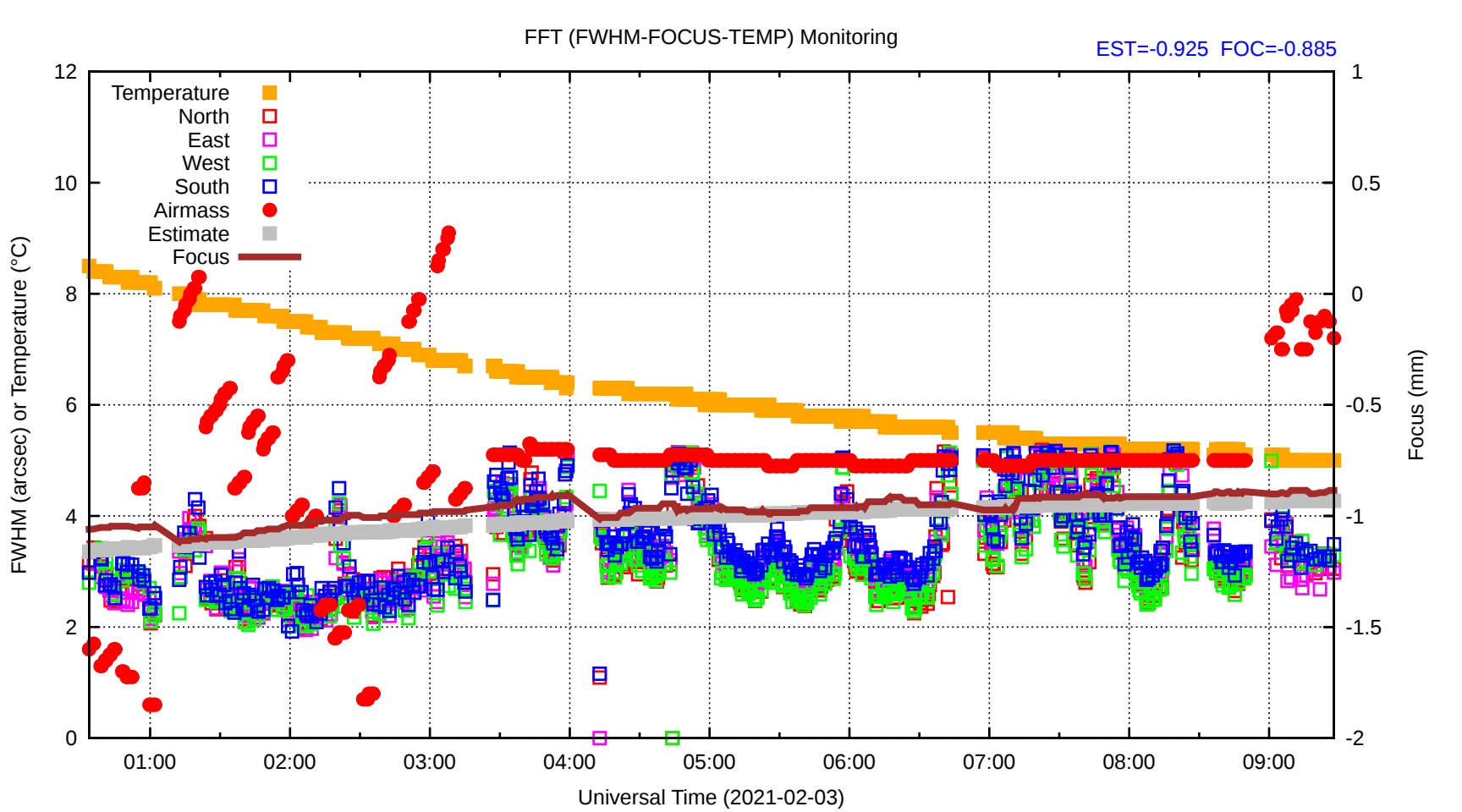
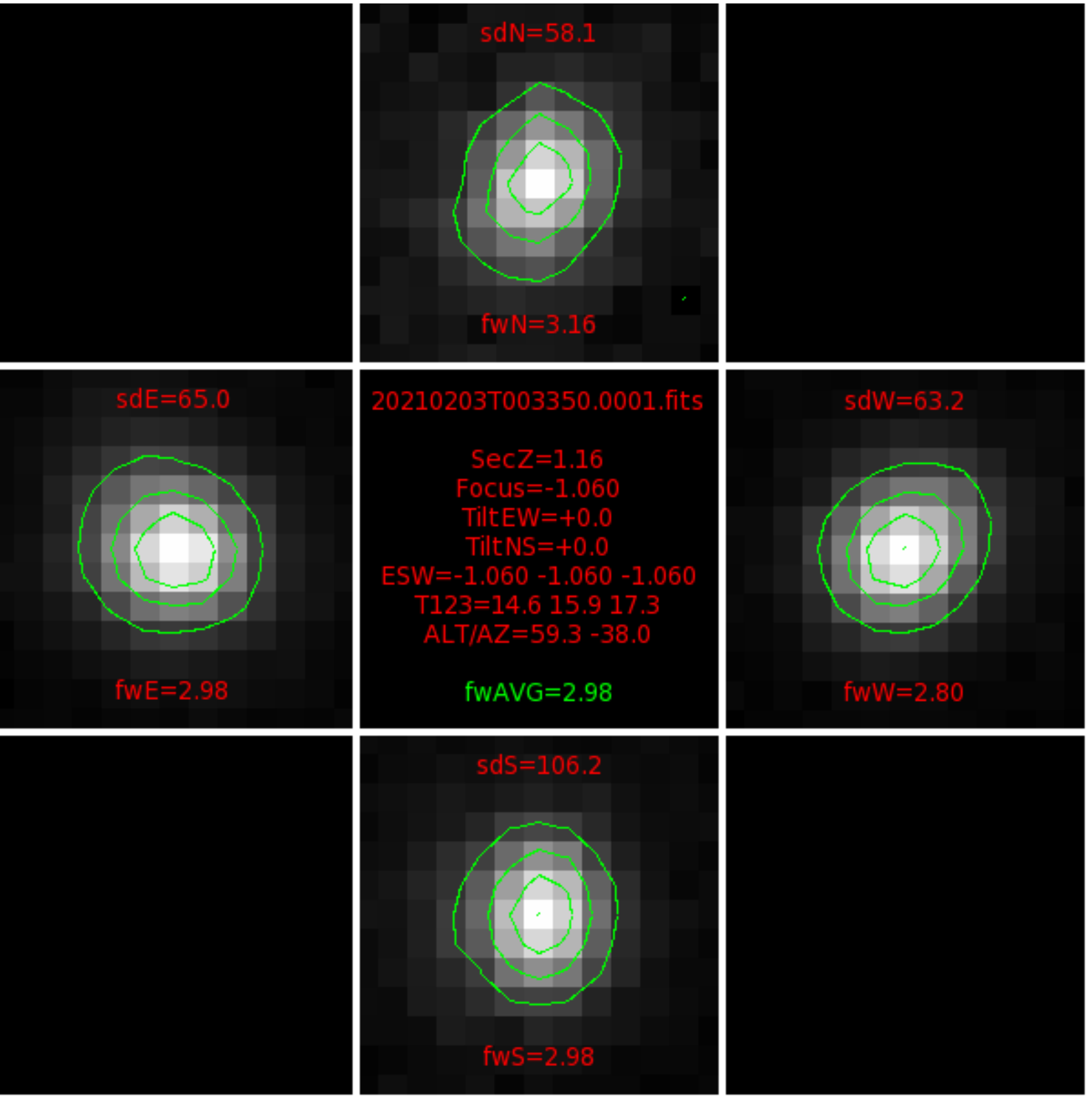
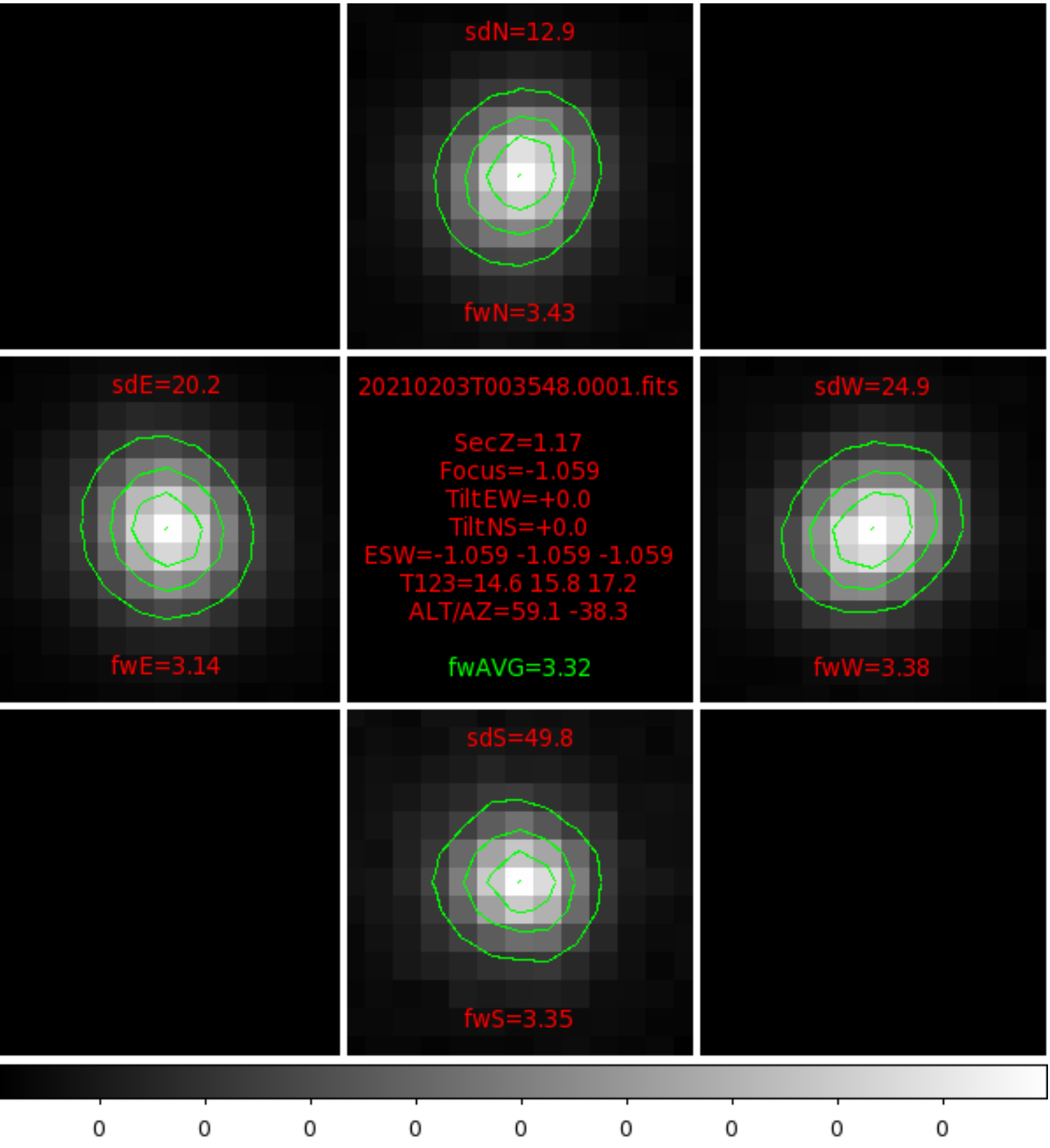

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-0.925 FOC=-0.885
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2021-02-03)
0
2
4
6
8
10
12
-2
-1.5
-1
-0.5
0
0.5
1
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00


sdN=58.1
fwN=3.16
sdE=65.0
fwE=2.98
20210203T003350.0001.fits
SecZ=1.16
Focus=-1.060
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.060 -1.060 -1.060
T123=14.6 15.9 17.3
ALT/AZ=59.3 -38.0
fwAVG=2.98
sdW=63.2
fwW=2.80
sdS=106.2
fwS=2.98
0 0 0 0 0 0 0 0 0


sdN=12.9
fwN=3.43
sdE=20.2
fwE=3.14
20210203T003548.0001.fits
SecZ=1.17
Focus=-1.059
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.059 -1.059 -1.059
T123=14.6 15.8 17.2
ALT/AZ=59.1 -38.3
fwAVG=3.32
sdW=24.9
fwW=3.38
sdS=49.8
fwS=3.35
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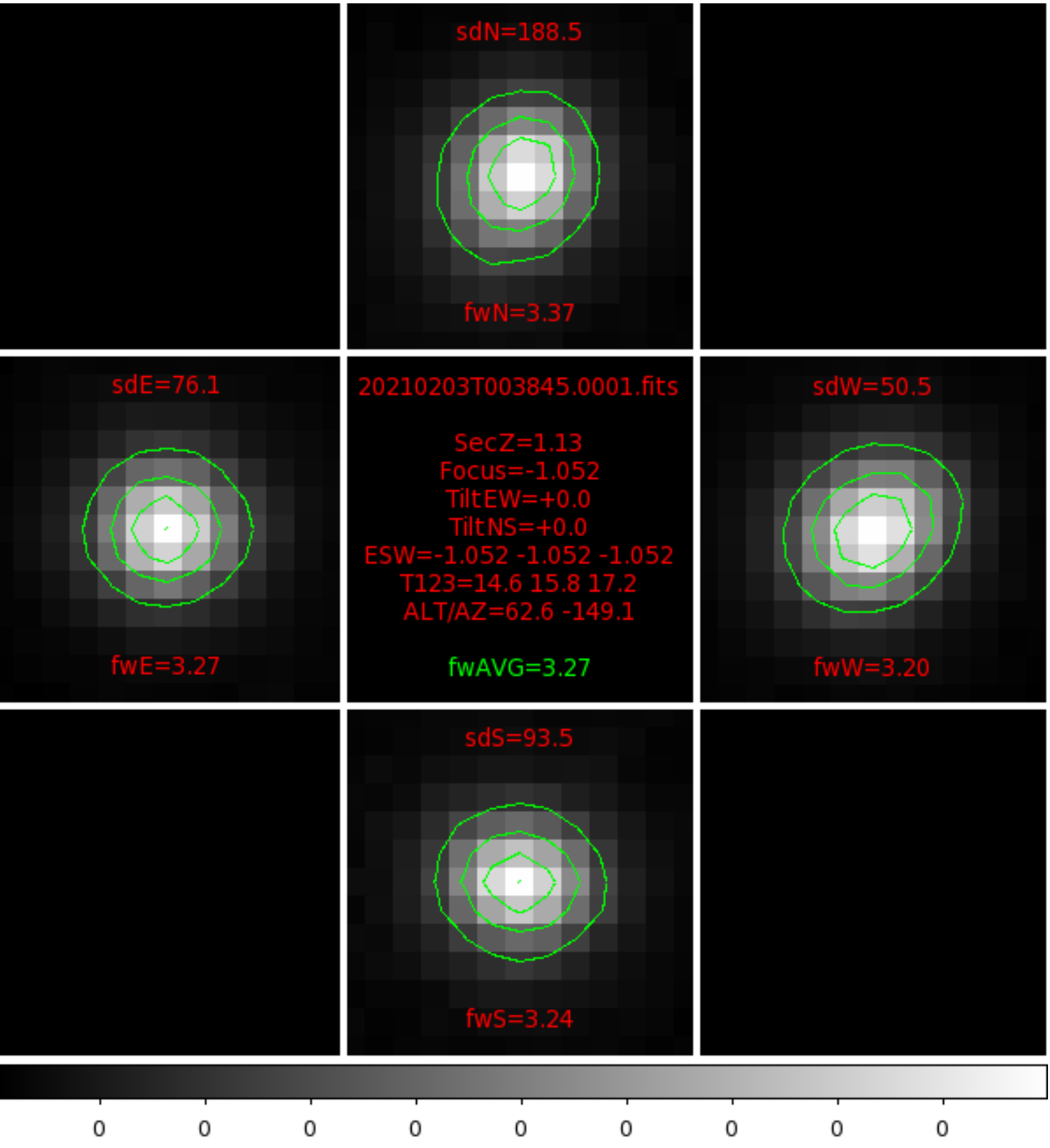
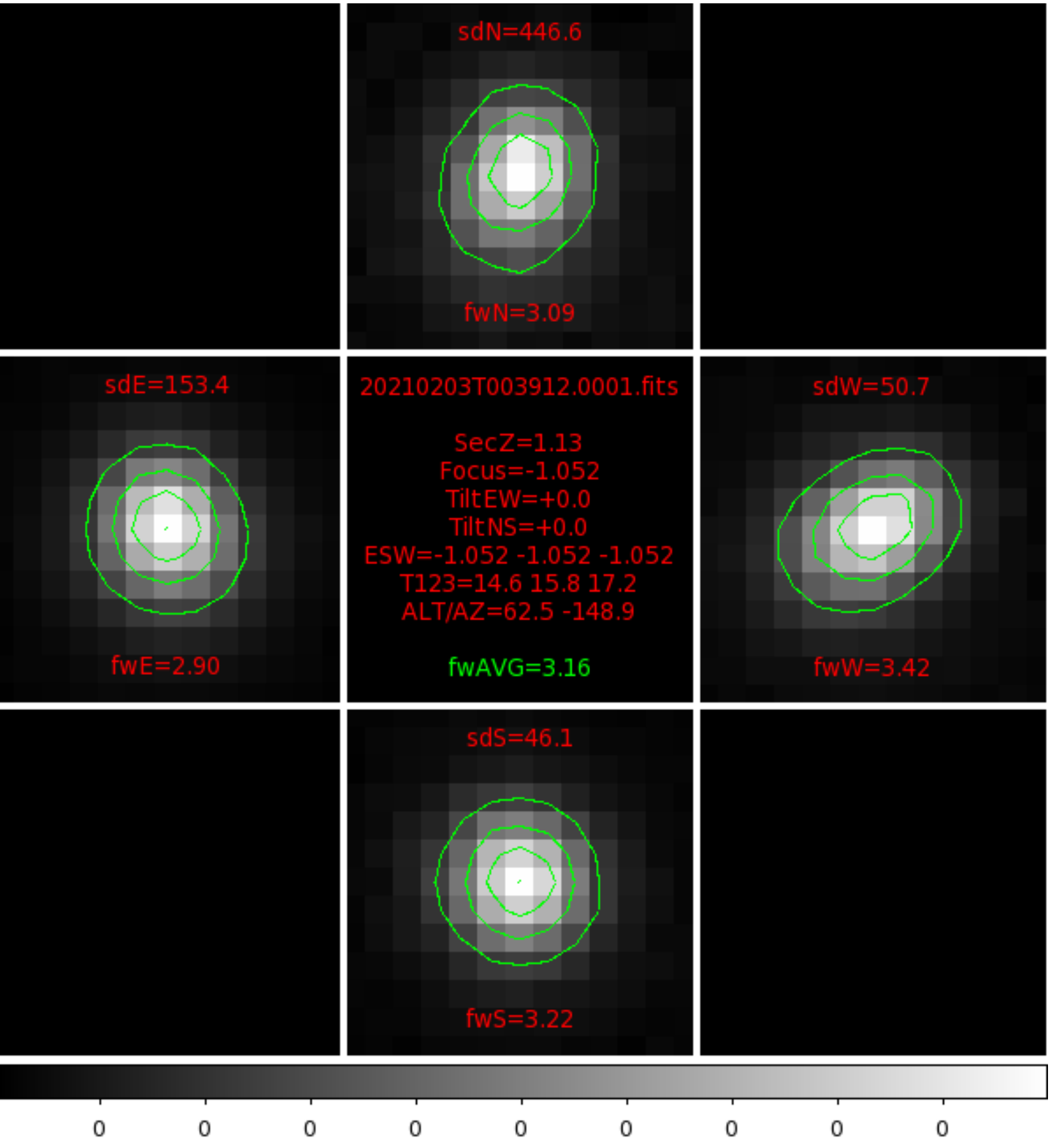

sdN=188.5
fwN=3.37
sdE=76.1
fwE=3.27
20210203T003845.0001.fits
SecZ=1.13
Focus=-1.052
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.052 -1.052 -1.052
T123=14.6 15.8 17.2
ALT/AZ=62.6 -149.1
fwAVG=3.27
sdW=50.5
fwW=3.20
sdS=93.5
fwS=3.24
0 0 0 0 0 0 0 0 0


sdN=446.6
fwN=3.09
sdE=153.4
fwE=2.90
20210203T003912.0001.fits
SecZ=1.13
Focus=-1.052
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.052 -1.052 -1.052
T123=14.6 15.8 17.2
ALT/AZ=62.5 -148.9
fwAVG=3.16
sdW=50.7
fwW=3.42
sdS=46.1
fwS=3.22
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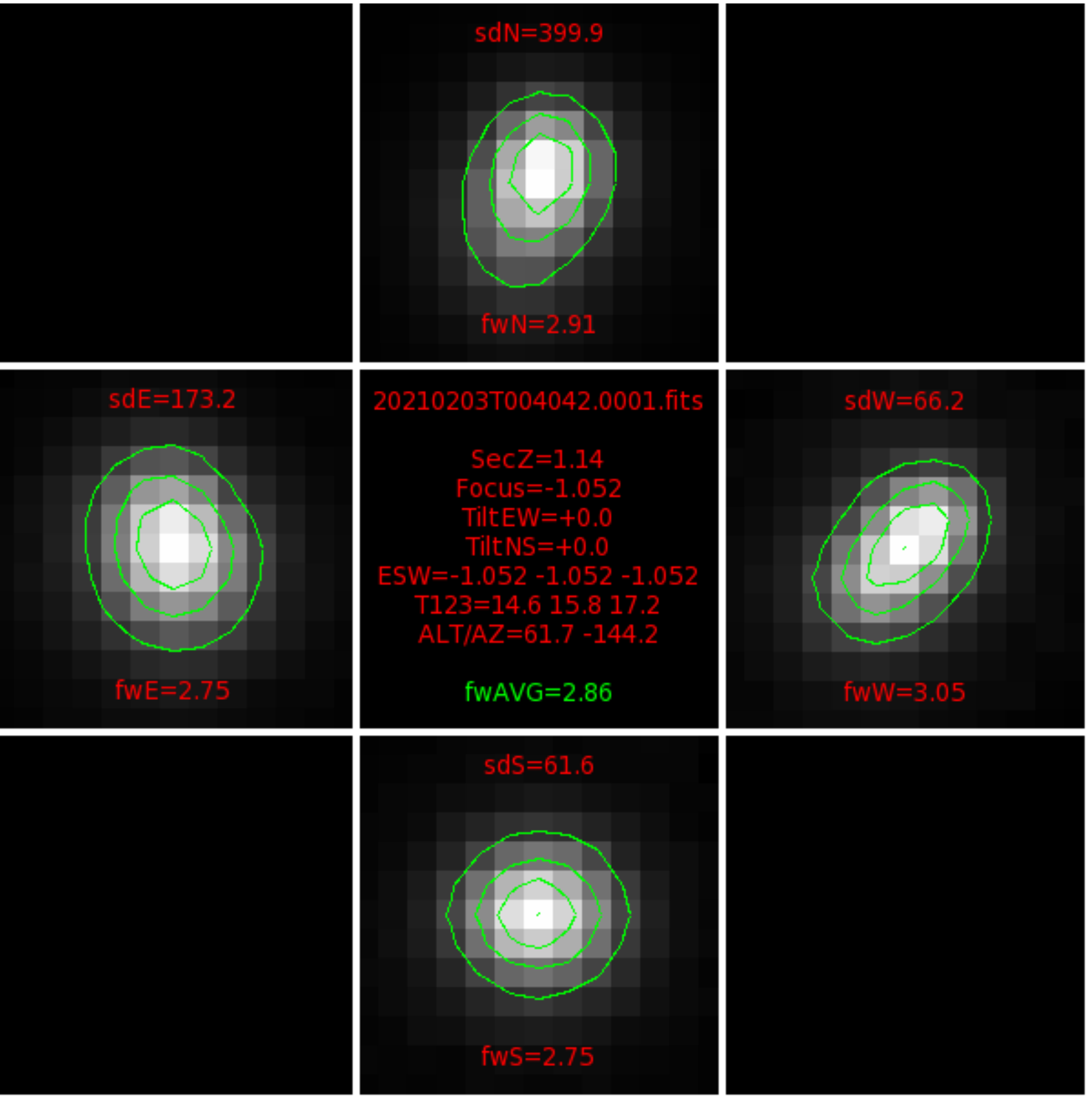
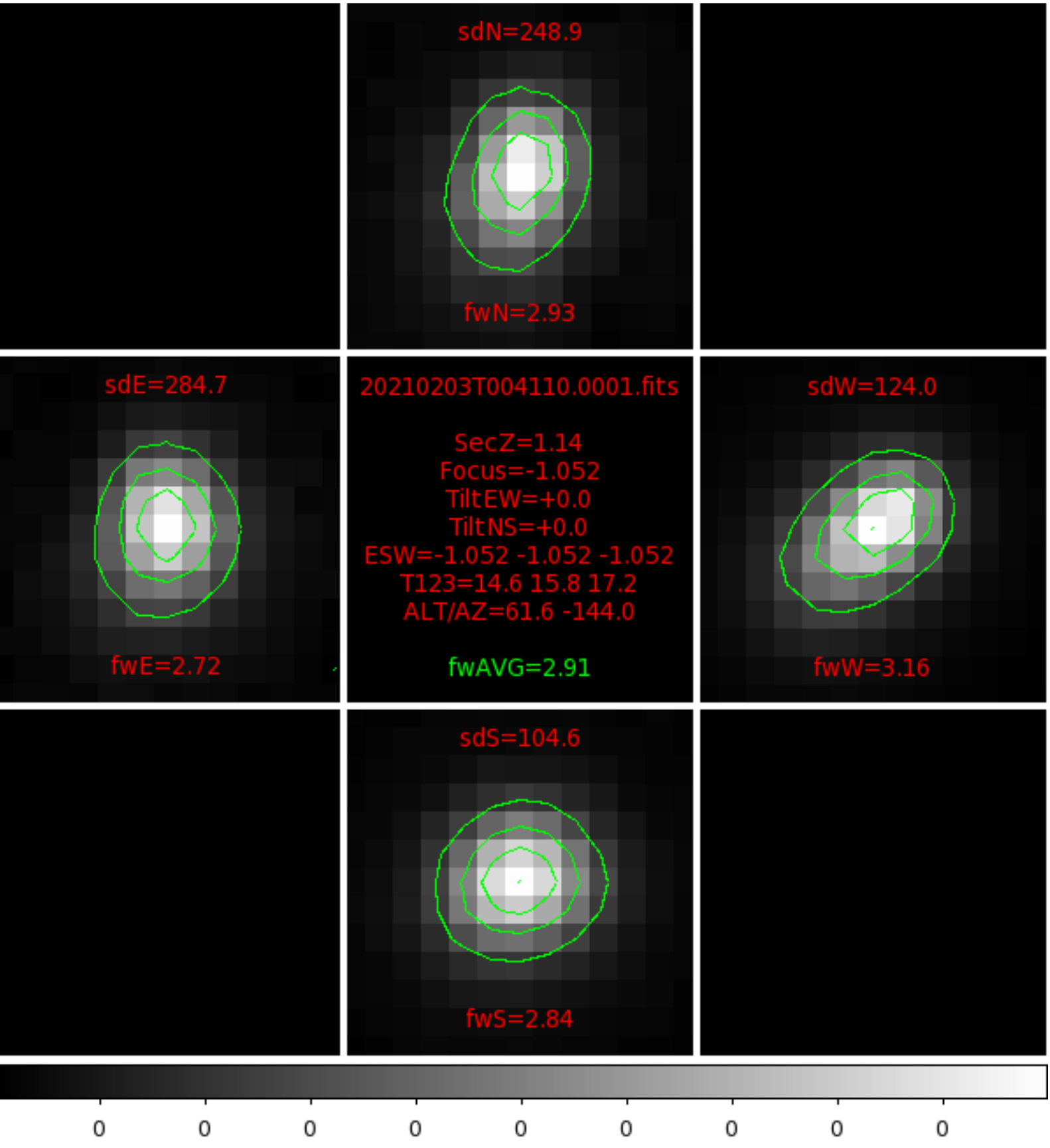

sdN=399.9
fwN=2.91
sdE=173.2
fwE=2.75
20210203T004042.0001.fits
SecZ=1.14
Focus=-1.052
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.052 -1.052 -1.052
T123=14.6 15.8 17.2
ALT/AZ=61.7 -144.2
fwAVG=2.86
sdW=66.2
fwW=3.05
sdS=61.6
fwS=2.75
0 0 0 0 0 0 0 0 0


sdN=248.9
fwN=2.93
sdE=284.7
fwE=2.72
20210203T004110.0001.fits
SecZ=1.14
Focus=-1.052
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.052 -1.052 -1.052
T123=14.6 15.8 17.2
ALT/AZ=61.6 -144.0
fwAVG=2.91
sdW=124.0
fwW=3.16
sdS=104.6
fwS=2.84
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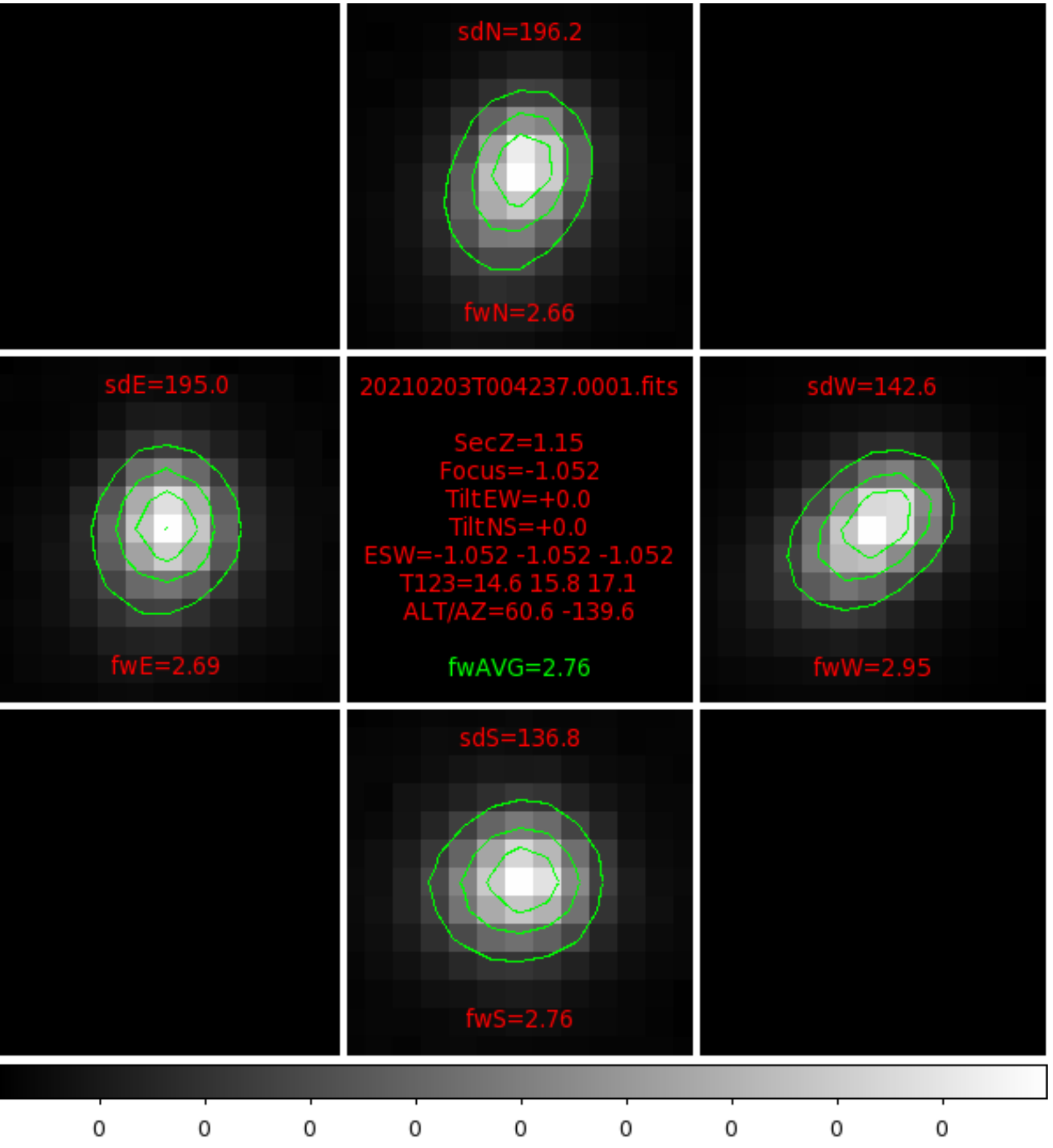
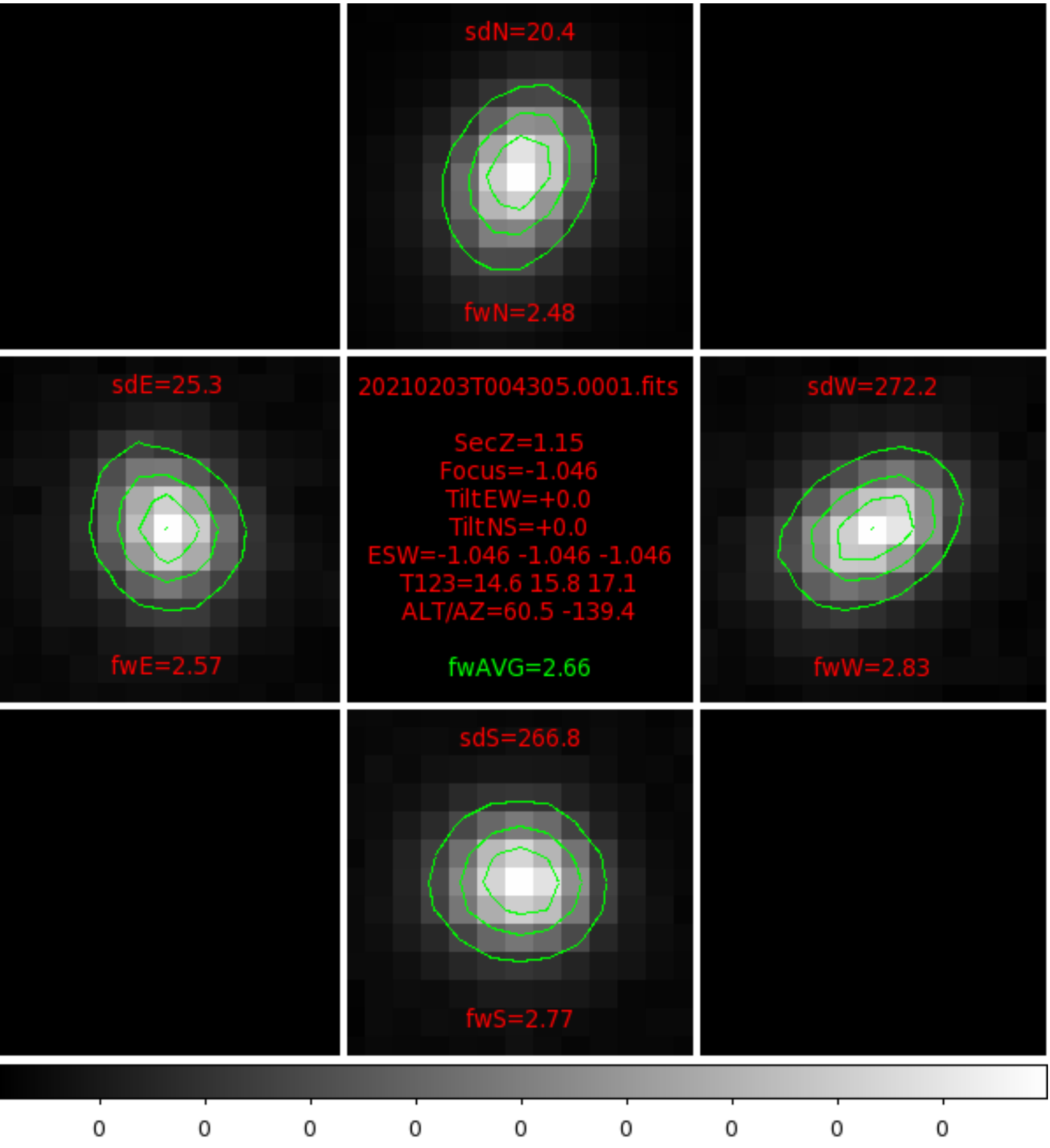
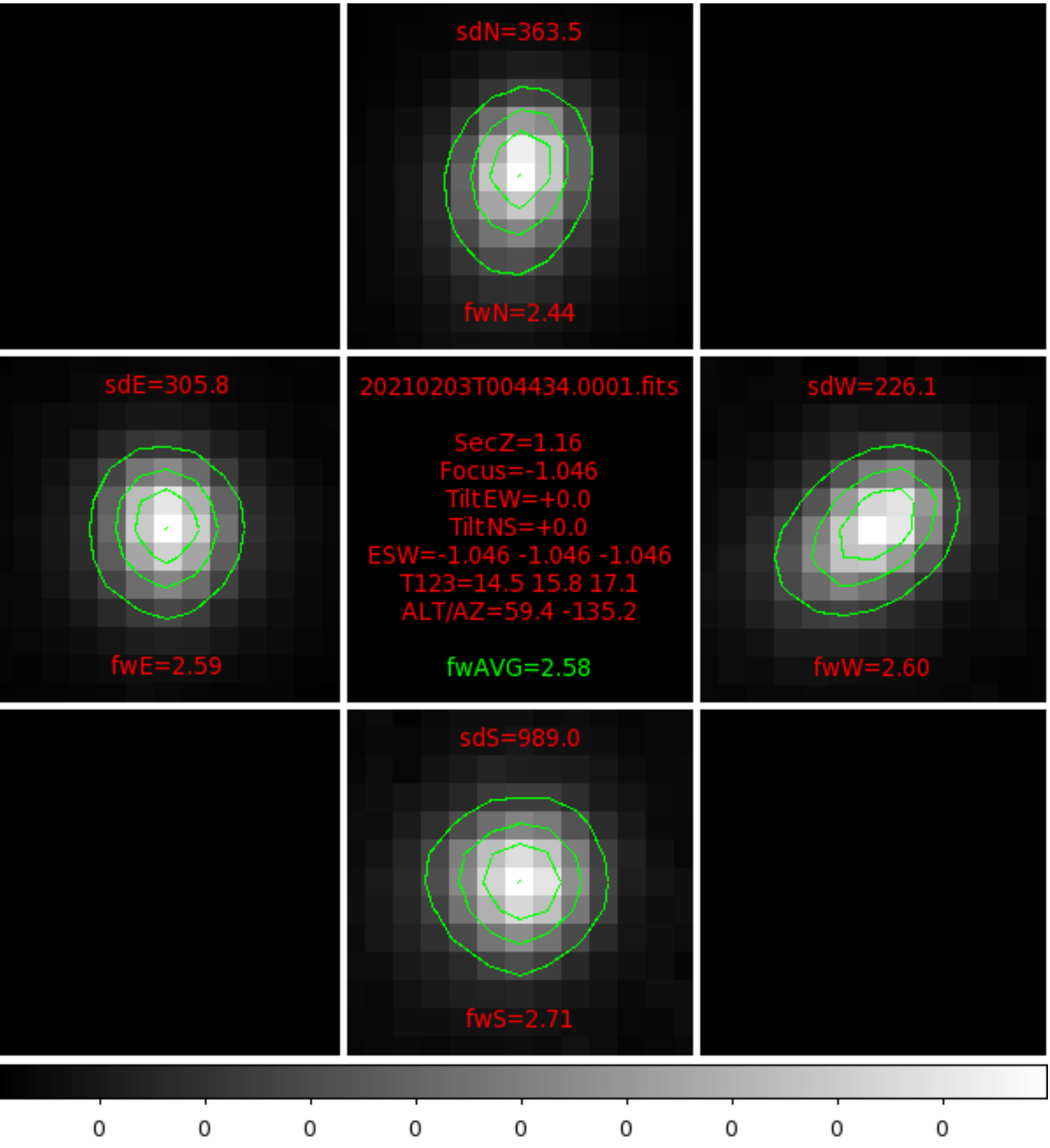
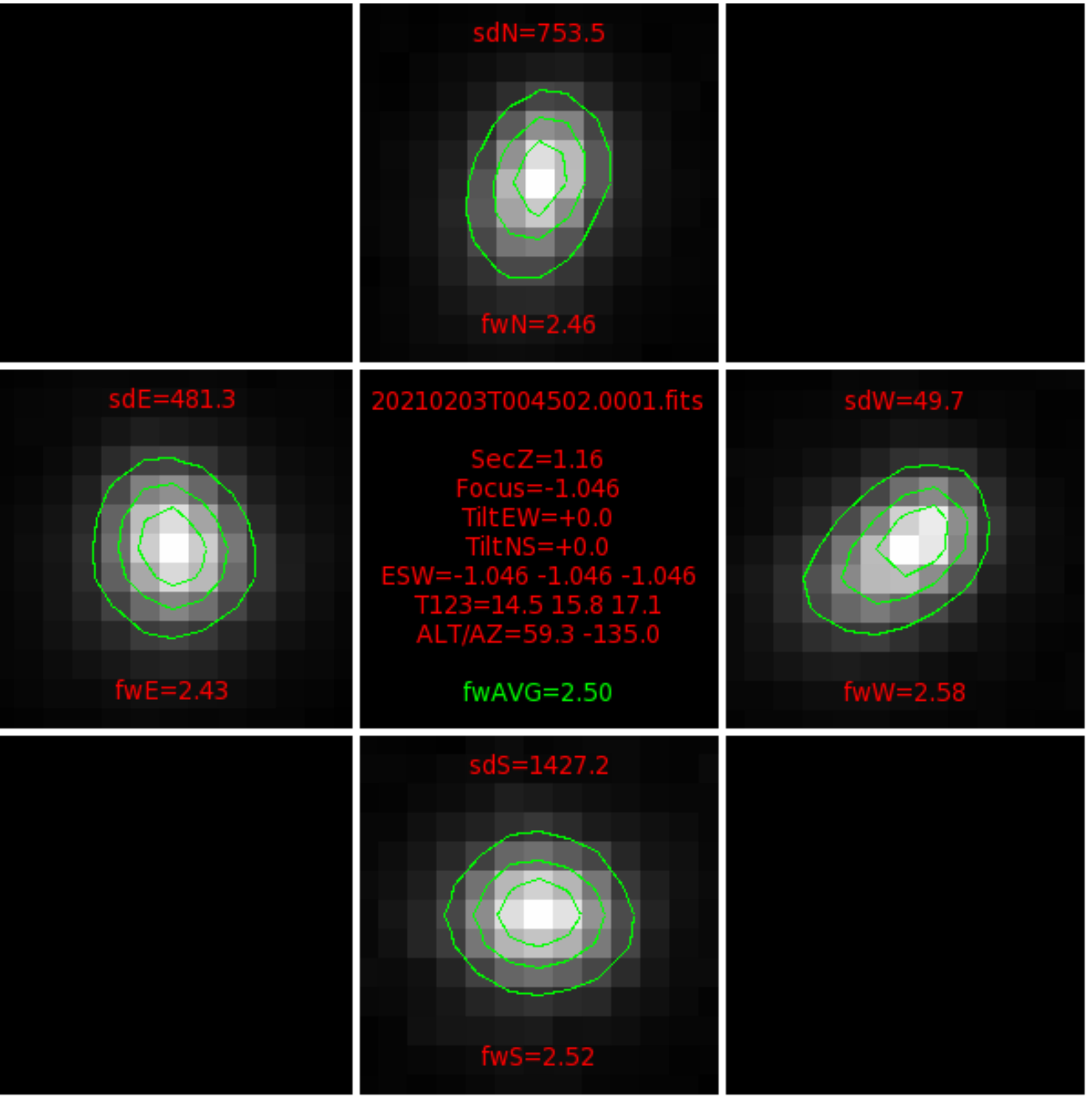
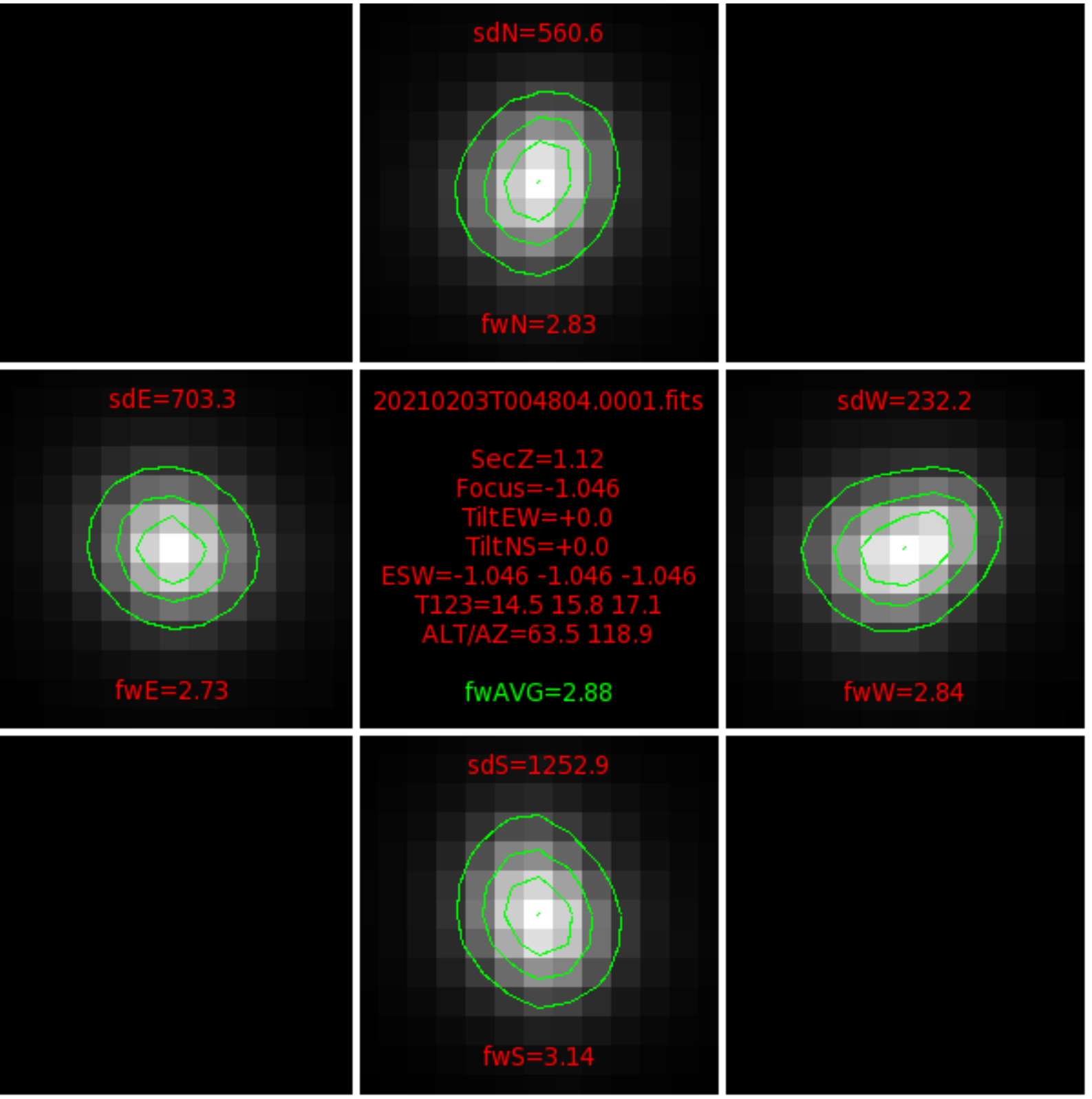

sdN=196.2
fwN=2.66
sdE=195.0
fwE=2.69
20210203T004237.0001.fits
SecZ=1.15
Focus=-1.052
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.052 -1.052 -1.052
T123=14.6 15.8 17.1
ALT/AZ=60.6 -139.6
fwAVG=2.76
sdW=142.6
fwW=2.95
sdS=136.8
fwS=2.76
0 0 0 0 0 0 0 0 0


sdN=20.4
fwN=2.48
sdE=25.3
fwE=2.57
20210203T004305.0001.fits
SecZ=1.15
Focus=-1.046
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.046 -1.046 -1.046
T123=14.6 15.8 17.1
ALT/AZ=60.5 -139.4
fwAVG=2.66
sdW=272.2
fwW=2.83
sdS=266.8
fwS=2.77
0 0 0 0 0 0 0 0 0


sdN=363.5
fwN=2.44
sdE=305.8
fwE=2.59
20210203T004434.0001.fits
SecZ=1.16
Focus=-1.046
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.046 -1.046 -1.046
T123=14.5 15.8 17.1
ALT/AZ=59.4 -135.2
fwAVG=2.58
sdW=226.1
fwW=2.60
sdS=989.0
fwS=2.71
0 0 0 0 0 0 0 0 0


sdN=753.5
fwN=2.46
sdE=481.3
fwE=2.43
20210203T004502.0001.fits
SecZ=1.16
Focus=-1.046
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.046 -1.046 -1.046
T123=14.5 15.8 17.1
ALT/AZ=59.3 -135.0
fwAVG=2.50
sdW=49.7
fwW=2.58
sdS=1427.2
fwS=2.52
0 0 0 0 0 0 0 0 0


sdN=560.6
fwN=2.83
sdE=703.3
fwE=2.73
20210203T004804.0001.fits
SecZ=1.12
Focus=-1.046
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.046 -1.046 -1.046
T123=14.5 15.8 17.1
ALT/AZ=63.5 118.9
fwAVG=2.88
sdW=232.2
fwW=2.84
sdS=1252.9
fwS=3.14
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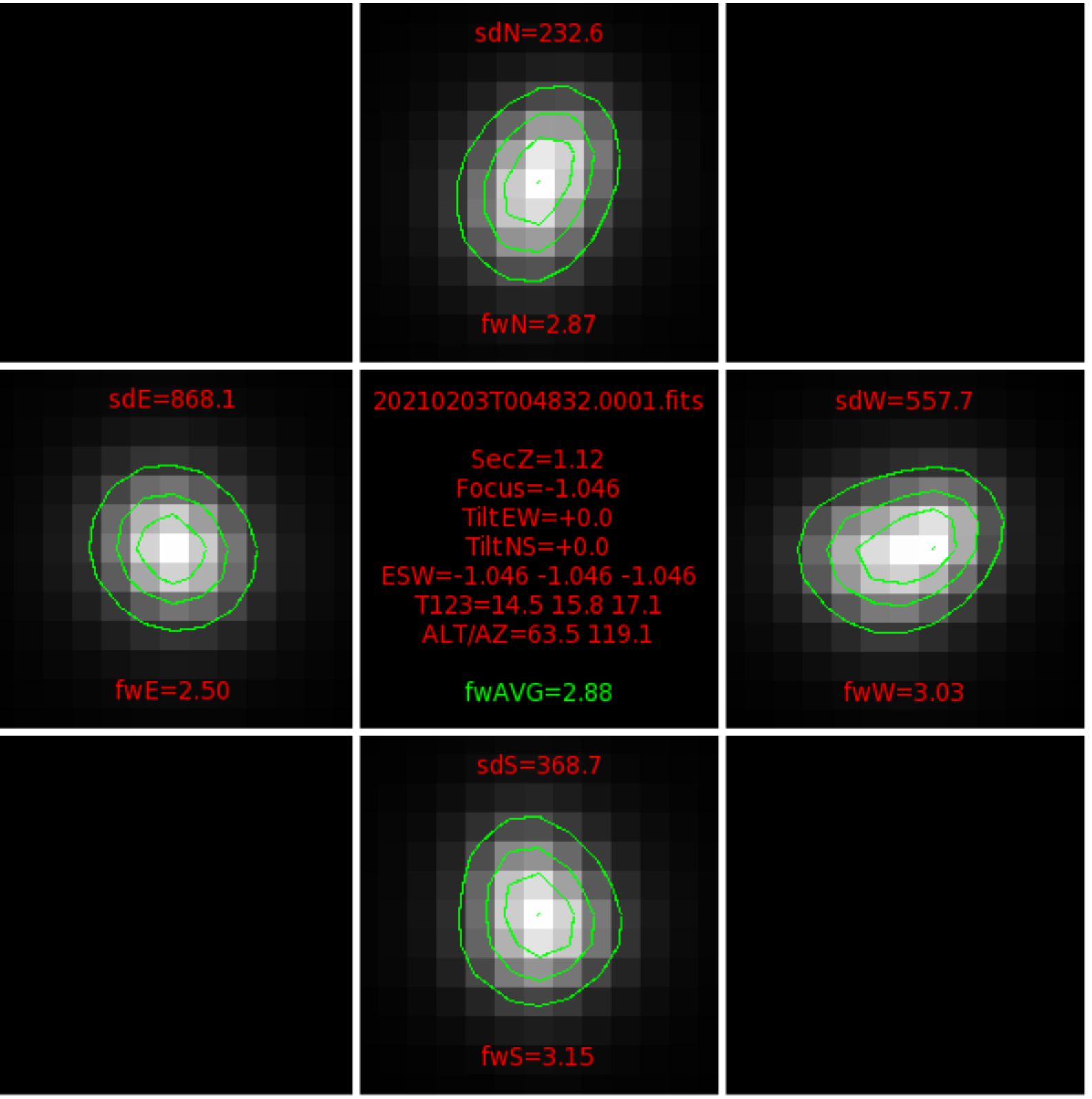
sdN=232.6
fwN=2.87
sdE=868.1
fwE=2.50
20210203T004832.0001.fits
SecZ=1.12
Focus=-1.046
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.046 -1.046 -1.046
T123=14.5 15.8 17.1
ALT/AZ=63.5 119.1
fwAVG=2.88
sdW=557.7
fwW=3.03
sdS=368.7
fwS=3.15
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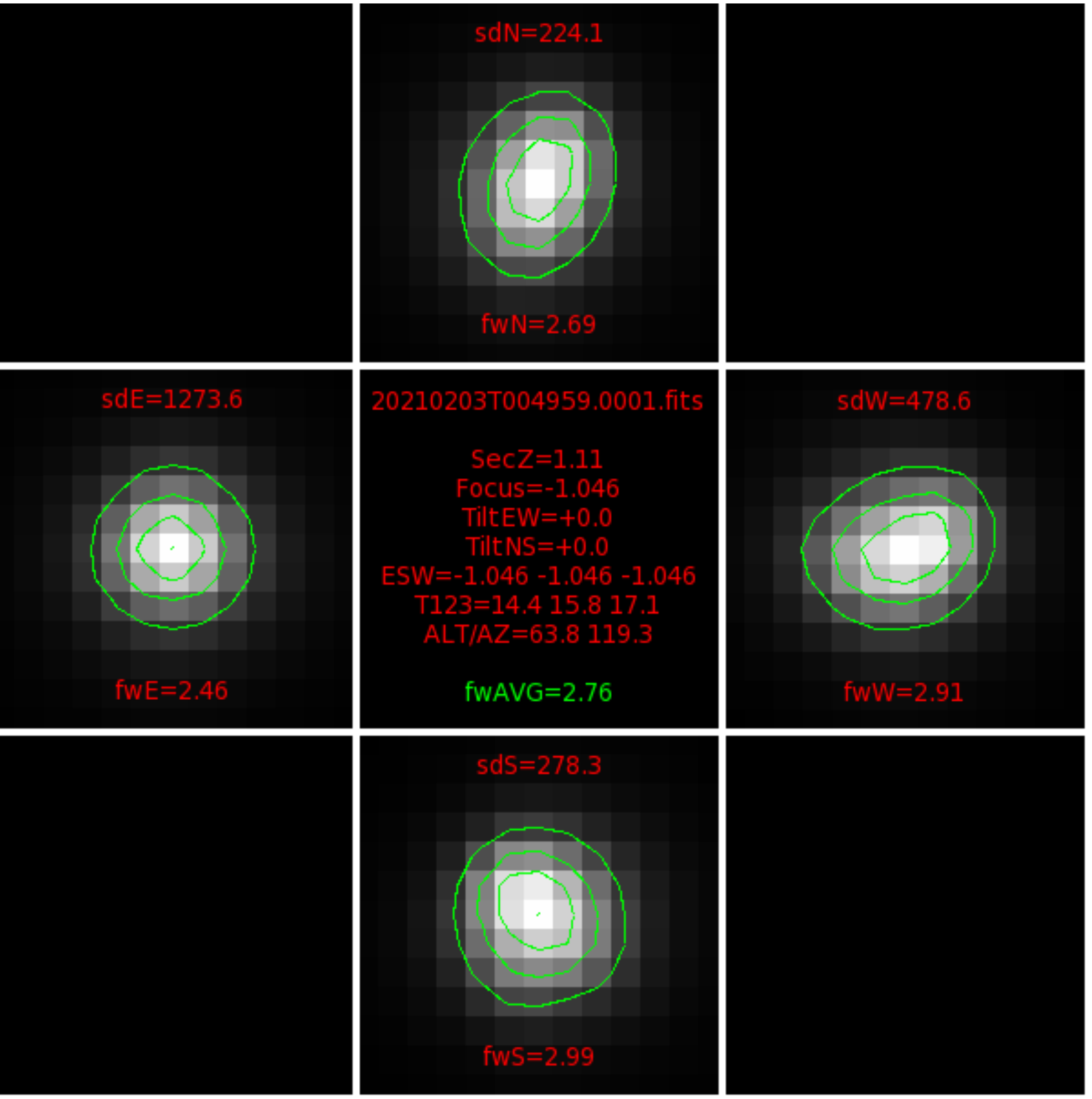
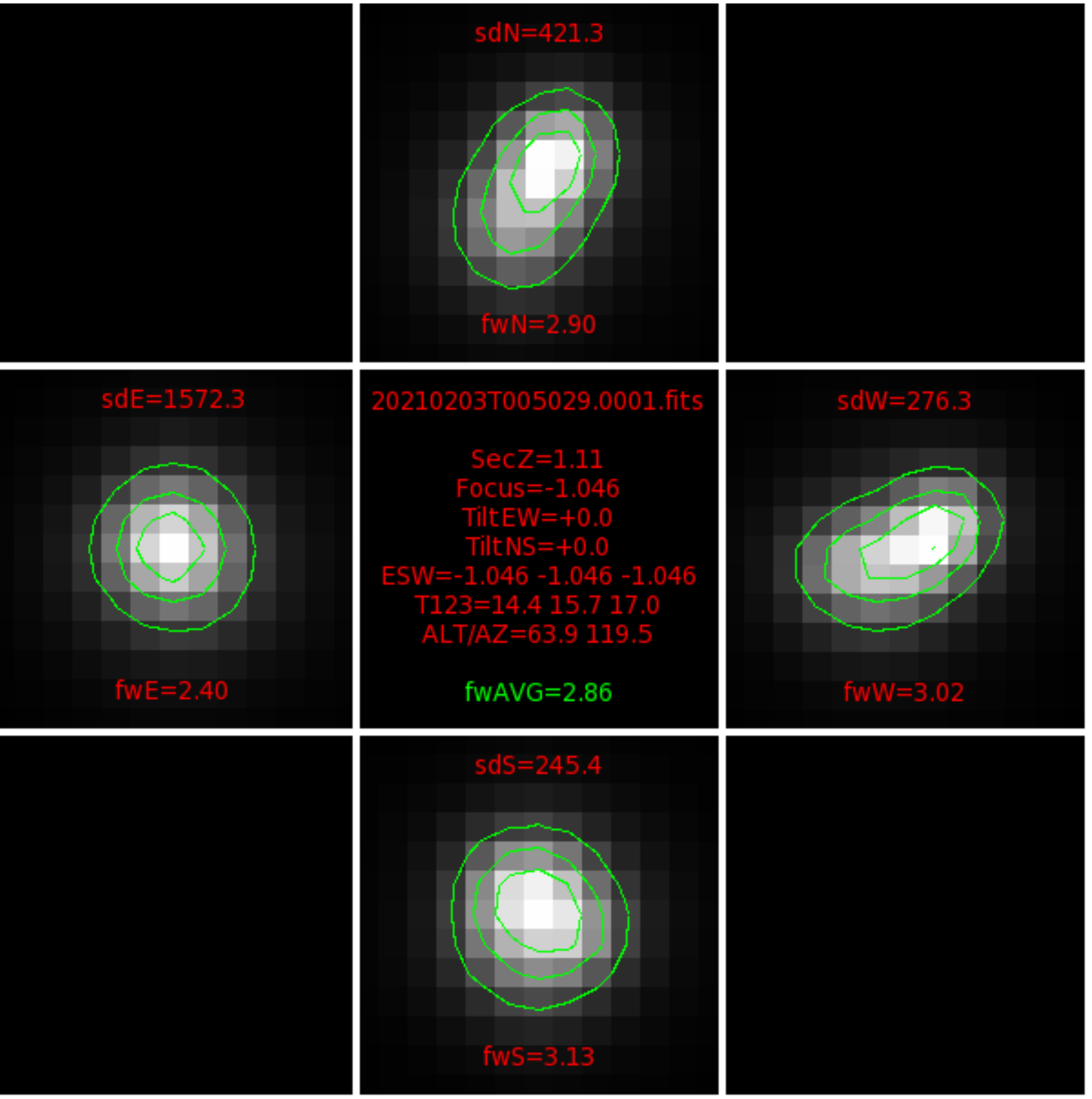
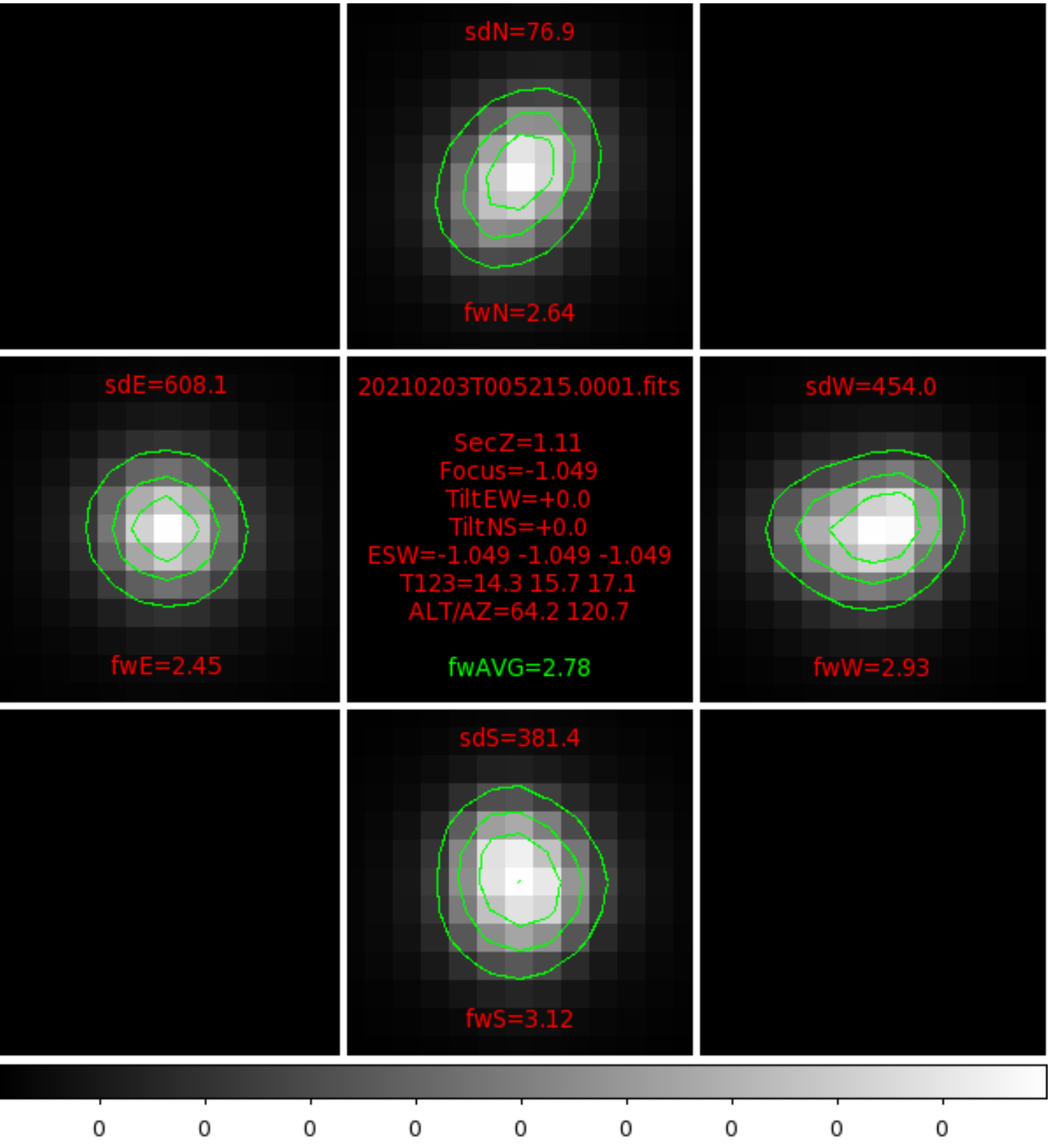

sdN=224.1
fwN=2.69
sdE=1273.6
fwE=2.46
20210203T004959.0001.fits
SecZ=1.11
Focus=-1.046
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.046 -1.046 -1.046
T123=14.4 15.8 17.1
ALT/AZ=63.8 119.3
fwAVG=2.76
sdW=478.6
fwW=2.91
sdS=278.3
fwS=2.99
0 0 0 0 0 0 0 0 0


sdN=421.3
fwN=2.90
sdE=1572.3
fwE=2.40
20210203T005029.0001.fits
SecZ=1.11
Focus=-1.046
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.046 -1.046 -1.046
T123=14.4 15.7 17.0
ALT/AZ=63.9 119.5
fwAVG=2.86
sdW=276.3
fwW=3.02
sdS=245.4
fwS=3.13
0 0 0 0 0 0 0 0 0


sdN=76.9
fwN=2.64
sdE=608.1
fwE=2.45
20210203T005215.0001.fits
SecZ=1.11
Focus=-1.049
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.049 -1.049 -1.049
T123=14.3 15.7 17.1
ALT/AZ=64.2 120.7
fwAVG=2.78
sdW=454.0
fwW=2.93
sdS=381.4
fwS=3.12
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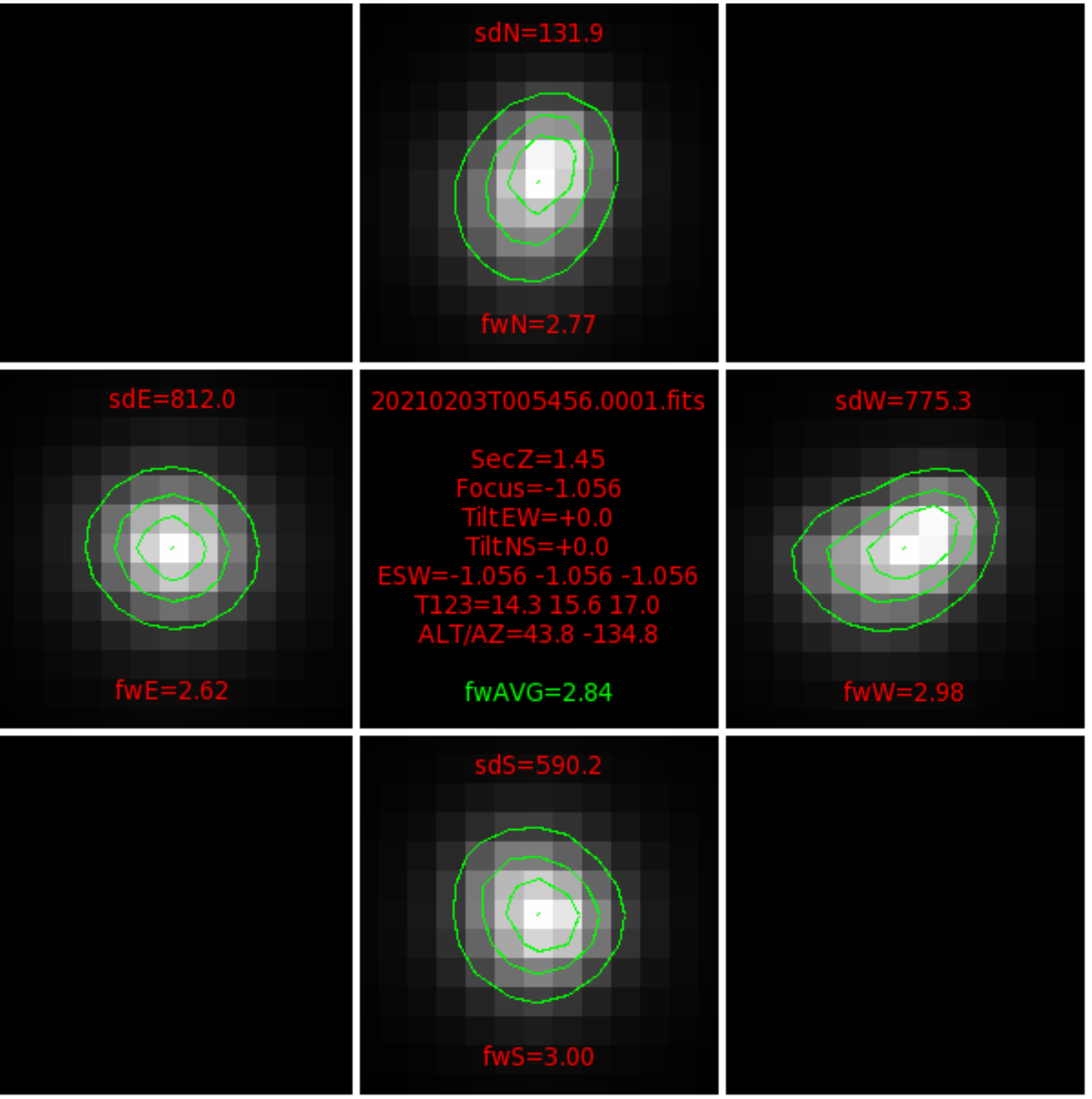
sdN=131.9
fwN=2.77
sdE=812.0
fwE=2.62
20210203T005456.0001.fits
SecZ=1.45
Focus=-1.056
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.056 -1.056 -1.056
T123=14.3 15.6 17.0
ALT/AZ=43.8 -134.8
fwAVG=2.84
sdW=775.3
fwW=2.98
sdS=590.2
fwS=3.00
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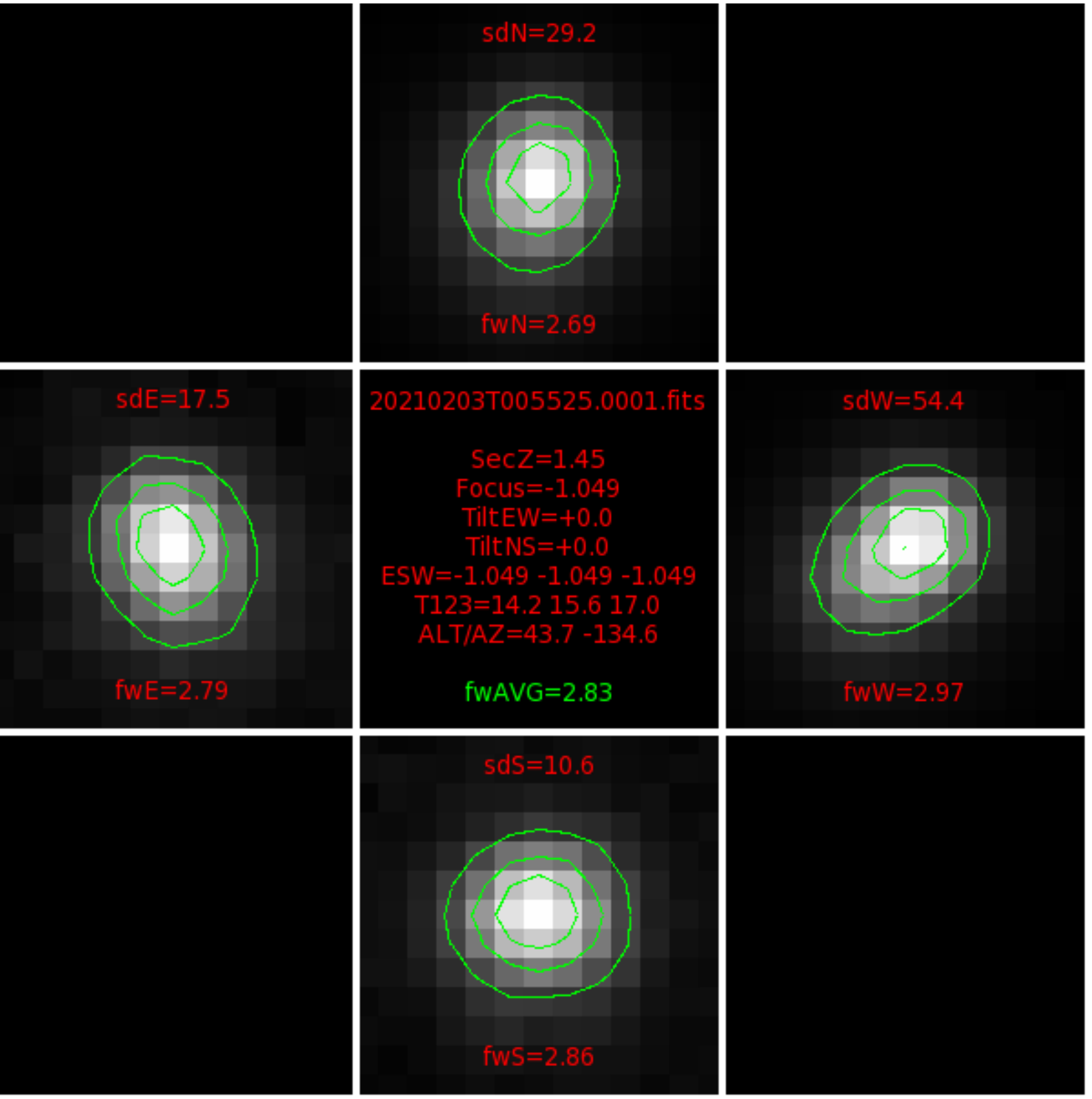
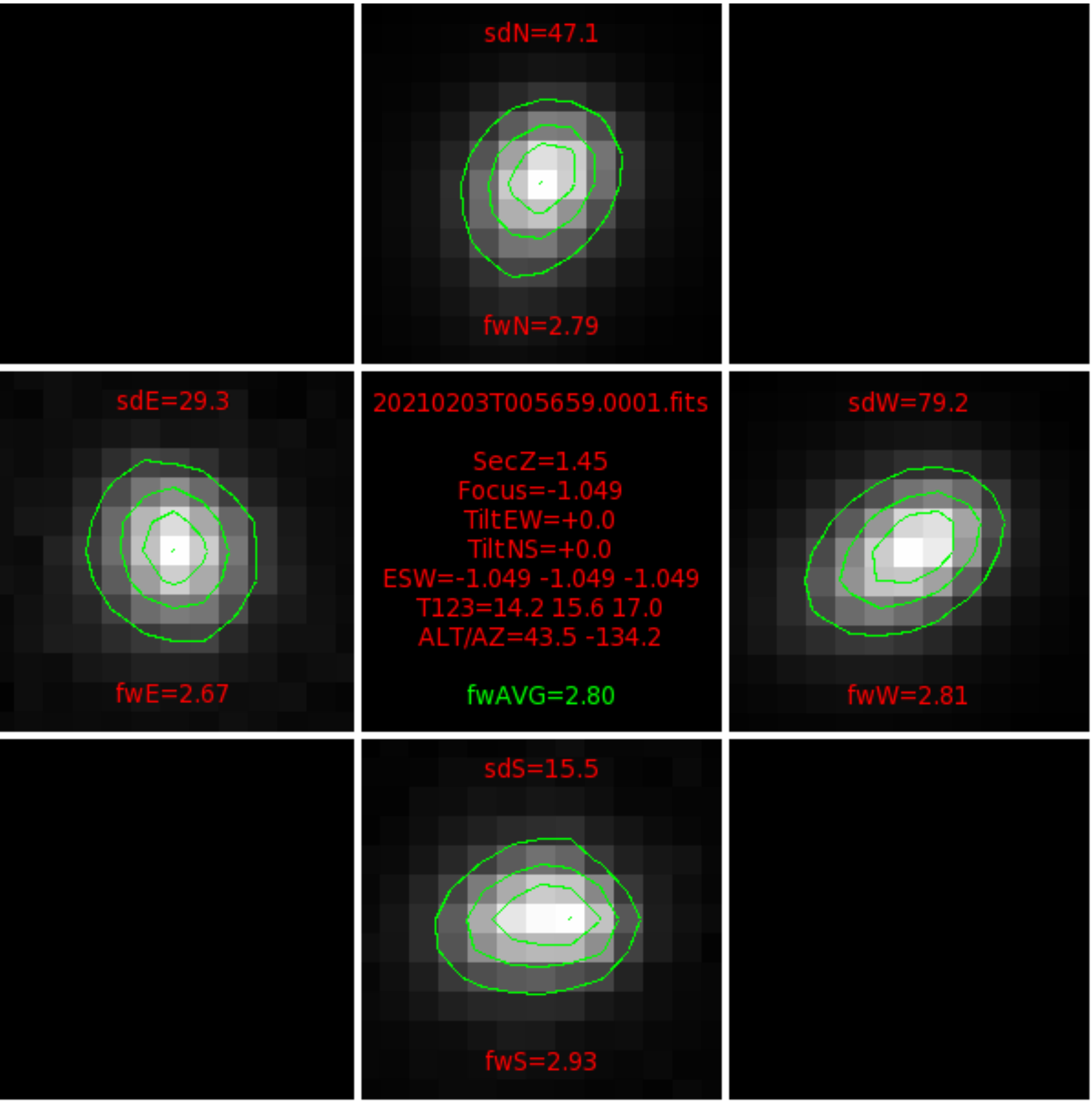
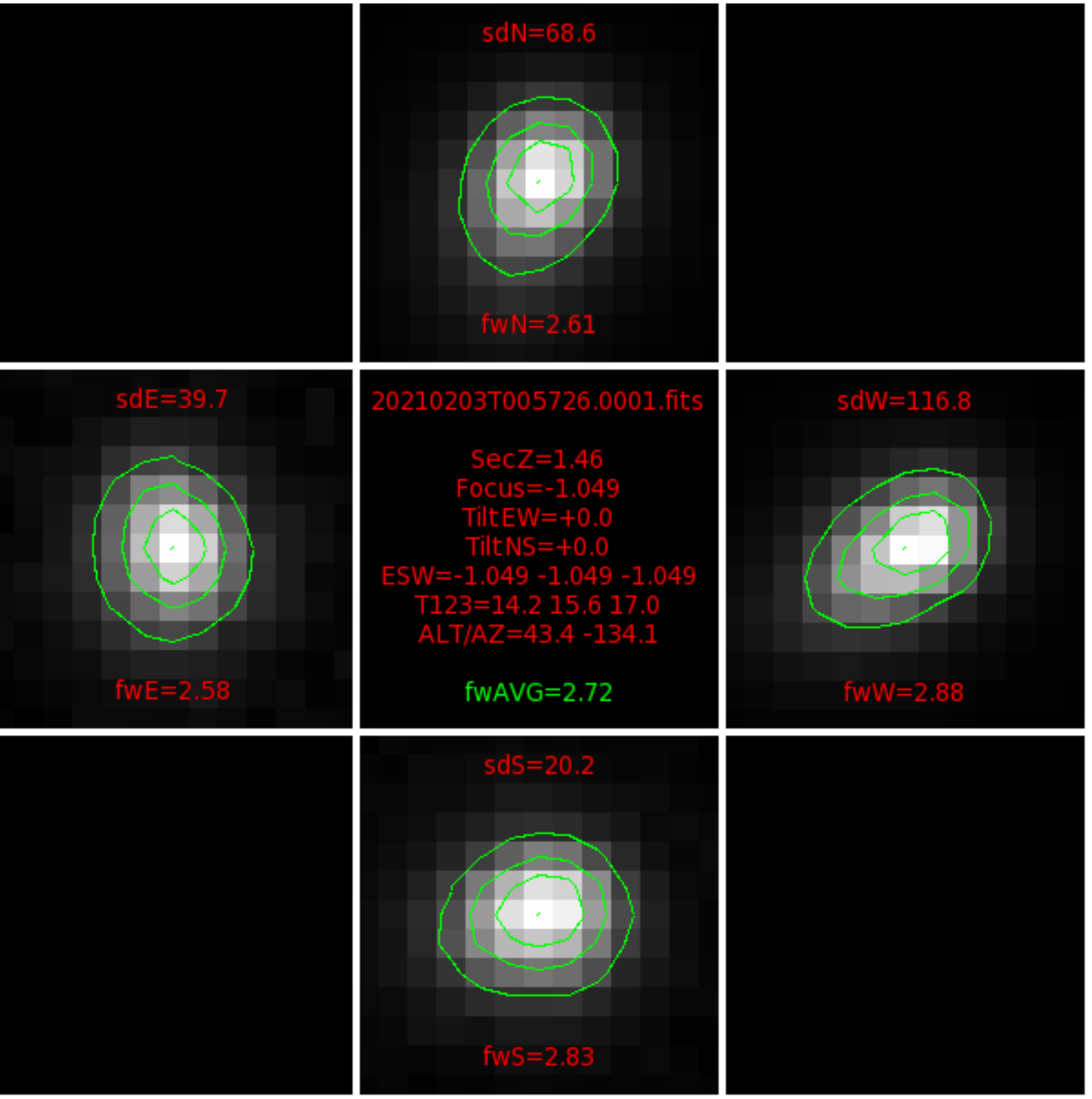
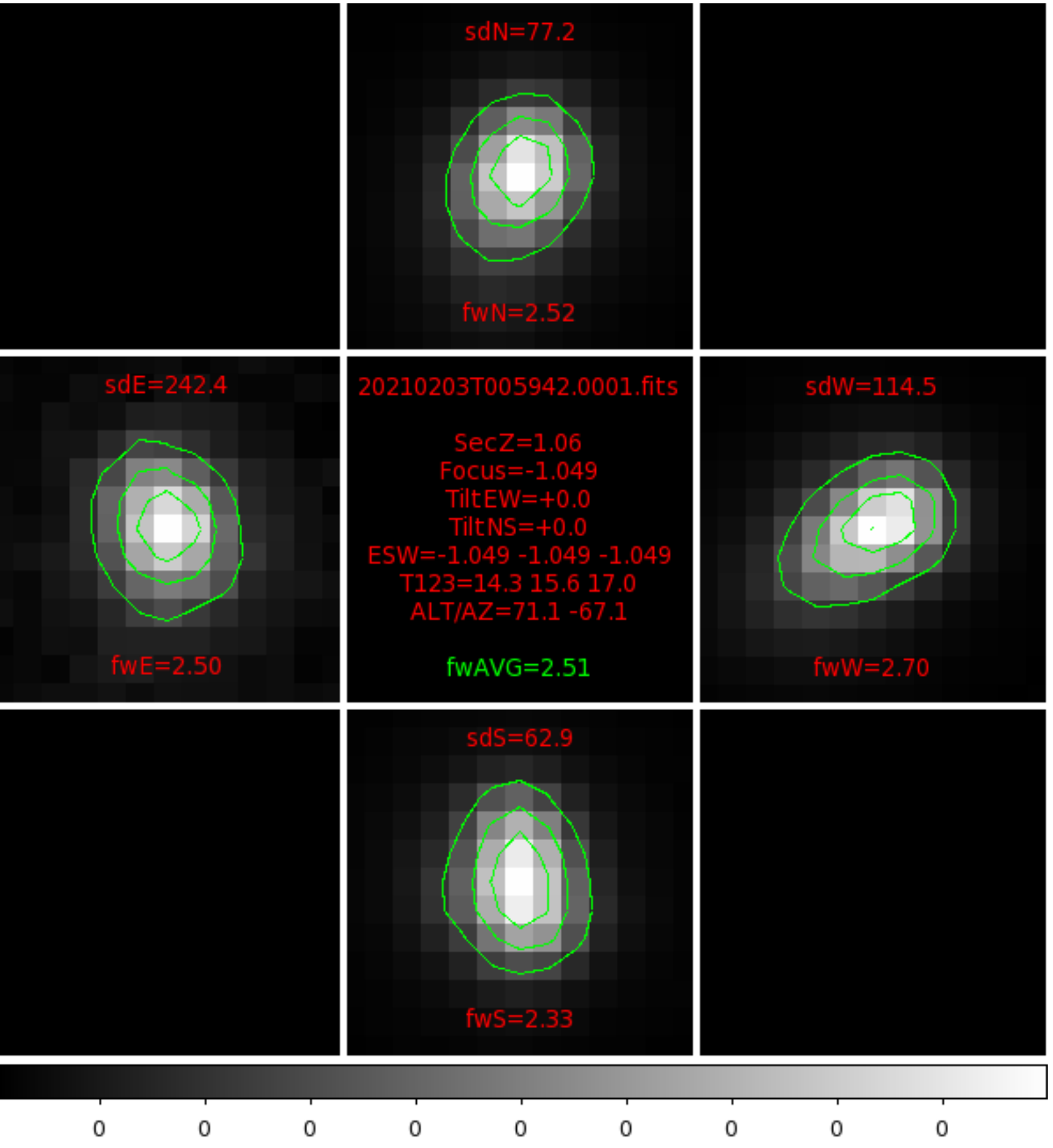

sdN=29.2
fwN=2.69
sdE=17.5
fwE=2.79
20210203T005525.0001.fits
SecZ=1.45
Focus=-1.049
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.049 -1.049 -1.049
T123=14.2 15.6 17.0
ALT/AZ=43.7 -134.6
fwAVG=2.83
sdW=54.4
fwW=2.97
sdS=10.6
fwS=2.86
0 0 0 0 0 0 0 0 0


sdN=47.1
fwN=2.79
sdE=29.3
fwE=2.67
20210203T005659.0001.fits
SecZ=1.45
Focus=-1.049
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.049 -1.049 -1.049
T123=14.2 15.6 17.0
ALT/AZ=43.5 -134.2
fwAVG=2.80
sdW=79.2
fwW=2.81
sdS=15.5
fwS=2.93
0 0 0 0 0 0 0 0 0


sdN=68.6
fwN=2.61
sdE=39.7
fwE=2.58
20210203T005726.0001.fits
SecZ=1.46
Focus=-1.049
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.049 -1.049 -1.049
T123=14.2 15.6 17.0
ALT/AZ=43.4 -134.1
fwAVG=2.72
sdW=116.8
fwW=2.88
sdS=20.2
fwS=2.83
0 0 0 0 0 0 0 0 0


sdN=77.2
fwN=2.52
sdE=242.4
fwE=2.50
20210203T005942.0001.fits
SecZ=1.06
Focus=-1.049
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.049 -1.049 -1.049
T123=14.3 15.6 17.0
ALT/AZ=71.1 -67.1
fwAVG=2.51
sdW=114.5
fwW=2.70
sdS=62.9
fwS=2.33
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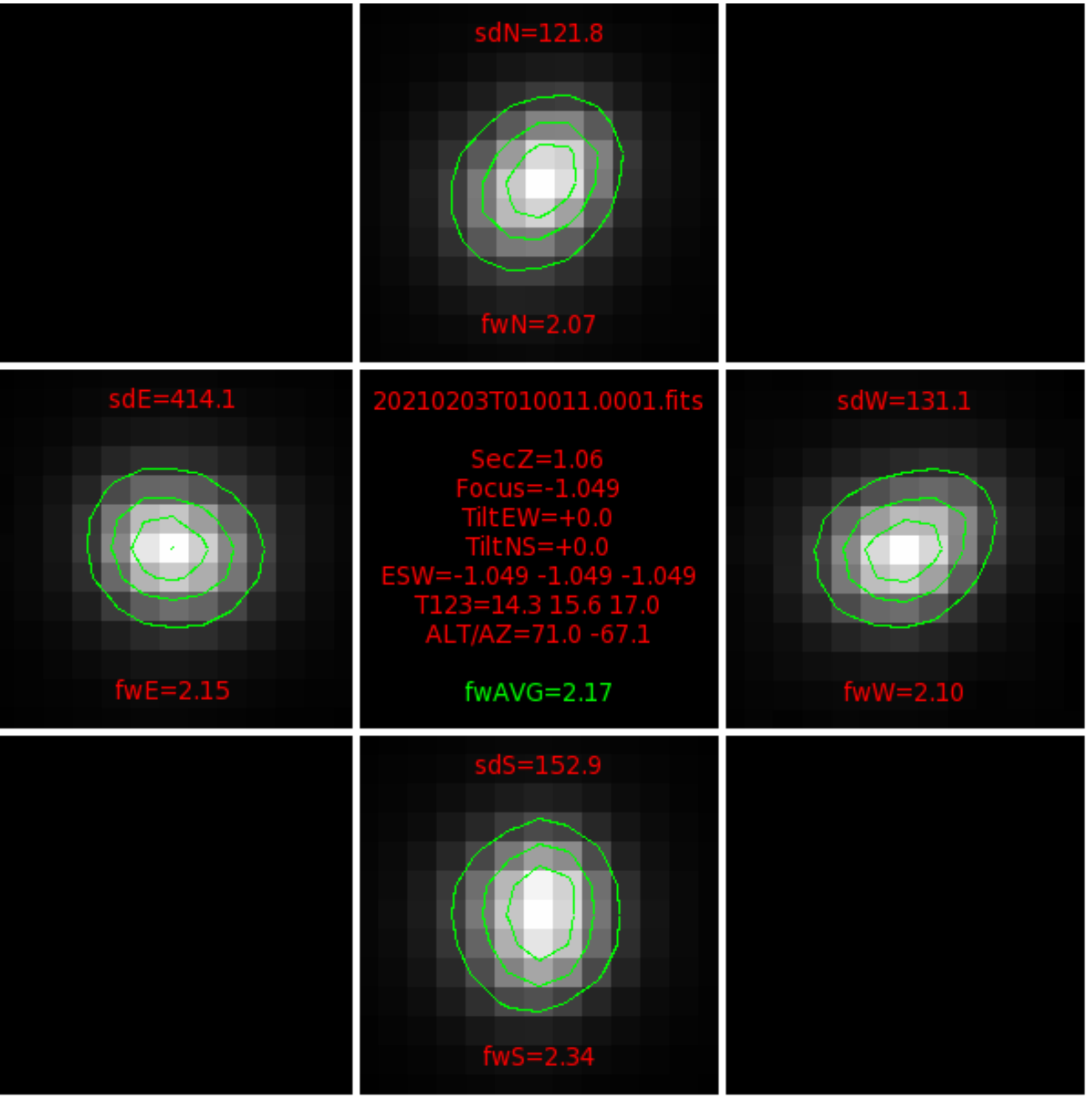
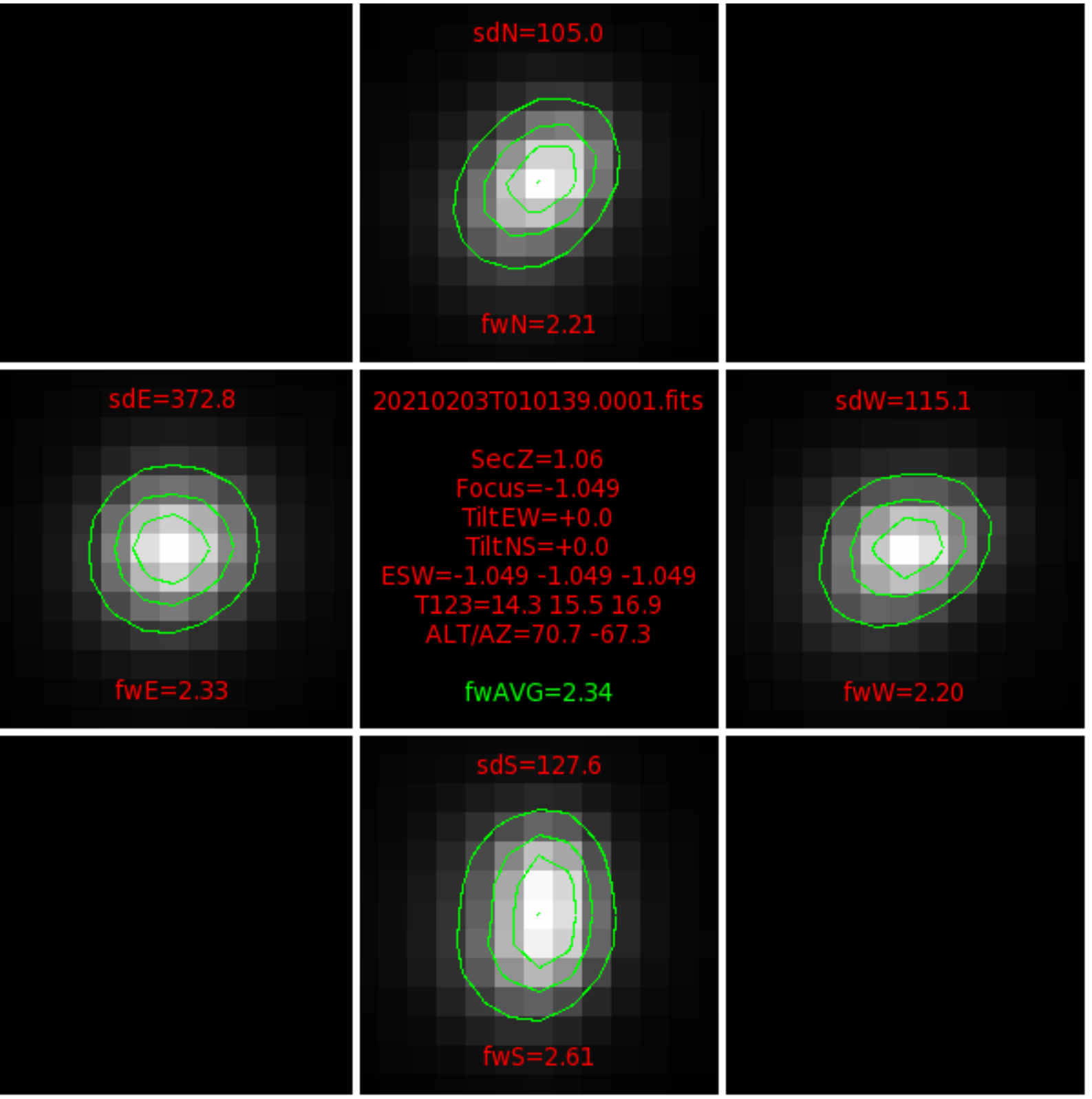
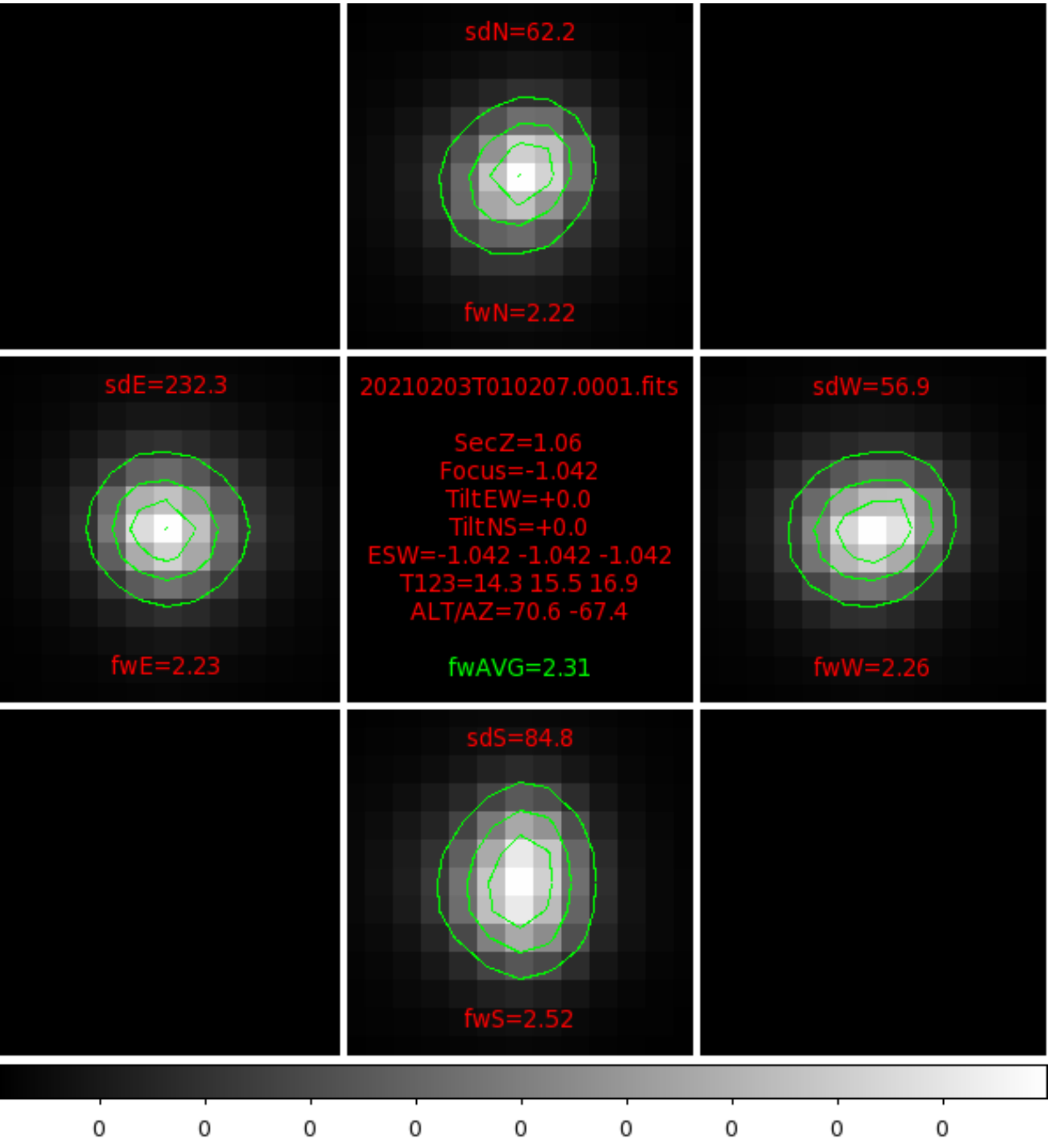

sdN=121.8
fwN=2.07
sdE=414.1
fwE=2.15
20210203T010011.0001.fits
SecZ=1.06
Focus=-1.049
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.049 -1.049 -1.049
T123=14.3 15.6 17.0
ALT/AZ=71.0 -67.1
fwAVG=2.17
sdW=131.1
fwW=2.10
sdS=152.9
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=105.0
fwN=2.21
sdE=372.8
fwE=2.33
20210203T010139.0001.fits
SecZ=1.06
Focus=-1.049
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.049 -1.049 -1.049
T123=14.3 15.5 16.9
ALT/AZ=70.7 -67.3
fwAVG=2.34
sdW=115.1
fwW=2.20
sdS=127.6
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=62.2
fwN=2.22
sdE=232.3
fwE=2.23
20210203T010207.0001.fits
SecZ=1.06
Focus=-1.042
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.042 -1.042 -1.042
T123=14.3 15.5 16.9
ALT/AZ=70.6 -67.4
fwAVG=2.31
sdW=56.9
fwW=2.26
sdS=84.8
fwS=2.52
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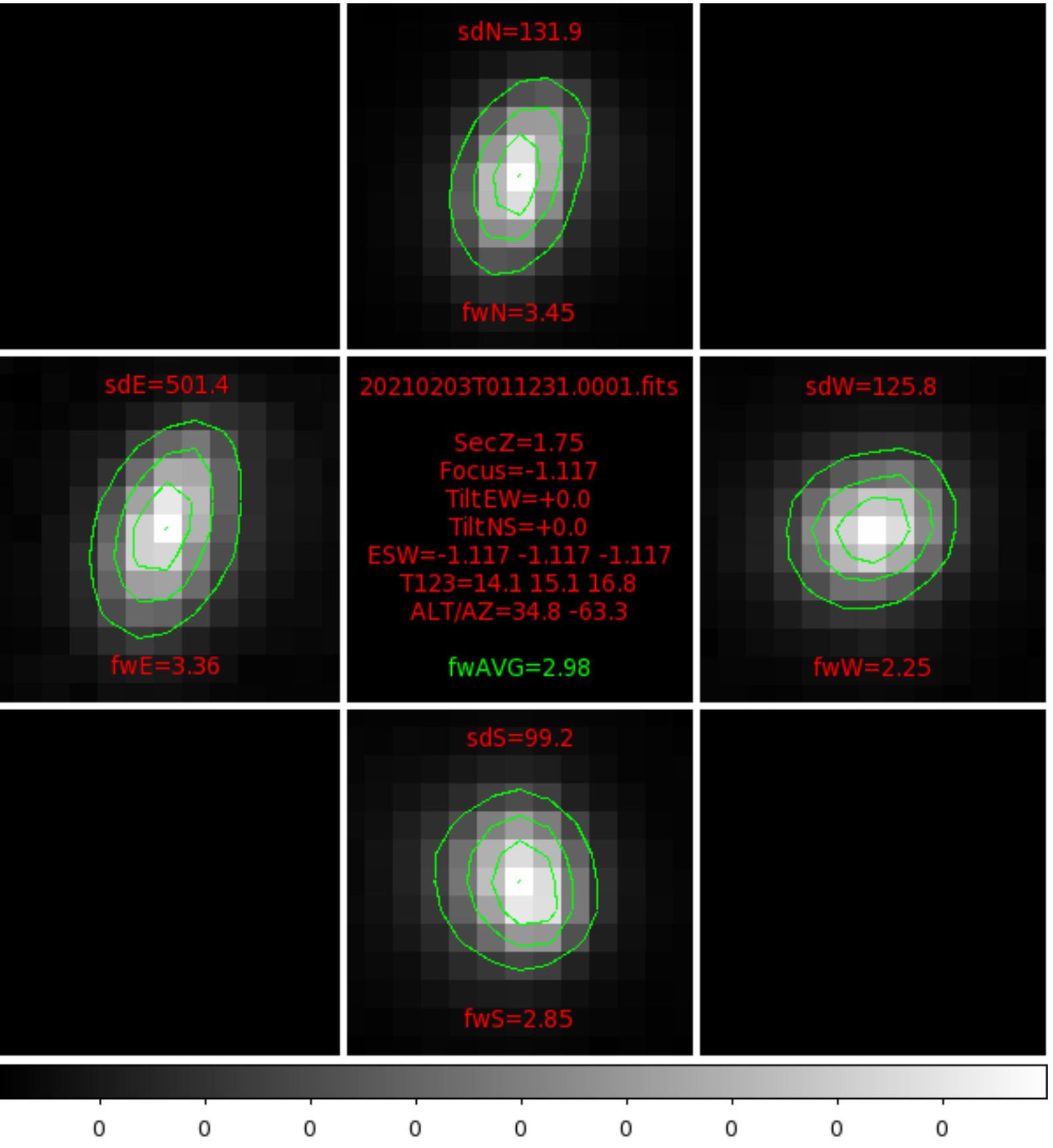
sdN=131.9
fwN=3.45
sdE=501.4
fwE=3.36
20210203T011231.0001.fits
SecZ=1.75
Focus=-1.117
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.117 -1.117 -1.117
T123=14.1 15.1 16.8
ALT/AZ=34.8 -63.3
fwAVG=2.98
sdW=125.8
fwW=2.25
sdS=99.2
fwS=2.85
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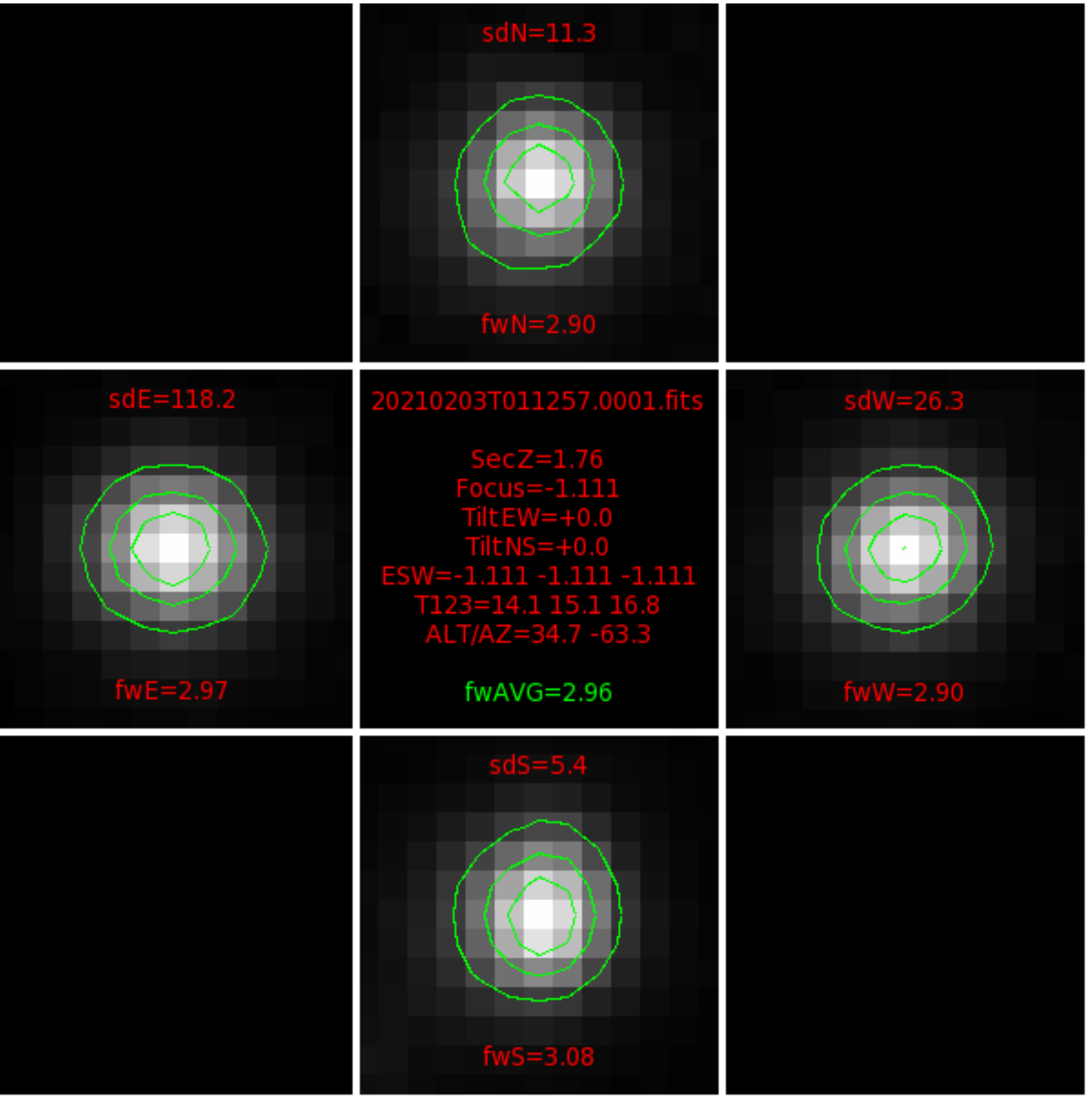
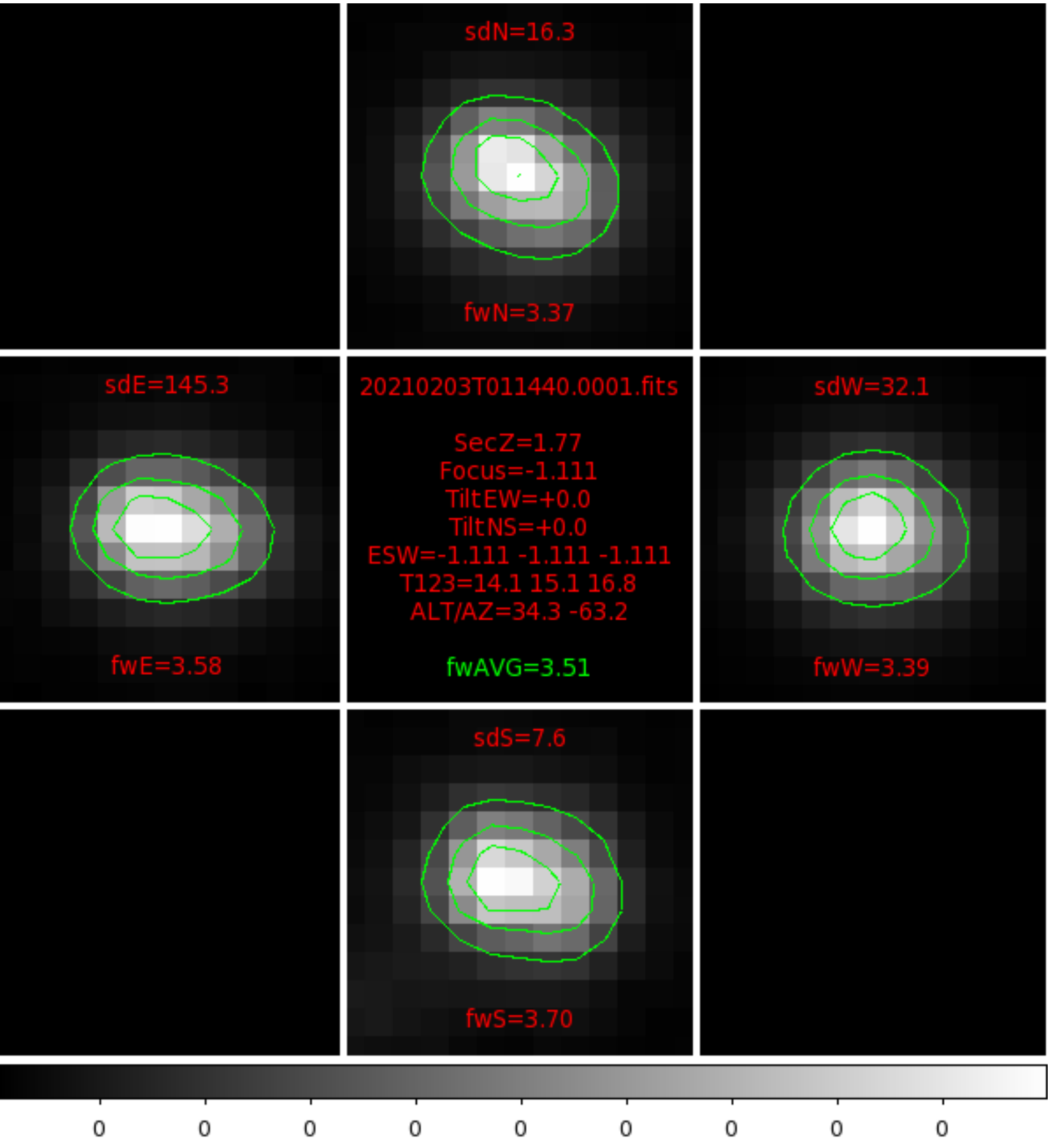

sdN=11.3
fwN=2.90
sdE=118.2
fwE=2.97
20210203T011257.0001.fits
SecZ=1.76
Focus=-1.111
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.111 -1.111 -1.111
T123=14.1 15.1 16.8
ALT/AZ=34.7 -63.3
fwAVG=2.96
sdW=26.3
fwW=2.90
sdS=5.4
fwS=3.08
0 0 0 0 0 0 0 0 0


sdN=16.3
fwN=3.37
sdE=145.3
fwE=3.58
20210203T011440.0001.fits
SecZ=1.77
Focus=-1.111
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.111 -1.111 -1.111
T123=14.1 15.1 16.8
ALT/AZ=34.3 -63.2
fwAVG=3.51
sdW=32.1
fwW=3.39
sdS=7.6
fwS=3.70
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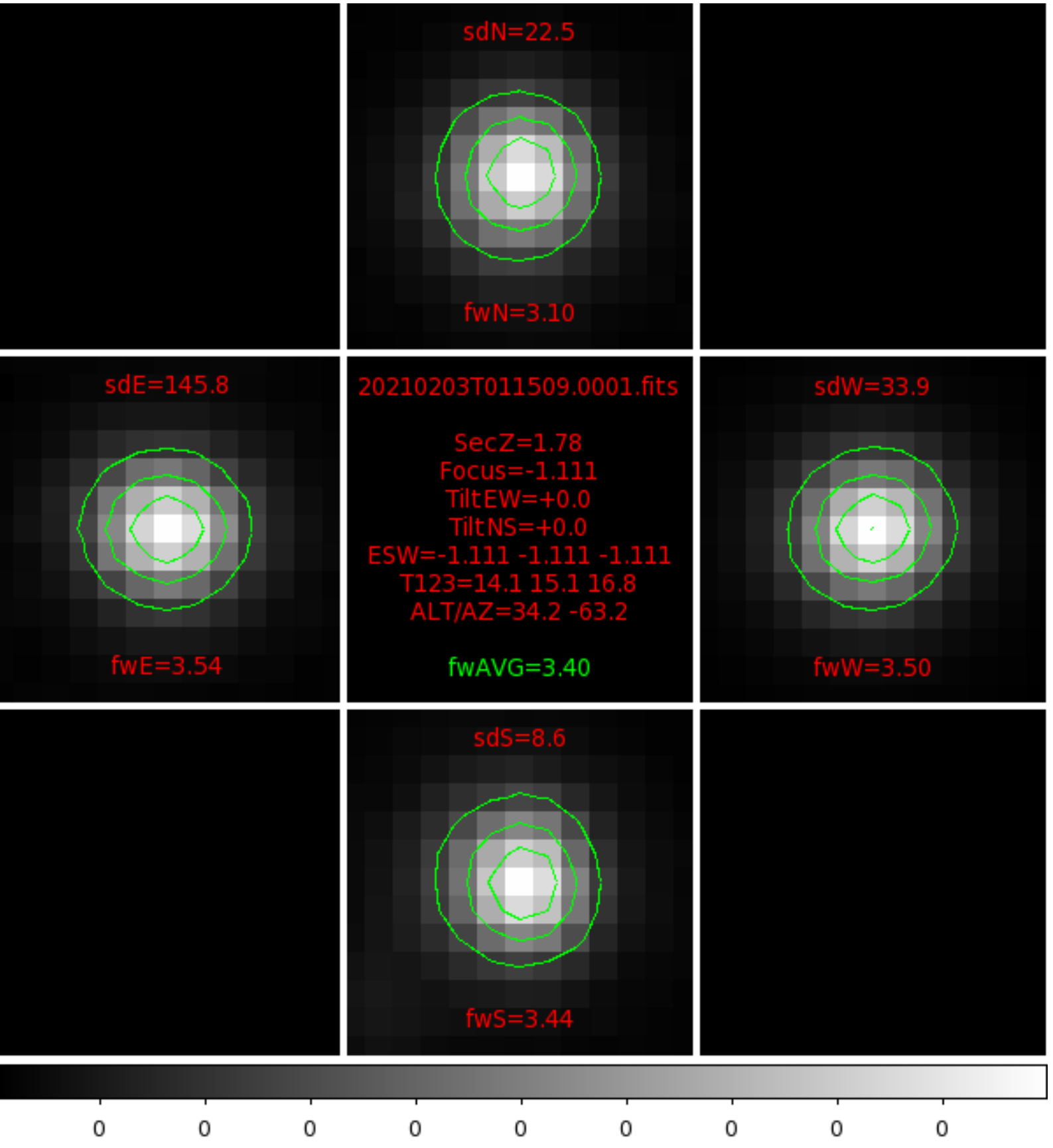
sdN=22.5
fwN=3.10
sdE=145.8
fwE=3.54
20210203T011509.0001.fits
SecZ=1.78
Focus=-1.111
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.111 -1.111 -1.111
T123=14.1 15.1 16.8
ALT/AZ=34.2 -63.2
fwAVG=3.40
sdW=33.9
fwW=3.50
sdS=8.6
fwS=3.44
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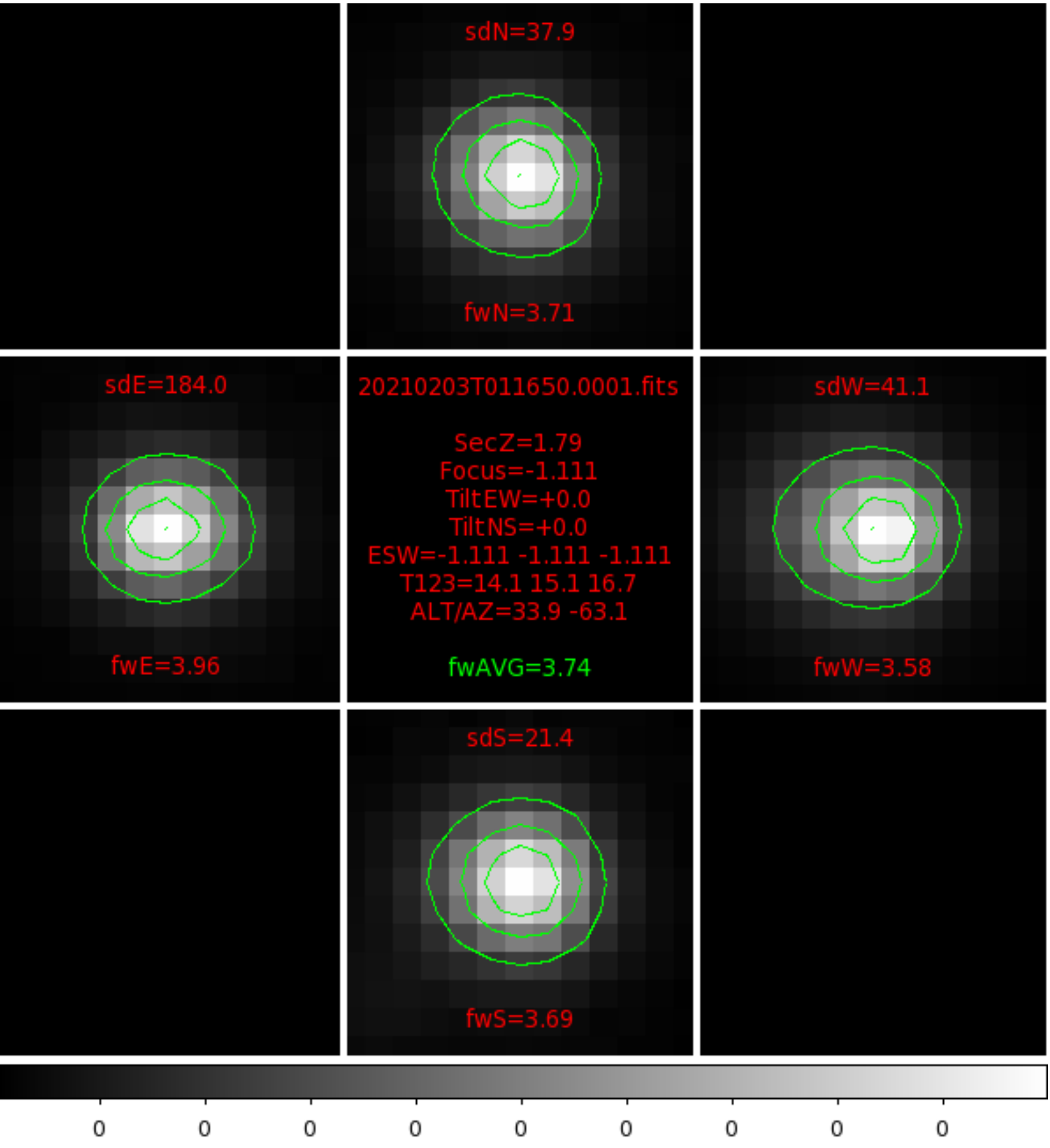
sdN=37.9
fwN=3.71
sdE=184.0
fwE=3.96
20210203T011650.0001.fits
SecZ=1.79
Focus=-1.111
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.111 -1.111 -1.111
T123=14.1 15.1 16.7
ALT/AZ=33.9 -63.1
fwAVG=3.74
sdW=41.1
fwW=3.58
sdS=21.4
fwS=3.69
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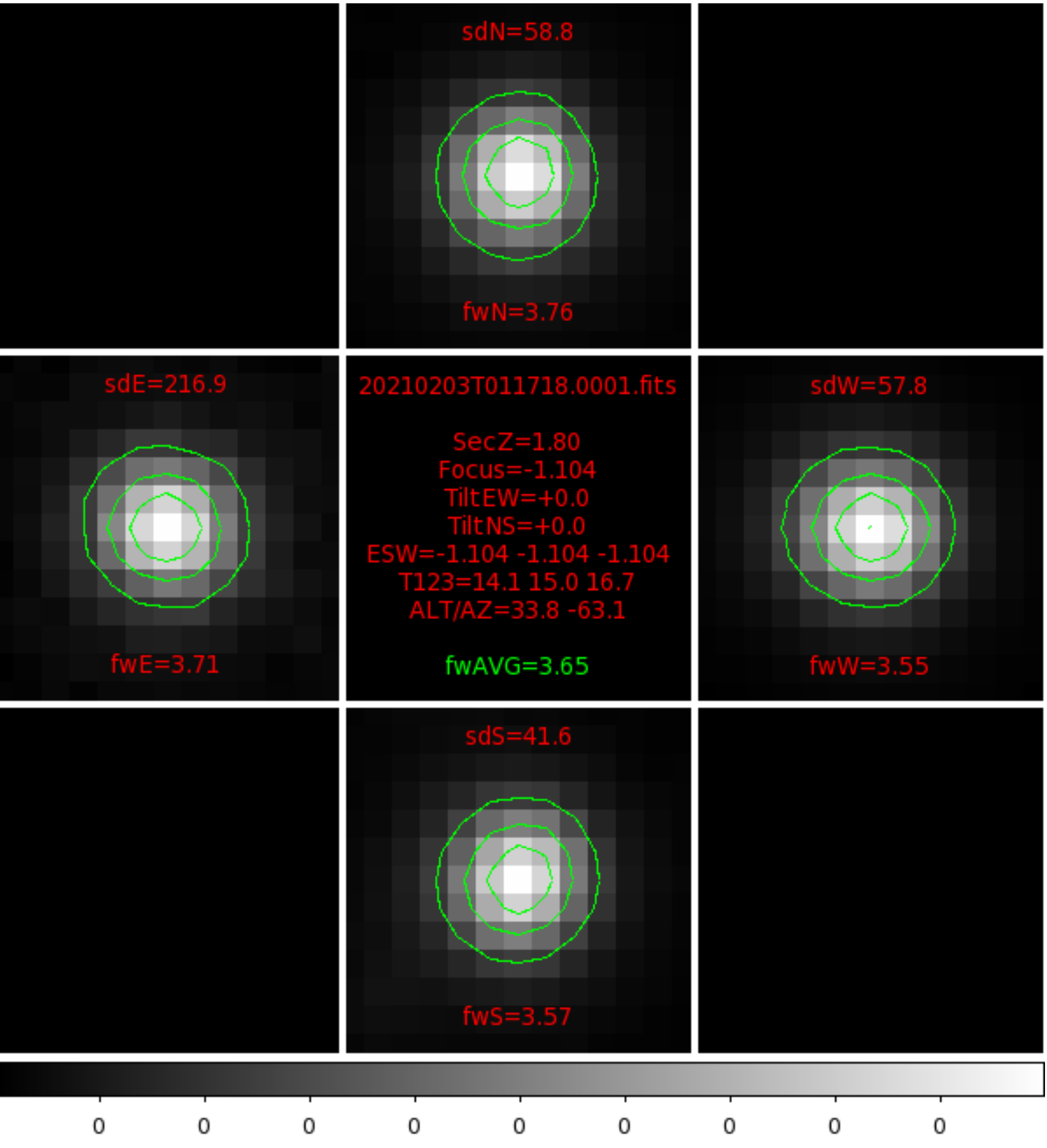
sdN=58.8
fwN=3.76
sdE=216.9
fwE=3.71
20210203T011718.0001.fits
SecZ=1.80
Focus=-1.104
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.104 -1.104 -1.104
T123=14.1 15.0 16.7
ALT/AZ=33.8 -63.1
fwAVG=3.65
sdW=57.8
fwW=3.55
sdS=41.6
fwS=3.57
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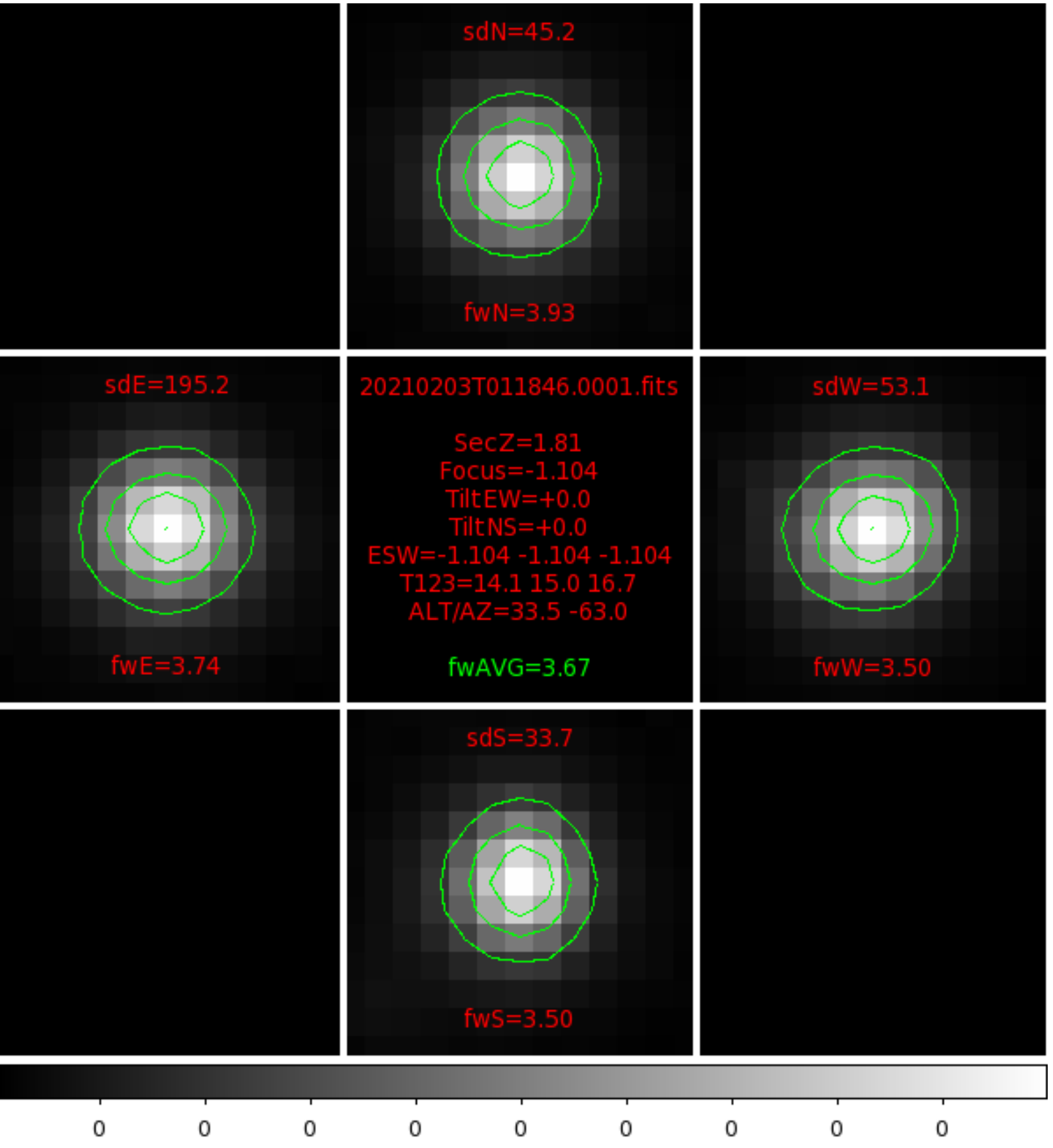
sdN=45.2
fwN=3.93
sdE=195.2
fwE=3.74
20210203T011846.0001.fits
SecZ=1.81
Focus=-1.104
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.104 -1.104 -1.104
T123=14.1 15.0 16.7
ALT/AZ=33.5 -63.0
fwAVG=3.67
sdW=53.1
fwW=3.50
sdS=33.7
fwS=3.50
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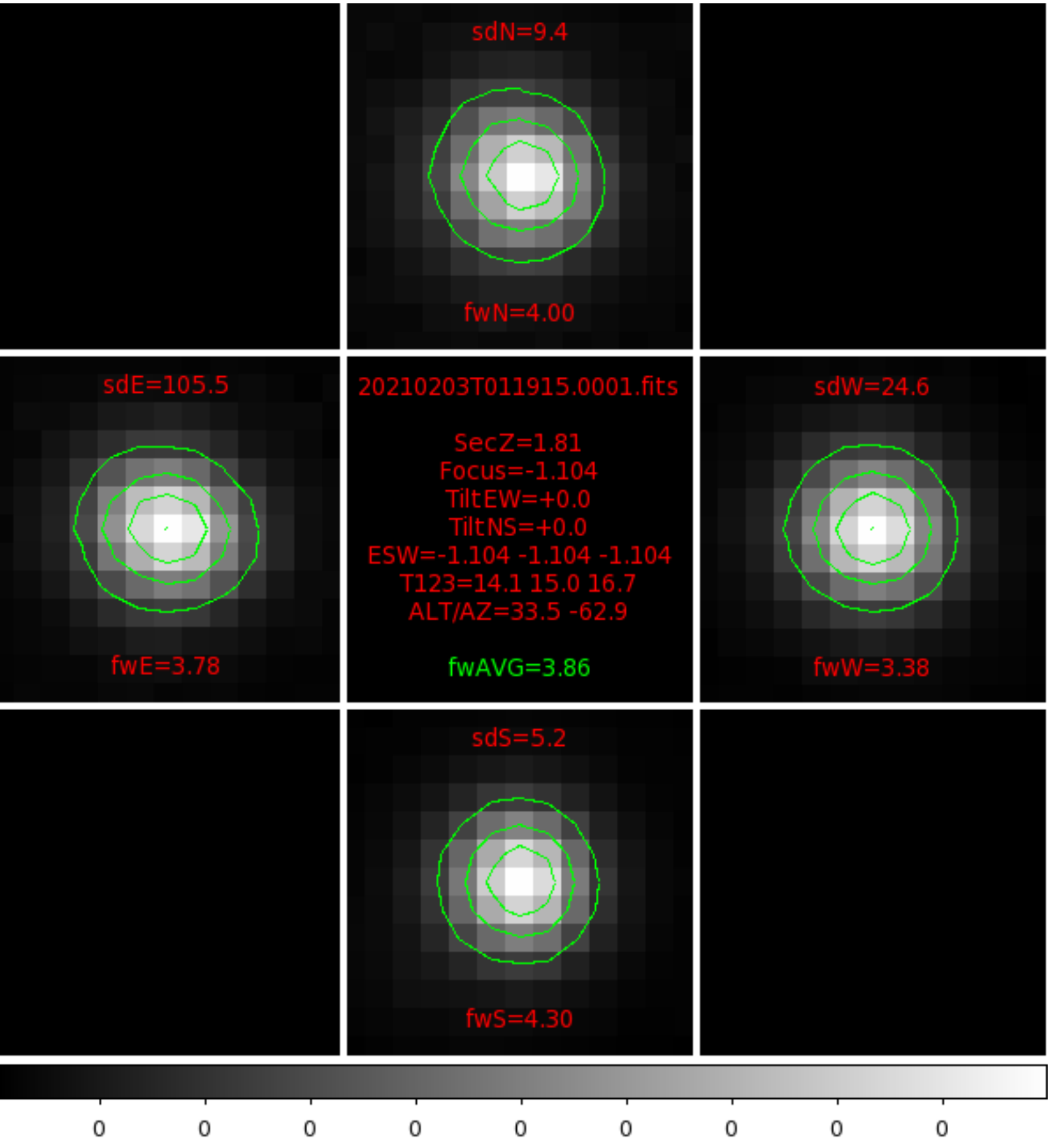
sdN=9.4
fwN=4.00
sdE=105.5
fwE=3.78
20210203T011915.0001.fits
SecZ=1.81
Focus=-1.104
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.104 -1.104 -1.104
T123=14.1 15.0 16.7
ALT/AZ=33.5 -62.9
fwAVG=3.86
sdW=24.6
fwW=3.38
sdS=5.2
fwS=4.30
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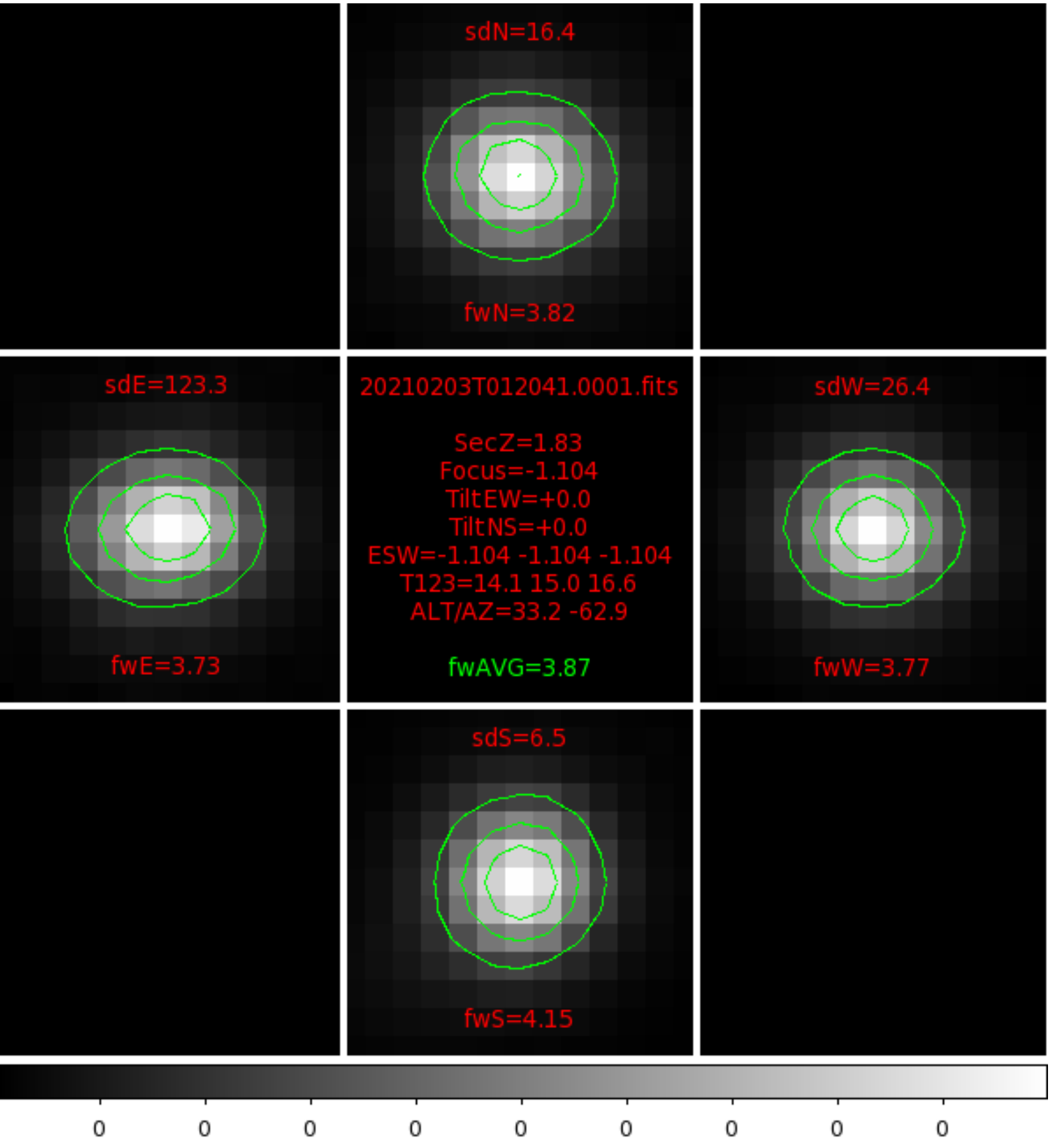
sdN=16.4
fwN=3.82
sdE=123.3
fwE=3.73
20210203T012041.0001.fits
SecZ=1.83
Focus=-1.104
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.104 -1.104 -1.104
T123=14.1 15.0 16.6
ALT/AZ=33.2 -62.9
fwAVG=3.87
sdW=26.4
fwW=3.77
sdS=6.5
fwS=4.15
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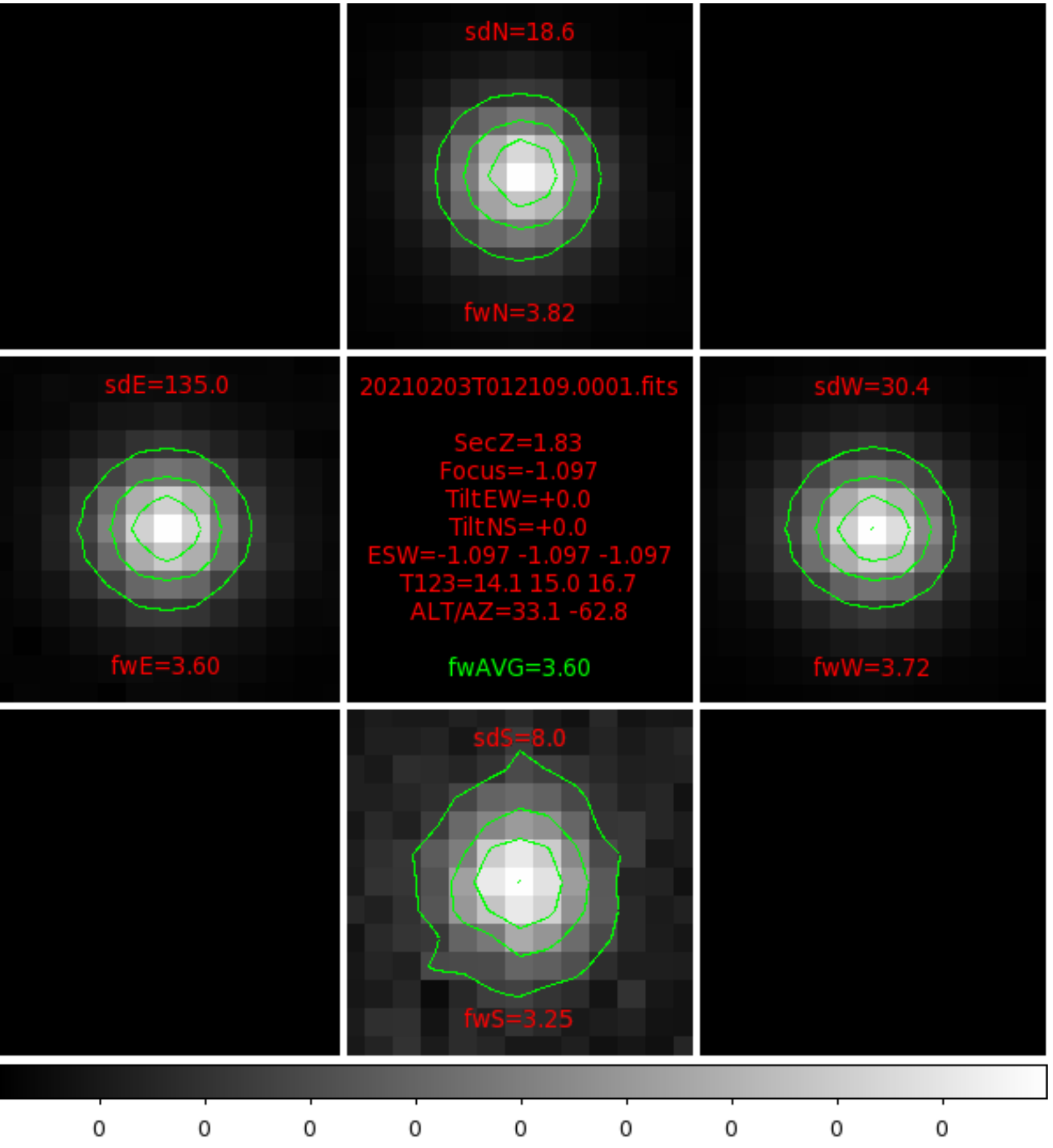
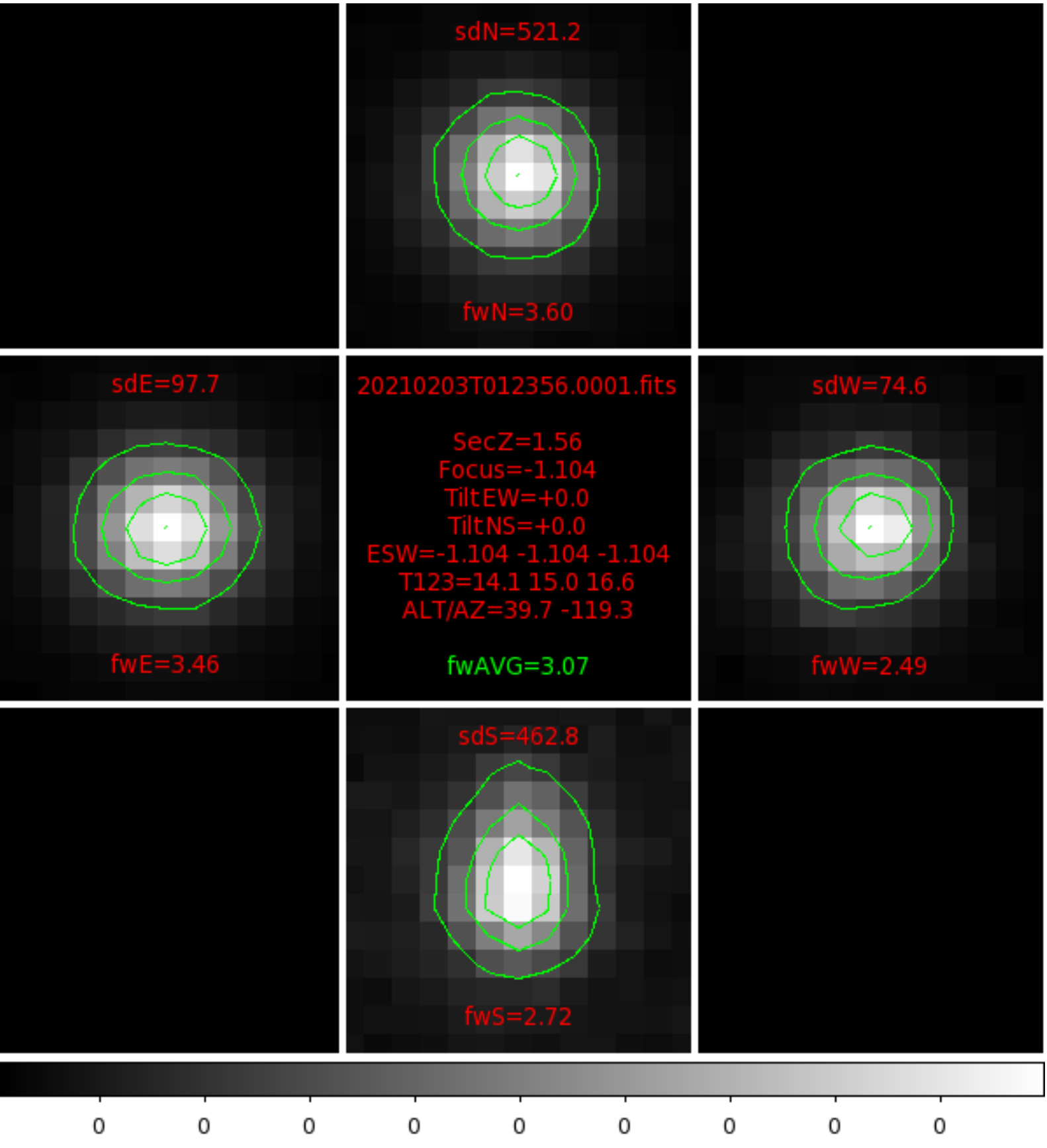

sdN=18.6
fwN=3.82
sdE=135.0
fwE=3.60
20210203T012109.0001.fits
SecZ=1.83
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.1 15.0 16.7
ALT/AZ=33.1 -62.8
fwAVG=3.60
sdW=30.4
fwW=3.72
sdS=8.0
fwS=3.25
0 0 0 0 0 0 0 0 0


sdN=521.2
fwN=3.60
sdE=97.7
fwE=3.46
20210203T012356.0001.fits
SecZ=1.56
Focus=-1.104
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.104 -1.104 -1.104
T123=14.1 15.0 16.6
ALT/AZ=39.7 -119.3
fwAVG=3.07
sdW=74.6
fwW=2.49
sdS=462.8
fwS=2.72
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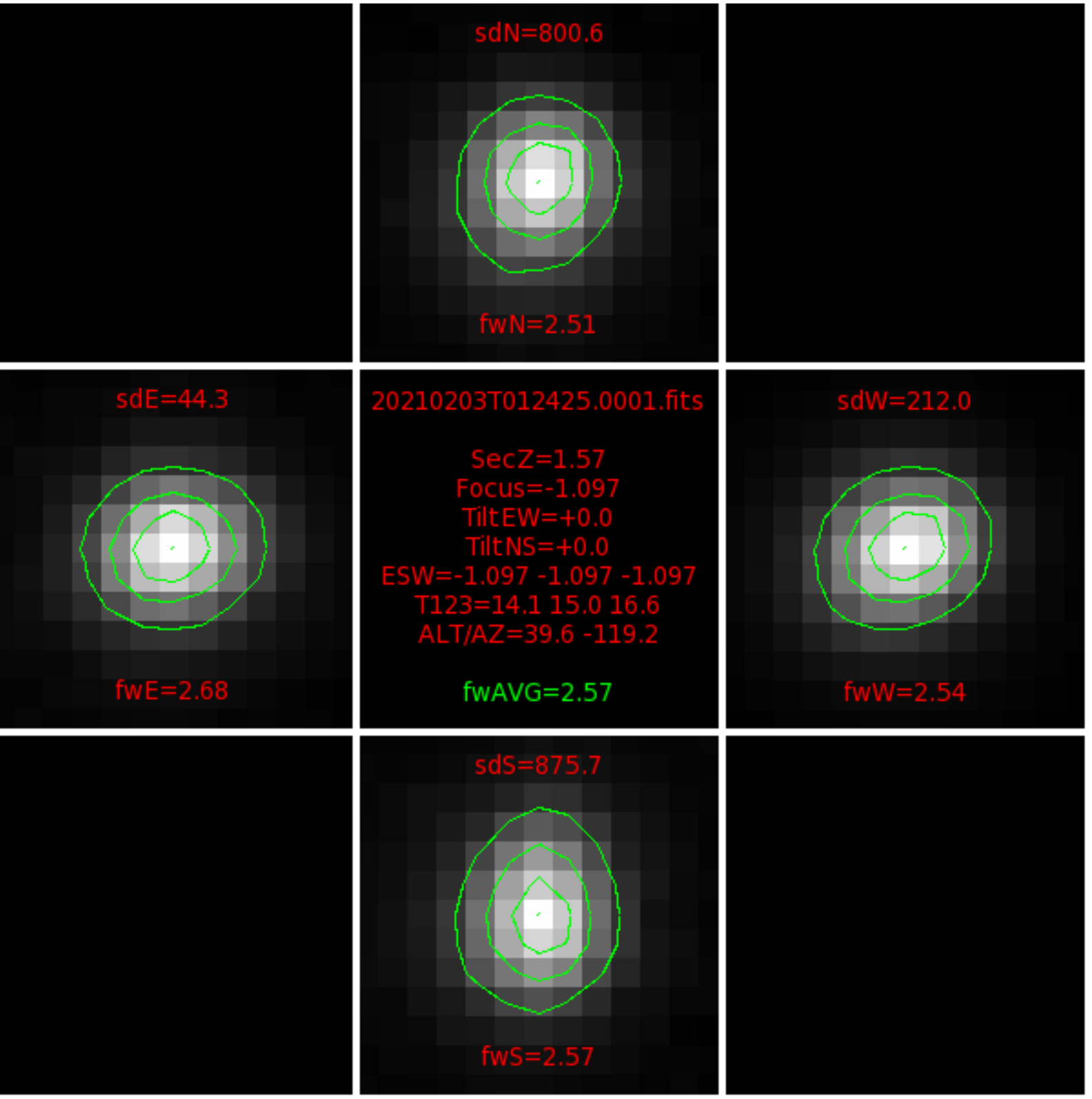
sdN=800.6
fwN=2.51
sdE=44.3
fwE=2.68
20210203T012425.0001.fits
SecZ=1.57
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.1 15.0 16.6
ALT/AZ=39.6 -119.2
fwAVG=2.57
sdW=212.0
fwW=2.54
sdS=875.7
fwS=2.57
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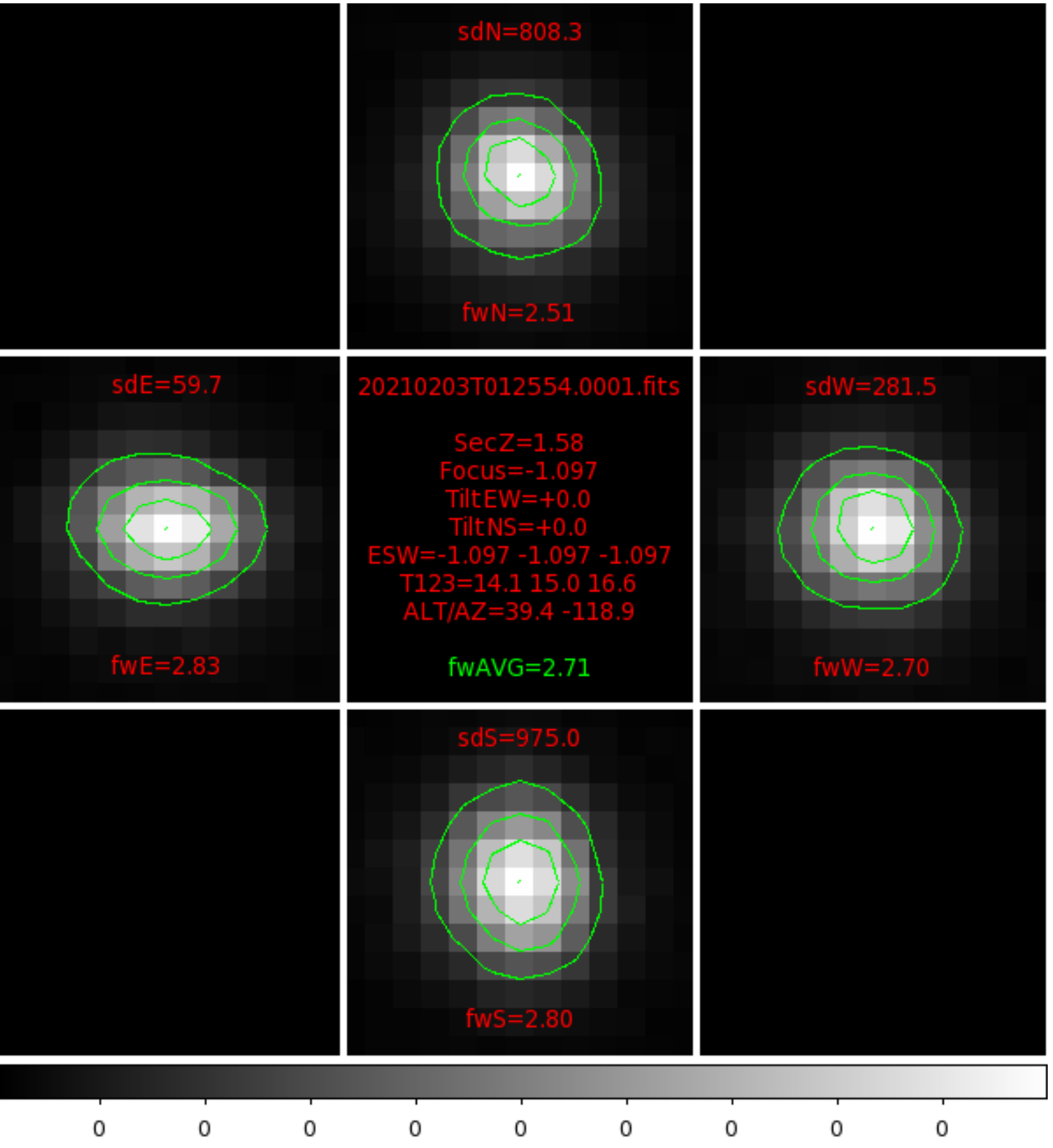
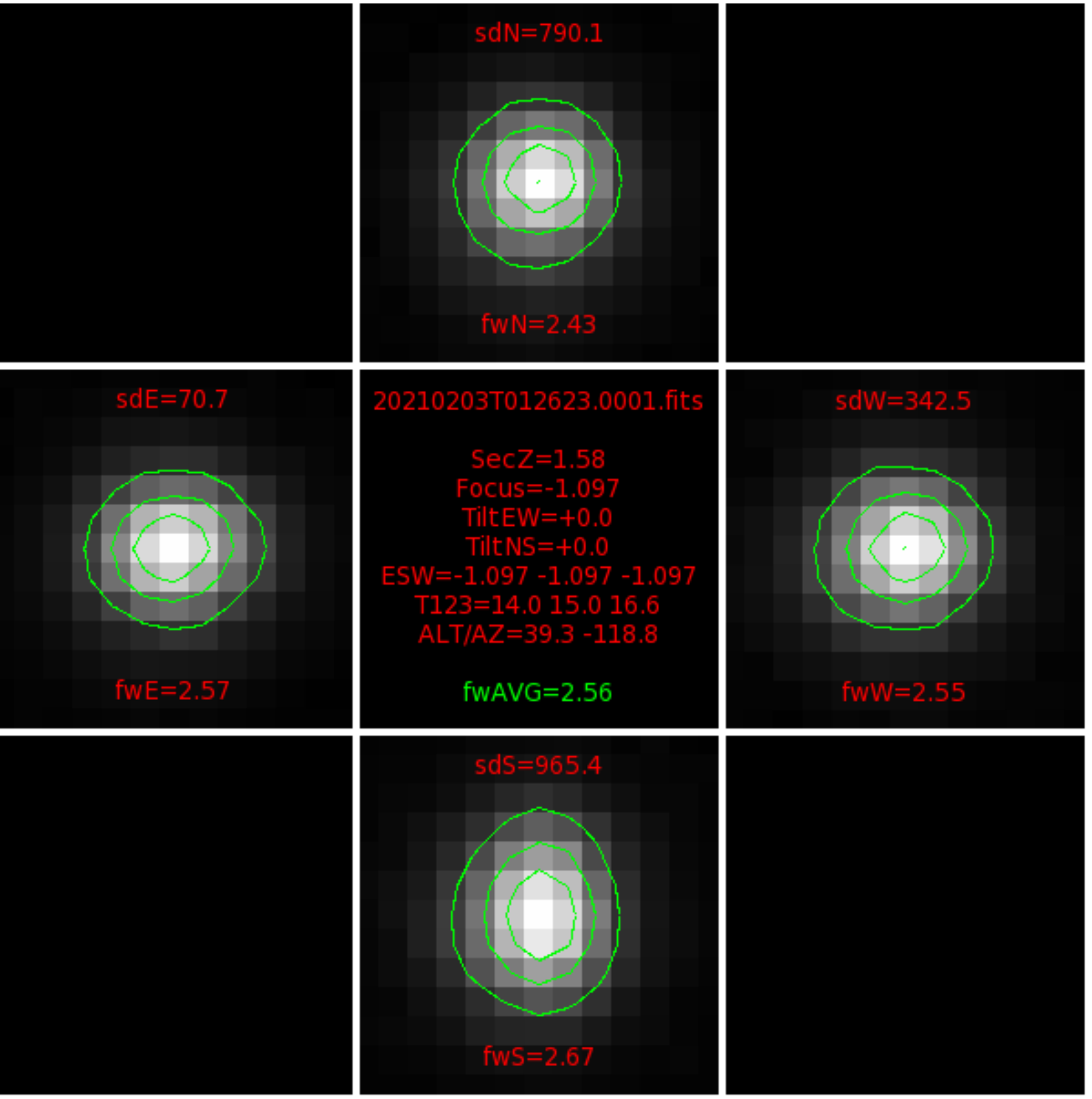

sdN=808.3
fwN=2.51
sdE=59.7
fwE=2.83
20210203T012554.0001.fits
SecZ=1.58
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.1 15.0 16.6
ALT/AZ=39.4 -118.9
fwAVG=2.71
sdW=281.5
fwW=2.70
sdS=975.0
fwS=2.80
0 0 0 0 0 0 0 0 0


sdN=790.1
fwN=2.43
sdE=70.7
fwE=2.57
20210203T012623.0001.fits
SecZ=1.58
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.0 15.0 16.6
ALT/AZ=39.3 -118.8
fwAVG=2.56
sdW=342.5
fwW=2.55
sdS=965.4
fwS=2.67
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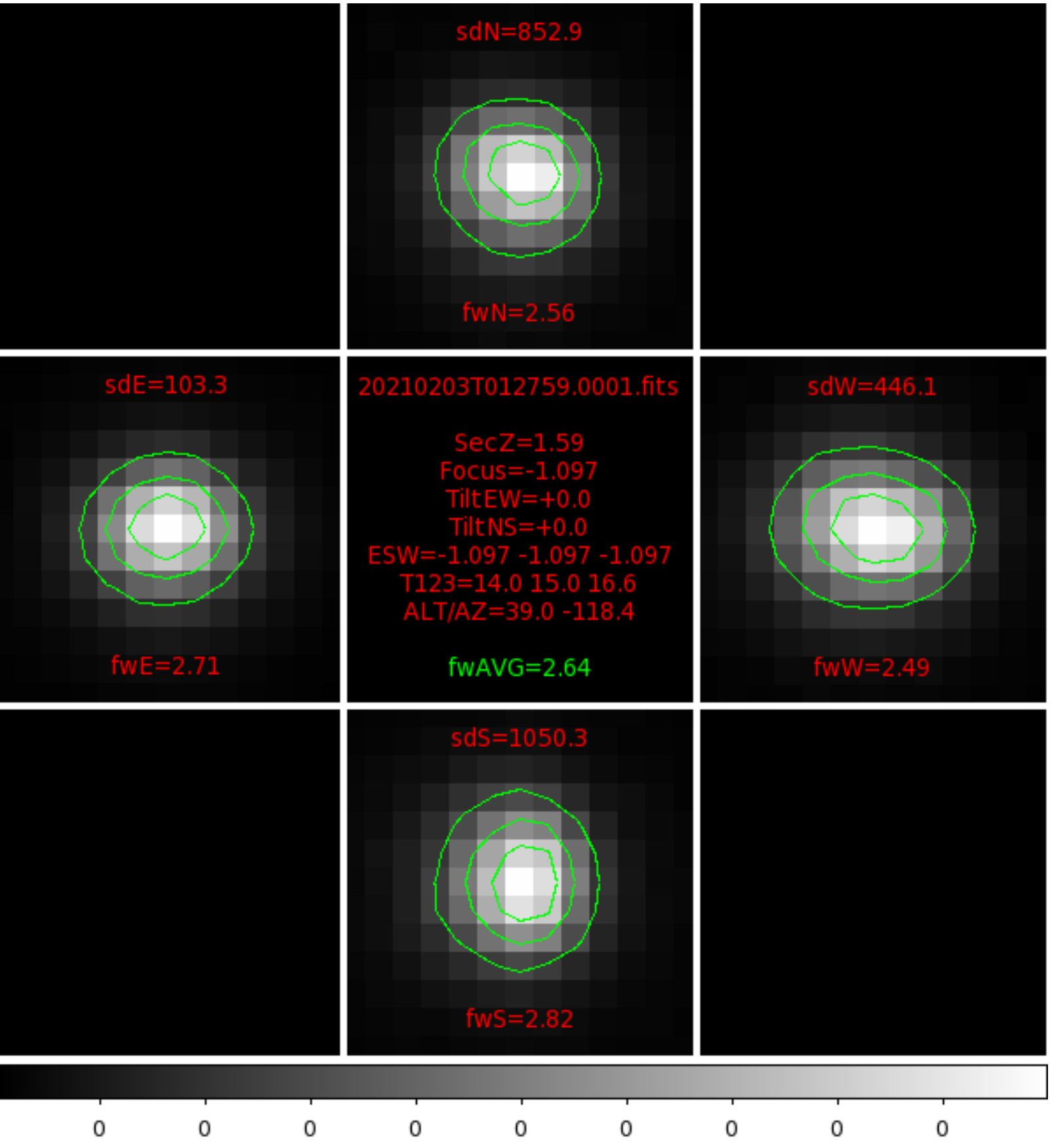
sdN=852.9
fwN=2.56
sdE=103.3
fwE=2.71
20210203T012759.0001.fits
SecZ=1.59
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.0 15.0 16.6
ALT/AZ=39.0 -118.4
fwAVG=2.64
sdW=446.1
fwW=2.49
sdS=1050.3
fwS=2.82
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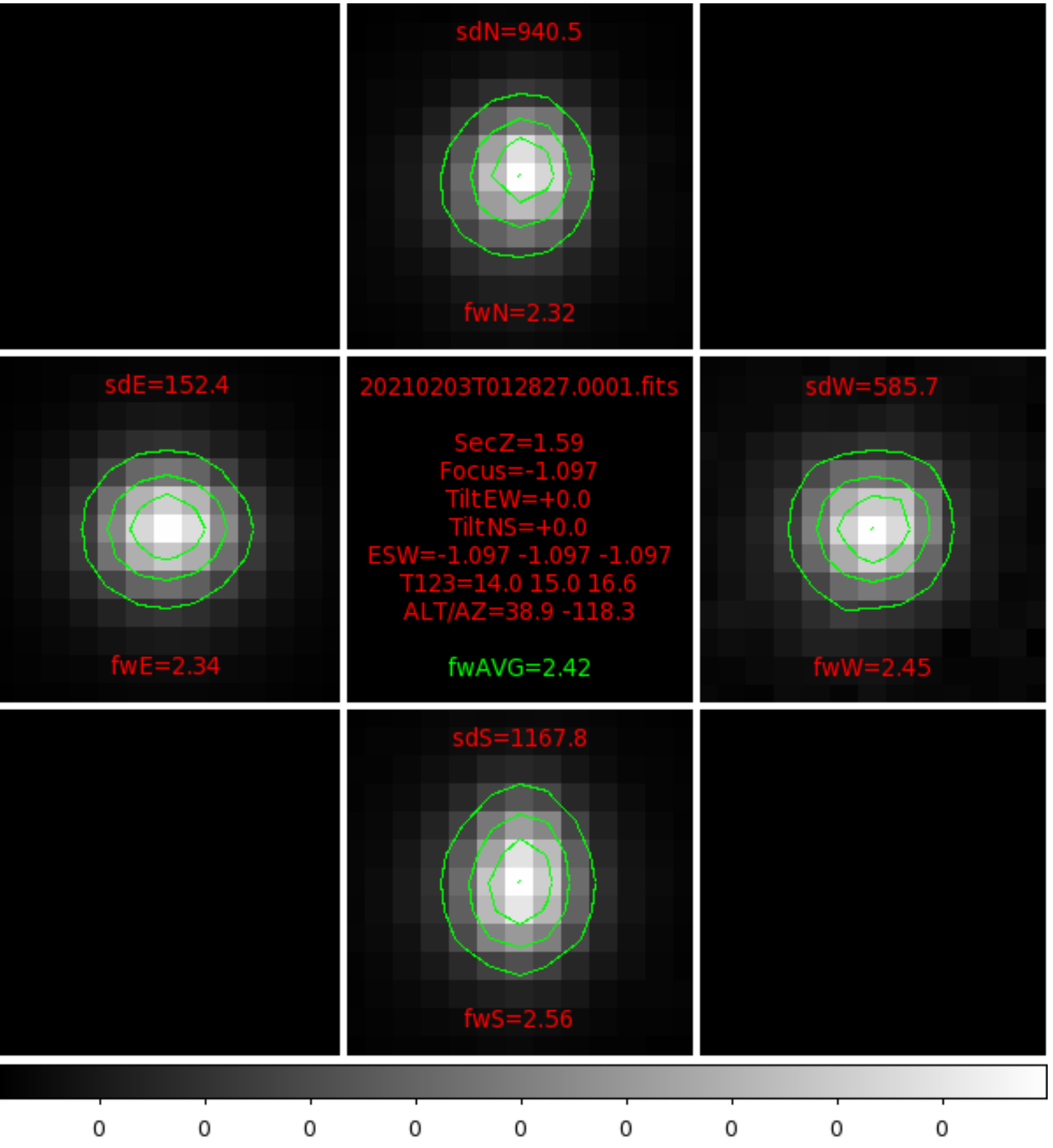
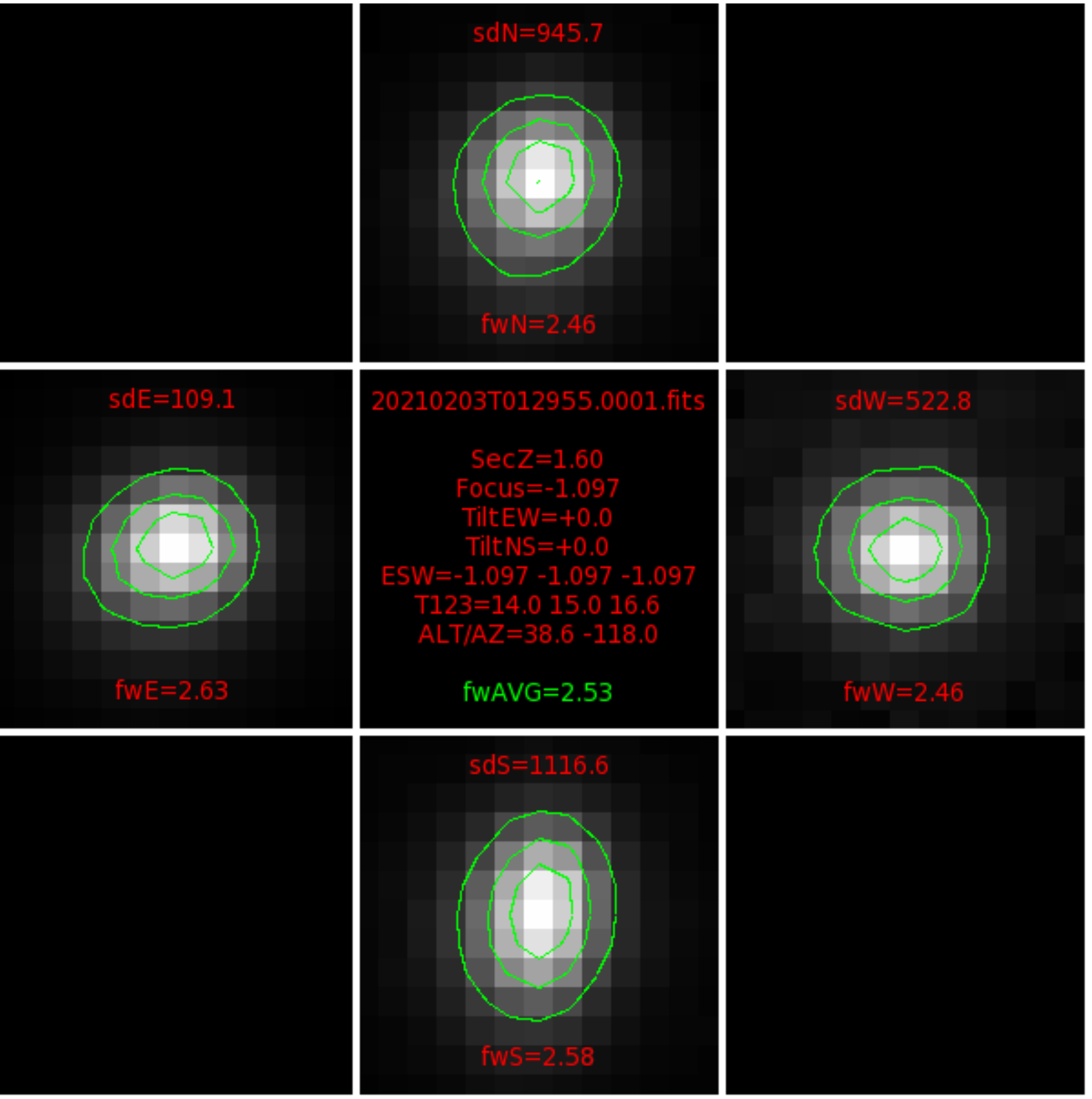

sdN=940.5
fwN=2.32
sdE=152.4
fwE=2.34
20210203T012827.0001.fits
SecZ=1.59
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.0 15.0 16.6
ALT/AZ=38.9 -118.3
fwAVG=2.42
sdW=585.7
fwW=2.45
sdS=1167.8
fwS=2.56
0 0 0 0 0 0 0 0 0


sdN=945.7
fwN=2.46
sdE=109.1
fwE=2.63
20210203T012955.0001.fits
SecZ=1.60
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.0 15.0 16.6
ALT/AZ=38.6 -118.0
fwAVG=2.53
sdW=522.8
fwW=2.46
sdS=1116.6
fwS=2.58
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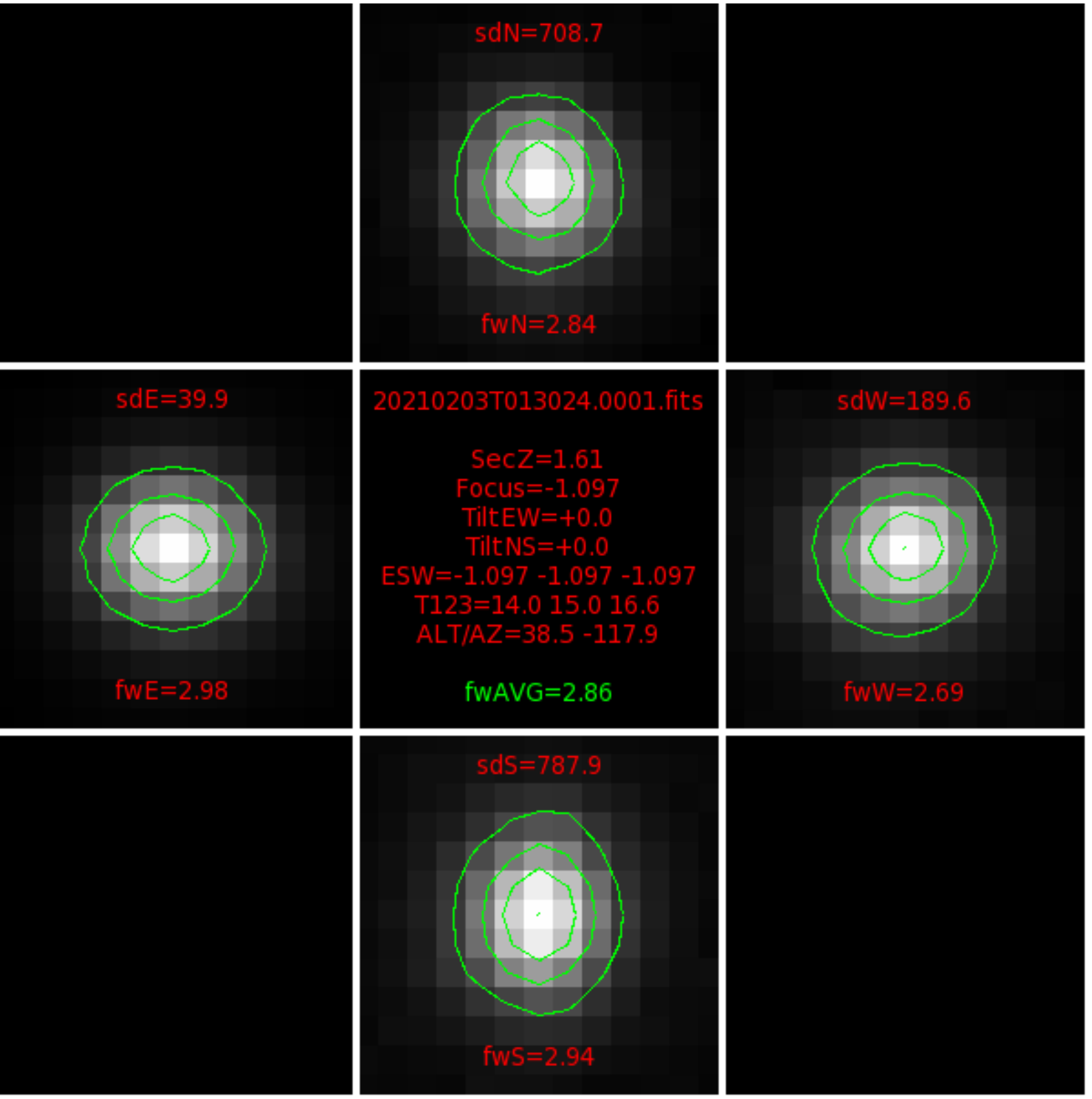
sdN=708.7
fwN=2.84
sdE=39.9
fwE=2.98
20210203T013024.0001.fits
SecZ=1.61
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.0 15.0 16.6
ALT/AZ=38.5 -117.9
fwAVG=2.86
sdW=189.6
fwW=2.69
sdS=787.9
fwS=2.94
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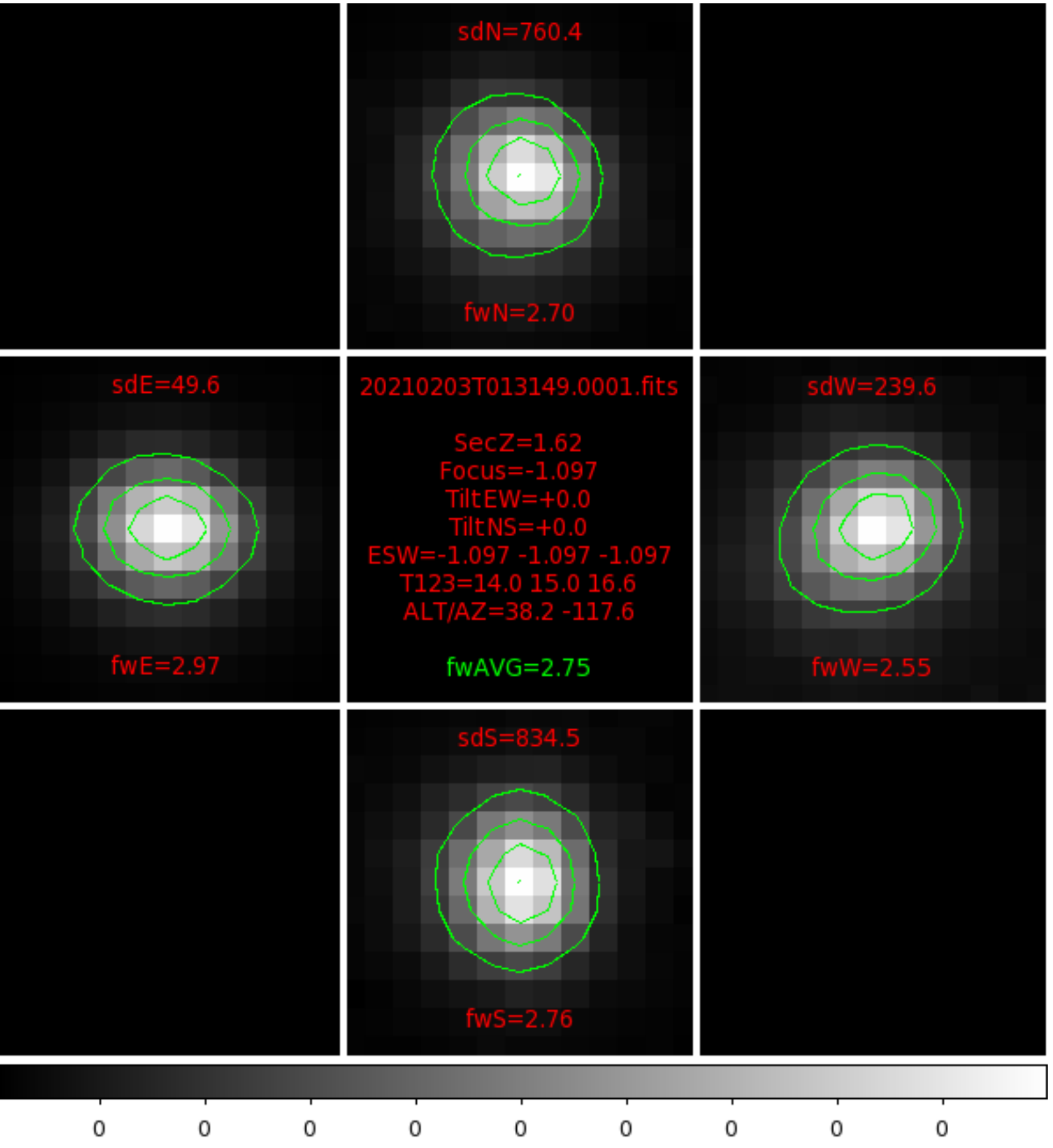
sdN=760.4
fwN=2.70
sdE=49.6
fwE=2.97
20210203T013149.0001.fits
SecZ=1.62
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.0 15.0 16.6
ALT/AZ=38.2 -117.6
fwAVG=2.75
sdW=239.6
fwW=2.55
sdS=834.5
fwS=2.76
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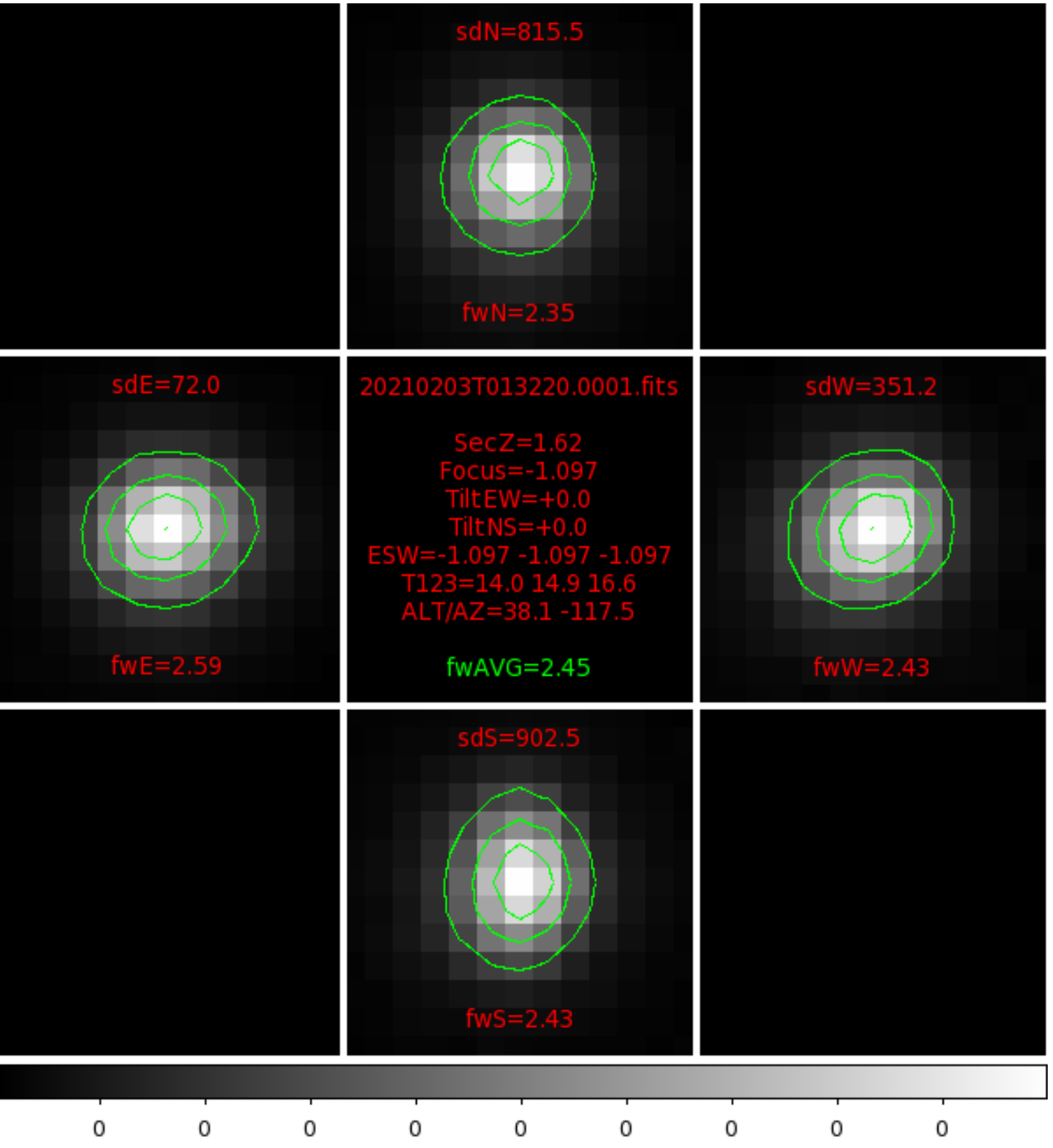
sdN=815.5
fwN=2.35
sdE=72.0
fwE=2.59
20210203T013220.0001.fits
SecZ=1.62
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.0 14.9 16.6
ALT/AZ=38.1 -117.5
fwAVG=2.45
sdW=351.2
fwW=2.43
sdS=902.5
fwS=2.43
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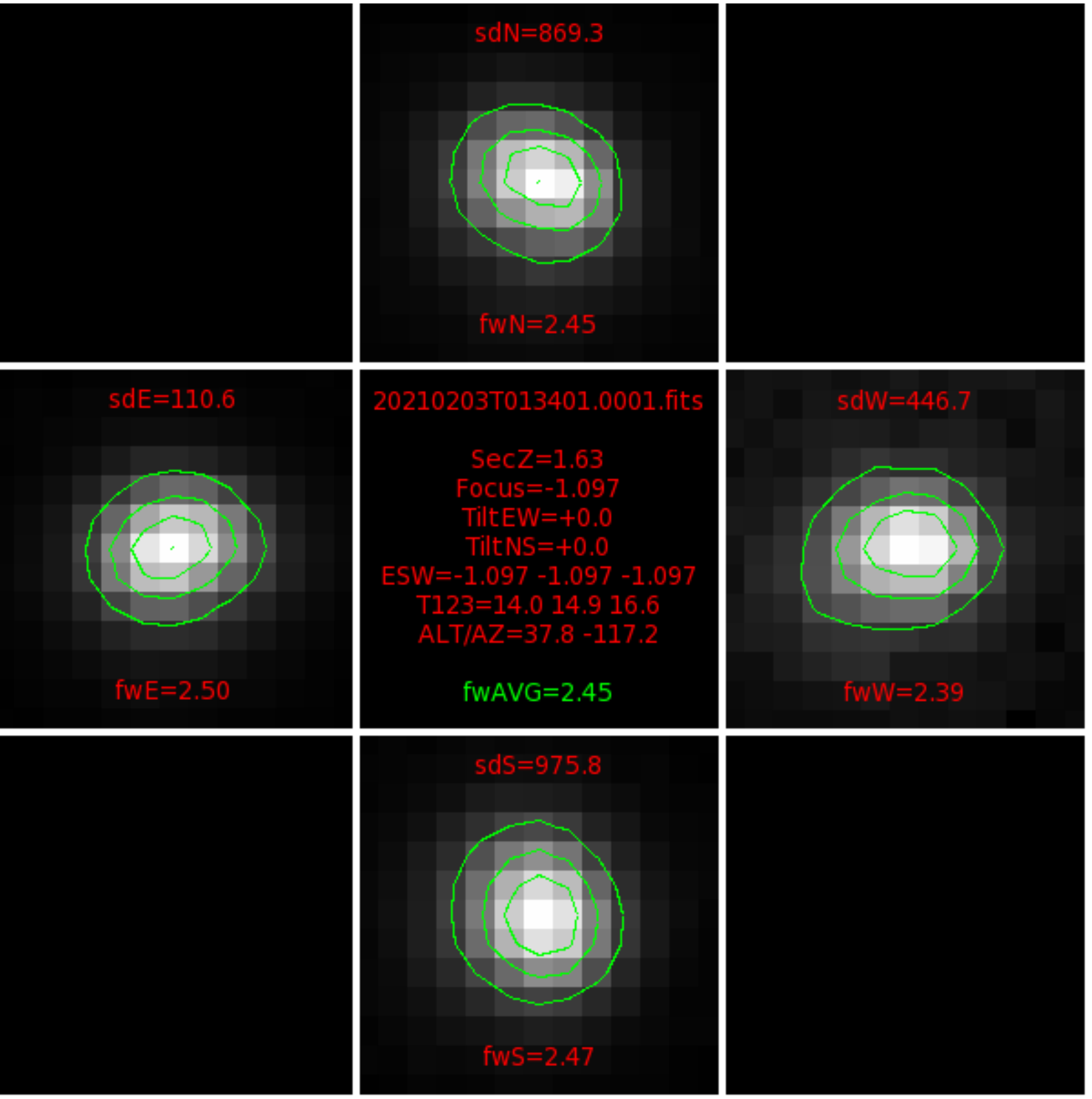
sdN=869.3
fwN=2.45
sdE=110.6
fwE=2.50
20210203T013401.0001.fits
SecZ=1.63
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.0 14.9 16.6
ALT/AZ=37.8 -117.2
fwAVG=2.45
sdW=446.7
fwW=2.39
sdS=975.8
fwS=2.47
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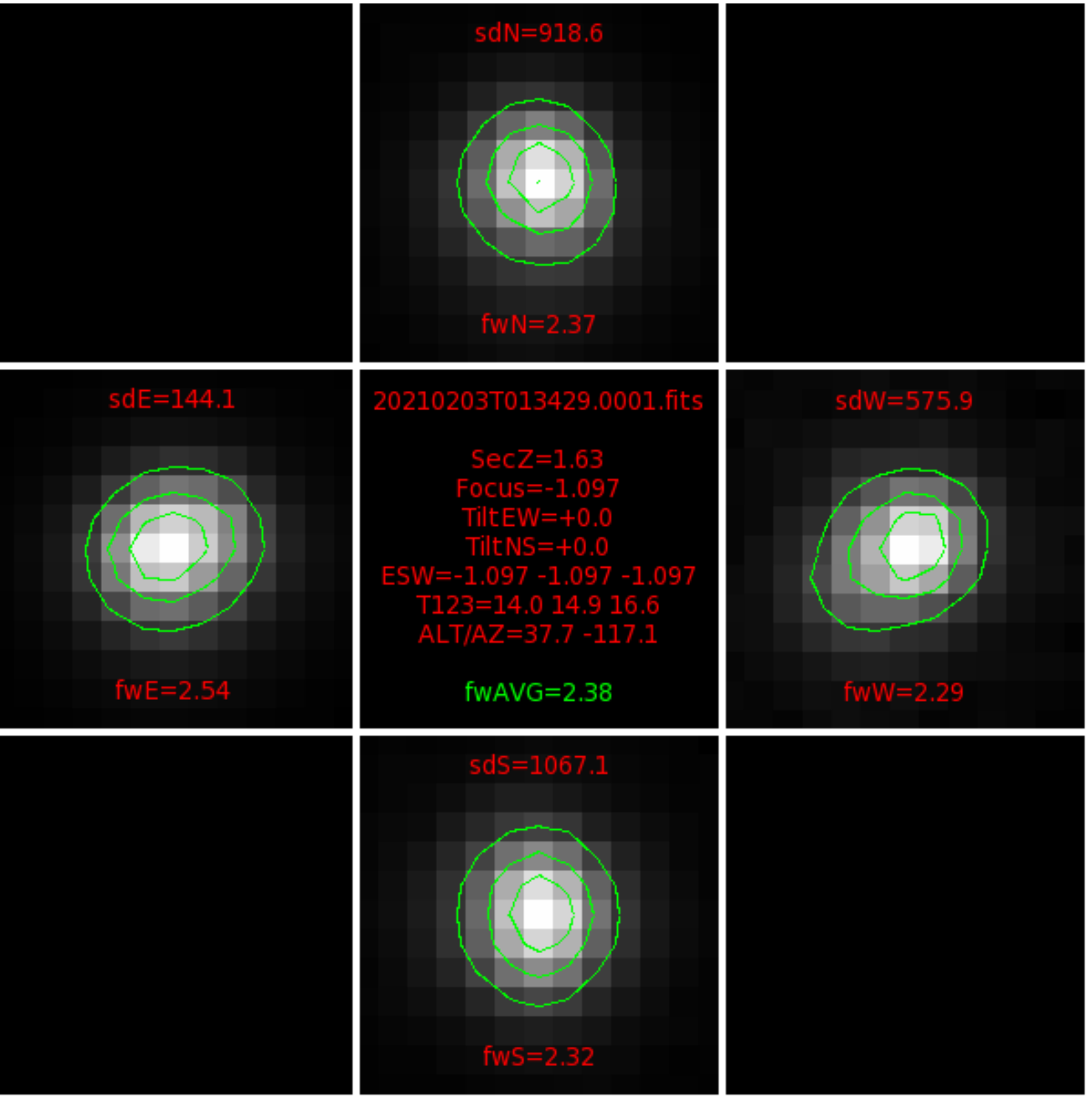
sdN=918.6
fwN=2.37
sdE=144.1
fwE=2.54
20210203T013429.0001.fits
SecZ=1.63
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.0 14.9 16.6
ALT/AZ=37.7 -117.1
fwAVG=2.38
sdW=575.9
fwW=2.29
sdS=1067.1
fwS=2.32
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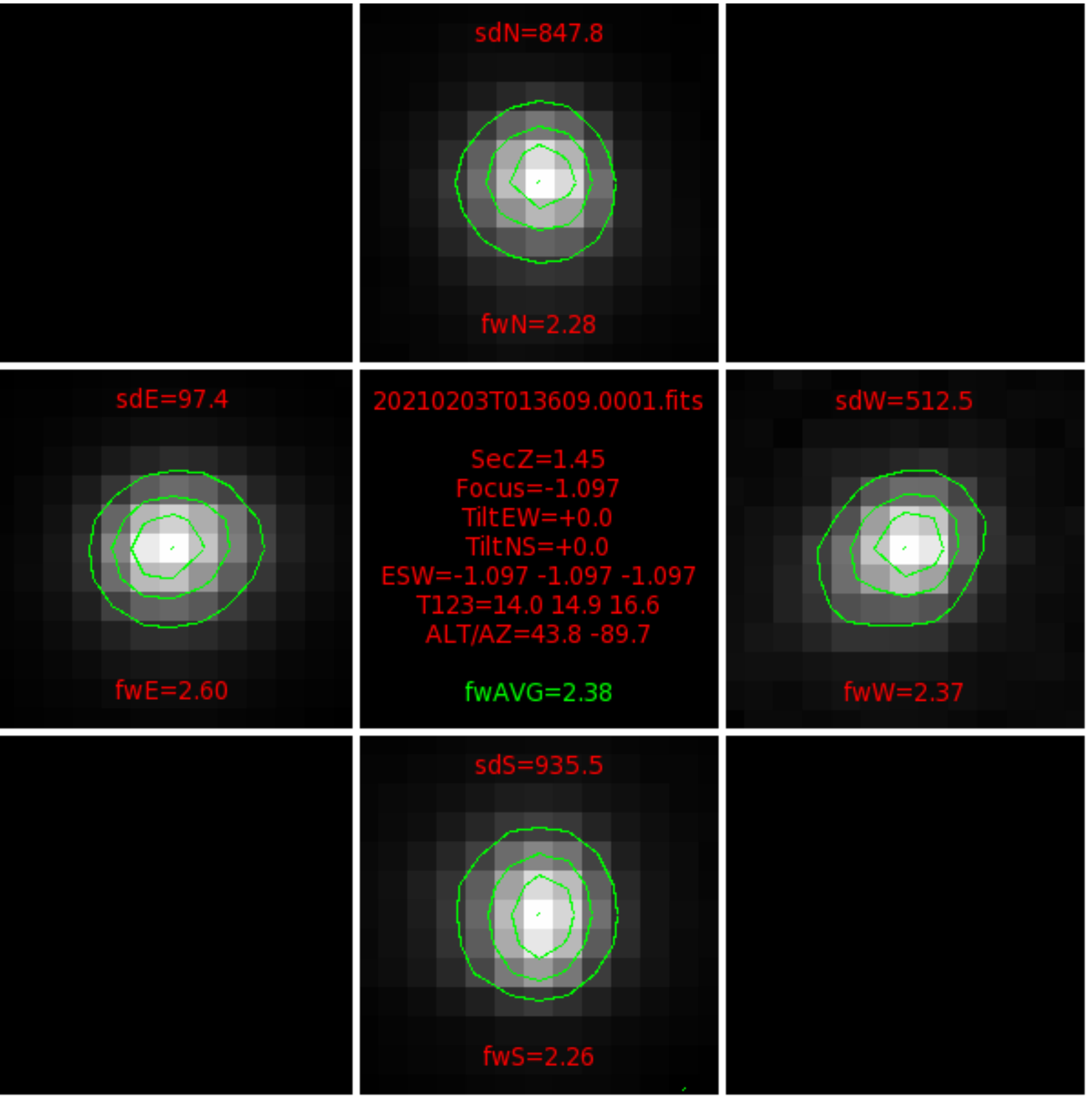
sdN=847.8
fwN=2.28
sdE=97.4
fwE=2.60
20210203T013609.0001.fits
SecZ=1.45
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.0 14.9 16.6
ALT/AZ=43.8 -89.7
fwAVG=2.38
sdW=512.5
fwW=2.37
sdS=935.5
fwS=2.26
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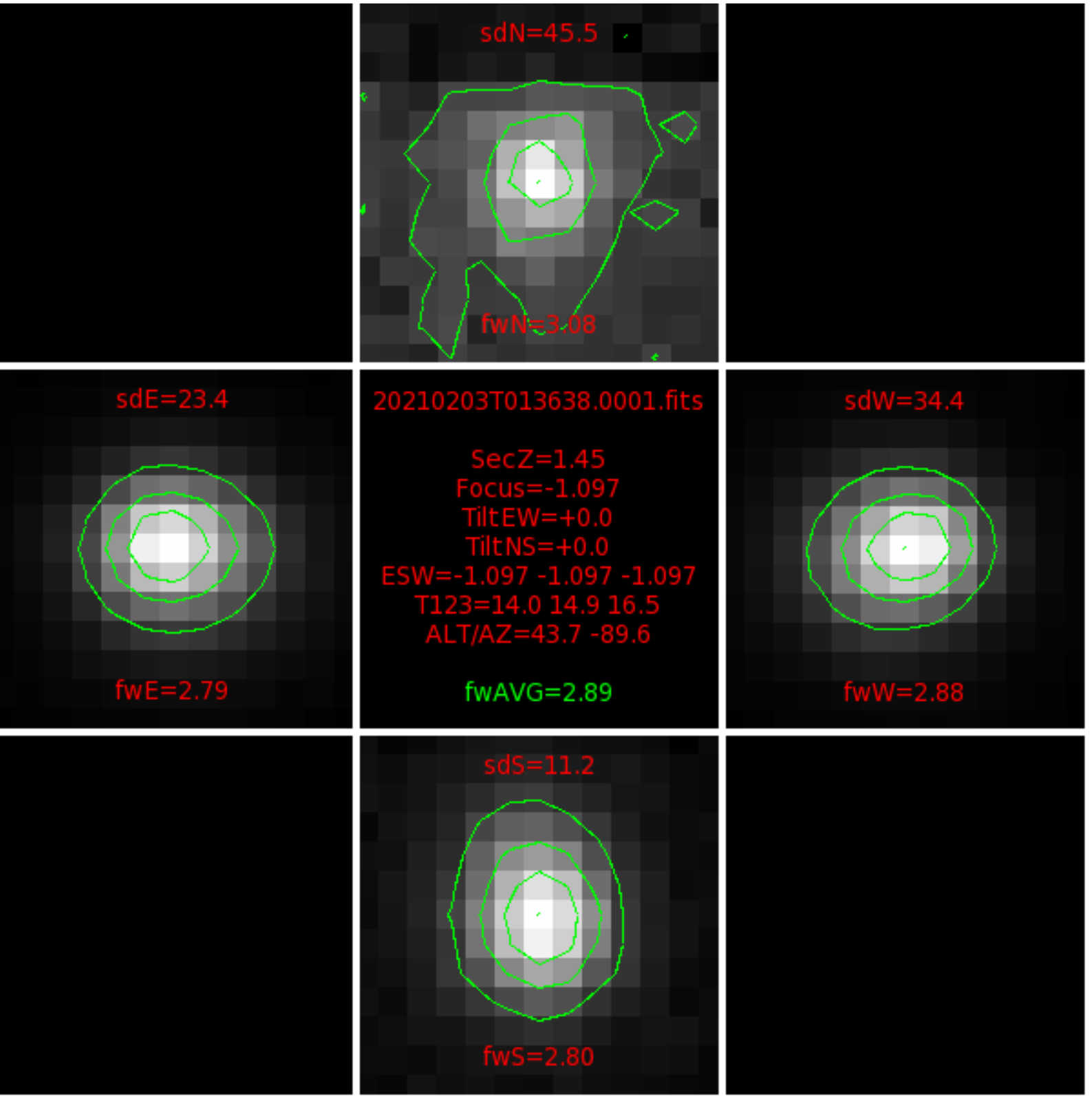
sdN=45.5
fwN=3.08
sdE=23.4
fwE=2.79
20210203T013638.0001.fits
SecZ=1.45
Focus=-1.097
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.097 -1.097 -1.097
T123=14.0 14.9 16.5
ALT/AZ=43.7 -89.6
fwAVG=2.89
sdW=34.4
fwW=2.88
sdS=11.2
fwS=2.80
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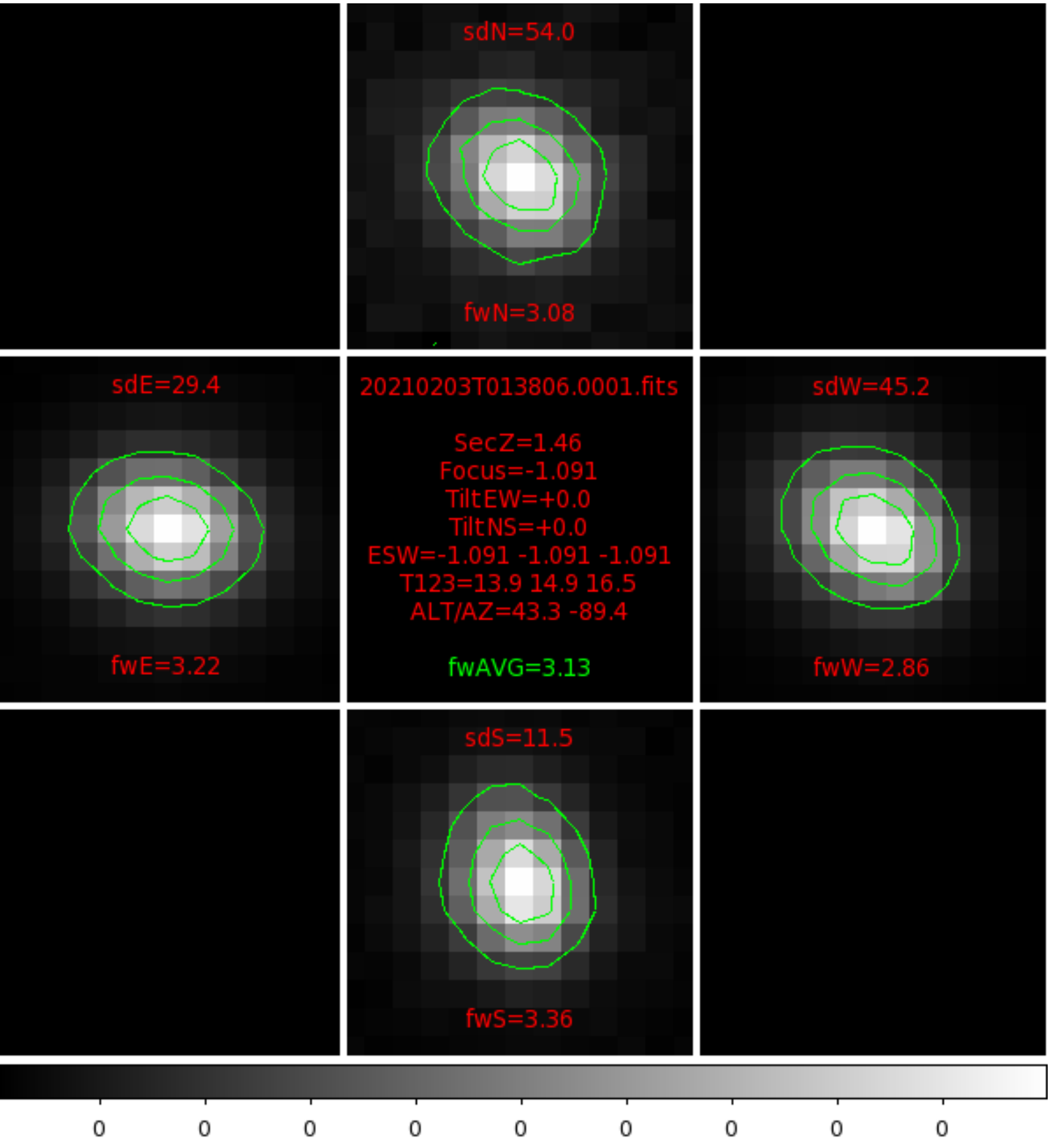
sdN=54.0
fwN=3.08
sdE=29.4
fwE=3.22
20210203T013806.0001.fits
SecZ=1.46
Focus=-1.091
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.091 -1.091 -1.091
T123=13.9 14.9 16.5
ALT/AZ=43.3 -89.4
fwAVG=3.13
sdW=45.2
fwW=2.86
sdS=11.5
fwS=3.36
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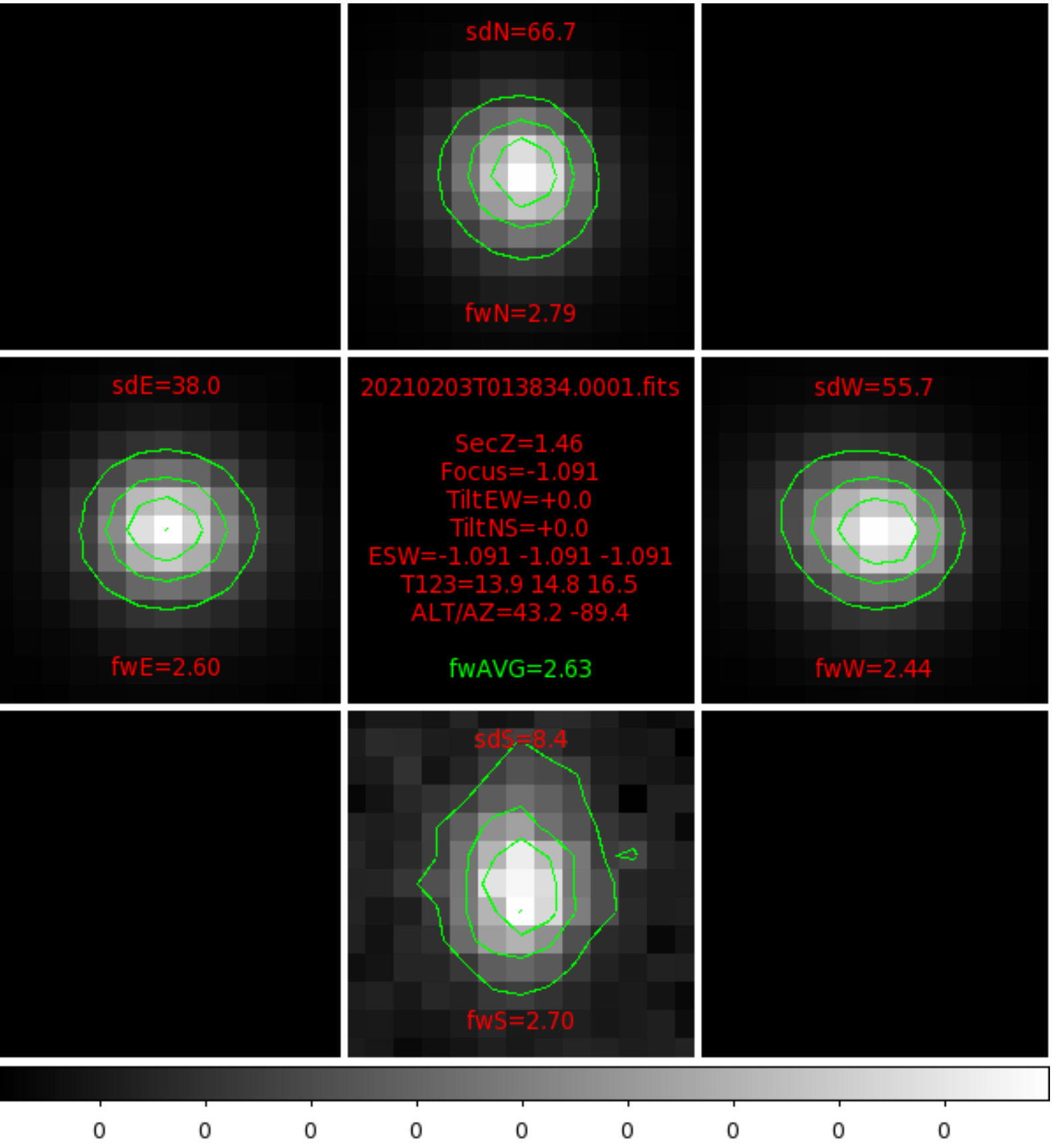
sdN=66.7
fwN=2.79
sdE=38.0
fwE=2.60
20210203T013834.0001.fits
SecZ=1.46
Focus=-1.091
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.091 -1.091 -1.091
T123=13.9 14.8 16.5
ALT/AZ=43.2 -89.4
fwAVG=2.63
sdW=55.7
fwW=2.44
sdS=8.4
fwS=2.70
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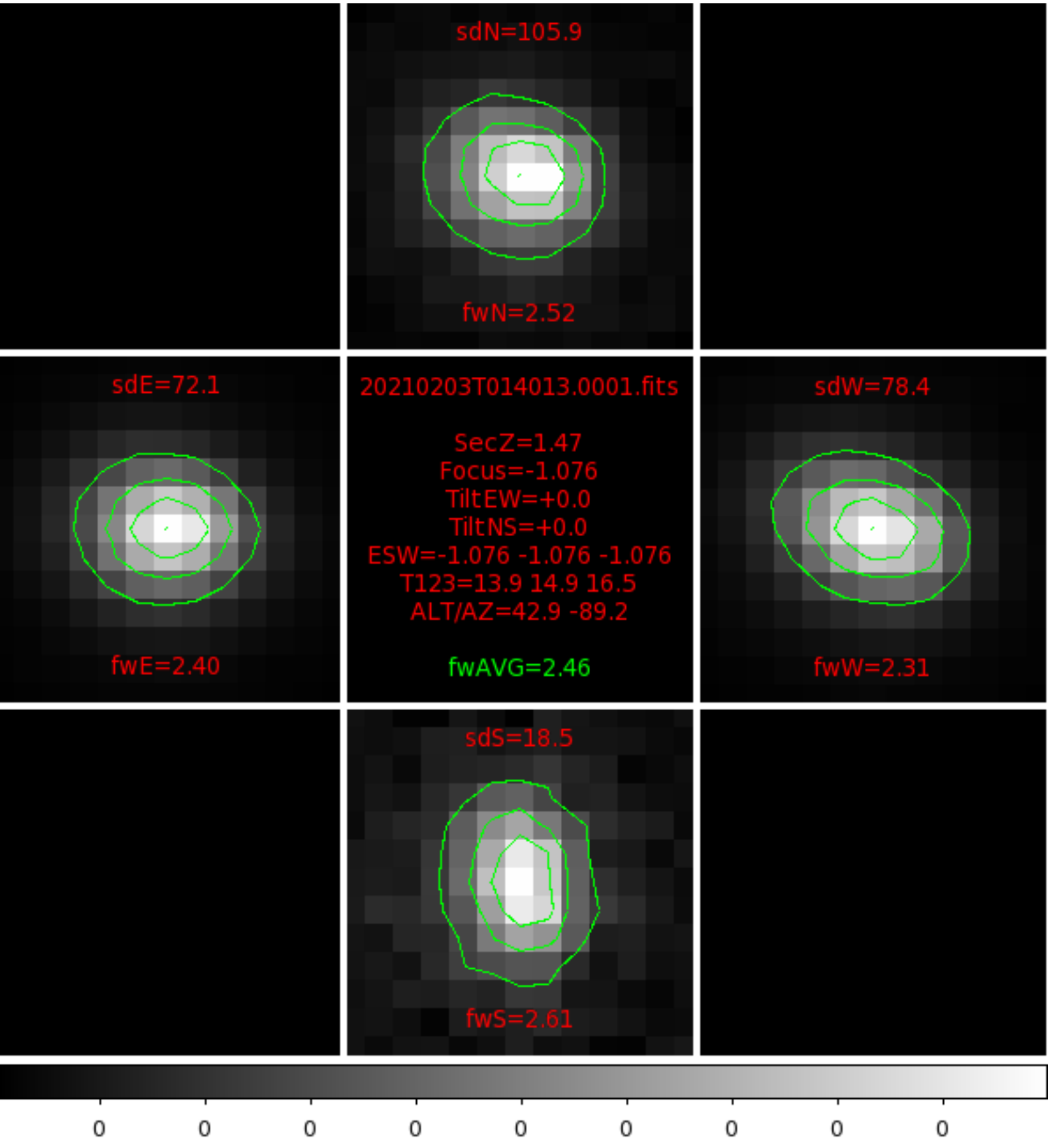
sdN=105.9
fwN=2.52
sdE=72.1
fwE=2.40
20210203T014013.0001.fits
SecZ=1.47
Focus=-1.076
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.076 -1.076 -1.076
T123=13.9 14.9 16.5
ALT/AZ=42.9 -89.2
fwAVG=2.46
sdW=78.4
fwW=2.31
sdS=18.5
fwS=2.61
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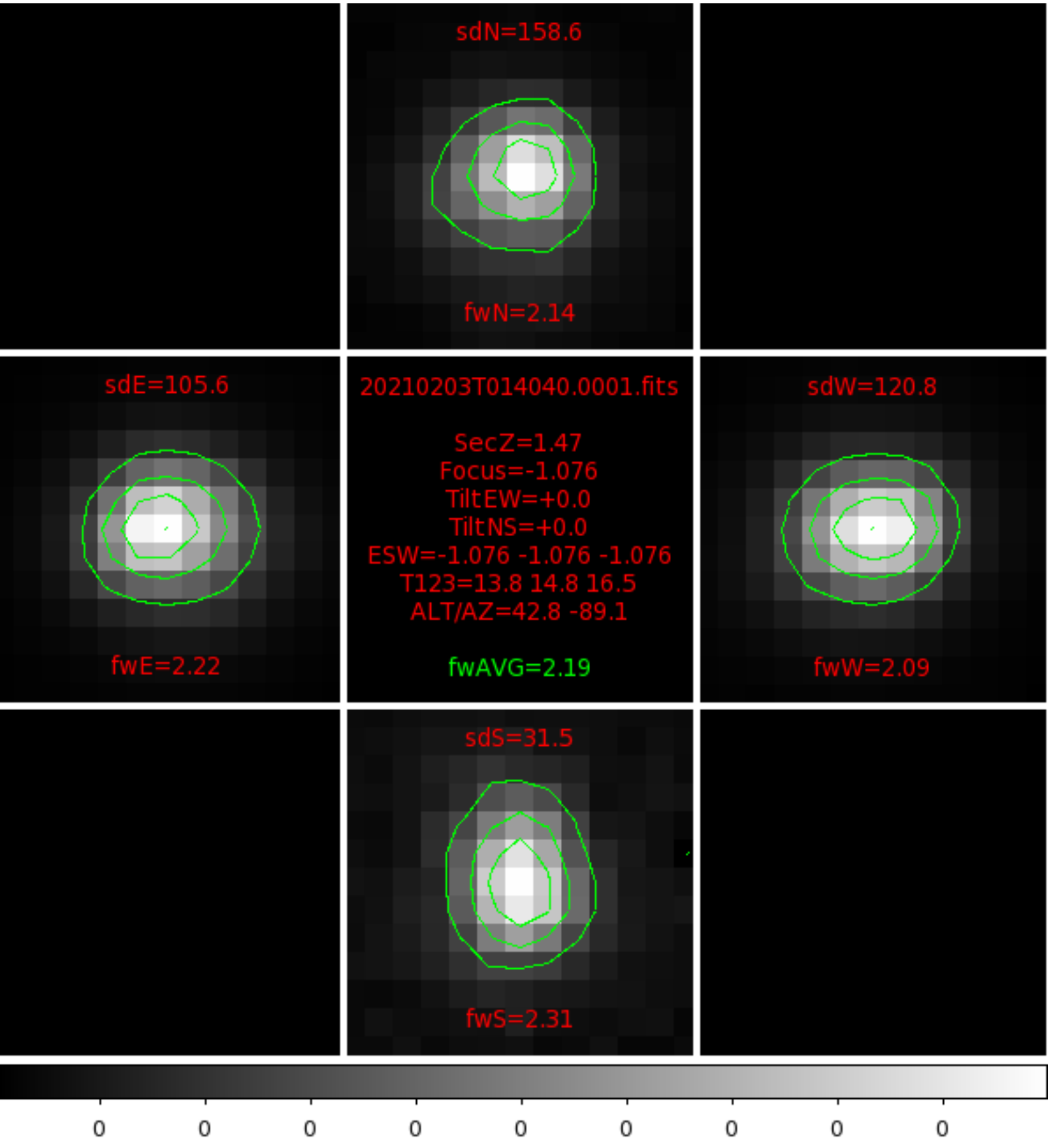
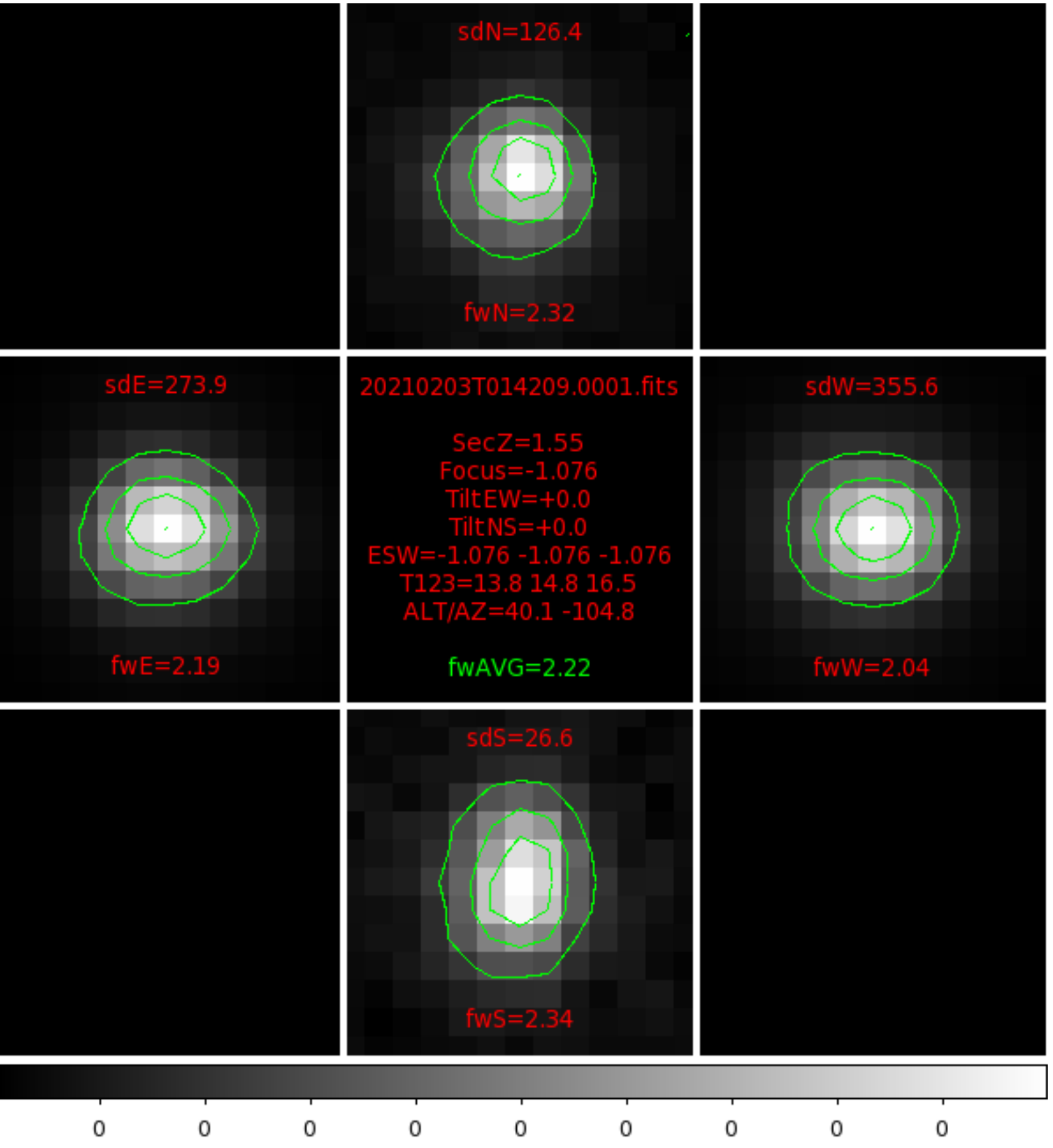

sdN=158.6
fwN=2.14
sdE=105.6
fwE=2.22
20210203T014040.0001.fits
SecZ=1.47
Focus=-1.076
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.076 -1.076 -1.076
T123=13.8 14.8 16.5
ALT/AZ=42.8 -89.1
fwAVG=2.19
sdW=120.8
fwW=2.09
sdS=31.5
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=126.4
fwN=2.32
sdE=273.9
fwE=2.19
20210203T014209.0001.fits
SecZ=1.55
Focus=-1.076
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.076 -1.076 -1.076
T123=13.8 14.8 16.5
ALT/AZ=40.1 -104.8
fwAVG=2.22
sdW=355.6
fwW=2.04
sdS=26.6
fwS=2.34
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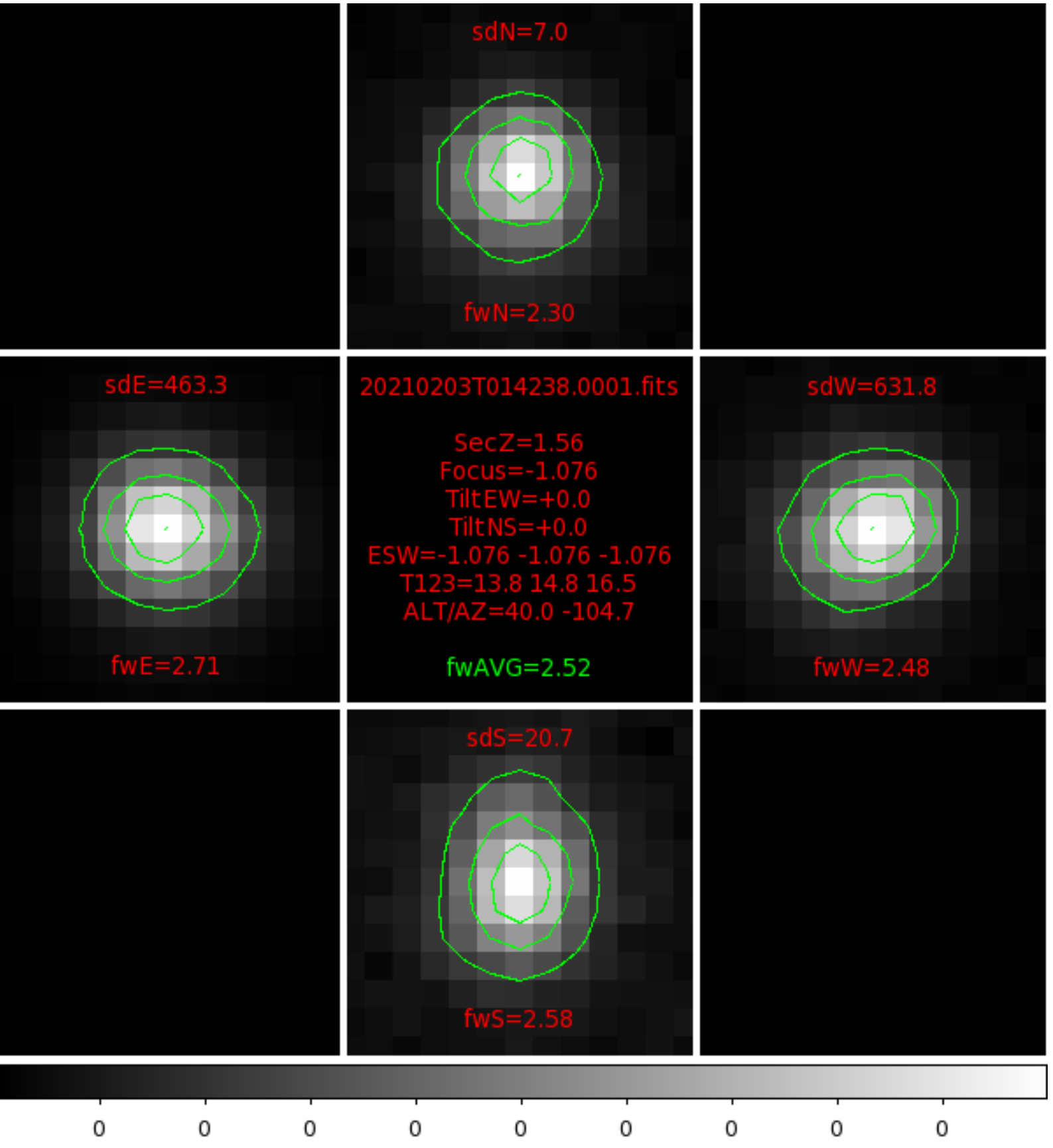
sdN=7.0
fwN=2.30
sdE=463.3
fwE=2.71
20210203T014238.0001.fits
SecZ=1.56
Focus=-1.076
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.076 -1.076 -1.076
T123=13.8 14.8 16.5
ALT/AZ=40.0 -104.7
fwAVG=2.52
sdW=631.8
fwW=2.48
sdS=20.7
fwS=2.58
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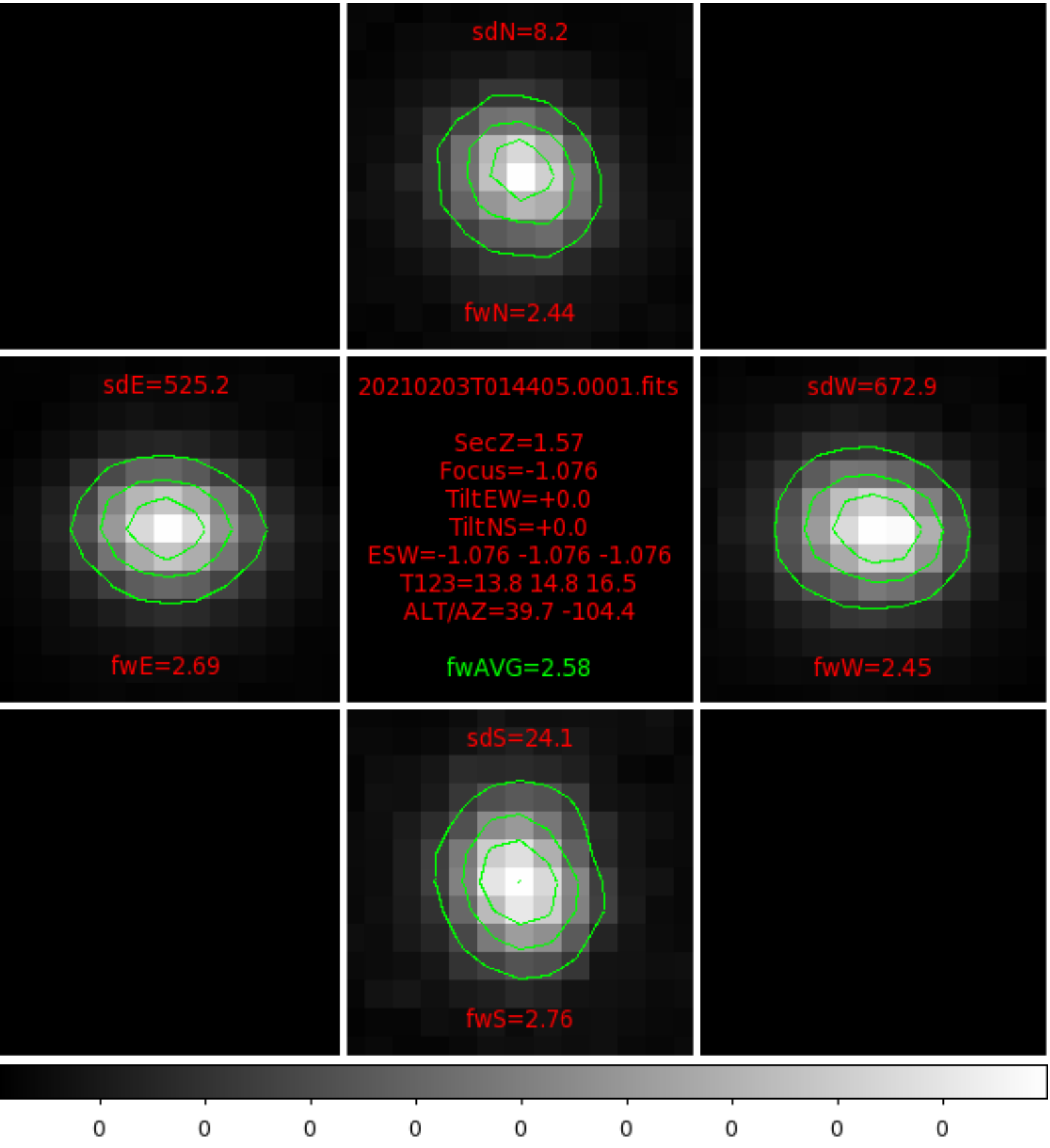
sdN=8.2
fwN=2.44
sdE=525.2
fwE=2.69
20210203T014405.0001.fits
SecZ=1.57
Focus=-1.076
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.076 -1.076 -1.076
T123=13.8 14.8 16.5
ALT/AZ=39.7 -104.4
fwAVG=2.58
sdW=672.9
fwW=2.45
sdS=24.1
fwS=2.76
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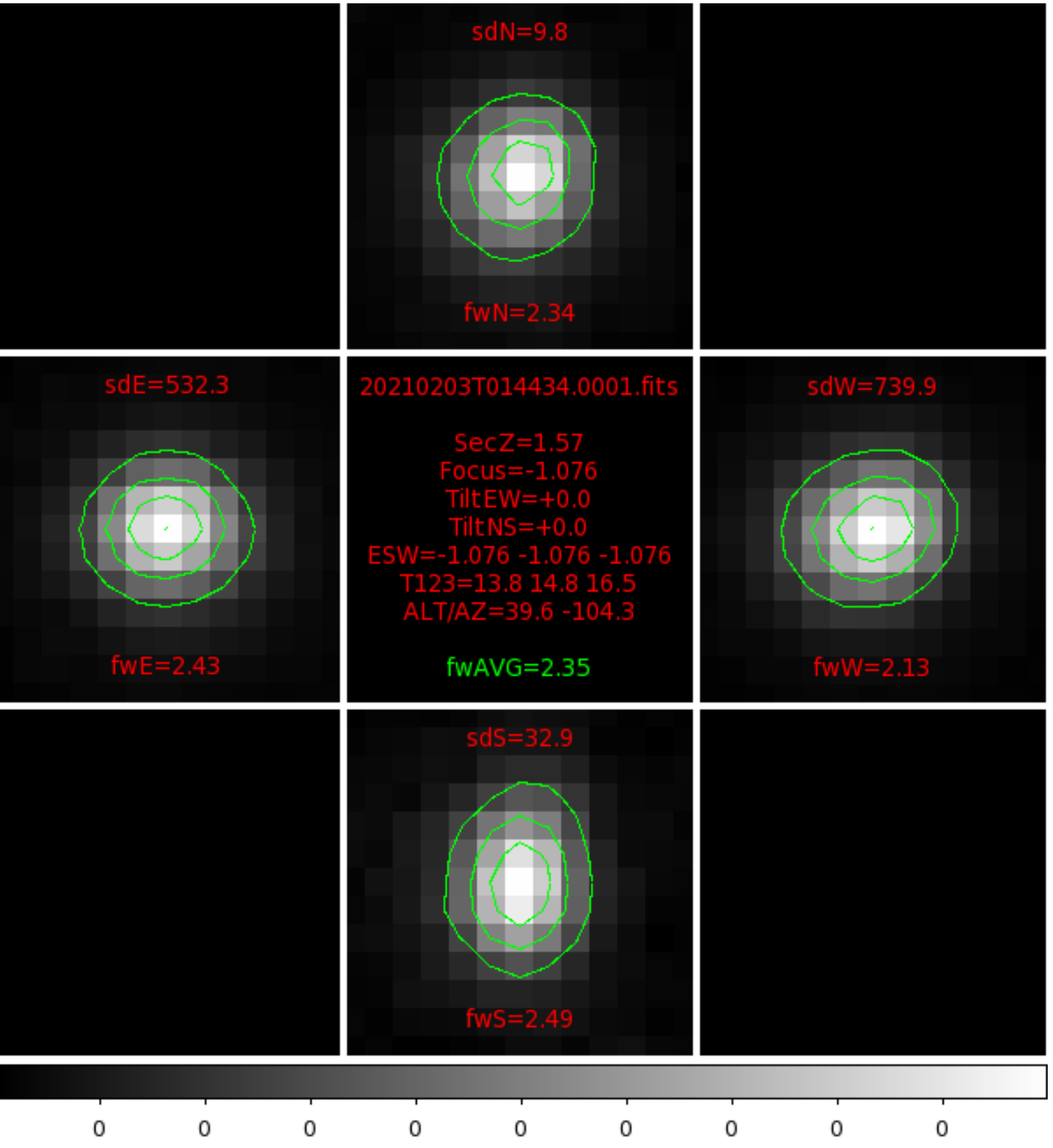
sdN=9.8
fwN=2.34
sdE=532.3
fwE=2.43
20210203T014434.0001.fits
SecZ=1.57
Focus=-1.076
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.076 -1.076 -1.076
T123=13.8 14.8 16.5
ALT/AZ=39.6 -104.3
fwAVG=2.35
sdW=739.9
fwW=2.13
sdS=32.9
fwS=2.49
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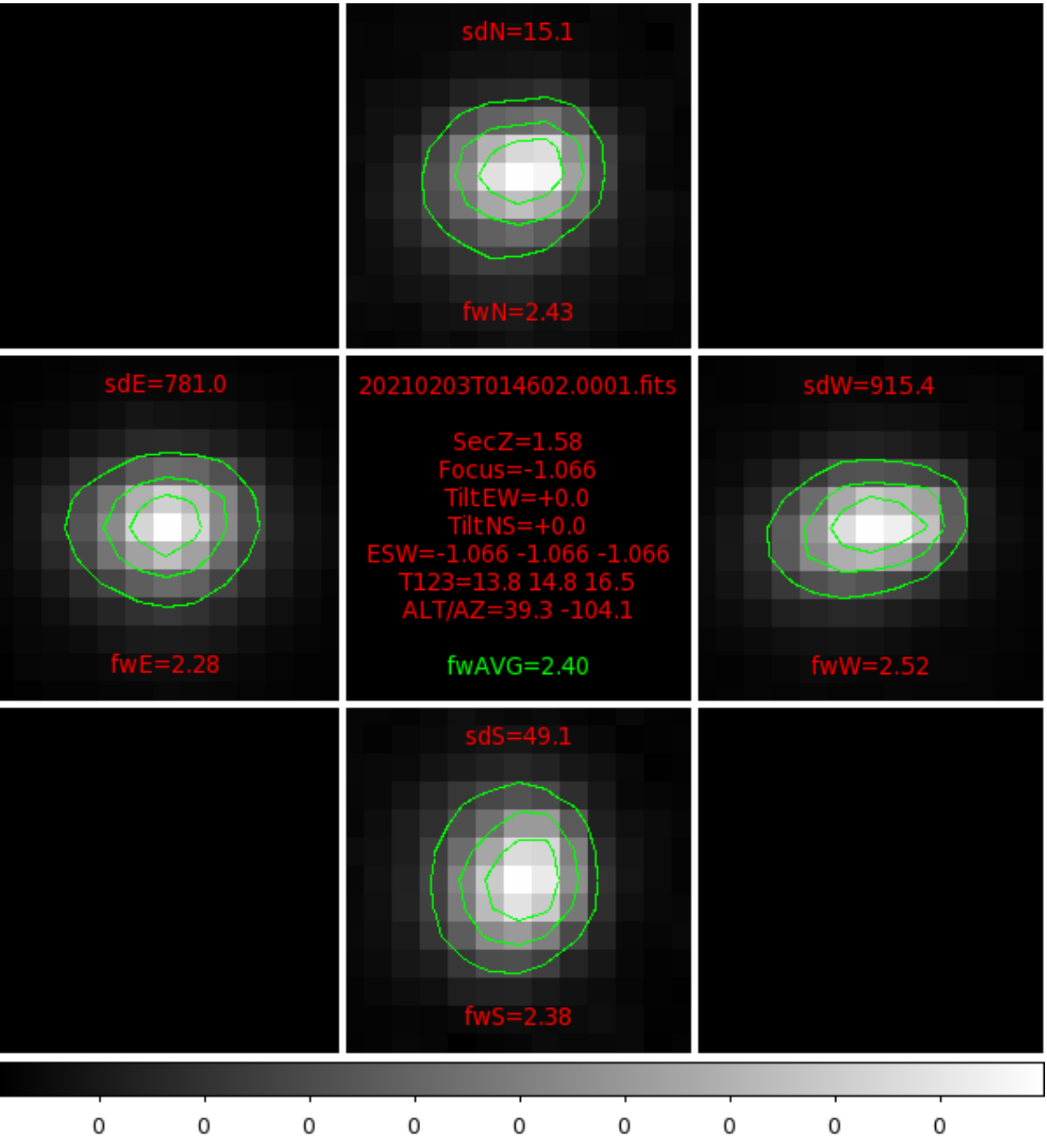
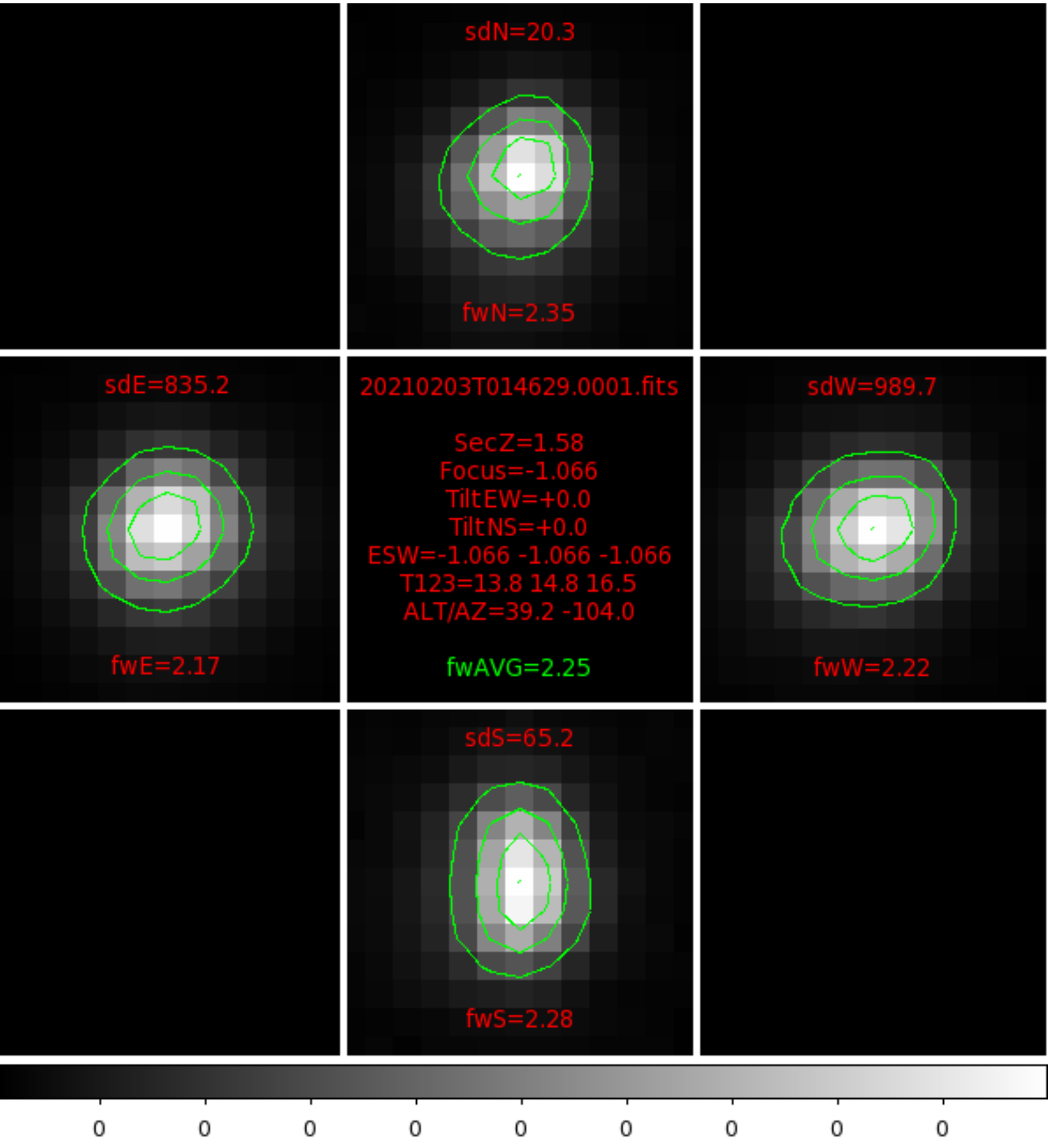

sdN=15.1
fwN=2.43
sdE=781.0
fwE=2.28
20210203T014602.0001.fits
SecZ=1.58
Focus=-1.066
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.066 -1.066 -1.066
T123=13.8 14.8 16.5
ALT/AZ=39.3 -104.1
fwAVG=2.40
sdW=915.4
fwW=2.52
sdS=49.1
fwS=2.38
0 0 0 0 0 0 0 0 0


sdN=20.3
fwN=2.35
sdE=835.2
fwE=2.17
20210203T014629.0001.fits
SecZ=1.58
Focus=-1.066
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.066 -1.066 -1.066
T123=13.8 14.8 16.5
ALT/AZ=39.2 -104.0
fwAVG=2.25
sdW=989.7
fwW=2.22
sdS=65.2
fwS=2.28
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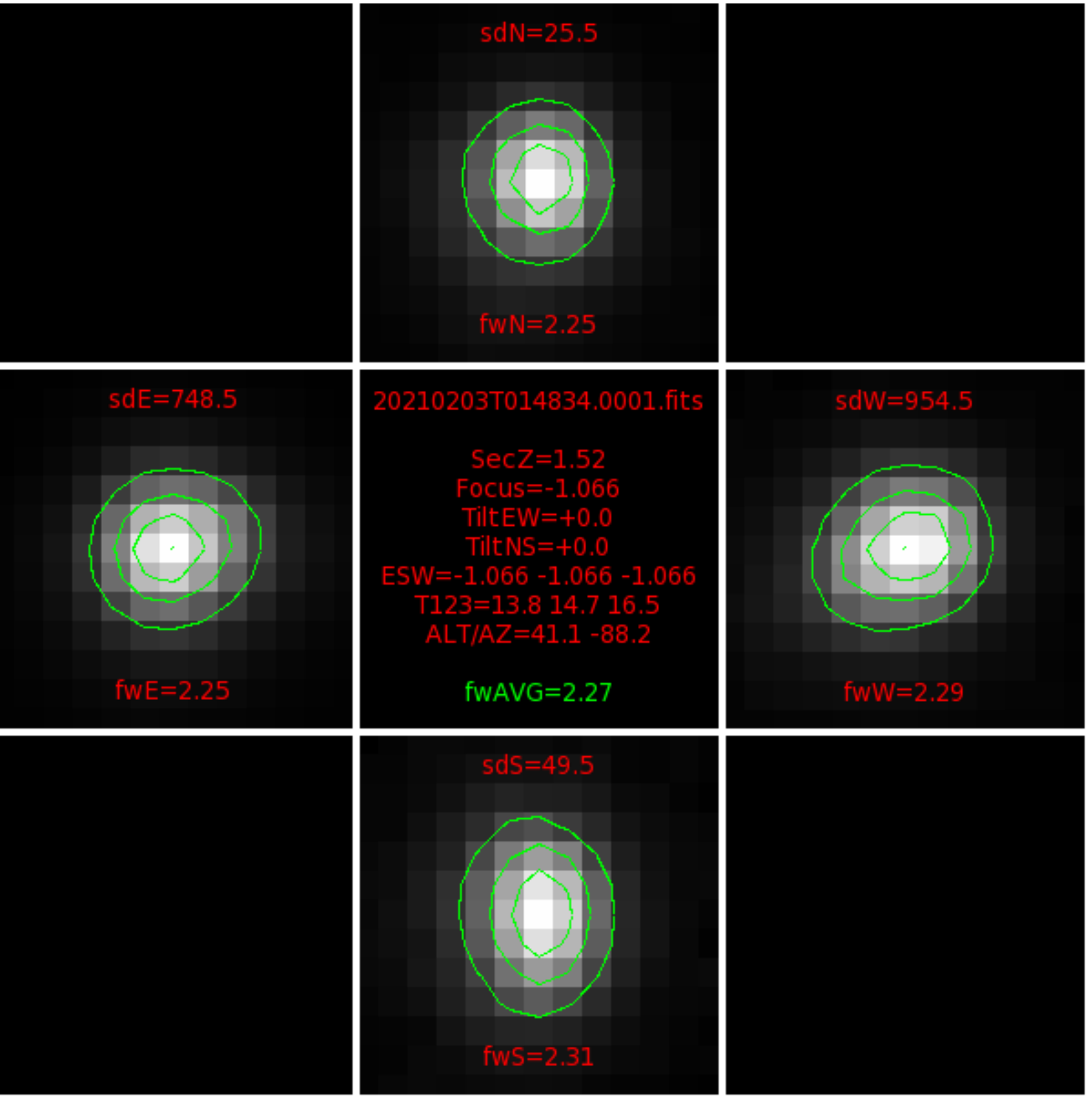
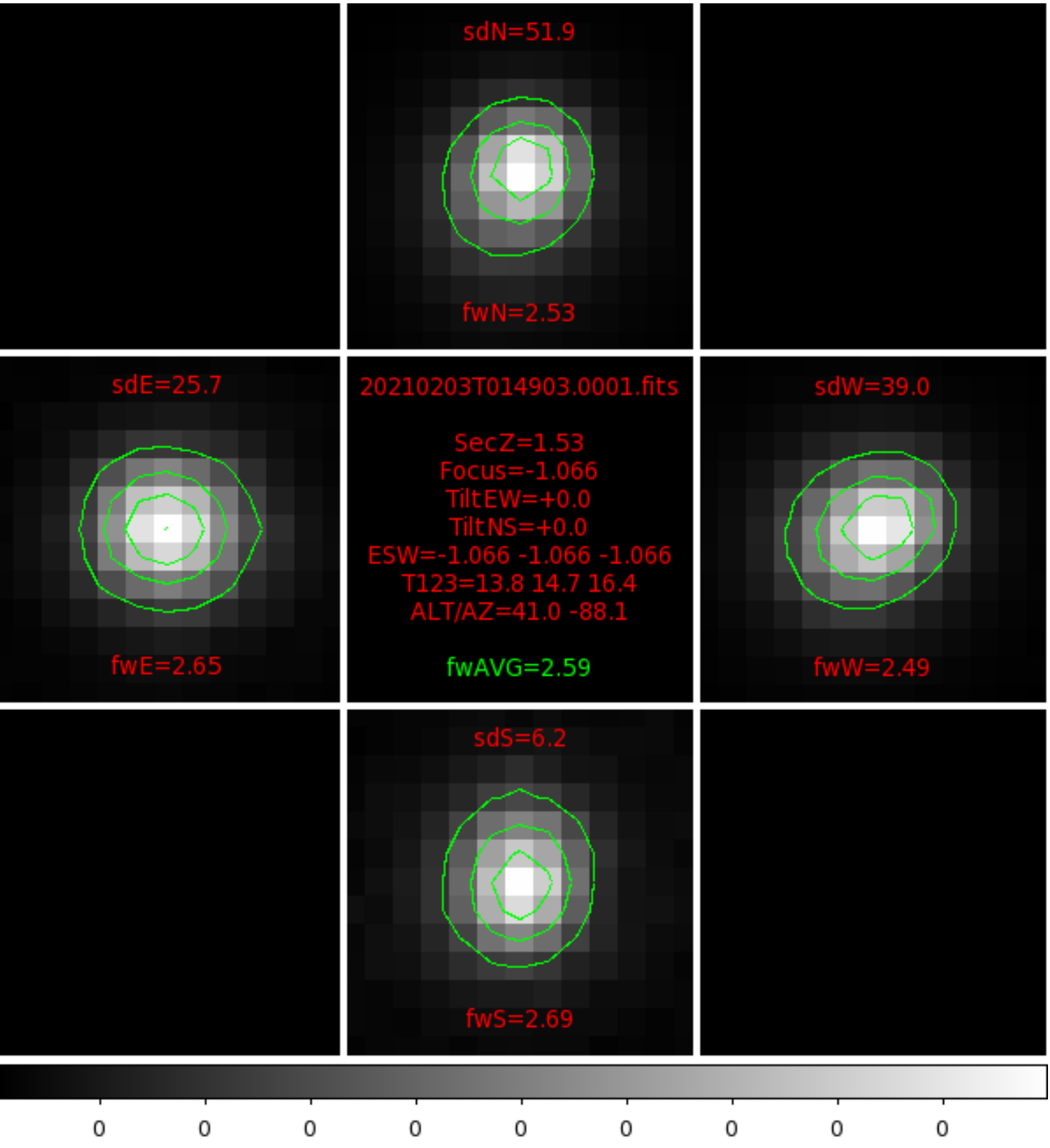
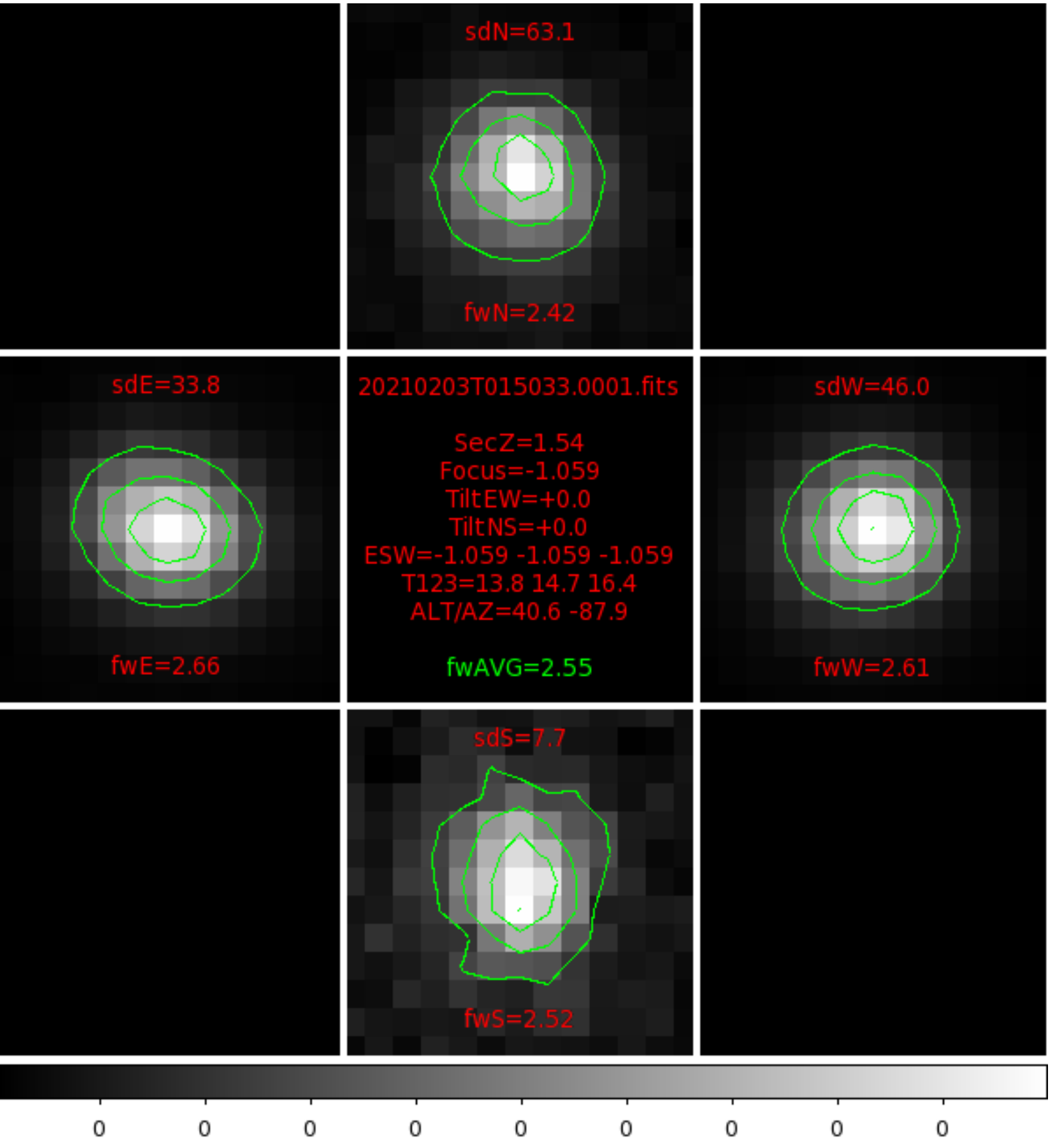

sdN=25.5
fwN=2.25
sdE=748.5
fwE=2.25
20210203T014834.0001.fits
SecZ=1.52
Focus=-1.066
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.066 -1.066 -1.066
T123=13.8 14.7 16.5
ALT/AZ=41.1 -88.2
fwAVG=2.27
sdW=954.5
fwW=2.29
sdS=49.5
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=51.9
fwN=2.53
sdE=25.7
fwE=2.65
20210203T014903.0001.fits
SecZ=1.53
Focus=-1.066
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.066 -1.066 -1.066
T123=13.8 14.7 16.4
ALT/AZ=41.0 -88.1
fwAVG=2.59
sdW=39.0
fwW=2.49
sdS=6.2
fwS=2.69
0 0 0 0 0 0 0 0 0


sdN=63.1
fwN=2.42
sdE=33.8
fwE=2.66
20210203T015033.0001.fits
SecZ=1.54
Focus=-1.059
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.059 -1.059 -1.059
T123=13.8 14.7 16.4
ALT/AZ=40.6 -87.9
fwAVG=2.55
sdW=46.0
fwW=2.61
sdS=7.7
fwS=2.52
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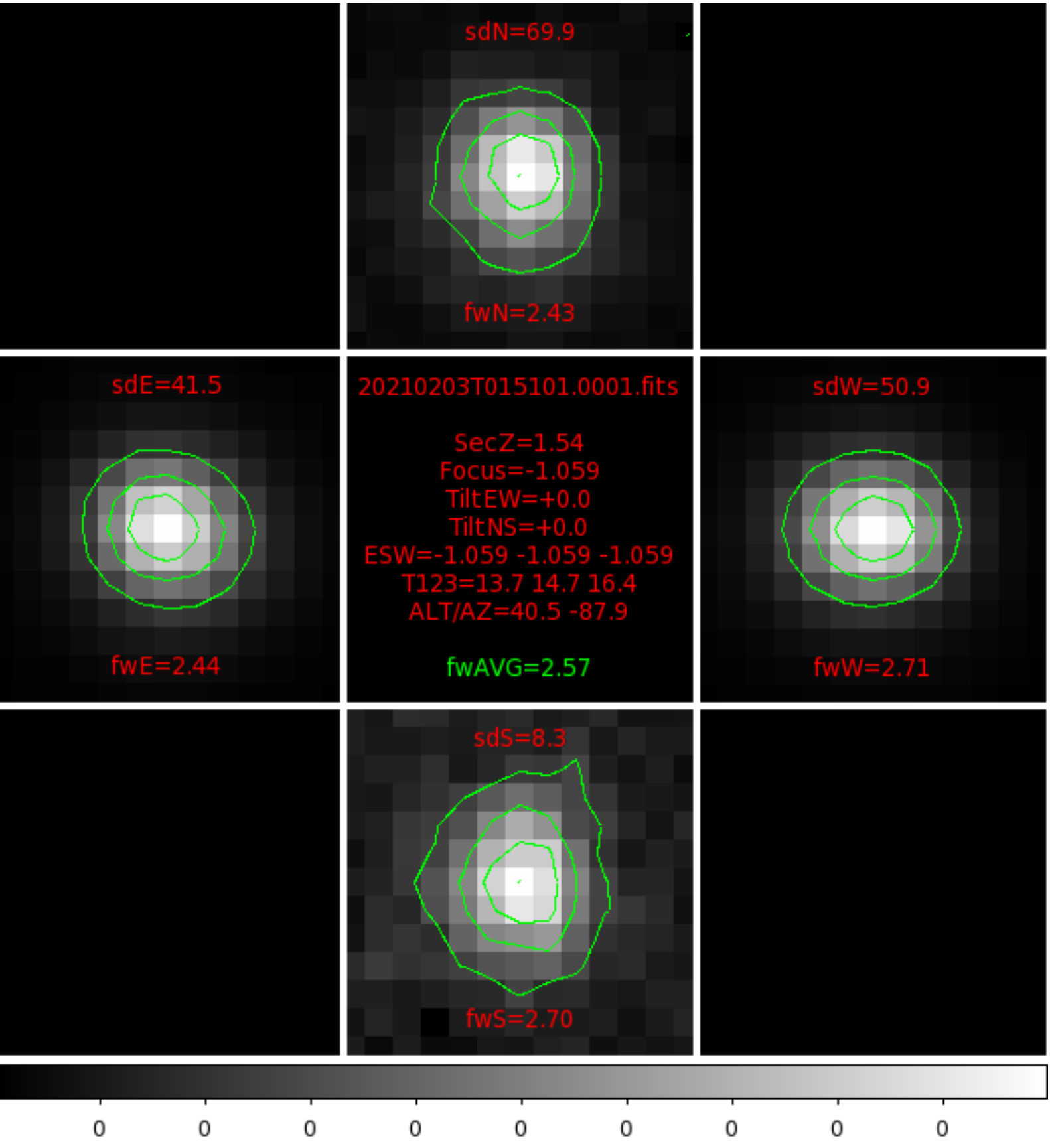
sdN=69.9
fwN=2.43
sdE=41.5
fwE=2.44
20210203T015101.0001.fits
SecZ=1.54
Focus=-1.059
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.059 -1.059 -1.059
T123=13.7 14.7 16.4
ALT/AZ=40.5 -87.9
fwAVG=2.57
sdW=50.9
fwW=2.71
sdS=8.3
fwS=2.70
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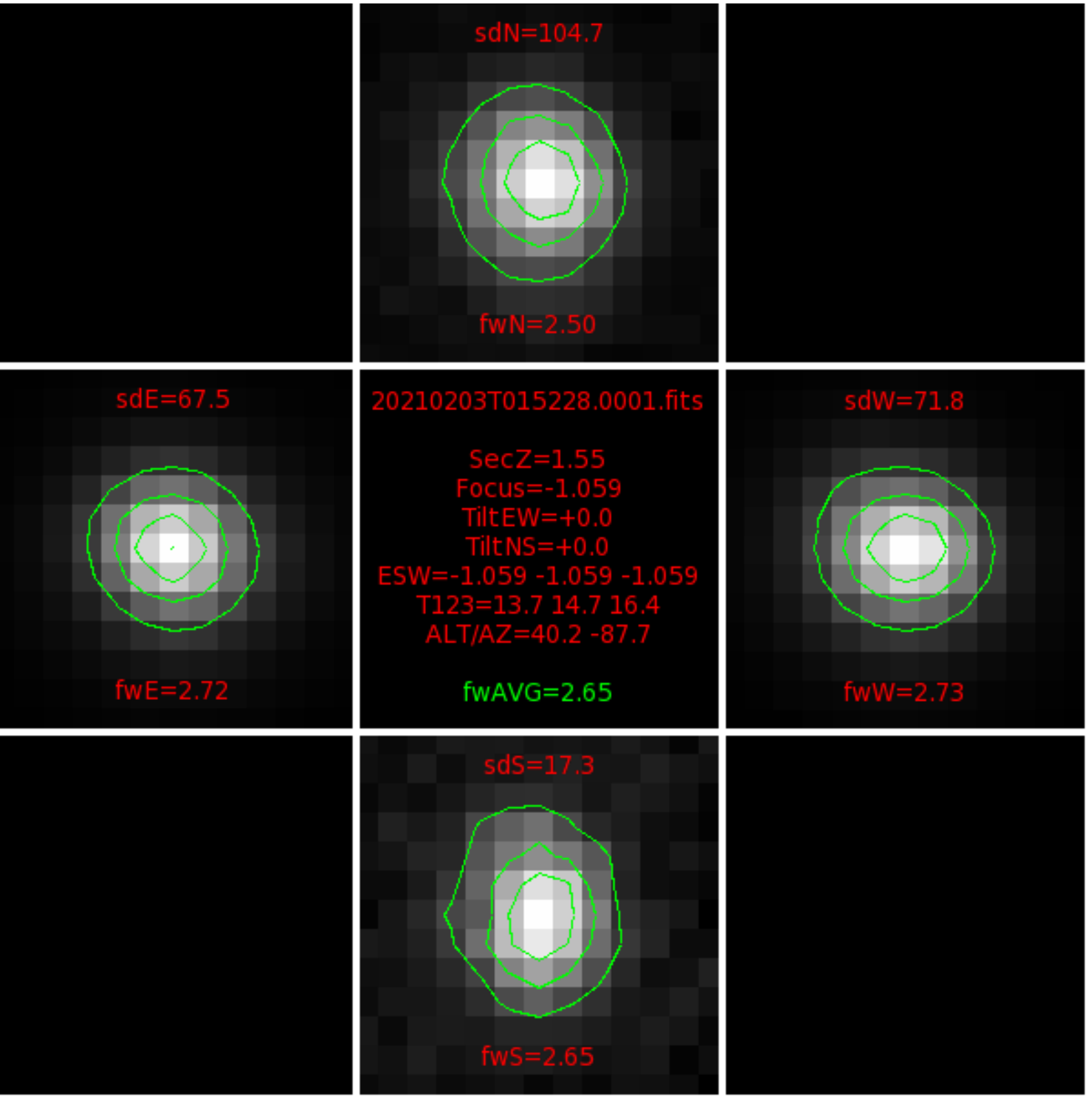
sdN=104.7
fwN=2.50
sdE=67.5
fwE=2.72
20210203T015228.0001.fits
SecZ=1.55
Focus=-1.059
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.059 -1.059 -1.059
T123=13.7 14.7 16.4
ALT/AZ=40.2 -87.7
fwAVG=2.65
sdW=71.8
fwW=2.73
sdS=17.3
fwS=2.65
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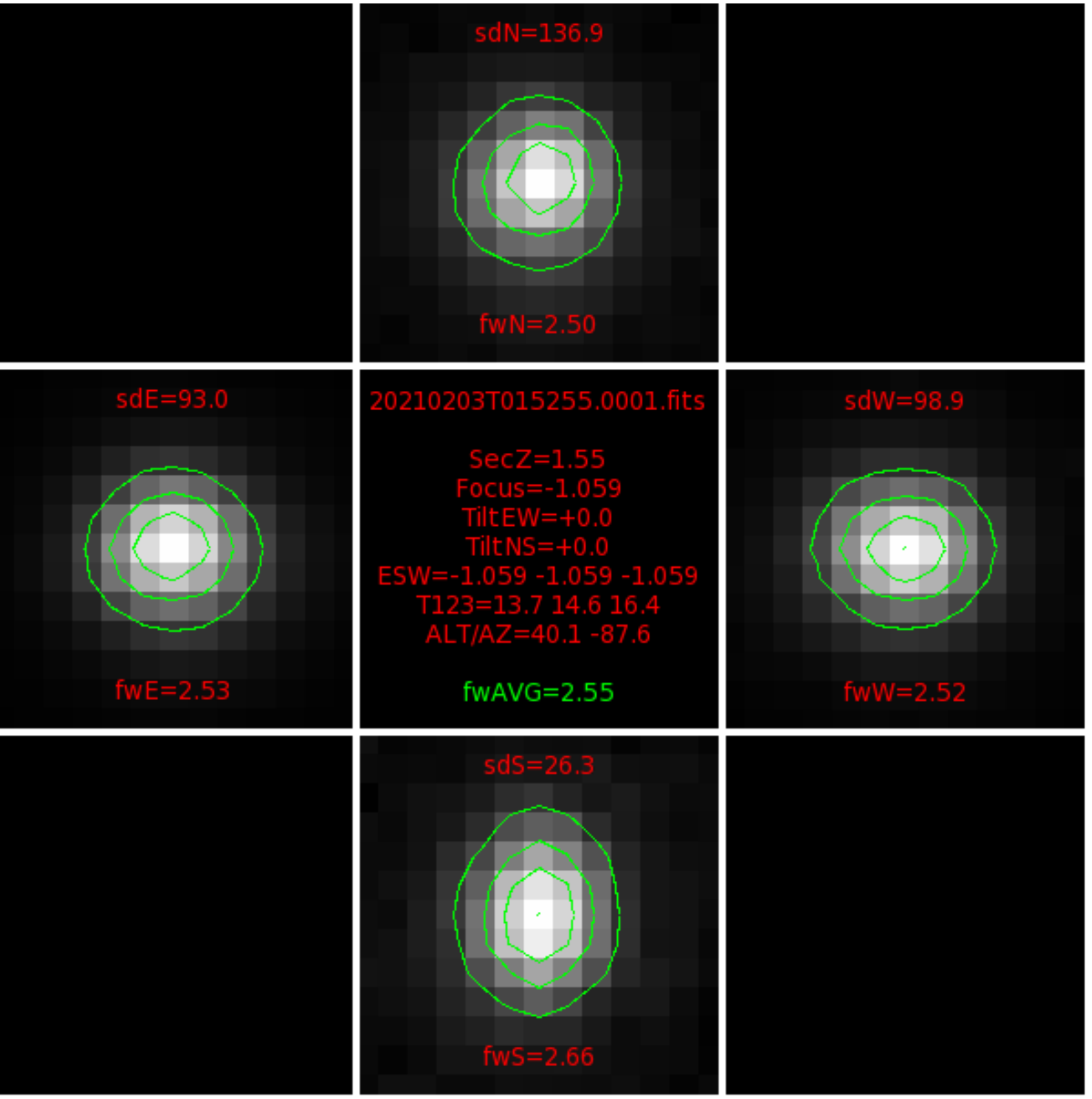
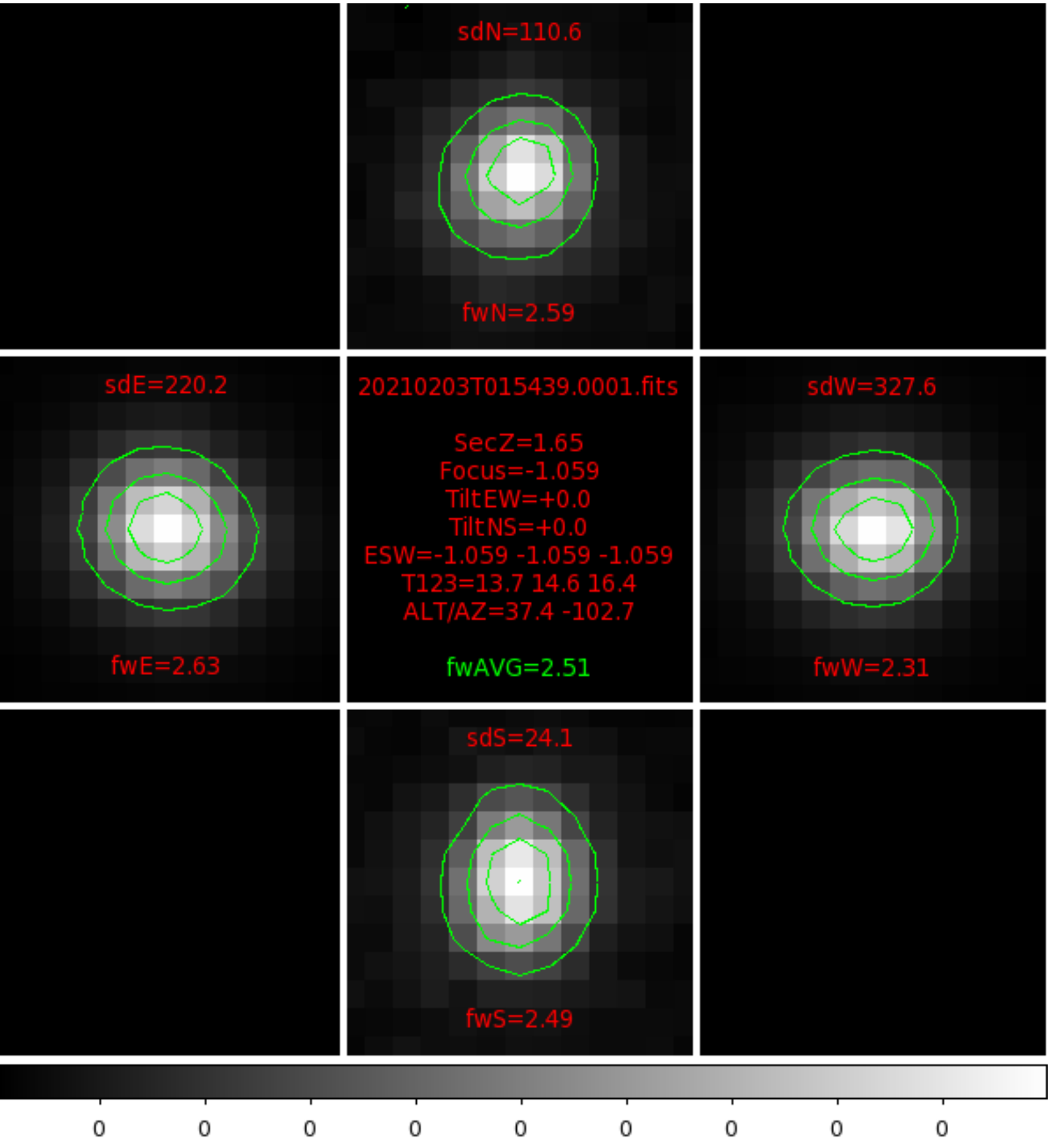
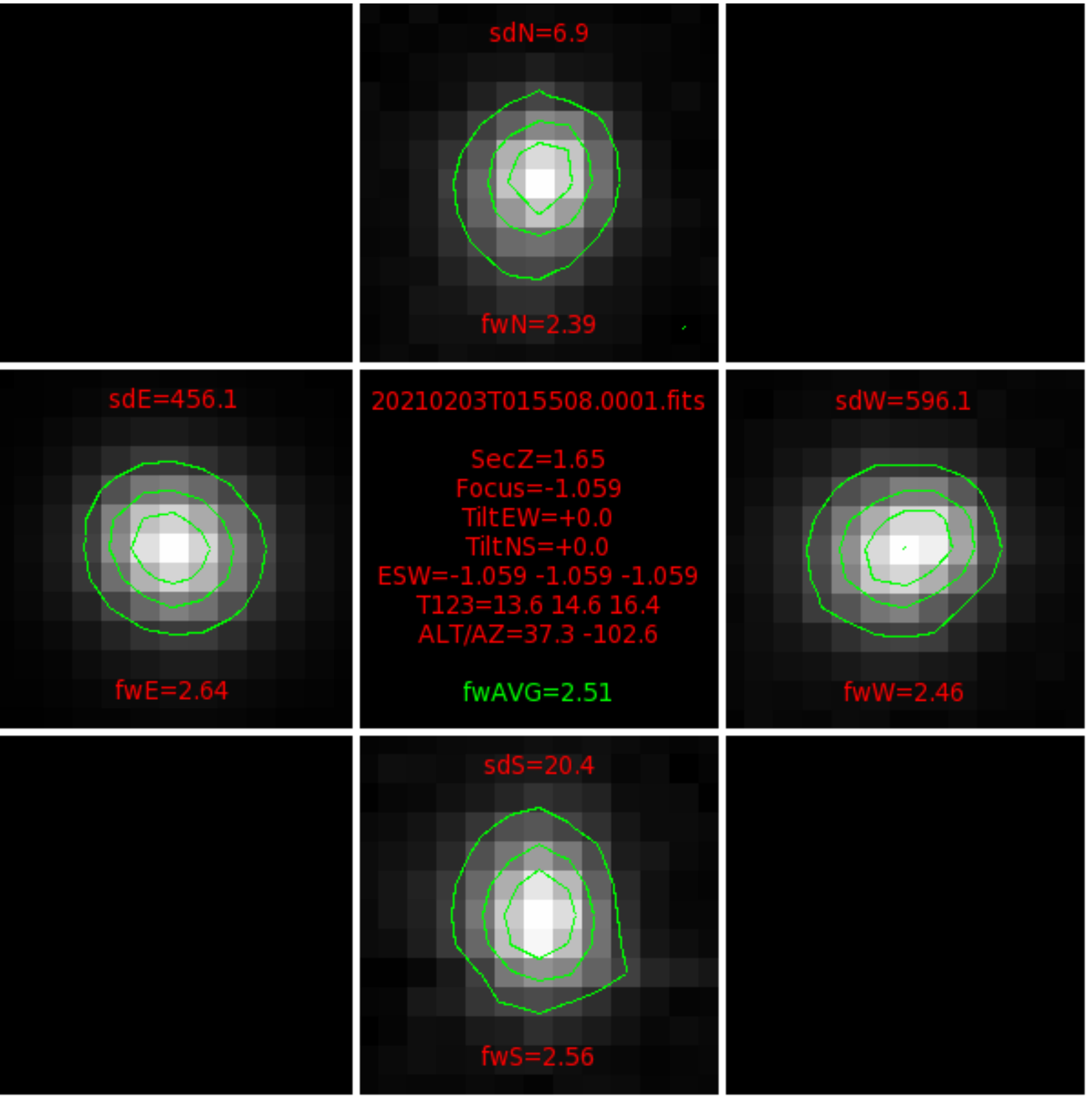

sdN=136.9
fwN=2.50
sdE=93.0
fwE=2.53
20210203T015255.0001.fits
SecZ=1.55
Focus=-1.059
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.059 -1.059 -1.059
T123=13.7 14.6 16.4
ALT/AZ=40.1 -87.6
fwAVG=2.55
sdW=98.9
fwW=2.52
sdS=26.3
fwS=2.66
0 0 0 0 0 0 0 0 0


