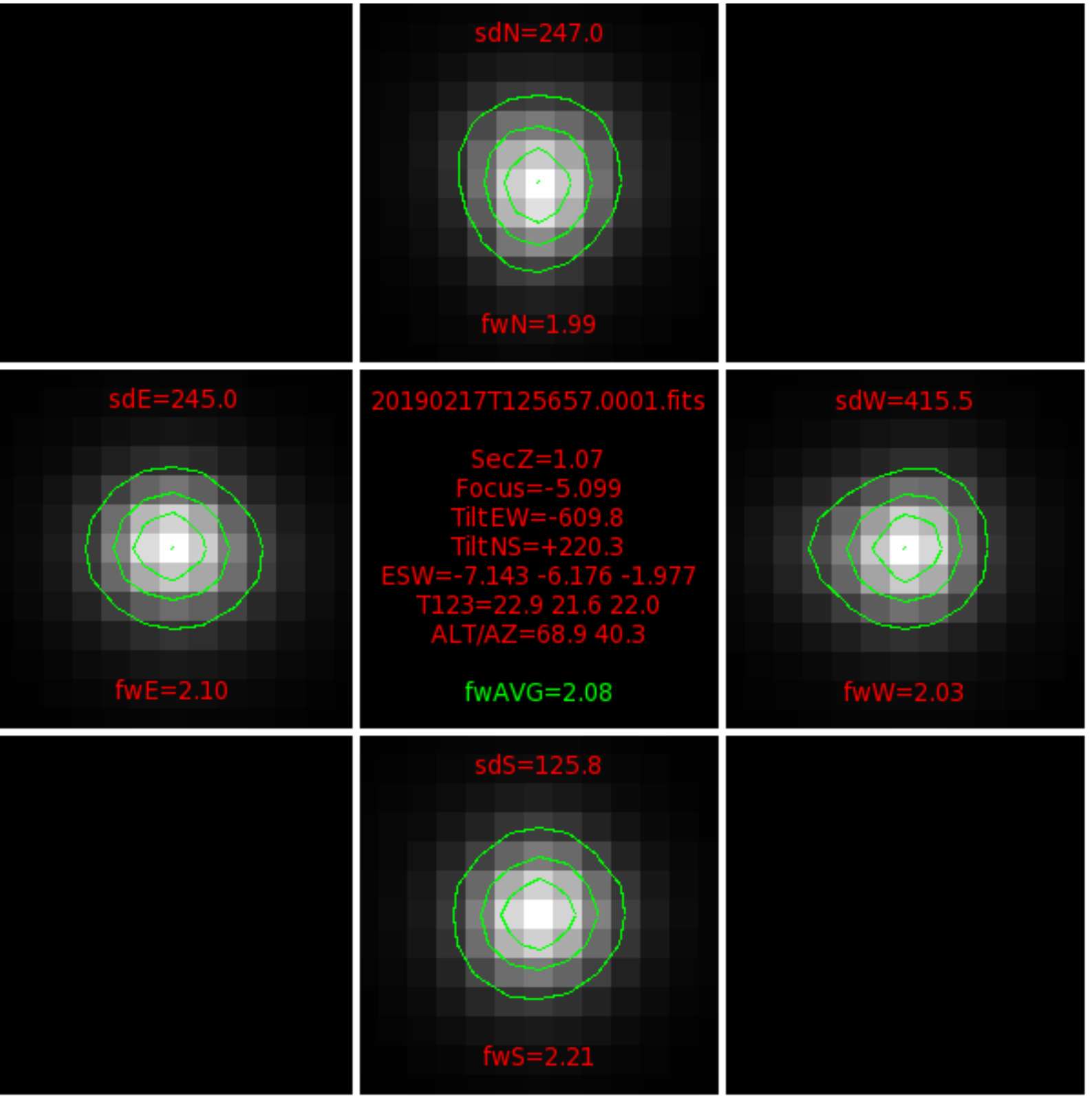

sdN=155.6
fwN=2.11
sdE=402.9
fwE=2.15
20190217T125121.0001.fits
SecZ=1.09
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.7 0.0 22.0
ALT/AZ=66.2 43.6
fwAVG=2.13
sdW=981.7
fwW=2.08
sdS=264.7
fwS=2.17
0 0 0 0 0 0 0 0 0

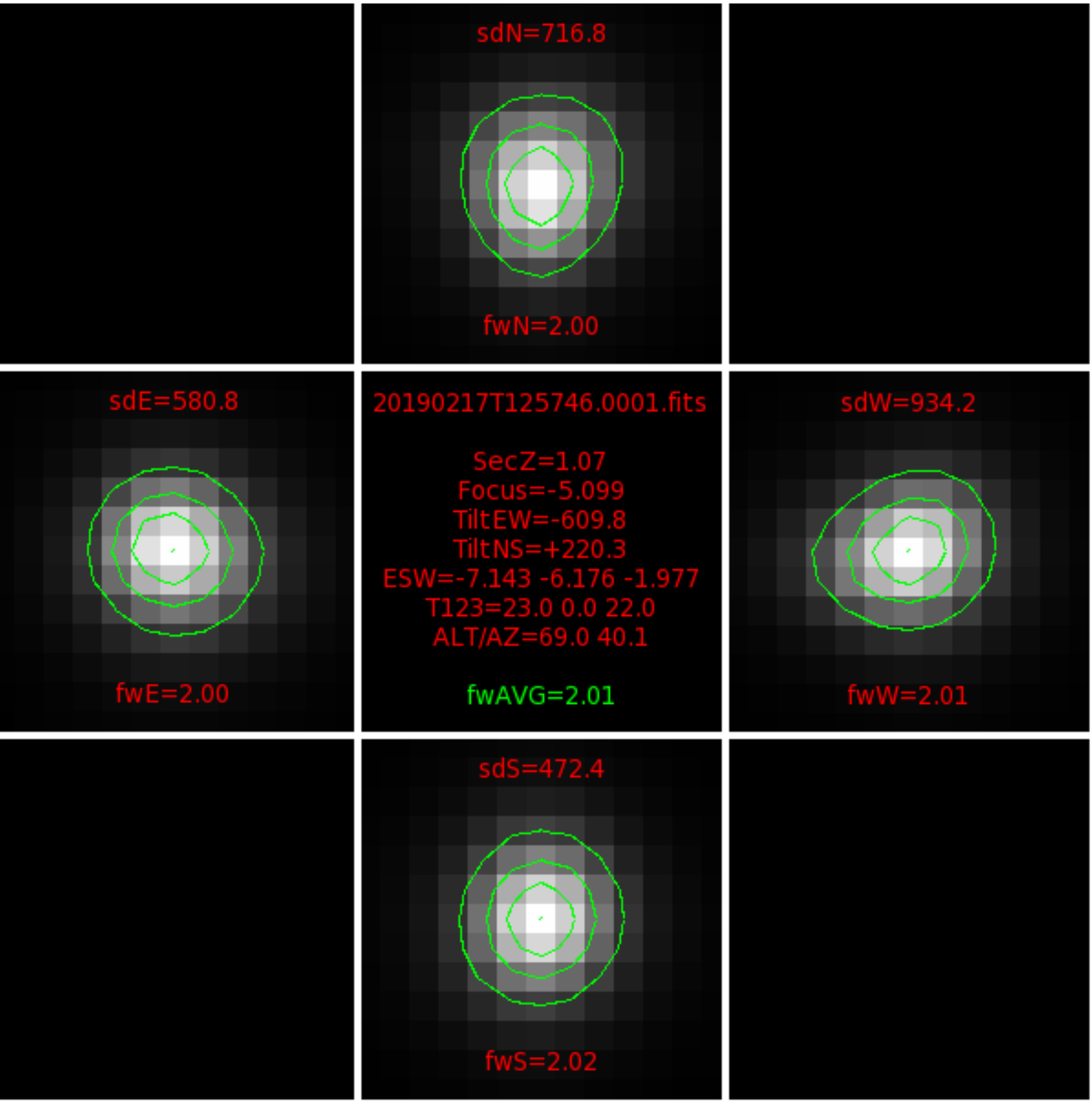

sdN=71.6
fwN=2.06
sdE=189.5
fwE=2.06
20190217T125243.0001.fits
SecZ=1.09
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.8 21.8 22.0
ALT/AZ=66.4 43.3
fwAVG=2.00
sdW=386.6
fwW=1.91
sdS=117.6
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=281.6
fwN=2.10
sdE=543.8
fwE=2.21
20190217T125333.0001.fits
SecZ=1.09
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.8 0.0 22.0
ALT/AZ=66.5 43.1
fwAVG=2.13
sdW=1061.6
fwW=2.05
sdS=440.0
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=180.1
fwN=2.08
sdE=148.2
fwE=2.11
20190217T125457.0001.fits
SecZ=1.07
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.9 21.9 22.0
ALT/AZ=68.6 40.9
fwAVG=2.10
sdW=357.6
fwW=2.10
sdS=60.1
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=561.9
fwN=2.23
sdE=432.1
fwE=2.23
20190217T125546.0001.fits
SecZ=1.07
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=23.0 0.0 22.0
ALT/AZ=68.7 40.7
fwAVG=2.21
sdW=799.6
fwW=2.18
sdS=233.5
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=247.0
fwN=1.99
sdE=245.0
fwE=2.10
20190217T125657.0001.fits
SecZ=1.07
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.9 21.6 22.0
ALT/AZ=68.9 40.3
fwAVG=2.08
sdW=415.5
fwW=2.03
sdS=125.8
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=716.8
fwN=2.00
sdE=580.8
fwE=2.00
20190217T125746.0001.fits
SecZ=1.07
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=23.0 0.0 22.0
ALT/AZ=69.0 40.1
fwAVG=2.01
sdW=934.2
fwW=2.01
sdS=472.4
fwS=2.02
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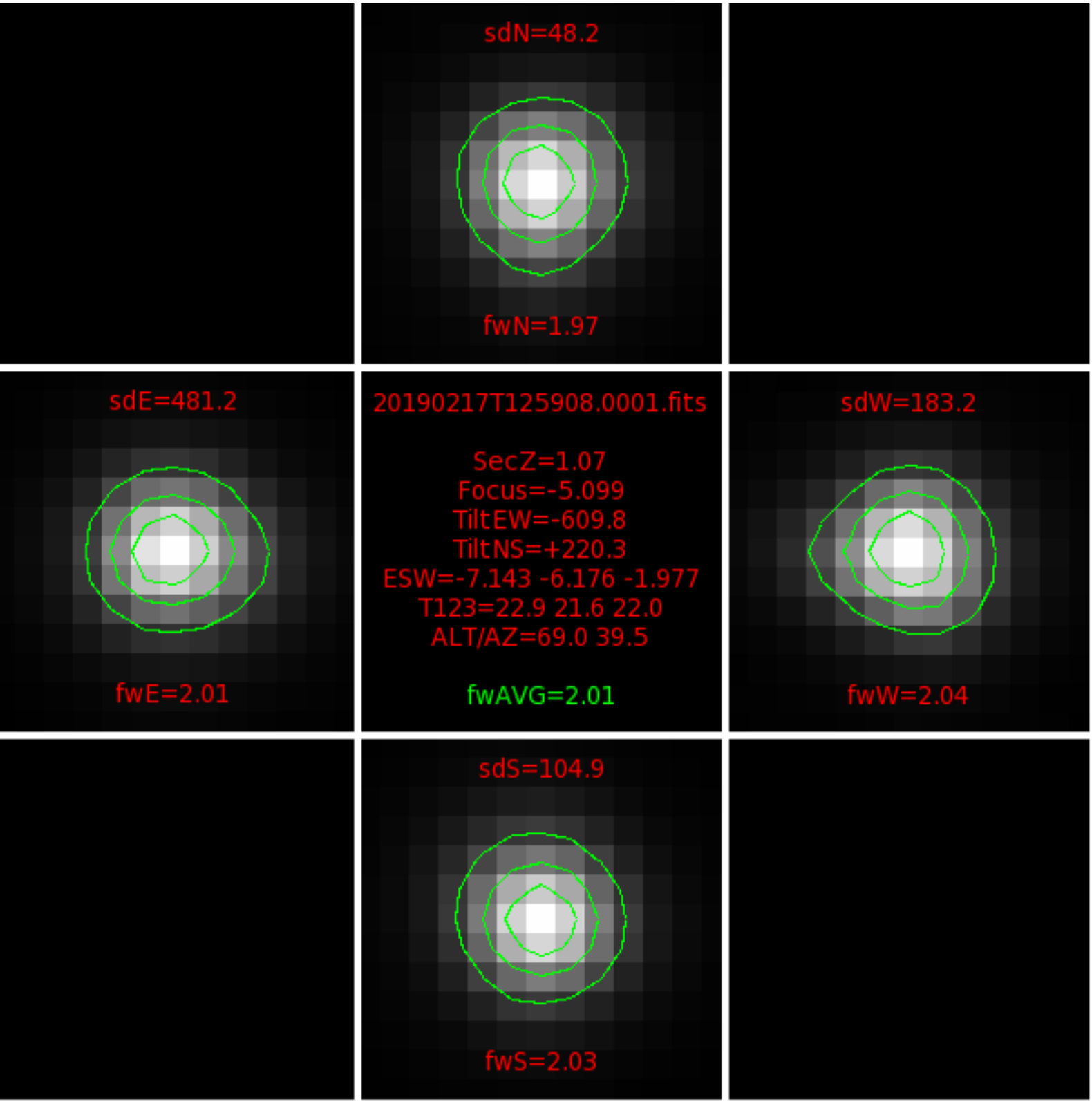
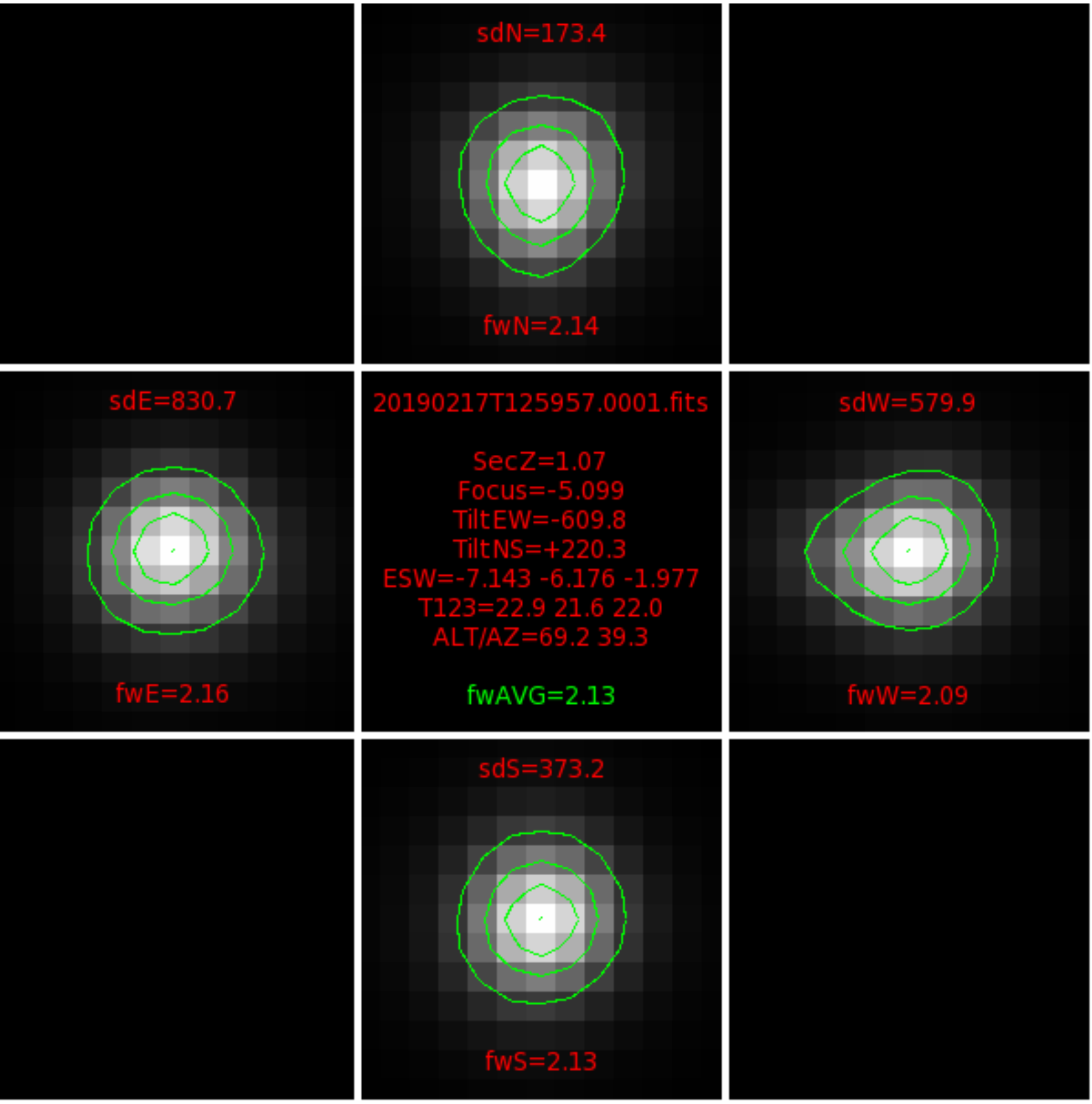

sdN=48.2
fwN=1.97
sdE=481.2
fwE=2.01
20190217T125908.0001.fits
SecZ=1.07
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.9 21.6 22.0
ALT/AZ=69.0 39.5
fwAVG=2.01
sdW=183.2
fwW=2.04
sdS=104.9
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=173.4
fwN=2.14
sdE=830.7
fwE=2.16
20190217T125957.0001.fits
SecZ=1.07
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.9 21.6 22.0
ALT/AZ=69.2 39.3
fwAVG=2.13
sdW=579.9
fwW=2.09
sdS=373.2
fwS=2.13
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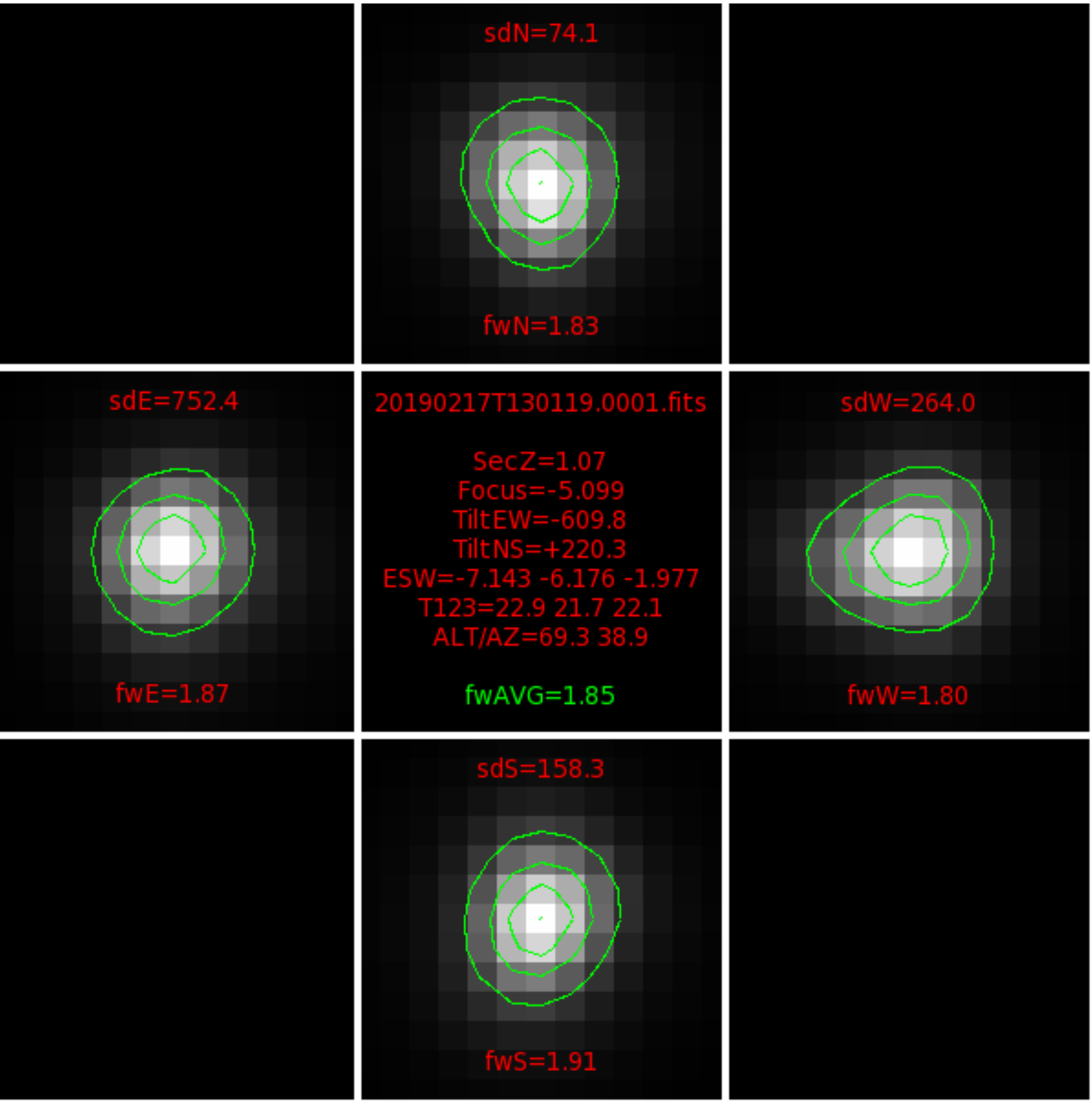
sdN=74.1
fwN=1.83
sdE=752.4
fwE=1.87
20190217T130119.0001.fits
SecZ=1.07
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.9 21.7 22.1
ALT/AZ=69.3 38.9
fwAVG=1.85
sdW=264.0
fwW=1.80
sdS=158.3
fwS=1.91
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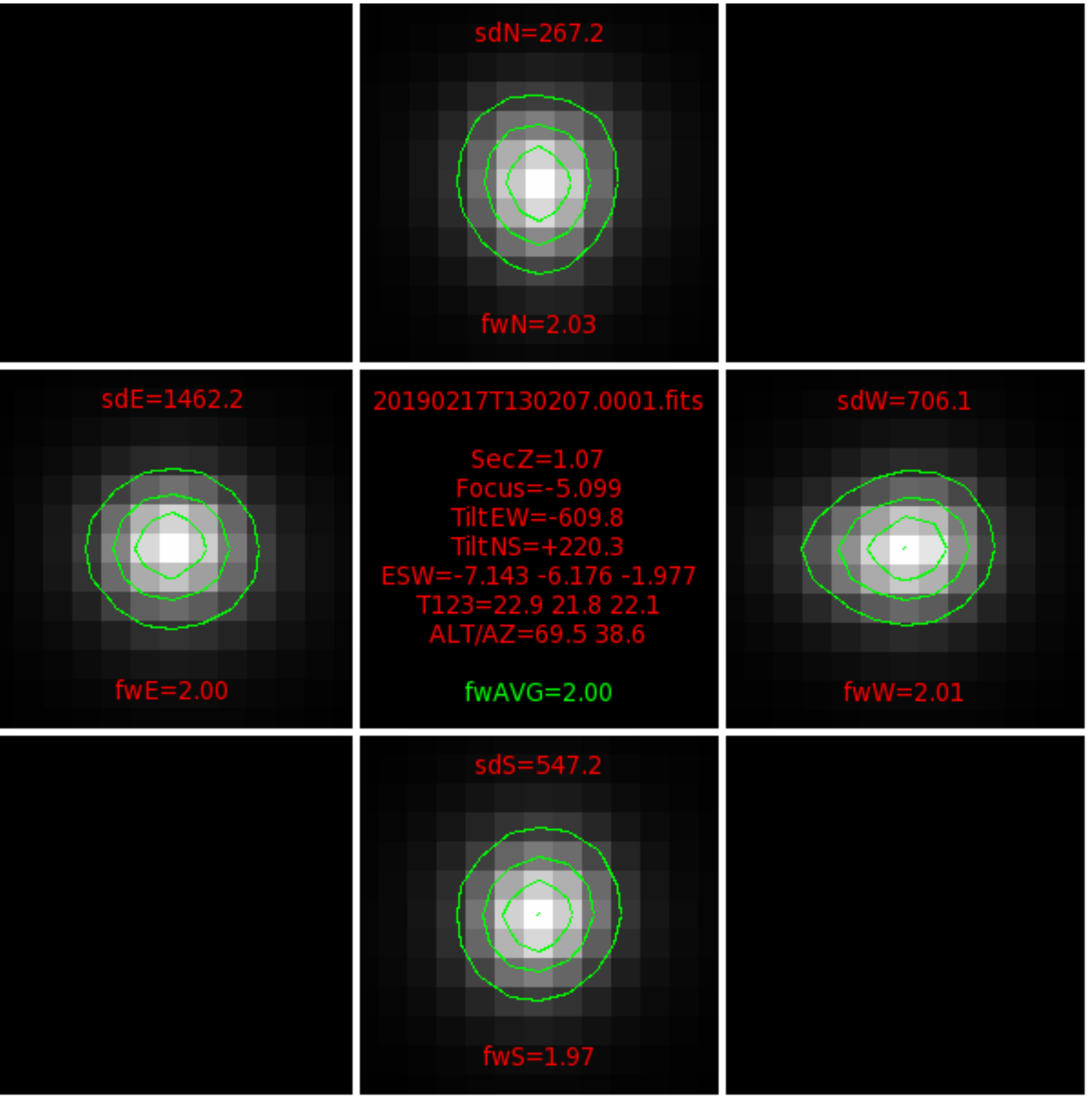
sdN=267.2
fwN=2.03
sdE=1462.2
fwE=2.00
20190217T130207.0001.fits
SecZ=1.07
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.9 21.8 22.1
ALT/AZ=69.5 38.6
fwAVG=2.00
sdW=706.1
fwW=2.01
sdS=547.2
fwS=1.97
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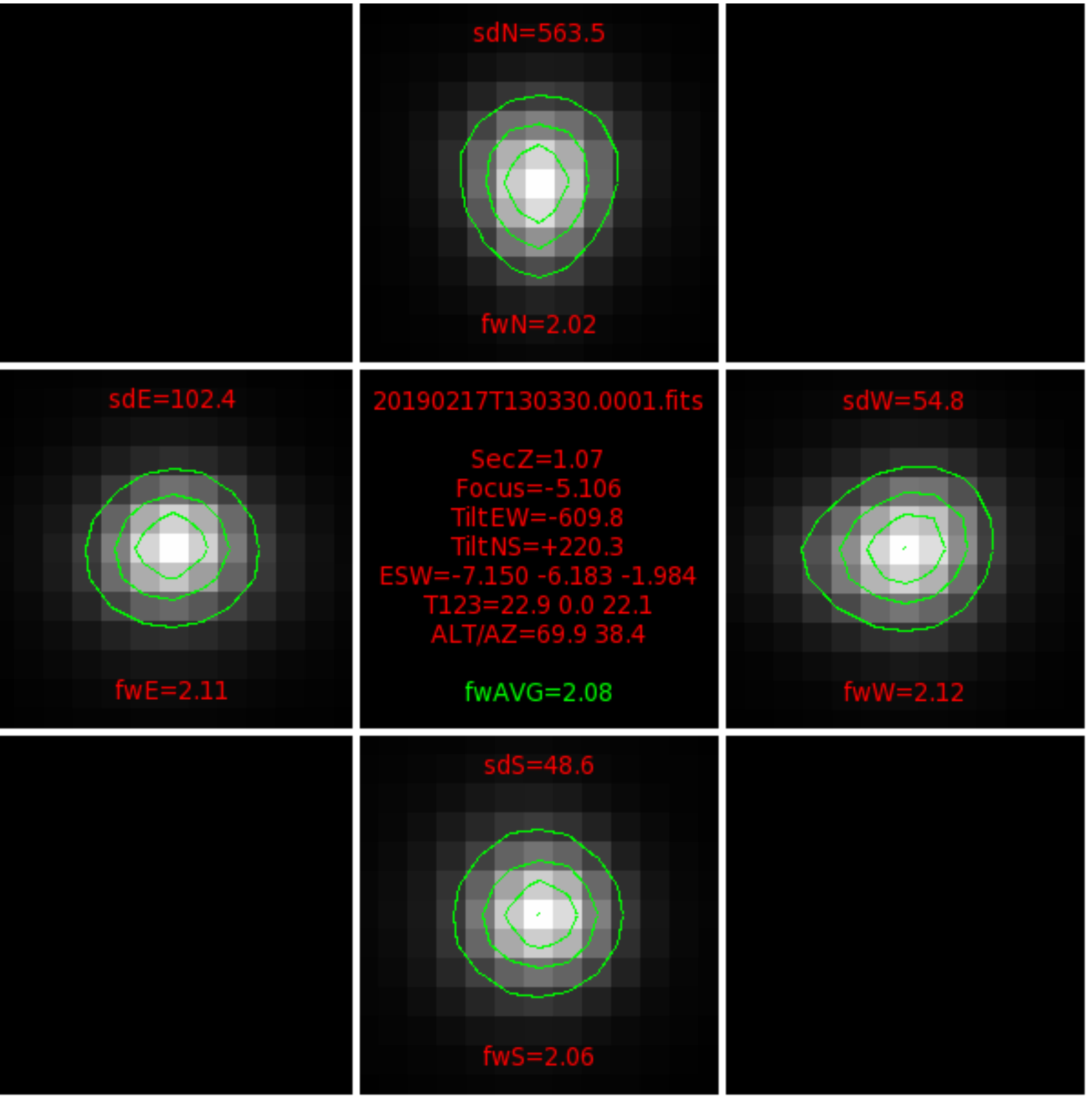
sdN=563.5
fwN=2.02
sdE=102.4
fwE=2.11
20190217T130330.0001.fits
SecZ=1.07
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=22.9 0.0 22.1
ALT/AZ=69.9 38.4
fwAVG=2.08
sdW=54.8
fwW=2.12
sdS=48.6
fwS=2.06
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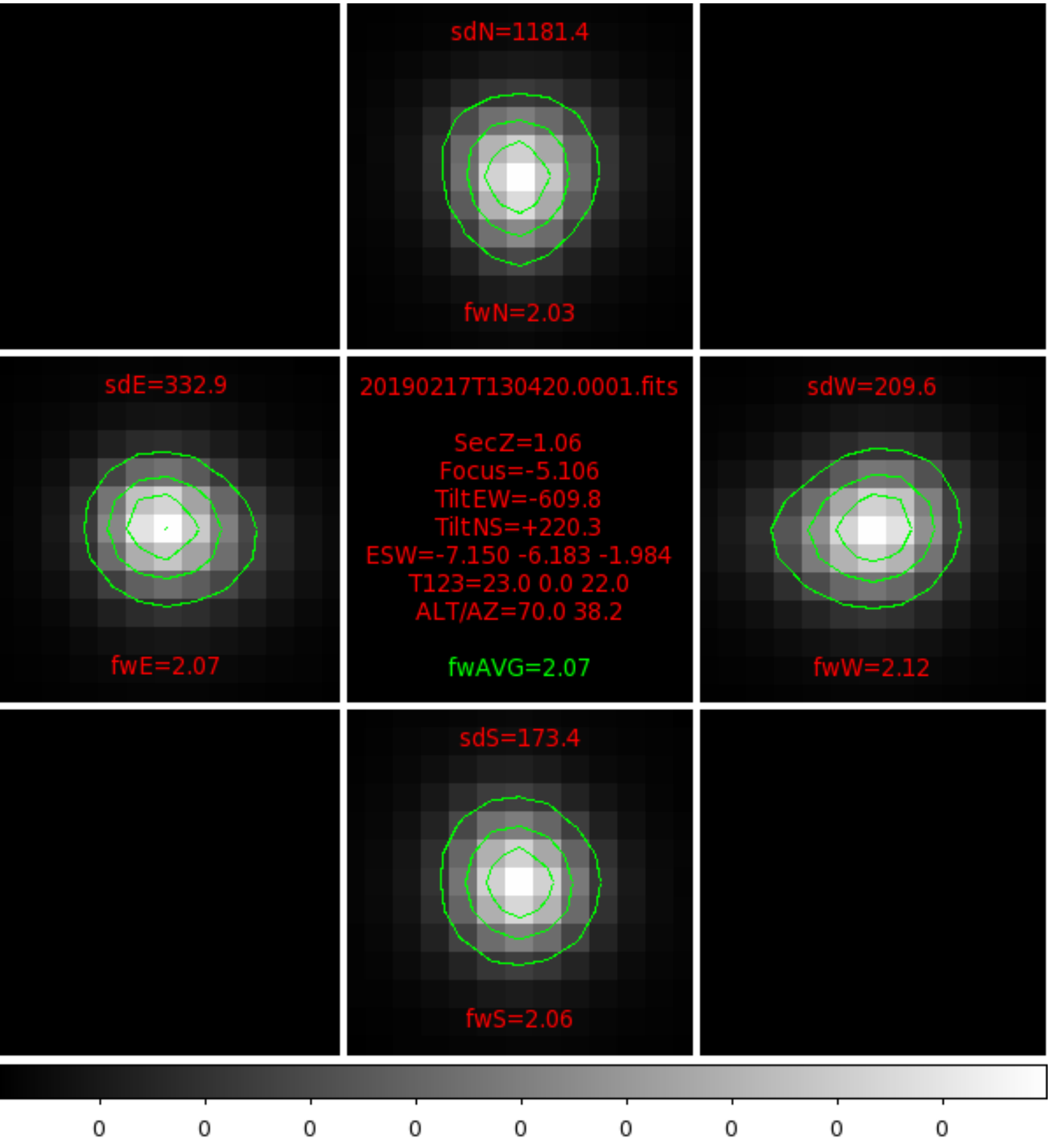
sdN=1181.4
fwN=2.03
sdE=332.9
fwE=2.07
20190217T130420.0001.fits
SecZ=1.06
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=23.0 0.0 22.0
ALT/AZ=70.0 38.2
fwAVG=2.07
sdW=209.6
fwW=2.12
sdS=173.4
fwS=2.06
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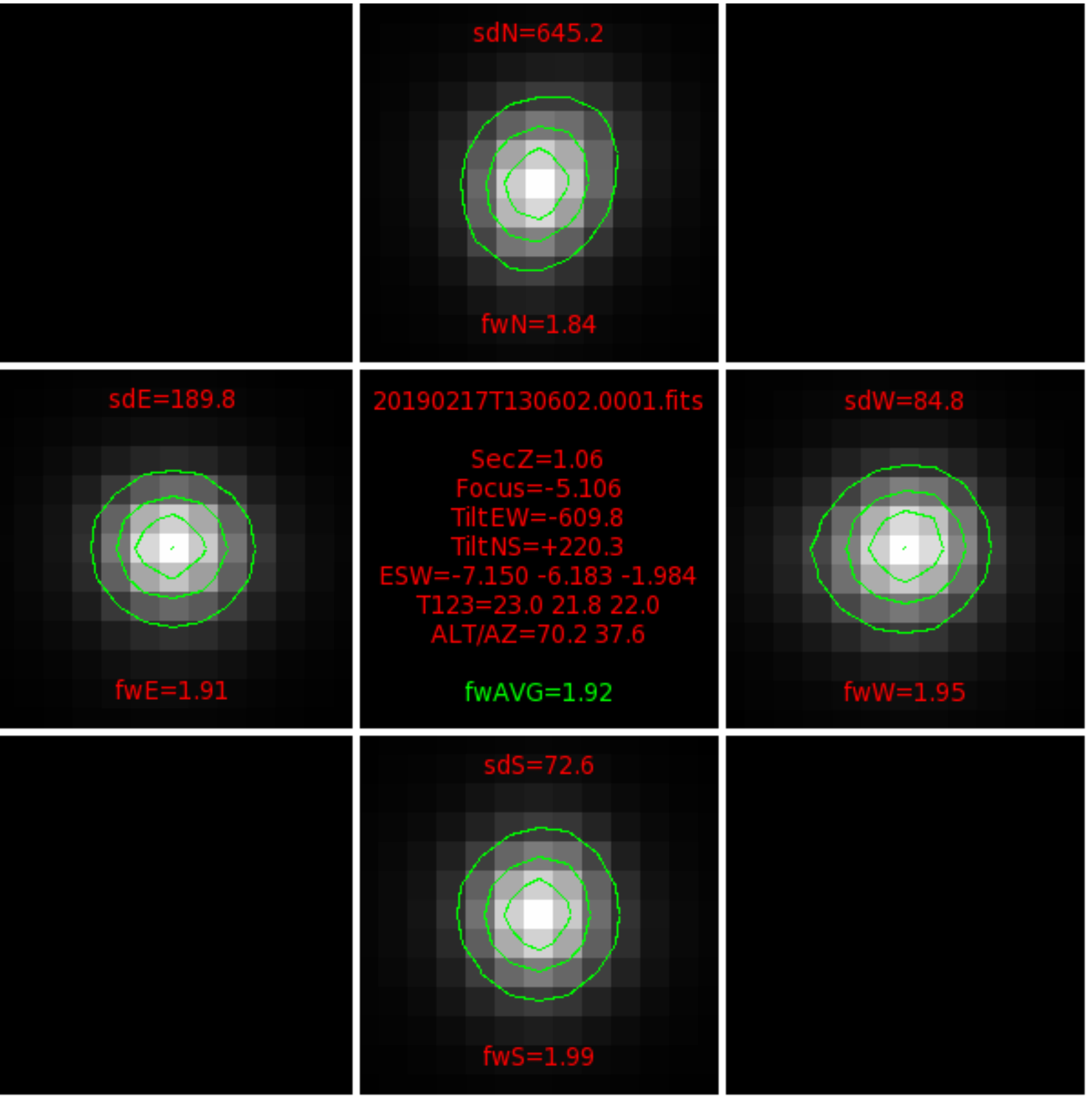
sdN=645.2
fwN=1.84
sdE=189.8
fwE=1.91
20190217T130602.0001.fits
SecZ=1.06
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=23.0 21.8 22.0
ALT/AZ=70.2 37.6
fwAVG=1.92
sdW=84.8
fwW=1.95
sdS=72.6
fwS=1.99
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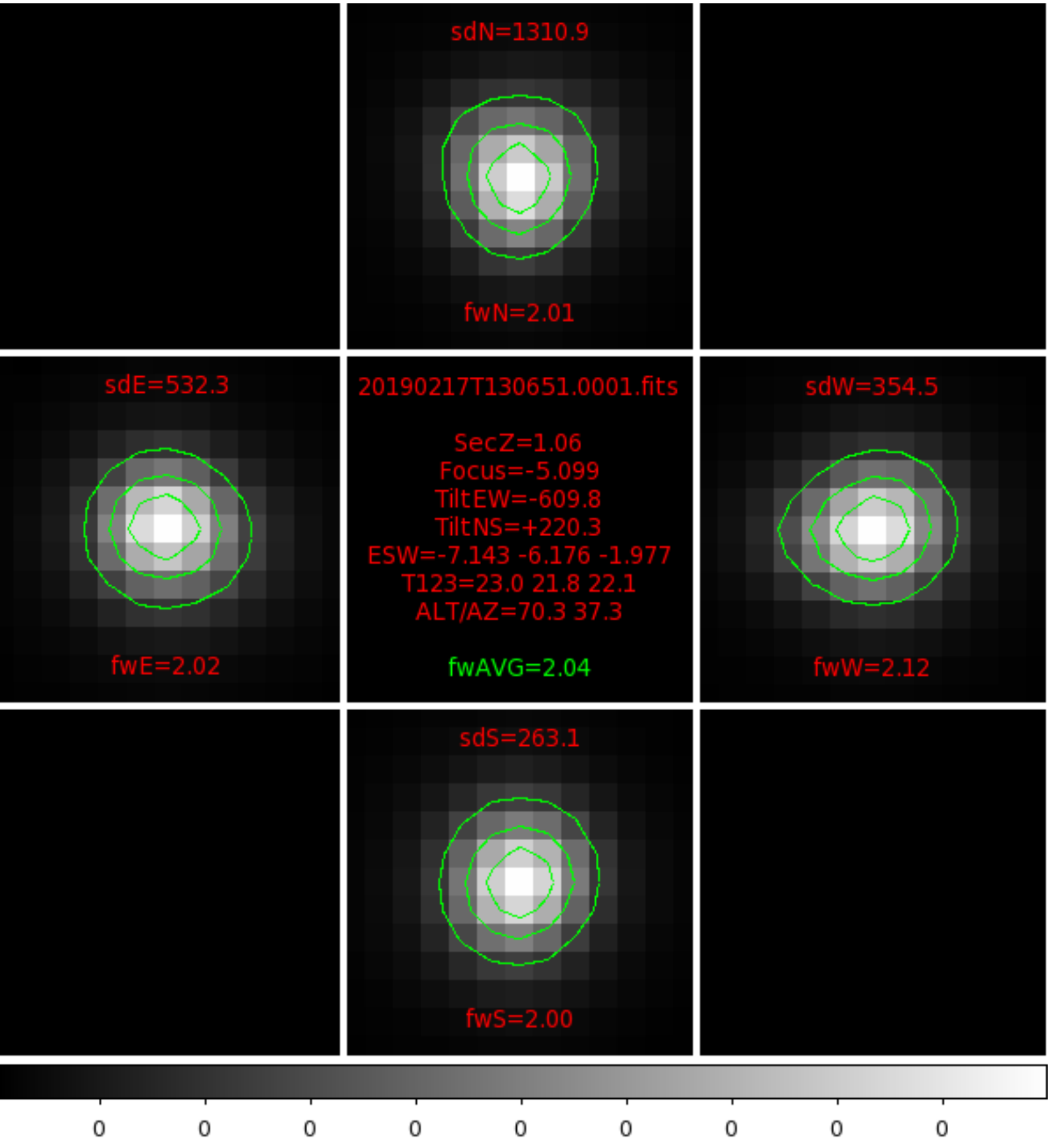
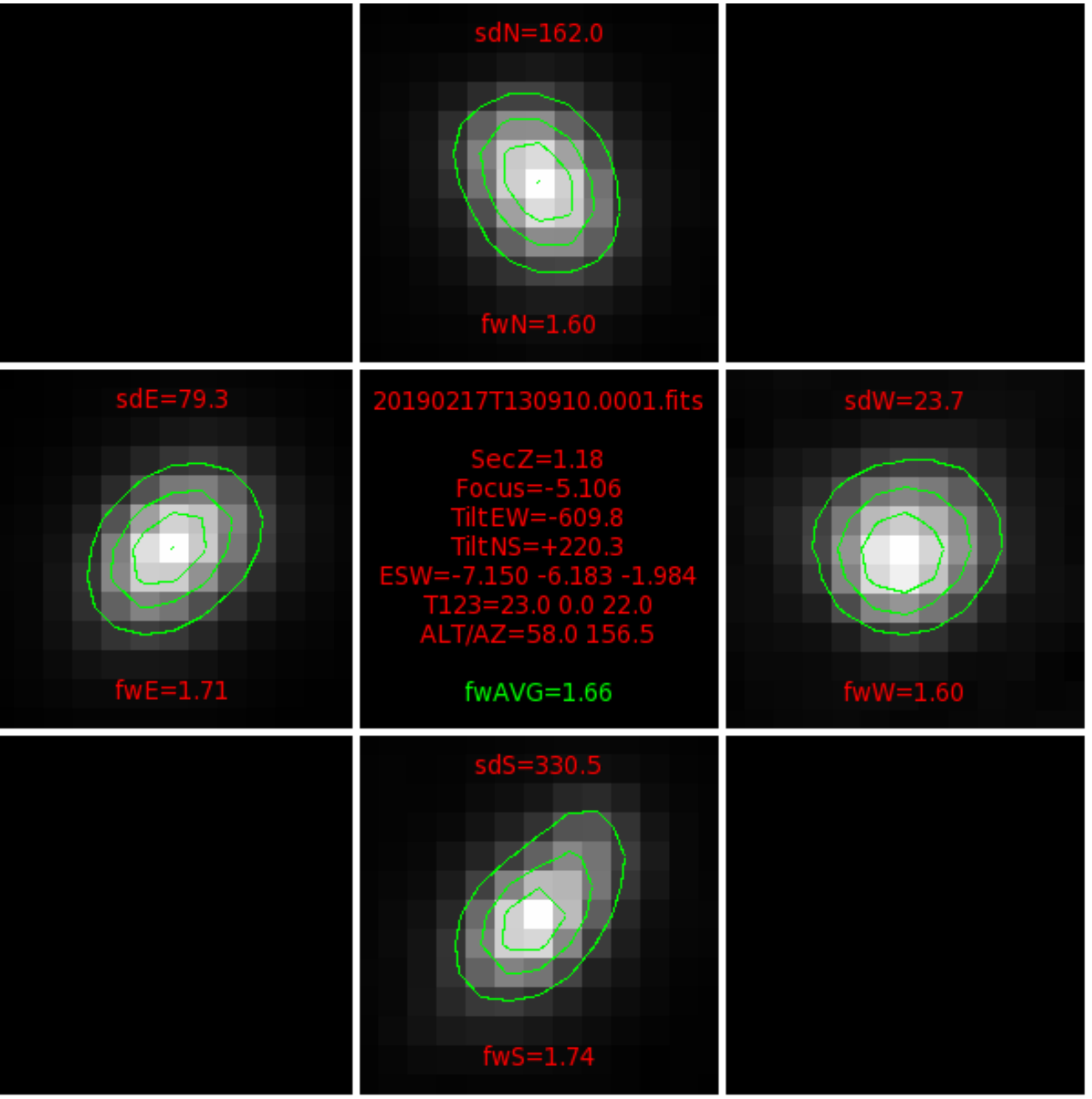
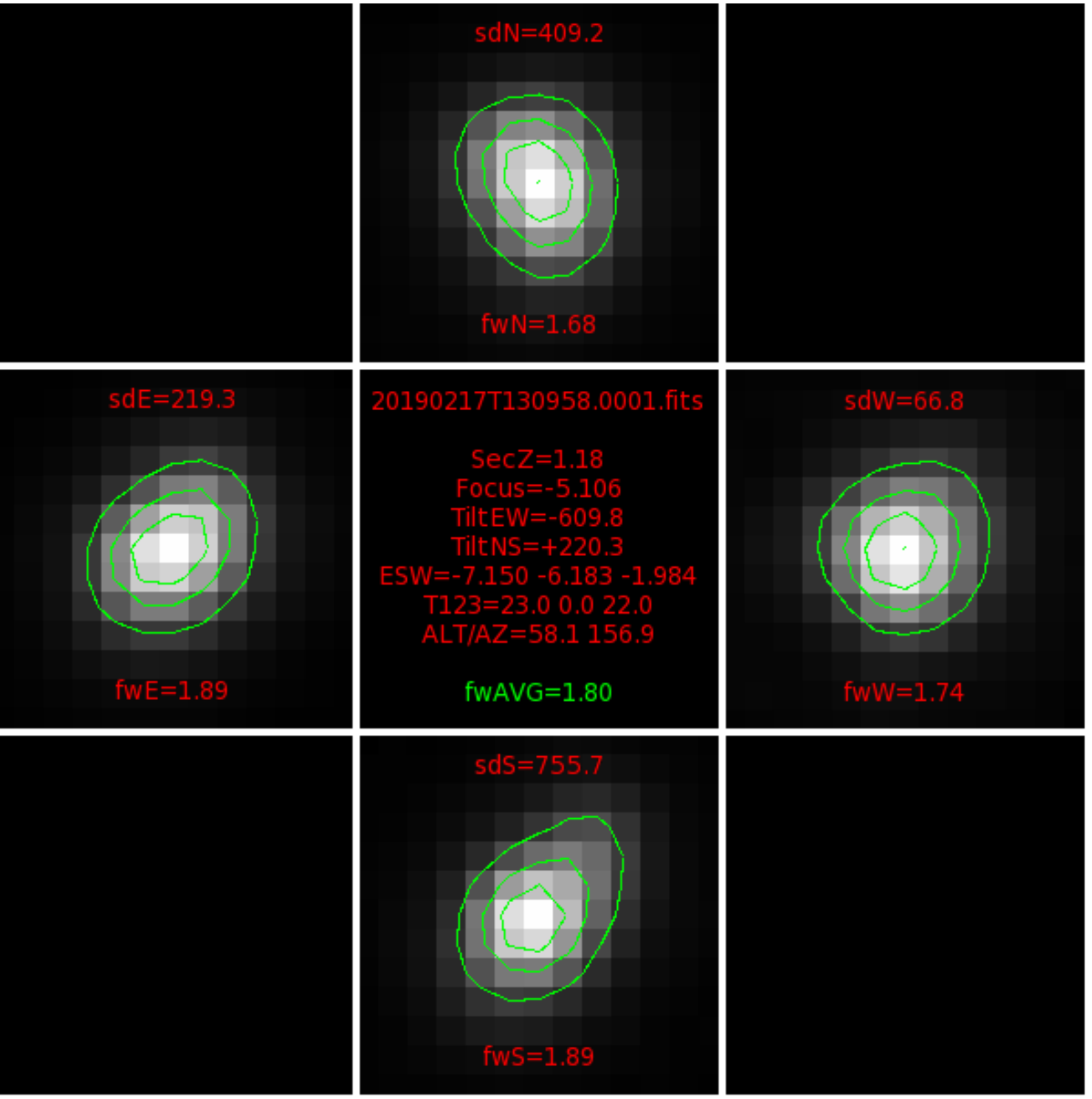

sdN=1310.9
fwN=2.01
sdE=532.3
fwE=2.02
20190217T130651.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=23.0 21.8 22.1
ALT/AZ=70.3 37.3
fwAVG=2.04
sdW=354.5
fwW=2.12
sdS=263.1
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=162.0
fwN=1.60
sdE=79.3
fwE=1.71
20190217T130910.0001.fits
SecZ=1.18
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=23.0 0.0 22.0
ALT/AZ=58.0 156.5
fwAVG=1.66
sdW=23.7
fwW=1.60
sdS=330.5
fwS=1.74
0 0 0 0 0 0 0 0 0


sdN=409.2
fwN=1.68
sdE=219.3
fwE=1.89
20190217T130958.0001.fits
SecZ=1.18
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=23.0 0.0 22.0
ALT/AZ=58.1 156.9
fwAVG=1.80
sdW=66.8
fwW=1.74
sdS=755.7
fwS=1.89
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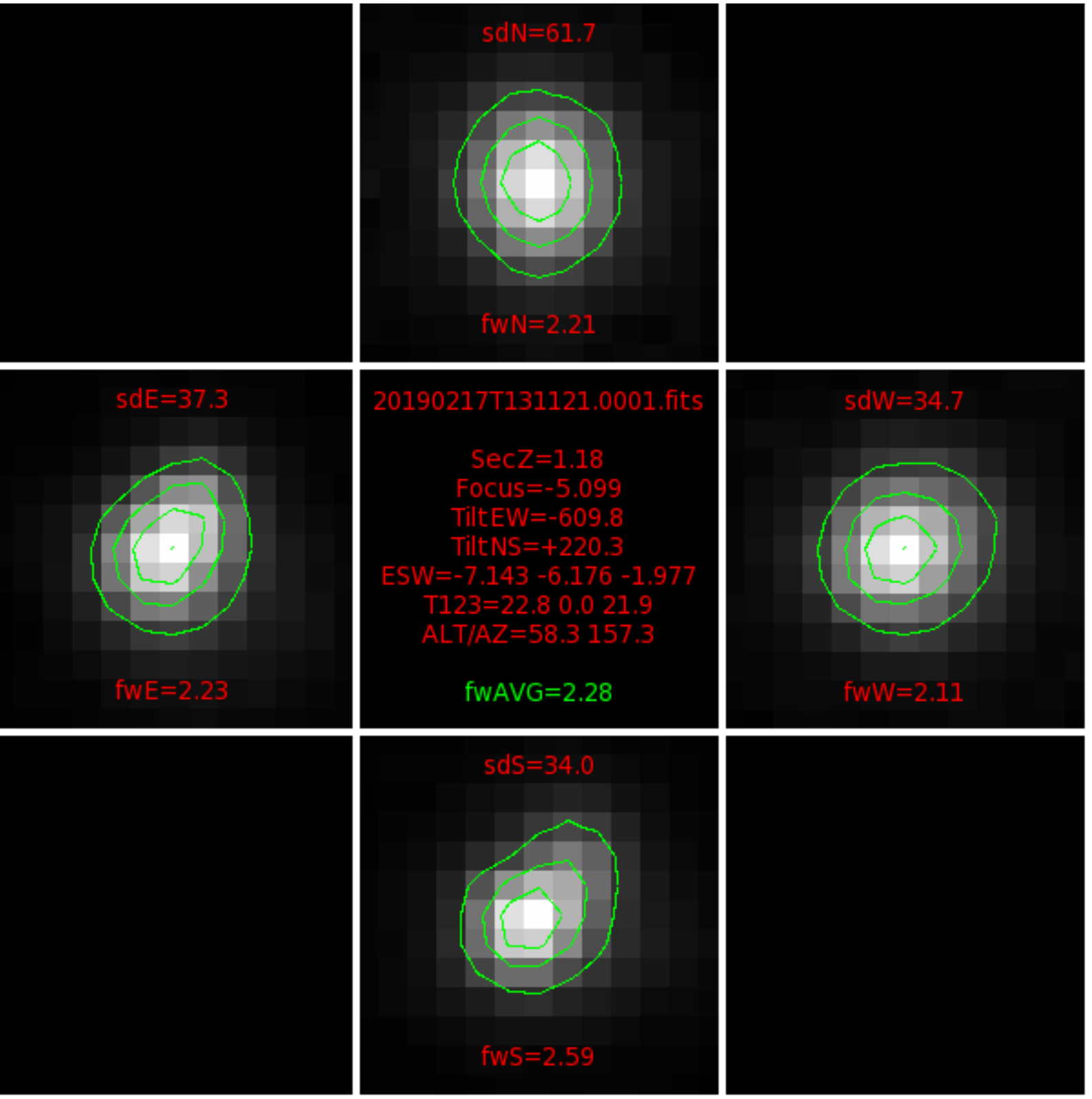
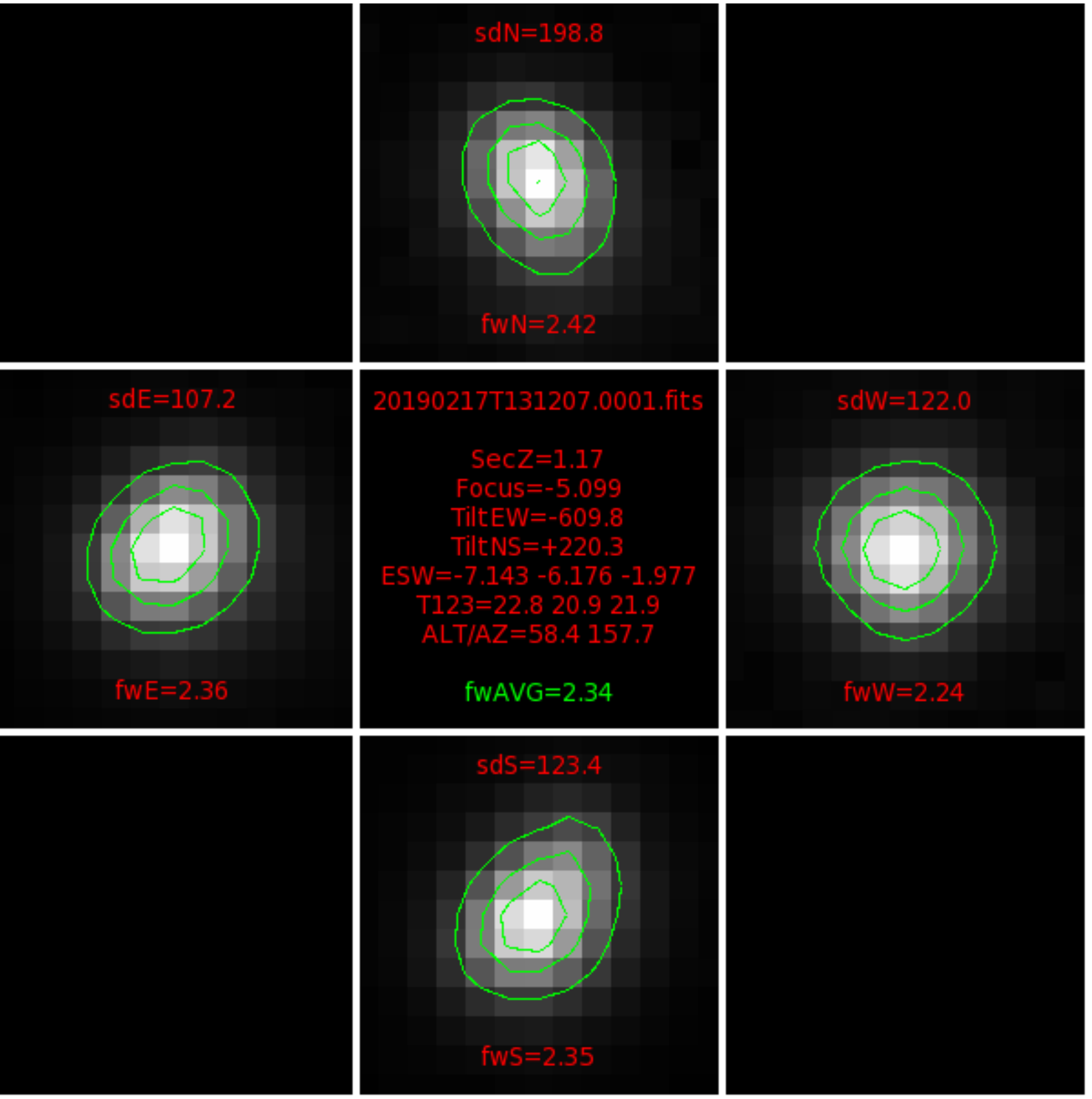

sdN=61.7
fwN=2.21
sdE=37.3
fwE=2.23
20190217T131121.0001.fits
SecZ=1.18
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.8 0.0 21.9
ALT/AZ=58.3 157.3
fwAVG=2.28
sdW=34.7
fwW=2.11
sdS=34.0
fwS=2.59
0 0 0 0 0 0 0 0 0


sdN=198.8
fwN=2.42
sdE=107.2
fwE=2.36
20190217T131207.0001.fits
SecZ=1.17
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.8 20.9 21.9
ALT/AZ=58.4 157.7
fwAVG=2.34
sdW=122.0
fwW=2.24
sdS=123.4
fwS=2.35
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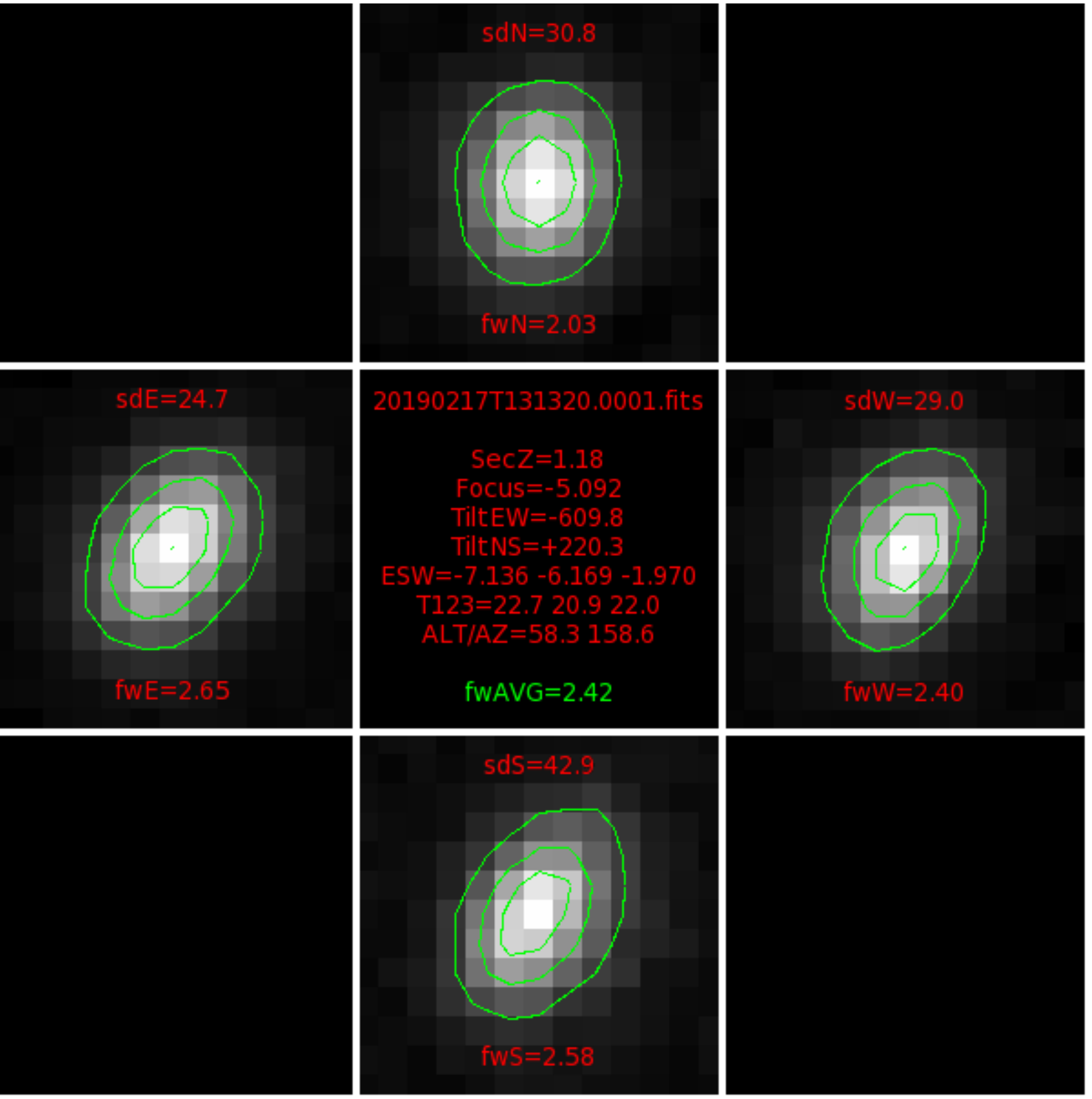
sdN=30.8
fwN=2.03
sdE=24.7
fwE=2.65
20190217T131320.0001.fits
SecZ=1.18
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.7 20.9 22.0
ALT/AZ=58.3 158.6
fwAVG=2.42
sdW=29.0
fwW=2.40
sdS=42.9
fwS=2.58
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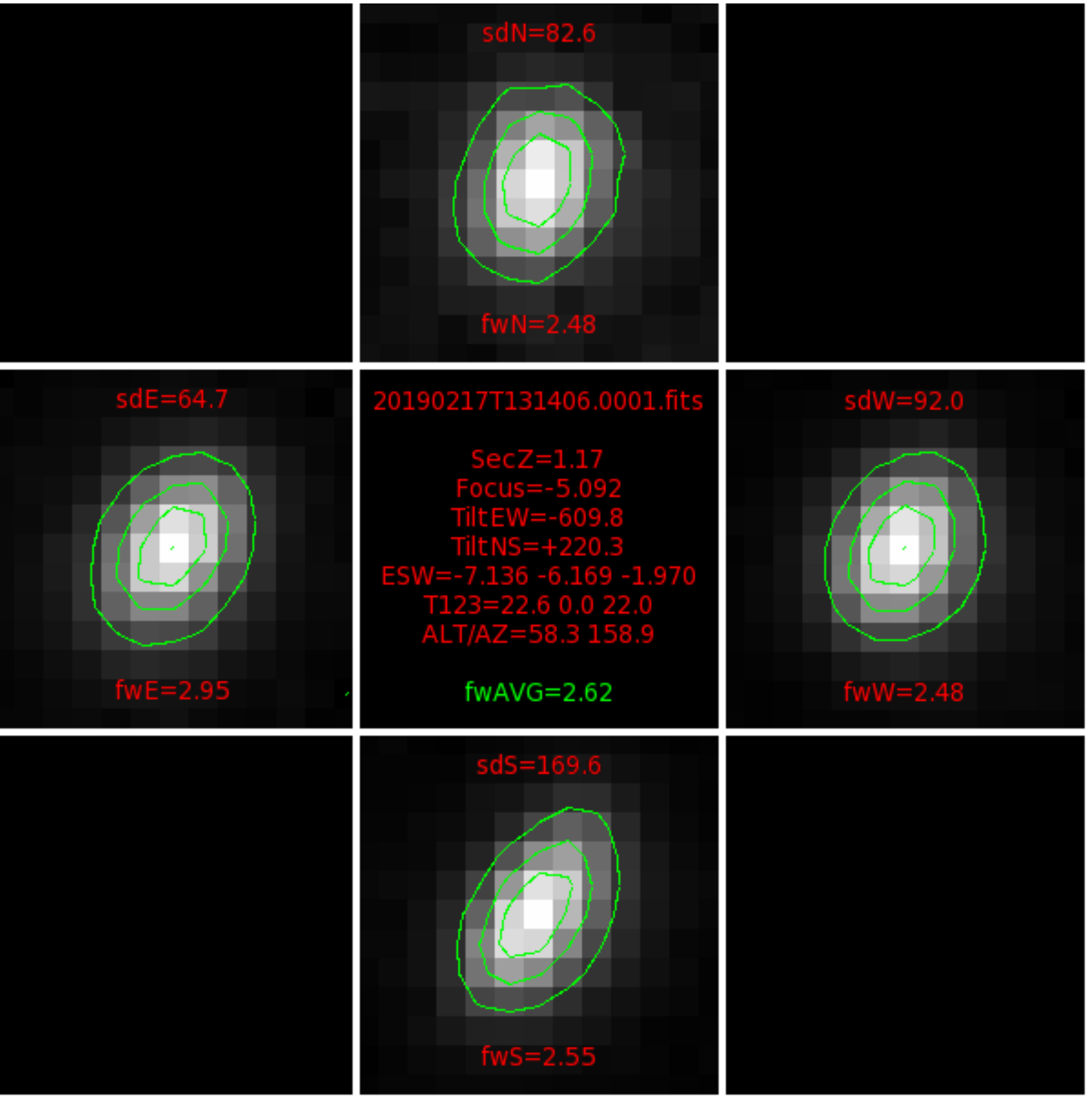
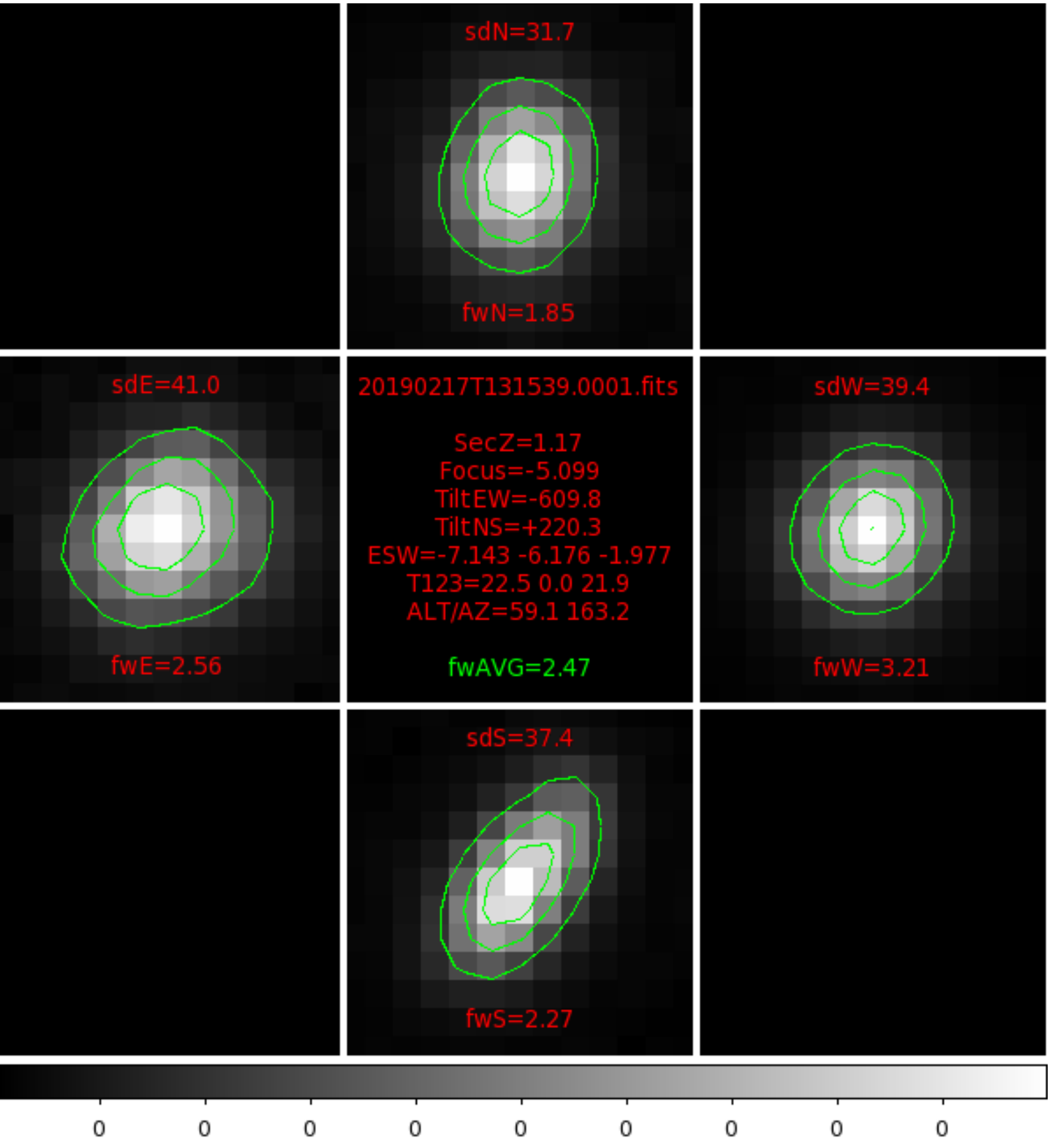
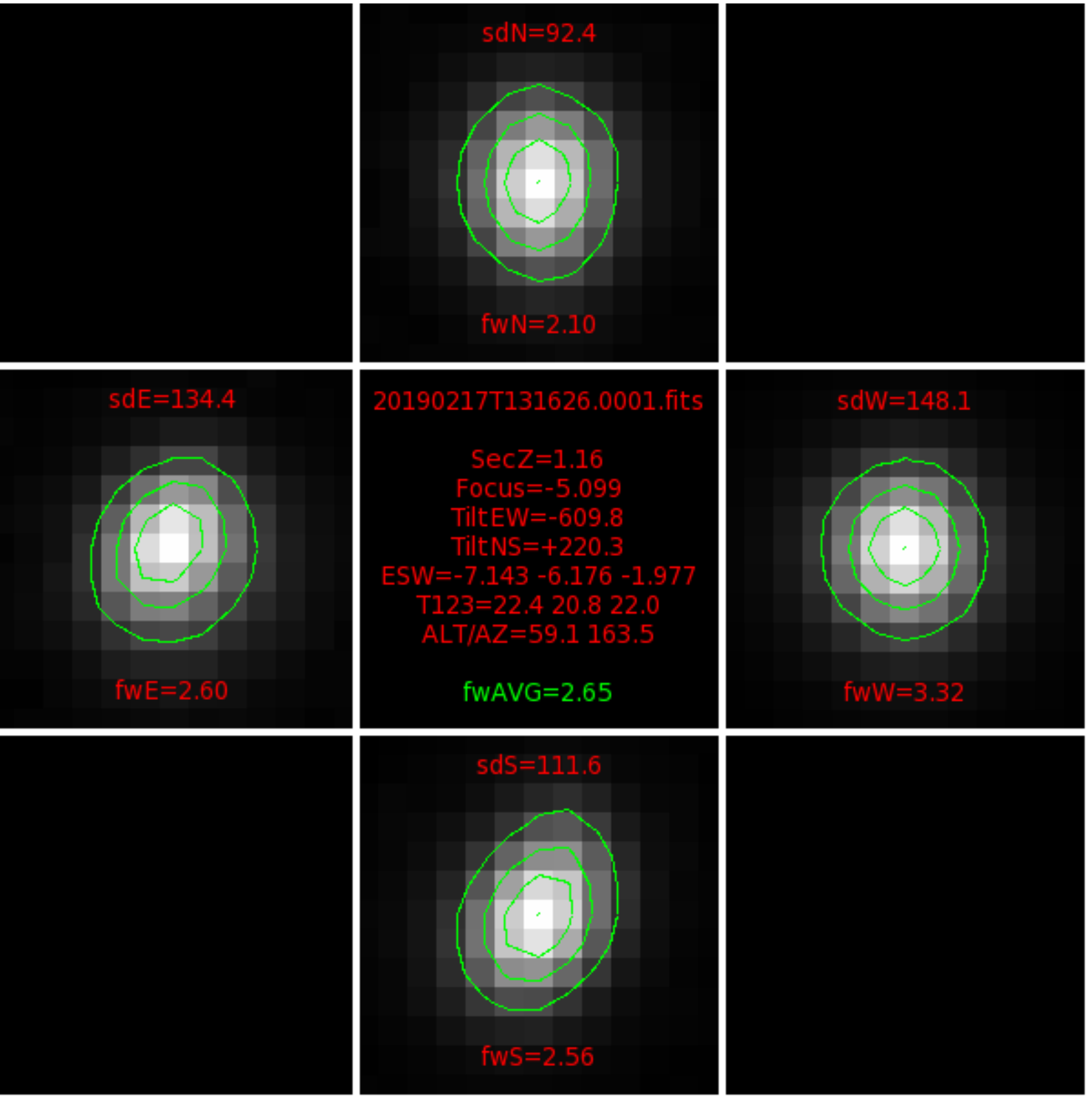

sdN=82.6
fwN=2.48
sdE=64.7
fwE=2.95
20190217T131406.0001.fits
SecZ=1.17
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.6 0.0 22.0
ALT/AZ=58.3 158.9
fwAVG=2.62
sdW=92.0
fwW=2.48
sdS=169.6
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=31.7
fwN=1.85
sdE=41.0
fwE=2.56
20190217T131539.0001.fits
SecZ=1.17
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.5 0.0 21.9
ALT/AZ=59.1 163.2
fwAVG=2.47
sdW=39.4
fwW=3.21
sdS=37.4
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=92.4
fwN=2.10
sdE=134.4
fwE=2.60
20190217T131626.0001.fits
SecZ=1.16
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.4 20.8 22.0
ALT/AZ=59.1 163.5
fwAVG=2.65
sdW=148.1
fwW=3.32
sdS=111.6
fwS=2.56
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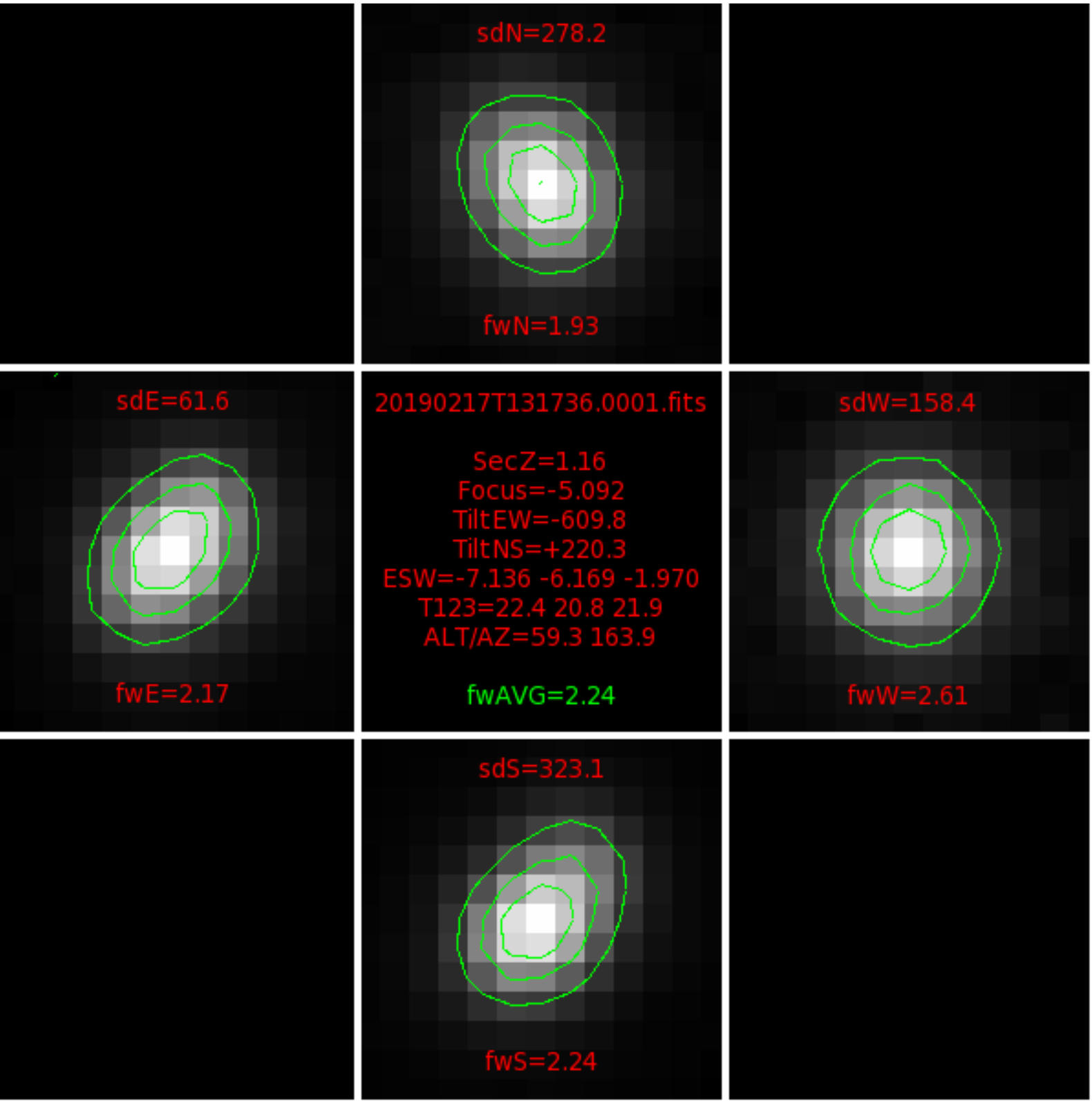
sdN=278.2
fwN=1.93
sdE=61.6
fwE=2.17
20190217T131736.0001.fits
SecZ=1.16
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.4 20.8 21.9
ALT/AZ=59.3 163.9
fwAVG=2.24
sdW=158.4
fwW=2.61
sdS=323.1
fwS=2.24
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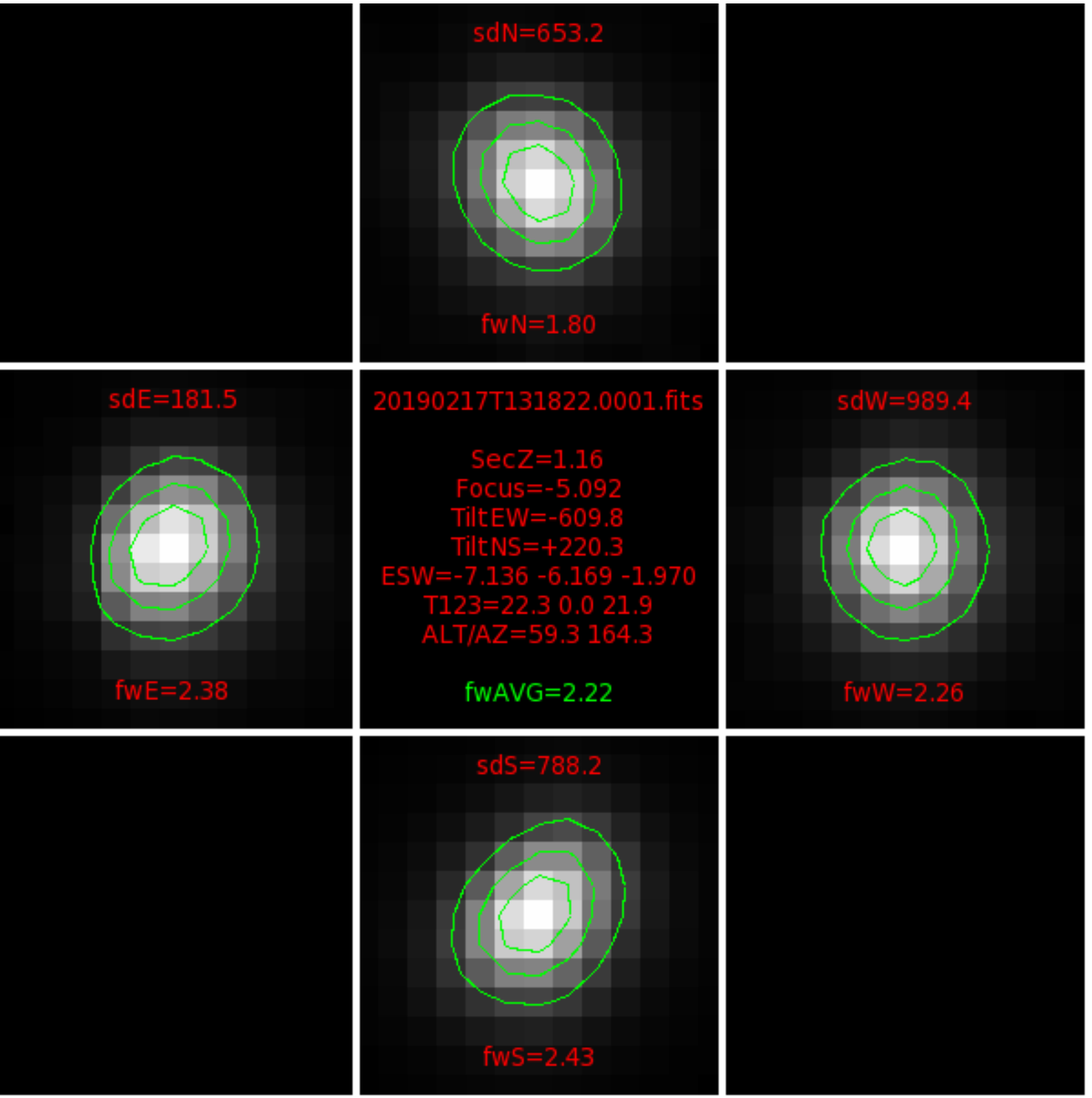
sdN=653.2
fwN=1.80
sdE=181.5
fwE=2.38
20190217T131822.0001.fits
SecZ=1.16
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.3 0.0 21.9
ALT/AZ=59.3 164.3
fwAVG=2.22
sdW=989.4
fwW=2.26
sdS=788.2
fwS=2.43
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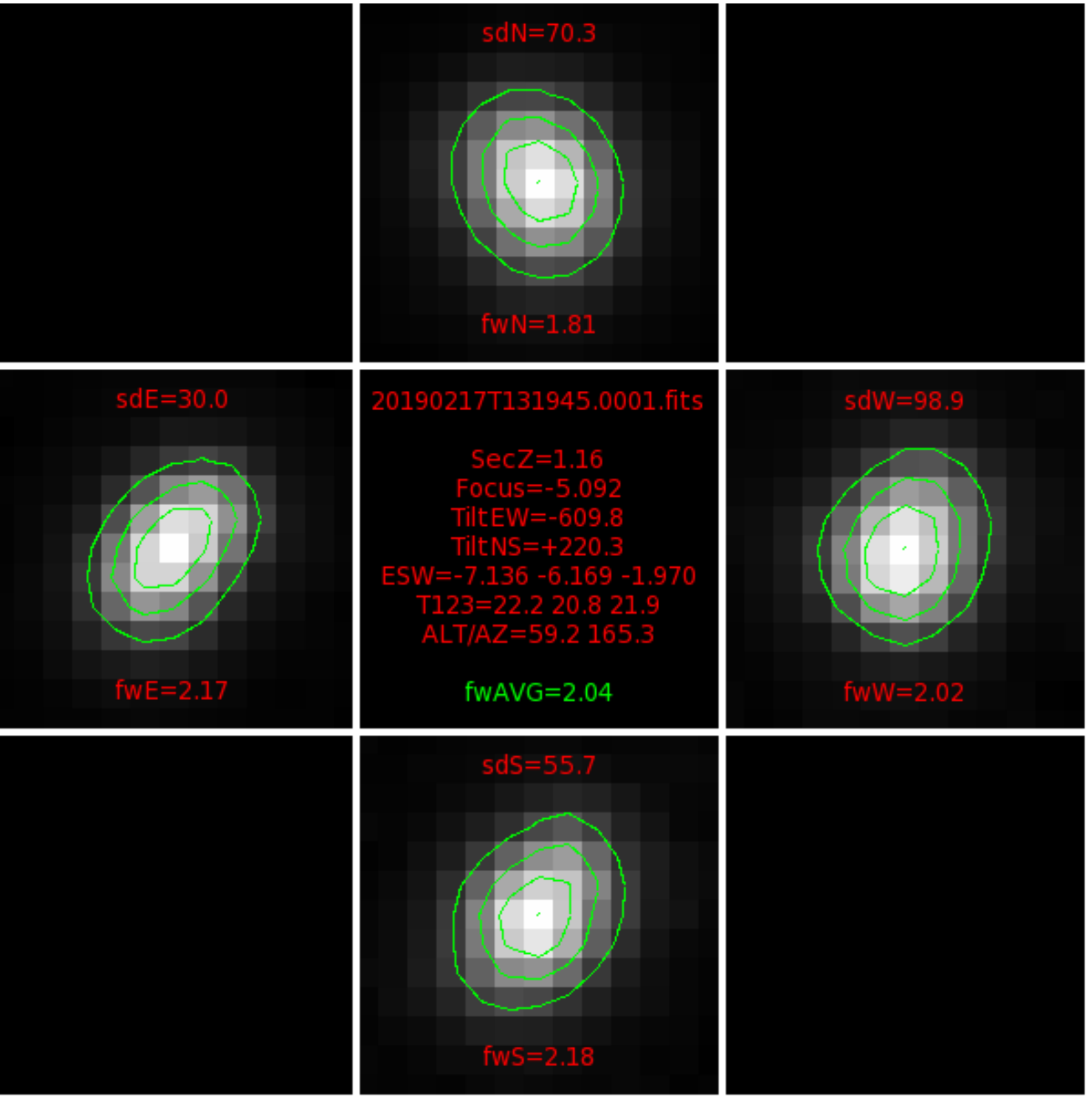
sdN=70.3
fwN=1.81
sdE=30.0
fwE=2.17
20190217T131945.0001.fits
SecZ=1.16
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.2 20.8 21.9
ALT/AZ=59.2 165.3
fwAVG=2.04
sdW=98.9
fwW=2.02
sdS=55.7
fwS=2.18
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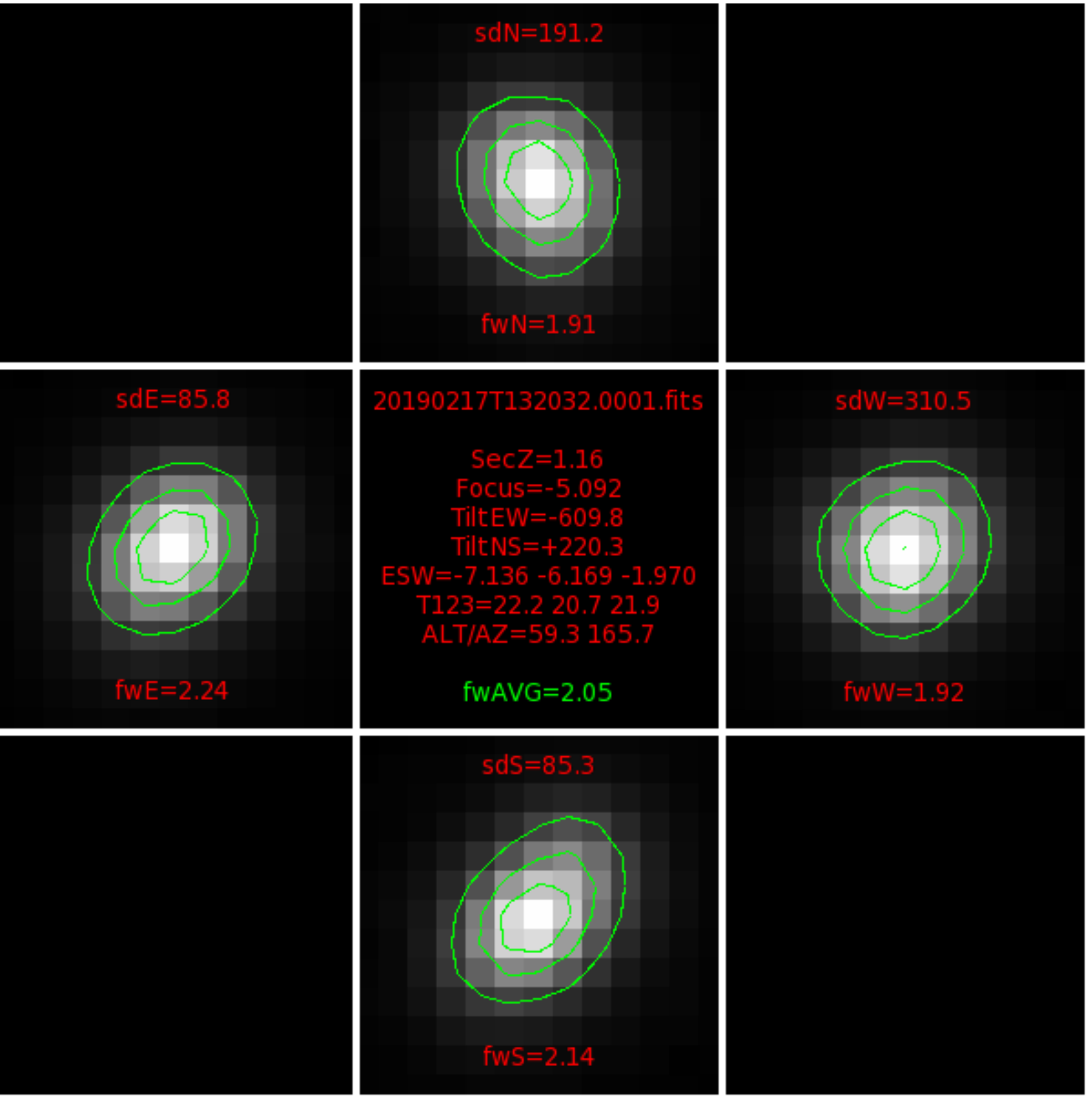
sdN=191.2
fwN=1.91
sdE=85.8
fwE=2.24
20190217T132032.0001.fits
SecZ=1.16
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.2 20.7 21.9
ALT/AZ=59.3 165.7
fwAVG=2.05
sdW=310.5
fwW=1.92
sdS=85.3
fwS=2.14
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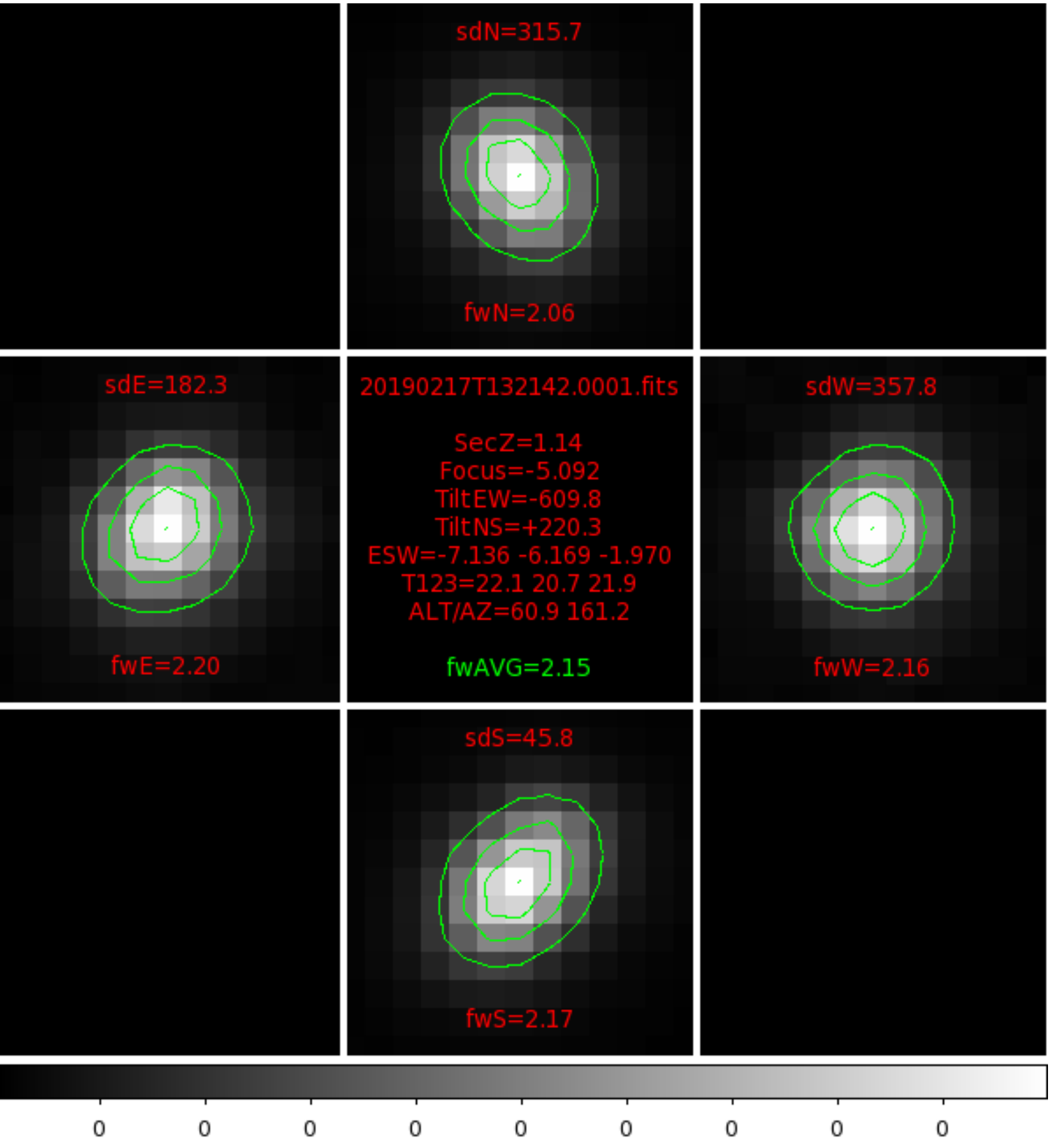
sdN=315.7
fwN=2.06
sdE=182.3
fwE=2.20
20190217T132142.0001.fits
SecZ=1.14
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.1 20.7 21.9
ALT/AZ=60.9 161.2
fwAVG=2.15
sdW=357.8
fwW=2.16
sdS=45.8
fwS=2.17
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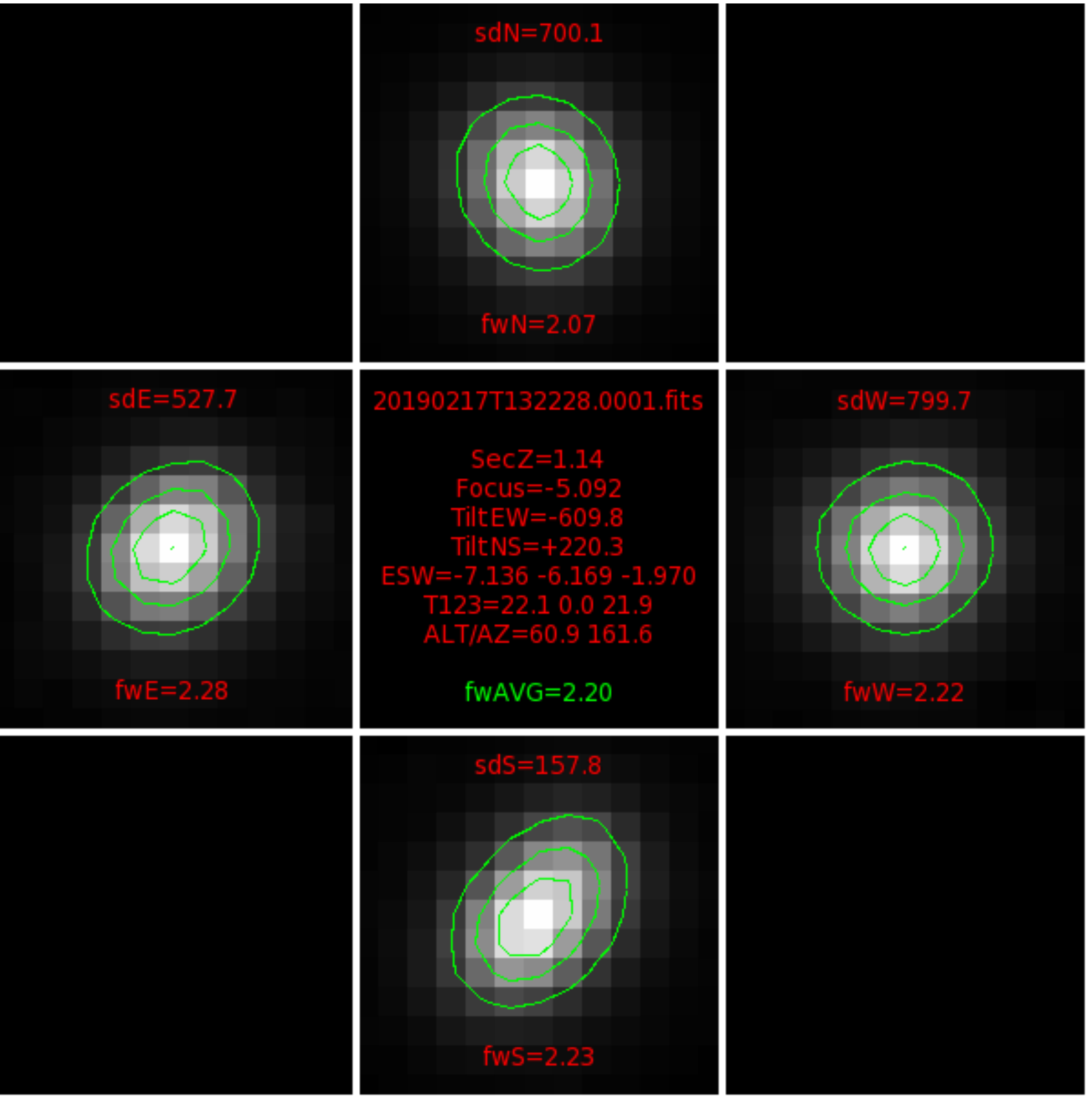
sdN=700.1
fwN=2.07
sdE=527.7
fwE=2.28
20190217T132228.0001.fits
SecZ=1.14
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.1 0.0 21.9
ALT/AZ=60.9 161.6
fwAVG=2.20
sdW=799.7
fwW=2.22
sdS=157.8
fwS=2.23
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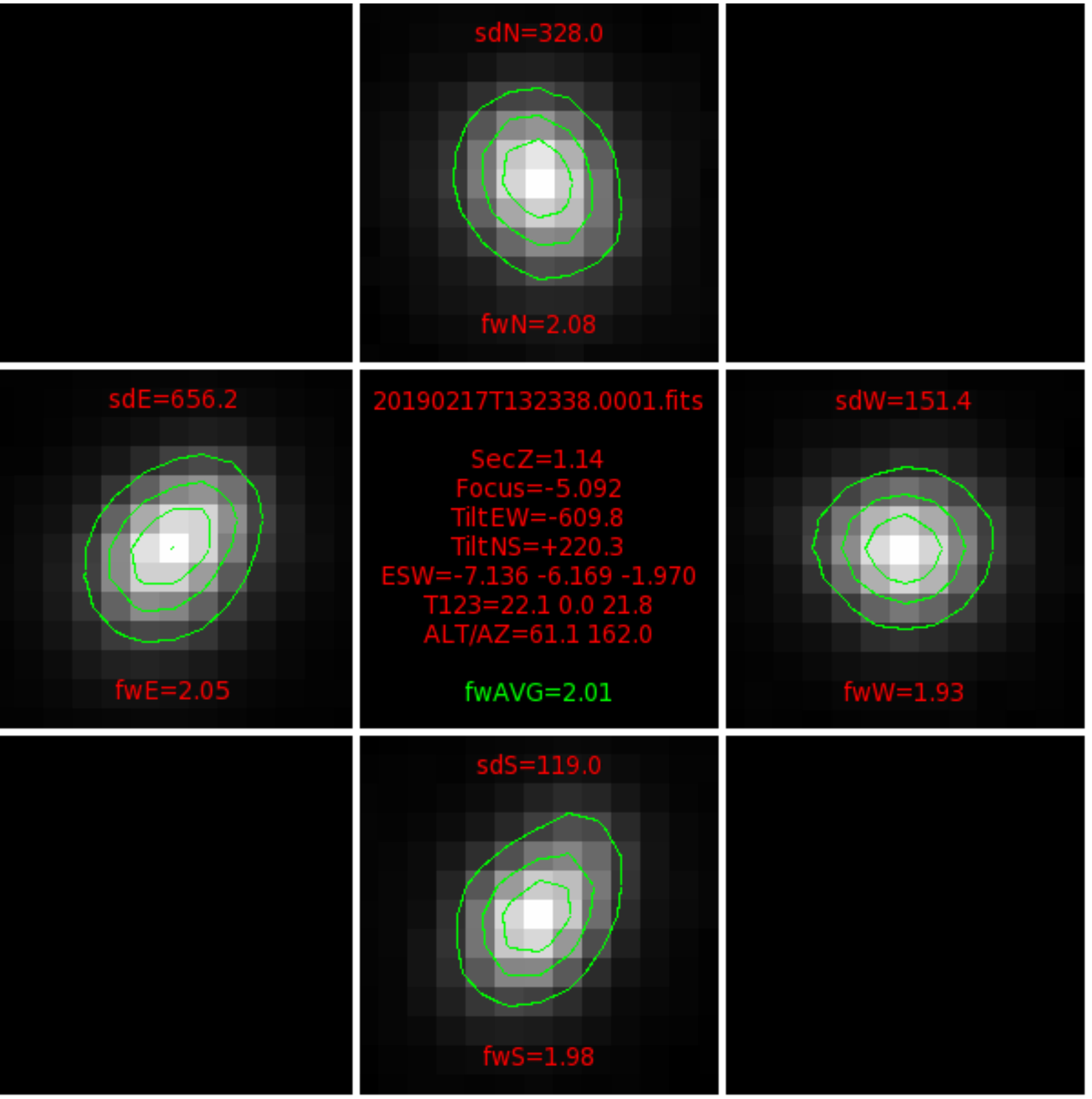
sdN=328.0
fwN=2.08
sdE=656.2
fwE=2.05
20190217T132338.0001.fits
SecZ=1.14
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.1 0.0 21.8
ALT/AZ=61.1 162.0
fwAVG=2.01
sdW=151.4
fwW=1.93
sdS=119.0
fwS=1.98
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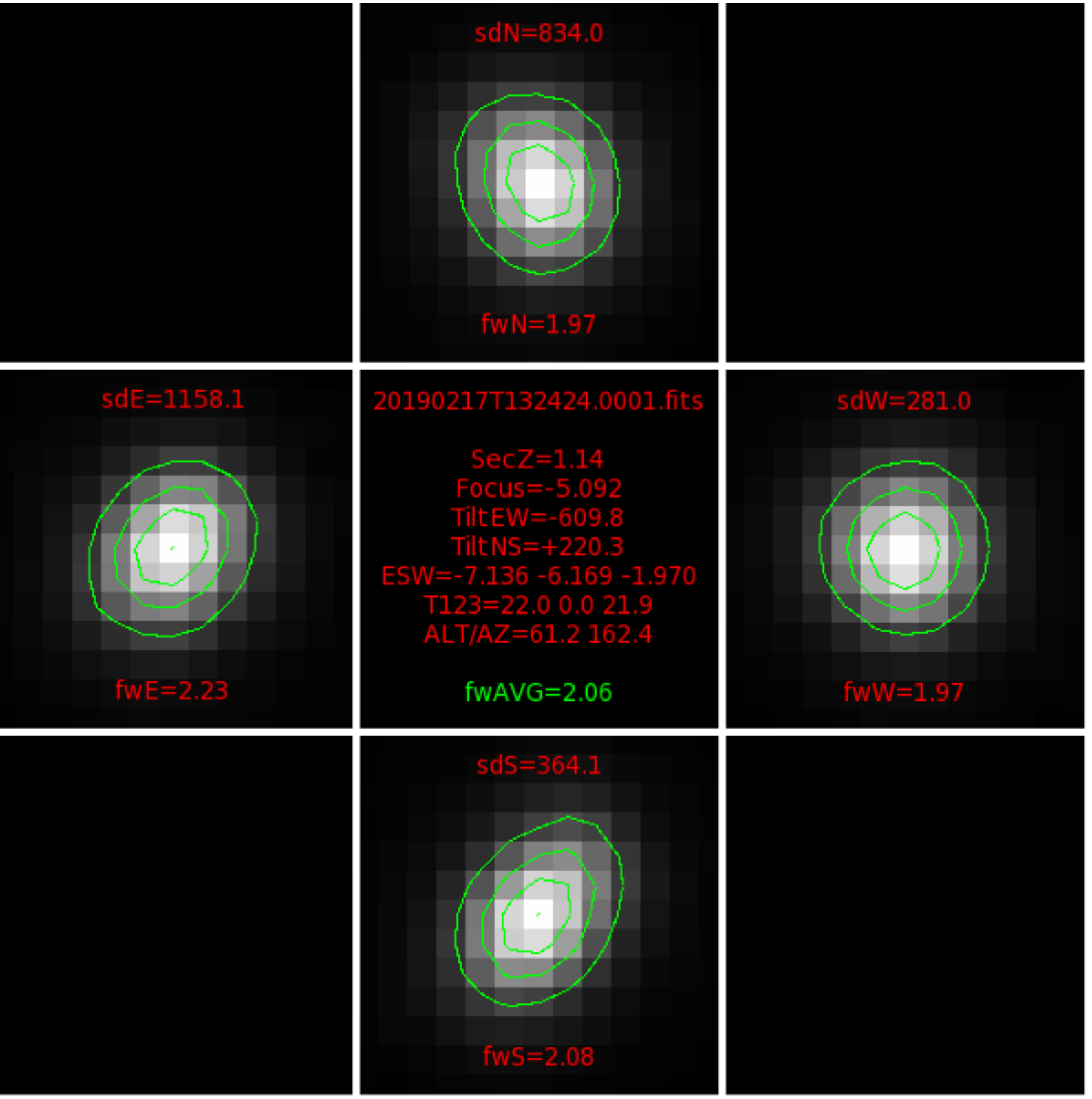
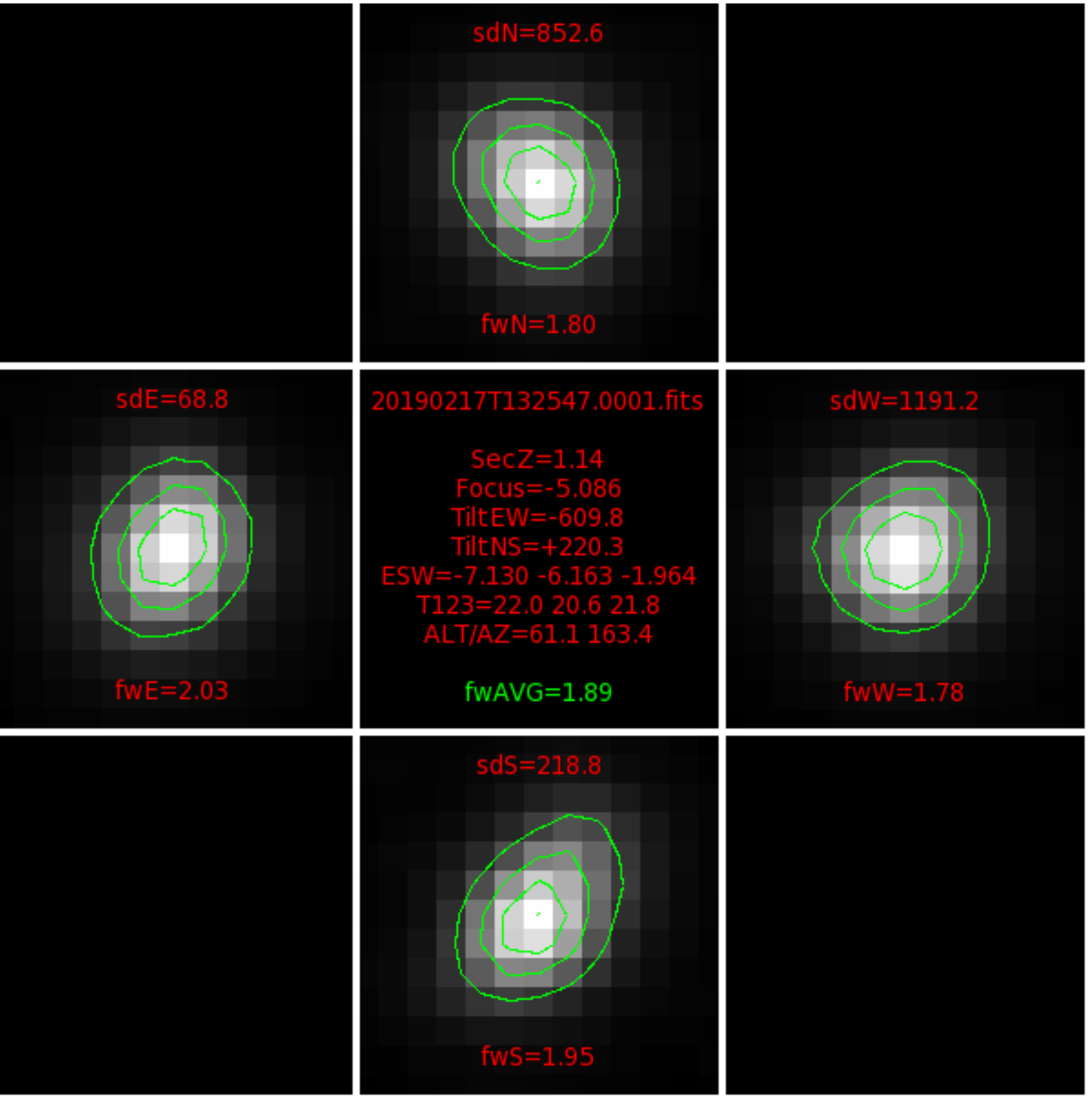

sdN=834.0
fwN=1.97
sdE=1158.1
fwE=2.23
20190217T132424.0001.fits
SecZ=1.14
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.0 0.0 21.9
ALT/AZ=61.2 162.4
fwAVG=2.06
sdW=281.0
fwW=1.97
sdS=364.1
fwS=2.08
0 0 0 0 0 0 0 0 0


sdN=852.6
fwN=1.80
sdE=68.8
fwE=2.03
20190217T132547.0001.fits
SecZ=1.14
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.0 20.6 21.8
ALT/AZ=61.1 163.4
fwAVG=1.89
sdW=1191.2
fwW=1.78
sdS=218.8
fwS=1.95
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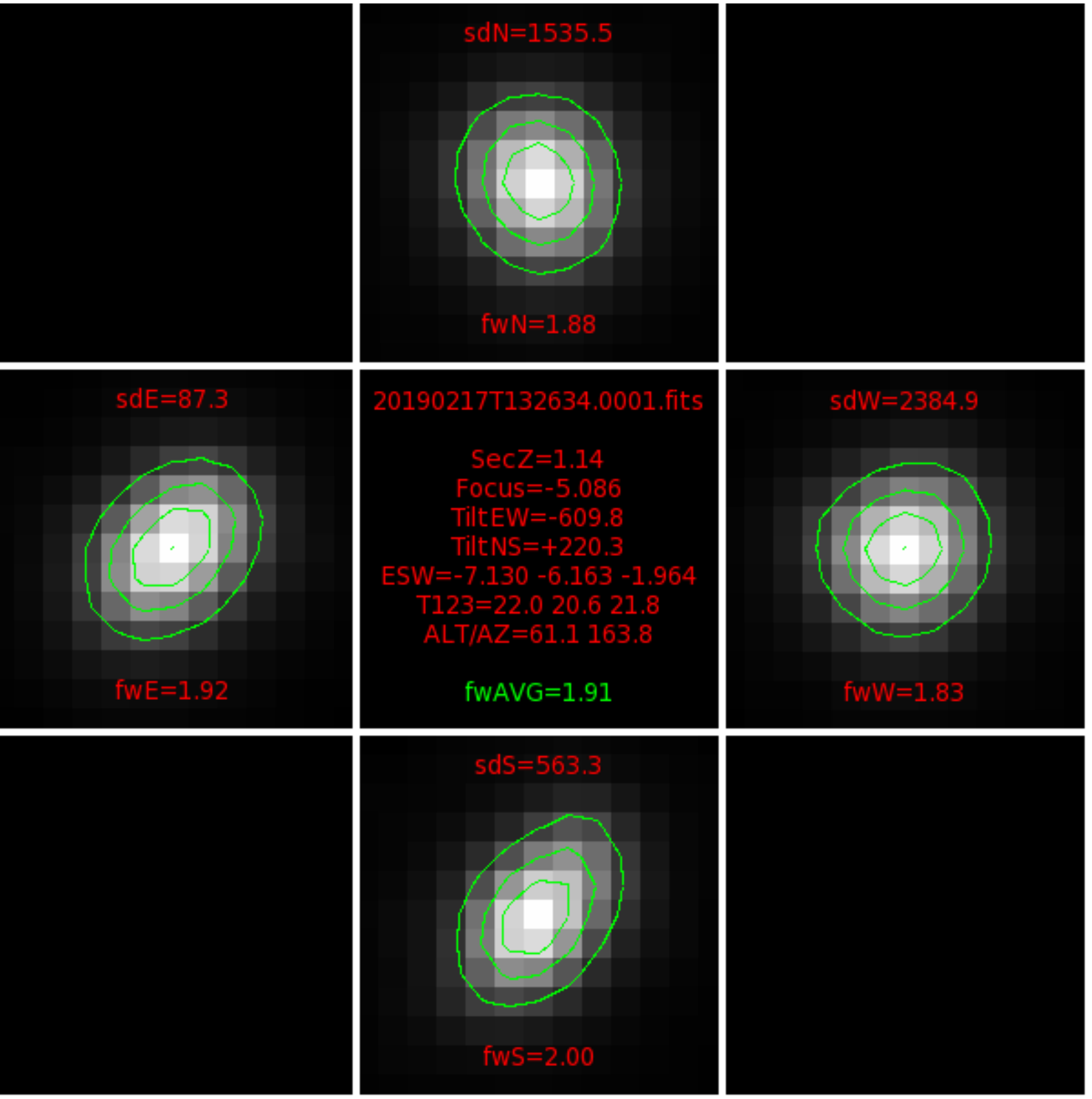
sdN=1535.5
fwN=1.88
sdE=87.3
fwE=1.92
20190217T132634.0001.fits
SecZ=1.14
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.0 20.6 21.8
ALT/AZ=61.1 163.8
fwAVG=1.91
sdW=2384.9
fwW=1.83
sdS=563.3
fwS=2.00
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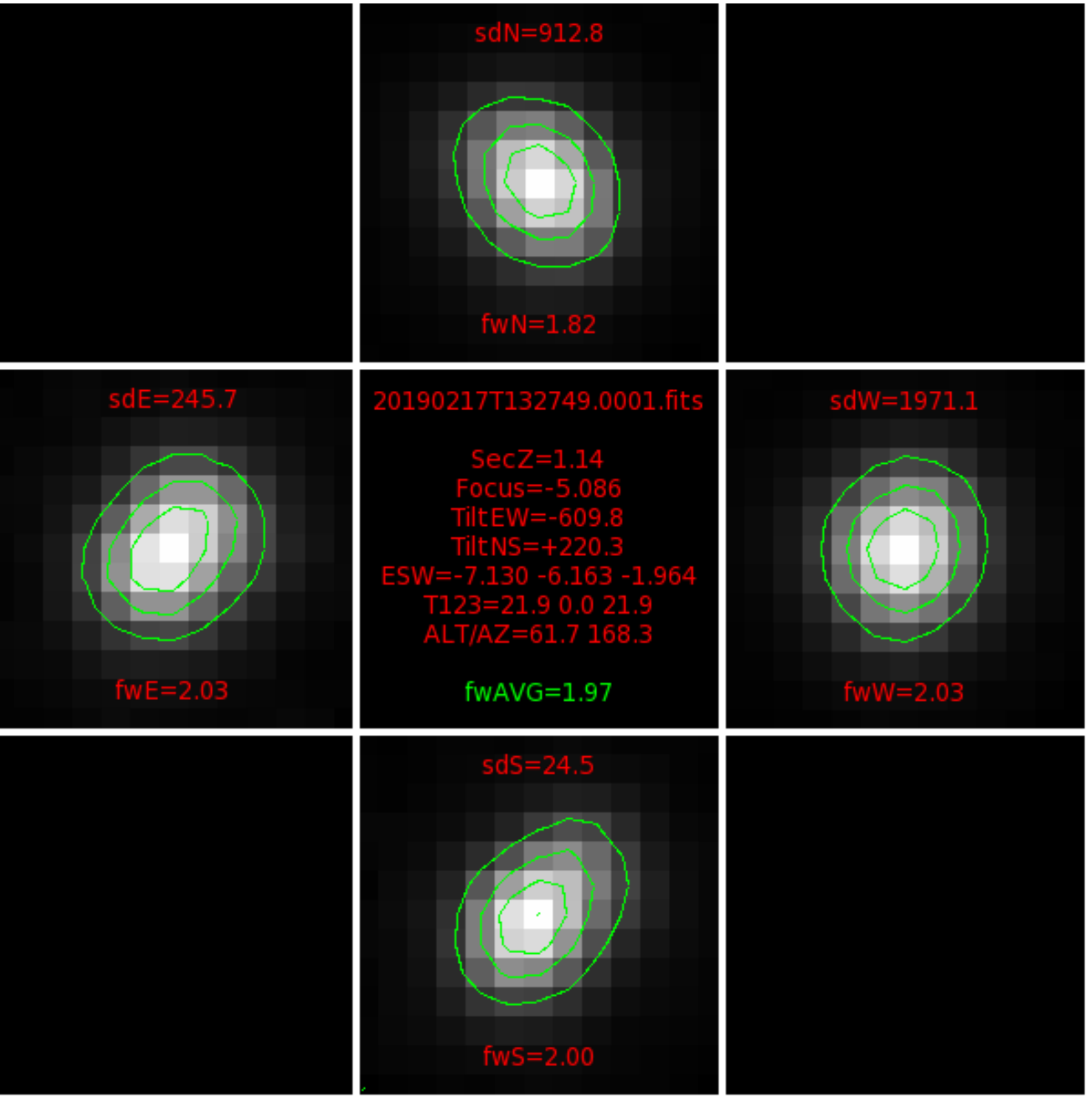
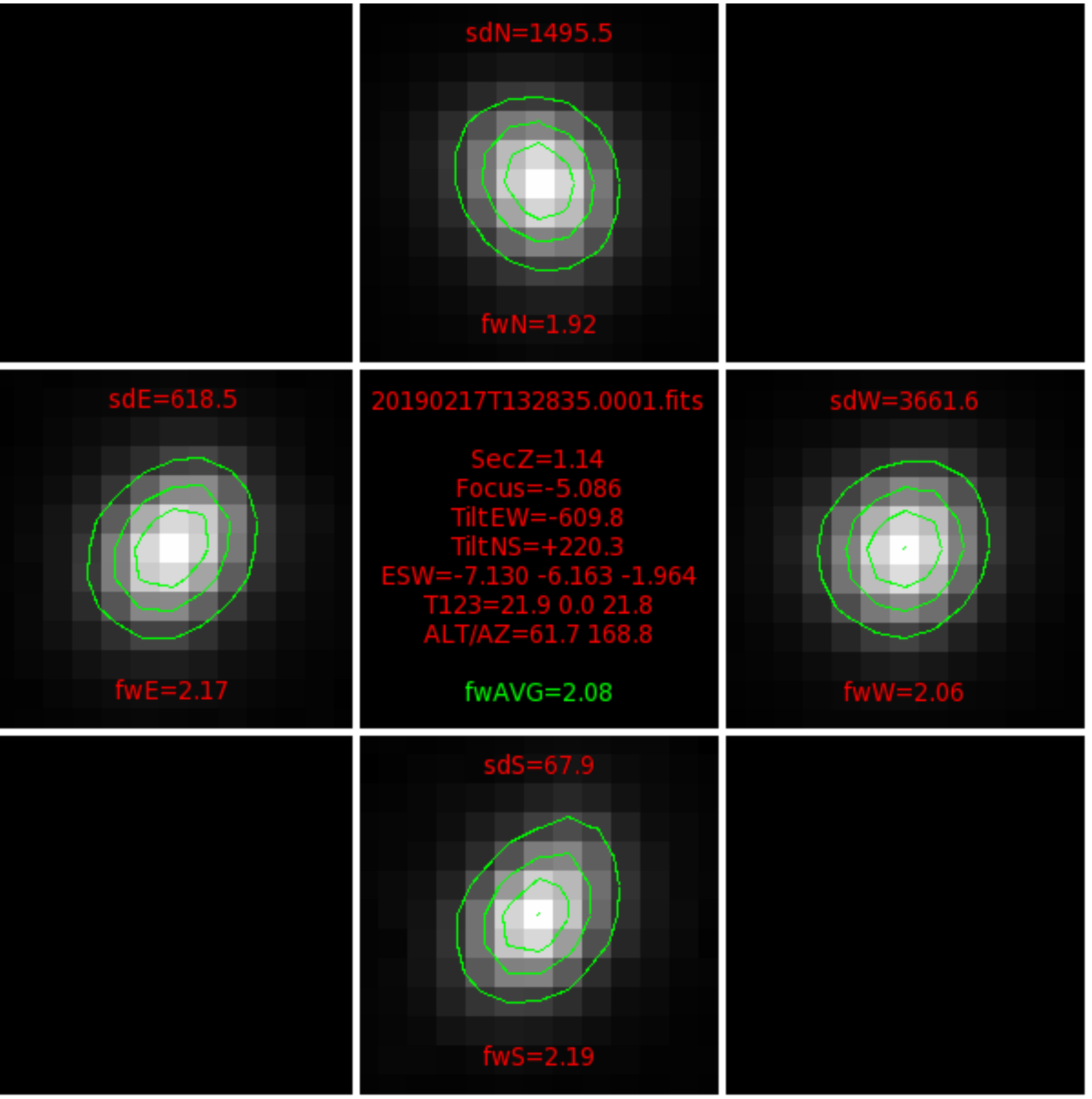

sdN=912.8
fwN=1.82
sdE=245.7
fwE=2.03
20190217T132749.0001.fits
SecZ=1.14
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.9 0.0 21.9
ALT/AZ=61.7 168.3
fwAVG=1.97
sdW=1971.1
fwW=2.03
sdS=24.5
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=1495.5
fwN=1.92
sdE=618.5
fwE=2.17
20190217T132835.0001.fits
SecZ=1.14
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.9 0.0 21.8
ALT/AZ=61.7 168.8
fwAVG=2.08
sdW=3661.6
fwW=2.06
sdS=67.9
fwS=2.19
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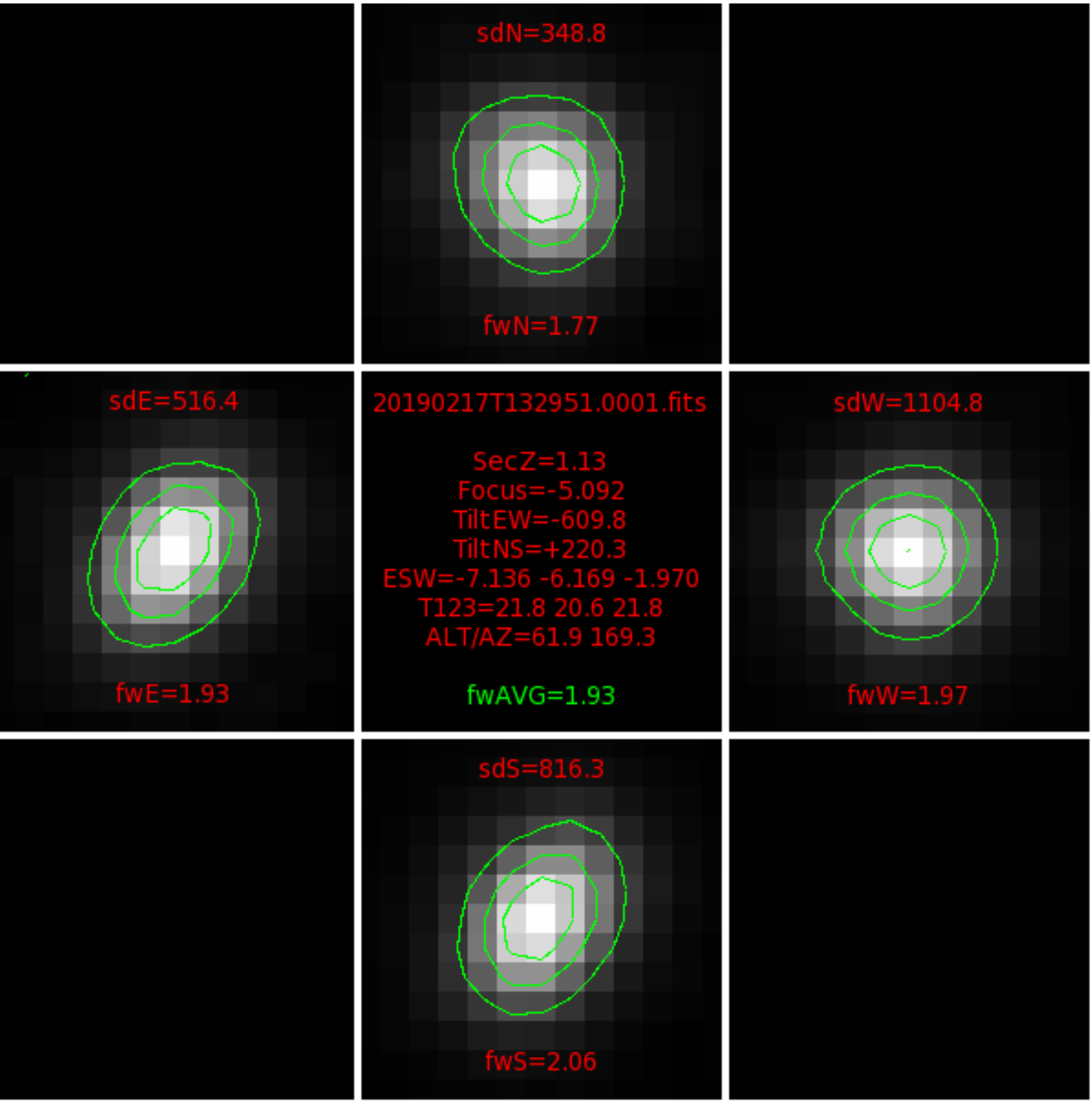
sdN=348.8
fwN=1.77
sdE=516.4
fwE=1.93
20190217T132951.0001.fits
SecZ=1.13
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=21.8 20.6 21.8
ALT/AZ=61.9 169.3
fwAVG=1.93
sdW=1104.8
fwW=1.97
sdS=816.3
fwS=2.06
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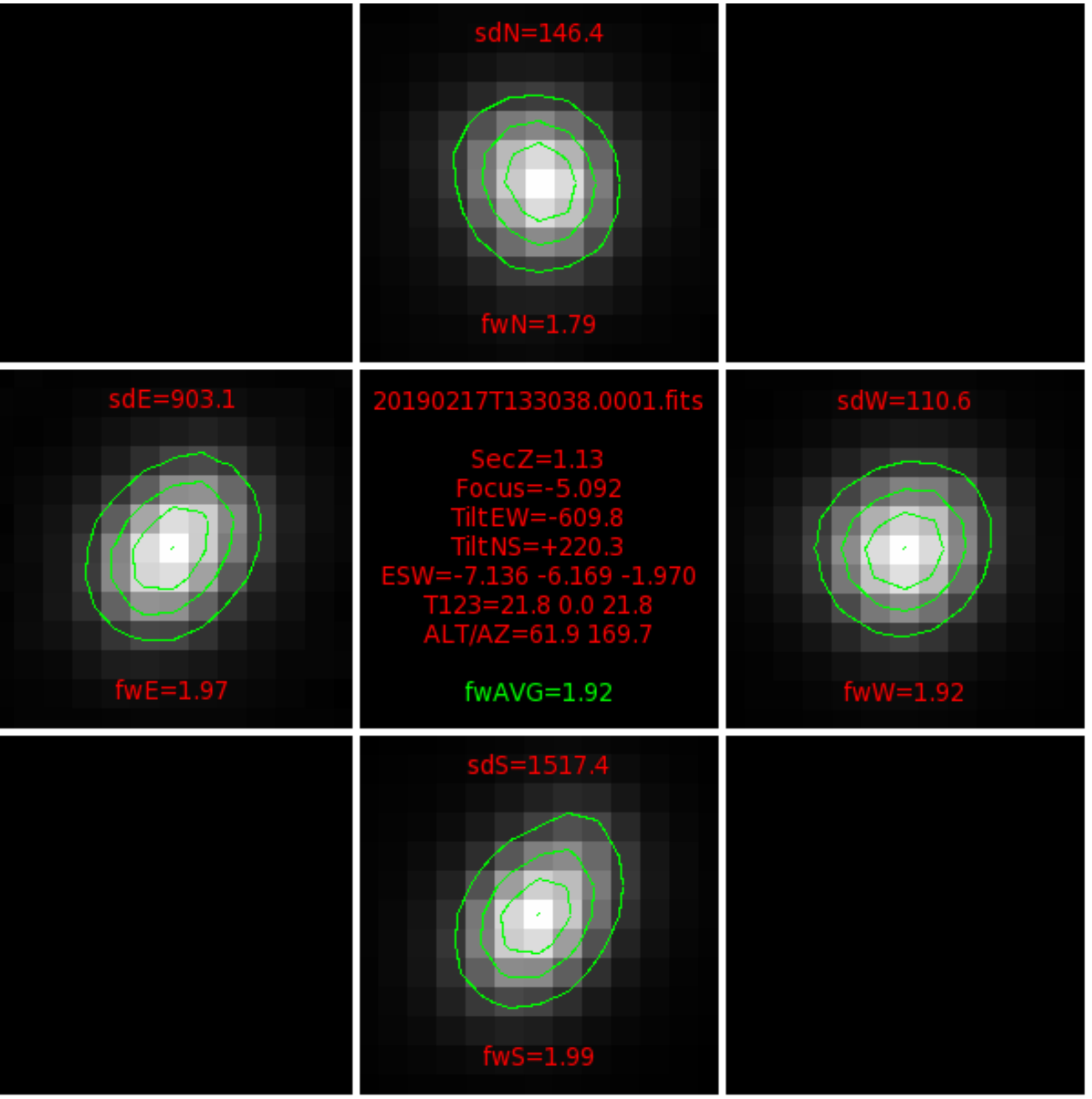
sdN=146.4
fwN=1.79
sdE=903.1
fwE=1.97
20190217T133038.0001.fits
SecZ=1.13
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=21.8 0.0 21.8
ALT/AZ=61.9 169.7
fwAVG=1.92
sdW=110.6
fwW=1.92
sdS=1517.4
fwS=1.99
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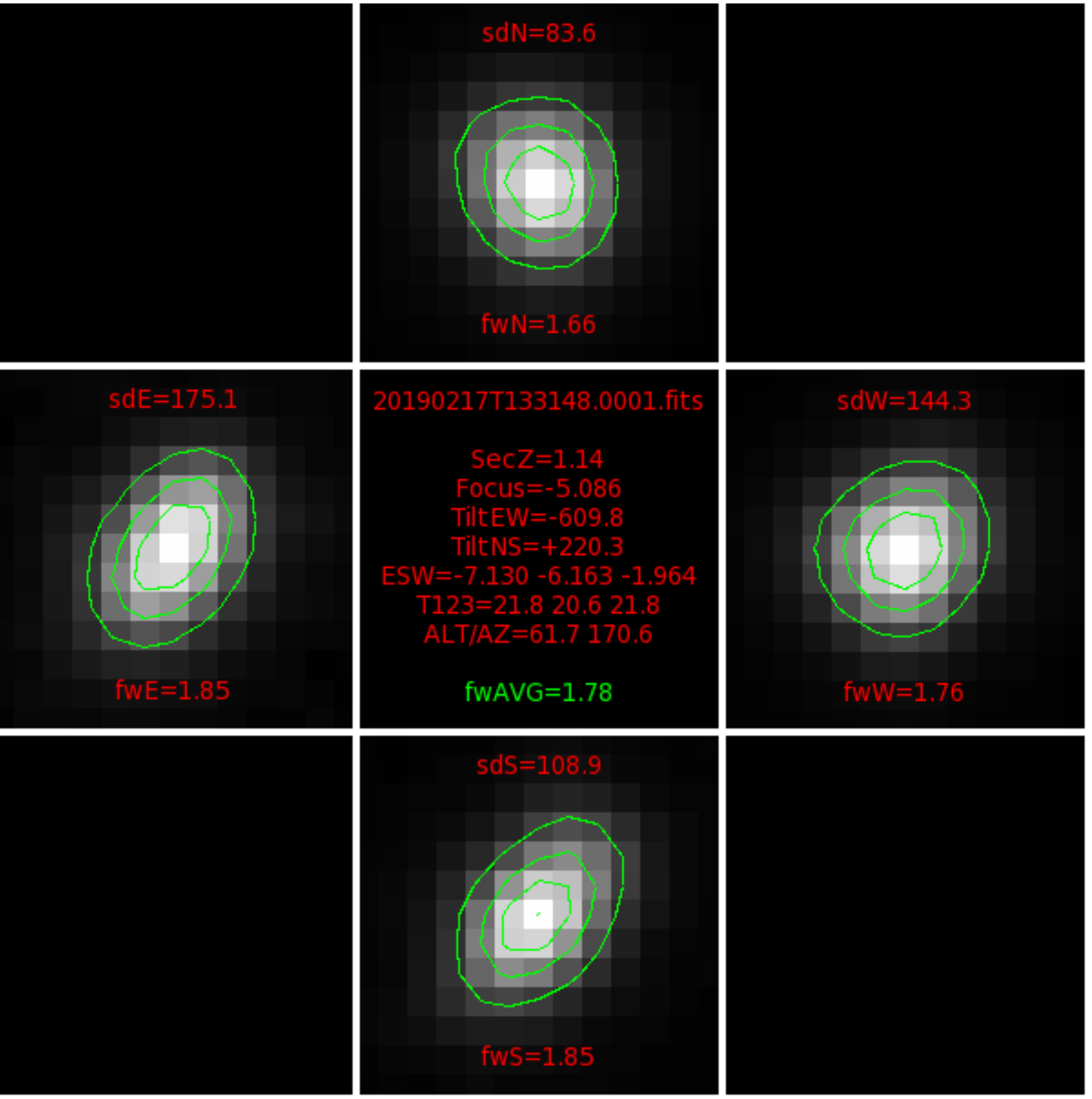
sdN=83.6
fwN=1.66
sdE=175.1
fwE=1.85
20190217T133148.0001.fits
SecZ=1.14
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.8 20.6 21.8
ALT/AZ=61.7 170.6
fwAVG=1.78
sdW=144.3
fwW=1.76
sdS=108.9
fwS=1.85
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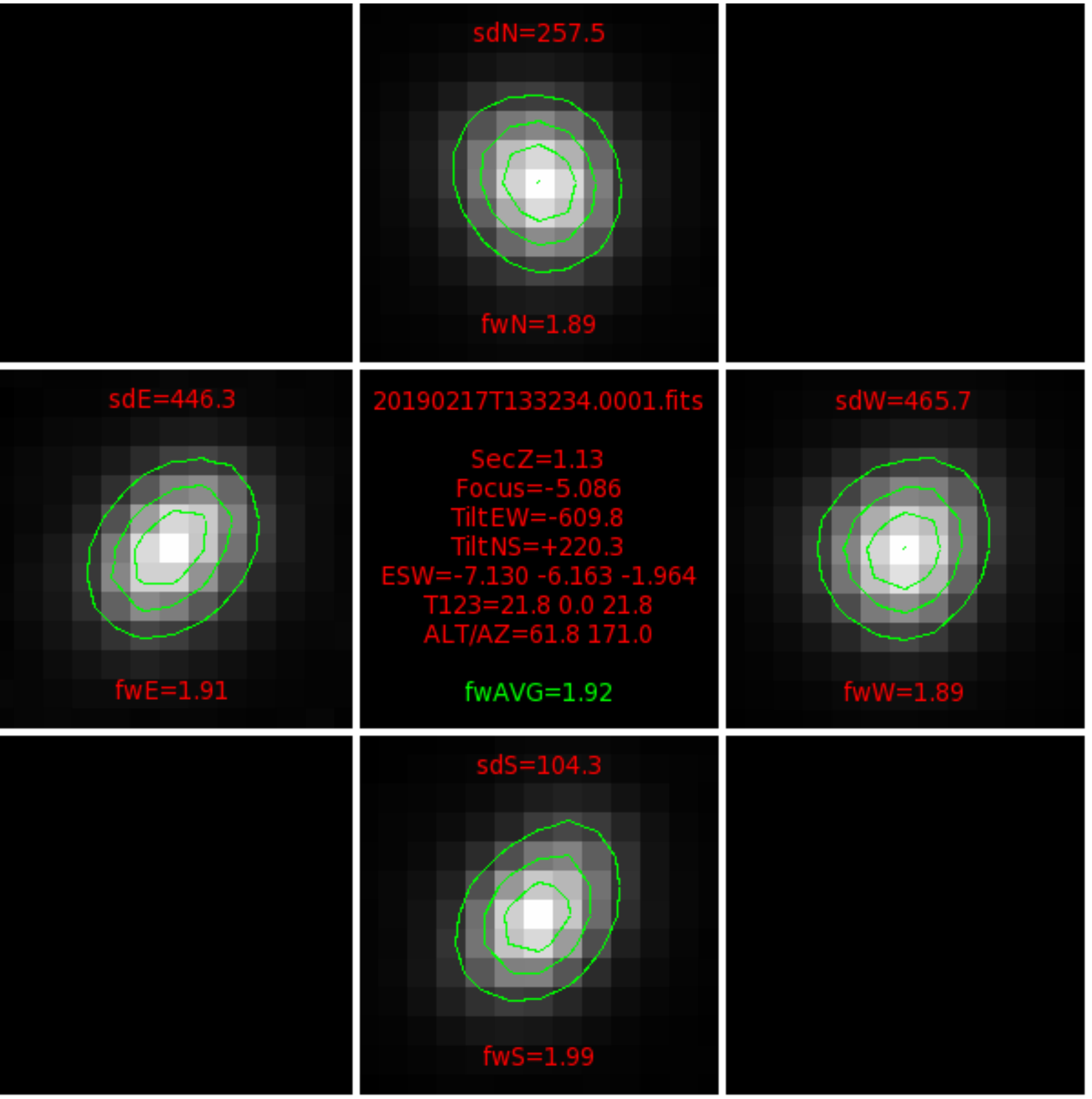
sdN=257.5
fwN=1.89
sdE=446.3
fwE=1.91
20190217T133234.0001.fits
SecZ=1.13
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.8 0.0 21.8
ALT/AZ=61.8 171.0
fwAVG=1.92
sdW=465.7
fwW=1.89
sdS=104.3
fwS=1.99
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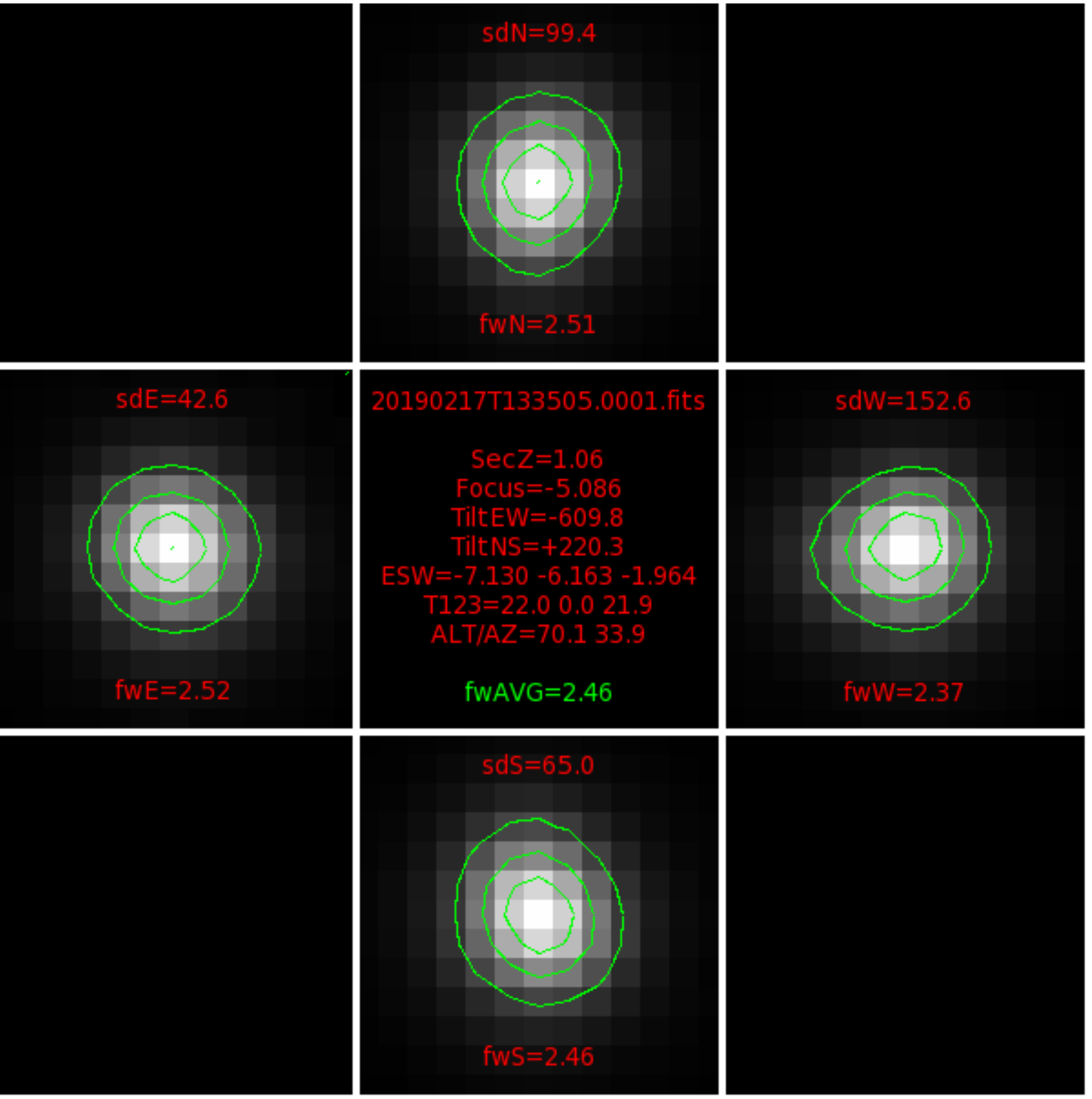
sdN=99.4
fwN=2.51
sdE=42.6
fwE=2.52
20190217T133505.0001.fits
SecZ=1.06
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.0 0.0 21.9
ALT/AZ=70.1 33.9
fwAVG=2.46
sdW=152.6
fwW=2.37
sdS=65.0
fwS=2.46
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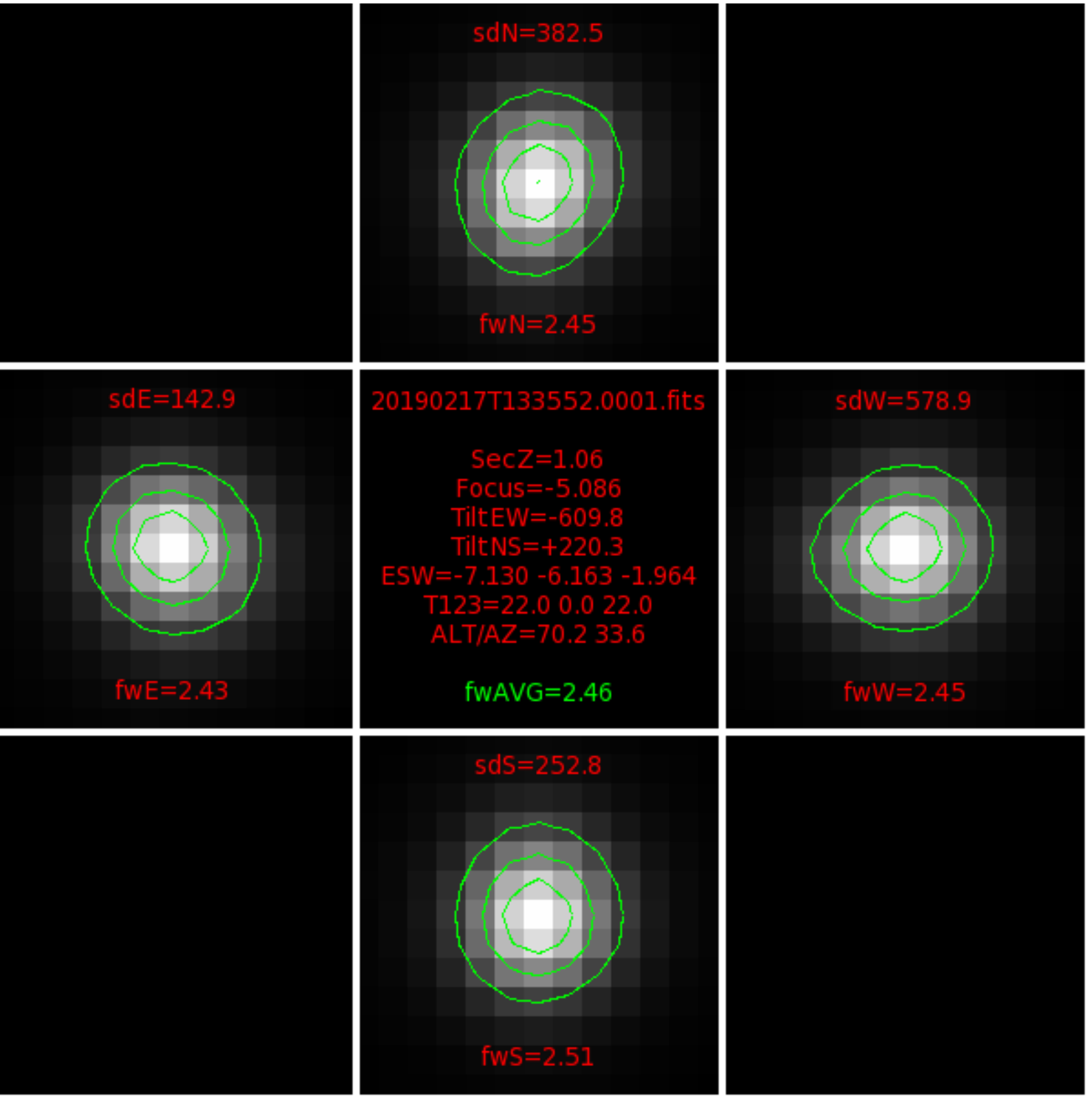
sdN=382.5
fwN=2.45
sdE=142.9
fwE=2.43
20190217T133552.0001.fits
SecZ=1.06
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=22.0 0.0 22.0
ALT/AZ=70.2 33.6
fwAVG=2.46
sdW=578.9
fwW=2.45
sdS=252.8
fwS=2.51
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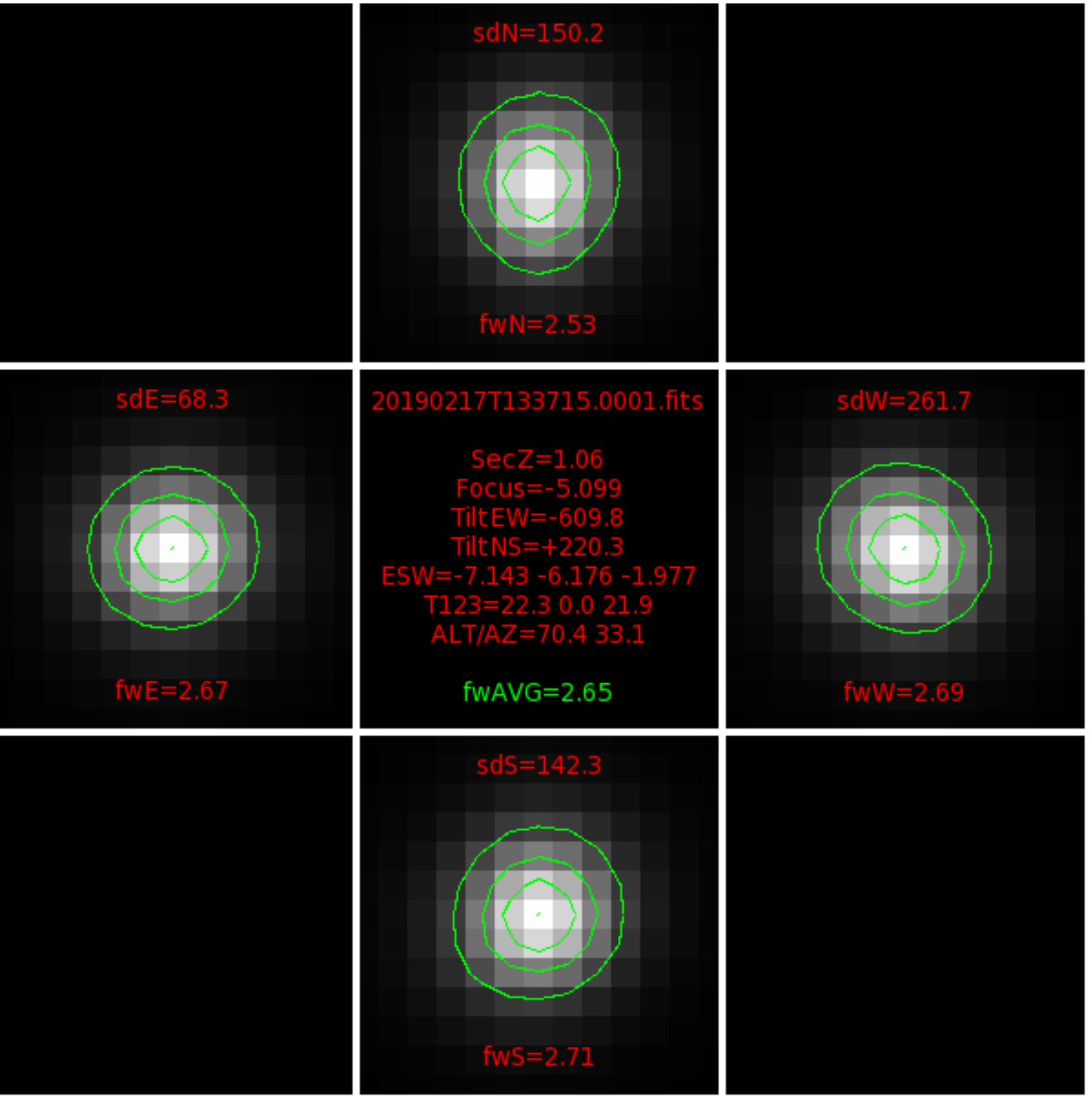
sdN=150.2
fwN=2.53
sdE=68.3
fwE=2.67
20190217T133715.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.3 0.0 21.9
ALT/AZ=70.4 33.1
fwAVG=2.65
sdW=261.7
fwW=2.69
sdS=142.3
fwS=2.71
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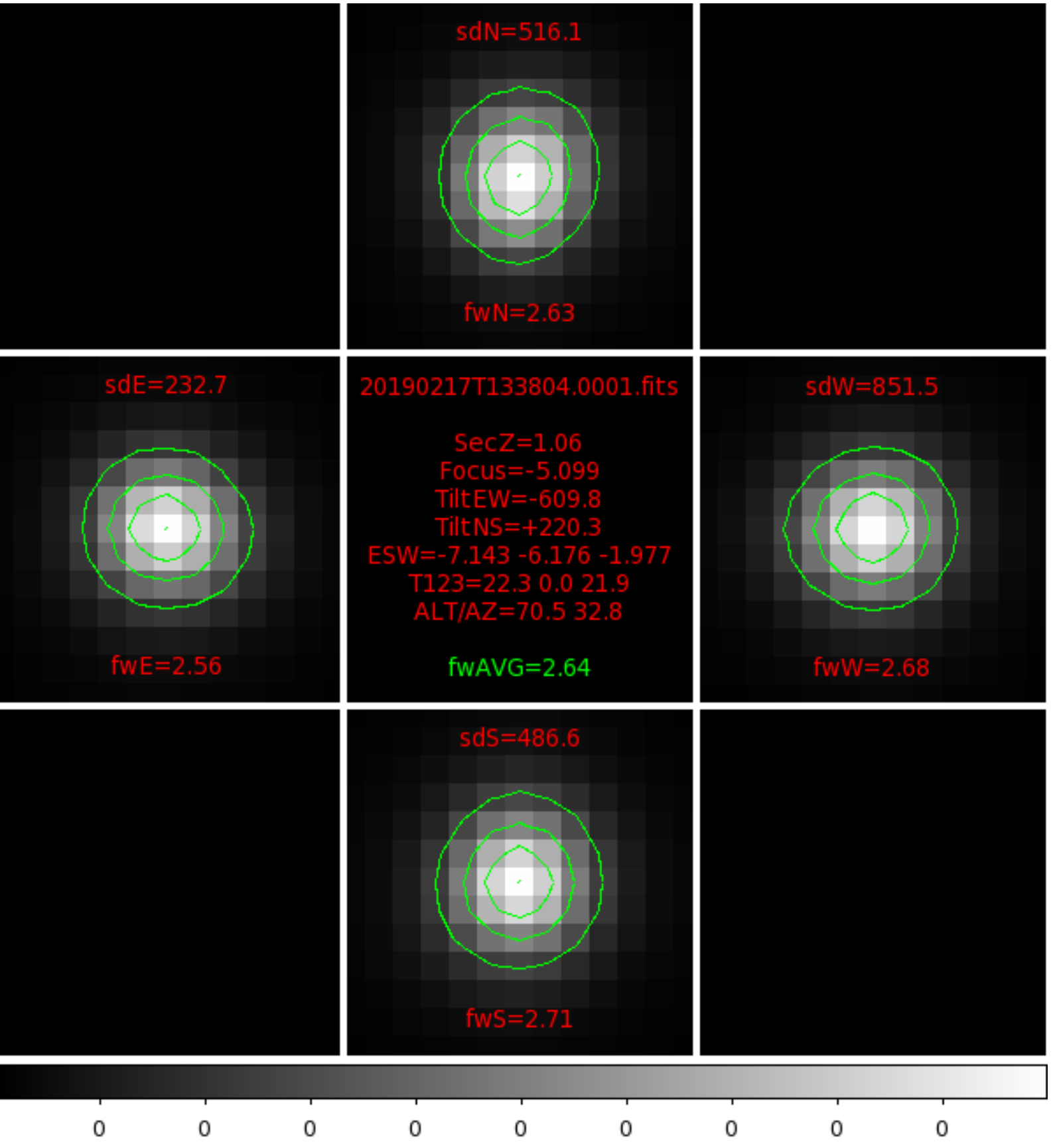
sdN=516.1
fwN=2.63
sdE=232.7
fwE=2.56
20190217T133804.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.3 0.0 21.9
ALT/AZ=70.5 32.8
fwAVG=2.64
sdW=851.5
fwW=2.68
sdS=486.6
fwS=2.71
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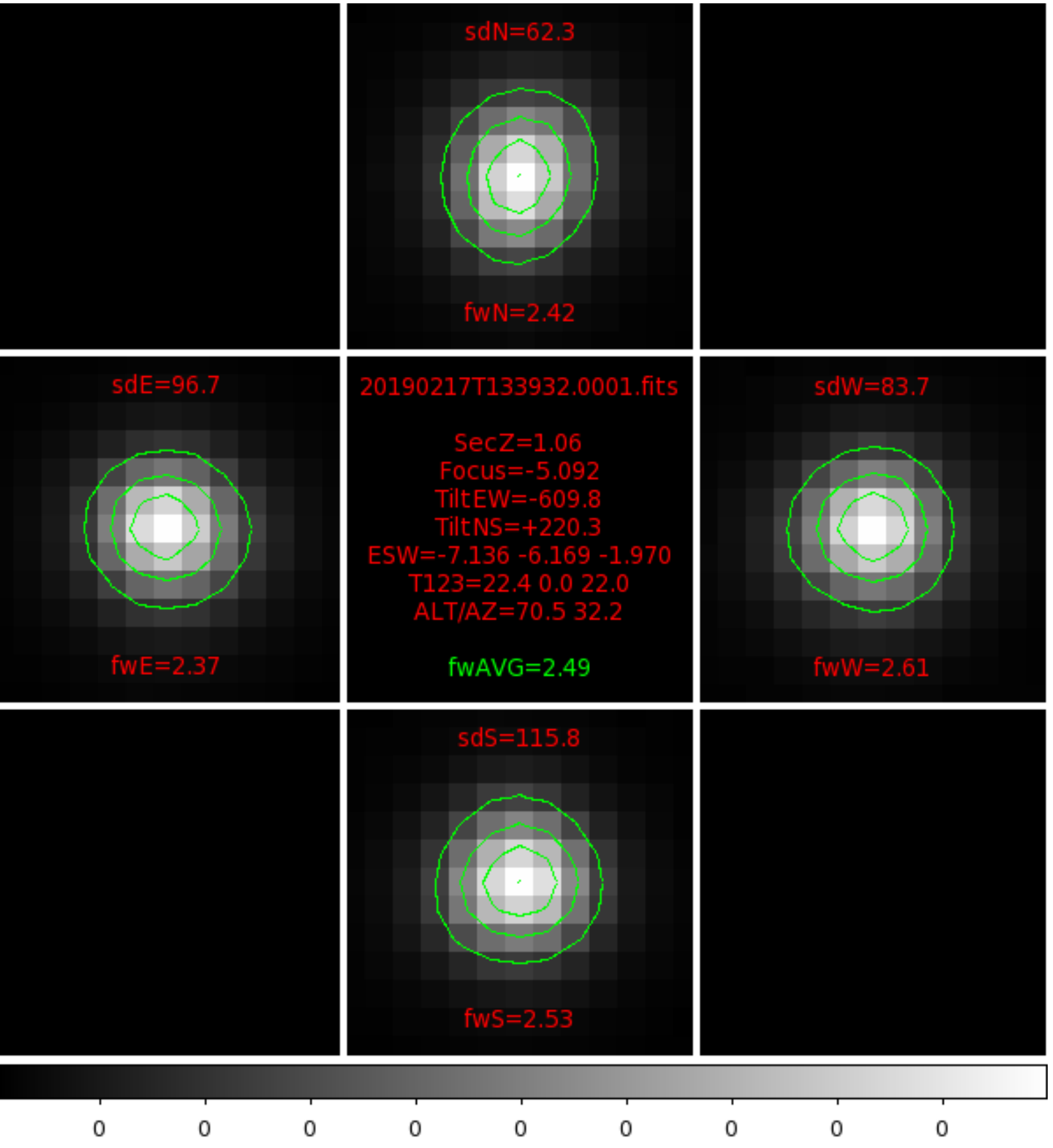
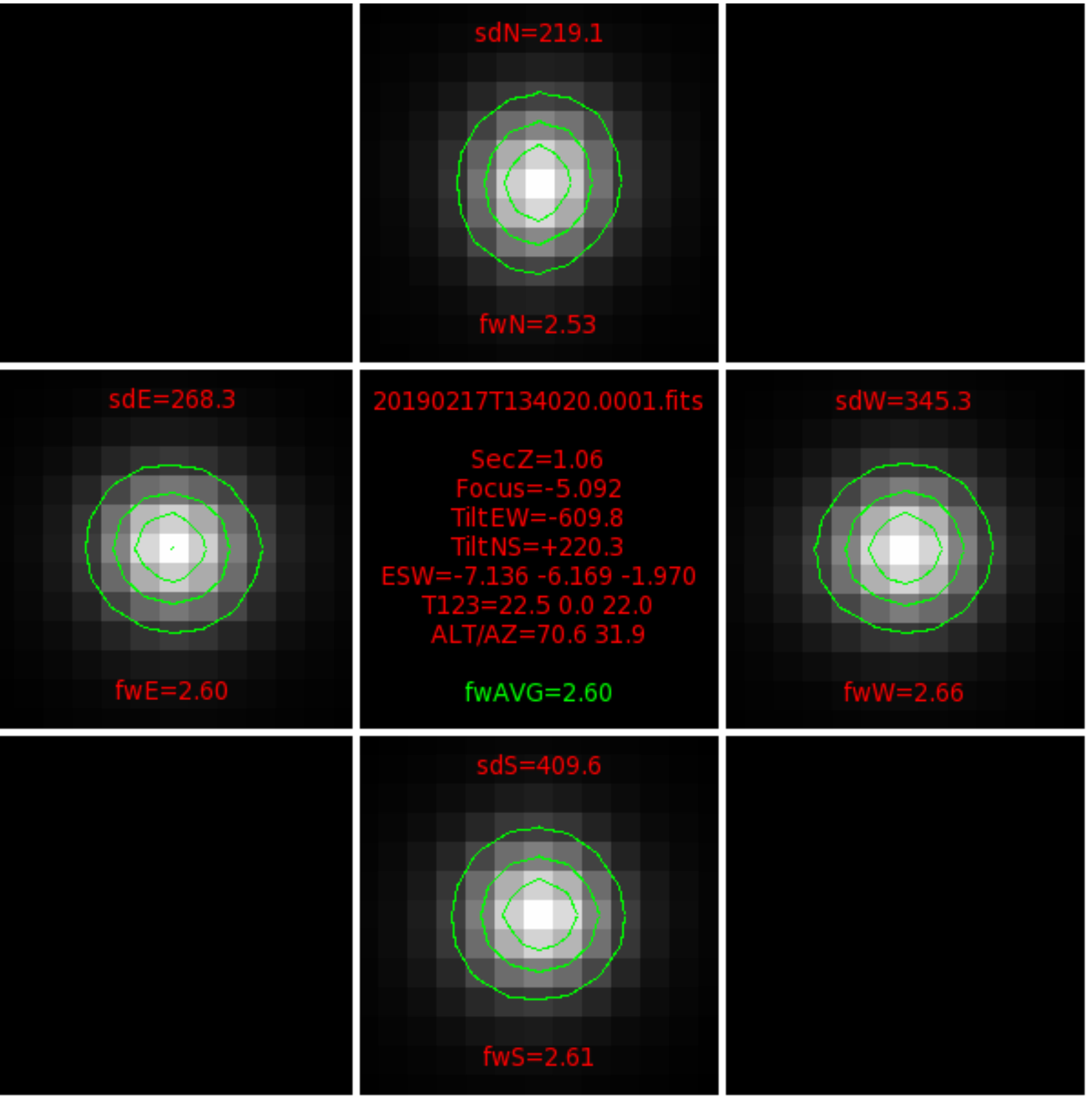
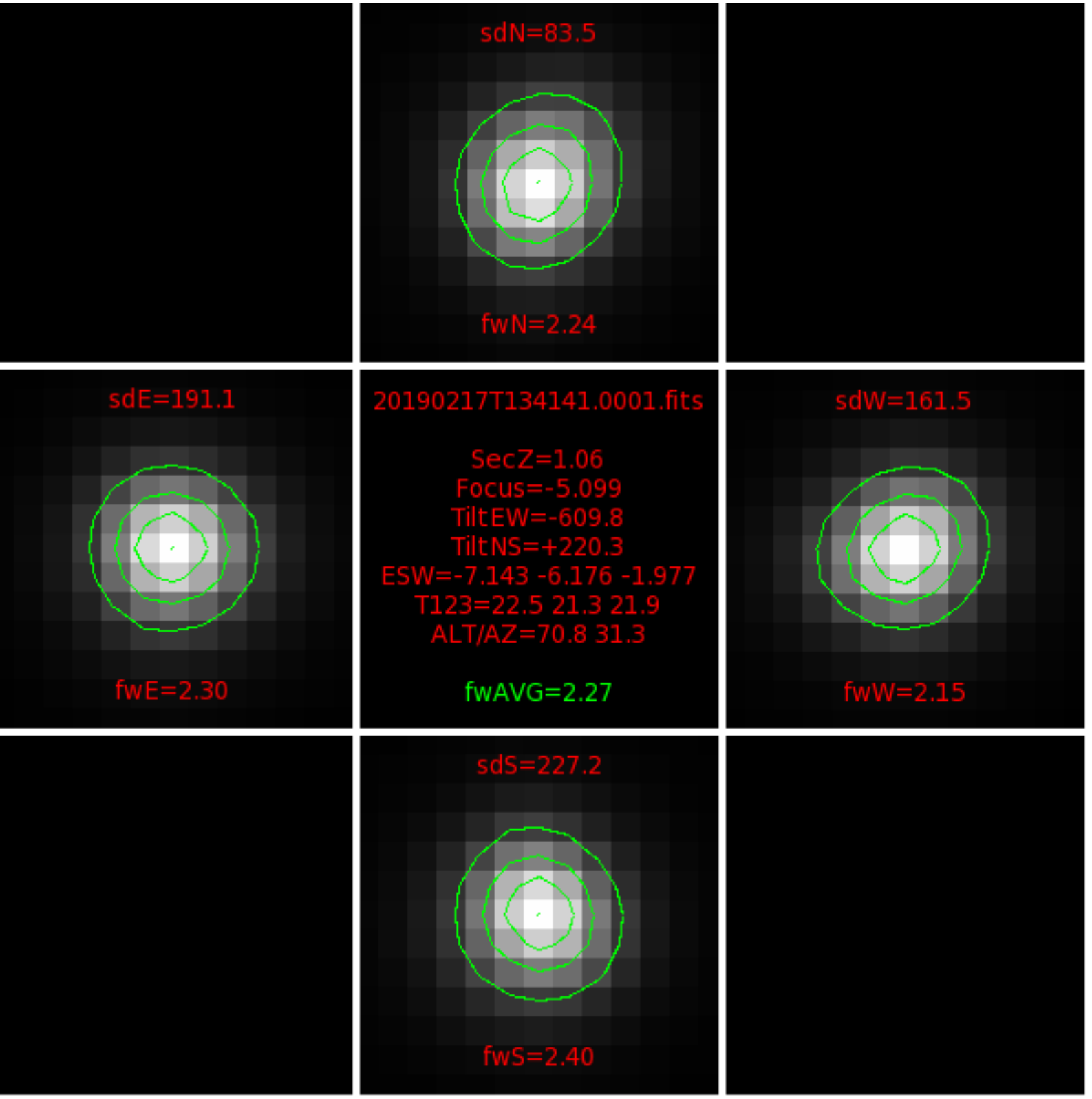
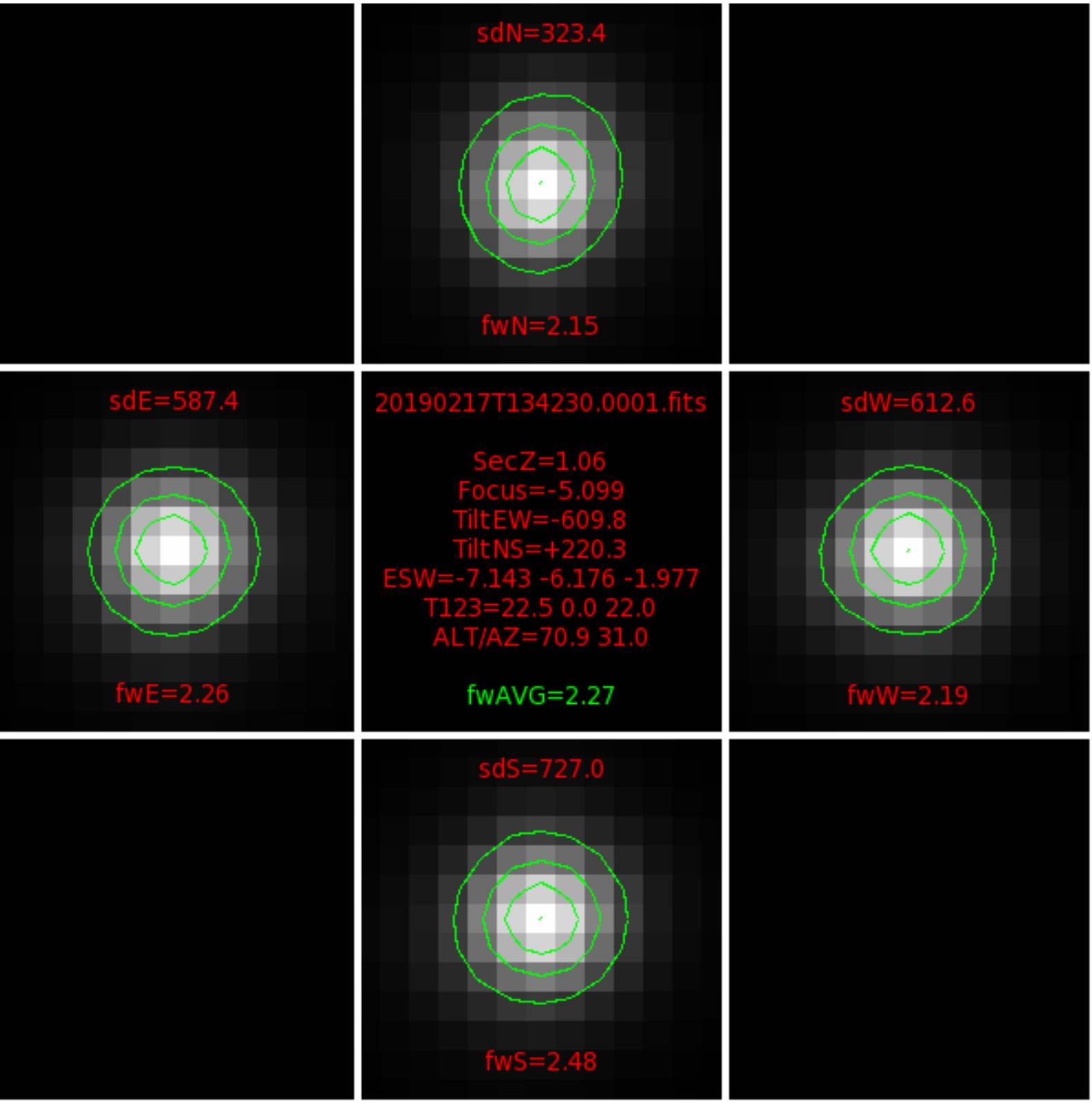
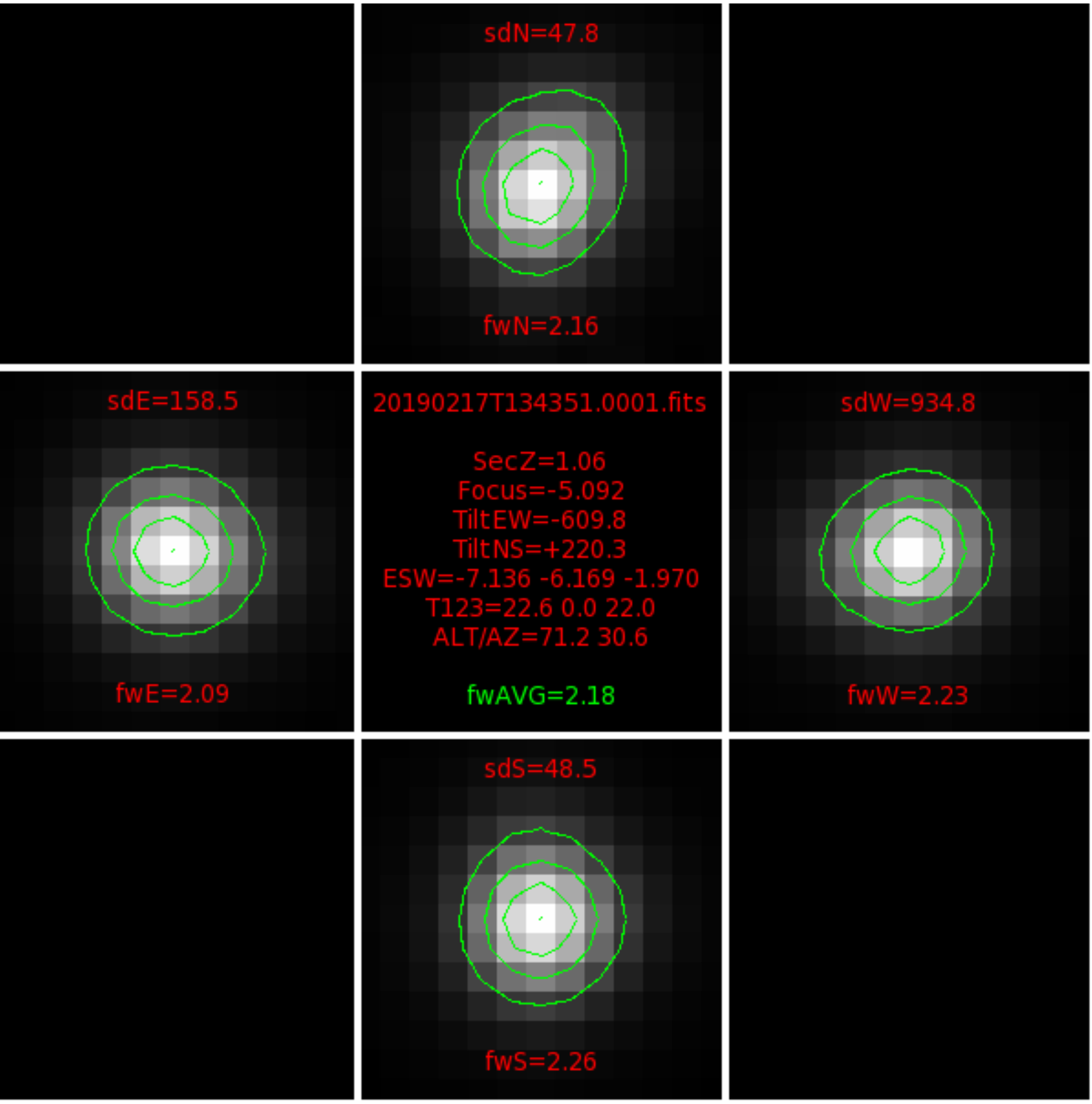

