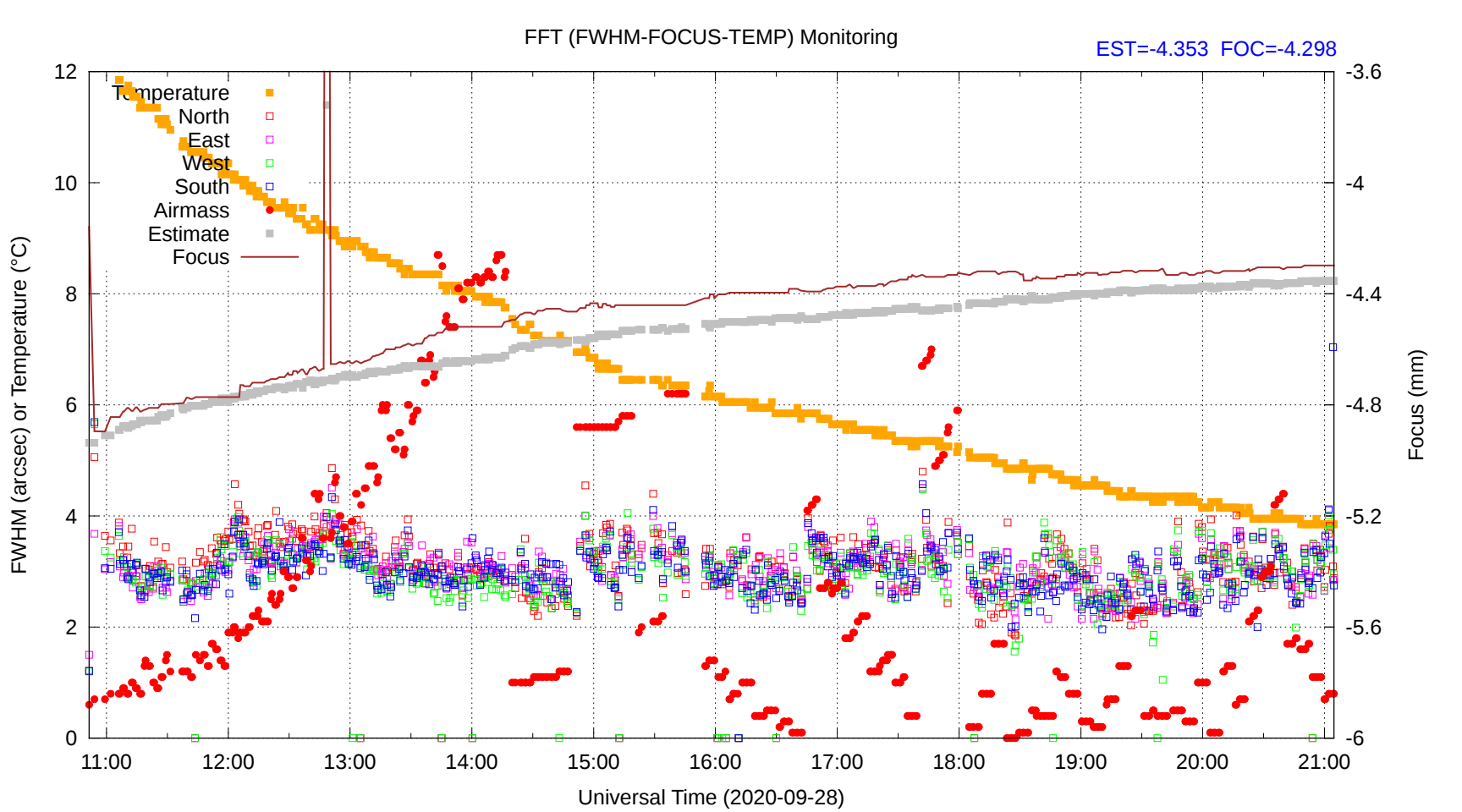
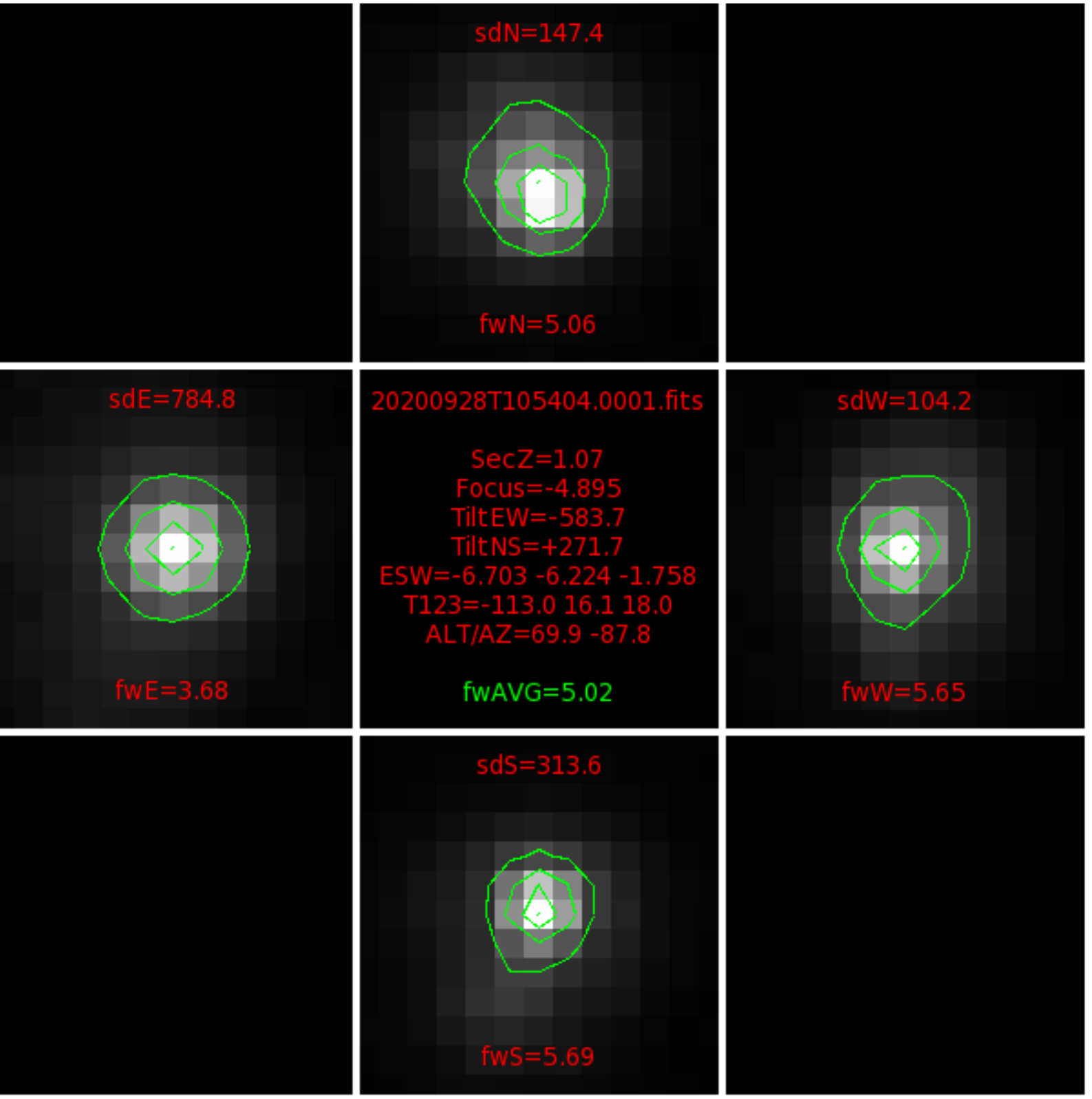

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-4.353 FOC=-4.298
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2020-09-28)
0
2
4
6
8
10
12
-6
-5.6
-5.2
-4.8
-4.4
-4
-3.6
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00


sdN=147.4
fwN=5.06
sdE=784.8
fwE=3.68
20200928T105404.0001.fits
SecZ=1.07
Focus=-4.895
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.703 -6.224 -1.758
T123=-113.0 16.1 18.0
ALT/AZ=69.9 -87.8
fwAVG=5.02
sdW=104.2
fwW=5.65
sdS=313.6
fwS=5.69
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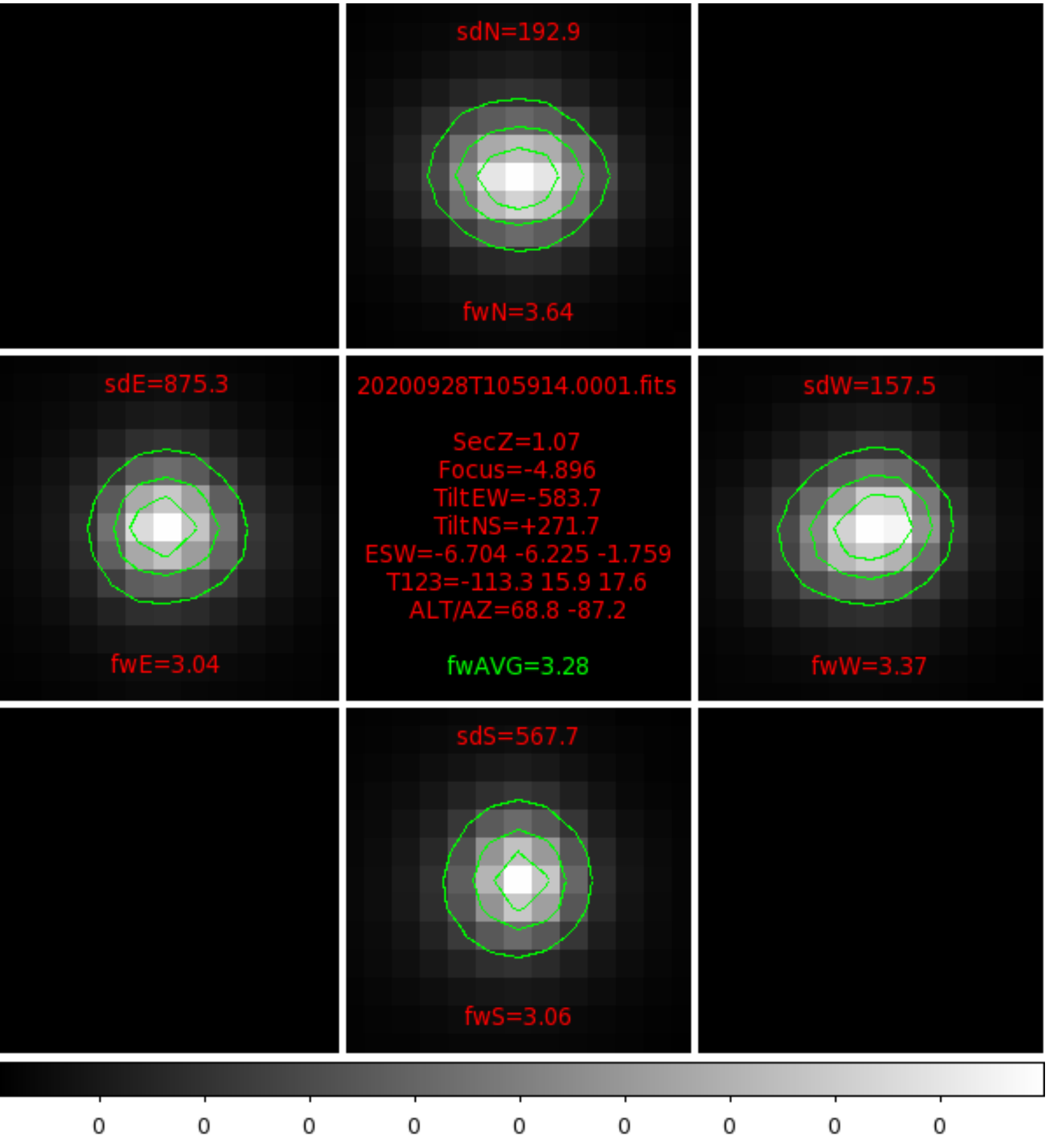
sdN=192.9
fwN=3.64
sdE=875.3
fwE=3.04
20200928T105914.0001.fits
SecZ=1.07