sdN=110.6
fwN=2.59
sdE=220.2
fwE=2.63
20210203T015439.0001.fits
SecZ=1.65
Focus=-1.059
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.059 -1.059 -1.059
T123=13.7 14.6 16.4
ALT/AZ=37.4 -102.7
fwAVG=2.51
sdW=327.6
fwW=2.31
sdS=24.1
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=6.9
fwN=2.39
sdE=456.1
fwE=2.64
20210203T015508.0001.fits
SecZ=1.65
Focus=-1.059
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.059 -1.059 -1.059
T123=13.6 14.6 16.4
ALT/AZ=37.3 -102.6
fwAVG=2.51
sdW=596.1
fwW=2.46
sdS=20.4
fwS=2.56
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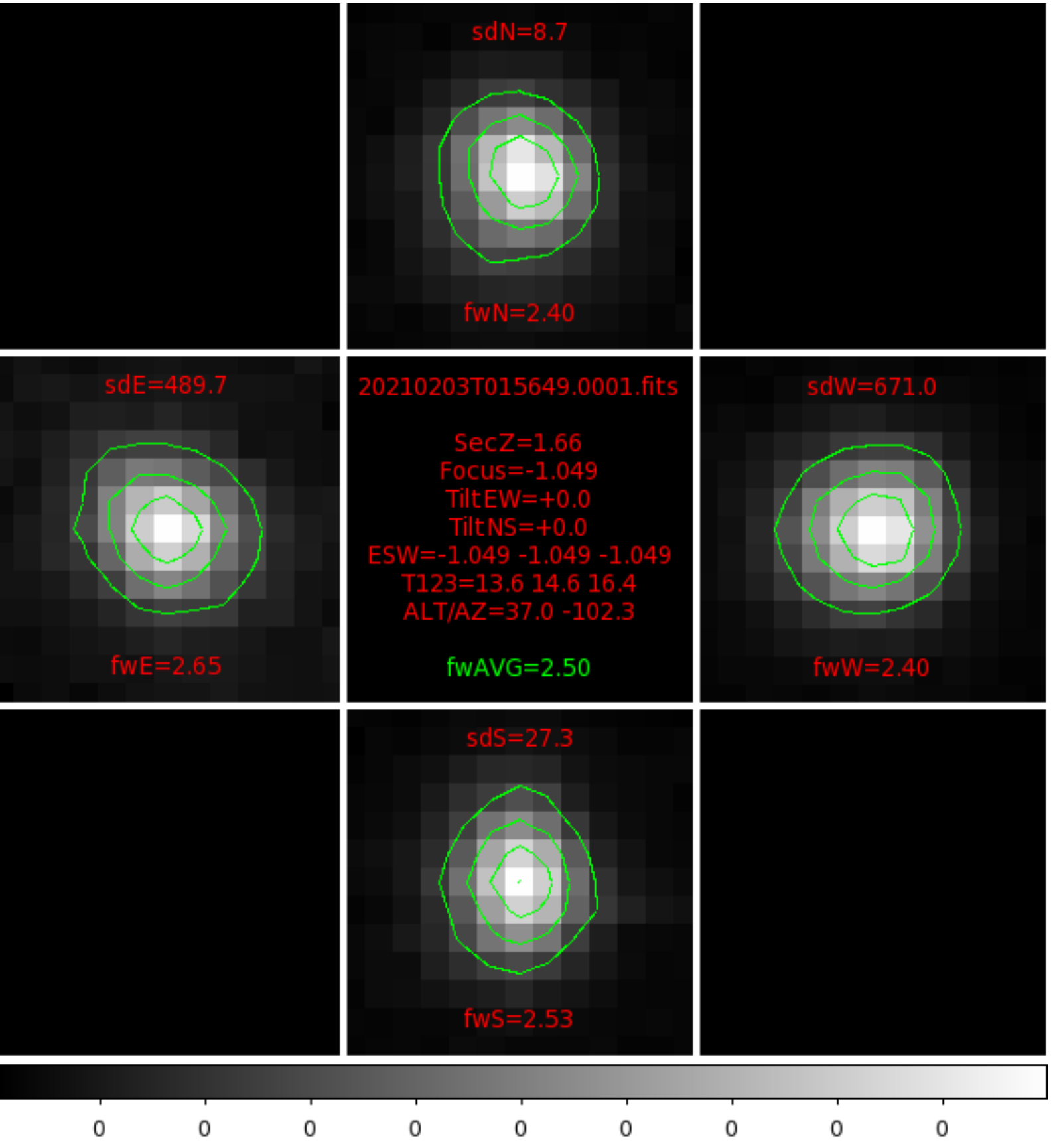
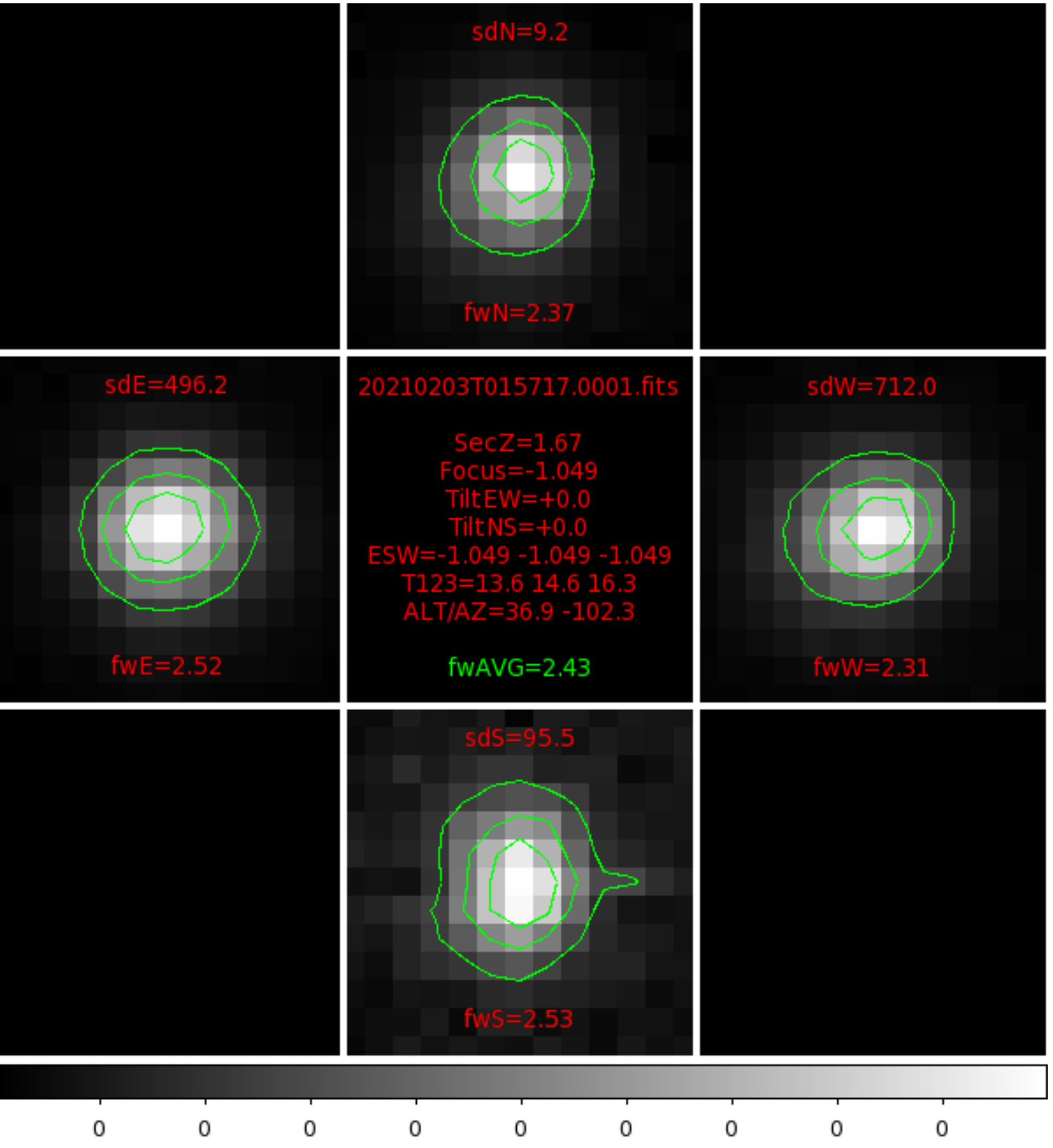
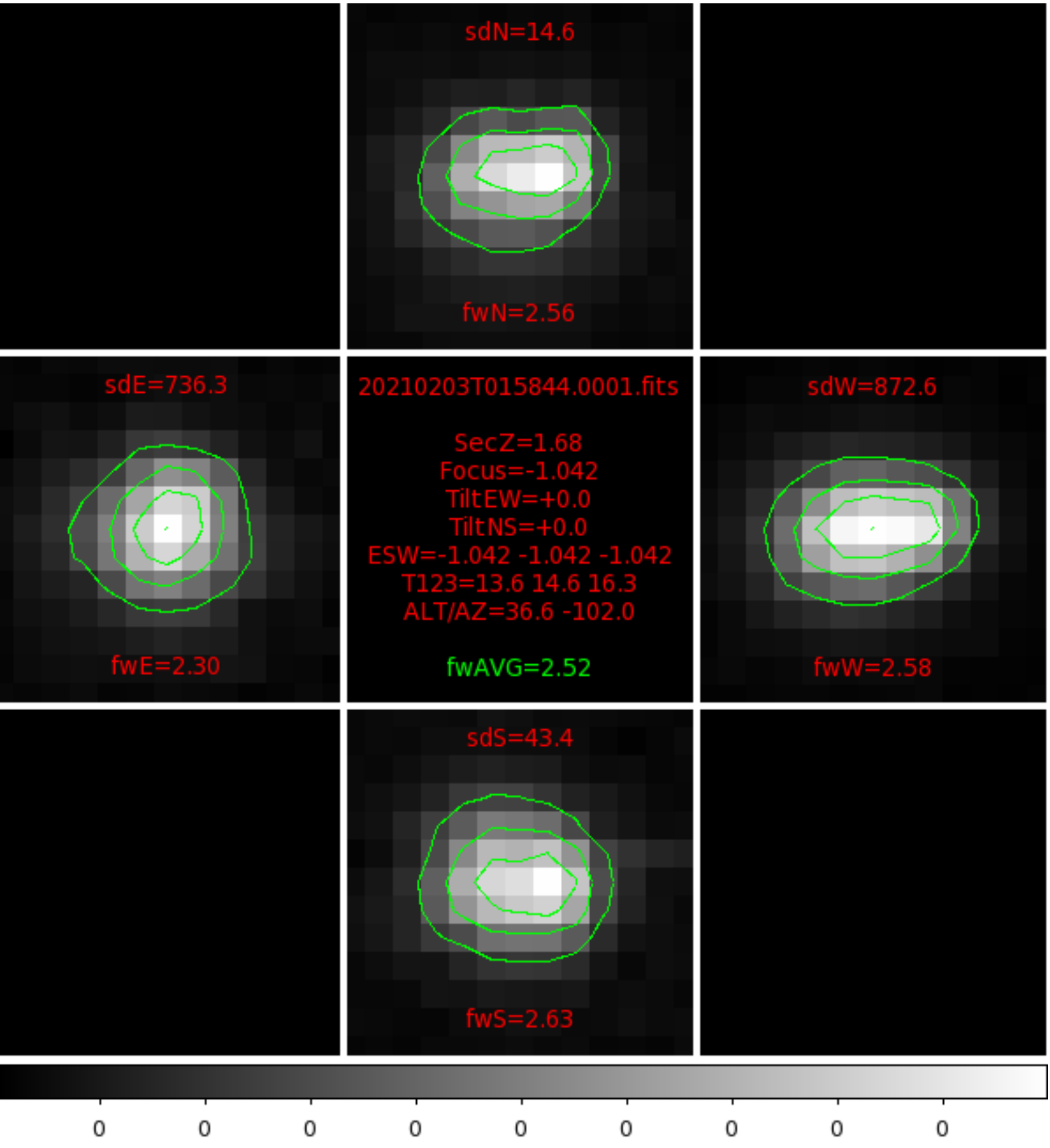
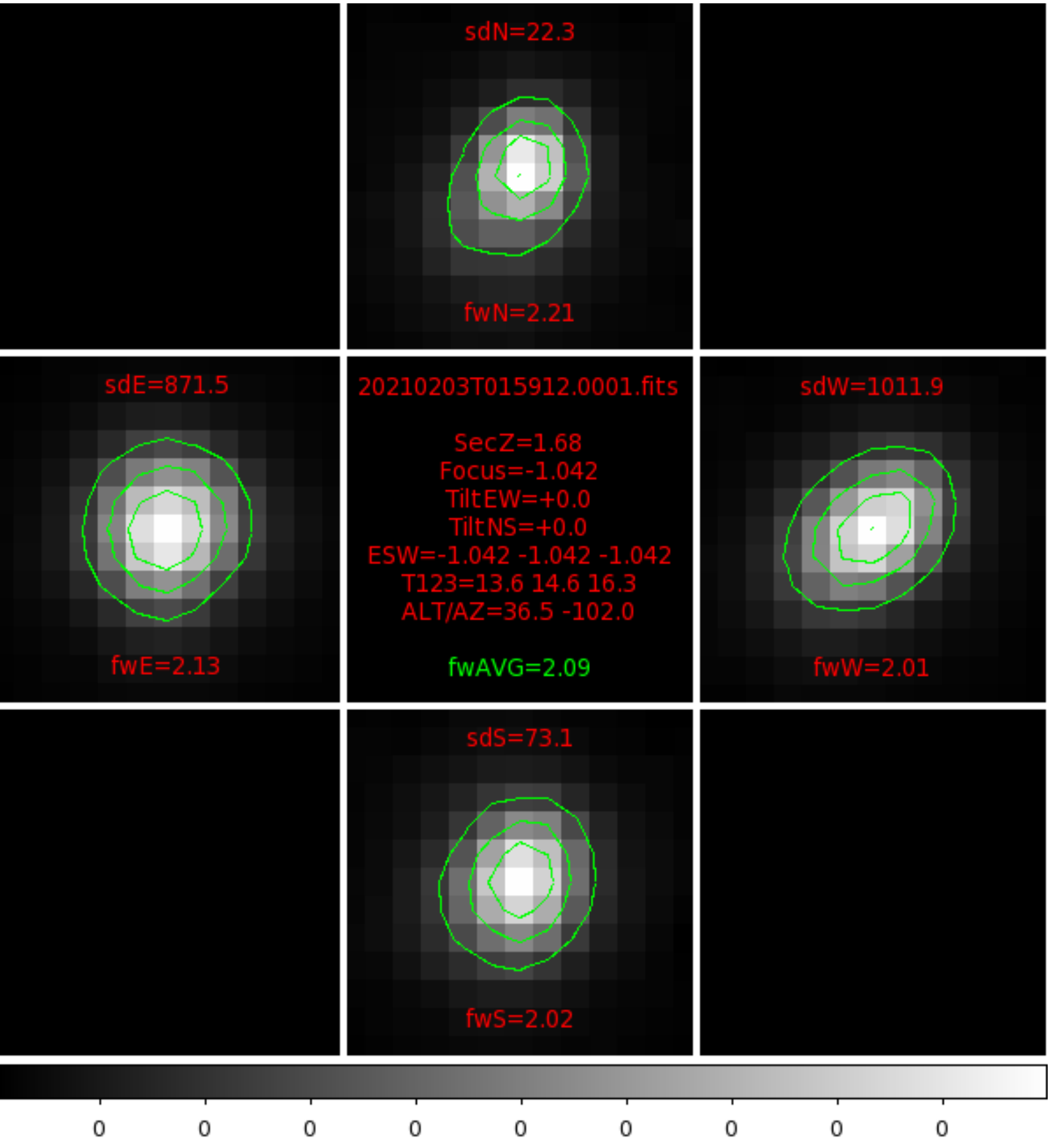

sdN=8.7
fwN=2.40
sdE=489.7
fwE=2.65
20210203T015649.0001.fits
SecZ=1.66
Focus=-1.049
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.049 -1.049 -1.049
T123=13.6 14.6 16.4
ALT/AZ=37.0 -102.3
fwAVG=2.50
sdW=671.0
fwW=2.40
sdS=27.3
fwS=2.53
0 0 0 0 0 0 0 0 0


sdN=9.2
fwN=2.37
sdE=496.2
fwE=2.52
20210203T015717.0001.fits
SecZ=1.67
Focus=-1.049
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.049 -1.049 -1.049
T123=13.6 14.6 16.3
ALT/AZ=36.9 -102.3
fwAVG=2.43
sdW=712.0
fwW=2.31
sdS=95.5
fwS=2.53
0 0 0 0 0 0 0 0 0


sdN=14.6
fwN=2.56
sdE=736.3
fwE=2.30
20210203T015844.0001.fits
SecZ=1.68
Focus=-1.042
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.042 -1.042 -1.042
T123=13.6 14.6 16.3
ALT/AZ=36.6 -102.0
fwAVG=2.52
sdW=872.6
fwW=2.58
sdS=43.4
fwS=2.63
0 0 0 0 0 0 0 0 0


sdN=22.3
fwN=2.21
sdE=871.5
fwE=2.13
20210203T015912.0001.fits
SecZ=1.68
Focus=-1.042
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.042 -1.042 -1.042
T123=13.6 14.6 16.3
ALT/AZ=36.5 -102.0
fwAVG=2.09
sdW=1011.9
fwW=2.01
sdS=73.1
fwS=2.02
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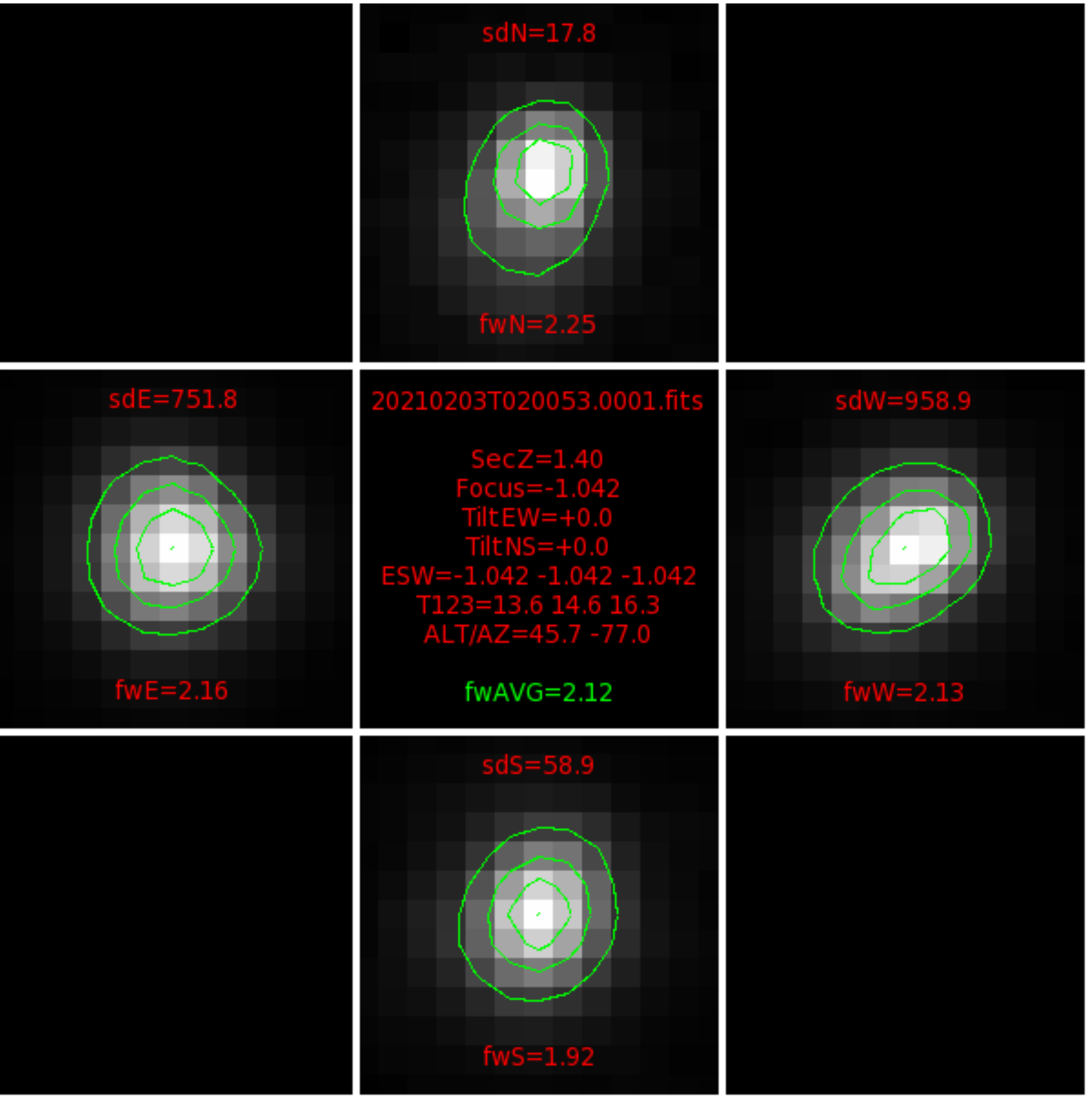
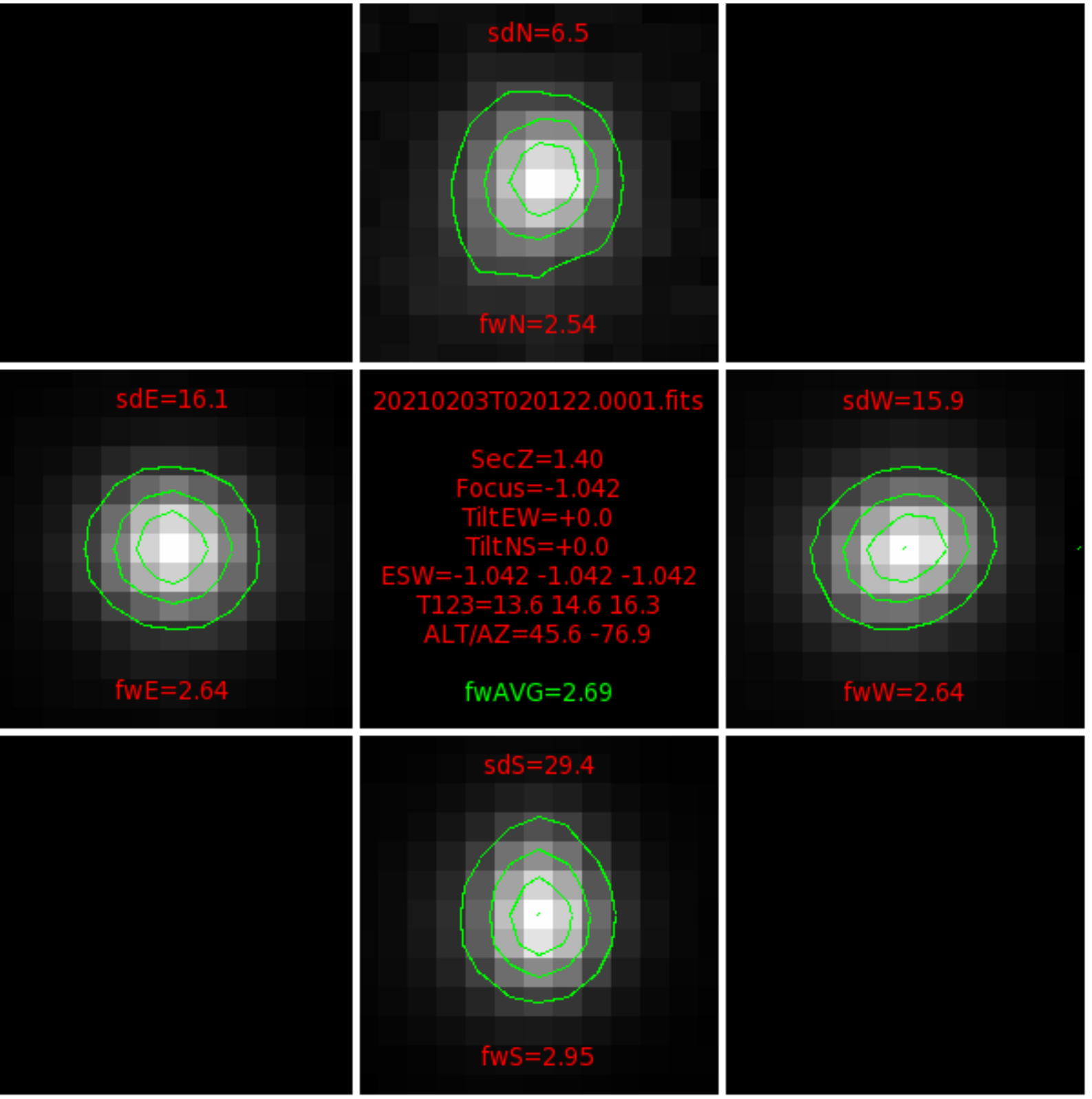
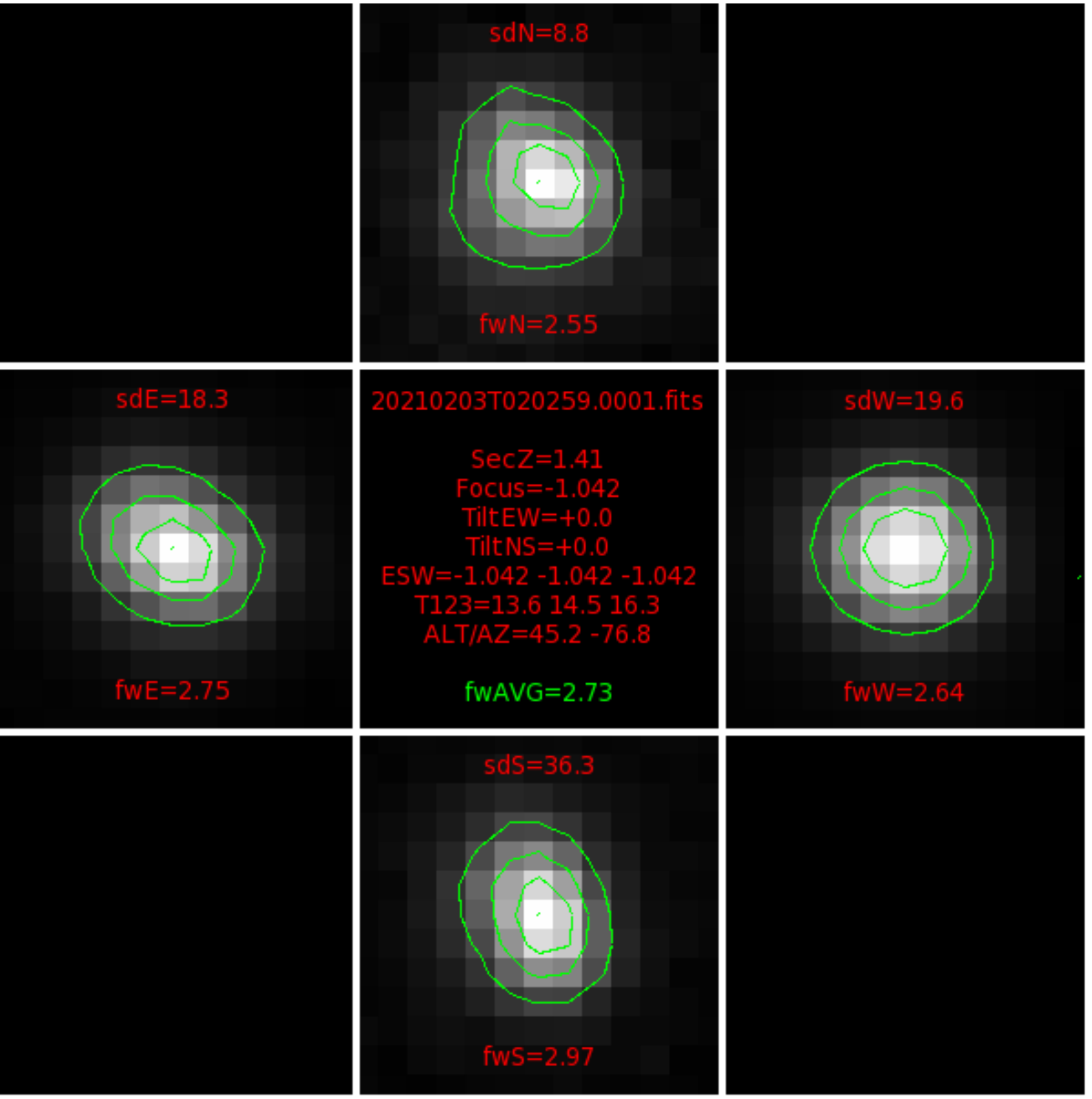

sdN=17.8
fwN=2.25
sdE=751.8
fwE=2.16
20210203T020053.0001.fits
SecZ=1.40
Focus=-1.042
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.042 -1.042 -1.042
T123=13.6 14.6 16.3
ALT/AZ=45.7 -77.0
fwAVG=2.12
sdW=958.9
fwW=2.13
sdS=58.9
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=6.5
fwN=2.54
sdE=16.1
fwE=2.64
20210203T020122.0001.fits
SecZ=1.40
Focus=-1.042
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.042 -1.042 -1.042
T123=13.6 14.6 16.3
ALT/AZ=45.6 -76.9
fwAVG=2.69
sdW=15.9
fwW=2.64
sdS=29.4
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=8.8
fwN=2.55
sdE=18.3
fwE=2.75
20210203T020259.0001.fits
SecZ=1.41
Focus=-1.042
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.042 -1.042 -1.042
T123=13.6 14.5 16.3
ALT/AZ=45.2 -76.8
fwAVG=2.73
sdW=19.6
fwW=2.64
sdS=36.3
fwS=2.97
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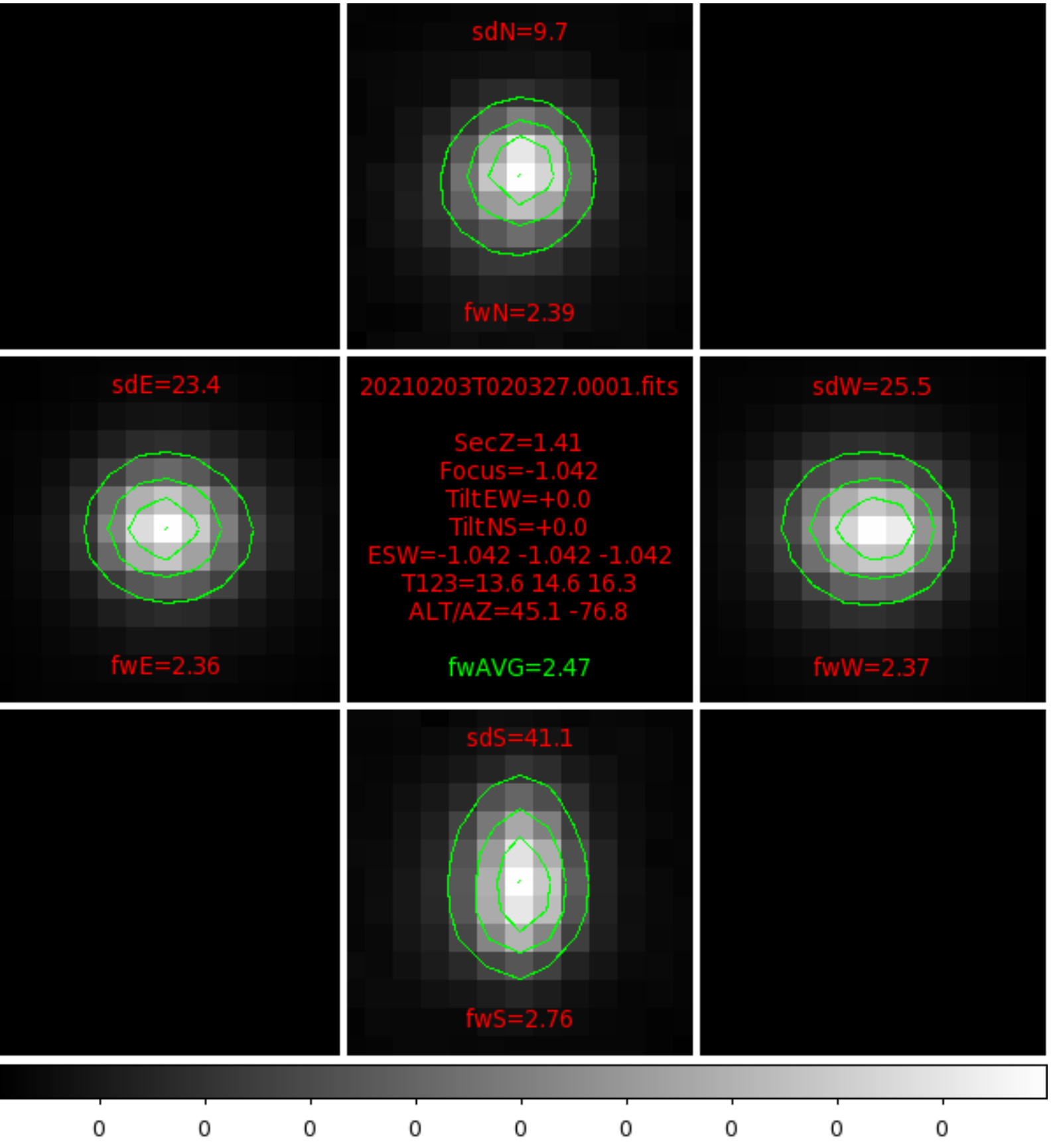
sdN=9.7
fwN=2.39
sdE=23.4
fwE=2.36
20210203T020327.0001.fits
SecZ=1.41
Focus=-1.042
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.042 -1.042 -1.042
T123=13.6 14.6 16.3
ALT/AZ=45.1 -76.8
fwAVG=2.47
sdW=25.5
fwW=2.37
sdS=41.1
fwS=2.76
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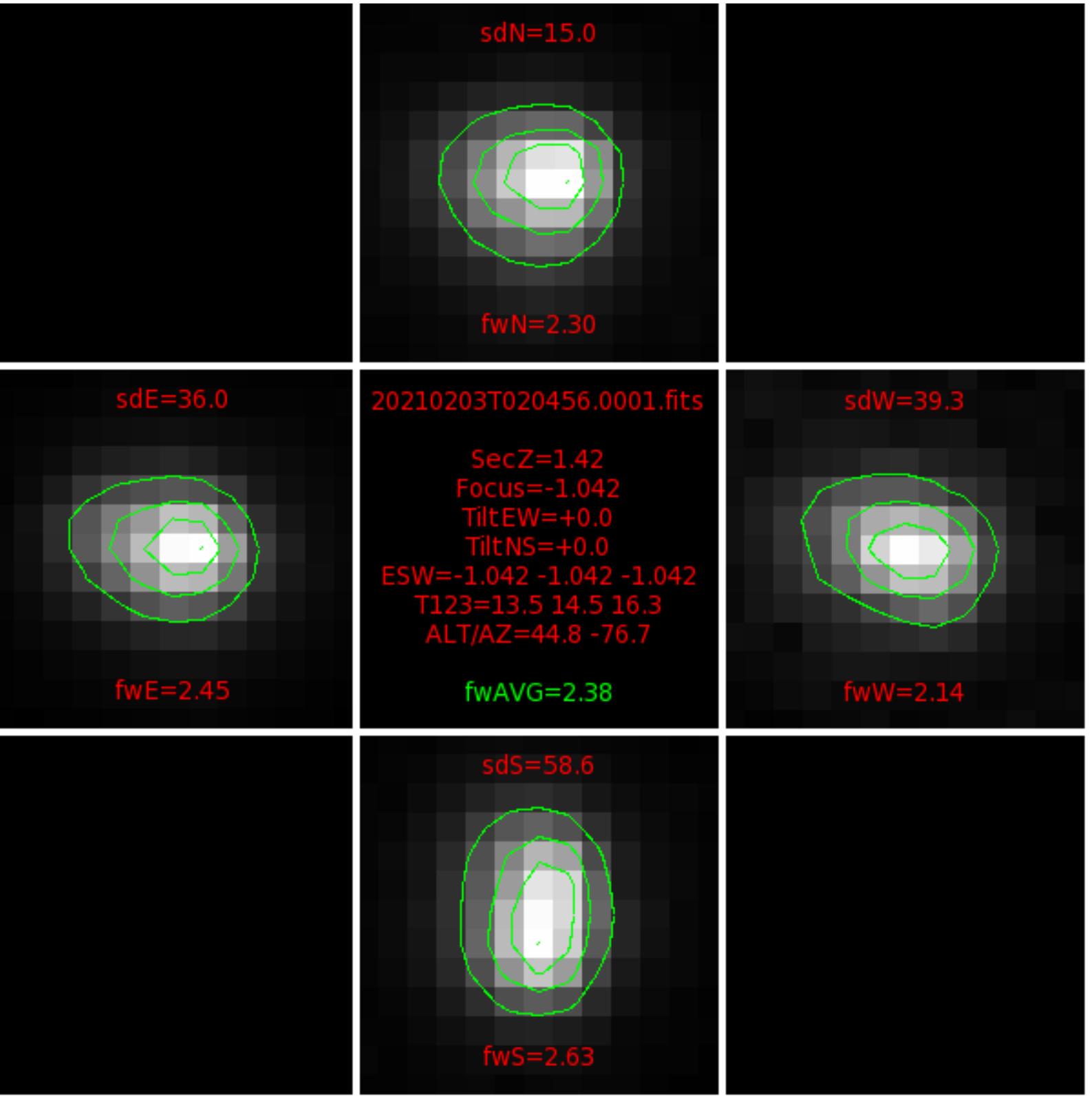
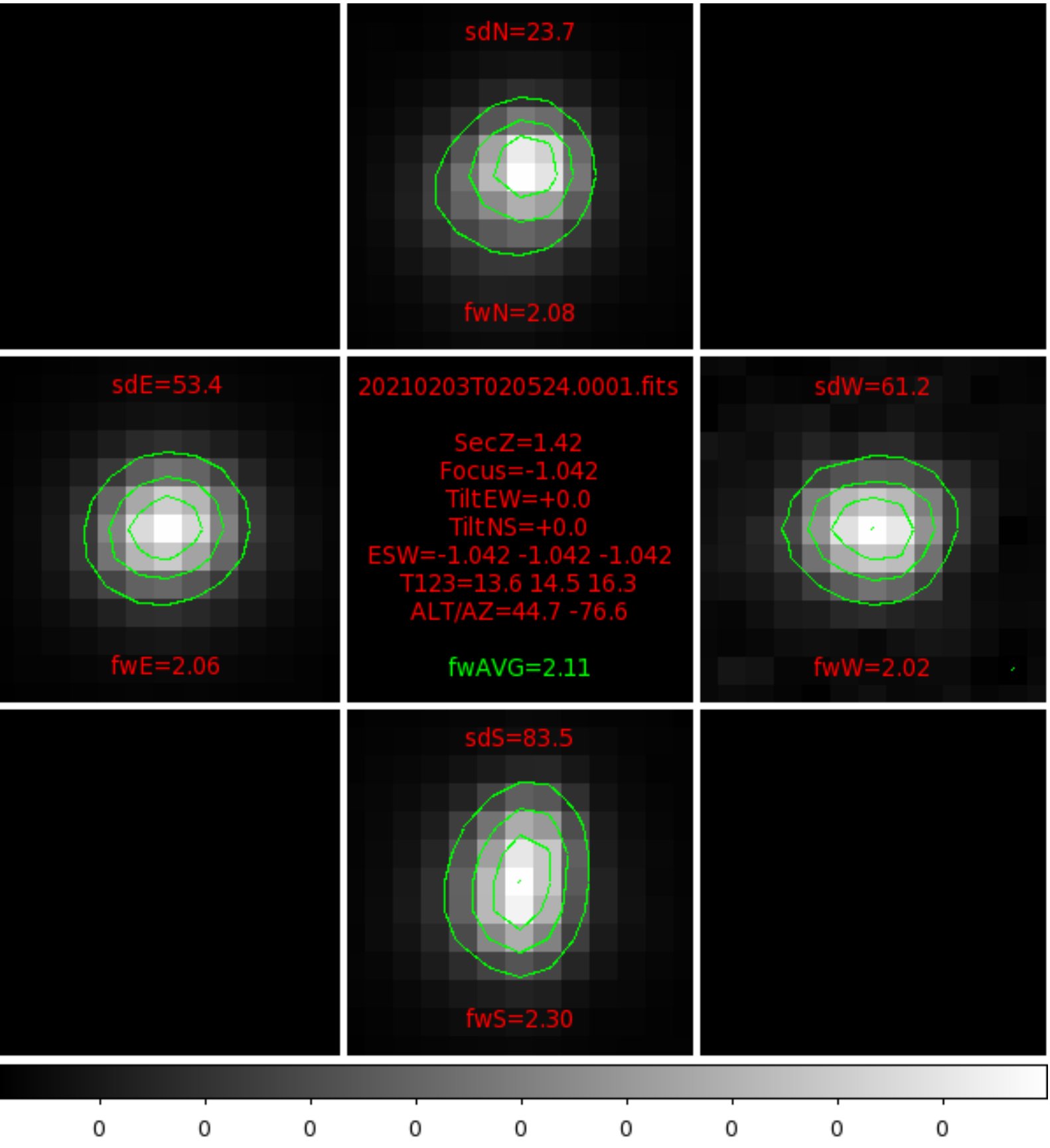
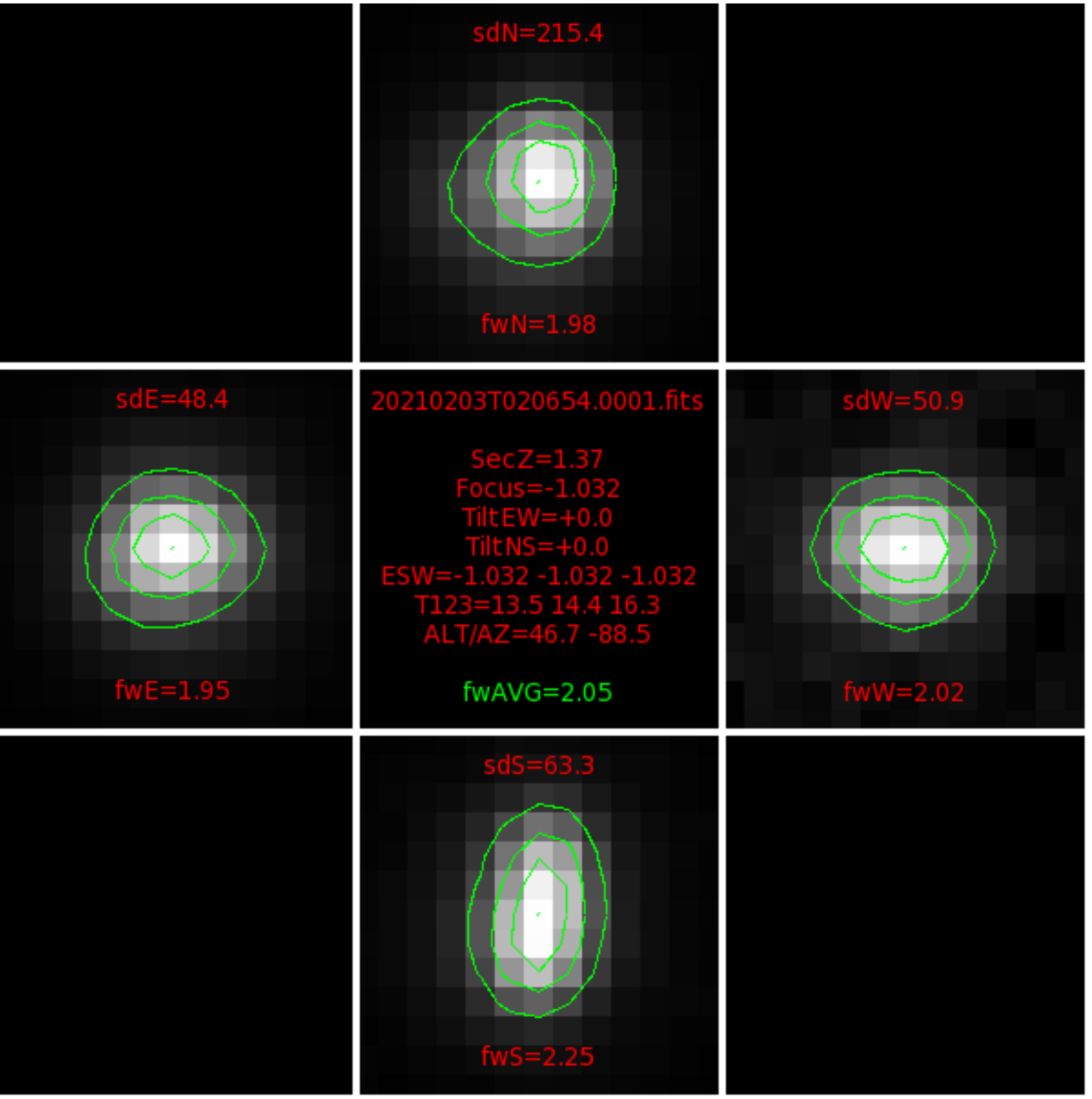

sdN=15.0
fwN=2.30
sdE=36.0
fwE=2.45
20210203T020456.0001.fits
SecZ=1.42
Focus=-1.042
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.042 -1.042 -1.042
T123=13.5 14.5 16.3
ALT/AZ=44.8 -76.7
fwAVG=2.38
sdW=39.3
fwW=2.14
sdS=58.6
fwS=2.63
0 0 0 0 0 0 0 0 0


sdN=23.7
fwN=2.08
sdE=53.4
fwE=2.06
20210203T020524.0001.fits
SecZ=1.42
Focus=-1.042
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.042 -1.042 -1.042
T123=13.6 14.5 16.3
ALT/AZ=44.7 -76.6
fwAVG=2.11
sdW=61.2
fwW=2.02
sdS=83.5
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=215.4
fwN=1.98
sdE=48.4
fwE=1.95
20210203T020654.0001.fits
SecZ=1.37
Focus=-1.032
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.032 -1.032 -1.032
T123=13.5 14.4 16.3
ALT/AZ=46.7 -88.5
fwAVG=2.05
sdW=50.9
fwW=2.02
sdS=63.3
fwS=2.25
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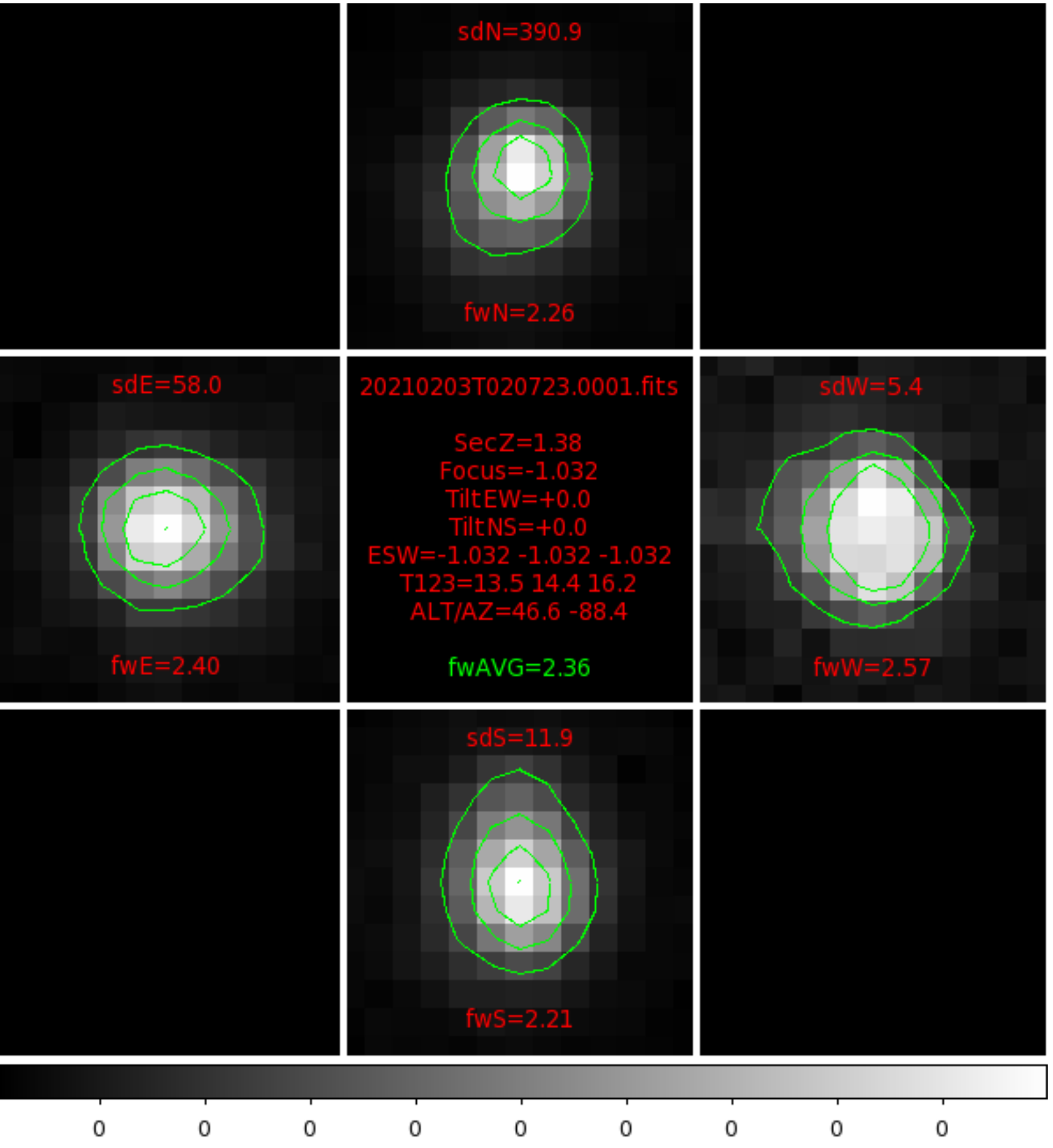
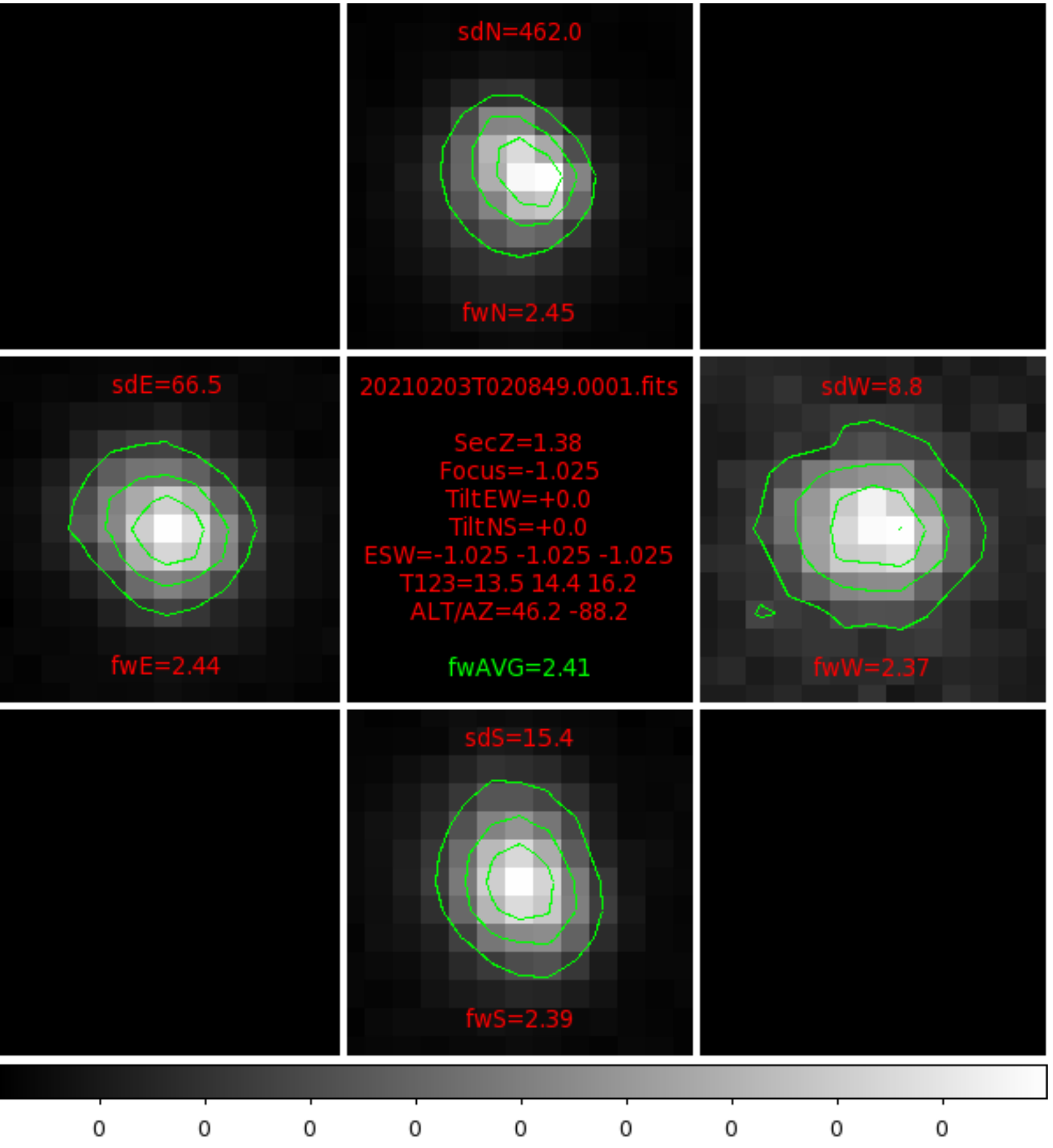

sdN=390.9
fwN=2.26
sdE=58.0
fwE=2.40
20210203T020723.0001.fits
SecZ=1.38
Focus=-1.032
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.032 -1.032 -1.032
T123=13.5 14.4 16.2
ALT/AZ=46.6 -88.4
fwAVG=2.36
sdW=5.4
fwW=2.57
sdS=11.9
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=462.0
fwN=2.45
sdE=66.5
fwE=2.44
20210203T020849.0001.fits
SecZ=1.38
Focus=-1.025
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.025 -1.025 -1.025
T123=13.5 14.4 16.2
ALT/AZ=46.2 -88.2
fwAVG=2.41
sdW=8.8
fwW=2.37
sdS=15.4
fwS=2.39
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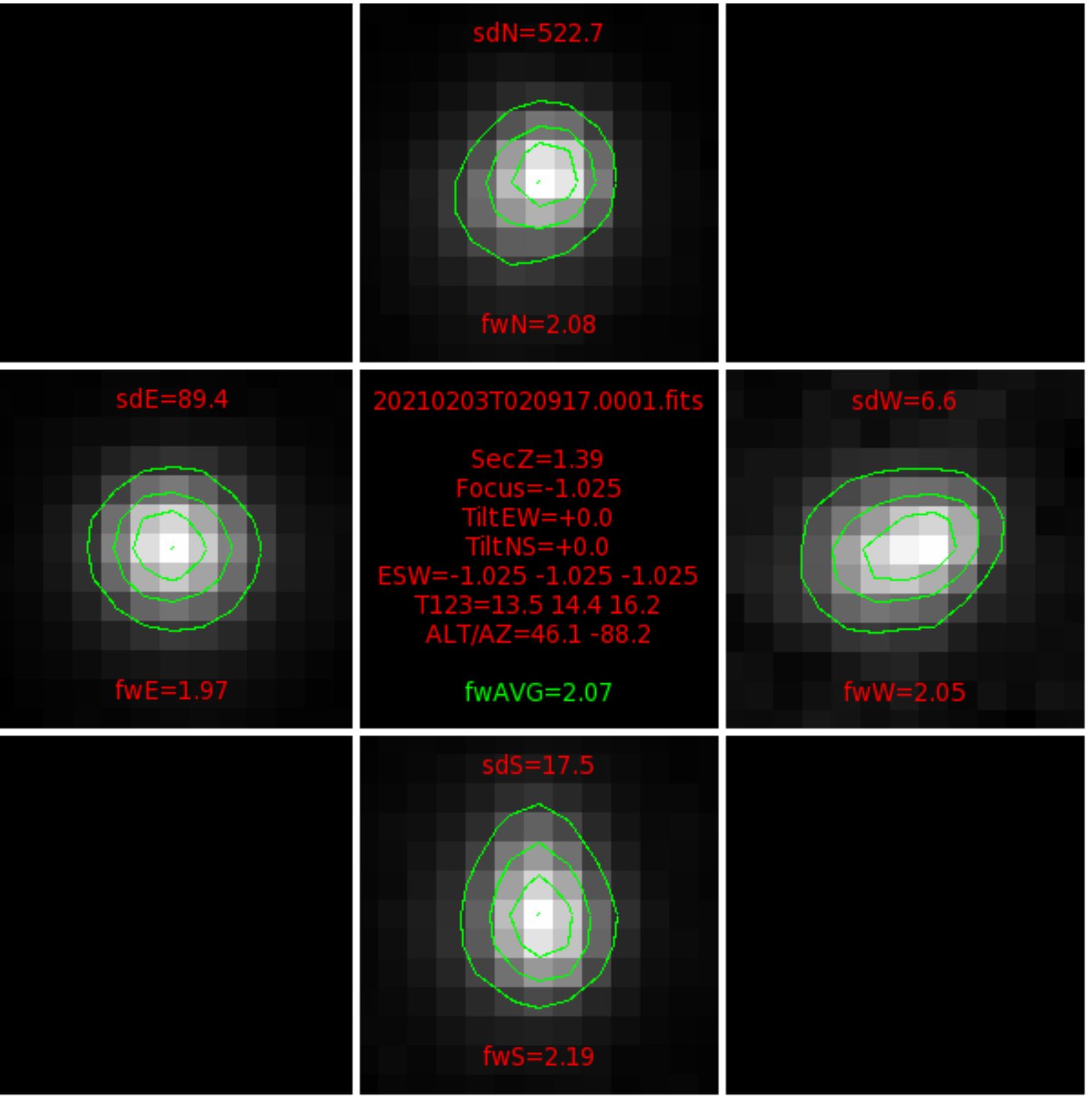
sdN=522.7
fwN=2.08
sdE=89.4
fwE=1.97
20210203T020917.0001.fits
SecZ=1.39
Focus=-1.025
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.025 -1.025 -1.025
T123=13.5 14.4 16.2
ALT/AZ=46.1 -88.2
fwAVG=2.07
sdW=6.6
fwW=2.05
sdS=17.5
fwS=2.19
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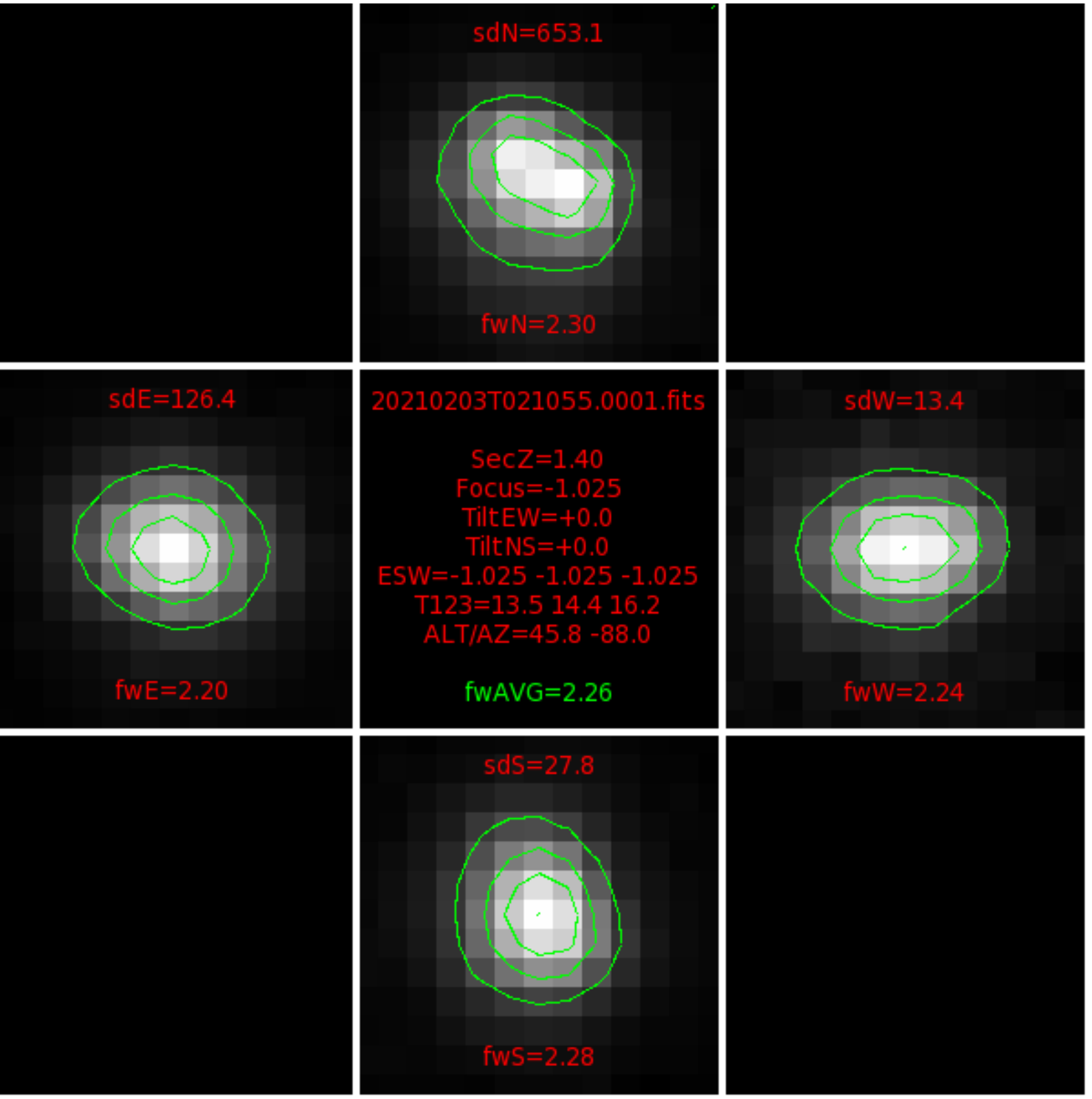
sdN=653.1
fwN=2.30
sdE=126.4
fwE=2.20
20210203T021055.0001.fits
SecZ=1.40
Focus=-1.025
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.025 -1.025 -1.025
T123=13.5 14.4 16.2
ALT/AZ=45.8 -88.0
fwAVG=2.26
sdW=13.4
fwW=2.24
sdS=27.8
fwS=2.28
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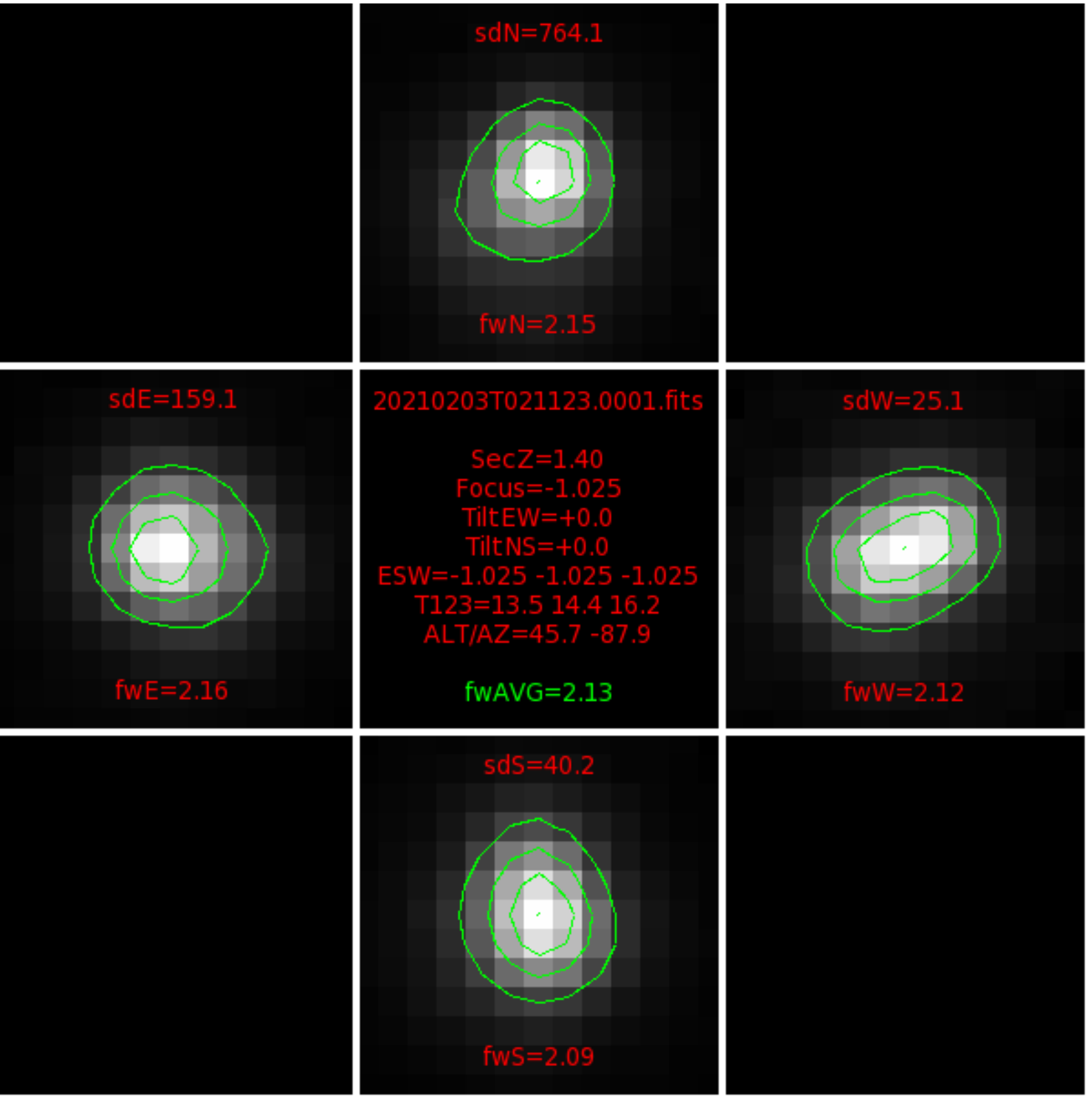
sdN=764.1
fwN=2.15
sdE=159.1
fwE=2.16
20210203T021123.0001.fits
SecZ=1.40
Focus=-1.025
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.025 -1.025 -1.025
T123=13.5 14.4 16.2
ALT/AZ=45.7 -87.9
fwAVG=2.13
sdW=25.1
fwW=2.12
sdS=40.2
fwS=2.09
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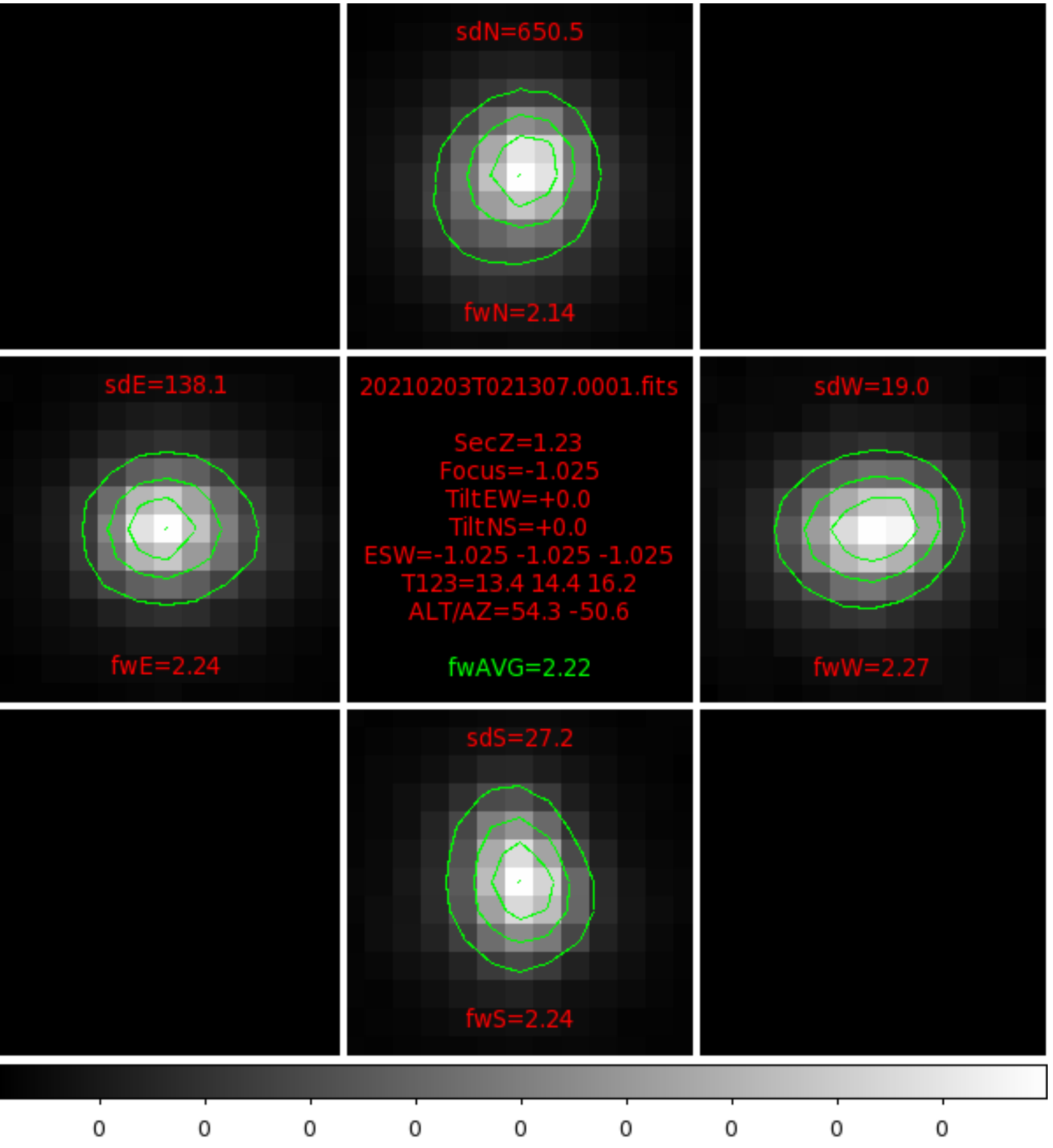
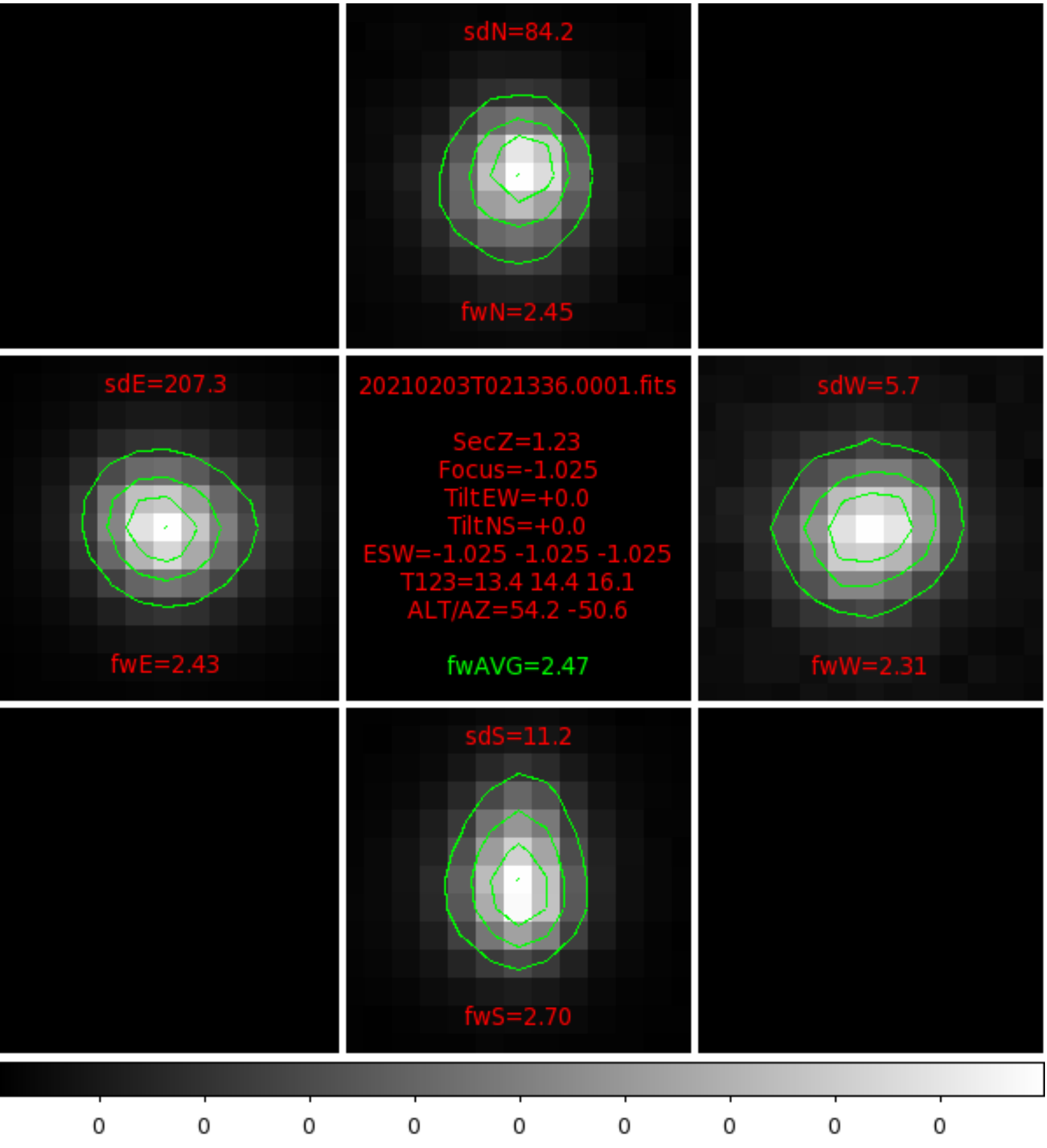
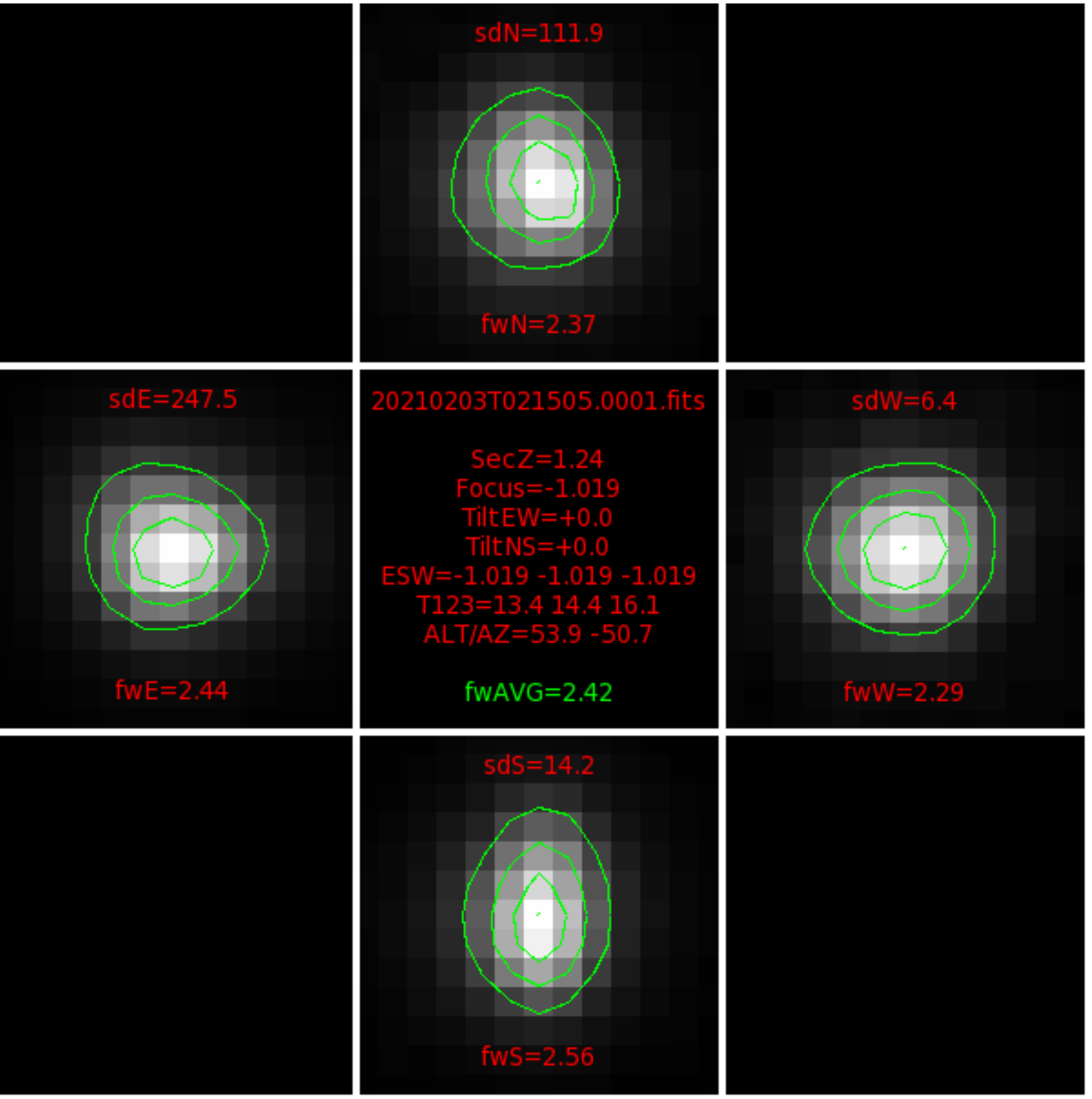
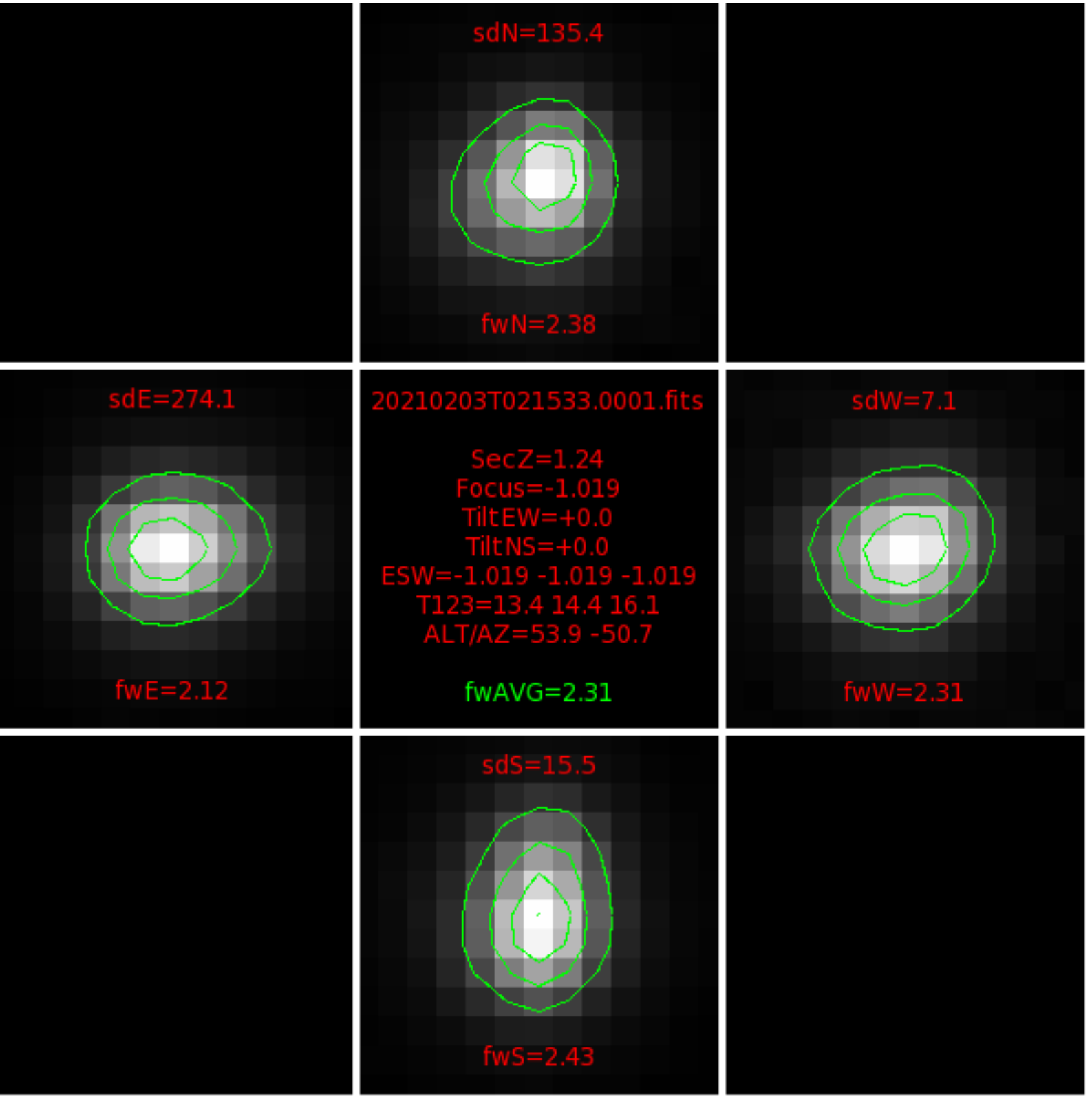
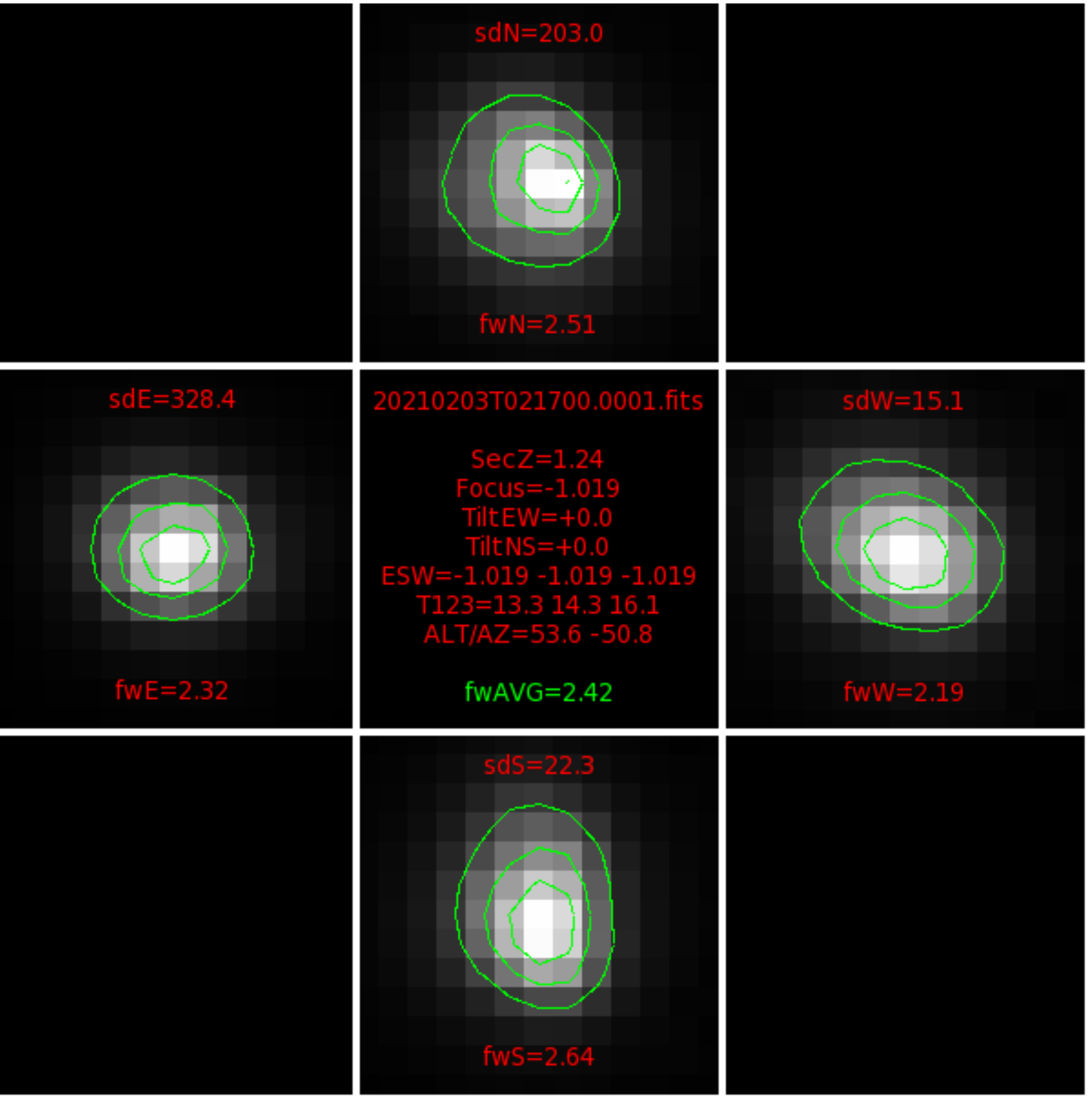
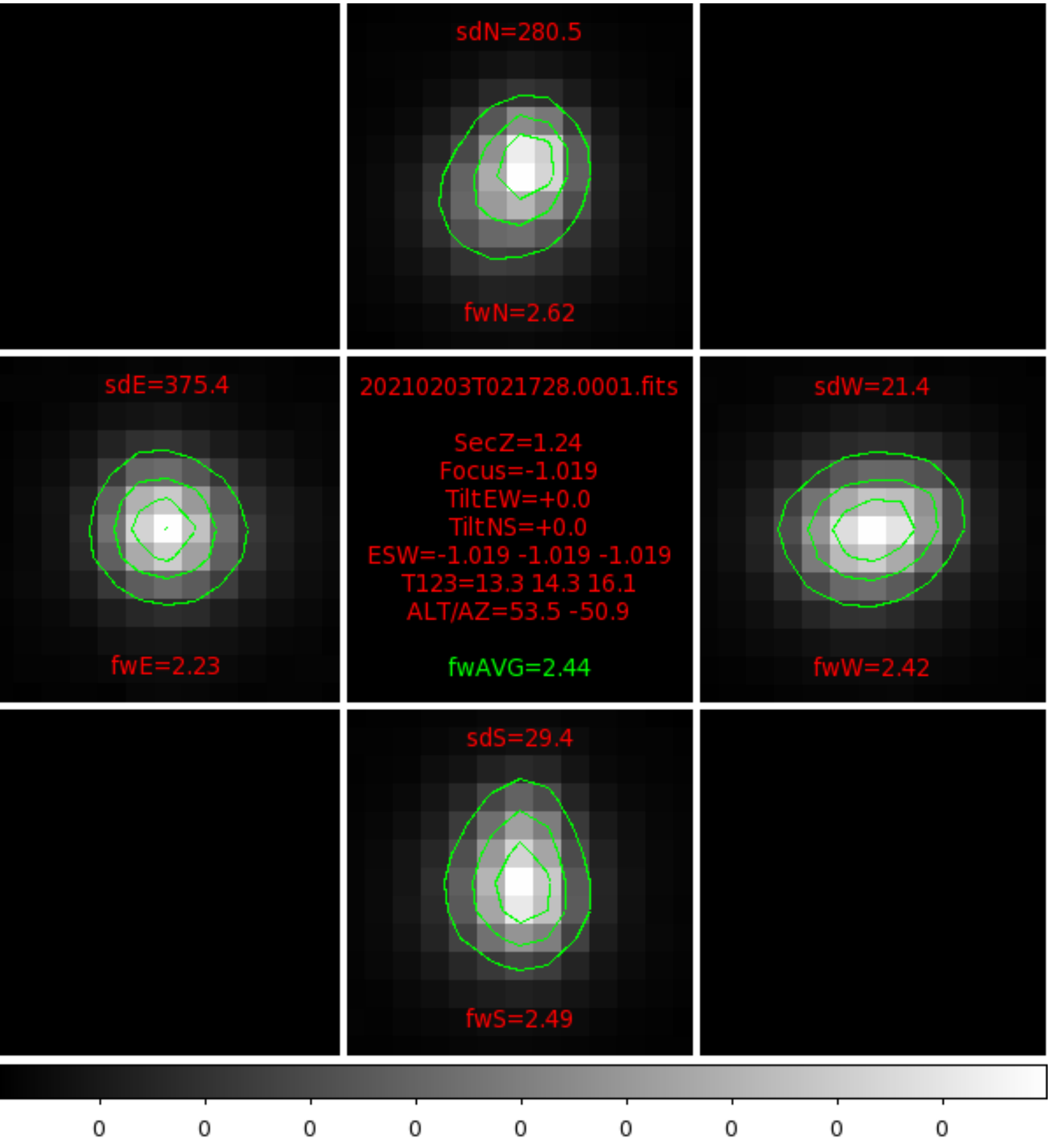

sdN=650.5
fwN=2.14
sdE=138.1
fwE=2.24
20210203T021307.0001.fits
SecZ=1.23
Focus=-1.025
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.025 -1.025 -1.025
T123=13.4 14.4 16.2
ALT/AZ=54.3 -50.6
fwAVG=2.22
sdW=19.0
fwW=2.27
sdS=27.2
fwS=2.24
0 0 0 0 0 0 0 0 0

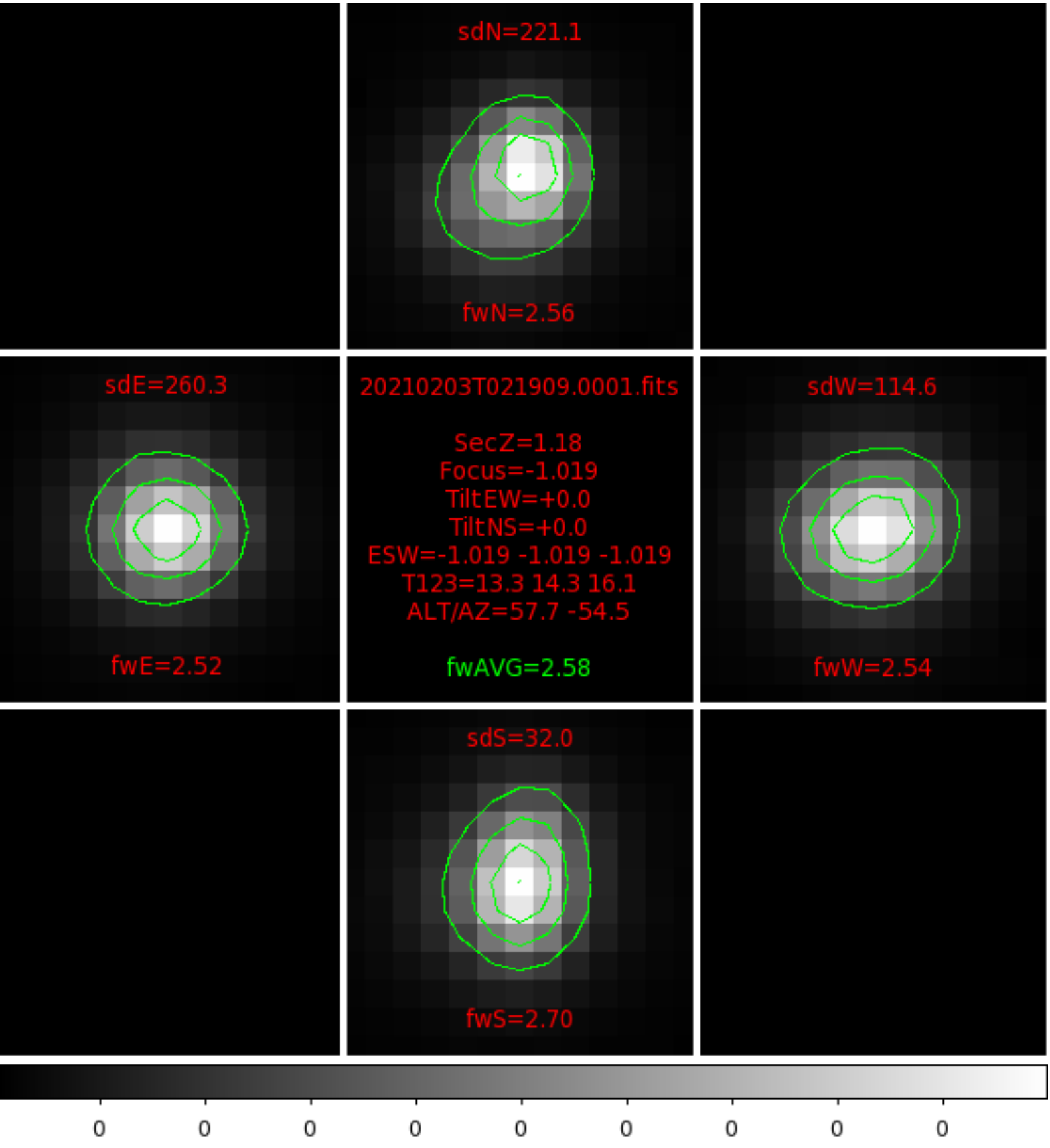

sdN=84.2
fwN=2.45
sdE=207.3
fwE=2.43
20210203T021336.0001.fits
SecZ=1.23
Focus=-1.025
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.025 -1.025 -1.025
T123=13.4 14.4 16.1
ALT/AZ=54.2 -50.6
fwAVG=2.47
sdW=5.7
fwW=2.31
sdS=11.2
fwS=2.70
0 0 0 0 0 0 0 0 0

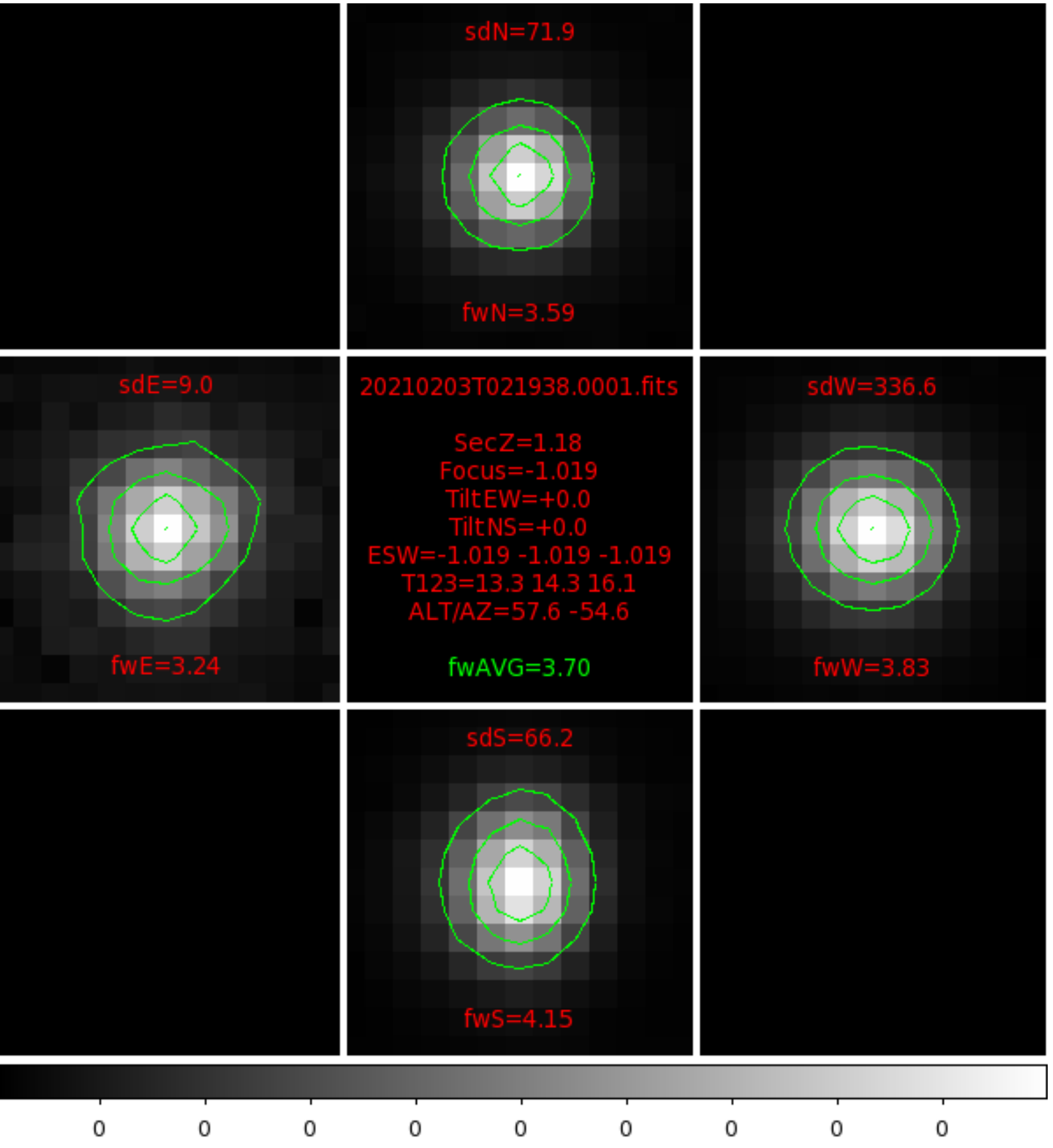

sdN=111.9
fwN=2.37
sdE=247.5
fwE=2.44
20210203T021505.0001.fits
SecZ=1.24
Focus=-1.019
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.019 -1.019 -1.019
T123=13.4 14.4 16.1
ALT/AZ=53.9 -50.7
fwAVG=2.42
sdW=6.4
fwW=2.29
sdS=14.2
fwS=2.56
0 0 0 0 0 0 0 0 0

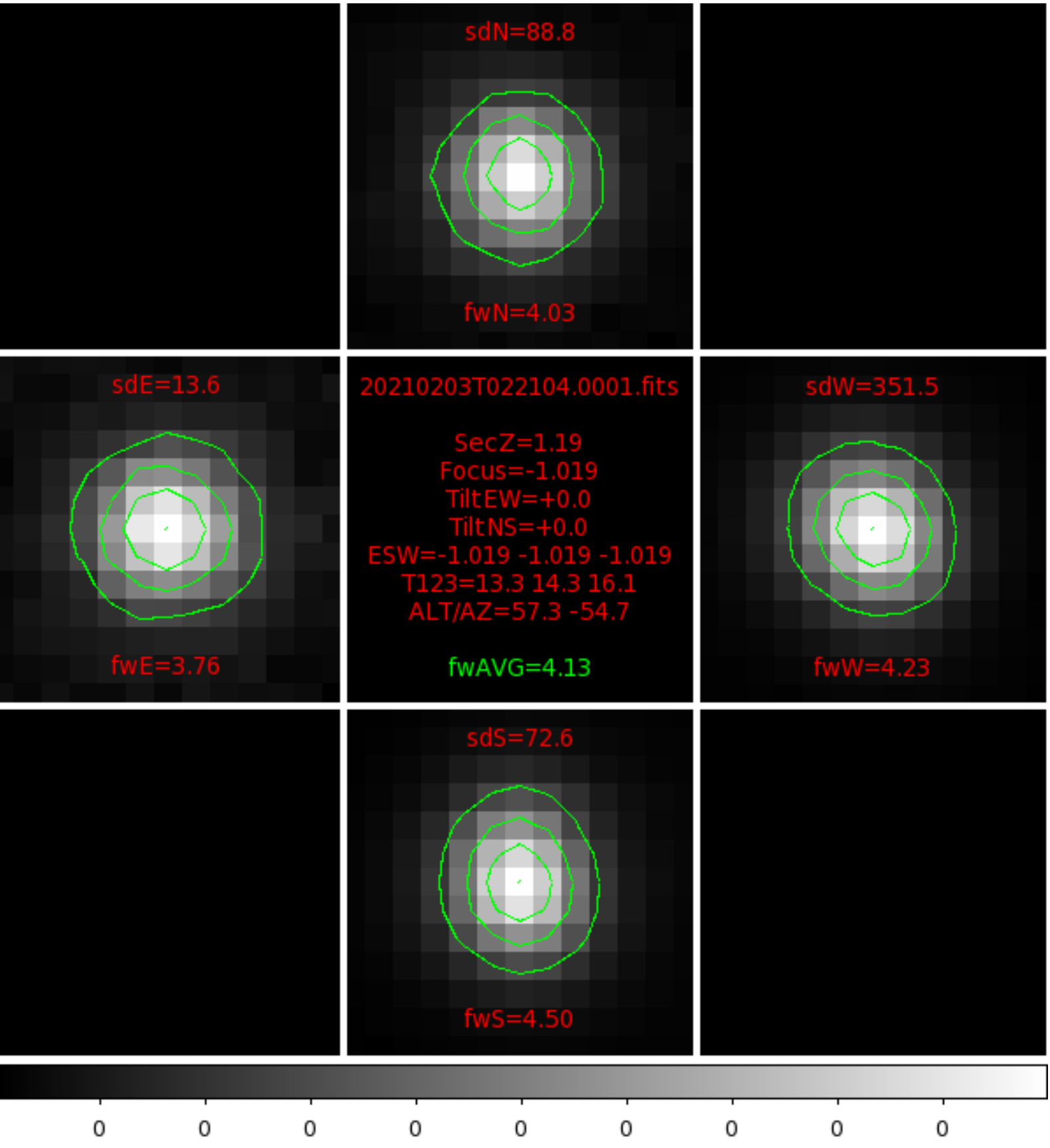

sdN=135.4
fwN=2.38
sdE=274.1
fwE=2.12
20210203T021533.0001.fits
SecZ=1.24
Focus=-1.019
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.019 -1.019 -1.019
T123=13.4 14.4 16.1
ALT/AZ=53.9 -50.7
fwAVG=2.31
sdW=7.1
fwW=2.31
sdS=15.5
fwS=2.43
0 0 0 0 0 0 0 0 0

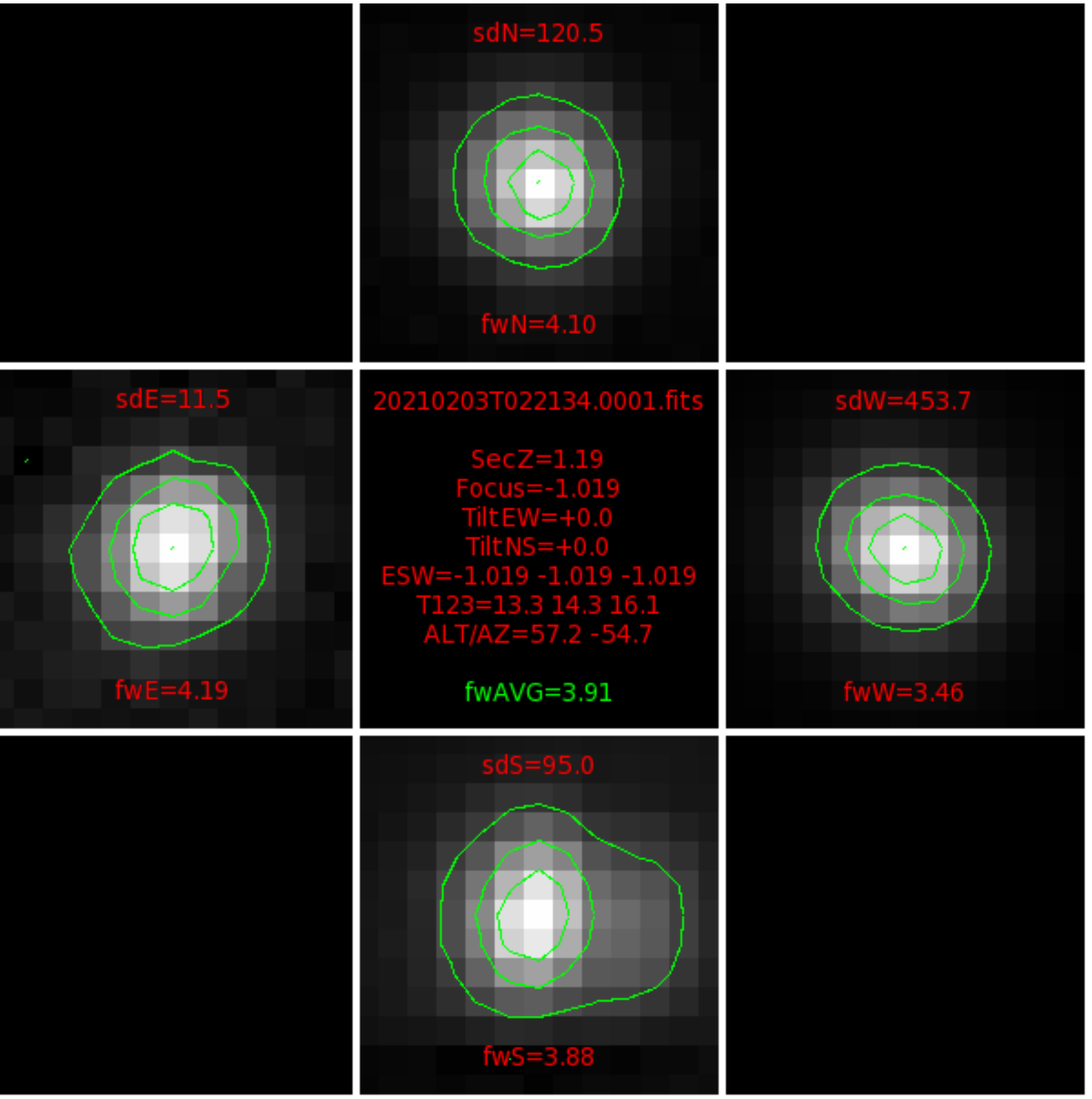

sdN=203.0
fwN=2.51
sdE=328.4
fwE=2.32
20210203T021700.0001.fits
SecZ=1.24
Focus=-1.019
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.019 -1.019 -1.019
T123=13.3 14.3 16.1
ALT/AZ=53.6 -50.8
fwAVG=2.42
sdW=15.1
fwW=2.19
sdS=22.3
fwS=2.64
0 0 0 0 0 0 0 0 0

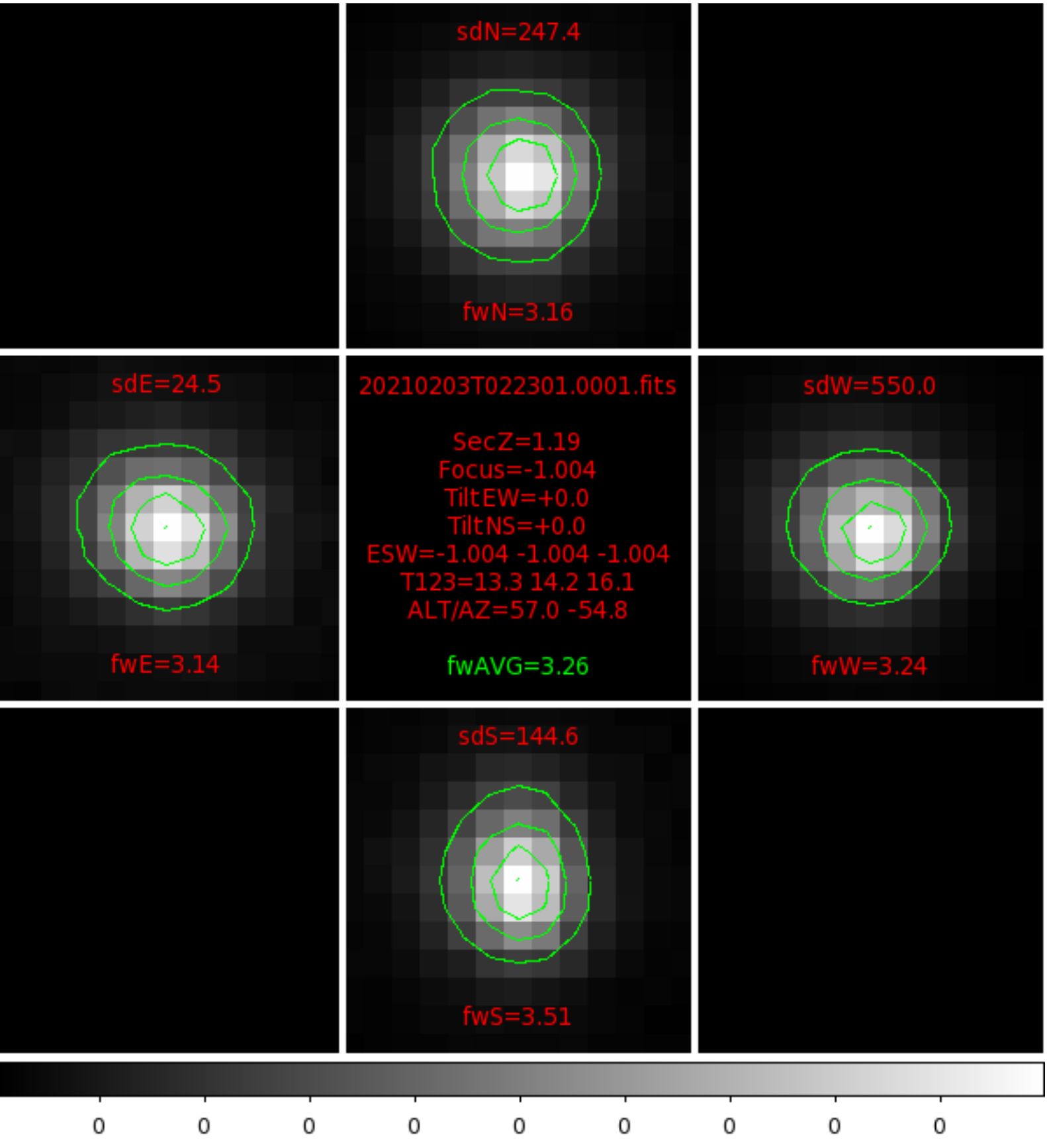

sdN=280.5
fwN=2.62
sdE=375.4
fwE=2.23
20210203T021728.0001.fits
SecZ=1.24
Focus=-1.019
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.019 -1.019 -1.019
T123=13.3 14.3 16.1
ALT/AZ=53.5 -50.9
fwAVG=2.44
sdW=21.4
fwW=2.42
sdS=29.4
fwS=2.49
0 0 0 0 0 0 0 0 0

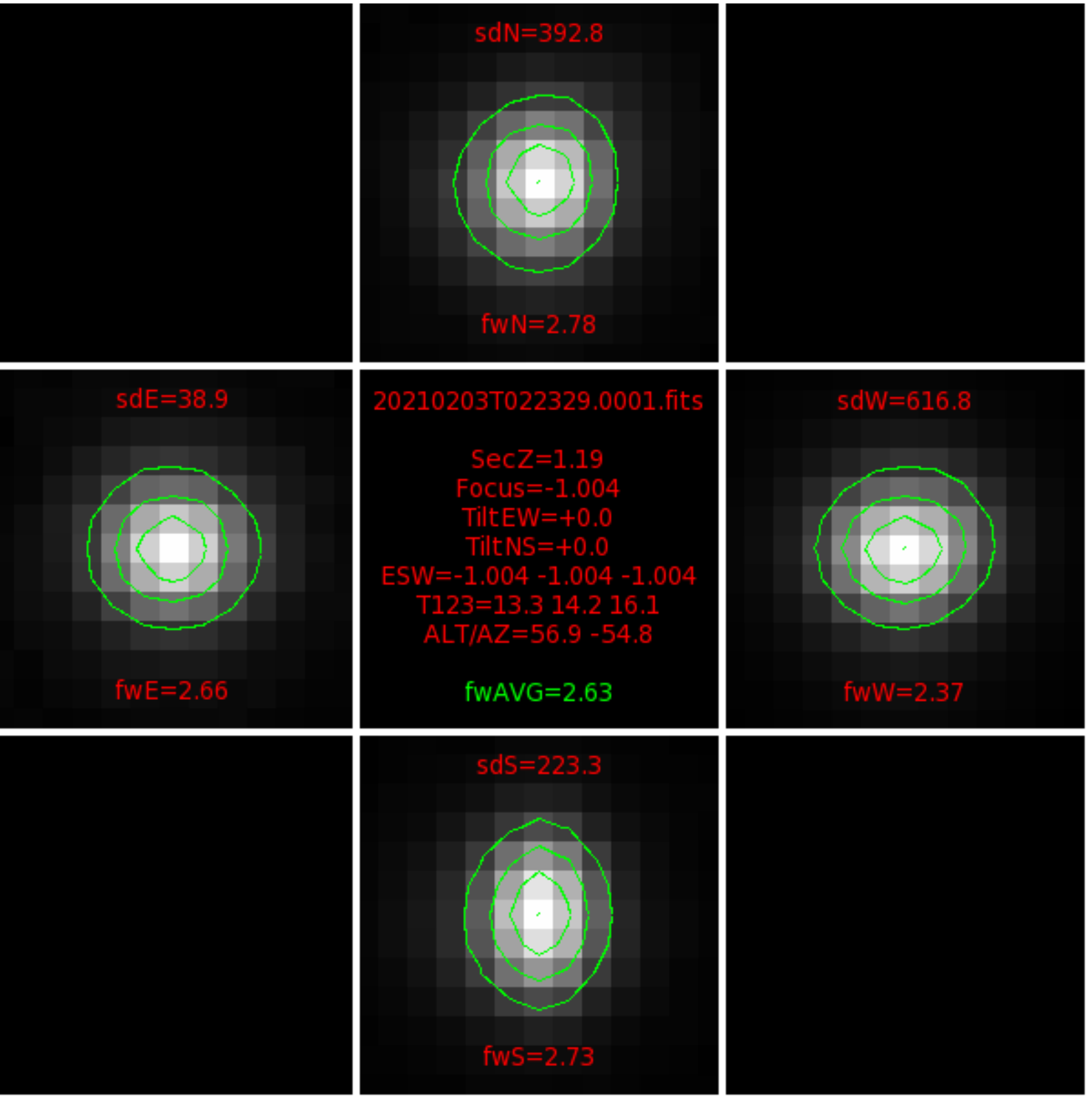

sdN=221.1
fwN=2.56
sdE=260.3
fwE=2.52
20210203T021909.0001.fits
SecZ=1.18
Focus=-1.019
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.019 -1.019 -1.019
T123=13.3 14.3 16.1
ALT/AZ=57.7 -54.5
fwAVG=2.58
sdW=114.6
fwW=2.54
sdS=32.0
fwS=2.70
0 0 0 0 0 0 0 0 0

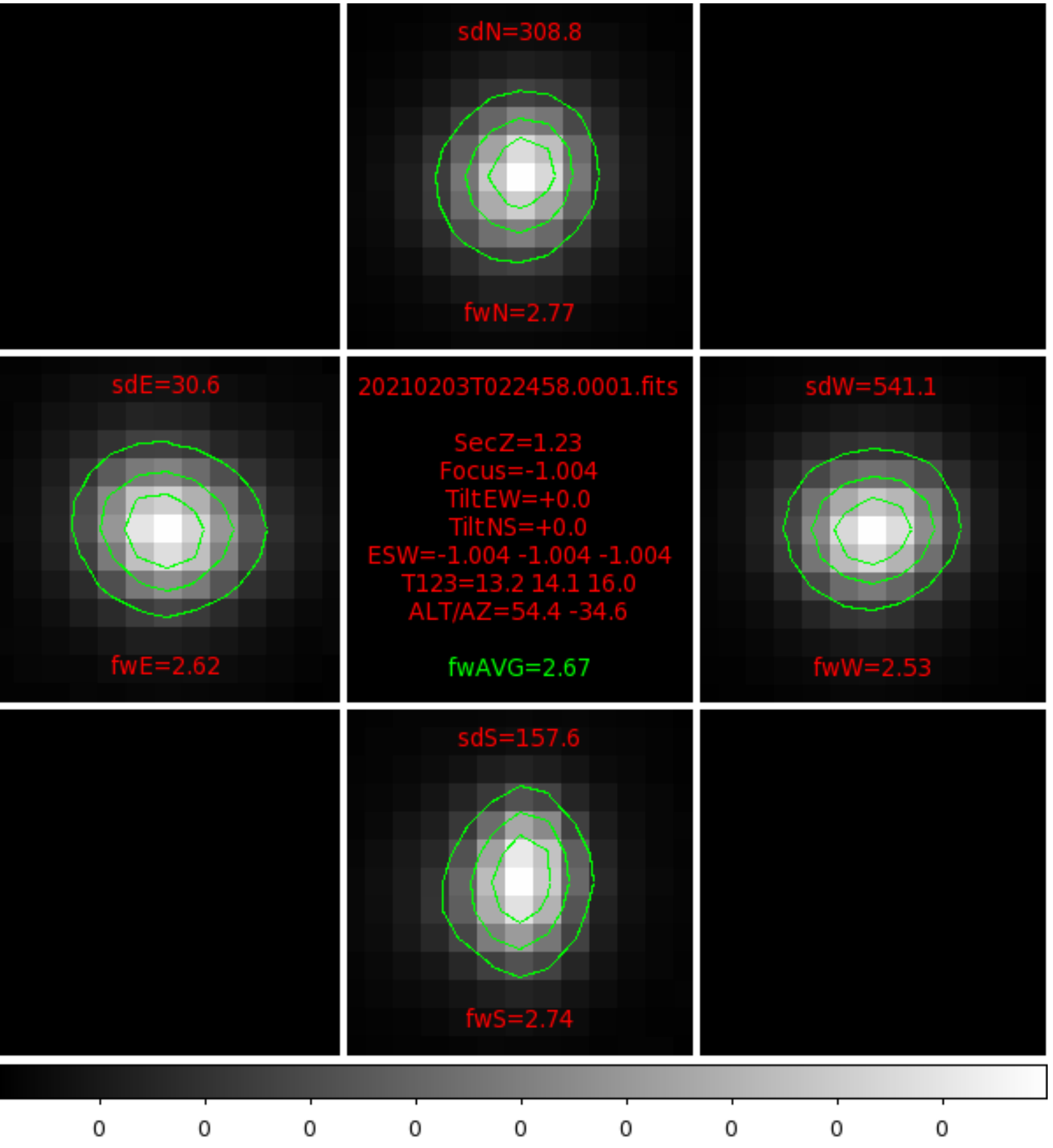

sdN=71.9
fwN=3.59
sdE=9.0
fwE=3.24
20210203T021938.0001.fits
SecZ=1.18
Focus=-1.019
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.019 -1.019 -1.019
T123=13.3 14.3 16.1
ALT/AZ=57.6 -54.6
fwAVG=3.70
sdW=336.6
fwW=3.83
sdS=66.2
fwS=4.15
0 0 0 0 0 0 0 0 0

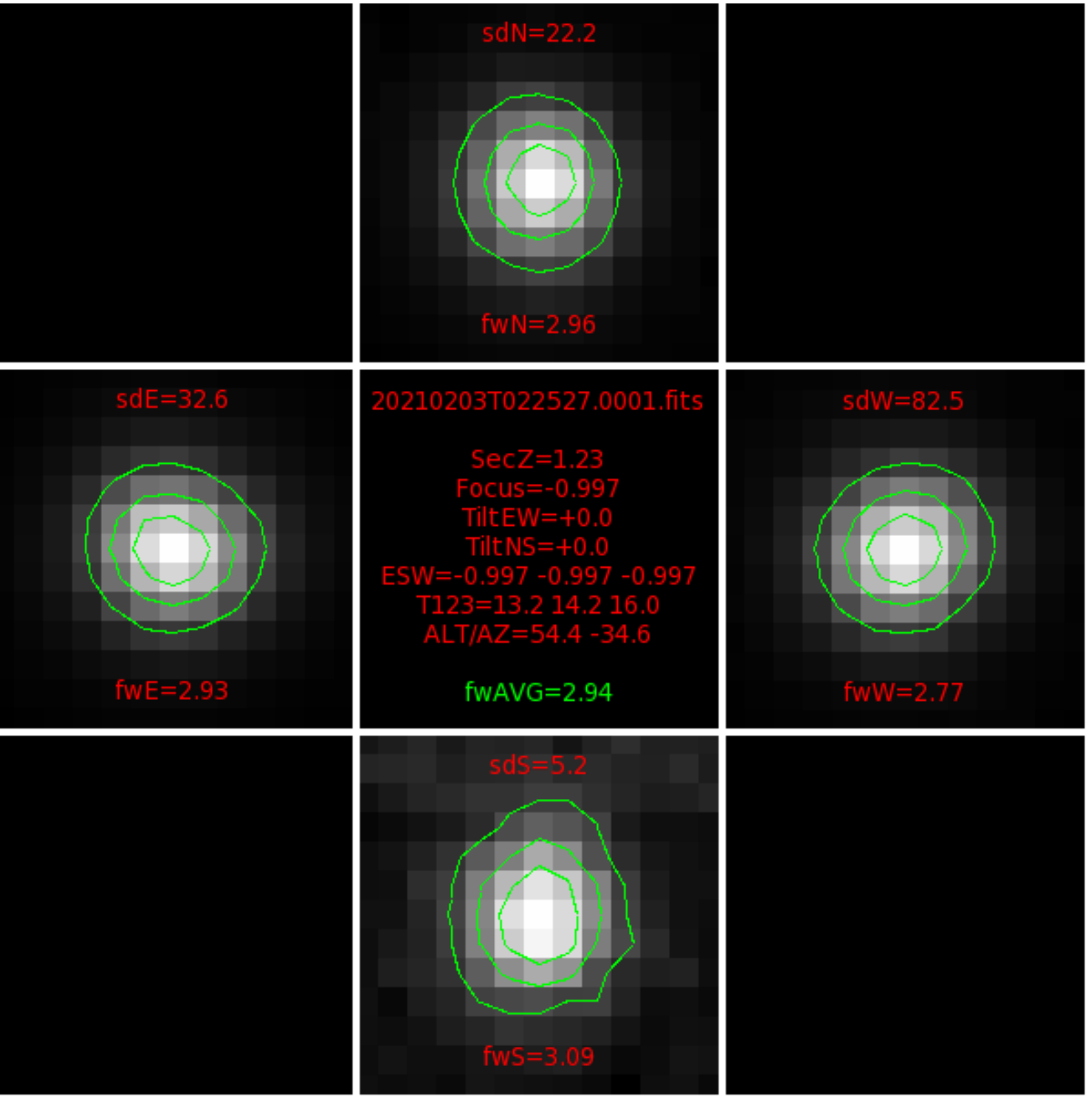

sdN=88.8
fwN=4.03
sdE=13.6
fwE=3.76
20210203T022104.0001.fits
SecZ=1.19
Focus=-1.019
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.019 -1.019 -1.019
T123=13.3 14.3 16.1
ALT/AZ=57.3 -54.7
fwAVG=4.13
sdW=351.5
fwW=4.23
sdS=72.6
fwS=4.50
0 0 0 0 0 0 0 0 0

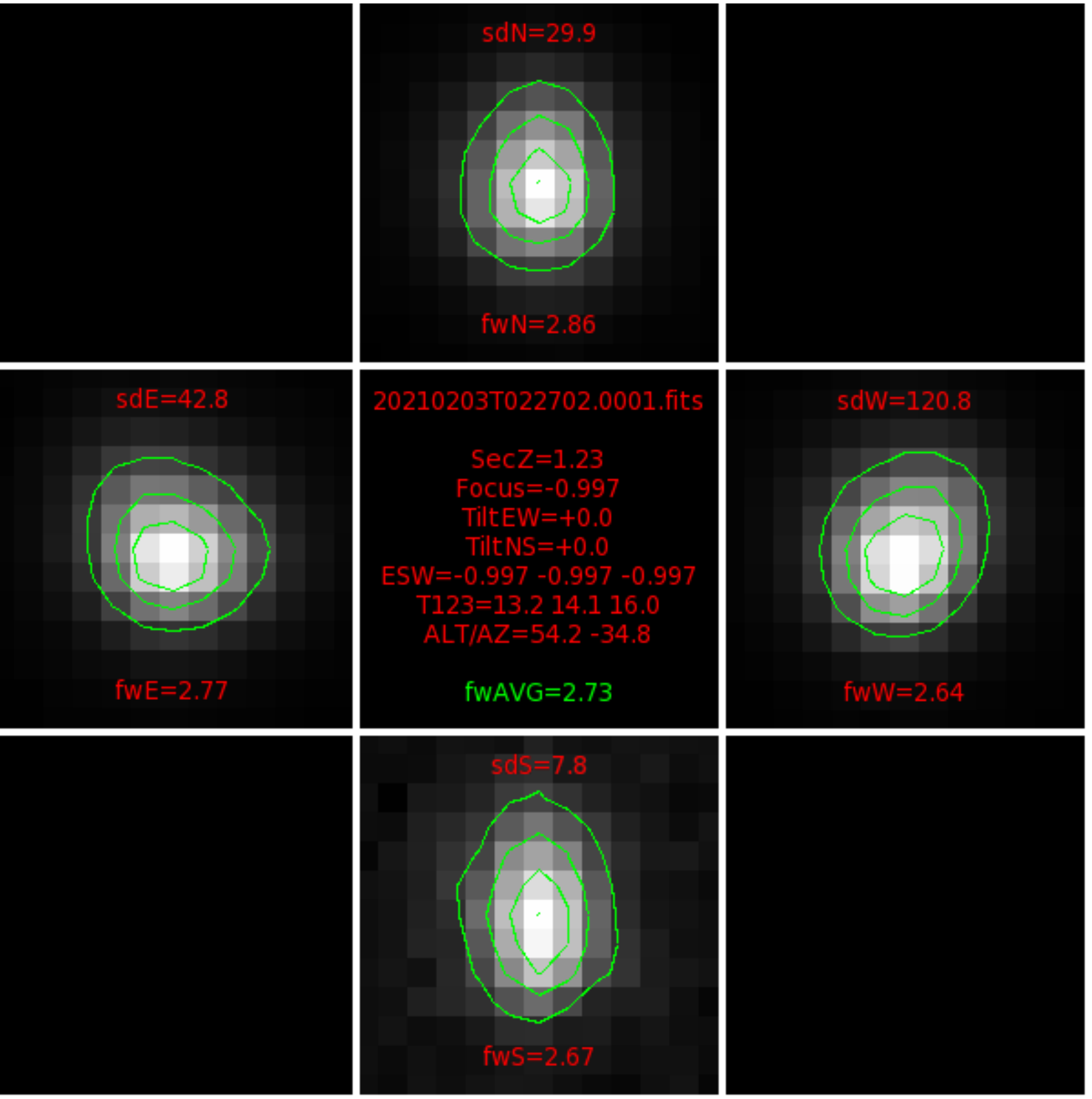

sdN=120.5
fwN=4.10
sdE=11.5
fwE=4.19
20210203T022134.0001.fits
SecZ=1.19
Focus=-1.019
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.019 -1.019 -1.019
T123=13.3 14.3 16.1
ALT/AZ=57.2 -54.7
fwAVG=3.91
sdW=453.7
fwW=3.46
sdS=95.0
fwS=3.88
0 0 0 0 0 0 0 0 0

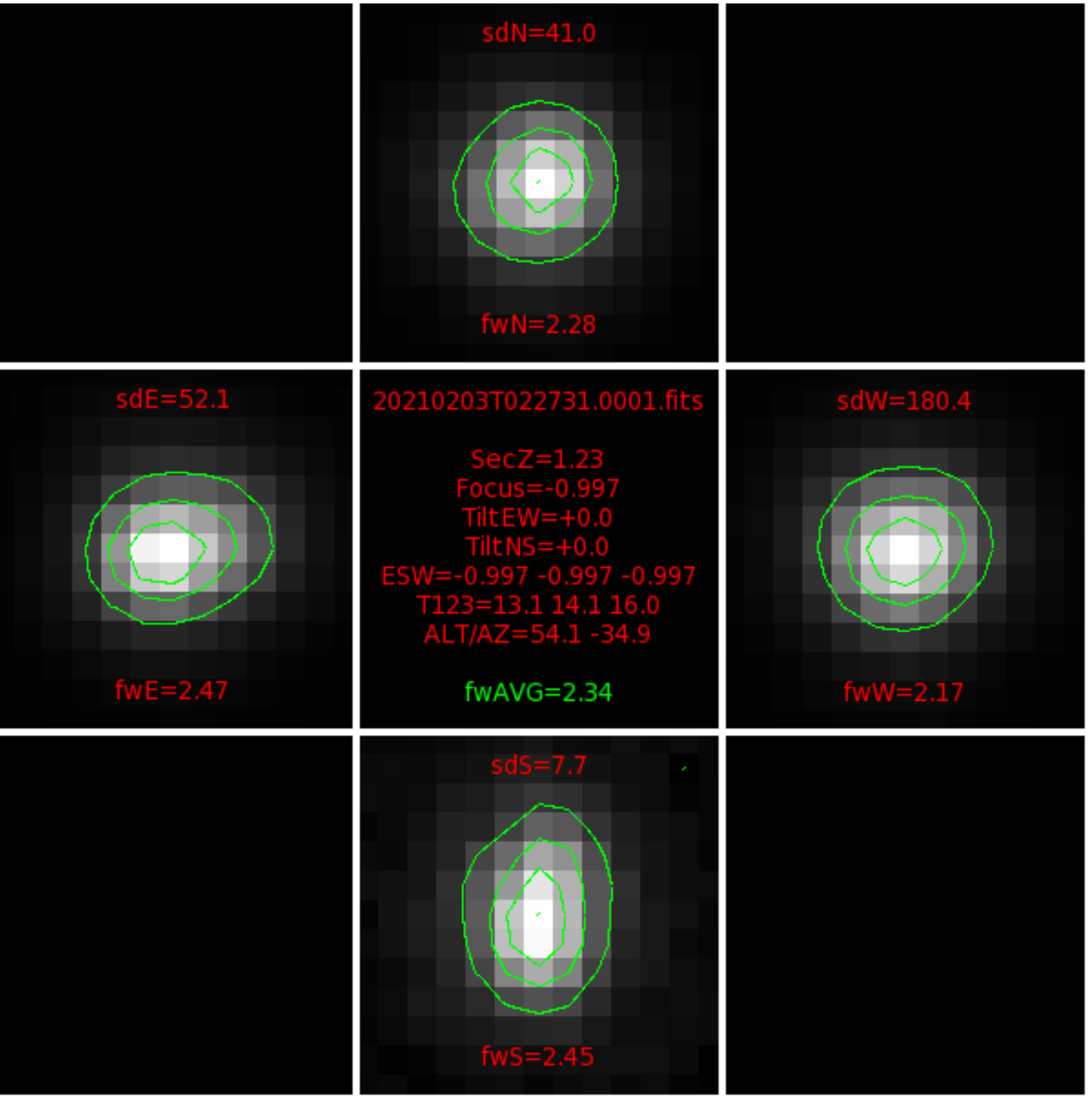

sdN=247.4
fwN=3.16
sdE=24.5
fwE=3.14
20210203T022301.0001.fits
SecZ=1.19
Focus=-1.004
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.004 -1.004 -1.004
T123=13.3 14.2 16.1
ALT/AZ=57.0 -54.8
fwAVG=3.26
sdW=550.0
fwW=3.24
sdS=144.6
fwS=3.51
0 0 0 0 0 0 0 0 0


sdN=392.8
fwN=2.78
sdE=38.9
fwE=2.66
20210203T022329.0001.fits
SecZ=1.19
Focus=-1.004
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.004 -1.004 -1.004
T123=13.3 14.2 16.1
ALT/AZ=56.9 -54.8
fwAVG=2.63
sdW=616.8
fwW=2.37
sdS=223.3
fwS=2.73
0 0 0 0 0 0 0 0 0


sdN=308.8
fwN=2.77
sdE=30.6
fwE=2.62
20210203T022458.0001.fits
SecZ=1.23
Focus=-1.004
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.004 -1.004 -1.004
T123=13.2 14.1 16.0
ALT/AZ=54.4 -34.6
fwAVG=2.67
sdW=541.1
fwW=2.53
sdS=157.6
fwS=2.74
0 0 0 0 0 0 0 0 0


sdN=22.2
fwN=2.96
sdE=32.6
fwE=2.93
20210203T022527.0001.fits
SecZ=1.23
Focus=-0.997
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.997 -0.997 -0.997
T123=13.2 14.2 16.0
ALT/AZ=54.4 -34.6
fwAVG=2.94
sdW=82.5
fwW=2.77
sdS=5.2
fwS=3.09
0 0 0 0 0 0 0 0 0


sdN=29.9
fwN=2.86
sdE=42.8
fwE=2.77
20210203T022702.0001.fits
SecZ=1.23
Focus=-0.997
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.997 -0.997 -0.997
T123=13.2 14.1 16.0
ALT/AZ=54.2 -34.8
fwAVG=2.73
sdW=120.8
fwW=2.64
sdS=7.8
fwS=2.67
0 0 0 0 0 0 0 0 0


sdN=41.0
fwN=2.28
sdE=52.1
fwE=2.47
20210203T022731.0001.fits
SecZ=1.23
Focus=-0.997
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.997 -0.997 -0.997
T123=13.1 14.1 16.0
ALT/AZ=54.1 -34.9
fwAVG=2.34
sdW=180.4
fwW=2.17
sdS=7.7
fwS=2.45
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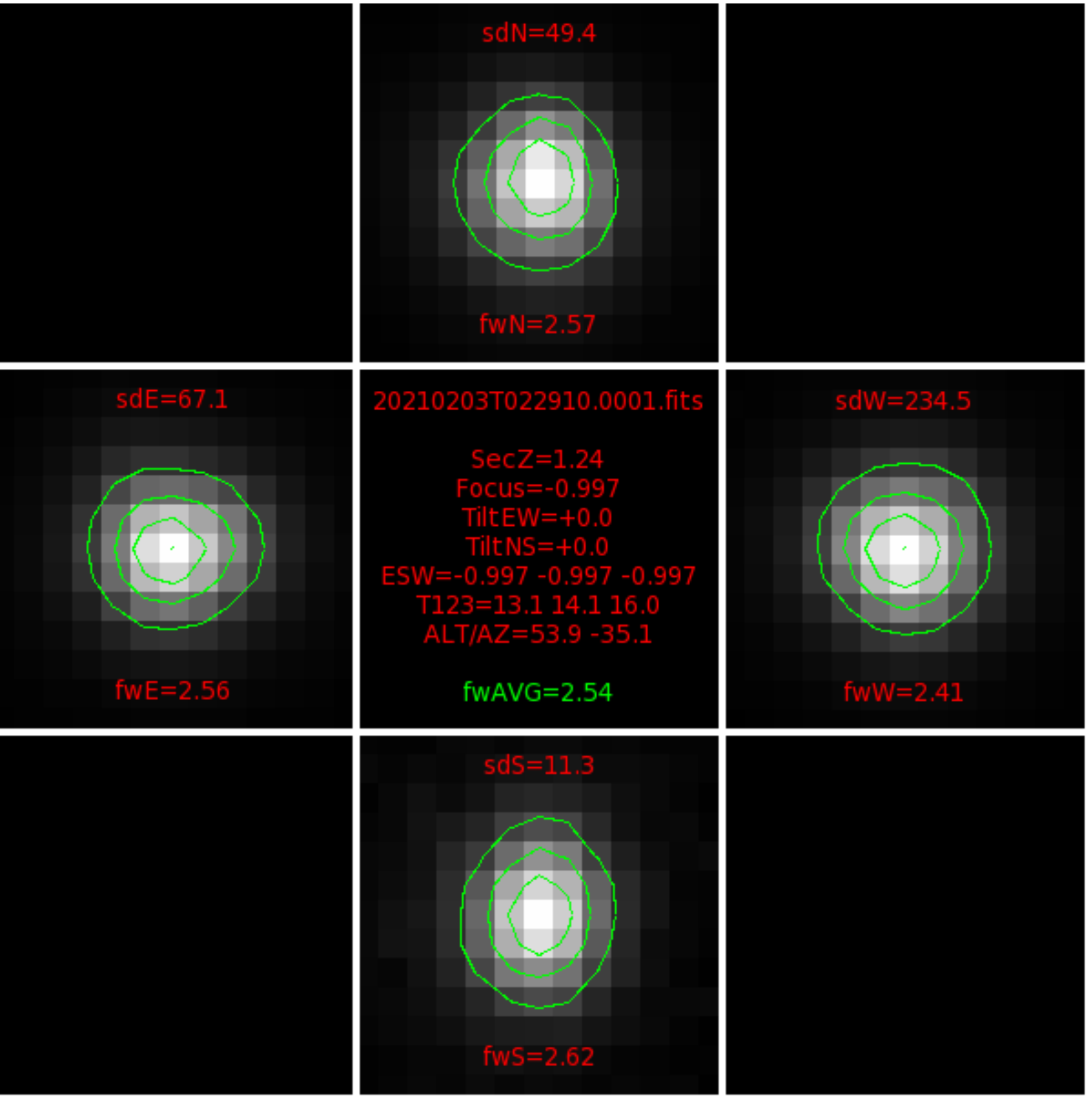
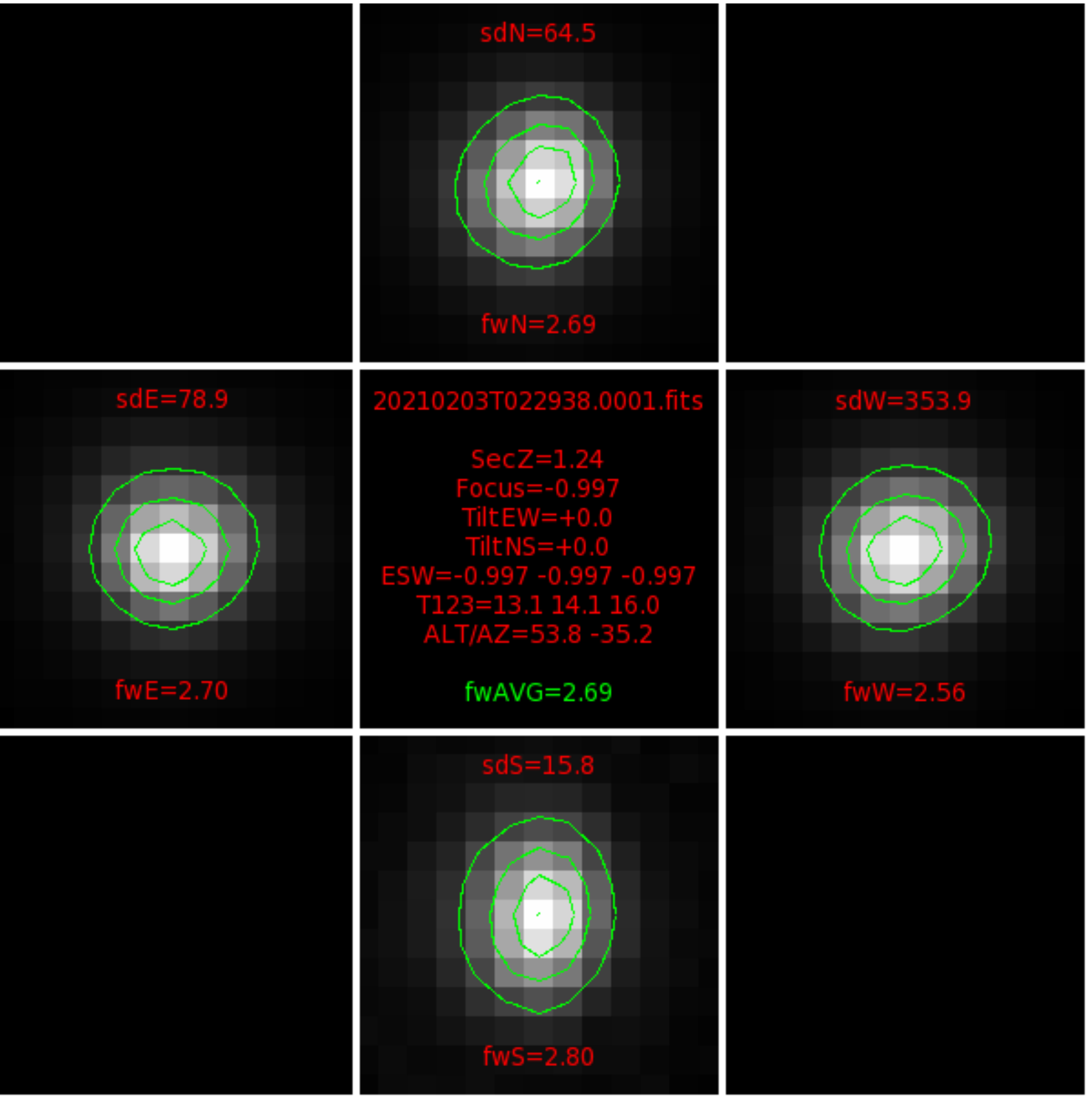
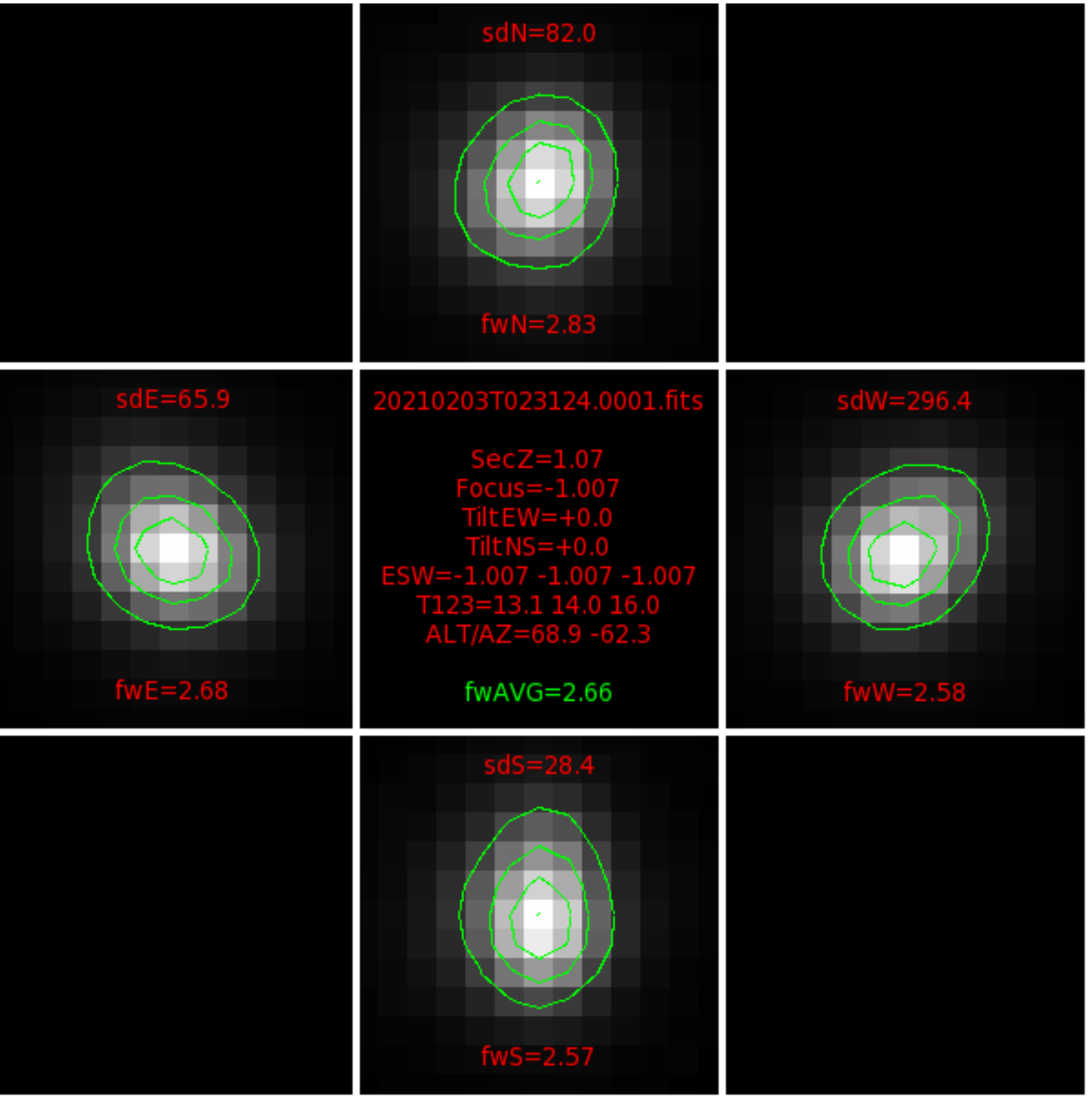
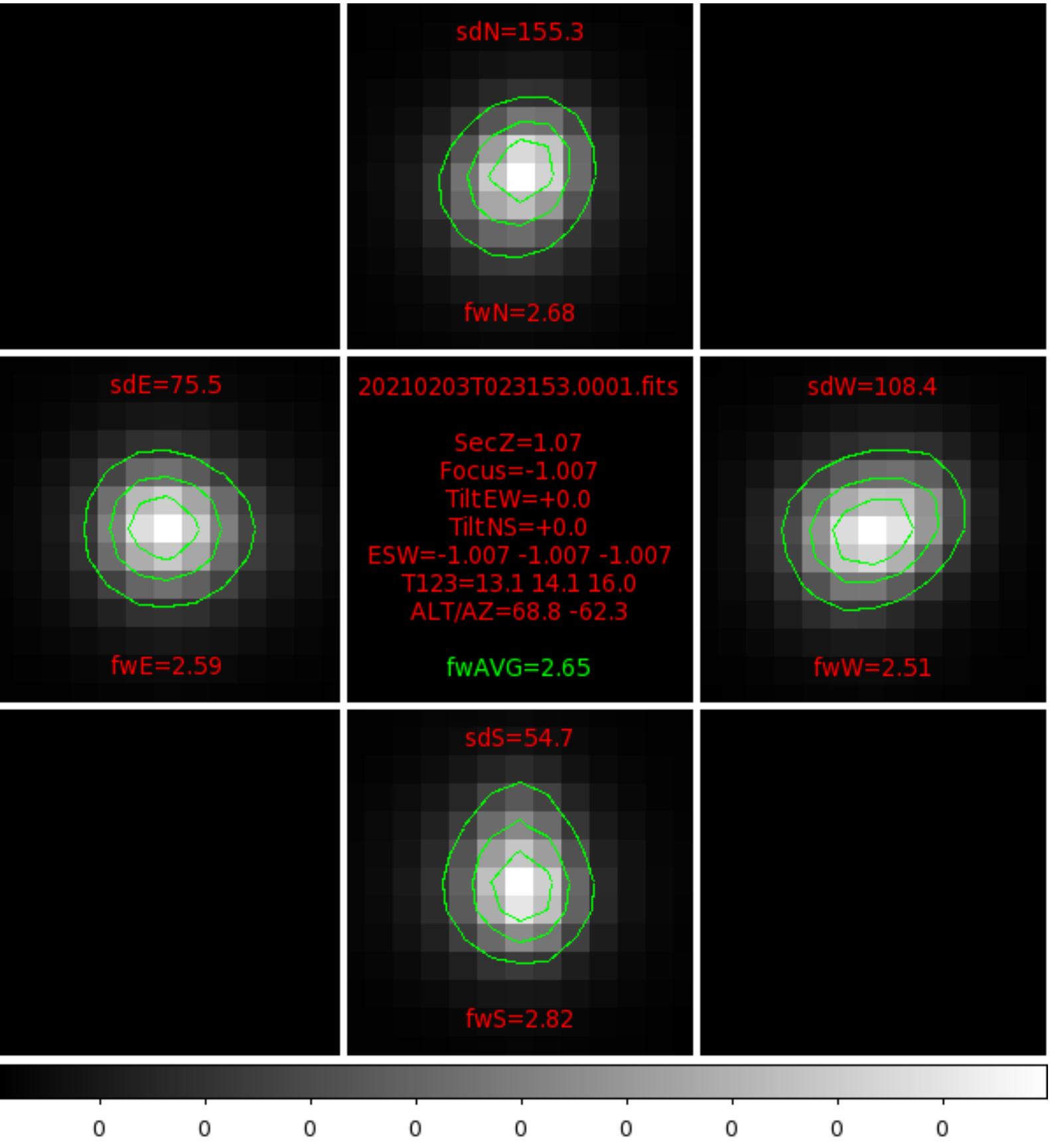

sdN=49.4
fwN=2.57
sdE=67.1
fwE=2.56
20210203T022910.0001.fits
SecZ=1.24
Focus=-0.997
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.997 -0.997 -0.997
T123=13.1 14.1 16.0
ALT/AZ=53.9 -35.1
fwAVG=2.54
sdW=234.5
fwW=2.41
sdS=11.3
fwS=2.62
0 0 0 0 0 0 0 0 0


sdN=64.5
fwN=2.69
sdE=78.9
fwE=2.70
20210203T022938.0001.fits
SecZ=1.24
Focus=-0.997
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.997 -0.997 -0.997
T123=13.1 14.1 16.0
ALT/AZ=53.8 -35.2
fwAVG=2.69
sdW=353.9
fwW=2.56
sdS=15.8
fwS=2.80
0 0 0 0 0 0 0 0 0


sdN=82.0
fwN=2.83
sdE=65.9
fwE=2.68
20210203T023124.0001.fits
SecZ=1.07
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=13.1 14.0 16.0
ALT/AZ=68.9 -62.3
fwAVG=2.66
sdW=296.4
fwW=2.58
sdS=28.4
fwS=2.57
0 0 0 0 0 0 0 0 0


sdN=155.3
fwN=2.68
sdE=75.5
fwE=2.59
20210203T023153.0001.fits
SecZ=1.07
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=13.1 14.1 16.0
ALT/AZ=68.8 -62.3
fwAVG=2.65
sdW=108.4
fwW=2.51
sdS=54.7
fwS=2.82
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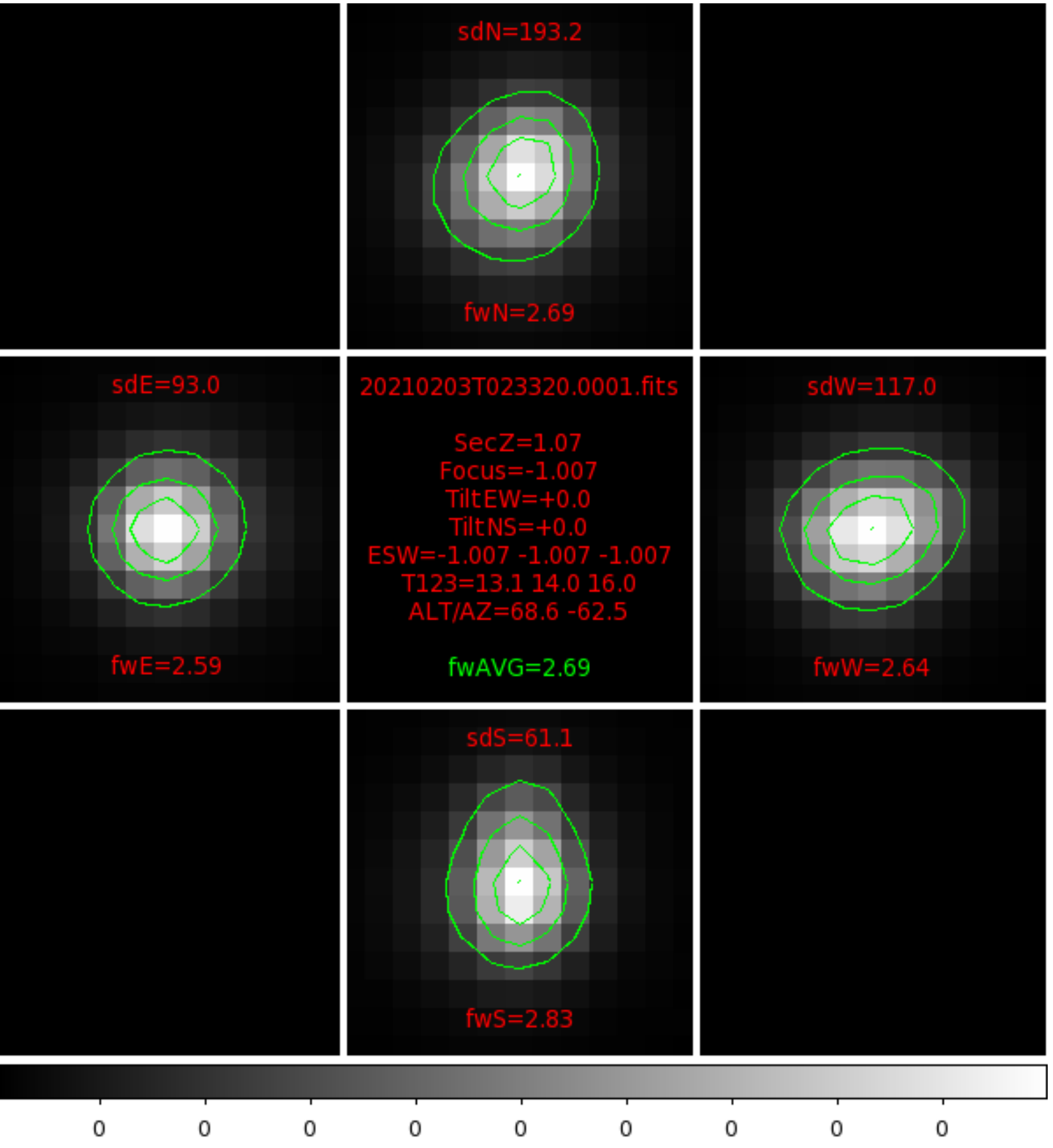
sdN=193.2
fwN=2.69
sdE=93.0
fwE=2.59
20210203T023320.0001.fits
SecZ=1.07
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=13.1 14.0 16.0
ALT/AZ=68.6 -62.5
fwAVG=2.69
sdW=117.0
fwW=2.64
sdS=61.1
fwS=2.83
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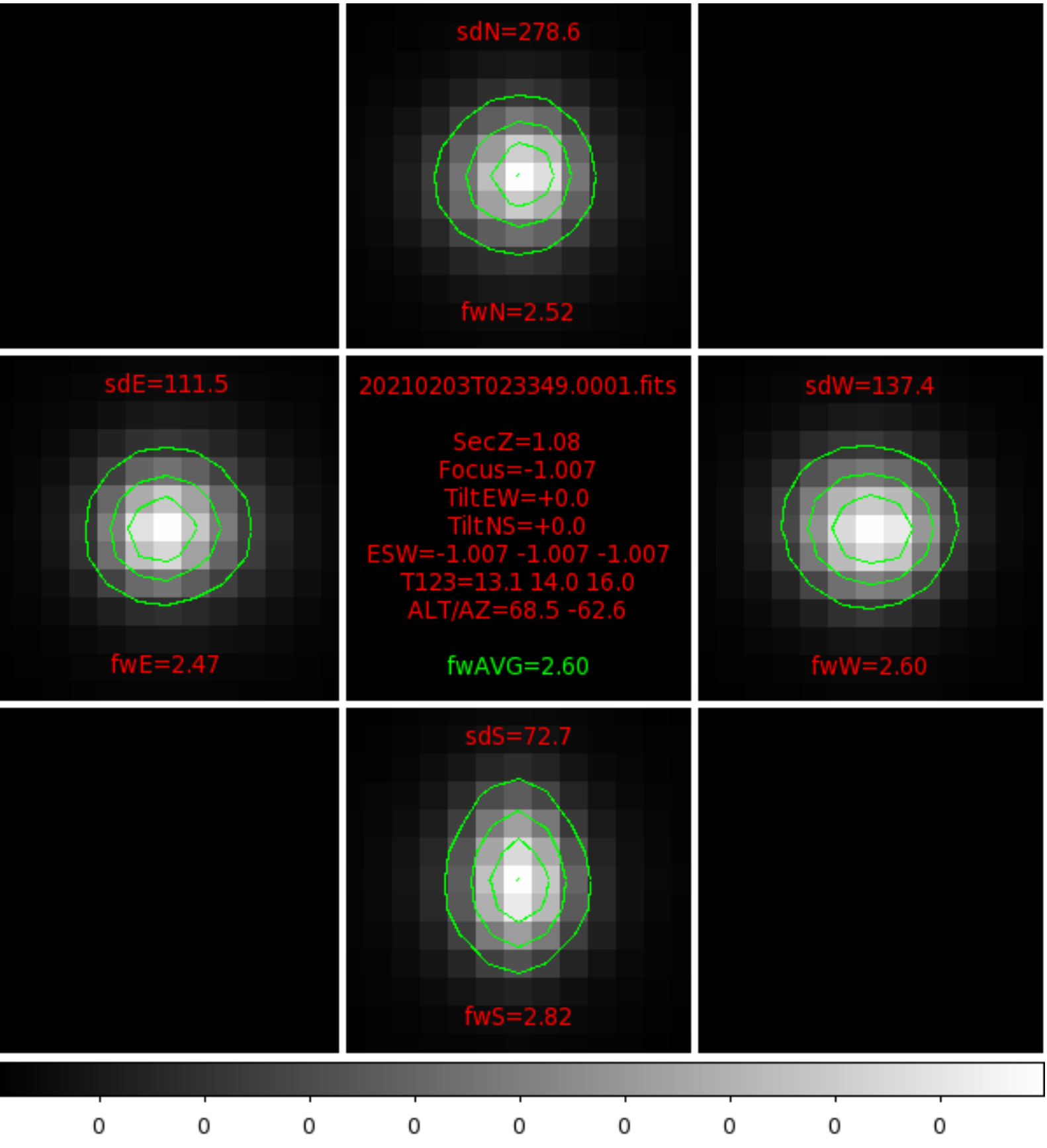
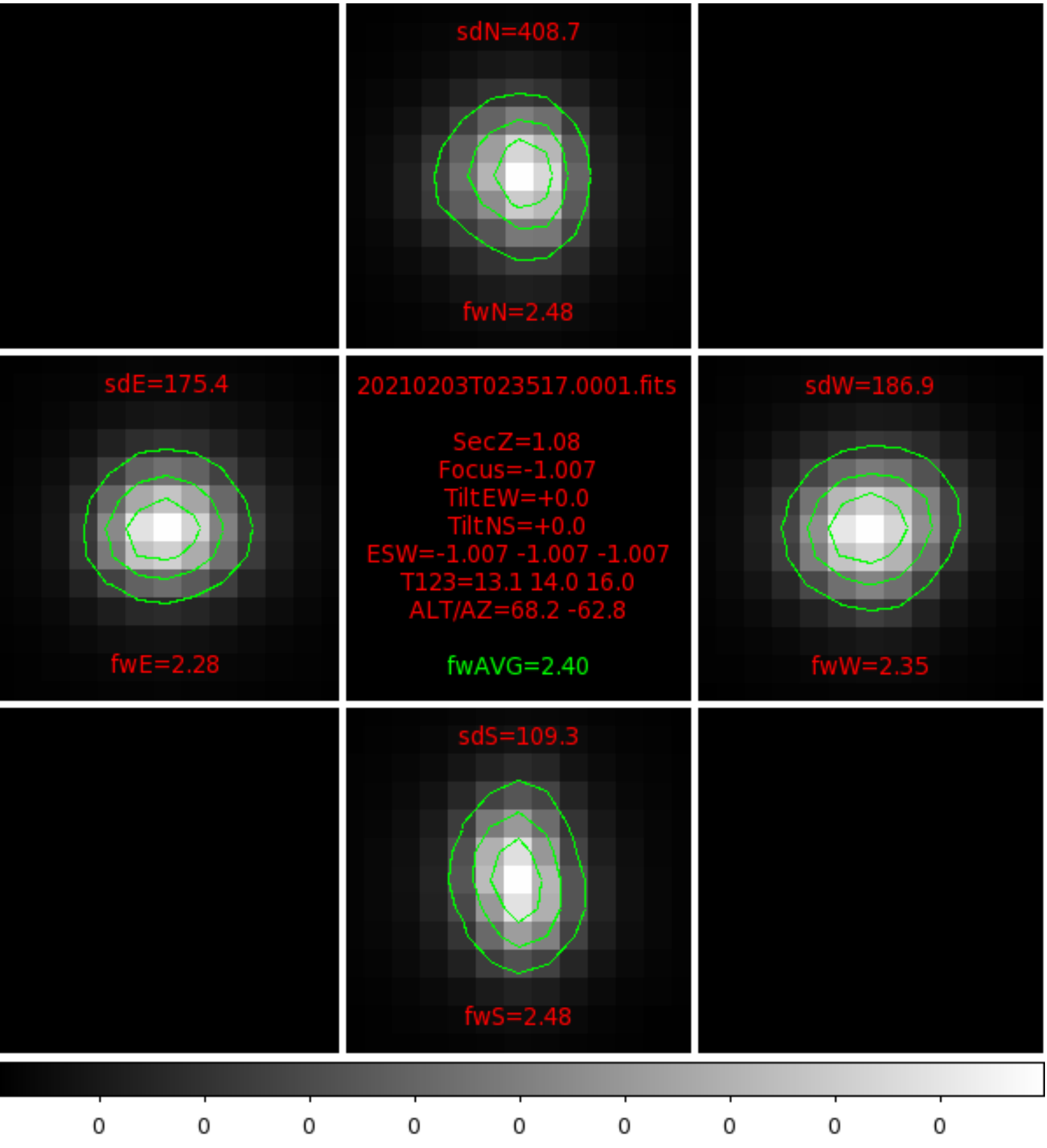

sdN=278.6
fwN=2.52
sdE=111.5
fwE=2.47
20210203T023349.0001.fits
SecZ=1.08
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=13.1 14.0 16.0
ALT/AZ=68.5 -62.6
fwAVG=2.60
sdW=137.4
fwW=2.60
sdS=72.7
fwS=2.82
0 0 0 0 0 0 0 0 0


sdN=408.7
fwN=2.48
sdE=175.4
fwE=2.28
20210203T023517.0001.fits
SecZ=1.08
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=13.1 14.0 16.0
ALT/AZ=68.2 -62.8
fwAVG=2.40
sdW=186.9
fwW=2.35
sdS=109.3
fwS=2.48
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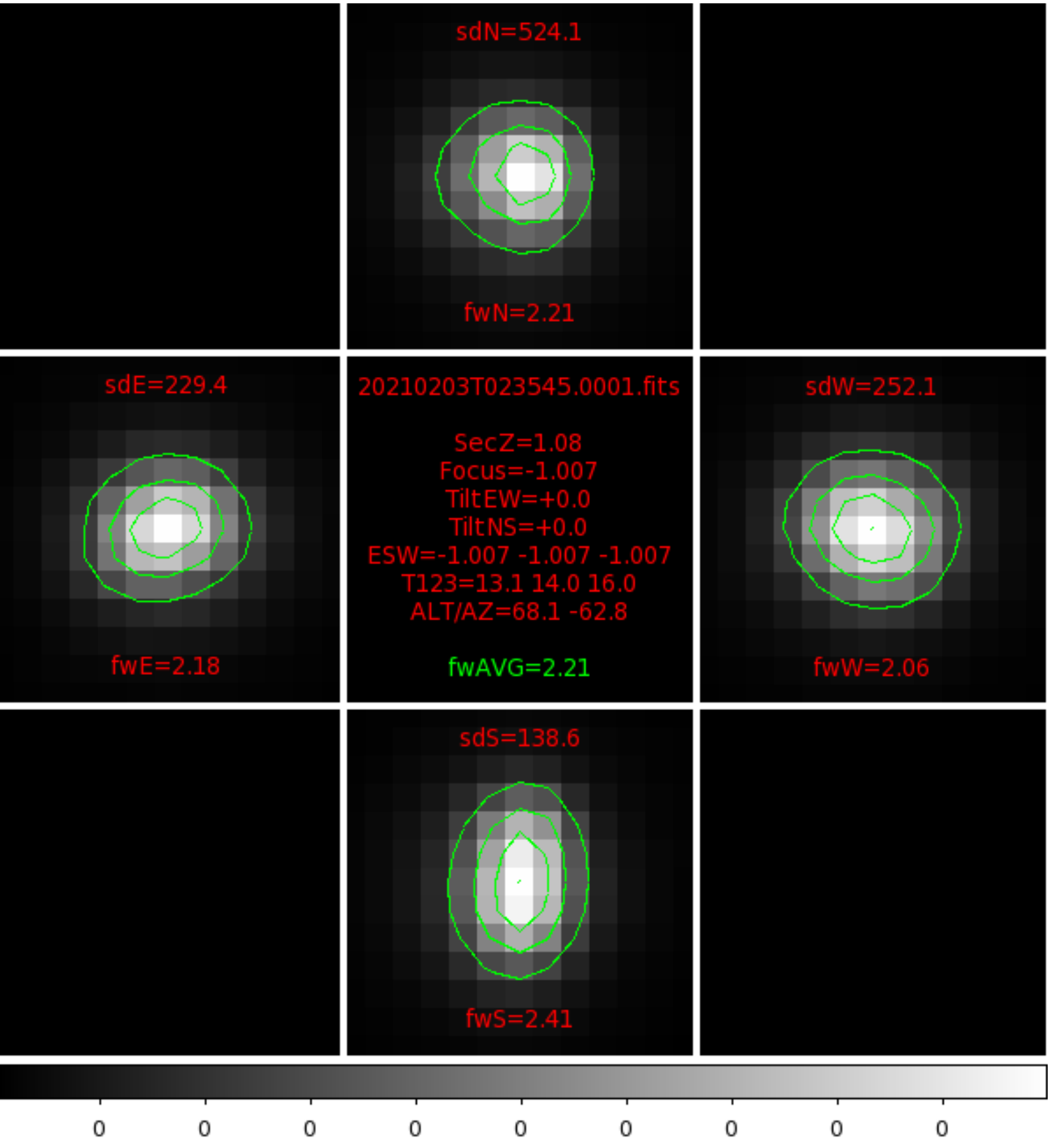
sdN=524.1
fwN=2.21
sdE=229.4
fwE=2.18
20210203T023545.0001.fits
SecZ=1.08
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=13.1 14.0 16.0
ALT/AZ=68.1 -62.8
fwAVG=2.21
sdW=252.1
fwW=2.06
sdS=138.6
fwS=2.41
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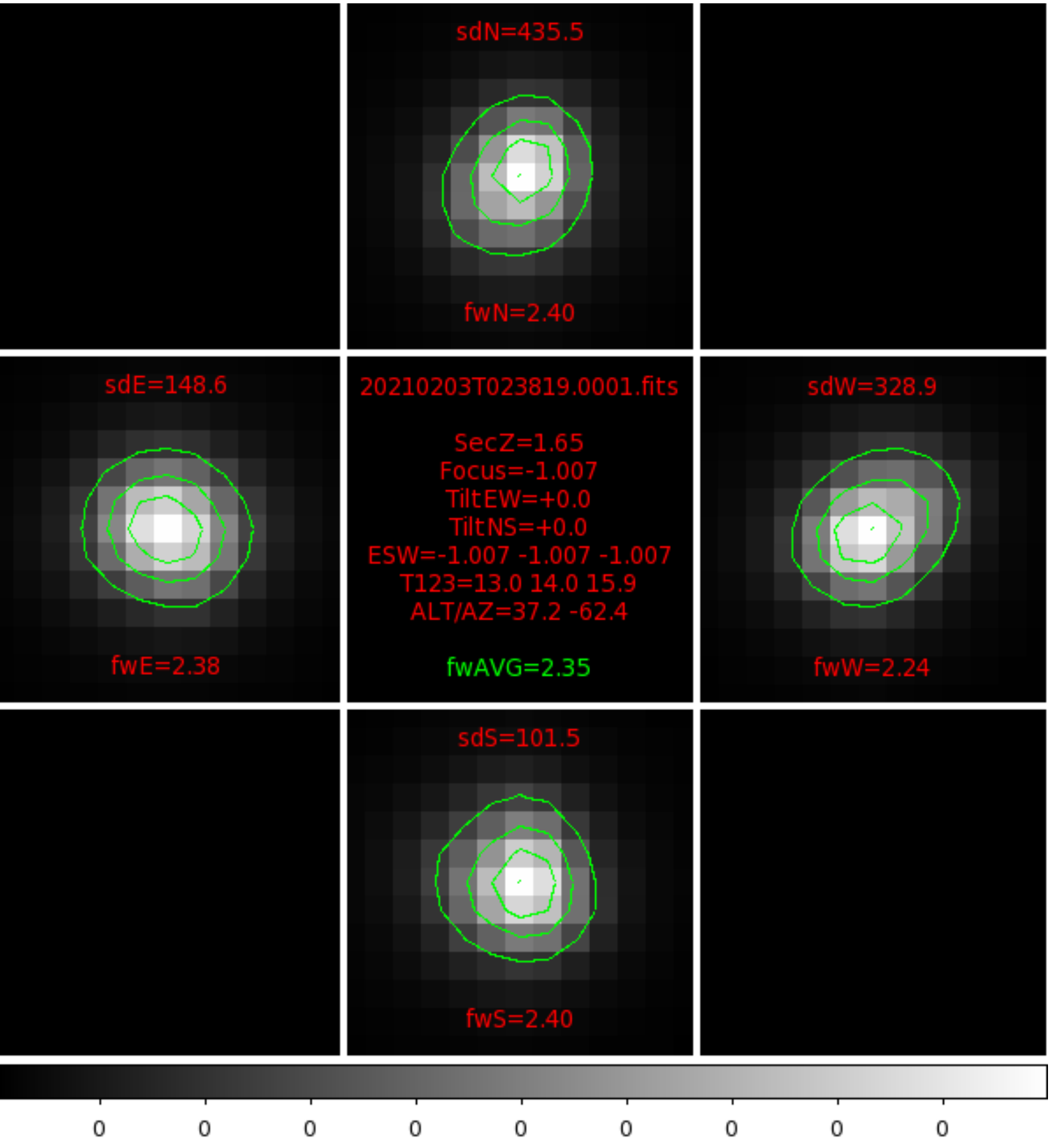
sdN=435.5
fwN=2.40
sdE=148.6
fwE=2.38
20210203T023819.0001.fits
SecZ=1.65
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=13.0 14.0 15.9
ALT/AZ=37.2 -62.4
fwAVG=2.35
sdW=328.9
fwW=2.24
sdS=101.5
fwS=2.40
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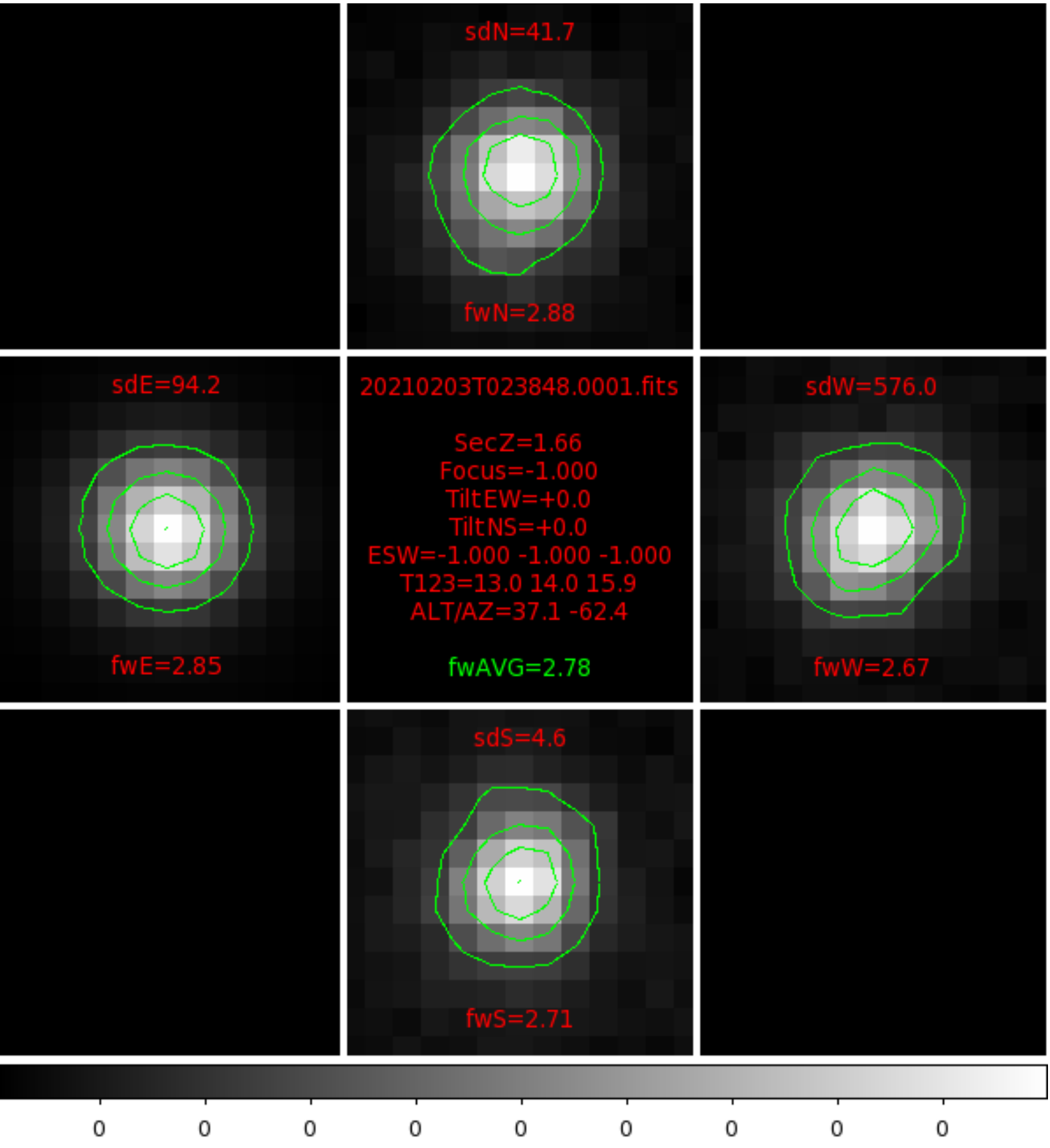
sdN=41.7
fwN=2.88
sdE=94.2
fwE=2.85
20210203T023848.0001.fits
SecZ=1.66
Focus=-1.000
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.000 -1.000 -1.000
T123=13.0 14.0 15.9
ALT/AZ=37.1 -62.4
fwAVG=2.78
sdW=576.0
fwW=2.67
sdS=4.6
fwS=2.71
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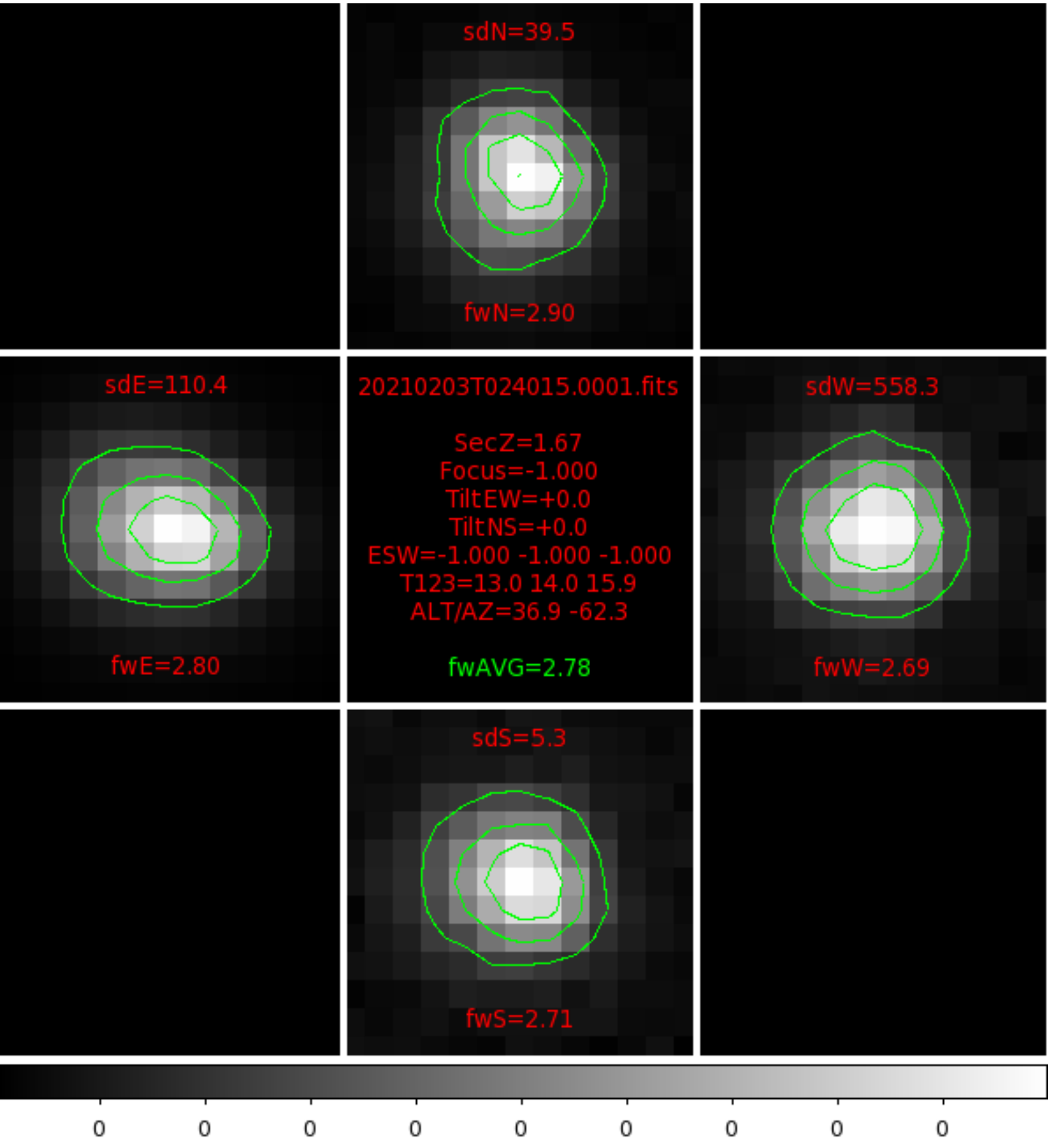
sdN=39.5
fwN=2.90
sdE=110.4
fwE=2.80
20210203T024015.0001.fits
SecZ=1.67
Focus=-1.000
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.000 -1.000 -1.000
T123=13.0 14.0 15.9
ALT/AZ=36.9 -62.3
fwAVG=2.78
sdW=558.3
fwW=2.69
sdS=5.3
fwS=2.71
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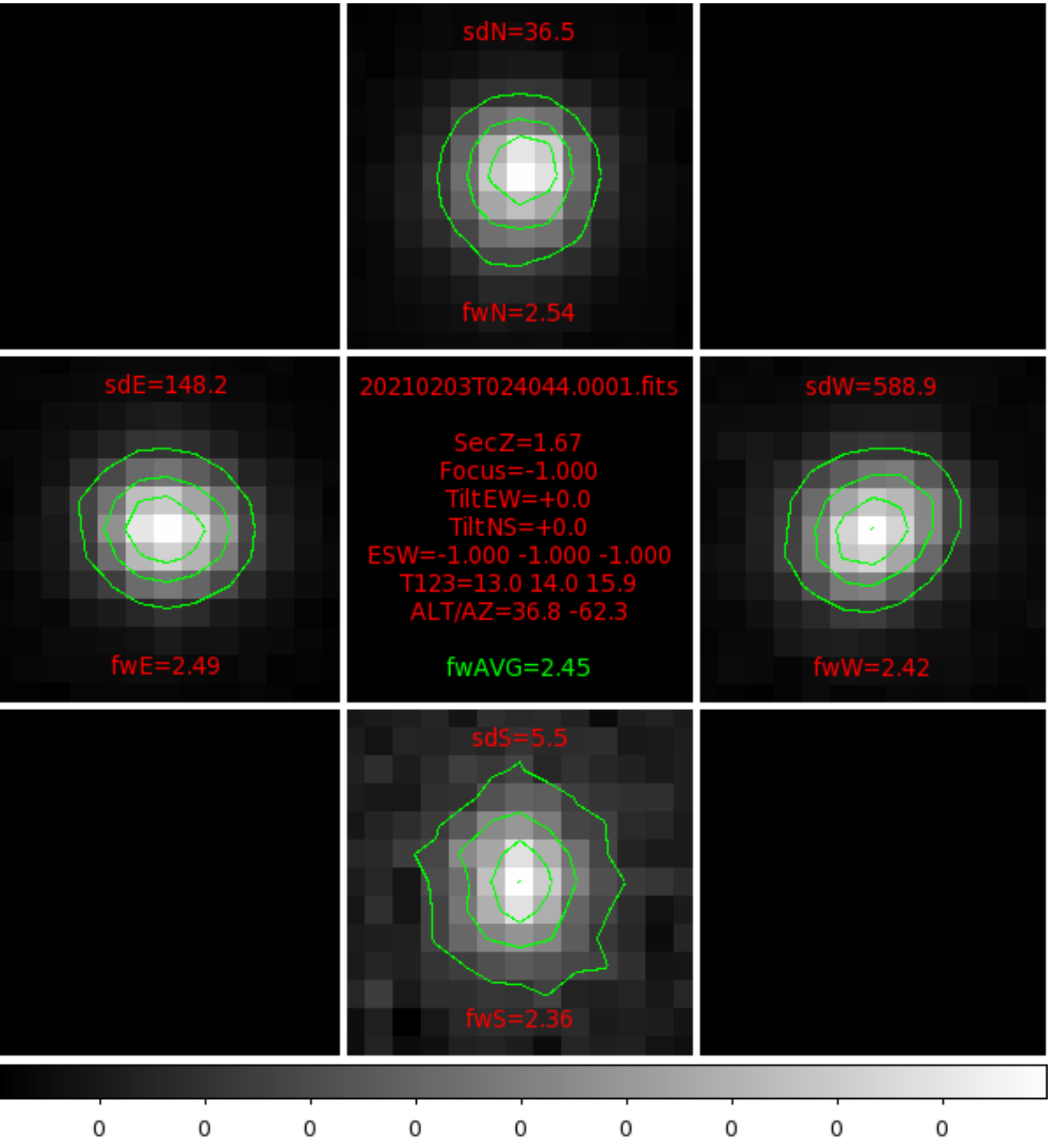
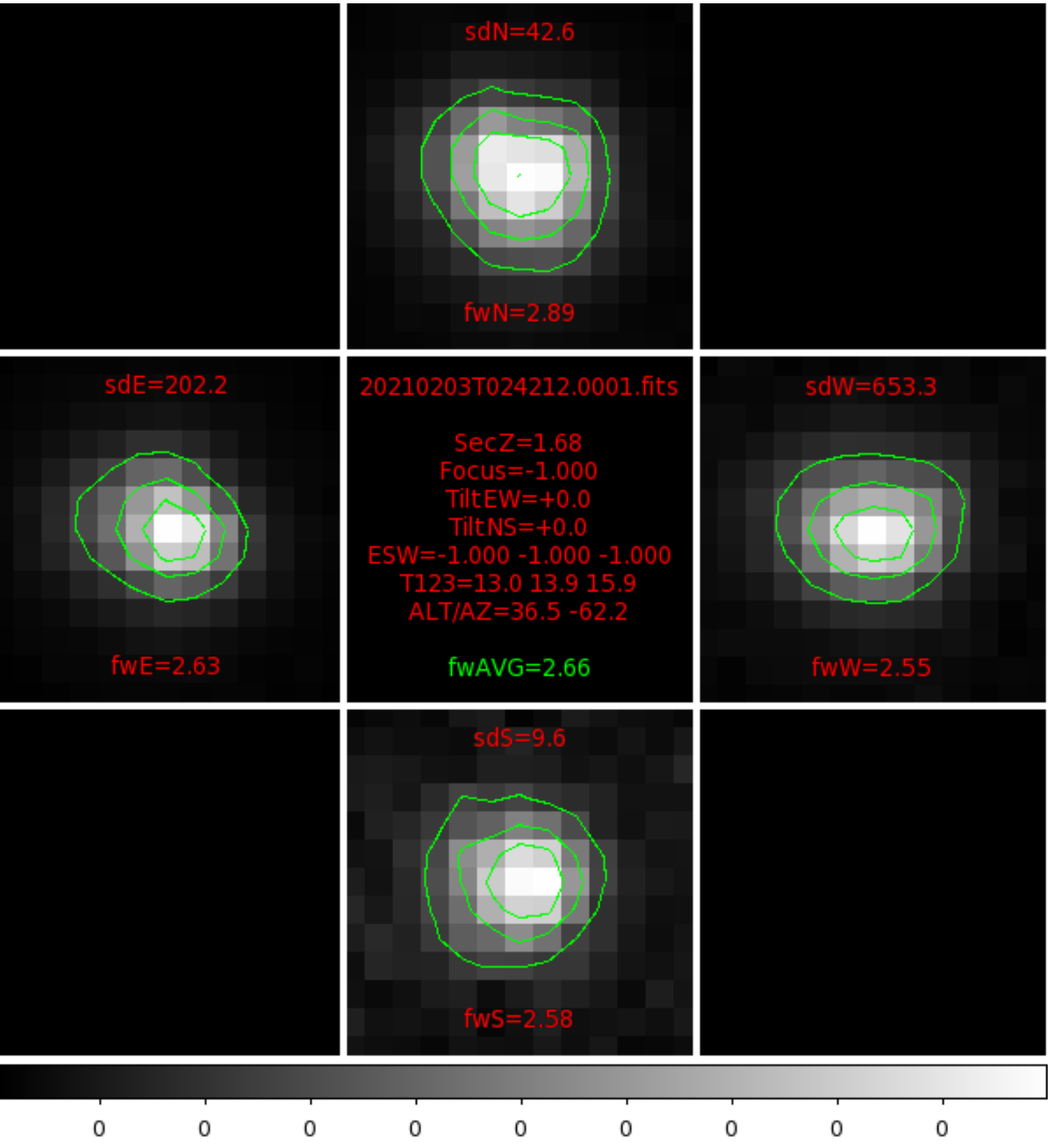
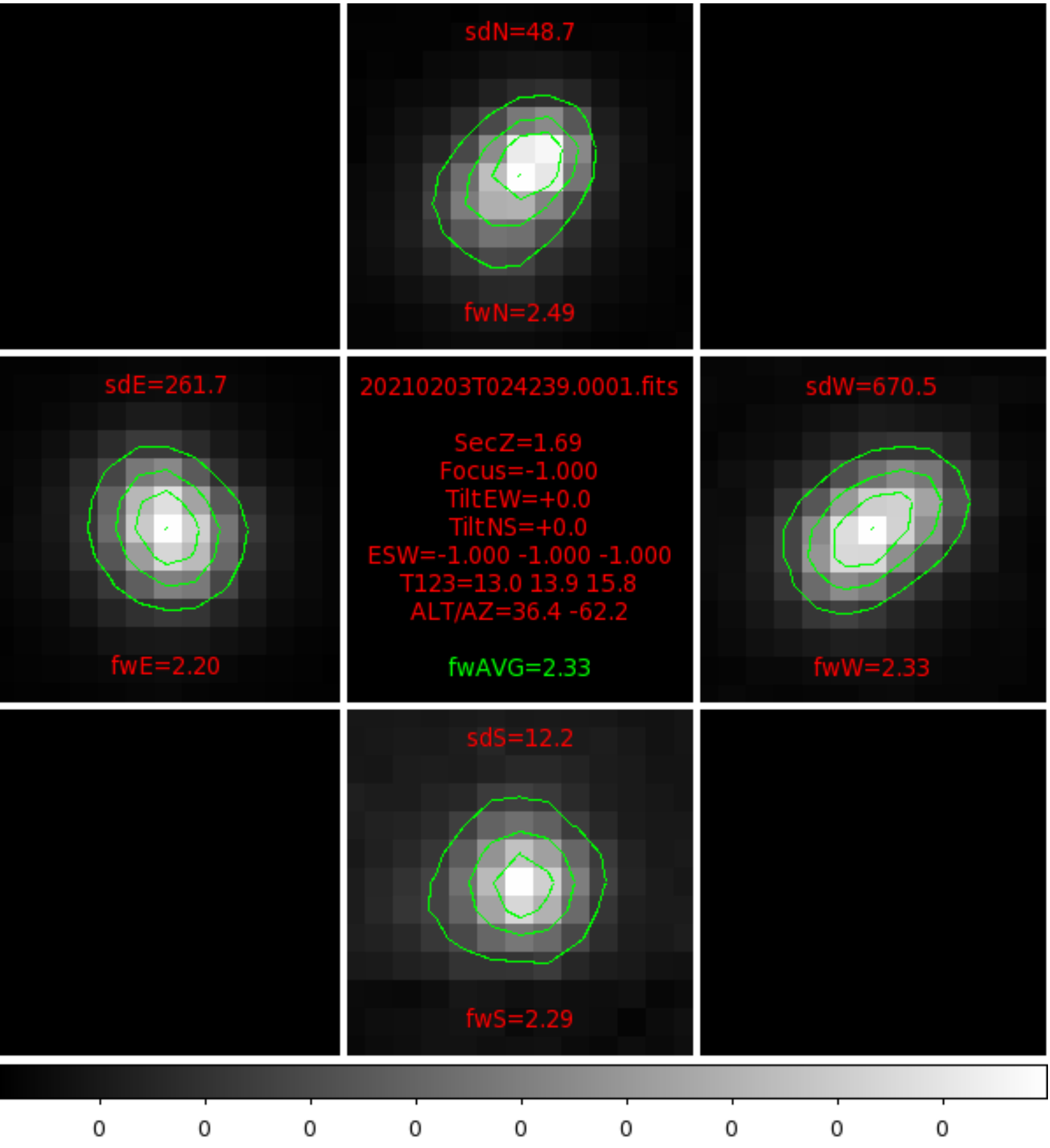
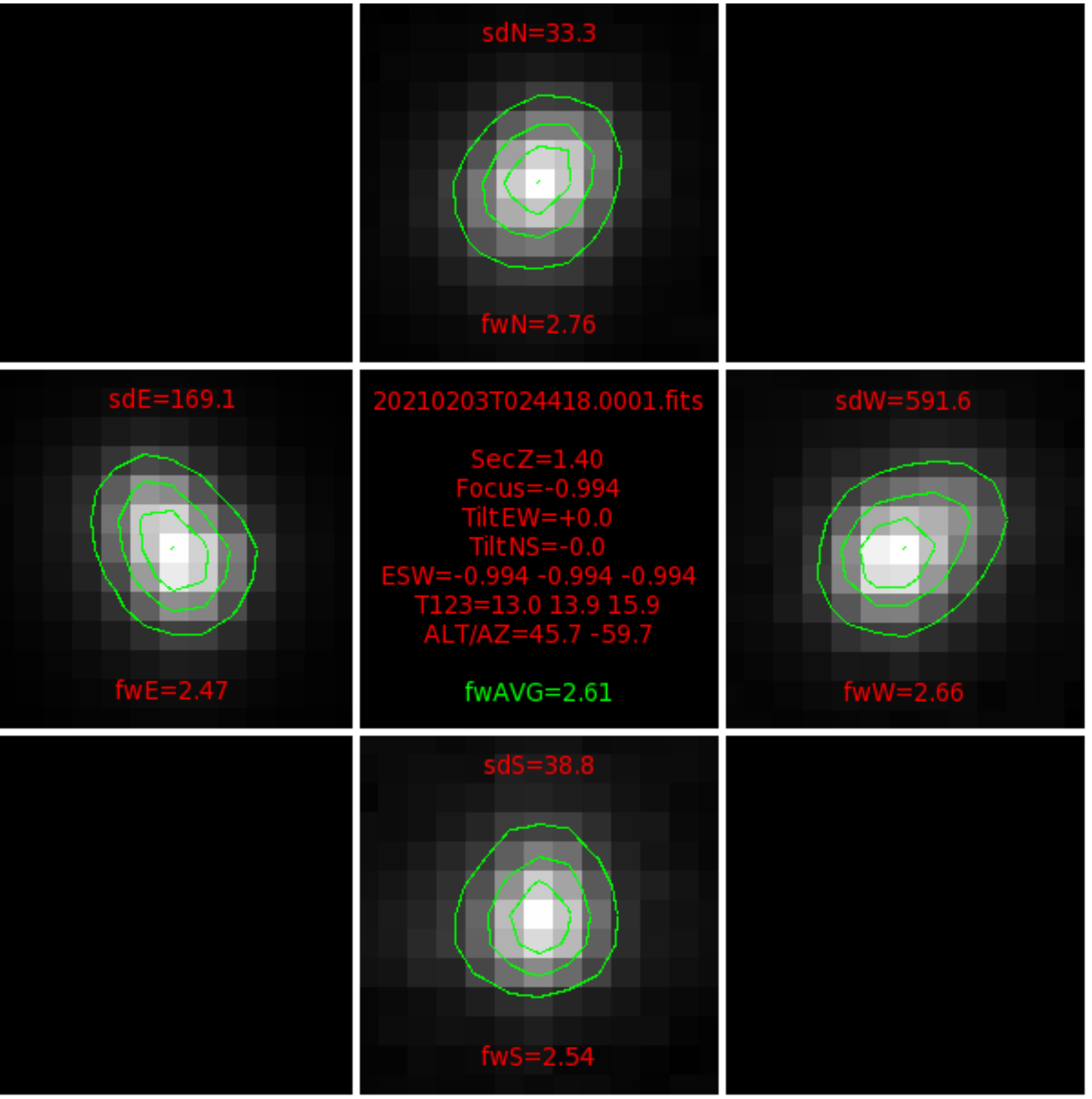
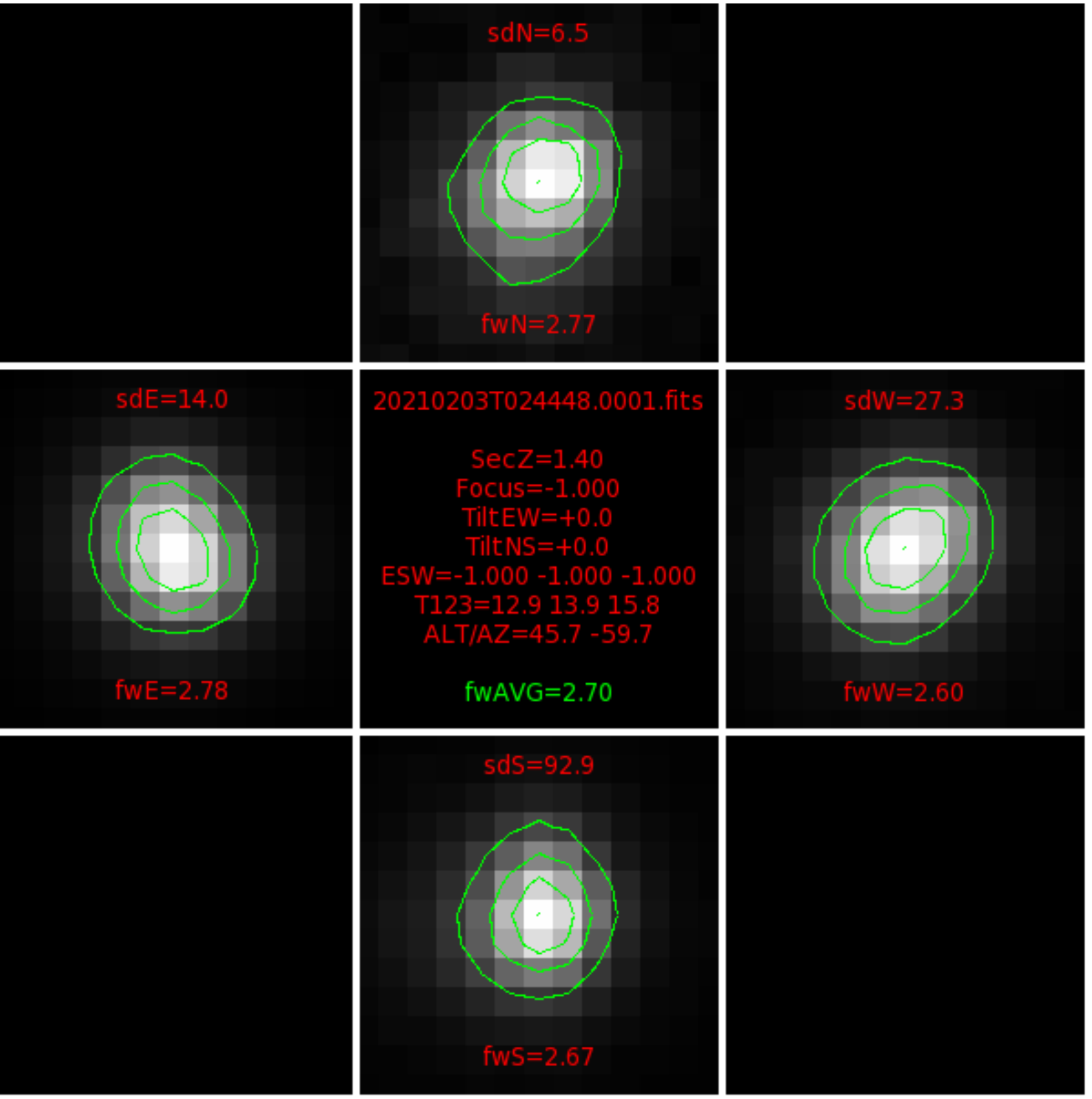
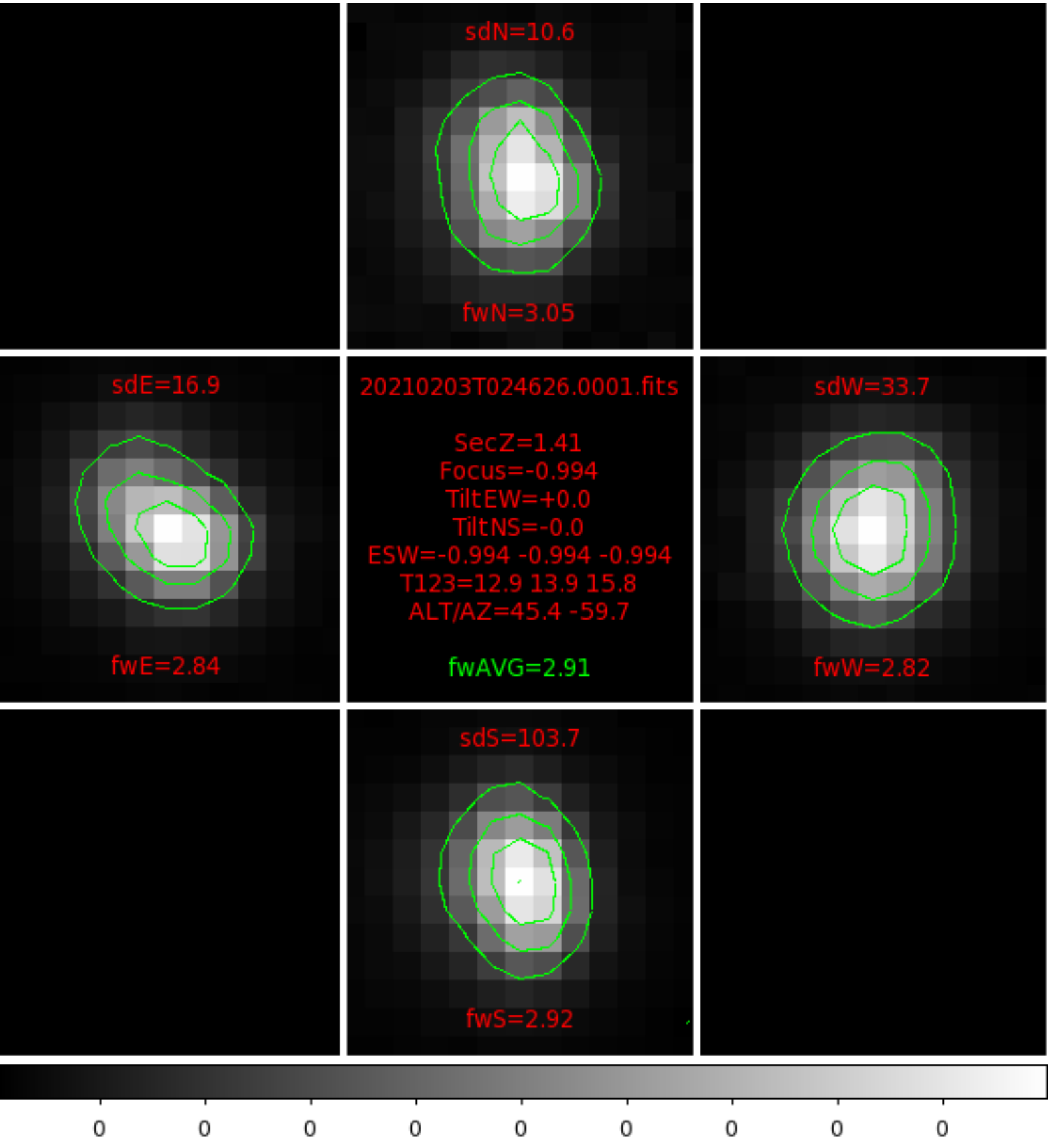

sdN=36.5
fwN=2.54
sdE=148.2
fwE=2.49
20210203T024044.0001.fits
SecZ=1.67
Focus=-1.000
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.000 -1.000 -1.000
T123=13.0 14.0 15.9
ALT/AZ=36.8 -62.3
fwAVG=2.45
sdW=588.9
fwW=2.42
sdS=5.5
fwS=2.36
0 0 0 0 0 0 0 0 0

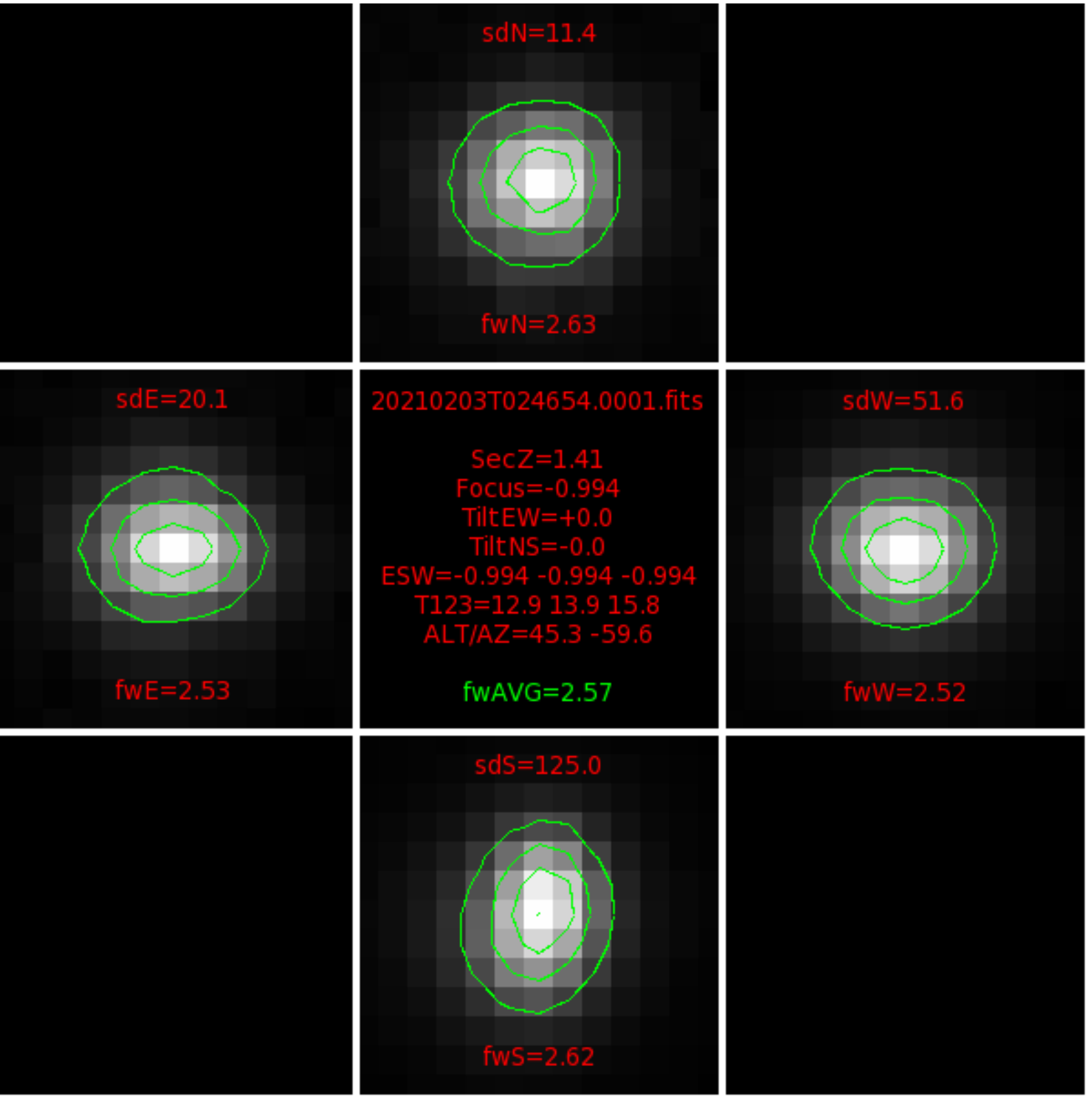

sdN=42.6
fwN=2.89
sdE=202.2
fwE=2.63
20210203T024212.0001.fits
SecZ=1.68
Focus=-1.000
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.000 -1.000 -1.000
T123=13.0 13.9 15.9
ALT/AZ=36.5 -62.2
fwAVG=2.66
sdW=653.3
fwW=2.55
sdS=9.6
fwS=2.58
0 0 0 0 0 0 0 0 0

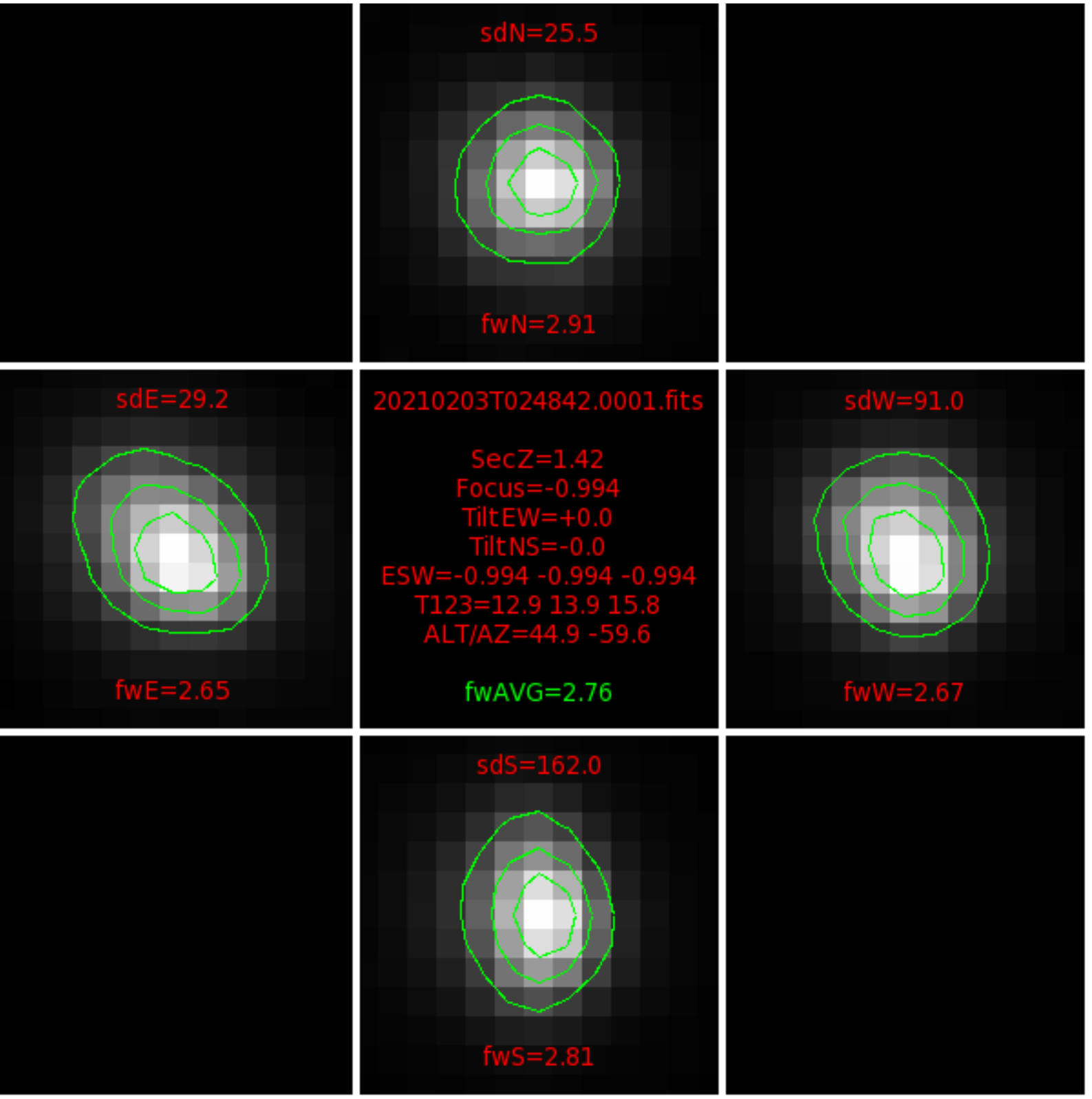

sdN=48.7
fwN=2.49
sdE=261.7
fwE=2.20
20210203T024239.0001.fits
SecZ=1.69
Focus=-1.000
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.000 -1.000 -1.000
T123=13.0 13.9 15.8
ALT/AZ=36.4 -62.2
fwAVG=2.33
sdW=670.5
fwW=2.33
sdS=12.2
fwS=2.29
0 0 0 0 0 0 0 0 0

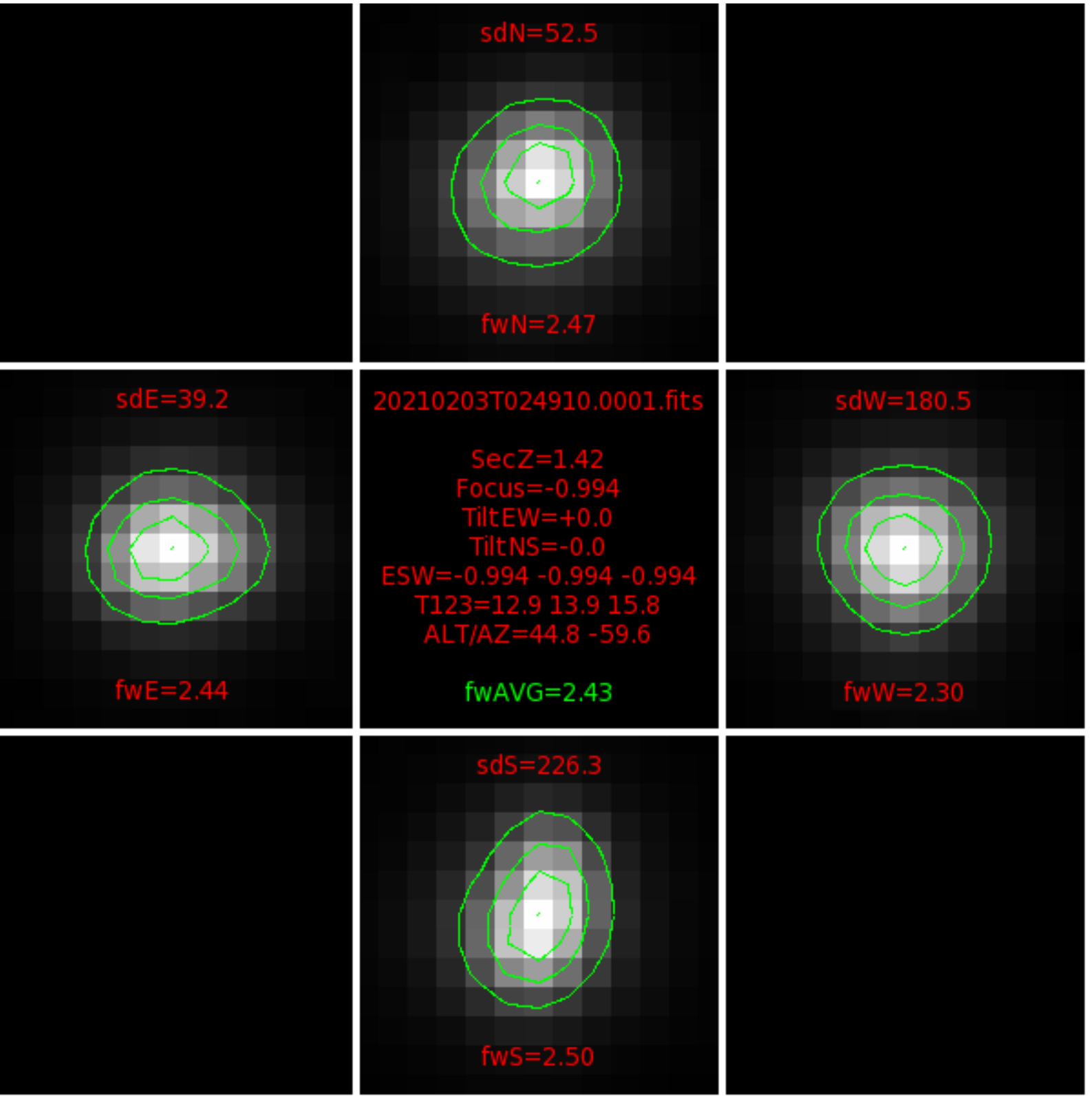

sdN=33.3
fwN=2.76
sdE=169.1
fwE=2.47
20210203T024418.0001.fits
SecZ=1.40
Focus=-0.994
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.994 -0.994 -0.994
T123=13.0 13.9 15.9
ALT/AZ=45.7 -59.7
fwAVG=2.61
sdW=591.6
fwW=2.66
sdS=38.8
fwS=2.54
0 0 0 0 0 0 0 0 0


sdN=6.5
fwN=2.77
sdE=14.0
fwE=2.78
20210203T024448.0001.fits
SecZ=1.40
Focus=-1.000
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.000 -1.000 -1.000
T123=12.9 13.9 15.8
ALT/AZ=45.7 -59.7
fwAVG=2.70
sdW=27.3
fwW=2.60
sdS=92.9
fwS=2.67
0 0 0 0 0 0 0 0 0


sdN=10.6
fwN=3.05
sdE=16.9
fwE=2.84
20210203T024626.0001.fits
SecZ=1.41
Focus=-0.994
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.994 -0.994 -0.994
T123=12.9 13.9 15.8
ALT/AZ=45.4 -59.7
fwAVG=2.91
sdW=33.7
fwW=2.82
sdS=103.7
fwS=2.92
0 0 0 0 0 0 0 0 0


sdN=11.4
fwN=2.63
sdE=20.1
fwE=2.53
20210203T024654.0001.fits
SecZ=1.41
Focus=-0.994
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.994 -0.994 -0.994
T123=12.9 13.9 15.8
ALT/AZ=45.3 -59.6
fwAVG=2.57
sdW=51.6
fwW=2.52
sdS=125.0
fwS=2.62
0 0 0 0 0 0 0 0 0


sdN=25.5
fwN=2.91
sdE=29.2
fwE=2.65
20210203T024842.0001.fits
SecZ=1.42
Focus=-0.994
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.994 -0.994 -0.994
T123=12.9 13.9 15.8
ALT/AZ=44.9 -59.6
fwAVG=2.76
sdW=91.0
fwW=2.67
sdS=162.0
fwS=2.81
0 0 0 0 0 0 0 0 0


sdN=52.5
fwN=2.47
sdE=39.2
fwE=2.44
20210203T024910.0001.fits
SecZ=1.42
Focus=-0.994
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.994 -0.994 -0.994
T123=12.9 13.9 15.8
ALT/AZ=44.8 -59.6
fwAVG=2.43
sdW=180.5
fwW=2.30
sdS=226.3
fwS=2.50
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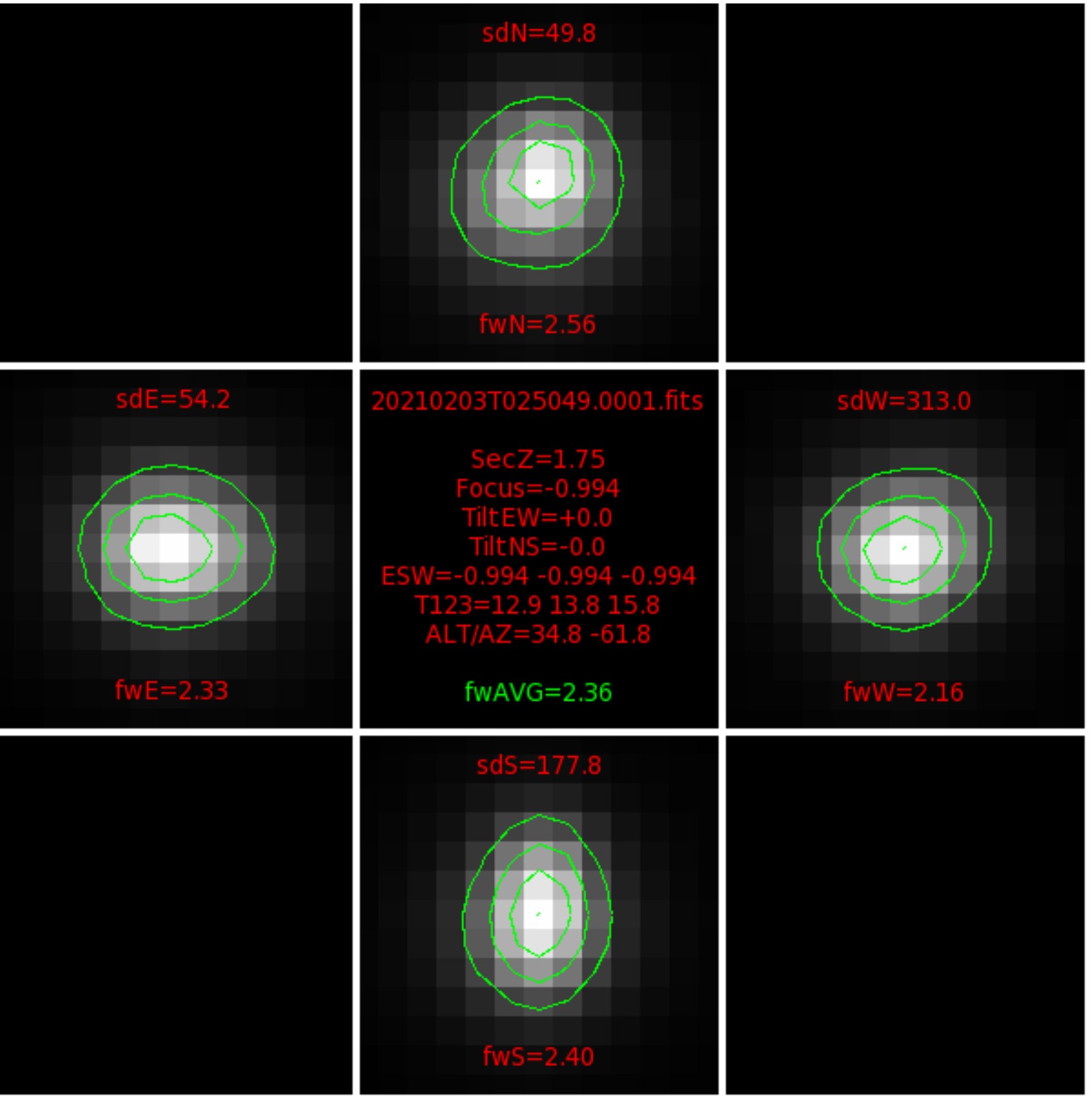
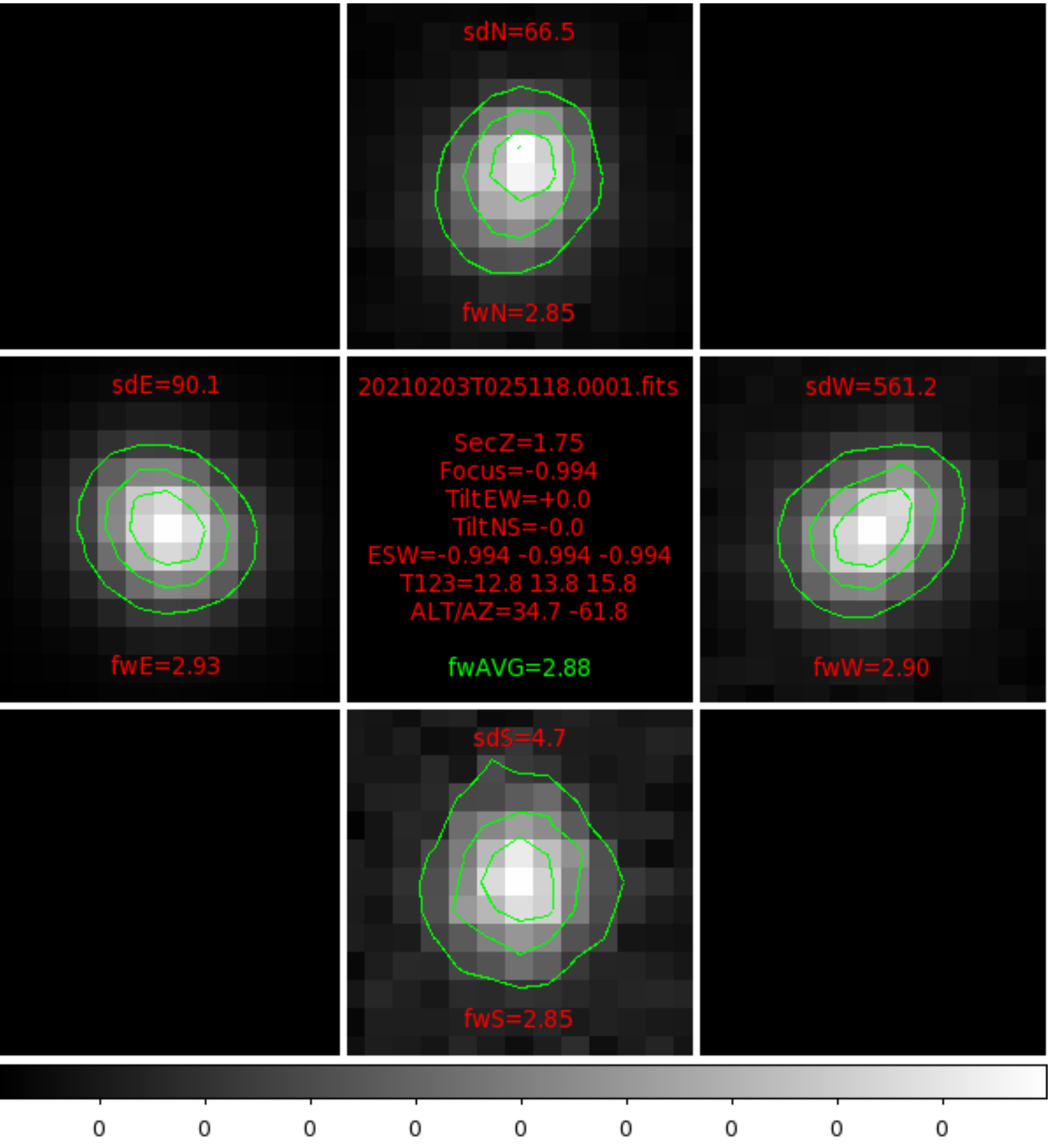

sdN=49.8
fwN=2.56
sdE=54.2
fwE=2.33
20210203T025049.0001.fits
SecZ=1.75
Focus=-0.994
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.994 -0.994 -0.994
T123=12.9 13.8 15.8
ALT/AZ=34.8 -61.8
fwAVG=2.36
sdW=313.0
fwW=2.16
sdS=177.8
fwS=2.40
0 0 0 0 0 0 0 0 0


sdN=66.5
fwN=2.85
sdE=90.1
fwE=2.93
20210203T025118.0001.fits
SecZ=1.75
Focus=-0.994
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.994 -0.994 -0.994
T123=12.8 13.8 15.8
ALT/AZ=34.7 -61.8
fwAVG=2.88
sdW=561.2
fwW=2.90
sdS=4.7
fwS=2.85
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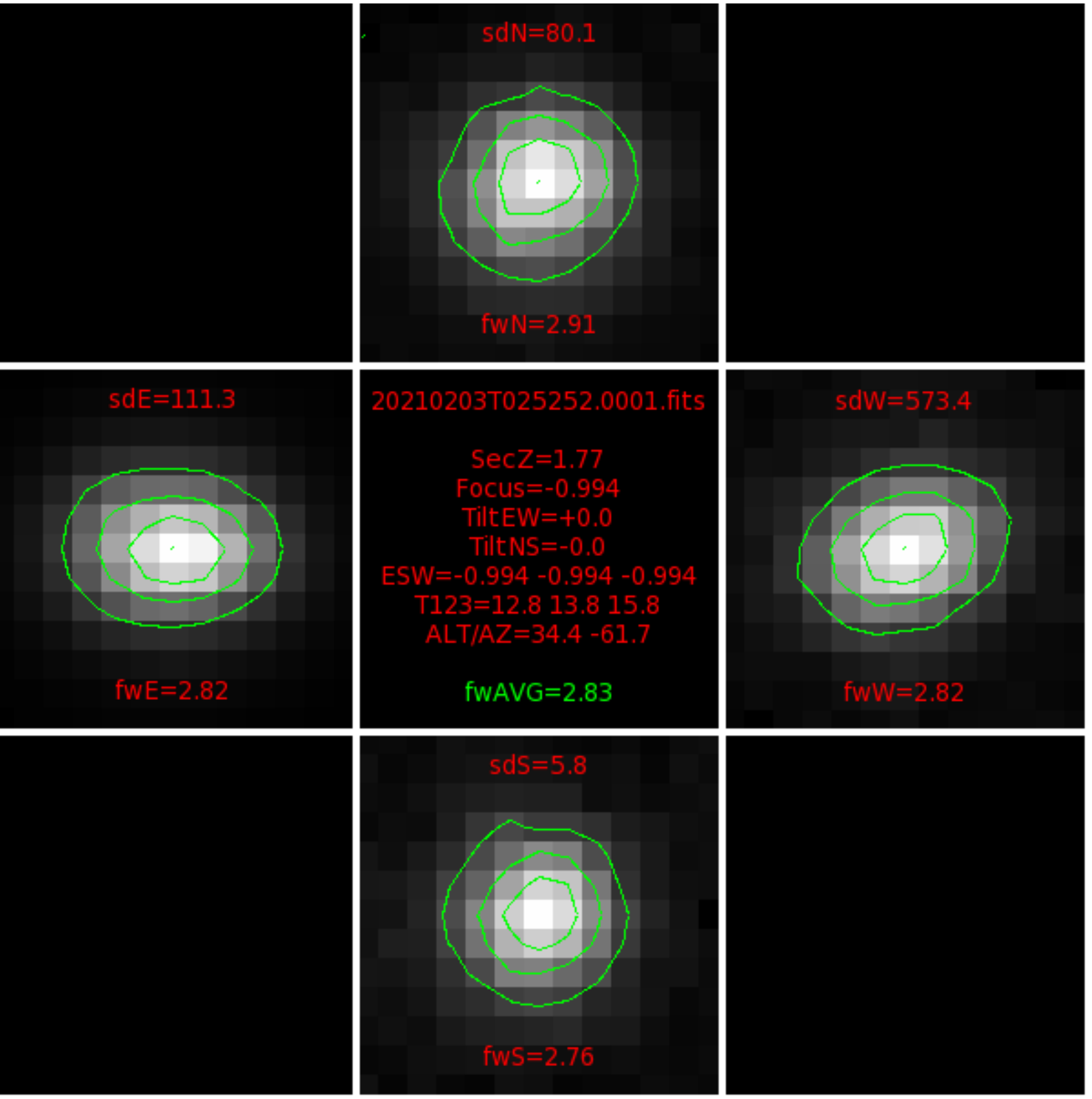
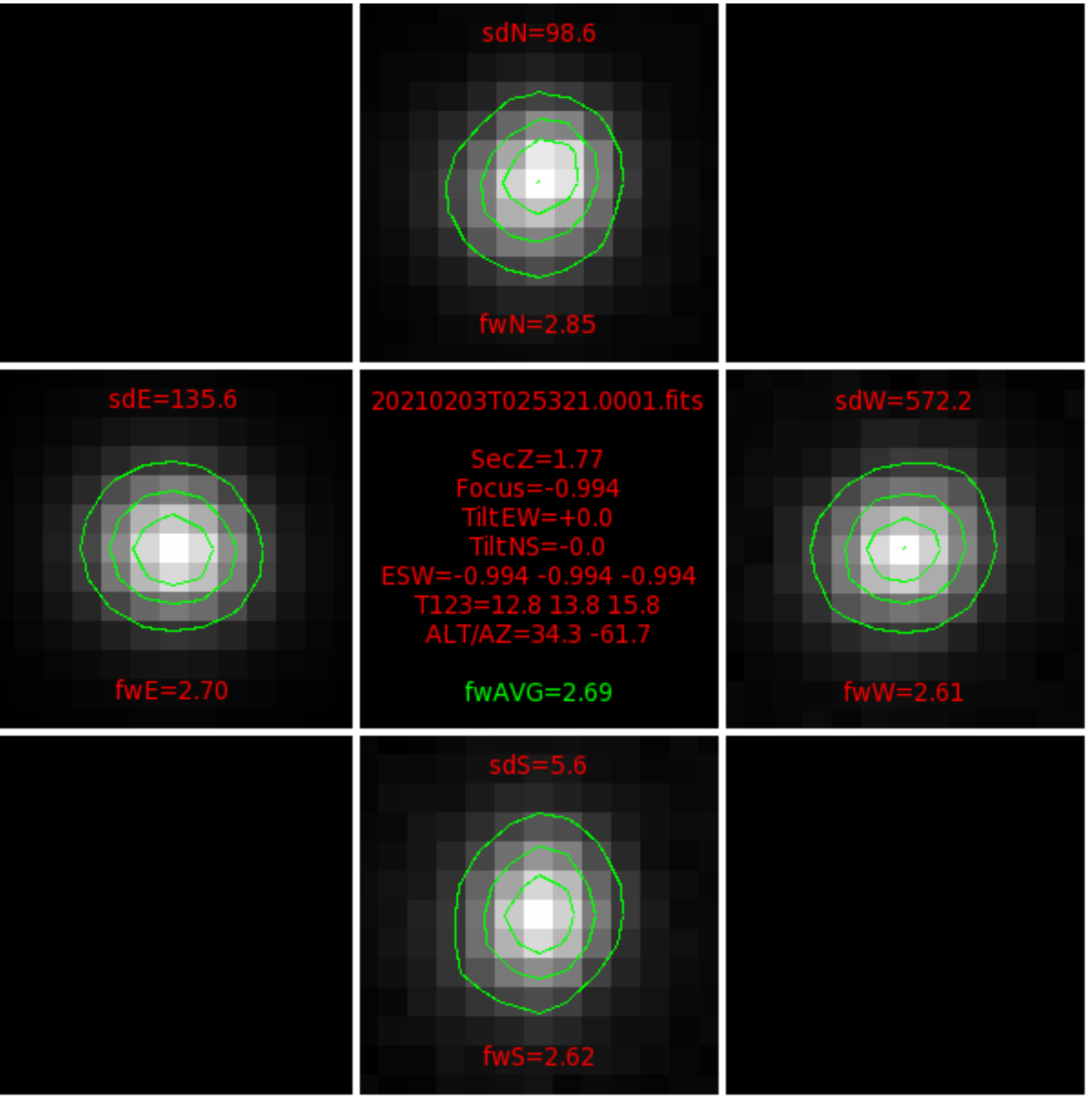
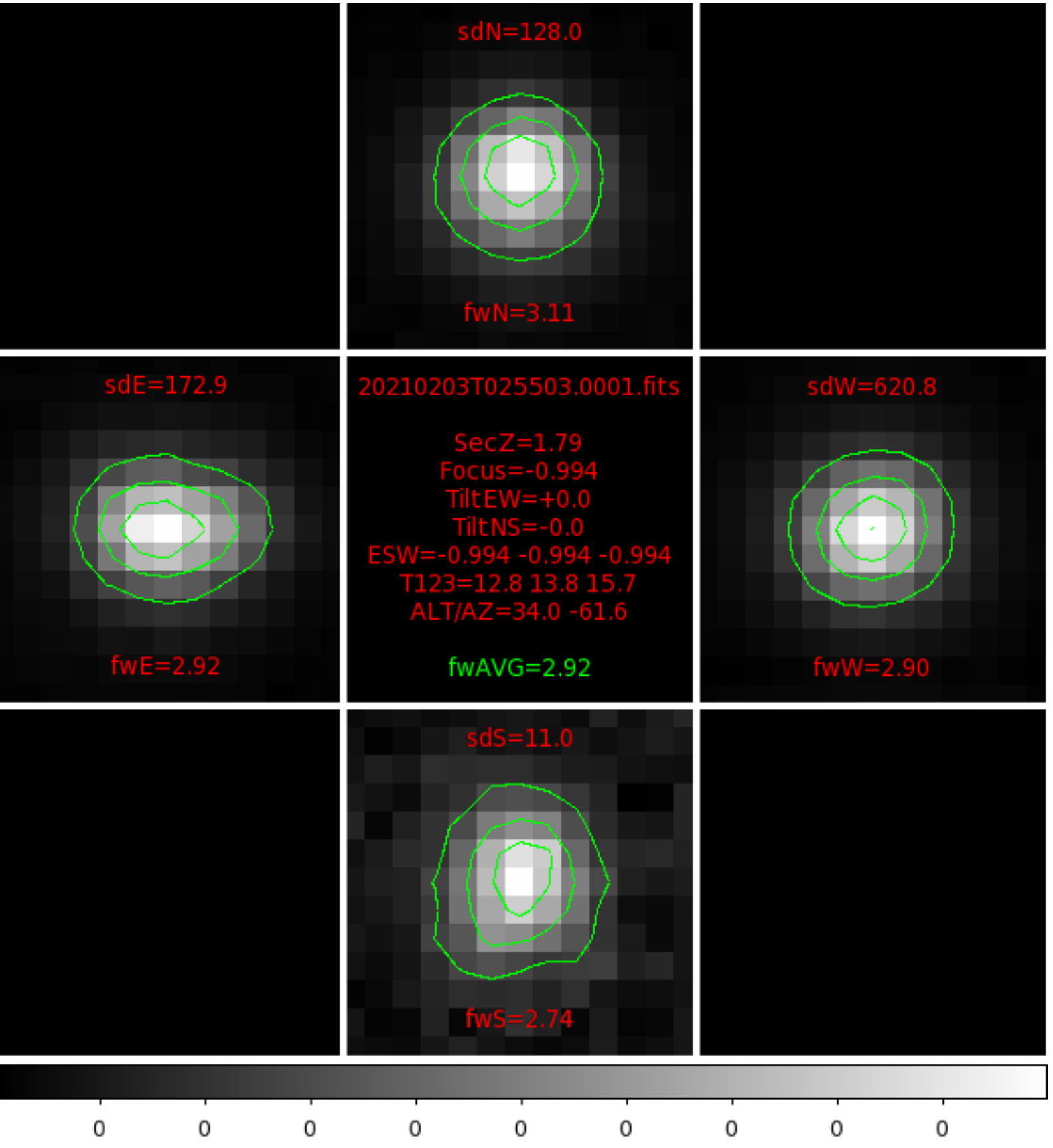
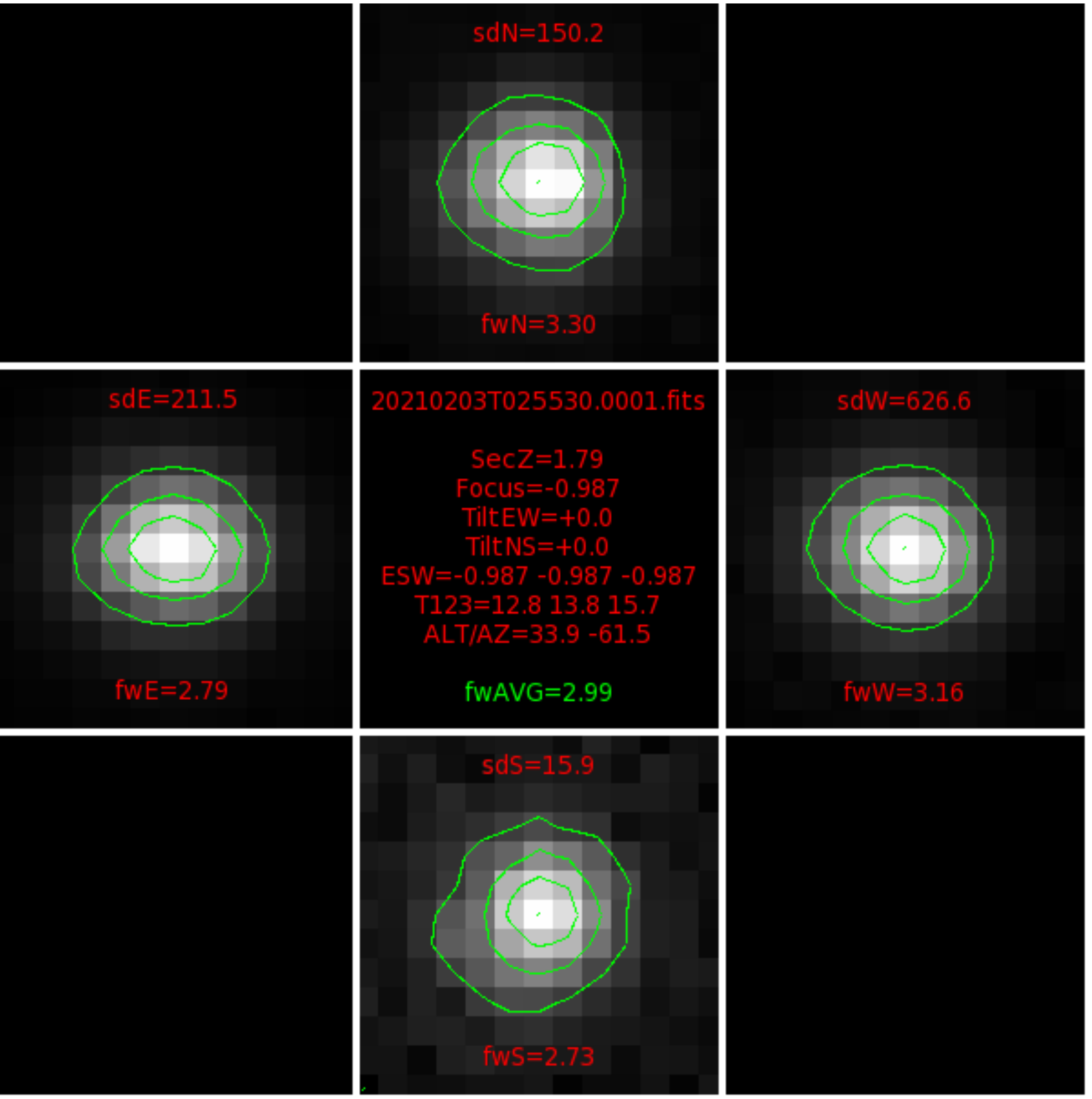
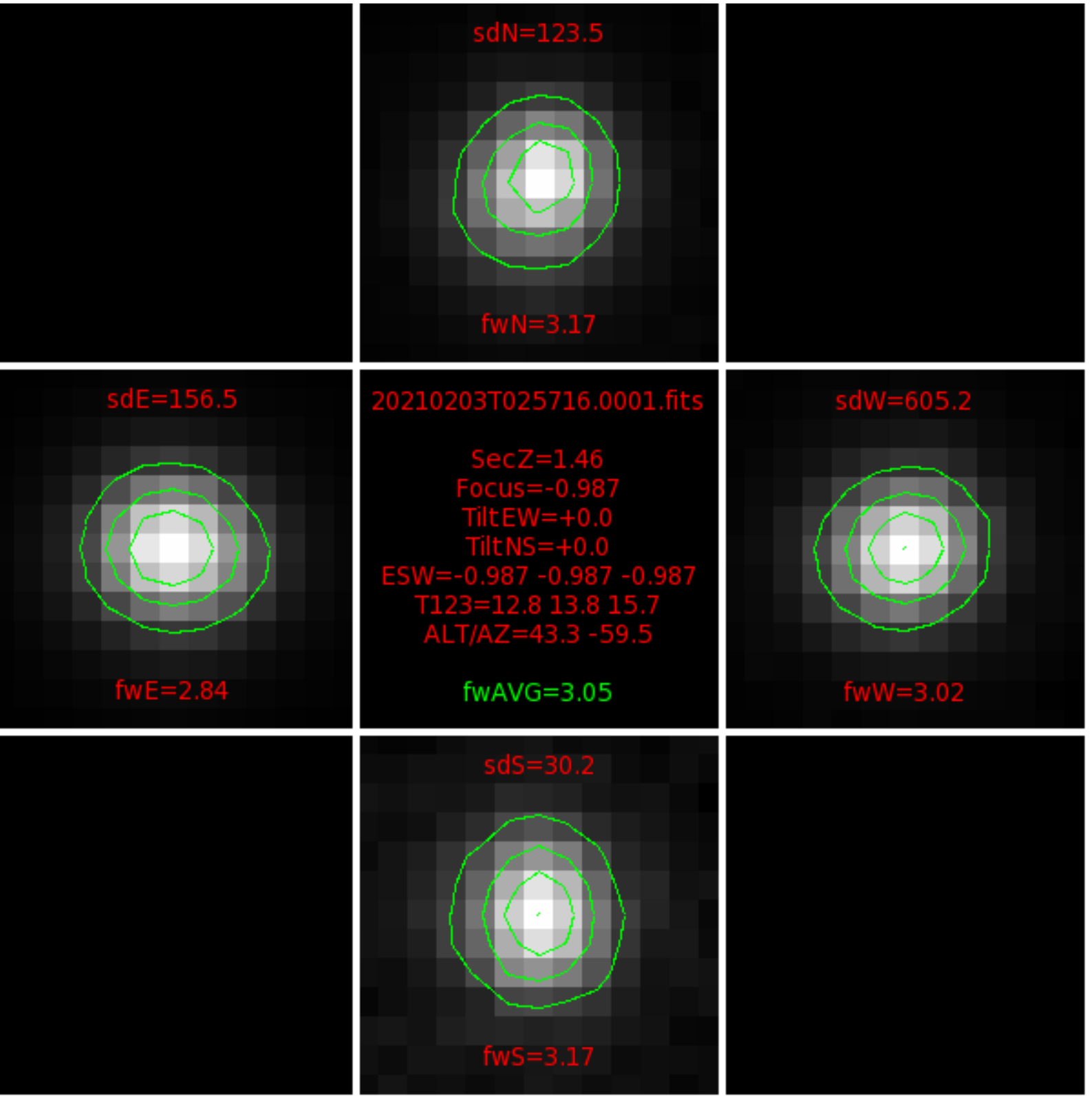

sdN=80.1
fwN=2.91
sdE=111.3
fwE=2.82
20210203T025252.0001.fits
SecZ=1.77
Focus=-0.994
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.994 -0.994 -0.994
T123=12.8 13.8 15.8
ALT/AZ=34.4 -61.7
fwAVG=2.83
sdW=573.4
fwW=2.82
sdS=5.8
fwS=2.76
0 0 0 0 0 0 0 0 0


sdN=98.6
fwN=2.85
sdE=135.6
fwE=2.70
20210203T025321.0001.fits
SecZ=1.77
Focus=-0.994
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.994 -0.994 -0.994
T123=12.8 13.8 15.8
ALT/AZ=34.3 -61.7
fwAVG=2.69
sdW=572.2
fwW=2.61
sdS=5.6
fwS=2.62
0 0 0 0 0 0 0 0 0


sdN=128.0
fwN=3.11
sdE=172.9
fwE=2.92
20210203T025503.0001.fits
SecZ=1.79
Focus=-0.994
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.994 -0.994 -0.994
T123=12.8 13.8 15.7
ALT/AZ=34.0 -61.6
fwAVG=2.92
sdW=620.8
fwW=2.90
sdS=11.0
fwS=2.74
0 0 0 0 0 0 0 0 0


sdN=150.2
fwN=3.30
sdE=211.5
fwE=2.79
20210203T025530.0001.fits
SecZ=1.79
Focus=-0.987
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.987 -0.987 -0.987
T123=12.8 13.8 15.7
ALT/AZ=33.9 -61.5
fwAVG=2.99
sdW=626.6
fwW=3.16
sdS=15.9
fwS=2.73
0 0 0 0 0 0 0 0 0


sdN=123.5
fwN=3.17
sdE=156.5
fwE=2.84
20210203T025716.0001.fits
SecZ=1.46
Focus=-0.987
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.987 -0.987 -0.987
T123=12.8 13.8 15.7
ALT/AZ=43.3 -59.5
fwAVG=3.05
sdW=605.2
fwW=3.02
sdS=30.2
fwS=3.17
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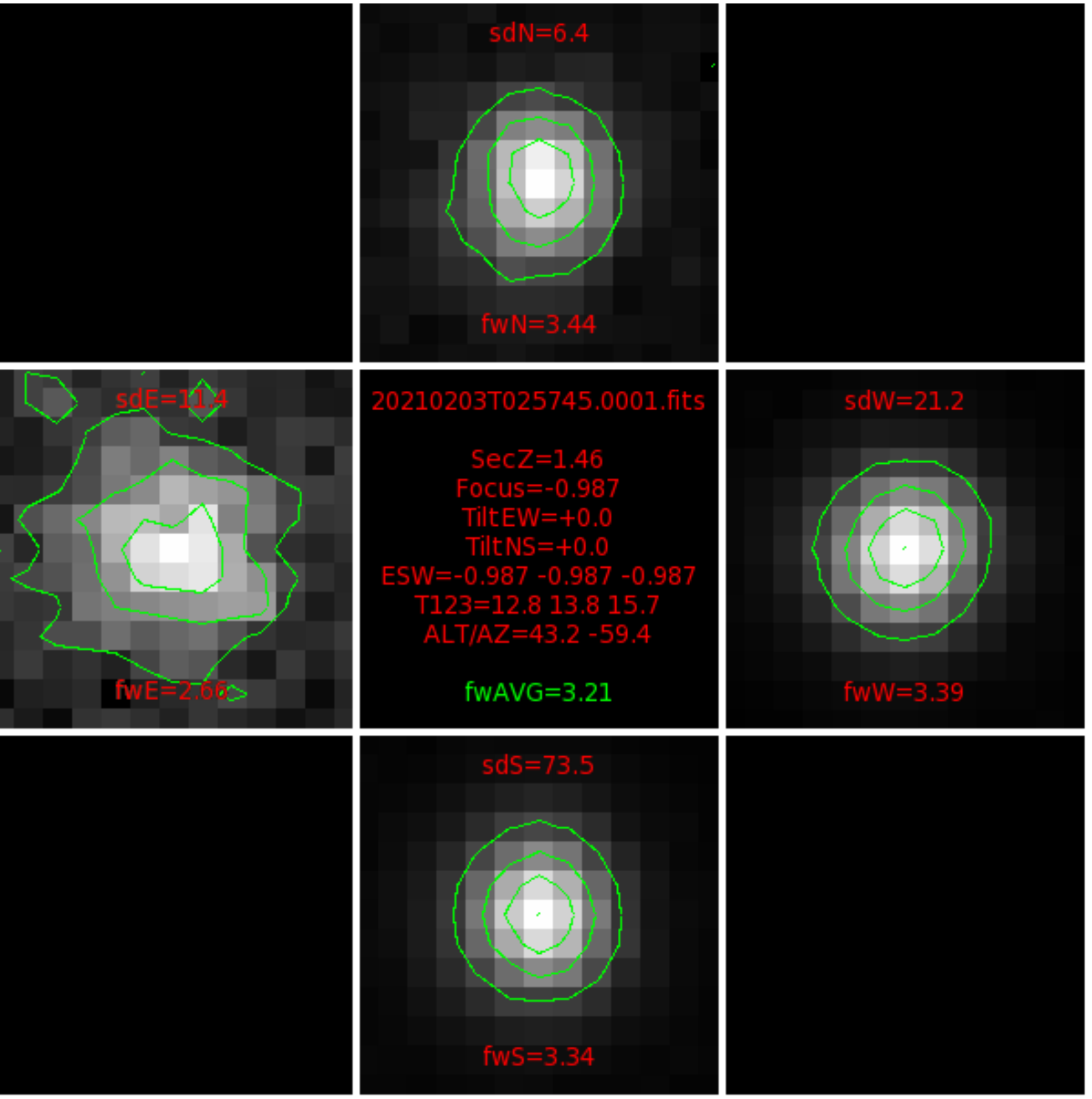
sdN=6.4
fwN=3.44
sdE=11.4
fwE=2.66
20210203T025745.0001.fits
SecZ=1.46
Focus=-0.987
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.987 -0.987 -0.987
T123=12.8 13.8 15.7
ALT/AZ=43.2 -59.4
fwAVG=3.21
sdW=21.2
fwW=3.39
sdS=73.5
fwS=3.34
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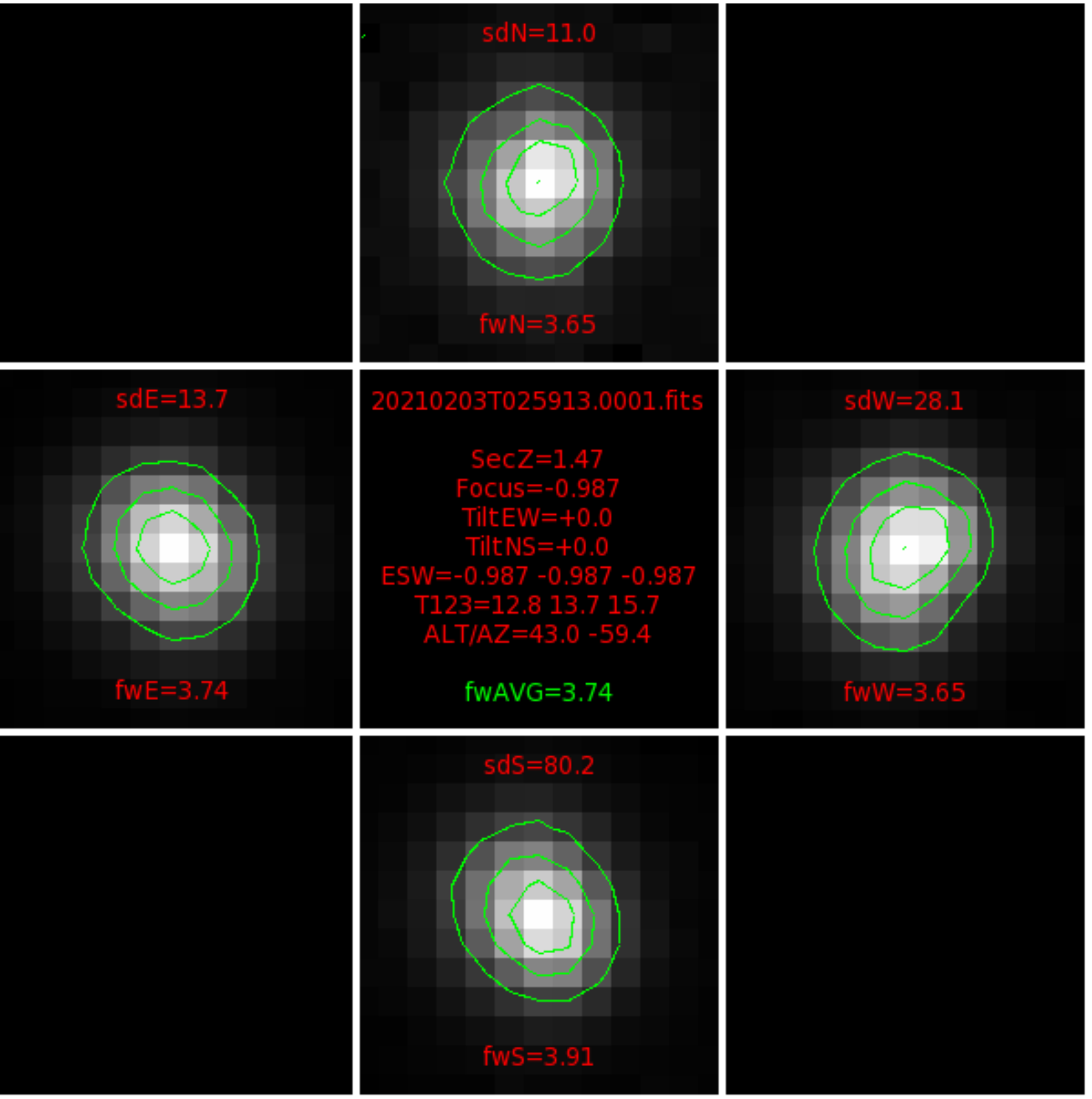
sdN=11.0
fwN=3.65
sdE=13.7
fwE=3.74
20210203T025913.0001.fits
SecZ=1.47
Focus=-0.987
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.987 -0.987 -0.987
T123=12.8 13.7 15.7
ALT/AZ=43.0 -59.4
fwAVG=3.74
sdW=28.1
fwW=3.65
sdS=80.2
fwS=3.91
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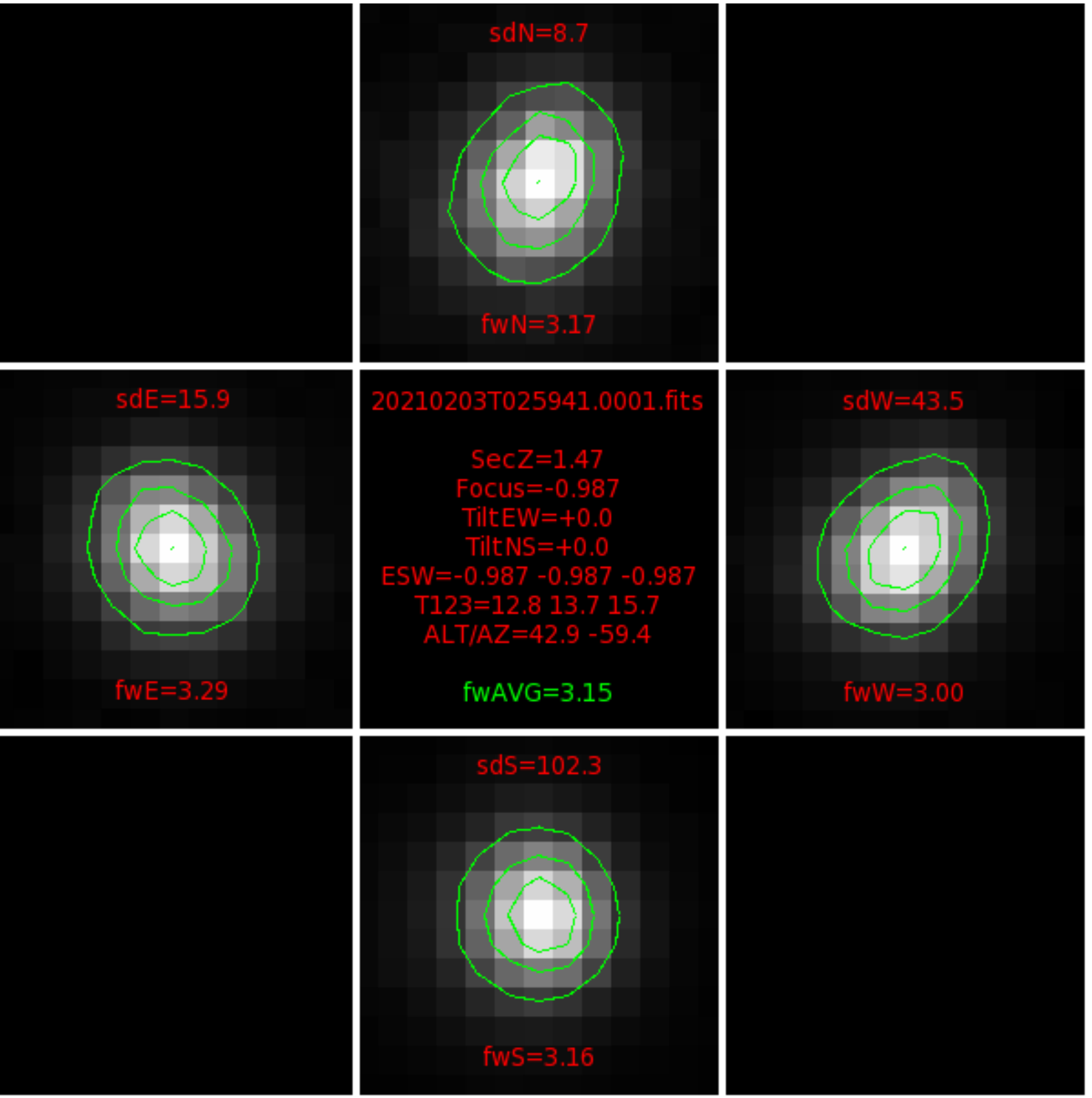
sdN=8.7
fwN=3.17
sdE=15.9
fwE=3.29
20210203T025941.0001.fits
SecZ=1.47
Focus=-0.987
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.987 -0.987 -0.987
T123=12.8 13.7 15.7
ALT/AZ=42.9 -59.4
fwAVG=3.15
sdW=43.5
fwW=3.00
sdS=102.3
fwS=3.16
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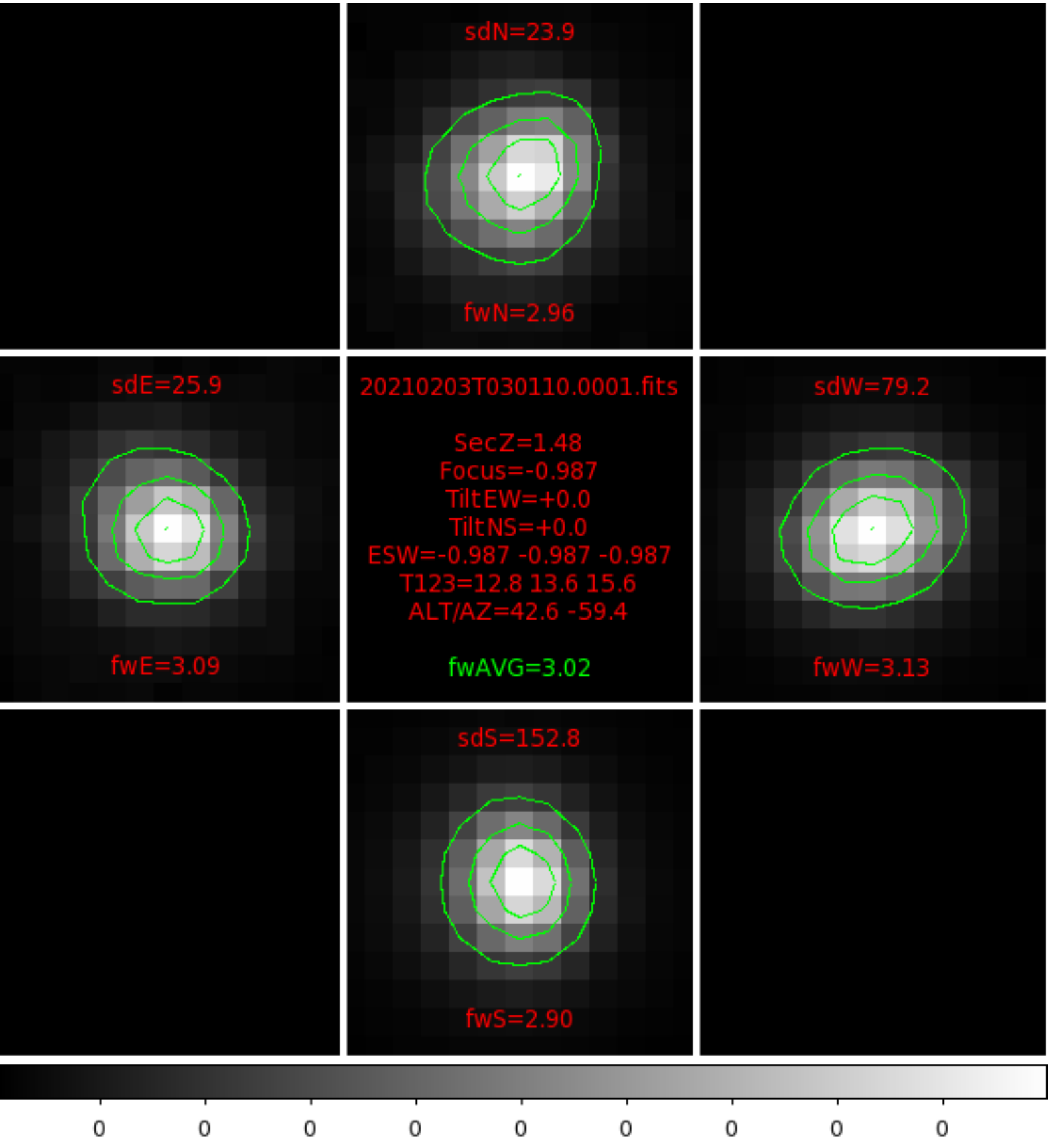
sdN=23.9
fwN=2.96
sdE=25.9
fwE=3.09
20210203T030110.0001.fits
SecZ=1.48
Focus=-0.987
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.987 -0.987 -0.987
T123=12.8 13.6 15.6
ALT/AZ=42.6 -59.4
fwAVG=3.02
sdW=79.2
fwW=3.13
sdS=152.8
fwS=2.90
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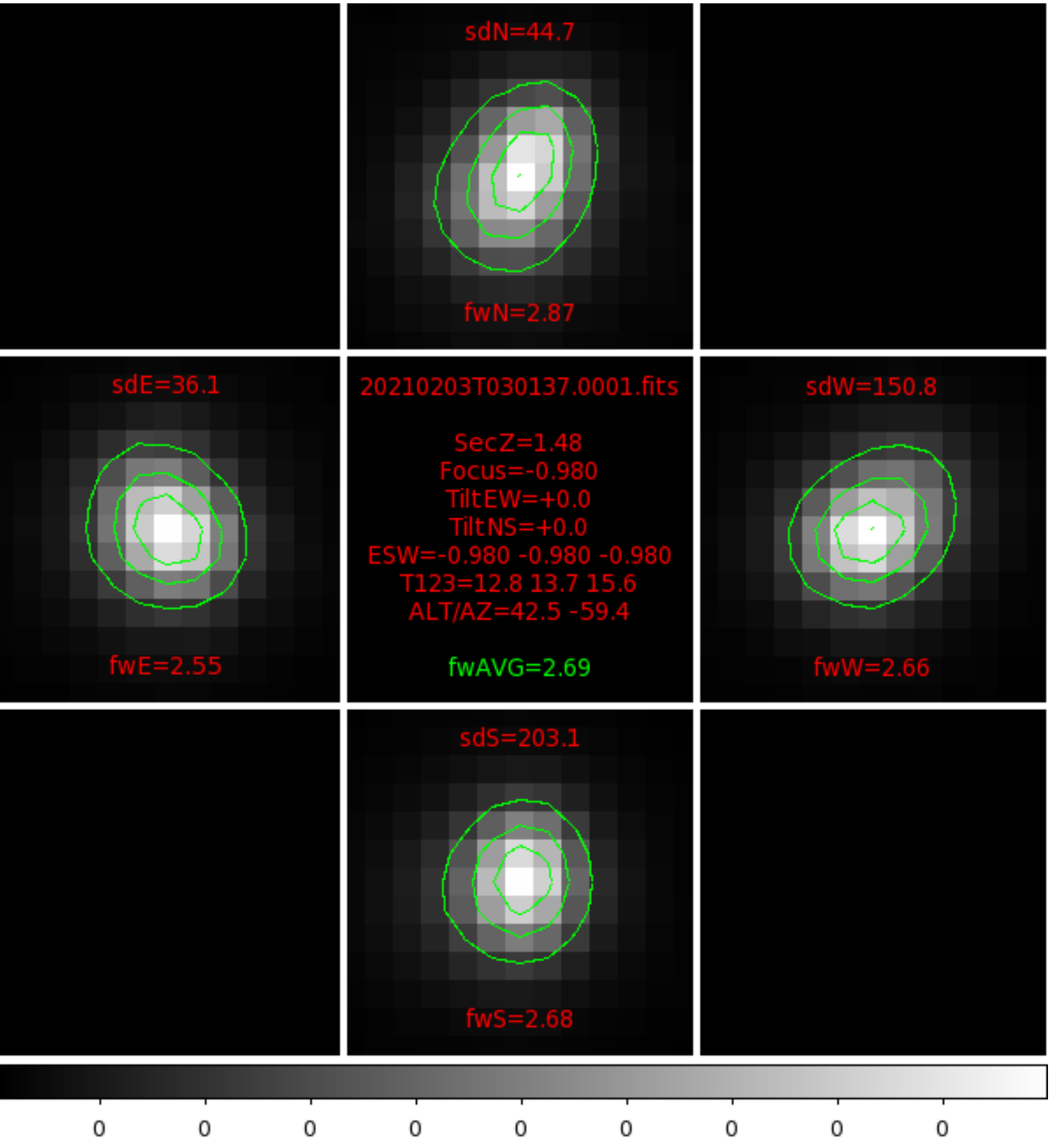
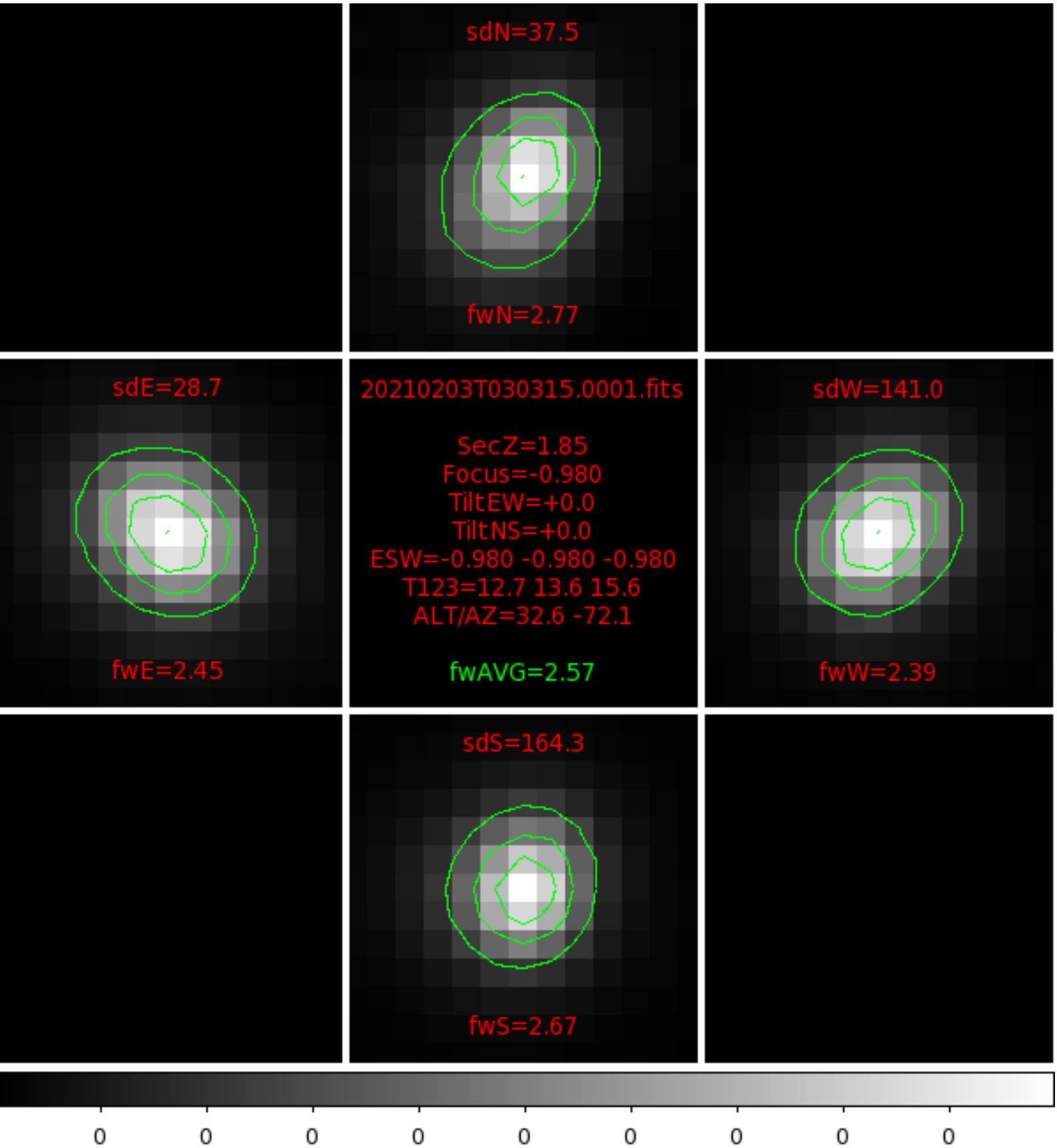

sdN=44.7
fwN=2.87
sdE=36.1
fwE=2.55
20210203T030137.0001.fits
SecZ=1.48
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=12.8 13.7 15.6
ALT/AZ=42.5 -59.4
fwAVG=2.69
sdW=150.8
fwW=2.66
sdS=203.1
fwS=2.68
0 0 0 0 0 0 0 0 0


sdN=37.5
fwN=2.77
sdE=28.7
fwE=2.45
20210203T030315.0001.fits
SecZ=1.85
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=12.7 13.6 15.6
ALT/AZ=32.6 -72.1
fwAVG=2.57
sdW=141.0
fwW=2.39
sdS=164.3
fwS=2.67
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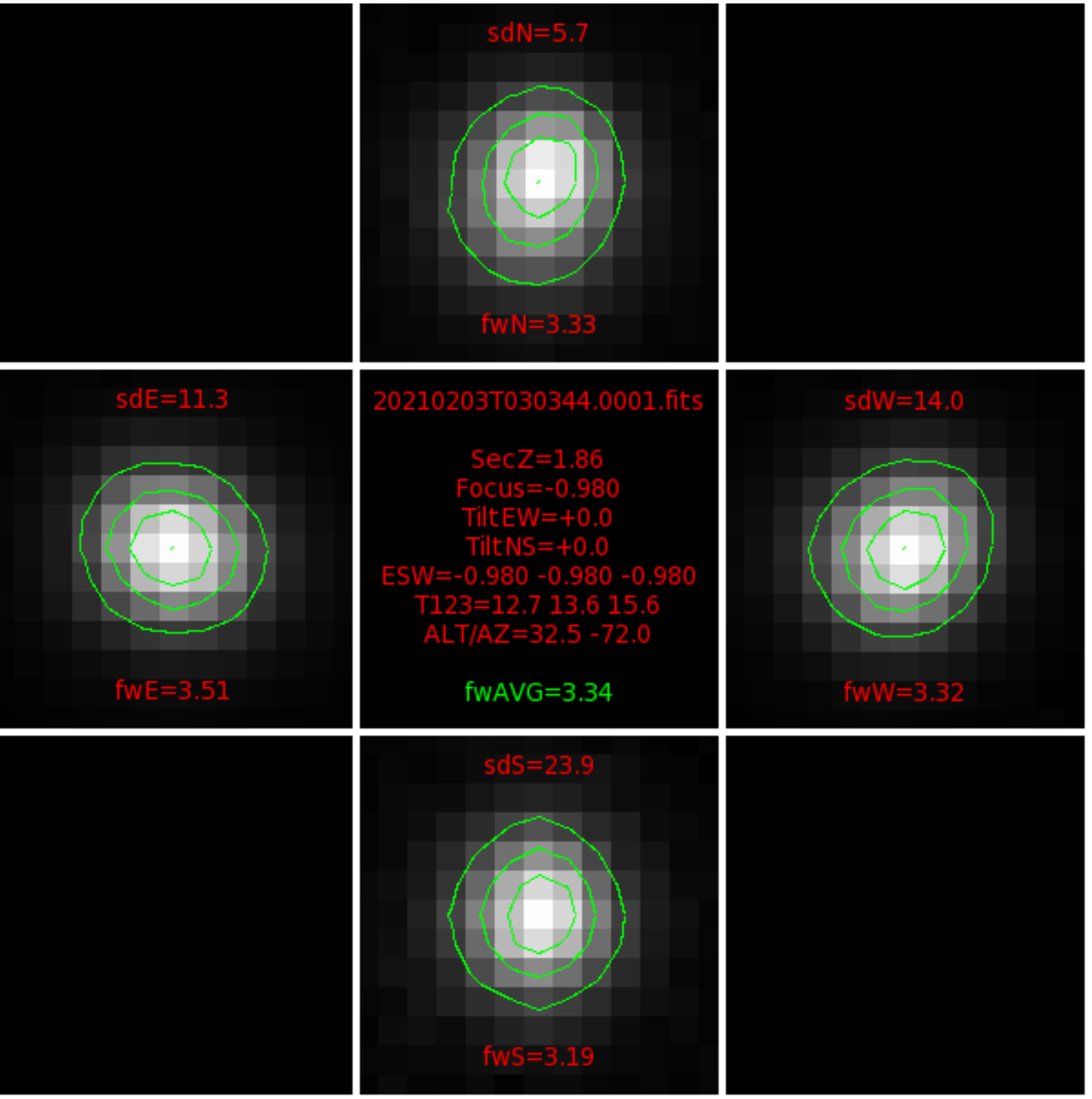
sdN=5.7
fwN=3.33
sdE=11.3
fwE=3.51
20210203T030344.0001.fits
SecZ=1.86
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=12.7 13.6 15.6
ALT/AZ=32.5 -72.0
fwAVG=3.34
sdW=14.0
fwW=3.32
sdS=23.9
fwS=3.19
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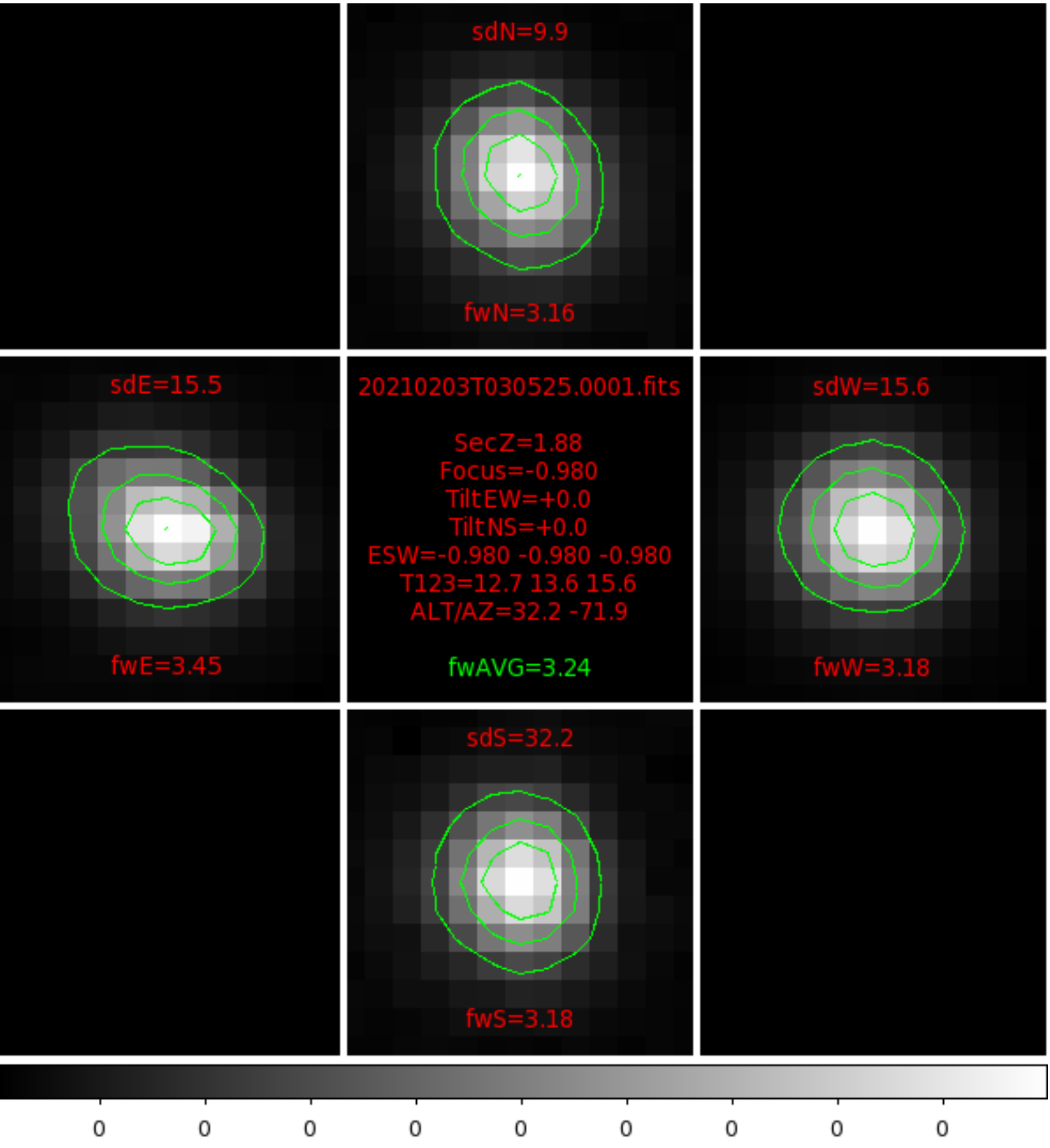
sdN=9.9
fwN=3.16
sdE=15.5
fwE=3.45
20210203T030525.0001.fits
SecZ=1.88
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=12.7 13.6 15.6
ALT/AZ=32.2 -71.9
fwAVG=3.24
sdW=15.6
fwW=3.18
sdS=32.2
fwS=3.18
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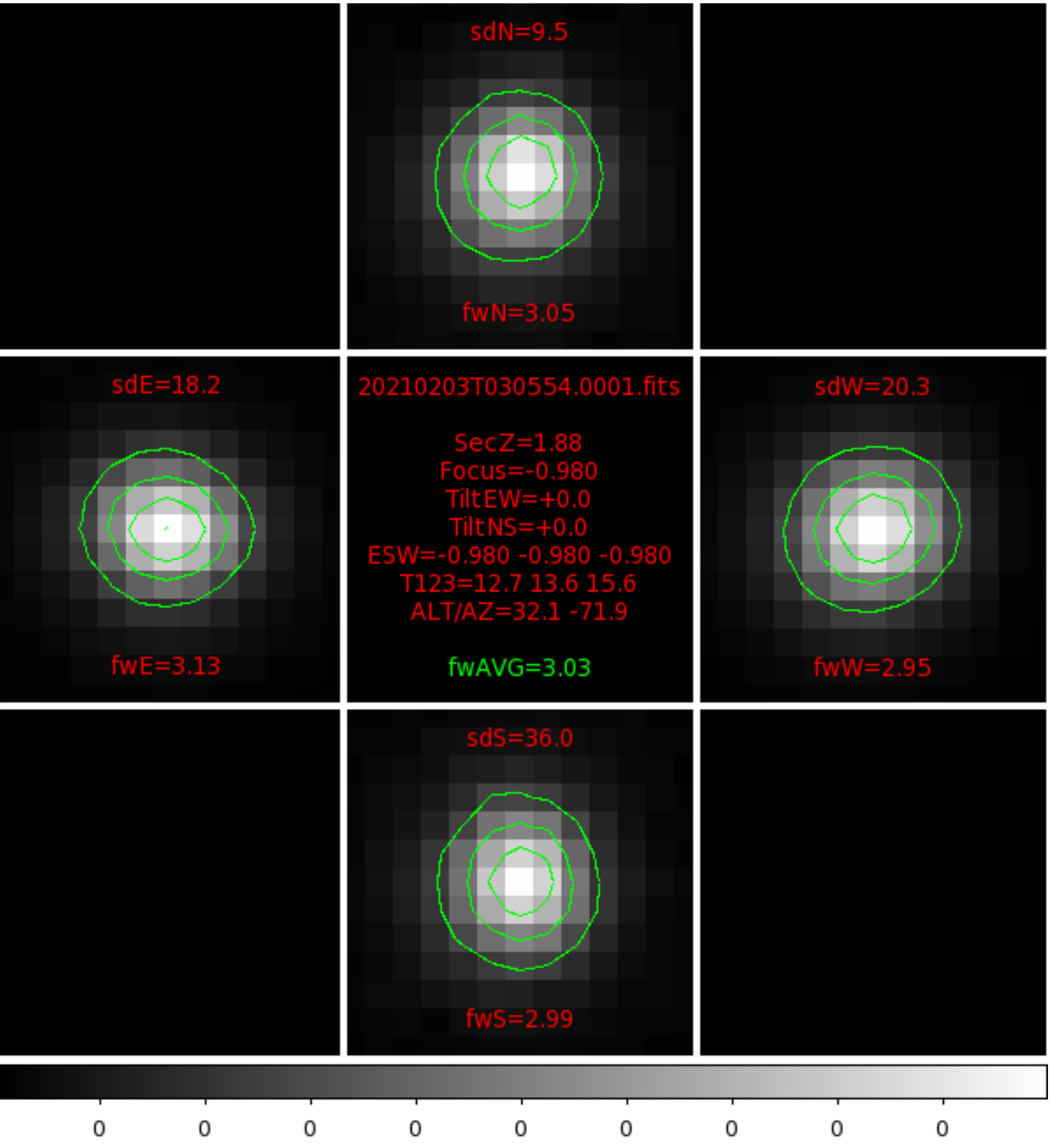
sdN=9.5
fwN=3.05
sdE=18.2
fwE=3.13
20210203T030554.0001.fits
SecZ=1.88
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=12.7 13.6 15.6
ALT/AZ=32.1 -71.9
fwAVG=3.03
sdW=20.3
fwW=2.95
sdS=36.0
fwS=2.99
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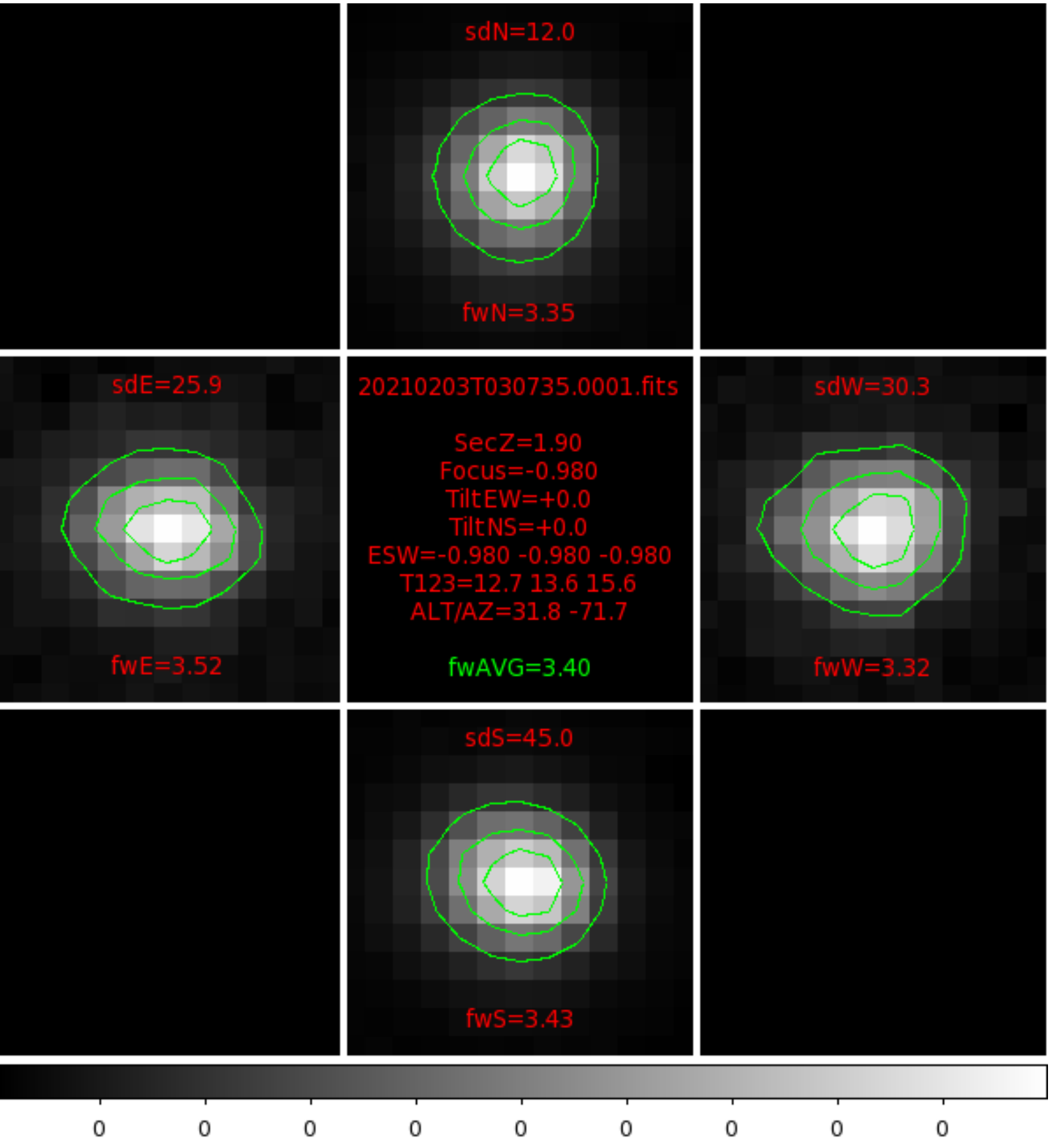
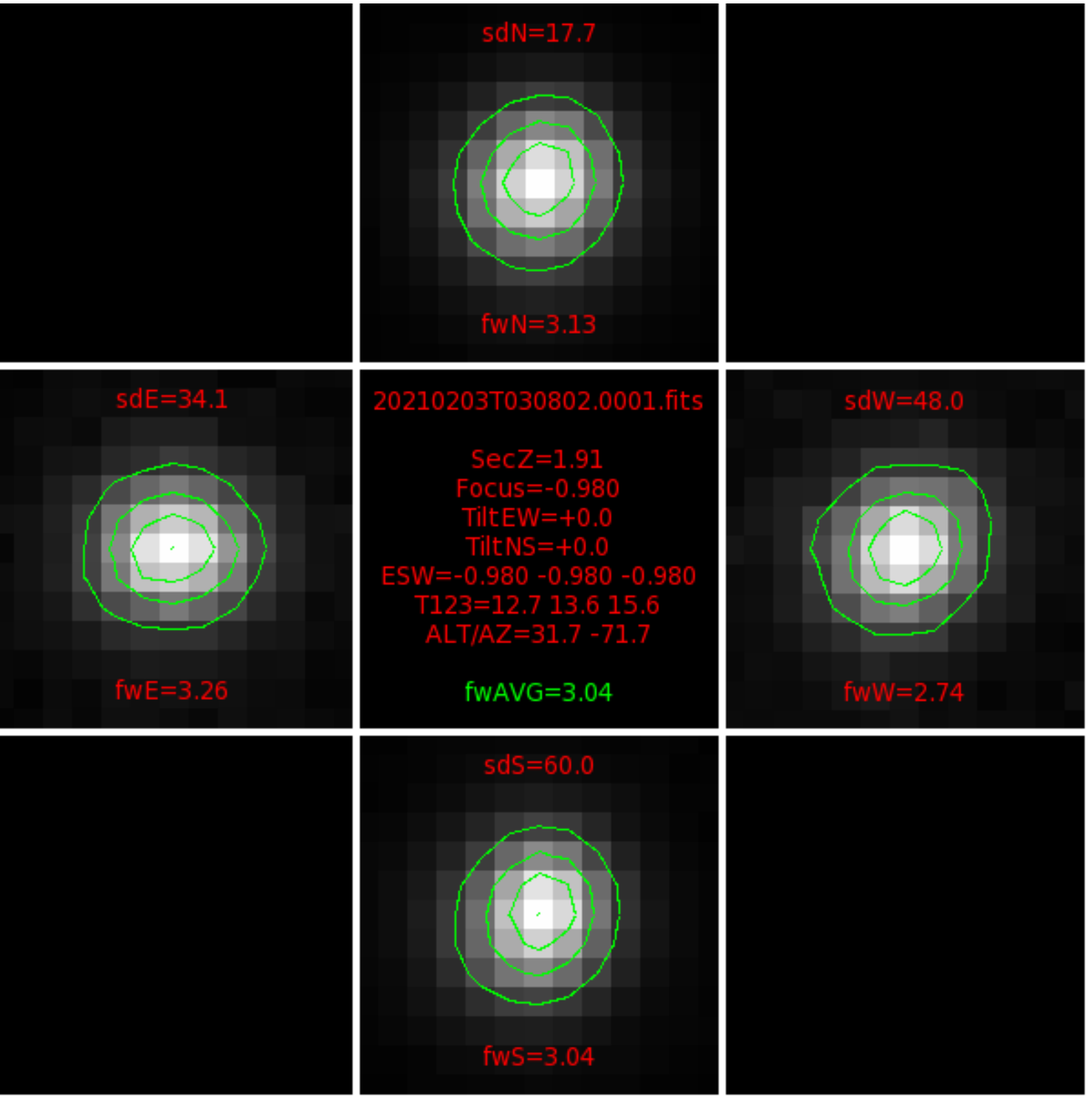