sdN=62.3
fwN=2.42
sdE=96.7
fwE=2.37
20190217T133932.0001.fits
SecZ=1.06
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.4 0.0 22.0
ALT/AZ=70.5 32.2
fwAVG=2.49
sdW=83.7
fwW=2.61
sdS=115.8
fwS=2.53
0 0 0 0 0 0 0 0 0


sdN=219.1
fwN=2.53
sdE=268.3
fwE=2.60
20190217T134020.0001.fits
SecZ=1.06
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.5 0.0 22.0
ALT/AZ=70.6 31.9
fwAVG=2.60
sdW=345.3
fwW=2.66
sdS=409.6
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=83.5
fwN=2.24
sdE=191.1
fwE=2.30
20190217T134141.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.5 21.3 21.9
ALT/AZ=70.8 31.3
fwAVG=2.27
sdW=161.5
fwW=2.15
sdS=227.2
fwS=2.40
0 0 0 0 0 0 0 0 0


sdN=323.4
fwN=2.15
sdE=587.4
fwE=2.26
20190217T134230.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.5 0.0 22.0
ALT/AZ=70.9 31.0
fwAVG=2.27
sdW=612.6
fwW=2.19
sdS=727.0
fwS=2.48
0 0 0 0 0 0 0 0 0


sdN=47.8
fwN=2.16
sdE=158.5
fwE=2.09
20190217T134351.0001.fits
SecZ=1.06
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.6 0.0 22.0
ALT/AZ=71.2 30.6
fwAVG=2.18
sdW=934.8
fwW=2.23
sdS=48.5
fwS=2.26
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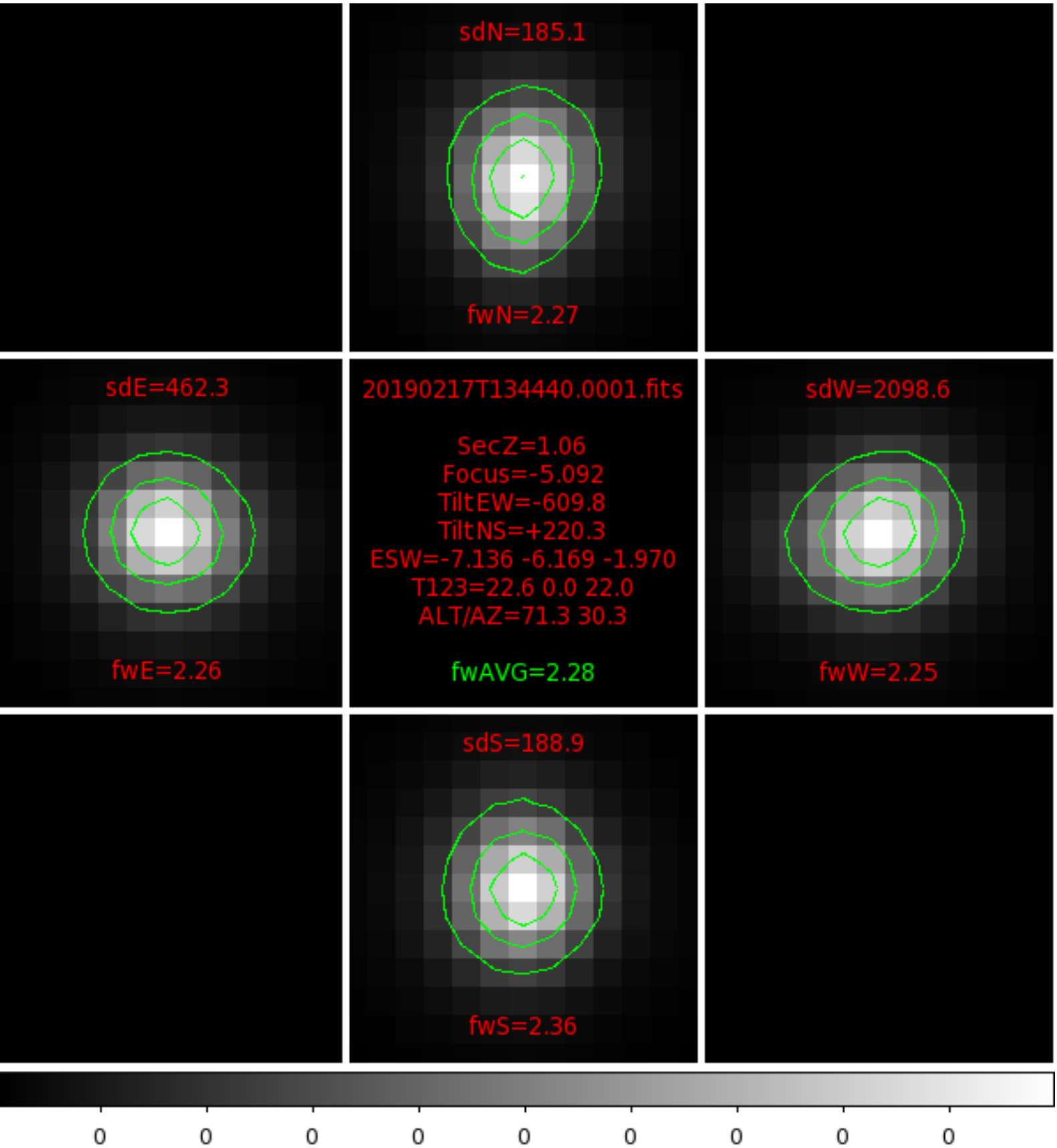
sdN=185.1
fwN=2.27
sdE=462.3
fwE=2.26
20190217T134440.0001.fits
SecZ=1.06
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=22.6 0.0 22.0
ALT/AZ=71.3 30.3
fwAVG=2.28
sdW=2098.6
fwW=2.25
sdS=188.9
fwS=2.36
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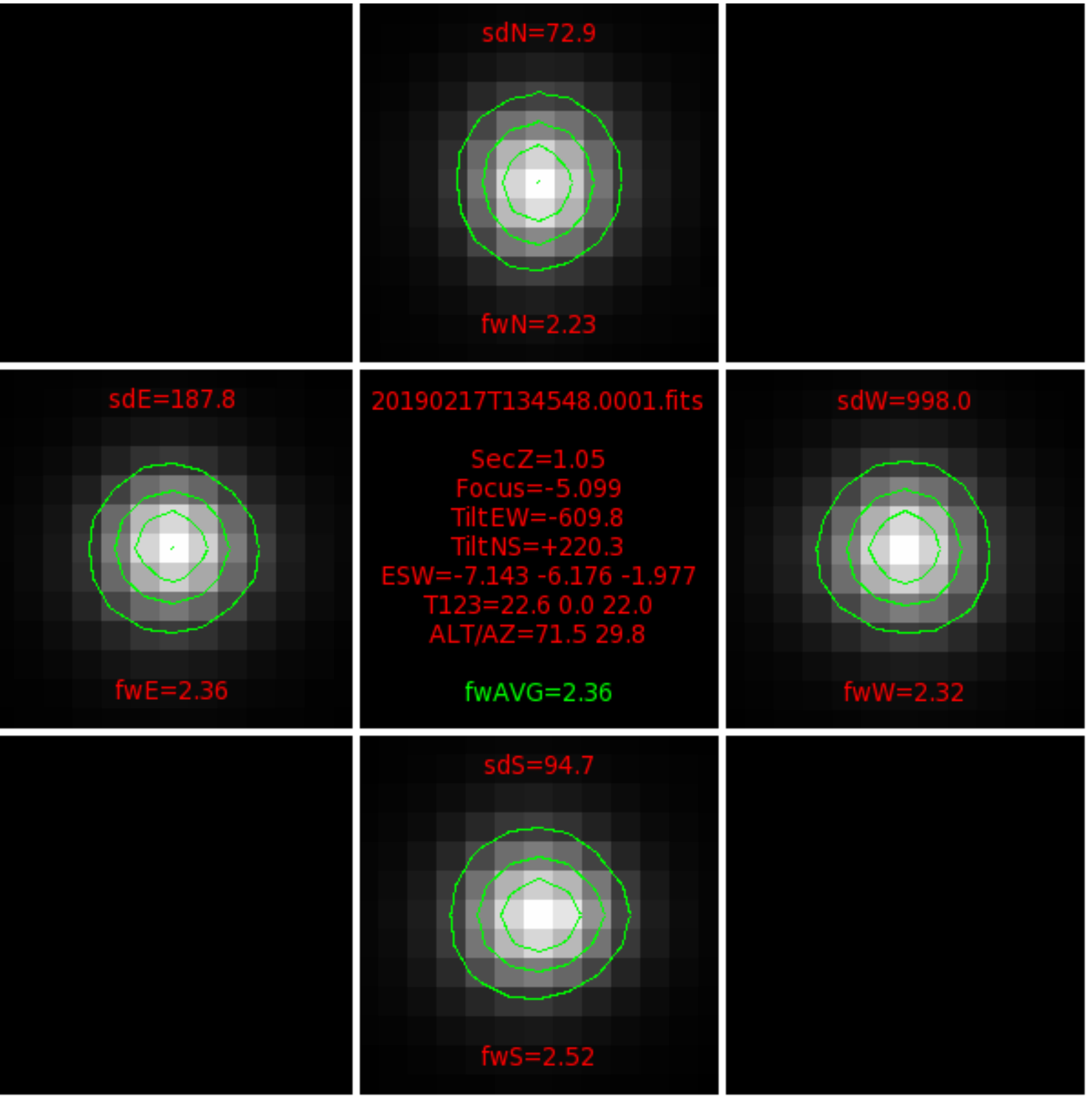
sdN=72.9
fwN=2.23
sdE=187.8
fwE=2.36
20190217T134548.0001.fits
SecZ=1.05
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 0.0 22.0
ALT/AZ=71.5 29.8
fwAVG=2.36
sdW=998.0
fwW=2.32
sdS=94.7
fwS=2.52
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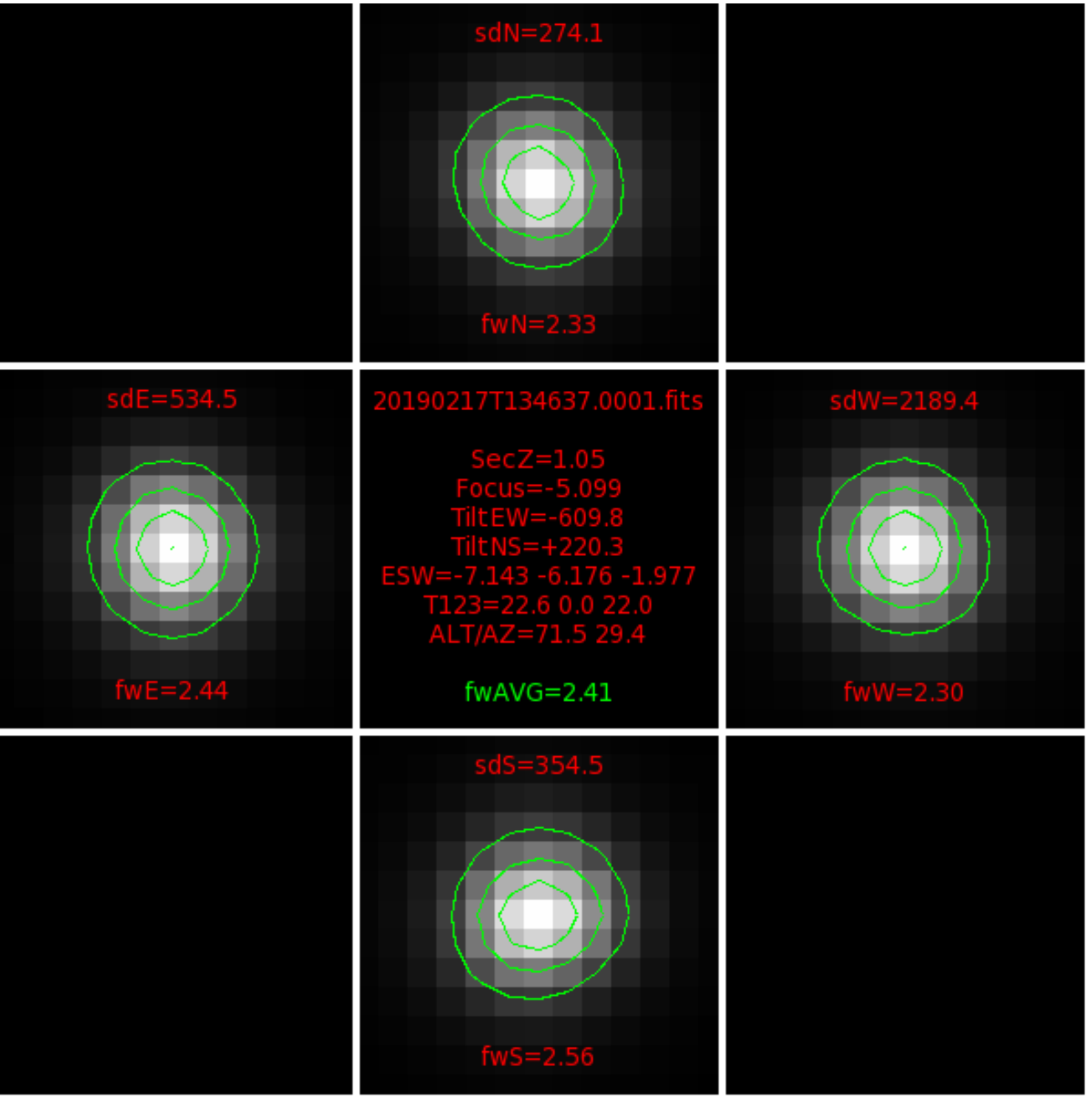
sdN=274.1
fwN=2.33
sdE=534.5
fwE=2.44
20190217T134637.0001.fits
SecZ=1.05
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 0.0 22.0
ALT/AZ=71.5 29.4
fwAVG=2.41
sdW=2189.4
fwW=2.30
sdS=354.5
fwS=2.56
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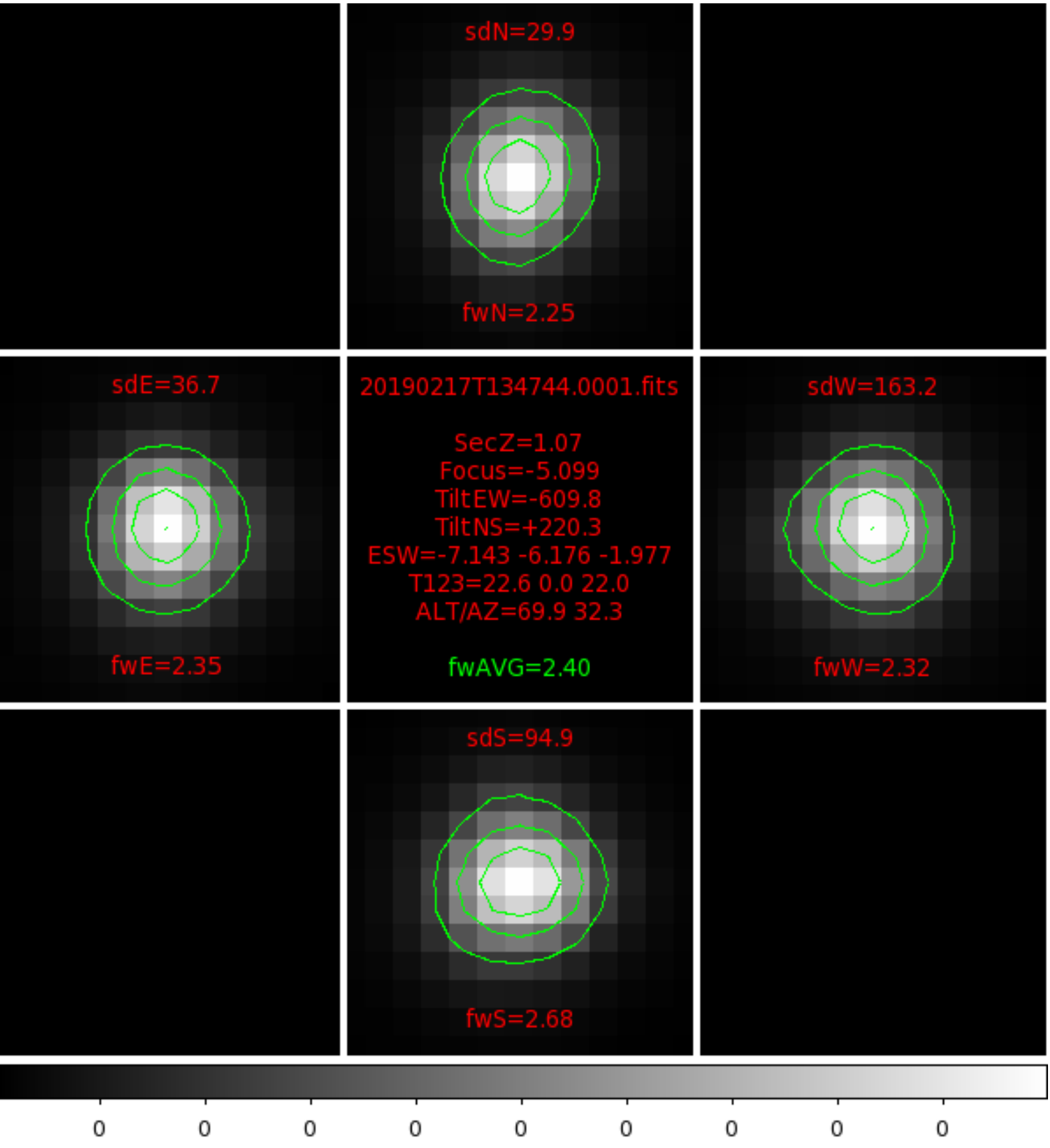
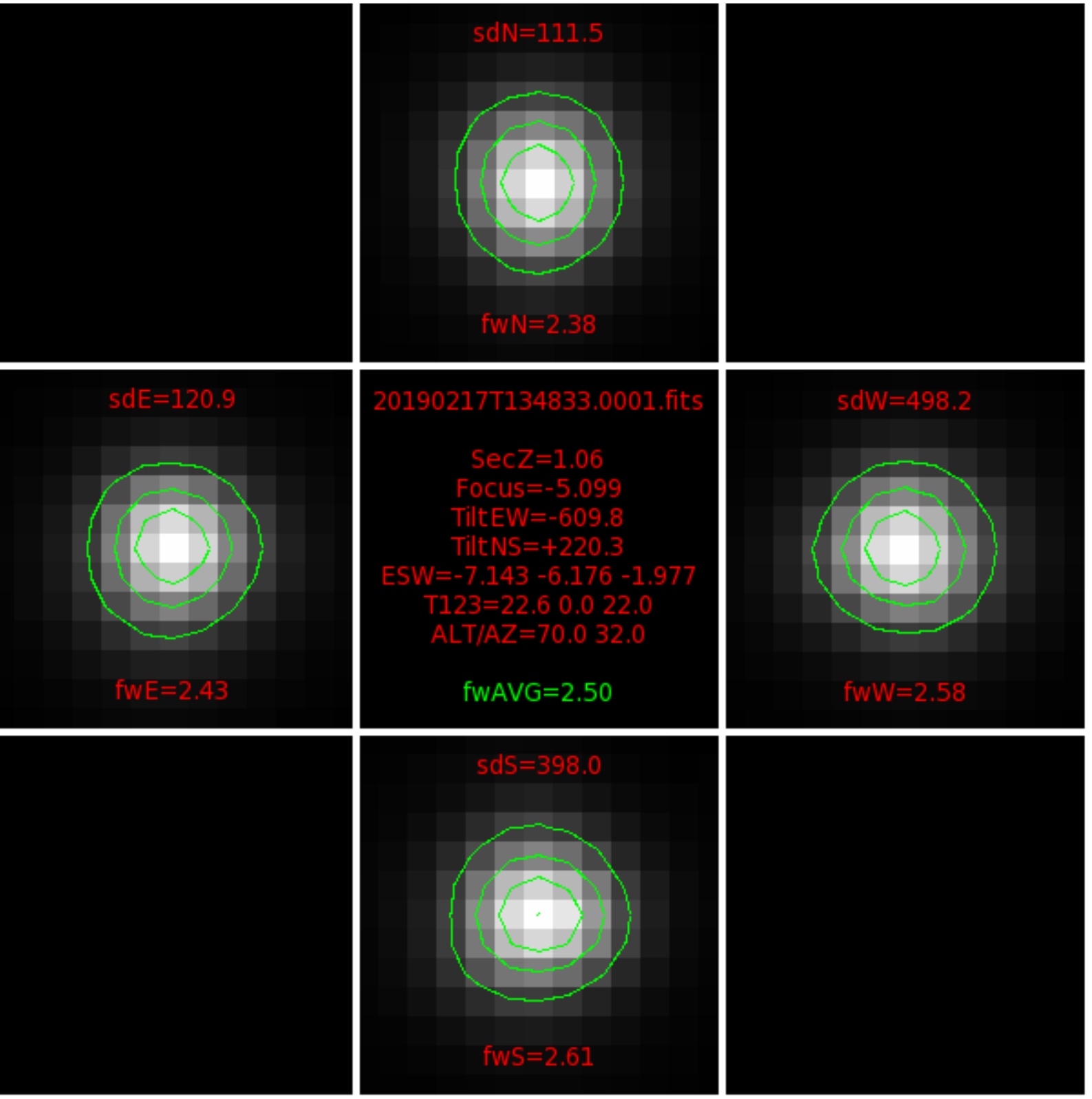
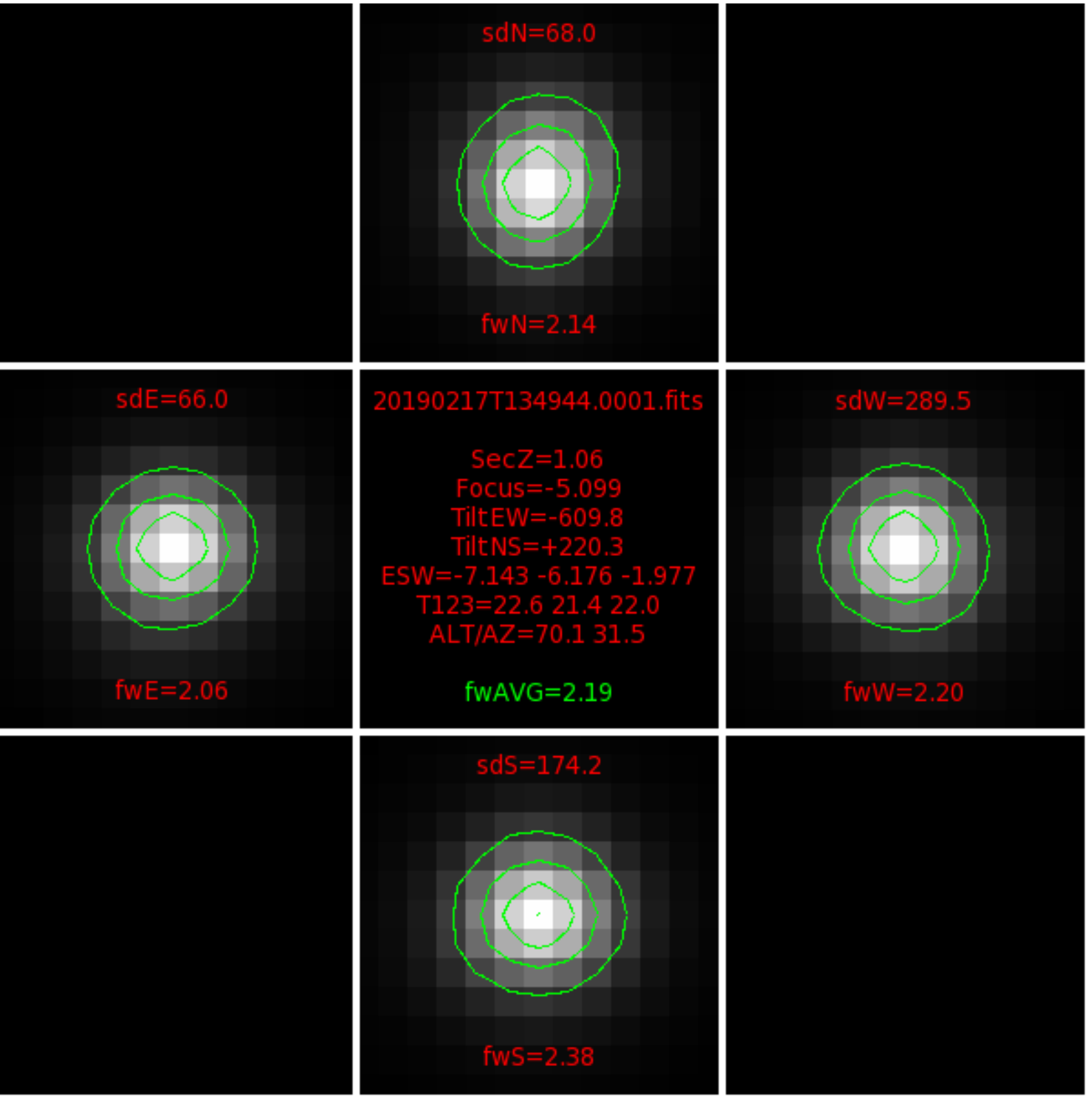
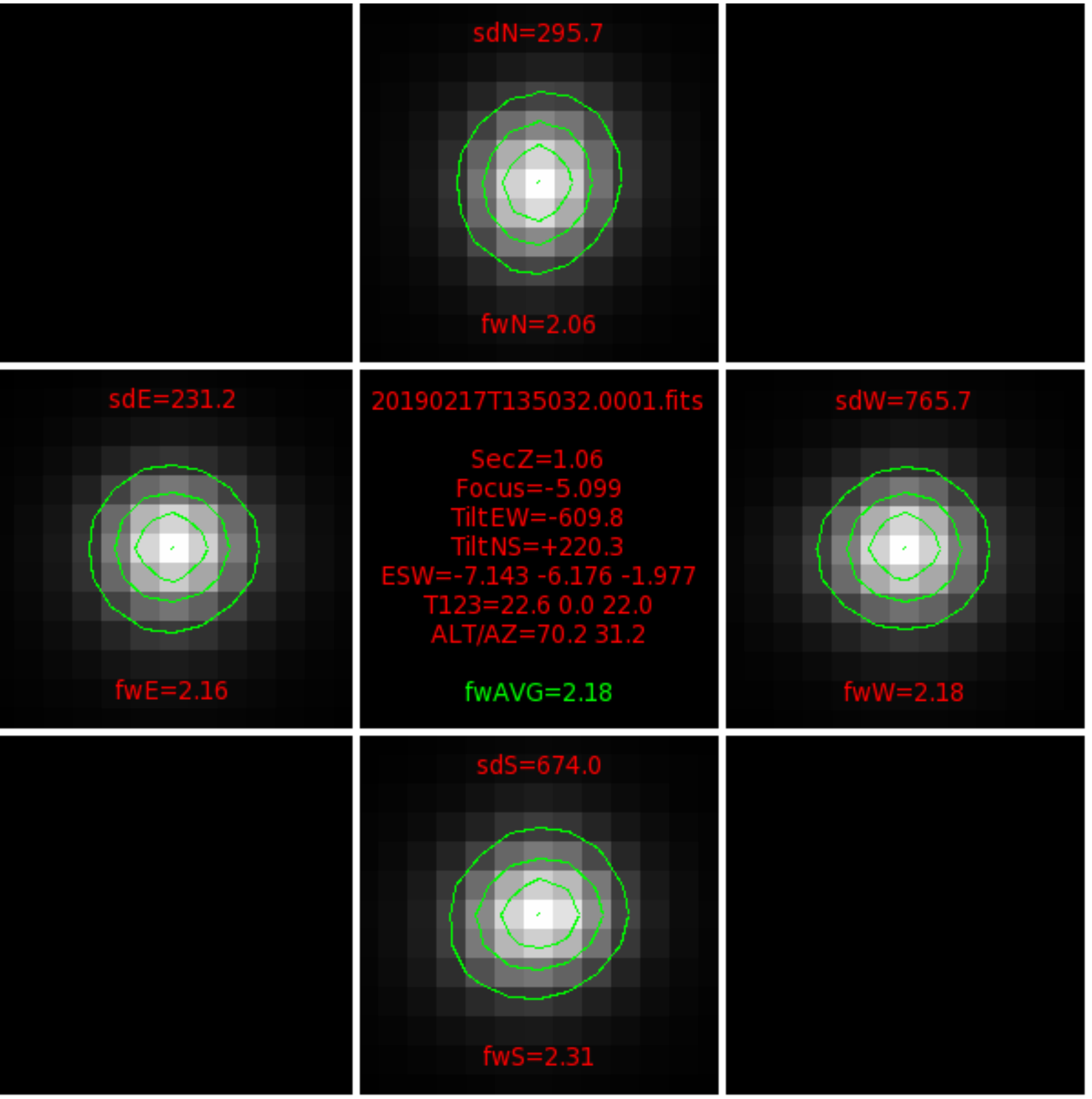
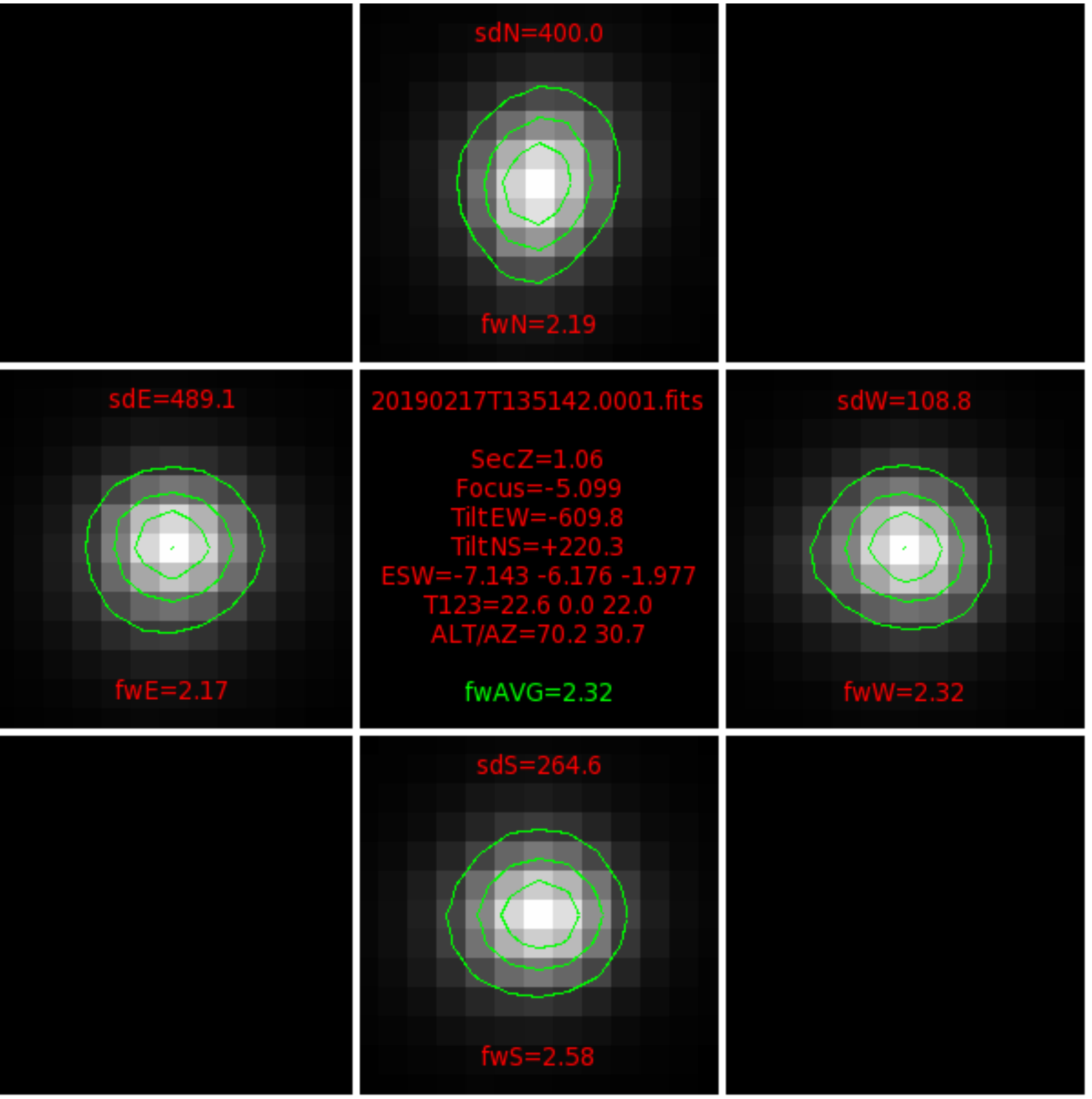

sdN=29.9
fwN=2.25
sdE=36.7
fwE=2.35
20190217T134744.0001.fits
SecZ=1.07
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 0.0 22.0
ALT/AZ=69.9 32.3
fwAVG=2.40
sdW=163.2
fwW=2.32
sdS=94.9
fwS=2.68
0 0 0 0 0 0 0 0 0


sdN=111.5
fwN=2.38
sdE=120.9
fwE=2.43
20190217T134833.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 0.0 22.0
ALT/AZ=70.0 32.0
fwAVG=2.50
sdW=498.2
fwW=2.58
sdS=398.0
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=68.0
fwN=2.14
sdE=66.0
fwE=2.06
20190217T134944.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 21.4 22.0
ALT/AZ=70.1 31.5
fwAVG=2.19
sdW=289.5
fwW=2.20
sdS=174.2
fwS=2.38
0 0 0 0 0 0 0 0 0


sdN=295.7
fwN=2.06
sdE=231.2
fwE=2.16
20190217T135032.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 0.0 22.0
ALT/AZ=70.2 31.2
fwAVG=2.18
sdW=765.7
fwW=2.18
sdS=674.0
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=400.0
fwN=2.19
sdE=489.1
fwE=2.17
20190217T135142.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 0.0 22.0
ALT/AZ=70.2 30.7
fwAVG=2.32
sdW=108.8
fwW=2.32
sdS=264.6
fwS=2.58
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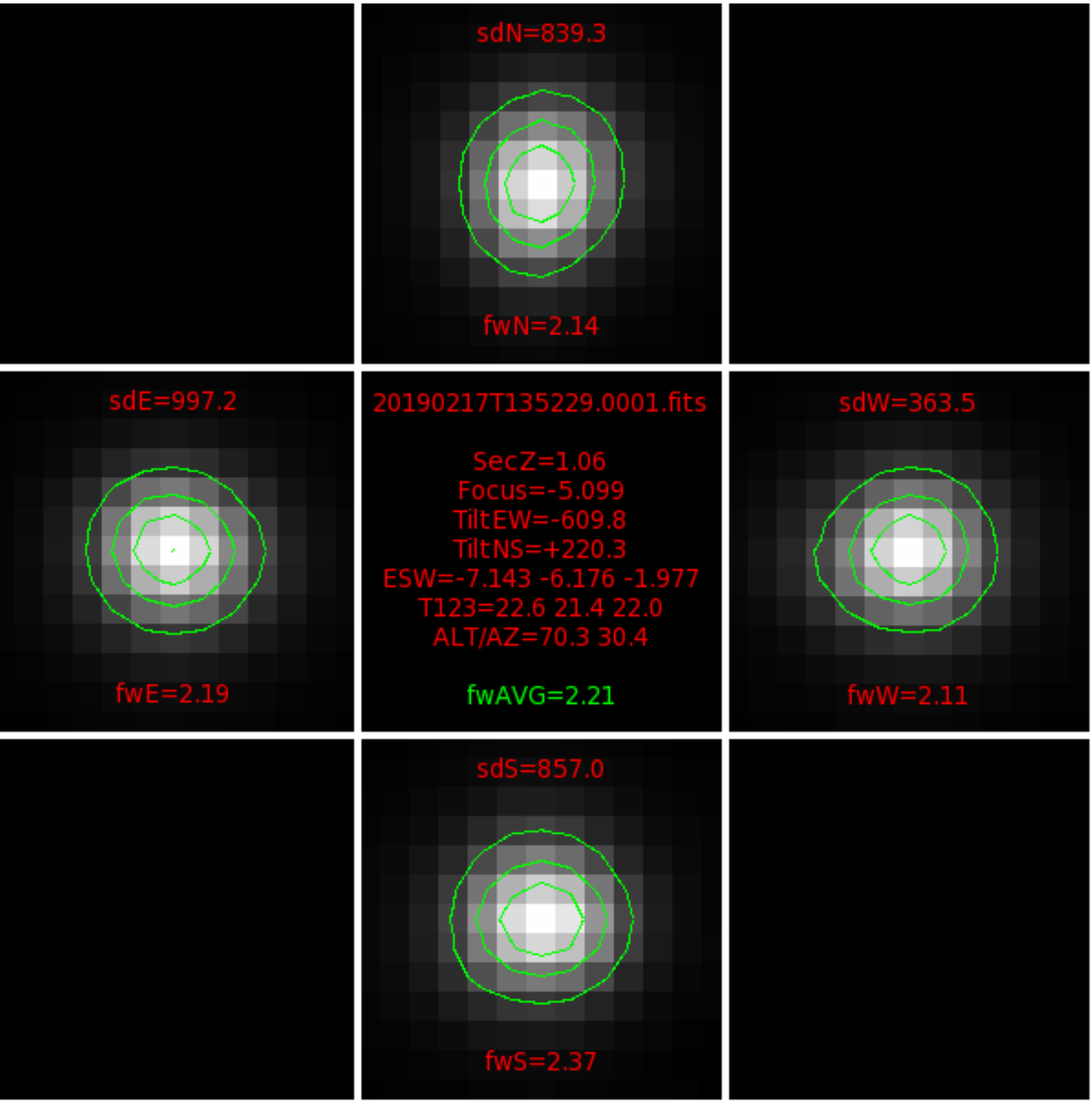
sdN=839.3
fwN=2.14
sdE=997.2
fwE=2.19
20190217T135229.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 21.4 22.0
ALT/AZ=70.3 30.4
fwAVG=2.21
sdW=363.5
fwW=2.11
sdS=857.0
fwS=2.37
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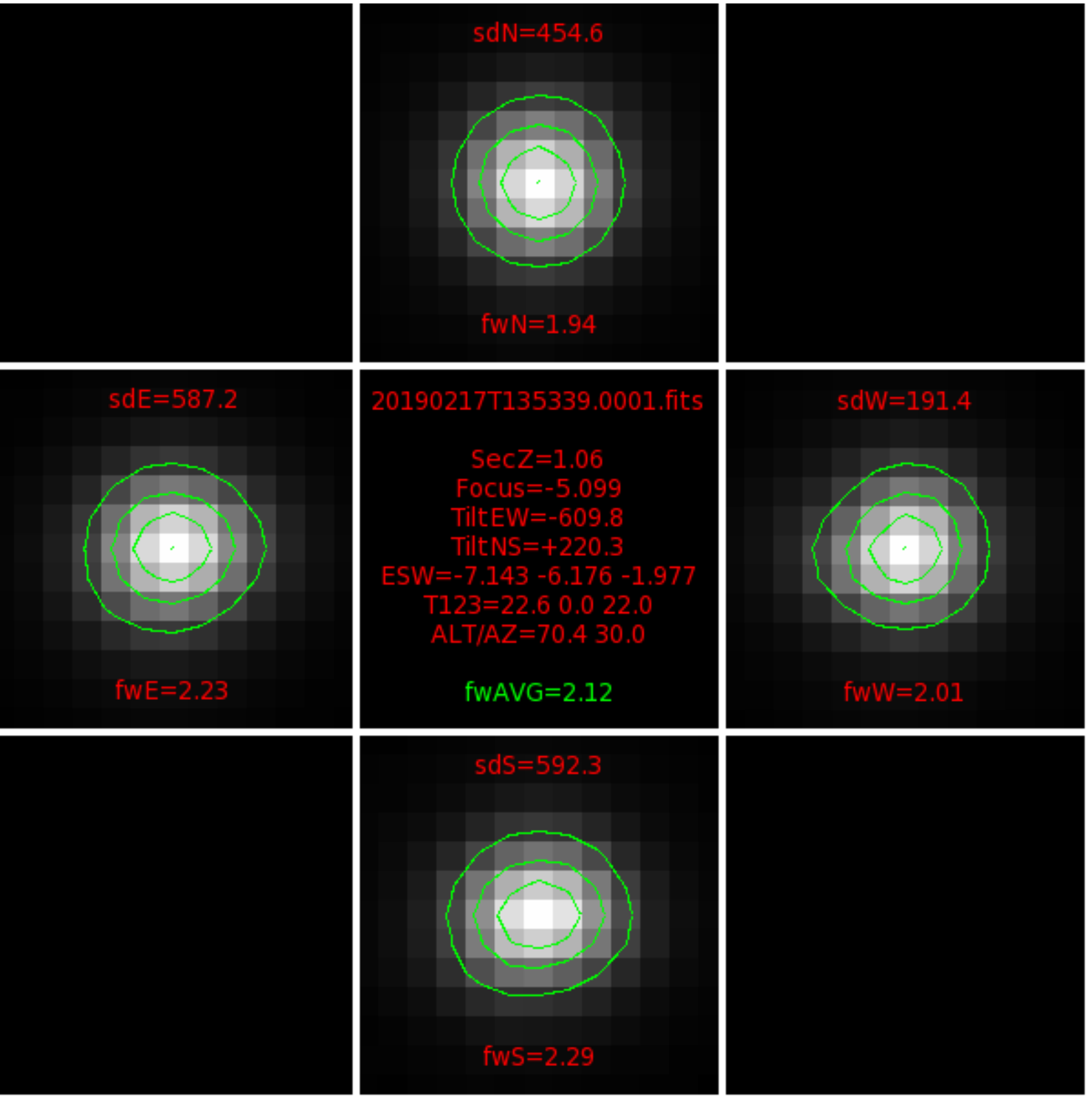
sdN=454.6
fwN=1.94
sdE=587.2
fwE=2.23
20190217T135339.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 0.0 22.0
ALT/AZ=70.4 30.0
fwAVG=2.12
sdW=191.4
fwW=2.01
sdS=592.3
fwS=2.29
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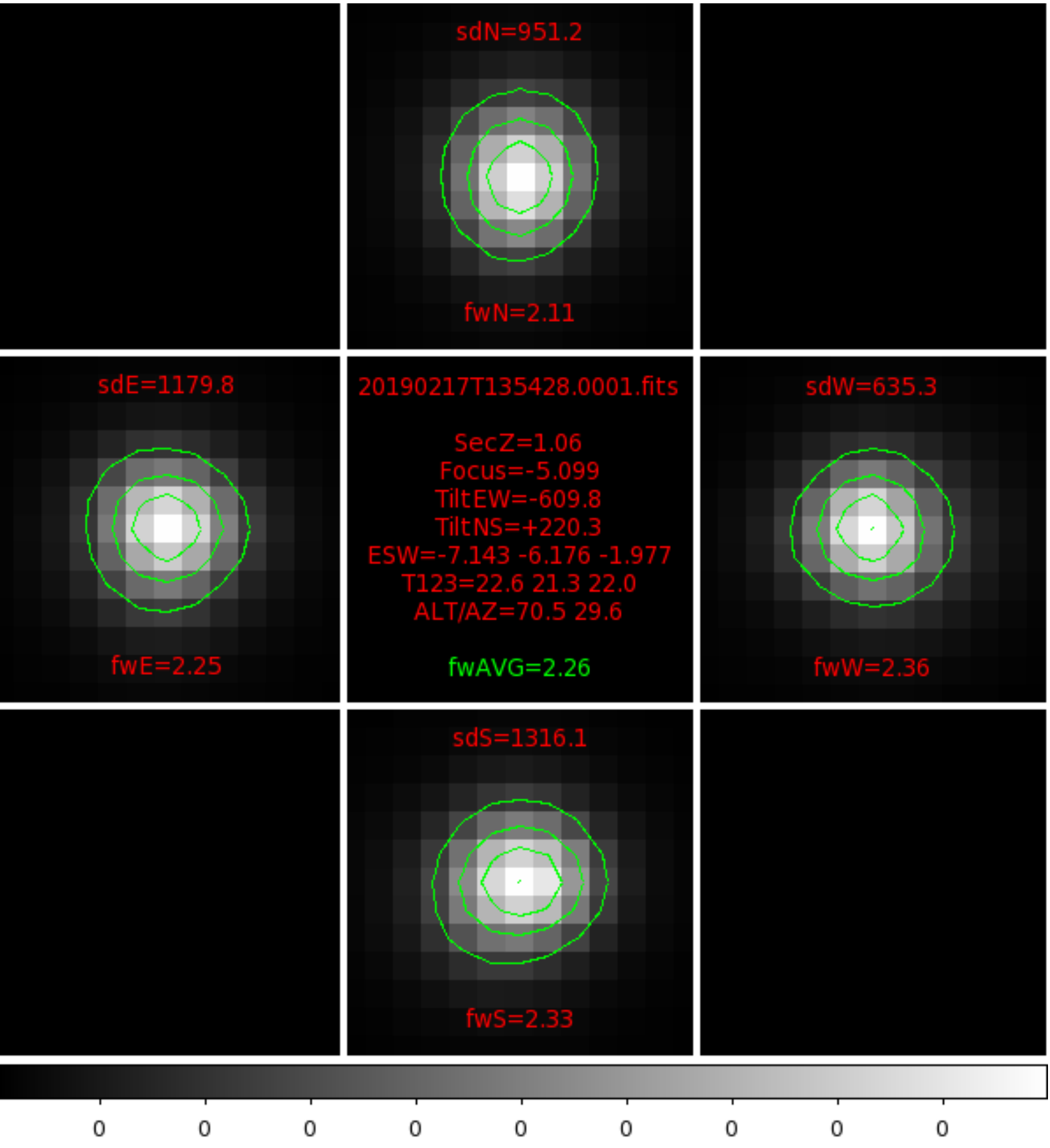
sdN=951.2
fwN=2.11
sdE=1179.8
fwE=2.25
20190217T135428.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 21.3 22.0
ALT/AZ=70.5 29.6
fwAVG=2.26
sdW=635.3
fwW=2.36
sdS=1316.1
fwS=2.33
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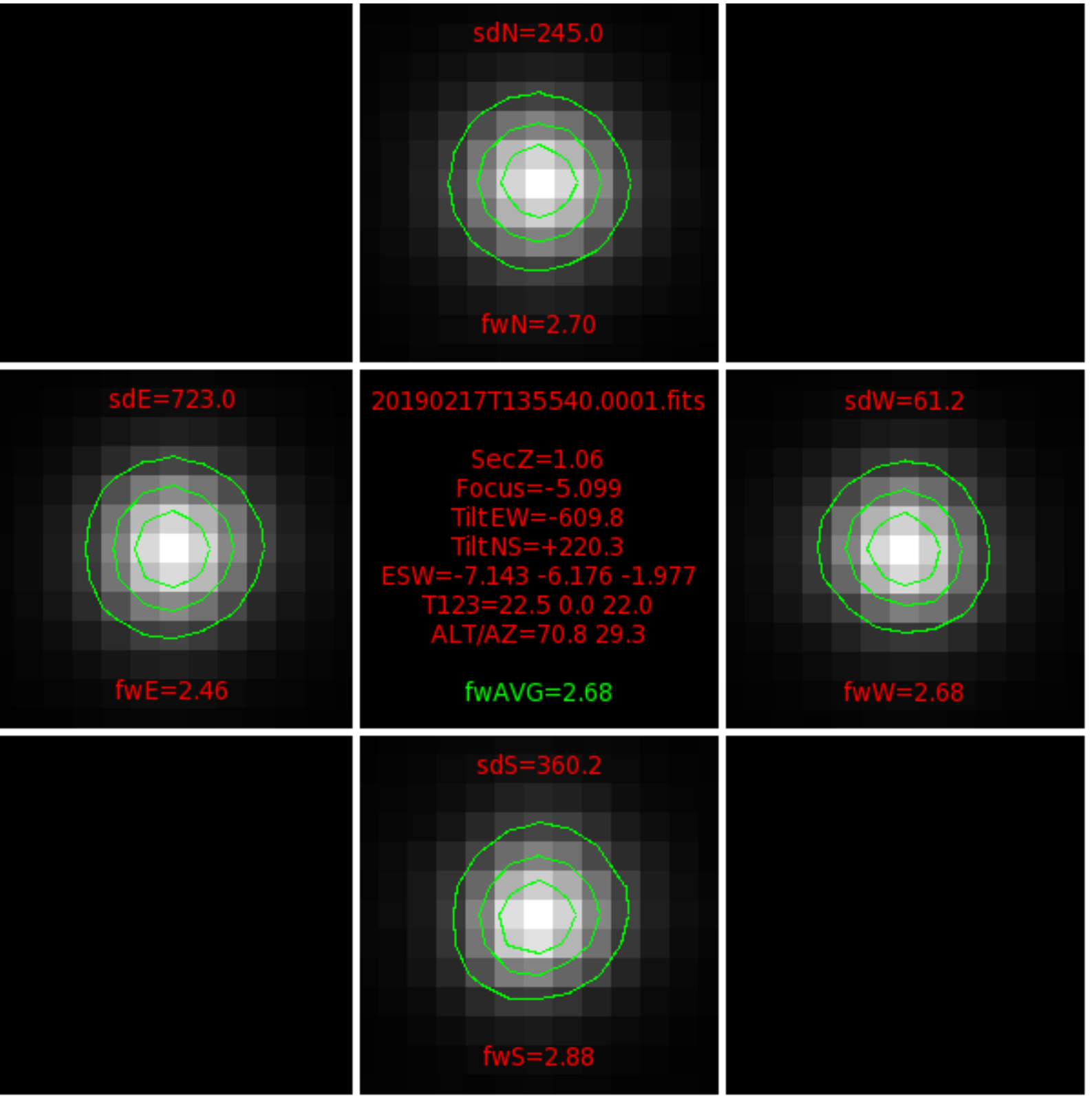
sdN=245.0
fwN=2.70
sdE=723.0
fwE=2.46
20190217T135540.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.5 0.0 22.0
ALT/AZ=70.8 29.3
fwAVG=2.68
sdW=61.2
fwW=2.68
sdS=360.2
fwS=2.88
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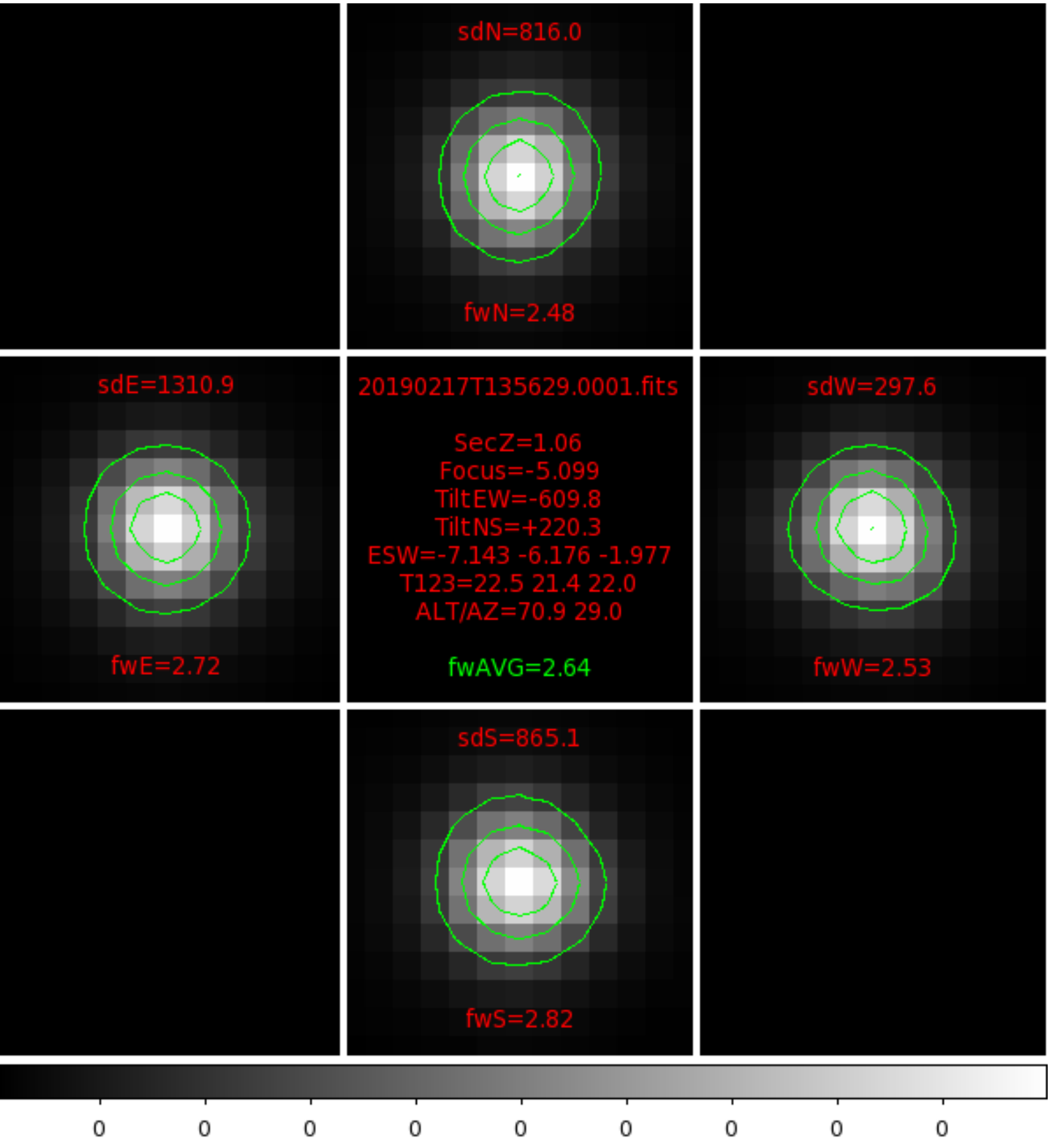
sdN=816.0
fwN=2.48
sdE=1310.9
fwE=2.72
20190217T135629.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.5 21.4 22.0
ALT/AZ=70.9 29.0
fwAVG=2.64
sdW=297.6
fwW=2.53
sdS=865.1
fwS=2.82
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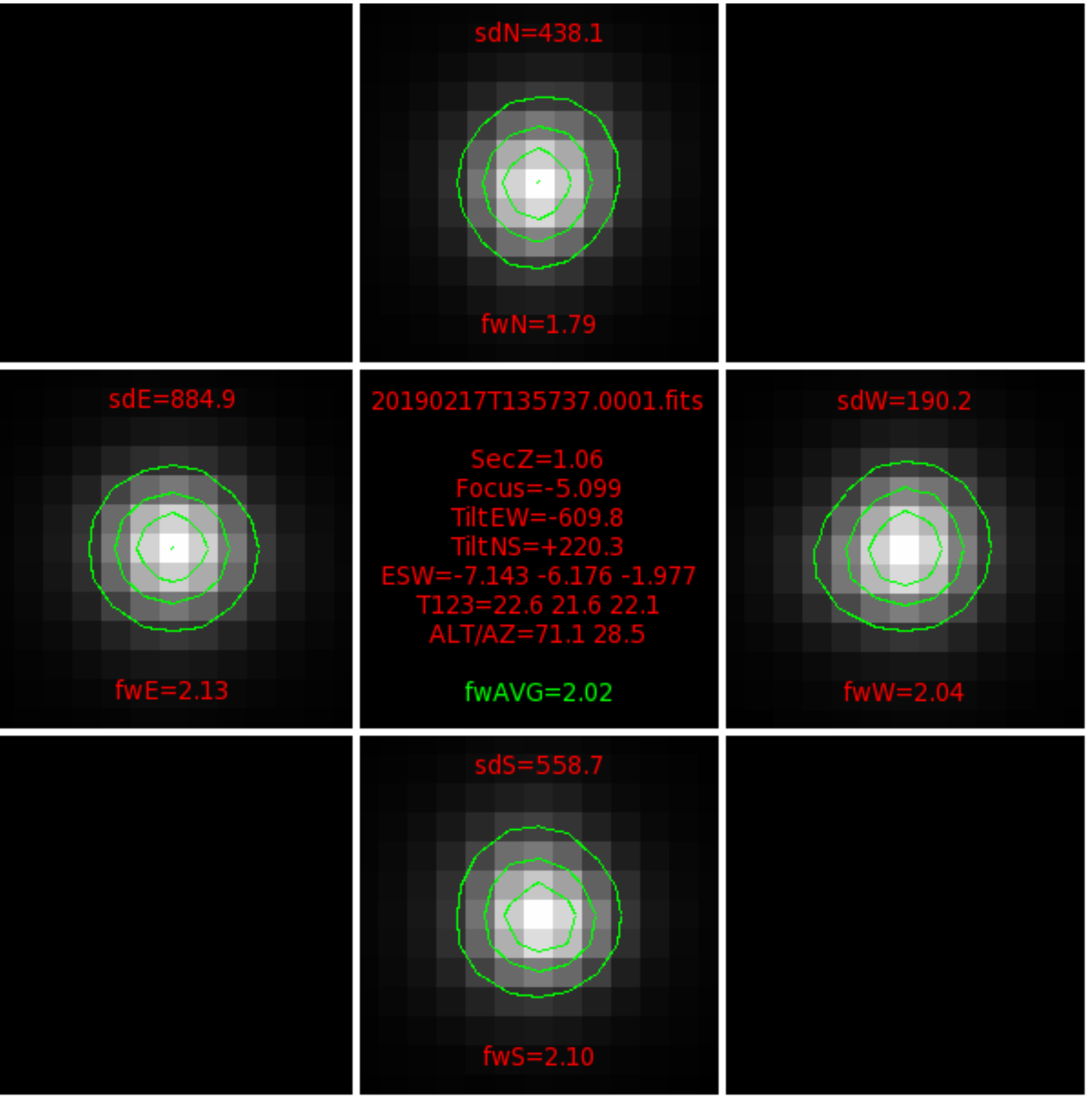
sdN=438.1
fwN=1.79
sdE=884.9
fwE=2.13
20190217T135737.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 21.6 22.1
ALT/AZ=71.1 28.5
fwAVG=2.02
sdW=190.2
fwW=2.04
sdS=558.7
fwS=2.10
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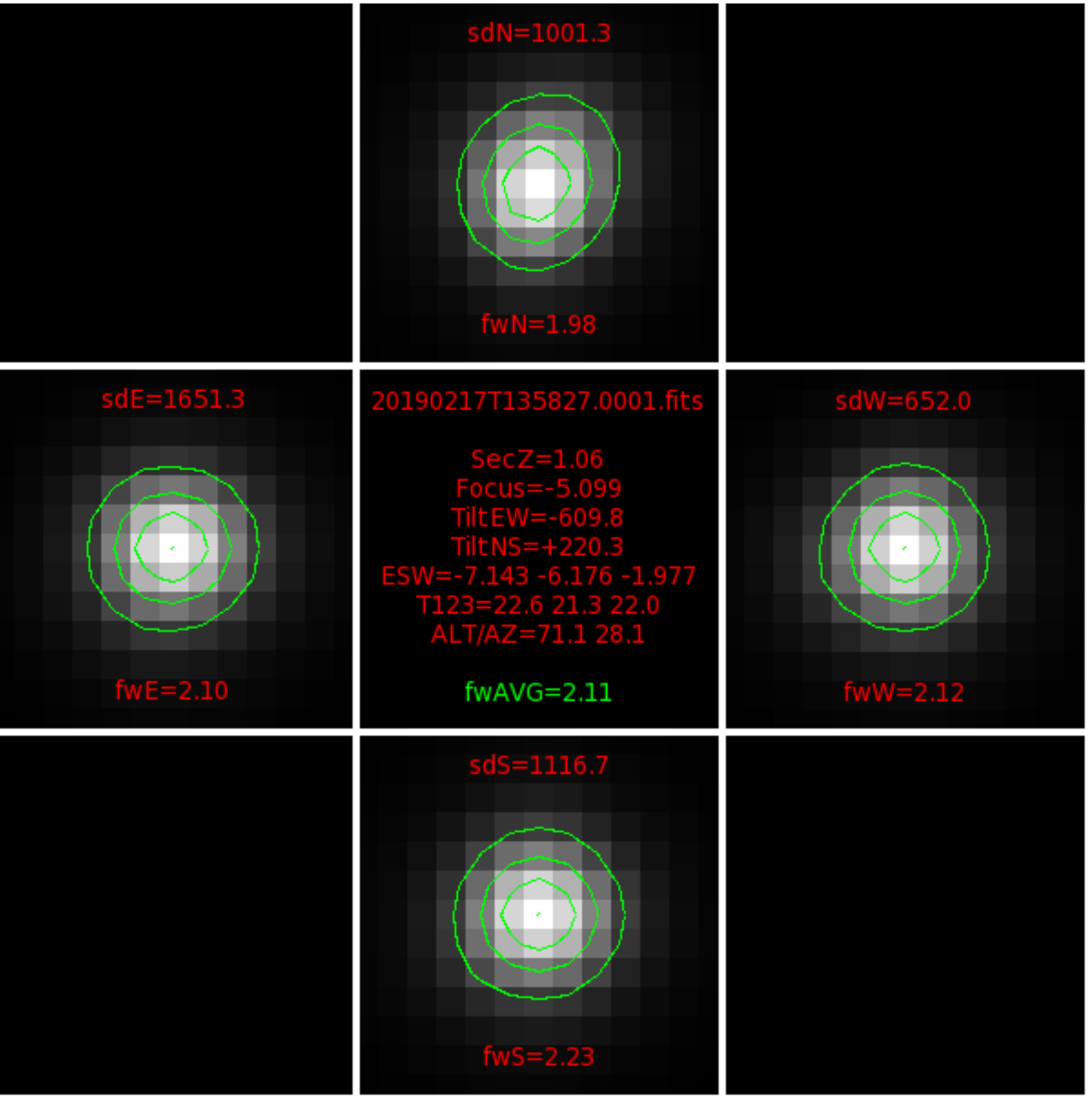
sdN=1001.3
fwN=1.98
sdE=1651.3
fwE=2.10
20190217T135827.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.6 21.3 22.0
ALT/AZ=71.1 28.1
fwAVG=2.11
sdW=652.0
fwW=2.12
sdS=1116.7
fwS=2.23
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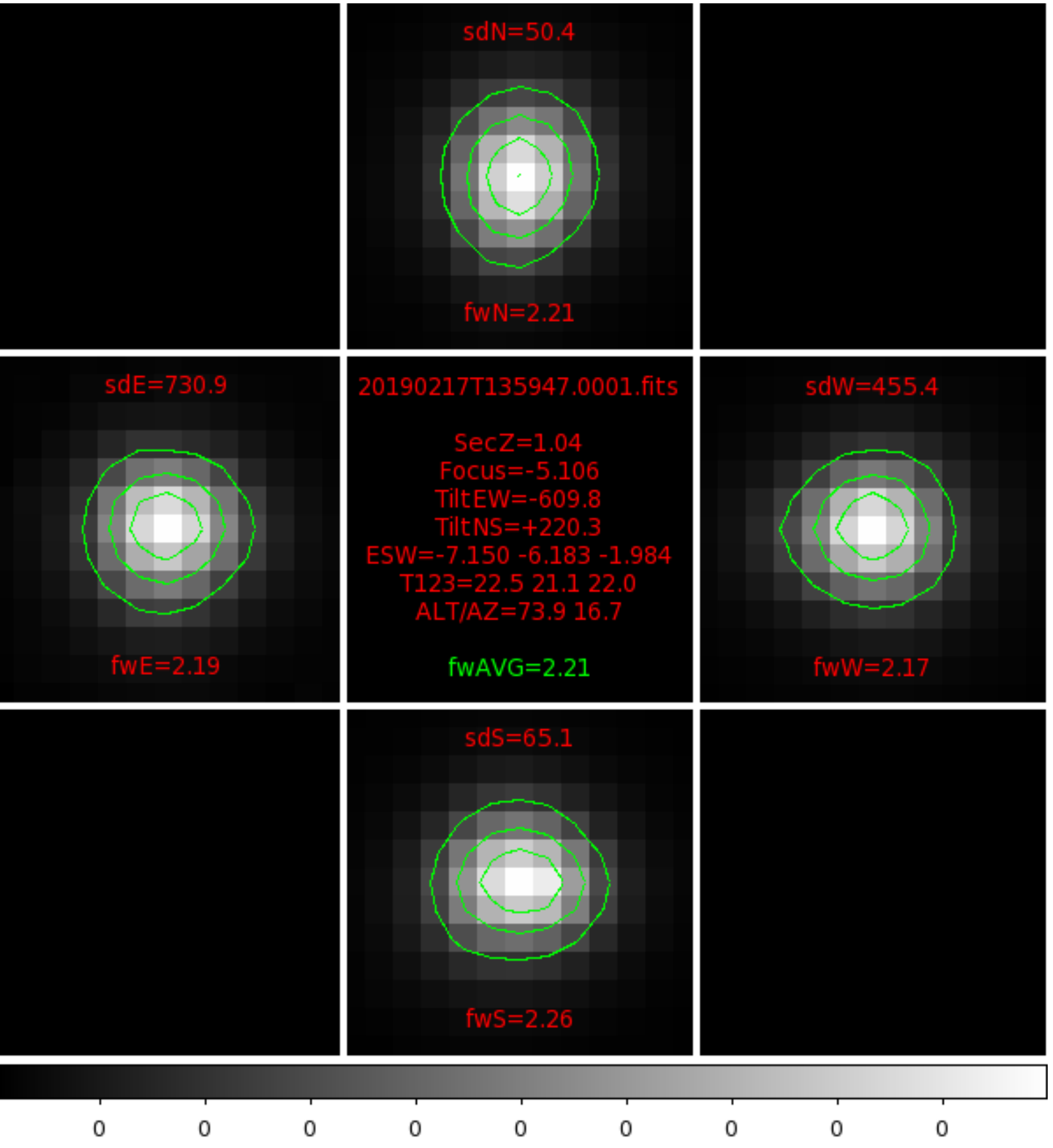
sdN=50.4
fwN=2.21
sdE=730.9
fwE=2.19
20190217T135947.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=22.5 21.1 22.0
ALT/AZ=73.9 16.7
fwAVG=2.21
sdW=455.4
fwW=2.17
sdS=65.1
fwS=2.26
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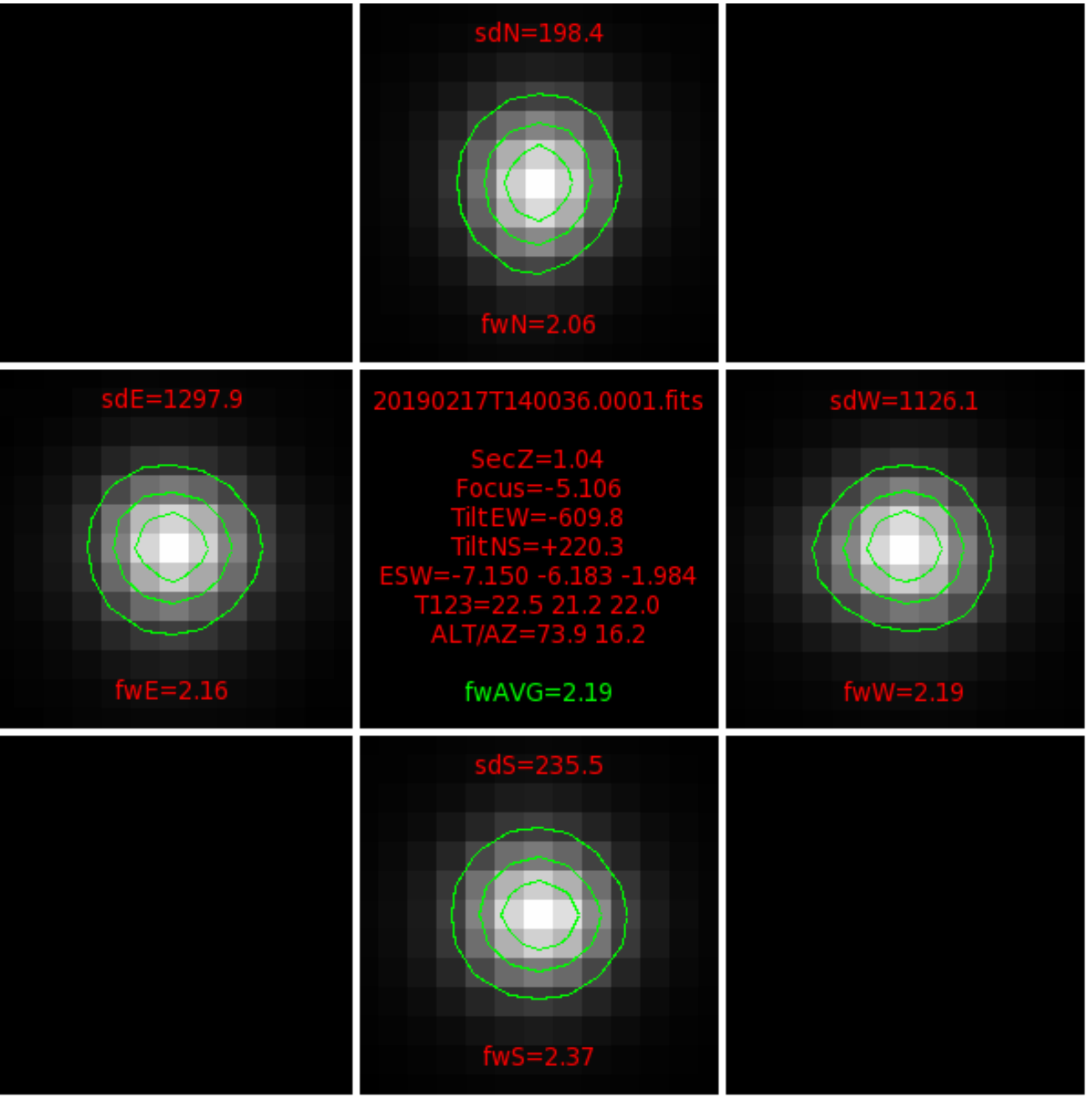
sdN=198.4
fwN=2.06
sdE=1297.9
fwE=2.16
20190217T140036.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=22.5 21.2 22.0
ALT/AZ=73.9 16.2
fwAVG=2.19
sdW=1126.1
fwW=2.19
sdS=235.5
fwS=2.37
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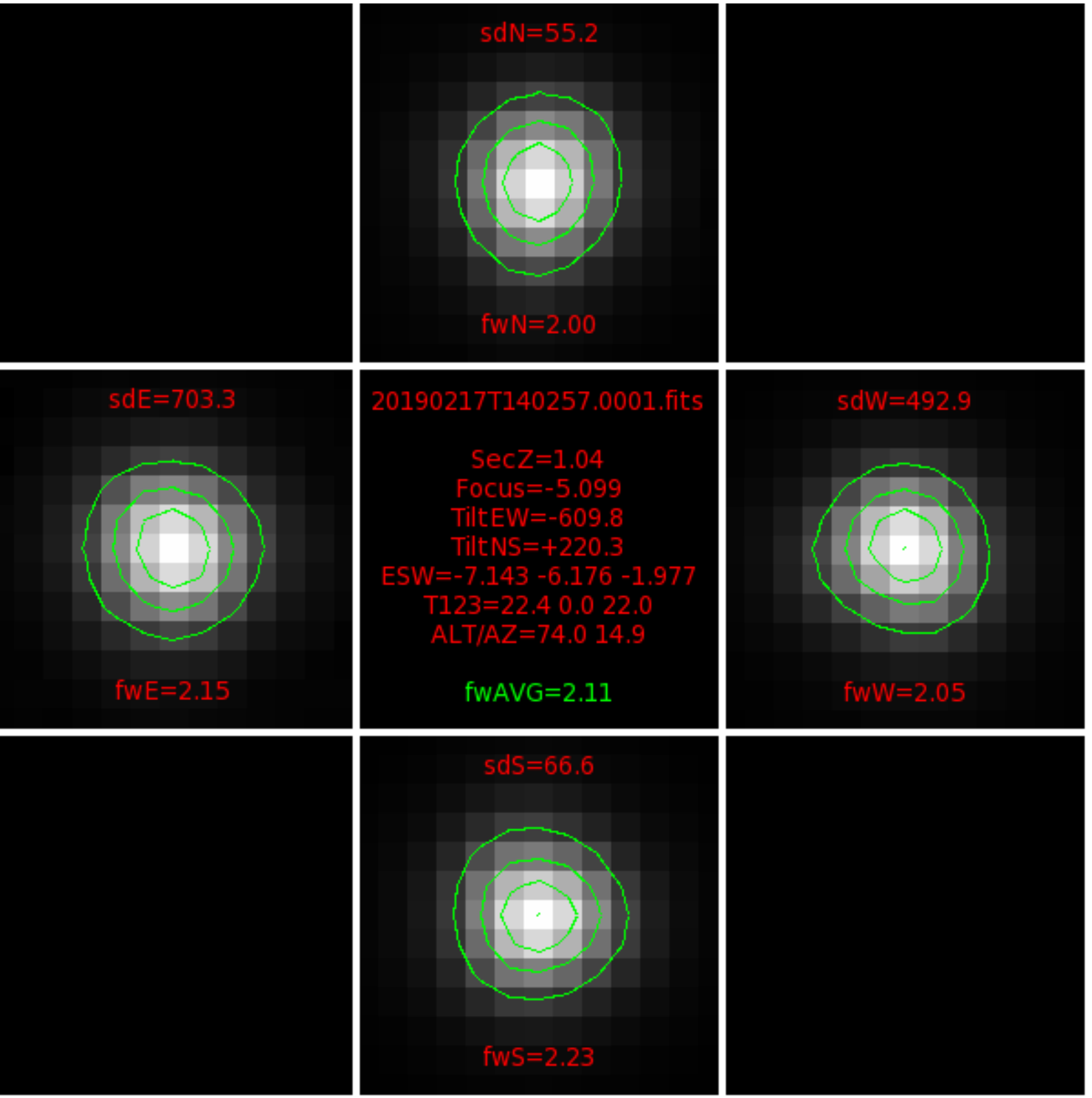
sdN=55.2
fwN=2.00
sdE=703.3
fwE=2.15
20190217T140257.0001.fits
SecZ=1.04
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.4 0.0 22.0
ALT/AZ=74.0 14.9
fwAVG=2.11
sdW=492.9
fwW=2.05
sdS=66.6
fwS=2.23
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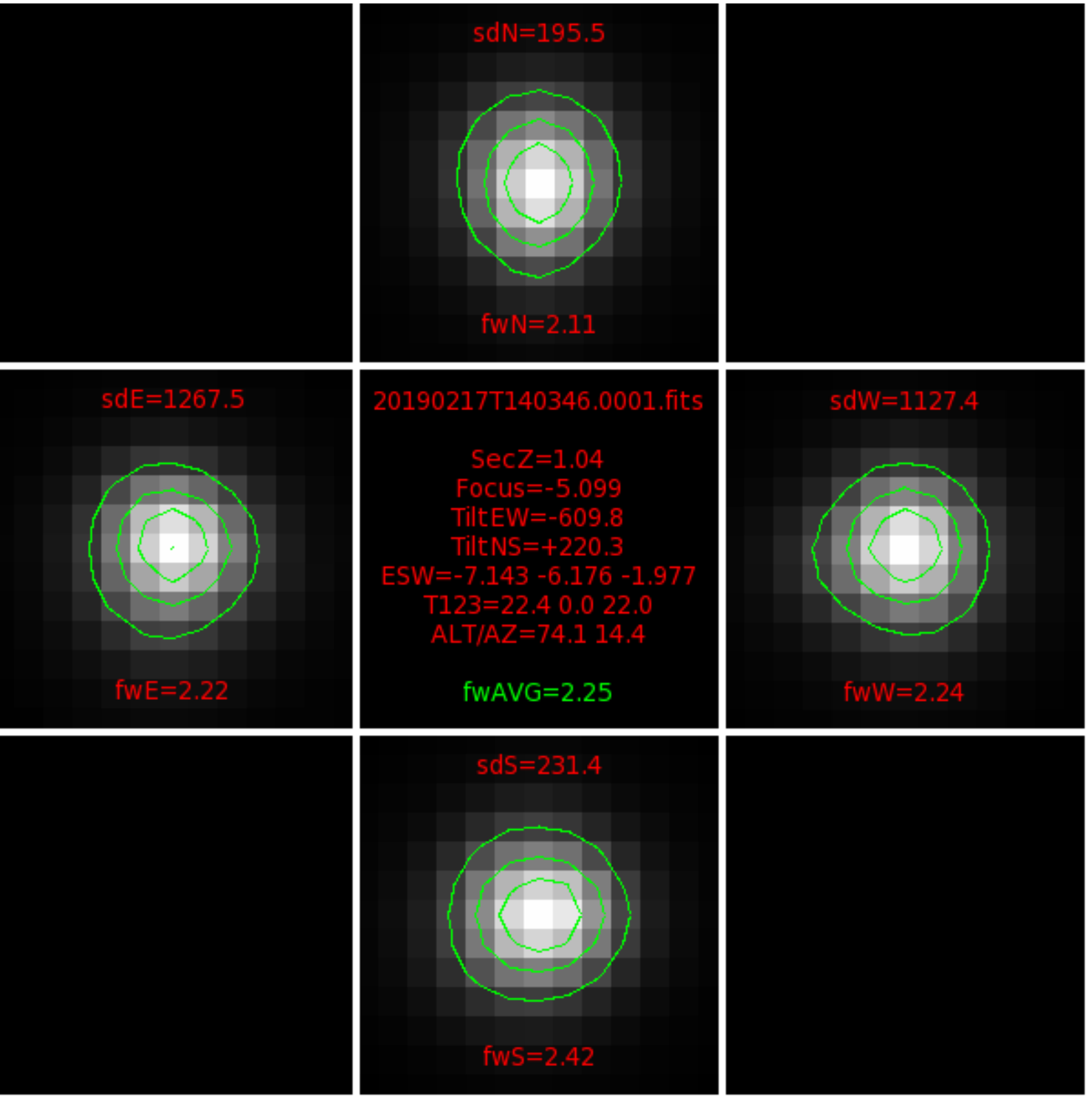
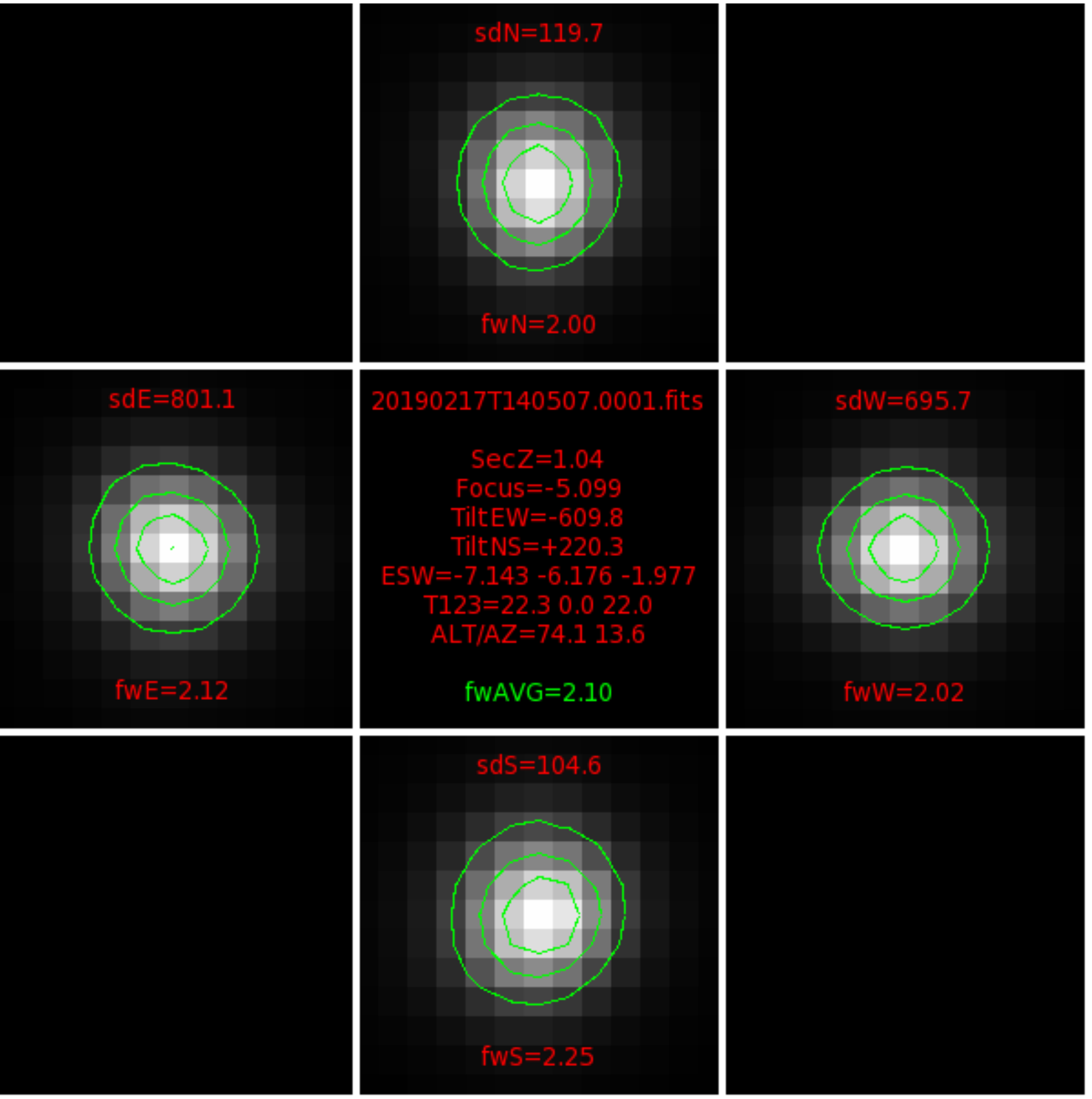
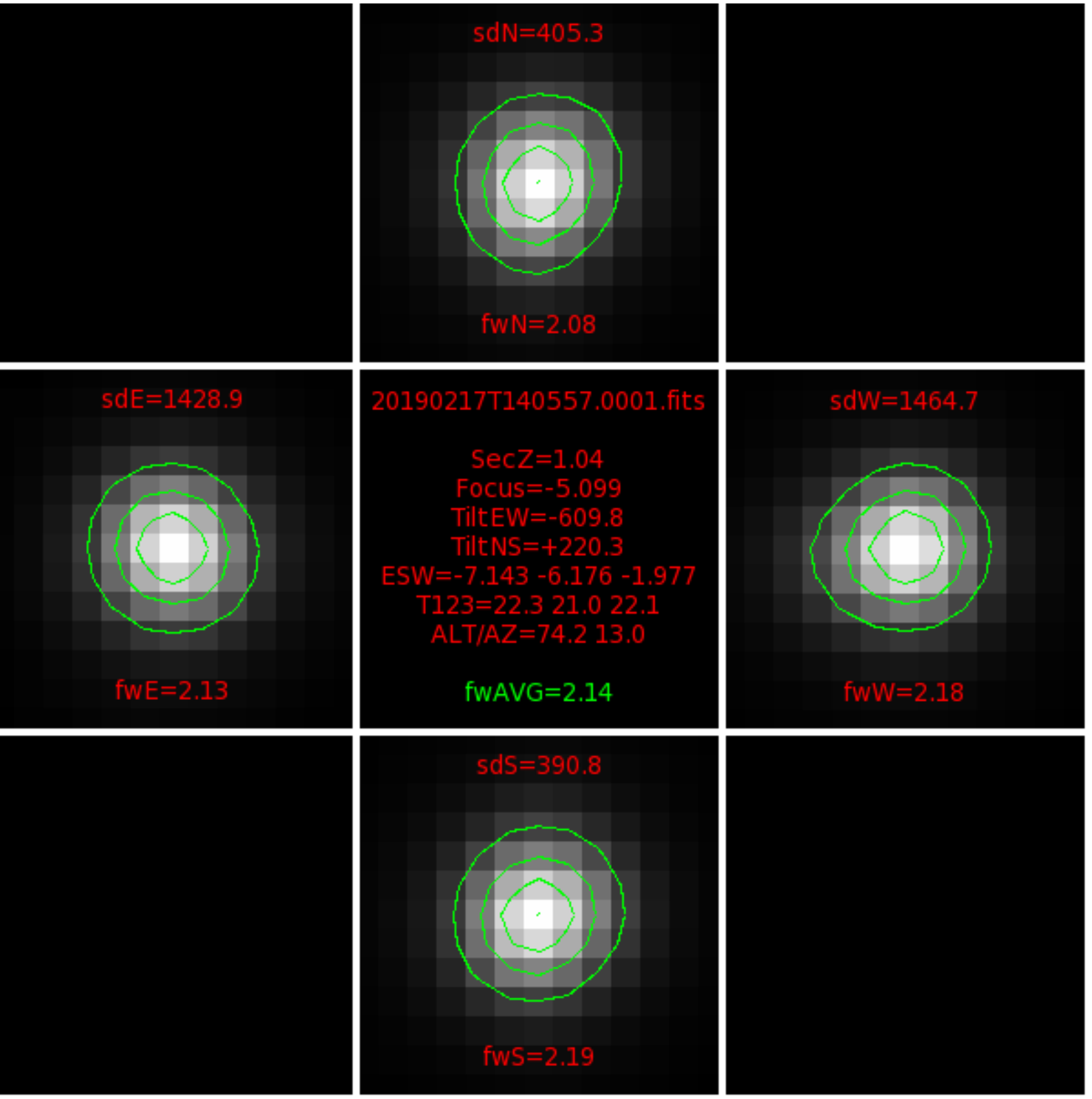

sdN=195.5
fwN=2.11
sdE=1267.5
fwE=2.22
20190217T140346.0001.fits
SecZ=1.04
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.4 0.0 22.0
ALT/AZ=74.1 14.4
fwAVG=2.25
sdW=1127.4
fwW=2.24
sdS=231.4
fwS=2.42
0 0 0 0 0 0 0 0 0


sdN=119.7
fwN=2.00
sdE=801.1
fwE=2.12
20190217T140507.0001.fits
SecZ=1.04
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.3 0.0 22.0
ALT/AZ=74.1 13.6
fwAVG=2.10
sdW=695.7
fwW=2.02
sdS=104.6
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=405.3
fwN=2.08
sdE=1428.9
fwE=2.13
20190217T140557.0001.fits
SecZ=1.04
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.3 21.0 22.1
ALT/AZ=74.2 13.0
fwAVG=2.14
sdW=1464.7
fwW=2.18
sdS=390.8
fwS=2.19
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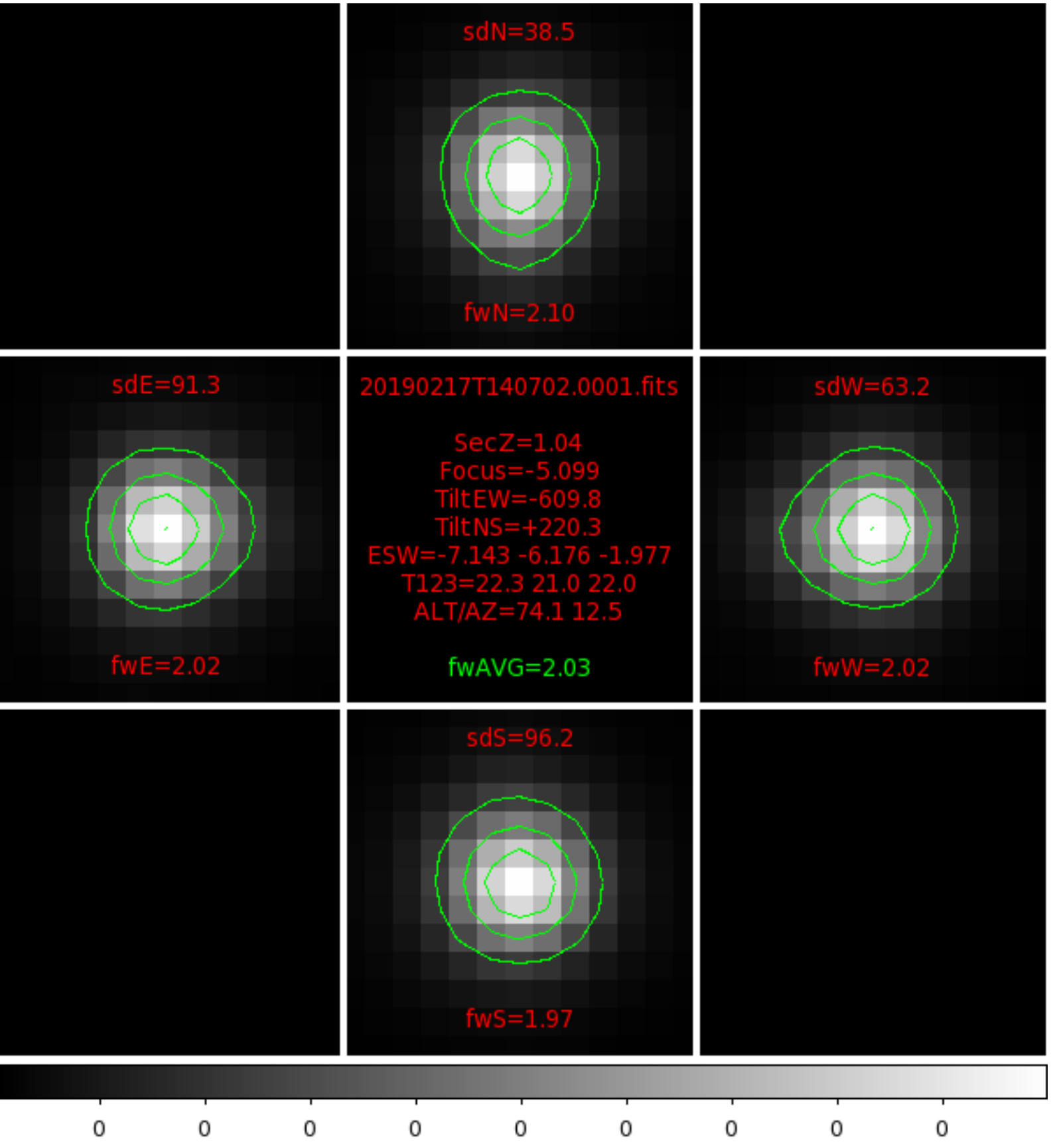
sdN=38.5
fwN=2.10
sdE=91.3
fwE=2.02
20190217T140702.0001.fits
SecZ=1.04
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.3 21.0 22.0
ALT/AZ=74.1 12.5
fwAVG=2.03
sdW=63.2
fwW=2.02
sdS=96.2
fwS=1.97
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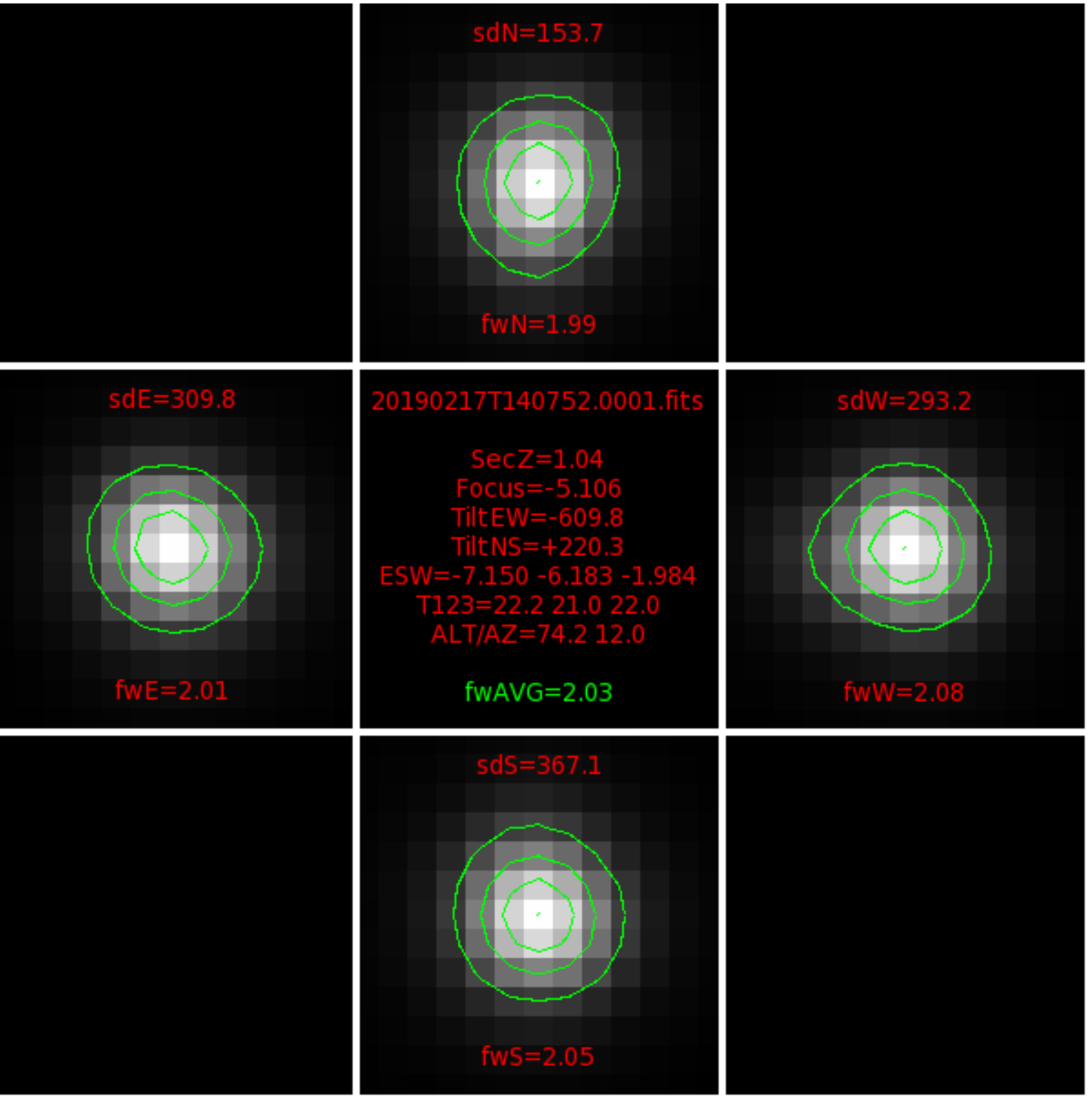
sdN=153.7
fwN=1.99
sdE=309.8
fwE=2.01
20190217T140752.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=22.2 21.0 22.0
ALT/AZ=74.2 12.0
fwAVG=2.03
sdW=293.2
fwW=2.08
sdS=367.1
fwS=2.05
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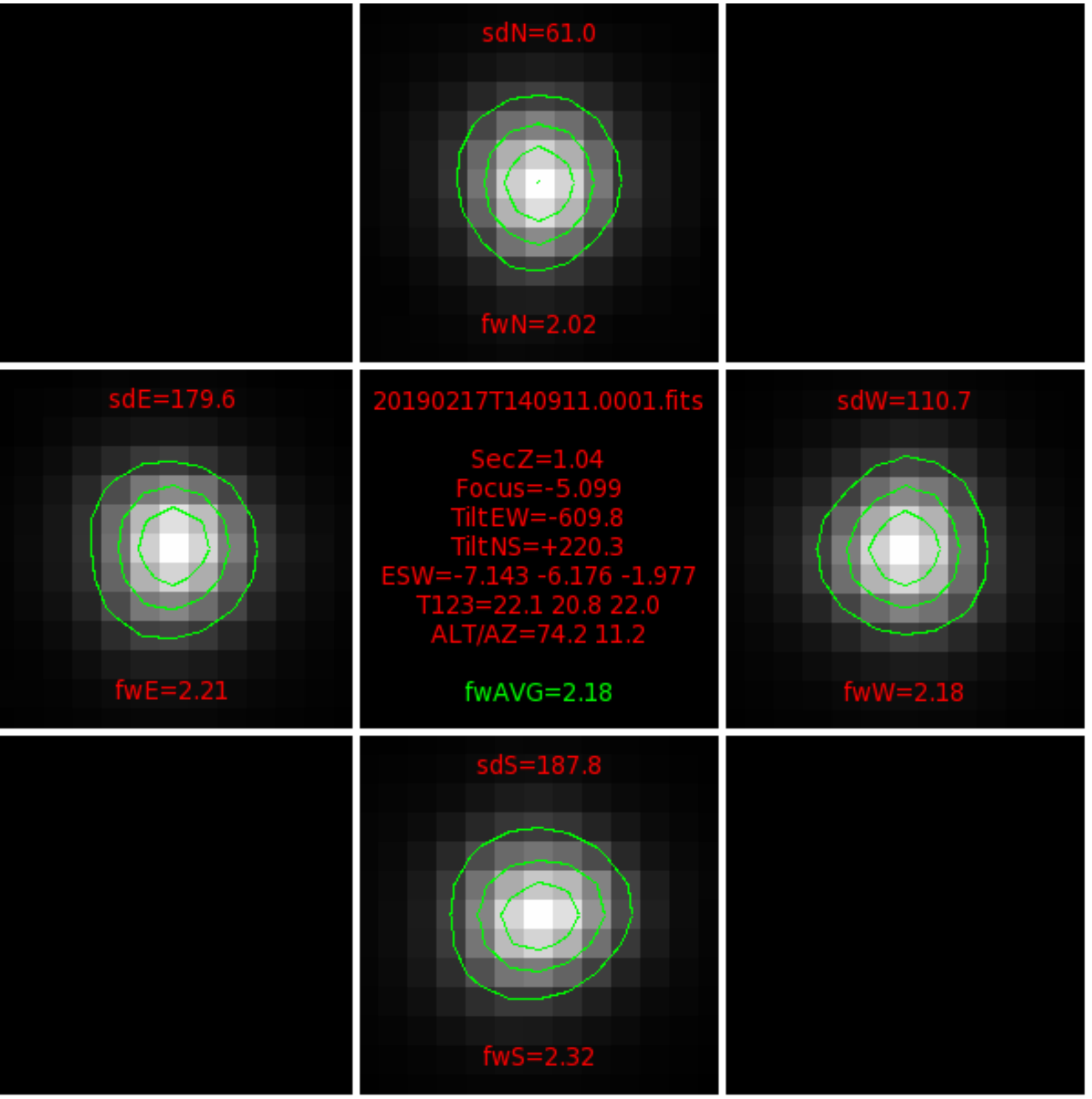
sdN=61.0
fwN=2.02
sdE=179.6
fwE=2.21
20190217T140911.0001.fits
SecZ=1.04
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.1 20.8 22.0
ALT/AZ=74.2 11.2
fwAVG=2.18
sdW=110.7
fwW=2.18
sdS=187.8
fwS=2.32
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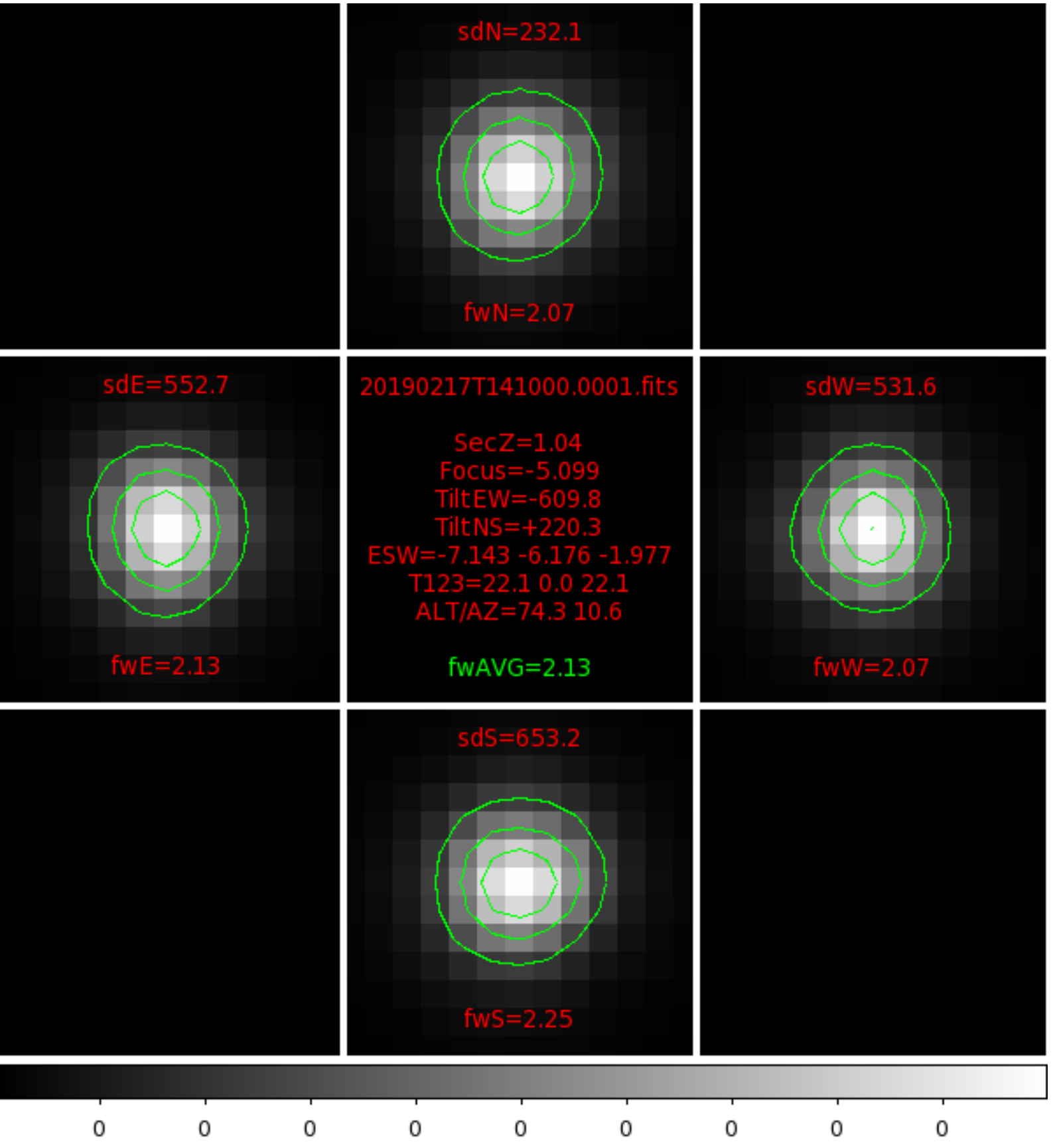
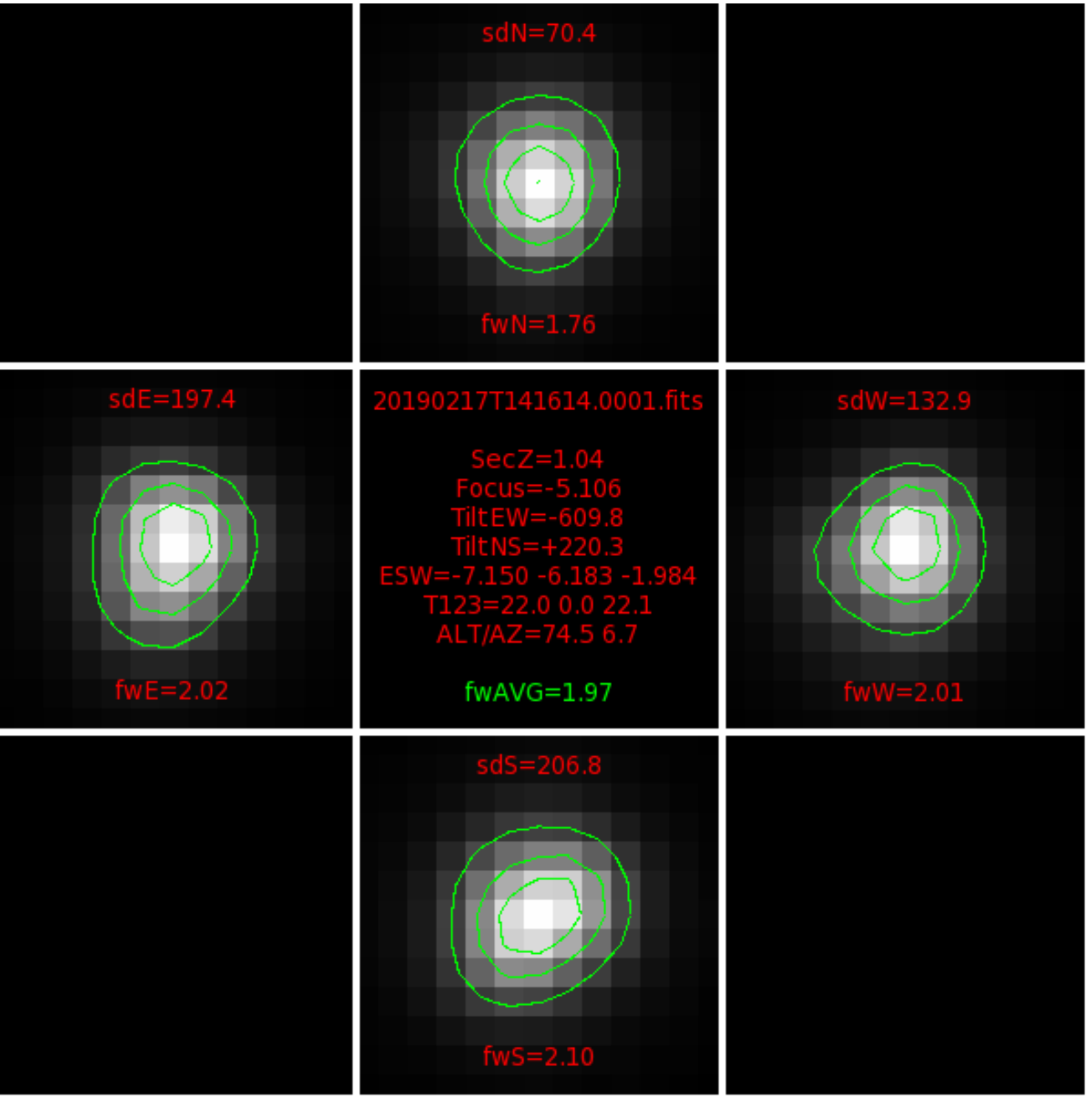
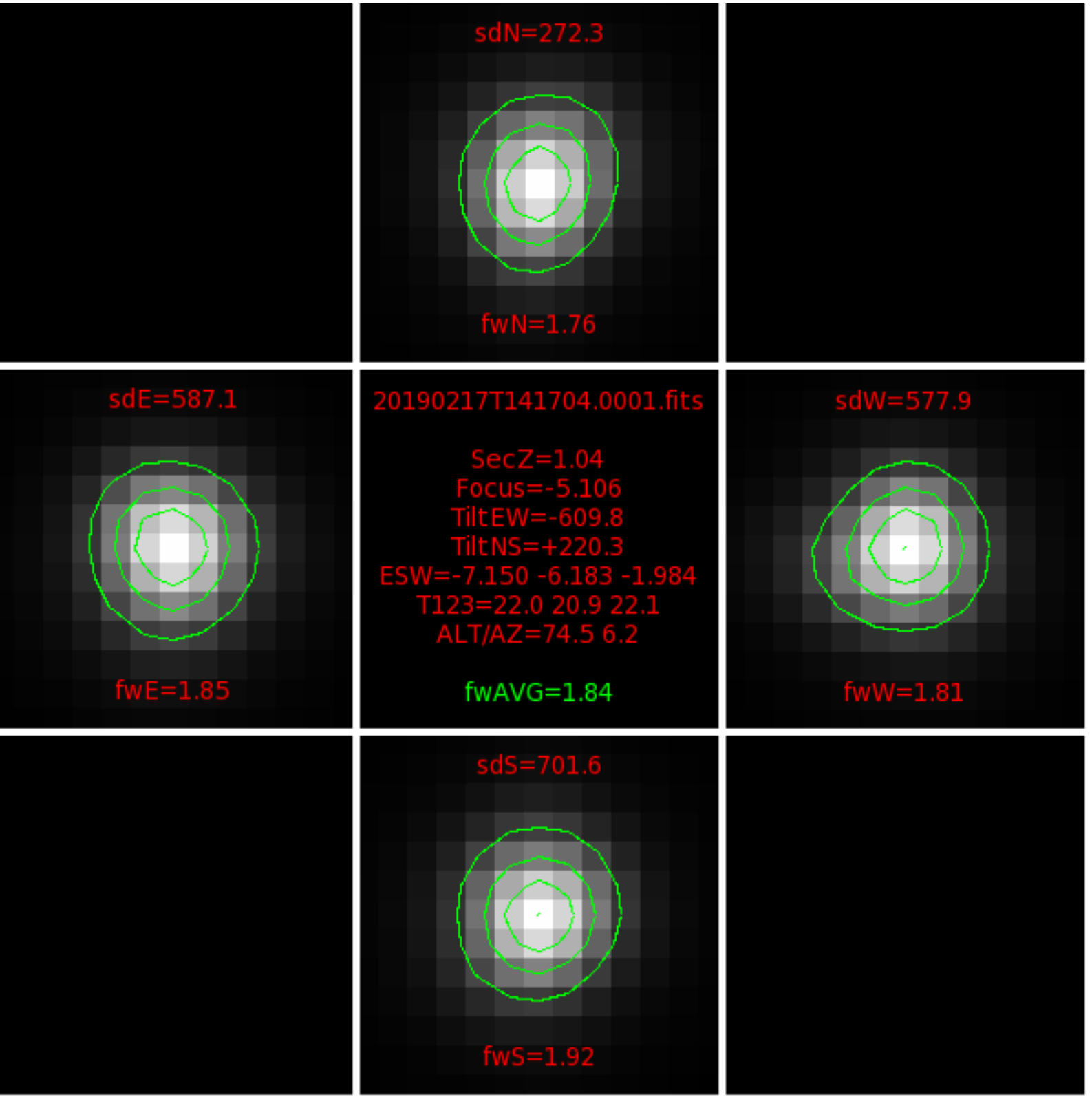

sdN=232.1
fwN=2.07
sdE=552.7
fwE=2.13
20190217T141000.0001.fits
SecZ=1.04
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.1 0.0 22.1
ALT/AZ=74.3 10.6
fwAVG=2.13
sdW=531.6
fwW=2.07
sdS=653.2
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=70.4
fwN=1.76
sdE=197.4
fwE=2.02
20190217T141614.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=22.0 0.0 22.1
ALT/AZ=74.5 6.7
fwAVG=1.97
sdW=132.9
fwW=2.01
sdS=206.8
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=272.3
fwN=1.76
sdE=587.1
fwE=1.85
20190217T141704.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=22.0 20.9 22.1
ALT/AZ=74.5 6.2
fwAVG=1.84
sdW=577.9
fwW=1.81
sdS=701.6
fwS=1.92
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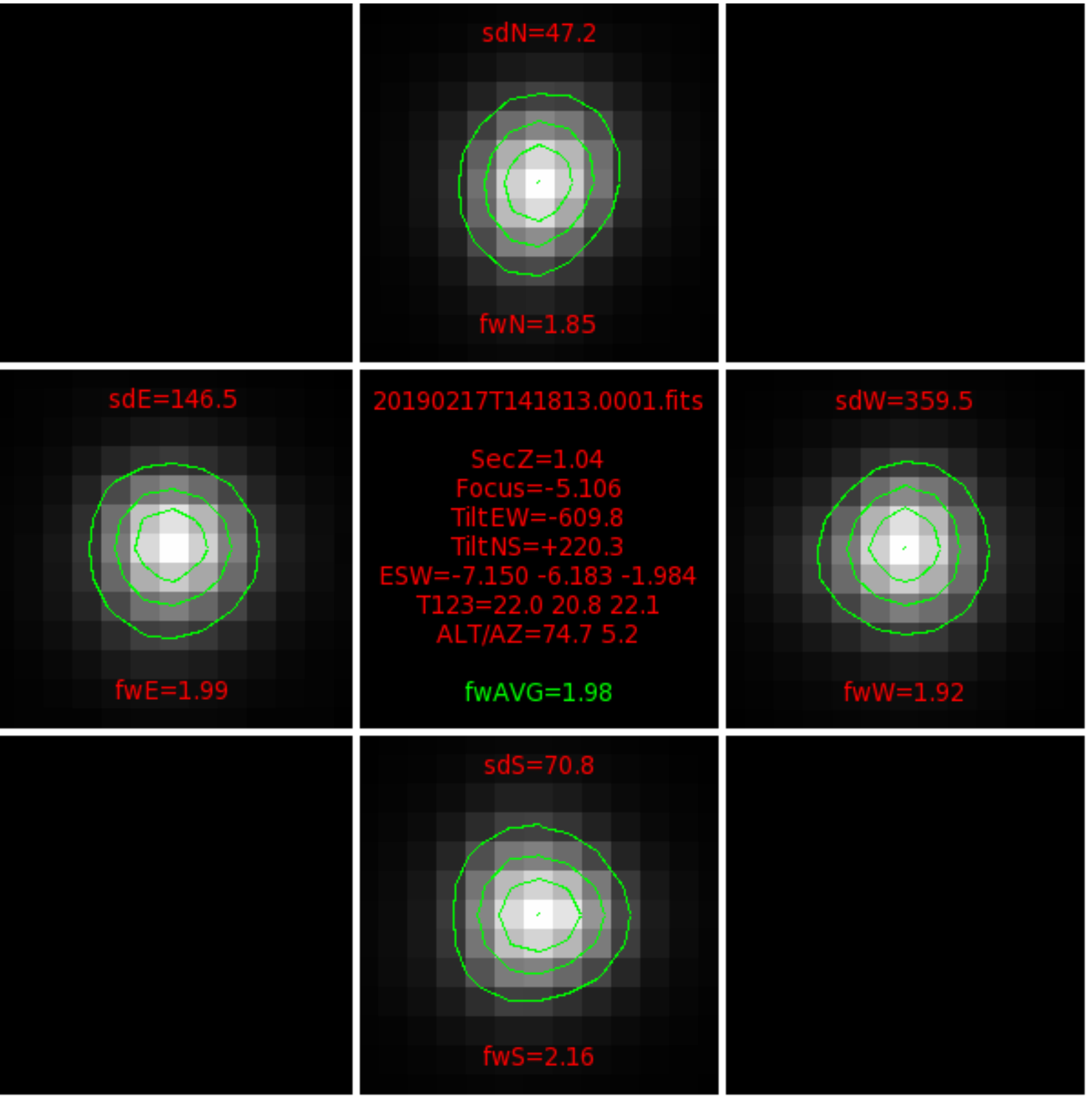
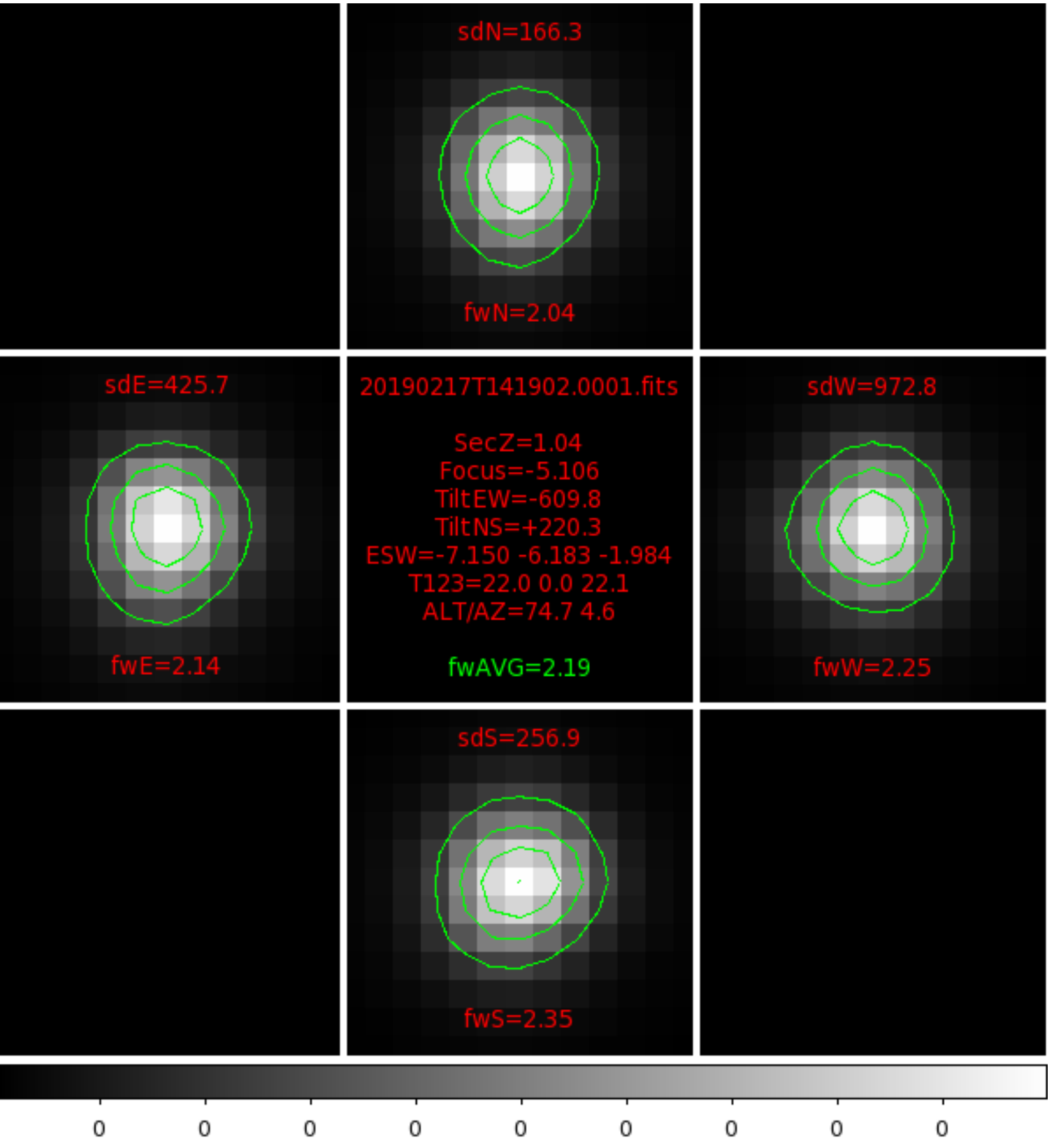
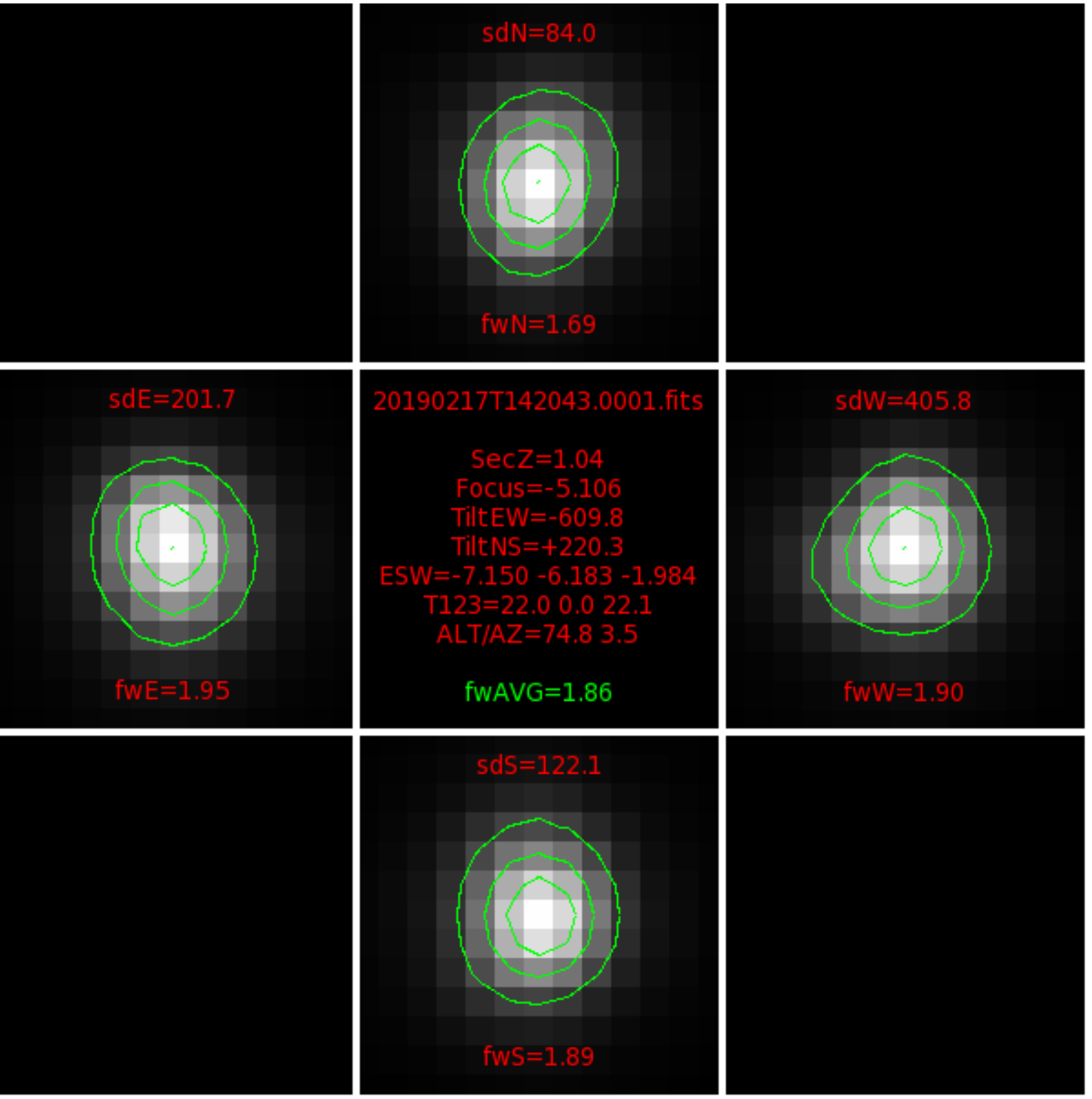
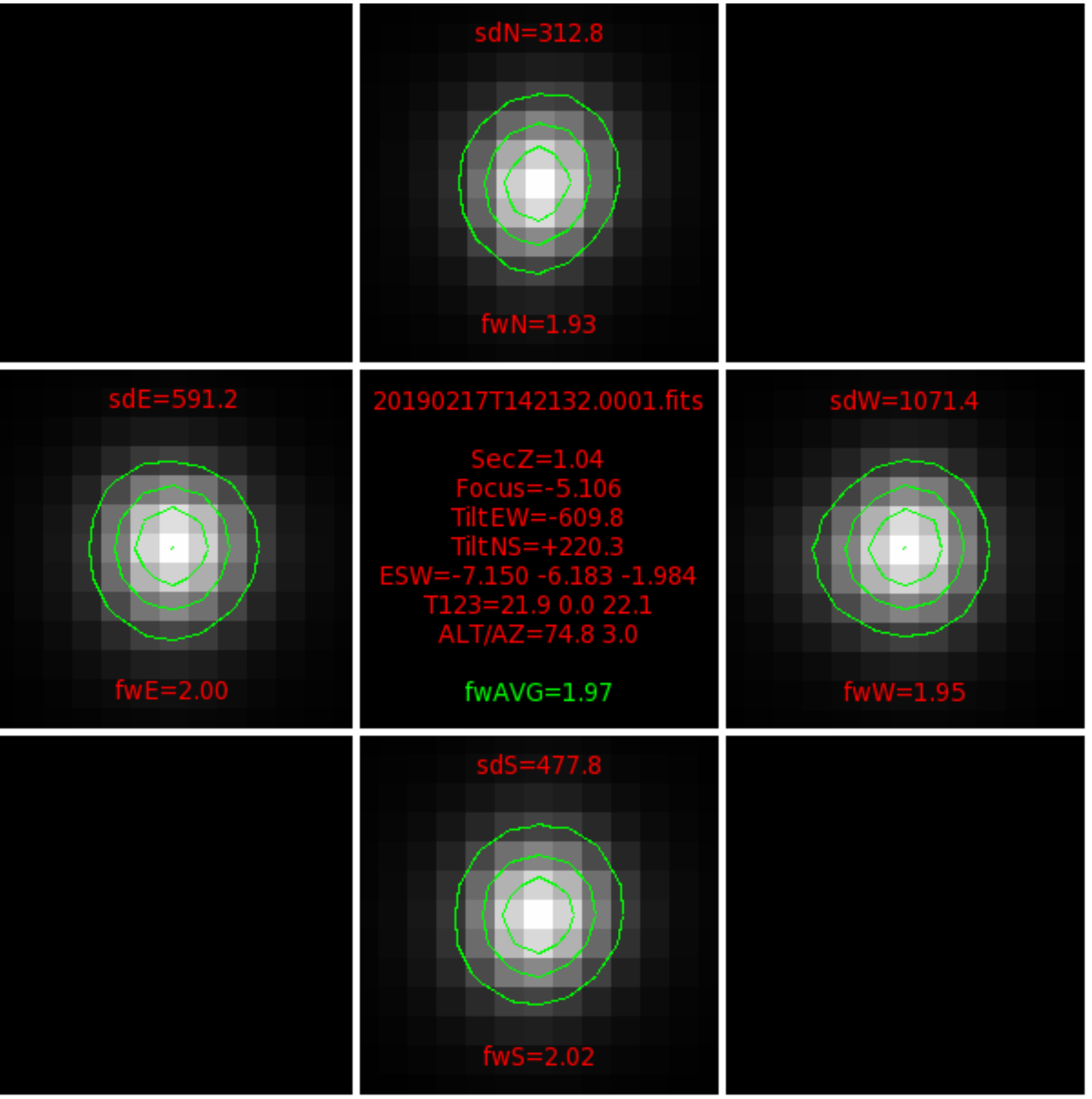
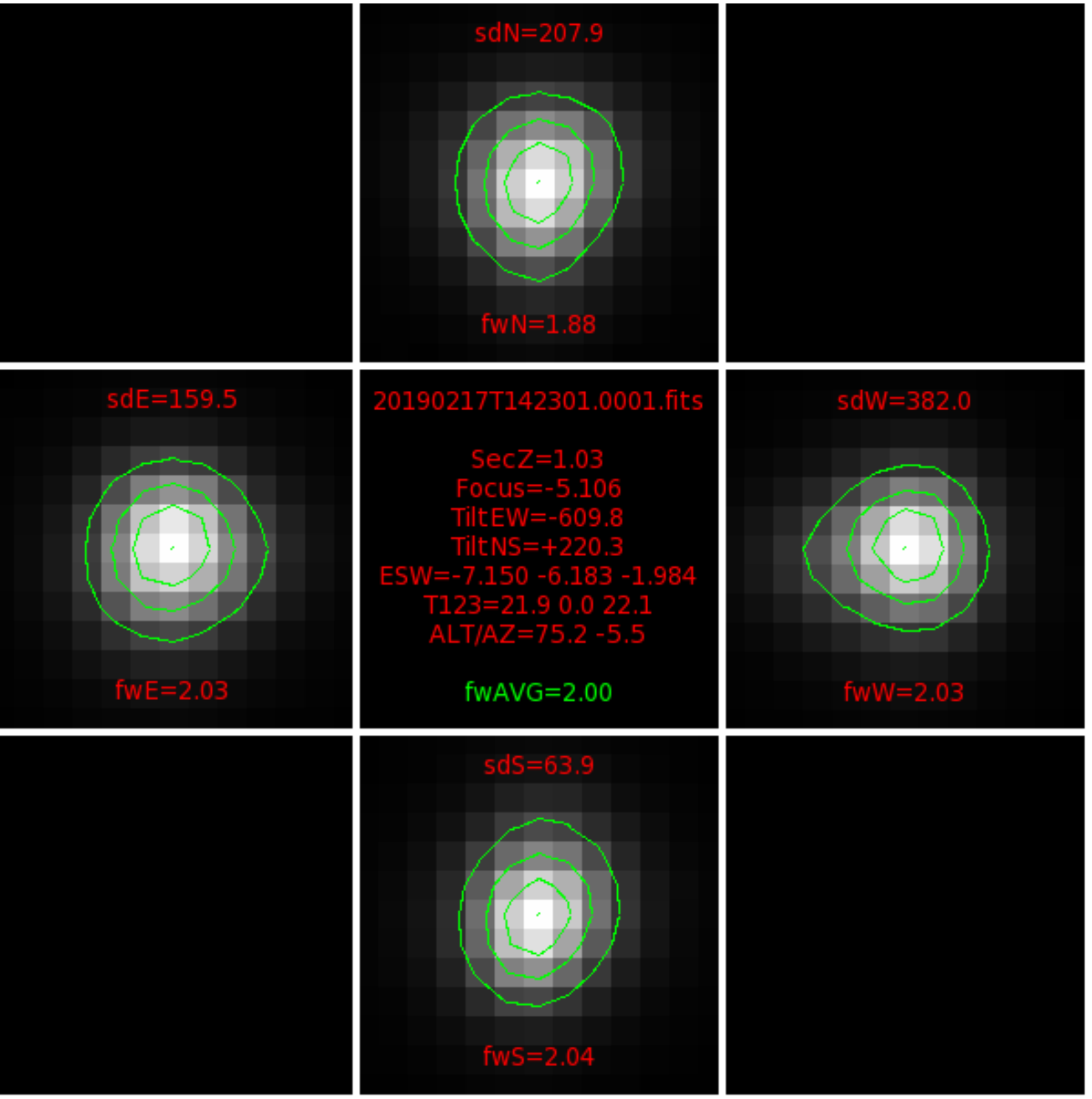

sdN=47.2
fwN=1.85
sdE=146.5
fwE=1.99
20190217T141813.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=22.0 20.8 22.1
ALT/AZ=74.7 5.2
fwAVG=1.98
sdW=359.5
fwW=1.92
sdS=70.8
fwS=2.16
0 0 0 0 0 0 0 0 0