Focus=-4.896
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.704 -6.225 -1.759
T123=-113.3 15.9 17.6
ALT/AZ=68.8 -87.2
fwAVG=3.28
sdW=157.5
fwW=3.37
sdS=567.7
fwS=3.06
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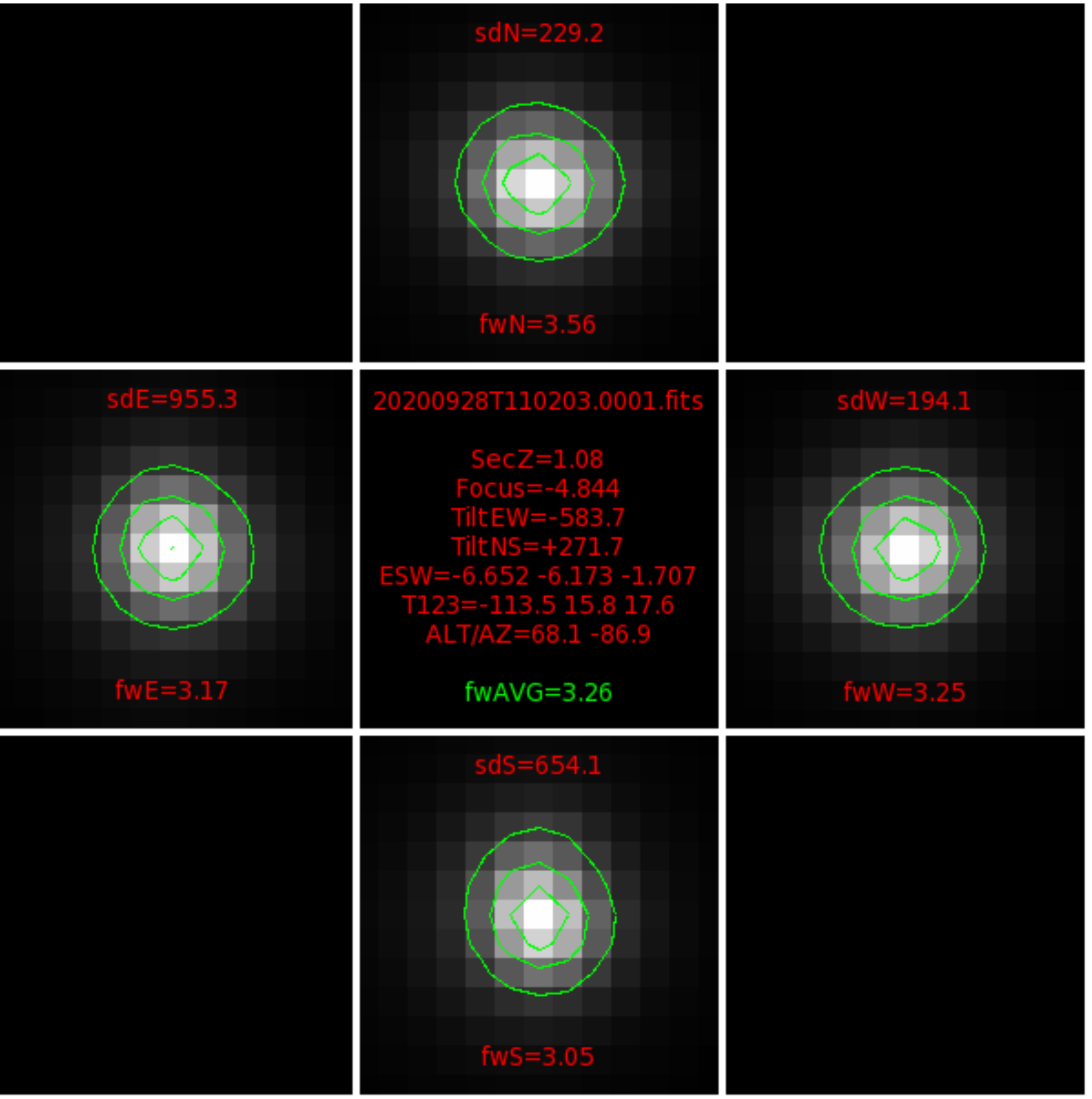
sdN=229.2
fwN=3.56
sdE=955.3
fwE=3.17
20200928T110203.0001.fits
SecZ=1.08
Focus=-4.844
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.652 -6.173 -1.707
T123=-113.5 15.8 17.6
ALT/AZ=68.1 -86.9
fwAVG=3.26
sdW=194.1
fwW=3.25
sdS=654.1
fwS=3.05
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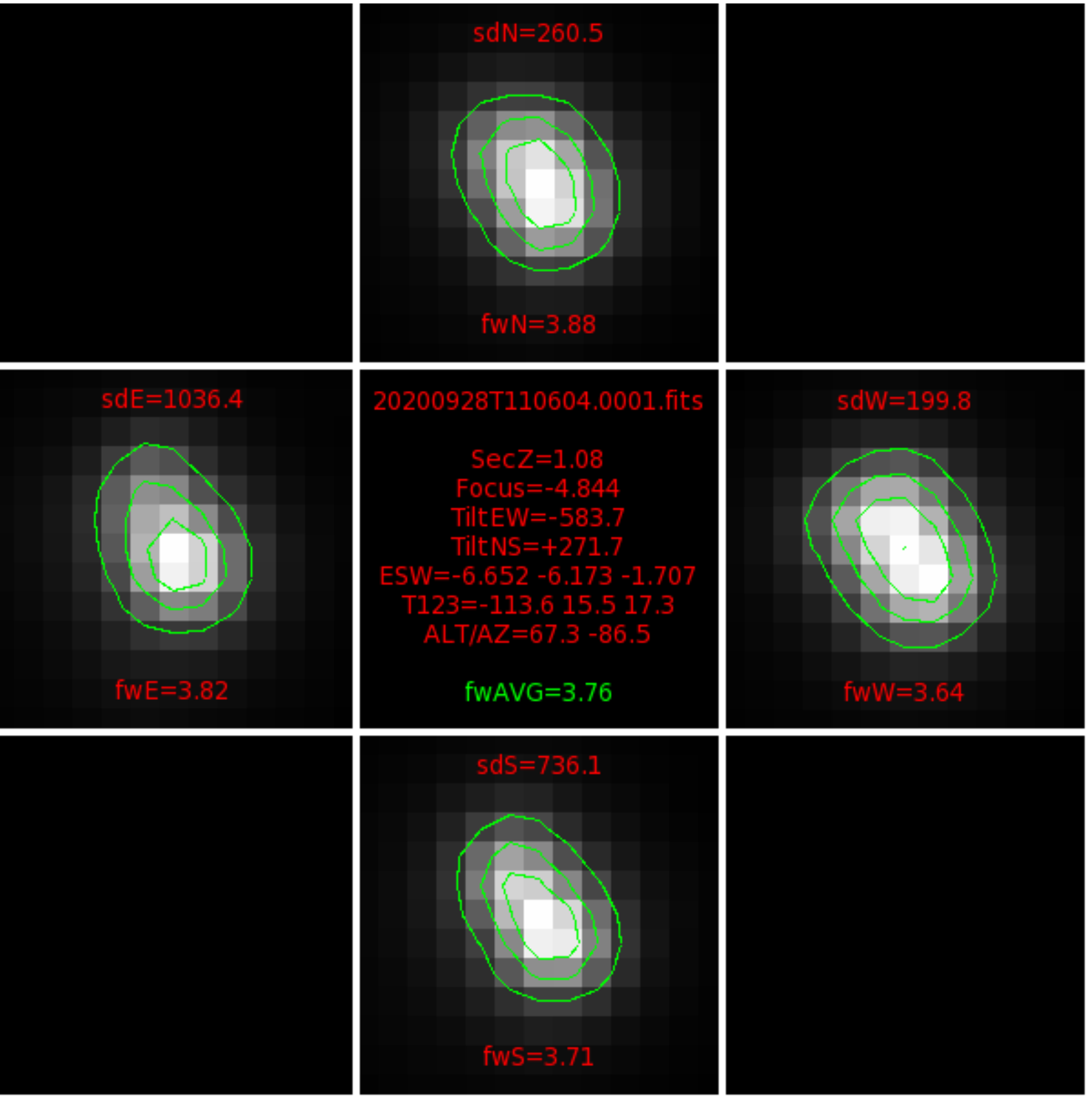
sdN=260.5
fwN=3.88
sdE=1036.4
fwE=3.82
20200928T110604.0001.fits
SecZ=1.08
Focus=-4.844
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.652 -6.173 -1.707