sdN=12.0
fwN=3.35
sdE=25.9
fwE=3.52
20210203T030735.0001.fits
SecZ=1.90
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=12.7 13.6 15.6
ALT/AZ=31.8 -71.7
fwAVG=3.40
sdW=30.3
fwW=3.32
sdS=45.0
fwS=3.43
0 0 0 0 0 0 0 0 0


sdN=17.7
fwN=3.13
sdE=34.1
fwE=3.26
20210203T030802.0001.fits
SecZ=1.91
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=12.7 13.6 15.6
ALT/AZ=31.7 -71.7
fwAVG=3.04
sdW=48.0
fwW=2.74
sdS=60.0
fwS=3.04
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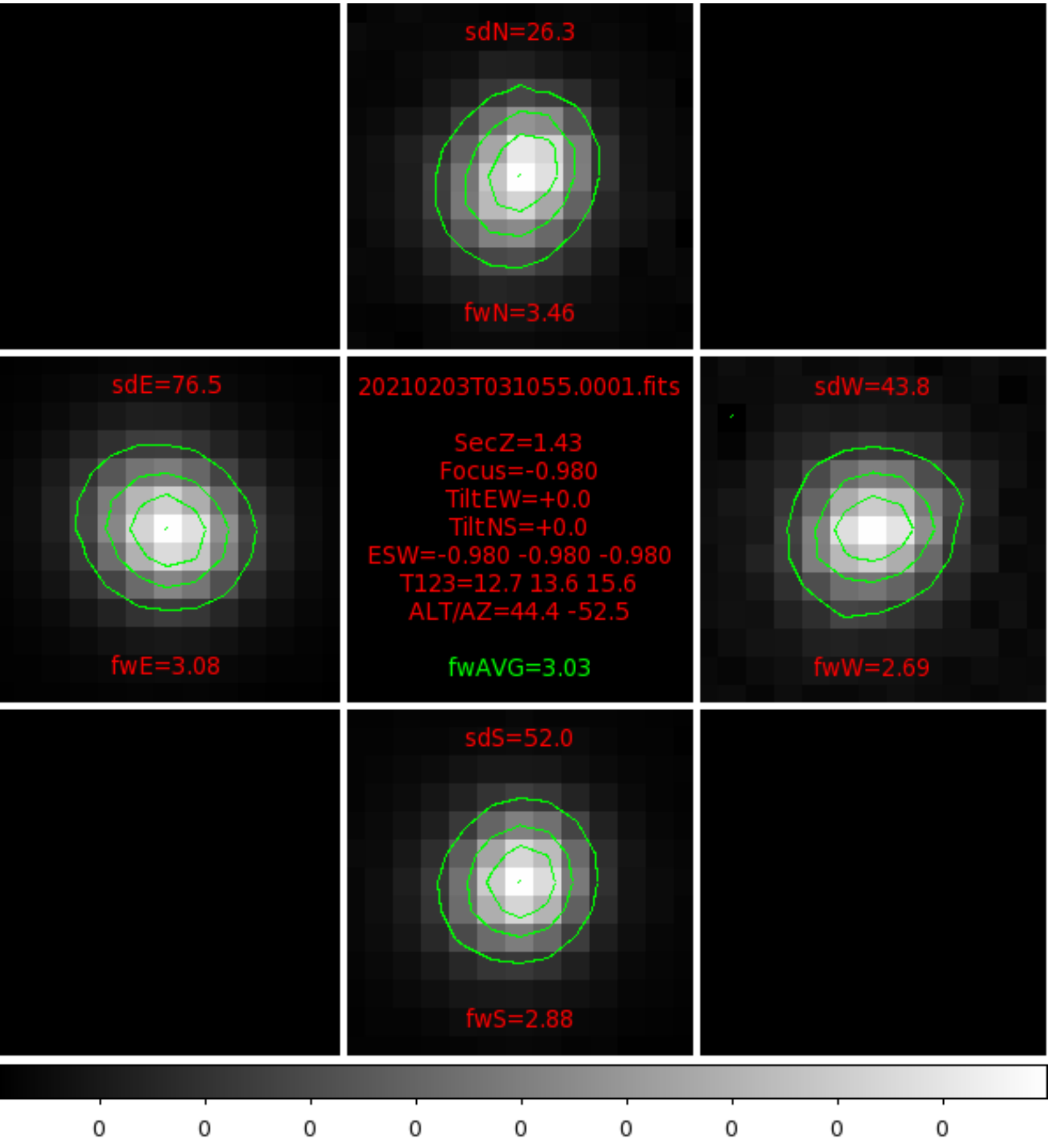
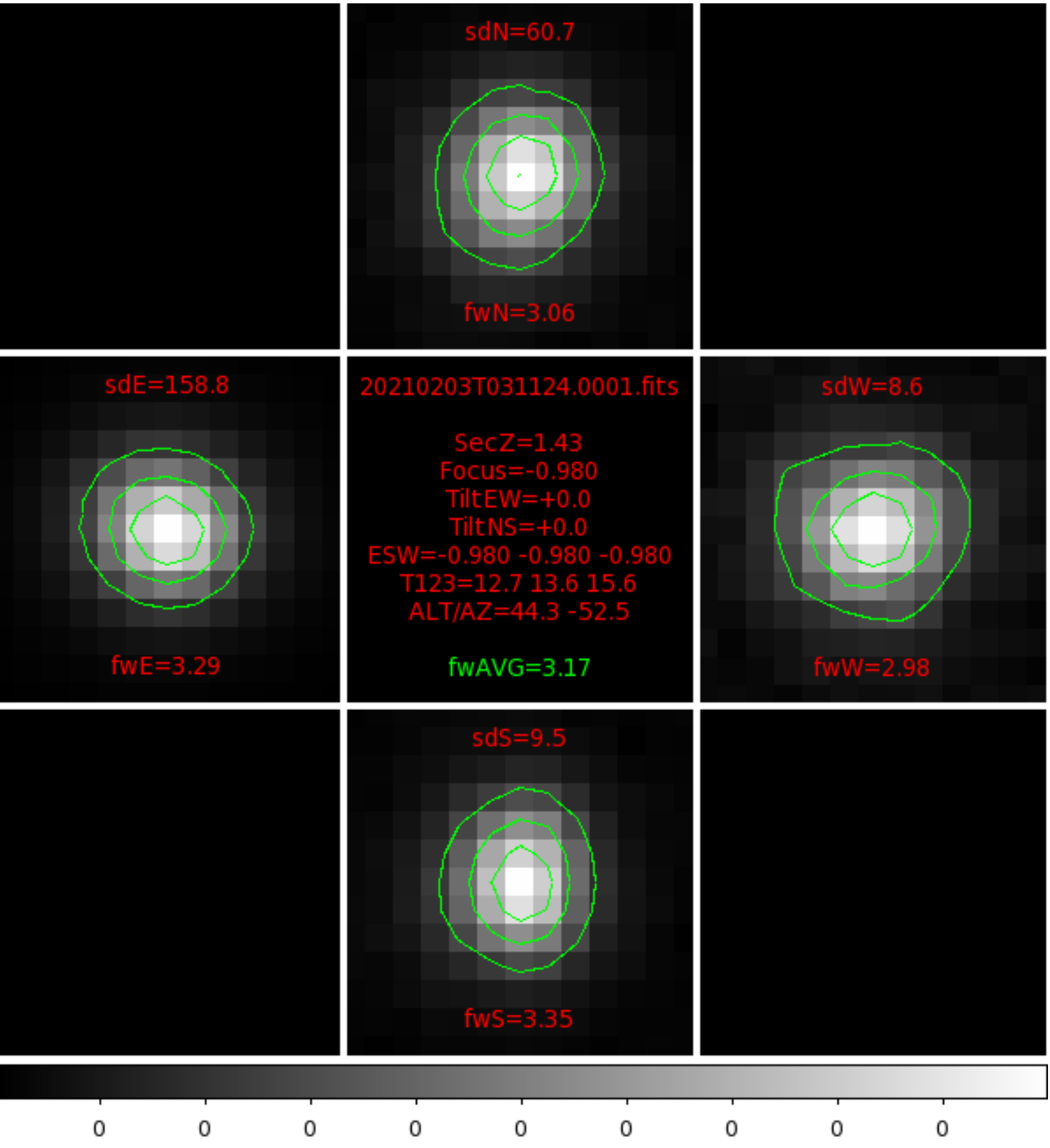
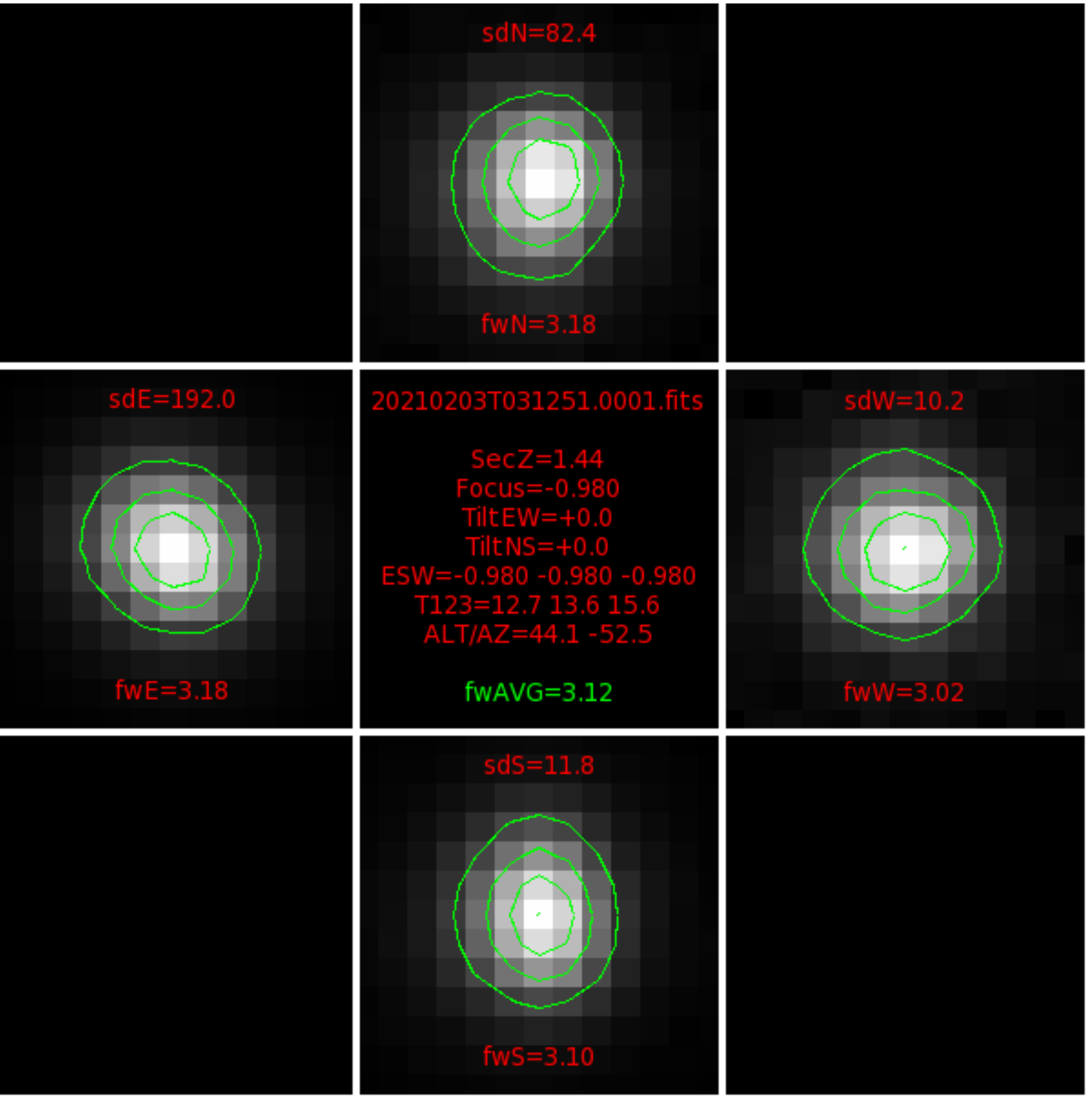

sdN=26.3
fwN=3.46
sdE=76.5
fwE=3.08
20210203T031055.0001.fits
SecZ=1.43
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=12.7 13.6 15.6
ALT/AZ=44.4 -52.5
fwAVG=3.03
sdW=43.8
fwW=2.69
sdS=52.0
fwS=2.88
0 0 0 0 0 0 0 0 0


sdN=60.7
fwN=3.06
sdE=158.8
fwE=3.29
20210203T031124.0001.fits
SecZ=1.43
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=12.7 13.6 15.6
ALT/AZ=44.3 -52.5
fwAVG=3.17
sdW=8.6
fwW=2.98
sdS=9.5
fwS=3.35
0 0 0 0 0 0 0 0 0


sdN=82.4
fwN=3.18
sdE=192.0
fwE=3.18
20210203T031251.0001.fits
SecZ=1.44
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=12.7 13.6 15.6
ALT/AZ=44.1 -52.5
fwAVG=3.12
sdW=10.2
fwW=3.02
sdS=11.8
fwS=3.10
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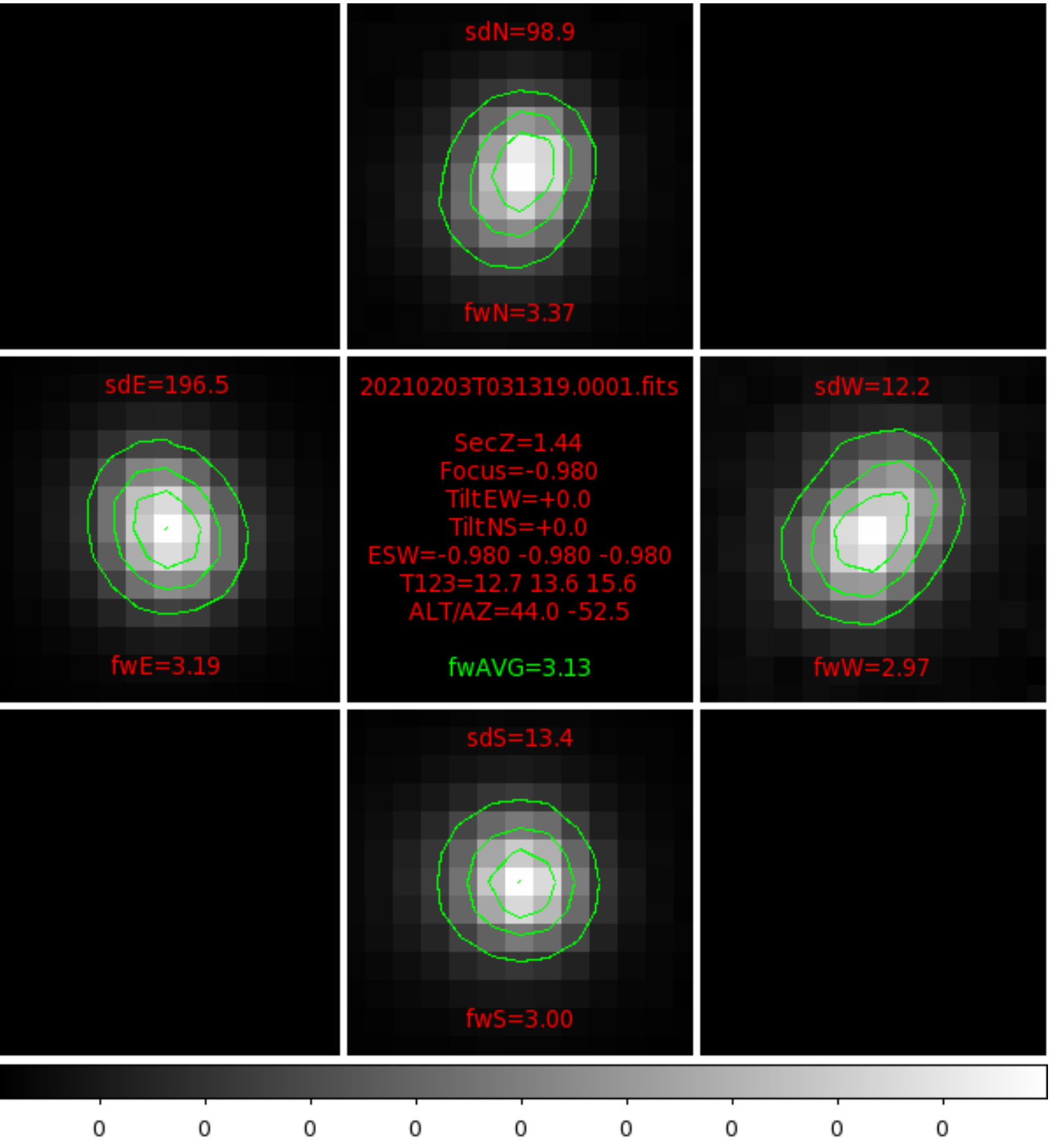
sdN=98.9
fwN=3.37
sdE=196.5
fwE=3.19
20210203T031319.0001.fits
SecZ=1.44
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=12.7 13.6 15.6
ALT/AZ=44.0 -52.5
fwAVG=3.13
sdW=12.2
fwW=2.97
sdS=13.4
fwS=3.00
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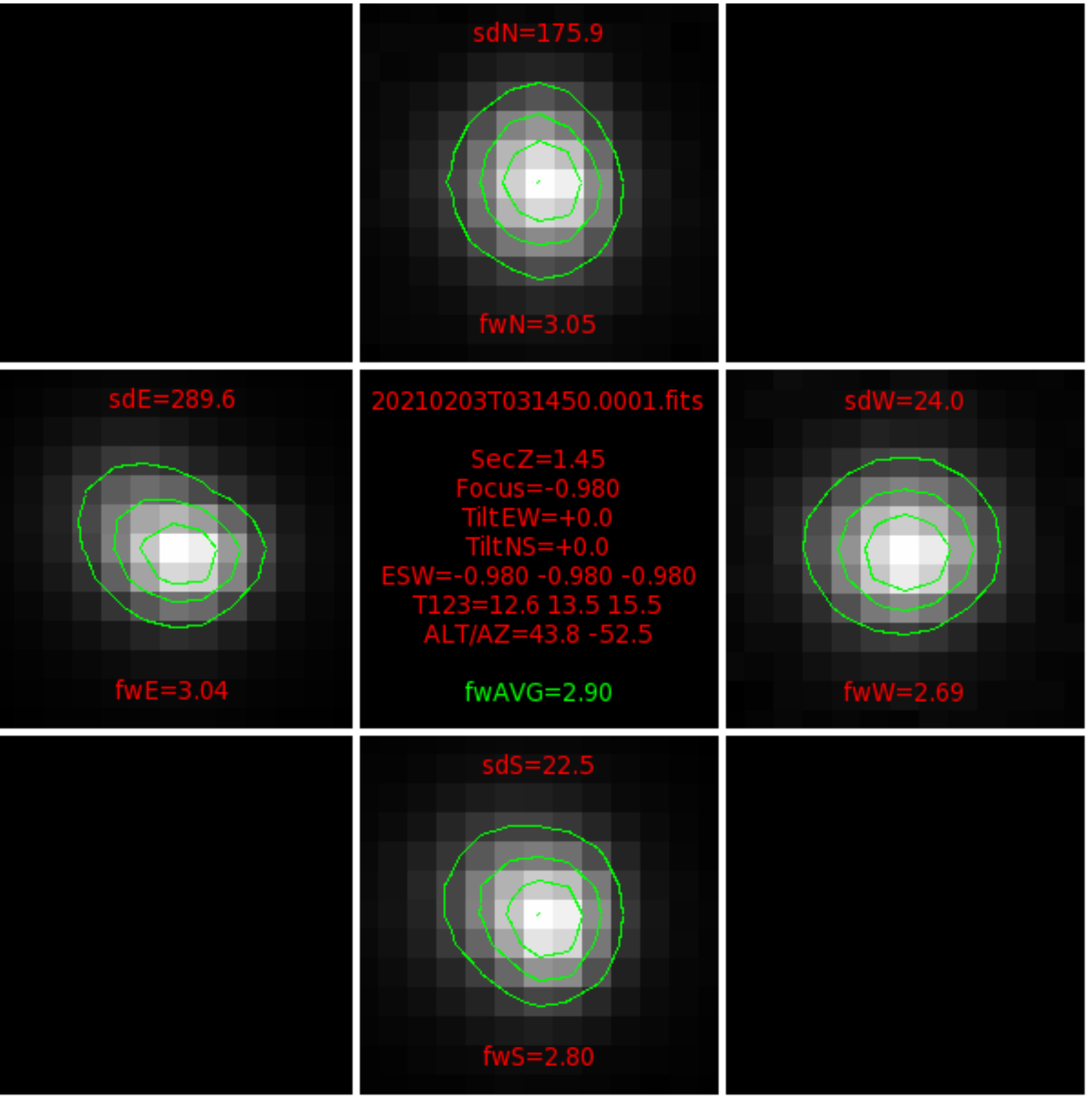
sdN=175.9
fwN=3.05
sdE=289.6
fwE=3.04
20210203T031450.0001.fits
SecZ=1.45
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=12.6 13.5 15.5
ALT/AZ=43.8 -52.5
fwAVG=2.90
sdW=24.0
fwW=2.69
sdS=22.5
fwS=2.80
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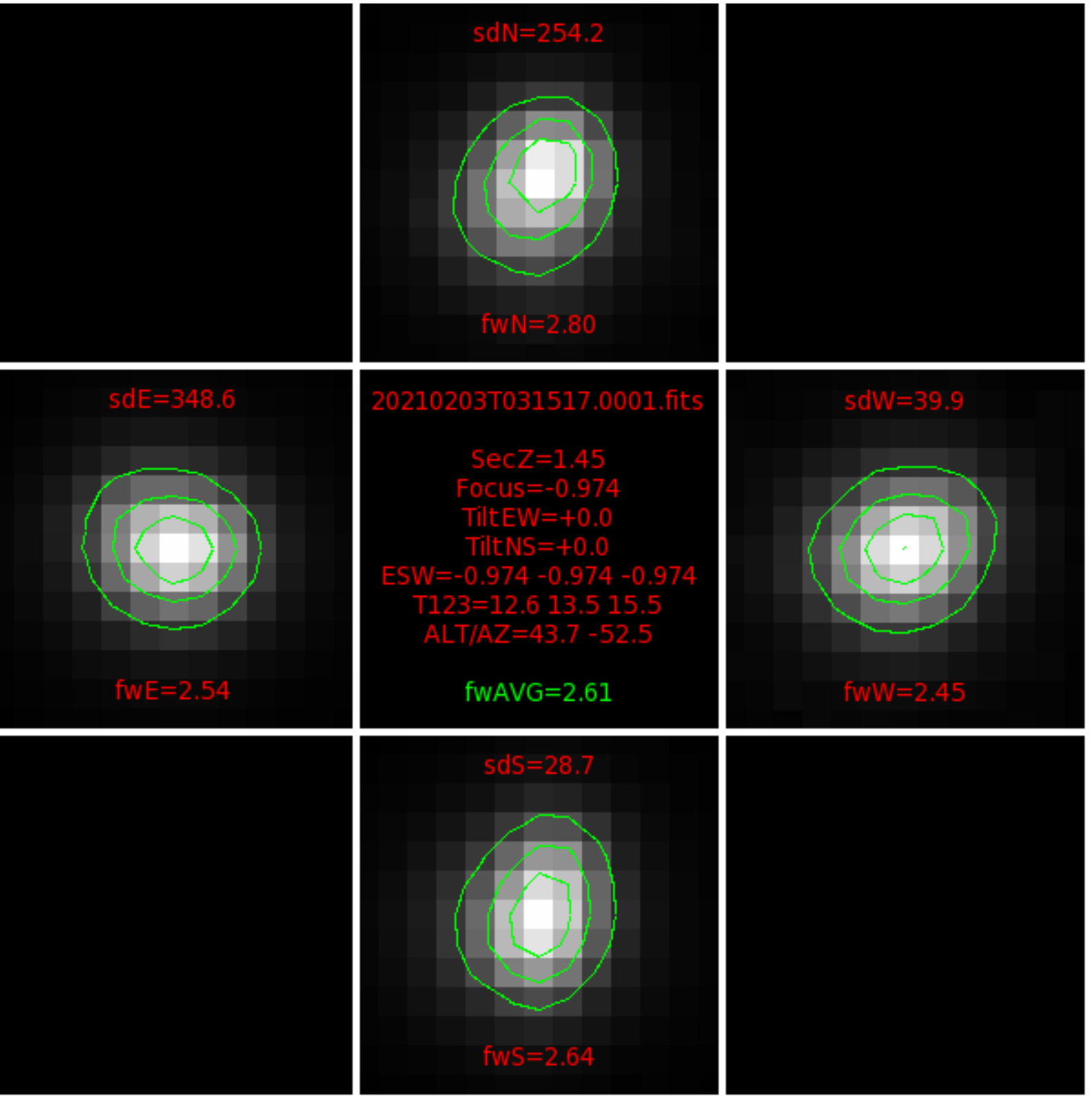
sdN=254.2
fwN=2.80
sdE=348.6
fwE=2.54
20210203T031517.0001.fits
SecZ=1.45
Focus=-0.974
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.974 -0.974 -0.974
T123=12.6 13.5 15.5
ALT/AZ=43.7 -52.5
fwAVG=2.61
sdW=39.9
fwW=2.45
sdS=28.7
fwS=2.64
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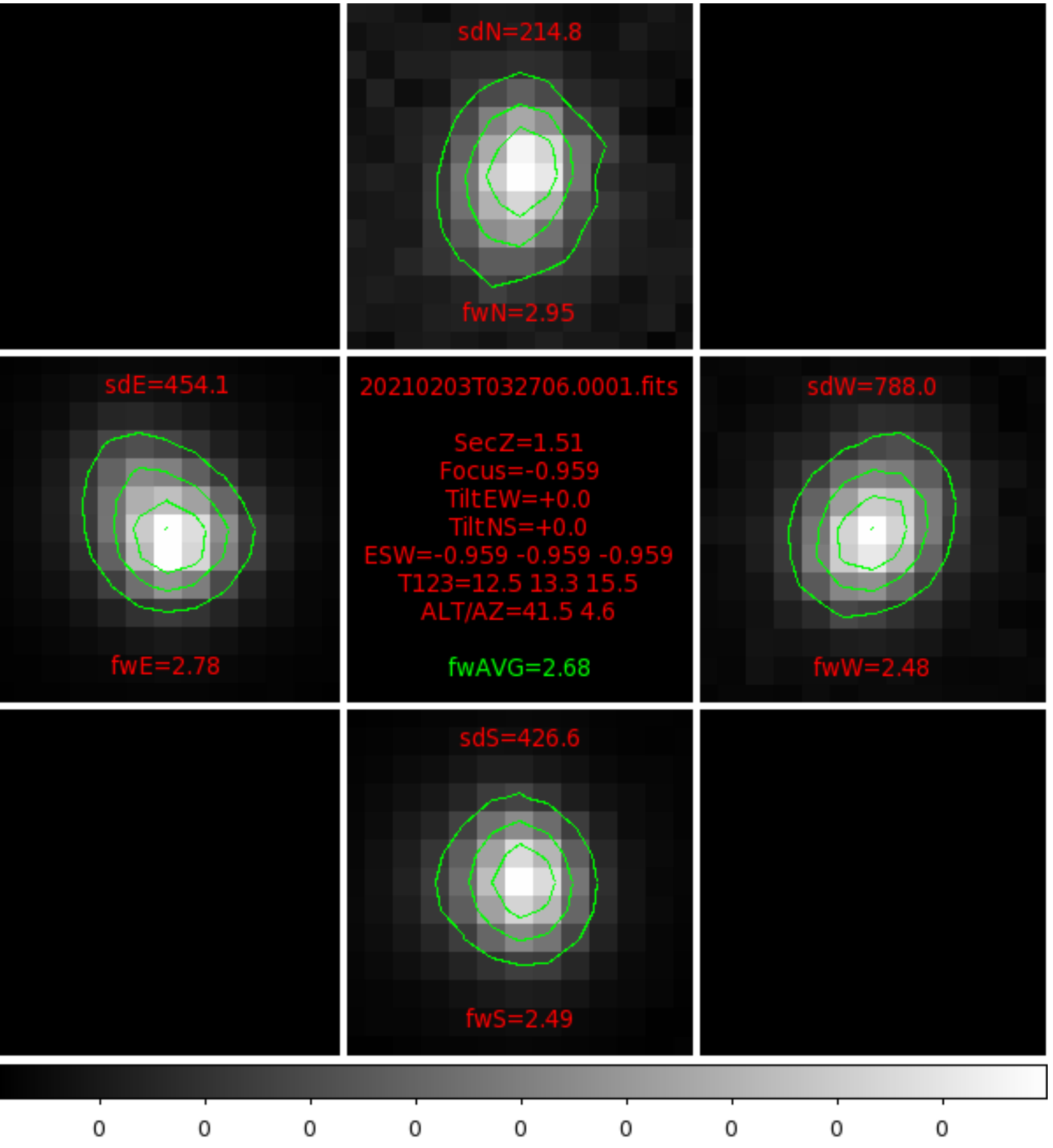
sdN=214.8
fwN=2.95
sdE=454.1
fwE=2.78
20210203T032706.0001.fits
SecZ=1.51
Focus=-0.959
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.959 -0.959 -0.959
T123=12.5 13.3 15.5
ALT/AZ=41.5 4.6
fwAVG=2.68
sdW=788.0
fwW=2.48
sdS=426.6
fwS=2.49
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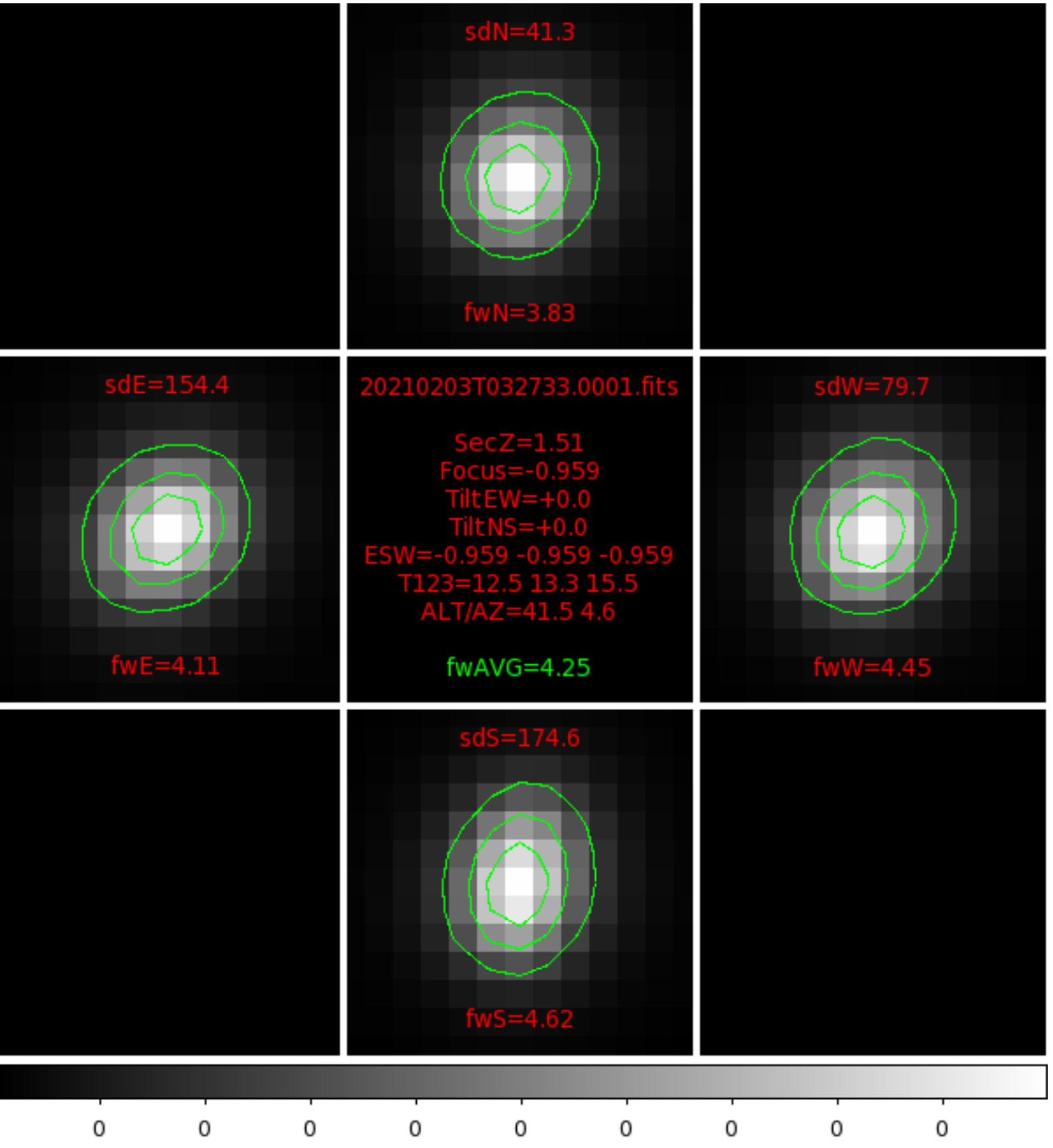
sdN=41.3
fwN=3.83
sdE=154.4
fwE=4.11
20210203T032733.0001.fits
SecZ=1.51
Focus=-0.959
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.959 -0.959 -0.959
T123=12.5 13.3 15.5
ALT/AZ=41.5 4.6
fwAVG=4.25
sdW=79.7
fwW=4.45
sdS=174.6
fwS=4.62
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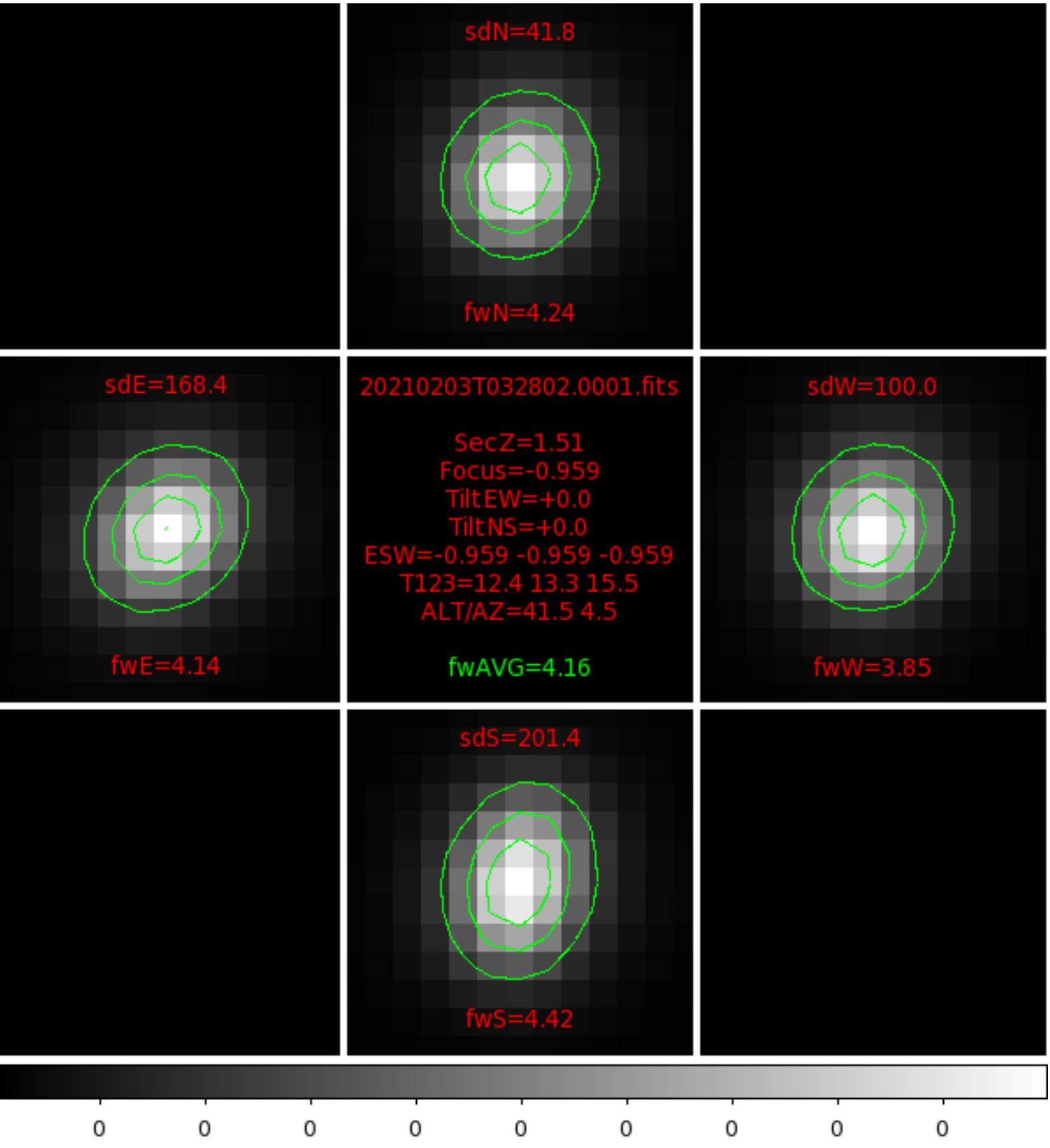
sdN=41.8
fwN=4.24
sdE=168.4
fwE=4.14
20210203T032802.0001.fits
SecZ=1.51
Focus=-0.959
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.959 -0.959 -0.959
T123=12.4 13.3 15.5
ALT/AZ=41.5 4.5
fwAVG=4.16
sdW=100.0
fwW=3.85
sdS=201.4
fwS=4.42
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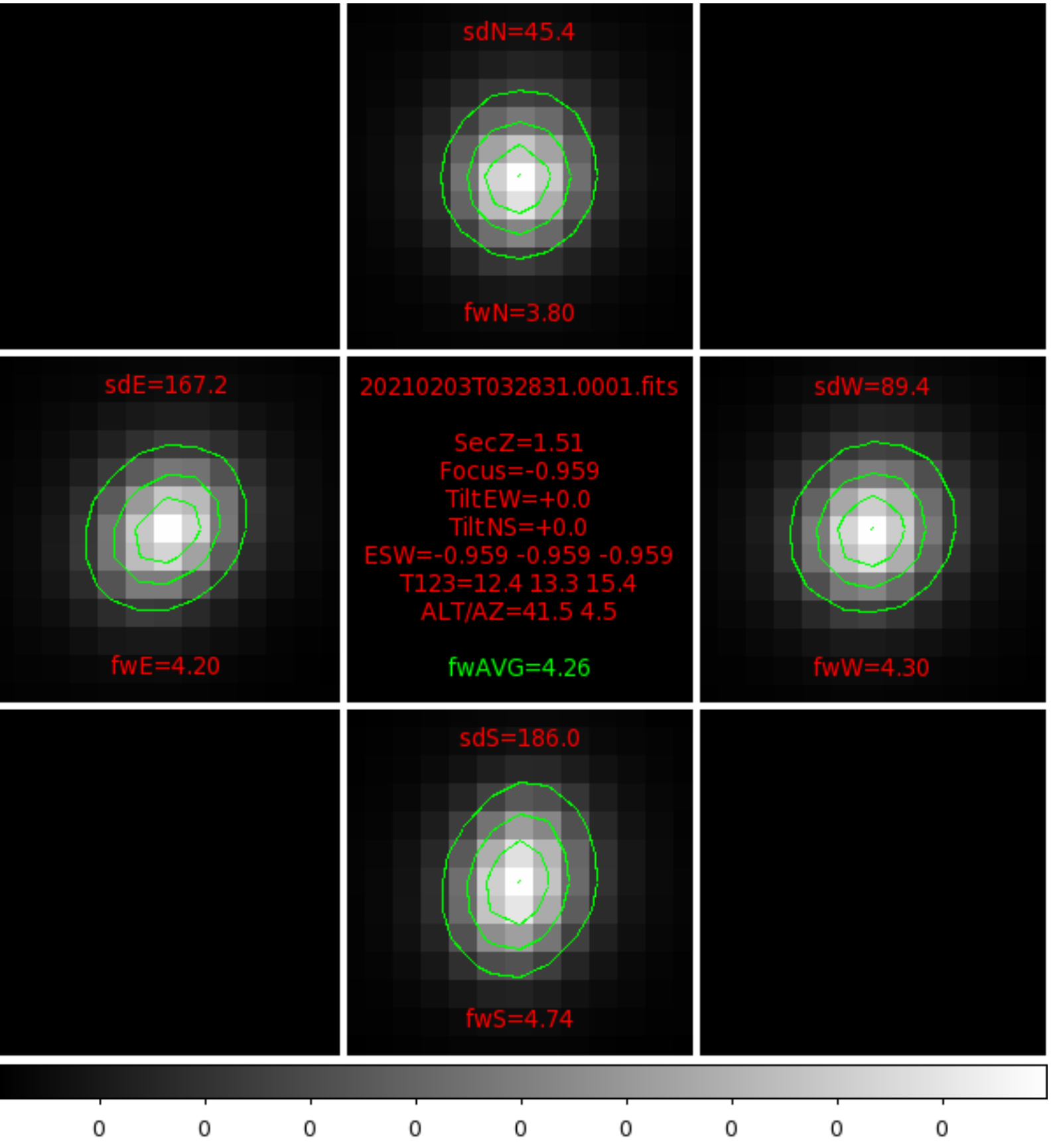
sdN=45.4
fwN=3.80
sdE=167.2
fwE=4.20
20210203T032831.0001.fits
SecZ=1.51
Focus=-0.959
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.959 -0.959 -0.959
T123=12.4 13.3 15.4
ALT/AZ=41.5 4.5
fwAVG=4.26
sdW=89.4
fwW=4.30
sdS=186.0
fwS=4.74
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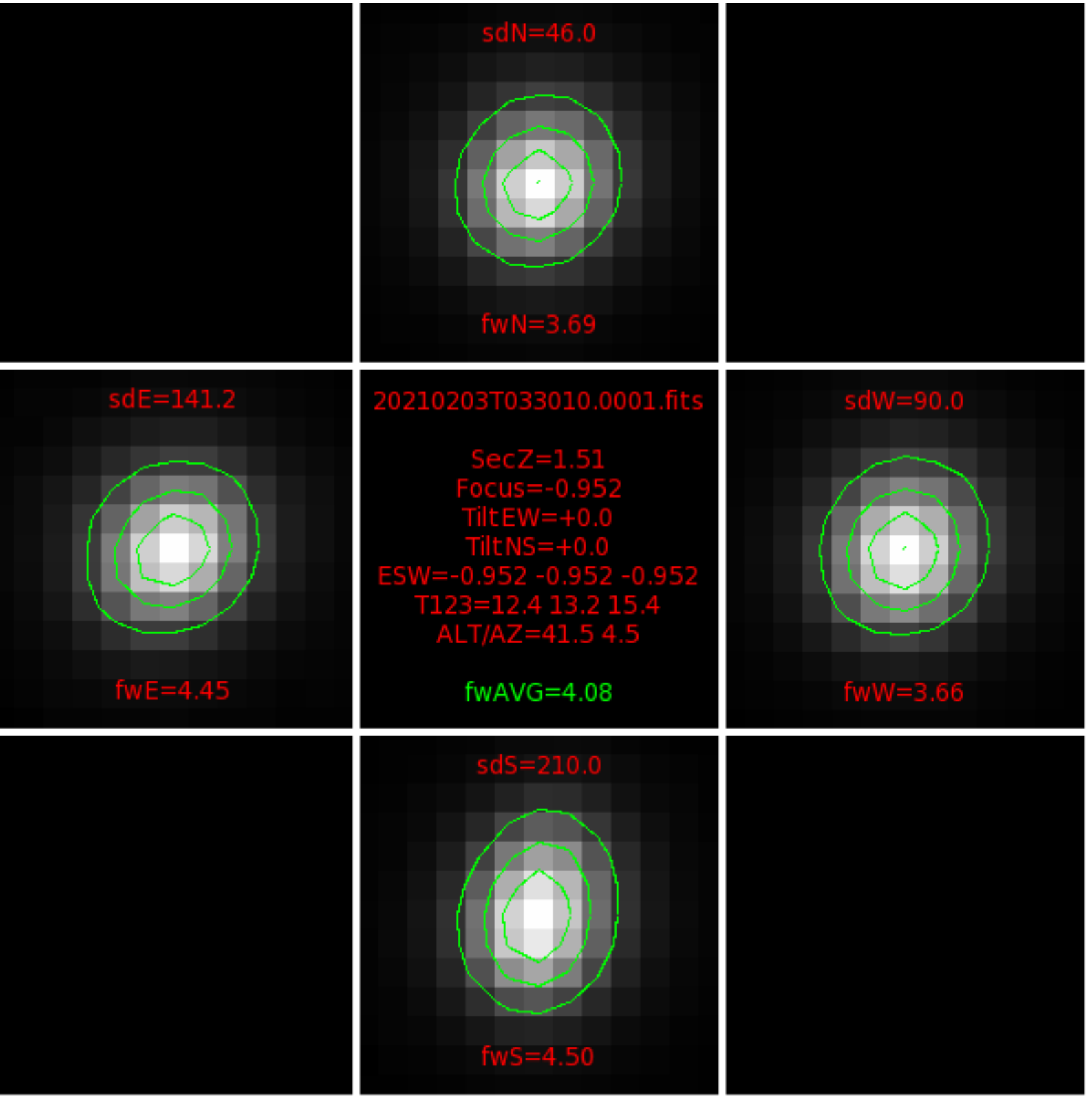
sdN=46.0
fwN=3.69
sdE=141.2
fwE=4.45
20210203T033010.0001.fits
SecZ=1.51
Focus=-0.952
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.952 -0.952 -0.952
T123=12.4 13.2 15.4
ALT/AZ=41.5 4.5
fwAVG=4.08
sdW=90.0
fwW=3.66
sdS=210.0
fwS=4.50
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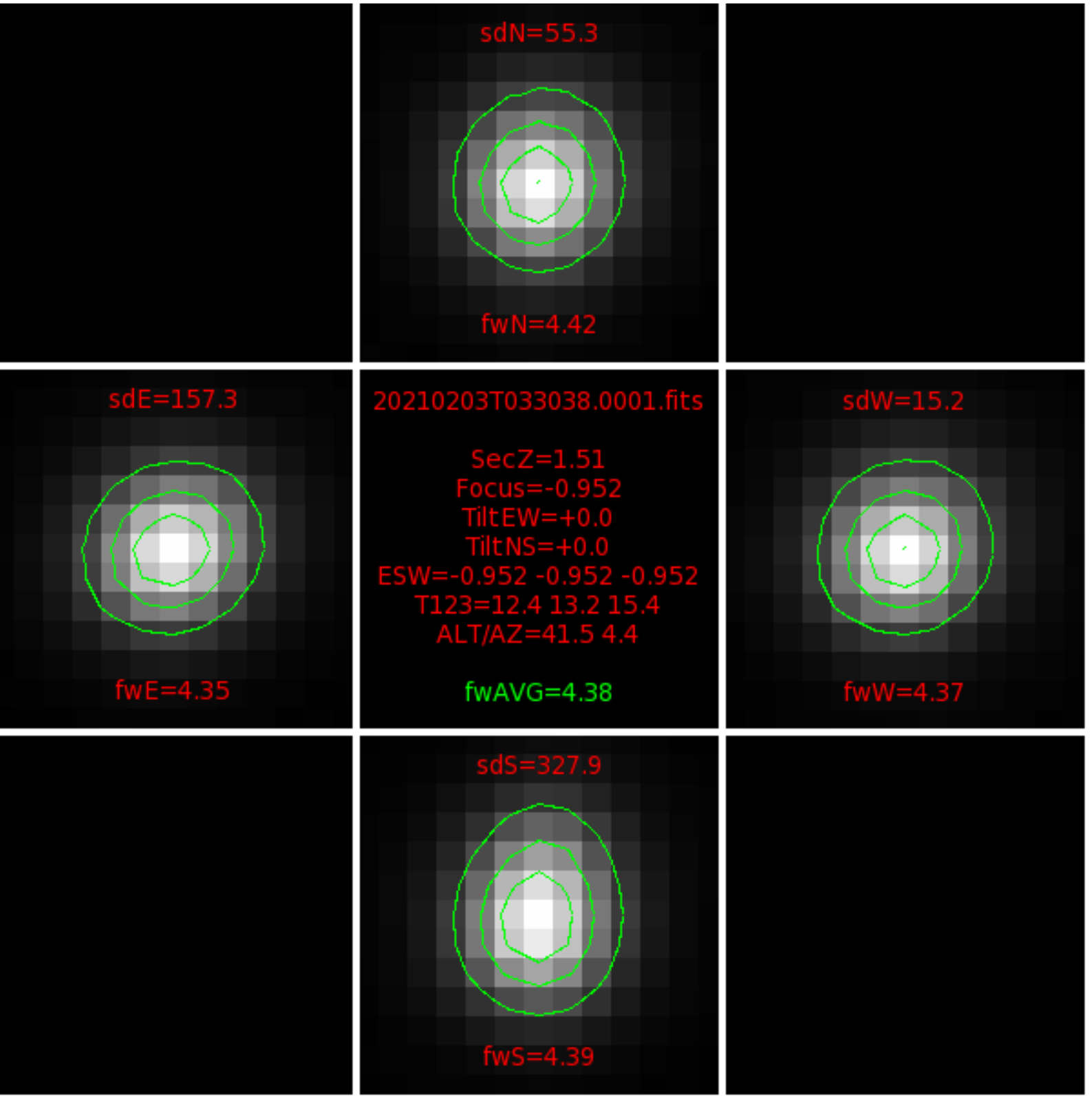
sdN=55.3
fwN=4.42
sdE=157.3
fwE=4.35
20210203T033038.0001.fits
SecZ=1.51
Focus=-0.952
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.952 -0.952 -0.952
T123=12.4 13.2 15.4
ALT/AZ=41.5 4.4
fwAVG=4.38
sdW=15.2
fwW=4.37
sdS=327.9
fwS=4.39
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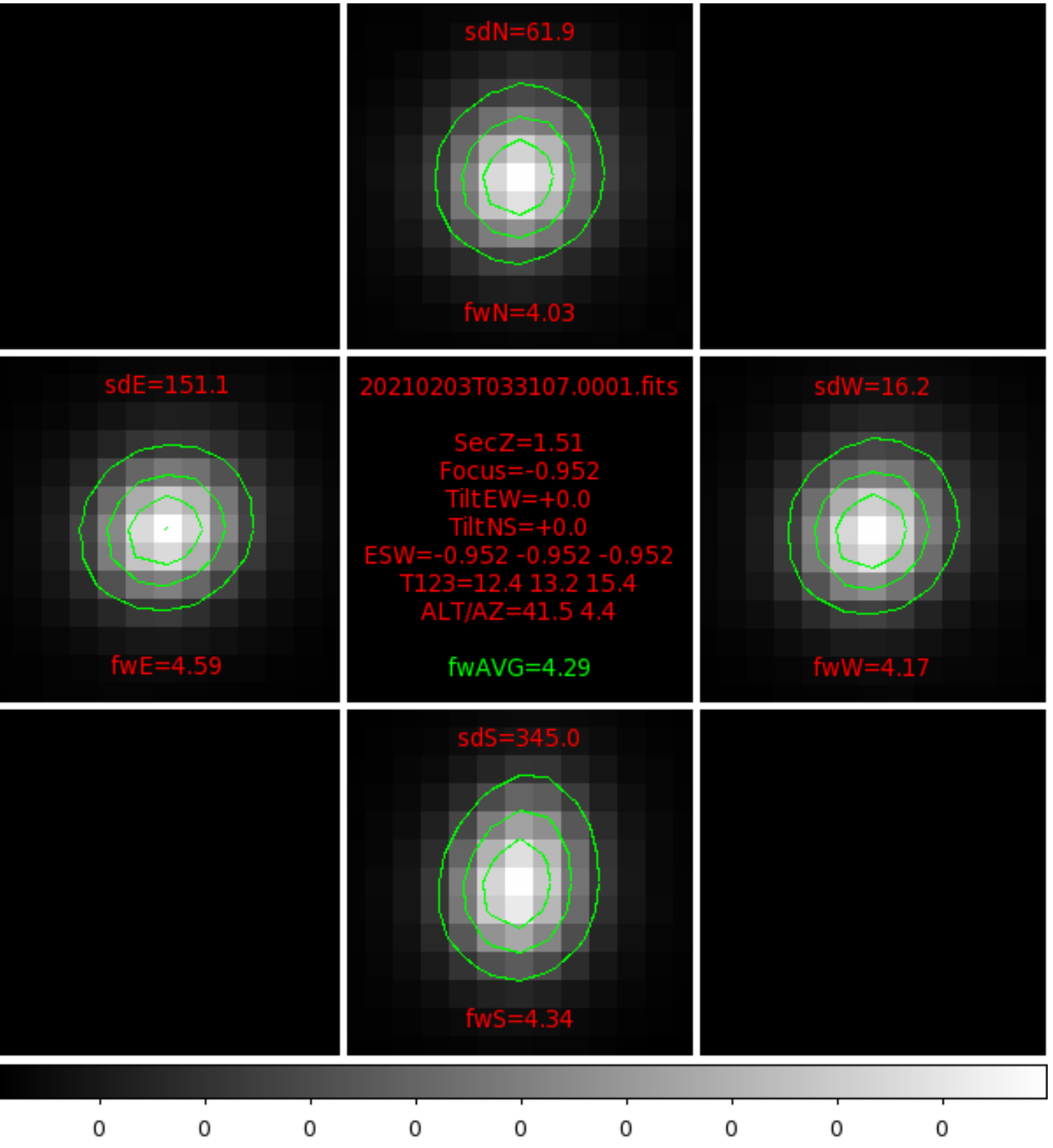
sdN=61.9
fwN=4.03
sdE=151.1
fwE=4.59
20210203T033107.0001.fits
SecZ=1.51
Focus=-0.952
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.952 -0.952 -0.952
T123=12.4 13.2 15.4
ALT/AZ=41.5 4.4
fwAVG=4.29
sdW=16.2
fwW=4.17
sdS=345.0
fwS=4.34
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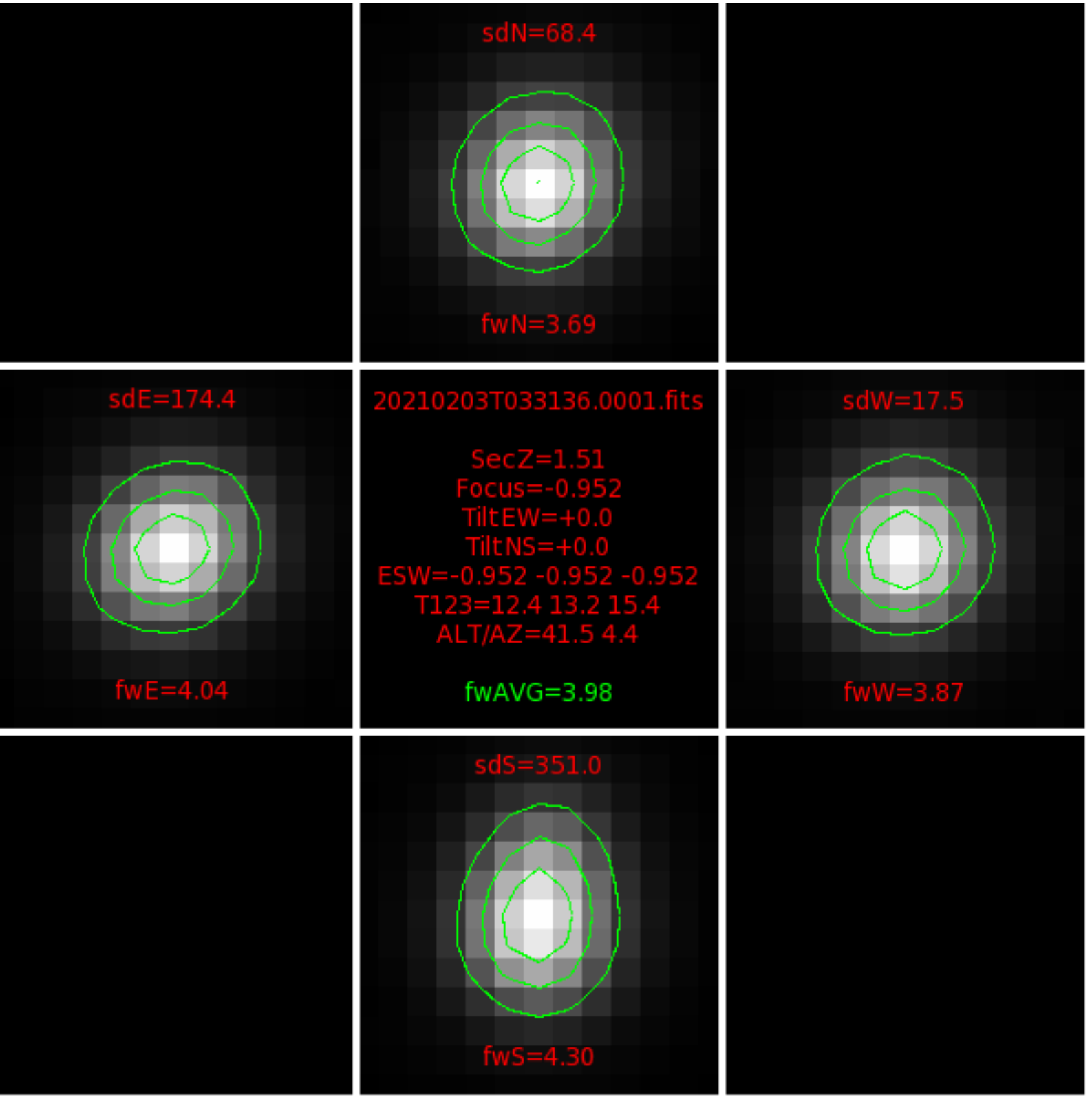
sdN=68.4
fwN=3.69
sdE=174.4
fwE=4.04
20210203T033136.0001.fits
SecZ=1.51
Focus=-0.952
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.952 -0.952 -0.952
T123=12.4 13.2 15.4
ALT/AZ=41.5 4.4
fwAVG=3.98
sdW=17.5
fwW=3.87
sdS=351.0
fwS=4.30
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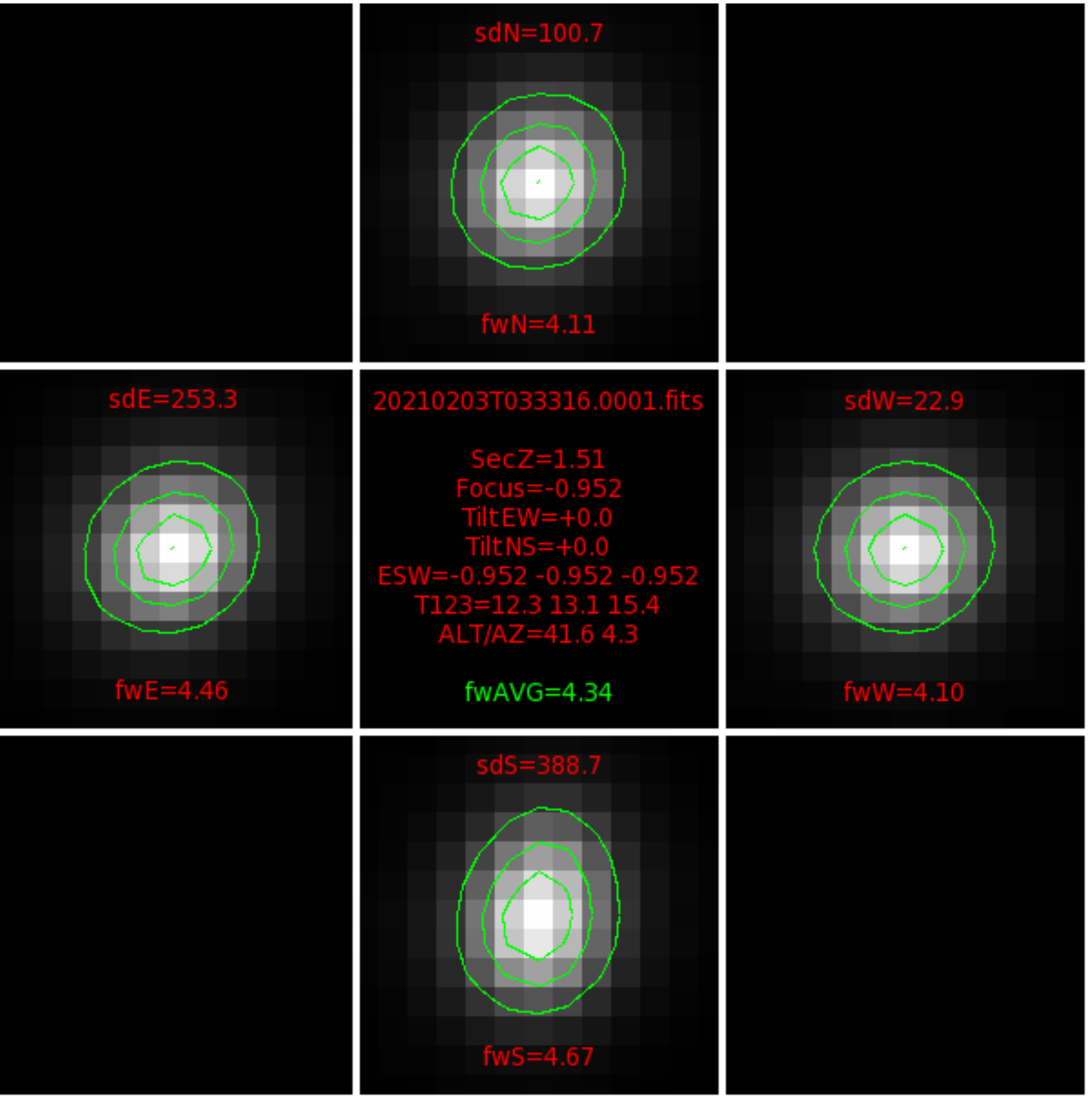
sdN=100.7
fwN=4.11
sdE=253.3
fwE=4.46
20210203T033316.0001.fits
SecZ=1.51
Focus=-0.952
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.952 -0.952 -0.952
T123=12.3 13.1 15.4
ALT/AZ=41.6 4.3
fwAVG=4.34
sdW=22.9
fwW=4.10
sdS=388.7
fwS=4.67
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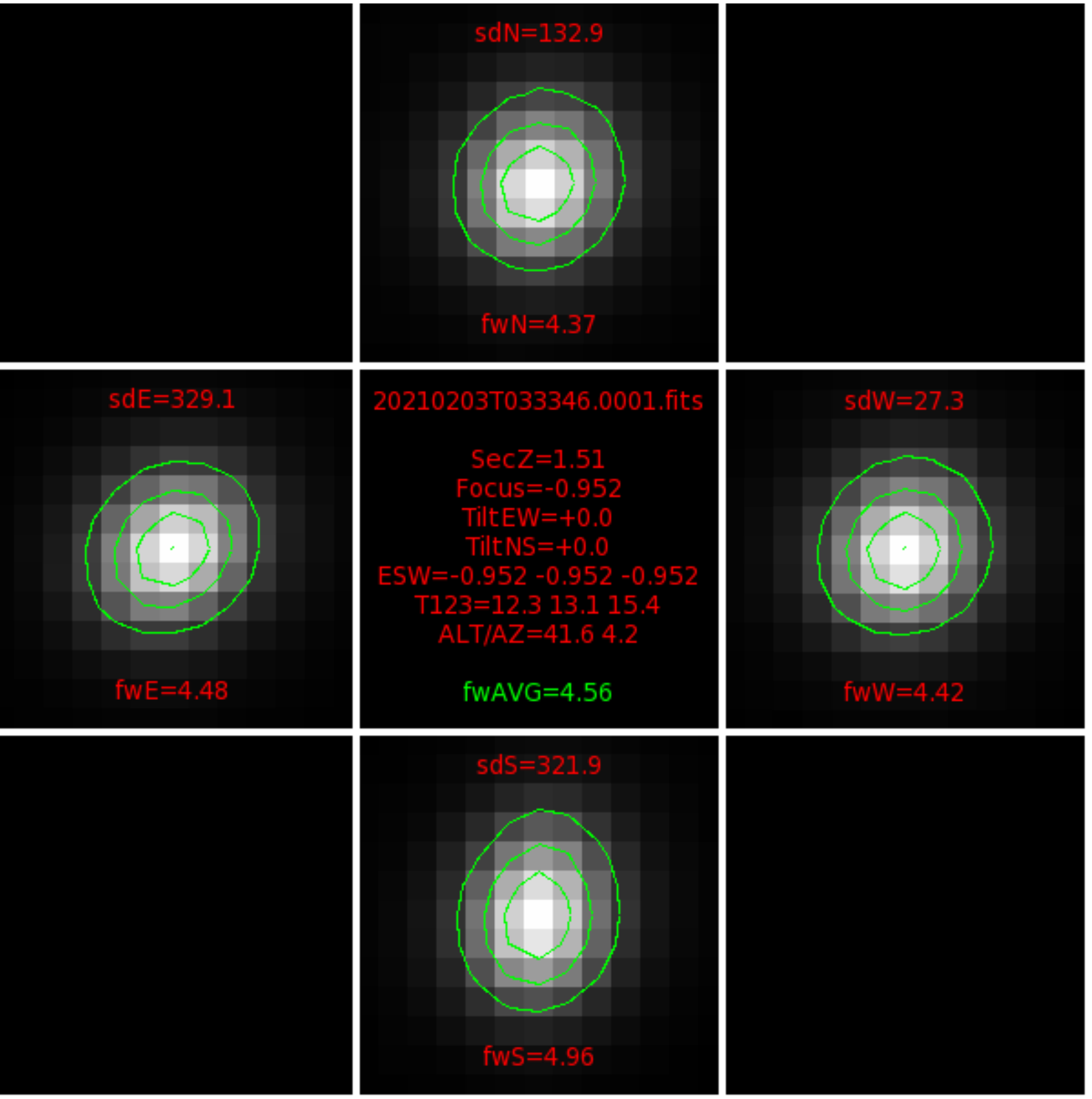
sdN=132.9
fwN=4.37
sdE=329.1
fwE=4.48
20210203T033346.0001.fits
SecZ=1.51
Focus=-0.952
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.952 -0.952 -0.952
T123=12.3 13.1 15.4
ALT/AZ=41.6 4.2
fwAVG=4.56
sdW=27.3
fwW=4.42
sdS=321.9
fwS=4.96
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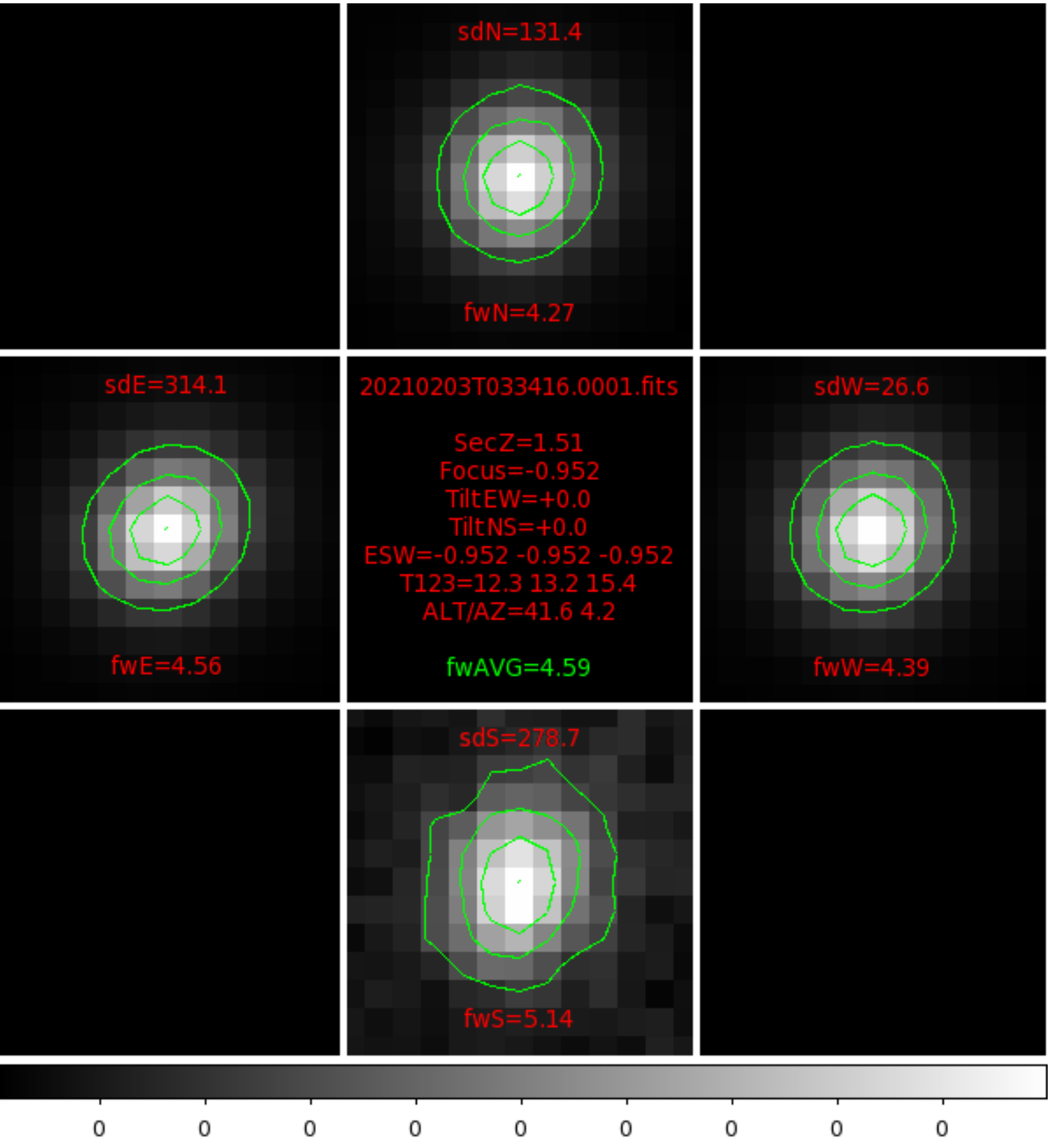
sdN=131.4
fwN=4.27
sdE=314.1
fwE=4.56
20210203T033416.0001.fits
SecZ=1.51
Focus=-0.952
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.952 -0.952 -0.952
T123=12.3 13.2 15.4
ALT/AZ=41.6 4.2
fwAVG=4.59
sdW=26.6
fwW=4.39
sdS=278.7
fwS=5.14
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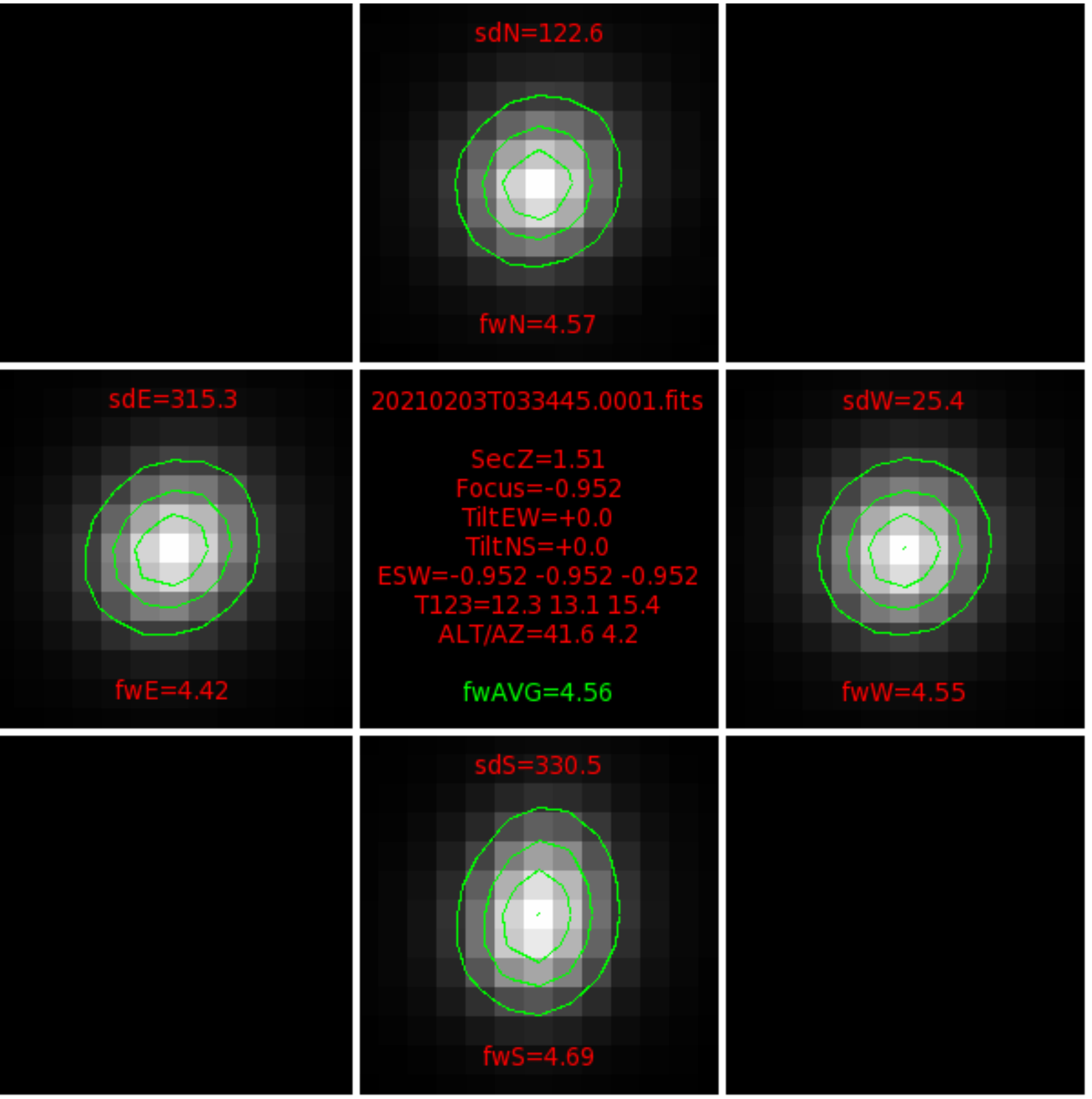
sdN=122.6
fwN=4.57
sdE=315.3
fwE=4.42
20210203T033445.0001.fits
SecZ=1.51
Focus=-0.952
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.952 -0.952 -0.952
T123=12.3 13.1 15.4
ALT/AZ=41.6 4.2
fwAVG=4.56
sdW=25.4
fwW=4.55
sdS=330.5
fwS=4.69
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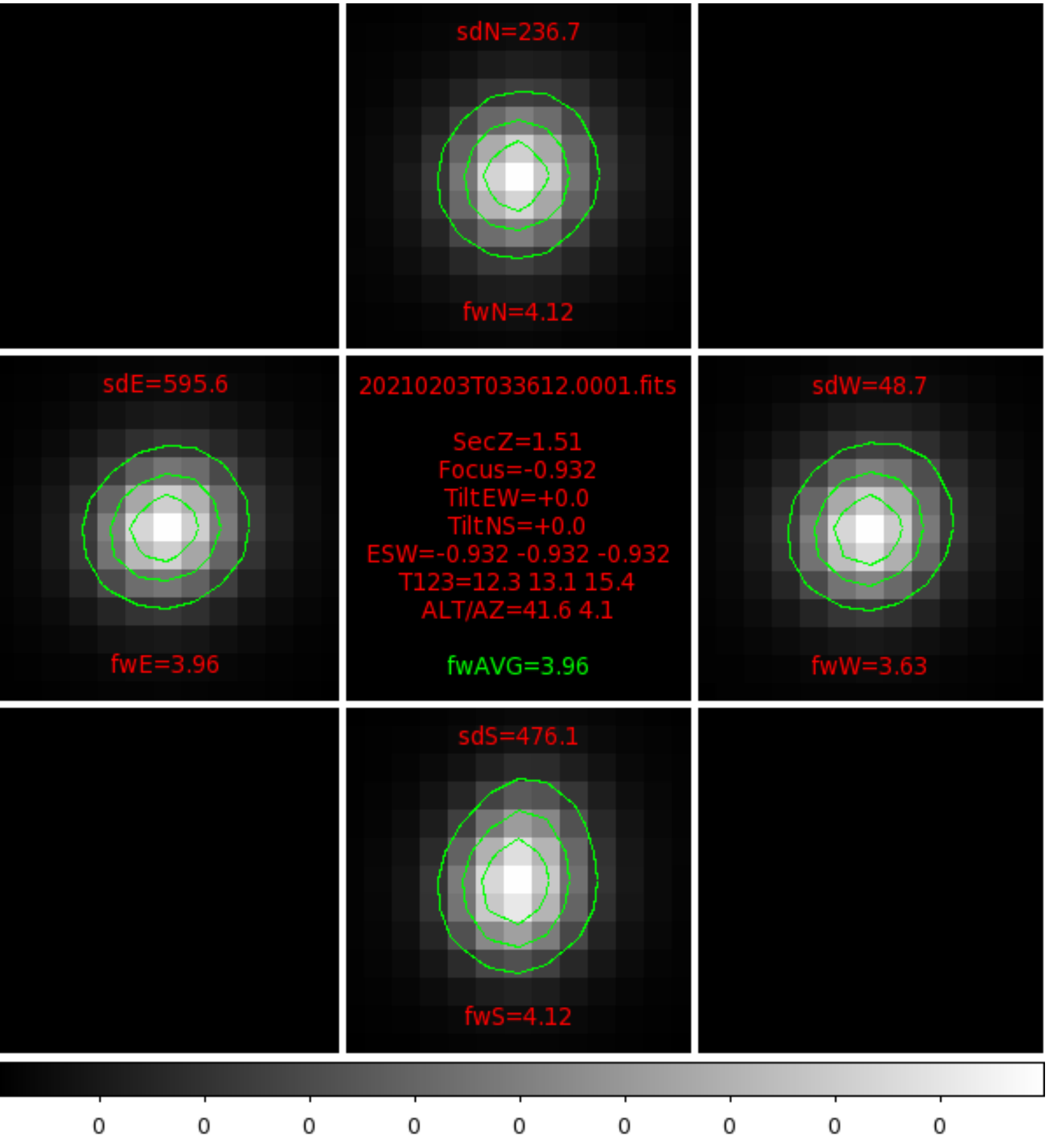
sdN=236.7
fwN=4.12
sdE=595.6
fwE=3.96
20210203T033612.0001.fits
SecZ=1.51
Focus=-0.932
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.932 -0.932 -0.932
T123=12.3 13.1 15.4
ALT/AZ=41.6 4.1
fwAVG=3.96
sdW=48.7
fwW=3.63
sdS=476.1
fwS=4.12
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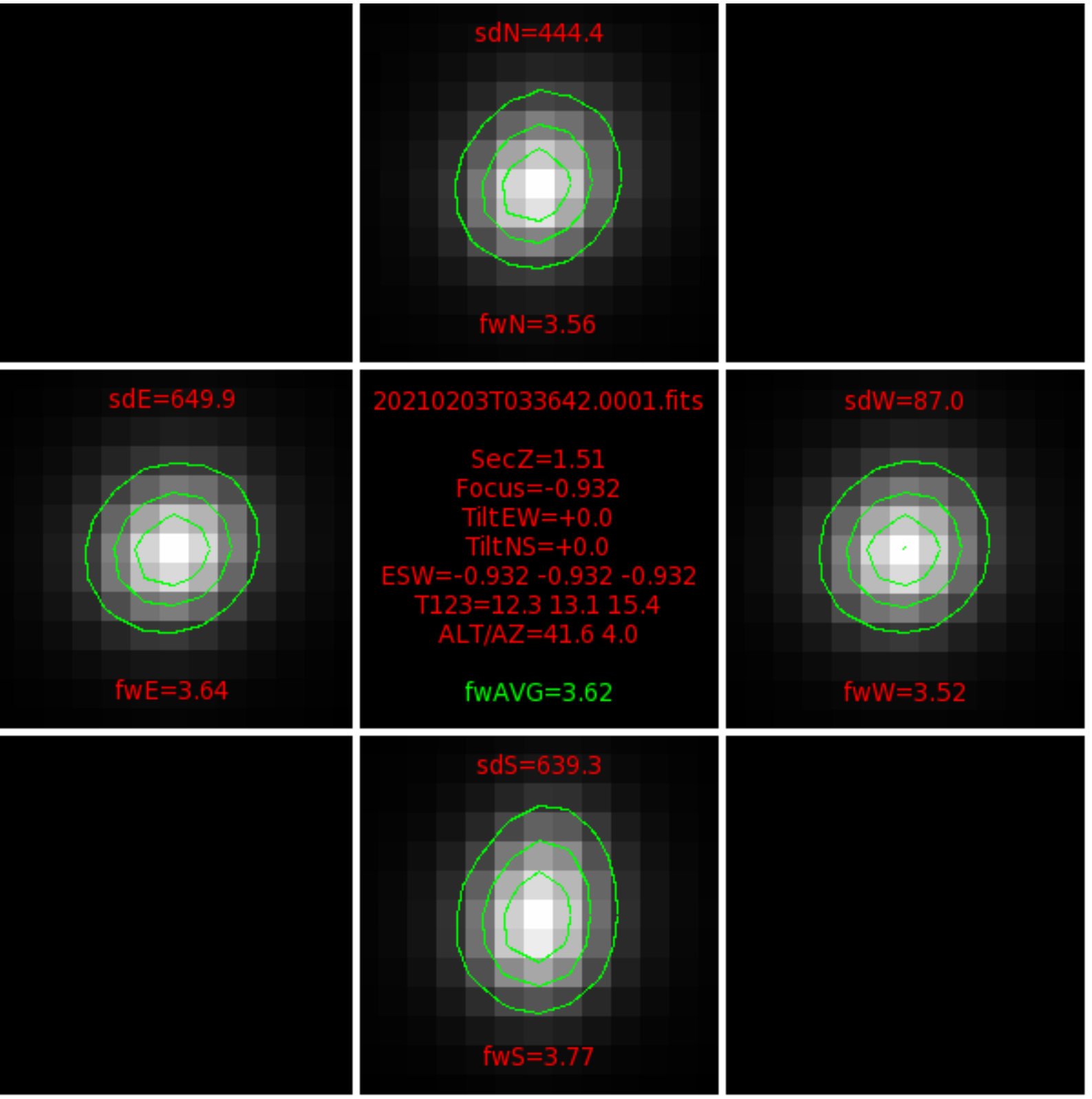
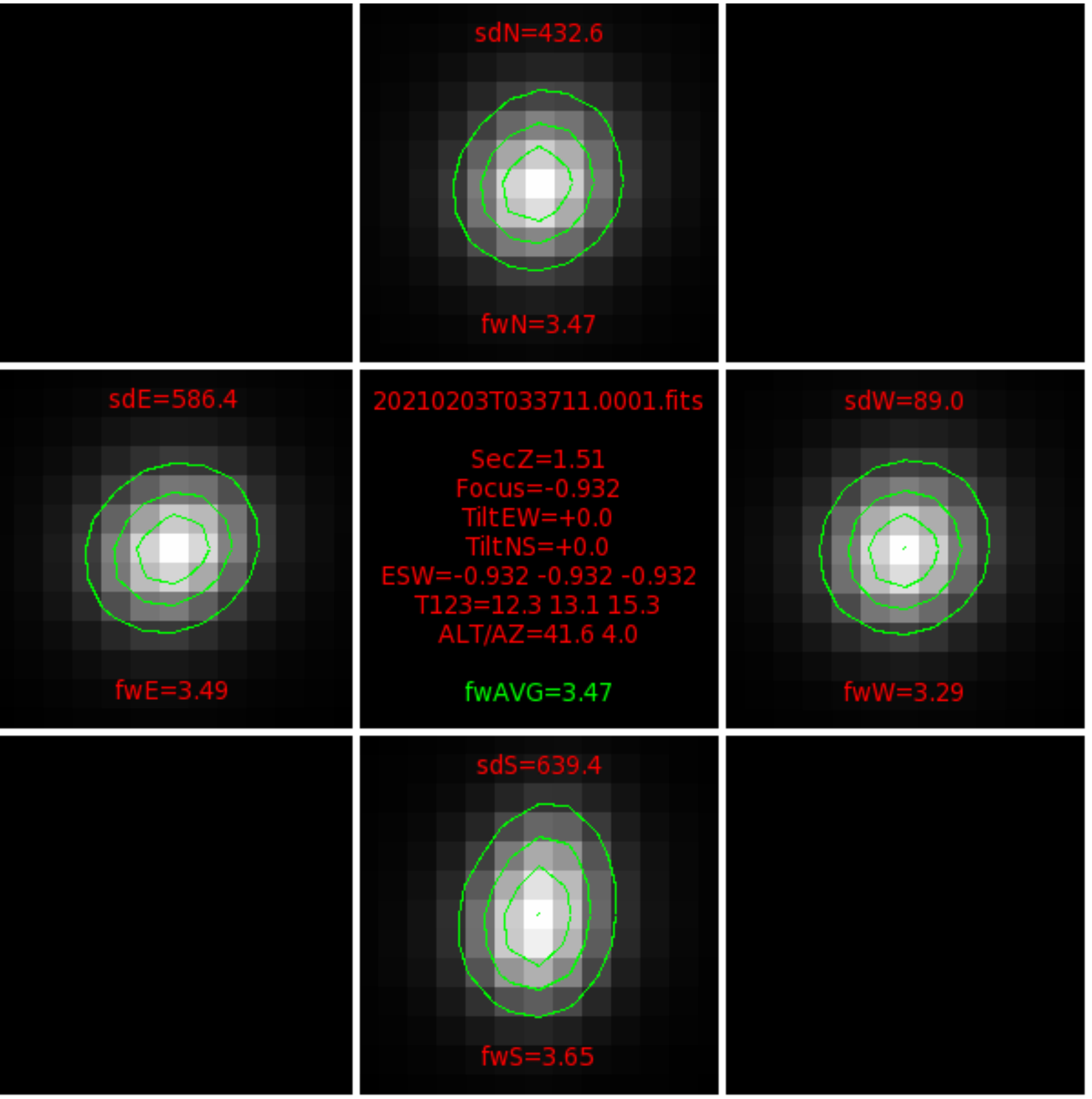

sdN=444.4
fwN=3.56
sdE=649.9
fwE=3.64
20210203T033642.0001.fits
SecZ=1.51
Focus=-0.932
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.932 -0.932 -0.932
T123=12.3 13.1 15.4
ALT/AZ=41.6 4.0
fwAVG=3.62
sdW=87.0
fwW=3.52
sdS=639.3
fwS=3.77
0 0 0 0 0 0 0 0 0


sdN=432.6
fwN=3.47
sdE=586.4
fwE=3.49
20210203T033711.0001.fits
SecZ=1.51
Focus=-0.932
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.932 -0.932 -0.932
T123=12.3 13.1 15.3
ALT/AZ=41.6 4.0
fwAVG=3.47
sdW=89.0
fwW=3.29
sdS=639.4
fwS=3.65
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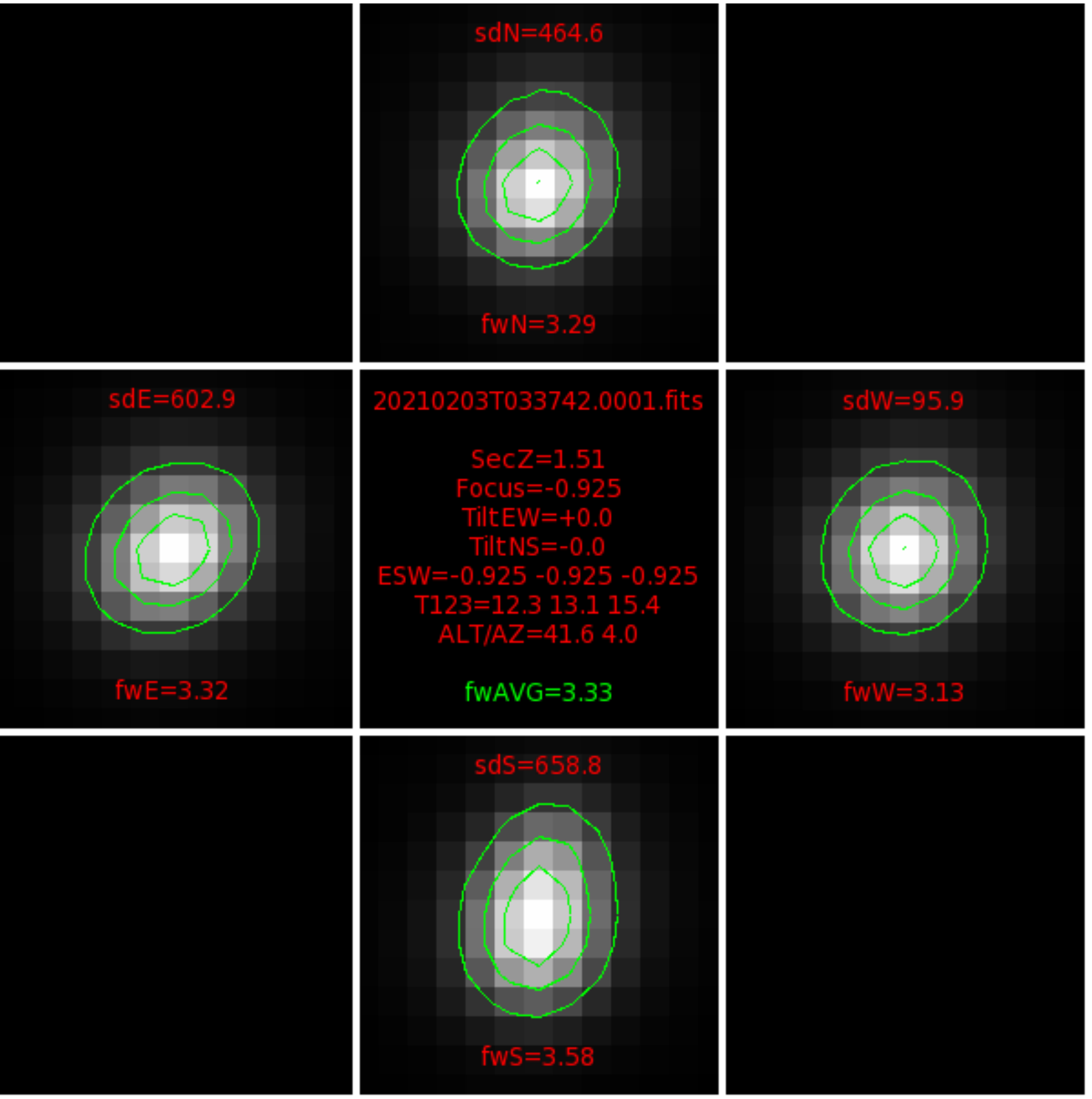
sdN=464.6
fwN=3.29
sdE=602.9
fwE=3.32
20210203T033742.0001.fits
SecZ=1.51
Focus=-0.925
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.925 -0.925 -0.925
T123=12.3 13.1 15.4
ALT/AZ=41.6 4.0
fwAVG=3.33
sdW=95.9
fwW=3.13
sdS=658.8
fwS=3.58
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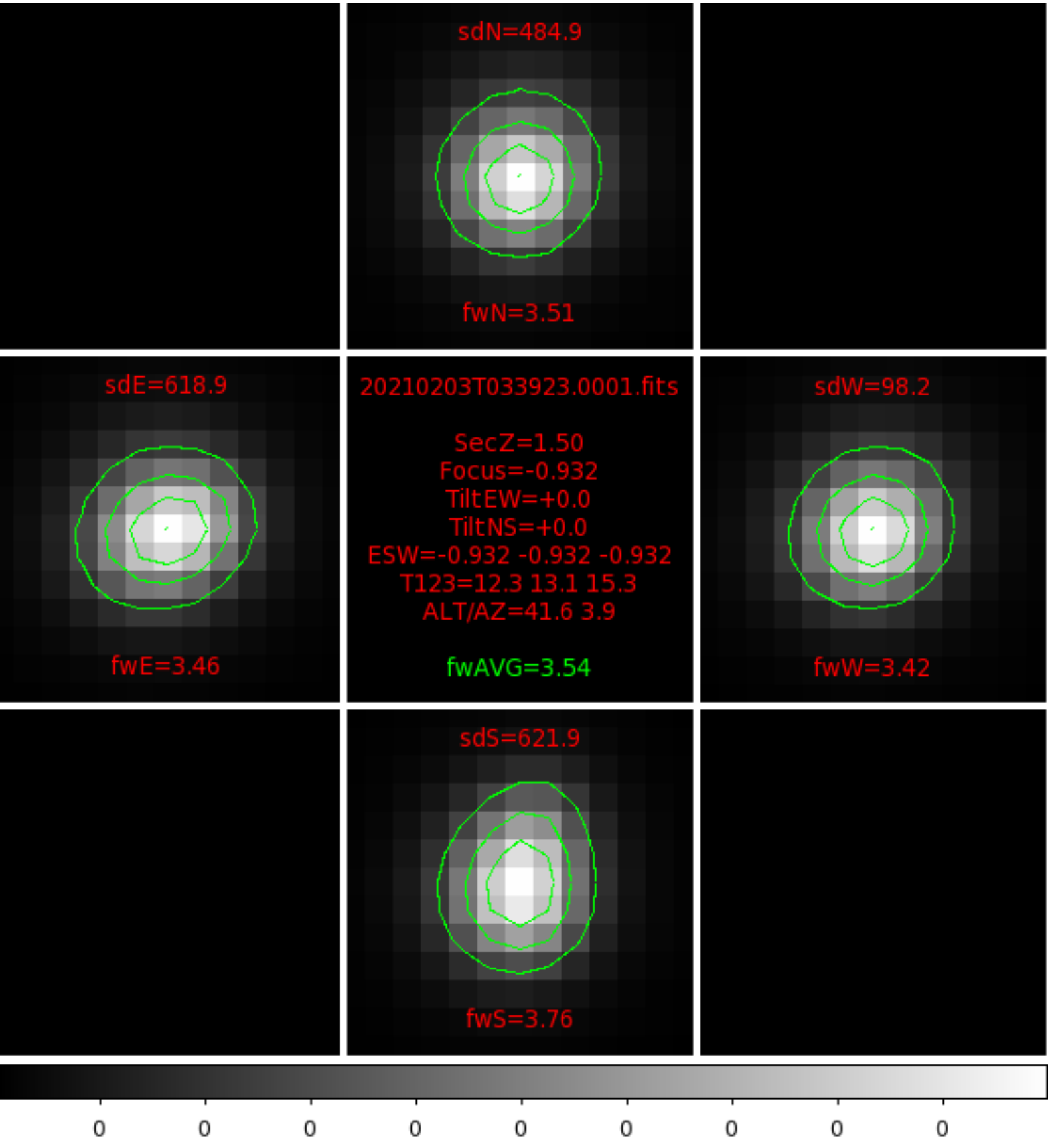
sdN=484.9
fwN=3.51
sdE=618.9
fwE=3.46
20210203T033923.0001.fits
SecZ=1.50
Focus=-0.932
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.932 -0.932 -0.932
T123=12.3 13.1 15.3
ALT/AZ=41.6 3.9
fwAVG=3.54
sdW=98.2
fwW=3.42
sdS=621.9
fwS=3.76
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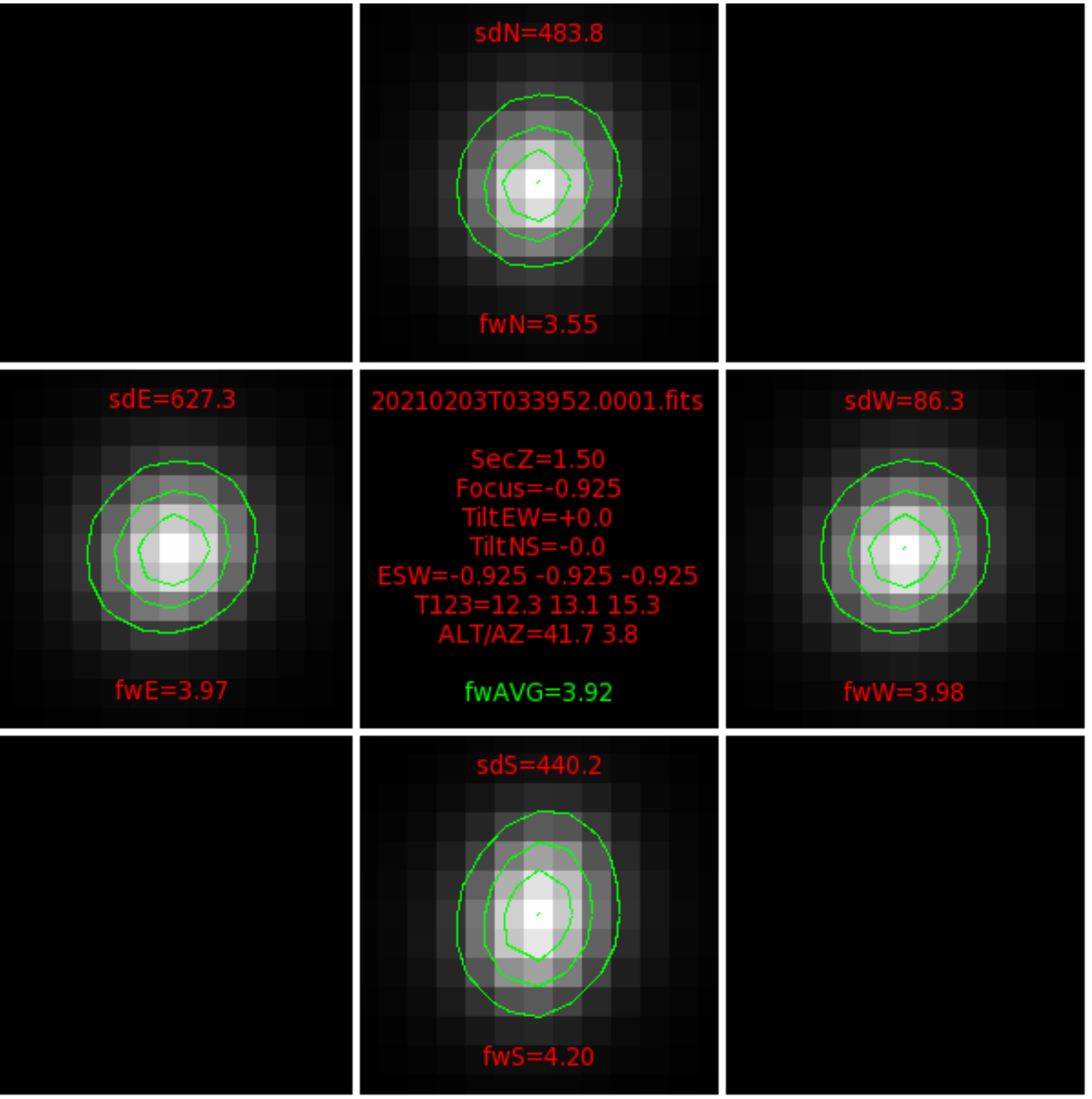
sdN=483.8
fwN=3.55
sdE=627.3
fwE=3.97
20210203T033952.0001.fits
SecZ=1.50
Focus=-0.925
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.925 -0.925 -0.925
T123=12.3 13.1 15.3
ALT/AZ=41.7 3.8
fwAVG=3.92
sdW=86.3
fwW=3.98
sdS=440.2
fwS=4.20
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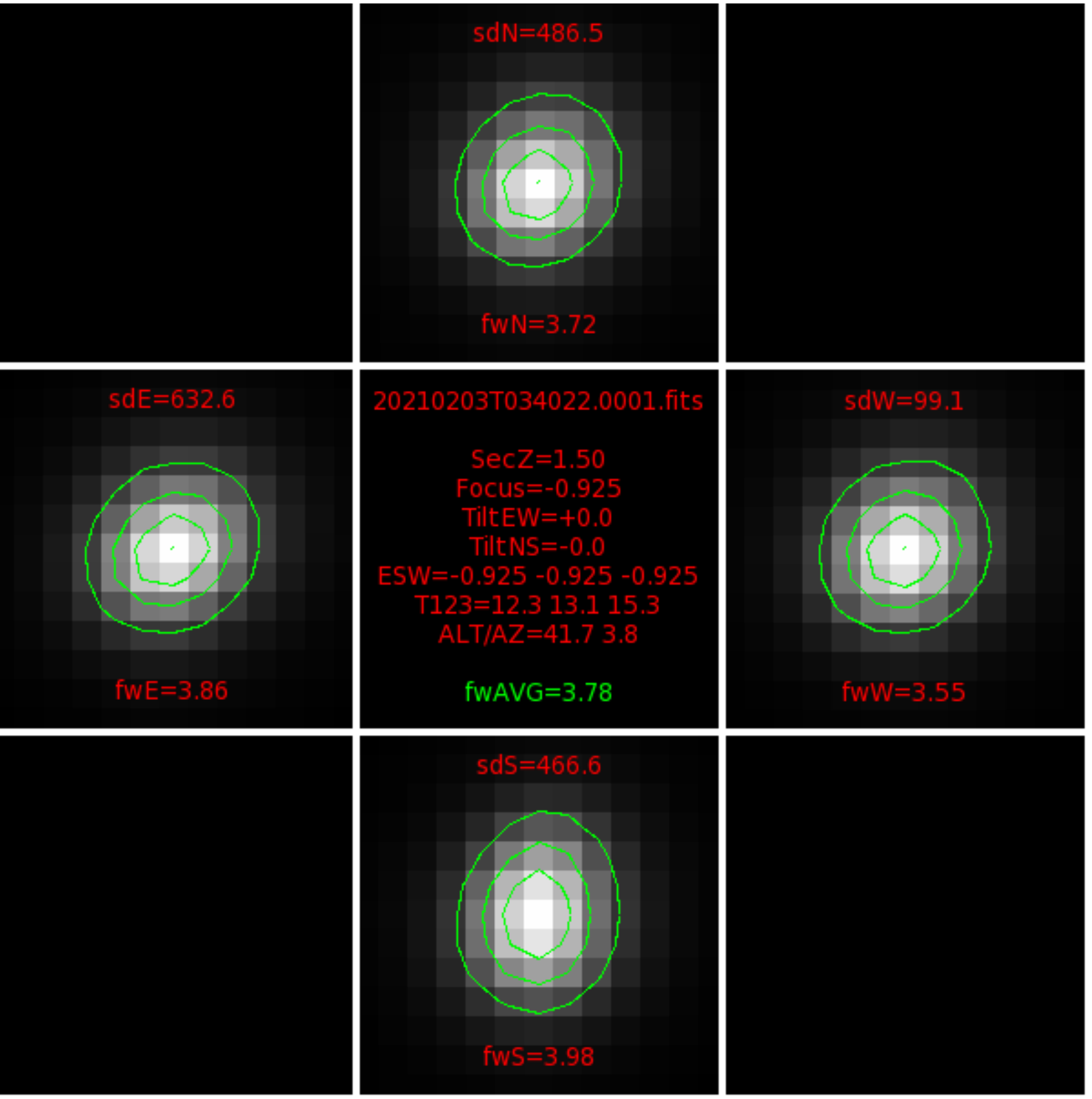
sdN=486.5
fwN=3.72
sdE=632.6
fwE=3.86
20210203T034022.0001.fits
SecZ=1.50
Focus=-0.925
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.925 -0.925 -0.925
T123=12.3 13.1 15.3
ALT/AZ=41.7 3.8
fwAVG=3.78
sdW=99.1
fwW=3.55
sdS=466.6
fwS=3.98
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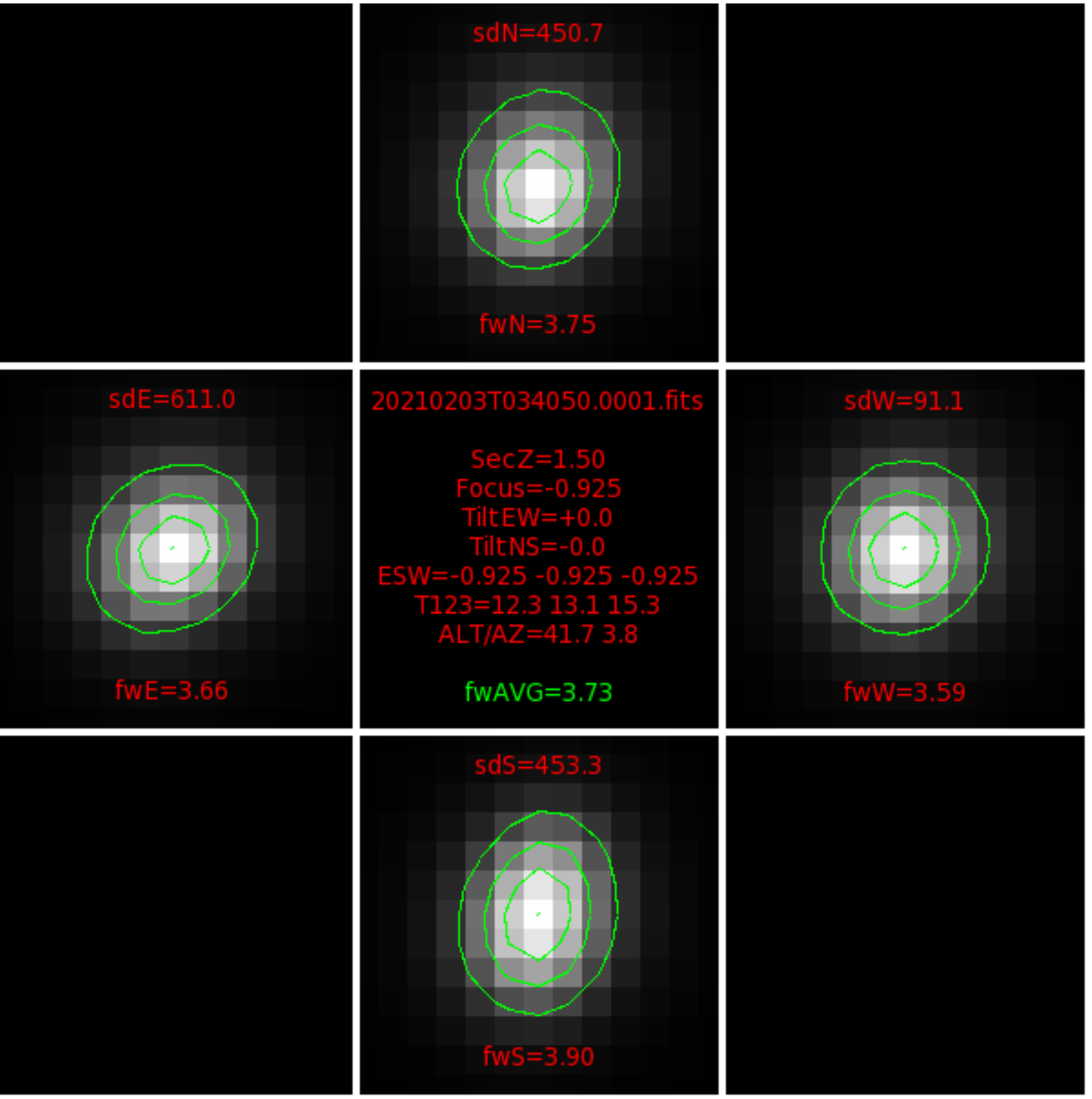
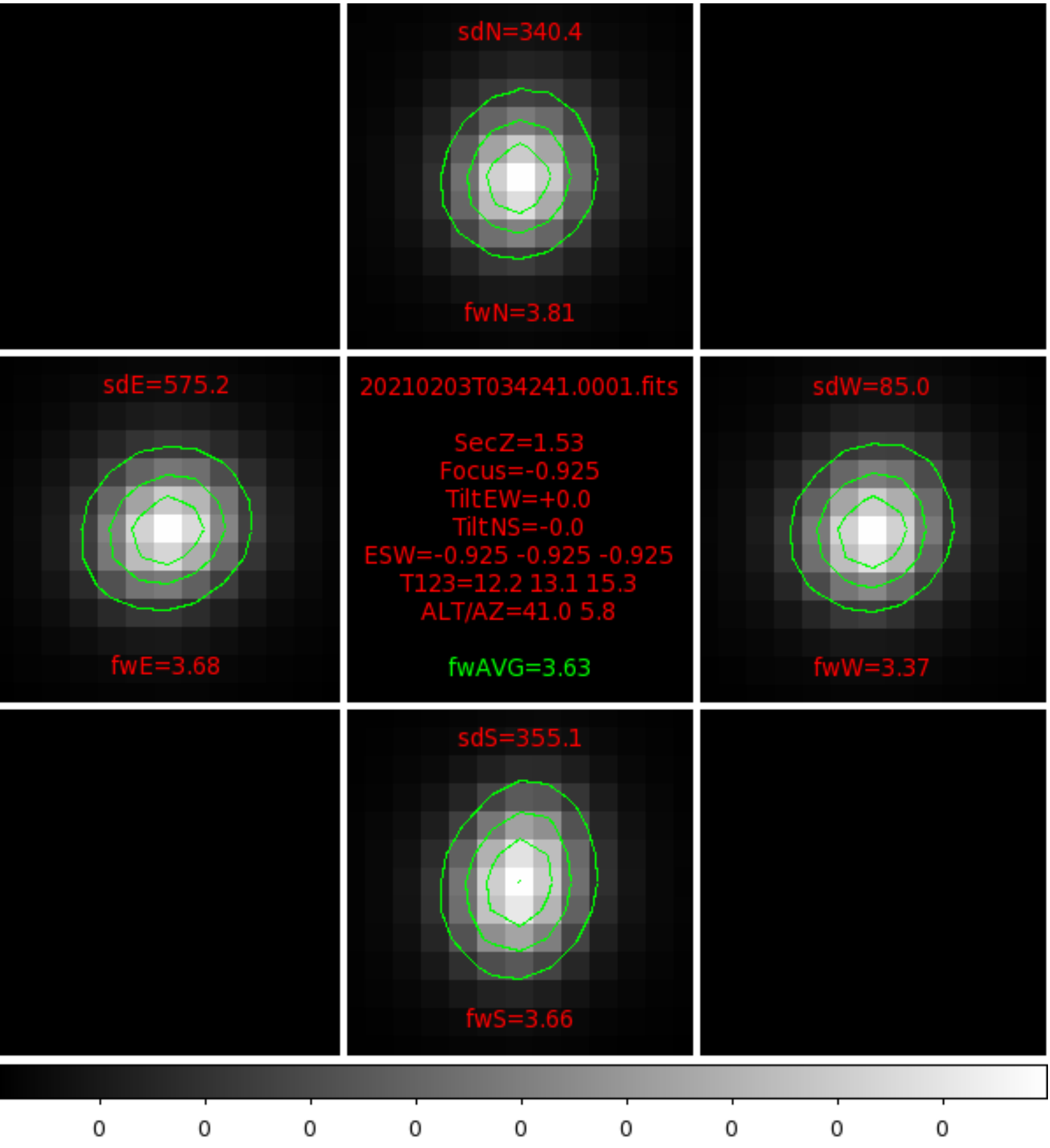
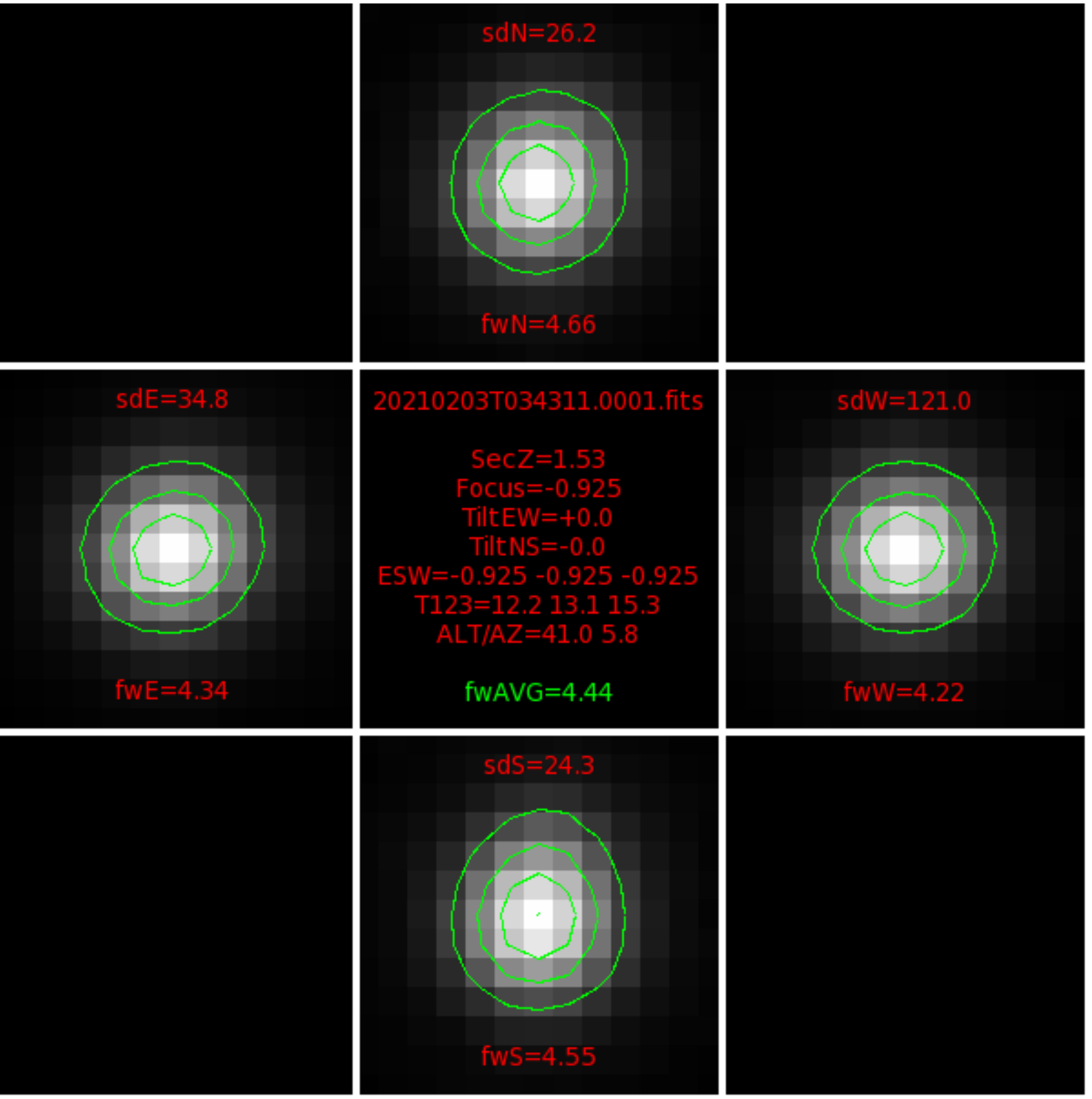
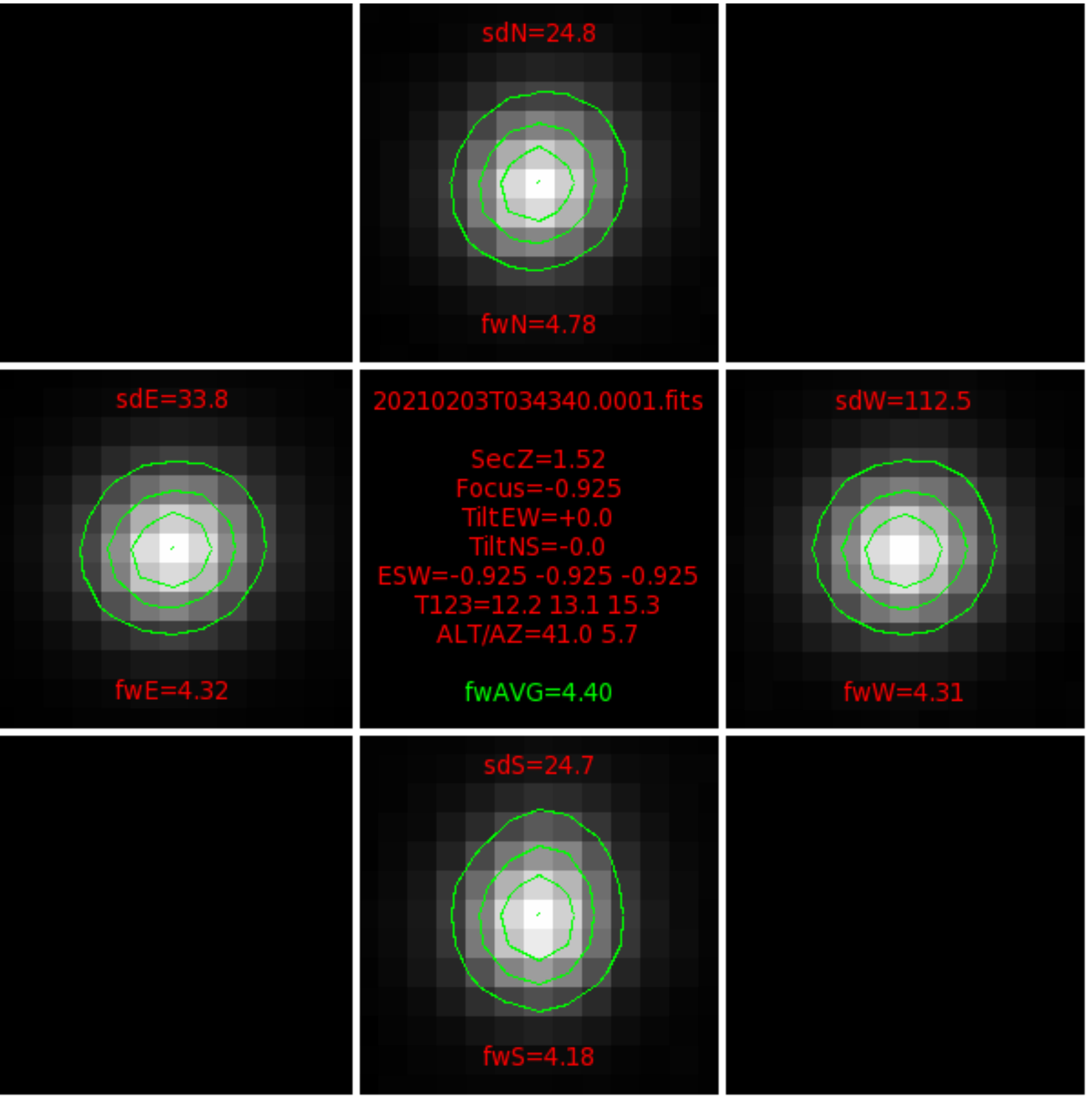
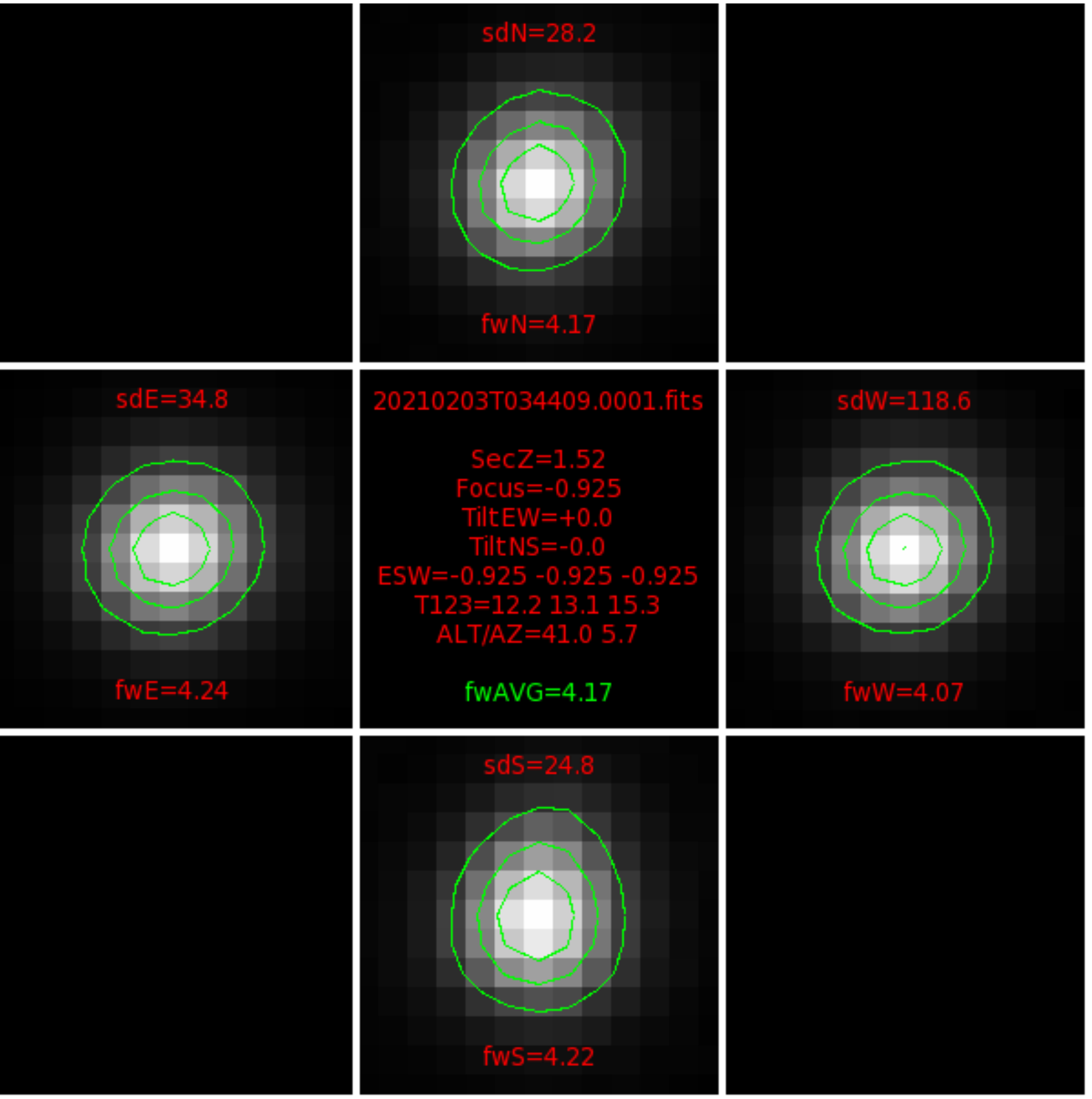
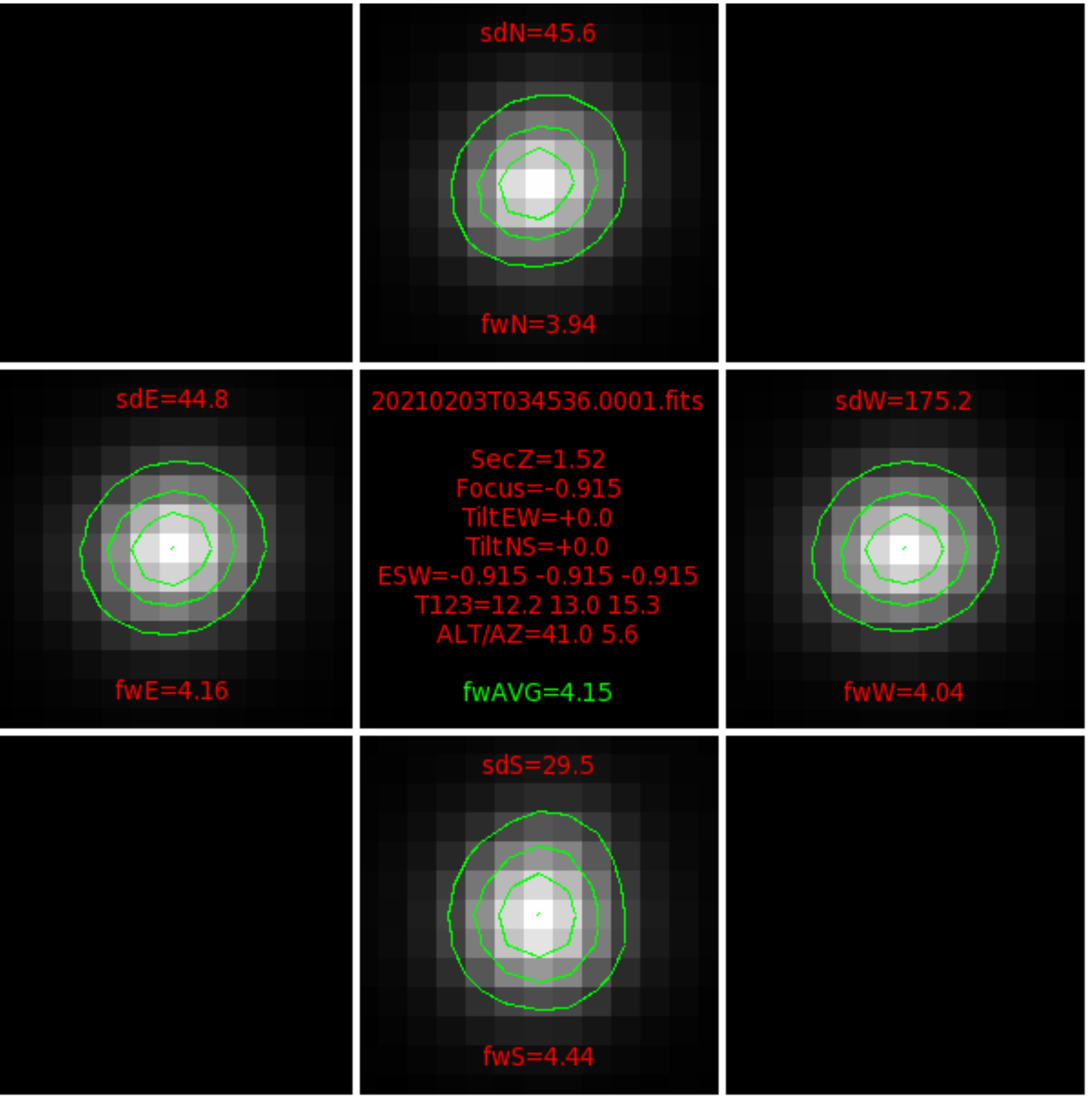

sdN=450.7
fwN=3.75
sdE=611.0
fwE=3.66
20210203T034050.0001.fits
SecZ=1.50
Focus=-0.925
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.925 -0.925 -0.925
T123=12.3 13.1 15.3
ALT/AZ=41.7 3.8
fwAVG=3.73
sdW=91.1
fwW=3.59
sdS=453.3
fwS=3.90
0 0 0 0 0 0 0 0 0

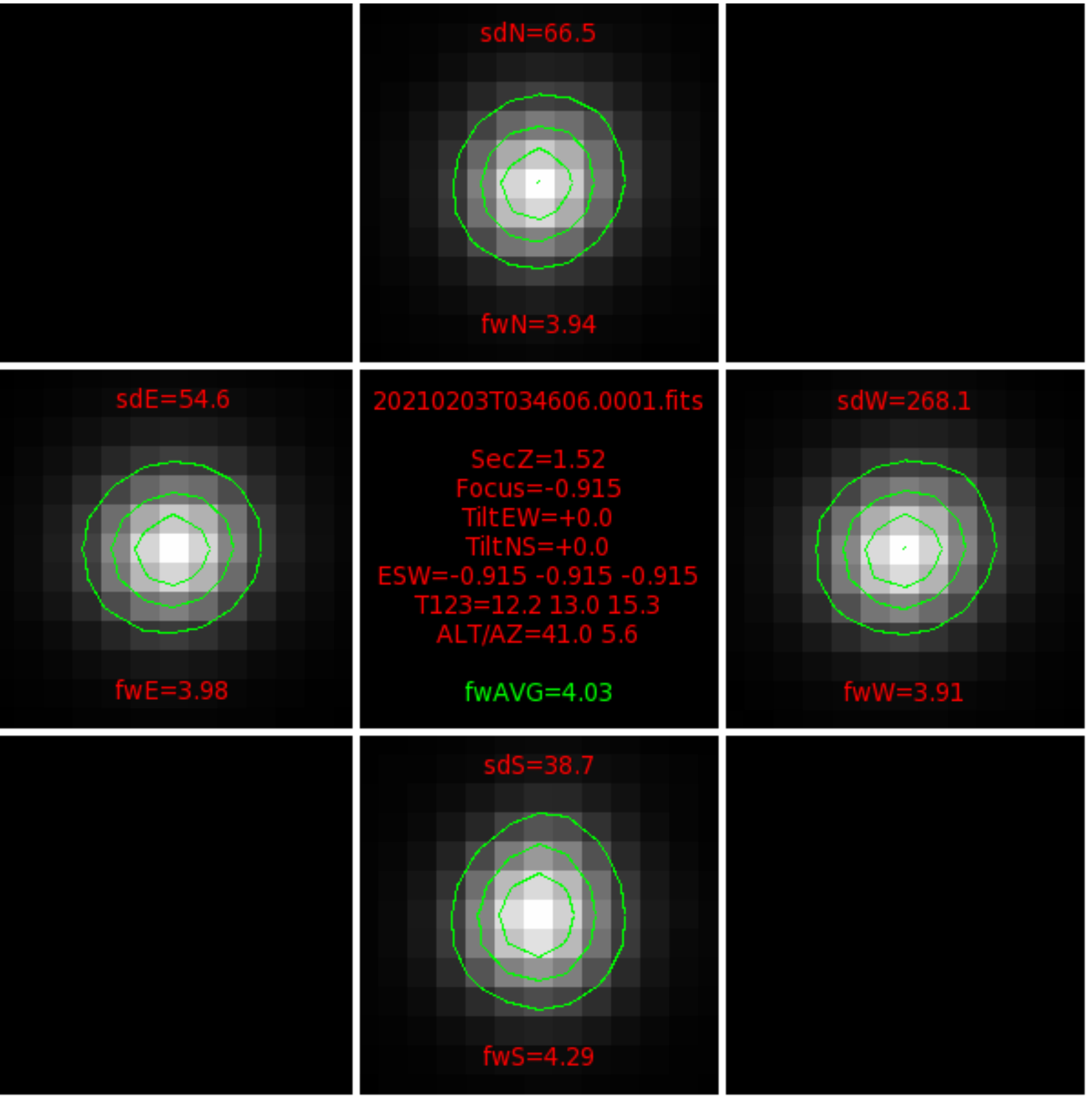

sdN=340.4
fwN=3.81
sdE=575.2
fwE=3.68
20210203T034241.0001.fits
SecZ=1.53
Focus=-0.925
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.925 -0.925 -0.925
T123=12.2 13.1 15.3
ALT/AZ=41.0 5.8
fwAVG=3.63
sdW=85.0
fwW=3.37
sdS=355.1
fwS=3.66
0 0 0 0 0 0 0 0 0

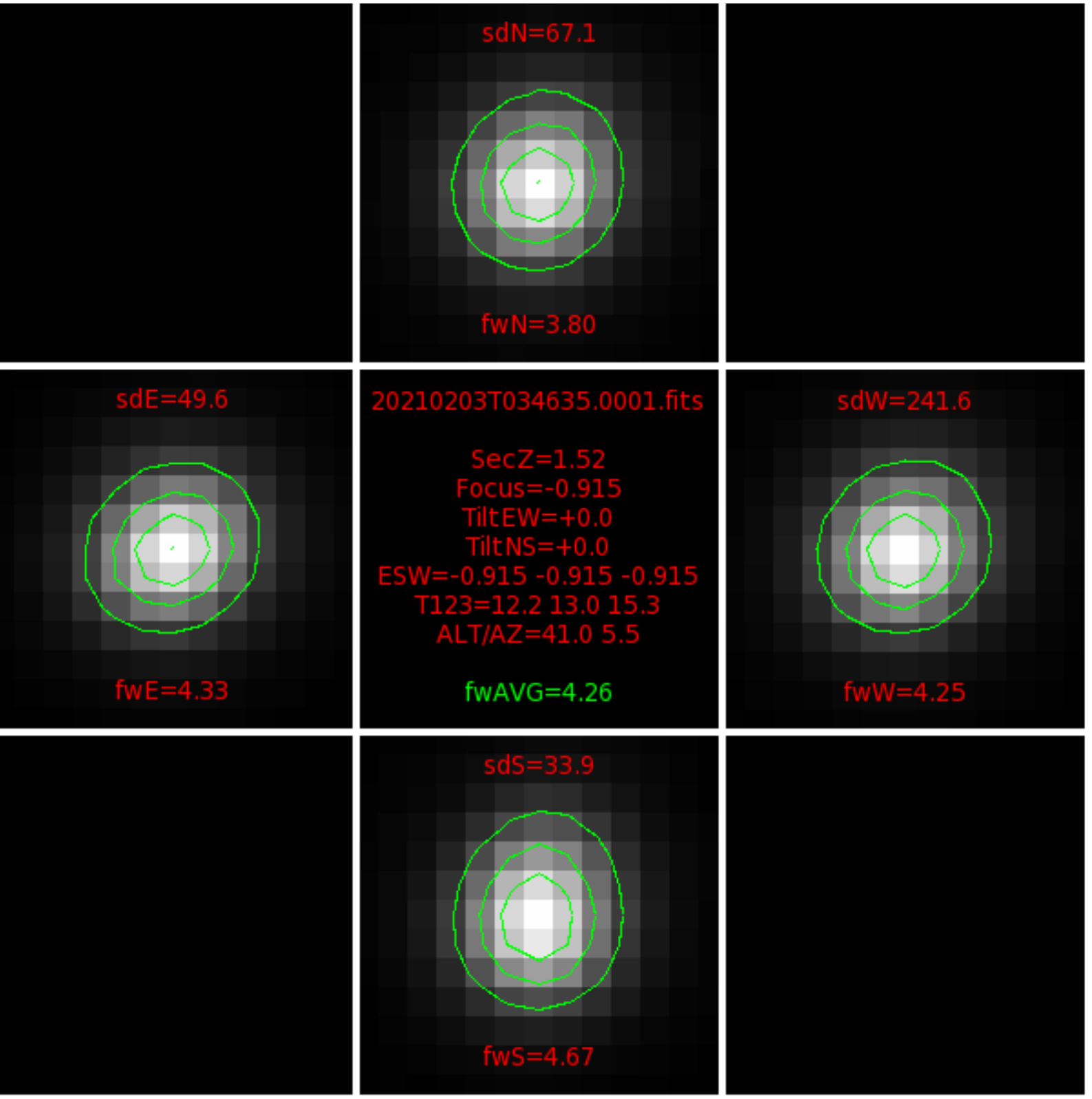

sdN=26.2
fwN=4.66
sdE=34.8
fwE=4.34
20210203T034311.0001.fits
SecZ=1.53
Focus=-0.925
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.925 -0.925 -0.925
T123=12.2 13.1 15.3
ALT/AZ=41.0 5.8
fwAVG=4.44
sdW=121.0
fwW=4.22
sdS=24.3
fwS=4.55
0 0 0 0 0 0 0 0 0

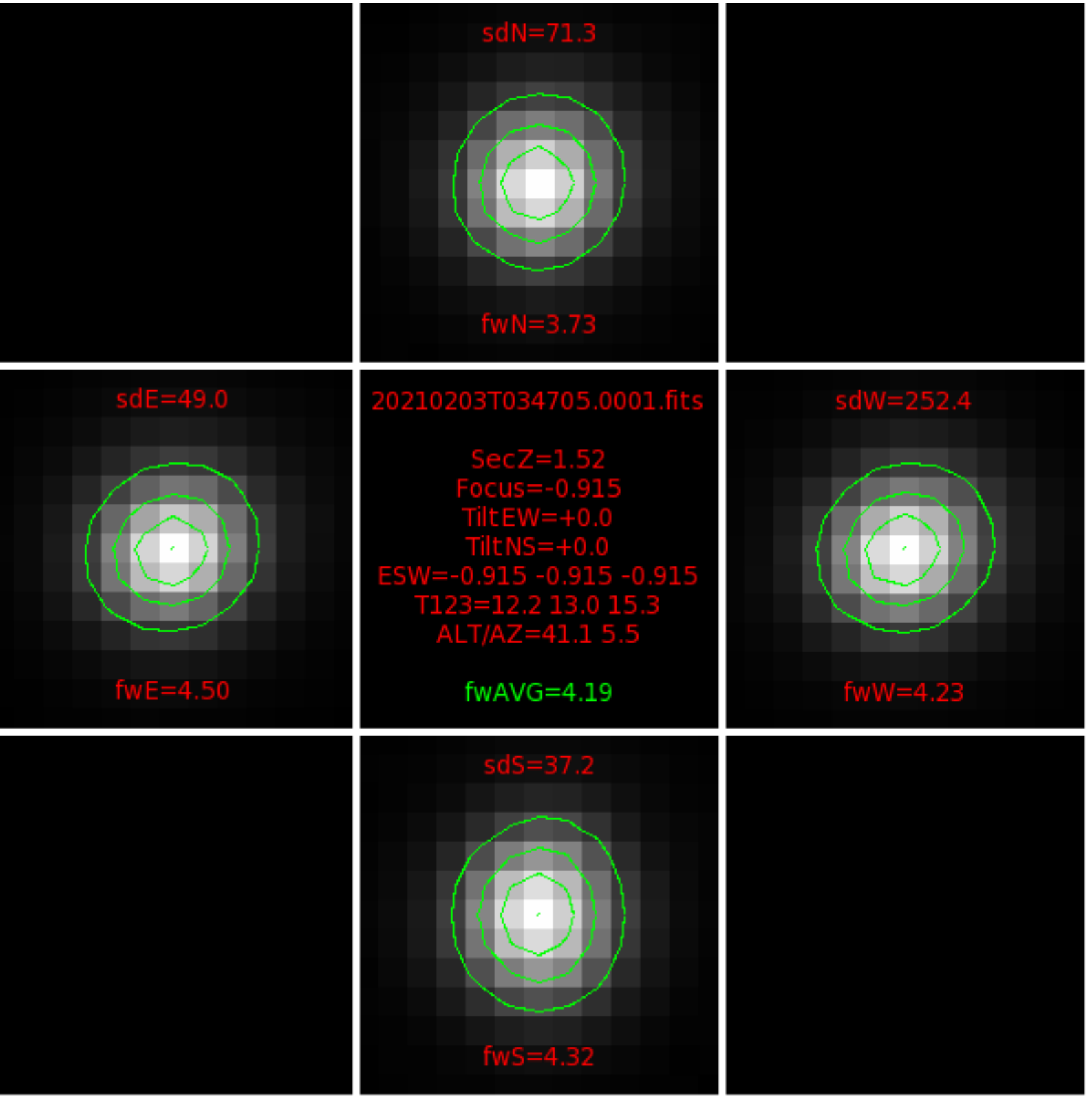

sdN=24.8
fwN=4.78
sdE=33.8
fwE=4.32
20210203T034340.0001.fits
SecZ=1.52
Focus=-0.925
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.925 -0.925 -0.925
T123=12.2 13.1 15.3
ALT/AZ=41.0 5.7
fwAVG=4.40
sdW=112.5
fwW=4.31
sdS=24.7
fwS=4.18
0 0 0 0 0 0 0 0 0

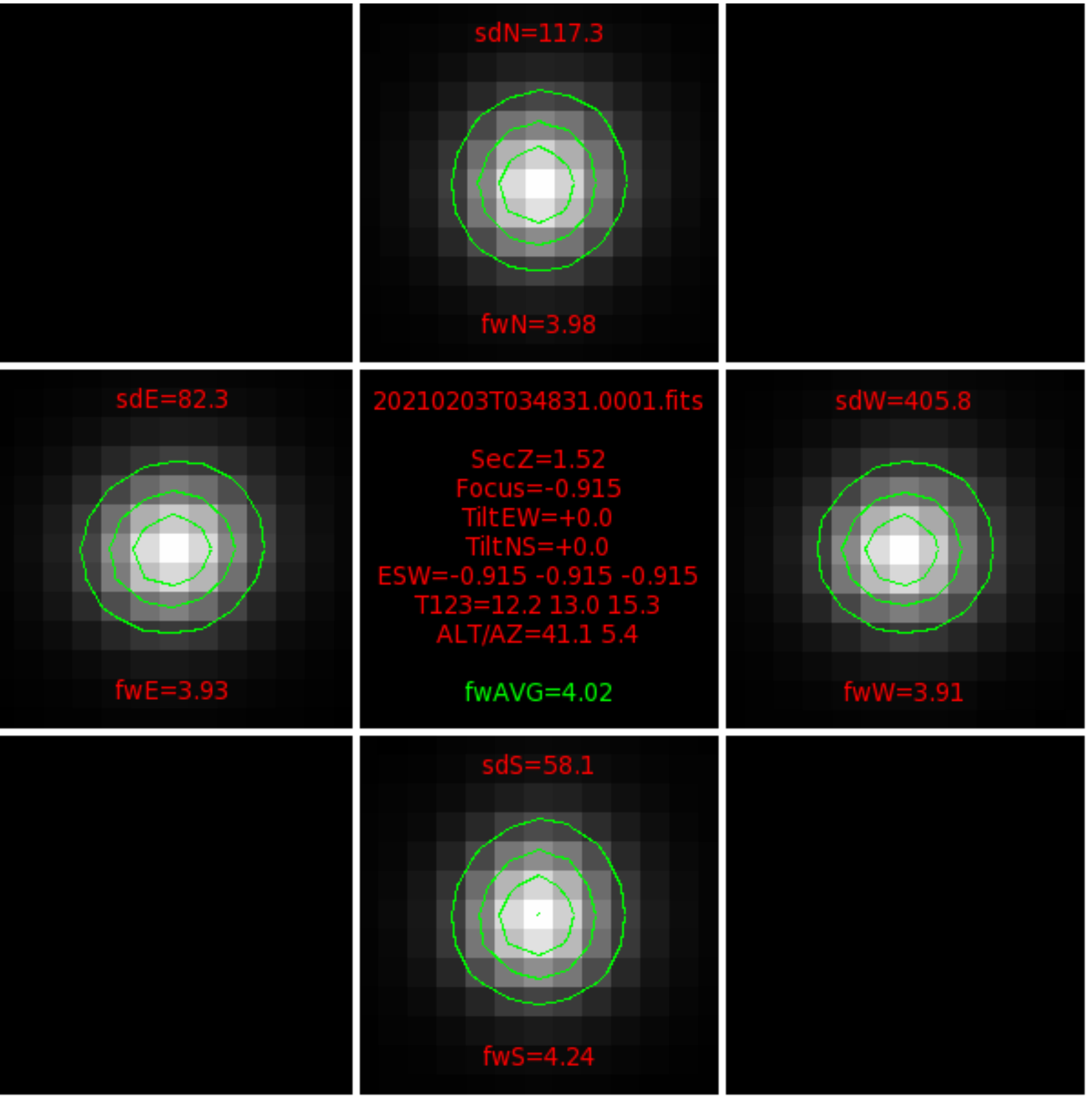

sdN=28.2
fwN=4.17
sdE=34.8
fwE=4.24
20210203T034409.0001.fits
SecZ=1.52
Focus=-0.925
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.925 -0.925 -0.925
T123=12.2 13.1 15.3
ALT/AZ=41.0 5.7
fwAVG=4.17
sdW=118.6
fwW=4.07
sdS=24.8
fwS=4.22
0 0 0 0 0 0 0 0 0

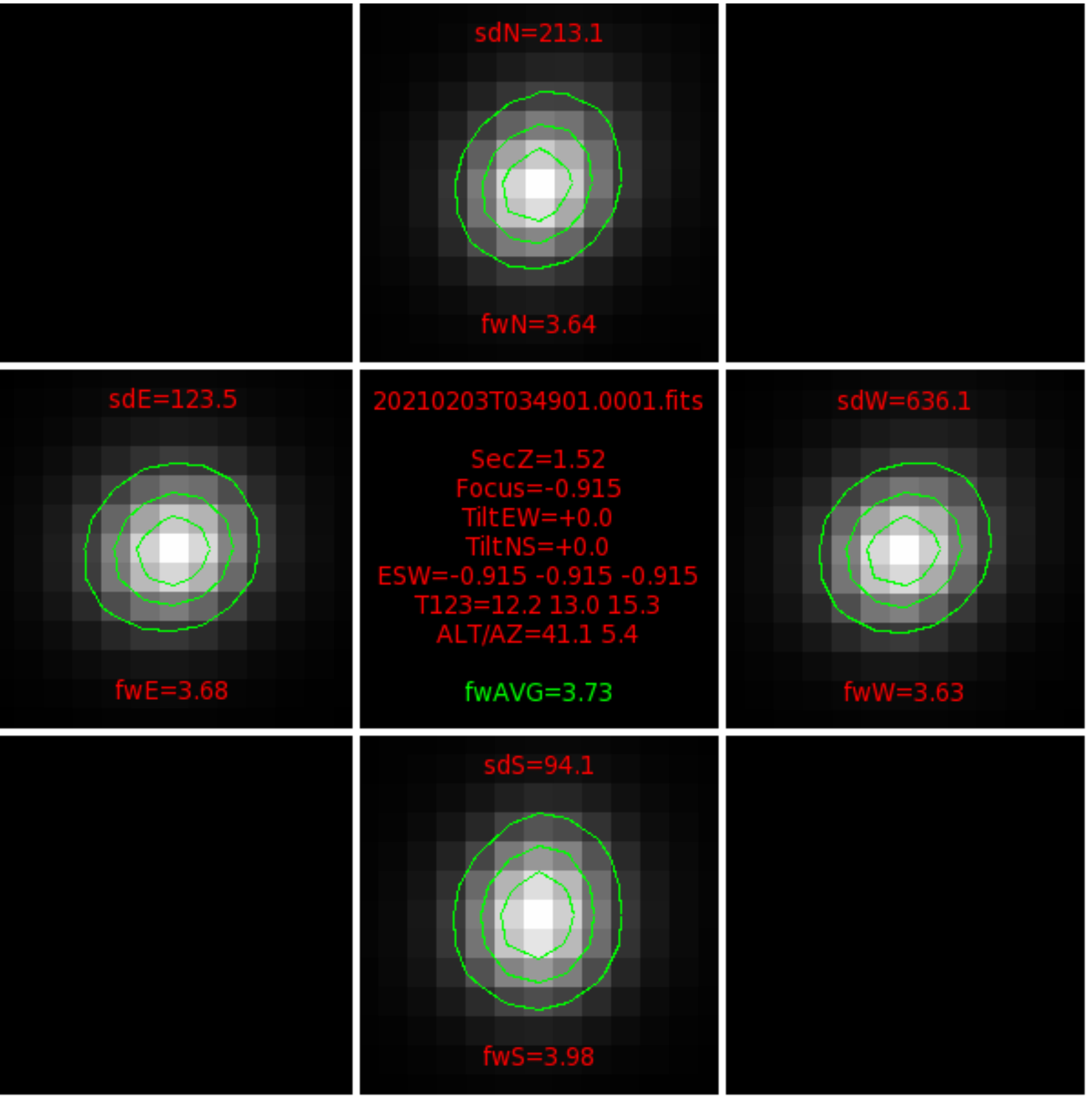

sdN=45.6
fwN=3.94
sdE=44.8
fwE=4.16
20210203T034536.0001.fits
SecZ=1.52
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=12.2 13.0 15.3
ALT/AZ=41.0 5.6
fwAVG=4.15
sdW=175.2
fwW=4.04
sdS=29.5
fwS=4.44
0 0 0 0 0 0 0 0 0

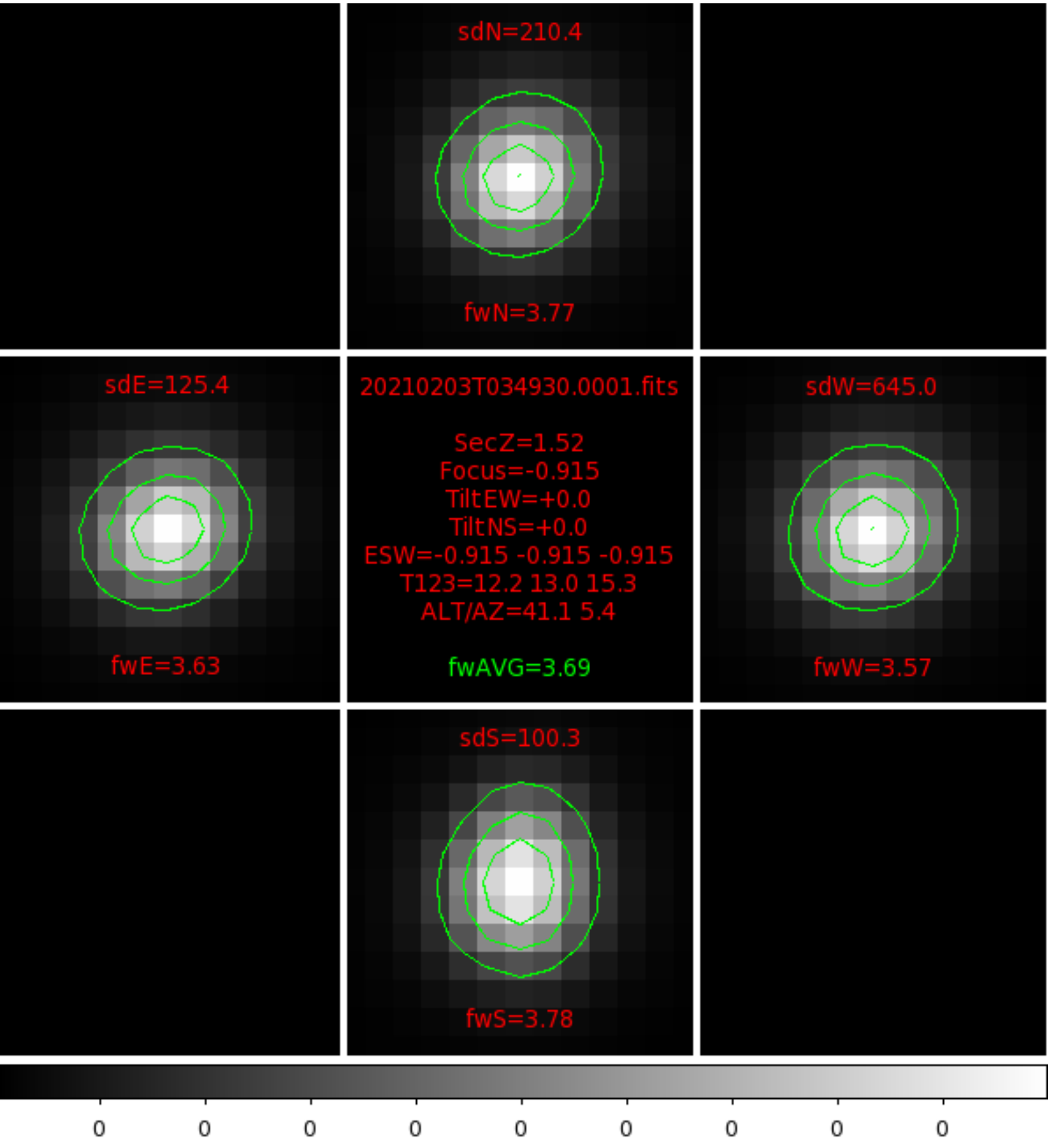

sdN=66.5
fwN=3.94
sdE=54.6
fwE=3.98
20210203T034606.0001.fits
SecZ=1.52
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=12.2 13.0 15.3
ALT/AZ=41.0 5.6
fwAVG=4.03
sdW=268.1
fwW=3.91
sdS=38.7
fwS=4.29
0 0 0 0 0 0 0 0 0


sdN=67.1
fwN=3.80
sdE=49.6
fwE=4.33
20210203T034635.0001.fits
SecZ=1.52
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=12.2 13.0 15.3
ALT/AZ=41.0 5.5
fwAVG=4.26
sdW=241.6
fwW=4.25
sdS=33.9
fwS=4.67
0 0 0 0 0 0 0 0 0


sdN=71.3
fwN=3.73
sdE=49.0
fwE=4.50
20210203T034705.0001.fits
SecZ=1.52
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=12.2 13.0 15.3
ALT/AZ=41.1 5.5
fwAVG=4.19
sdW=252.4
fwW=4.23
sdS=37.2
fwS=4.32
0 0 0 0 0 0 0 0 0


sdN=117.3
fwN=3.98
sdE=82.3
fwE=3.93
20210203T034831.0001.fits
SecZ=1.52
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=12.2 13.0 15.3
ALT/AZ=41.1 5.4
fwAVG=4.02
sdW=405.8
fwW=3.91
sdS=58.1
fwS=4.24
0 0 0 0 0 0 0 0 0


sdN=213.1
fwN=3.64
sdE=123.5
fwE=3.68
20210203T034901.0001.fits
SecZ=1.52
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=12.2 13.0 15.3
ALT/AZ=41.1 5.4
fwAVG=3.73
sdW=636.1
fwW=3.63
sdS=94.1
fwS=3.98
0 0 0 0 0 0 0 0 0


sdN=210.4
fwN=3.77
sdE=125.4
fwE=3.63
20210203T034930.0001.fits
SecZ=1.52
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=12.2 13.0 15.3
ALT/AZ=41.1 5.4
fwAVG=3.69
sdW=645.0
fwW=3.57
sdS=100.3
fwS=3.78
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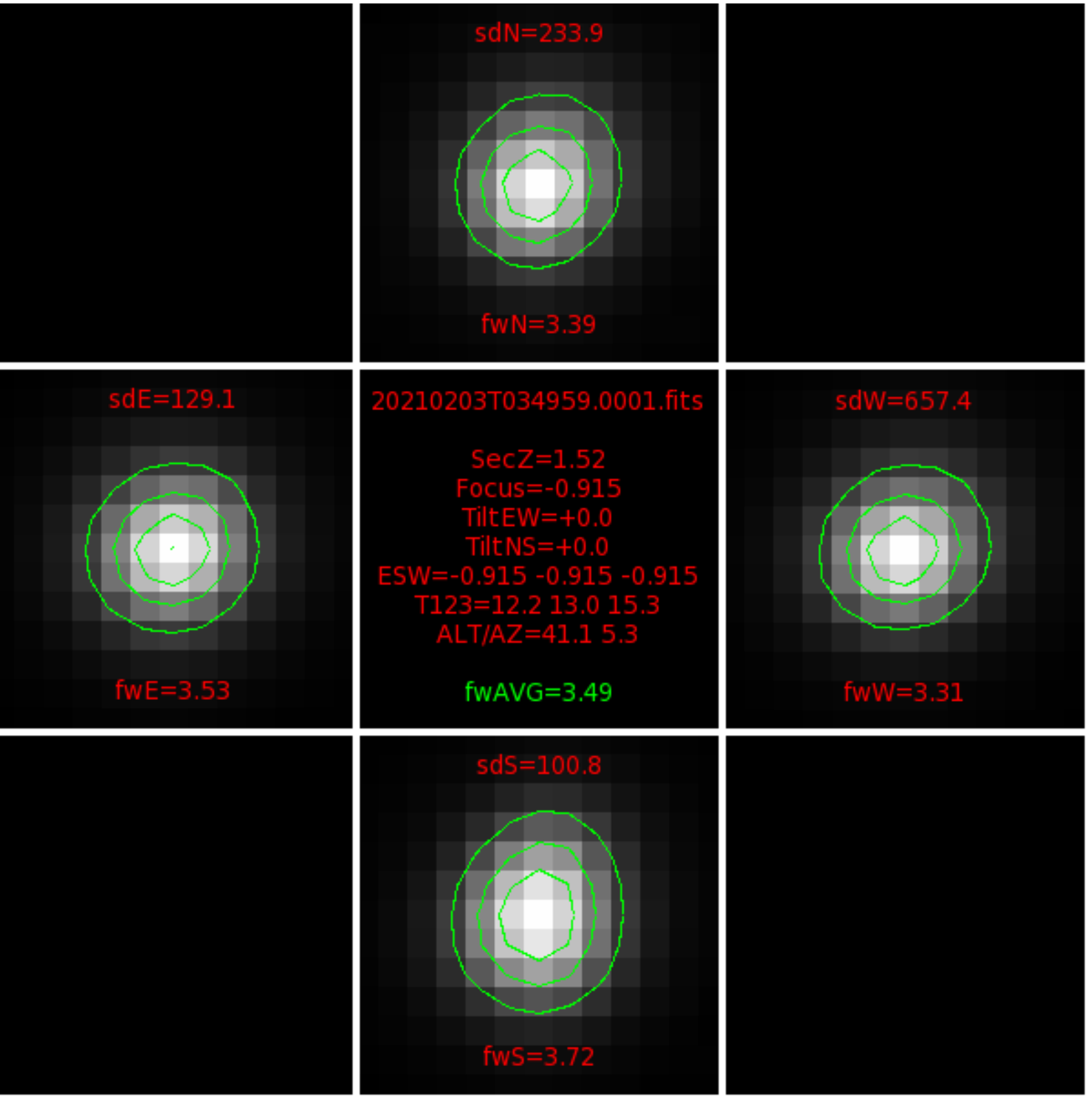
sdN=233.9
fwN=3.39
sdE=129.1
fwE=3.53
20210203T034959.0001.fits
SecZ=1.52
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=12.2 13.0 15.3
ALT/AZ=41.1 5.3
fwAVG=3.49
sdW=657.4
fwW=3.31
sdS=100.8
fwS=3.72
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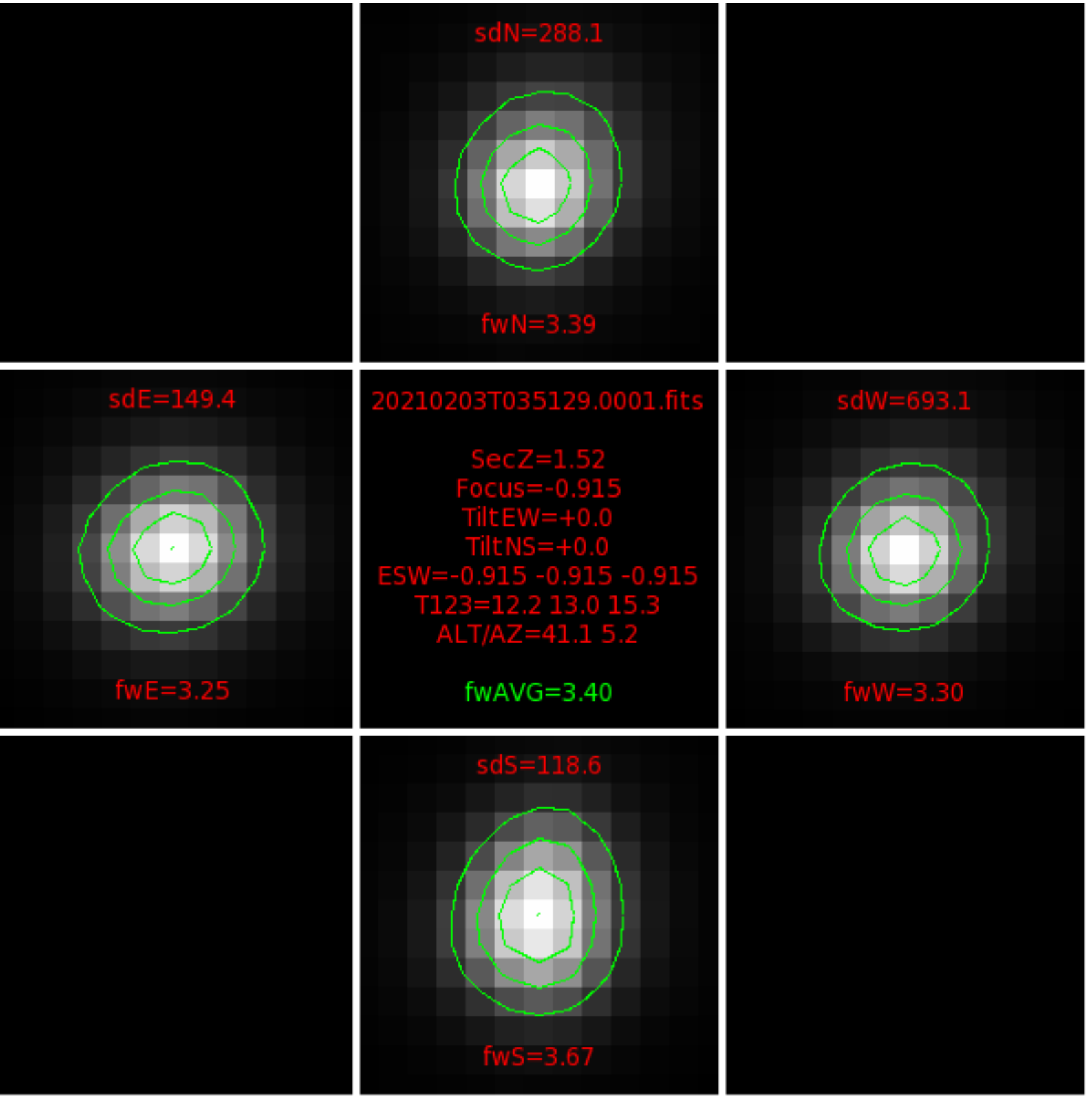
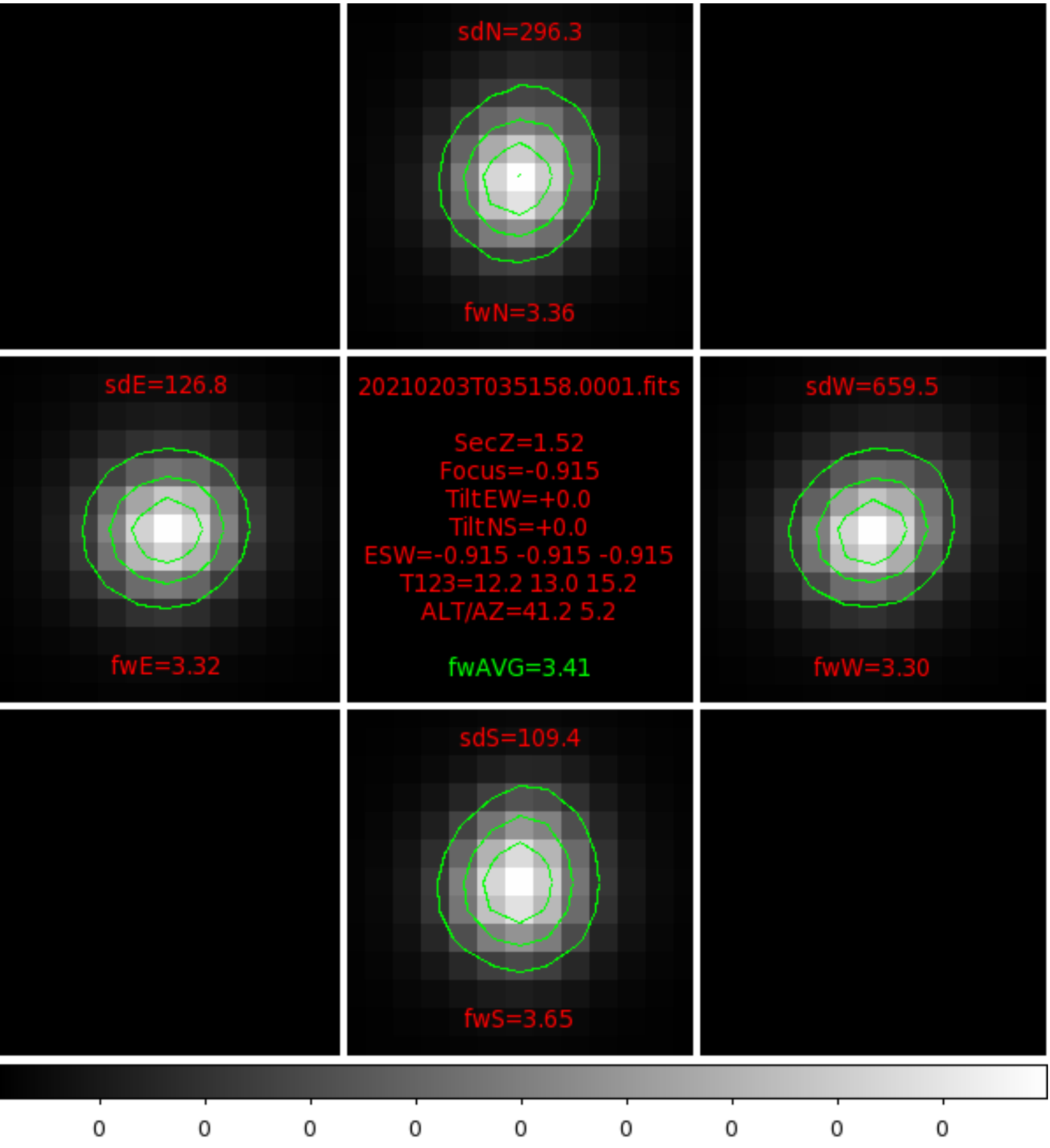
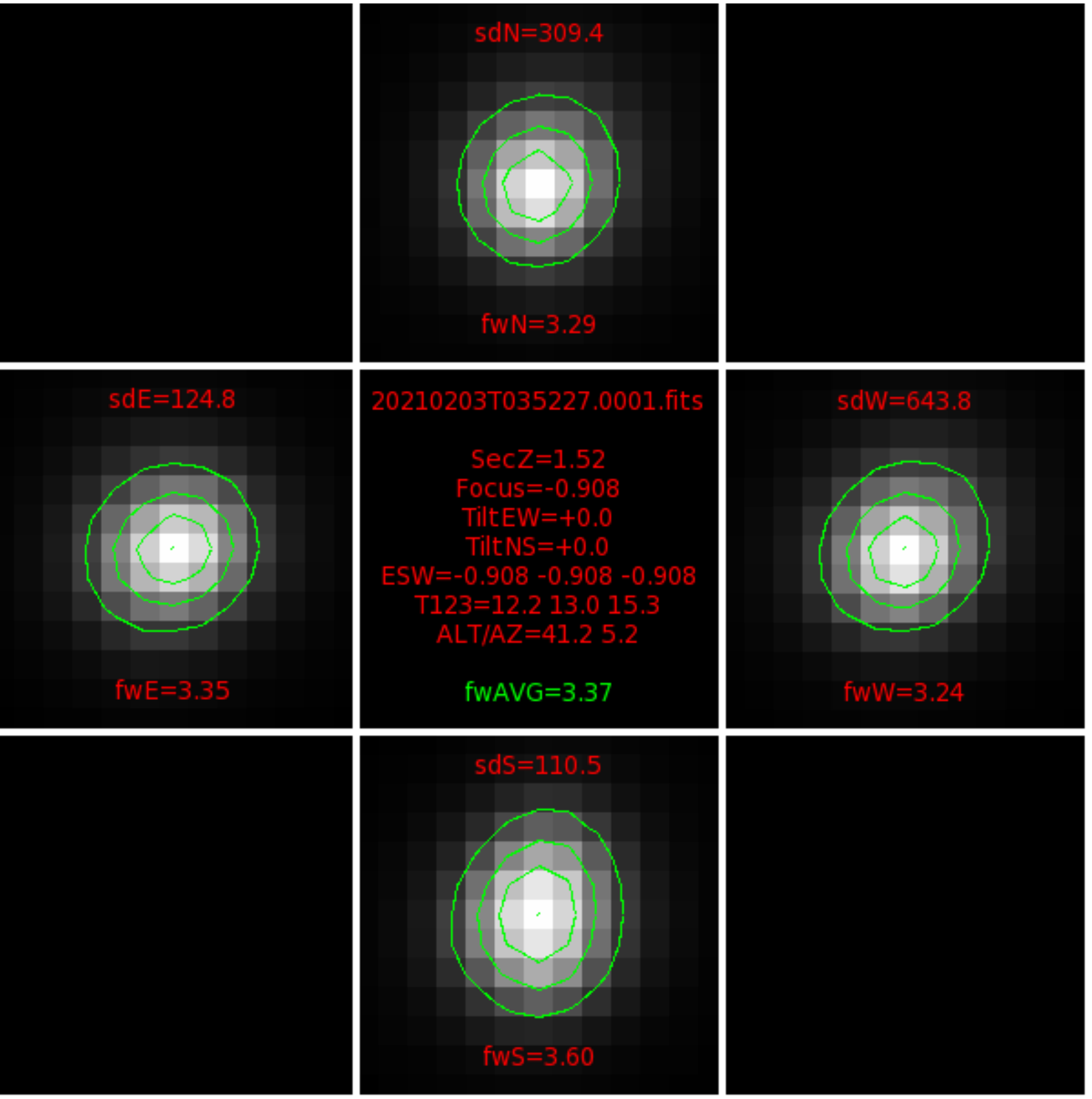

sdN=288.1
fwN=3.39
sdE=149.4
fwE=3.25
20210203T035129.0001.fits
SecZ=1.52
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=12.2 13.0 15.3
ALT/AZ=41.1 5.2
fwAVG=3.40
sdW=693.1
fwW=3.30
sdS=118.6
fwS=3.67
0 0 0 0 0 0 0 0 0


sdN=296.3
fwN=3.36
sdE=126.8
fwE=3.32
20210203T035158.0001.fits
SecZ=1.52
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=12.2 13.0 15.2
ALT/AZ=41.2 5.2
fwAVG=3.41
sdW=659.5
fwW=3.30
sdS=109.4
fwS=3.65
0 0 0 0 0 0 0 0 0


sdN=309.4
fwN=3.29
sdE=124.8
fwE=3.35
20210203T035227.0001.fits
SecZ=1.52
Focus=-0.908
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.908 -0.908 -0.908
T123=12.2 13.0 15.3
ALT/AZ=41.2 5.2
fwAVG=3.37
sdW=643.8
fwW=3.24
sdS=110.5
fwS=3.60
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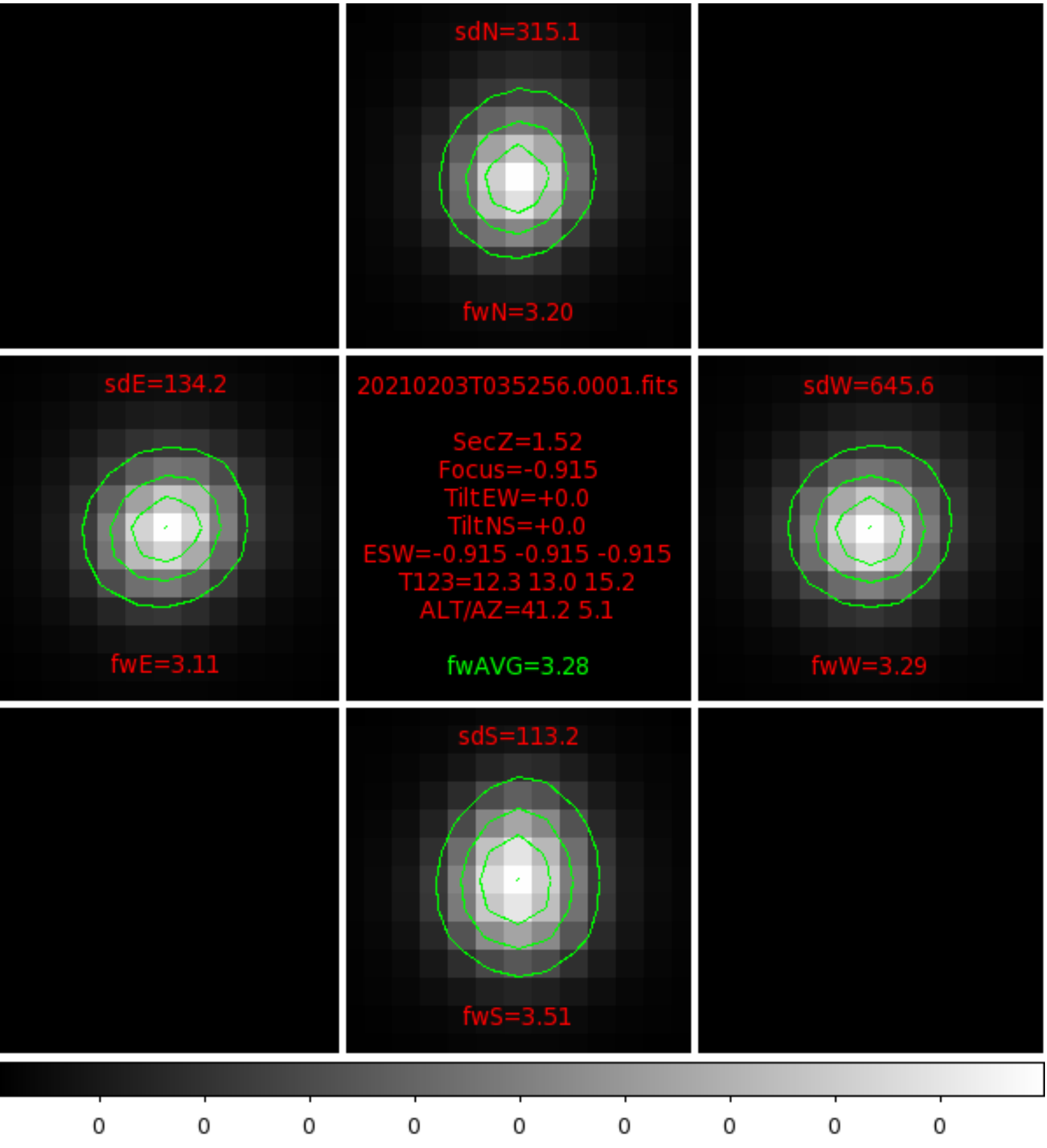
sdN=315.1
fwN=3.20
sdE=134.2
fwE=3.11
20210203T035256.0001.fits
SecZ=1.52
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=12.3 13.0 15.2
ALT/AZ=41.2 5.1
fwAVG=3.28
sdW=645.6
fwW=3.29
sdS=113.2
fwS=3.51
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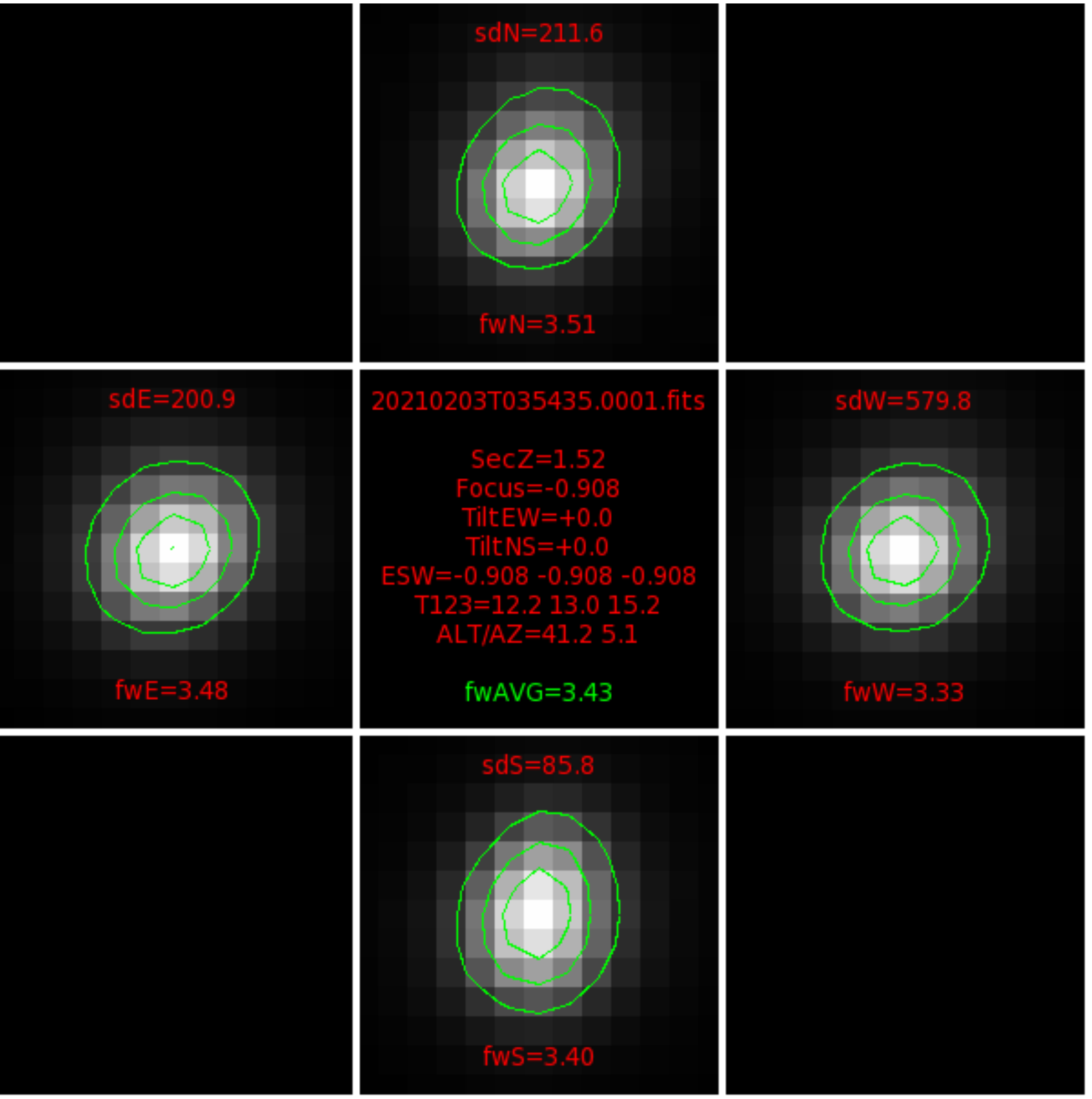
sdN=211.6
fwN=3.51
sdE=200.9
fwE=3.48
20210203T035435.0001.fits
SecZ=1.52
Focus=-0.908
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.908 -0.908 -0.908
T123=12.2 13.0 15.2
ALT/AZ=41.2 5.1
fwAVG=3.43
sdW=579.8
fwW=3.33
sdS=85.8
fwS=3.40
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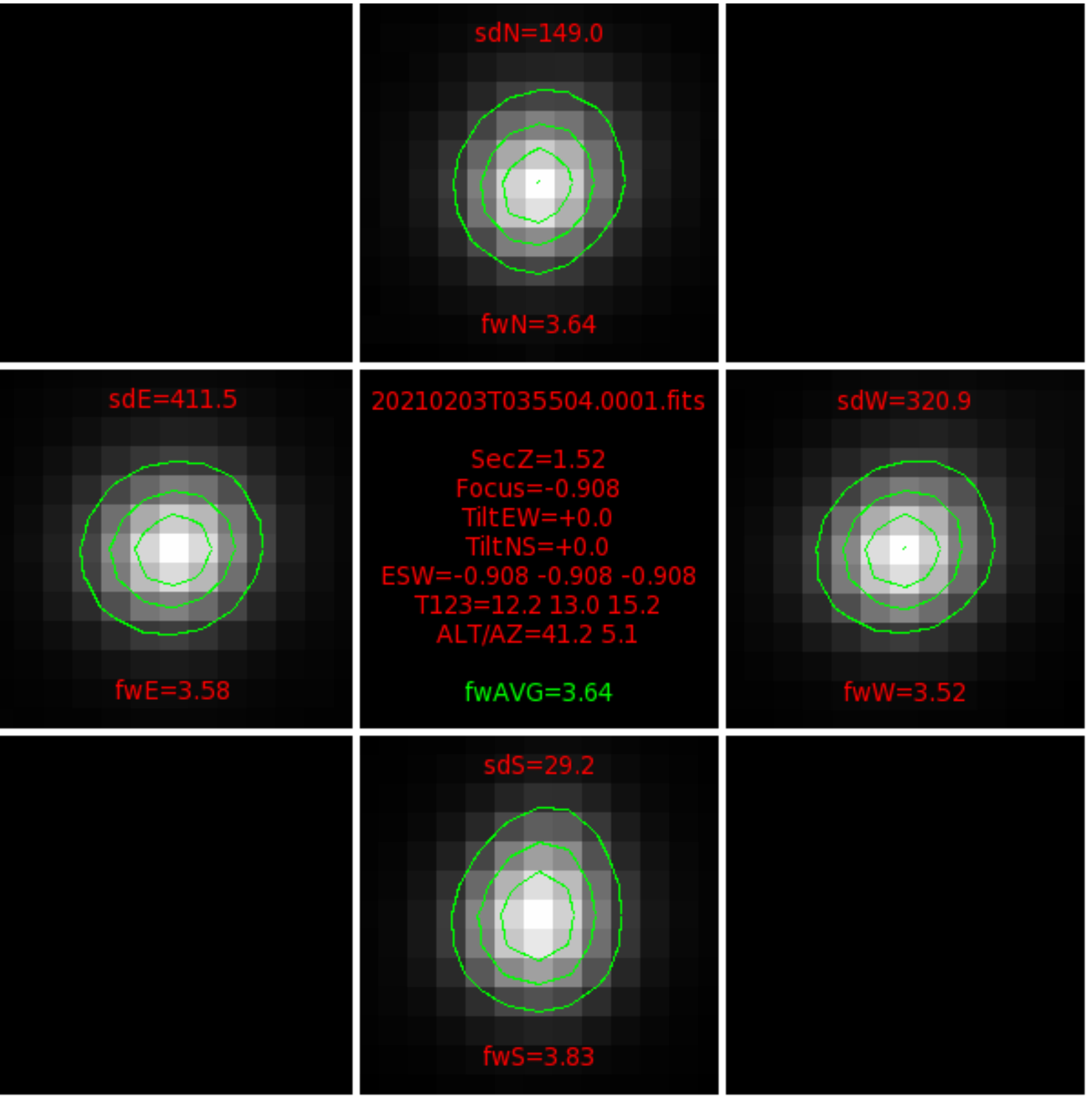
sdN=149.0
fwN=3.64
sdE=411.5
fwE=3.58
20210203T035504.0001.fits
SecZ=1.52
Focus=-0.908
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.908 -0.908 -0.908
T123=12.2 13.0 15.2
ALT/AZ=41.2 5.1
fwAVG=3.64
sdW=320.9
fwW=3.52
sdS=29.2
fwS=3.83
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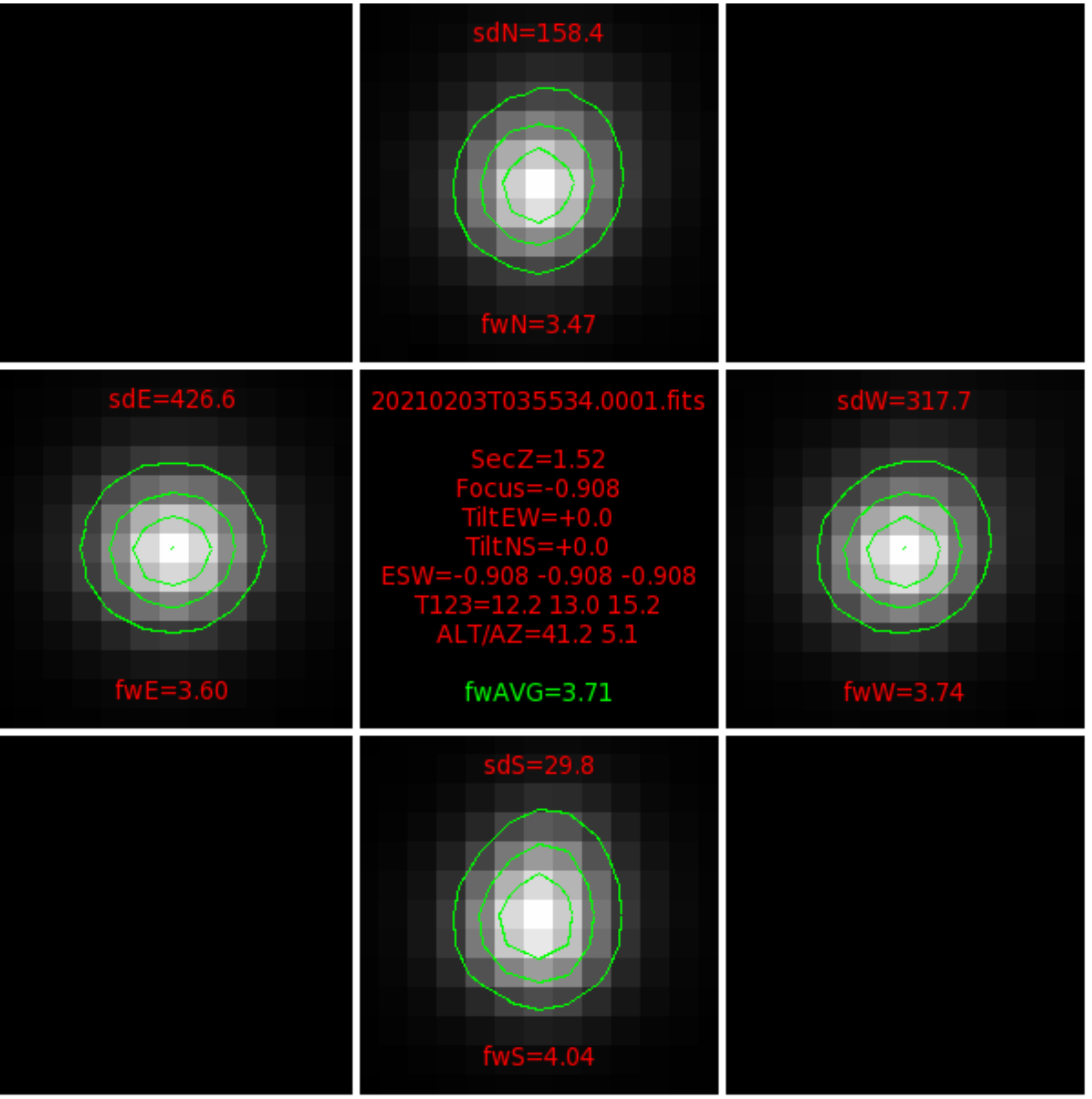
sdN=158.4
fwN=3.47
sdE=426.6
fwE=3.60
20210203T035534.0001.fits
SecZ=1.52
Focus=-0.908
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.908 -0.908 -0.908
T123=12.2 13.0 15.2
ALT/AZ=41.2 5.1
fwAVG=3.71
sdW=317.7
fwW=3.74
sdS=29.8
fwS=4.04
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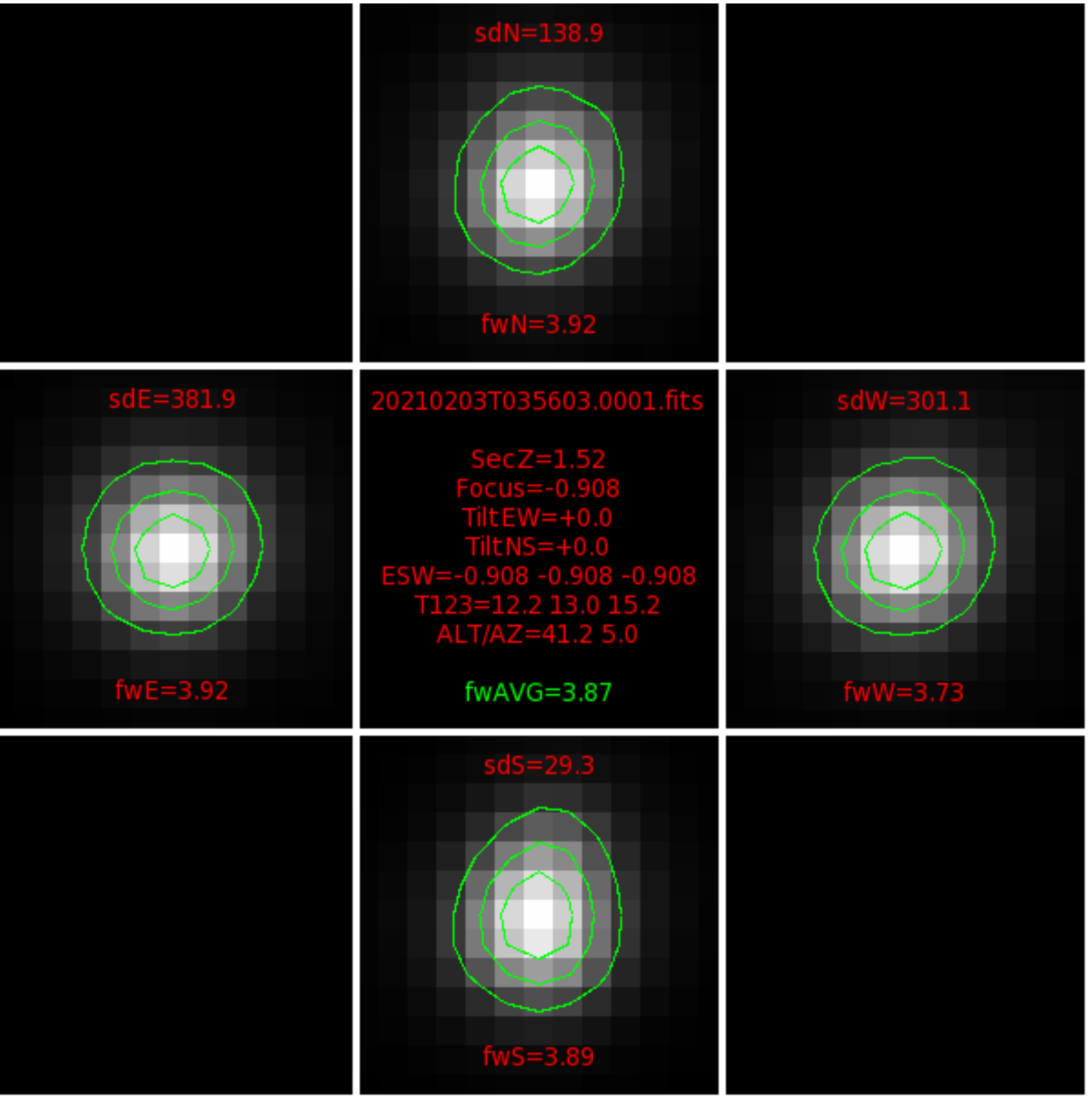
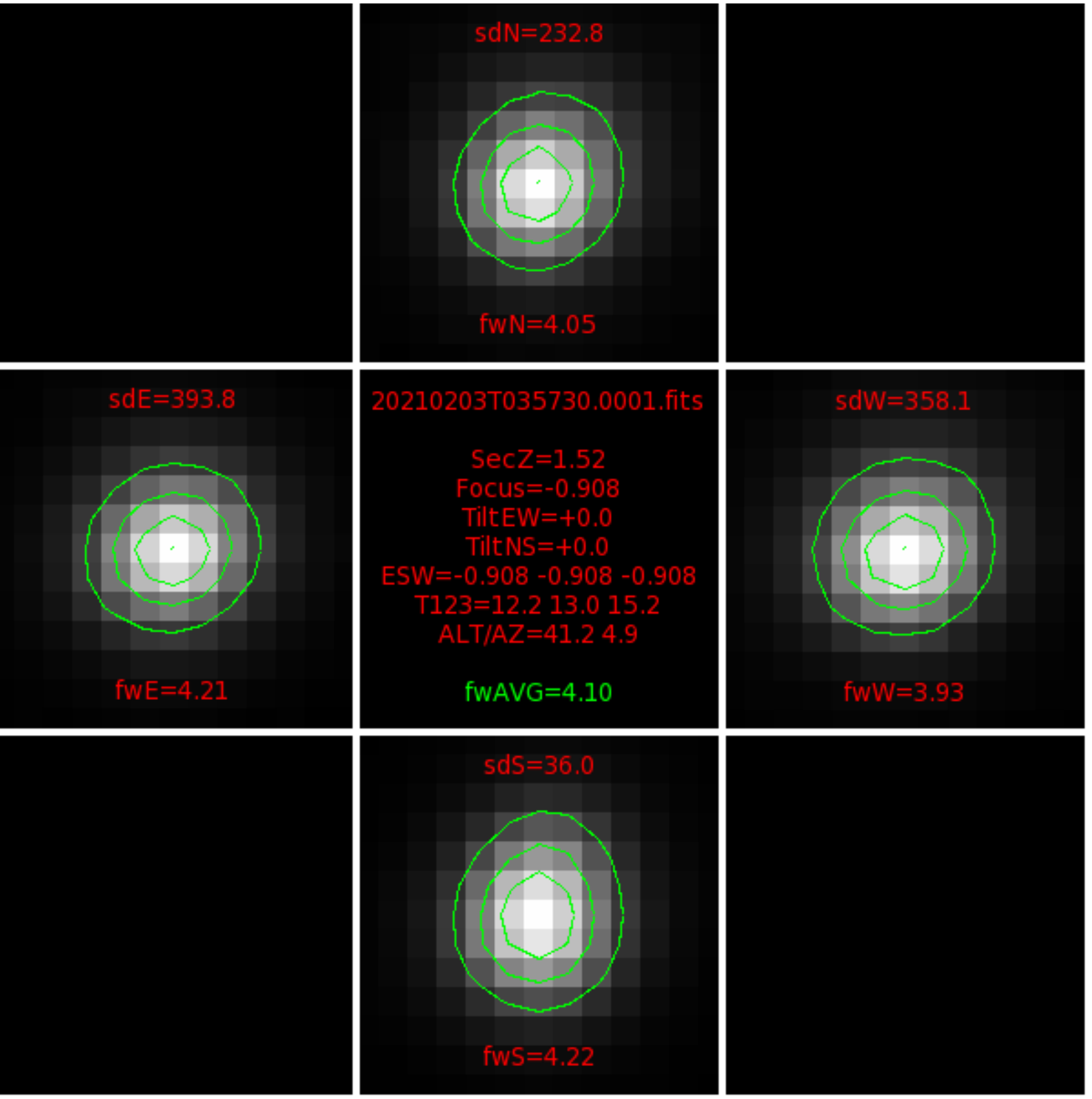

sdN=138.9
fwN=3.92
sdE=381.9
fwE=3.92
20210203T035603.0001.fits
SecZ=1.52
Focus=-0.908
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.908 -0.908 -0.908
T123=12.2 13.0 15.2
ALT/AZ=41.2 5.0
fwAVG=3.87
sdW=301.1
fwW=3.73
sdS=29.3
fwS=3.89
0 0 0 0 0 0 0 0 0


sdN=232.8
fwN=4.05
sdE=393.8
fwE=4.21
20210203T035730.0001.fits
SecZ=1.52
Focus=-0.908
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.908 -0.908 -0.908
T123=12.2 13.0 15.2
ALT/AZ=41.2 4.9
fwAVG=4.10
sdW=358.1
fwW=3.93
sdS=36.0
fwS=4.22
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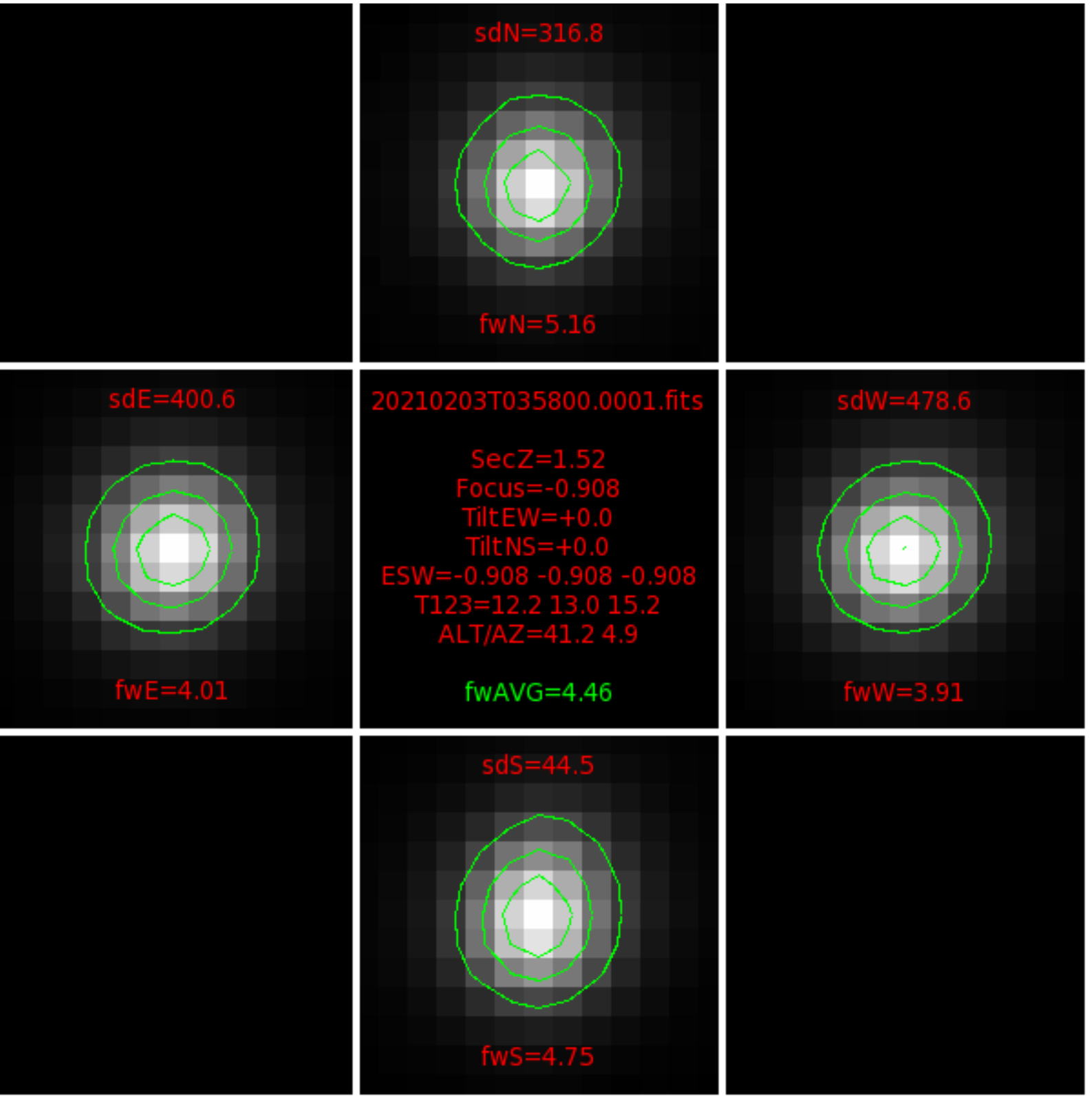
sdN=316.8
fwN=5.16
sdE=400.6
fwE=4.01
20210203T035800.0001.fits
SecZ=1.52
Focus=-0.908
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.908 -0.908 -0.908
T123=12.2 13.0 15.2
ALT/AZ=41.2 4.9
fwAVG=4.46
sdW=478.6
fwW=3.91
sdS=44.5
fwS=4.75
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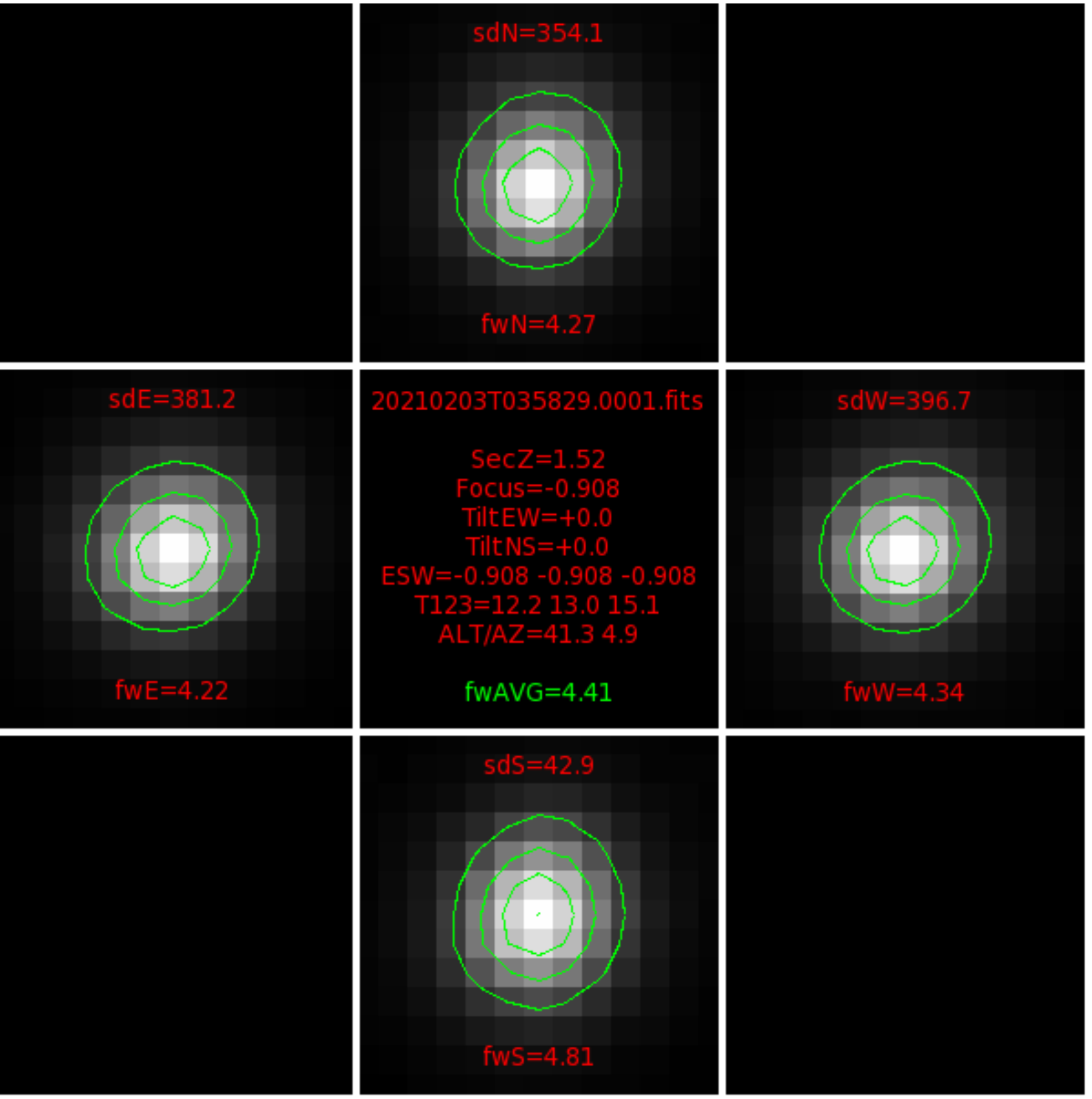
sdN=354.1
fwN=4.27
sdE=381.2
fwE=4.22
20210203T035829.0001.fits
SecZ=1.52
Focus=-0.908
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.908 -0.908 -0.908
T123=12.2 13.0 15.1
ALT/AZ=41.3 4.9
fwAVG=4.41
sdW=396.7
fwW=4.34
sdS=42.9
fwS=4.81
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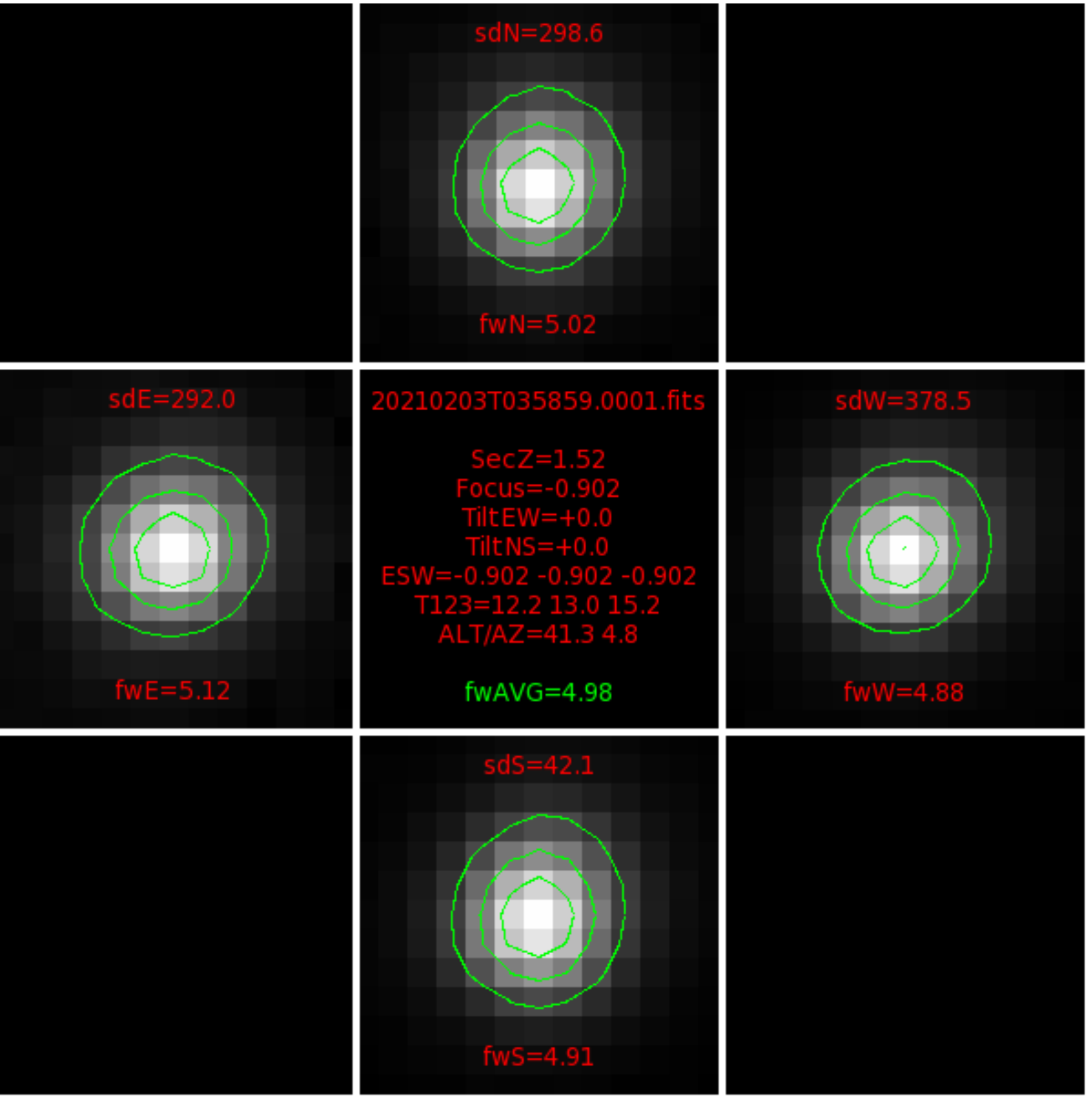
sdN=298.6
fwN=5.02
sdE=292.0
fwE=5.12
20210203T035859.0001.fits
SecZ=1.52
Focus=-0.902
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.902 -0.902 -0.902
T123=12.2 13.0 15.2
ALT/AZ=41.3 4.8
fwAVG=4.98
sdW=378.5
fwW=4.88
sdS=42.1
fwS=4.91
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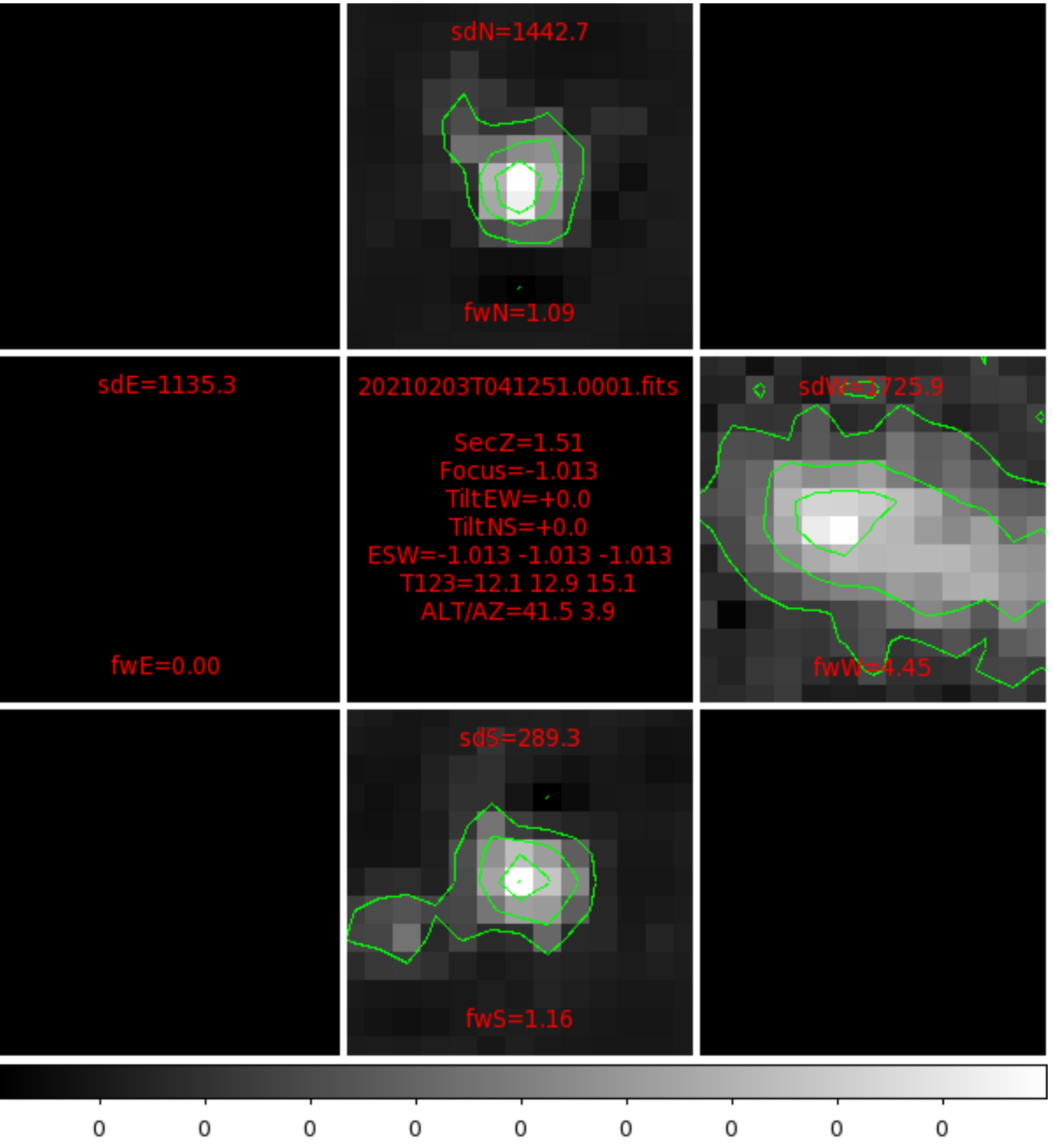
sdN=1442.7
fwN=1.09
sdE=1135.3
fwE=0.00
20210203T041251.0001.fits
SecZ=1.51
Focus=-1.013
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.013 -1.013 -1.013
T123=12.1 12.9 15.1
ALT/AZ=41.5 3.9
sdW=3725.9
fwW=4.45
sdS=289.3
fwS=1.16
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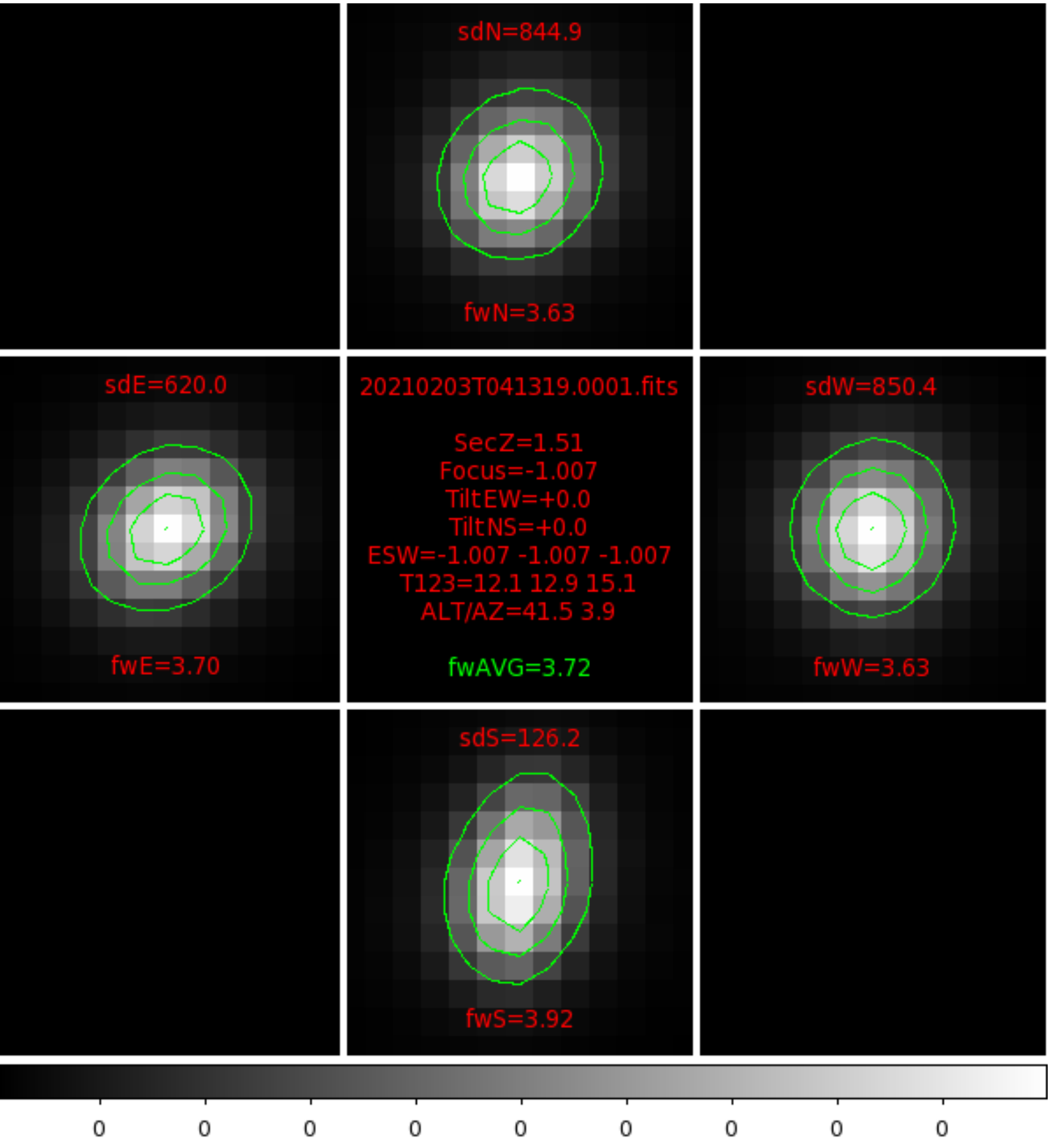
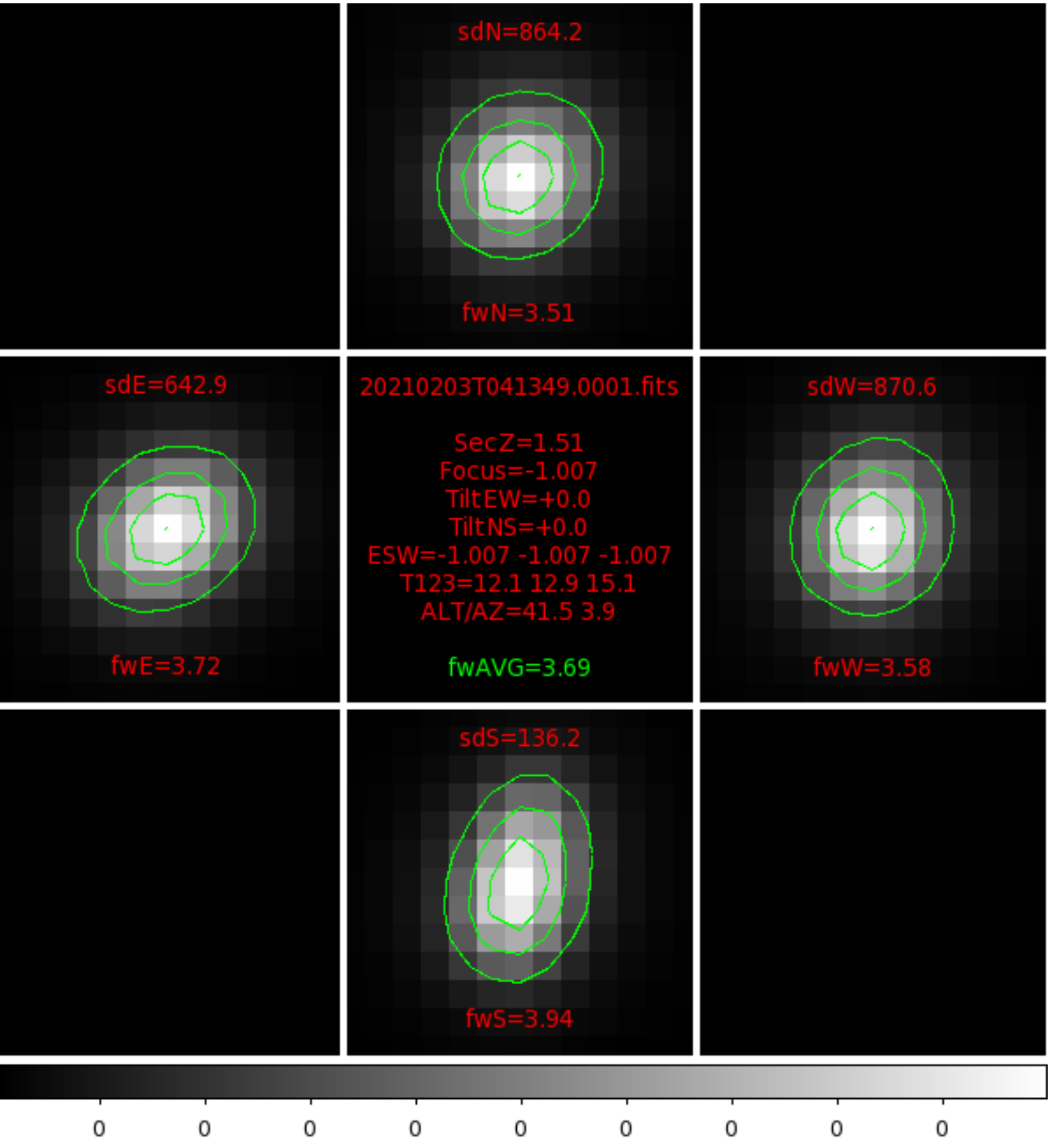

sdN=844.9
fwN=3.63
sdE=620.0
fwE=3.70
20210203T041319.0001.fits
SecZ=1.51
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=12.1 12.9 15.1
ALT/AZ=41.5 3.9
fwAVG=3.72
sdW=850.4
fwW=3.63
sdS=126.2
fwS=3.92
0 0 0 0 0 0 0 0 0


sdN=864.2
fwN=3.51
sdE=642.9
fwE=3.72
20210203T041349.0001.fits
SecZ=1.51
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=12.1 12.9 15.1
ALT/AZ=41.5 3.9
fwAVG=3.69
sdW=870.6
fwW=3.58
sdS=136.2
fwS=3.94
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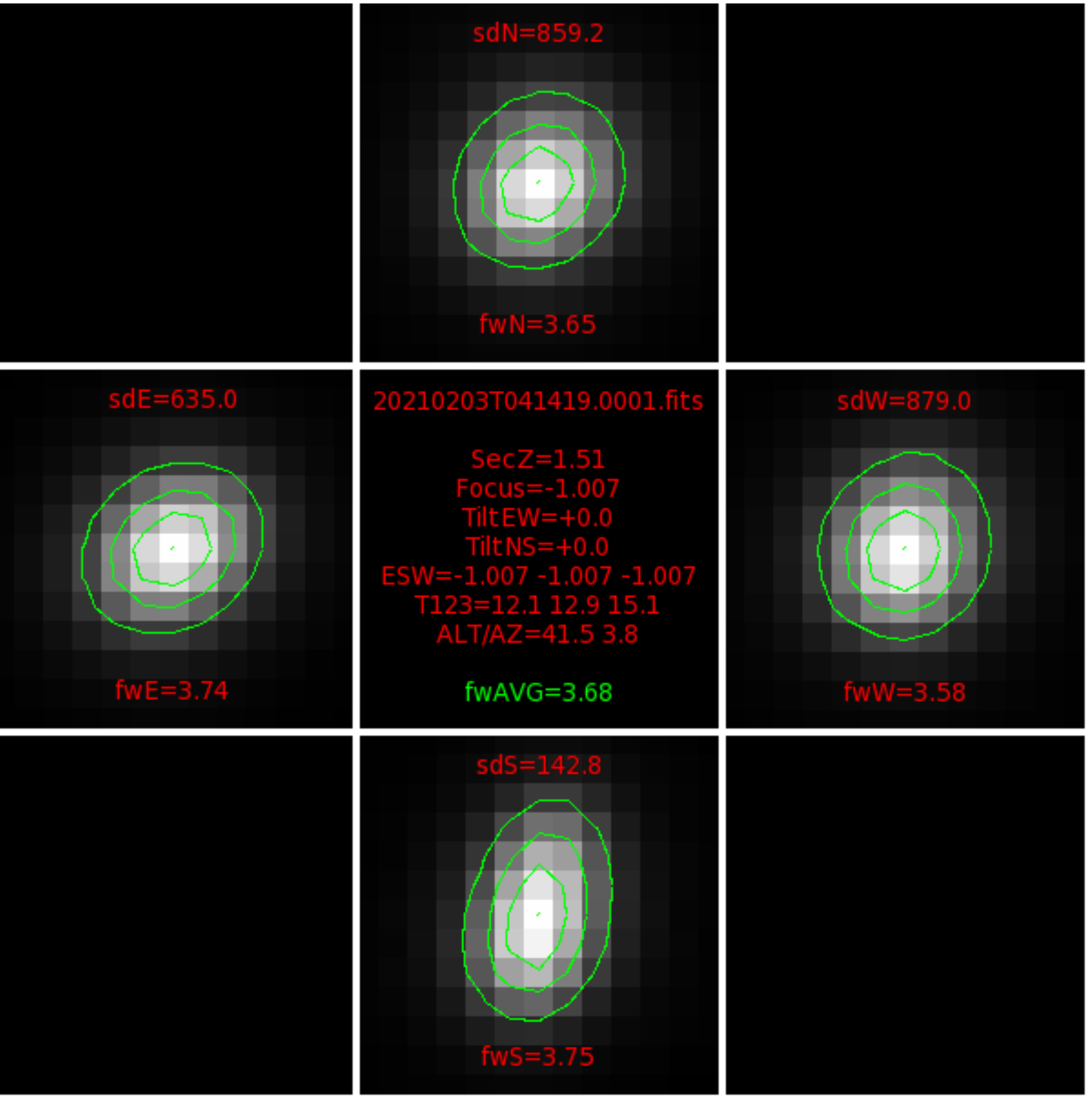
sdN=859.2
fwN=3.65
sdE=635.0
fwE=3.74
20210203T041419.0001.fits
SecZ=1.51
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=12.1 12.9 15.1
ALT/AZ=41.5 3.8
fwAVG=3.68
sdW=879.0
fwW=3.58
sdS=142.8
fwS=3.75
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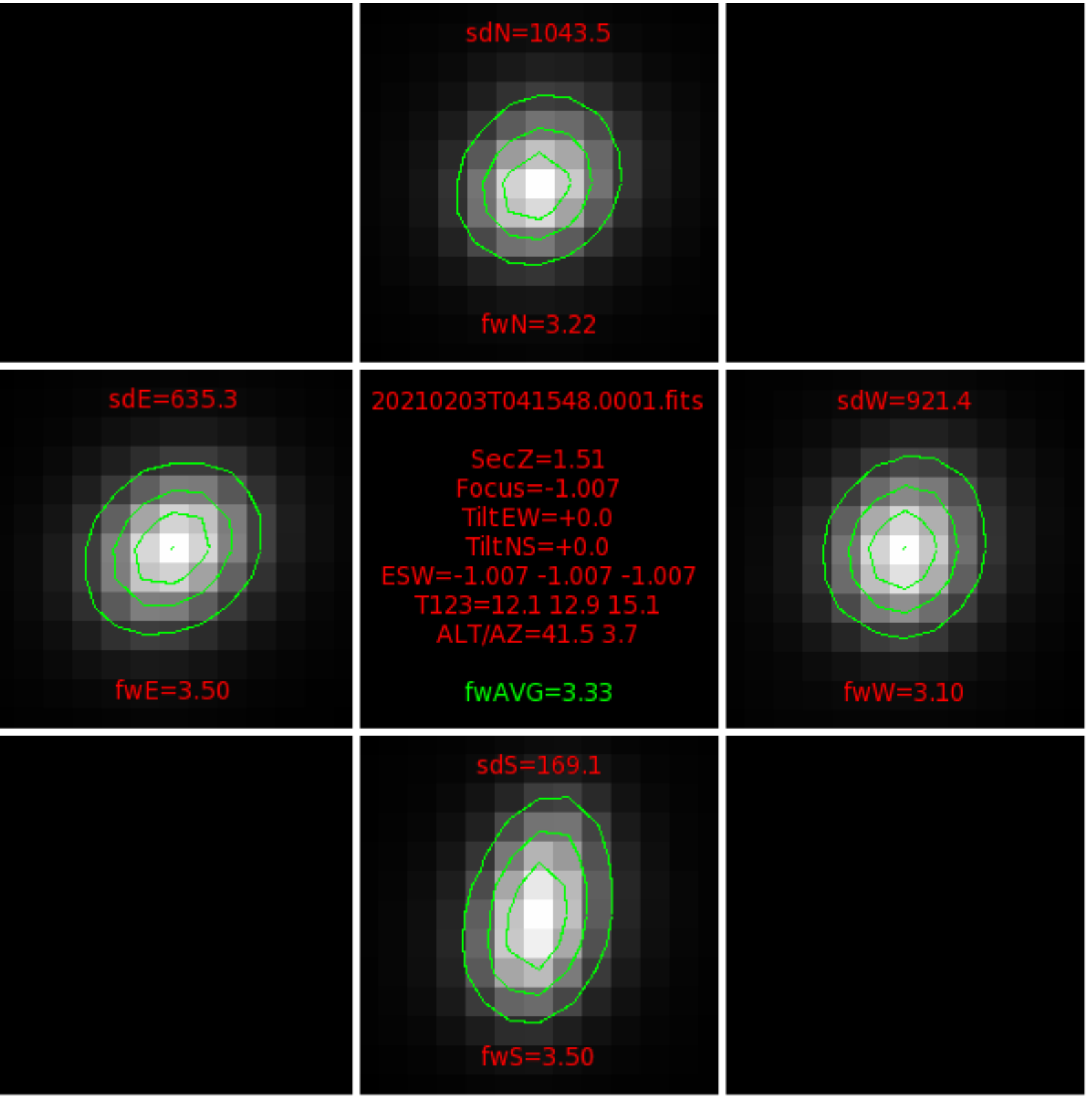
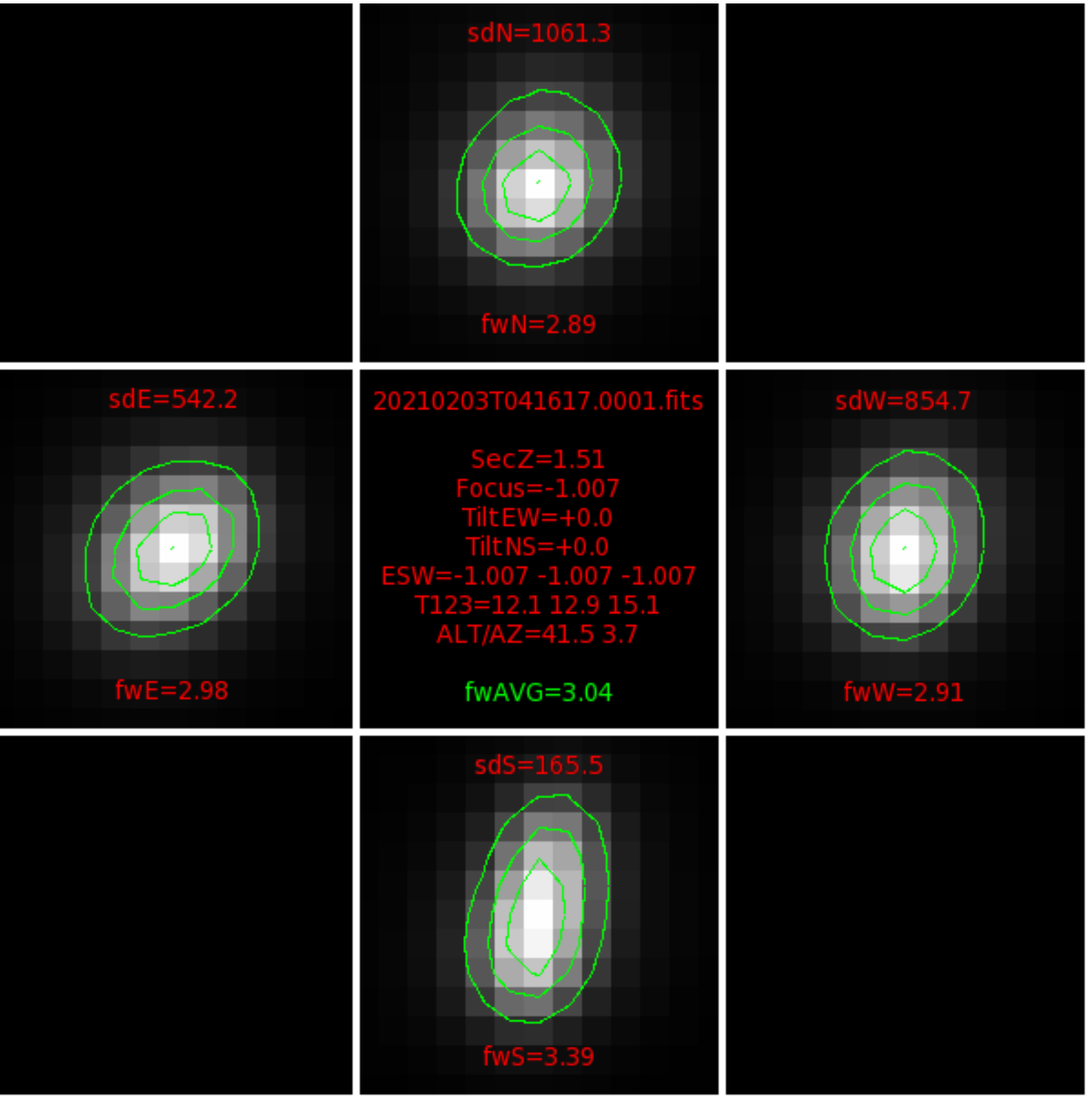

sdN=1043.5
fwN=3.22
sdE=635.3
fwE=3.50
20210203T041548.0001.fits
SecZ=1.51
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=12.1 12.9 15.1
ALT/AZ=41.5 3.7
fwAVG=3.33
sdW=921.4
fwW=3.10
sdS=169.1
fwS=3.50
0 0 0 0 0 0 0 0 0


sdN=1061.3
fwN=2.89
sdE=542.2
fwE=2.98
20210203T041617.0001.fits
SecZ=1.51
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=12.1 12.9 15.1
ALT/AZ=41.5 3.7
fwAVG=3.04
sdW=854.7
fwW=2.91
sdS=165.5
fwS=3.39
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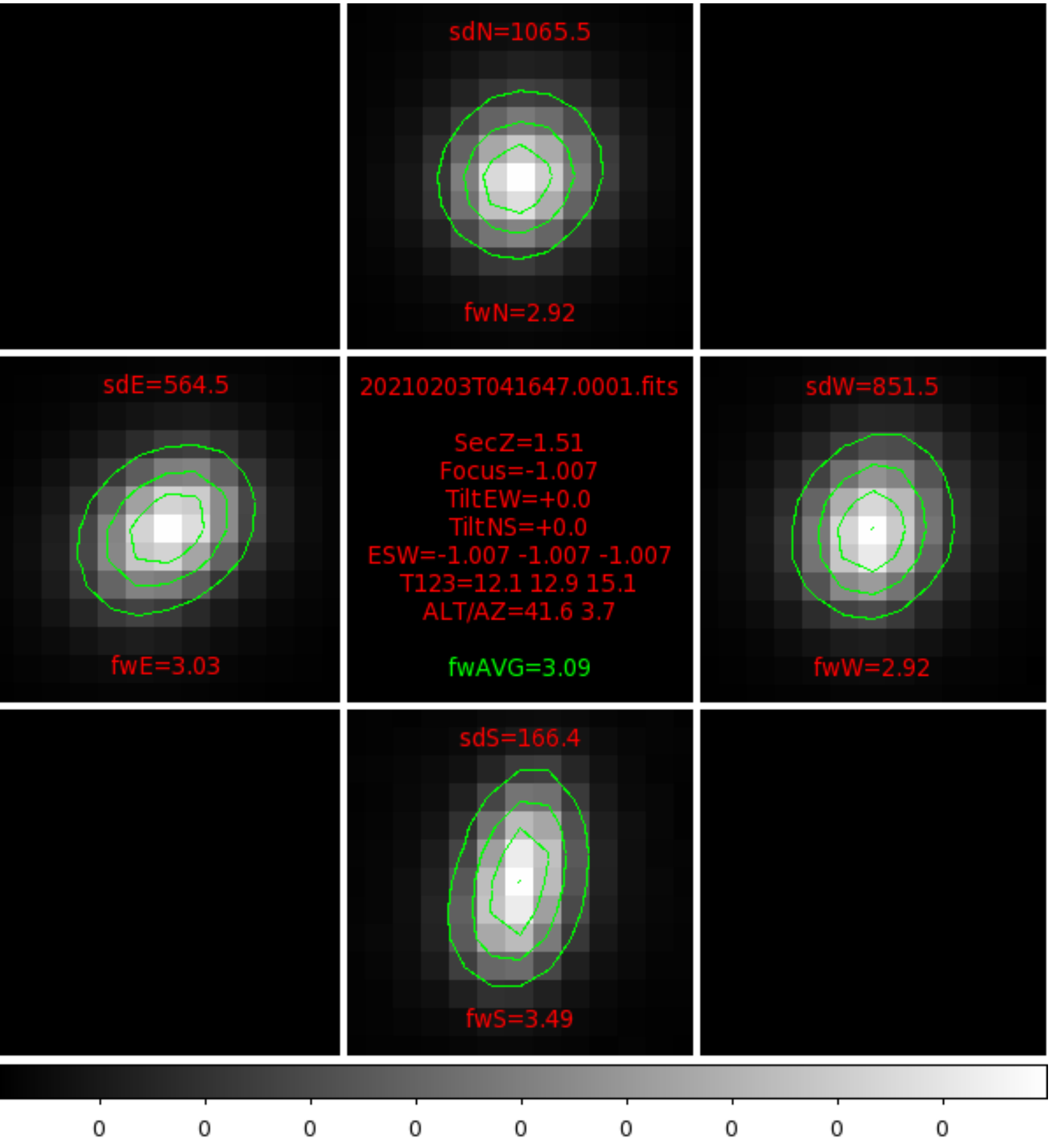
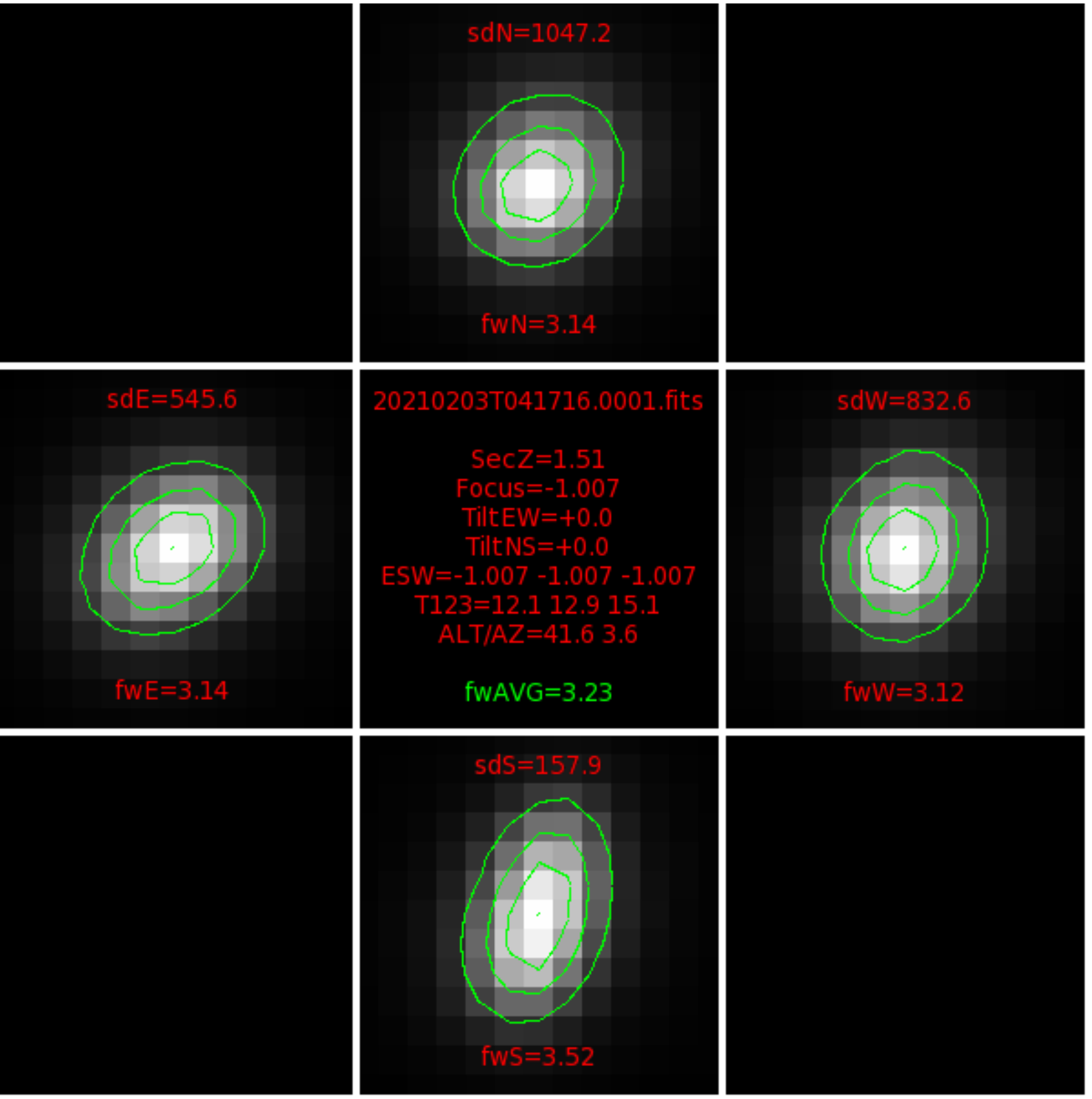
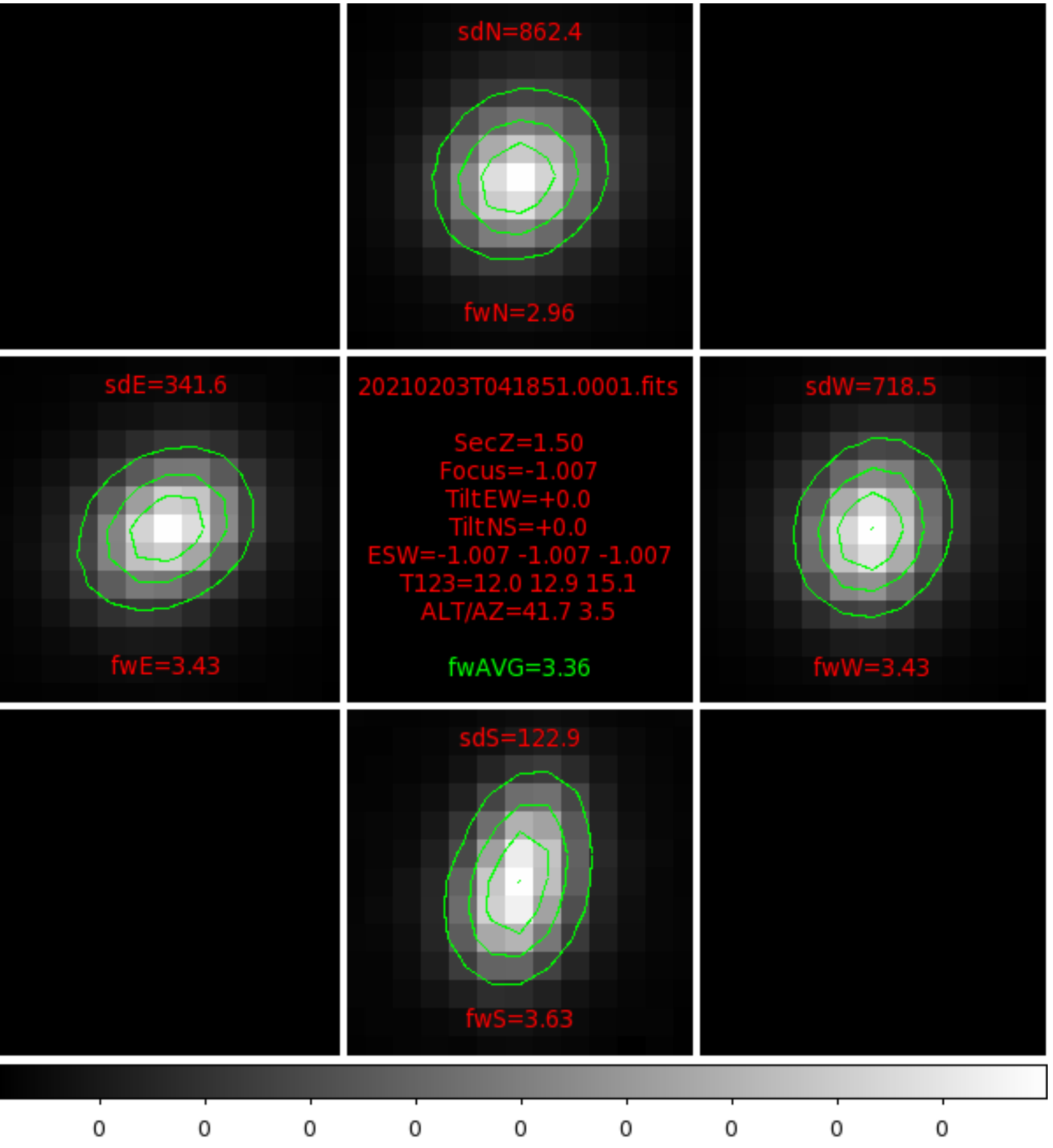

sdN=1065.5
fwN=2.92
sdE=564.5
fwE=3.03
20210203T041647.0001.fits
SecZ=1.51
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=12.1 12.9 15.1
ALT/AZ=41.6 3.7
fwAVG=3.09
sdW=851.5
fwW=2.92
sdS=166.4
fwS=3.49
0 0 0 0 0 0 0 0 0


sdN=1047.2
fwN=3.14
sdE=545.6
fwE=3.14
20210203T041716.0001.fits
SecZ=1.51
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=12.1 12.9 15.1
ALT/AZ=41.6 3.6
fwAVG=3.23
sdW=832.6
fwW=3.12
sdS=157.9
fwS=3.52
0 0 0 0 0 0 0 0 0


sdN=862.4
fwN=2.96
sdE=341.6
fwE=3.43
20210203T041851.0001.fits
SecZ=1.50
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=12.0 12.9 15.1
ALT/AZ=41.7 3.5
fwAVG=3.36
sdW=718.5
fwW=3.43
sdS=122.9
fwS=3.63
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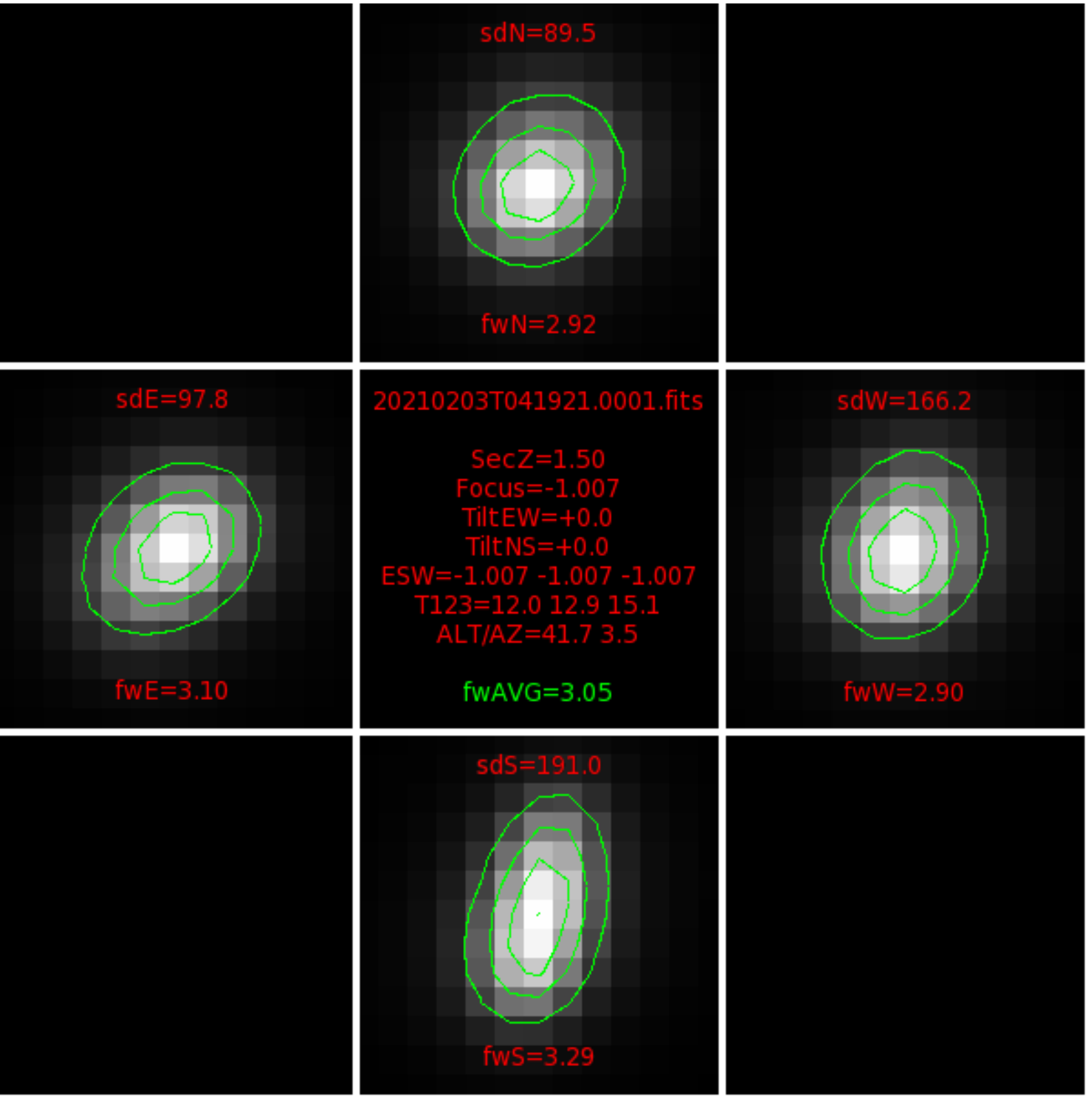
sdN=89.5
fwN=2.92
sdE=97.8
fwE=3.10
20210203T041921.0001.fits
SecZ=1.50
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=12.0 12.9 15.1
ALT/AZ=41.7 3.5
fwAVG=3.05
sdW=166.2
fwW=2.90
sdS=191.0
fwS=3.29
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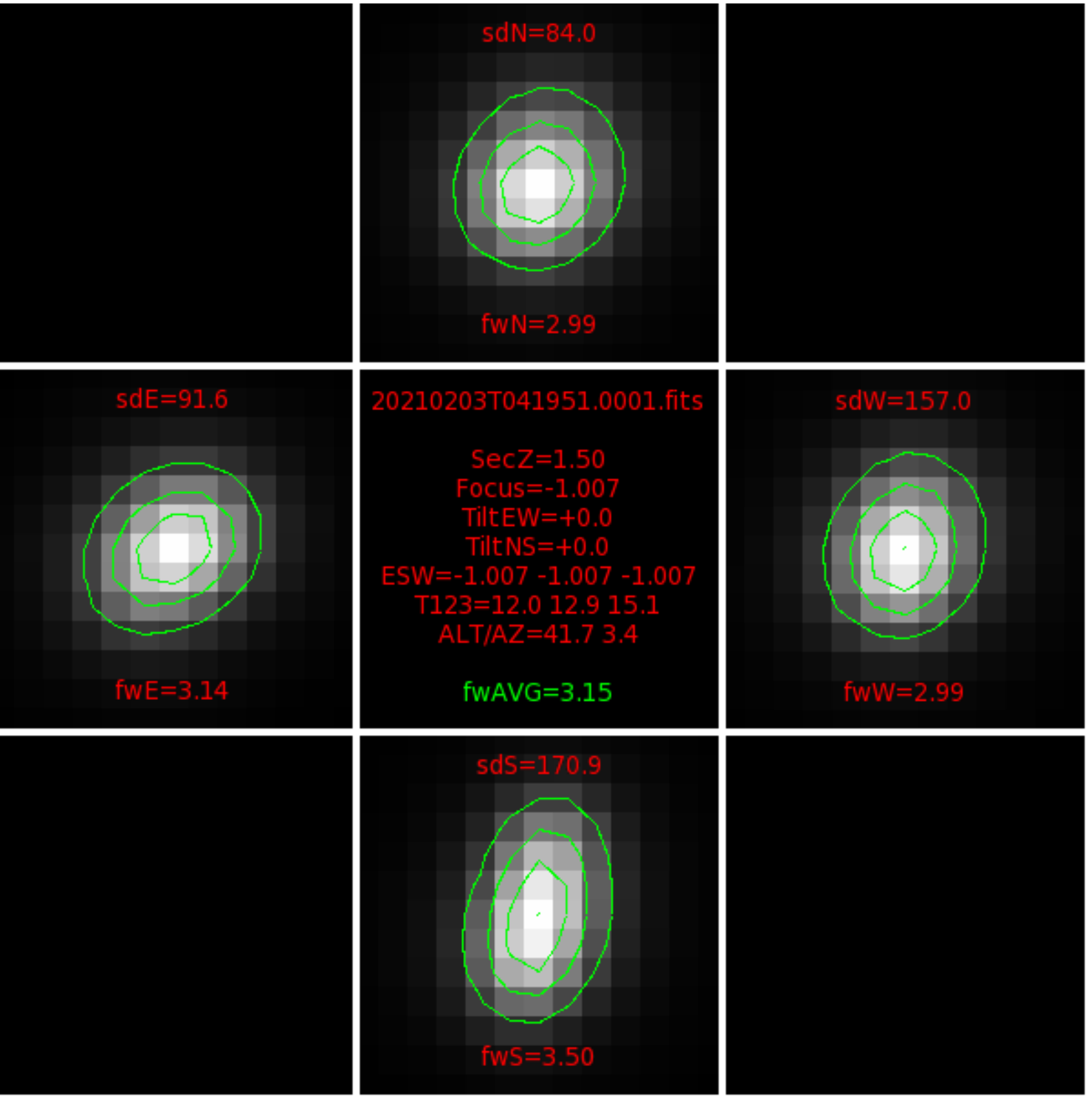
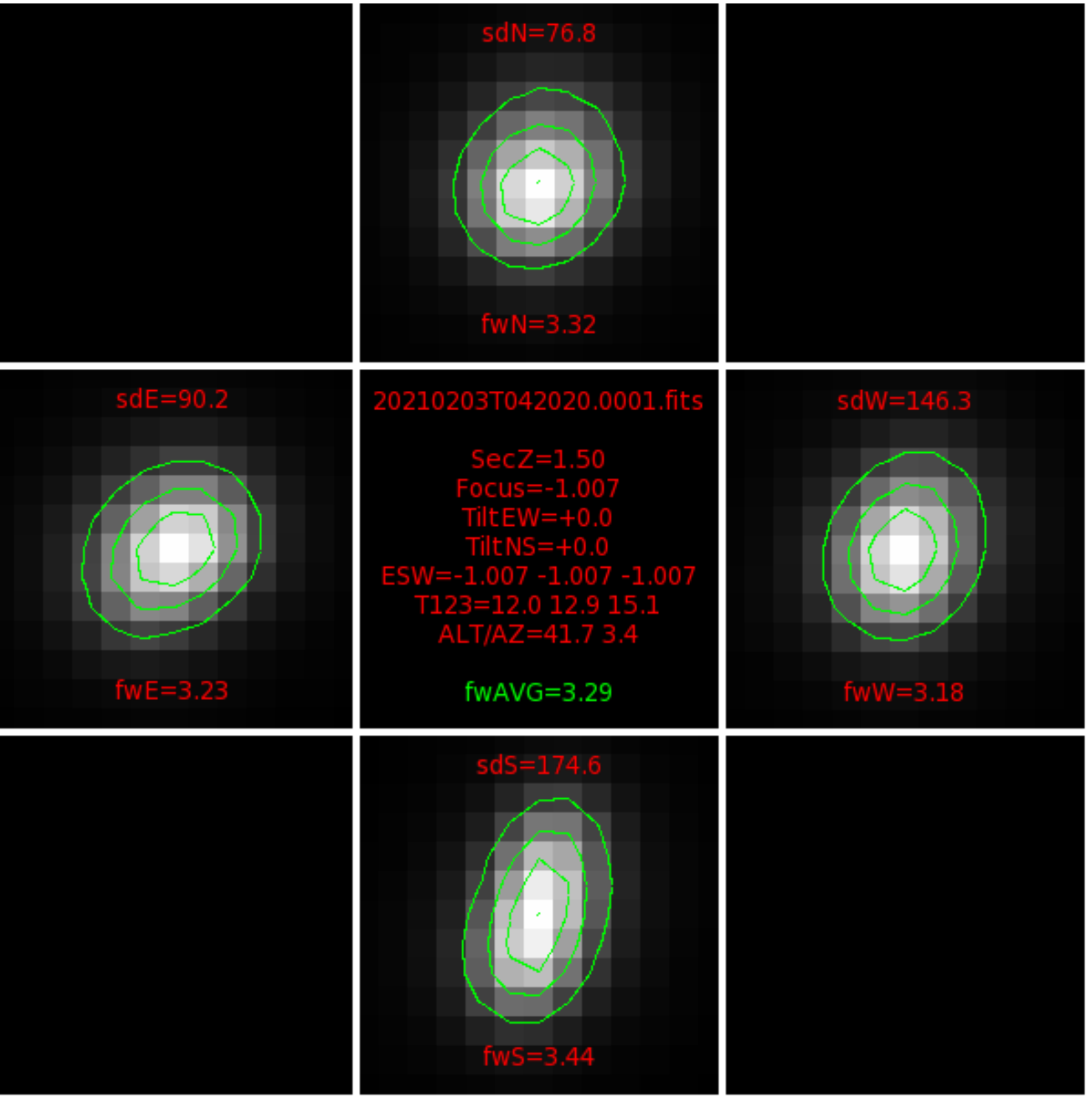

sdN=84.0
fwN=2.99
sdE=91.6
fwE=3.14
20210203T041951.0001.fits
SecZ=1.50
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=12.0 12.9 15.1
ALT/AZ=41.7 3.4
fwAVG=3.15
sdW=157.0
fwW=2.99
sdS=170.9
fwS=3.50
0 0 0 0 0 0 0 0 0


sdN=76.8
fwN=3.32
sdE=90.2
fwE=3.23
20210203T042020.0001.fits
SecZ=1.50
Focus=-1.007
TiltEW=+0.0
TiltNS=+0.0
ESW=-1.007 -1.007 -1.007
T123=12.0 12.9 15.1
ALT/AZ=41.7 3.4
fwAVG=3.29
sdW=146.3
fwW=3.18
sdS=174.6
fwS=3.44
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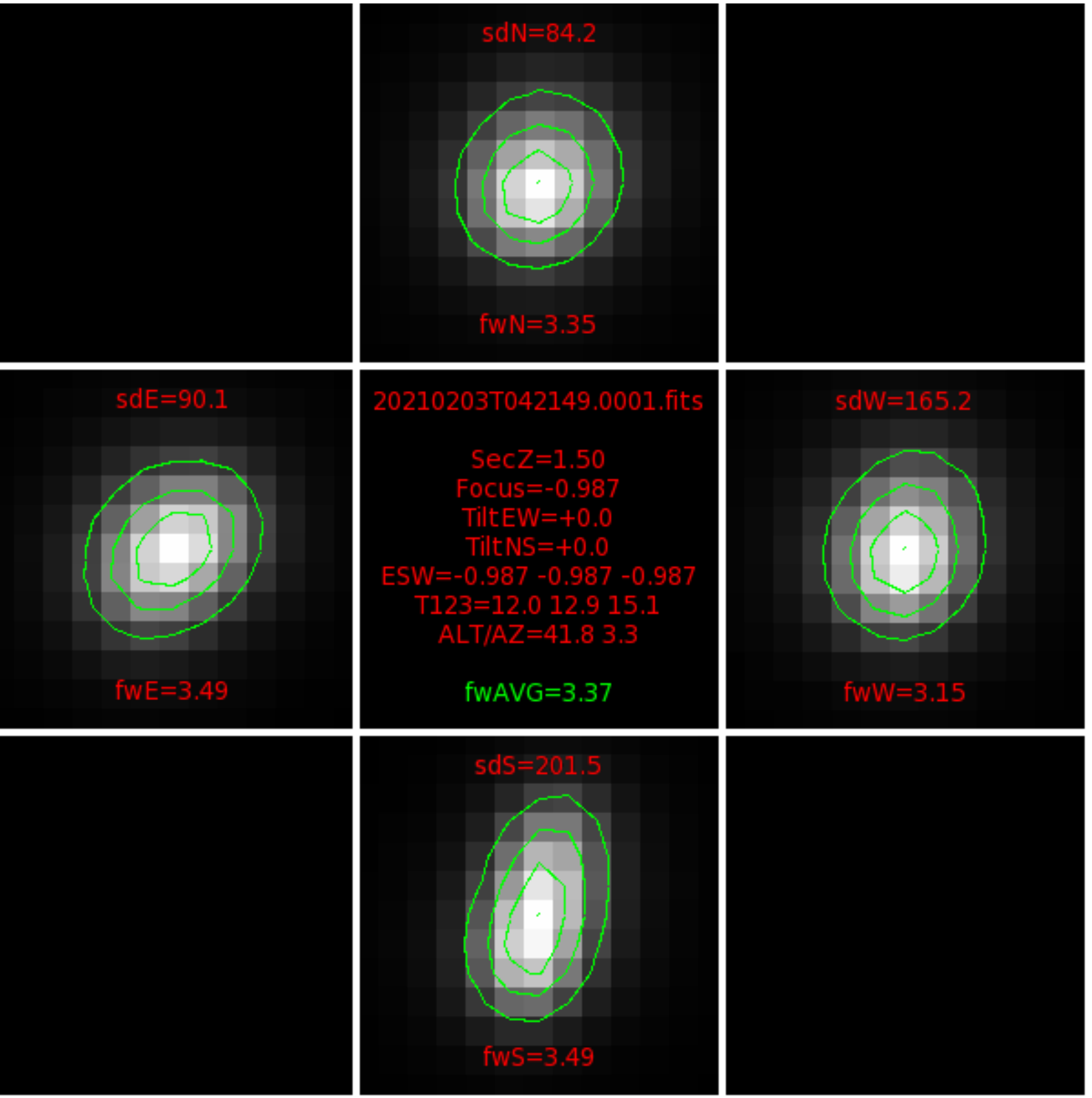
sdN=84.2
fwN=3.35
sdE=90.1
fwE=3.49
20210203T042149.0001.fits
SecZ=1.50
Focus=-0.987
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.987 -0.987 -0.987
T123=12.0 12.9 15.1
ALT/AZ=41.8 3.3
fwAVG=3.37
sdW=165.2
fwW=3.15
sdS=201.5
fwS=3.49
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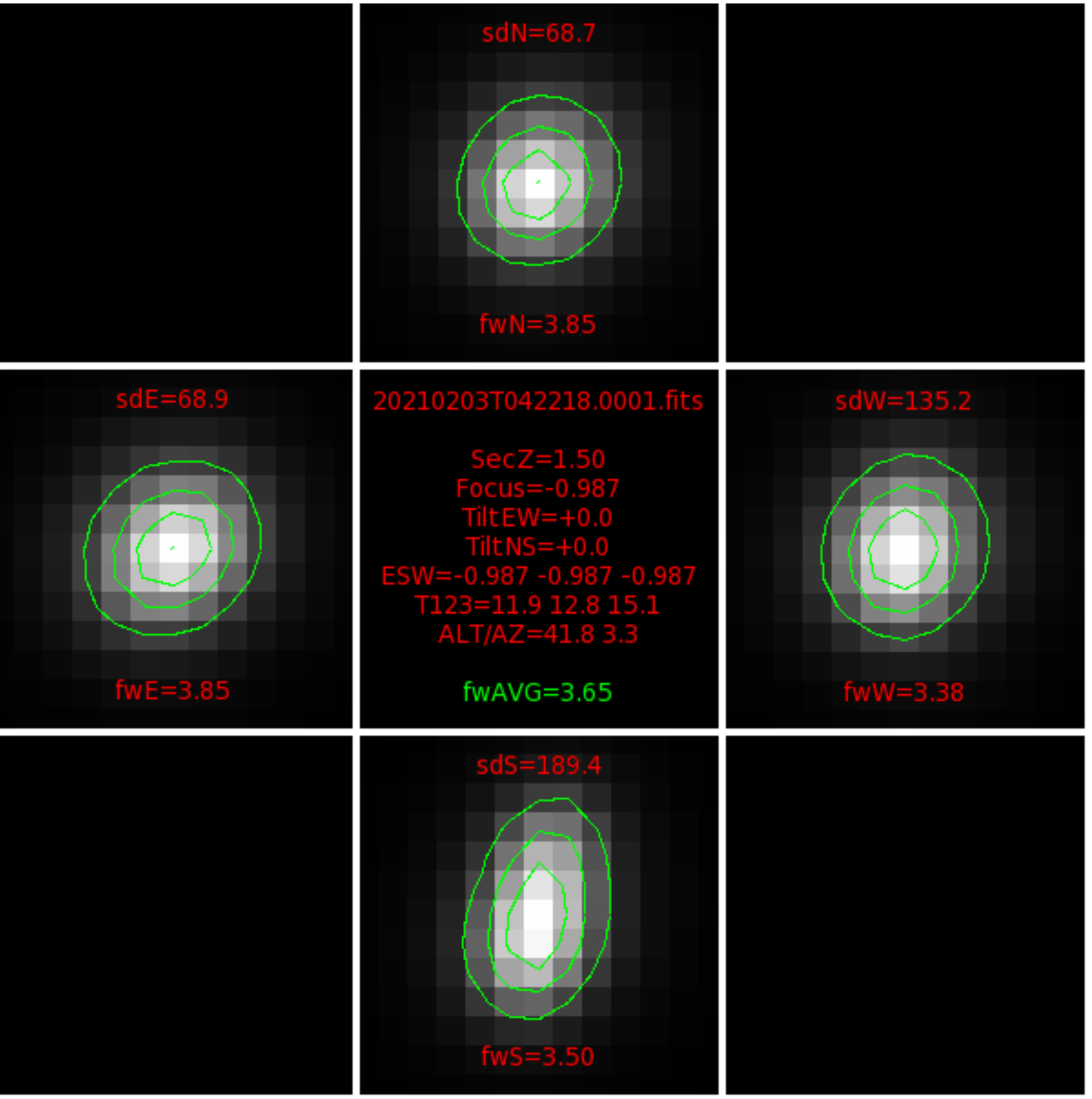
sdN=68.7
fwN=3.85
sdE=68.9
fwE=3.85
20210203T042218.0001.fits
SecZ=1.50
Focus=-0.987
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.987 -0.987 -0.987
T123=11.9 12.8 15.1
ALT/AZ=41.8 3.3
fwAVG=3.65
sdW=135.2
fwW=3.38
sdS=189.4
fwS=3.50
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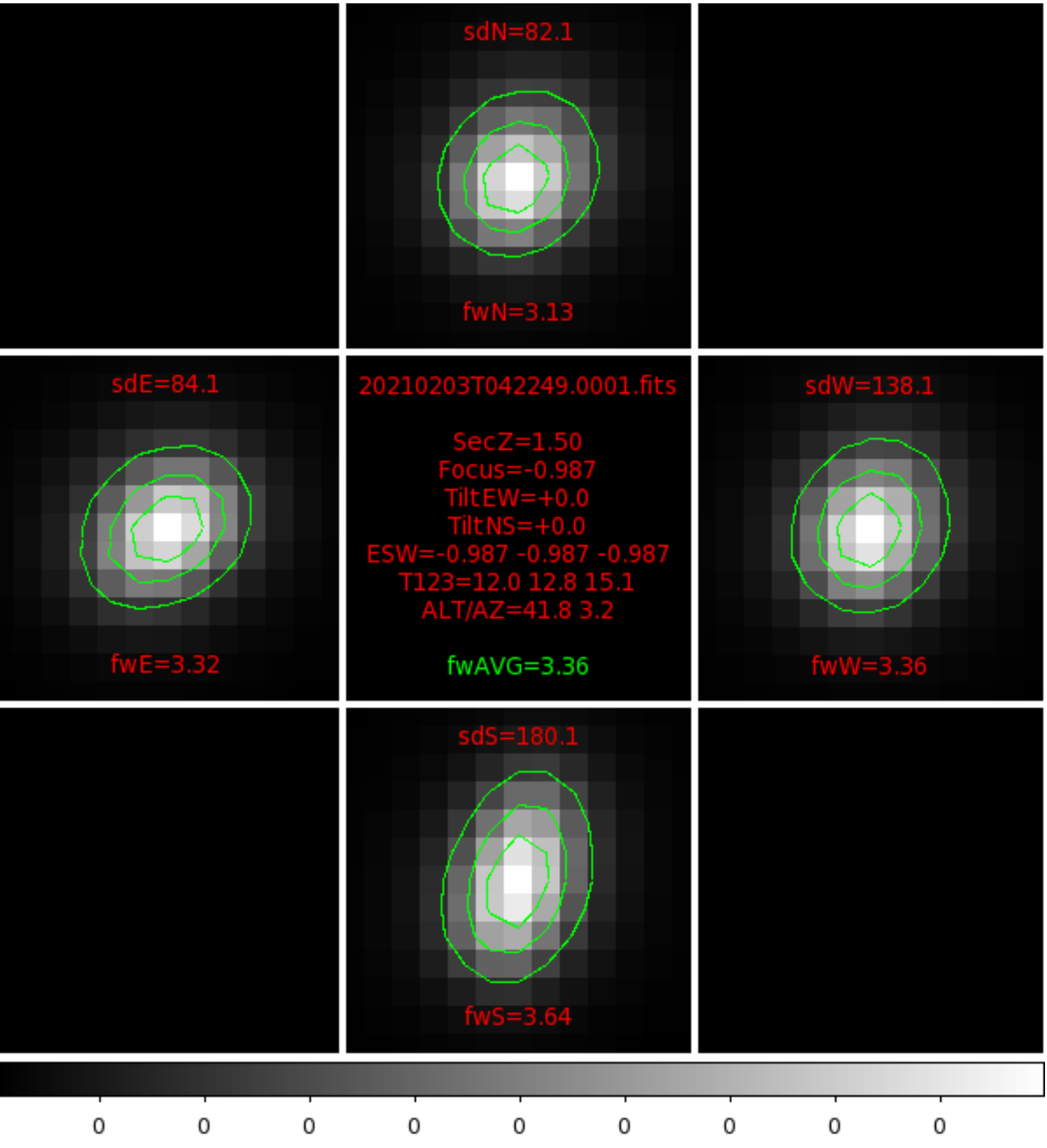
sdN=82.1
fwN=3.13
sdE=84.1
fwE=3.32
20210203T042249.0001.fits
SecZ=1.50
Focus=-0.987
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.987 -0.987 -0.987
T123=12.0 12.8 15.1
ALT/AZ=41.8 3.2
fwAVG=3.36
sdW=138.1
fwW=3.36
sdS=180.1
fwS=3.64
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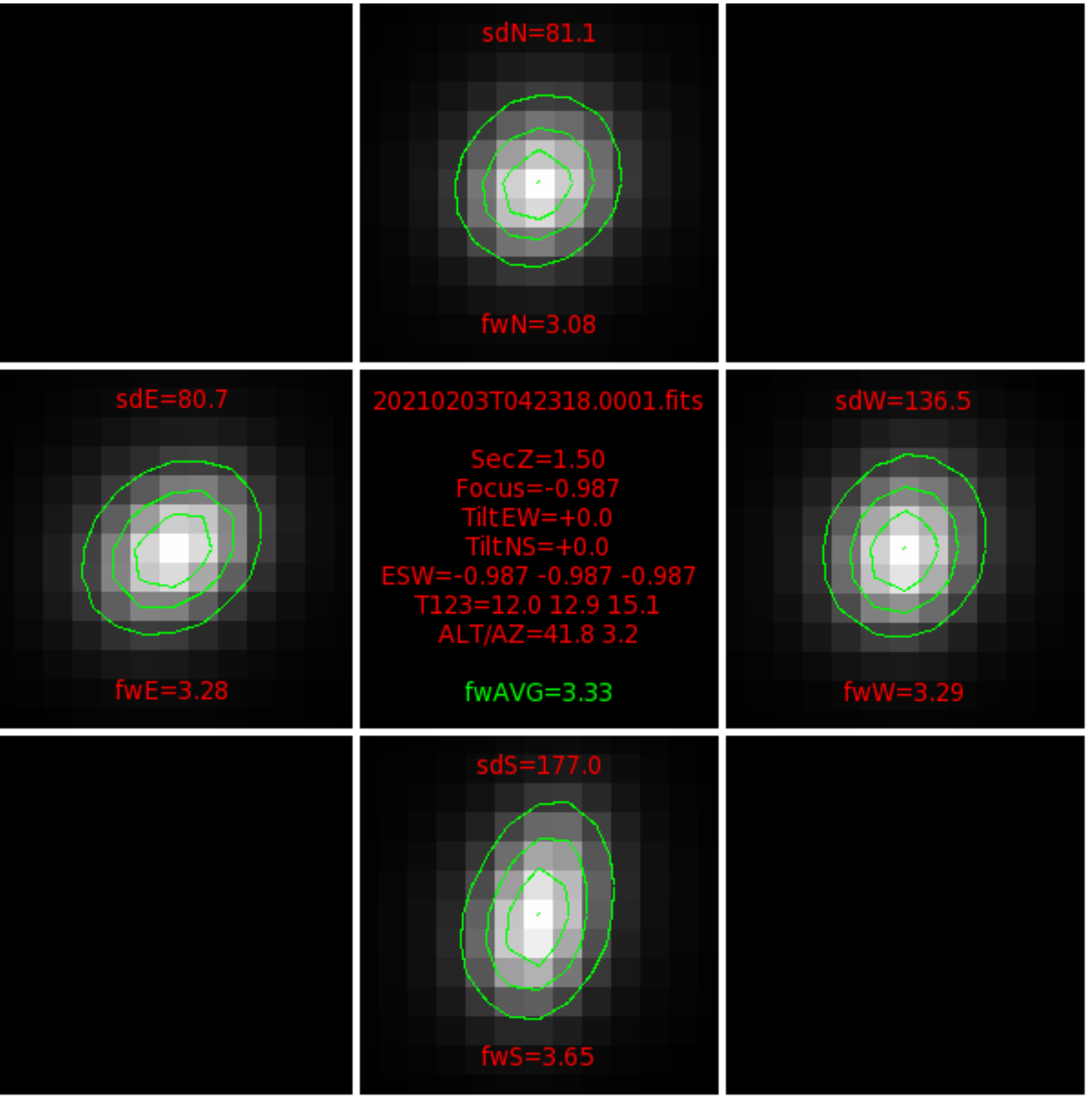
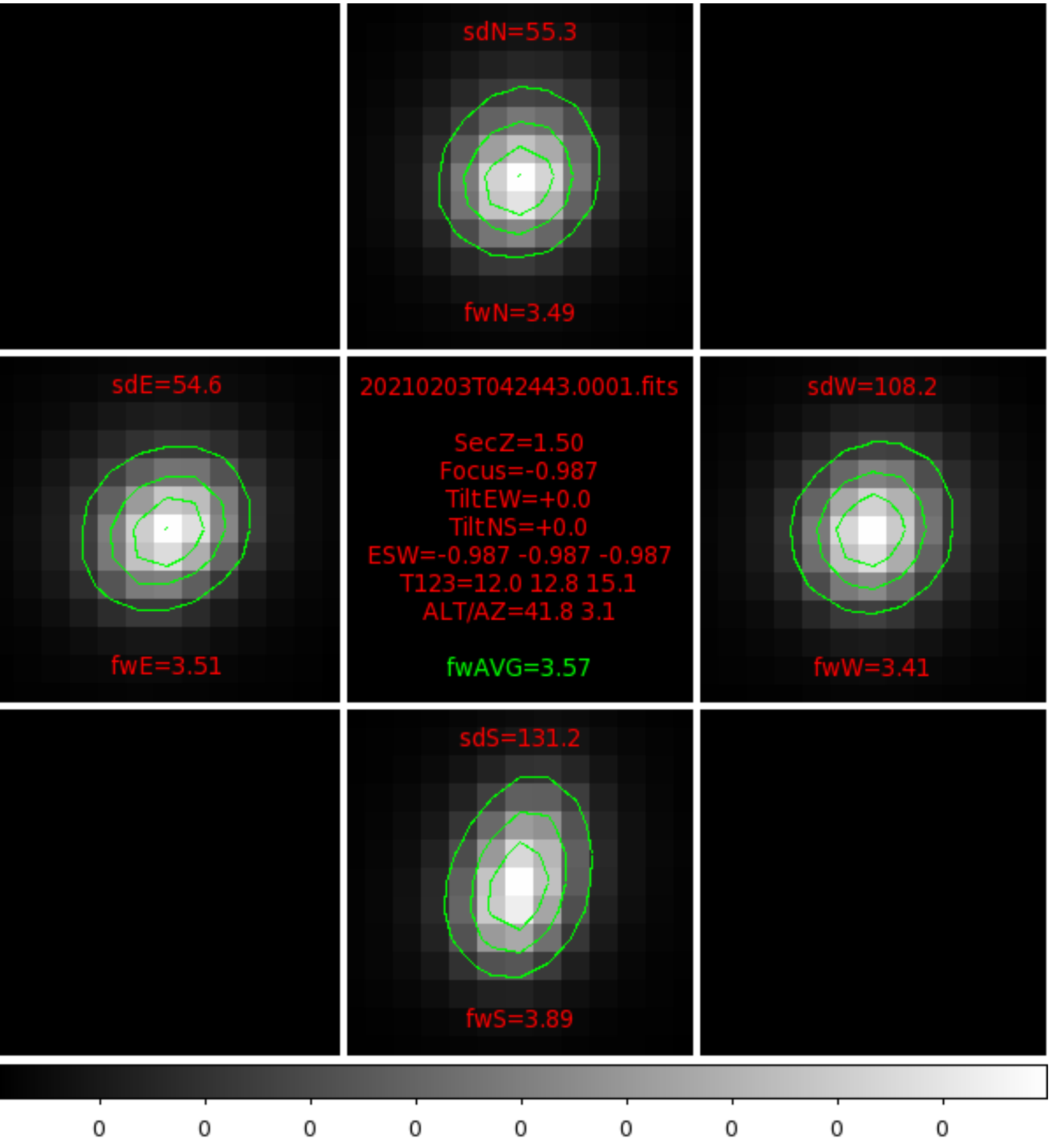