sdN=166.3
fwN=2.04
sdE=425.7
fwE=2.14
20190217T141902.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=22.0 0.0 22.1
ALT/AZ=74.7 4.6
fwAVG=2.19
sdW=972.8
fwW=2.25
sdS=256.9
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=84.0
fwN=1.69
sdE=201.7
fwE=1.95
20190217T142043.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=22.0 0.0 22.1
ALT/AZ=74.8 3.5
fwAVG=1.86
sdW=405.8
fwW=1.90
sdS=122.1
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=312.8
fwN=1.93
sdE=591.2
fwE=2.00
20190217T142132.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 0.0 22.1
ALT/AZ=74.8 3.0
fwAVG=1.97
sdW=1071.4
fwW=1.95
sdS=477.8
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=207.9
fwN=1.88
sdE=159.5
fwE=2.03
20190217T142301.0001.fits
SecZ=1.03
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 0.0 22.1
ALT/AZ=75.2 -5.5
fwAVG=2.00
sdW=382.0
fwW=2.03
sdS=63.9
fwS=2.04
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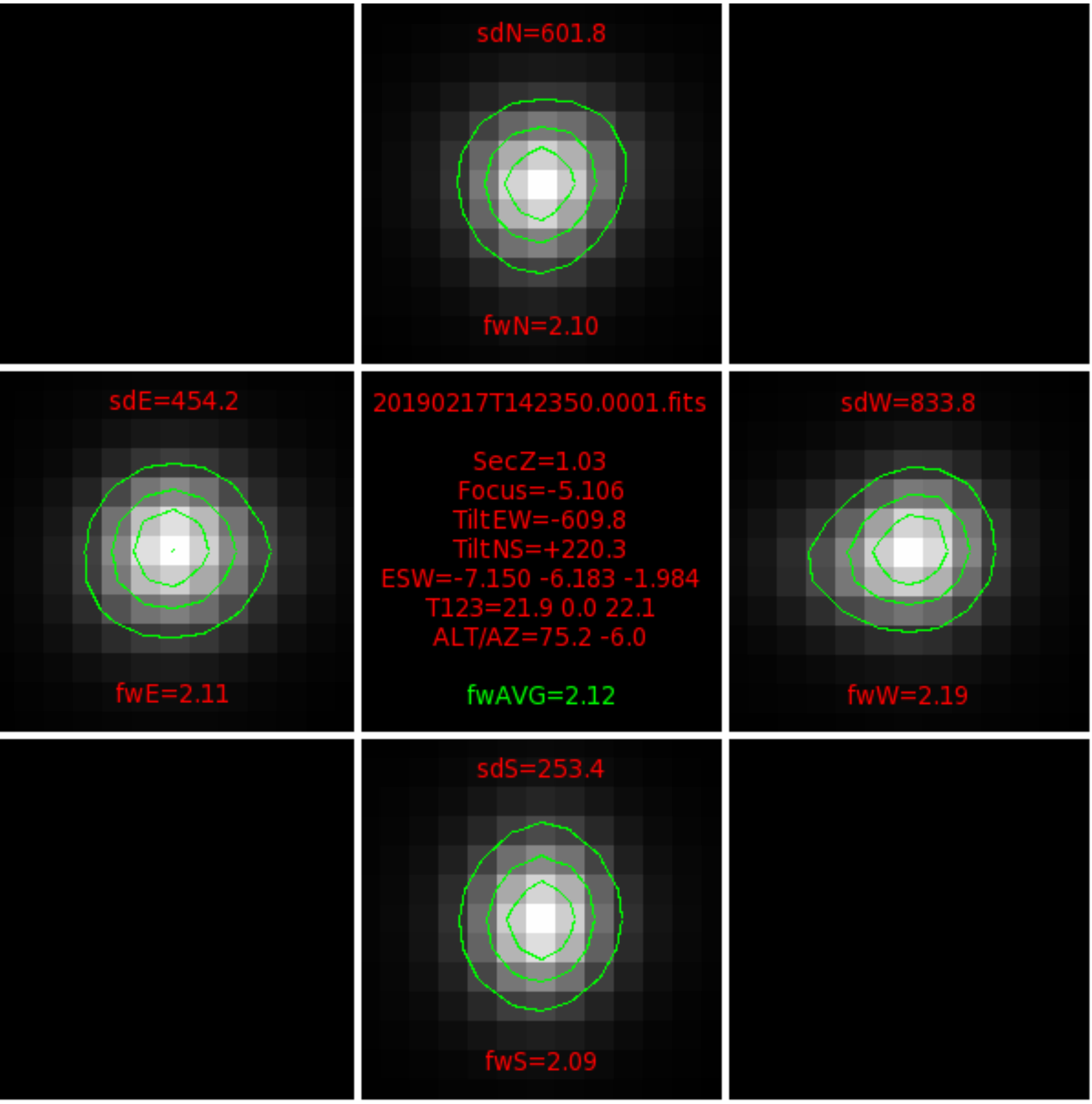
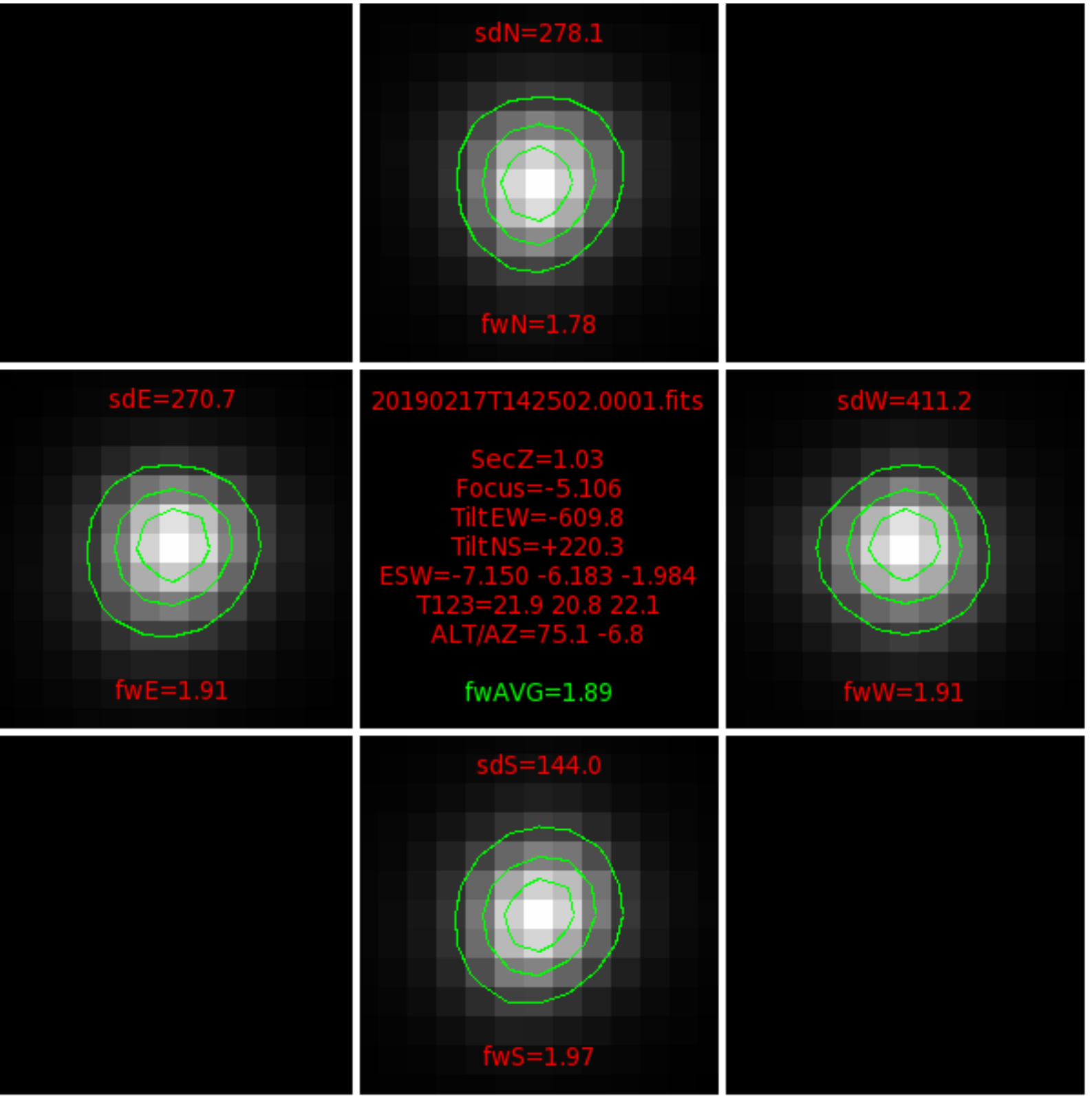
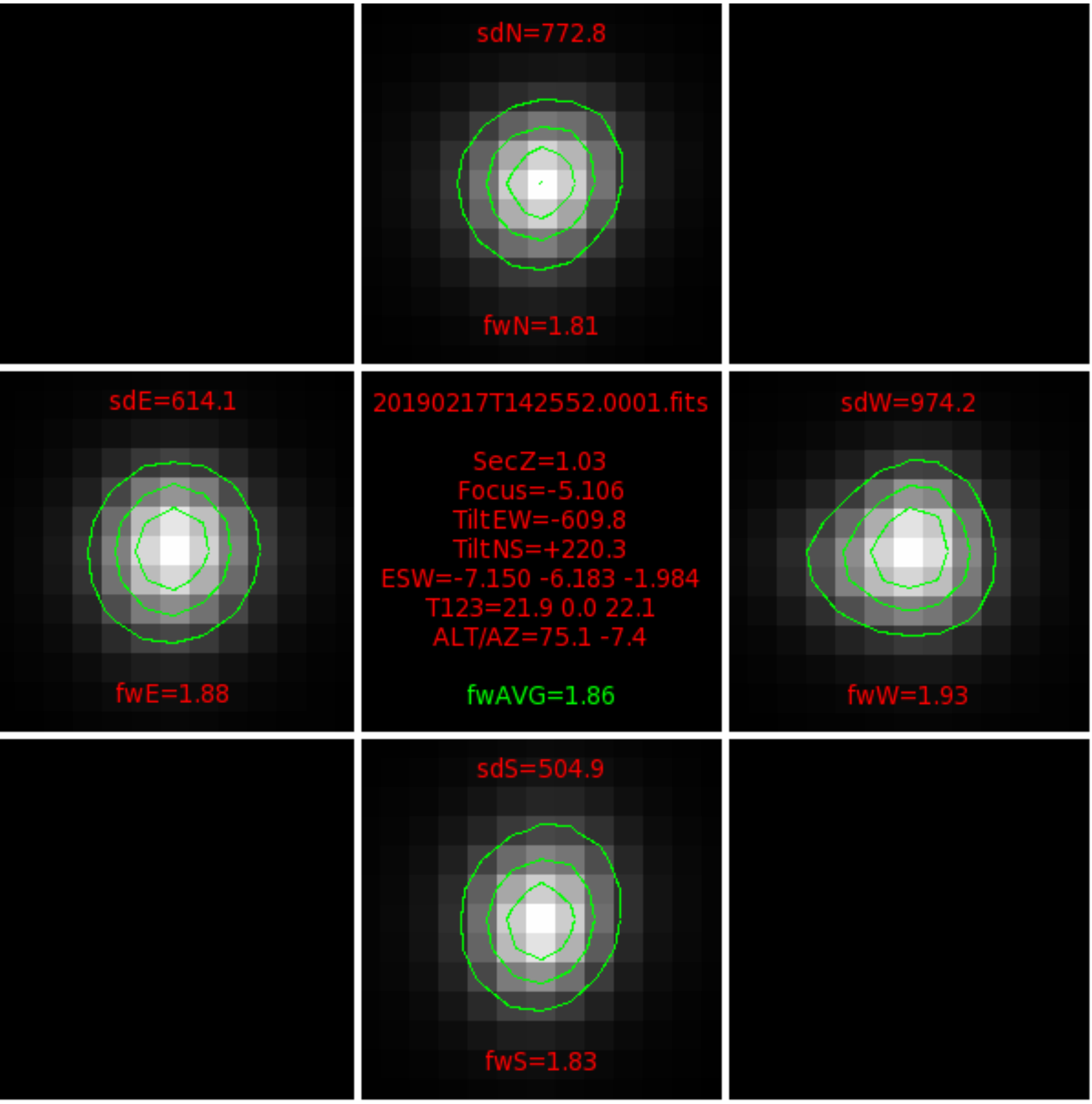

sdN=601.8
fwN=2.10
sdE=454.2
fwE=2.11
20190217T142350.0001.fits
SecZ=1.03
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 0.0 22.1
ALT/AZ=75.2 -6.0
fwAVG=2.12
sdW=833.8
fwW=2.19
sdS=253.4
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=278.1
fwN=1.78
sdE=270.7
fwE=1.91
20190217T142502.0001.fits
SecZ=1.03
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 20.8 22.1
ALT/AZ=75.1 -6.8
fwAVG=1.89
sdW=411.2
fwW=1.91
sdS=144.0
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=772.8
fwN=1.81
sdE=614.1
fwE=1.88
20190217T142552.0001.fits
SecZ=1.03
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 0.0 22.1
ALT/AZ=75.1 -7.4
fwAVG=1.86
sdW=974.2
fwW=1.93
sdS=504.9
fwS=1.83
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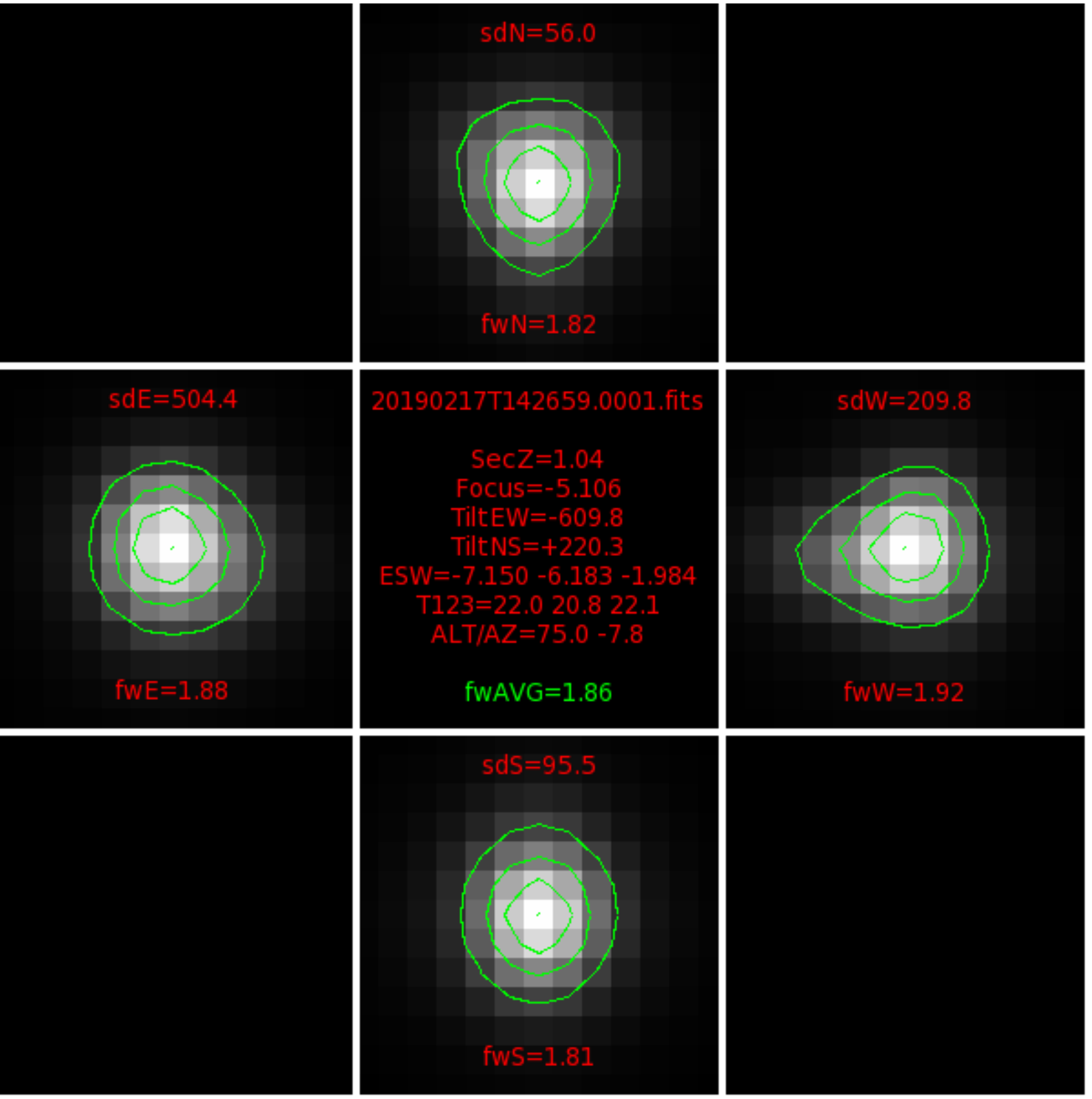
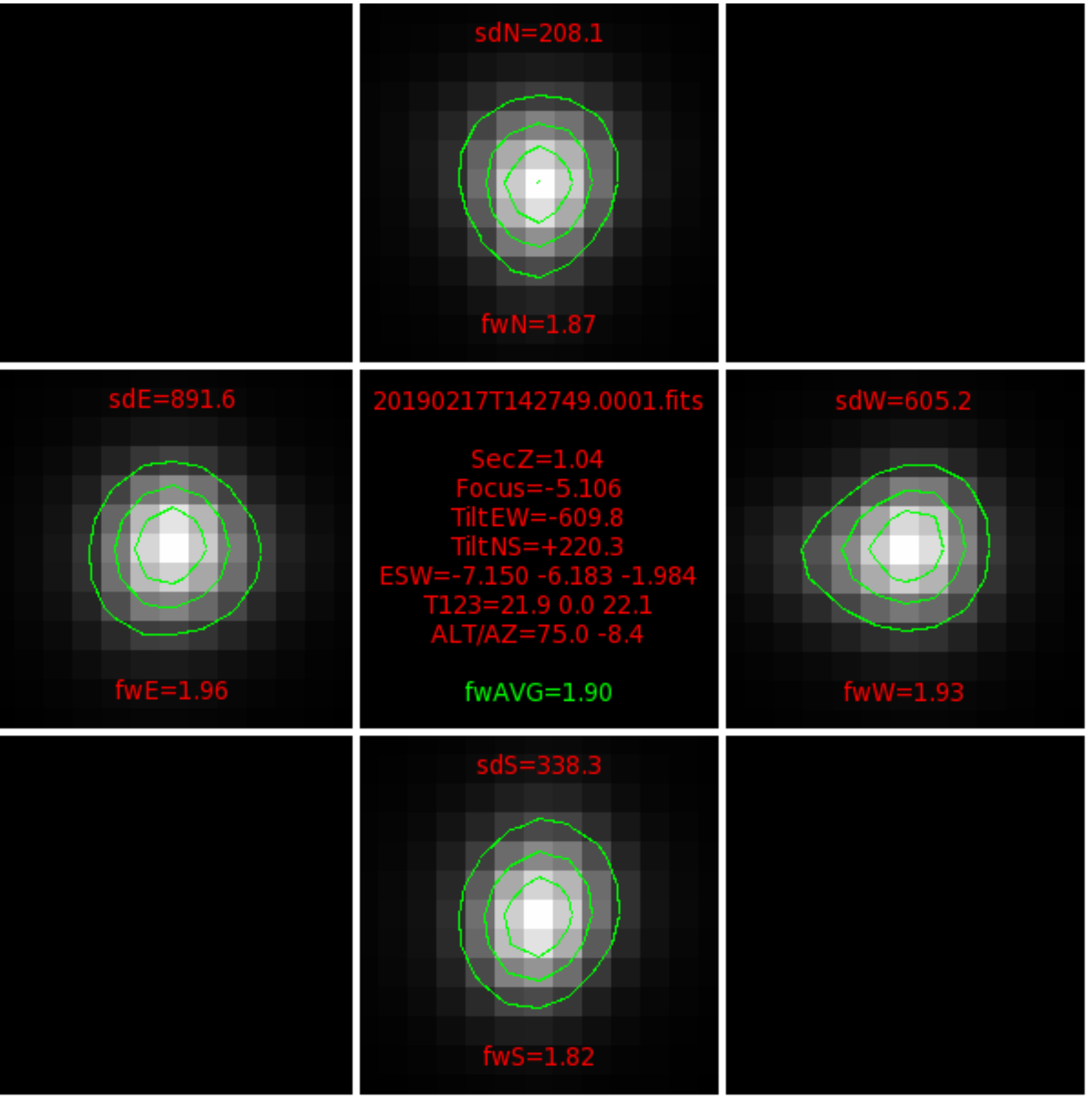
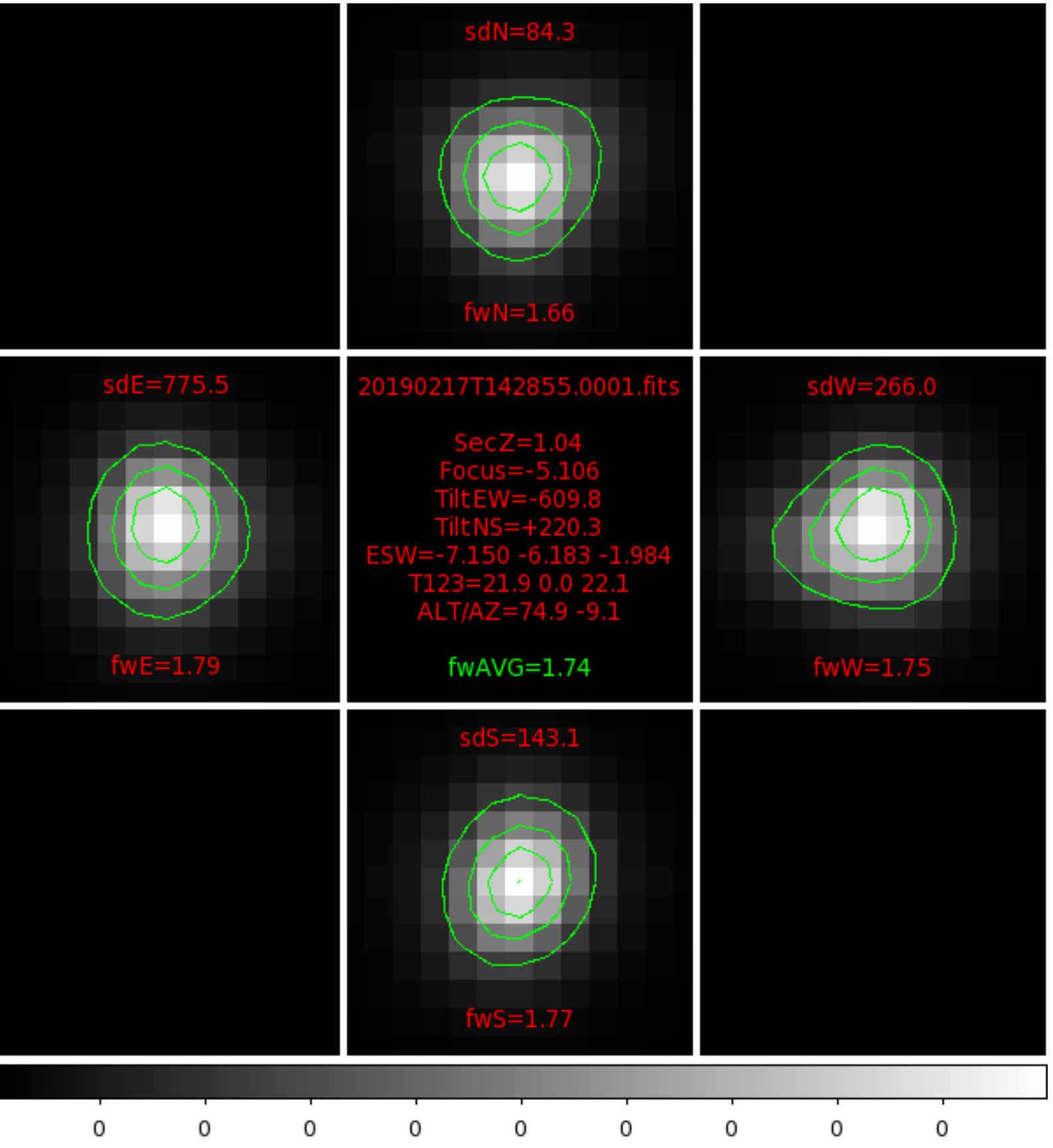
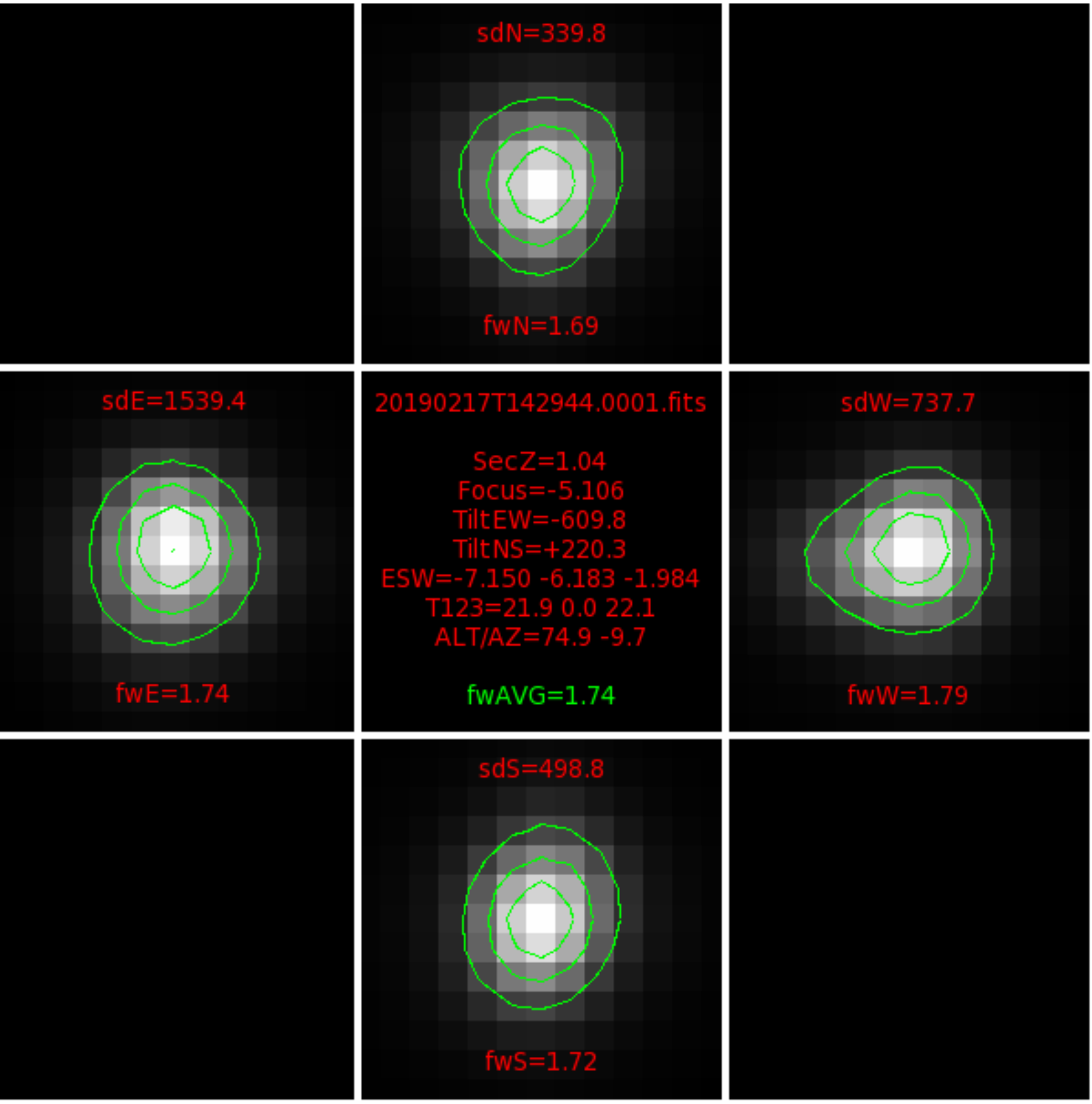

sdN=56.0
fwN=1.82
sdE=504.4
fwE=1.88
20190217T142659.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=22.0 20.8 22.1
ALT/AZ=75.0 -7.8
fwAVG=1.86
sdW=209.8
fwW=1.92
sdS=95.5
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=208.1
fwN=1.87
sdE=891.6
fwE=1.96
20190217T142749.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 0.0 22.1
ALT/AZ=75.0 -8.4
fwAVG=1.90
sdW=605.2
fwW=1.93
sdS=338.3
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=84.3
fwN=1.66
sdE=775.5
fwE=1.79
20190217T142855.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 0.0 22.1
ALT/AZ=74.9 -9.1
fwAVG=1.74
sdW=266.0
fwW=1.75
sdS=143.1
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=339.8
fwN=1.69
sdE=1539.4
fwE=1.74
20190217T142944.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 0.0 22.1
ALT/AZ=74.9 -9.7
fwAVG=1.74
sdW=737.7
fwW=1.79
sdS=498.8
fwS=1.72
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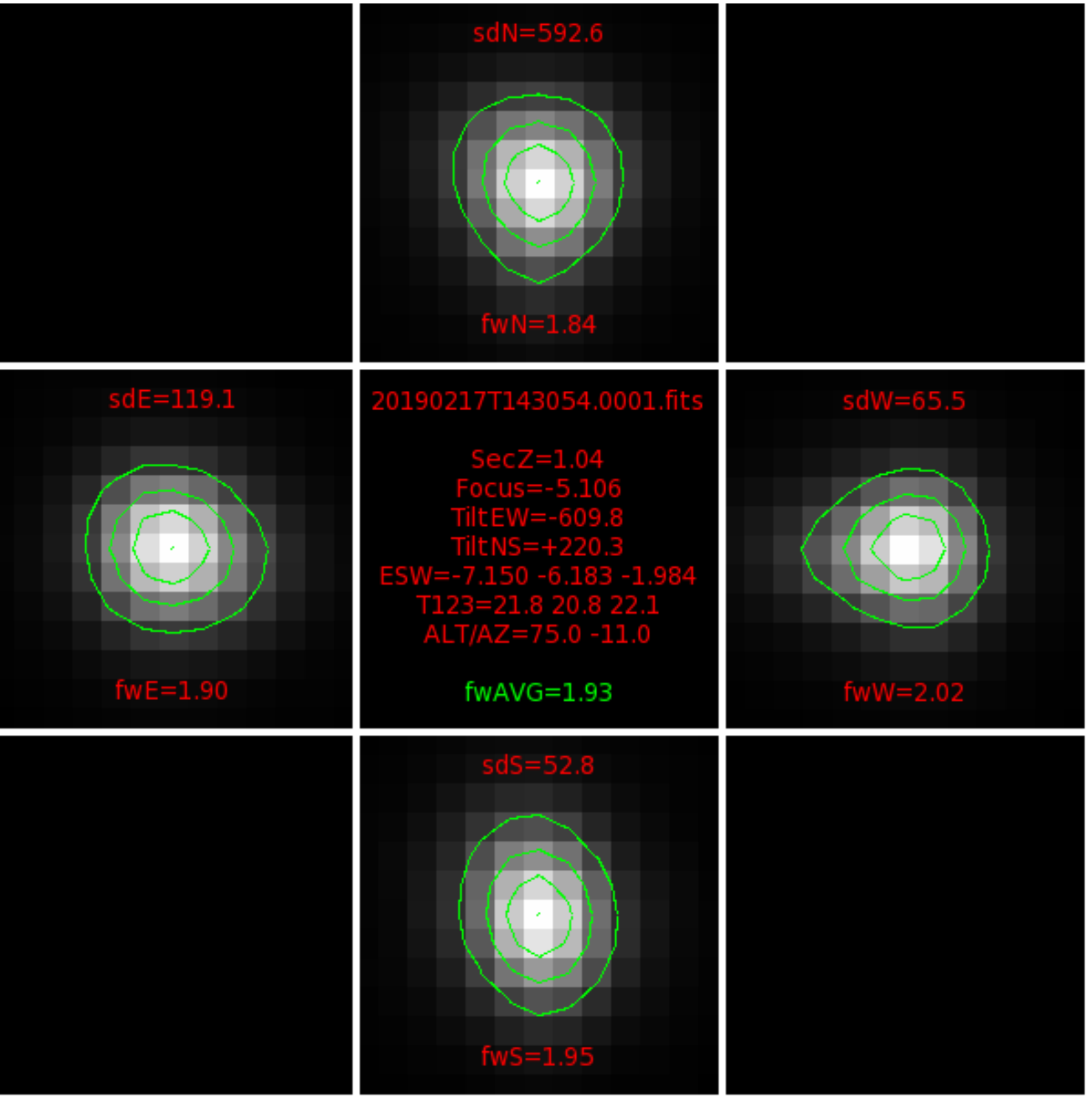
sdN=592.6
fwN=1.84
sdE=119.1
fwE=1.90
20190217T143054.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 20.8 22.1
ALT/AZ=75.0 -11.0
fwAVG=1.93
sdW=65.5
fwW=2.02
sdS=52.8
fwS=1.95
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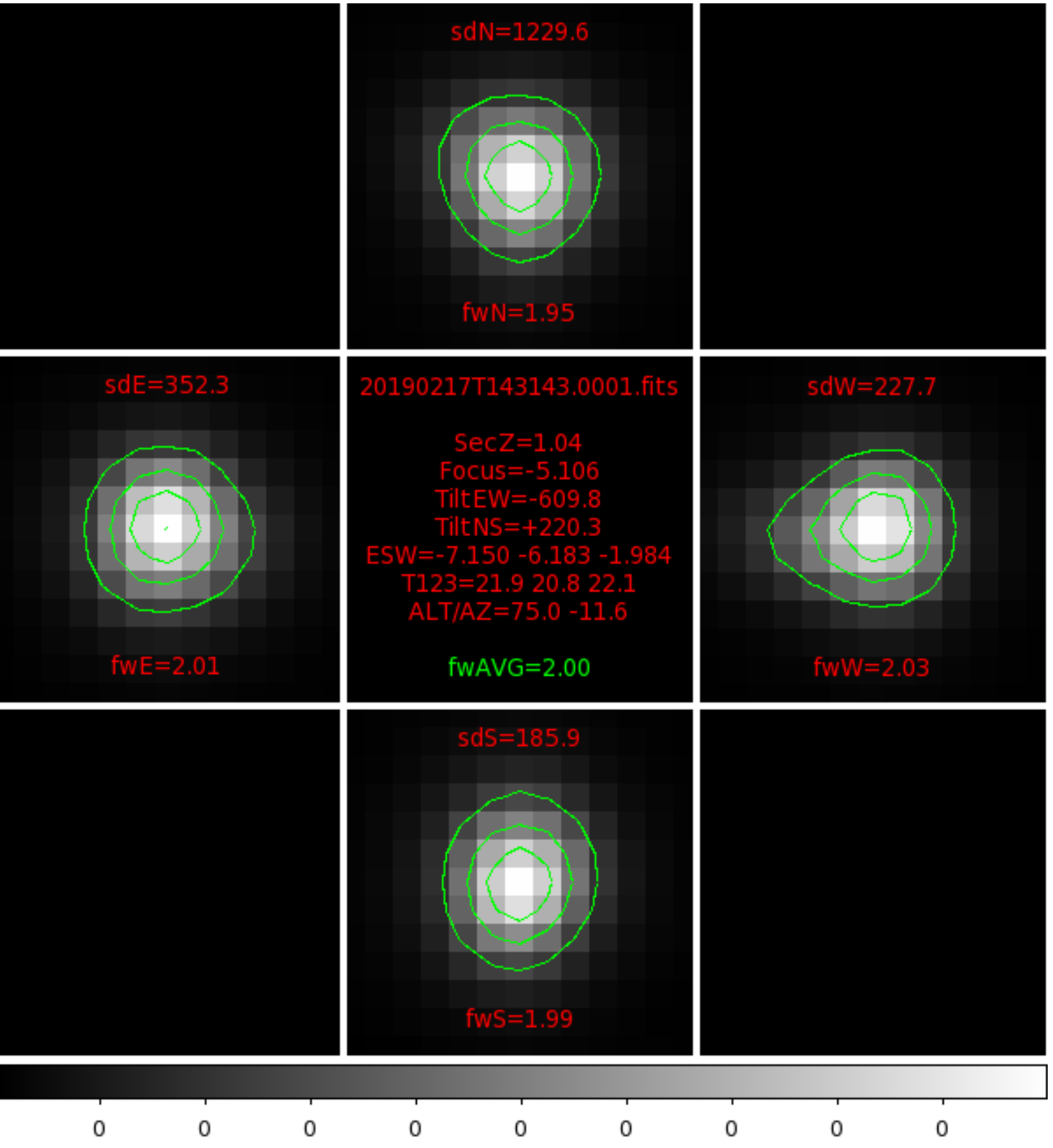
sdN=1229.6
fwN=1.95
sdE=352.3
fwE=2.01
20190217T143143.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 20.8 22.1
ALT/AZ=75.0 -11.6
fwAVG=2.00
sdW=227.7
fwW=2.03
sdS=185.9
fwS=1.99
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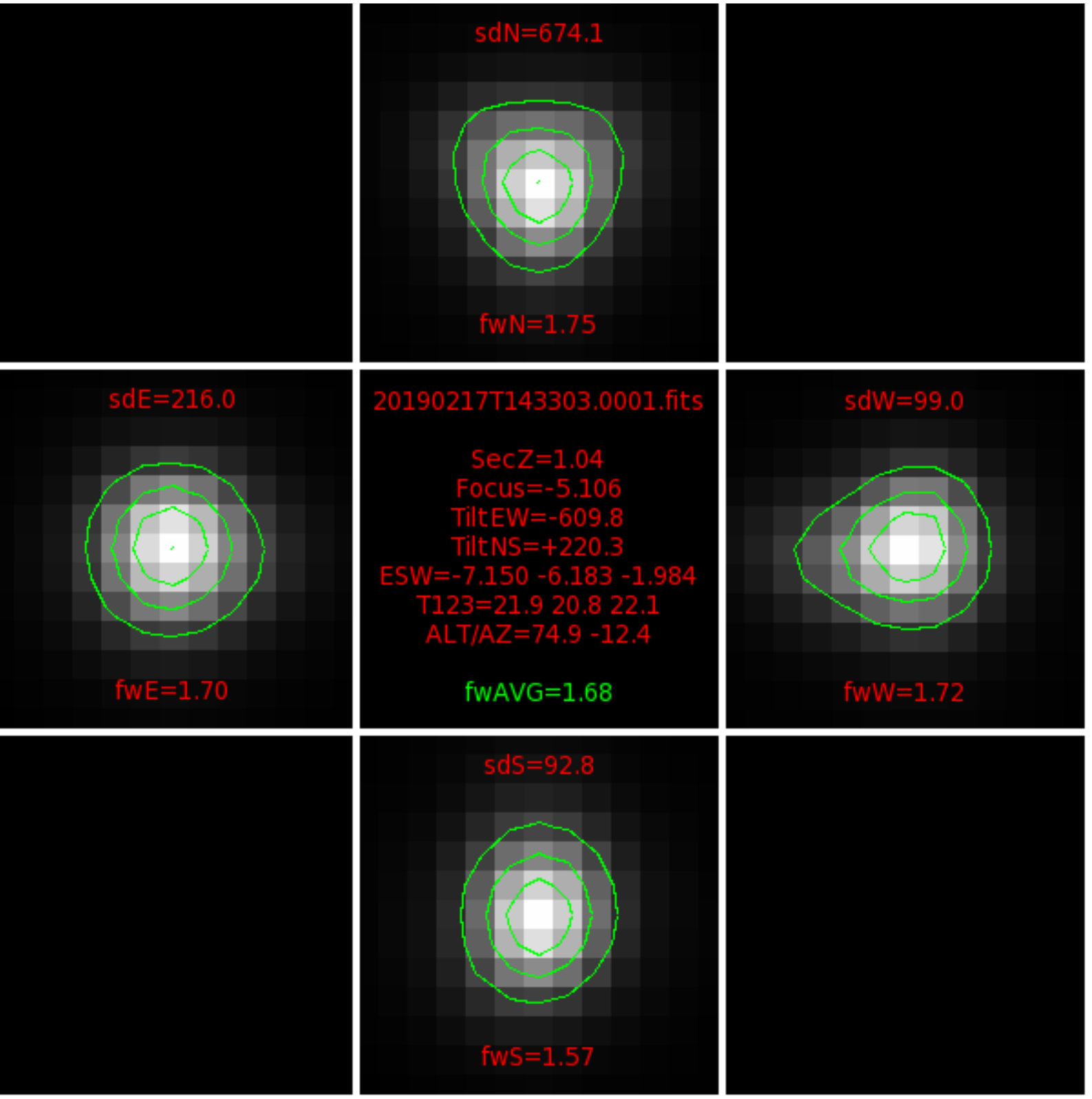
sdN=674.1
fwN=1.75
sdE=216.0
fwE=1.70
20190217T143303.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 20.8 22.1
ALT/AZ=74.9 -12.4
fwAVG=1.68
sdW=99.0
fwW=1.72
sdS=92.8
fwS=1.57
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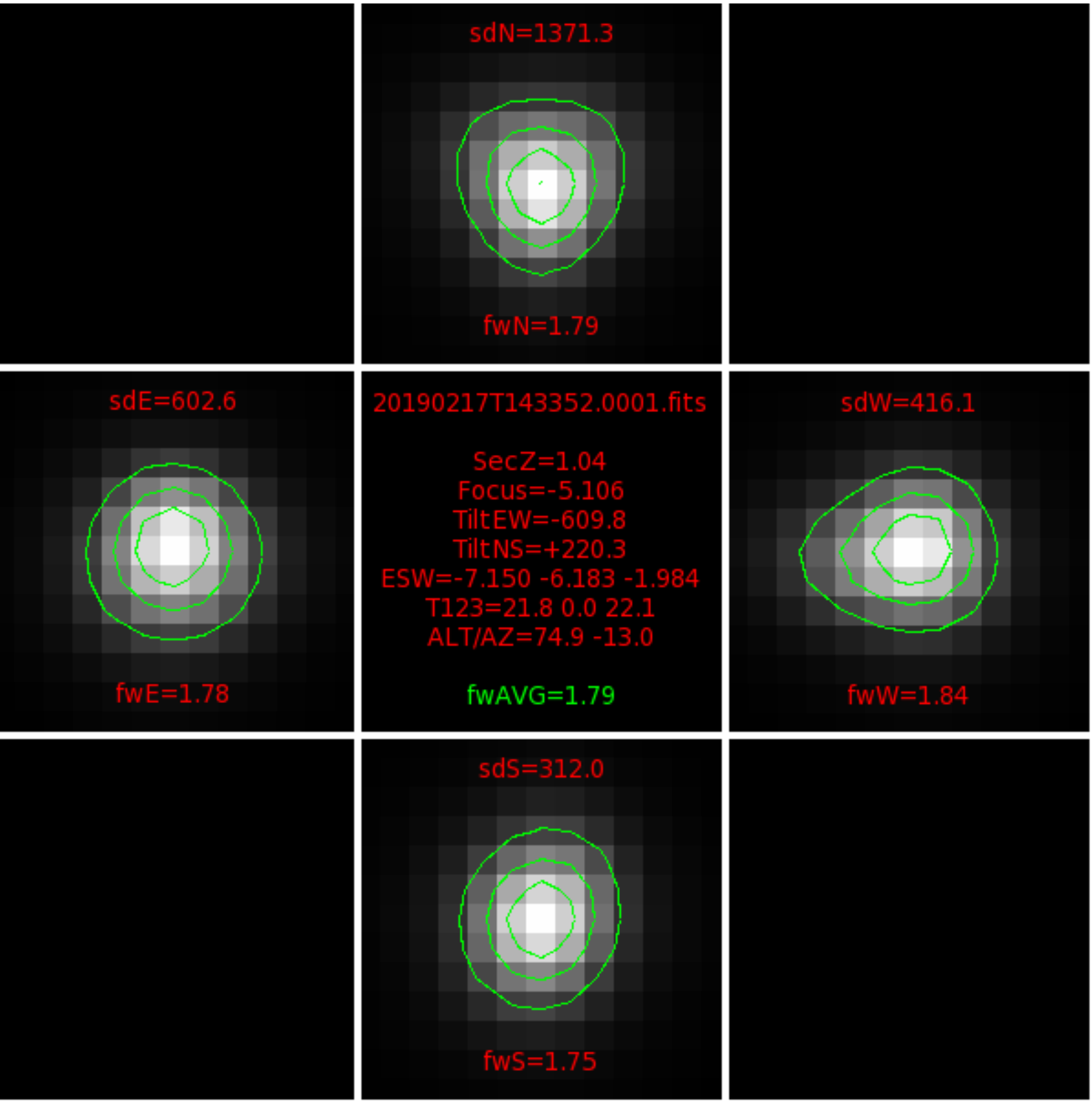
sdN=1371.3
fwN=1.79
sdE=602.6
fwE=1.78
20190217T143352.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 0.0 22.1
ALT/AZ=74.9 -13.0
fwAVG=1.79
sdW=416.1
fwW=1.84
sdS=312.0
fwS=1.75
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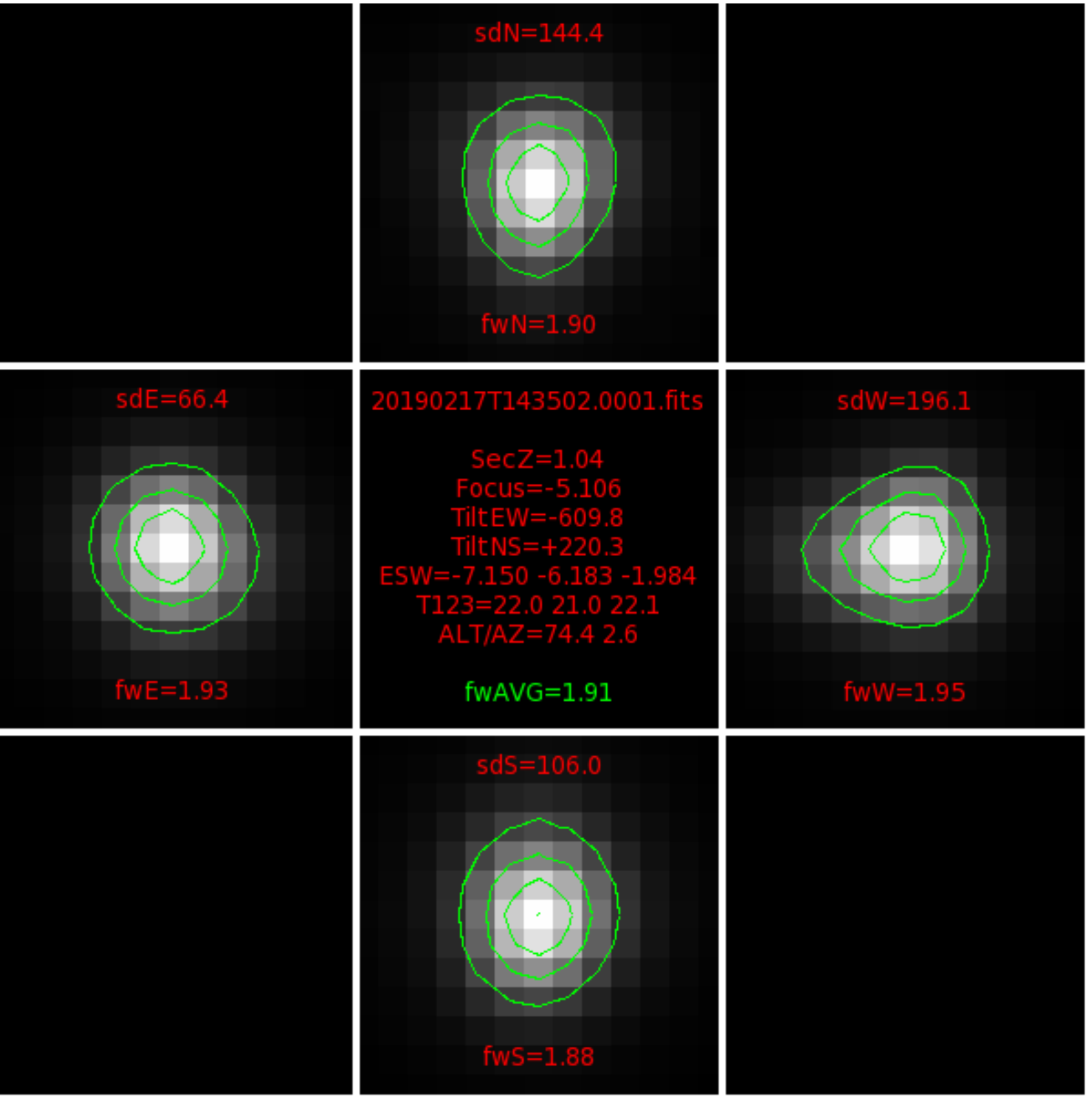
sdN=144.4
fwN=1.90
sdE=66.4
fwE=1.93
20190217T143502.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=22.0 21.0 22.1
ALT/AZ=74.4 2.6
fwAVG=1.91
sdW=196.1
fwW=1.95
sdS=106.0
fwS=1.88
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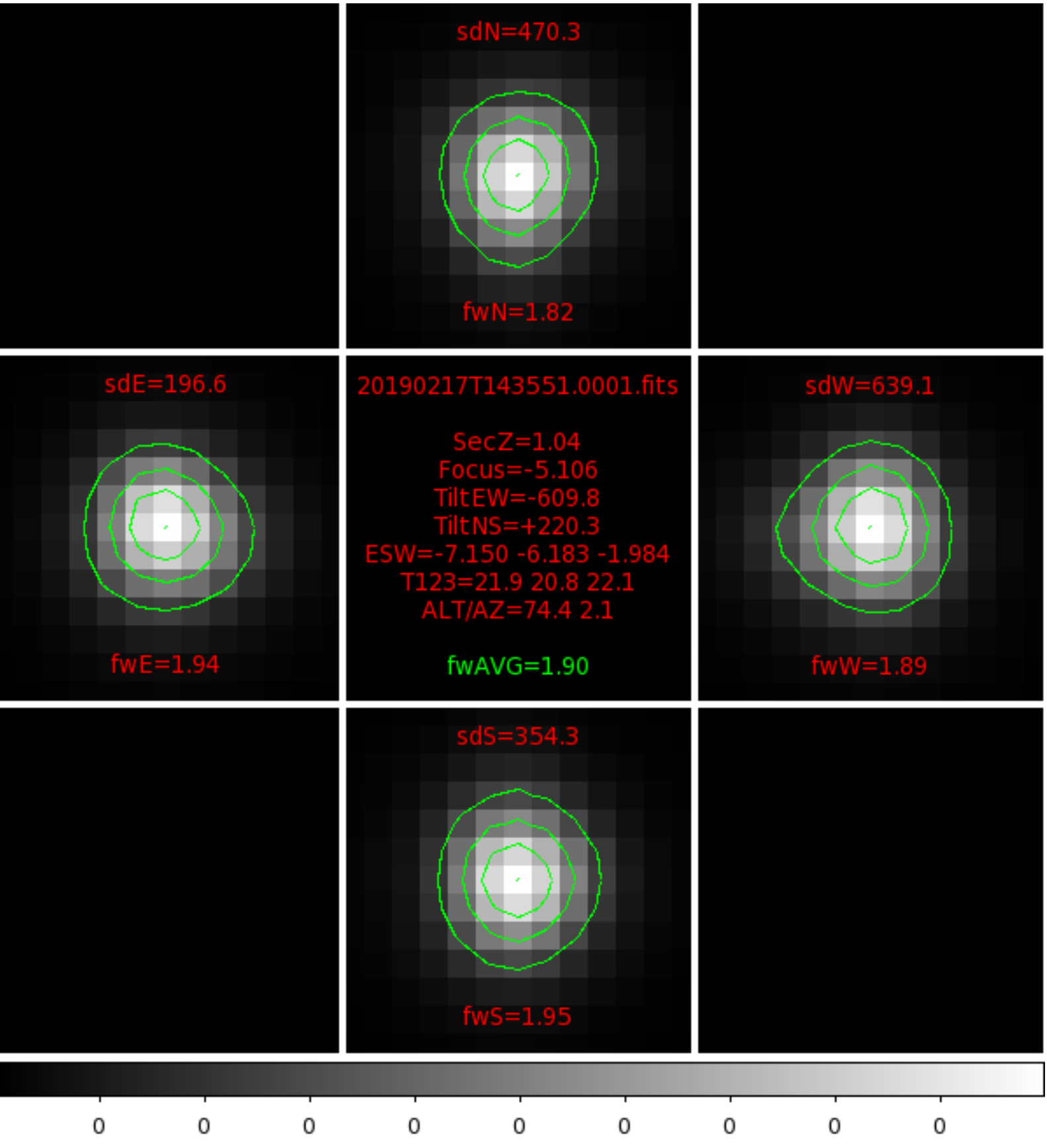
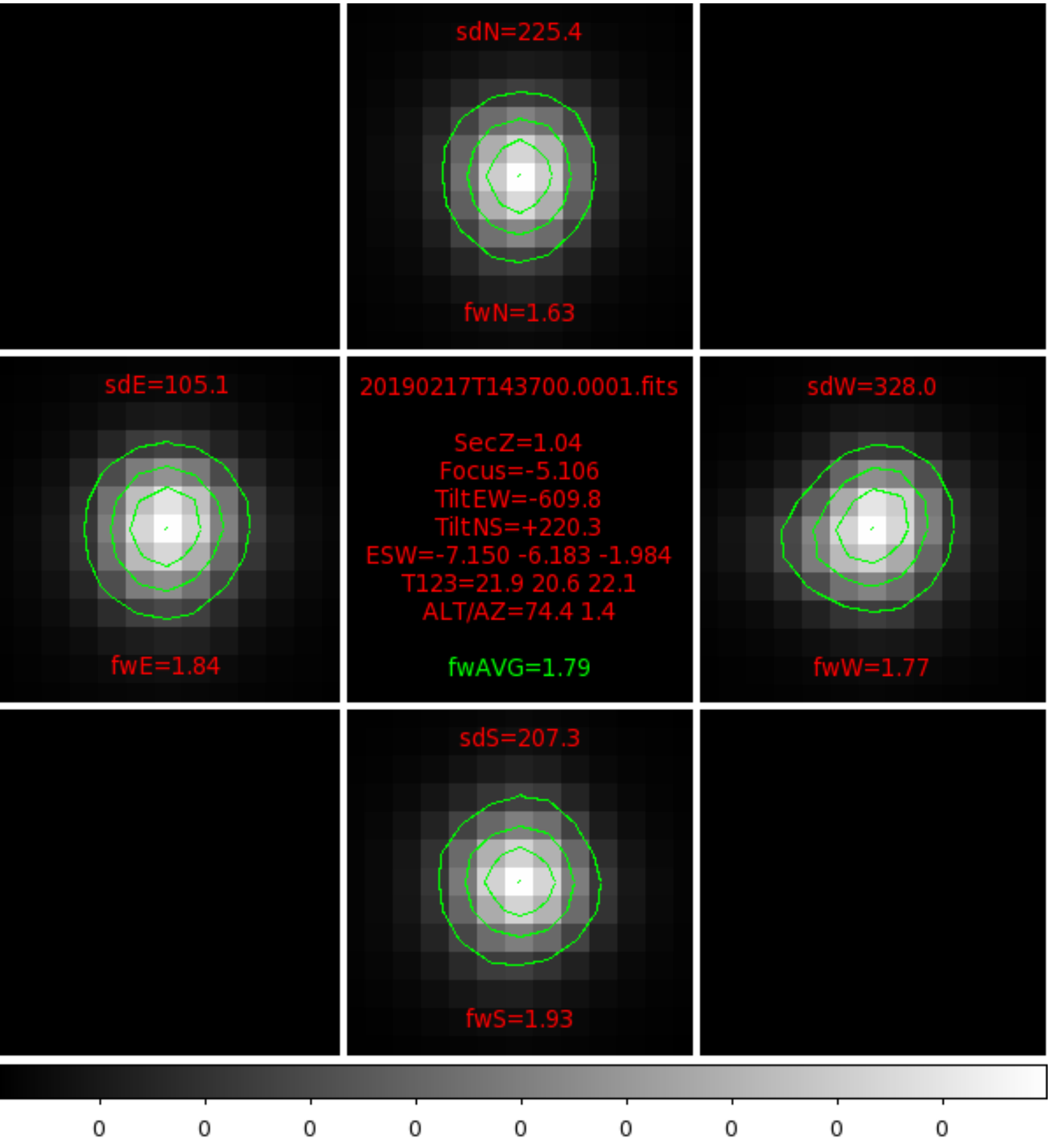
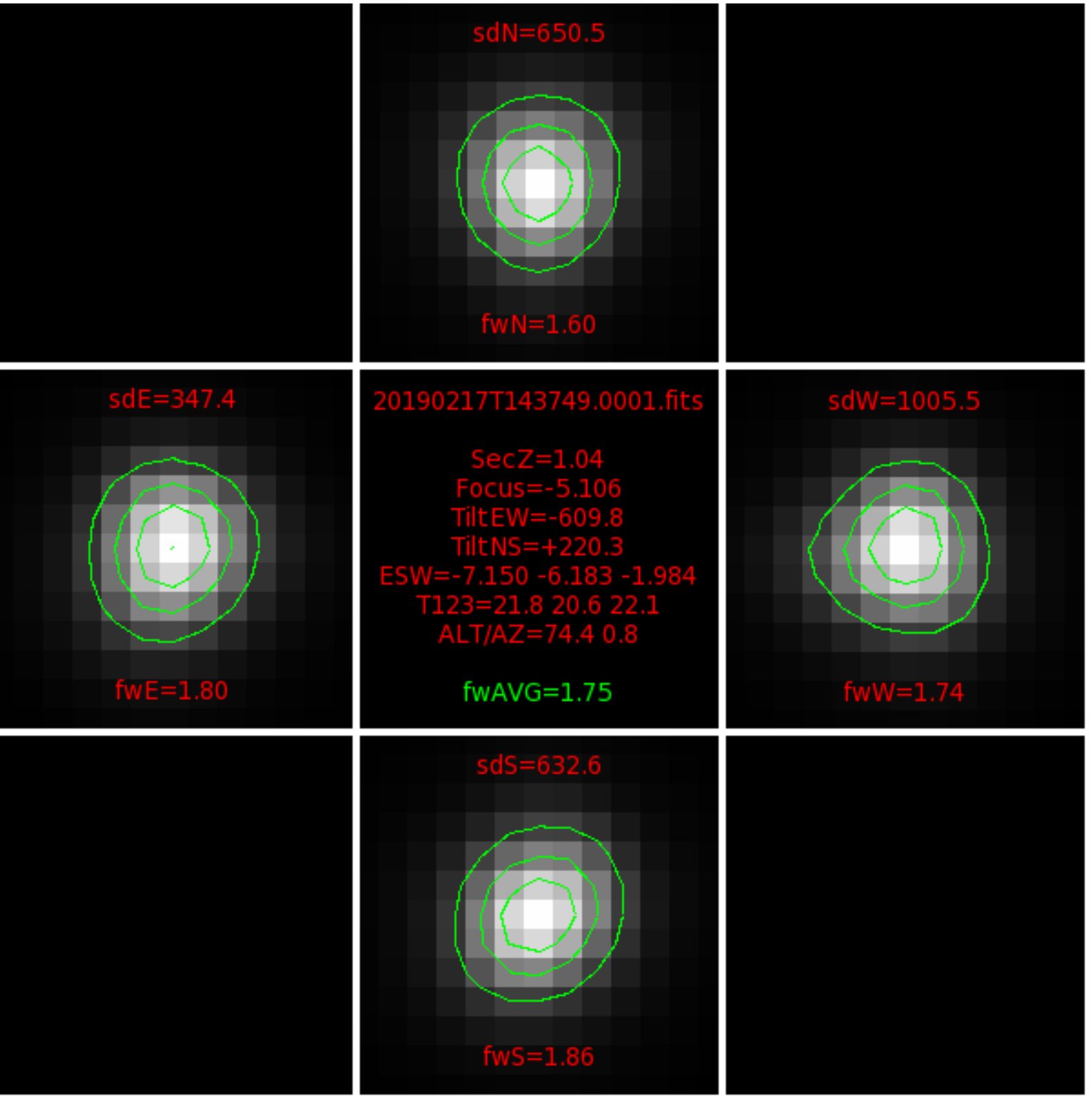
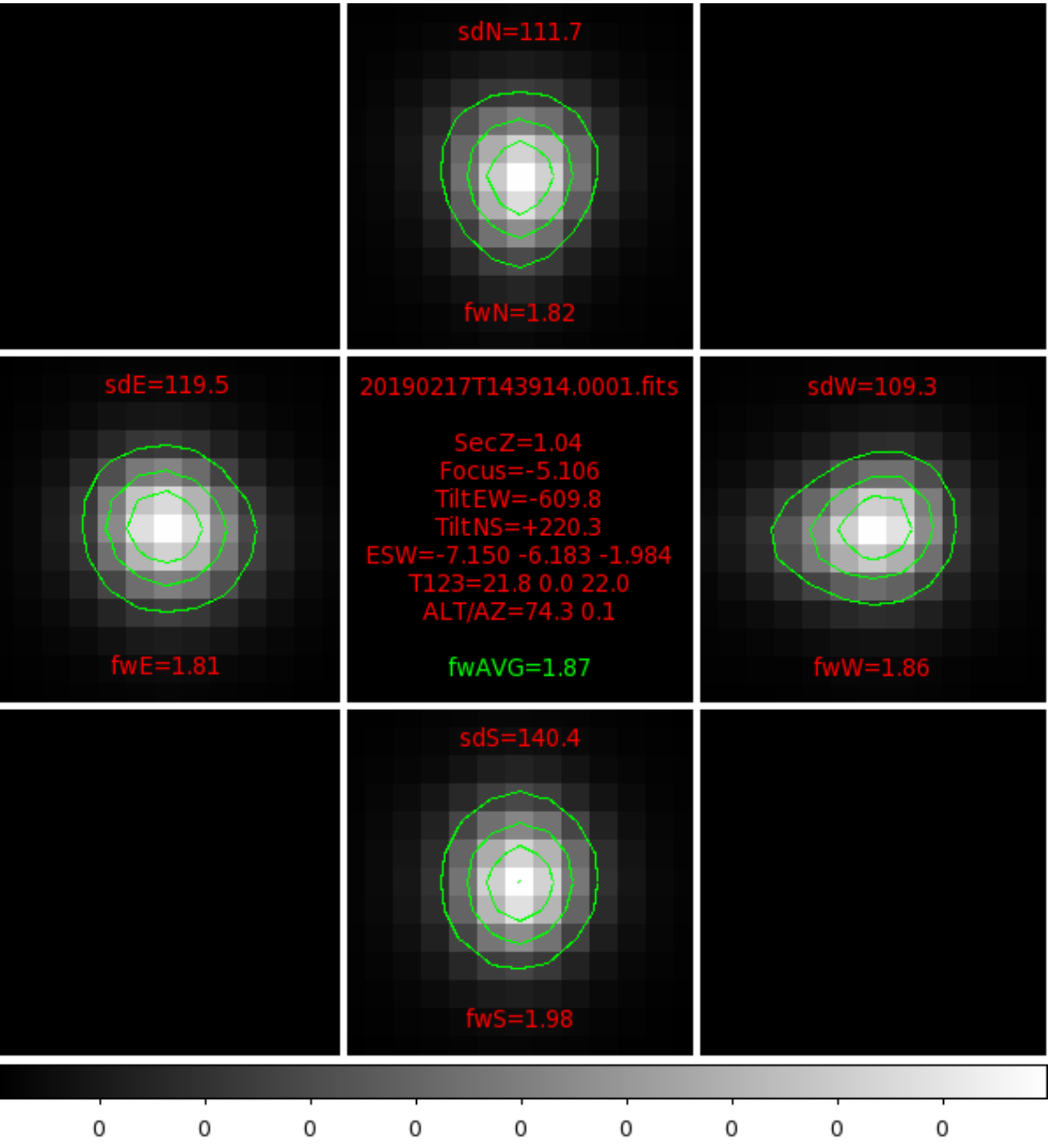
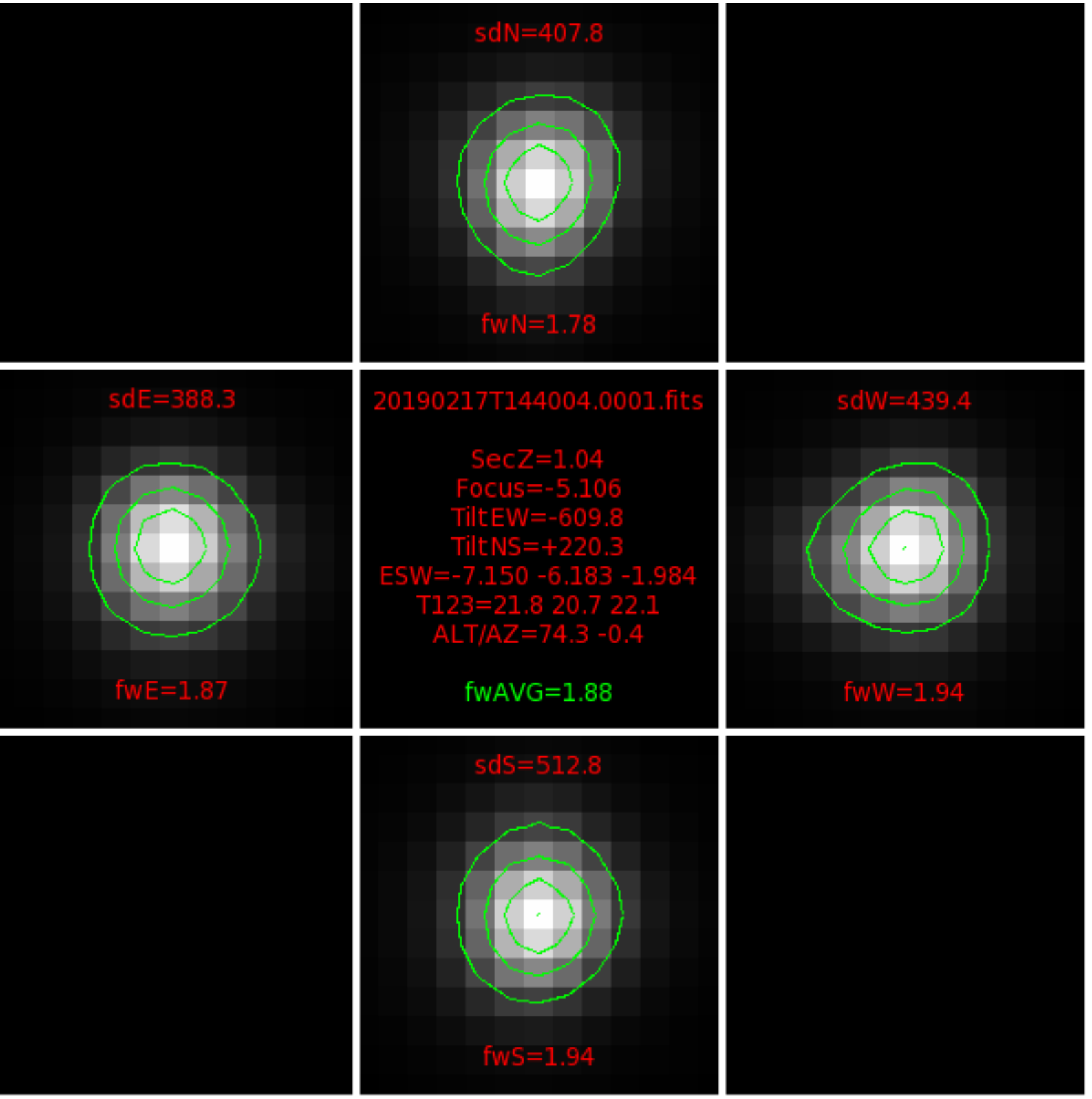

sdN=470.3
fwN=1.82
sdE=196.6
fwE=1.94
20190217T143551.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 20.8 22.1
ALT/AZ=74.4 2.1
fwAVG=1.90
sdW=639.1
fwW=1.89
sdS=354.3
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=225.4
fwN=1.63
sdE=105.1
fwE=1.84
20190217T143700.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 20.6 22.1
ALT/AZ=74.4 1.4
fwAVG=1.79
sdW=328.0
fwW=1.77
sdS=207.3
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=650.5
fwN=1.60
sdE=347.4
fwE=1.80
20190217T143749.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 20.6 22.1
ALT/AZ=74.4 0.8
fwAVG=1.75
sdW=1005.5
fwW=1.74
sdS=632.6
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=111.7
fwN=1.82
sdE=119.5
fwE=1.81
20190217T143914.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 0.0 22.0
ALT/AZ=74.3 0.1
fwAVG=1.87
sdW=109.3
fwW=1.86
sdS=140.4
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=407.8
fwN=1.78
sdE=388.3
fwE=1.87
20190217T144004.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 20.7 22.1
ALT/AZ=74.3 -0.4
fwAVG=1.88
sdW=439.4
fwW=1.94
sdS=512.8
fwS=1.94
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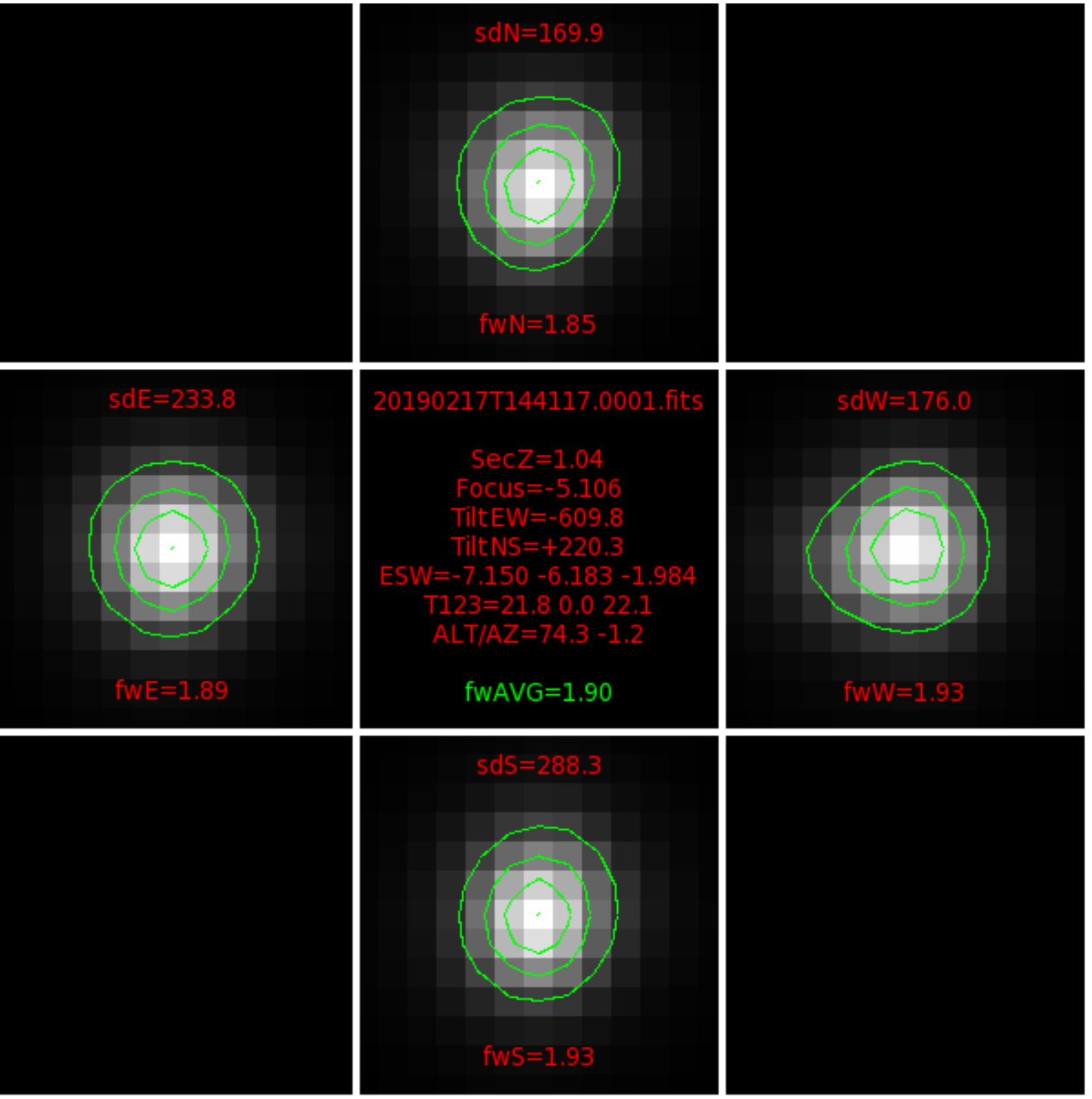
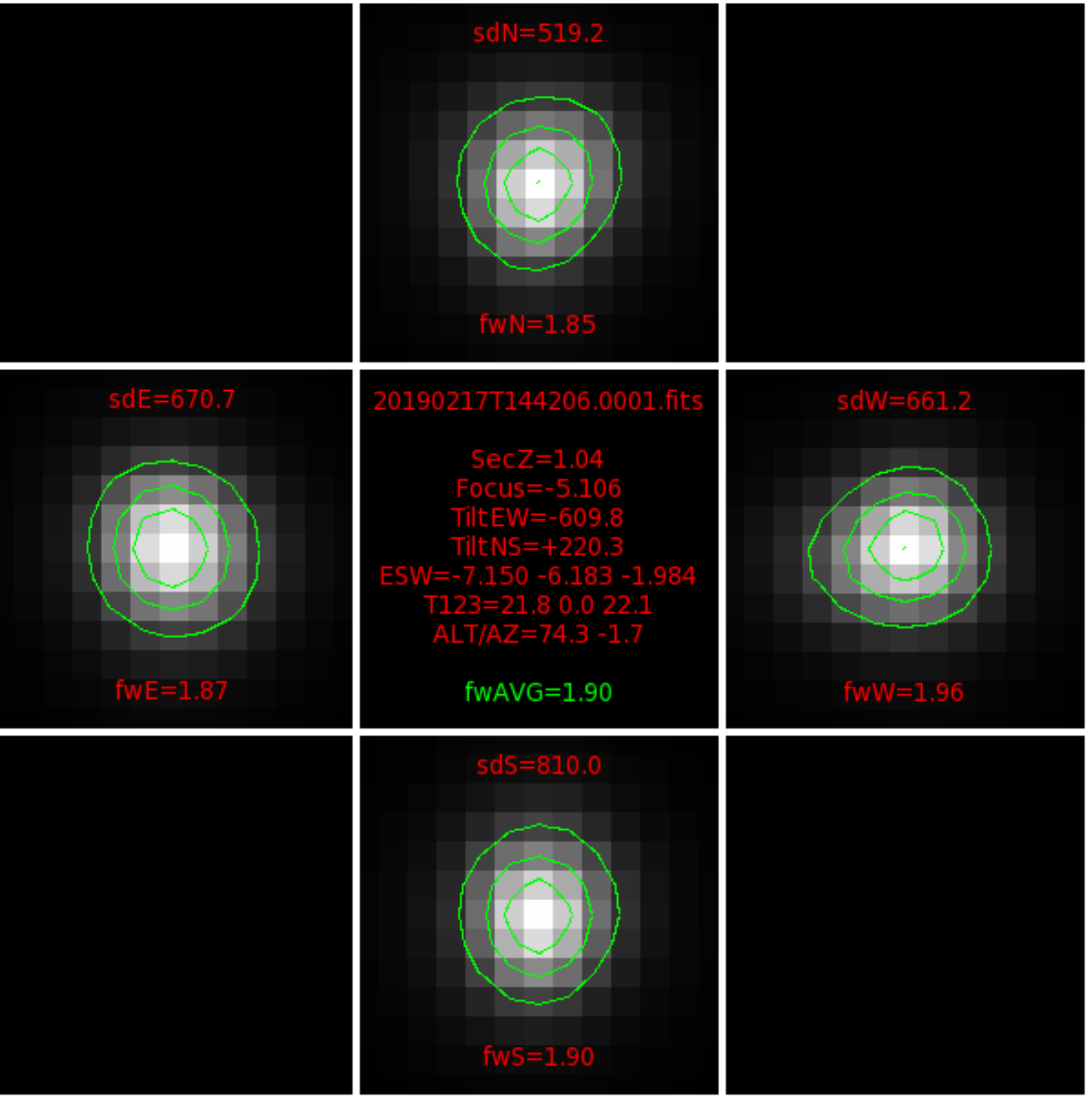
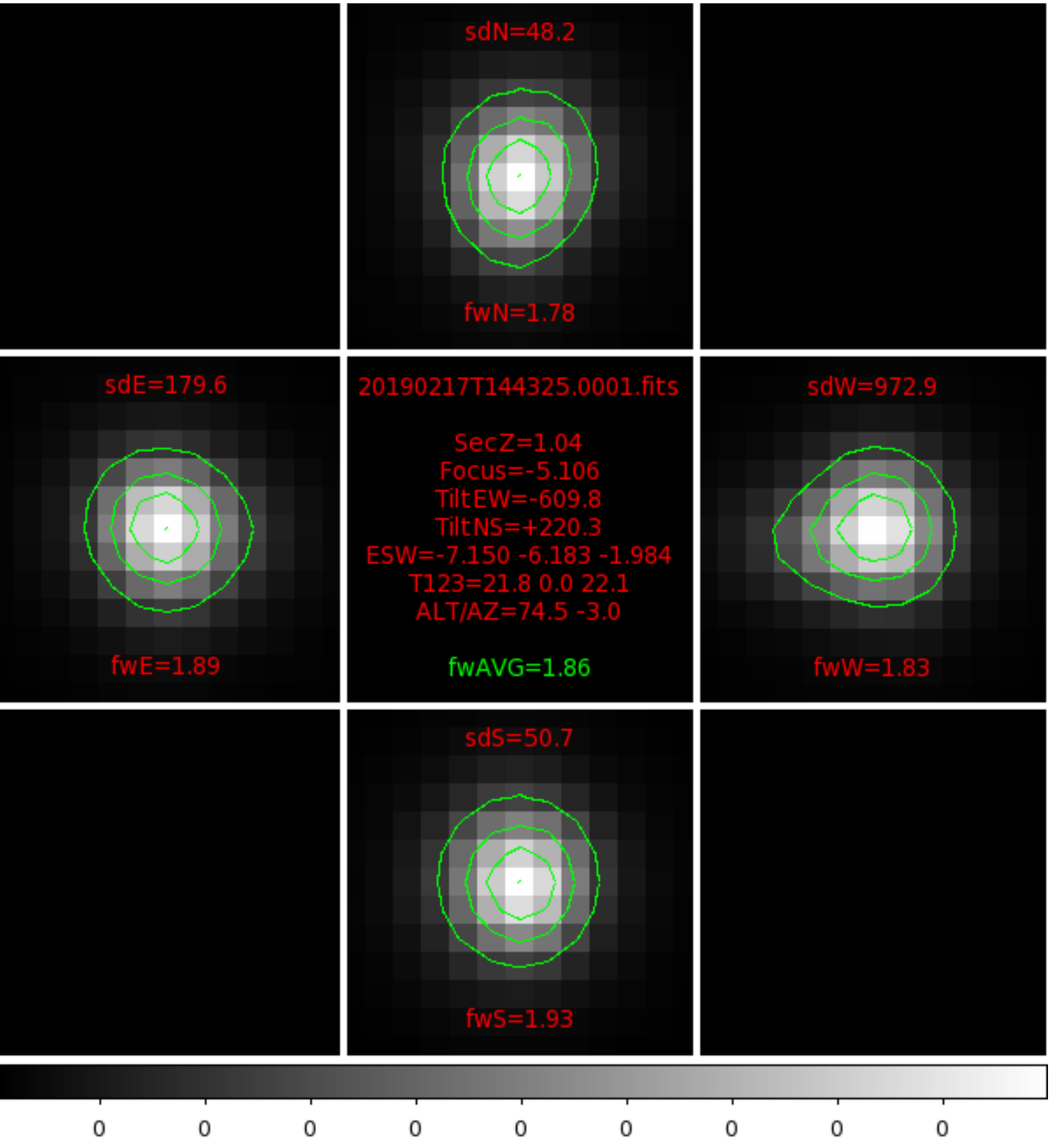

sdN=169.9
fwN=1.85
sdE=233.8
fwE=1.89
20190217T144117.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 0.0 22.1
ALT/AZ=74.3 -1.2
fwAVG=1.90
sdW=176.0
fwW=1.93
sdS=288.3
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=519.2
fwN=1.85
sdE=670.7
fwE=1.87
20190217T144206.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 0.0 22.1
ALT/AZ=74.3 -1.7
fwAVG=1.90
sdW=661.2
fwW=1.96
sdS=810.0
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=48.2
fwN=1.78
sdE=179.6
fwE=1.89
20190217T144325.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 0.0 22.1
ALT/AZ=74.5 -3.0
fwAVG=1.86
sdW=972.9
fwW=1.83
sdS=50.7
fwS=1.93
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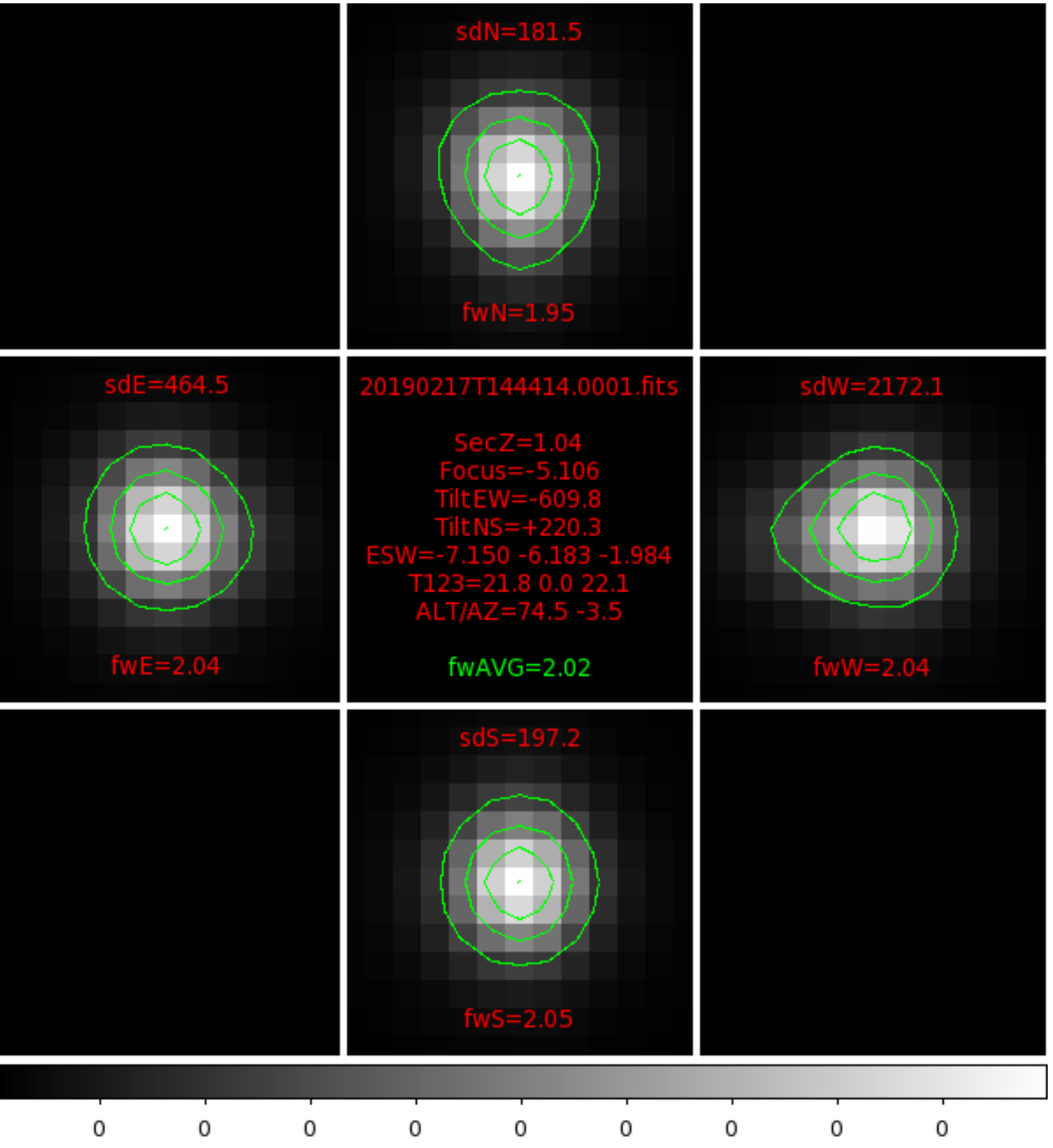
sdN=181.5
fwN=1.95
sdE=464.5
fwE=2.04
20190217T144414.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 0.0 22.1
ALT/AZ=74.5 -3.5
fwAVG=2.02
sdW=2172.1
fwW=2.04
sdS=197.2
fwS=2.05
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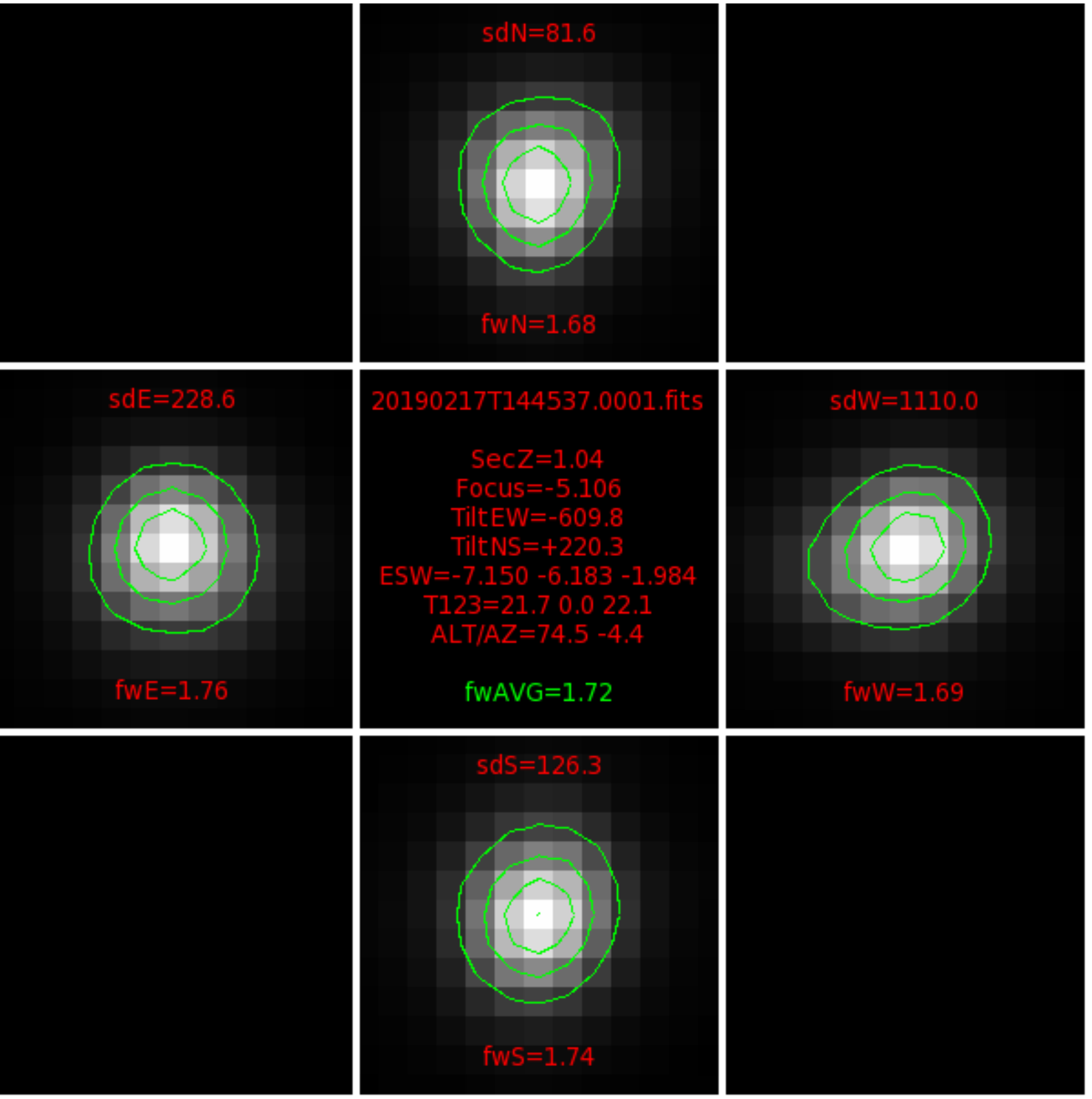
sdN=81.6
fwN=1.68
sdE=228.6
fwE=1.76
20190217T144537.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.7 0.0 22.1
ALT/AZ=74.5 -4.4
fwAVG=1.72
sdW=1110.0
fwW=1.69
sdS=126.3
fwS=1.74
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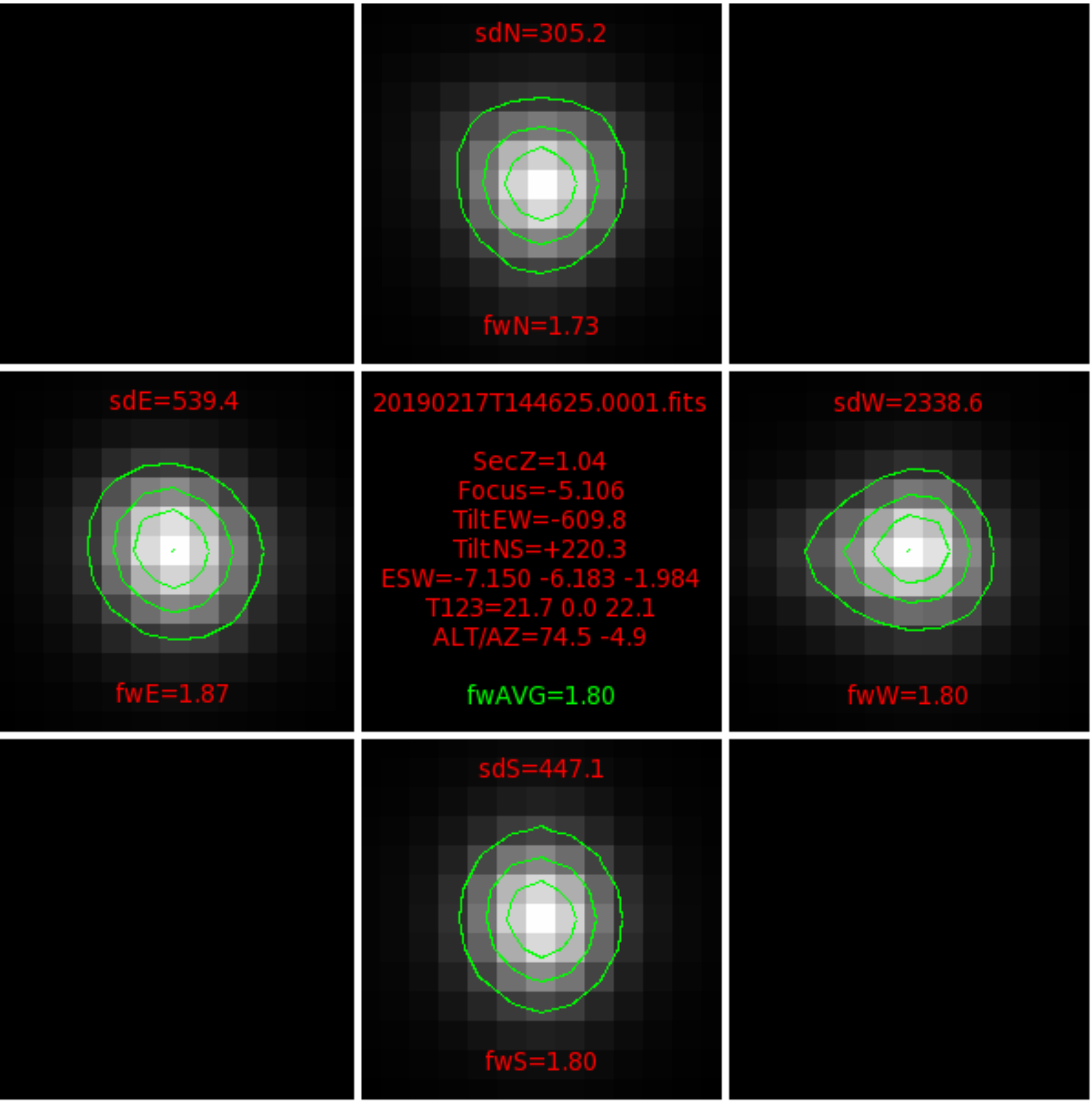
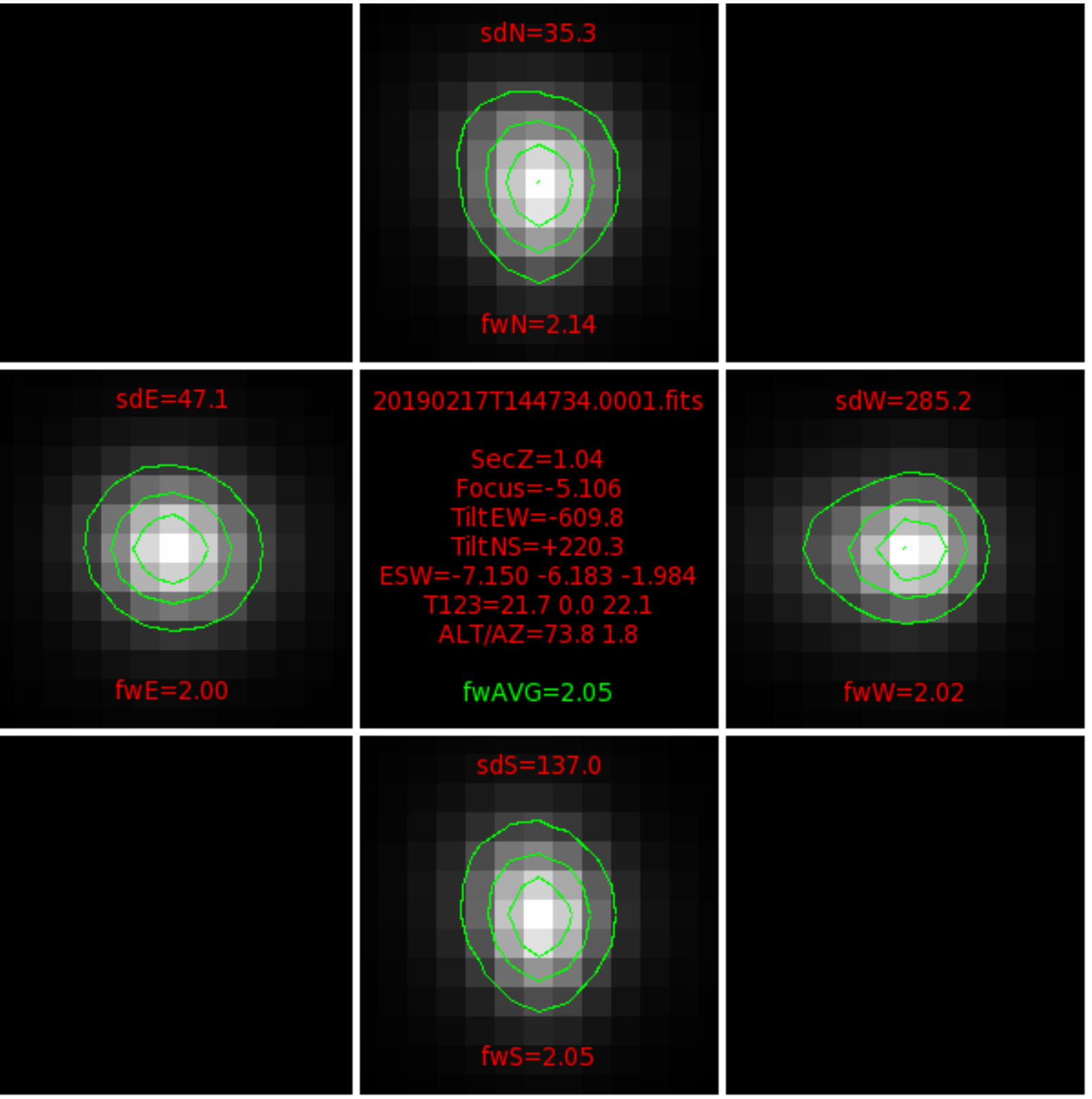
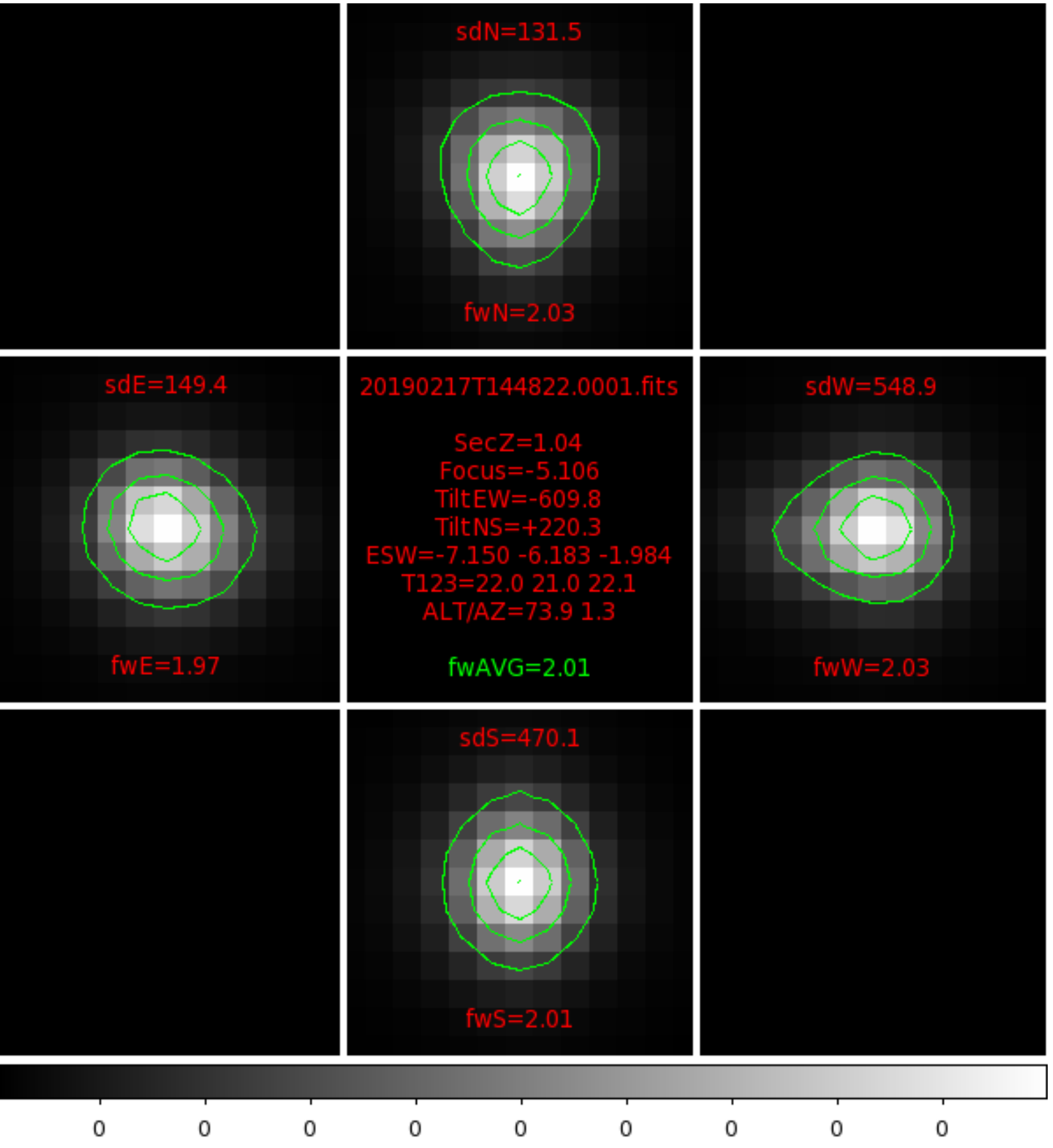
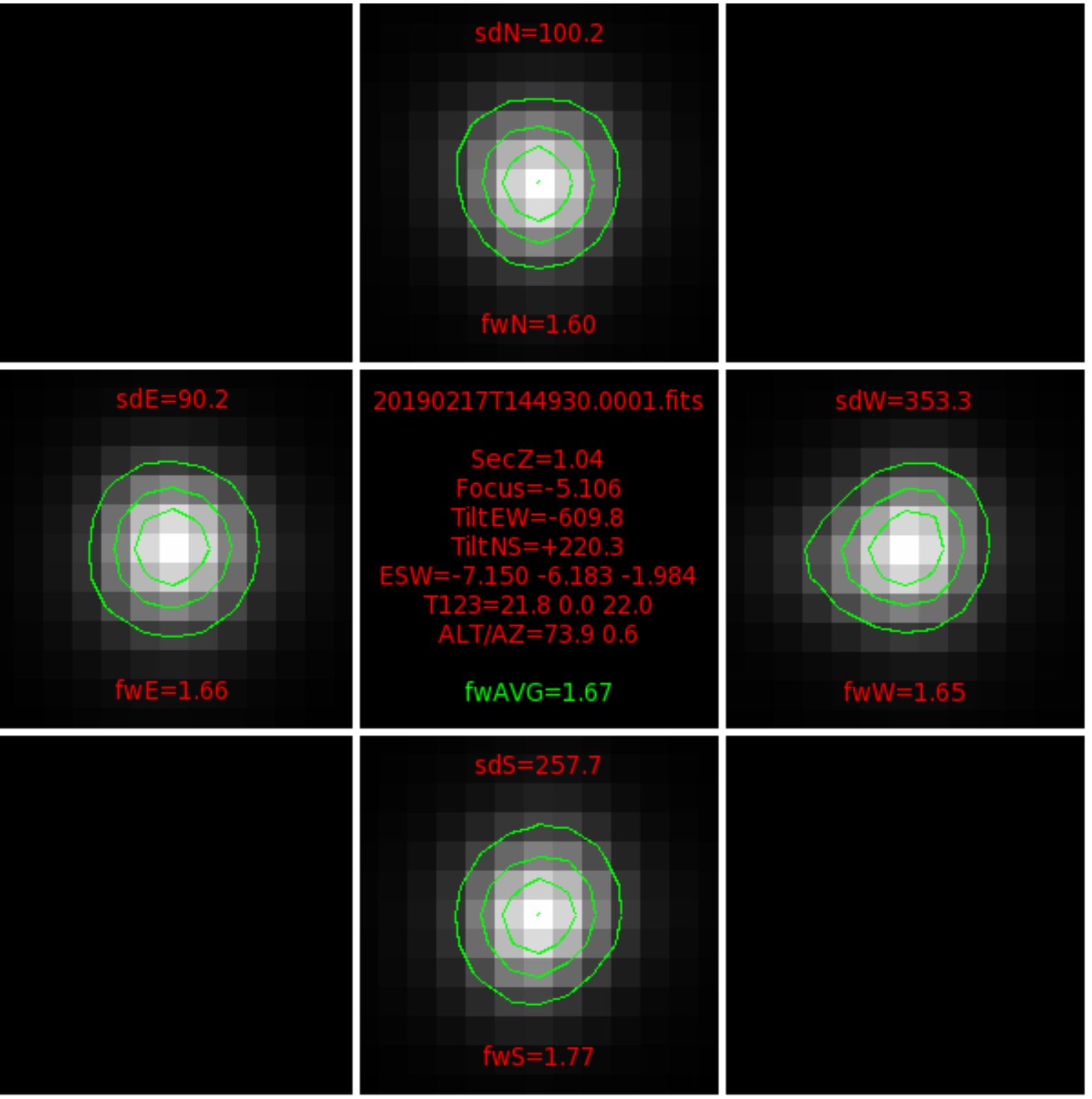
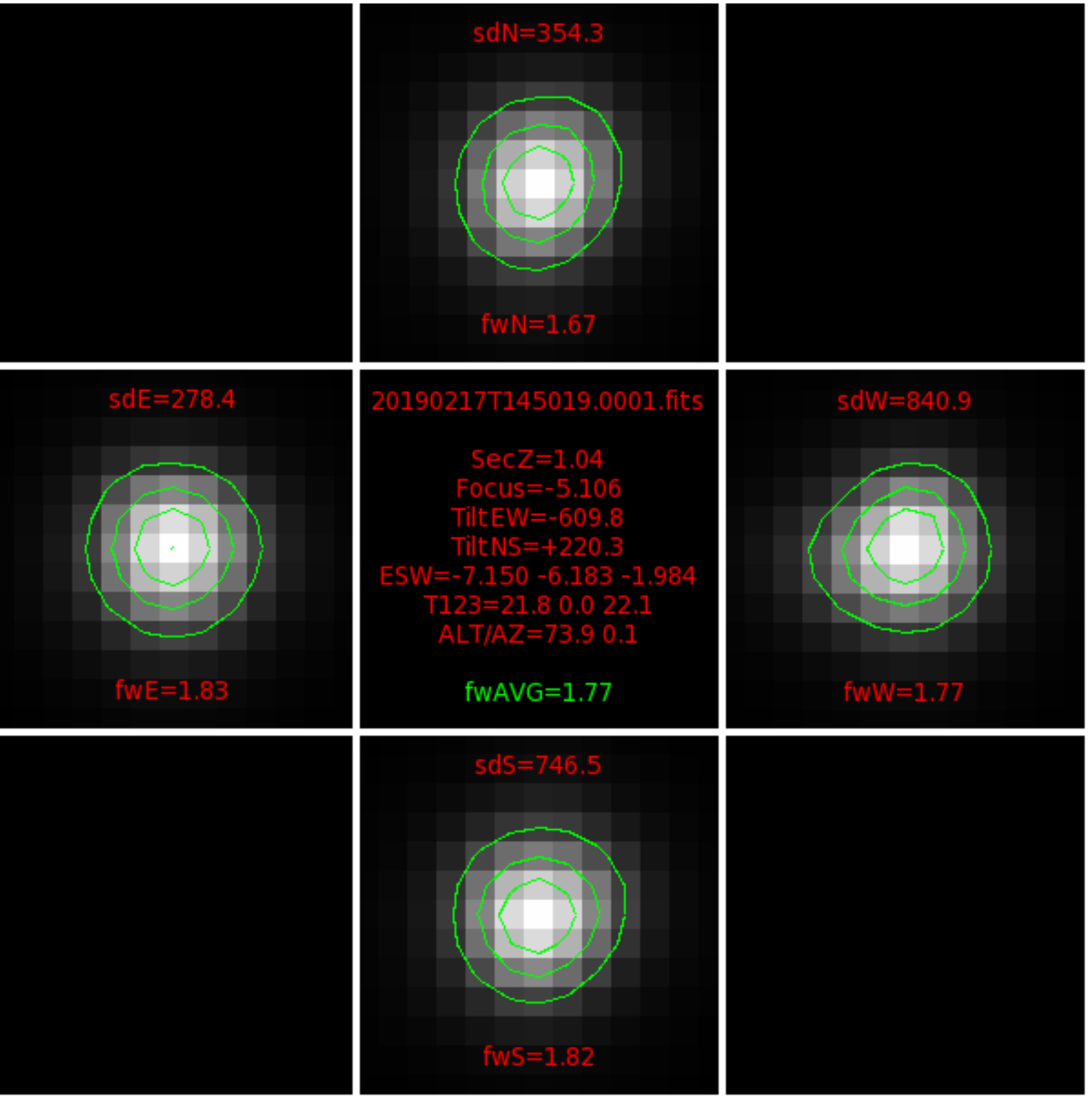

sdN=305.2
fwN=1.73
sdE=539.4
fwE=1.87
20190217T144625.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.7 0.0 22.1
ALT/AZ=74.5 -4.9
fwAVG=1.80
sdW=2338.6
fwW=1.80
sdS=447.1
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=35.3
fwN=2.14
sdE=47.1
fwE=2.00
20190217T144734.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.7 0.0 22.1
ALT/AZ=73.8 1.8
fwAVG=2.05
sdW=285.2
fwW=2.02
sdS=137.0
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=131.5
fwN=2.03
sdE=149.4
fwE=1.97
20190217T144822.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=22.0 21.0 22.1
ALT/AZ=73.9 1.3
fwAVG=2.01
sdW=548.9
fwW=2.03
sdS=470.1
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=100.2
fwN=1.60
sdE=90.2
fwE=1.66
20190217T144930.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 0.0 22.0
ALT/AZ=73.9 0.6
fwAVG=1.67
sdW=353.3
fwW=1.65
sdS=257.7
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=354.3
fwN=1.67
sdE=278.4
fwE=1.83
20190217T145019.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 0.0 22.1
ALT/AZ=73.9 0.1
fwAVG=1.77
sdW=840.9
fwW=1.77
sdS=746.5
fwS=1.82
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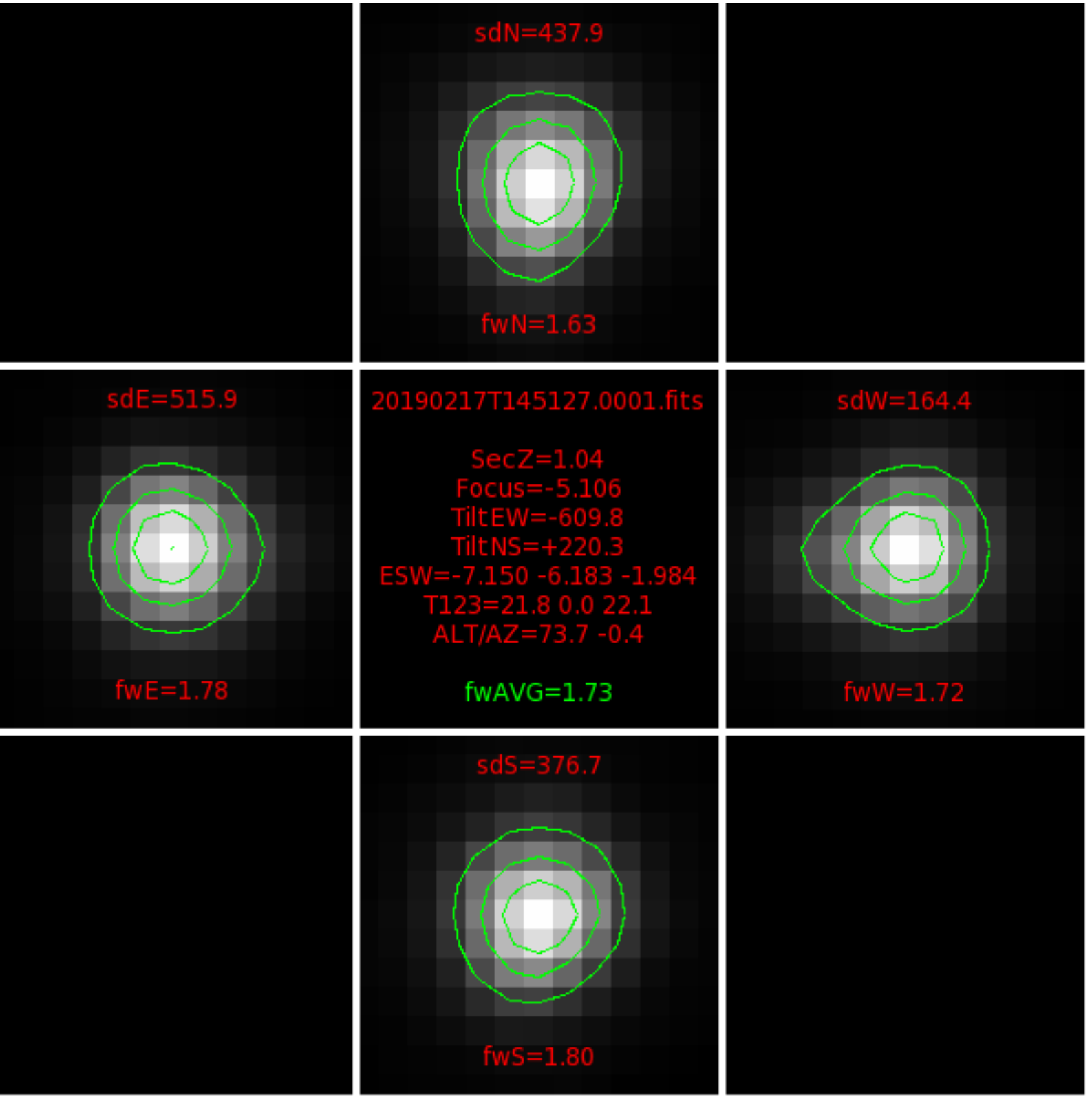
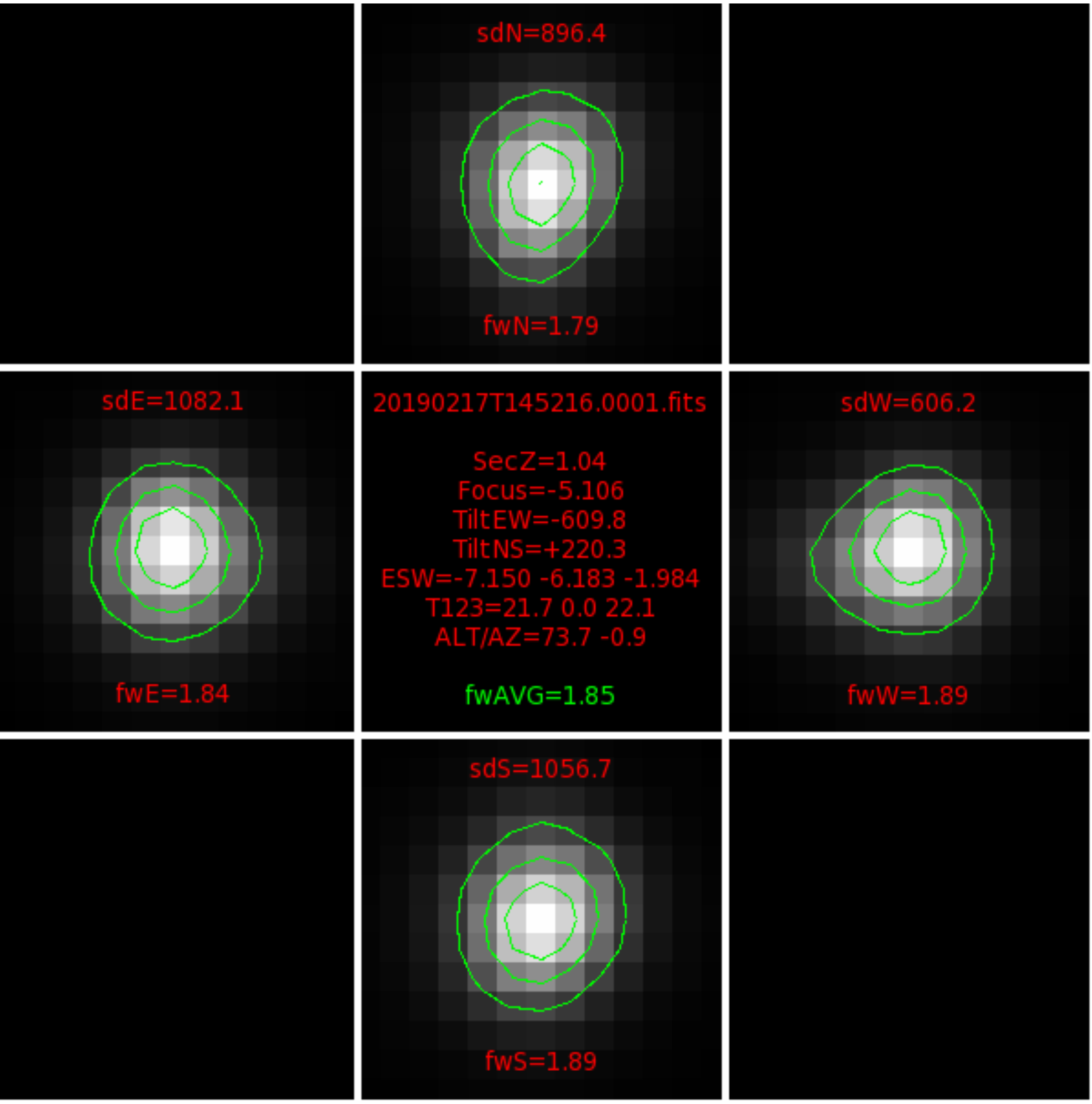
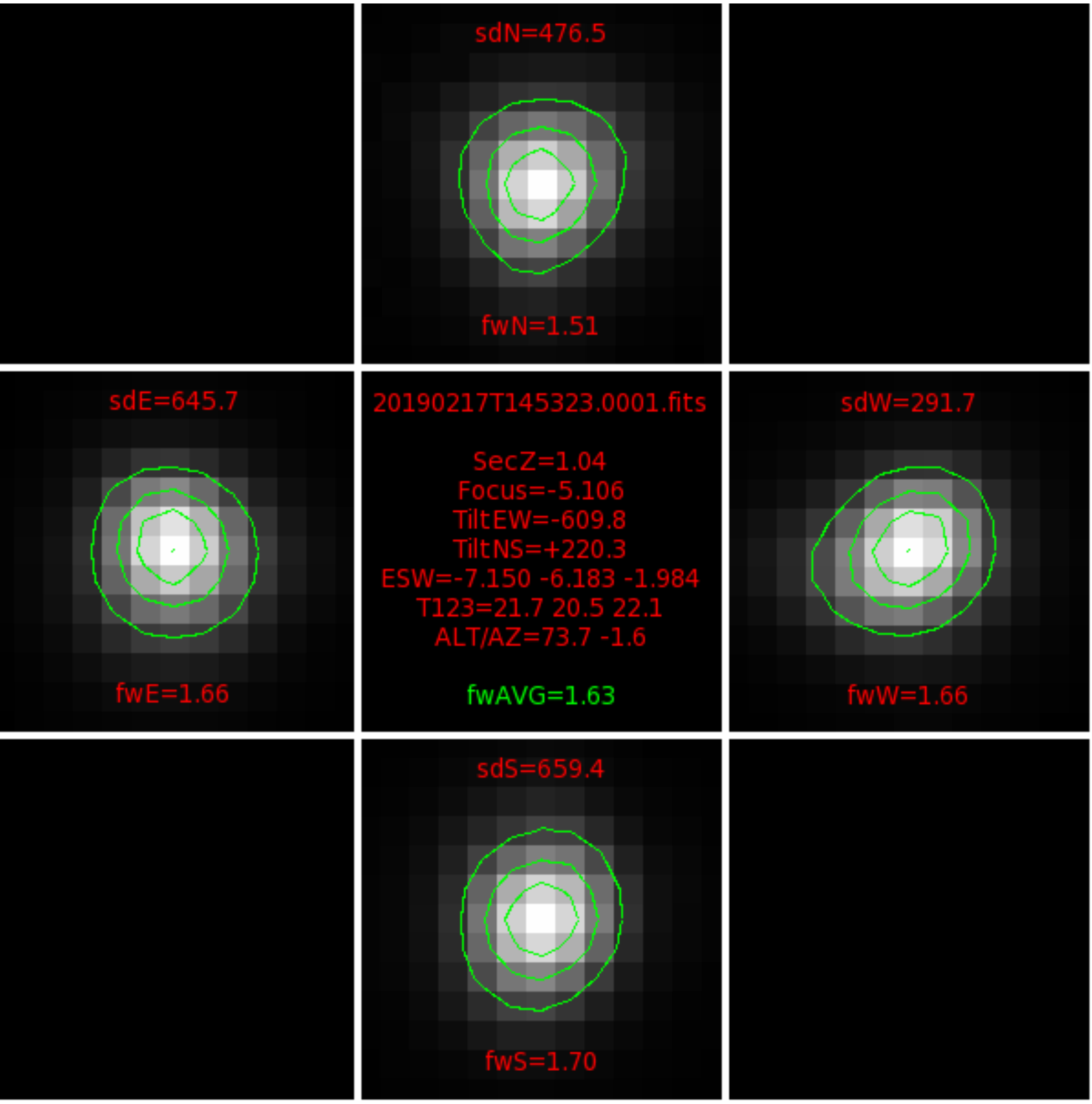

sdN=437.9
fwN=1.63
sdE=515.9
fwE=1.78
20190217T145127.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 0.0 22.1
ALT/AZ=73.7 -0.4
fwAVG=1.73
sdW=164.4
fwW=1.72
sdS=376.7
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=896.4
fwN=1.79
sdE=1082.1
fwE=1.84
20190217T145216.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.7 0.0 22.1
ALT/AZ=73.7 -0.9
fwAVG=1.85
sdW=606.2
fwW=1.89
sdS=1056.7
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=476.5
fwN=1.51
sdE=645.7
fwE=1.66
20190217T145323.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.7 20.5 22.1
ALT/AZ=73.7 -1.6
fwAVG=1.63
sdW=291.7
fwW=1.66
sdS=659.4
fwS=1.70
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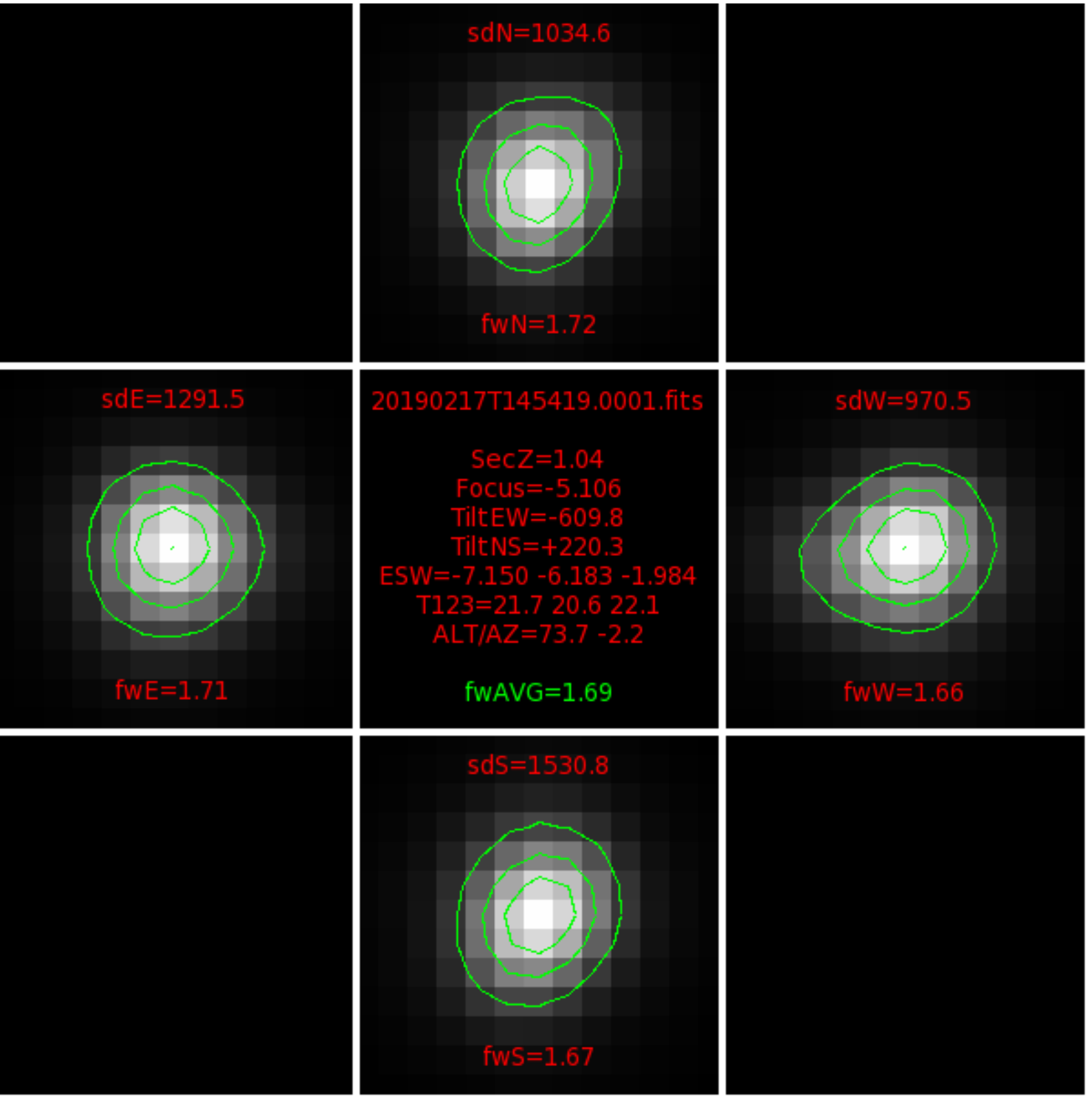
sdN=1034.6
fwN=1.72
sdE=1291.5
fwE=1.71
20190217T145419.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.7 20.6 22.1
ALT/AZ=73.7 -2.2
fwAVG=1.69
sdW=970.5
fwW=1.66
sdS=1530.8
fwS=1.67
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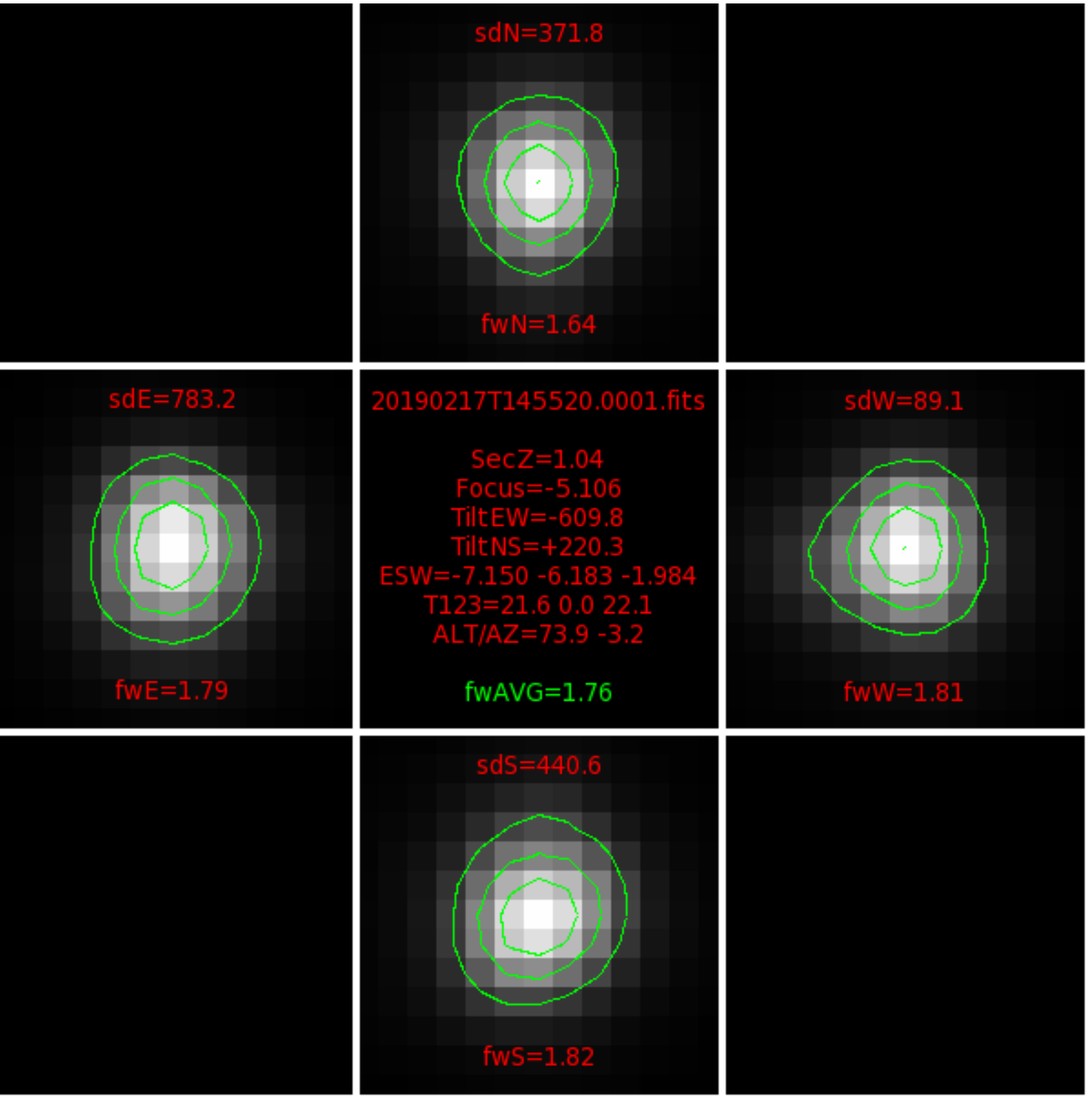
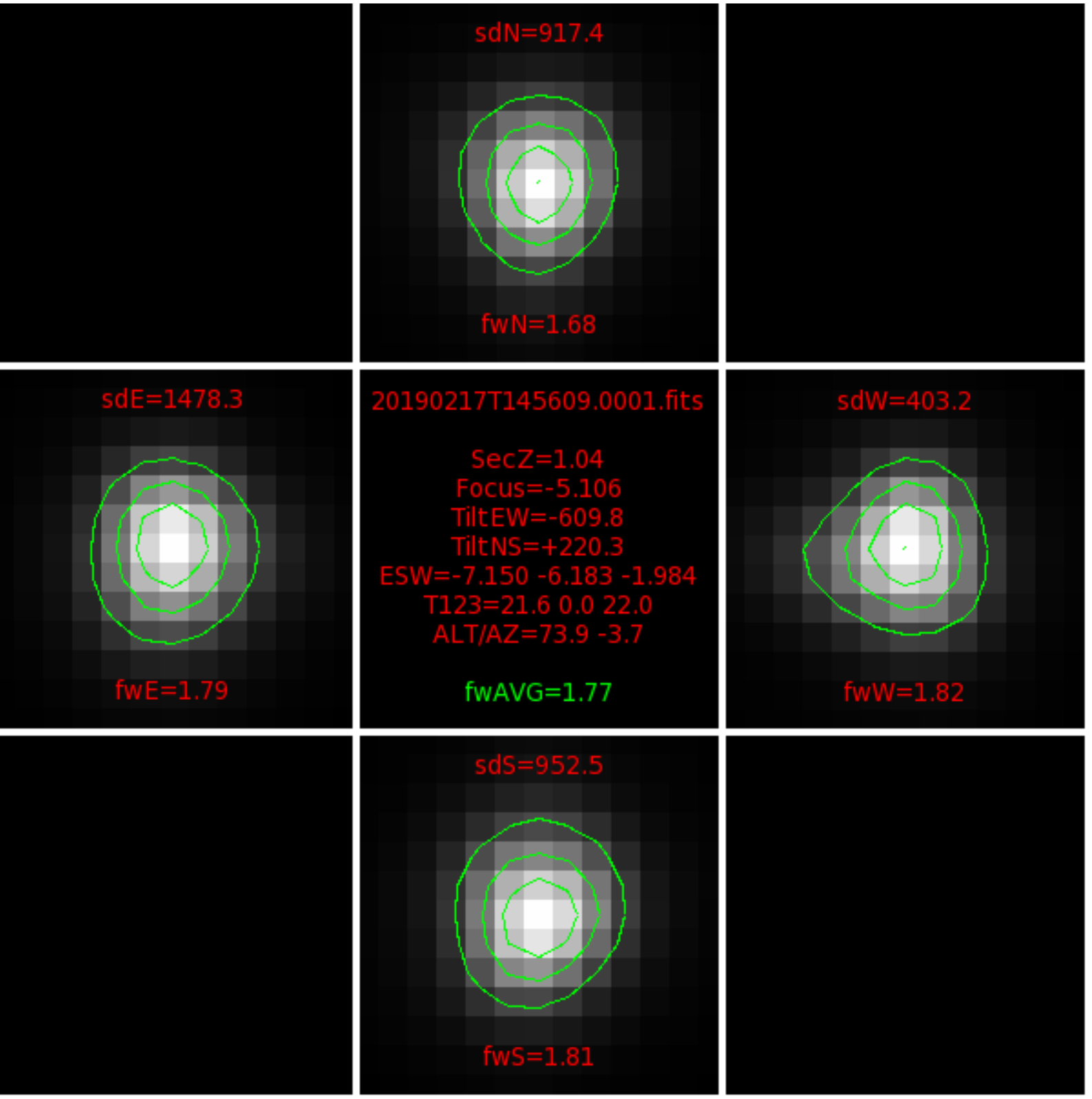

sdN=371.8
fwN=1.64
sdE=783.2
fwE=1.79
20190217T145520.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.6 0.0 22.1
ALT/AZ=73.9 -3.2
fwAVG=1.76
sdW=89.1
fwW=1.81
sdS=440.6
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=917.4
fwN=1.68
sdE=1478.3
fwE=1.79
20190217T145609.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.6 0.0 22.0
ALT/AZ=73.9 -3.7
fwAVG=1.77
sdW=403.2
fwW=1.82
sdS=952.5
fwS=1.81
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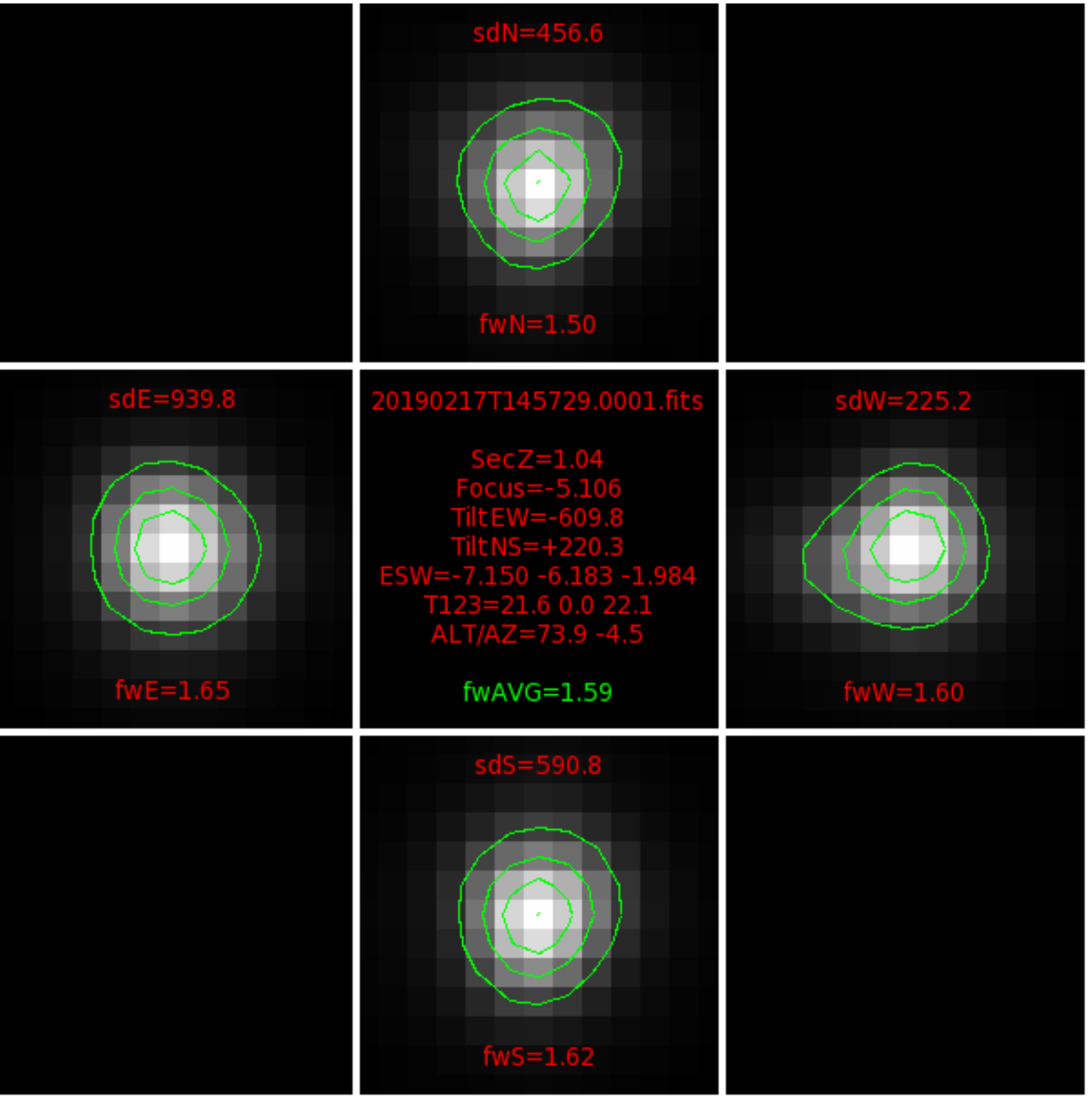
sdN=456.6
fwN=1.50
sdE=939.8
fwE=1.65
20190217T145729.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.6 0.0 22.1
ALT/AZ=73.9 -4.5
fwAVG=1.59
sdW=225.2
fwW=1.60
sdS=590.8
fwS=1.62
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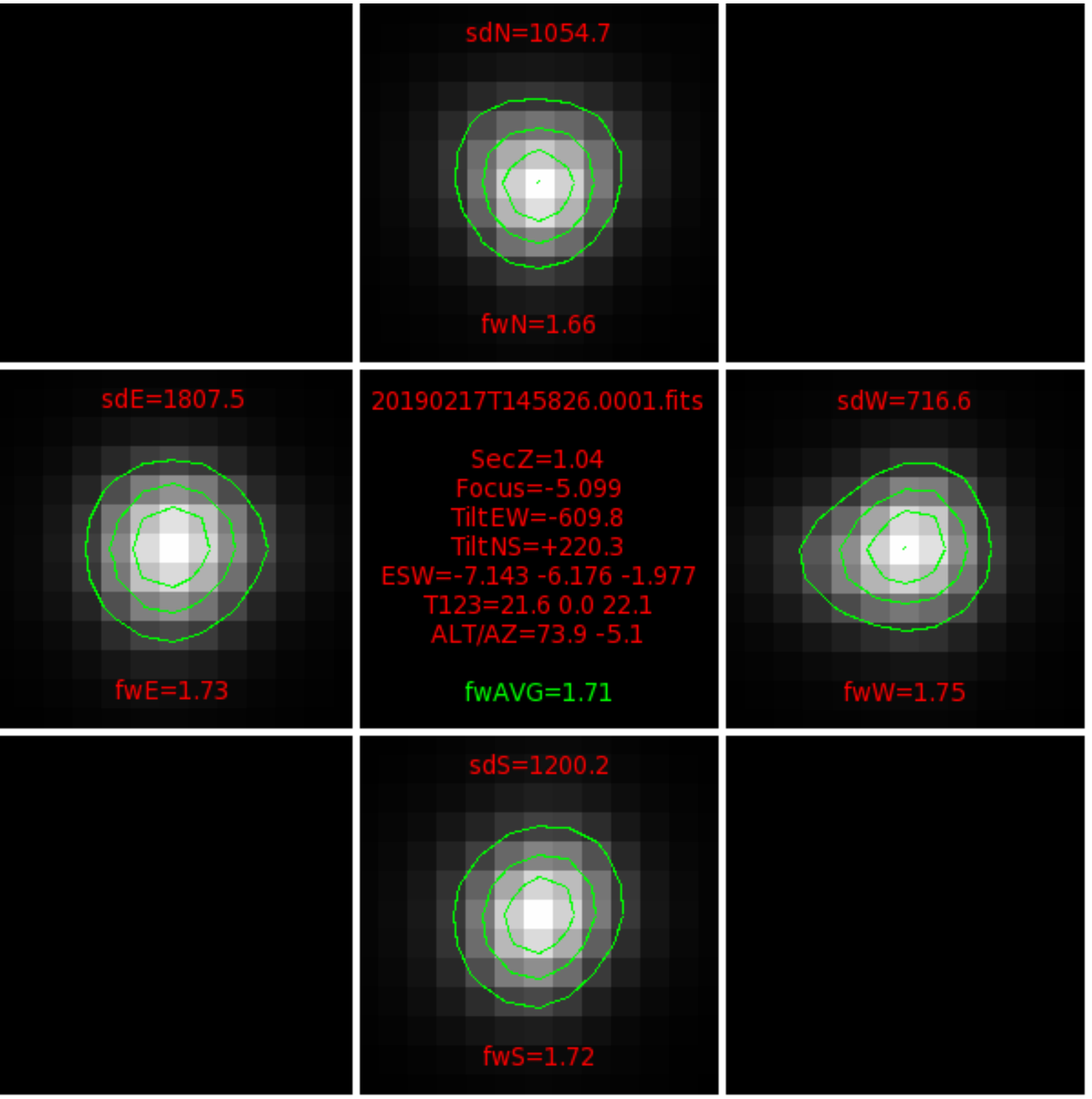
sdN=1054.7
fwN=1.66
sdE=1807.5
fwE=1.73
20190217T145826.0001.fits
SecZ=1.04
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.6 0.0 22.1
ALT/AZ=73.9 -5.1
fwAVG=1.71
sdW=716.6
fwW=1.75
sdS=1200.2
fwS=1.72
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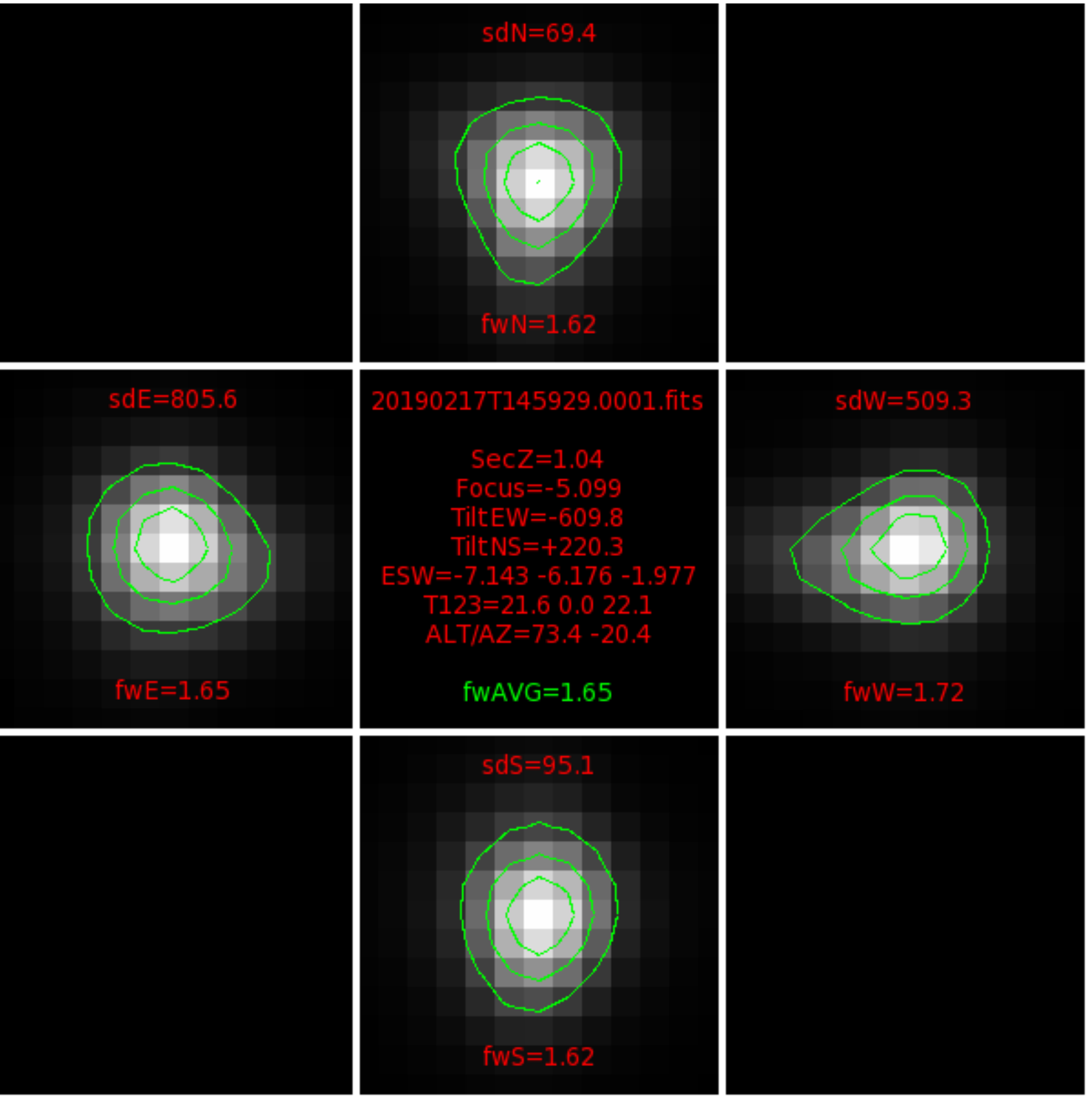
sdN=69.4
fwN=1.62
sdE=805.6
fwE=1.65
20190217T145929.0001.fits
SecZ=1.04
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.6 0.0 22.1
ALT/AZ=73.4 -20.4
fwAVG=1.65
sdW=509.3
fwW=1.72
sdS=95.1
fwS=1.62
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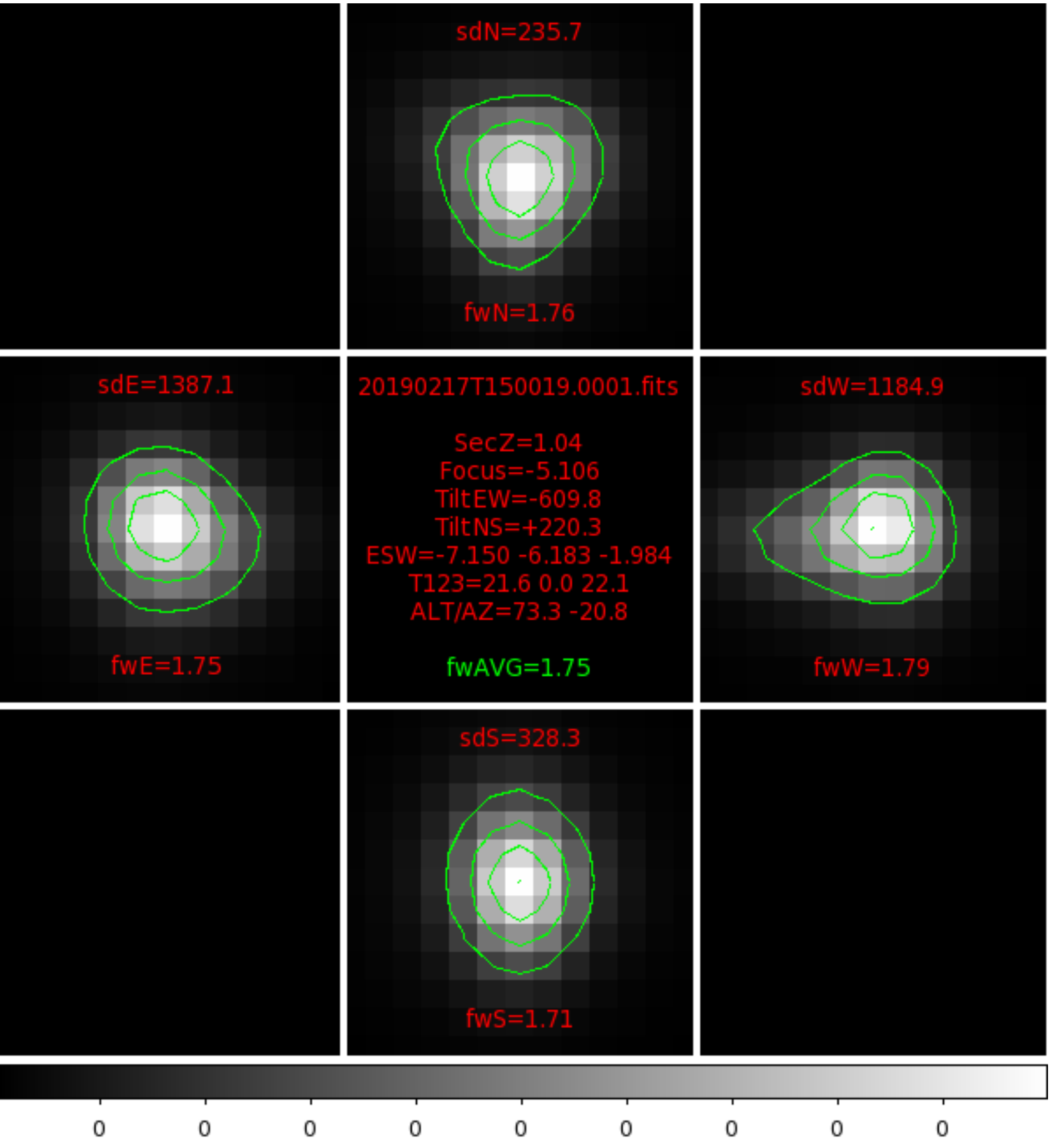
sdN=235.7
fwN=1.76
sdE=1387.1
fwE=1.75
20190217T150019.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.6 0.0 22.1
ALT/AZ=73.3 -20.8
fwAVG=1.75
sdW=1184.9
fwW=1.79
sdS=328.3
fwS=1.71
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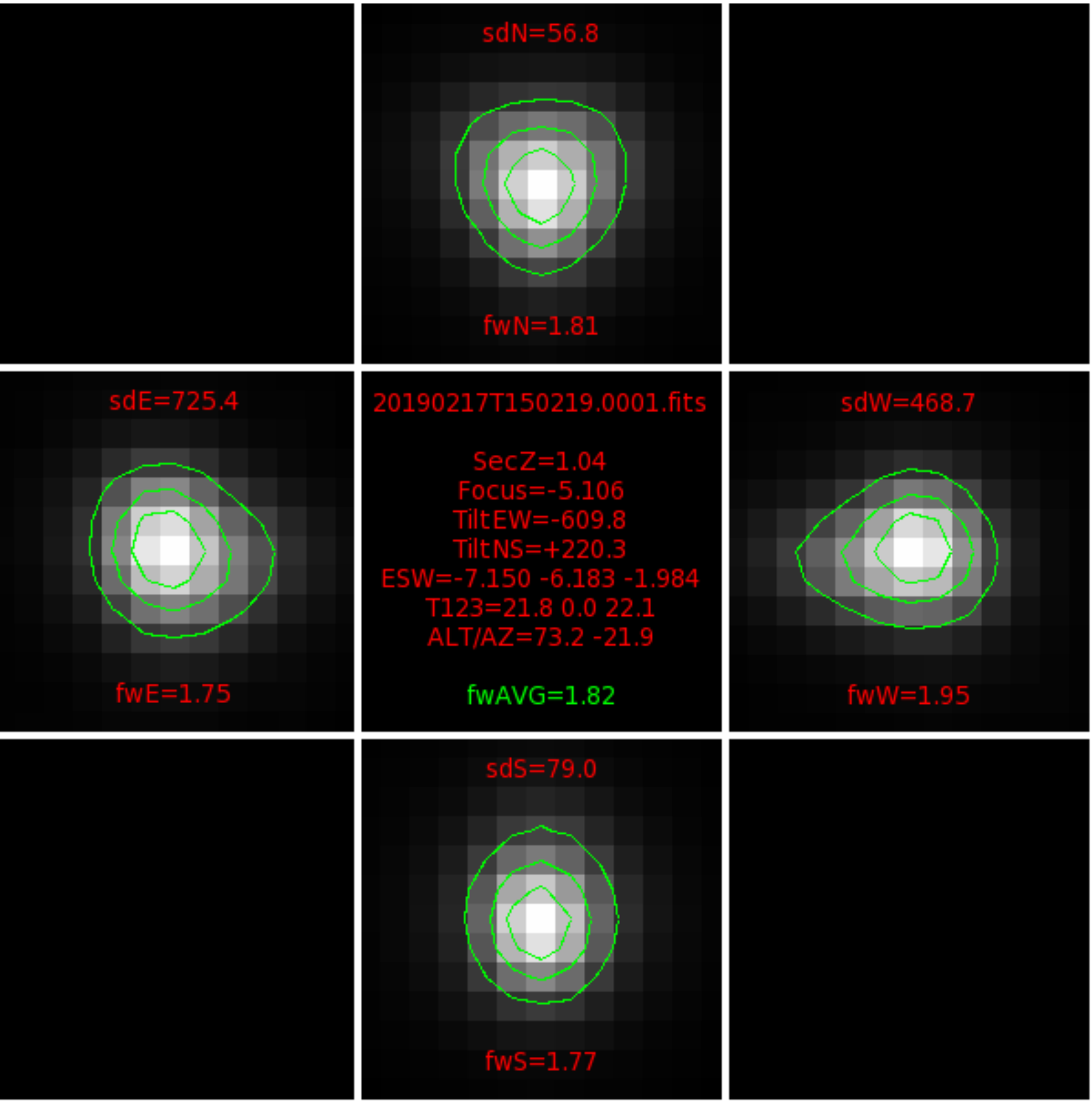
sdN=56.8
fwN=1.81
sdE=725.4
fwE=1.75
20190217T150219.0001.fits
SecZ=1.04
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 0.0 22.1
ALT/AZ=73.2 -21.9
fwAVG=1.82
sdW=468.7
fwW=1.95
sdS=79.0
fwS=1.77
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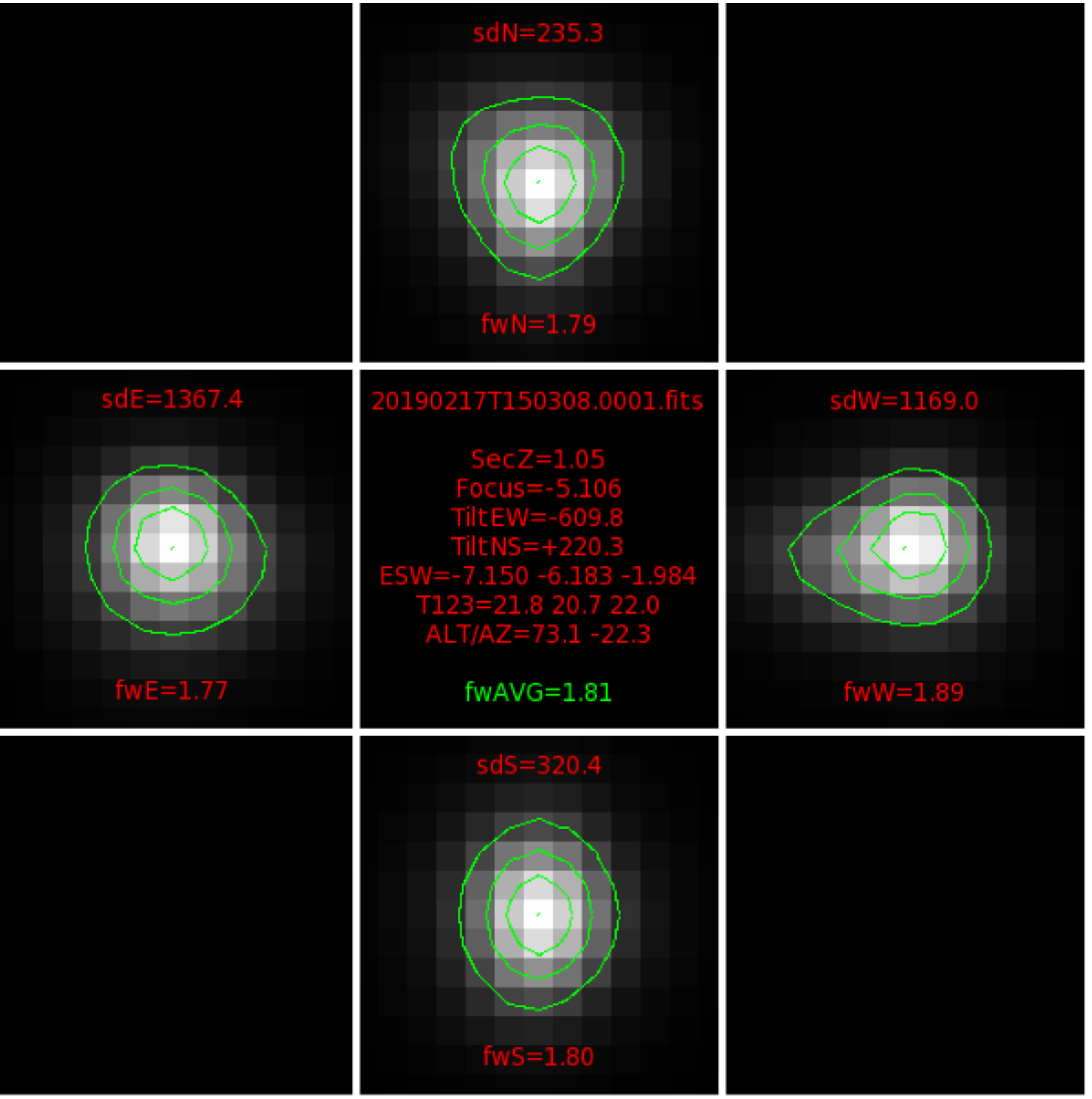
sdN=235.3
fwN=1.79
sdE=1367.4
fwE=1.77
20190217T150308.0001.fits
SecZ=1.05
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 20.7 22.0
ALT/AZ=73.1 -22.3
fwAVG=1.81
sdW=1169.0
fwW=1.89
sdS=320.4
fwS=1.80
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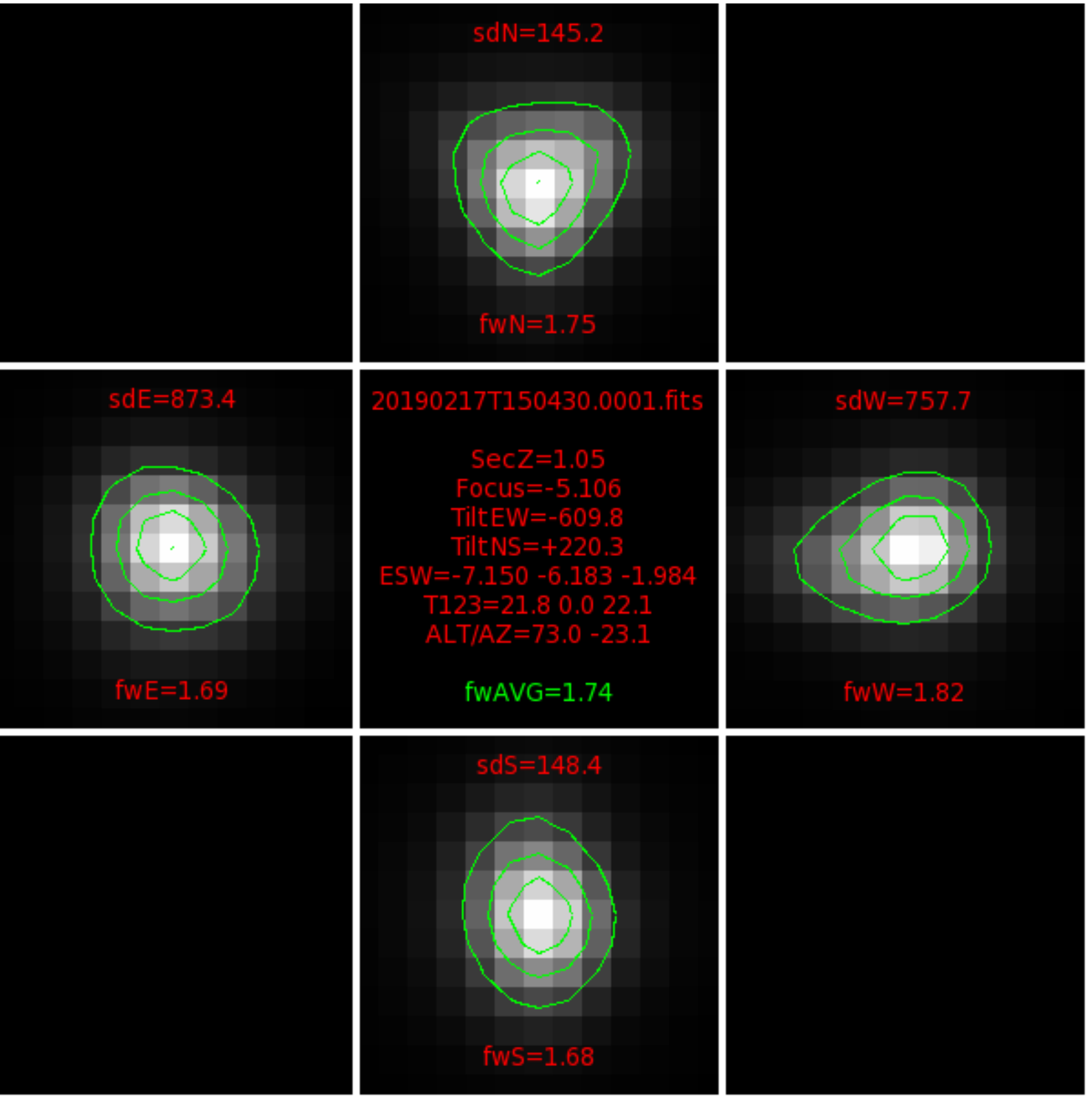
sdN=145.2
fwN=1.75
sdE=873.4
fwE=1.69
20190217T150430.0001.fits
SecZ=1.05
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 0.0 22.1
ALT/AZ=73.0 -23.1
fwAVG=1.74
sdW=757.7
fwW=1.82
sdS=148.4
fwS=1.68
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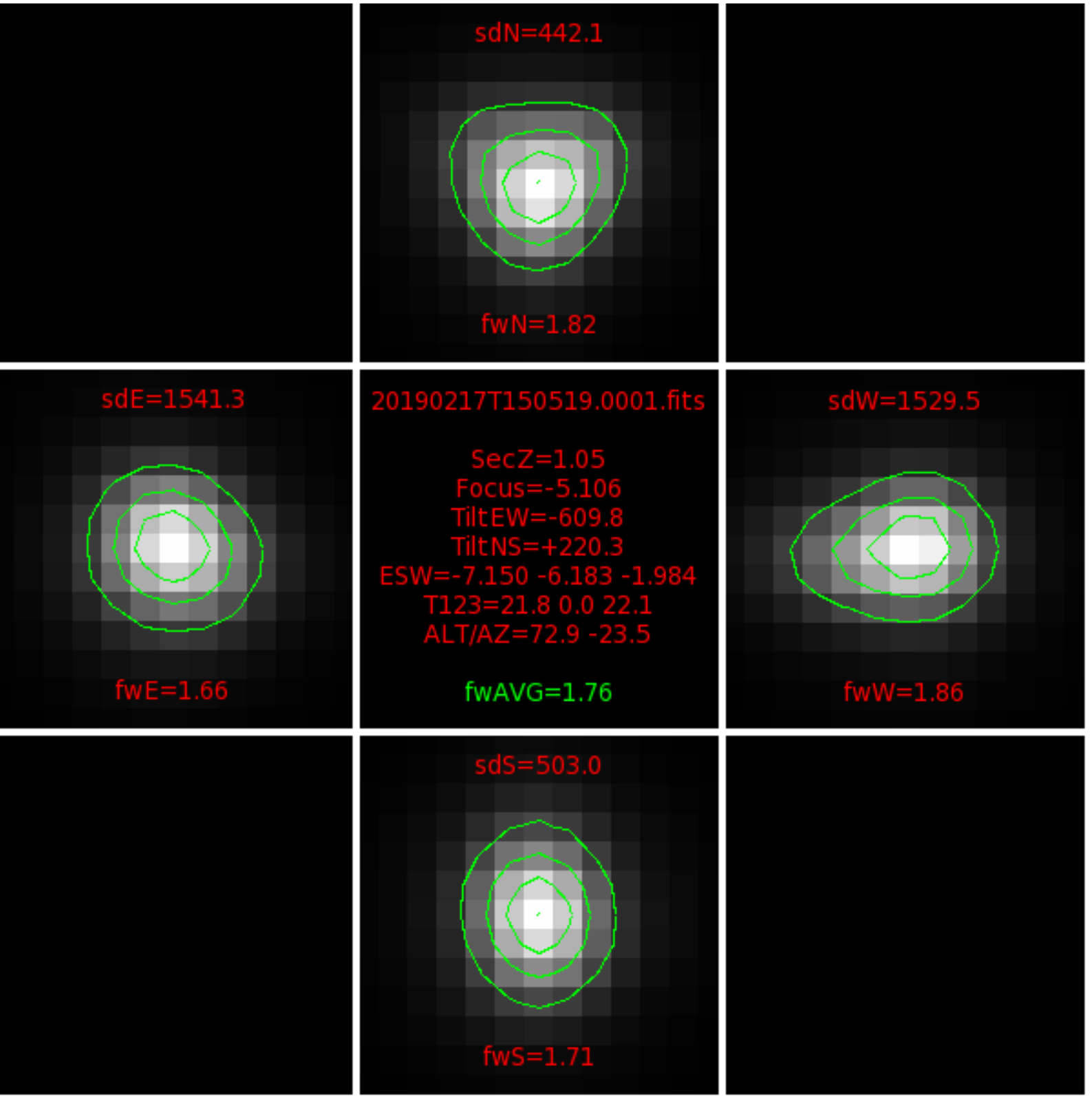
sdN=442.1
fwN=1.82
sdE=1541.3
fwE=1.66
20190217T150519.0001.fits
SecZ=1.05
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.8 0.0 22.1
ALT/AZ=72.9 -23.5
fwAVG=1.76
sdW=1529.5
fwW=1.86
sdS=503.0
fwS=1.71
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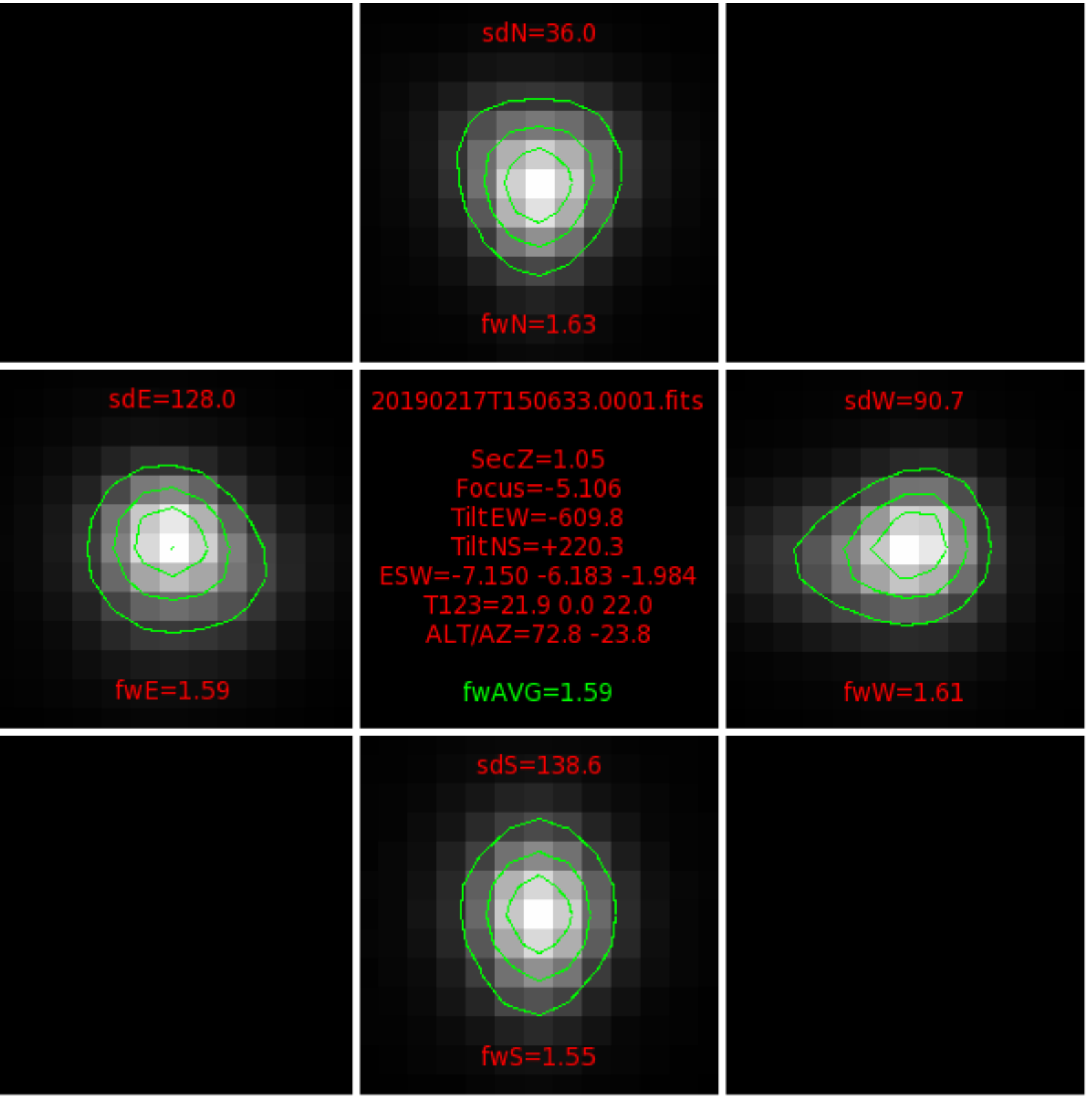
sdN=36.0
fwN=1.63
sdE=128.0
fwE=1.59
20190217T150633.0001.fits
SecZ=1.05
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 0.0 22.0
ALT/AZ=72.8 -23.8
fwAVG=1.59
sdW=90.7
fwW=1.61
sdS=138.6
fwS=1.55
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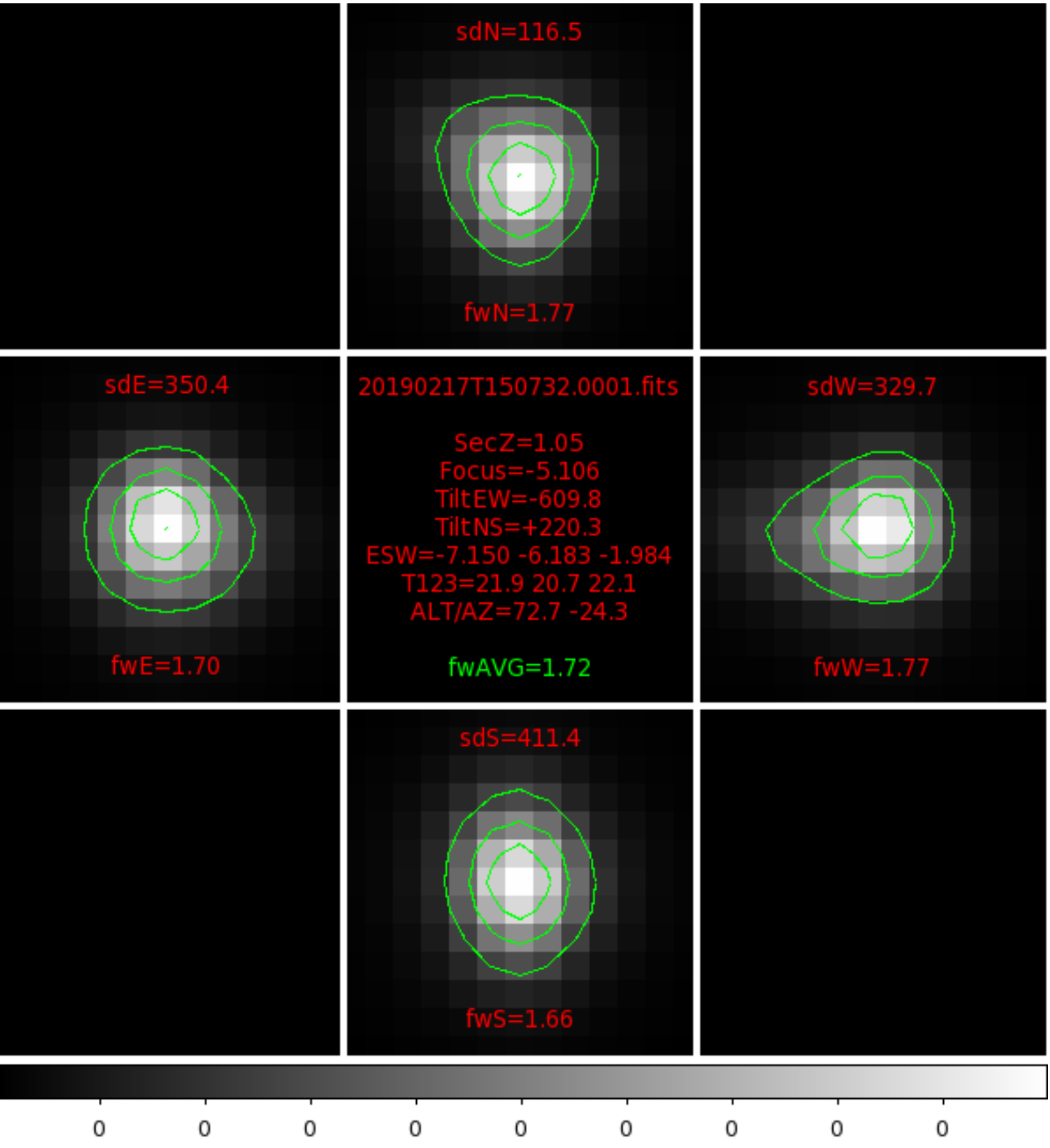
sdN=116.5
fwN=1.77
sdE=350.4
fwE=1.70
20190217T150732.0001.fits
SecZ=1.05
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 20.7 22.1
ALT/AZ=72.7 -24.3
fwAVG=1.72
sdW=329.7
fwW=1.77
sdS=411.4
fwS=1.66
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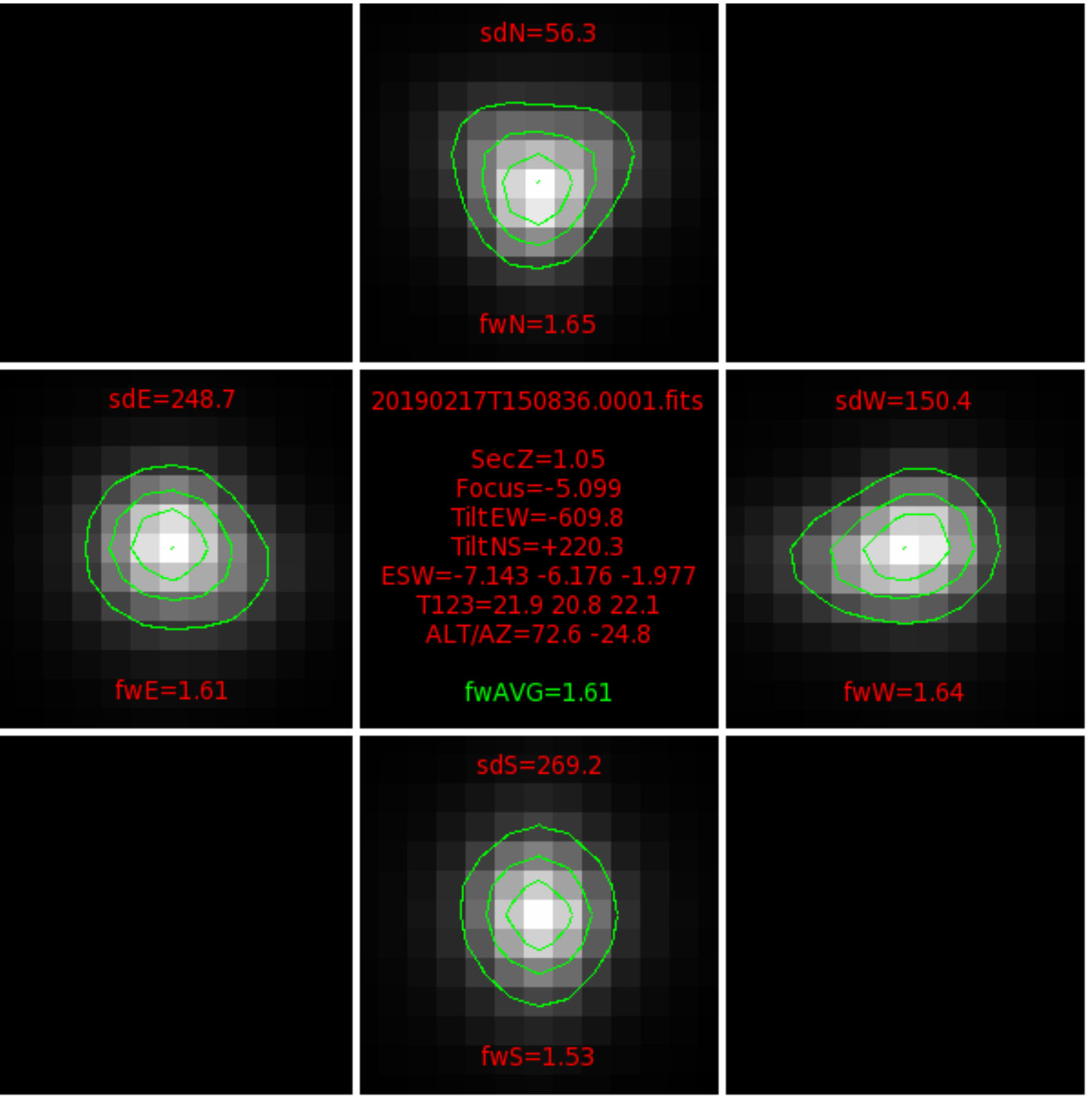
sdN=56.3
fwN=1.65
sdE=248.7
fwE=1.61
20190217T150836.0001.fits
SecZ=1.05
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.9 20.8 22.1
ALT/AZ=72.6 -24.8
fwAVG=1.61
sdW=150.4
fwW=1.64
sdS=269.2
fwS=1.53
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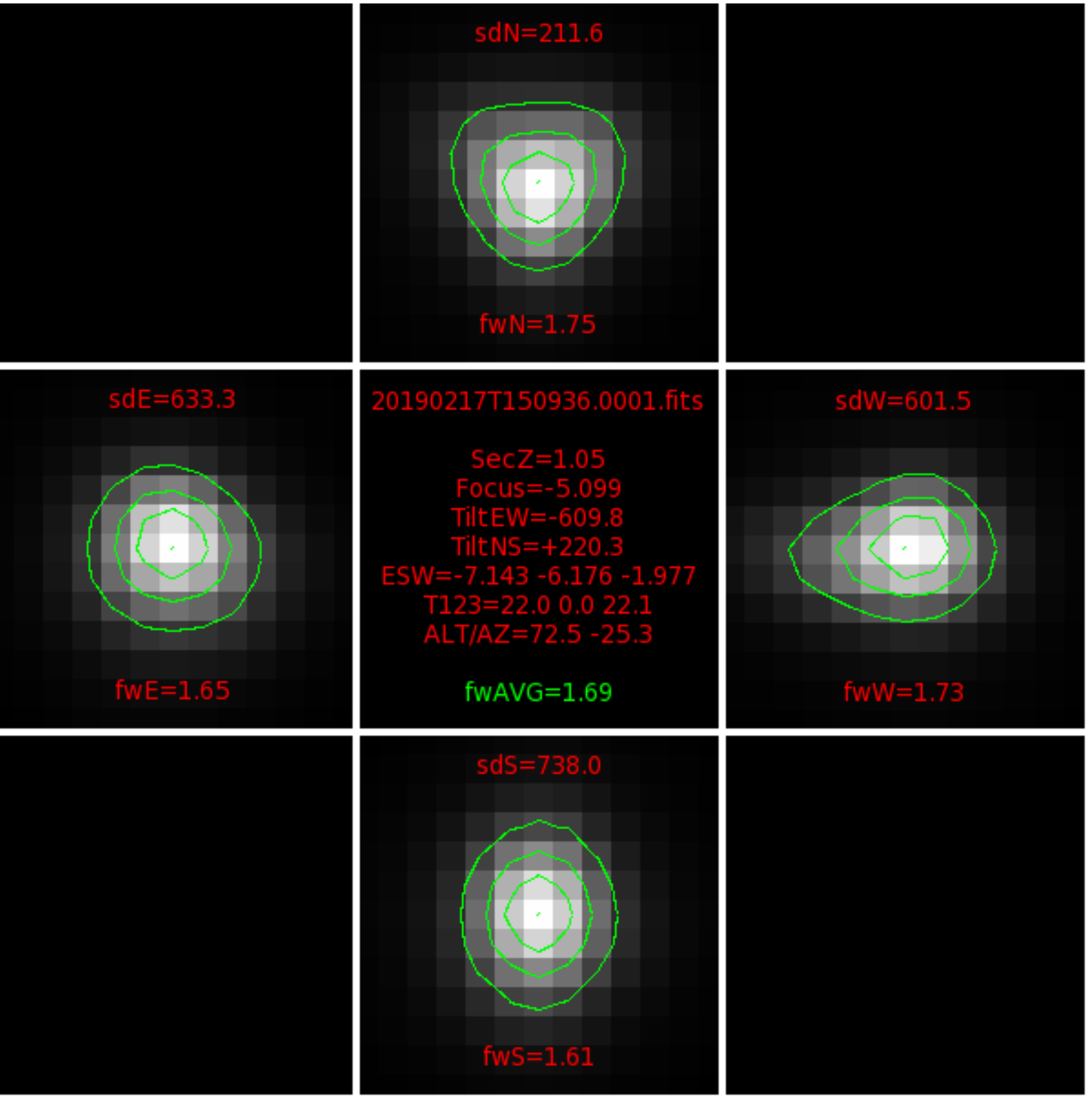
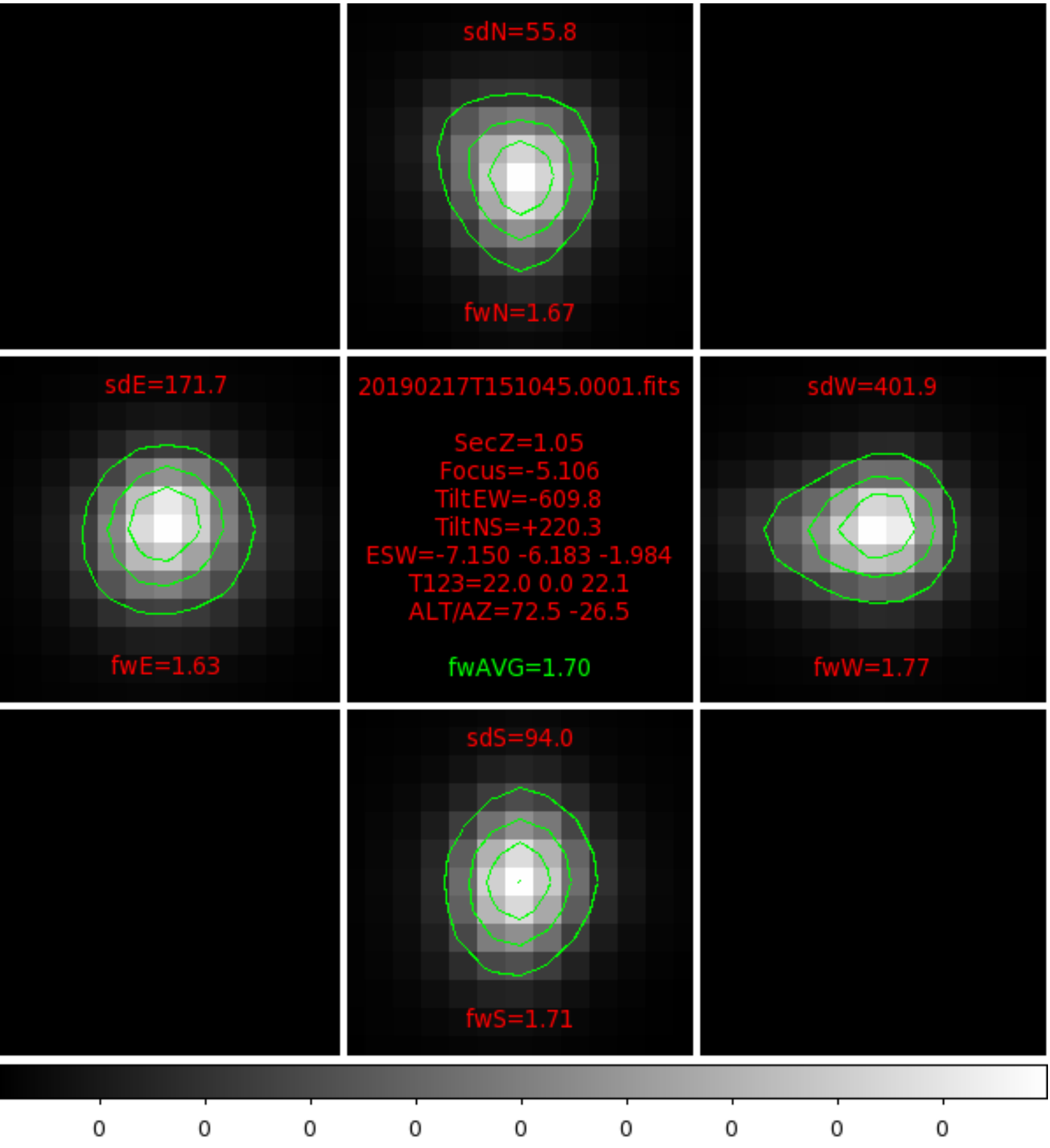