T123=-113.6 15.5 17.3
ALT/AZ=67.3 -86.5
fwAVG=3.76
sdW=199.8
fwW=3.64
sdS=736.1
fwS=3.71
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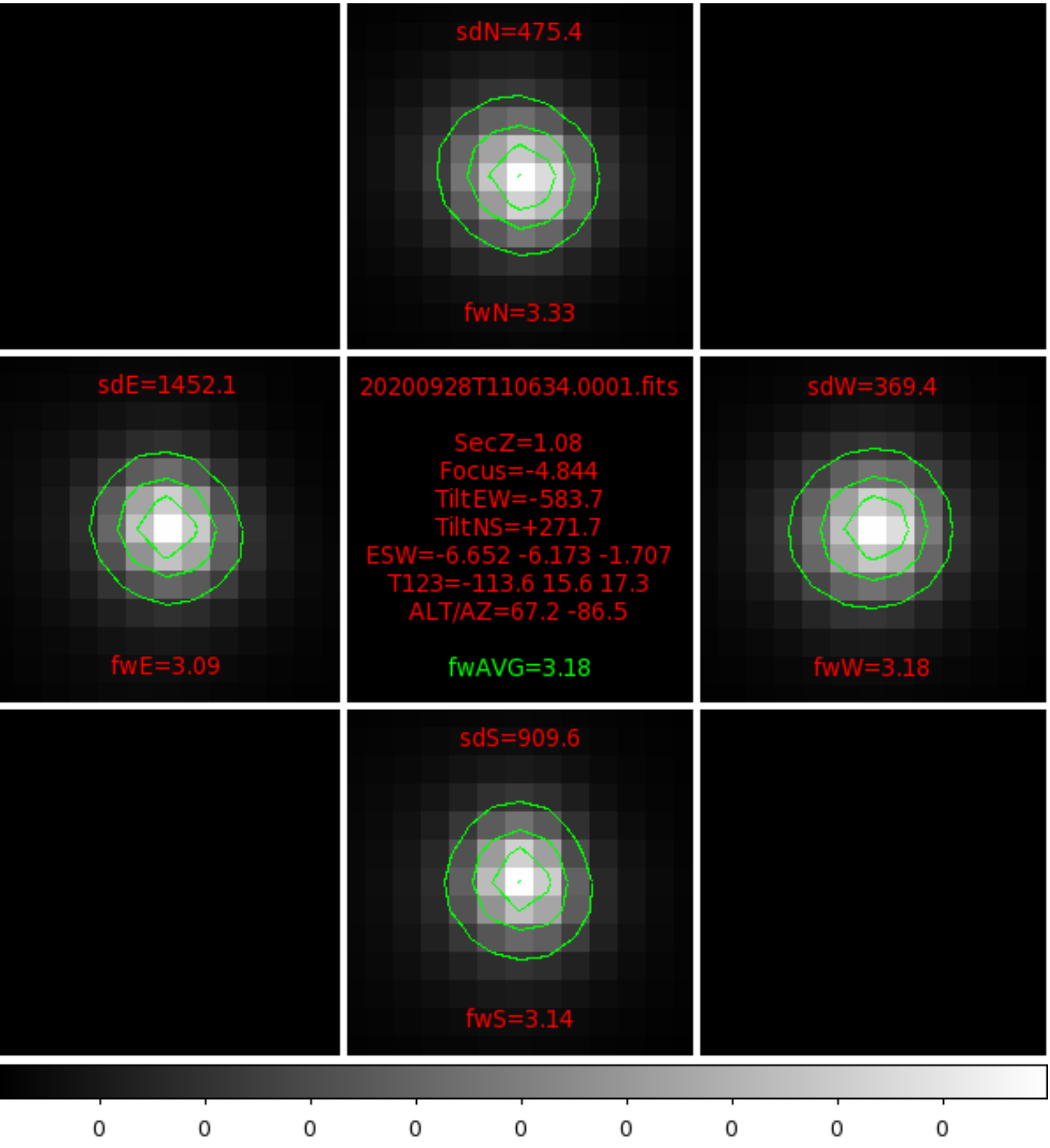
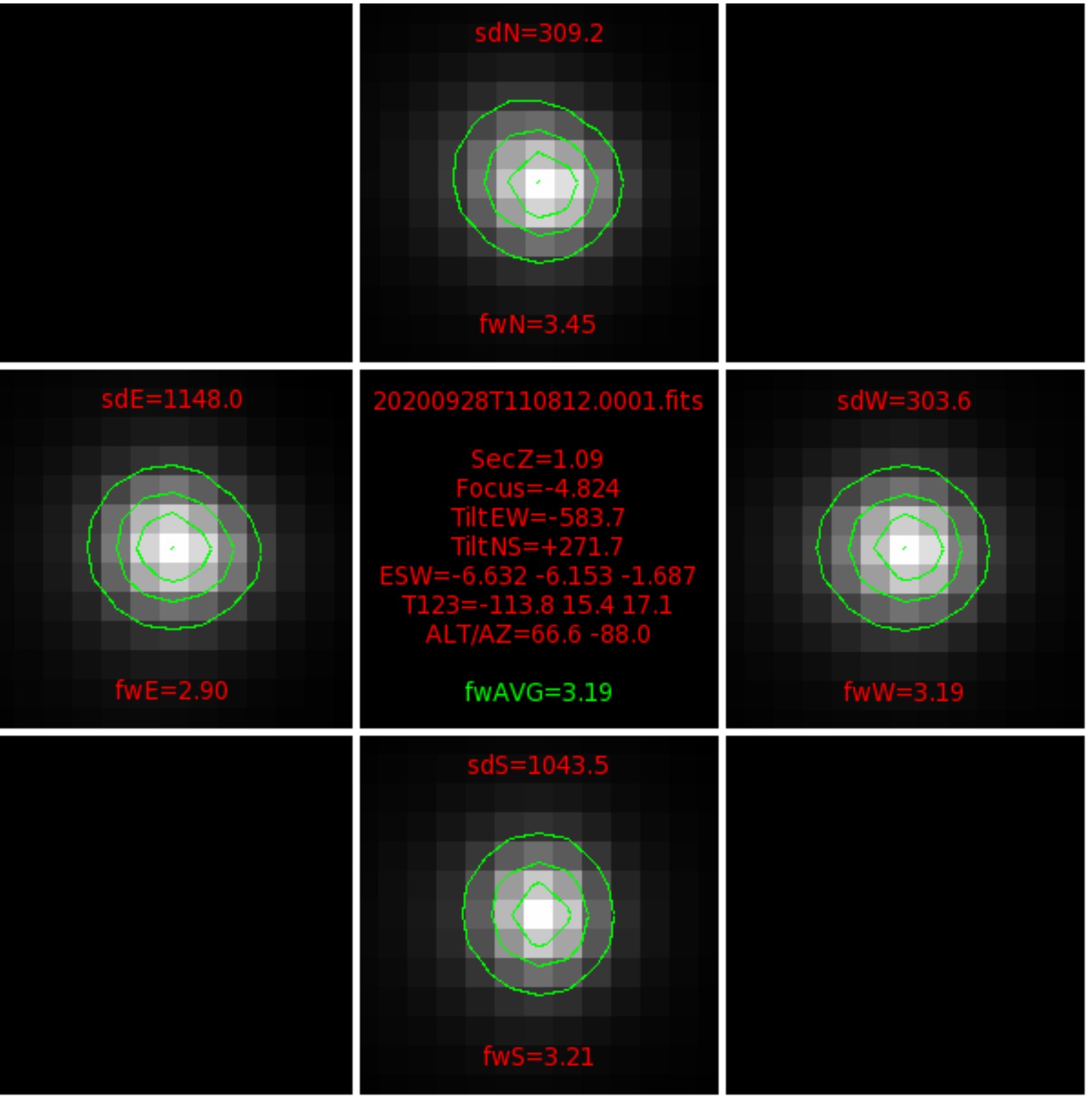

sdN=475.4
fwN=3.33
sdE=1452.1
fwE=3.09
20200928T110634.0001.fits
SecZ=1.08
Focus=-4.844
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.652 -6.173 -1.707
T123=-113.6 15.6 17.3
ALT/AZ=67.2 -86.5
fwAVG=3.18
sdW=369.4
fwW=3.18
sdS=909.6
fwS=3.14
0 0 0 0 0 0 0 0 0


sdN=309.2
fwN=3.45
sdE=1148.0
fwE=2.90
20200928T110812.0001.fits
SecZ=1.09
Focus=-4.824
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.632 -6.153 -1.687
T123=-113.8 15.4 17.1
ALT/AZ=66.6 -88.0
fwAVG=3.19
sdW=303.6
fwW=3.19