sdN=81.1
fwN=3.08
sdE=80.7
fwE=3.28
20210203T042318.0001.fits
SecZ=1.50
Focus=-0.987
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.987 -0.987 -0.987
T123=12.0 12.9 15.1
ALT/AZ=41.8 3.2
fwAVG=3.33
sdW=136.5
fwW=3.29
sdS=177.0
fwS=3.65
0 0 0 0 0 0 0 0 0


sdN=55.3
fwN=3.49
sdE=54.6
fwE=3.51
20210203T042443.0001.fits
SecZ=1.50
Focus=-0.987
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.987 -0.987 -0.987
T123=12.0 12.8 15.1
ALT/AZ=41.8 3.1
fwAVG=3.57
sdW=108.2
fwW=3.41
sdS=131.2
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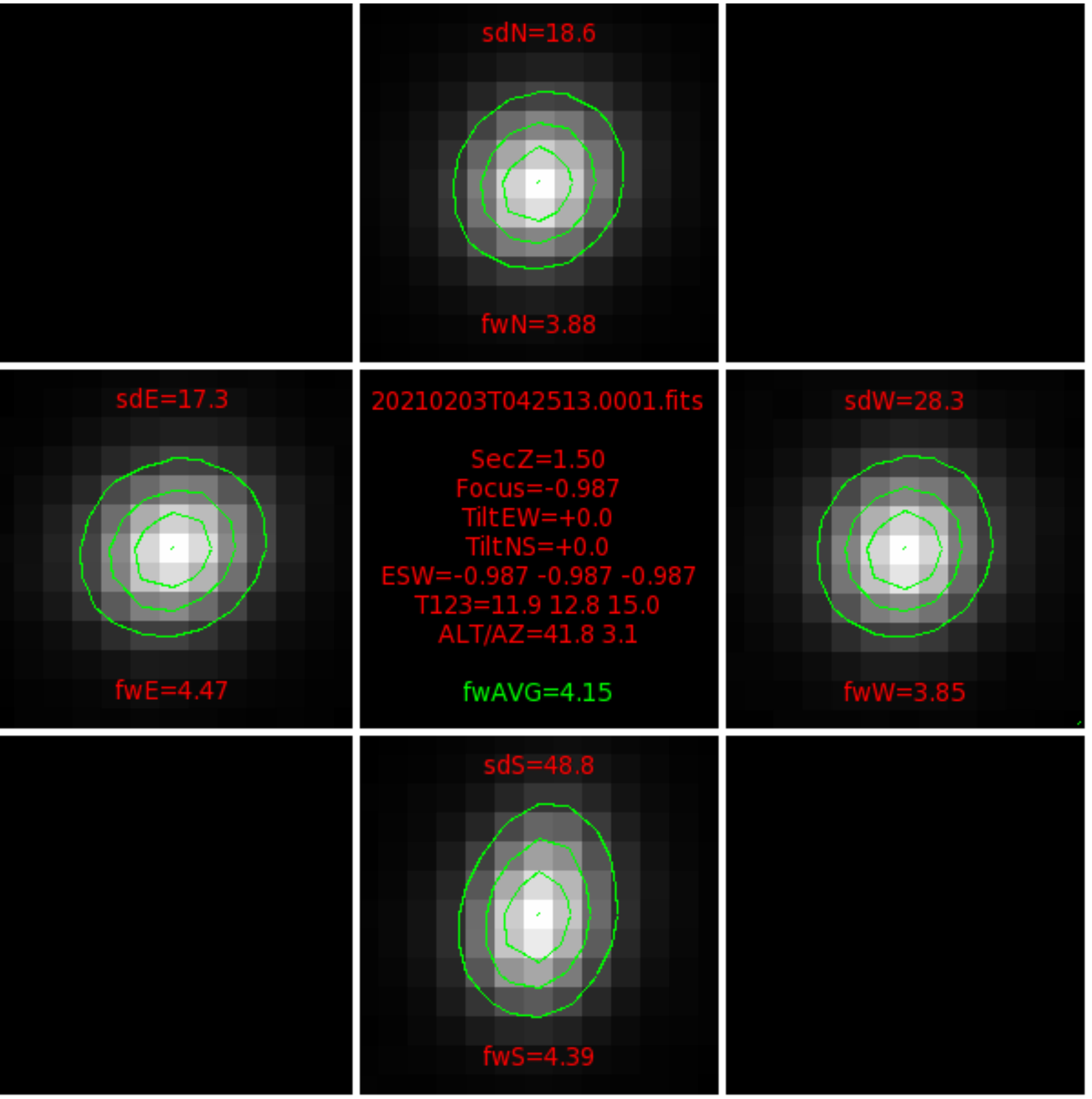
sdN=18.6
fwN=3.88
sdE=17.3
fwE=4.47
20210203T042513.0001.fits
SecZ=1.50
Focus=-0.987
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.987 -0.987 -0.987
T123=11.9 12.8 15.0
ALT/AZ=41.8 3.1
fwAVG=4.15
sdW=28.3
fwW=3.85
sdS=48.8
fwS=4.39
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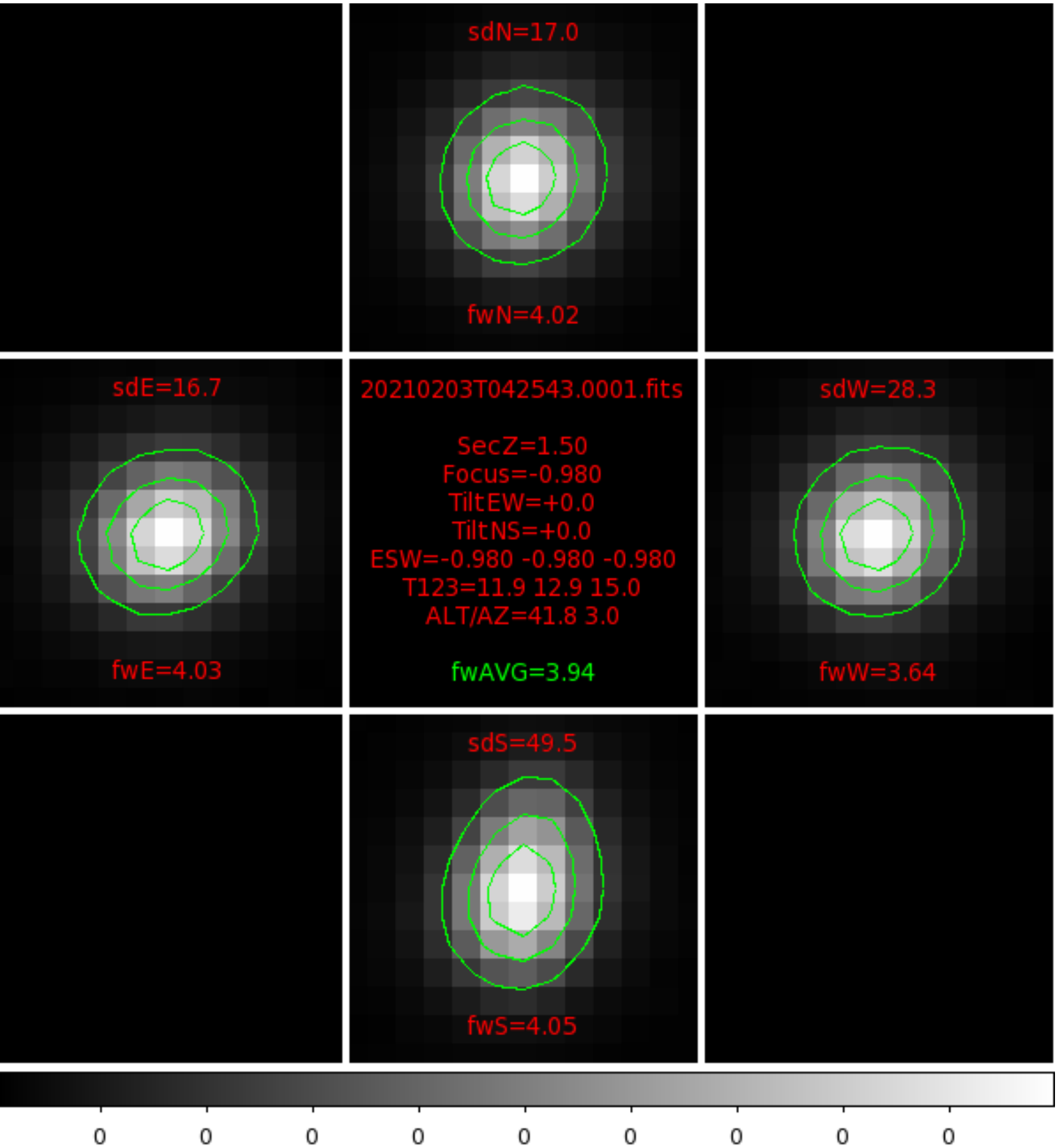
sdN=17.0
fwN=4.02
sdE=16.7
fwE=4.03
20210203T042543.0001.fits
SecZ=1.50
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=11.9 12.9 15.0
ALT/AZ=41.8 3.0
fwAVG=3.94
sdW=28.3
fwW=3.64
sdS=49.5
fwS=4.05
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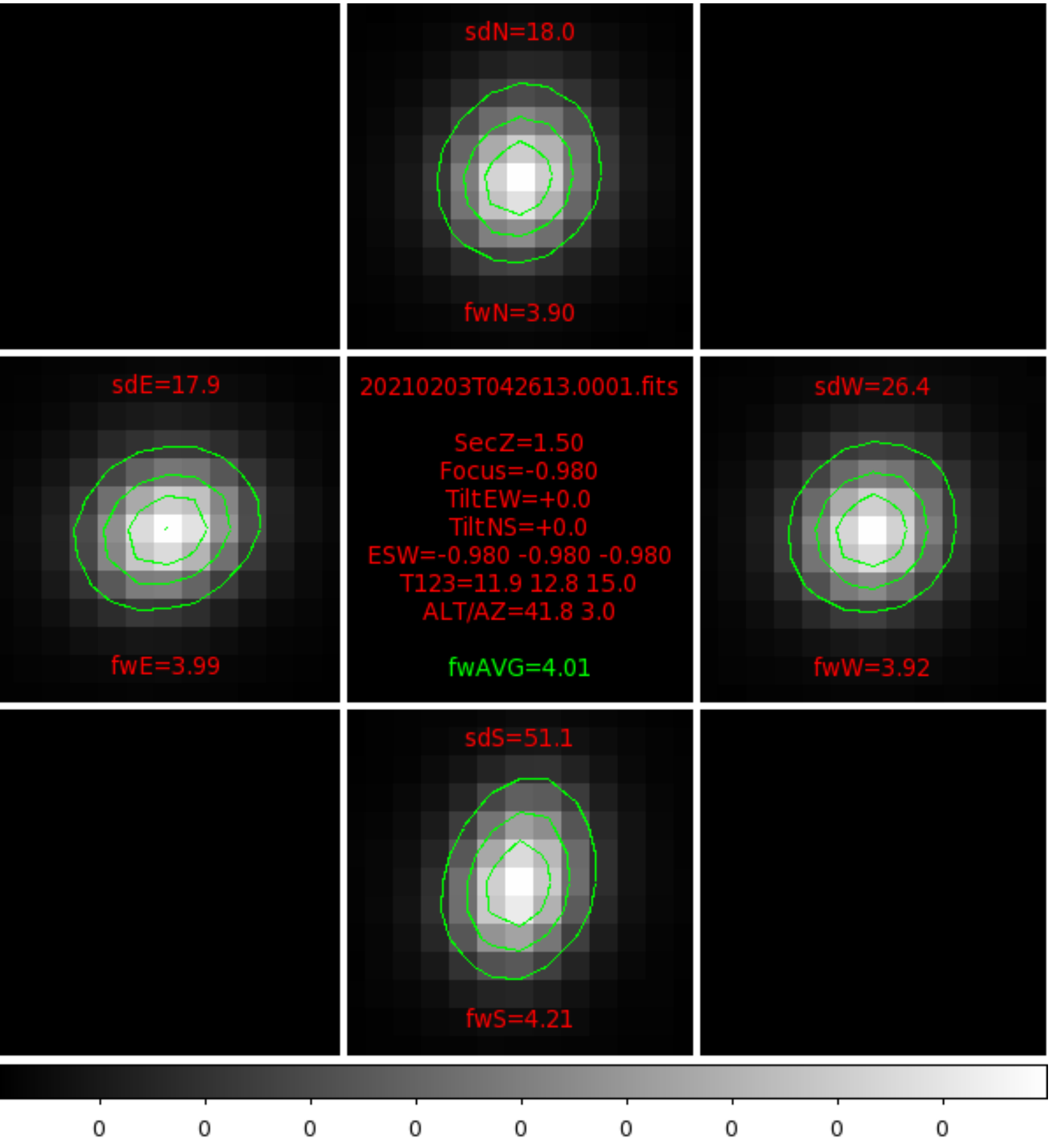
sdN=18.0
fwN=3.90
sdE=17.9
fwE=3.99
20210203T042613.0001.fits
SecZ=1.50
Focus=-0.980
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.980 -0.980 -0.980
T123=11.9 12.8 15.0
ALT/AZ=41.8 3.0
fwAVG=4.01
sdW=26.4
fwW=3.92
sdS=51.1
fwS=4.21
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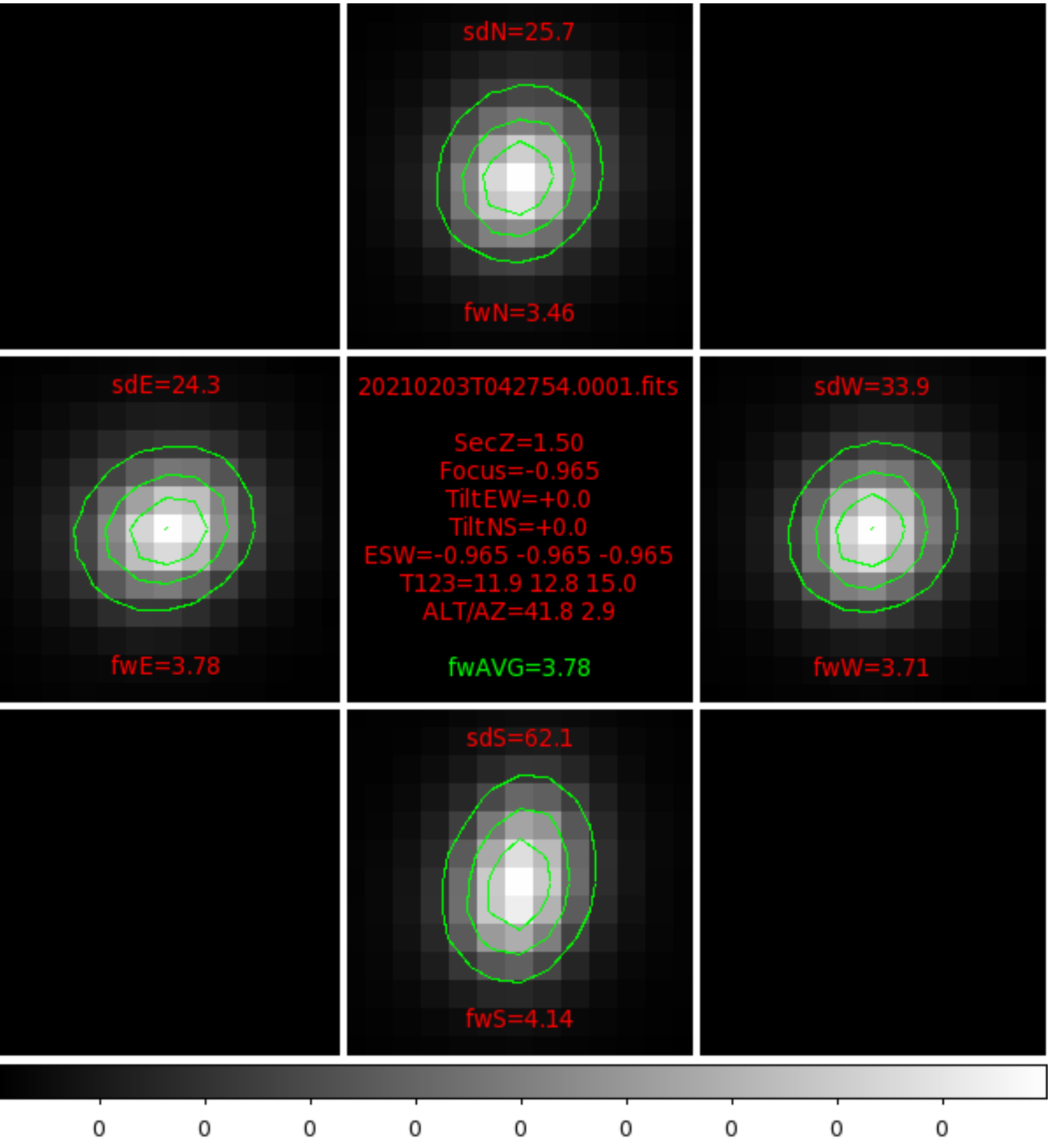
sdN=25.7
fwN=3.46
sdE=24.3
fwE=3.78
20210203T042754.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.8 2.9
fwAVG=3.78
sdW=33.9
fwW=3.71
sdS=62.1
fwS=4.14
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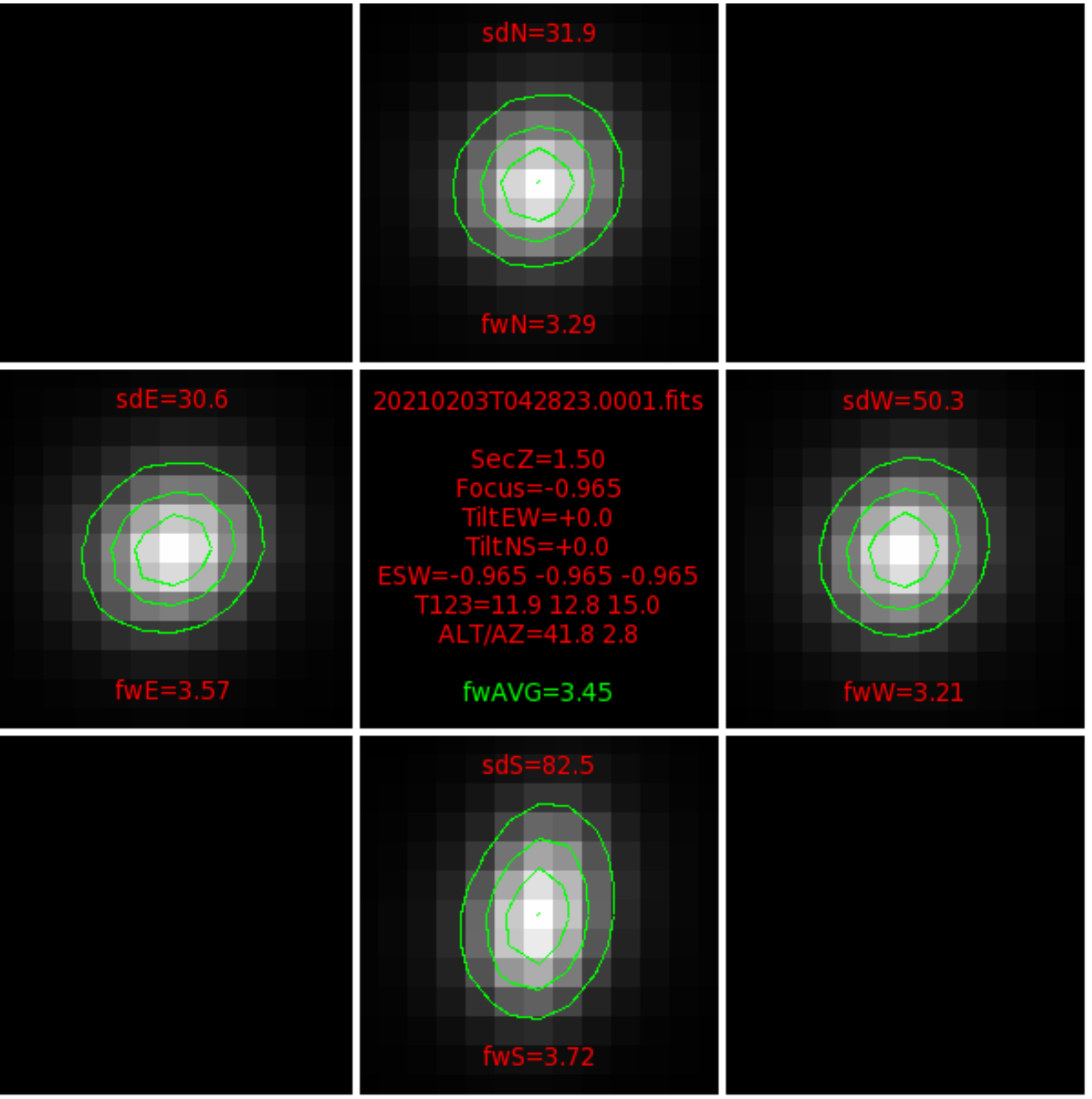
sdN=31.9
fwN=3.29
sdE=30.6
fwE=3.57
20210203T042823.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.8 2.8
fwAVG=3.45
sdW=50.3
fwW=3.21
sdS=82.5
fwS=3.72
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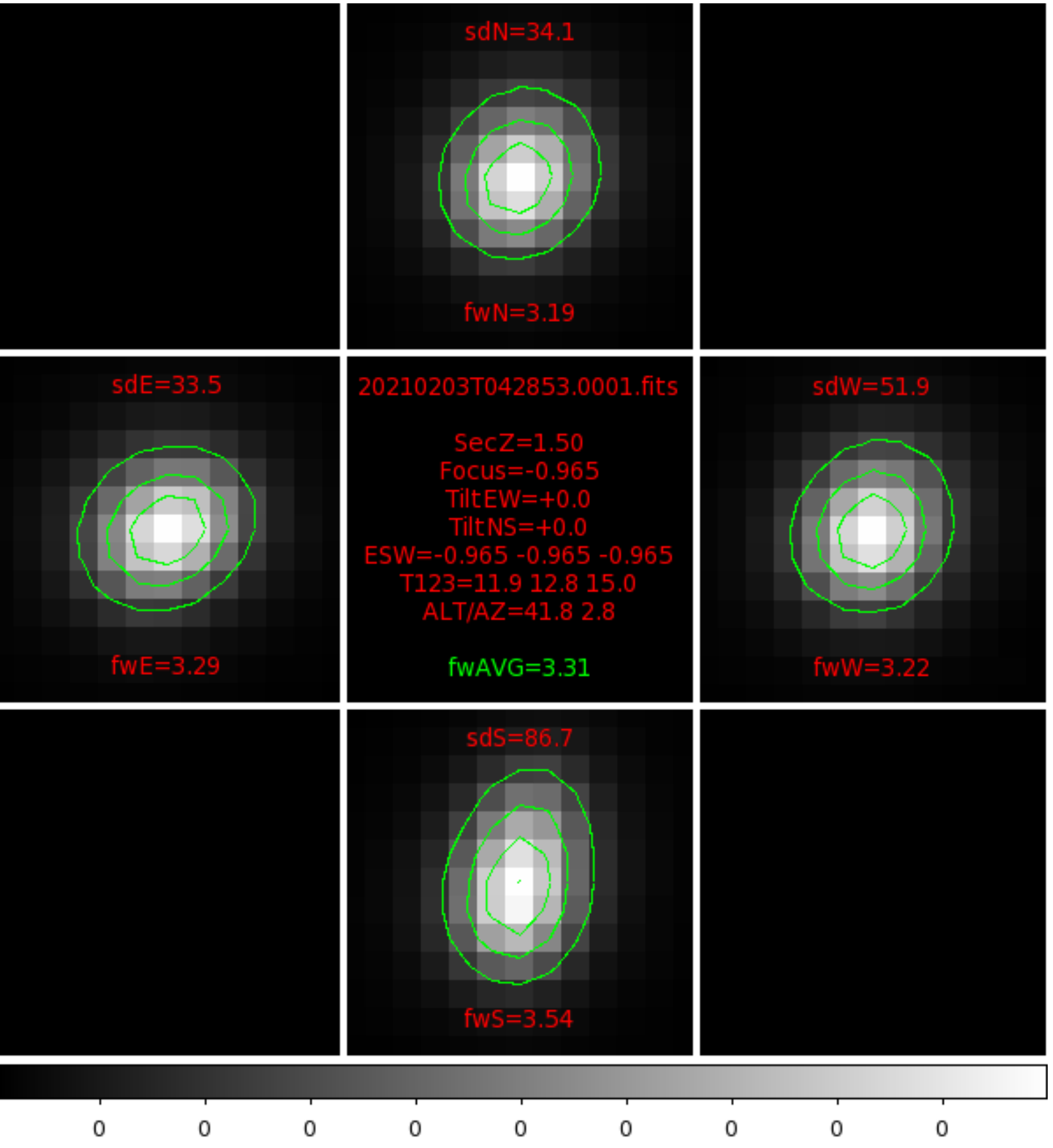
sdN=34.1
fwN=3.19
sdE=33.5
fwE=3.29
20210203T042853.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.8 2.8
fwAVG=3.31
sdW=51.9
fwW=3.22
sdS=86.7
fwS=3.54
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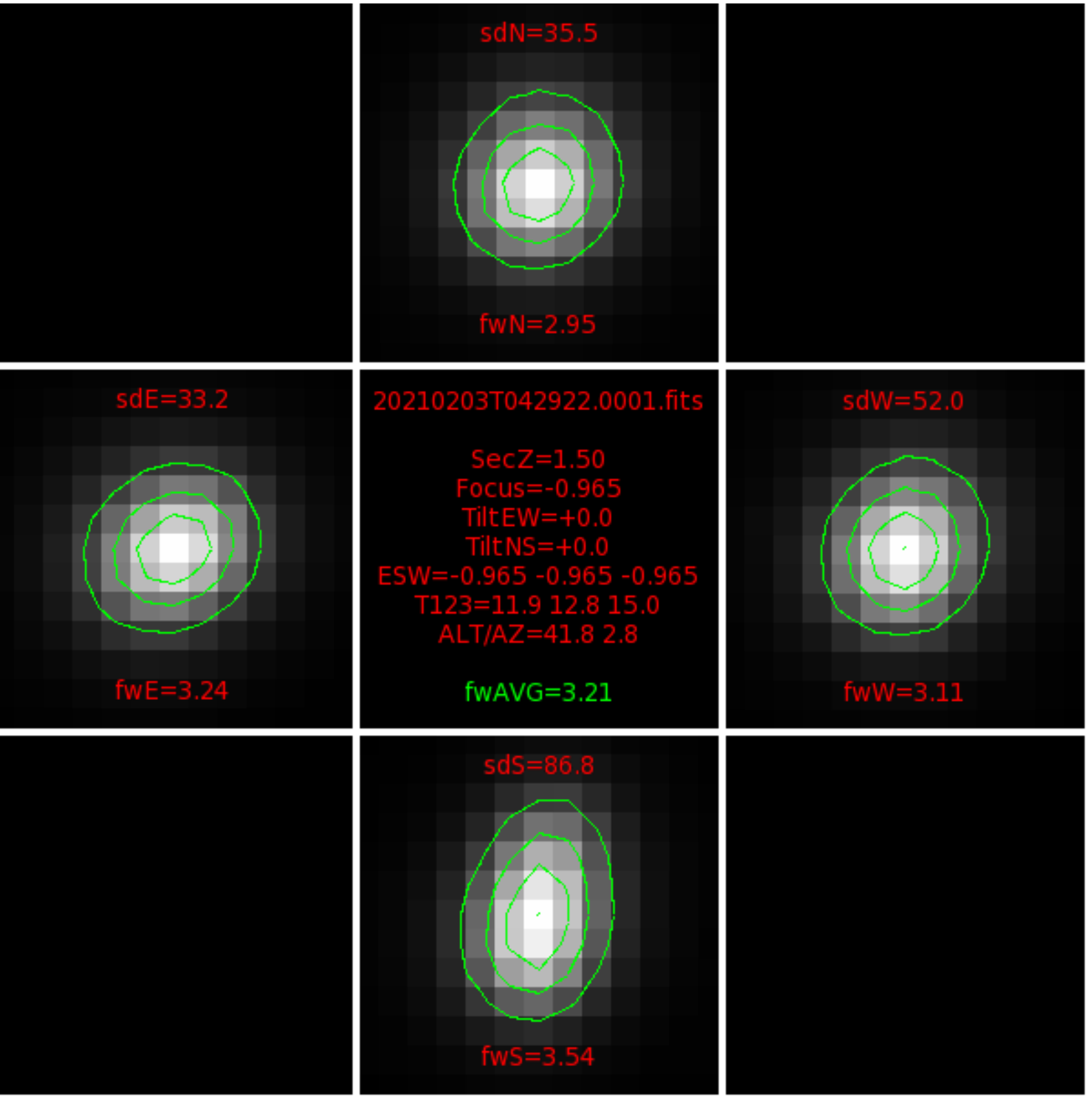
sdN=35.5
fwN=2.95
sdE=33.2
fwE=3.24
20210203T042922.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.8 2.8
fwAVG=3.21
sdW=52.0
fwW=3.11
sdS=86.8
fwS=3.54
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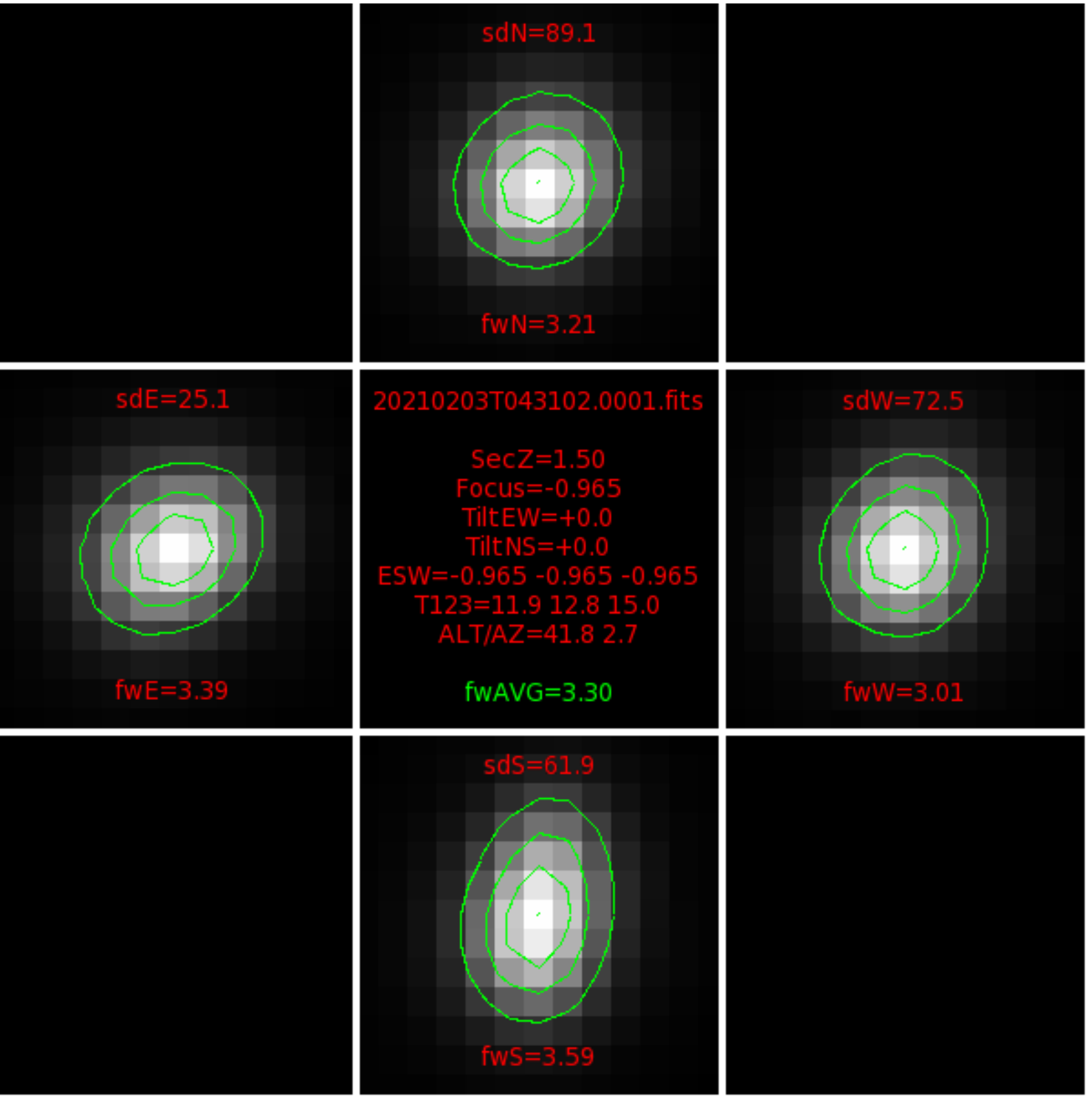
sdN=89.1
fwN=3.21
sdE=25.1
fwE=3.39
20210203T043102.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.8 2.7
fwAVG=3.30
sdW=72.5
fwW=3.01
sdS=61.9
fwS=3.59
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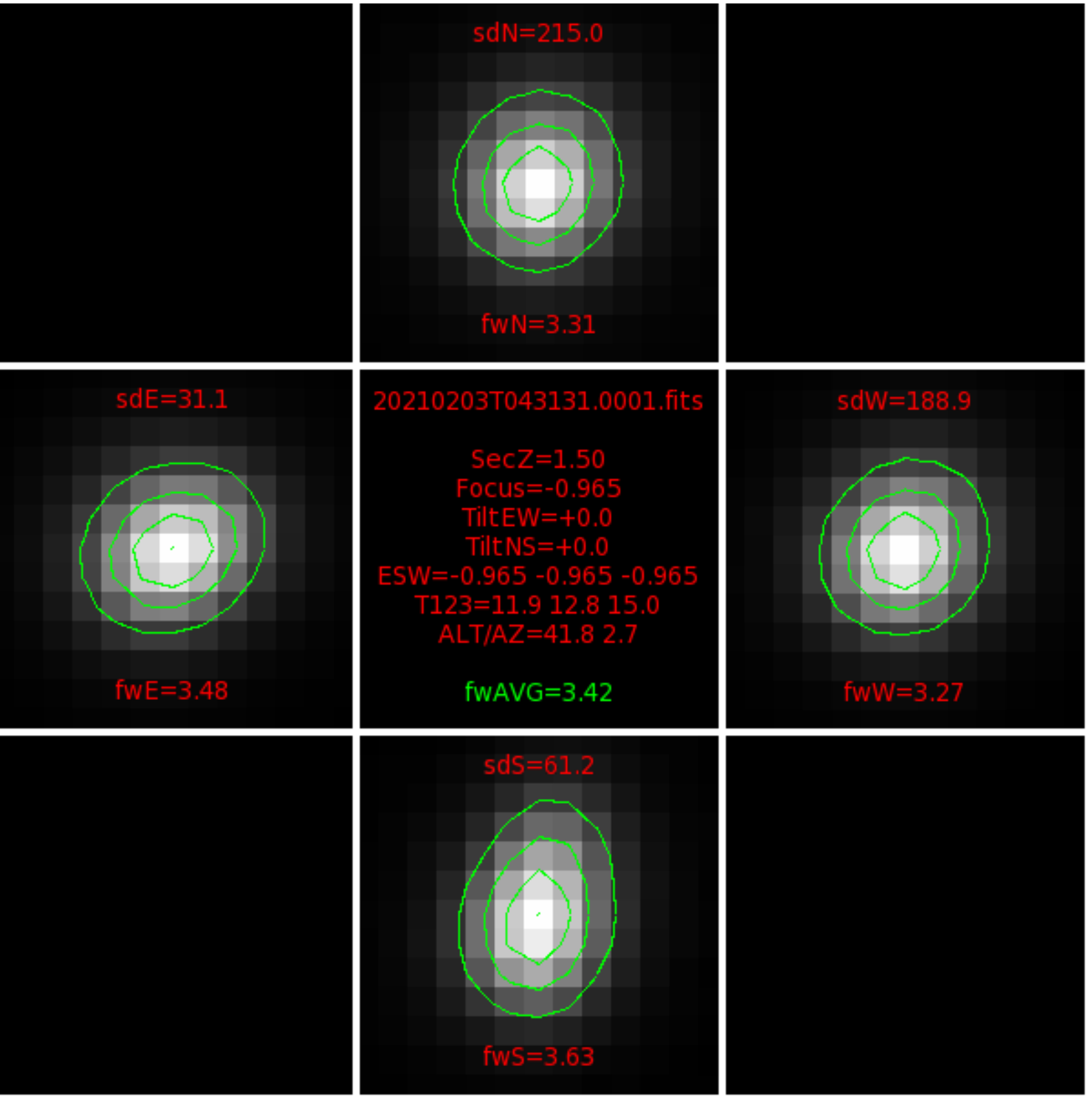
sdN=215.0
fwN=3.31
sdE=31.1
fwE=3.48
20210203T043131.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.8 2.7
fwAVG=3.42
sdW=188.9
fwW=3.27
sdS=61.2
fwS=3.63
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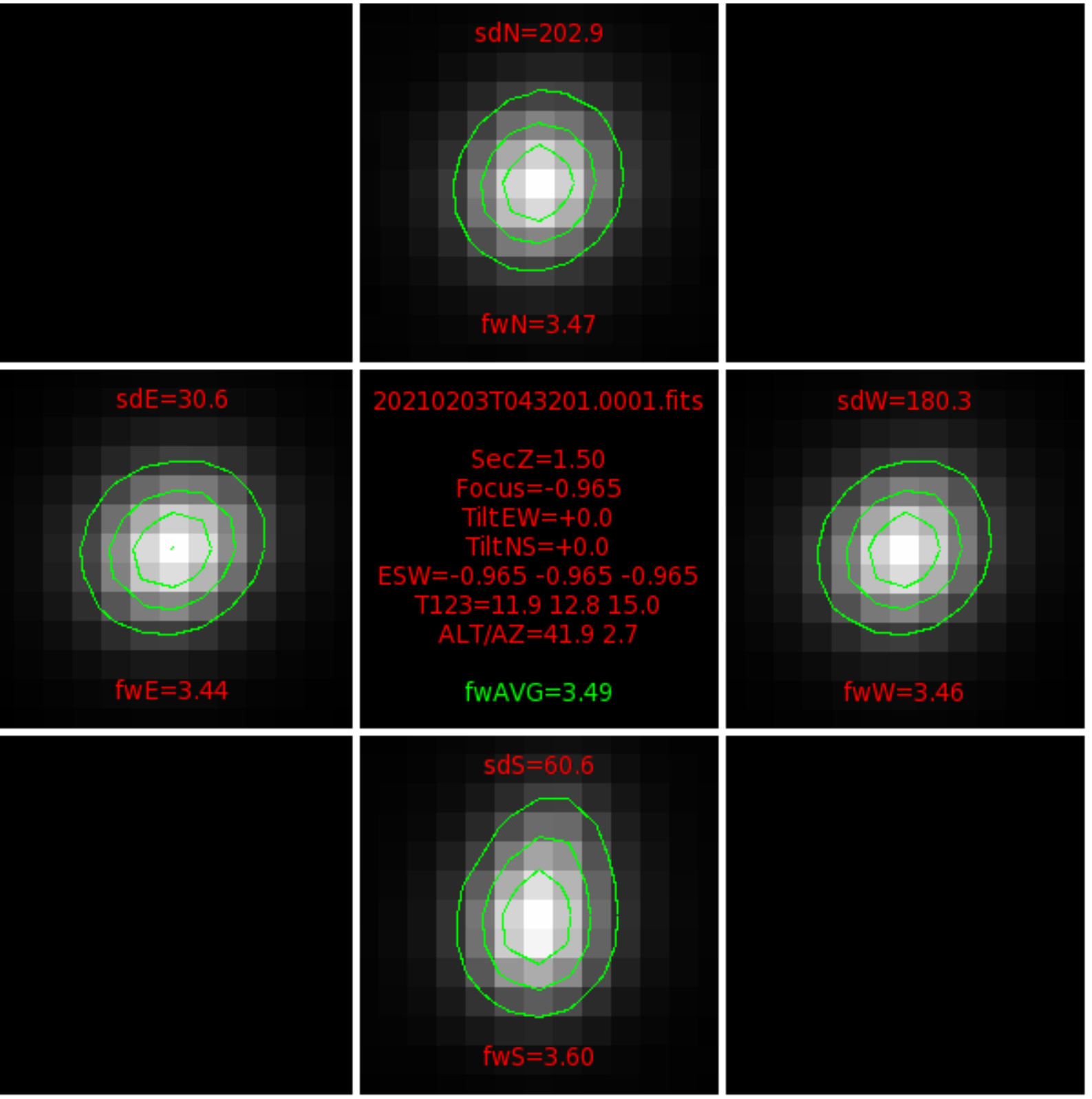
sdN=202.9
fwN=3.47
sdE=30.6
fwE=3.44
20210203T043201.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.9 2.7
fwAVG=3.49
sdW=180.3
fwW=3.46
sdS=60.6
fwS=3.60
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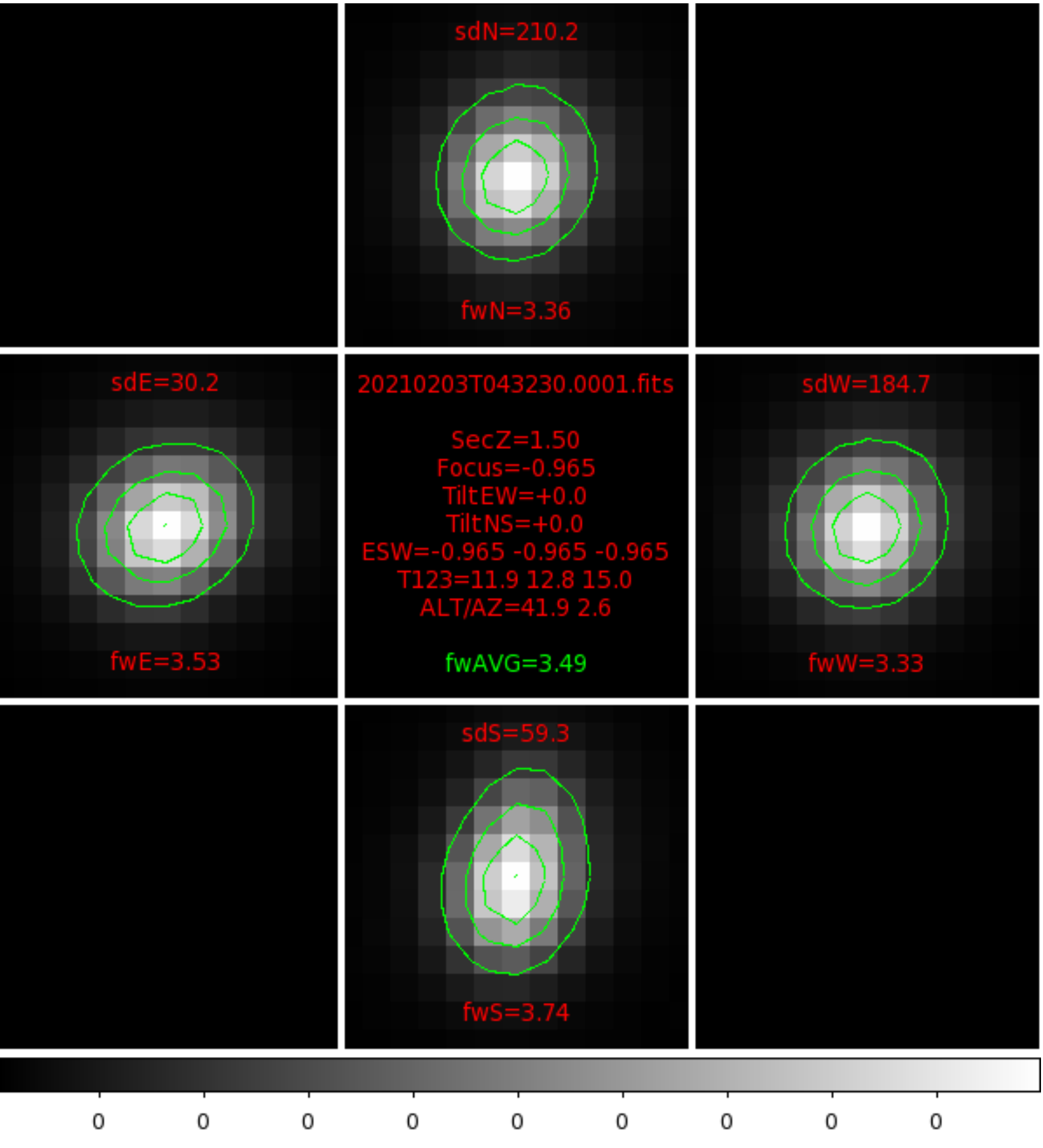
sdN=210.2
fwN=3.36
sdE=30.2
fwE=3.53
20210203T043230.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.9 2.6
fwAVG=3.49
sdW=184.7
fwW=3.33
sdS=59.3
fwS=3.74
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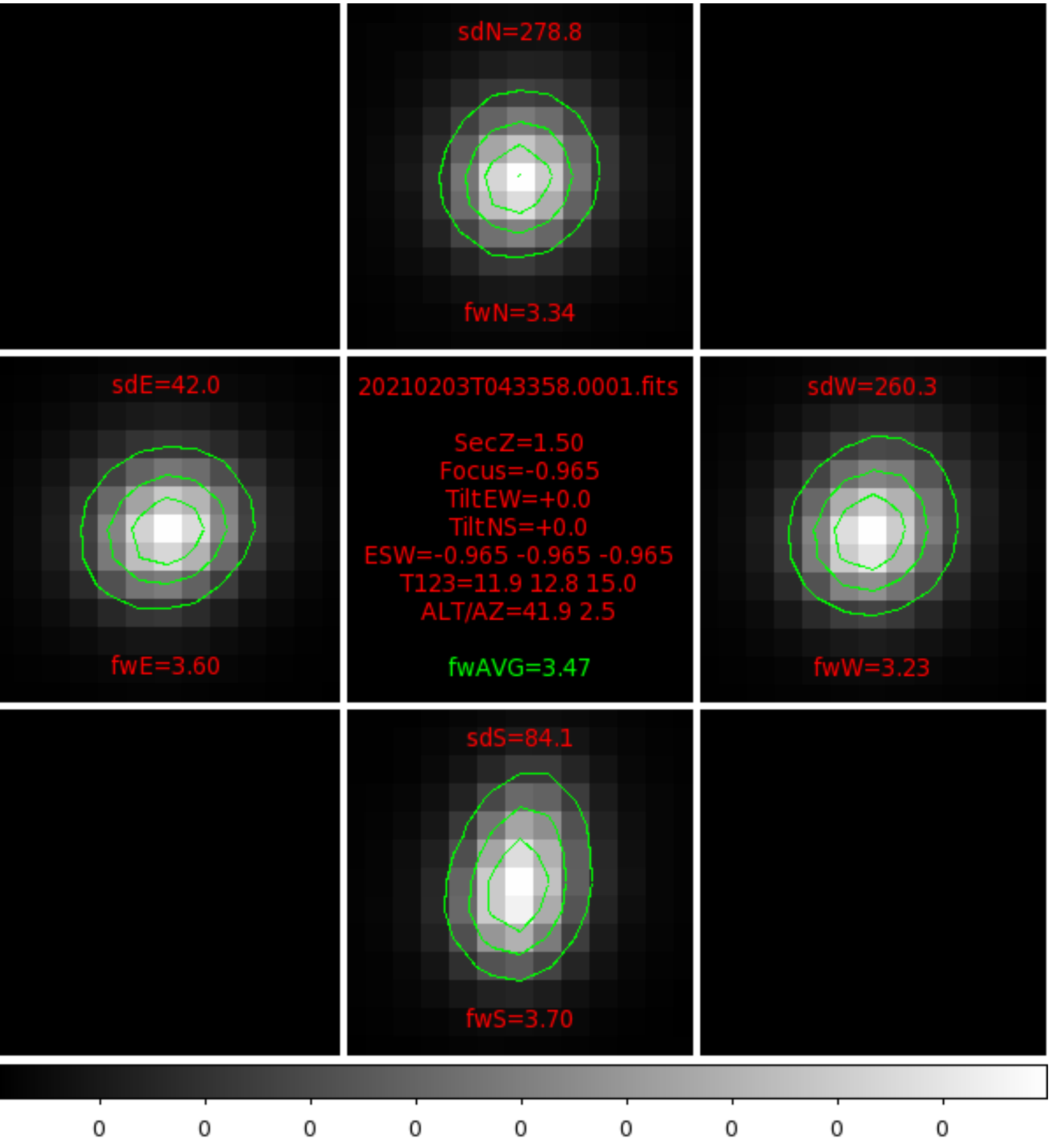
sdN=278.8
fwN=3.34
sdE=42.0
fwE=3.60
20210203T043358.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.9 2.5
fwAVG=3.47
sdW=260.3
fwW=3.23
sdS=84.1
fwS=3.70
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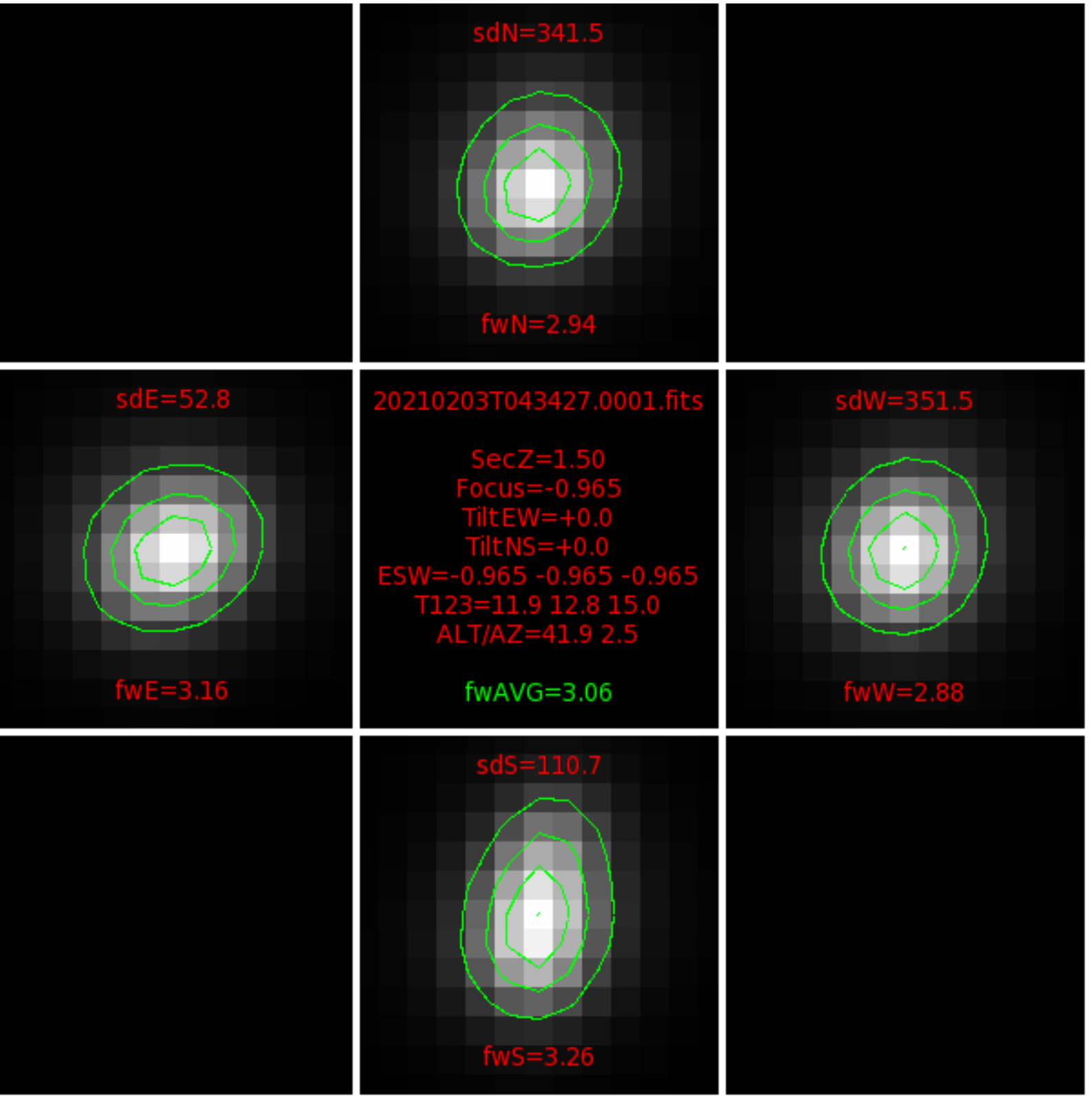
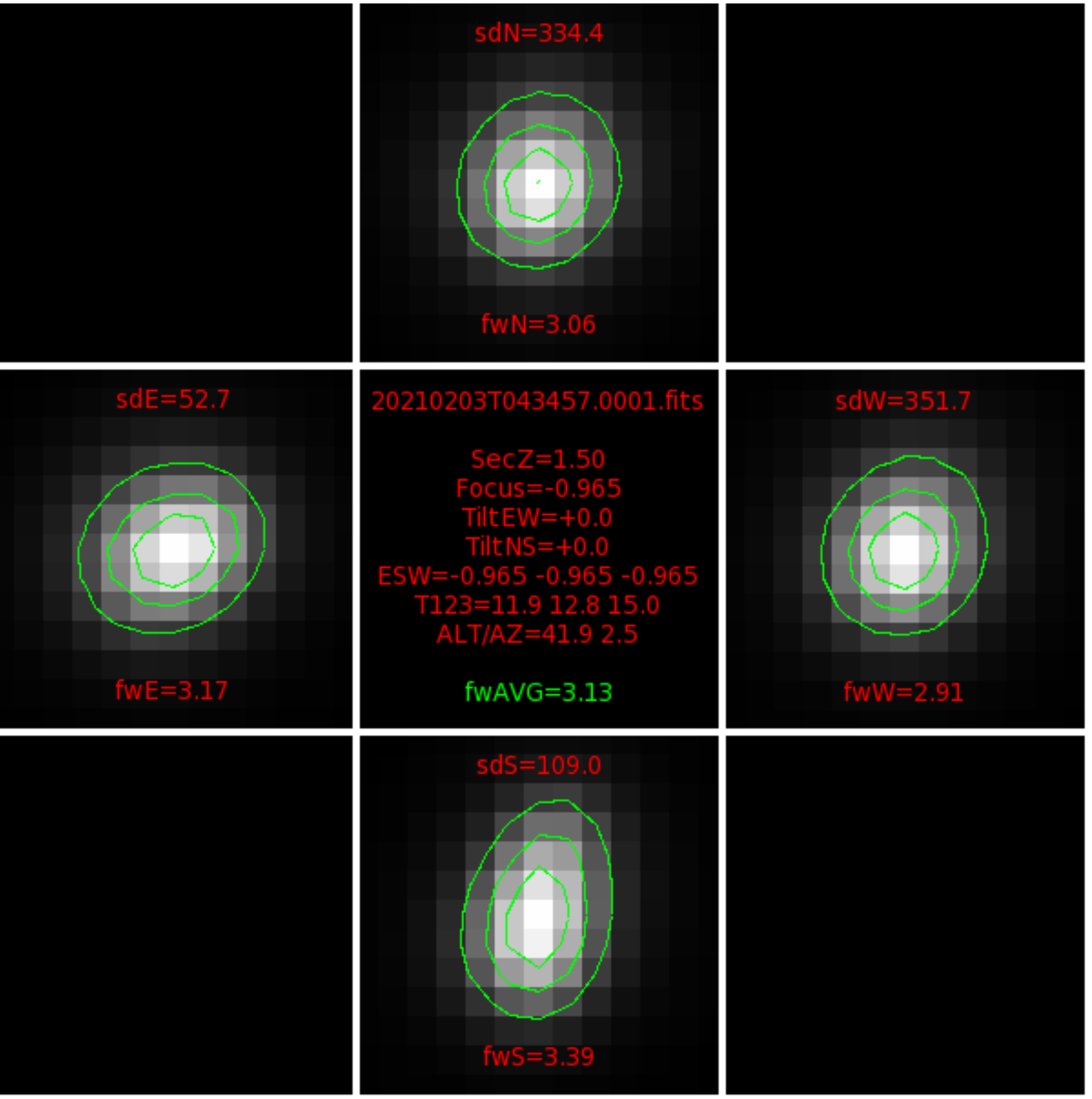

sdN=341.5
fwN=2.94
sdE=52.8
fwE=3.16
20210203T043427.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.9 2.5
fwAVG=3.06
sdW=351.5
fwW=2.88
sdS=110.7
fwS=3.26
0 0 0 0 0 0 0 0 0


sdN=334.4
fwN=3.06
sdE=52.7
fwE=3.17
20210203T043457.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.9 2.5
fwAVG=3.13
sdW=351.7
fwW=2.91
sdS=109.0
fwS=3.39
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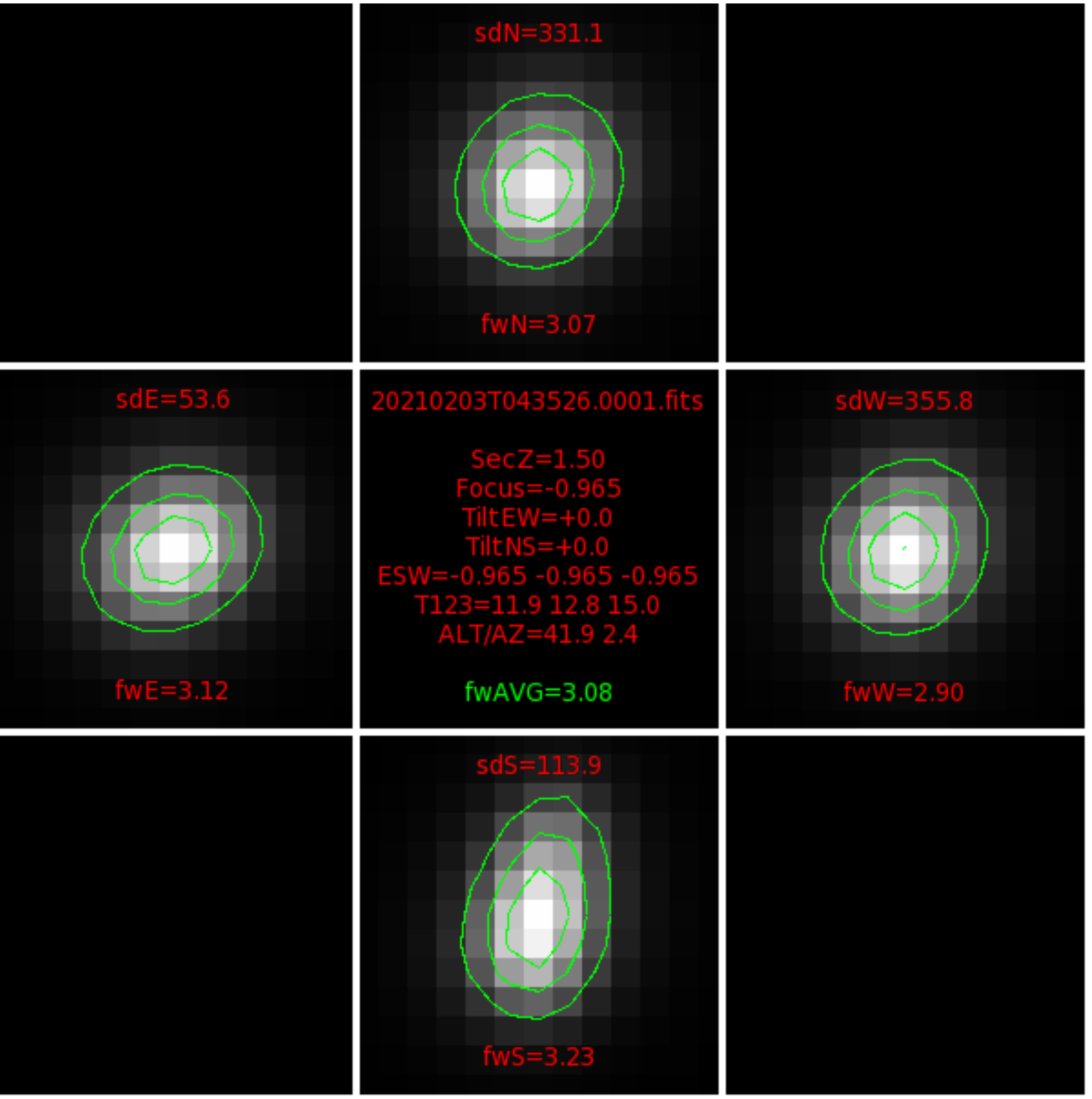
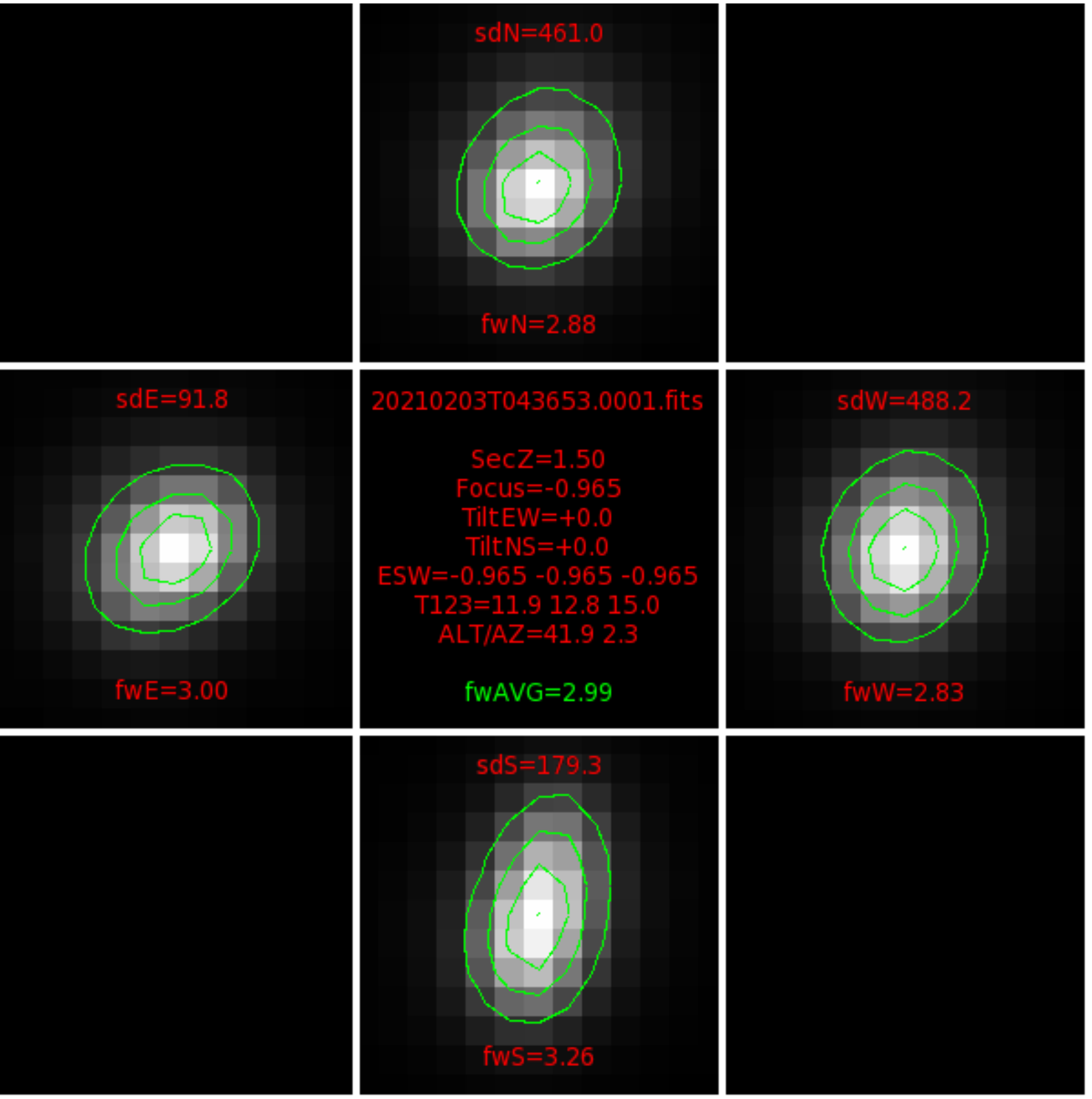
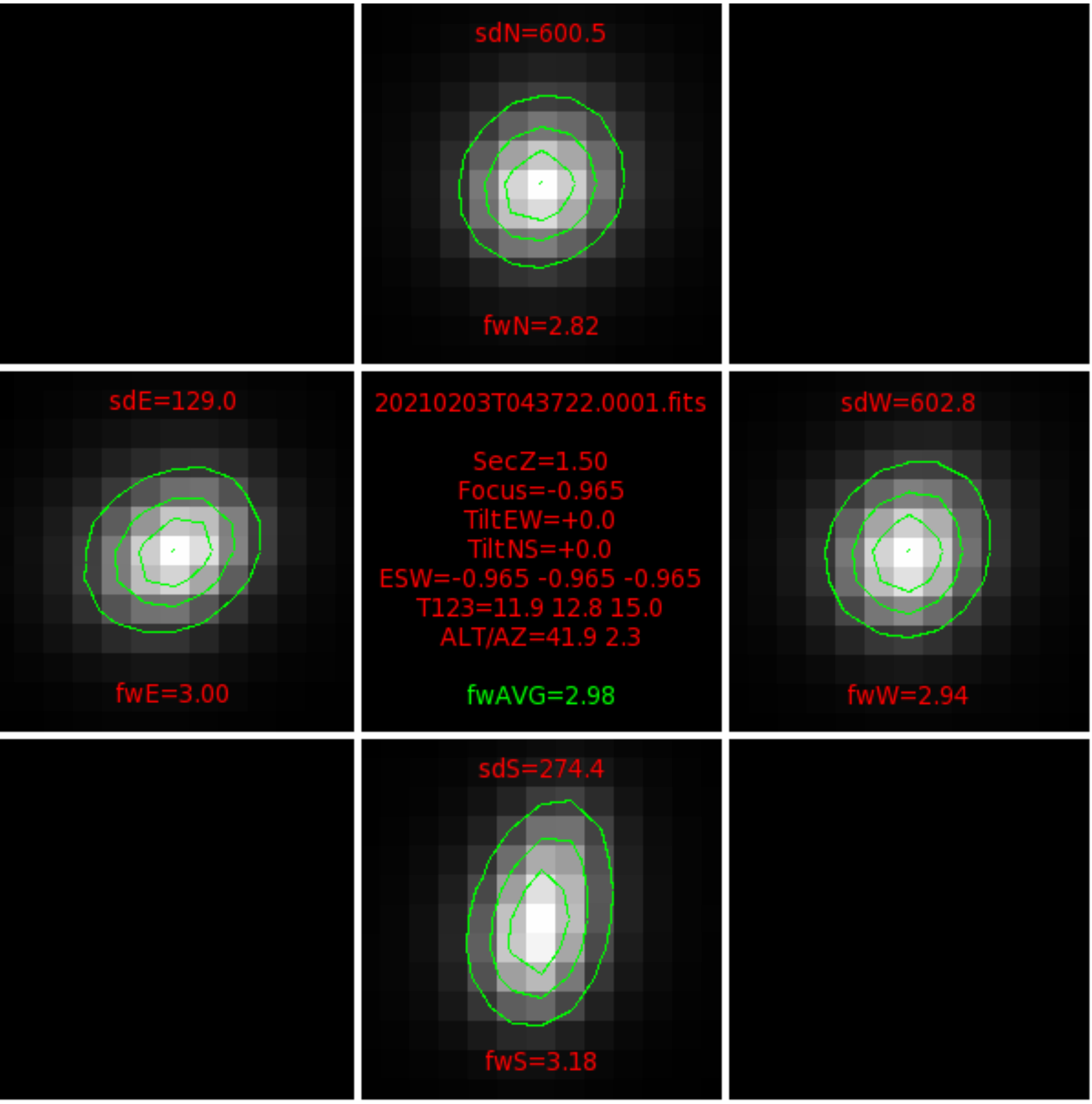

sdN=331.1
fwN=3.07
sdE=53.6
fwE=3.12
20210203T043526.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.9 2.4
fwAVG=3.08
sdW=355.8
fwW=2.90
sdS=113.9
fwS=3.23
0 0 0 0 0 0 0 0 0


sdN=461.0
fwN=2.88
sdE=91.8
fwE=3.00
20210203T043653.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.9 2.3
fwAVG=2.99
sdW=488.2
fwW=2.83
sdS=179.3
fwS=3.26
0 0 0 0 0 0 0 0 0


sdN=600.5
fwN=2.82
sdE=129.0
fwE=3.00
20210203T043722.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.9 2.3
fwAVG=2.98
sdW=602.8
fwW=2.94
sdS=274.4
fwS=3.18
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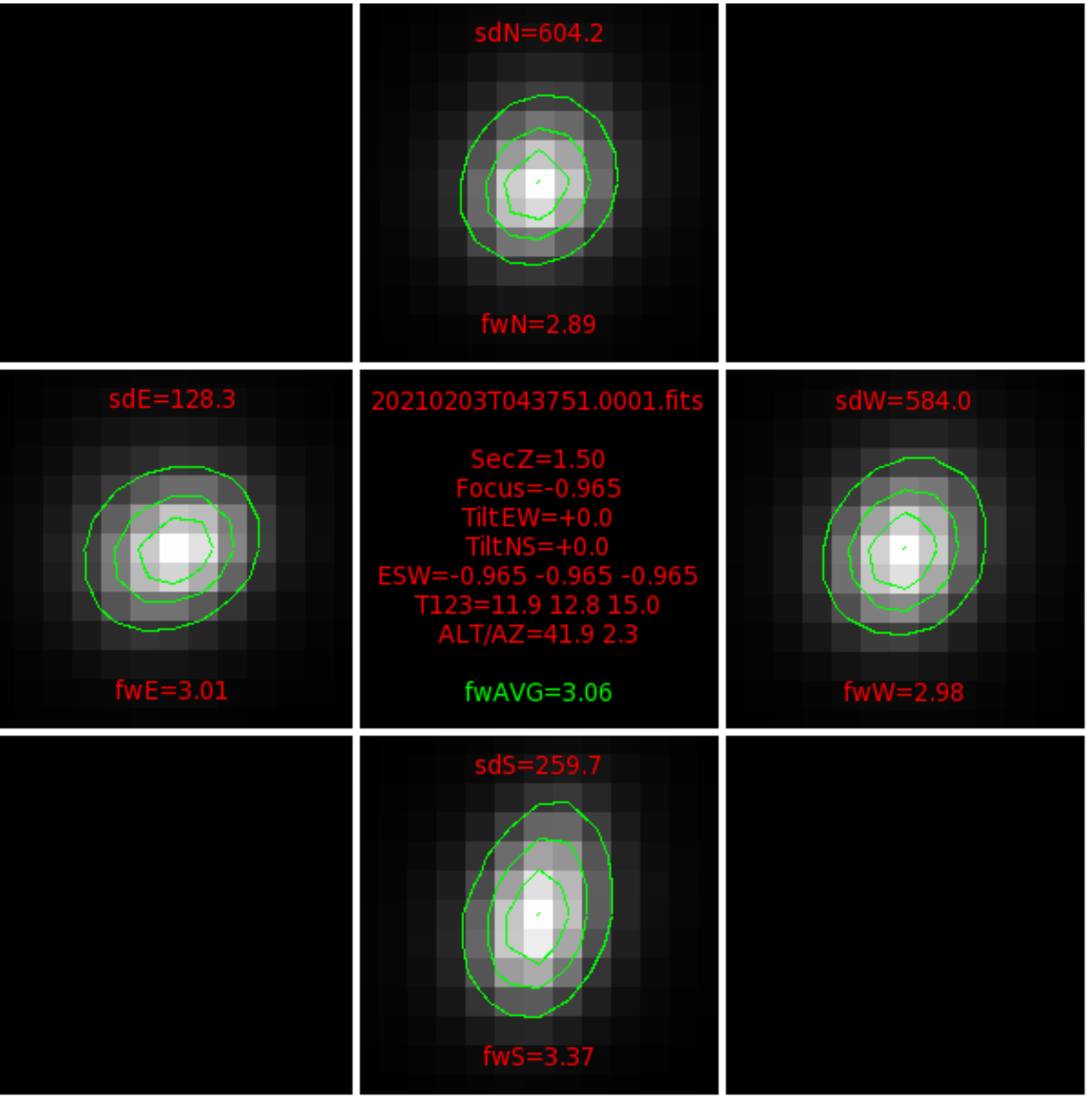
sdN=604.2
fwN=2.89
sdE=128.3
fwE=3.01
20210203T043751.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.9 2.3
fwAVG=3.06
sdW=584.0
fwW=2.98
sdS=259.7
fwS=3.37
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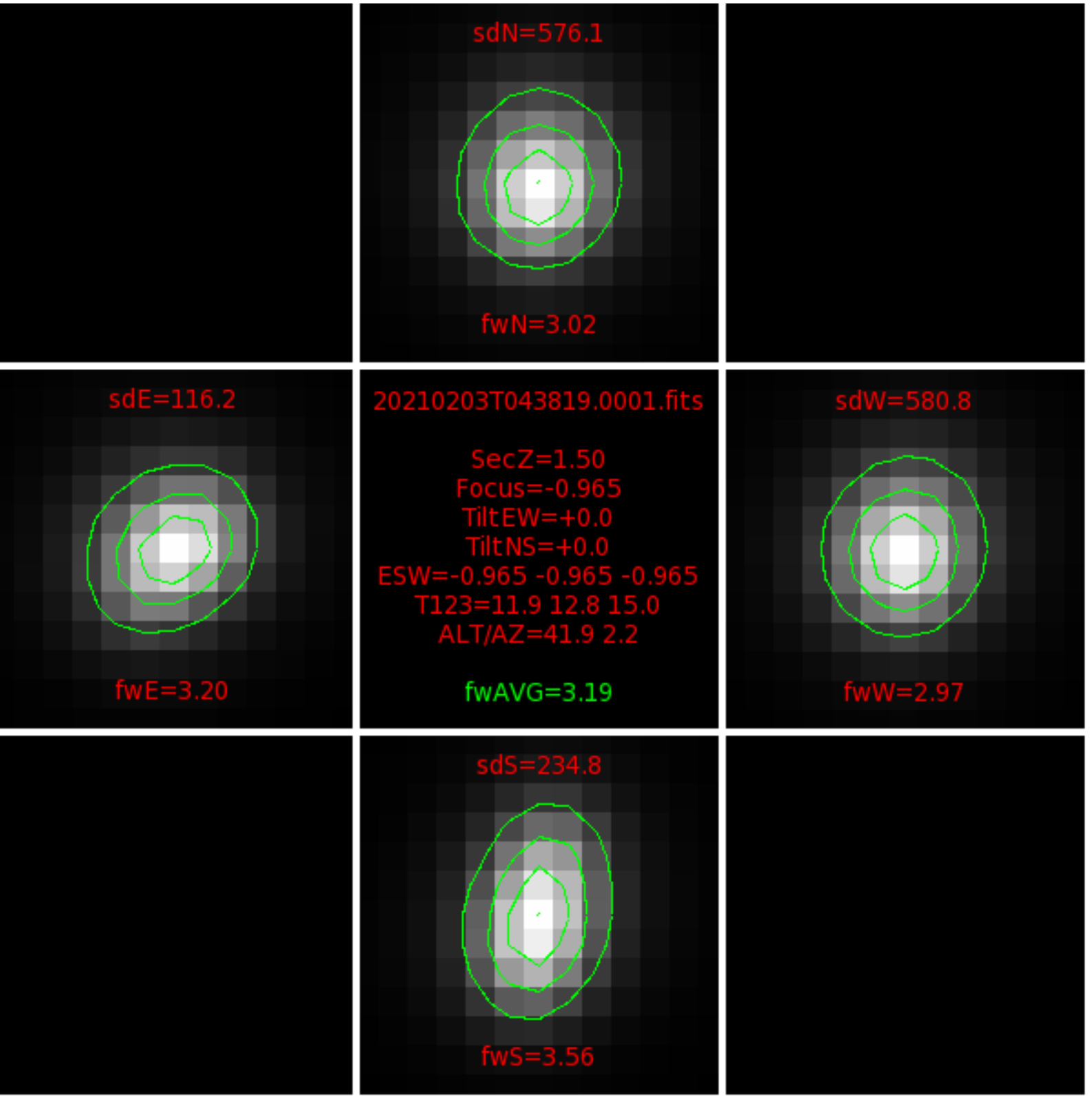
sdN=576.1
fwN=3.02
sdE=116.2
fwE=3.20
20210203T043819.0001.fits
SecZ=1.50
Focus=-0.965
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.965 -0.965 -0.965
T123=11.9 12.8 15.0
ALT/AZ=41.9 2.2
fwAVG=3.19
sdW=580.8
fwW=2.97
sdS=234.8
fwS=3.56
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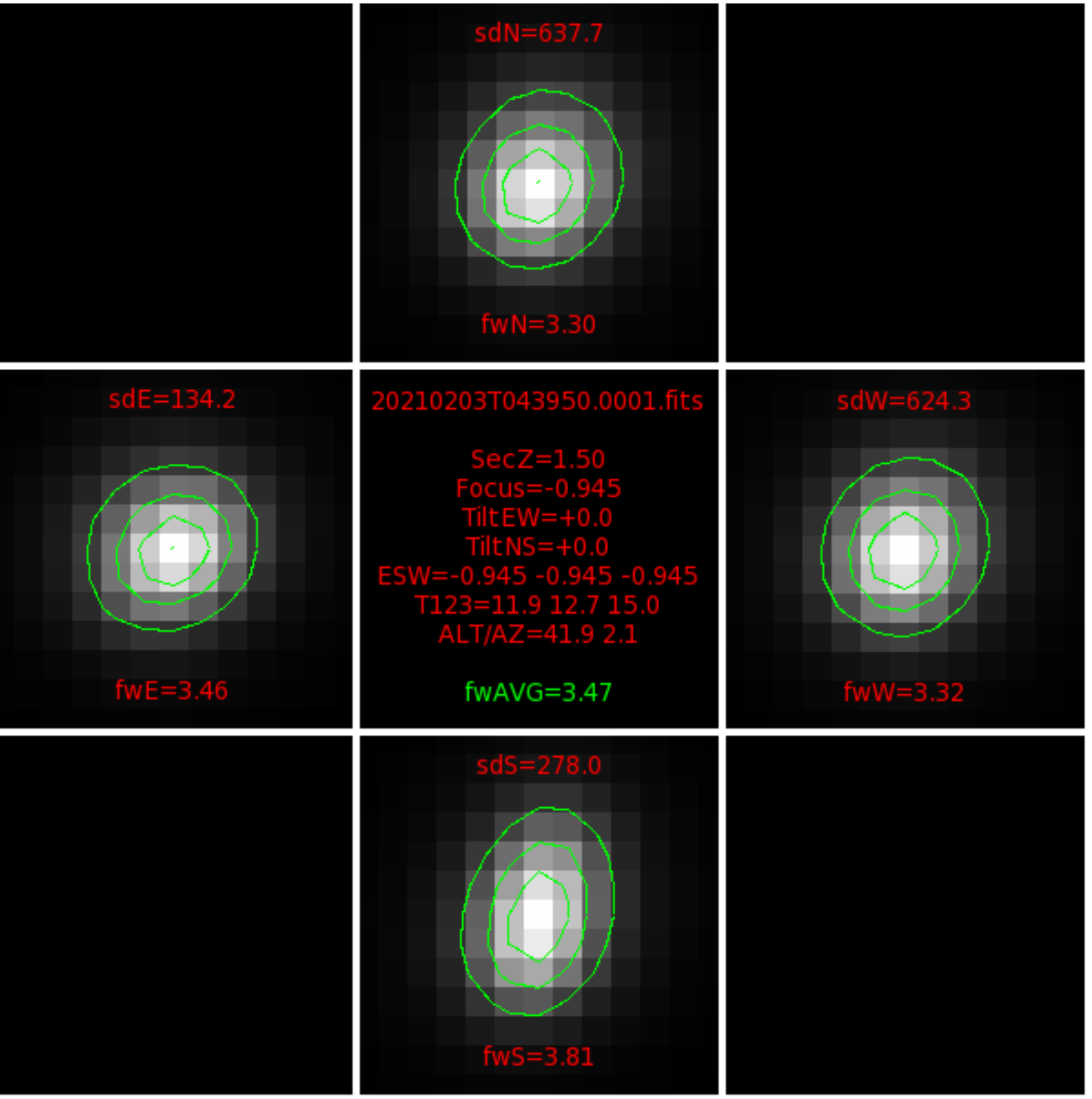
sdN=637.7
fwN=3.30
sdE=134.2
fwE=3.46
20210203T043950.0001.fits
SecZ=1.50
Focus=-0.945
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.945 -0.945 -0.945
T123=11.9 12.7 15.0
ALT/AZ=41.9 2.1
fwAVG=3.47
sdW=624.3
fwW=3.32
sdS=278.0
fwS=3.81
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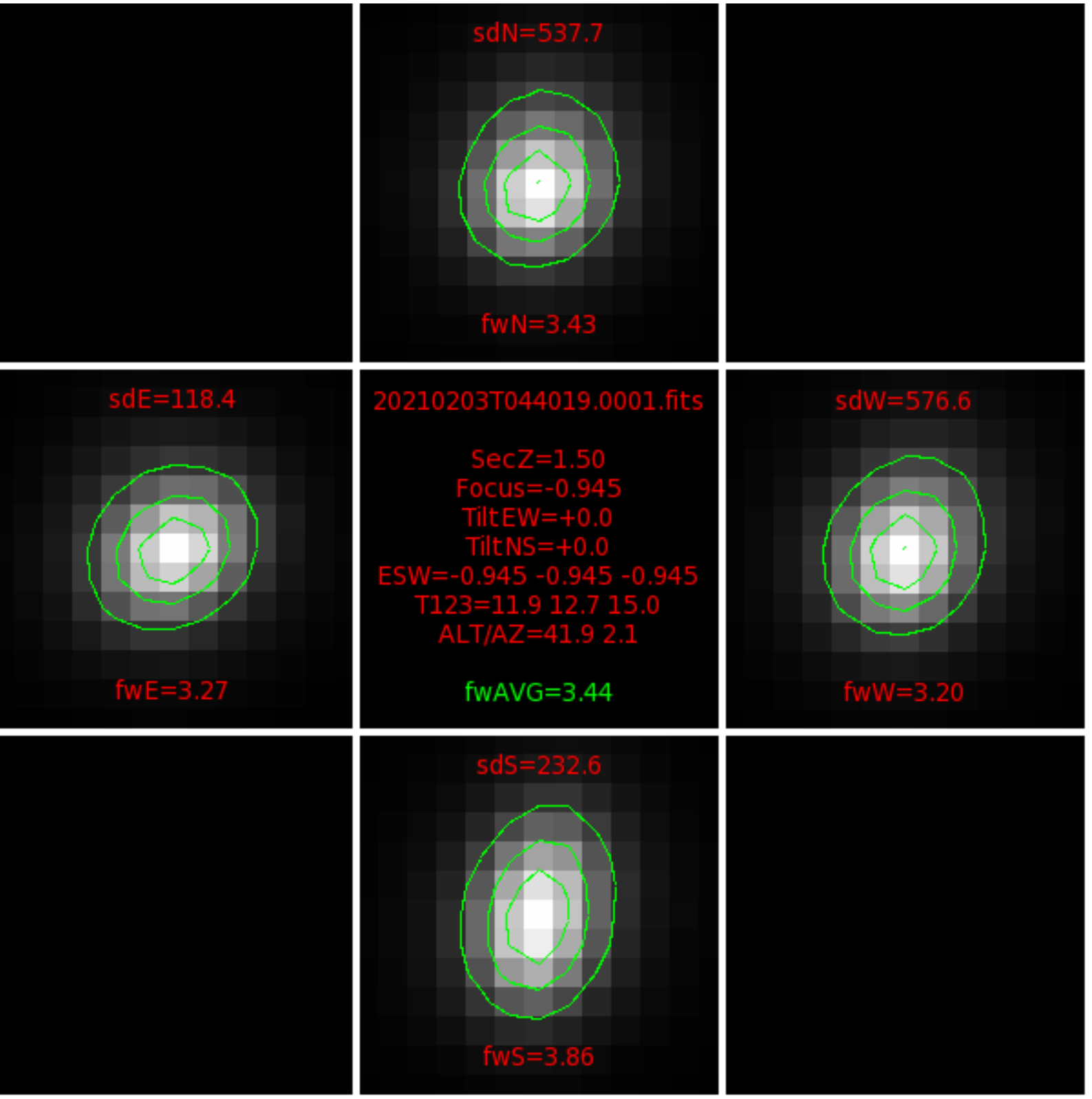
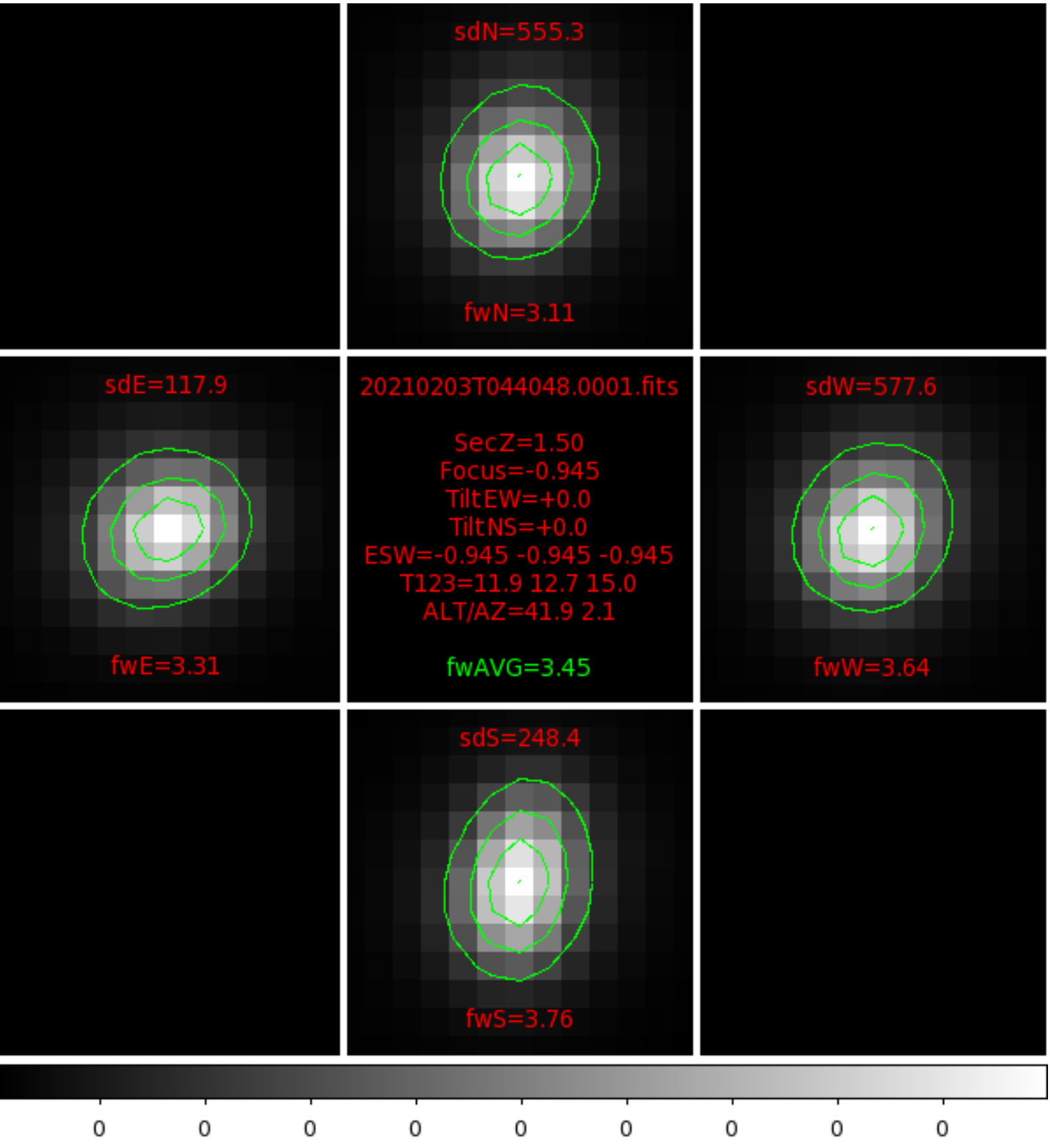

sdN=537.7
fwN=3.43
sdE=118.4
fwE=3.27
20210203T044019.0001.fits
SecZ=1.50
Focus=-0.945
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.945 -0.945 -0.945
T123=11.9 12.7 15.0
ALT/AZ=41.9 2.1
fwAVG=3.44
sdW=576.6
fwW=3.20
sdS=232.6
fwS=3.86
0 0 0 0 0 0 0 0 0


sdN=555.3
fwN=3.11
sdE=117.9
fwE=3.31
20210203T044048.0001.fits
SecZ=1.50
Focus=-0.945
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.945 -0.945 -0.945
T123=11.9 12.7 15.0
ALT/AZ=41.9 2.1
fwAVG=3.45
sdW=577.6
fwW=3.64
sdS=248.4
fwS=3.76
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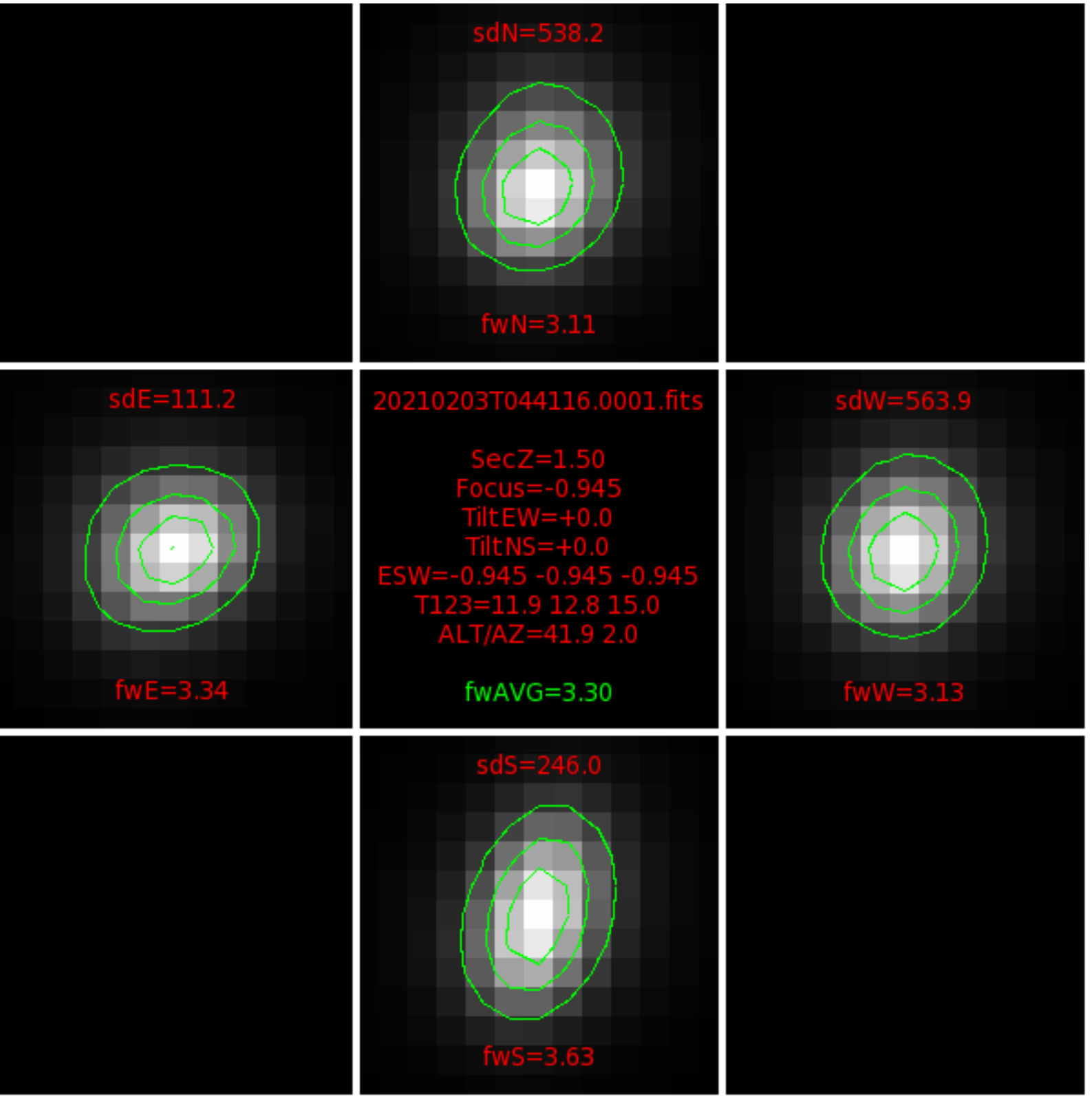
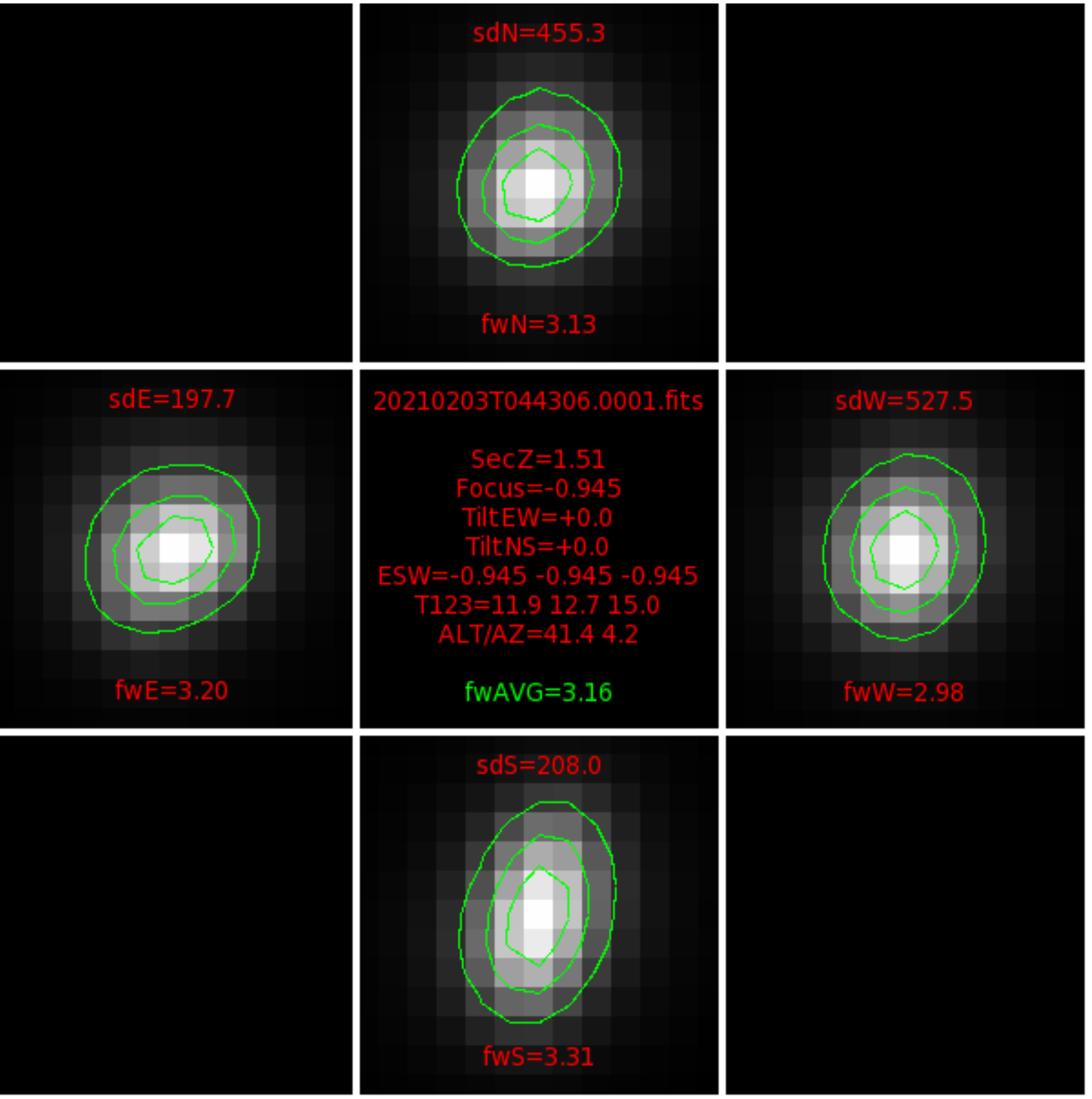
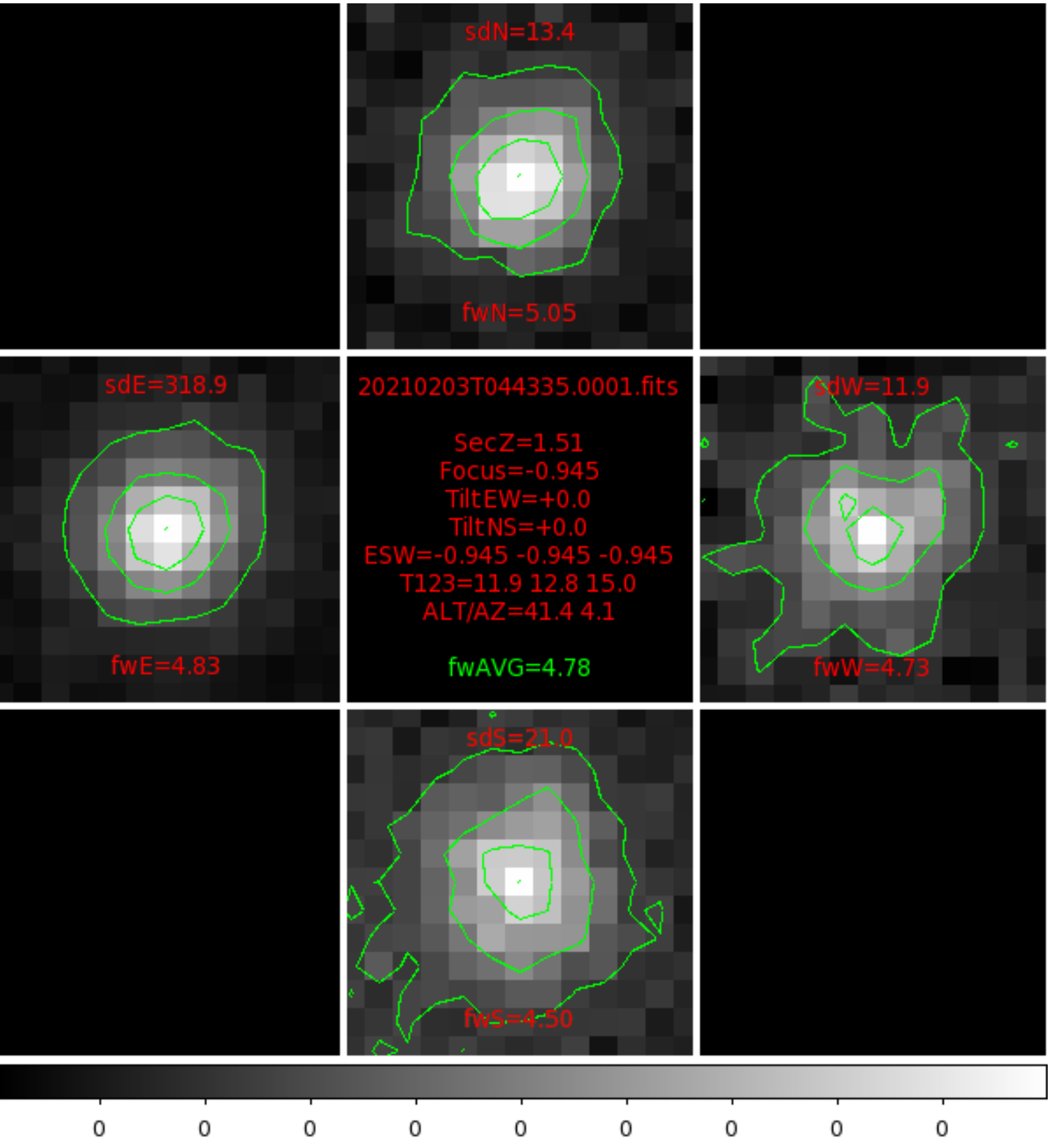

sdN=538.2
fwN=3.11
sdE=111.2
fwE=3.34
20210203T044116.0001.fits
SecZ=1.50
Focus=-0.945
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.945 -0.945 -0.945
T123=11.9 12.8 15.0
ALT/AZ=41.9 2.0
fwAVG=3.30
sdW=563.9
fwW=3.13
sdS=246.0
fwS=3.63
0 0 0 0 0 0 0 0 0


sdN=455.3
fwN=3.13
sdE=197.7
fwE=3.20
20210203T044306.0001.fits
SecZ=1.51
Focus=-0.945
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.945 -0.945 -0.945
T123=11.9 12.7 15.0
ALT/AZ=41.4 4.2
fwAVG=3.16
sdW=527.5
fwW=2.98
sdS=208.0
fwS=3.31
0 0 0 0 0 0 0 0 0


sdN=13.4
fwN=5.05
sdE=318.9
fwE=4.83
20210203T044335.0001.fits
SecZ=1.51
Focus=-0.945
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.945 -0.945 -0.945
T123=11.9 12.8 15.0
ALT/AZ=41.4 4.1
fwAVG=4.78
sdW=11.9
fwW=4.73
sdS=21.0
fwS=4.50
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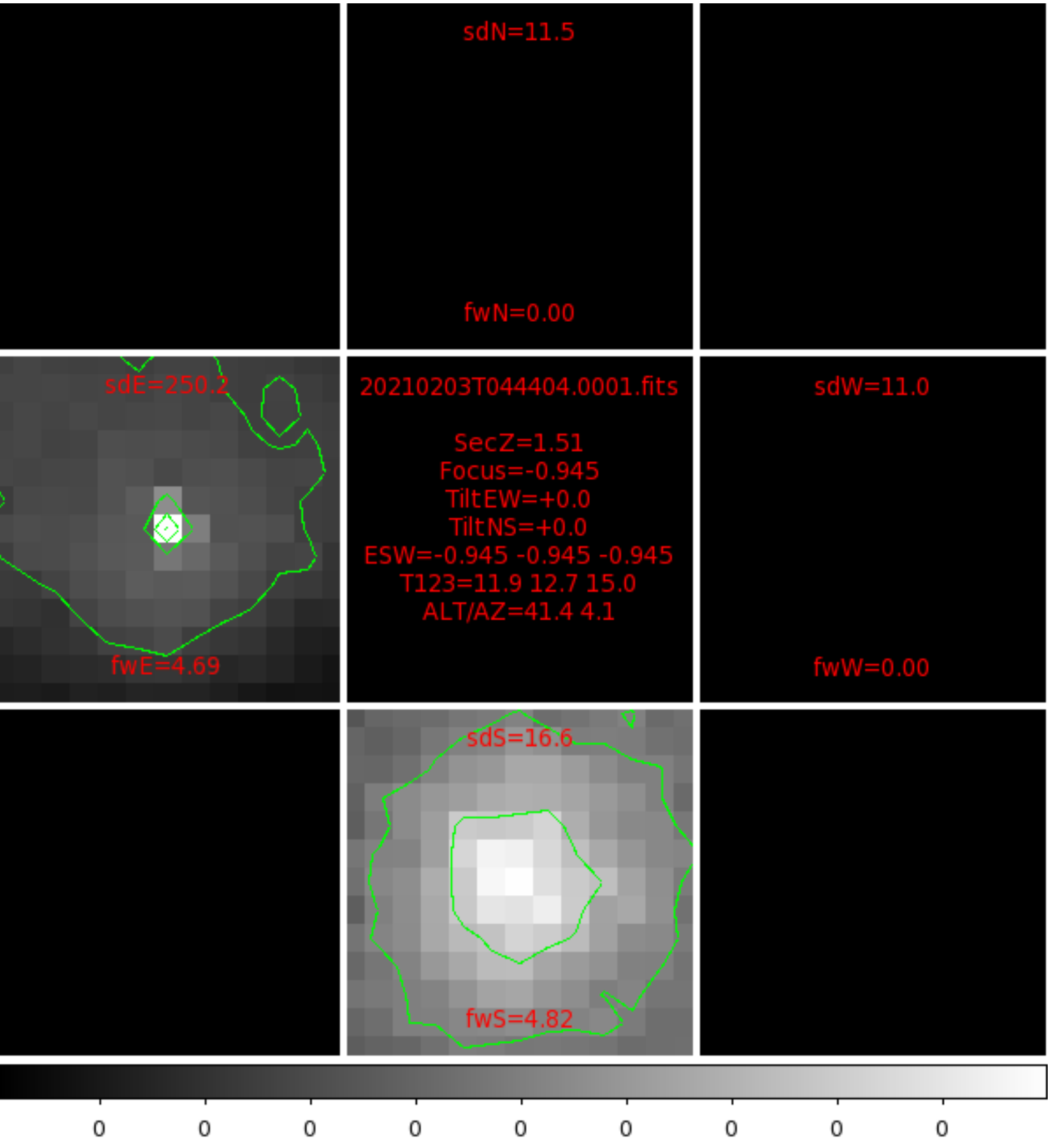
sdN=11.5
fwN=0.00
sdE=250.2
20210203T044404.0001.fits
SecZ=1.51
Focus=-0.945
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.945 -0.945 -0.945
T123=11.9 12.7 15.0
ALT/AZ=41.4 4.1
sdW=11.0
fwE=4.69
fwW=0.00
sdS=16.6
fwS=4.82
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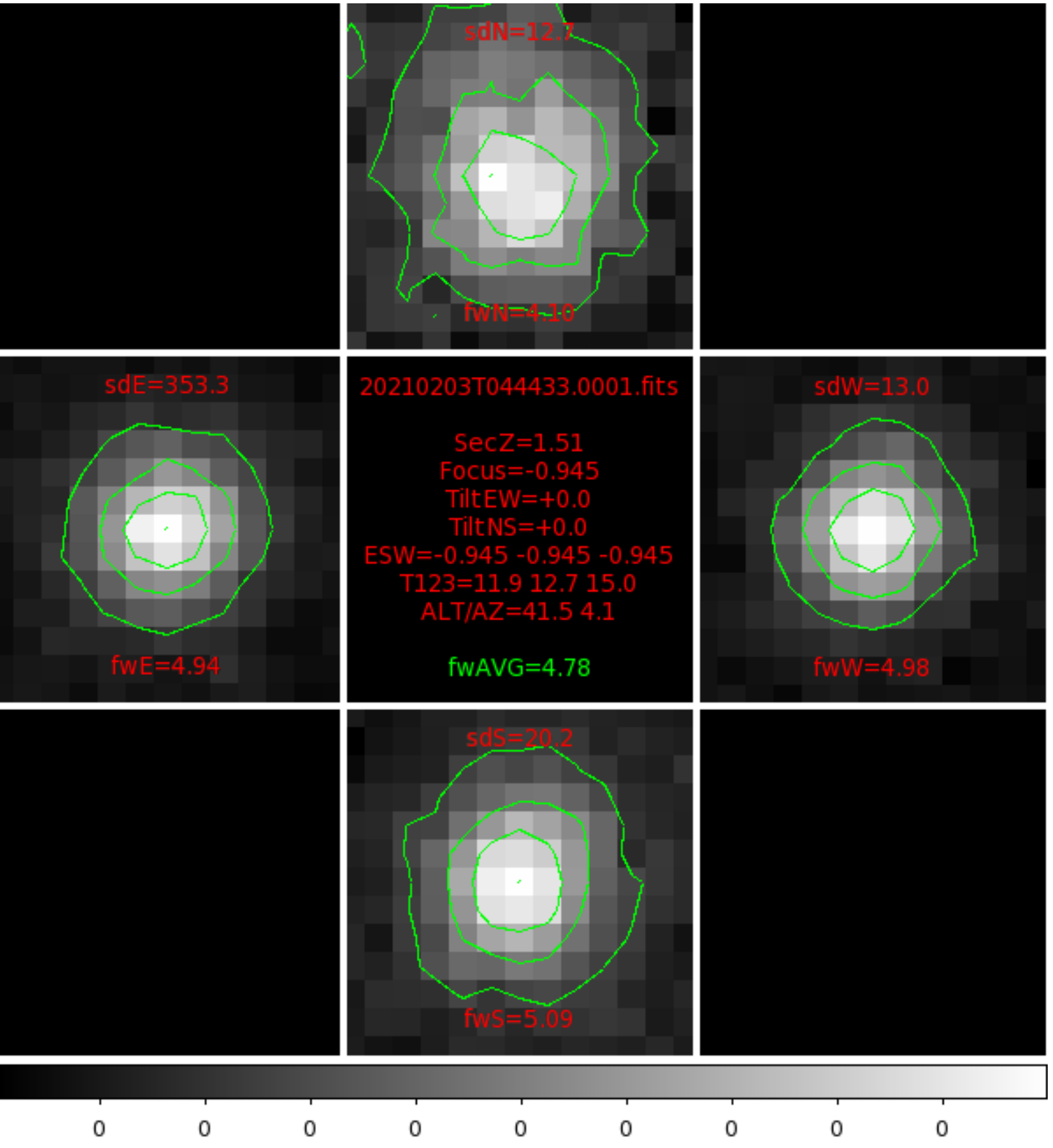
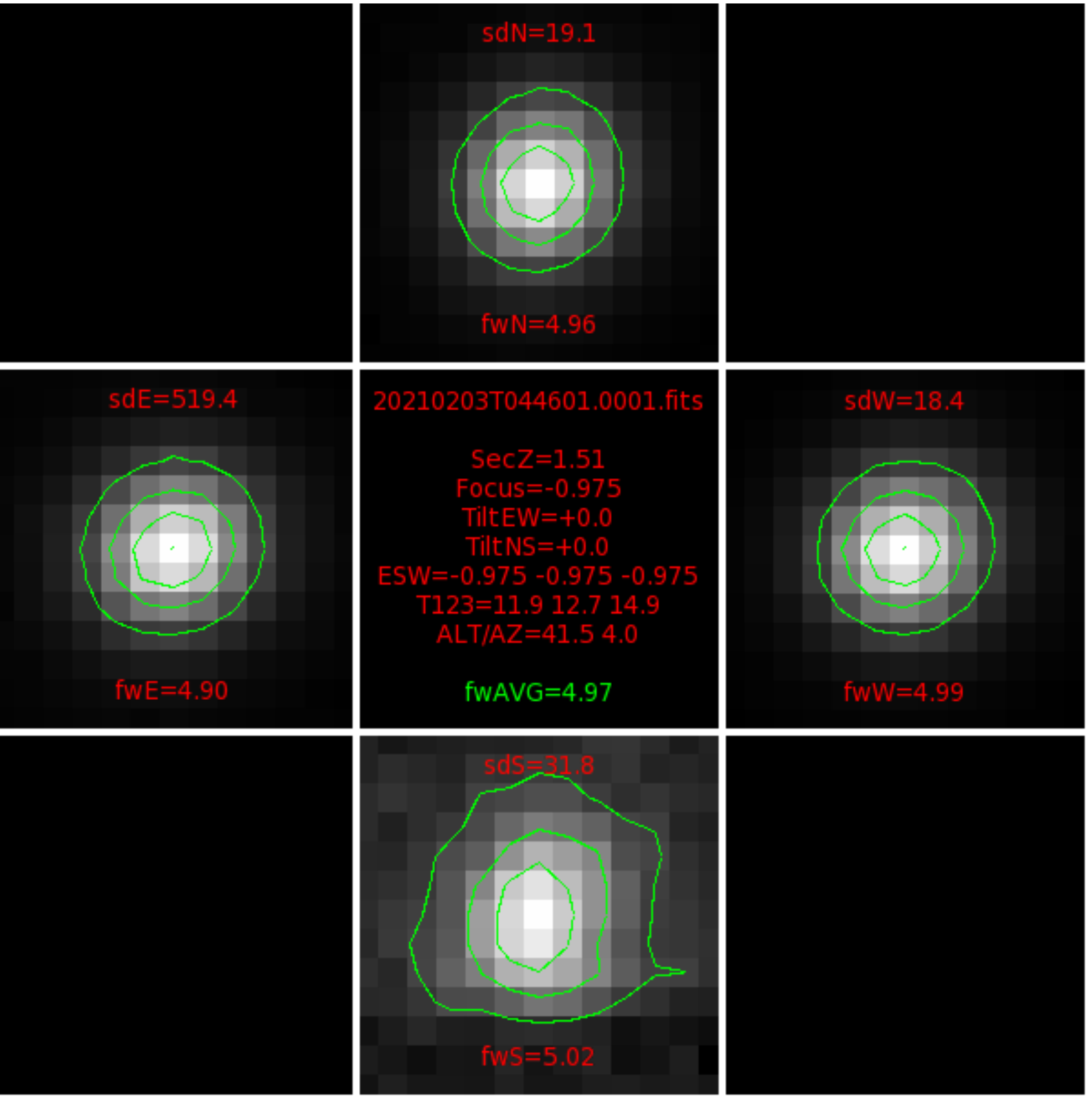
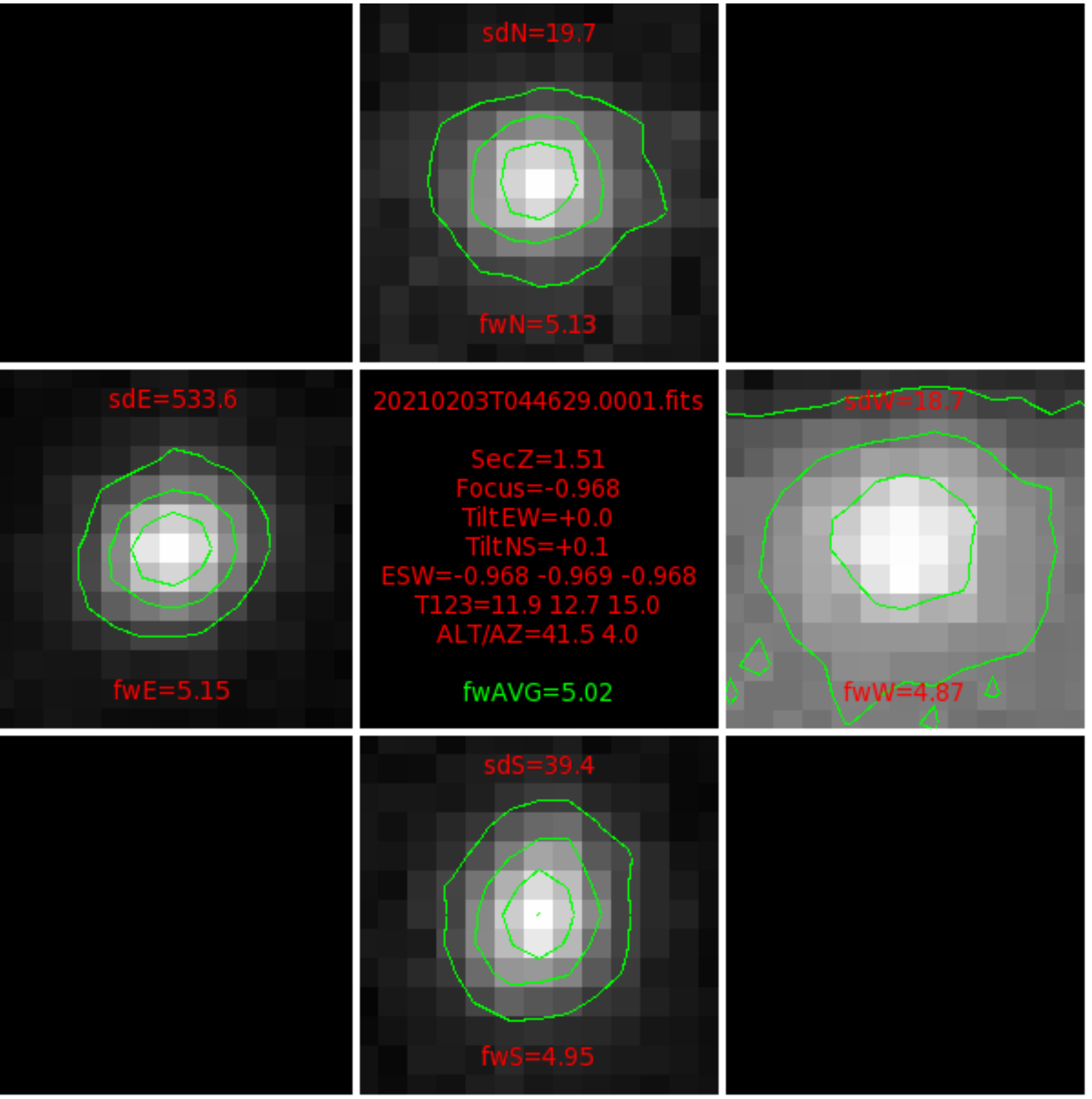

sdN=12.7
fwN=4.10
sdE=353.3
fwE=4.94
20210203T044433.0001.fits
SecZ=1.51
Focus=-0.945
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.945 -0.945 -0.945
T123=11.9 12.7 15.0
ALT/AZ=41.5 4.1
fwAVG=4.78
sdW=13.0
fwW=4.98
sdS=20.2
fwS=5.09
0 0 0 0 0 0 0 0 0


sdN=19.1
fwN=4.96
sdE=519.4
fwE=4.90
20210203T044601.0001.fits
SecZ=1.51
Focus=-0.975
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.975 -0.975 -0.975
T123=11.9 12.7 14.9
ALT/AZ=41.5 4.0
fwAVG=4.97
sdW=18.4
fwW=4.99
sdS=31.8
fwS=5.02
0 0 0 0 0 0 0 0 0


sdN=19.7
fwN=5.13
sdE=533.6
fwE=5.15
20210203T044629.0001.fits
SecZ=1.51
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.1
ESW=-0.968 -0.969 -0.968
T123=11.9 12.7 15.0
ALT/AZ=41.5 4.0
fwAVG=5.02
sdW=18.7
fwW=4.87
sdS=39.4
fwS=4.95
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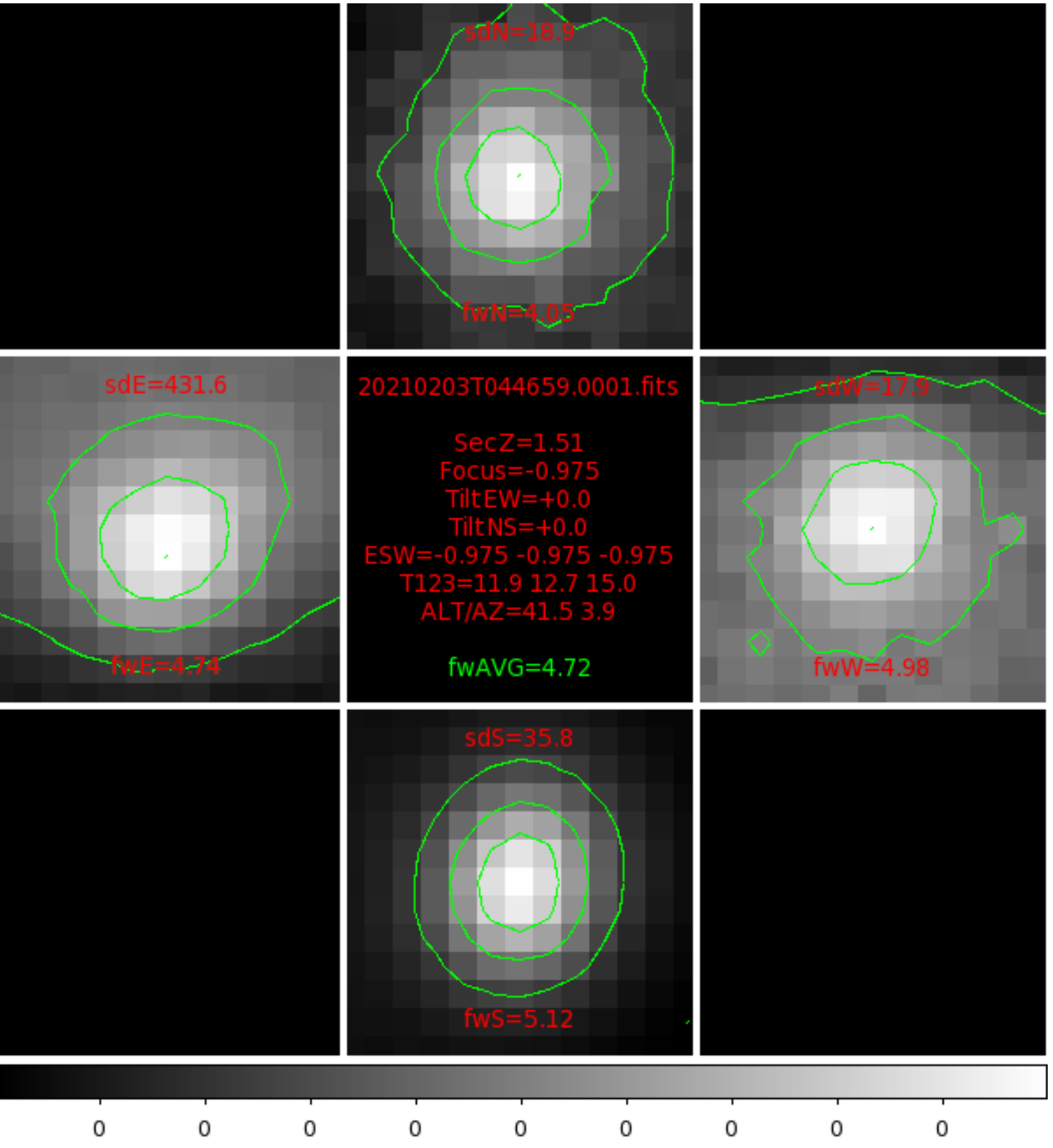
sdN=18.9
fwN=4.05
sdE=431.6
fwE=4.74
20210203T044659.0001.fits
SecZ=1.51
Focus=-0.975
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.975 -0.975 -0.975
T123=11.9 12.7 15.0
ALT/AZ=41.5 3.9
fwAVG=4.72
sdW=17.9
fwW=4.98
sdS=35.8
fwS=5.12
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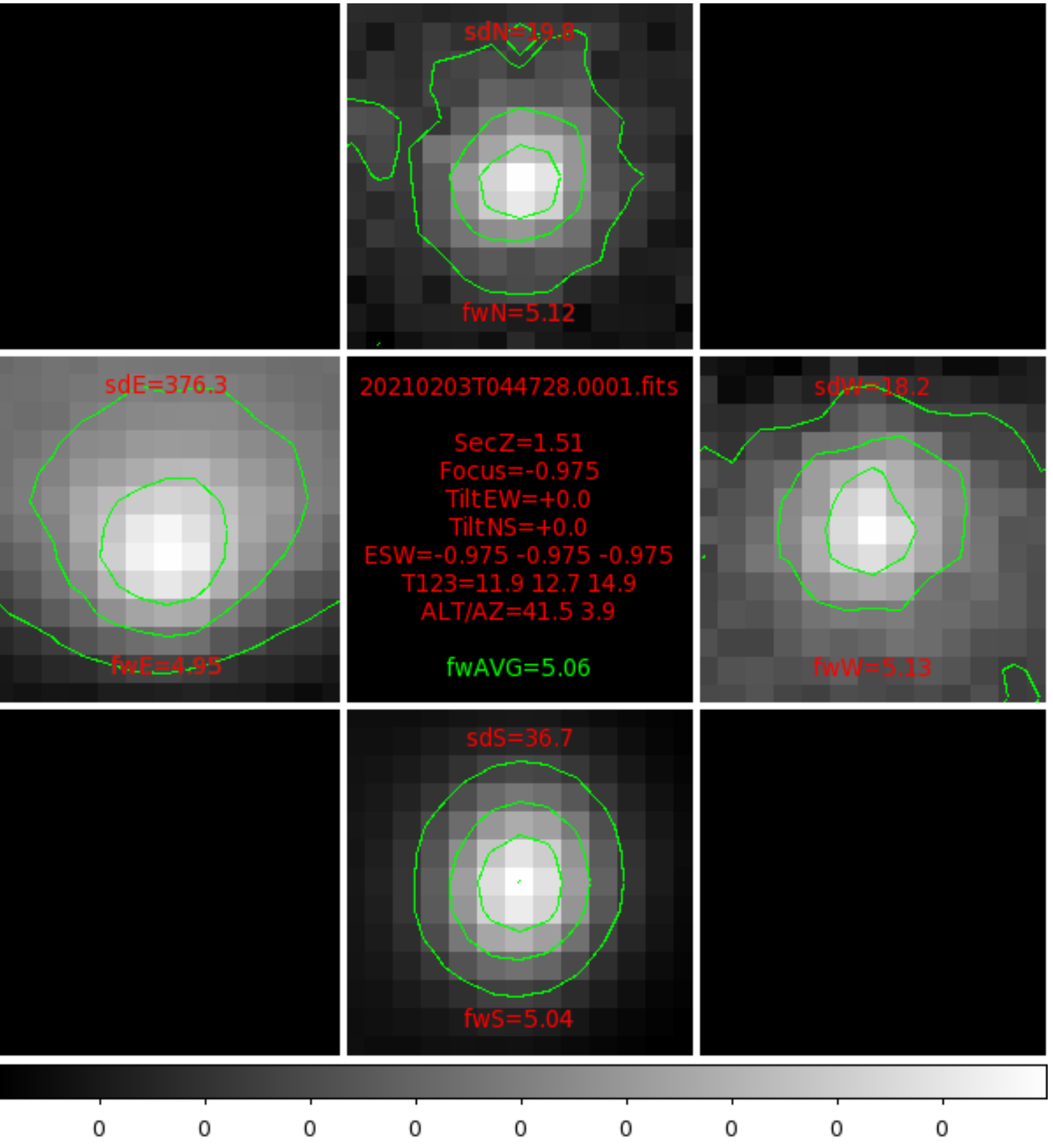
sdN=19.8
fwN=5.12
sdE=376.3
fwE=4.95
20210203T044728.0001.fits
SecZ=1.51
Focus=-0.975
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.975 -0.975 -0.975
T123=11.9 12.7 14.9
ALT/AZ=41.5 3.9
fwAVG=5.06
sdW=18.2
fwW=5.13
sdS=36.7
fwS=5.04
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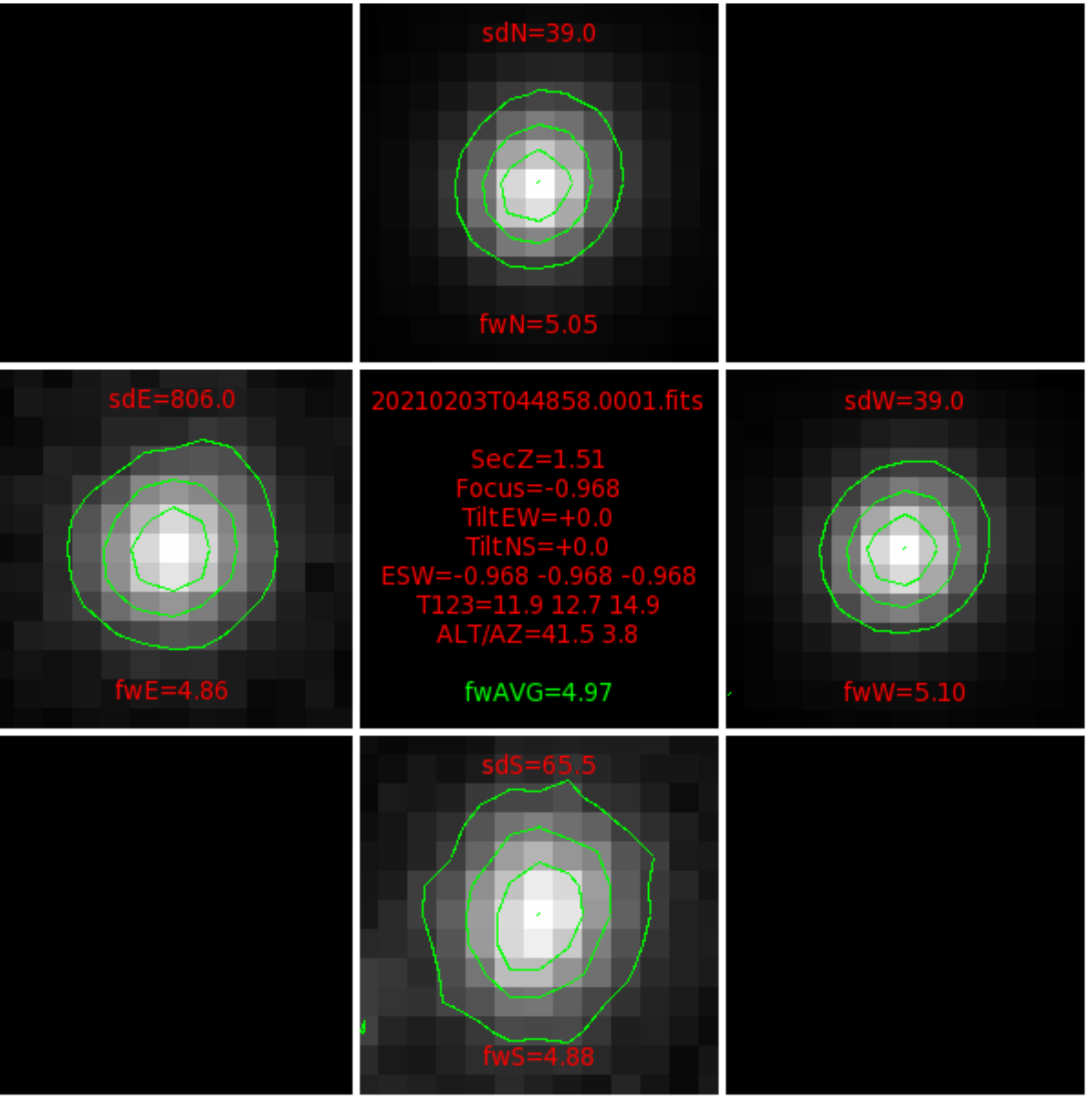
sdN=39.0
fwN=5.05
sdE=806.0
fwE=4.86
20210203T044858.0001.fits
SecZ=1.51
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.7 14.9
ALT/AZ=41.5 3.8
fwAVG=4.97
sdW=39.0
fwW=5.10
sdS=65.5
fwS=4.88
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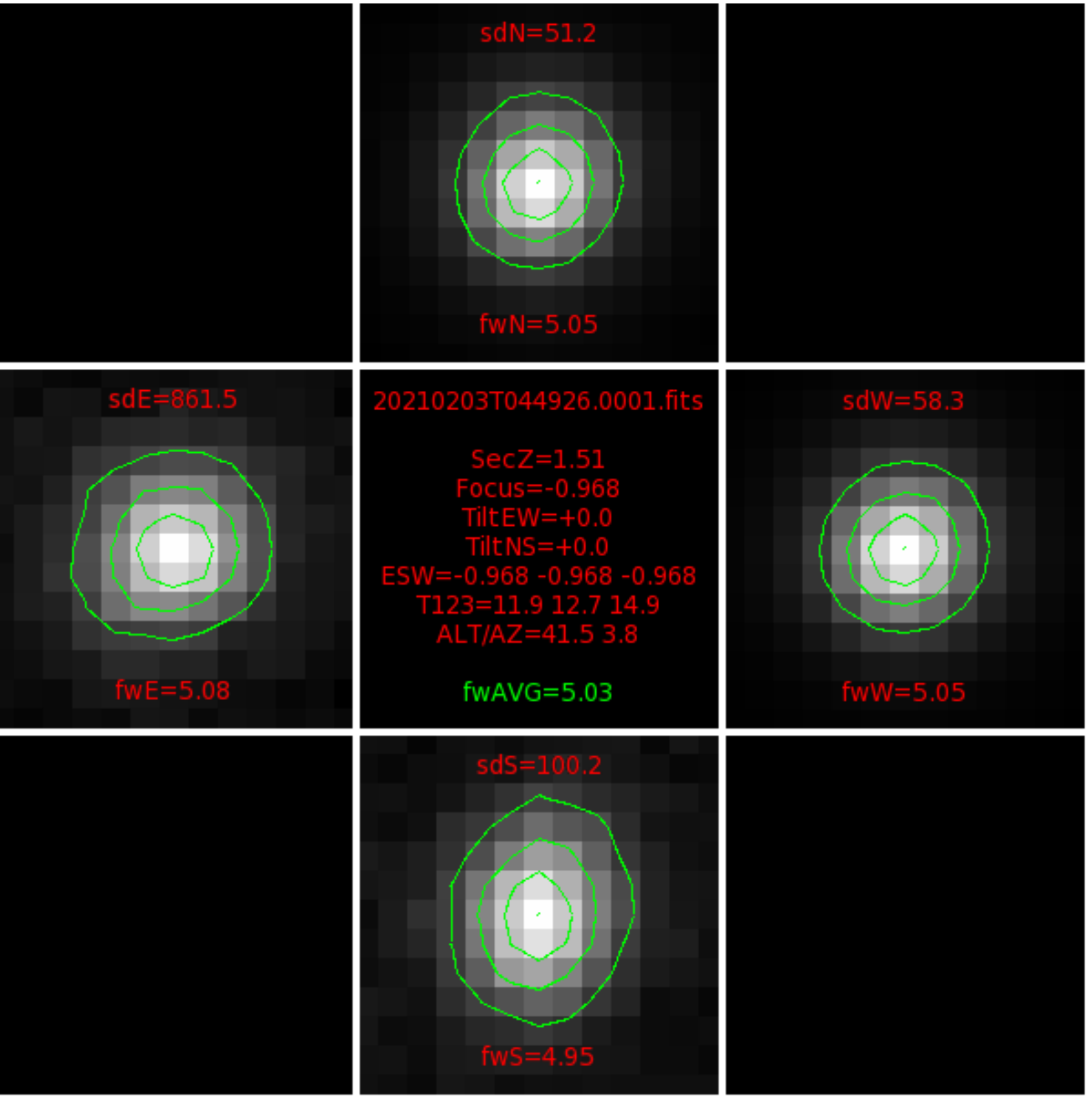
sdN=51.2
fwN=5.05
sdE=861.5
fwE=5.08
20210203T044926.0001.fits
SecZ=1.51
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.7 14.9
ALT/AZ=41.5 3.8
fwAVG=5.03
sdW=58.3
fwW=5.05
sdS=100.2
fwS=4.95
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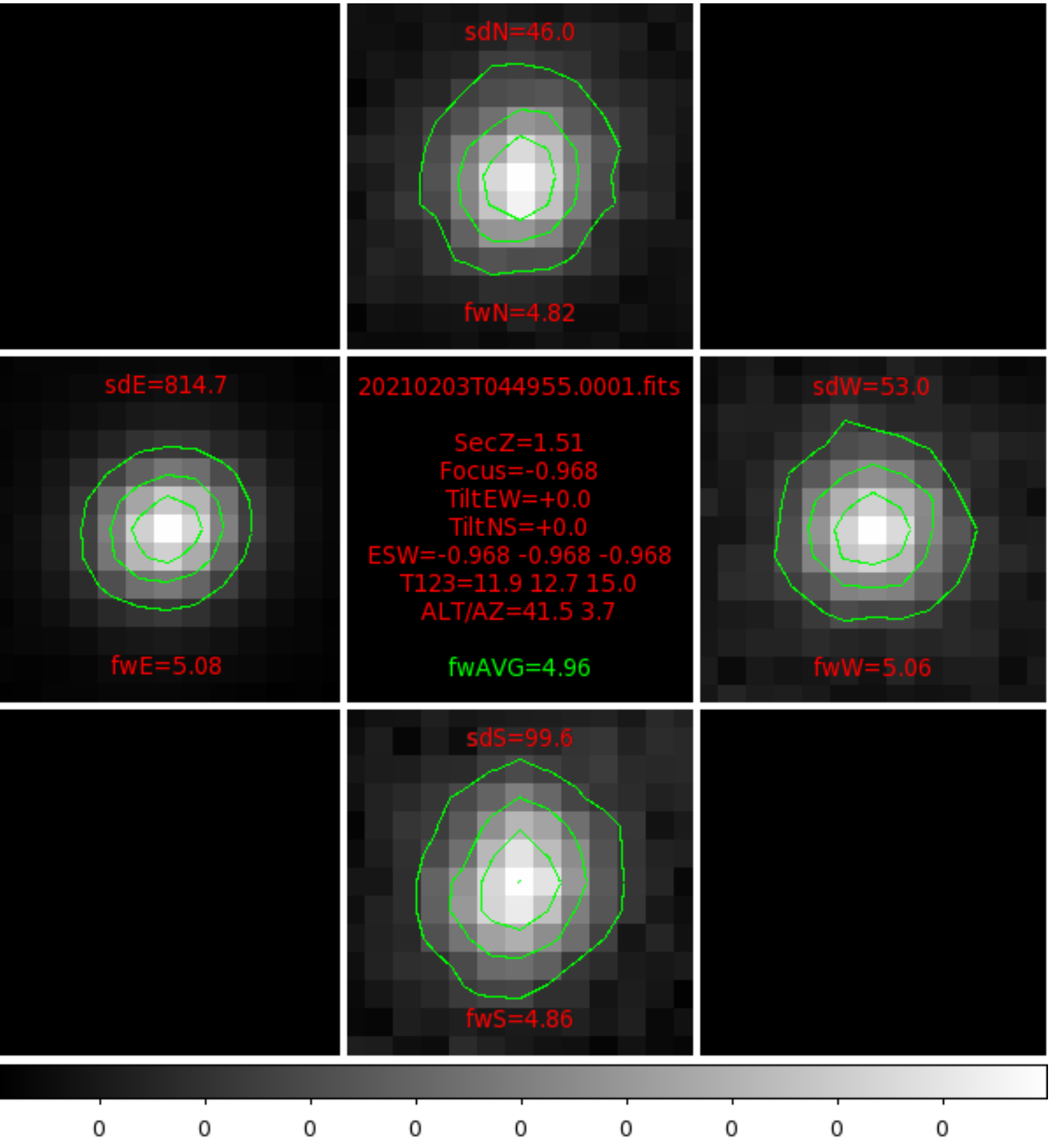
sdN=46.0
fwN=4.82
sdE=814.7
fwE=5.08
20210203T044955.0001.fits
SecZ=1.51
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.7 15.0
ALT/AZ=41.5 3.7
fwAVG=4.96
sdW=53.0
fwW=5.06
sdS=99.6
fwS=4.86
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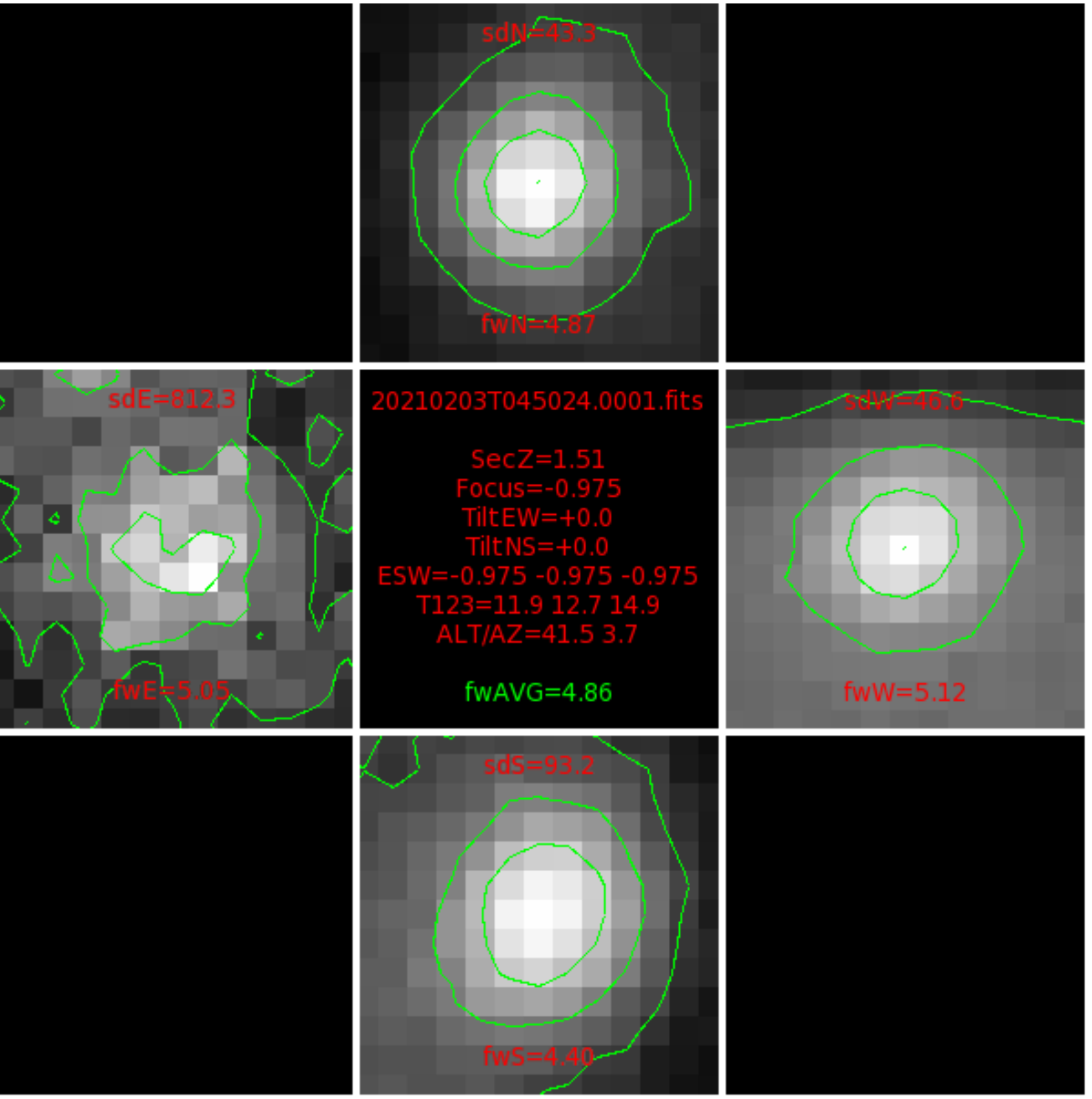
sdN=43.3
fwN=4.87
sdE=812.3
fwE=5.05
20210203T045024.0001.fits
SecZ=1.51
Focus=-0.975
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.975 -0.975 -0.975
T123=11.9 12.7 14.9
ALT/AZ=41.5 3.7
fwAVG=4.86
sdW=46.6
fwW=5.12
sdS=93.2
fwS=4.40
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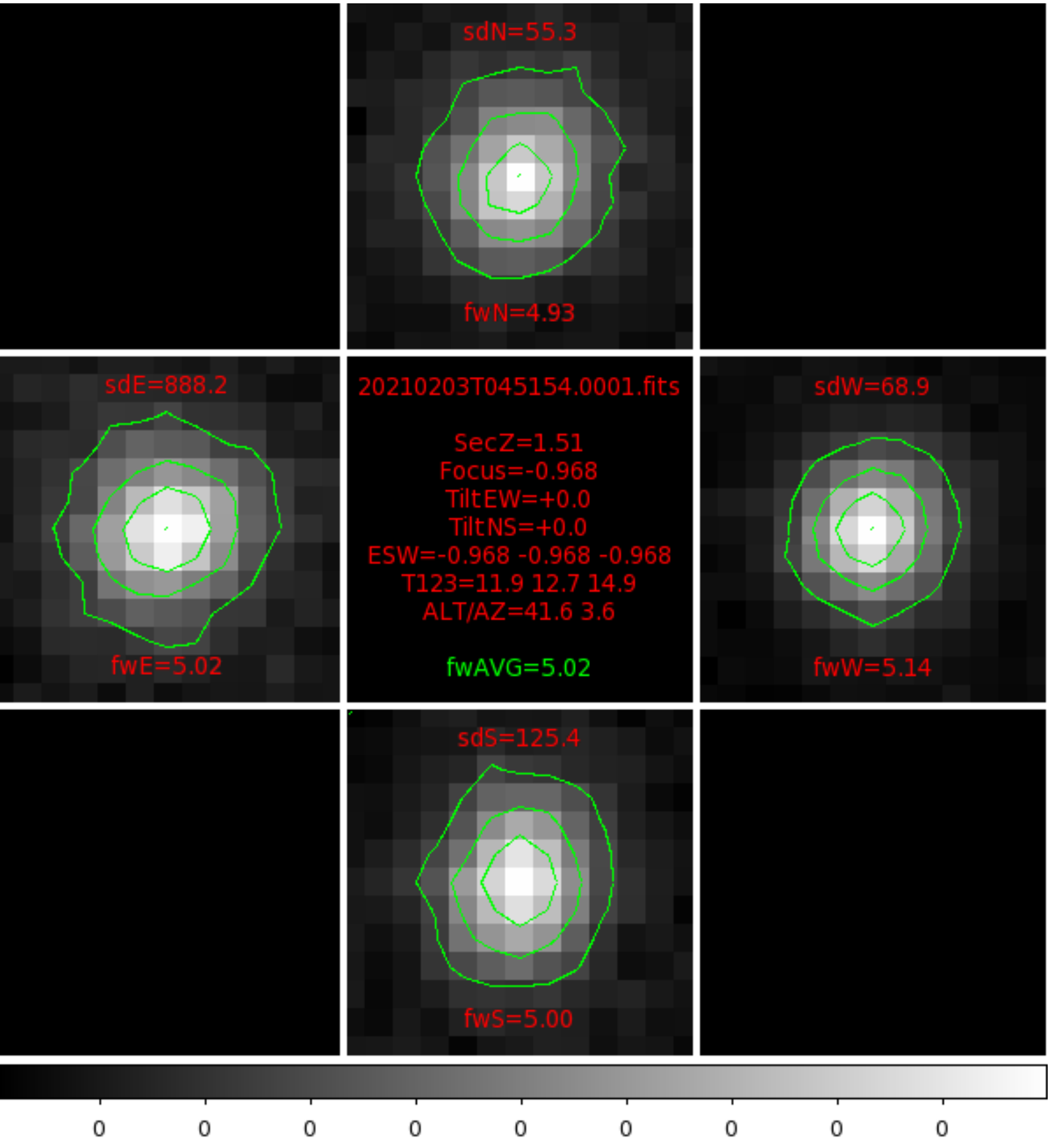
sdN=55.3
fwN=4.93
sdE=888.2
fwE=5.02
20210203T045154.0001.fits
SecZ=1.51
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.7 14.9
ALT/AZ=41.6 3.6
fwAVG=5.02
sdW=68.9
fwW=5.14
sdS=125.4
fwS=5.00
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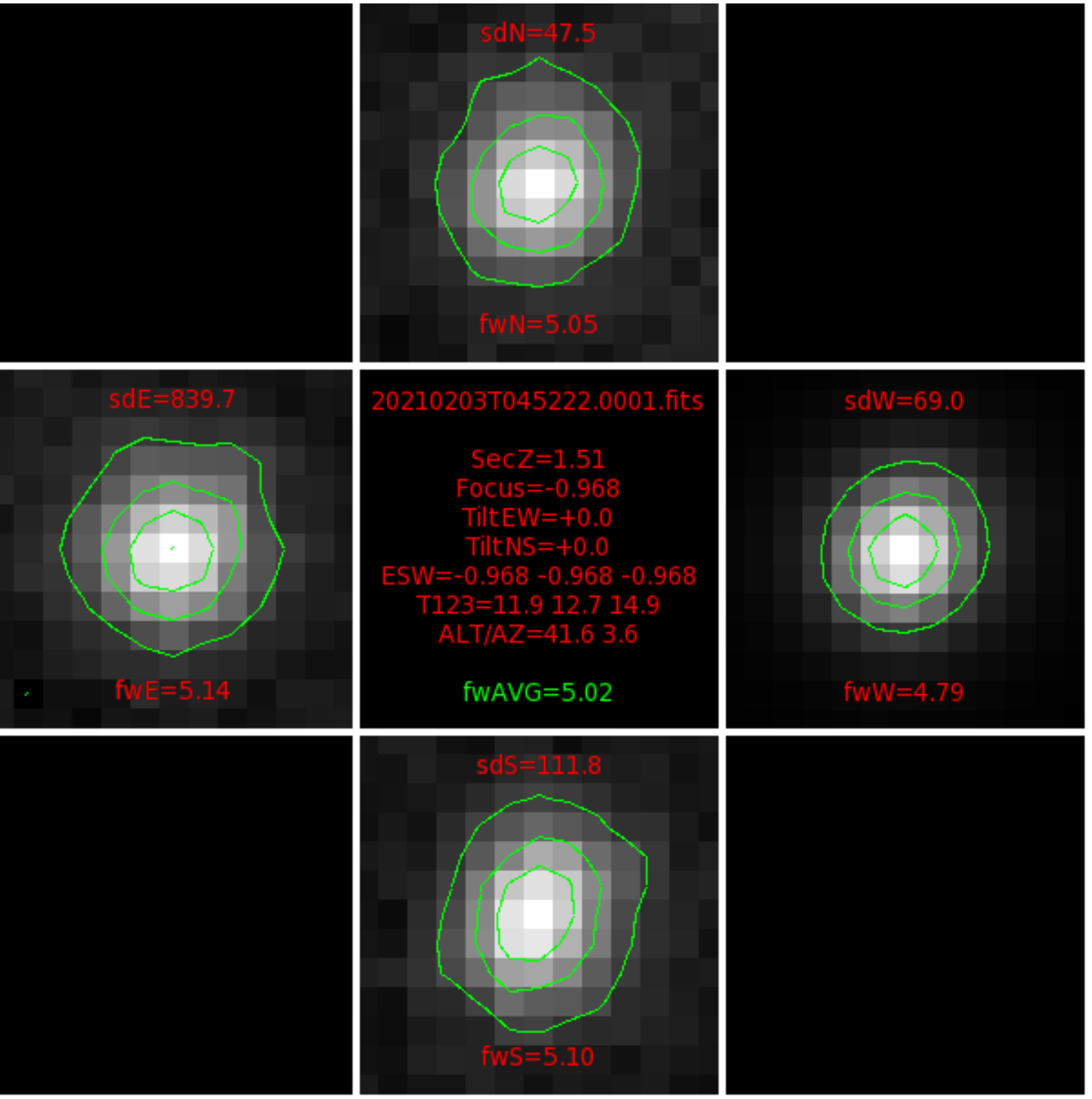
sdN=47.5
fwN=5.05
sdE=839.7
fwE=5.14
20210203T045222.0001.fits
SecZ=1.51
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.7 14.9
ALT/AZ=41.6 3.6
fwAVG=5.02
sdW=69.0
fwW=4.79
sdS=111.8
fwS=5.10
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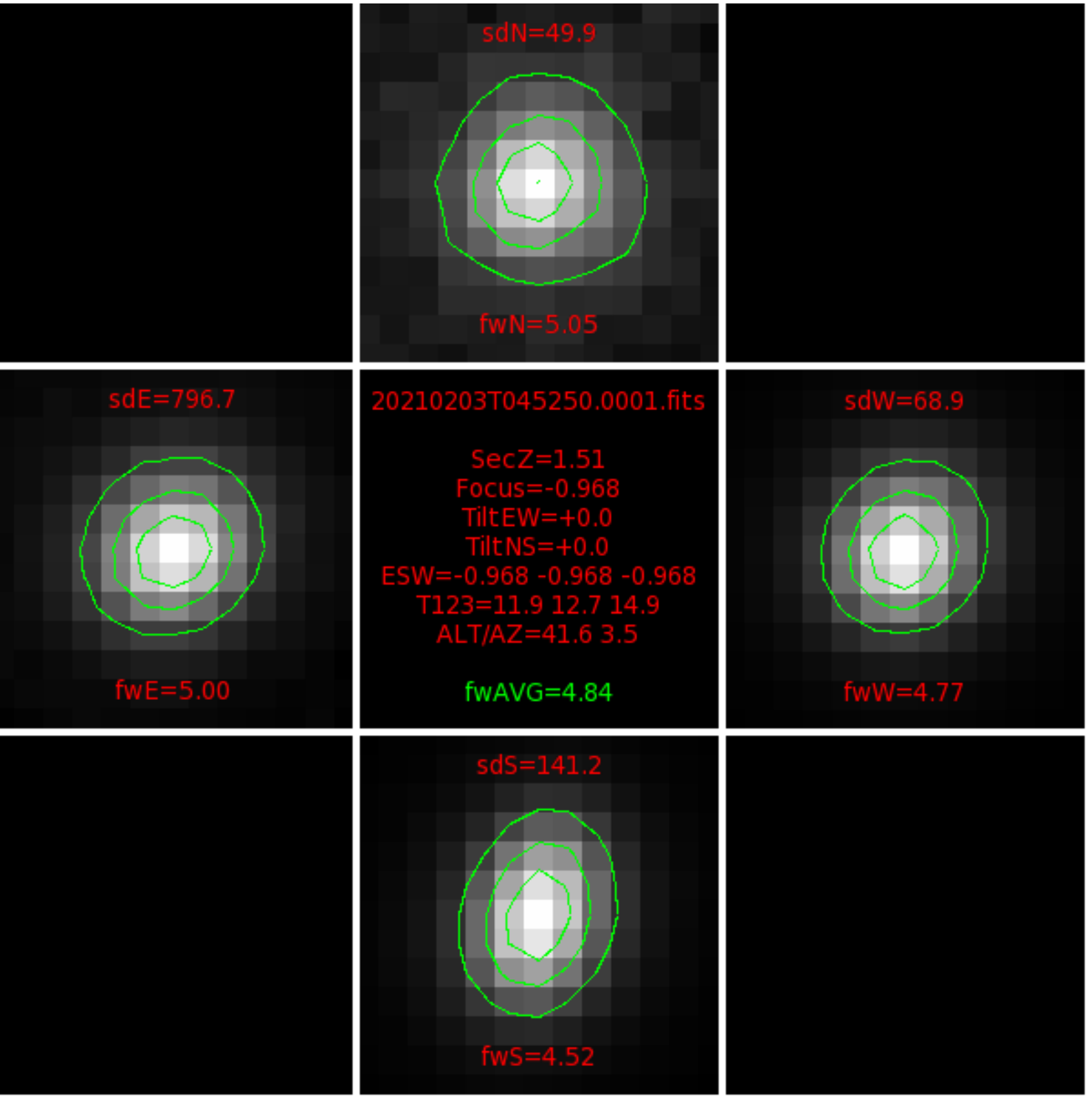
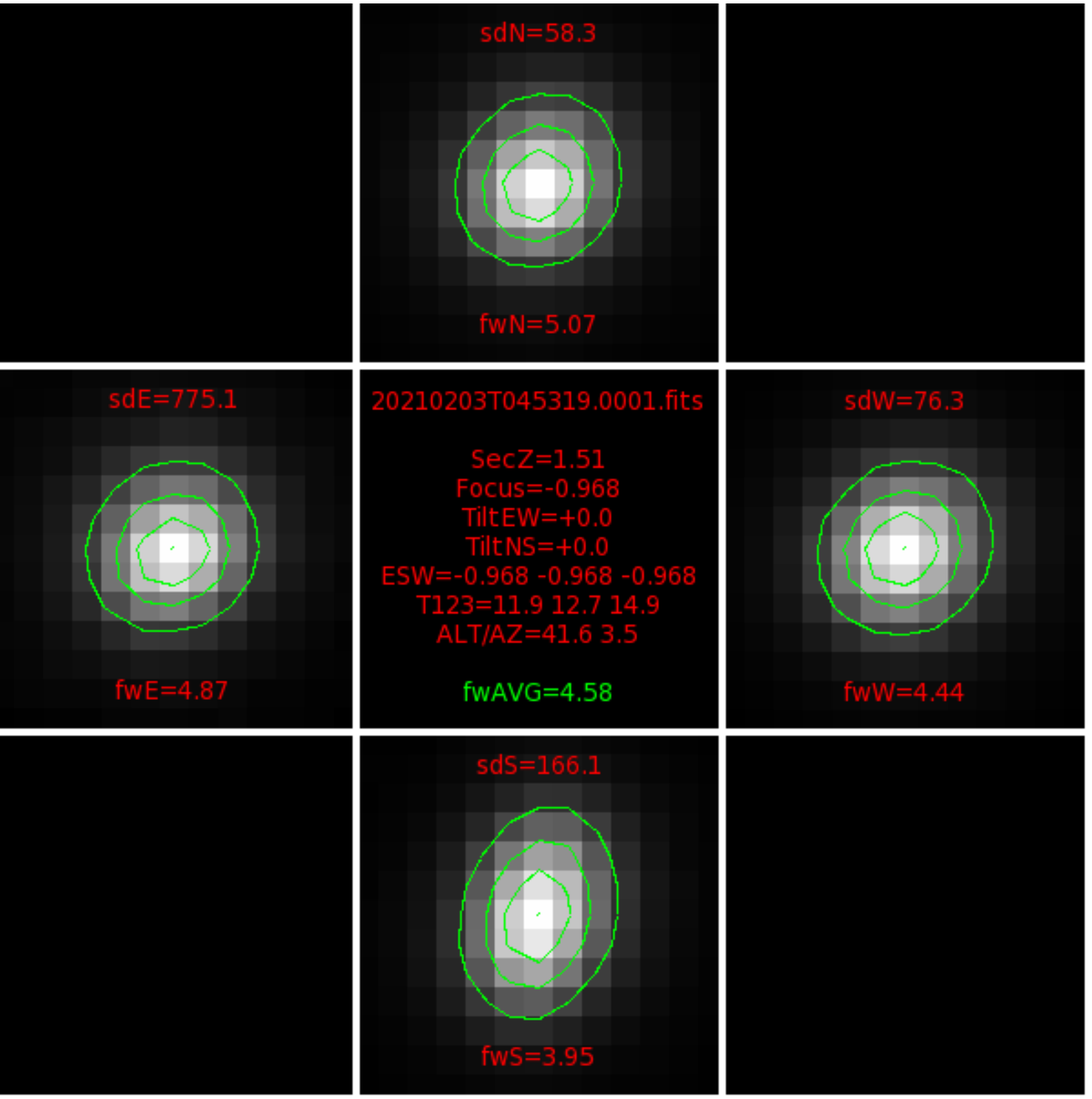

sdN=49.9
fwN=5.05
sdE=796.7
fwE=5.00
20210203T045250.0001.fits
SecZ=1.51
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.7 14.9
ALT/AZ=41.6 3.5
fwAVG=4.84
sdW=68.9
fwW=4.77
sdS=141.2
fwS=4.52
0 0 0 0 0 0 0 0 0


sdN=58.3
fwN=5.07
sdE=775.1
fwE=4.87
20210203T045319.0001.fits
SecZ=1.51
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.7 14.9
ALT/AZ=41.6 3.5
fwAVG=4.58
sdW=76.3
fwW=4.44
sdS=166.1
fwS=3.95
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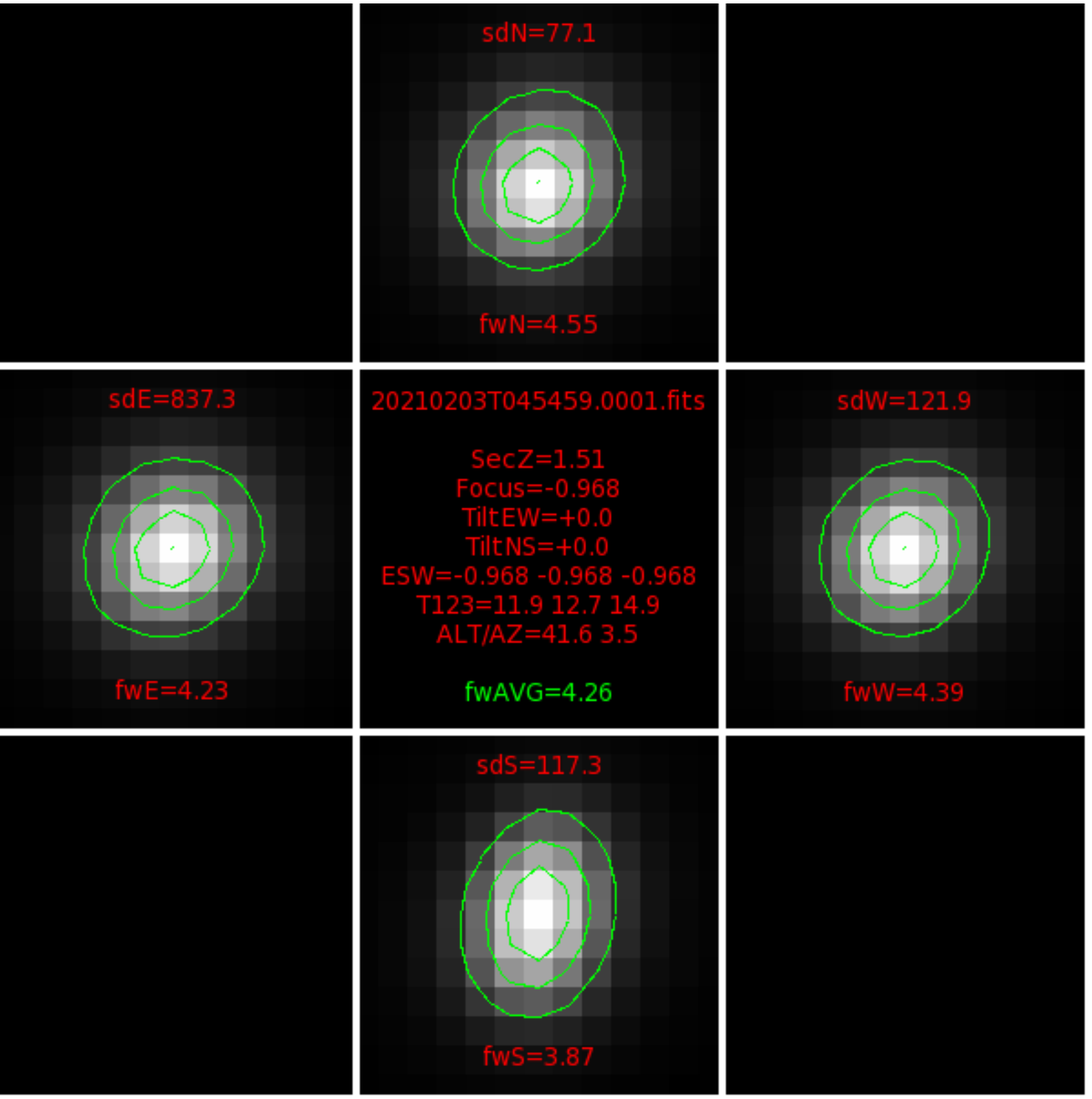
sdN=77.1
fwN=4.55
sdE=837.3
fwE=4.23
20210203T045459.0001.fits
SecZ=1.51
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.7 14.9
ALT/AZ=41.6 3.5
fwAVG=4.26
sdW=121.9
fwW=4.39
sdS=117.3
fwS=3.87
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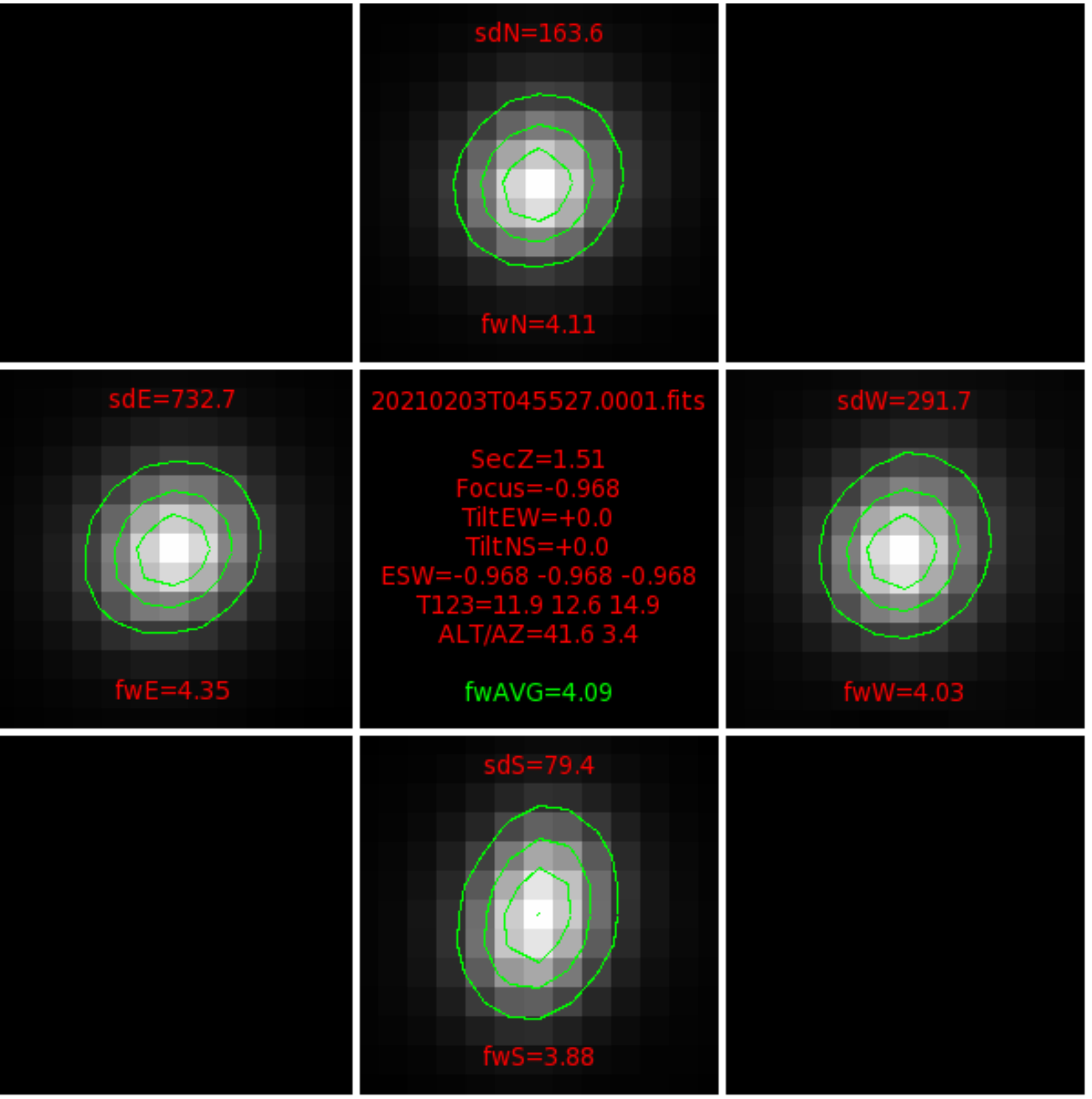
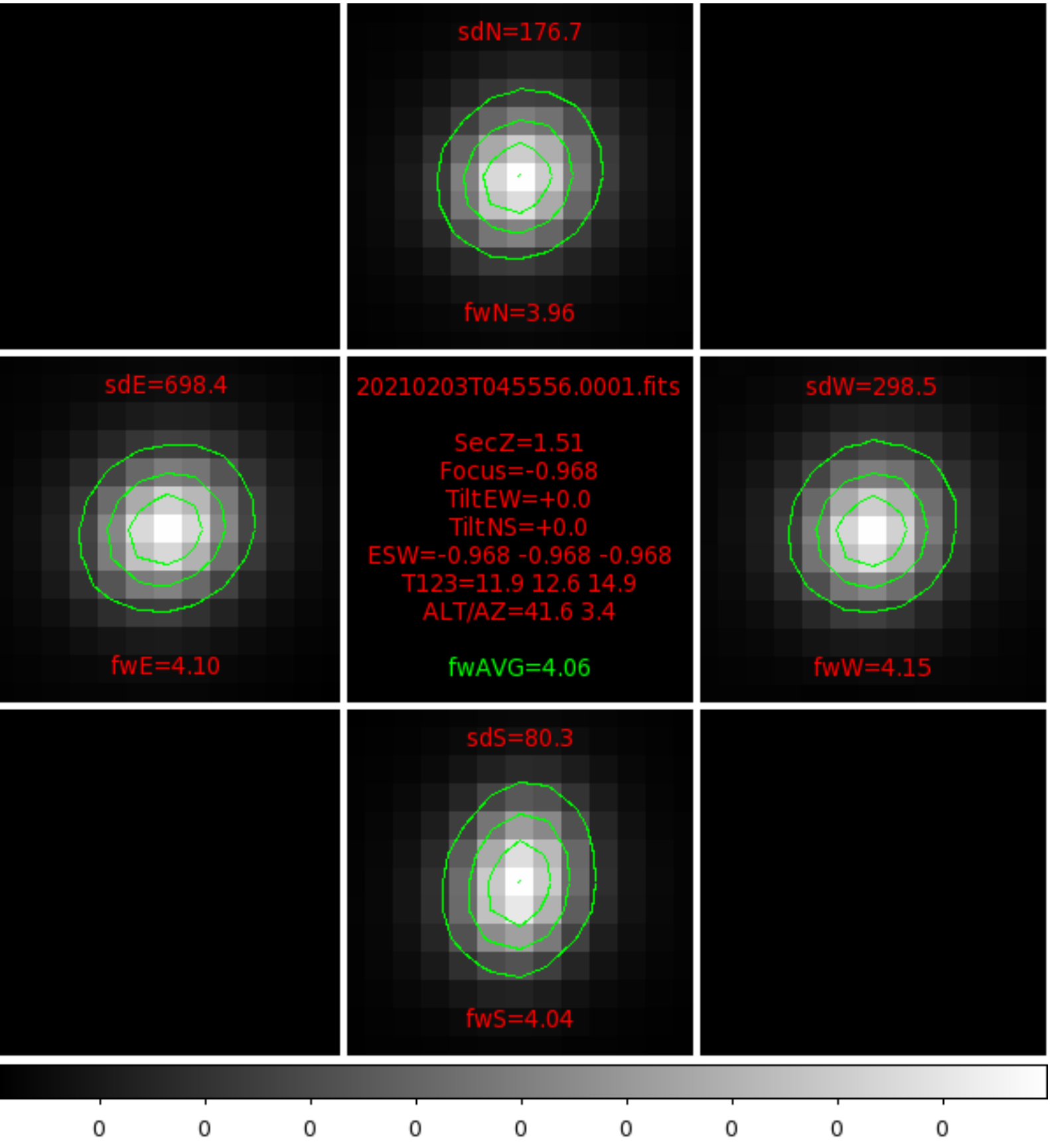
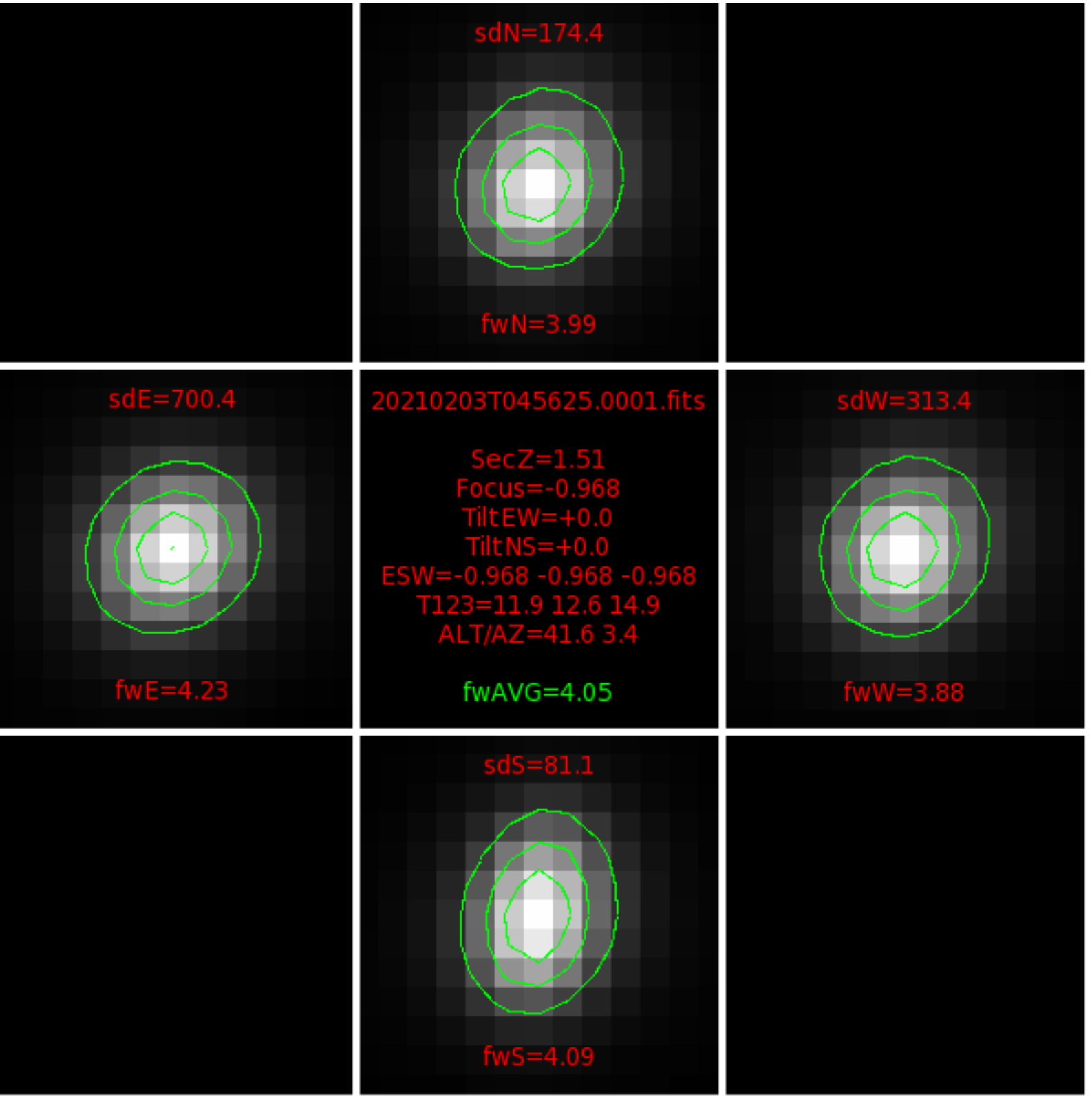
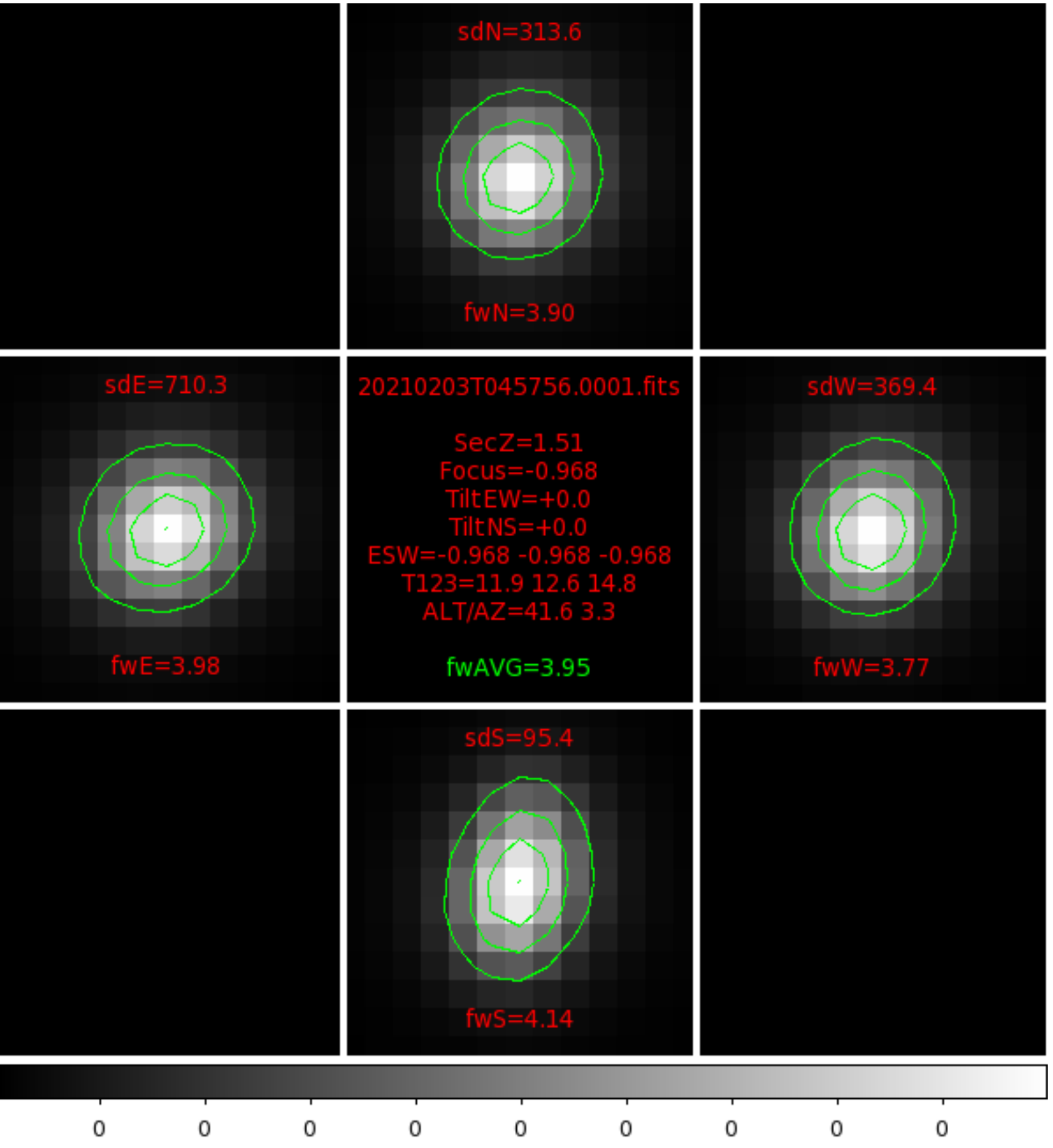
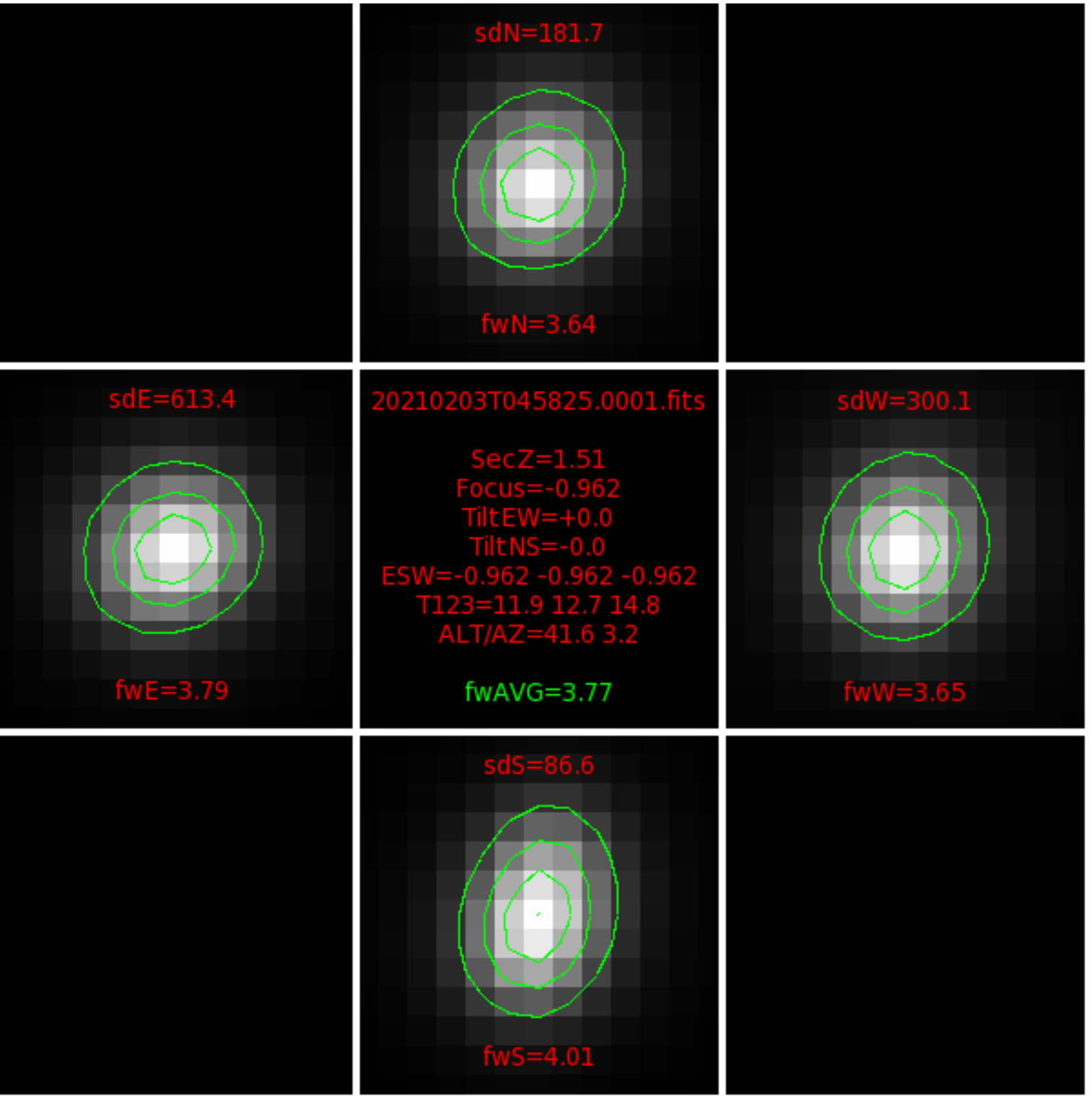

sdN=163.6
fwN=4.11
sdE=732.7
fwE=4.35
20210203T045527.0001.fits
SecZ=1.51
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.6 14.9
ALT/AZ=41.6 3.4
fwAVG=4.09
sdW=291.7
fwW=4.03
sdS=79.4
fwS=3.88
0 0 0 0 0 0 0 0 0


sdN=176.7
fwN=3.96
sdE=698.4
fwE=4.10
20210203T045556.0001.fits
SecZ=1.51
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.6 14.9
ALT/AZ=41.6 3.4
fwAVG=4.06
sdW=298.5
fwW=4.15
sdS=80.3
fwS=4.04
0 0 0 0 0 0 0 0 0


sdN=174.4
fwN=3.99
sdE=700.4
fwE=4.23
20210203T045625.0001.fits
SecZ=1.51
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.6 14.9
ALT/AZ=41.6 3.4
fwAVG=4.05
sdW=313.4
fwW=3.88
sdS=81.1
fwS=4.09
0 0 0 0 0 0 0 0 0


sdN=313.6
fwN=3.90
sdE=710.3
fwE=3.98
20210203T045756.0001.fits
SecZ=1.51
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.6 14.8
ALT/AZ=41.6 3.3
fwAVG=3.95
sdW=369.4
fwW=3.77
sdS=95.4
fwS=4.14
0 0 0 0 0 0 0 0 0


sdN=181.7
fwN=3.64
sdE=613.4
fwE=3.79
20210203T045825.0001.fits
SecZ=1.51
Focus=-0.962
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.962 -0.962 -0.962
T123=11.9 12.7 14.8
ALT/AZ=41.6 3.2
fwAVG=3.77
sdW=300.1
fwW=3.65
sdS=86.6
fwS=4.01
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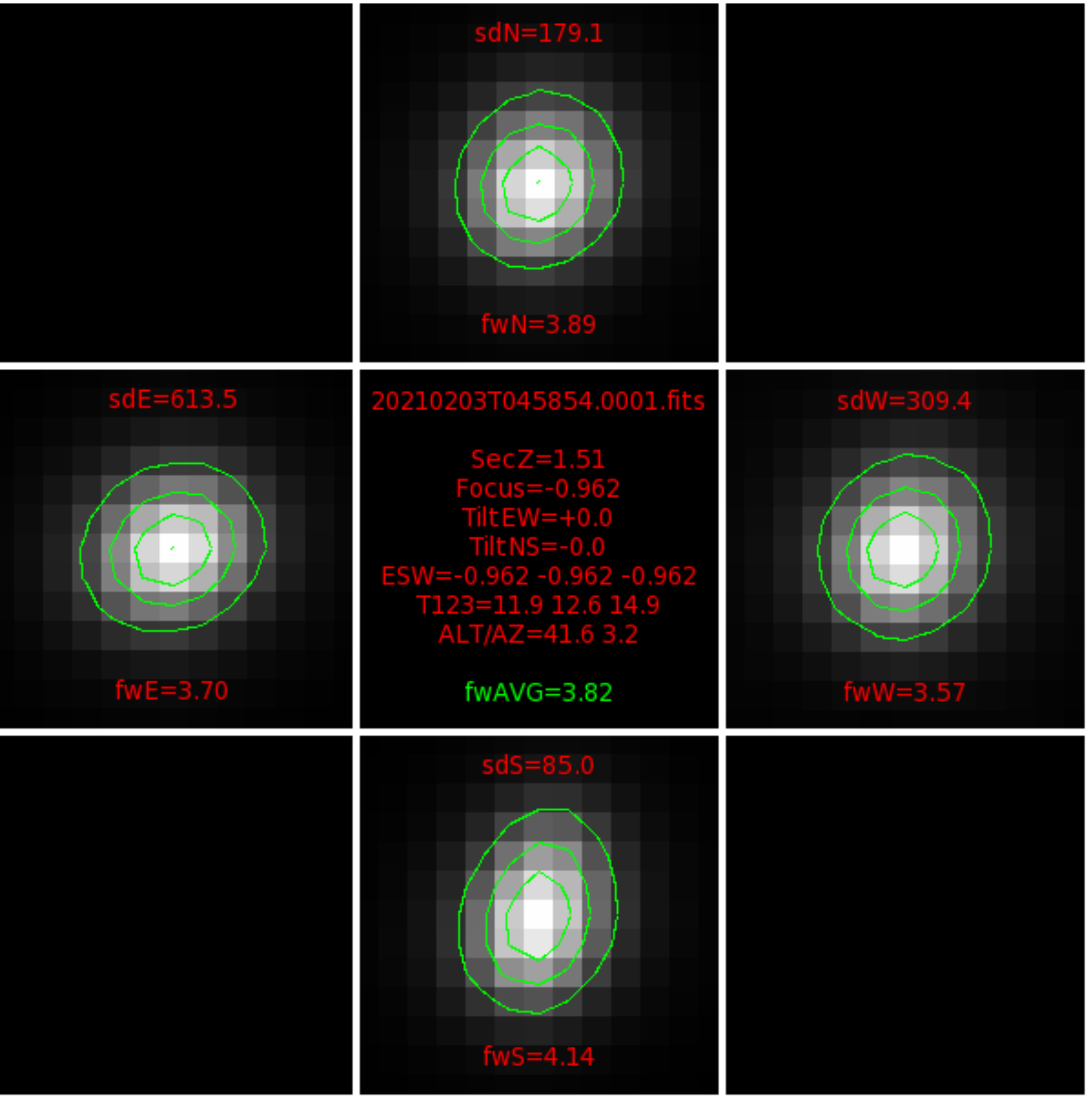
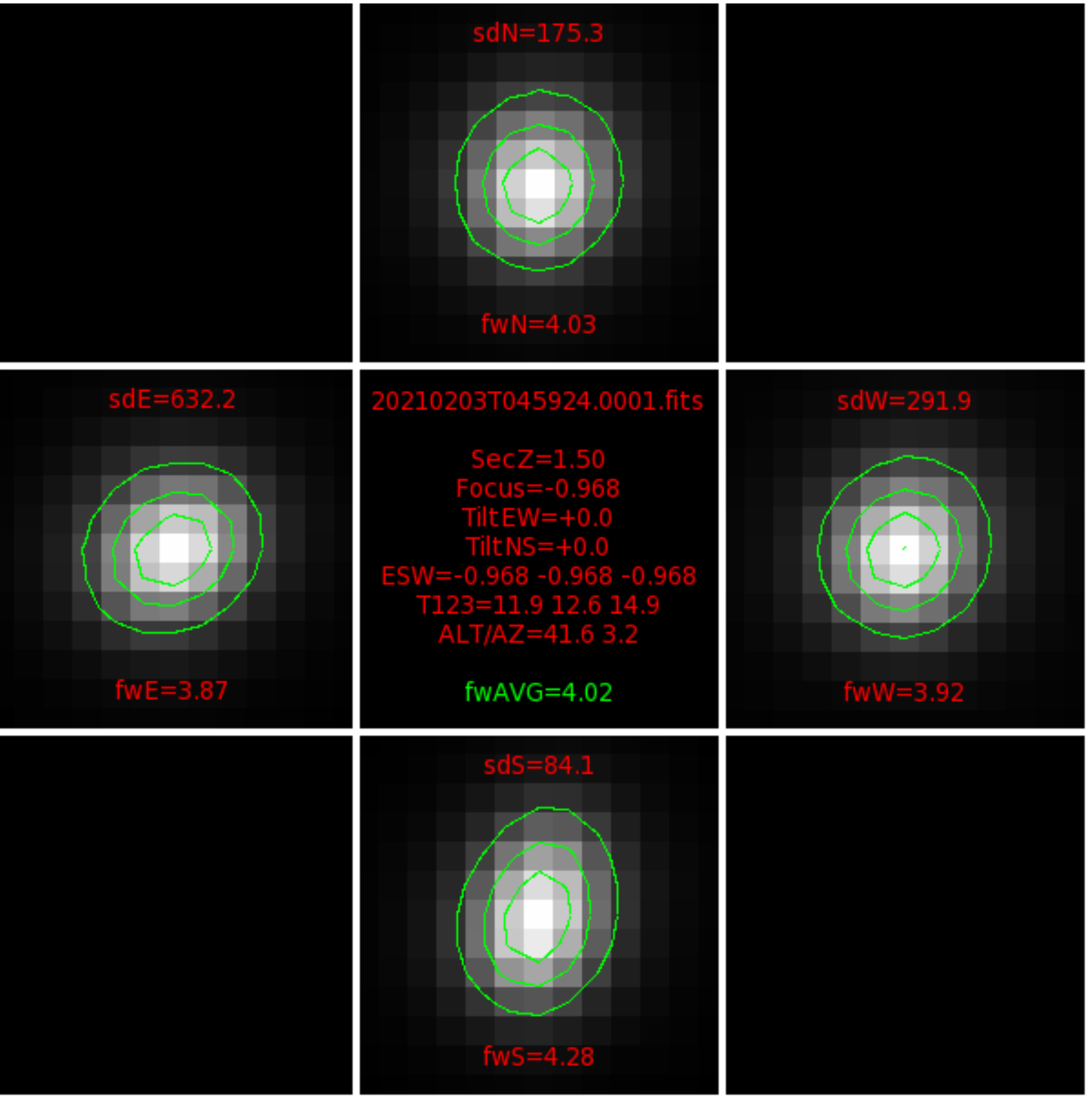

sdN=179.1
fwN=3.89
sdE=613.5
fwE=3.70
20210203T045854.0001.fits
SecZ=1.51
Focus=-0.962
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.962 -0.962 -0.962
T123=11.9 12.6 14.9
ALT/AZ=41.6 3.2
fwAVG=3.82
sdW=309.4
fwW=3.57
sdS=85.0
fwS=4.14
0 0 0 0 0 0 0 0 0


sdN=175.3
fwN=4.03
sdE=632.2
fwE=3.87
20210203T045924.0001.fits
SecZ=1.50
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.6 14.9
ALT/AZ=41.6 3.2
fwAVG=4.02
sdW=291.9
fwW=3.92
sdS=84.1
fwS=4.28
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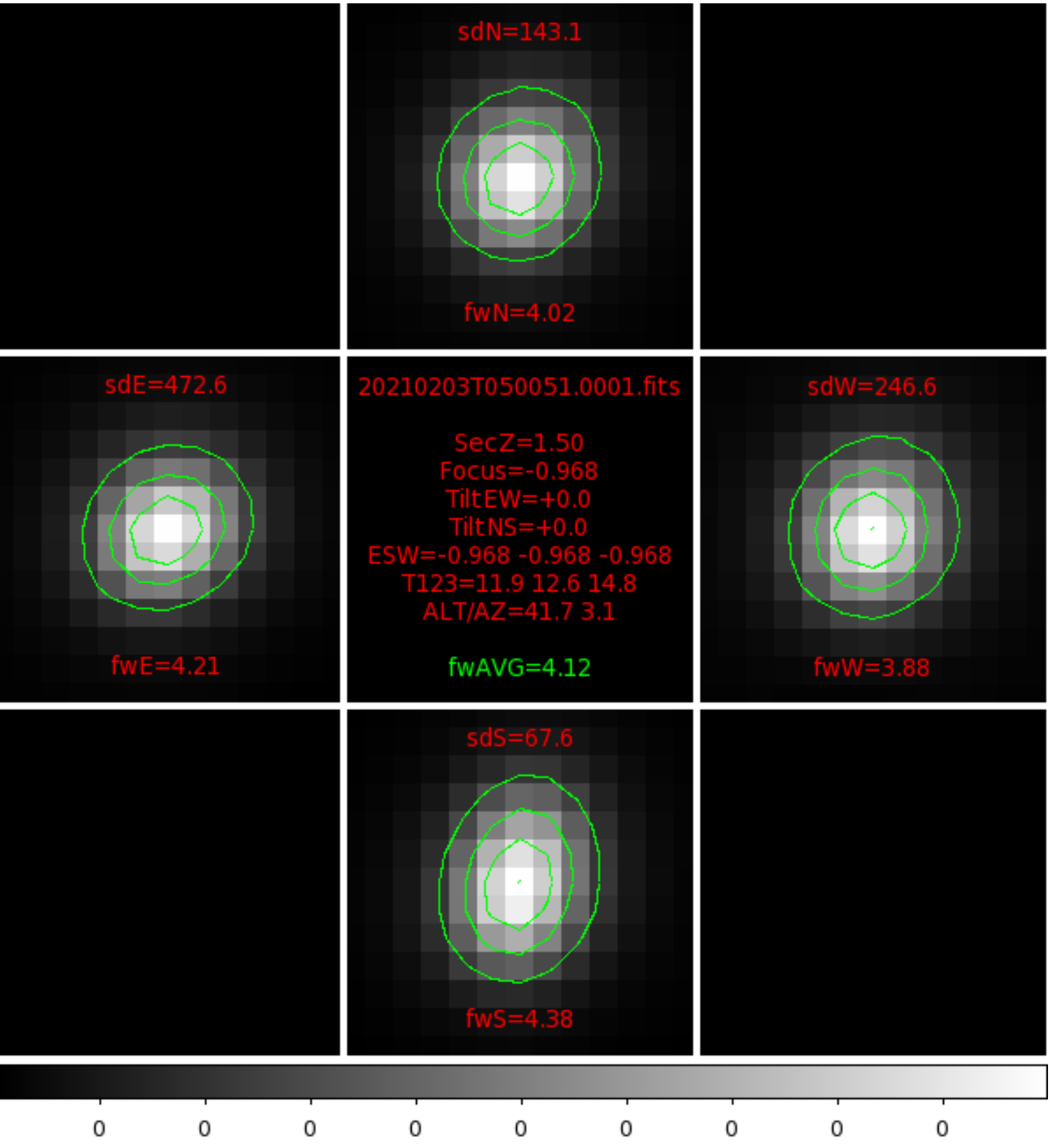
sdN=143.1
fwN=4.02
sdE=472.6
fwE=4.21
20210203T050051.0001.fits
SecZ=1.50
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.6 14.8
ALT/AZ=41.7 3.1
fwAVG=4.12
sdW=246.6
fwW=3.88
sdS=67.6
fwS=4.38
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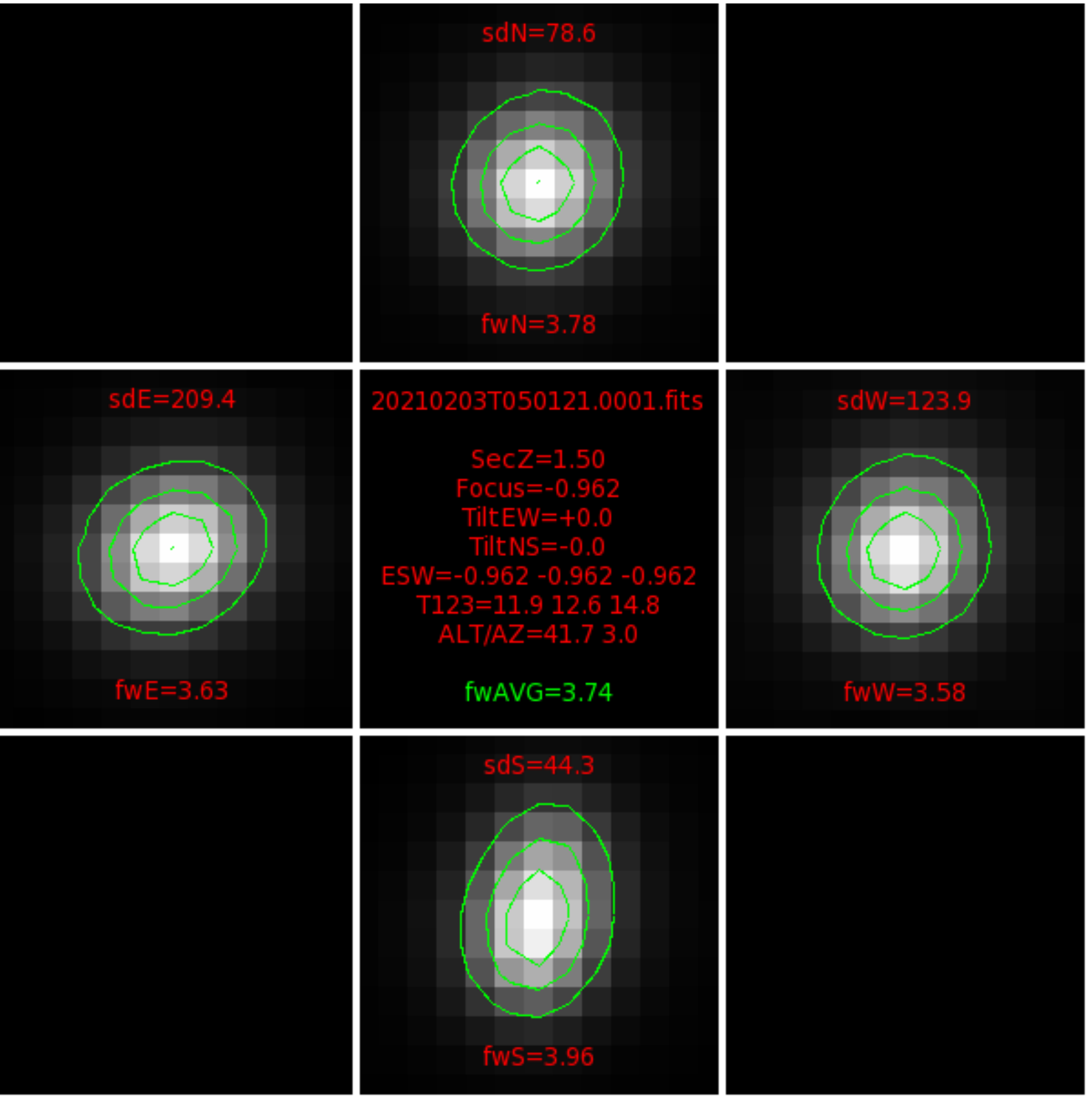
sdN=78.6
fwN=3.78
sdE=209.4
fwE=3.63
20210203T050121.0001.fits
SecZ=1.50
Focus=-0.962
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.962 -0.962 -0.962
T123=11.9 12.6 14.8
ALT/AZ=41.7 3.0
fwAVG=3.74
sdW=123.9
fwW=3.58
sdS=44.3
fwS=3.96
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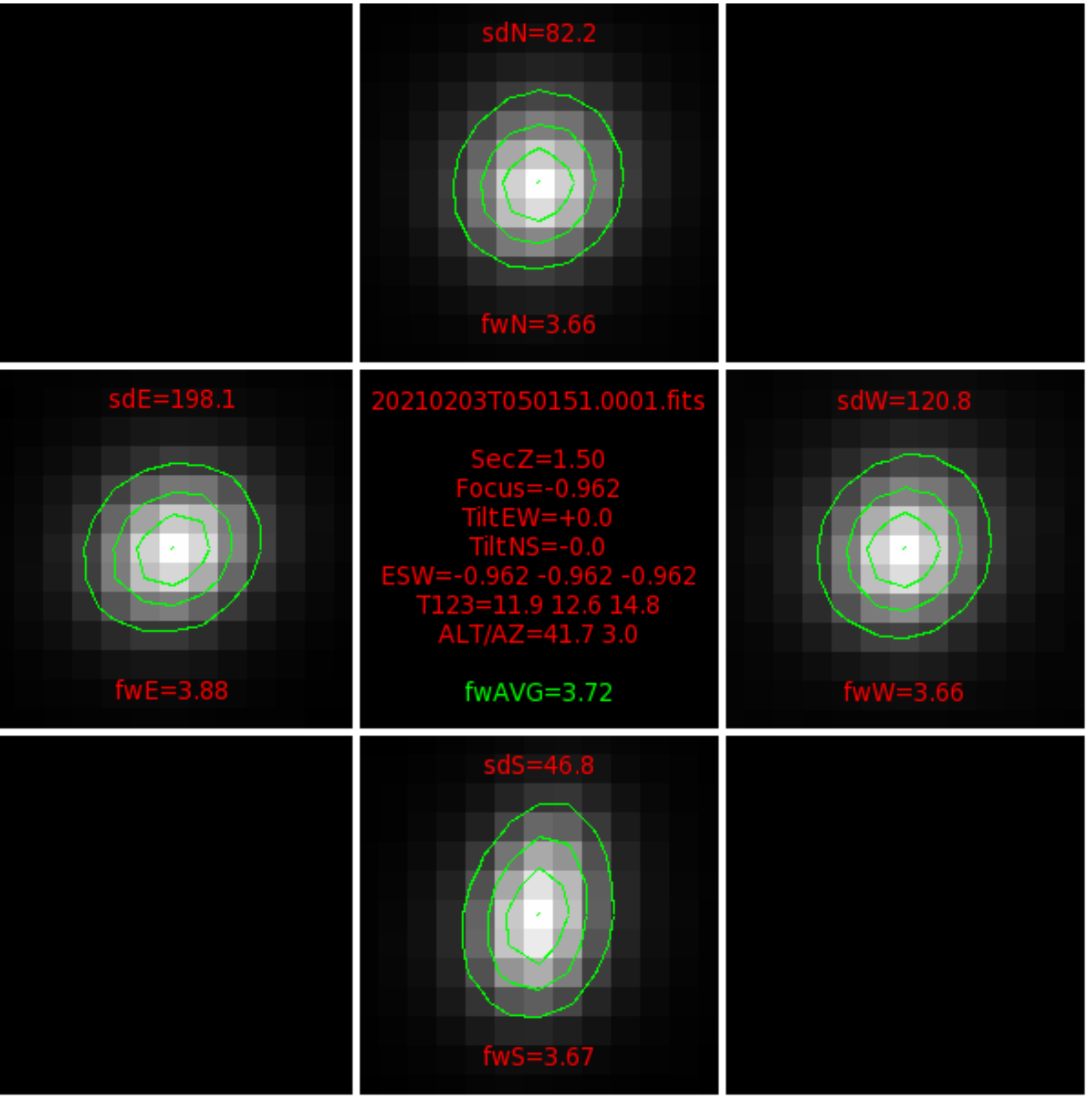
sdN=82.2
fwN=3.66
sdE=198.1
fwE=3.88
20210203T050151.0001.fits
SecZ=1.50
Focus=-0.962
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.962 -0.962 -0.962
T123=11.9 12.6 14.8
ALT/AZ=41.7 3.0
fwAVG=3.72
sdW=120.8
fwW=3.66
sdS=46.8
fwS=3.67
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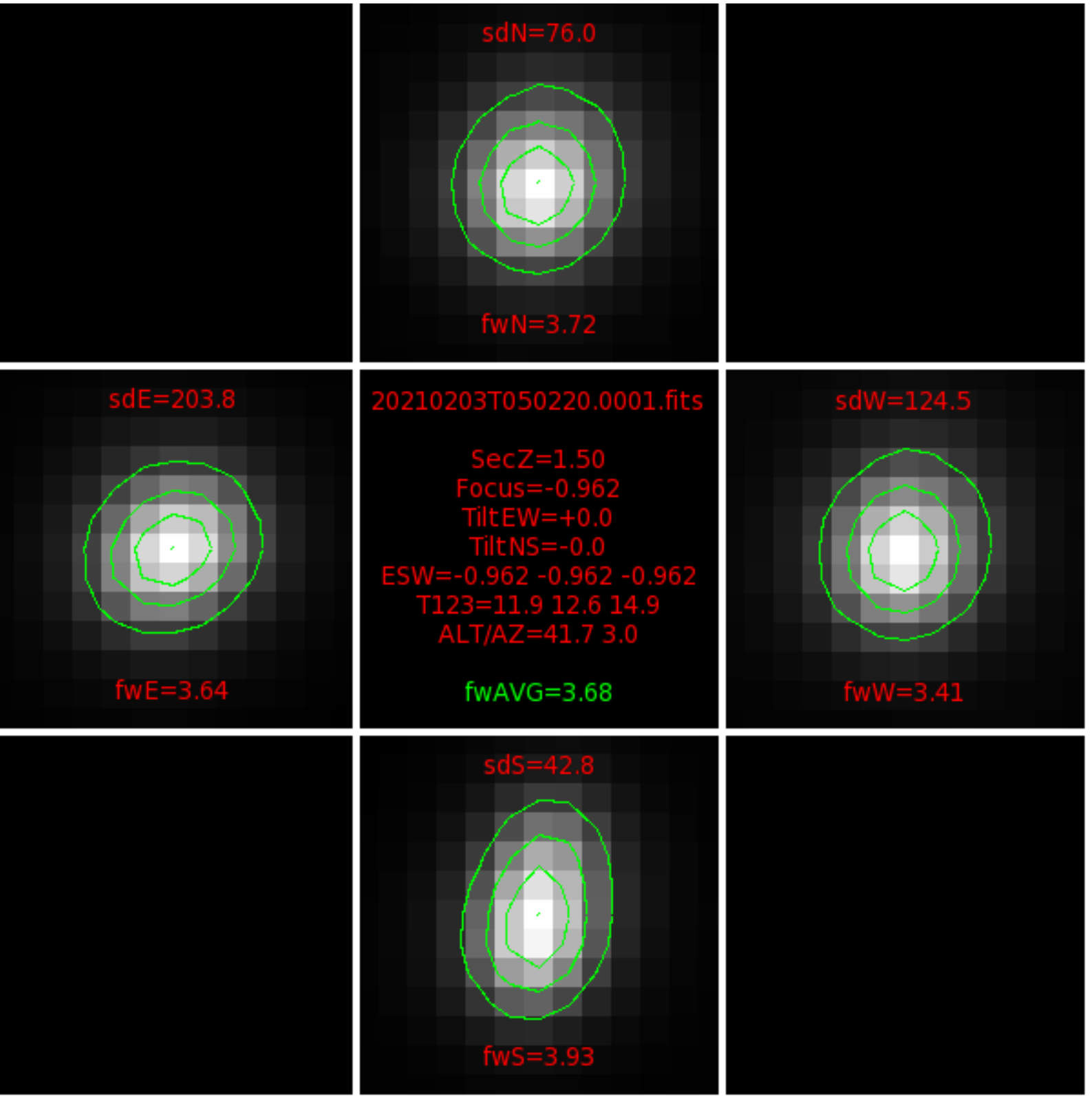
sdN=76.0
fwN=3.72
sdE=203.8
fwE=3.64
20210203T050220.0001.fits
SecZ=1.50
Focus=-0.962
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.962 -0.962 -0.962
T123=11.9 12.6 14.9
ALT/AZ=41.7 3.0
fwAVG=3.68
sdW=124.5
fwW=3.41
sdS=42.8
fwS=3.93
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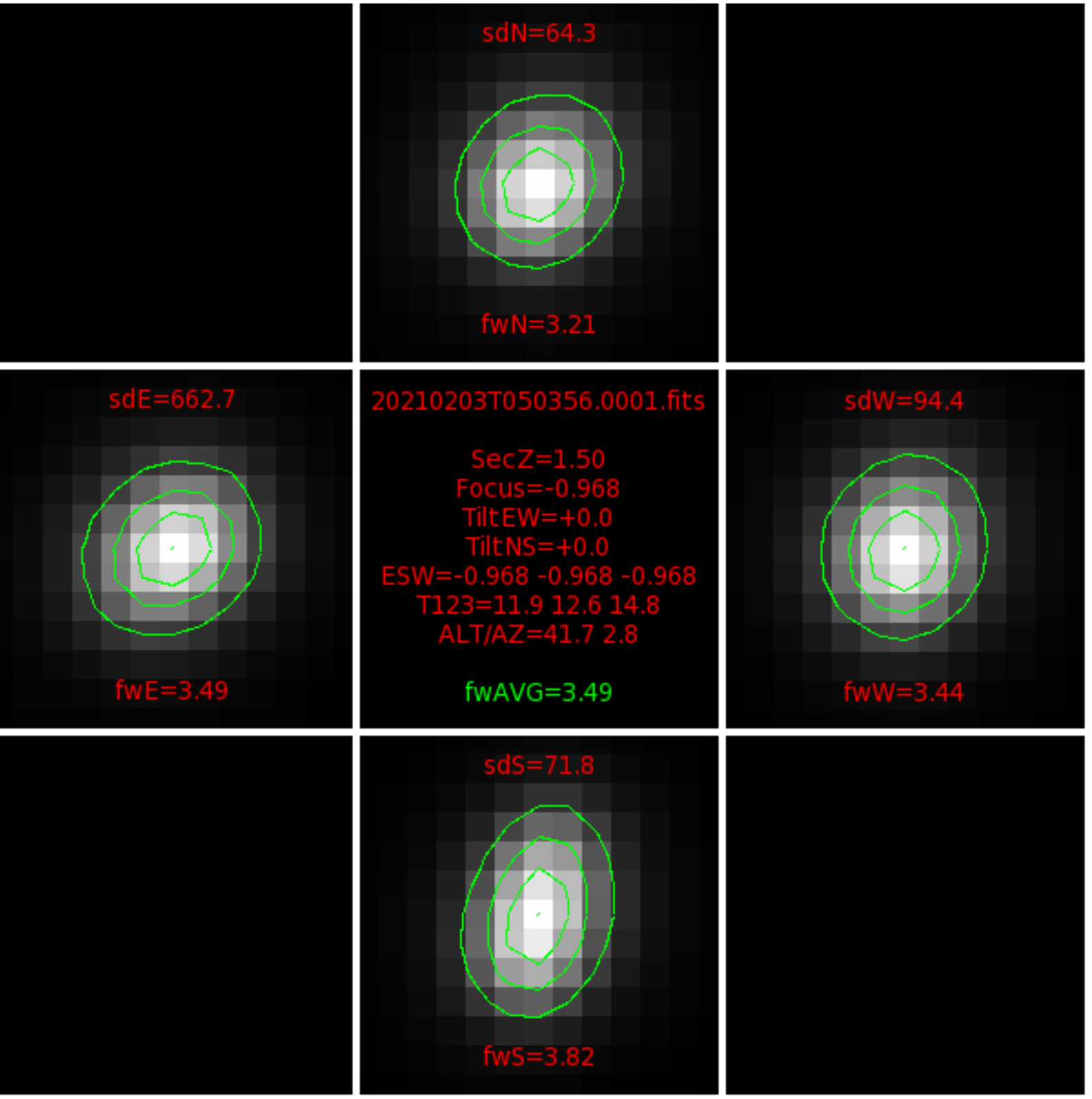
sdN=64.3
fwN=3.21
sdE=662.7
fwE=3.49
20210203T050356.0001.fits
SecZ=1.50
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.6 14.8
ALT/AZ=41.7 2.8
fwAVG=3.49
sdW=94.4
fwW=3.44
sdS=71.8
fwS=3.82
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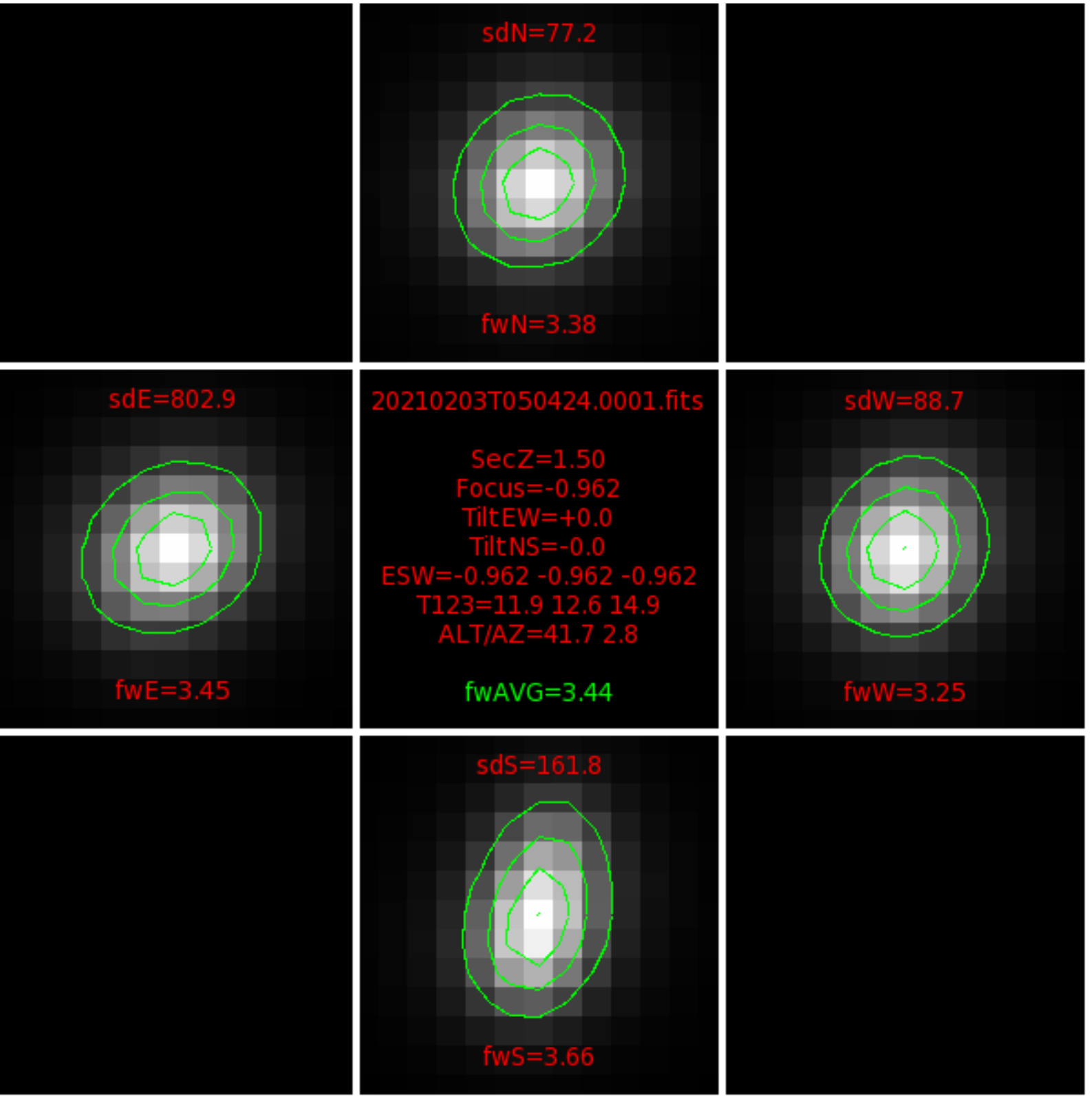
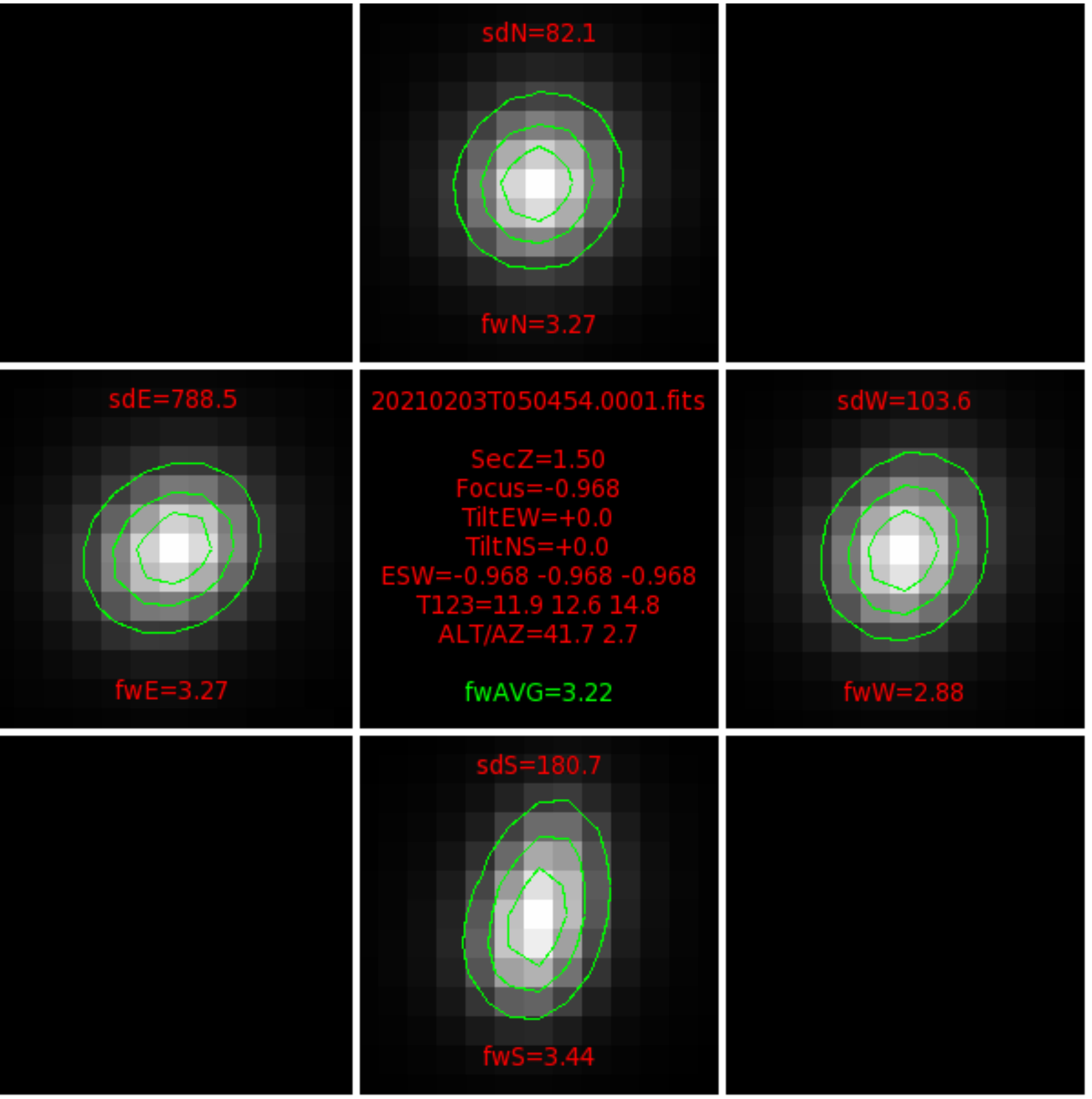

sdN=77.2
fwN=3.38
sdE=802.9
fwE=3.45
20210203T050424.0001.fits
SecZ=1.50
Focus=-0.962
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.962 -0.962 -0.962
T123=11.9 12.6 14.9
ALT/AZ=41.7 2.8
fwAVG=3.44
sdW=88.7
fwW=3.25
sdS=161.8
fwS=3.66
0 0 0 0 0 0 0 0 0


sdN=82.1
fwN=3.27
sdE=788.5
fwE=3.27
20210203T050454.0001.fits
SecZ=1.50
Focus=-0.968
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.968 -0.968 -0.968
T123=11.9 12.6 14.8
ALT/AZ=41.7 2.7
fwAVG=3.22
sdW=103.6
fwW=2.88
sdS=180.7
fwS=3.44
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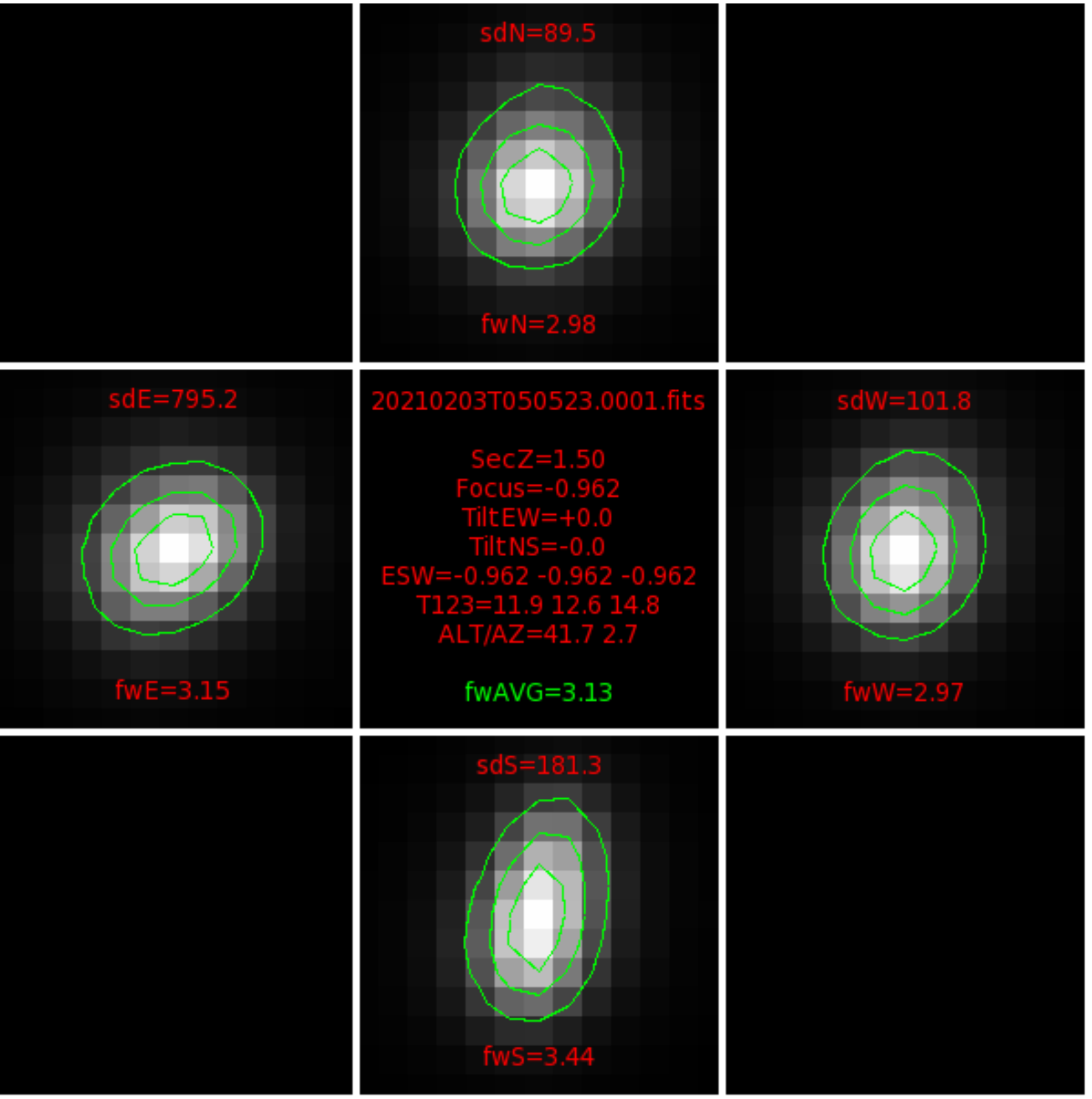
sdN=89.5
fwN=2.98
sdE=795.2
fwE=3.15
20210203T050523.0001.fits
SecZ=1.50
Focus=-0.962
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.962 -0.962 -0.962
T123=11.9 12.6 14.8
ALT/AZ=41.7 2.7
fwAVG=3.13
sdW=101.8
fwW=2.97
sdS=181.3
fwS=3.44
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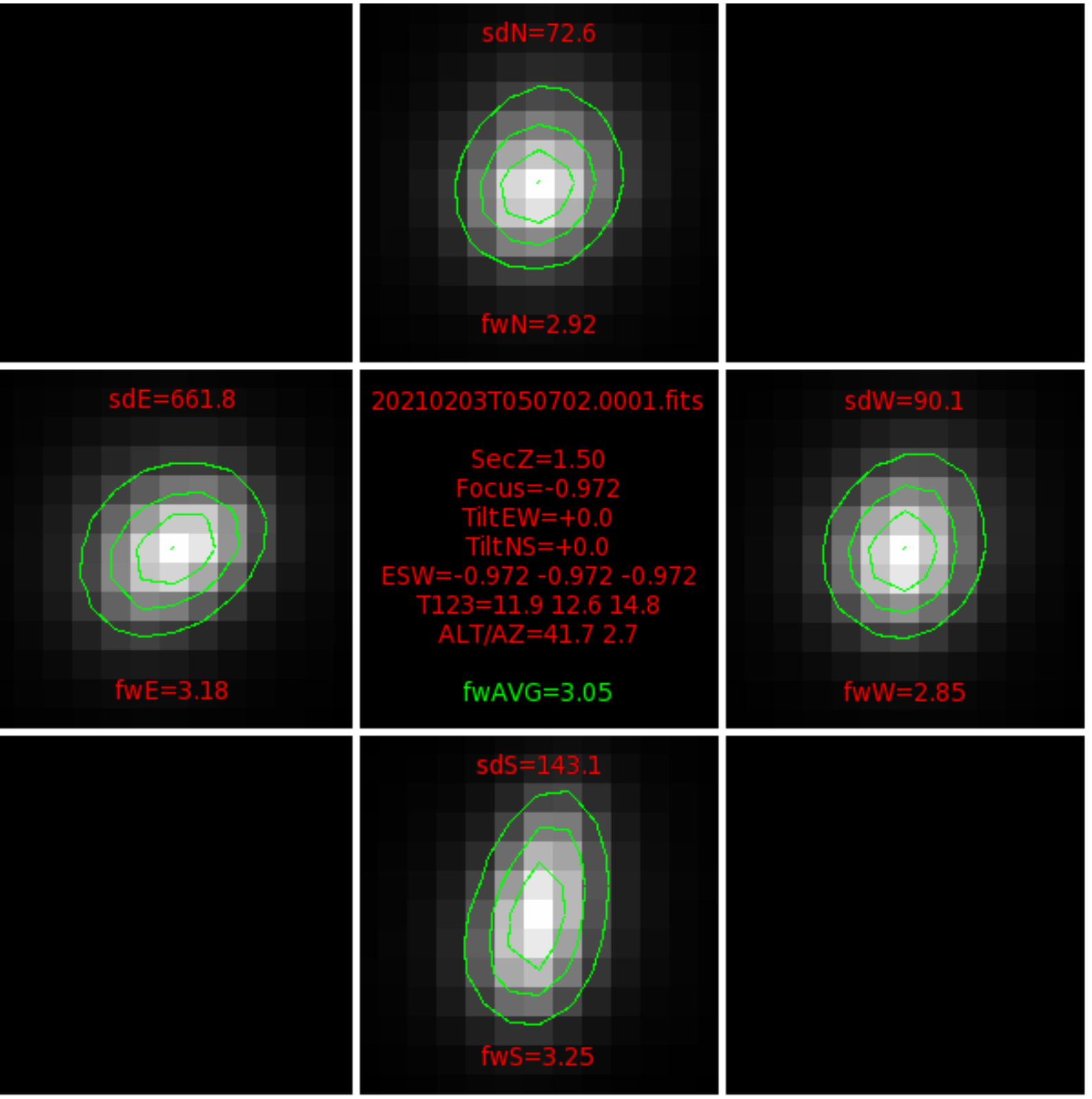
sdN=72.6
fwN=2.92
sdE=661.8
fwE=3.18
20210203T050702.0001.fits
SecZ=1.50
Focus=-0.972
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.972 -0.972 -0.972
T123=11.9 12.6 14.8
ALT/AZ=41.7 2.7
fwAVG=3.05
sdW=90.1
fwW=2.85
sdS=143.1
fwS=3.25
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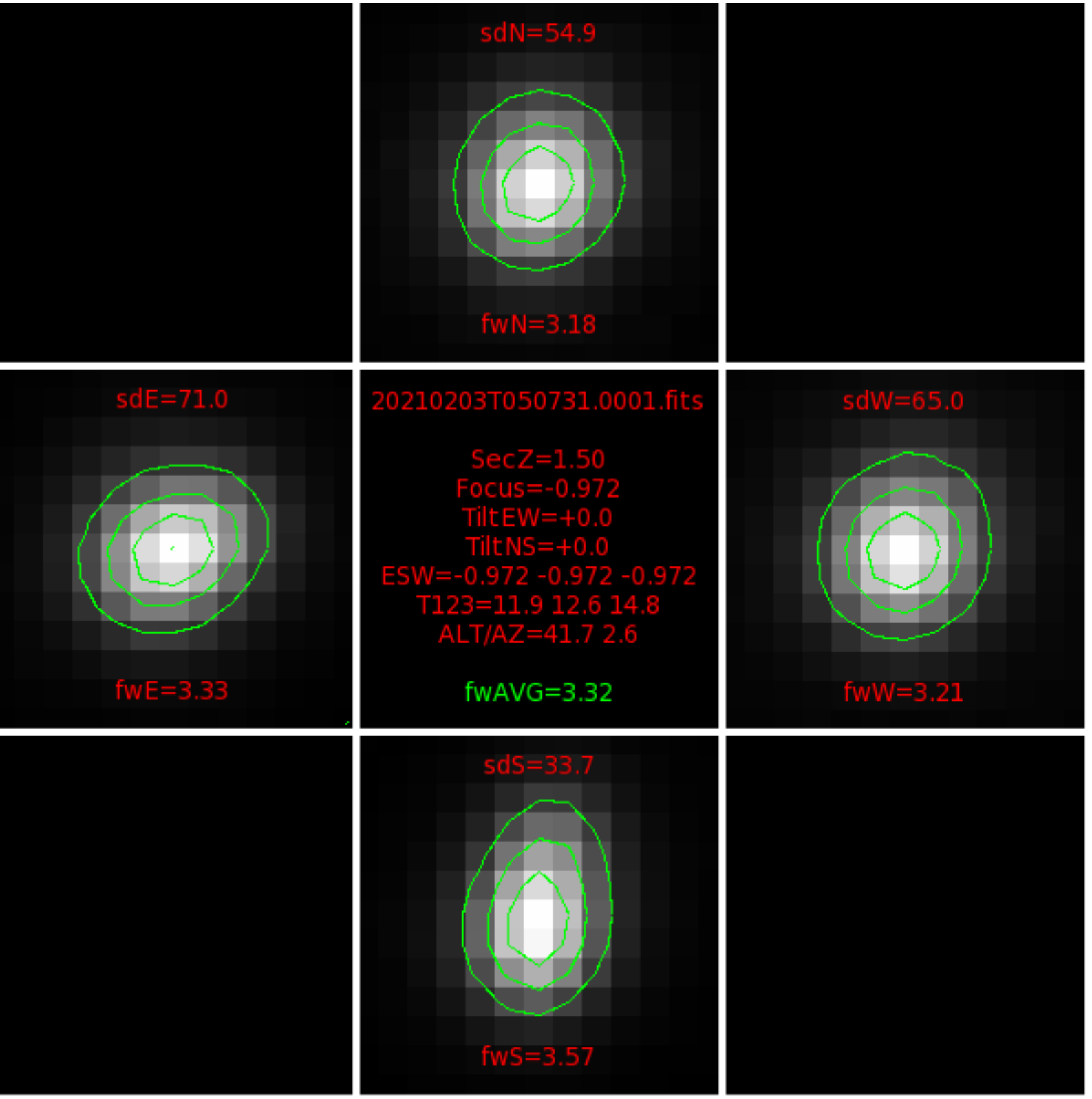
sdN=54.9
fwN=3.18
sdE=71.0
fwE=3.33
20210203T050731.0001.fits
SecZ=1.50
Focus=-0.972
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.972 -0.972 -0.972
T123=11.9 12.6 14.8
ALT/AZ=41.7 2.6
fwAVG=3.32
sdW=65.0
fwW=3.21
sdS=33.7
fwS=3.57
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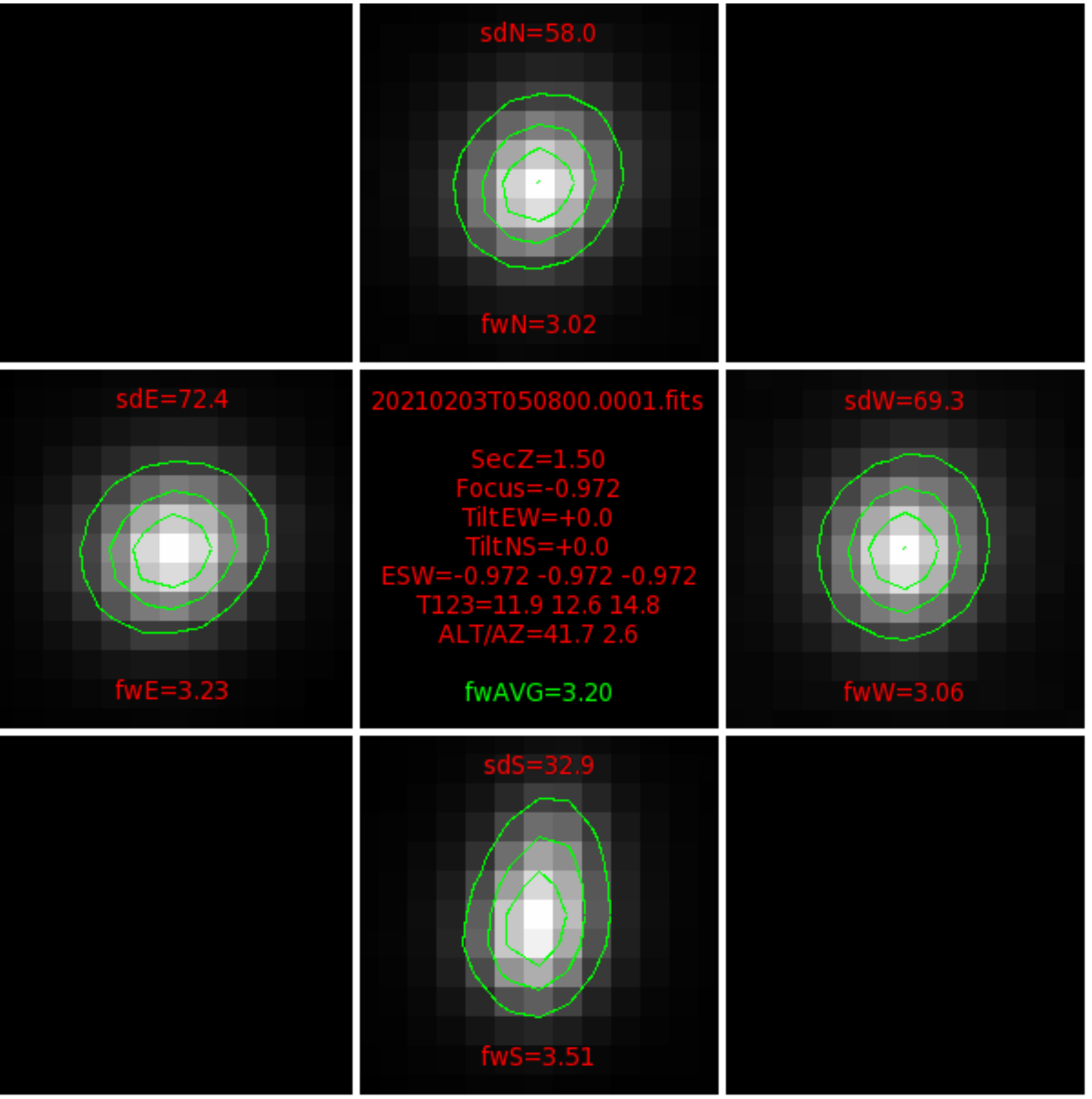
sdN=58.0
fwN=3.02
sdE=72.4
fwE=3.23
20210203T050800.0001.fits
SecZ=1.50
Focus=-0.972
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.972 -0.972 -0.972
T123=11.9 12.6 14.8
ALT/AZ=41.7 2.6
fwAVG=3.20
sdW=69.3
fwW=3.06
sdS=32.9
fwS=3.51
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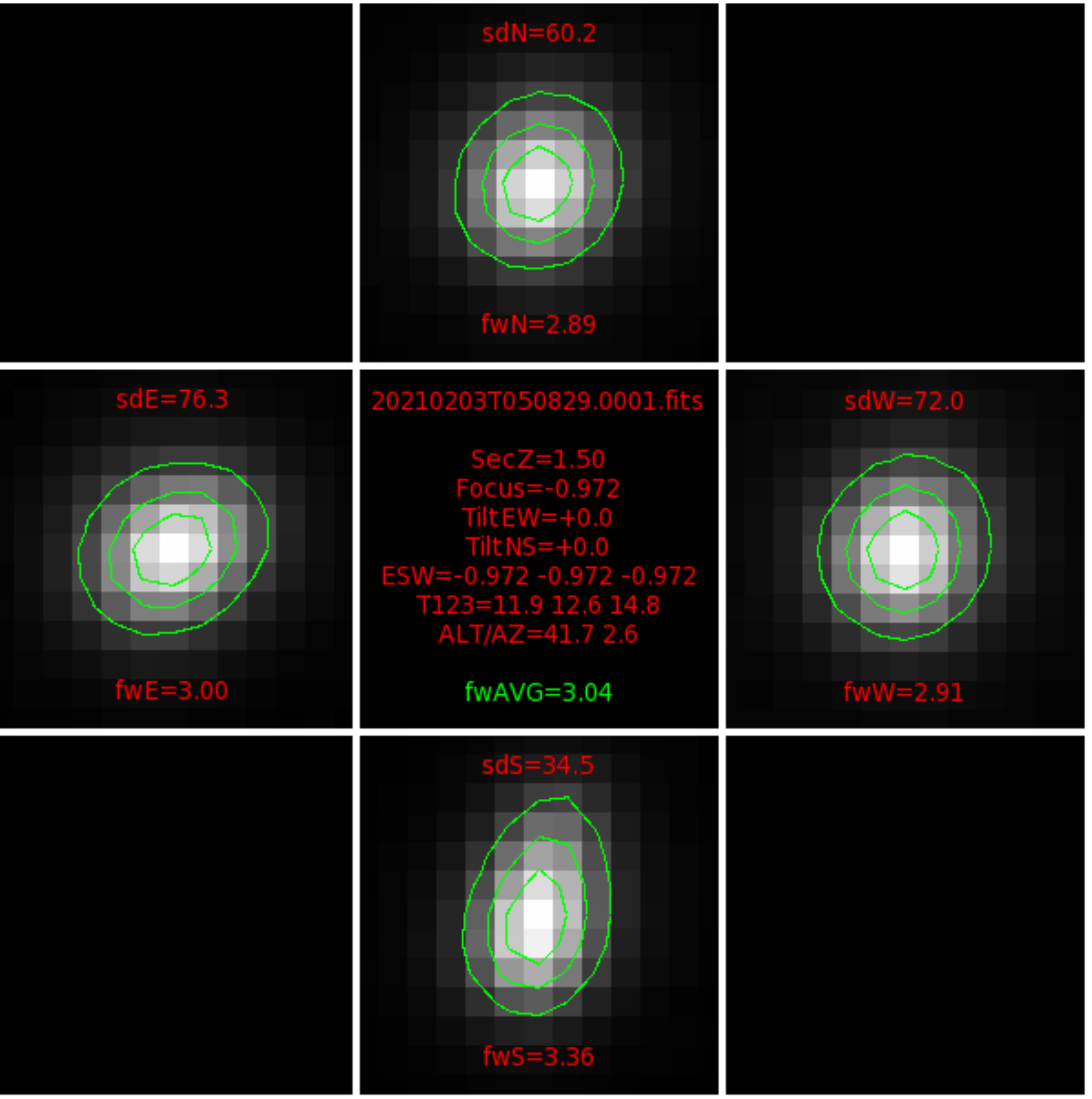
sdN=60.2
fwN=2.89
sdE=76.3
fwE=3.00
20210203T050829.0001.fits
SecZ=1.50
Focus=-0.972
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.972 -0.972 -0.972
T123=11.9 12.6 14.8
ALT/AZ=41.7 2.6
fwAVG=3.04
sdW=72.0
fwW=2.91
sdS=34.5
fwS=3.36
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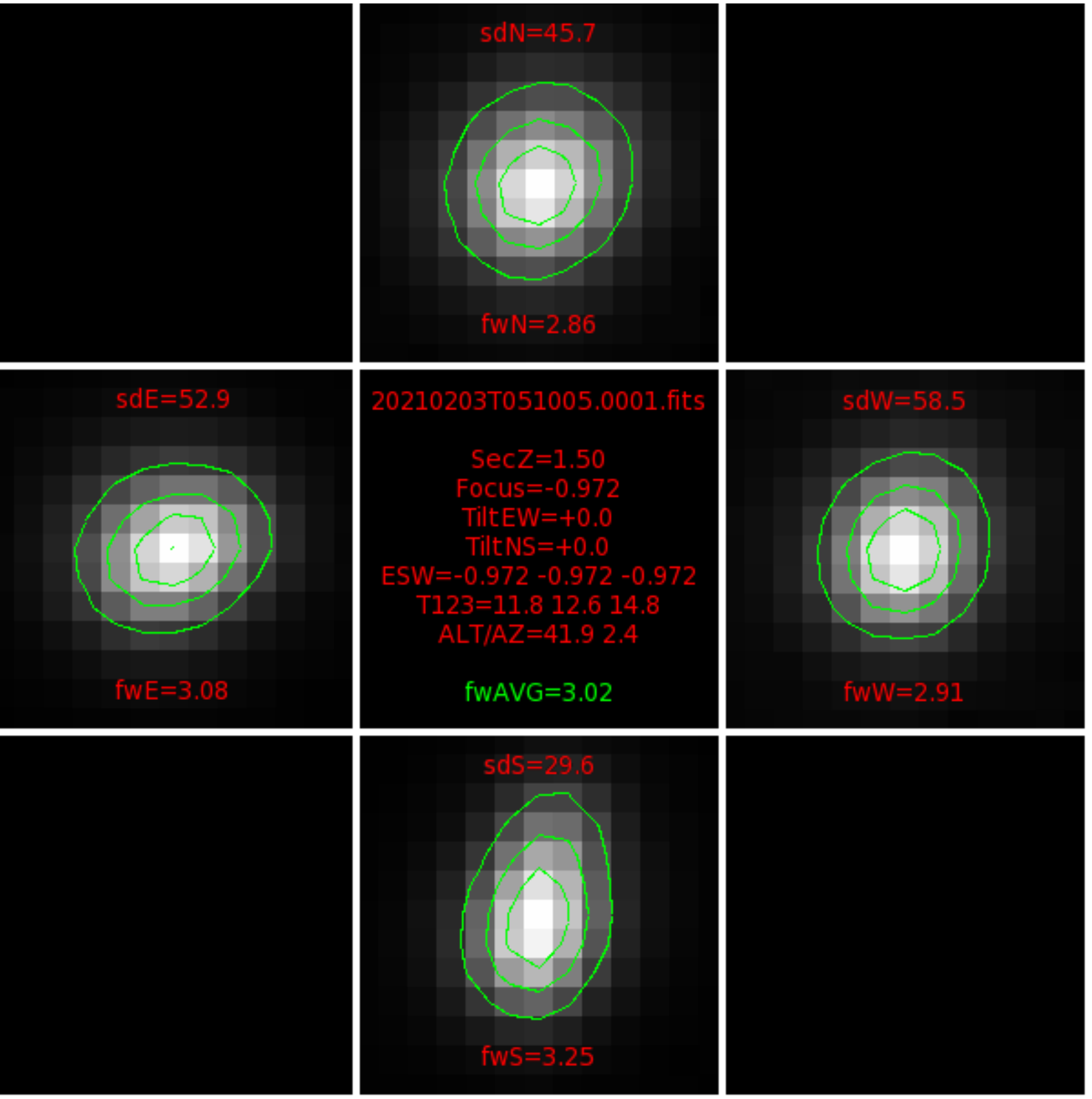
sdN=45.7
fwN=2.86
sdE=52.9
fwE=3.08
20210203T051005.0001.fits
SecZ=1.50
Focus=-0.972
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.972 -0.972 -0.972
T123=11.8 12.6 14.8
ALT/AZ=41.9 2.4
fwAVG=3.02
sdW=58.5
fwW=2.91
sdS=29.6
fwS=3.25
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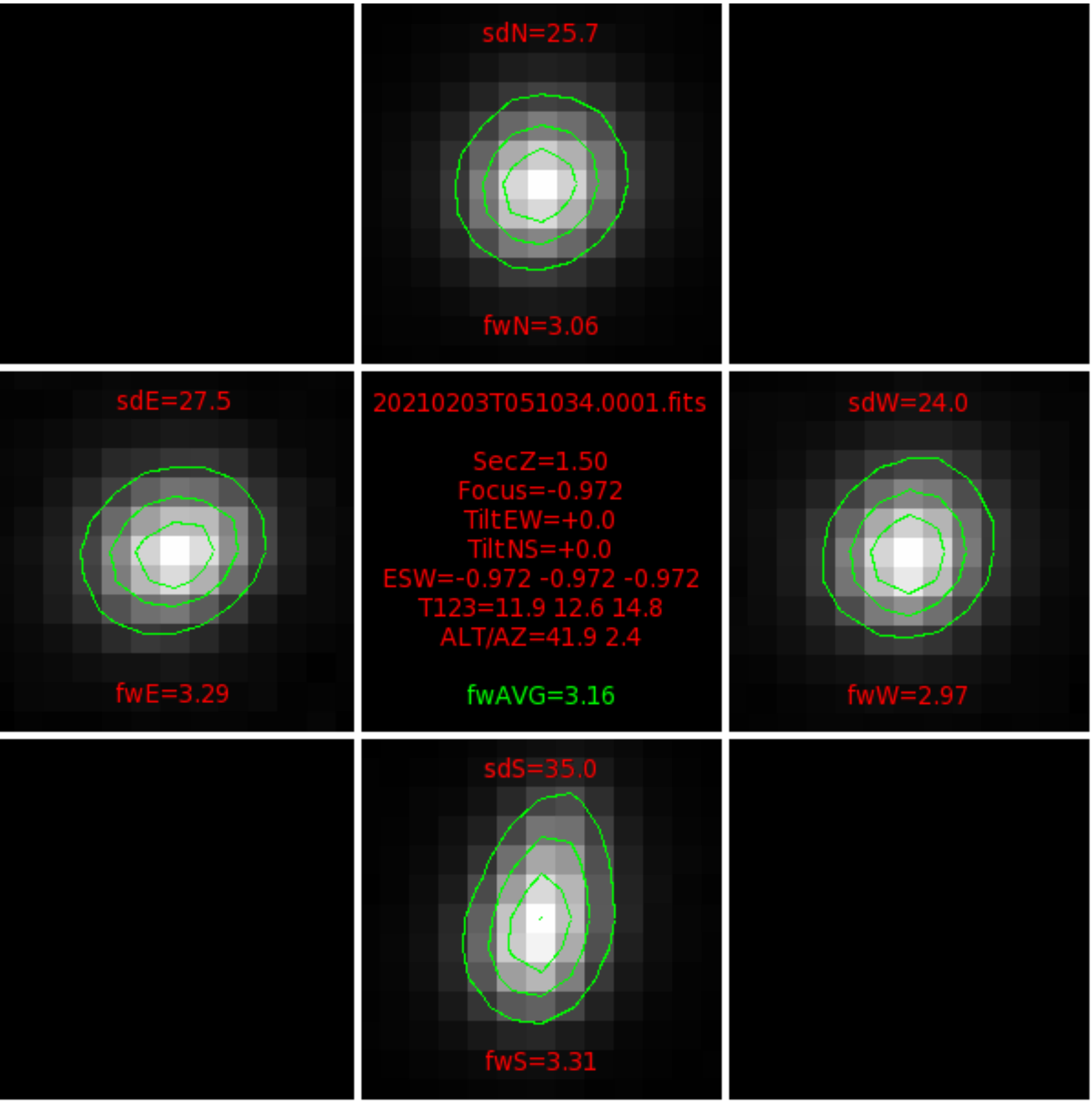
sdN=25.7
fwN=3.06
sdE=27.5
fwE=3.29
20210203T051034.0001.fits
SecZ=1.50
Focus=-0.972
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.972 -0.972 -0.972
T123=11.9 12.6 14.8
ALT/AZ=41.9 2.4
fwAVG=3.16
sdW=24.0
fwW=2.97
sdS=35.0
fwS=3.31
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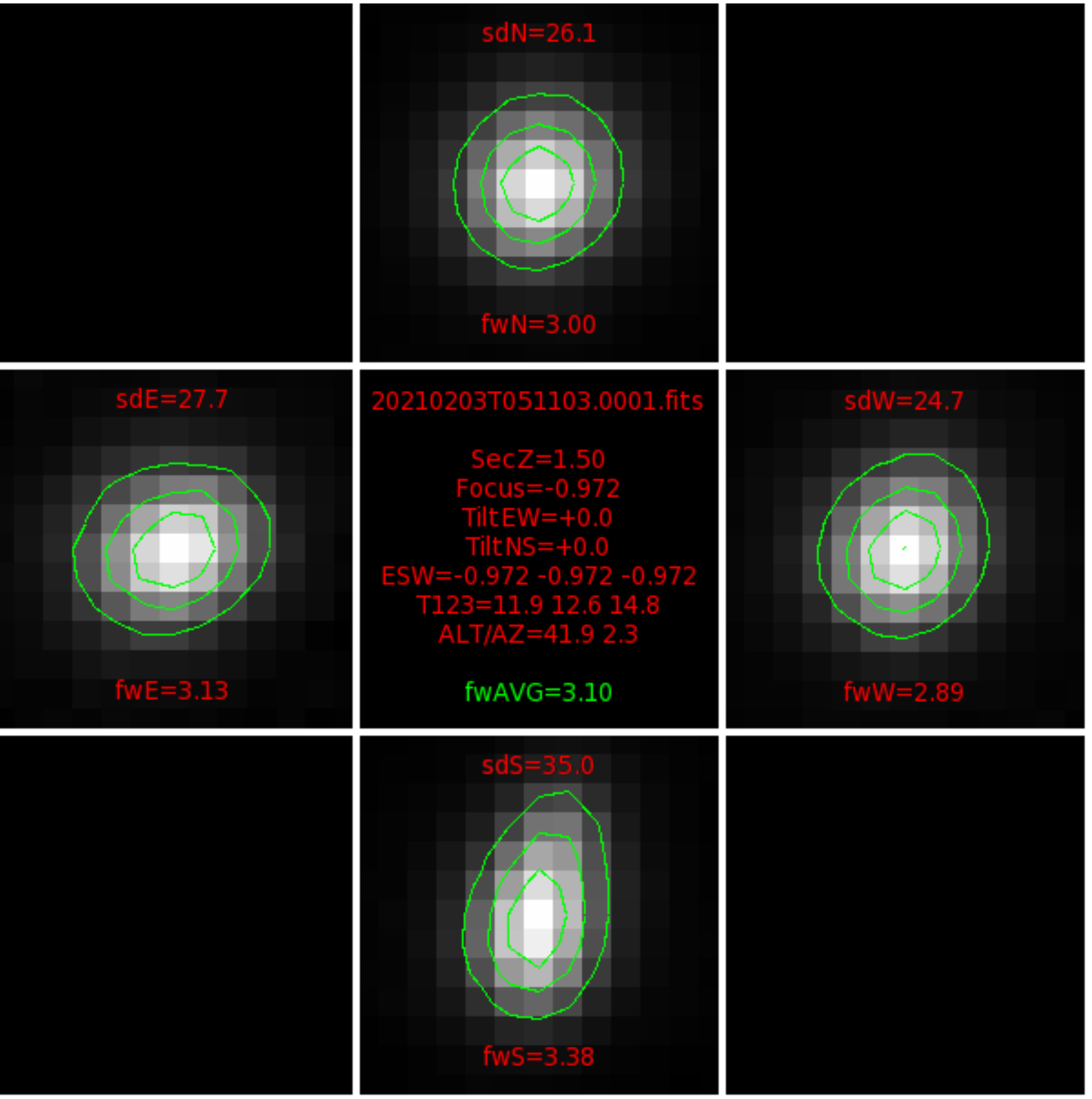
sdN=26.1
fwN=3.00
sdE=27.7
fwE=3.13
20210203T051103.0001.fits
SecZ=1.50
Focus=-0.972
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.972 -0.972 -0.972
T123=11.9 12.6 14.8
ALT/AZ=41.9 2.3
fwAVG=3.10
sdW=24.7
fwW=2.89
sdS=35.0
fwS=3.38
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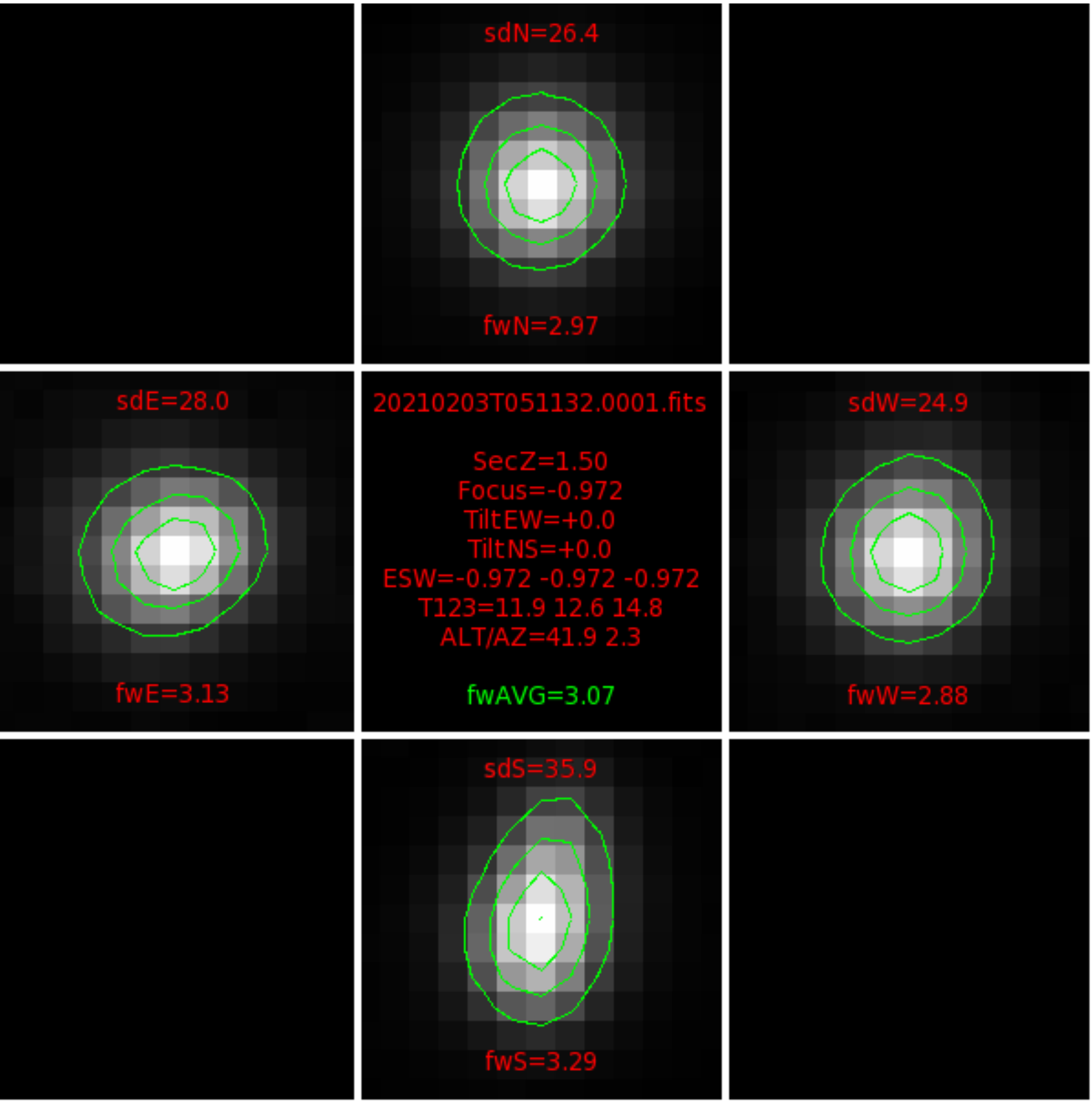
sdN=26.4
fwN=2.97
sdE=28.0
fwE=3.13
20210203T051132.0001.fits
SecZ=1.50
Focus=-0.972
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.972 -0.972 -0.972
T123=11.9 12.6 14.8
ALT/AZ=41.9 2.3
fwAVG=3.07
sdW=24.9
fwW=2.88
sdS=35.9
fwS=3.29
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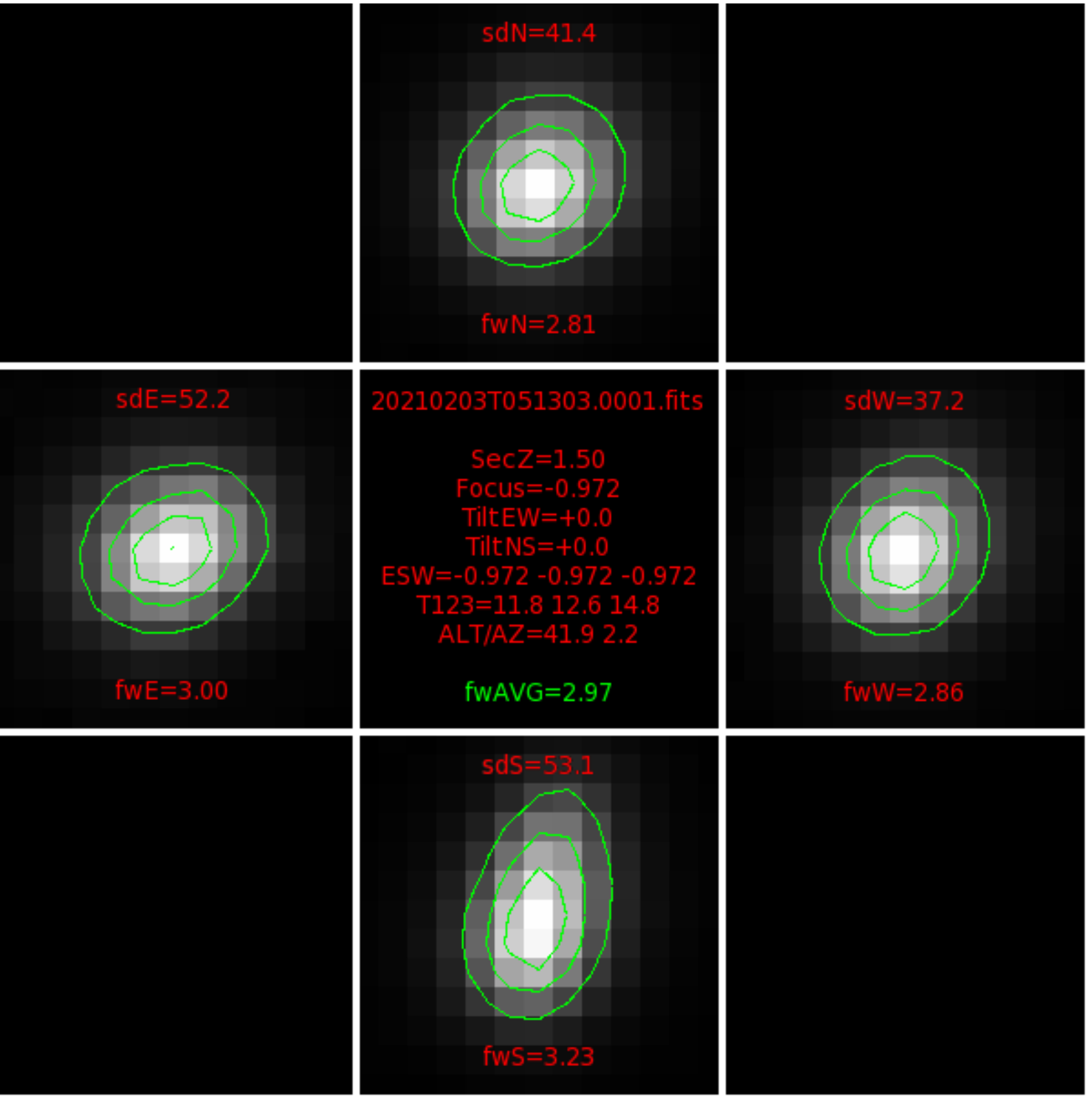
sdN=41.4
fwN=2.81
sdE=52.2
fwE=3.00
20210203T051303.0001.fits
SecZ=1.50
Focus=-0.972
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.972 -0.972 -0.972
T123=11.8 12.6 14.8
ALT/AZ=41.9 2.2
fwAVG=2.97
sdW=37.2
fwW=2.86
sdS=53.1
fwS=3.23
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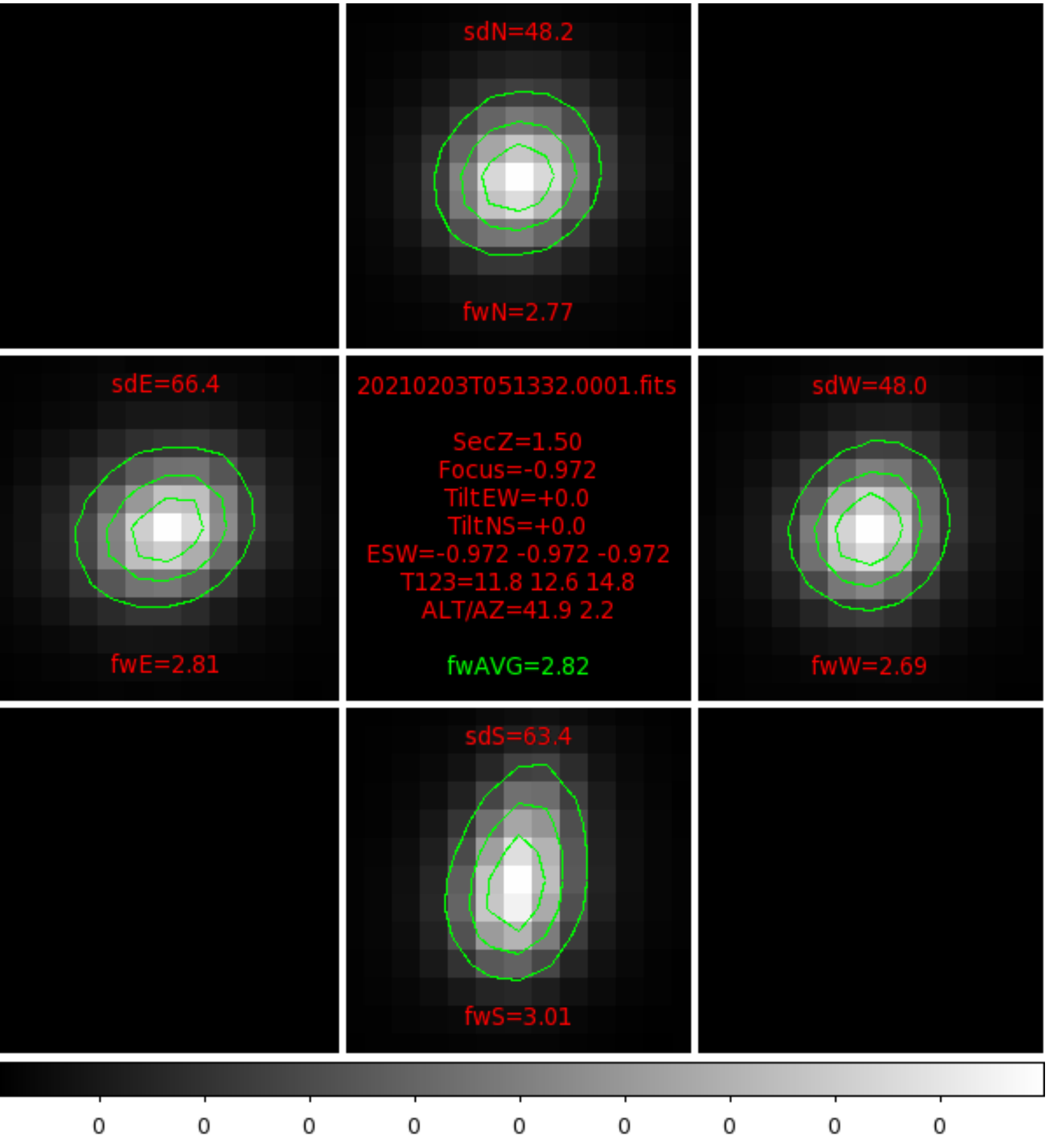
sdN=48.2
fwN=2.77
sdE=66.4
fwE=2.81
20210203T051332.0001.fits
SecZ=1.50
Focus=-0.972
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.972 -0.972 -0.972
T123=11.8 12.6 14.8
ALT/AZ=41.9 2.2
fwAVG=2.82
sdW=48.0
fwW=2.69
sdS=63.4
fwS=3.01
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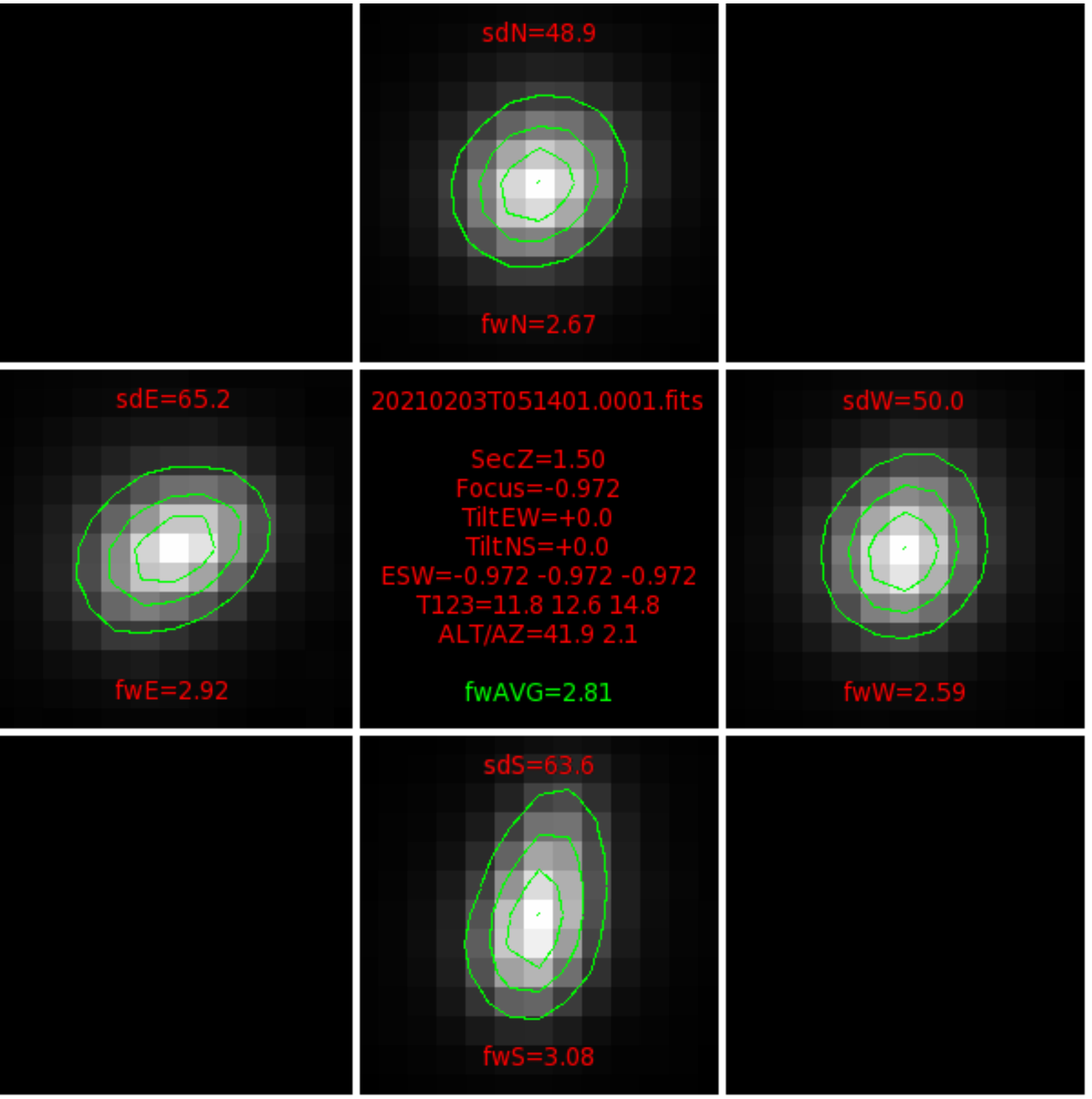
sdN=48.9
fwN=2.67
sdE=65.2
fwE=2.92
20210203T051401.0001.fits
SecZ=1.50
Focus=-0.972
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.972 -0.972 -0.972
T123=11.8 12.6 14.8
ALT/AZ=41.9 2.1
fwAVG=2.81
sdW=50.0
fwW=2.59
sdS=63.6
fwS=3.08
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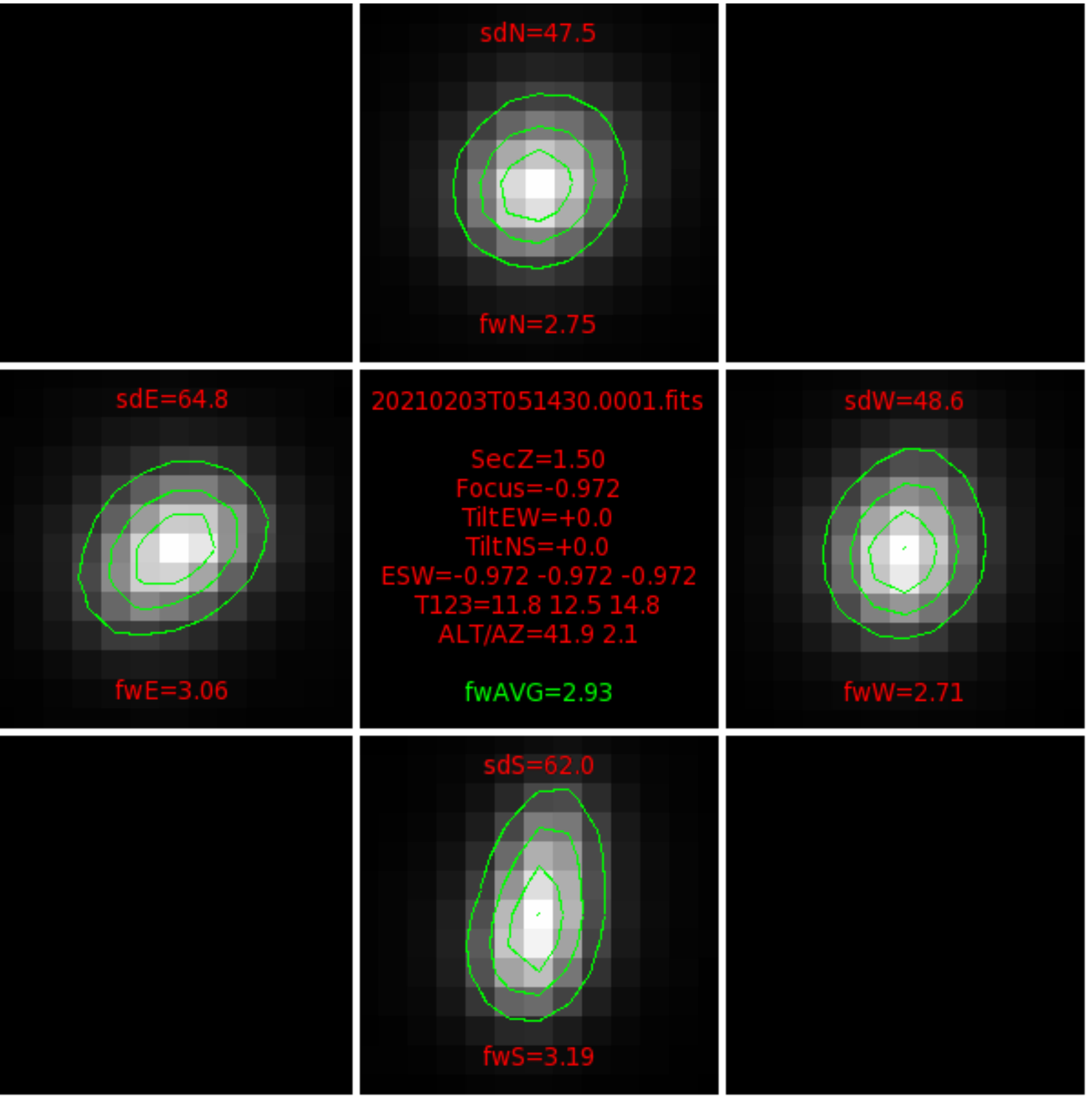
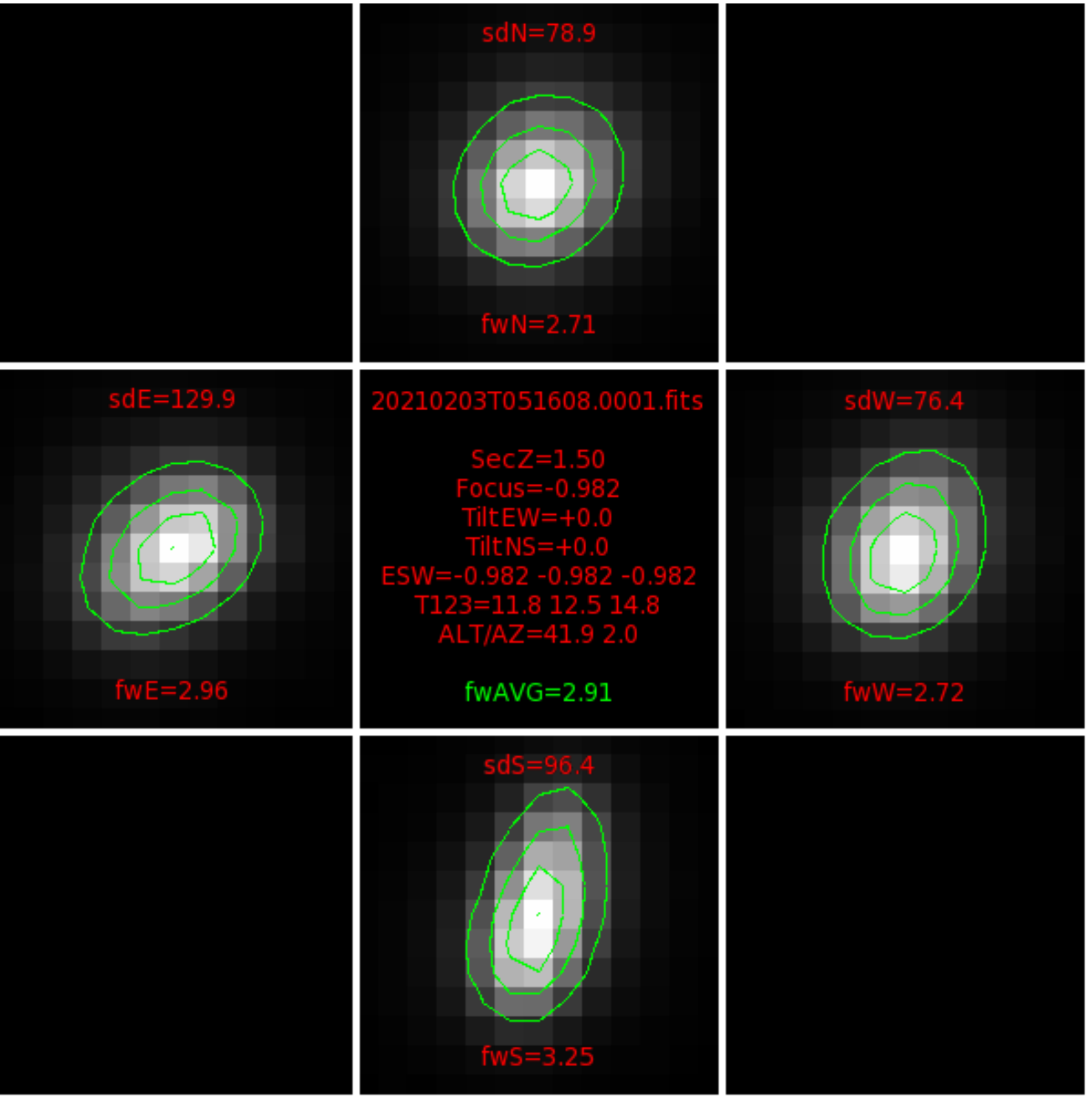

sdN=47.5
fwN=2.75
sdE=64.8
fwE=3.06
20210203T051430.0001.fits
SecZ=1.50
Focus=-0.972
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.972 -0.972 -0.972
T123=11.8 12.5 14.8
ALT/AZ=41.9 2.1
fwAVG=2.93
sdW=48.6
fwW=2.71
sdS=62.0
fwS=3.19
0 0 0 0 0 0 0 0 0