sdN=211.6
fwN=1.75
sdE=633.3
fwE=1.65
20190217T150936.0001.fits
SecZ=1.05
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=22.0 0.0 22.1
ALT/AZ=72.5 -25.3
fwAVG=1.69
sdW=601.5
fwW=1.73
sdS=738.0
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=55.8
fwN=1.67
sdE=171.7
fwE=1.63
20190217T151045.0001.fits
SecZ=1.05
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=22.0 0.0 22.1
ALT/AZ=72.5 -26.5
fwAVG=1.70
sdW=401.9
fwW=1.77
sdS=94.0
fwS=1.71
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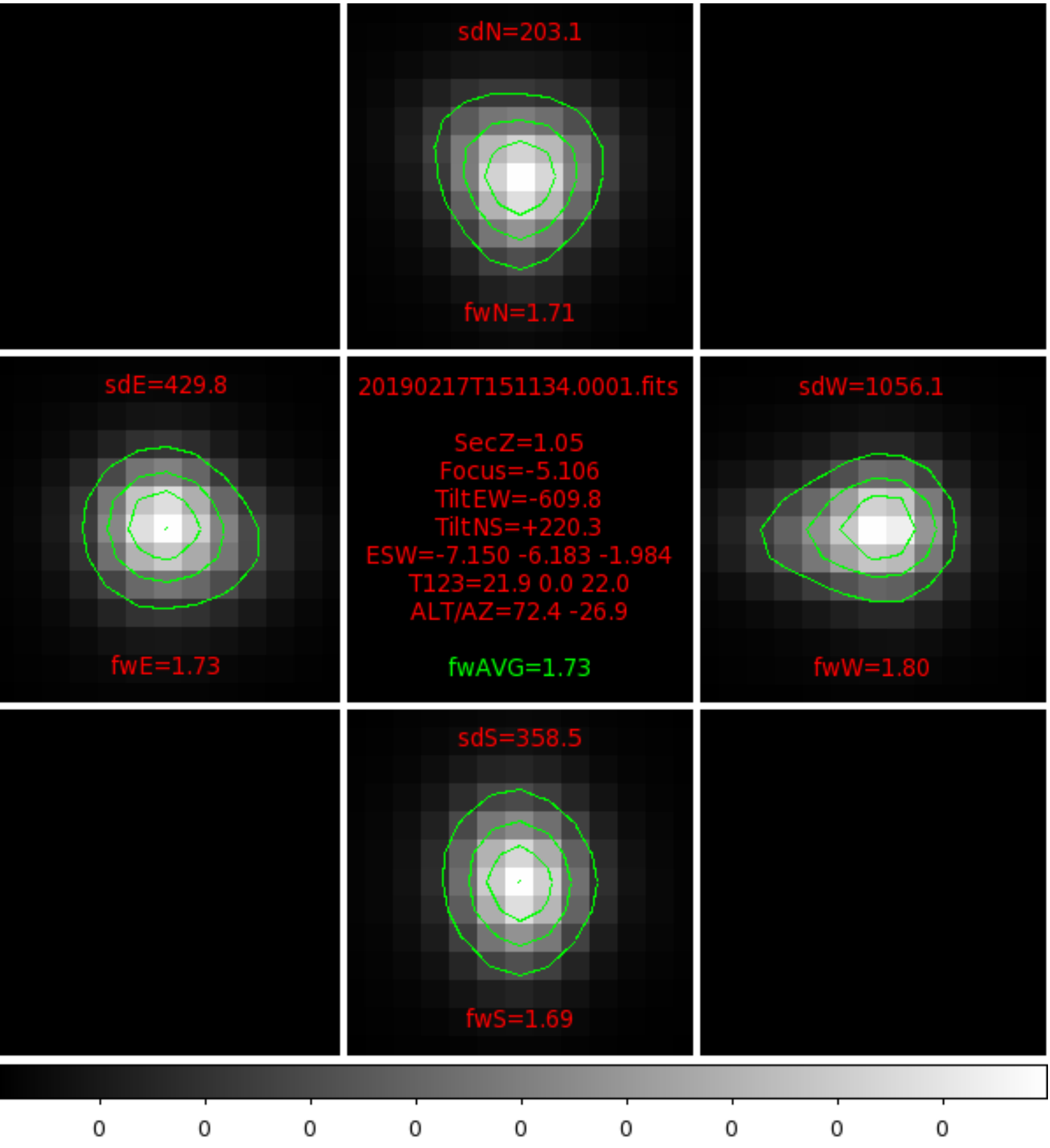
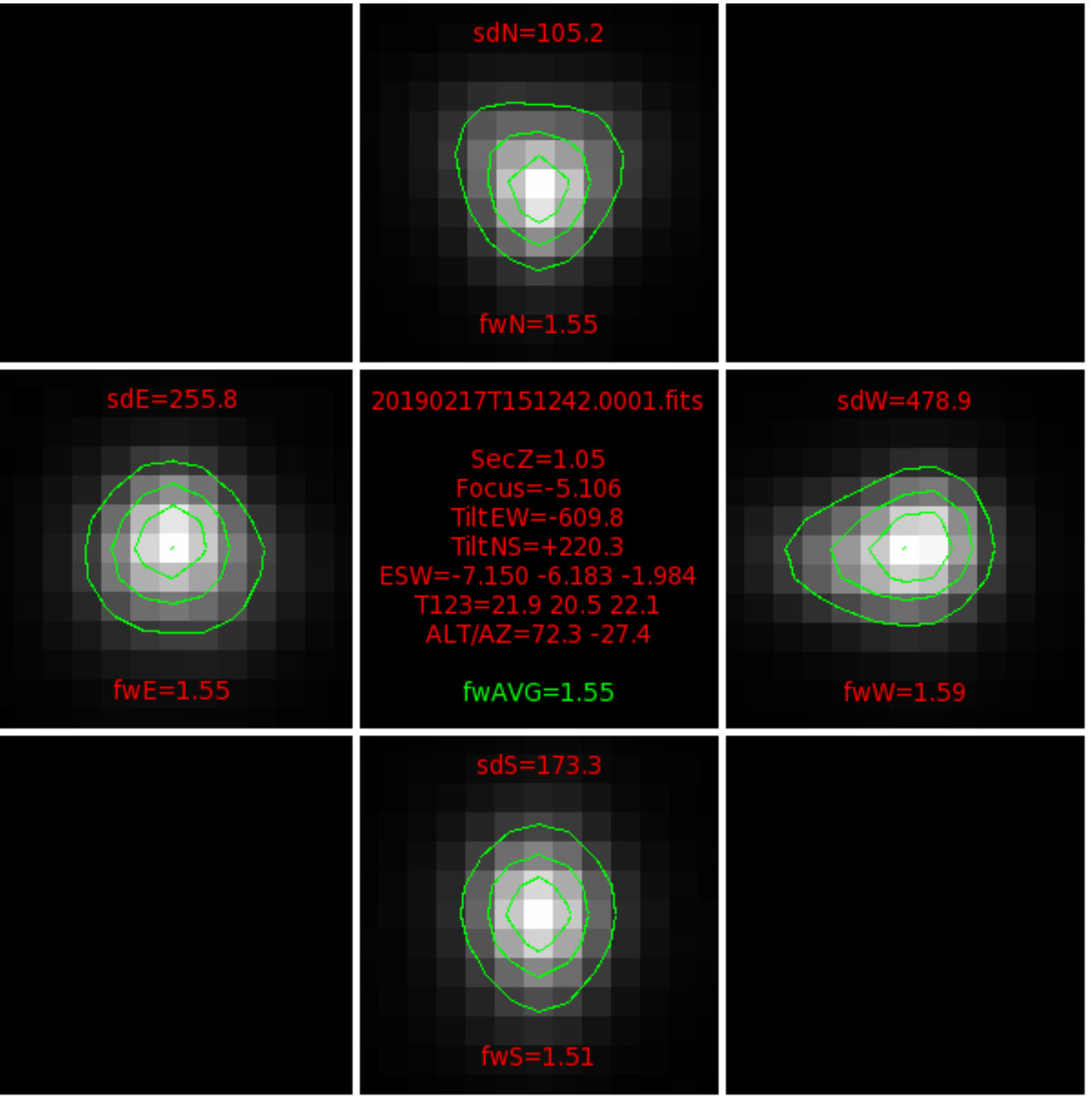

sdN=203.1
fwN=1.71
sdE=429.8
fwE=1.73
20190217T151134.0001.fits
SecZ=1.05
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 0.0 22.0
ALT/AZ=72.4 -26.9
fwAVG=1.73
sdW=1056.1
fwW=1.80
sdS=358.5
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=105.2
fwN=1.55
sdE=255.8
fwE=1.55
20190217T151242.0001.fits
SecZ=1.05
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.9 20.5 22.1
ALT/AZ=72.3 -27.4
fwAVG=1.55
sdW=478.9
fwW=1.59
sdS=173.3
fwS=1.51
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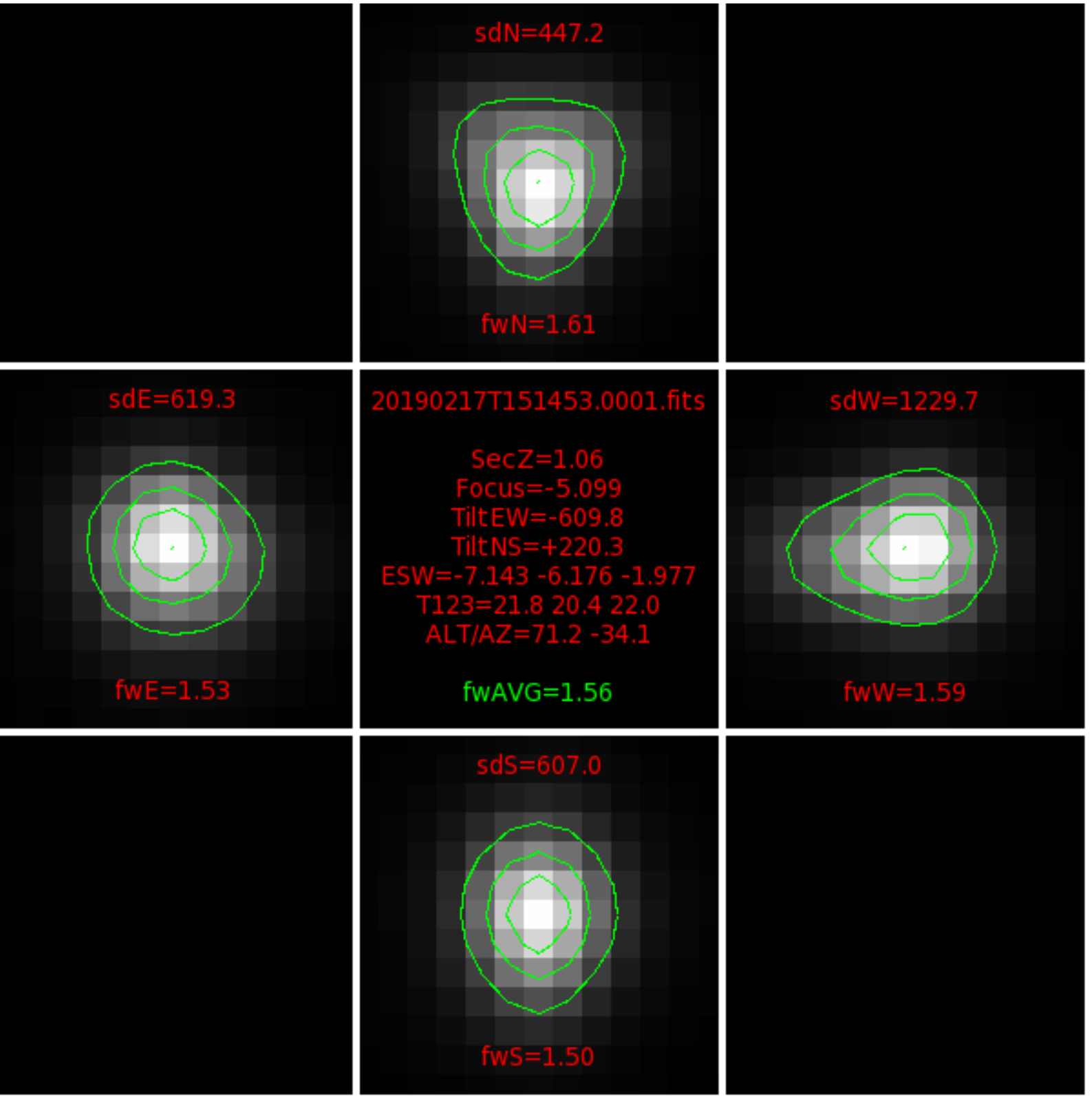
sdN=447.2
fwN=1.61
sdE=619.3
fwE=1.53
20190217T151453.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.8 20.4 22.0
ALT/AZ=71.2 -34.1
fwAVG=1.56
sdW=1229.7
fwW=1.59
sdS=607.0
fwS=1.50
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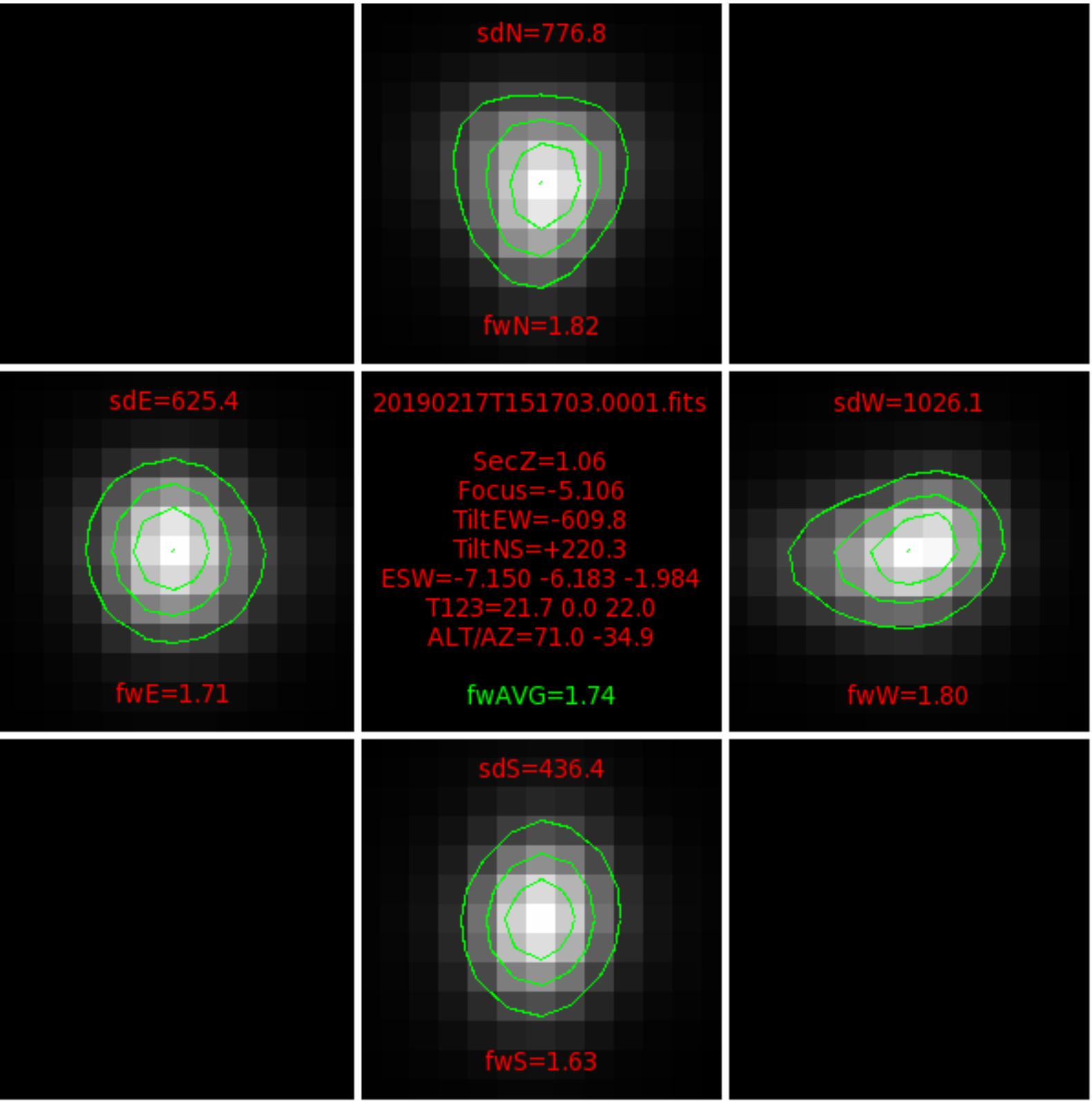
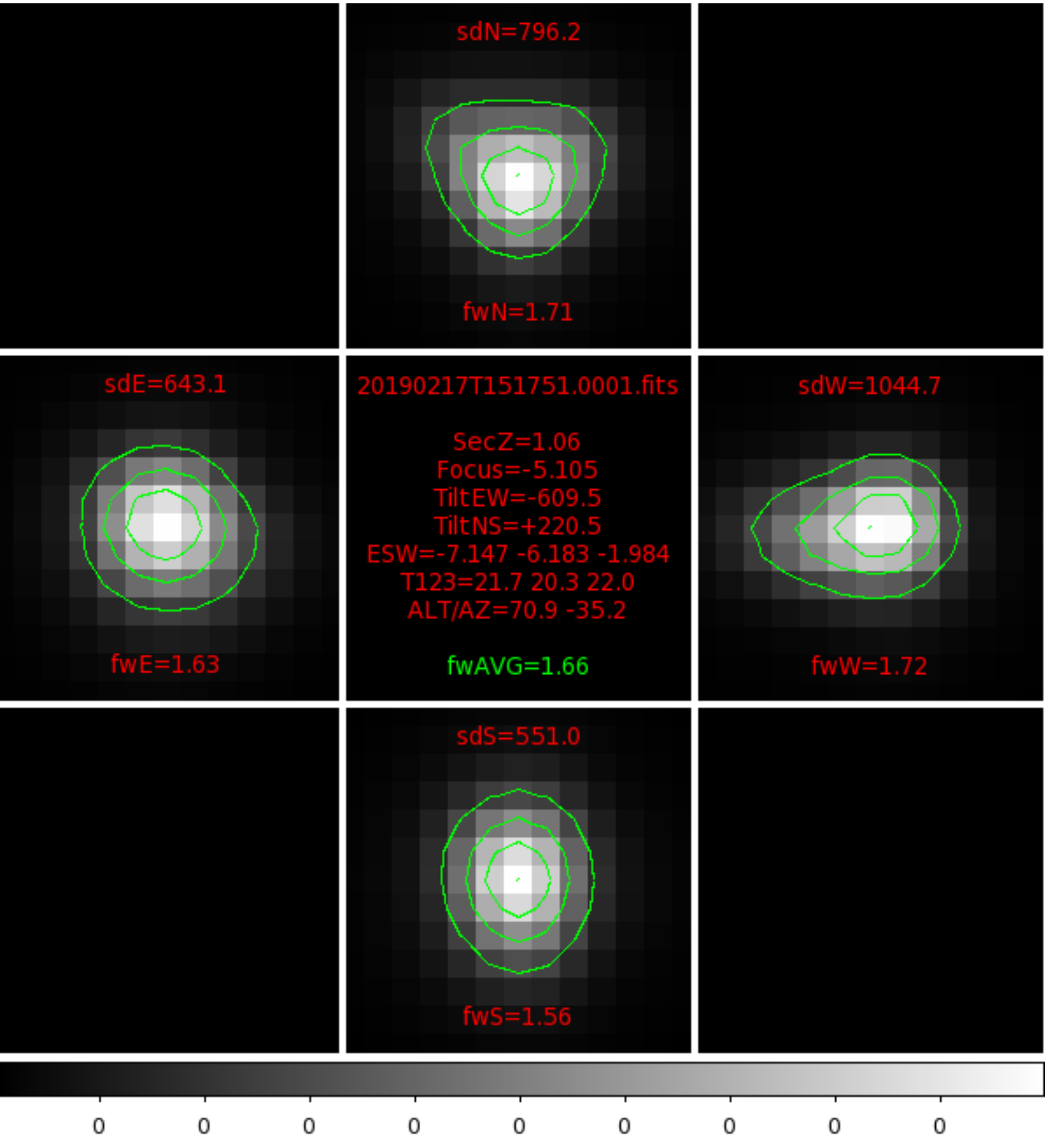
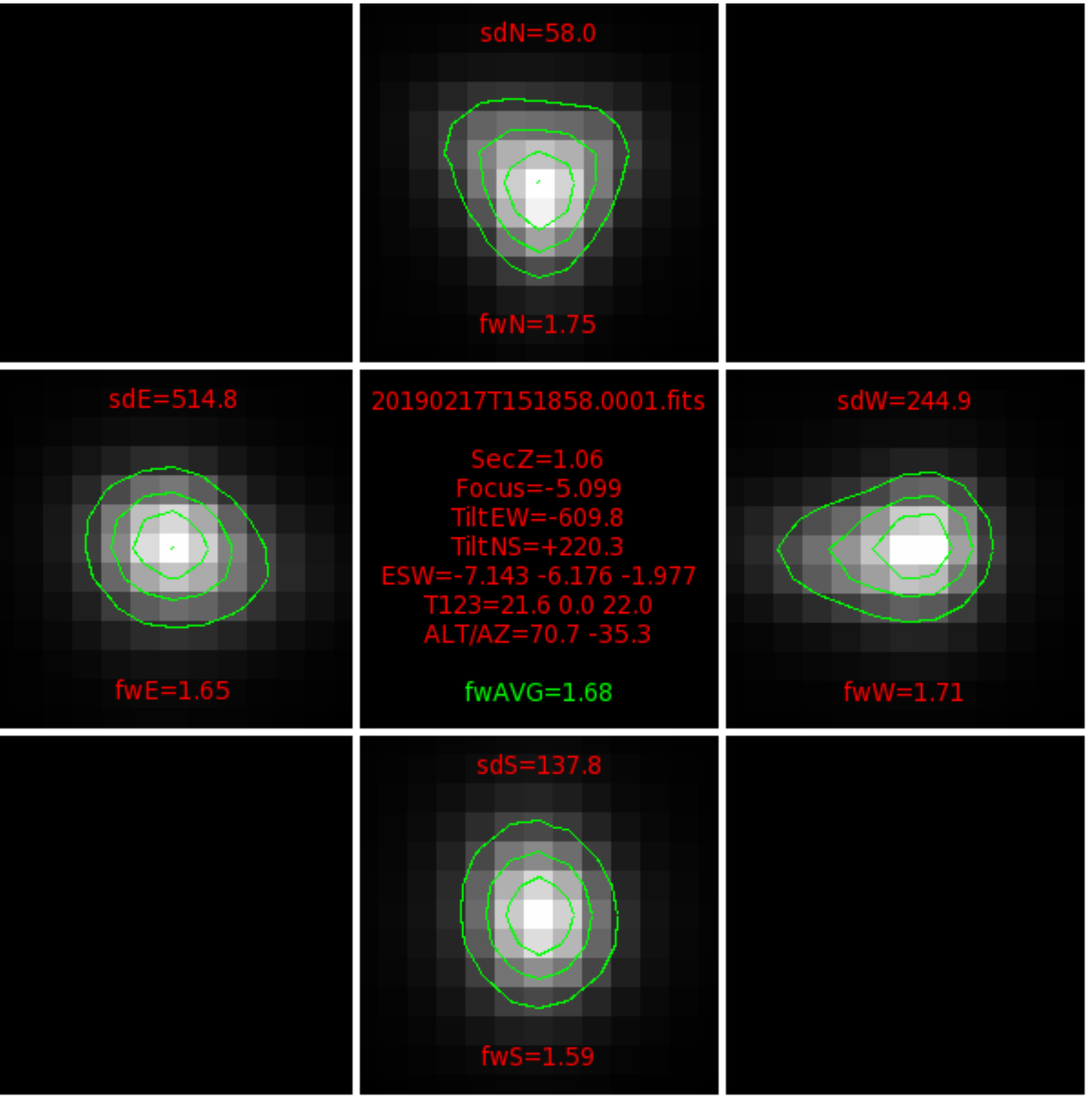

sdN=776.8
fwN=1.82
sdE=625.4
fwE=1.71
20190217T151703.0001.fits
SecZ=1.06
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.7 0.0 22.0
ALT/AZ=71.0 -34.9
fwAVG=1.74
sdW=1026.1
fwW=1.80
sdS=436.4
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=796.2
fwN=1.71
sdE=643.1
fwE=1.63
20190217T151751.0001.fits
SecZ=1.06
Focus=-5.105
TiltEW=-609.5
TiltNS=+220.5
ESW=-7.147 -6.183 -1.984
T123=21.7 20.3 22.0
ALT/AZ=70.9 -35.2
fwAVG=1.66
sdW=1044.7
fwW=1.72
sdS=551.0
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=58.0
fwN=1.75
sdE=514.8
fwE=1.65
20190217T151858.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.6 0.0 22.0
ALT/AZ=70.7 -35.3
fwAVG=1.68
sdW=244.9
fwW=1.71
sdS=137.8
fwS=1.59
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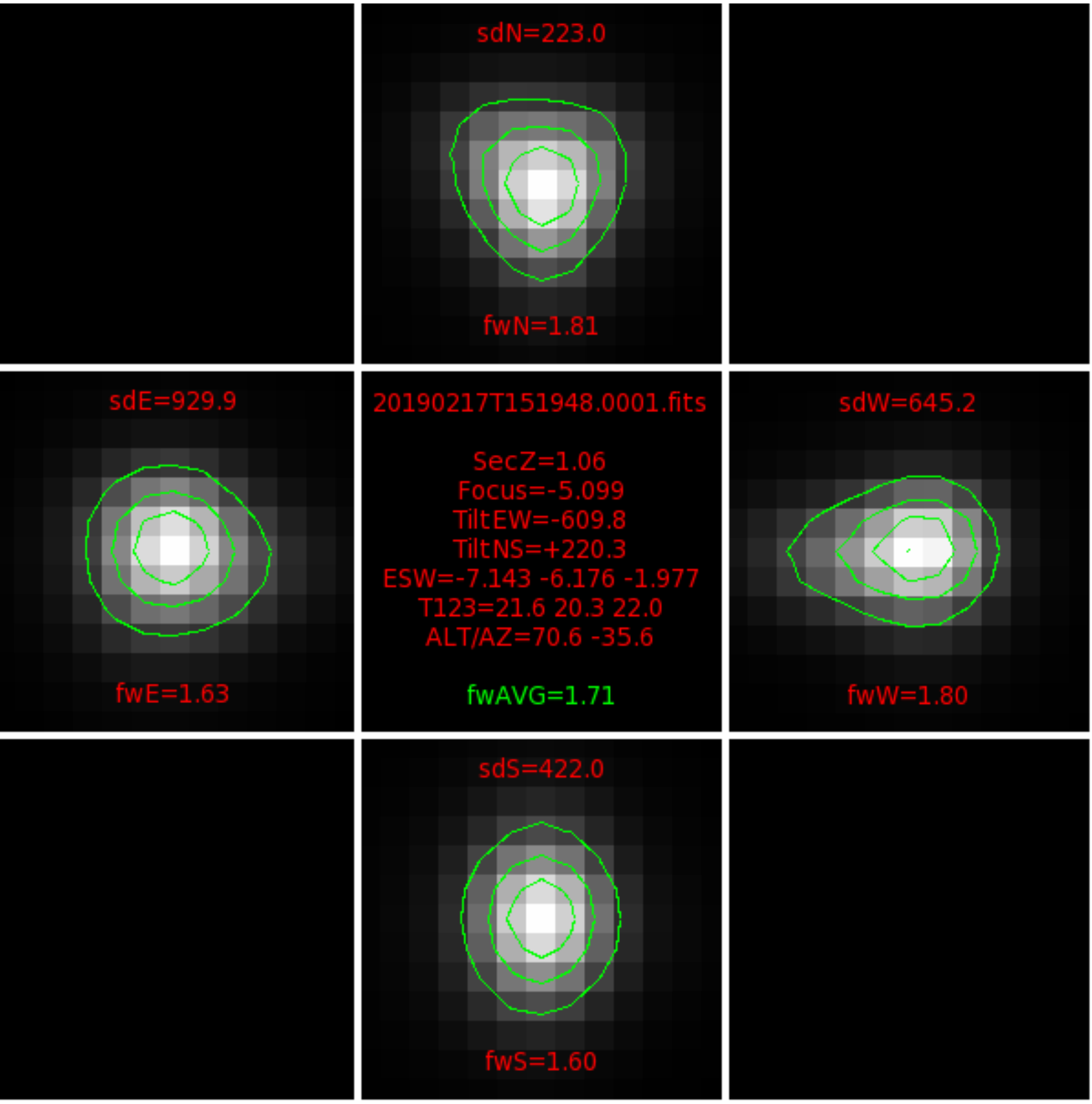
sdN=223.0
fwN=1.81
sdE=929.9
fwE=1.63
20190217T151948.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.6 20.3 22.0
ALT/AZ=70.6 -35.6
fwAVG=1.71
sdW=645.2
fwW=1.80
sdS=422.0
fwS=1.60
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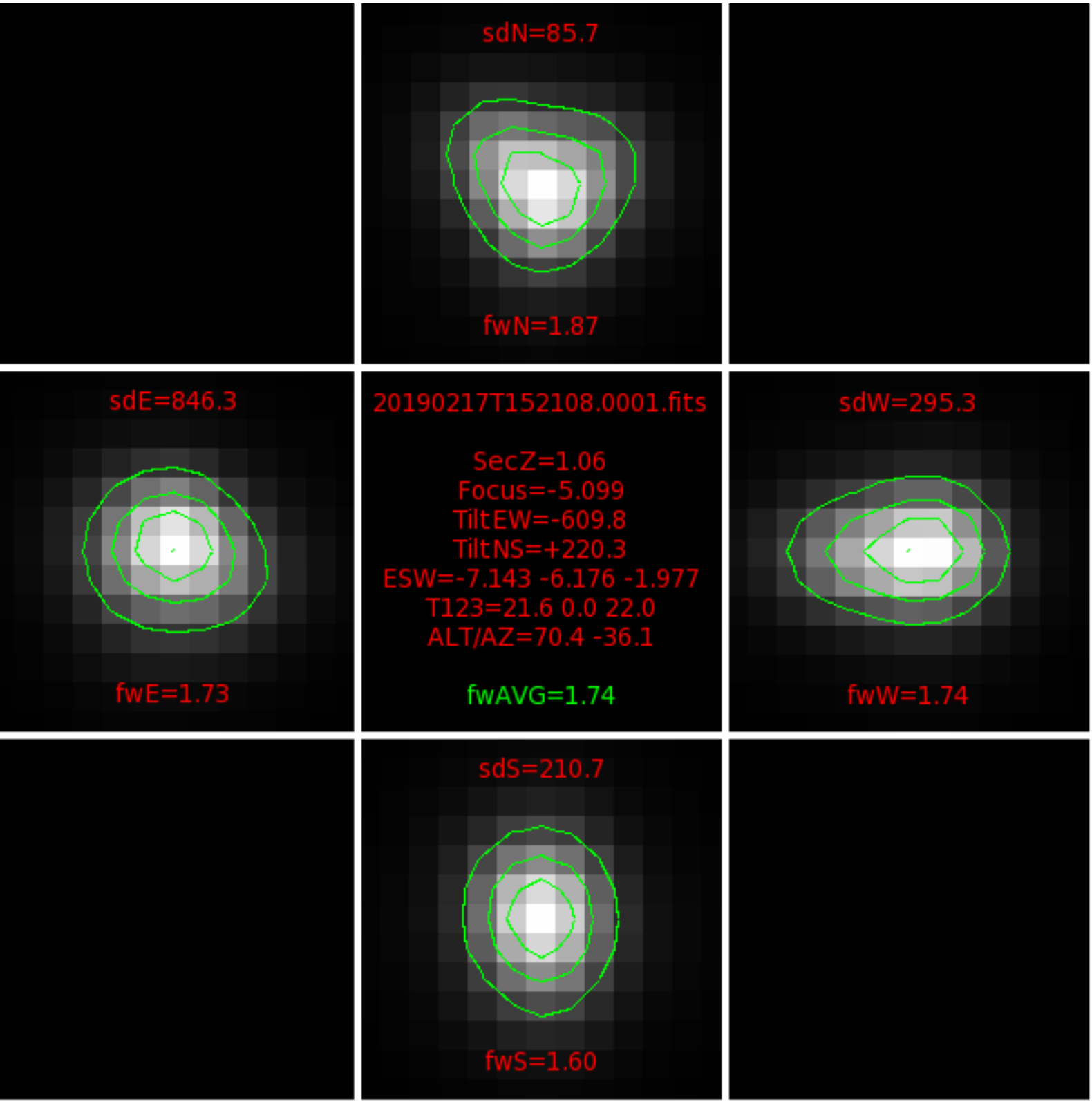
sdN=85.7
fwN=1.87
sdE=846.3
fwE=1.73
20190217T152108.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.6 0.0 22.0
ALT/AZ=70.4 -36.1
fwAVG=1.74
sdW=295.3
fwW=1.74
sdS=210.7
fwS=1.60
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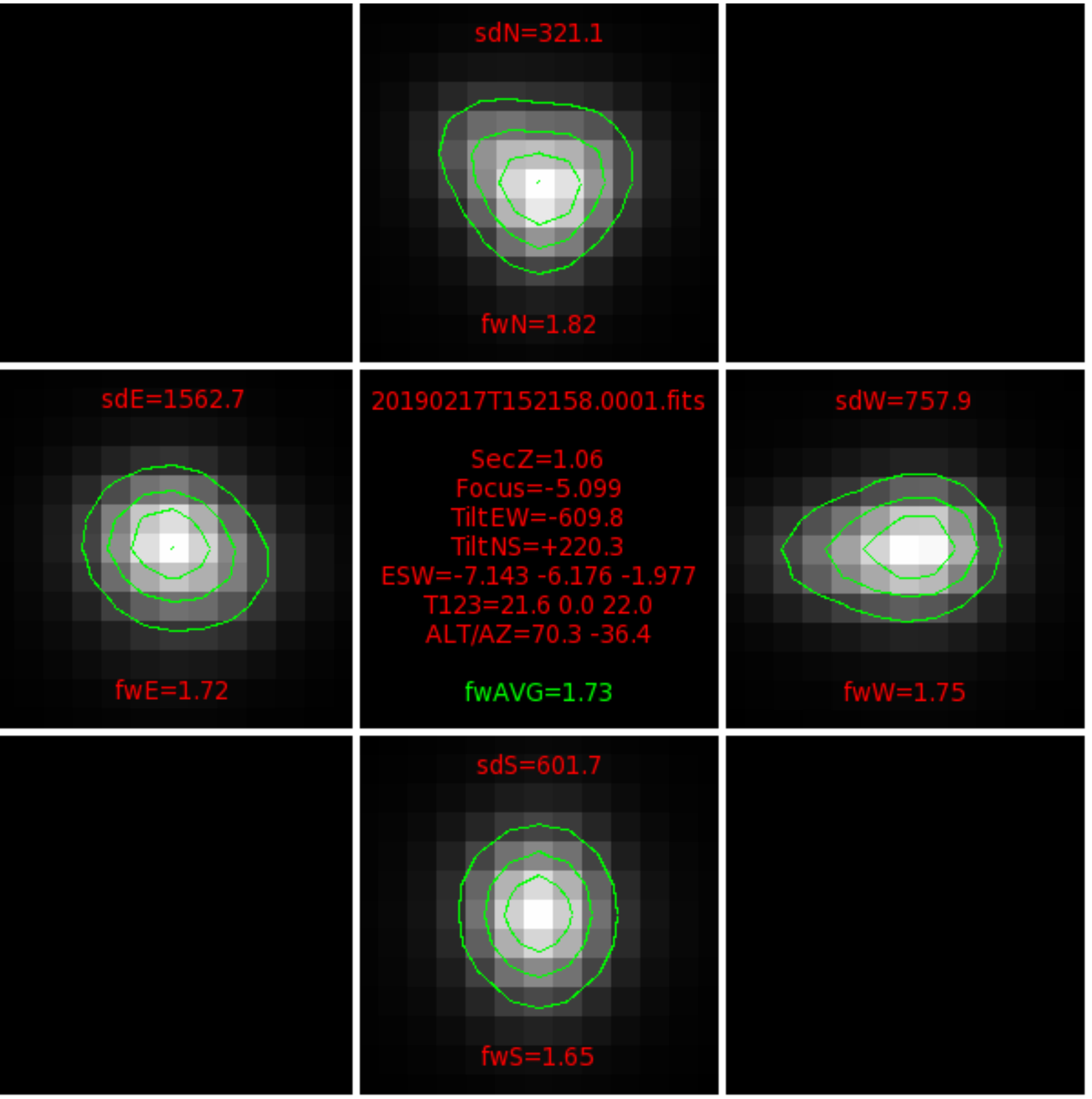
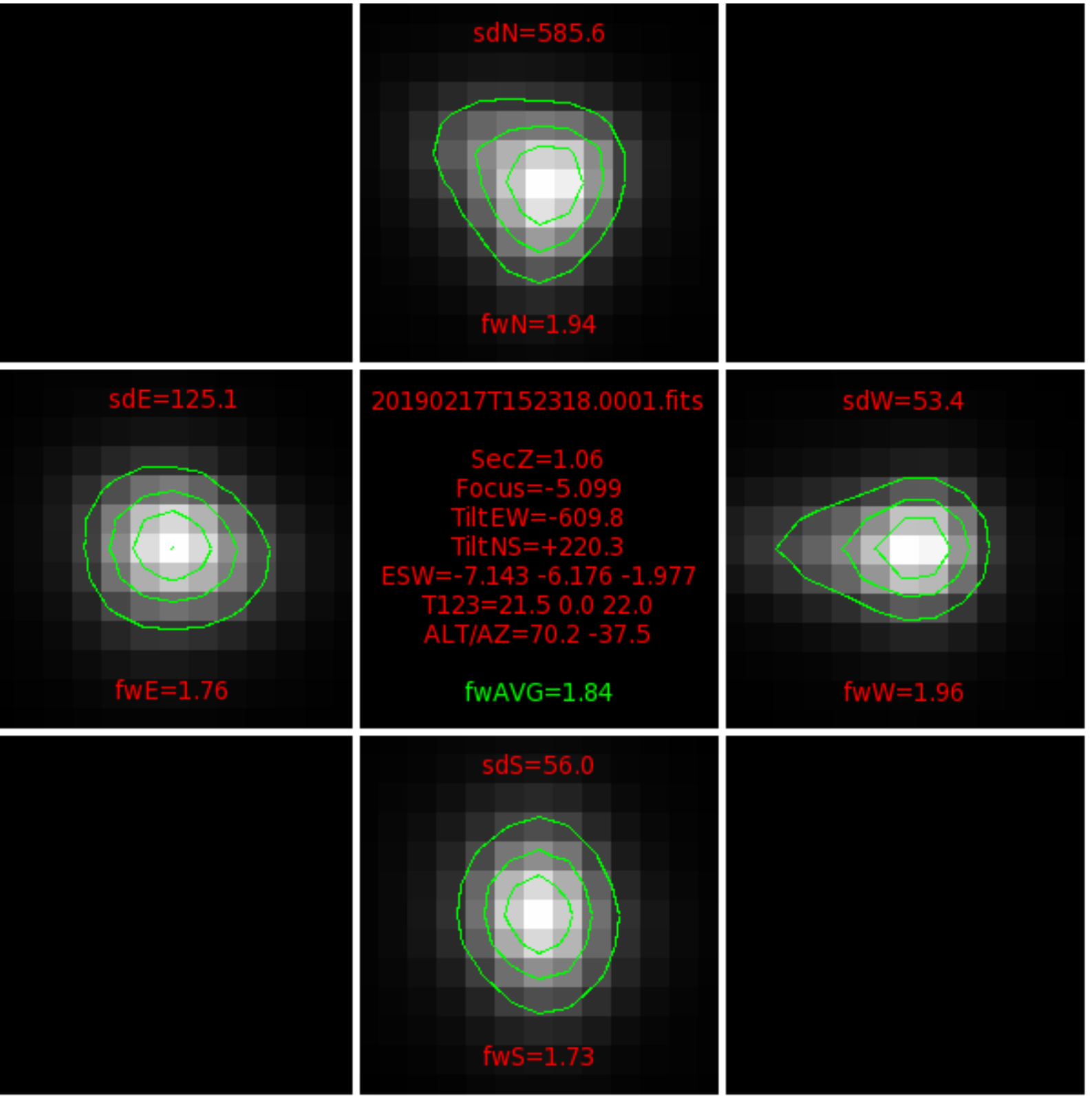
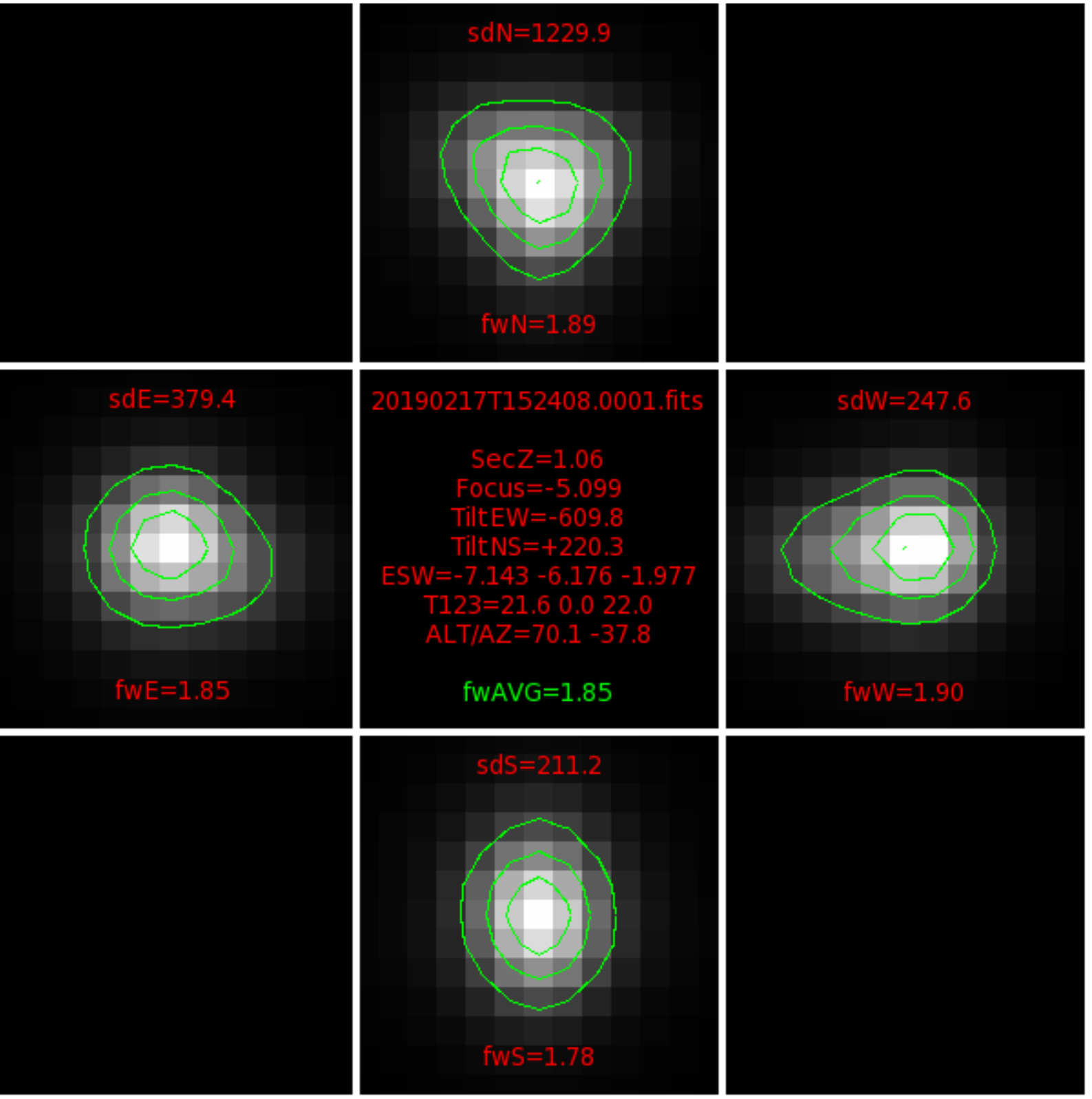

sdN=321.1
fwN=1.82
sdE=1562.7
fwE=1.72
20190217T152158.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.6 0.0 22.0
ALT/AZ=70.3 -36.4
fwAVG=1.73
sdW=757.9
fwW=1.75
sdS=601.7
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=585.6
fwN=1.94
sdE=125.1
fwE=1.76
20190217T152318.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.5 0.0 22.0
ALT/AZ=70.2 -37.5
fwAVG=1.84
sdW=53.4
fwW=1.96
sdS=56.0
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=1229.9
fwN=1.89
sdE=379.4
fwE=1.85
20190217T152408.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.6 0.0 22.0
ALT/AZ=70.1 -37.8
fwAVG=1.85
sdW=247.6
fwW=1.90
sdS=211.2
fwS=1.78
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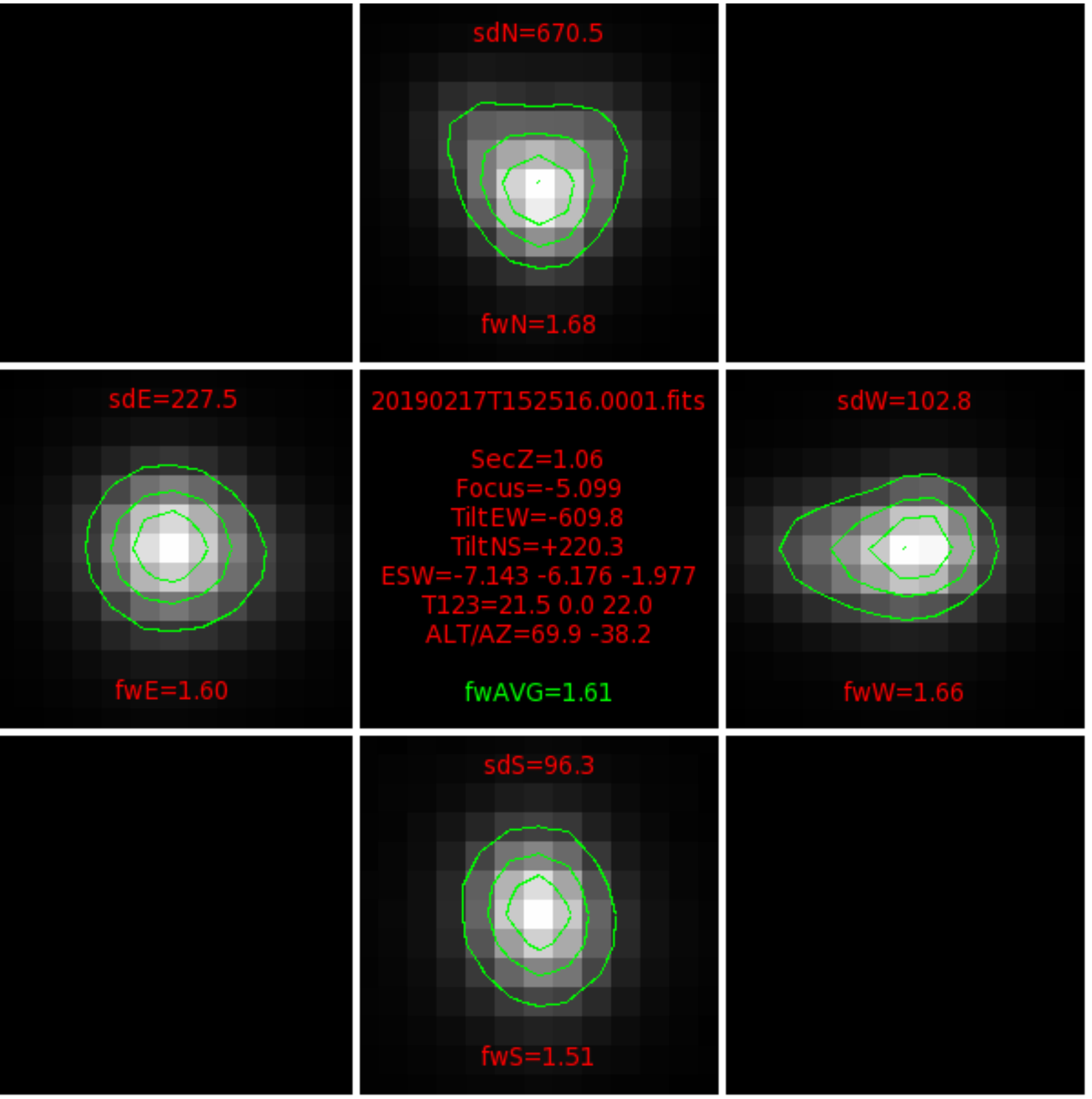
sdN=670.5
fwN=1.68
sdE=227.5
fwE=1.60
20190217T152516.0001.fits
SecZ=1.06
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.5 0.0 22.0
ALT/AZ=69.9 -38.2
fwAVG=1.61
sdW=102.8
fwW=1.66
sdS=96.3
fwS=1.51
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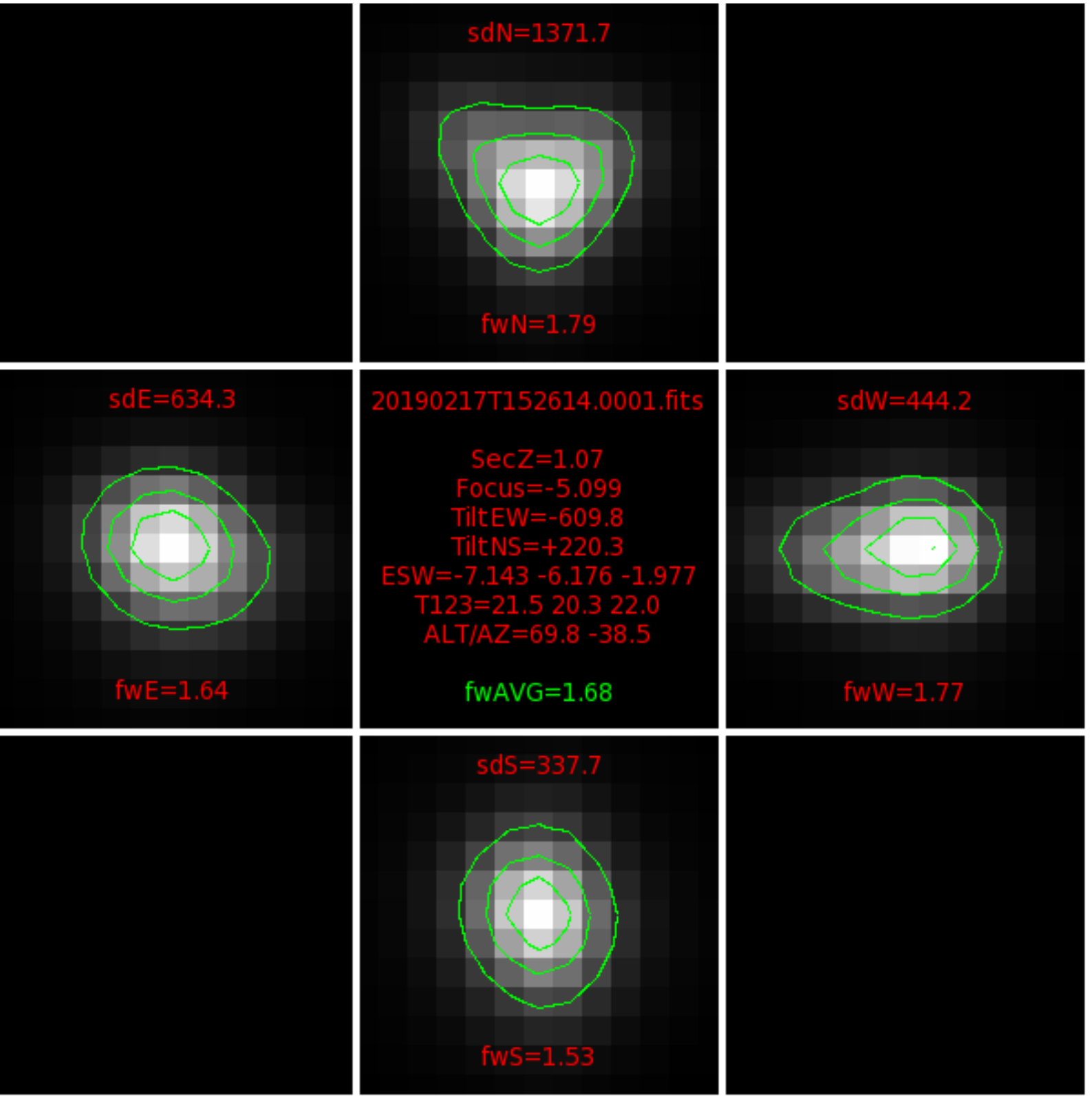
sdN=1371.7
fwN=1.79
sdE=634.3
fwE=1.64
20190217T152614.0001.fits
SecZ=1.07
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.5 20.3 22.0
ALT/AZ=69.8 -38.5
fwAVG=1.68
sdW=444.2
fwW=1.77
sdS=337.7
fwS=1.53
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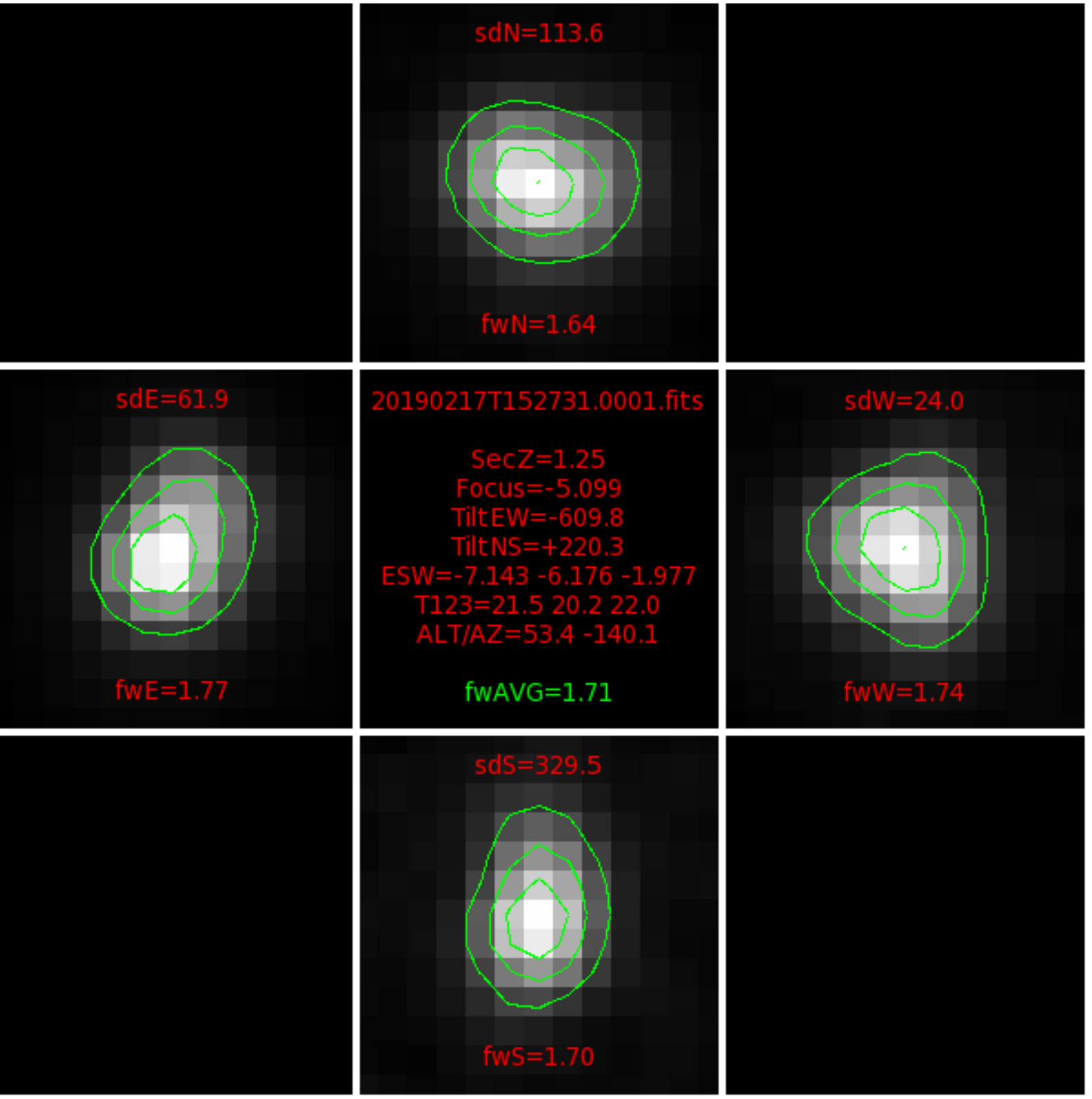
sdN=113.6
fwN=1.64
sdE=61.9
fwE=1.77
20190217T152731.0001.fits
SecZ=1.25
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.5 20.2 22.0
ALT/AZ=53.4 -140.1
fwAVG=1.71
sdW=24.0
fwW=1.74
sdS=329.5
fwS=1.70
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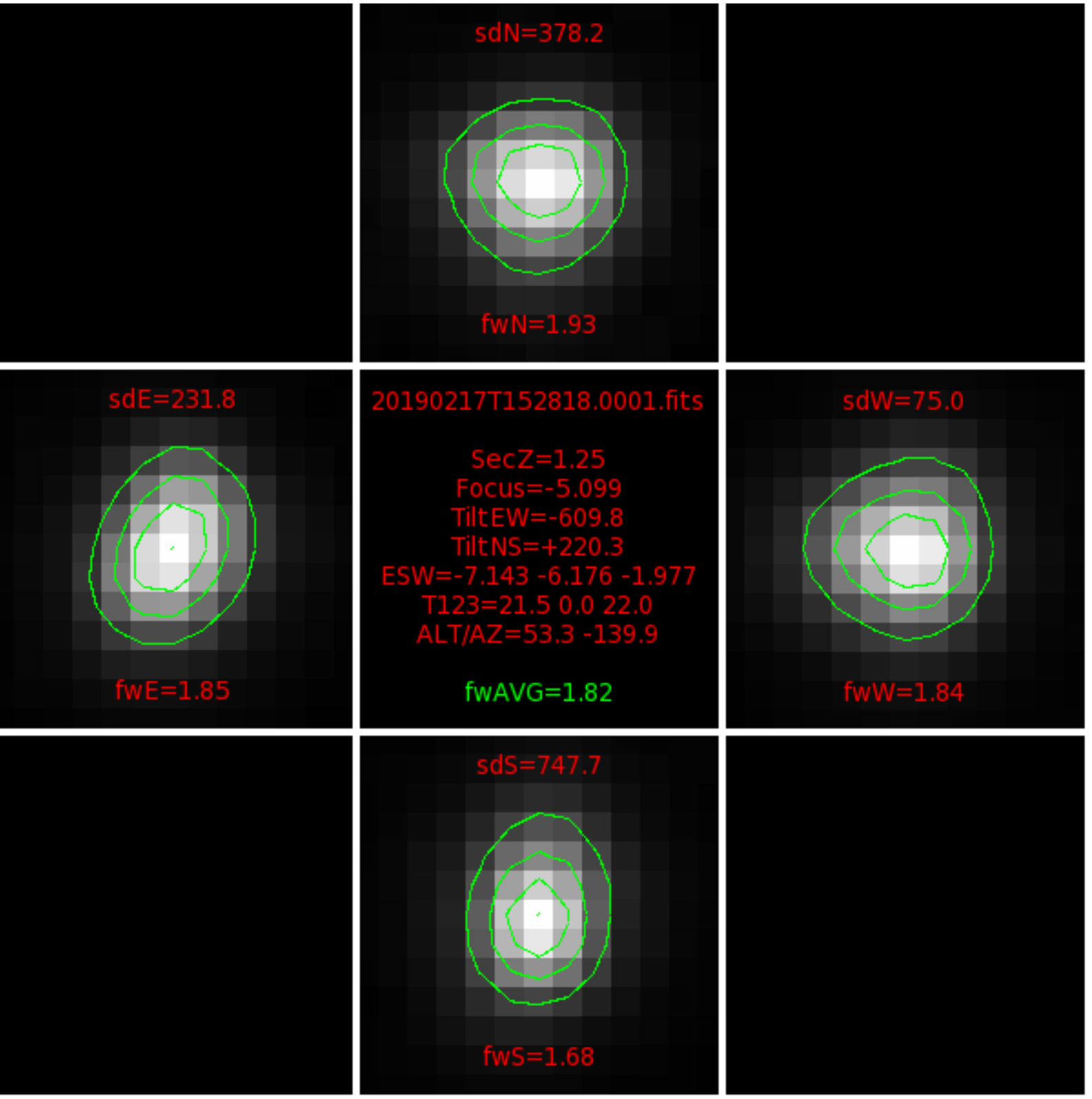
sdN=378.2
fwN=1.93
sdE=231.8
fwE=1.85
20190217T152818.0001.fits
SecZ=1.25
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.5 0.0 22.0
ALT/AZ=53.3 -139.9
fwAVG=1.82
sdW=75.0
fwW=1.84
sdS=747.7
fwS=1.68
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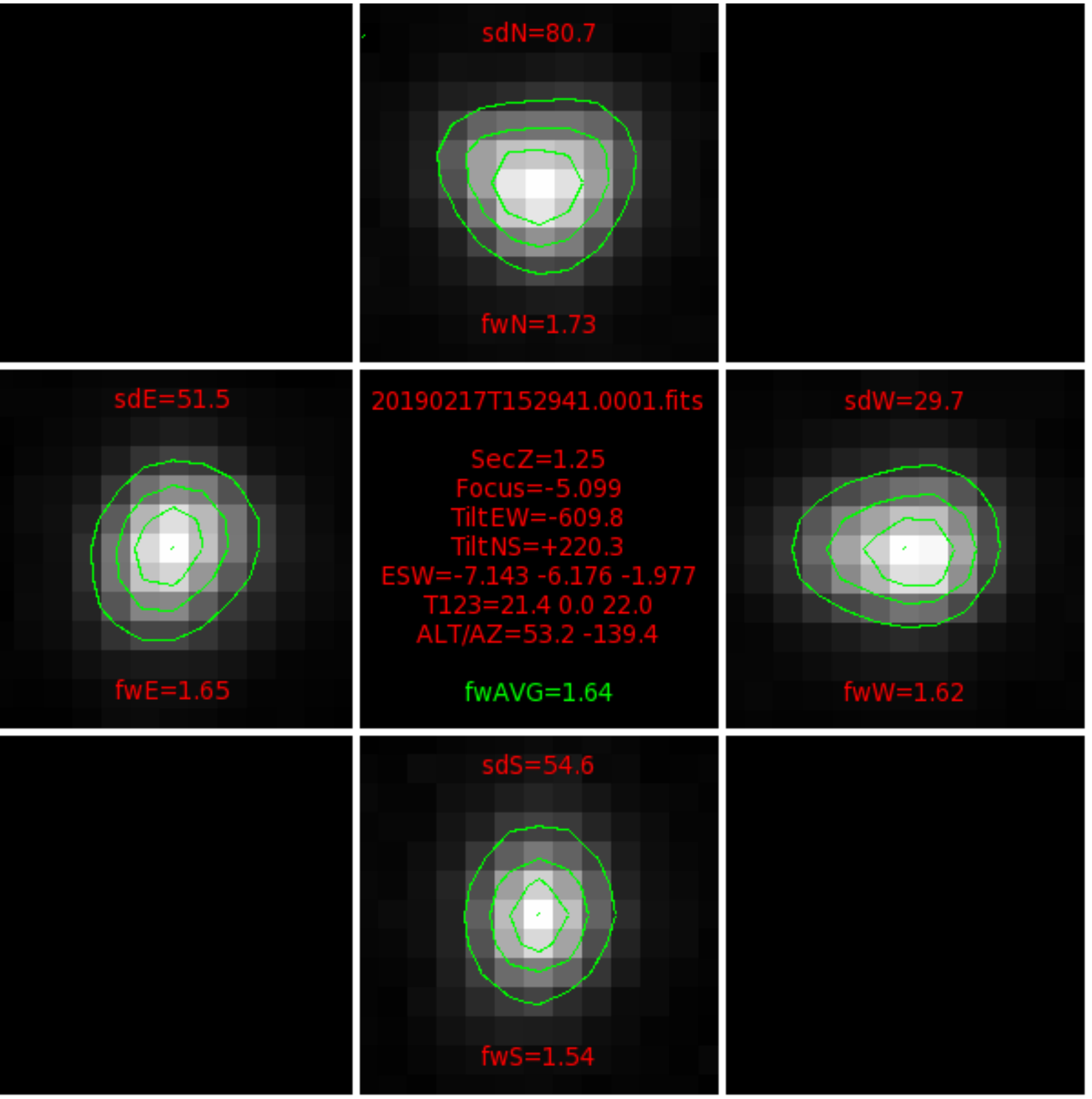
sdN=80.7
fwN=1.73
sdE=51.5
fwE=1.65
20190217T152941.0001.fits
SecZ=1.25
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.4 0.0 22.0
ALT/AZ=53.2 -139.4
fwAVG=1.64
sdW=29.7
fwW=1.62
sdS=54.6
fwS=1.54
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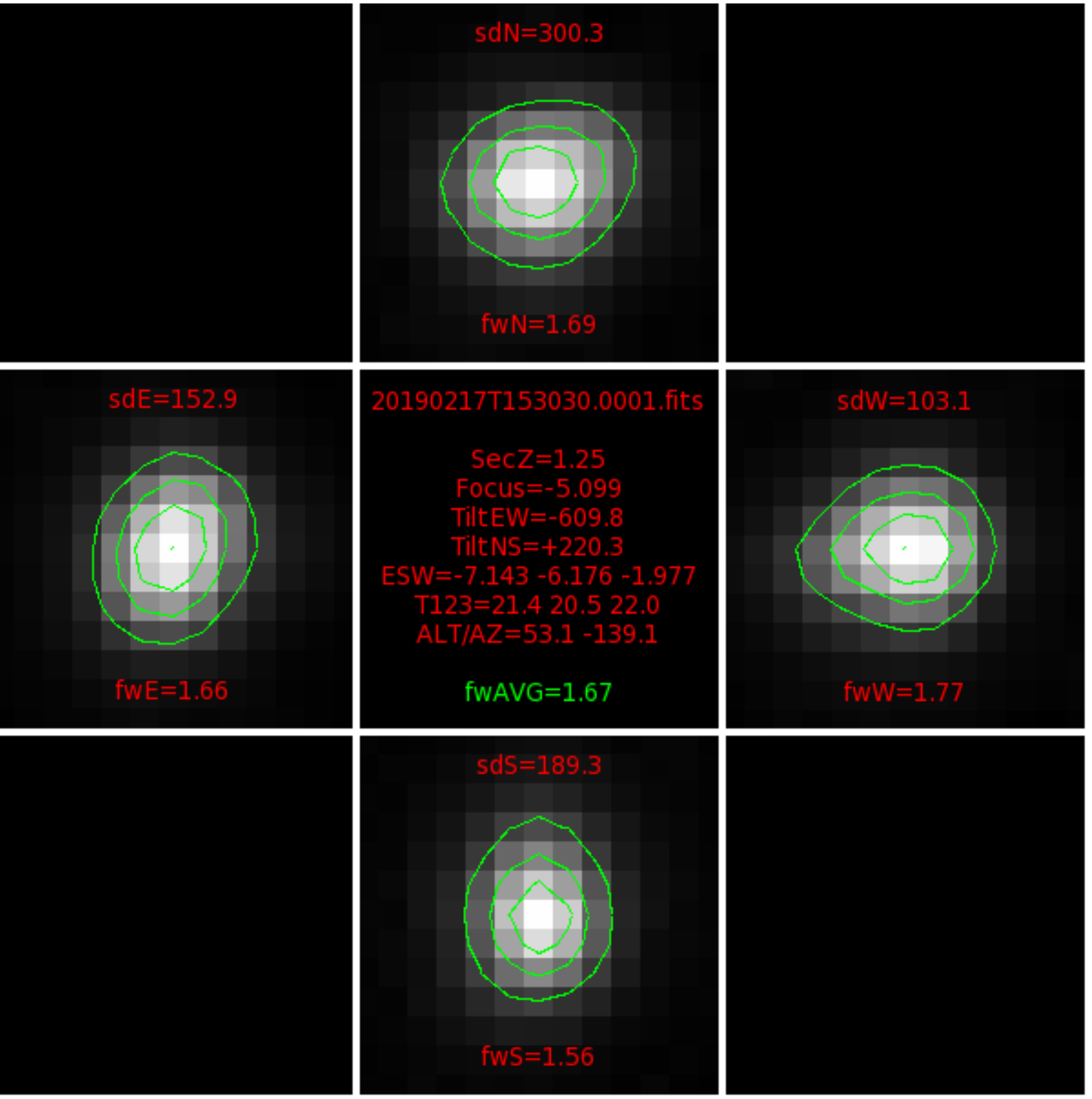
sdN=300.3
fwN=1.69
sdE=152.9
fwE=1.66
20190217T153030.0001.fits
SecZ=1.25
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.4 20.5 22.0
ALT/AZ=53.1 -139.1
fwAVG=1.67
sdW=103.1
fwW=1.77
sdS=189.3
fwS=1.56
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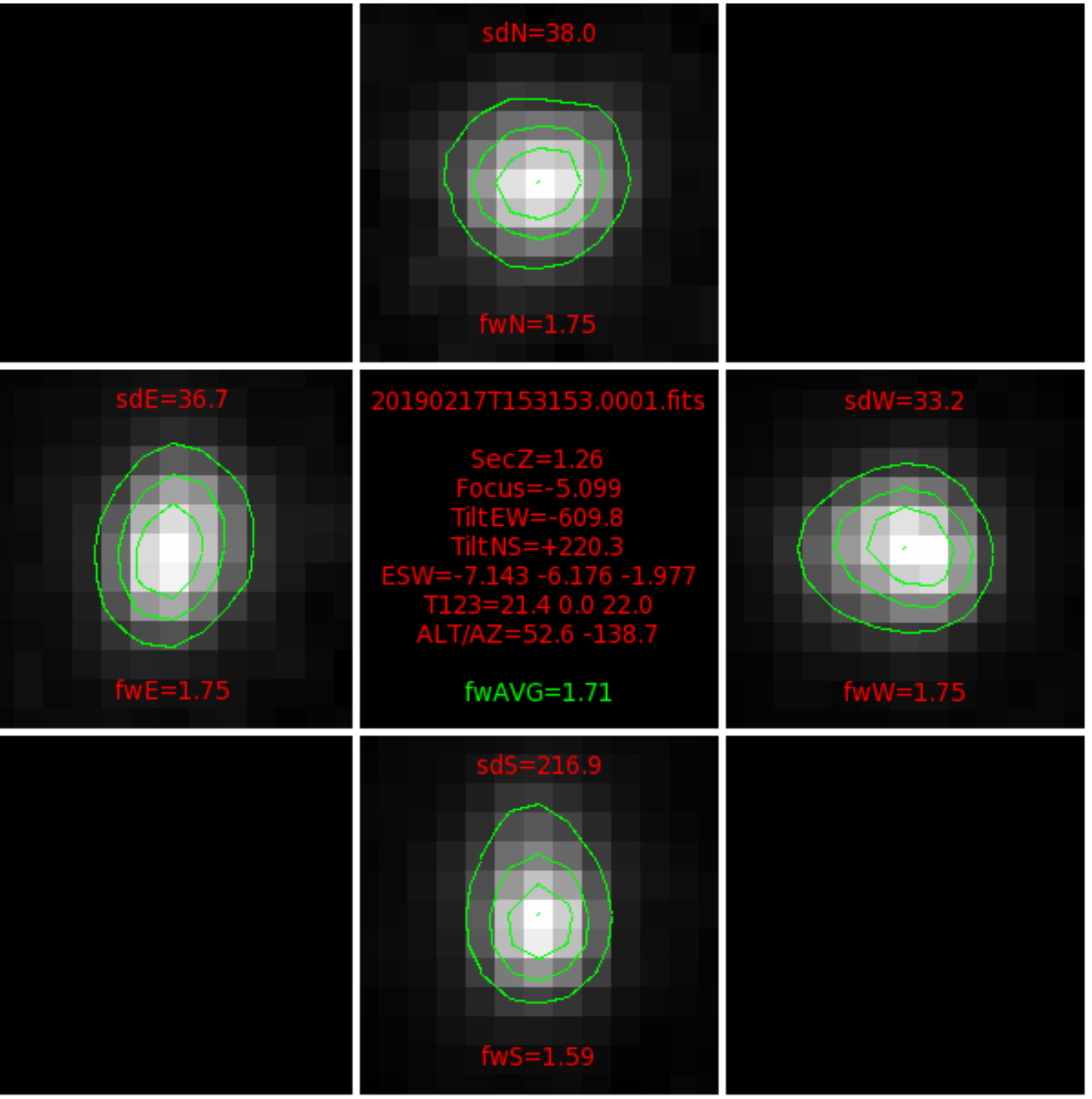
sdN=38.0
fwN=1.75
sdE=36.7
fwE=1.75
20190217T153153.0001.fits
SecZ=1.26
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.4 0.0 22.0
ALT/AZ=52.6 -138.7
fwAVG=1.71
sdW=33.2
fwW=1.75
sdS=216.9
fwS=1.59
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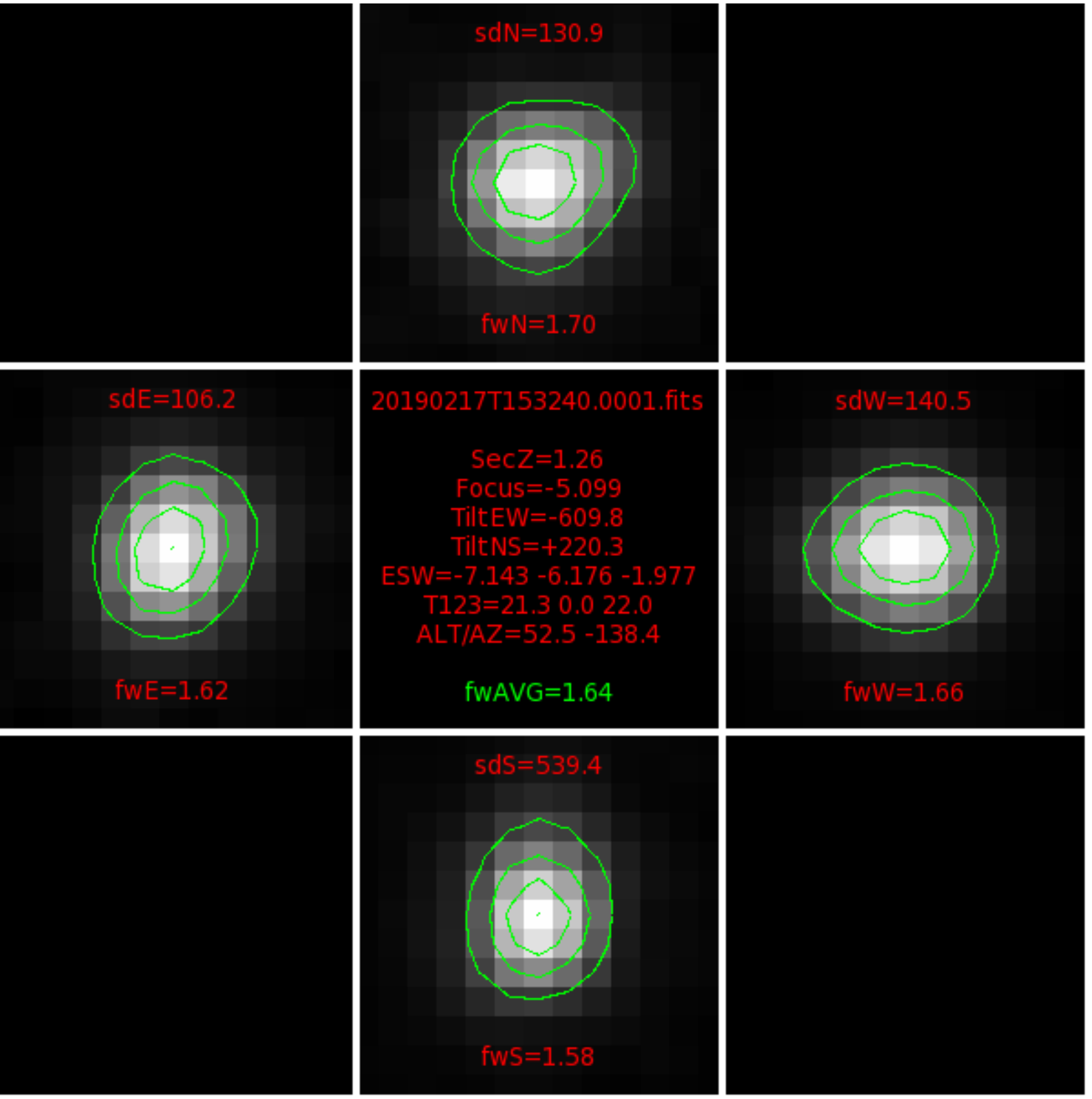
sdN=130.9
fwN=1.70
sdE=106.2
fwE=1.62
20190217T153240.0001.fits
SecZ=1.26
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.3 0.0 22.0
ALT/AZ=52.5 -138.4
fwAVG=1.64
sdW=140.5
fwW=1.66
sdS=539.4
fwS=1.58
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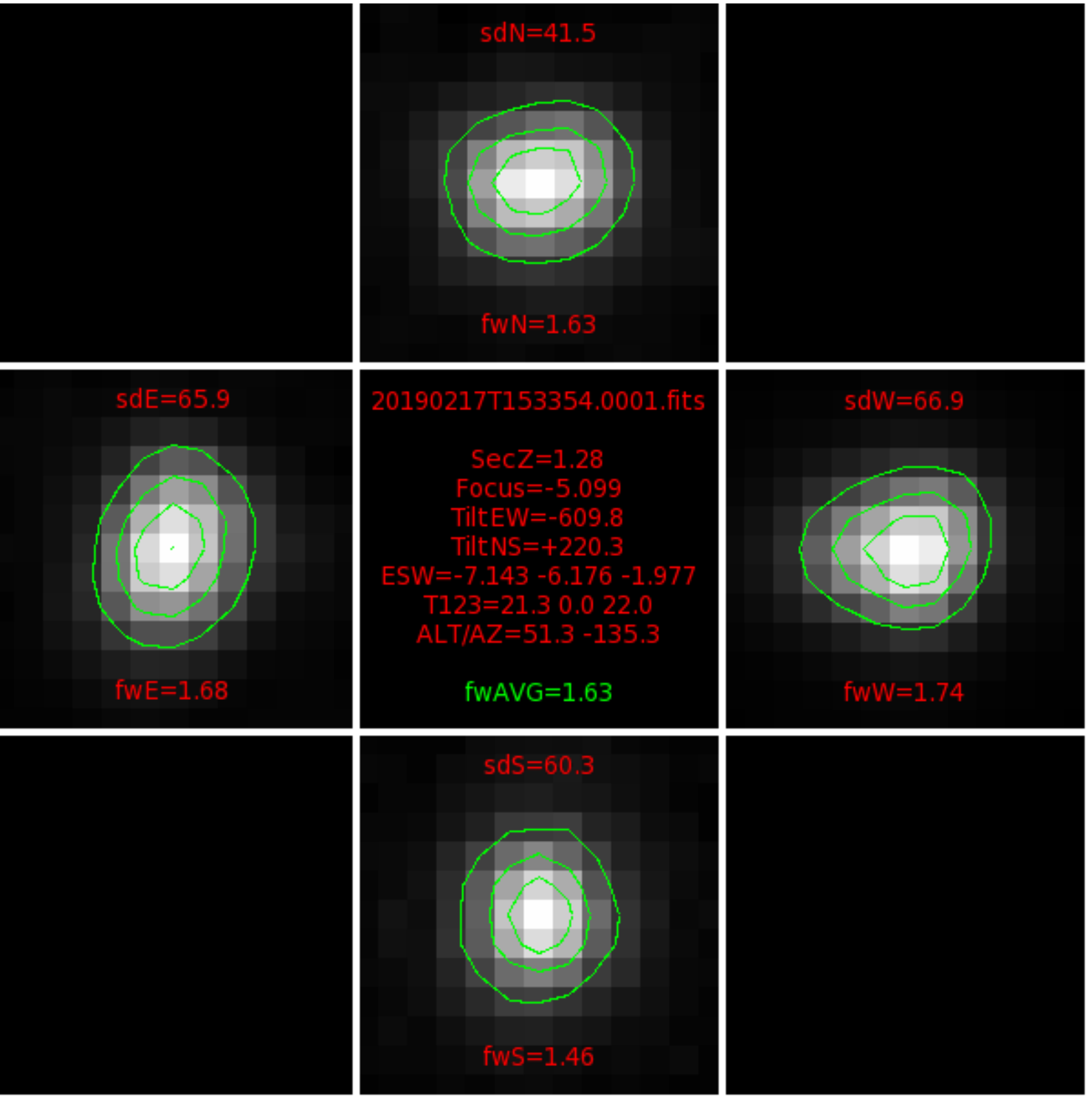
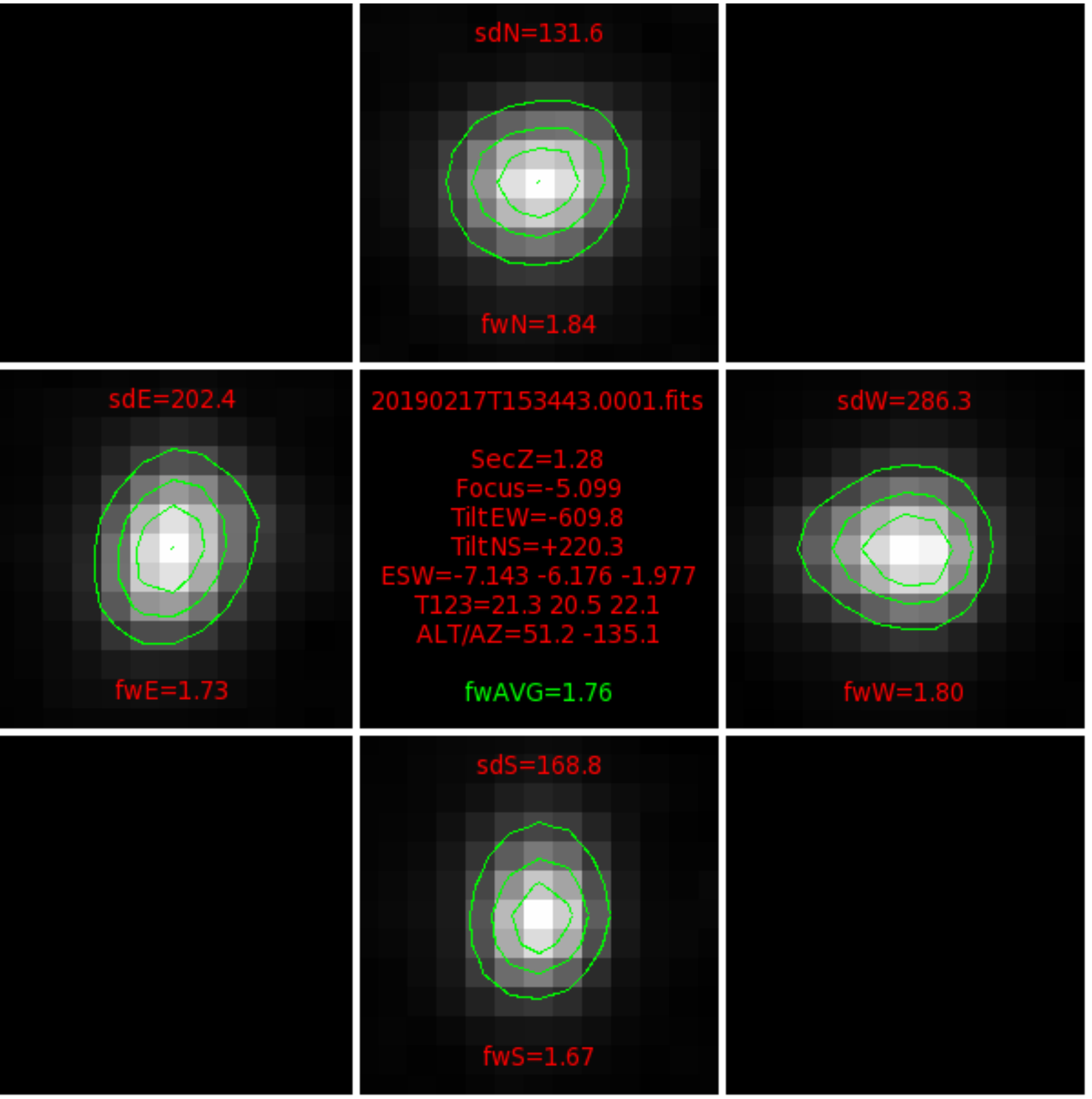

sdN=41.5
fwN=1.63
sdE=65.9
fwE=1.68
20190217T153354.0001.fits
SecZ=1.28
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.3 0.0 22.0
ALT/AZ=51.3 -135.3
fwAVG=1.63
sdW=66.9
fwW=1.74
sdS=60.3
fwS=1.46
0 0 0 0 0 0 0 0 0


sdN=131.6
fwN=1.84
sdE=202.4
fwE=1.73
20190217T153443.0001.fits
SecZ=1.28
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.3 20.5 22.1
ALT/AZ=51.2 -135.1
fwAVG=1.76
sdW=286.3
fwW=1.80
sdS=168.8
fwS=1.67
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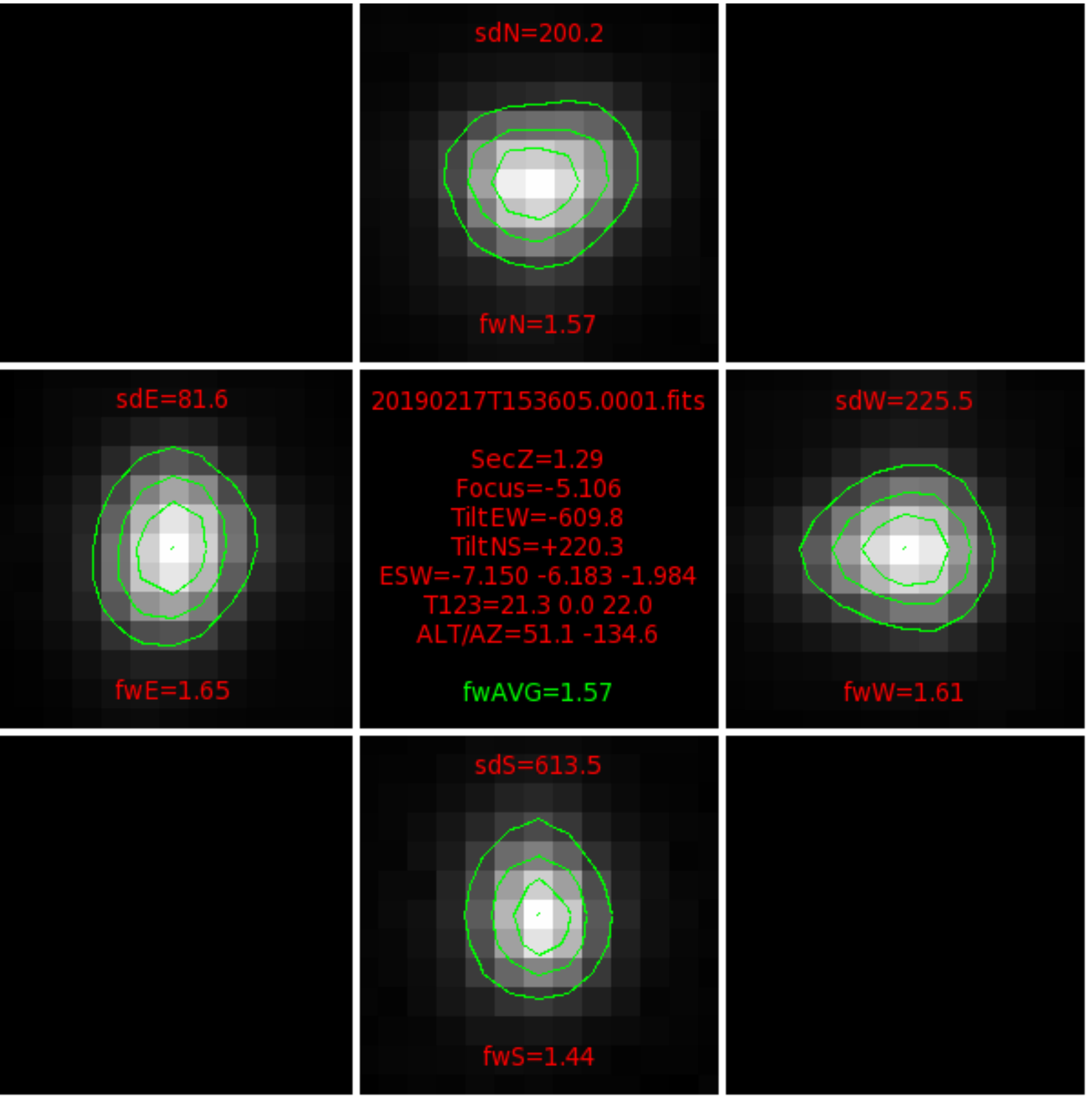
sdN=200.2
fwN=1.57
sdE=81.6
fwE=1.65
20190217T153605.0001.fits
SecZ=1.29
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.3 0.0 22.0
ALT/AZ=51.1 -134.6
fwAVG=1.57
sdW=225.5
fwW=1.61
sdS=613.5
fwS=1.44
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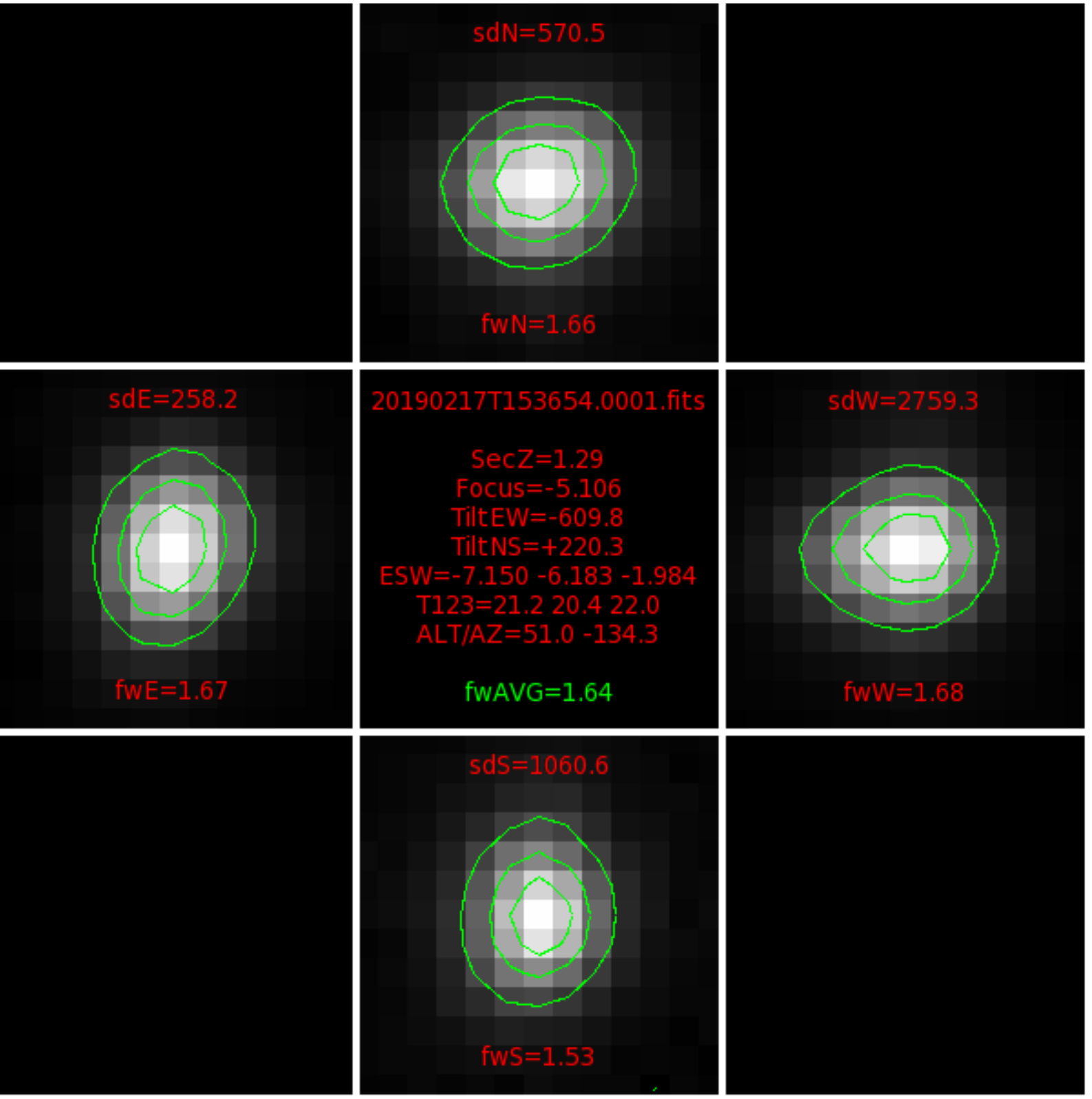
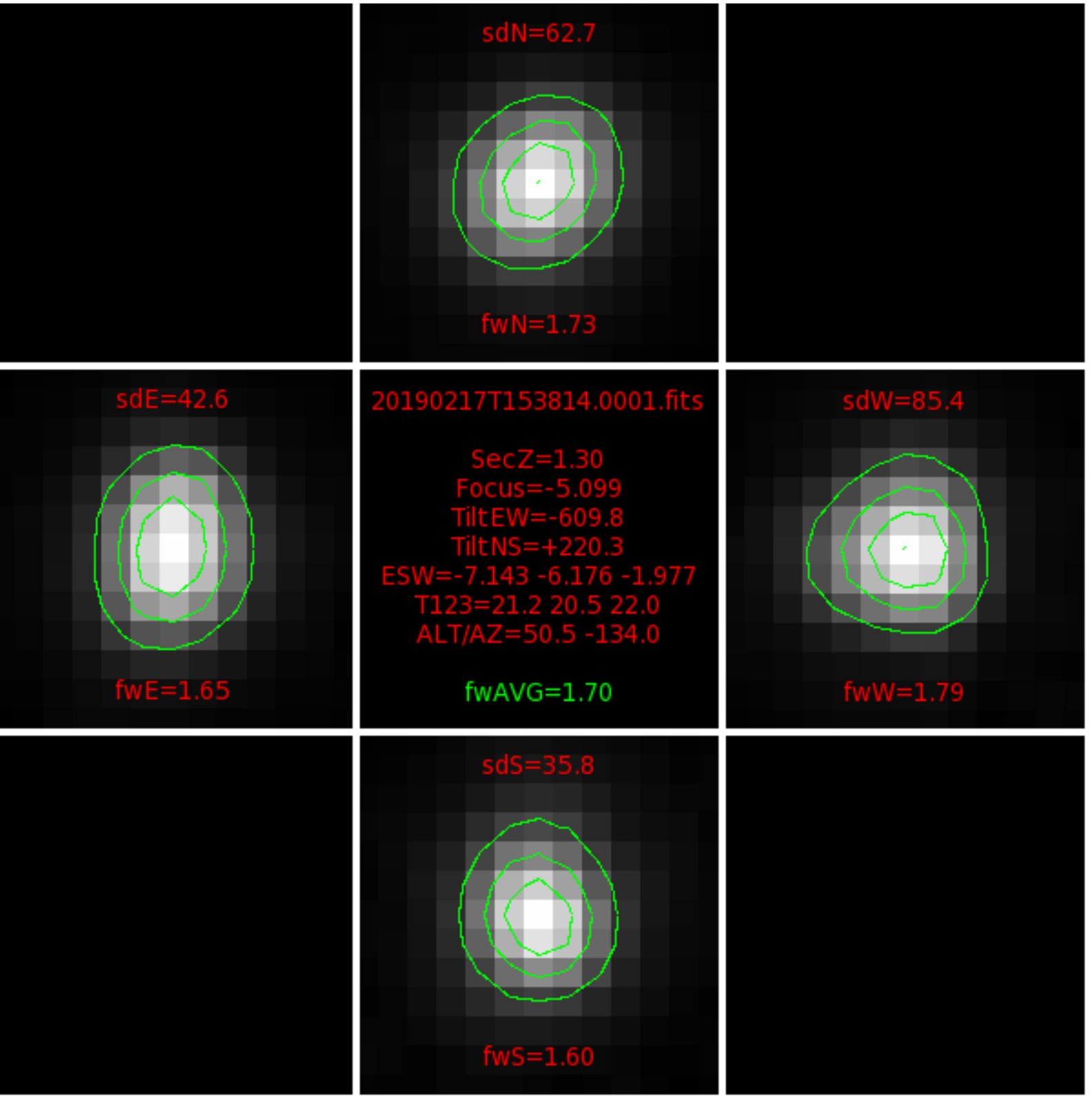

sdN=570.5
fwN=1.66
sdE=258.2
fwE=1.67
20190217T153654.0001.fits
SecZ=1.29
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.2 20.4 22.0
ALT/AZ=51.0 -134.3
fwAVG=1.64
sdW=2759.3
fwW=1.68
sdS=1060.6
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=62.7
fwN=1.73
sdE=42.6
fwE=1.65
20190217T153814.0001.fits
SecZ=1.30
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.2 20.5 22.0
ALT/AZ=50.5 -134.0
fwAVG=1.70
sdW=85.4
fwW=1.79
sdS=35.8
fwS=1.60
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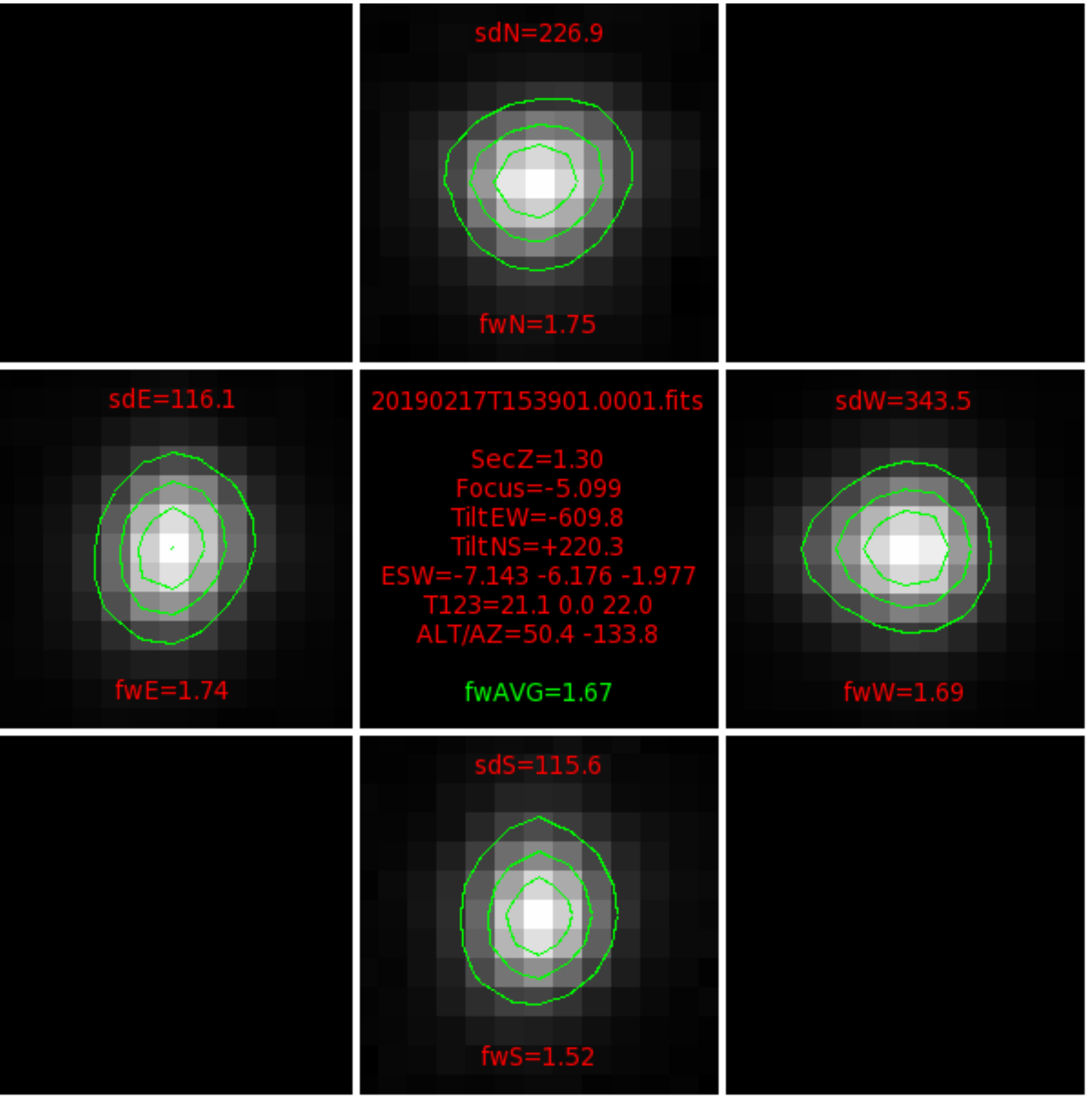
sdN=226.9
fwN=1.75
sdE=116.1
fwE=1.74
20190217T153901.0001.fits
SecZ=1.30
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.1 0.0 22.0
ALT/AZ=50.4 -133.8
fwAVG=1.67
sdW=343.5
fwW=1.69
sdS=115.6
fwS=1.52
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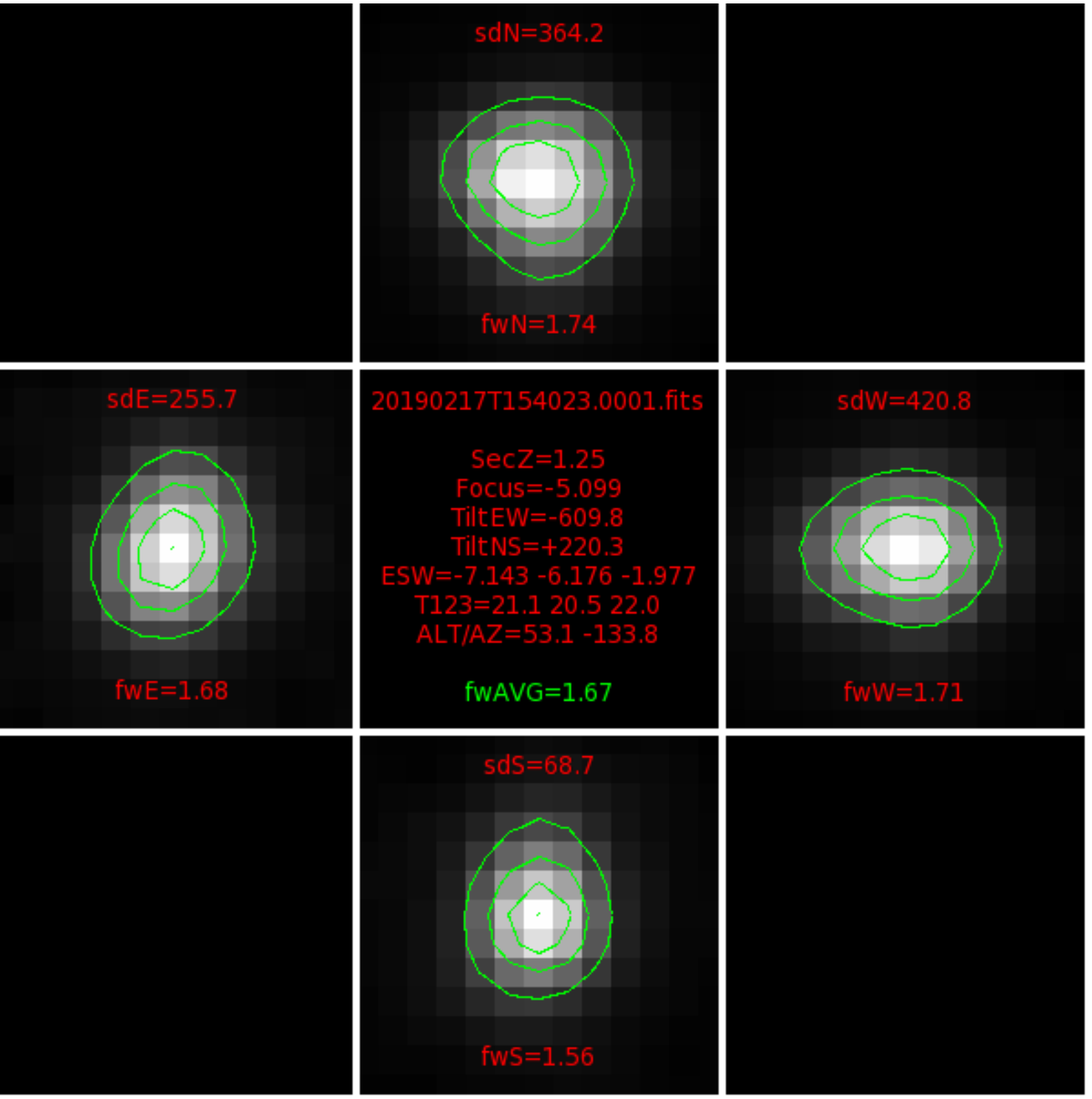
sdN=364.2
fwN=1.74
sdE=255.7
fwE=1.68
20190217T154023.0001.fits
SecZ=1.25
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.1 20.5 22.0
ALT/AZ=53.1 -133.8
fwAVG=1.67
sdW=420.8
fwW=1.71
sdS=68.7
fwS=1.56
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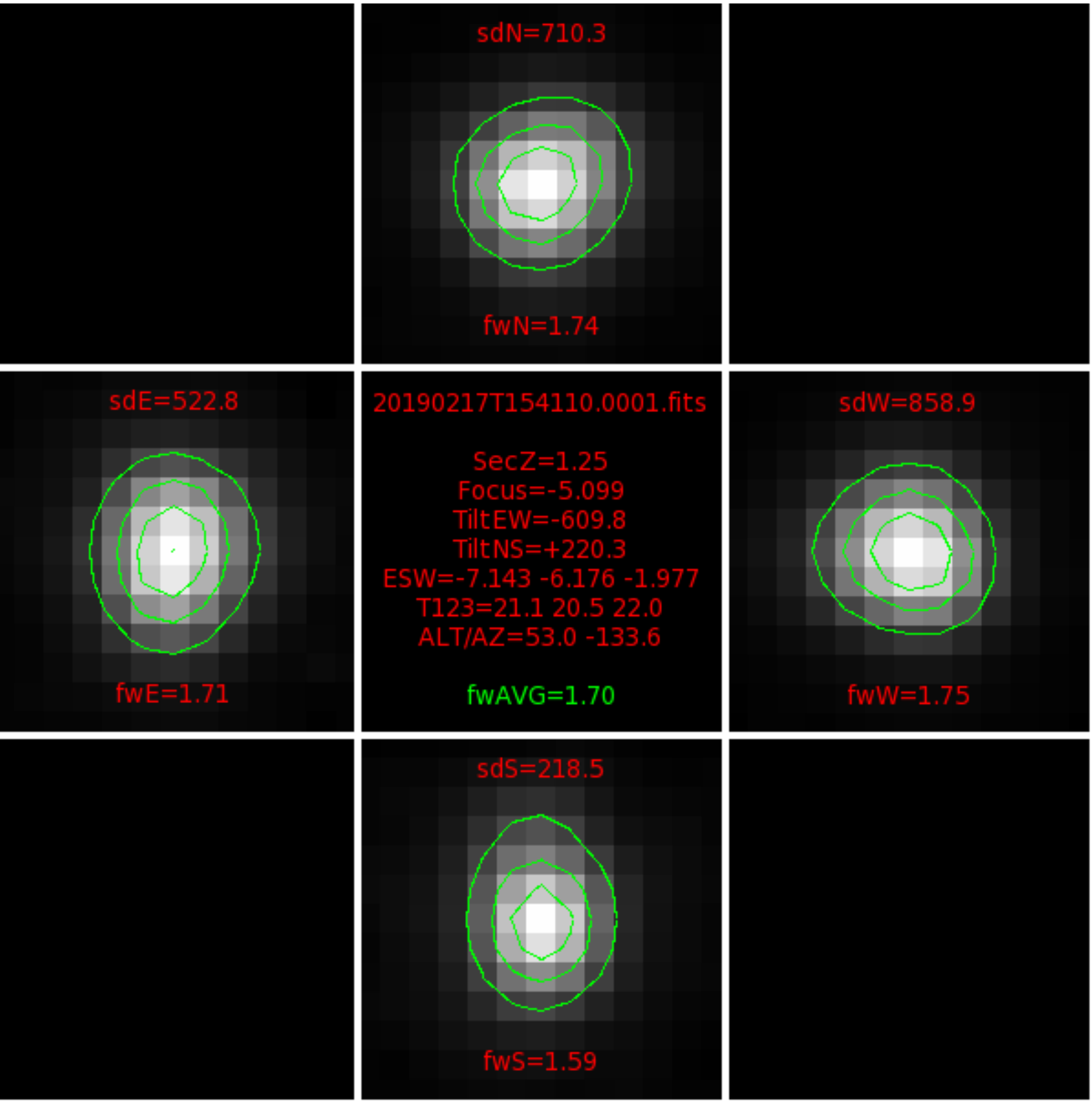
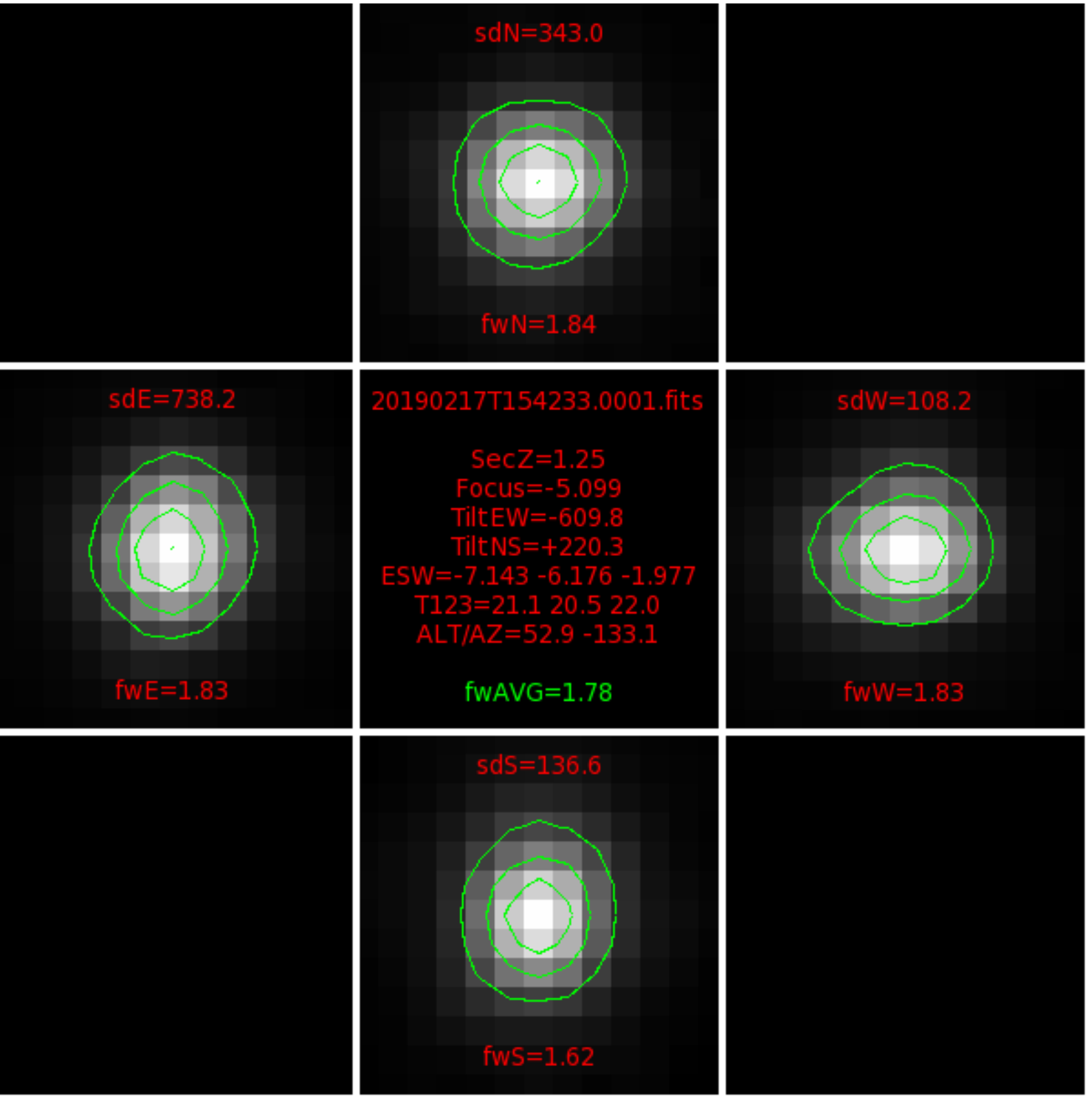

sdN=710.3
fwN=1.74
sdE=522.8
fwE=1.71
20190217T154110.0001.fits
SecZ=1.25
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.1 20.5 22.0
ALT/AZ=53.0 -133.6
fwAVG=1.70
sdW=858.9
fwW=1.75
sdS=218.5
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=343.0
fwN=1.84
sdE=738.2
fwE=1.83
20190217T154233.0001.fits
SecZ=1.25
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.1 20.5 22.0
ALT/AZ=52.9 -133.1
fwAVG=1.78
sdW=108.2
fwW=1.83
sdS=136.6
fwS=1.62
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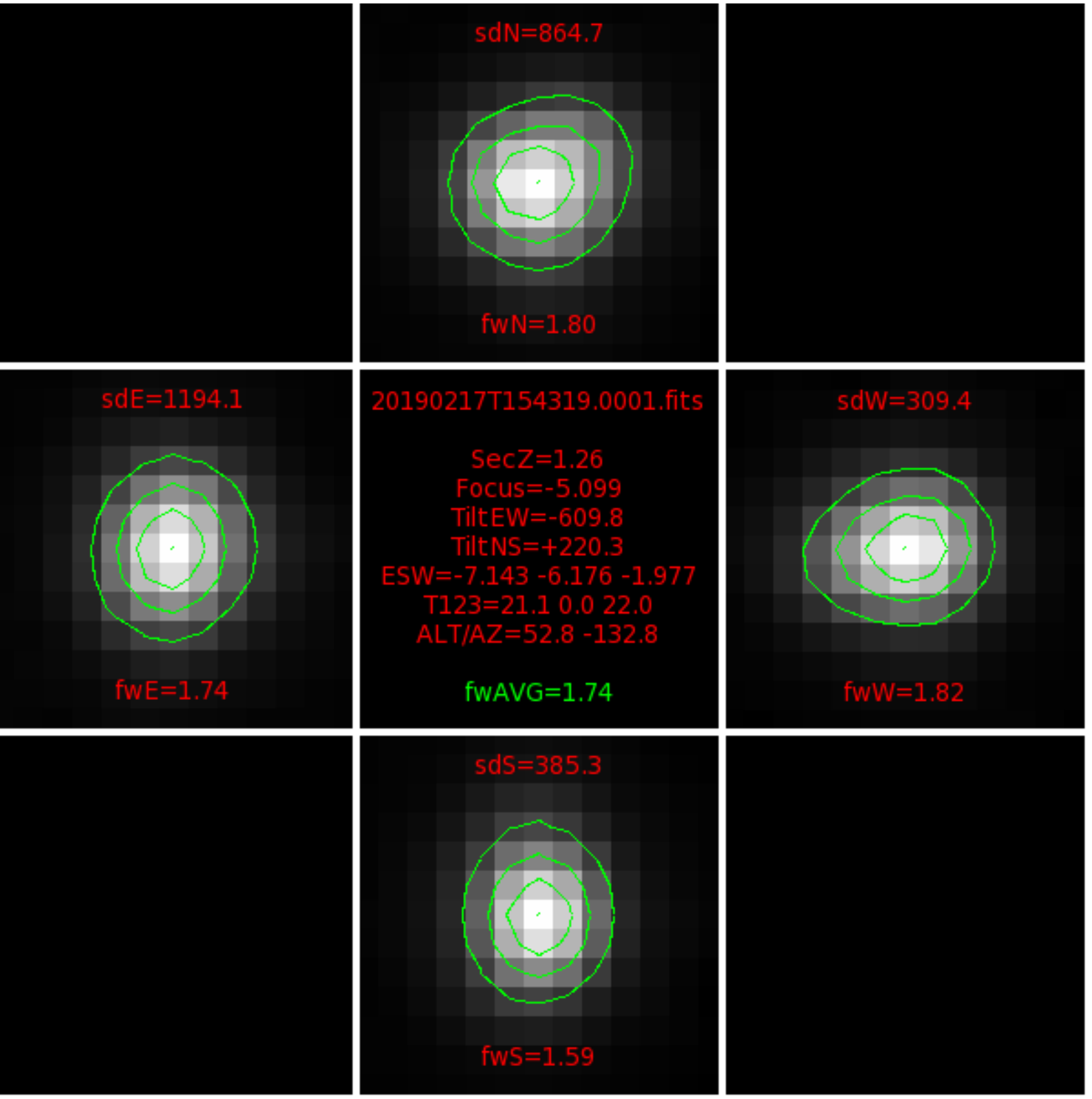
sdN=864.7
fwN=1.80
sdE=1194.1
fwE=1.74
20190217T154319.0001.fits
SecZ=1.26
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.1 0.0 22.0
ALT/AZ=52.8 -132.8
fwAVG=1.74
sdW=309.4
fwW=1.82
sdS=385.3
fwS=1.59
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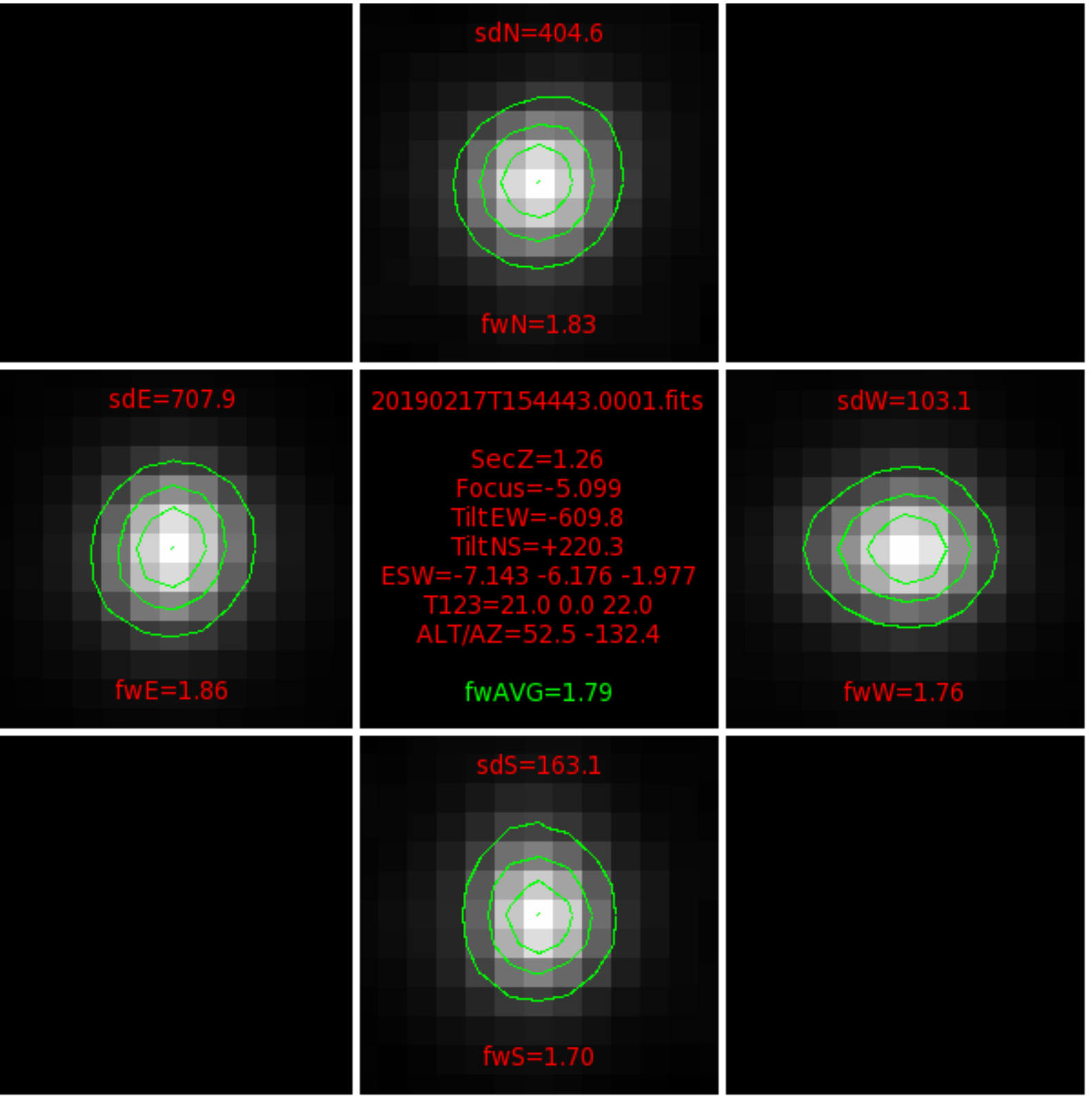
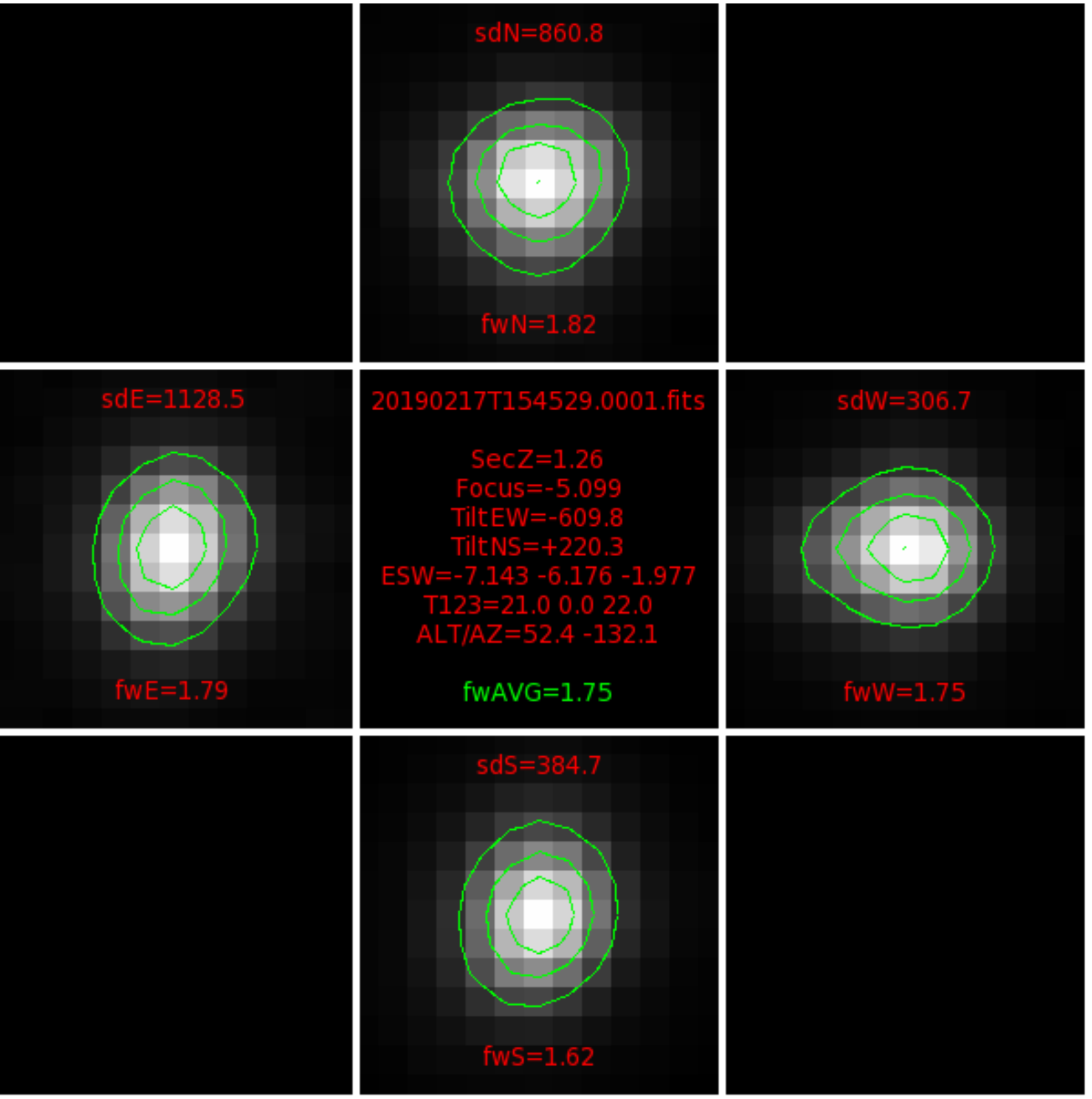
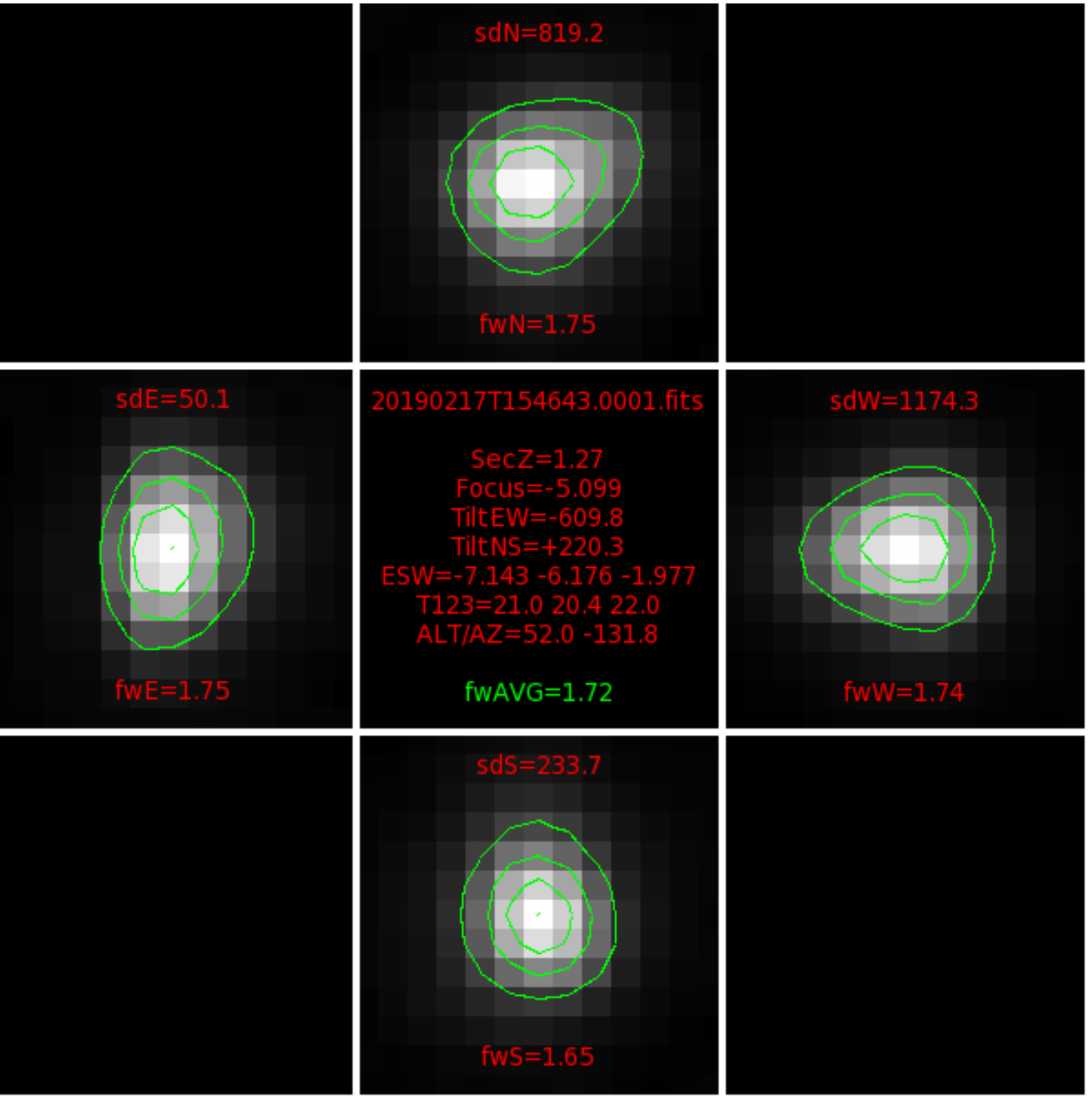
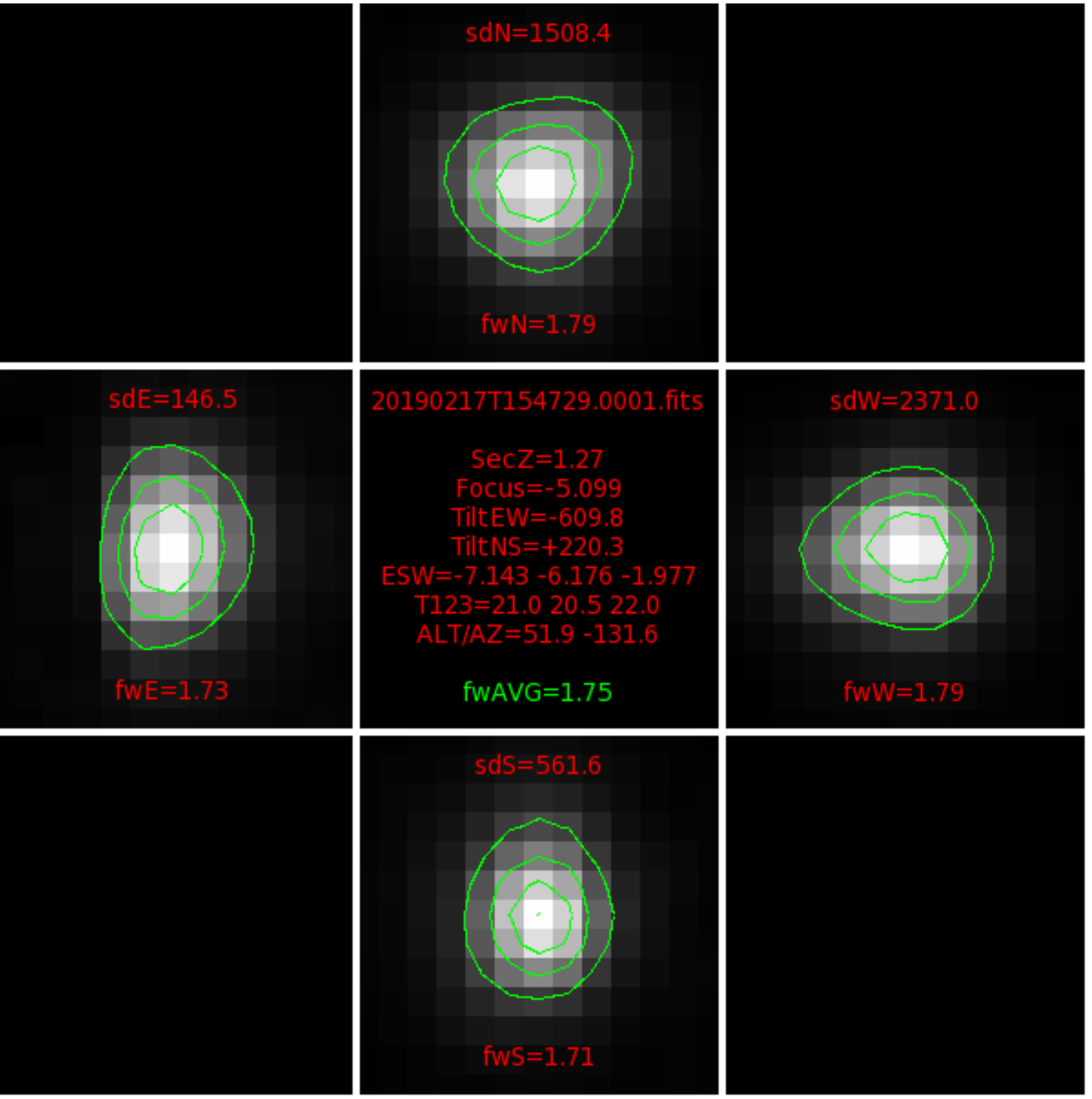