sdS=1043.5
fwS=3.21
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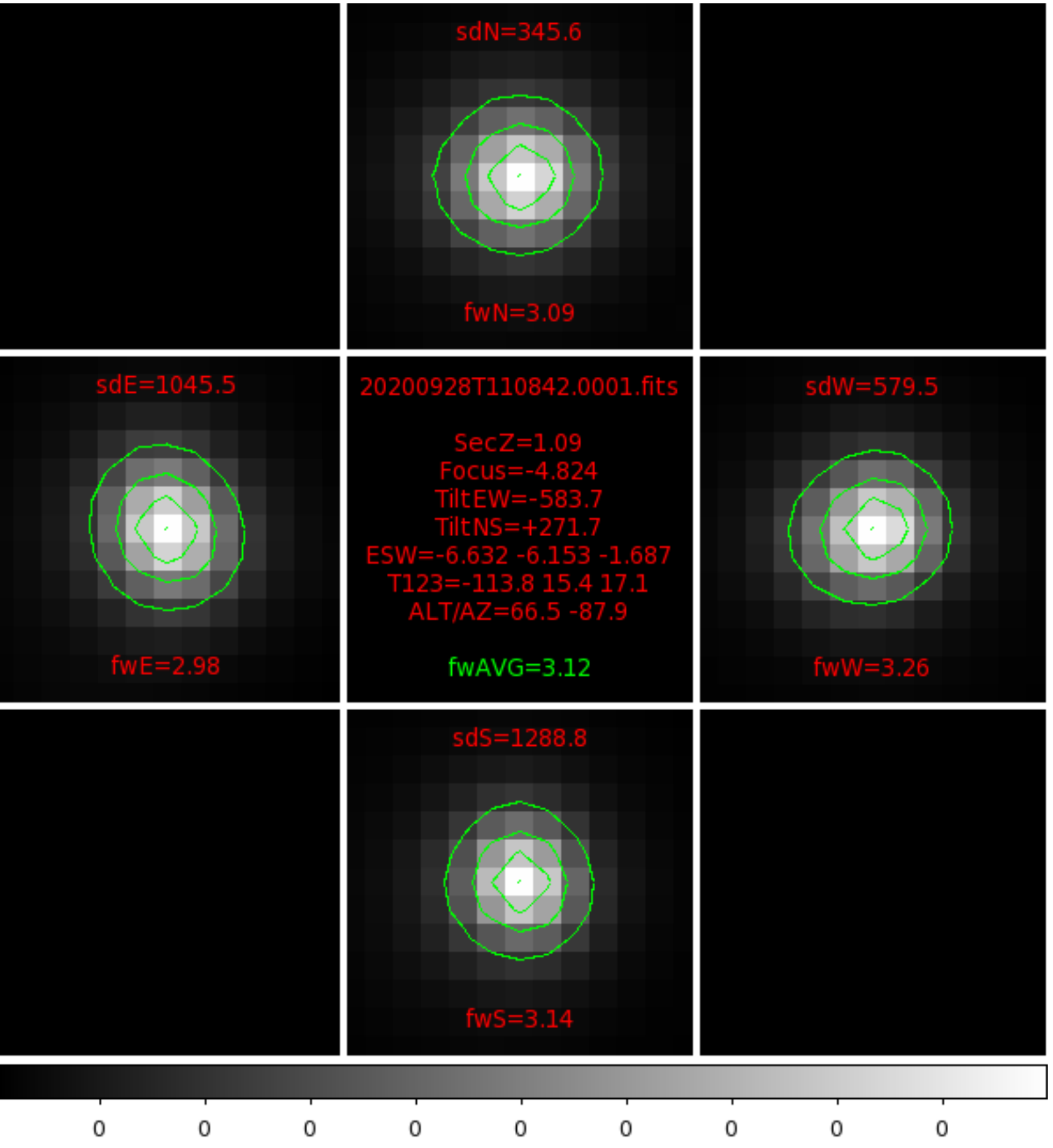
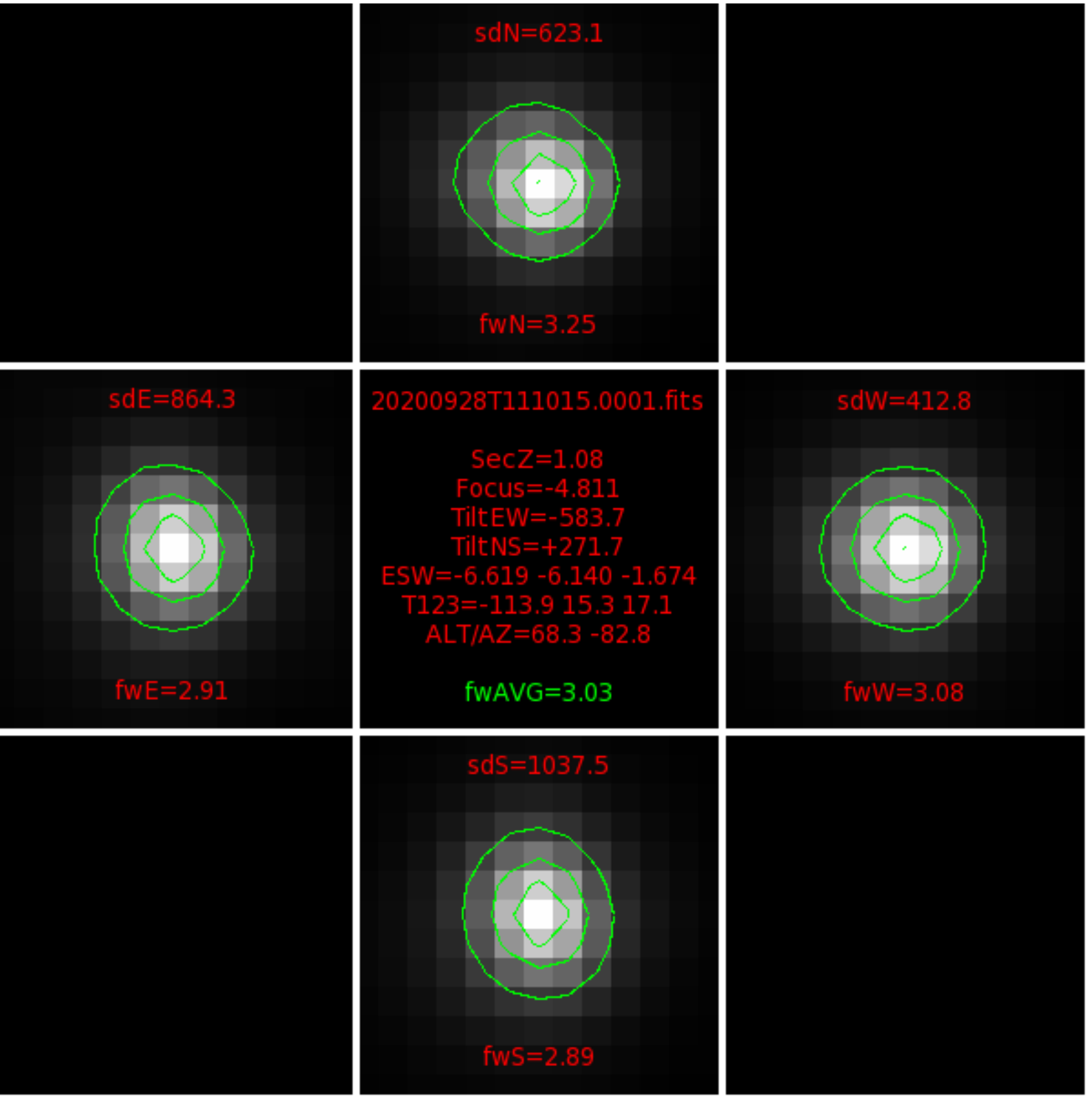

sdN=345.6
fwN=3.09
sdE=1045.5
fwE=2.98
20200928T110842.0001.fits
SecZ=1.09
Focus=-4.824
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.632 -6.153 -1.687
T123=-113.8 15.4 17.1
ALT/AZ=66.5 -87.9
fwAVG=3.12
sdW=579.5
fwW=3.26
sdS=1288.8
fwS=3.14
0 0 0 0 0 0 0 0 0


sdN=623.1
fwN=3.25
sdE=864.3
fwE=2.91
20200928T111015.0001.fits
SecZ=1.08
Focus=-4.811
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.619 -6.140 -1.674
T123=-113.9 15.3 17.1
ALT/AZ=68.3 -82.8
fwAVG=3.03
sdW=412.8
fwW=3.08
sdS=1037.5
fwS=2.89
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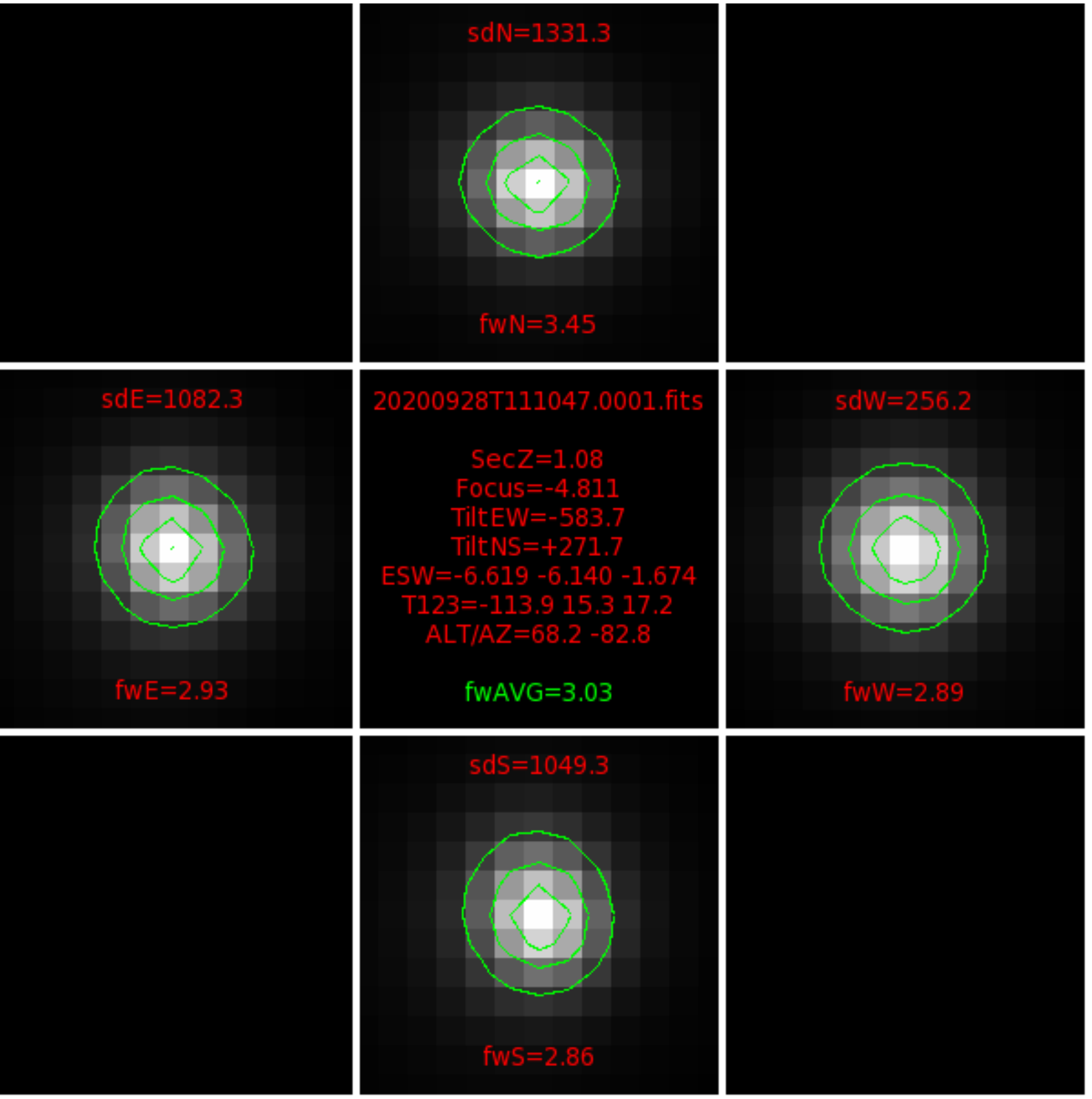