sdN=78.9
fwN=2.71
sdE=129.9
fwE=2.96
20210203T051608.0001.fits
SecZ=1.50
Focus=-0.982
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.982 -0.982 -0.982
T123=11.8 12.5 14.8
ALT/AZ=41.9 2.0
fwAVG=2.91
sdW=76.4
fwW=2.72
sdS=96.4
fwS=3.25
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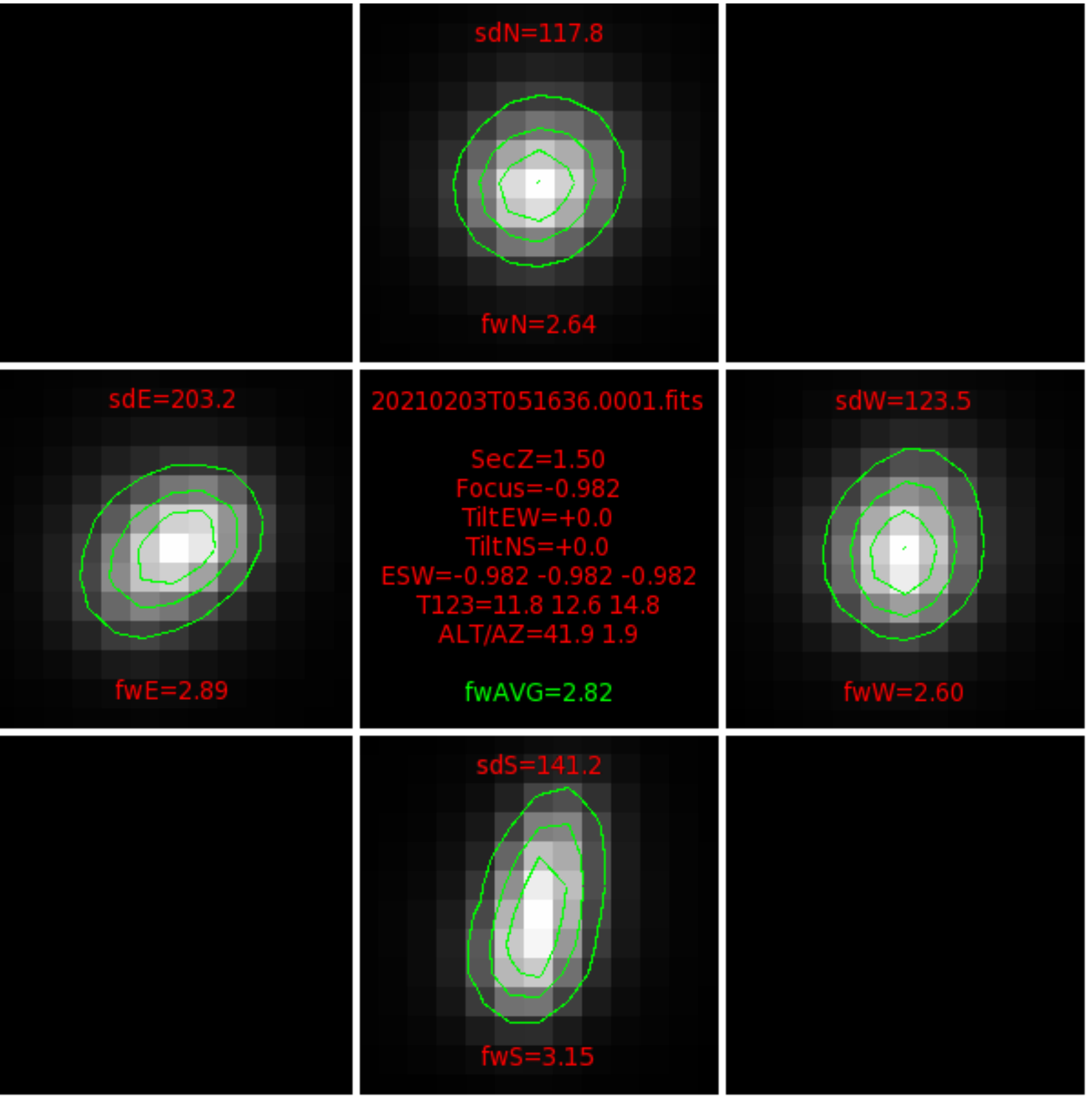
sdN=117.8
fwN=2.64
sdE=203.2
fwE=2.89
20210203T051636.0001.fits
SecZ=1.50
Focus=-0.982
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.982 -0.982 -0.982
T123=11.8 12.6 14.8
ALT/AZ=41.9 1.9
fwAVG=2.82
sdW=123.5
fwW=2.60
sdS=141.2
fwS=3.15
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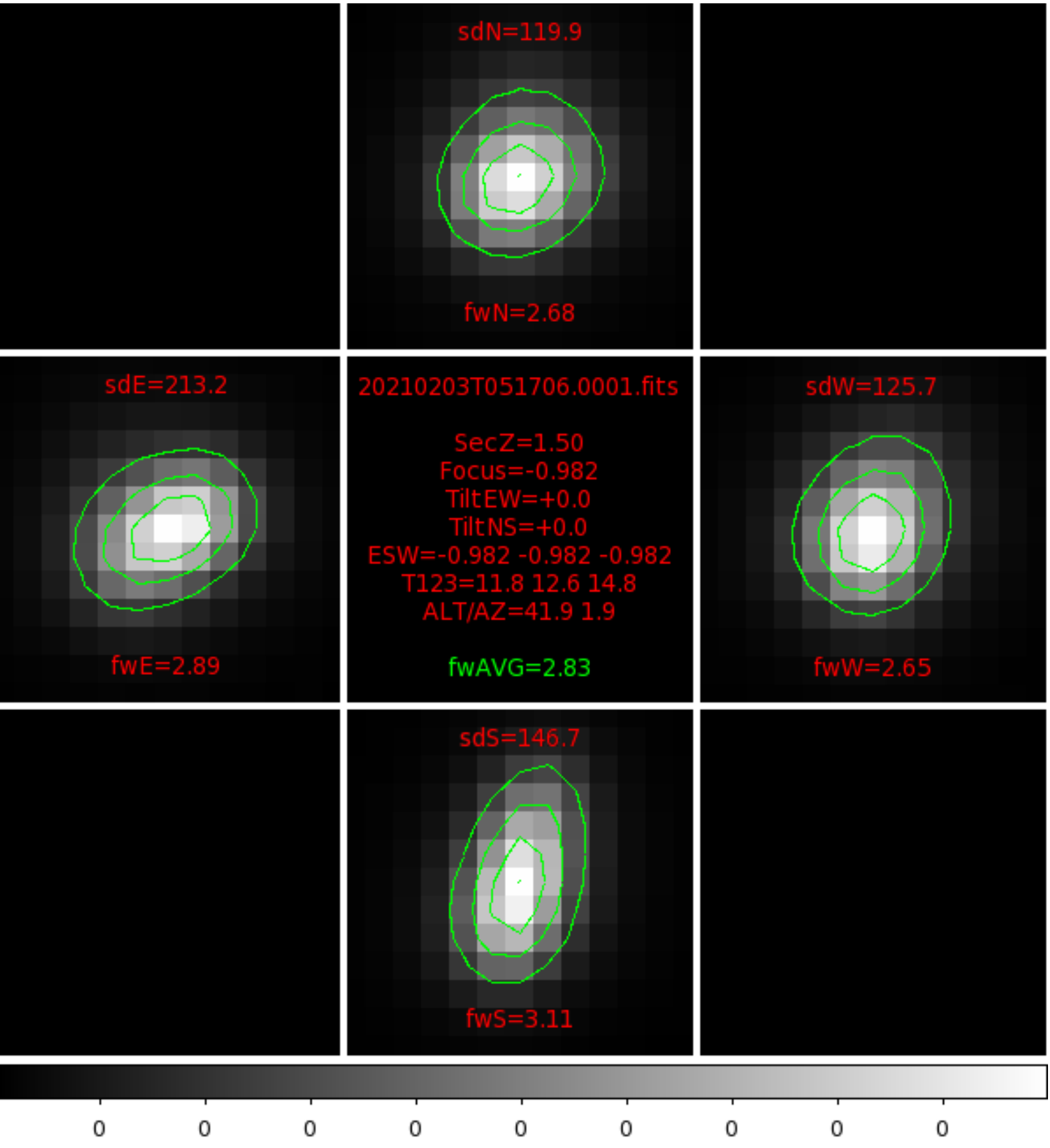
sdN=119.9
fwN=2.68
sdE=213.2
fwE=2.89
20210203T051706.0001.fits
SecZ=1.50
Focus=-0.982
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.982 -0.982 -0.982
T123=11.8 12.6 14.8
ALT/AZ=41.9 1.9
fwAVG=2.83
sdW=125.7
fwW=2.65
sdS=146.7
fwS=3.11
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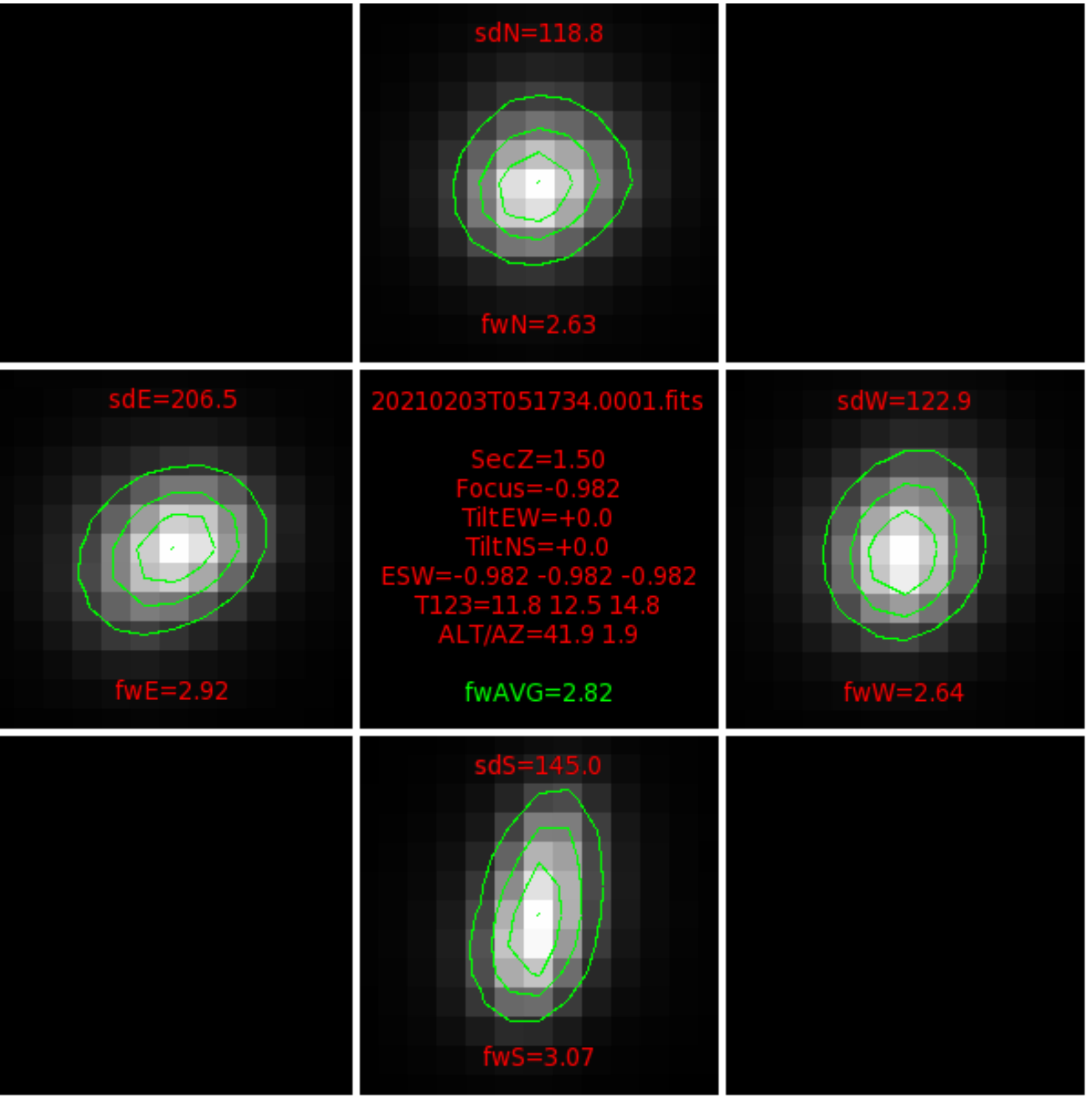
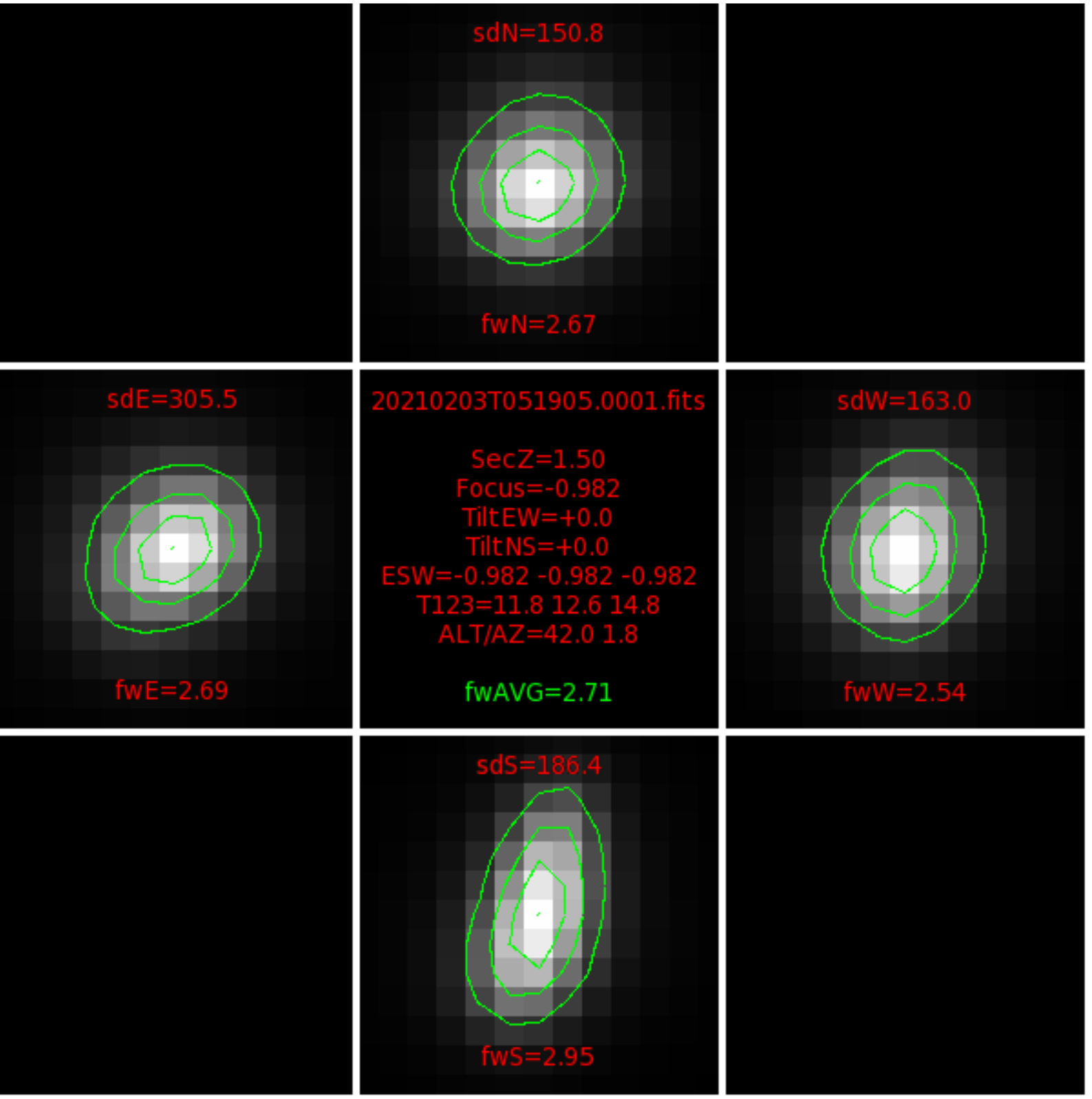

sdN=118.8
fwN=2.63
sdE=206.5
fwE=2.92
20210203T051734.0001.fits
SecZ=1.50
Focus=-0.982
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.982 -0.982 -0.982
T123=11.8 12.5 14.8
ALT/AZ=41.9 1.9
fwAVG=2.82
sdW=122.9
fwW=2.64
sdS=145.0
fwS=3.07
0 0 0 0 0 0 0 0 0


sdN=150.8
fwN=2.67
sdE=305.5
fwE=2.69
20210203T051905.0001.fits
SecZ=1.50
Focus=-0.982
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.982 -0.982 -0.982
T123=11.8 12.6 14.8
ALT/AZ=42.0 1.8
fwAVG=2.71
sdW=163.0
fwW=2.54
sdS=186.4
fwS=2.95
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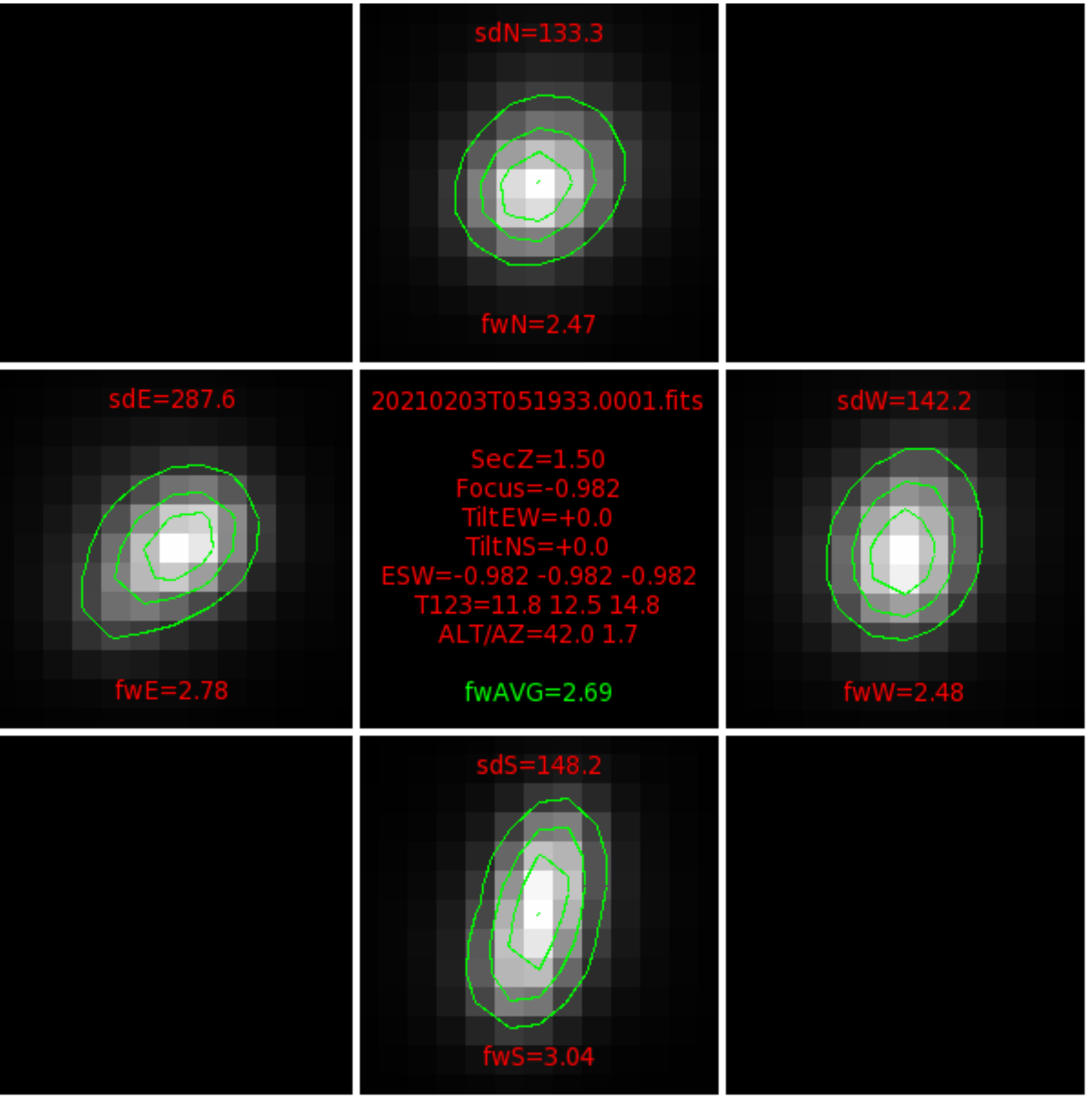
sdN=133.3
fwN=2.47
sdE=287.6
fwE=2.78
20210203T051933.0001.fits
SecZ=1.50
Focus=-0.982
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.982 -0.982 -0.982
T123=11.8 12.5 14.8
ALT/AZ=42.0 1.7
fwAVG=2.69
sdW=142.2
fwW=2.48
sdS=148.2
fwS=3.04
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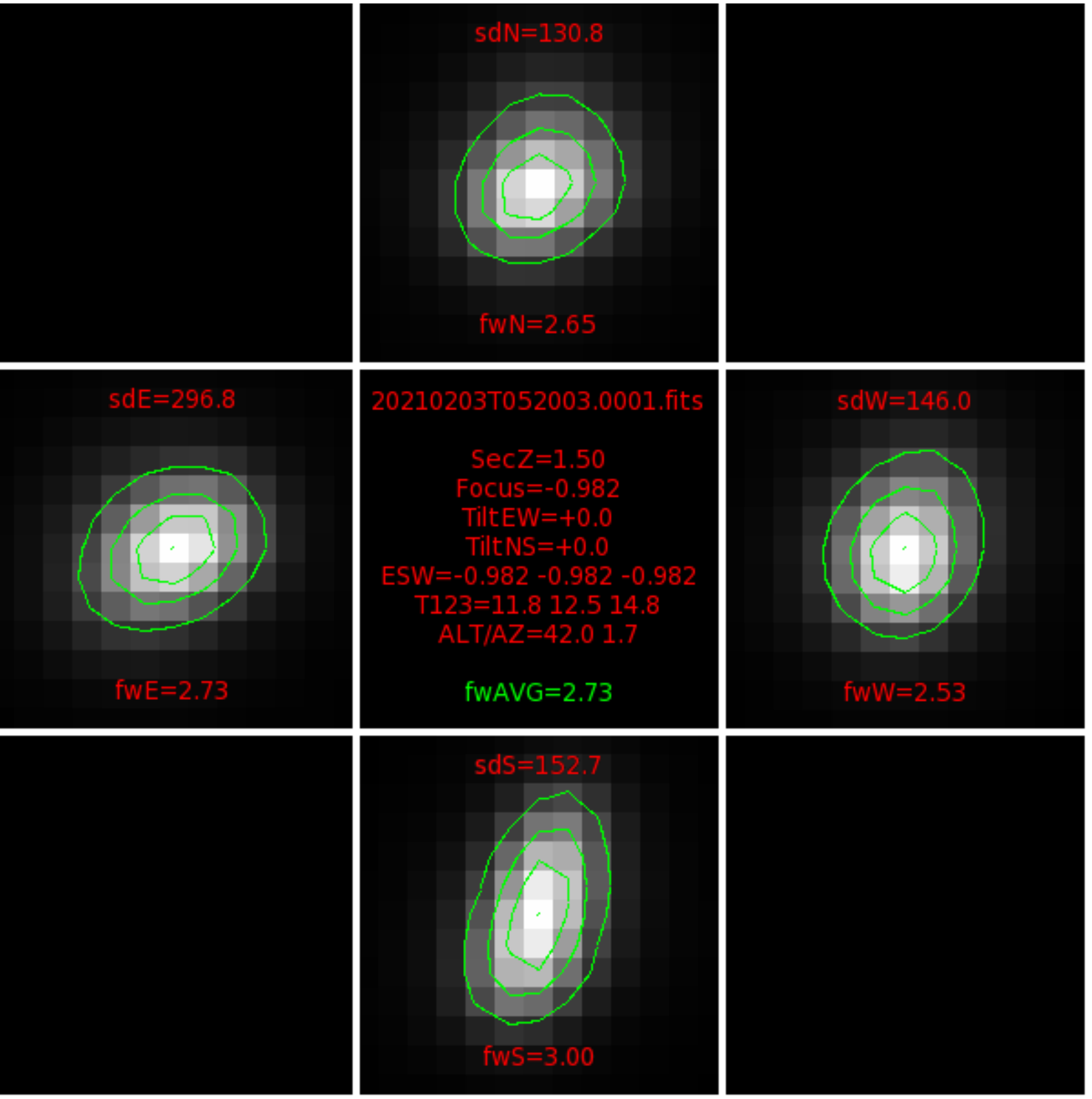
sdN=130.8
fwN=2.65
sdE=296.8
fwE=2.73
20210203T052003.0001.fits
SecZ=1.50
Focus=-0.982
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.982 -0.982 -0.982
T123=11.8 12.5 14.8
ALT/AZ=42.0 1.7
fwAVG=2.73
sdW=146.0
fwW=2.53
sdS=152.7
fwS=3.00
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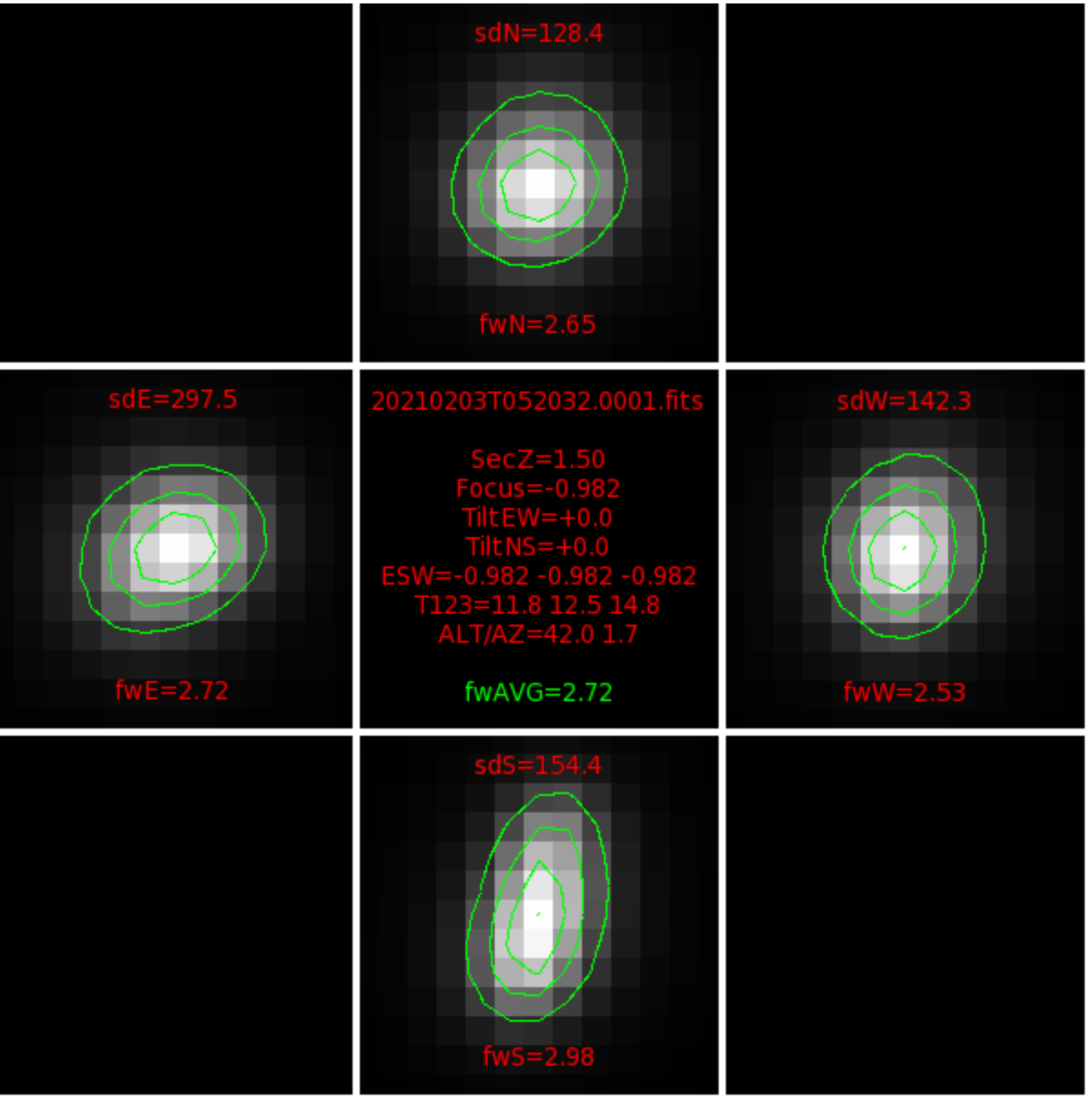
sdN=128.4
fwN=2.65
sdE=297.5
fwE=2.72
20210203T052032.0001.fits
SecZ=1.50
Focus=-0.982
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.982 -0.982 -0.982
T123=11.8 12.5 14.8
ALT/AZ=42.0 1.7
fwAVG=2.72
sdW=142.3
fwW=2.53
sdS=154.4
fwS=2.98
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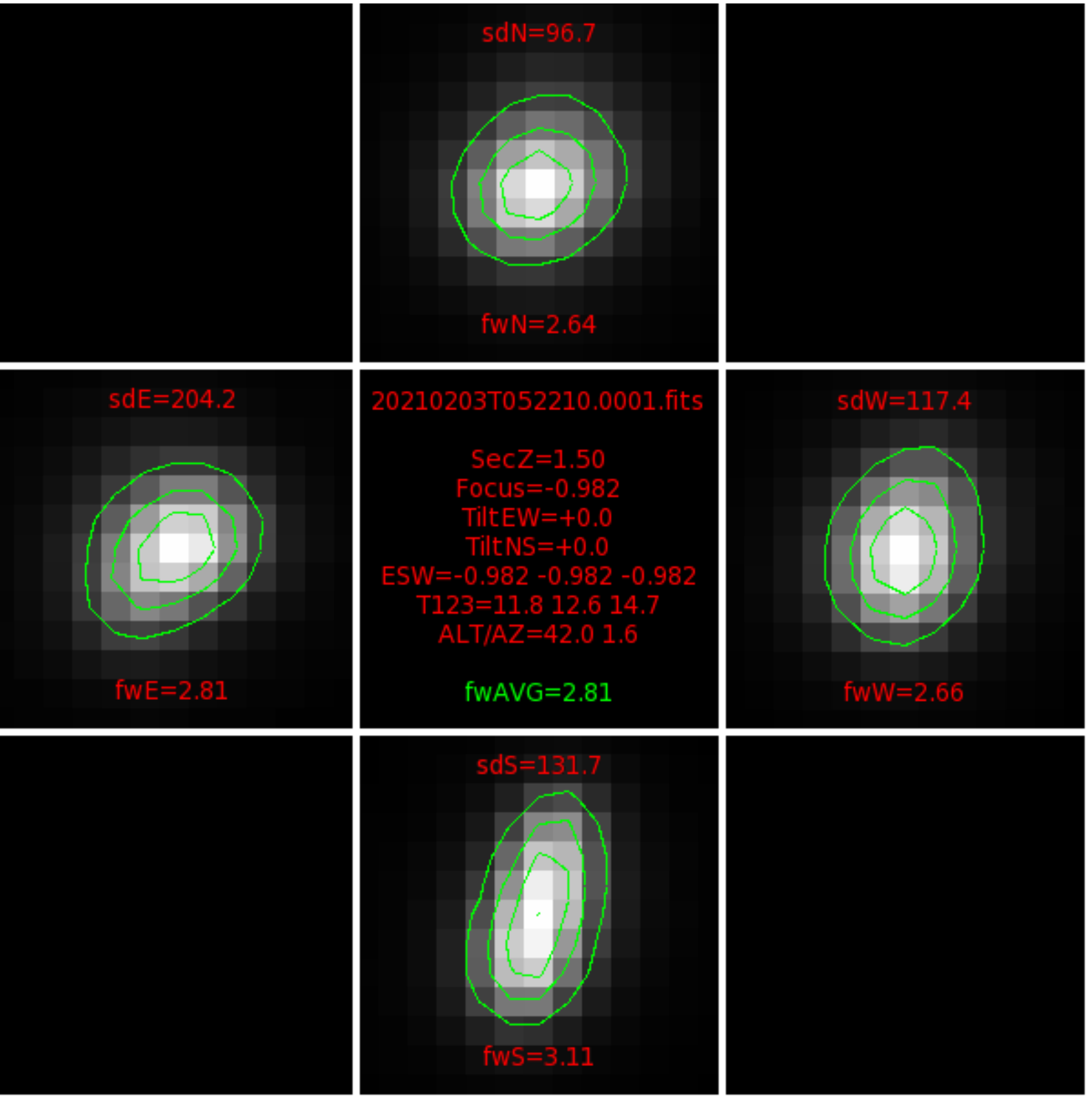
sdN=96.7
fwN=2.64
sdE=204.2
fwE=2.81
20210203T052210.0001.fits
SecZ=1.50
Focus=-0.982
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.982 -0.982 -0.982
T123=11.8 12.6 14.7
ALT/AZ=42.0 1.6
fwAVG=2.81
sdW=117.4
fwW=2.66
sdS=131.7
fwS=3.11
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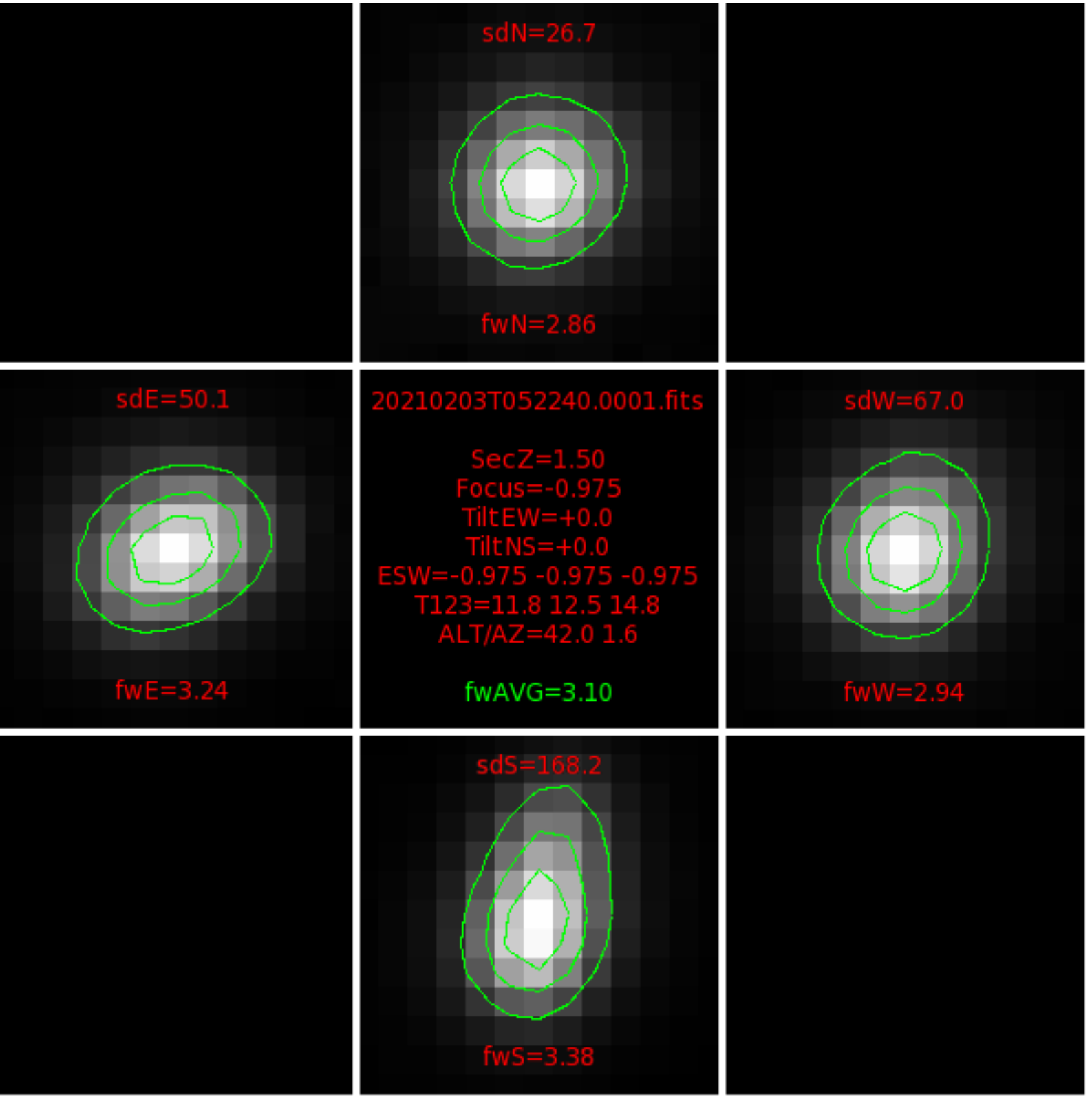
sdN=26.7
fwN=2.86
sdE=50.1
fwE=3.24
20210203T052240.0001.fits
SecZ=1.50
Focus=-0.975
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.975 -0.975 -0.975
T123=11.8 12.5 14.8
ALT/AZ=42.0 1.6
fwAVG=3.10
sdW=67.0
fwW=2.94
sdS=168.2
fwS=3.38
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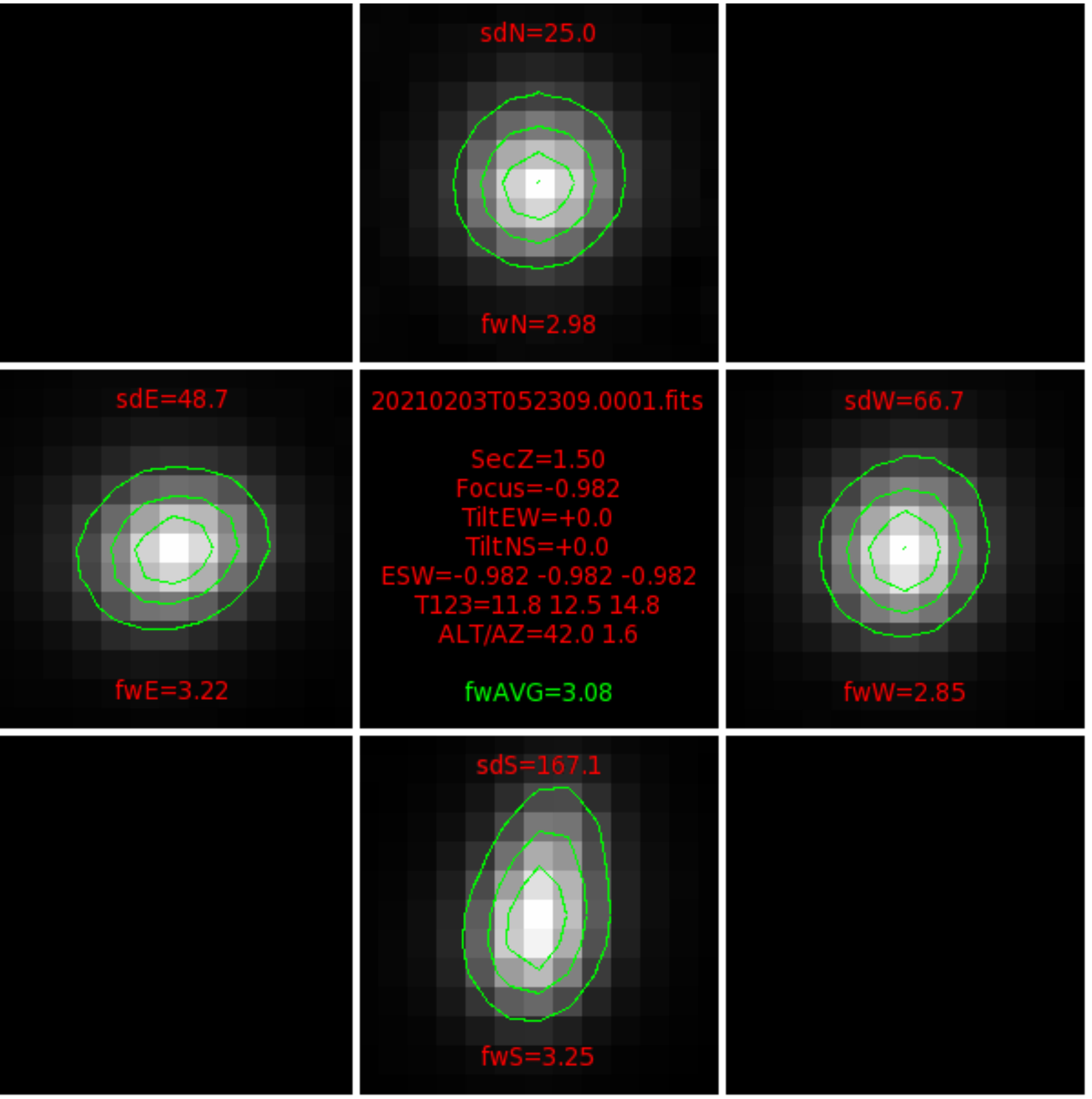
sdN=25.0
fwN=2.98
sdE=48.7
fwE=3.22
20210203T052309.0001.fits
SecZ=1.50
Focus=-0.982
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.982 -0.982 -0.982
T123=11.8 12.5 14.8
ALT/AZ=42.0 1.6
fwAVG=3.08
sdW=66.7
fwW=2.85
sdS=167.1
fwS=3.25
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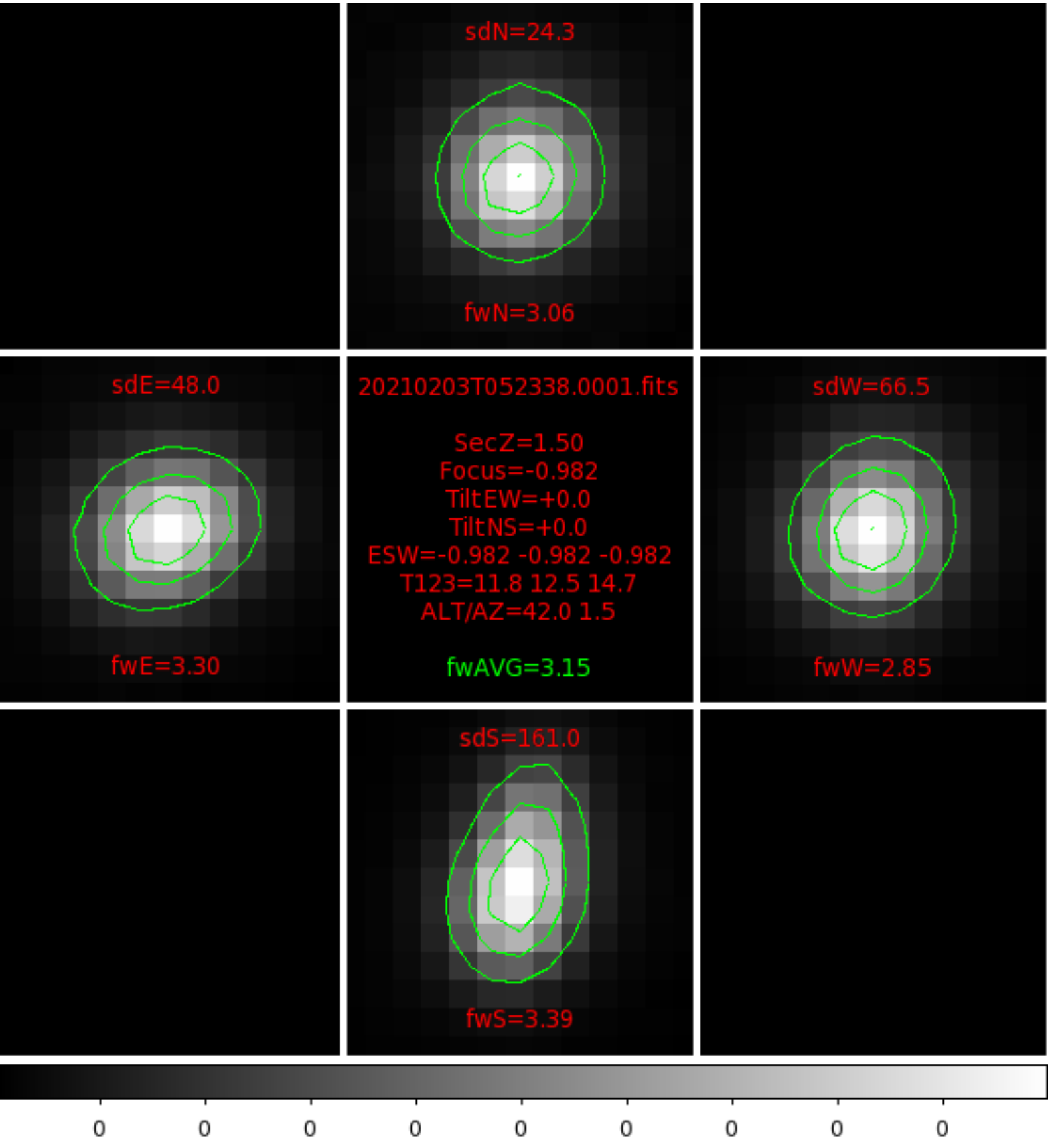
sdN=24.3
fwN=3.06
sdE=48.0
fwE=3.30
20210203T052338.0001.fits
SecZ=1.50
Focus=-0.982
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.982 -0.982 -0.982
T123=11.8 12.5 14.7
ALT/AZ=42.0 1.5
fwAVG=3.15
sdW=66.5
fwW=2.85
sdS=161.0
fwS=3.39
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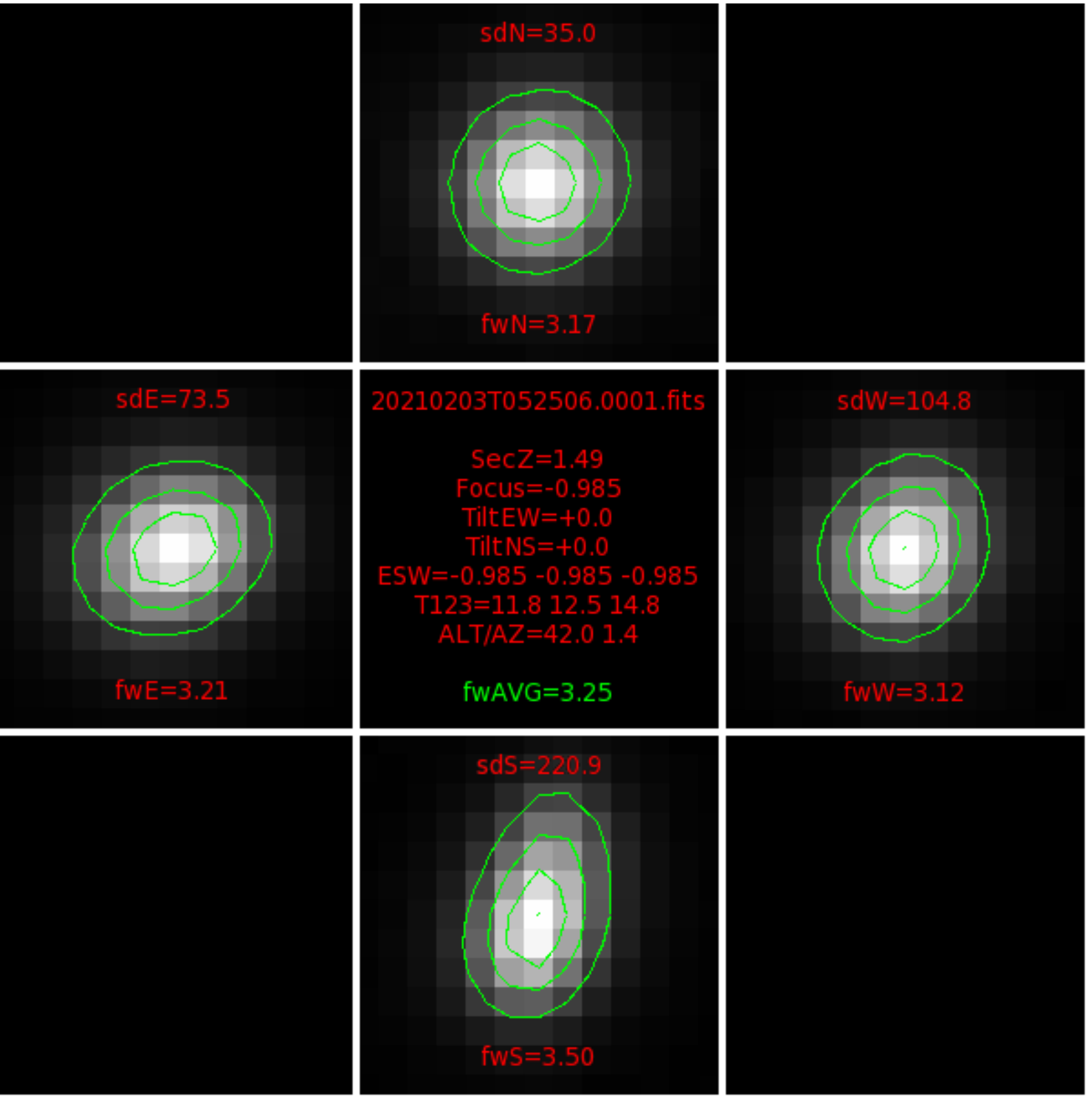
sdN=35.0
fwN=3.17
sdE=73.5
fwE=3.21
20210203T052506.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.8
ALT/AZ=42.0 1.4
fwAVG=3.25
sdW=104.8
fwW=3.12
sdS=220.9
fwS=3.50
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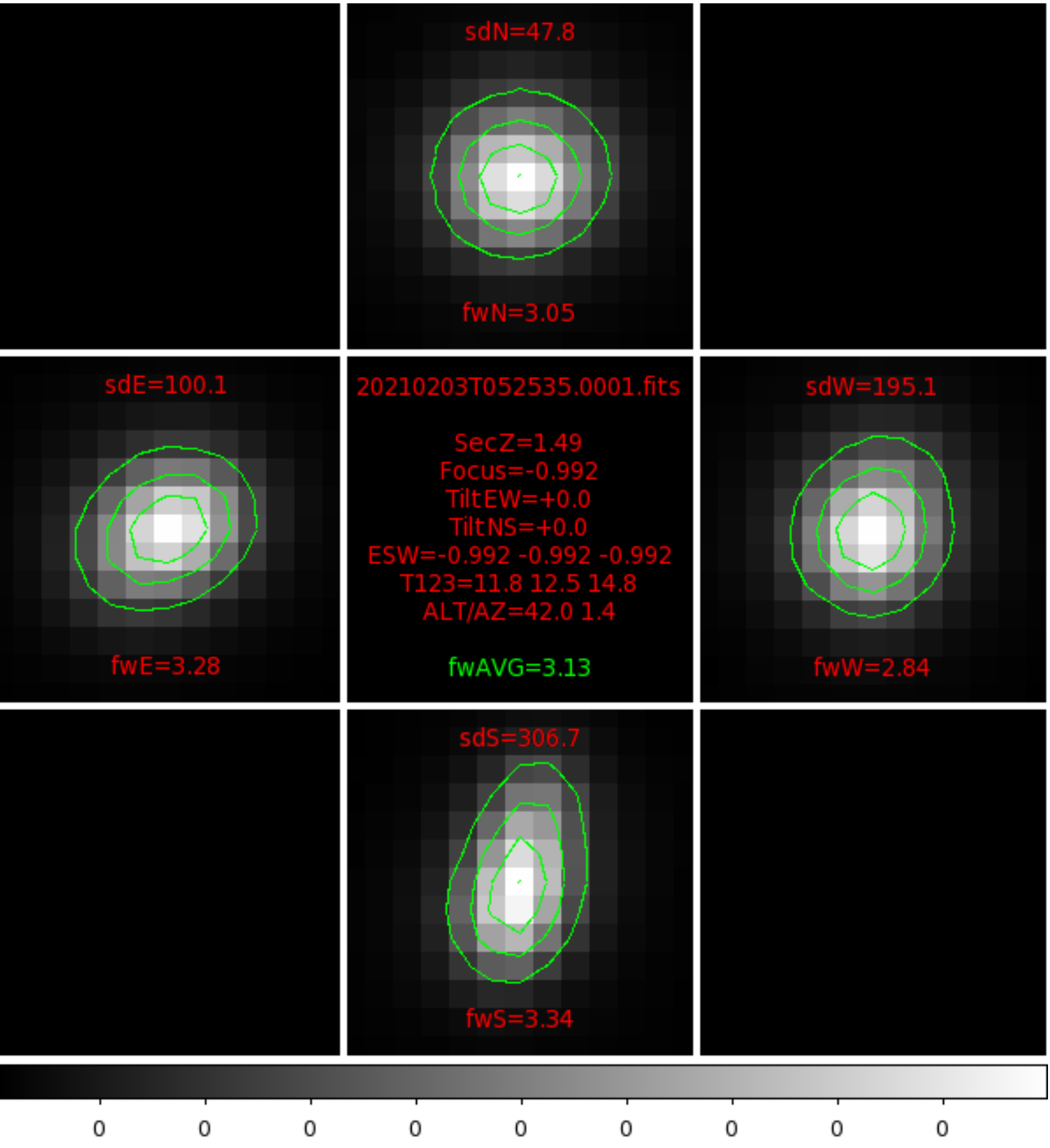
sdN=47.8
fwN=3.05
sdE=100.1
fwE=3.28
20210203T052535.0001.fits
SecZ=1.49
Focus=-0.992
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.992 -0.992 -0.992
T123=11.8 12.5 14.8
ALT/AZ=42.0 1.4
fwAVG=3.13
sdW=195.1
fwW=2.84
sdS=306.7
fwS=3.34
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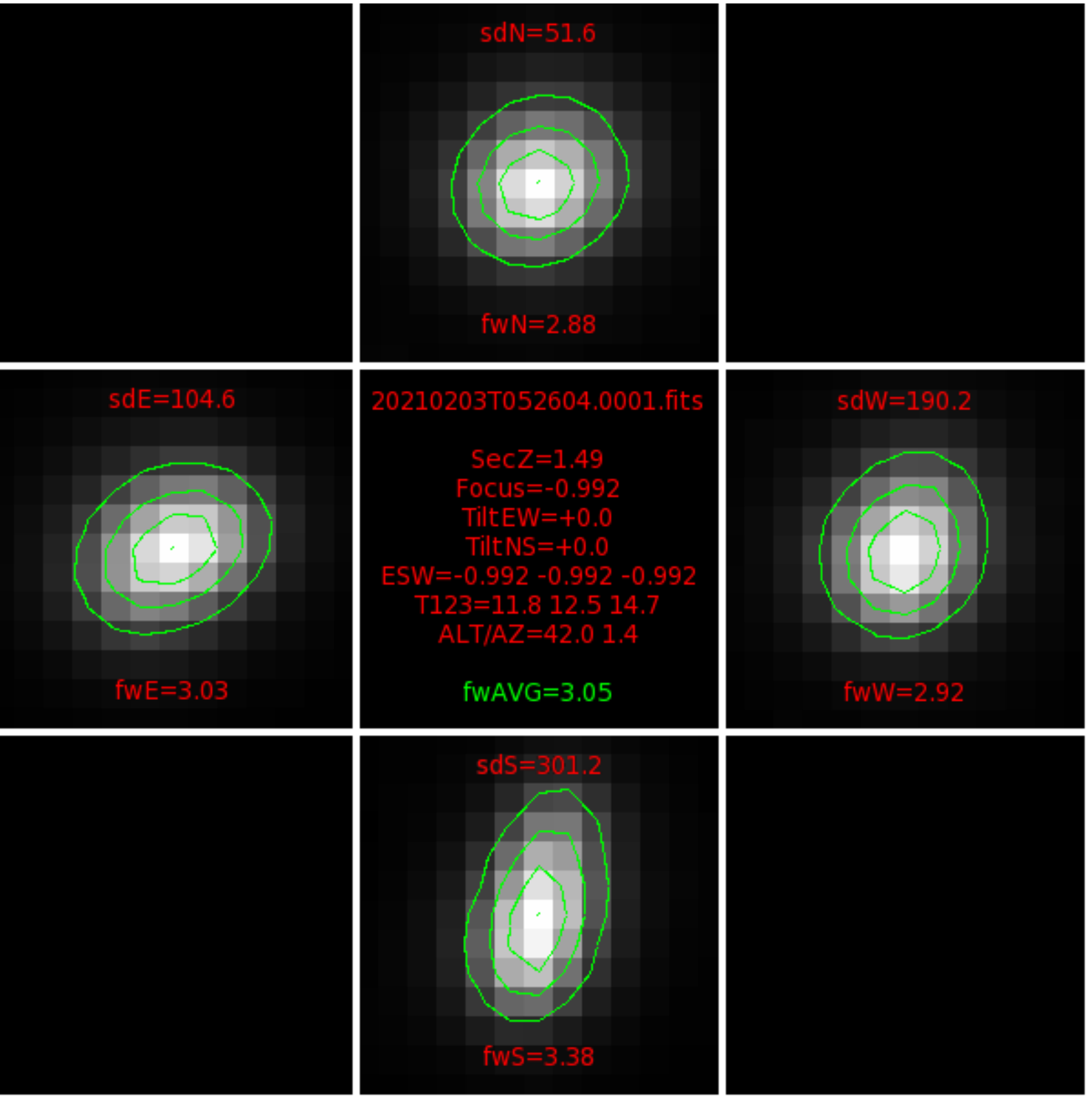
sdN=51.6
fwN=2.88
sdE=104.6
fwE=3.03
20210203T052604.0001.fits
SecZ=1.49
Focus=-0.992
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.992 -0.992 -0.992
T123=11.8 12.5 14.7
ALT/AZ=42.0 1.4
fwAVG=3.05
sdW=190.2
fwW=2.92
sdS=301.2
fwS=3.38
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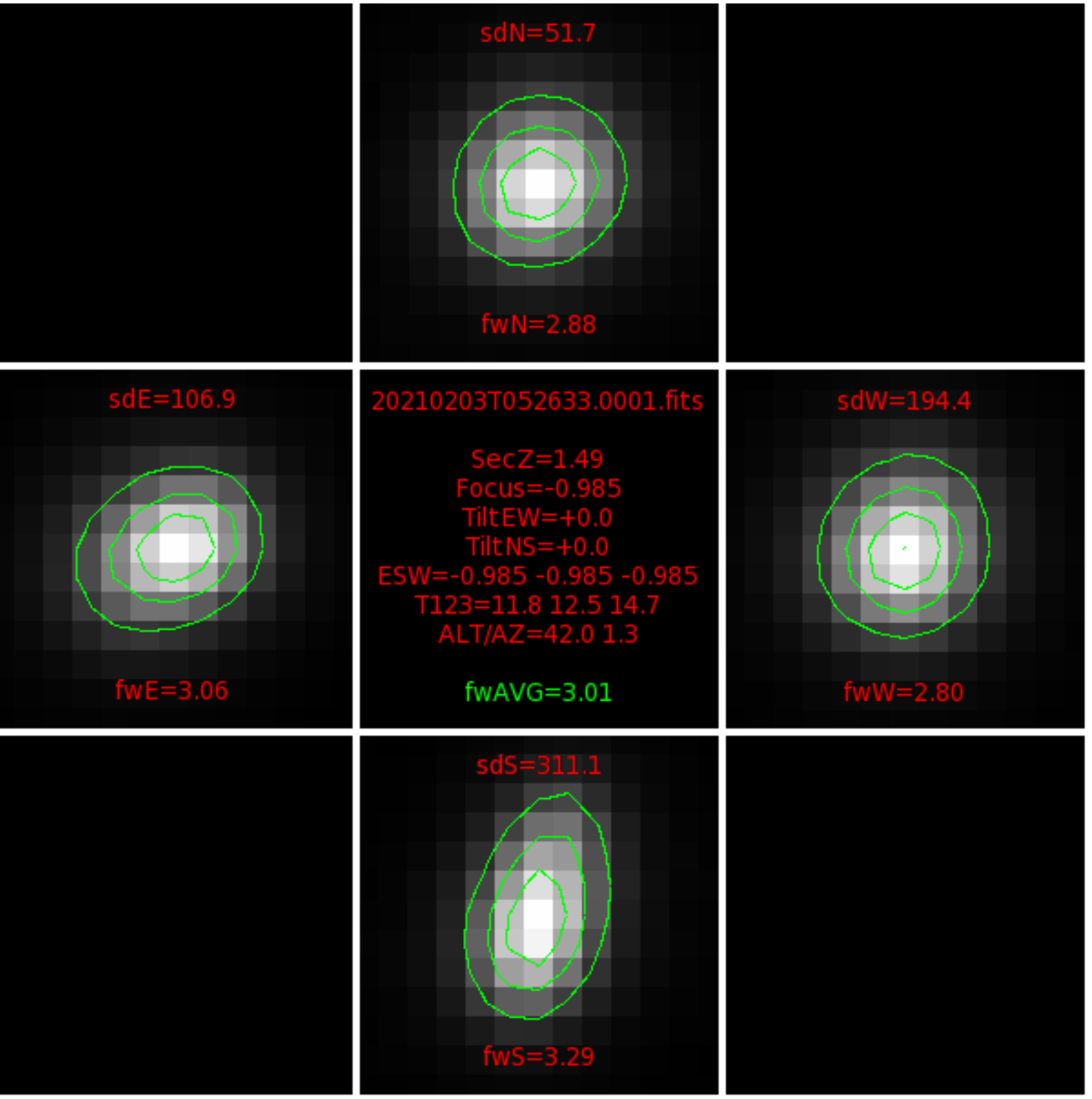
sdN=51.7
fwN=2.88
sdE=106.9
fwE=3.06
20210203T052633.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=42.0 1.3
fwAVG=3.01
sdW=194.4
fwW=2.80
sdS=311.1
fwS=3.29
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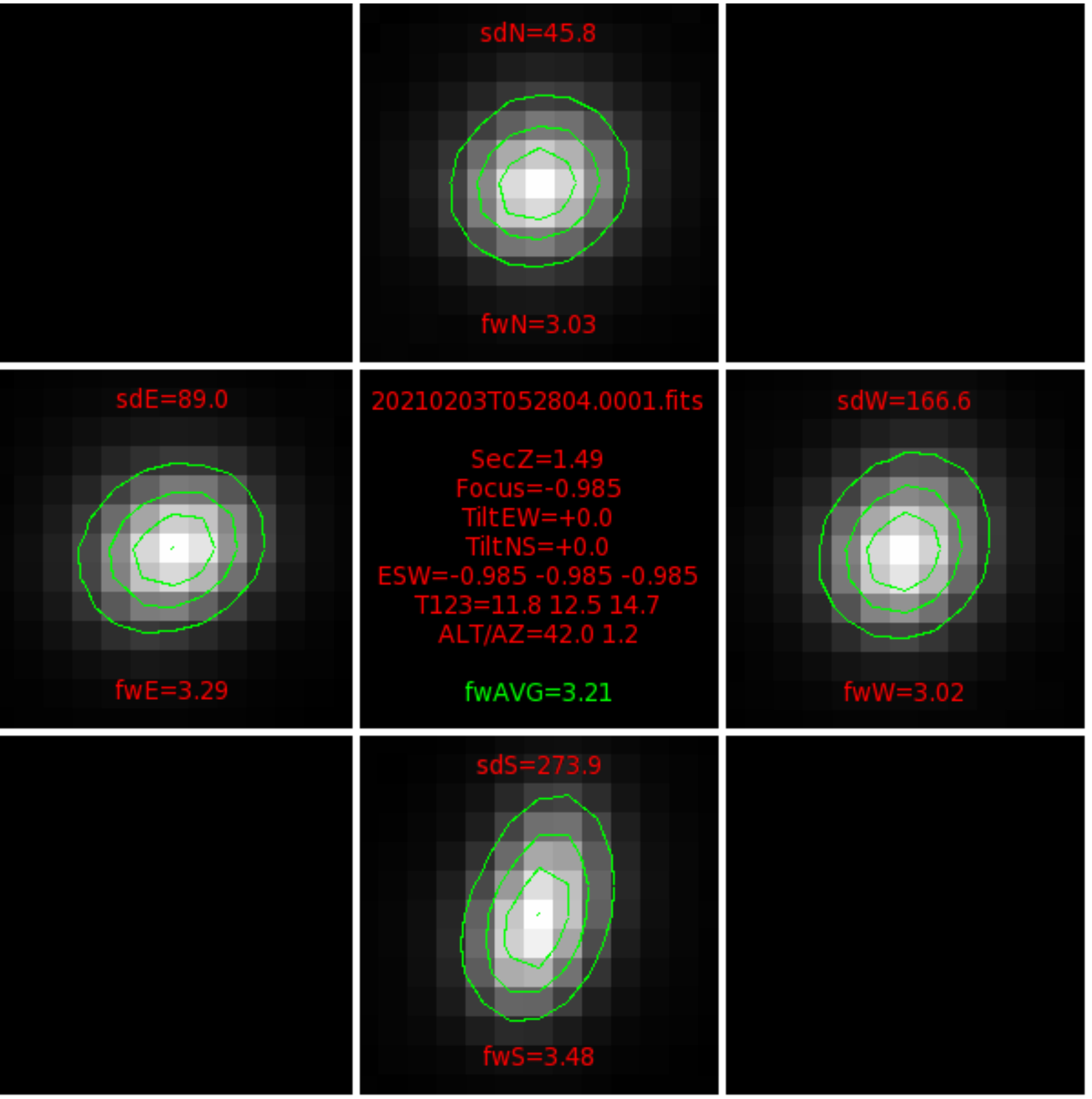
sdN=45.8
fwN=3.03
sdE=89.0
fwE=3.29
20210203T052804.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=42.0 1.2
fwAVG=3.21
sdW=166.6
fwW=3.02
sdS=273.9
fwS=3.48
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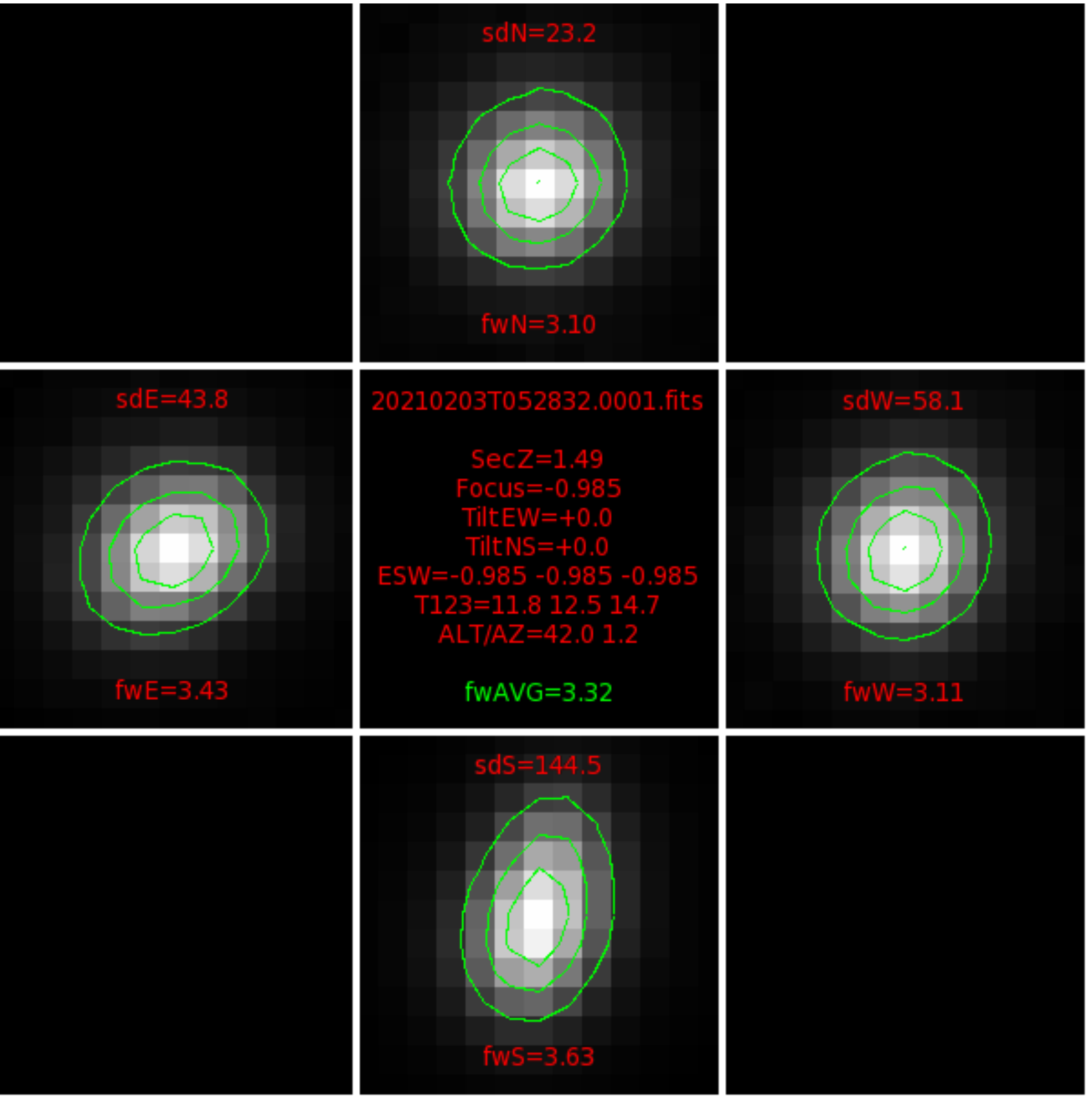
sdN=23.2
fwN=3.10
sdE=43.8
fwE=3.43
20210203T052832.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=42.0 1.2
fwAVG=3.32
sdW=58.1
fwW=3.11
sdS=144.5
fwS=3.63
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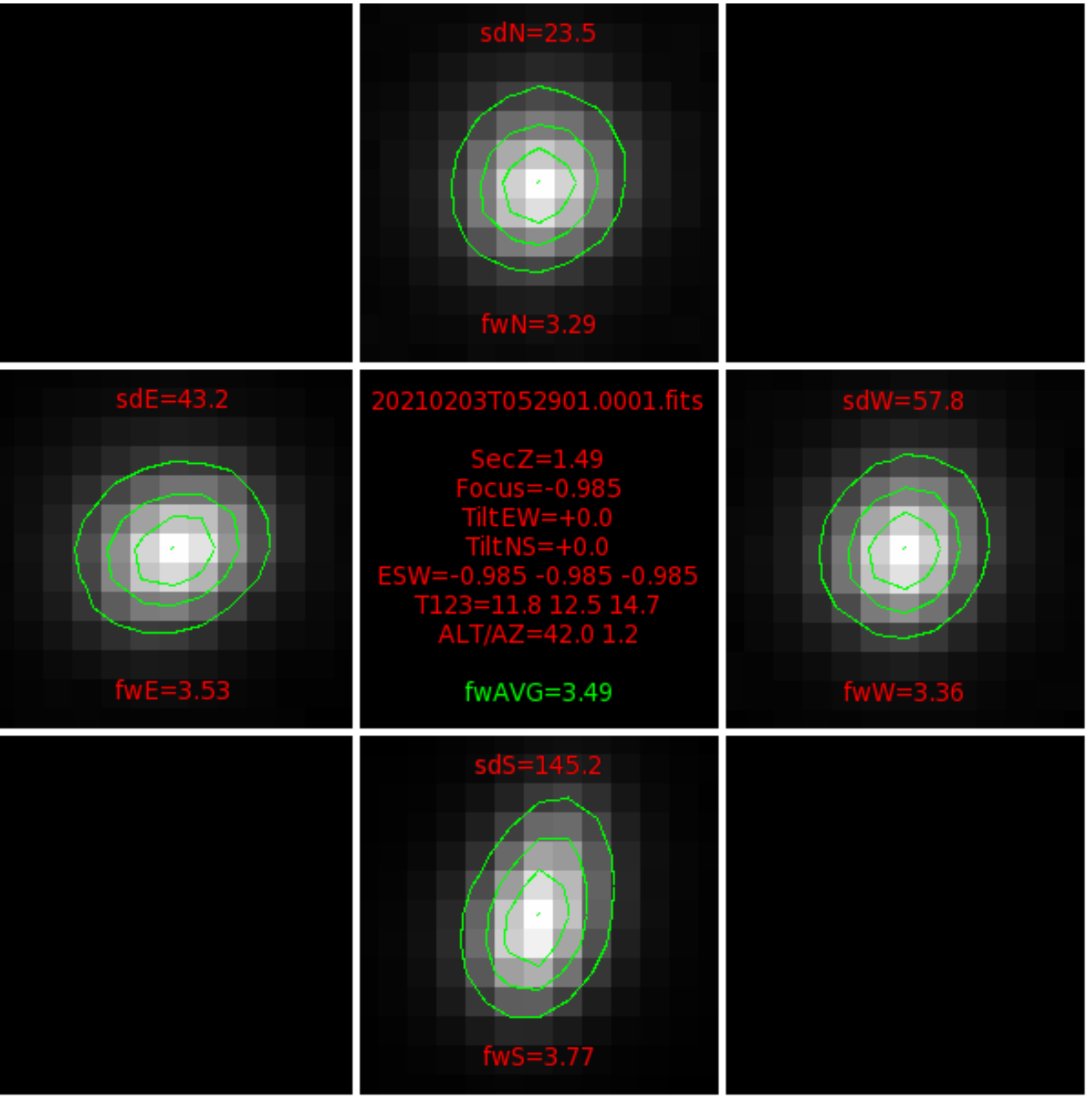
sdN=23.5
fwN=3.29
sdE=43.2
fwE=3.53
20210203T052901.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=42.0 1.2
fwAVG=3.49
sdW=57.8
fwW=3.36
sdS=145.2
fwS=3.77
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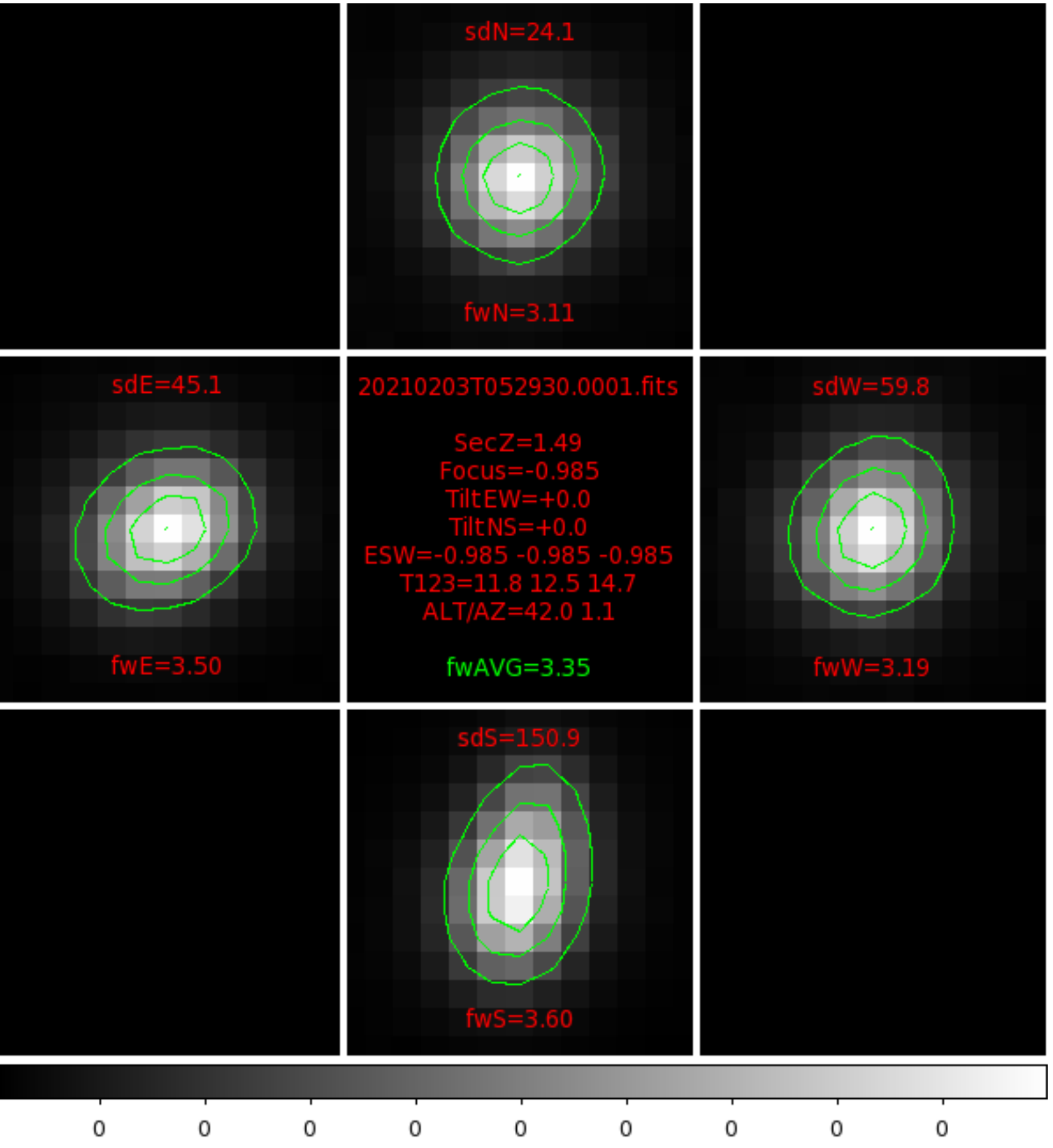
sdN=24.1
fwN=3.11
sdE=45.1
fwE=3.50
20210203T052930.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=42.0 1.1
fwAVG=3.35
sdW=59.8
fwW=3.19
sdS=150.9
fwS=3.60
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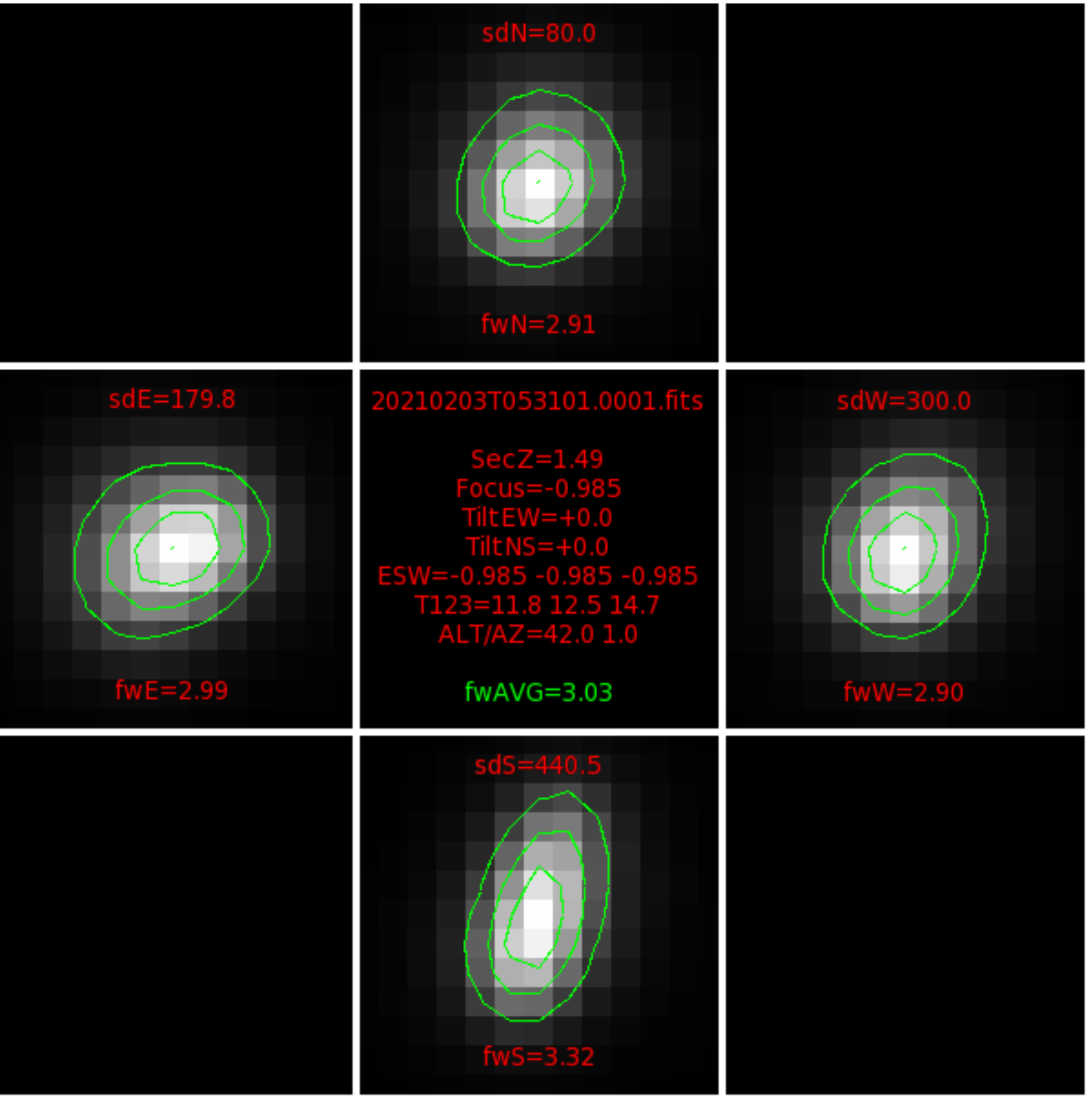
sdN=80.0
fwN=2.91
sdE=179.8
fwE=2.99
20210203T053101.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=42.0 1.0
fwAVG=3.03
sdW=300.0
fwW=2.90
sdS=440.5
fwS=3.32
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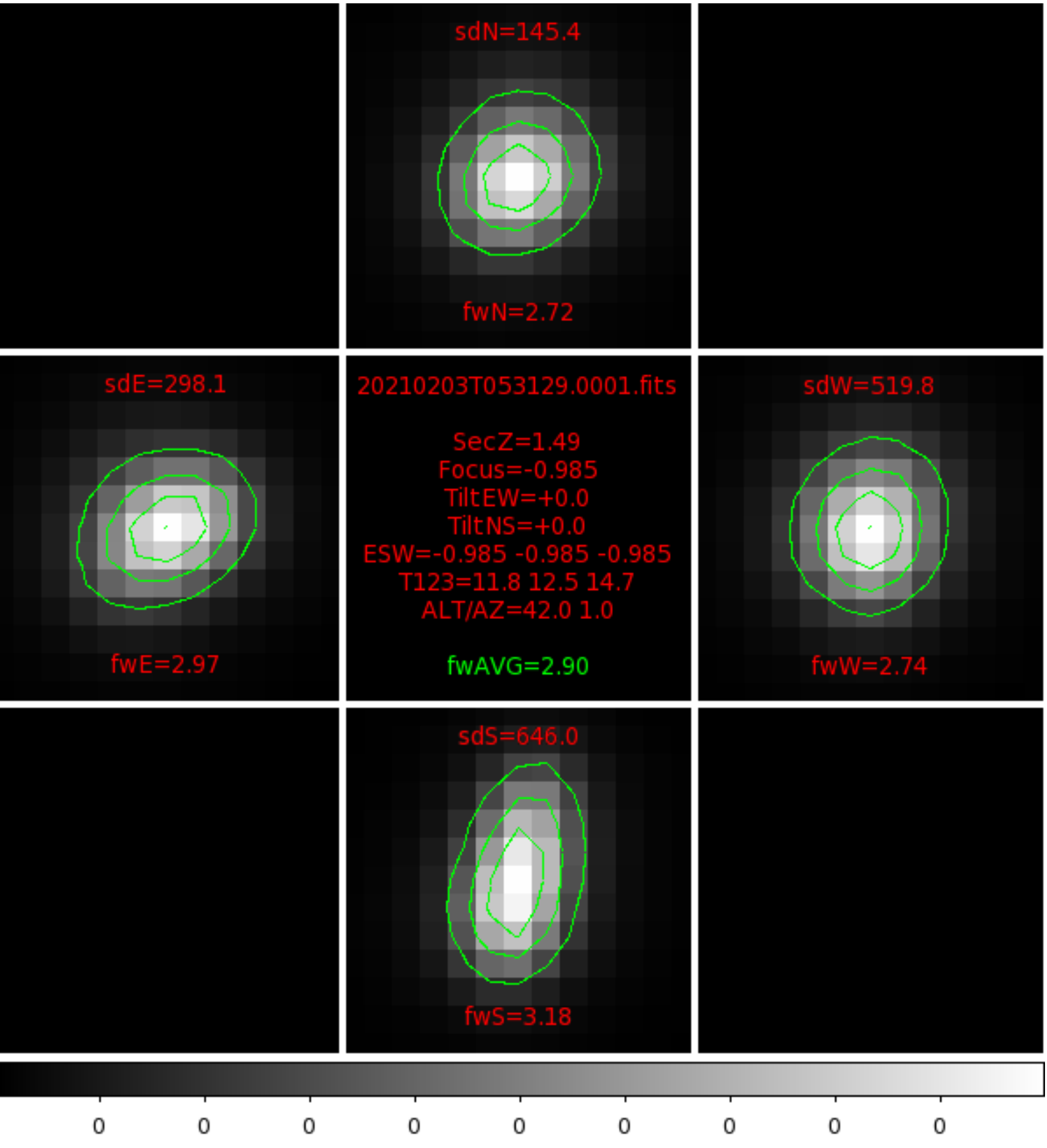
sdN=145.4
fwN=2.72
sdE=298.1
fwE=2.97
20210203T053129.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=42.0 1.0
fwAVG=2.90
sdW=519.8
fwW=2.74
sdS=646.0
fwS=3.18
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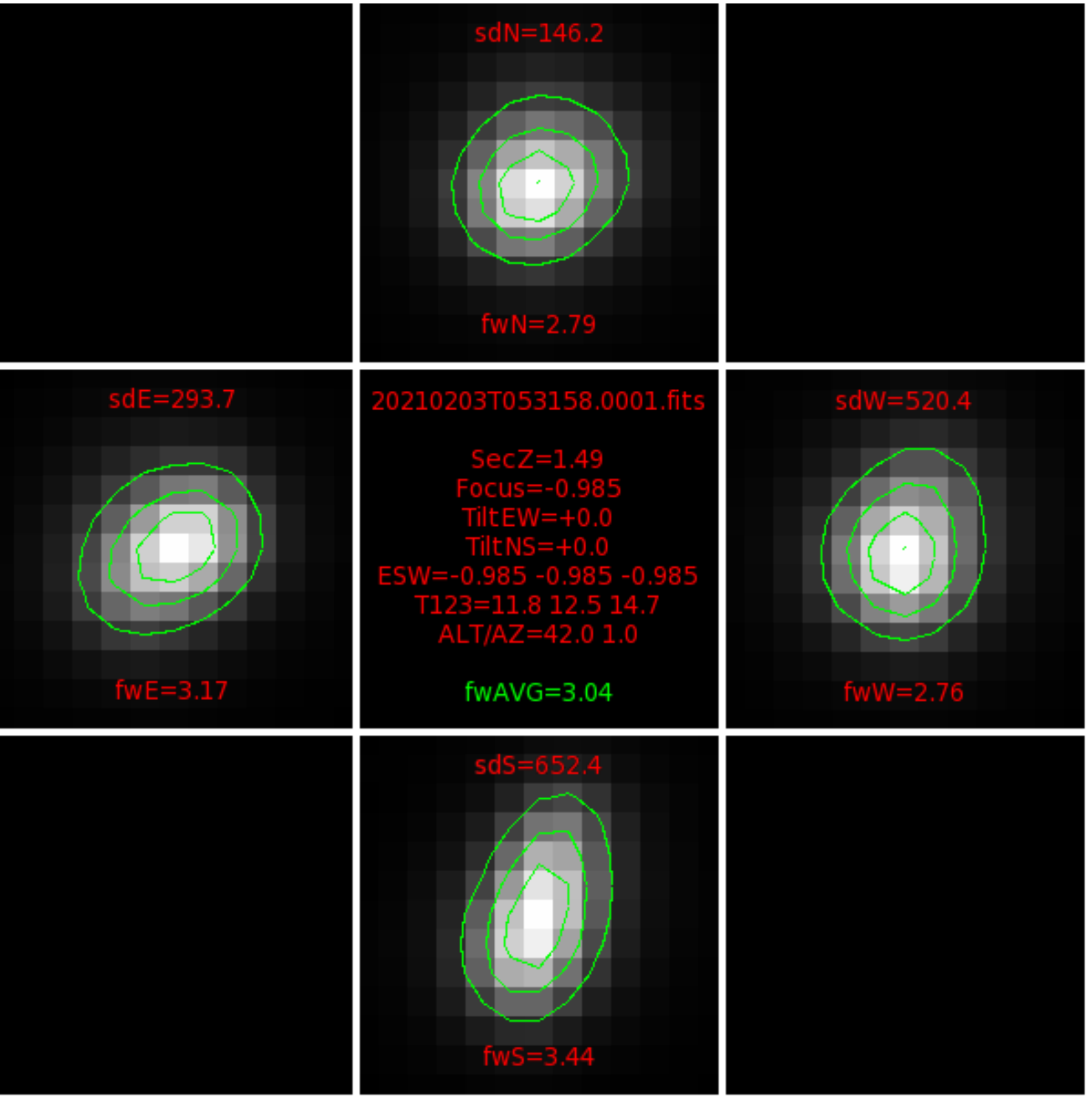
sdN=146.2
fwN=2.79
sdE=293.7
fwE=3.17
20210203T053158.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=42.0 1.0
fwAVG=3.04
sdW=520.4
fwW=2.76
sdS=652.4
fwS=3.44
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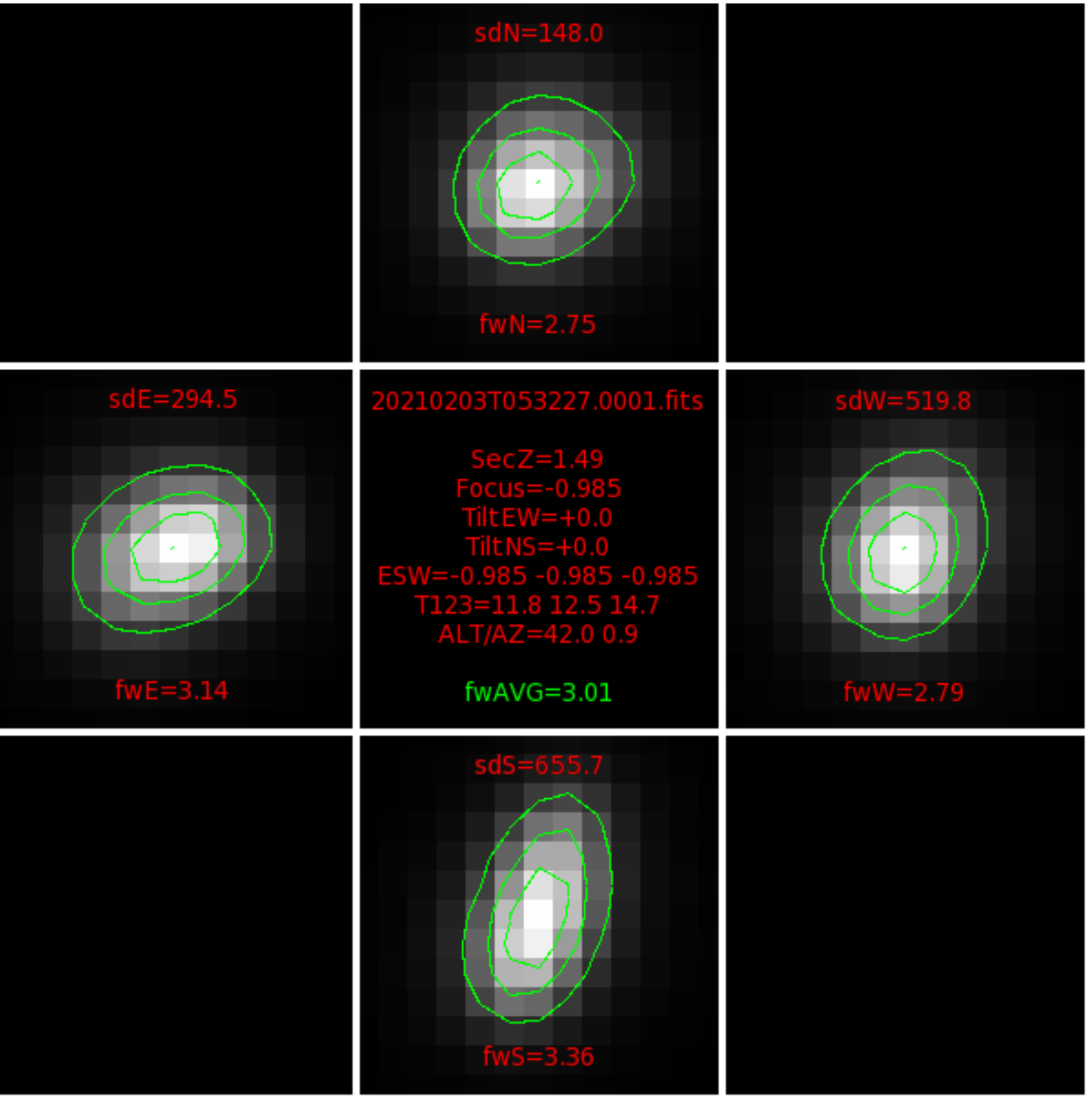
sdN=148.0
fwN=2.75
sdE=294.5
fwE=3.14
20210203T053227.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=42.0 0.9
fwAVG=3.01
sdW=519.8
fwW=2.79
sdS=655.7
fwS=3.36
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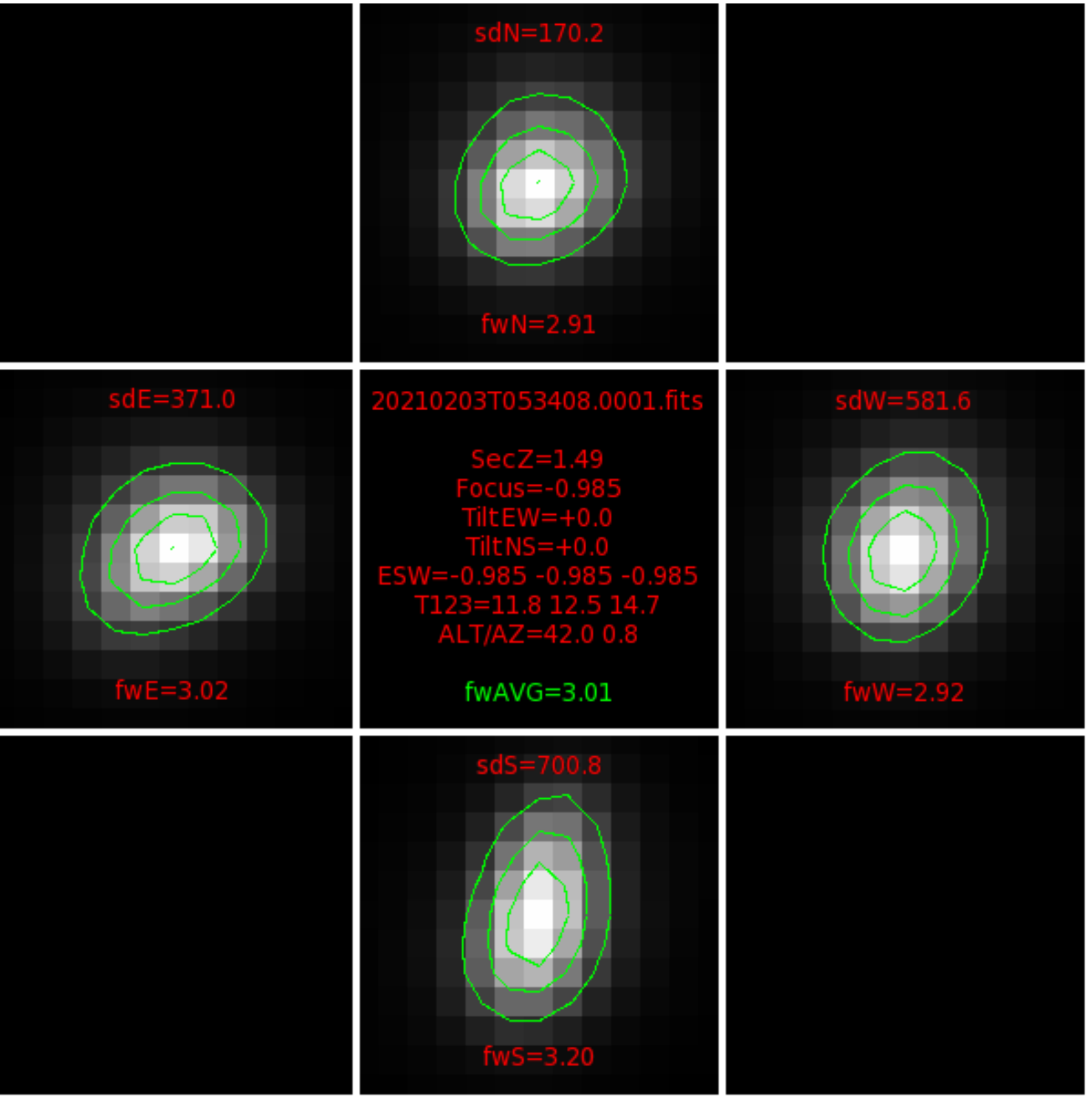
sdN=170.2
fwN=2.91
sdE=371.0
fwE=3.02
20210203T053408.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=42.0 0.8
fwAVG=3.01
sdW=581.6
fwW=2.92
sdS=700.8
fwS=3.20
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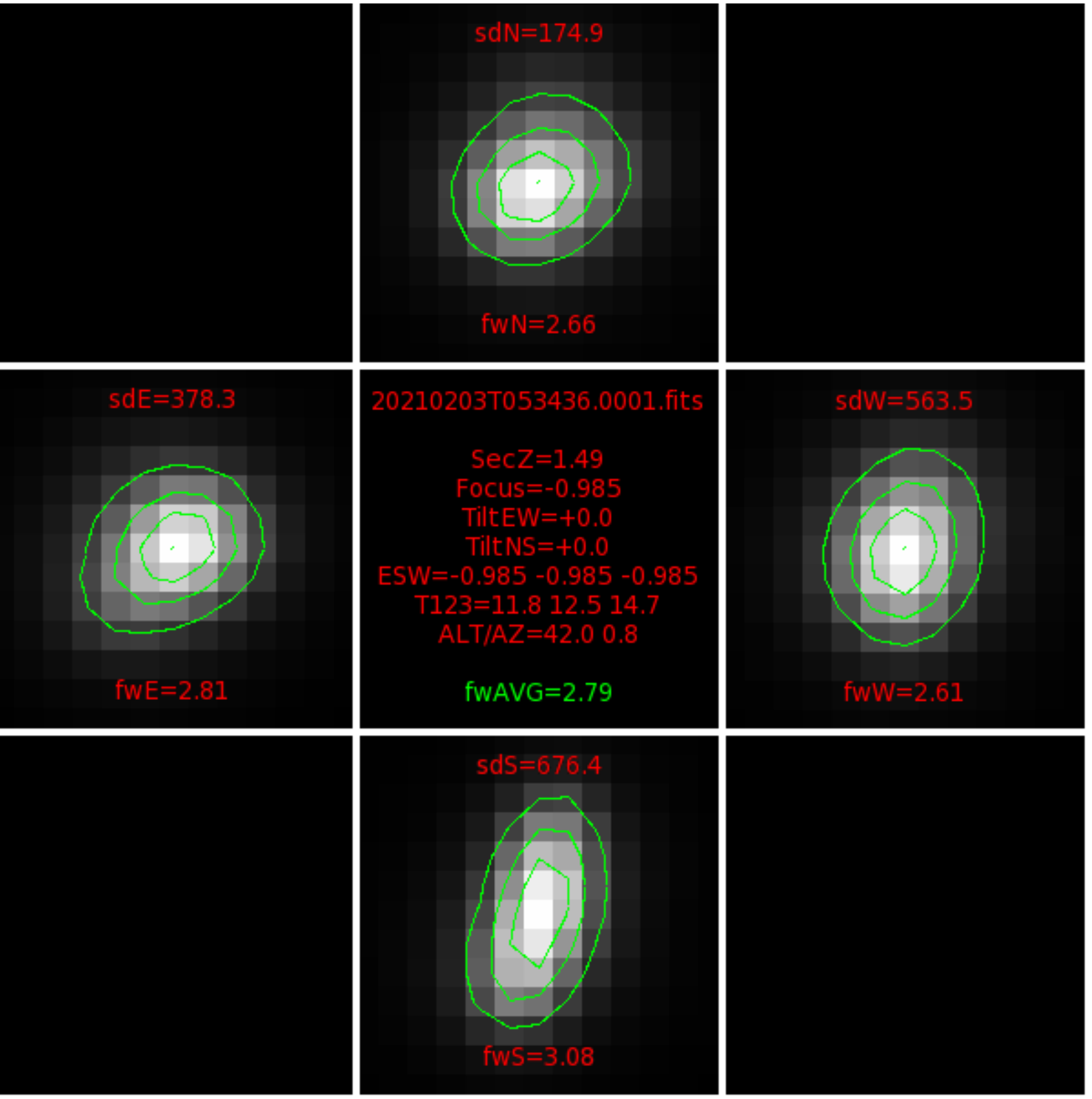
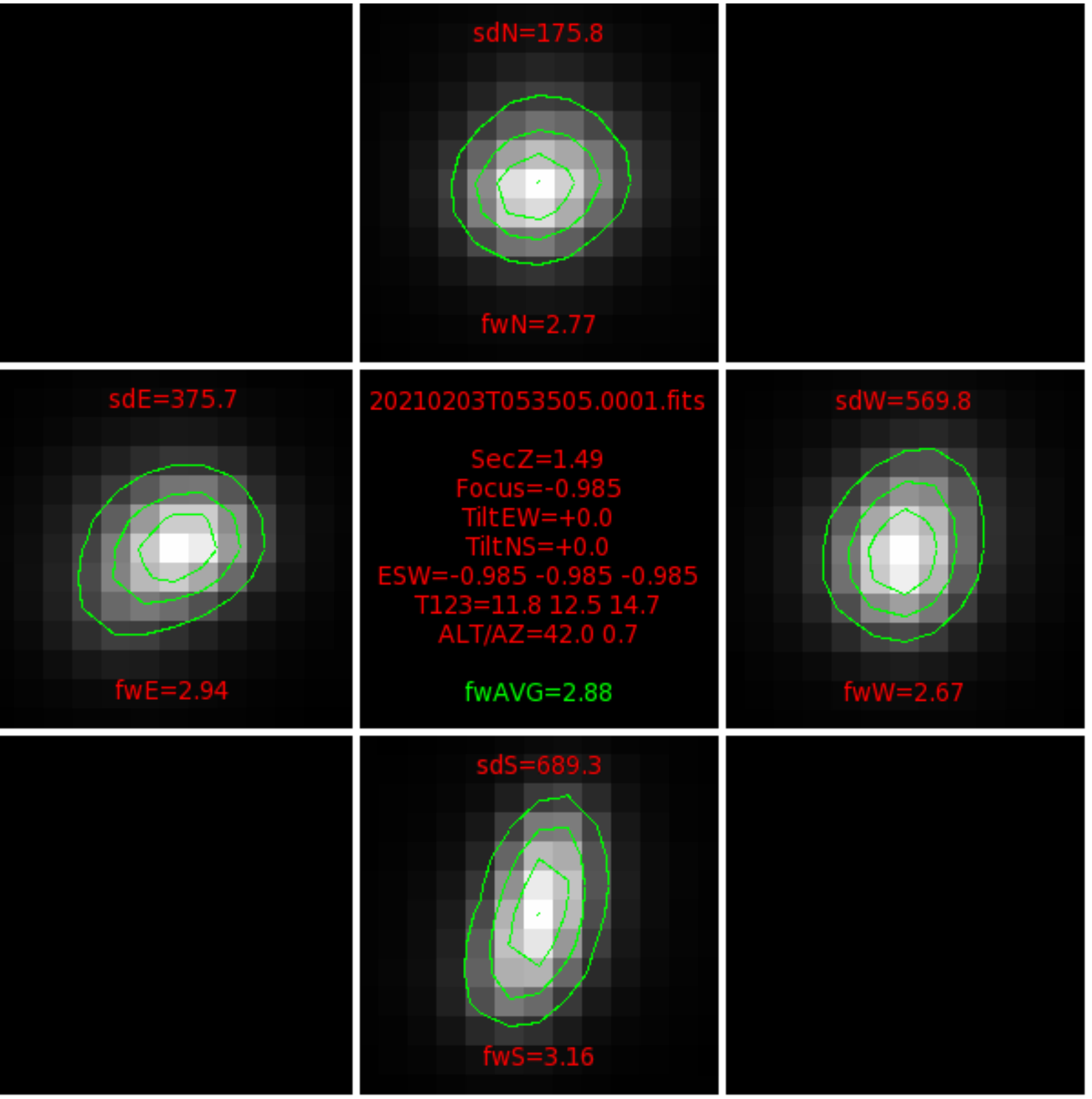

sdN=174.9
fwN=2.66
sdE=378.3
fwE=2.81
20210203T053436.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=42.0 0.8
fwAVG=2.79
sdW=563.5
fwW=2.61
sdS=676.4
fwS=3.08
0 0 0 0 0 0 0 0 0


sdN=175.8
fwN=2.77
sdE=375.7
fwE=2.94
20210203T053505.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=42.0 0.7
fwAVG=2.88
sdW=569.8
fwW=2.67
sdS=689.3
fwS=3.16
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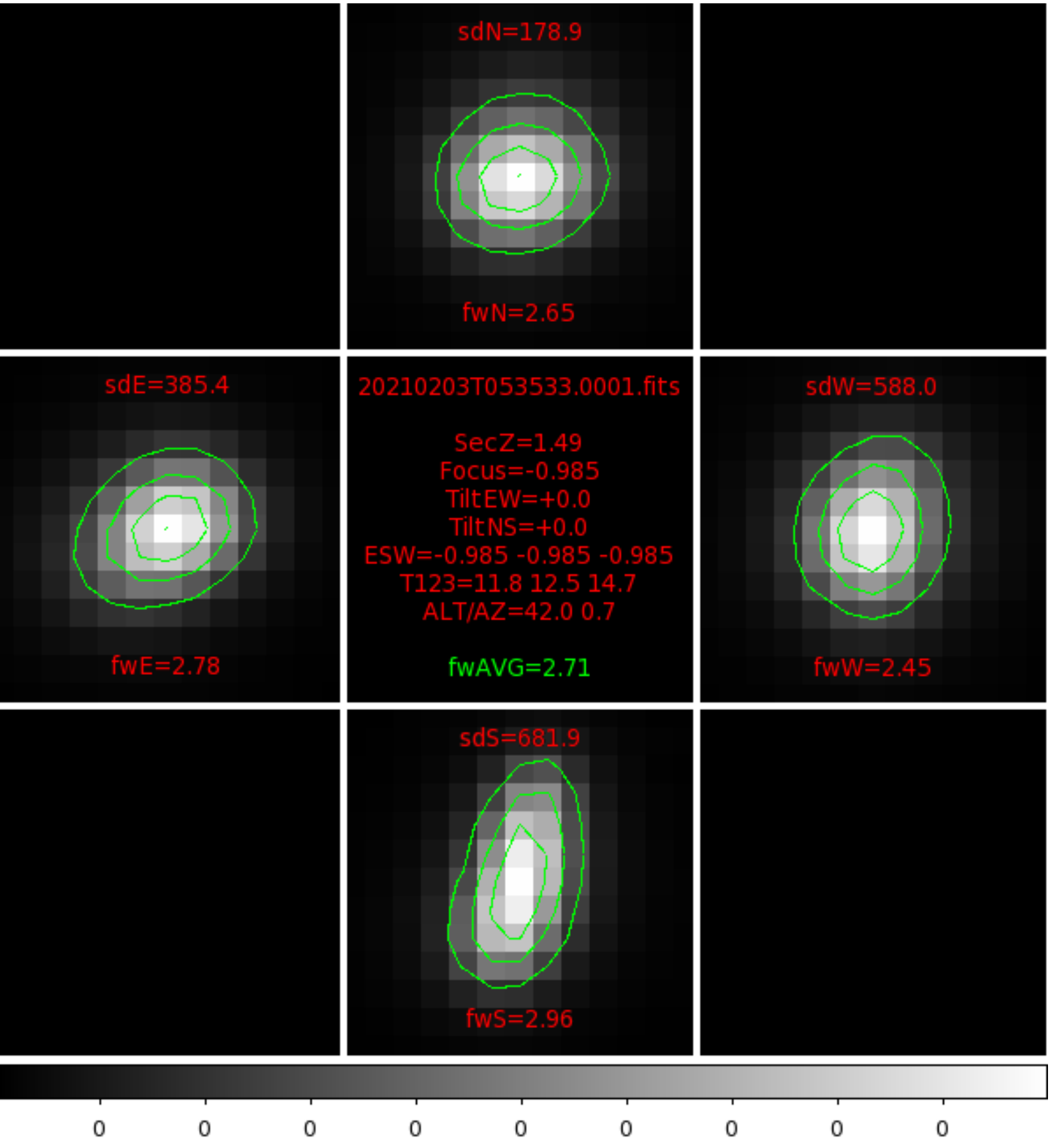
sdN=178.9
fwN=2.65
sdE=385.4
fwE=2.78
20210203T053533.0001.fits
SecZ=1.49
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=42.0 0.7
fwAVG=2.71
sdW=588.0
fwW=2.45
sdS=681.9
fwS=2.96
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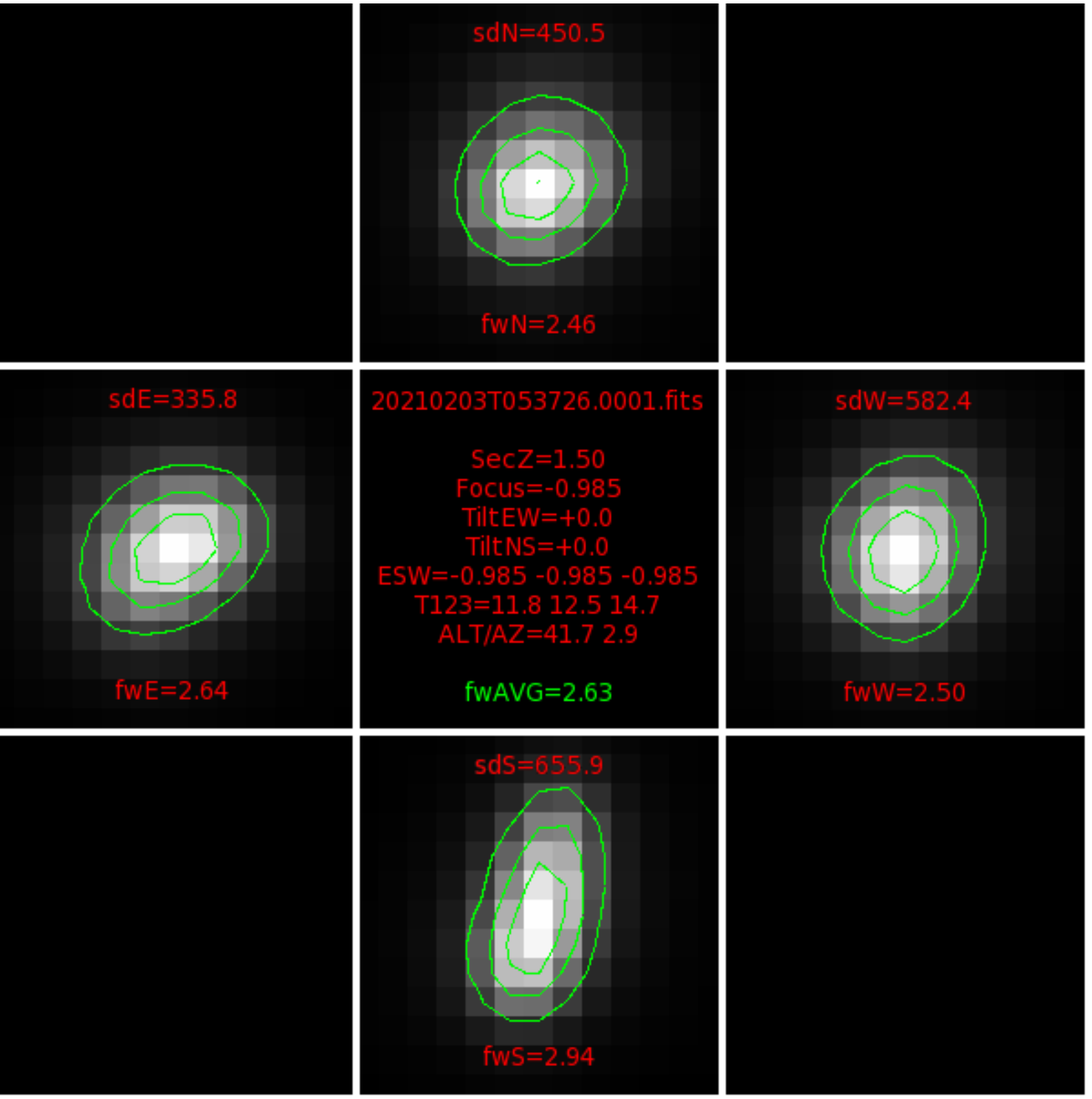
sdN=450.5
fwN=2.46
sdE=335.8
fwE=2.64
20210203T053726.0001.fits
SecZ=1.50
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.5 14.7
ALT/AZ=41.7 2.9
fwAVG=2.63
sdW=582.4
fwW=2.50
sdS=655.9
fwS=2.94
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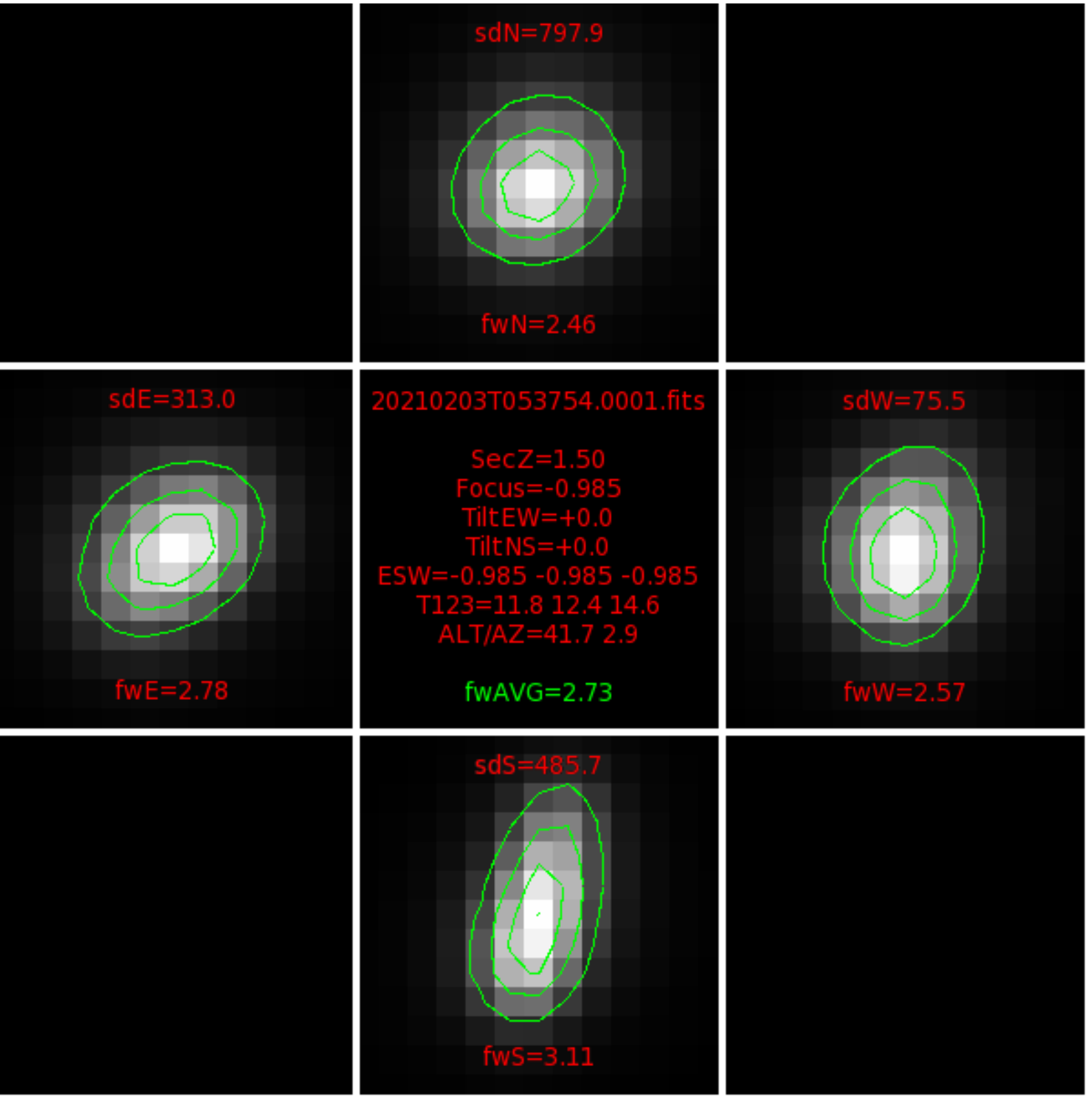
sdN=797.9
fwN=2.46
sdE=313.0
fwE=2.78
20210203T053754.0001.fits
SecZ=1.50
Focus=-0.985
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.985 -0.985 -0.985
T123=11.8 12.4 14.6
ALT/AZ=41.7 2.9
fwAVG=2.73
sdW=75.5
fwW=2.57
sdS=485.7
fwS=3.11
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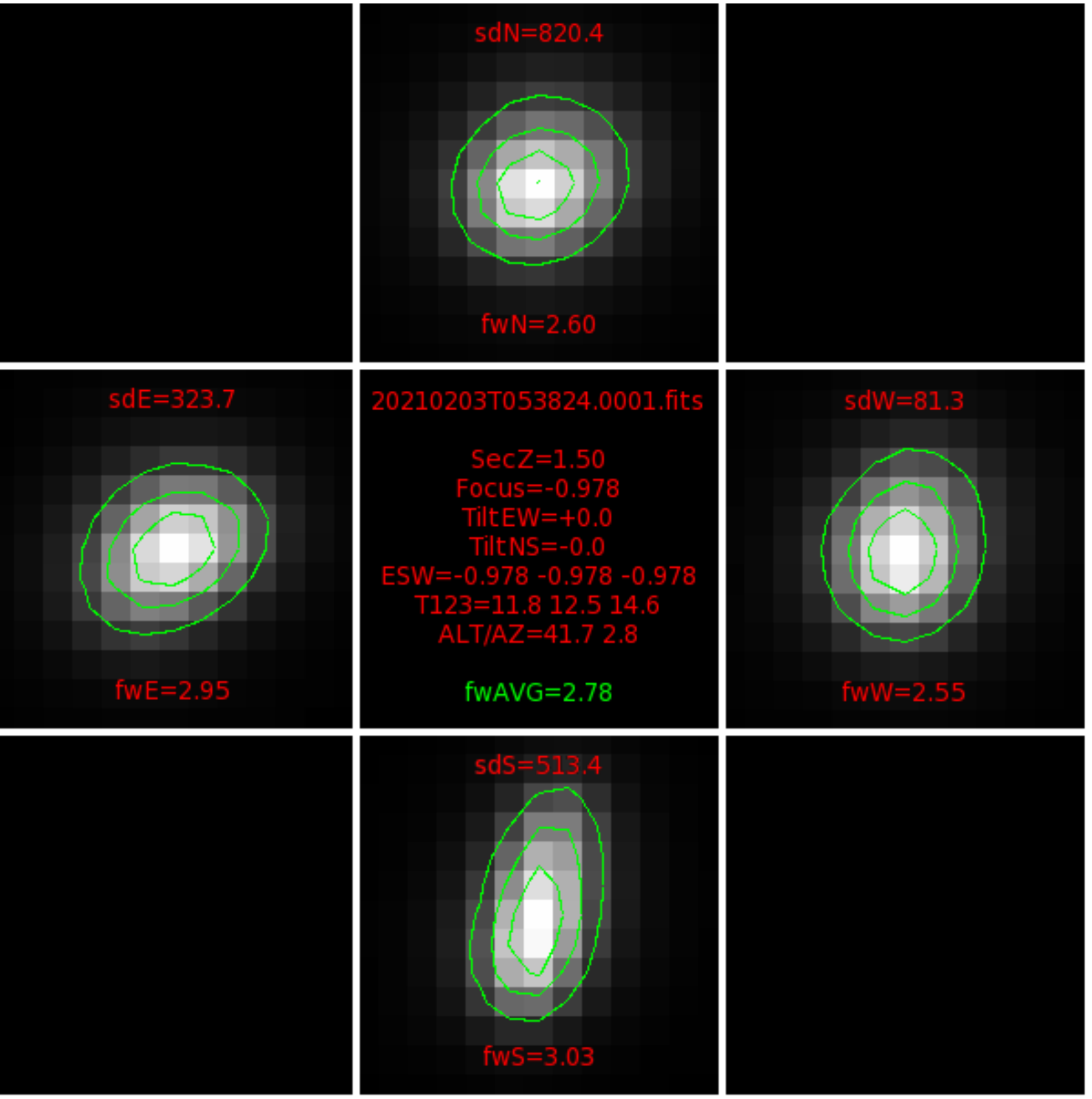
sdN=820.4
fwN=2.60
sdE=323.7
fwE=2.95
20210203T053824.0001.fits
SecZ=1.50
Focus=-0.978
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.978 -0.978 -0.978
T123=11.8 12.5 14.6
ALT/AZ=41.7 2.8
fwAVG=2.78
sdW=81.3
fwW=2.55
sdS=513.4
fwS=3.03
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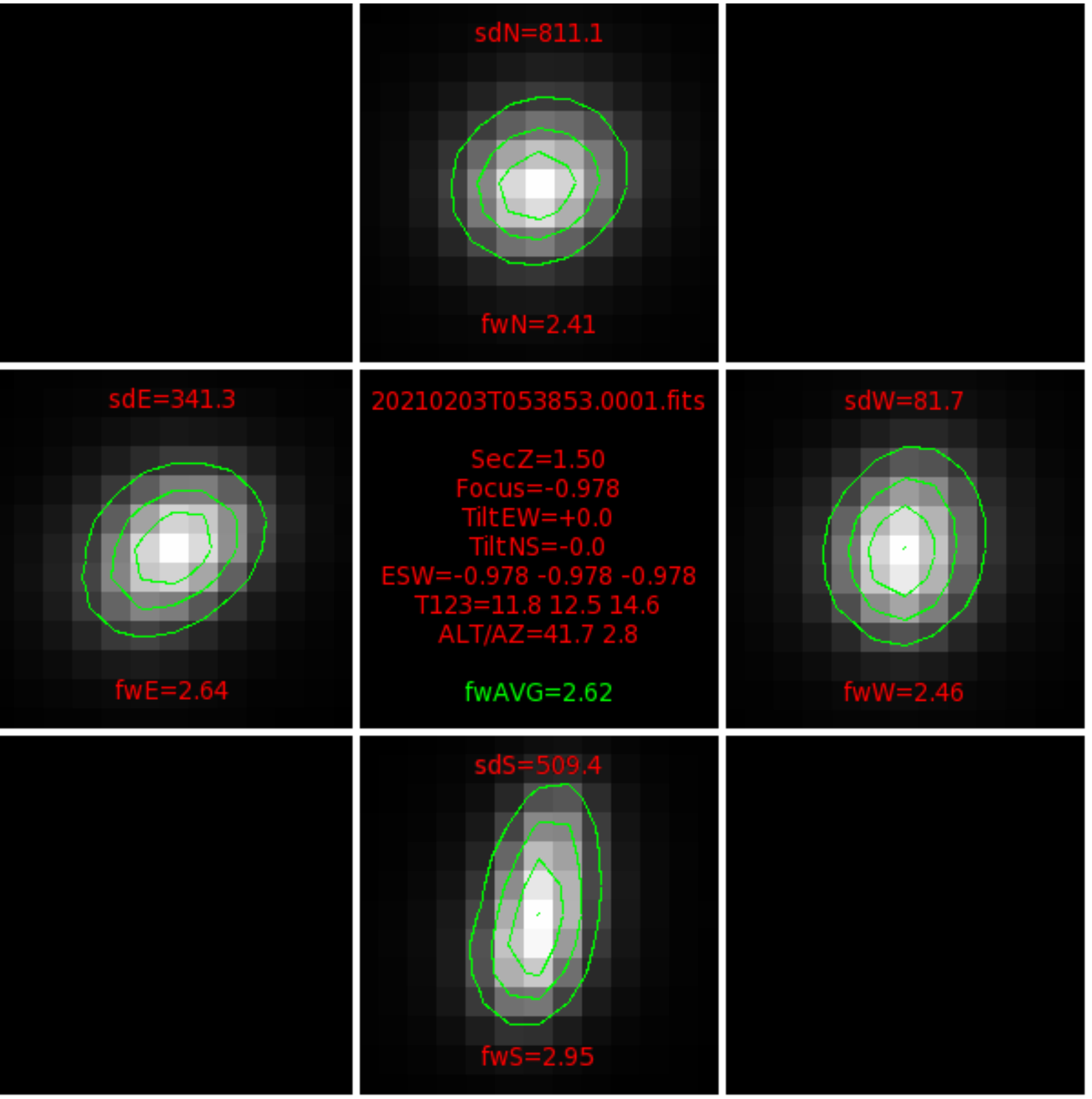
sdN=811.1
fwN=2.41
sdE=341.3
fwE=2.64
20210203T053853.0001.fits
SecZ=1.50
Focus=-0.978
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.978 -0.978 -0.978
T123=11.8 12.5 14.6
ALT/AZ=41.7 2.8
fwAVG=2.62
sdW=81.7
fwW=2.46
sdS=509.4
fwS=2.95
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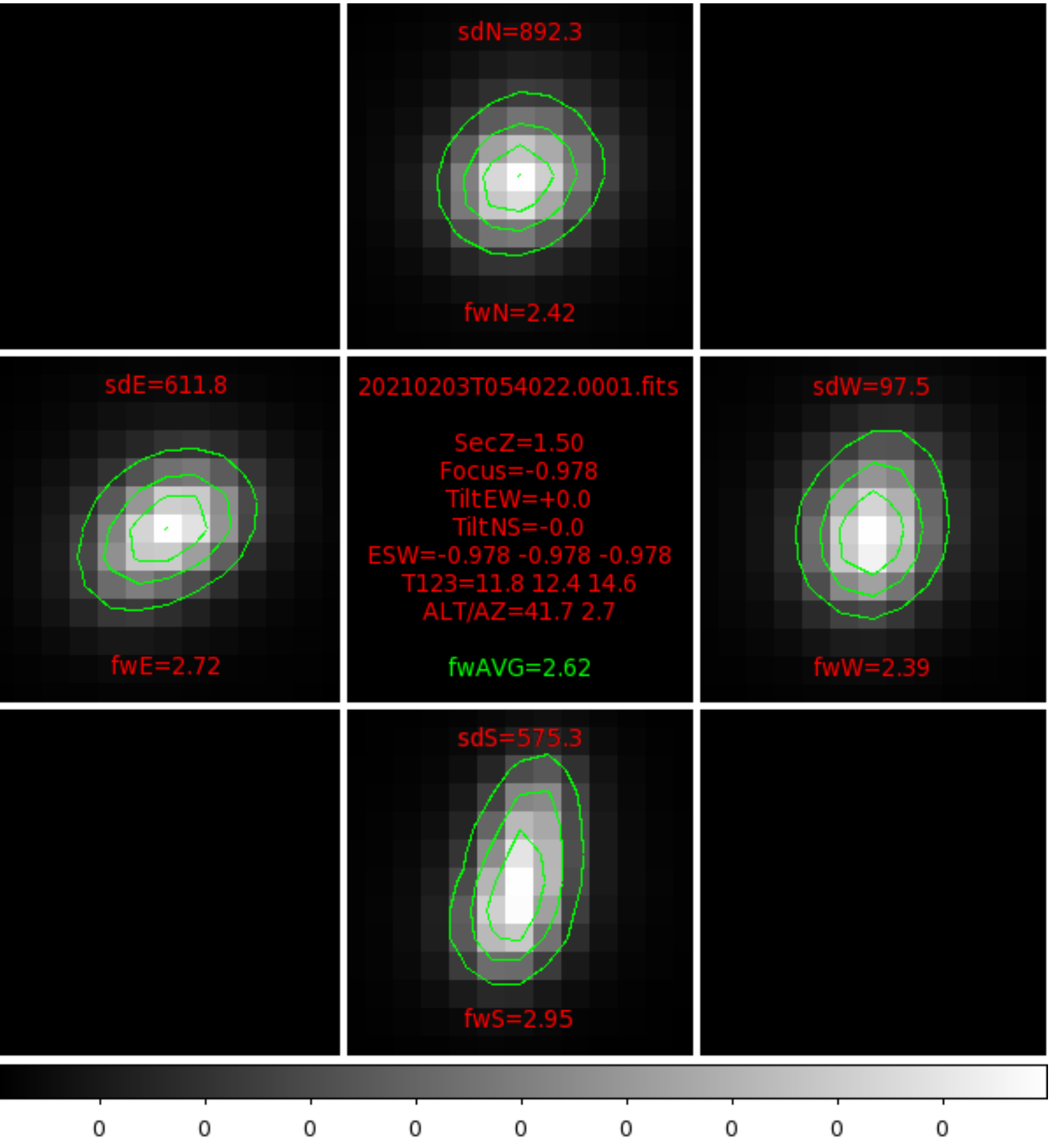
sdN=892.3
fwN=2.42
sdE=611.8
fwE=2.72
20210203T054022.0001.fits
SecZ=1.50
Focus=-0.978
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.978 -0.978 -0.978
T123=11.8 12.4 14.6
ALT/AZ=41.7 2.7
fwAVG=2.62
sdW=97.5
fwW=2.39
sdS=575.3
fwS=2.95
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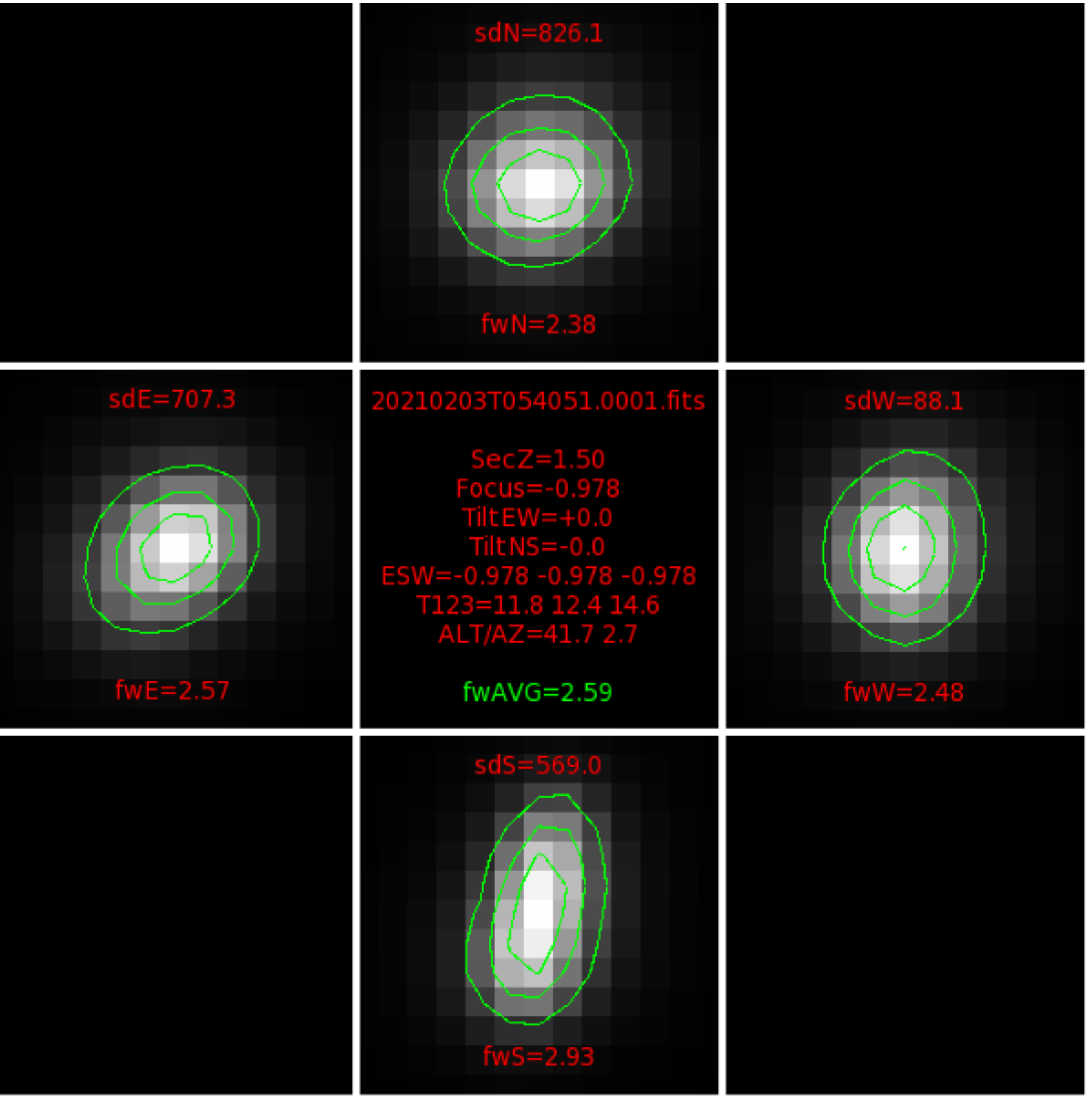
sdN=826.1
fwN=2.38
sdE=707.3
fwE=2.57
20210203T054051.0001.fits
SecZ=1.50
Focus=-0.978
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.978 -0.978 -0.978
T123=11.8 12.4 14.6
ALT/AZ=41.7 2.7
fwAVG=2.59
sdW=88.1
fwW=2.48
sdS=569.0
fwS=2.93
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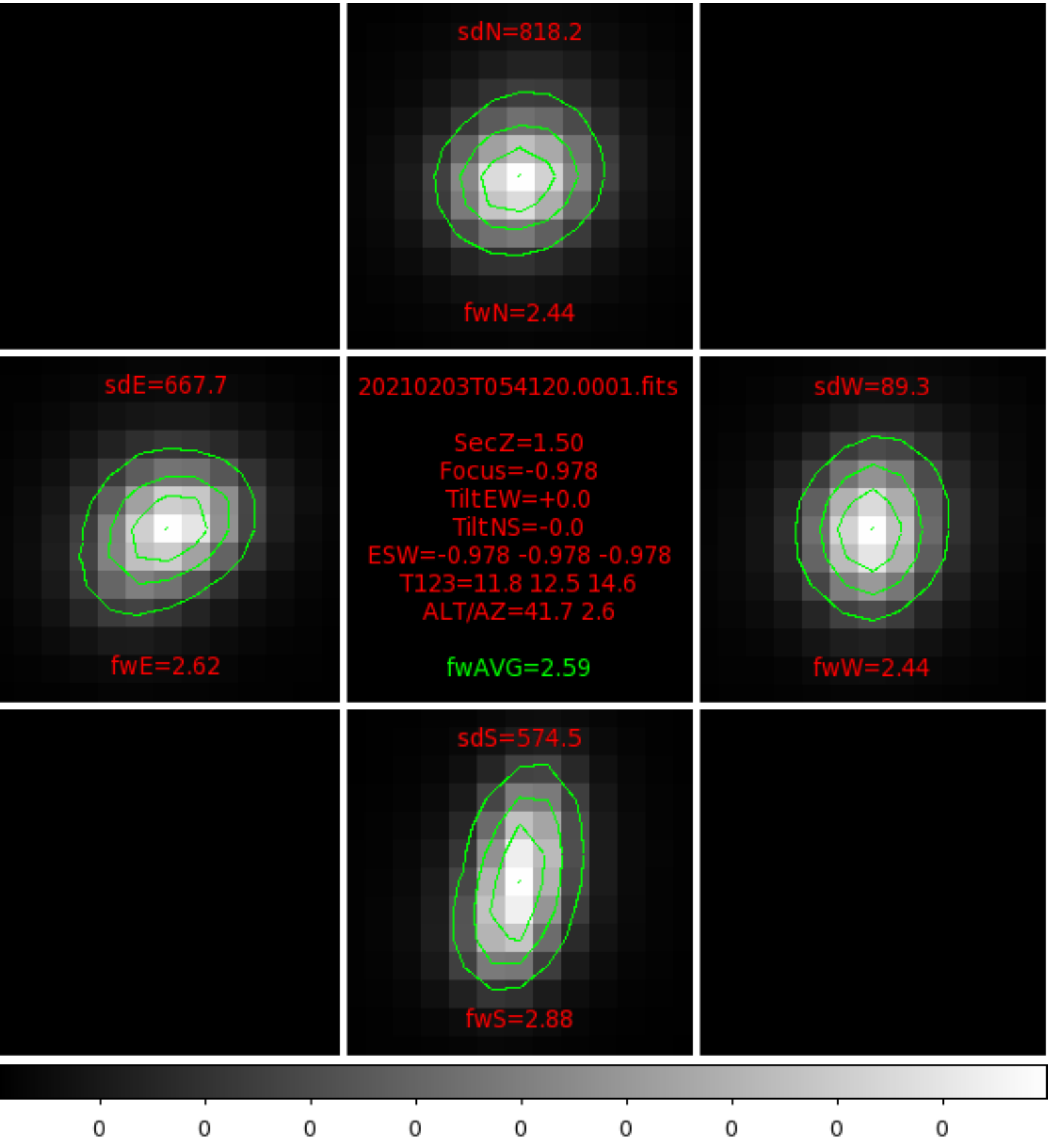
sdN=818.2
fwN=2.44
sdE=667.7
fwE=2.62
20210203T054120.0001.fits
SecZ=1.50
Focus=-0.978
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.978 -0.978 -0.978
T123=11.8 12.5 14.6
ALT/AZ=41.7 2.6
fwAVG=2.59
sdW=89.3
fwW=2.44
sdS=574.5
fwS=2.88
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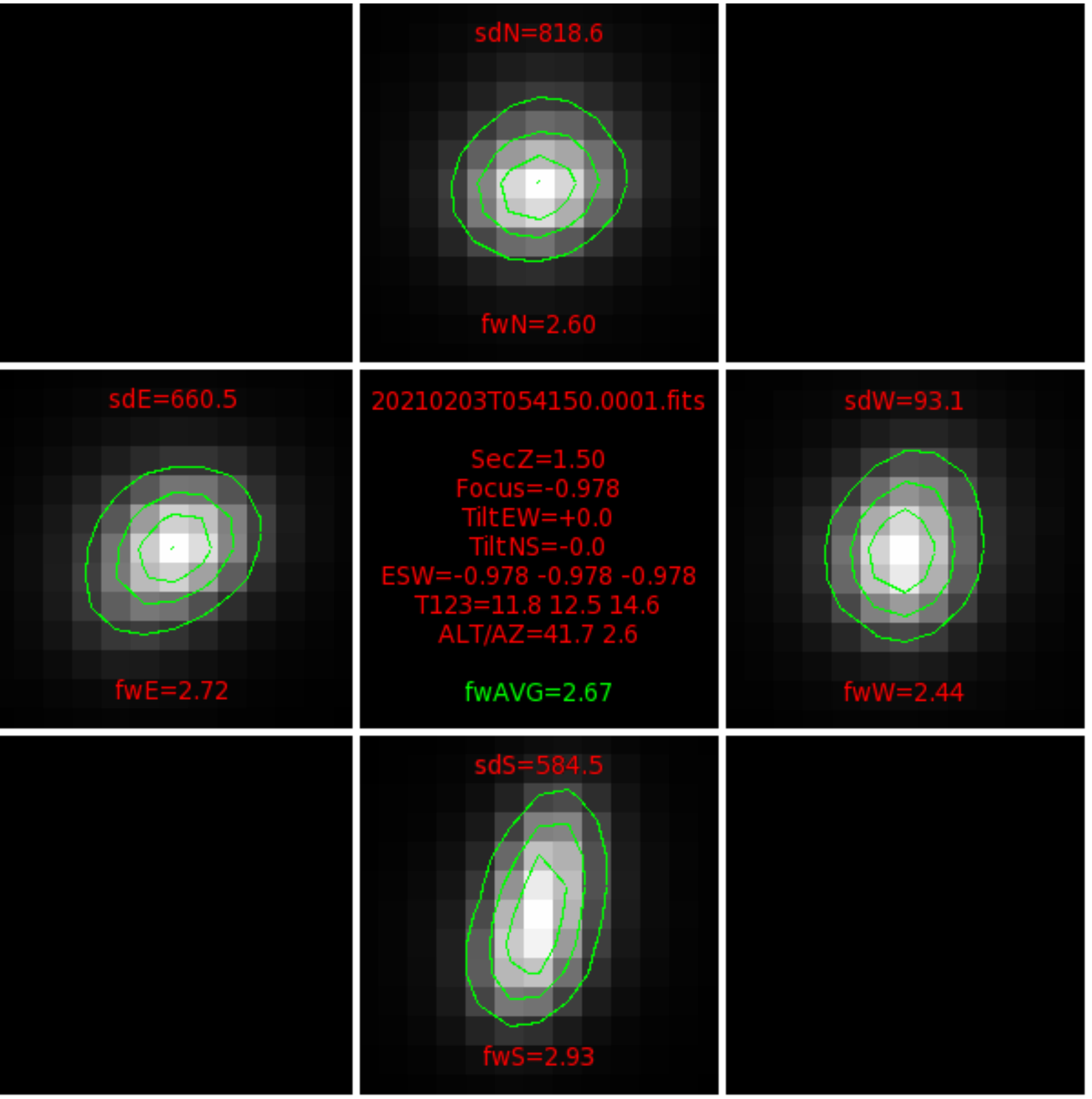
sdN=818.6
fwN=2.60
sdE=660.5
fwE=2.72
20210203T054150.0001.fits
SecZ=1.50
Focus=-0.978
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.978 -0.978 -0.978
T123=11.8 12.5 14.6
ALT/AZ=41.7 2.6
fwAVG=2.67
sdW=93.1
fwW=2.44
sdS=584.5
fwS=2.93
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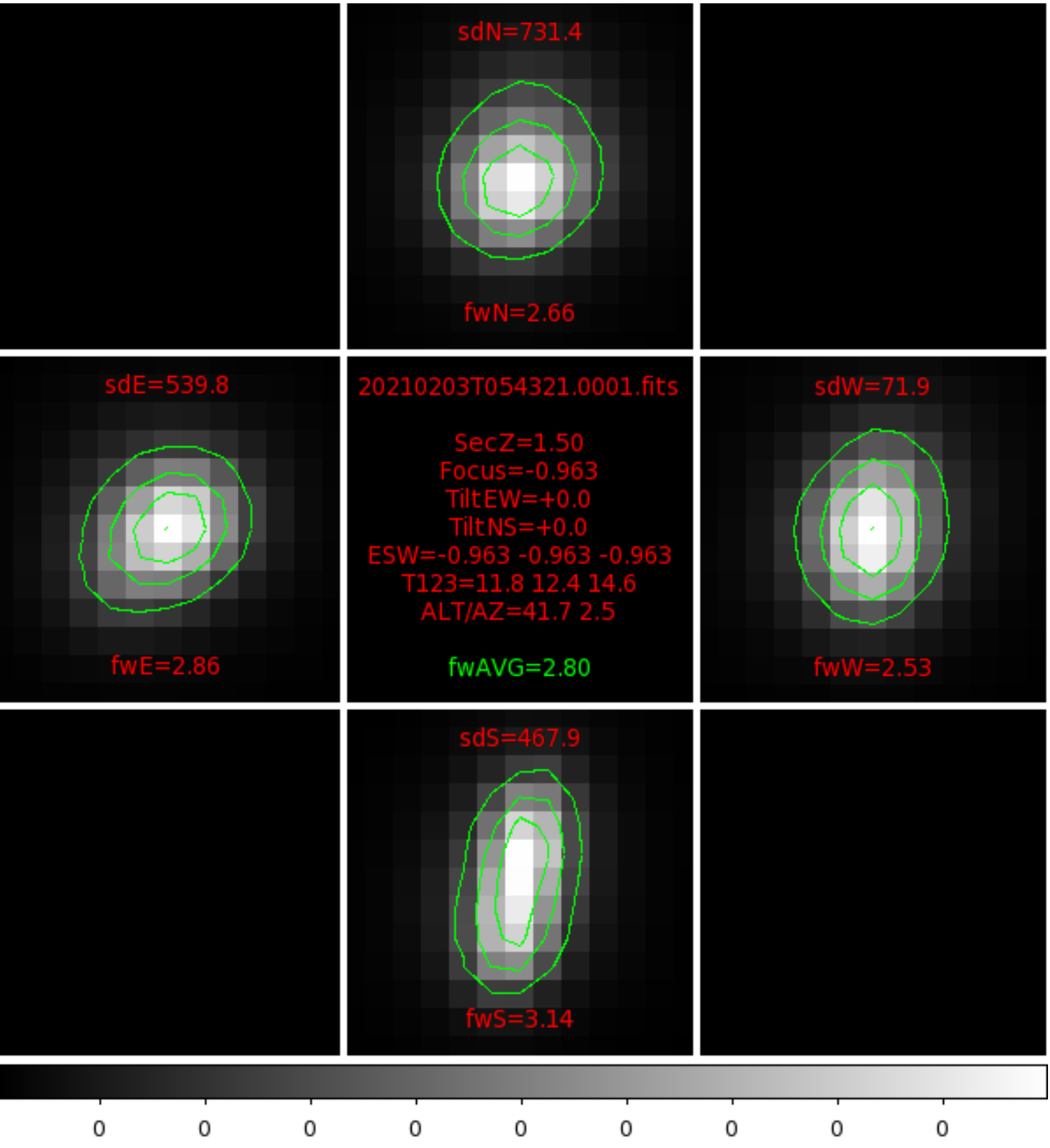
sdN=731.4
fwN=2.66
sdE=539.8
fwE=2.86
20210203T054321.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.4 14.6
ALT/AZ=41.7 2.5
fwAVG=2.80
sdW=71.9
fwW=2.53
sdS=467.9
fwS=3.14
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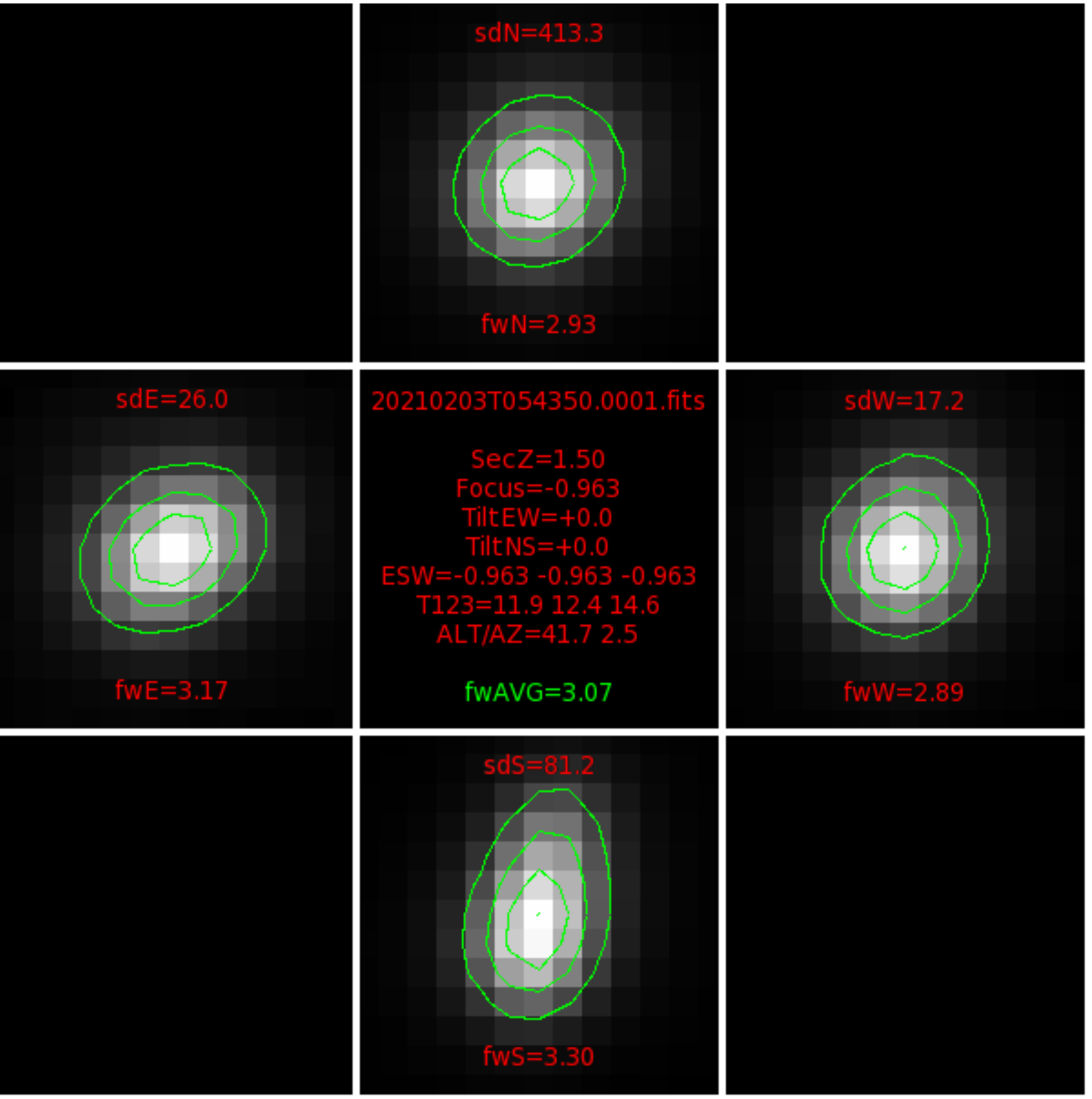
sdN=413.3
fwN=2.93
sdE=26.0
fwE=3.17
20210203T054350.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.9 12.4 14.6
ALT/AZ=41.7 2.5
fwAVG=3.07
sdW=17.2
fwW=2.89
sdS=81.2
fwS=3.30
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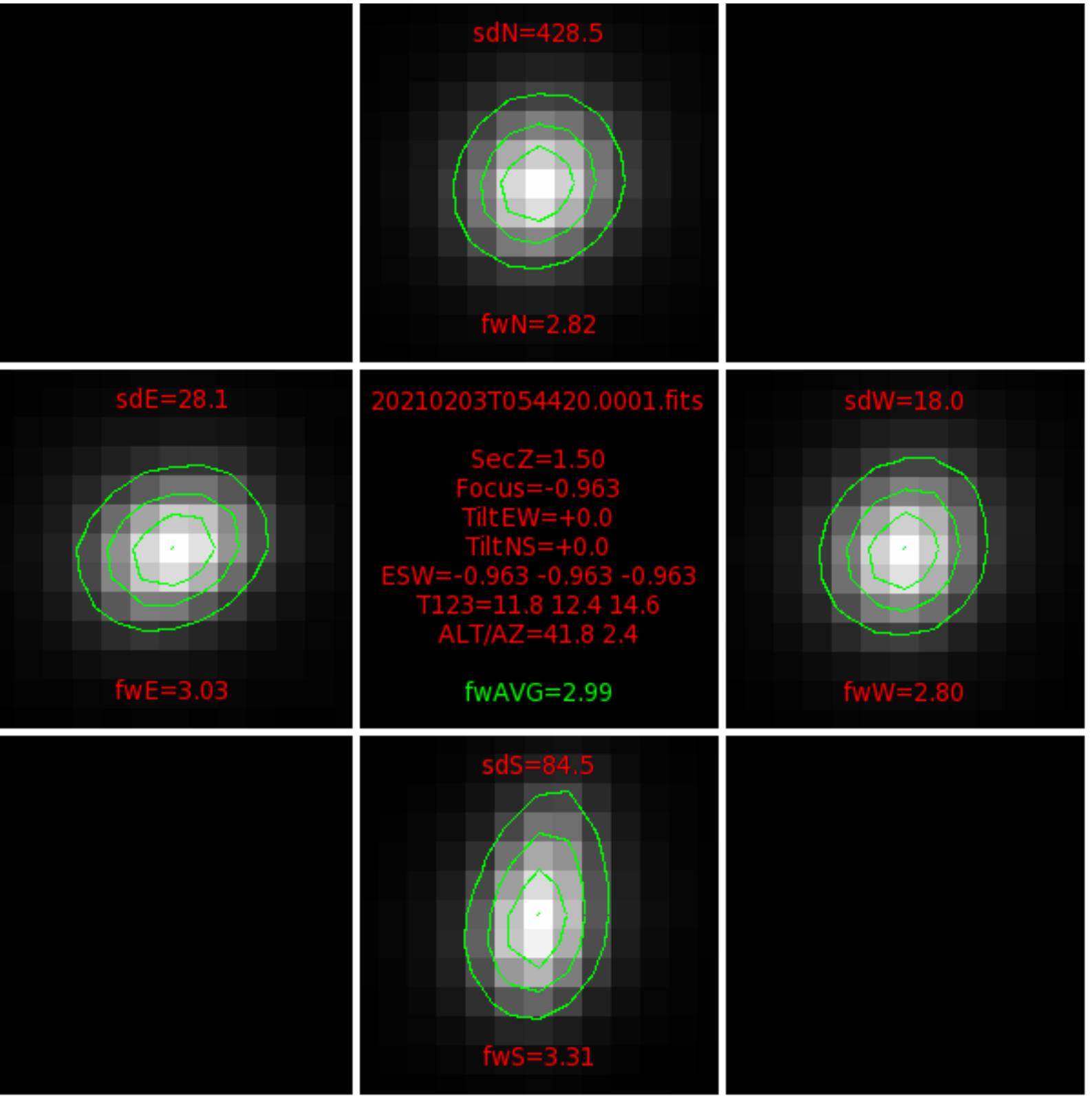
sdN=428.5
fwN=2.82
sdE=28.1
fwE=3.03
20210203T054420.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.4 14.6
ALT/AZ=41.8 2.4
fwAVG=2.99
sdW=18.0
fwW=2.80
sdS=84.5
fwS=3.31
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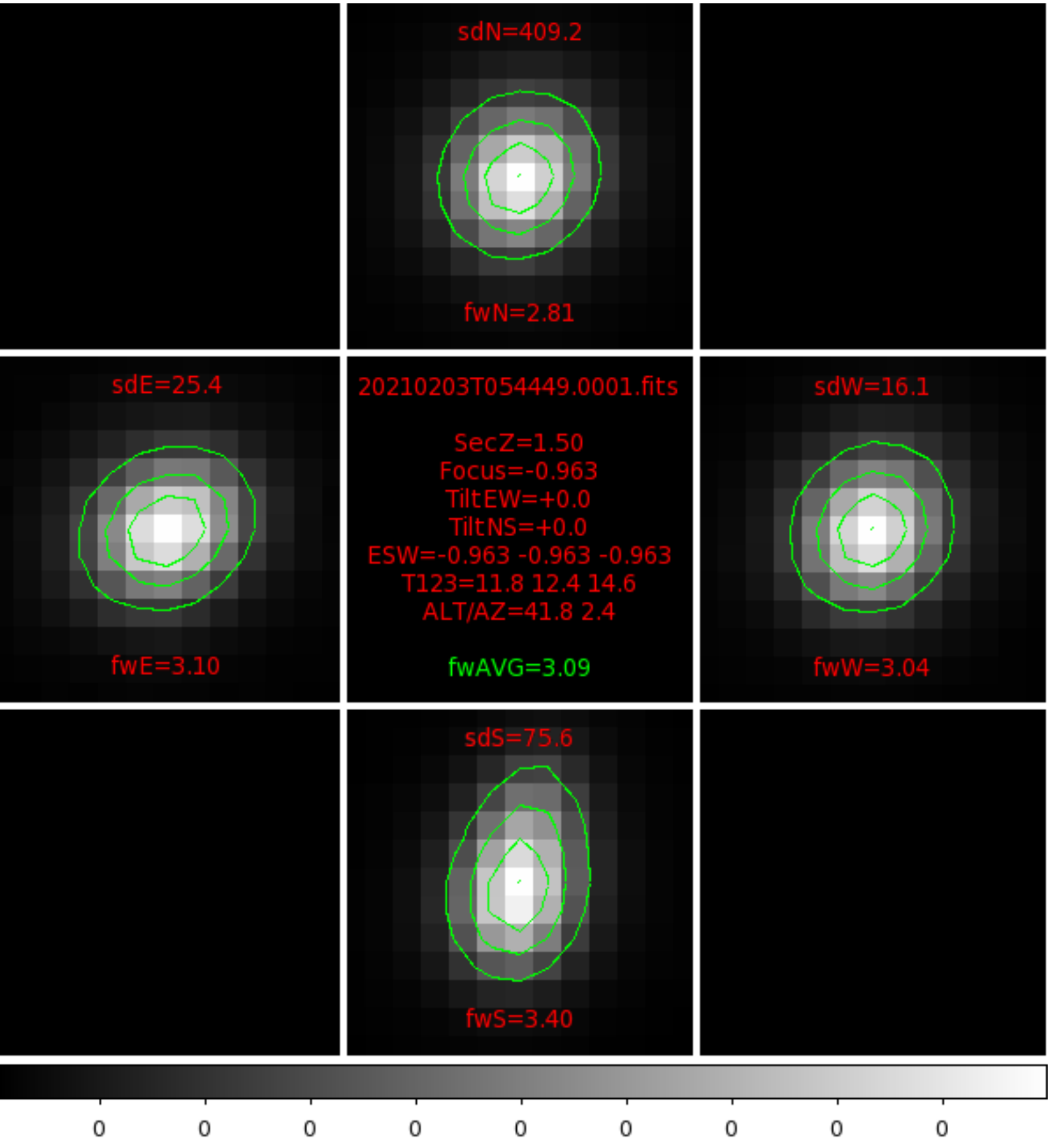
sdN=409.2
fwN=2.81
sdE=25.4
fwE=3.10
20210203T054449.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.4 14.6
ALT/AZ=41.8 2.4
fwAVG=3.09
sdW=16.1
fwW=3.04
sdS=75.6
fwS=3.40
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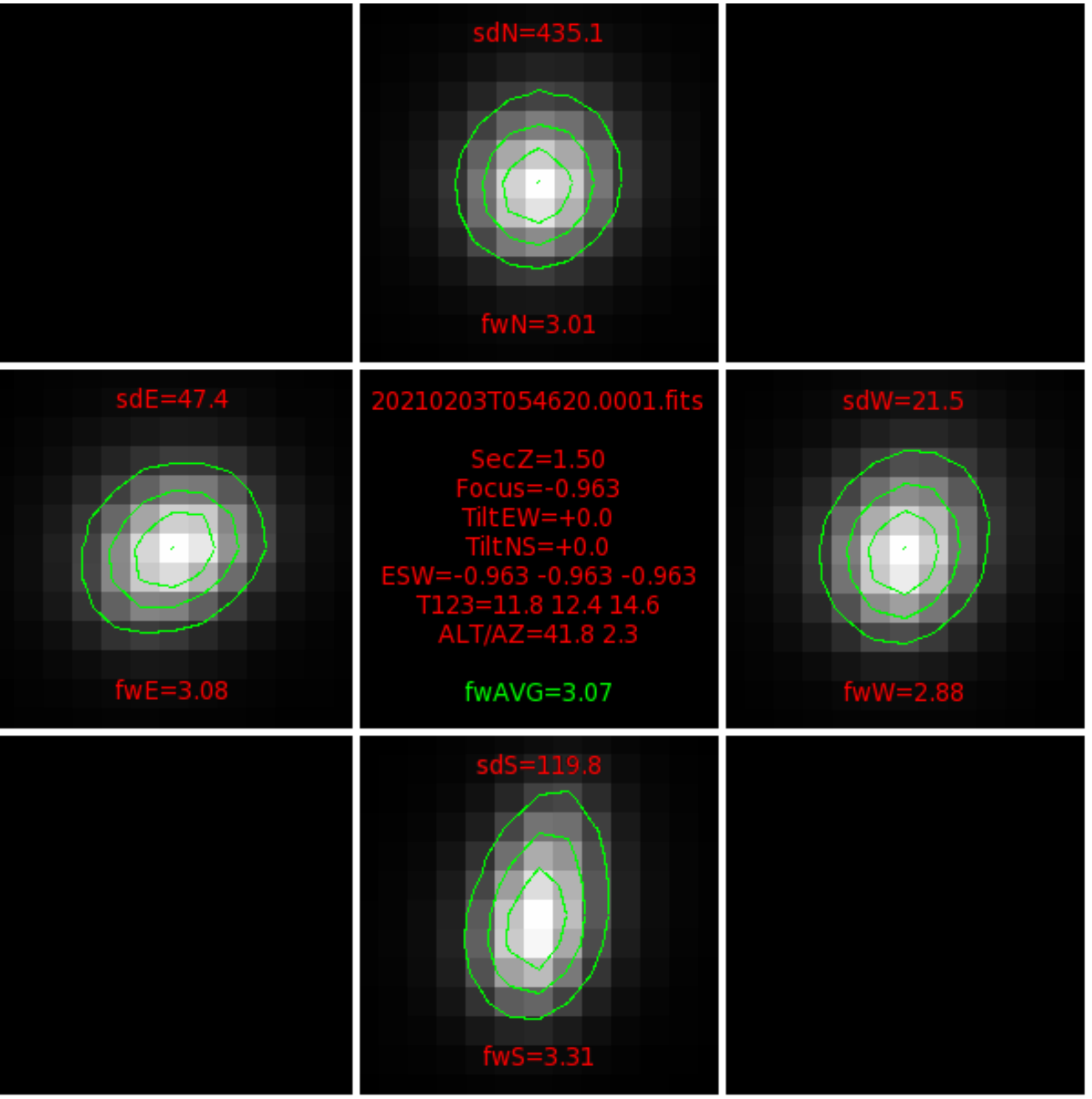
sdN=435.1
fwN=3.01
sdE=47.4
fwE=3.08
20210203T054620.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.4 14.6
ALT/AZ=41.8 2.3
fwAVG=3.07
sdW=21.5
fwW=2.88
sdS=119.8
fwS=3.31
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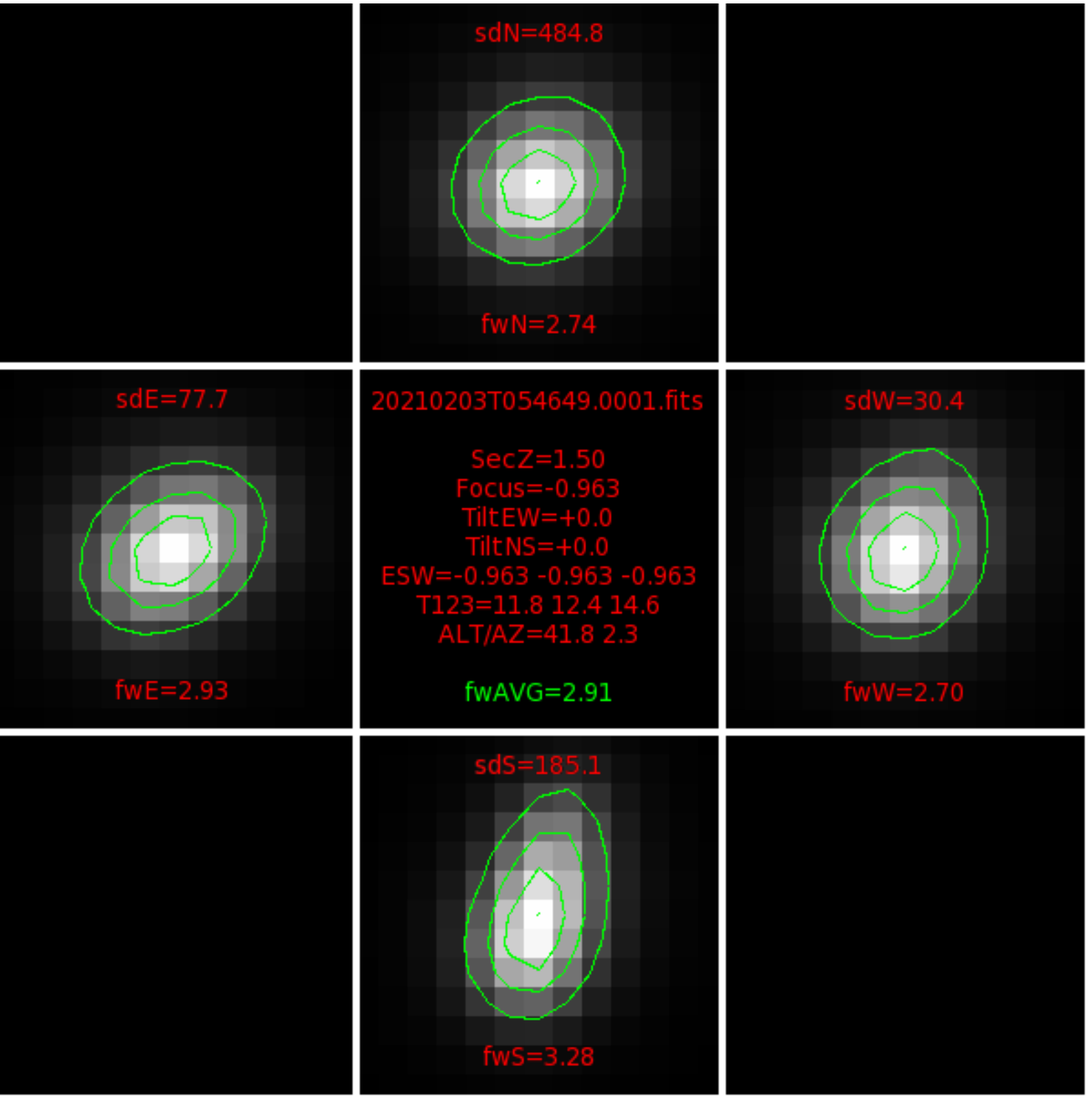
sdN=484.8
fwN=2.74
sdE=77.7
fwE=2.93
20210203T054649.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.4 14.6
ALT/AZ=41.8 2.3
fwAVG=2.91
sdW=30.4
fwW=2.70
sdS=185.1
fwS=3.28
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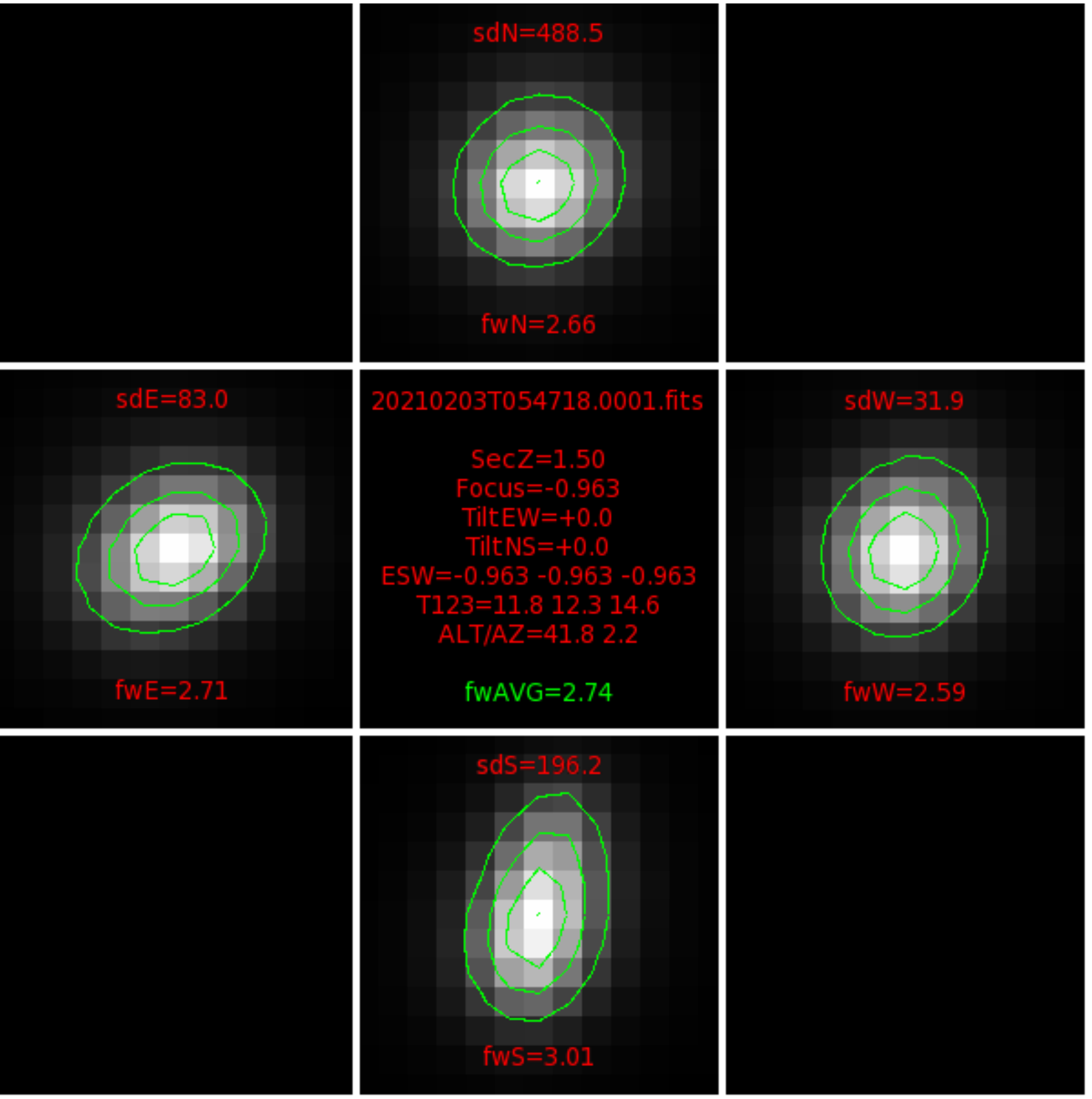
sdN=488.5
fwN=2.66
sdE=83.0
fwE=2.71
20210203T054718.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.6
ALT/AZ=41.8 2.2
fwAVG=2.74
sdW=31.9
fwW=2.59
sdS=196.2
fwS=3.01
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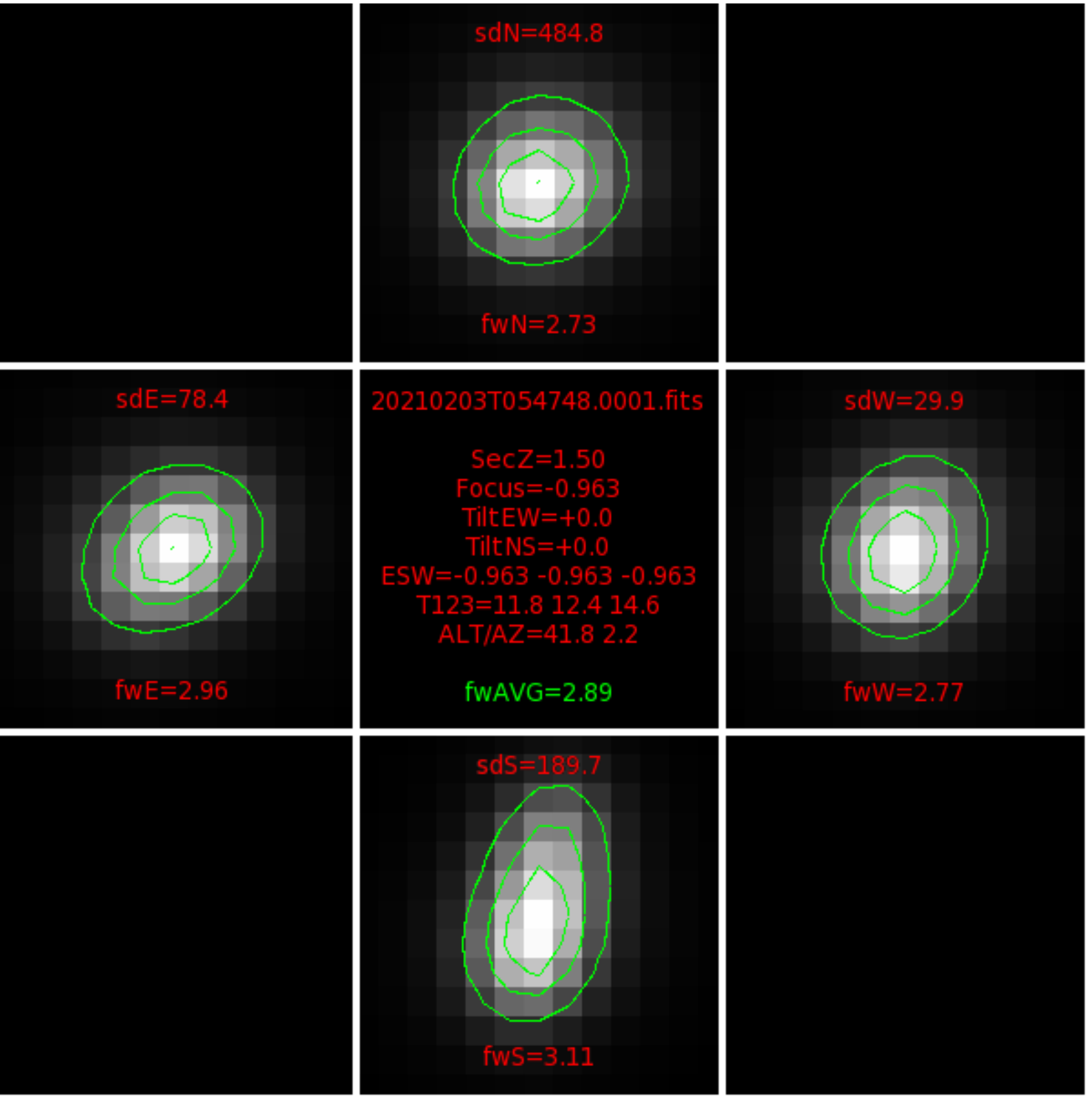
sdN=484.8
fwN=2.73
sdE=78.4
fwE=2.96
20210203T054748.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.4 14.6
ALT/AZ=41.8 2.2
fwAVG=2.89
sdW=29.9
fwW=2.77
sdS=189.7
fwS=3.11
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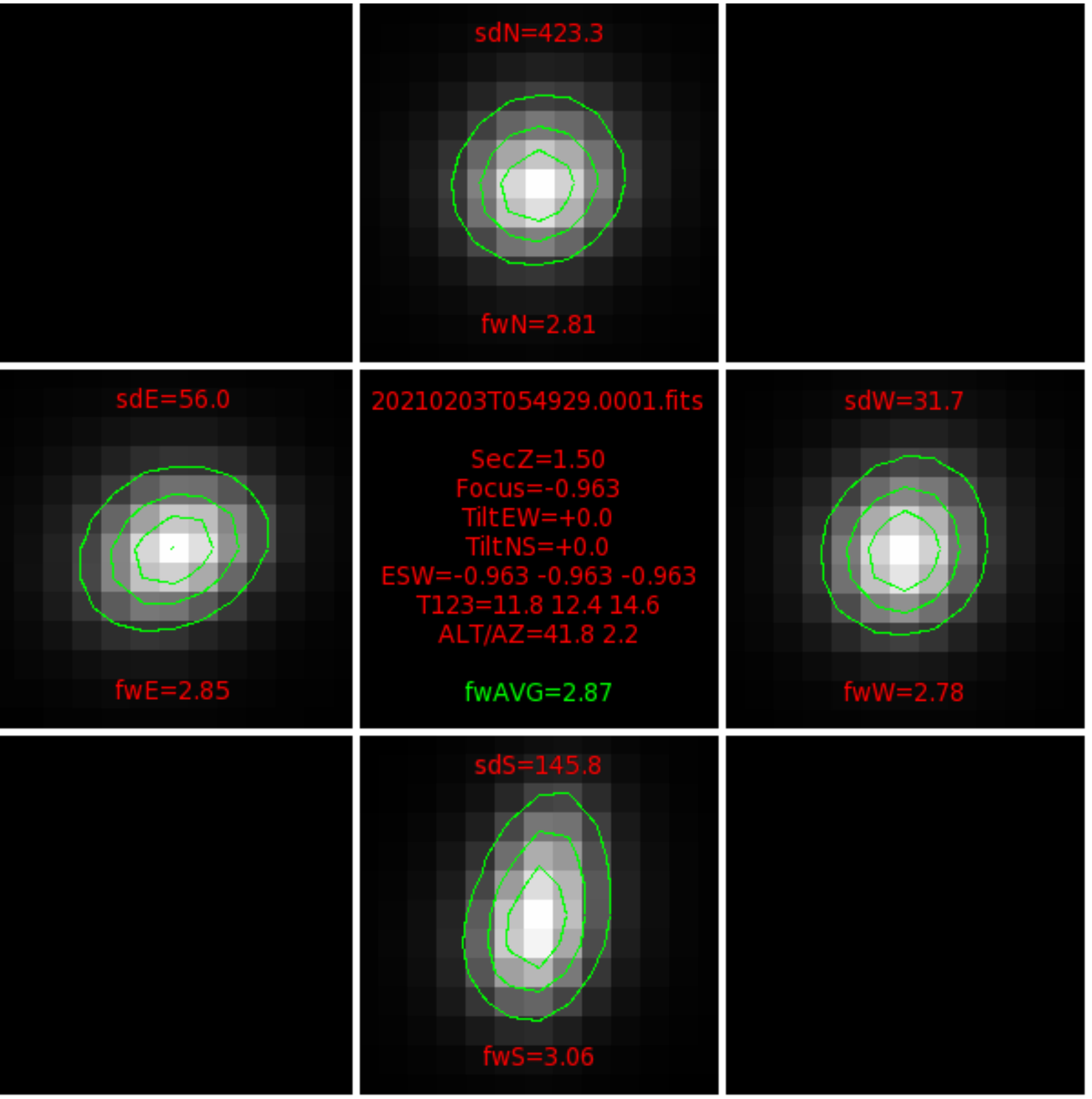
sdN=423.3
fwN=2.81
sdE=56.0
fwE=2.85
20210203T054929.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.4 14.6
ALT/AZ=41.8 2.2
fwAVG=2.87
sdW=31.7
fwW=2.78
sdS=145.8
fwS=3.06
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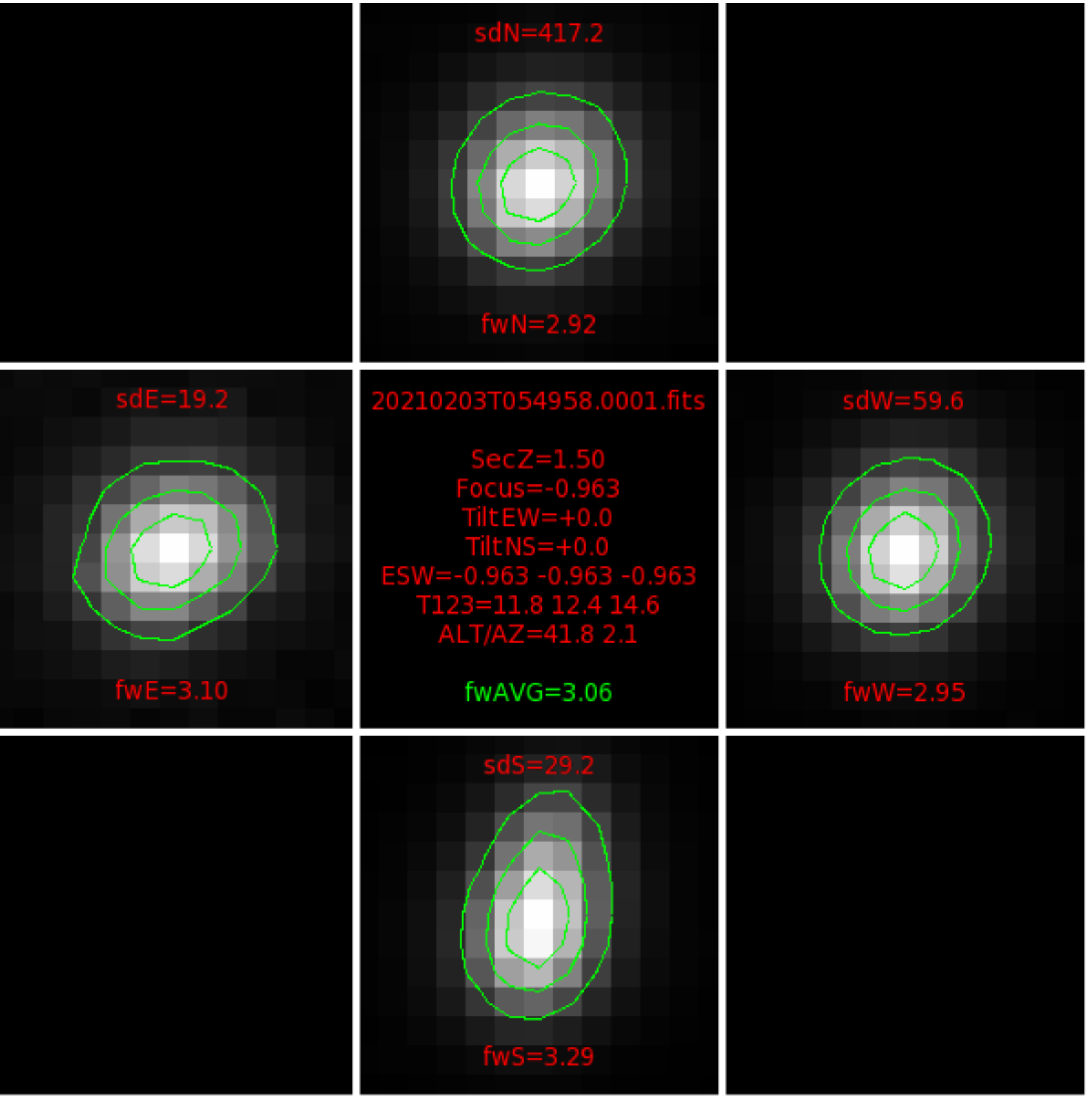
sdN=417.2
fwN=2.92
sdE=19.2
fwE=3.10
20210203T054958.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.4 14.6
ALT/AZ=41.8 2.1
fwAVG=3.06
sdW=59.6
fwW=2.95
sdS=29.2
fwS=3.29
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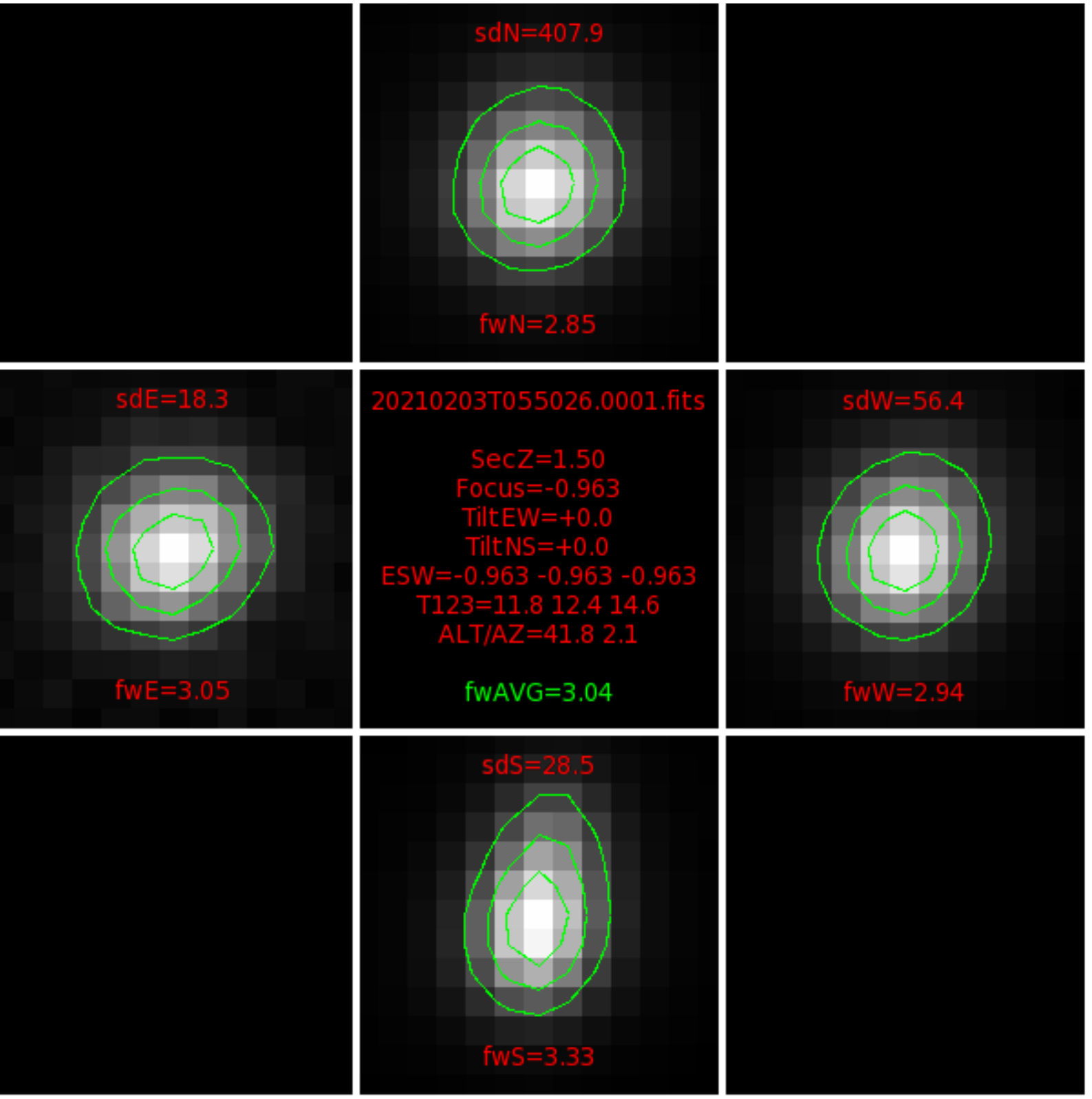
sdN=407.9
fwN=2.85
sdE=18.3
fwE=3.05
20210203T055026.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.4 14.6
ALT/AZ=41.8 2.1
fwAVG=3.04
sdW=56.4
fwW=2.94
sdS=28.5
fwS=3.33
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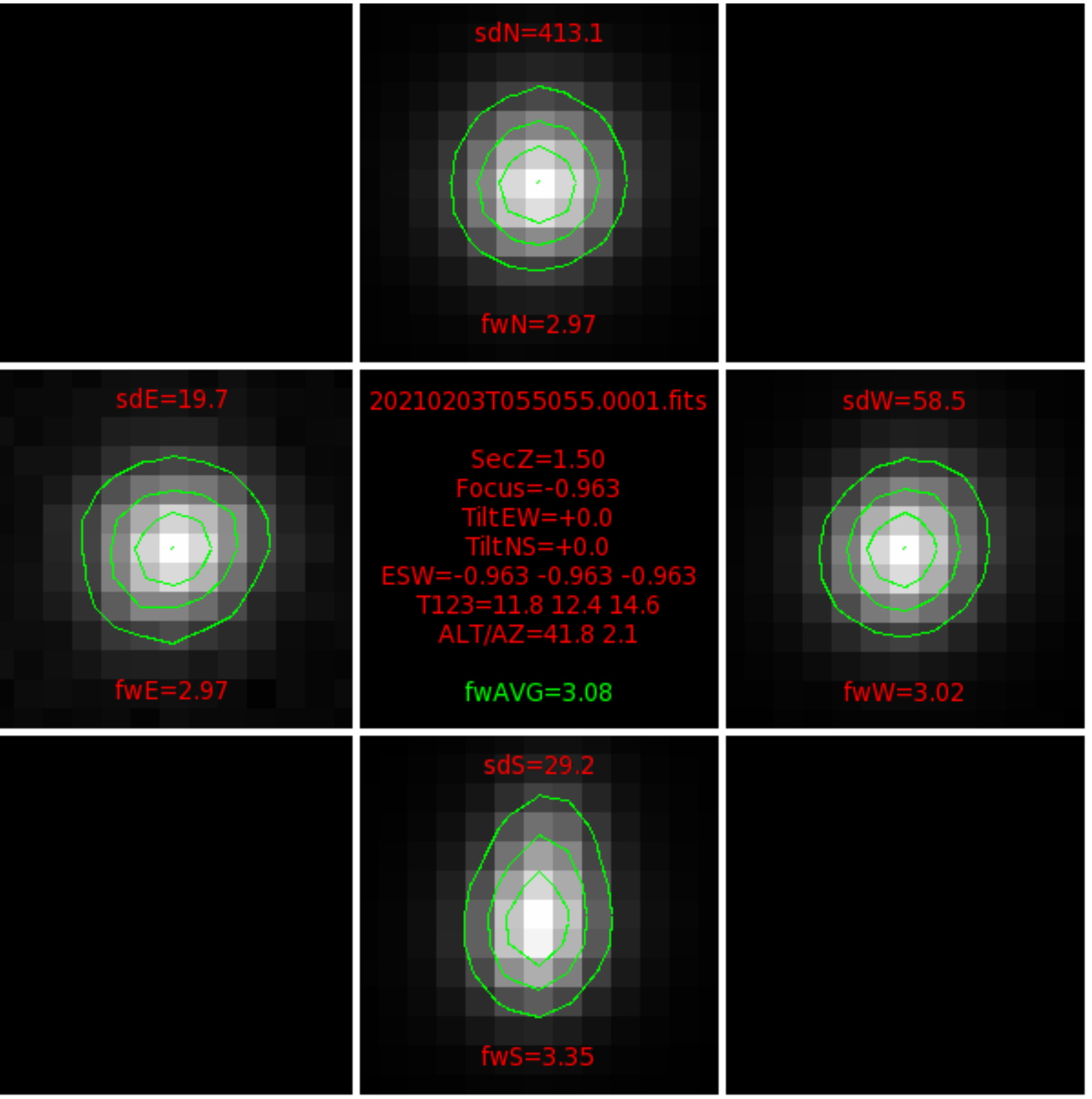
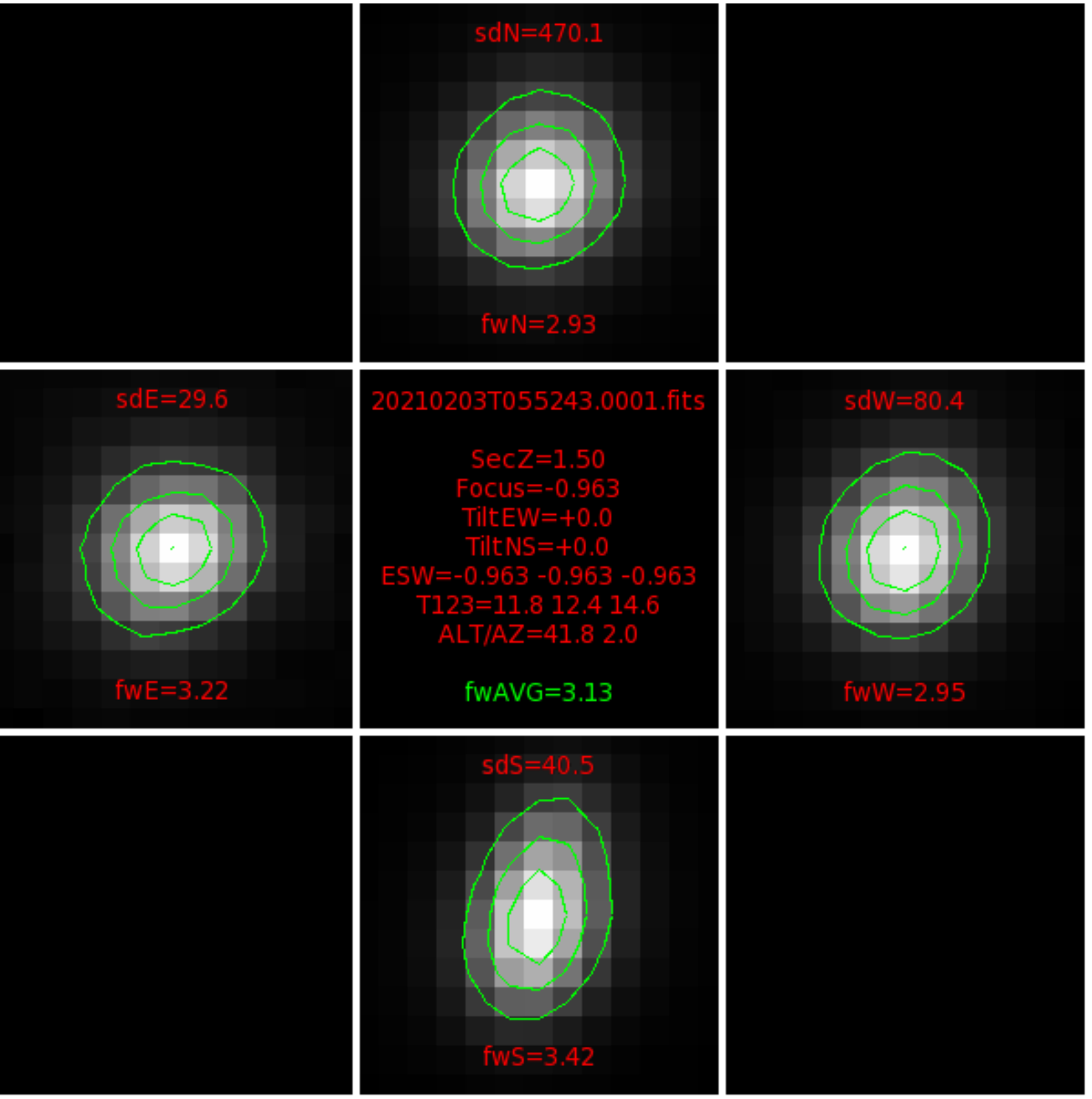
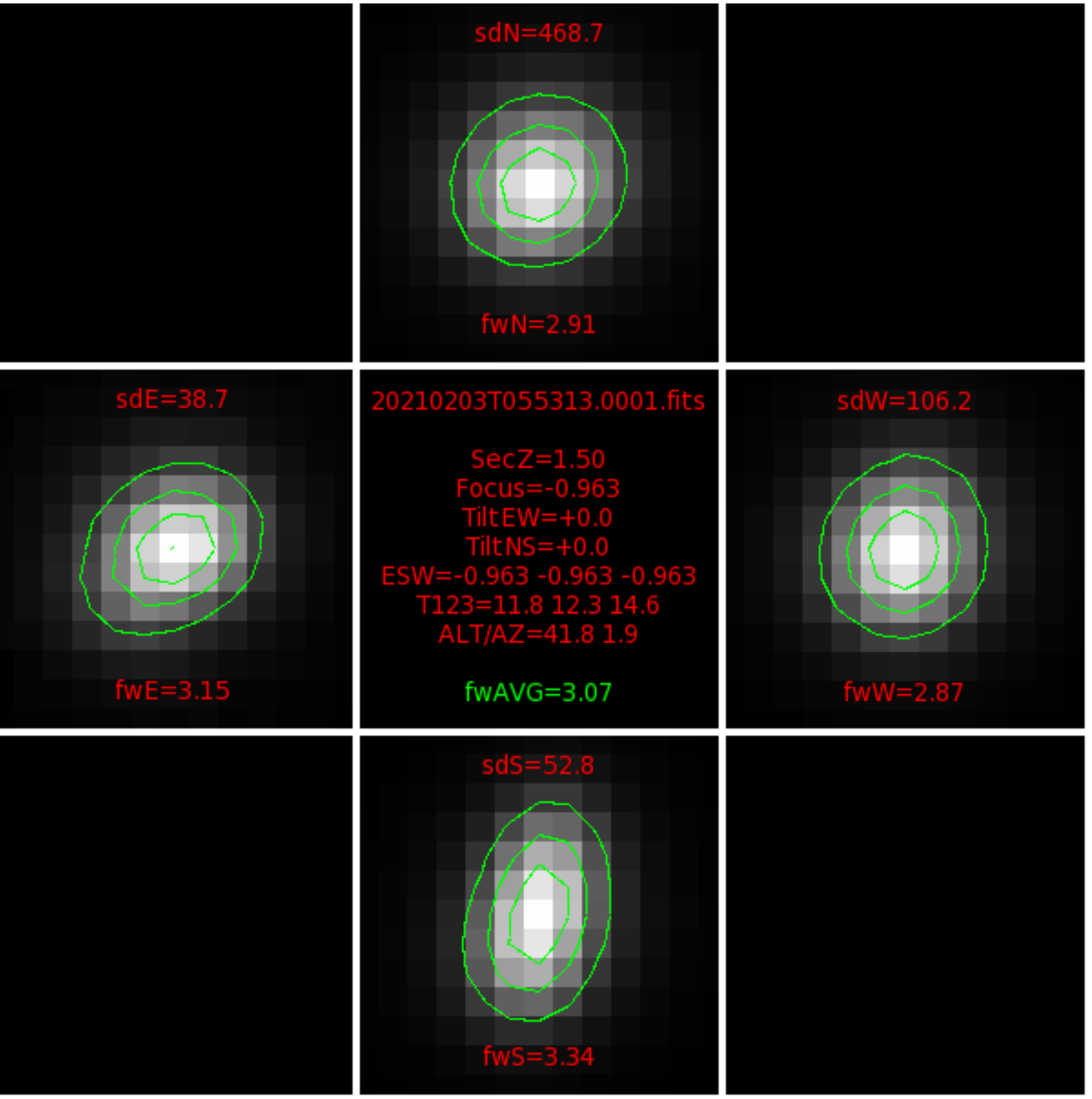
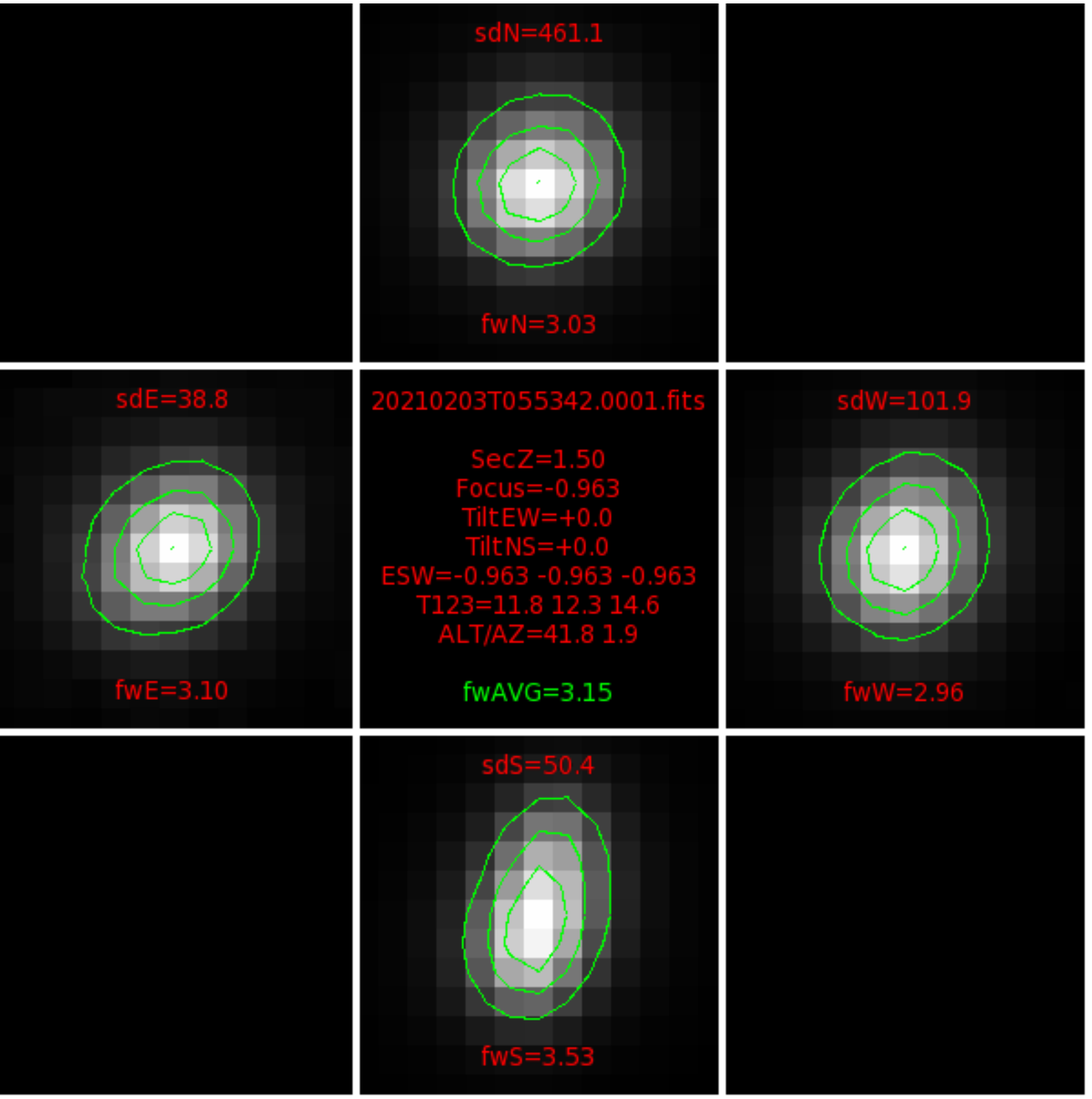
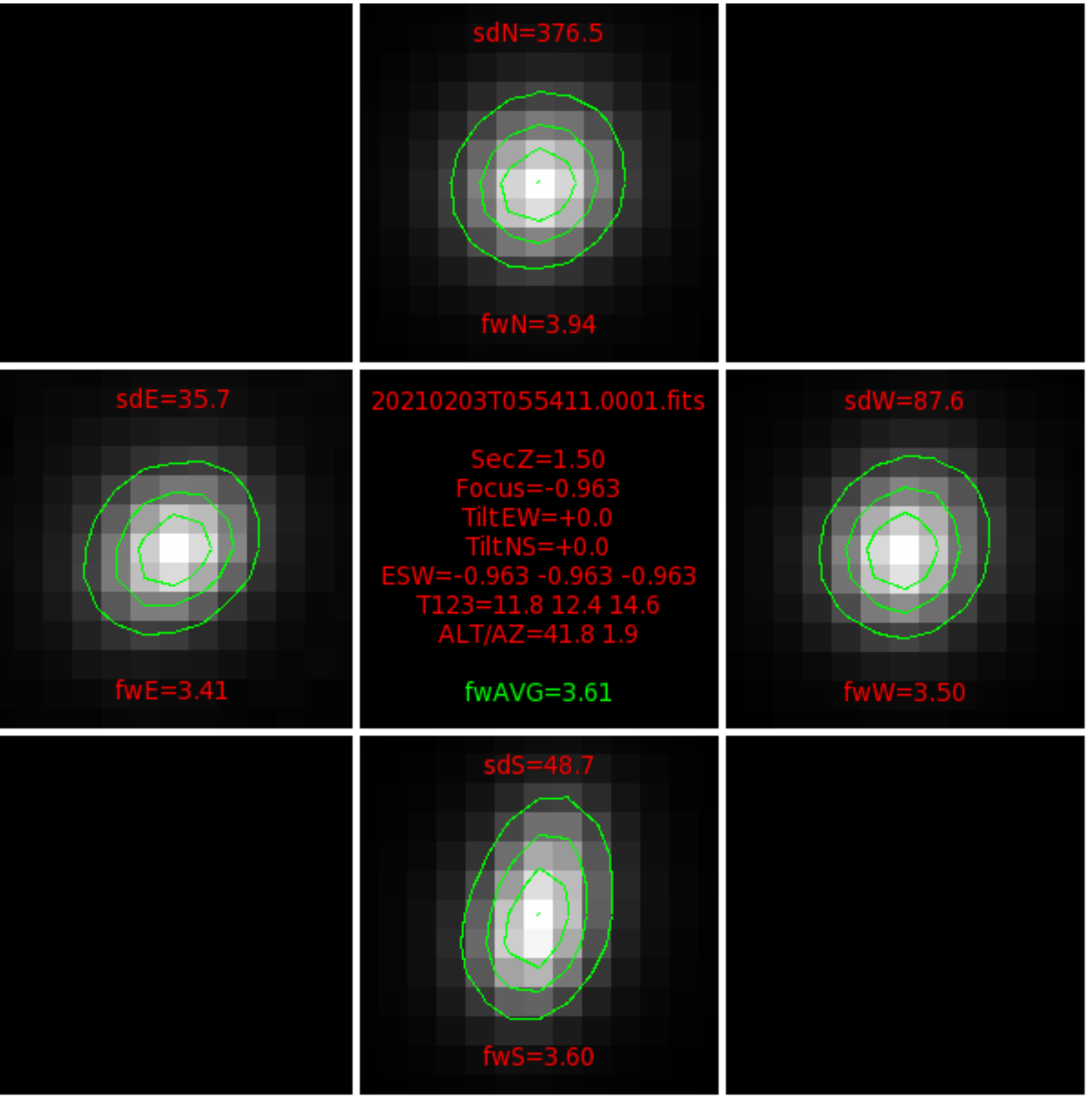

sdN=413.1
fwN=2.97
sdE=19.7
fwE=2.97
20210203T055055.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.4 14.6
ALT/AZ=41.8 2.1
fwAVG=3.08
sdW=58.5
fwW=3.02
sdS=29.2
fwS=3.35
0 0 0 0 0 0 0 0 0


sdN=470.1
fwN=2.93
sdE=29.6
fwE=3.22
20210203T055243.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.4 14.6
ALT/AZ=41.8 2.0
fwAVG=3.13
sdW=80.4
fwW=2.95
sdS=40.5
fwS=3.42
0 0 0 0 0 0 0 0 0


sdN=468.7
fwN=2.91
sdE=38.7
fwE=3.15
20210203T055313.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.6
ALT/AZ=41.8 1.9
fwAVG=3.07
sdW=106.2
fwW=2.87
sdS=52.8
fwS=3.34
0 0 0 0 0 0 0 0 0


sdN=461.1
fwN=3.03
sdE=38.8
fwE=3.10
20210203T055342.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.6
ALT/AZ=41.8 1.9
fwAVG=3.15
sdW=101.9
fwW=2.96
sdS=50.4
fwS=3.53
0 0 0 0 0 0 0 0 0


sdN=376.5
fwN=3.94
sdE=35.7
fwE=3.41
20210203T055411.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.4 14.6
ALT/AZ=41.8 1.9
fwAVG=3.61
sdW=87.6
fwW=3.50
sdS=48.7
fwS=3.60
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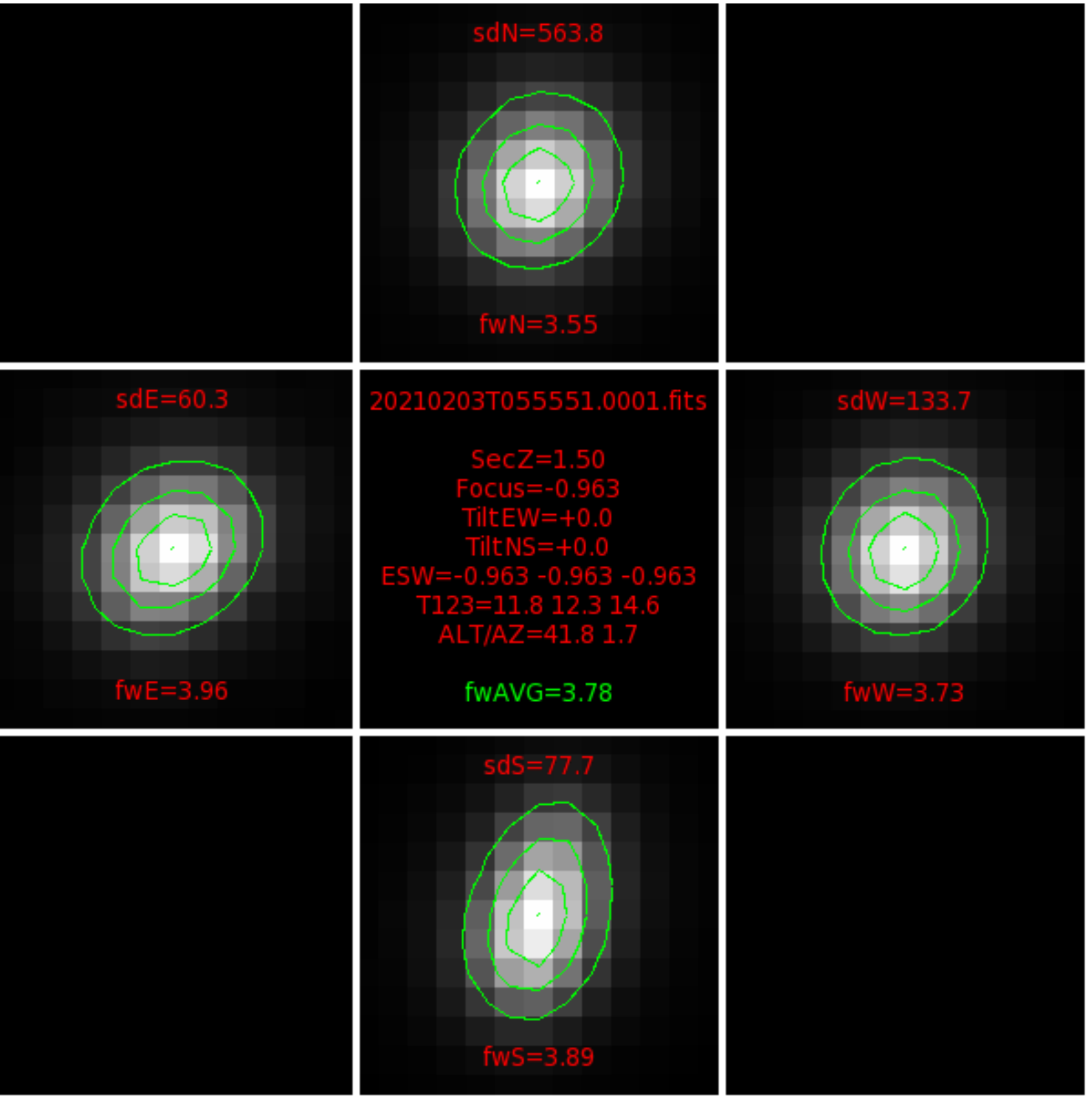
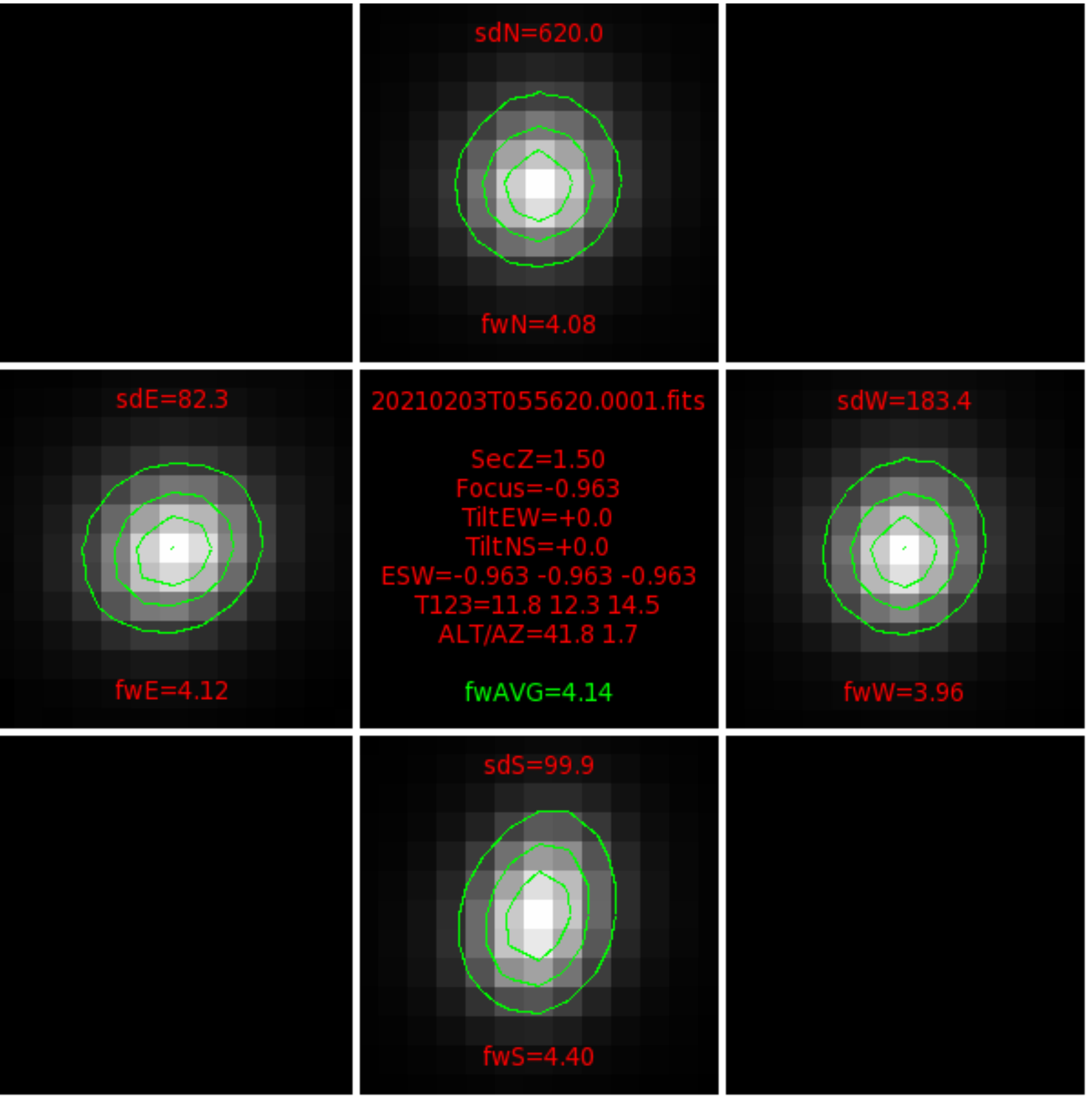

sdN=563.8
fwN=3.55
sdE=60.3
fwE=3.96
20210203T055551.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.6
ALT/AZ=41.8 1.7
fwAVG=3.78
sdW=133.7
fwW=3.73
sdS=77.7
fwS=3.89
0 0 0 0 0 0 0 0 0


sdN=620.0
fwN=4.08
sdE=82.3
fwE=4.12
20210203T055620.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.5
ALT/AZ=41.8 1.7
fwAVG=4.14
sdW=183.4
fwW=3.96
sdS=99.9
fwS=4.40
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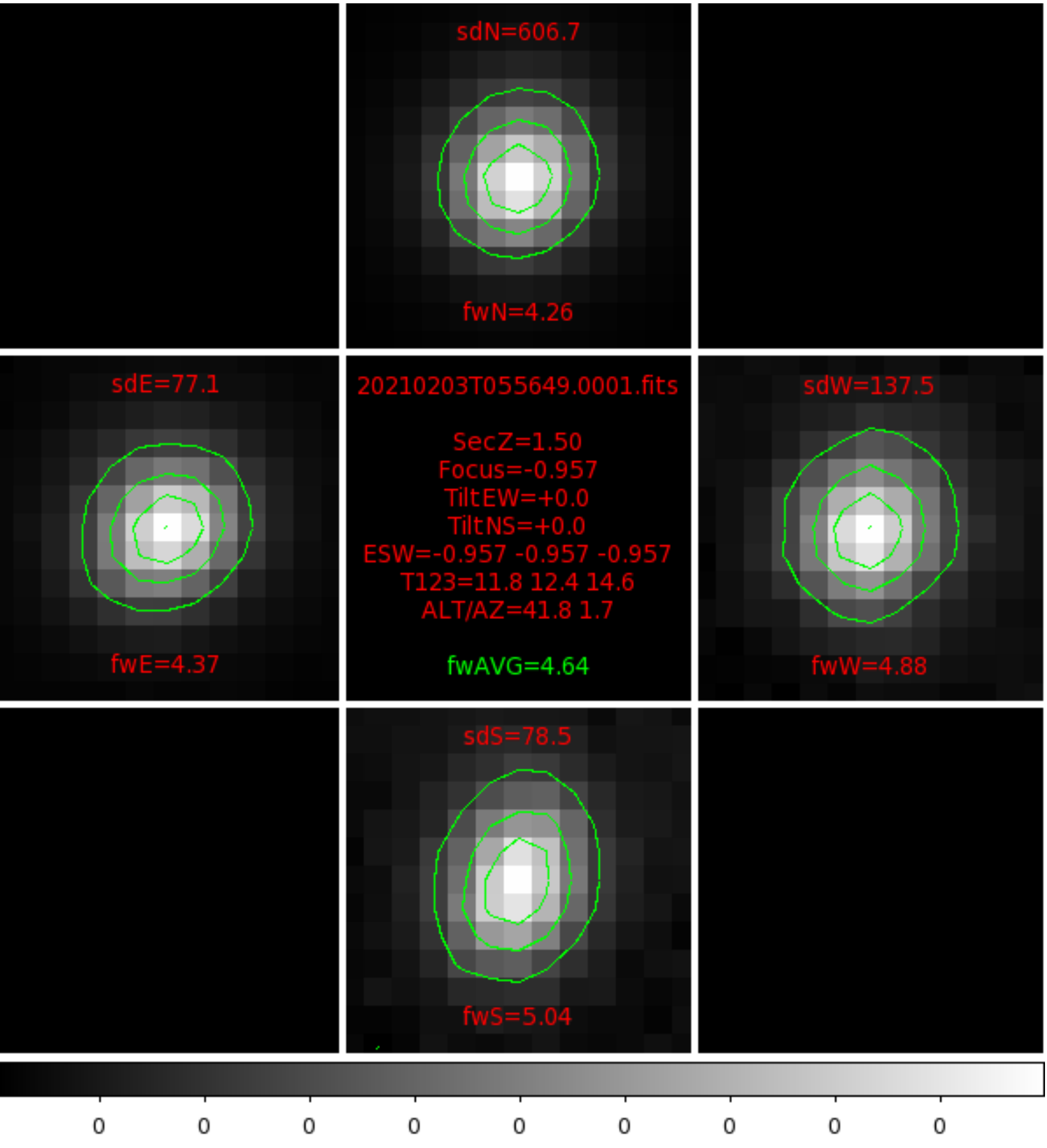
sdN=606.7
fwN=4.26
sdE=77.1
fwE=4.37
20210203T055649.0001.fits
SecZ=1.50
Focus=-0.957
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.957 -0.957 -0.957
T123=11.8 12.4 14.6
ALT/AZ=41.8 1.7
fwAVG=4.64
sdW=137.5
fwW=4.88
sdS=78.5
fwS=5.04
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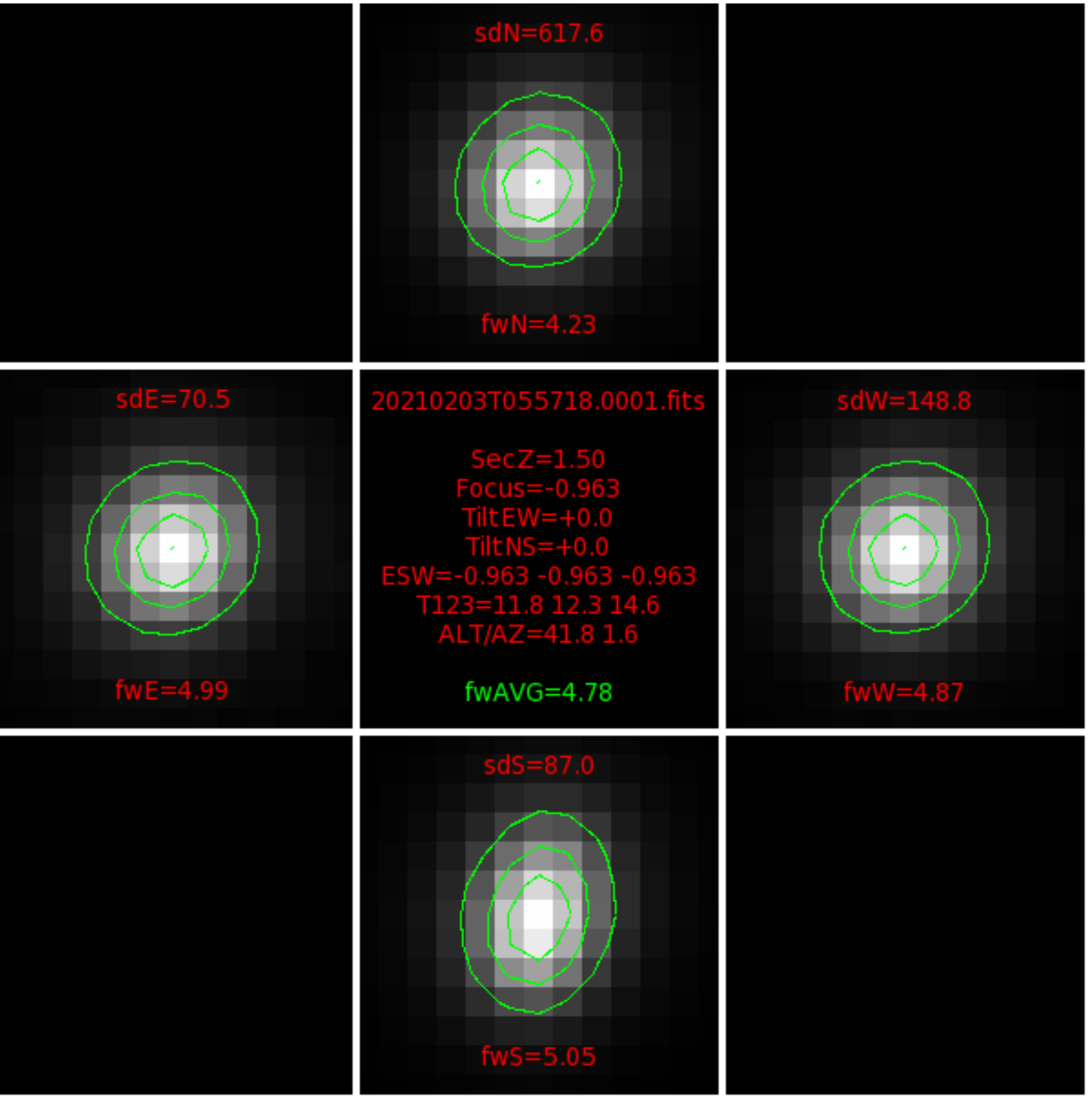
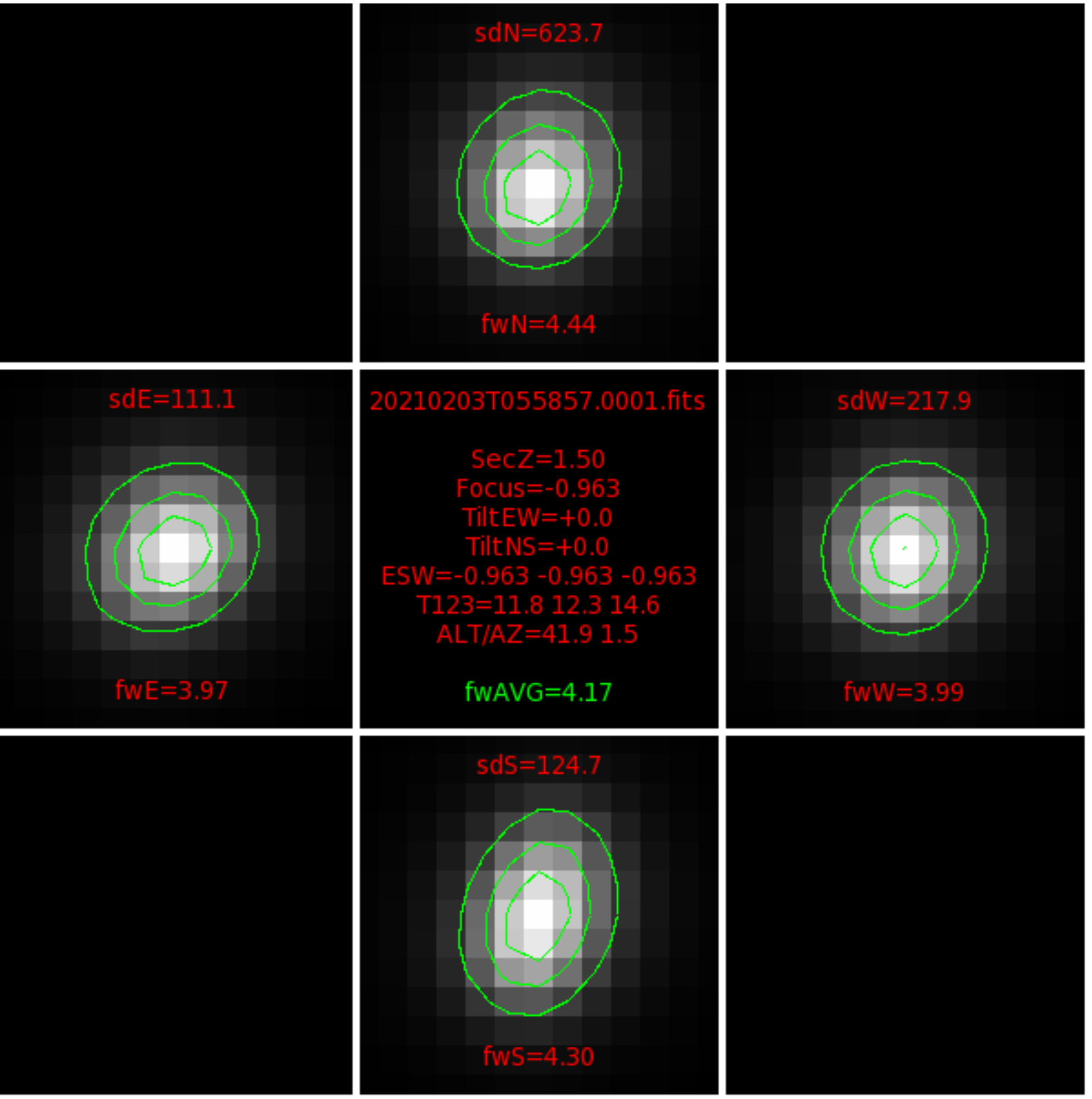

sdN=617.6
fwN=4.23
sdE=70.5
fwE=4.99
20210203T055718.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.6
ALT/AZ=41.8 1.6
fwAVG=4.78
sdW=148.8
fwW=4.87
sdS=87.0
fwS=5.05
0 0 0 0 0 0 0 0 0


sdN=623.7
fwN=4.44
sdE=111.1
fwE=3.97
20210203T055857.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.6
ALT/AZ=41.9 1.5
fwAVG=4.17
sdW=217.9
fwW=3.99
sdS=124.7
fwS=4.30
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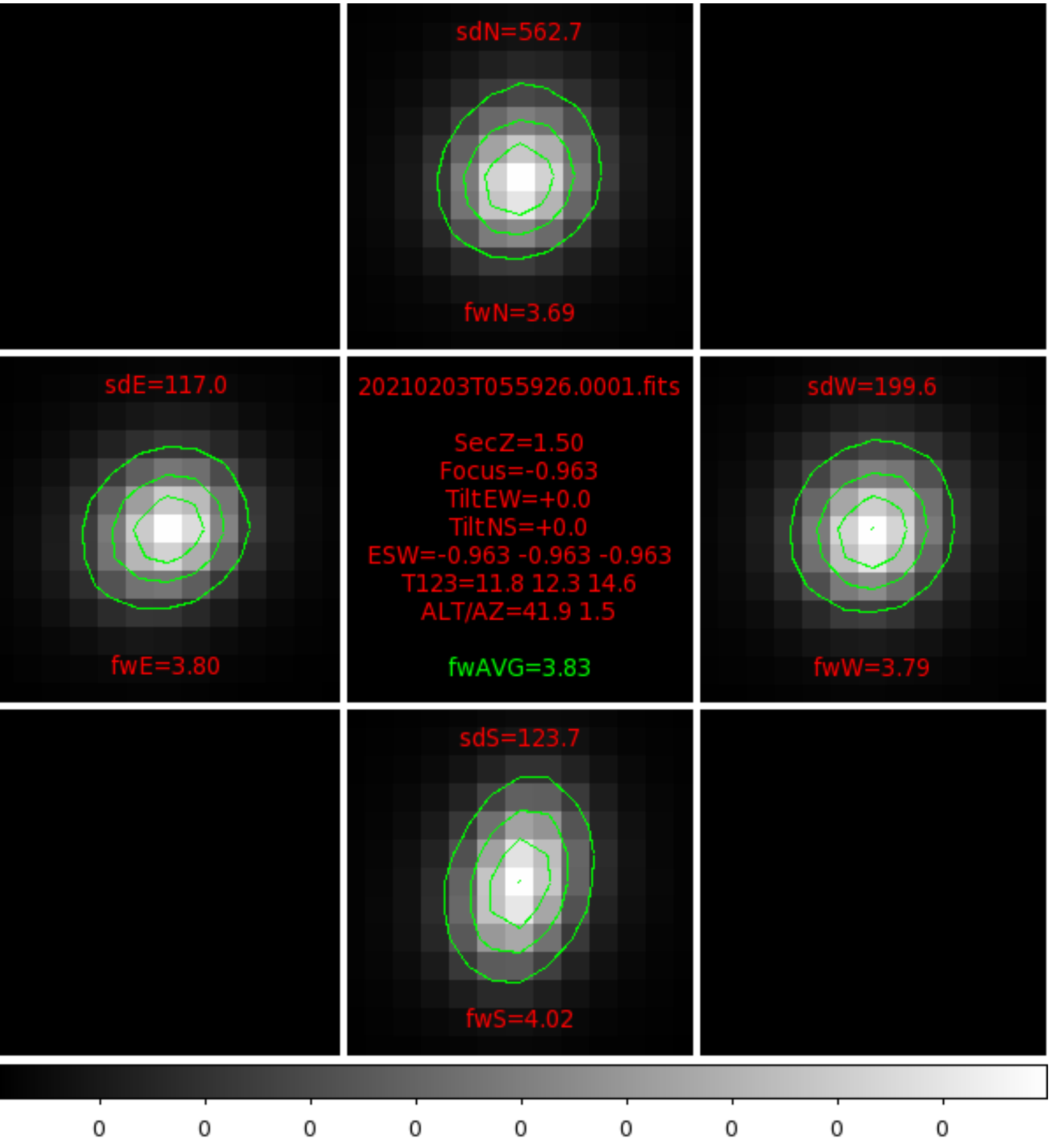
sdN=562.7
fwN=3.69
sdE=117.0
fwE=3.80
20210203T055926.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.6
ALT/AZ=41.9 1.5
fwAVG=3.83
sdW=199.6
fwW=3.79
sdS=123.7
fwS=4.02
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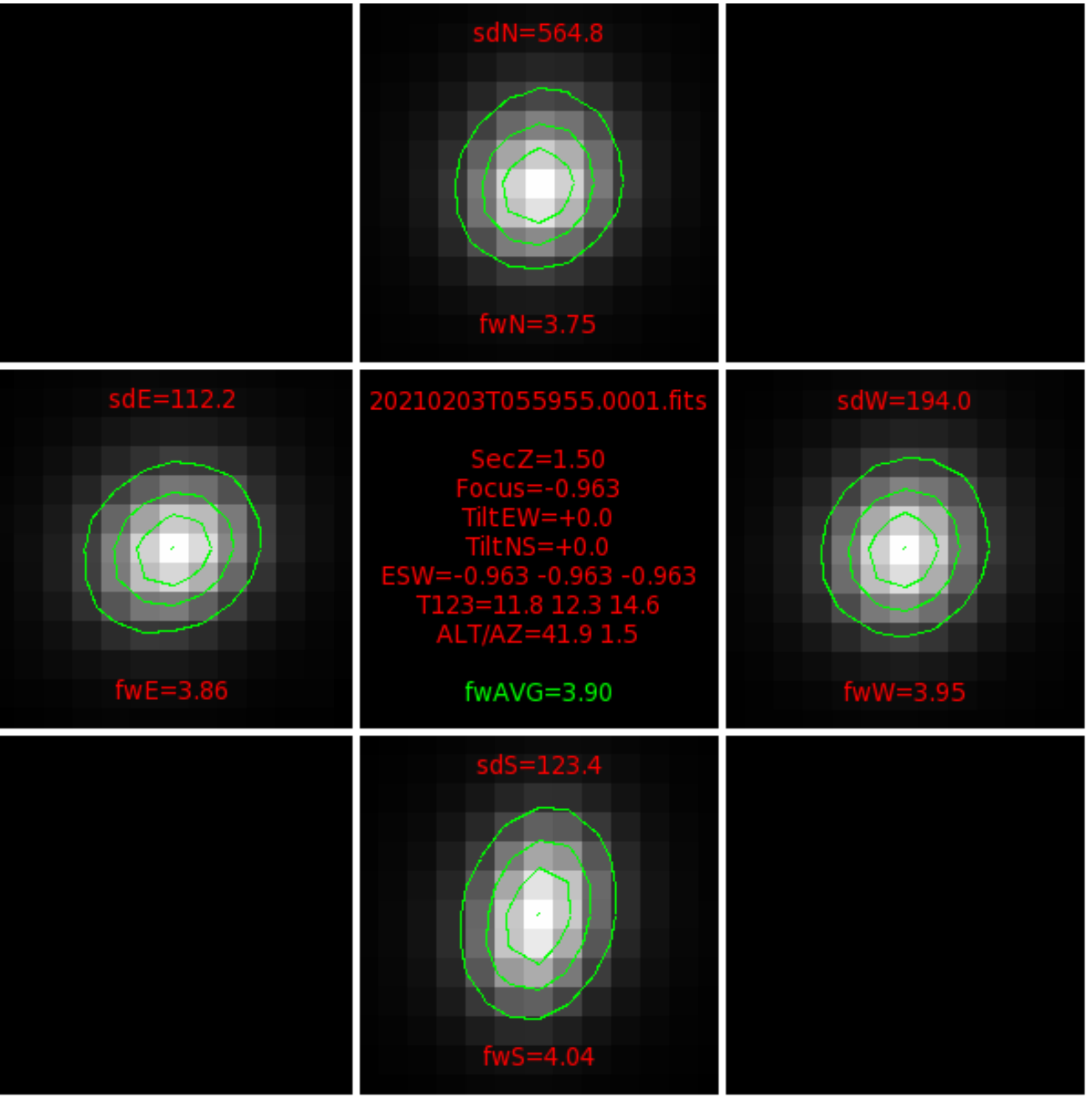
sdN=564.8
fwN=3.75
sdE=112.2
fwE=3.86
20210203T055955.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.6
ALT/AZ=41.9 1.5
fwAVG=3.90
sdW=194.0
fwW=3.95
sdS=123.4
fwS=4.04
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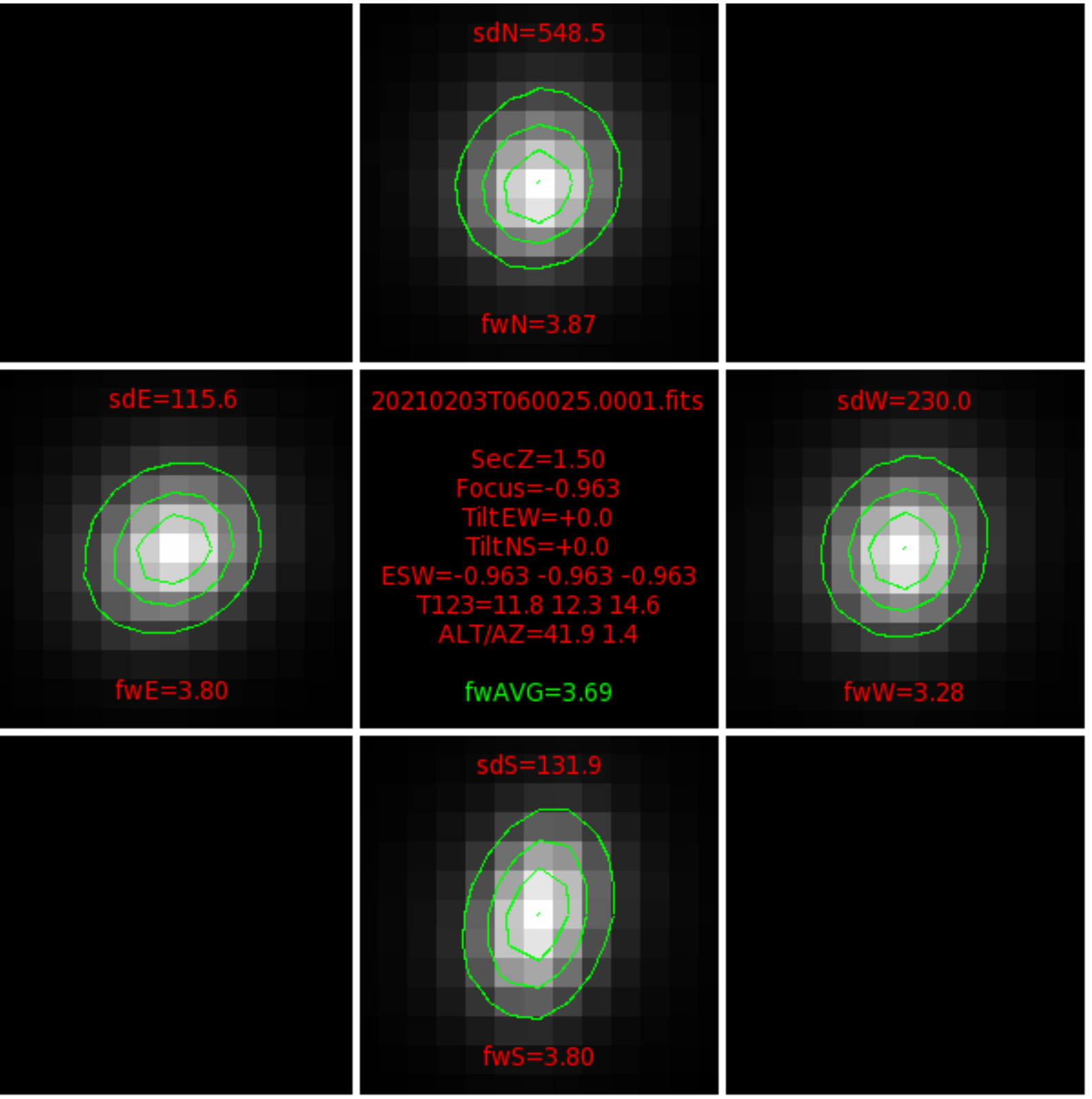
sdN=548.5
fwN=3.87
sdE=115.6
fwE=3.80
20210203T060025.0001.fits
SecZ=1.50
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.6
ALT/AZ=41.9 1.4
fwAVG=3.69
sdW=230.0
fwW=3.28
sdS=131.9
fwS=3.80
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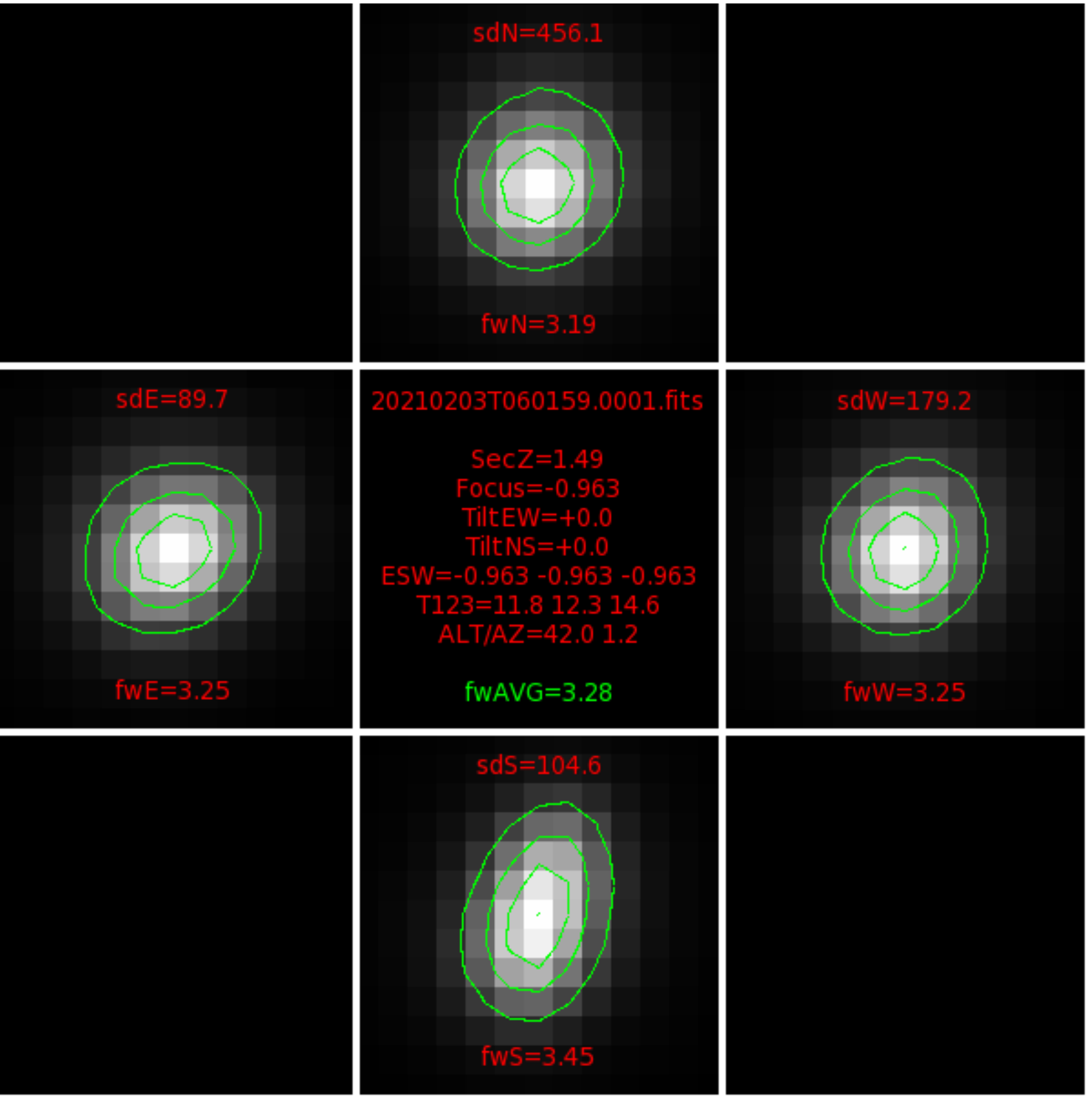
sdN=456.1
fwN=3.19
sdE=89.7
fwE=3.25
20210203T060159.0001.fits
SecZ=1.49
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.6
ALT/AZ=42.0 1.2
fwAVG=3.28
sdW=179.2
fwW=3.25
sdS=104.6
fwS=3.45
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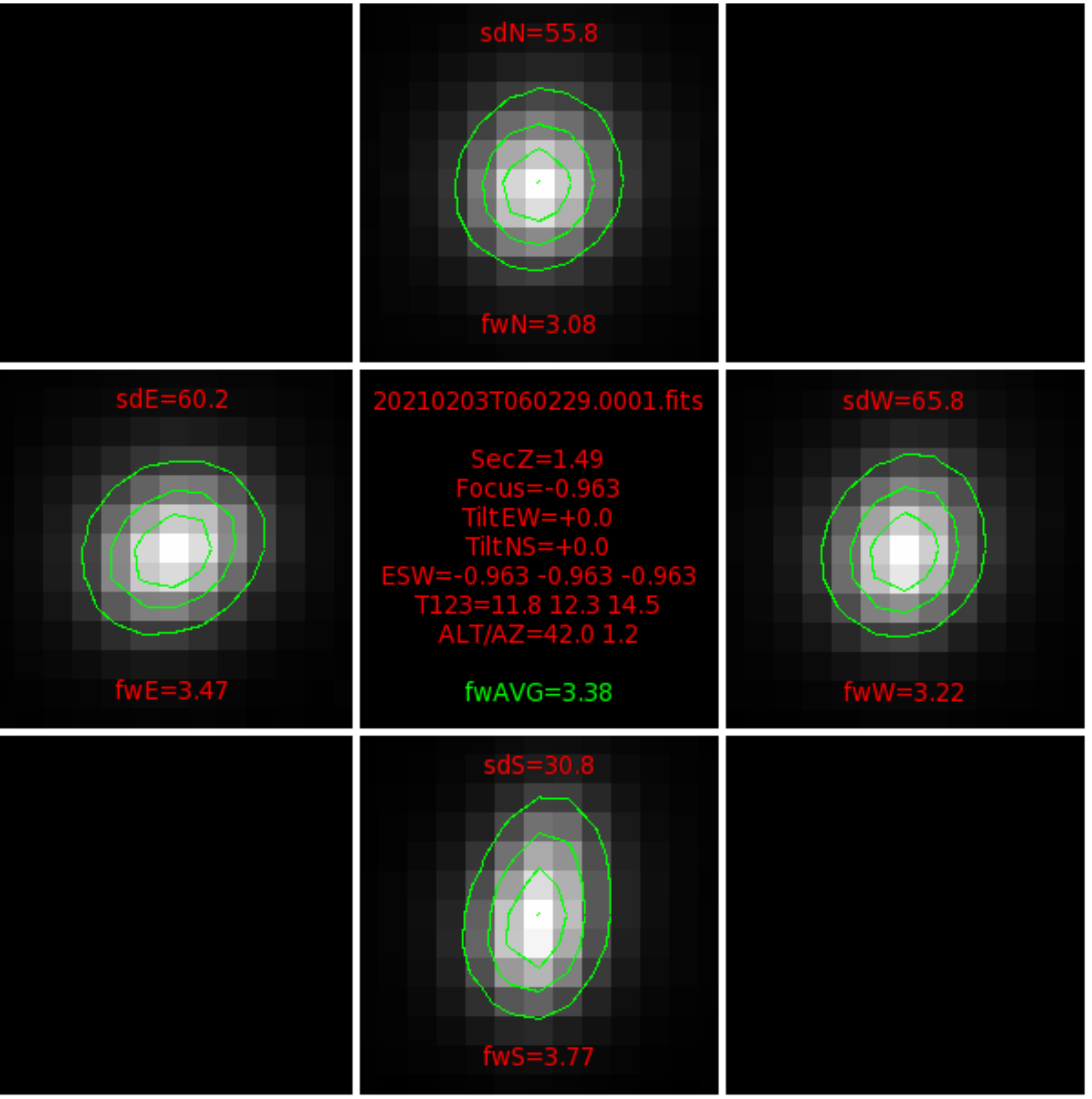
sdN=55.8
fwN=3.08
sdE=60.2
fwE=3.47
20210203T060229.0001.fits
SecZ=1.49
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.5
ALT/AZ=42.0 1.2
fwAVG=3.38
sdW=65.8
fwW=3.22
sdS=30.8
fwS=3.77
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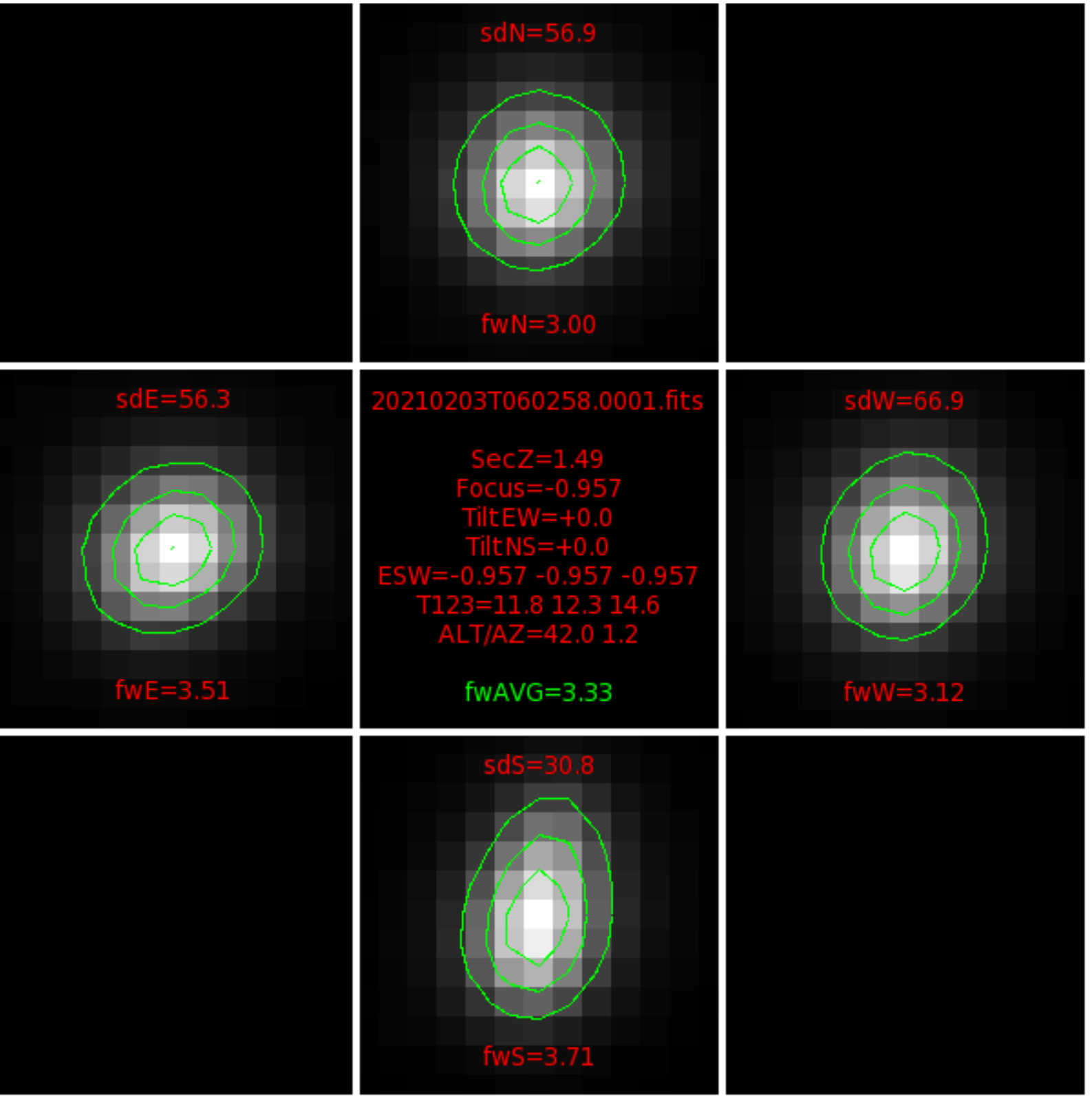
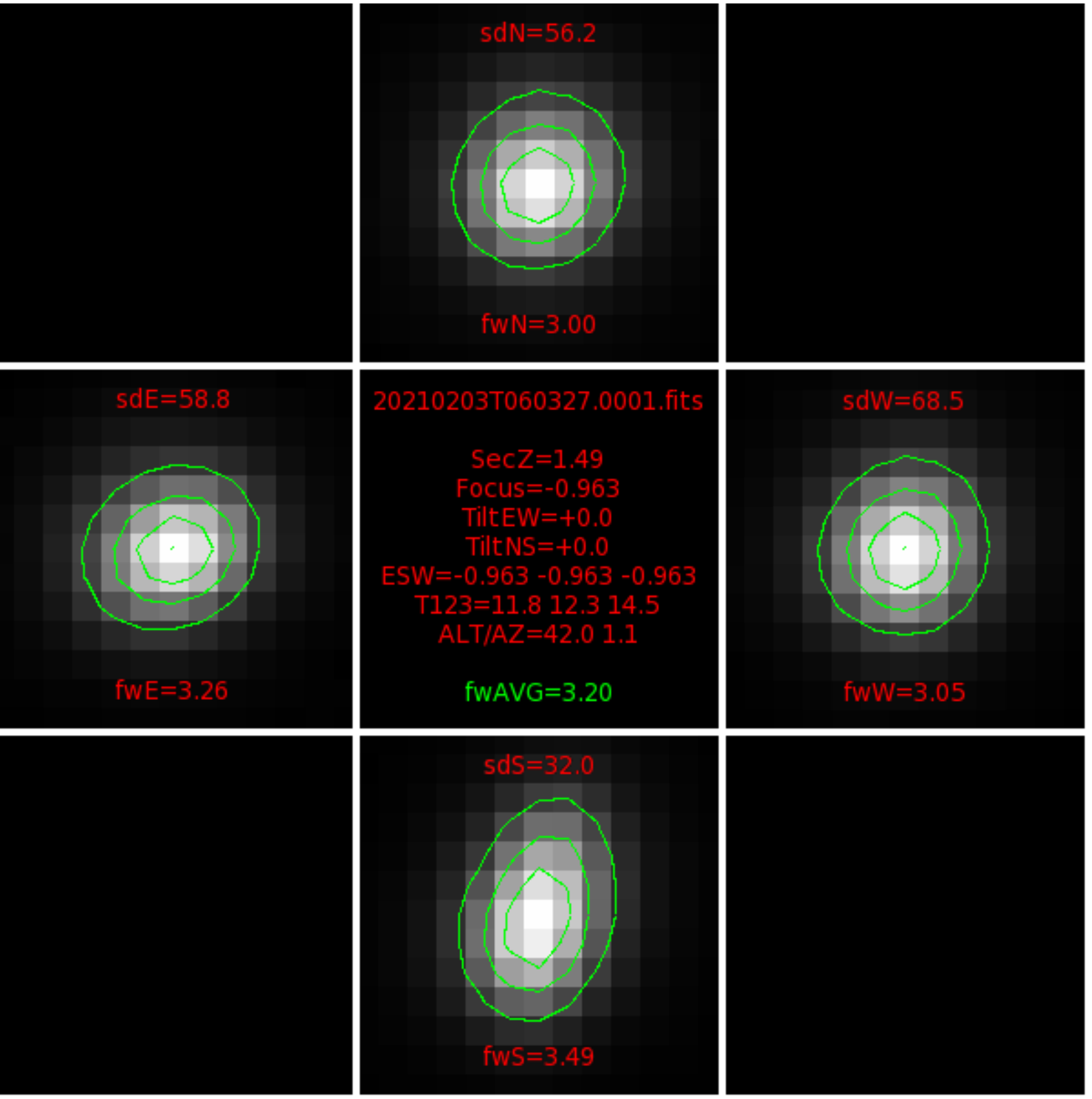
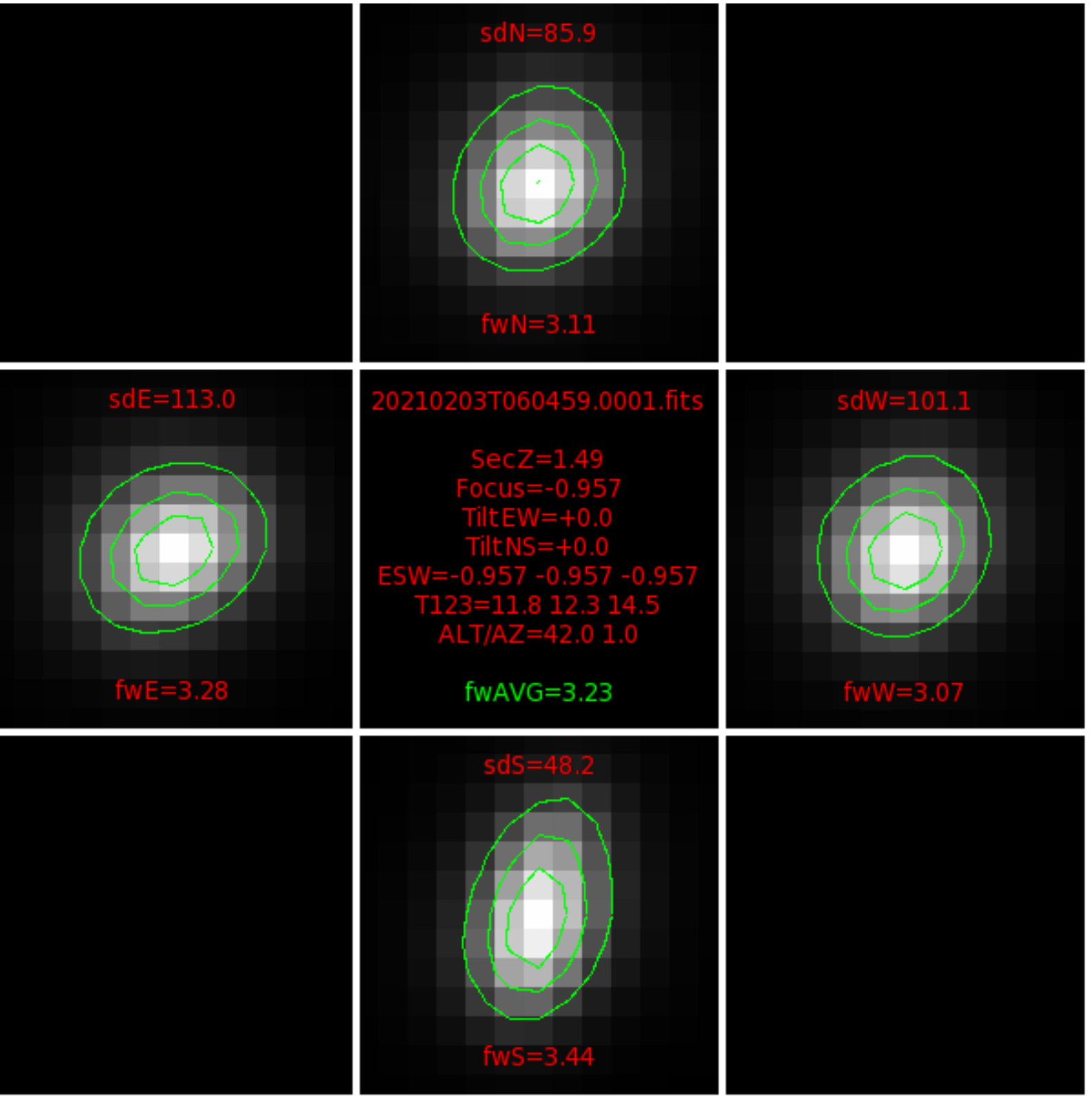

sdN=56.9
fwN=3.00
sdE=56.3
fwE=3.51
20210203T060258.0001.fits
SecZ=1.49
Focus=-0.957
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.957 -0.957 -0.957
T123=11.8 12.3 14.6
ALT/AZ=42.0 1.2
fwAVG=3.33
sdW=66.9
fwW=3.12
sdS=30.8
fwS=3.71
0 0 0 0 0 0 0 0 0


sdN=56.2
fwN=3.00
sdE=58.8
fwE=3.26
20210203T060327.0001.fits
SecZ=1.49
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.5
ALT/AZ=42.0 1.1
fwAVG=3.20
sdW=68.5
fwW=3.05
sdS=32.0
fwS=3.49
0 0 0 0 0 0 0 0 0


sdN=85.9
fwN=3.11
sdE=113.0
fwE=3.28
20210203T060459.0001.fits
SecZ=1.49
Focus=-0.957
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.957 -0.957 -0.957
T123=11.8 12.3 14.5
ALT/AZ=42.0 1.0
fwAVG=3.23
sdW=101.1
fwW=3.07
sdS=48.2
fwS=3.44
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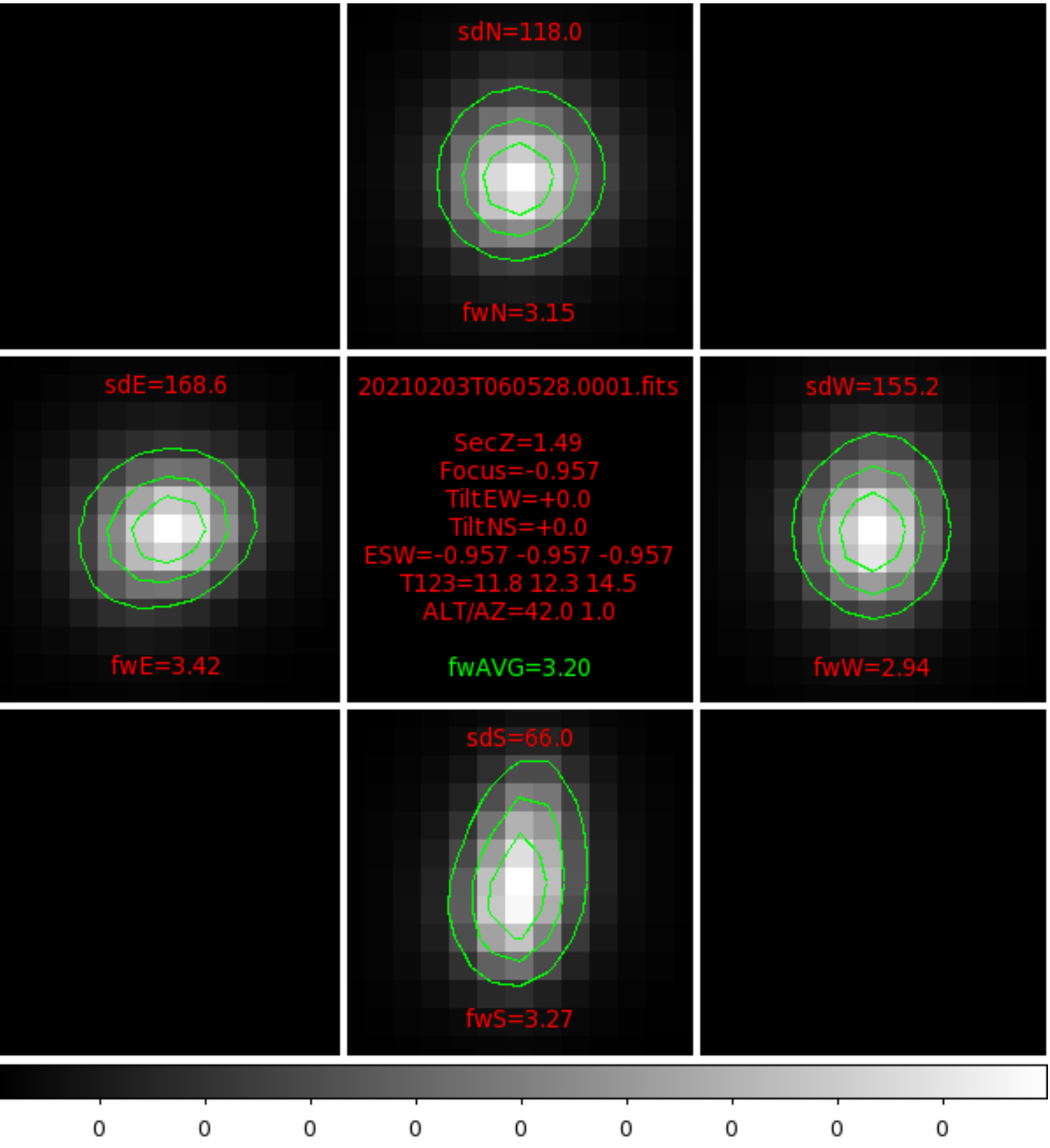
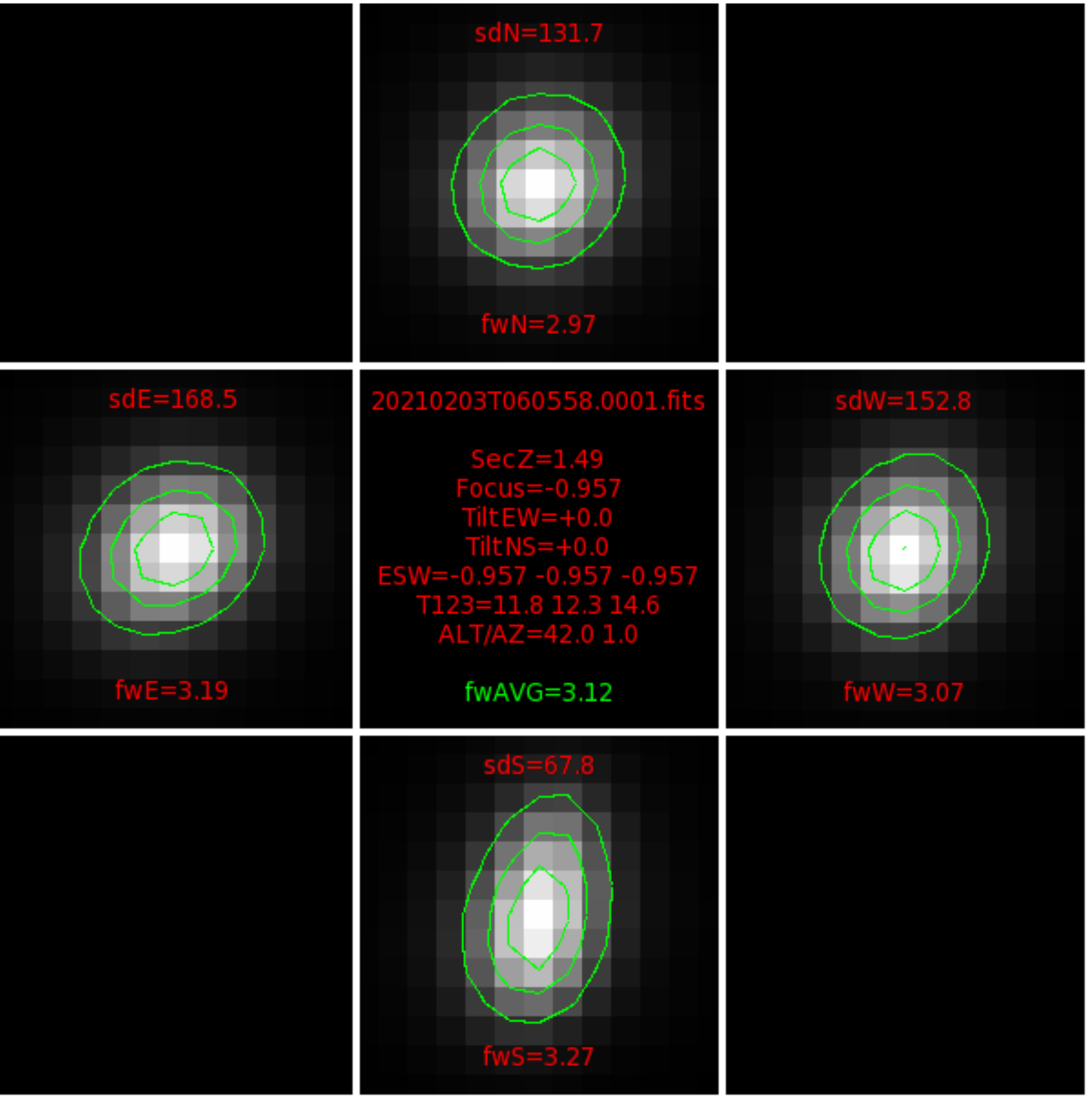

sdN=118.0
fwN=3.15
sdE=168.6
fwE=3.42
20210203T060528.0001.fits
SecZ=1.49
Focus=-0.957
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.957 -0.957 -0.957
T123=11.8 12.3 14.5
ALT/AZ=42.0 1.0
fwAVG=3.20
sdW=155.2
fwW=2.94
sdS=66.0
fwS=3.27
0 0 0 0 0 0 0 0 0


sdN=131.7
fwN=2.97
sdE=168.5
fwE=3.19
20210203T060558.0001.fits
SecZ=1.49
Focus=-0.957
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.957 -0.957 -0.957
T123=11.8 12.3 14.6
ALT/AZ=42.0 1.0
fwAVG=3.12
sdW=152.8
fwW=3.07
sdS=67.8
fwS=3.27
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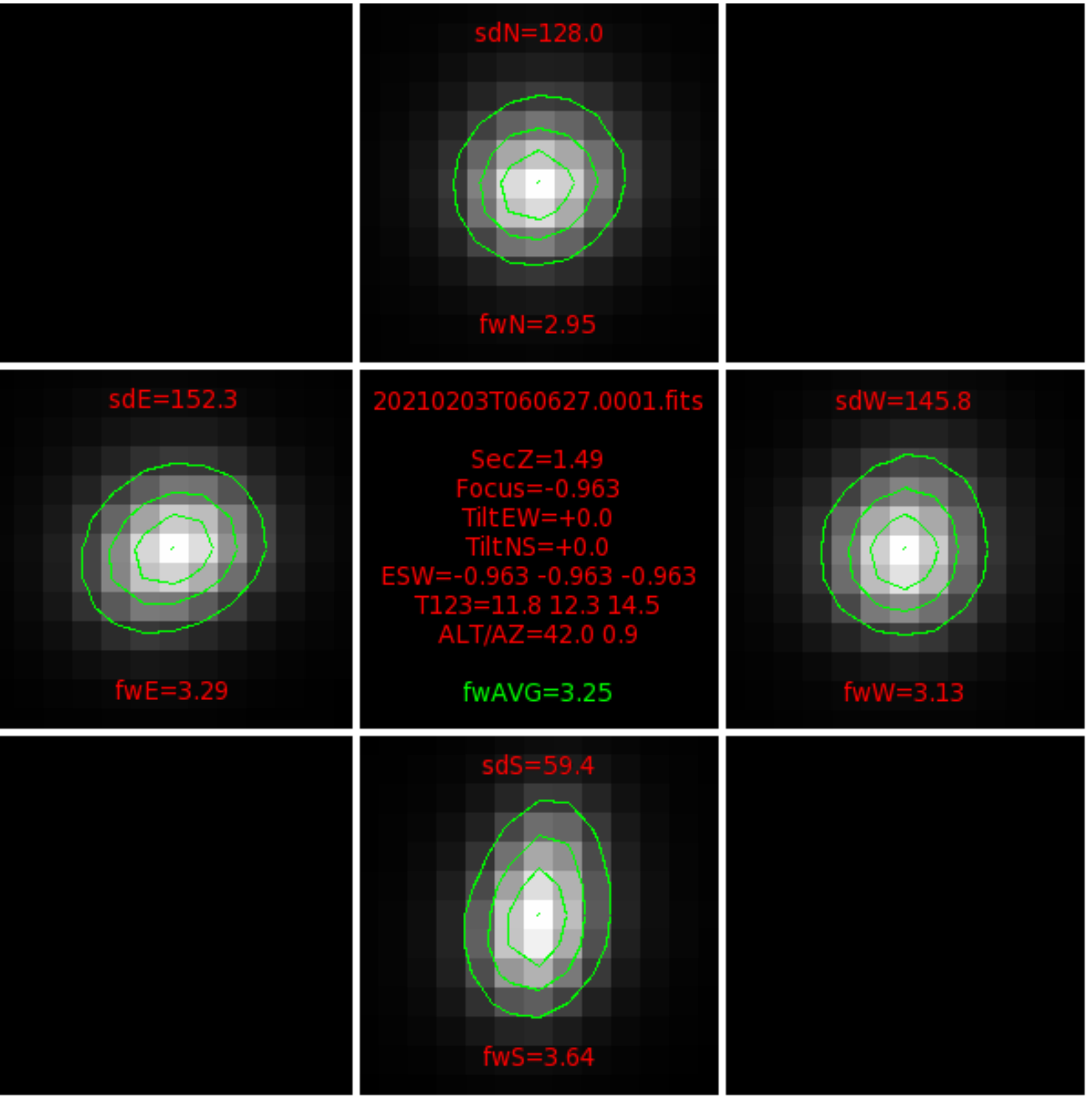
sdN=128.0
fwN=2.95
sdE=152.3
fwE=3.29
20210203T060627.0001.fits
SecZ=1.49
Focus=-0.963
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.963 -0.963 -0.963
T123=11.8 12.3 14.5
ALT/AZ=42.0 0.9
fwAVG=3.25
sdW=145.8
fwW=3.13
sdS=59.4
fwS=3.64
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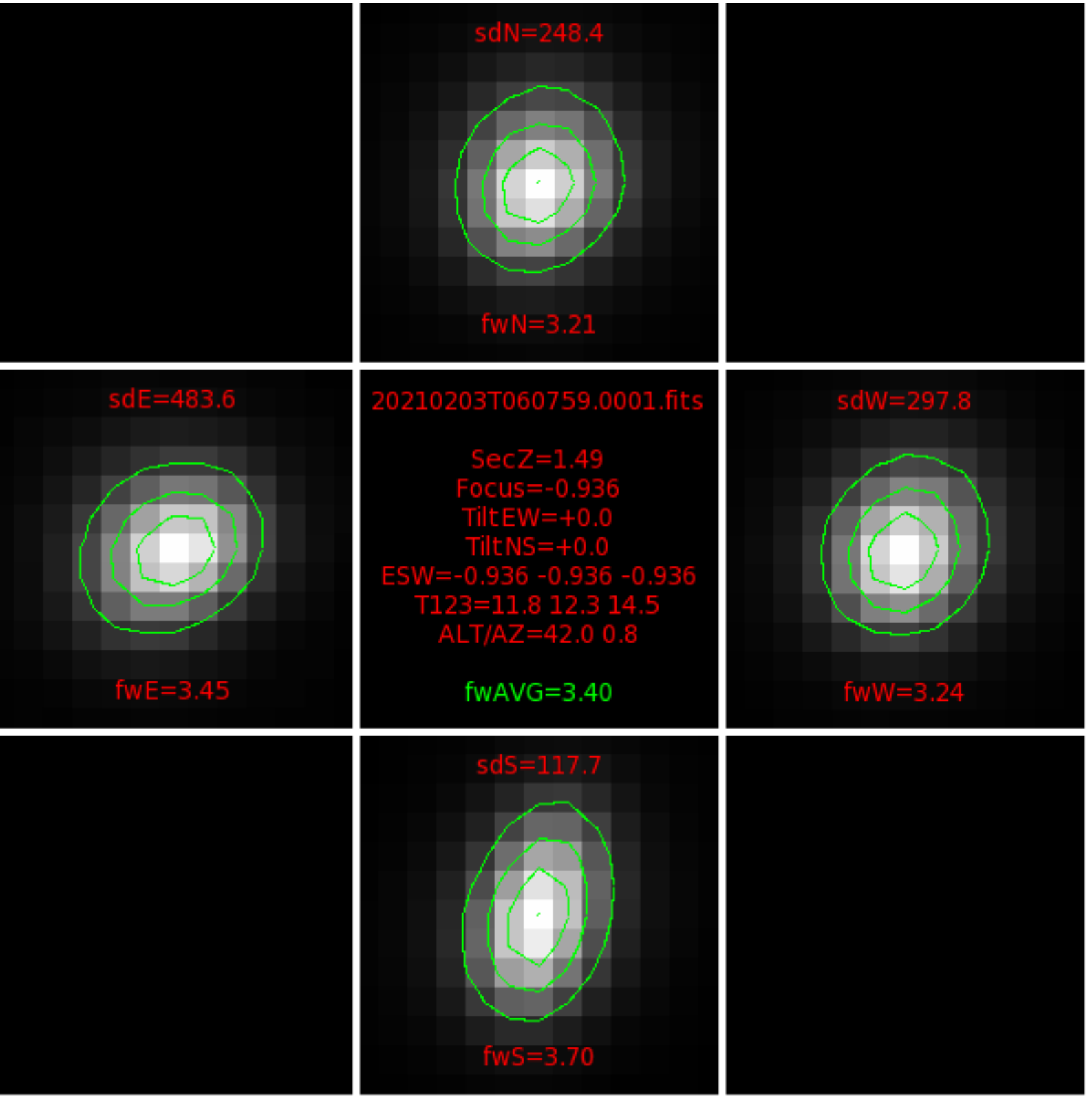
sdN=248.4
fwN=3.21
sdE=483.6
fwE=3.45
20210203T060759.0001.fits
SecZ=1.49
Focus=-0.936
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.936 -0.936 -0.936
T123=11.8 12.3 14.5
ALT/AZ=42.0 0.8
fwAVG=3.40
sdW=297.8
fwW=3.24
sdS=117.7
fwS=3.70
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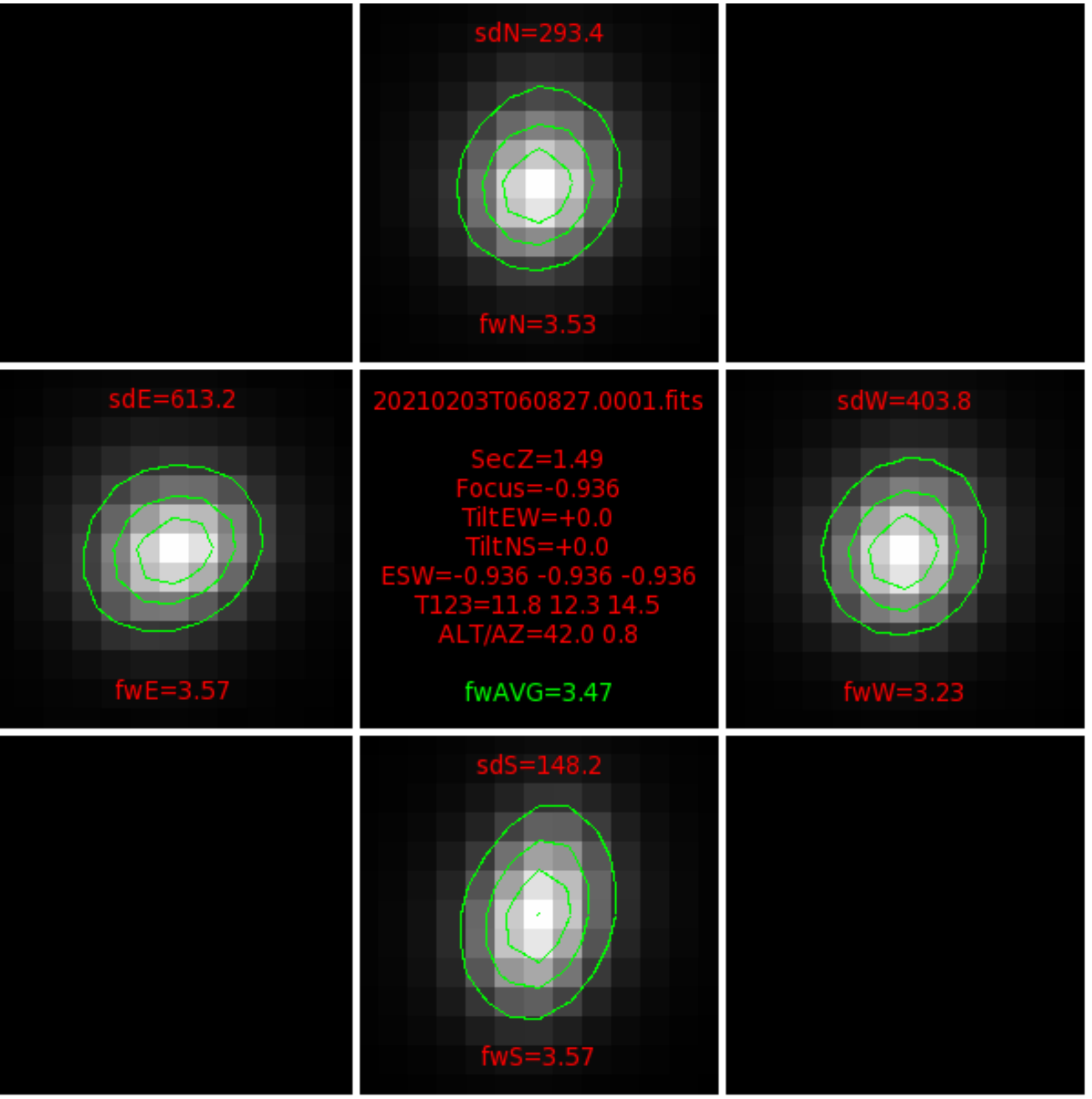
sdN=293.4
fwN=3.53
sdE=613.2
fwE=3.57
20210203T060827.0001.fits
SecZ=1.49
Focus=-0.936
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.936 -0.936 -0.936
T123=11.8 12.3 14.5
ALT/AZ=42.0 0.8
fwAVG=3.47
sdW=403.8
fwW=3.23
sdS=148.2
fwS=3.57
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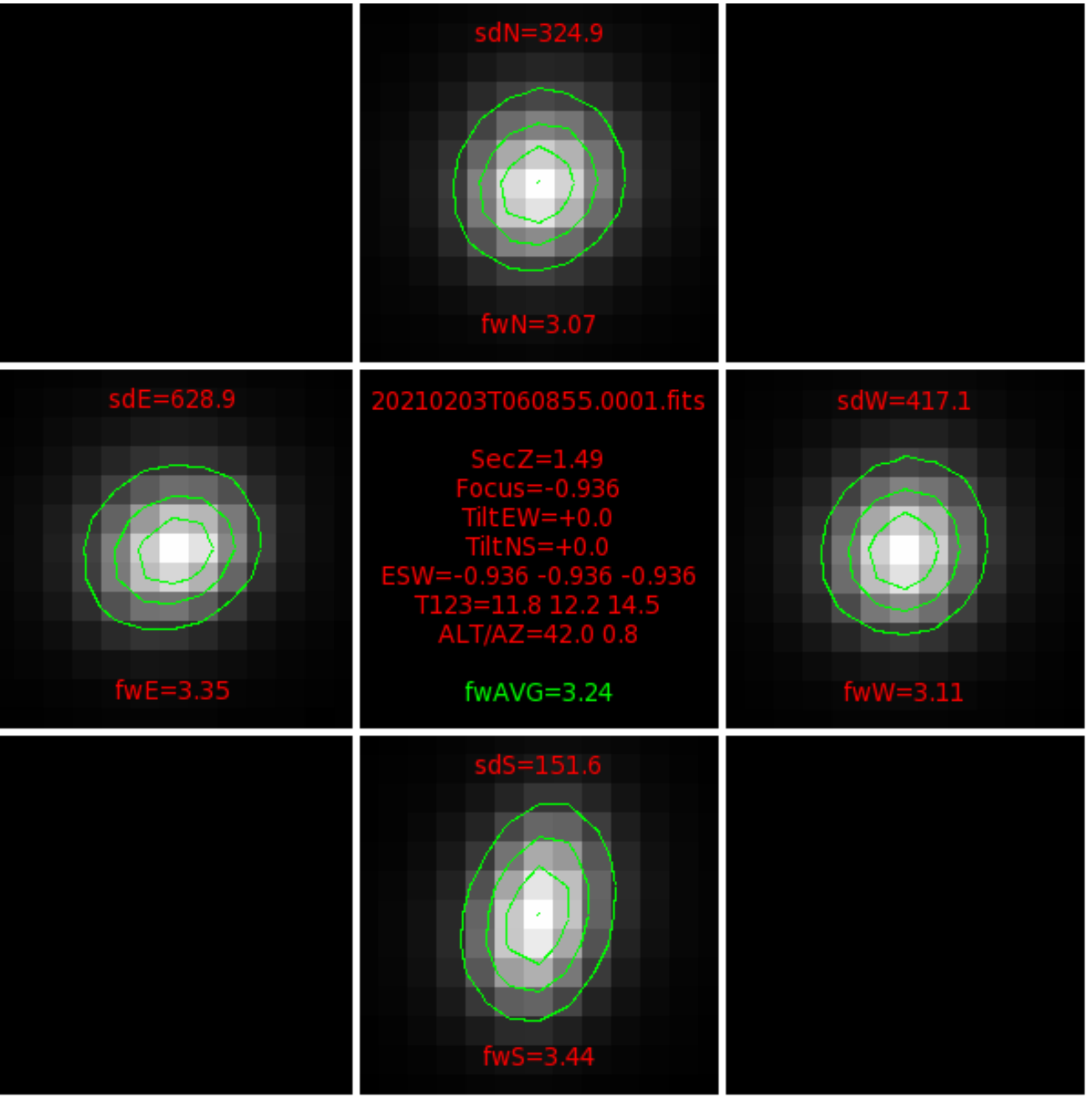
sdN=324.9
fwN=3.07
sdE=628.9
fwE=3.35
20210203T060855.0001.fits
SecZ=1.49
Focus=-0.936
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.936 -0.936 -0.936
T123=11.8 12.2 14.5
ALT/AZ=42.0 0.8
fwAVG=3.24
sdW=417.1
fwW=3.11
sdS=151.6
fwS=3.44
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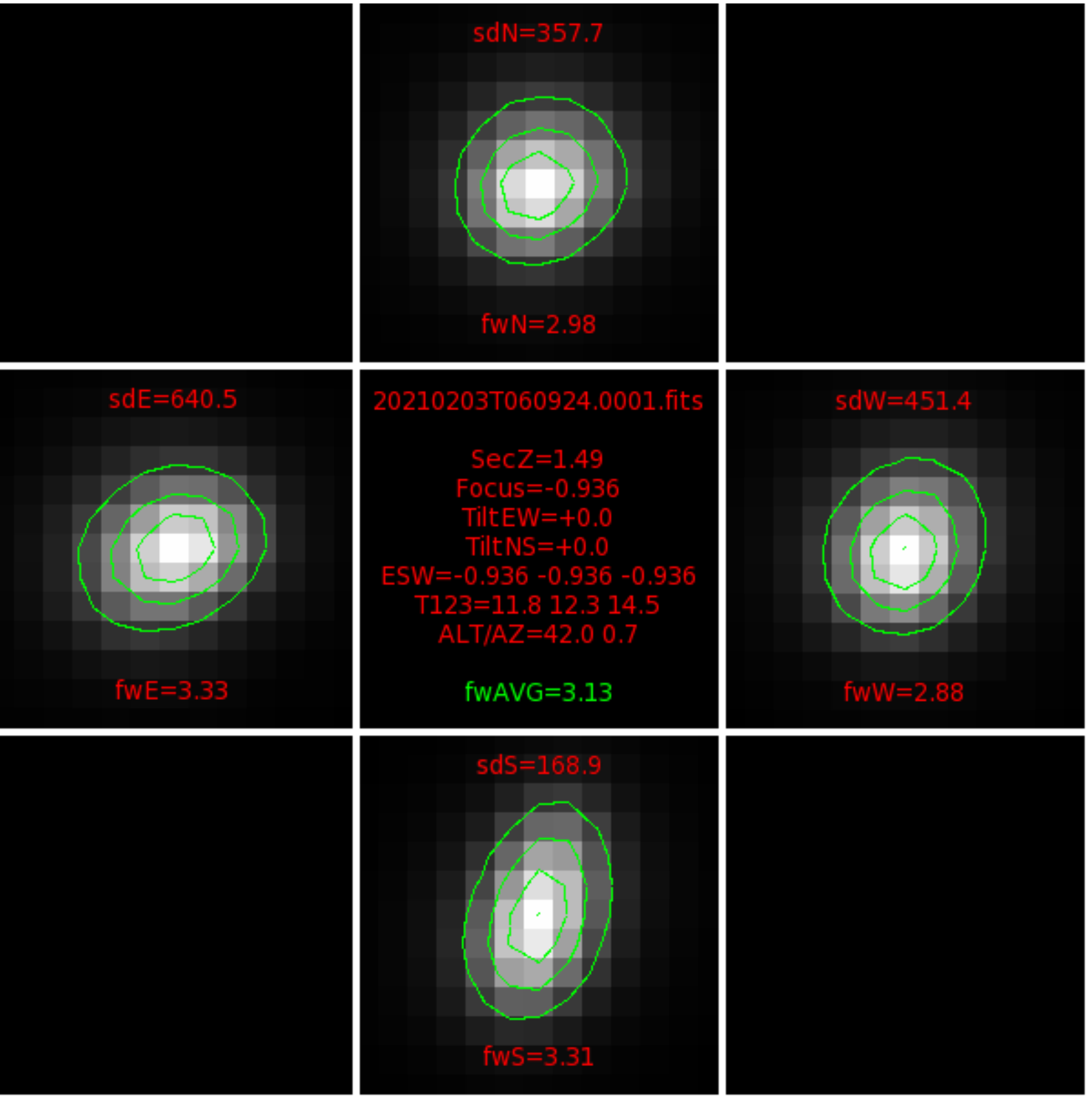
sdN=357.7
fwN=2.98
sdE=640.5
fwE=3.33
20210203T060924.0001.fits
SecZ=1.49
Focus=-0.936
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.936 -0.936 -0.936
T123=11.8 12.3 14.5
ALT/AZ=42.0 0.7
fwAVG=3.13
sdW=451.4
fwW=2.88
sdS=168.9
fwS=3.31
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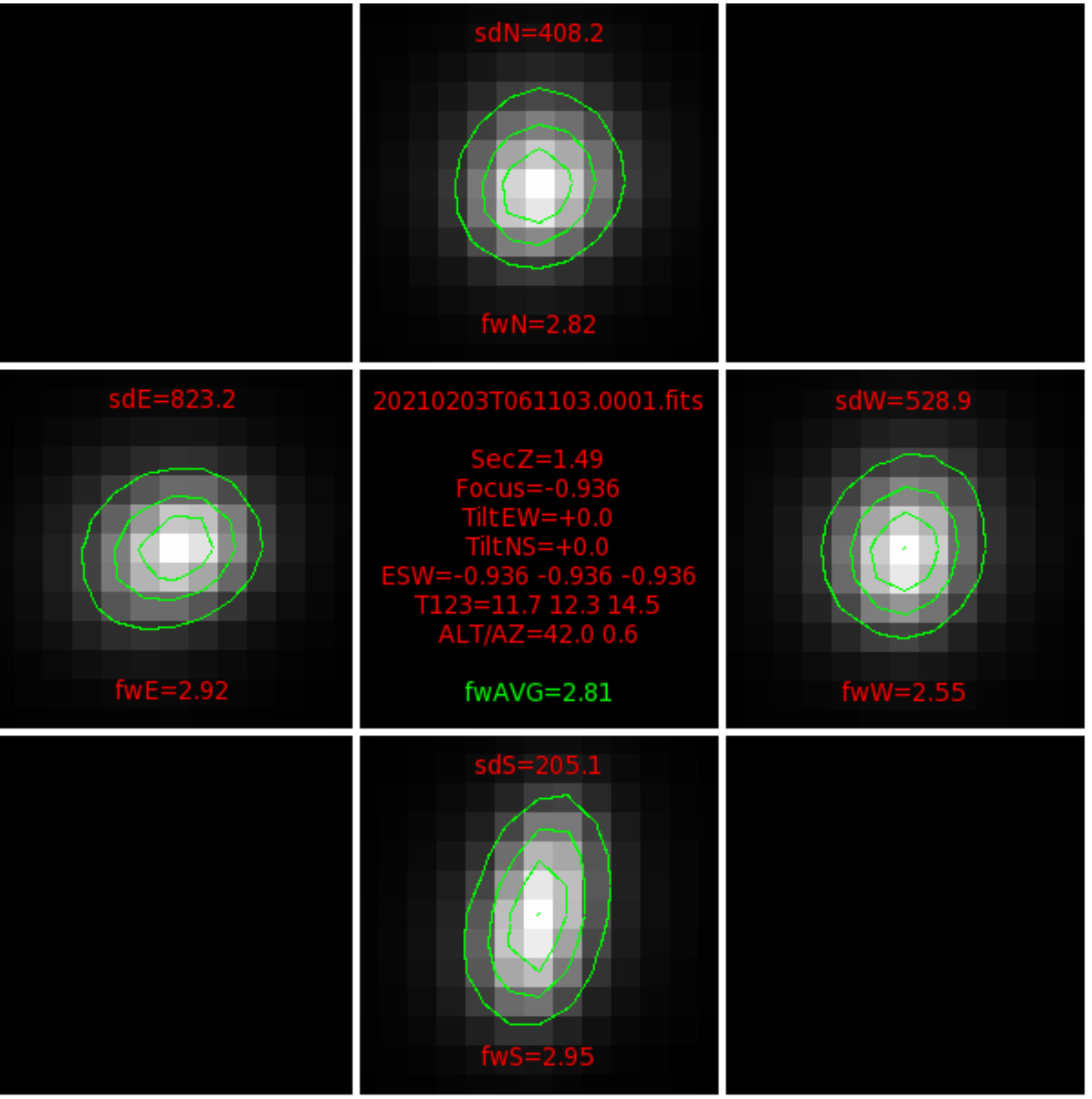
sdN=408.2
fwN=2.82
sdE=823.2
fwE=2.92
20210203T061103.0001.fits
SecZ=1.49
Focus=-0.936
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.936 -0.936 -0.936
T123=11.7 12.3 14.5
ALT/AZ=42.0 0.6
fwAVG=2.81
sdW=528.9
fwW=2.55
sdS=205.1
fwS=2.95
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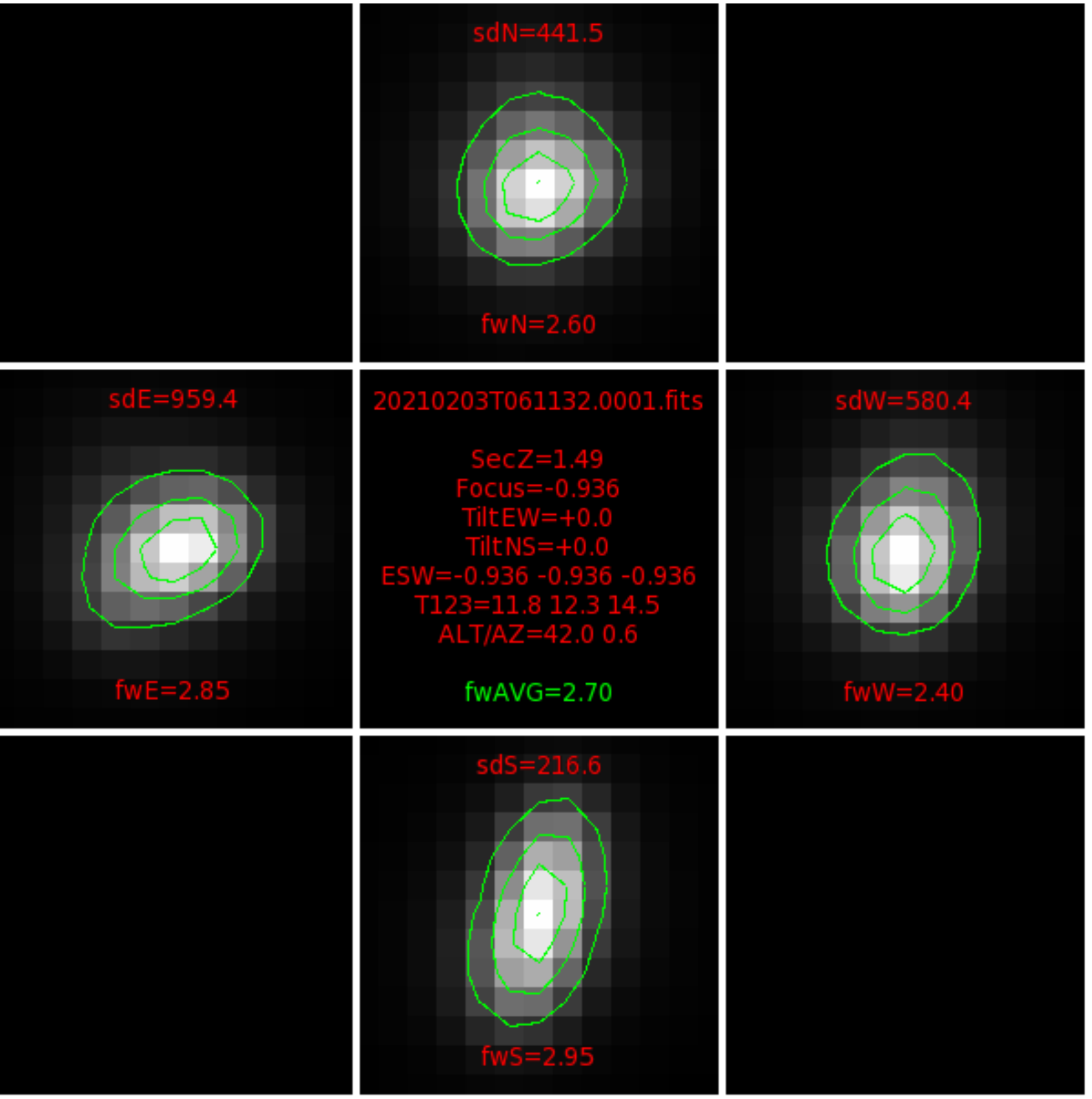
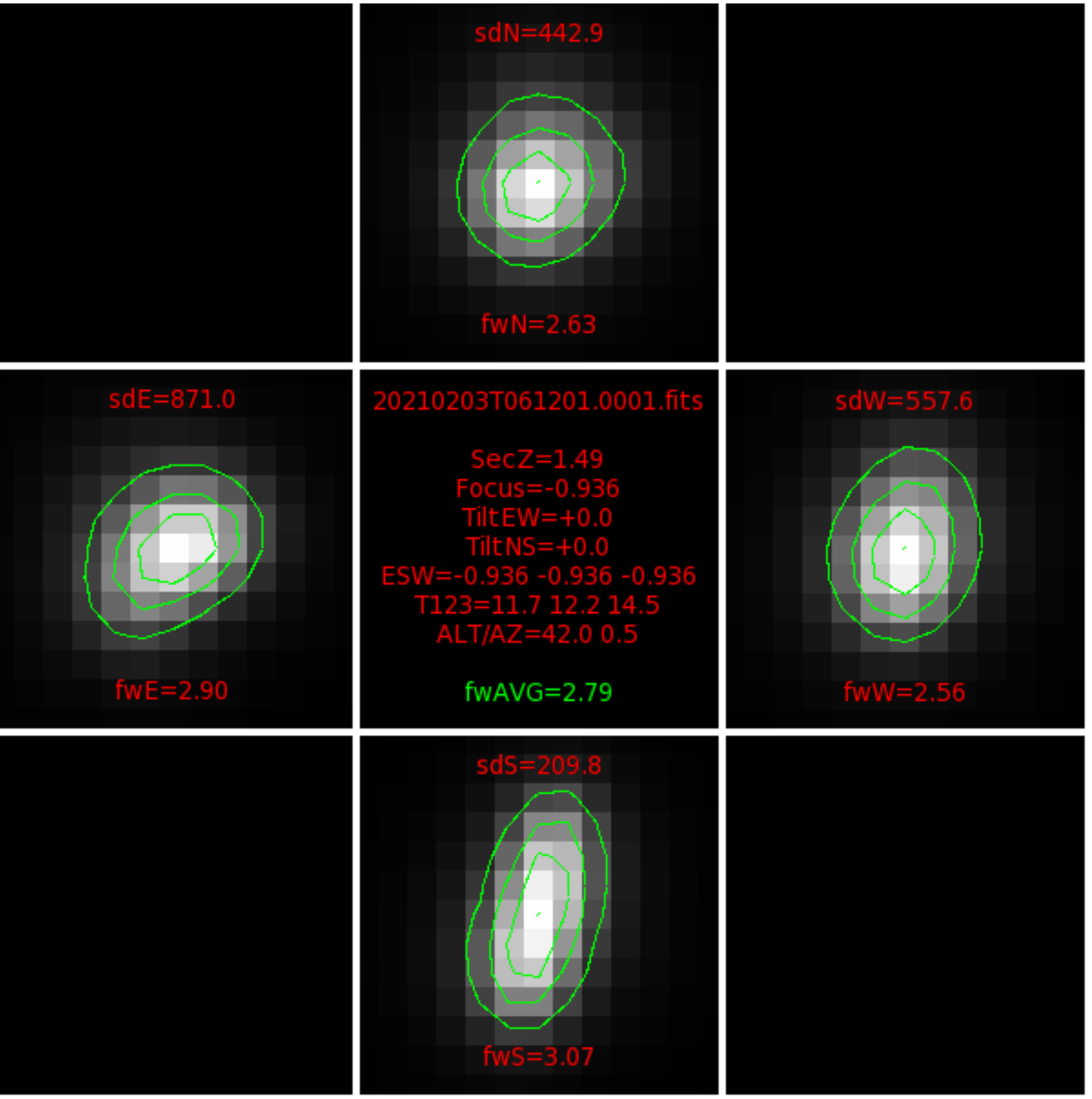
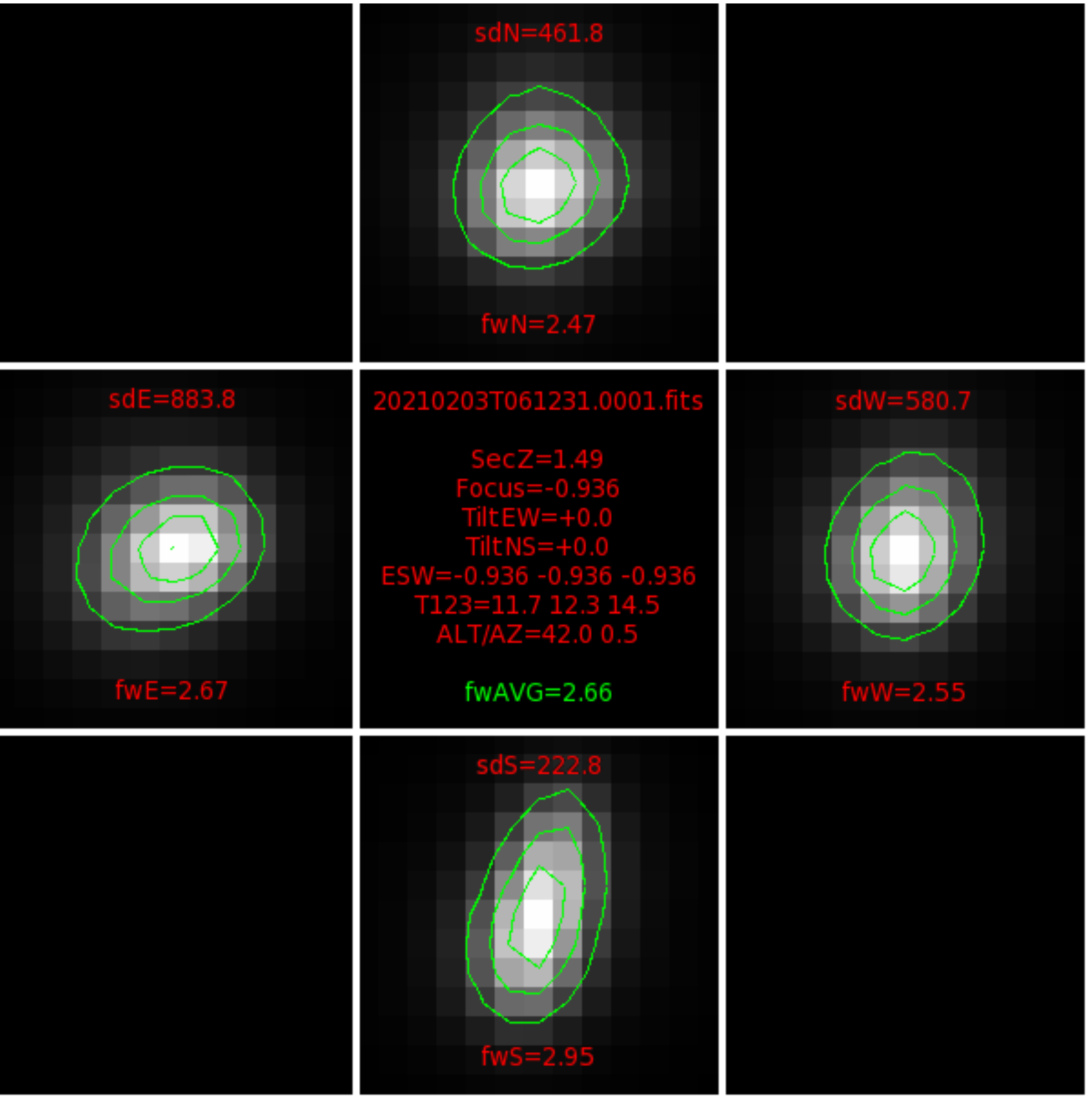
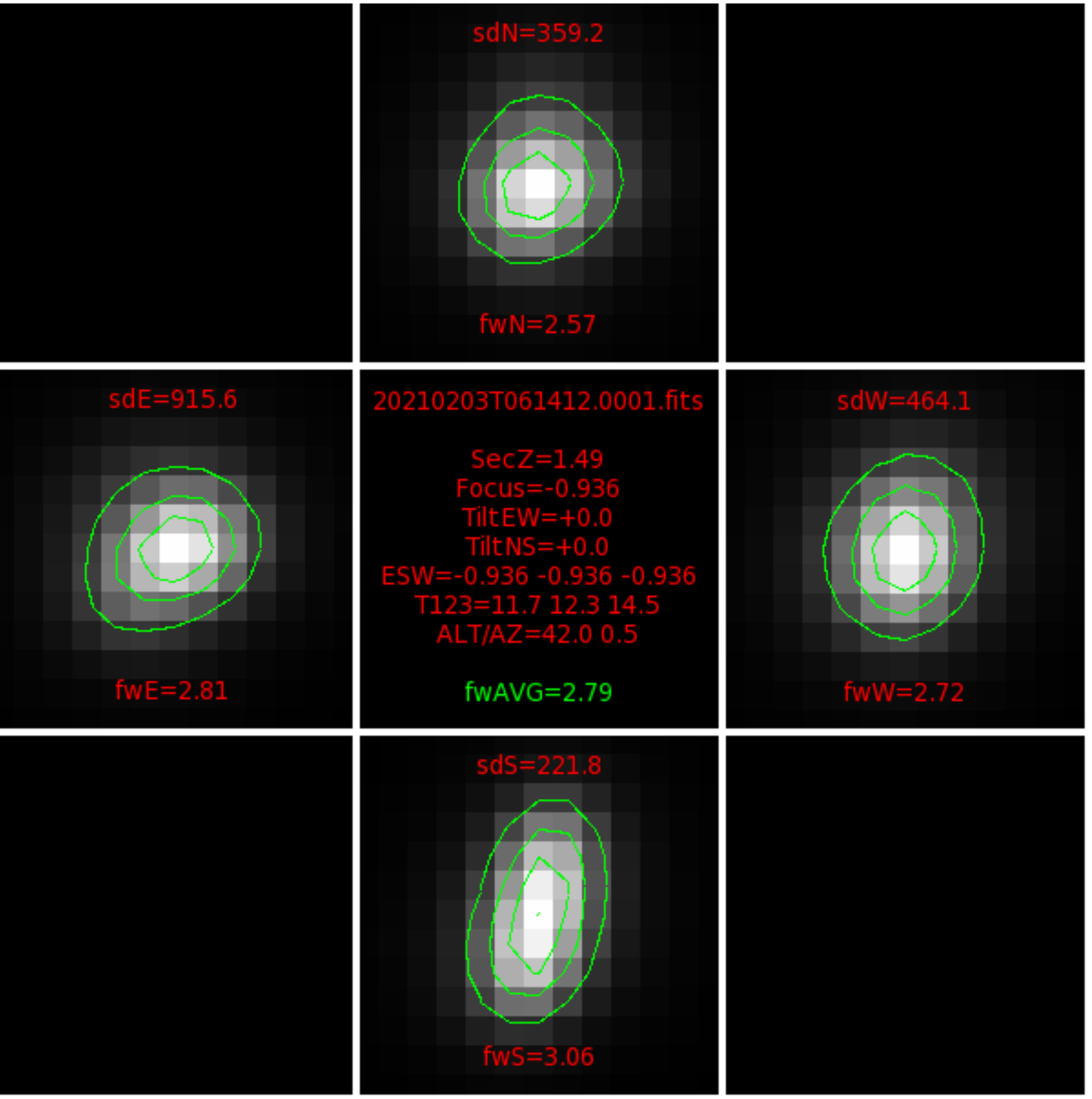
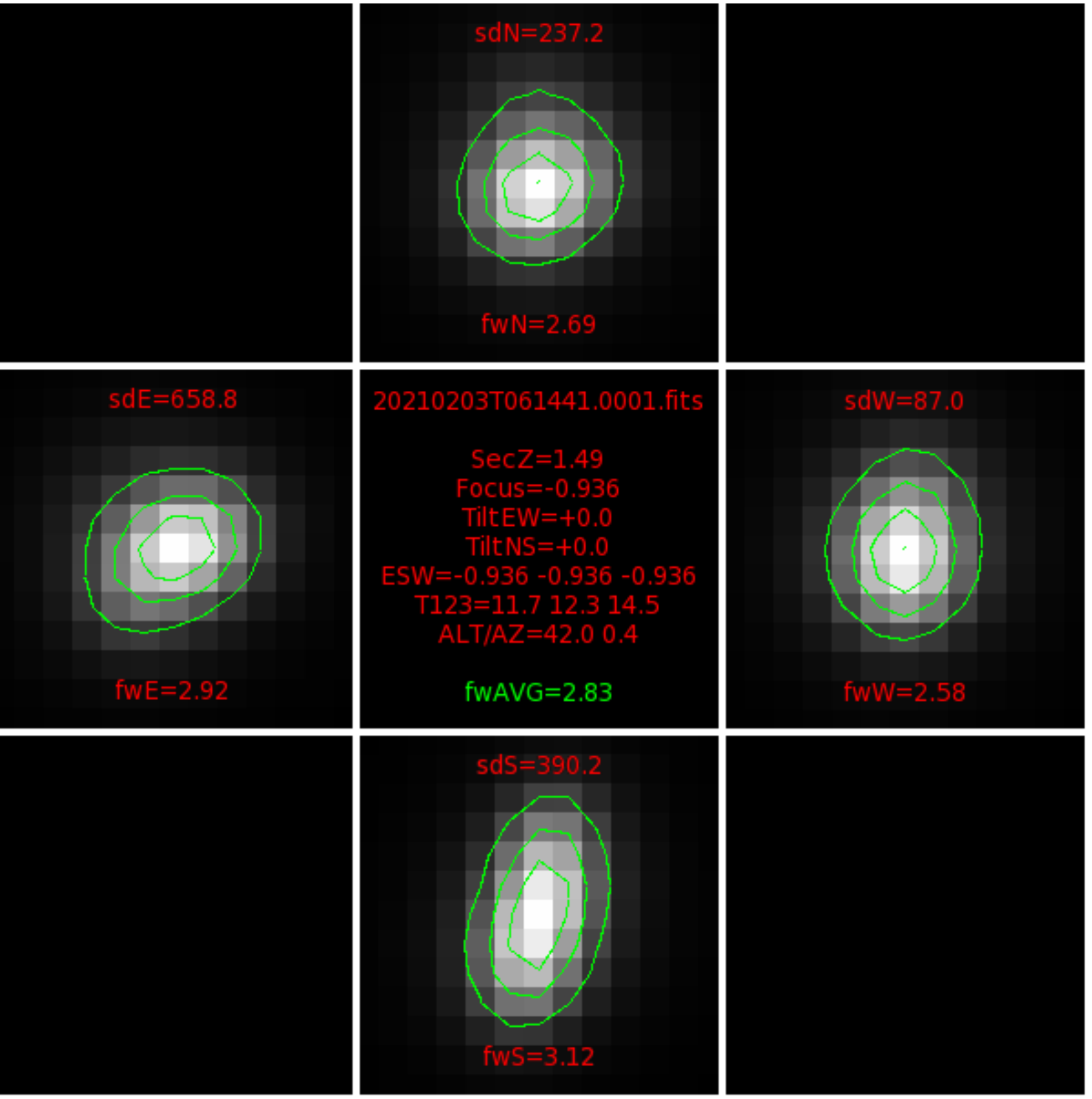
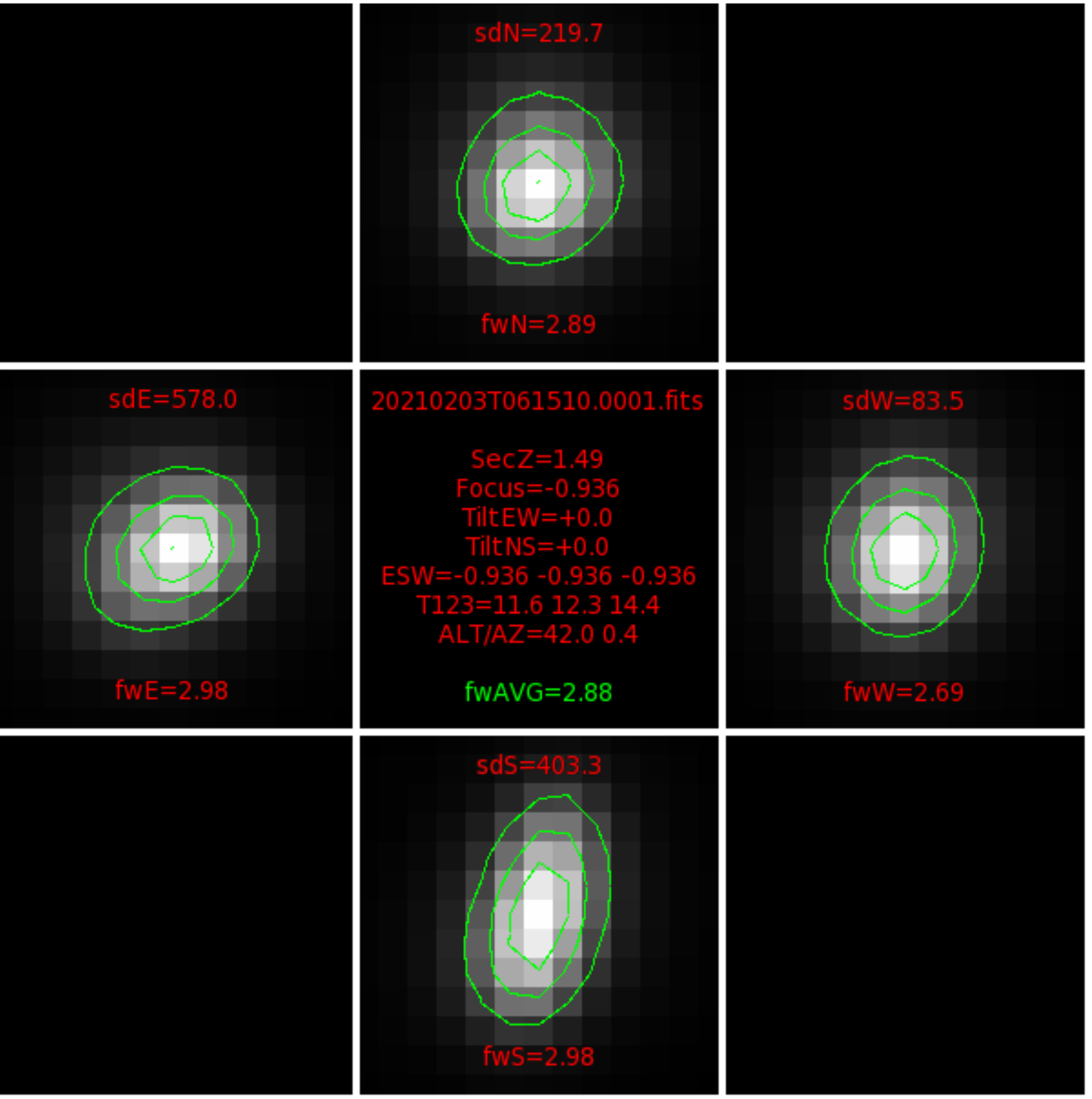

sdN=441.5
fwN=2.60
sdE=959.4
fwE=2.85
20210203T061132.0001.fits
SecZ=1.49
Focus=-0.936
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.936 -0.936 -0.936
T123=11.8 12.3 14.5
ALT/AZ=42.0 0.6
fwAVG=2.70
sdW=580.4
fwW=2.40
sdS=216.6
fwS=2.95
0 0 0 0 0 0 0 0 0