sdN=404.6
fwN=1.83
sdE=707.9
fwE=1.86
20190217T154443.0001.fits
SecZ=1.26
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.0 0.0 22.0
ALT/AZ=52.5 -132.4
fwAVG=1.79
sdW=103.1
fwW=1.76
sdS=163.1
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=860.8
fwN=1.82
sdE=1128.5
fwE=1.79
20190217T154529.0001.fits
SecZ=1.26
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.0 0.0 22.0
ALT/AZ=52.4 -132.1
fwAVG=1.75
sdW=306.7
fwW=1.75
sdS=384.7
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=819.2
fwN=1.75
sdE=50.1
fwE=1.75
20190217T154643.0001.fits
SecZ=1.27
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.0 20.4 22.0
ALT/AZ=52.0 -131.8
fwAVG=1.72
sdW=1174.3
fwW=1.74
sdS=233.7
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=1508.4
fwN=1.79
sdE=146.5
fwE=1.73
20190217T154729.0001.fits
SecZ=1.27
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.0 20.5 22.0
ALT/AZ=51.9 -131.6
fwAVG=1.75
sdW=2371.0
fwW=1.79
sdS=561.6
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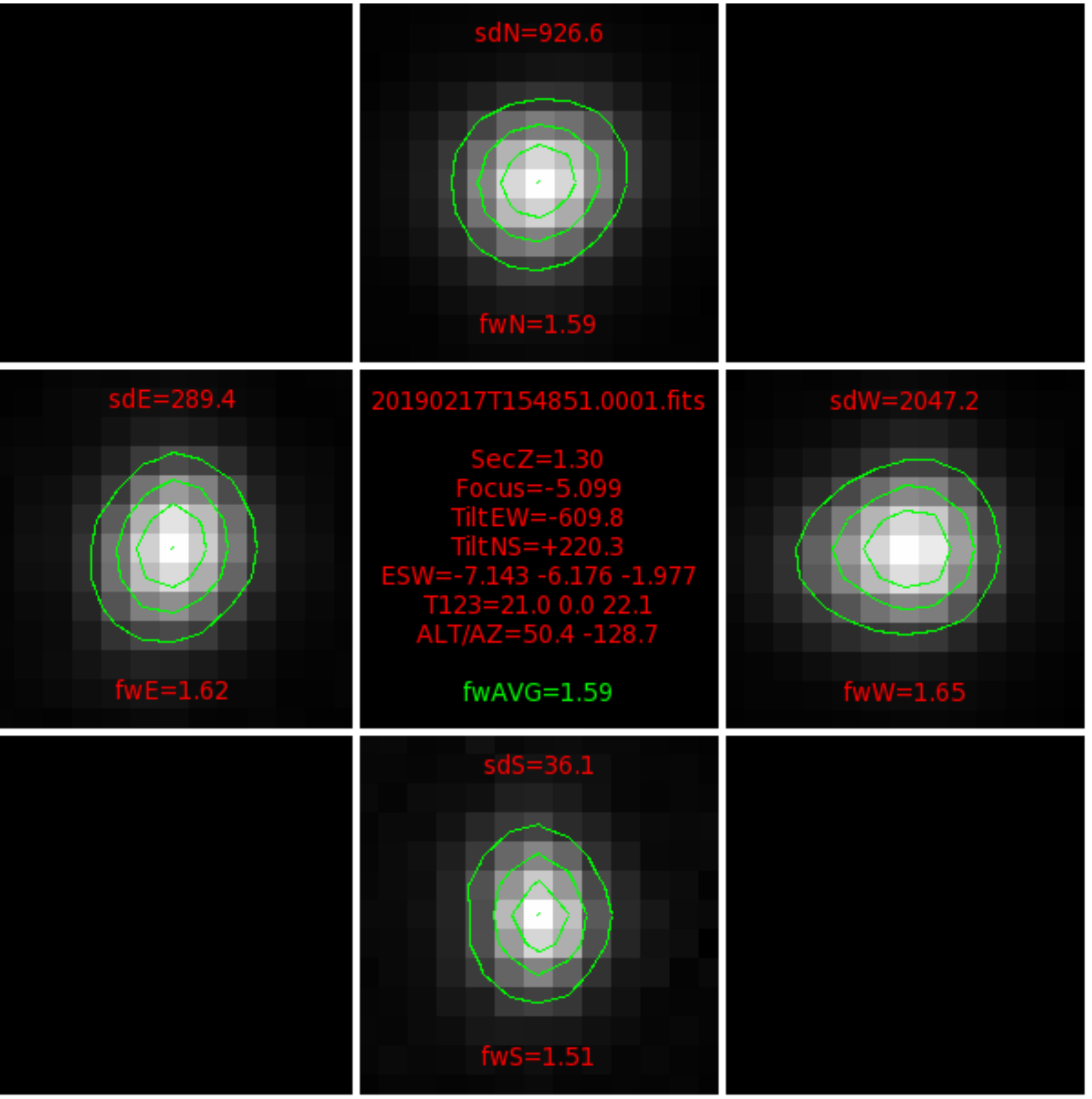
sdN=926.6
fwN=1.59
sdE=289.4
fwE=1.62
20190217T154851.0001.fits
SecZ=1.30
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.0 0.0 22.1
ALT/AZ=50.4 -128.7
fwAVG=1.59
sdW=2047.2
fwW=1.65
sdS=36.1
fwS=1.51
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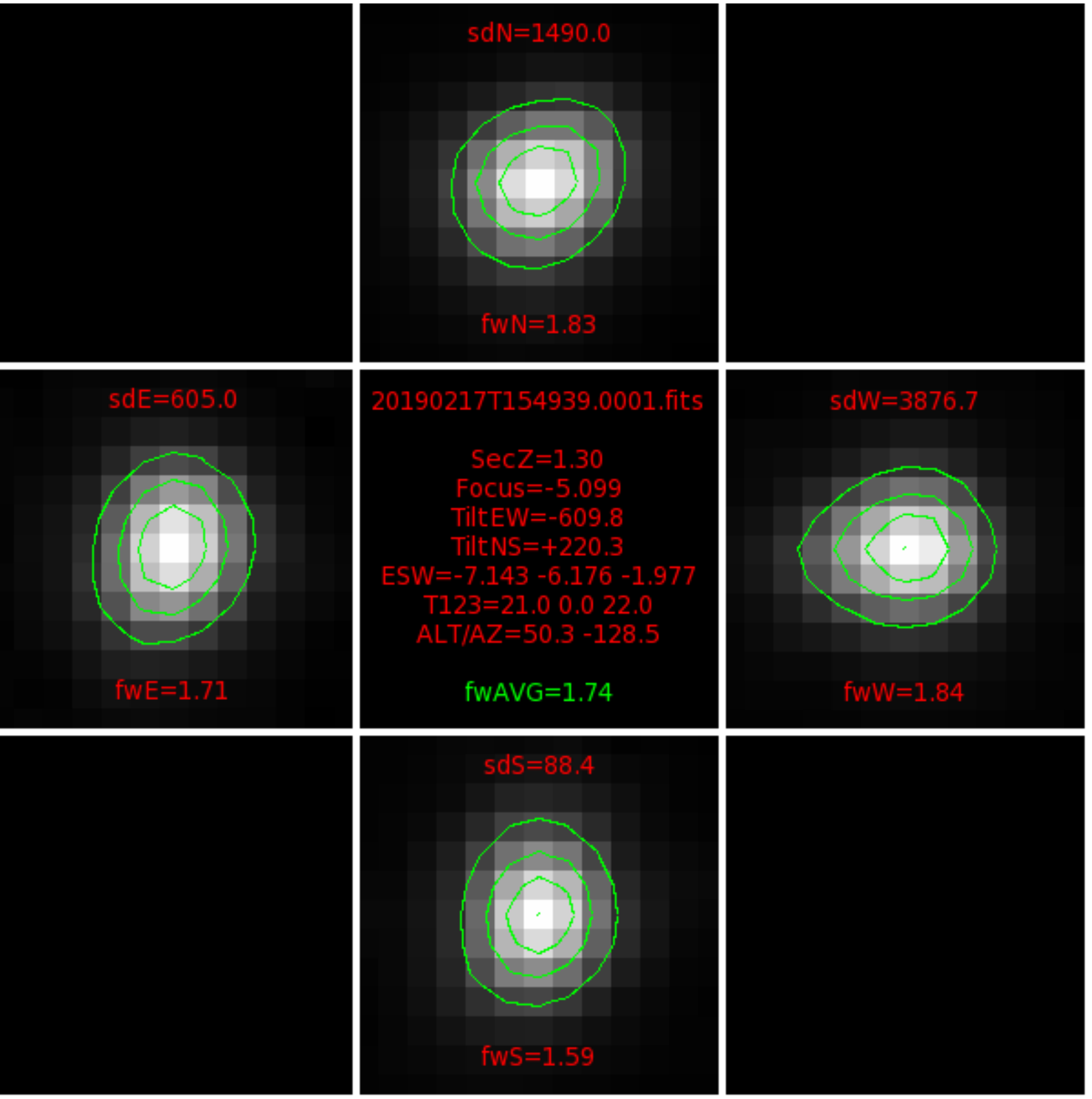
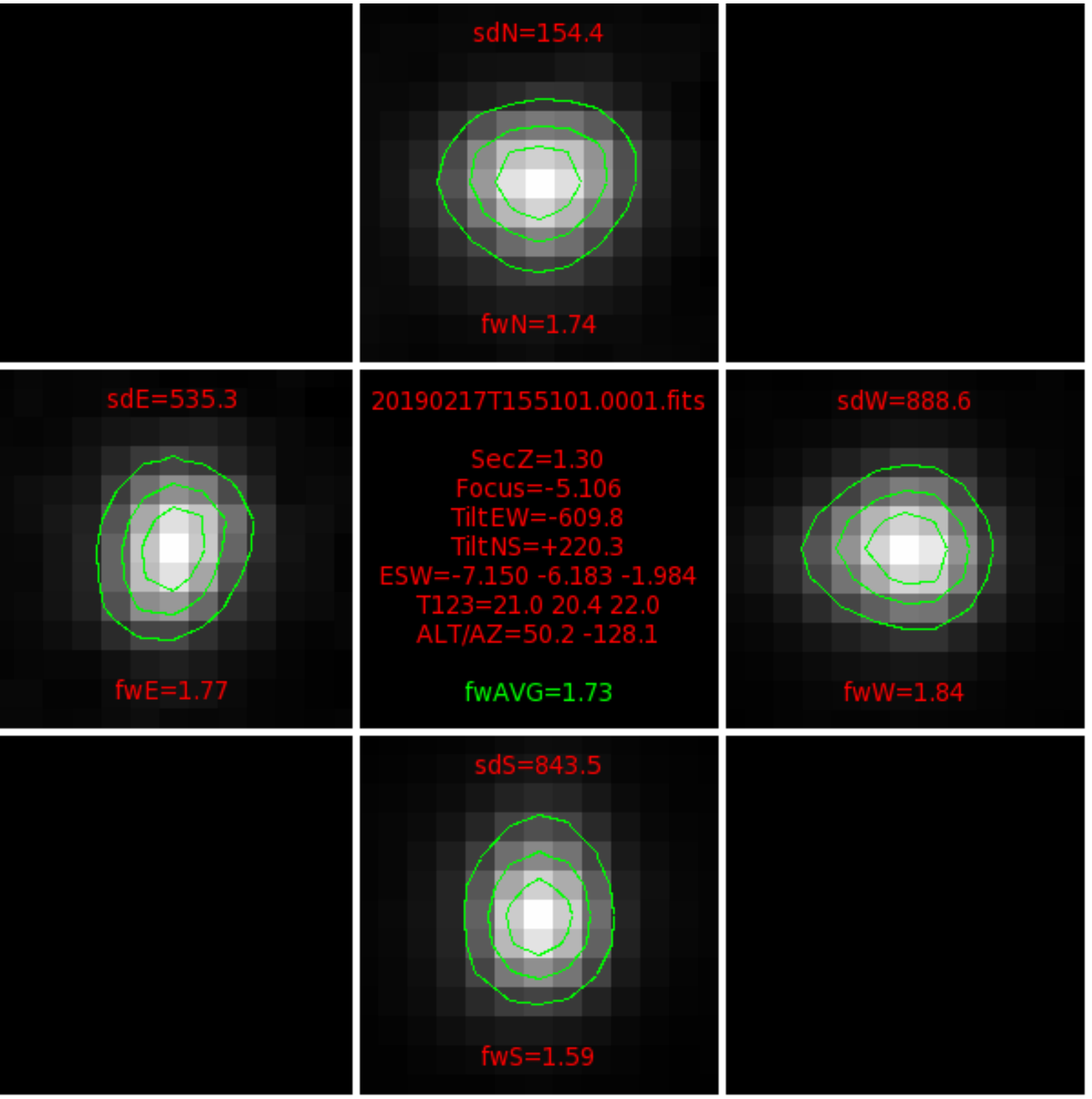
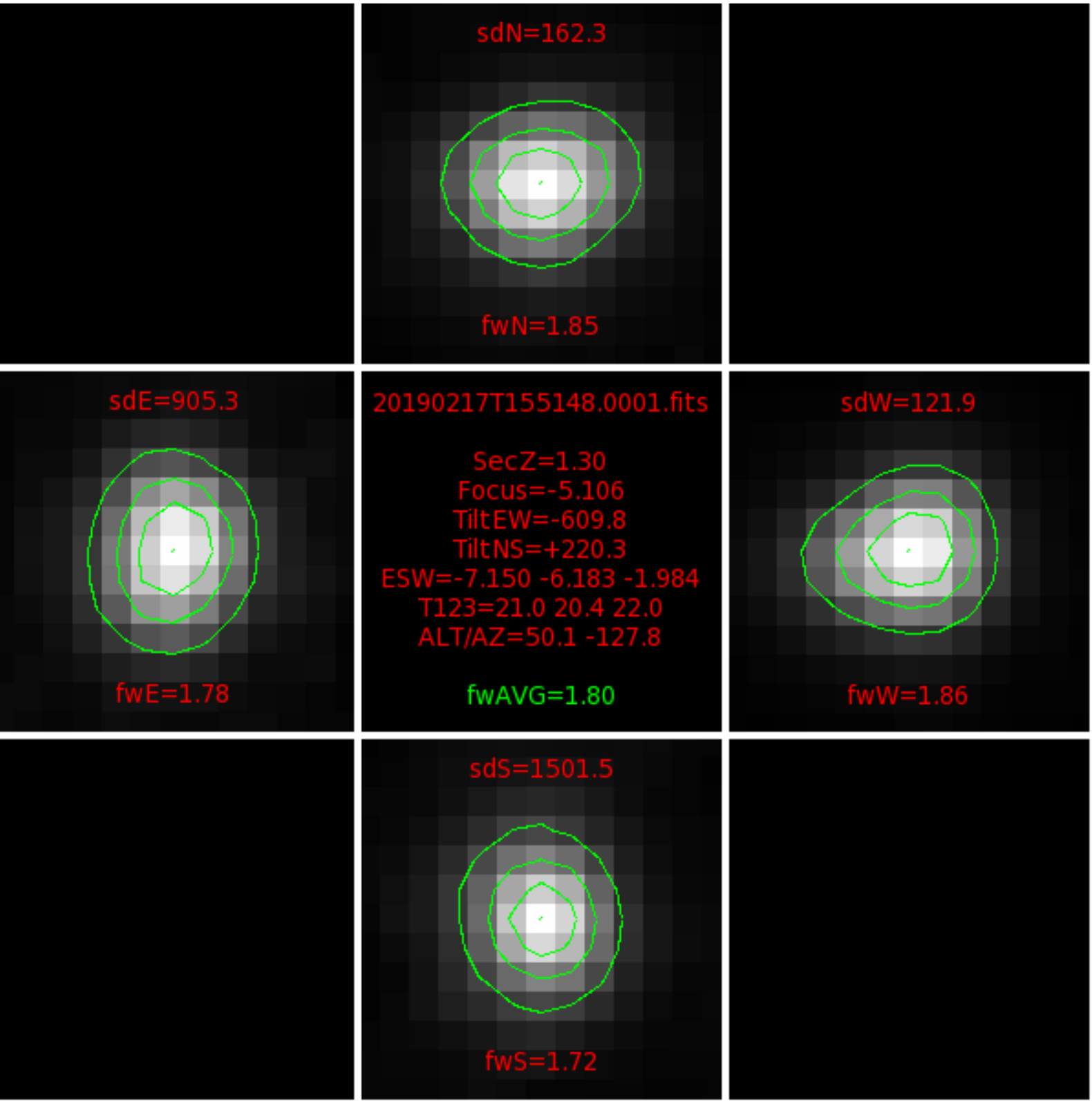

sdN=1490.0
fwN=1.83
sdE=605.0
fwE=1.71
20190217T154939.0001.fits
SecZ=1.30
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.0 0.0 22.0
ALT/AZ=50.3 -128.5
fwAVG=1.74
sdW=3876.7
fwW=1.84
sdS=88.4
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=154.4
fwN=1.74
sdE=535.3
fwE=1.77
20190217T155101.0001.fits
SecZ=1.30
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.0 20.4 22.0
ALT/AZ=50.2 -128.1
fwAVG=1.73
sdW=888.6
fwW=1.84
sdS=843.5
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=162.3
fwN=1.85
sdE=905.3
fwE=1.78
20190217T155148.0001.fits
SecZ=1.30
Focus=-5.106
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.150 -6.183 -1.984
T123=21.0 20.4 22.0
ALT/AZ=50.1 -127.8
fwAVG=1.80
sdW=121.9
fwW=1.86
sdS=1501.5
fwS=1.72
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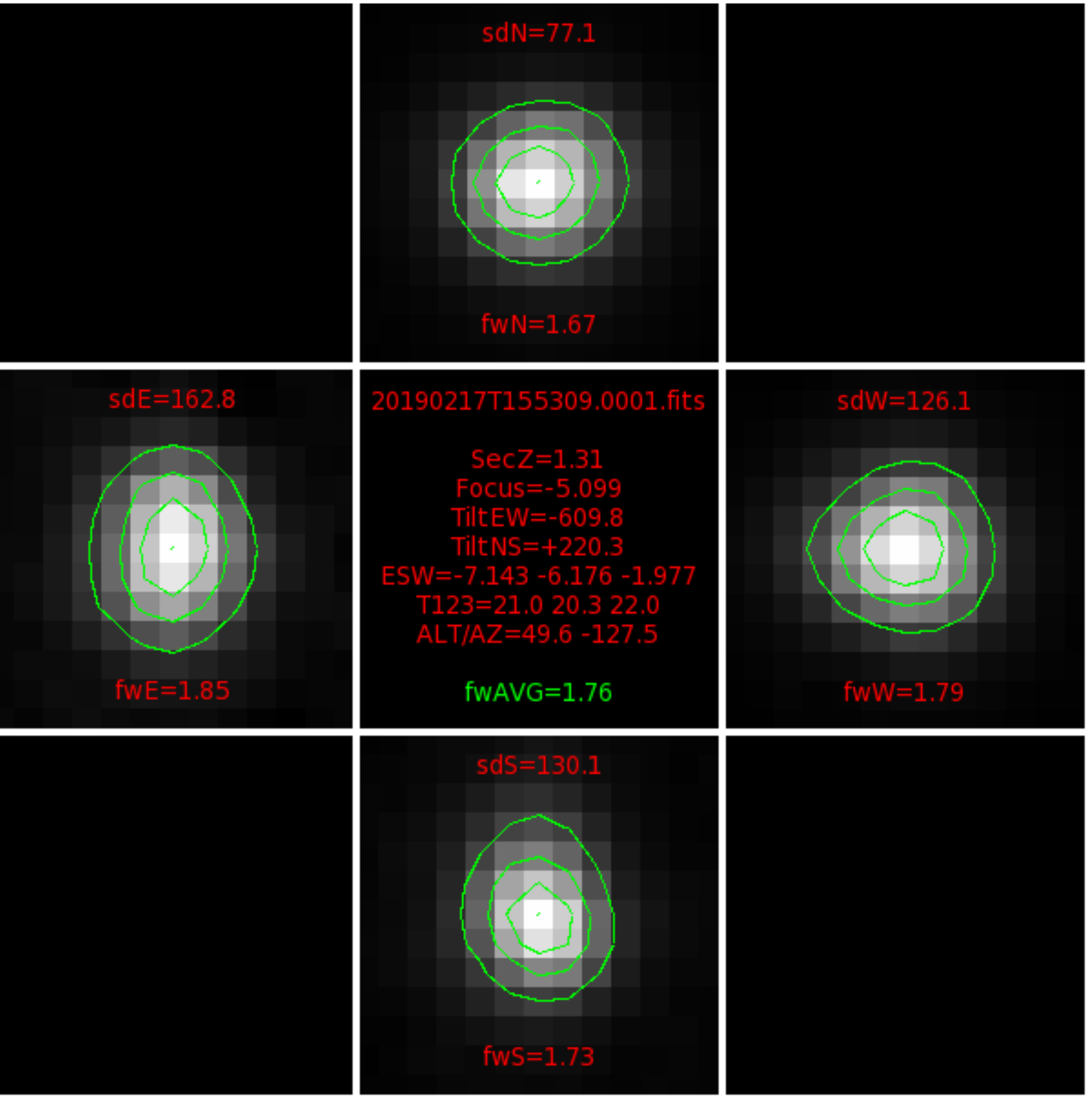
sdN=77.1
fwN=1.67
sdE=162.8
fwE=1.85
20190217T155309.0001.fits
SecZ=1.31
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.0 20.3 22.0
ALT/AZ=49.6 -127.5
fwAVG=1.76
sdW=126.1
fwW=1.79
sdS=130.1
fwS=1.73
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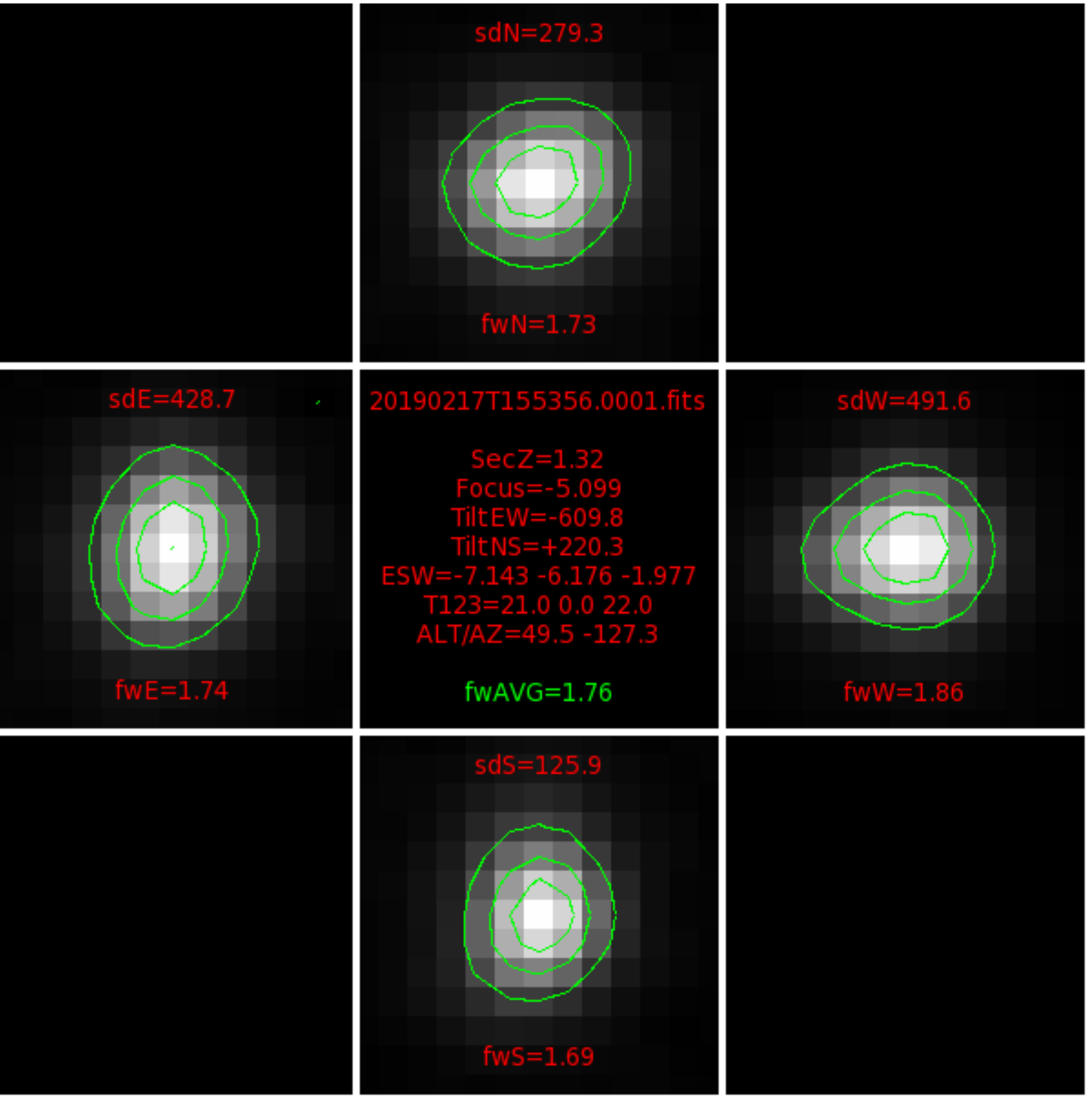
sdN=279.3
fwN=1.73
sdE=428.7
fwE=1.74
20190217T155356.0001.fits
SecZ=1.32
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.0 0.0 22.0
ALT/AZ=49.5 -127.3
fwAVG=1.76
sdW=491.6
fwW=1.86
sdS=125.9
fwS=1.69
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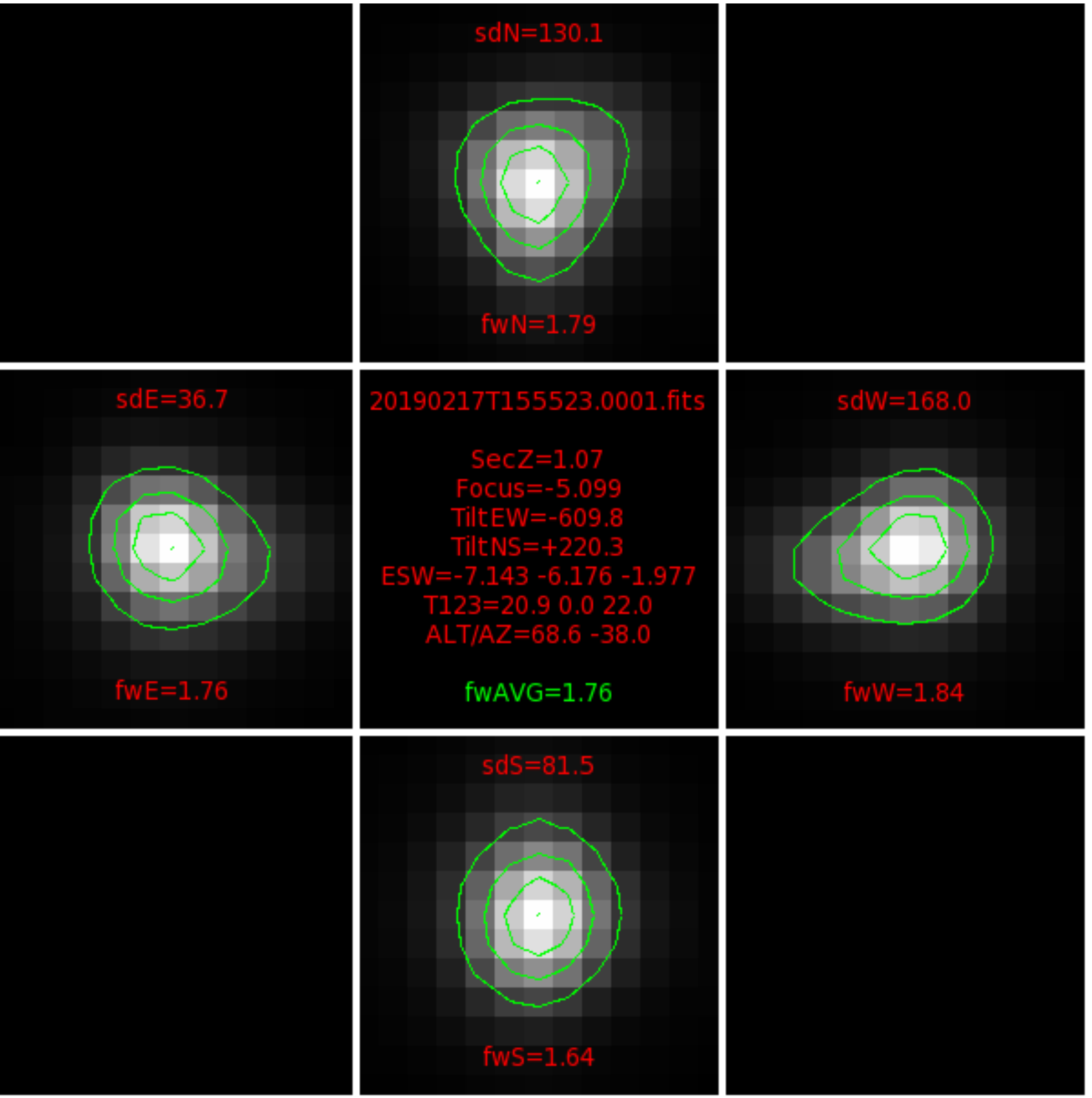
sdN=130.1
fwN=1.79
sdE=36.7
fwE=1.76
20190217T155523.0001.fits
SecZ=1.07
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=20.9 0.0 22.0
ALT/AZ=68.6 -38.0
fwAVG=1.76
sdW=168.0
fwW=1.84
sdS=81.5
fwS=1.64
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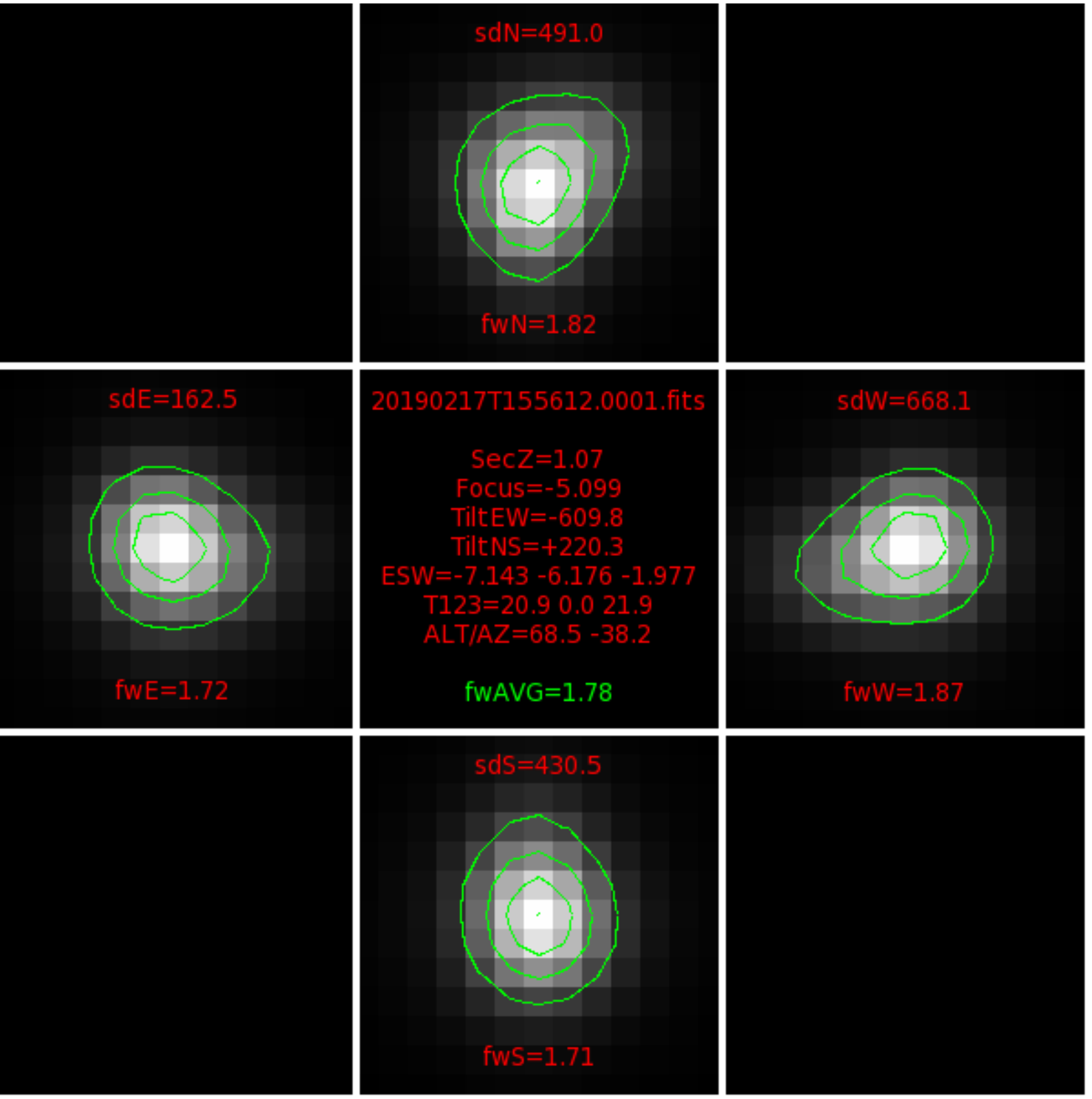
sdN=491.0
fwN=1.82
sdE=162.5
fwE=1.72
20190217T155612.0001.fits
SecZ=1.07
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=20.9 0.0 21.9
ALT/AZ=68.5 -38.2
fwAVG=1.78
sdW=668.1
fwW=1.87
sdS=430.5
fwS=1.71
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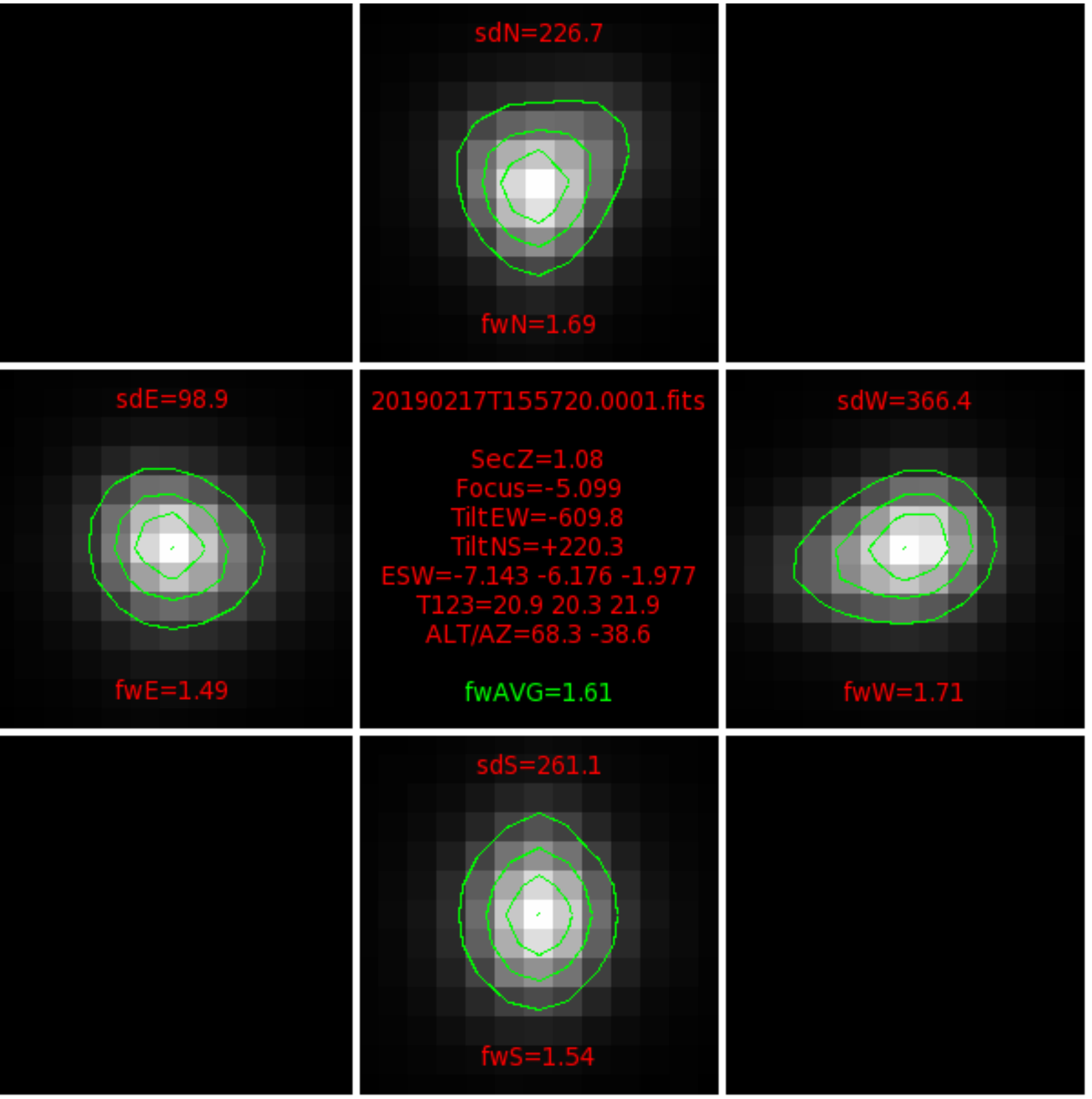
sdN=226.7
fwN=1.69
sdE=98.9
fwE=1.49
20190217T155720.0001.fits
SecZ=1.08
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=20.9 20.3 21.9
ALT/AZ=68.3 -38.6
fwAVG=1.61
sdW=366.4
fwW=1.71
sdS=261.1
fwS=1.54
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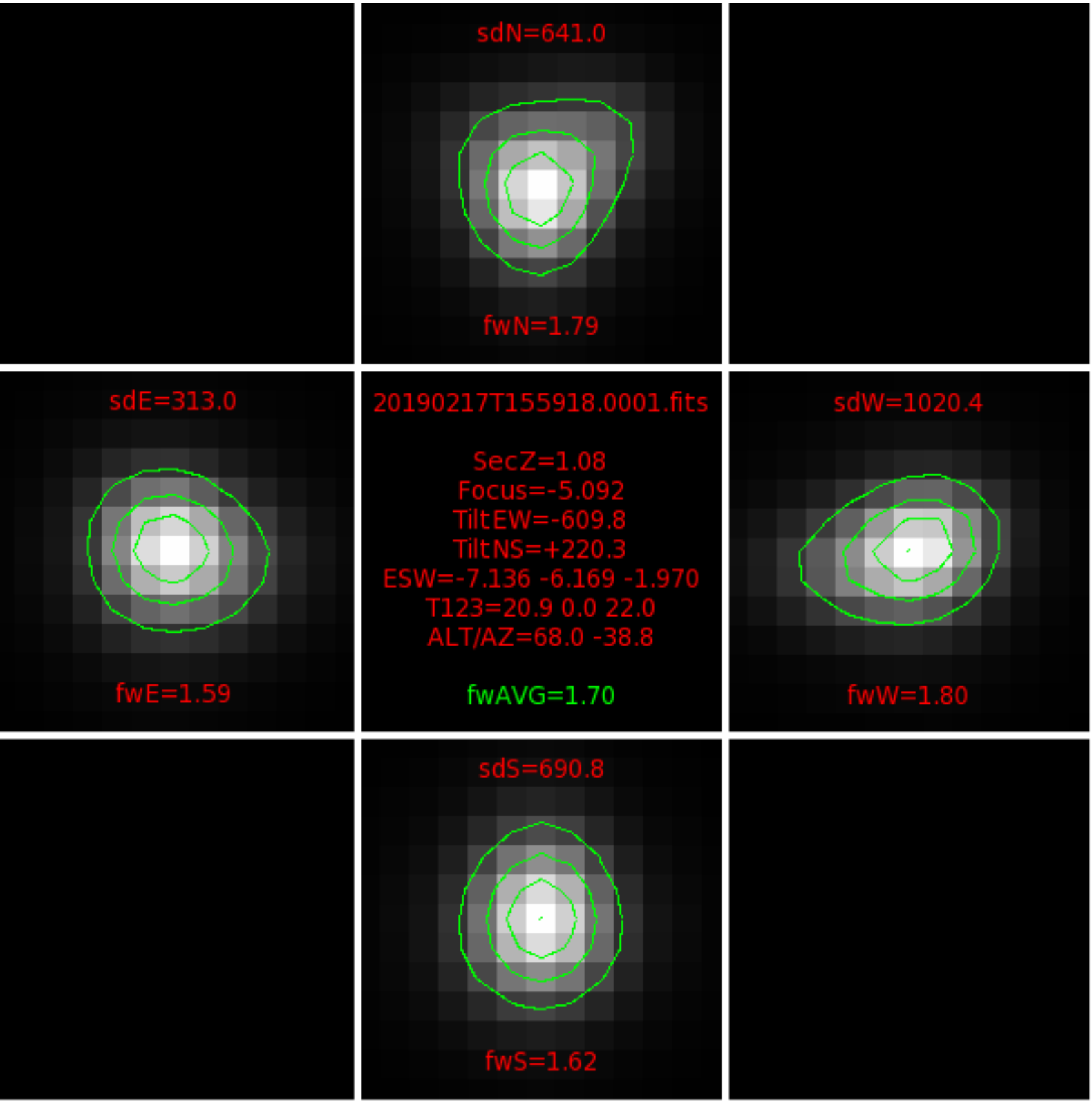
sdN=641.0
fwN=1.79
sdE=313.0
fwE=1.59
20190217T155918.0001.fits
SecZ=1.08
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.9 0.0 22.0
ALT/AZ=68.0 -38.8
fwAVG=1.70
sdW=1020.4
fwW=1.80
sdS=690.8
fwS=1.62
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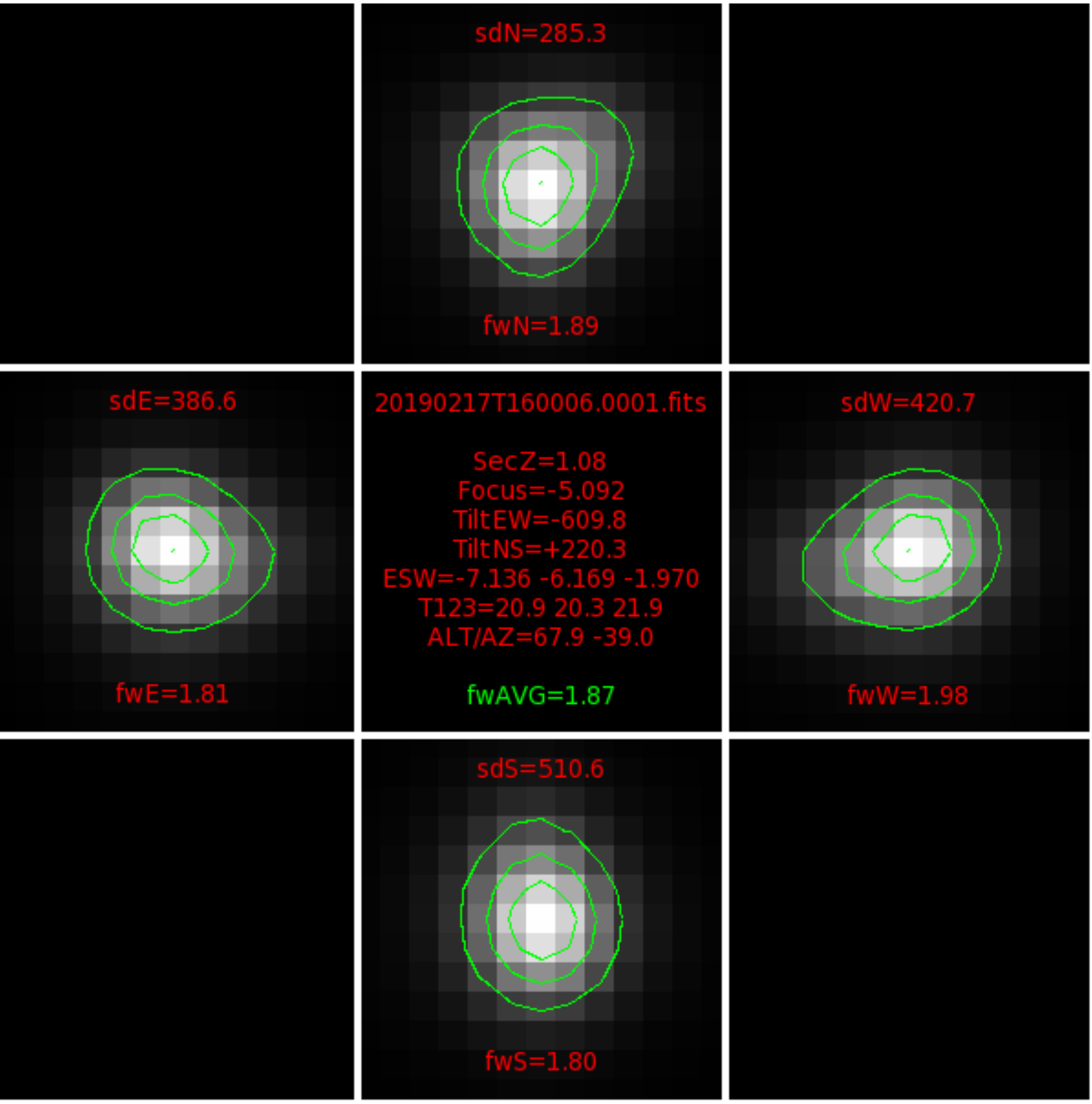
sdN=285.3
fwN=1.89
sdE=386.6
fwE=1.81
20190217T160006.0001.fits
SecZ=1.08
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.9 20.3 21.9
ALT/AZ=67.9 -39.0
fwAVG=1.87
sdW=420.7
fwW=1.98
sdS=510.6
fwS=1.80
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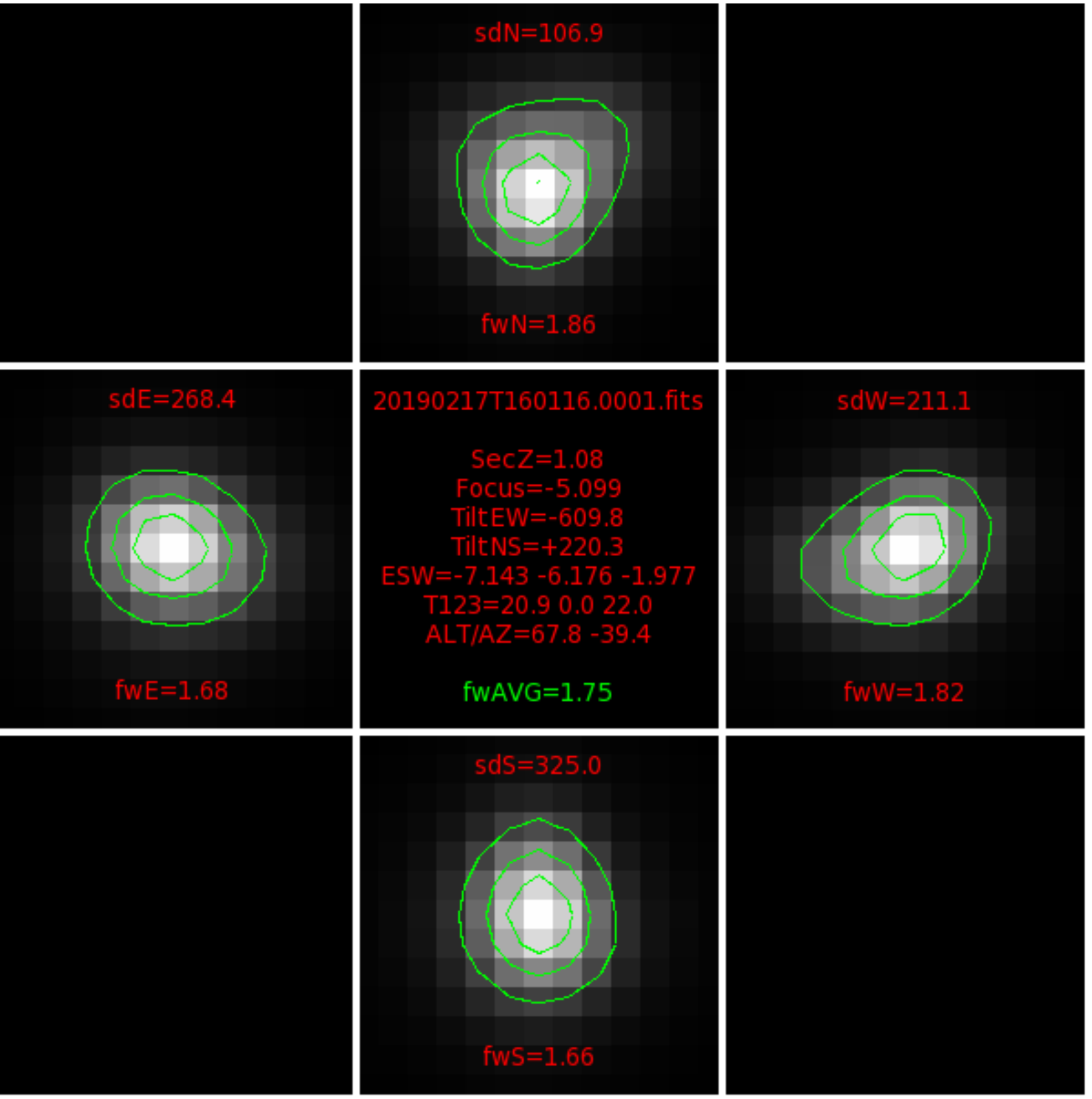
sdN=106.9
fwN=1.86
sdE=268.4
fwE=1.68
20190217T160116.0001.fits
SecZ=1.08
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=20.9 0.0 22.0
ALT/AZ=67.8 -39.4
fwAVG=1.75
sdW=211.1
fwW=1.82
sdS=325.0
fwS=1.66
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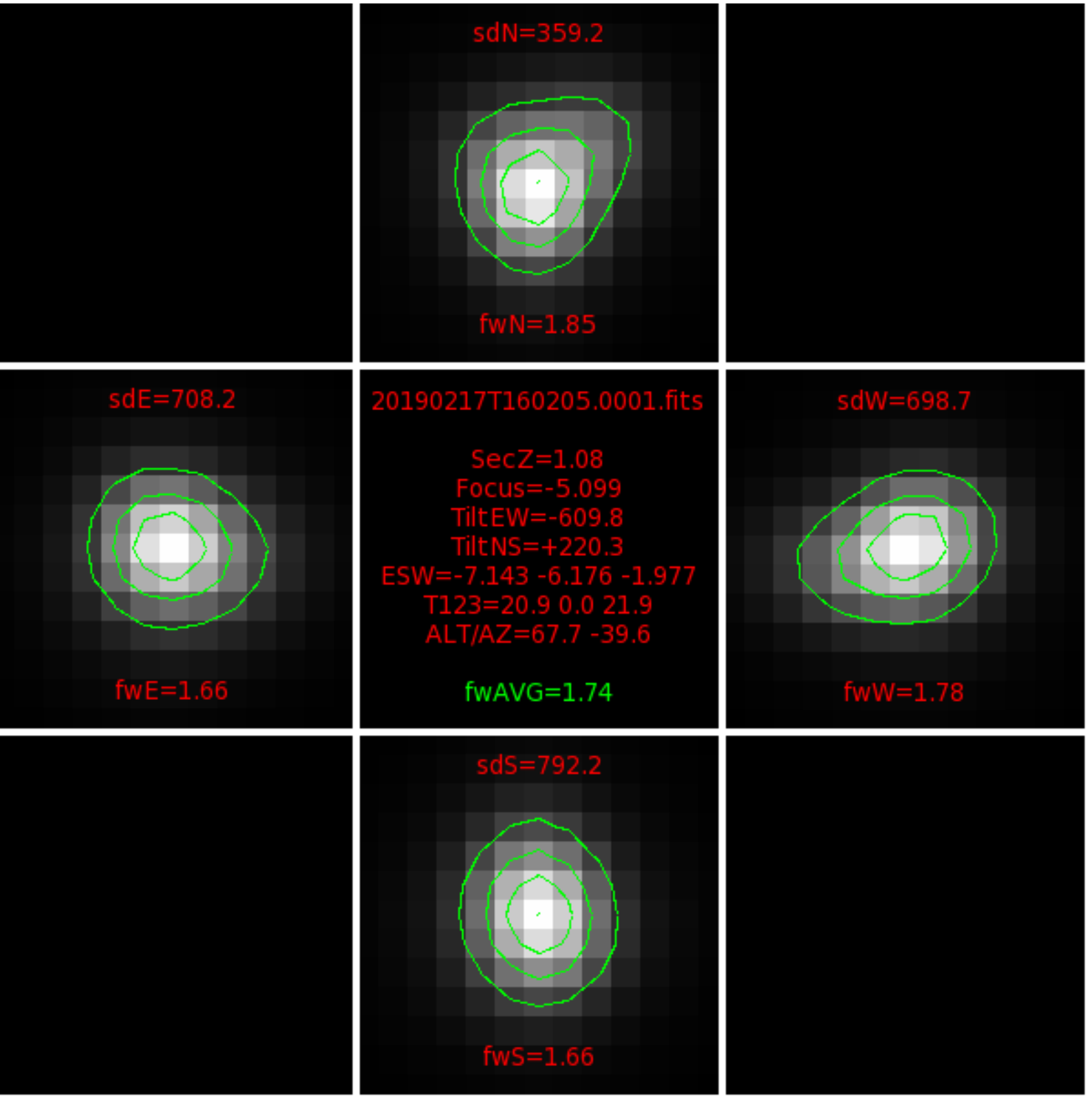
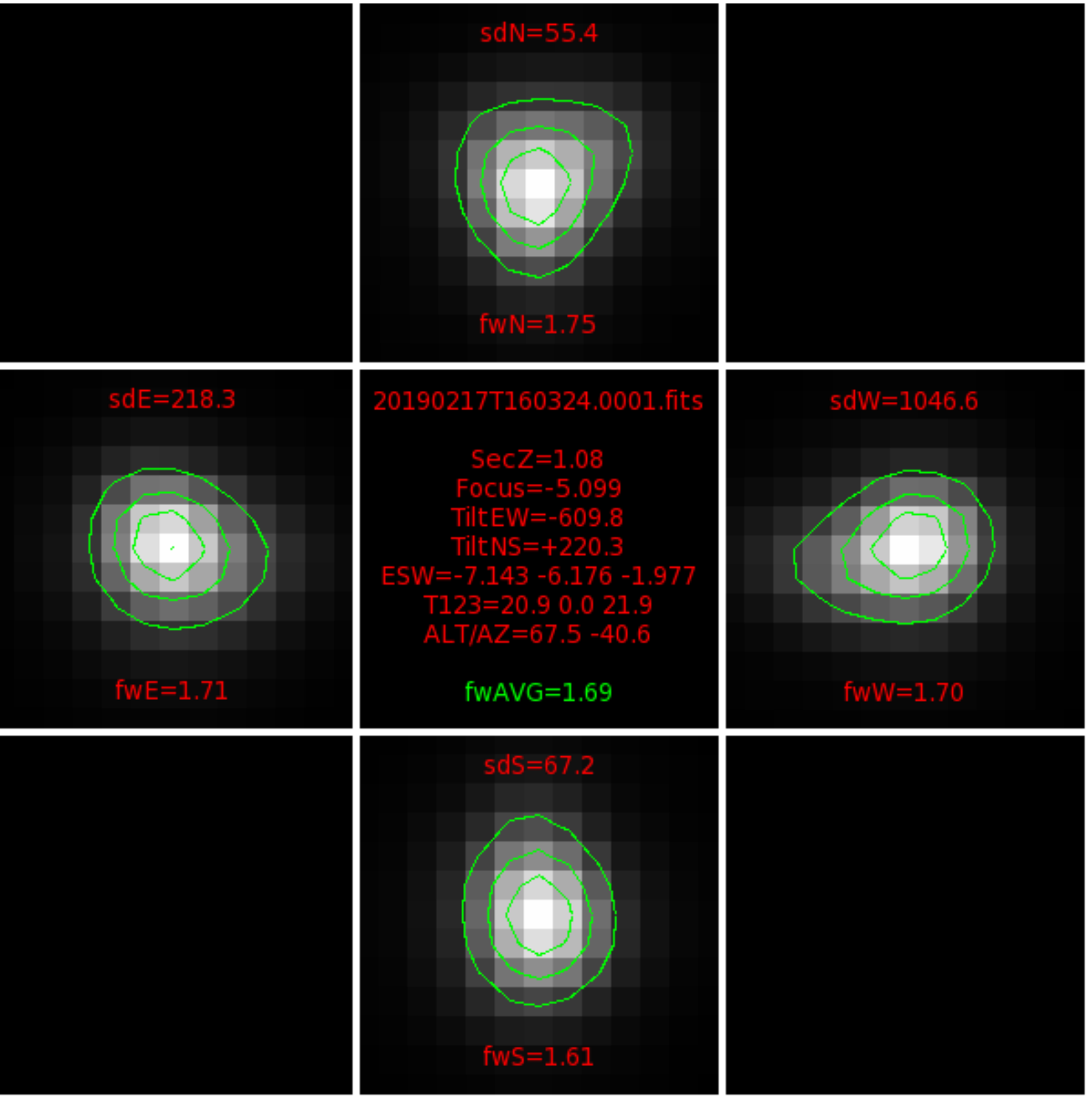
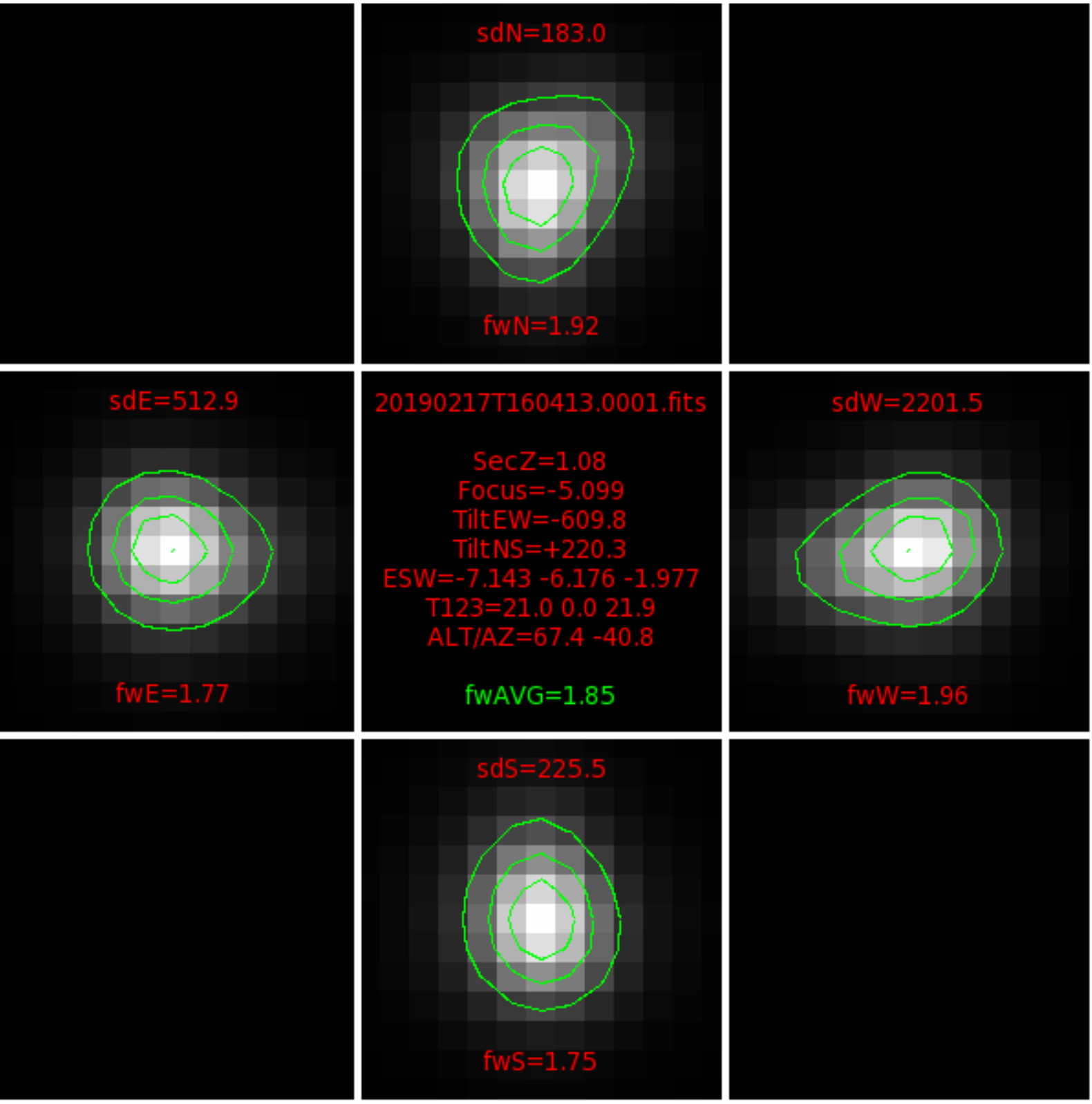
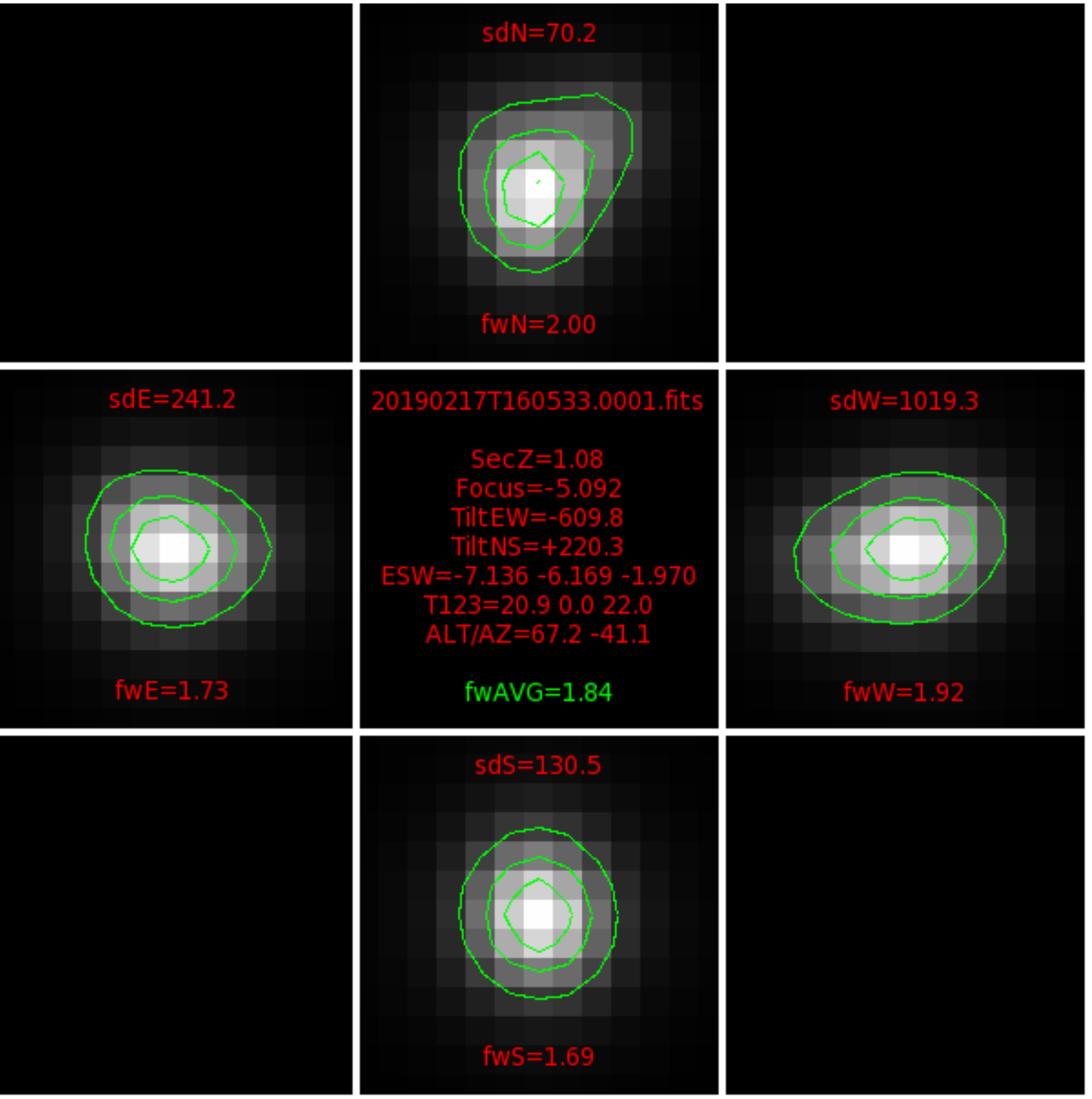
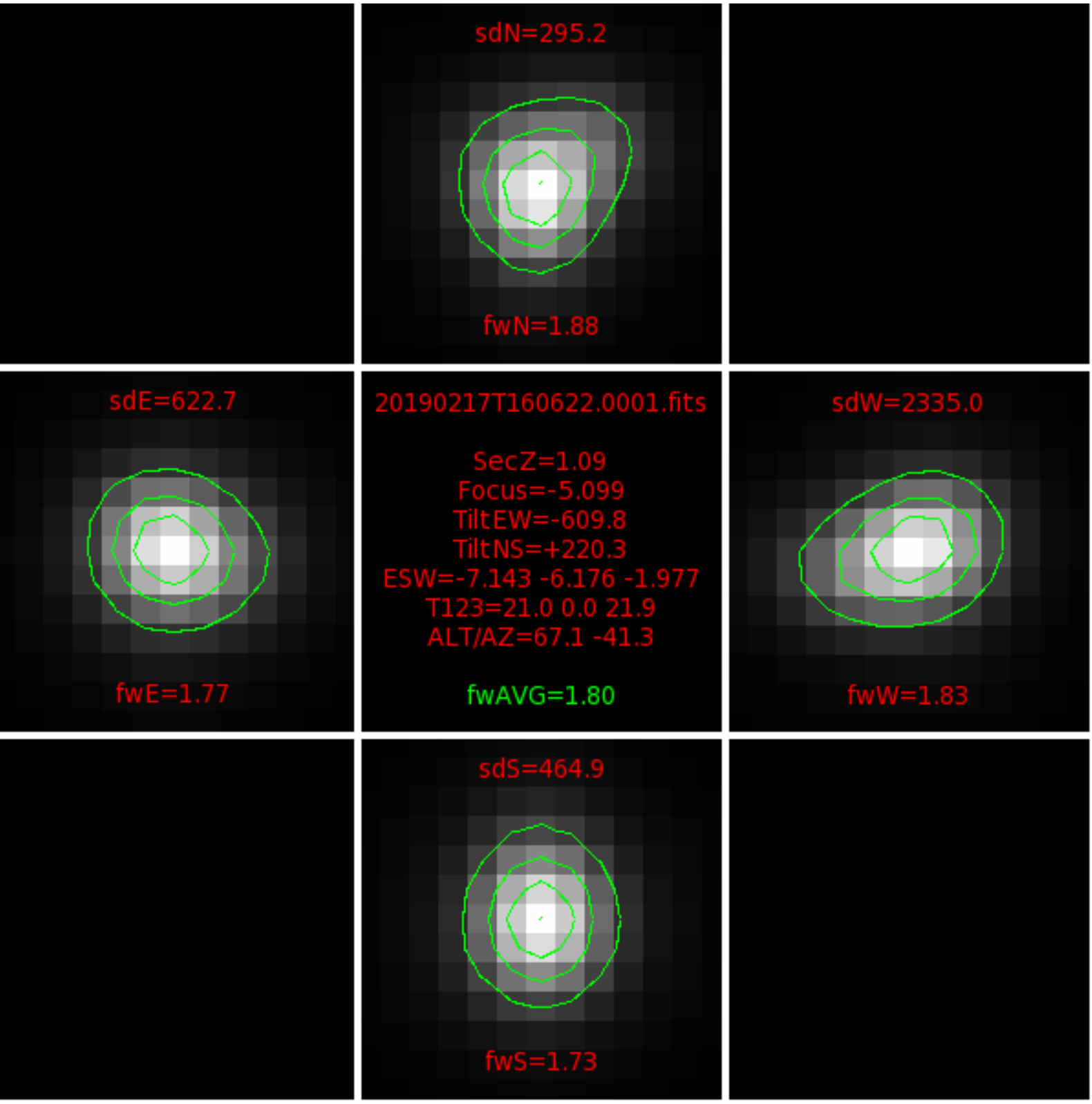

sdN=359.2
fwN=1.85
sdE=708.2
fwE=1.66
20190217T160205.0001.fits
SecZ=1.08
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=20.9 0.0 21.9
ALT/AZ=67.7 -39.6
fwAVG=1.74
sdW=698.7
fwW=1.78
sdS=792.2
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=55.4
fwN=1.75
sdE=218.3
fwE=1.71
20190217T160324.0001.fits
SecZ=1.08
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=20.9 0.0 21.9
ALT/AZ=67.5 -40.6
fwAVG=1.69
sdW=1046.6
fwW=1.70
sdS=67.2
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=183.0
fwN=1.92
sdE=512.9
fwE=1.77
20190217T160413.0001.fits
SecZ=1.08
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.0 0.0 21.9
ALT/AZ=67.4 -40.8
fwAVG=1.85
sdW=2201.5
fwW=1.96
sdS=225.5
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=70.2
fwN=2.00
sdE=241.2
fwE=1.73
20190217T160533.0001.fits
SecZ=1.08
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.9 0.0 22.0
ALT/AZ=67.2 -41.1
fwAVG=1.84
sdW=1019.3
fwW=1.92
sdS=130.5
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=295.2
fwN=1.88
sdE=622.7
fwE=1.77
20190217T160622.0001.fits
SecZ=1.09
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.0 0.0 21.9
ALT/AZ=67.1 -41.3
fwAVG=1.80
sdW=2335.0
fwW=1.83
sdS=464.9
fwS=1.73
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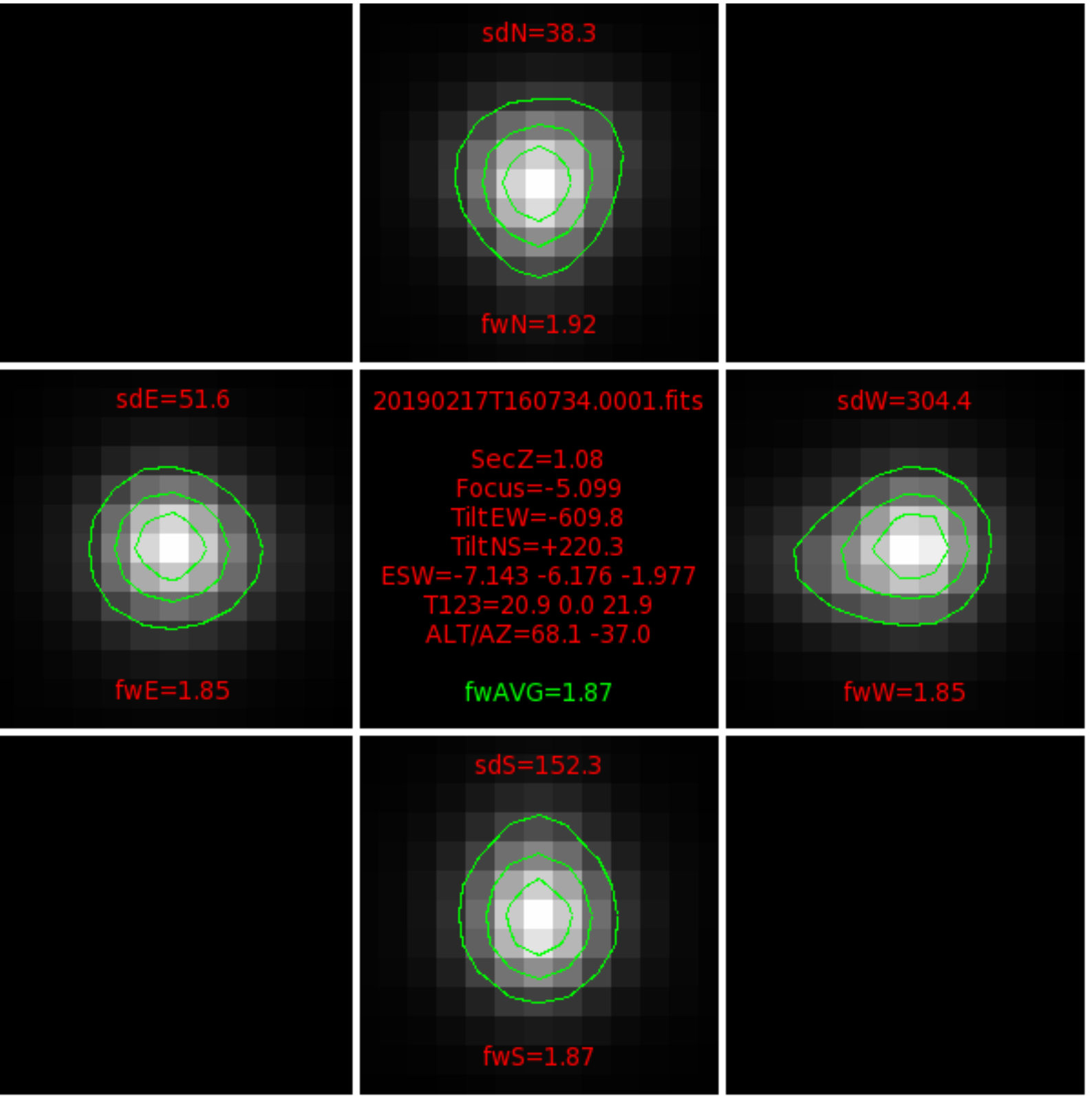
sdN=38.3
fwN=1.92
sdE=51.6
fwE=1.85
20190217T160734.0001.fits
SecZ=1.08
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=20.9 0.0 21.9
ALT/AZ=68.1 -37.0
fwAVG=1.87
sdW=304.4
fwW=1.85
sdS=152.3
fwS=1.87
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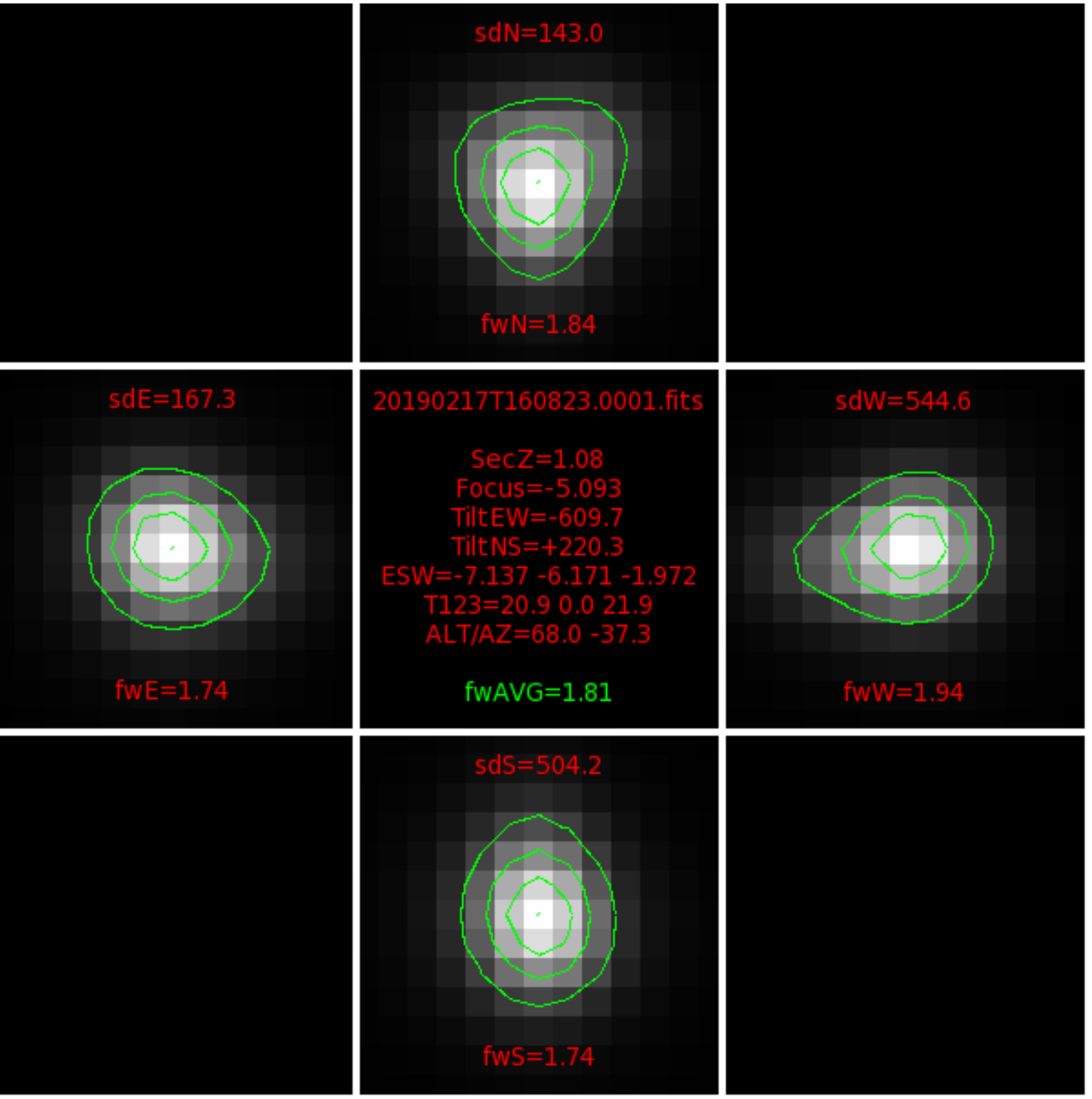
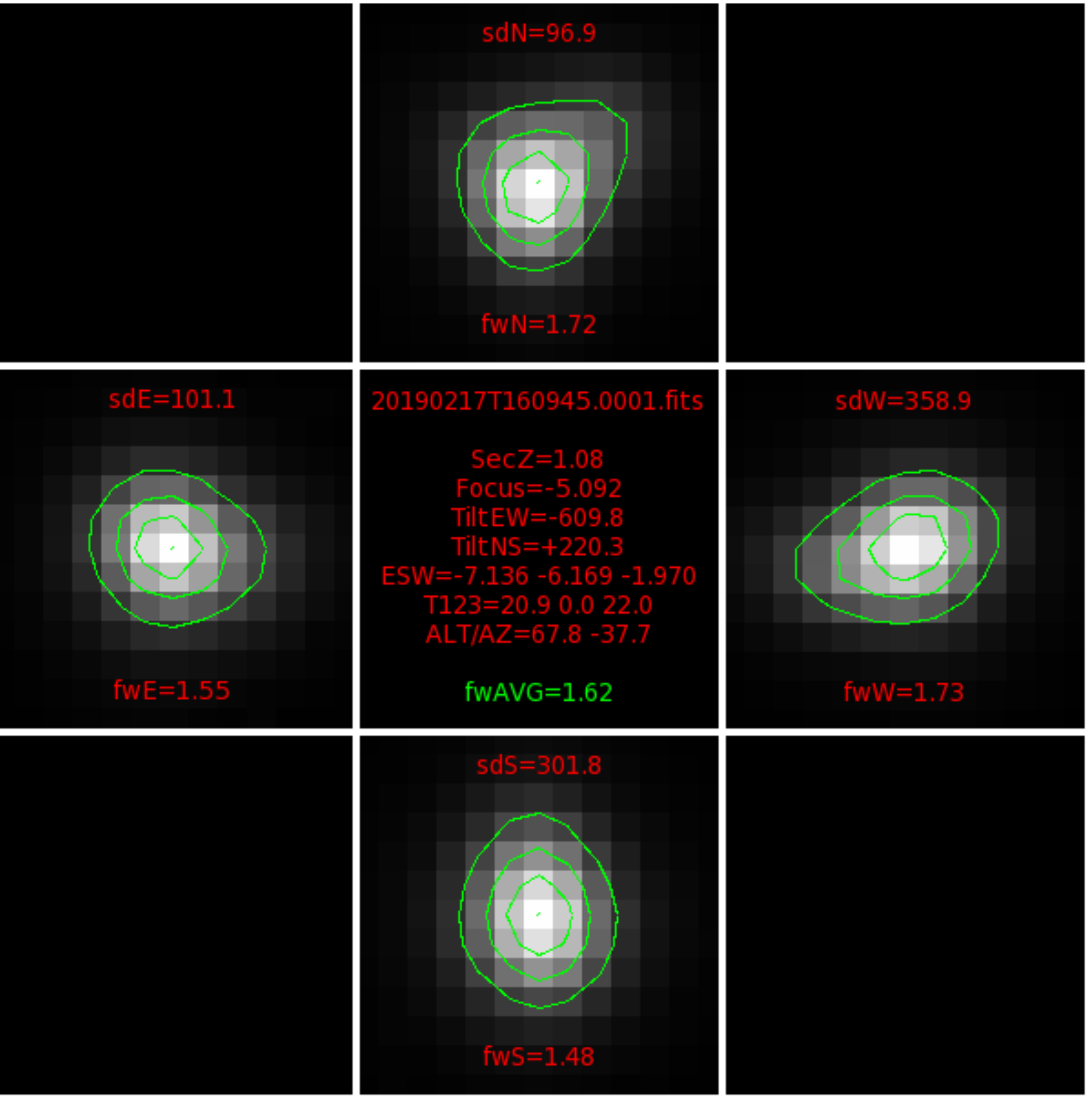

sdN=143.0
fwN=1.84
sdE=167.3
fwE=1.74
20190217T160823.0001.fits
SecZ=1.08
Focus=-5.093
TiltEW=-609.7
TiltNS=+220.3
ESW=-7.137 -6.171 -1.972
T123=20.9 0.0 21.9
ALT/AZ=68.0 -37.3
fwAVG=1.81
sdW=544.6
fwW=1.94
sdS=504.2
fwS=1.74
0 0 0 0 0 0 0 0 0


sdN=96.9
fwN=1.72
sdE=101.1
fwE=1.55
20190217T160945.0001.fits
SecZ=1.08
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.9 0.0 22.0
ALT/AZ=67.8 -37.7
fwAVG=1.62
sdW=358.9
fwW=1.73
sdS=301.8
fwS=1.48
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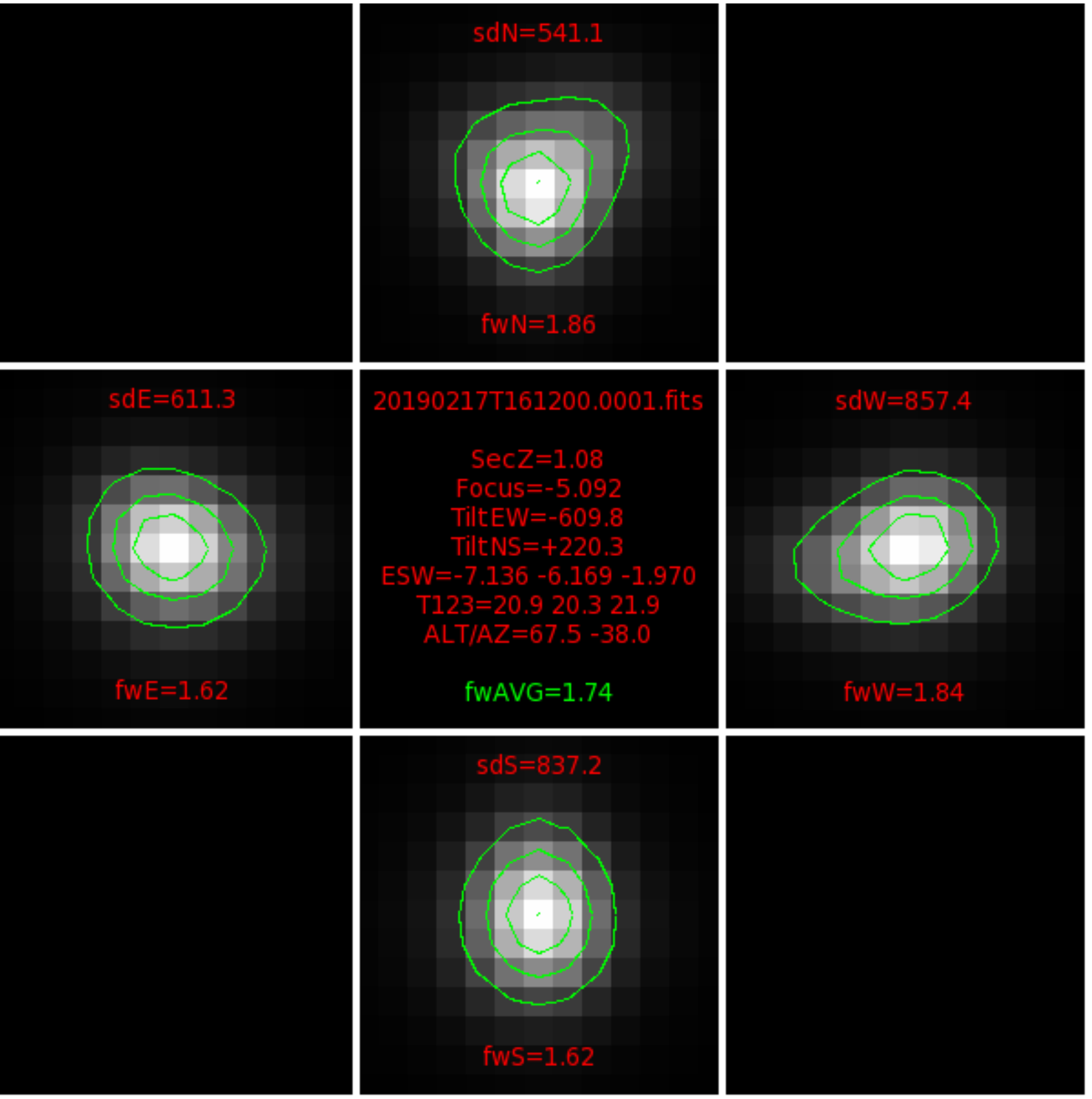
sdN=541.1
fwN=1.86
sdE=611.3
fwE=1.62
20190217T161200.0001.fits
SecZ=1.08
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.9 20.3 21.9
ALT/AZ=67.5 -38.0
fwAVG=1.74
sdW=857.4
fwW=1.84
sdS=837.2
fwS=1.62
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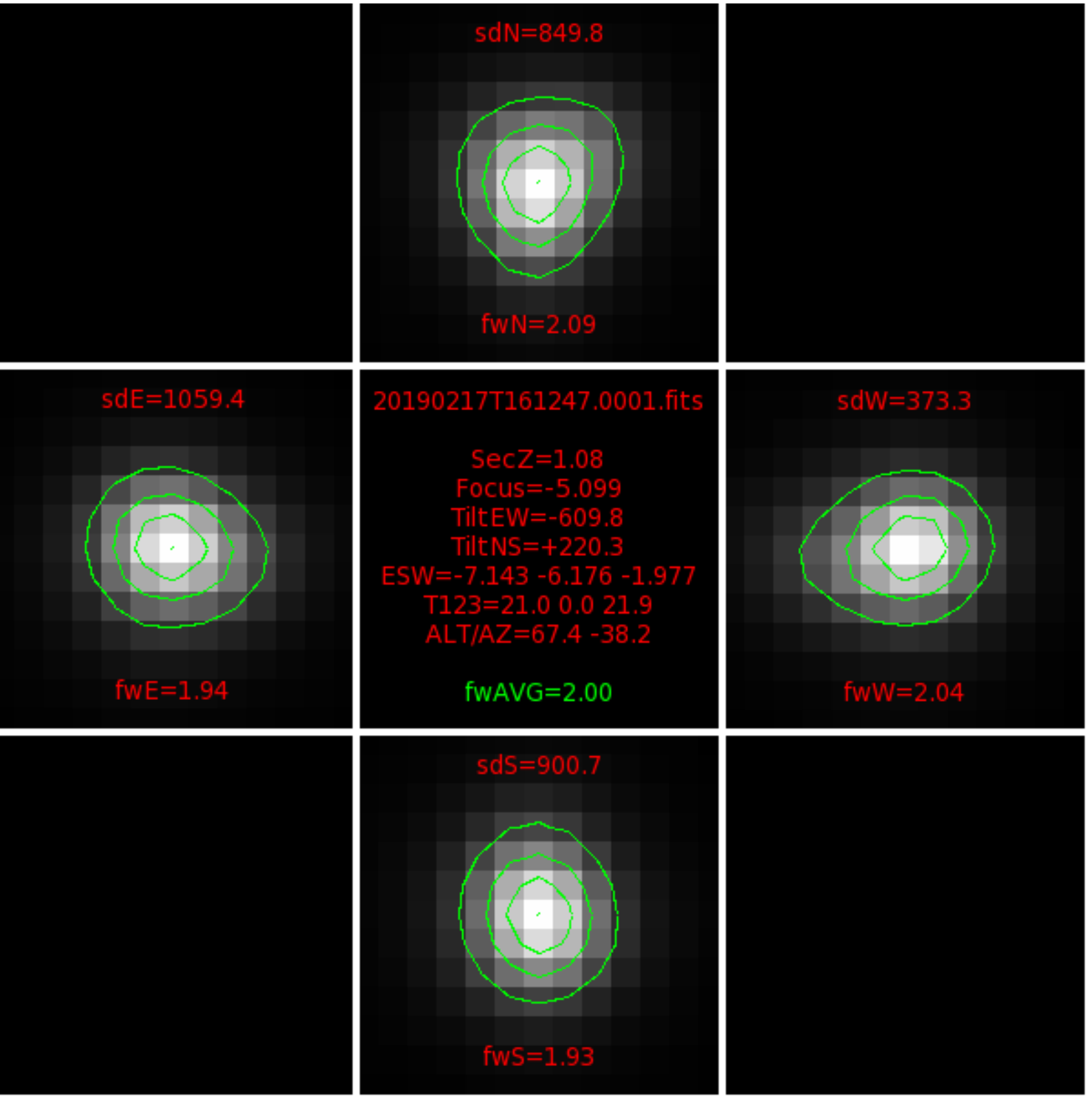
sdN=849.8
fwN=2.09
sdE=1059.4
fwE=1.94
20190217T161247.0001.fits
SecZ=1.08
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=21.0 0.0 21.9
ALT/AZ=67.4 -38.2
fwAVG=2.00
sdW=373.3
fwW=2.04
sdS=900.7
fwS=1.93
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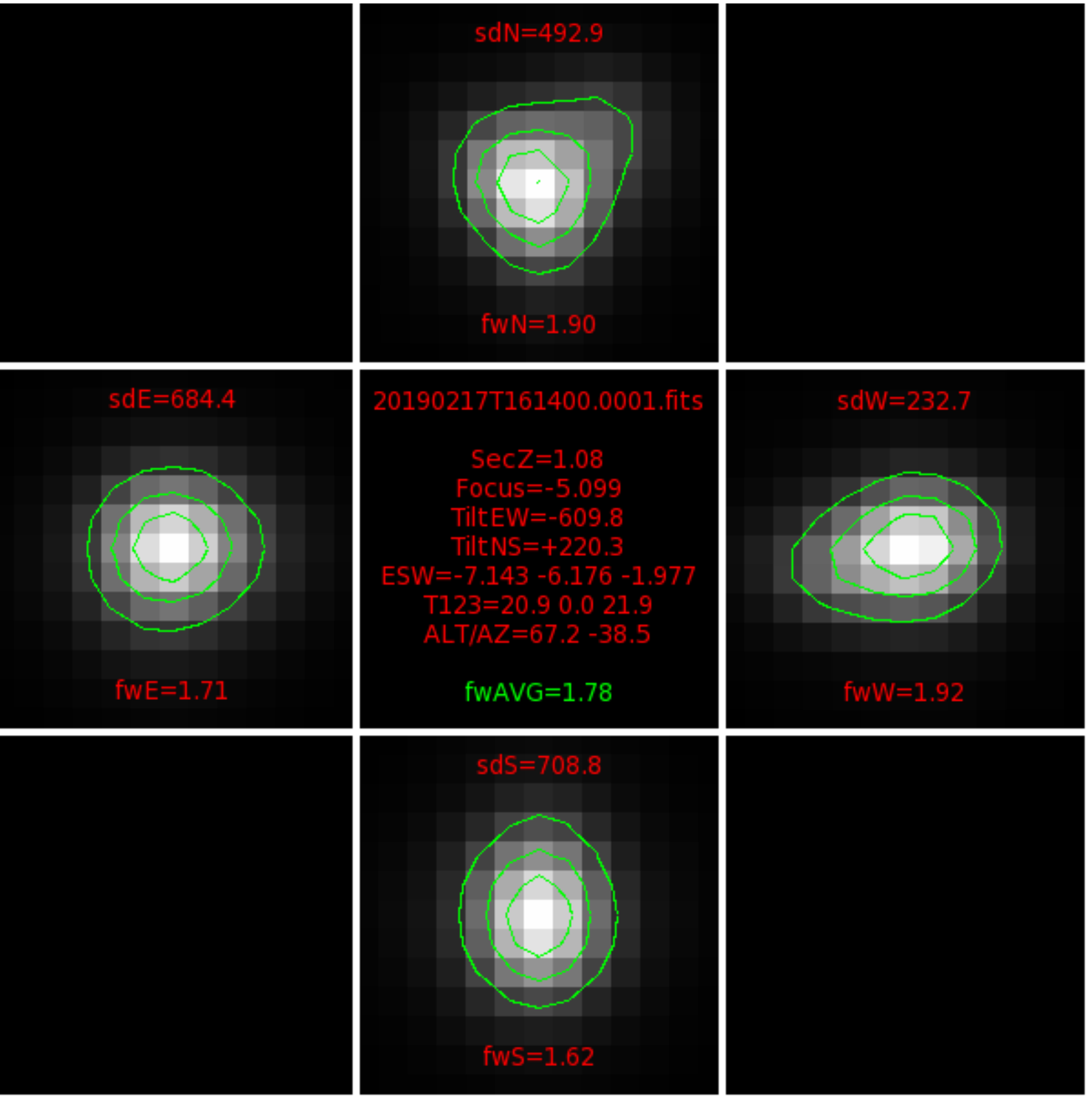
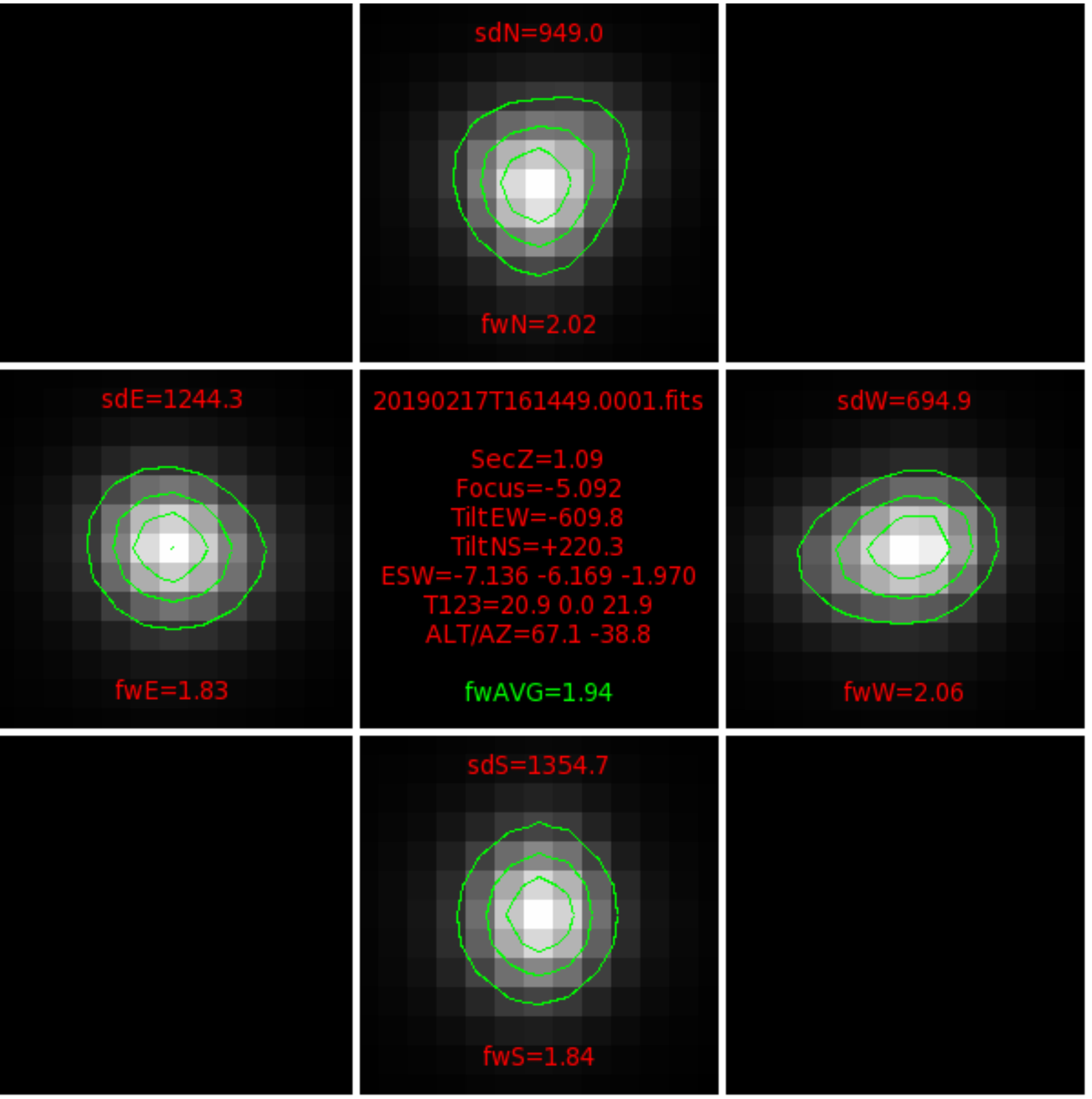

sdN=492.9
fwN=1.90
sdE=684.4
fwE=1.71
20190217T161400.0001.fits
SecZ=1.08
Focus=-5.099
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.143 -6.176 -1.977
T123=20.9 0.0 21.9
ALT/AZ=67.2 -38.5
fwAVG=1.78
sdW=232.7
fwW=1.92
sdS=708.8
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=949.0
fwN=2.02
sdE=1244.3
fwE=1.83
20190217T161449.0001.fits
SecZ=1.09
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.9 0.0 21.9
ALT/AZ=67.1 -38.8
fwAVG=1.94
sdW=694.9
fwW=2.06
sdS=1354.7
fwS=1.84
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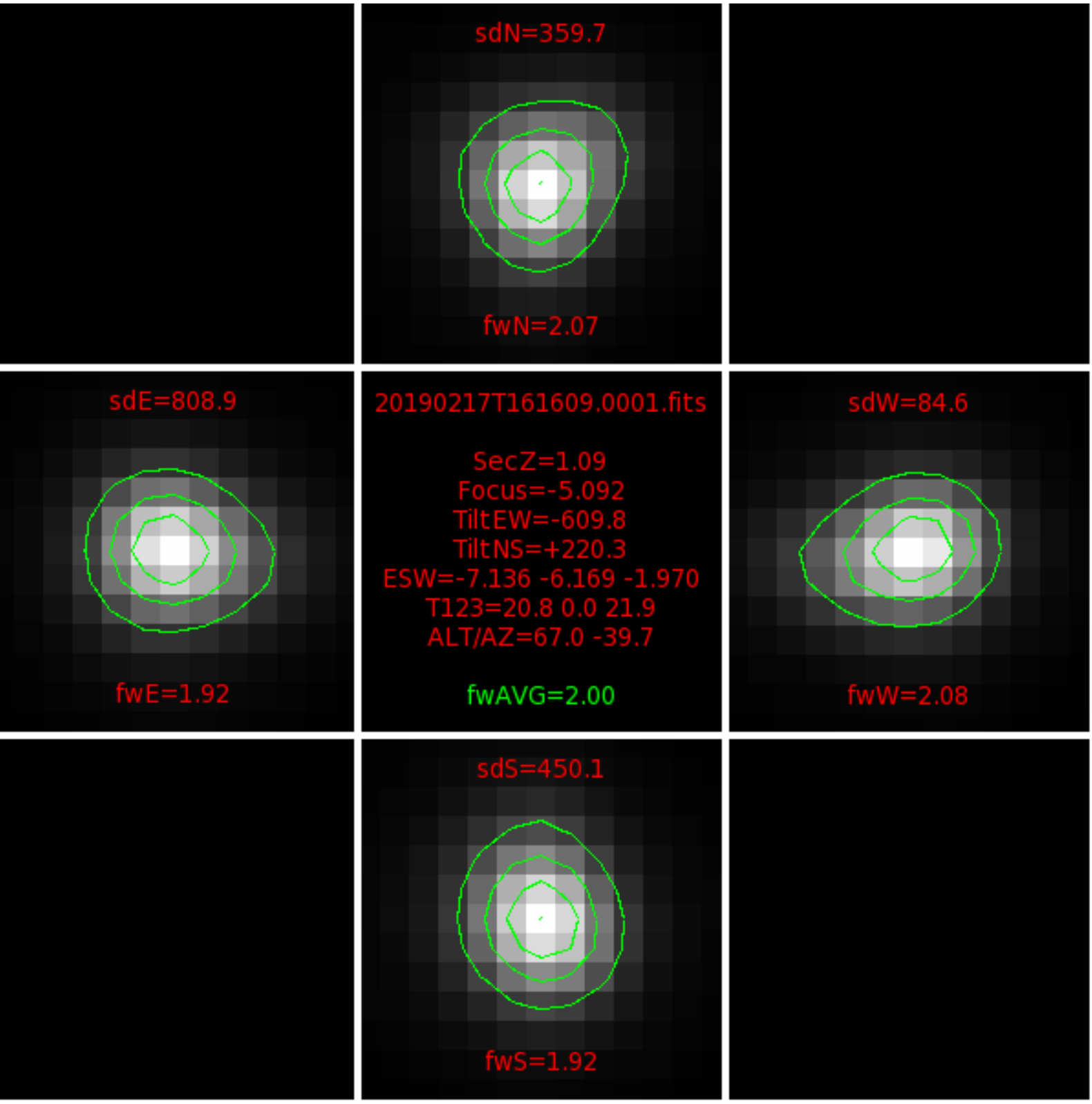
sdN=359.7
fwN=2.07
sdE=808.9
fwE=1.92
20190217T161609.0001.fits
SecZ=1.09
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.8 0.0 21.9
ALT/AZ=67.0 -39.7
fwAVG=2.00
sdW=84.6
fwW=2.08
sdS=450.1
fwS=1.92
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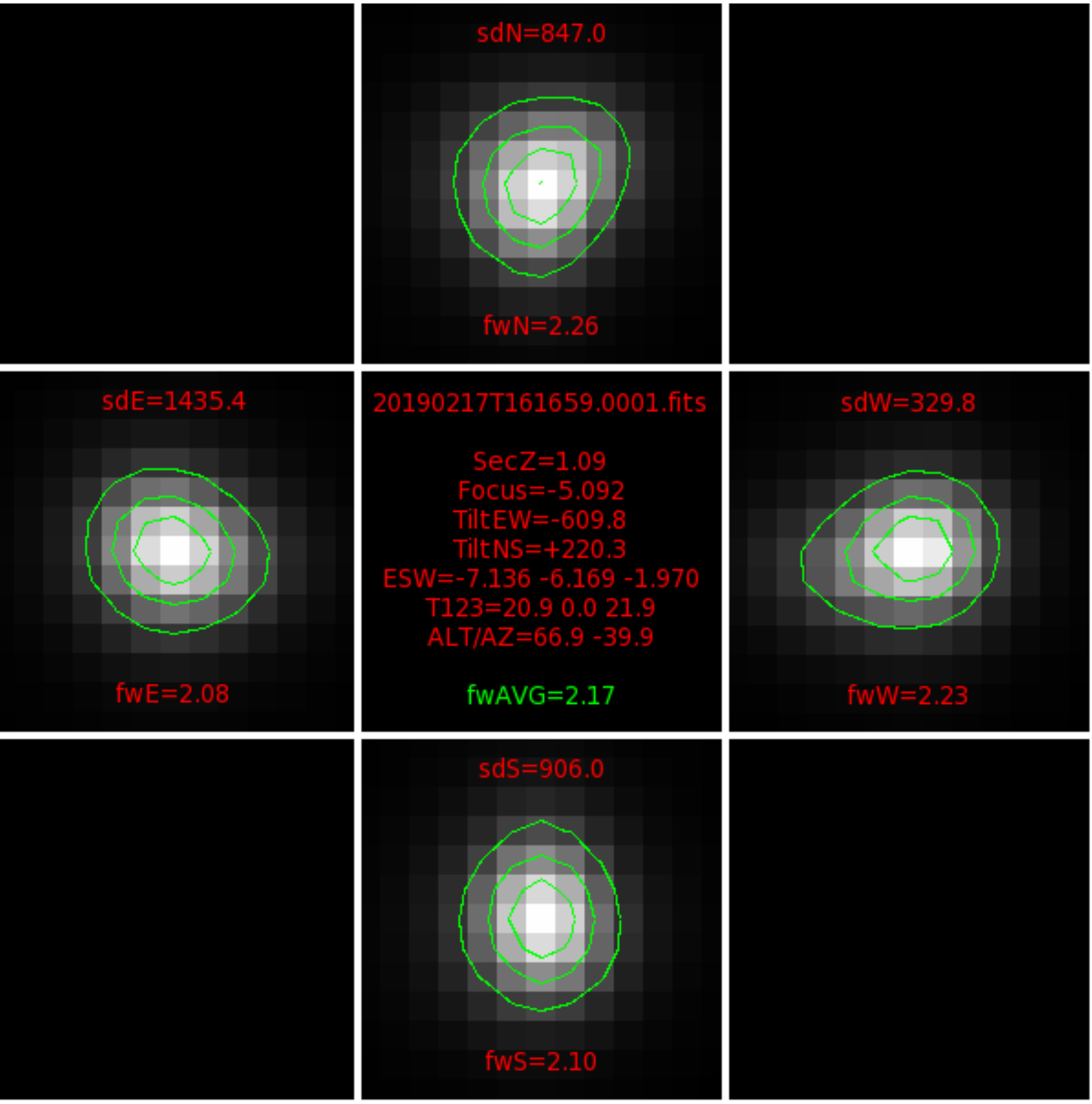
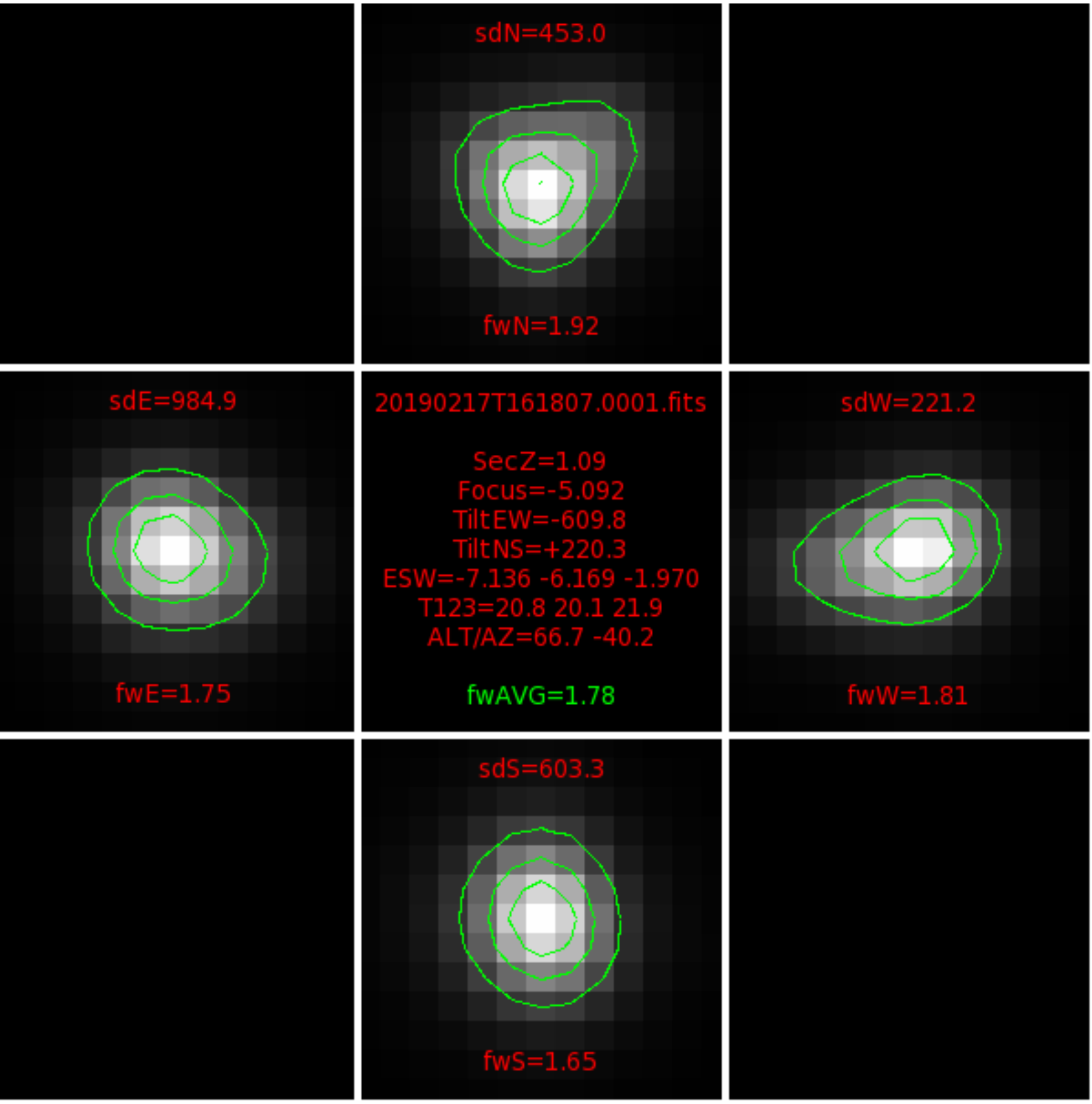

sdN=847.0
fwN=2.26
sdE=1435.4
fwE=2.08
20190217T161659.0001.fits
SecZ=1.09
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.9 0.0 21.9
ALT/AZ=66.9 -39.9
fwAVG=2.17
sdW=329.8
fwW=2.23
sdS=906.0
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=453.0
fwN=1.92
sdE=984.9
fwE=1.75
20190217T161807.0001.fits
SecZ=1.09
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.8 20.1 21.9
ALT/AZ=66.7 -40.2
fwAVG=1.78
sdW=221.2
fwW=1.81
sdS=603.3
fwS=1.65
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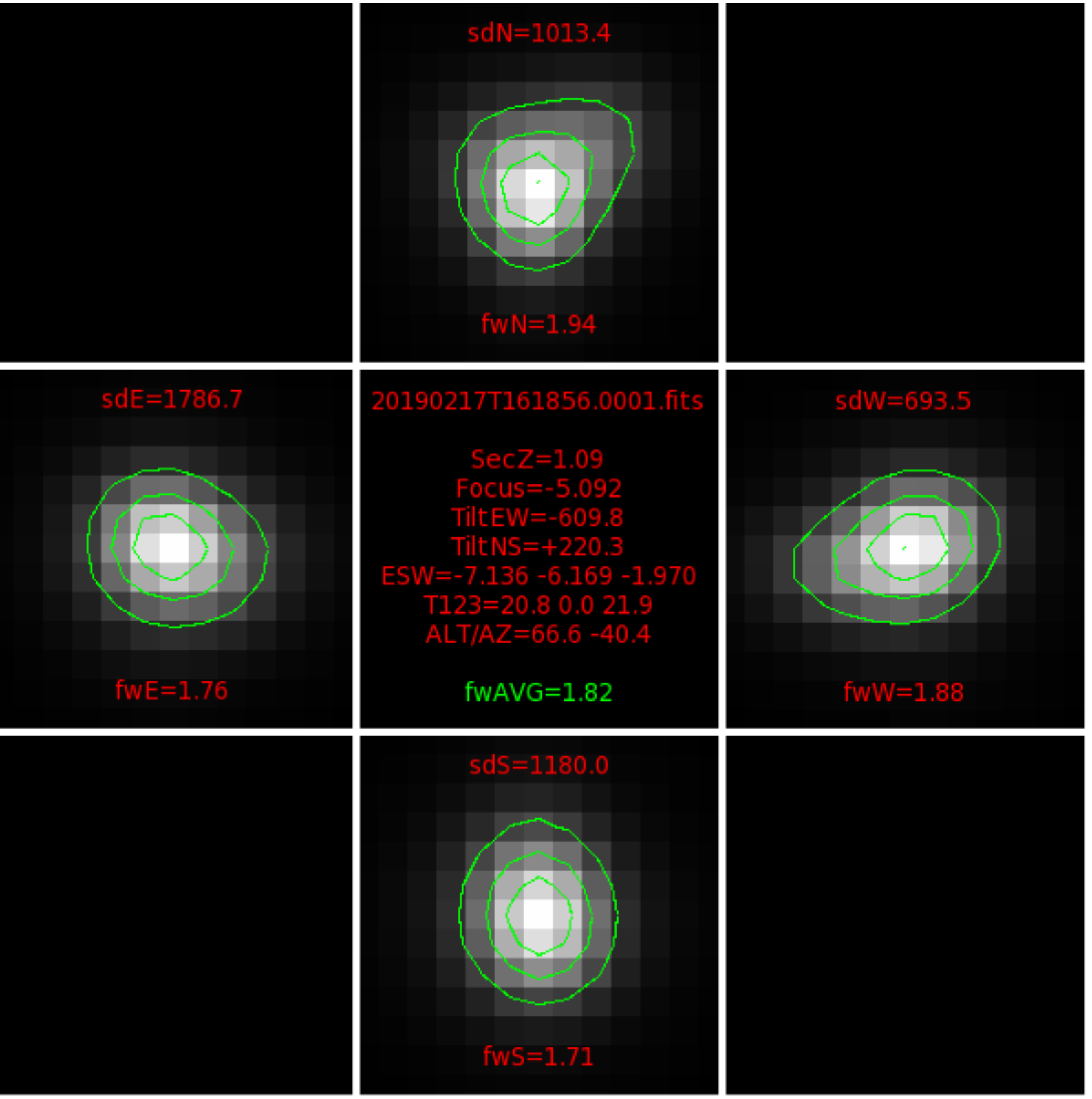
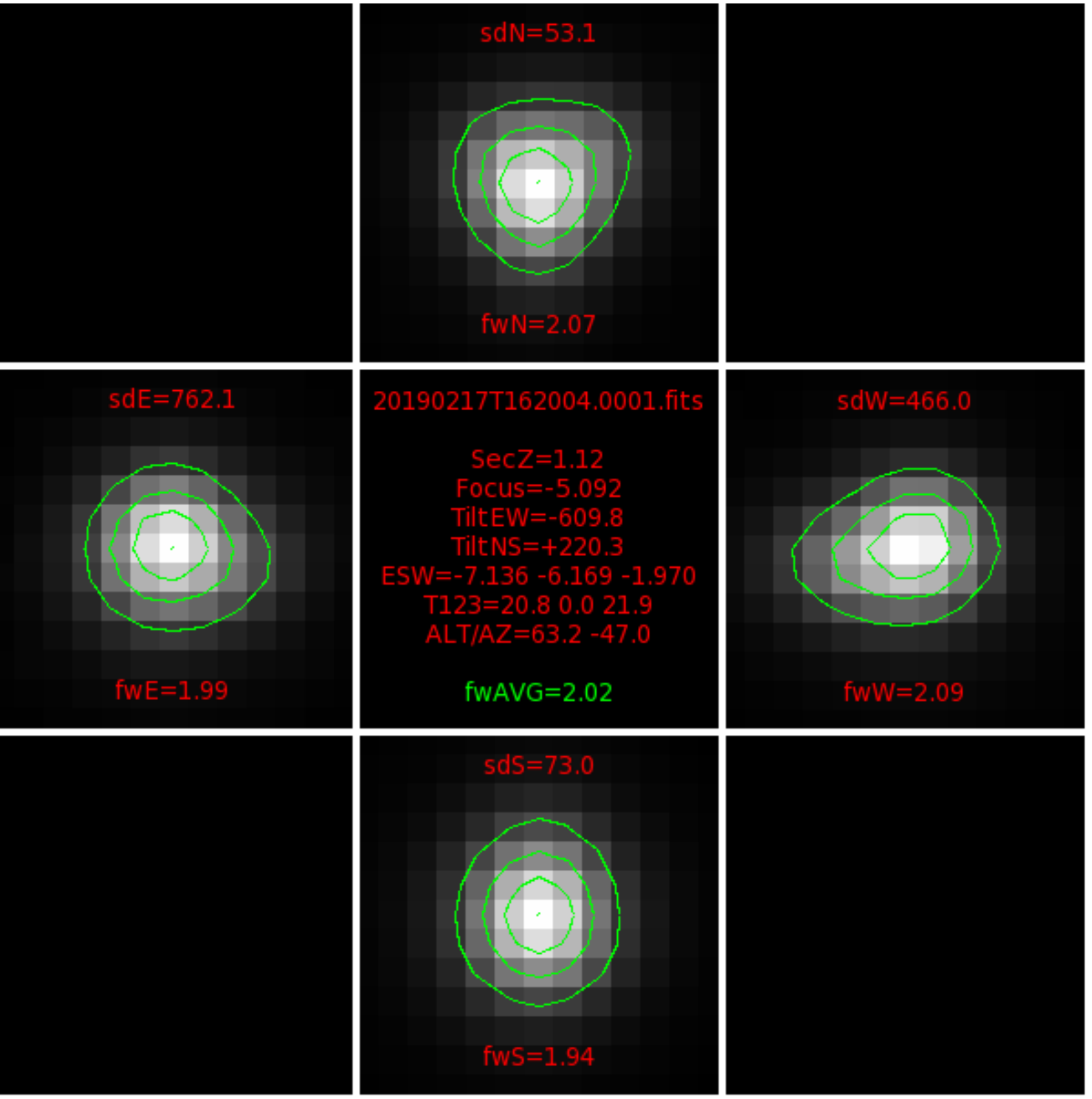
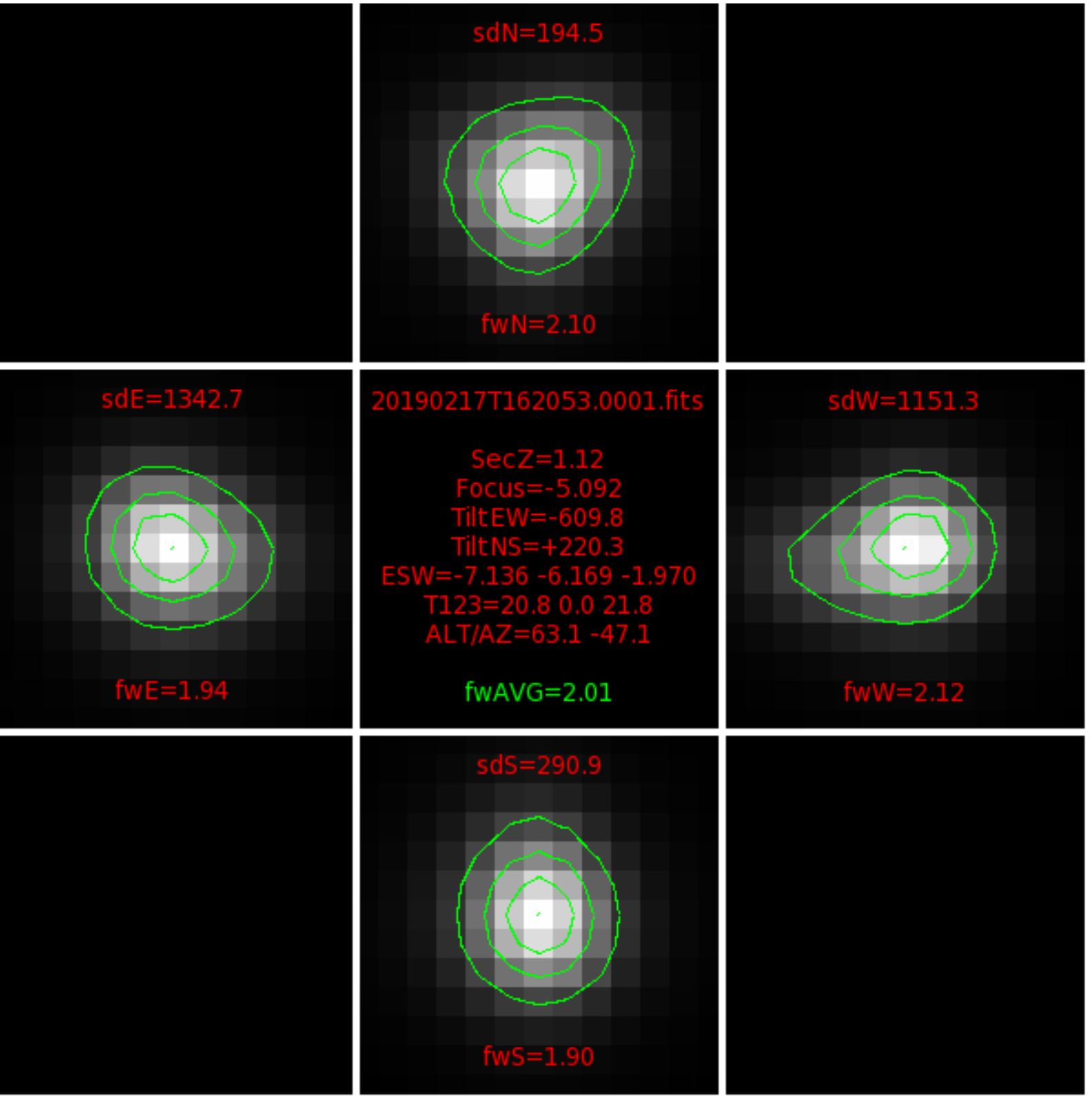
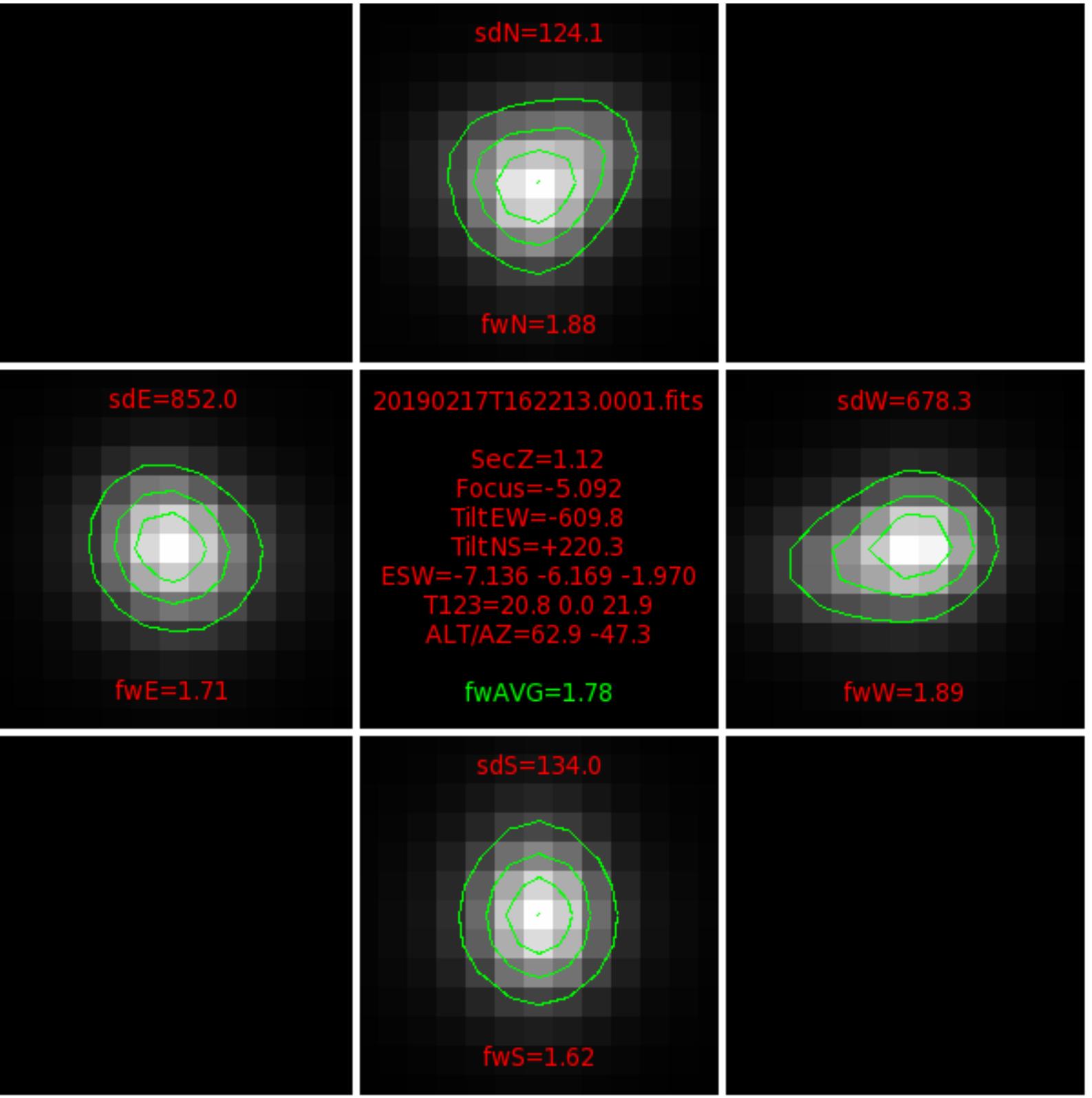

sdN=1013.4
fwN=1.94
sdE=1786.7
fwE=1.76
20190217T161856.0001.fits
SecZ=1.09
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.8 0.0 21.9
ALT/AZ=66.6 -40.4
fwAVG=1.82
sdW=693.5
fwW=1.88
sdS=1180.0
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=53.1
fwN=2.07
sdE=762.1
fwE=1.99
20190217T162004.0001.fits
SecZ=1.12
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.8 0.0 21.9
ALT/AZ=63.2 -47.0
fwAVG=2.02
sdW=466.0
fwW=2.09
sdS=73.0
fwS=1.94
0 0 0 0 0 0 0 0 0


sdN=194.5
fwN=2.10
sdE=1342.7
fwE=1.94
20190217T162053.0001.fits
SecZ=1.12
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.8 0.0 21.8
ALT/AZ=63.1 -47.1
fwAVG=2.01
sdW=1151.3
fwW=2.12
sdS=290.9
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=124.1
fwN=1.88
sdE=852.0
fwE=1.71
20190217T162213.0001.fits
SecZ=1.12
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.8 0.0 21.9
ALT/AZ=62.9 -47.3
fwAVG=1.78
sdW=678.3
fwW=1.89
sdS=134.0
fwS=1.62
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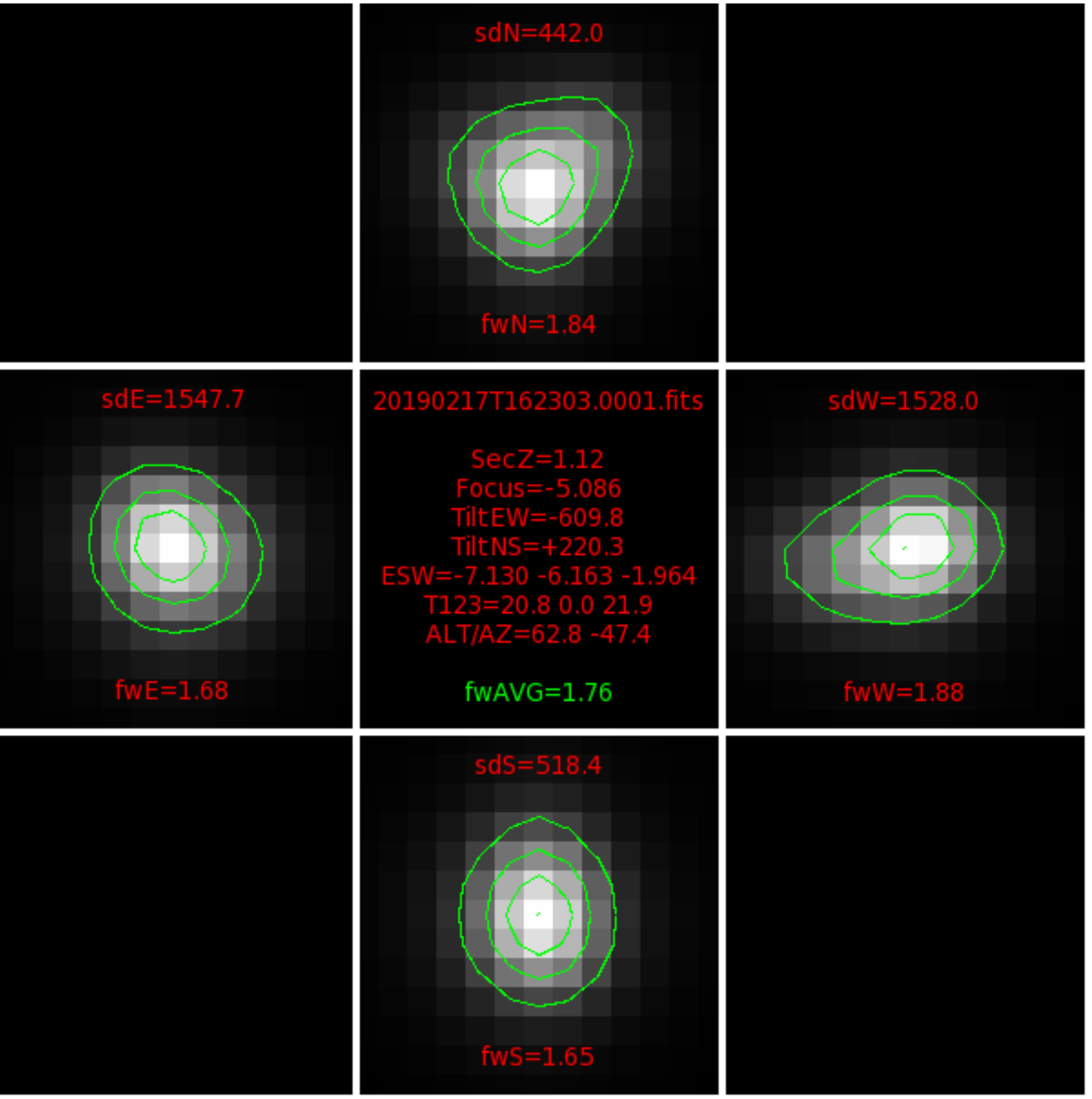
sdN=442.0
fwN=1.84
sdE=1547.7
fwE=1.68
20190217T162303.0001.fits
SecZ=1.12
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=20.8 0.0 21.9
ALT/AZ=62.8 -47.4
fwAVG=1.76
sdW=1528.0
fwW=1.88
sdS=518.4
fwS=1.65
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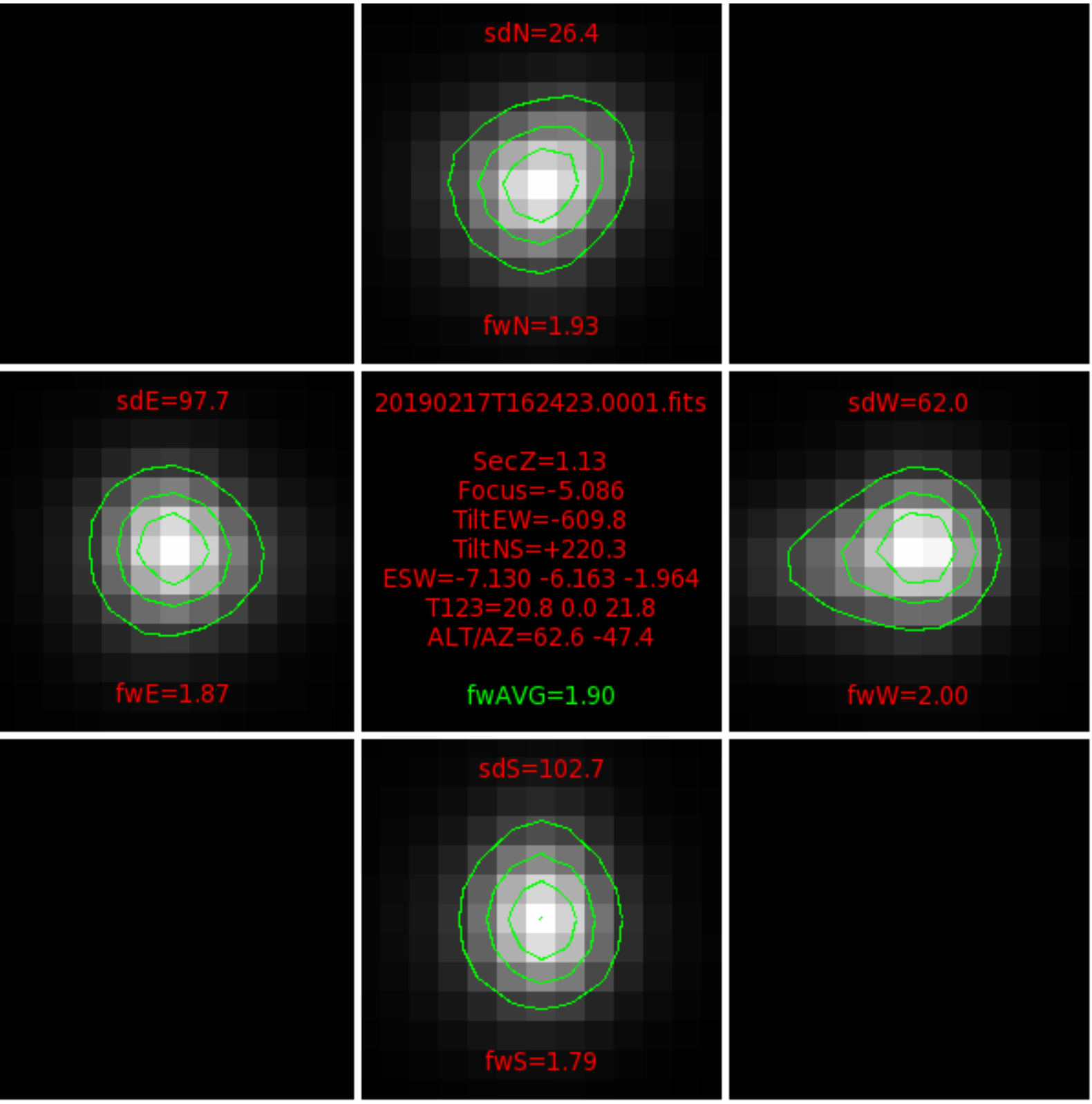
sdN=26.4
fwN=1.93
sdE=97.7
fwE=1.87
20190217T162423.0001.fits
SecZ=1.13
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=20.8 0.0 21.8
ALT/AZ=62.6 -47.4
fwAVG=1.90
sdW=62.0
fwW=2.00
sdS=102.7
fwS=1.79
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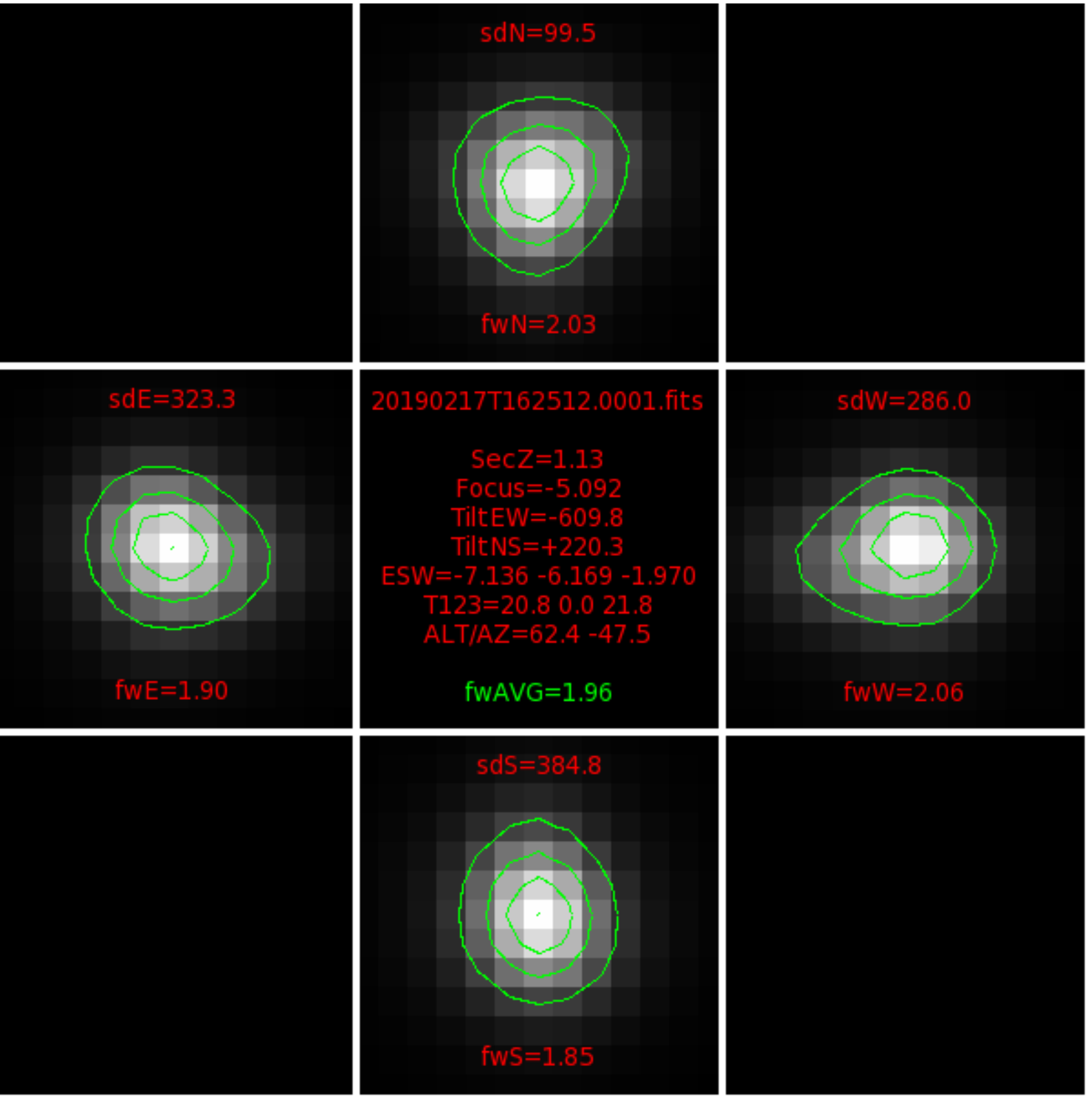
sdN=99.5
fwN=2.03
sdE=323.3
fwE=1.90
20190217T162512.0001.fits
SecZ=1.13
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.8 0.0 21.8
ALT/AZ=62.4 -47.5
fwAVG=1.96
sdW=286.0
fwW=2.06
sdS=384.8
fwS=1.85
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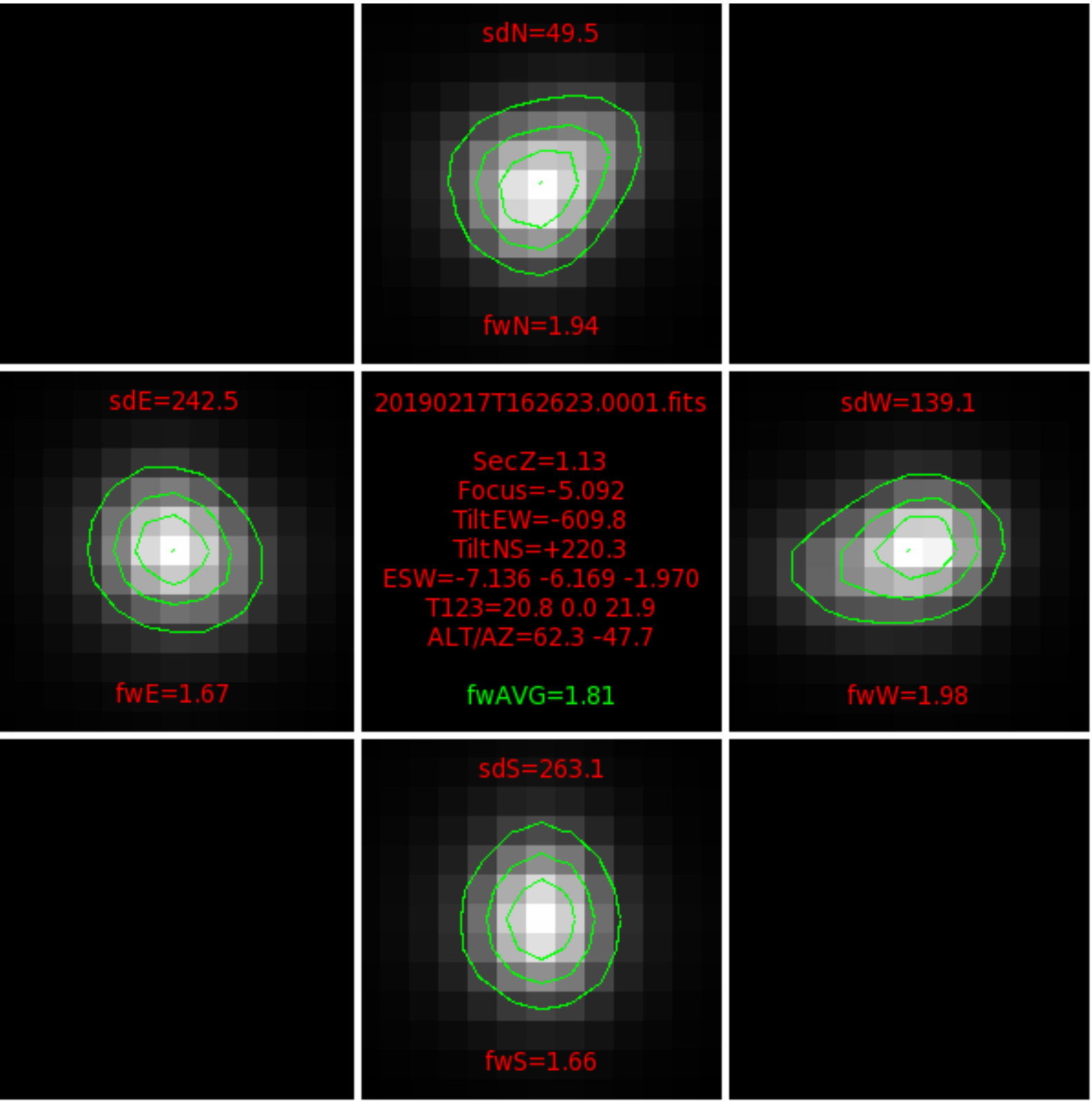
sdN=49.5
fwN=1.94
sdE=242.5
fwE=1.67
20190217T162623.0001.fits
SecZ=1.13
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.8 0.0 21.9
ALT/AZ=62.3 -47.7
fwAVG=1.81
sdW=139.1
fwW=1.98
sdS=263.1
fwS=1.66
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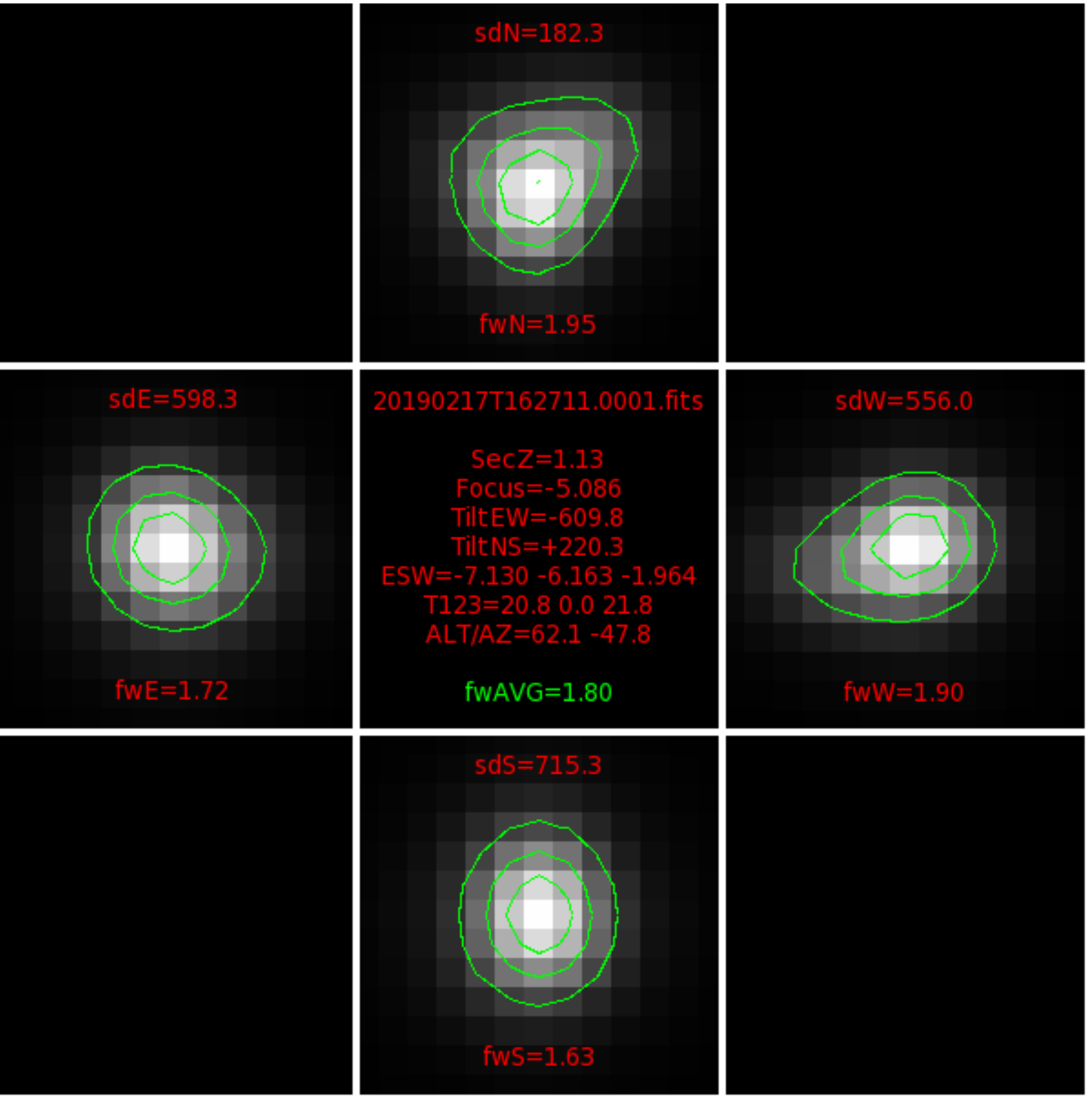
sdN=182.3
fwN=1.95
sdE=598.3
fwE=1.72
20190217T162711.0001.fits
SecZ=1.13
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=20.8 0.0 21.8
ALT/AZ=62.1 -47.8
fwAVG=1.80
sdW=556.0
fwW=1.90
sdS=715.3
fwS=1.63
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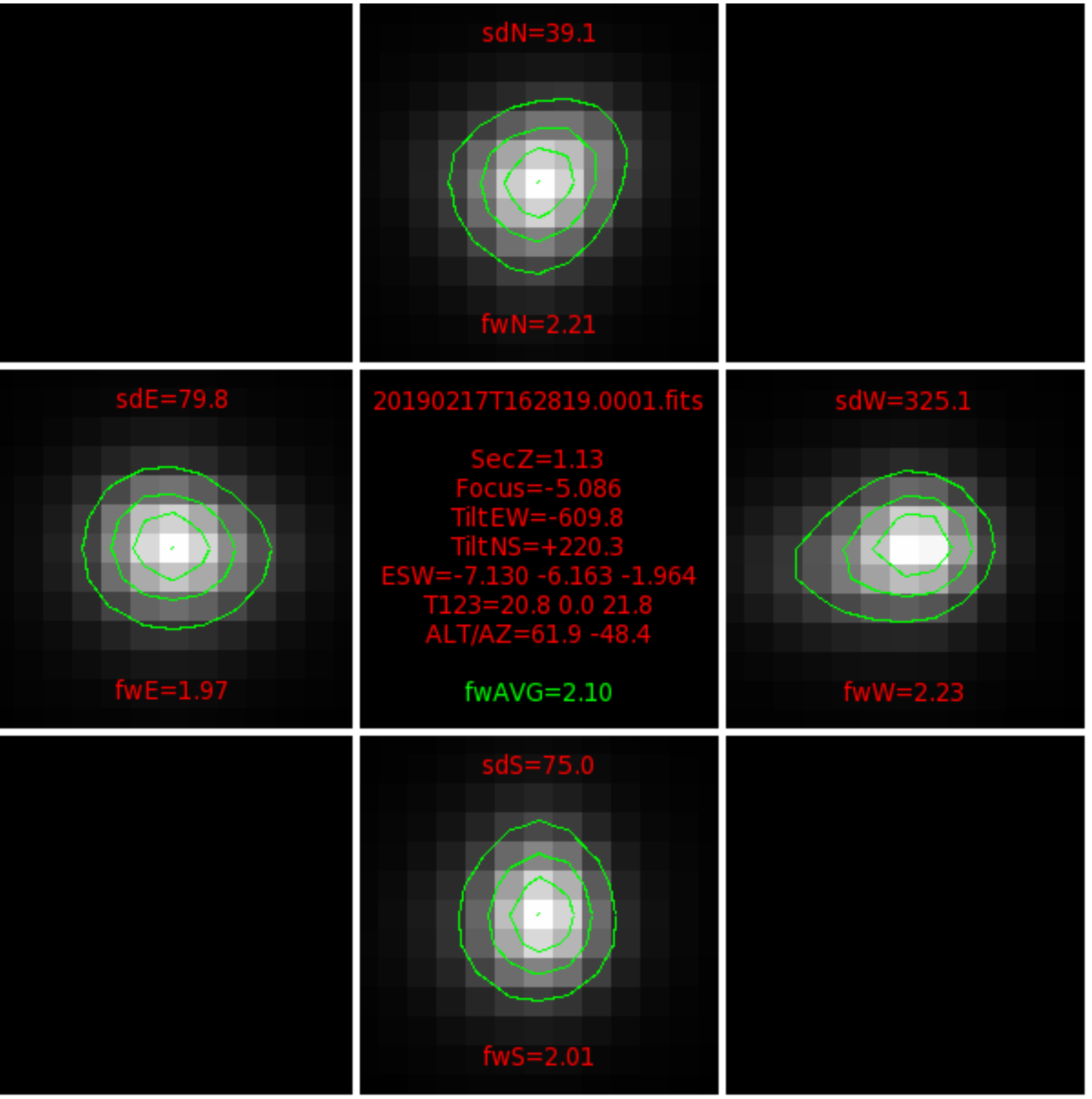
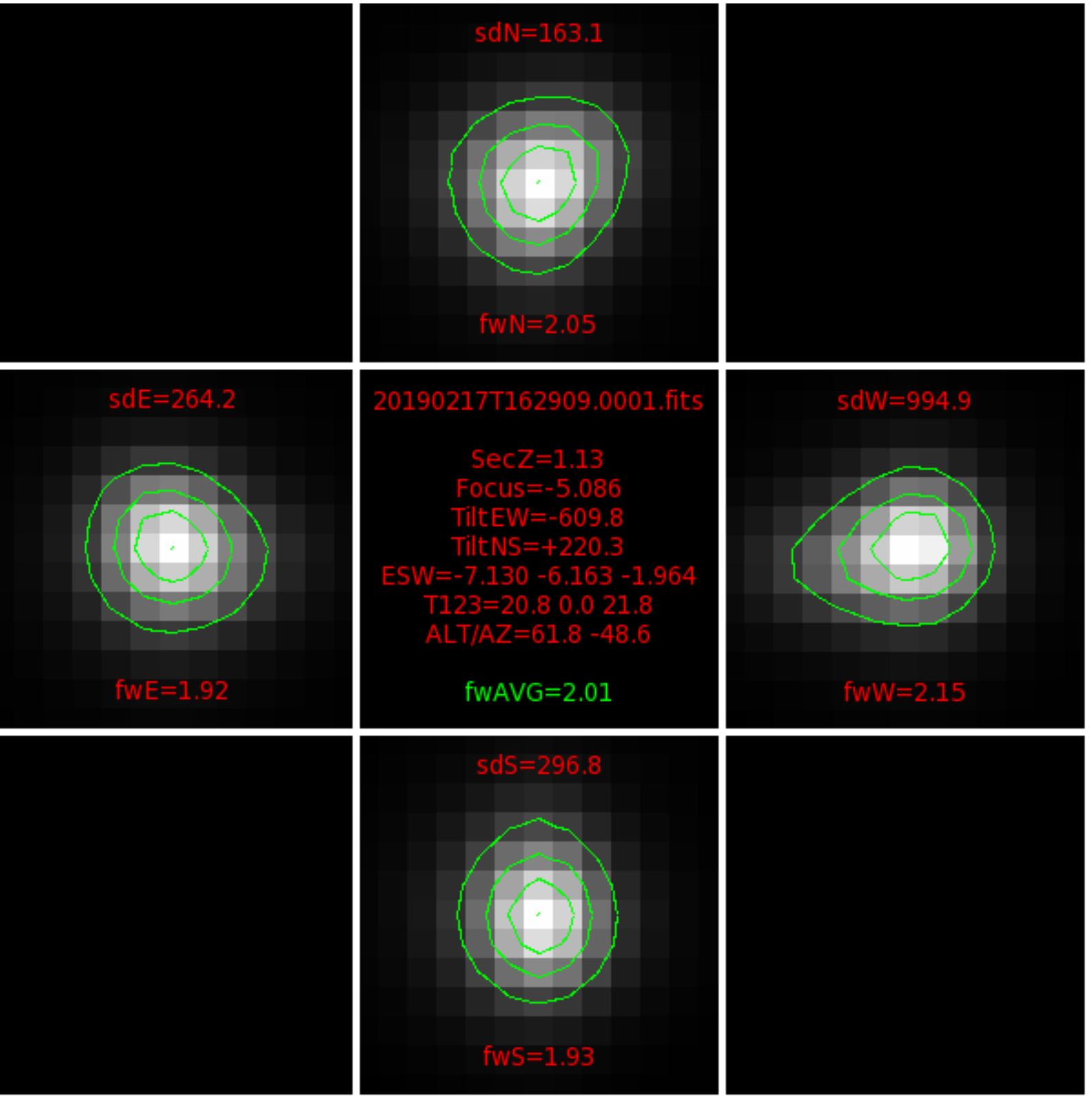
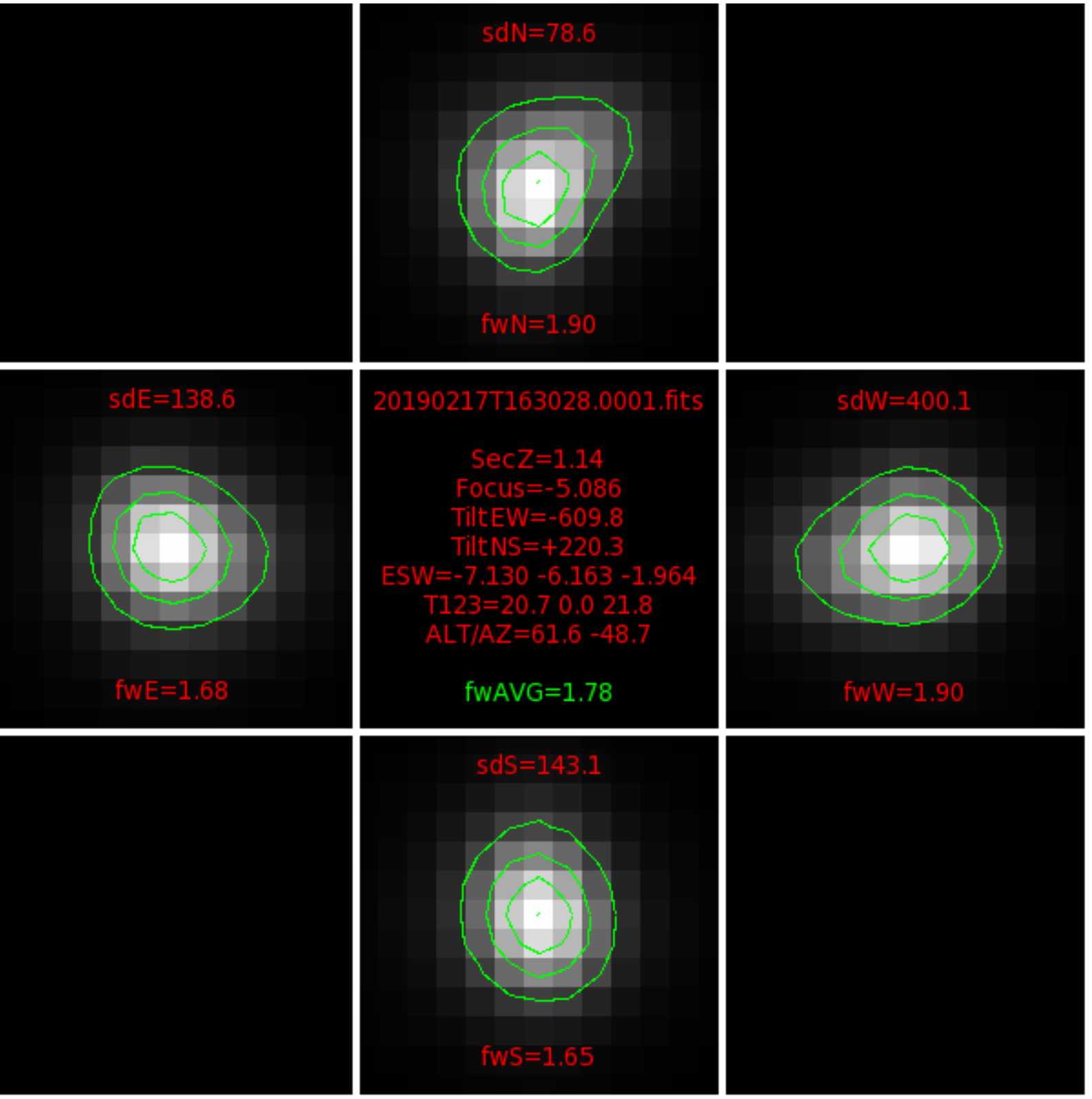
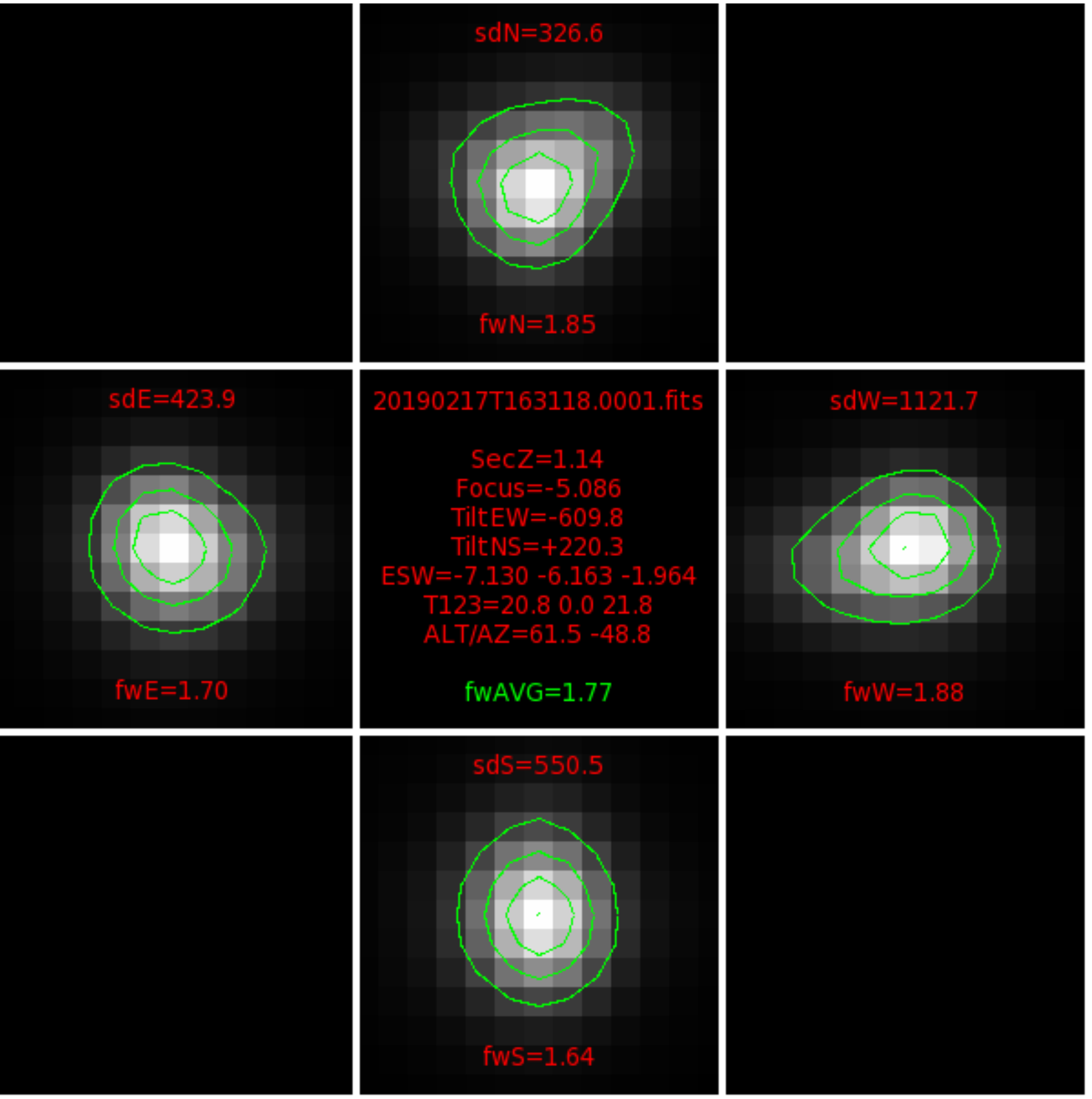