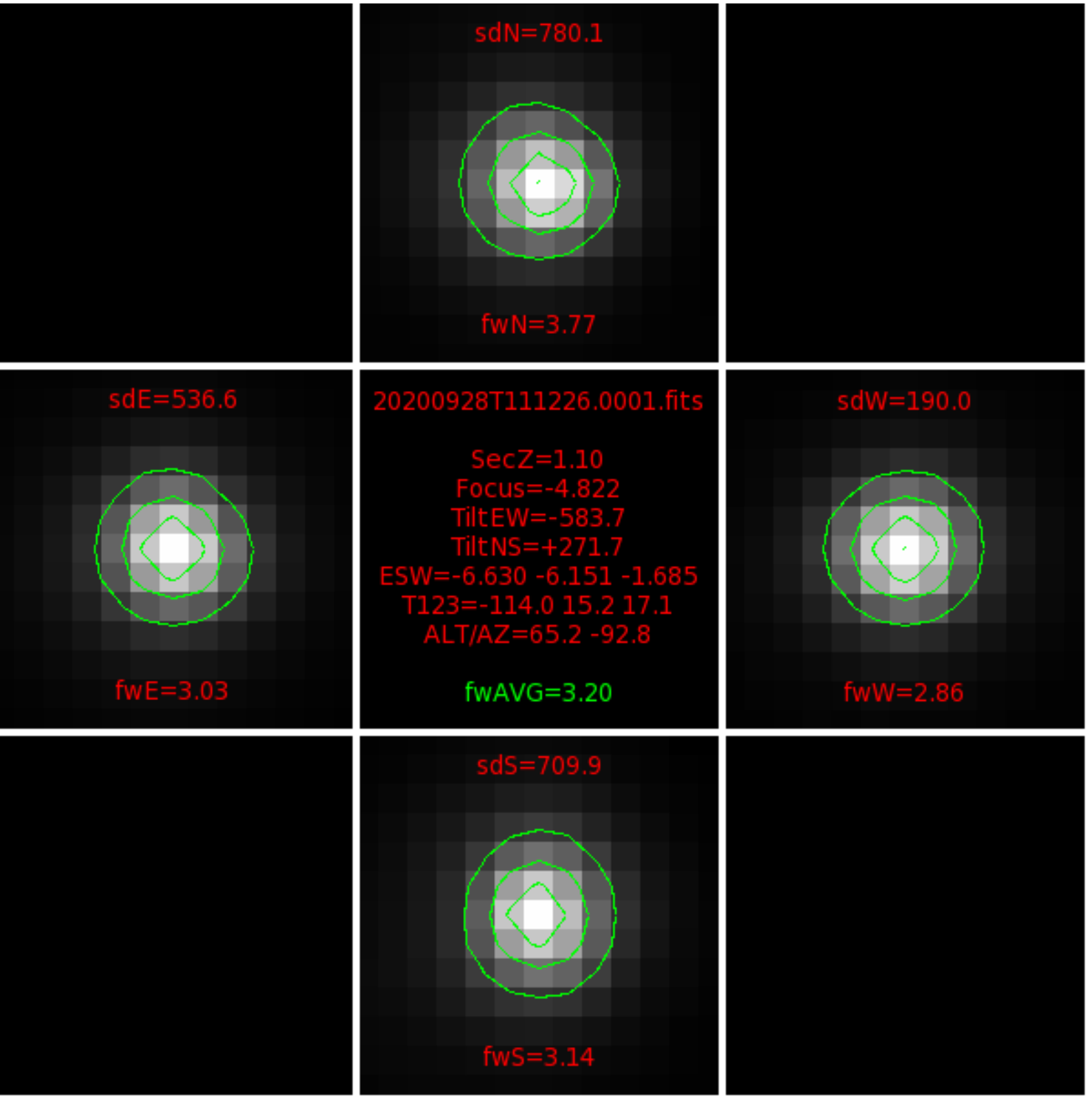
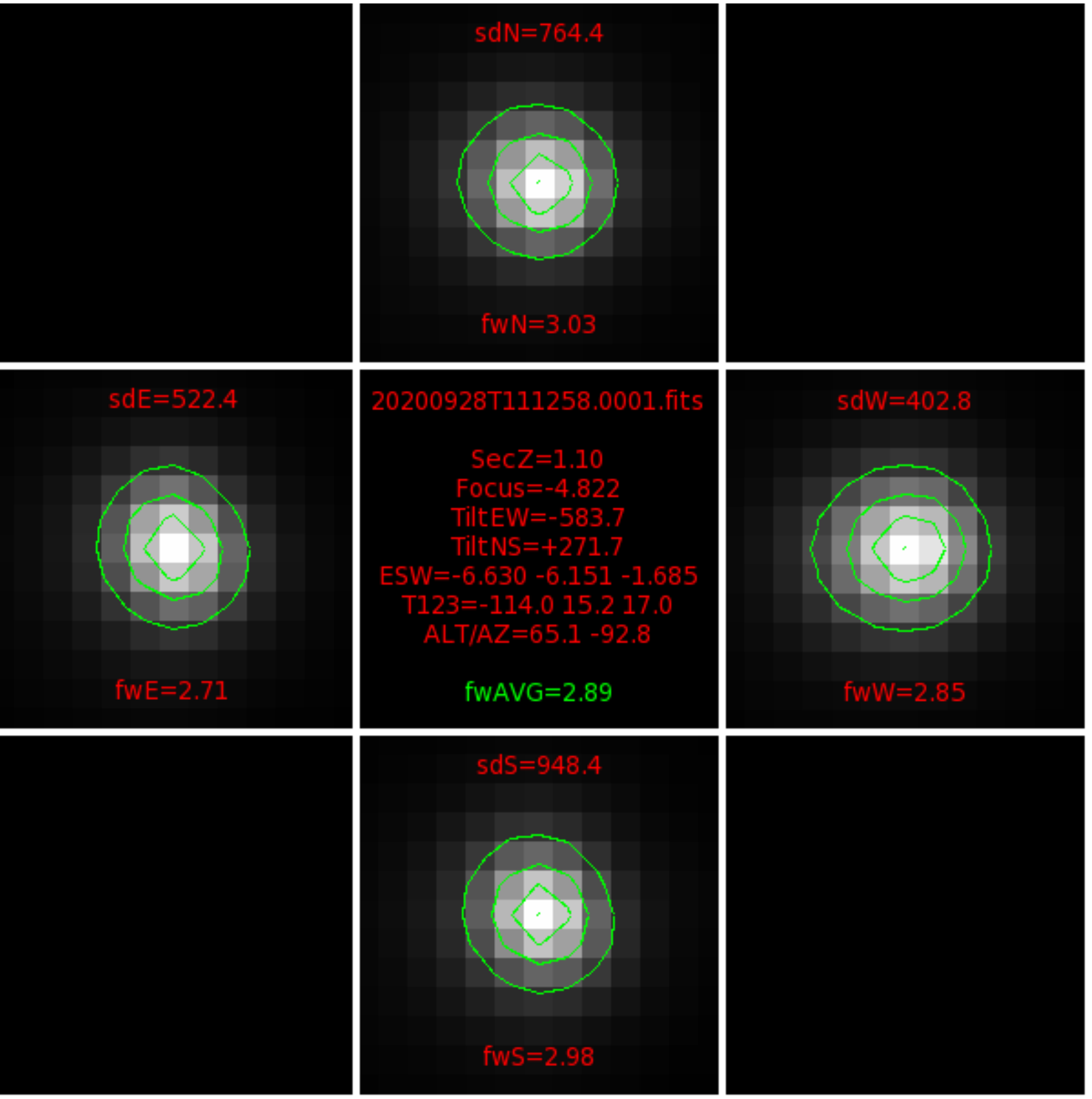

sdN=1331.3
fwN=3.45
sdE=1082.3
fwE=2.93
20200928T111047.0001.fits
SecZ=1.08
Focus=-4.811
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.619 -6.140 -1.674
T123=-113.9 15.3 17.2
ALT/AZ=68.2 -82.8
fwAVG=3.03
sdW=256.2
fwW=2.89
sdS=1049.3
fwS=2.86
0 0 0 0 0 0 0 0 0


sdN=780.1
fwN=3.77
sdE=536.6
fwE=3.03
20200928T111226.0001.fits
SecZ=1.10
Focus=-4.822
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.630 -6.151 -1.685
T123=-114.0 15.2 17.1
ALT/AZ=65.2 -92.8
fwAVG=3.20
sdW=190.0
fwW=2.86
sdS=709.9
fwS=3.14
0 0 0 0 0 0 0 0 0


sdN=764.4
fwN=3.03
sdE=522.4
fwE=2.71
20200928T111258.0001.fits
SecZ=1.10
Focus=-4.822