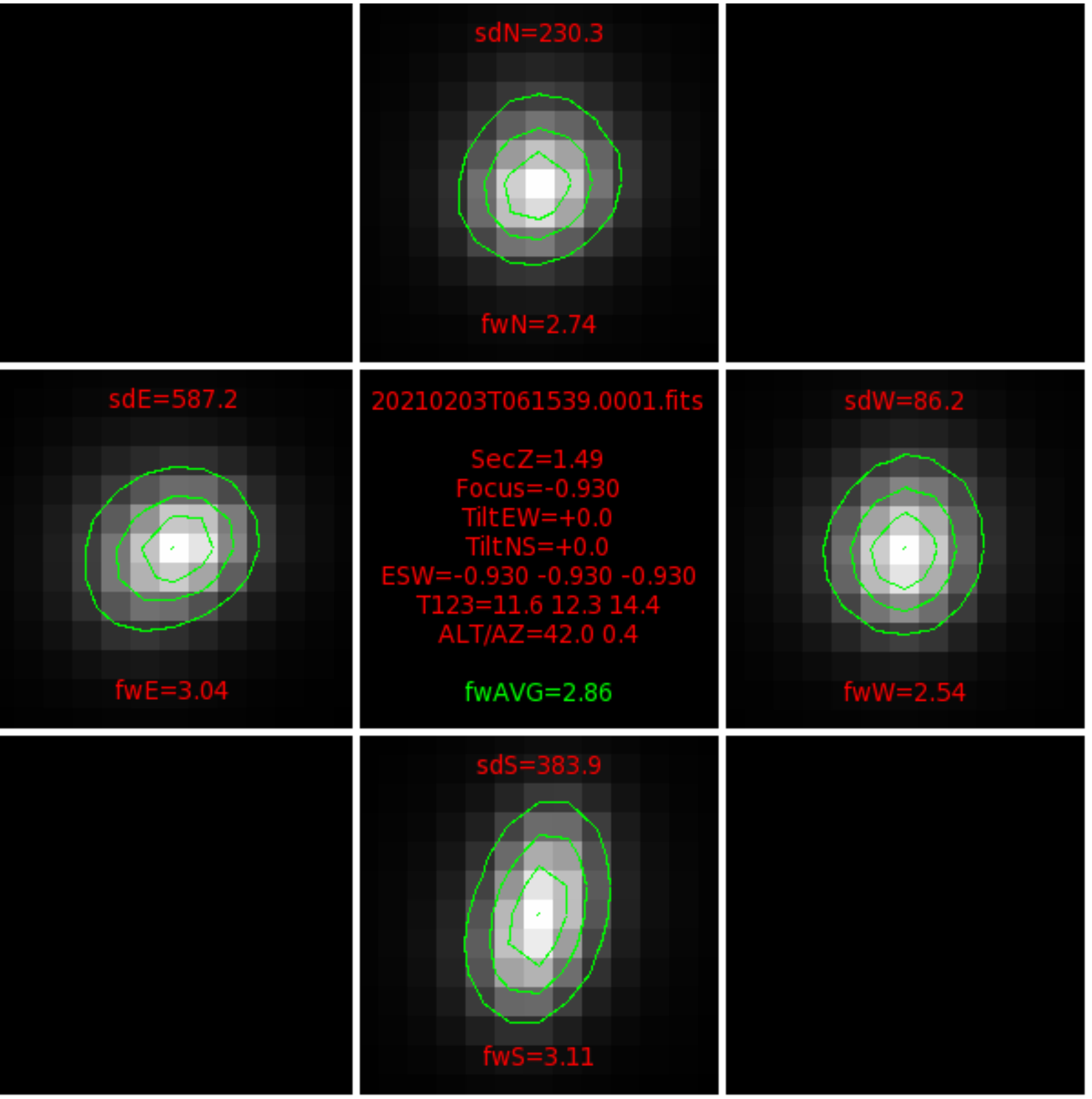

sdN=442.9
fwN=2.63
sdE=871.0
fwE=2.90
20210203T061201.0001.fits
SecZ=1.49
Focus=-0.936
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.936 -0.936 -0.936
T123=11.7 12.2 14.5
ALT/AZ=42.0 0.5
fwAVG=2.79
sdW=557.6
fwW=2.56
sdS=209.8
fwS=3.07
0 0 0 0 0 0 0 0 0

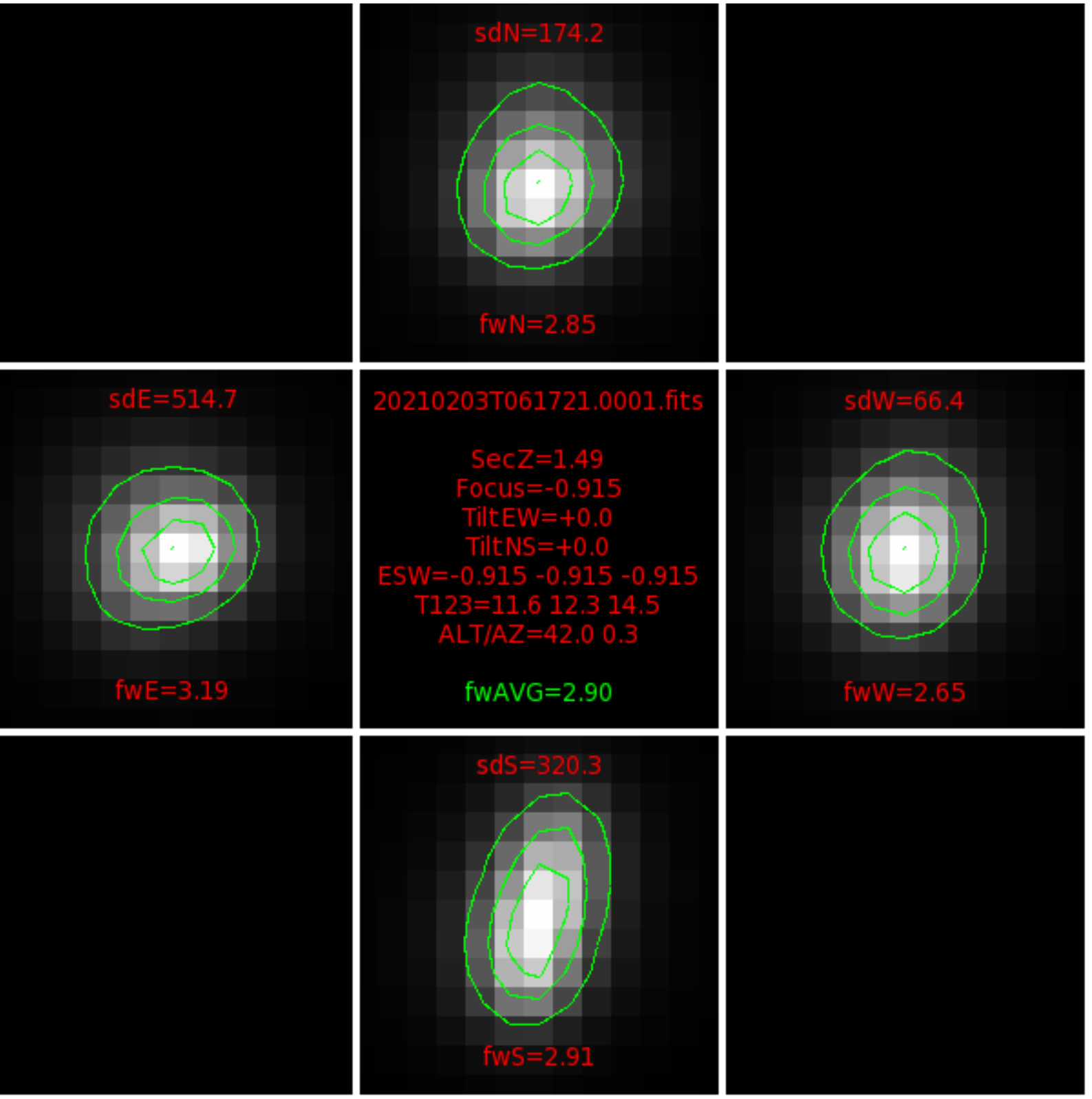

sdN=461.8
fwN=2.47
sdE=883.8
fwE=2.67
20210203T061231.0001.fits
SecZ=1.49
Focus=-0.936
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.936 -0.936 -0.936
T123=11.7 12.3 14.5
ALT/AZ=42.0 0.5
fwAVG=2.66
sdW=580.7
fwW=2.55
sdS=222.8
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=359.2
fwN=2.57
sdE=915.6
fwE=2.81
20210203T061412.0001.fits
SecZ=1.49
Focus=-0.936
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.936 -0.936 -0.936
T123=11.7 12.3 14.5
ALT/AZ=42.0 0.5
fwAVG=2.79
sdW=464.1
fwW=2.72
sdS=221.8
fwS=3.06
0 0 0 0 0 0 0 0 0


sdN=237.2
fwN=2.69
sdE=658.8
fwE=2.92
20210203T061441.0001.fits
SecZ=1.49
Focus=-0.936
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.936 -0.936 -0.936
T123=11.7 12.3 14.5
ALT/AZ=42.0 0.4
fwAVG=2.83
sdW=87.0
fwW=2.58
sdS=390.2
fwS=3.12
0 0 0 0 0 0 0 0 0


sdN=219.7
fwN=2.89
sdE=578.0
fwE=2.98
20210203T061510.0001.fits
SecZ=1.49
Focus=-0.936
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.936 -0.936 -0.936
T123=11.6 12.3 14.4
ALT/AZ=42.0 0.4
fwAVG=2.88
sdW=83.5
fwW=2.69
sdS=403.3
fwS=2.98
0 0 0 0 0 0 0 0 0


sdN=230.3
fwN=2.74
sdE=587.2
fwE=3.04
20210203T061539.0001.fits
SecZ=1.49
Focus=-0.930
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.930 -0.930 -0.930
T123=11.6 12.3 14.4
ALT/AZ=42.0 0.4
fwAVG=2.86
sdW=86.2
fwW=2.54
sdS=383.9
fwS=3.11
0 0 0 0 0 0 0 0 0


sdN=174.2
fwN=2.85
sdE=514.7
fwE=3.19
20210203T061721.0001.fits
SecZ=1.49
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.6 12.3 14.5
ALT/AZ=42.0 0.3
fwAVG=2.90
sdW=66.4
fwW=2.65
sdS=320.3
fwS=2.91
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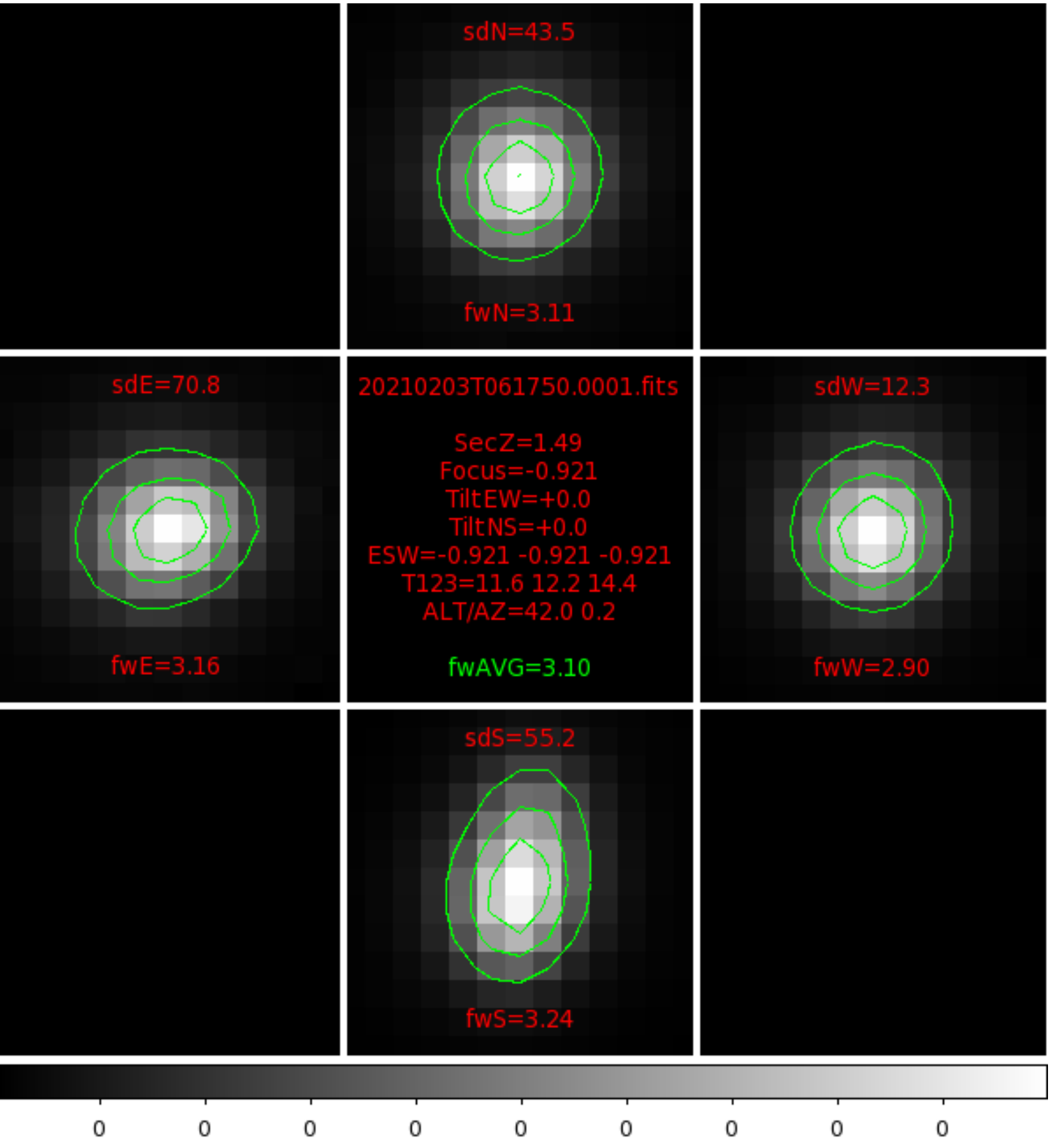
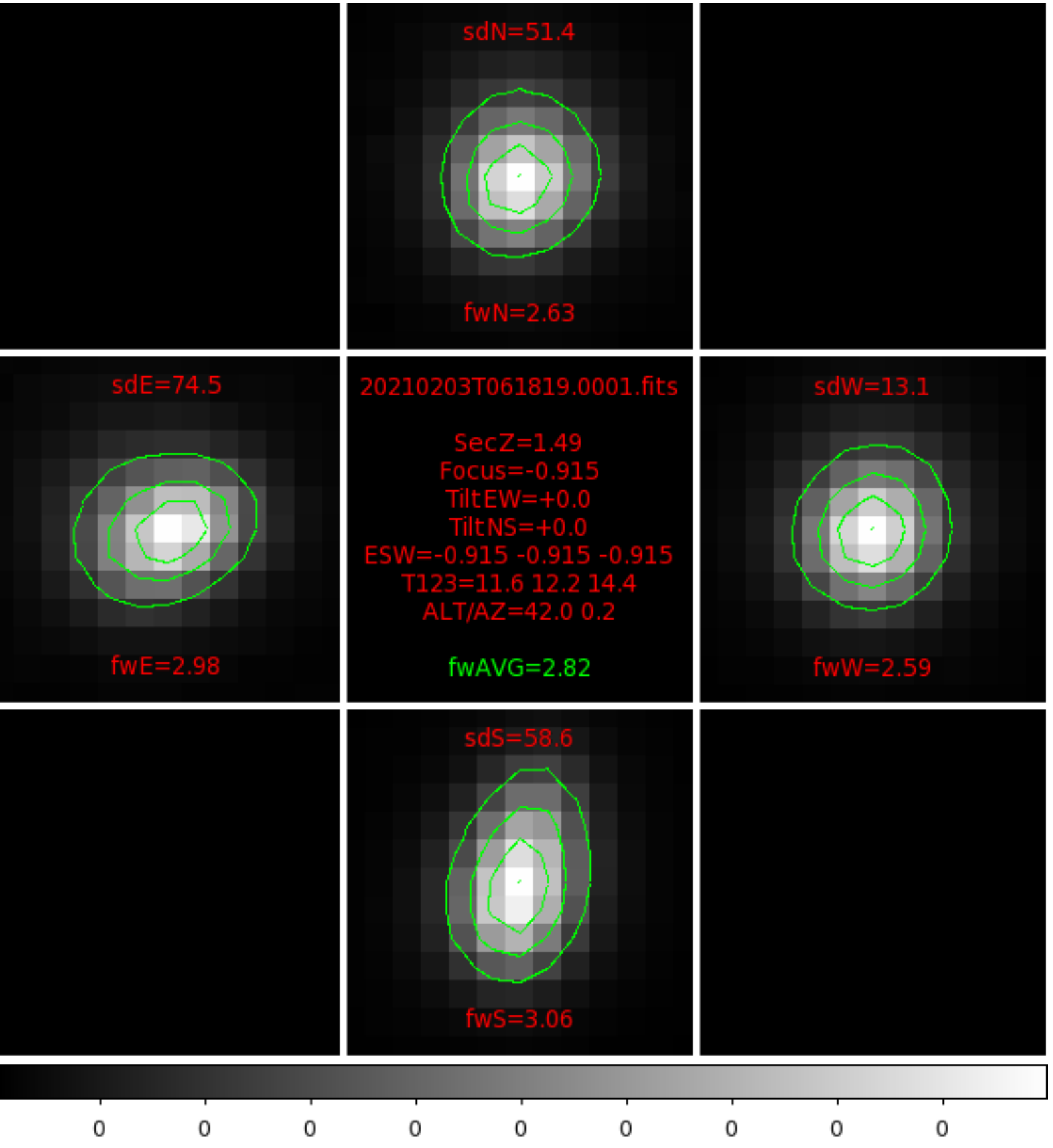
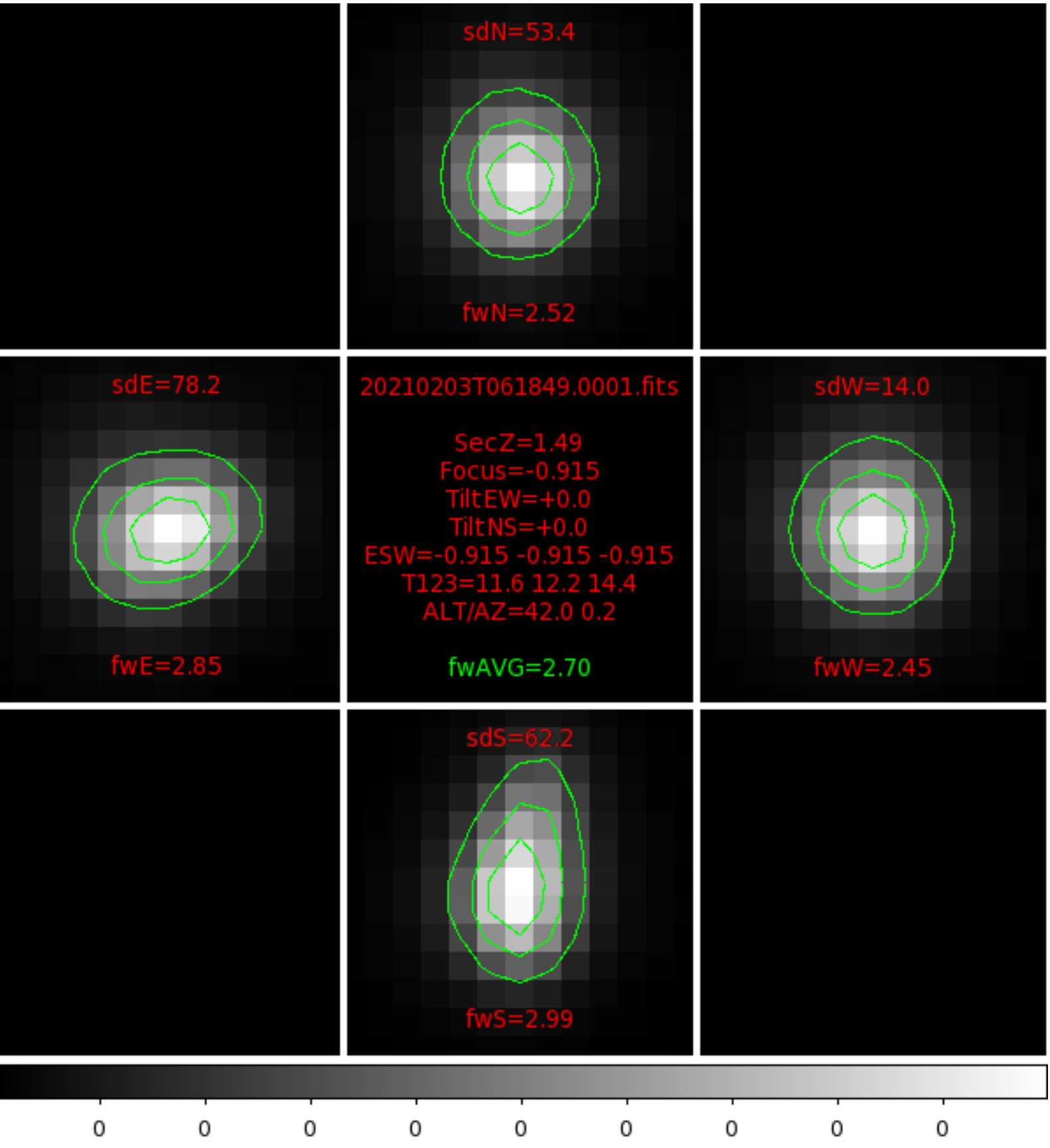
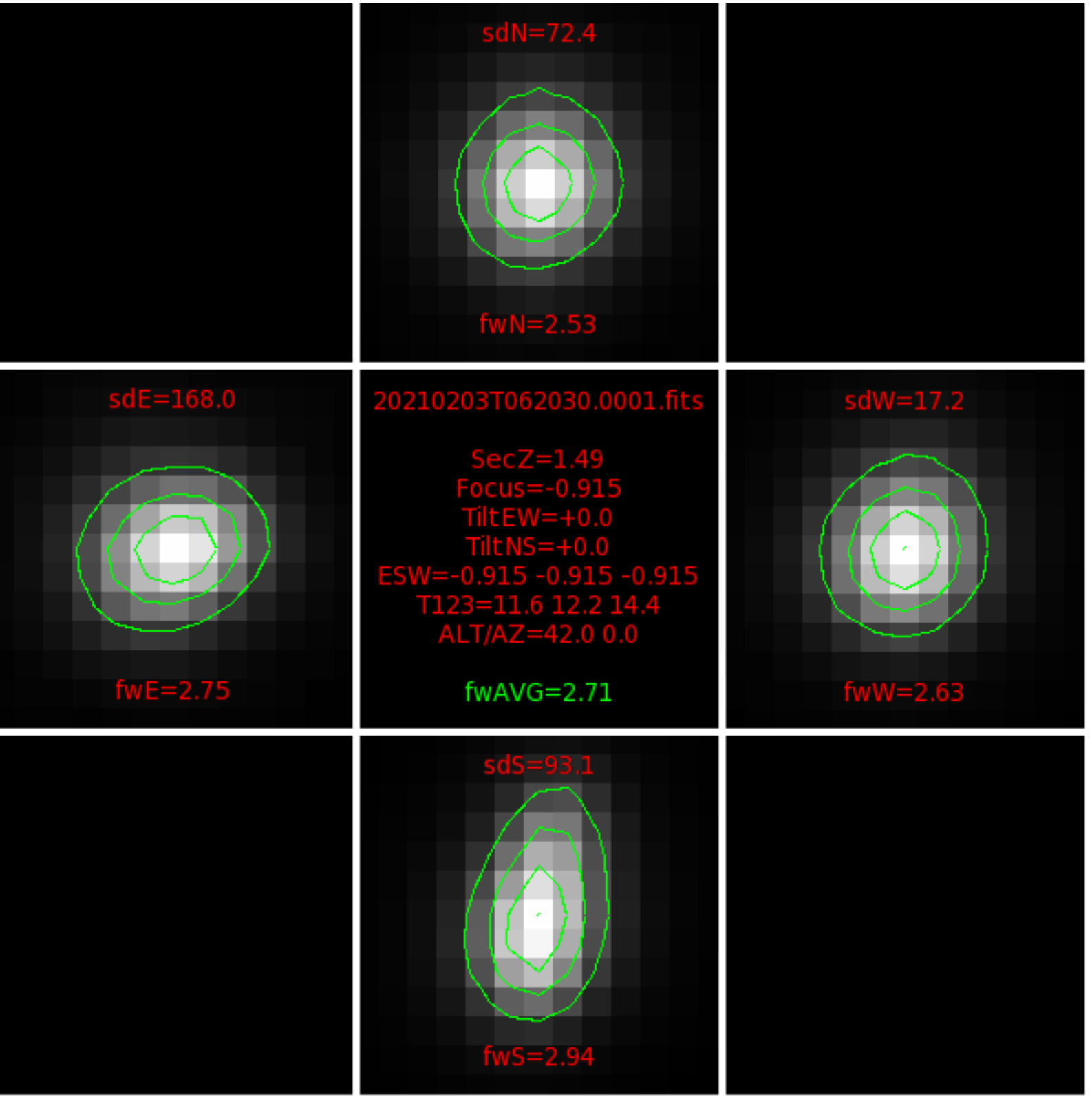
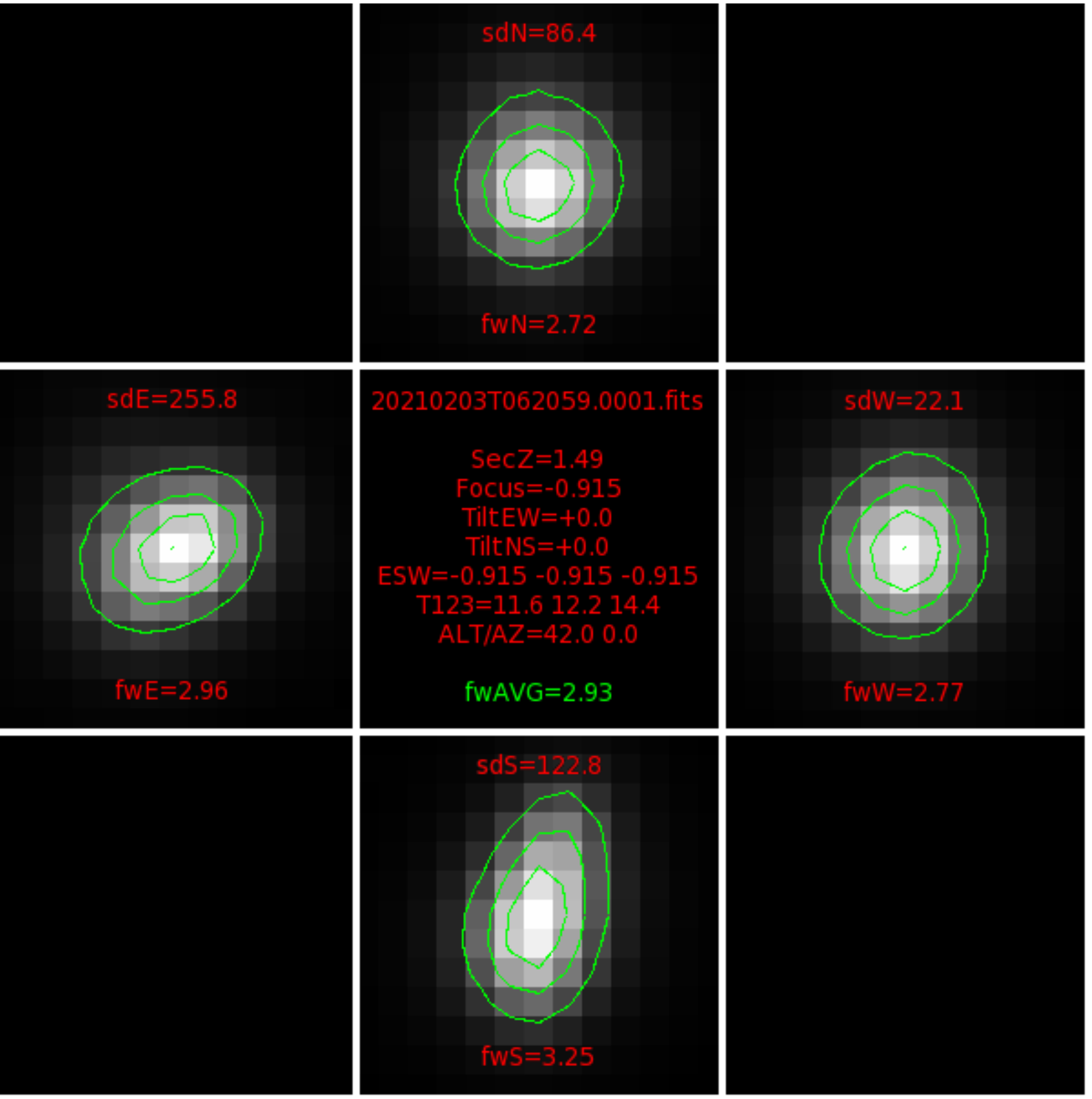
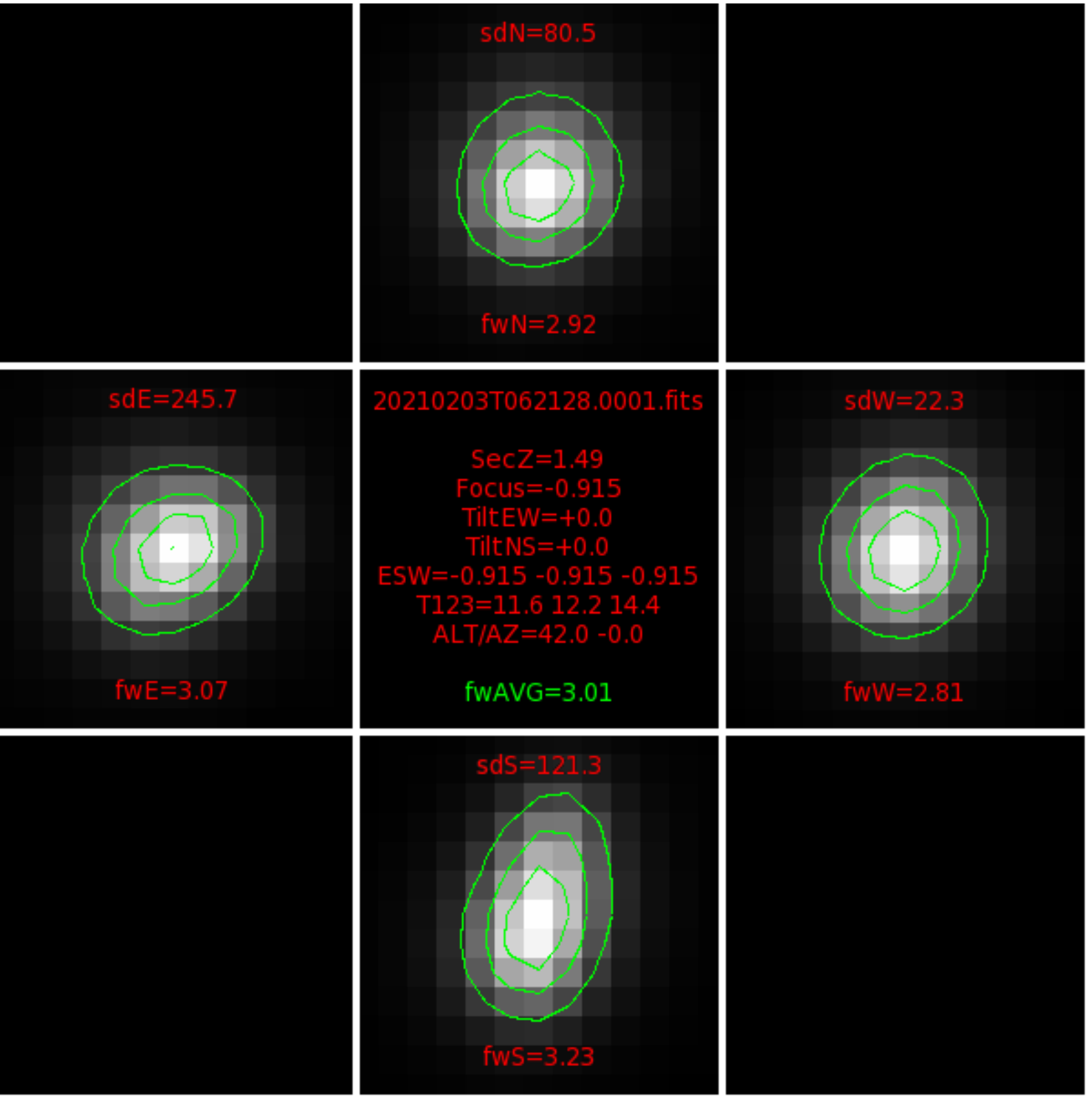

sdN=43.5
fwN=3.11
sdE=70.8
fwE=3.16
20210203T061750.0001.fits
SecZ=1.49
Focus=-0.921
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.921 -0.921 -0.921
T123=11.6 12.2 14.4
ALT/AZ=42.0 0.2
fwAVG=3.10
sdW=12.3
fwW=2.90
sdS=55.2
fwS=3.24
0 0 0 0 0 0 0 0 0

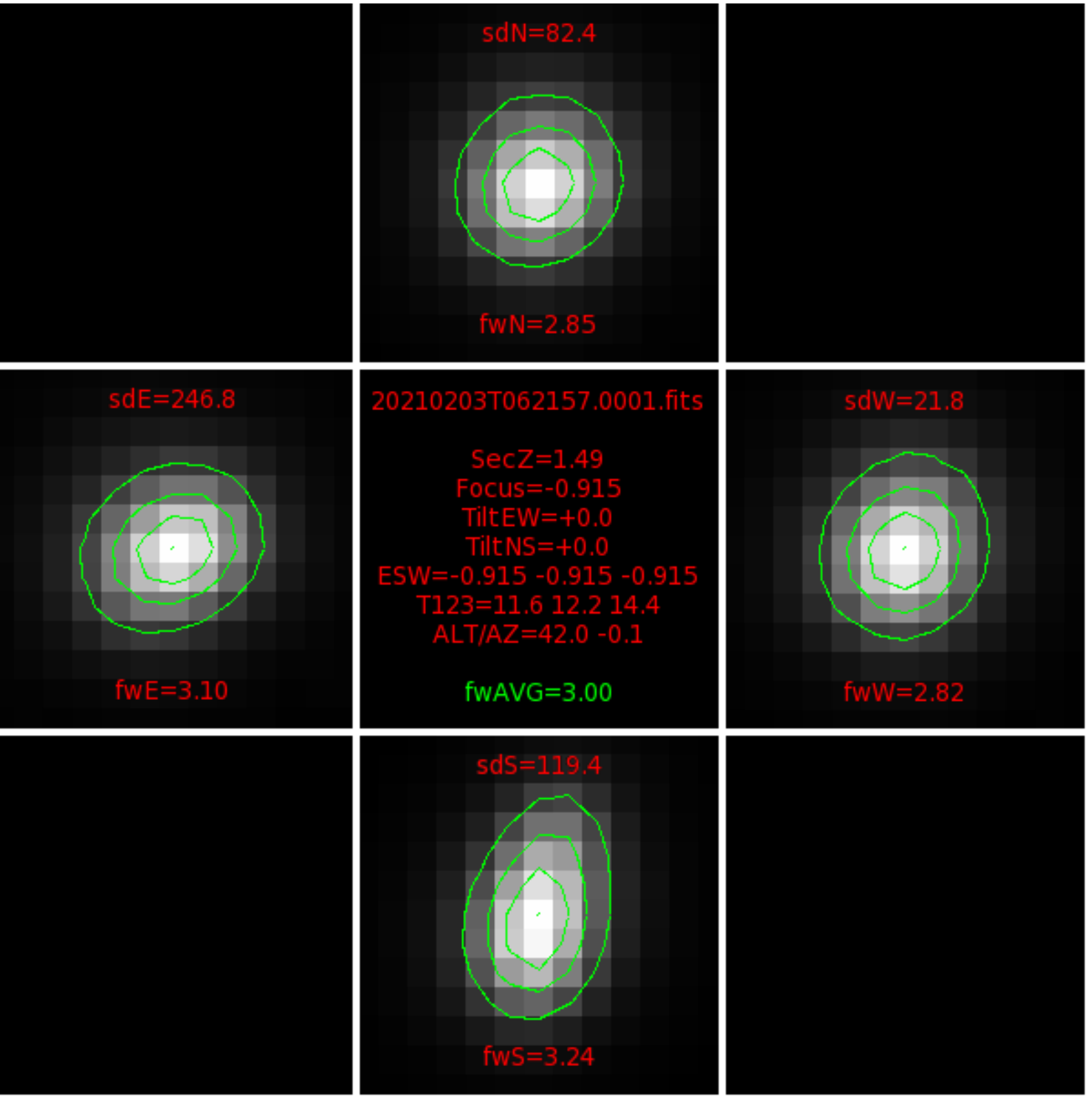

sdN=51.4
fwN=2.63
sdE=74.5
fwE=2.98
20210203T061819.0001.fits
SecZ=1.49
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.6 12.2 14.4
ALT/AZ=42.0 0.2
fwAVG=2.82
sdW=13.1
fwW=2.59
sdS=58.6
fwS=3.06
0 0 0 0 0 0 0 0 0

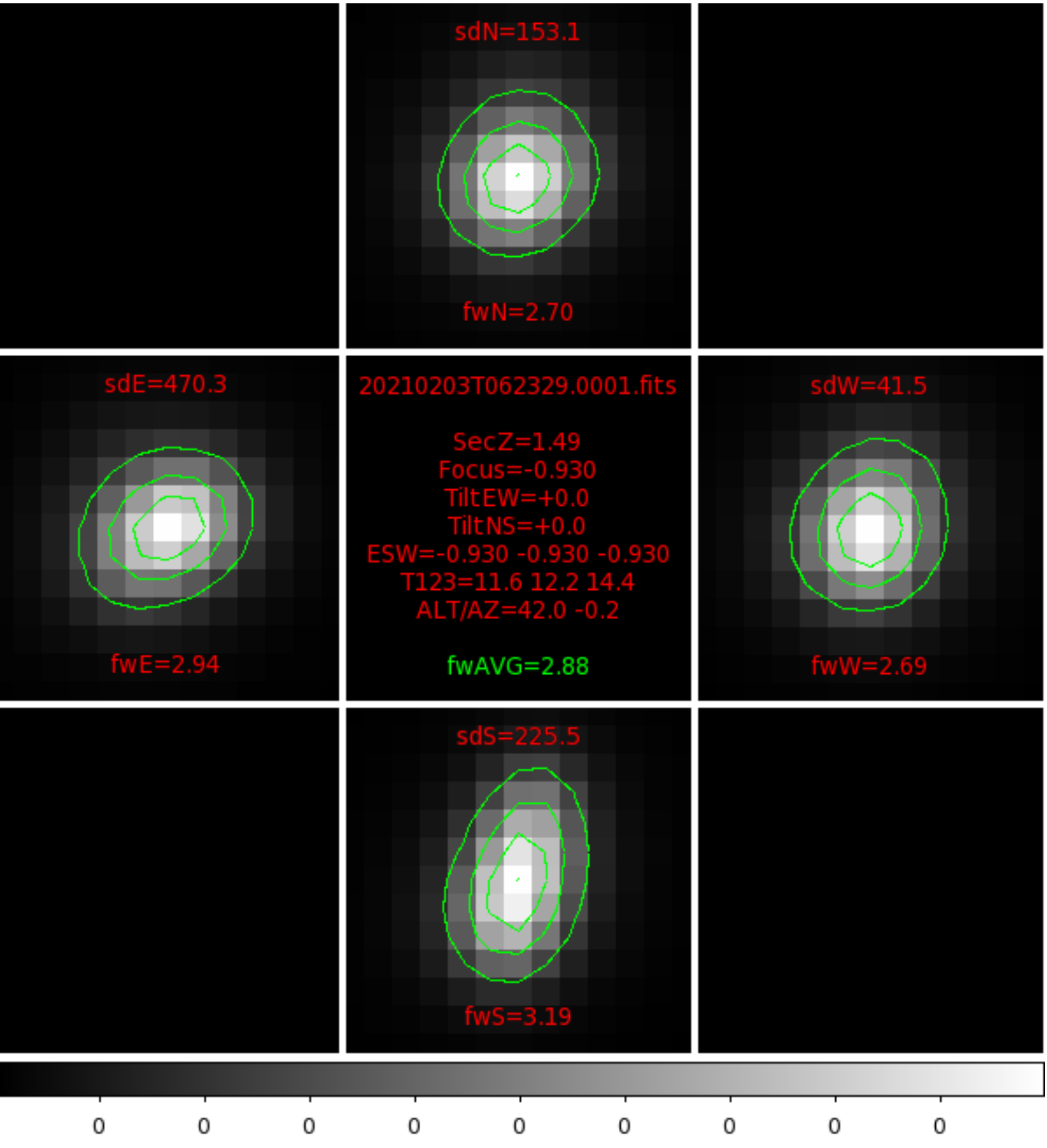

sdN=53.4
fwN=2.52
sdE=78.2
fwE=2.85
20210203T061849.0001.fits
SecZ=1.49
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.6 12.2 14.4
ALT/AZ=42.0 0.2
fwAVG=2.70
sdW=14.0
fwW=2.45
sdS=62.2
fwS=2.99
0 0 0 0 0 0 0 0 0

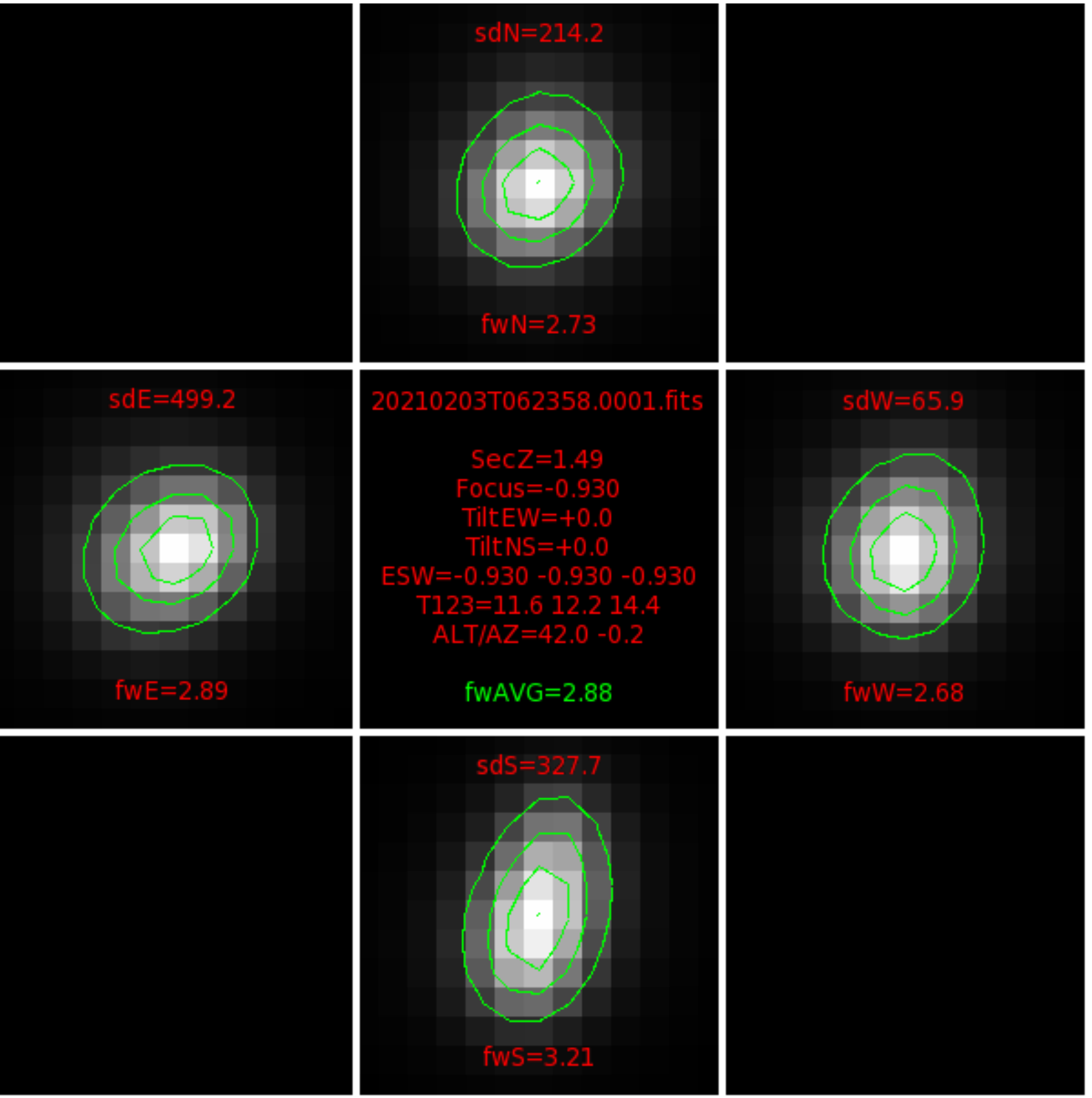

sdN=72.4
fwN=2.53
sdE=168.0
fwE=2.75
20210203T062030.0001.fits
SecZ=1.49
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.6 12.2 14.4
ALT/AZ=42.0 0.0
fwAVG=2.71
sdW=17.2
fwW=2.63
sdS=93.1
fwS=2.94
0 0 0 0 0 0 0 0 0

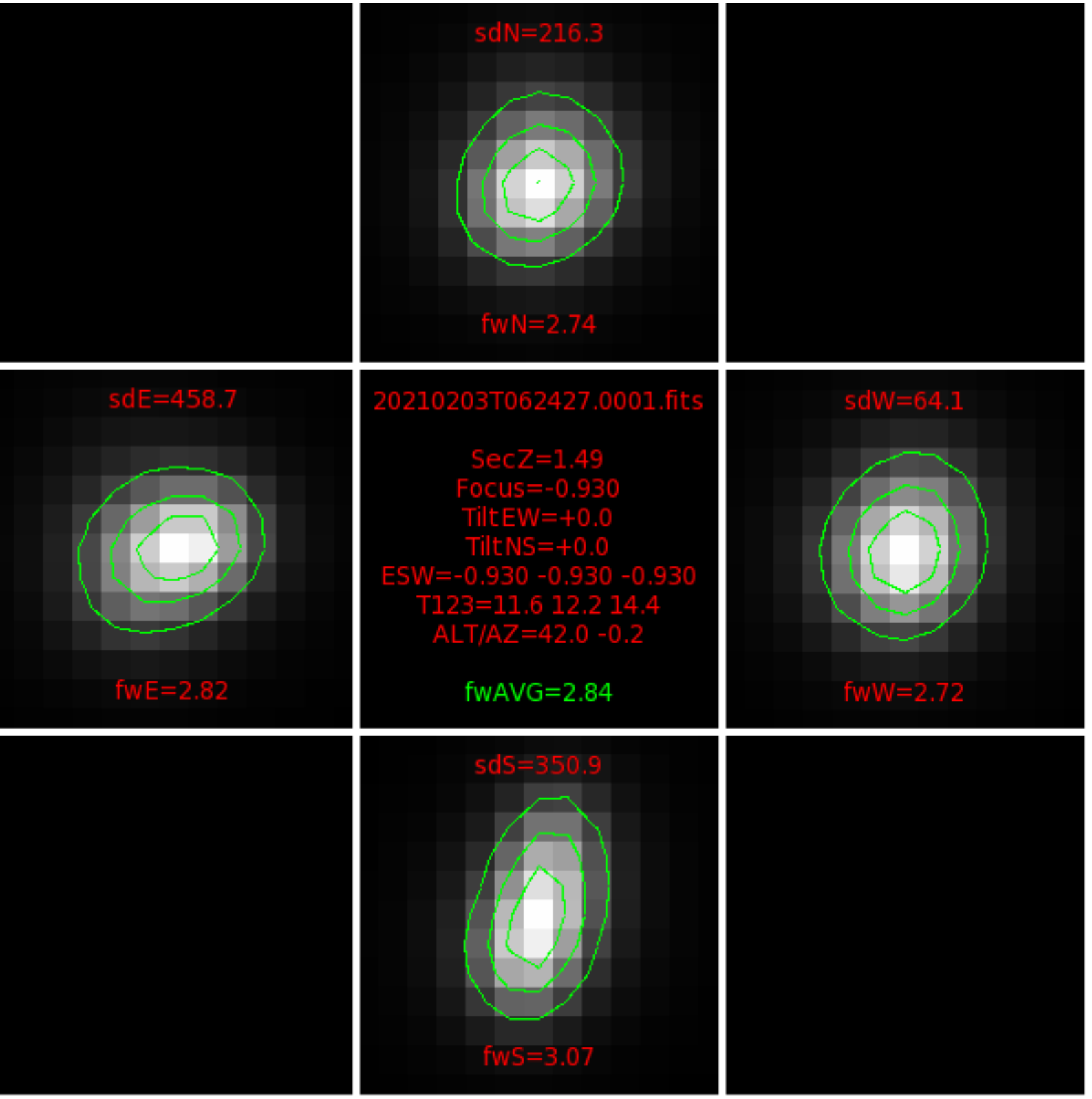

sdN=86.4
fwN=2.72
sdE=255.8
fwE=2.96
20210203T062059.0001.fits
SecZ=1.49
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.6 12.2 14.4
ALT/AZ=42.0 0.0
fwAVG=2.93
sdW=22.1
fwW=2.77
sdS=122.8
fwS=3.25
0 0 0 0 0 0 0 0 0

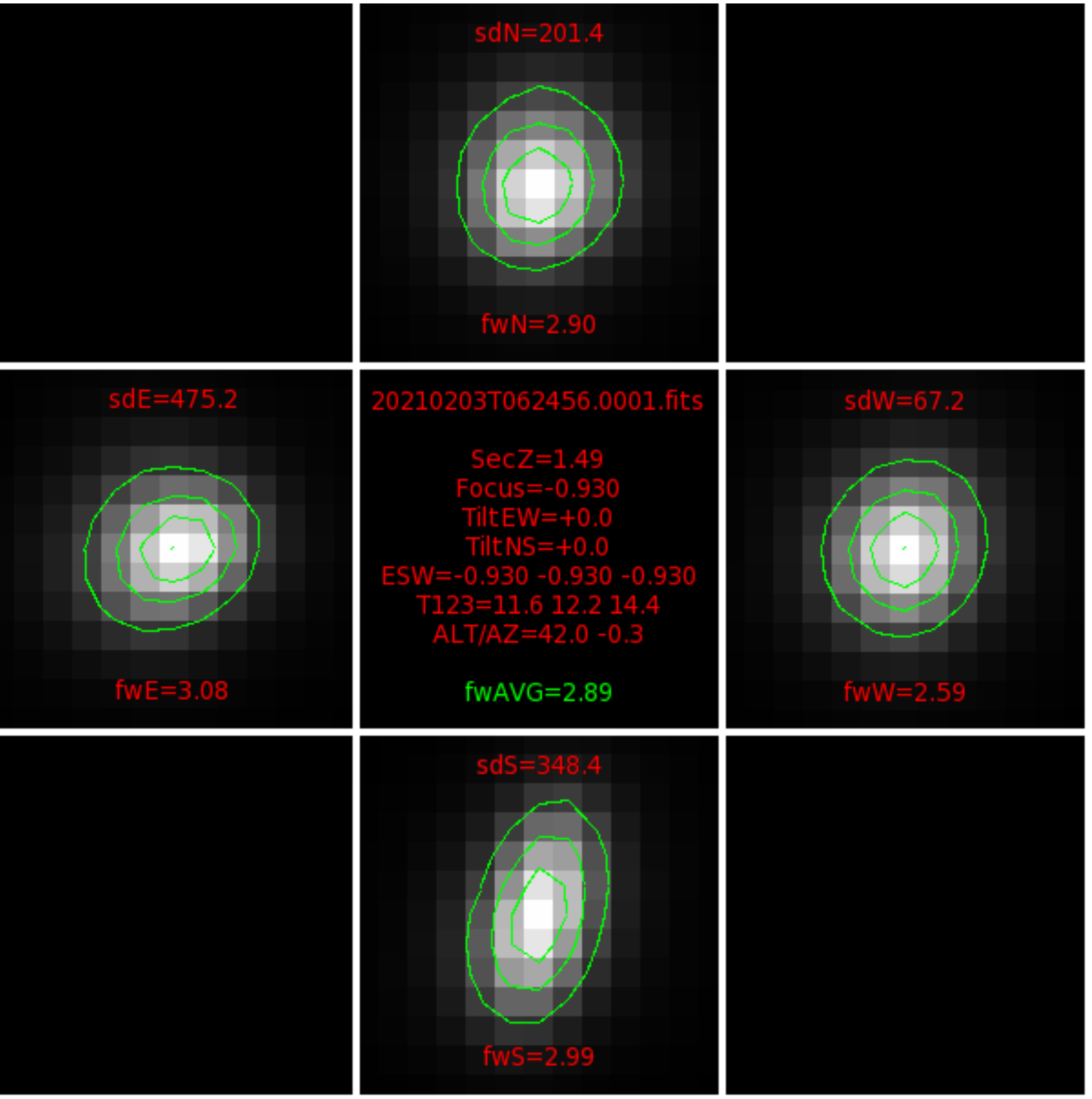

sdN=80.5
fwN=2.92
sdE=245.7
fwE=3.07
20210203T062128.0001.fits
SecZ=1.49
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.6 12.2 14.4
ALT/AZ=42.0 -0.0
fwAVG=3.01
sdW=22.3
fwW=2.81
sdS=121.3
fwS=3.23
0 0 0 0 0 0 0 0 0

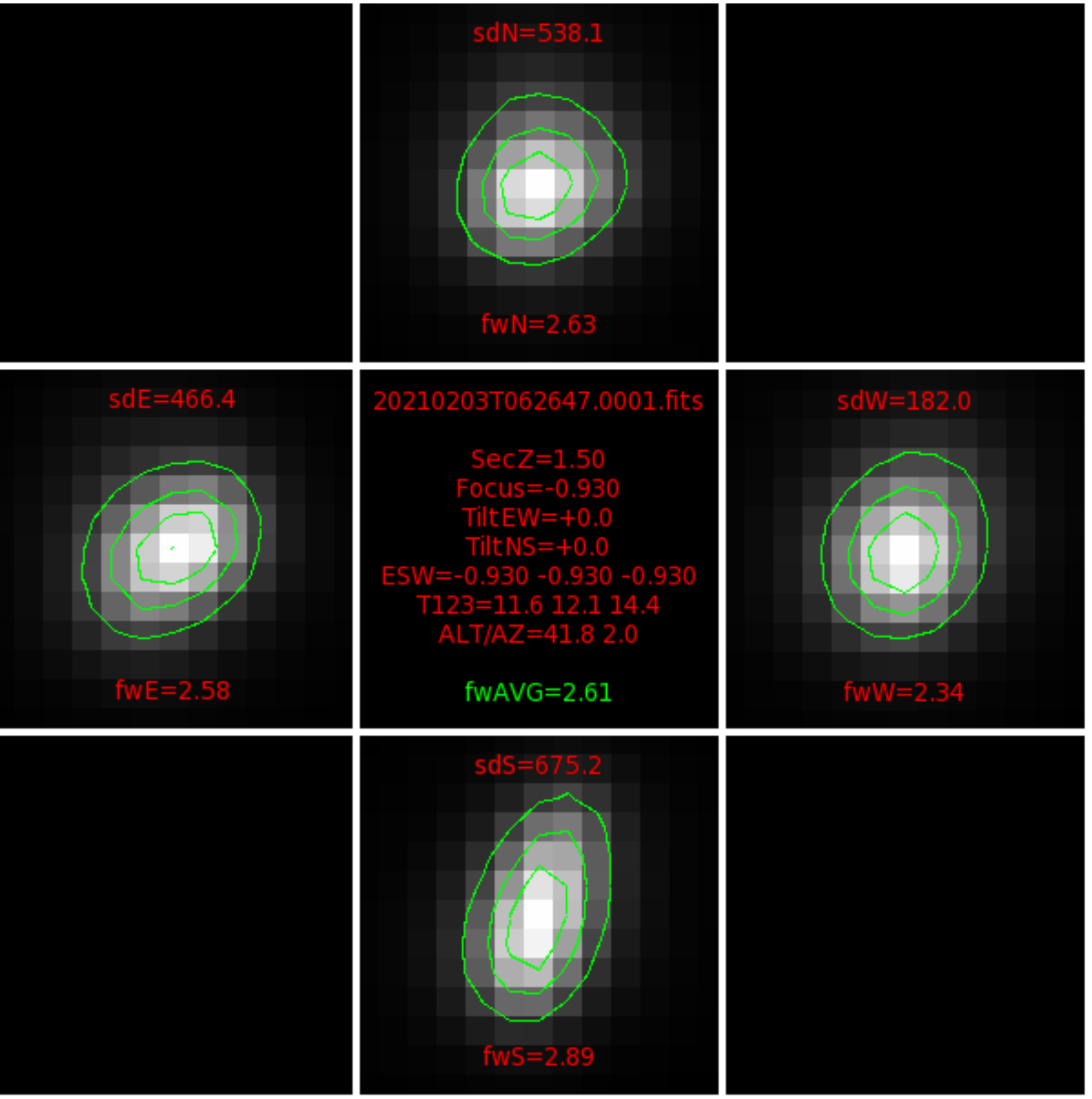

sdN=82.4
fwN=2.85
sdE=246.8
fwE=3.10
20210203T062157.0001.fits
SecZ=1.49
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.6 12.2 14.4
ALT/AZ=42.0 -0.1
fwAVG=3.00
sdW=21.8
fwW=2.82
sdS=119.4
fwS=3.24
0 0 0 0 0 0 0 0 0

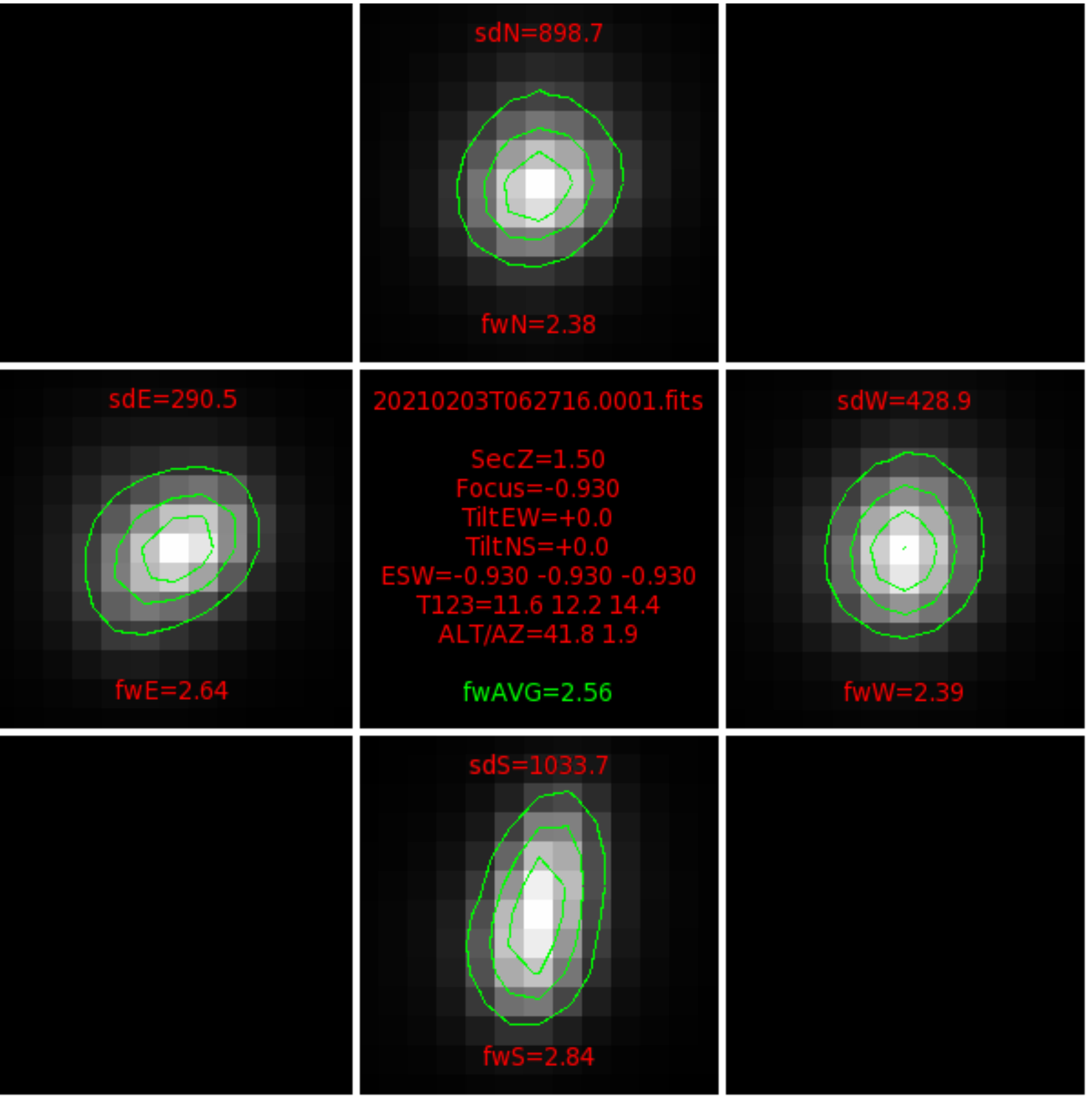

sdN=153.1
fwN=2.70
sdE=470.3
fwE=2.94
20210203T062329.0001.fits
SecZ=1.49
Focus=-0.930
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.930 -0.930 -0.930
T123=11.6 12.2 14.4
ALT/AZ=42.0 -0.2
fwAVG=2.88
sdW=41.5
fwW=2.69
sdS=225.5
fwS=3.19
0 0 0 0 0 0 0 0 0


sdN=214.2
fwN=2.73
sdE=499.2
fwE=2.89
20210203T062358.0001.fits
SecZ=1.49
Focus=-0.930
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.930 -0.930 -0.930
T123=11.6 12.2 14.4
ALT/AZ=42.0 -0.2
fwAVG=2.88
sdW=65.9
fwW=2.68
sdS=327.7
fwS=3.21
0 0 0 0 0 0 0 0 0


sdN=216.3
fwN=2.74
sdE=458.7
fwE=2.82
20210203T062427.0001.fits
SecZ=1.49
Focus=-0.930
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.930 -0.930 -0.930
T123=11.6 12.2 14.4
ALT/AZ=42.0 -0.2
fwAVG=2.84
sdW=64.1
fwW=2.72
sdS=350.9
fwS=3.07
0 0 0 0 0 0 0 0 0


sdN=201.4
fwN=2.90
sdE=475.2
fwE=3.08
20210203T062456.0001.fits
SecZ=1.49
Focus=-0.930
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.930 -0.930 -0.930
T123=11.6 12.2 14.4
ALT/AZ=42.0 -0.3
fwAVG=2.89
sdW=67.2
fwW=2.59
sdS=348.4
fwS=2.99
0 0 0 0 0 0 0 0 0


sdN=538.1
fwN=2.63
sdE=466.4
fwE=2.58
20210203T062647.0001.fits
SecZ=1.50
Focus=-0.930
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.930 -0.930 -0.930
T123=11.6 12.1 14.4
ALT/AZ=41.8 2.0
fwAVG=2.61
sdW=182.0
fwW=2.34
sdS=675.2
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=898.7
fwN=2.38
sdE=290.5
fwE=2.64
20210203T062716.0001.fits
SecZ=1.50
Focus=-0.930
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.930 -0.930 -0.930
T123=11.6 12.2 14.4
ALT/AZ=41.8 1.9
fwAVG=2.56
sdW=428.9
fwW=2.39
sdS=1033.7
fwS=2.84
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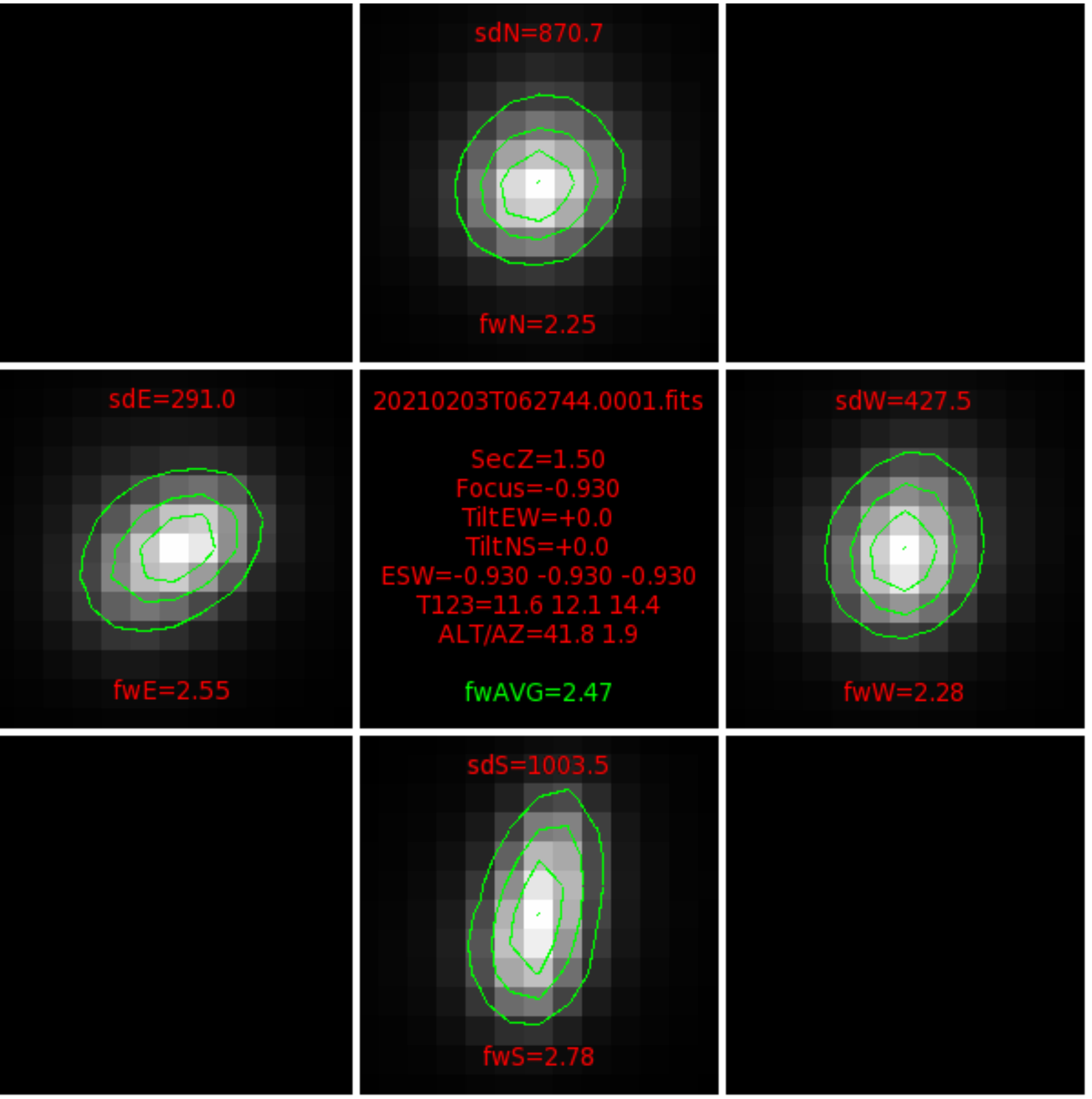
sdN=870.7
fwN=2.25
sdE=291.0
fwE=2.55
20210203T062744.0001.fits
SecZ=1.50
Focus=-0.930
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.930 -0.930 -0.930
T123=11.6 12.1 14.4
ALT/AZ=41.8 1.9
fwAVG=2.47
sdW=427.5
fwW=2.28
sdS=1003.5
fwS=2.78
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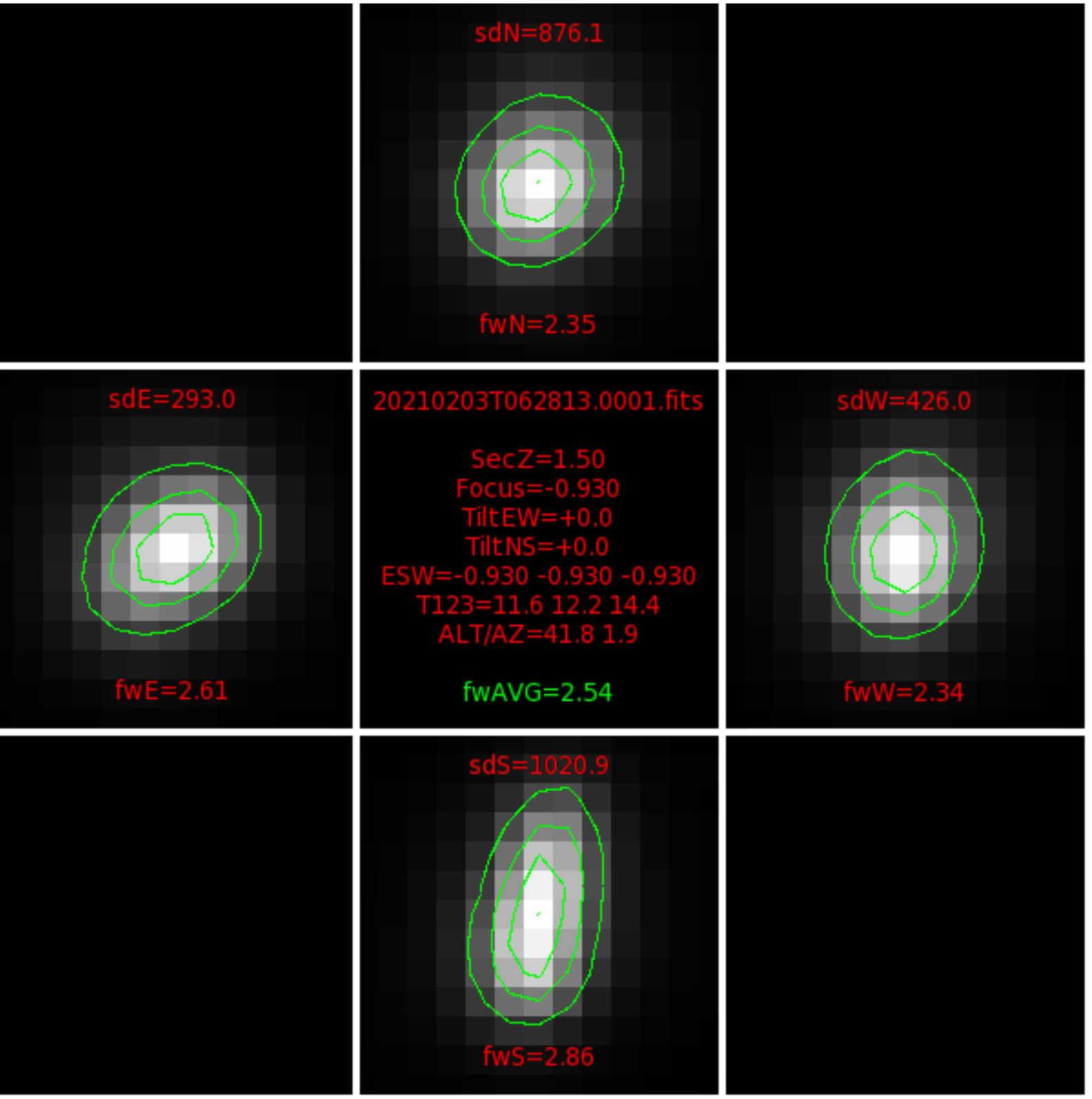
sdN=876.1
fwN=2.35
sdE=293.0
fwE=2.61
20210203T062813.0001.fits
SecZ=1.50
Focus=-0.930
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.930 -0.930 -0.930
T123=11.6 12.2 14.4
ALT/AZ=41.8 1.9
fwAVG=2.54
sdW=426.0
fwW=2.34
sdS=1020.9
fwS=2.86
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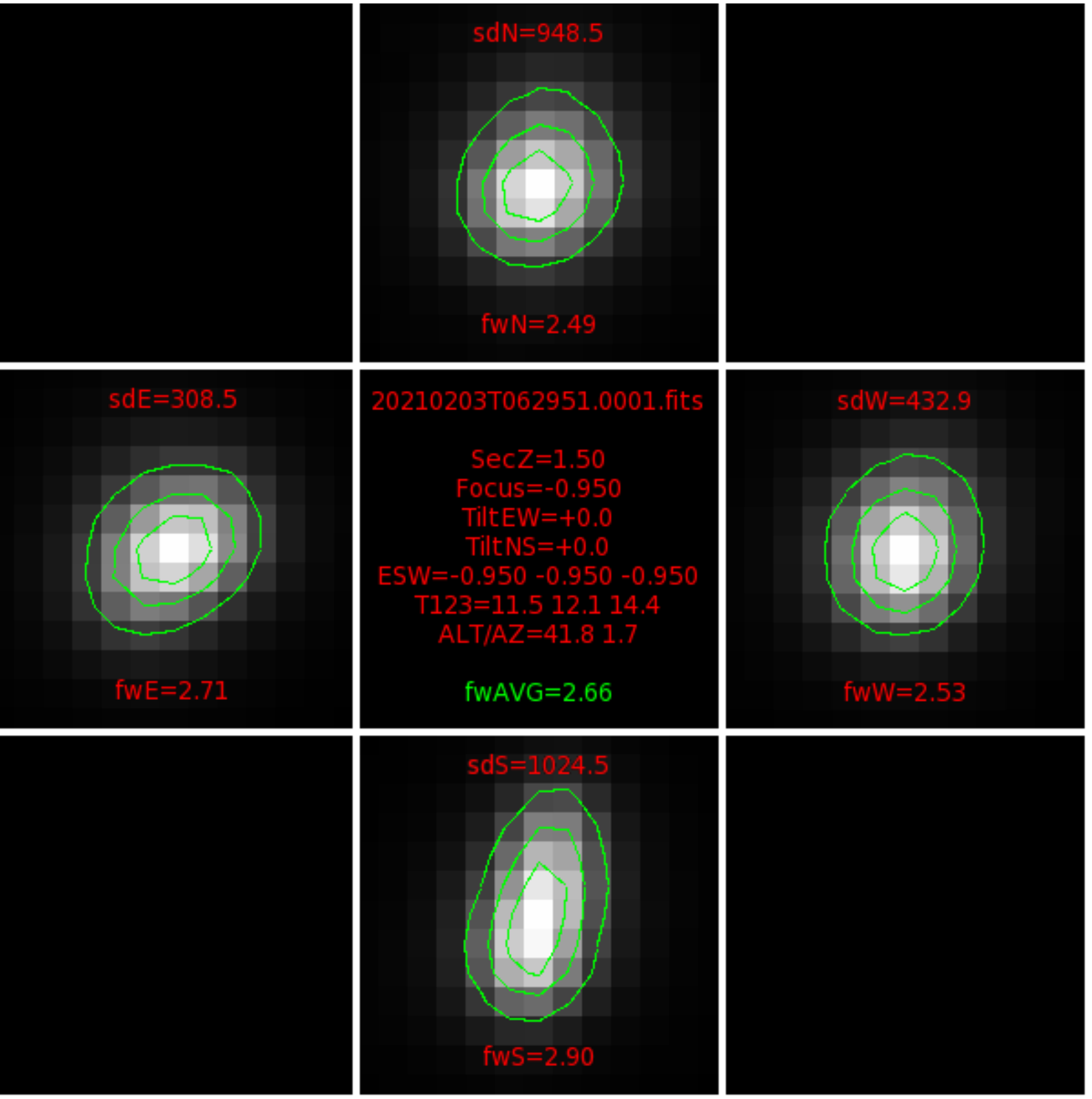
sdN=948.5
fwN=2.49
sdE=308.5
fwE=2.71
20210203T062951.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.8 1.7
fwAVG=2.66
sdW=432.9
fwW=2.53
sdS=1024.5
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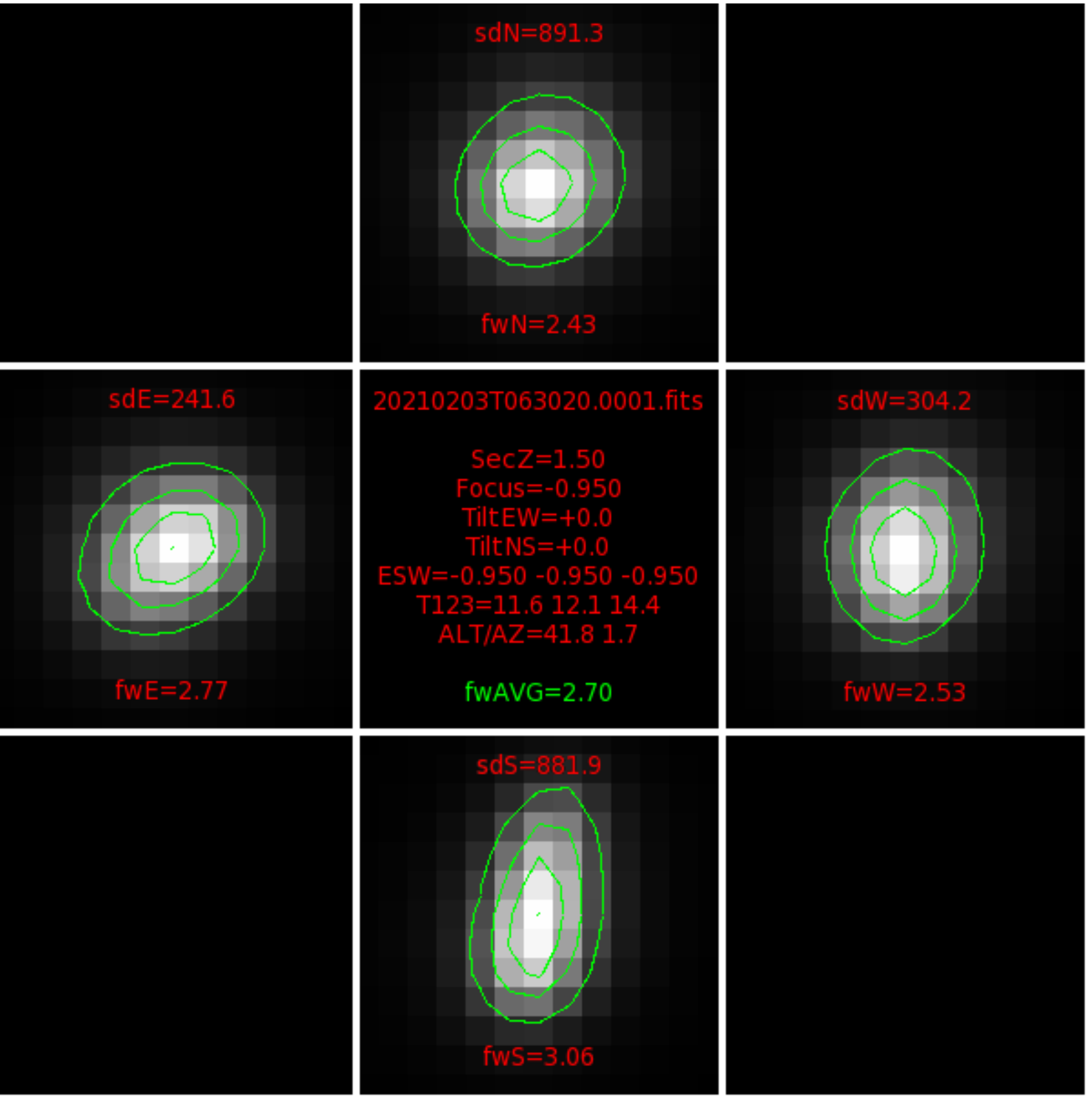
sdN=891.3
fwN=2.43
sdE=241.6
fwE=2.77
20210203T063020.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.6 12.1 14.4
ALT/AZ=41.8 1.7
fwAVG=2.70
sdW=304.2
fwW=2.53
sdS=881.9
fwS=3.06
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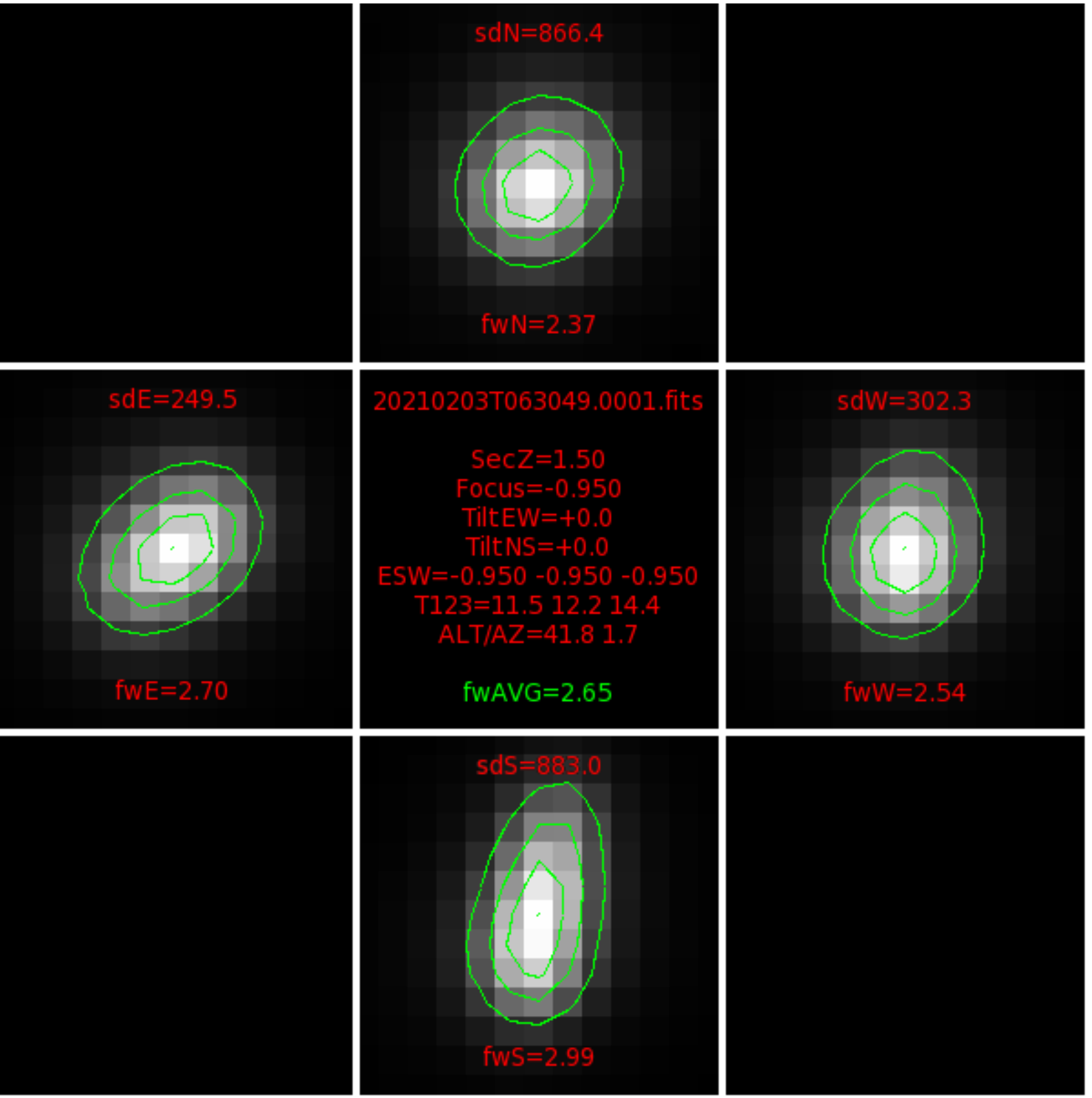
sdN=866.4
fwN=2.37
sdE=249.5
fwE=2.70
20210203T063049.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.2 14.4
ALT/AZ=41.8 1.7
fwAVG=2.65
sdW=302.3
fwW=2.54
sdS=883.0
fwS=2.99
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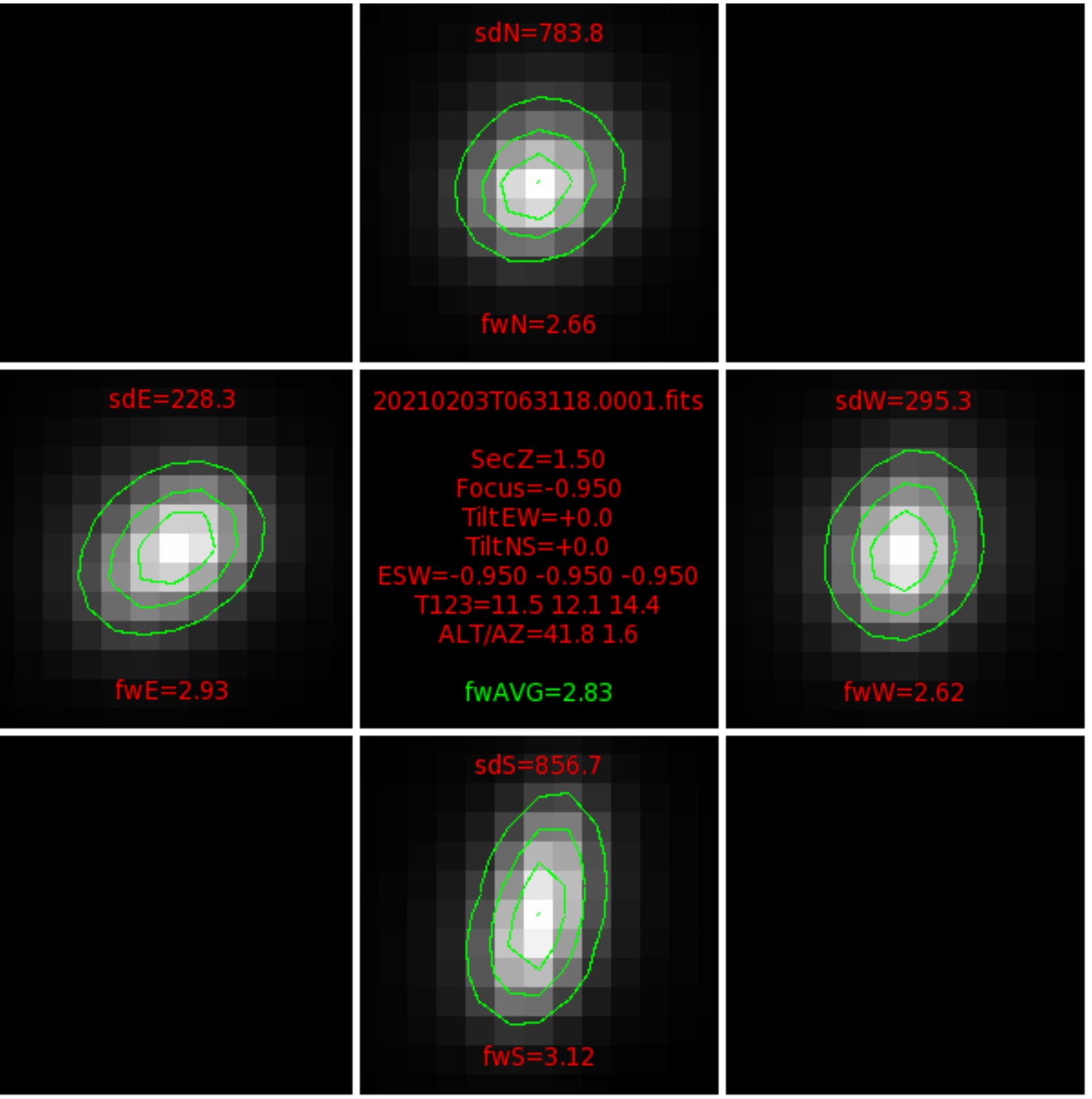
sdN=783.8
fwN=2.66
sdE=228.3
fwE=2.93
20210203T063118.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.8 1.6
fwAVG=2.83
sdW=295.3
fwW=2.62
sdS=856.7
fwS=3.12
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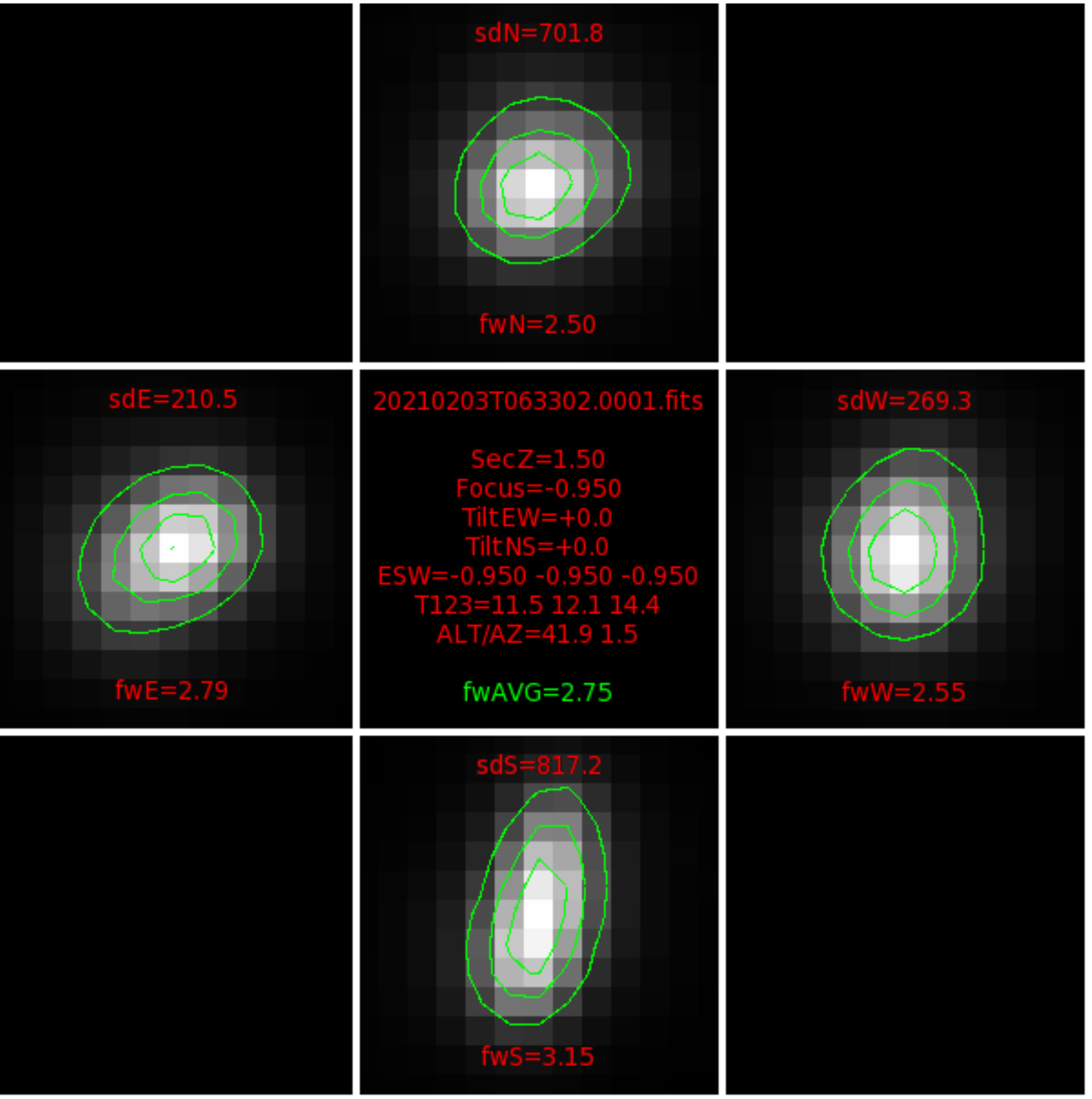
sdN=701.8
fwN=2.50
sdE=210.5
fwE=2.79
20210203T063302.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.9 1.5
fwAVG=2.75
sdW=269.3
fwW=2.55
sdS=817.2
fwS=3.15
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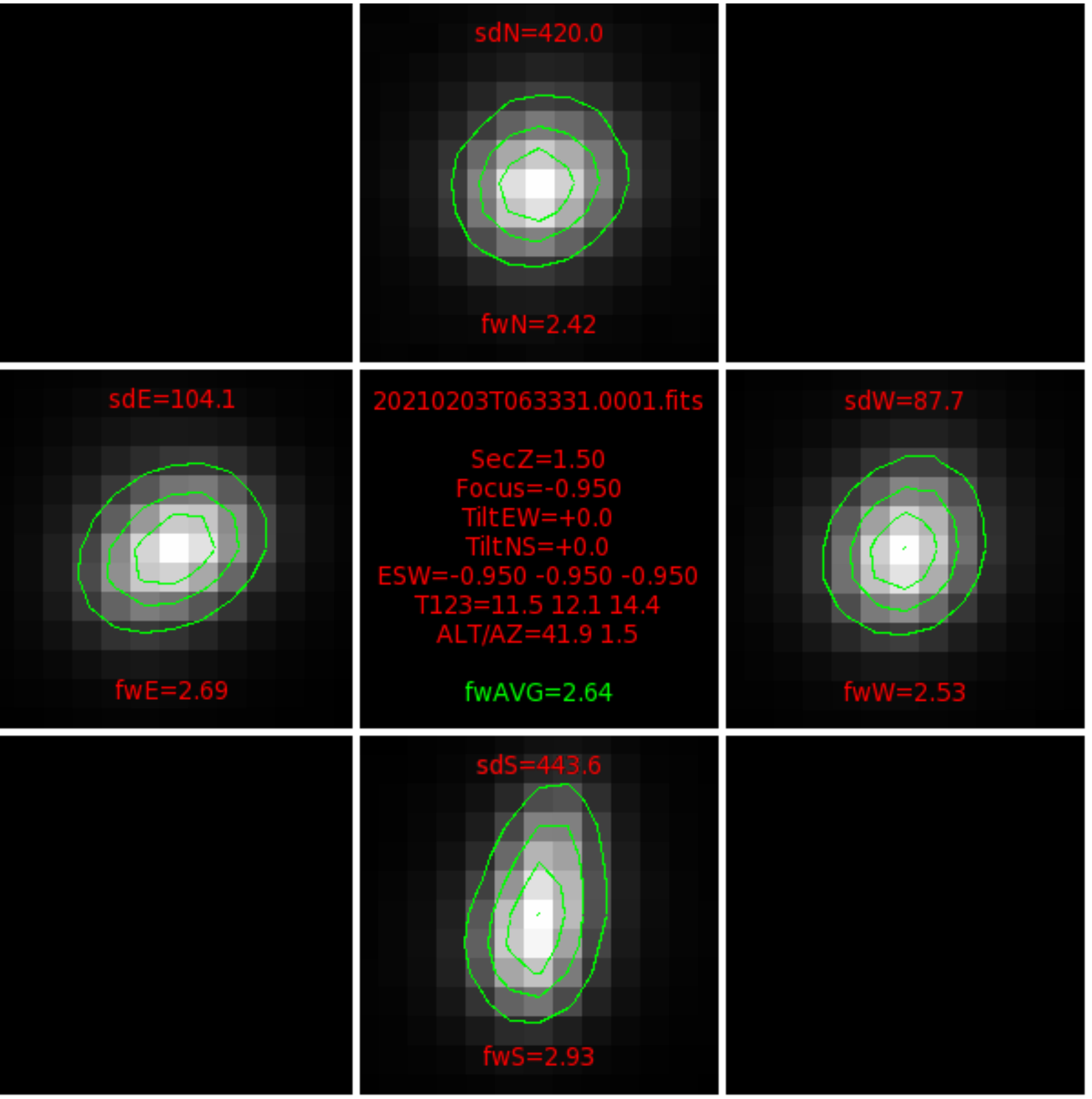
sdN=420.0
fwN=2.42
sdE=104.1
fwE=2.69
20210203T063331.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.9 1.5
fwAVG=2.64
sdW=87.7
fwW=2.53
sdS=443.6
fwS=2.93
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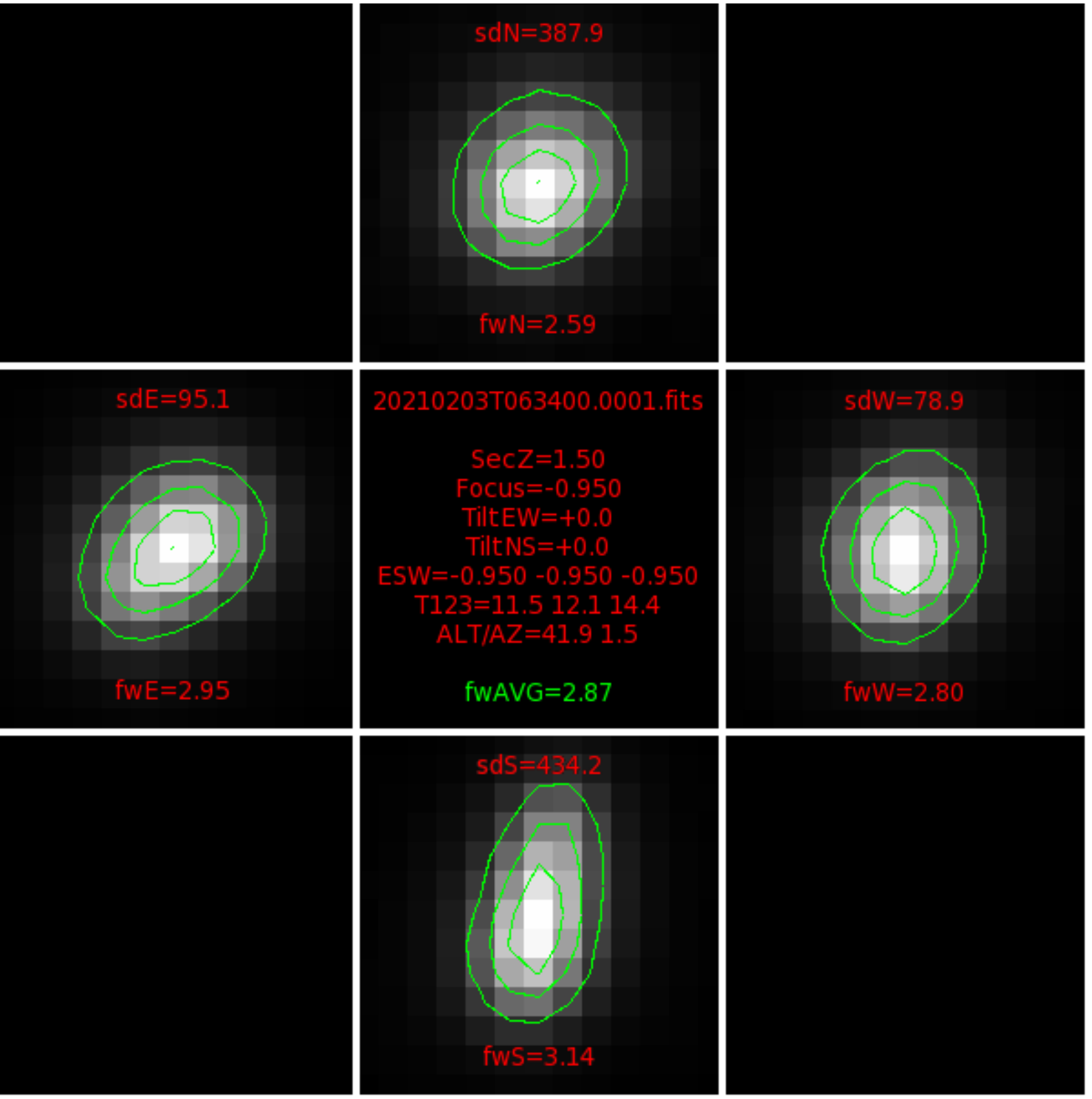
sdN=387.9
fwN=2.59
sdE=95.1
fwE=2.95
20210203T063400.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.9 1.5
fwAVG=2.87
sdW=78.9
fwW=2.80
sdS=434.2
fwS=3.14
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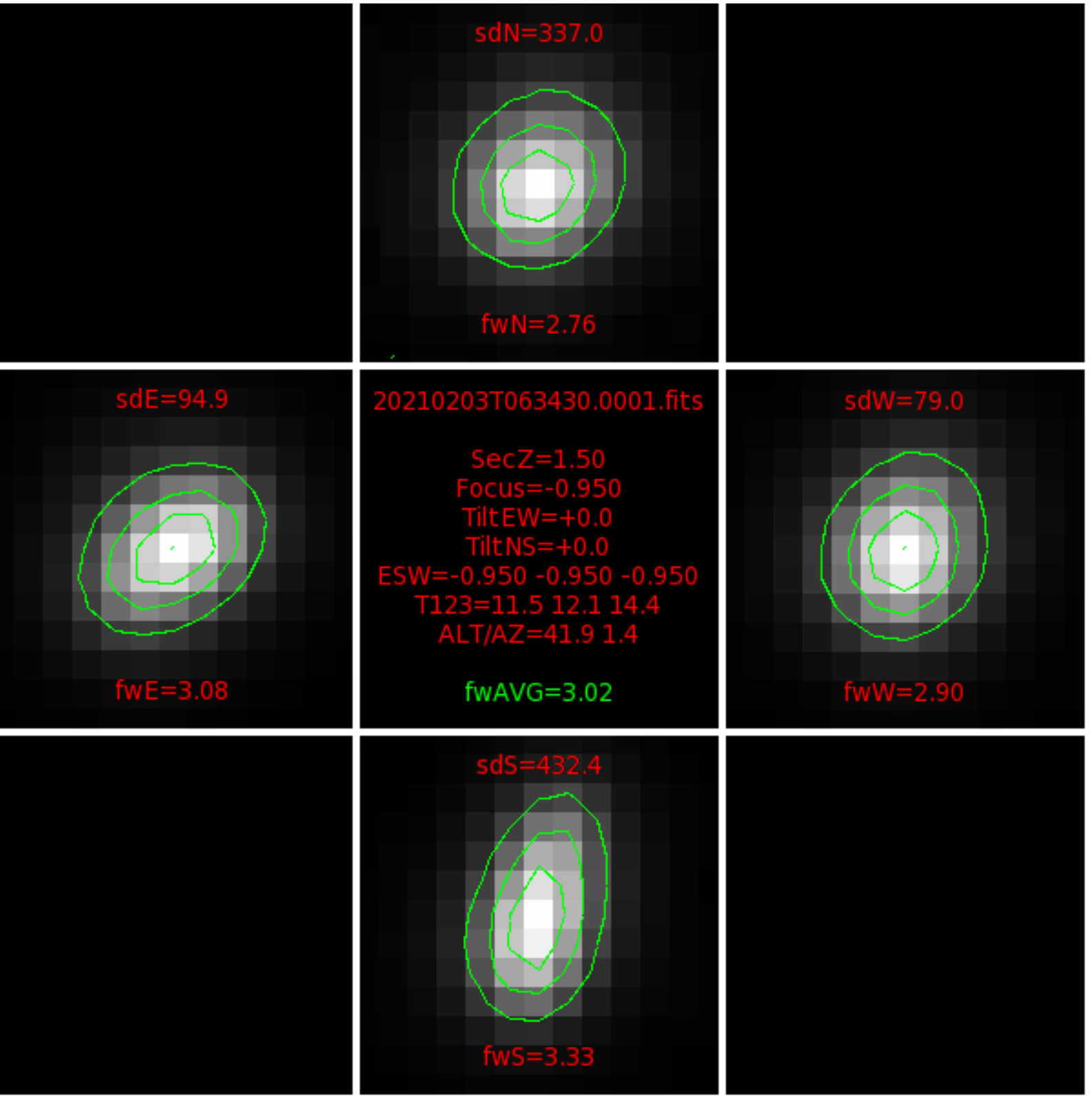
sdN=337.0
fwN=2.76
sdE=94.9
fwE=3.08
20210203T063430.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.9 1.4
fwAVG=3.02
sdW=79.0
fwW=2.90
sdS=432.4
fwS=3.33
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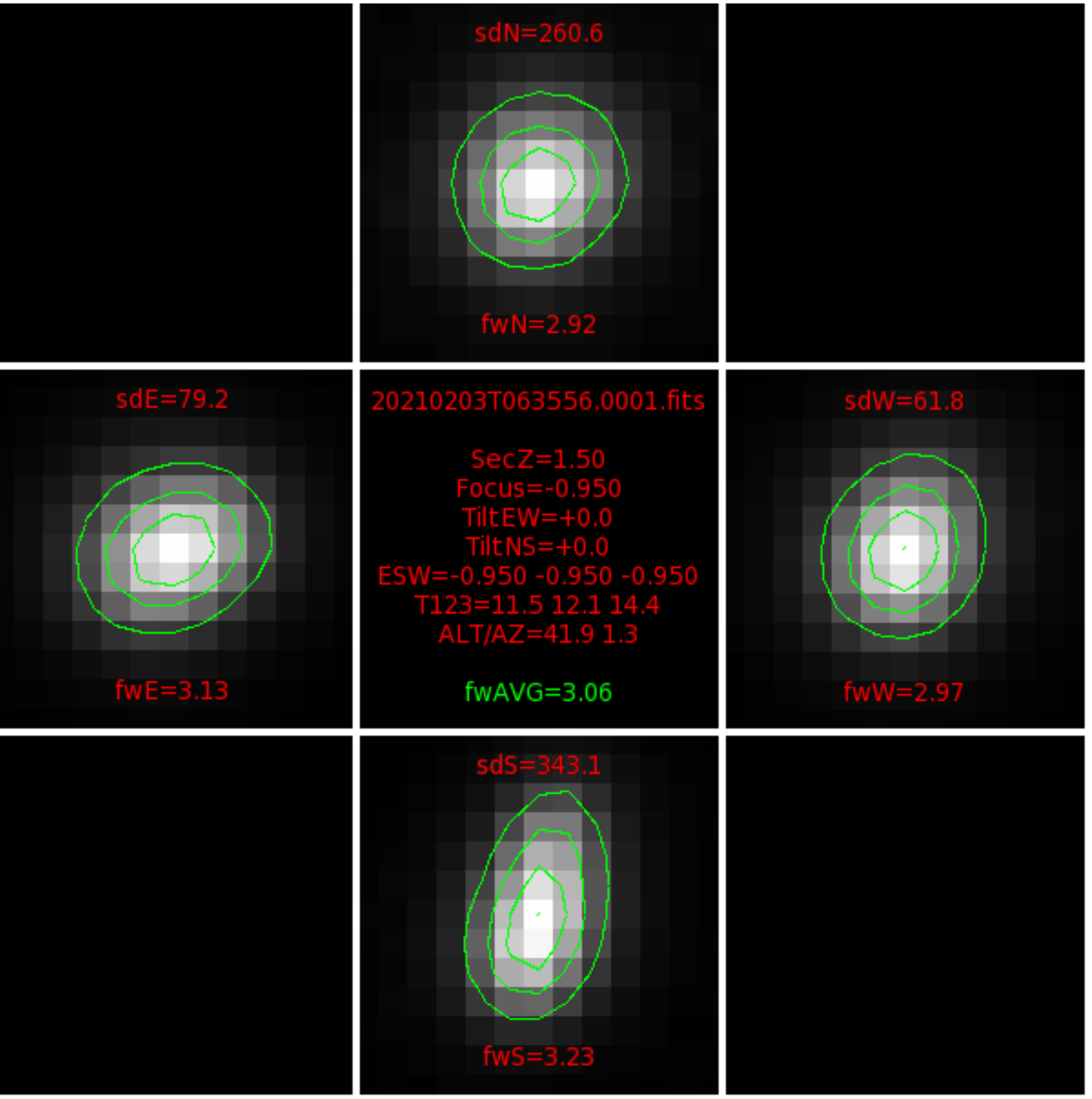
sdN=260.6
fwN=2.92
sdE=79.2
fwE=3.13
20210203T063556.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.9 1.3
fwAVG=3.06
sdW=61.8
fwW=2.97
sdS=343.1
fwS=3.23
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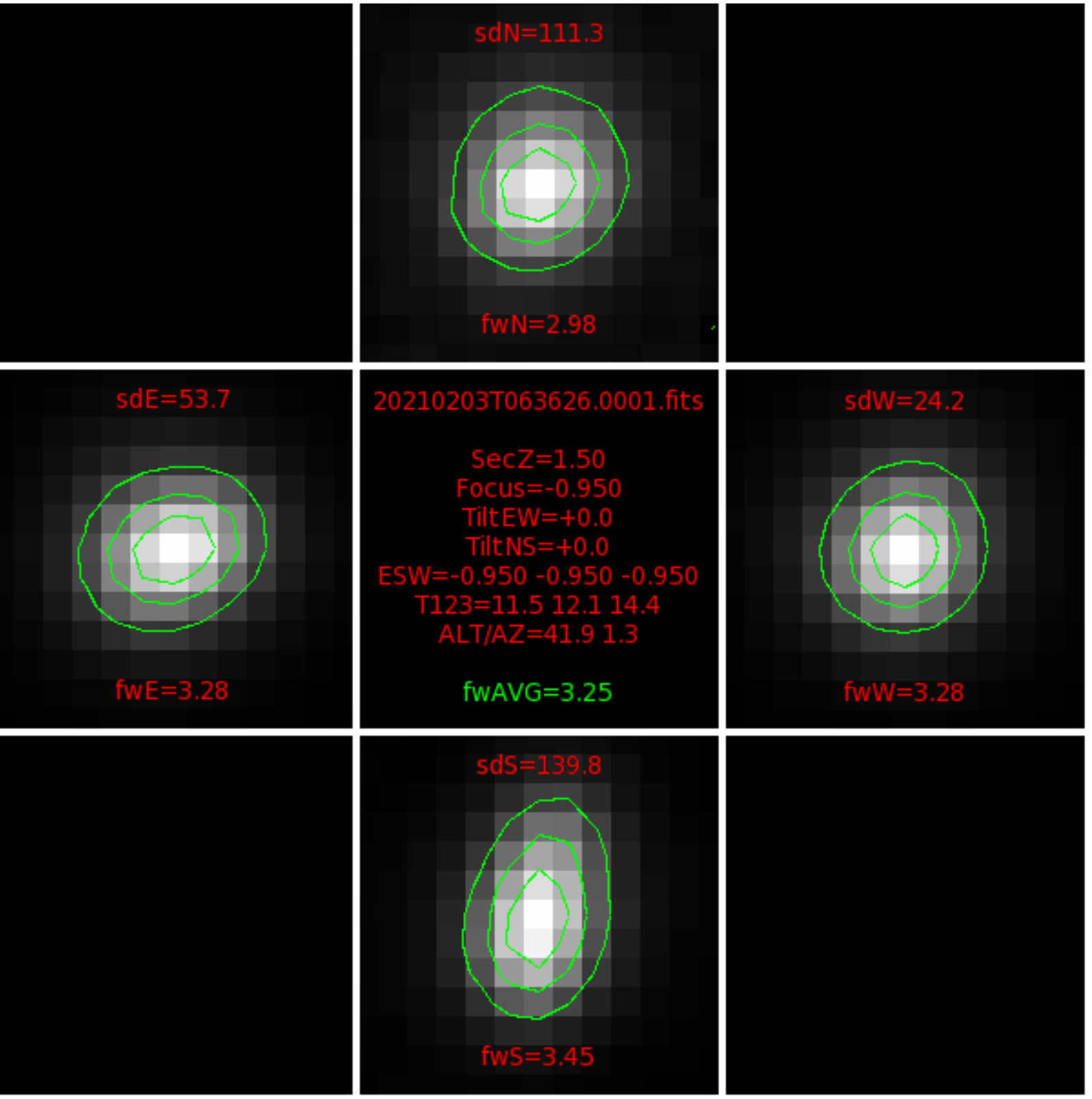
sdN=111.3
fwN=2.98
sdE=53.7
fwE=3.28
20210203T063626.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.9 1.3
fwAVG=3.25
sdW=24.2
fwW=3.28
sdS=139.8
fwS=3.45
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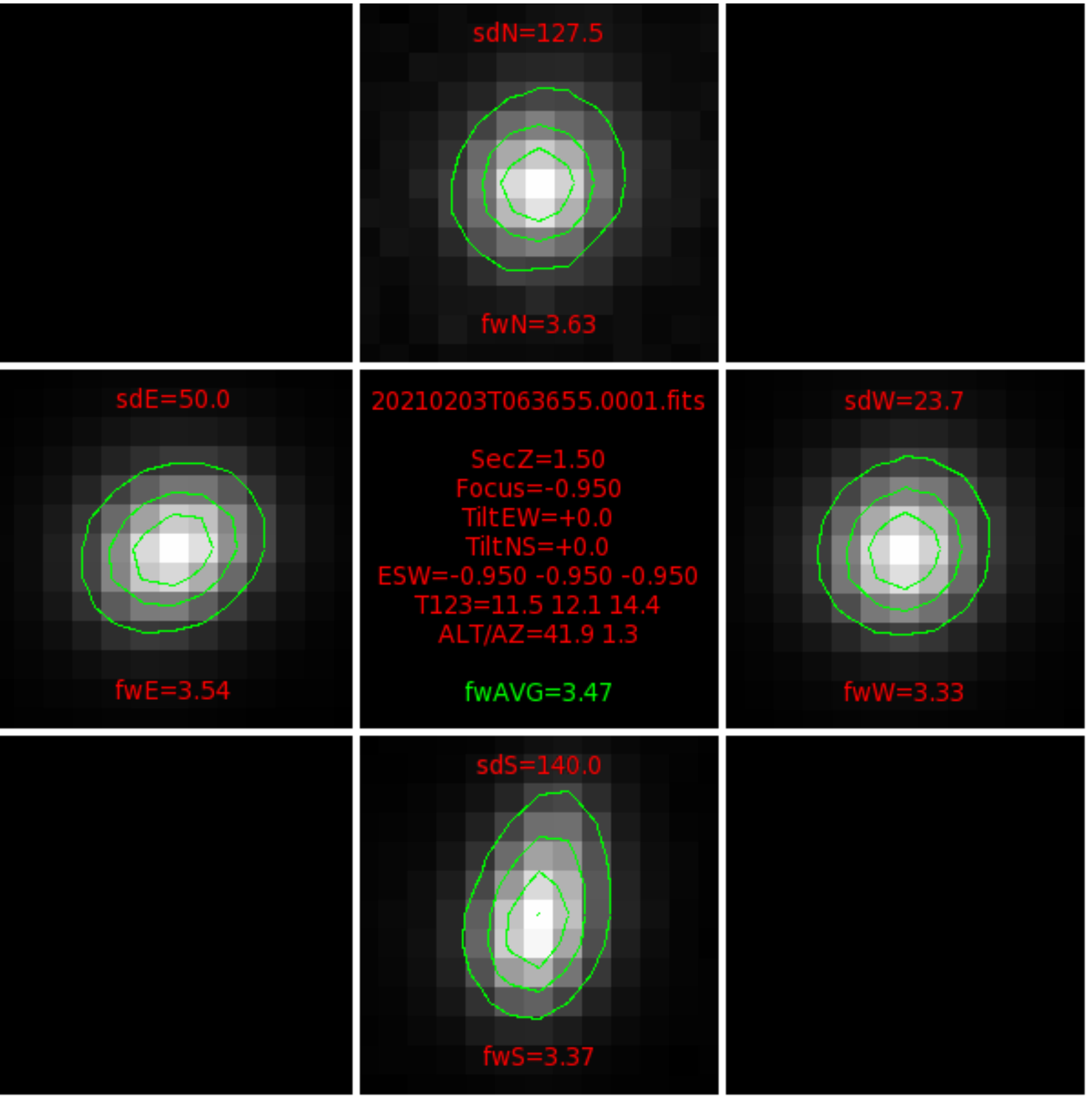
sdN=127.5
fwN=3.63
sdE=50.0
fwE=3.54
20210203T063655.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.9 1.3
fwAVG=3.47
sdW=23.7
fwW=3.33
sdS=140.0
fwS=3.37
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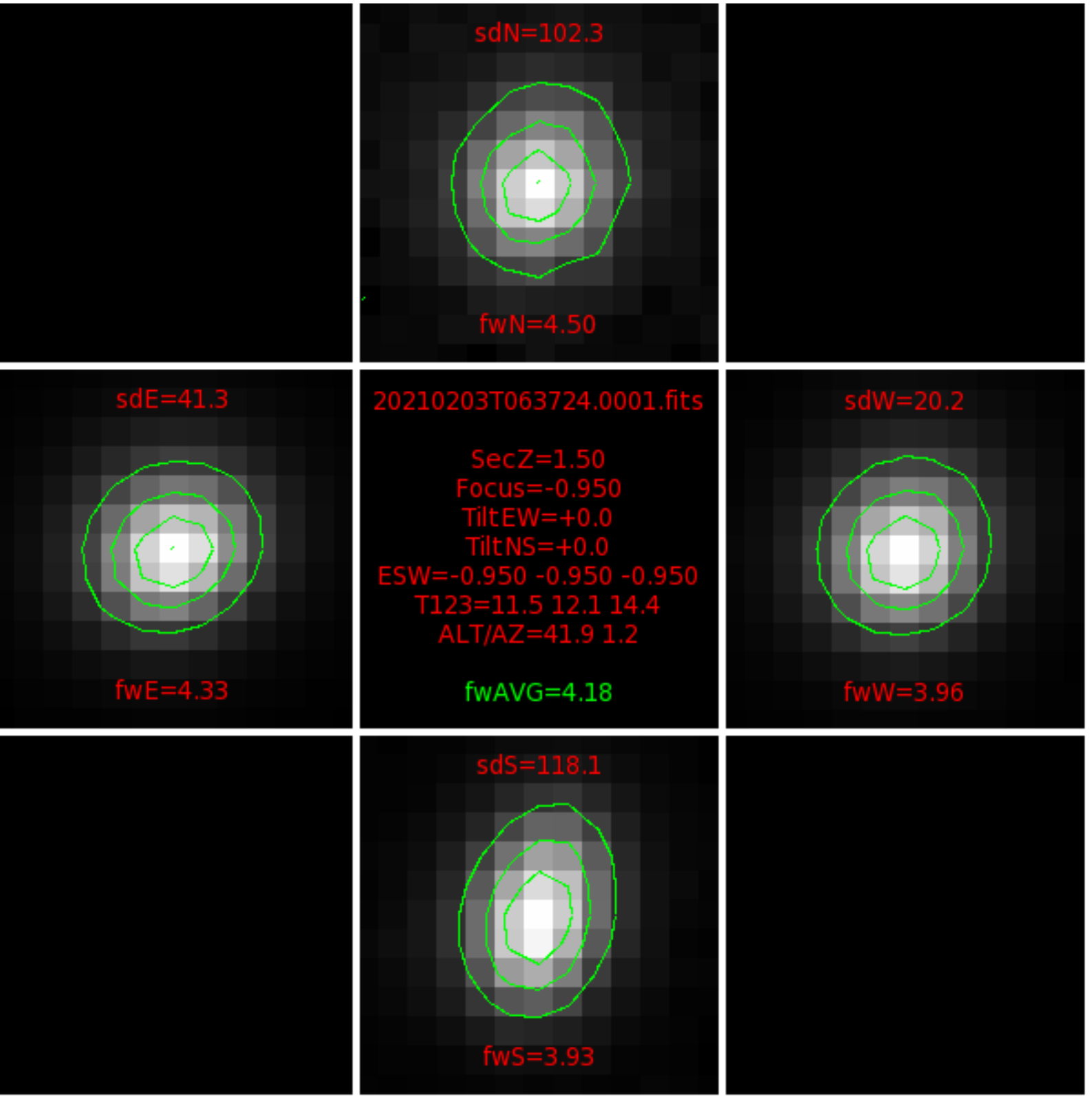
sdN=102.3
fwN=4.50
sdE=41.3
fwE=4.33
20210203T063724.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.9 1.2
fwAVG=4.18
sdW=20.2
fwW=3.96
sdS=118.1
fwS=3.93
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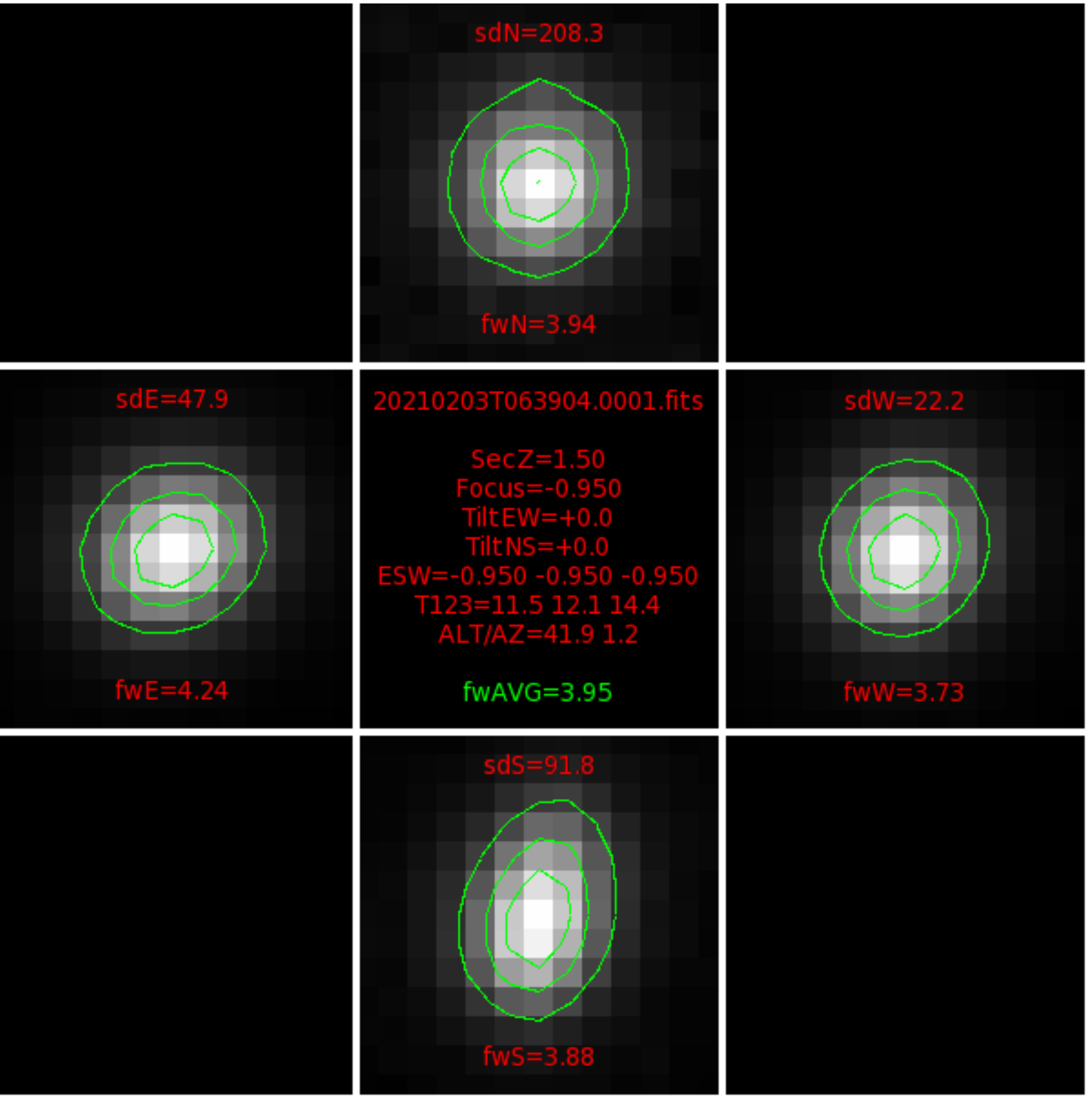
sdN=208.3
fwN=3.94
sdE=47.9
fwE=4.24
20210203T063904.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.9 1.2
fwAVG=3.95
sdW=22.2
fwW=3.73
sdS=91.8
fwS=3.88
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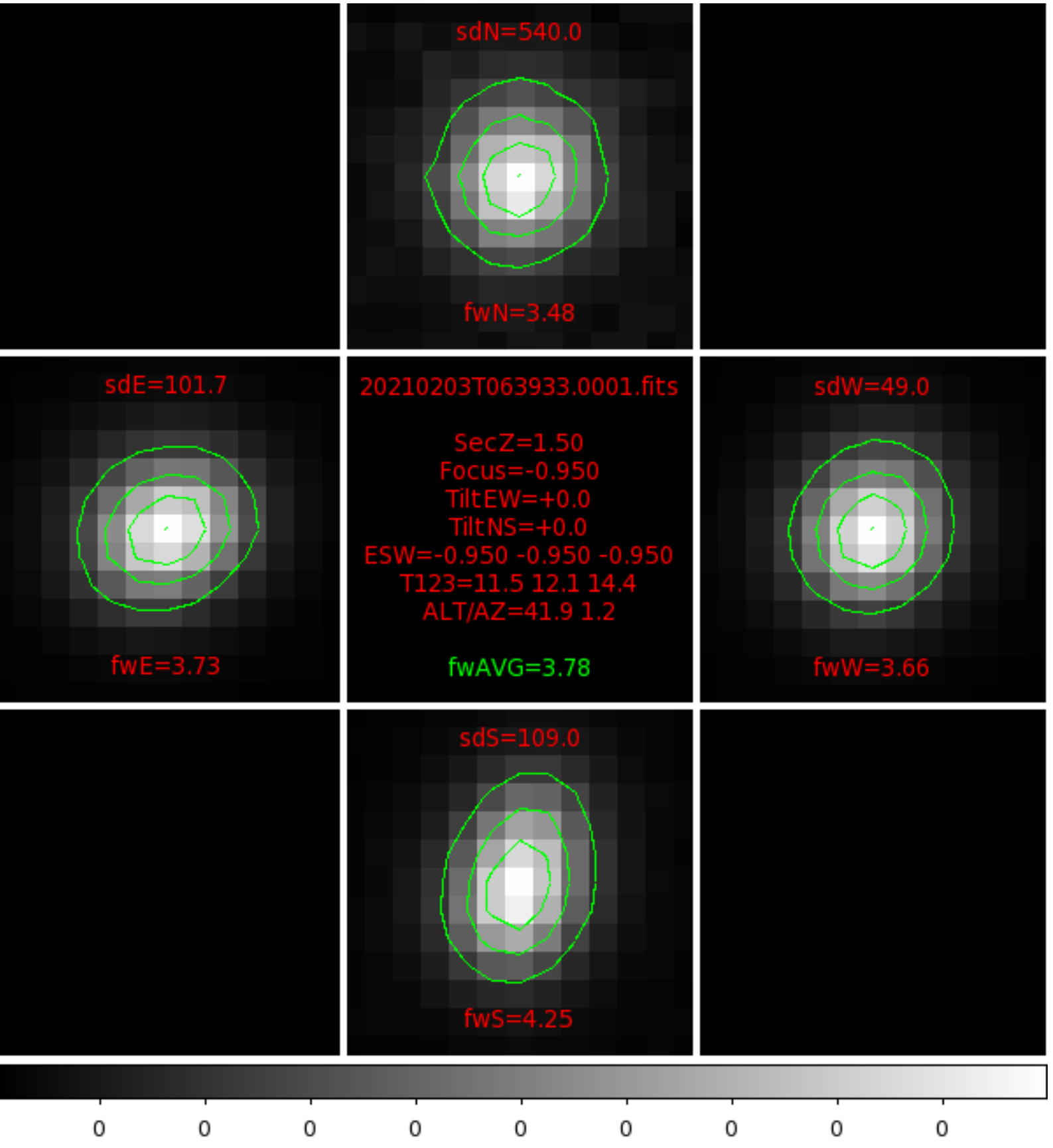
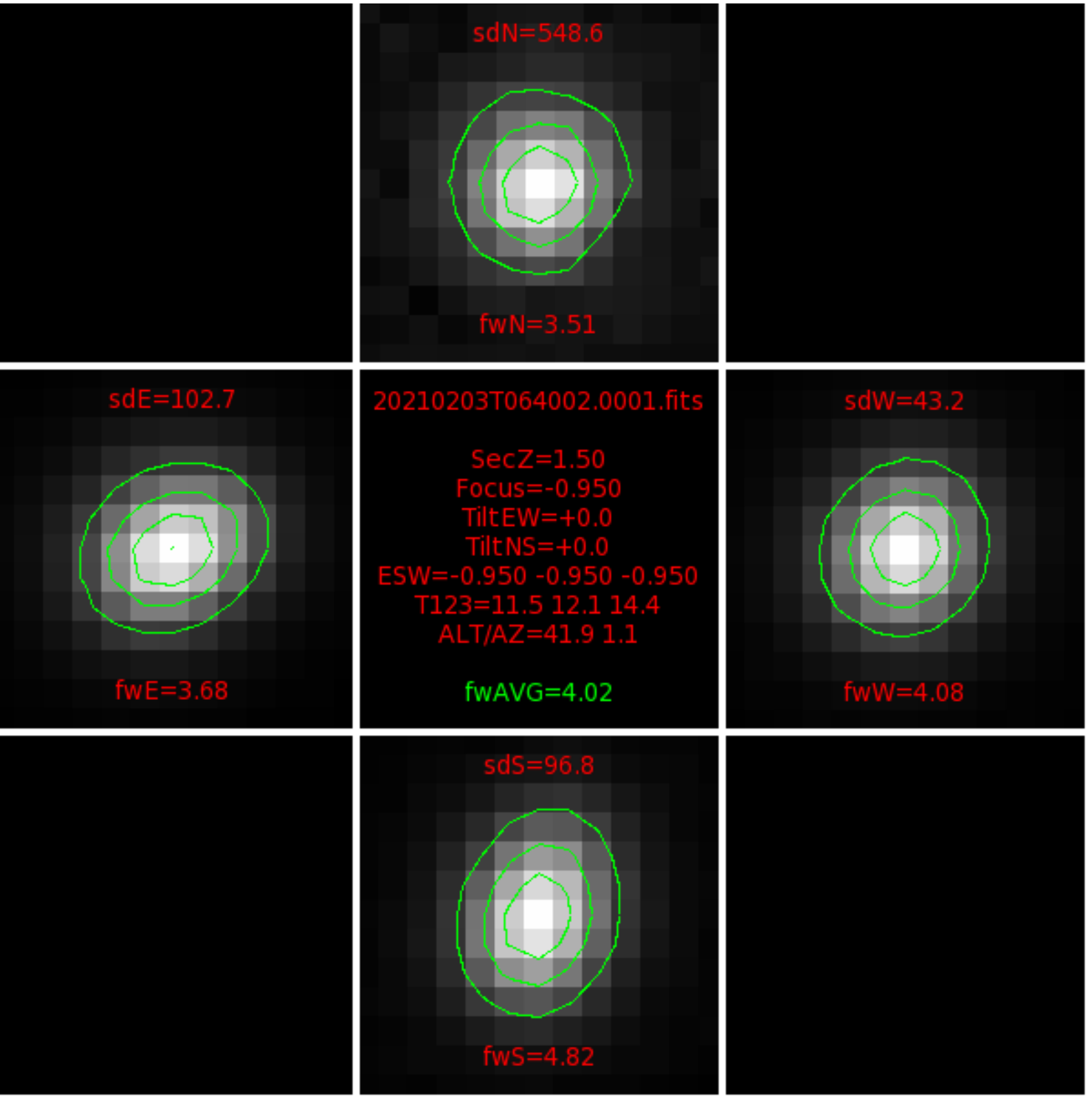

sdN=540.0
fwN=3.48
sdE=101.7
fwE=3.73
20210203T063933.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.9 1.2
fwAVG=3.78
sdW=49.0
fwW=3.66
sdS=109.0
fwS=4.25
0 0 0 0 0 0 0 0 0


sdN=548.6
fwN=3.51
sdE=102.7
fwE=3.68
20210203T064002.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.9 1.1
fwAVG=4.02
sdW=43.2
fwW=4.08
sdS=96.8
fwS=4.82
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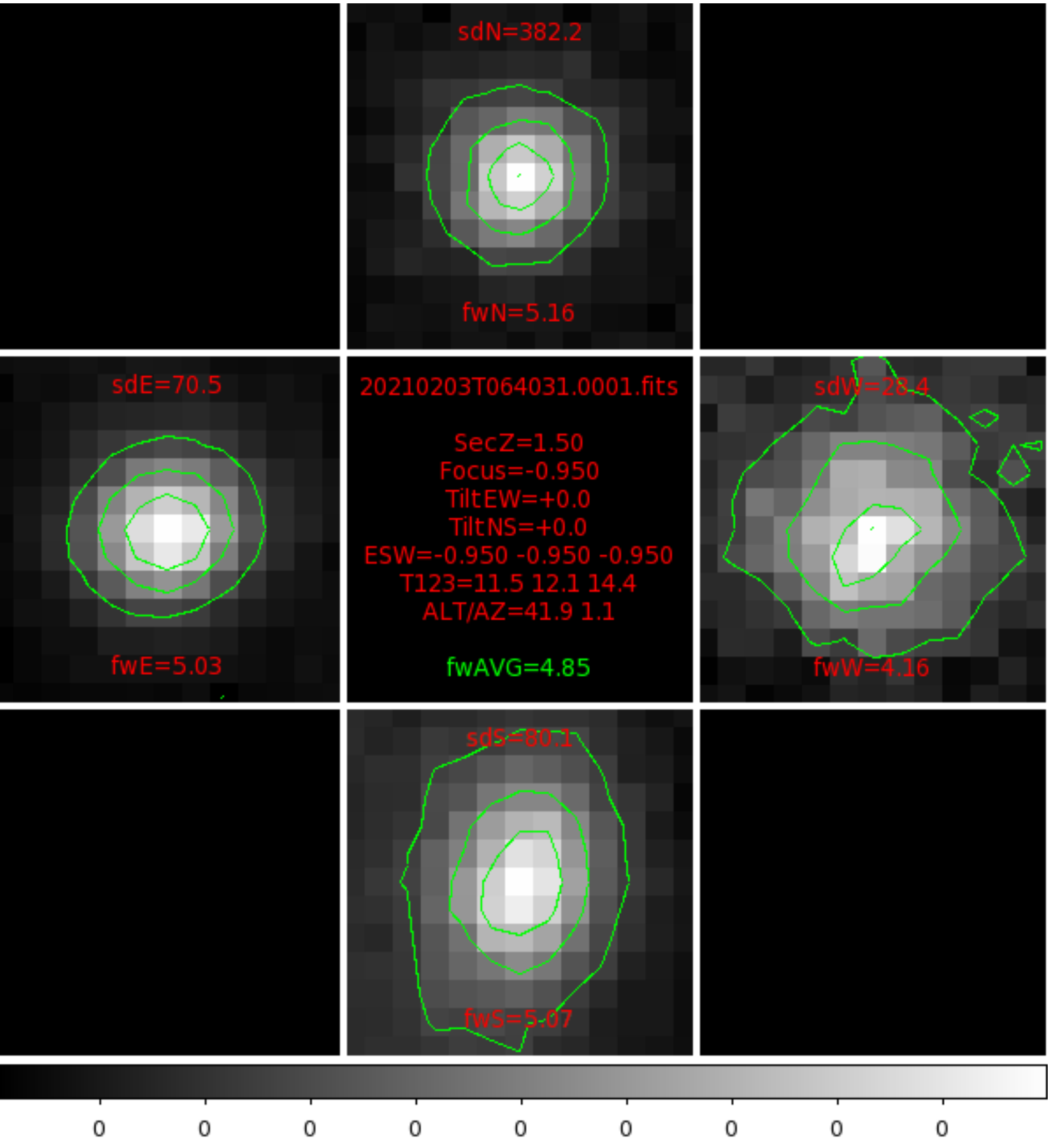
sdN=382.2
fwN=5.16
sdE=70.5
fwE=5.03
20210203T064031.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.9 1.1
fwAVG=4.85
sdW=28.4
fwW=4.16
sdS=80.1
fwS=5.07
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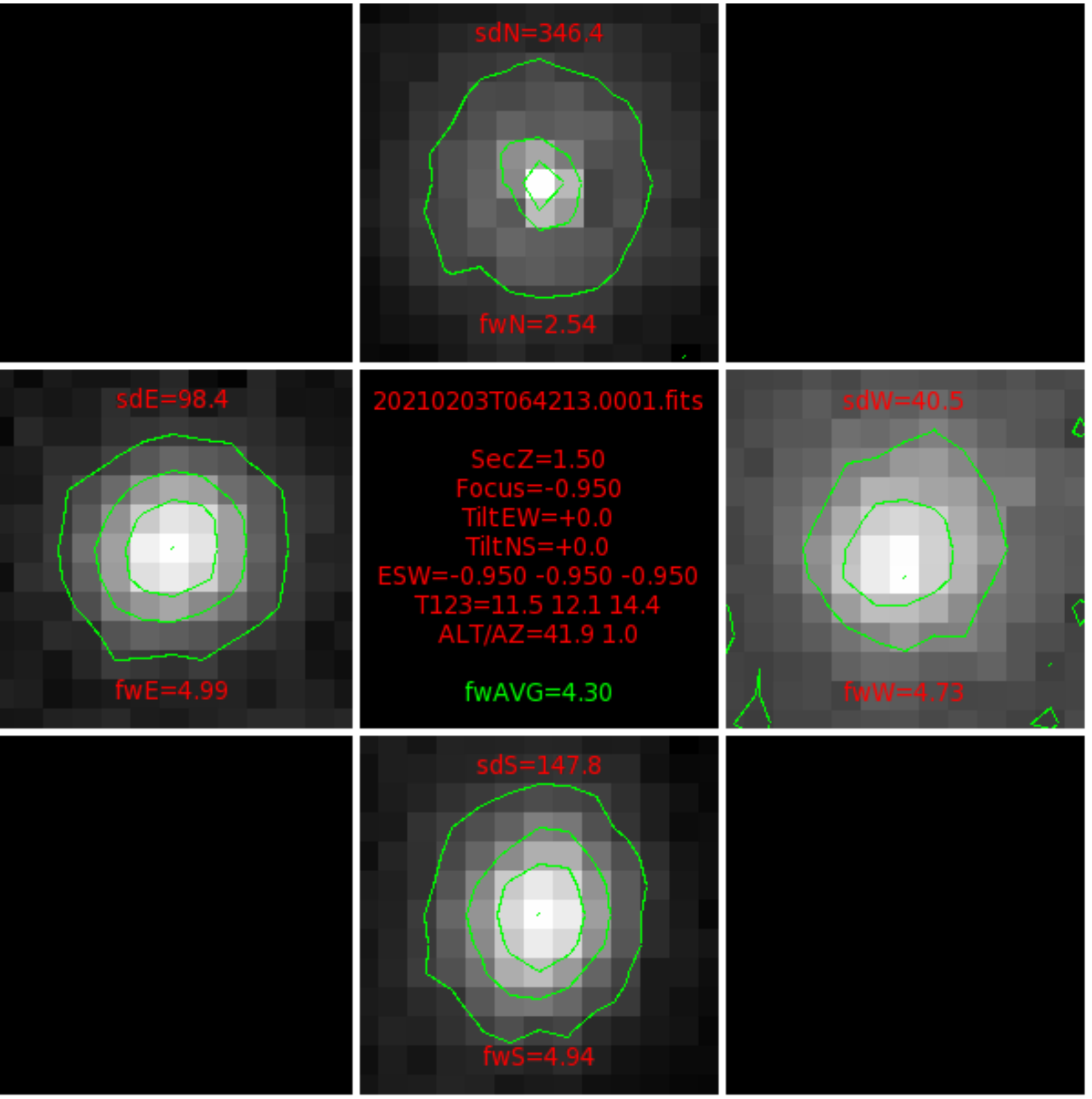
sdN=346.4
fwN=2.54
sdE=98.4
fwE=4.99
20210203T064213.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.4
ALT/AZ=41.9 1.0
fwAVG=4.30
sdW=40.5
fwW=4.73
sdS=147.8
fwS=4.94
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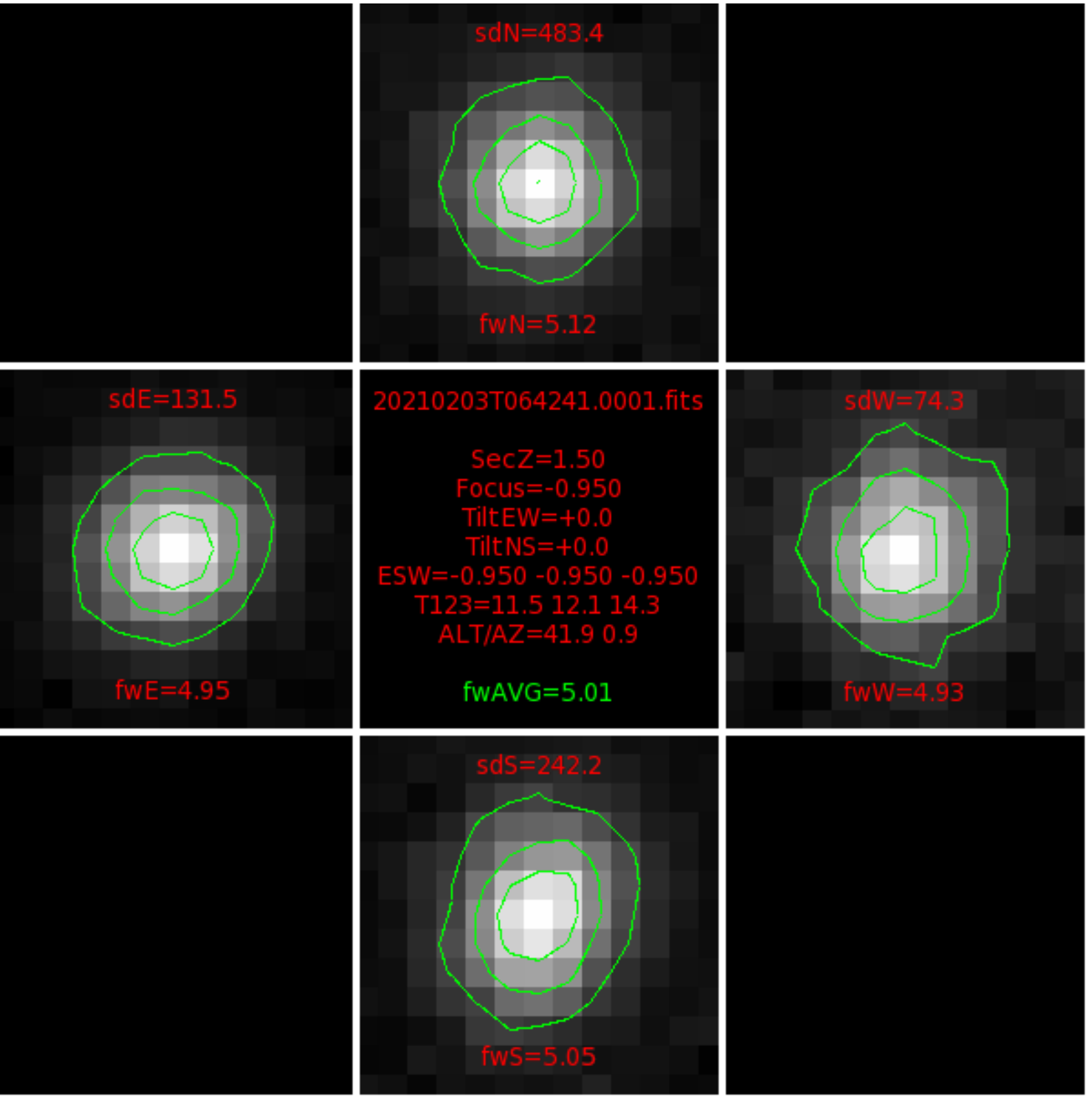
sdN=483.4
fwN=5.12
sdE=131.5
fwE=4.95
20210203T064241.0001.fits
SecZ=1.50
Focus=-0.950
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.950 -0.950 -0.950
T123=11.5 12.1 14.3
ALT/AZ=41.9 0.9
fwAVG=5.01
sdW=74.3
fwW=4.93
sdS=242.2
fwS=5.05
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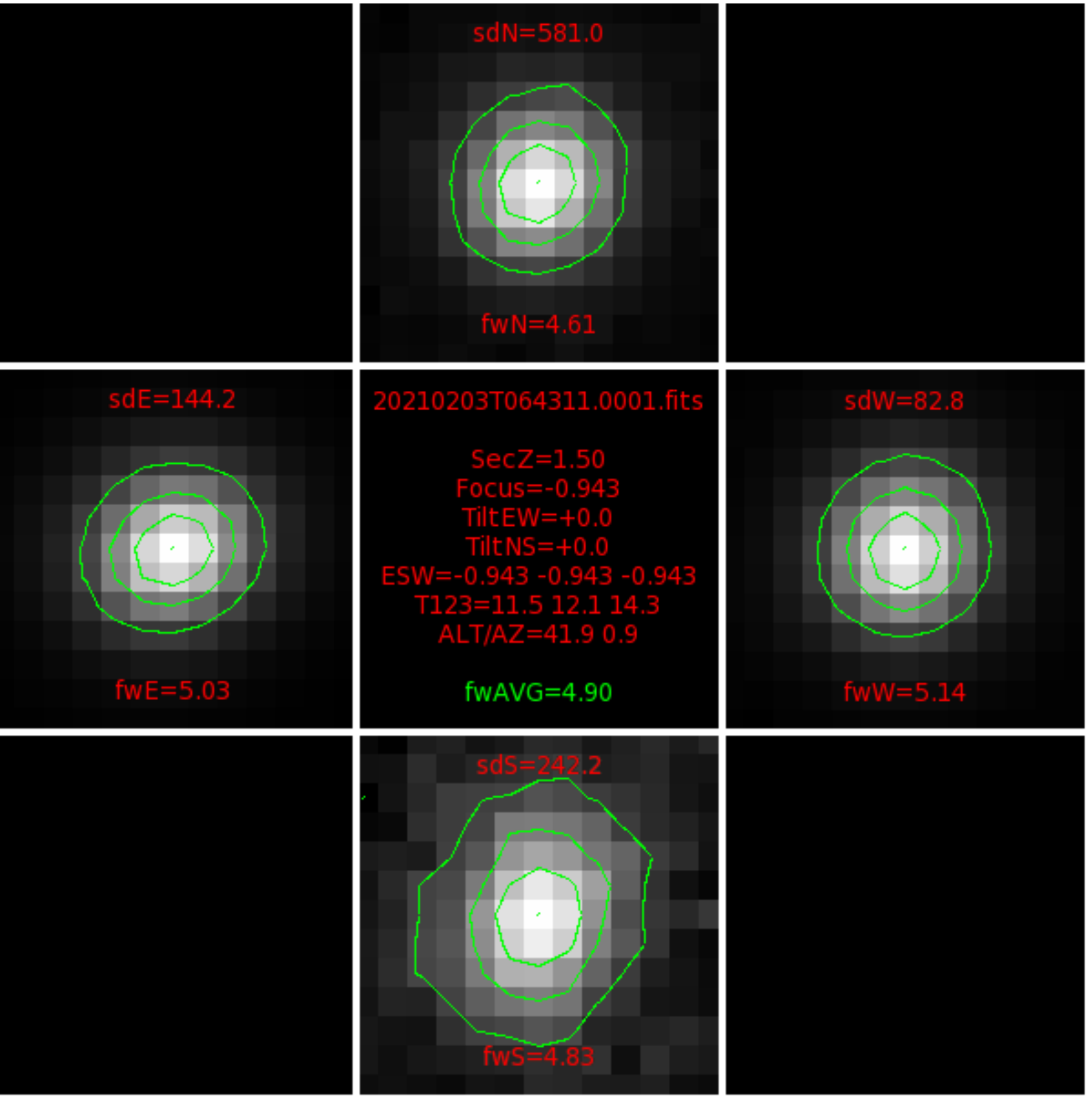
sdN=581.0
fwN=4.61
sdE=144.2
fwE=5.03
20210203T064311.0001.fits
SecZ=1.50
Focus=-0.943
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.943 -0.943 -0.943
T123=11.5 12.1 14.3
ALT/AZ=41.9 0.9
fwAVG=4.90
sdW=82.8
fwW=5.14
sdS=242.2
fwS=4.83
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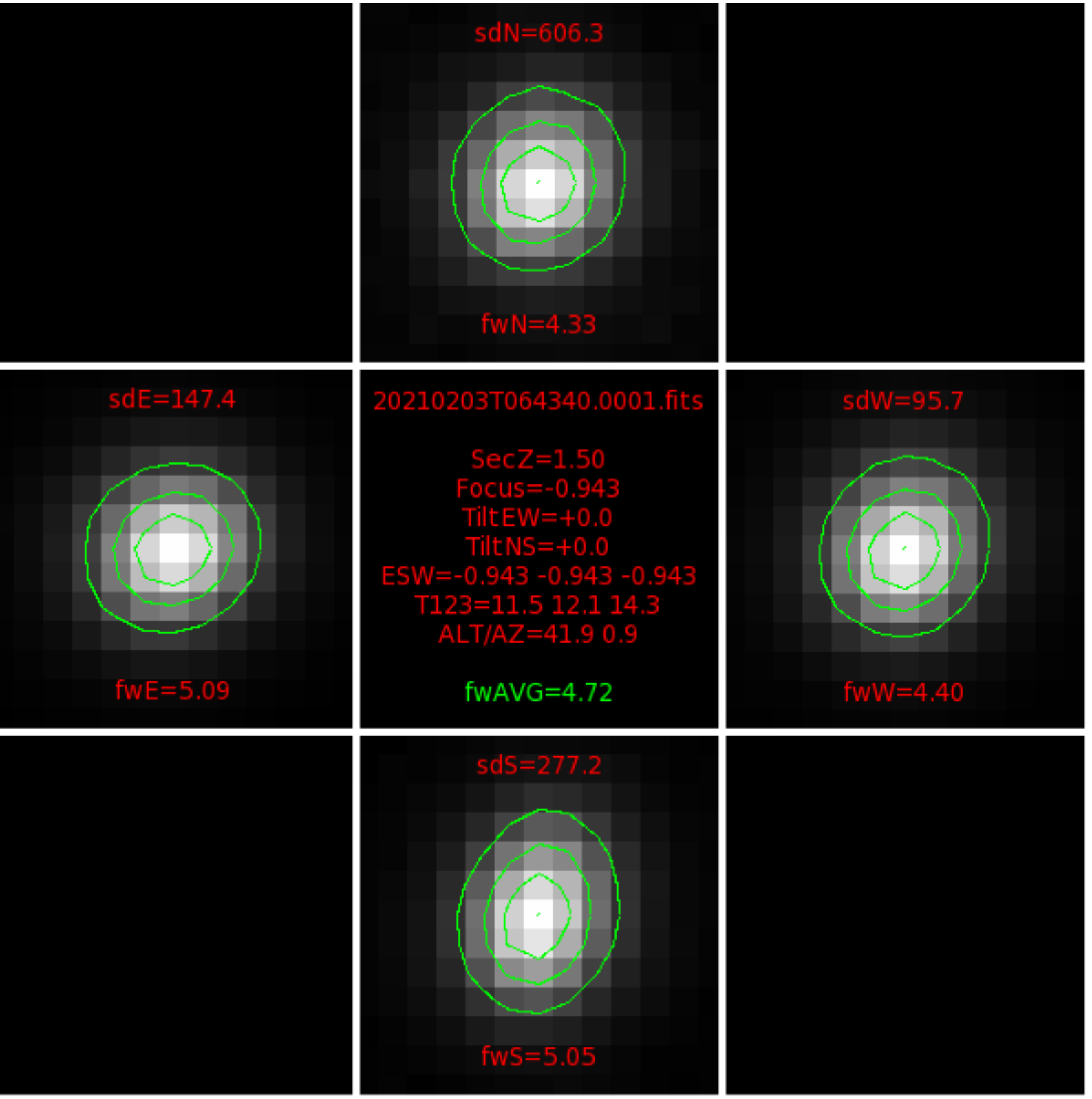
sdN=606.3
fwN=4.33
sdE=147.4
fwE=5.09
20210203T064340.0001.fits
SecZ=1.50
Focus=-0.943
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.943 -0.943 -0.943
T123=11.5 12.1 14.3
ALT/AZ=41.9 0.9
fwAVG=4.72
sdW=95.7
fwW=4.40
sdS=277.2
fwS=5.05
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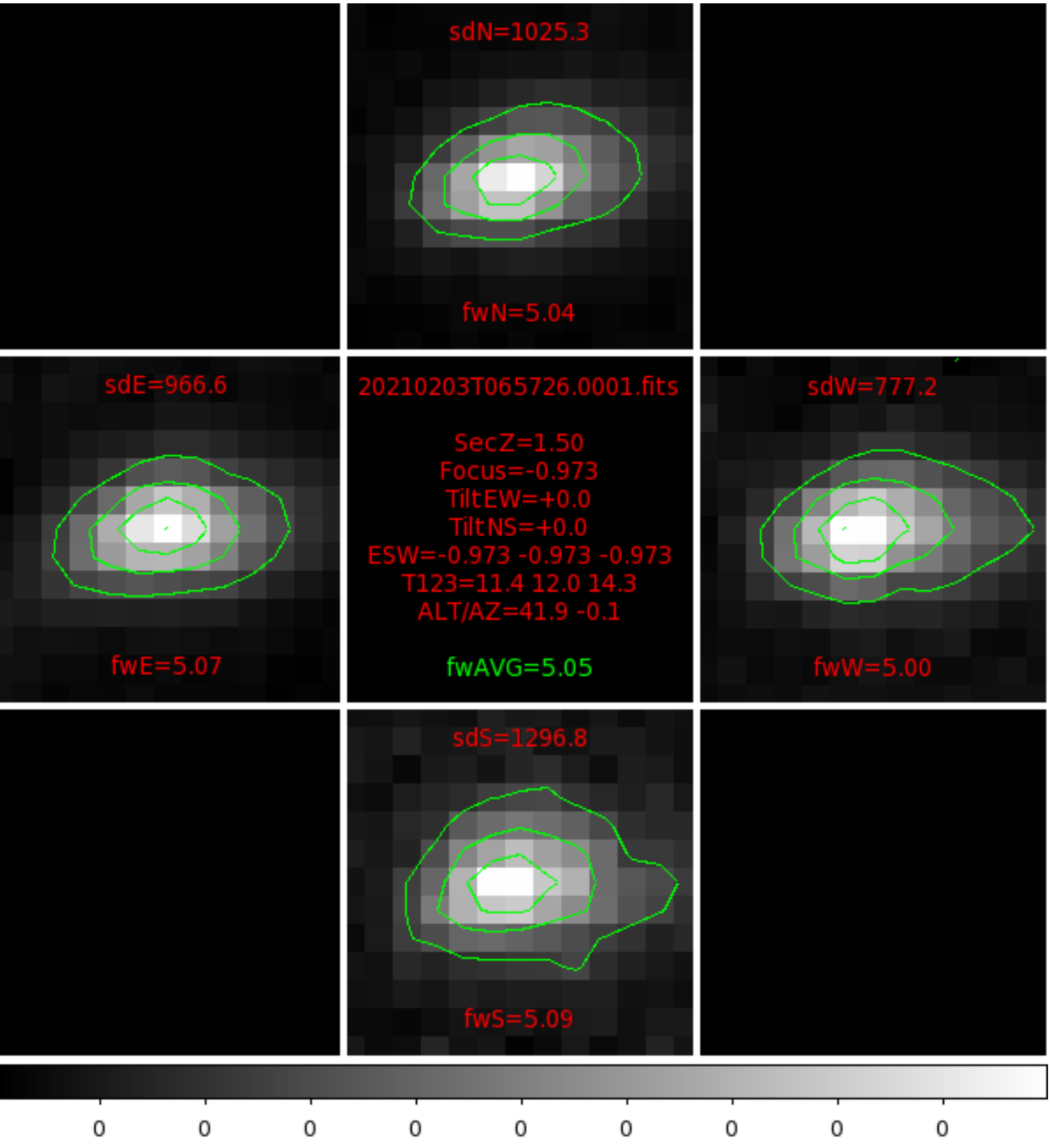
sdN=1025.3
fwN=5.04
sdE=966.6
fwE=5.07
20210203T065726.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.4 12.0 14.3
ALT/AZ=41.9 -0.1
fwAVG=5.05
sdW=777.2
fwW=5.00
sdS=1296.8
fwS=5.09
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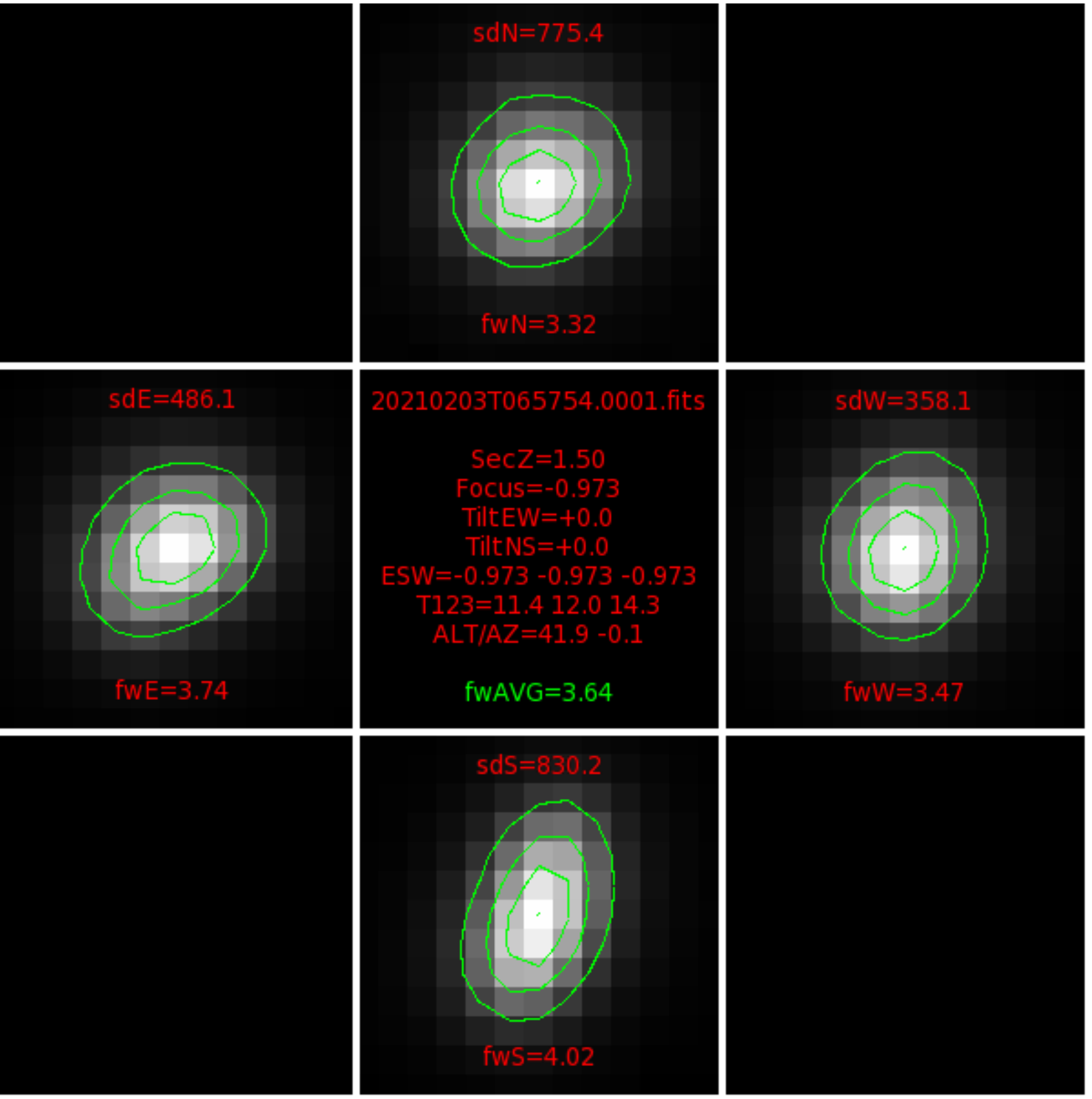
sdN=775.4
fwN=3.32
sdE=486.1
fwE=3.74
20210203T065754.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.4 12.0 14.3
ALT/AZ=41.9 -0.1
fwAVG=3.64
sdW=358.1
fwW=3.47
sdS=830.2
fwS=4.02
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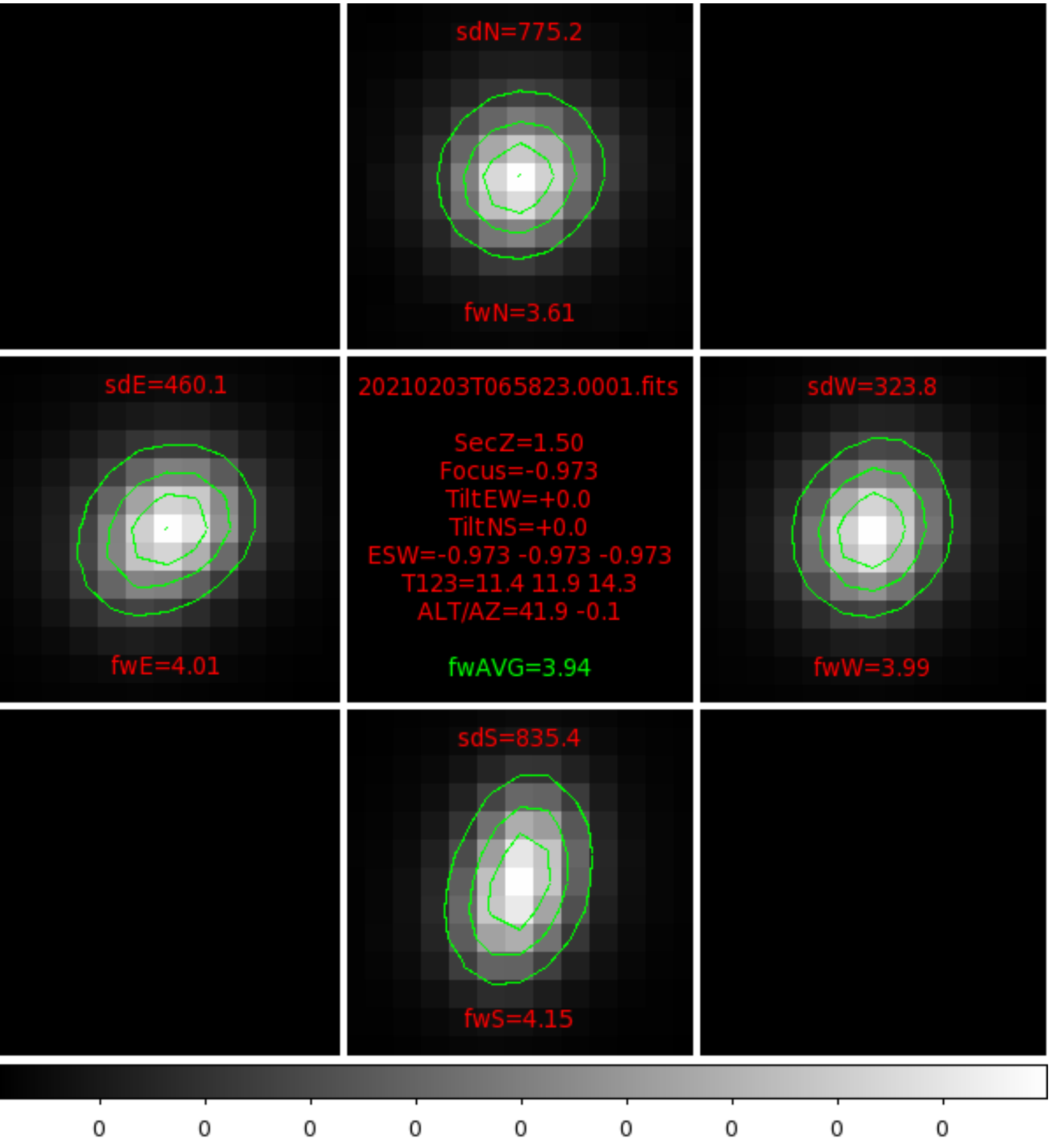
sdN=775.2
fwN=3.61
sdE=460.1
fwE=4.01
20210203T065823.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.4 11.9 14.3
ALT/AZ=41.9 -0.1
fwAVG=3.94
sdW=323.8
fwW=3.99
sdS=835.4
fwS=4.15
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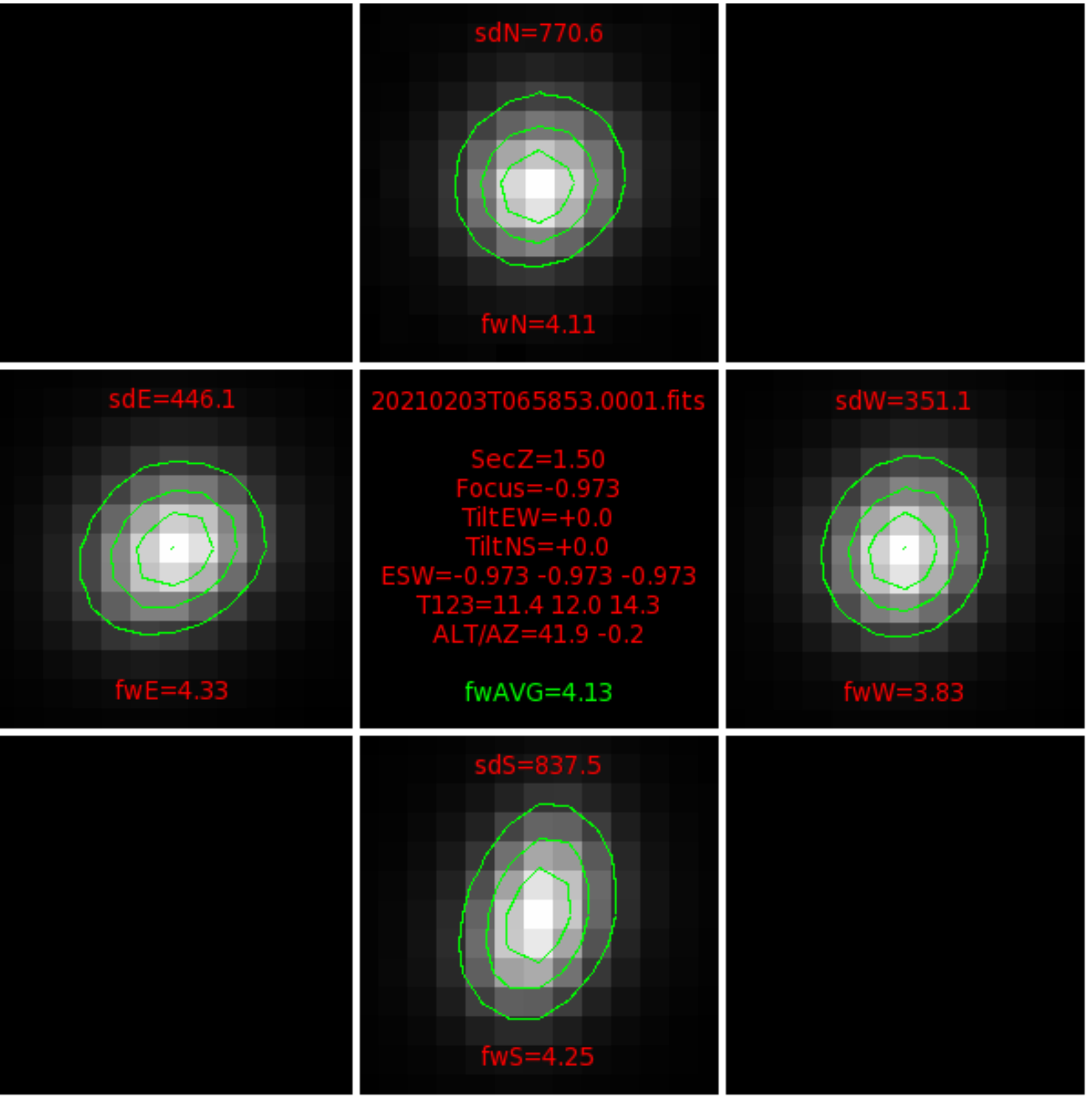
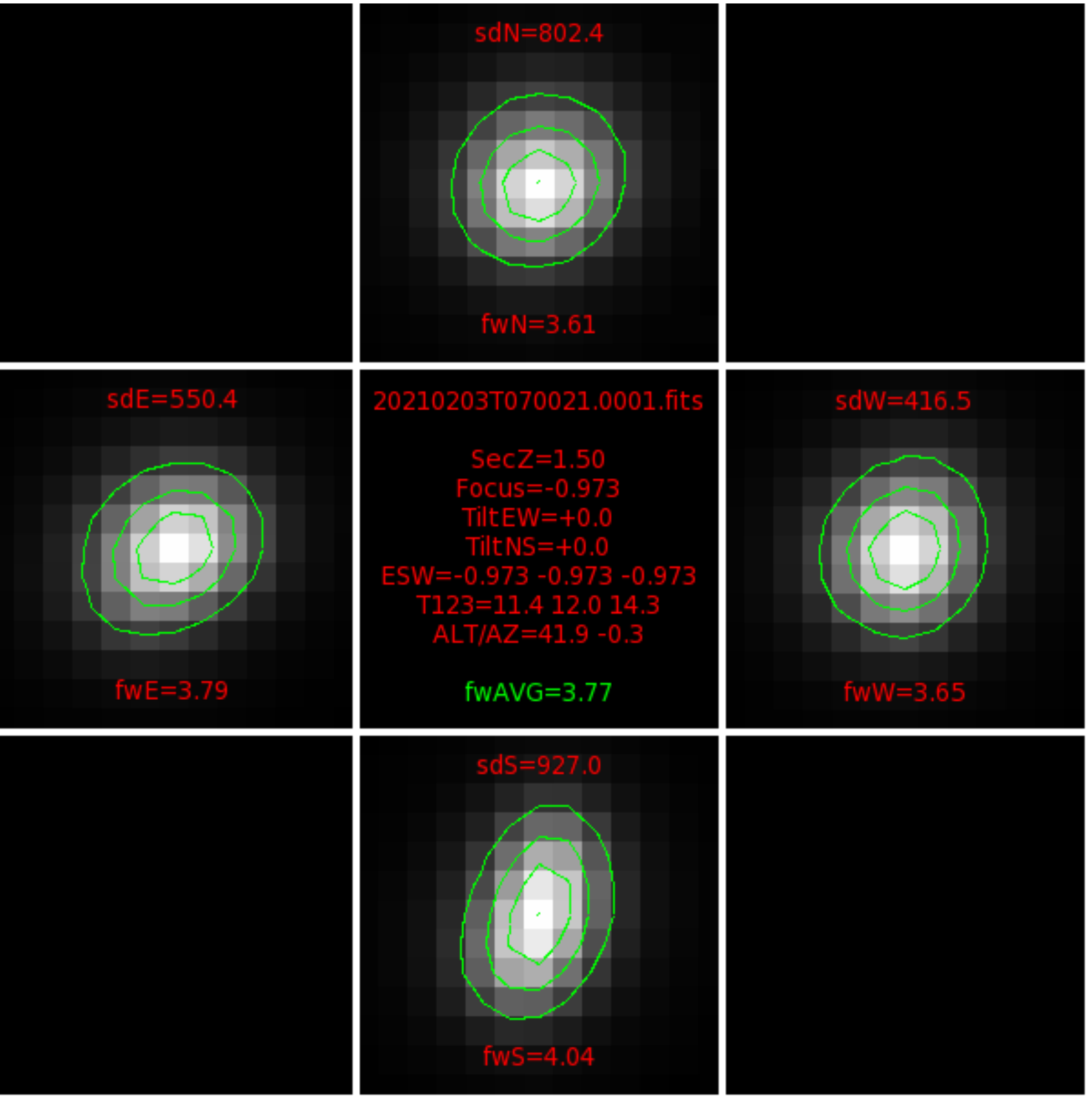

sdN=770.6
fwN=4.11
sdE=446.1
fwE=4.33
20210203T065853.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.4 12.0 14.3
ALT/AZ=41.9 -0.2
fwAVG=4.13
sdW=351.1
fwW=3.83
sdS=837.5
fwS=4.25
0 0 0 0 0 0 0 0 0


sdN=802.4
fwN=3.61
sdE=550.4
fwE=3.79
20210203T070021.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.4 12.0 14.3
ALT/AZ=41.9 -0.3
fwAVG=3.77
sdW=416.5
fwW=3.65
sdS=927.0
fwS=4.04
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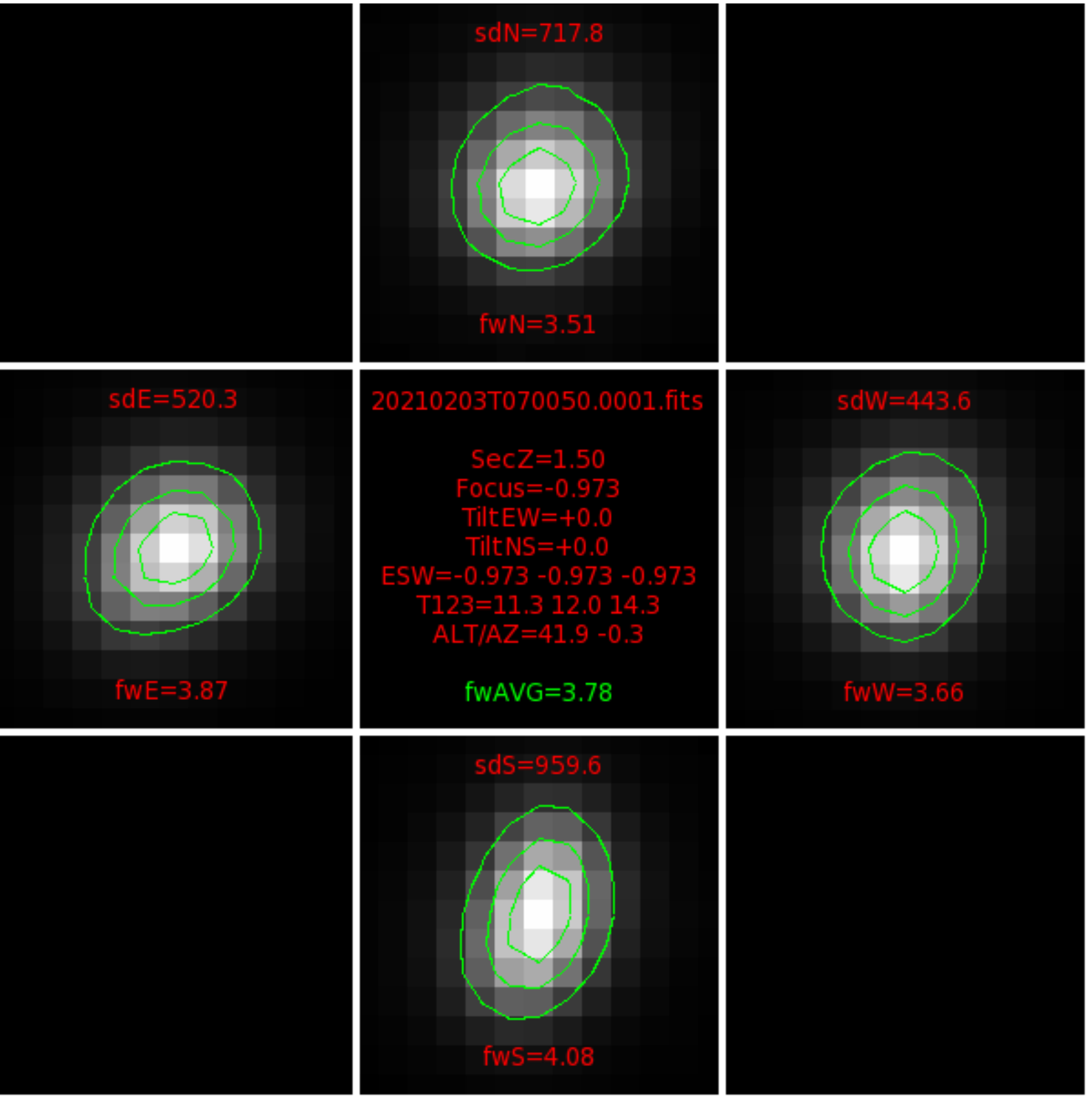
sdN=717.8
fwN=3.51
sdE=520.3
fwE=3.87
20210203T070050.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.3 12.0 14.3
ALT/AZ=41.9 -0.3
fwAVG=3.78
sdW=443.6
fwW=3.66
sdS=959.6
fwS=4.08
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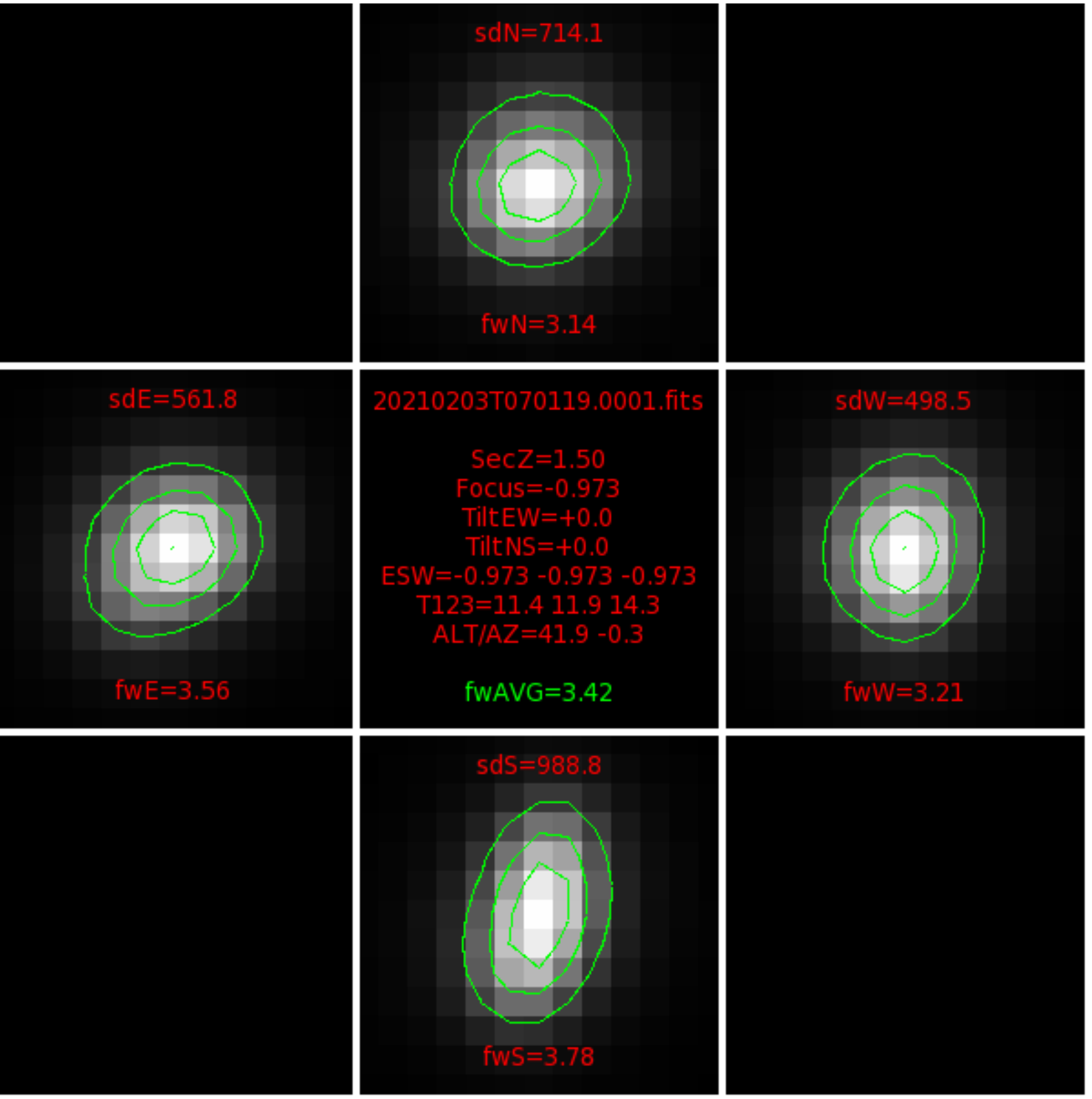
sdN=714.1
fwN=3.14
sdE=561.8
fwE=3.56
20210203T070119.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.4 11.9 14.3
ALT/AZ=41.9 -0.3
fwAVG=3.42
sdW=498.5
fwW=3.21
sdS=988.8
fwS=3.78
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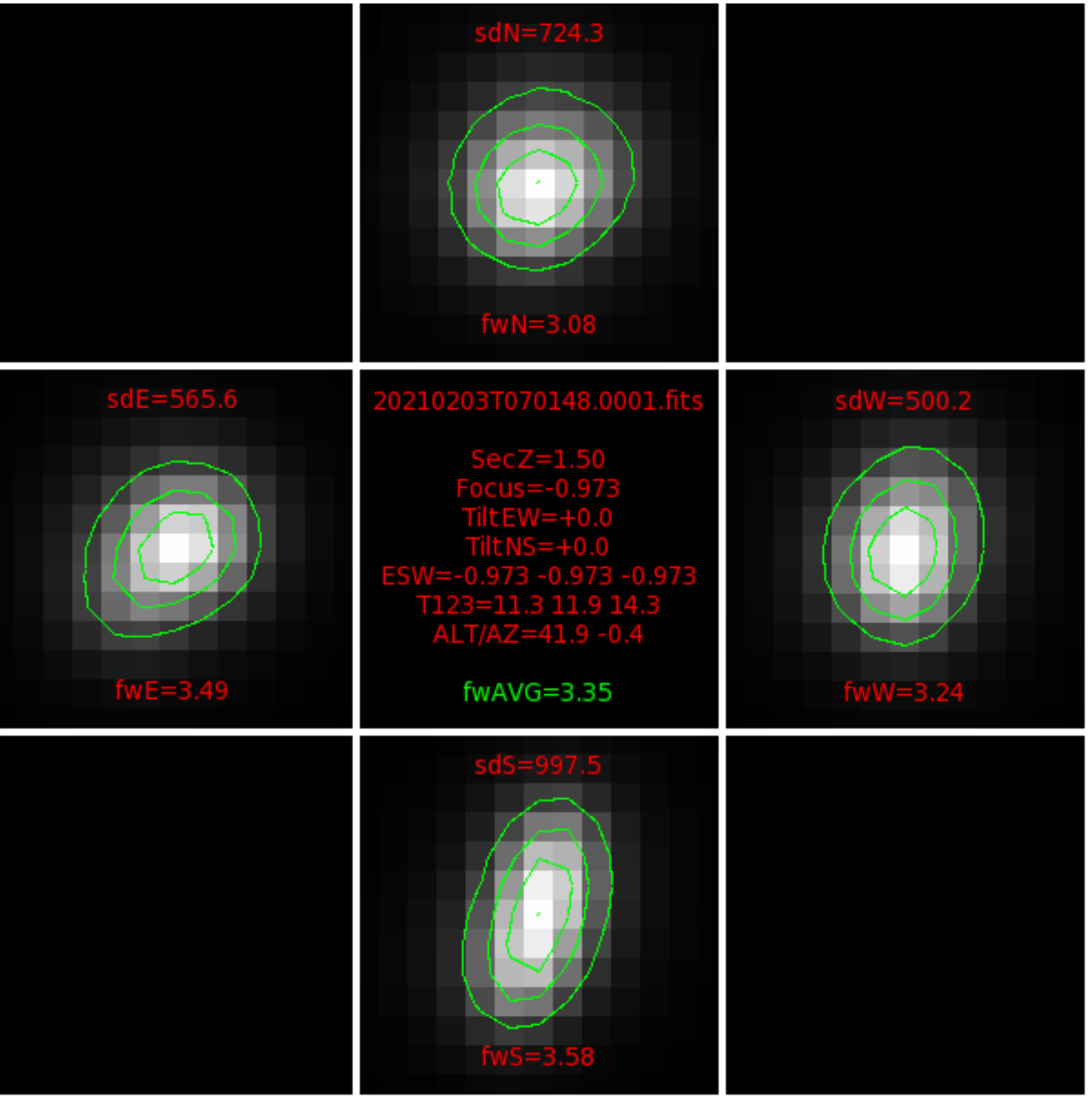
sdN=724.3
fwN=3.08
sdE=565.6
fwE=3.49
20210203T070148.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.3 11.9 14.3
ALT/AZ=41.9 -0.4
fwAVG=3.35
sdW=500.2
fwW=3.24
sdS=997.5
fwS=3.58
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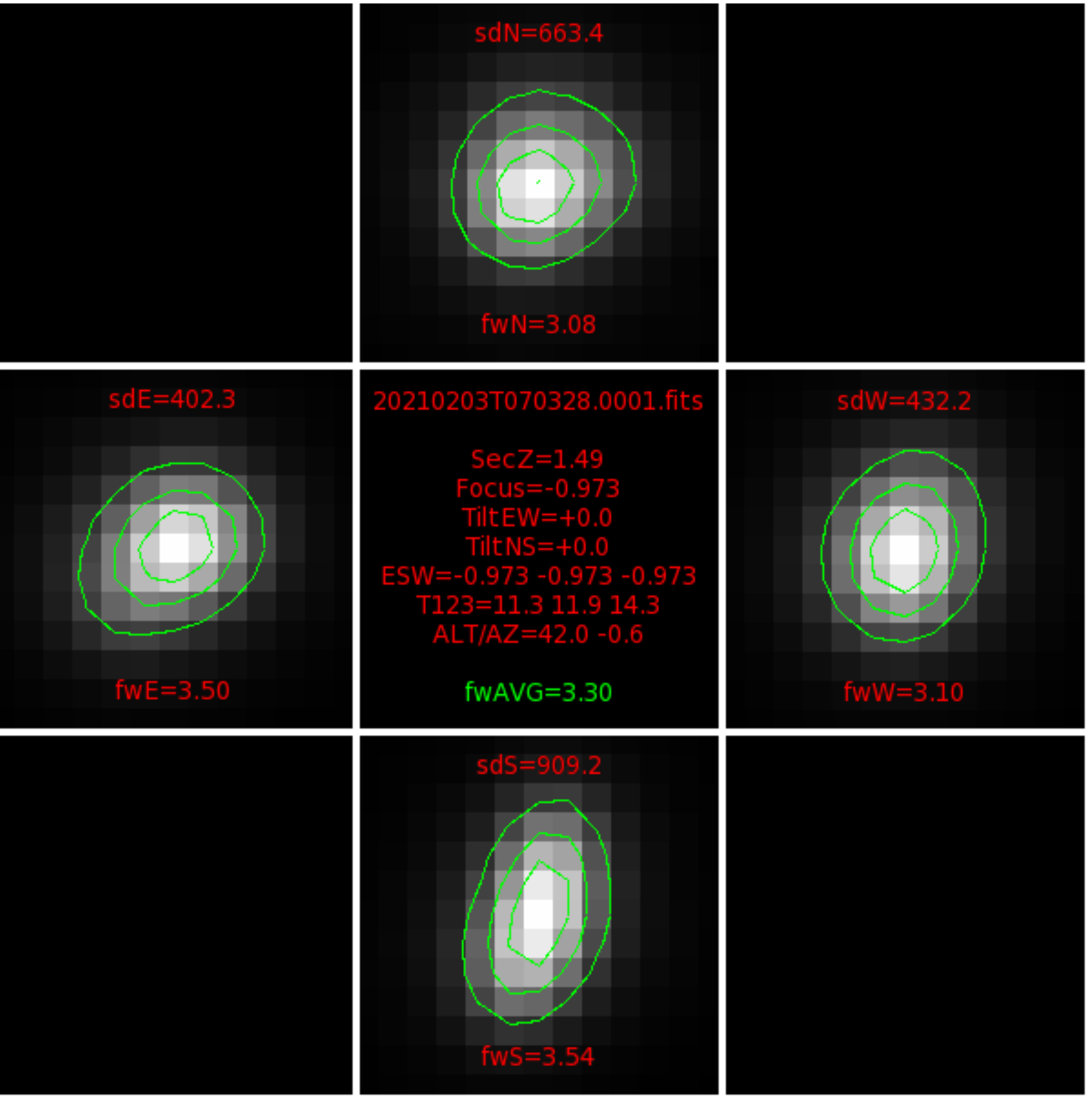
sdN=663.4
fwN=3.08
sdE=402.3
fwE=3.50
20210203T070328.0001.fits
SecZ=1.49
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.3 11.9 14.3
ALT/AZ=42.0 -0.6
fwAVG=3.30
sdW=432.2
fwW=3.10
sdS=909.2
fwS=3.54
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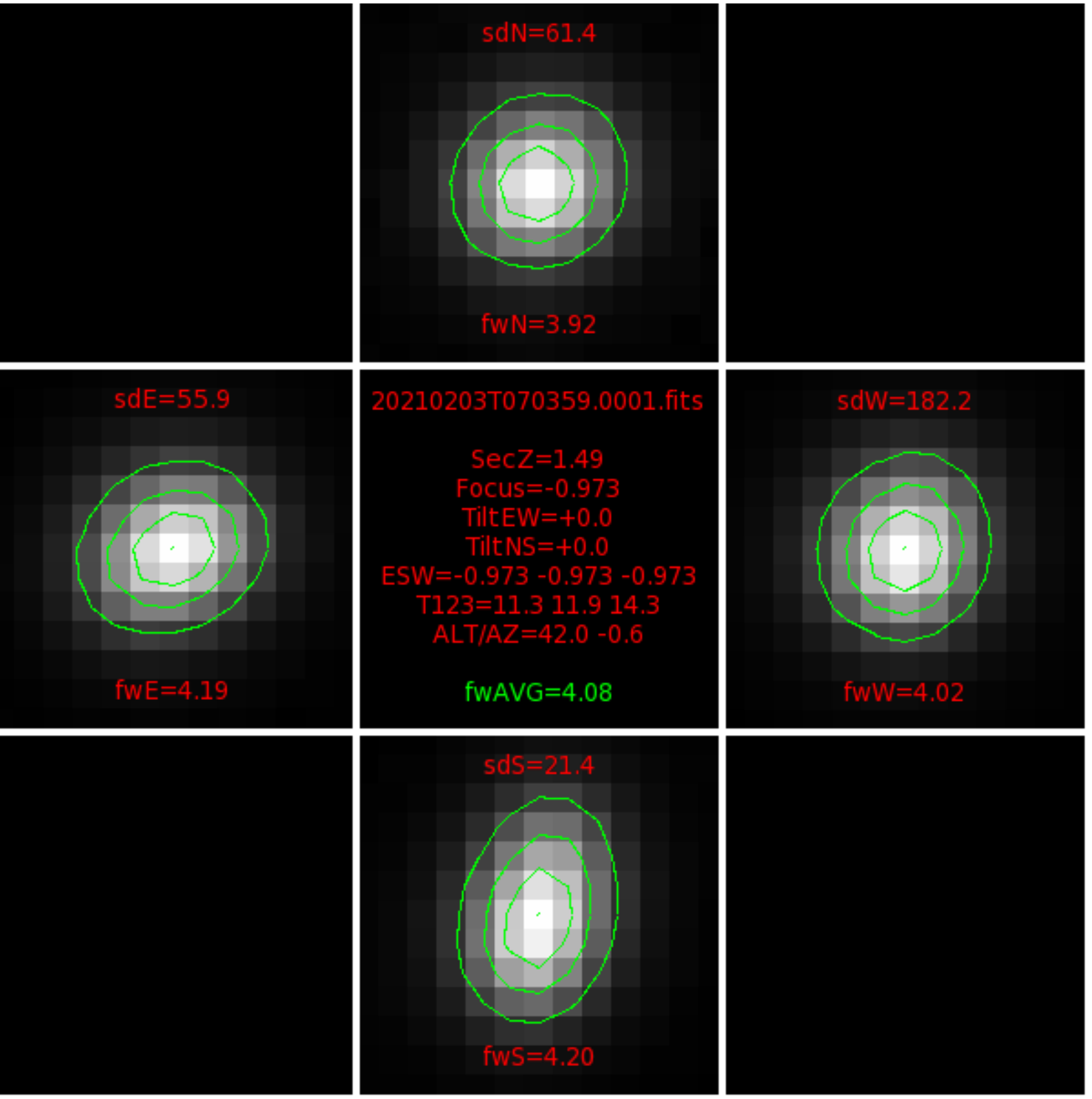
sdN=61.4
fwN=3.92
sdE=55.9
fwE=4.19
20210203T070359.0001.fits
SecZ=1.49
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.3 11.9 14.3
ALT/AZ=42.0 -0.6
fwAVG=4.08
sdW=182.2
fwW=4.02
sdS=21.4
fwS=4.20
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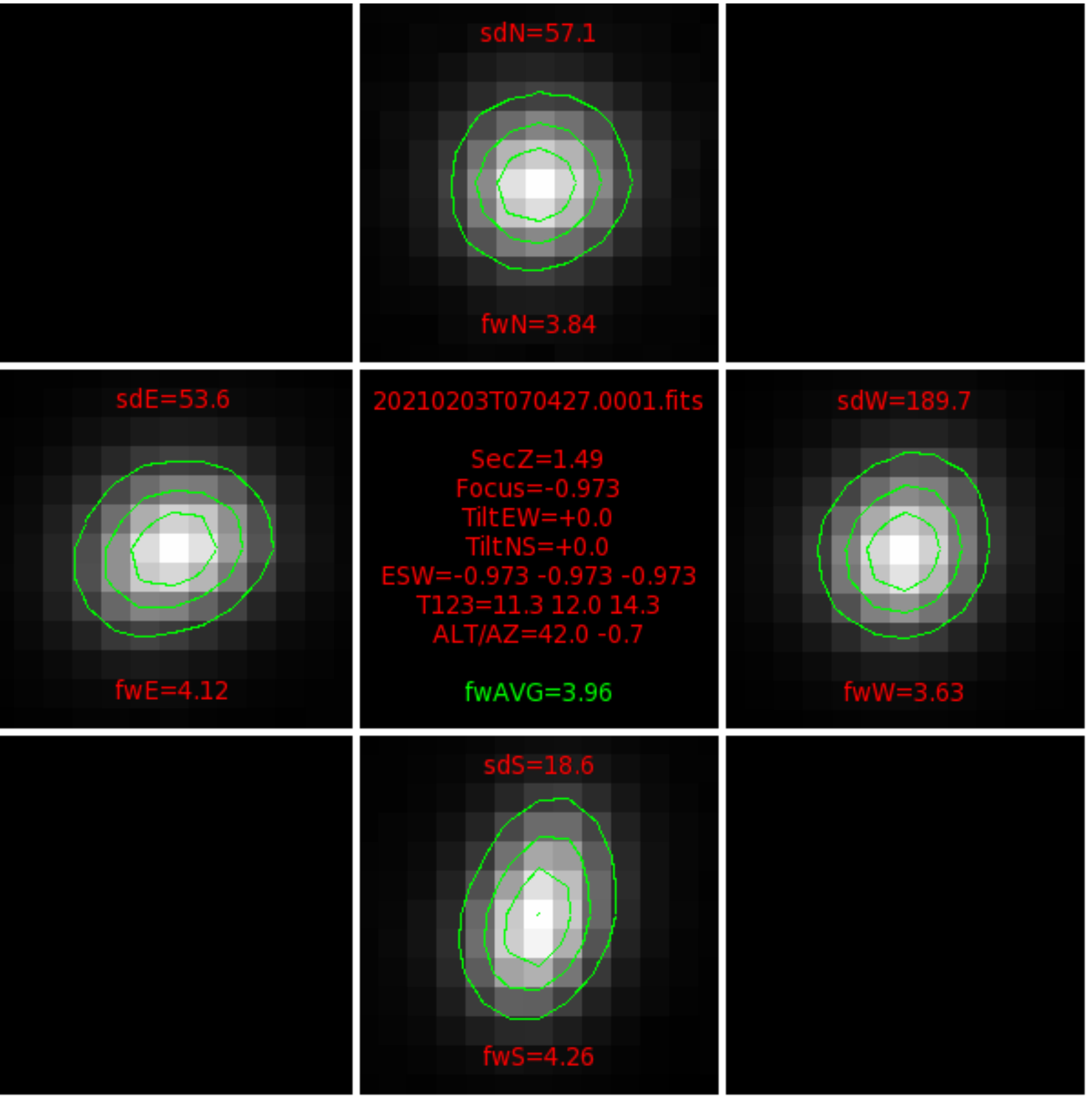
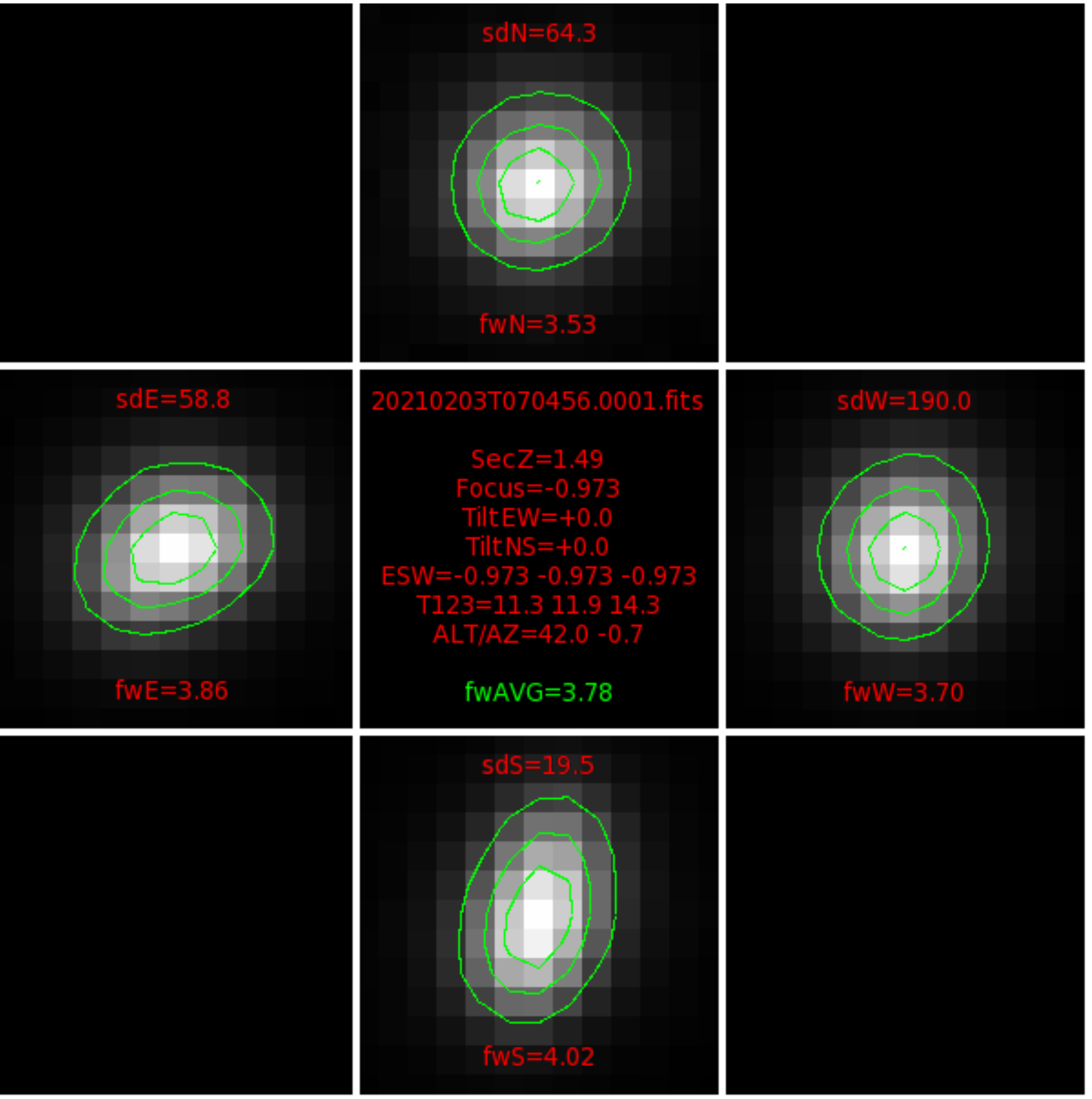
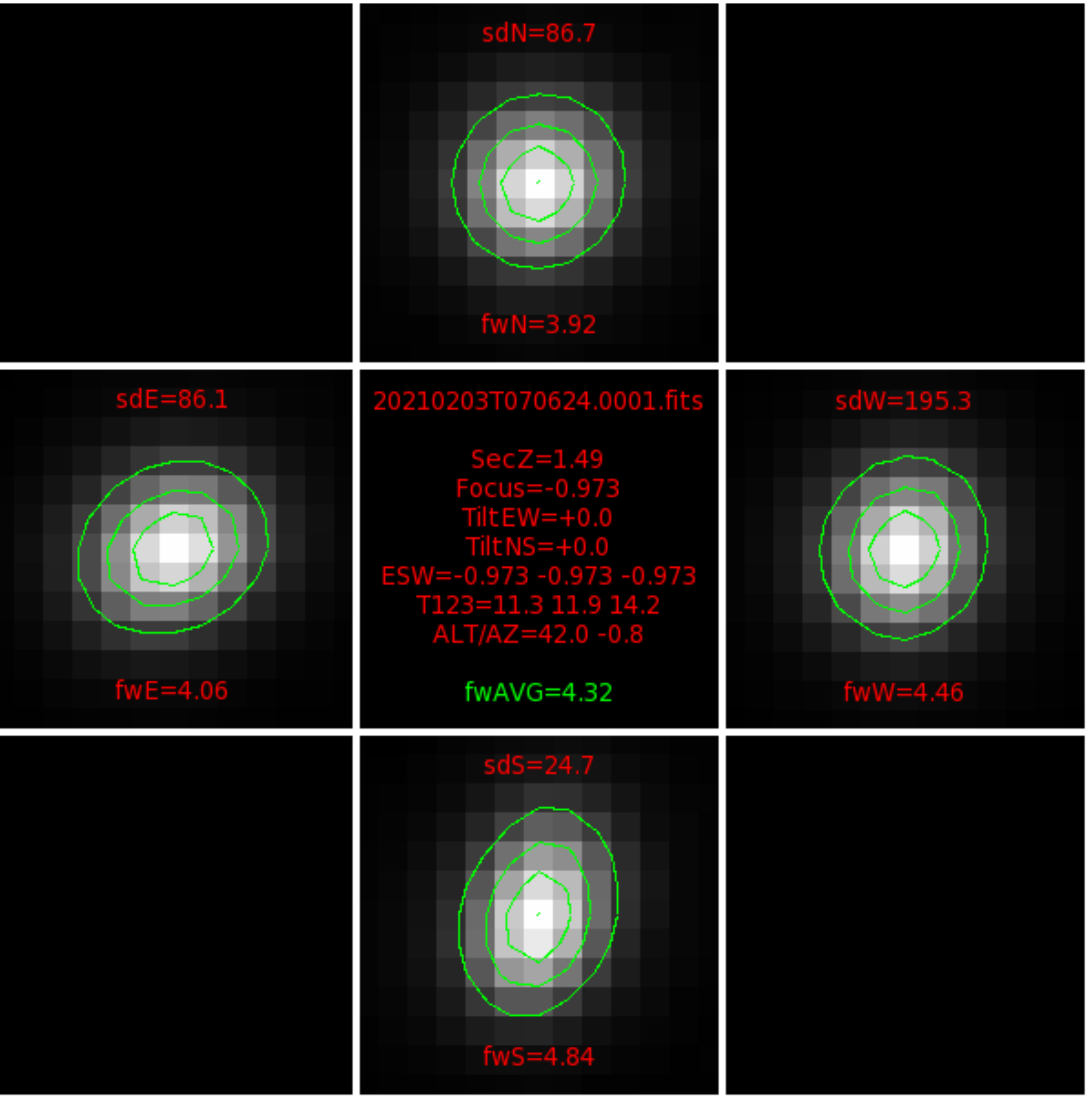
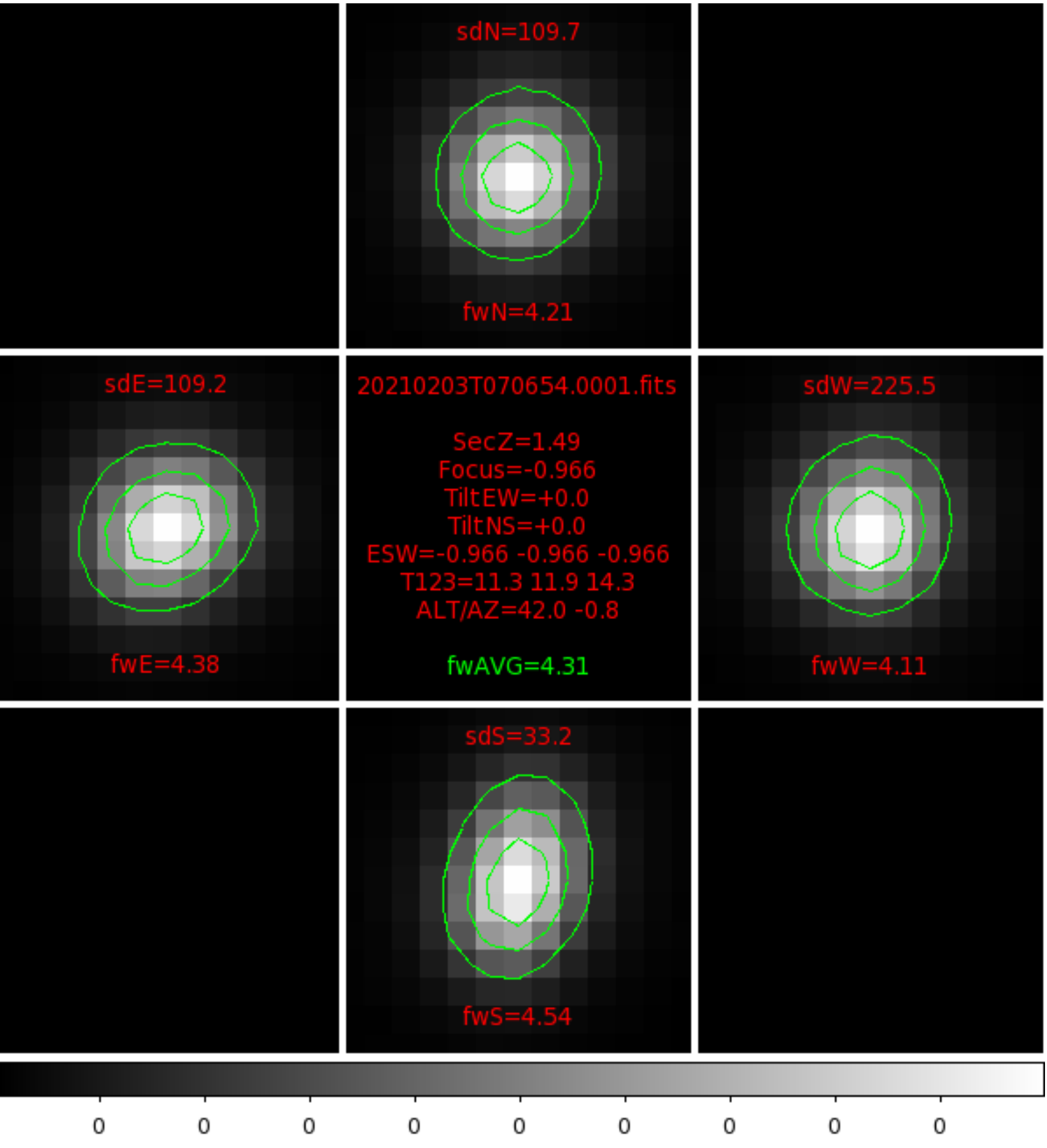
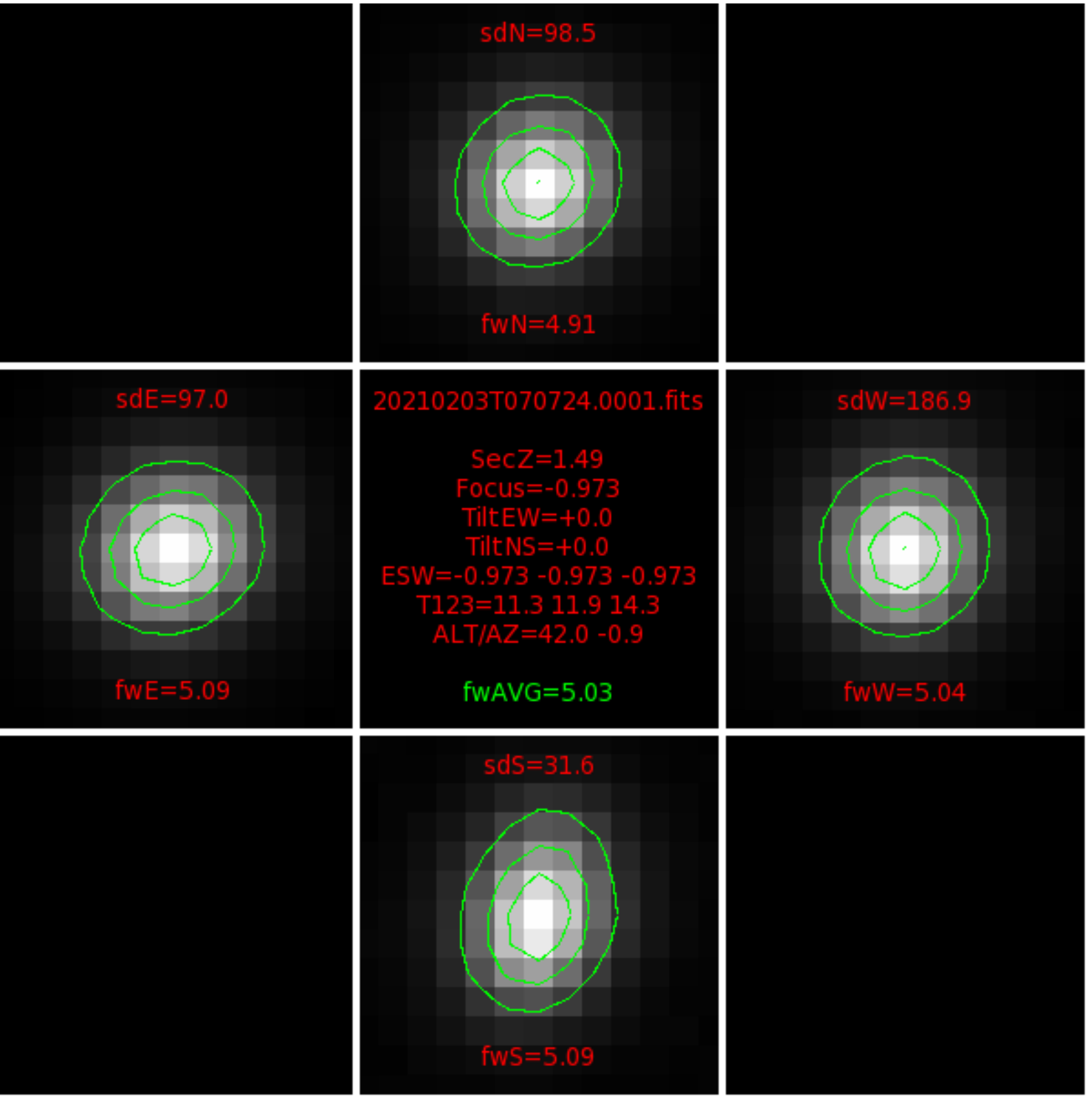
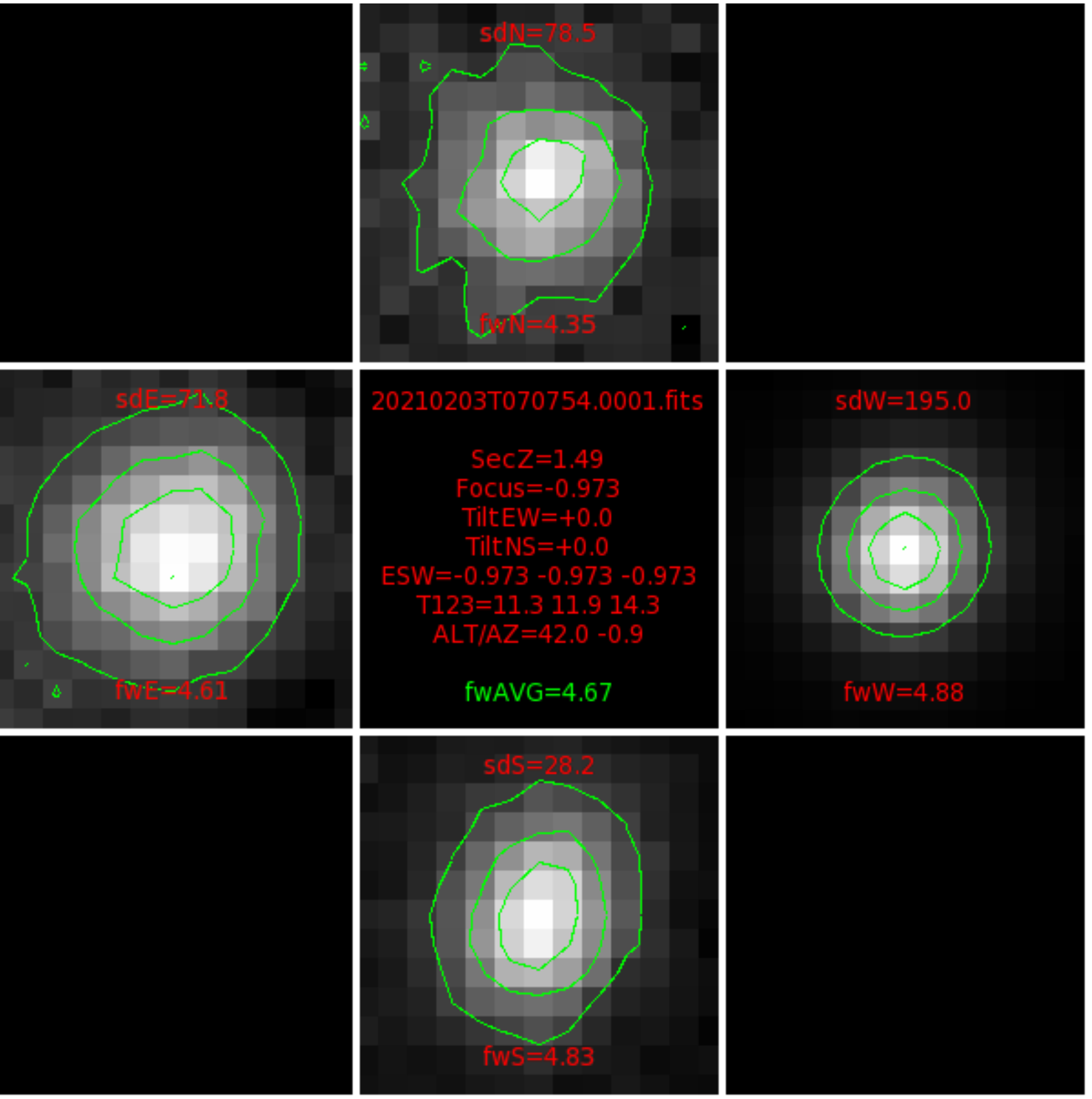

sdN=57.1
fwN=3.84
sdE=53.6
fwE=4.12
20210203T070427.0001.fits
SecZ=1.49
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.3 12.0 14.3
ALT/AZ=42.0 -0.7
fwAVG=3.96
sdW=189.7
fwW=3.63
sdS=18.6
fwS=4.26
0 0 0 0 0 0 0 0 0

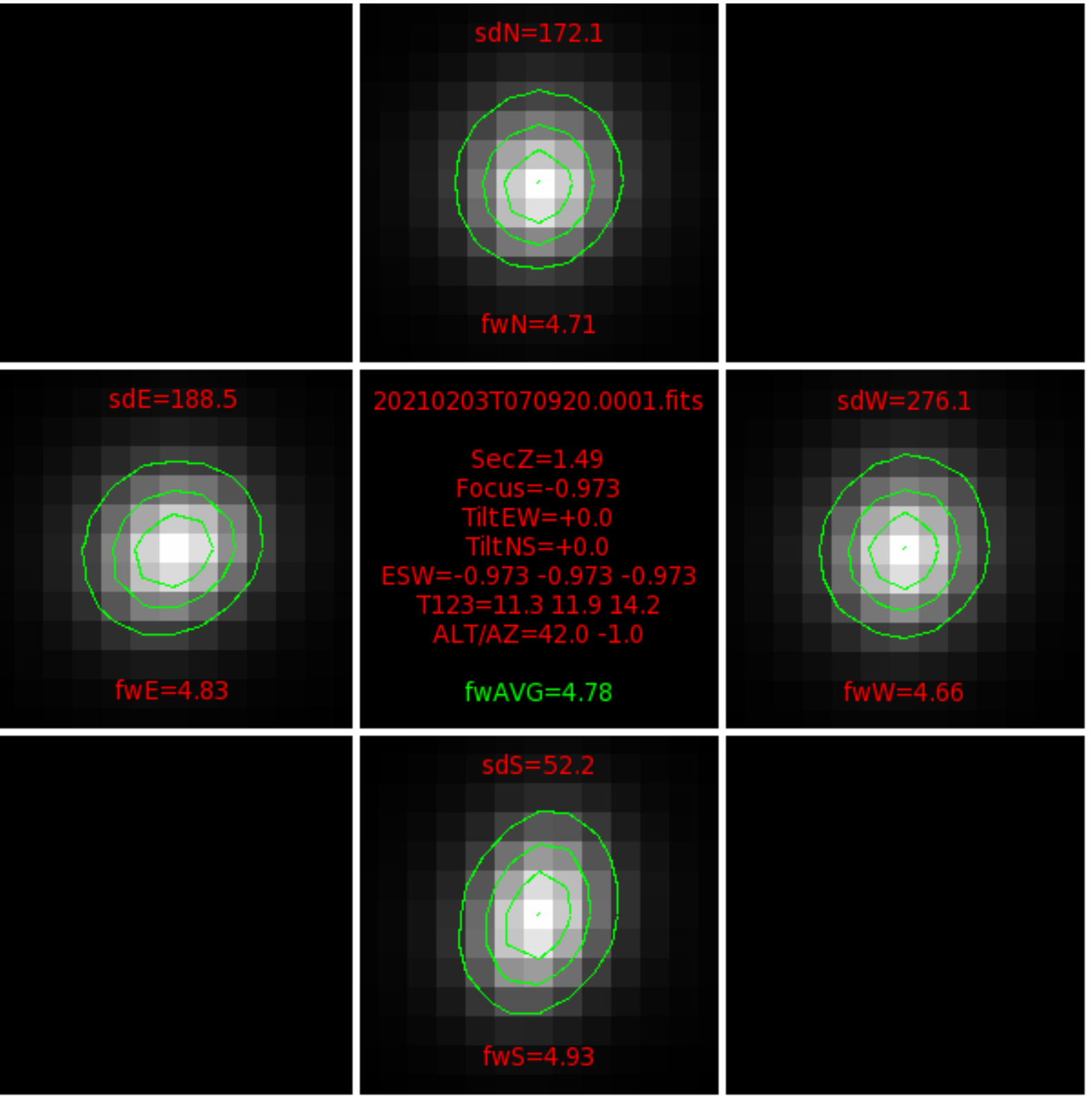

sdN=64.3
fwN=3.53
sdE=58.8
fwE=3.86
20210203T070456.0001.fits
SecZ=1.49
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.3 11.9 14.3
ALT/AZ=42.0 -0.7
fwAVG=3.78
sdW=190.0
fwW=3.70
sdS=19.5
fwS=4.02
0 0 0 0 0 0 0 0 0