sdN=39.1
fwN=2.21
sdE=79.8
fwE=1.97
20190217T162819.0001.fits
SecZ=1.13
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=20.8 0.0 21.8
ALT/AZ=61.9 -48.4
fwAVG=2.10
sdW=325.1
fwW=2.23
sdS=75.0
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=163.1
fwN=2.05
sdE=264.2
fwE=1.92
20190217T162909.0001.fits
SecZ=1.13
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=20.8 0.0 21.8
ALT/AZ=61.8 -48.6
fwAVG=2.01
sdW=994.9
fwW=2.15
sdS=296.8
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=78.6
fwN=1.90
sdE=138.6
fwE=1.68
20190217T163028.0001.fits
SecZ=1.14
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=20.7 0.0 21.8
ALT/AZ=61.6 -48.7
fwAVG=1.78
sdW=400.1
fwW=1.90
sdS=143.1
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=326.6
fwN=1.85
sdE=423.9
fwE=1.70
20190217T163118.0001.fits
SecZ=1.14
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=20.8 0.0 21.8
ALT/AZ=61.5 -48.8
fwAVG=1.77
sdW=1121.7
fwW=1.88
sdS=550.5
fwS=1.64
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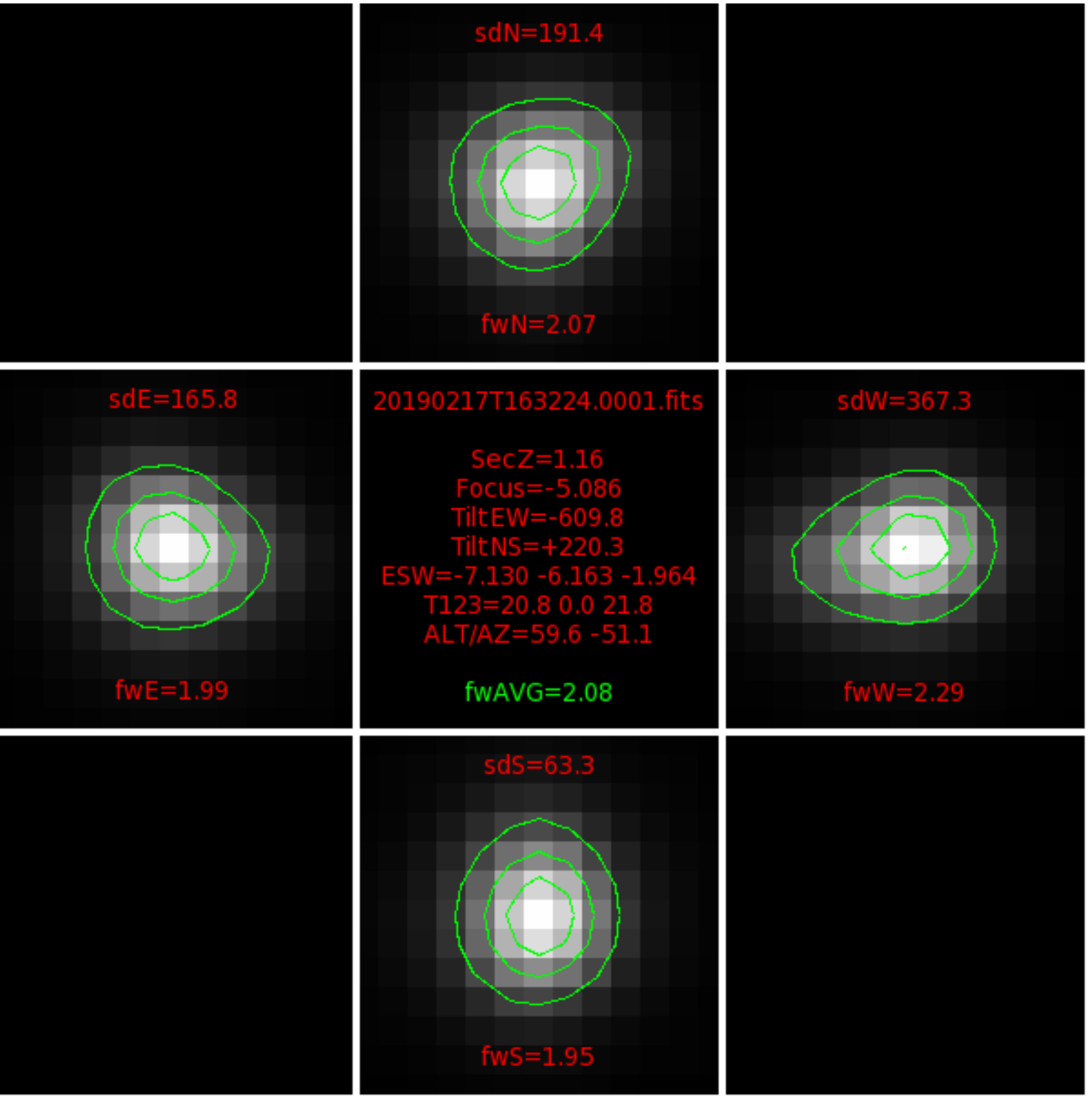
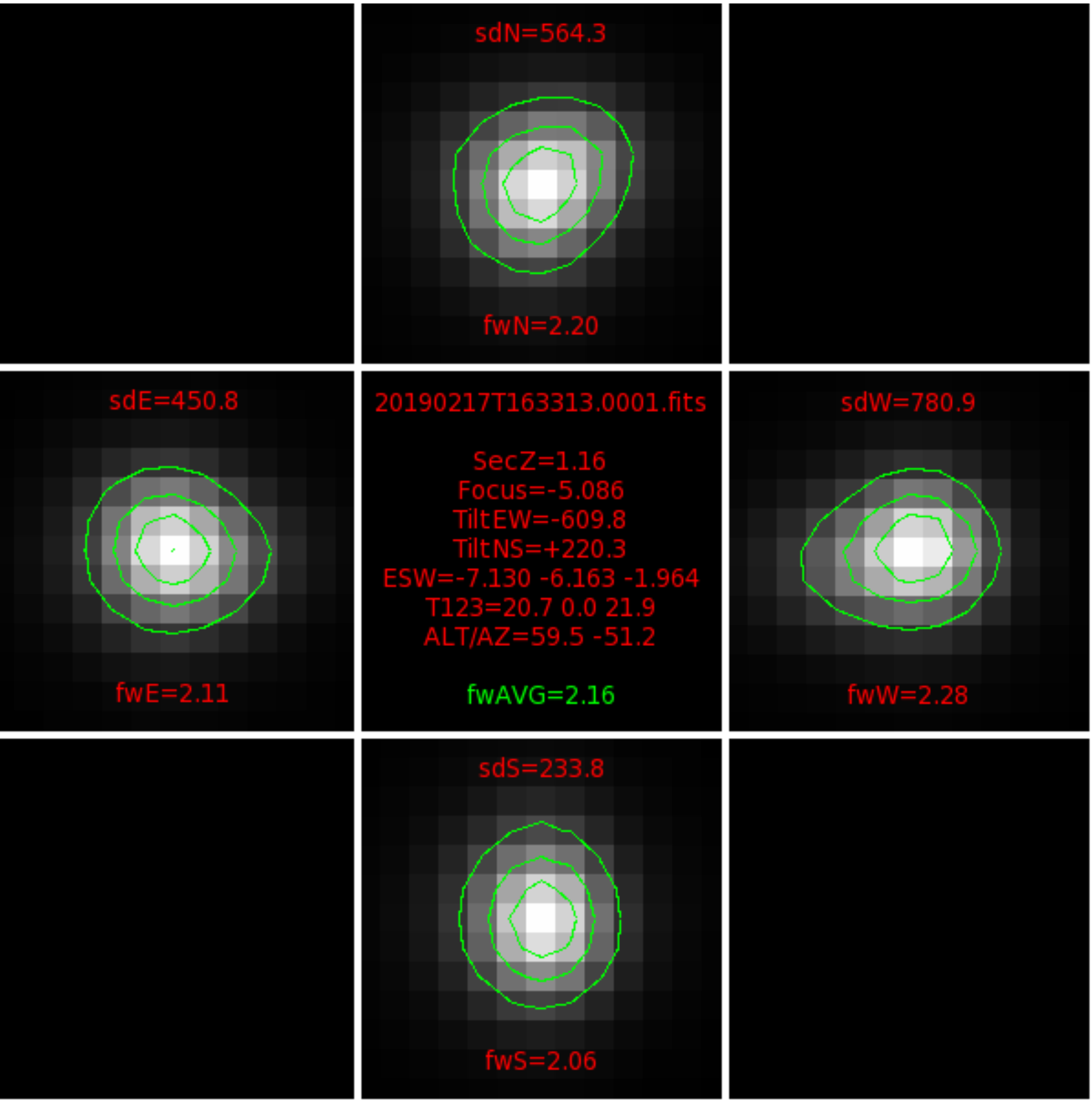
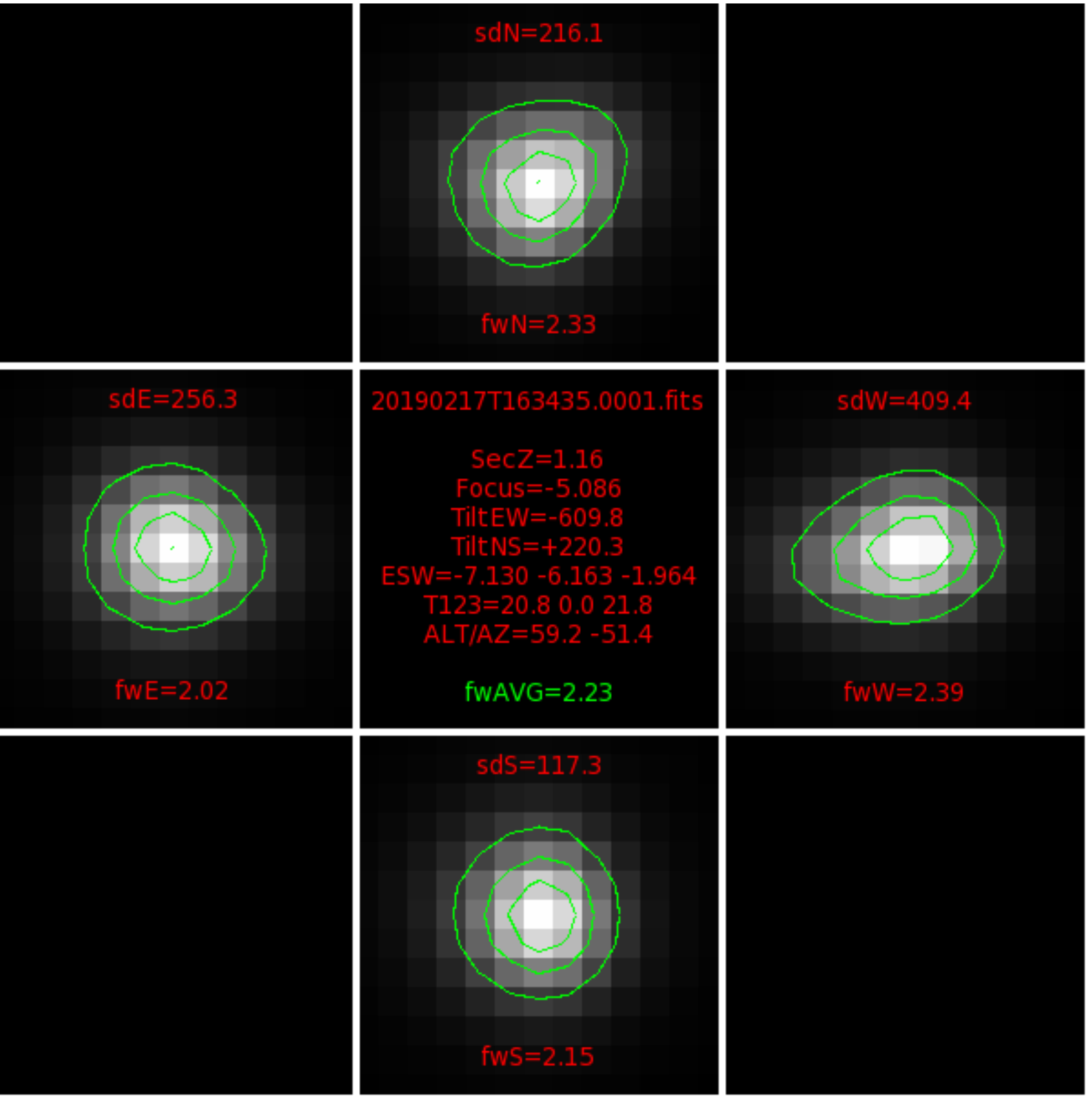
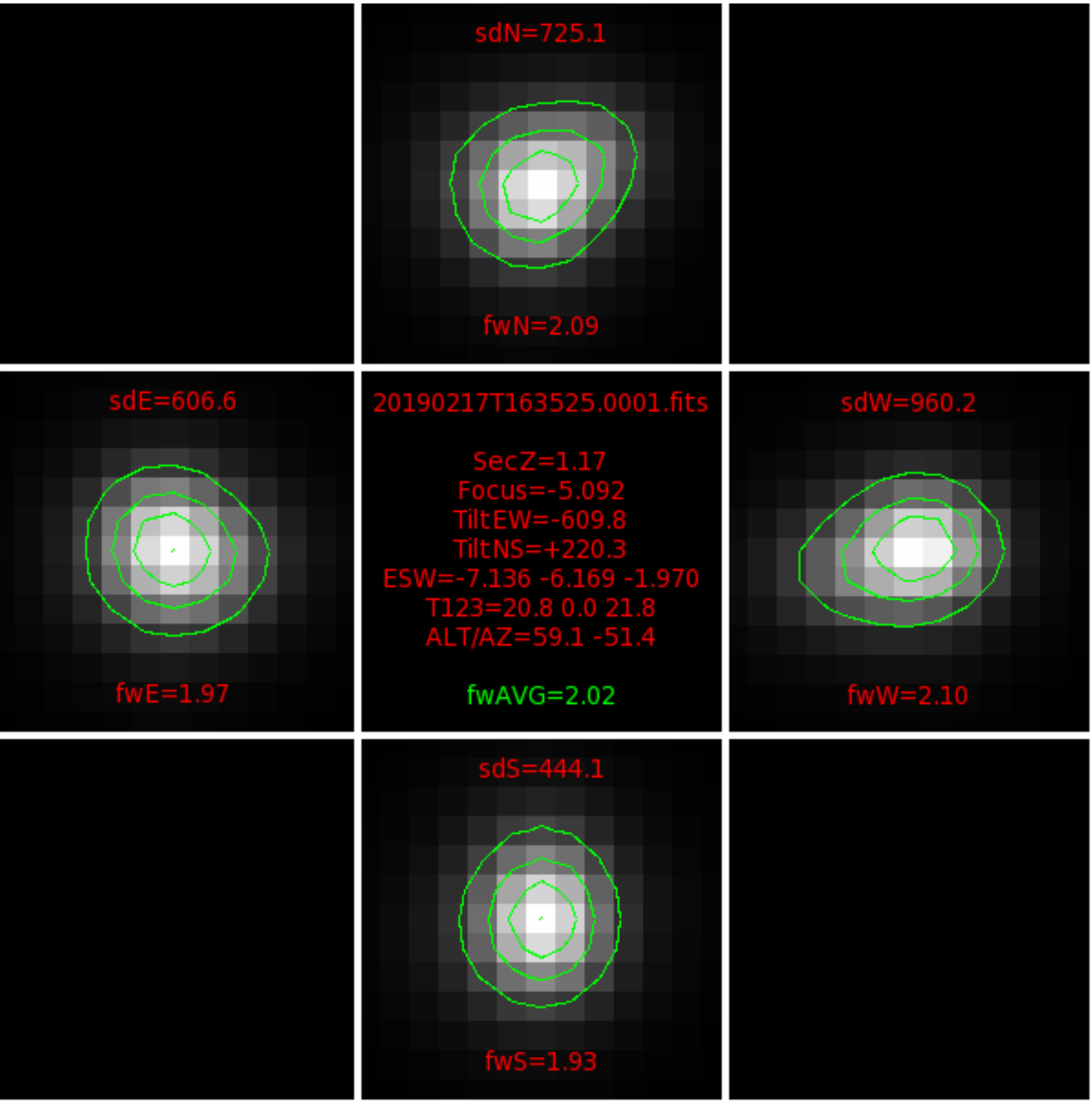
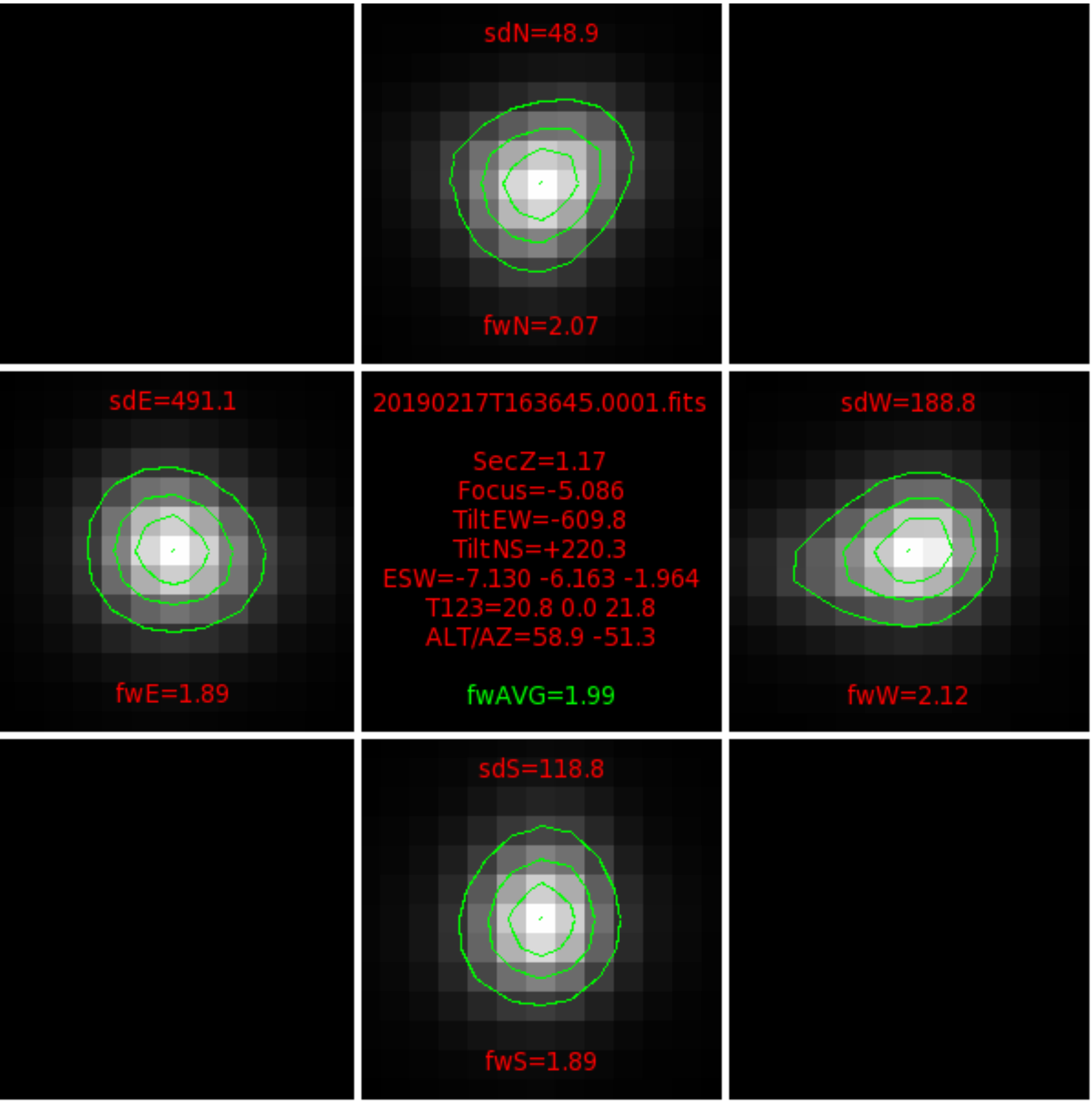

sdN=191.4
fwN=2.07
sdE=165.8
fwE=1.99
20190217T163224.0001.fits
SecZ=1.16
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=20.8 0.0 21.8
ALT/AZ=59.6 -51.1
fwAVG=2.08
sdW=367.3
fwW=2.29
sdS=63.3
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=564.3
fwN=2.20
sdE=450.8
fwE=2.11
20190217T163313.0001.fits
SecZ=1.16
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=20.7 0.0 21.9
ALT/AZ=59.5 -51.2
fwAVG=2.16
sdW=780.9
fwW=2.28
sdS=233.8
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=216.1
fwN=2.33
sdE=256.3
fwE=2.02
20190217T163435.0001.fits
SecZ=1.16
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=20.8 0.0 21.8
ALT/AZ=59.2 -51.4
fwAVG=2.23
sdW=409.4
fwW=2.39
sdS=117.3
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=725.1
fwN=2.09
sdE=606.6
fwE=1.97
20190217T163525.0001.fits
SecZ=1.17
Focus=-5.092
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.136 -6.169 -1.970
T123=20.8 0.0 21.8
ALT/AZ=59.1 -51.4
fwAVG=2.02
sdW=960.2
fwW=2.10
sdS=444.1
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=48.9
fwN=2.07
sdE=491.1
fwE=1.89
20190217T163645.0001.fits
SecZ=1.17
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=20.8 0.0 21.8
ALT/AZ=58.9 -51.3
fwAVG=1.99
sdW=188.8
fwW=2.12
sdS=118.8
fwS=1.89
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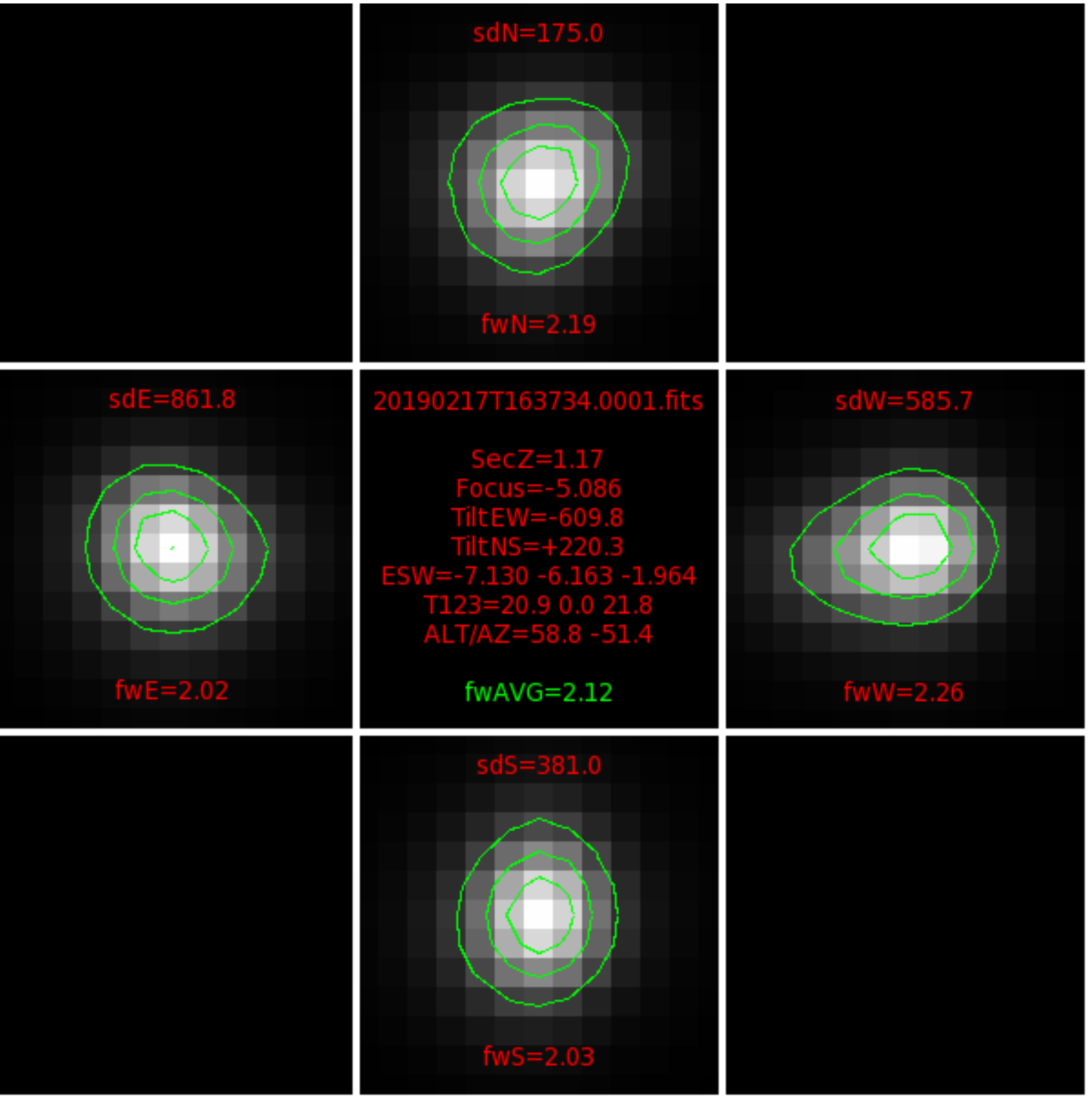
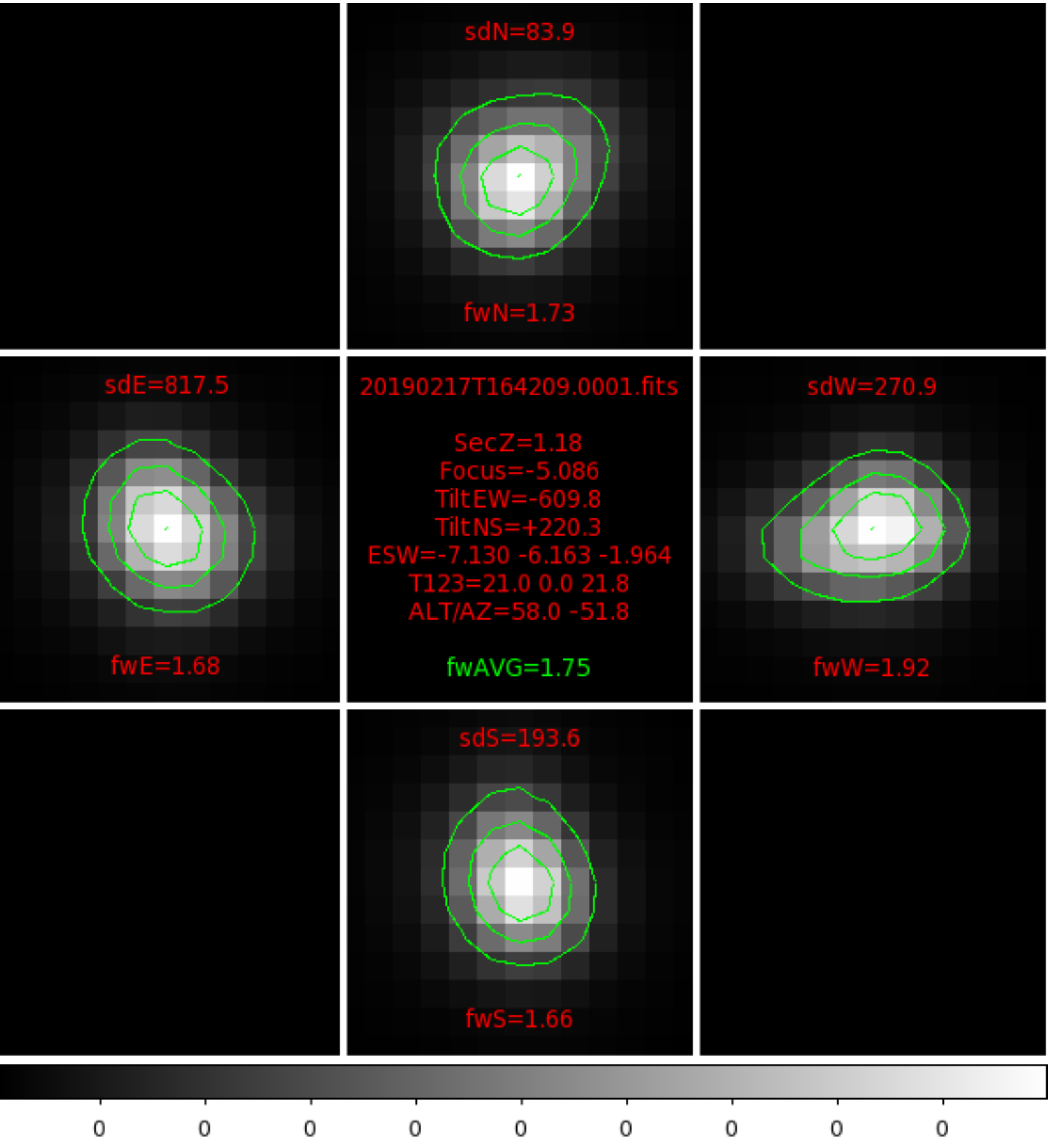

sdN=175.0
fwN=2.19
sdE=861.8
fwE=2.02
20190217T163734.0001.fits
SecZ=1.17
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=20.9 0.0 21.8
ALT/AZ=58.8 -51.4
fwAVG=2.12
sdW=585.7
fwW=2.26
sdS=381.0
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=83.9
fwN=1.73
sdE=817.5
fwE=1.68
20190217T164209.0001.fits
SecZ=1.18
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.0 0.0 21.8
ALT/AZ=58.0 -51.8
fwAVG=1.75
sdW=270.9
fwW=1.92
sdS=193.6
fwS=1.66
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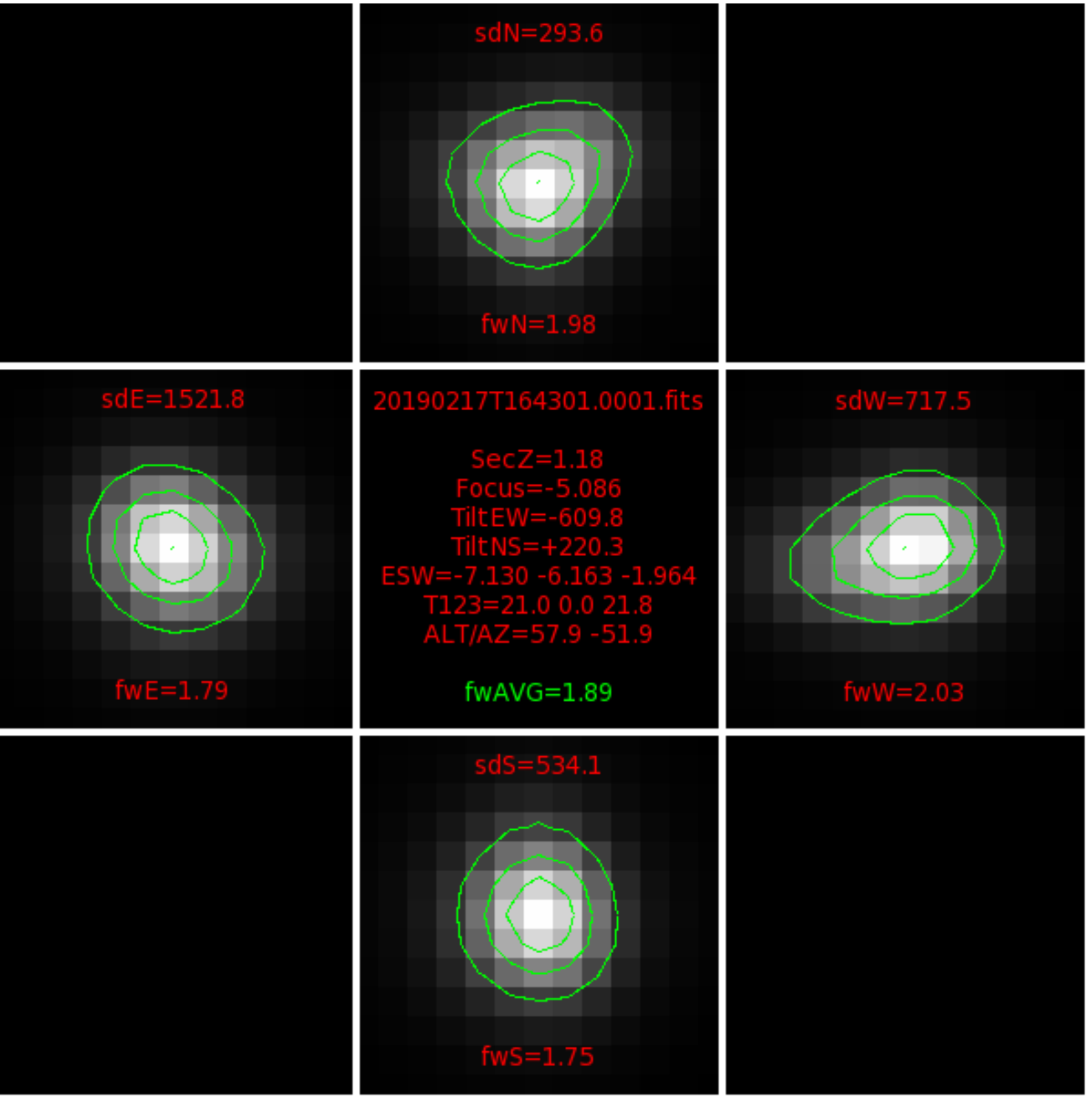
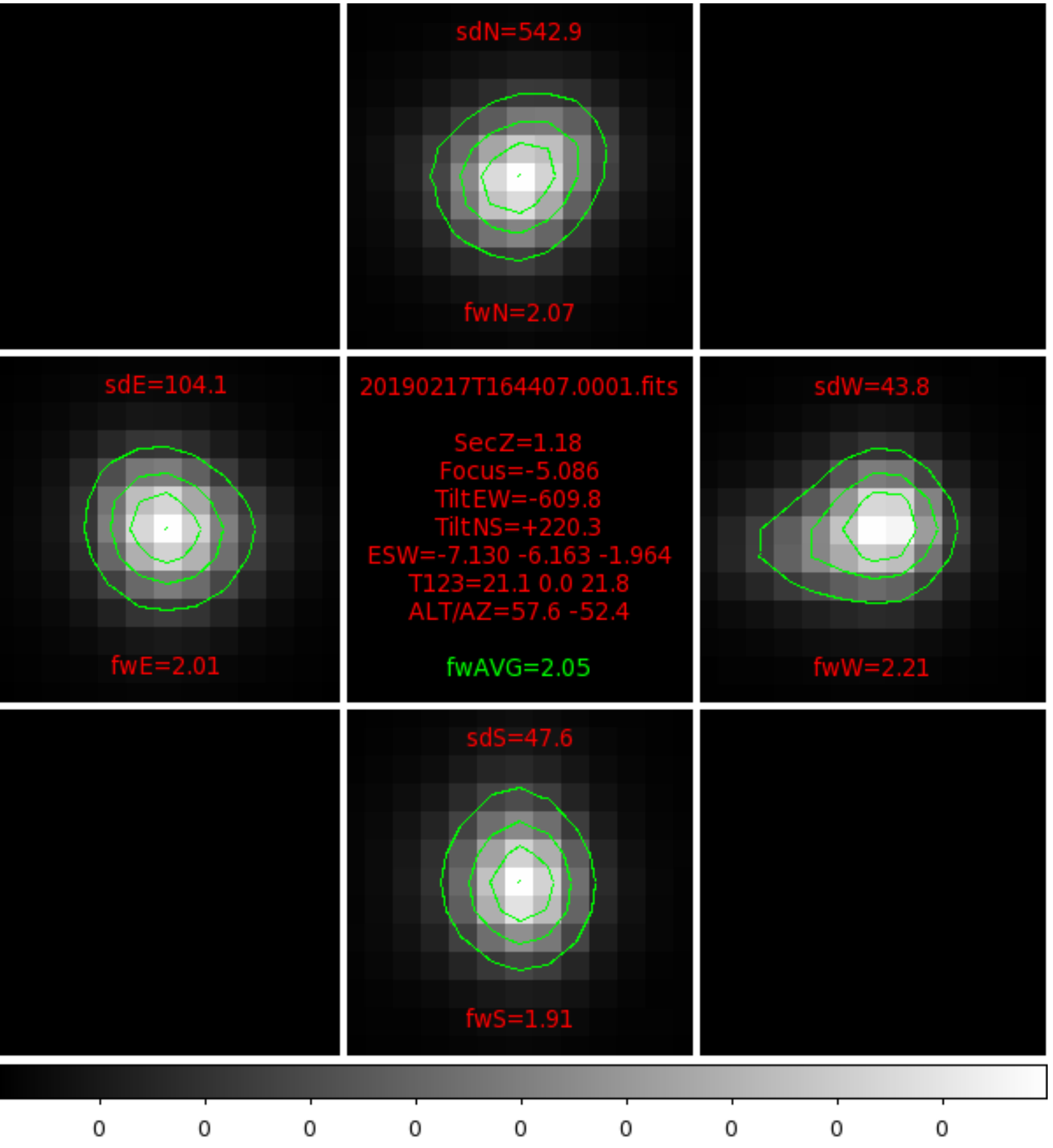
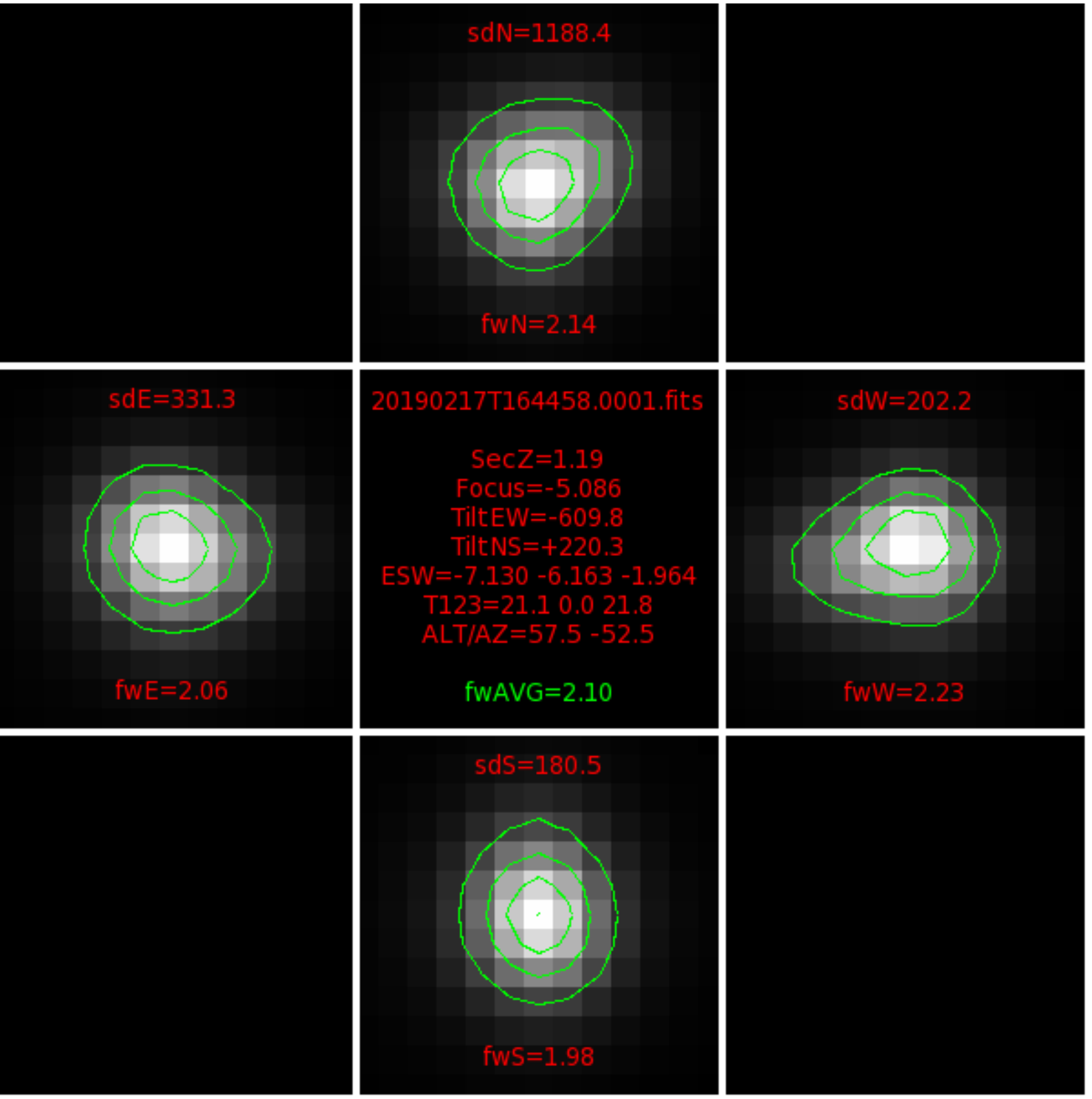
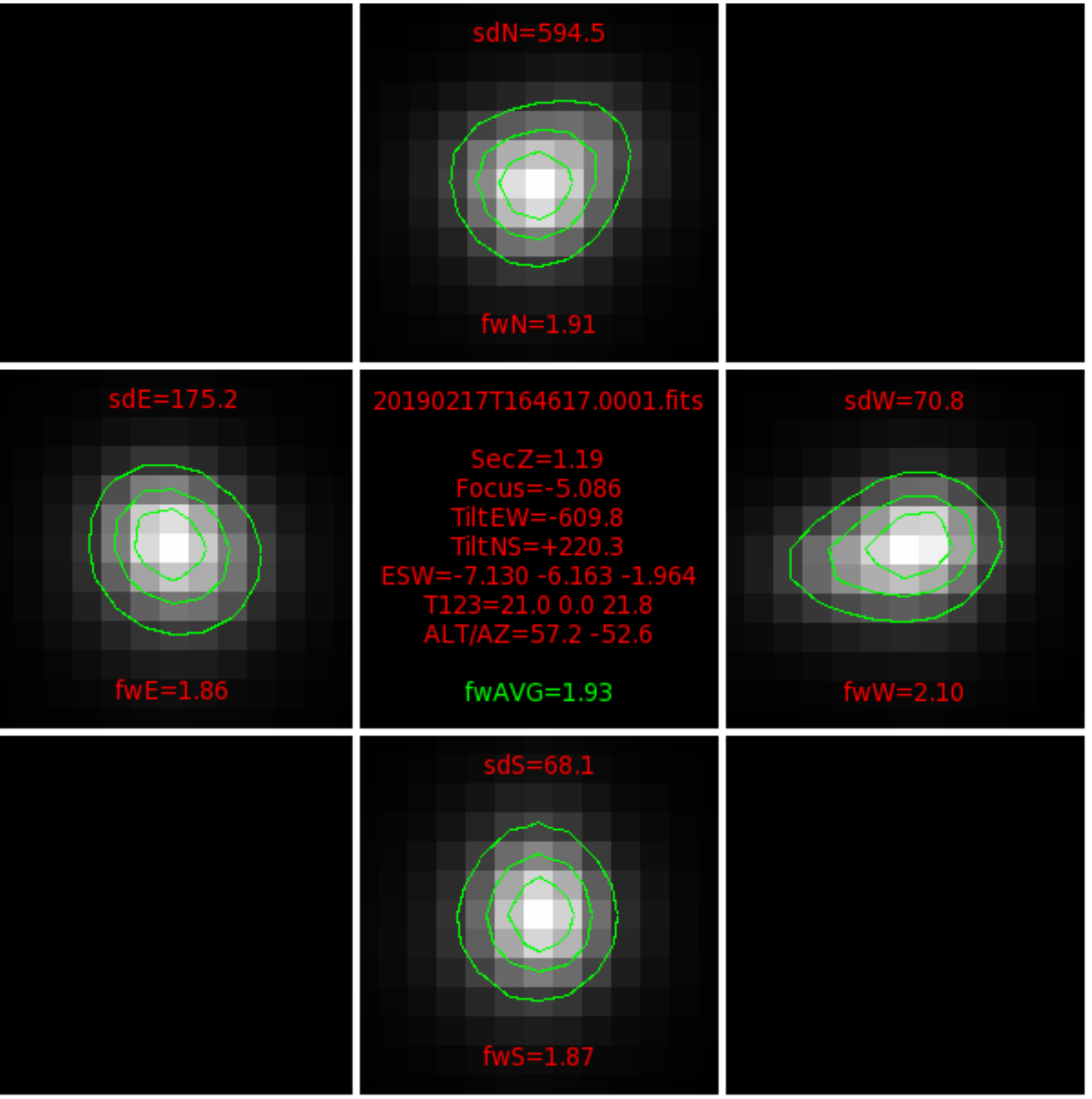
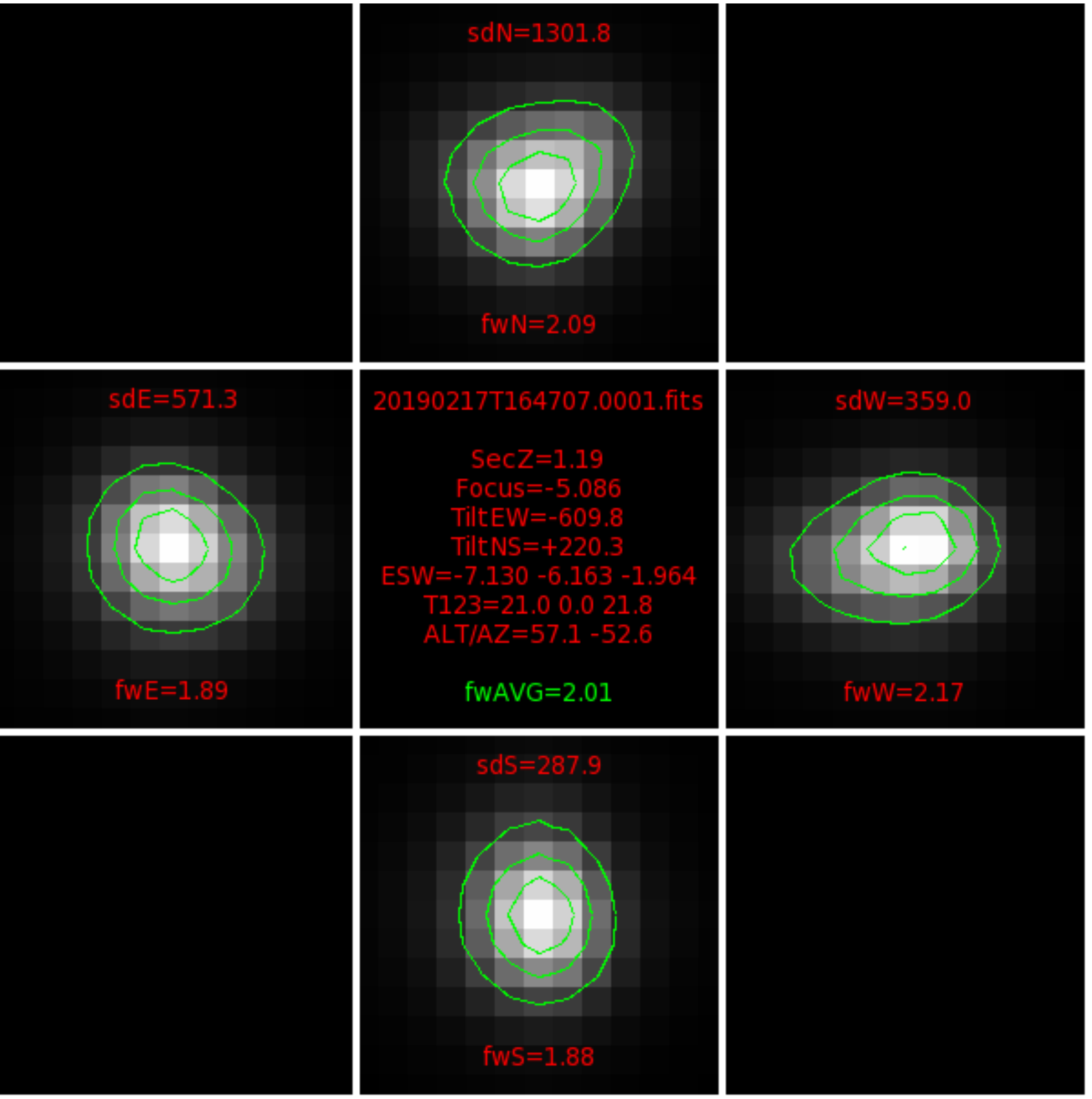

sdN=293.6
fwN=1.98
sdE=1521.8
fwE=1.79
20190217T164301.0001.fits
SecZ=1.18
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.0 0.0 21.8
ALT/AZ=57.9 -51.9
fwAVG=1.89
sdW=717.5
fwW=2.03
sdS=534.1
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=542.9
fwN=2.07
sdE=104.1
fwE=2.01
20190217T164407.0001.fits
SecZ=1.18
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.1 0.0 21.8
ALT/AZ=57.6 -52.4
fwAVG=2.05
sdW=43.8
fwW=2.21
sdS=47.6
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=1188.4
fwN=2.14
sdE=331.3
fwE=2.06
20190217T164458.0001.fits
SecZ=1.19
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.1 0.0 21.8
ALT/AZ=57.5 -52.5
fwAVG=2.10
sdW=202.2
fwW=2.23
sdS=180.5
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=594.5
fwN=1.91
sdE=175.2
fwE=1.86
20190217T164617.0001.fits
SecZ=1.19
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.0 0.0 21.8
ALT/AZ=57.2 -52.6
fwAVG=1.93
sdW=70.8
fwW=2.10
sdS=68.1
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=1301.8
fwN=2.09
sdE=571.3
fwE=1.89
20190217T164707.0001.fits
SecZ=1.19
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.0 0.0 21.8
ALT/AZ=57.1 -52.6
fwAVG=2.01
sdW=359.0
fwW=2.17
sdS=287.9
fwS=1.88
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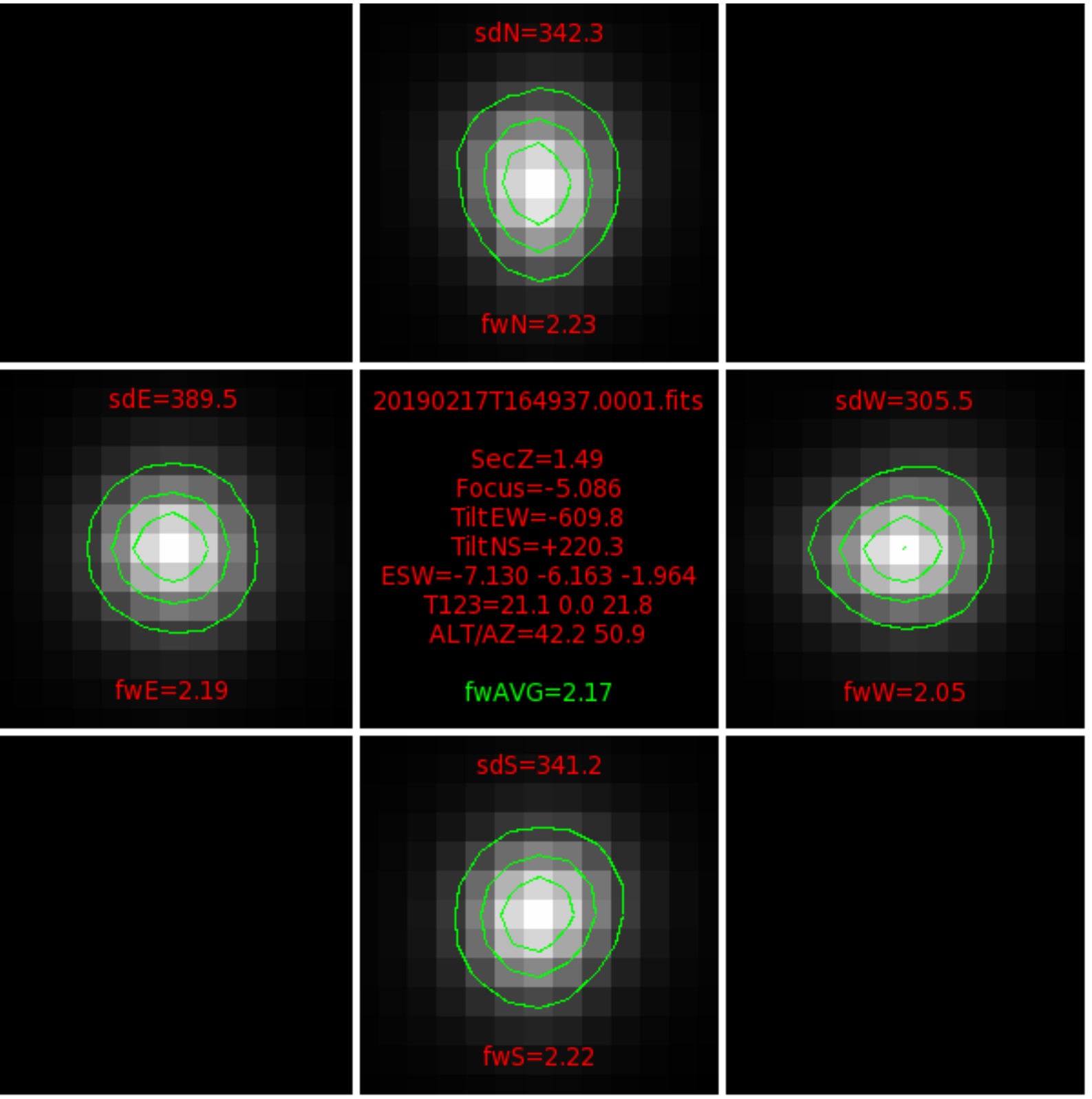
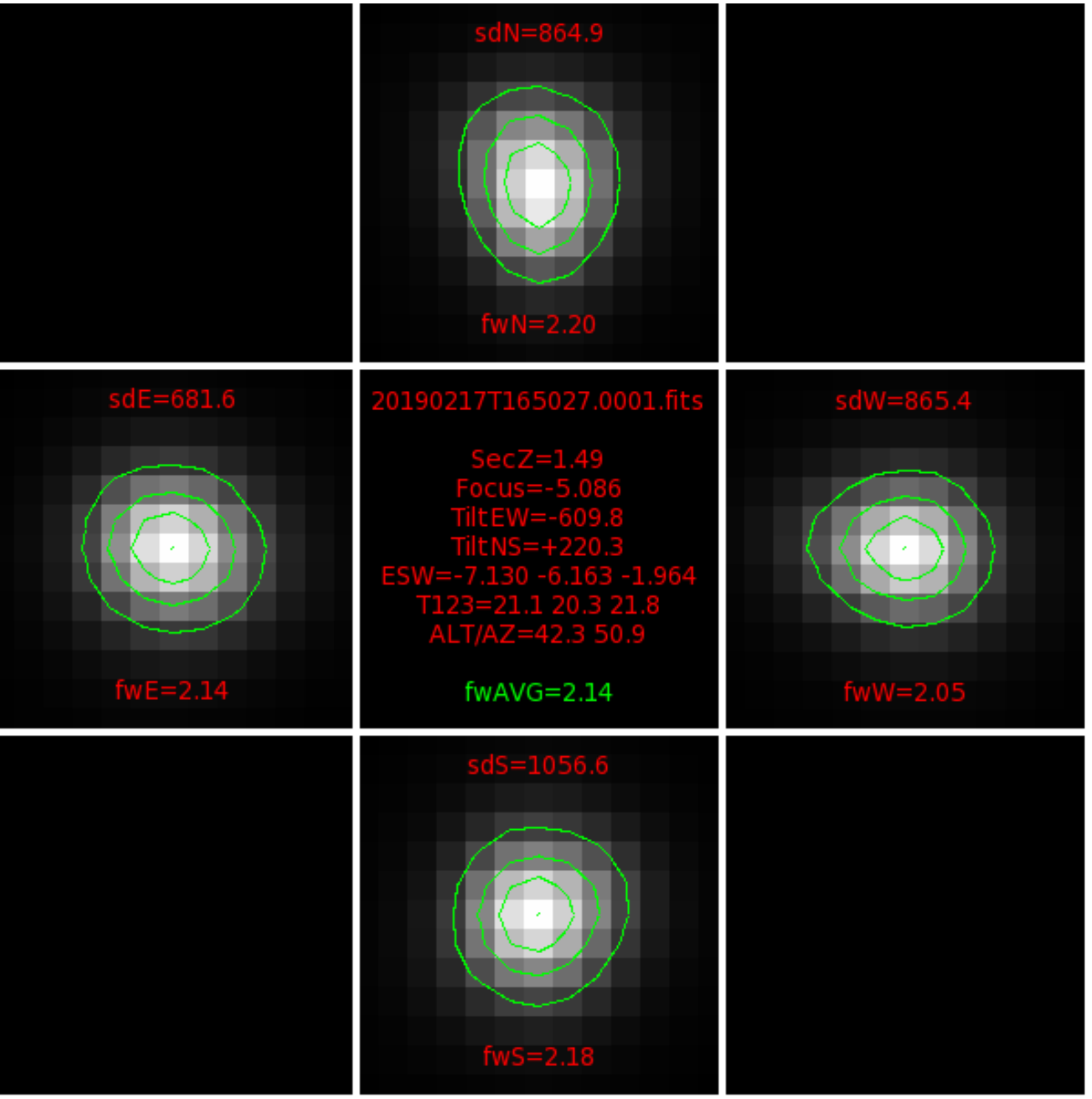

sdN=342.3
fwN=2.23
sdE=389.5
fwE=2.19
20190217T164937.0001.fits
SecZ=1.49
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.1 0.0 21.8
ALT/AZ=42.2 50.9
fwAVG=2.17
sdW=305.5
fwW=2.05
sdS=341.2
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=864.9
fwN=2.20
sdE=681.6
fwE=2.14
20190217T165027.0001.fits
SecZ=1.49
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.1 20.3 21.8
ALT/AZ=42.3 50.9
fwAVG=2.14
sdW=865.4
fwW=2.05
sdS=1056.6
fwS=2.18
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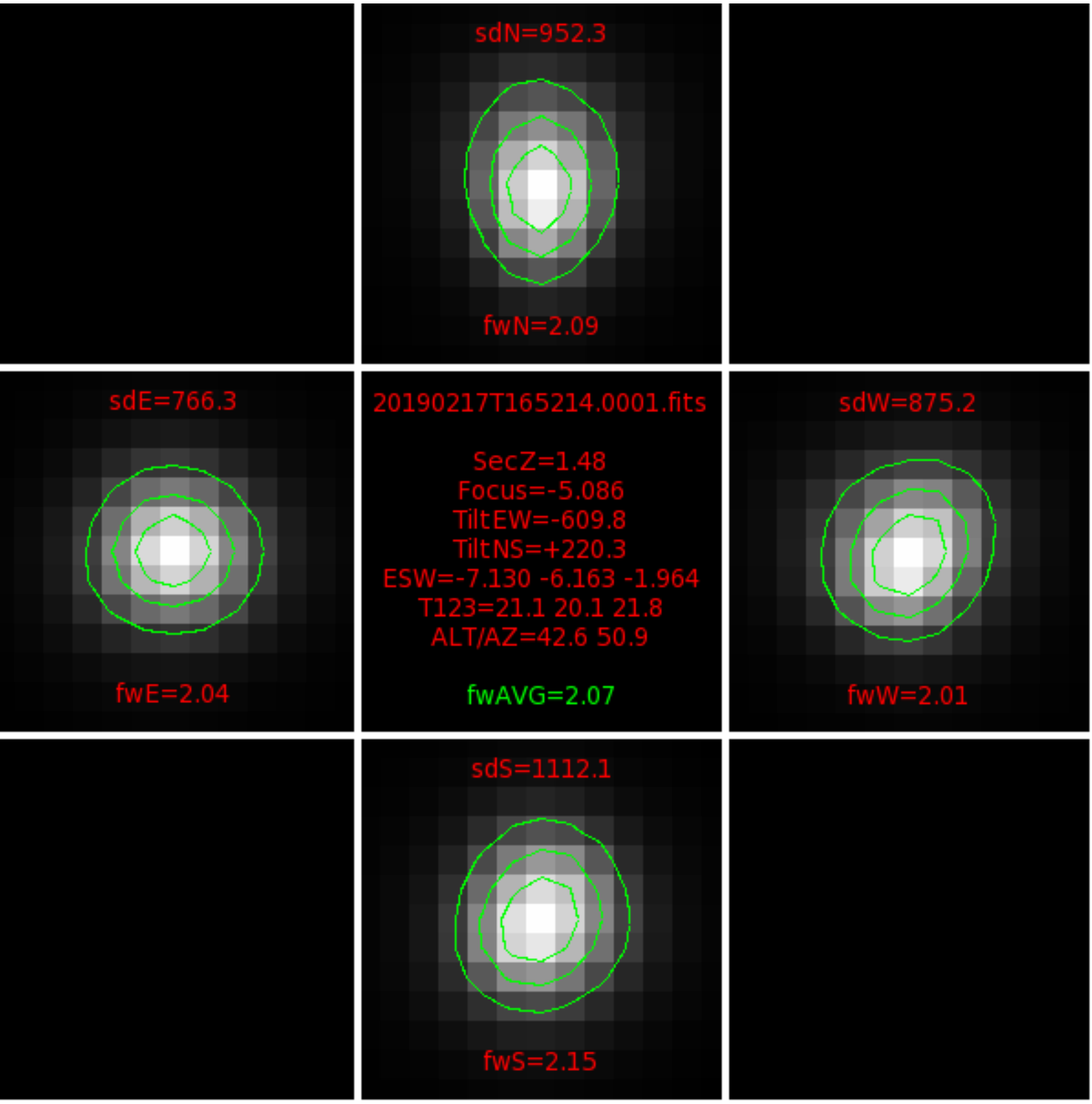
sdN=952.3
fwN=2.09
sdE=766.3
fwE=2.04
20190217T165214.0001.fits
SecZ=1.48
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.1 20.1 21.8
ALT/AZ=42.6 50.9
fwAVG=2.07
sdW=875.2
fwW=2.01
sdS=1112.1
fwS=2.15
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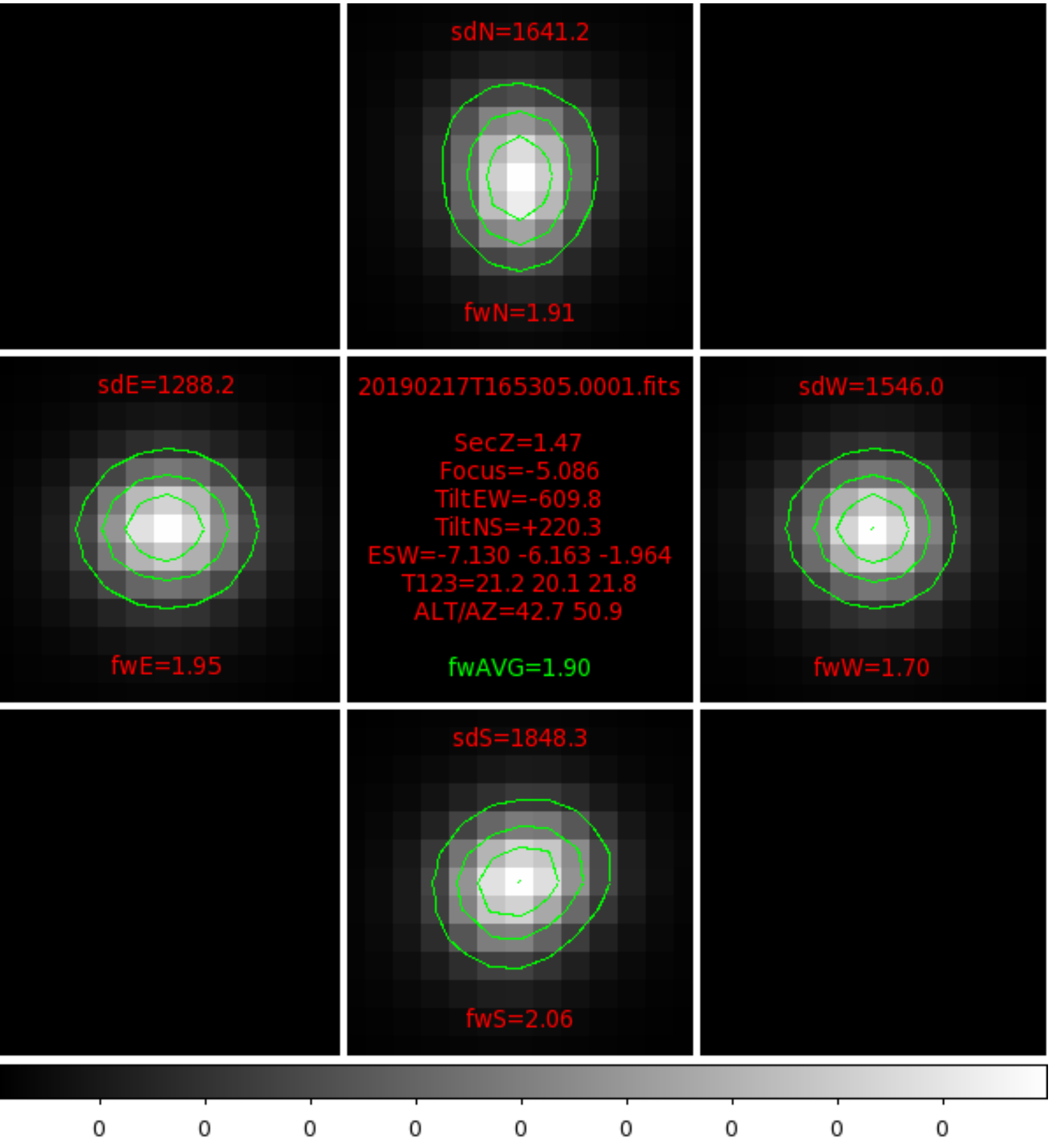
sdN=1641.2
fwN=1.91
sdE=1288.2
fwE=1.95
20190217T165305.0001.fits
SecZ=1.47
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.2 20.1 21.8
ALT/AZ=42.7 50.9
fwAVG=1.90
sdW=1546.0
fwW=1.70
sdS=1848.3
fwS=2.06
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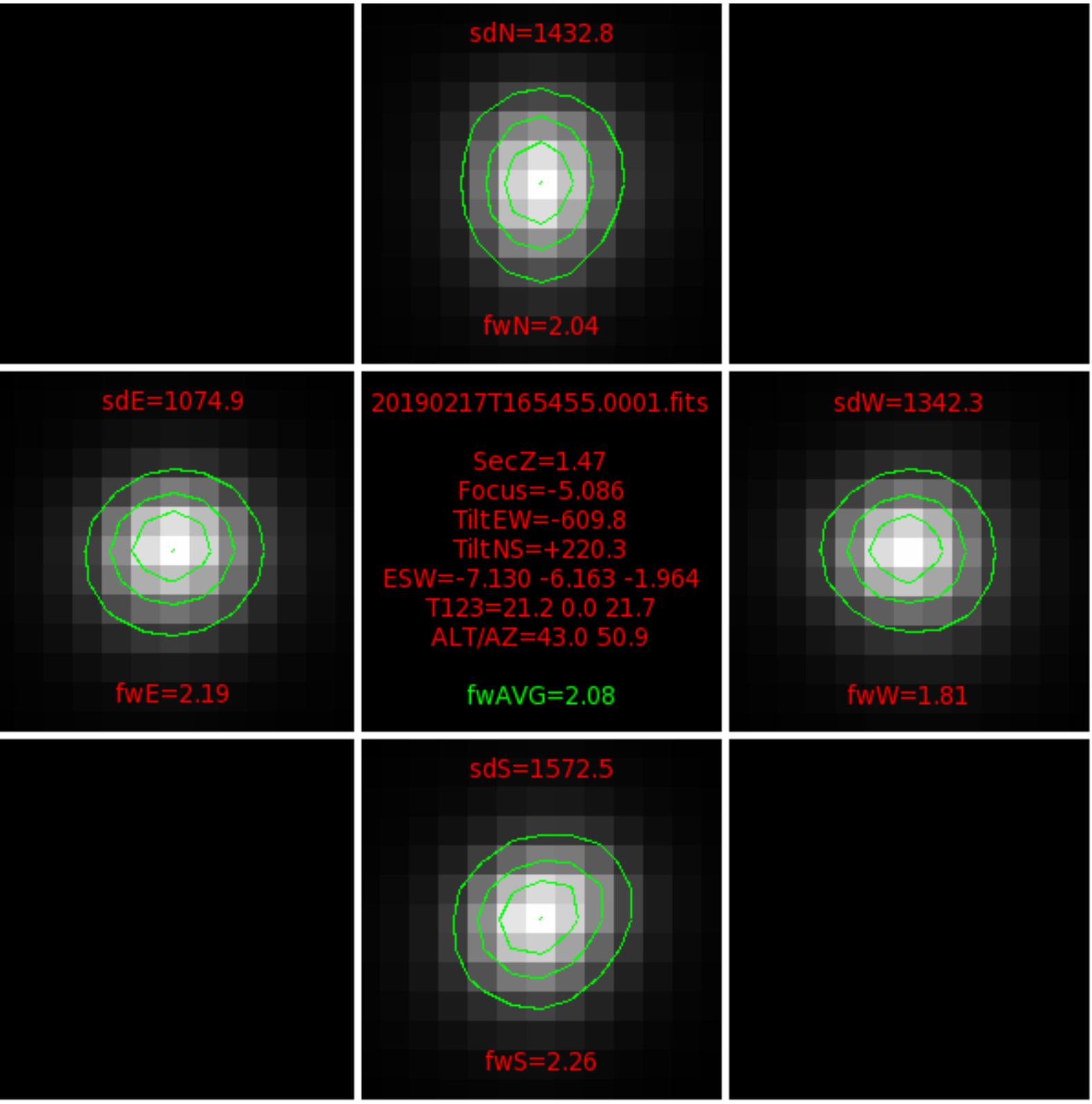
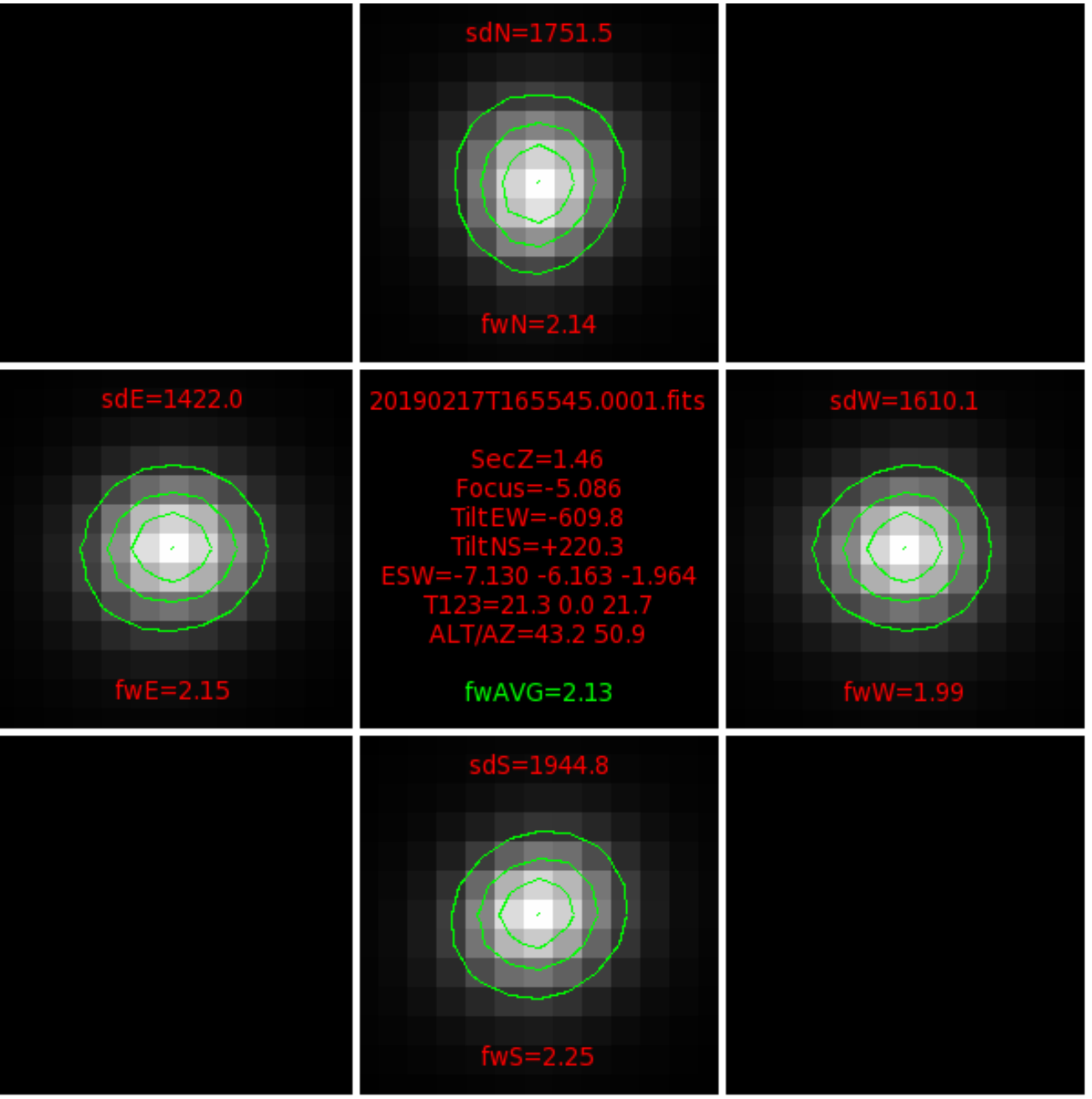

sdN=1432.8
fwN=2.04
sdE=1074.9
fwE=2.19
20190217T165455.0001.fits
SecZ=1.47
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.2 0.0 21.7
ALT/AZ=43.0 50.9
fwAVG=2.08
sdW=1342.3
fwW=1.81
sdS=1572.5
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=1751.5
fwN=2.14
sdE=1422.0
fwE=2.15
20190217T165545.0001.fits
SecZ=1.46
Focus=-5.086
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.130 -6.163 -1.964
T123=21.3 0.0 21.7
ALT/AZ=43.2 50.9
fwAVG=2.13
sdW=1610.1
fwW=1.99
sdS=1944.8
fwS=2.25
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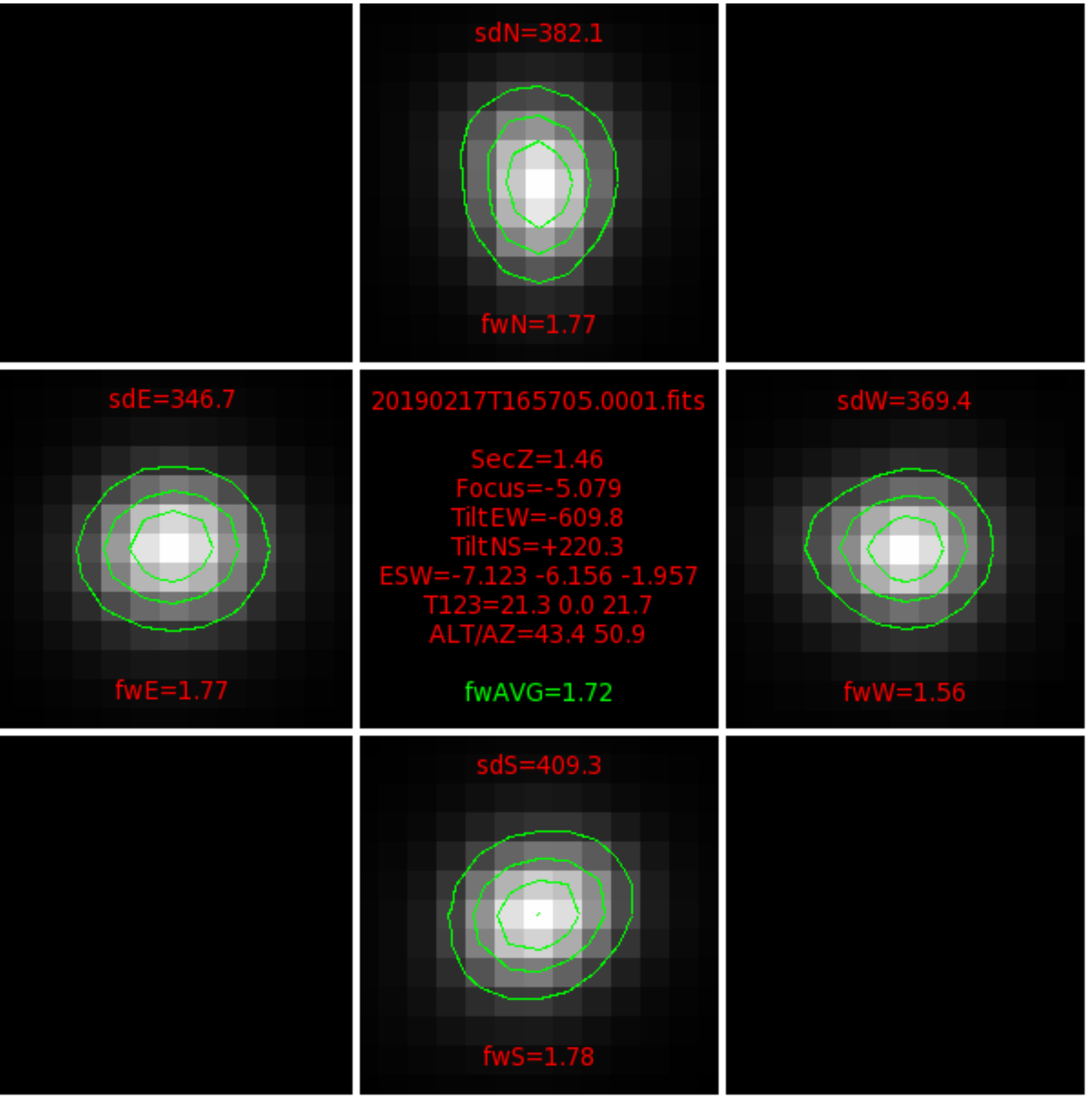
sdN=382.1
fwN=1.77
sdE=346.7
fwE=1.77
20190217T165705.0001.fits
SecZ=1.46
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=21.3 0.0 21.7
ALT/AZ=43.4 50.9
fwAVG=1.72
sdW=369.4
fwW=1.56
sdS=409.3
fwS=1.78
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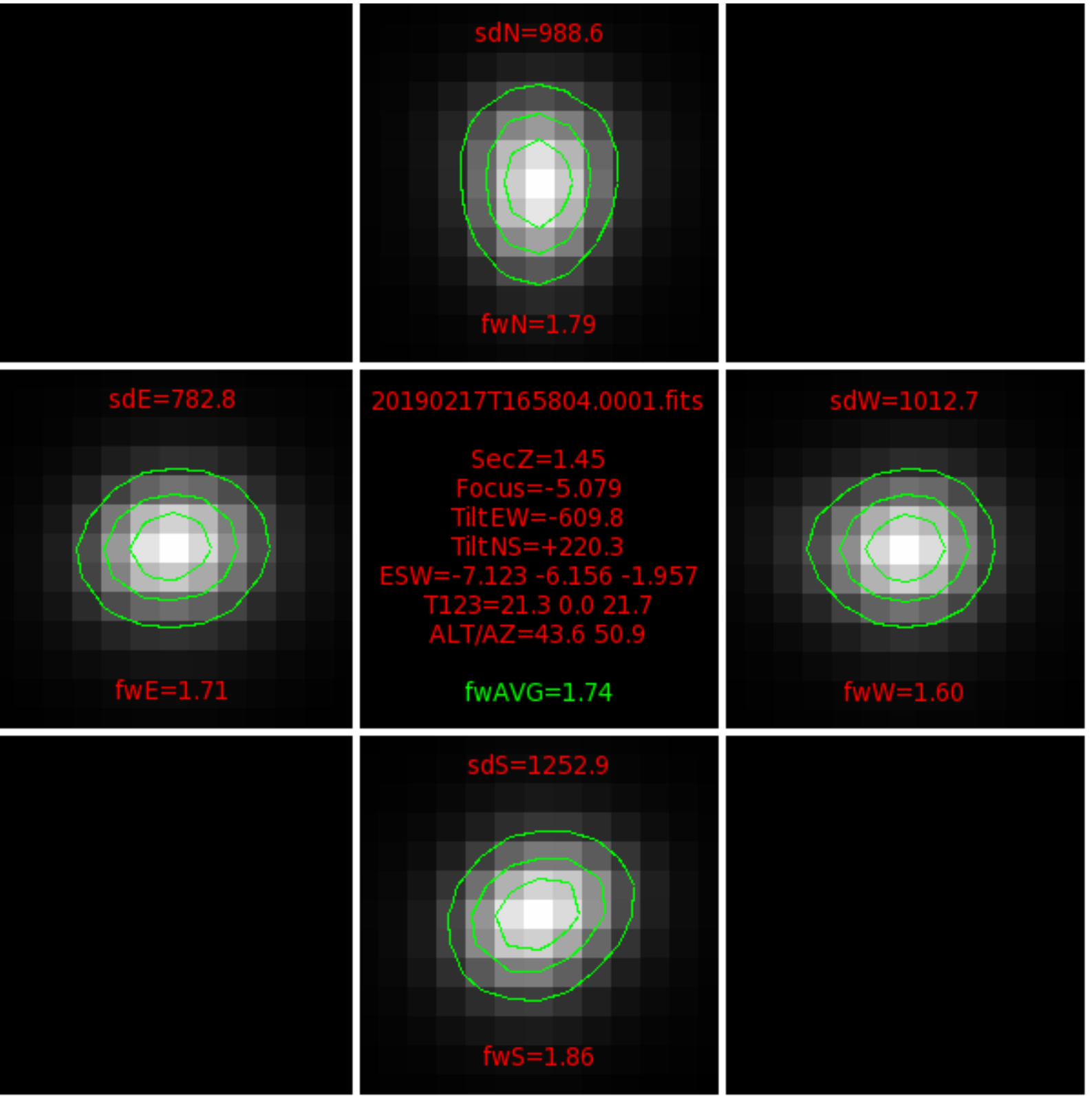
sdN=988.6
fwN=1.79
sdE=782.8
fwE=1.71
20190217T165804.0001.fits
SecZ=1.45
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=21.3 0.0 21.7
ALT/AZ=43.6 50.9
fwAVG=1.74
sdW=1012.7
fwW=1.60
sdS=1252.9
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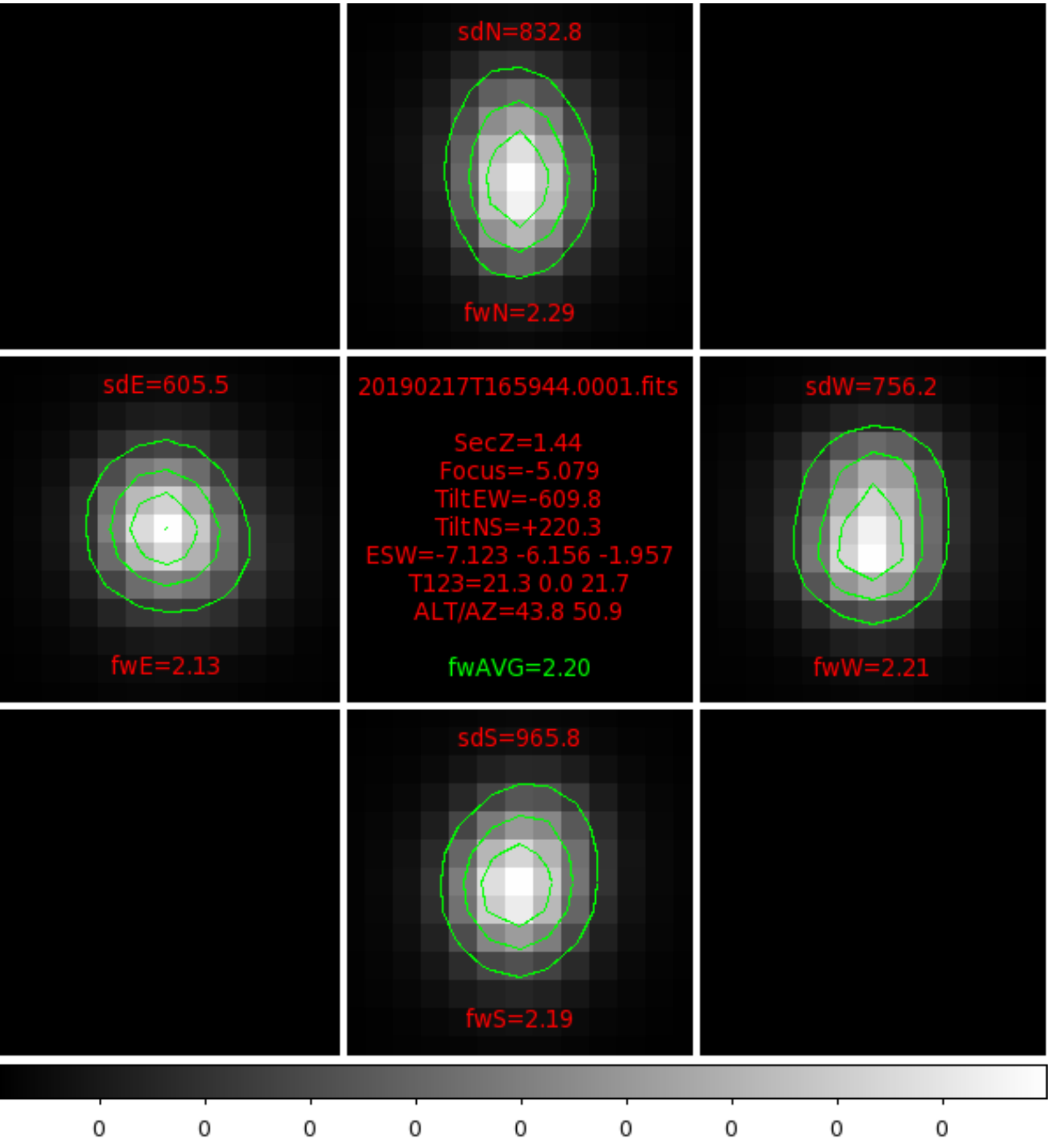
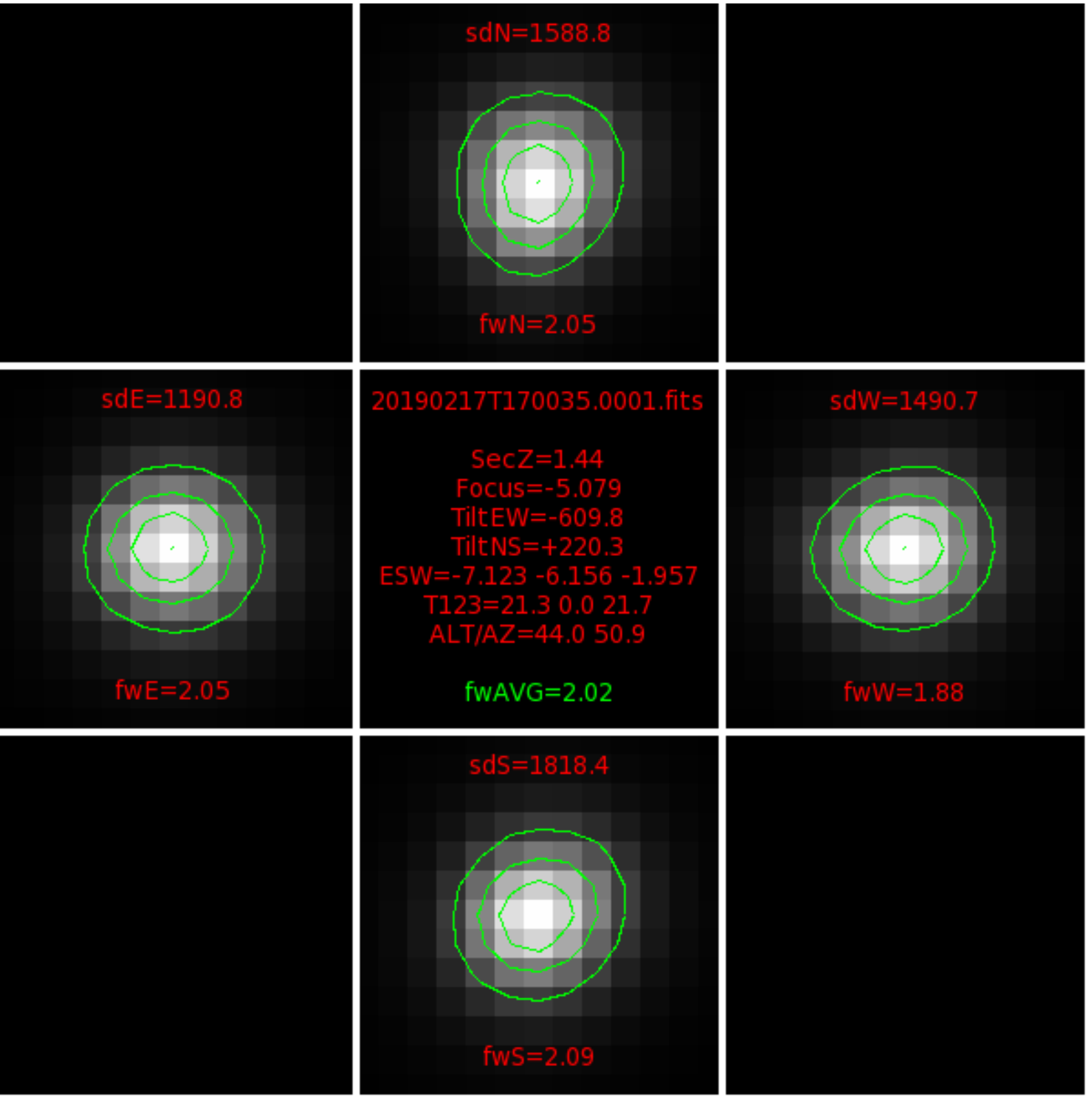

sdN=832.8
fwN=2.29
sdE=605.5
fwE=2.13
20190217T165944.0001.fits
SecZ=1.44
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=21.3 0.0 21.7
ALT/AZ=43.8 50.9
fwAVG=2.20
sdW=756.2
fwW=2.21
sdS=965.8
fwS=2.19
0 0 0 0 0 0 0 0 0


sdN=1588.8
fwN=2.05
sdE=1190.8
fwE=2.05
20190217T170035.0001.fits
SecZ=1.44
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=21.3 0.0 21.7
ALT/AZ=44.0 50.9
fwAVG=2.02
sdW=1490.7
fwW=1.88
sdS=1818.4
fwS=2.09
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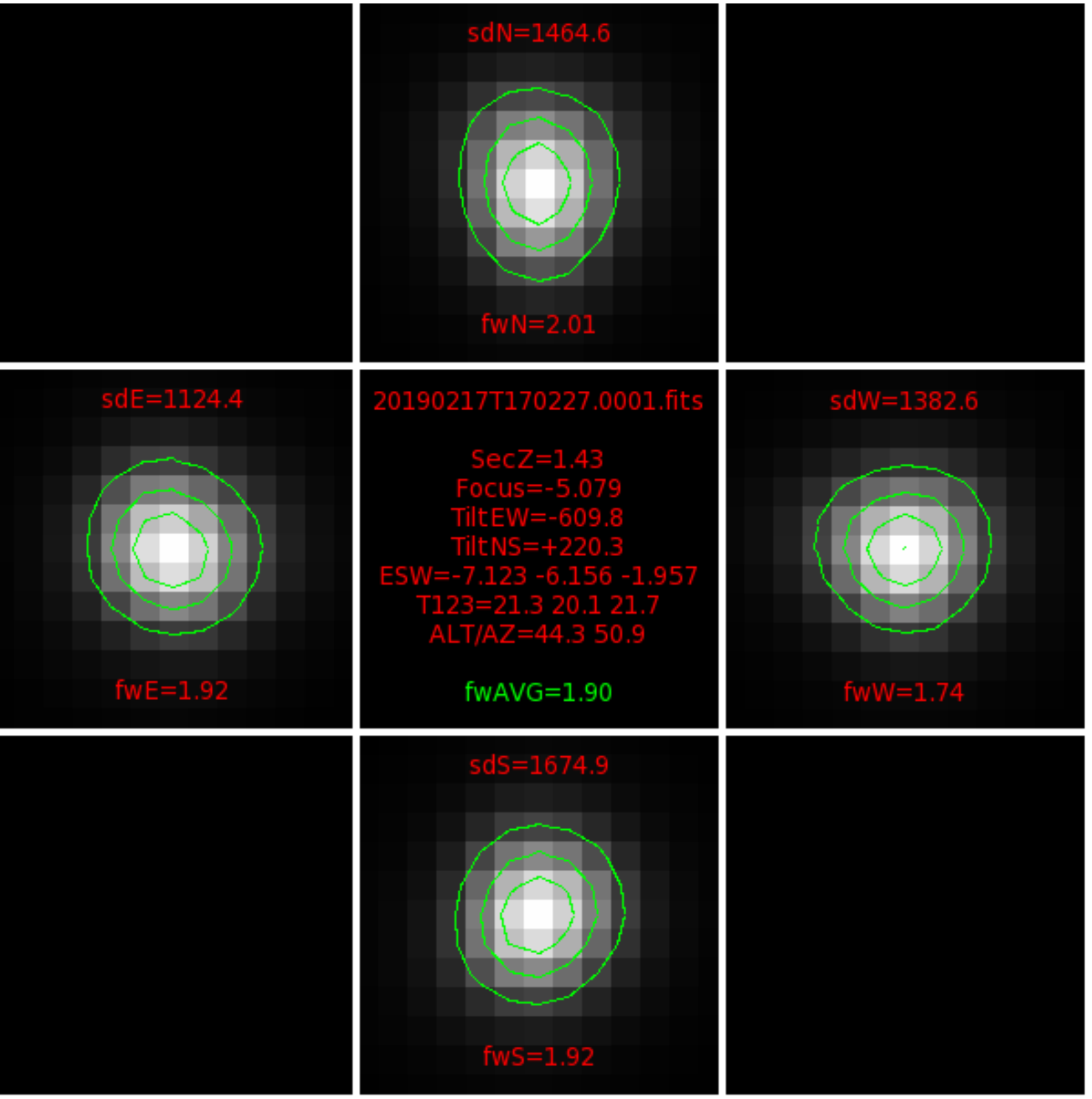
sdN=1464.6
fwN=2.01
sdE=1124.4
fwE=1.92
20190217T170227.0001.fits
SecZ=1.43
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=21.3 20.1 21.7
ALT/AZ=44.3 50.9
fwAVG=1.90
sdW=1382.6
fwW=1.74
sdS=1674.9
fwS=1.92
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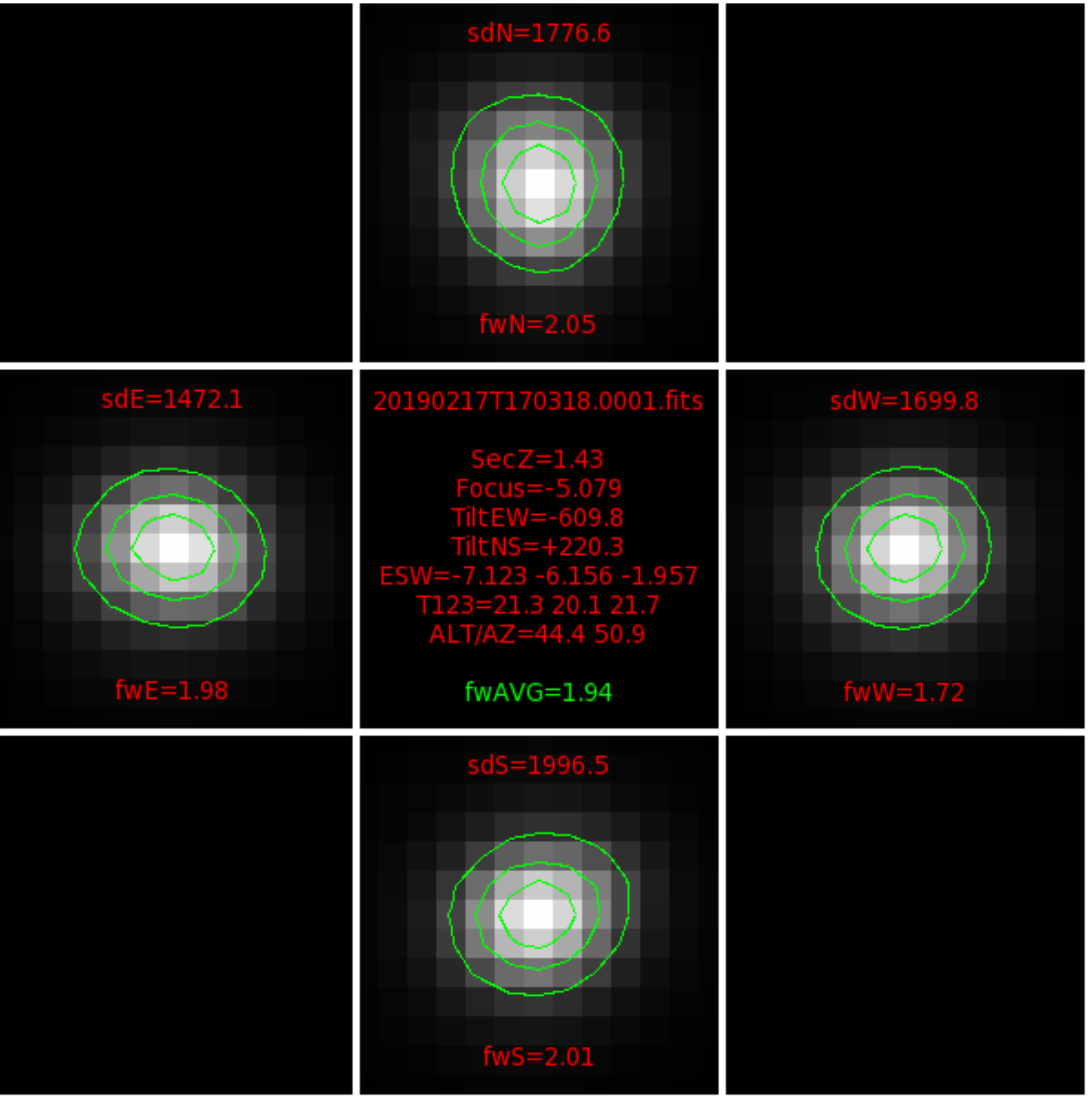
sdN=1776.6
fwN=2.05
sdE=1472.1
fwE=1.98
20190217T170318.0001.fits
SecZ=1.43
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=21.3 20.1 21.7
ALT/AZ=44.4 50.9
fwAVG=1.94
sdW=1699.8
fwW=1.72
sdS=1996.5
fwS=2.01
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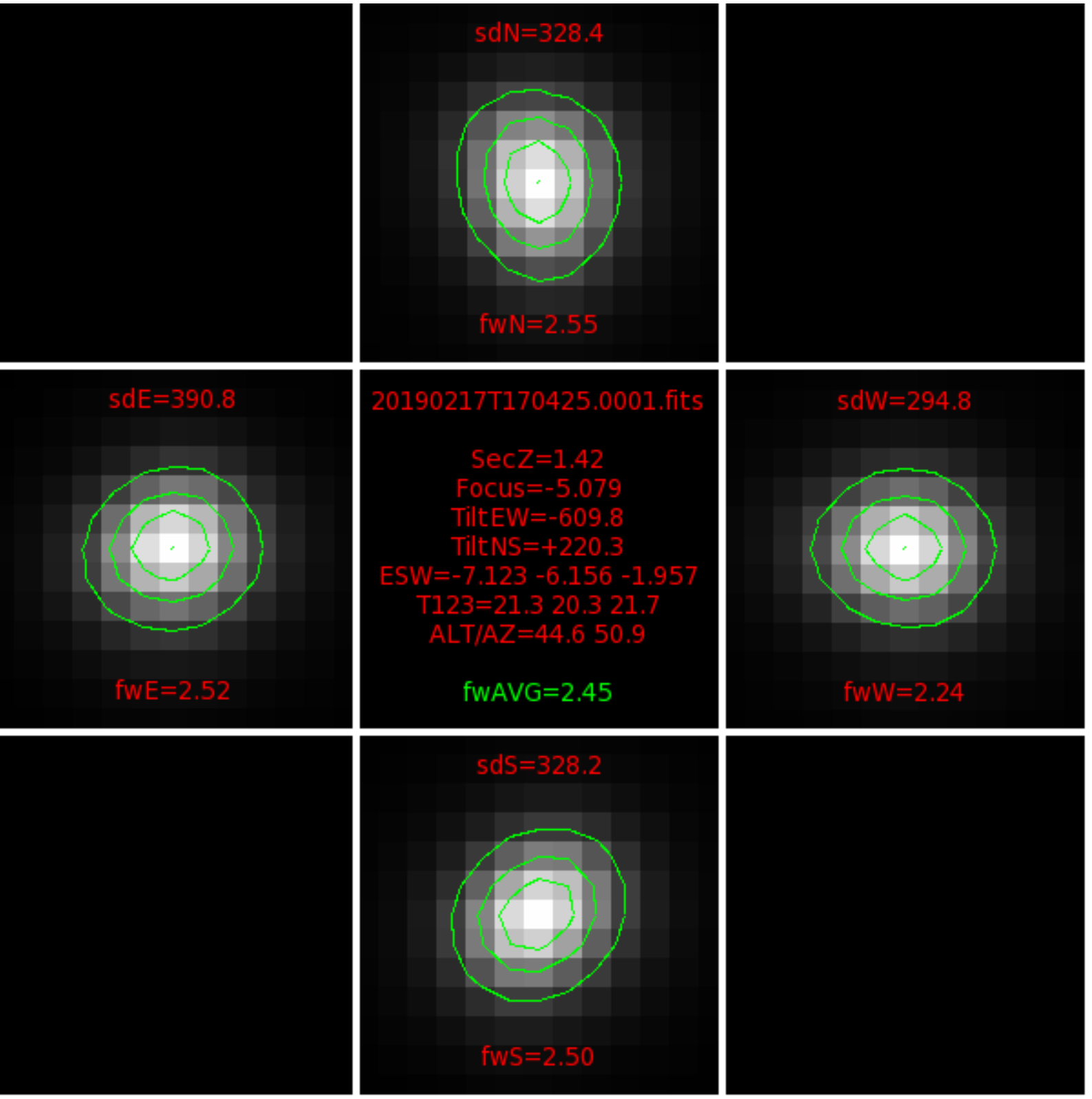
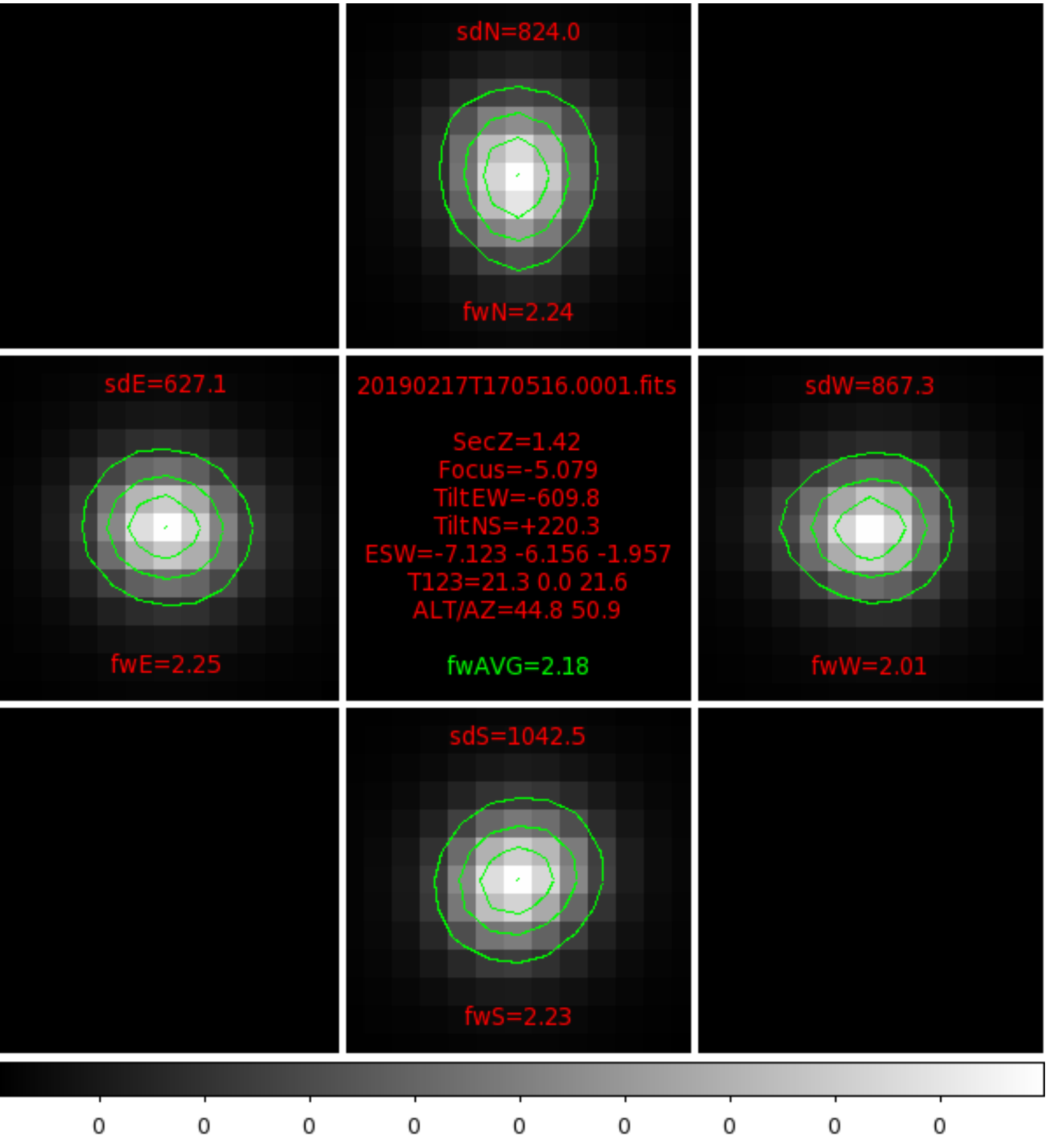

sdN=328.4
fwN=2.55
sdE=390.8
fwE=2.52
20190217T170425.0001.fits
SecZ=1.42
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=21.3 20.3 21.7
ALT/AZ=44.6 50.9
fwAVG=2.45
sdW=294.8
fwW=2.24
sdS=328.2
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=824.0
fwN=2.24
sdE=627.1
fwE=2.25
20190217T170516.0001.fits
SecZ=1.42
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=21.3 0.0 21.6
ALT/AZ=44.8 50.9
fwAVG=2.18
sdW=867.3
fwW=2.01
sdS=1042.5
fwS=2.23
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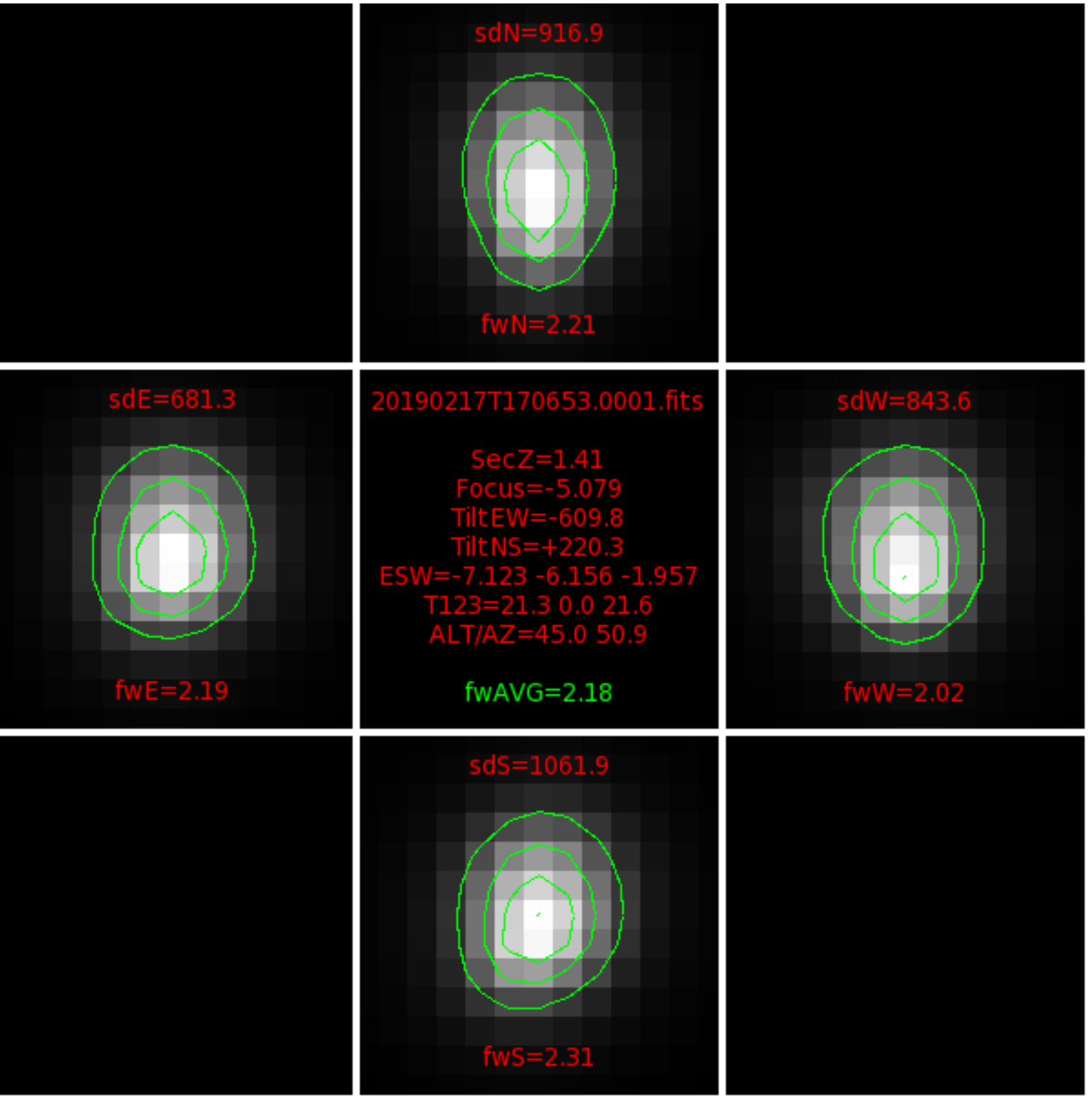
sdN=916.9
fwN=2.21
sdE=681.3
fwE=2.19
20190217T170653.0001.fits
SecZ=1.41
Focus=-5.079
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.123 -6.156 -1.957
T123=21.3 0.0 21.6
ALT/AZ=45.0 50.9
fwAVG=2.18
sdW=843.6
fwW=2.02
sdS=1061.9
fwS=2.31
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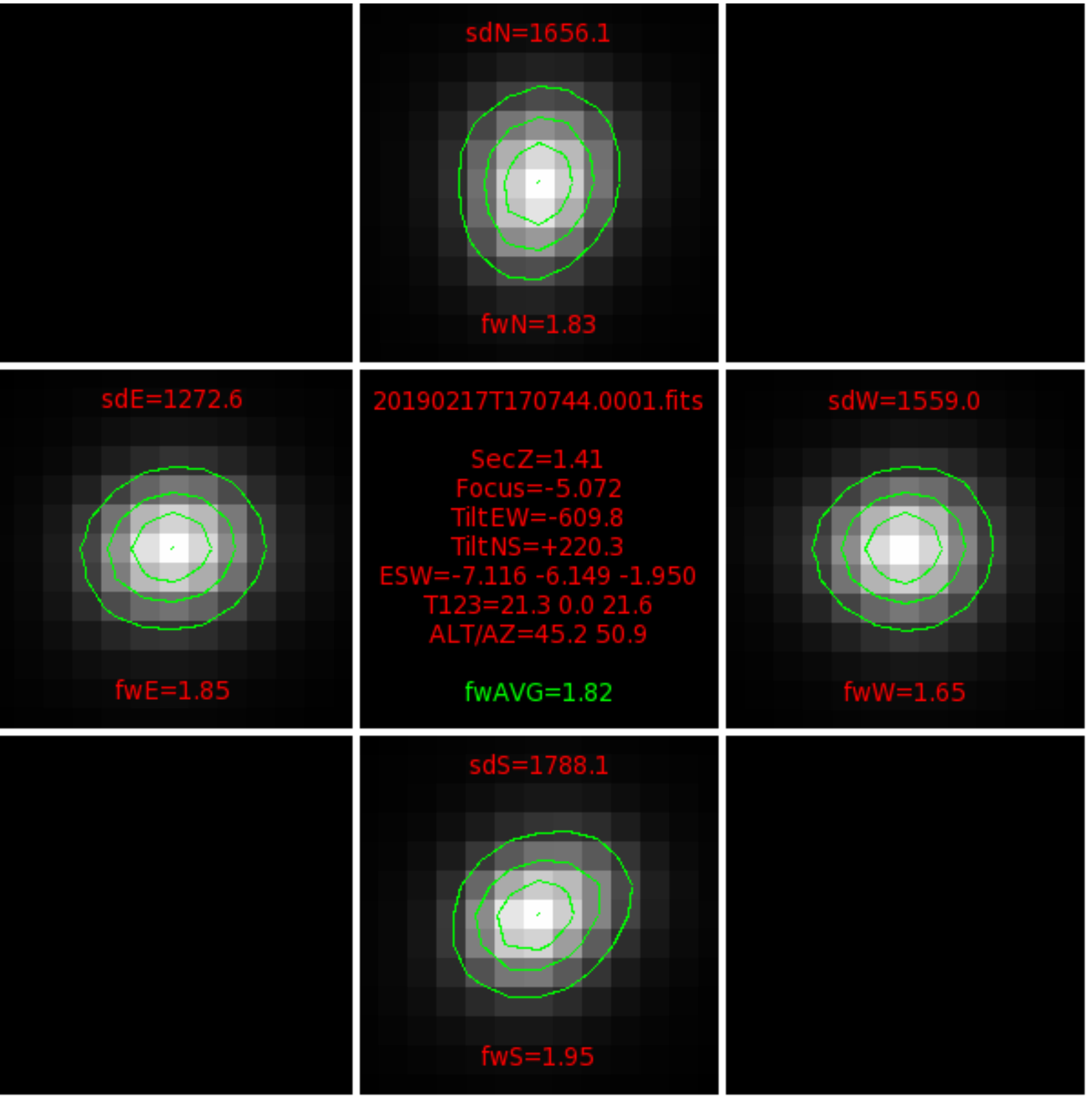
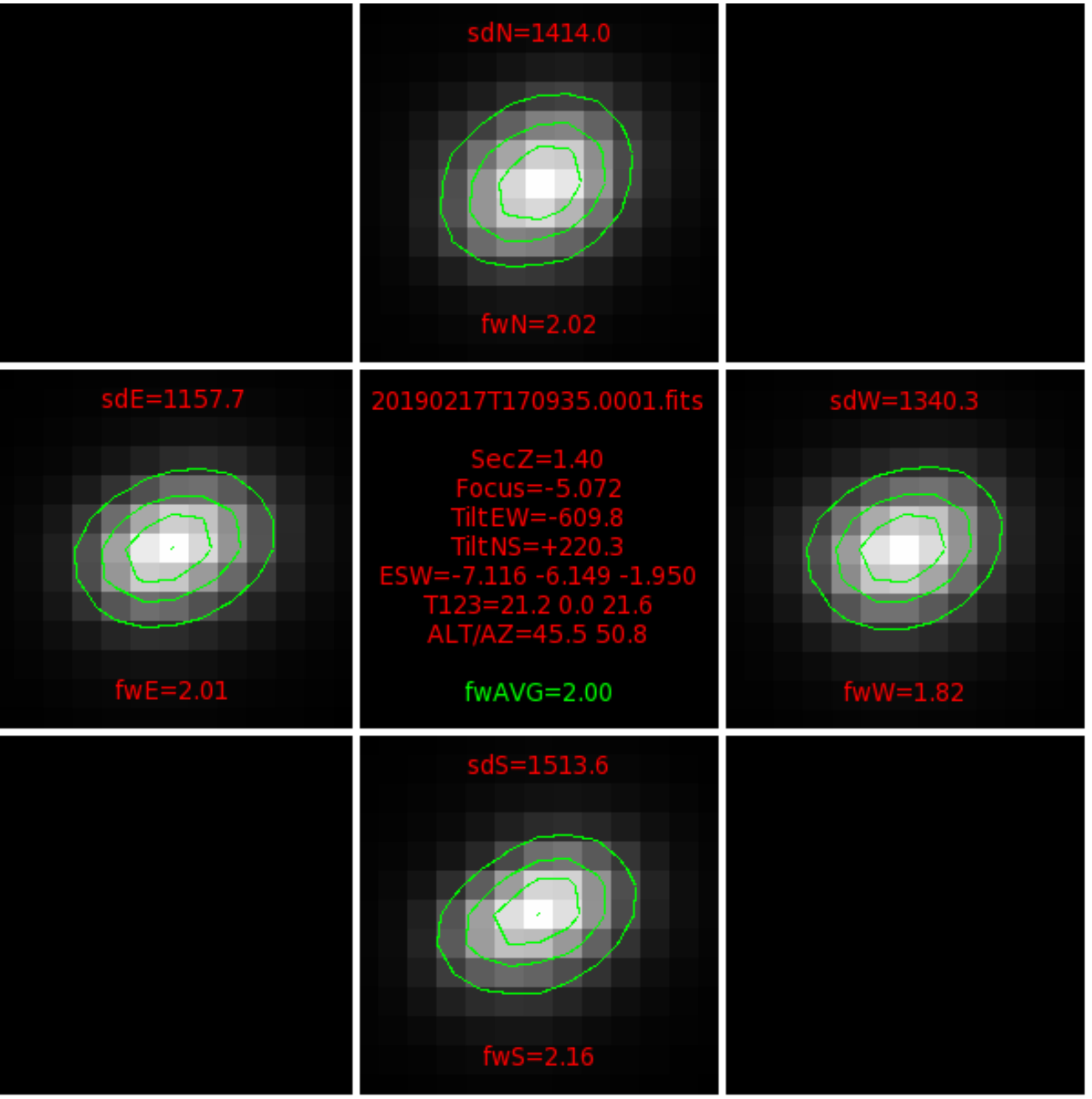

sdN=1656.1
fwN=1.83
sdE=1272.6
fwE=1.85
20190217T170744.0001.fits
SecZ=1.41
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.3 0.0 21.6
ALT/AZ=45.2 50.9
fwAVG=1.82
sdW=1559.0
fwW=1.65
sdS=1788.1
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=1414.0
fwN=2.02
sdE=1157.7
fwE=2.01
20190217T170935.0001.fits
SecZ=1.40
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.2 0.0 21.6
ALT/AZ=45.5 50.8
fwAVG=2.00
sdW=1340.3
fwW=1.82
sdS=1513.6
fwS=2.16
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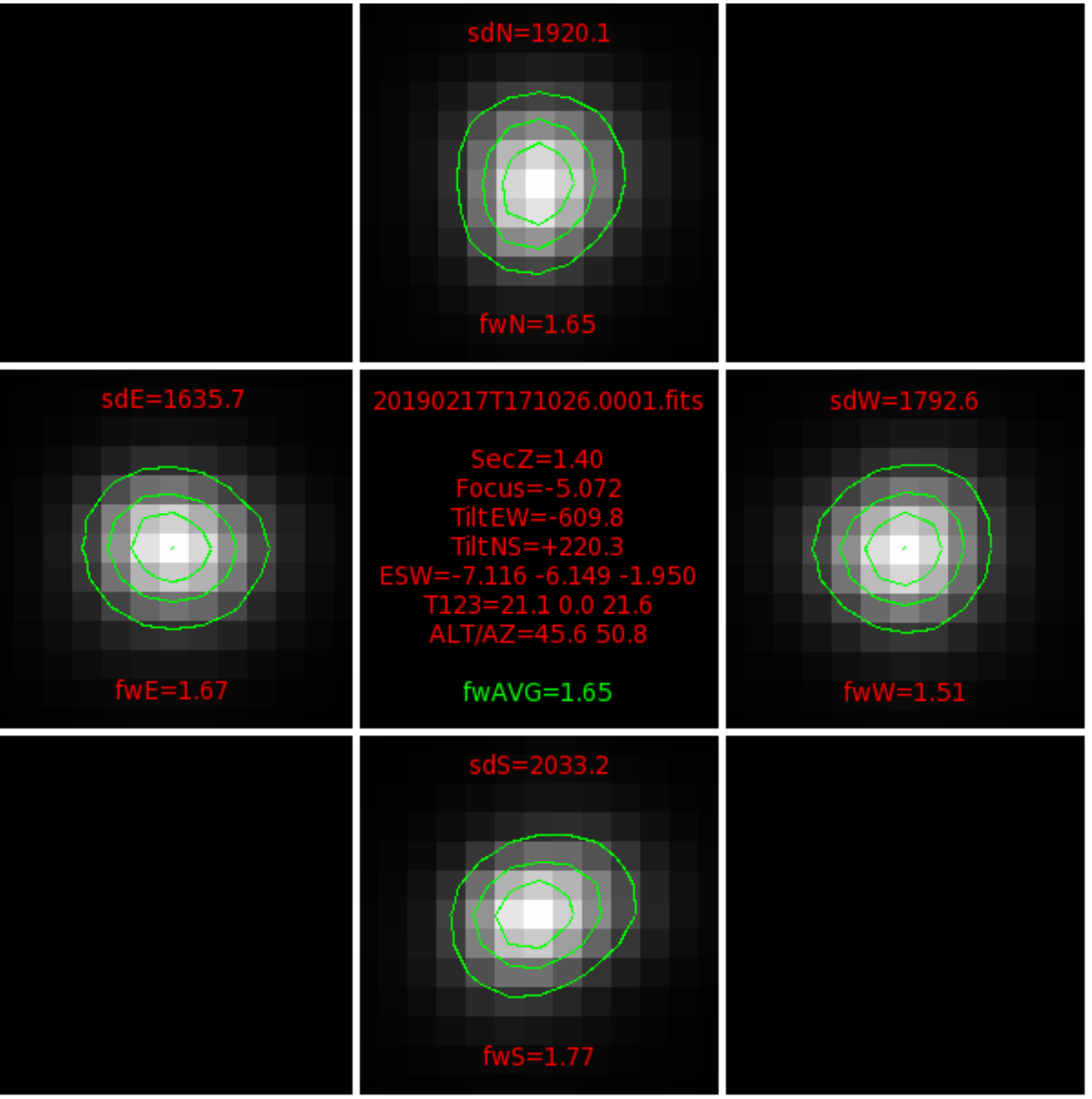
sdN=1920.1
fwN=1.65
sdE=1635.7
fwE=1.67
20190217T171026.0001.fits
SecZ=1.40
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.1 0.0 21.6
ALT/AZ=45.6 50.8
fwAVG=1.65
sdW=1792.6
fwW=1.51
sdS=2033.2
fwS=1.77
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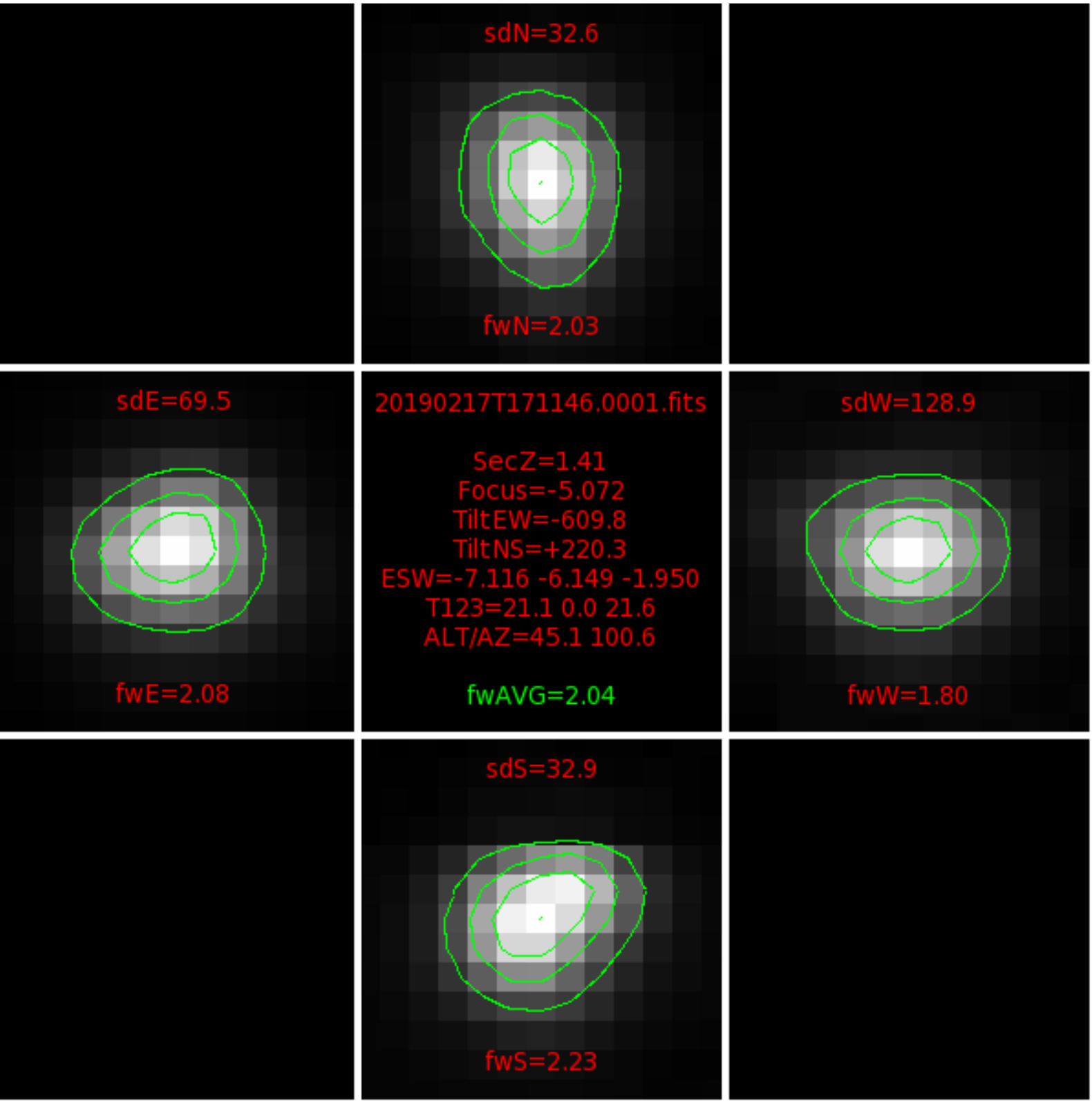
sdN=32.6
fwN=2.03
sdE=69.5
fwE=2.08
20190217T171146.0001.fits
SecZ=1.41
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.1 0.0 21.6
ALT/AZ=45.1 100.6
fwAVG=2.04
sdW=128.9
fwW=1.80
sdS=32.9
fwS=2.23
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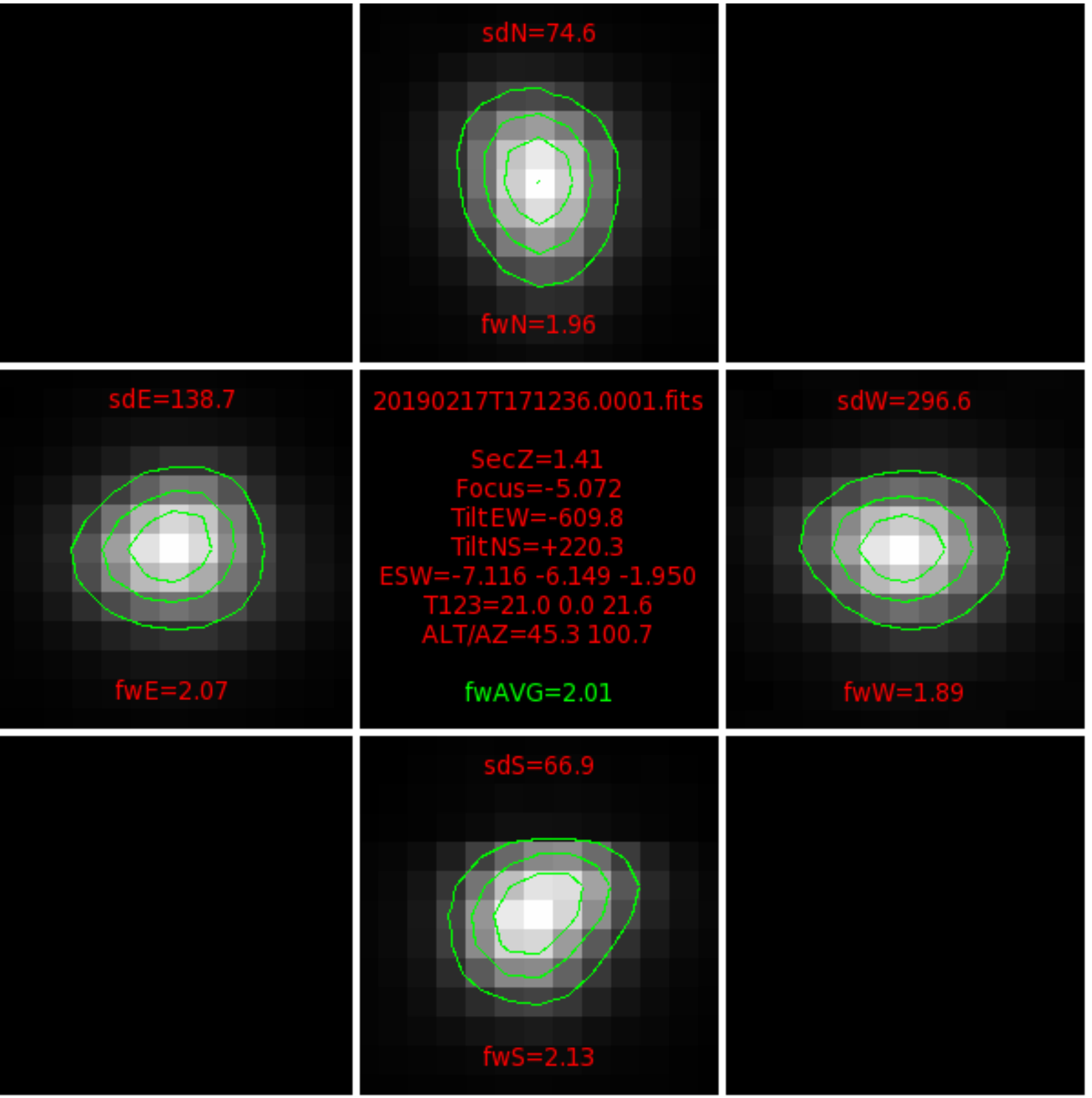
sdN=74.6
fwN=1.96
sdE=138.7
fwE=2.07
20190217T171236.0001.fits
SecZ=1.41
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.0 0.0 21.6
ALT/AZ=45.3 100.7
fwAVG=2.01
sdW=296.6
fwW=1.89
sdS=66.9
fwS=2.13
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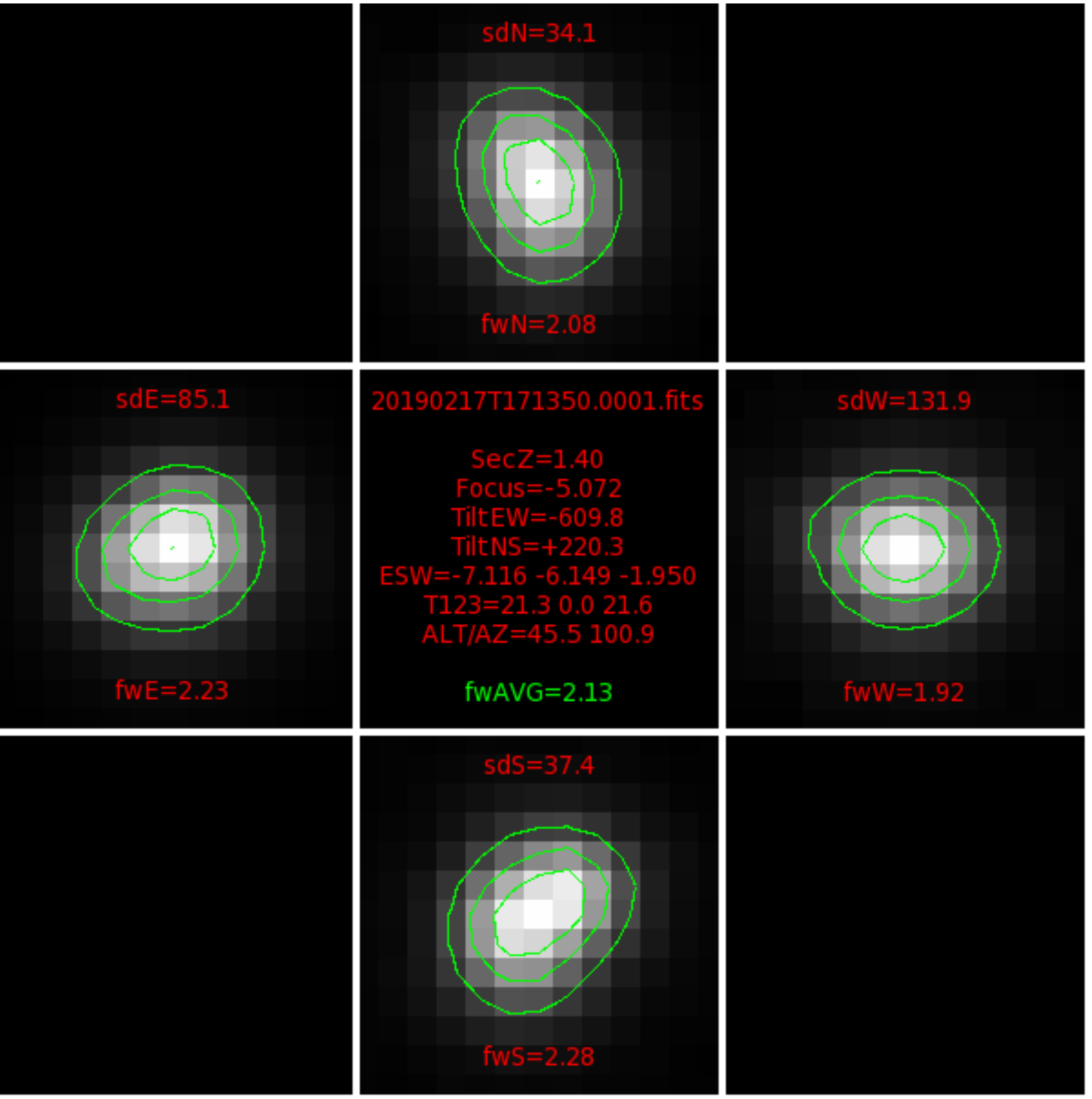
sdN=34.1
fwN=2.08
sdE=85.1
fwE=2.23
20190217T171350.0001.fits
SecZ=1.40
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.3 0.0 21.6
ALT/AZ=45.5 100.9
fwAVG=2.13
sdW=131.9
fwW=1.92
sdS=37.4
fwS=2.28
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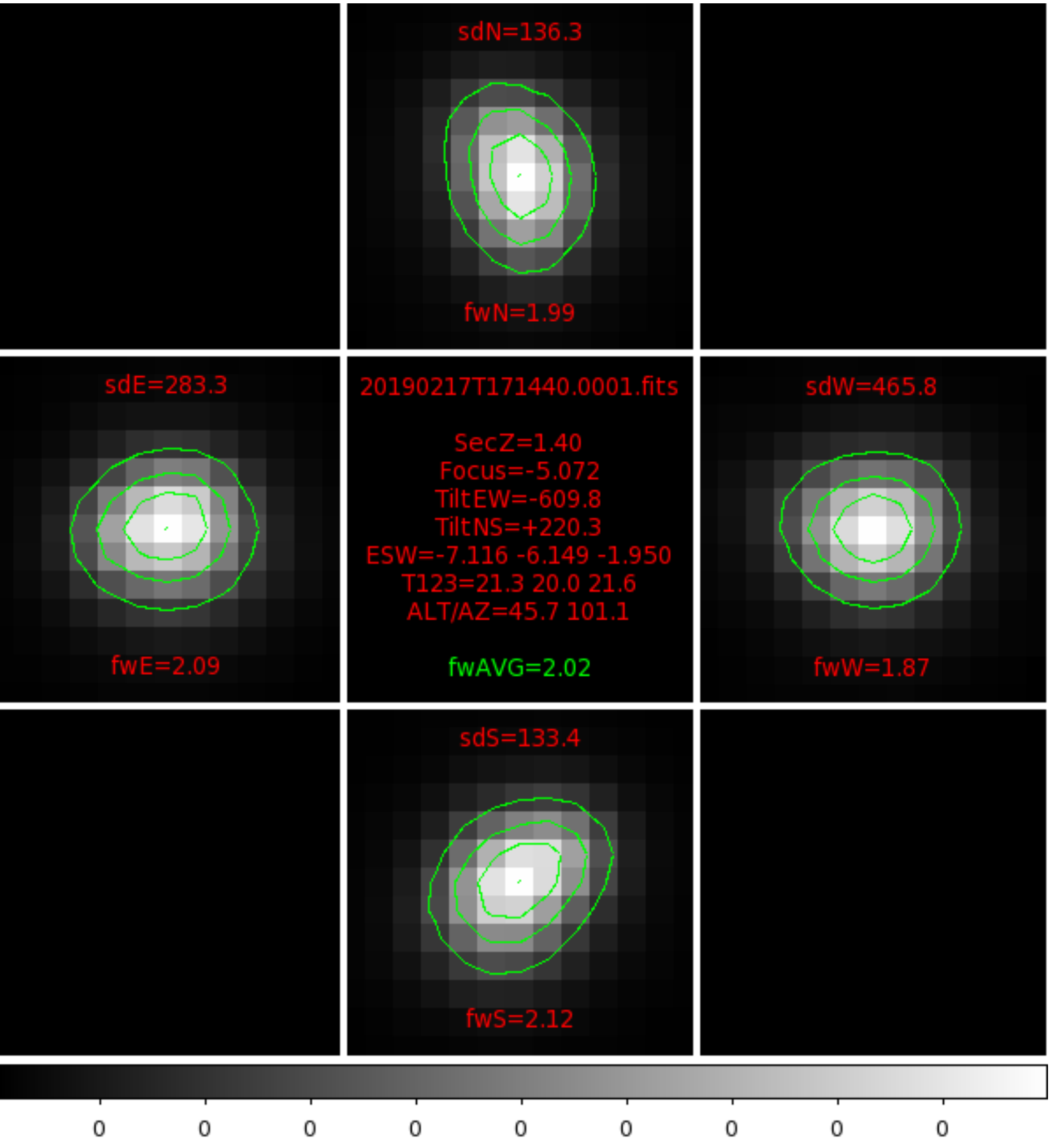
sdN=136.3
fwN=1.99
sdE=283.3
fwE=2.09
20190217T171440.0001.fits
SecZ=1.40
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.3 20.0 21.6
ALT/AZ=45.7 101.1
fwAVG=2.02
sdW=465.8
fwW=1.87
sdS=133.4
fwS=2.12
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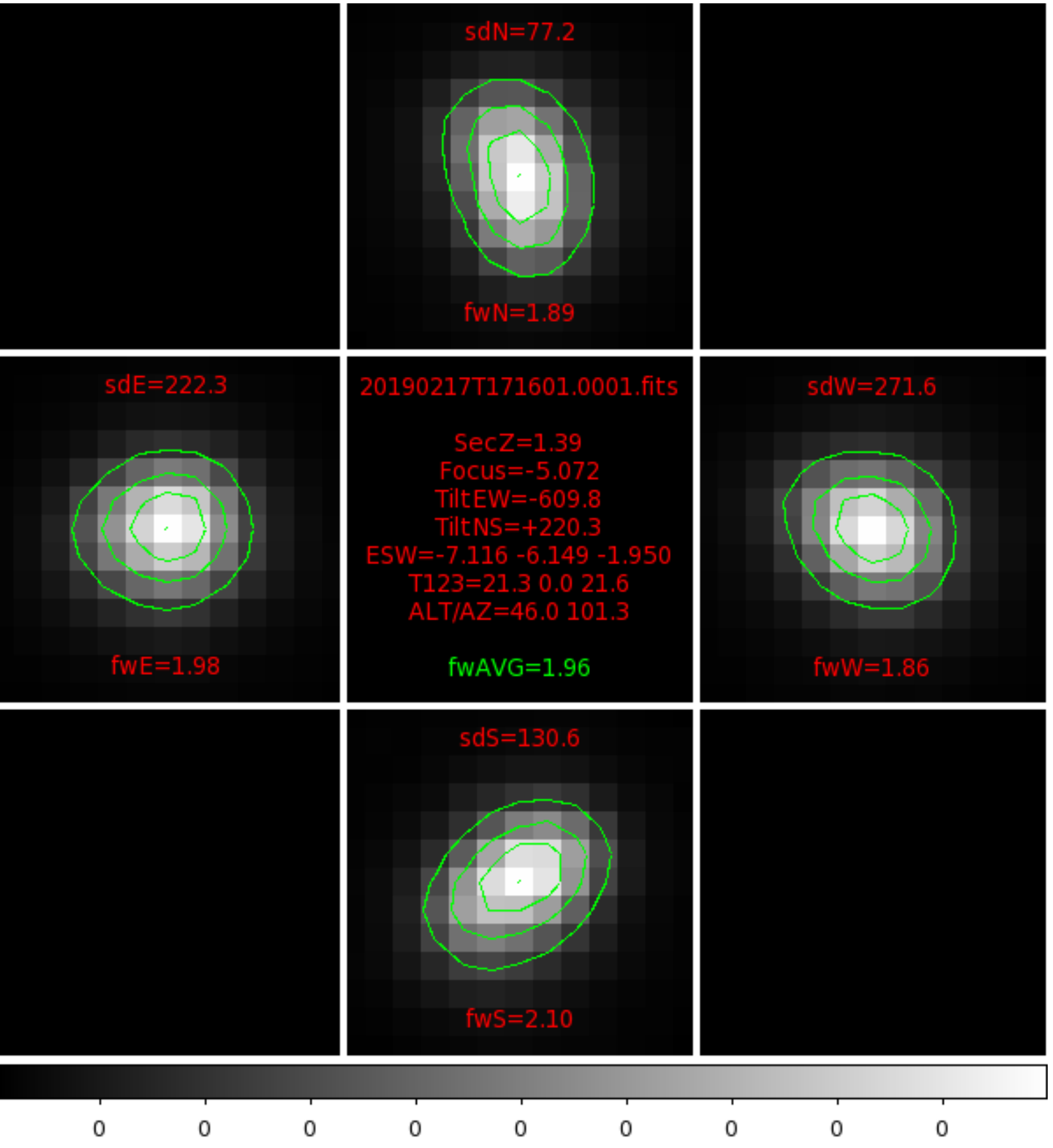
sdN=77.2
fwN=1.89
sdE=222.3
fwE=1.98
20190217T171601.0001.fits
SecZ=1.39
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.3 0.0 21.6
ALT/AZ=46.0 101.3
fwAVG=1.96
sdW=271.6
fwW=1.86
sdS=130.6
fwS=2.10
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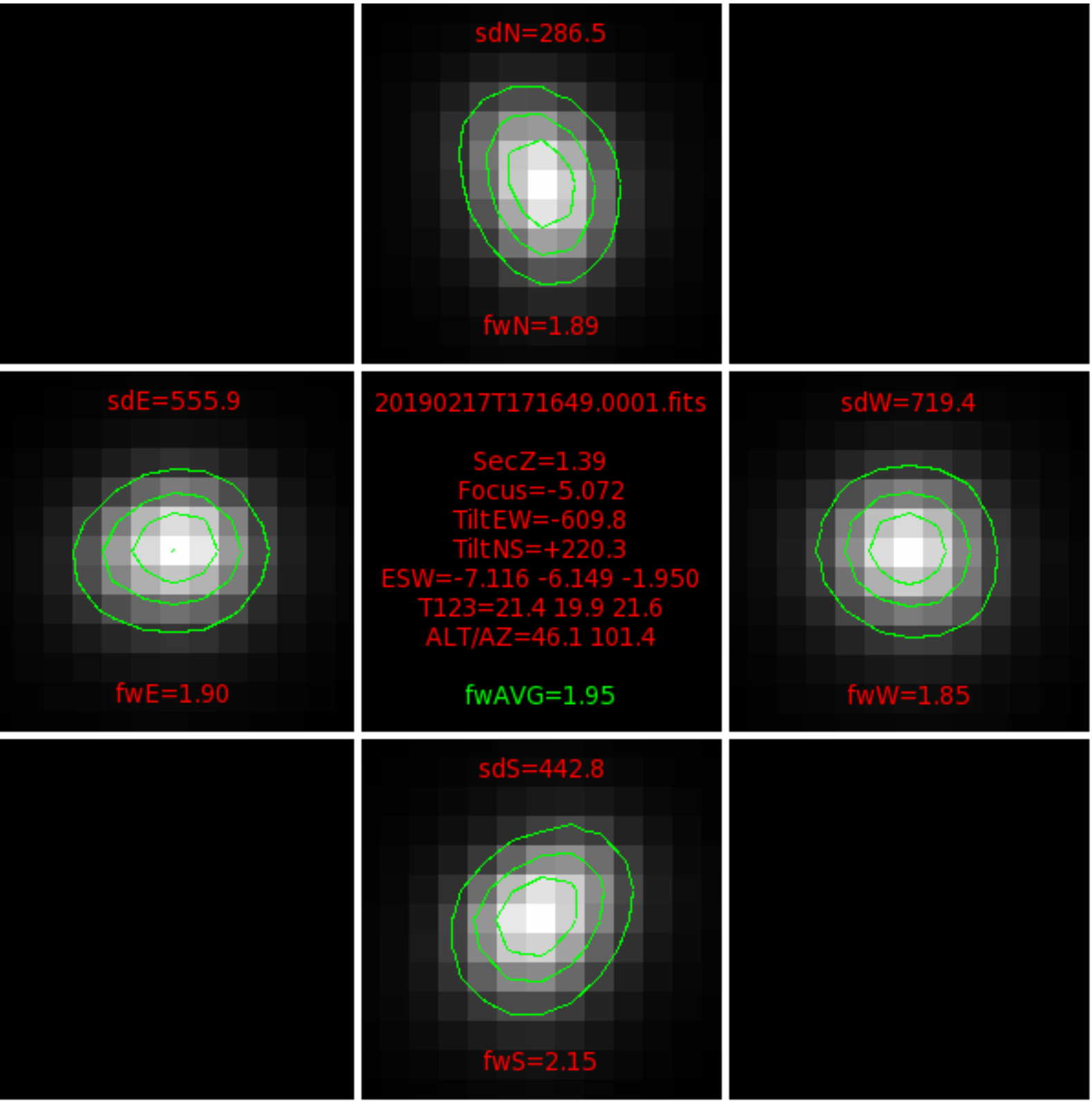
sdN=286.5
fwN=1.89
sdE=555.9
fwE=1.90
20190217T171649.0001.fits
SecZ=1.39
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.4 19.9 21.6
ALT/AZ=46.1 101.4
fwAVG=1.95
sdW=719.4
fwW=1.85
sdS=442.8
fwS=2.15
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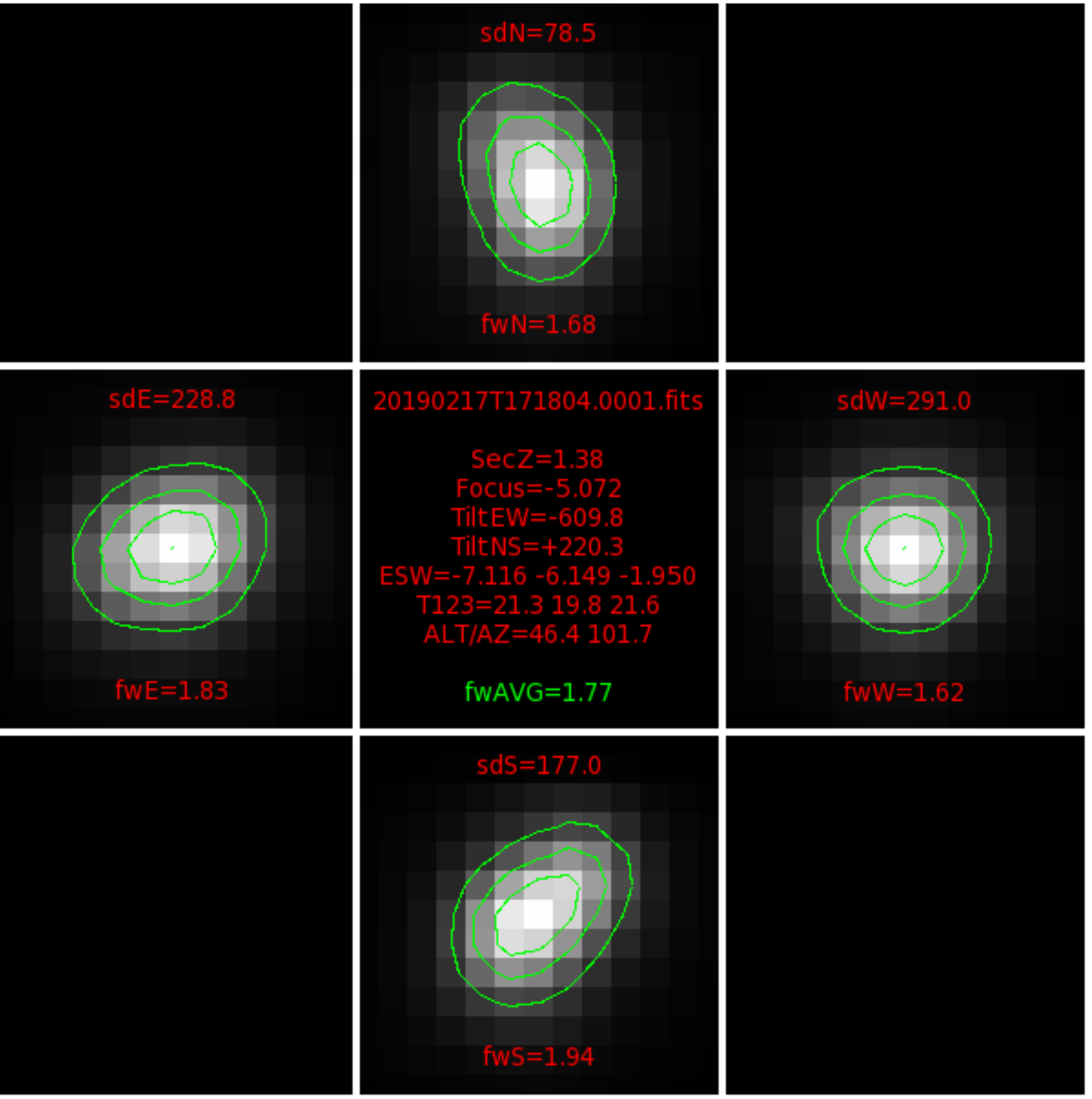
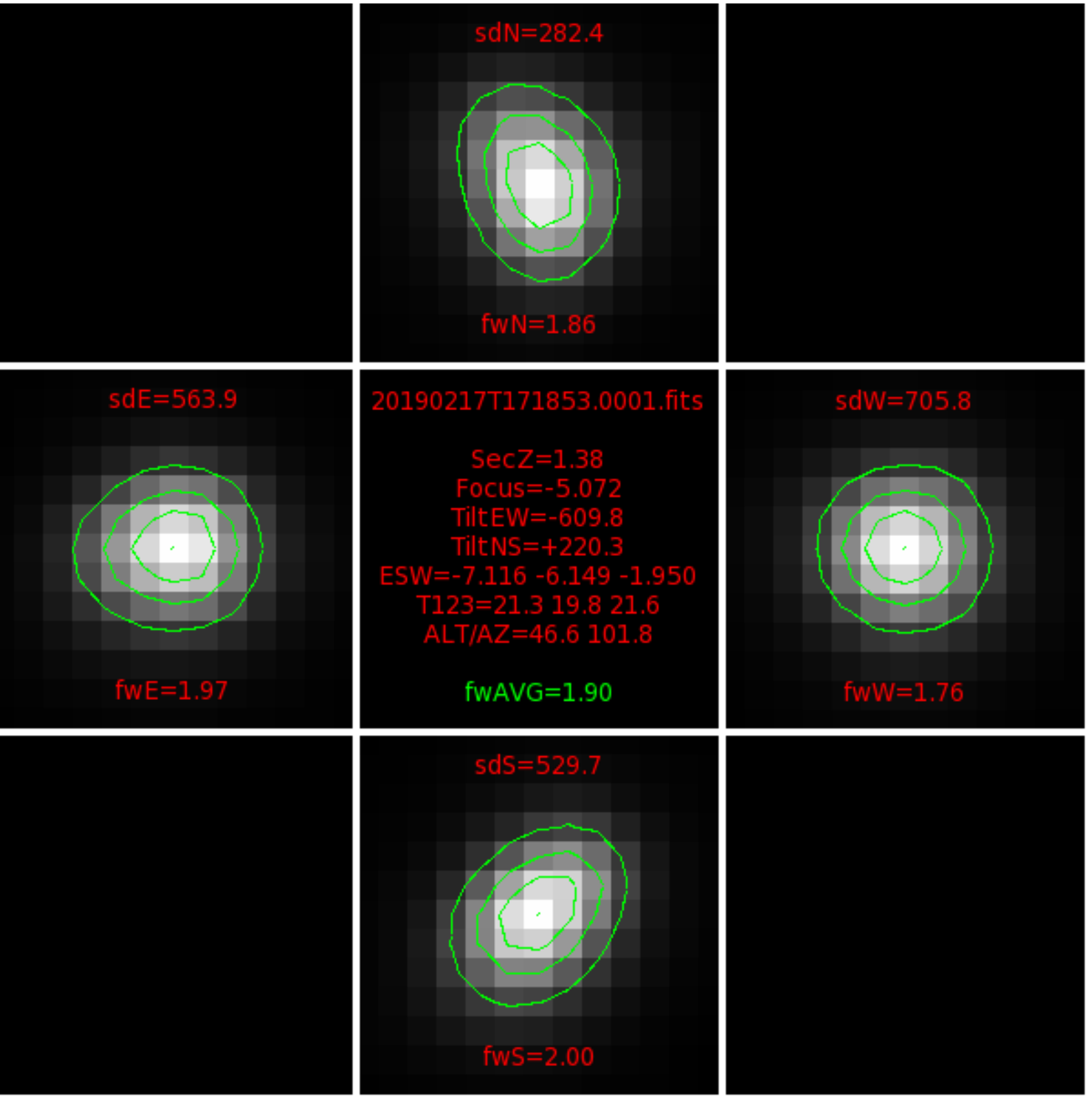