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.630 -6.151 -1.685
T123=-114.0 15.2 17.0
ALT/AZ=65.1 -92.8
fwAVG=2.89
sdW=402.8
fwW=2.85
sdS=948.4
fwS=2.98
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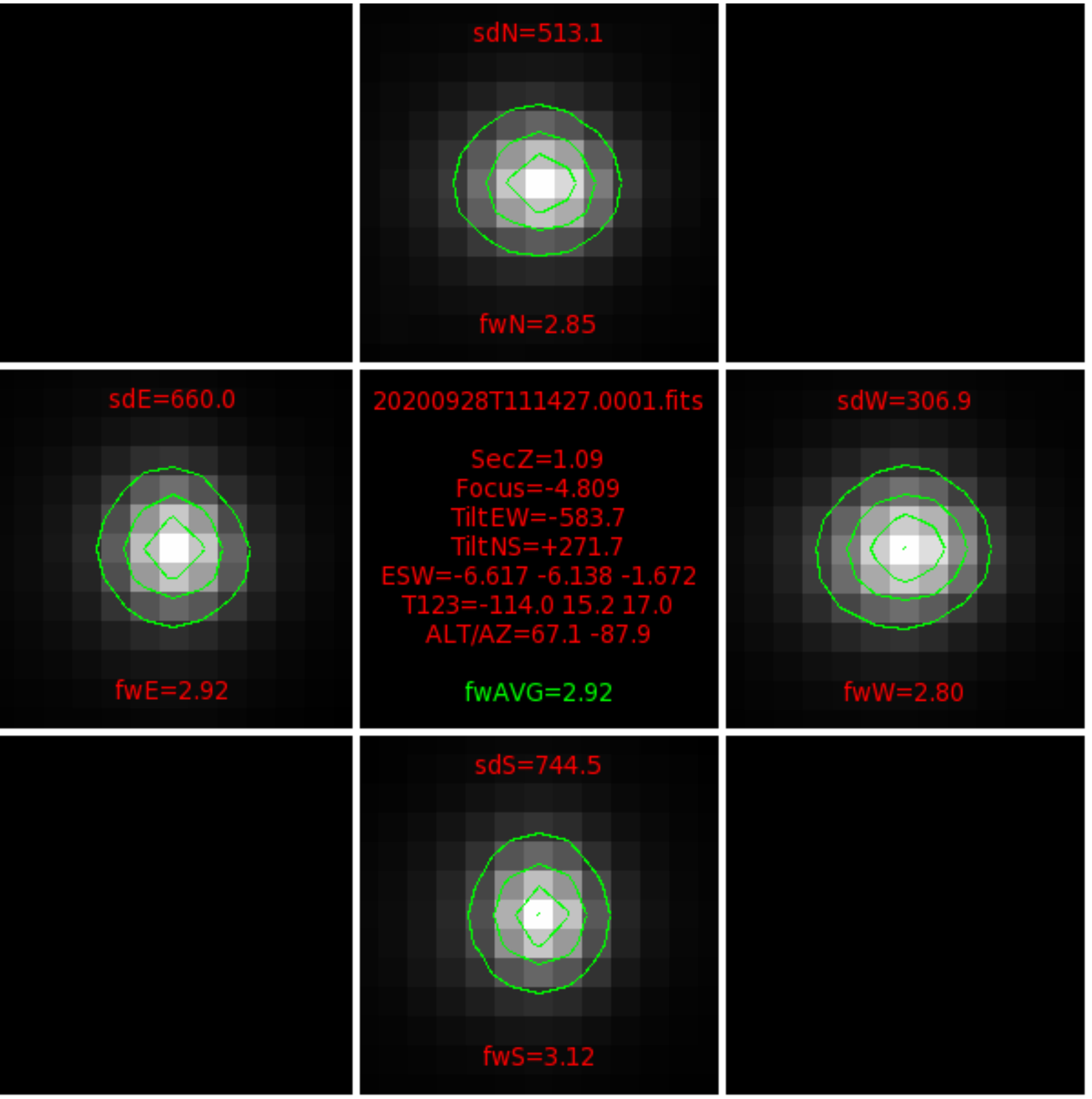
sdN=513.1
fwN=2.85
sdE=660.0
fwE=2.92
20200928T111427.0001.fits
SecZ=1.09
Focus=-4.809
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.617 -6.138 -1.672
T123=-114.0 15.2 17.0
ALT/AZ=67.1 -87.9
fwAVG=2.92
sdW=306.9
fwW=2.80
sdS=744.5
fwS=3.12
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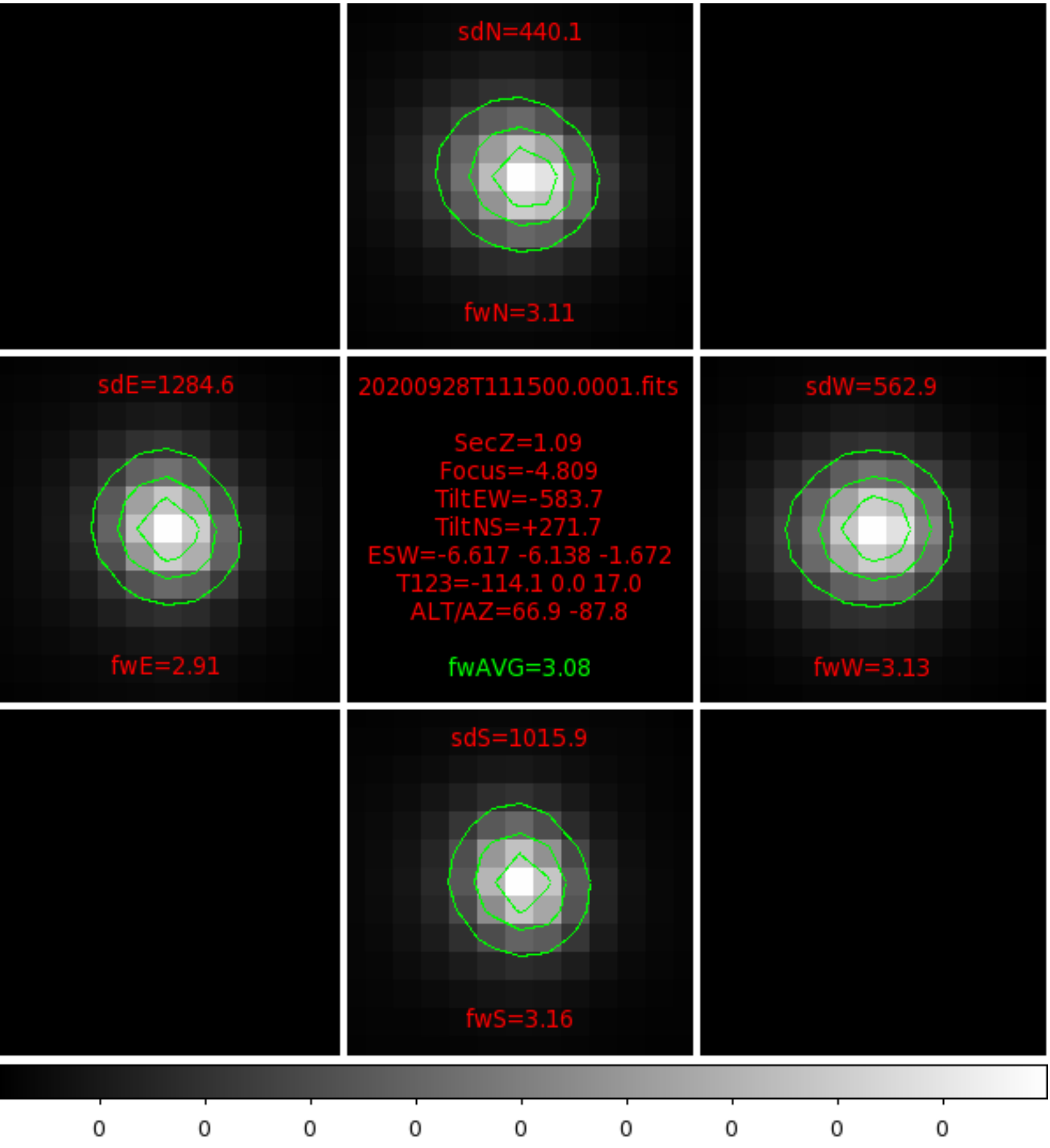
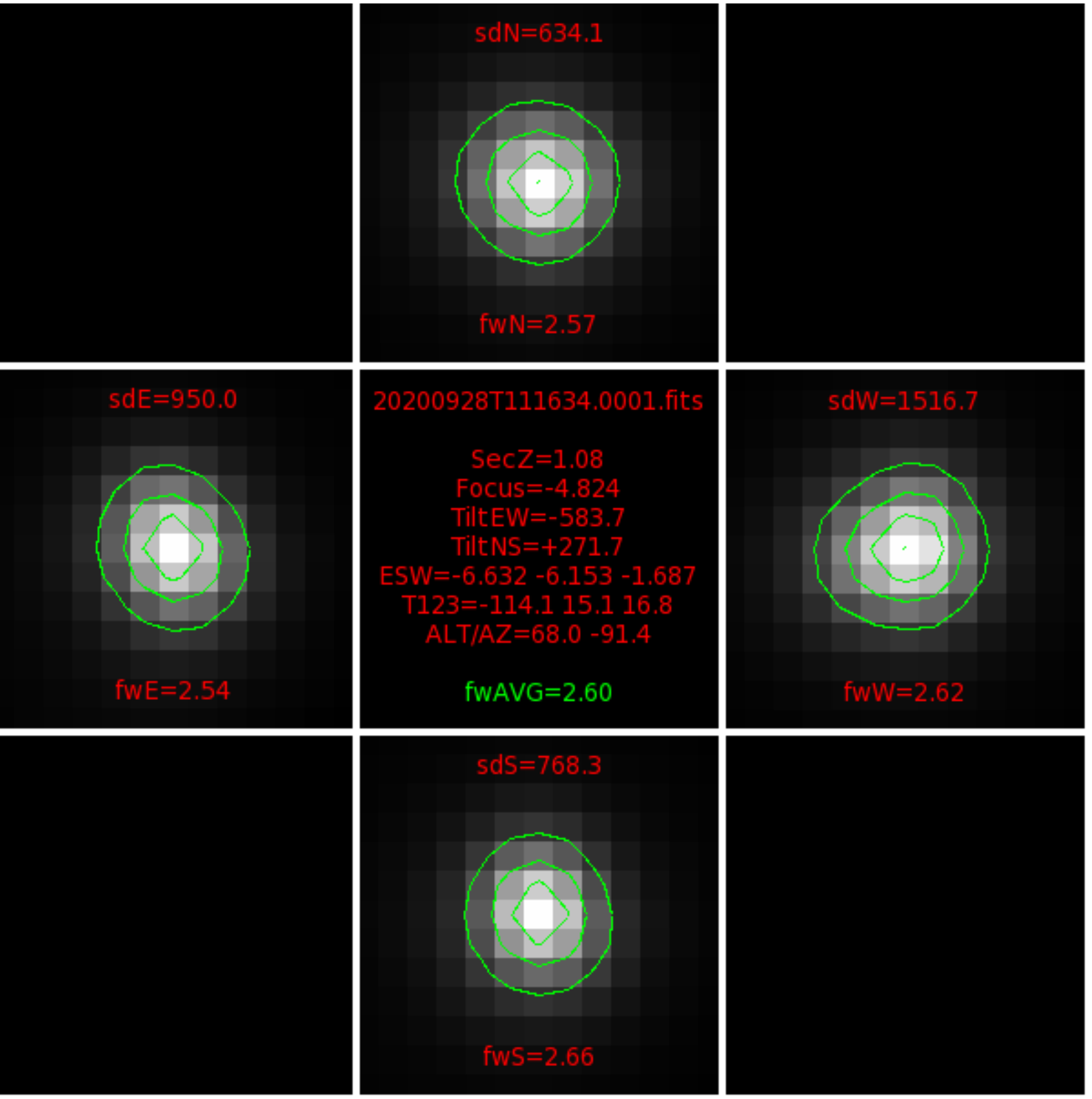

sdN=440.1
fwN=3.11
sdE=1284.6
fwE=2.91
20200928T111500.0001.fits
SecZ=1.09
Focus=-4.809