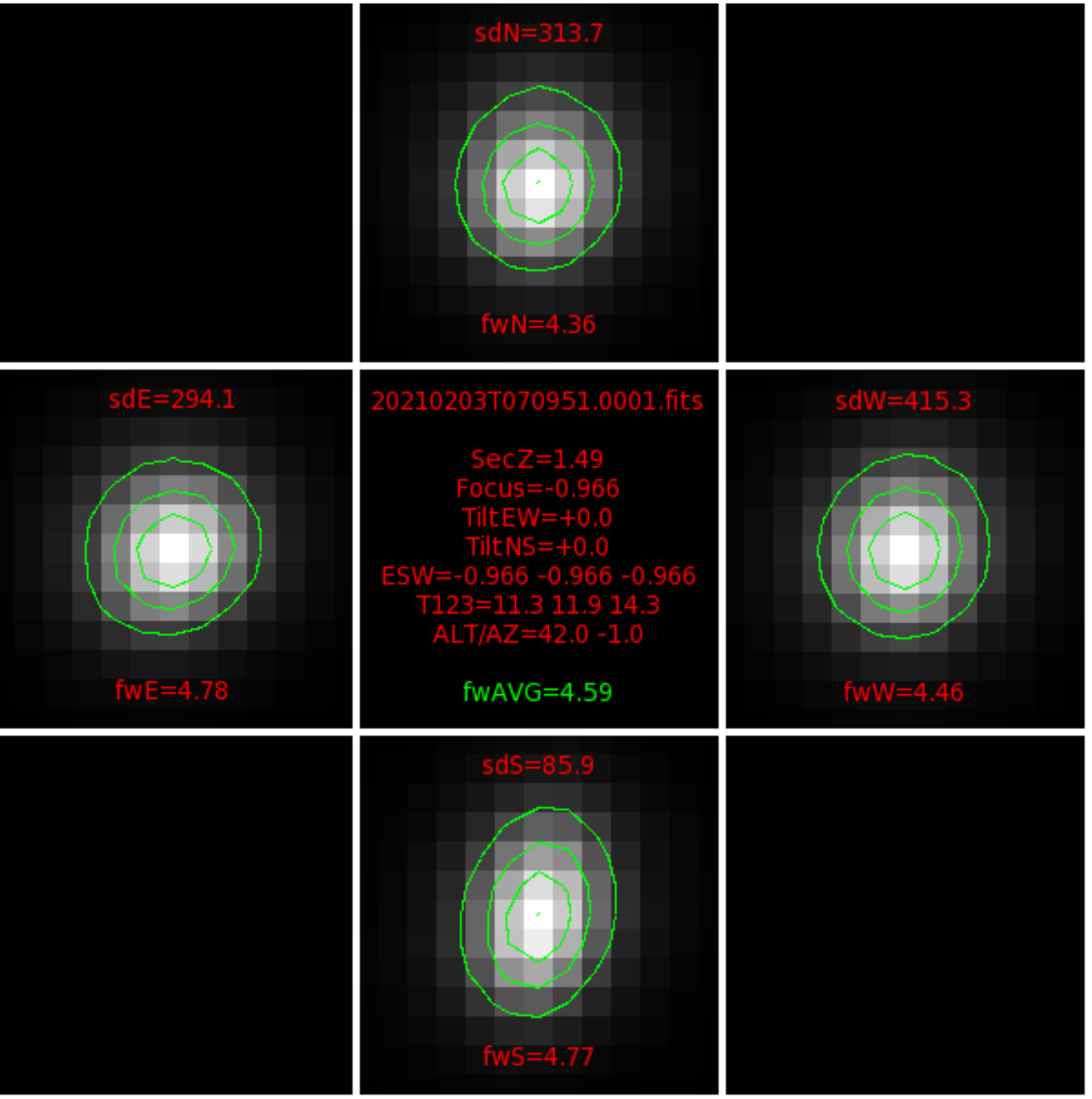

sdN=86.7
fwN=3.92
sdE=86.1
fwE=4.06
20210203T070624.0001.fits
SecZ=1.49
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.3 11.9 14.2
ALT/AZ=42.0 -0.8
fwAVG=4.32
sdW=195.3
fwW=4.46
sdS=24.7
fwS=4.84
0 0 0 0 0 0 0 0 0


sdN=109.7
fwN=4.21
sdE=109.2
fwE=4.38
20210203T070654.0001.fits
SecZ=1.49
Focus=-0.966
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.966 -0.966 -0.966
T123=11.3 11.9 14.3
ALT/AZ=42.0 -0.8
fwAVG=4.31
sdW=225.5
fwW=4.11
sdS=33.2
fwS=4.54
0 0 0 0 0 0 0 0 0


sdN=98.5
fwN=4.91
sdE=97.0
fwE=5.09
20210203T070724.0001.fits
SecZ=1.49
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.3 11.9 14.3
ALT/AZ=42.0 -0.9
fwAVG=5.03
sdW=186.9
fwW=5.04
sdS=31.6
fwS=5.09
0 0 0 0 0 0 0 0 0


sdN=78.5
fwN=4.35
sdE=71.8
fwE=4.61
20210203T070754.0001.fits
SecZ=1.49
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.3 11.9 14.3
ALT/AZ=42.0 -0.9
fwAVG=4.67
sdW=195.0
fwW=4.88
sdS=28.2
fwS=4.83
0 0 0 0 0 0 0 0 0


sdN=172.1
fwN=4.71
sdE=188.5
fwE=4.83
20210203T070920.0001.fits
SecZ=1.49
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.0
fwAVG=4.78
sdW=276.1
fwW=4.66
sdS=52.2
fwS=4.93
0 0 0 0 0 0 0 0 0


sdN=313.7
fwN=4.36
sdE=294.1
fwE=4.78
20210203T070951.0001.fits
SecZ=1.49
Focus=-0.966
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.966 -0.966 -0.966
T123=11.3 11.9 14.3
ALT/AZ=42.0 -1.0
fwAVG=4.59
sdW=415.3
fwW=4.46
sdS=85.9
fwS=4.77
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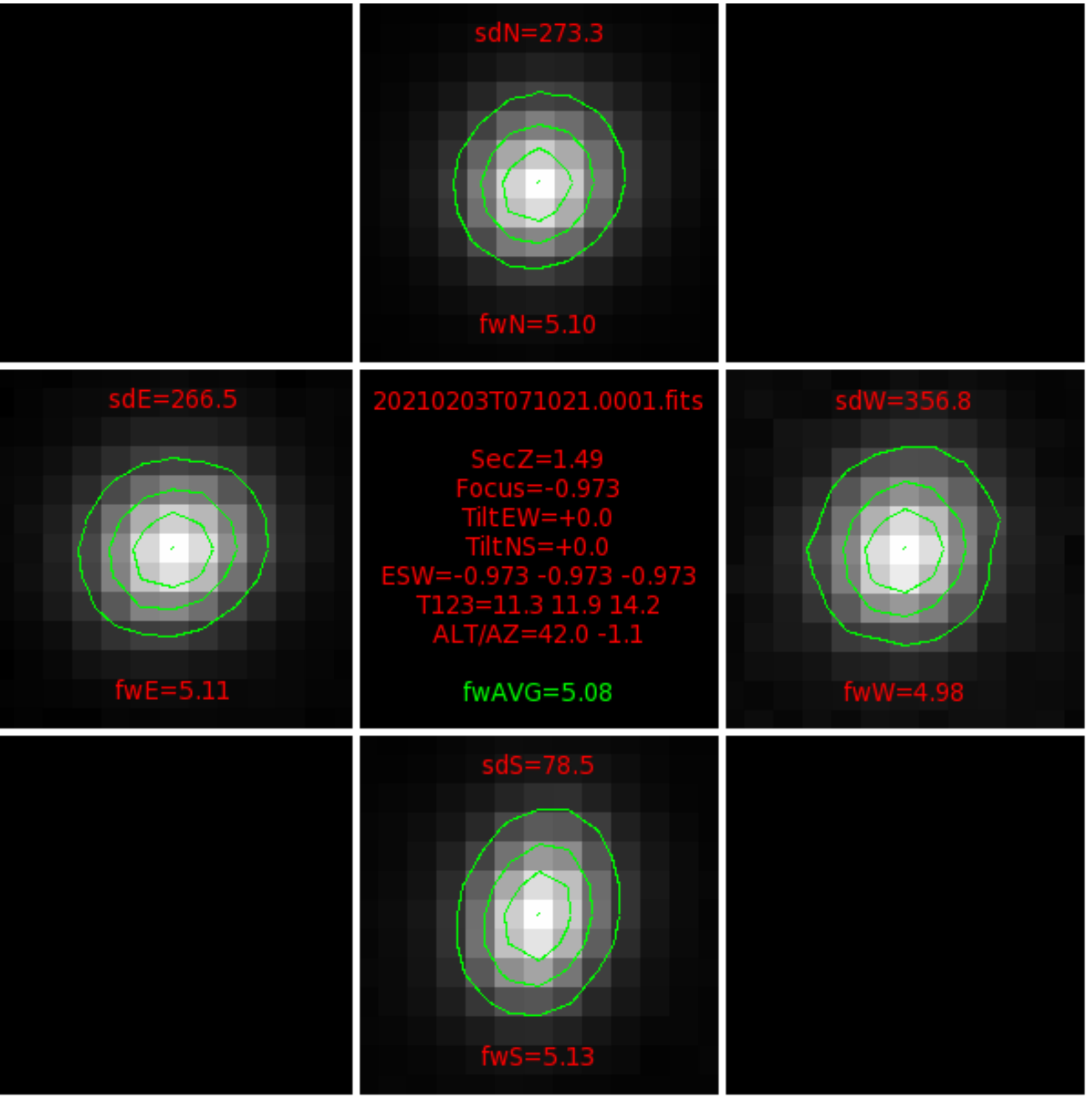
sdN=273.3
fwN=5.10
sdE=266.5
fwE=5.11
20210203T071021.0001.fits
SecZ=1.49
Focus=-0.973
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.973 -0.973 -0.973
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.1
fwAVG=5.08
sdW=356.8
fwW=4.98
sdS=78.5
fwS=5.13
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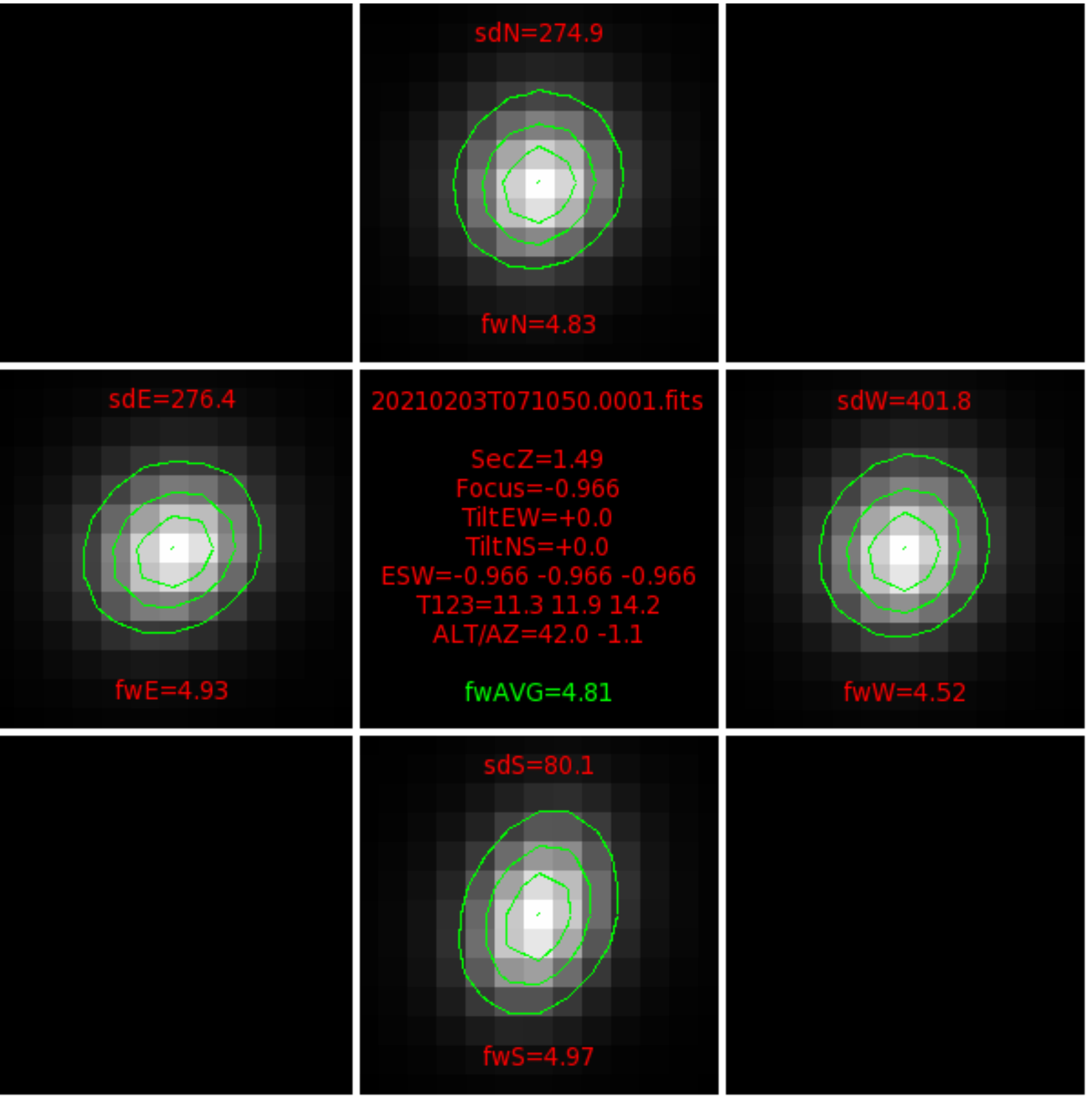
sdN=274.9
fwN=4.83
sdE=276.4
fwE=4.93
20210203T071050.0001.fits
SecZ=1.49
Focus=-0.966
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.966 -0.966 -0.966
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.1
fwAVG=4.81
sdW=401.8
fwW=4.52
sdS=80.1
fwS=4.97
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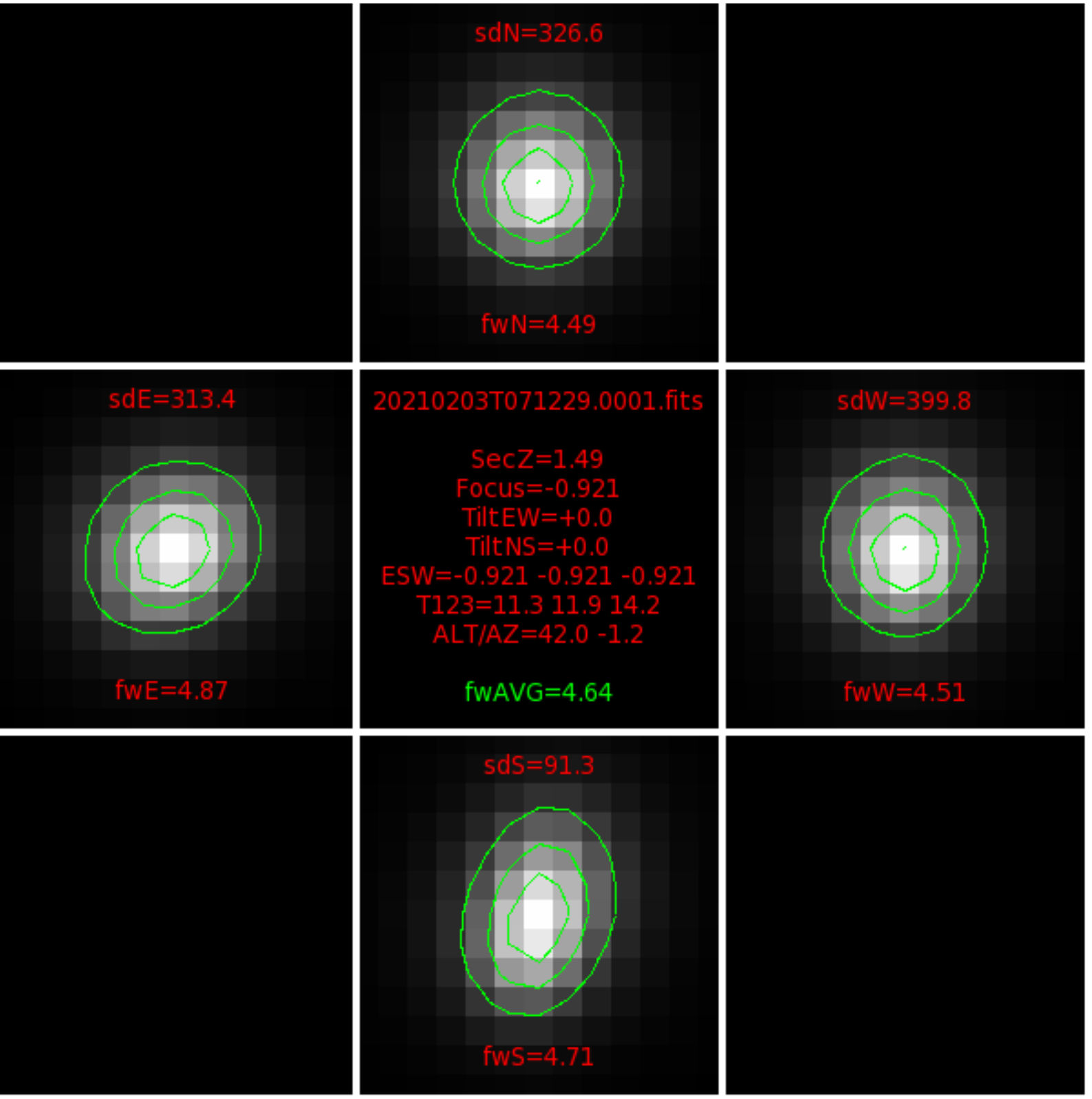
sdN=326.6
fwN=4.49
sdE=313.4
fwE=4.87
20210203T071229.0001.fits
SecZ=1.49
Focus=-0.921
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.921 -0.921 -0.921
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.2
fwAVG=4.64
sdW=399.8
fwW=4.51
sdS=91.3
fwS=4.71
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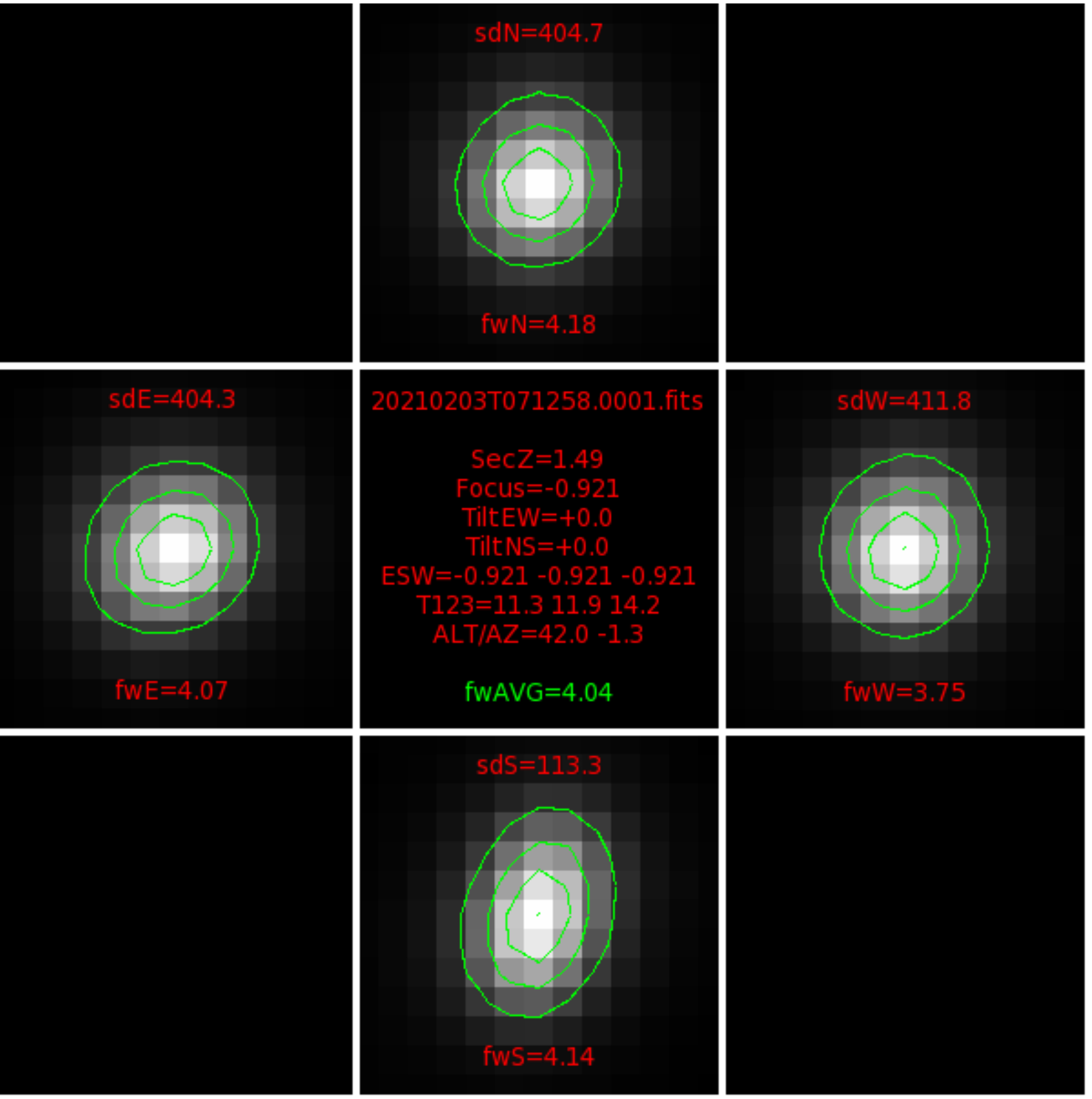
sdN=404.7
fwN=4.18
sdE=404.3
fwE=4.07
20210203T071258.0001.fits
SecZ=1.49
Focus=-0.921
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.921 -0.921 -0.921
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.3
fwAVG=4.04
sdW=411.8
fwW=3.75
sdS=113.3
fwS=4.14
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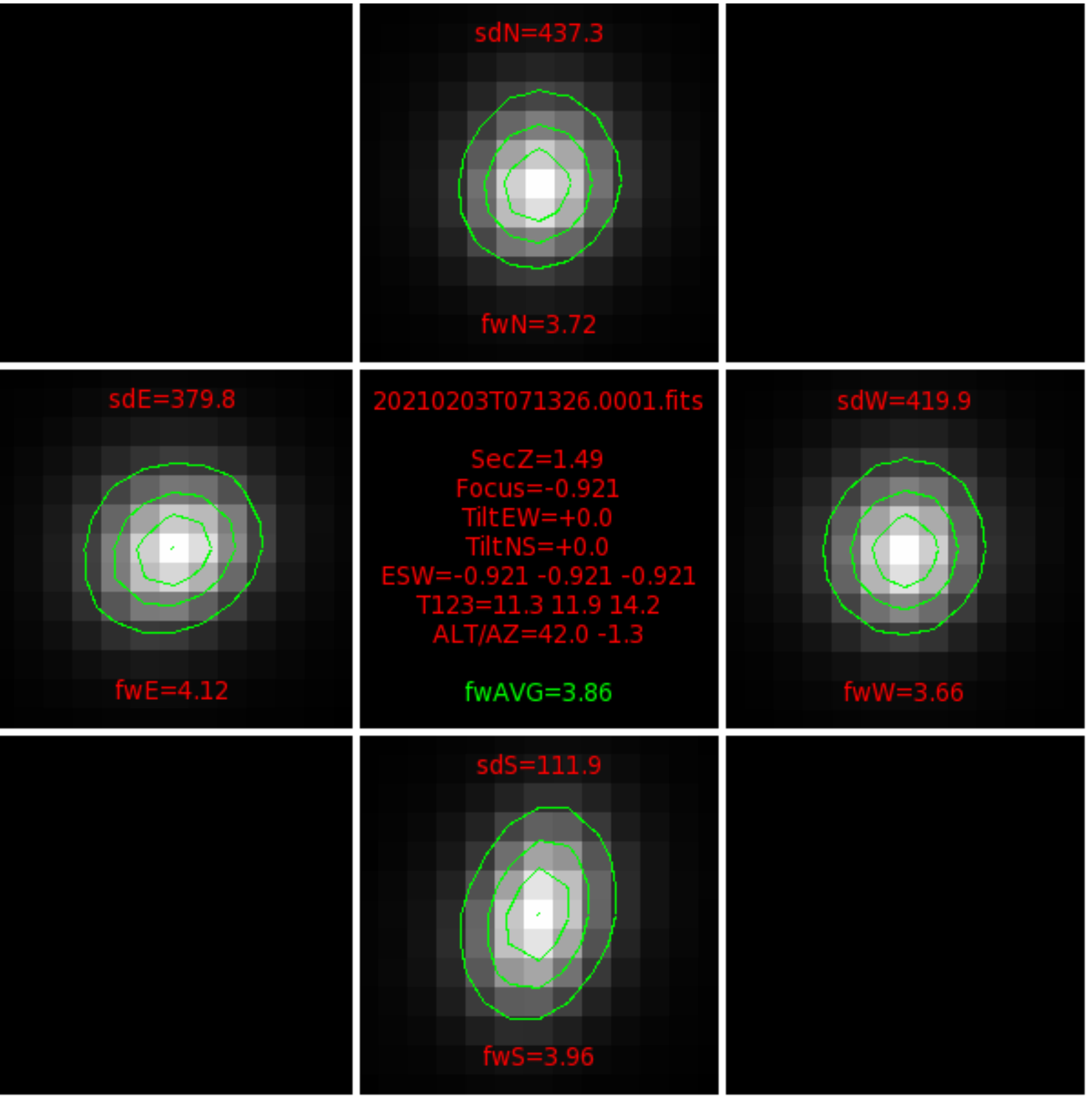
sdN=437.3
fwN=3.72
sdE=379.8
fwE=4.12
20210203T071326.0001.fits
SecZ=1.49
Focus=-0.921
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.921 -0.921 -0.921
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.3
fwAVG=3.86
sdW=419.9
fwW=3.66
sdS=111.9
fwS=3.96
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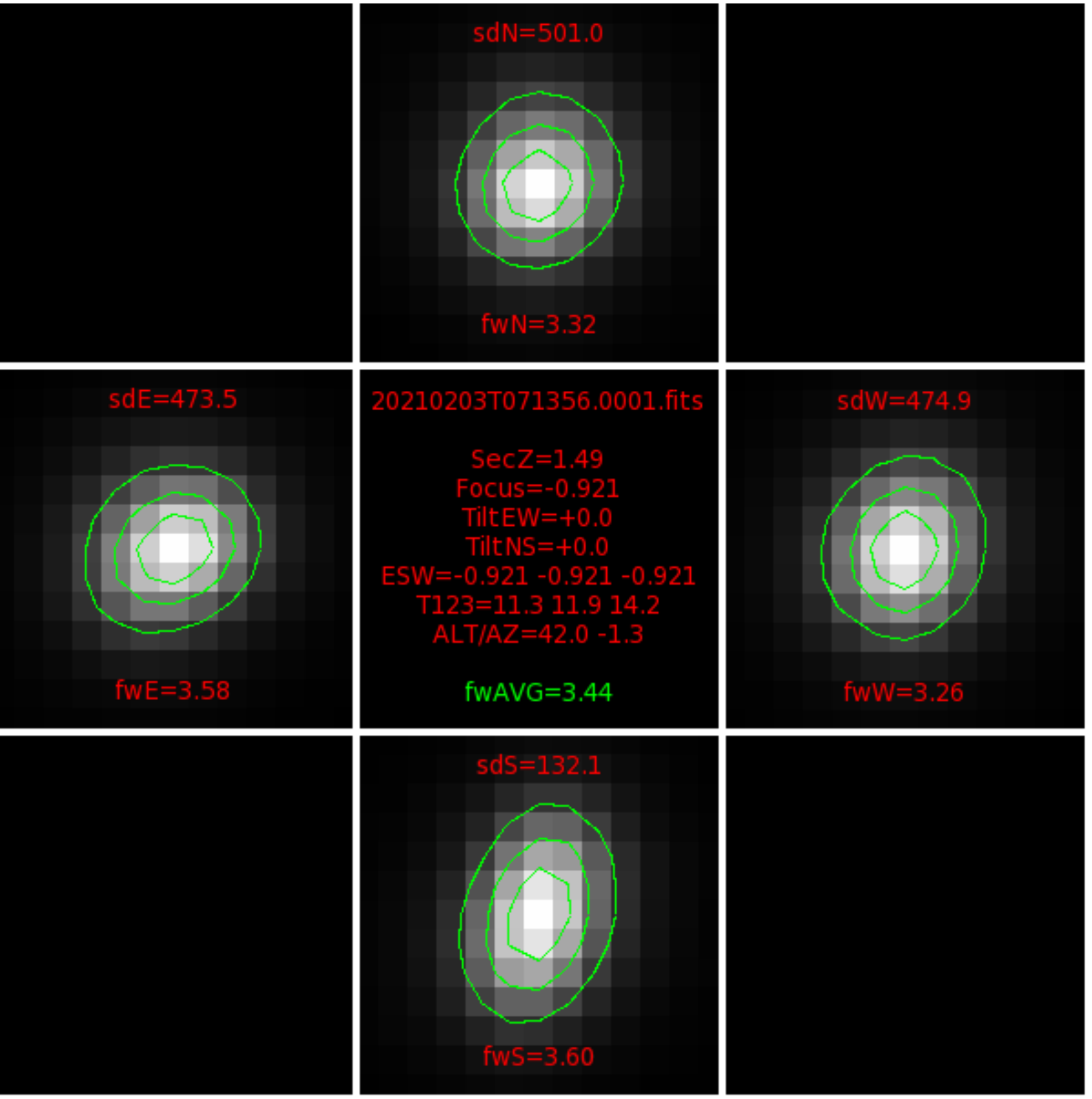
sdN=501.0
fwN=3.32
sdE=473.5
fwE=3.58
20210203T071356.0001.fits
SecZ=1.49
Focus=-0.921
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.921 -0.921 -0.921
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.3
fwAVG=3.44
sdW=474.9
fwW=3.26
sdS=132.1
fwS=3.60
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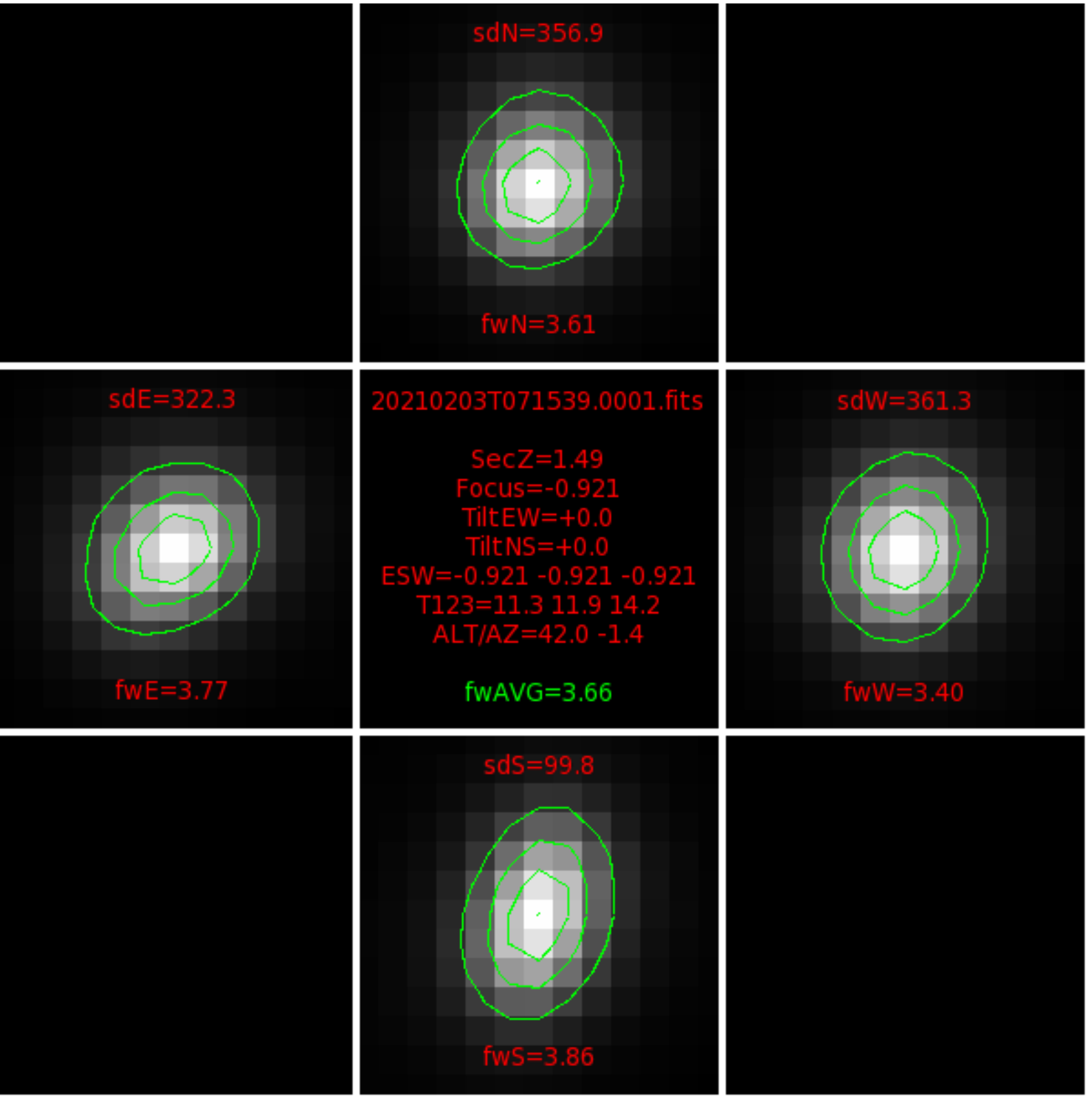
sdN=356.9
fwN=3.61
sdE=322.3
fwE=3.77
20210203T071539.0001.fits
SecZ=1.49
Focus=-0.921
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.921 -0.921 -0.921
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.4
fwAVG=3.66
sdW=361.3
fwW=3.40
sdS=99.8
fwS=3.86
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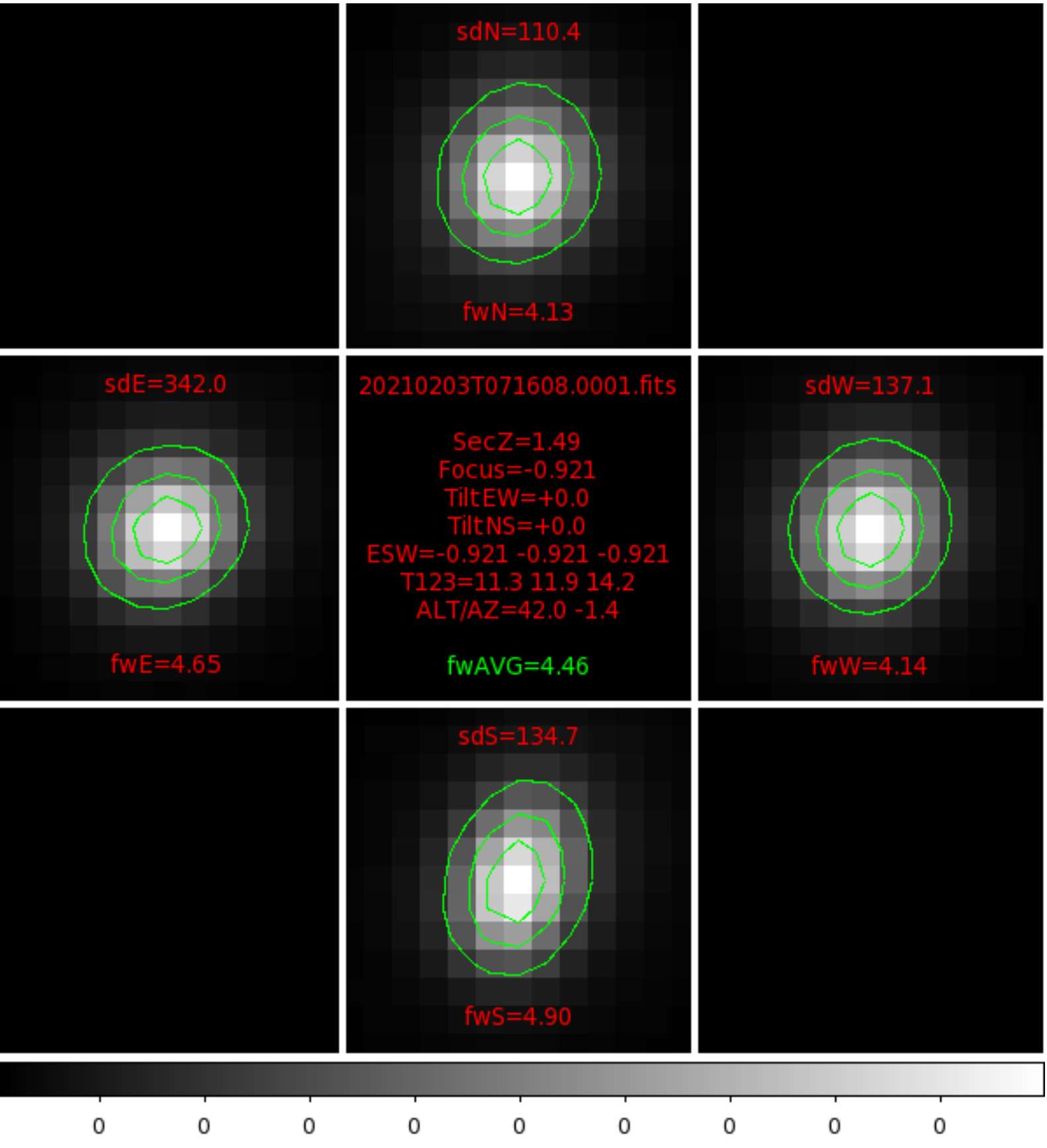
sdN=110.4
fwN=4.13
sdE=342.0
fwE=4.65
20210203T071608.0001.fits
SecZ=1.49
Focus=-0.921
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.921 -0.921 -0.921
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.4
fwAVG=4.46
sdW=137.1
fwW=4.14
sdS=134.7
fwS=4.90
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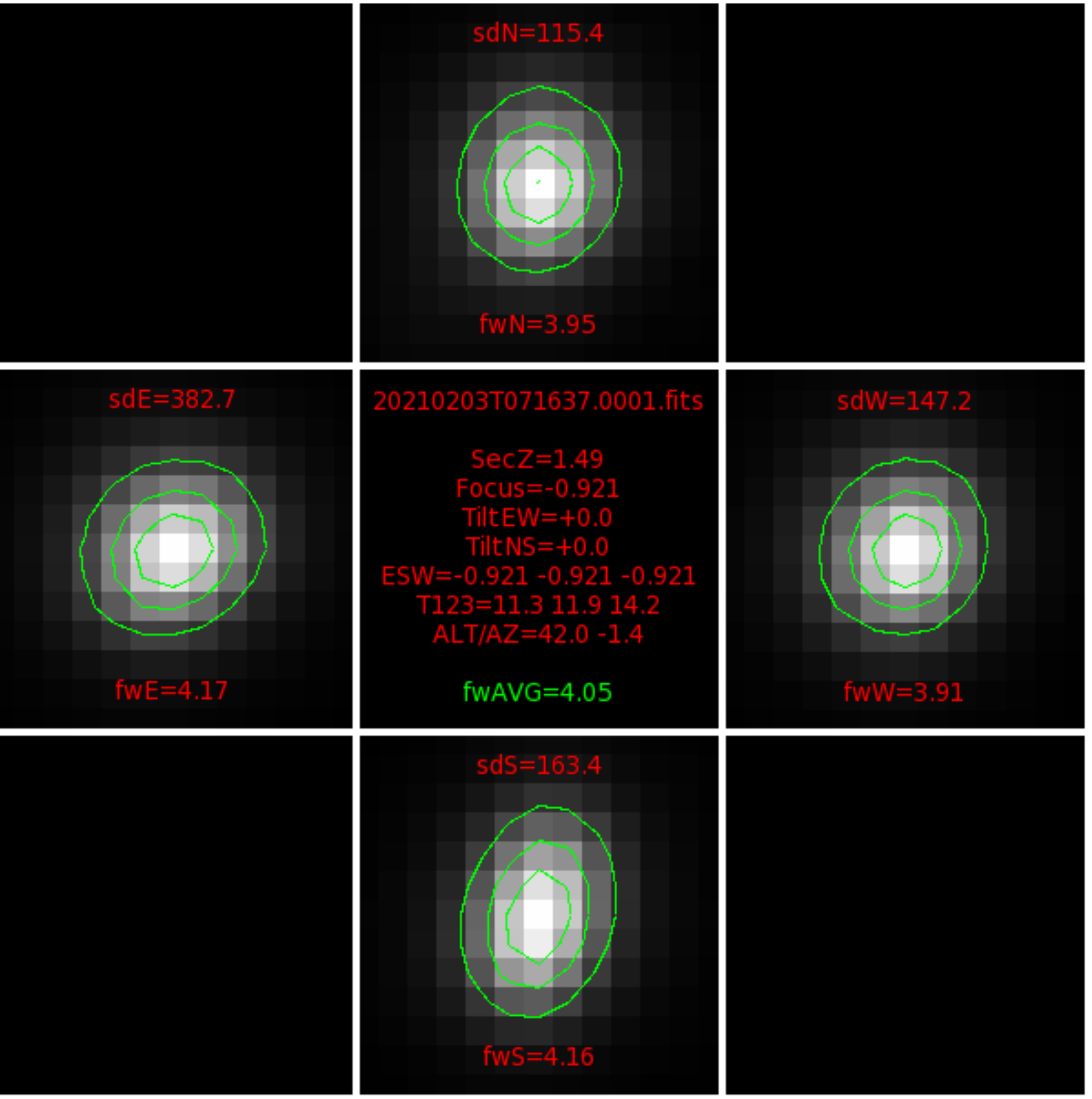
sdN=115.4
fwN=3.95
sdE=382.7
fwE=4.17
20210203T071637.0001.fits
SecZ=1.49
Focus=-0.921
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.921 -0.921 -0.921
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.4
fwAVG=4.05
sdW=147.2
fwW=3.91
sdS=163.4
fwS=4.16
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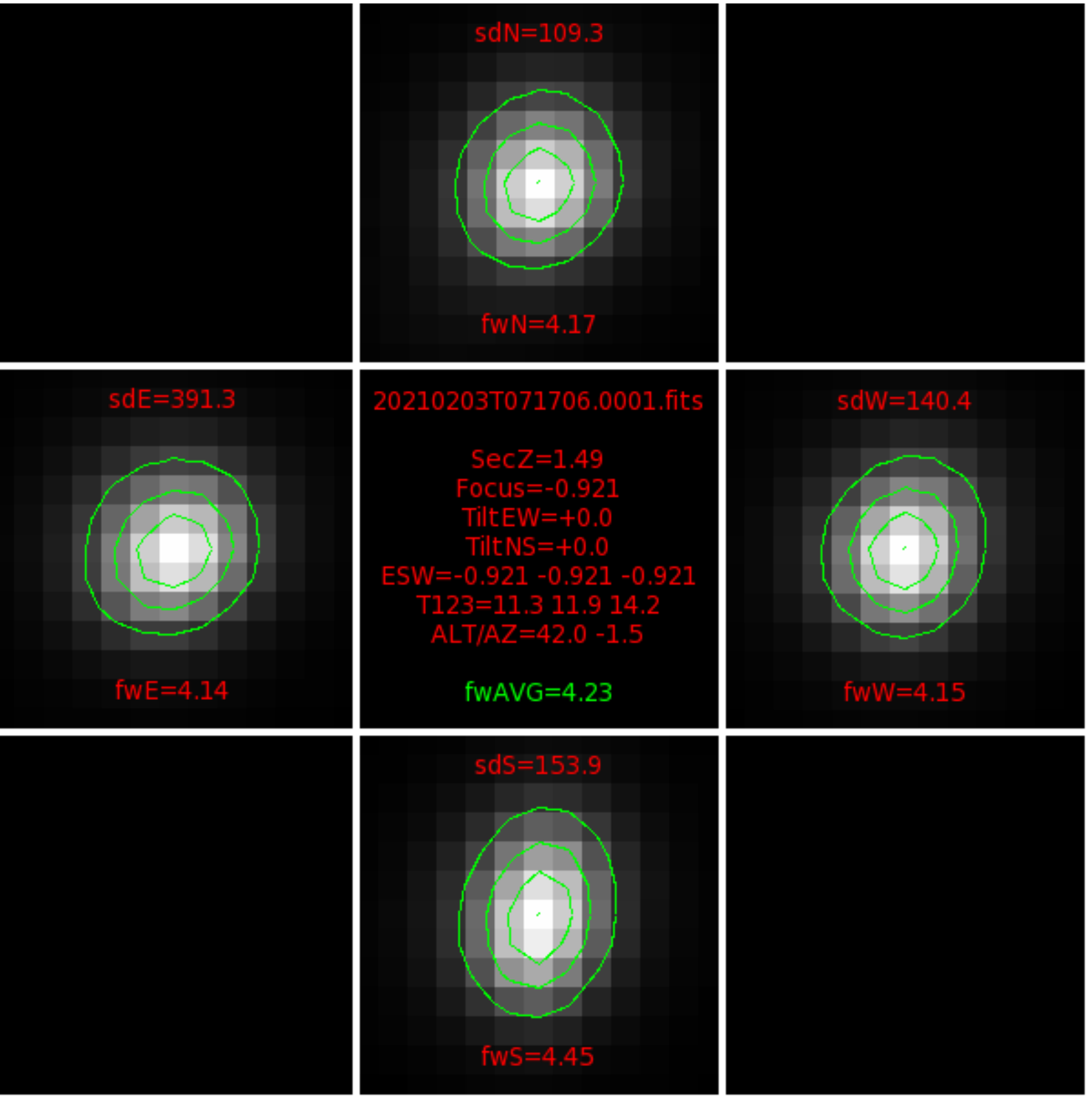
sdN=109.3
fwN=4.17
sdE=391.3
fwE=4.14
20210203T071706.0001.fits
SecZ=1.49
Focus=-0.921
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.921 -0.921 -0.921
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.5
fwAVG=4.23
sdW=140.4
fwW=4.15
sdS=153.9
fwS=4.45
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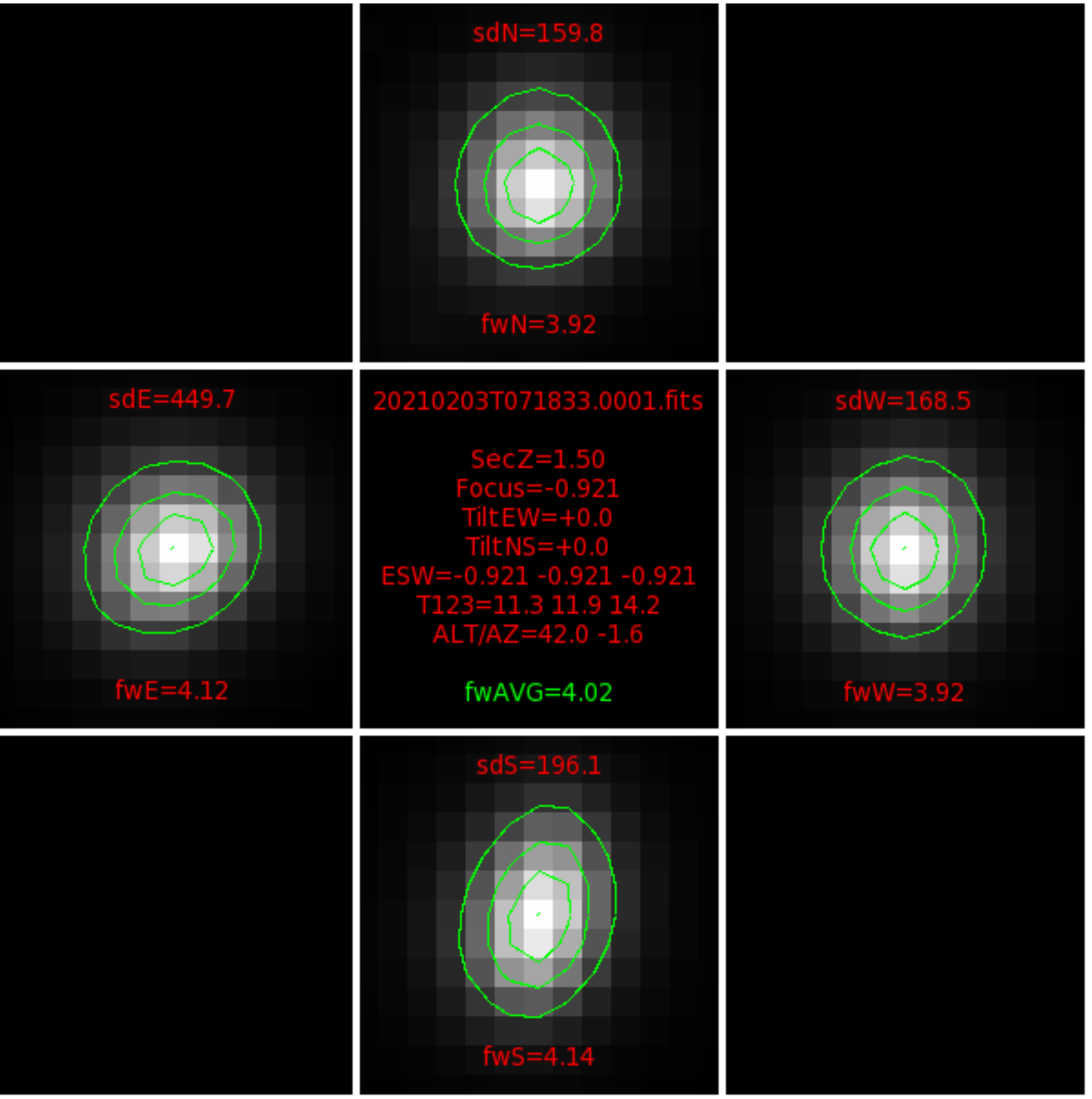
sdN=159.8
fwN=3.92
sdE=449.7
fwE=4.12
20210203T071833.0001.fits
SecZ=1.50
Focus=-0.921
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.921 -0.921 -0.921
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.6
fwAVG=4.02
sdW=168.5
fwW=3.92
sdS=196.1
fwS=4.14
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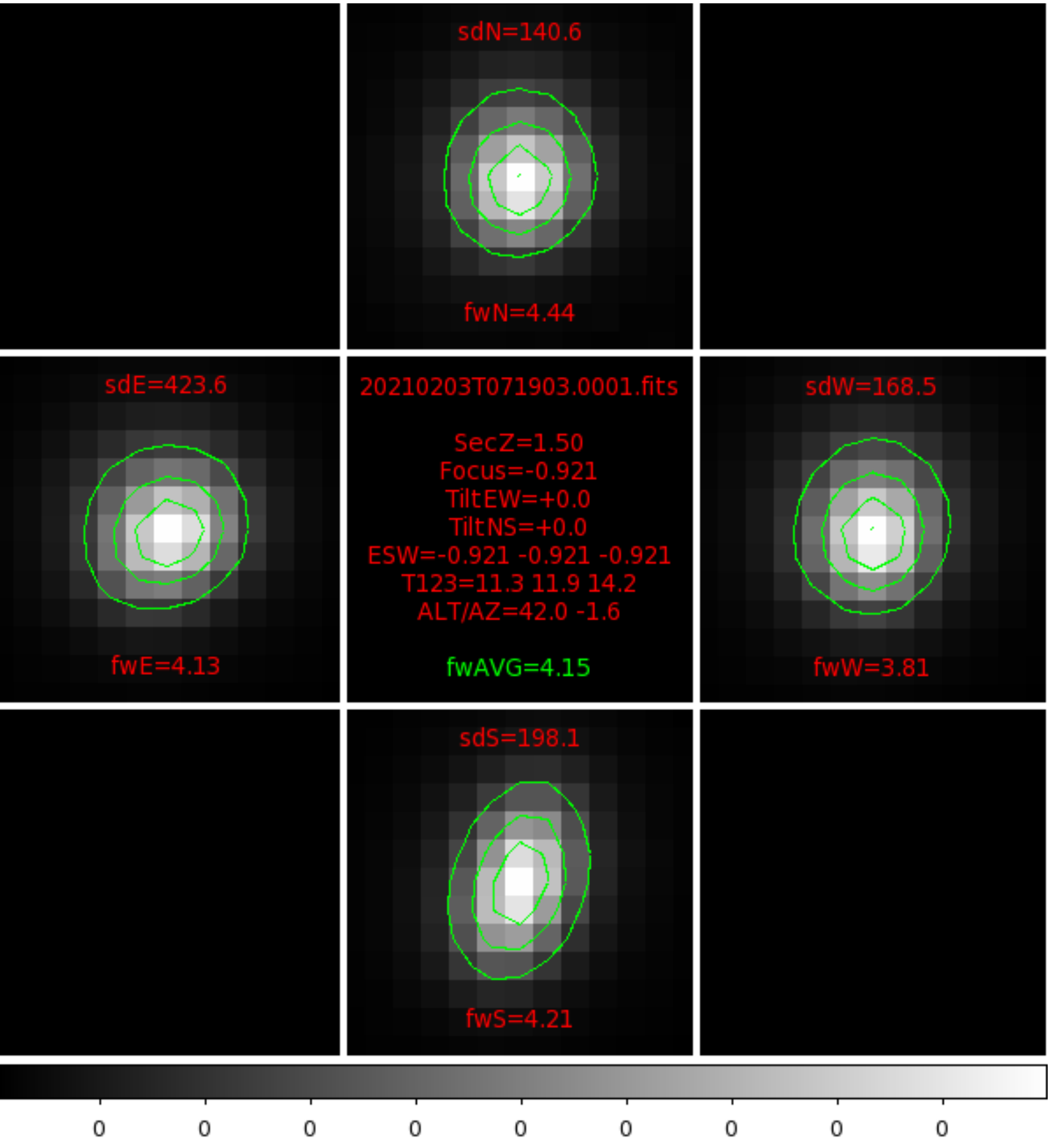
sdN=140.6
fwN=4.44
sdE=423.6
fwE=4.13
20210203T071903.0001.fits
SecZ=1.50
Focus=-0.921
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.921 -0.921 -0.921
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.6
fwAVG=4.15
sdW=168.5
fwW=3.81
sdS=198.1
fwS=4.21
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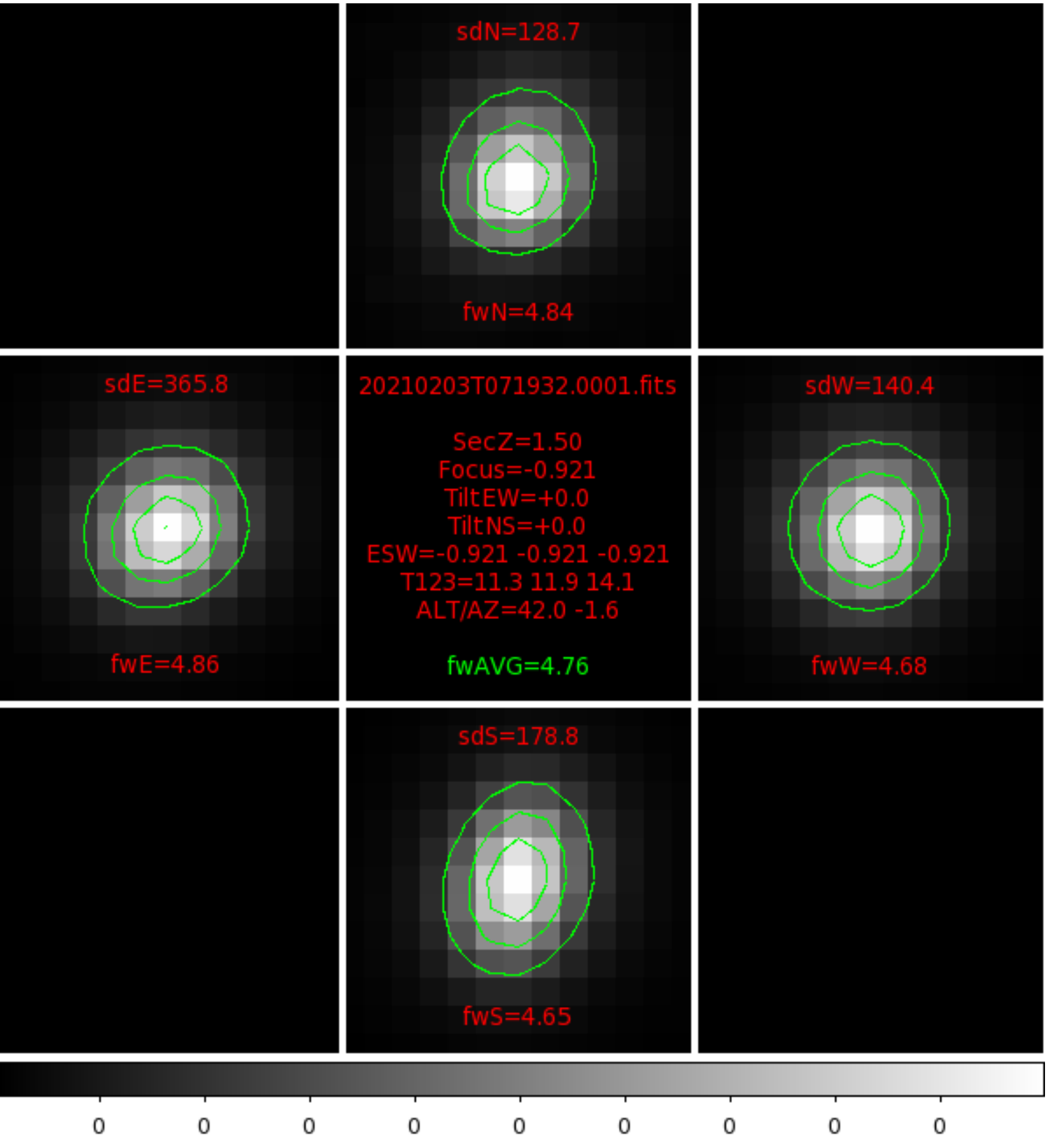
sdN=128.7
fwN=4.84
sdE=365.8
fwE=4.86
20210203T071932.0001.fits
SecZ=1.50
Focus=-0.921
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.921 -0.921 -0.921
T123=11.3 11.9 14.1
ALT/AZ=42.0 -1.6
fwAVG=4.76
sdW=140.4
fwW=4.68
sdS=178.8
fwS=4.65
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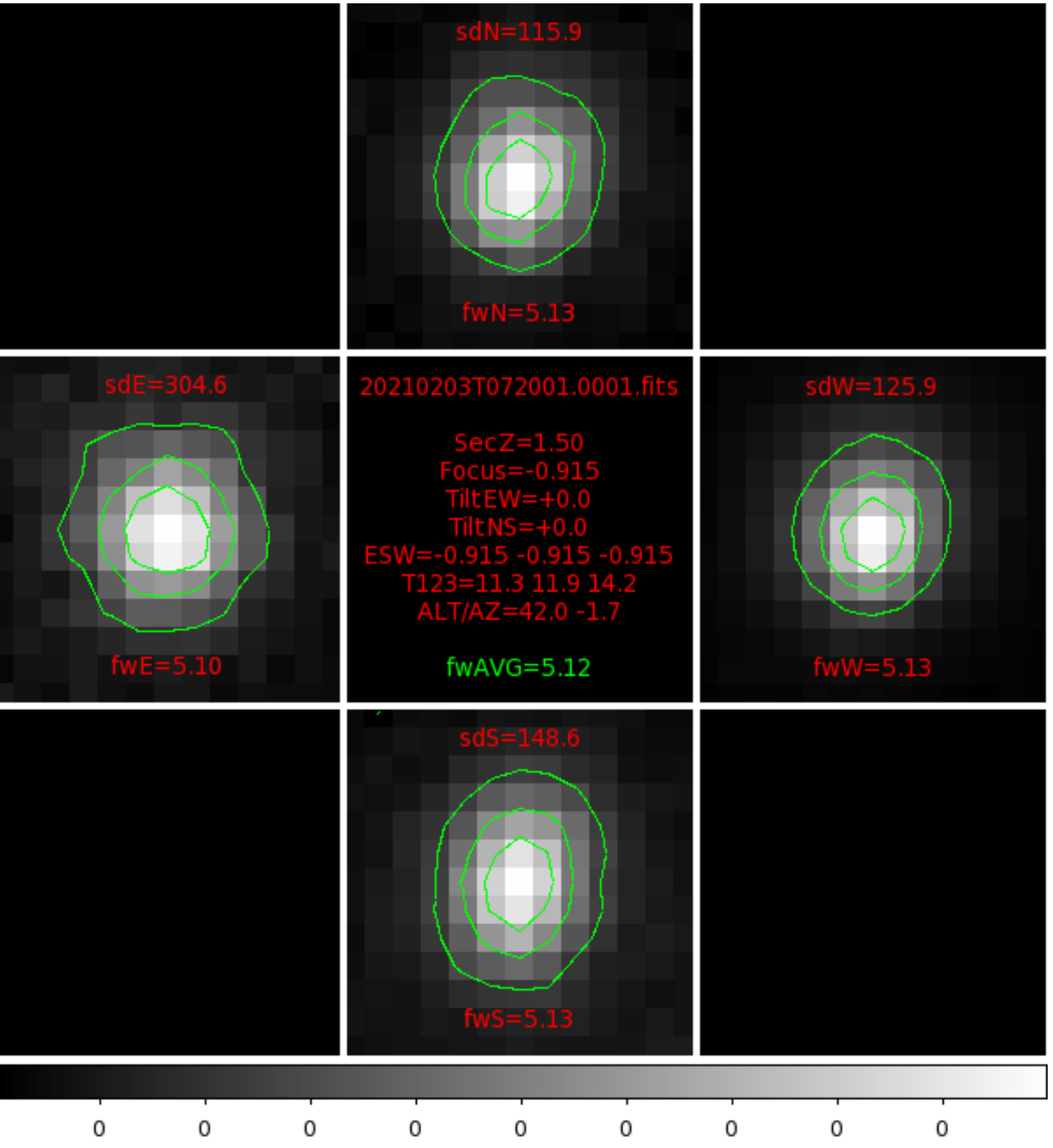
sdN=115.9
fwN=5.13
sdE=304.6
fwE=5.10
20210203T072001.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.2
ALT/AZ=42.0 -1.7
fwAVG=5.12
sdW=125.9
fwW=5.13
sdS=148.6
fwS=5.13
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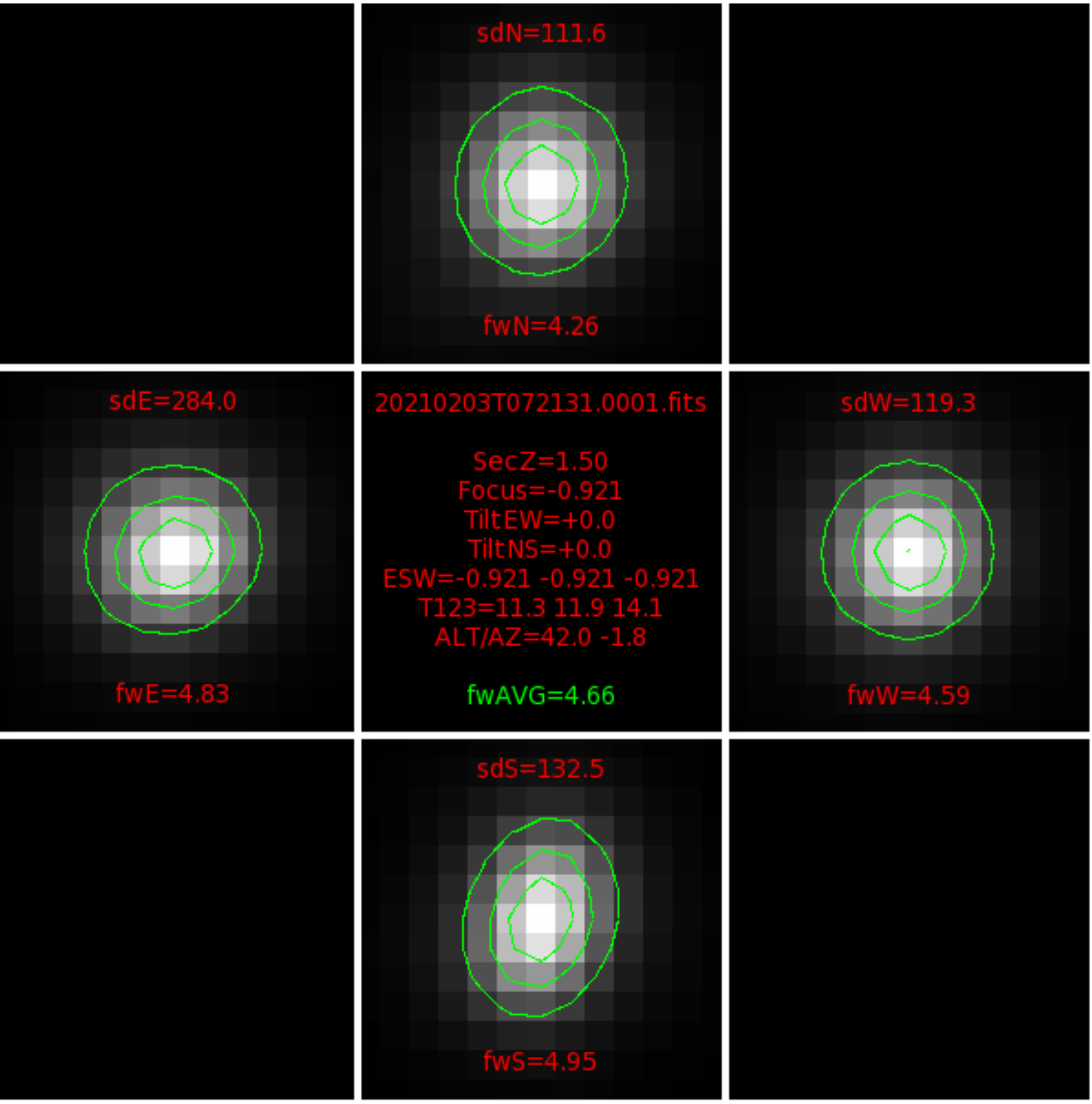
sdN=111.6
fwN=4.26
sdE=284.0
fwE=4.83
20210203T072131.0001.fits
SecZ=1.50
Focus=-0.921
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.921 -0.921 -0.921
T123=11.3 11.9 14.1
ALT/AZ=42.0 -1.8
fwAVG=4.66
sdW=119.3
fwW=4.59
sdS=132.5
fwS=4.95
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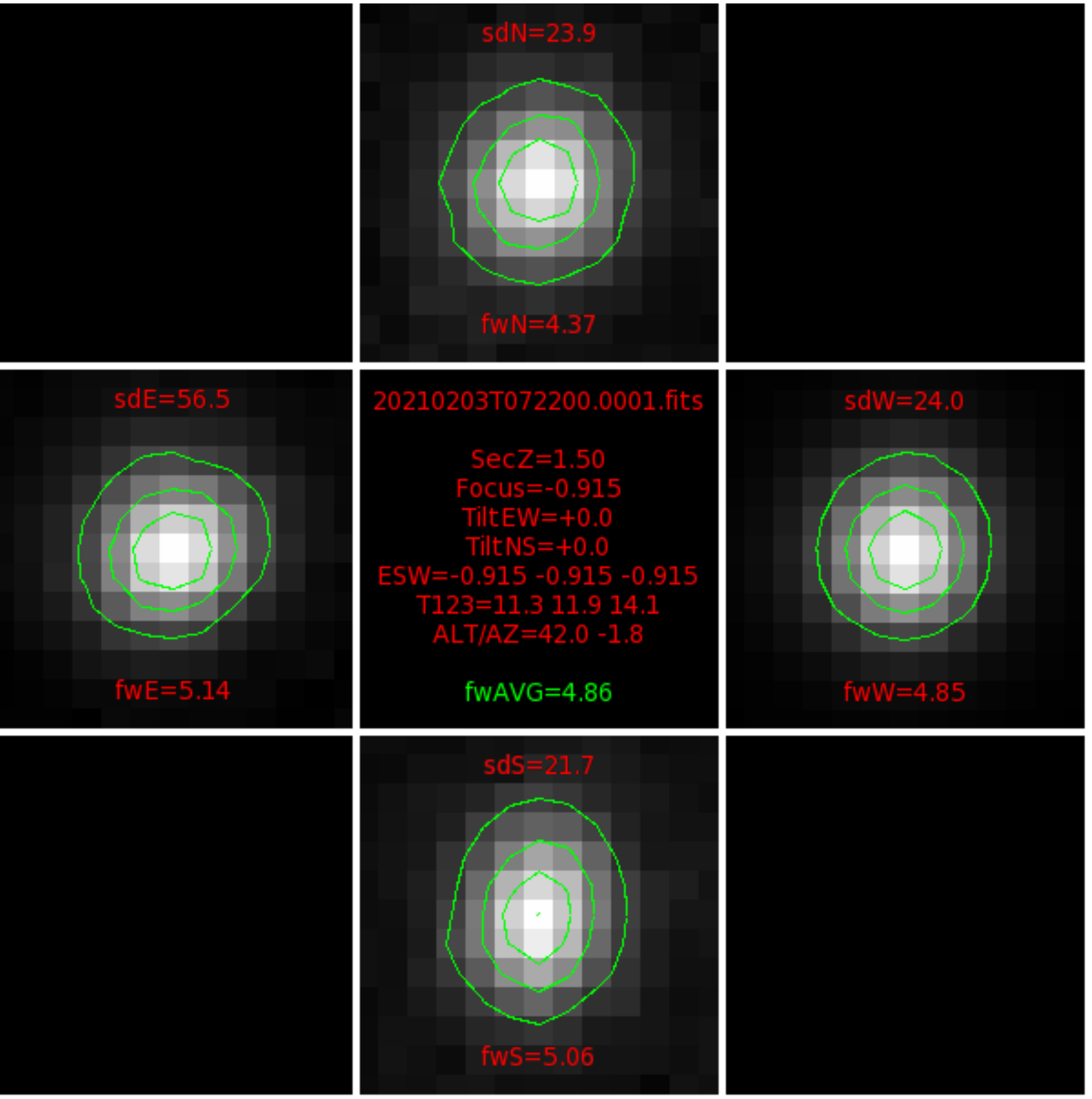
sdN=23.9
fwN=4.37
sdE=56.5
fwE=5.14
20210203T072200.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=42.0 -1.8
fwAVG=4.86
sdW=24.0
fwW=4.85
sdS=21.7
fwS=5.06
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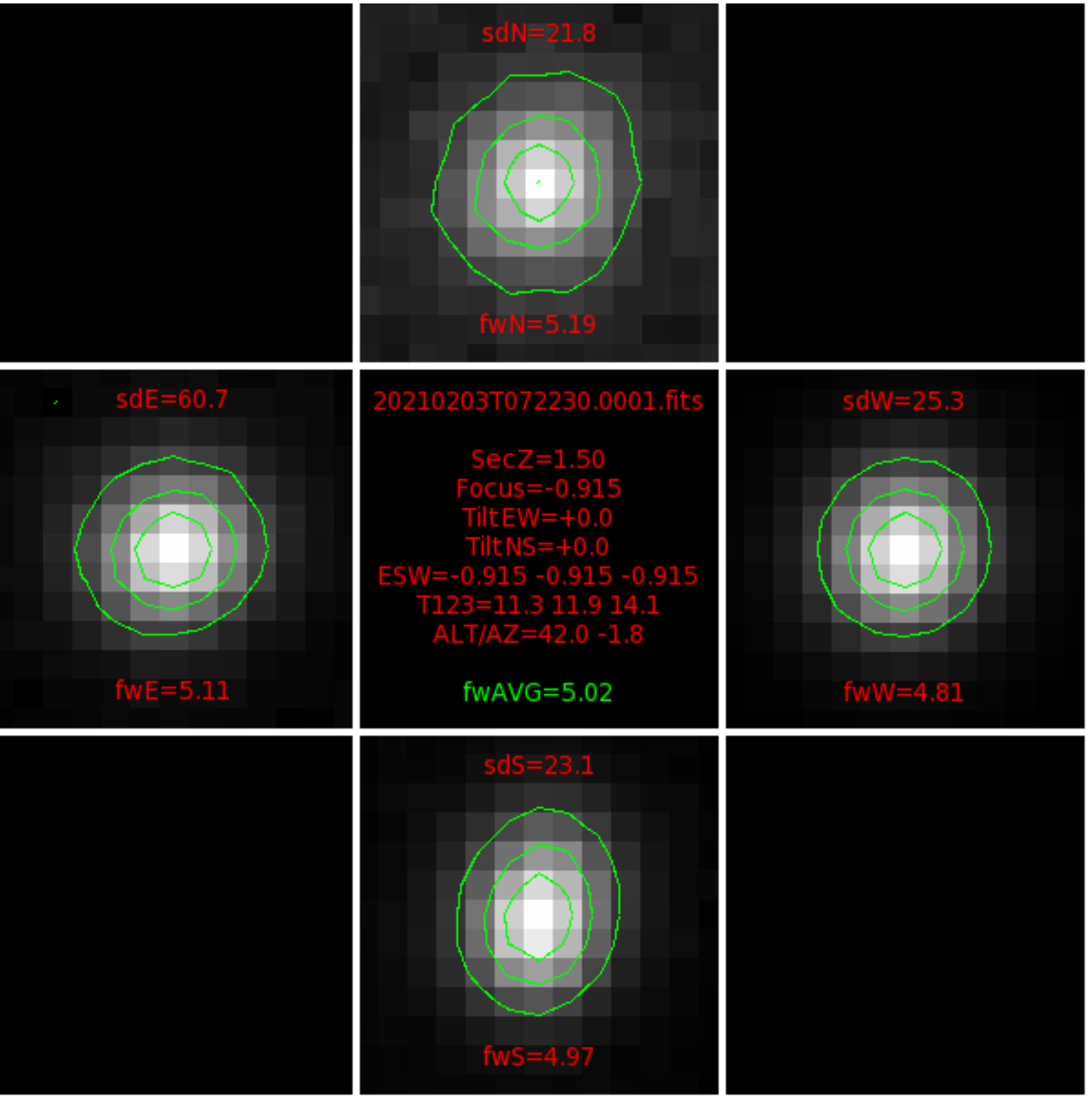
sdN=21.8
fwN=5.19
sdE=60.7
fwE=5.11
20210203T072230.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=42.0 -1.8
fwAVG=5.02
sdW=25.3
fwW=4.81
sdS=23.1
fwS=4.97
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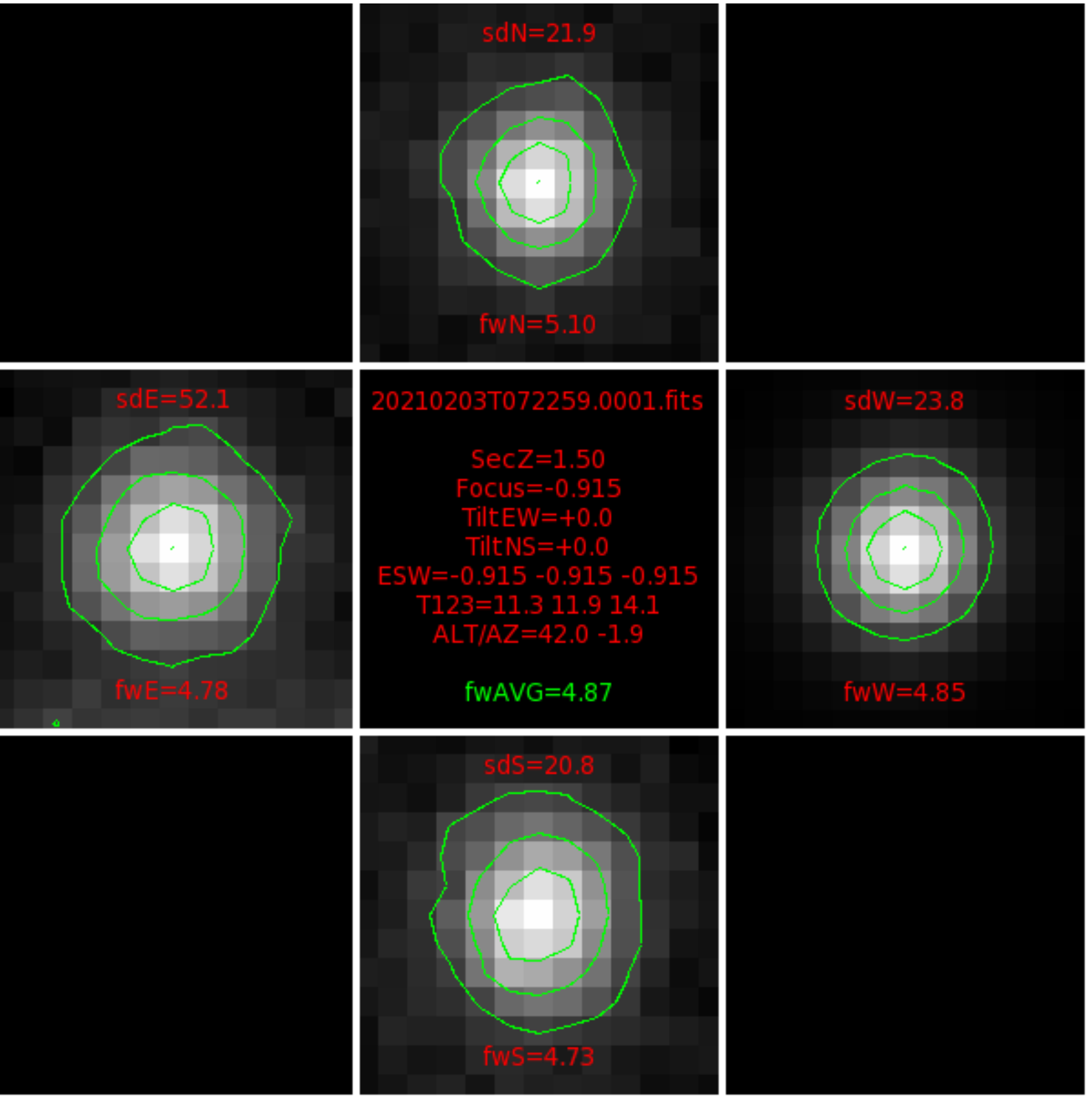
sdN=21.9
fwN=5.10
sdE=52.1
fwE=4.78
20210203T072259.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=42.0 -1.9
fwAVG=4.87
sdW=23.8
fwW=4.85
sdS=20.8
fwS=4.73
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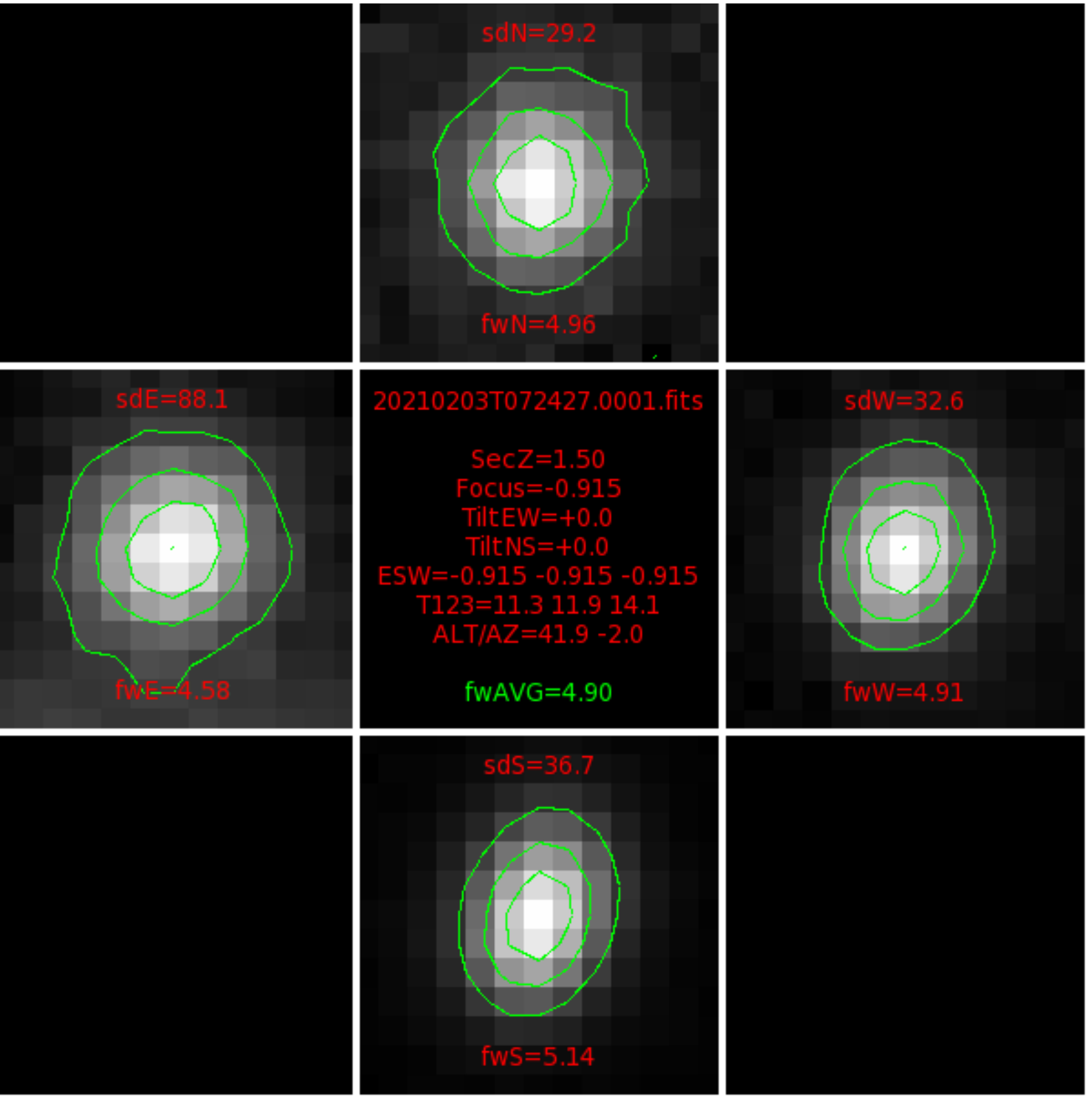
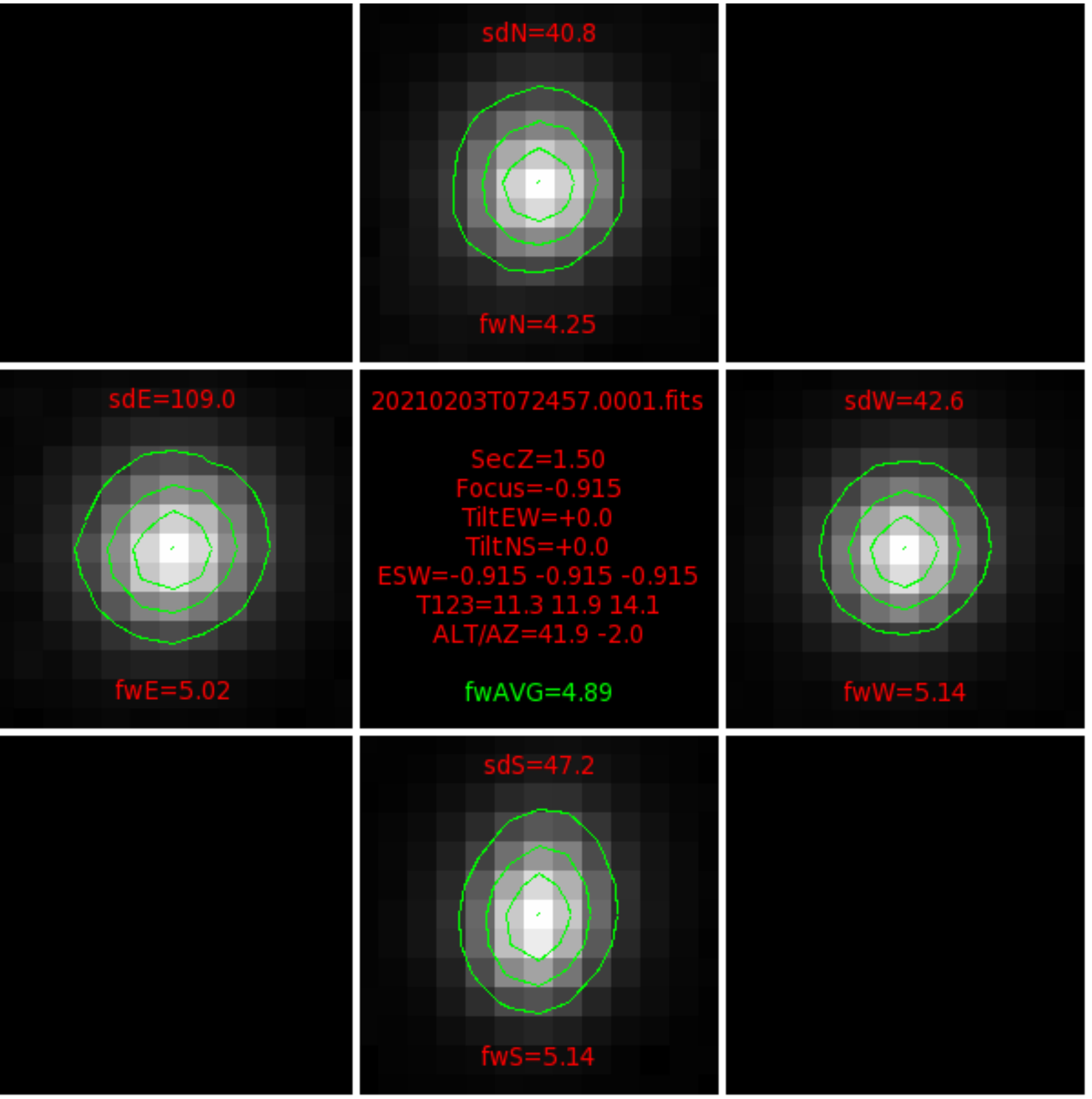

sdN=29.2
fwN=4.96
sdE=88.1
fwE=4.58
20210203T072427.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -2.0
fwAVG=4.90
sdW=32.6
fwW=4.91
sdS=36.7
fwS=5.14
0 0 0 0 0 0 0 0 0


sdN=40.8
fwN=4.25
sdE=109.0
fwE=5.02
20210203T072457.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -2.0
fwAVG=4.89
sdW=42.6
fwW=5.14
sdS=47.2
fwS=5.14
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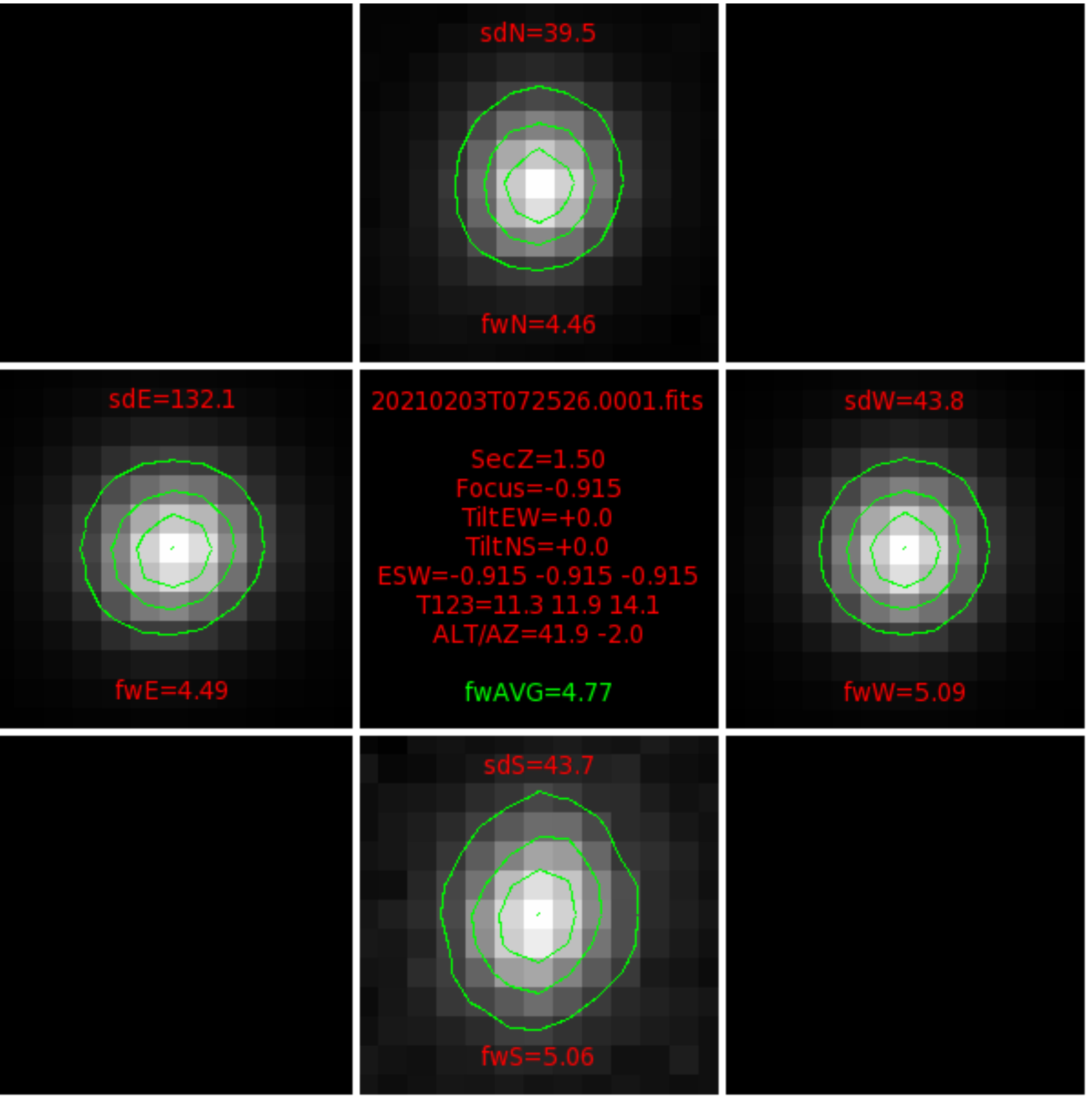
sdN=39.5
fwN=4.46
sdE=132.1
fwE=4.49
20210203T072526.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -2.0
fwAVG=4.77
sdW=43.8
fwW=5.09
sdS=43.7
fwS=5.06
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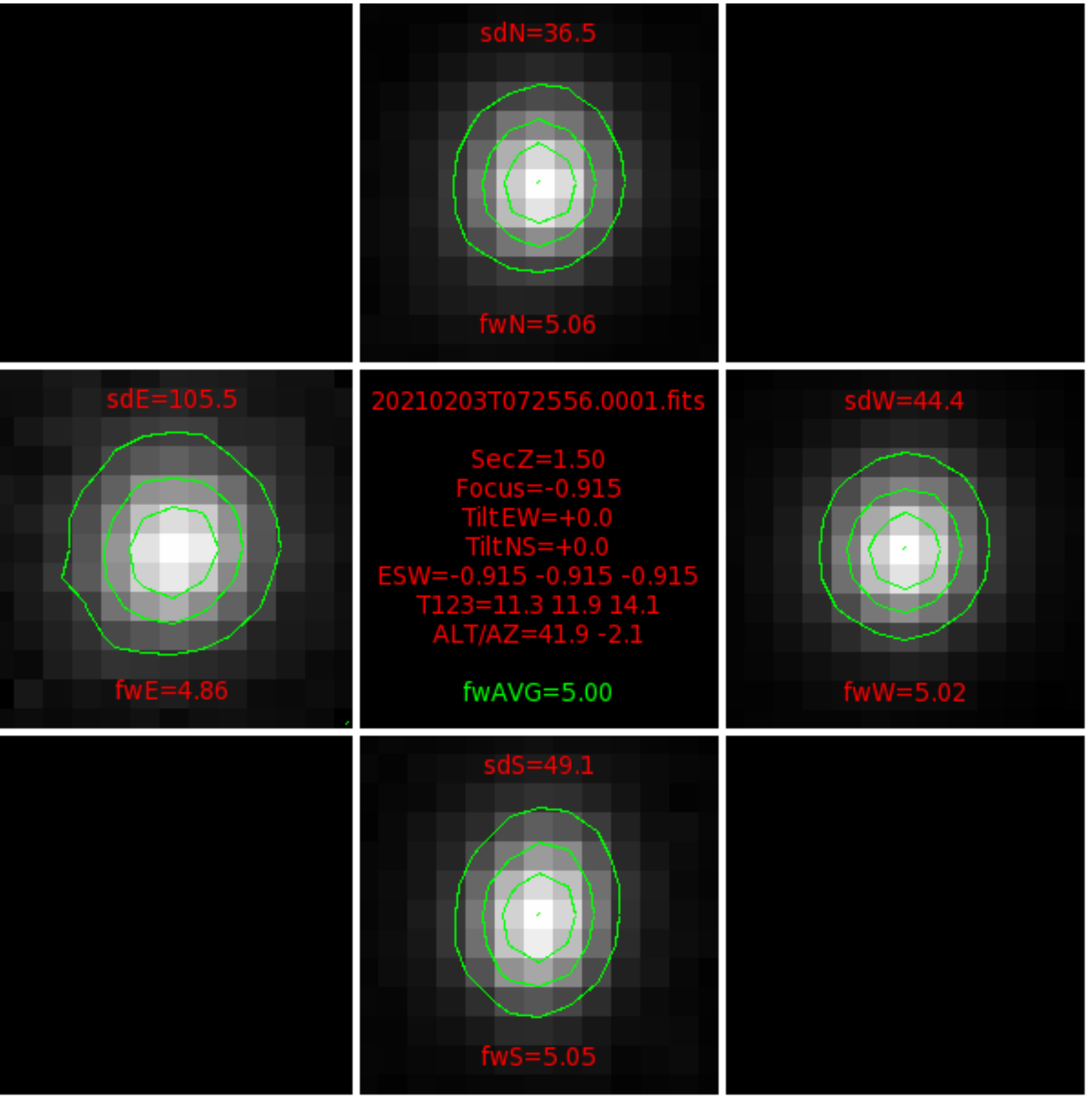
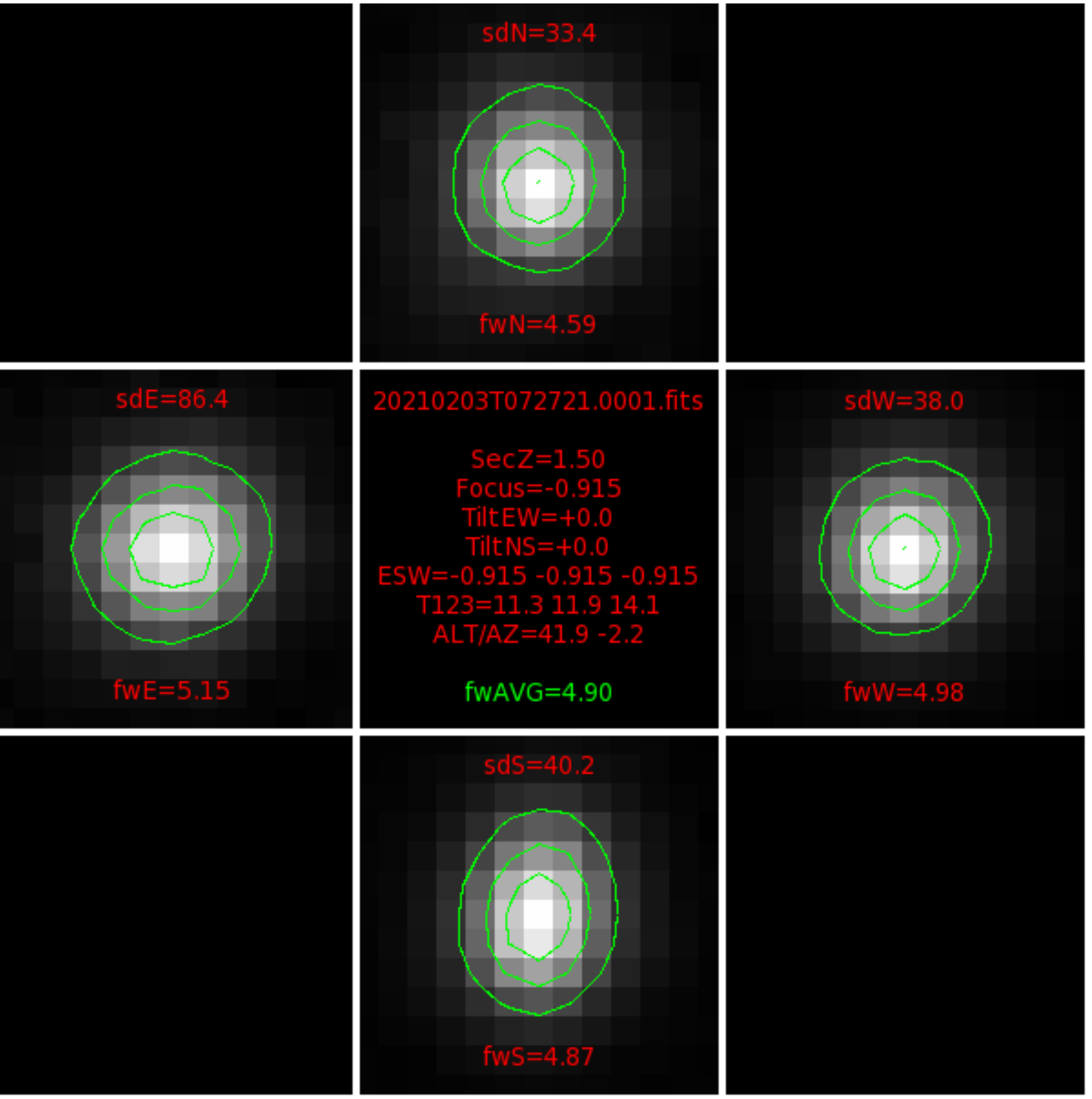
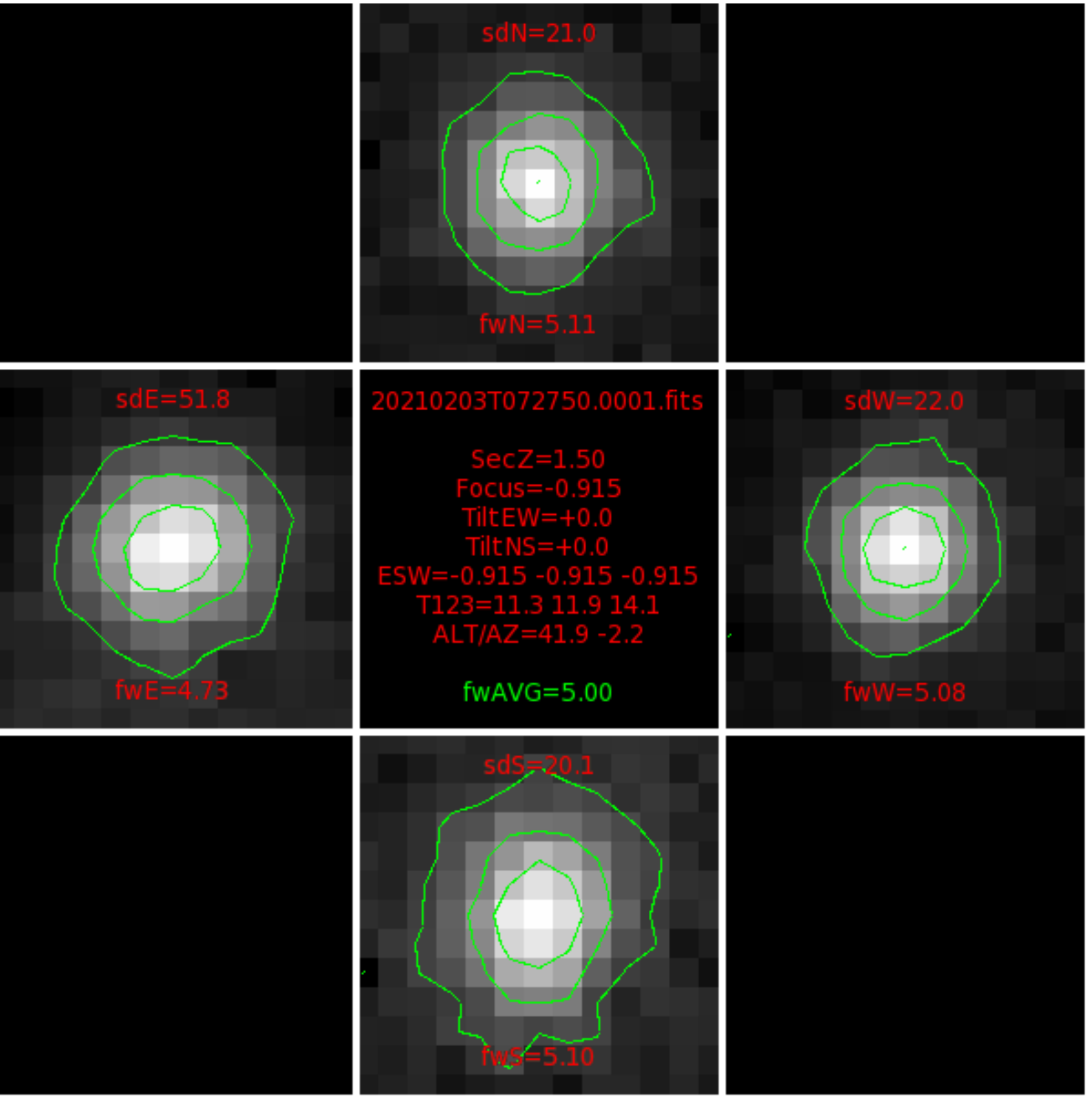
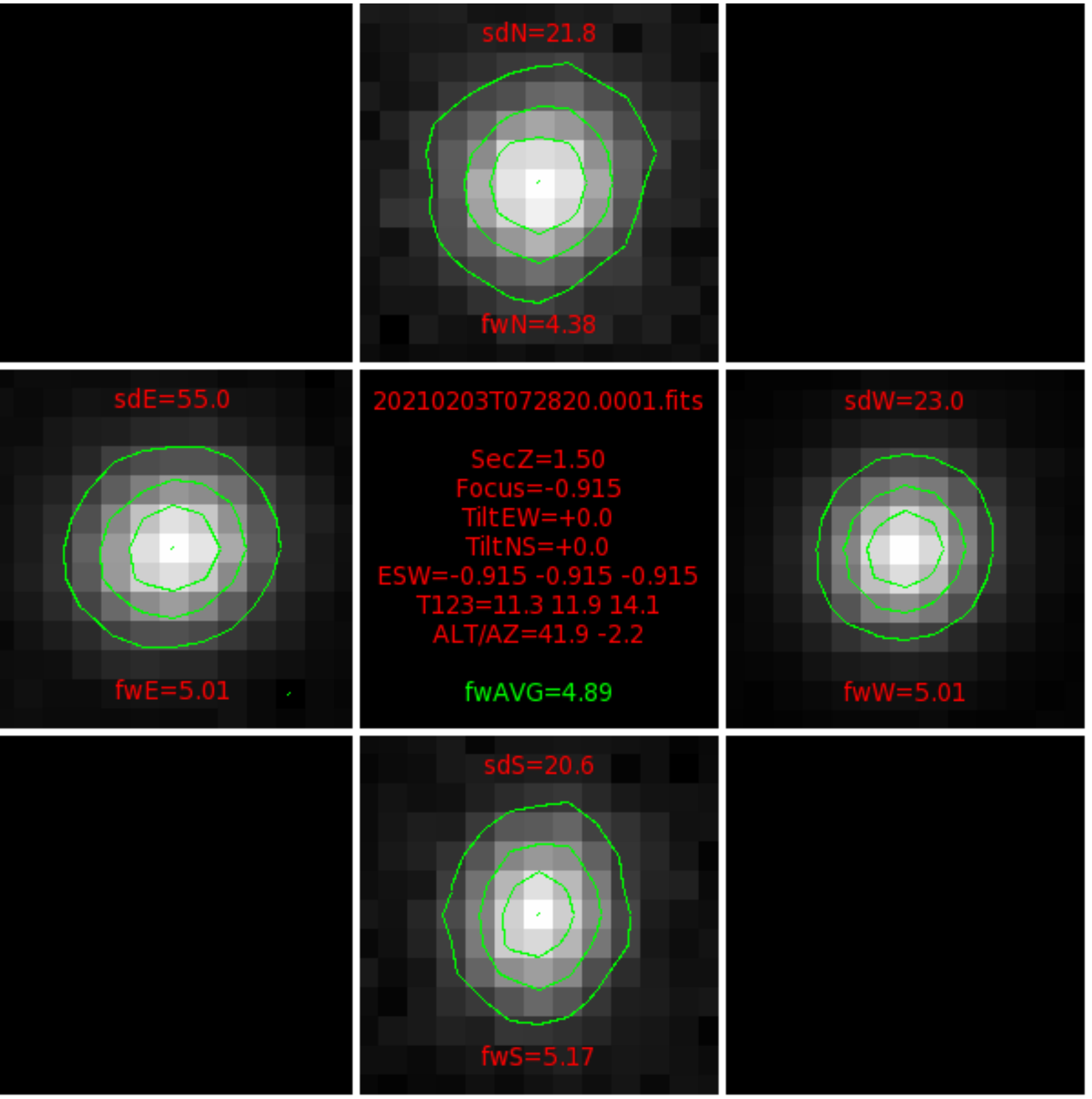
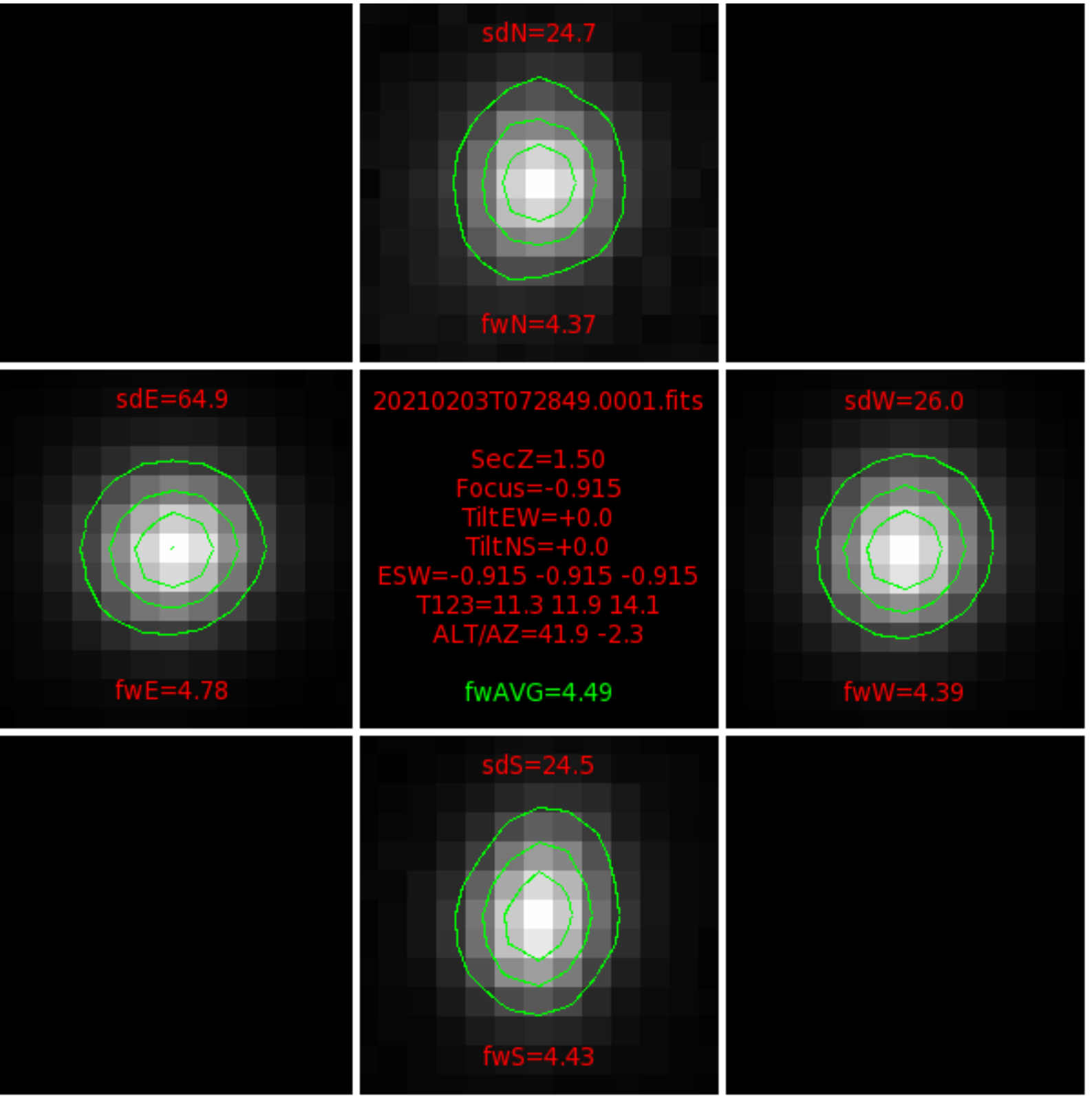
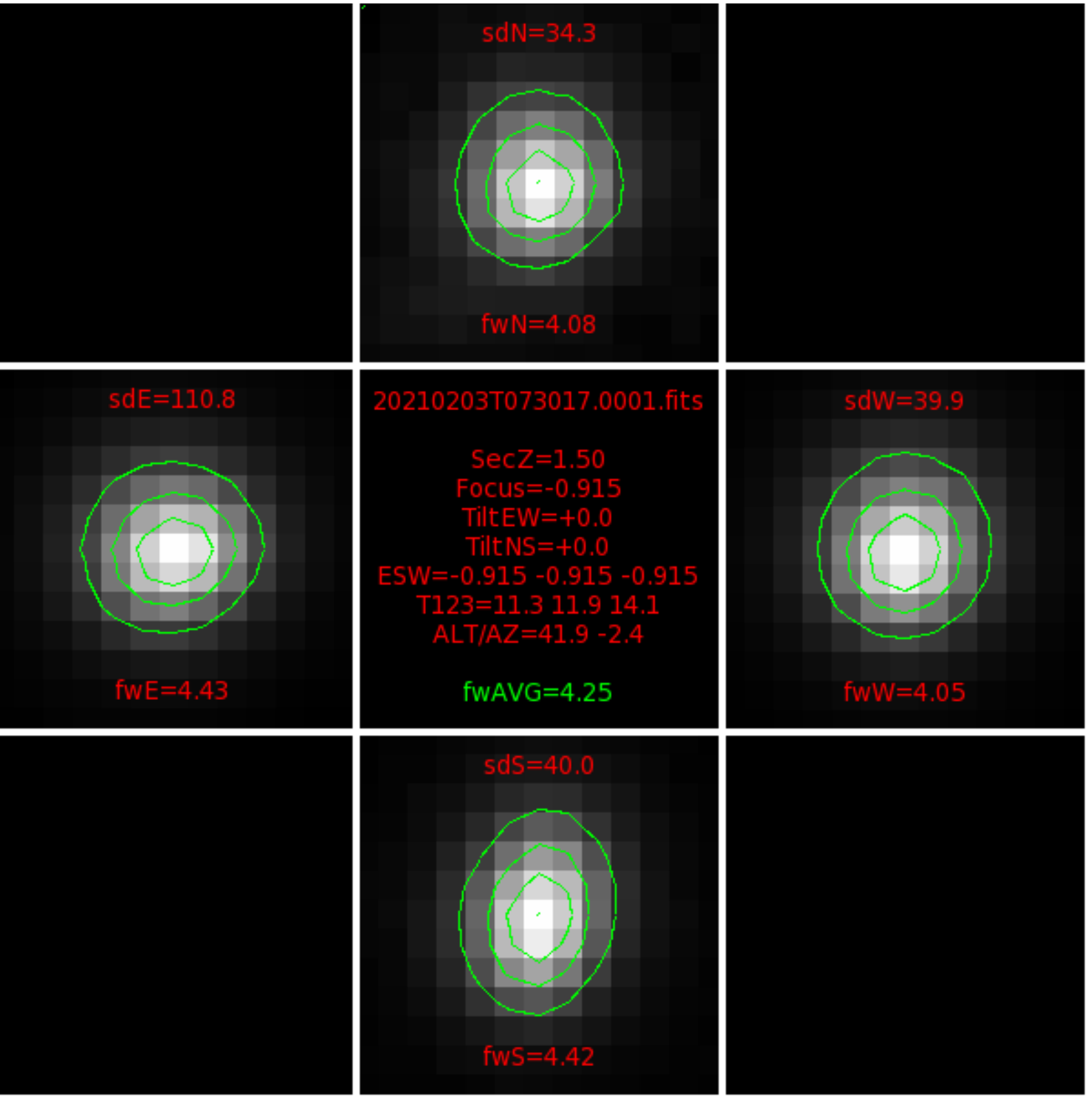

sdN=36.5
fwN=5.06
sdE=105.5
fwE=4.86
20210203T072556.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -2.1
fwAVG=5.00
sdW=44.4
fwW=5.02
sdS=49.1
fwS=5.05
0 0 0 0 0 0 0 0 0

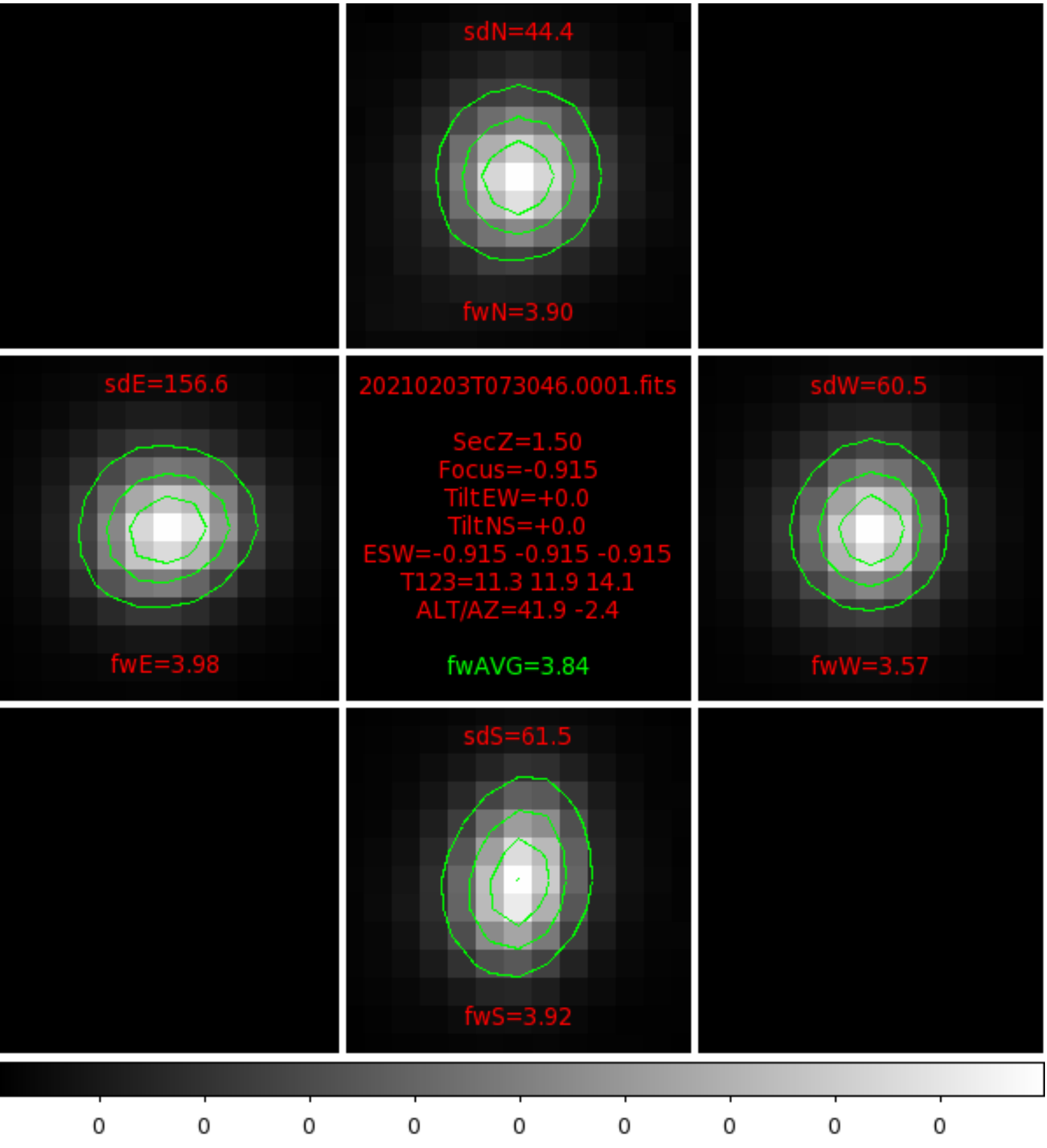

sdN=33.4
fwN=4.59
sdE=86.4
fwE=5.15
20210203T072721.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -2.2
fwAVG=4.90
sdW=38.0
fwW=4.98
sdS=40.2
fwS=4.87
0 0 0 0 0 0 0 0 0

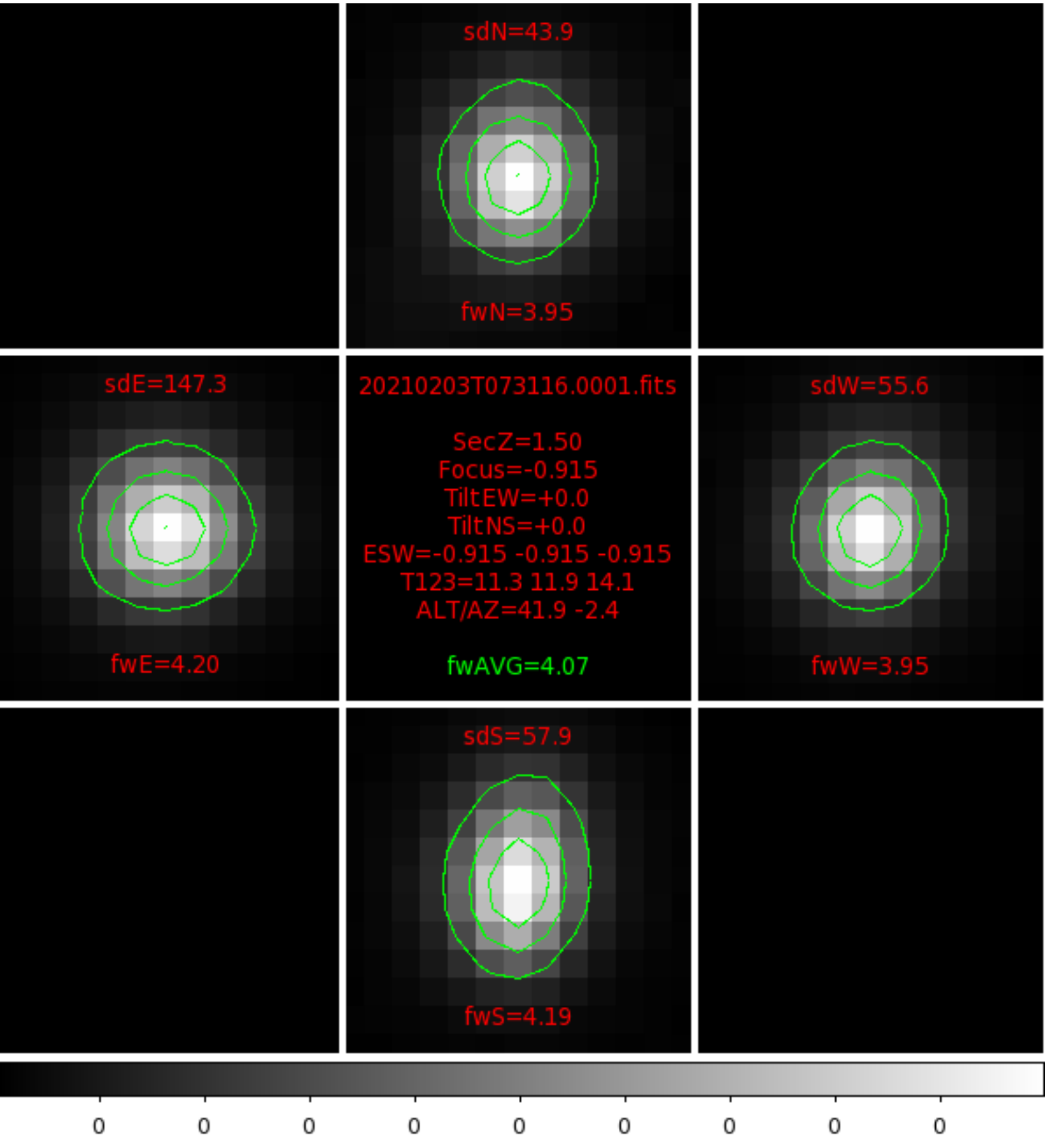

sdN=21.0
fwN=5.11
sdE=51.8
fwE=4.73
20210203T072750.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -2.2
fwAVG=5.00
sdW=22.0
fwW=5.08
sdS=20.1
fwS=5.10
0 0 0 0 0 0 0 0 0


sdN=21.8
fwN=4.38
sdE=55.0
fwE=5.01
20210203T072820.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -2.2
fwAVG=4.89
sdW=23.0
fwW=5.01
sdS=20.6
fwS=5.17
0 0 0 0 0 0 0 0 0


sdN=24.7
fwN=4.37
sdE=64.9
fwE=4.78
20210203T072849.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -2.3
fwAVG=4.49
sdW=26.0
fwW=4.39
sdS=24.5
fwS=4.43
0 0 0 0 0 0 0 0 0


sdN=34.3
fwN=4.08
sdE=110.8
fwE=4.43
20210203T073017.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -2.4
fwAVG=4.25
sdW=39.9
fwW=4.05
sdS=40.0
fwS=4.42
0 0 0 0 0 0 0 0 0


sdN=44.4
fwN=3.90
sdE=156.6
fwE=3.98
20210203T073046.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -2.4
fwAVG=3.84
sdW=60.5
fwW=3.57
sdS=61.5
fwS=3.92
0 0 0 0 0 0 0 0 0


sdN=43.9
fwN=3.95
sdE=147.3
fwE=4.20
20210203T073116.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -2.4
fwAVG=4.07
sdW=55.6
fwW=3.95
sdS=57.9
fwS=4.19
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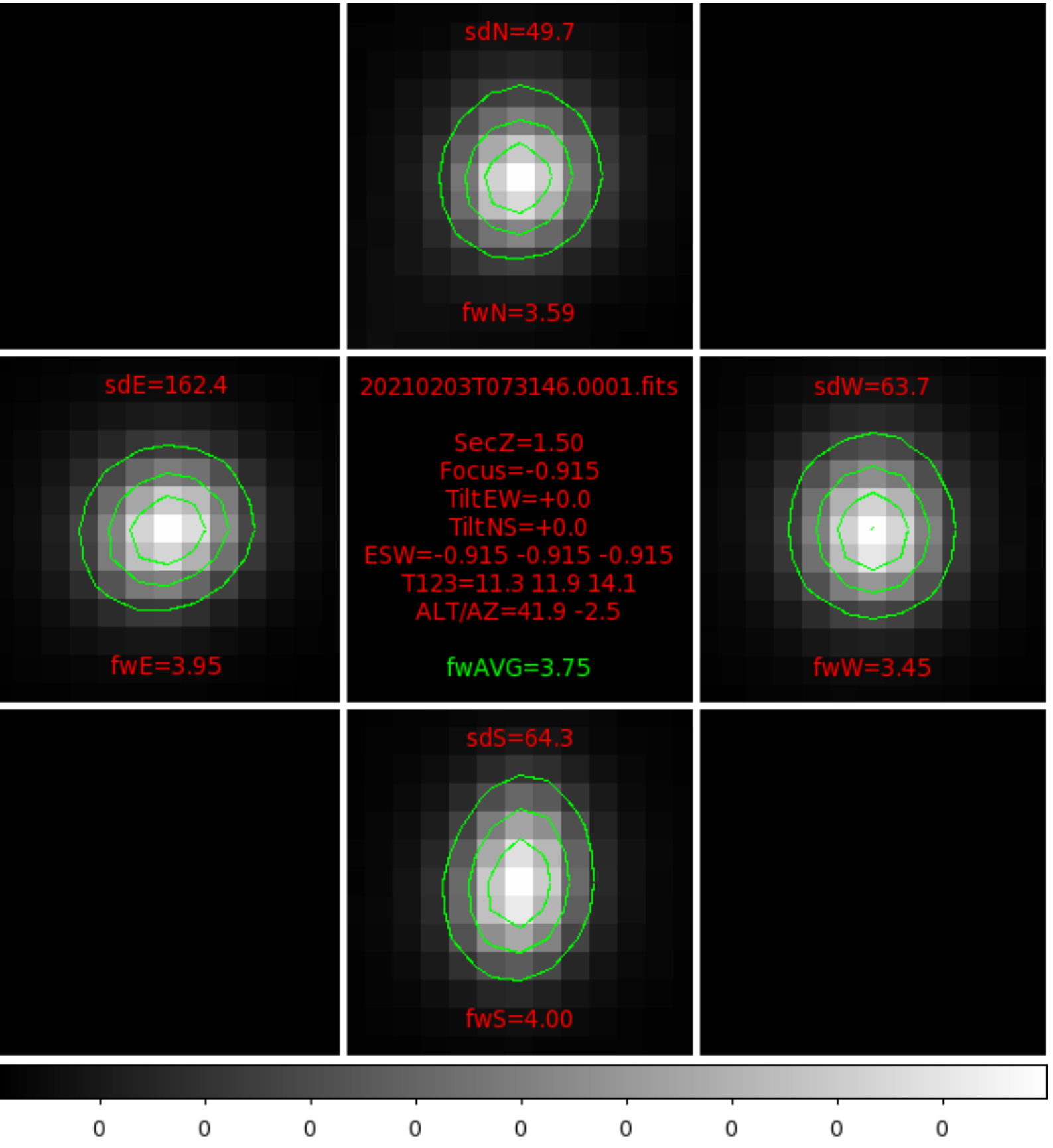
sdN=49.7
fwN=3.59
sdE=162.4
fwE=3.95
20210203T073146.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -2.5
fwAVG=3.75
sdW=63.7
fwW=3.45
sdS=64.3
fwS=4.00
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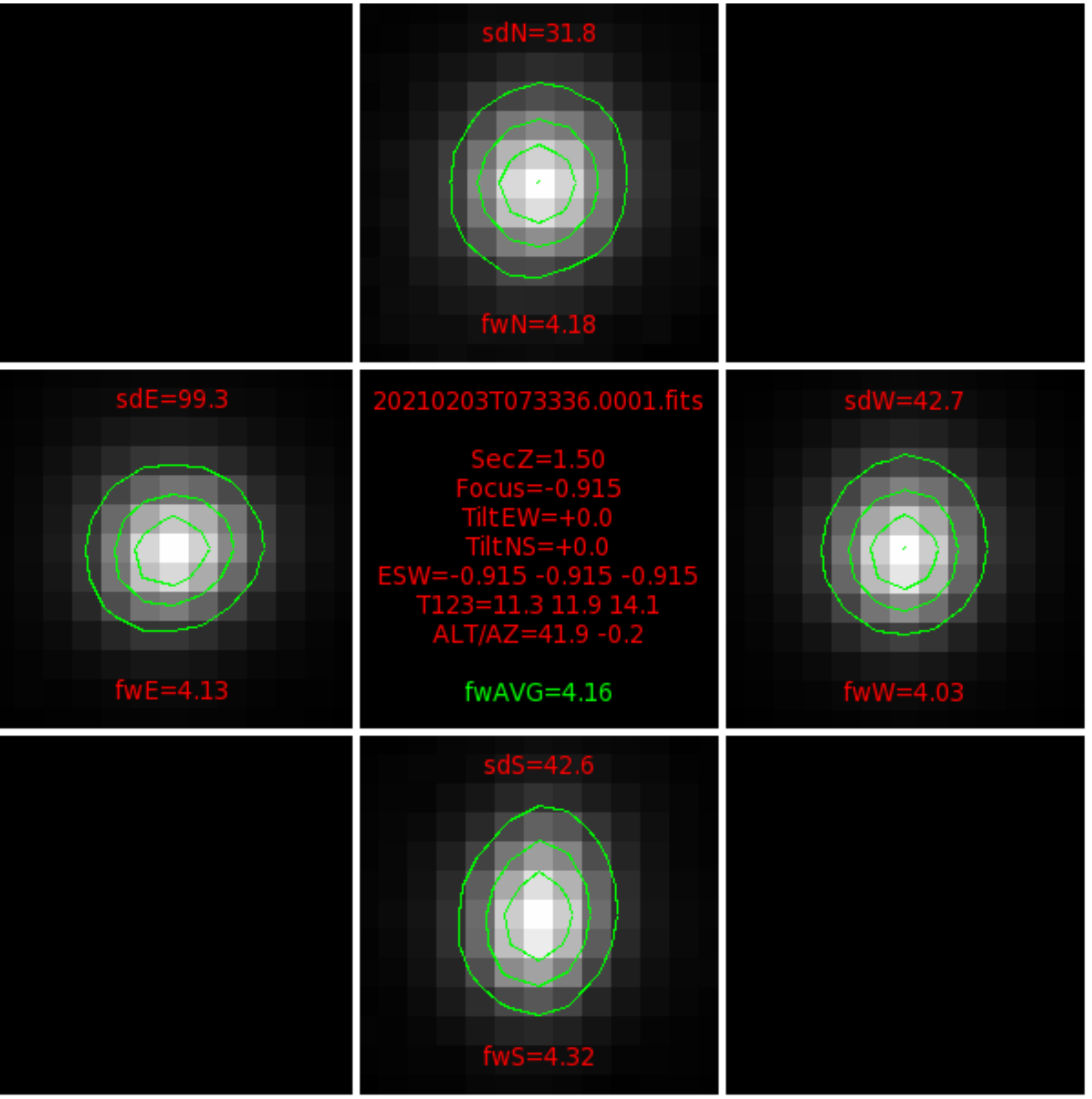
sdN=31.8
fwN=4.18
sdE=99.3
fwE=4.13
20210203T073336.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -0.2
fwAVG=4.16
sdW=42.7
fwW=4.03
sdS=42.6
fwS=4.32
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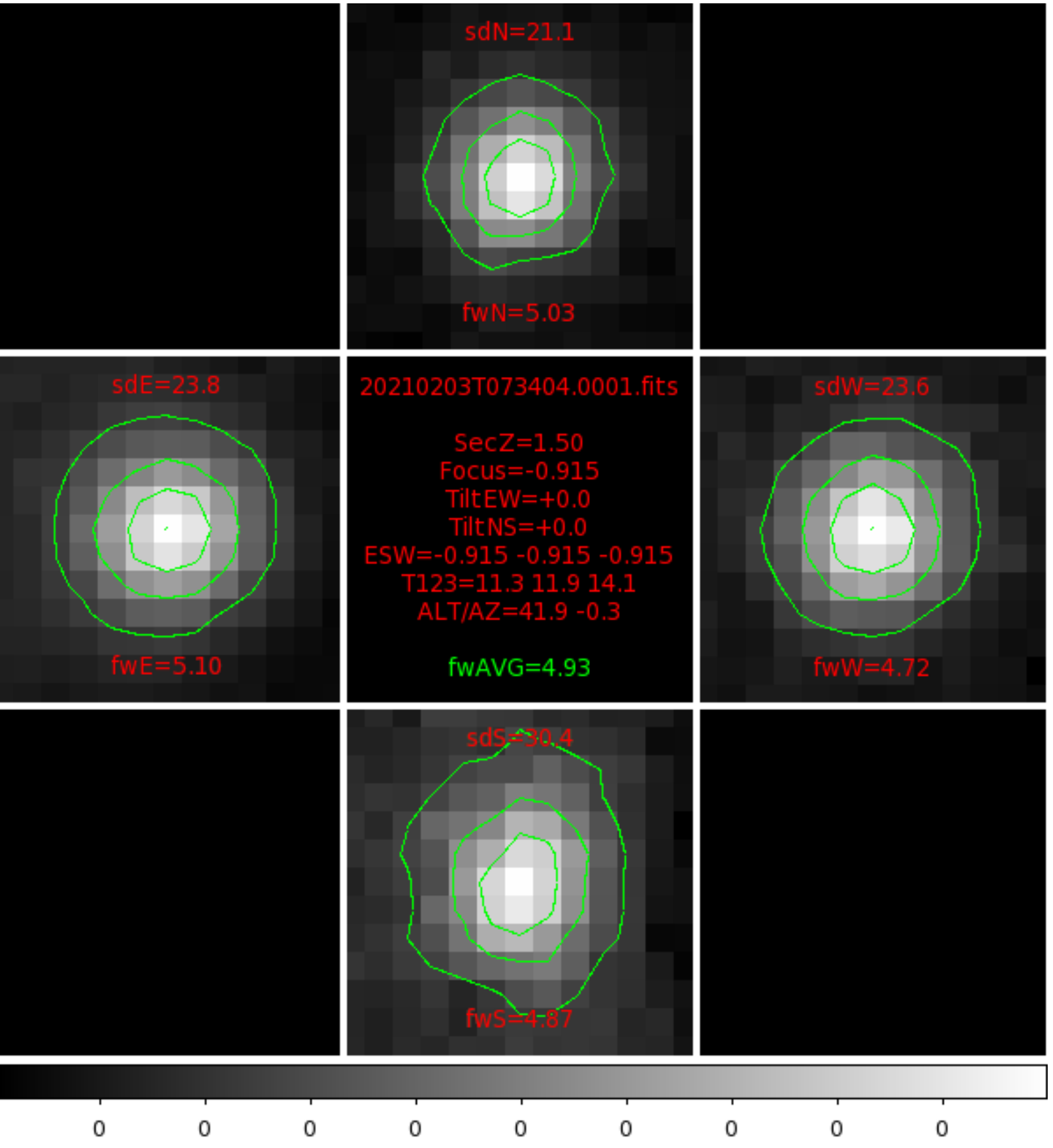
sdN=21.1
fwN=5.03
sdE=23.8
fwE=5.10
20210203T073404.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -0.3
fwAVG=4.93
sdW=23.6
fwW=4.72
sdS=30.4
fwS=4.87
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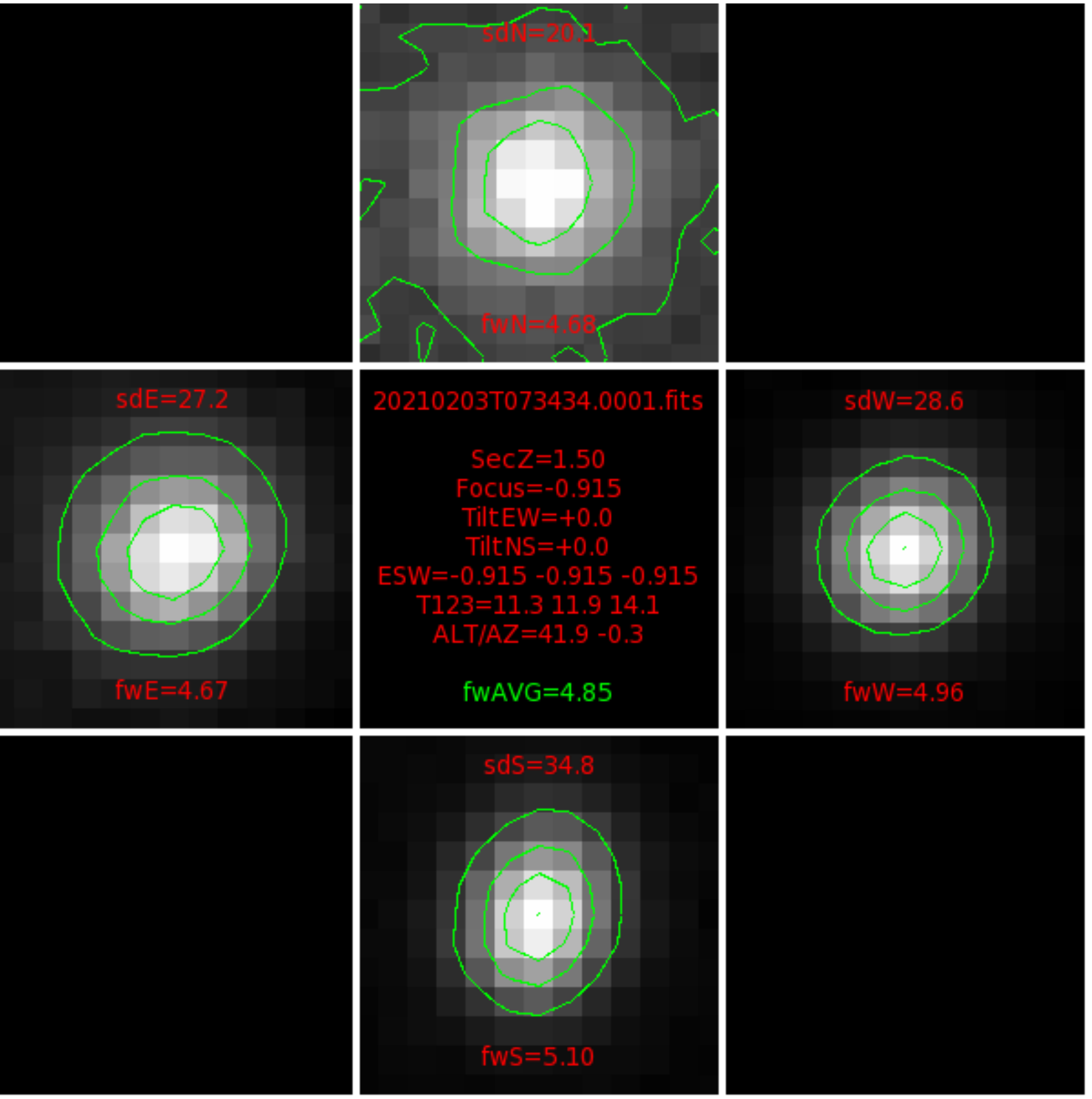
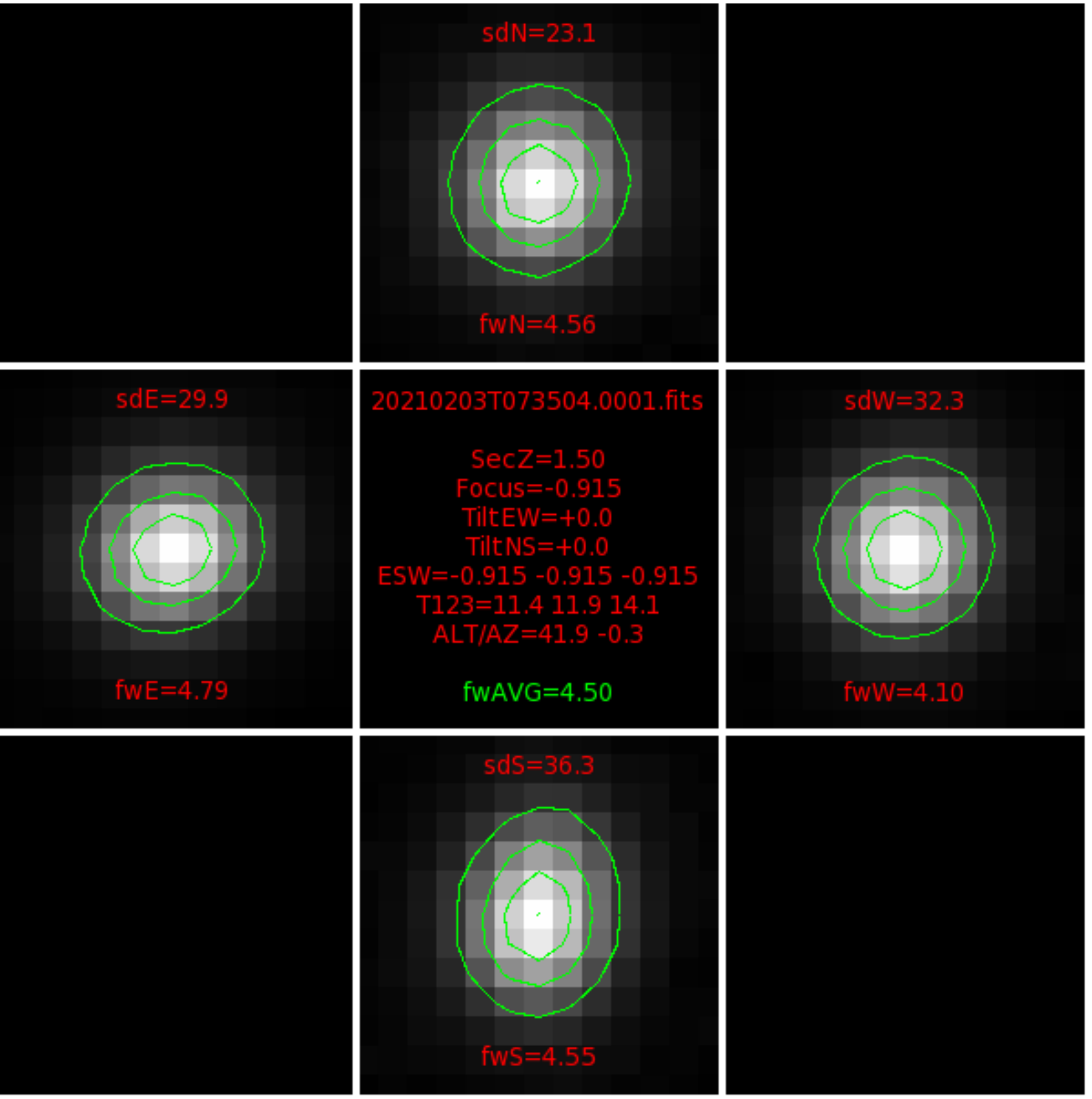
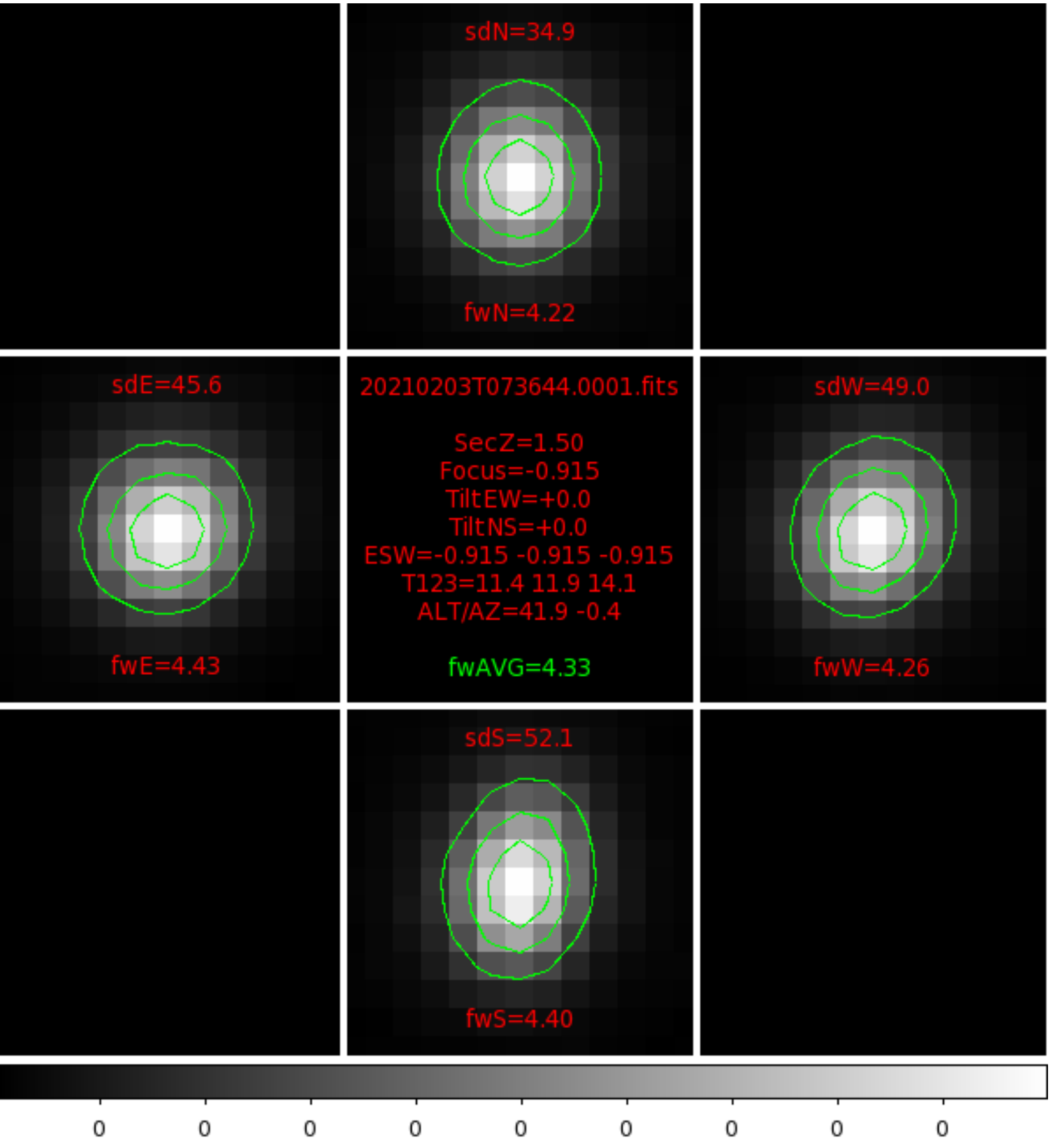

sdN=20.1
fwN=4.68
sdE=27.2
fwE=4.67
20210203T073434.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.3 11.9 14.1
ALT/AZ=41.9 -0.3
fwAVG=4.85
sdW=28.6
fwW=4.96
sdS=34.8
fwS=5.10
0 0 0 0 0 0 0 0 0


sdN=23.1
fwN=4.56
sdE=29.9
fwE=4.79
20210203T073504.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.4 11.9 14.1
ALT/AZ=41.9 -0.3
fwAVG=4.50
sdW=32.3
fwW=4.10
sdS=36.3
fwS=4.55
0 0 0 0 0 0 0 0 0


sdN=34.9
fwN=4.22
sdE=45.6
fwE=4.43
20210203T073644.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.4 11.9 14.1
ALT/AZ=41.9 -0.4
fwAVG=4.33
sdW=49.0
fwW=4.26
sdS=52.1
fwS=4.40
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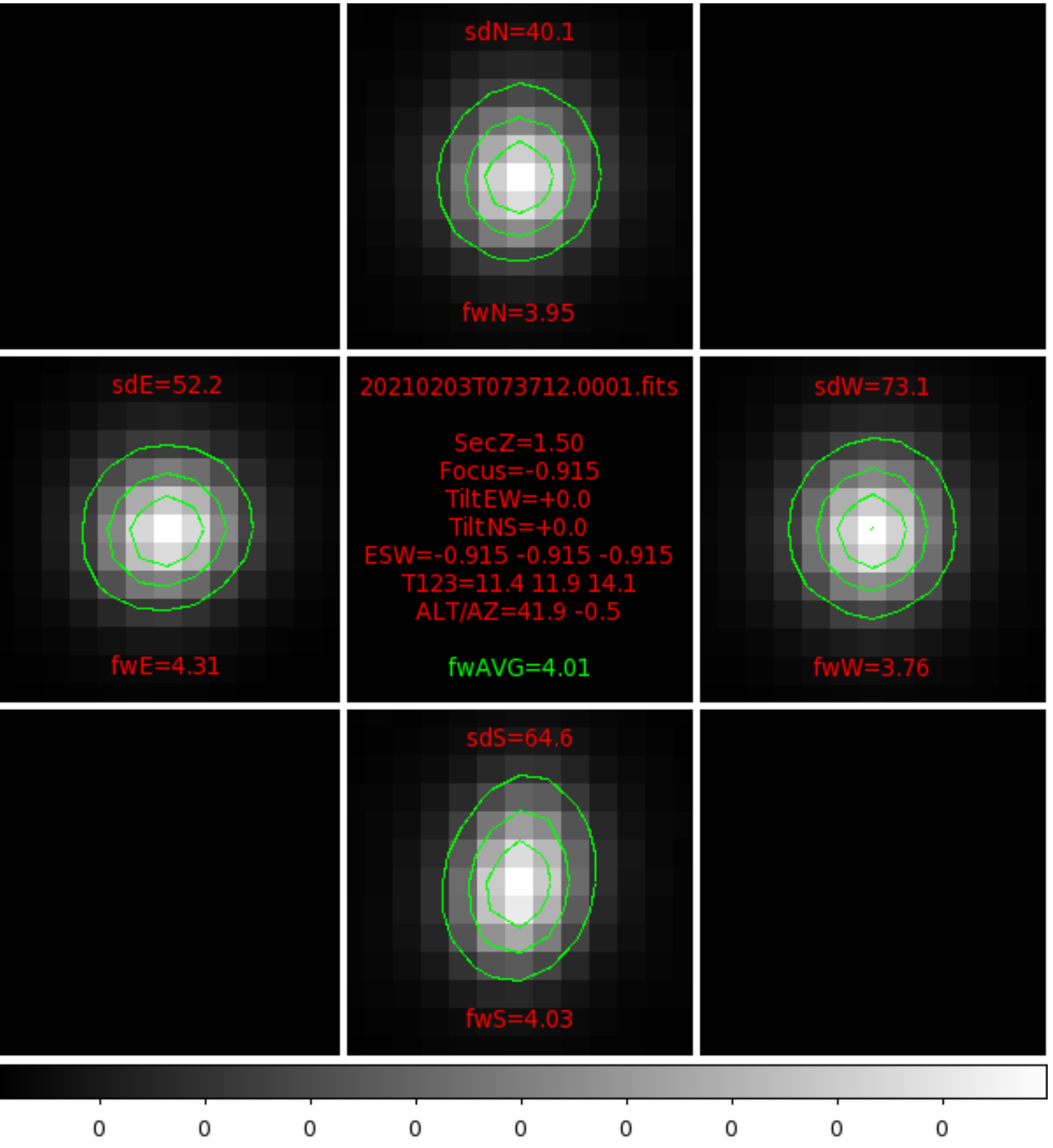
sdN=40.1
fwN=3.95
sdE=52.2
fwE=4.31
20210203T073712.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.4 11.9 14.1
ALT/AZ=41.9 -0.5
fwAVG=4.01
sdW=73.1
fwW=3.76
sdS=64.6
fwS=4.03
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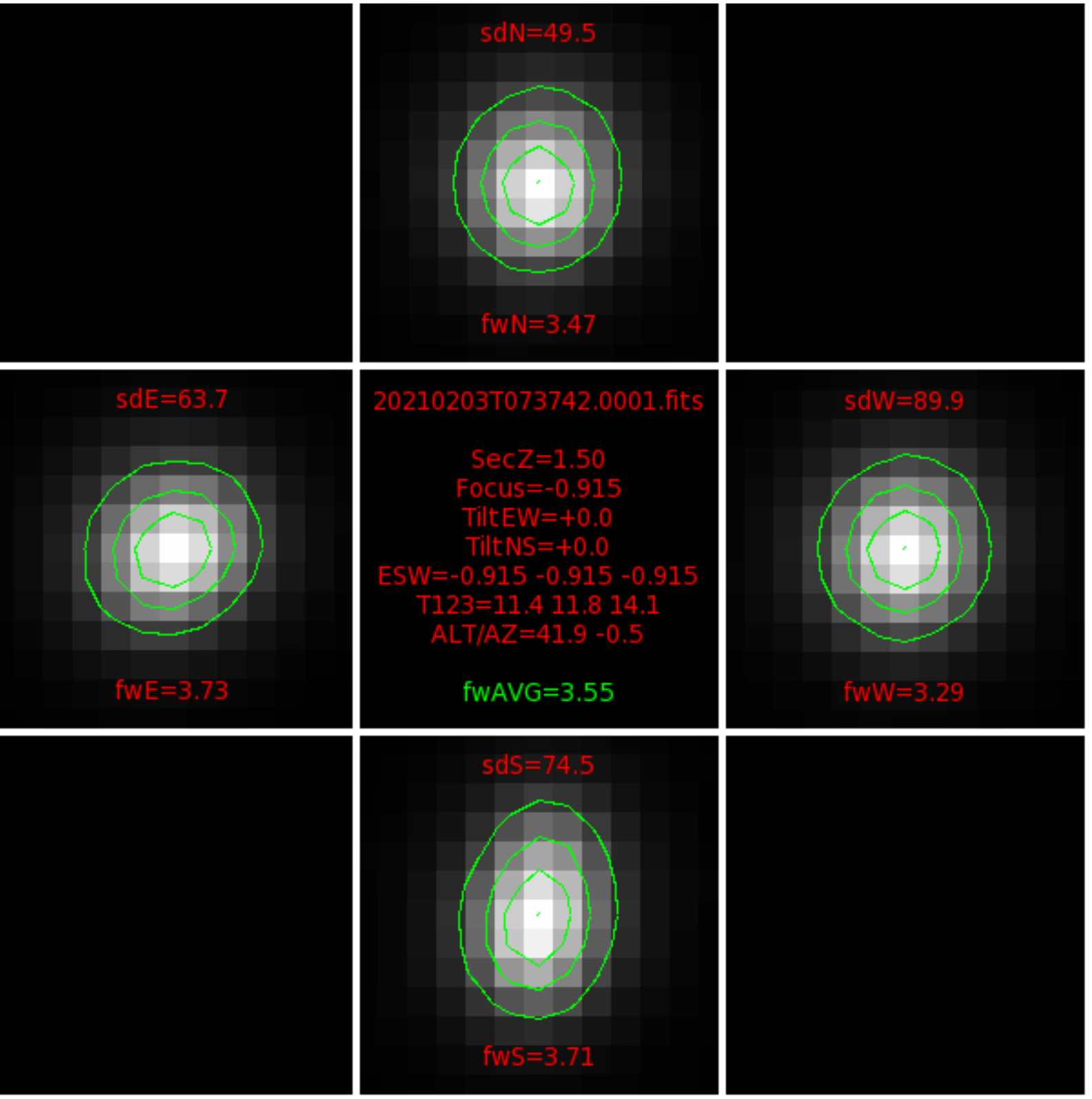
sdN=49.5
fwN=3.47
sdE=63.7
fwE=3.73
20210203T073742.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.4 11.8 14.1
ALT/AZ=41.9 -0.5
fwAVG=3.55
sdW=89.9
fwW=3.29
sdS=74.5
fwS=3.71
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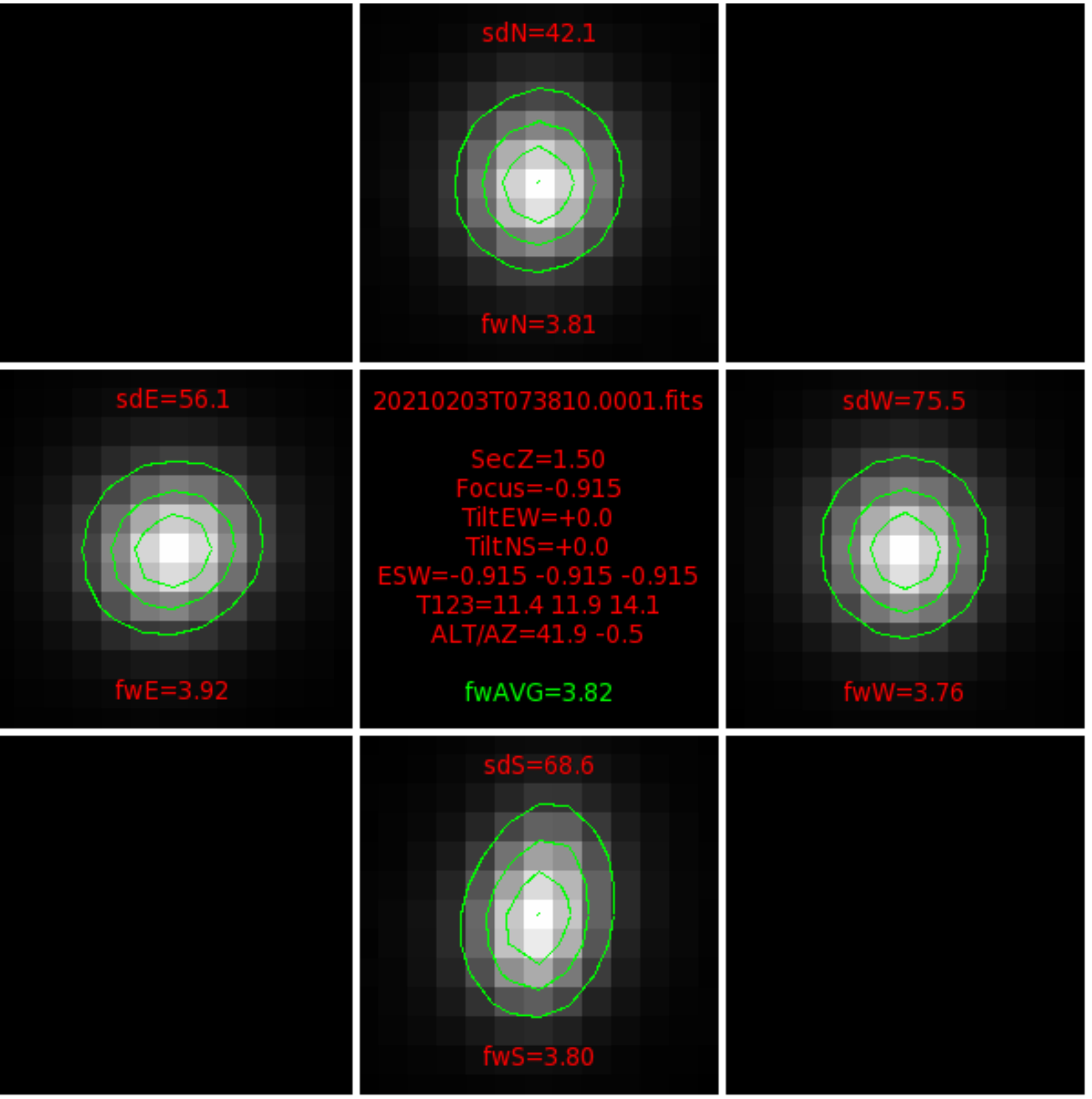
sdN=42.1
fwN=3.81
sdE=56.1
fwE=3.92
20210203T073810.0001.fits
SecZ=1.50
Focus=-0.915
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.915 -0.915 -0.915
T123=11.4 11.9 14.1
ALT/AZ=41.9 -0.5
fwAVG=3.82
sdW=75.5
fwW=3.76
sdS=68.6
fwS=3.80
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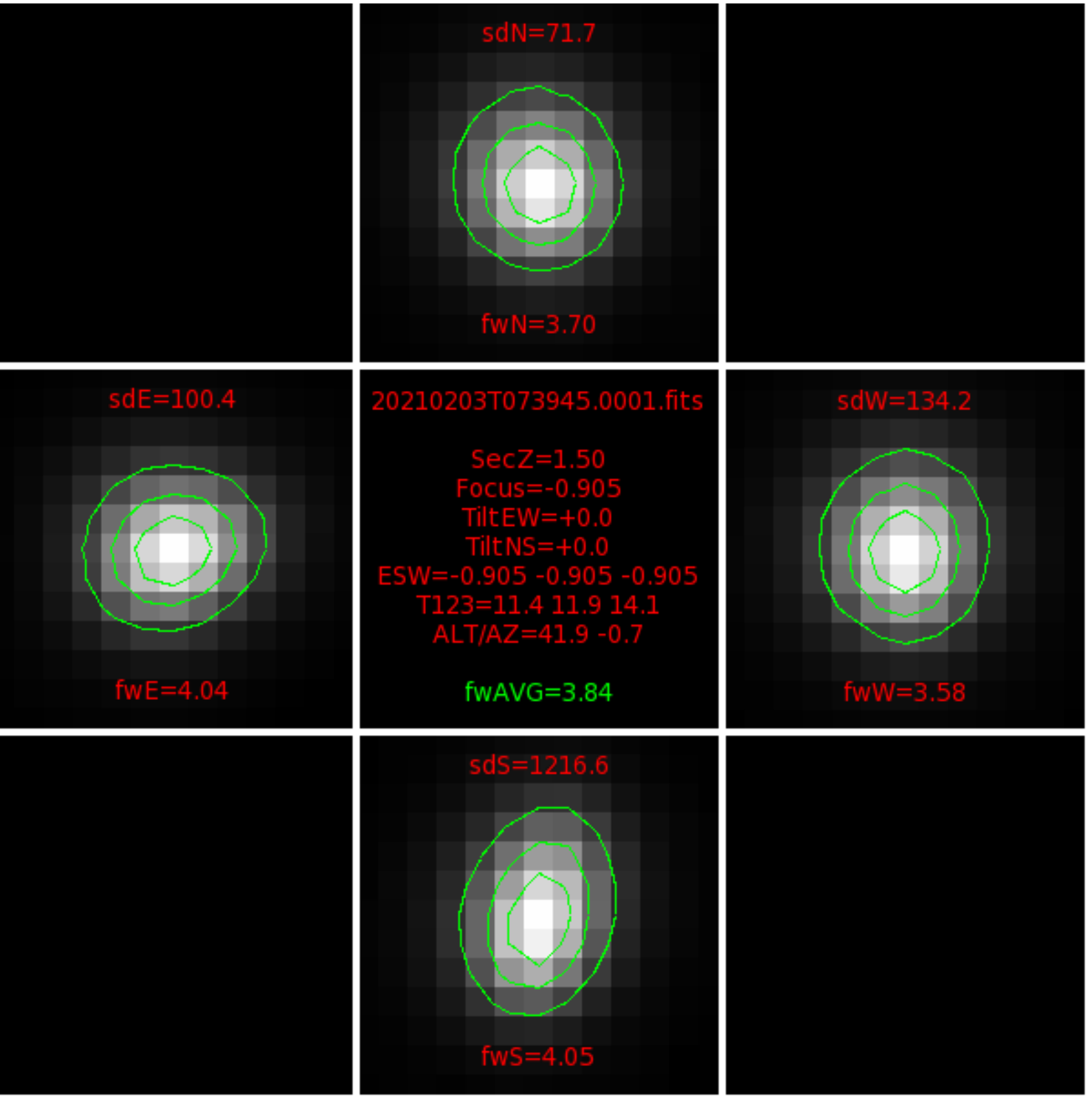
sdN=71.7
fwN=3.70
sdE=100.4
fwE=4.04
20210203T073945.0001.fits
SecZ=1.50
Focus=-0.905
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.905 -0.905 -0.905
T123=11.4 11.9 14.1
ALT/AZ=41.9 -0.7
fwAVG=3.84
sdW=134.2
fwW=3.58
sdS=1216.6
fwS=4.05
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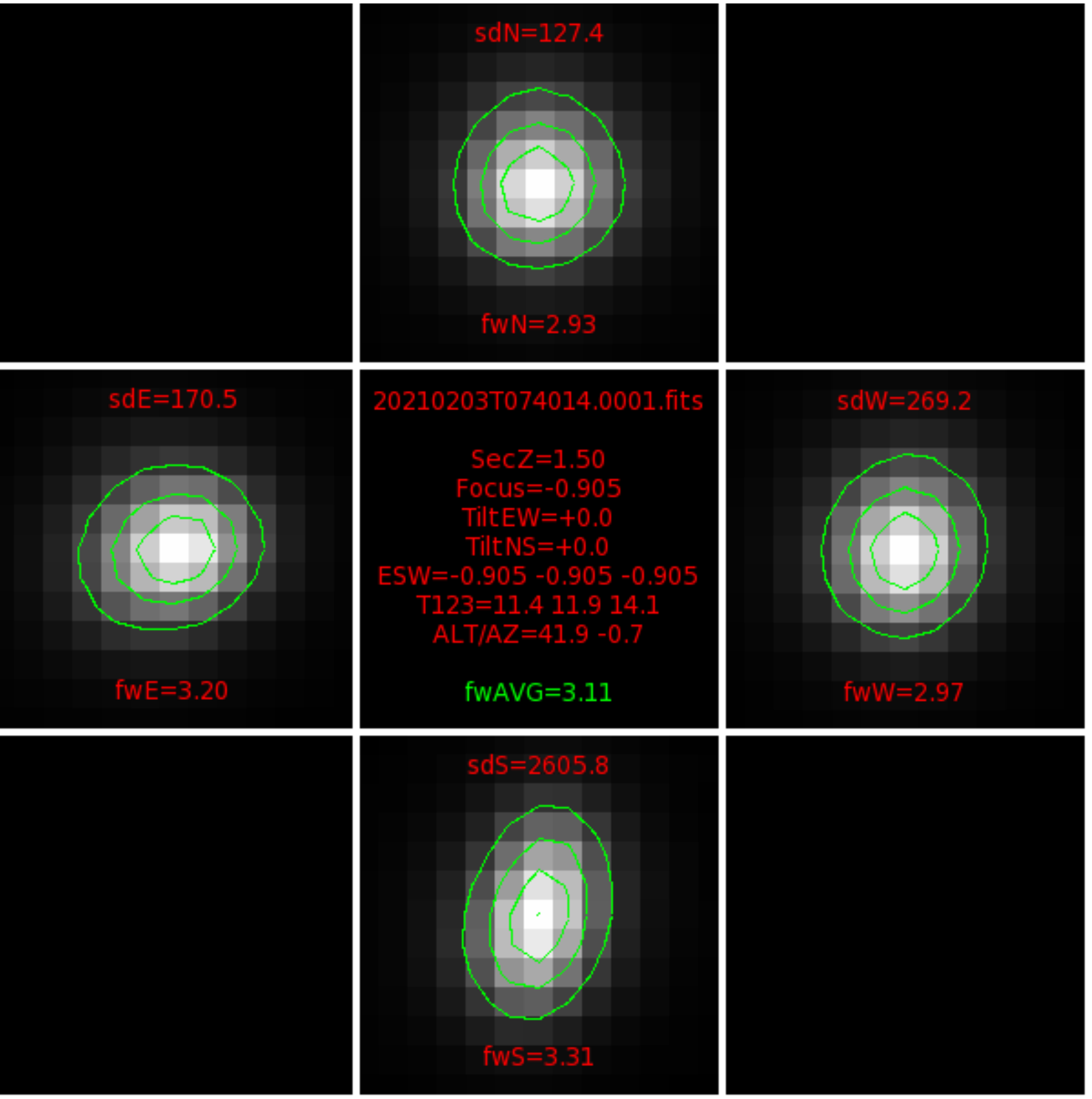
sdN=127.4
fwN=2.93
sdE=170.5
fwE=3.20
20210203T074014.0001.fits
SecZ=1.50
Focus=-0.905
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.905 -0.905 -0.905
T123=11.4 11.9 14.1
ALT/AZ=41.9 -0.7
fwAVG=3.11
sdW=269.2
fwW=2.97
sdS=2605.8
fwS=3.31
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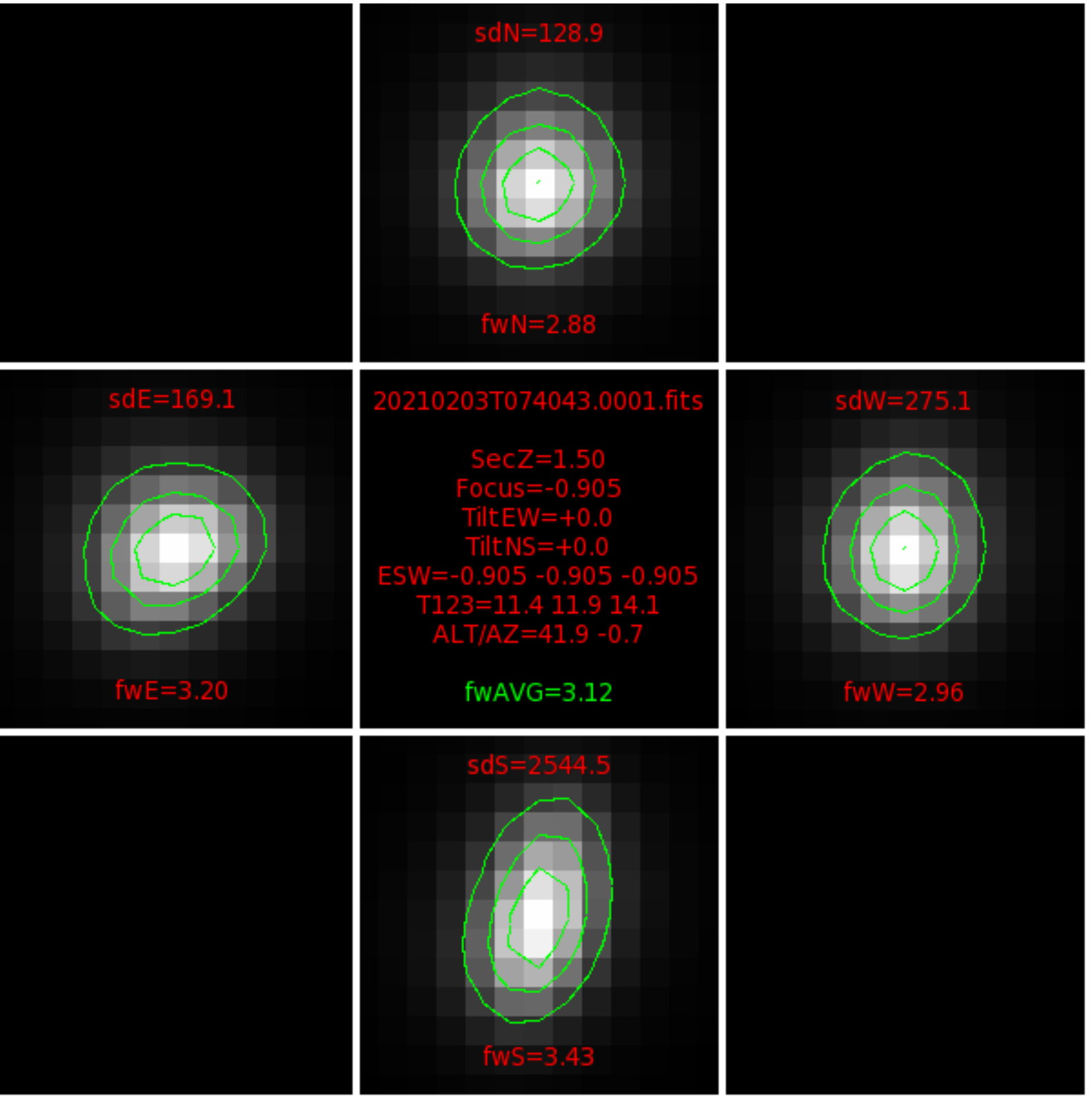
sdN=128.9
fwN=2.88
sdE=169.1
fwE=3.20
20210203T074043.0001.fits
SecZ=1.50
Focus=-0.905
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.905 -0.905 -0.905
T123=11.4 11.9 14.1
ALT/AZ=41.9 -0.7
fwAVG=3.12
sdW=275.1
fwW=2.96
sdS=2544.5
fwS=3.43
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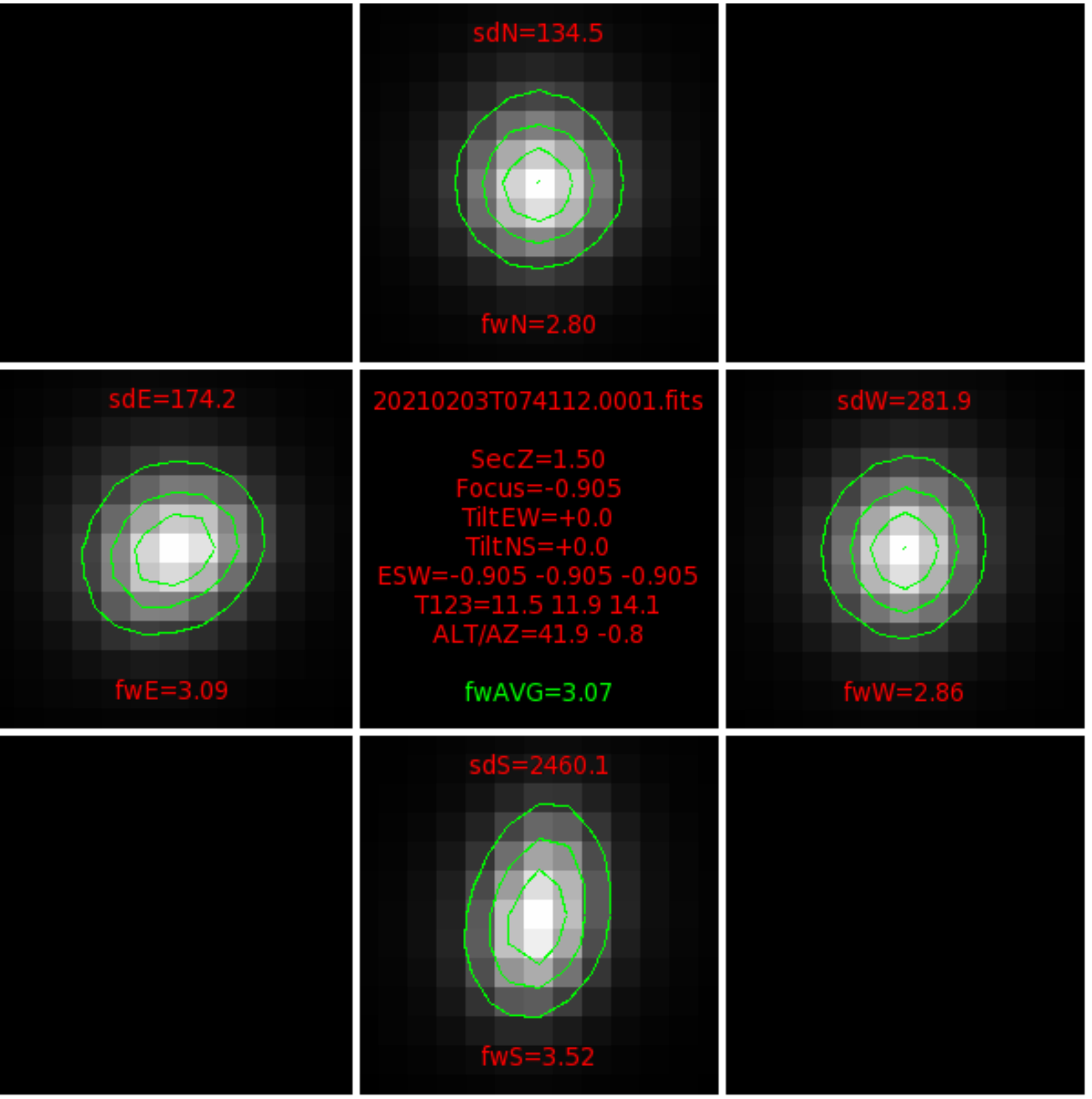
sdN=134.5
fwN=2.80
sdE=174.2
fwE=3.09
20210203T074112.0001.fits
SecZ=1.50
Focus=-0.905
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.905 -0.905 -0.905
T123=11.5 11.9 14.1
ALT/AZ=41.9 -0.8
fwAVG=3.07
sdW=281.9
fwW=2.86
sdS=2460.1
fwS=3.52
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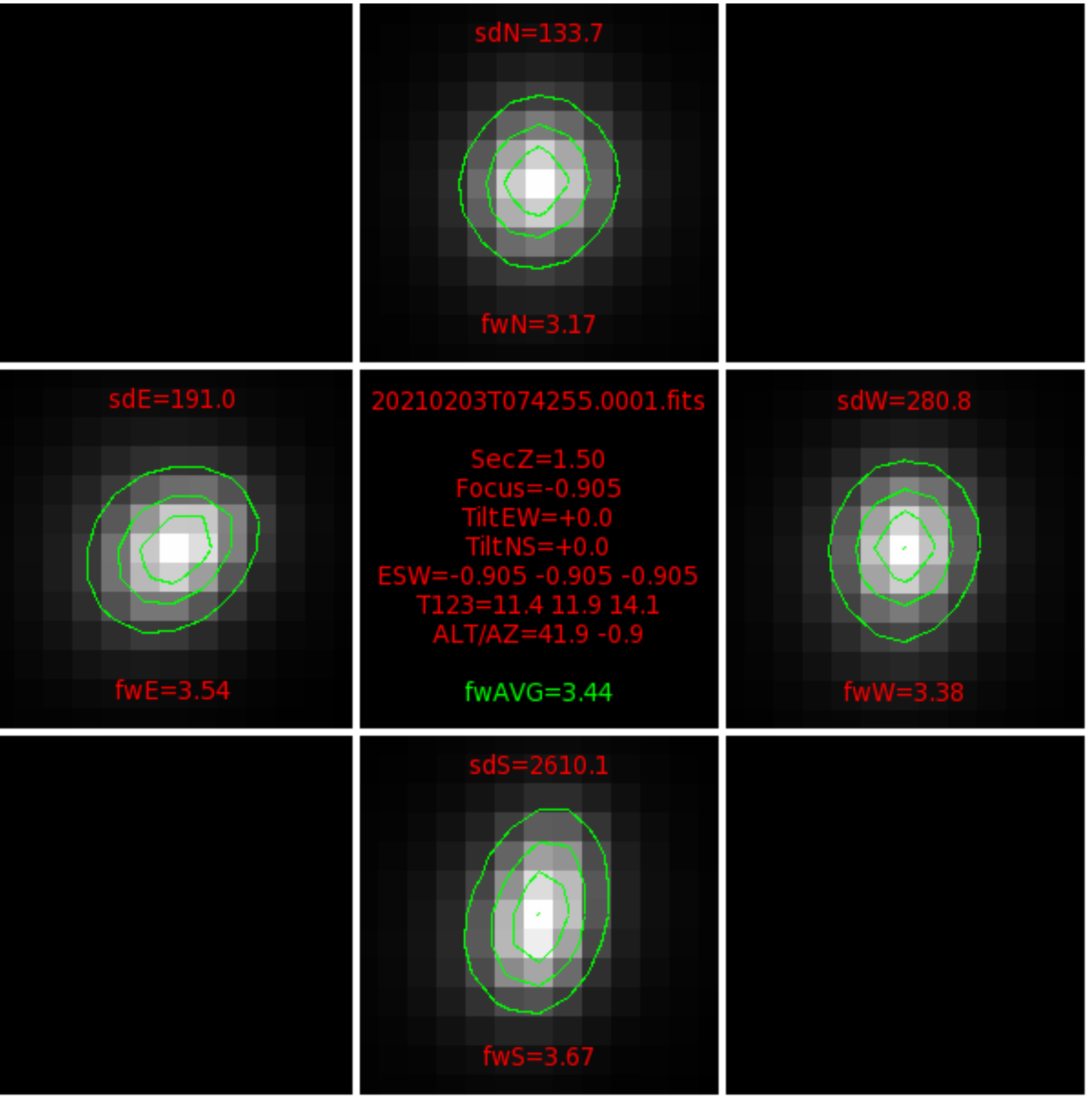
sdN=133.7
fwN=3.17
sdE=191.0
fwE=3.54
20210203T074255.0001.fits
SecZ=1.50
Focus=-0.905
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.905 -0.905 -0.905
T123=11.4 11.9 14.1
ALT/AZ=41.9 -0.9
fwAVG=3.44
sdW=280.8
fwW=3.38
sdS=2610.1
fwS=3.67
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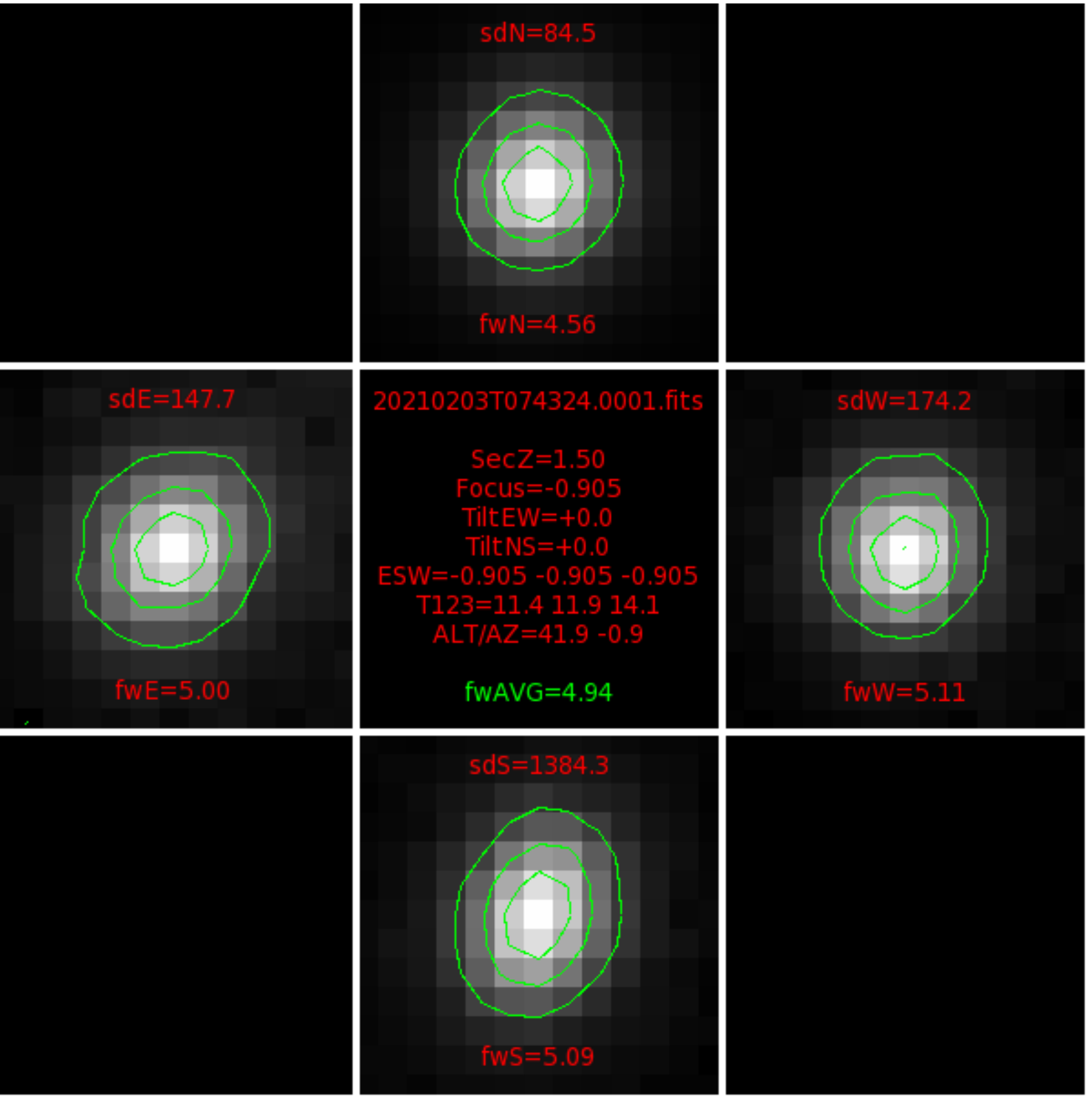
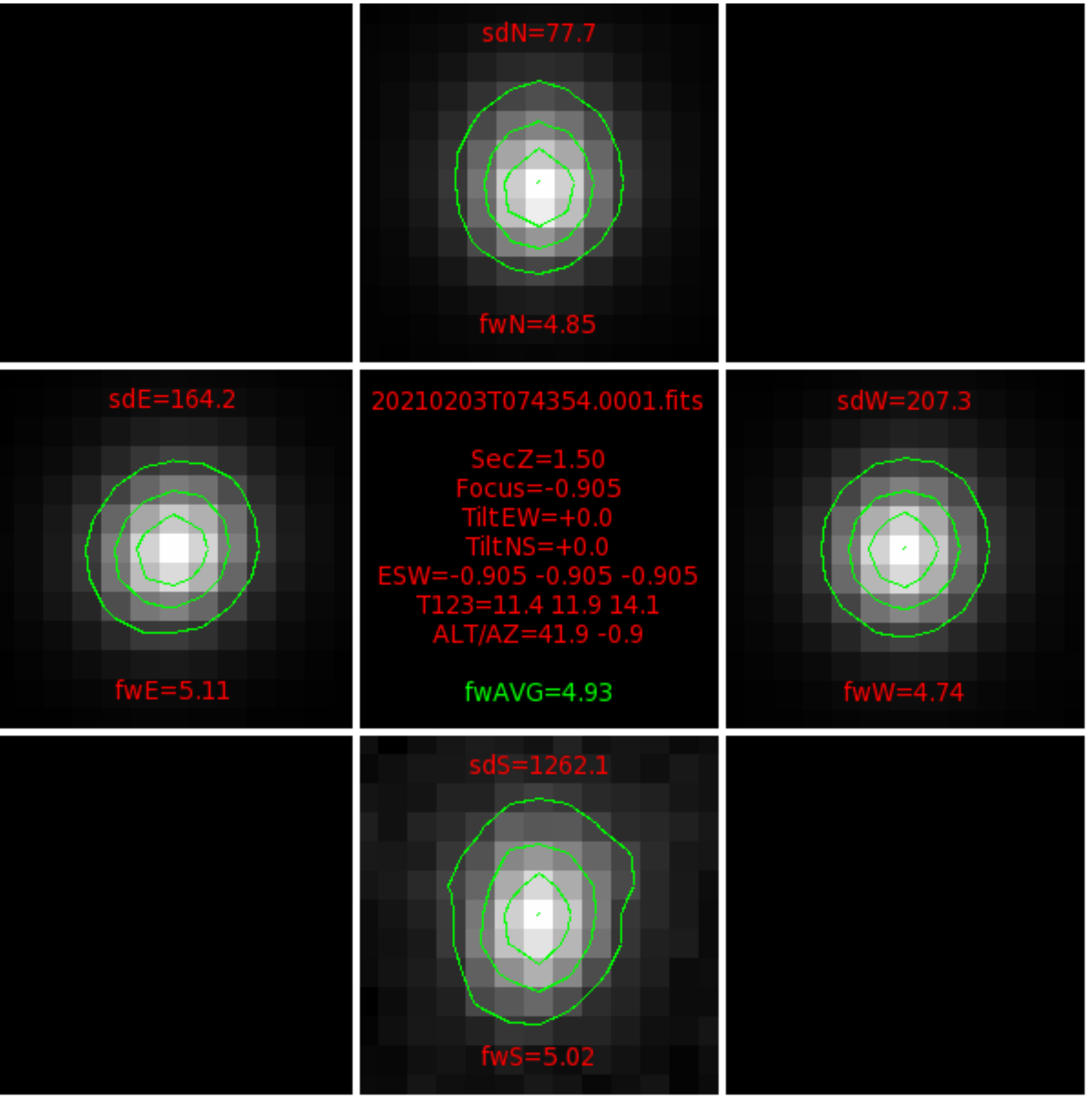
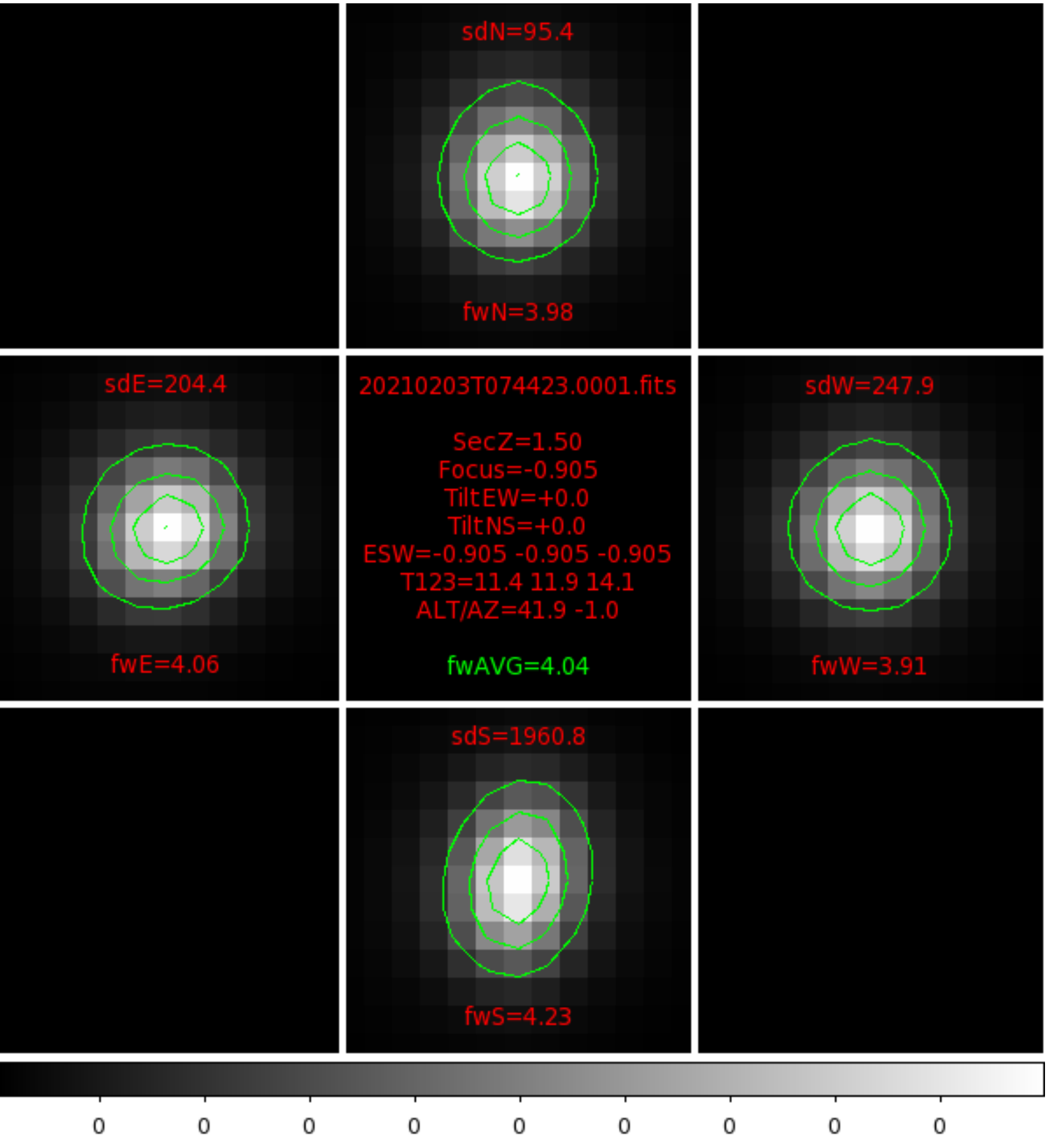

sdN=84.5
fwN=4.56
sdE=147.7
fwE=5.00
20210203T074324.0001.fits
SecZ=1.50
Focus=-0.905
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.905 -0.905 -0.905
T123=11.4 11.9 14.1
ALT/AZ=41.9 -0.9
fwAVG=4.94
sdW=174.2
fwW=5.11
sdS=1384.3
fwS=5.09
0 0 0 0 0 0 0 0 0


sdN=77.7
fwN=4.85
sdE=164.2
fwE=5.11
20210203T074354.0001.fits
SecZ=1.50
Focus=-0.905
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.905 -0.905 -0.905
T123=11.4 11.9 14.1
ALT/AZ=41.9 -0.9
fwAVG=4.93
sdW=207.3
fwW=4.74
sdS=1262.1
fwS=5.02
0 0 0 0 0 0 0 0 0


sdN=95.4
fwN=3.98
sdE=204.4
fwE=4.06
20210203T074423.0001.fits
SecZ=1.50
Focus=-0.905
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.905 -0.905 -0.905
T123=11.4 11.9 14.1
ALT/AZ=41.9 -1.0
fwAVG=4.04
sdW=247.9
fwW=3.91
sdS=1960.8
fwS=4.23
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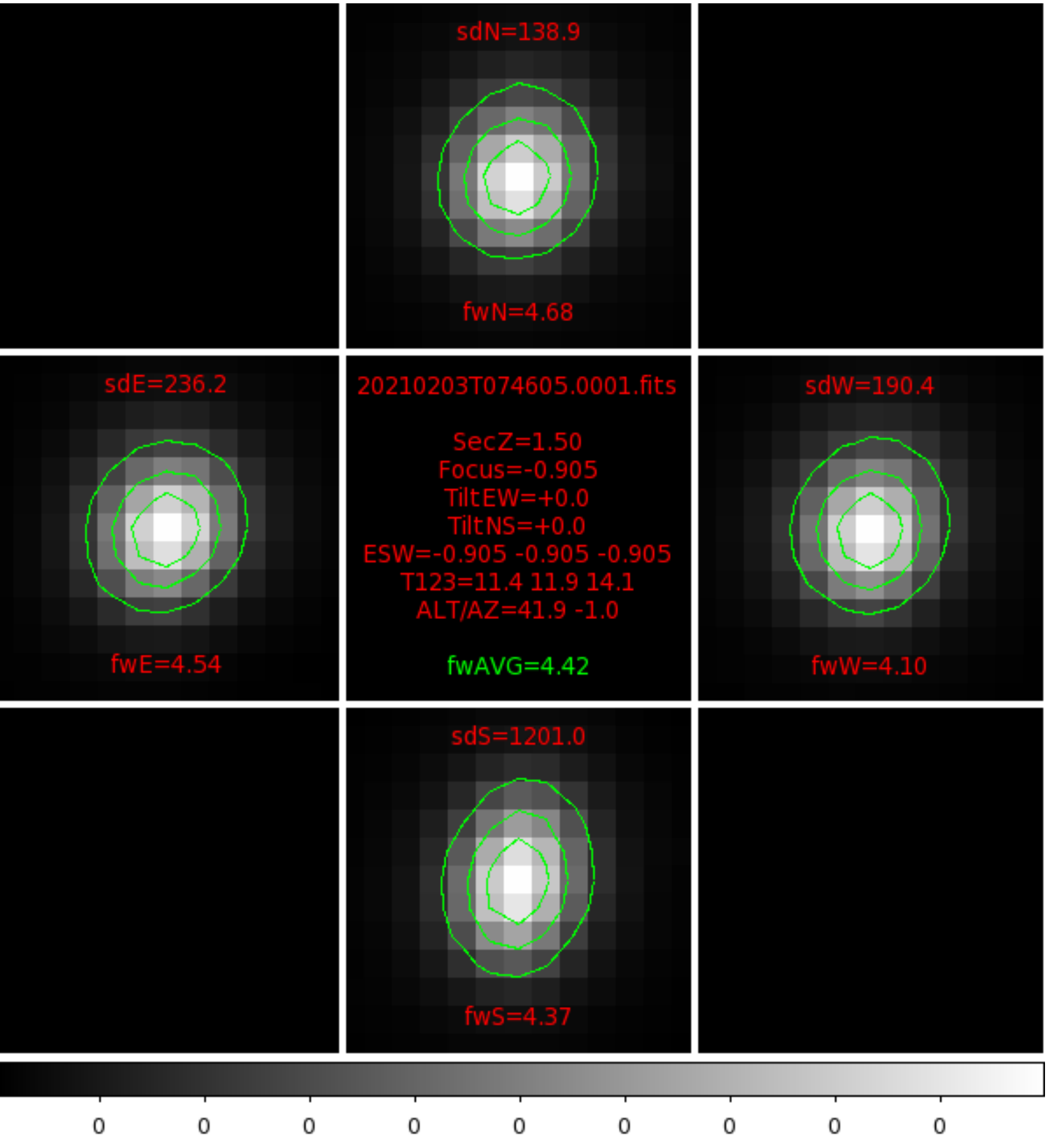
sdN=138.9
fwN=4.68
sdE=236.2
fwE=4.54
20210203T074605.0001.fits
SecZ=1.50
Focus=-0.905
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.905 -0.905 -0.905
T123=11.4 11.9 14.1
ALT/AZ=41.9 -1.0
fwAVG=4.42
sdW=190.4
fwW=4.10
sdS=1201.0
fwS=4.37
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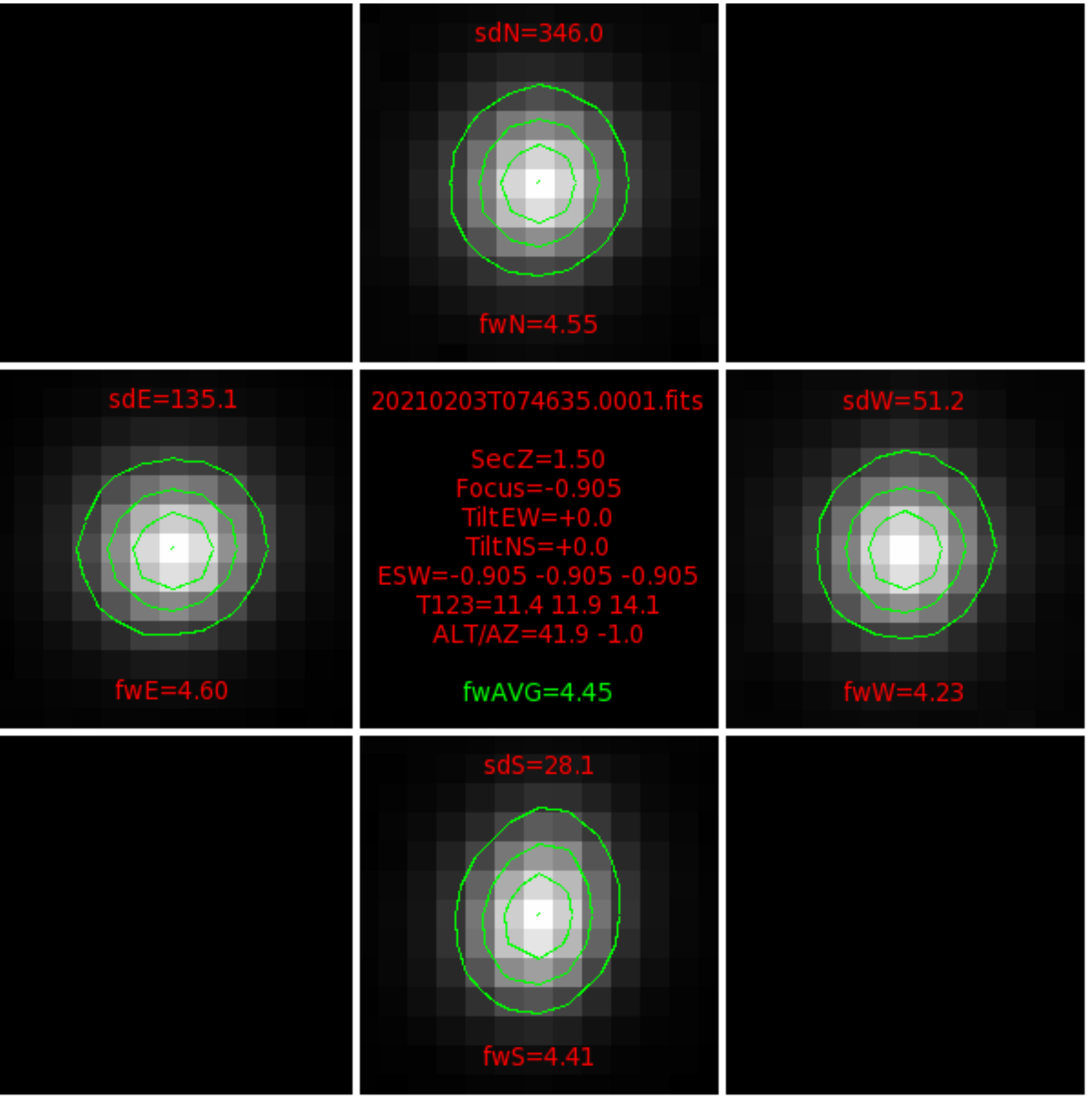
sdN=346.0
fwN=4.55
sdE=135.1
fwE=4.60
20210203T074635.0001.fits
SecZ=1.50
Focus=-0.905
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.905 -0.905 -0.905
T123=11.4 11.9 14.1
ALT/AZ=41.9 -1.0
fwAVG=4.45
sdW=51.2
fwW=4.23
sdS=28.1
fwS=4.41
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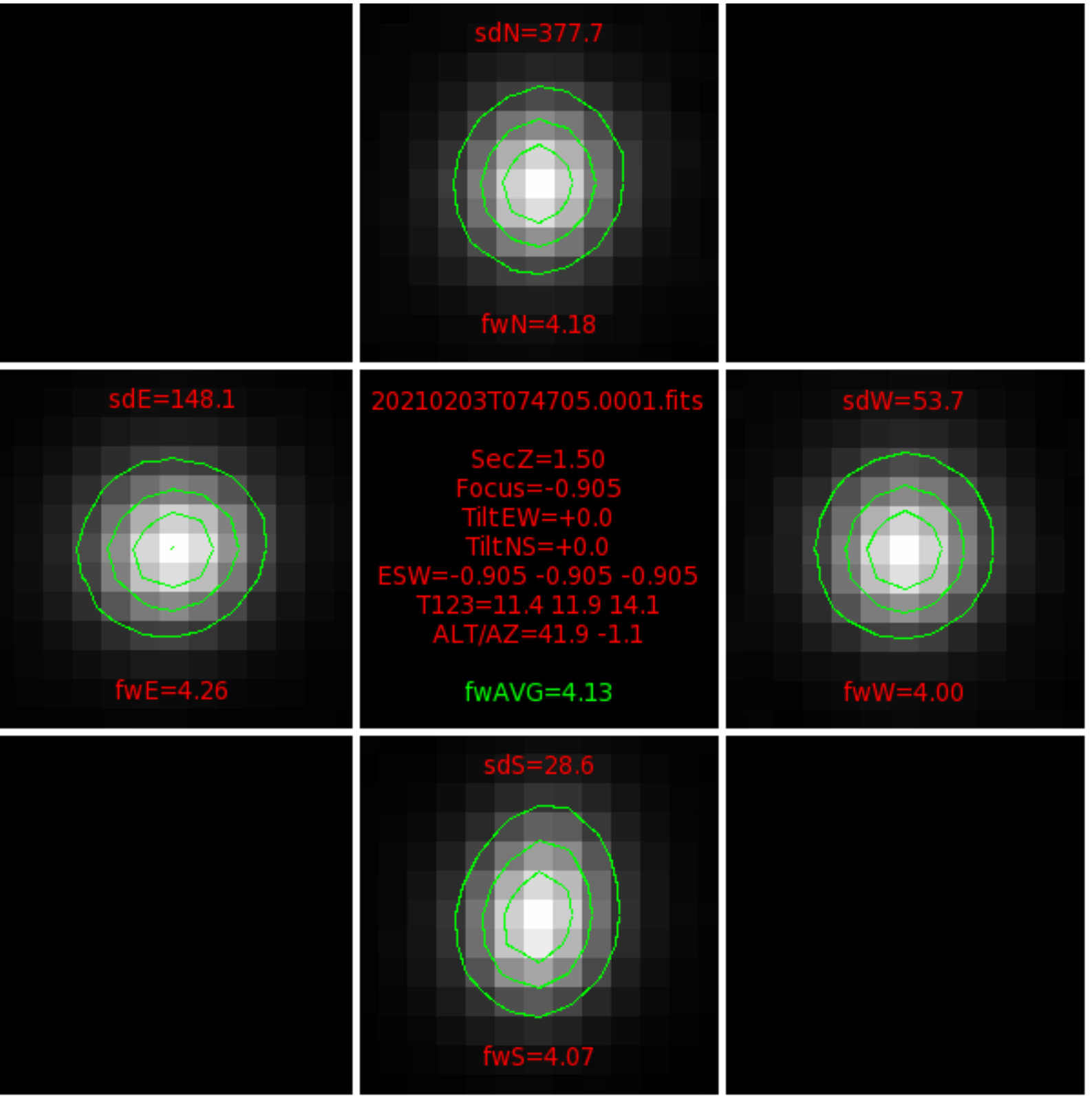
sdN=377.7
fwN=4.18
sdE=148.1
fwE=4.26
20210203T074705.0001.fits
SecZ=1.50
Focus=-0.905
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.905 -0.905 -0.905
T123=11.4 11.9 14.1
ALT/AZ=41.9 -1.1
fwAVG=4.13
sdW=53.7
fwW=4.00
sdS=28.6
fwS=4.07
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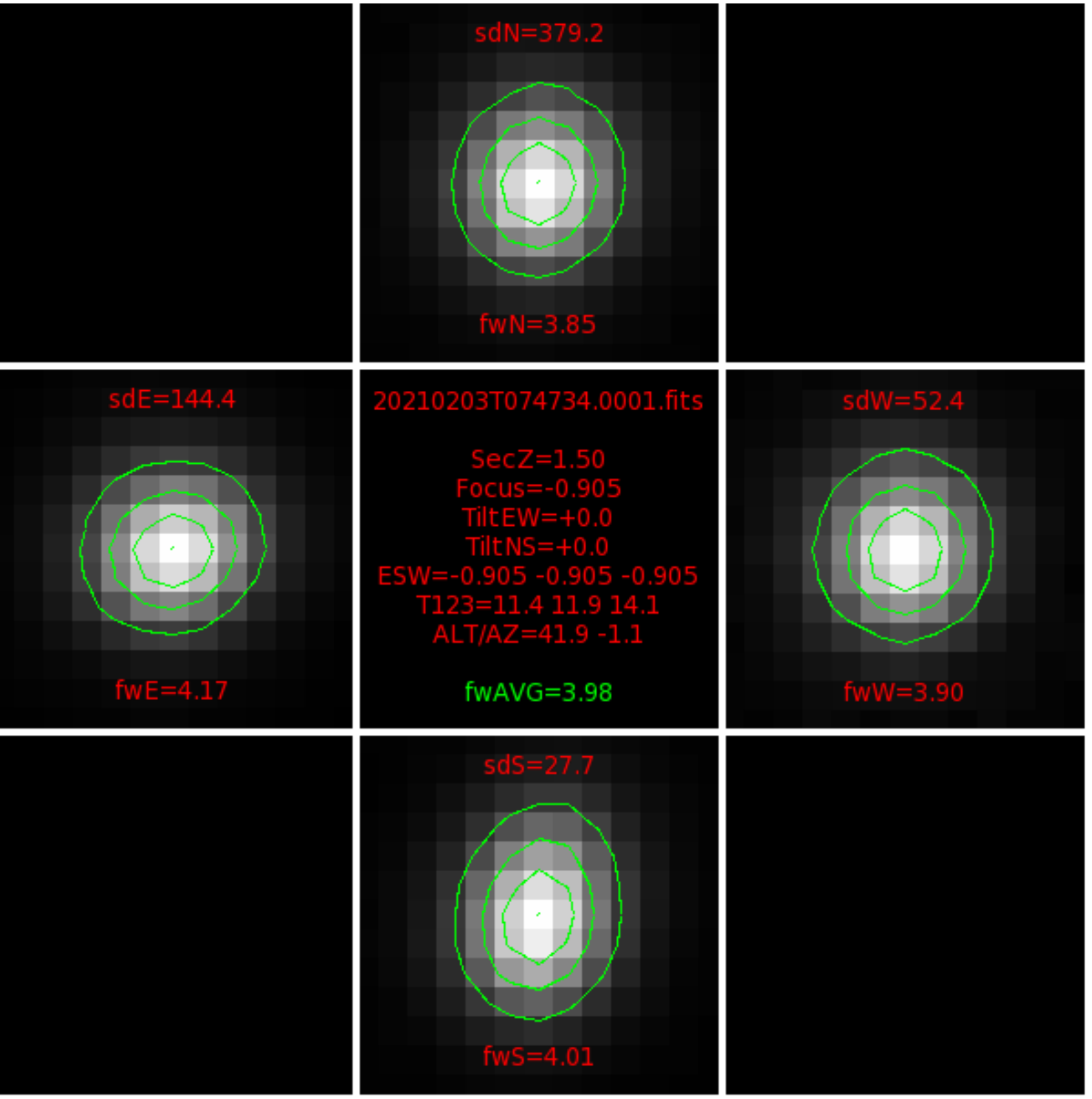
sdN=379.2
fwN=3.85
sdE=144.4
fwE=4.17
20210203T074734.0001.fits
SecZ=1.50
Focus=-0.905
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.905 -0.905 -0.905
T123=11.4 11.9 14.1
ALT/AZ=41.9 -1.1
fwAVG=3.98
sdW=52.4
fwW=3.90
sdS=27.7
fwS=4.01
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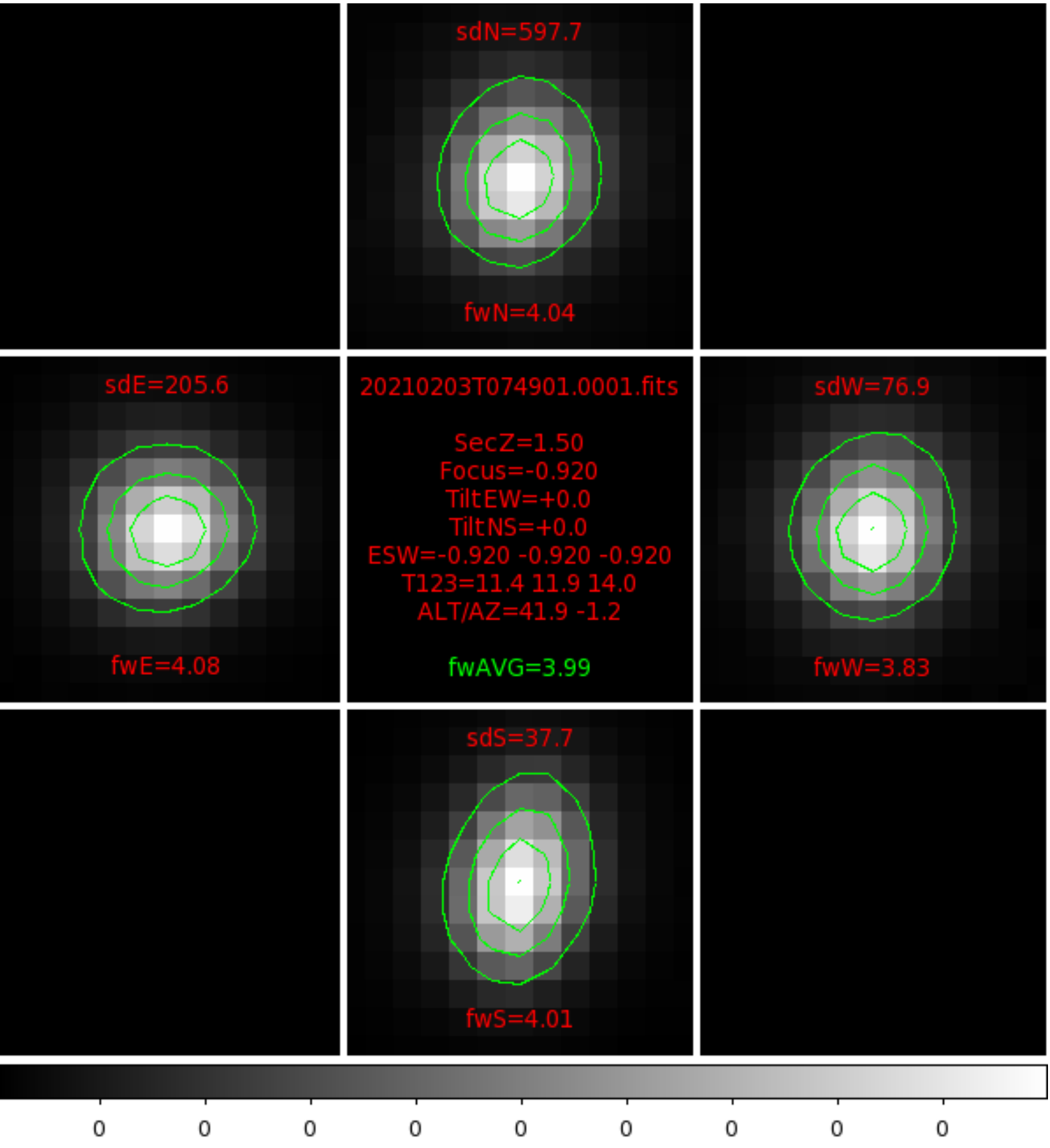
sdN=597.7
fwN=4.04
sdE=205.6
fwE=4.08
20210203T074901.0001.fits
SecZ=1.50
Focus=-0.920
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.920 -0.920 -0.920
T123=11.4 11.9 14.0
ALT/AZ=41.9 -1.2
fwAVG=3.99
sdW=76.9
fwW=3.83
sdS=37.7
fwS=4.01
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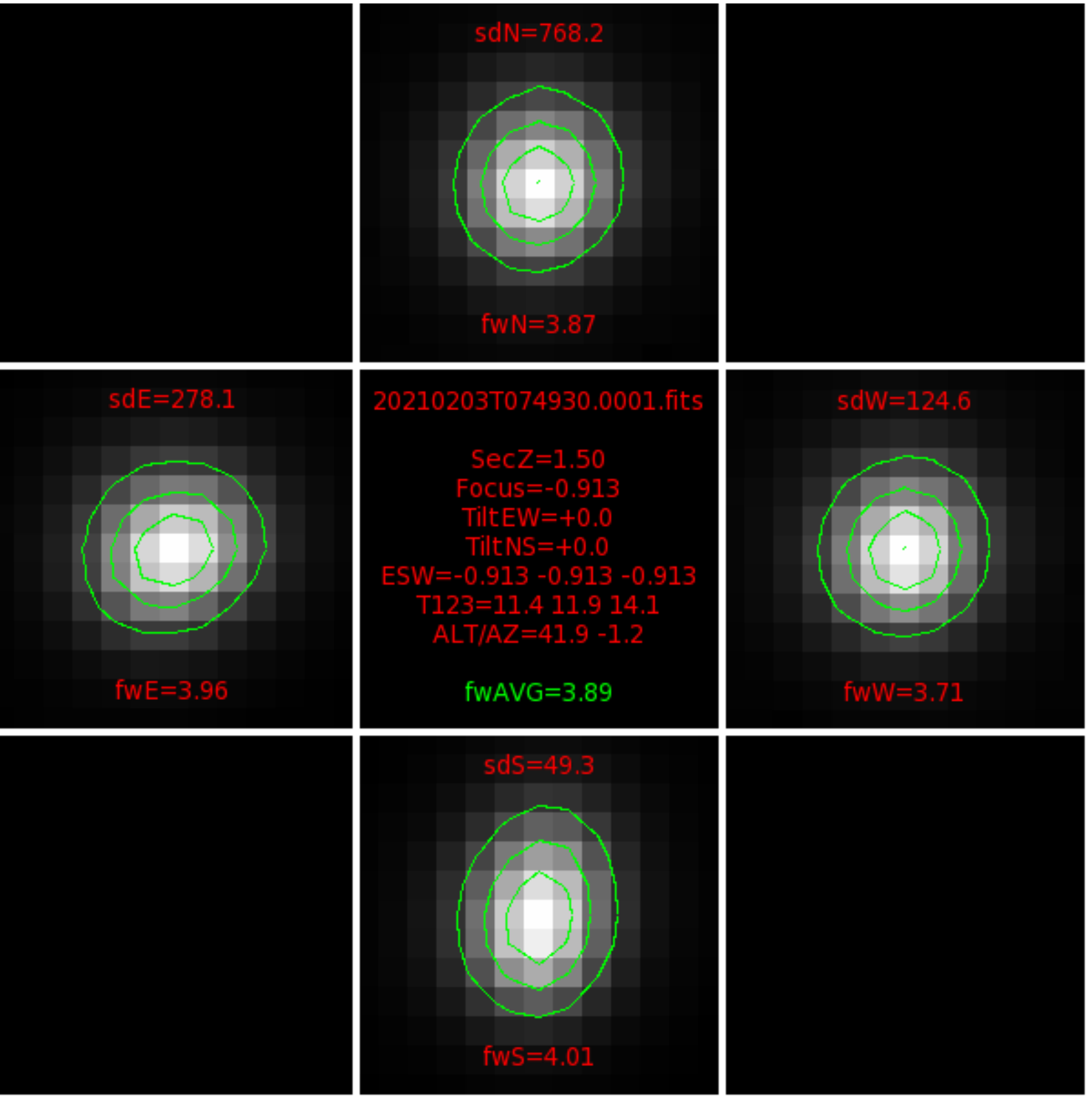
sdN=768.2
fwN=3.87
sdE=278.1
fwE=3.96
20210203T074930.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.9 14.1
ALT/AZ=41.9 -1.2
fwAVG=3.89
sdW=124.6
fwW=3.71
sdS=49.3
fwS=4.01
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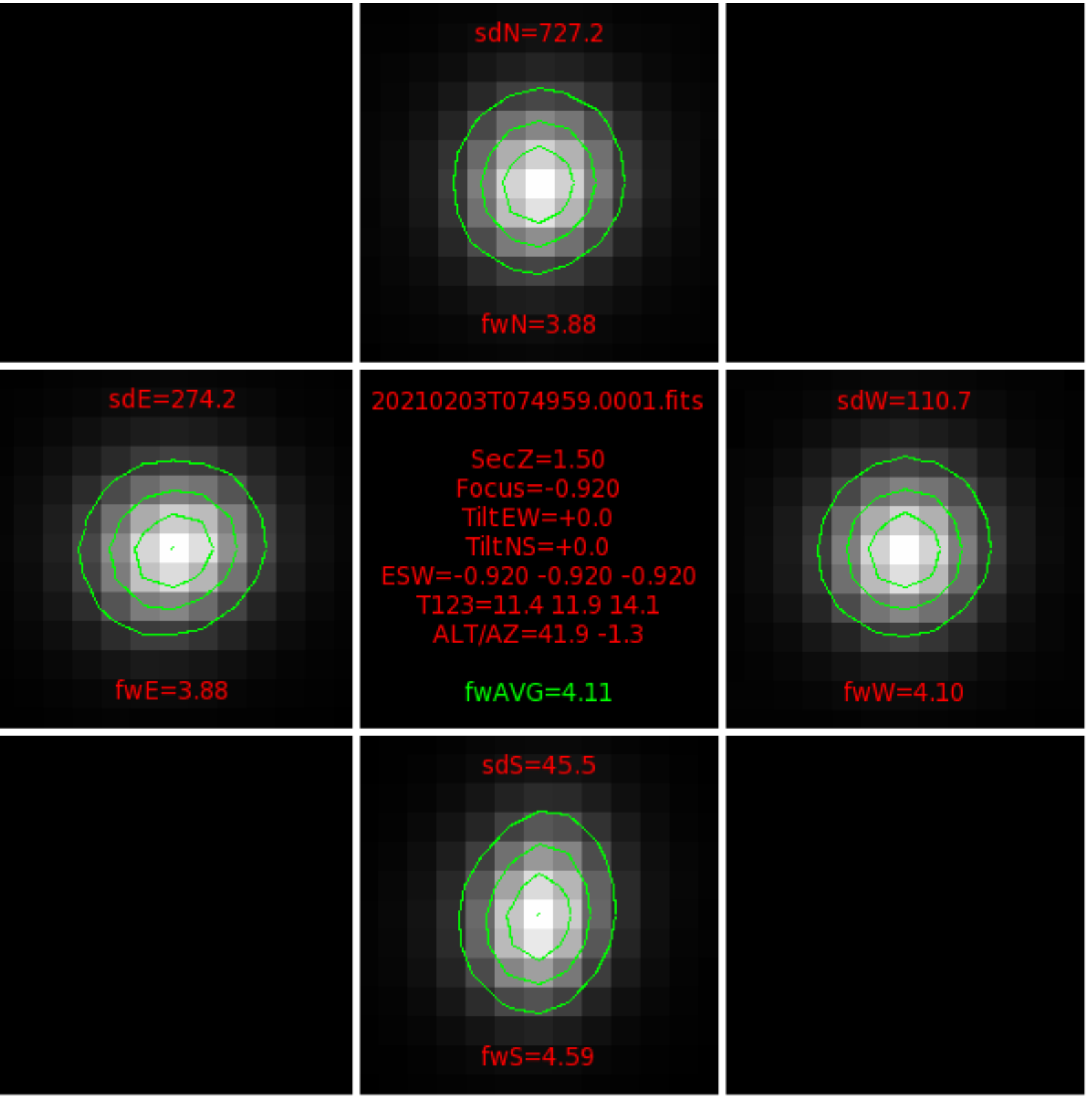
sdN=727.2
fwN=3.88
sdE=274.2
fwE=3.88
20210203T074959.0001.fits
SecZ=1.50
Focus=-0.920
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.920 -0.920 -0.920
T123=11.4 11.9 14.1
ALT/AZ=41.9 -1.3
fwAVG=4.11
sdW=110.7
fwW=4.10
sdS=45.5
fwS=4.59
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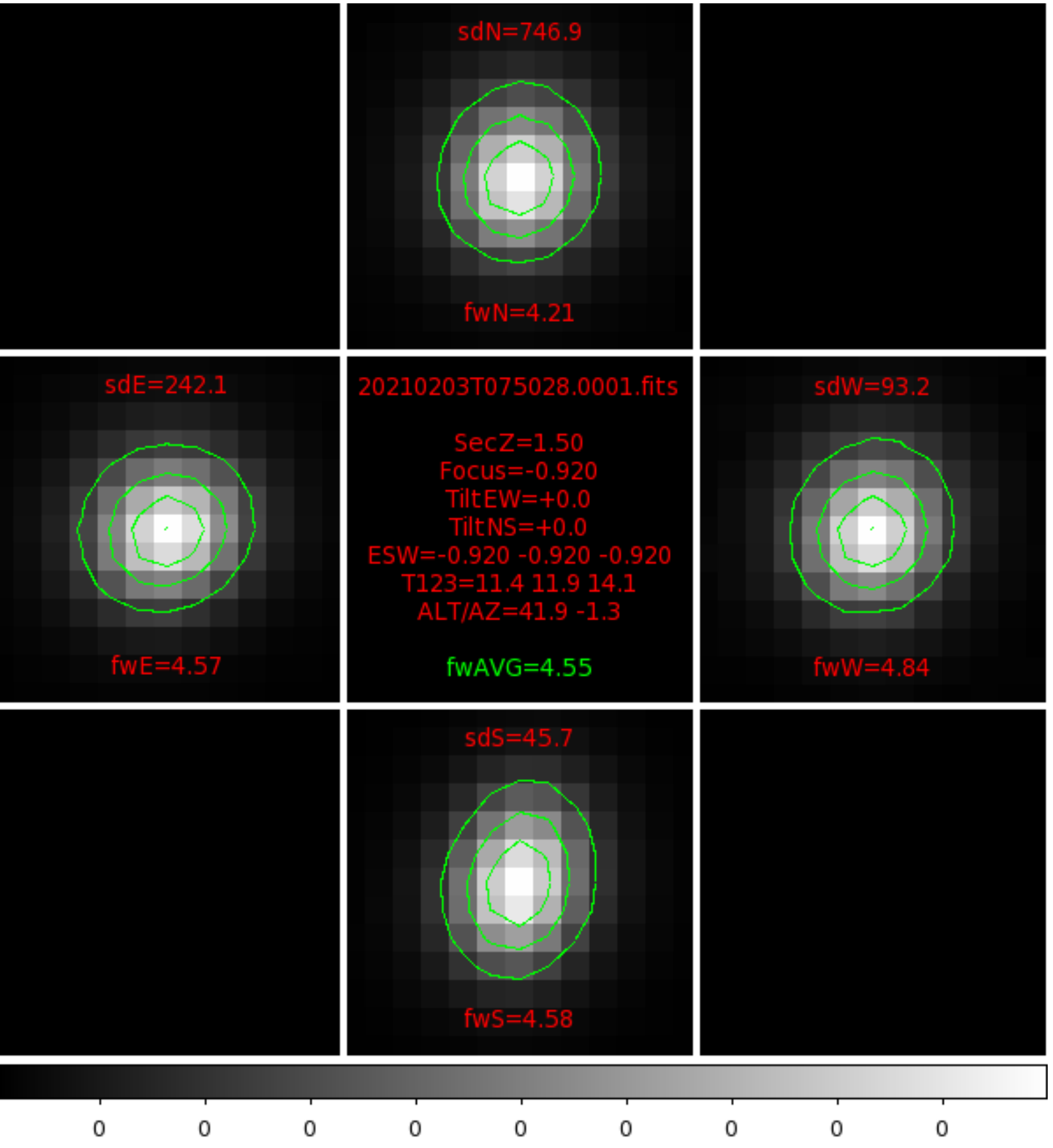
sdN=746.9
fwN=4.21
sdE=242.1
fwE=4.57
20210203T075028.0001.fits
SecZ=1.50
Focus=-0.920
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.920 -0.920 -0.920
T123=11.4 11.9 14.1
ALT/AZ=41.9 -1.3
fwAVG=4.55
sdW=93.2
fwW=4.84
sdS=45.7
fwS=4.58
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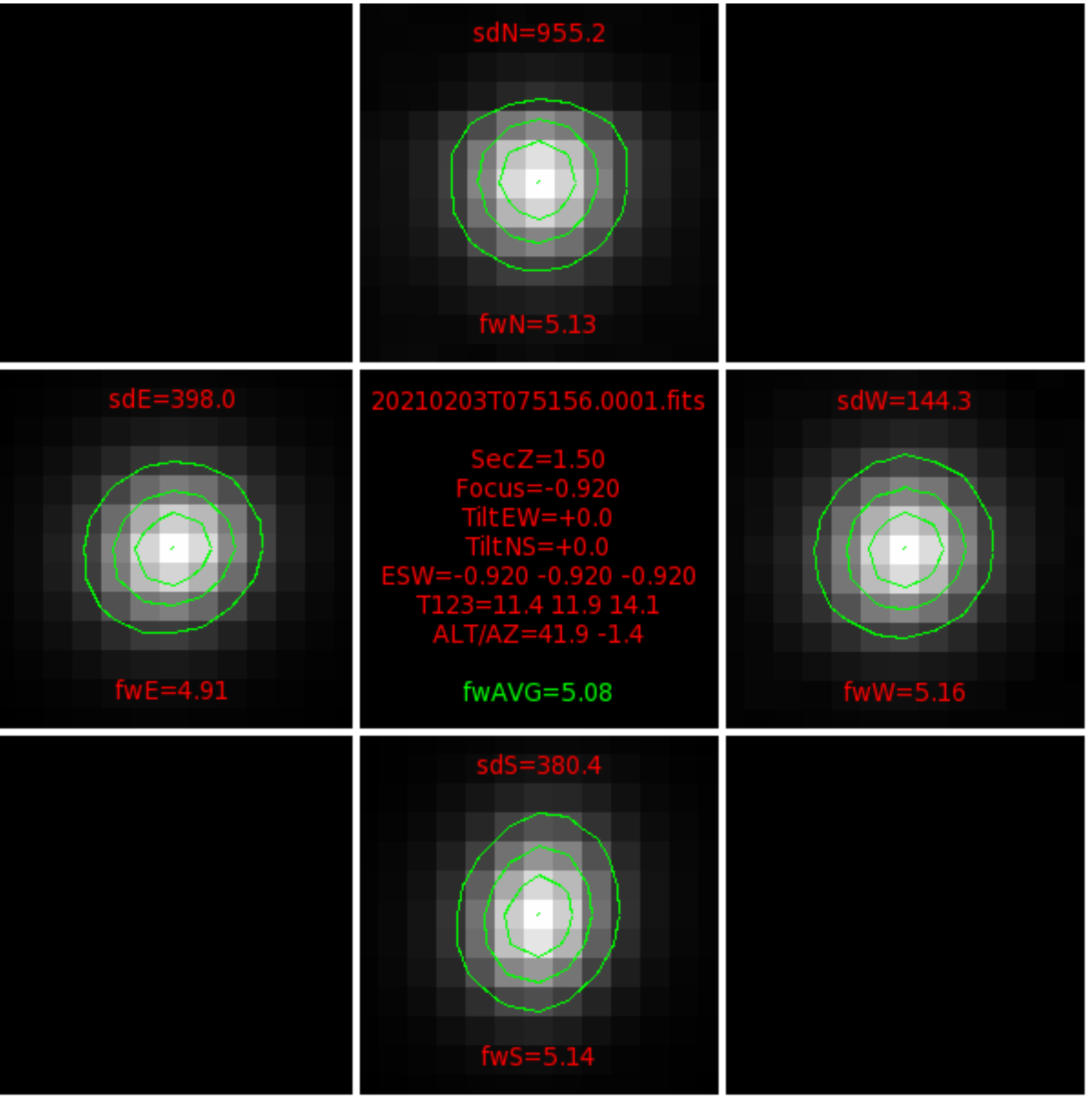
sdN=955.2
fwN=5.13
sdE=398.0
fwE=4.91
20210203T075156.0001.fits
SecZ=1.50
Focus=-0.920
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.920 -0.920 -0.920
T123=11.4 11.9 14.1
ALT/AZ=41.9 -1.4
fwAVG=5.08
sdW=144.3
fwW=5.16
sdS=380.4
fwS=5.14
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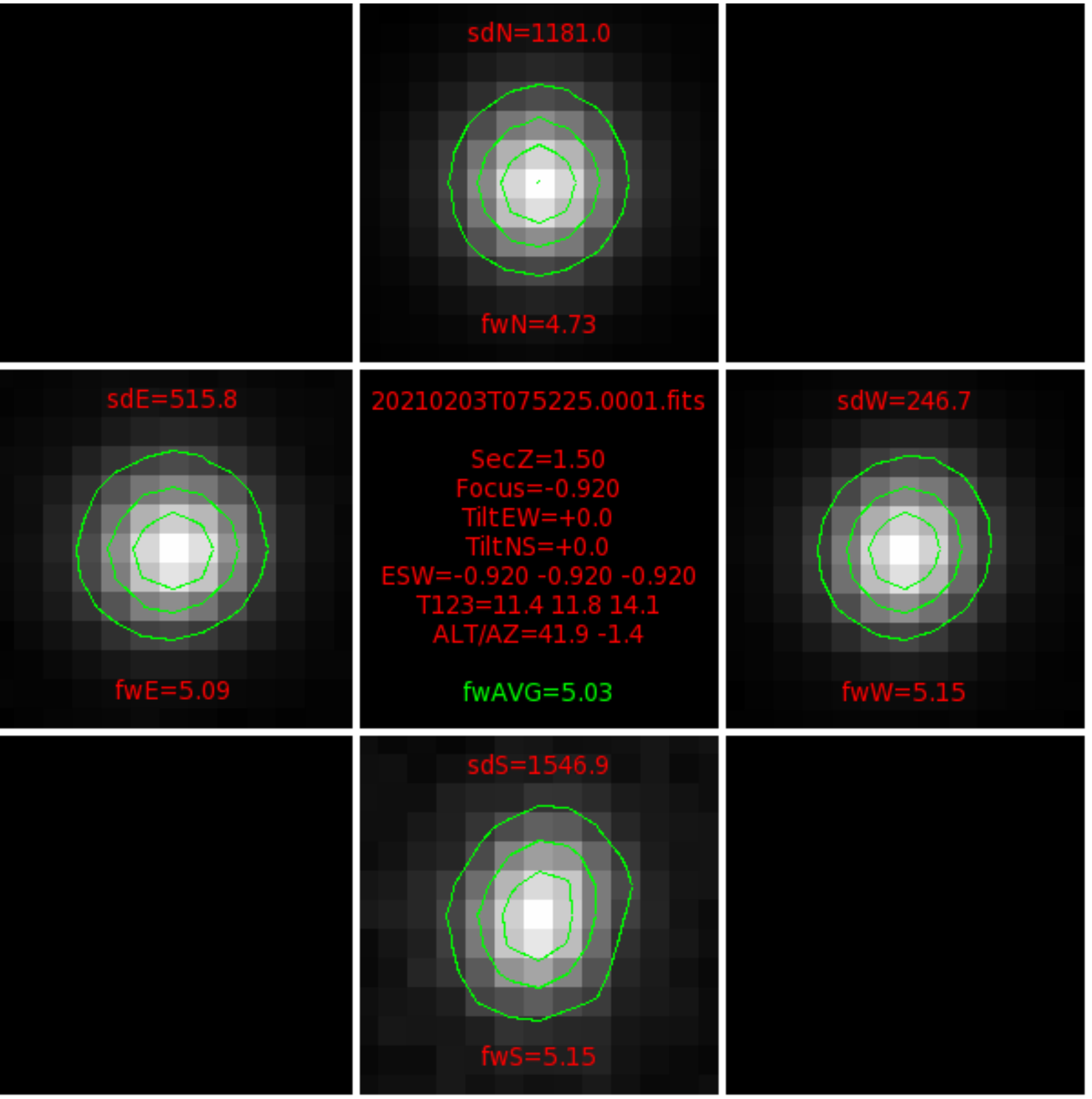
sdN=1181.0
fwN=4.73
sdE=515.8
fwE=5.09
20210203T075225.0001.fits
SecZ=1.50
Focus=-0.920
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.920 -0.920 -0.920
T123=11.4 11.8 14.1
ALT/AZ=41.9 -1.4
fwAVG=5.03
sdW=246.7
fwW=5.15
sdS=1546.9
fwS=5.15
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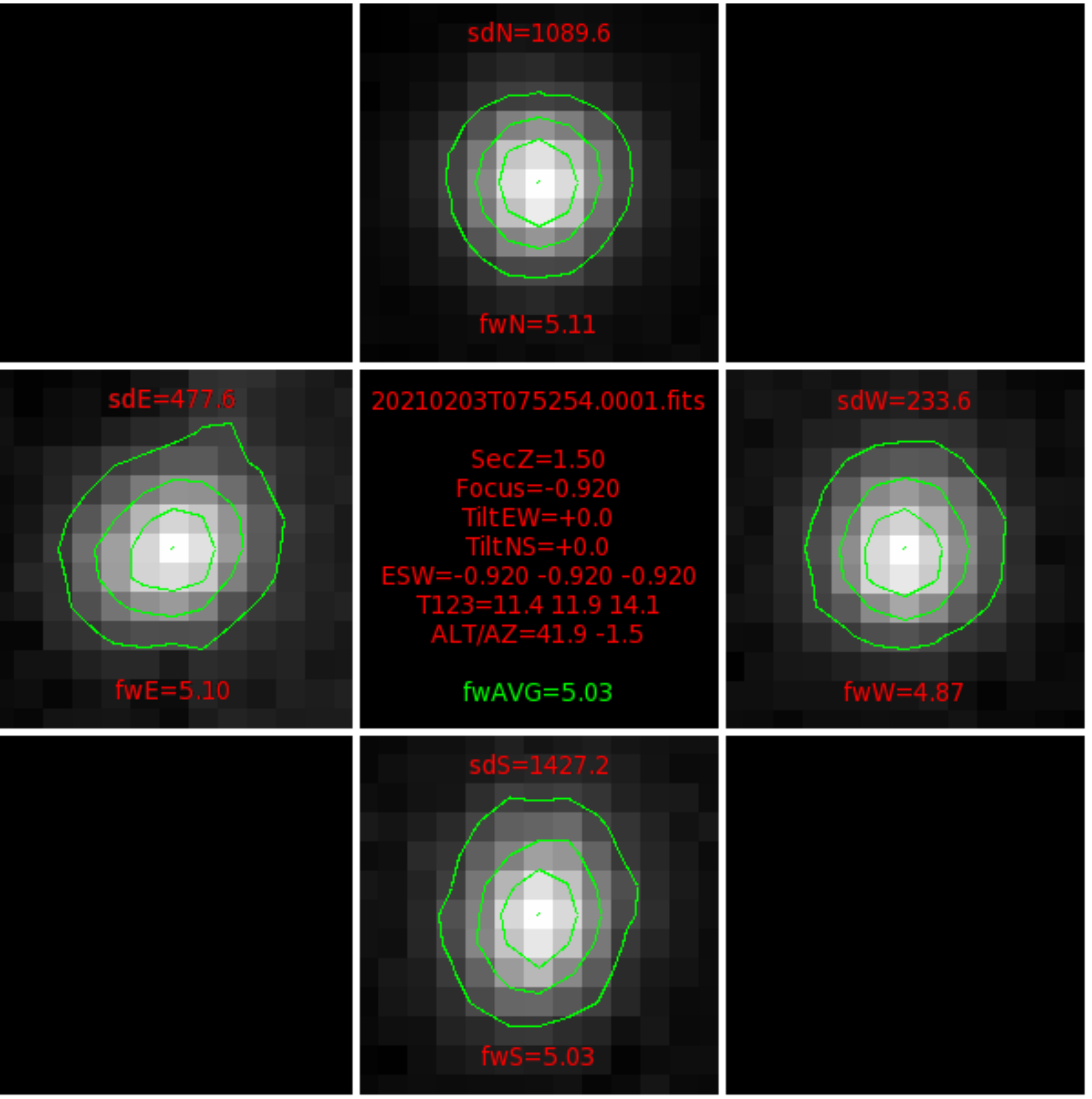
sdN=1089.6
fwN=5.11
sdE=477.6
fwE=5.10
20210203T075254.0001.fits
SecZ=1.50
Focus=-0.920
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.920 -0.920 -0.920
T123=11.4 11.9 14.1
ALT/AZ=41.9 -1.5
fwAVG=5.03
sdW=233.6
fwW=4.87
sdS=1427.2
fwS=5.03
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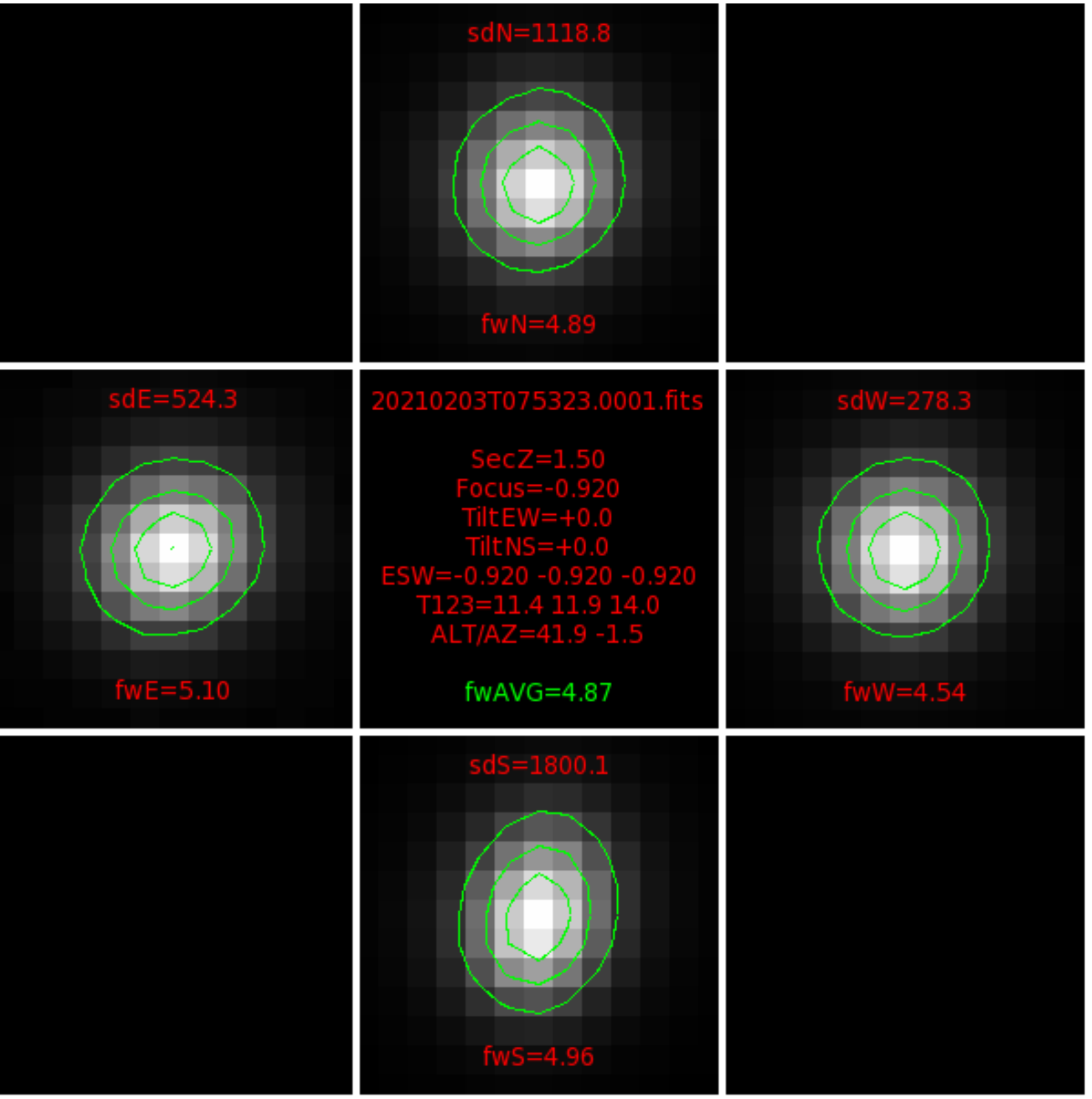
sdN=1118.8
fwN=4.89
sdE=524.3
fwE=5.10
20210203T075323.0001.fits
SecZ=1.50
Focus=-0.920
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.920 -0.920 -0.920
T123=11.4 11.9 14.0
ALT/AZ=41.9 -1.5
fwAVG=4.87
sdW=278.3
fwW=4.54
sdS=1800.1
fwS=4.96
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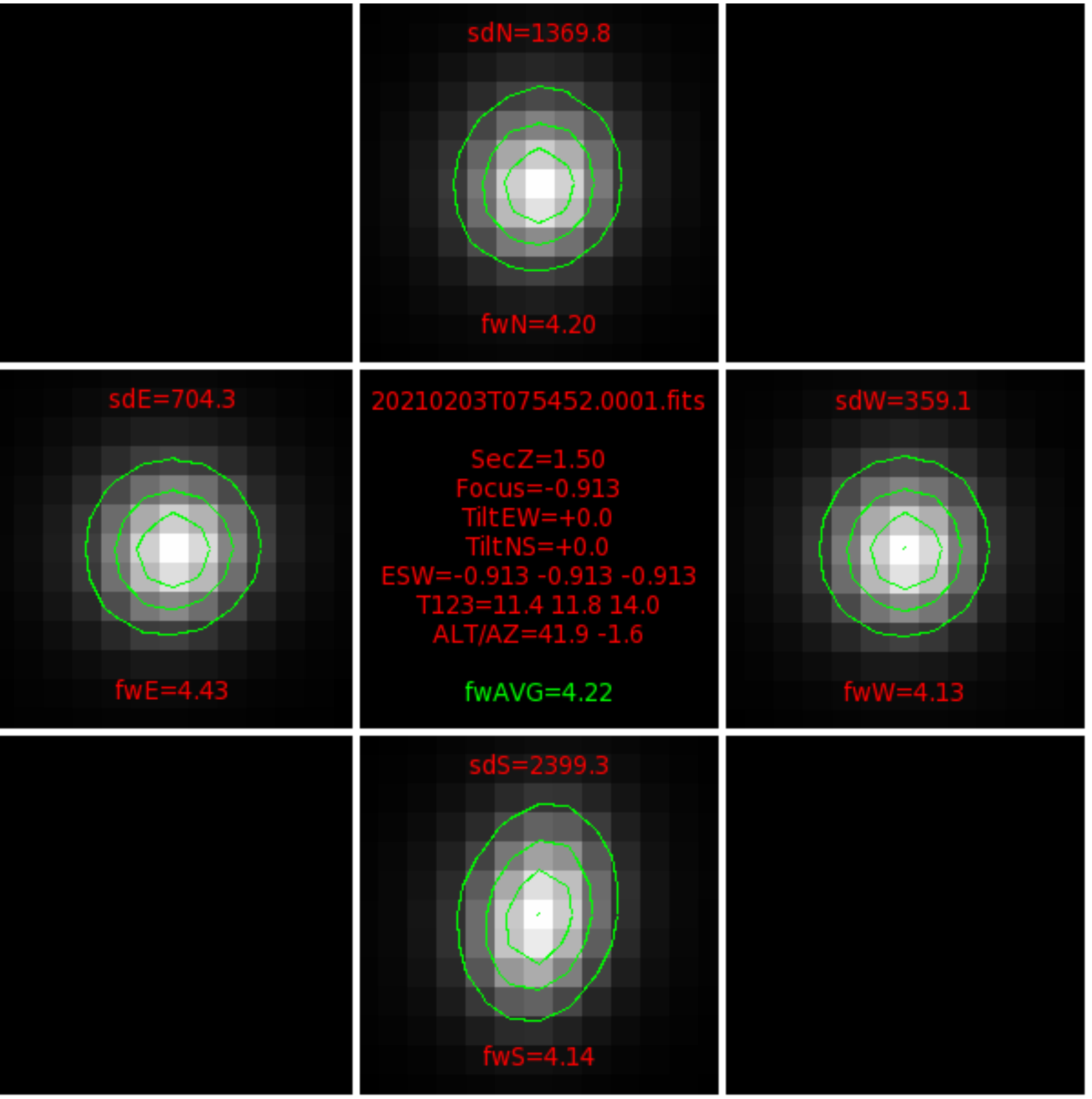
sdN=1369.8
fwN=4.20
sdE=704.3
fwE=4.43
20210203T075452.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -1.6
fwAVG=4.22
sdW=359.1
fwW=4.13
sdS=2399.3
fwS=4.14
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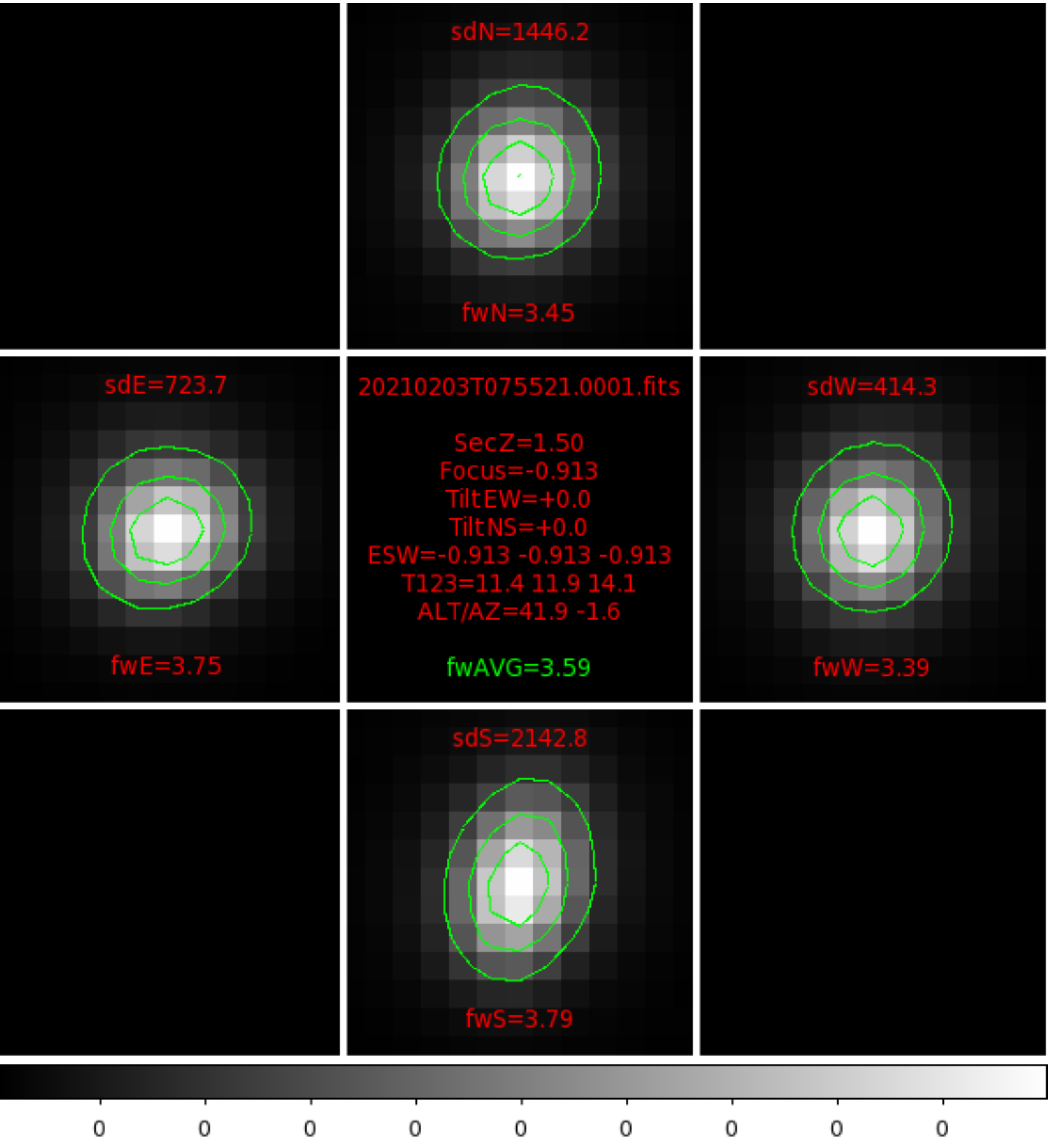
sdN=1446.2
fwN=3.45
sdE=723.7
fwE=3.75
20210203T075521.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.9 14.1
ALT/AZ=41.9 -1.6
fwAVG=3.59
sdW=414.3
fwW=3.39
sdS=2142.8
fwS=3.79
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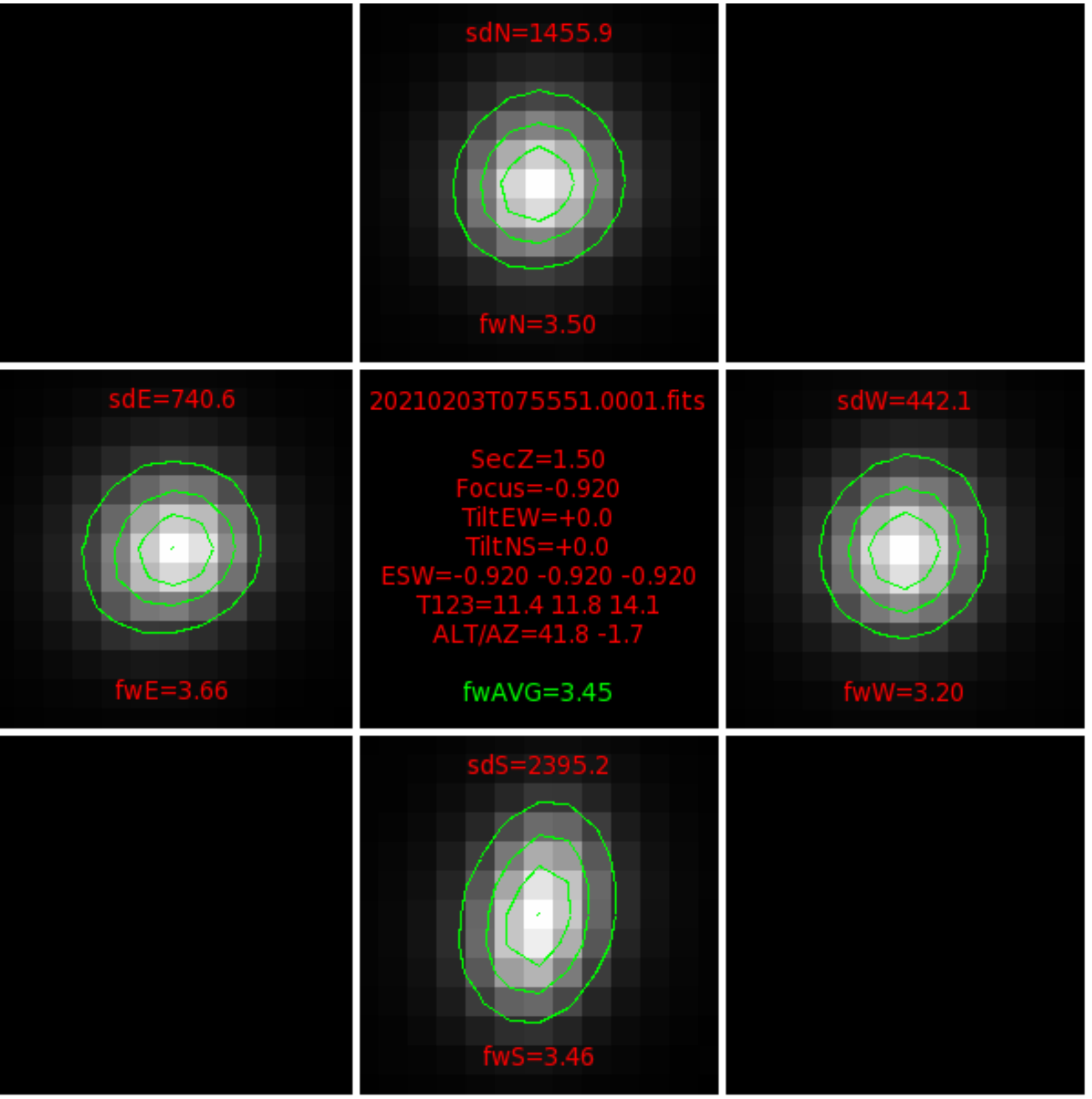
sdN=1455.9
fwN=3.50
sdE=740.6
fwE=3.66
20210203T075551.0001.fits
SecZ=1.50
Focus=-0.920
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.920 -0.920 -0.920
T123=11.4 11.8 14.1
ALT/AZ=41.8 -1.7
fwAVG=3.45
sdW=442.1
fwW=3.20
sdS=2395.2
fwS=3.46
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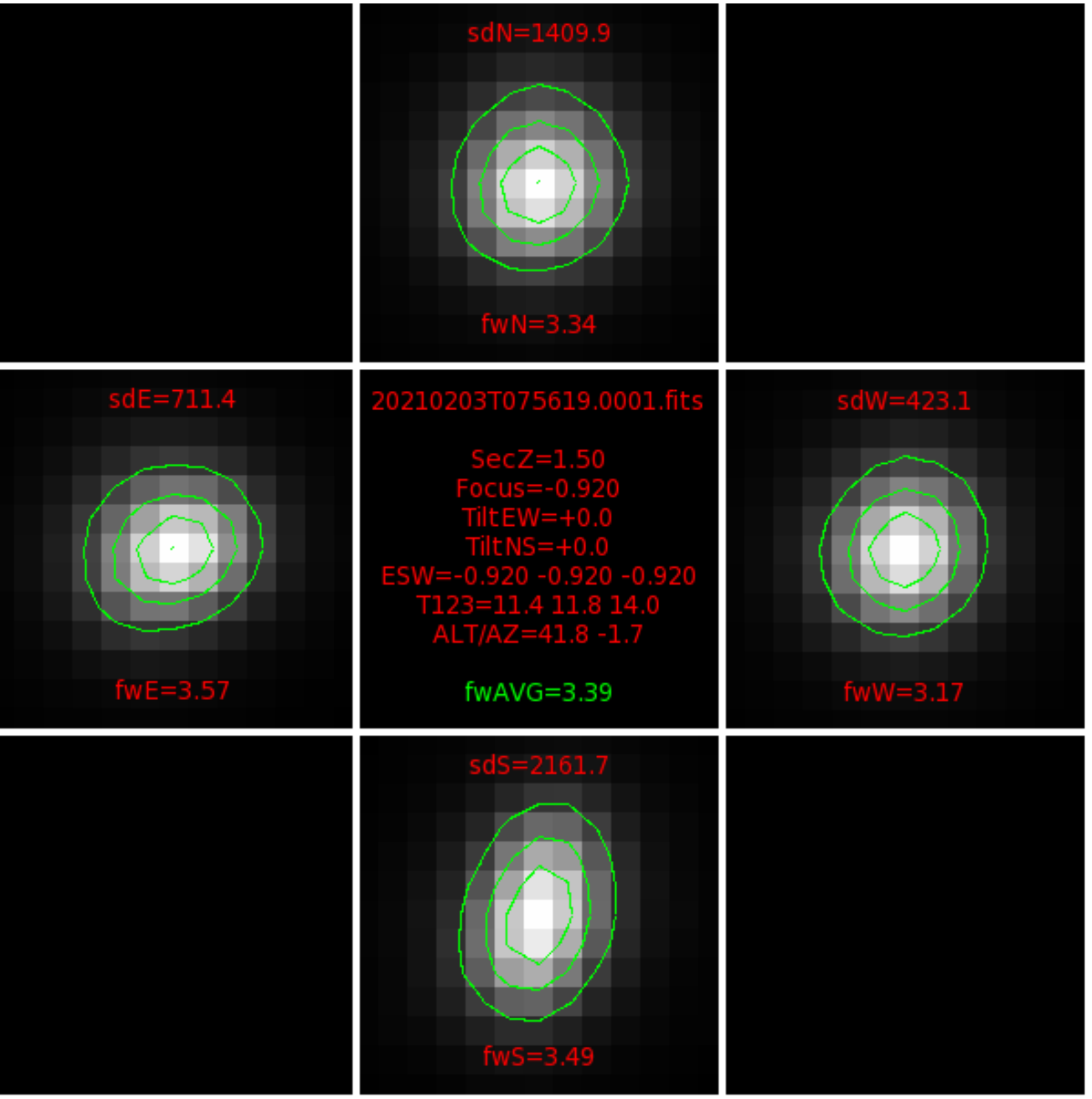
sdN=1409.9
fwN=3.34
sdE=711.4
fwE=3.57
20210203T075619.0001.fits
SecZ=1.50
Focus=-0.920
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.920 -0.920 -0.920
T123=11.4 11.8 14.0
ALT/AZ=41.8 -1.7
fwAVG=3.39
sdW=423.1
fwW=3.17
sdS=2161.7
fwS=3.49
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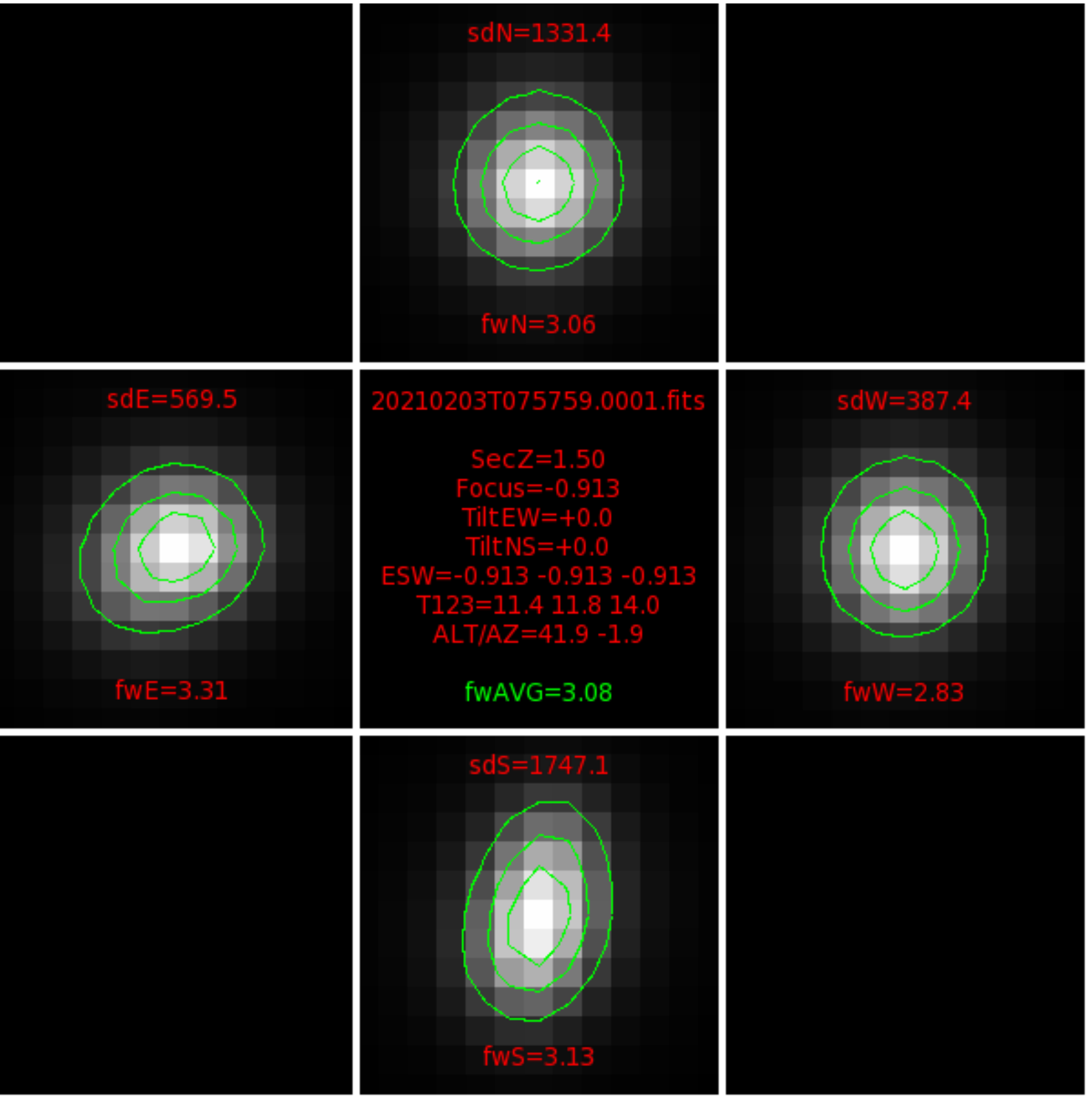
sdN=1331.4
fwN=3.06
sdE=569.5
fwE=3.31
20210203T075759.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -1.9
fwAVG=3.08
sdW=387.4
fwW=2.83
sdS=1747.1
fwS=3.13
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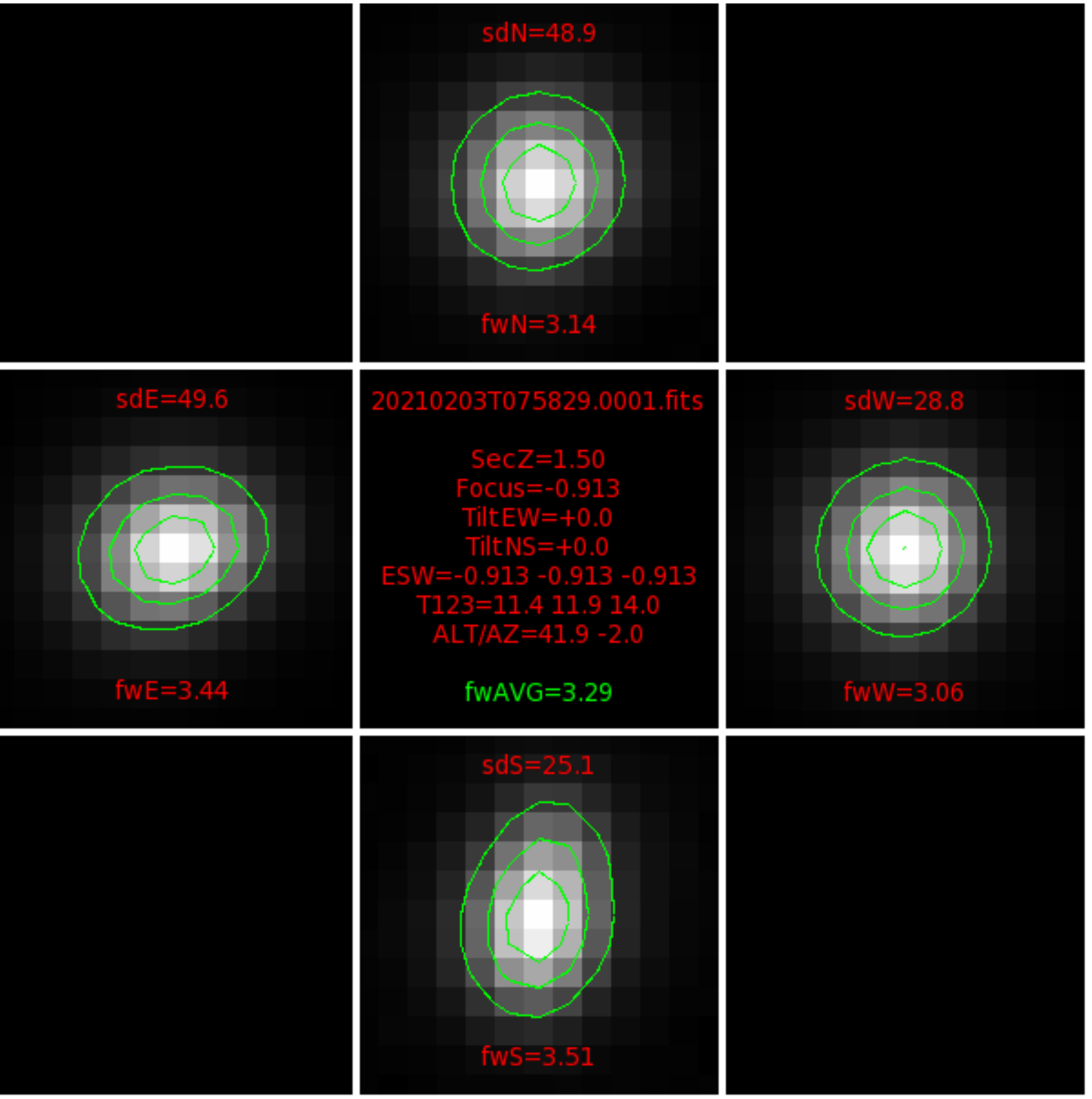
sdN=48.9
fwN=3.14
sdE=49.6
fwE=3.44
20210203T075829.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.9 14.0
ALT/AZ=41.9 -2.0
fwAVG=3.29
sdW=28.8
fwW=3.06
sdS=25.1
fwS=3.51
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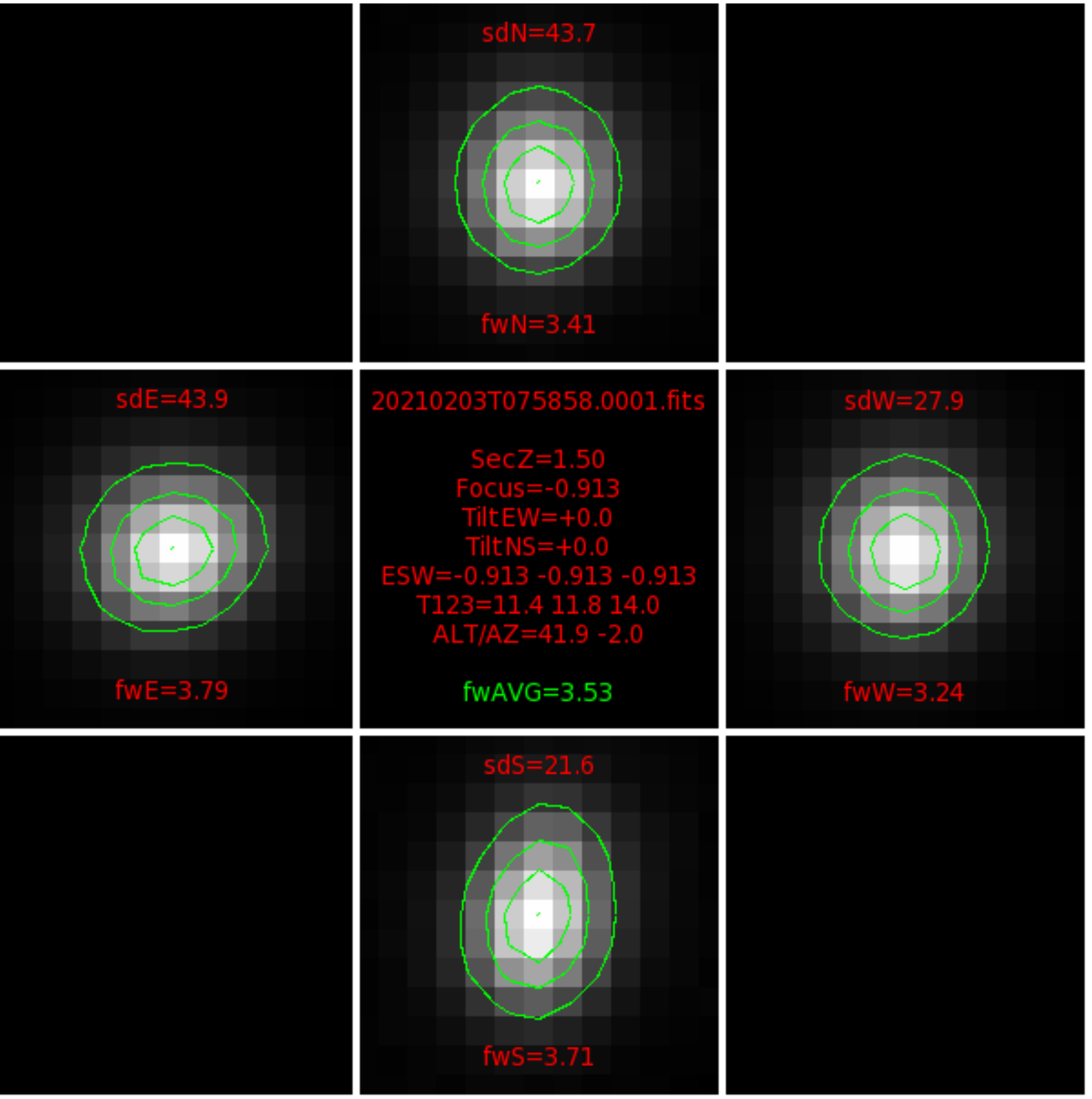
sdN=43.7
fwN=3.41
sdE=43.9
fwE=3.79
20210203T075858.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -2.0
fwAVG=3.53
sdW=27.9
fwW=3.24
sdS=21.6
fwS=3.71
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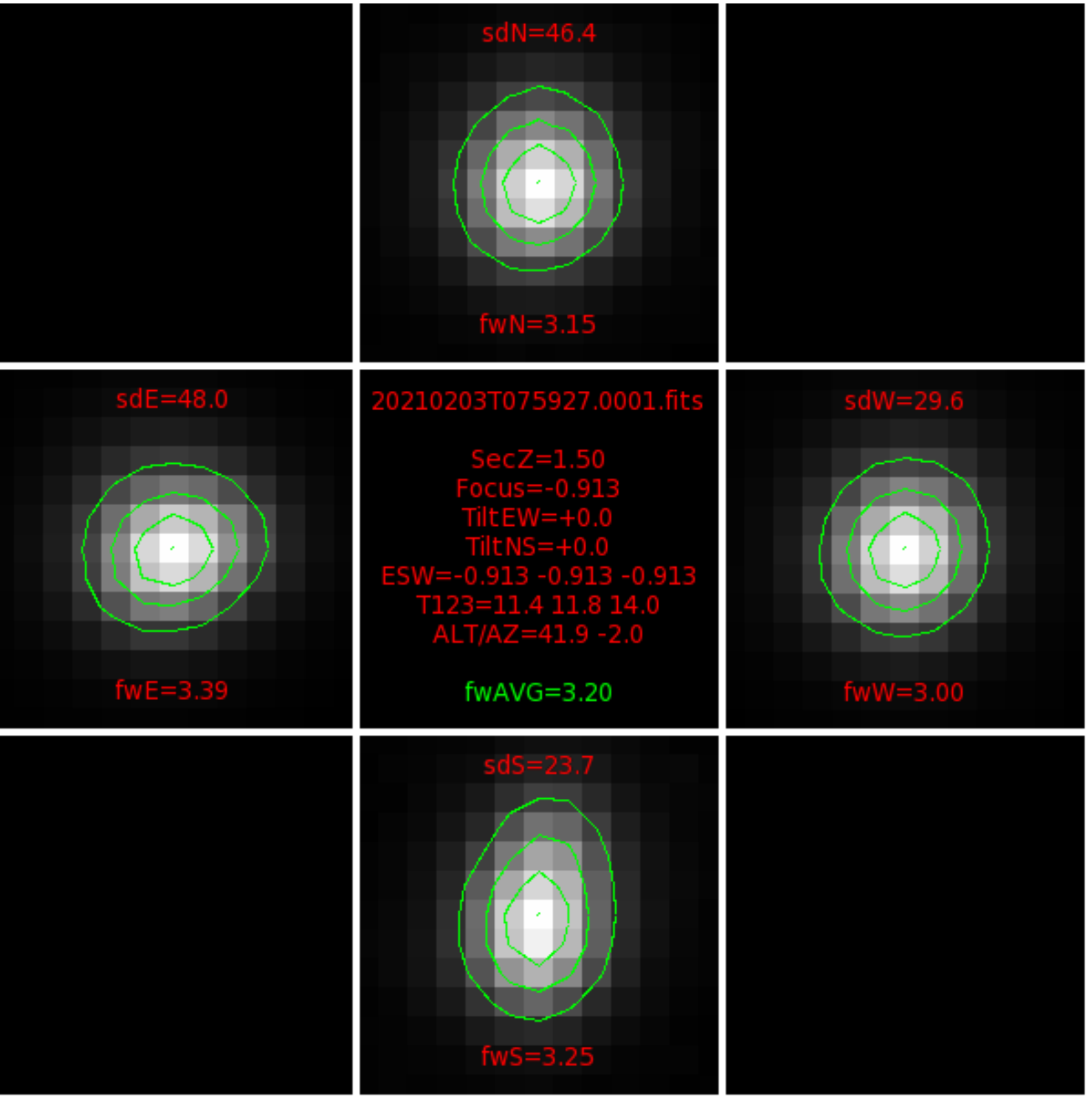
sdN=46.4
fwN=3.15
sdE=48.0
fwE=3.39
20210203T075927.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -2.0
fwAVG=3.20
sdW=29.6
fwW=3.00
sdS=23.7
fwS=3.25
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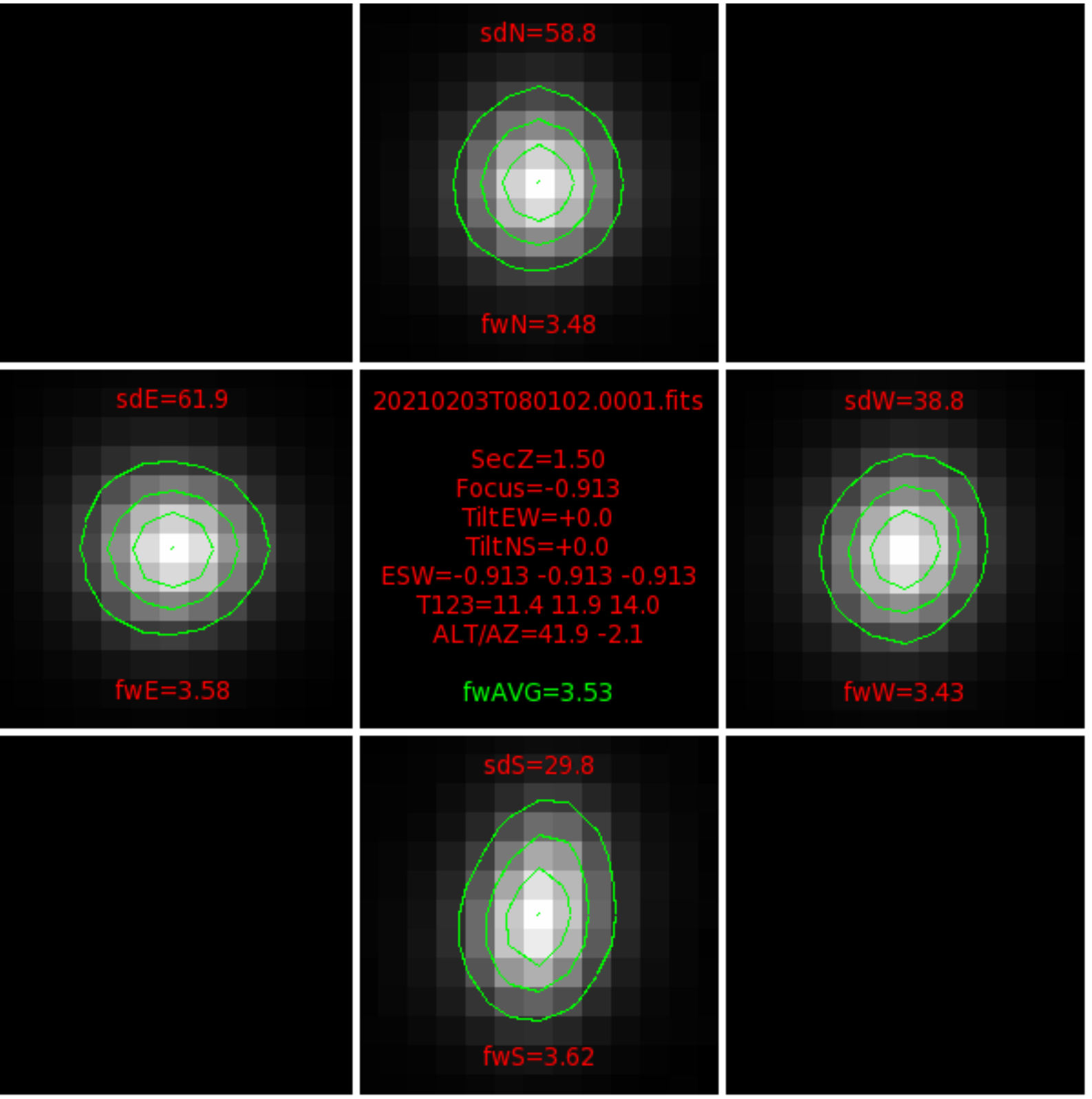
sdN=58.8
fwN=3.48
sdE=61.9
fwE=3.58
20210203T080102.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.9 14.0
ALT/AZ=41.9 -2.1
fwAVG=3.53
sdW=38.8
fwW=3.43
sdS=29.8
fwS=3.62
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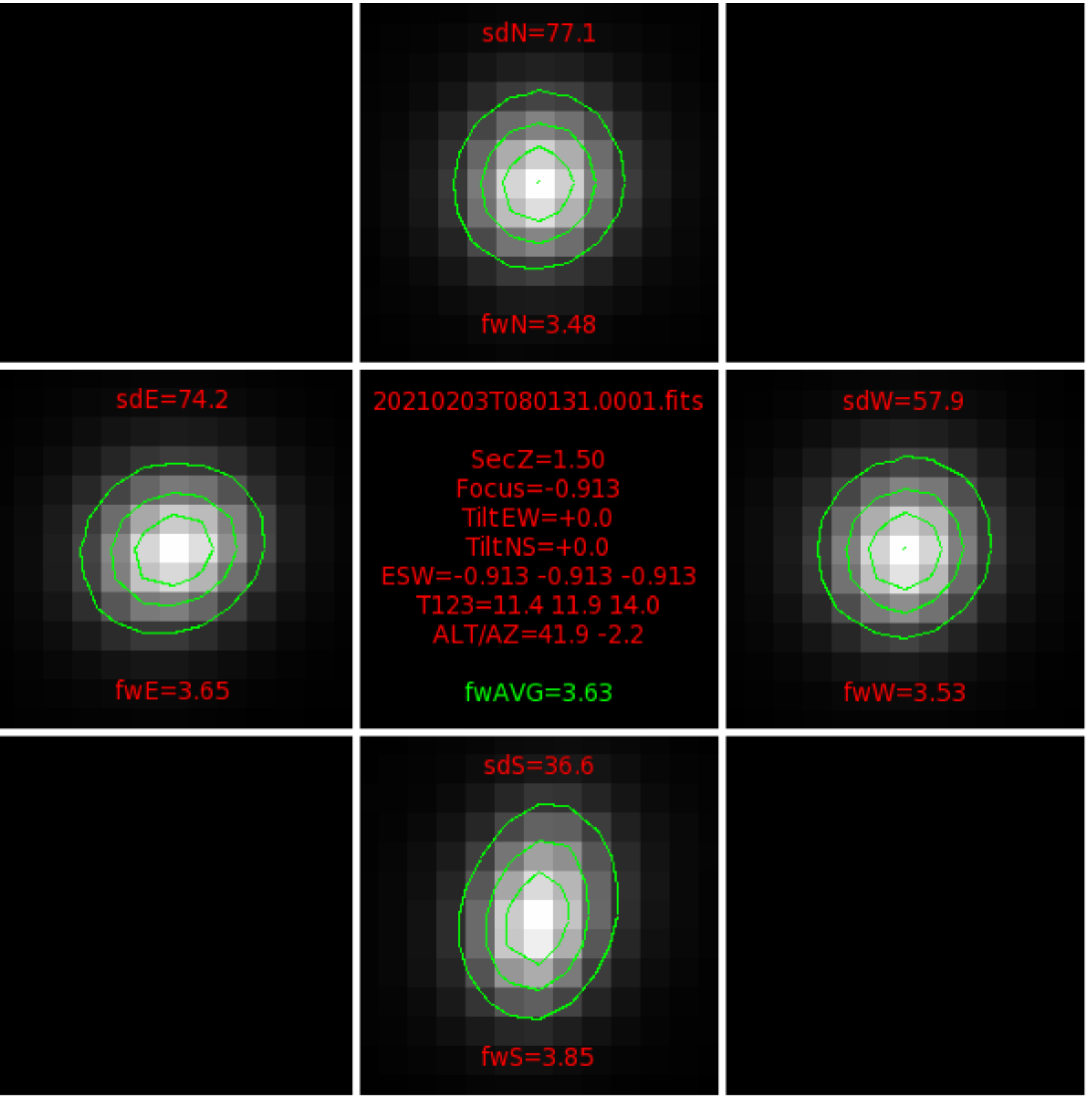
sdN=77.1
fwN=3.48
sdE=74.2
fwE=3.65
20210203T080131.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.9 14.0
ALT/AZ=41.9 -2.2
fwAVG=3.63
sdW=57.9
fwW=3.53
sdS=36.6
fwS=3.85
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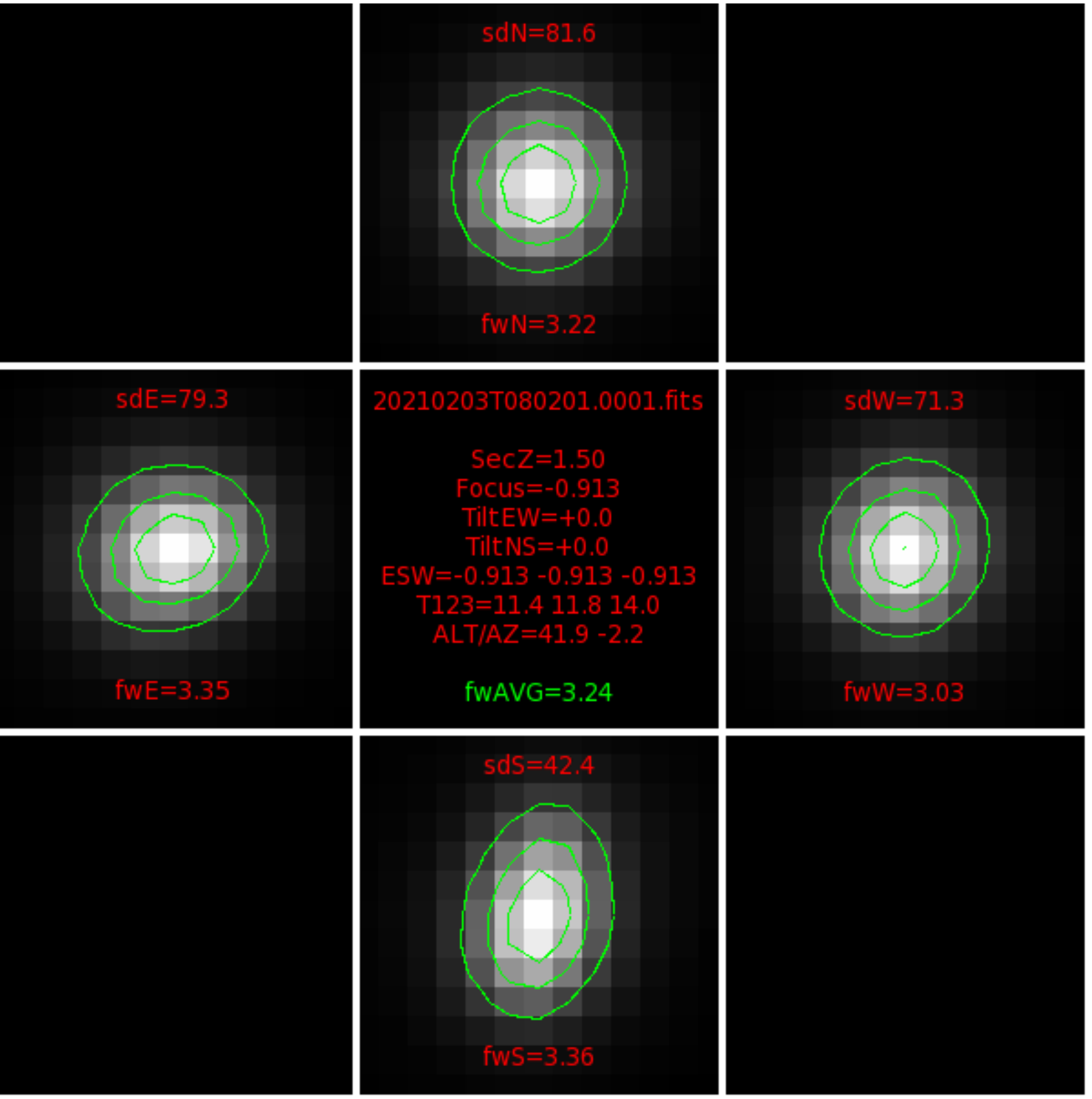
sdN=81.6
fwN=3.22
sdE=79.3
fwE=3.35
20210203T080201.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -2.2
fwAVG=3.24
sdW=71.3
fwW=3.03
sdS=42.4
fwS=3.36
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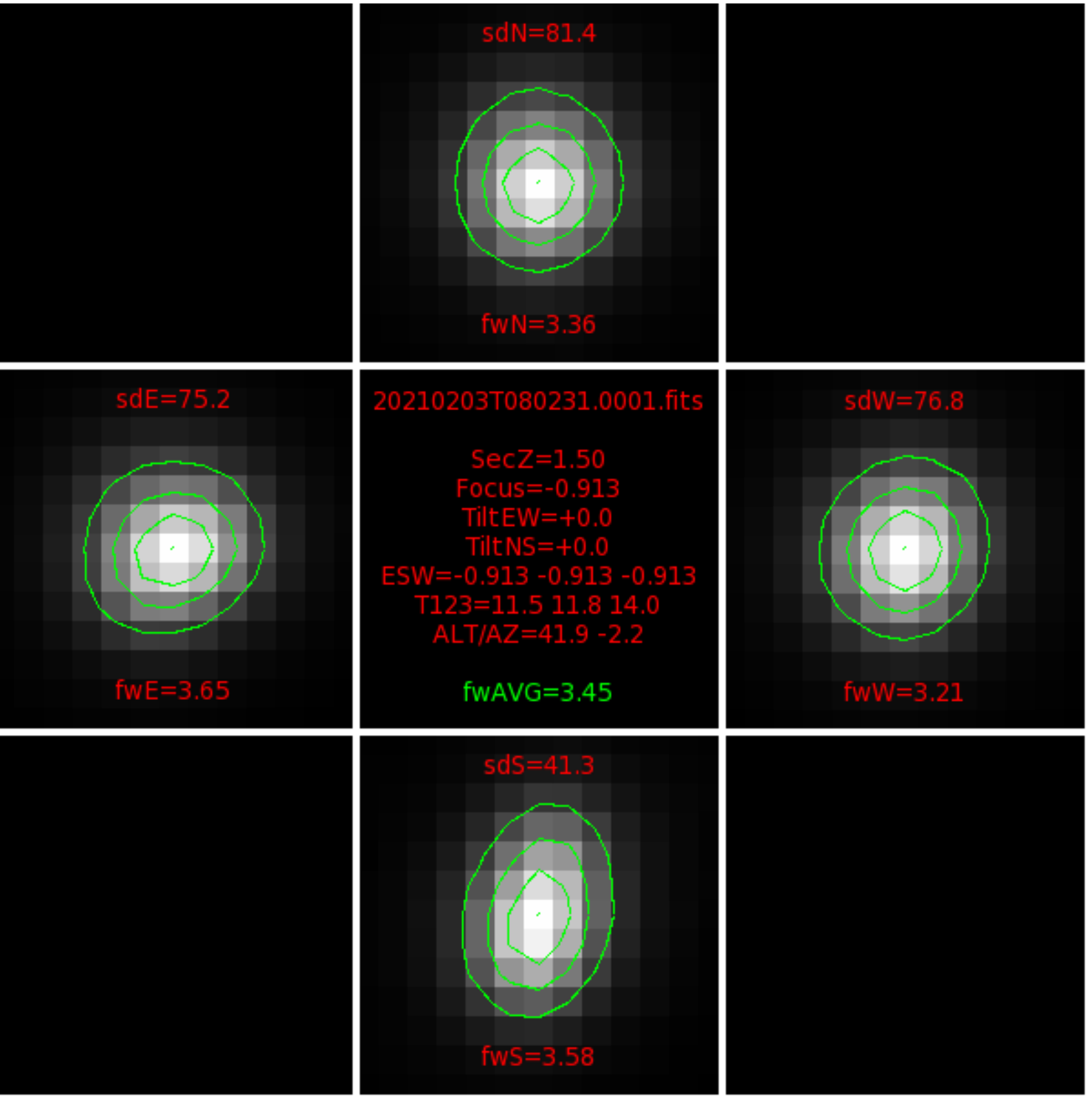
sdN=81.4
fwN=3.36
sdE=75.2
fwE=3.65
20210203T080231.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.5 11.8 14.0
ALT/AZ=41.9 -2.2
fwAVG=3.45
sdW=76.8
fwW=3.21
sdS=41.3
fwS=3.58
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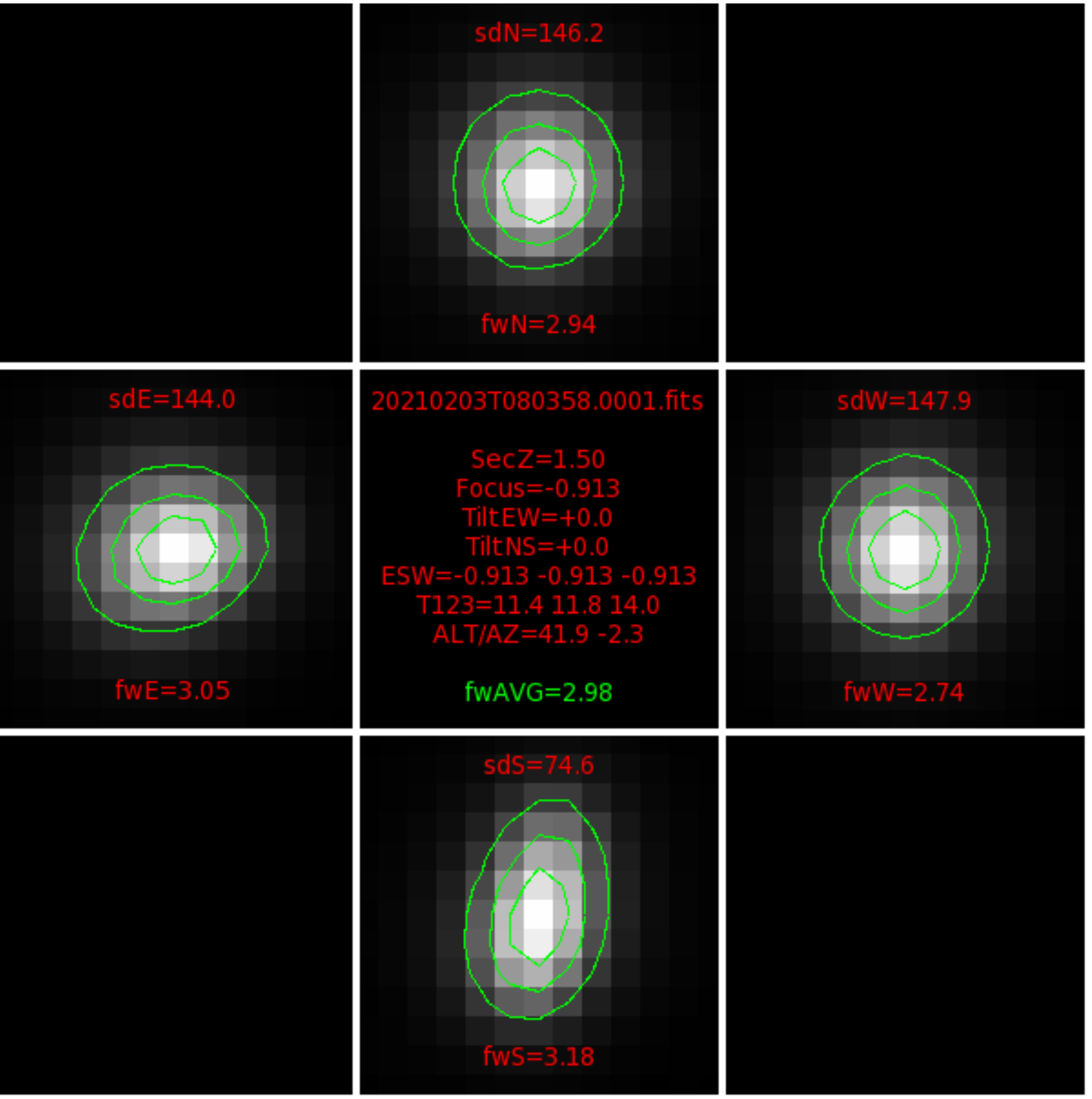
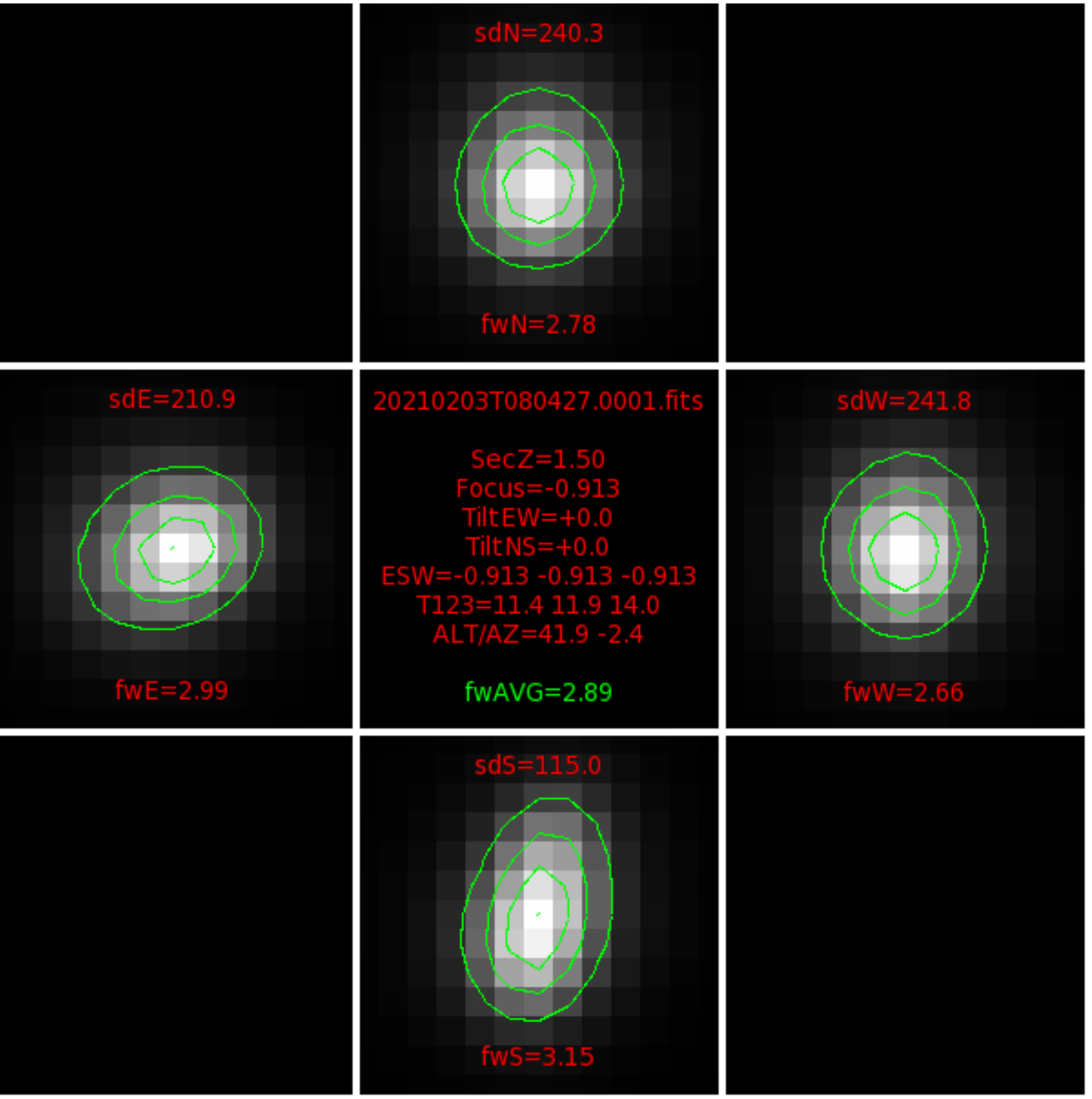

sdN=146.2
fwN=2.94
sdE=144.0
fwE=3.05
20210203T080358.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -2.3
fwAVG=2.98
sdW=147.9
fwW=2.74
sdS=74.6
fwS=3.18
0 0 0 0 0 0 0 0 0