sdN=78.5
fwN=1.68
sdE=228.8
fwE=1.83
20190217T171804.0001.fits
SecZ=1.38
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.3 19.8 21.6
ALT/AZ=46.4 101.7
fwAVG=1.77
sdW=291.0
fwW=1.62
sdS=177.0
fwS=1.94
0 0 0 0 0 0 0 0 0


sdN=282.4
fwN=1.86
sdE=563.9
fwE=1.97
20190217T171853.0001.fits
SecZ=1.38
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.3 19.8 21.6
ALT/AZ=46.6 101.8
fwAVG=1.90
sdW=705.8
fwW=1.76
sdS=529.7
fwS=2.00
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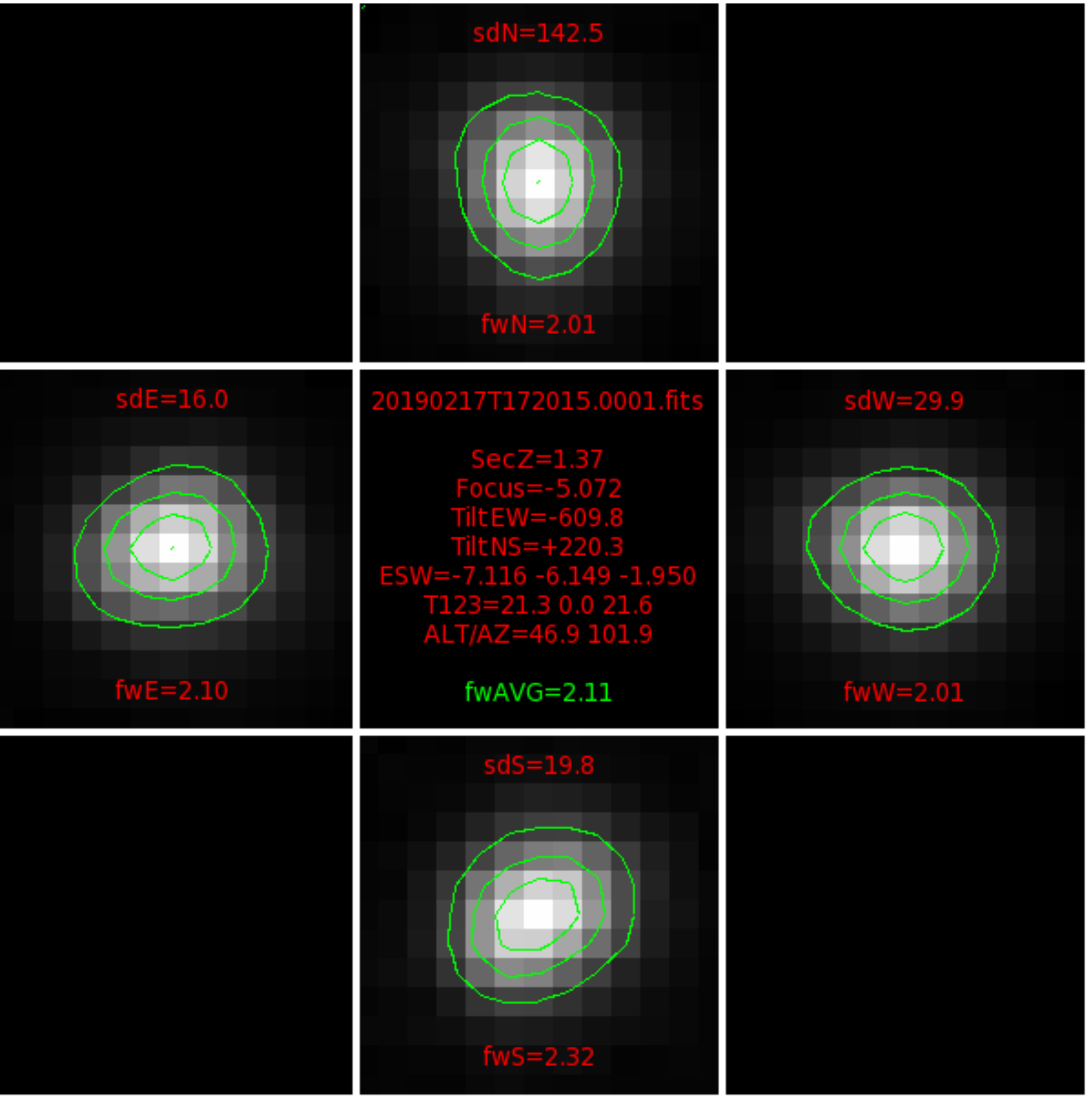
sdN=142.5
fwN=2.01
sdE=16.0
fwE=2.10
20190217T172015.0001.fits
SecZ=1.37
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.3 0.0 21.6
ALT/AZ=46.9 101.9
fwAVG=2.11
sdW=29.9
fwW=2.01
sdS=19.8
fwS=2.32
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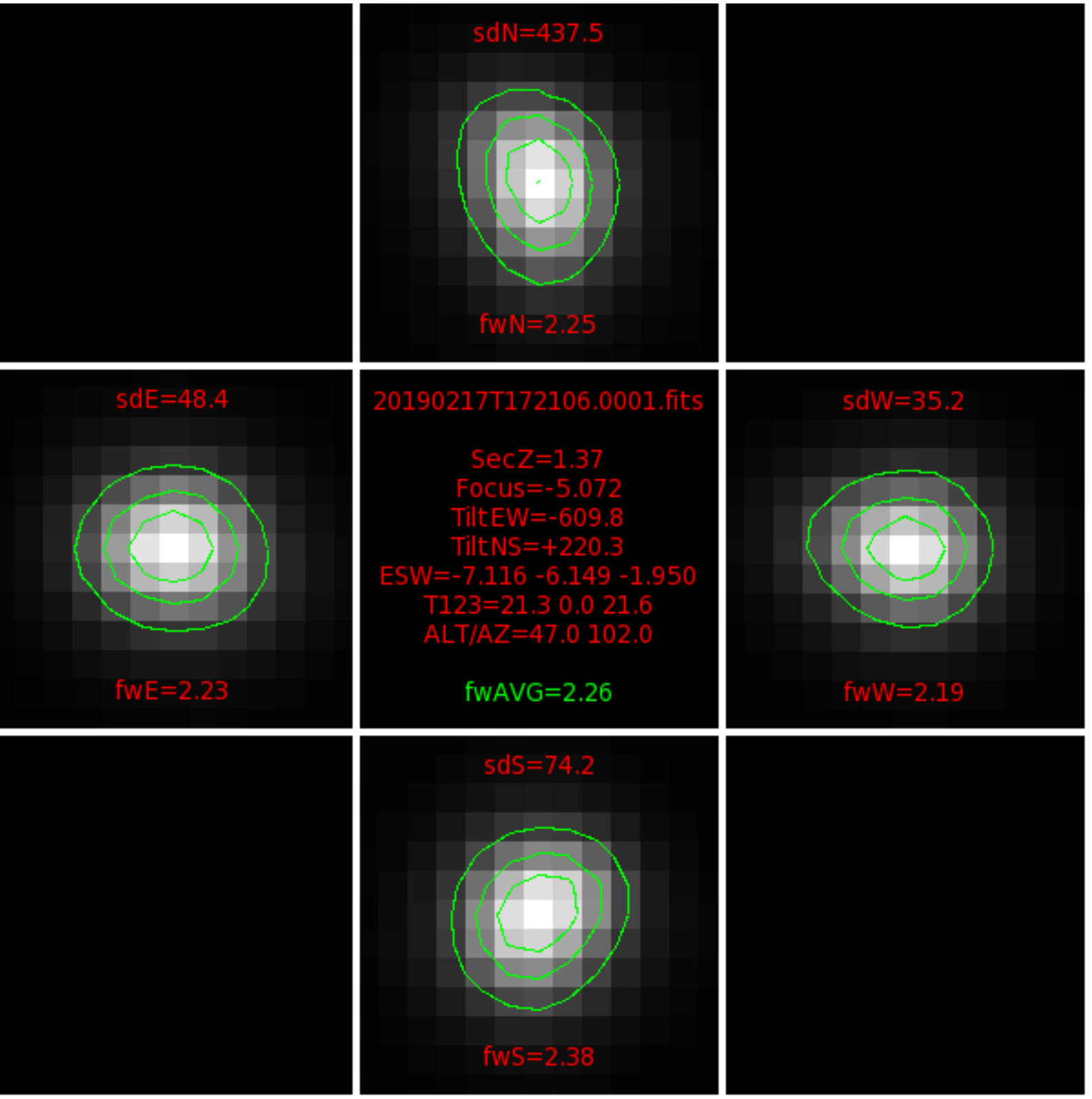
sdN=437.5
fwN=2.25
sdE=48.4
fwE=2.23
20190217T172106.0001.fits
SecZ=1.37
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.3 0.0 21.6
ALT/AZ=47.0 102.0
fwAVG=2.26
sdW=35.2
fwW=2.19
sdS=74.2
fwS=2.38
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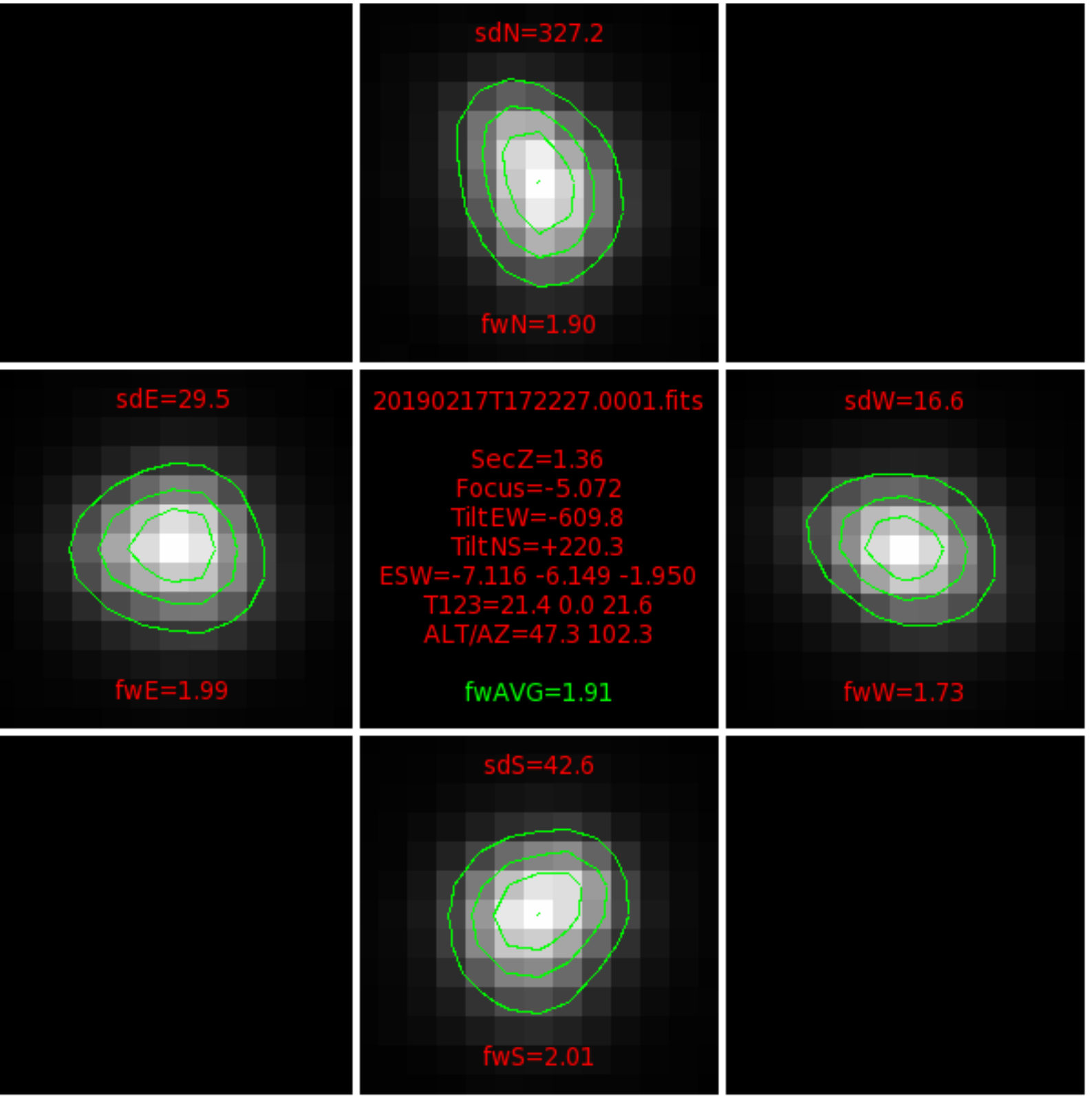
sdN=327.2
fwN=1.90
sdE=29.5
fwE=1.99
20190217T172227.0001.fits
SecZ=1.36
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.4 0.0 21.6
ALT/AZ=47.3 102.3
fwAVG=1.91
sdW=16.6
fwW=1.73
sdS=42.6
fwS=2.01
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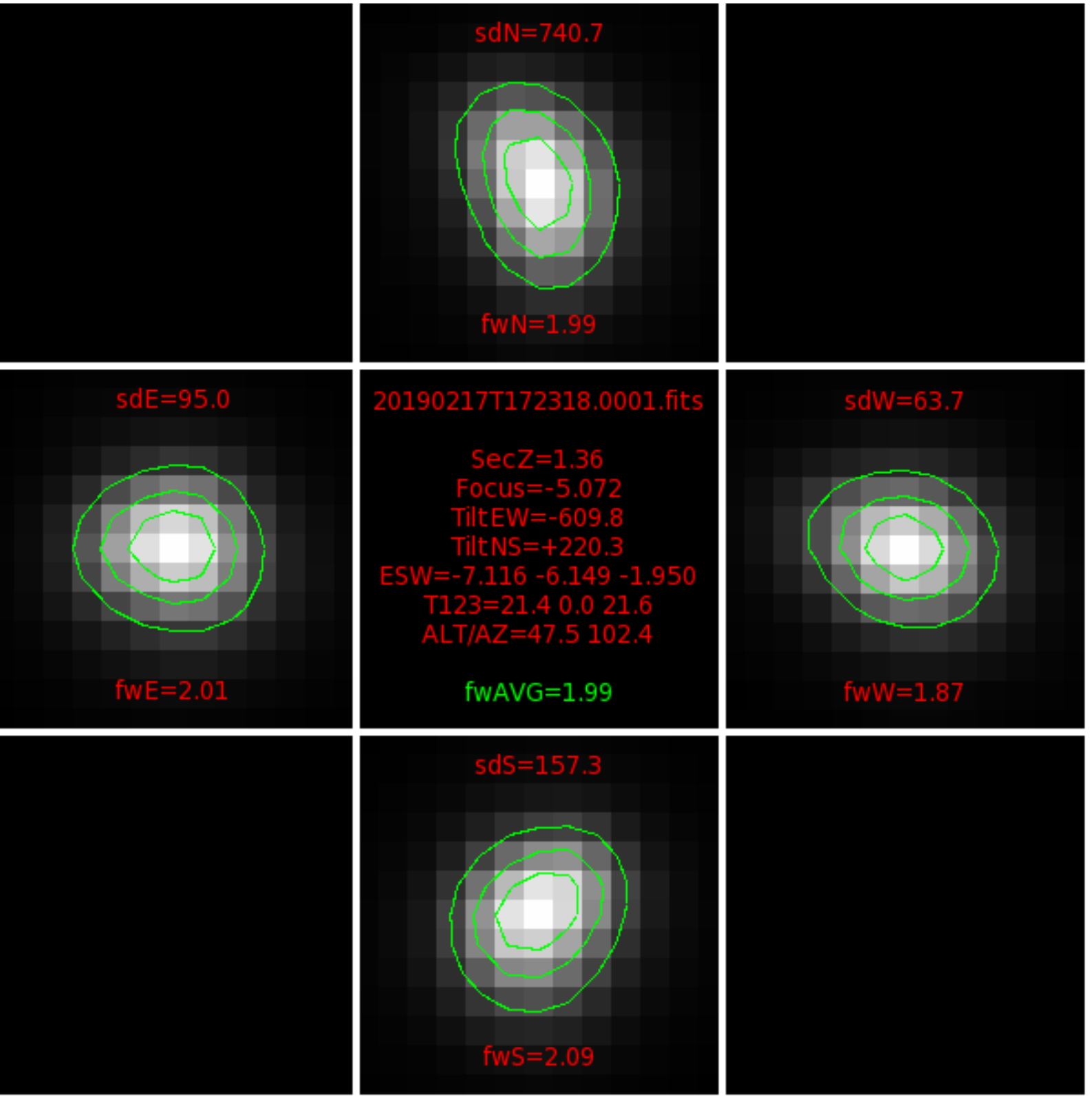
sdN=740.7
fwN=1.99
sdE=95.0
fwE=2.01
20190217T172318.0001.fits
SecZ=1.36
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.4 0.0 21.6
ALT/AZ=47.5 102.4
fwAVG=1.99
sdW=63.7
fwW=1.87
sdS=157.3
fwS=2.09
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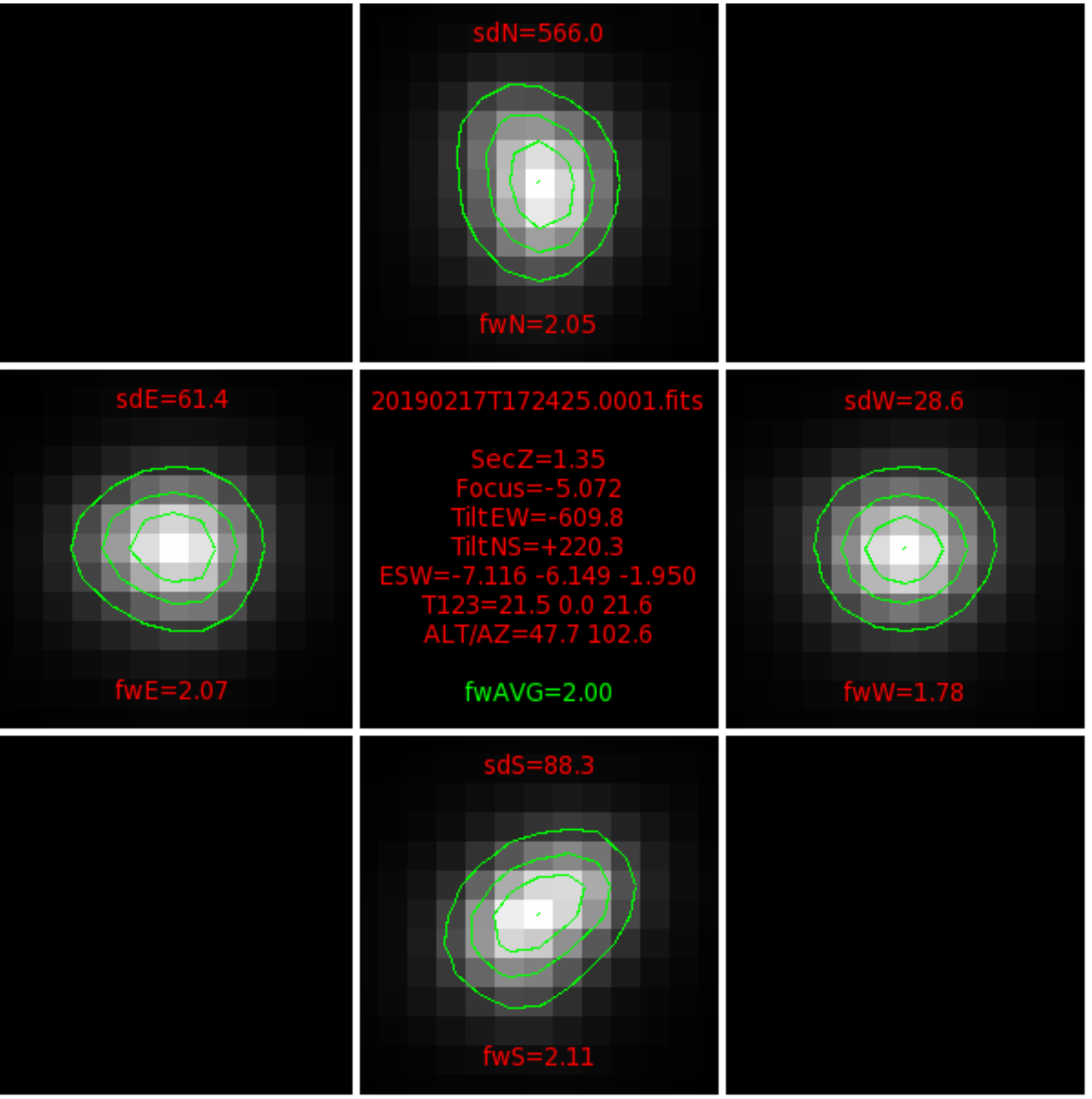
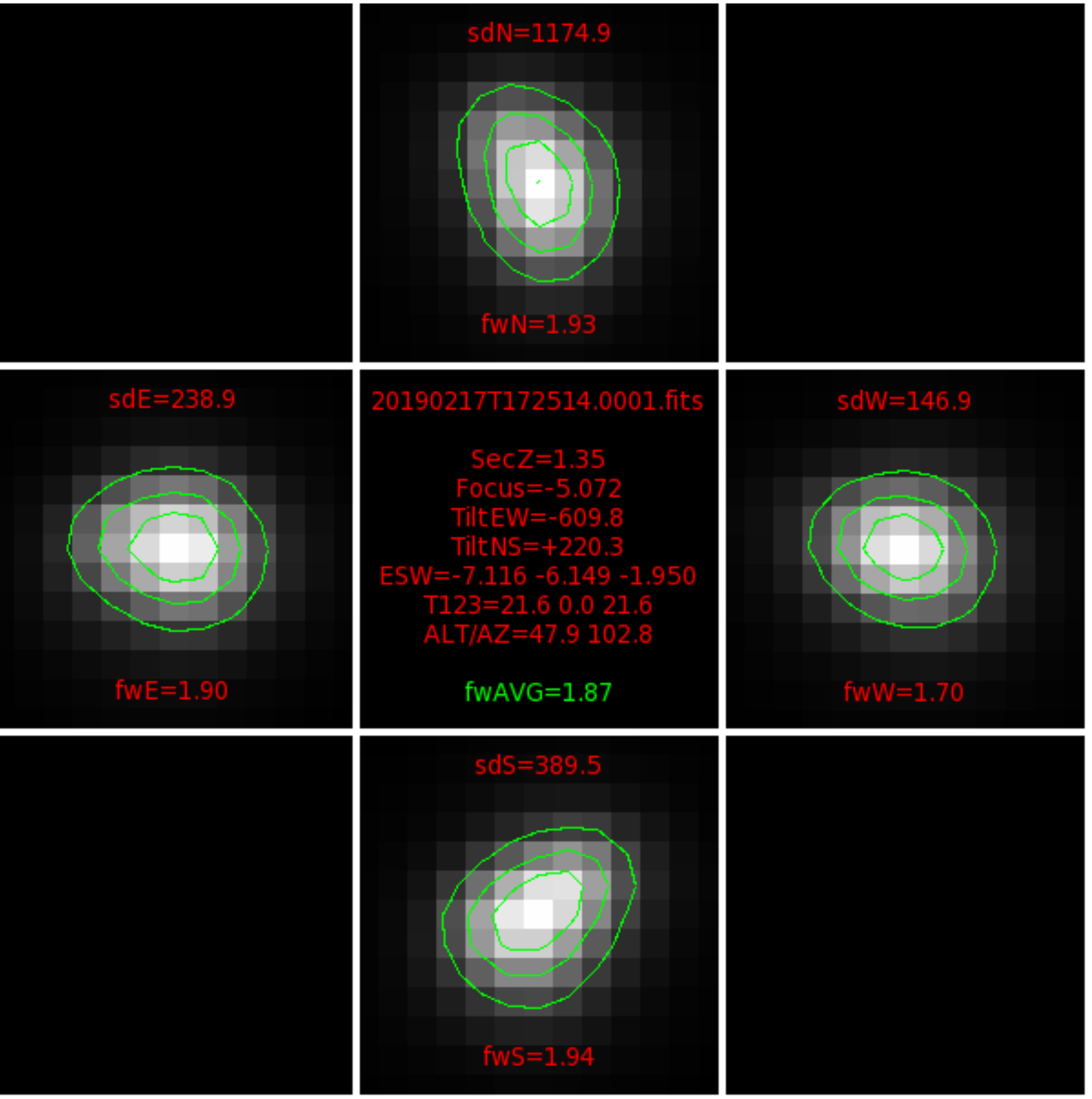

sdN=566.0
fwN=2.05
sdE=61.4
fwE=2.07
20190217T172425.0001.fits
SecZ=1.35
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.5 0.0 21.6
ALT/AZ=47.7 102.6
fwAVG=2.00
sdW=28.6
fwW=1.78
sdS=88.3
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=1174.9
fwN=1.93
sdE=238.9
fwE=1.90
20190217T172514.0001.fits
SecZ=1.35
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.6 0.0 21.6
ALT/AZ=47.9 102.8
fwAVG=1.87
sdW=146.9
fwW=1.70
sdS=389.5
fwS=1.94
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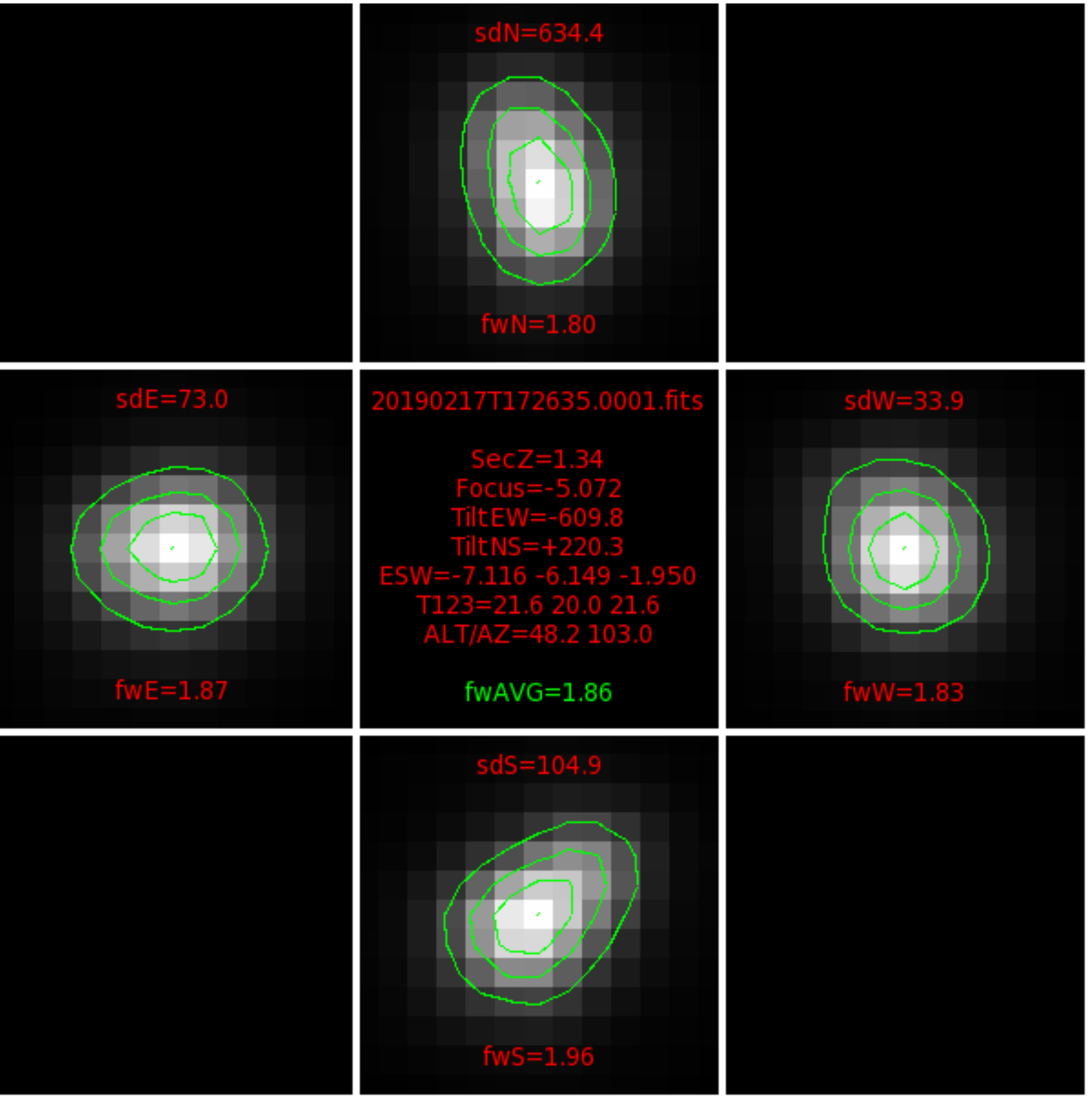
sdN=634.4
fwN=1.80
sdE=73.0
fwE=1.87
20190217T172635.0001.fits
SecZ=1.34
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.6 20.0 21.6
ALT/AZ=48.2 103.0
fwAVG=1.86
sdW=33.9
fwW=1.83
sdS=104.9
fwS=1.96
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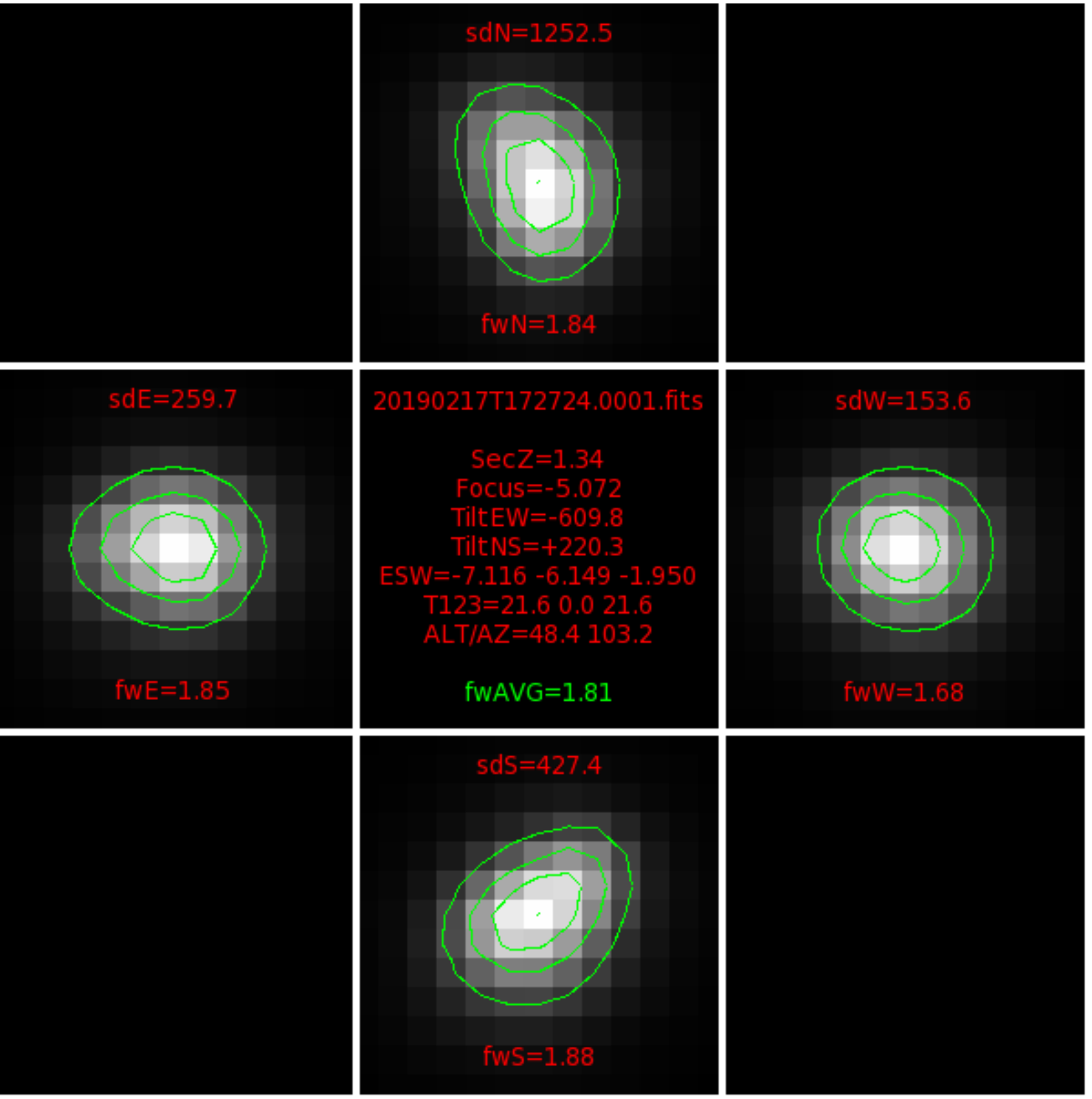
sdN=1252.5
fwN=1.84
sdE=259.7
fwE=1.85
20190217T172724.0001.fits
SecZ=1.34
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.6 0.0 21.6
ALT/AZ=48.4 103.2
fwAVG=1.81
sdW=153.6
fwW=1.68
sdS=427.4
fwS=1.88
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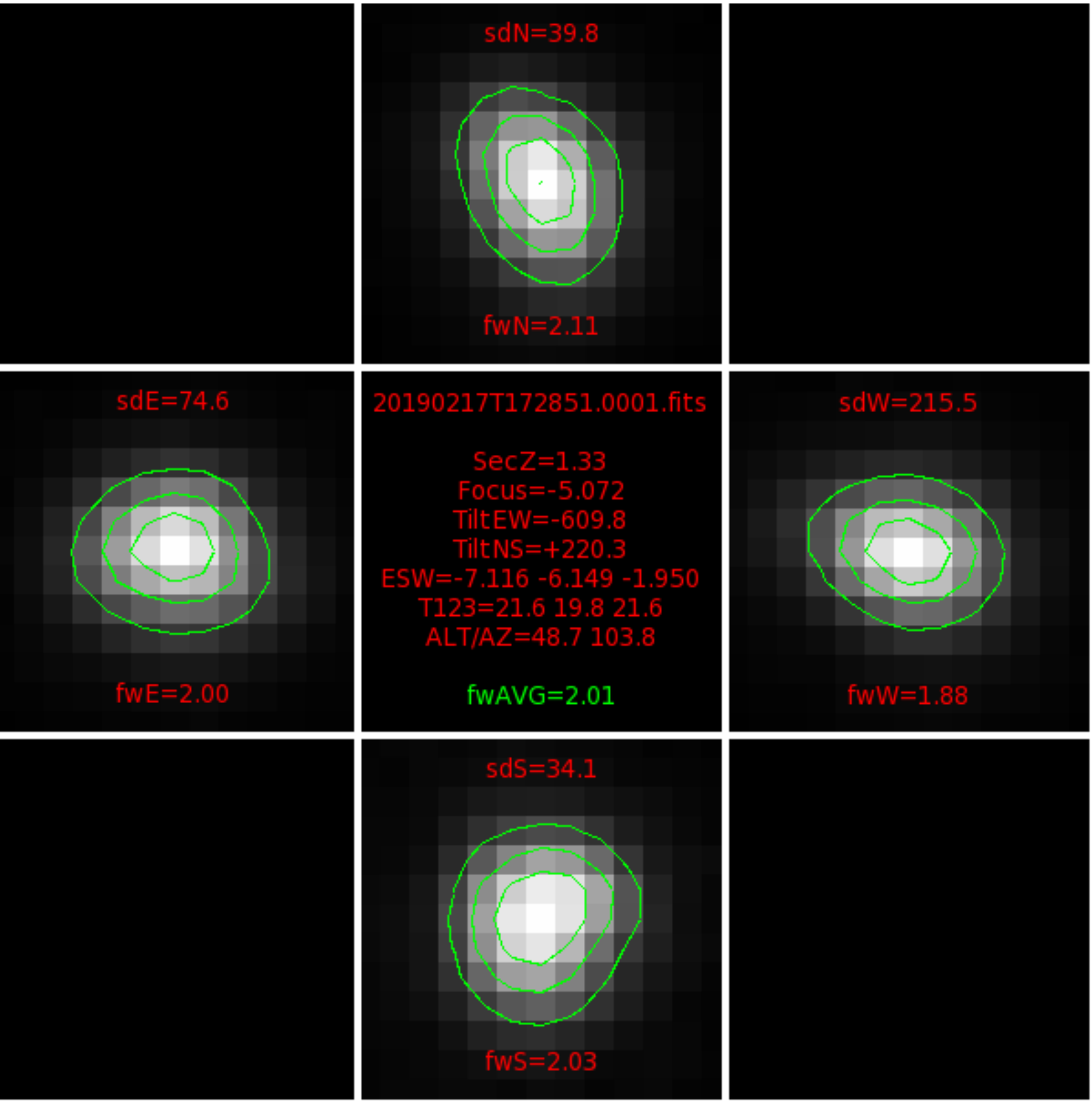
sdN=39.8
fwN=2.11
sdE=74.6
fwE=2.00
20190217T172851.0001.fits
SecZ=1.33
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.6 19.8 21.6
ALT/AZ=48.7 103.8
fwAVG=2.01
sdW=215.5
fwW=1.88
sdS=34.1
fwS=2.03
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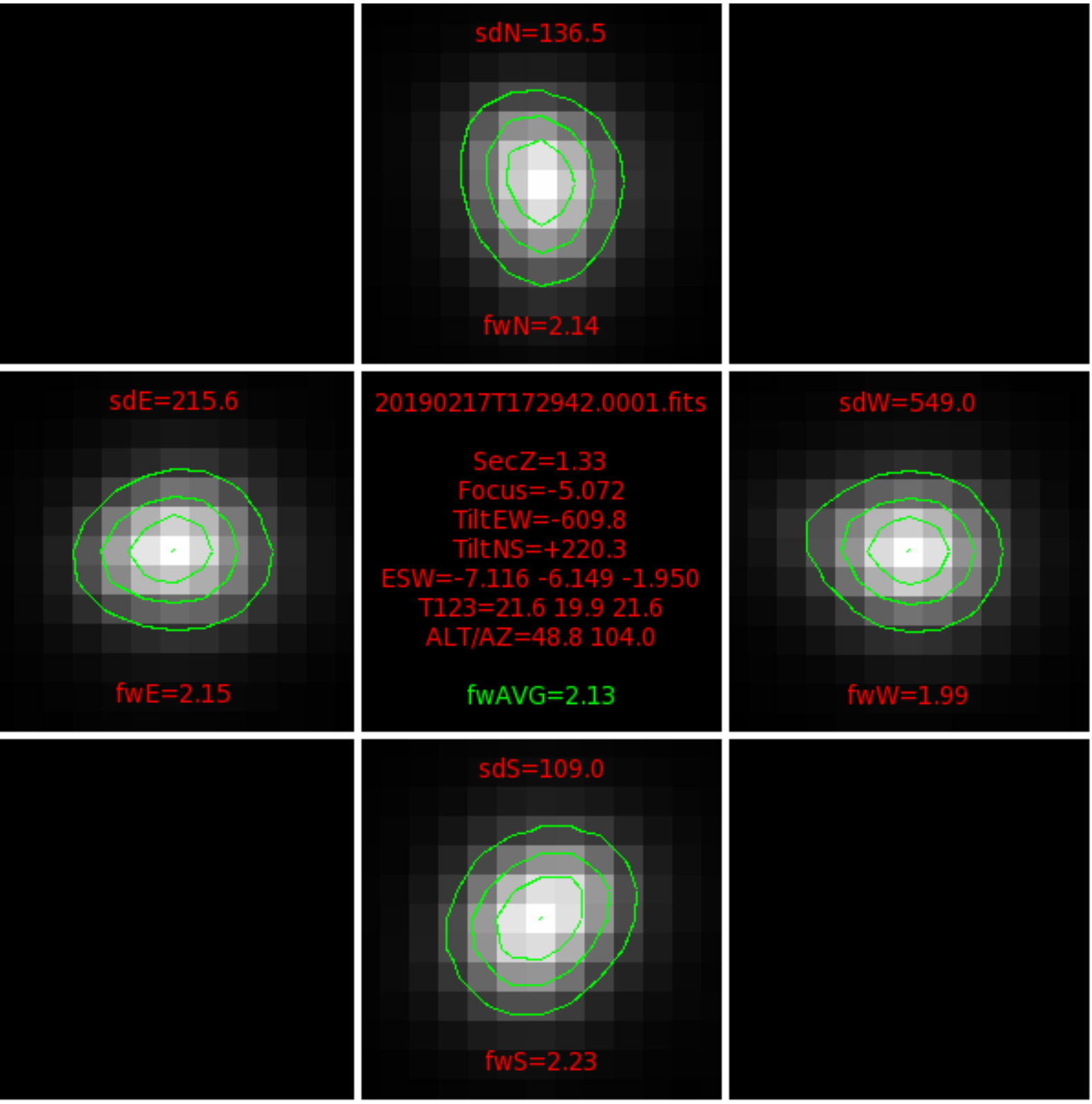
sdN=136.5
fwN=2.14
sdE=215.6
fwE=2.15
20190217T172942.0001.fits
SecZ=1.33
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.6 19.9 21.6
ALT/AZ=48.8 104.0
fwAVG=2.13
sdW=549.0
fwW=1.99
sdS=109.0
fwS=2.23
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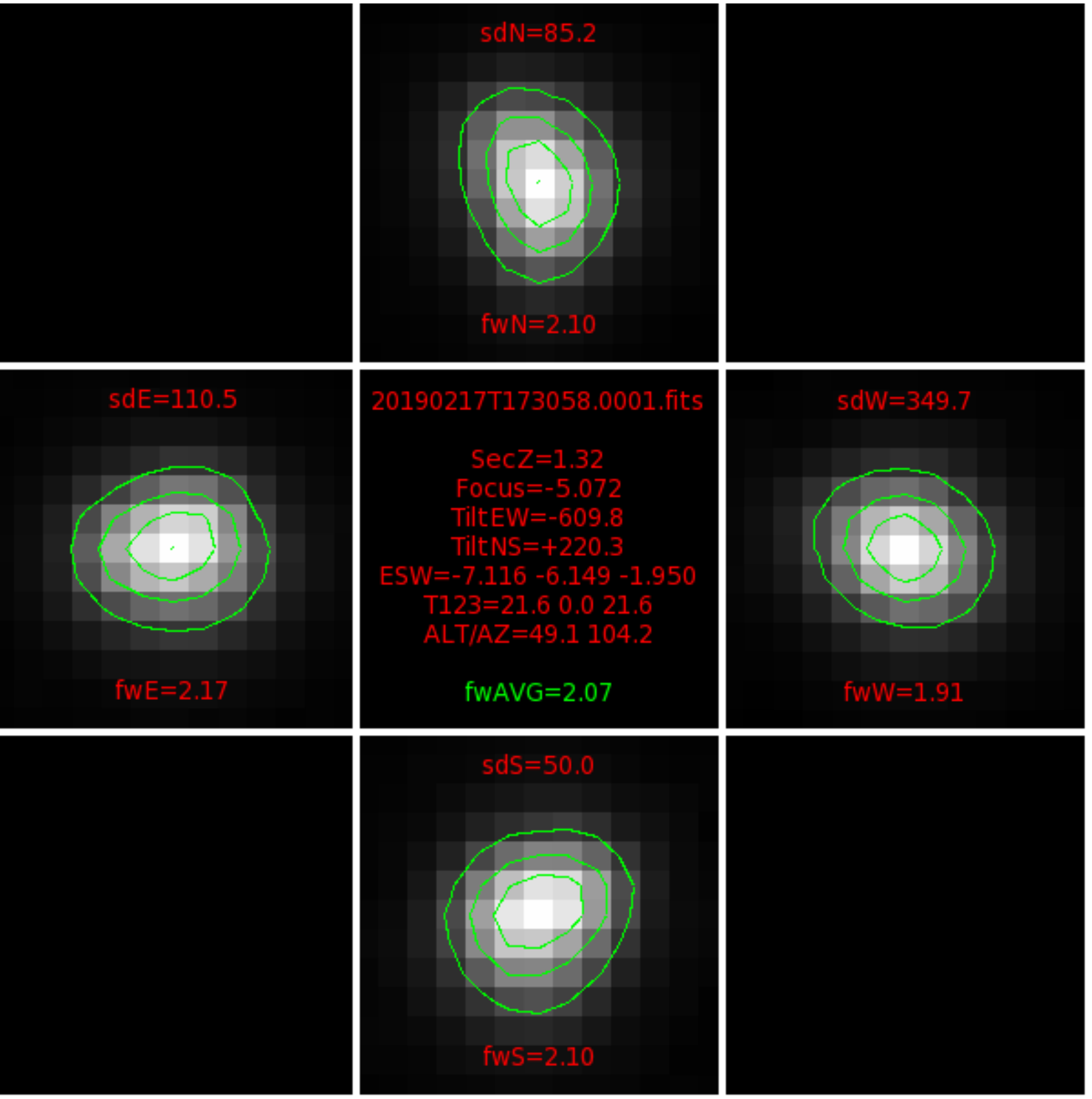
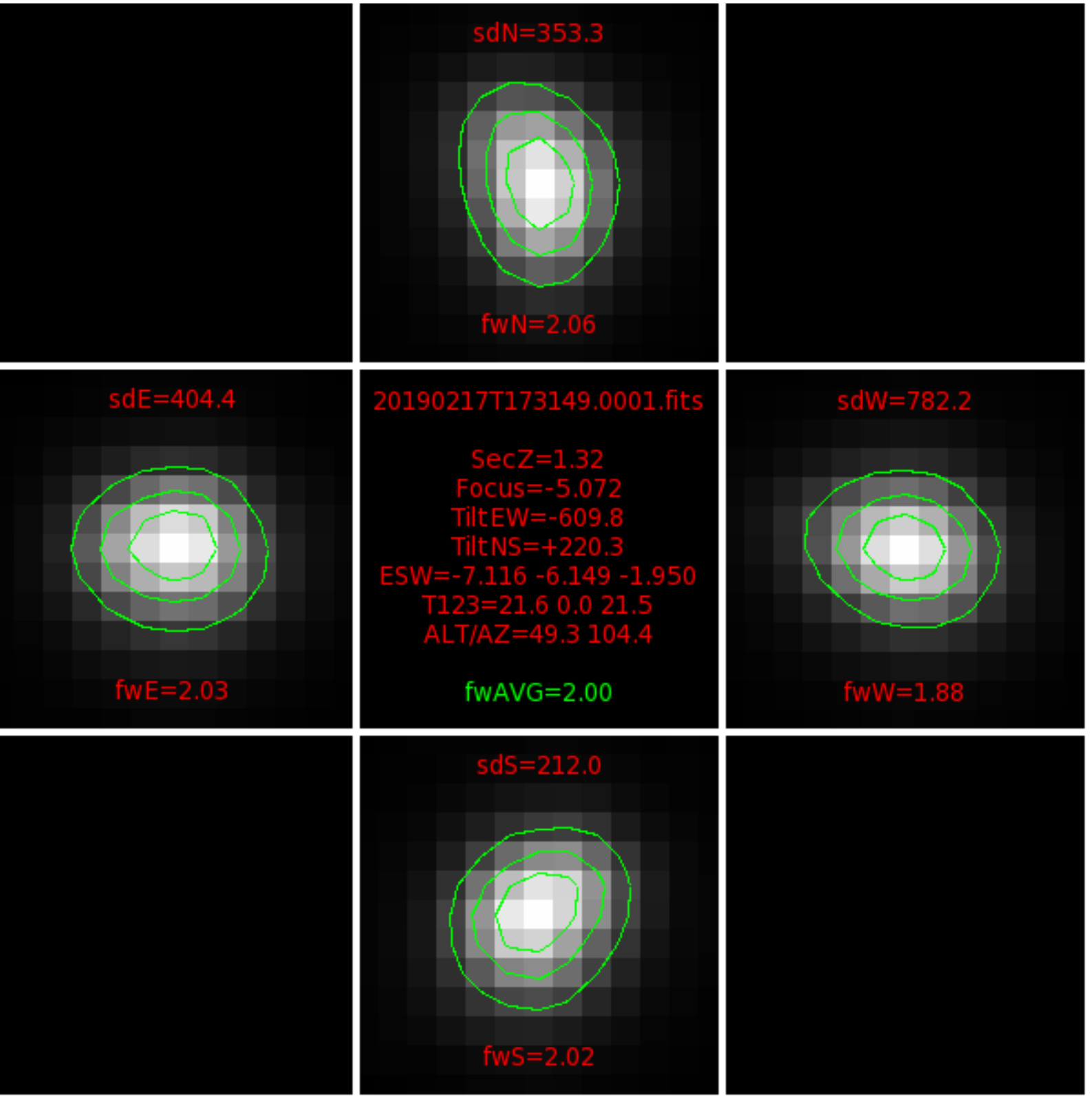
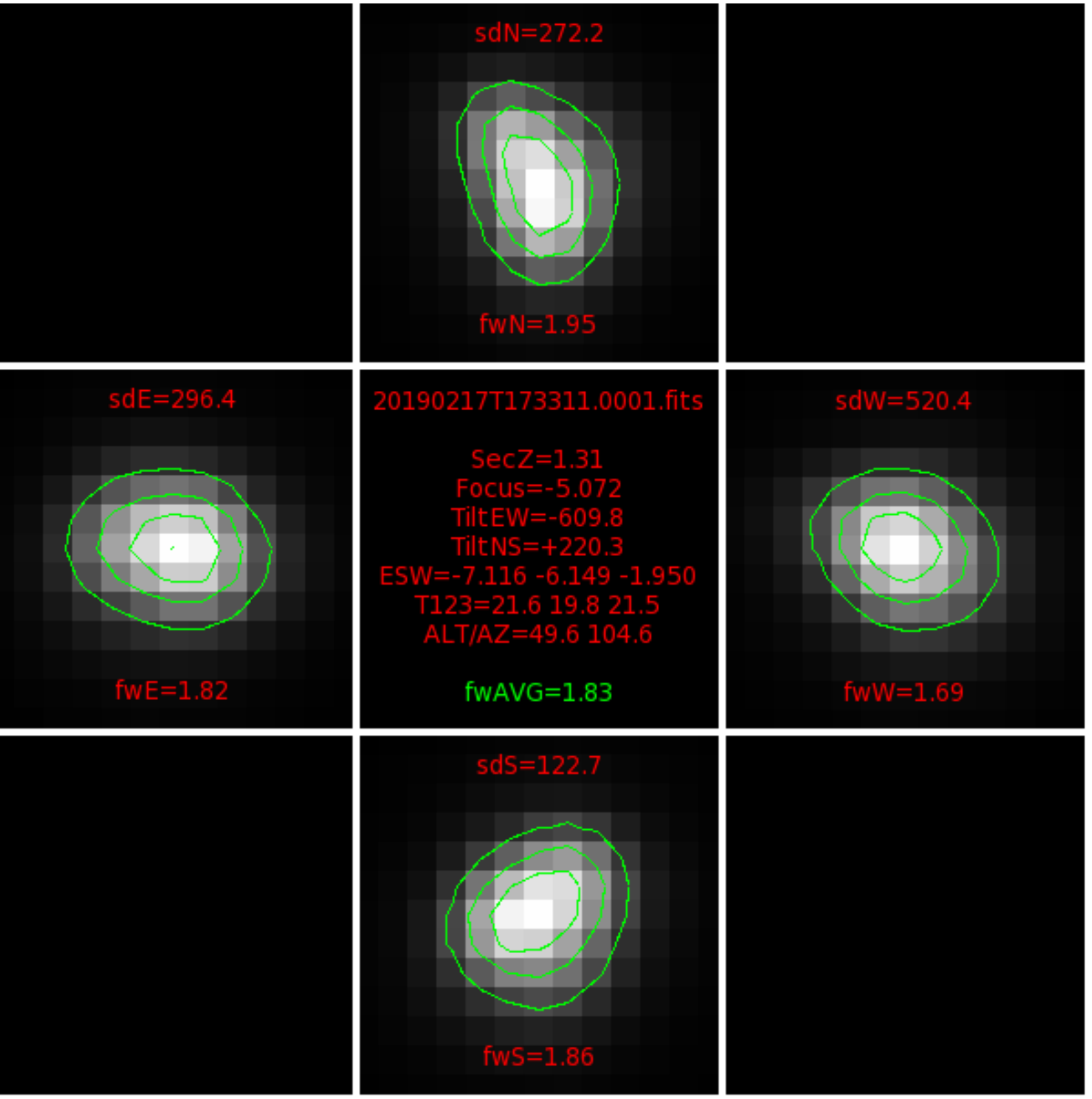
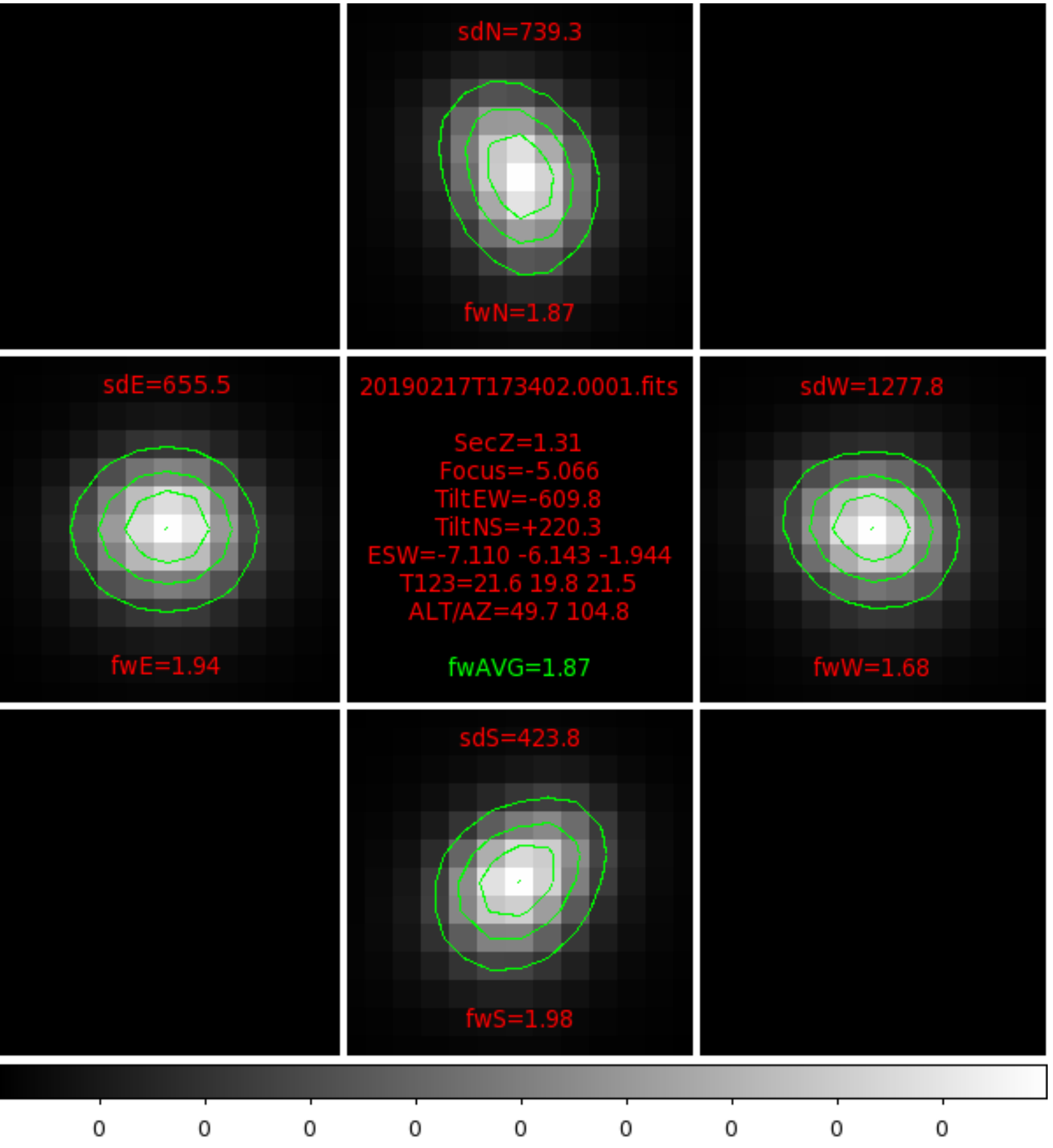

sdN=85.2
fwN=2.10
sdE=110.5
fwE=2.17
20190217T173058.0001.fits
SecZ=1.32
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.6 0.0 21.6
ALT/AZ=49.1 104.2
fwAVG=2.07
sdW=349.7
fwW=1.91
sdS=50.0
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=353.3
fwN=2.06
sdE=404.4
fwE=2.03
20190217T173149.0001.fits
SecZ=1.32
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.6 0.0 21.5
ALT/AZ=49.3 104.4
fwAVG=2.00
sdW=782.2
fwW=1.88
sdS=212.0
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=272.2
fwN=1.95
sdE=296.4
fwE=1.82
20190217T173311.0001.fits
SecZ=1.31
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.6 19.8 21.5
ALT/AZ=49.6 104.6
fwAVG=1.83
sdW=520.4
fwW=1.69
sdS=122.7
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=739.3
fwN=1.87
sdE=655.5
fwE=1.94
20190217T173402.0001.fits
SecZ=1.31
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.6 19.8 21.5
ALT/AZ=49.7 104.8
fwAVG=1.87
sdW=1277.8
fwW=1.68
sdS=423.8
fwS=1.98
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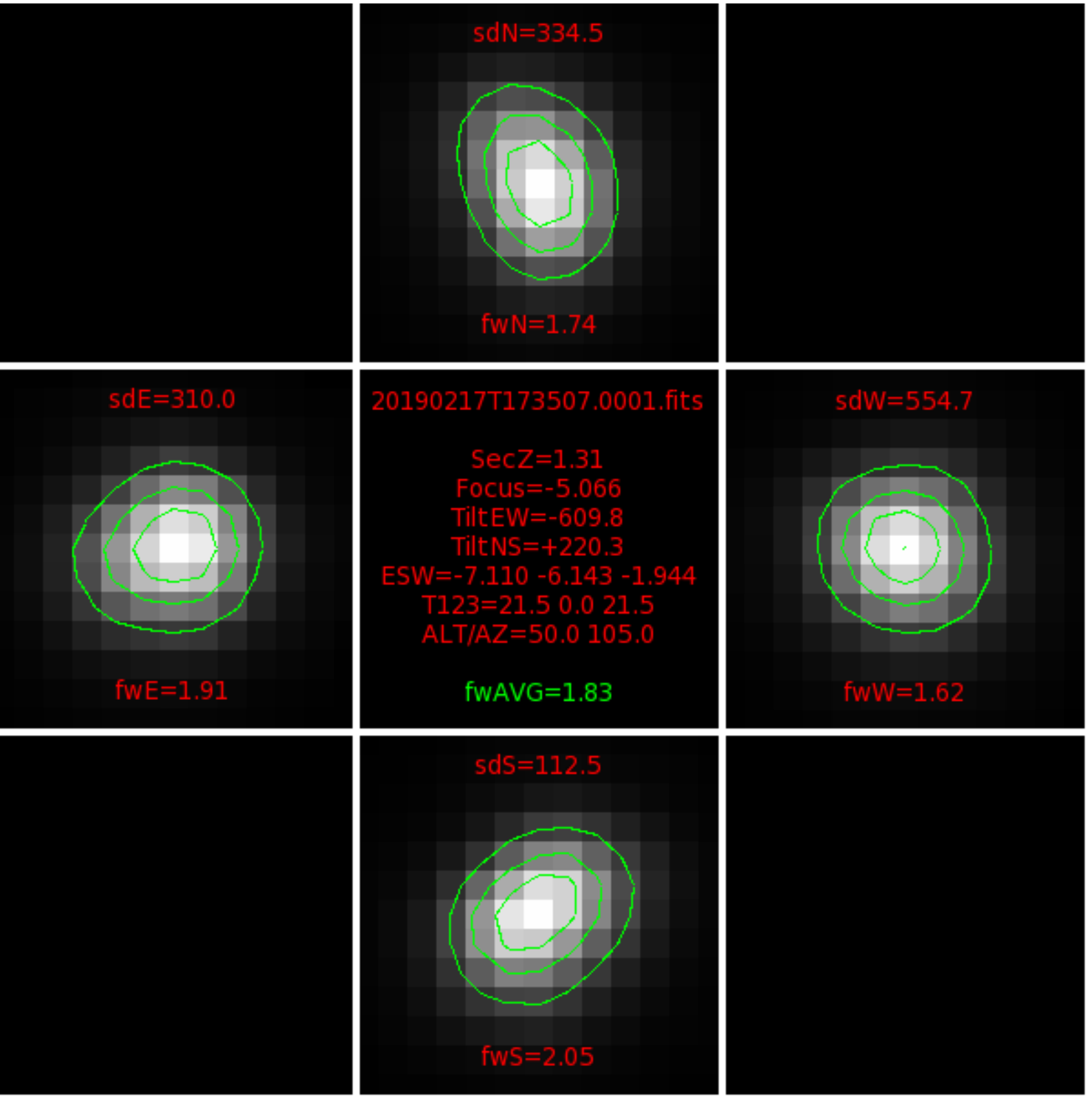
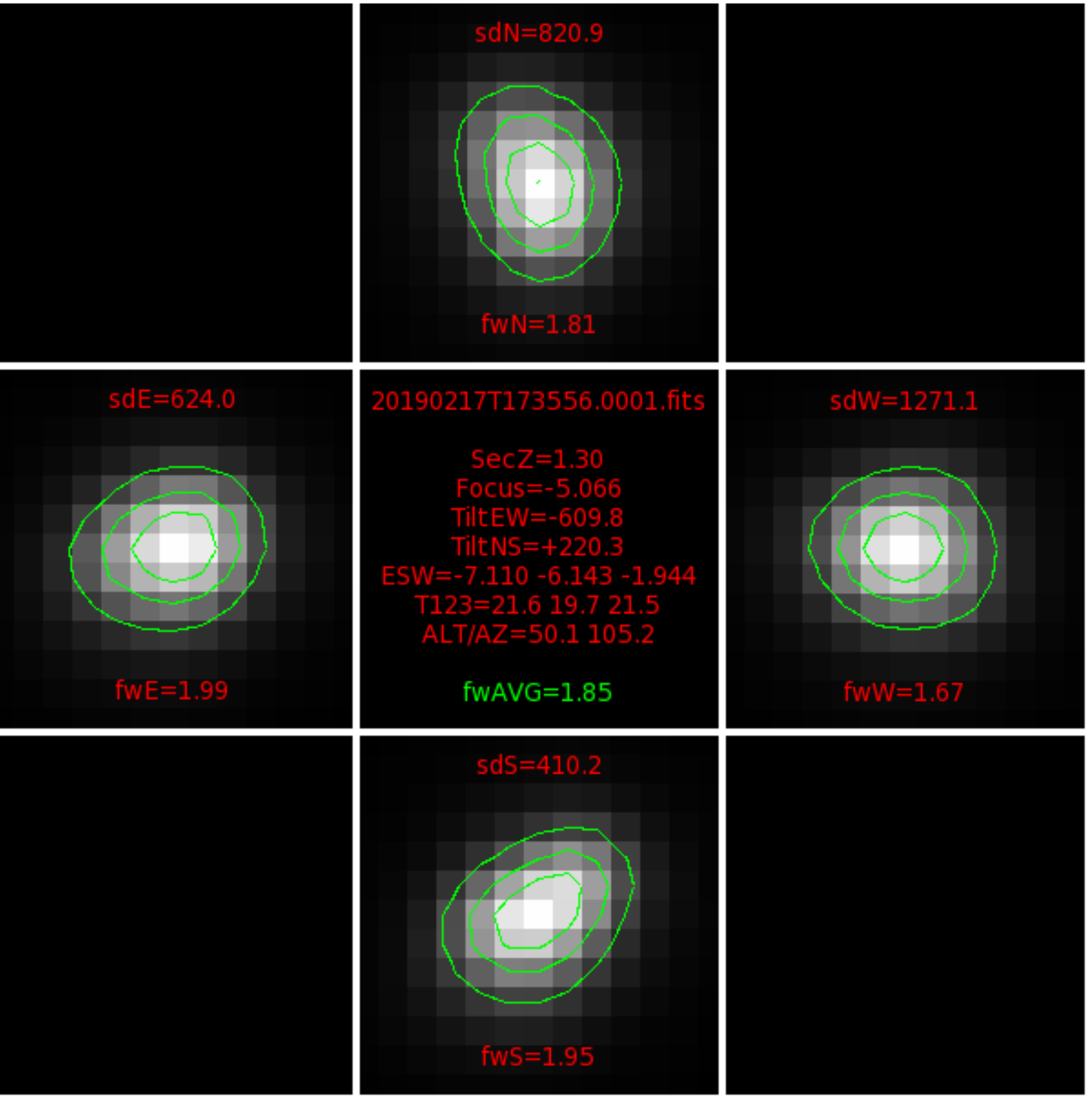

sdN=334.5
fwN=1.74
sdE=310.0
fwE=1.91
20190217T173507.0001.fits
SecZ=1.31
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.5 0.0 21.5
ALT/AZ=50.0 105.0
fwAVG=1.83
sdW=554.7
fwW=1.62
sdS=112.5
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=820.9
fwN=1.81
sdE=624.0
fwE=1.99
20190217T173556.0001.fits
SecZ=1.30
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.6 19.7 21.5
ALT/AZ=50.1 105.2
fwAVG=1.85
sdW=1271.1
fwW=1.67
sdS=410.2
fwS=1.95
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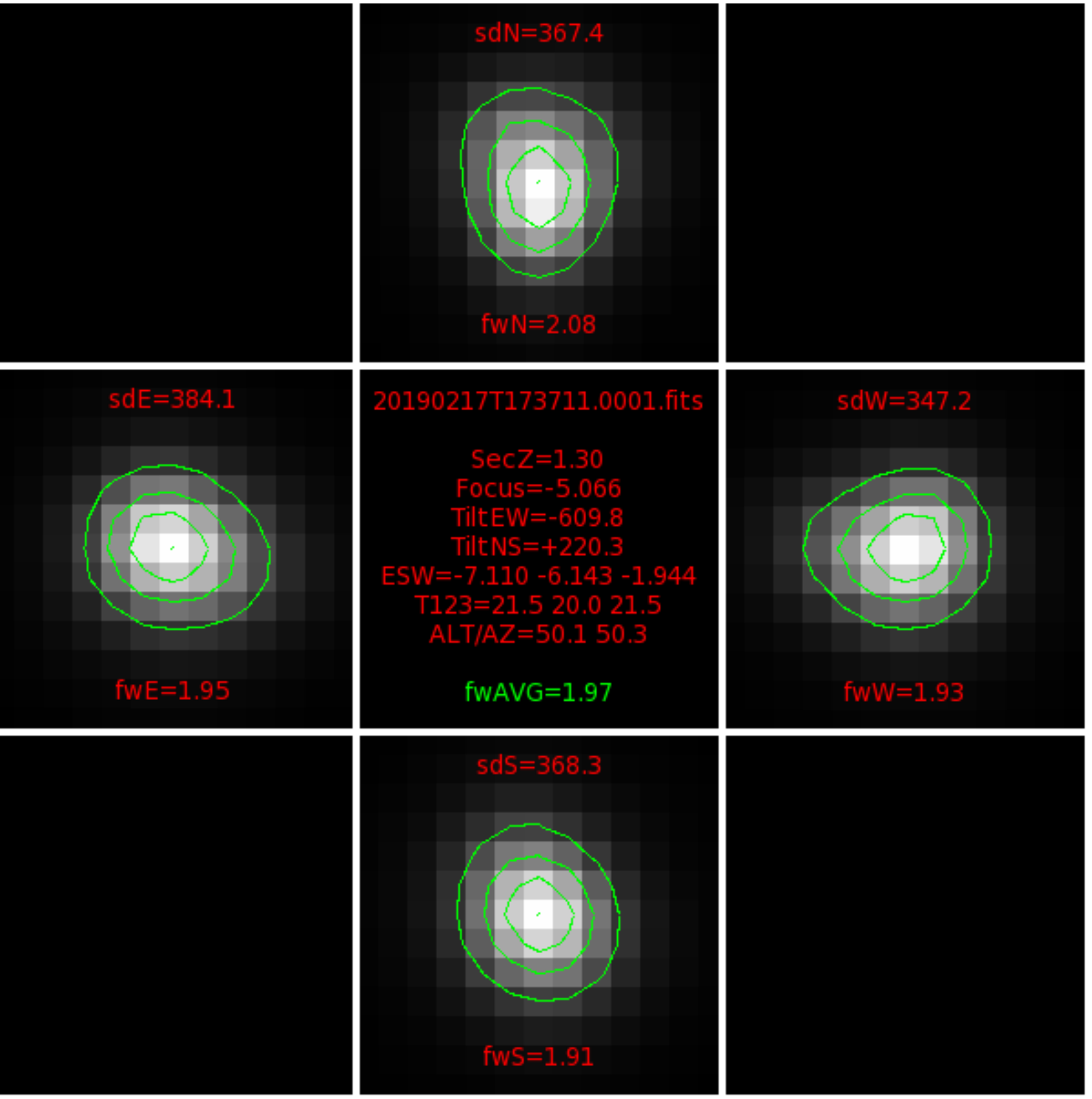
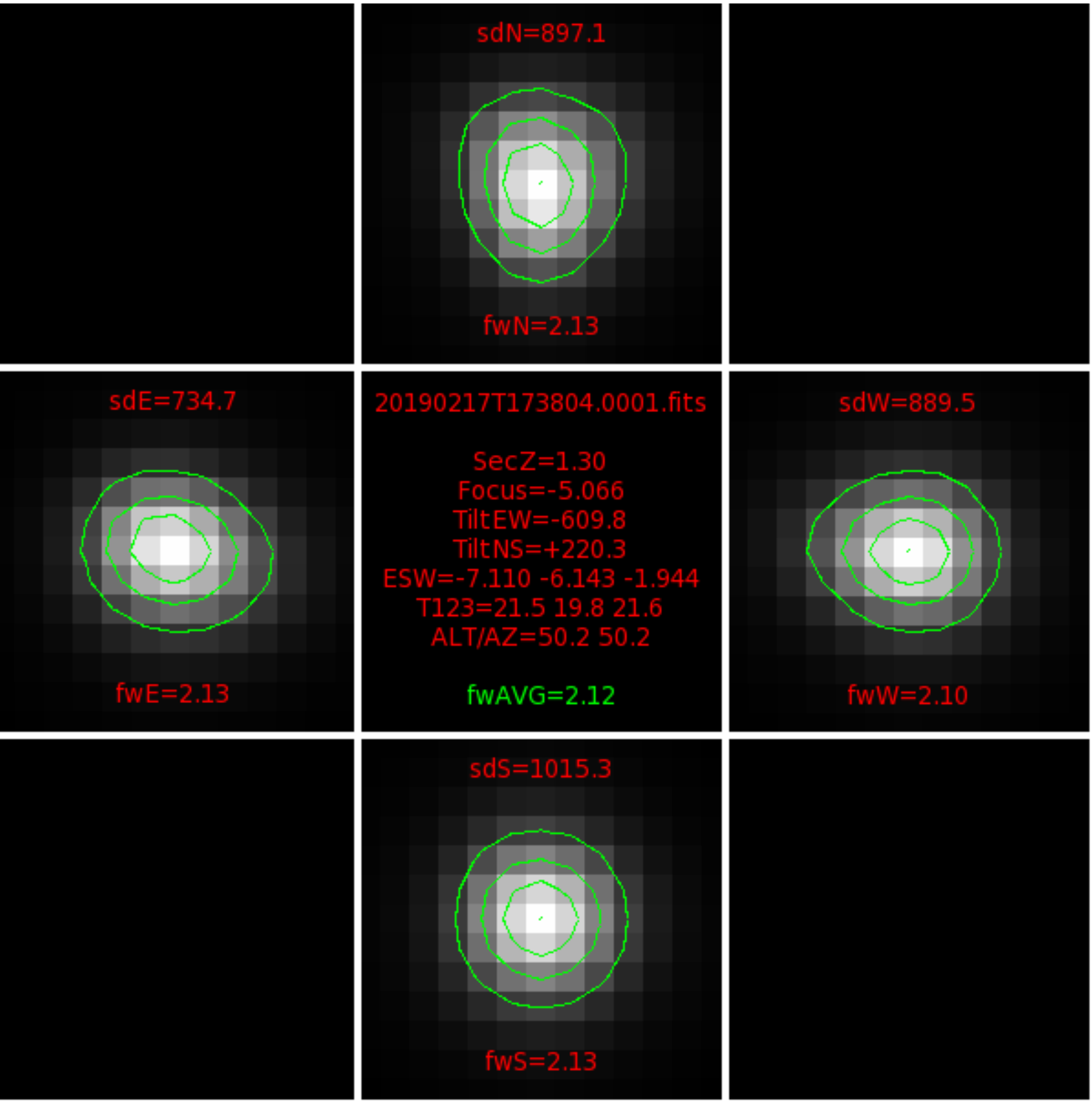

sdN=367.4
fwN=2.08
sdE=384.1
fwE=1.95
20190217T173711.0001.fits
SecZ=1.30
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.5 20.0 21.5
ALT/AZ=50.1 50.3
fwAVG=1.97
sdW=347.2
fwW=1.93
sdS=368.3
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=897.1
fwN=2.13
sdE=734.7
fwE=2.13
20190217T173804.0001.fits
SecZ=1.30
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.5 19.8 21.6
ALT/AZ=50.2 50.2
fwAVG=2.12
sdW=889.5
fwW=2.10
sdS=1015.3
fwS=2.13
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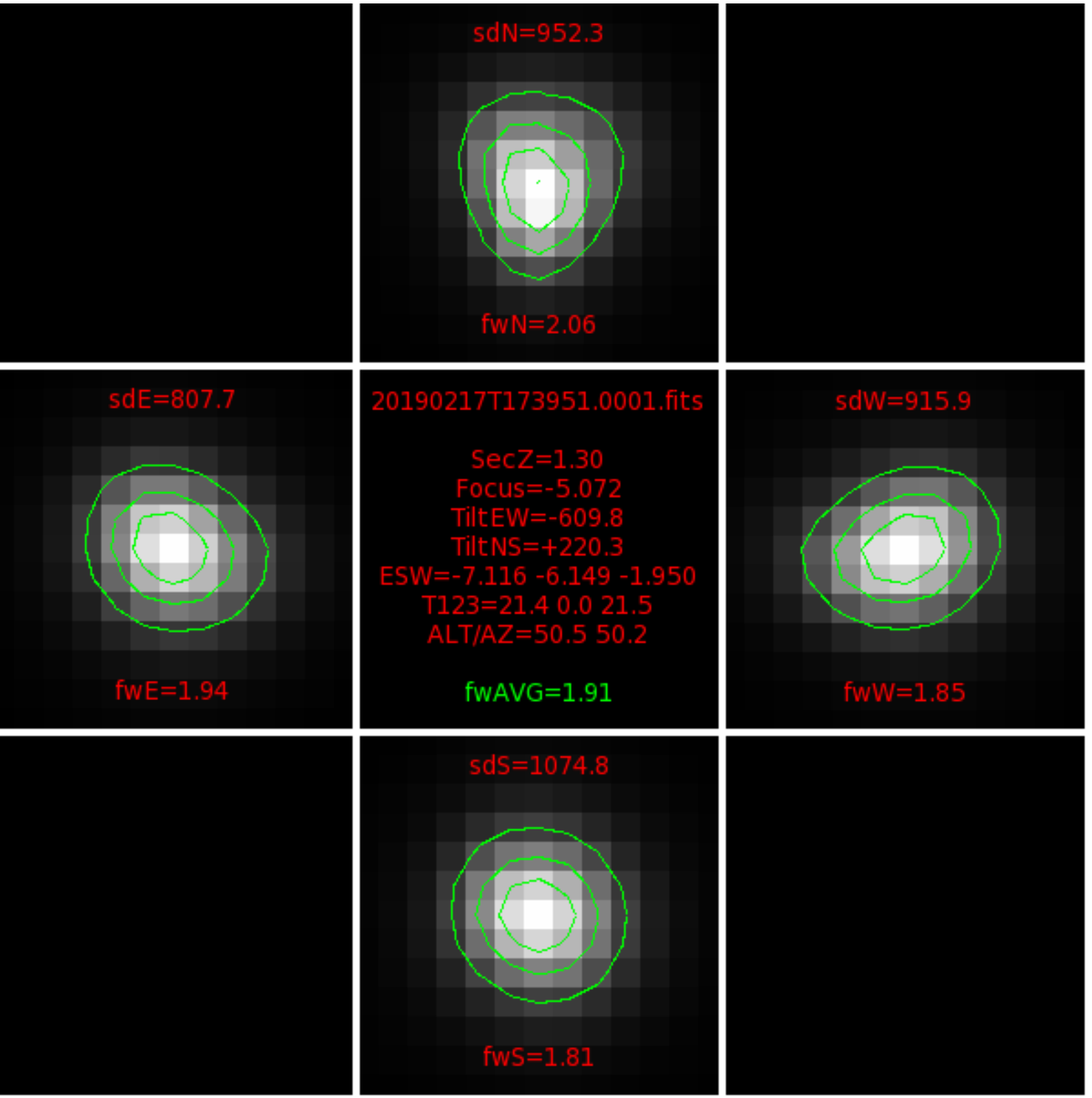
sdN=952.3
fwN=2.06
sdE=807.7
fwE=1.94
20190217T173951.0001.fits
SecZ=1.30
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.4 0.0 21.5
ALT/AZ=50.5 50.2
fwAVG=1.91
sdW=915.9
fwW=1.85
sdS=1074.8
fwS=1.81
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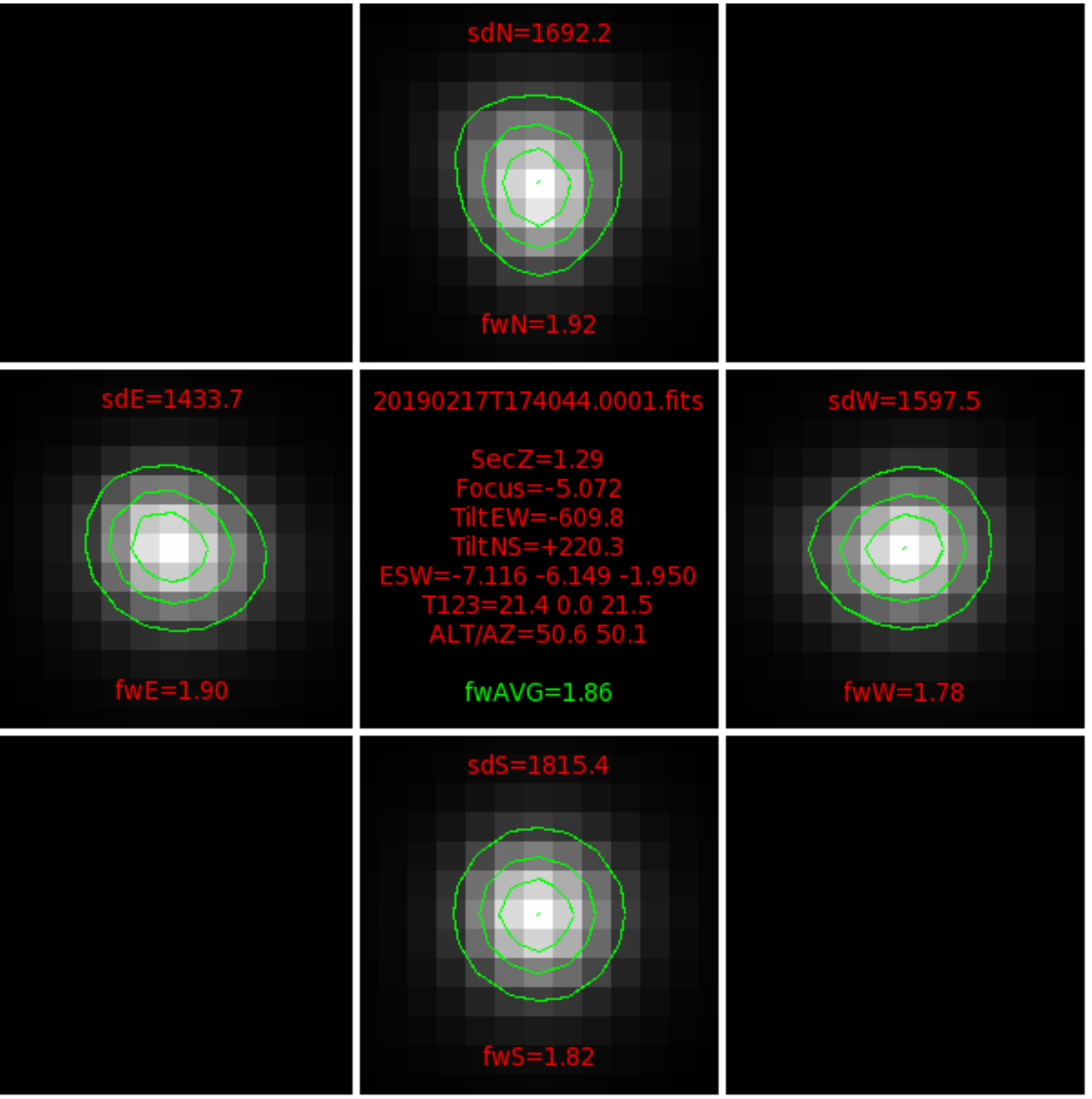
sdN=1692.2
fwN=1.92
sdE=1433.7
fwE=1.90
20190217T174044.0001.fits
SecZ=1.29
Focus=-5.072
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.116 -6.149 -1.950
T123=21.4 0.0 21.5
ALT/AZ=50.6 50.1
fwAVG=1.86
sdW=1597.5
fwW=1.78
sdS=1815.4
fwS=1.82
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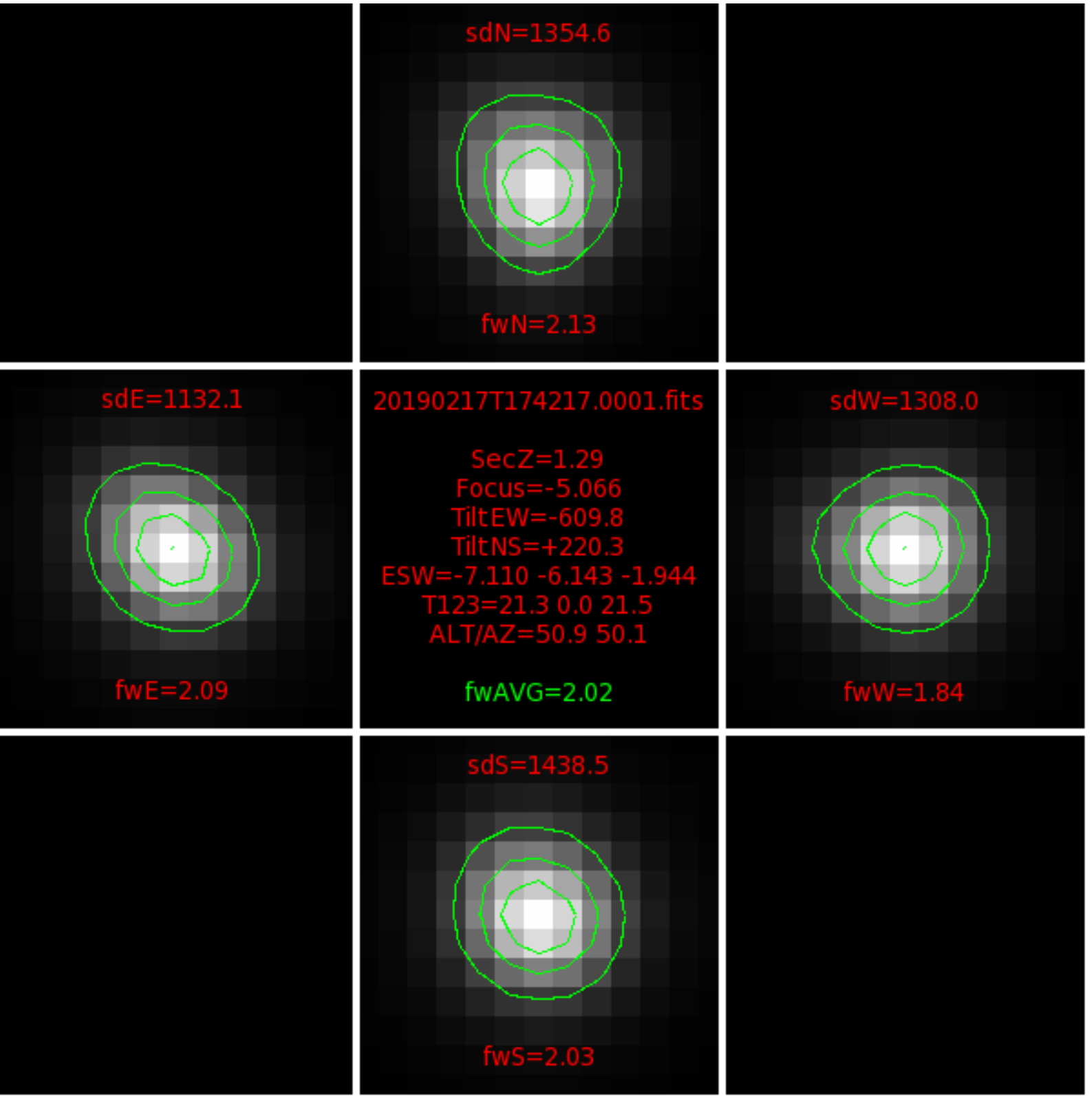
sdN=1354.6
fwN=2.13
sdE=1132.1
fwE=2.09
20190217T174217.0001.fits
SecZ=1.29
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.3 0.0 21.5
ALT/AZ=50.9 50.1
fwAVG=2.02
sdW=1308.0
fwW=1.84
sdS=1438.5
fwS=2.03
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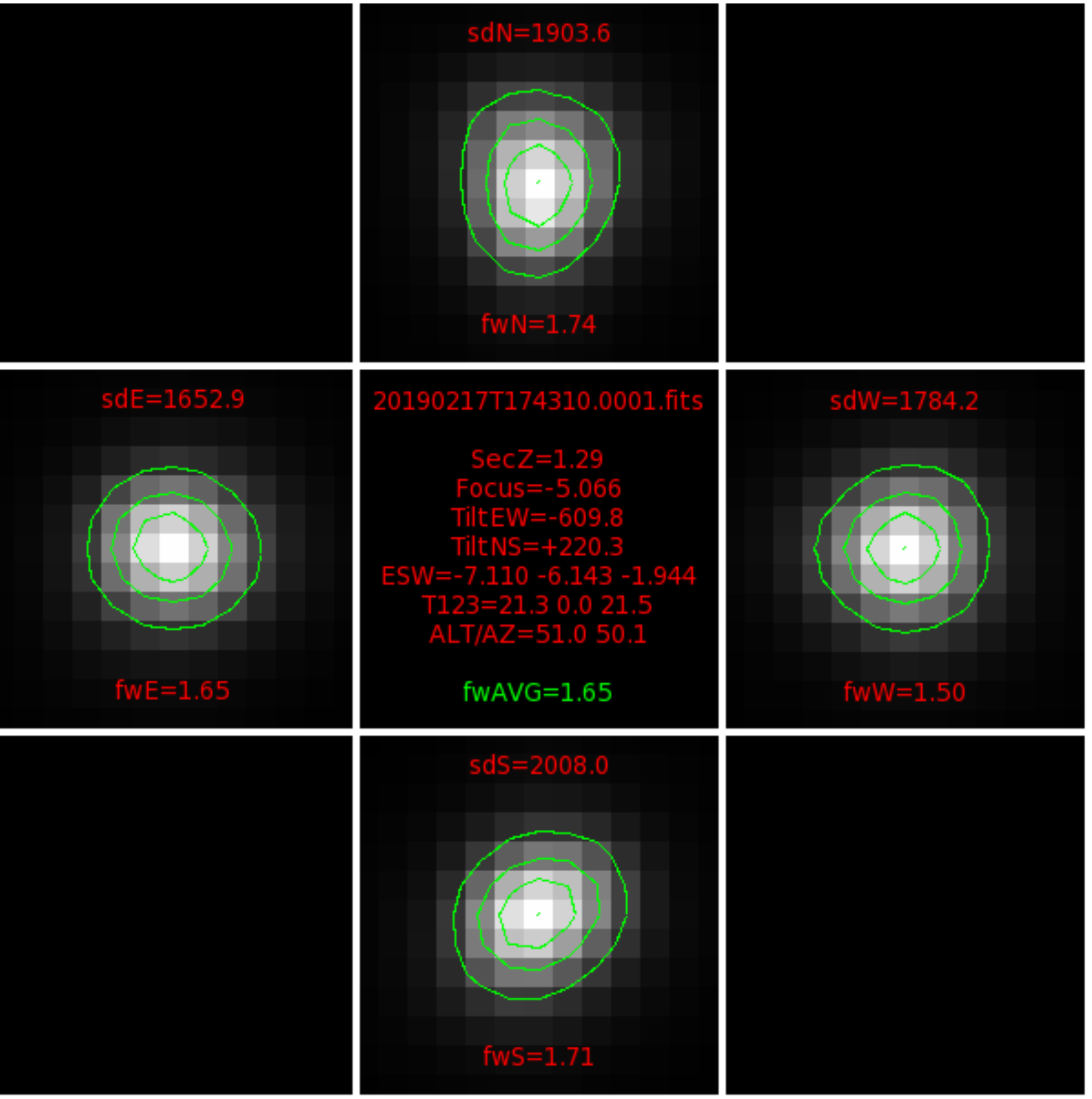
sdN=1903.6
fwN=1.74
sdE=1652.9
fwE=1.65
20190217T174310.0001.fits
SecZ=1.29
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.3 0.0 21.5
ALT/AZ=51.0 50.1
fwAVG=1.65
sdW=1784.2
fwW=1.50
sdS=2008.0
fwS=1.71
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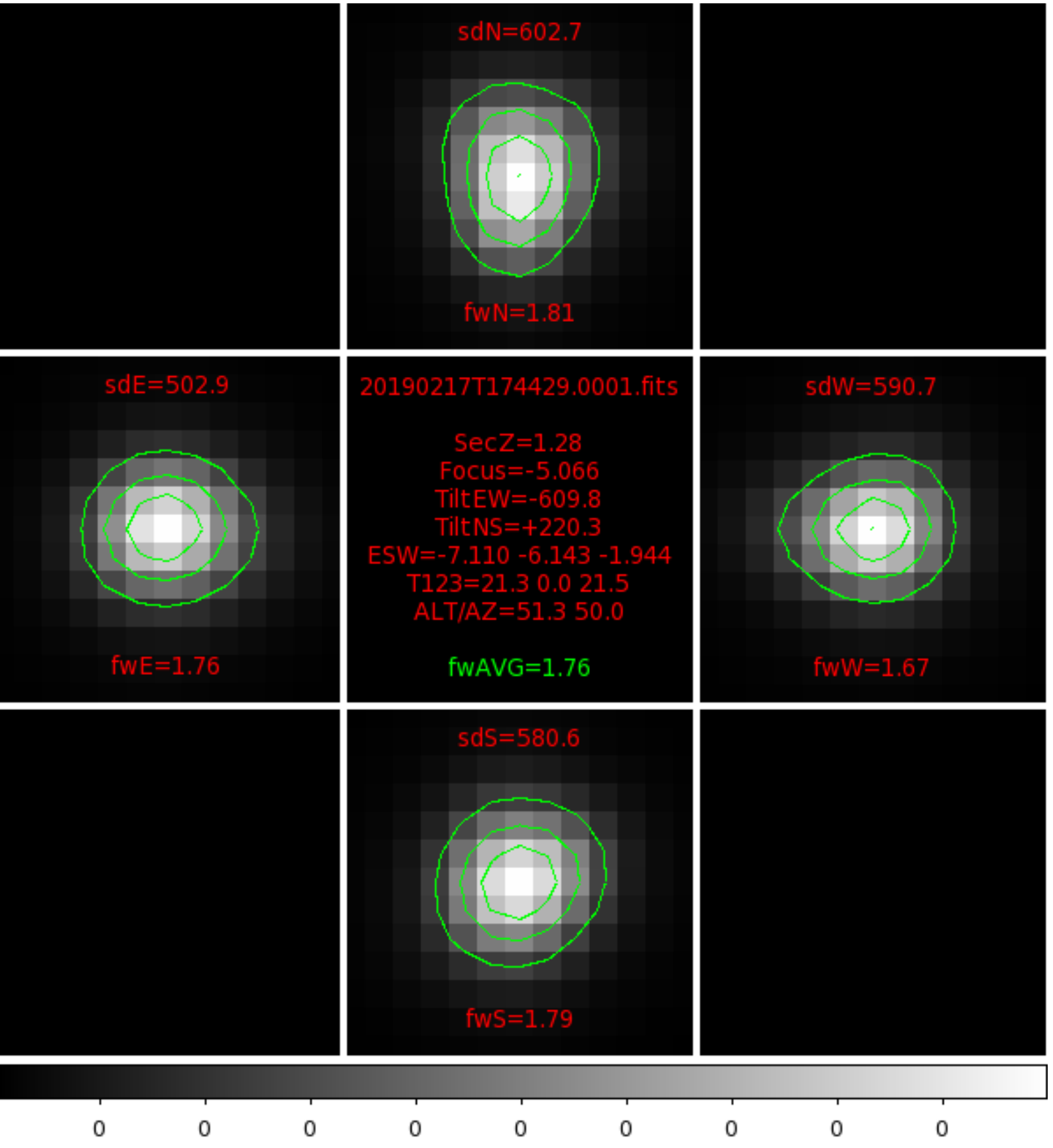
sdN=602.7
fwN=1.81
sdE=502.9
fwE=1.76
20190217T174429.0001.fits
SecZ=1.28
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.3 0.0 21.5
ALT/AZ=51.3 50.0
fwAVG=1.76
sdW=590.7
fwW=1.67
sdS=580.6
fwS=1.79
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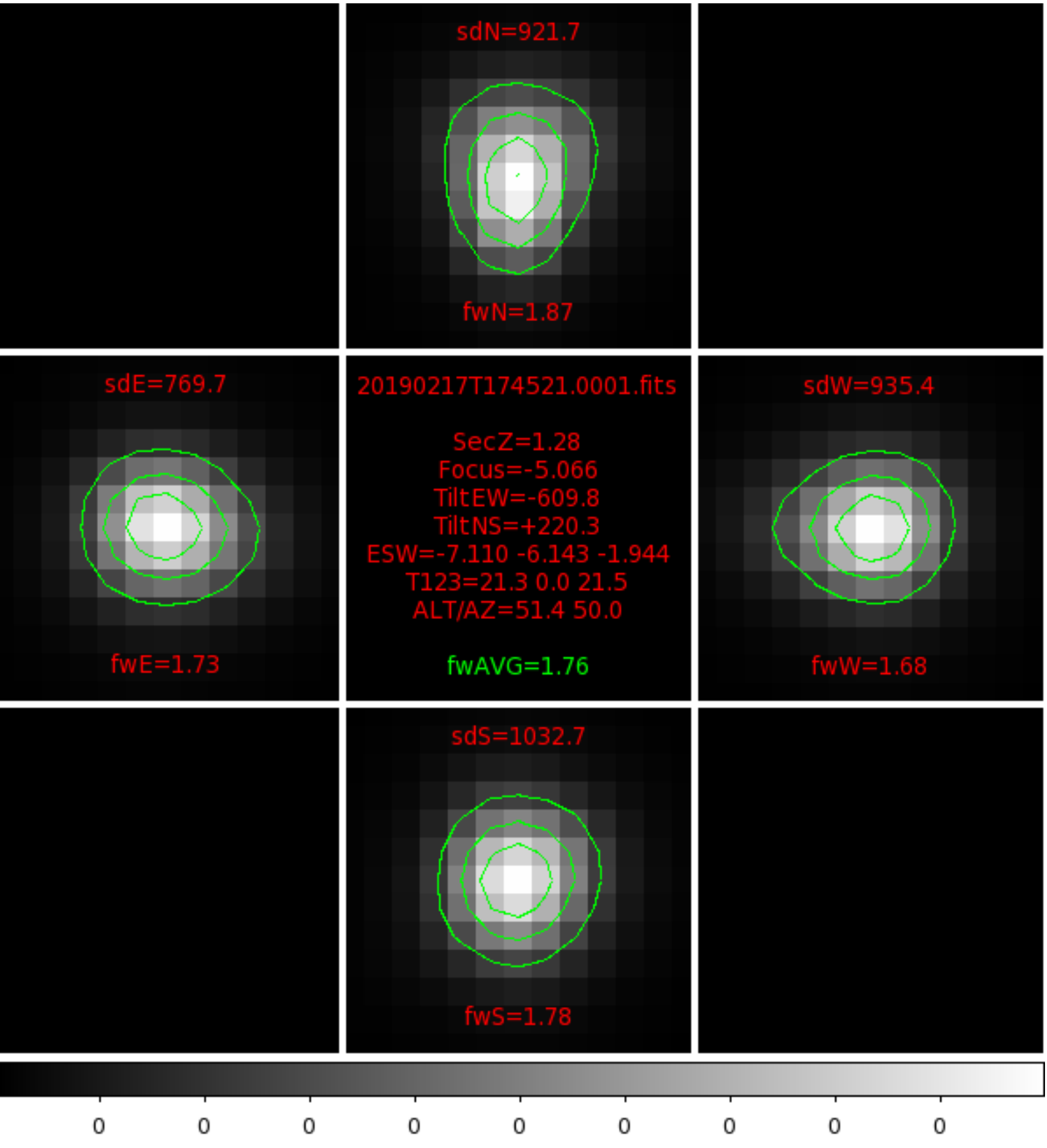
sdN=921.7
fwN=1.87
sdE=769.7
fwE=1.73
20190217T174521.0001.fits
SecZ=1.28
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.3 0.0 21.5
ALT/AZ=51.4 50.0
fwAVG=1.76
sdW=935.4
fwW=1.68
sdS=1032.7
fwS=1.78
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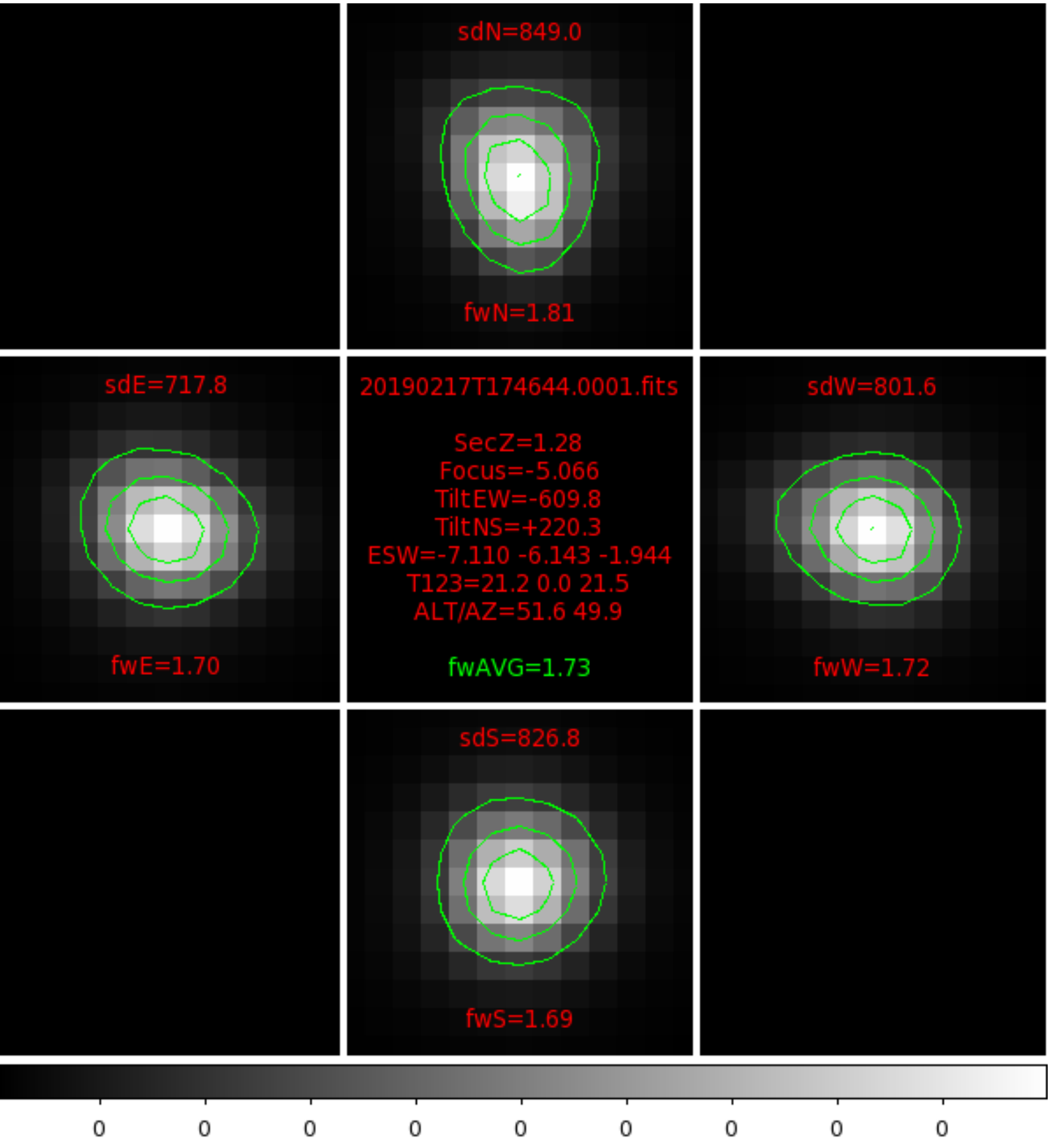
sdN=849.0
fwN=1.81
sdE=717.8
fwE=1.70
20190217T174644.0001.fits
SecZ=1.28
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.2 0.0 21.5
ALT/AZ=51.6 49.9
fwAVG=1.73
sdW=801.6
fwW=1.72
sdS=826.8
fwS=1.69
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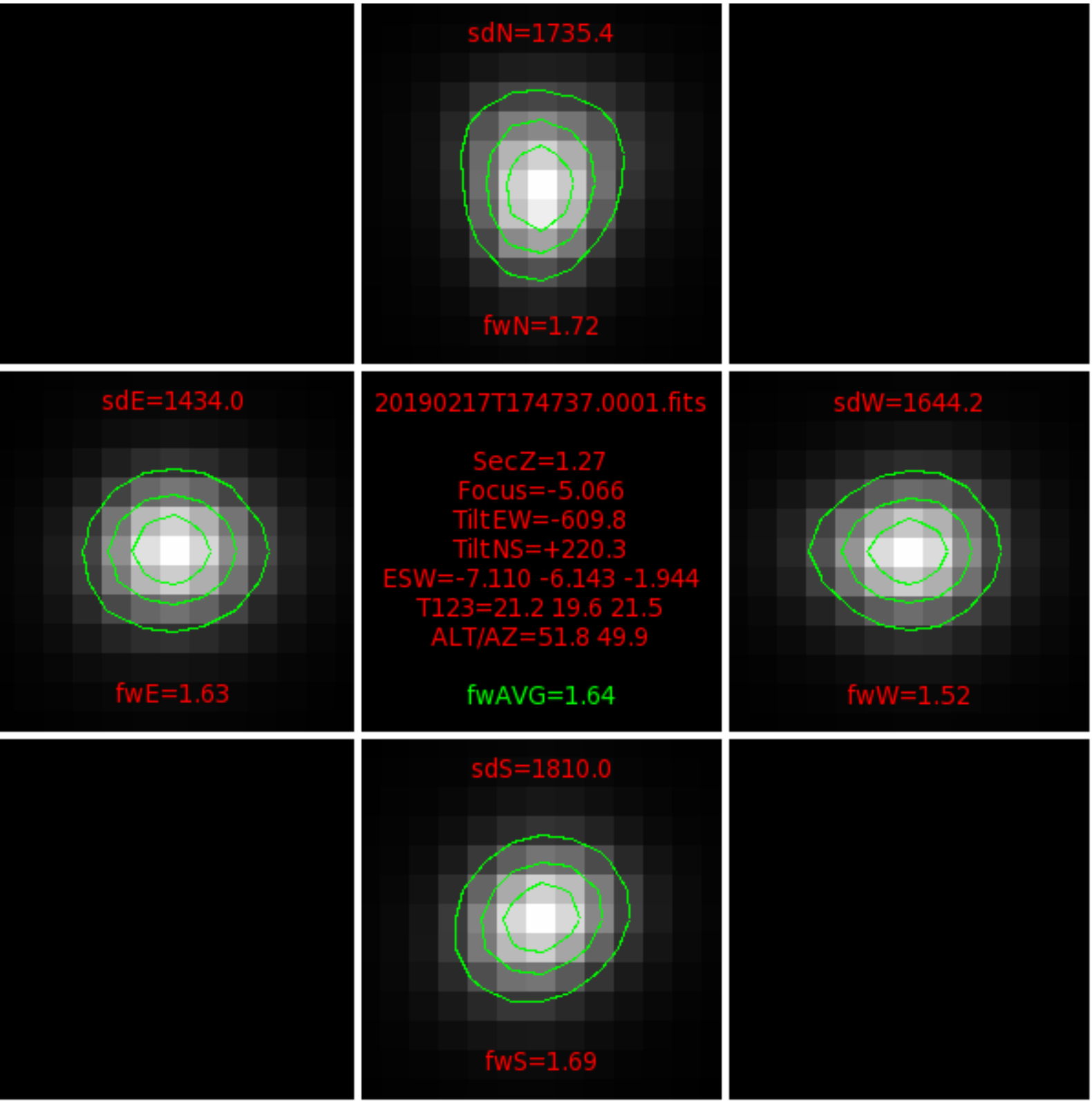
sdN=1735.4
fwN=1.72
sdE=1434.0
fwE=1.63
20190217T174737.0001.fits
SecZ=1.27
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.2 19.6 21.5
ALT/AZ=51.8 49.9
fwAVG=1.64
sdW=1644.2
fwW=1.52
sdS=1810.0
fwS=1.69
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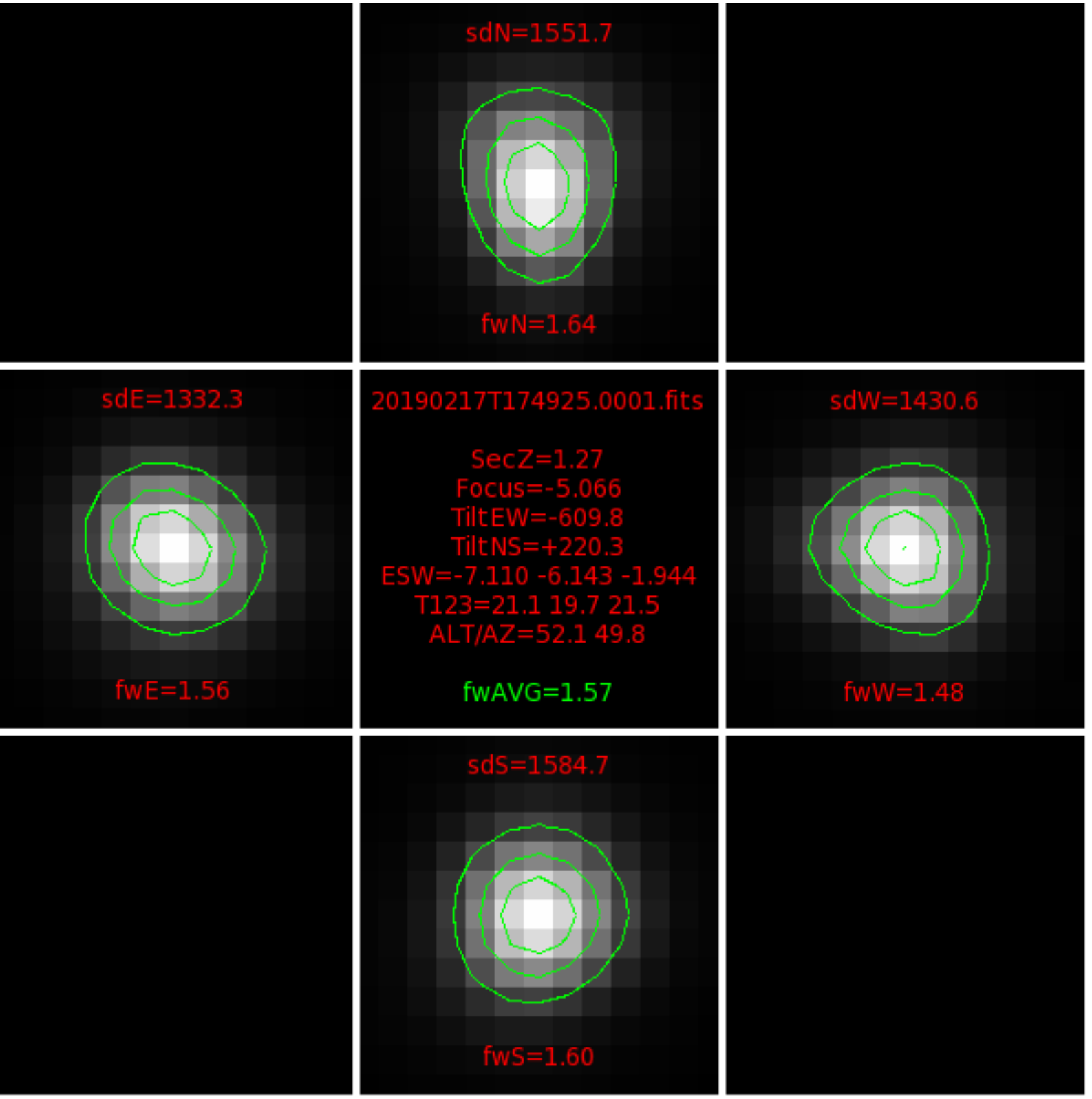
sdN=1551.7
fwN=1.64
sdE=1332.3
fwE=1.56
20190217T174925.0001.fits
SecZ=1.27
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.1 19.7 21.5
ALT/AZ=52.1 49.8
fwAVG=1.57
sdW=1430.6
fwW=1.48
sdS=1584.7
fwS=1.60
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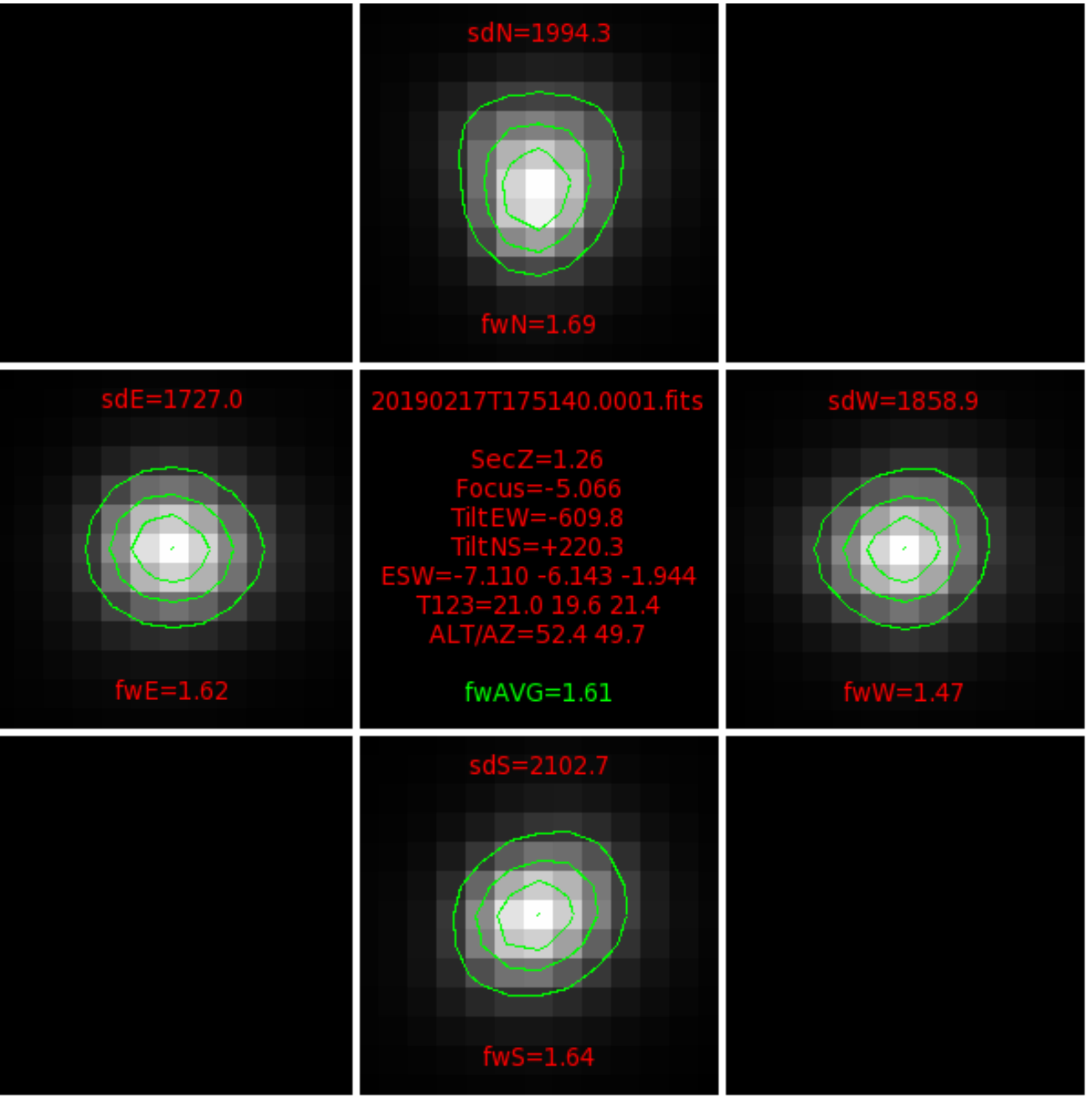
sdN=1994.3
fwN=1.69
sdE=1727.0
fwE=1.62
20190217T175140.0001.fits
SecZ=1.26
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.0 19.6 21.4
ALT/AZ=52.4 49.7
fwAVG=1.61
sdW=1858.9
fwW=1.47
sdS=2102.7
fwS=1.64
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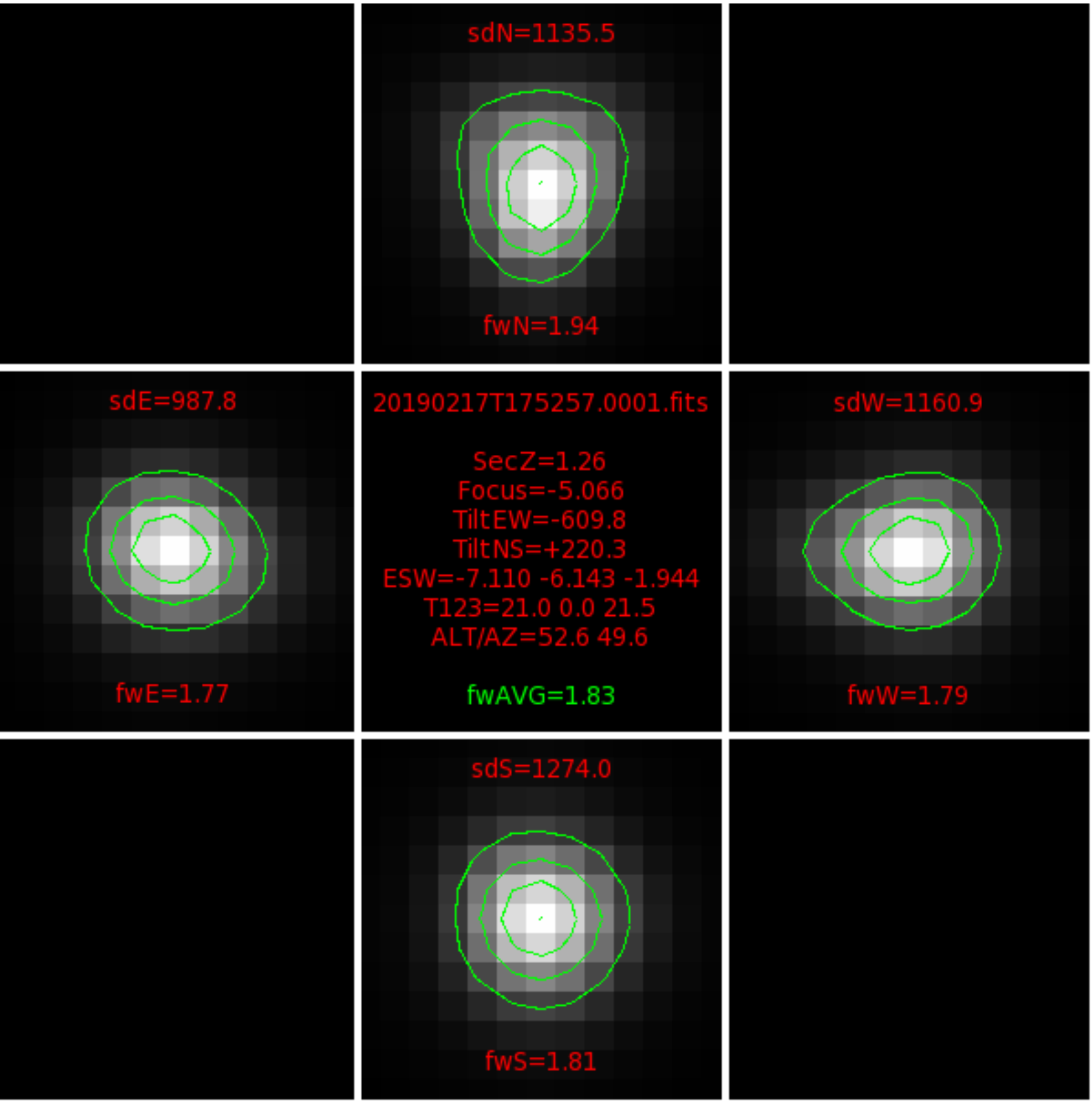
sdN=1135.5
fwN=1.94
sdE=987.8
fwE=1.77
20190217T175257.0001.fits
SecZ=1.26
Focus=-5.066
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.110 -6.143 -1.944
T123=21.0 0.0 21.5
ALT/AZ=52.6 49.6
fwAVG=1.83
sdW=1160.9
fwW=1.79
sdS=1274.0
fwS=1.81
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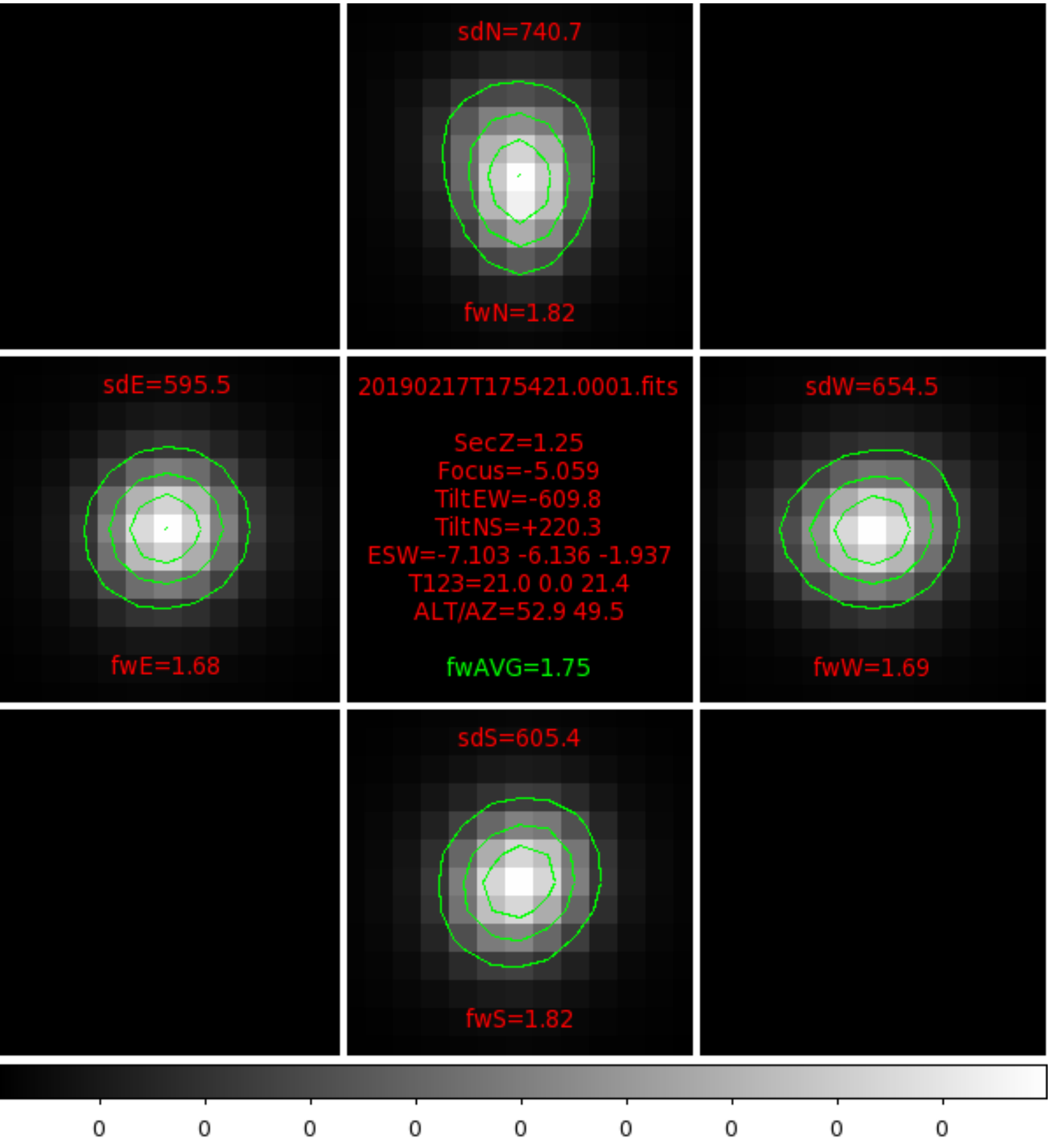
sdN=740.7
fwN=1.82
sdE=595.5
fwE=1.68
20190217T175421.0001.fits
SecZ=1.25
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=21.0 0.0 21.4
ALT/AZ=52.9 49.5
fwAVG=1.75
sdW=654.5
fwW=1.69
sdS=605.4
fwS=1.82
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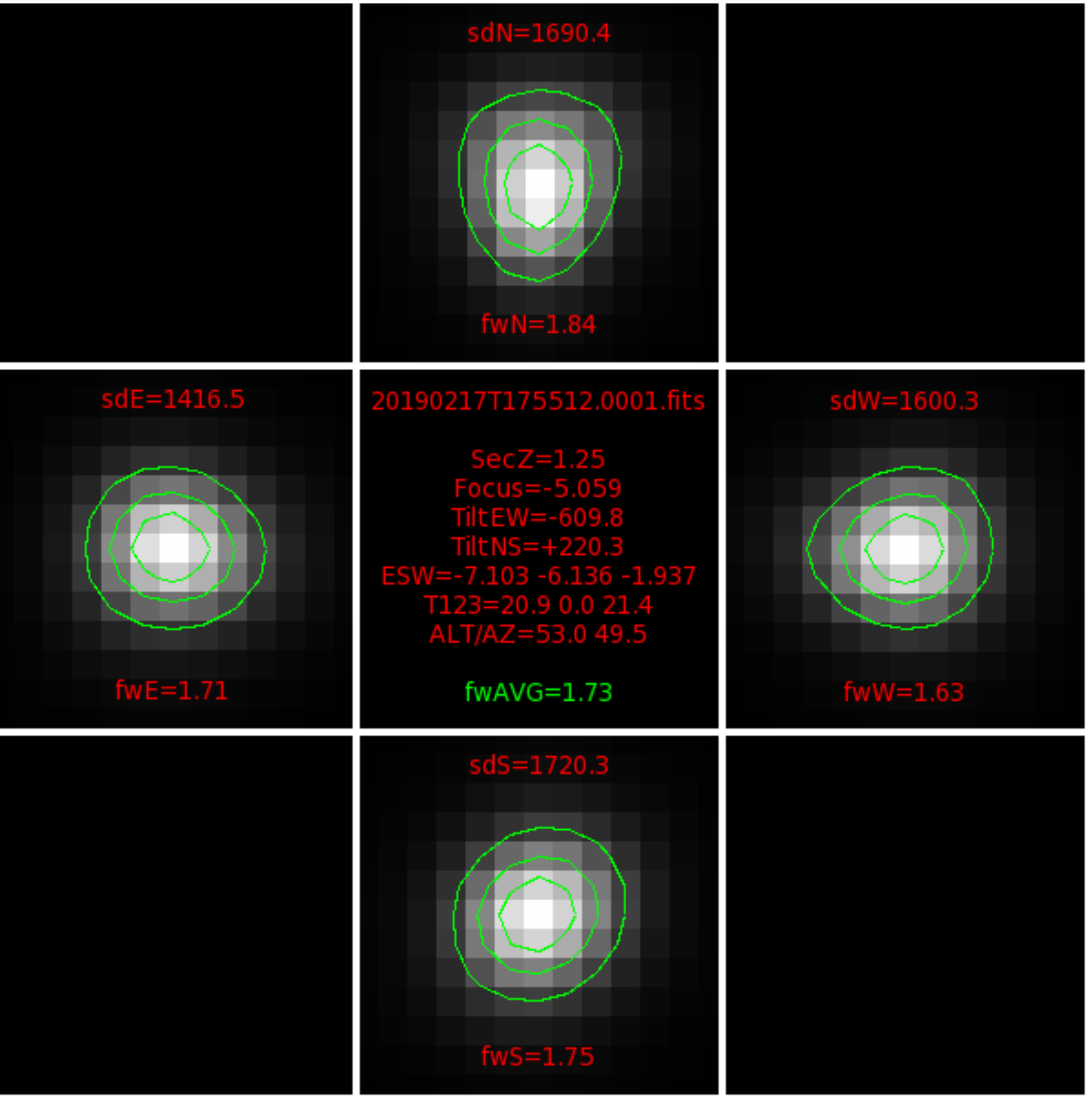
sdN=1690.4
fwN=1.84
sdE=1416.5
fwE=1.71
20190217T175512.0001.fits
SecZ=1.25
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.9 0.0 21.4
ALT/AZ=53.0 49.5
fwAVG=1.73
sdW=1600.3
fwW=1.63
sdS=1720.3
fwS=1.75
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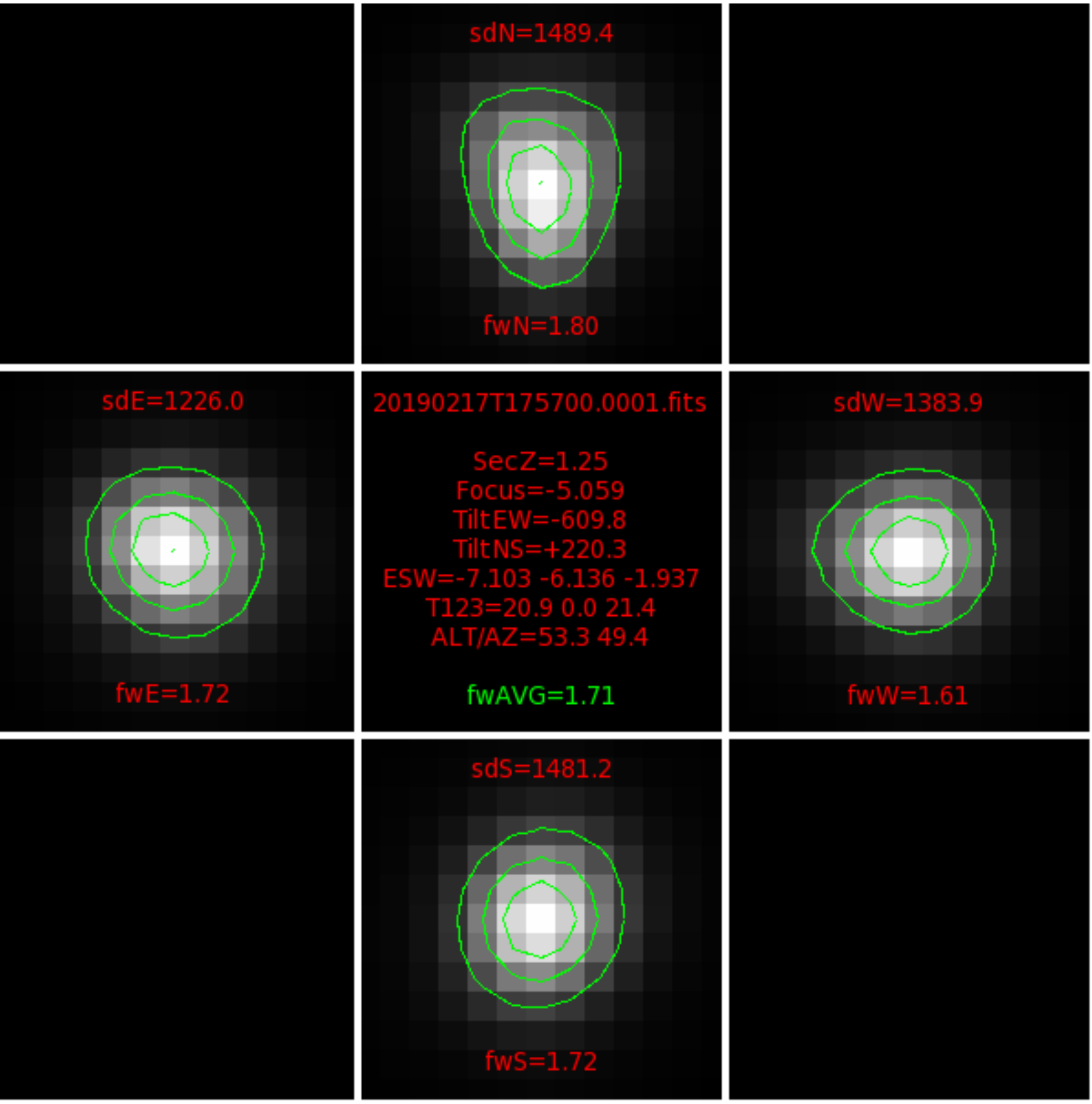
sdN=1489.4
fwN=1.80
sdE=1226.0
fwE=1.72
20190217T175700.0001.fits
SecZ=1.25
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.9 0.0 21.4
ALT/AZ=53.3 49.4
fwAVG=1.71
sdW=1383.9
fwW=1.61
sdS=1481.2
fwS=1.72
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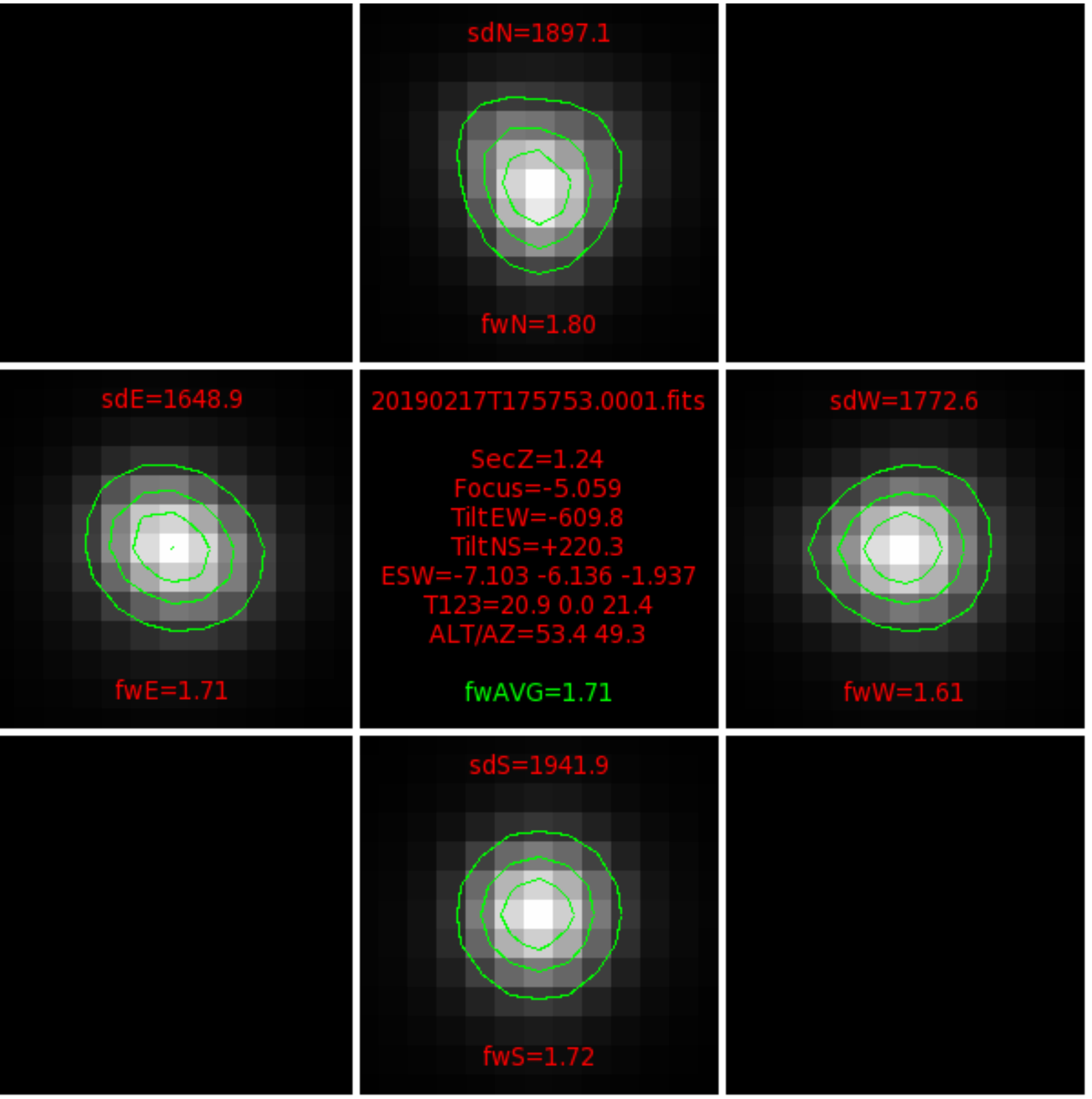
sdN=1897.1
fwN=1.80
sdE=1648.9
fwE=1.71
20190217T175753.0001.fits
SecZ=1.24
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.9 0.0 21.4
ALT/AZ=53.4 49.3
fwAVG=1.71
sdW=1772.6
fwW=1.61
sdS=1941.9
fwS=1.72
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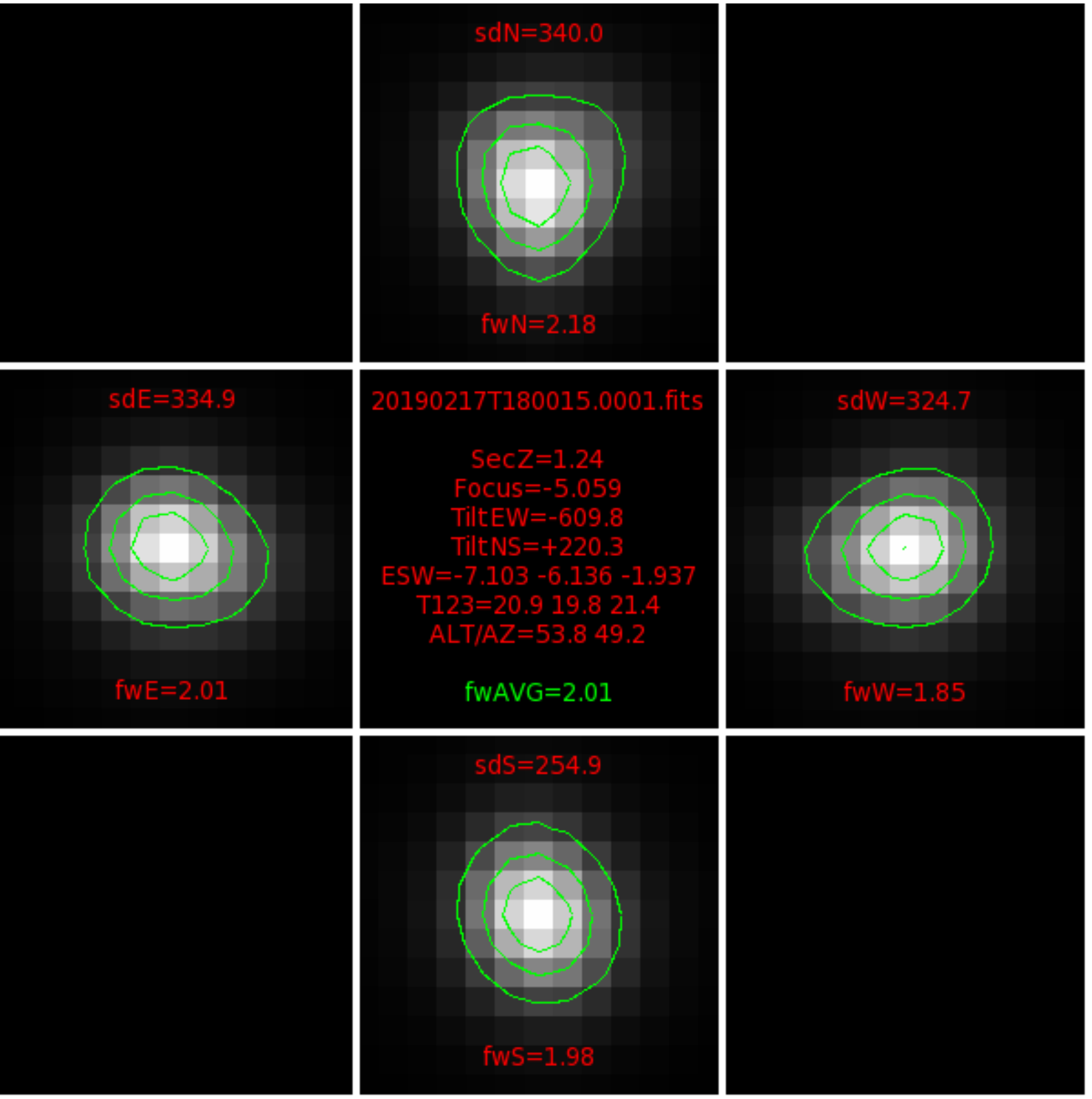
sdN=340.0
fwN=2.18
sdE=334.9
fwE=2.01
20190217T180015.0001.fits
SecZ=1.24
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.9 19.8 21.4
ALT/AZ=53.8 49.2
fwAVG=2.01
sdW=324.7
fwW=1.85
sdS=254.9
fwS=1.98
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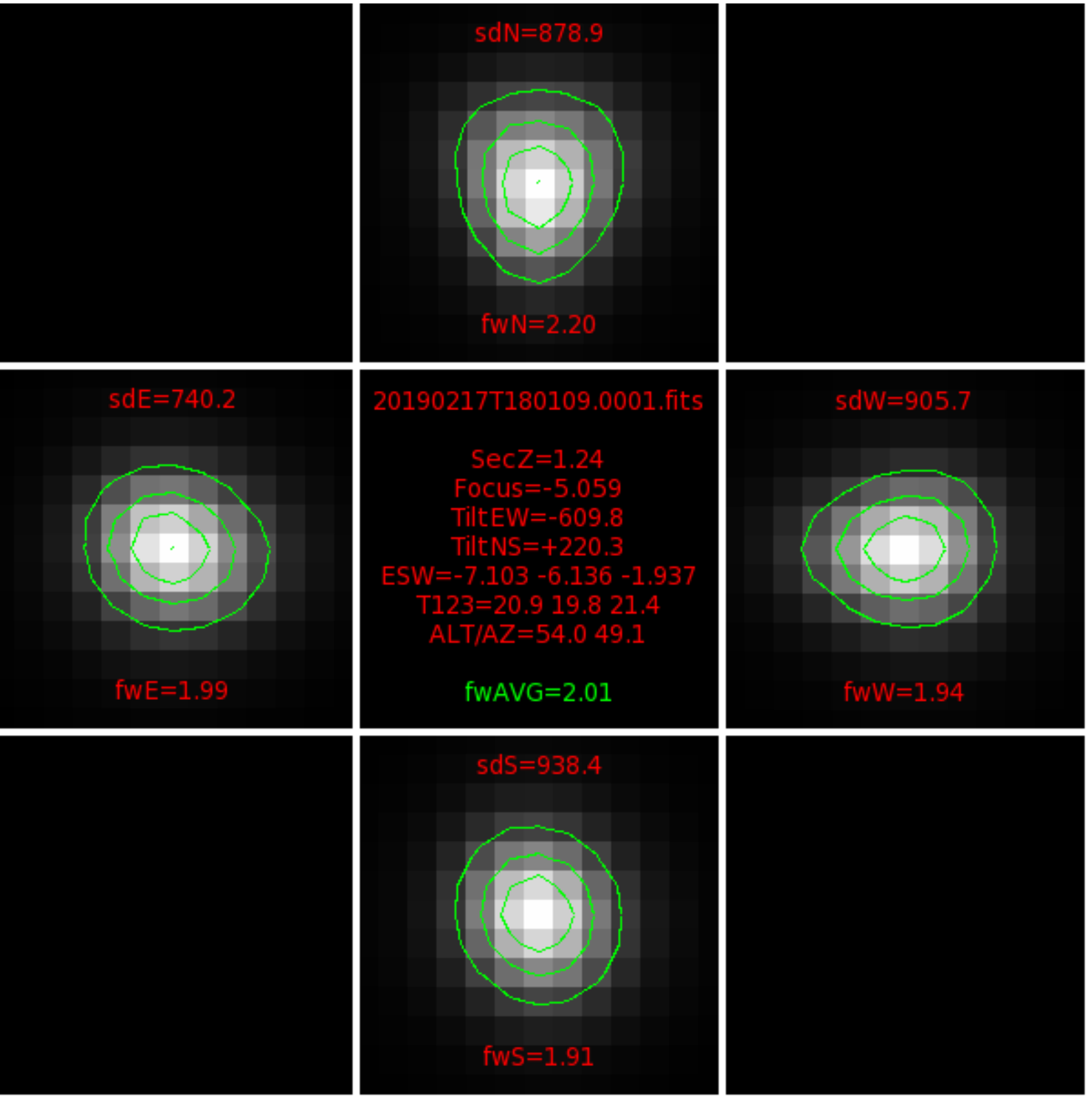
sdN=878.9
fwN=2.20
sdE=740.2
fwE=1.99
20190217T180109.0001.fits
SecZ=1.24
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.9 19.8 21.4
ALT/AZ=54.0 49.1
fwAVG=2.01
sdW=905.7
fwW=1.94
sdS=938.4
fwS=1.91
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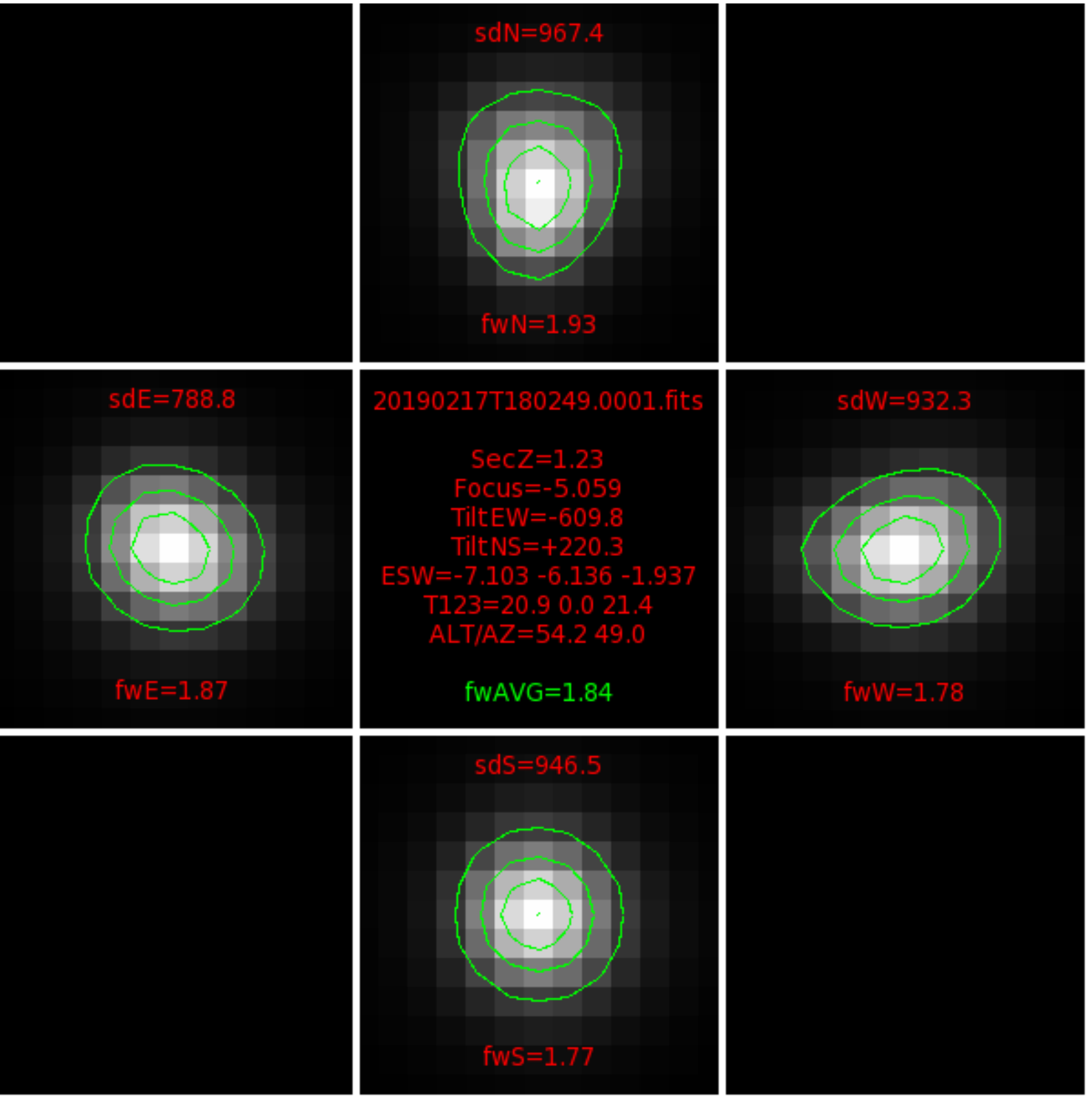
sdN=967.4
fwN=1.93
sdE=788.8
fwE=1.87
20190217T180249.0001.fits
SecZ=1.23
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.9 0.0 21.4
ALT/AZ=54.2 49.0
fwAVG=1.84
sdW=932.3
fwW=1.78
sdS=946.5
fwS=1.77
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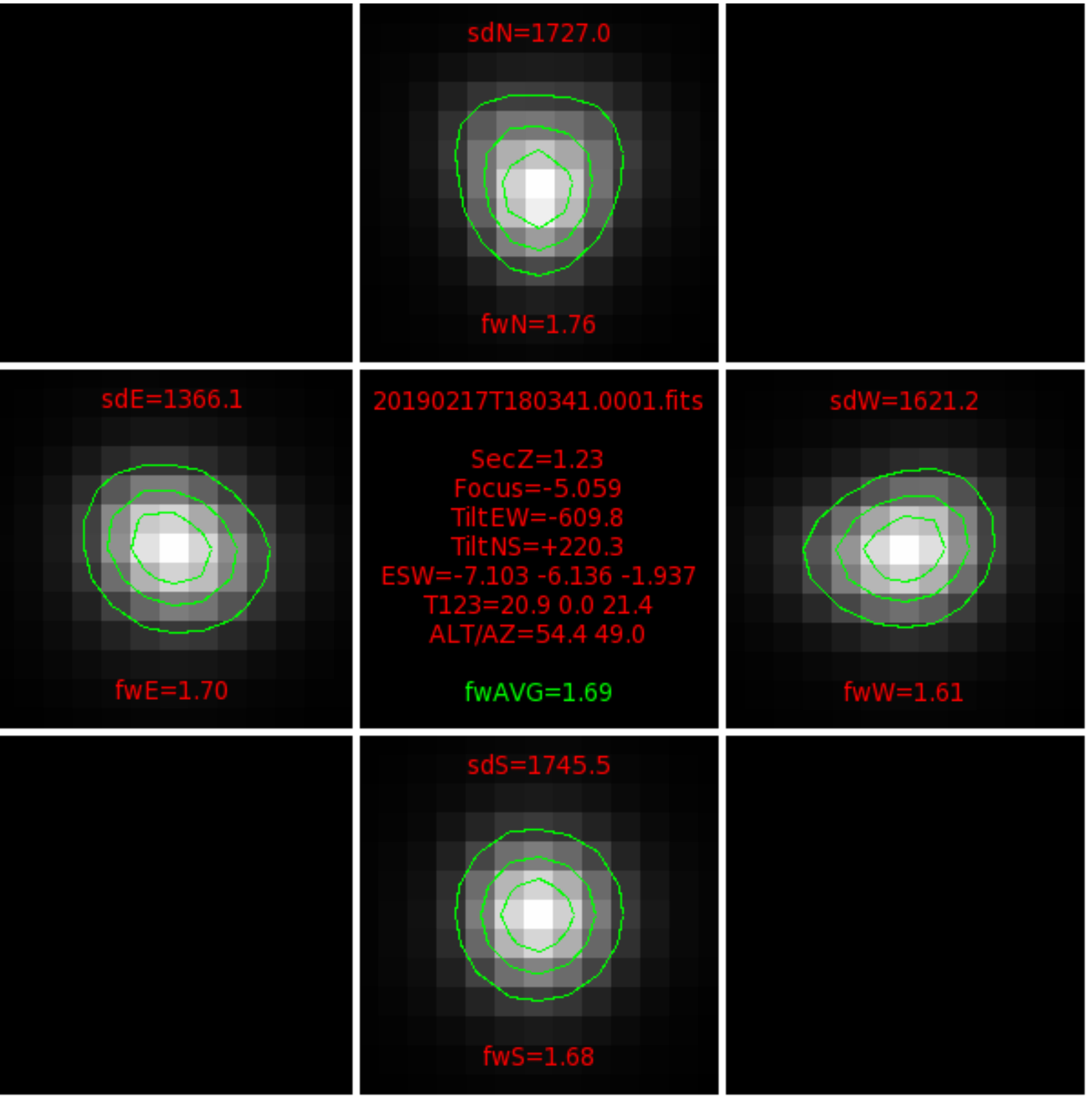
sdN=1727.0
fwN=1.76
sdE=1366.1
fwE=1.70
20190217T180341.0001.fits
SecZ=1.23
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.9 0.0 21.4
ALT/AZ=54.4 49.0
fwAVG=1.69
sdW=1621.2
fwW=1.61
sdS=1745.5
fwS=1.68
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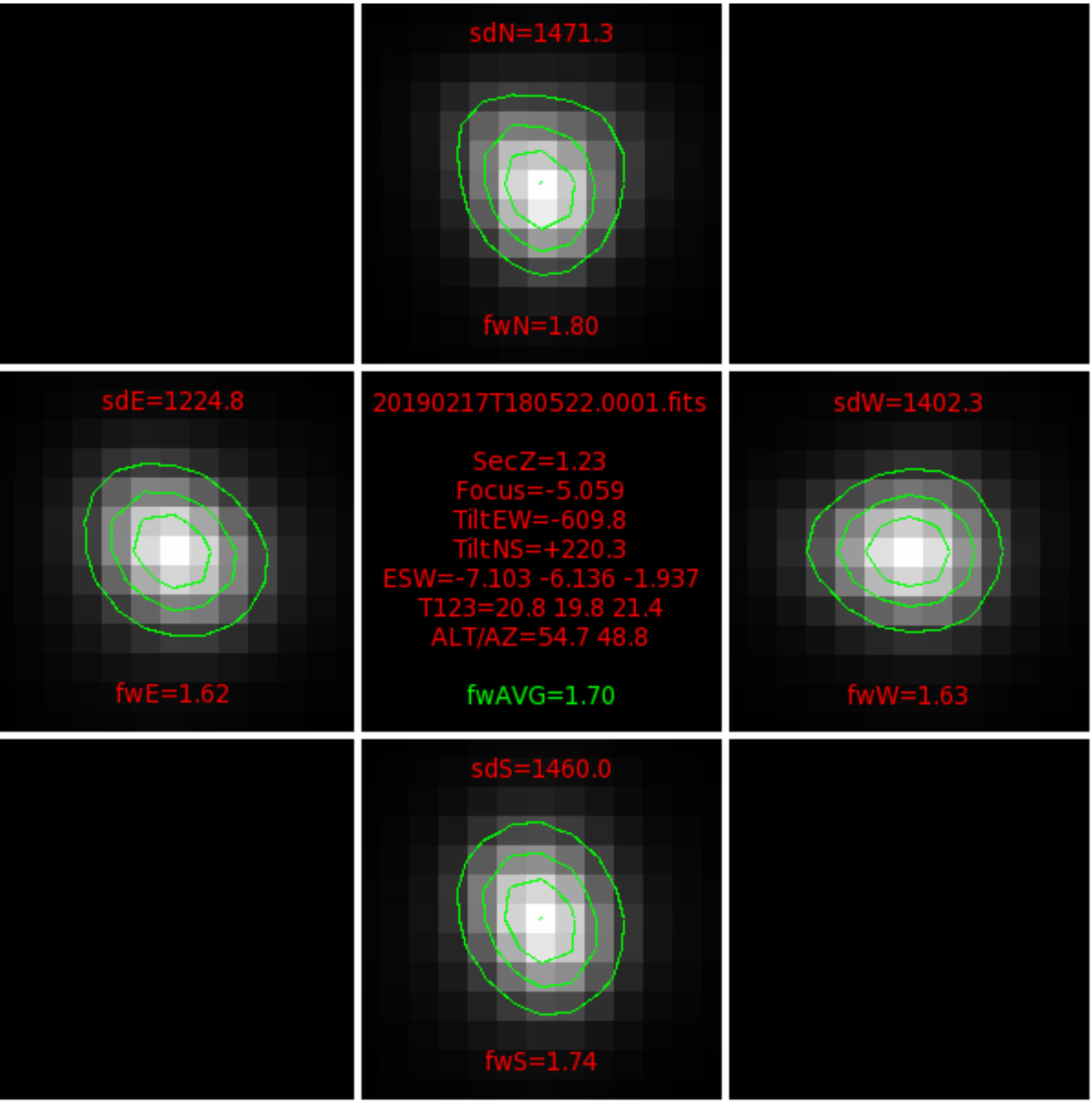
sdN=1471.3
fwN=1.80
sdE=1224.8
fwE=1.62
20190217T180522.0001.fits
SecZ=1.23
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.8 19.8 21.4
ALT/AZ=54.7 48.8
fwAVG=1.70
sdW=1402.3
fwW=1.63
sdS=1460.0
fwS=1.74
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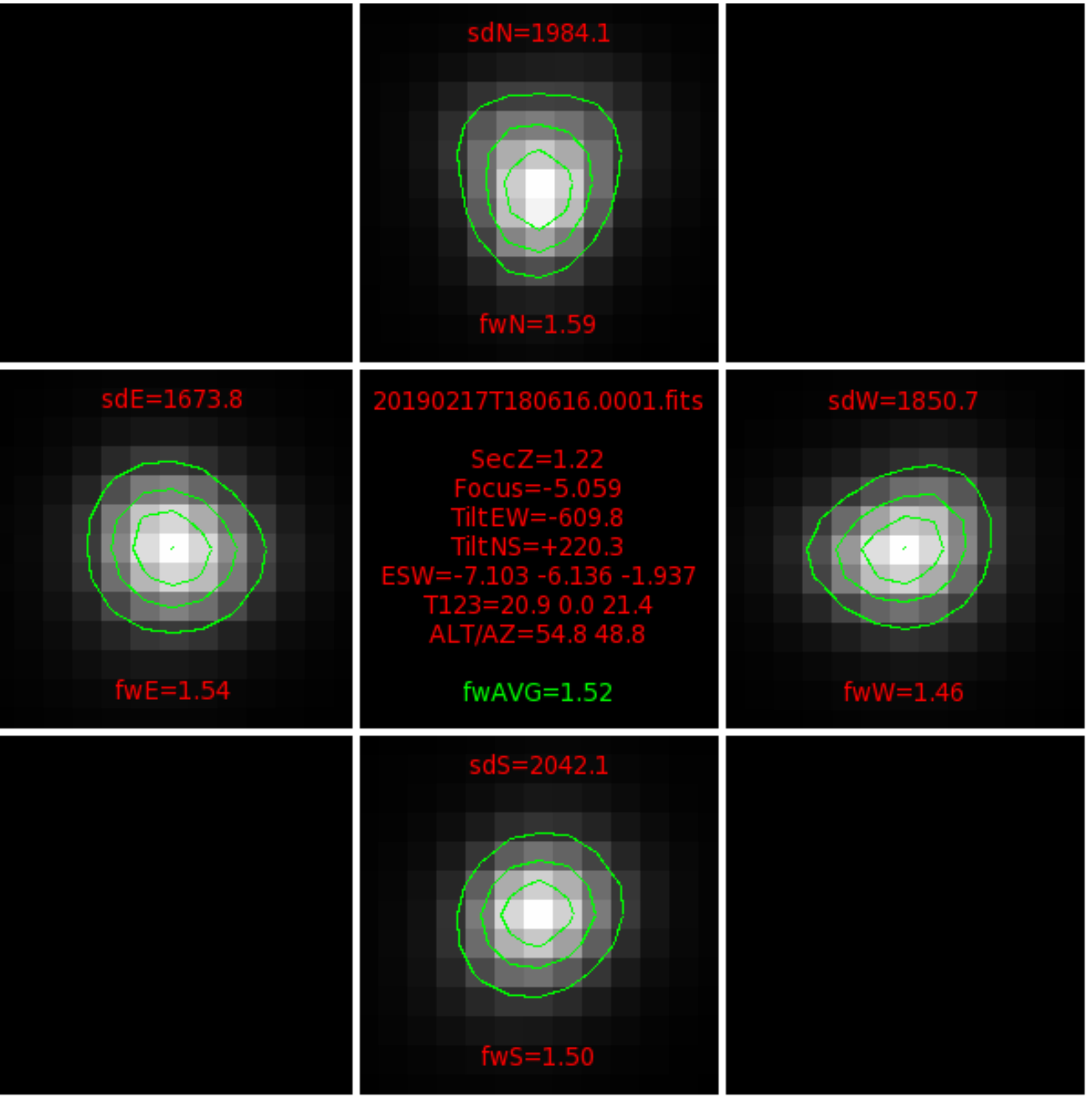
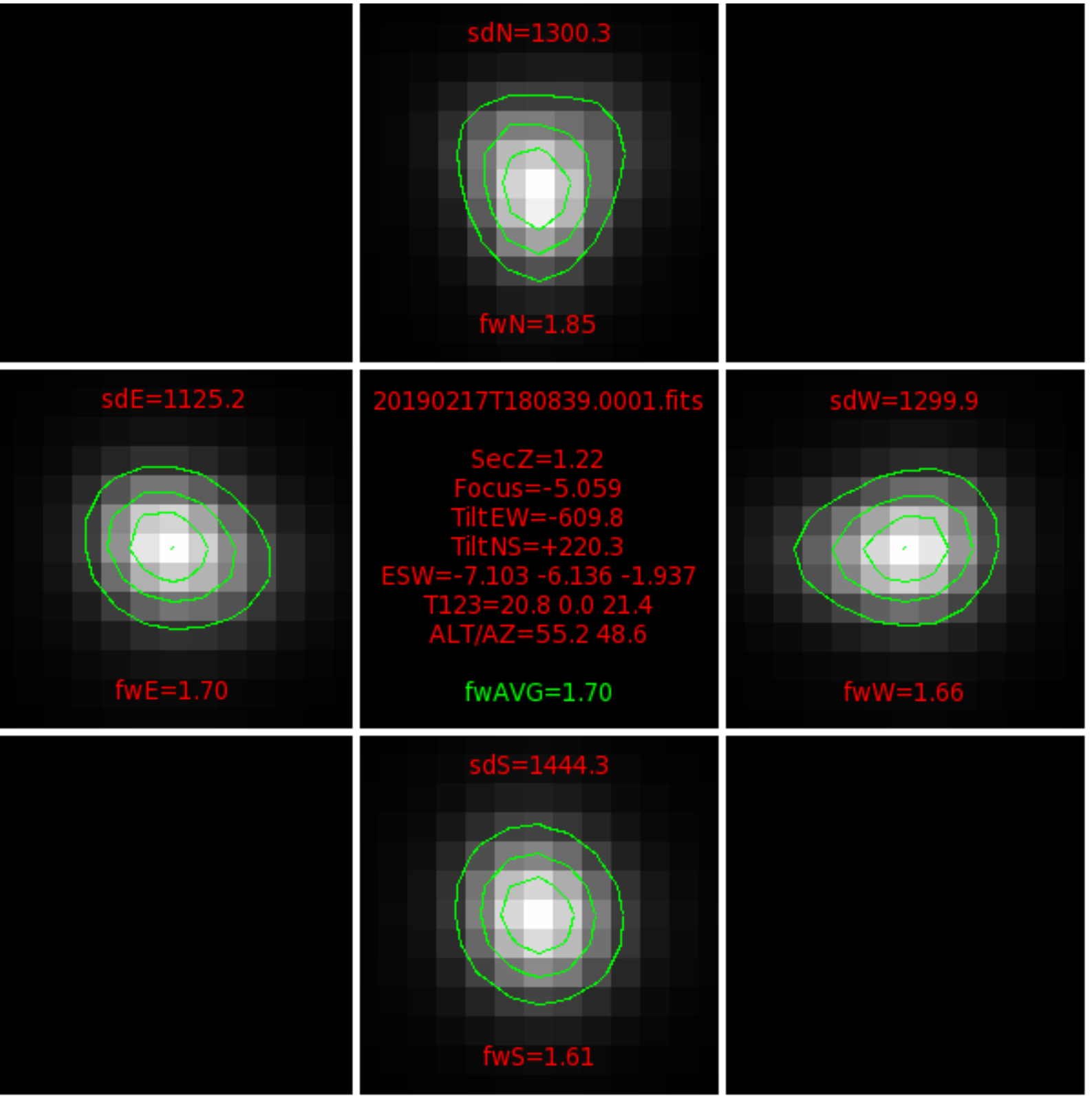