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.617 -6.138 -1.672
T123=-114.1 0.0 17.0
ALT/AZ=66.9 -87.8
fwAVG=3.08
sdW=562.9
fwW=3.13
sdS=1015.9
fwS=3.16
0 0 0 0 0 0 0 0 0


sdN=634.1
fwN=2.57
sdE=950.0
fwE=2.54
20200928T111634.0001.fits
SecZ=1.08
Focus=-4.824
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.632 -6.153 -1.687
T123=-114.1 15.1 16.8
ALT/AZ=68.0 -91.4
fwAVG=2.60
sdW=1516.7
fwW=2.62
sdS=768.3
fwS=2.66
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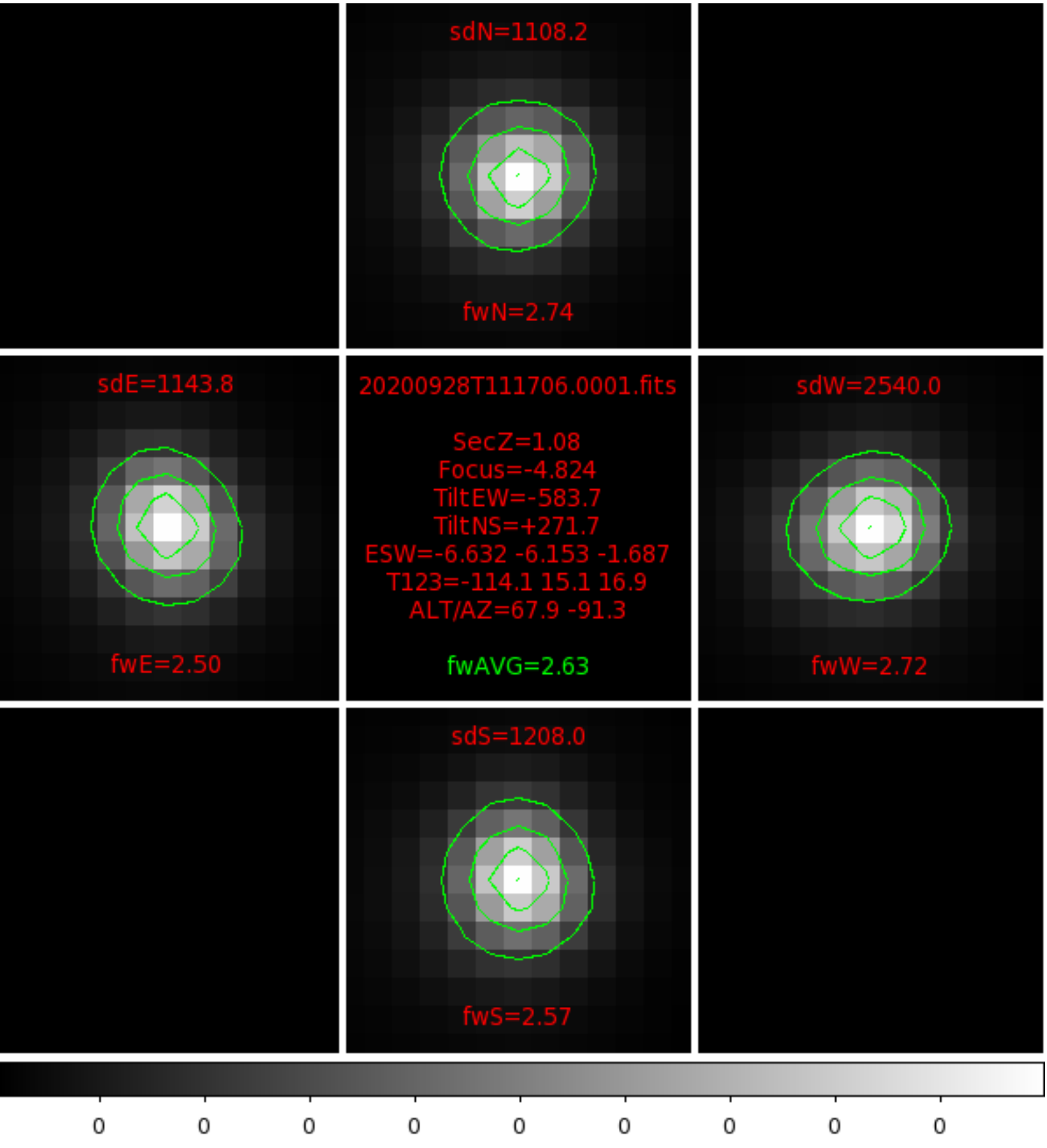
sdN=1108.2
fwN=2.74
sdE=1143.8
fwE=2.50
20200928T111706.0001.fits
SecZ=1.08
Focus=-4.824
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.632 -6.153 -1.687
T123=-114.1 15.1 16.9
ALT/AZ=67.9 -91.3
fwAVG=2.63
sdW=2540.0
fwW=2.72
sdS=1208.0