sdN=240.3
fwN=2.78
sdE=210.9
fwE=2.99
20210203T080427.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.9 14.0
ALT/AZ=41.9 -2.4
fwAVG=2.89
sdW=241.8
fwW=2.66
sdS=115.0
fwS=3.15
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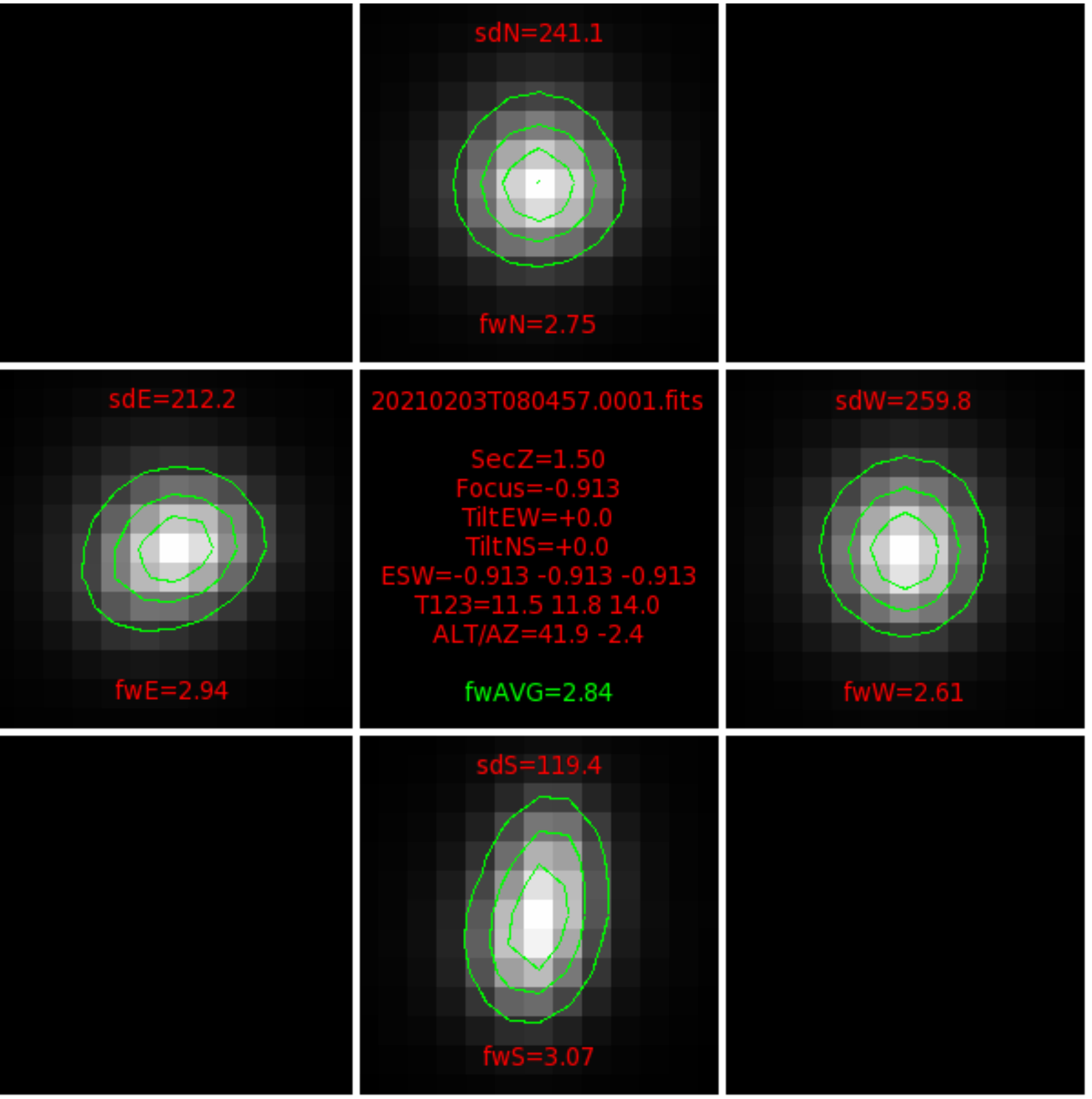
sdN=241.1
fwN=2.75
sdE=212.2
fwE=2.94
20210203T080457.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.5 11.8 14.0
ALT/AZ=41.9 -2.4
fwAVG=2.84
sdW=259.8
fwW=2.61
sdS=119.4
fwS=3.07
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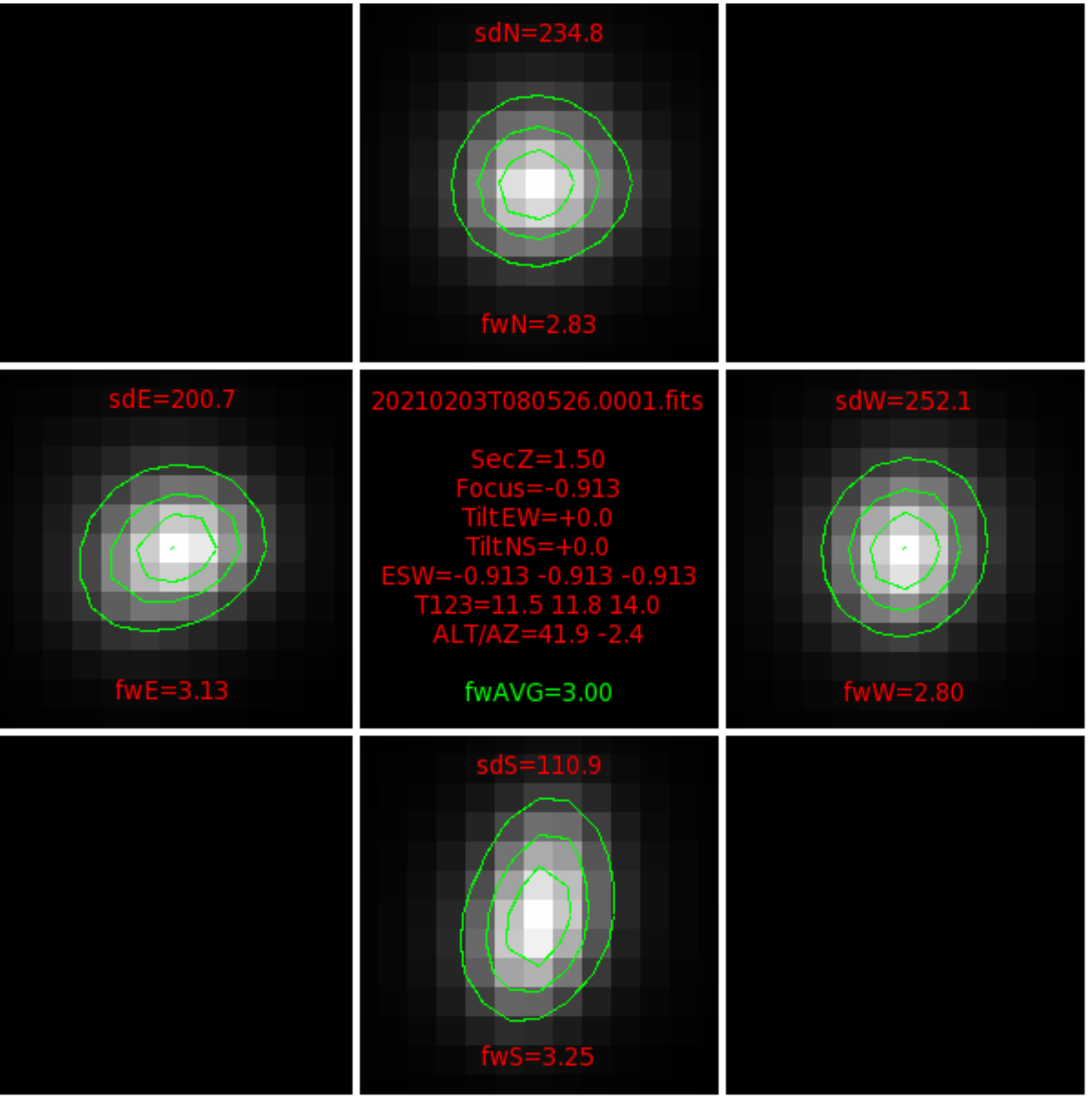
sdN=234.8
fwN=2.83
sdE=200.7
fwE=3.13
20210203T080526.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.5 11.8 14.0
ALT/AZ=41.9 -2.4
fwAVG=3.00
sdW=252.1
fwW=2.80
sdS=110.9
fwS=3.25
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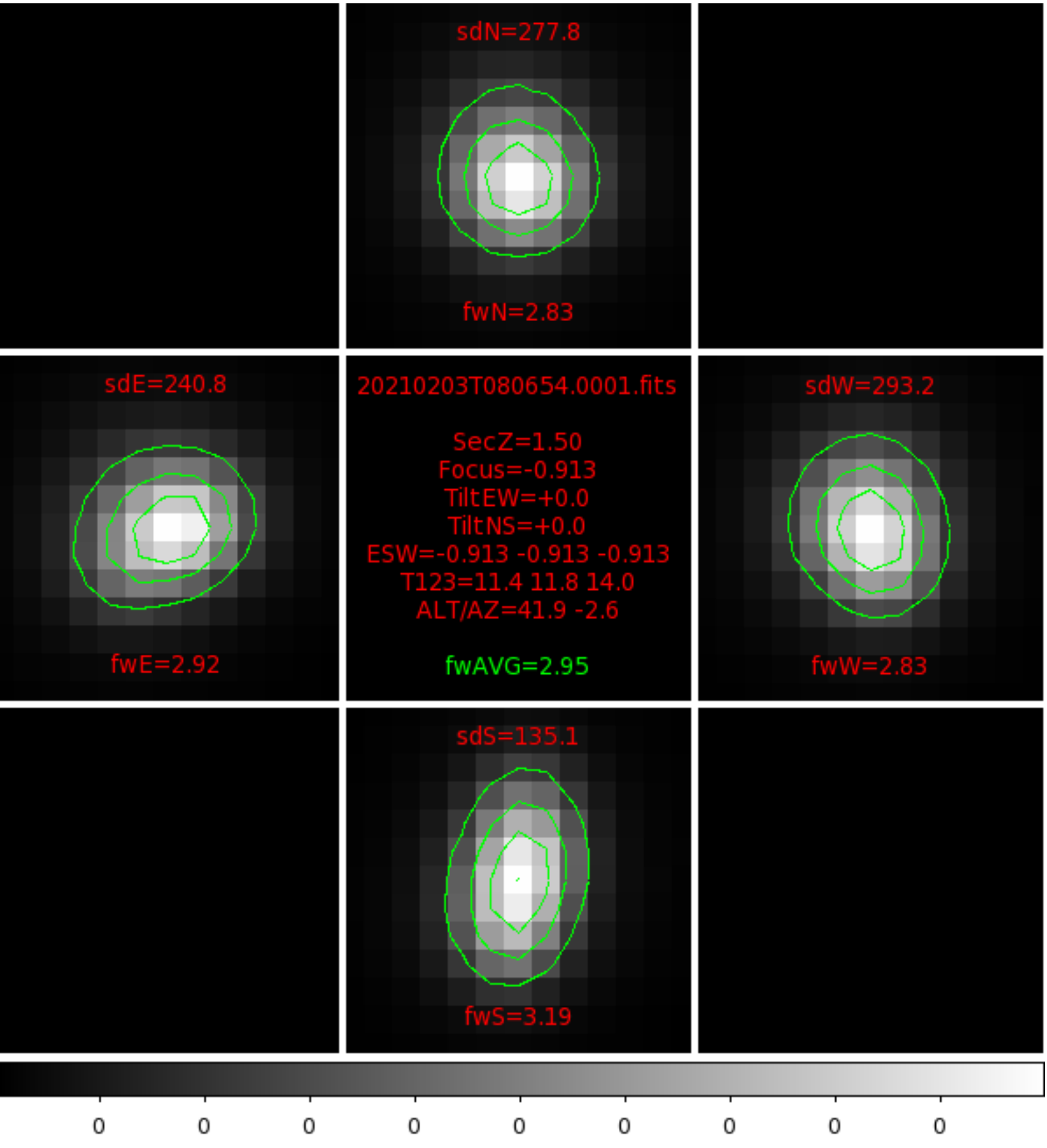
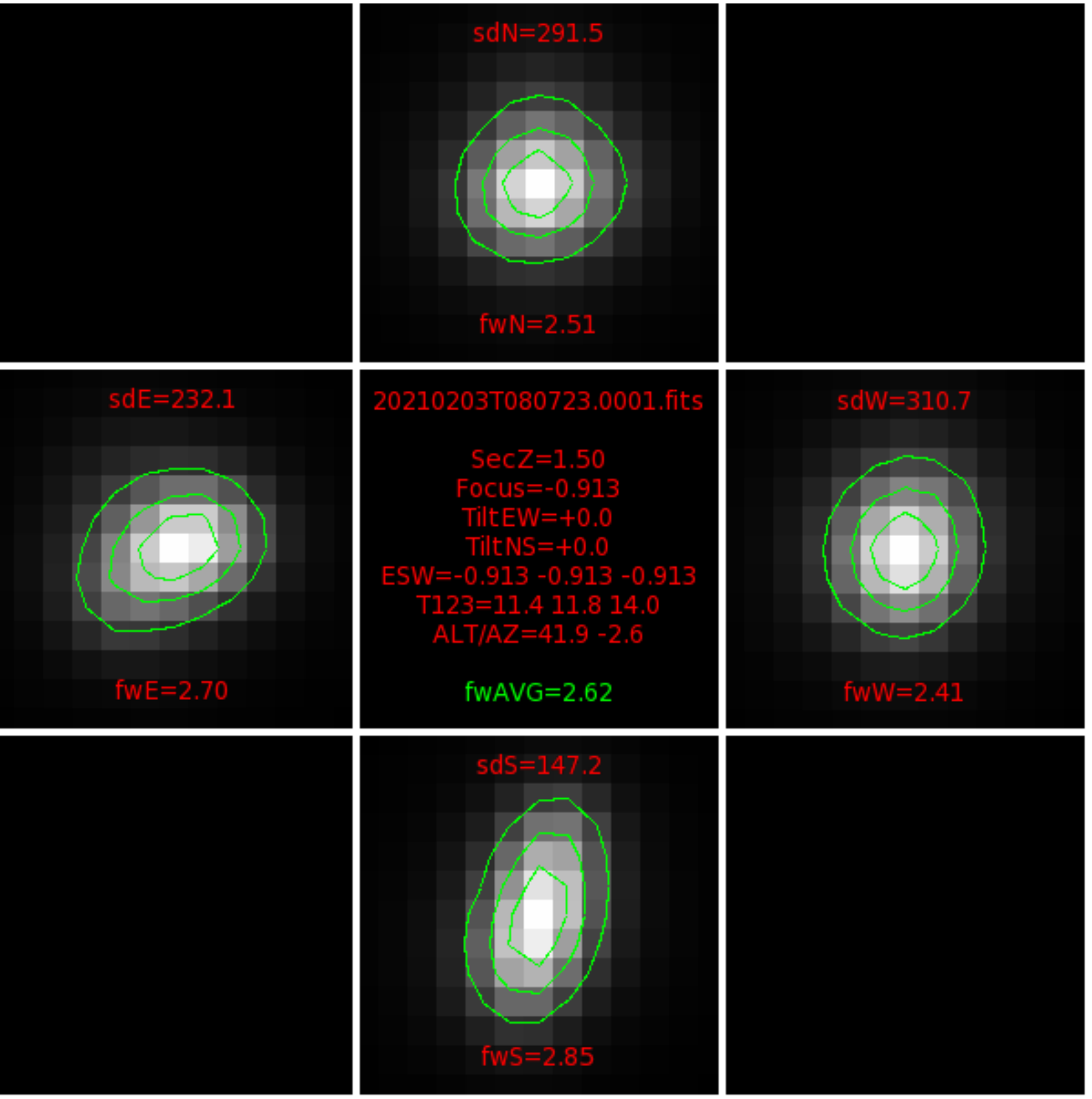
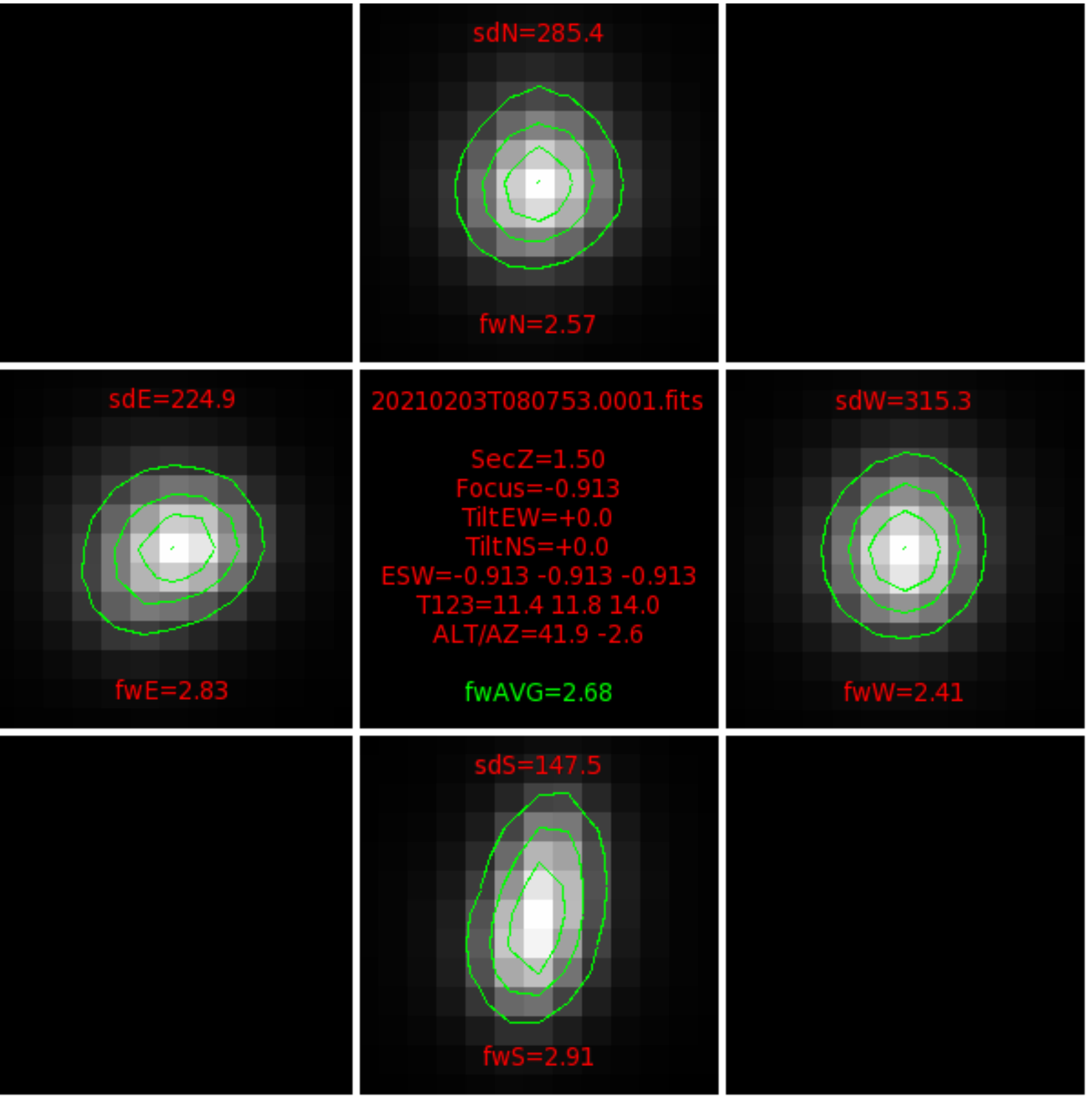

sdN=277.8
fwN=2.83
sdE=240.8
fwE=2.92
20210203T080654.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -2.6
fwAVG=2.95
sdW=293.2
fwW=2.83
sdS=135.1
fwS=3.19
0 0 0 0 0 0 0 0 0


sdN=291.5
fwN=2.51
sdE=232.1
fwE=2.70
20210203T080723.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -2.6
fwAVG=2.62
sdW=310.7
fwW=2.41
sdS=147.2
fwS=2.85
0 0 0 0 0 0 0 0 0


sdN=285.4
fwN=2.57
sdE=224.9
fwE=2.83
20210203T080753.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -2.6
fwAVG=2.68
sdW=315.3
fwW=2.41
sdS=147.5
fwS=2.91
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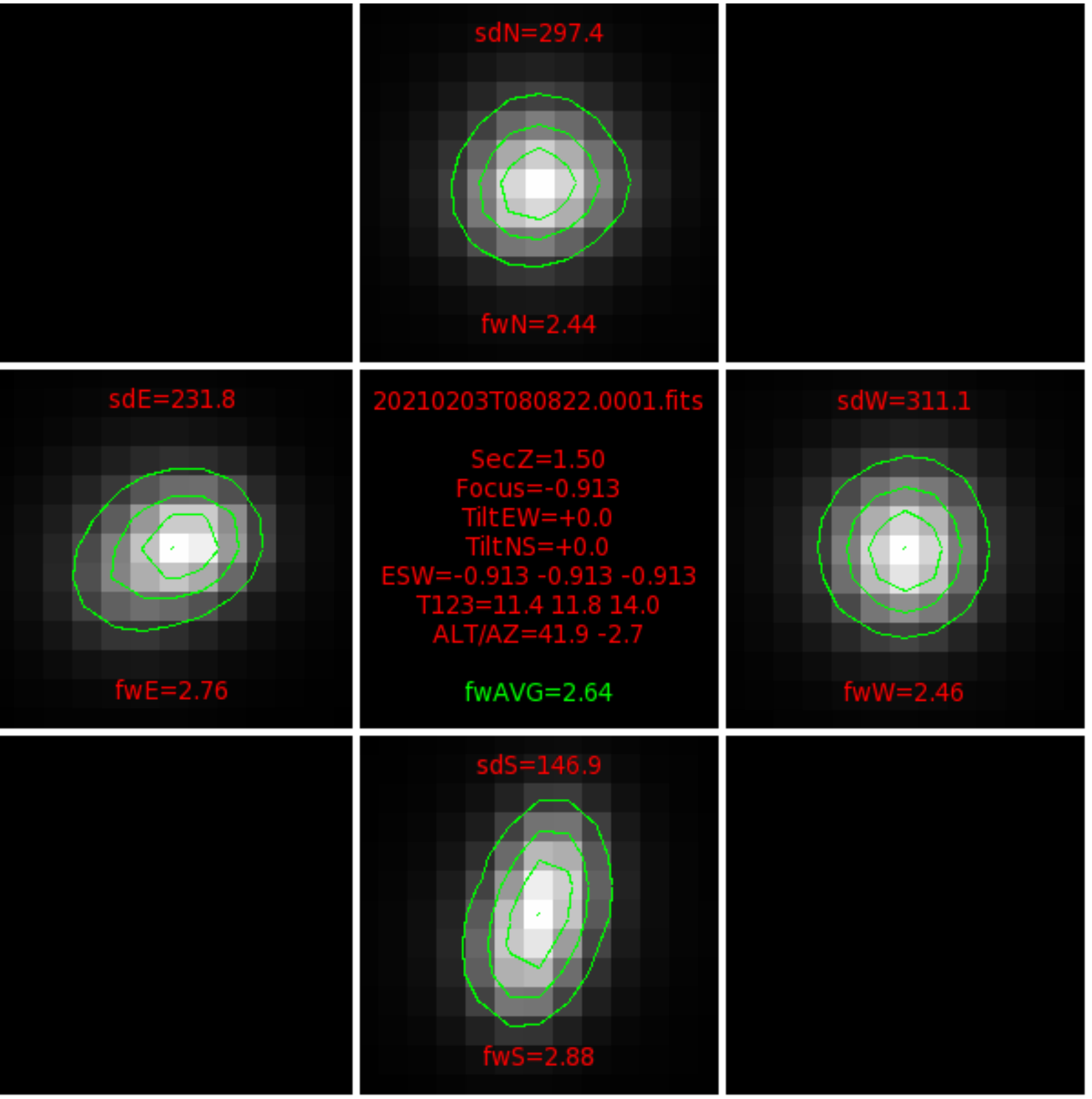
sdN=297.4
fwN=2.44
sdE=231.8
fwE=2.76
20210203T080822.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -2.7
fwAVG=2.64
sdW=311.1
fwW=2.46
sdS=146.9
fwS=2.88
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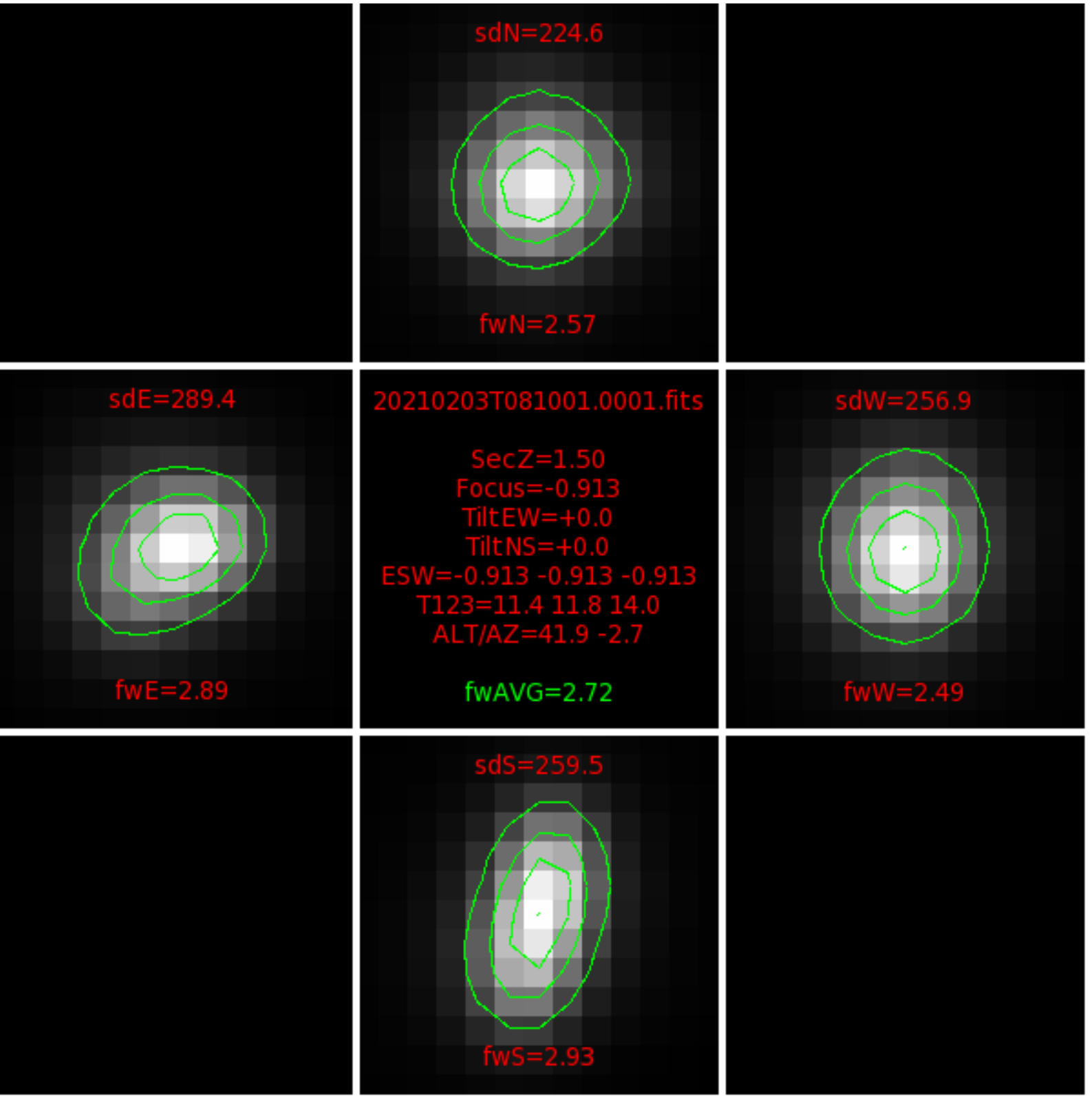
sdN=224.6
fwN=2.57
sdE=289.4
fwE=2.89
20210203T081001.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -2.7
fwAVG=2.72
sdW=256.9
fwW=2.49
sdS=259.5
fwS=2.93
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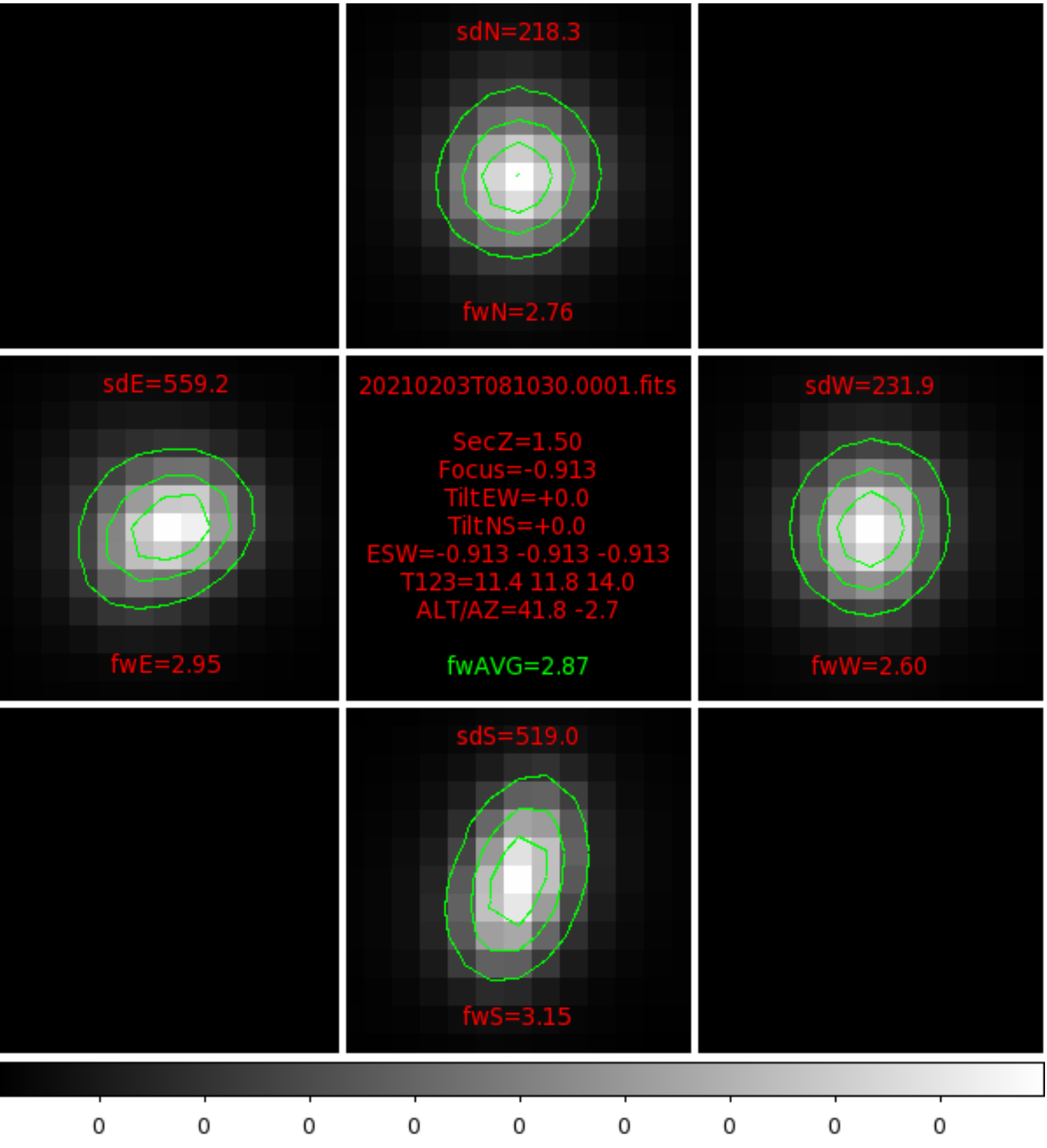
sdN=218.3
fwN=2.76
sdE=559.2
fwE=2.95
20210203T081030.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.8 -2.7
fwAVG=2.87
sdW=231.9
fwW=2.60
sdS=519.0
fwS=3.15
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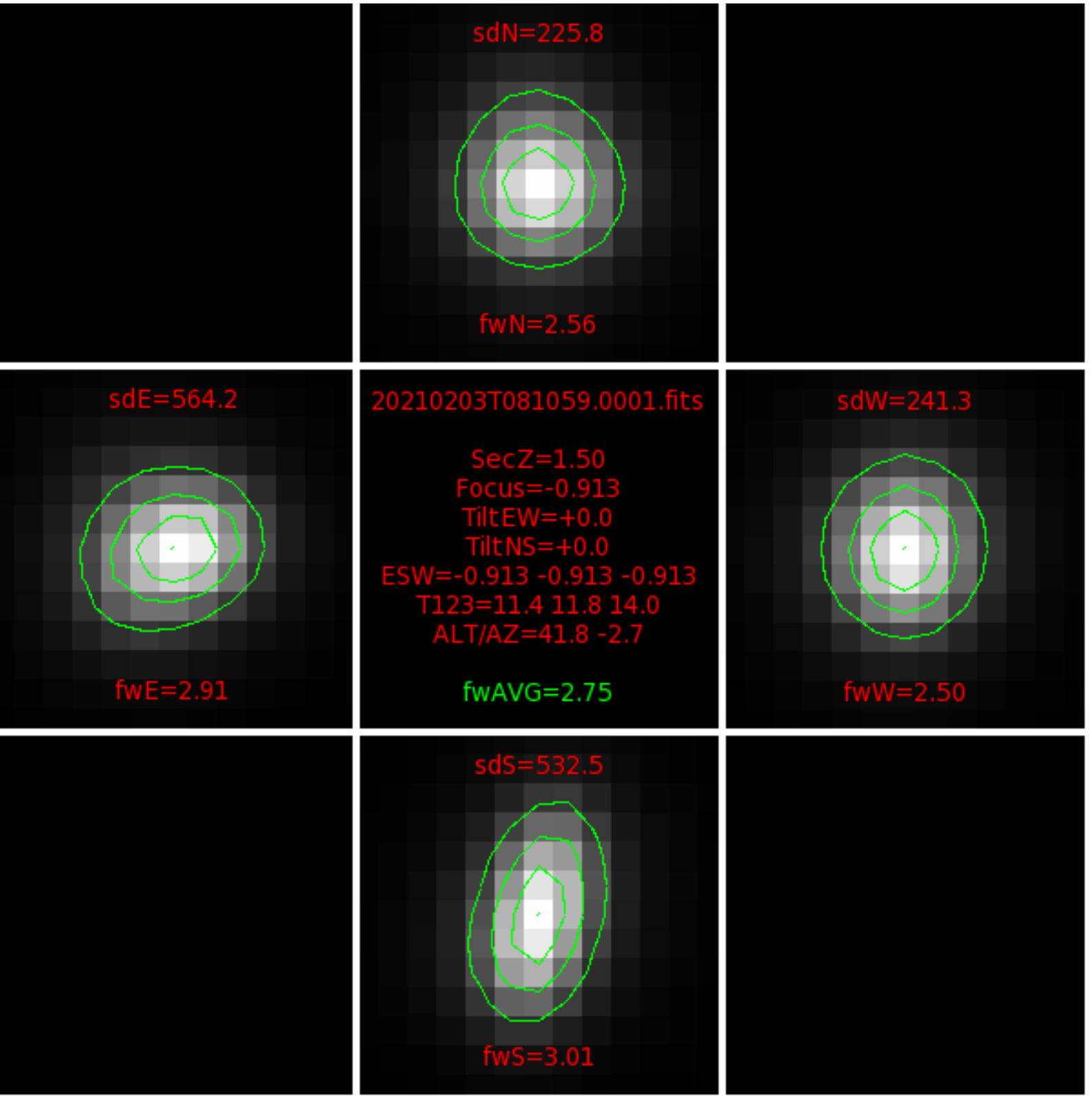
sdN=225.8
fwN=2.56
sdE=564.2
fwE=2.91
20210203T081059.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.8 -2.7
fwAVG=2.75
sdW=241.3
fwW=2.50
sdS=532.5
fwS=3.01
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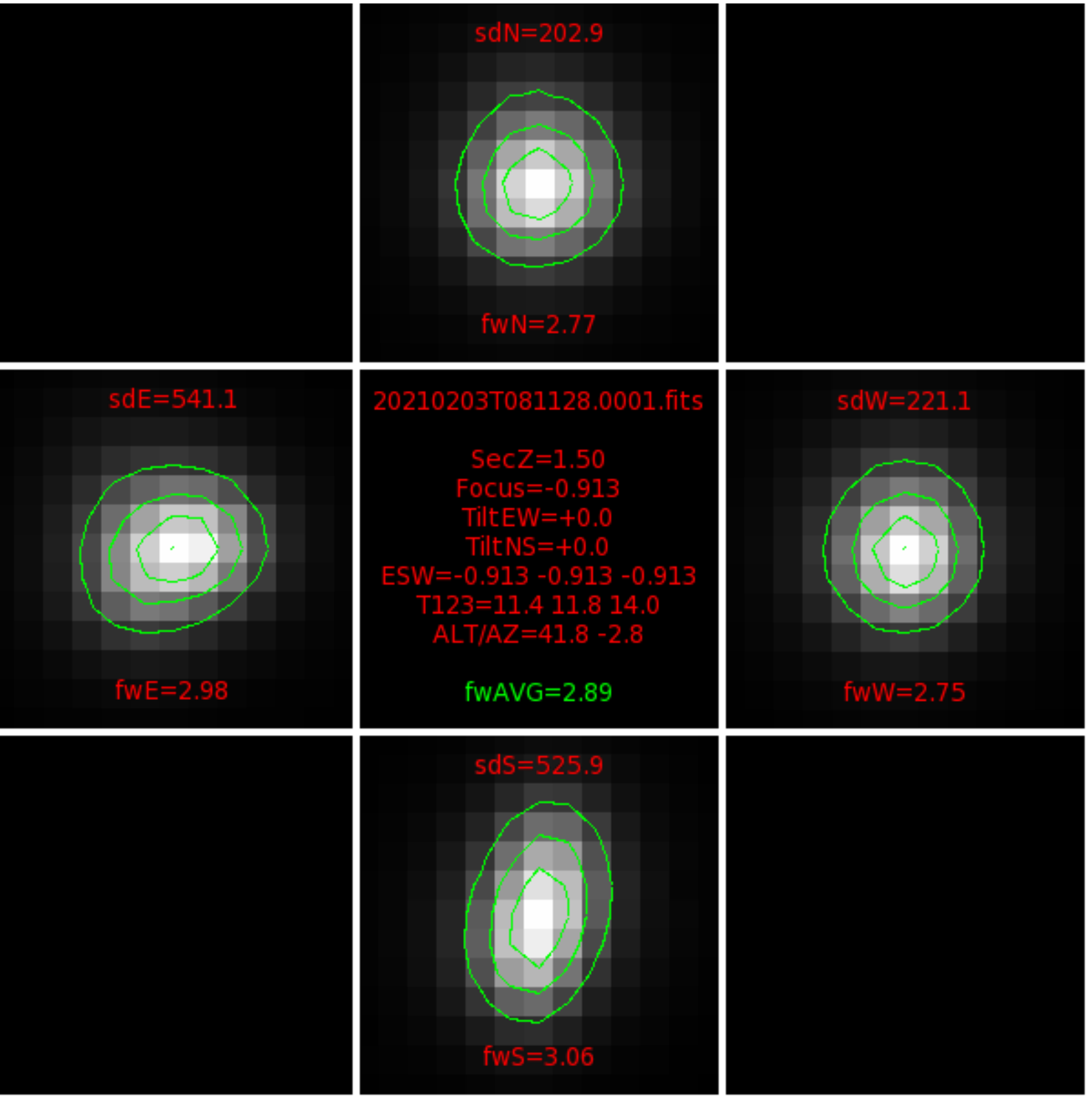
sdN=202.9
fwN=2.77
sdE=541.1
fwE=2.98
20210203T081128.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.8 -2.8
fwAVG=2.89
sdW=221.1
fwW=2.75
sdS=525.9
fwS=3.06
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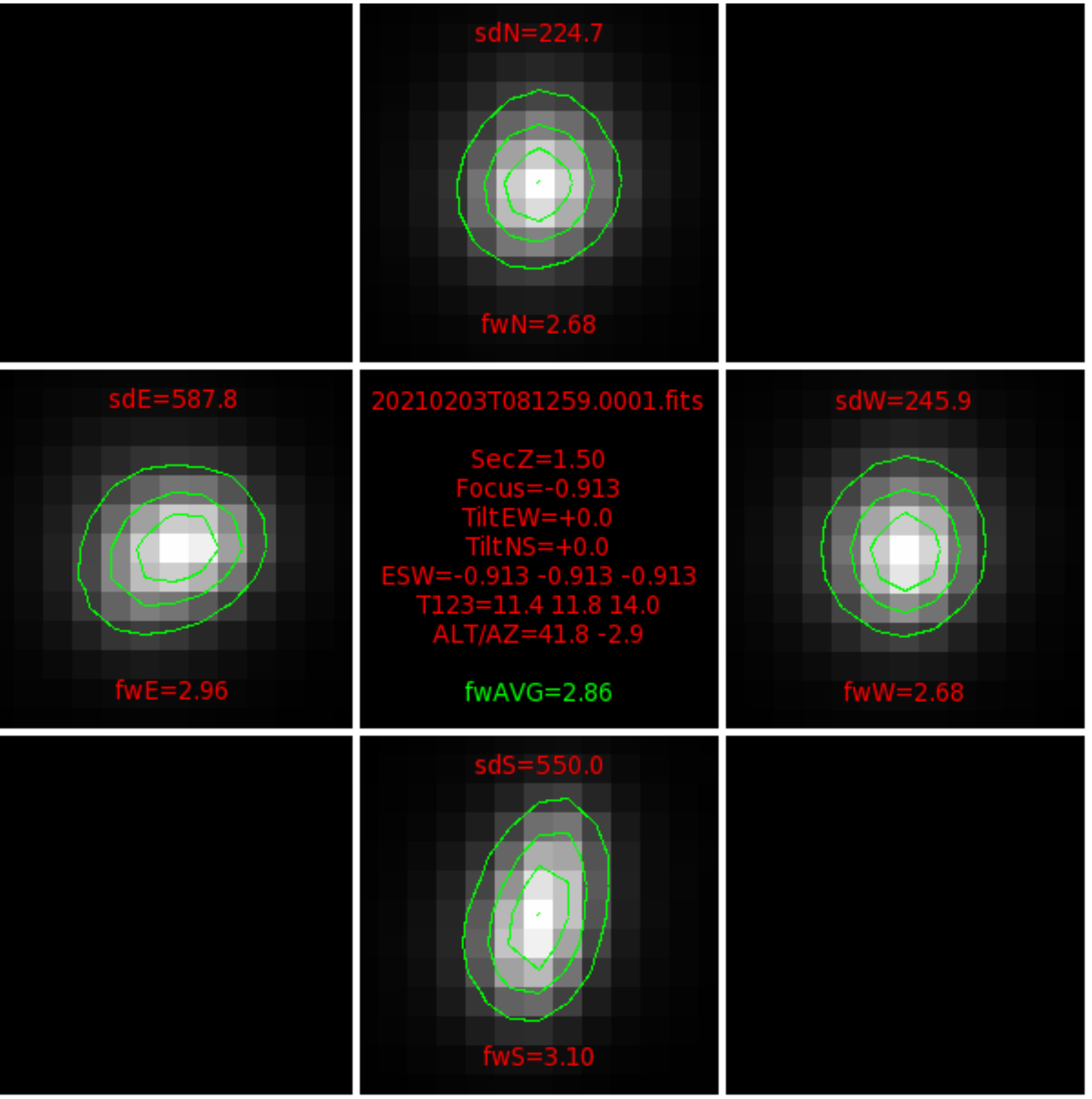
sdN=224.7
fwN=2.68
sdE=587.8
fwE=2.96
20210203T081259.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.8 -2.9
fwAVG=2.86
sdW=245.9
fwW=2.68
sdS=550.0
fwS=3.10
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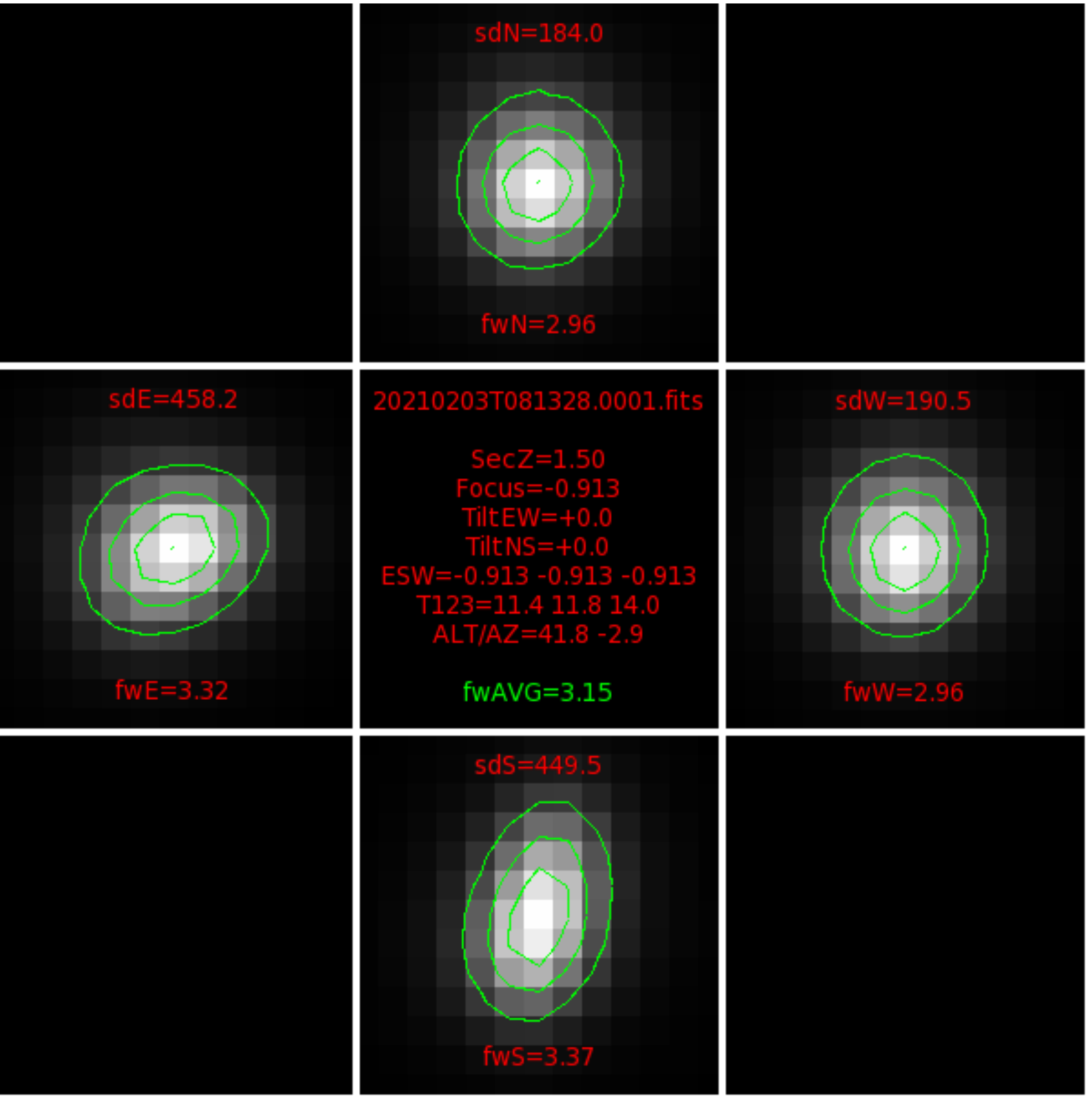
sdN=184.0
fwN=2.96
sdE=458.2
fwE=3.32
20210203T081328.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.8 -2.9
fwAVG=3.15
sdW=190.5
fwW=2.96
sdS=449.5
fwS=3.37
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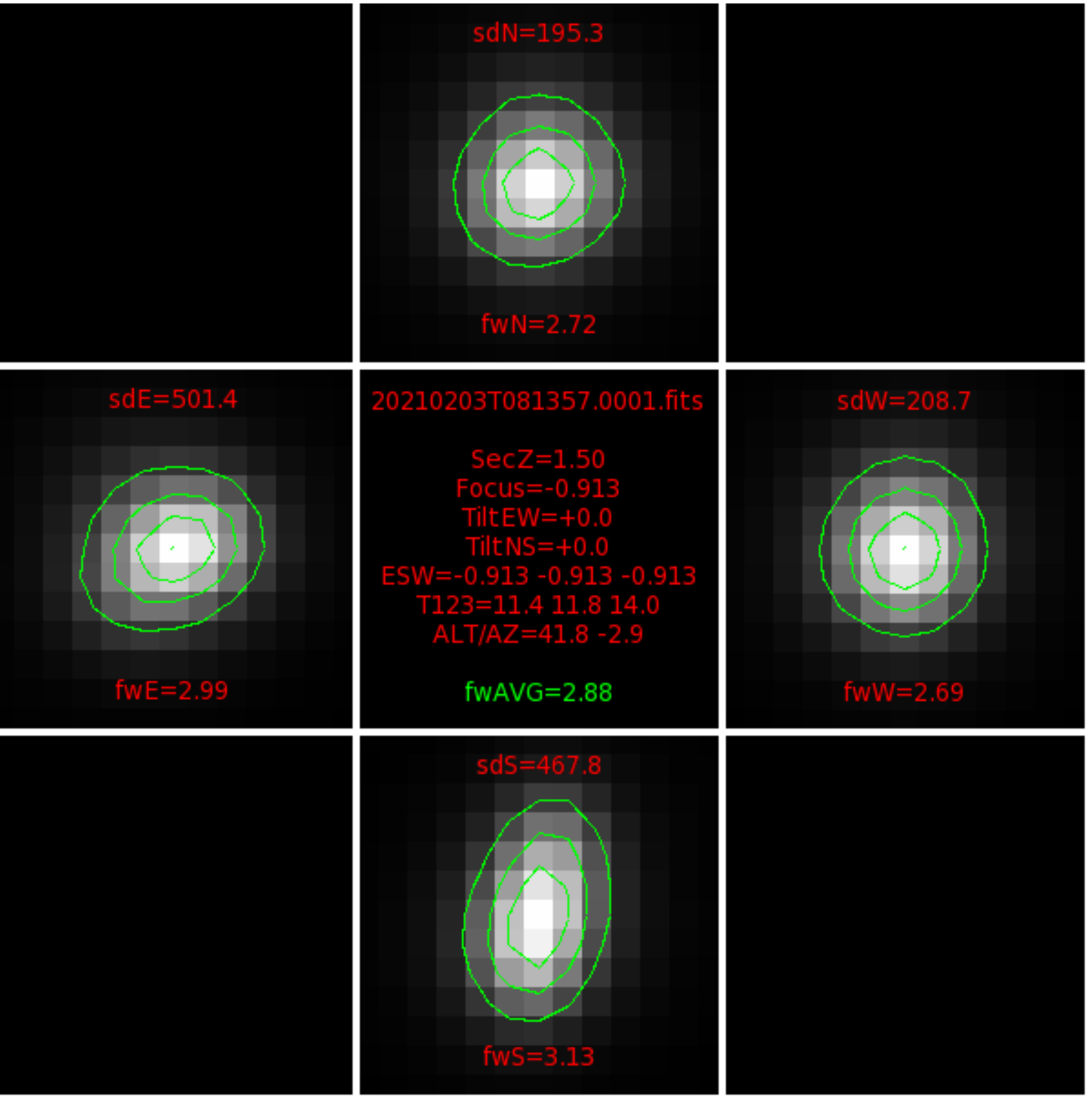
sdN=195.3
fwN=2.72
sdE=501.4
fwE=2.99
20210203T081357.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.8 -2.9
fwAVG=2.88
sdW=208.7
fwW=2.69
sdS=467.8
fwS=3.13
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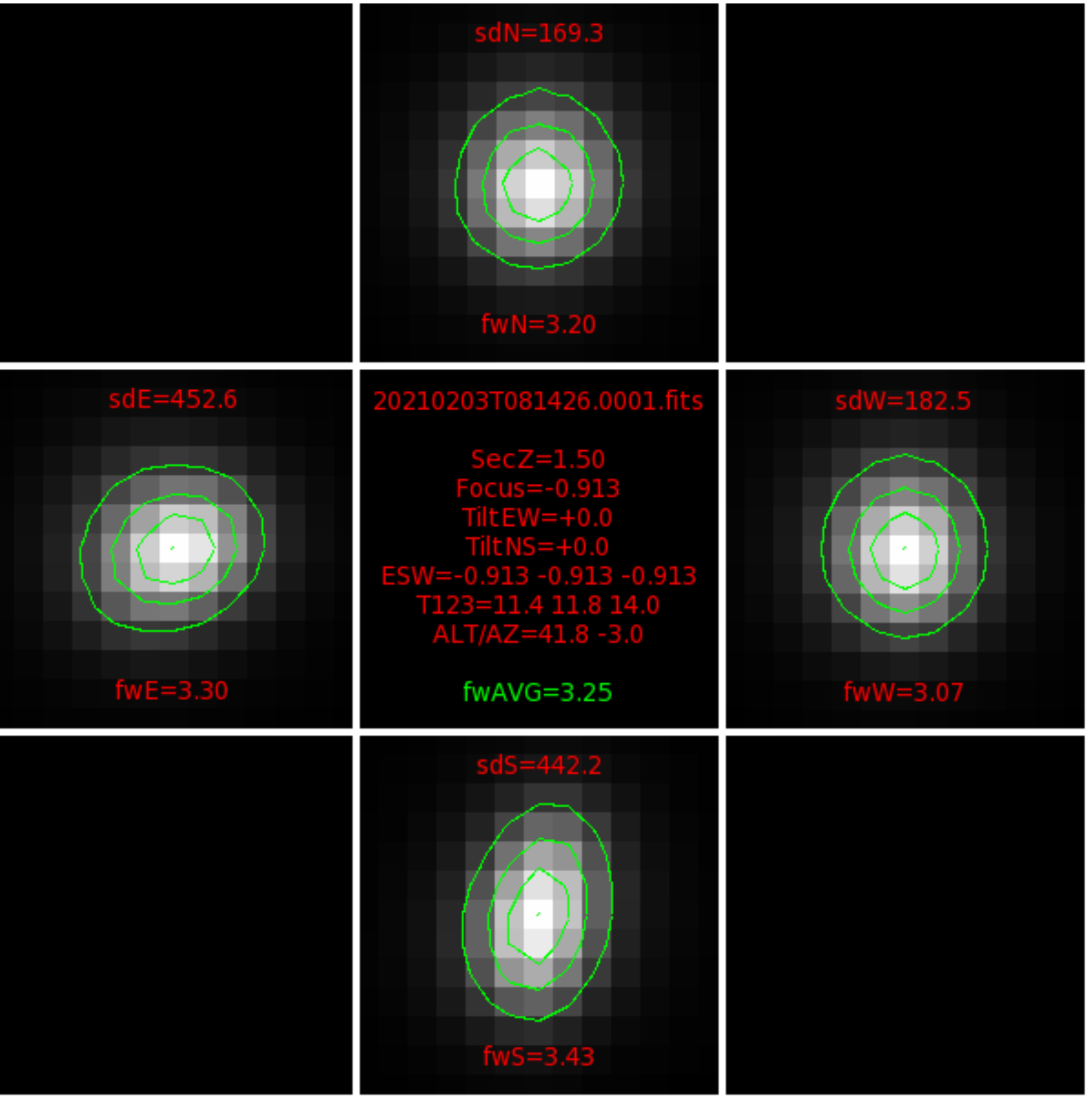
sdN=169.3
fwN=3.20
sdE=452.6
fwE=3.30
20210203T081426.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.8 -3.0
fwAVG=3.25
sdW=182.5
fwW=3.07
sdS=442.2
fwS=3.43
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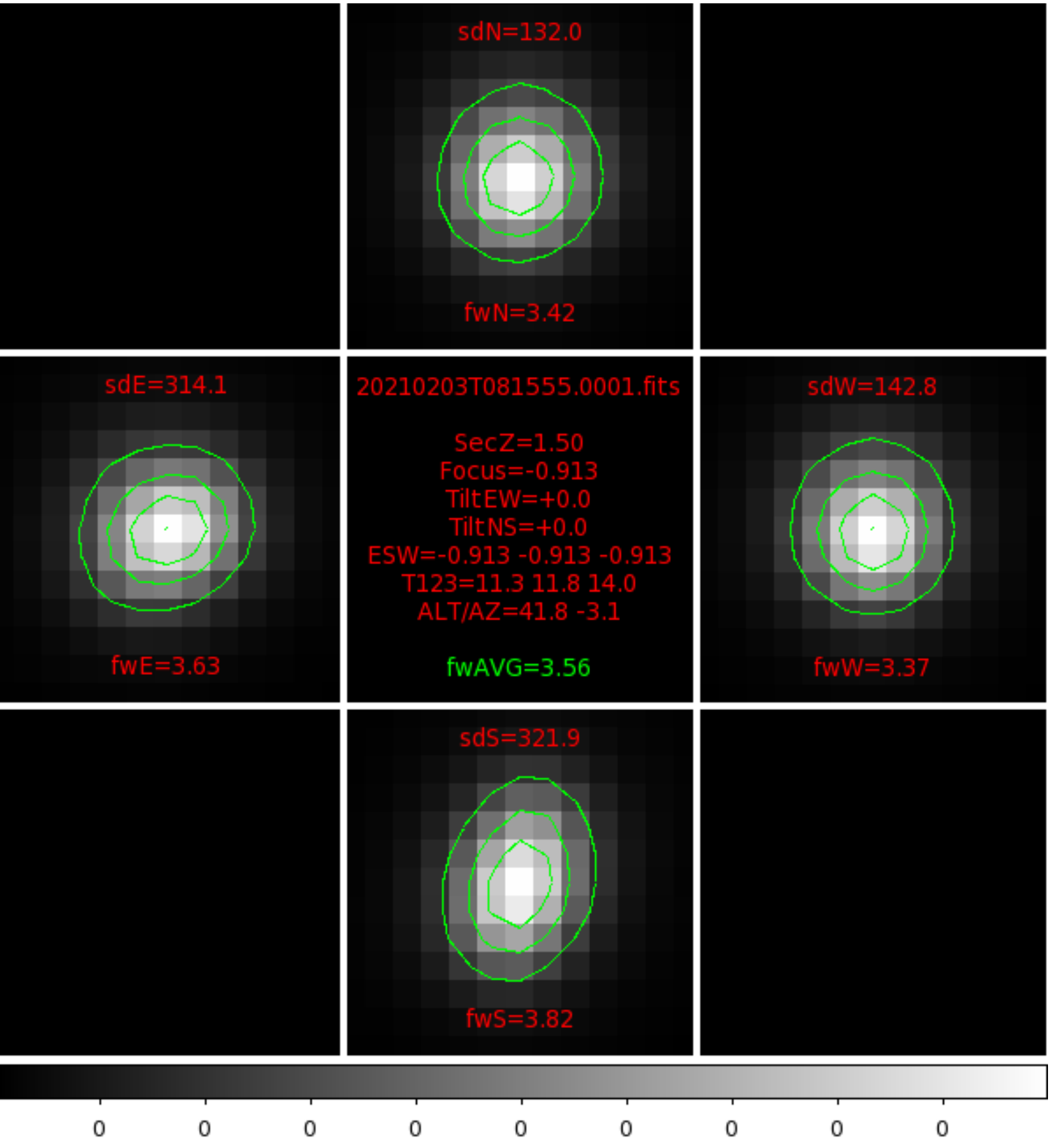
sdN=132.0
fwN=3.42
sdE=314.1
fwE=3.63
20210203T081555.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.3 11.8 14.0
ALT/AZ=41.8 -3.1
fwAVG=3.56
sdW=142.8
fwW=3.37
sdS=321.9
fwS=3.82
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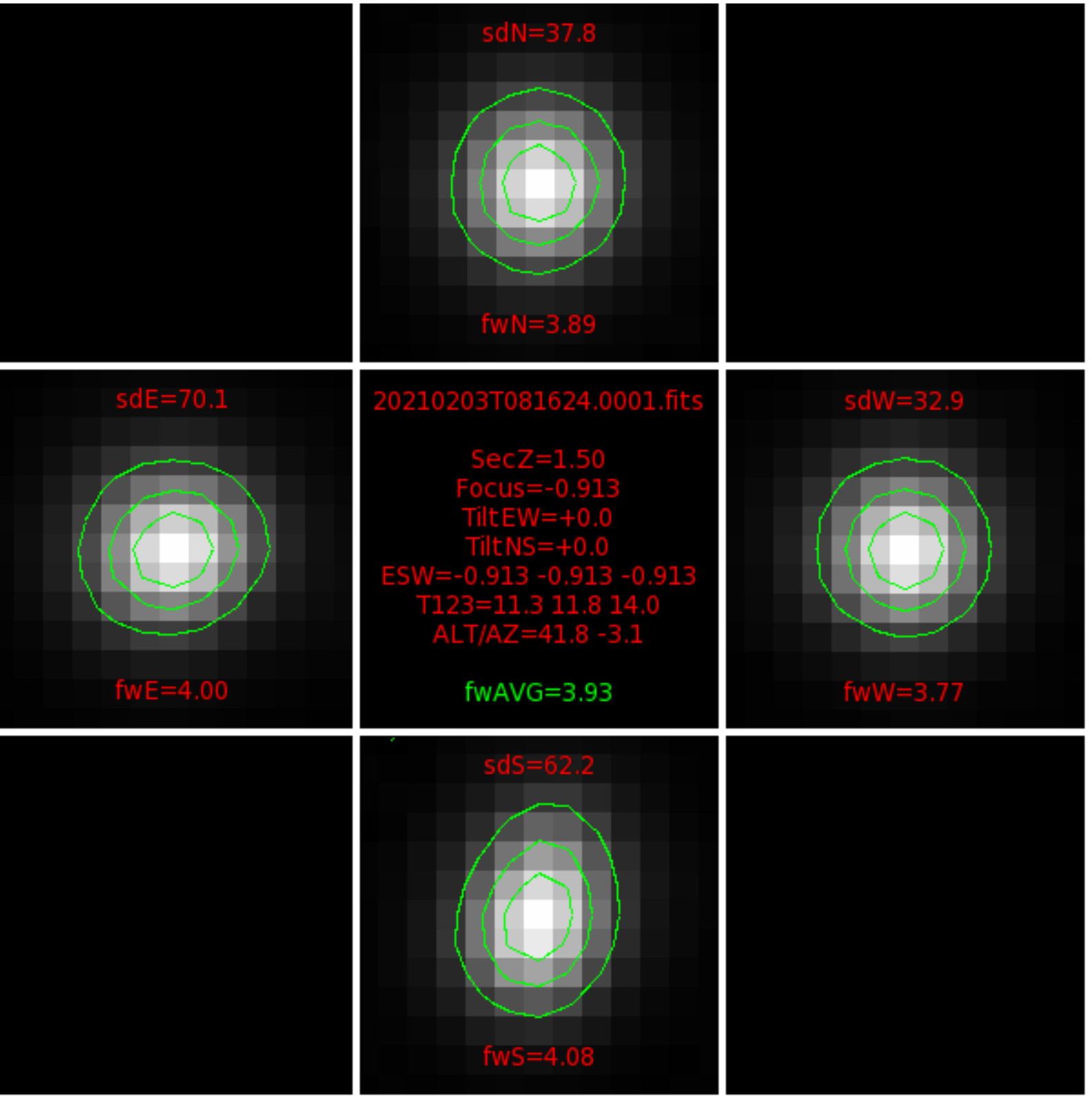
sdN=37.8
fwN=3.89
sdE=70.1
fwE=4.00
20210203T081624.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.3 11.8 14.0
ALT/AZ=41.8 -3.1
fwAVG=3.93
sdW=32.9
fwW=3.77
sdS=62.2
fwS=4.08
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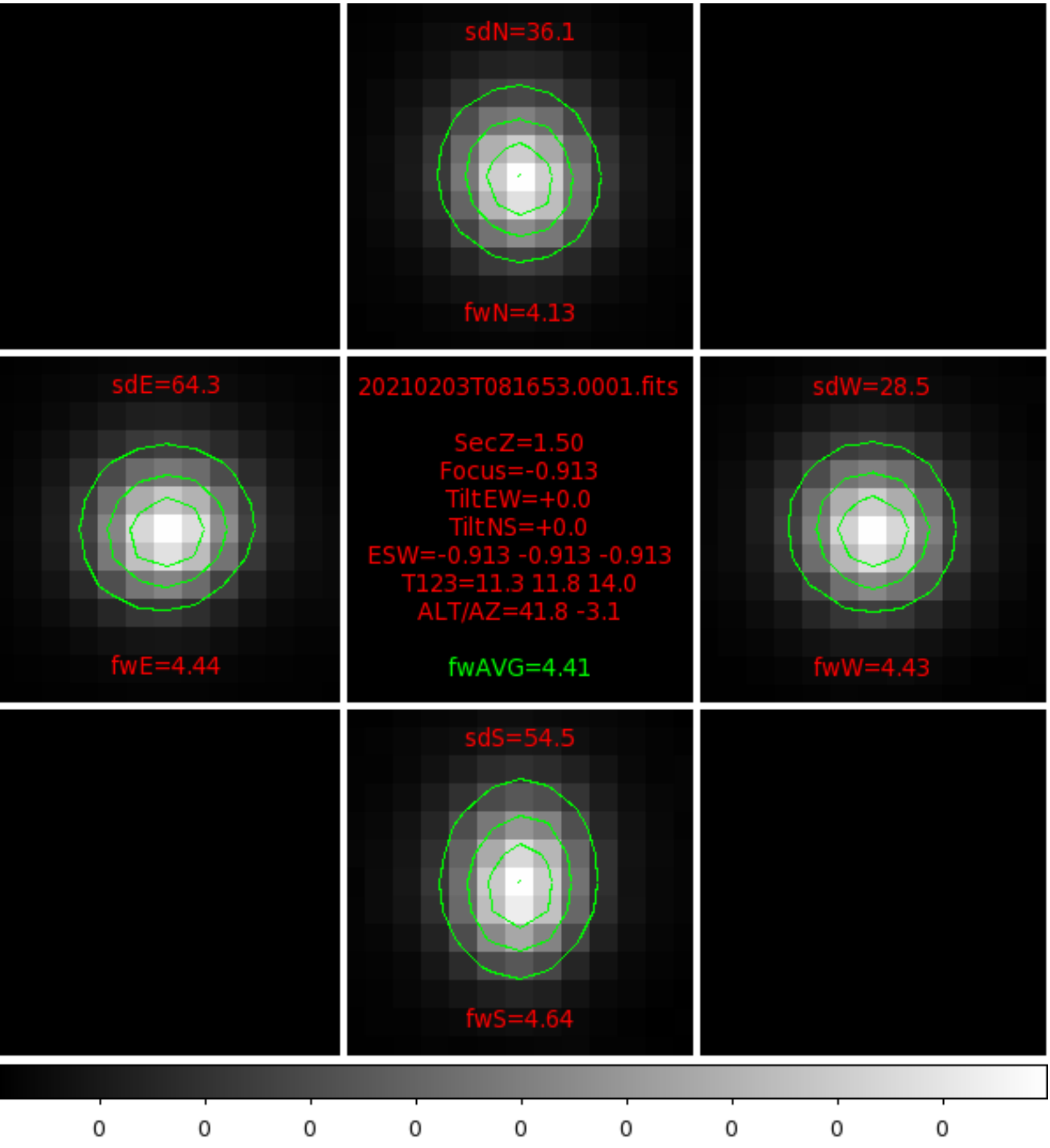
sdN=36.1
fwN=4.13
sdE=64.3
fwE=4.44
20210203T081653.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.3 11.8 14.0
ALT/AZ=41.8 -3.1
fwAVG=4.41
sdW=28.5
fwW=4.43
sdS=54.5
fwS=4.64
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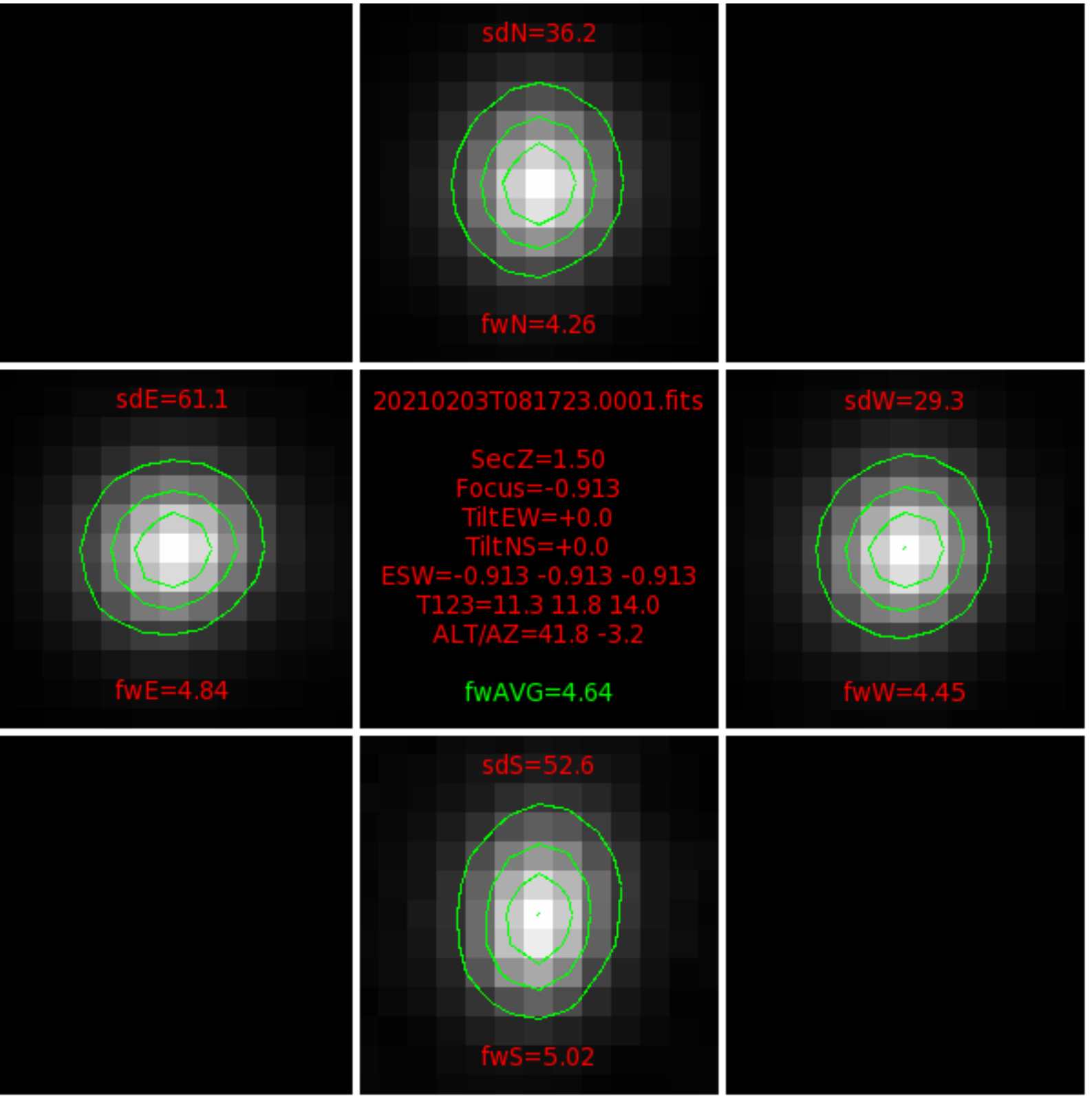
sdN=36.2
fwN=4.26
sdE=61.1
fwE=4.84
20210203T081723.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.3 11.8 14.0
ALT/AZ=41.8 -3.2
fwAVG=4.64
sdW=29.3
fwW=4.45
sdS=52.6
fwS=5.02
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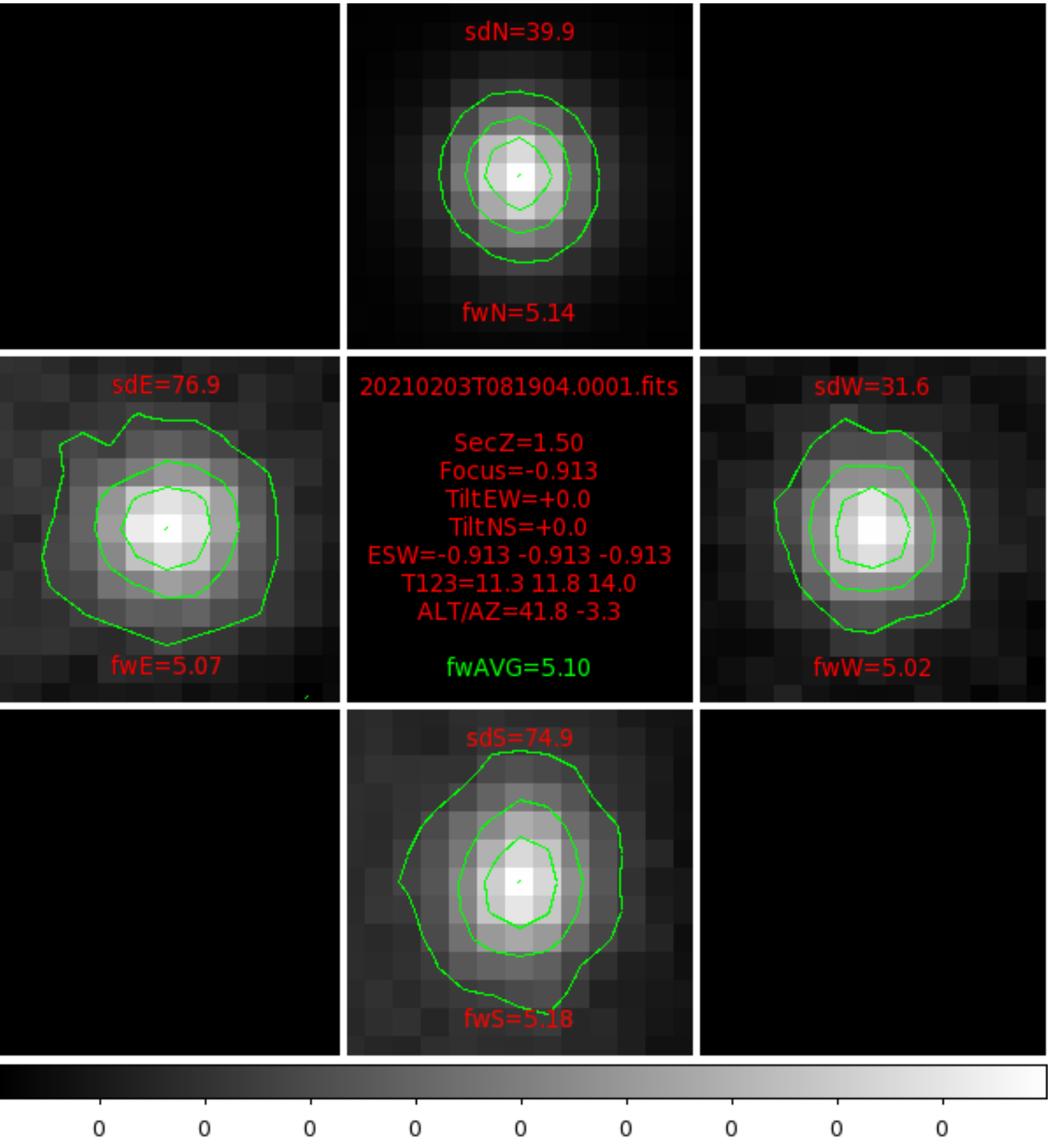
sdN=39.9
fwN=5.14
sdE=76.9
fwE=5.07
20210203T081904.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.3 11.8 14.0
ALT/AZ=41.8 -3.3
fwAVG=5.10
sdW=31.6
fwW=5.02
sdS=74.9
fwS=5.18
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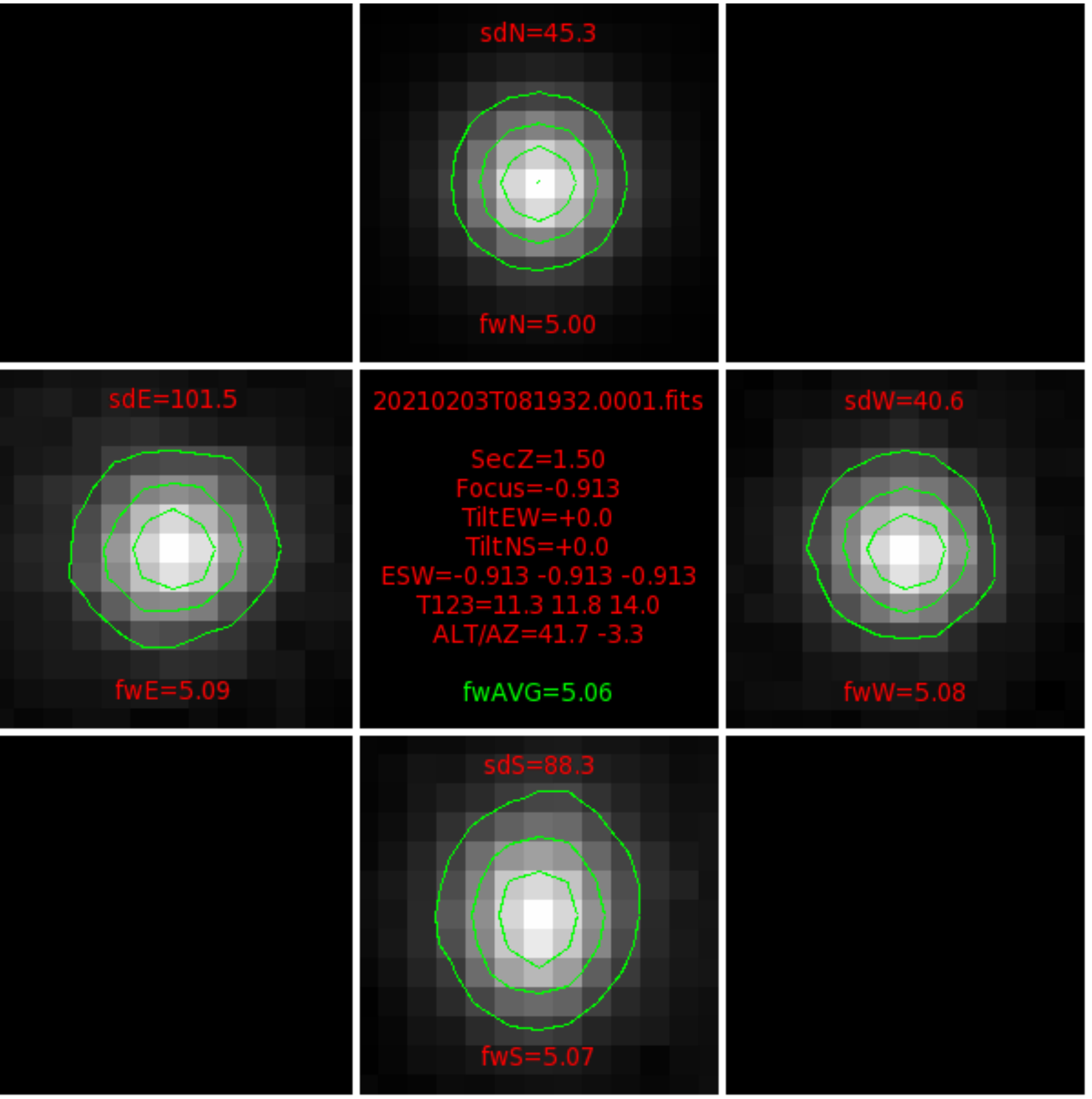
sdN=45.3
fwN=5.00
sdE=101.5
fwE=5.09
20210203T081932.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.3 11.8 14.0
ALT/AZ=41.7 -3.3
fwAVG=5.06
sdW=40.6
fwW=5.08
sdS=88.3
fwS=5.07
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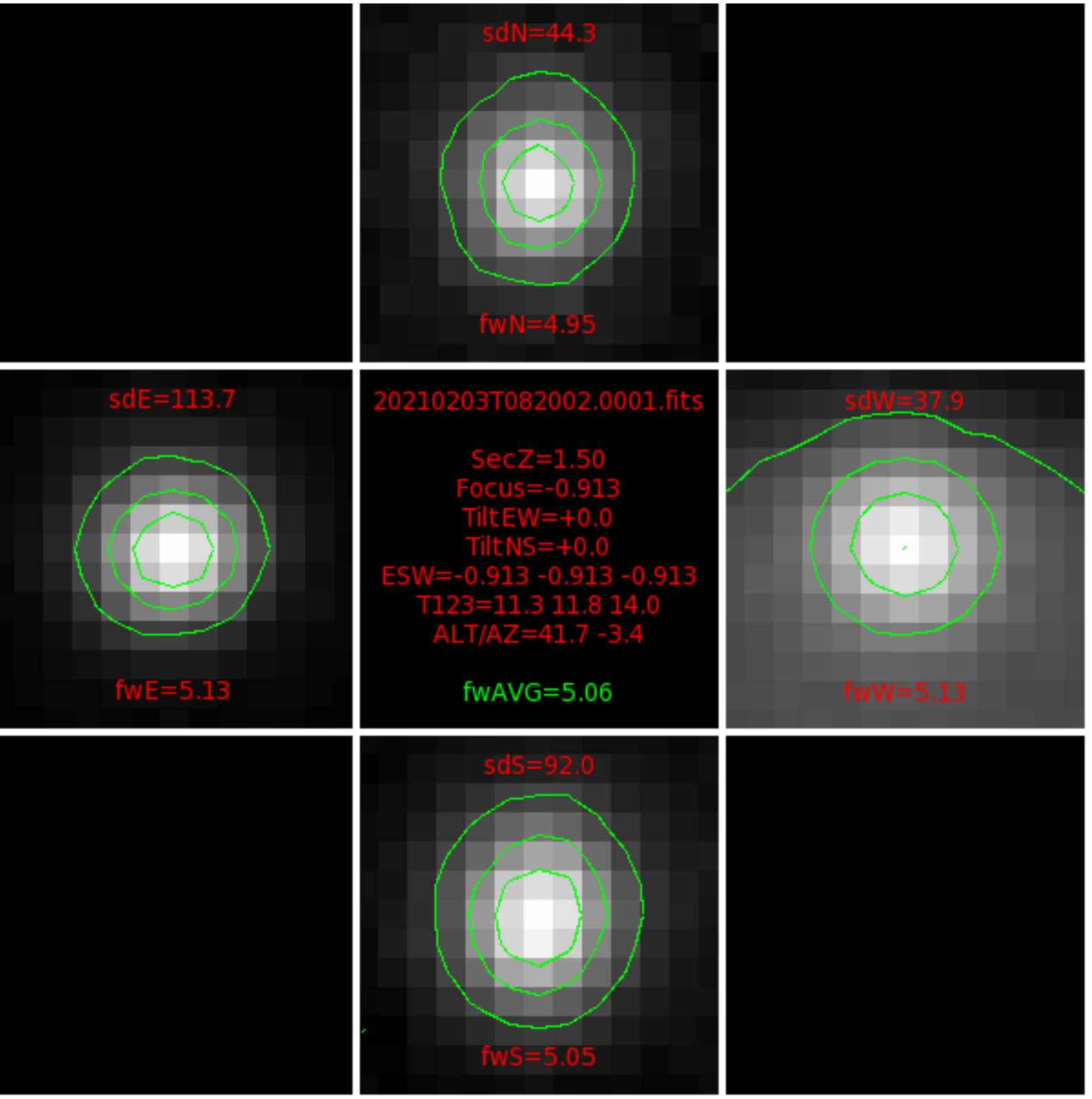
sdN=44.3
fwN=4.95
sdE=113.7
fwE=5.13
20210203T082002.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.3 11.8 14.0
ALT/AZ=41.7 -3.4
fwAVG=5.06
sdW=37.9
fwW=5.13
sdS=92.0
fwS=5.05
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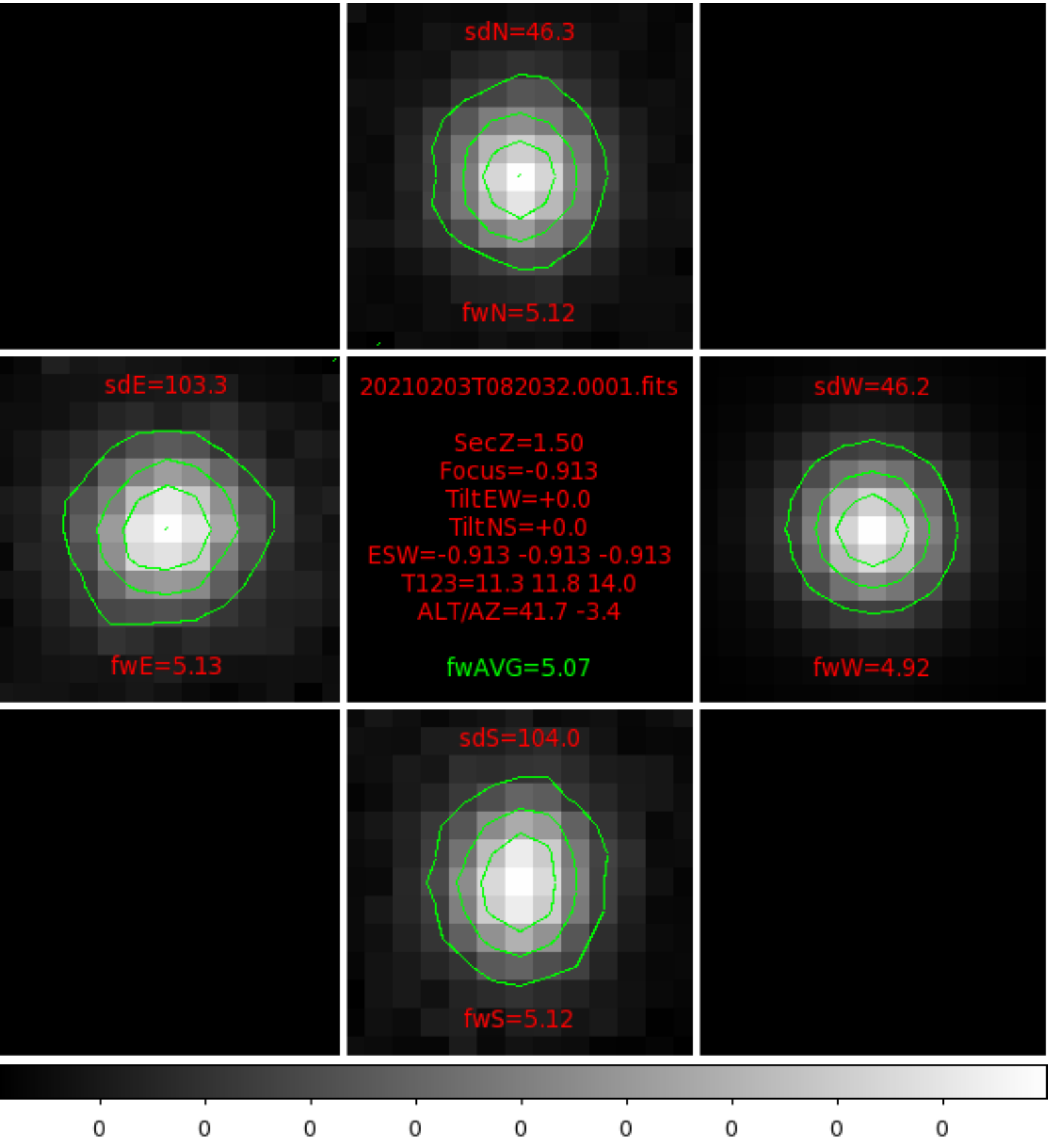
sdN=46.3
fwN=5.12
sdE=103.3
fwE=5.13
20210203T082032.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.3 11.8 14.0
ALT/AZ=41.7 -3.4
fwAVG=5.07
sdW=46.2
fwW=4.92
sdS=104.0
fwS=5.12
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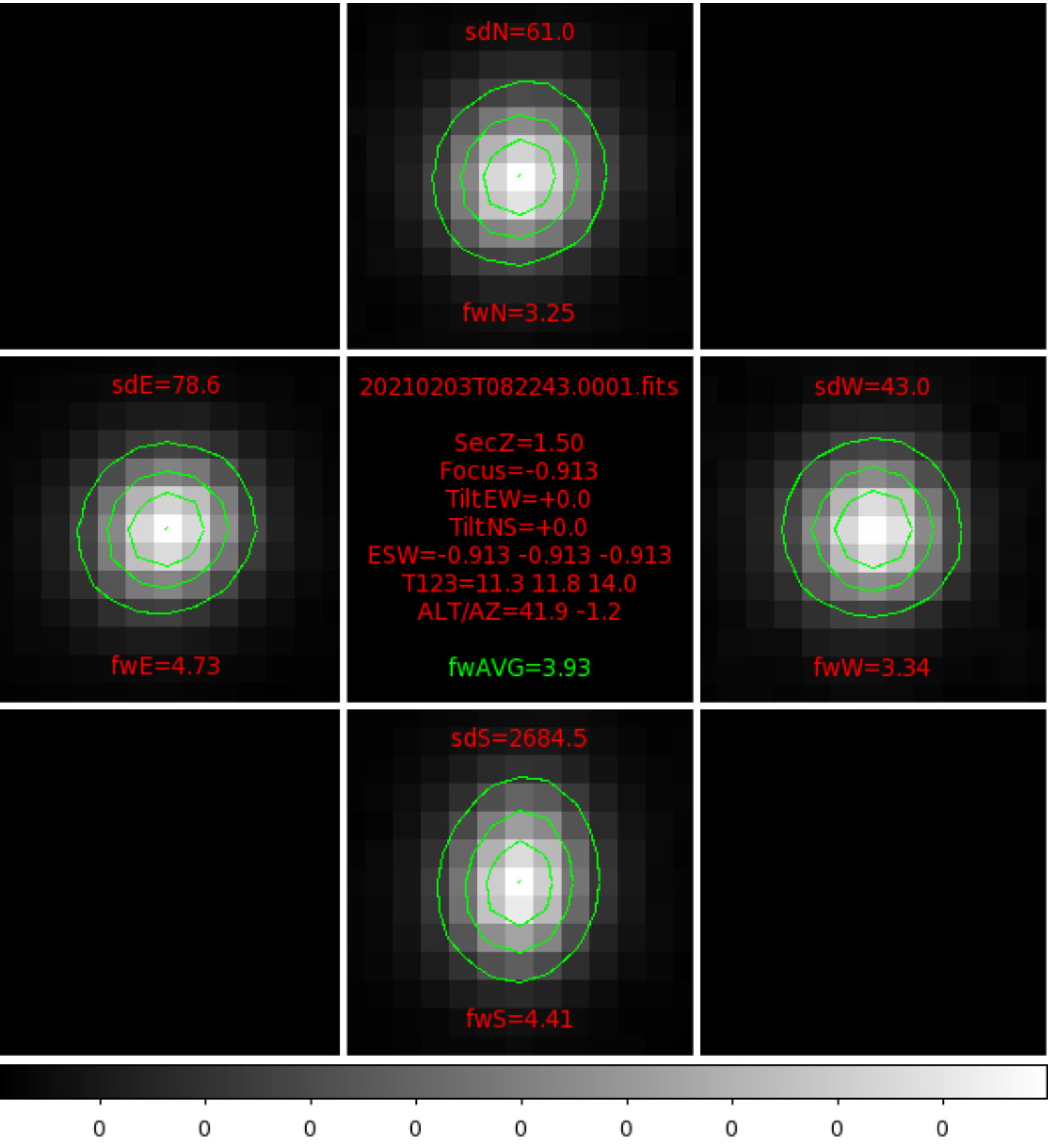
sdN=61.0
fwN=3.25
sdE=78.6
fwE=4.73
20210203T082243.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.3 11.8 14.0
ALT/AZ=41.9 -1.2
fwAVG=3.93
sdW=43.0
fwW=3.34
sdS=2684.5
fwS=4.41
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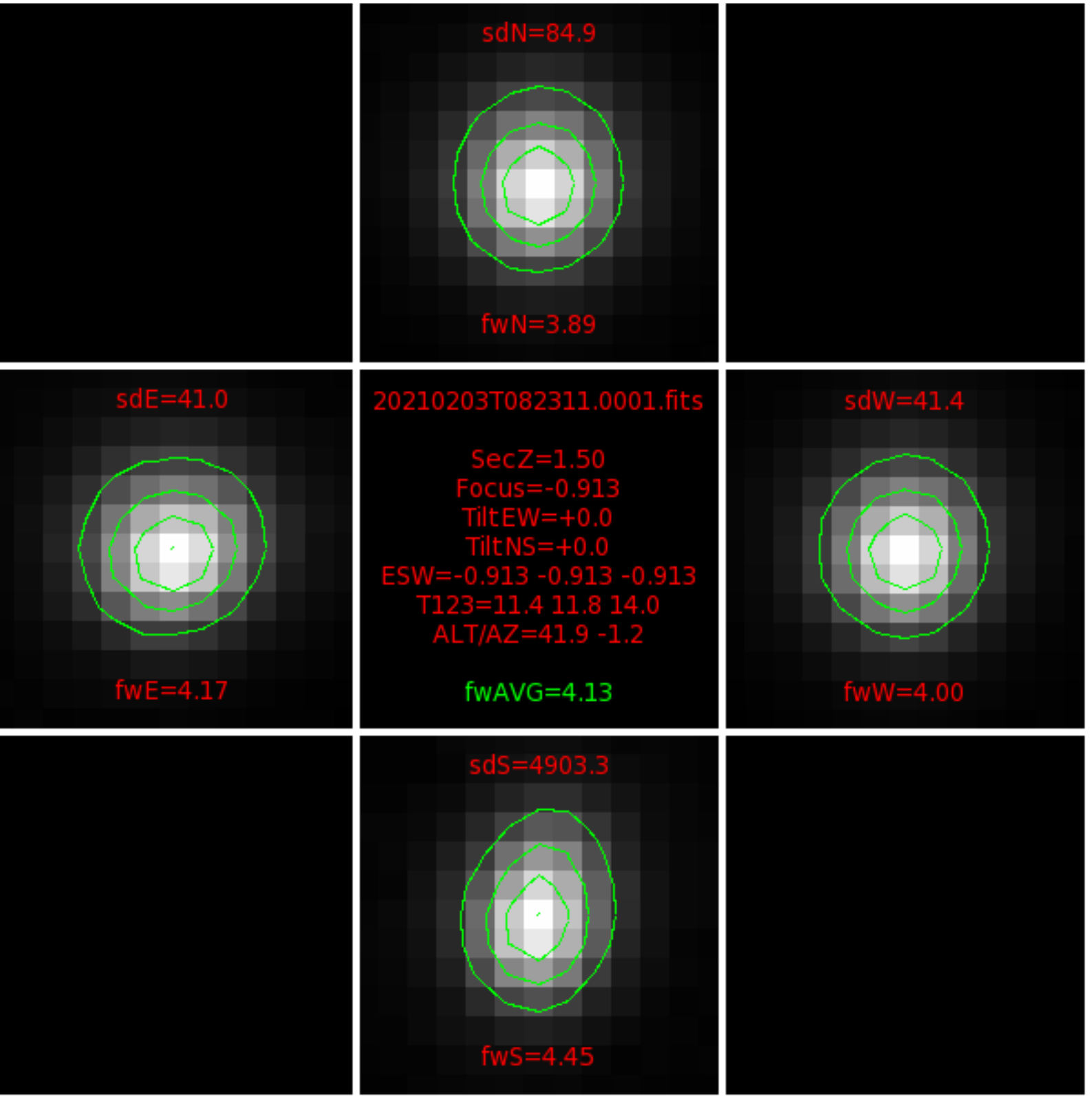
sdN=84.9
fwN=3.89
sdE=41.0
fwE=4.17
20210203T082311.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -1.2
fwAVG=4.13
sdW=41.4
fwW=4.00
sdS=4903.3
fwS=4.45
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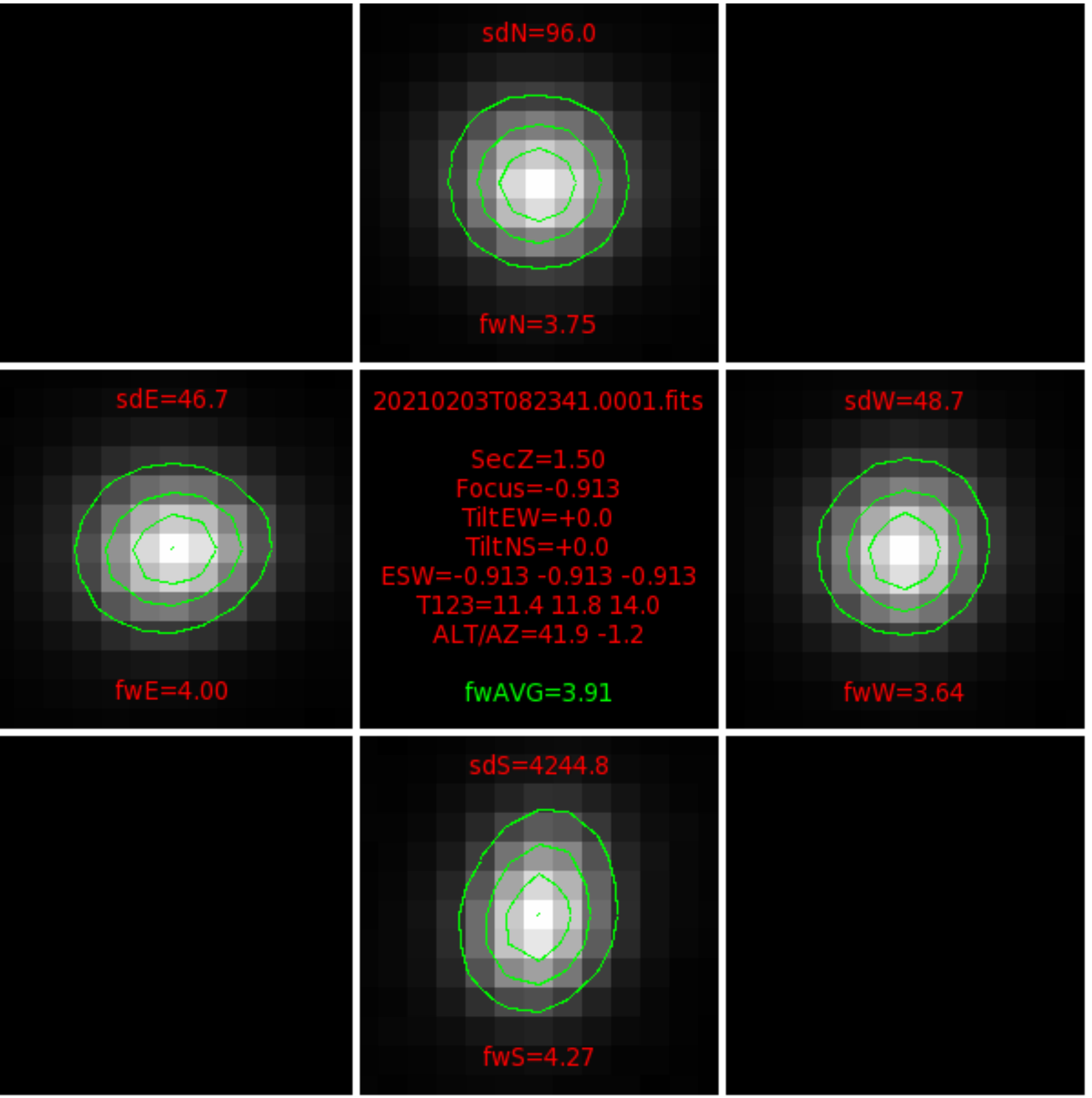
sdN=96.0
fwN=3.75
sdE=46.7
fwE=4.00
20210203T082341.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -1.2
fwAVG=3.91
sdW=48.7
fwW=3.64
sdS=4244.8
fwS=4.27
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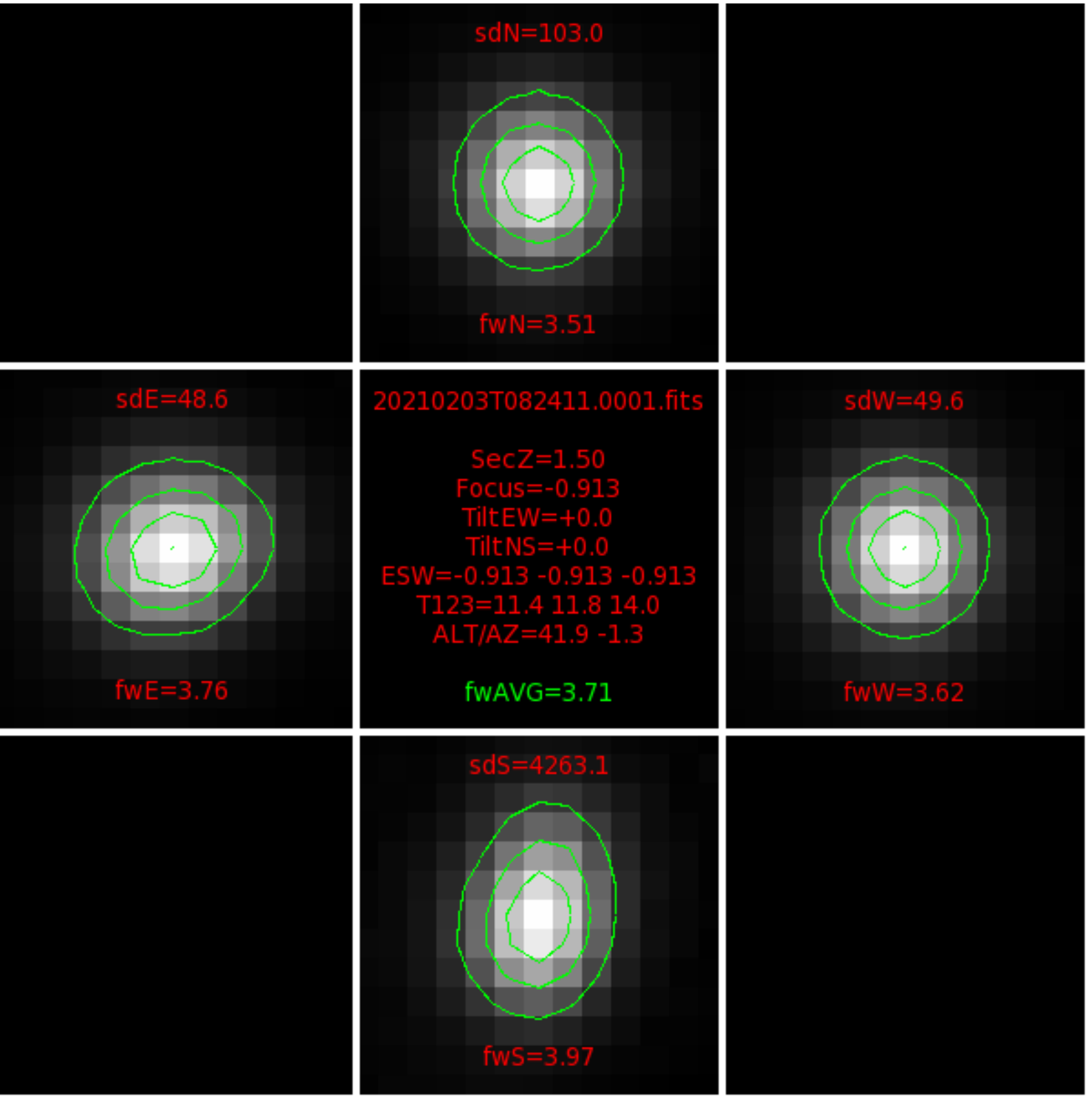
sdN=103.0
fwN=3.51
sdE=48.6
fwE=3.76
20210203T082411.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -1.3
fwAVG=3.71
sdW=49.6
fwW=3.62
sdS=4263.1
fwS=3.97
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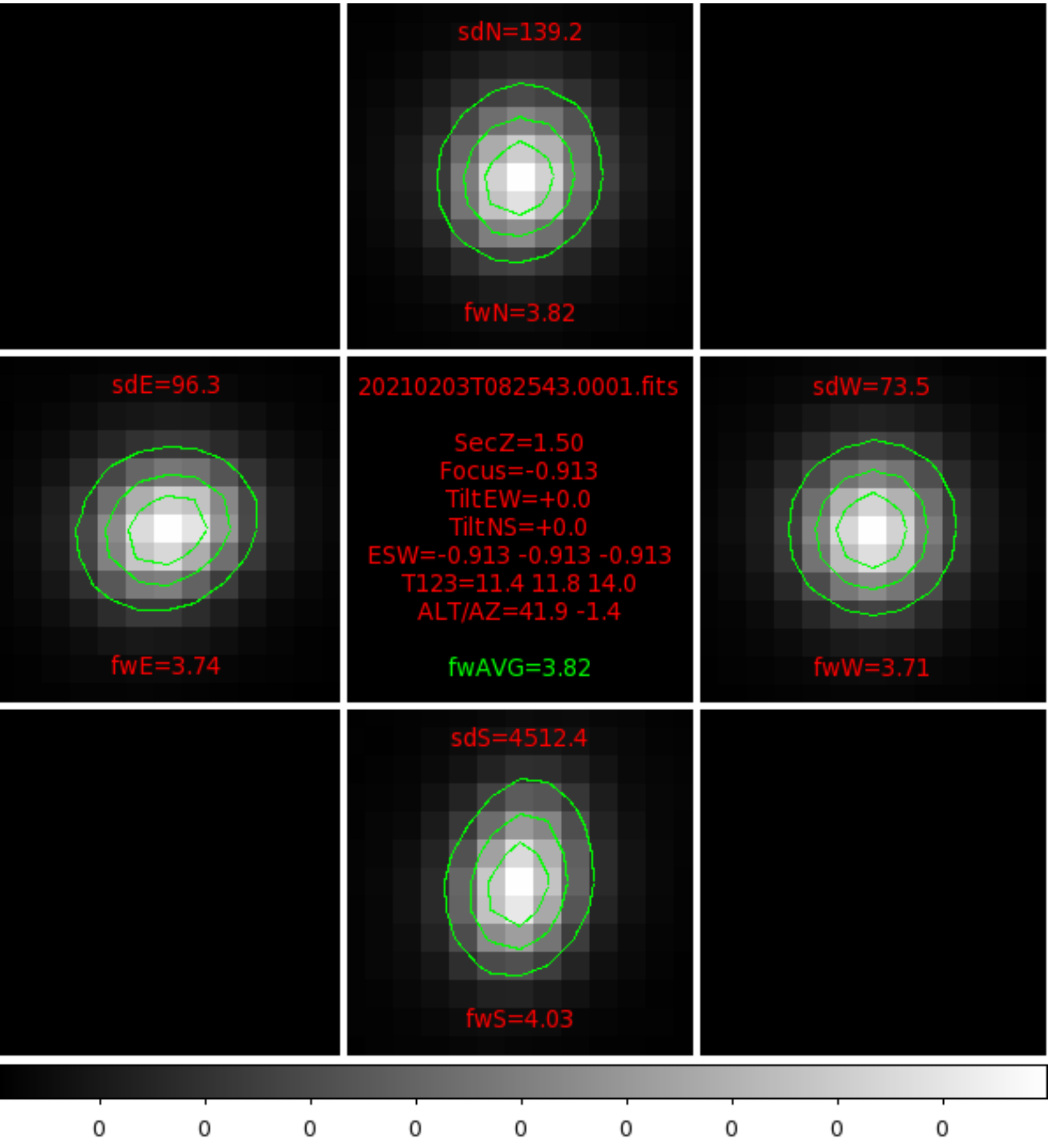
sdN=139.2
fwN=3.82
sdE=96.3
fwE=3.74
20210203T082543.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -1.4
fwAVG=3.82
sdW=73.5
fwW=3.71
sdS=4512.4
fwS=4.03
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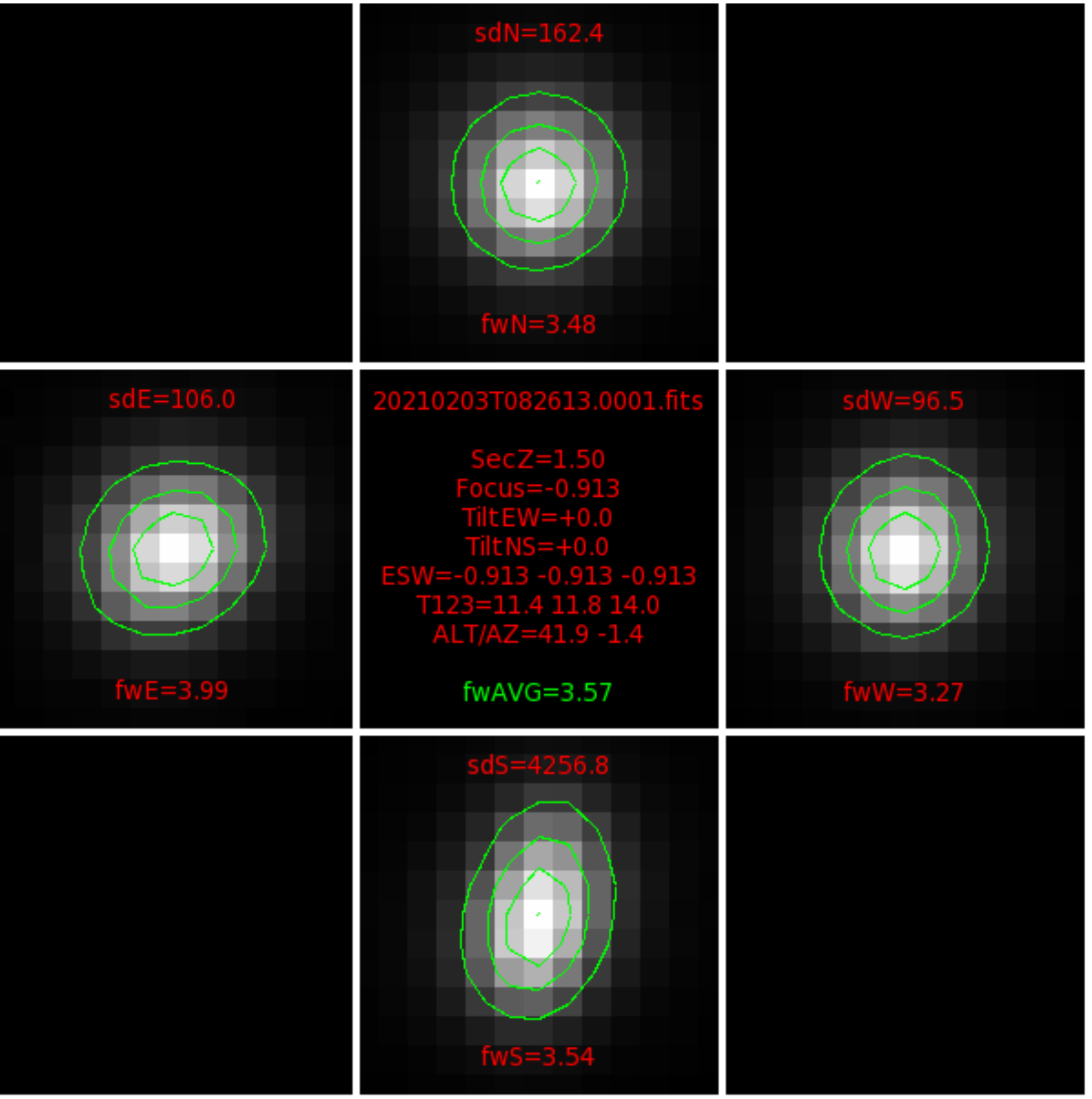
sdN=162.4
fwN=3.48
sdE=106.0
fwE=3.99
20210203T082613.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -1.4
fwAVG=3.57
sdW=96.5
fwW=3.27
sdS=4256.8
fwS=3.54
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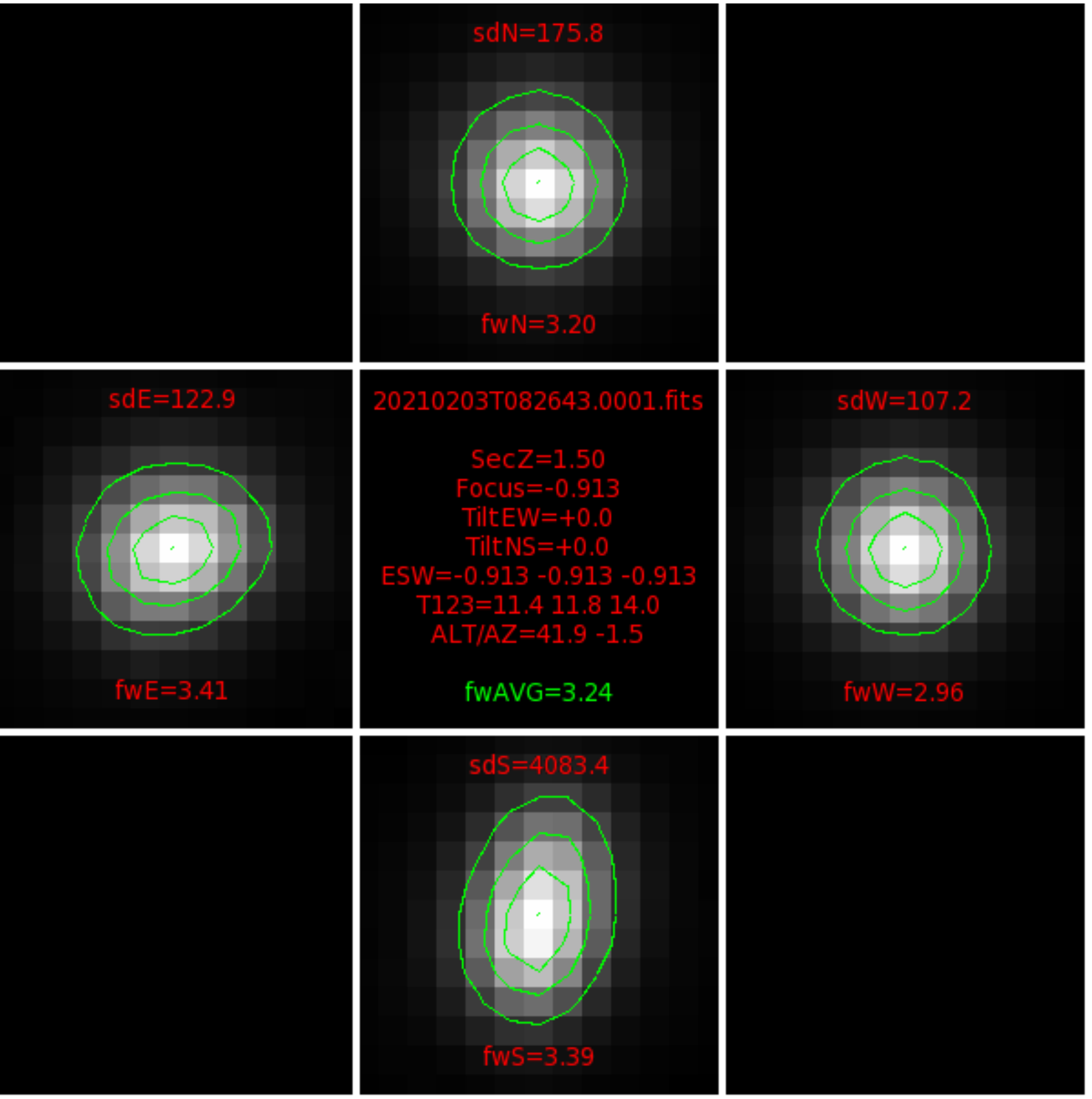
sdN=175.8
fwN=3.20
sdE=122.9
fwE=3.41
20210203T082643.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -1.5
fwAVG=3.24
sdW=107.2
fwW=2.96
sdS=4083.4
fwS=3.39
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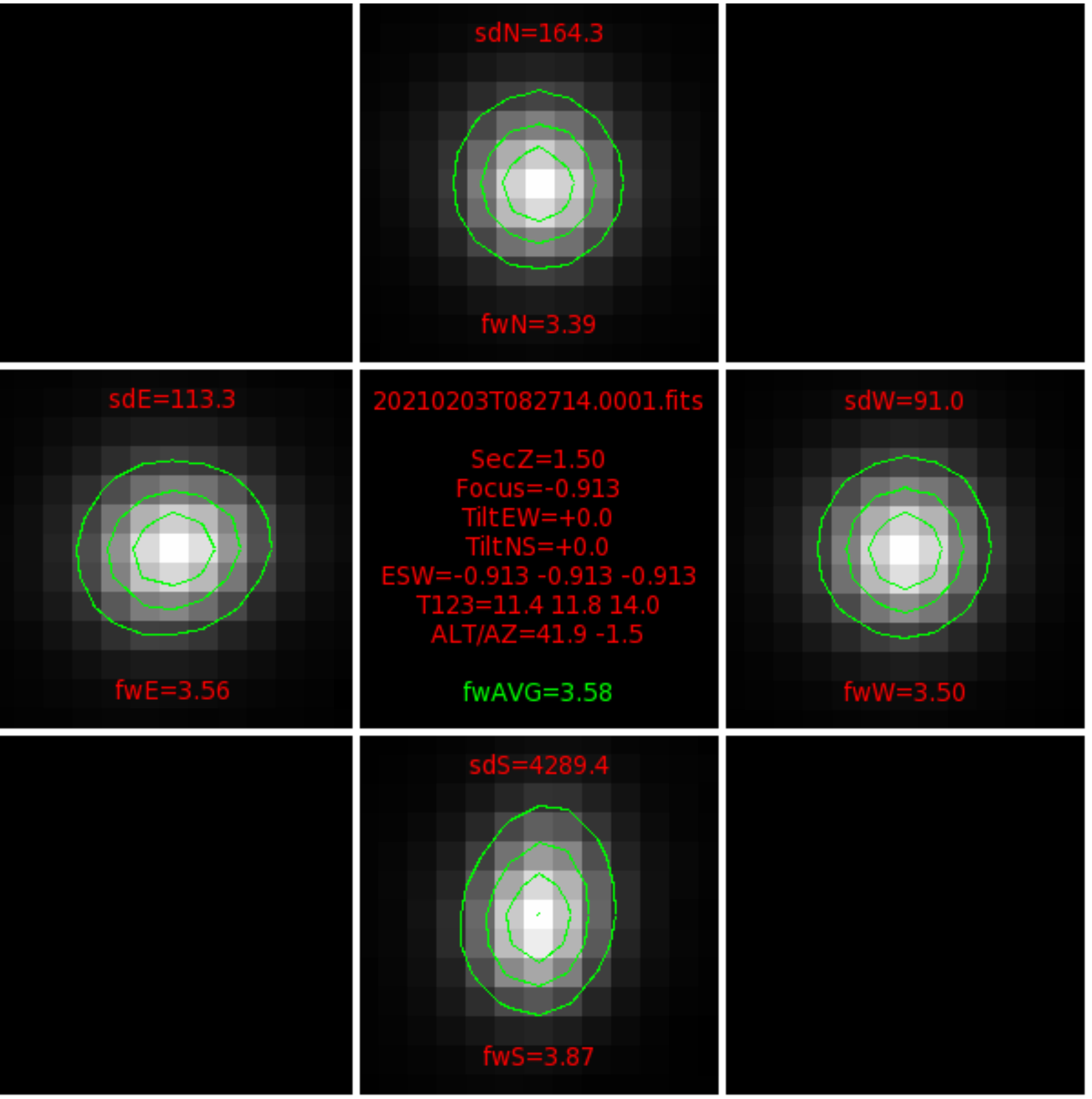
sdN=164.3
fwN=3.39
sdE=113.3
fwE=3.56
20210203T082714.0001.fits
SecZ=1.50
Focus=-0.913
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.913 -0.913 -0.913
T123=11.4 11.8 14.0
ALT/AZ=41.9 -1.5
fwAVG=3.58
sdW=91.0
fwW=3.50
sdS=4289.4
fwS=3.87
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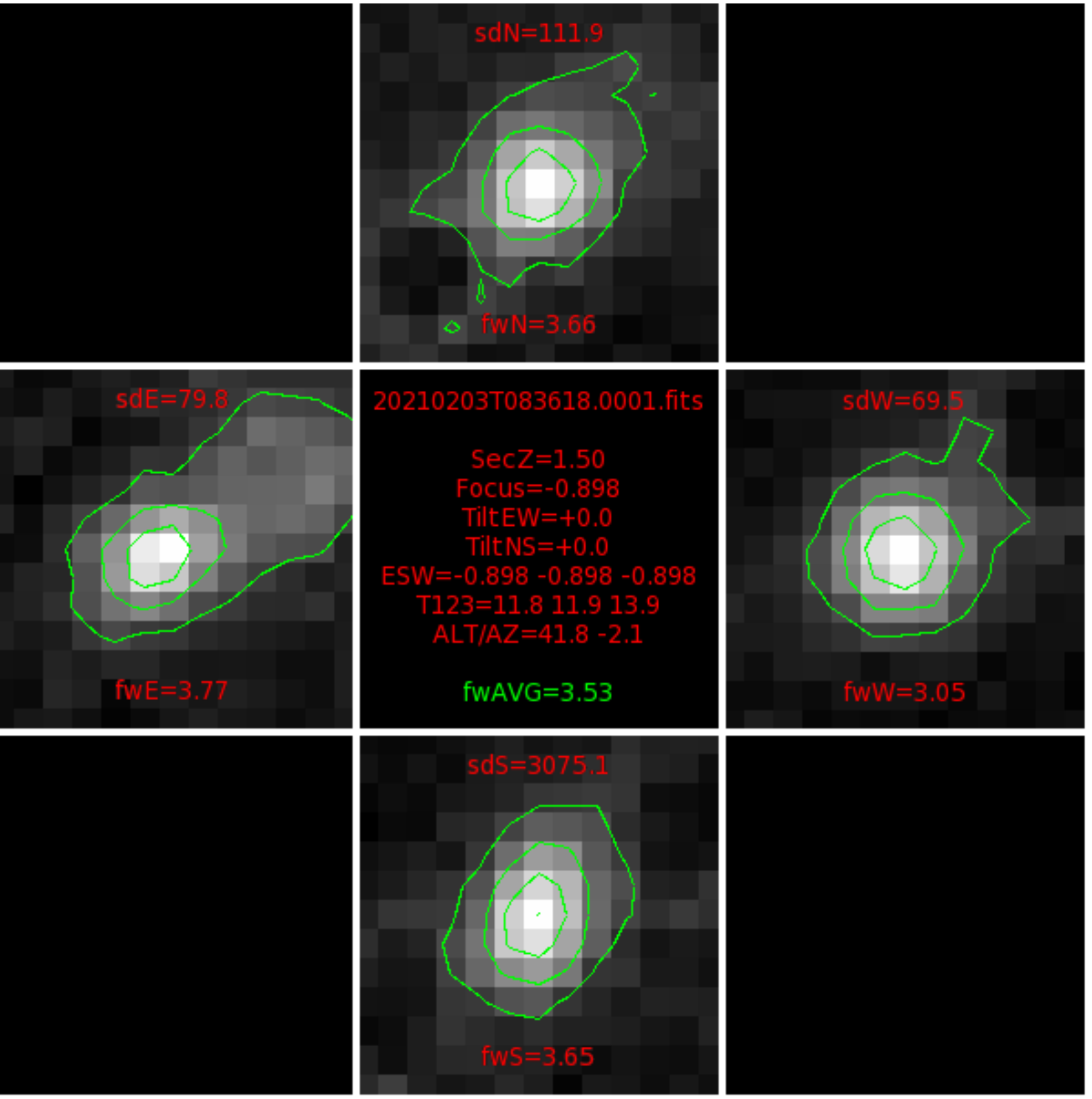
sdN=111.9
fwN=3.66
sdE=79.8
fwE=3.77
20210203T083618.0001.fits
SecZ=1.50
Focus=-0.898
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.898 -0.898 -0.898
T123=11.8 11.9 13.9
ALT/AZ=41.8 -2.1
fwAVG=3.53
sdW=69.5
fwW=3.05
sdS=3075.1
fwS=3.65
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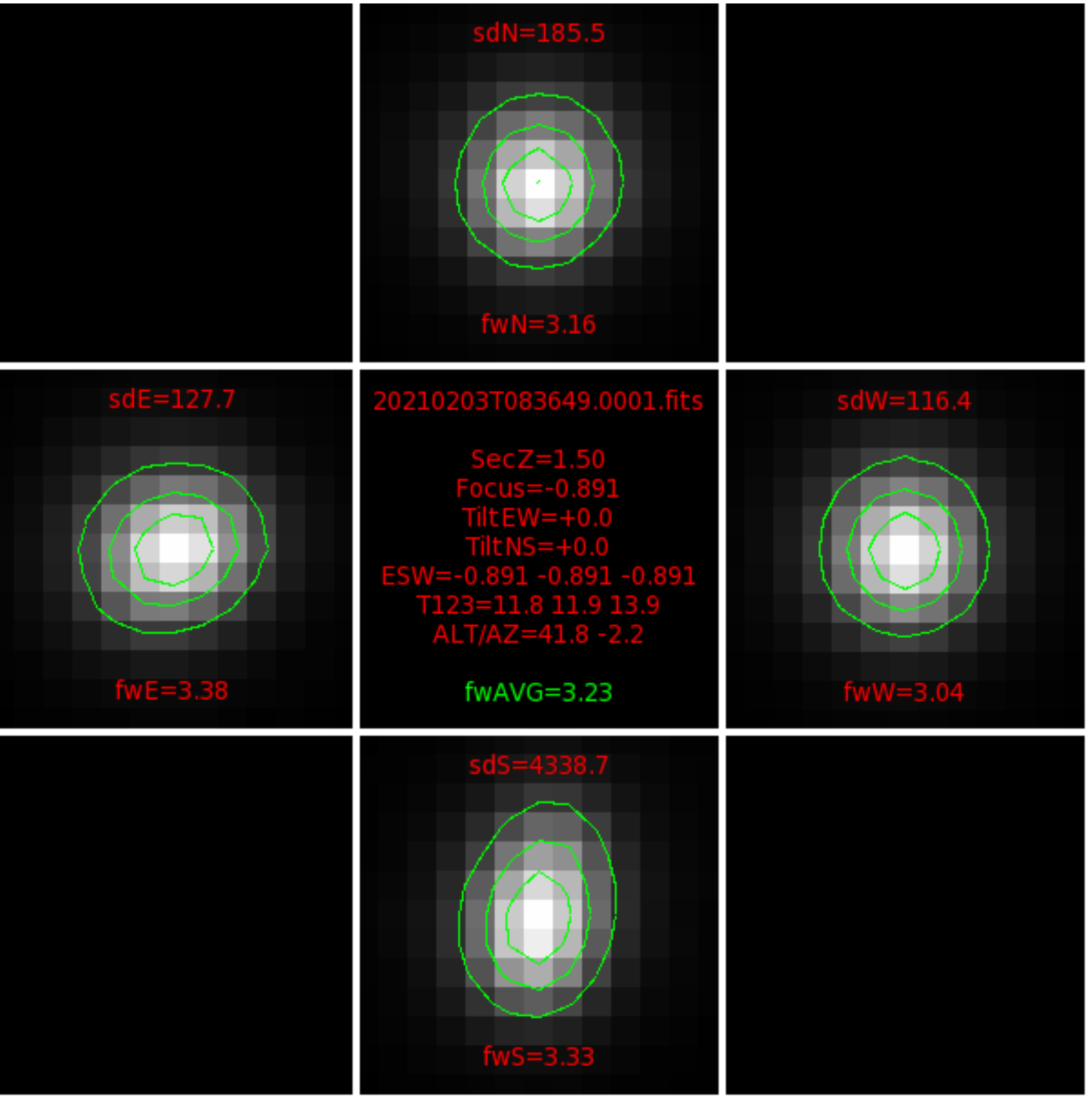
sdN=185.5
fwN=3.16
sdE=127.7
fwE=3.38
20210203T083649.0001.fits
SecZ=1.50
Focus=-0.891
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.891 -0.891 -0.891
T123=11.8 11.9 13.9
ALT/AZ=41.8 -2.2
fwAVG=3.23
sdW=116.4
fwW=3.04
sdS=4338.7
fwS=3.33
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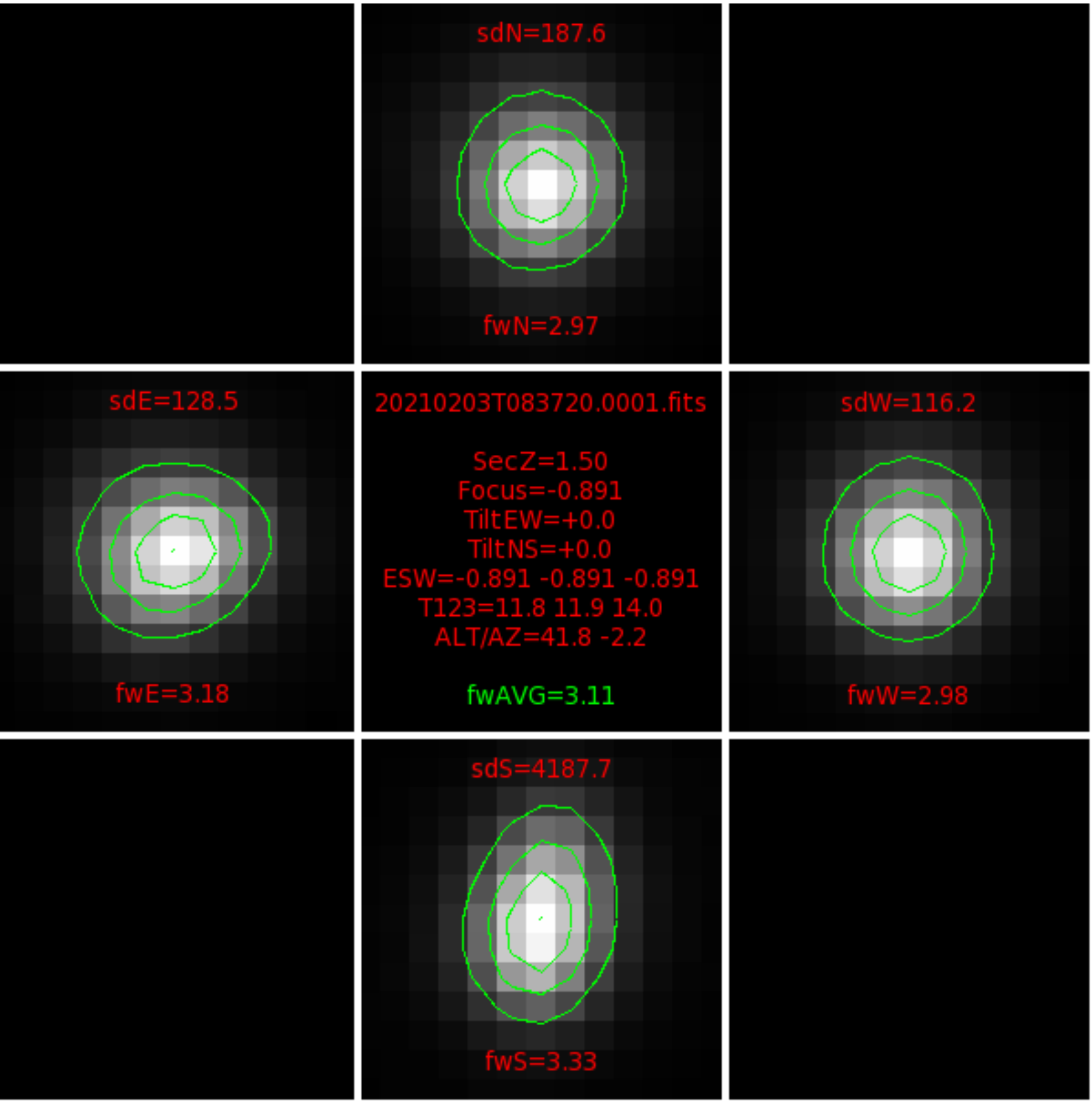
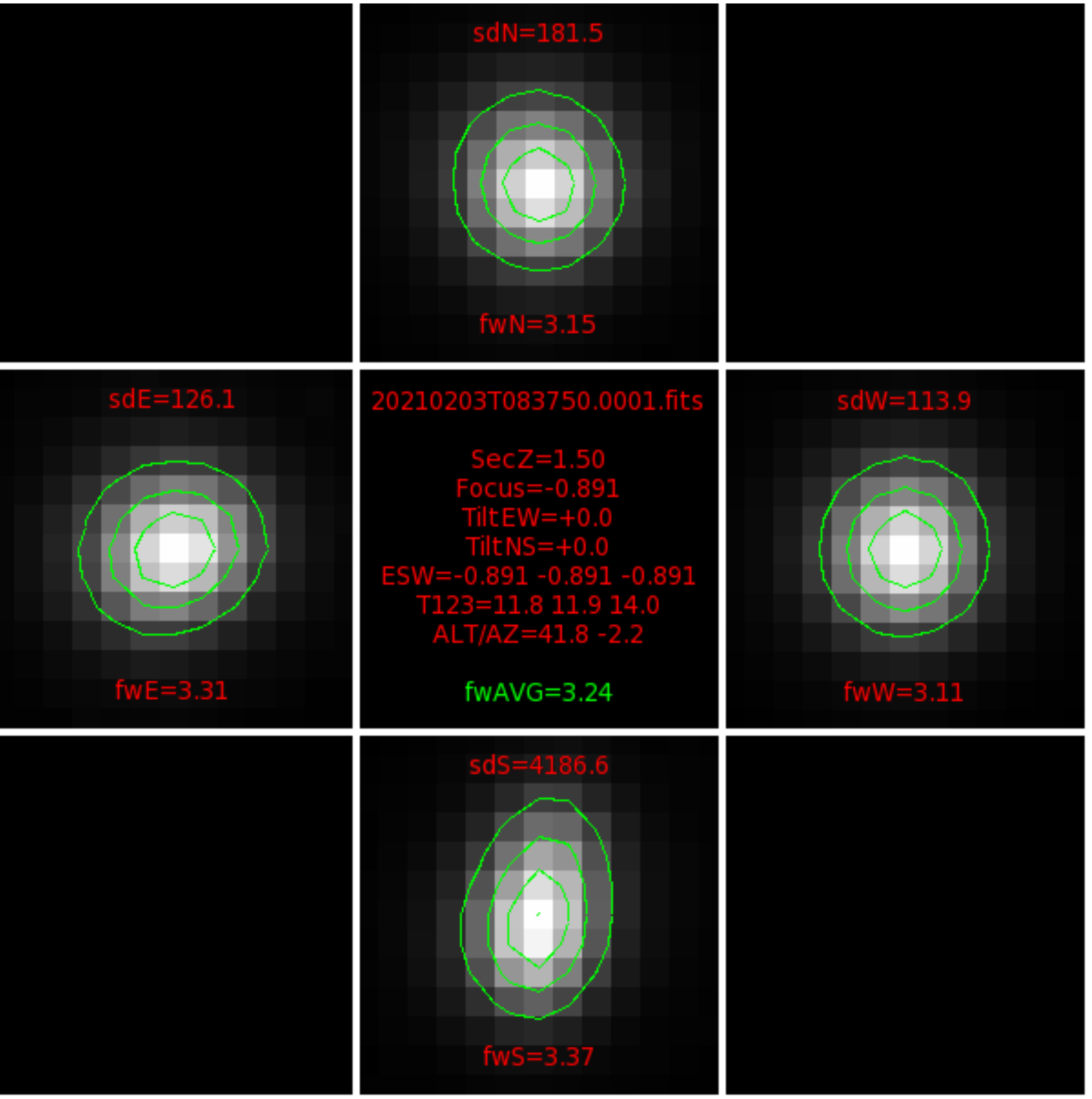

sdN=187.6
fwN=2.97
sdE=128.5
fwE=3.18
20210203T083720.0001.fits
SecZ=1.50
Focus=-0.891
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.891 -0.891 -0.891
T123=11.8 11.9 14.0
ALT/AZ=41.8 -2.2
fwAVG=3.11
sdW=116.2
fwW=2.98
sdS=4187.7
fwS=3.33
0 0 0 0 0 0 0 0 0


sdN=181.5
fwN=3.15
sdE=126.1
fwE=3.31
20210203T083750.0001.fits
SecZ=1.50
Focus=-0.891
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.891 -0.891 -0.891
T123=11.8 11.9 14.0
ALT/AZ=41.8 -2.2
fwAVG=3.24
sdW=113.9
fwW=3.11
sdS=4186.6
fwS=3.37
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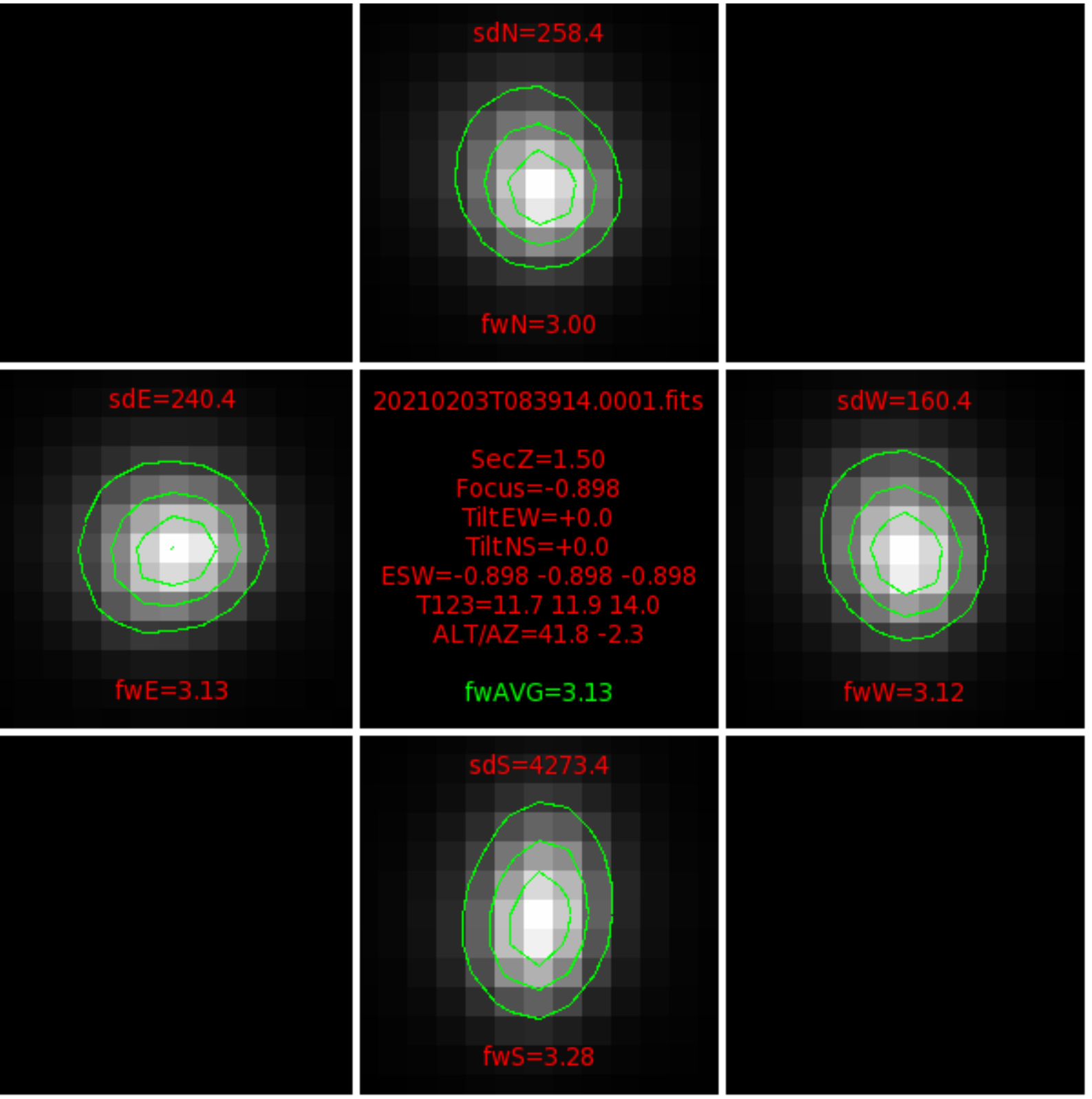
sdN=258.4
fwN=3.00
sdE=240.4
fwE=3.13
20210203T083914.0001.fits
SecZ=1.50
Focus=-0.898
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.898 -0.898 -0.898
T123=11.7 11.9 14.0
ALT/AZ=41.8 -2.3
fwAVG=3.13
sdW=160.4
fwW=3.12
sdS=4273.4
fwS=3.28
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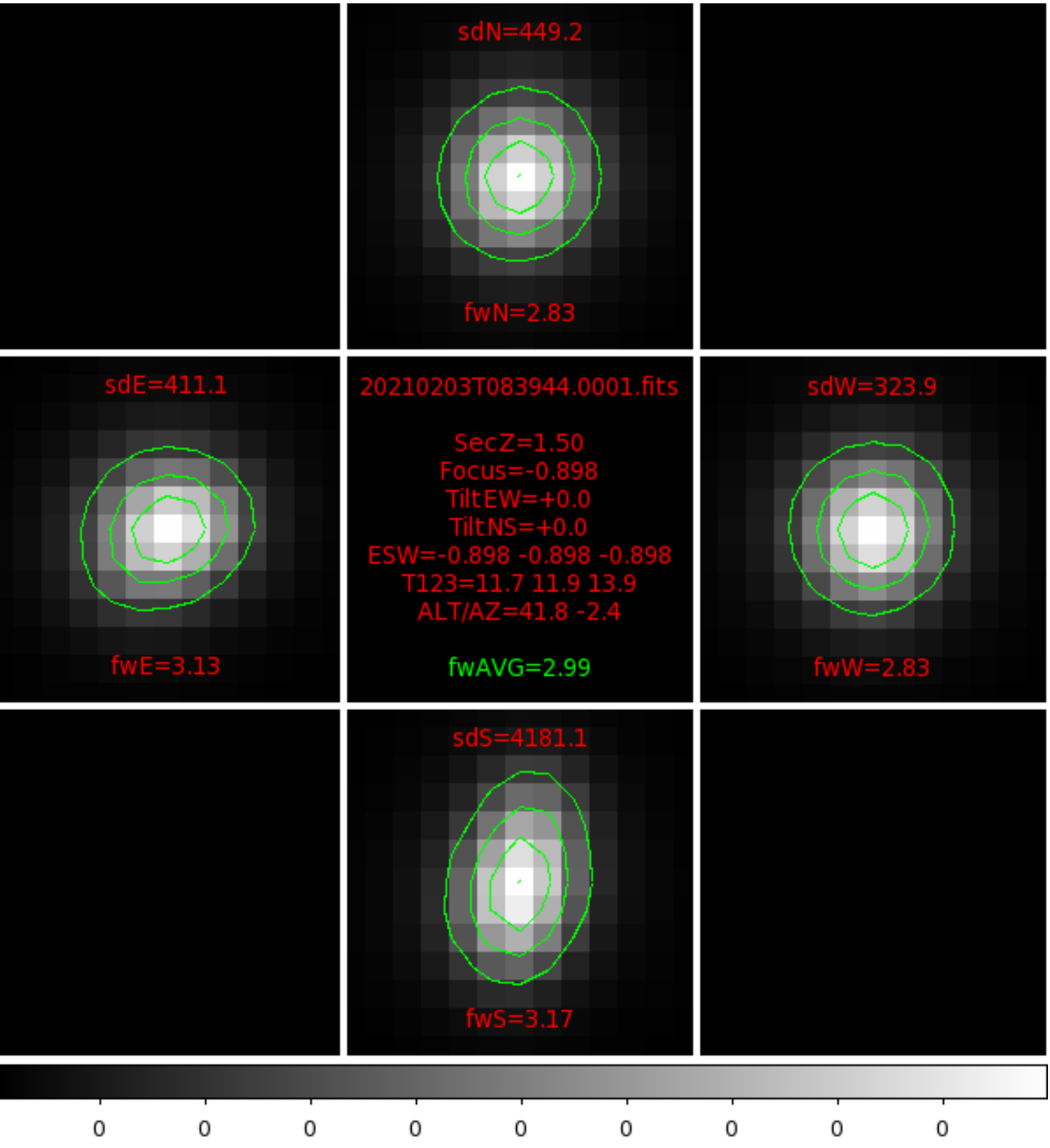
sdN=449.2
fwN=2.83
sdE=411.1
fwE=3.13
20210203T083944.0001.fits
SecZ=1.50
Focus=-0.898
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.898 -0.898 -0.898
T123=11.7 11.9 13.9
ALT/AZ=41.8 -2.4
fwAVG=2.99
sdW=323.9
fwW=2.83
sdS=4181.1
fwS=3.17
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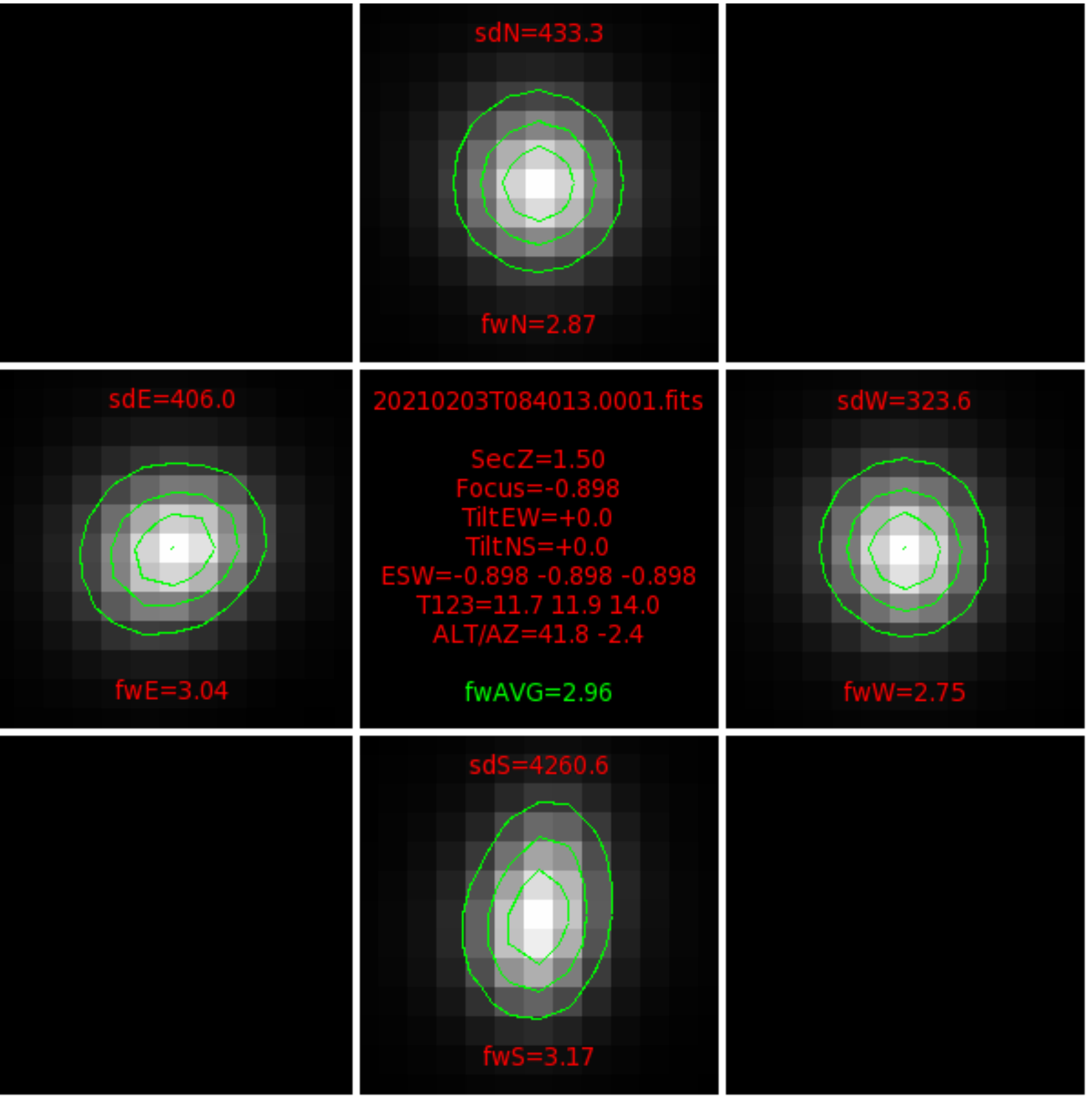
sdN=433.3
fwN=2.87
sdE=406.0
fwE=3.04
20210203T084013.0001.fits
SecZ=1.50
Focus=-0.898
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.898 -0.898 -0.898
T123=11.7 11.9 14.0
ALT/AZ=41.8 -2.4
fwAVG=2.96
sdW=323.6
fwW=2.75
sdS=4260.6
fwS=3.17
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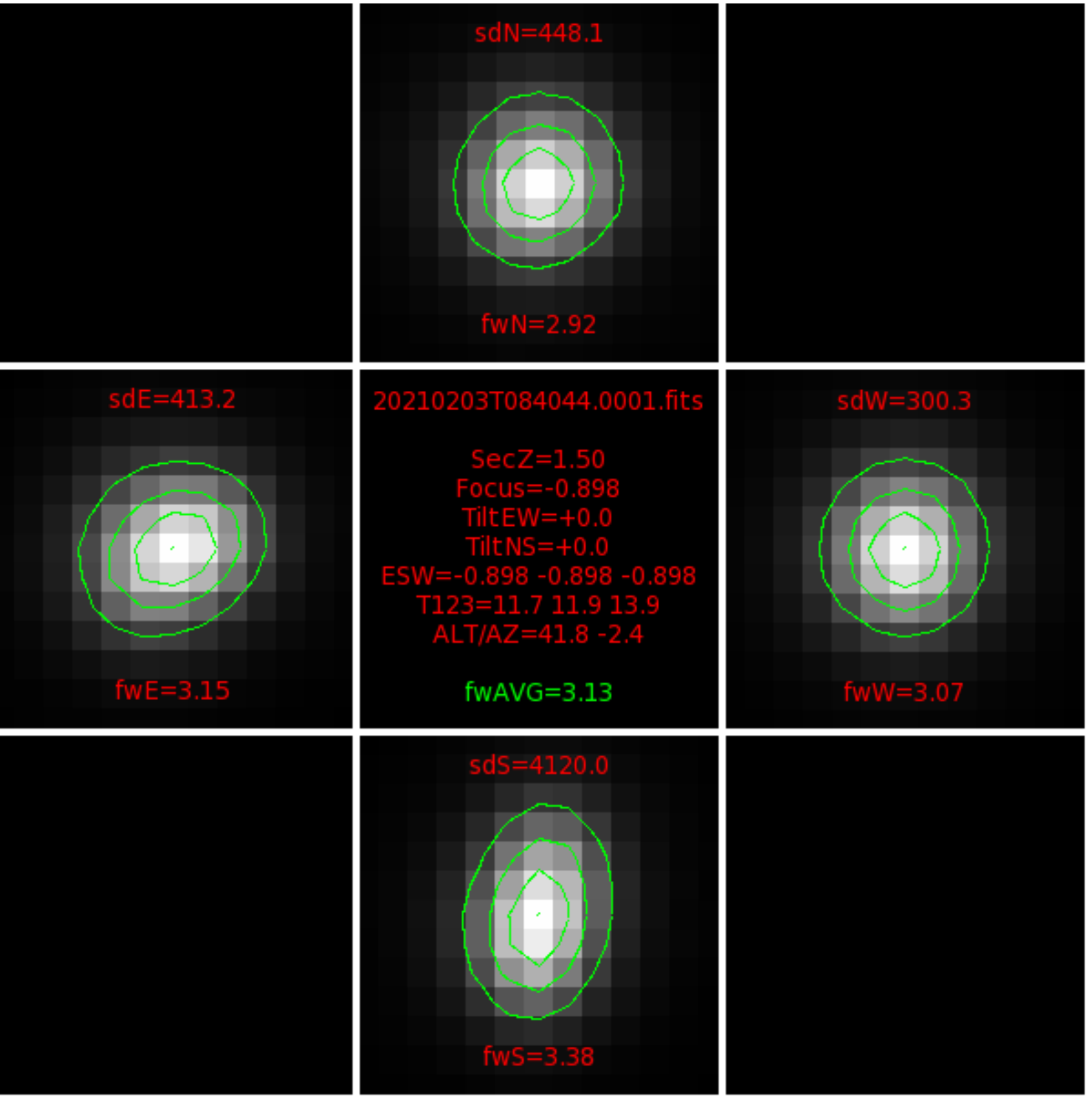
sdN=448.1
fwN=2.92
sdE=413.2
fwE=3.15
20210203T084044.0001.fits
SecZ=1.50
Focus=-0.898
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.898 -0.898 -0.898
T123=11.7 11.9 13.9
ALT/AZ=41.8 -2.4
fwAVG=3.13
sdW=300.3
fwW=3.07
sdS=4120.0
fwS=3.38
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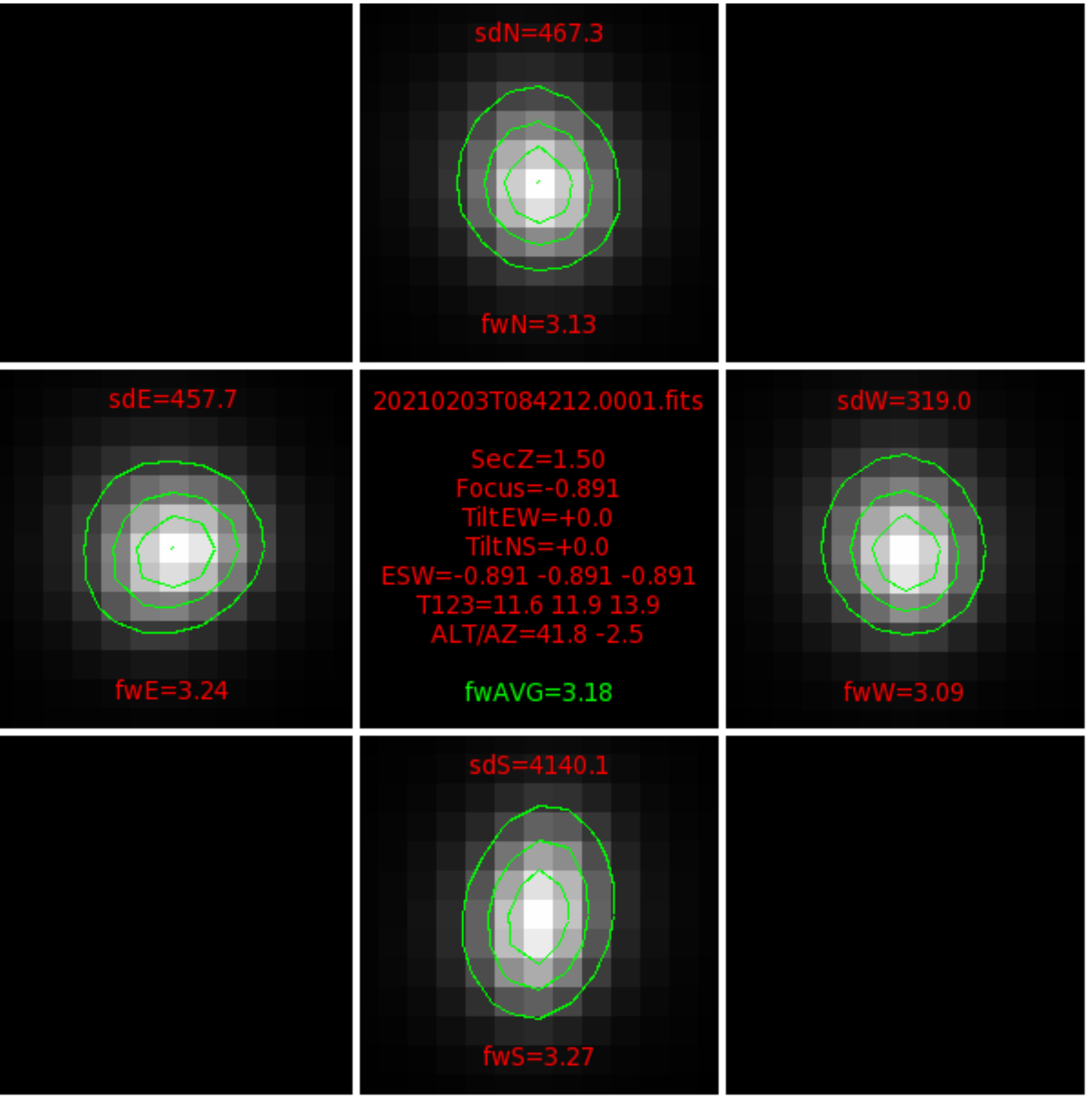
sdN=467.3
fwN=3.13
sdE=457.7
fwE=3.24
20210203T084212.0001.fits
SecZ=1.50
Focus=-0.891
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.891 -0.891 -0.891
T123=11.6 11.9 13.9
ALT/AZ=41.8 -2.5
fwAVG=3.18
sdW=319.0
fwW=3.09
sdS=4140.1
fwS=3.27
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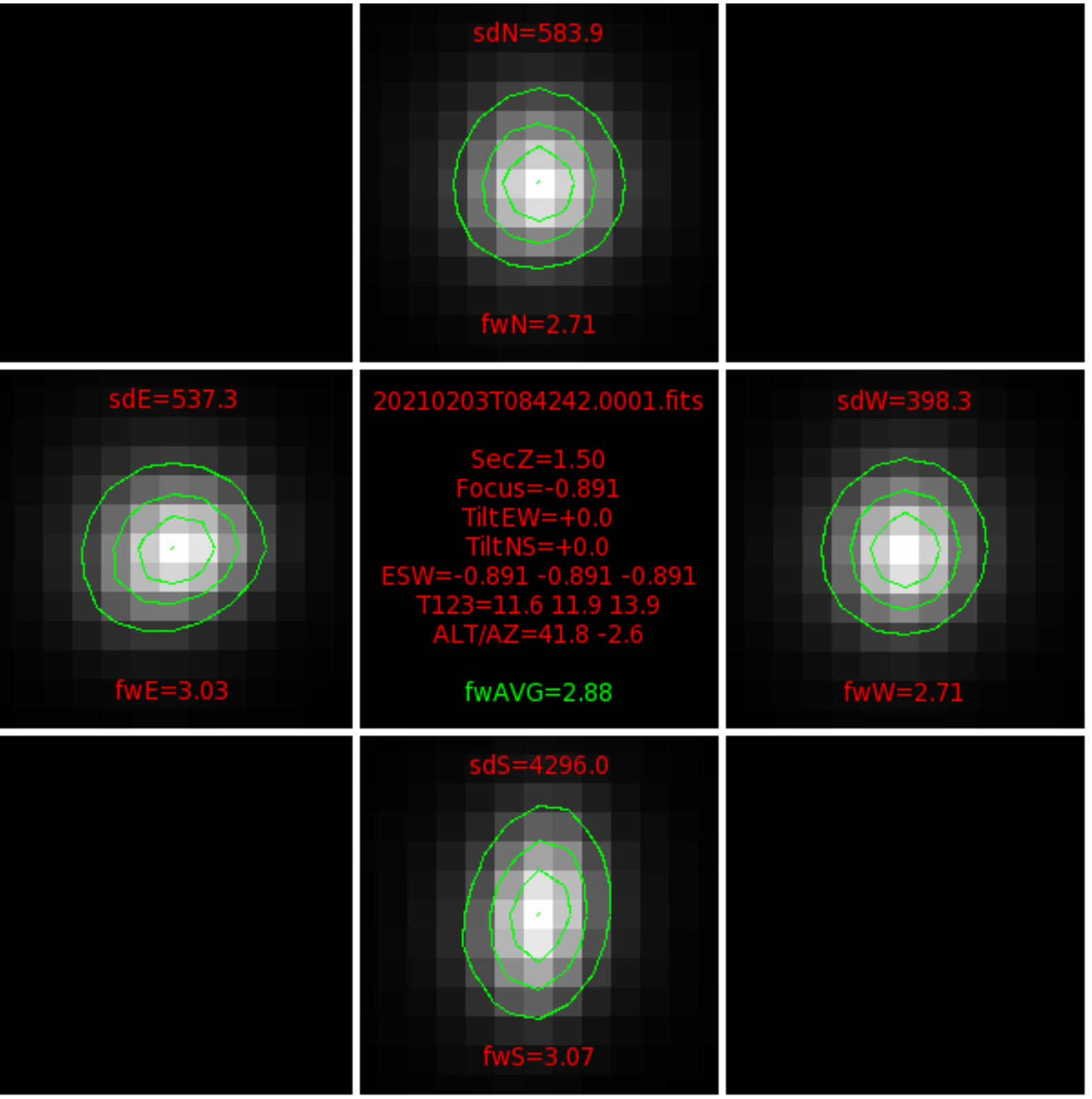
sdN=583.9
fwN=2.71
sdE=537.3
fwE=3.03
20210203T084242.0001.fits
SecZ=1.50
Focus=-0.891
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.891 -0.891 -0.891
T123=11.6 11.9 13.9
ALT/AZ=41.8 -2.6
fwAVG=2.88
sdW=398.3
fwW=2.71
sdS=4296.0
fwS=3.07
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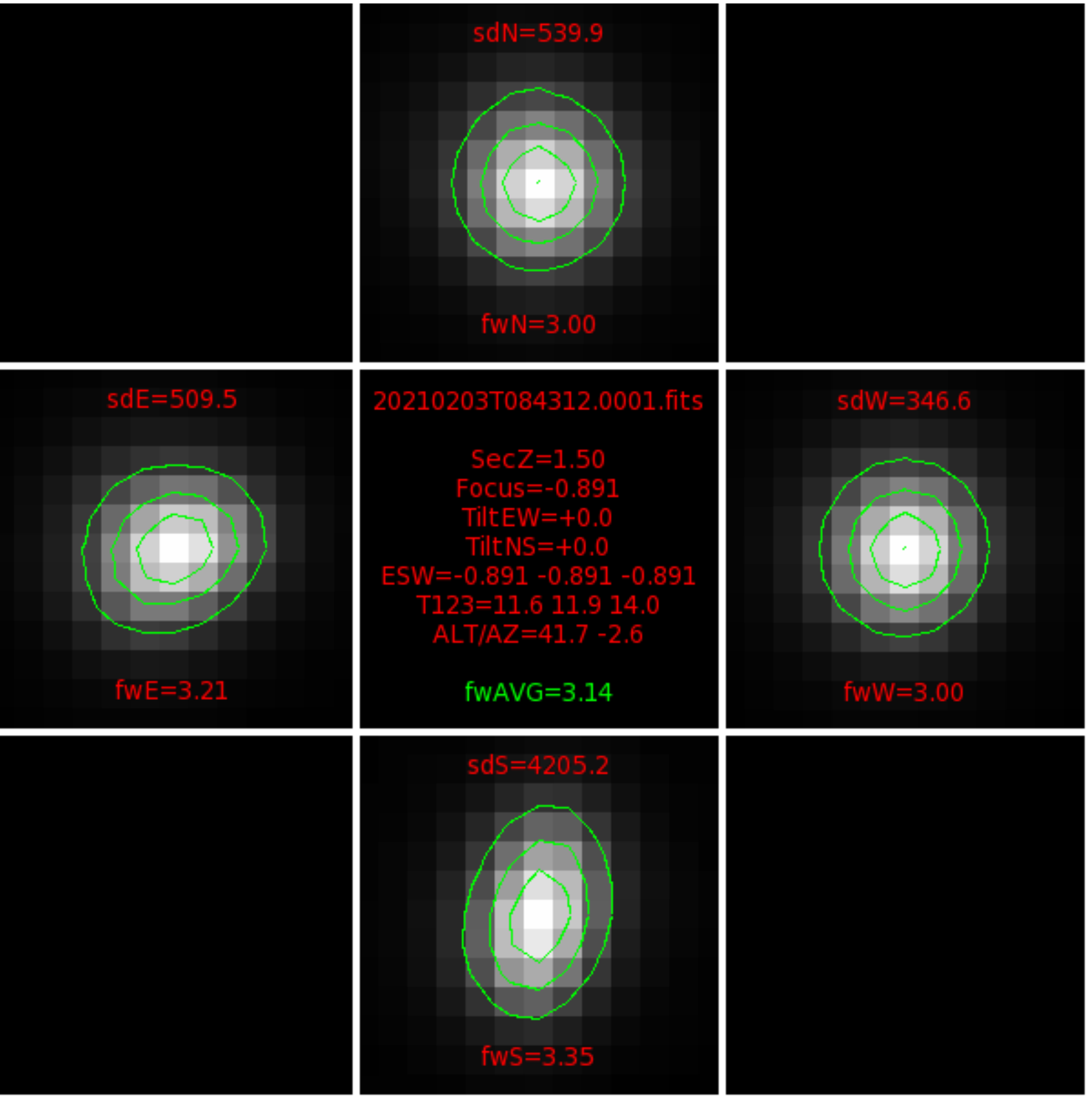
sdN=539.9
fwN=3.00
sdE=509.5
fwE=3.21
20210203T084312.0001.fits
SecZ=1.50
Focus=-0.891
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.891 -0.891 -0.891
T123=11.6 11.9 14.0
ALT/AZ=41.7 -2.6
fwAVG=3.14
sdW=346.6
fwW=3.00
sdS=4205.2
fwS=3.35
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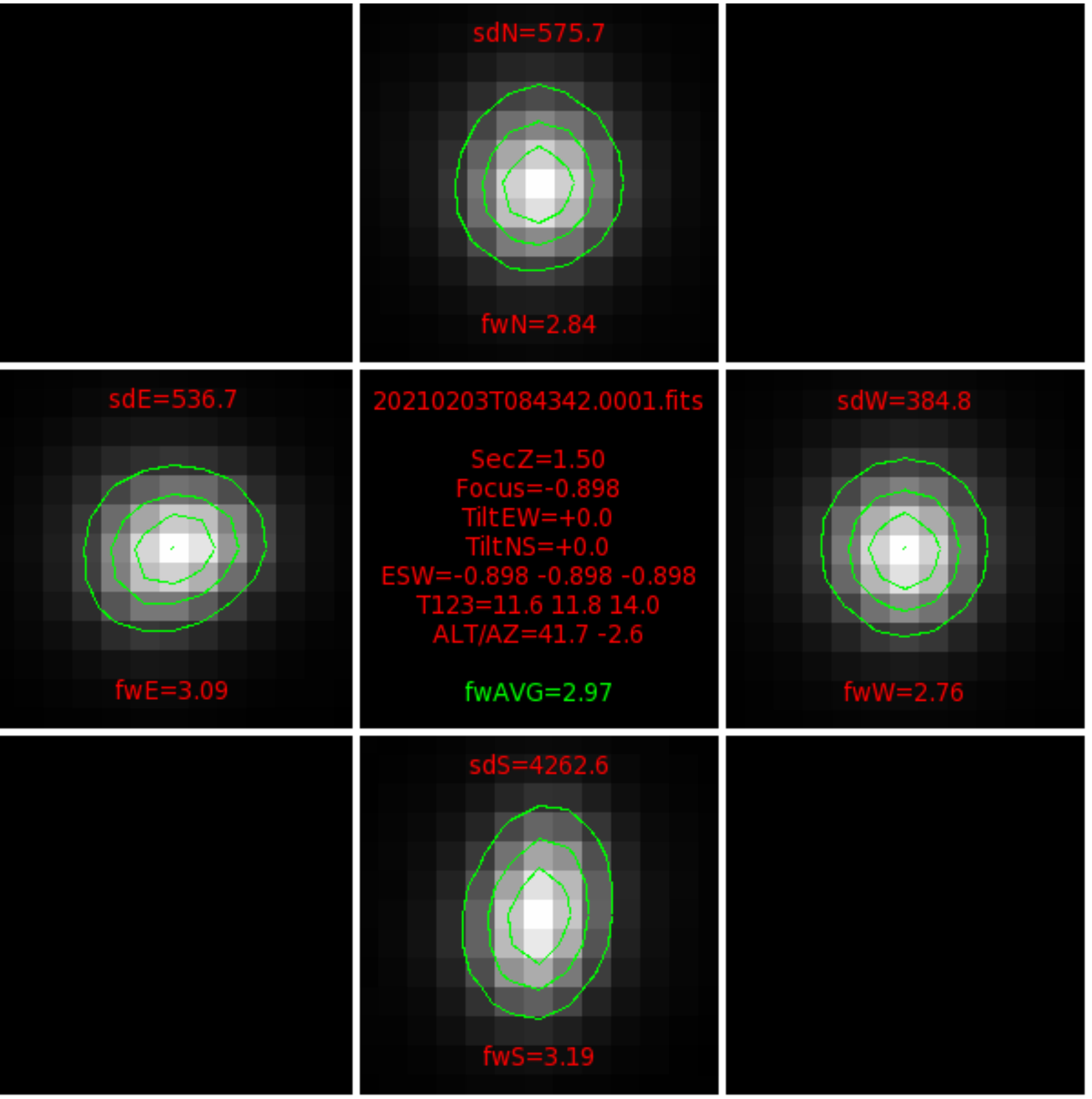
sdN=575.7
fwN=2.84
sdE=536.7
fwE=3.09
20210203T084342.0001.fits
SecZ=1.50
Focus=-0.898
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.898 -0.898 -0.898
T123=11.6 11.8 14.0
ALT/AZ=41.7 -2.6
fwAVG=2.97
sdW=384.8
fwW=2.76
sdS=4262.6
fwS=3.19
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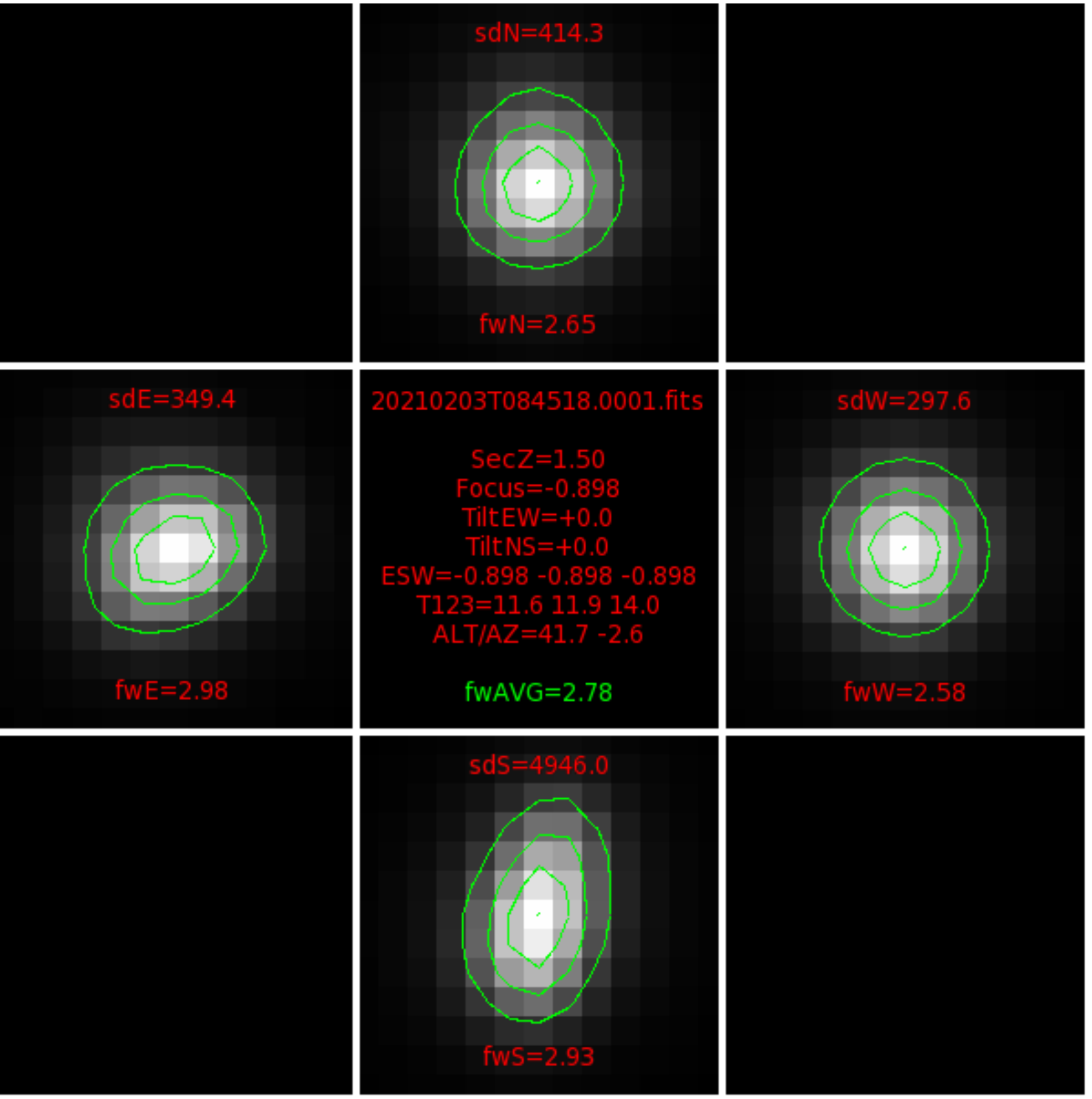
sdN=414.3
fwN=2.65
sdE=349.4
fwE=2.98
20210203T084518.0001.fits
SecZ=1.50
Focus=-0.898
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.898 -0.898 -0.898
T123=11.6 11.9 14.0
ALT/AZ=41.7 -2.6
fwAVG=2.78
sdW=297.6
fwW=2.58
sdS=4946.0
fwS=2.93
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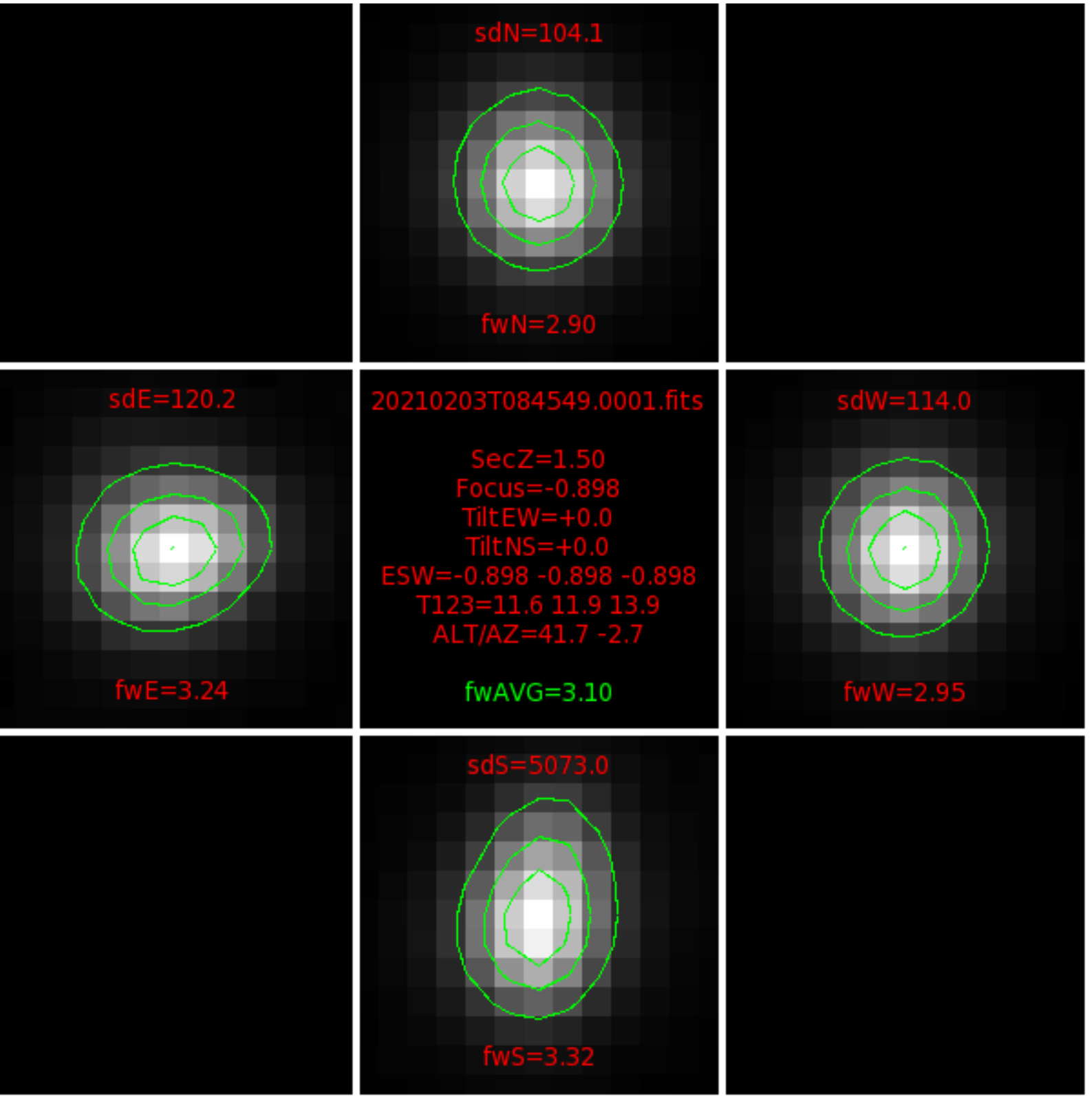
sdN=104.1
fwN=2.90
sdE=120.2
fwE=3.24
20210203T084549.0001.fits
SecZ=1.50
Focus=-0.898
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.898 -0.898 -0.898
T123=11.6 11.9 13.9
ALT/AZ=41.7 -2.7
fwAVG=3.10
sdW=114.0
fwW=2.95
sdS=5073.0
fwS=3.32
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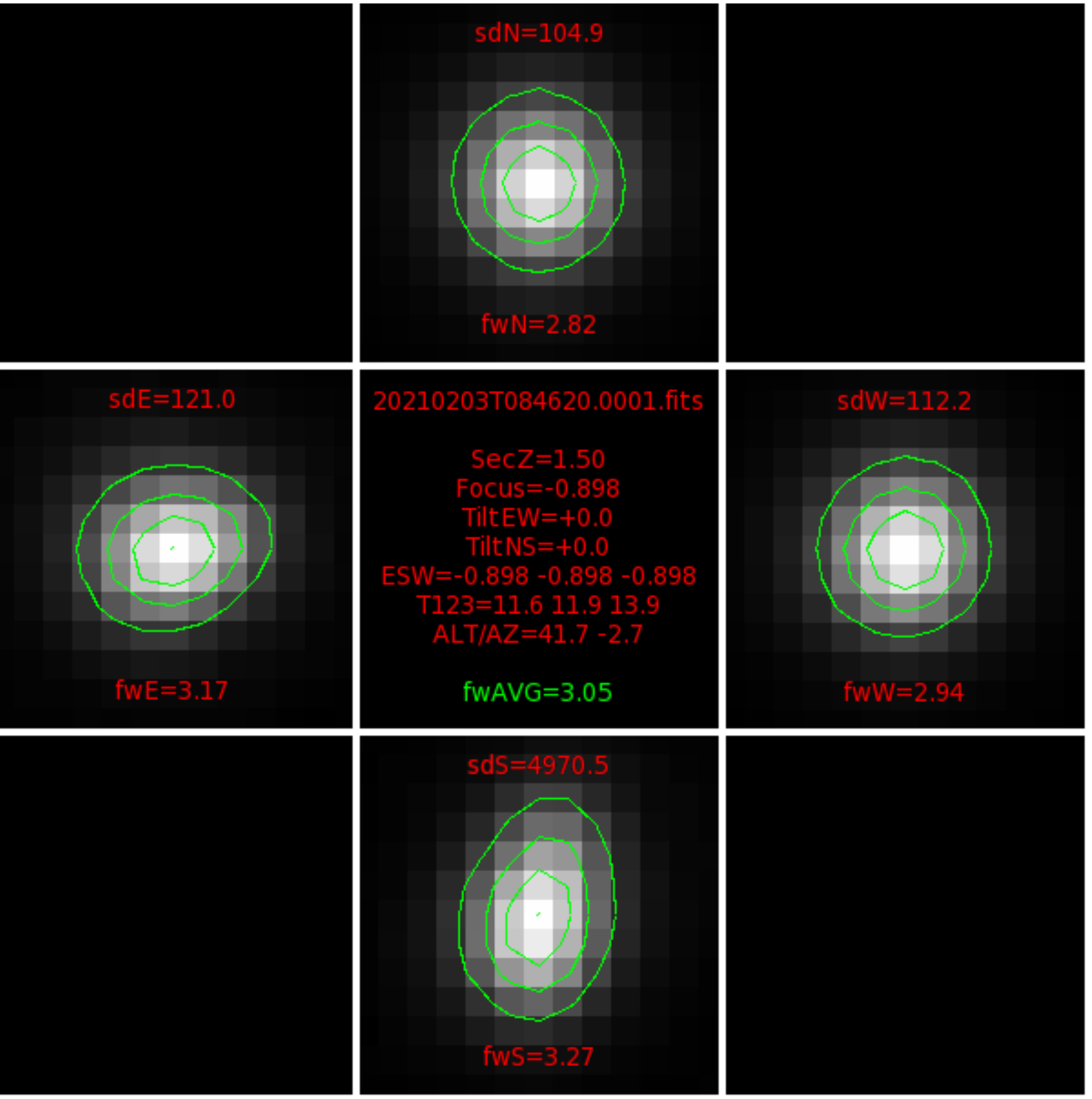
sdN=104.9
fwN=2.82
sdE=121.0
fwE=3.17
20210203T084620.0001.fits
SecZ=1.50
Focus=-0.898
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.898 -0.898 -0.898
T123=11.6 11.9 13.9
ALT/AZ=41.7 -2.7
fwAVG=3.05
sdW=112.2
fwW=2.94
sdS=4970.5
fwS=3.27
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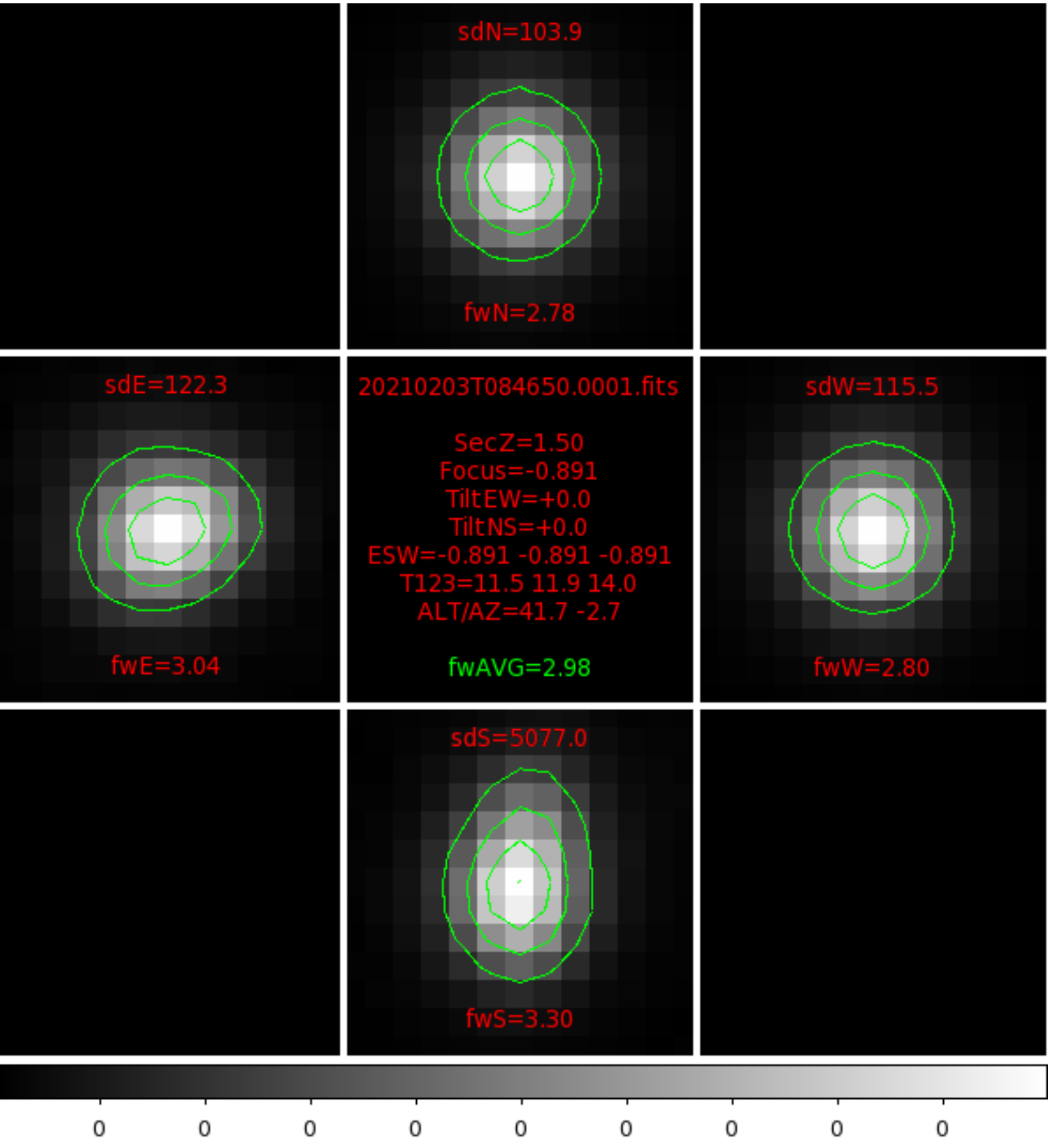
sdN=103.9
fwN=2.78
sdE=122.3
fwE=3.04
20210203T084650.0001.fits
SecZ=1.50
Focus=-0.891
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.891 -0.891 -0.891
T123=11.5 11.9 14.0
ALT/AZ=41.7 -2.7
fwAVG=2.98
sdW=115.5
fwW=2.80
sdS=5077.0
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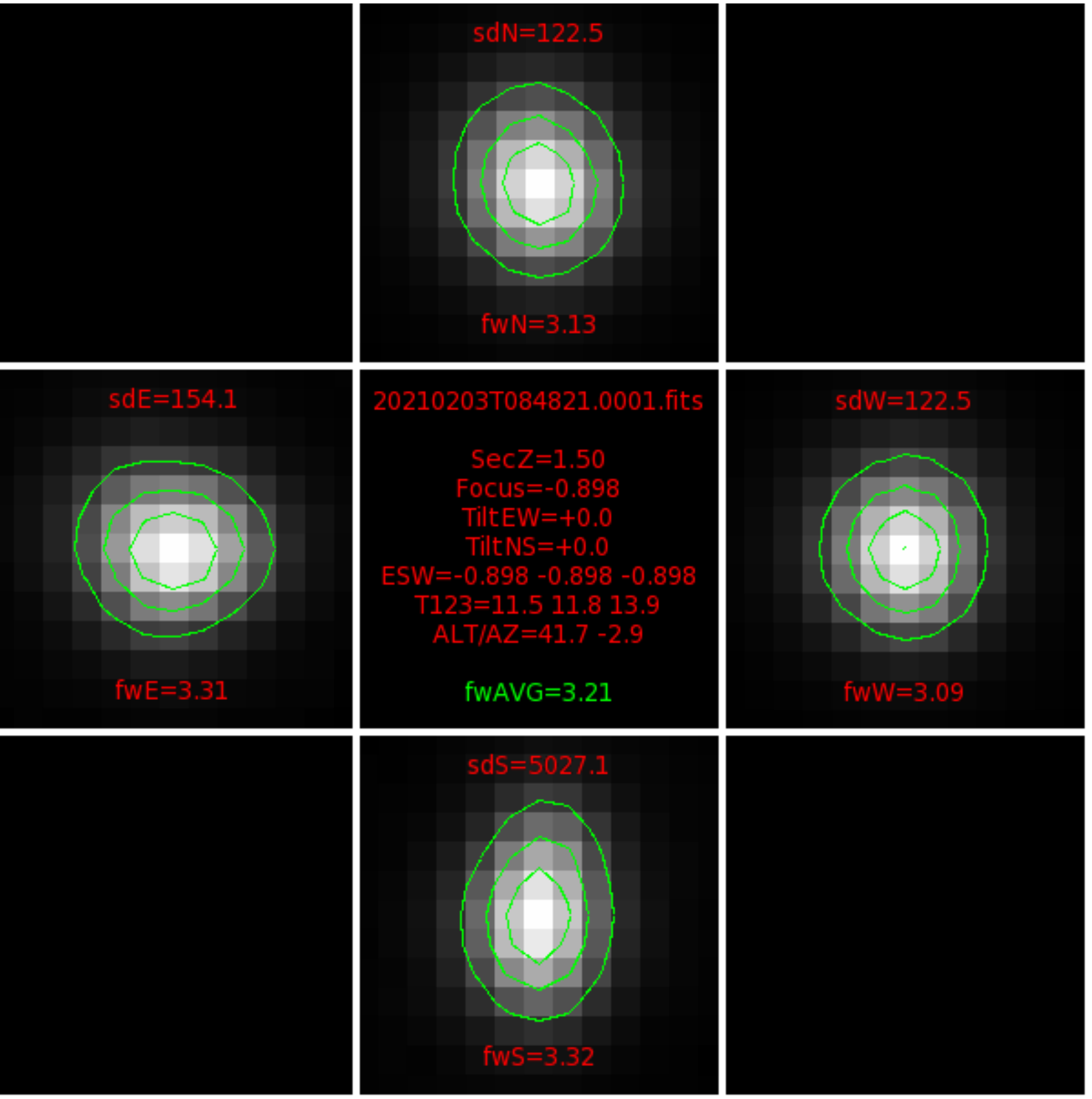
sdN=122.5
fwN=3.13
sdE=154.1
fwE=3.31
20210203T084821.0001.fits
SecZ=1.50
Focus=-0.898
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.898 -0.898 -0.898
T123=11.5 11.8 13.9
ALT/AZ=41.7 -2.9
fwAVG=3.21
sdW=122.5
fwW=3.09
sdS=5027.1
fwS=3.32
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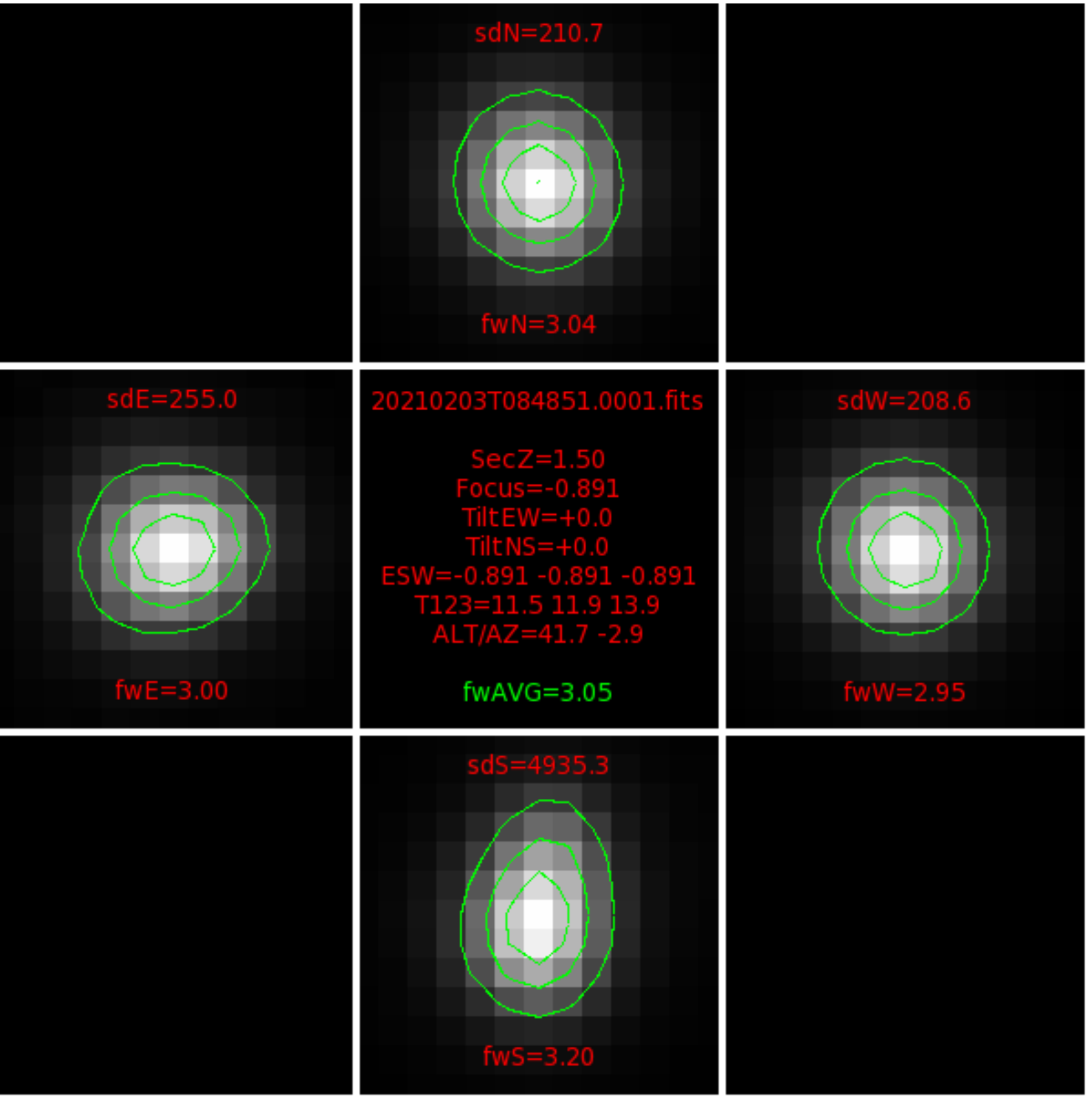
sdN=210.7
fwN=3.04
sdE=255.0
fwE=3.00
20210203T084851.0001.fits
SecZ=1.50
Focus=-0.891
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.891 -0.891 -0.891
T123=11.5 11.9 13.9
ALT/AZ=41.7 -2.9
fwAVG=3.05
sdW=208.6
fwW=2.95
sdS=4935.3
fwS=3.20
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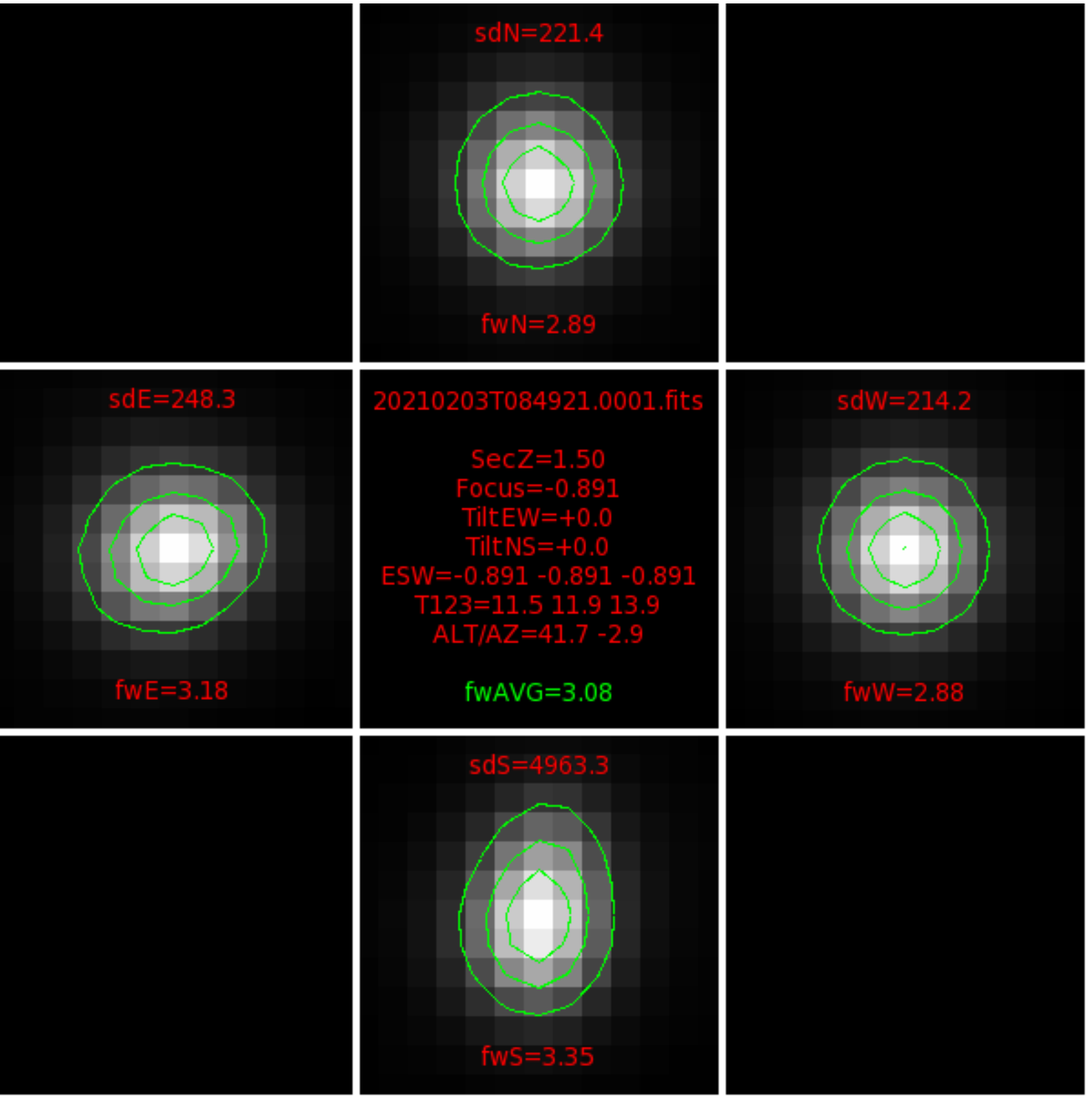
sdN=221.4
fwN=2.89
sdE=248.3
fwE=3.18
20210203T084921.0001.fits
SecZ=1.50
Focus=-0.891
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.891 -0.891 -0.891
T123=11.5 11.9 13.9
ALT/AZ=41.7 -2.9
fwAVG=3.08
sdW=214.2
fwW=2.88
sdS=4963.3
fwS=3.35
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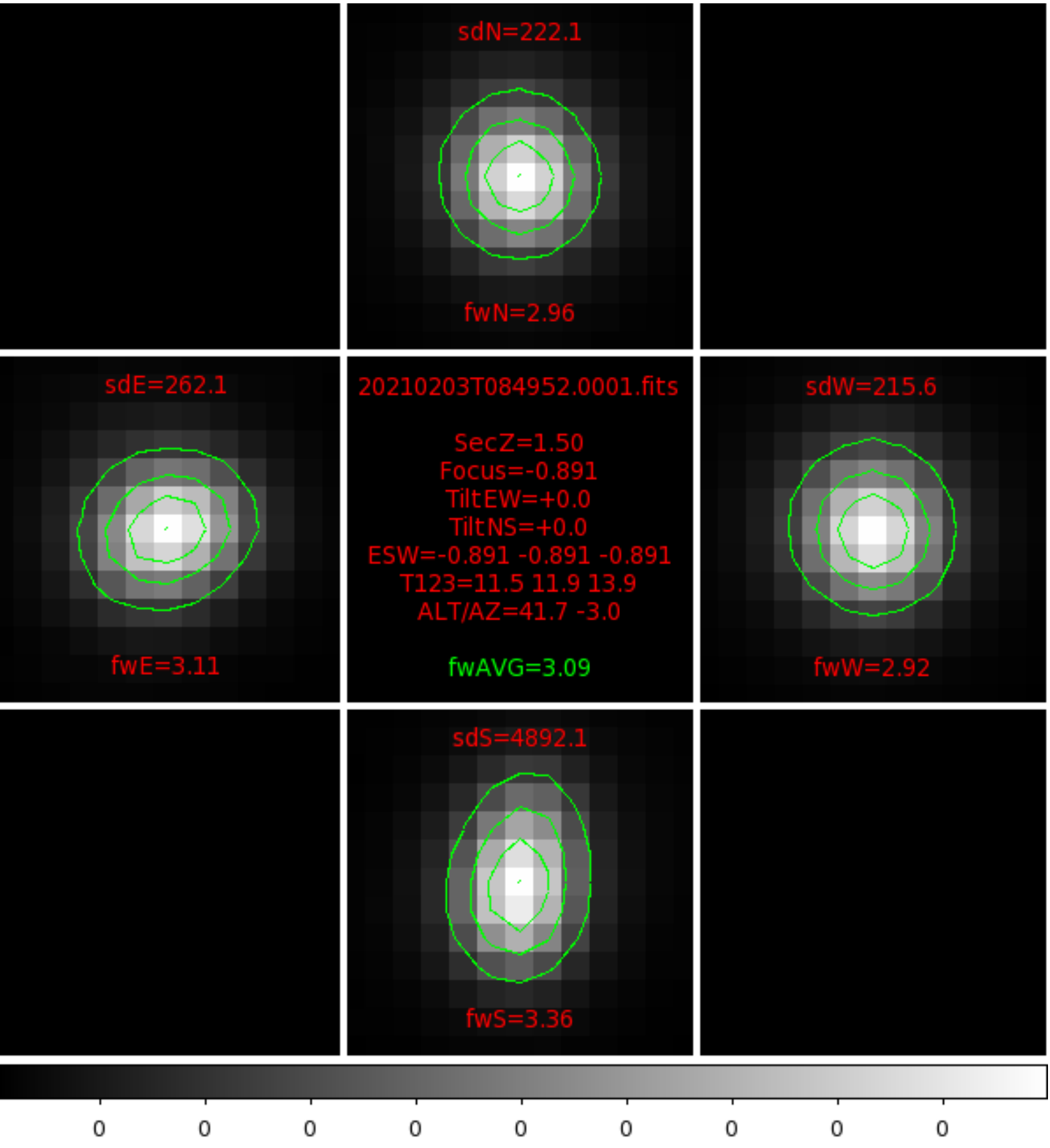
sdN=222.1
fwN=2.96
sdE=262.1
fwE=3.11
20210203T084952.0001.fits
SecZ=1.50
Focus=-0.891
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.891 -0.891 -0.891
T123=11.5 11.9 13.9
ALT/AZ=41.7 -3.0
fwAVG=3.09
sdW=215.6
fwW=2.92
sdS=4892.1
fwS=3.36
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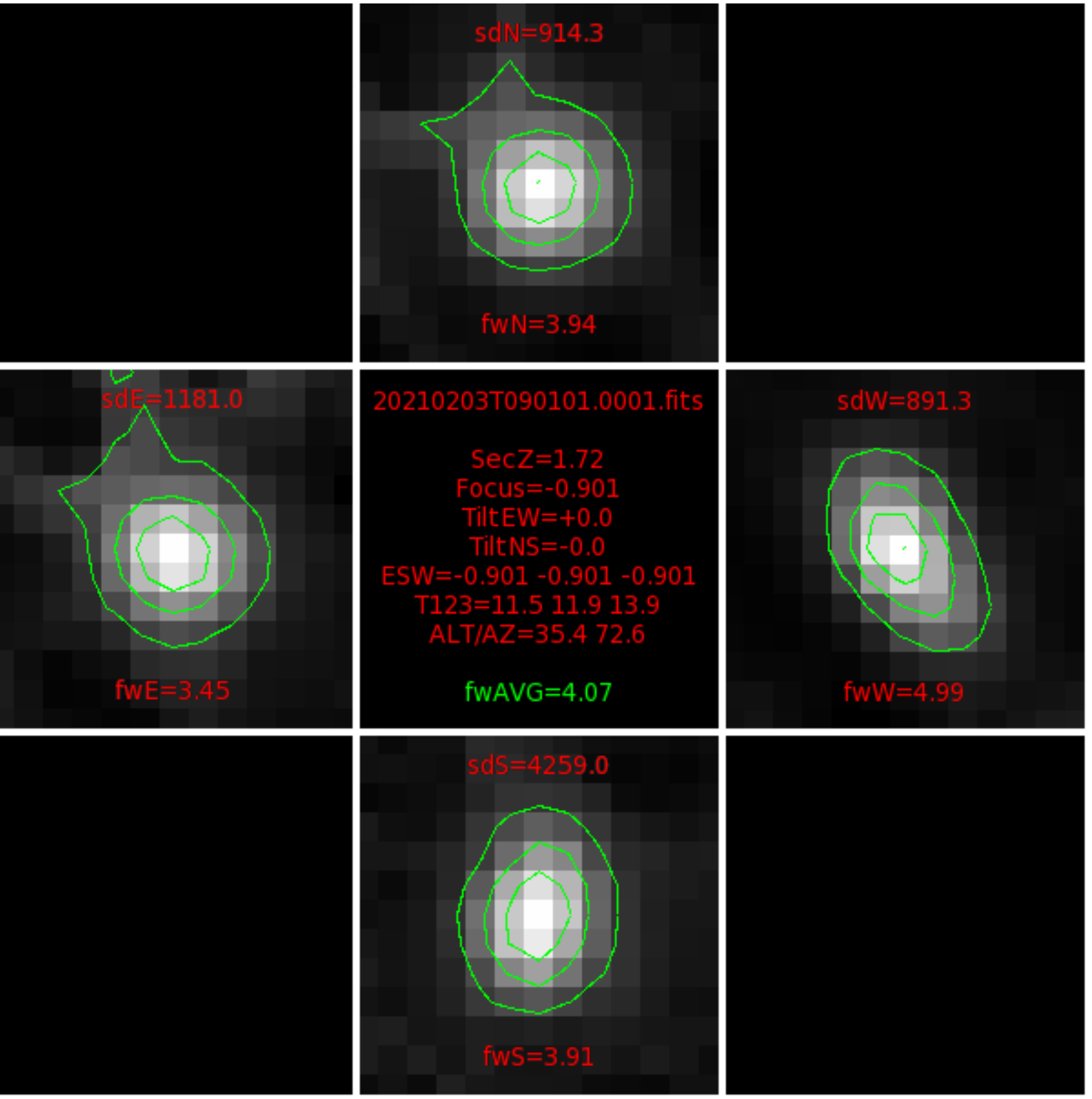
sdN=914.3
fwN=3.94
sdE=1181.0
fwE=3.45
20210203T090101.0001.fits
SecZ=1.72
Focus=-0.901
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.901 -0.901 -0.901
T123=11.5 11.9 13.9
ALT/AZ=35.4 72.6
fwAVG=4.07
sdW=891.3
fwW=4.99
sdS=4259.0
fwS=3.91
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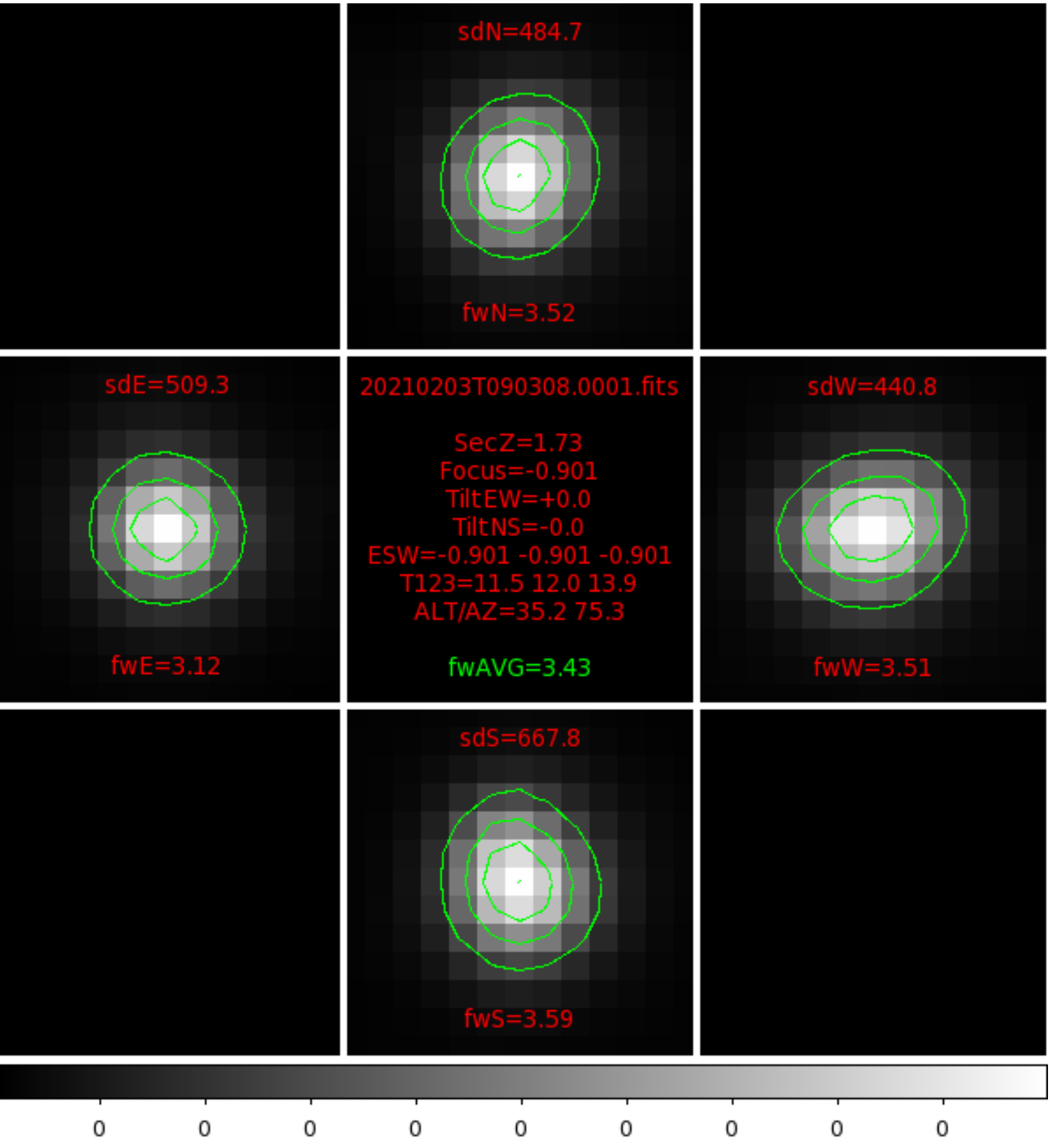
sdN=484.7
fwN=3.52
sdE=509.3
fwE=3.12
20210203T090308.0001.fits
SecZ=1.73
Focus=-0.901
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.901 -0.901 -0.901
T123=11.5 12.0 13.9
ALT/AZ=35.2 75.3
fwAVG=3.43
sdW=440.8
fwW=3.51
sdS=667.8
fwS=3.59
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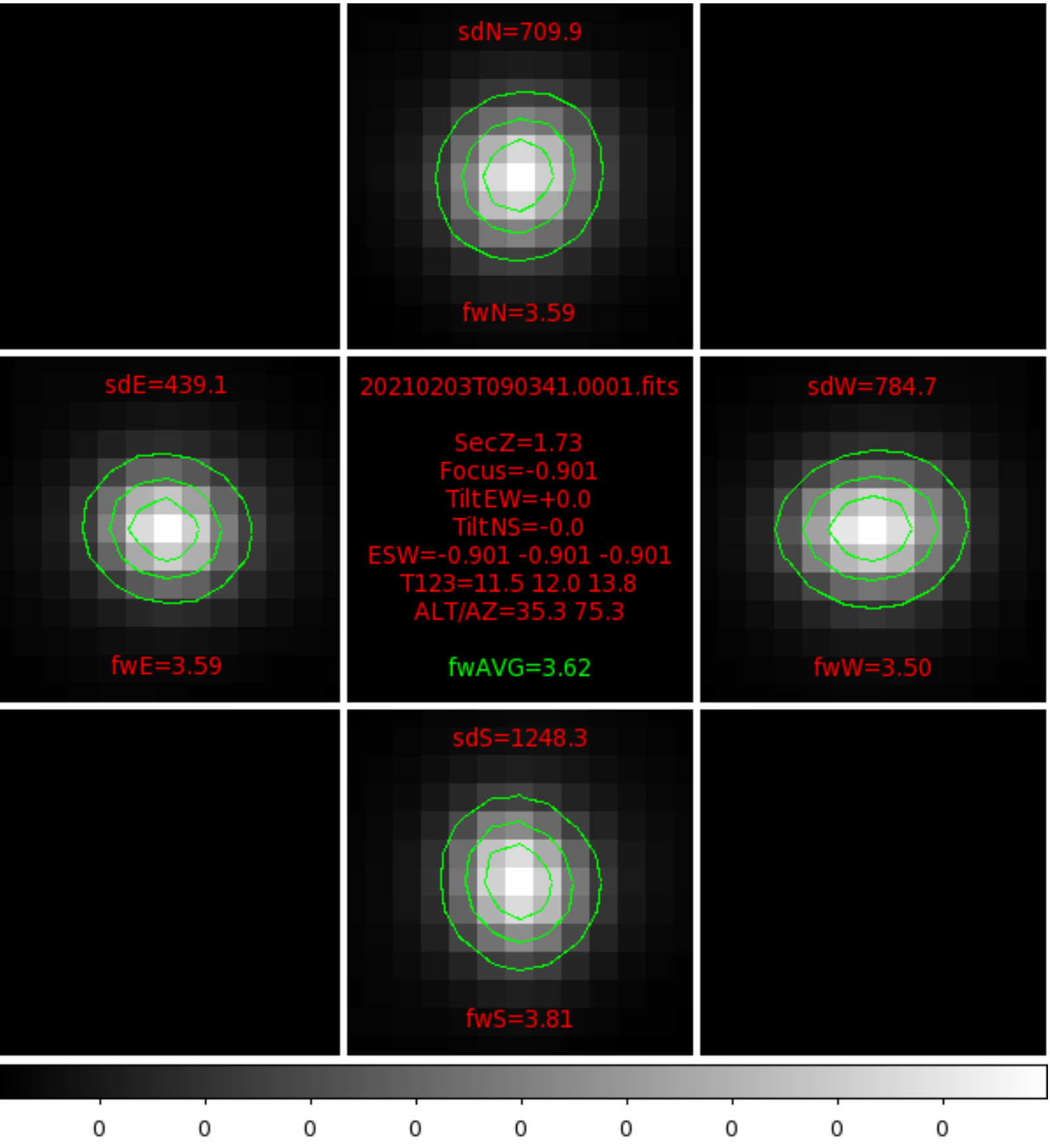
sdN=709.9
fwN=3.59
sdE=439.1
fwE=3.59
20210203T090341.0001.fits
SecZ=1.73
Focus=-0.901
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.901 -0.901 -0.901
T123=11.5 12.0 13.8
ALT/AZ=35.3 75.3
fwAVG=3.62
sdW=784.7
fwW=3.50
sdS=1248.3
fwS=3.81
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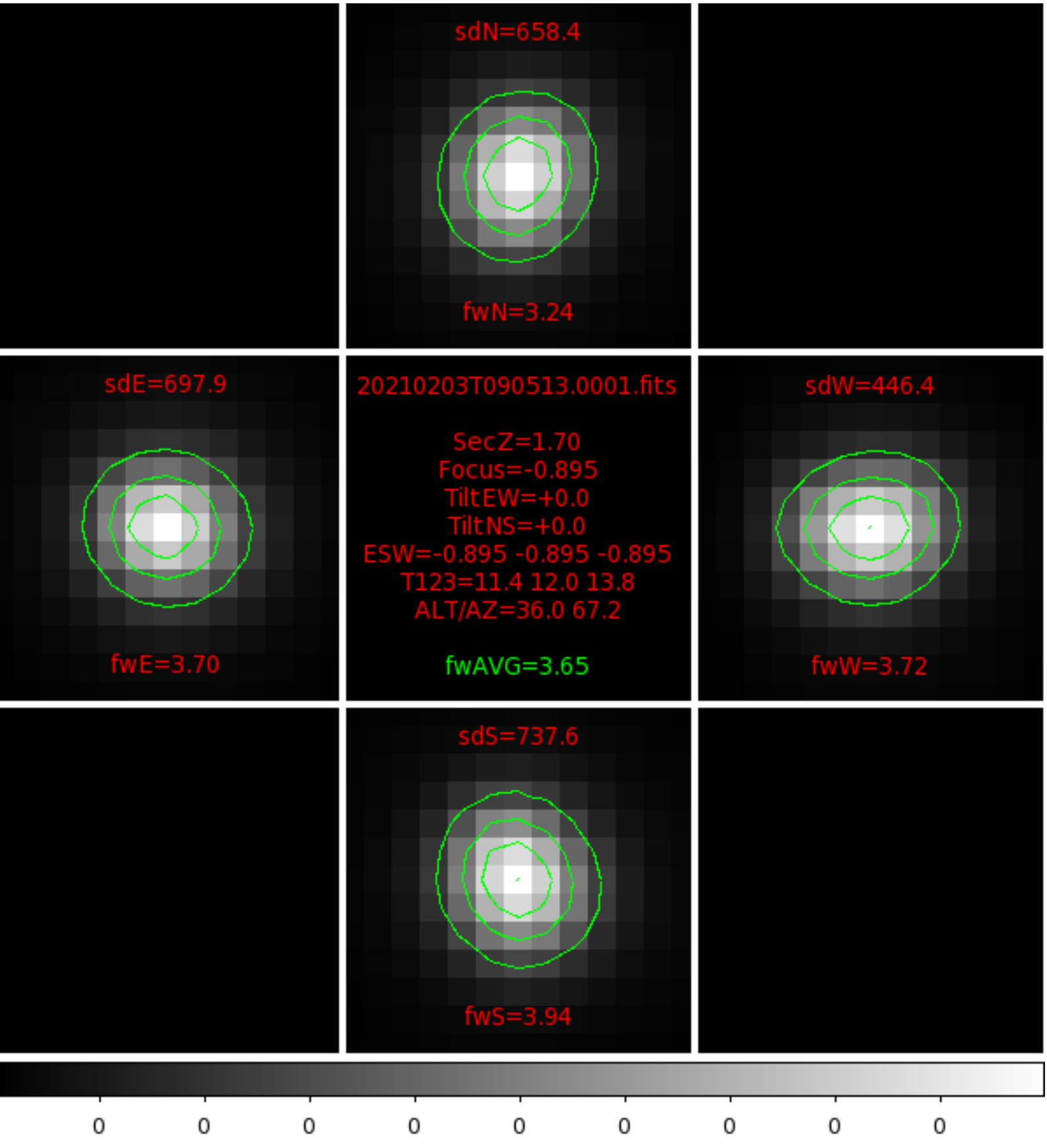
sdN=658.4
fwN=3.24
sdE=697.9
fwE=3.70
20210203T090513.0001.fits
SecZ=1.70
Focus=-0.895
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.895 -0.895 -0.895
T123=11.4 12.0 13.8
ALT/AZ=36.0 67.2
fwAVG=3.65
sdW=446.4
fwW=3.72
sdS=737.6
fwS=3.94
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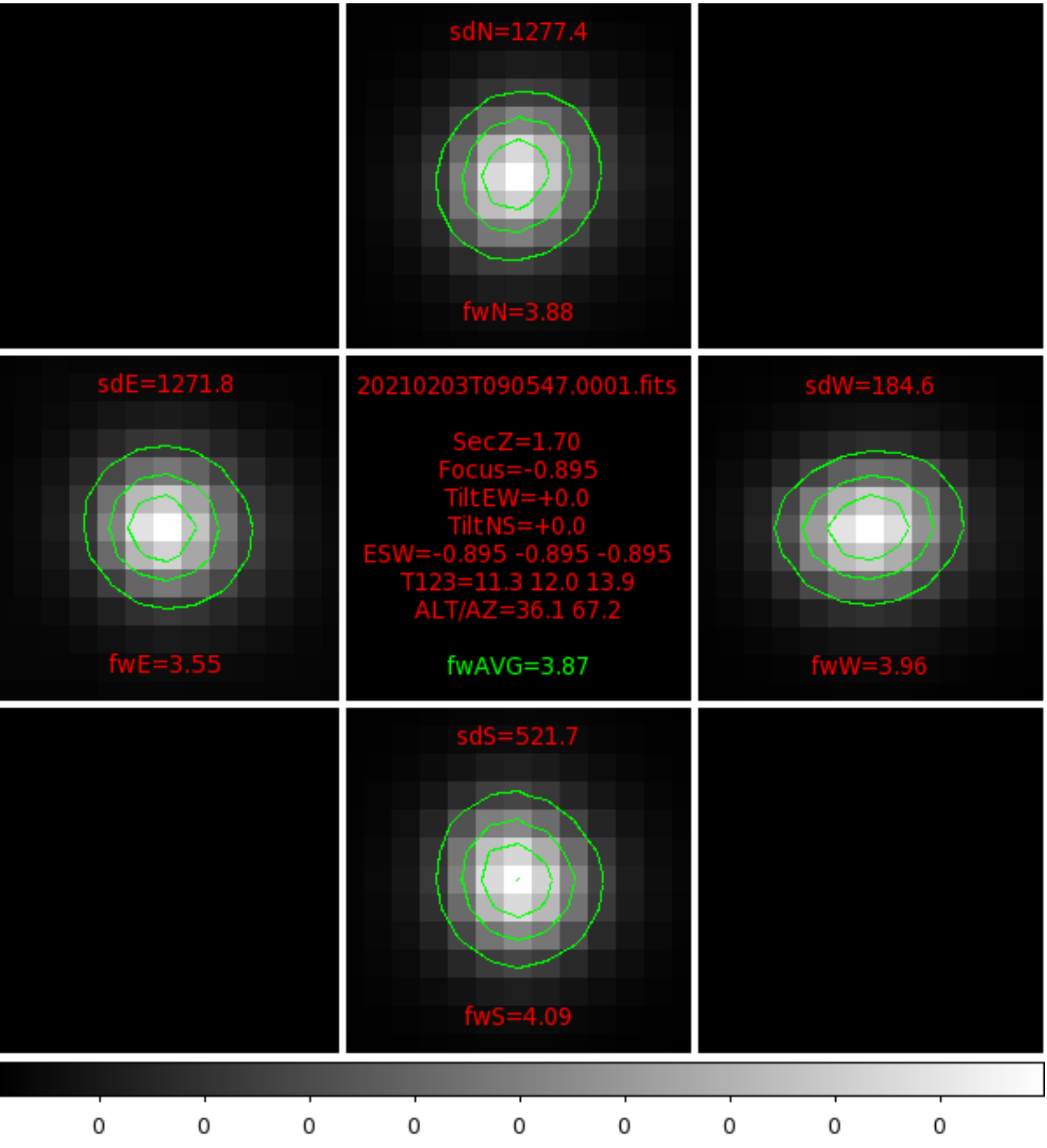
sdN=1277.4
fwN=3.88
sdE=1271.8
fwE=3.55
20210203T090547.0001.fits
SecZ=1.70
Focus=-0.895
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.895 -0.895 -0.895
T123=11.3 12.0 13.9
ALT/AZ=36.1 67.2
fwAVG=3.87
sdW=184.6
fwW=3.96
sdS=521.7
fwS=4.09
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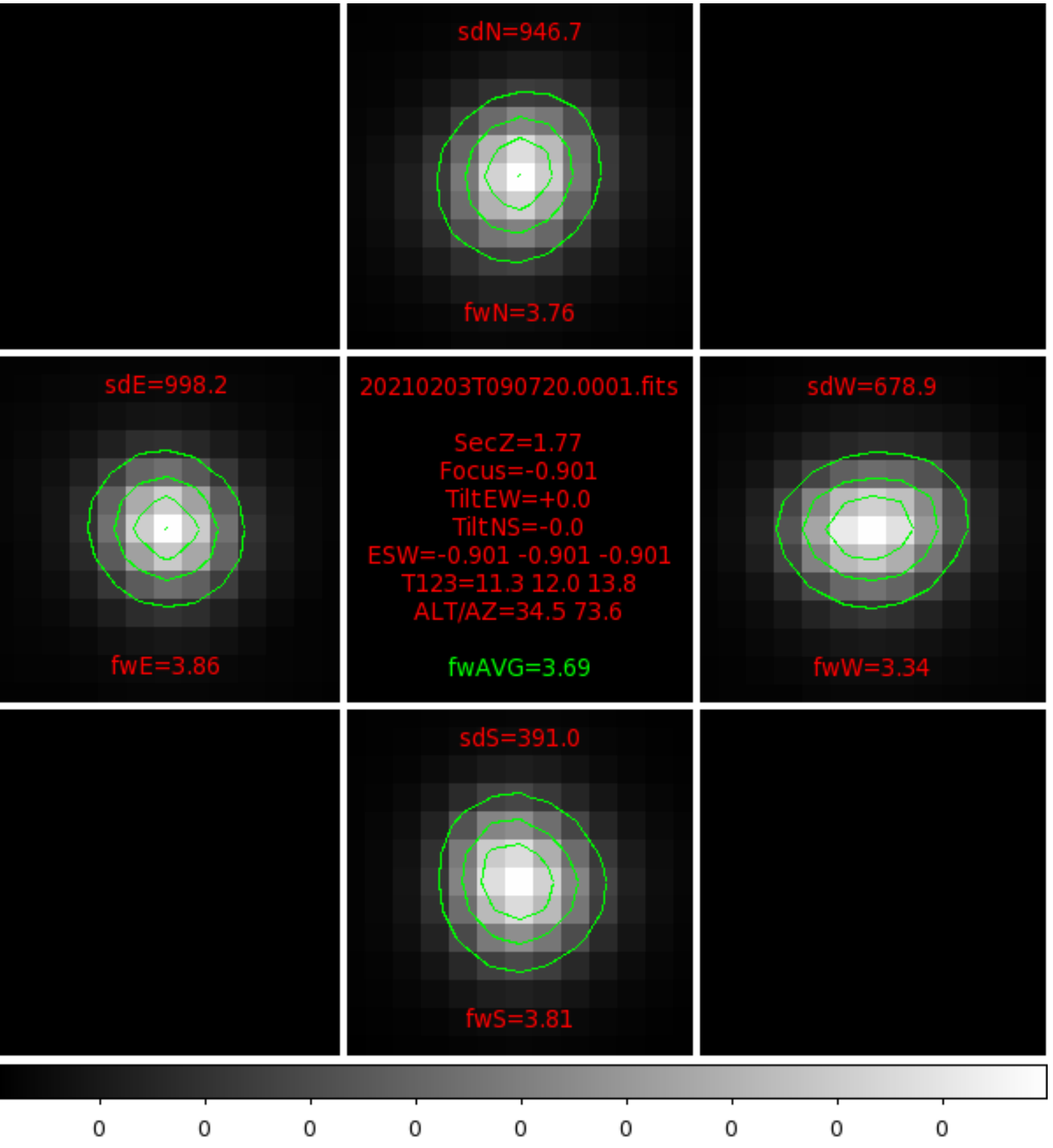
sdN=946.7
fwN=3.76
sdE=998.2
fwE=3.86
20210203T090720.0001.fits
SecZ=1.77
Focus=-0.901
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.901 -0.901 -0.901
T123=11.3 12.0 13.8
ALT/AZ=34.5 73.6
fwAVG=3.69
sdW=678.9
fwW=3.34
sdS=391.0
fwS=3.81
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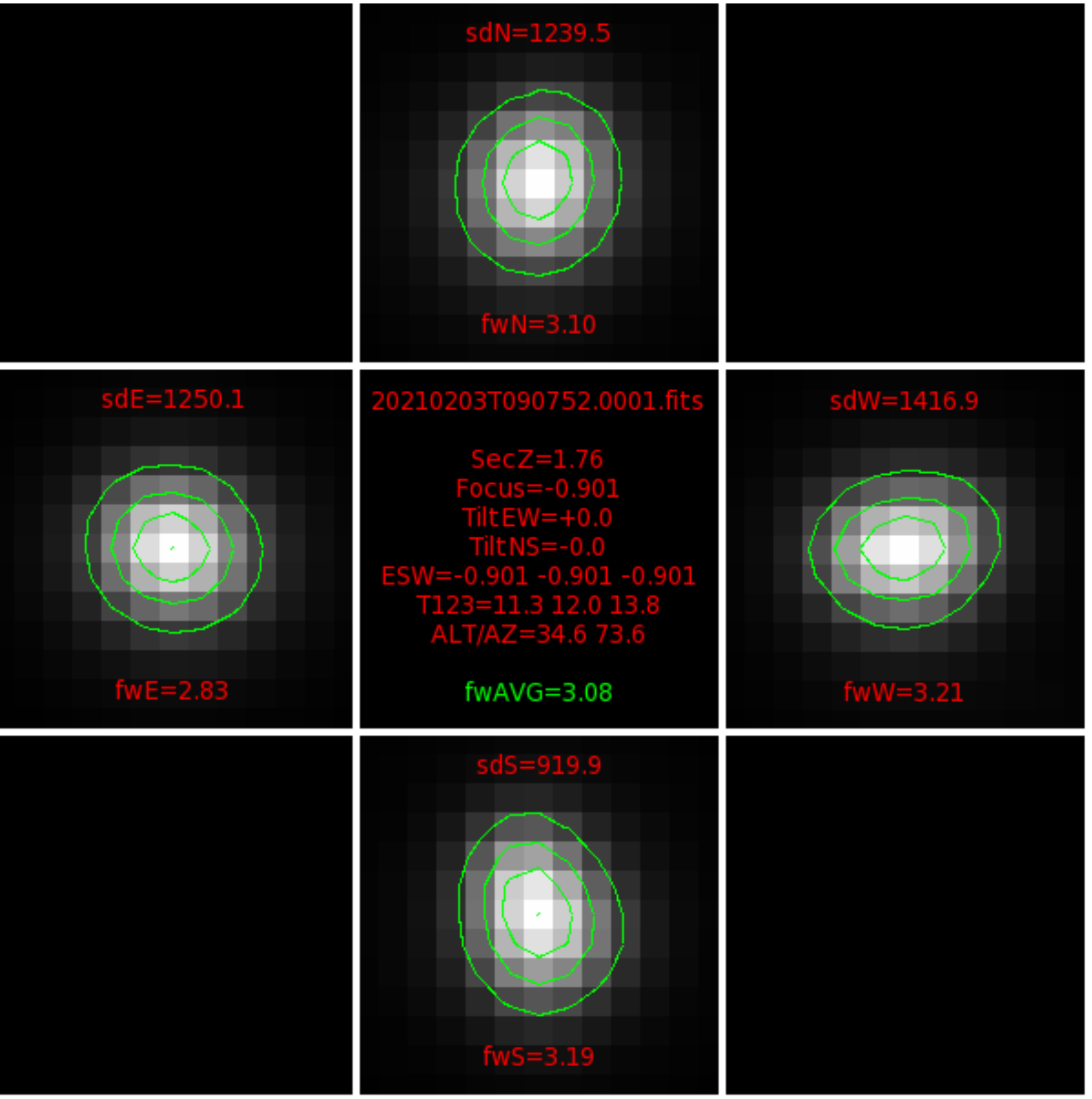
sdN=1239.5
fwN=3.10
sdE=1250.1
fwE=2.83
20210203T090752.0001.fits
SecZ=1.76
Focus=-0.901
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.901 -0.901 -0.901
T123=11.3 12.0 13.8
ALT/AZ=34.6 73.6
fwAVG=3.08
sdW=1416.9
fwW=3.21
sdS=919.9
fwS=3.19
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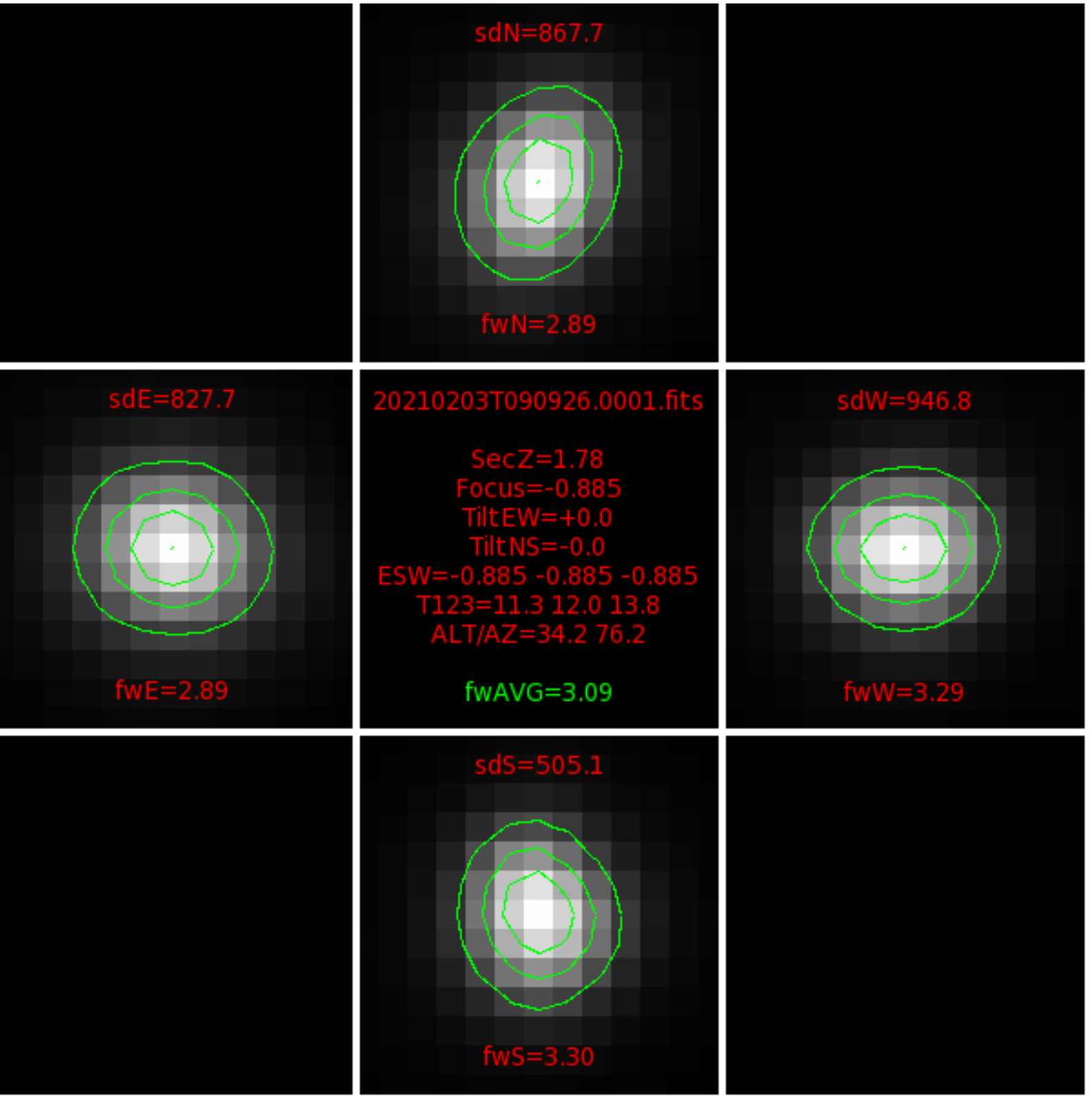
sdN=867.7
fwN=2.89
sdE=827.7
fwE=2.89
20210203T090926.0001.fits
SecZ=1.78
Focus=-0.885
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.885 -0.885 -0.885
T123=11.3 12.0 13.8
ALT/AZ=34.2 76.2
fwAVG=3.09
sdW=946.8
fwW=3.29
sdS=505.1
fwS=3.30
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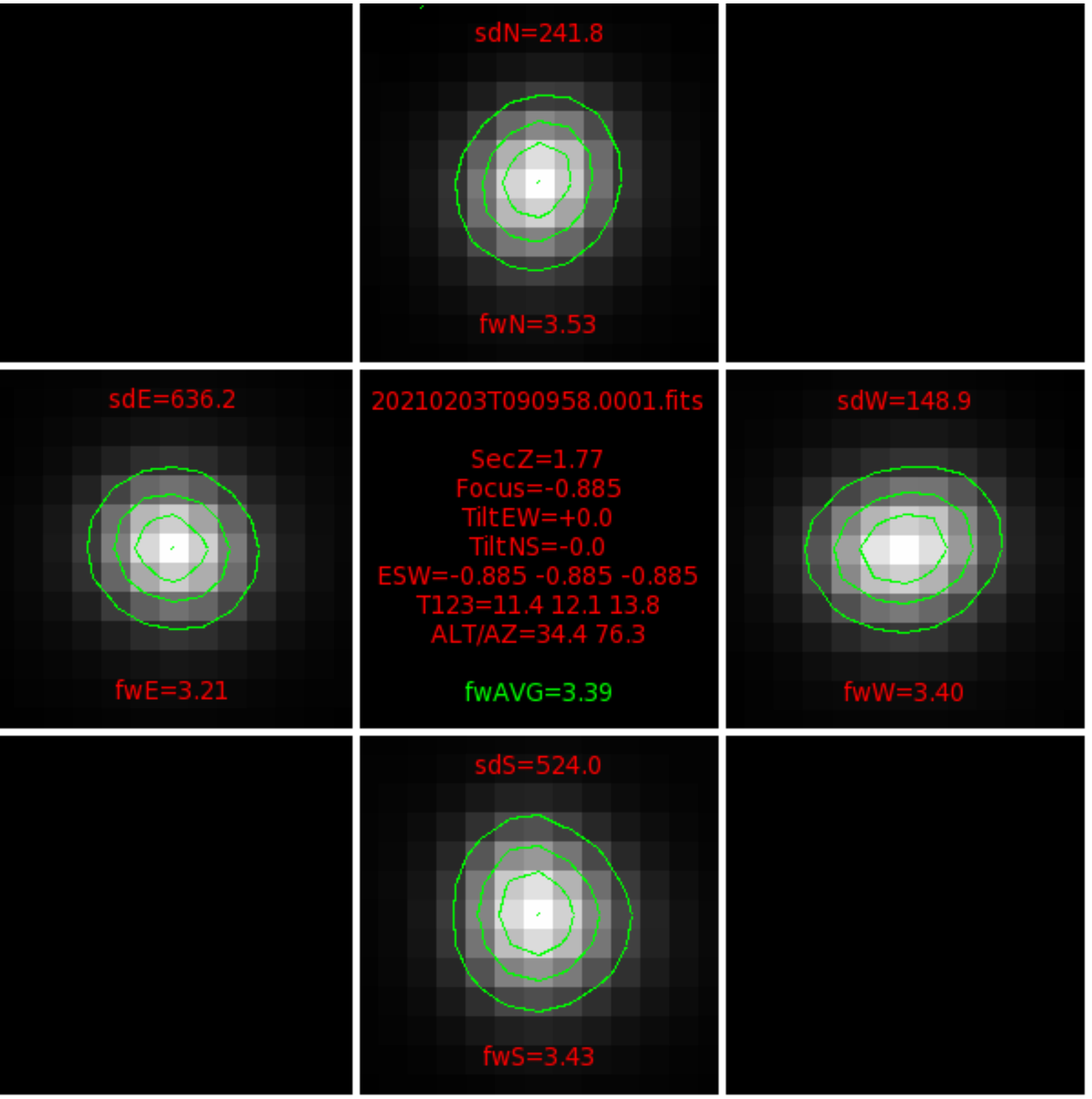
sdN=241.8
fwN=3.53
sdE=636.2
fwE=3.21
20210203T090958.0001.fits
SecZ=1.77
Focus=-0.885
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.885 -0.885 -0.885
T123=11.4 12.1 13.8
ALT/AZ=34.4 76.3
fwAVG=3.39
sdW=148.9
fwW=3.40
sdS=524.0
fwS=3.43
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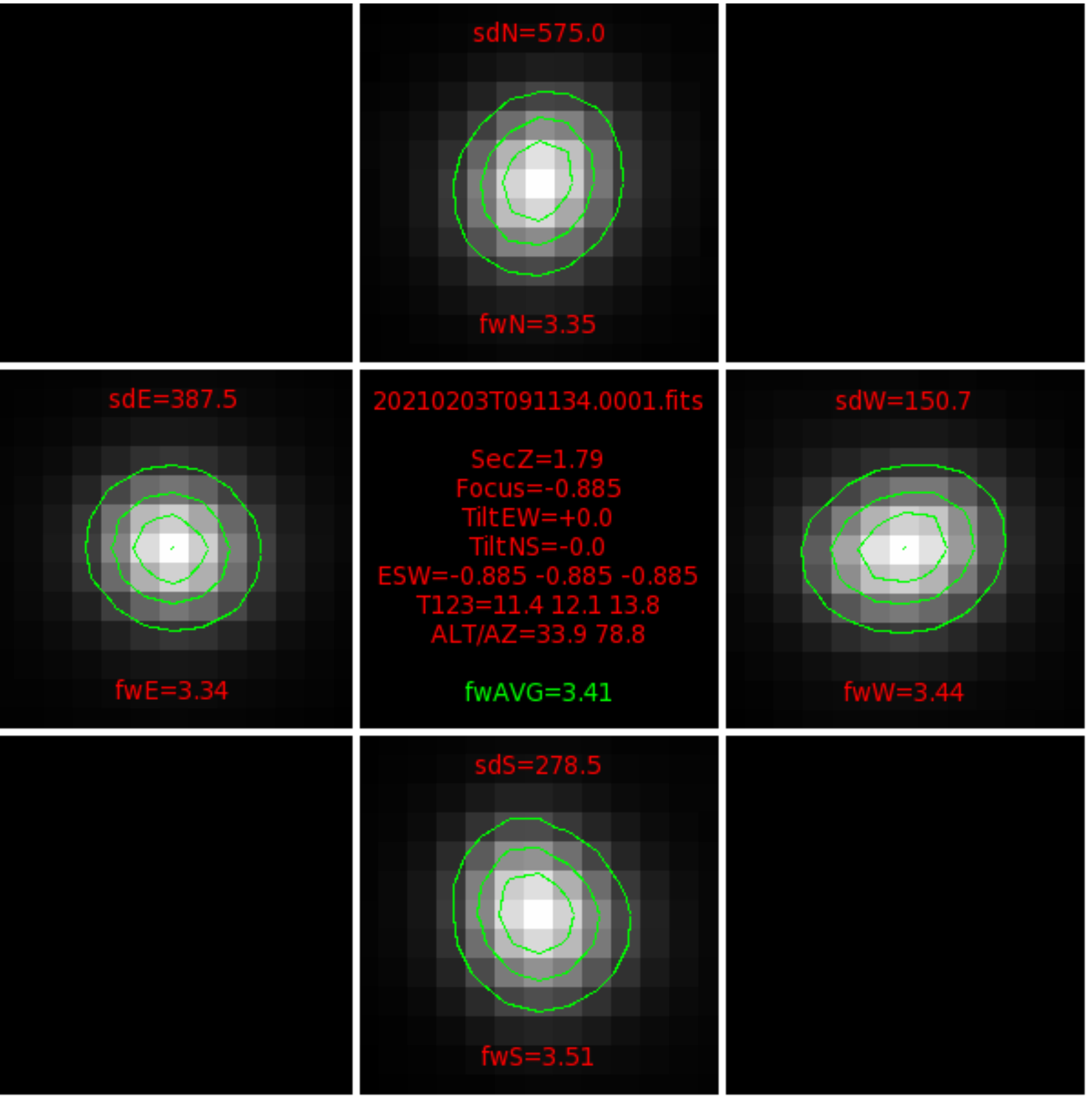
sdN=575.0
fwN=3.35
sdE=387.5
fwE=3.34
20210203T091134.0001.fits
SecZ=1.79
Focus=-0.885
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.885 -0.885 -0.885
T123=11.4 12.1 13.8
ALT/AZ=33.9 78.8
fwAVG=3.41
sdW=150.7
fwW=3.44
sdS=278.5
fwS=3.51
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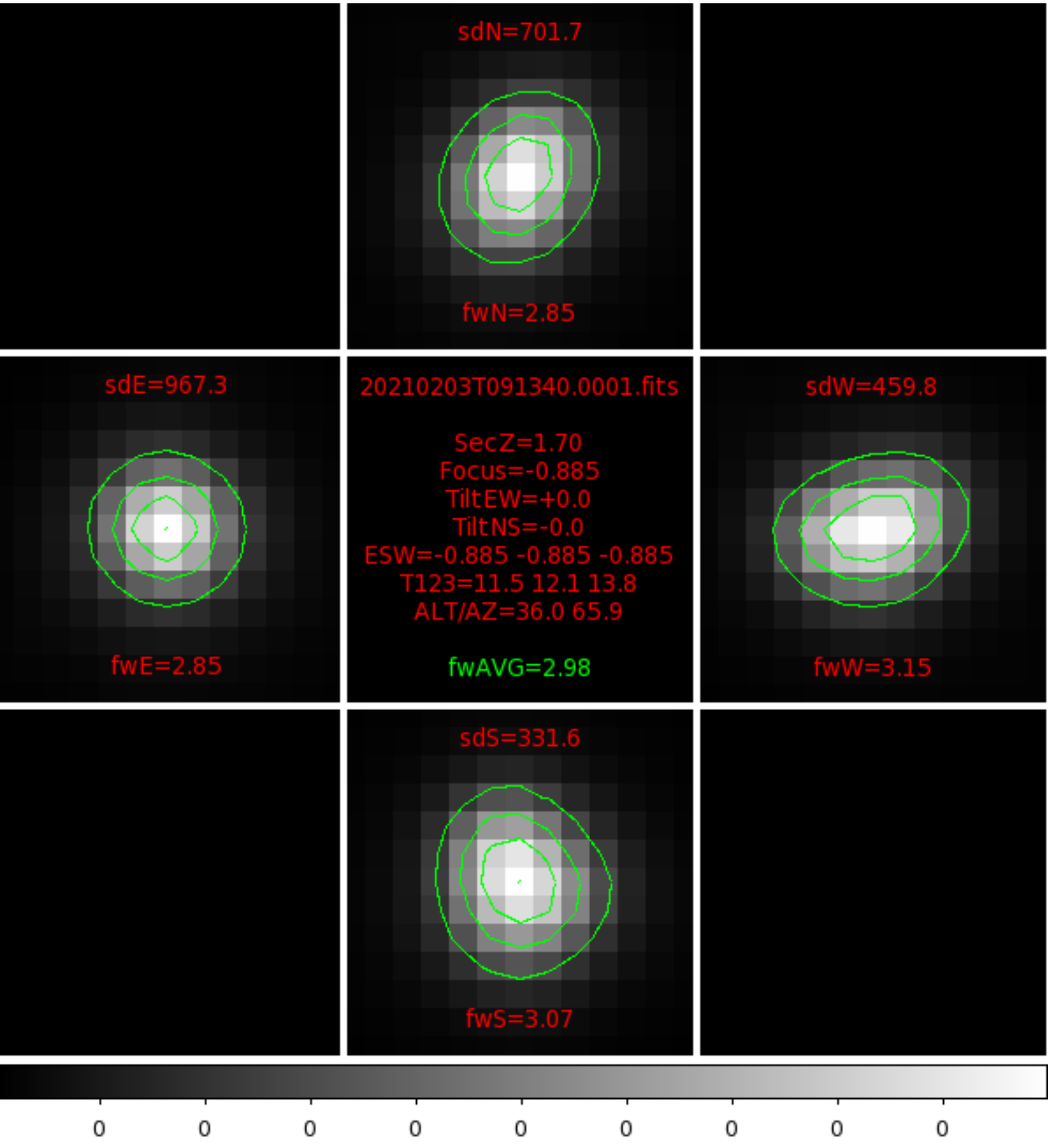
sdN=701.7
fwN=2.85
sdE=967.3
fwE=2.85
20210203T091340.0001.fits
SecZ=1.70
Focus=-0.885
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.885 -0.885 -0.885
T123=11.5 12.1 13.8
ALT/AZ=36.0 65.9
fwAVG=2.98
sdW=459.8
fwW=3.15
sdS=331.6
fwS=3.07
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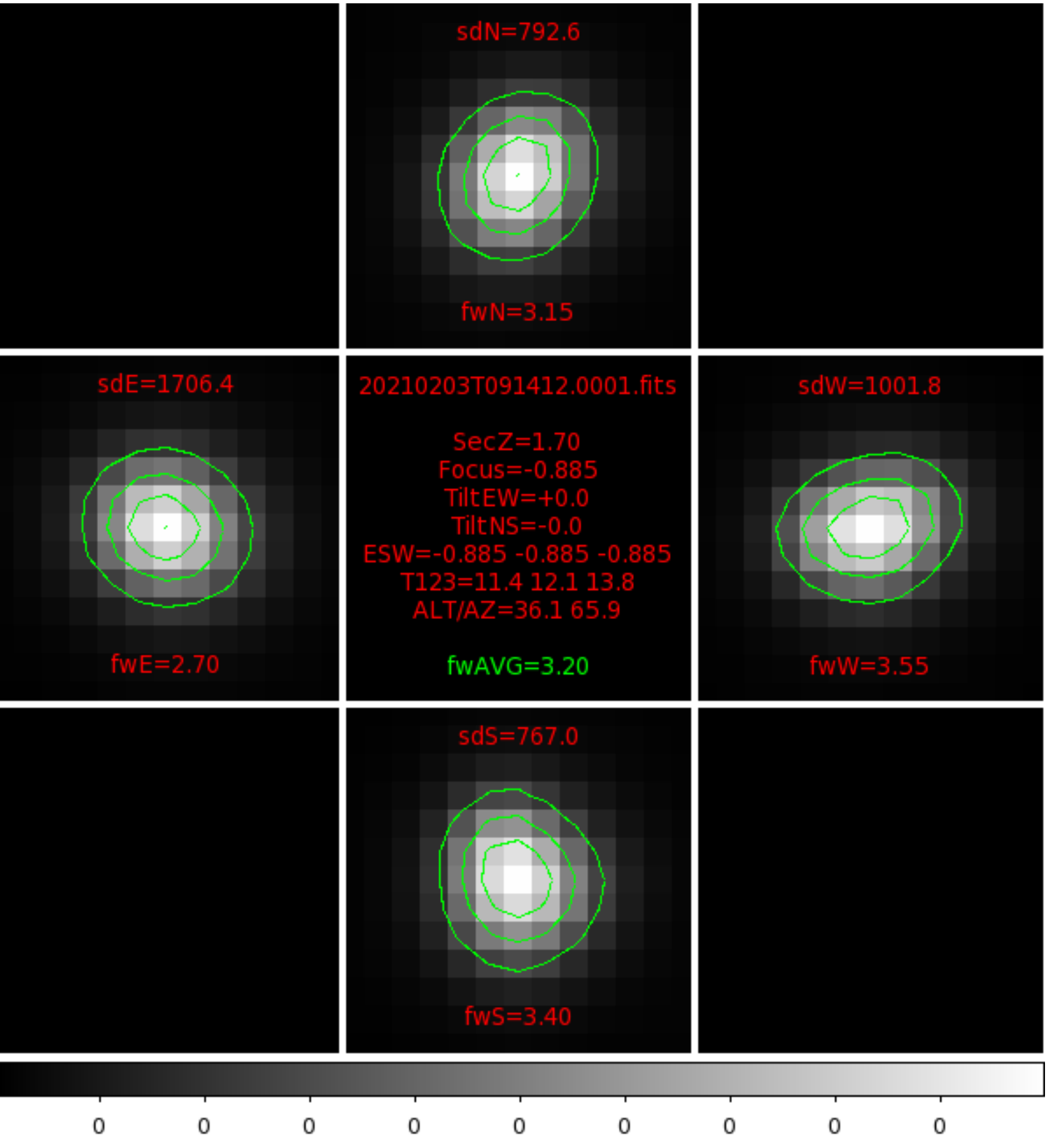
sdN=792.6
fwN=3.15
sdE=1706.4
fwE=2.70
20210203T091412.0001.fits
SecZ=1.70
Focus=-0.885
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.885 -0.885 -0.885
T123=11.4 12.1 13.8
ALT/AZ=36.1 65.9
fwAVG=3.20
sdW=1001.8
fwW=3.55
sdS=767.0
fwS=3.40
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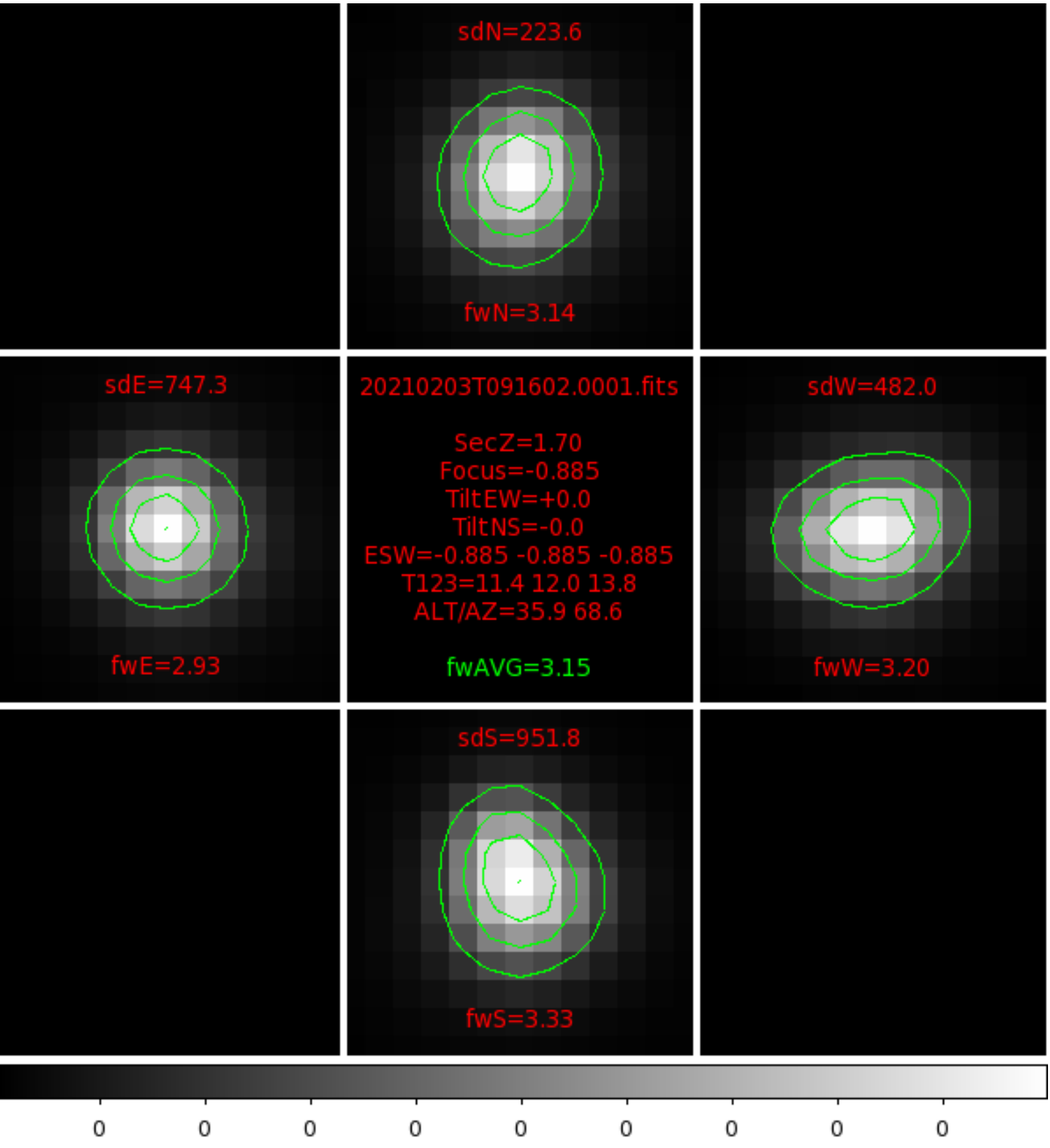
sdN=223.6
fwN=3.14
sdE=747.3
fwE=2.93
20210203T091602.0001.fits
SecZ=1.70
Focus=-0.885
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.885 -0.885 -0.885
T123=11.4 12.0 13.8
ALT/AZ=35.9 68.6
fwAVG=3.15
sdW=482.0
fwW=3.20
sdS=951.8
fwS=3.33
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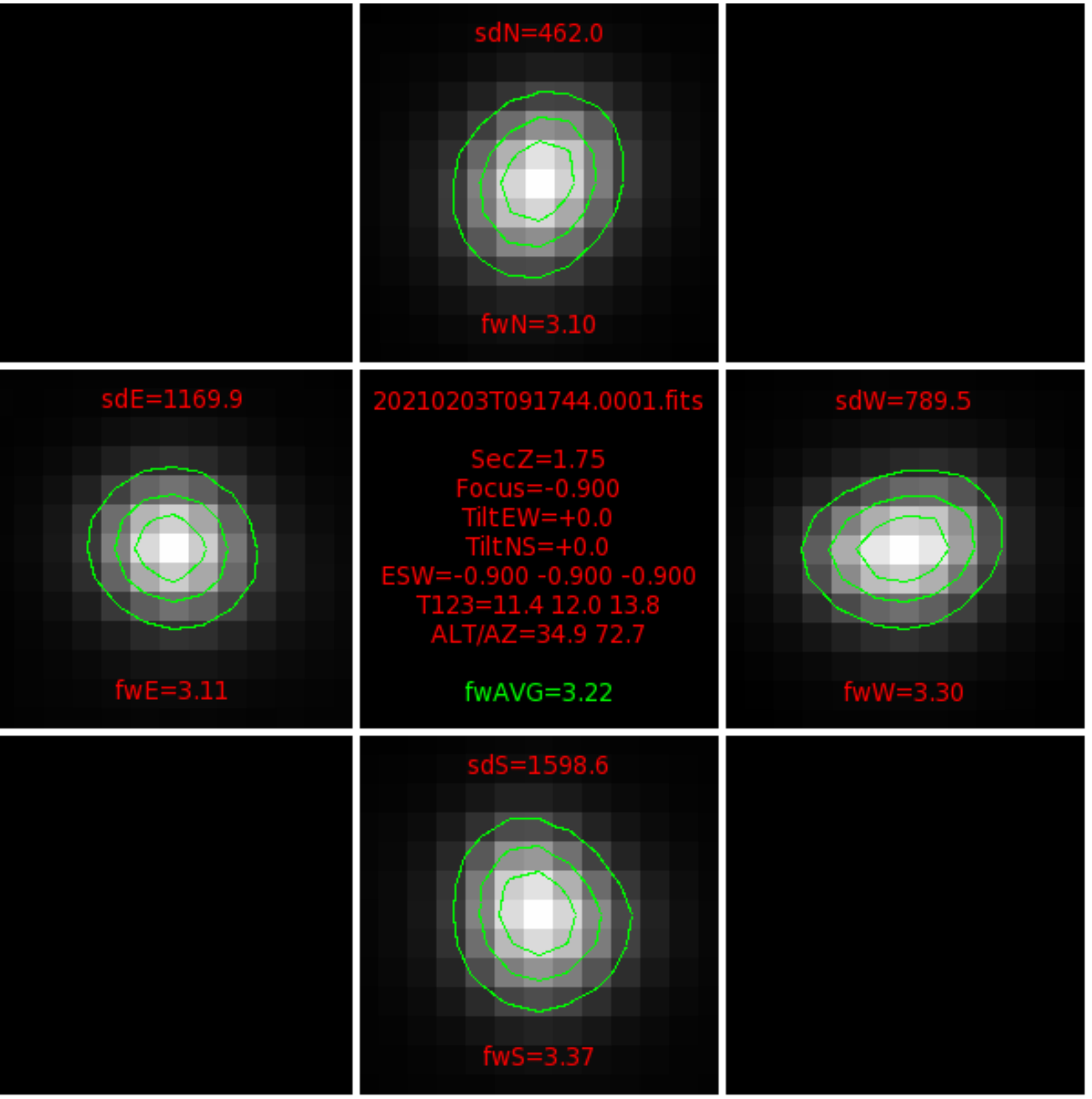
sdN=462.0
fwN=3.10
sdE=1169.9
fwE=3.11
20210203T091744.0001.fits
SecZ=1.75
Focus=-0.900
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.900 -0.900 -0.900
T123=11.4 12.0 13.8
ALT/AZ=34.9 72.7
fwAVG=3.22
sdW=789.5
fwW=3.30
sdS=1598.6
fwS=3.37
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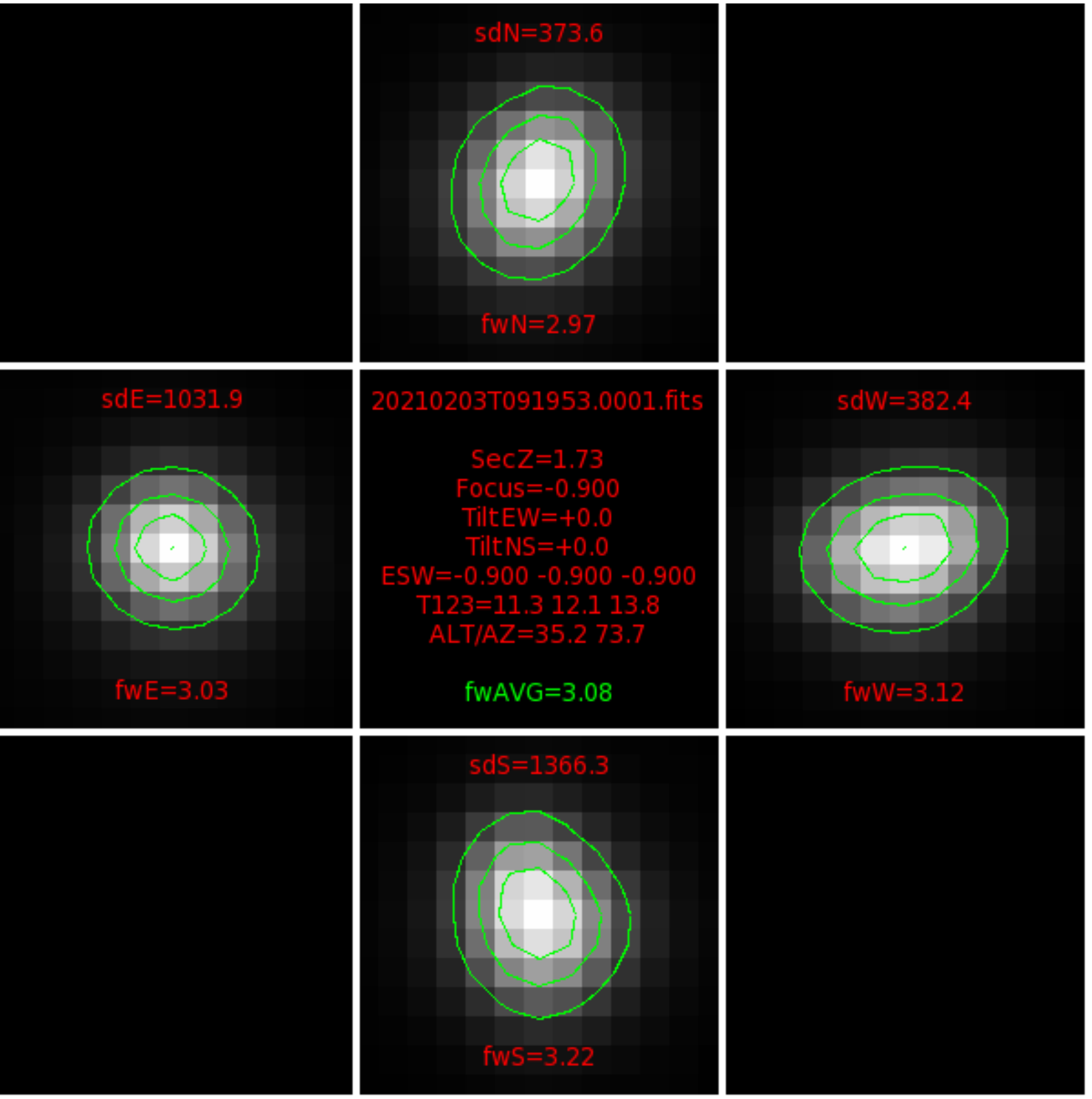
sdN=373.6
fwN=2.97
sdE=1031.9
fwE=3.03
20210203T091953.0001.fits
SecZ=1.73
Focus=-0.900
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.900 -0.900 -0.900
T123=11.3 12.1 13.8
ALT/AZ=35.2 73.7
fwAVG=3.08
sdW=382.4
fwW=3.12
sdS=1366.3
fwS=3.22
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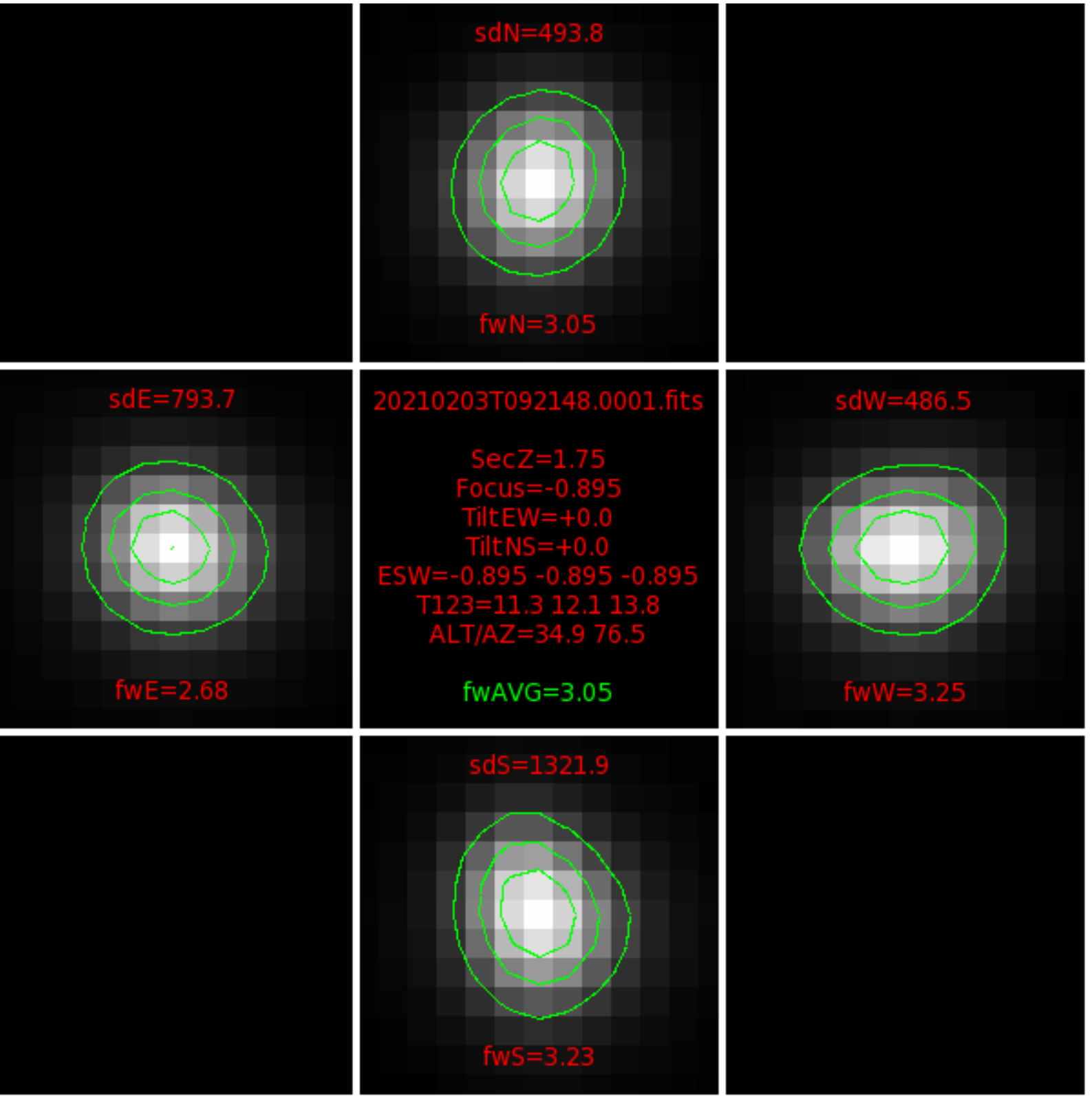
sdN=493.8
fwN=3.05
sdE=793.7
fwE=2.68
20210203T092148.0001.fits
SecZ=1.75
Focus=-0.895
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.895 -0.895 -0.895
T123=11.3 12.1 13.8
ALT/AZ=34.9 76.5
fwAVG=3.05
sdW=486.5
fwW=3.25
sdS=1321.9
fwS=3.23
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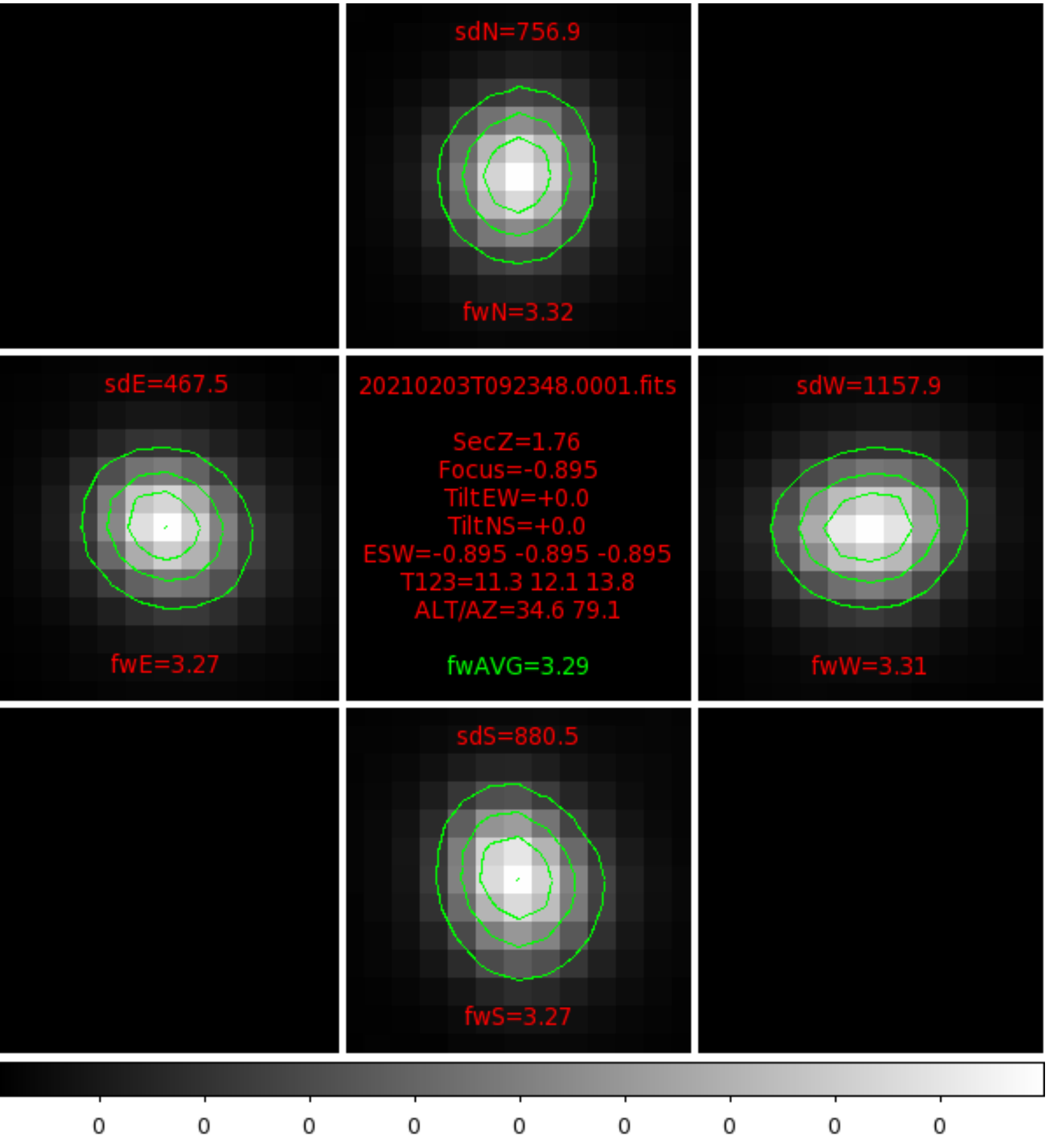
sdN=756.9
fwN=3.32
sdE=467.5
fwE=3.27
20210203T092348.0001.fits
SecZ=1.76
Focus=-0.895
TiltEW=+0.0
TiltNS=+0.0
ESW=-0.895 -0.895 -0.895
T123=11.3 12.1 13.8
ALT/AZ=34.6 79.1
fwAVG=3.29
sdW=1157.9
fwW=3.31
sdS=880.5
fwS=3.27
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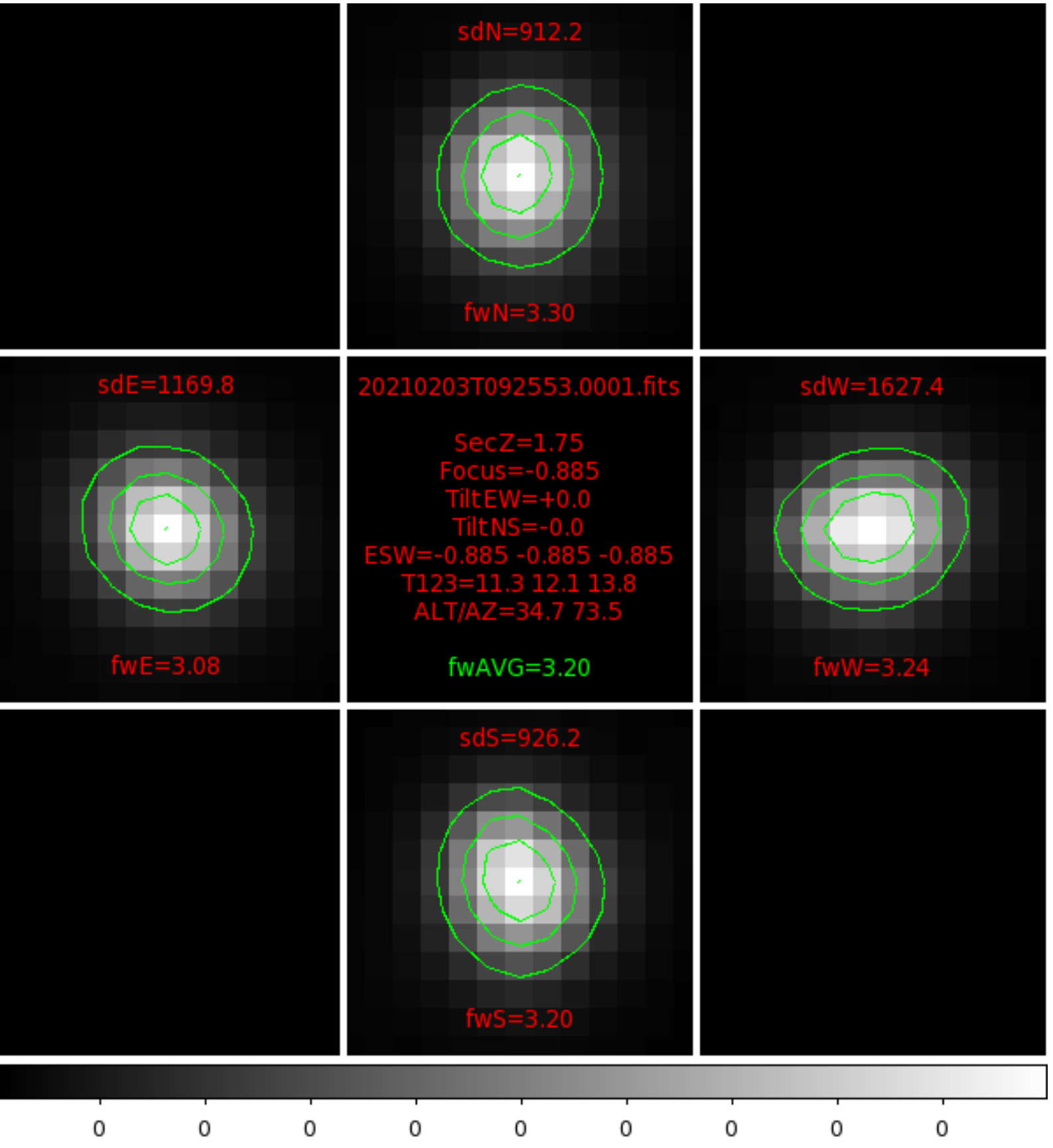
sdN=912.2
fwN=3.30
sdE=1169.8
fwE=3.08
20210203T092553.0001.fits
SecZ=1.75
Focus=-0.885
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.885 -0.885 -0.885
T123=11.3 12.1 13.8
ALT/AZ=34.7 73.5
fwAVG=3.20
sdW=1627.4
fwW=3.24
sdS=926.2
fwS=3.20
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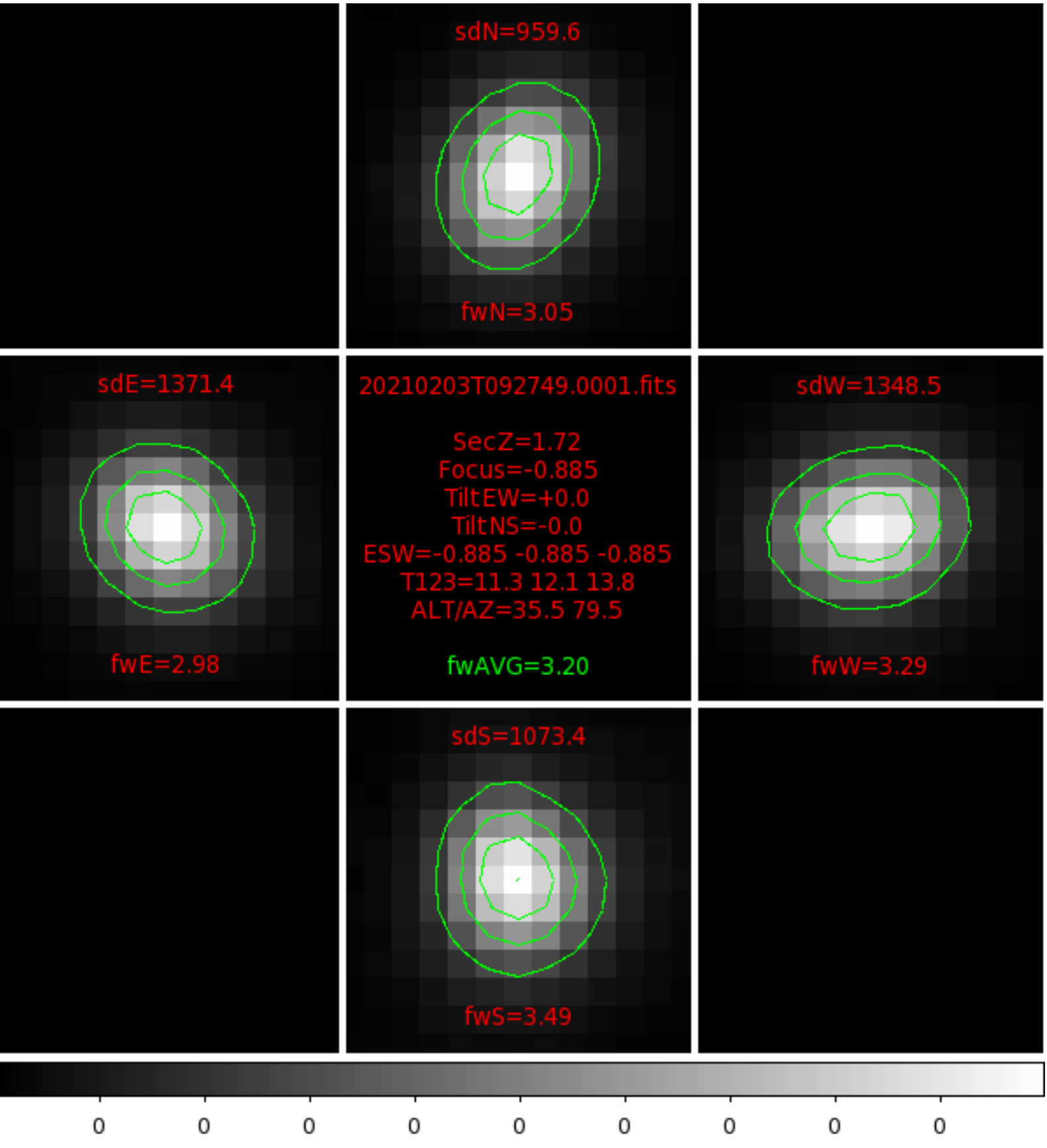
sdN=959.6
fwN=3.05
sdE=1371.4
fwE=2.98
20210203T092749.0001.fits
SecZ=1.72
Focus=-0.885
TiltEW=+0.0
TiltNS=-0.0
ESW=-0.885 -0.885 -0.885
T123=11.3 12.1 13.8
ALT/AZ=35.5 79.5
fwAVG=3.20
sdW=1348.5
fwW=3.29
sdS=1073.4
fwS=3.49
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