sdN=1984.1
fwN=1.59
sdE=1673.8
fwE=1.54
20190217T180616.0001.fits
SecZ=1.22
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.9 0.0 21.4
ALT/AZ=54.8 48.8
fwAVG=1.52
sdW=1850.7
fwW=1.46
sdS=2042.1
fwS=1.50
0 0 0 0 0 0 0 0 0


sdN=1300.3
fwN=1.85
sdE=1125.2
fwE=1.70
20190217T180839.0001.fits
SecZ=1.22
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.8 0.0 21.4
ALT/AZ=55.2 48.6
fwAVG=1.70
sdW=1299.9
fwW=1.66
sdS=1444.3
fwS=1.61
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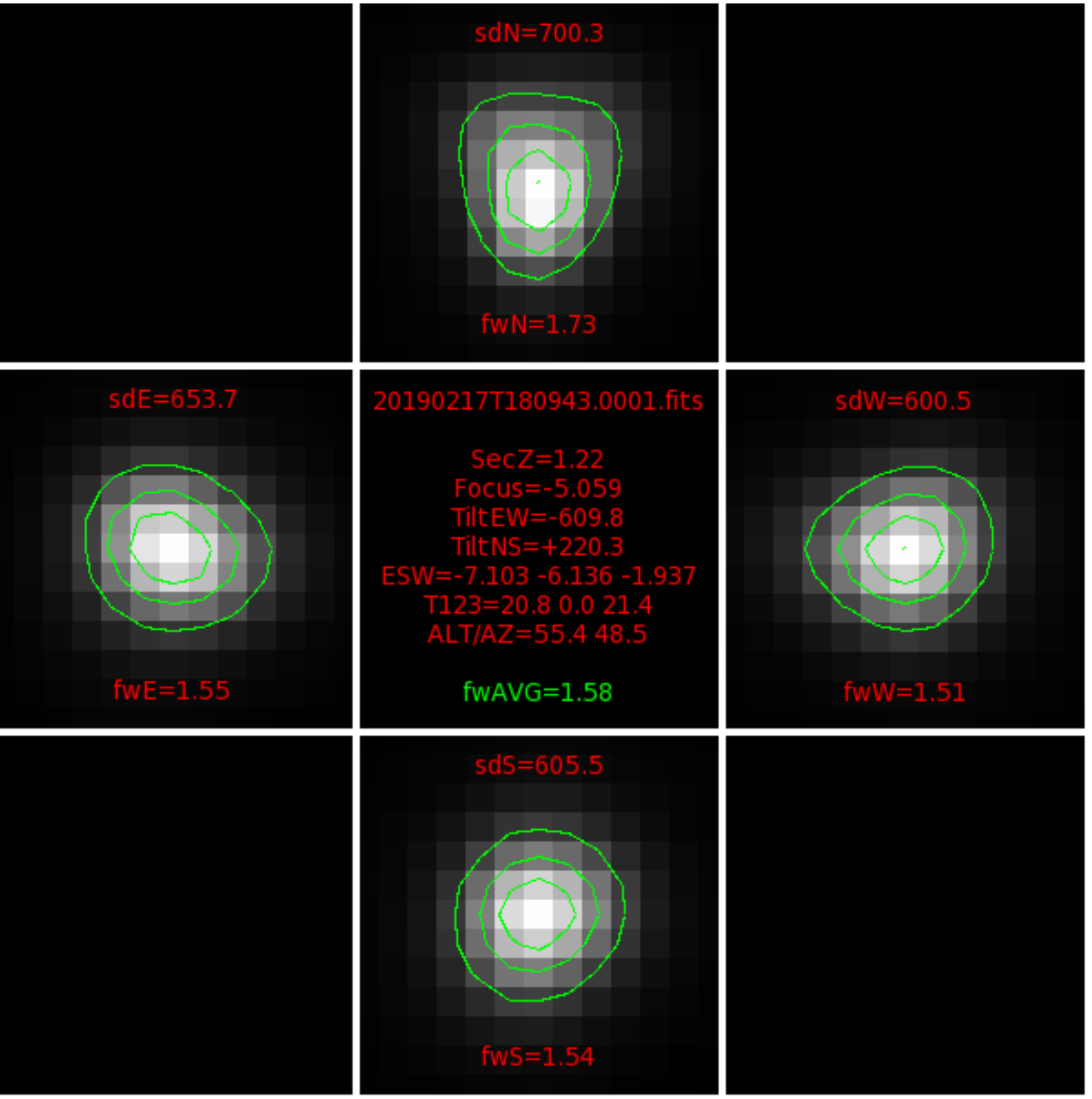
sdN=700.3
fwN=1.73
sdE=653.7
fwE=1.55
20190217T180943.0001.fits
SecZ=1.22
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.8 0.0 21.4
ALT/AZ=55.4 48.5
fwAVG=1.58
sdW=600.5
fwW=1.51
sdS=605.5
fwS=1.54
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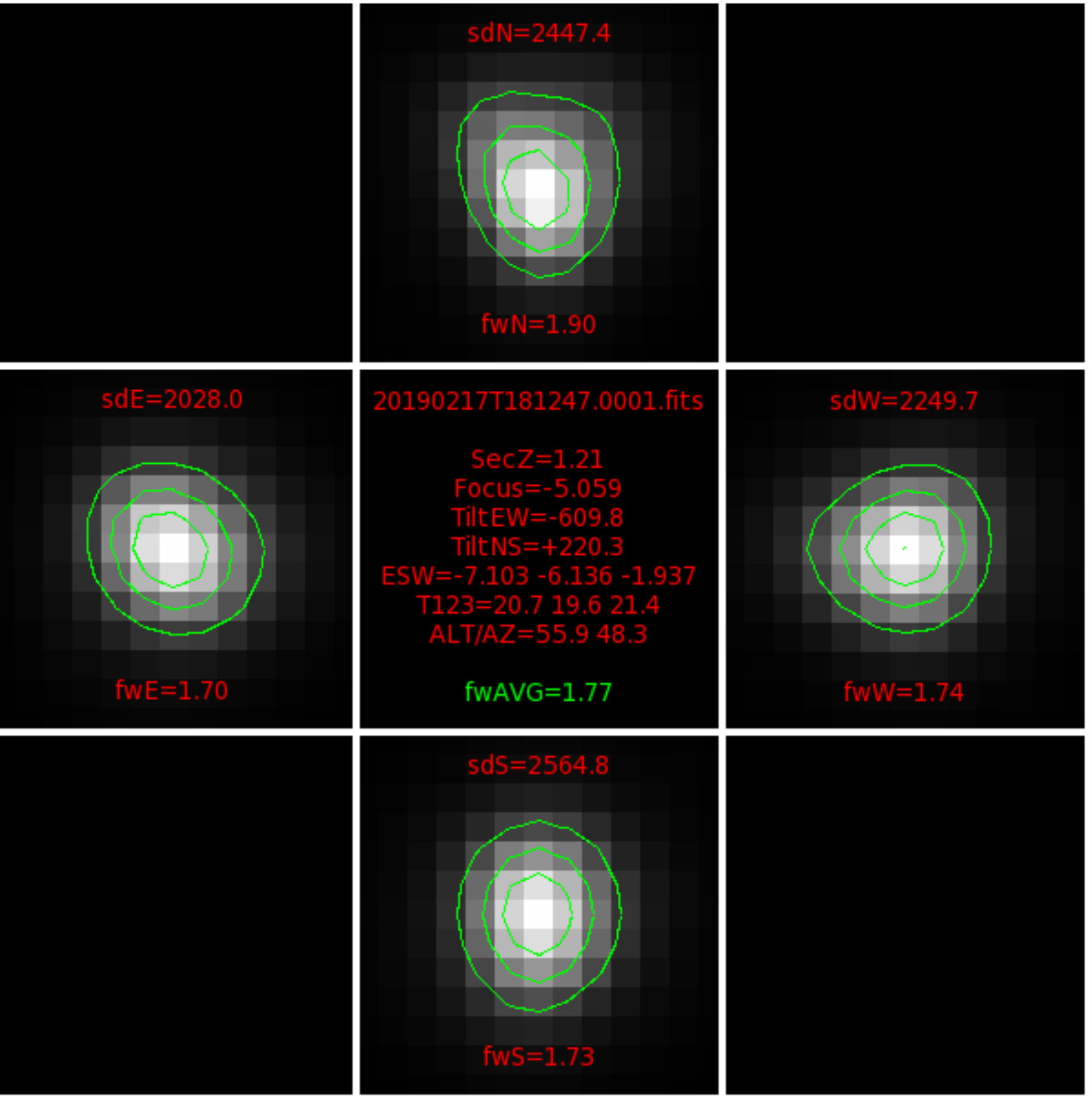
sdN=2447.4
fwN=1.90
sdE=2028.0
fwE=1.70
20190217T181247.0001.fits
SecZ=1.21
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.7 19.6 21.4
ALT/AZ=55.9 48.3
fwAVG=1.77
sdW=2249.7
fwW=1.74
sdS=2564.8
fwS=1.73
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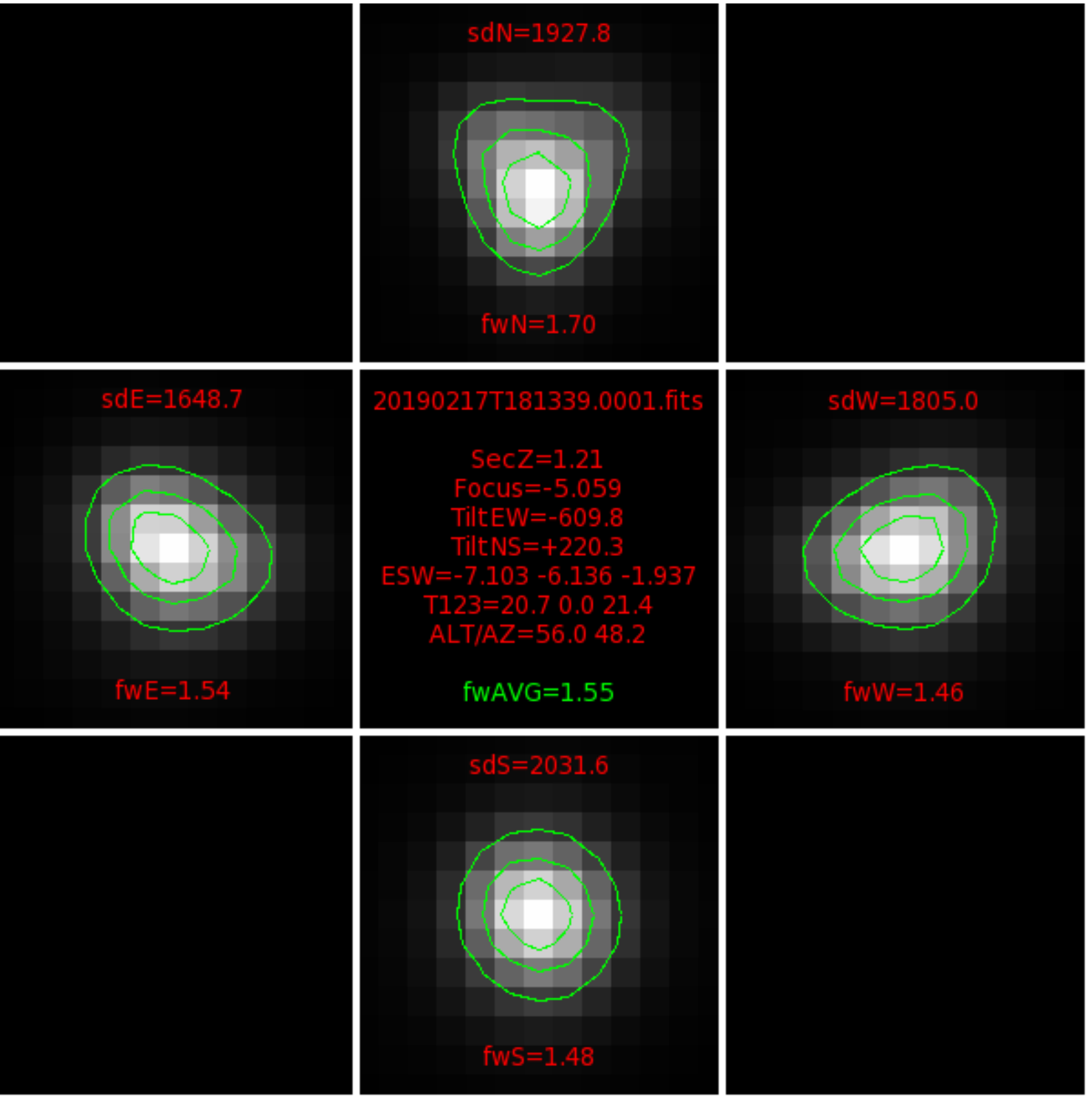
sdN=1927.8
fwN=1.70
sdE=1648.7
fwE=1.54
20190217T181339.0001.fits
SecZ=1.21
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.7 0.0 21.4
ALT/AZ=56.0 48.2
fwAVG=1.55
sdW=1805.0
fwW=1.46
sdS=2031.6
fwS=1.48
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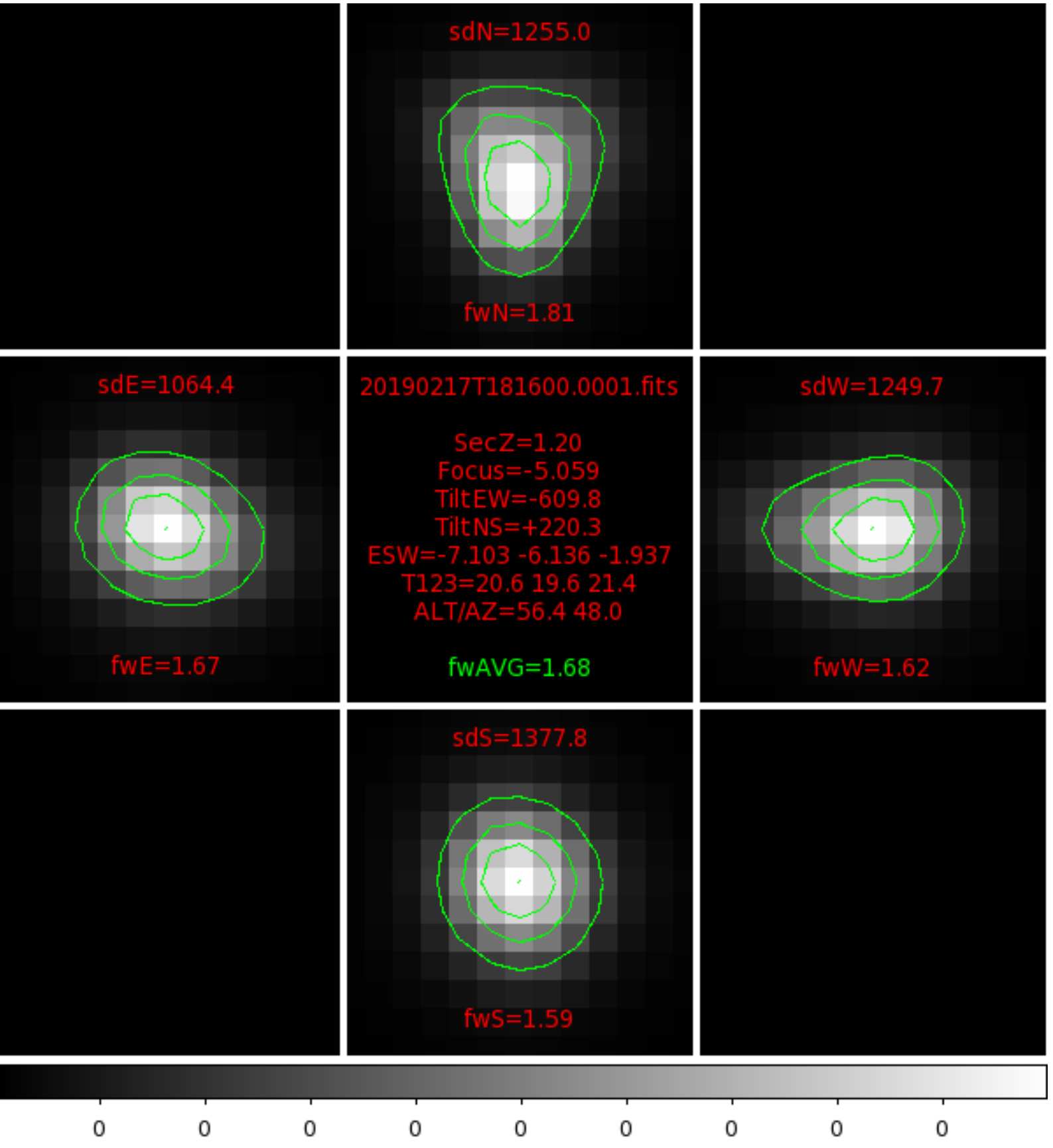
sdN=1255.0
fwN=1.81
sdE=1064.4
fwE=1.67
20190217T181600.0001.fits
SecZ=1.20
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.6 19.6 21.4
ALT/AZ=56.4 48.0
fwAVG=1.68
sdW=1249.7
fwW=1.62
sdS=1377.8
fwS=1.59
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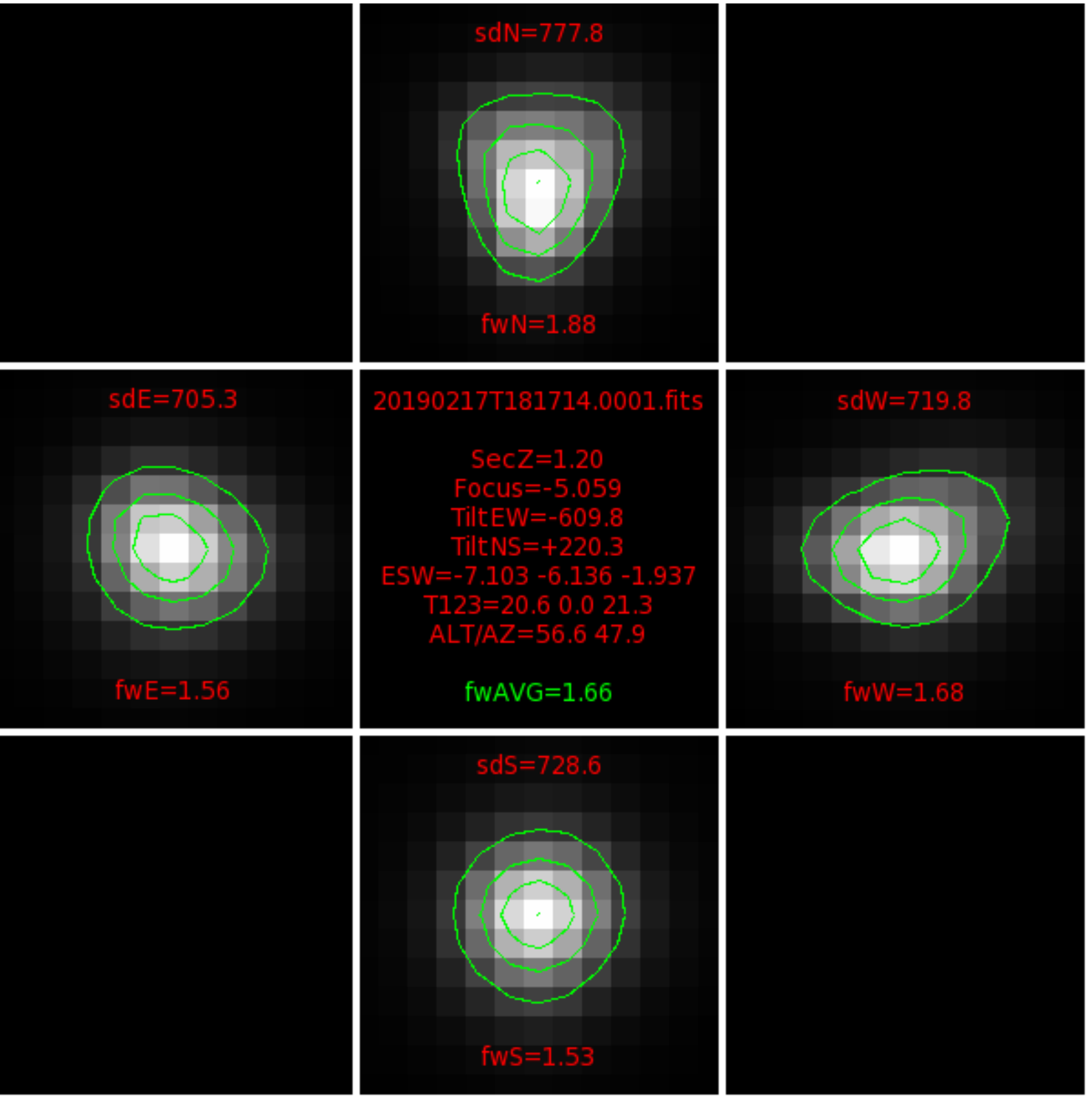
sdN=777.8
fwN=1.88
sdE=705.3
fwE=1.56
20190217T181714.0001.fits
SecZ=1.20
Focus=-5.059
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.103 -6.136 -1.937
T123=20.6 0.0 21.3
ALT/AZ=56.6 47.9
fwAVG=1.66
sdW=719.8
fwW=1.68
sdS=728.6
fwS=1.53
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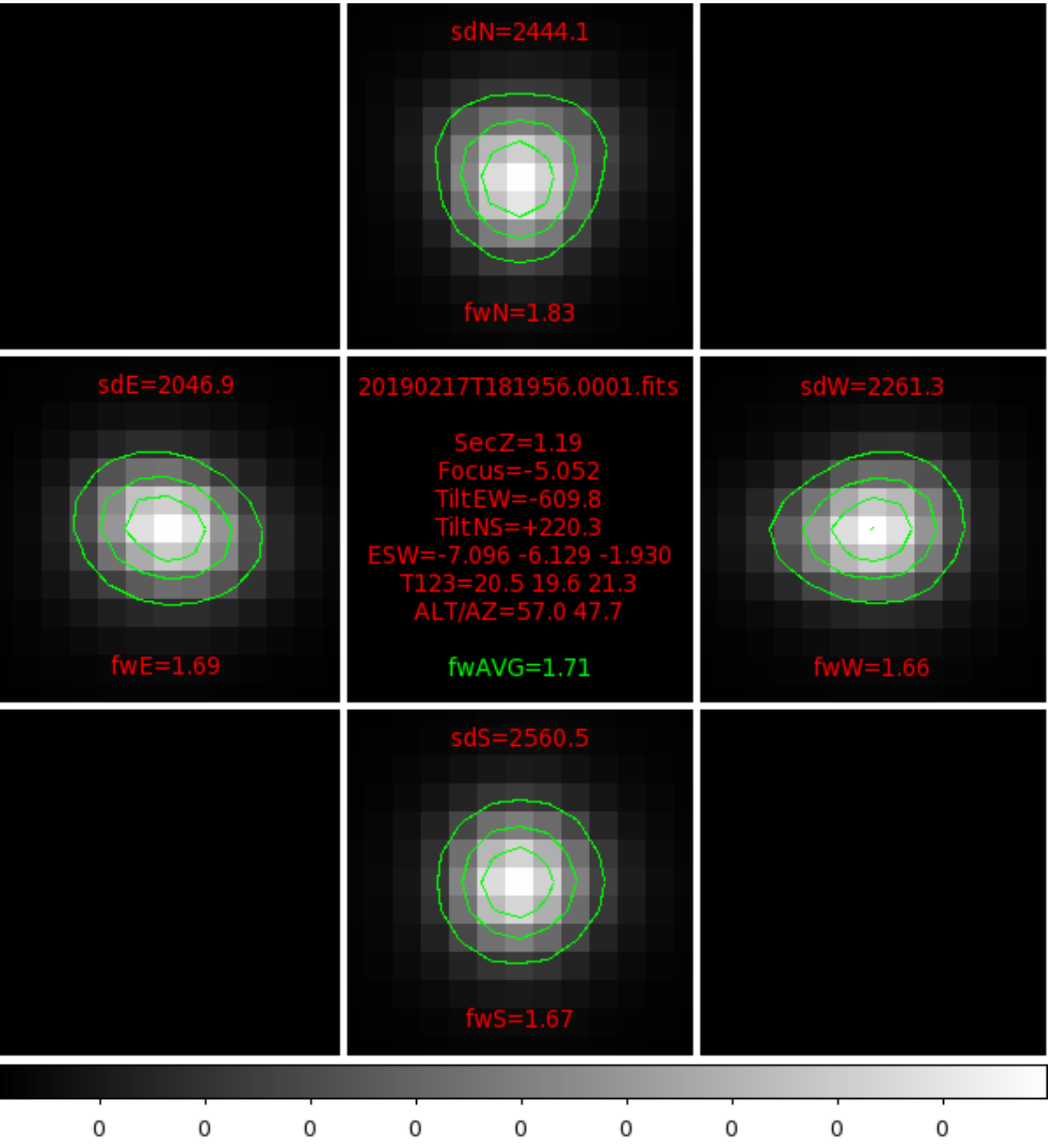
sdN=2444.1
fwN=1.83
sdE=2046.9
fwE=1.69
20190217T181956.0001.fits
SecZ=1.19
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.5 19.6 21.3
ALT/AZ=57.0 47.7
fwAVG=1.71
sdW=2261.3
fwW=1.66
sdS=2560.5
fwS=1.67
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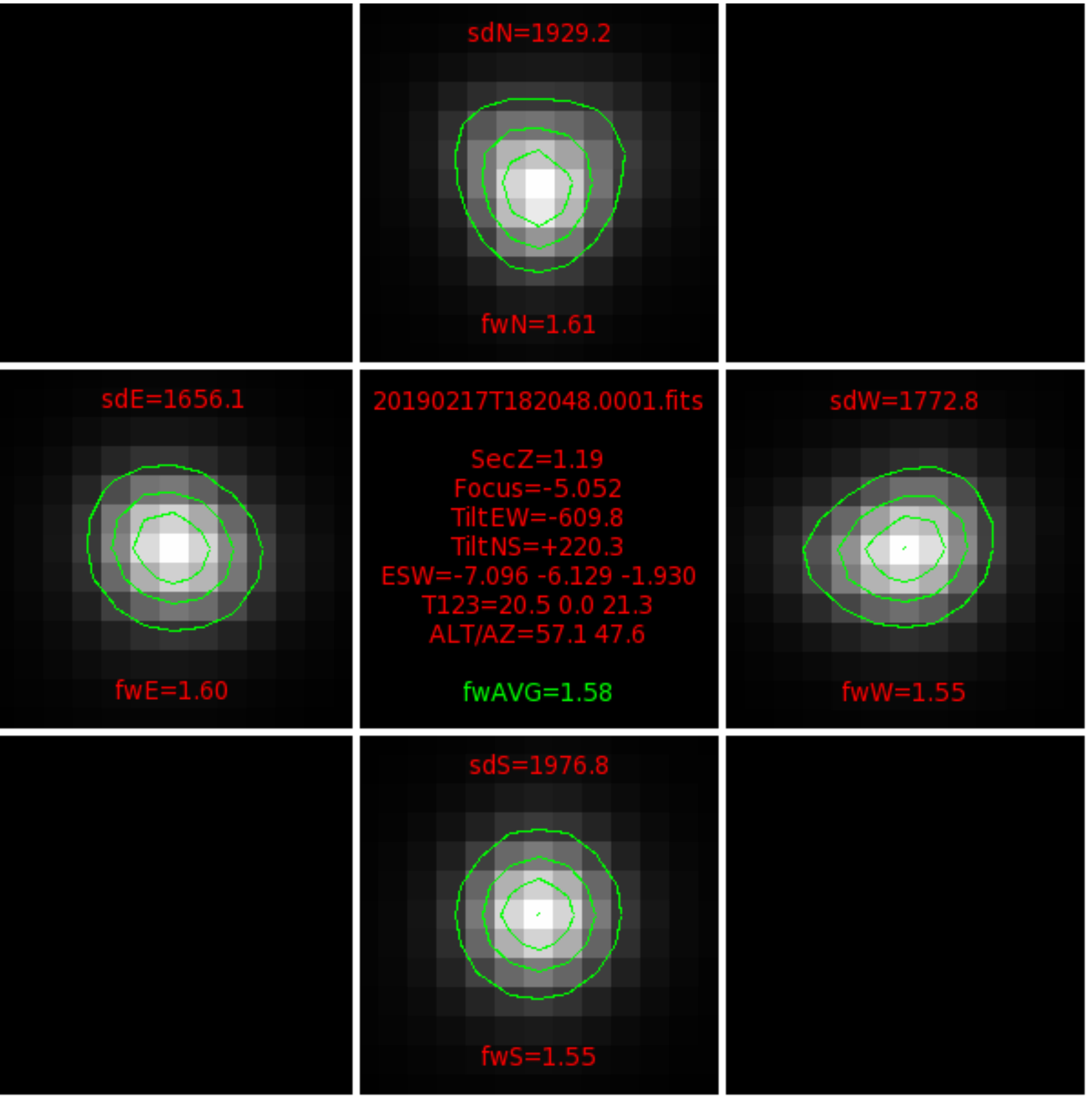
sdN=1929.2
fwN=1.61
sdE=1656.1
fwE=1.60
20190217T182048.0001.fits
SecZ=1.19
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.5 0.0 21.3
ALT/AZ=57.1 47.6
fwAVG=1.58
sdW=1772.8
fwW=1.55
sdS=1976.8
fwS=1.55
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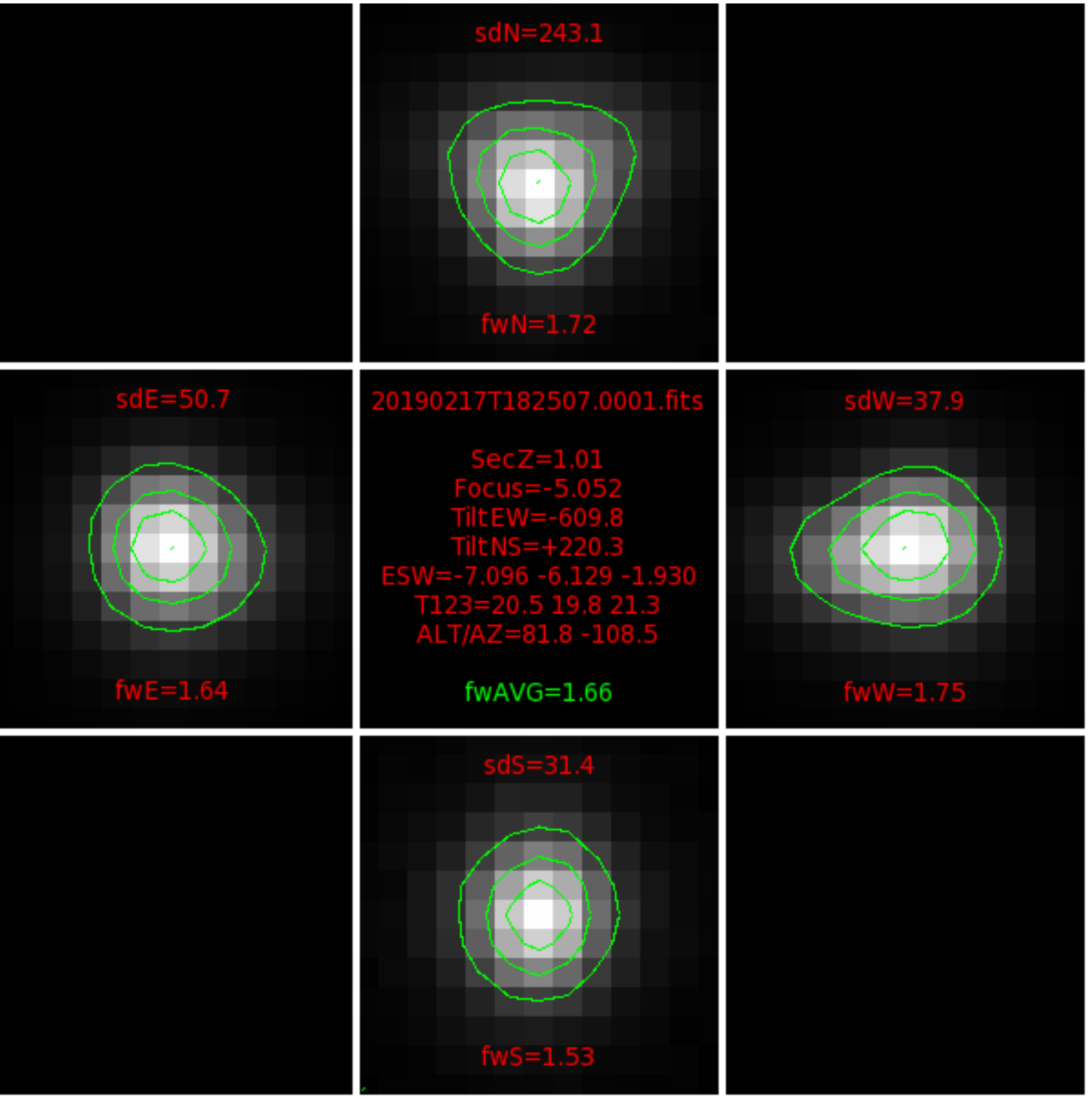
sdN=243.1
fwN=1.72
sdE=50.7
fwE=1.64
20190217T182507.0001.fits
SecZ=1.01
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.5 19.8 21.3
ALT/AZ=81.8 -108.5
fwAVG=1.66
sdW=37.9
fwW=1.75
sdS=31.4
fwS=1.53
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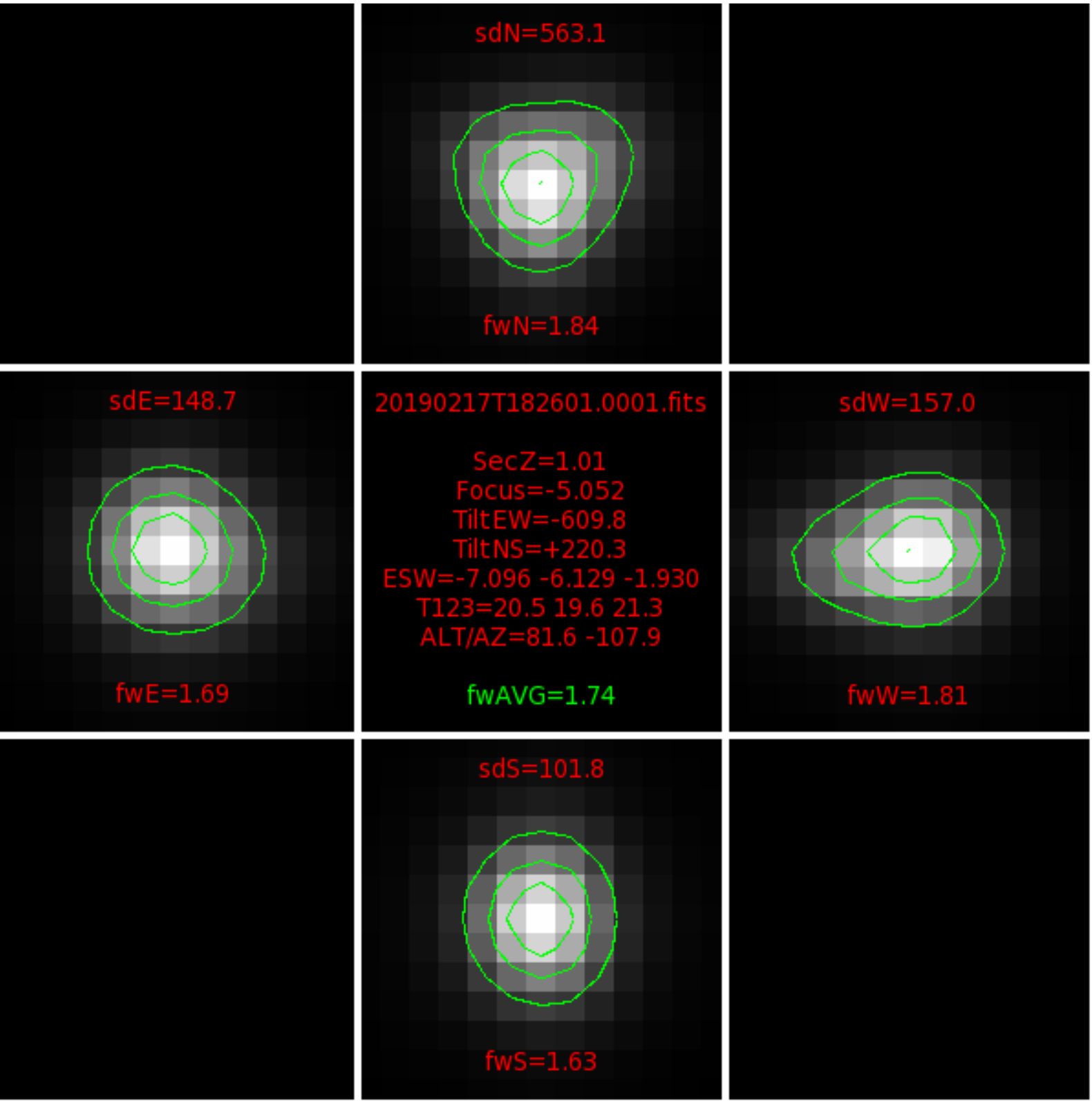
sdN=563.1
fwN=1.84
sdE=148.7
fwE=1.69
20190217T182601.0001.fits
SecZ=1.01
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.5 19.6 21.3
ALT/AZ=81.6 -107.9
fwAVG=1.74
sdW=157.0
fwW=1.81
sdS=101.8
fwS=1.63
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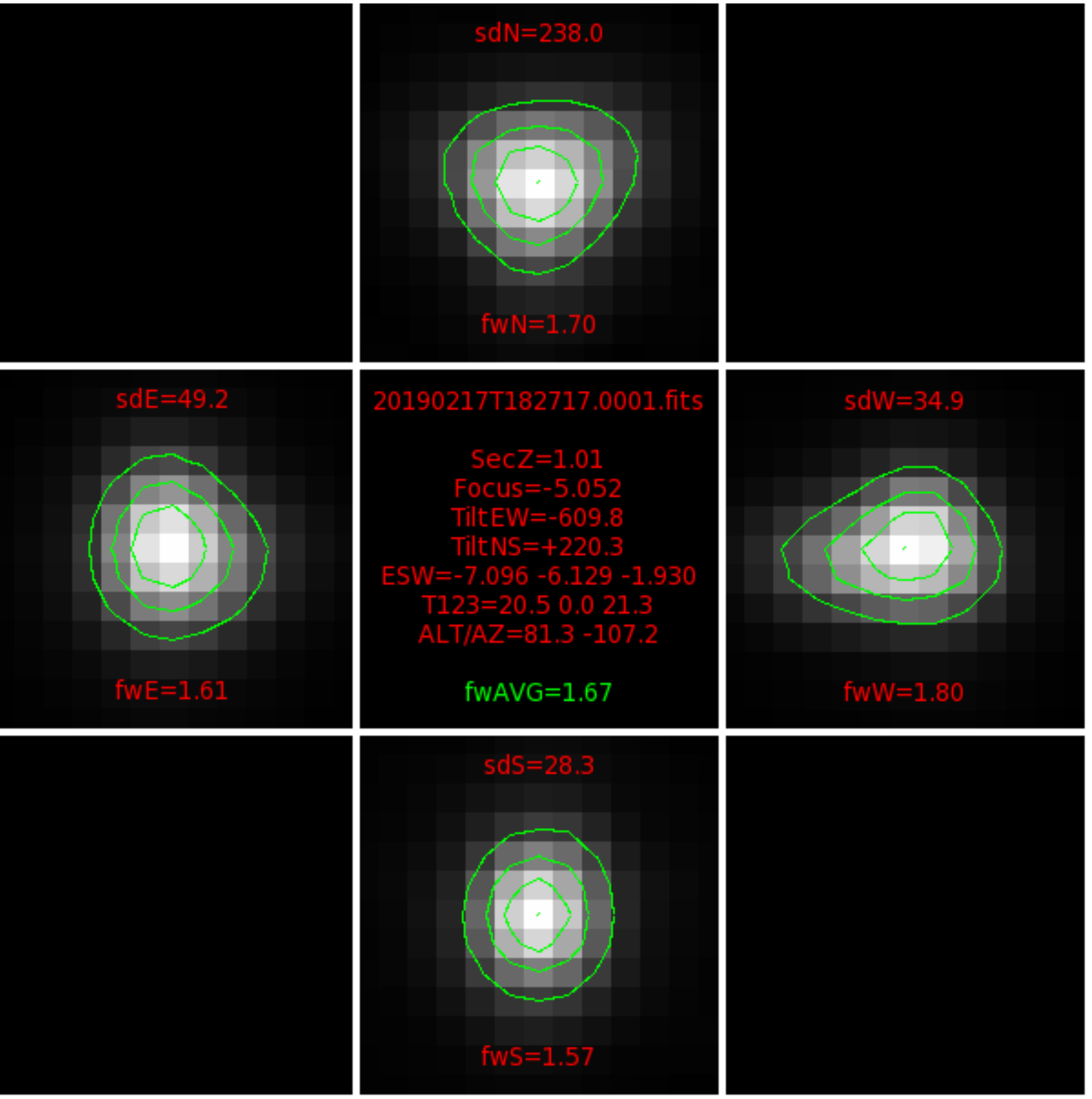
sdN=238.0
fwN=1.70
sdE=49.2
fwE=1.61
20190217T182717.0001.fits
SecZ=1.01
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.5 0.0 21.3
ALT/AZ=81.3 -107.2
fwAVG=1.67
sdW=34.9
fwW=1.80
sdS=28.3
fwS=1.57
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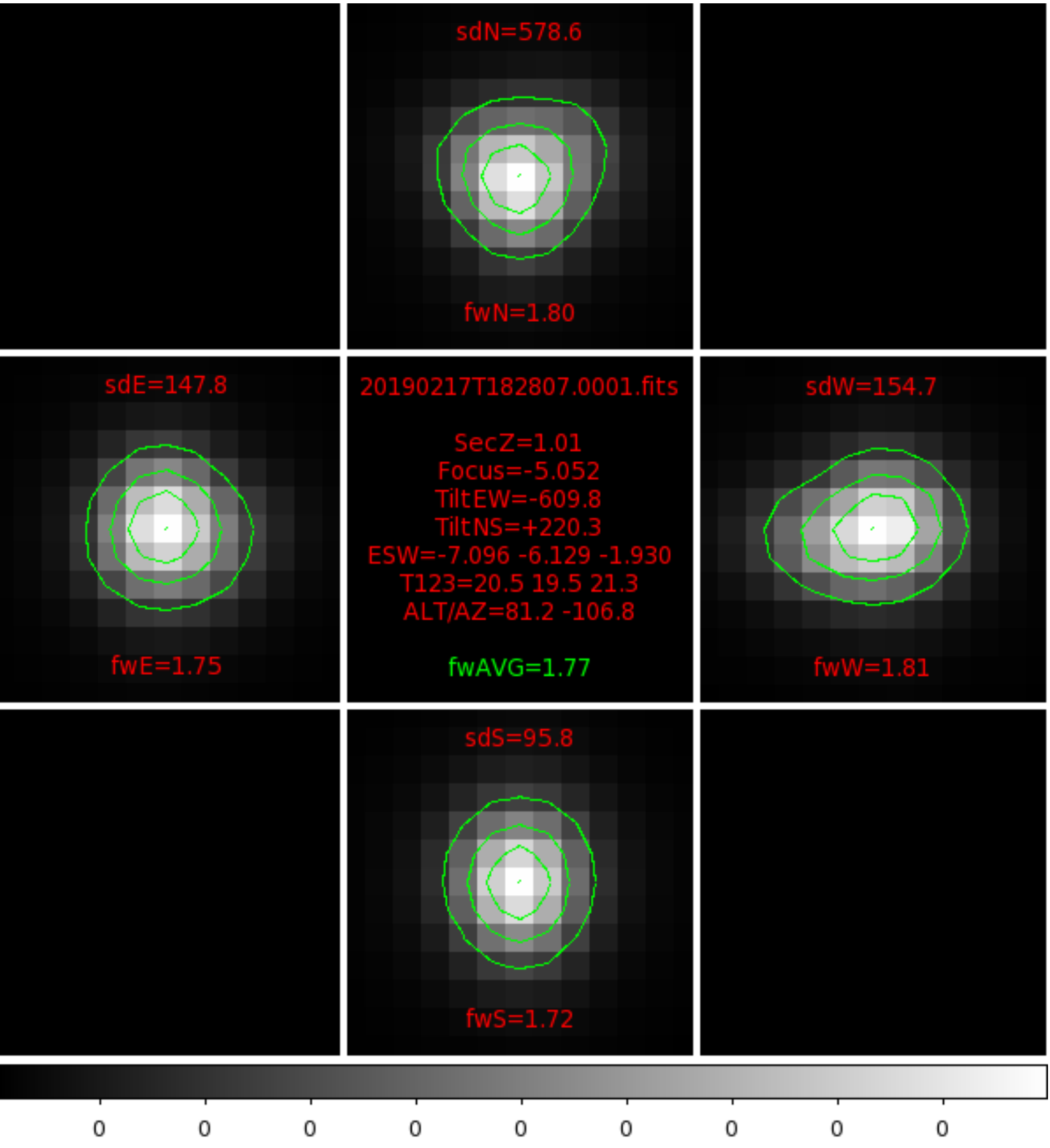
sdN=578.6
fwN=1.80
sdE=147.8
fwE=1.75
20190217T182807.0001.fits
SecZ=1.01
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.5 19.5 21.3
ALT/AZ=81.2 -106.8
fwAVG=1.77
sdW=154.7
fwW=1.81
sdS=95.8
fwS=1.72
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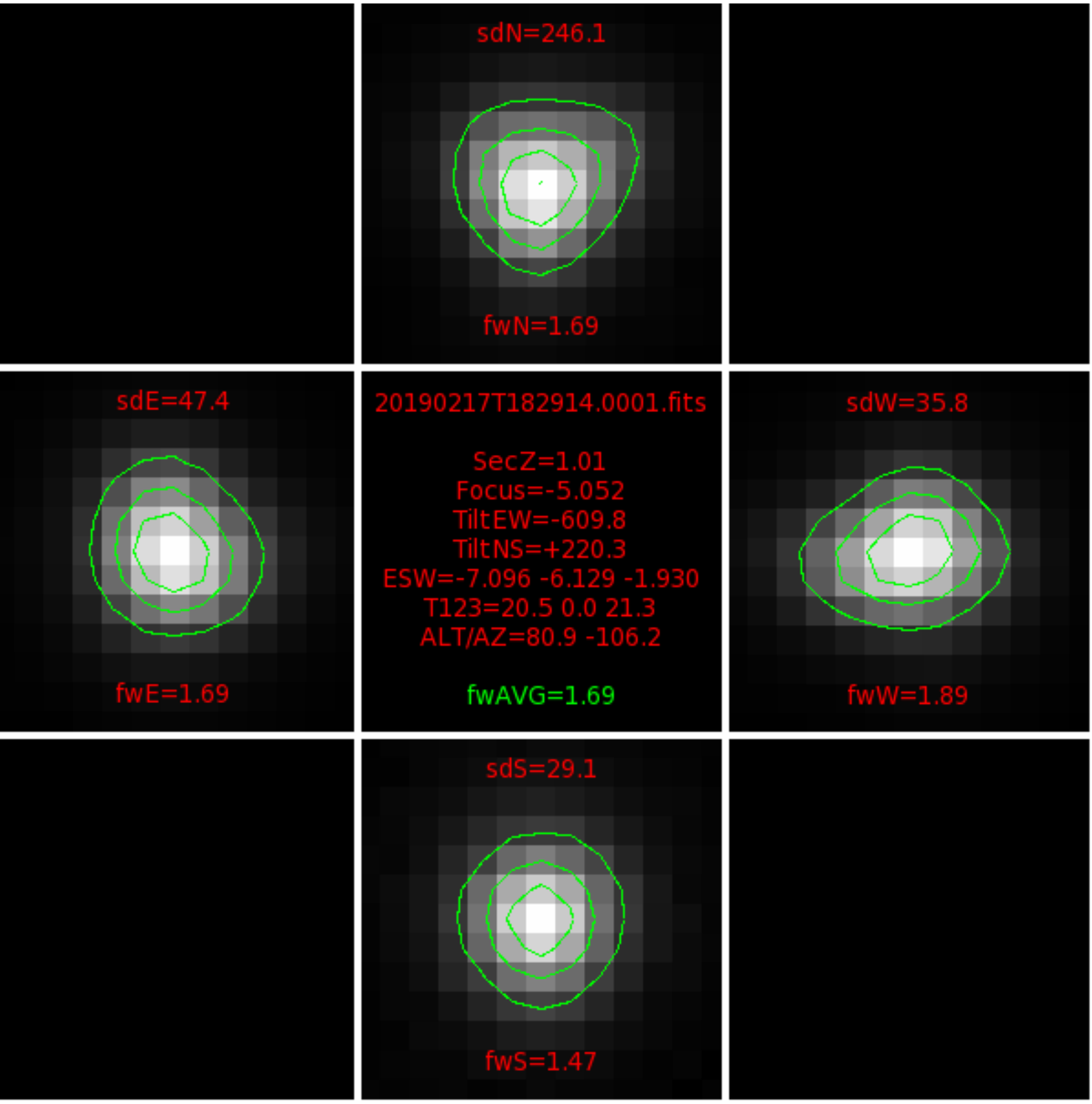
sdN=246.1
fwN=1.69
sdE=47.4
fwE=1.69
20190217T182914.0001.fits
SecZ=1.01
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.5 0.0 21.3
ALT/AZ=80.9 -106.2
fwAVG=1.69
sdW=35.8
fwW=1.89
sdS=29.1
fwS=1.47
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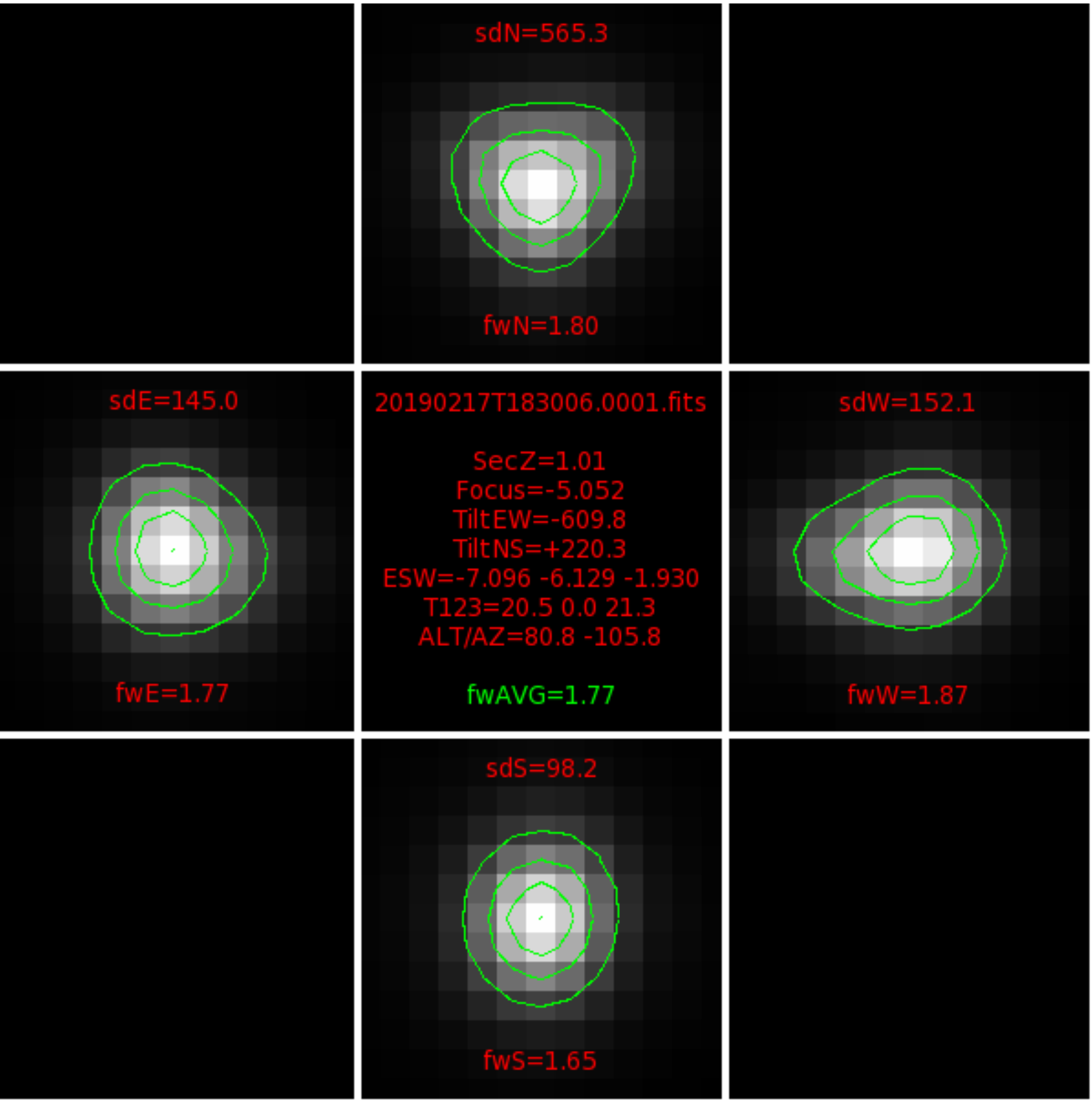
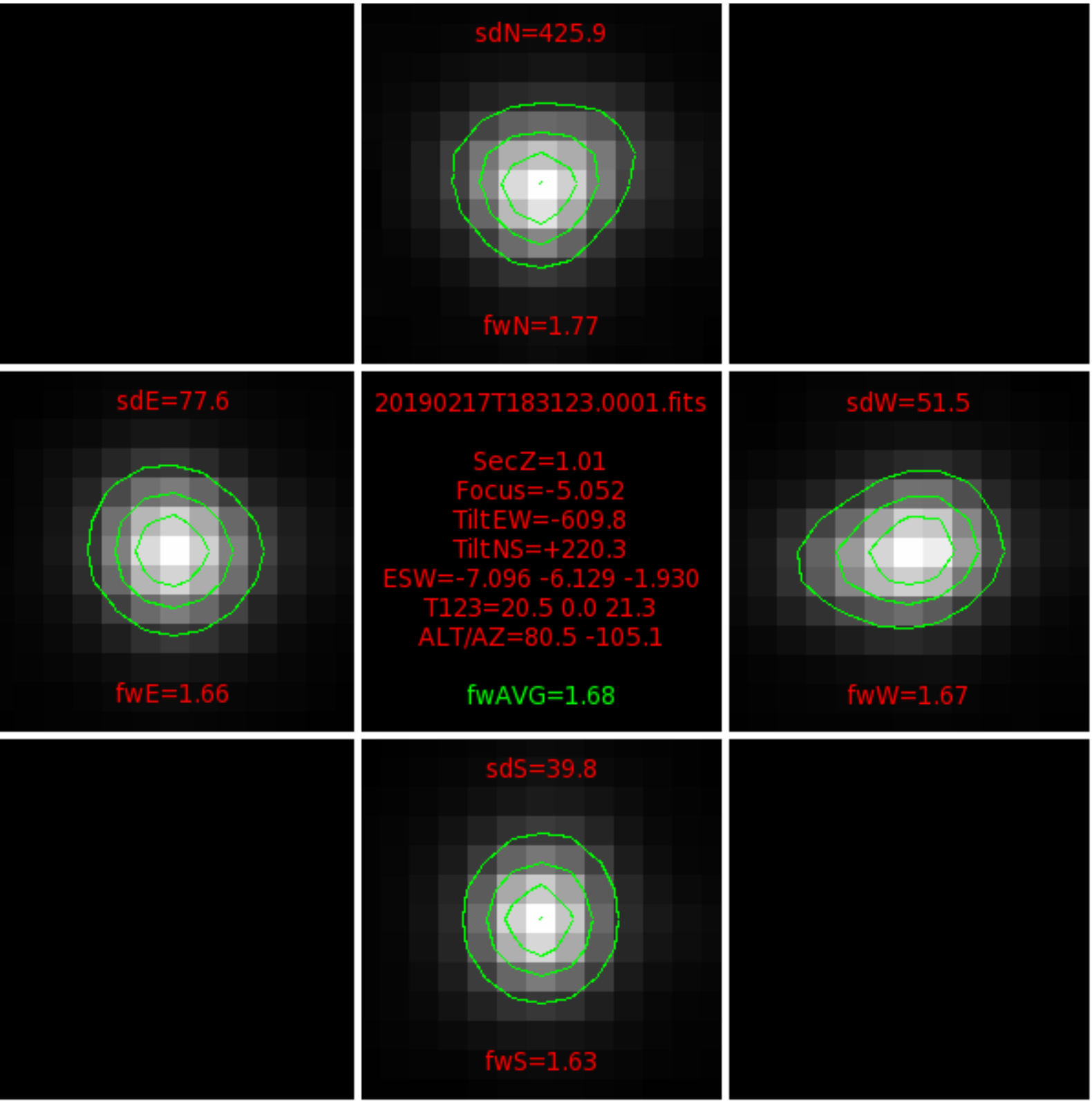
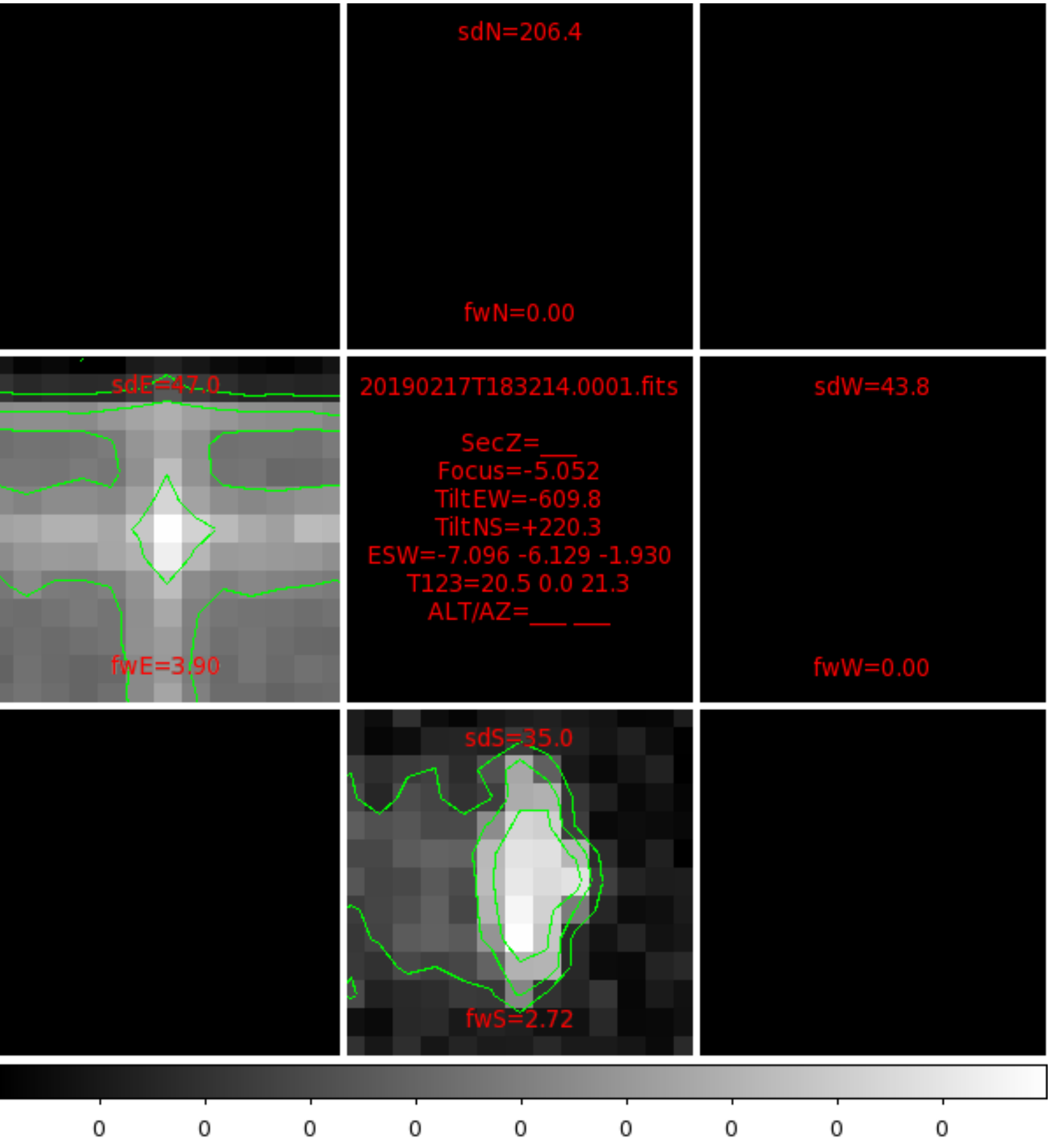
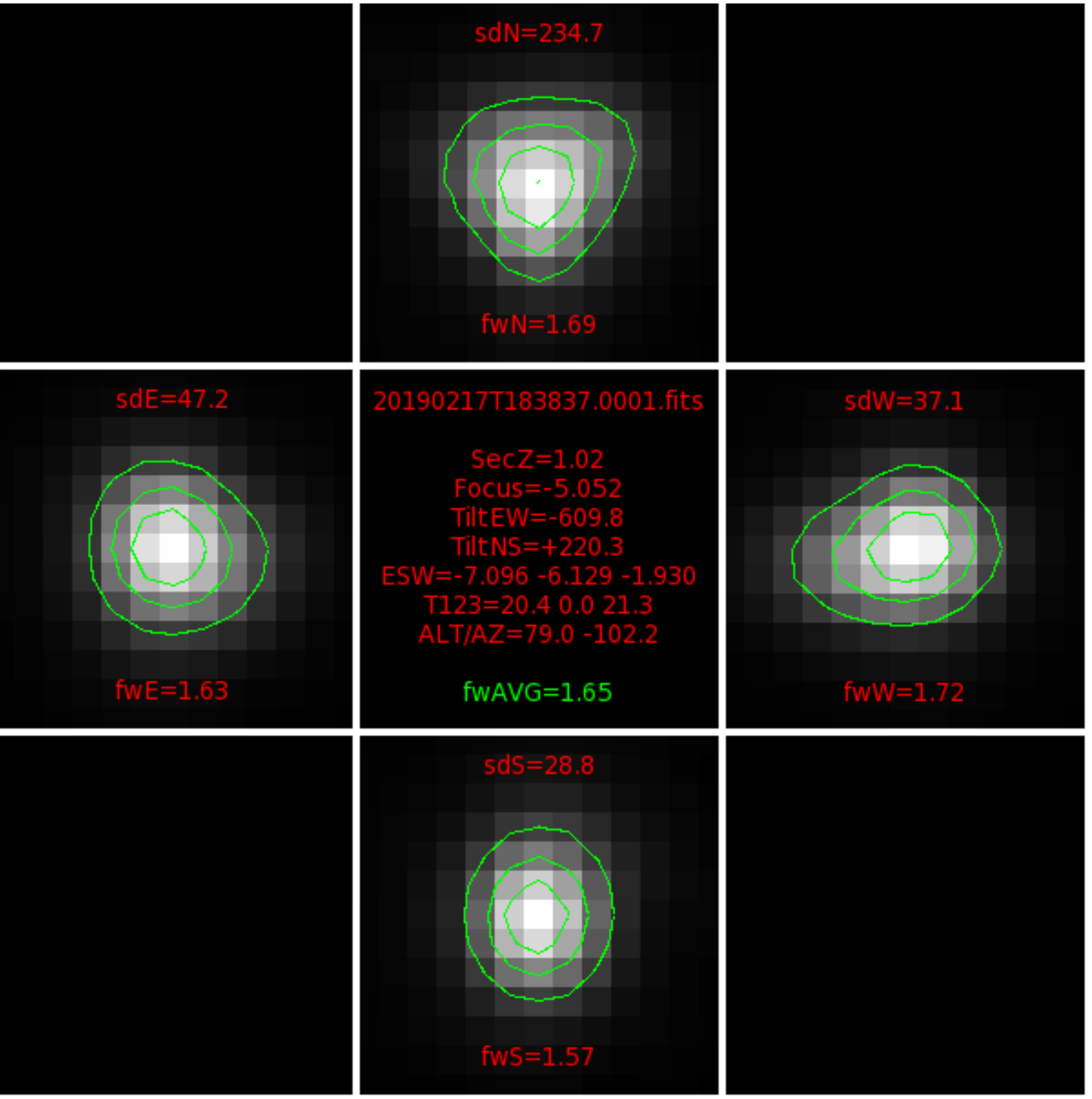

sdN=565.3
fwN=1.80
sdE=145.0
fwE=1.77
20190217T183006.0001.fits
SecZ=1.01
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.5 0.0 21.3
ALT/AZ=80.8 -105.8
fwAVG=1.77
sdW=152.1
fwW=1.87
sdS=98.2
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=425.9
fwN=1.77
sdE=77.6
fwE=1.66
20190217T183123.0001.fits
SecZ=1.01
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.5 0.0 21.3
ALT/AZ=80.5 -105.1
fwAVG=1.68
sdW=51.5
fwW=1.67
sdS=39.8
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=206.4
fwN=0.00
sdE=47.0
fwE=3.90
20190217T183214.0001.fits
SecZ=___
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.5 0.0 21.3
ALT/AZ=___ ___
sdW=43.8
fwW=0.00
sdS=35.0
fwS=2.72
0 0 0 0 0 0 0 0 0


sdN=234.7
fwN=1.69
sdE=47.2
fwE=1.63
20190217T183837.0001.fits
SecZ=1.02
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.4 0.0 21.3
ALT/AZ=79.0 -102.2
fwAVG=1.65
sdW=37.1
fwW=1.72
sdS=28.8
fwS=1.57
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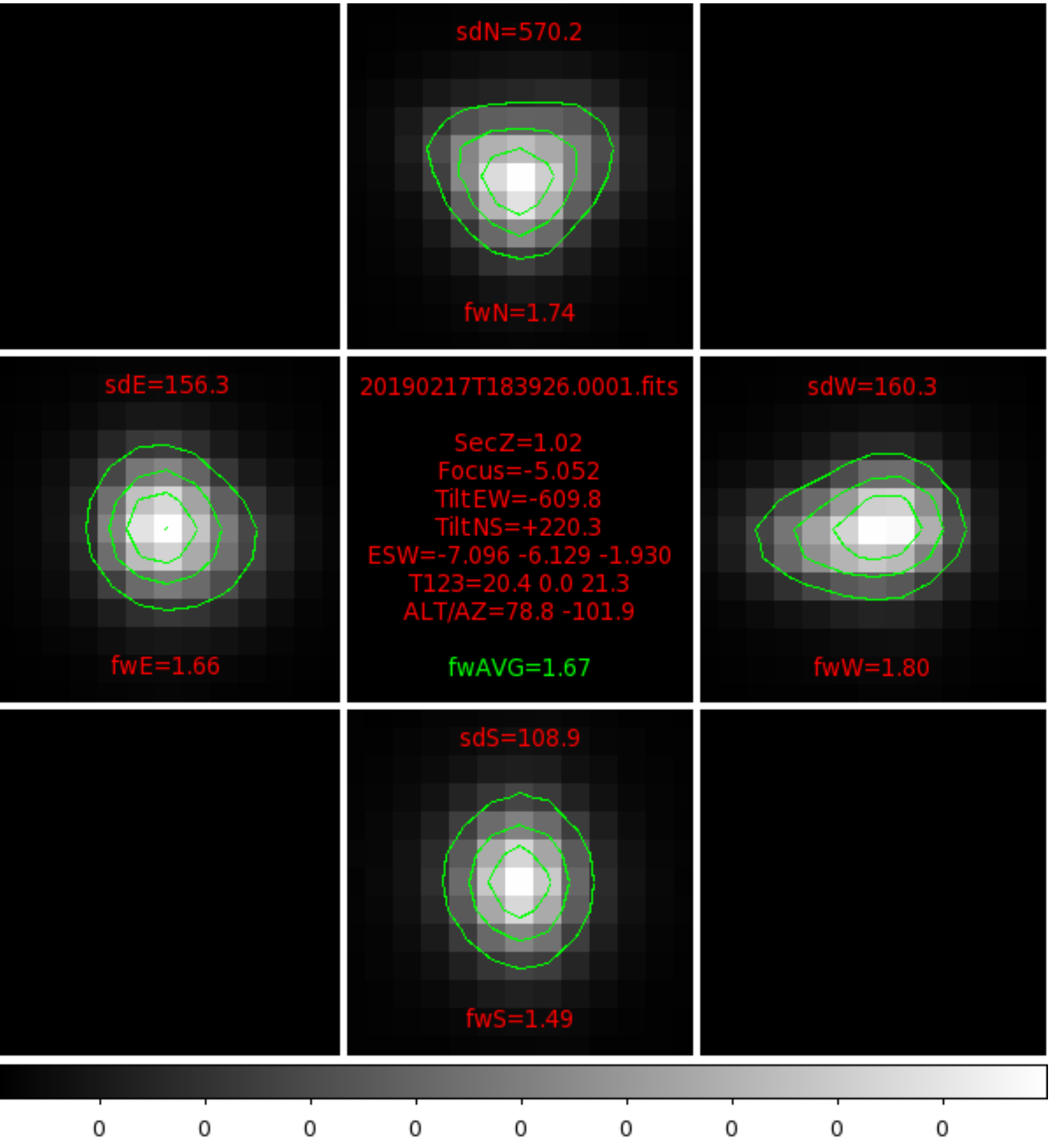
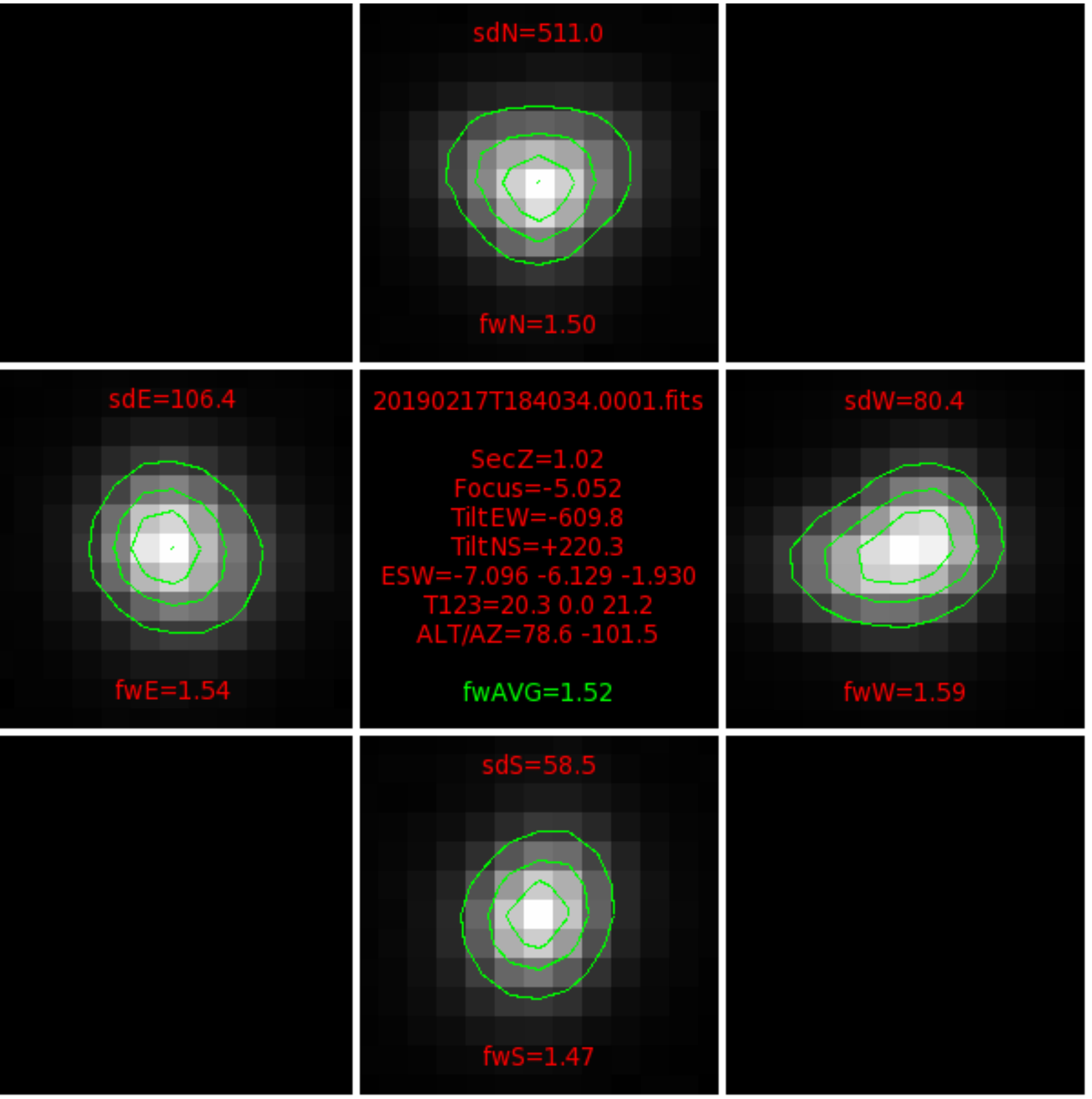

sdN=570.2
fwN=1.74
sdE=156.3
fwE=1.66
20190217T183926.0001.fits
SecZ=1.02
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.4 0.0 21.3
ALT/AZ=78.8 -101.9
fwAVG=1.67
sdW=160.3
fwW=1.80
sdS=108.9
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=511.0
fwN=1.50
sdE=106.4
fwE=1.54
20190217T184034.0001.fits
SecZ=1.02
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.3 0.0 21.2
ALT/AZ=78.6 -101.5
fwAVG=1.52
sdW=80.4
fwW=1.59
sdS=58.5
fwS=1.47
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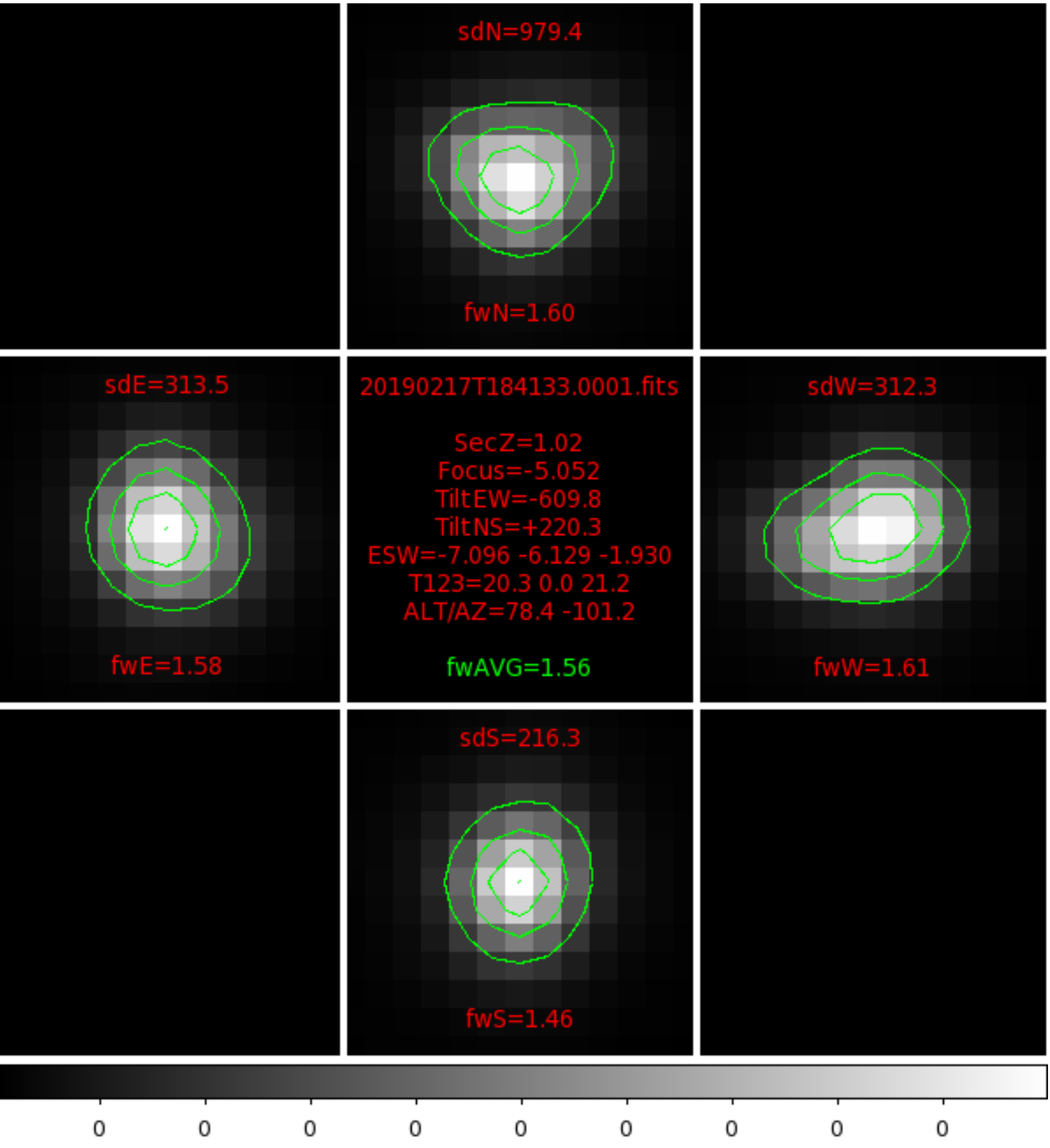
sdN=979.4
fwN=1.60
sdE=313.5
fwE=1.58
20190217T184133.0001.fits
SecZ=1.02
Focus=-5.052
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.096 -6.129 -1.930
T123=20.3 0.0 21.2
ALT/AZ=78.4 -101.2
fwAVG=1.56
sdW=312.3
fwW=1.61
sdS=216.3
fwS=1.46
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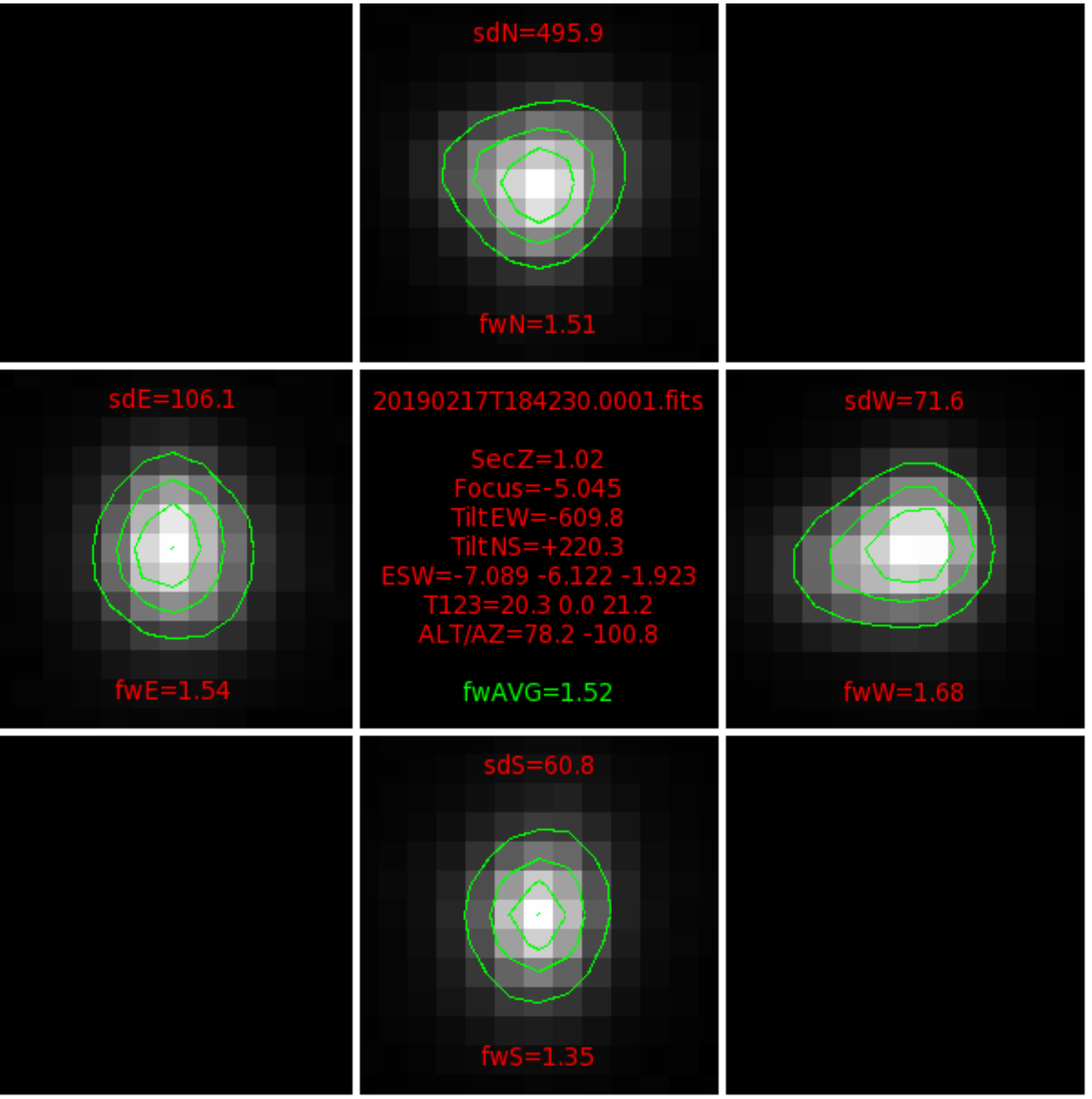
sdN=495.9
fwN=1.51
sdE=106.1
fwE=1.54
20190217T184230.0001.fits
SecZ=1.02
Focus=-5.045
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.089 -6.122 -1.923
T123=20.3 0.0 21.2
ALT/AZ=78.2 -100.8
fwAVG=1.52
sdW=71.6
fwW=1.68
sdS=60.8
fwS=1.35
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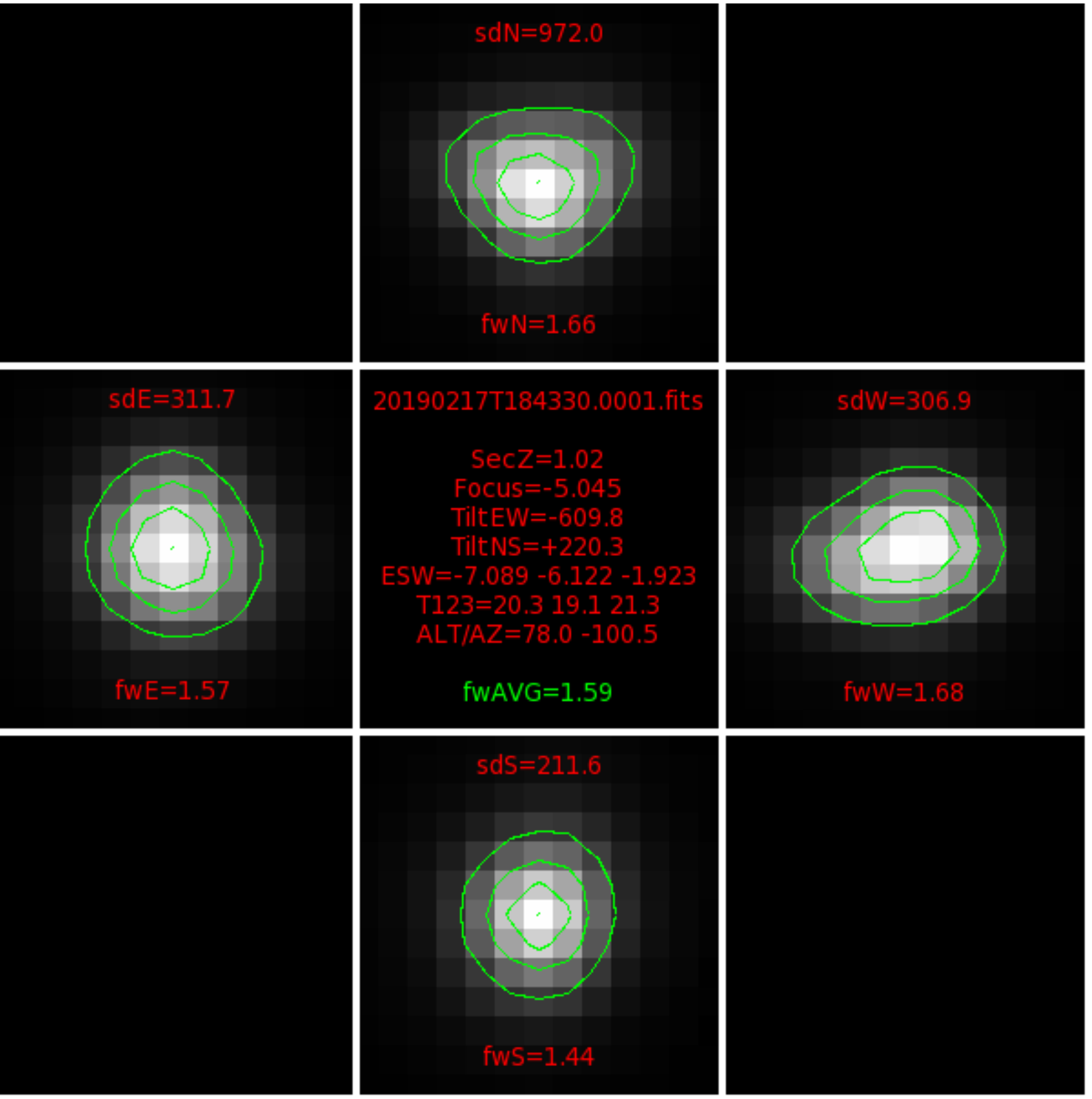
sdN=972.0
fwN=1.66
sdE=311.7
fwE=1.57
20190217T184330.0001.fits
SecZ=1.02
Focus=-5.045
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.089 -6.122 -1.923
T123=20.3 19.1 21.3
ALT/AZ=78.0 -100.5
fwAVG=1.59
sdW=306.9
fwW=1.68
sdS=211.6
fwS=1.44
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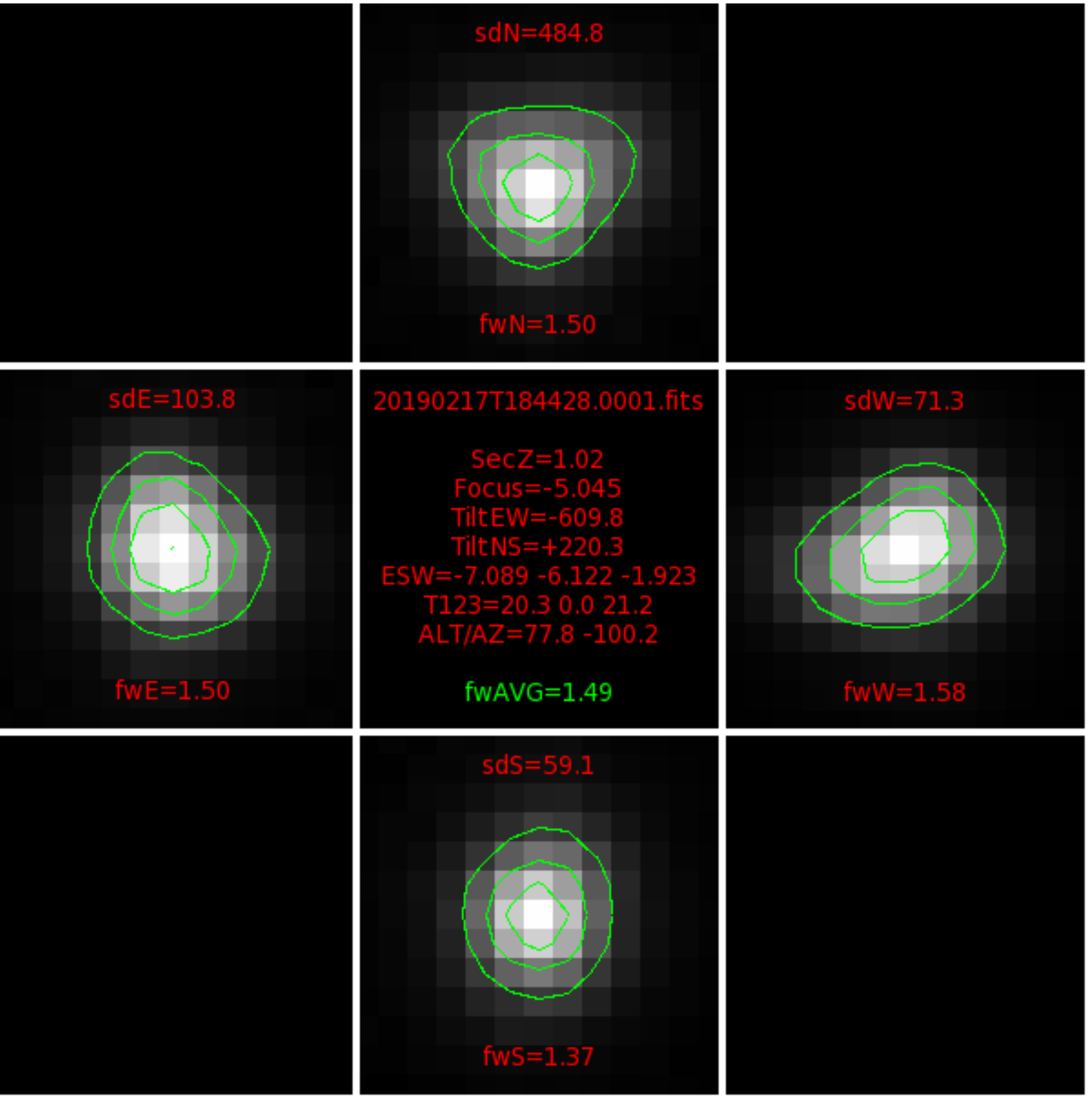
sdN=484.8
fwN=1.50
sdE=103.8
fwE=1.50
20190217T184428.0001.fits
SecZ=1.02
Focus=-5.045
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.089 -6.122 -1.923
T123=20.3 0.0 21.2
ALT/AZ=77.8 -100.2
fwAVG=1.49
sdW=71.3
fwW=1.58
sdS=59.1
fwS=1.37
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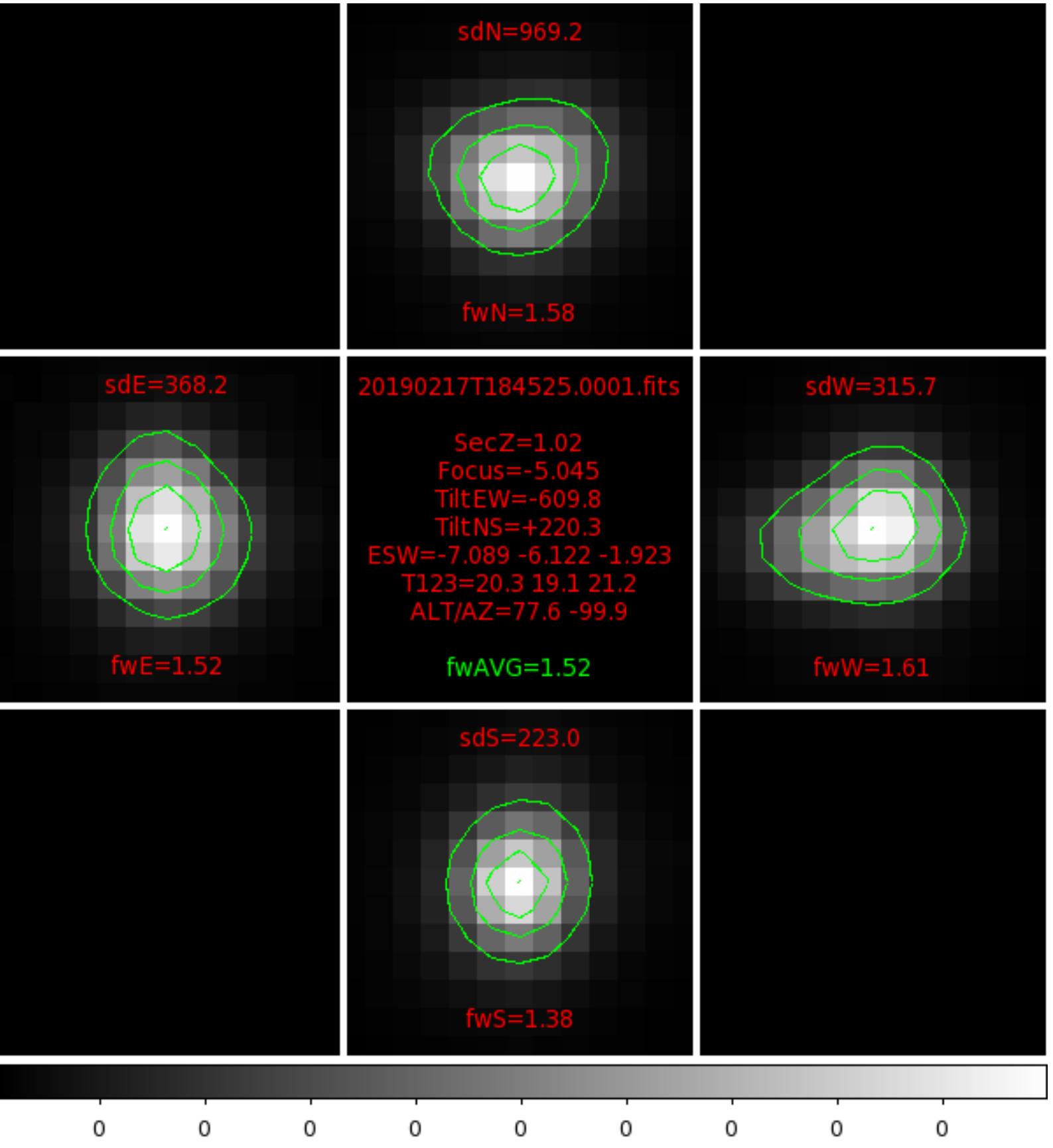
sdN=969.2
fwN=1.58
sdE=368.2
fwE=1.52
20190217T184525.0001.fits
SecZ=1.02
Focus=-5.045
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.089 -6.122 -1.923
T123=20.3 19.1 21.2
ALT/AZ=77.6 -99.9
fwAVG=1.52
sdW=315.7
fwW=1.61
sdS=223.0
fwS=1.38
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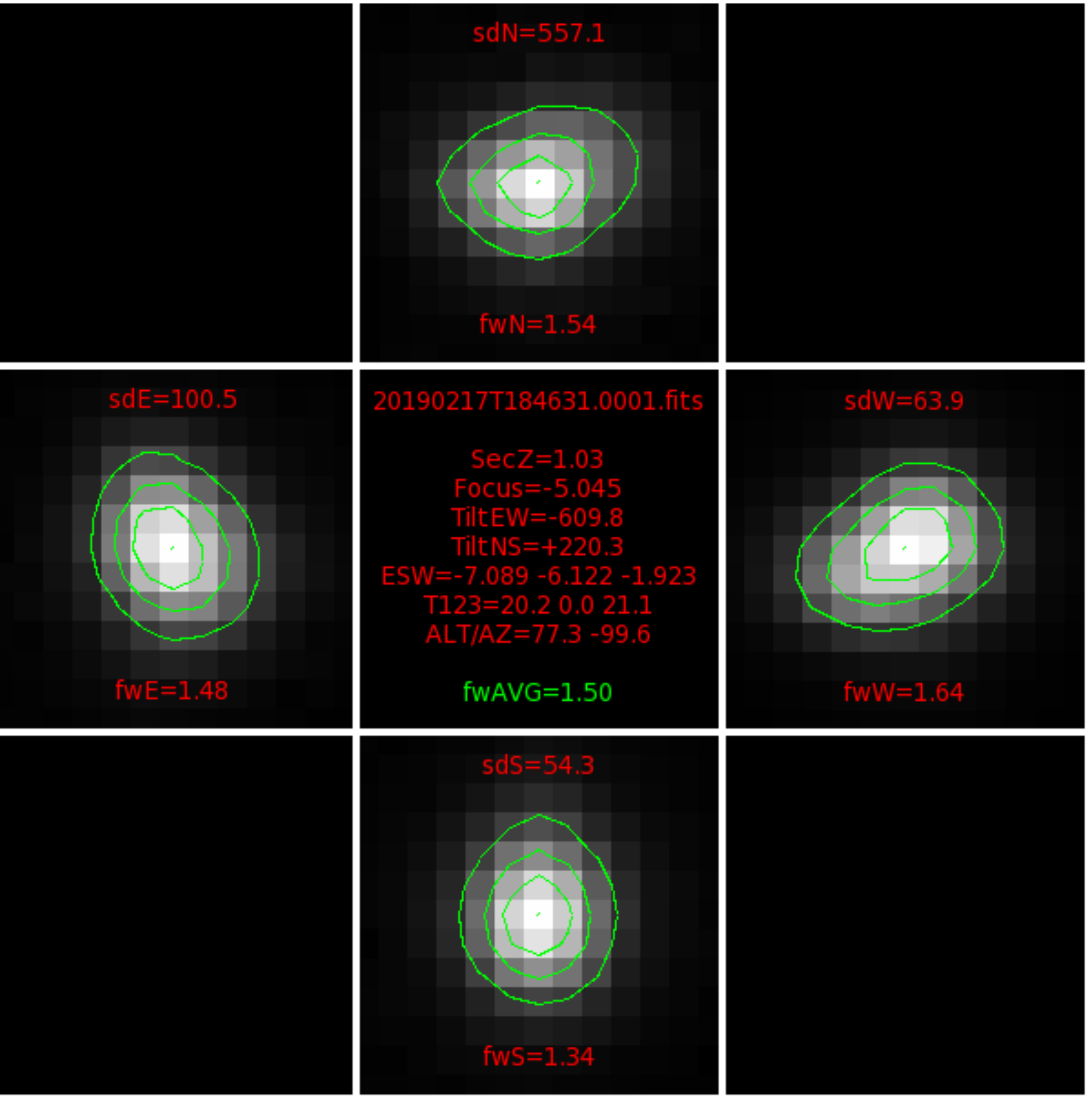
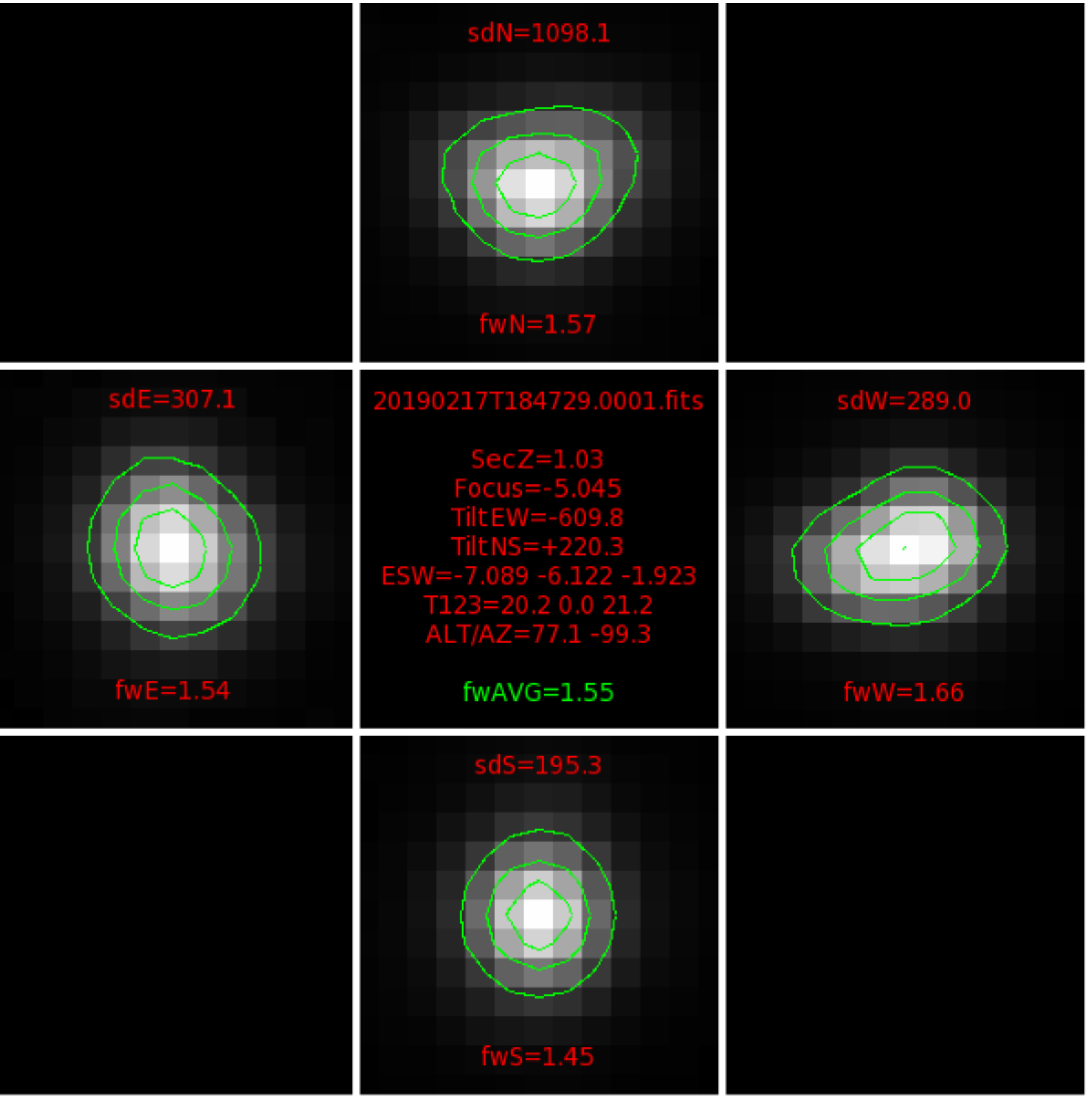

sdN=557.1
fwN=1.54
sdE=100.5
fwE=1.48
20190217T184631.0001.fits
SecZ=1.03
Focus=-5.045
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.089 -6.122 -1.923
T123=20.2 0.0 21.1
ALT/AZ=77.3 -99.6
fwAVG=1.50
sdW=63.9
fwW=1.64
sdS=54.3
fwS=1.34
0 0 0 0 0 0 0 0 0


sdN=1098.1
fwN=1.57
sdE=307.1
fwE=1.54
20190217T184729.0001.fits
SecZ=1.03
Focus=-5.045
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.089 -6.122 -1.923
T123=20.2 0.0 21.2
ALT/AZ=77.1 -99.3
fwAVG=1.55
sdW=289.0
fwW=1.66
sdS=195.3
fwS=1.45
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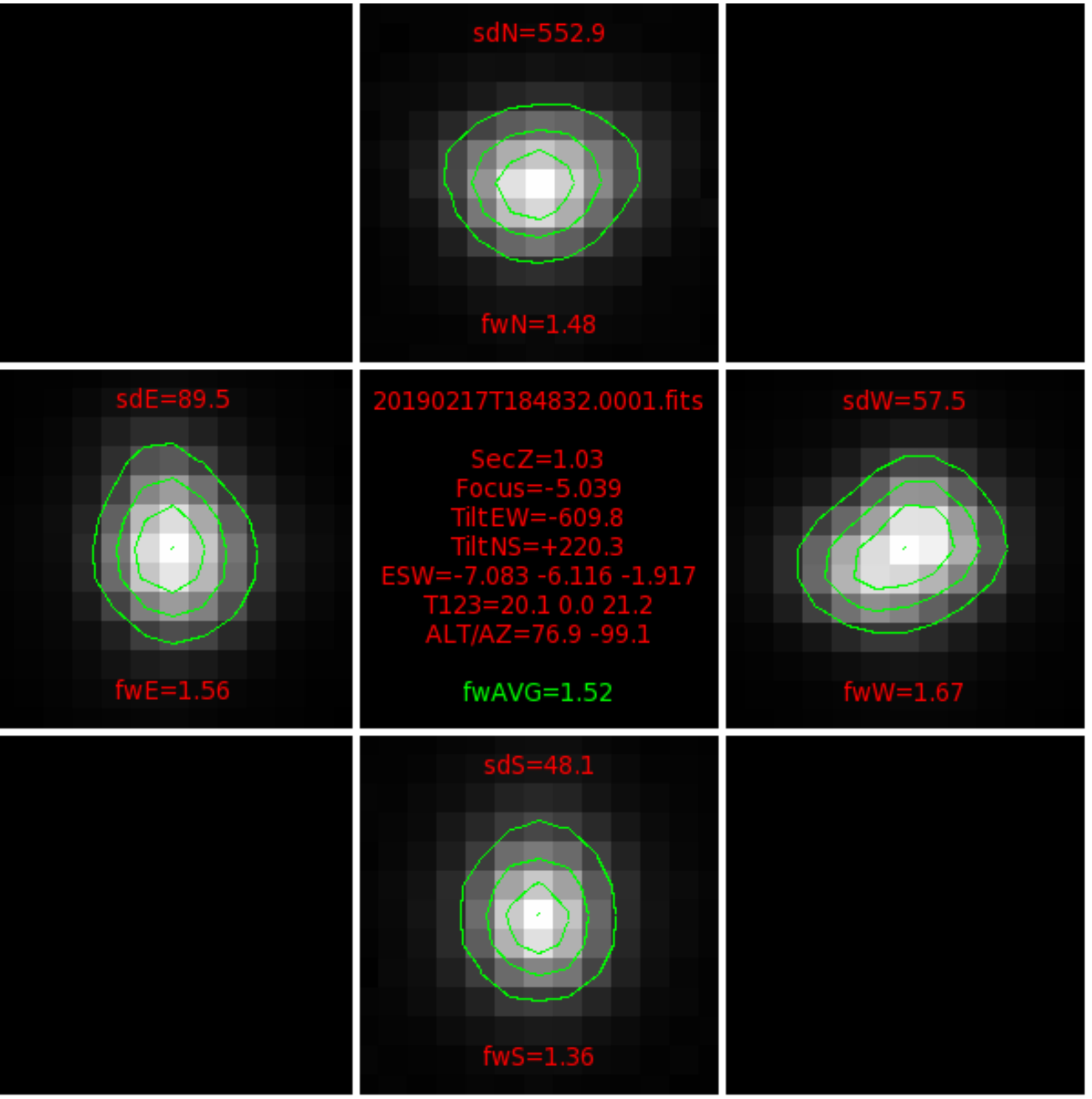
sdN=552.9
fwN=1.48
sdE=89.5
fwE=1.56
20190217T184832.0001.fits
SecZ=1.03
Focus=-5.039
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.083 -6.116 -1.917
T123=20.1 0.0 21.2
ALT/AZ=76.9 -99.1
fwAVG=1.52
sdW=57.5
fwW=1.67
sdS=48.1
fwS=1.36
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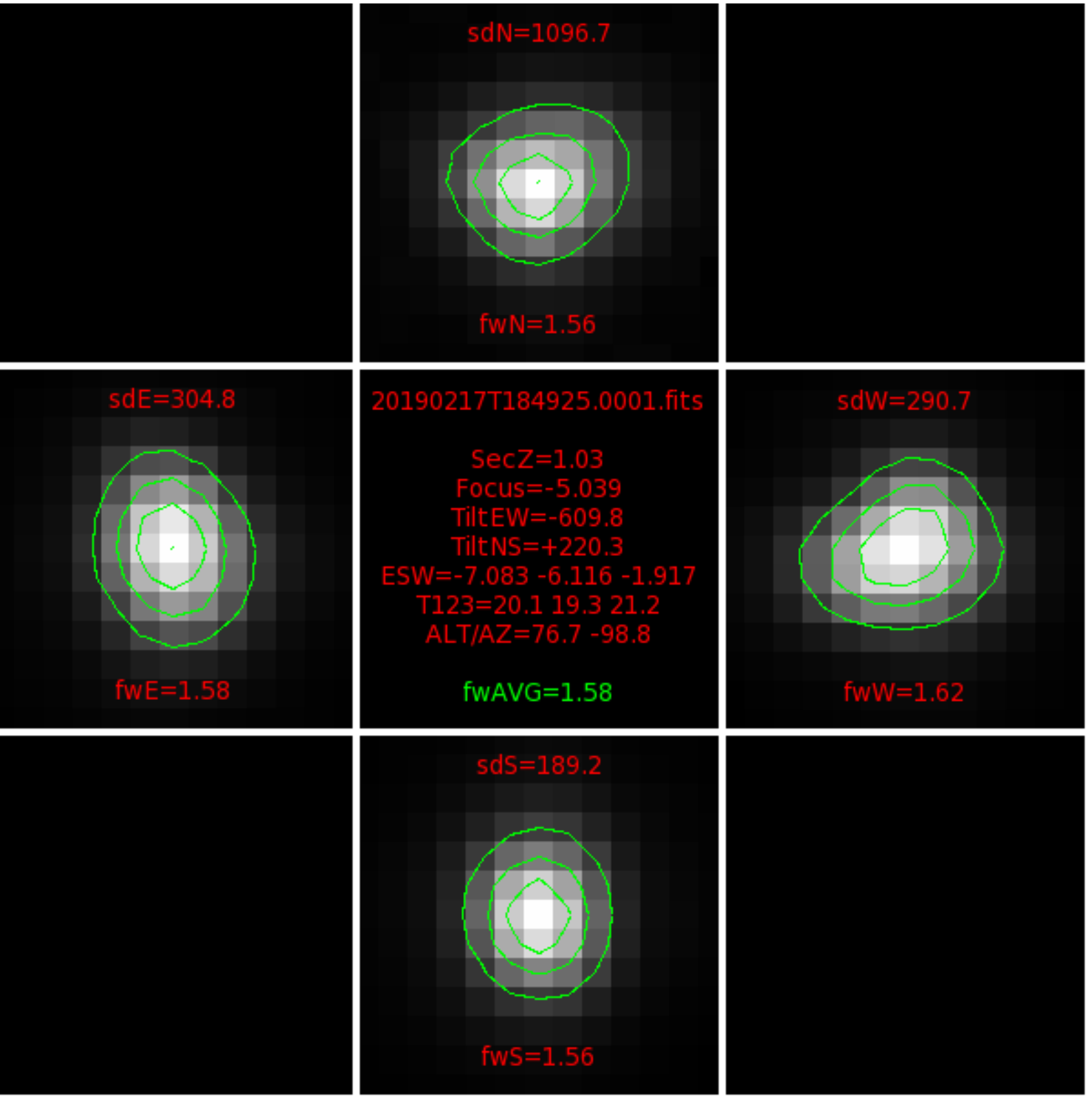
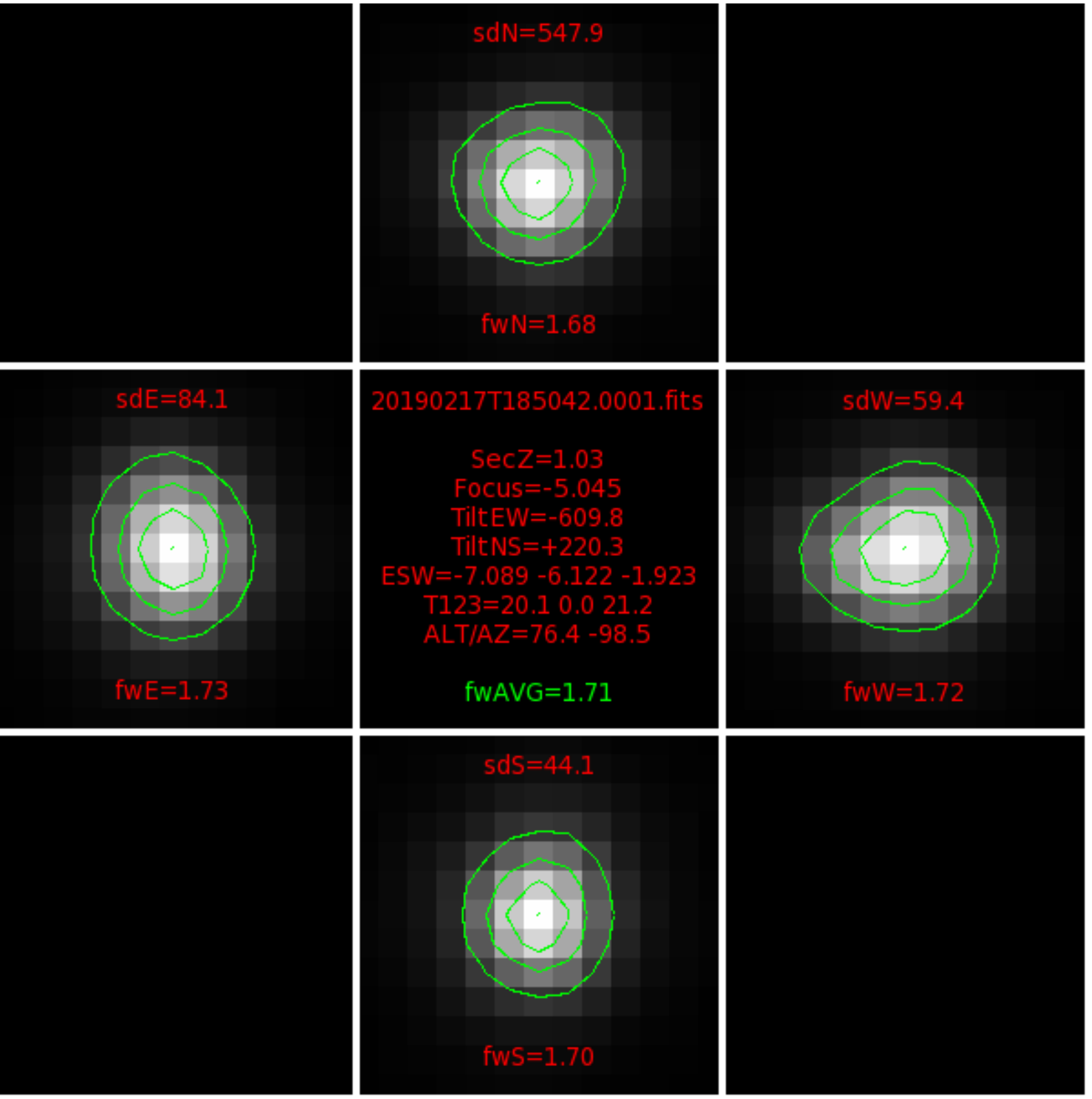
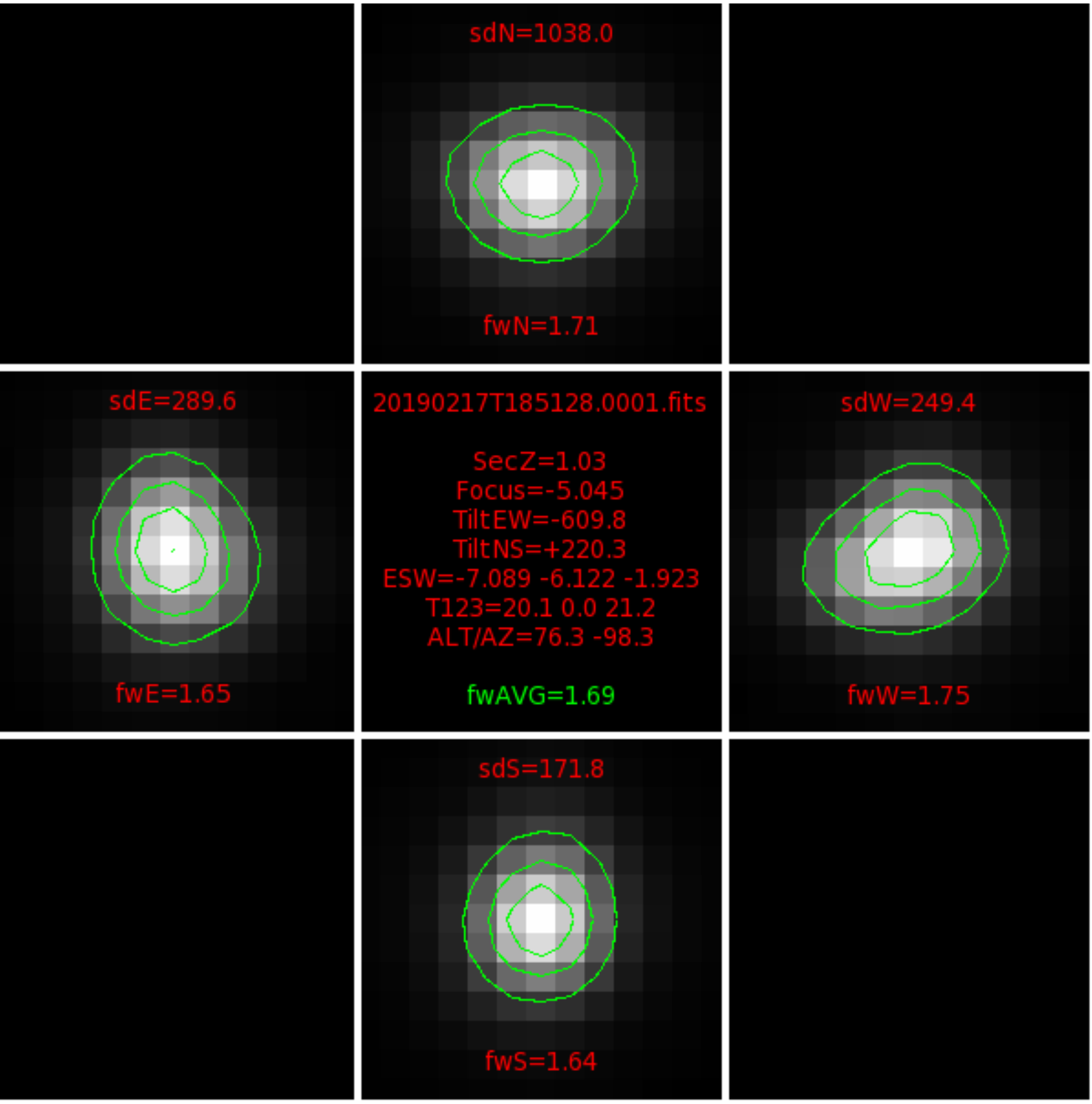

sdN=1096.7
fwN=1.56
sdE=304.8
fwE=1.58
20190217T184925.0001.fits
SecZ=1.03
Focus=-5.039
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.083 -6.116 -1.917
T123=20.1 19.3 21.2
ALT/AZ=76.7 -98.8
fwAVG=1.58
sdW=290.7
fwW=1.62
sdS=189.2
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=547.9
fwN=1.68
sdE=84.1
fwE=1.73
20190217T185042.0001.fits
SecZ=1.03
Focus=-5.045
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.089 -6.122 -1.923
T123=20.1 0.0 21.2
ALT/AZ=76.4 -98.5
fwAVG=1.71
sdW=59.4
fwW=1.72
sdS=44.1
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=1038.0
fwN=1.71
sdE=289.6
fwE=1.65
20190217T185128.0001.fits
SecZ=1.03
Focus=-5.045
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.089 -6.122 -1.923
T123=20.1 0.0 21.2
ALT/AZ=76.3 -98.3
fwAVG=1.69
sdW=249.4
fwW=1.75
sdS=171.8
fwS=1.64
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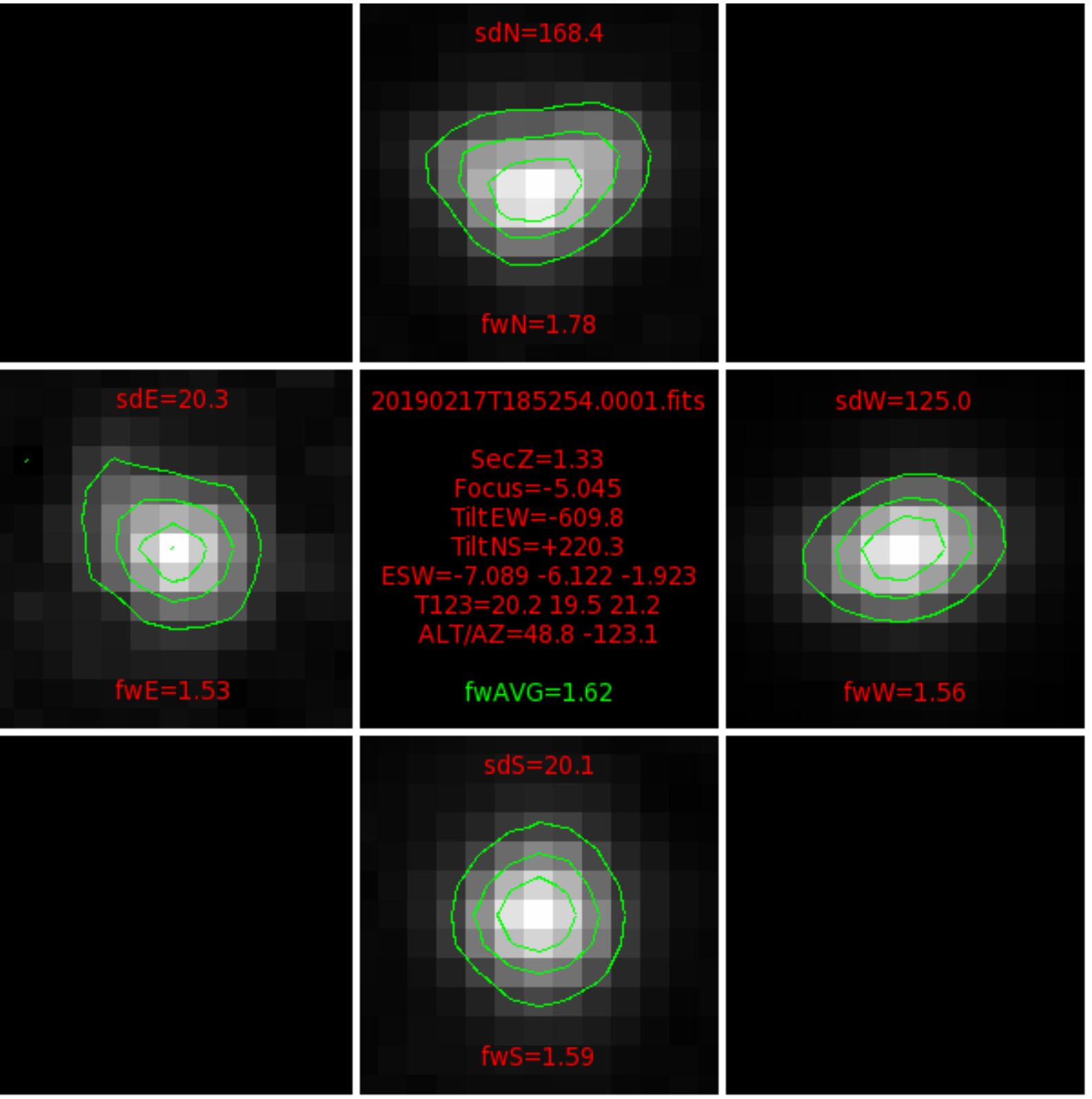
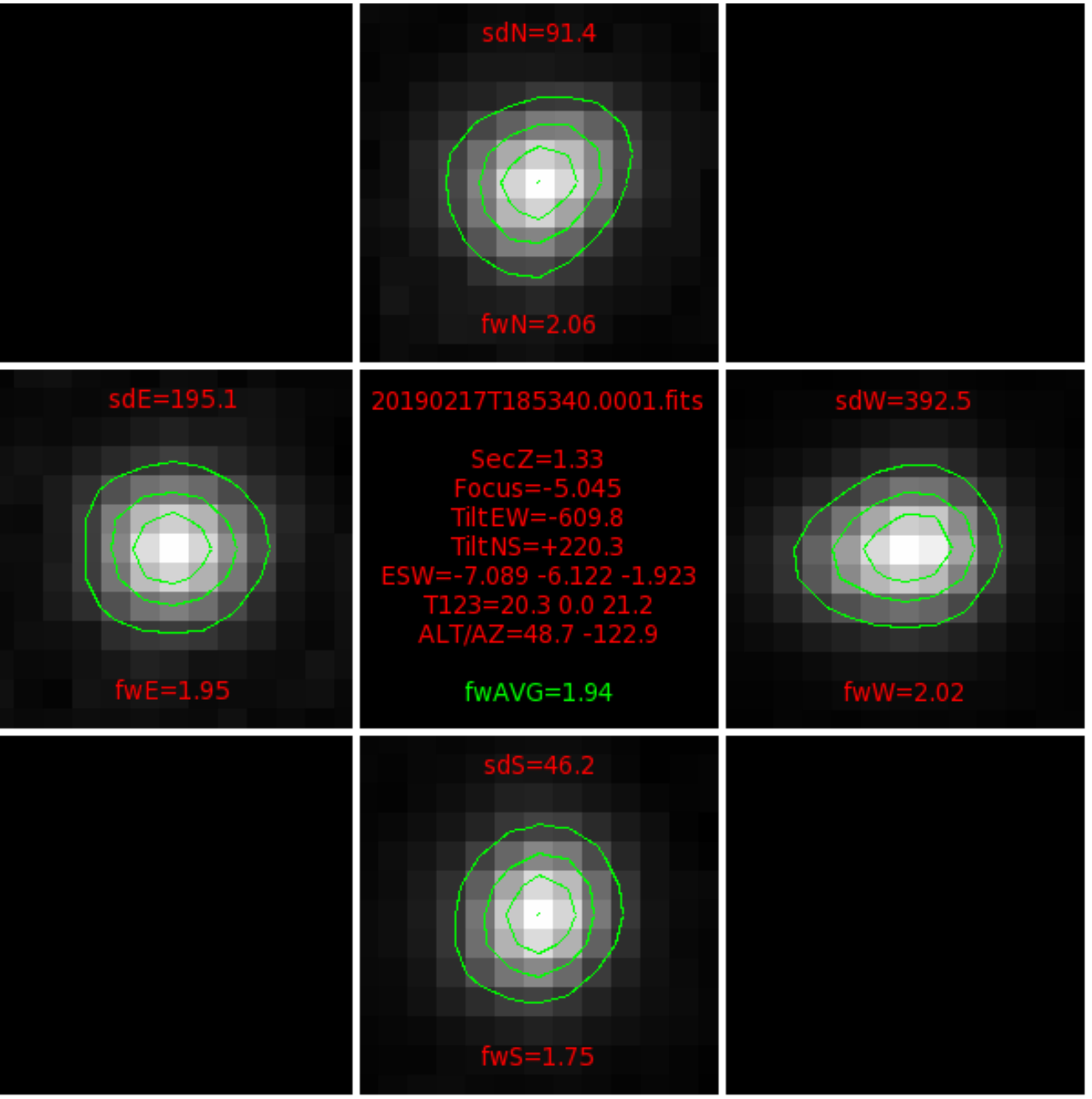
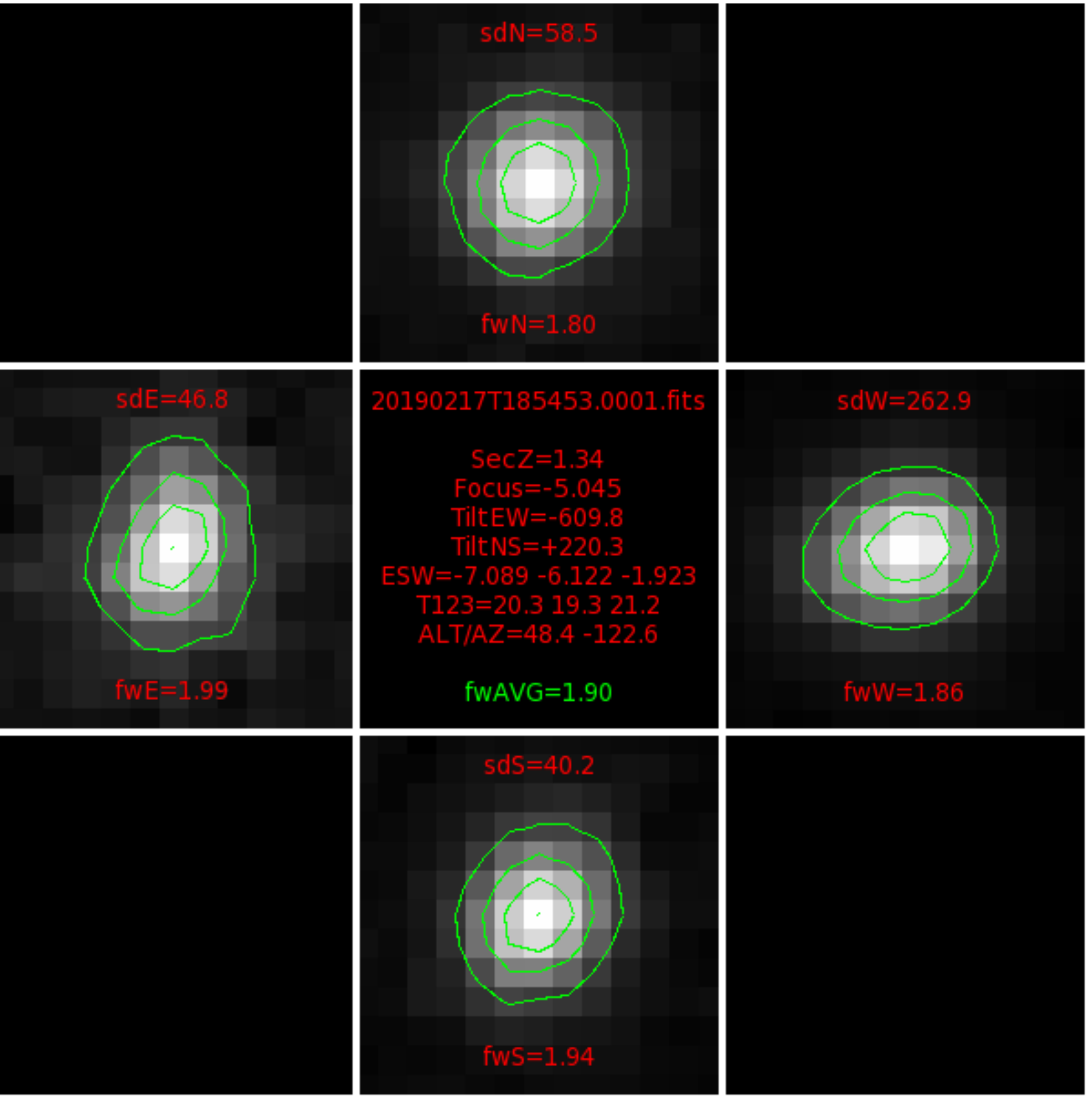

sdN=168.4
fwN=1.78
sdE=20.3
fwE=1.53
20190217T185254.0001.fits
SecZ=1.33
Focus=-5.045
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.089 -6.122 -1.923
T123=20.2 19.5 21.2
ALT/AZ=48.8 -123.1
fwAVG=1.62
sdW=125.0
fwW=1.56
sdS=20.1
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=91.4
fwN=2.06
sdE=195.1
fwE=1.95
20190217T185340.0001.fits
SecZ=1.33
Focus=-5.045
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.089 -6.122 -1.923
T123=20.3 0.0 21.2
ALT/AZ=48.7 -122.9
fwAVG=1.94
sdW=392.5
fwW=2.02
sdS=46.2
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=58.5
fwN=1.80
sdE=46.8
fwE=1.99
20190217T185453.0001.fits
SecZ=1.34
Focus=-5.045
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.089 -6.122 -1.923
T123=20.3 19.3 21.2
ALT/AZ=48.4 -122.6
fwAVG=1.90
sdW=262.9
fwW=1.86
sdS=40.2
fwS=1.94
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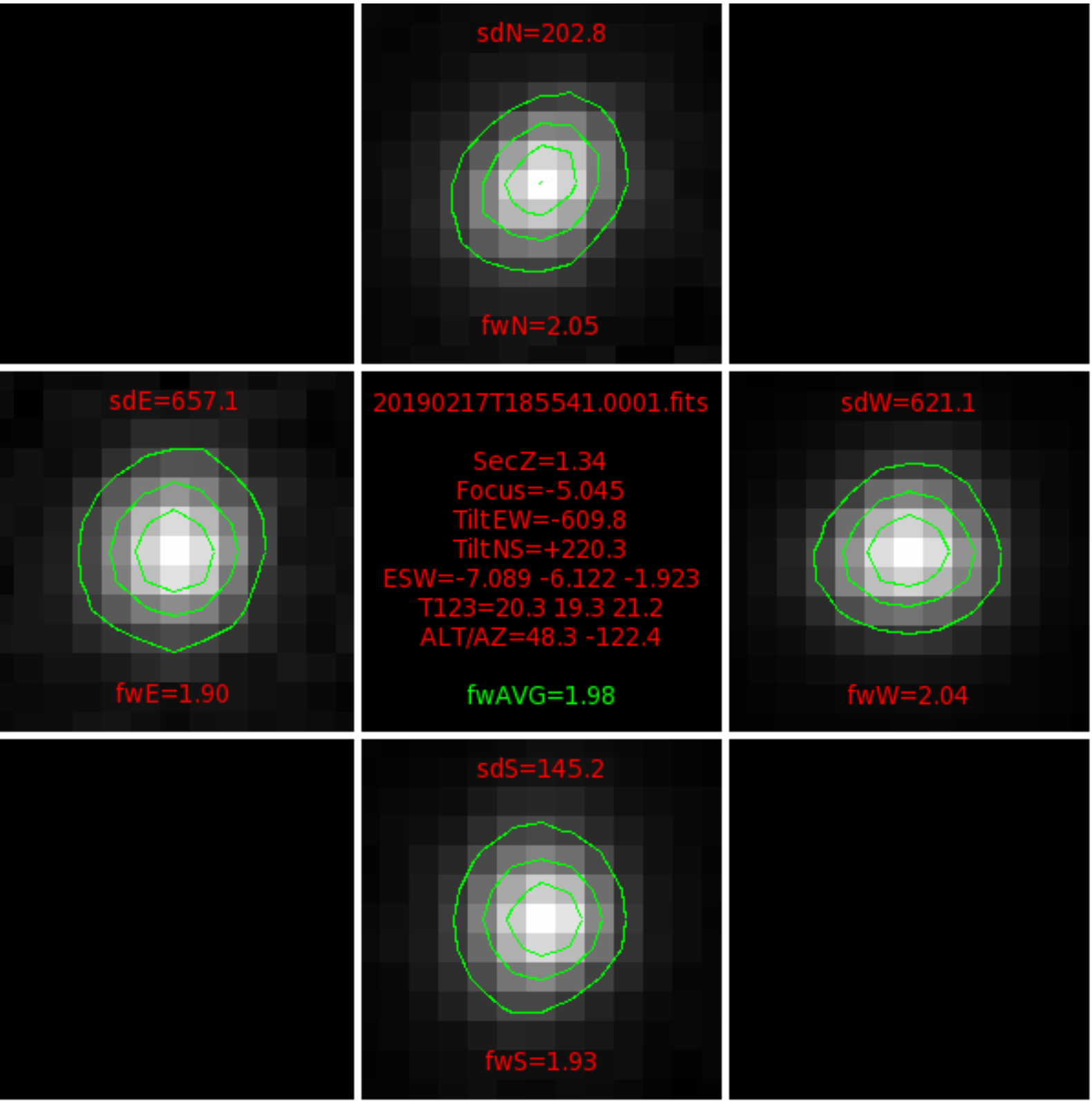
sdN=202.8
fwN=2.05
sdE=657.1
fwE=1.90
20190217T185541.0001.fits
SecZ=1.34
Focus=-5.045
TiltEW=-609.8
TiltNS=+220.3
ESW=-7.089 -6.122 -1.923
T123=20.3 19.3 21.2
ALT/AZ=48.3 -122.4
fwAVG=1.98
sdW=621.1
fwW=2.04
sdS=145.2
fwS=1.93
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