fwS=2.57
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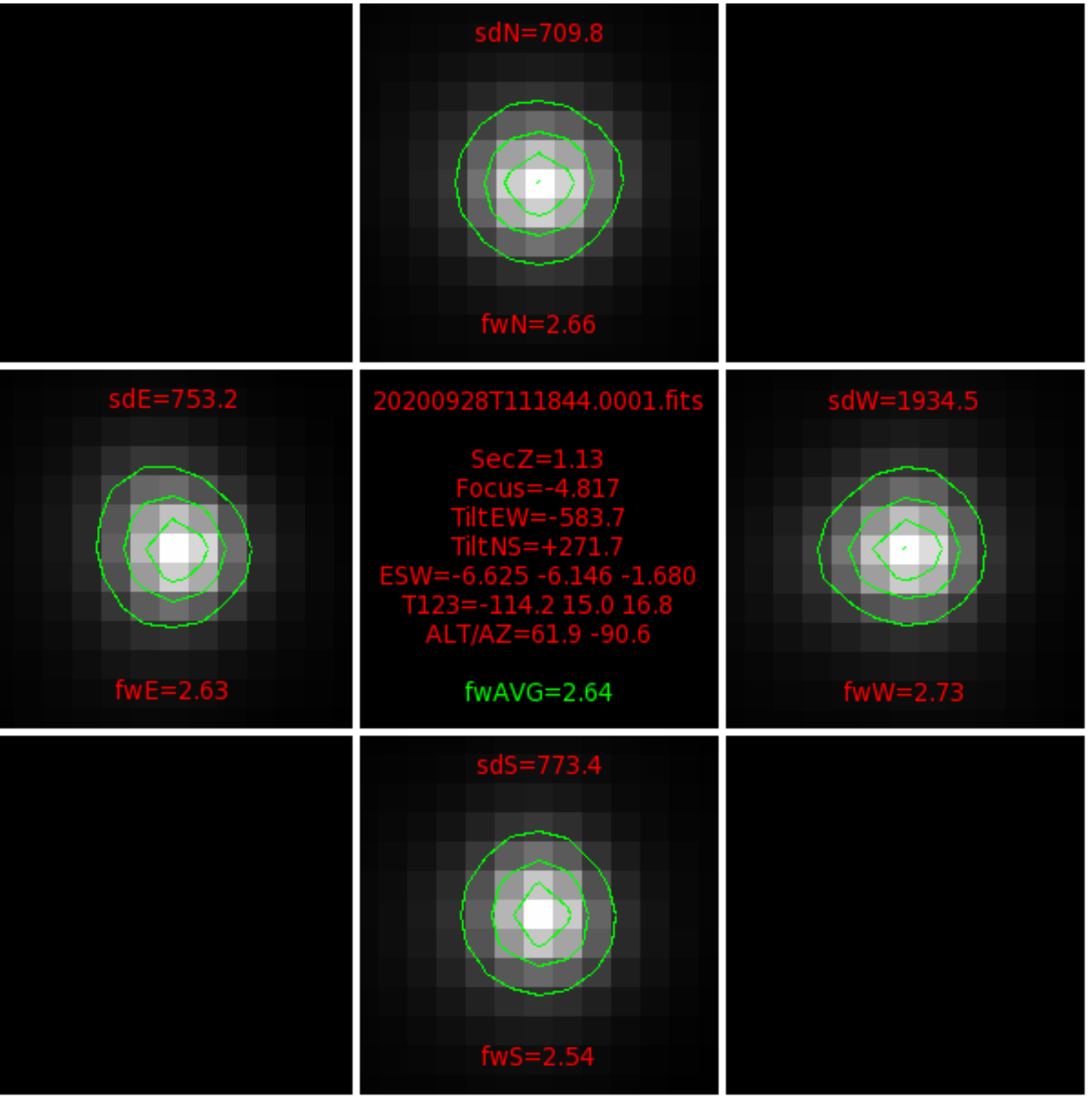
sdN=709.8
fwN=2.66
sdE=753.2
fwE=2.63
20200928T111844.0001.fits
SecZ=1.13
Focus=-4.817
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.625 -6.146 -1.680
T123=-114.2 15.0 16.8
ALT/AZ=61.9 -90.6
fwAVG=2.64
sdW=1934.5
fwW=2.73
sdS=773.4
fwS=2.54
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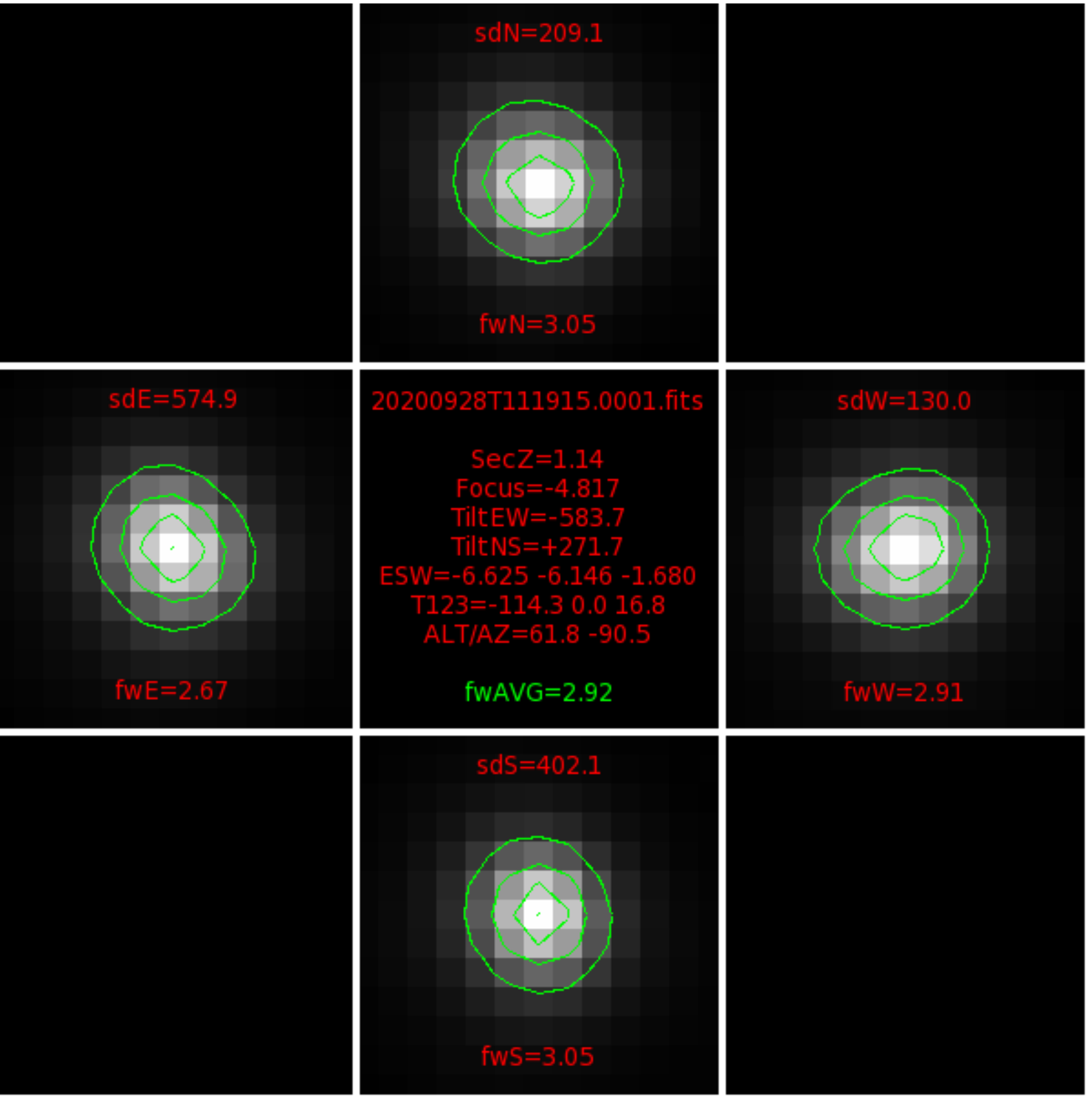
sdN=209.1
fwN=3.05
sdE=574.9
fwE=2.67
20200928T111915.0001.fits
SecZ=1.14
Focus=-4.817
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.625 -6.146 -1.680
T123=-114.3 0.0 16.8
ALT/AZ=61.8 -90.5
fwAVG=2.92
sdW=130.0
fwW=2.91
sdS=402.1
fwS=3.05
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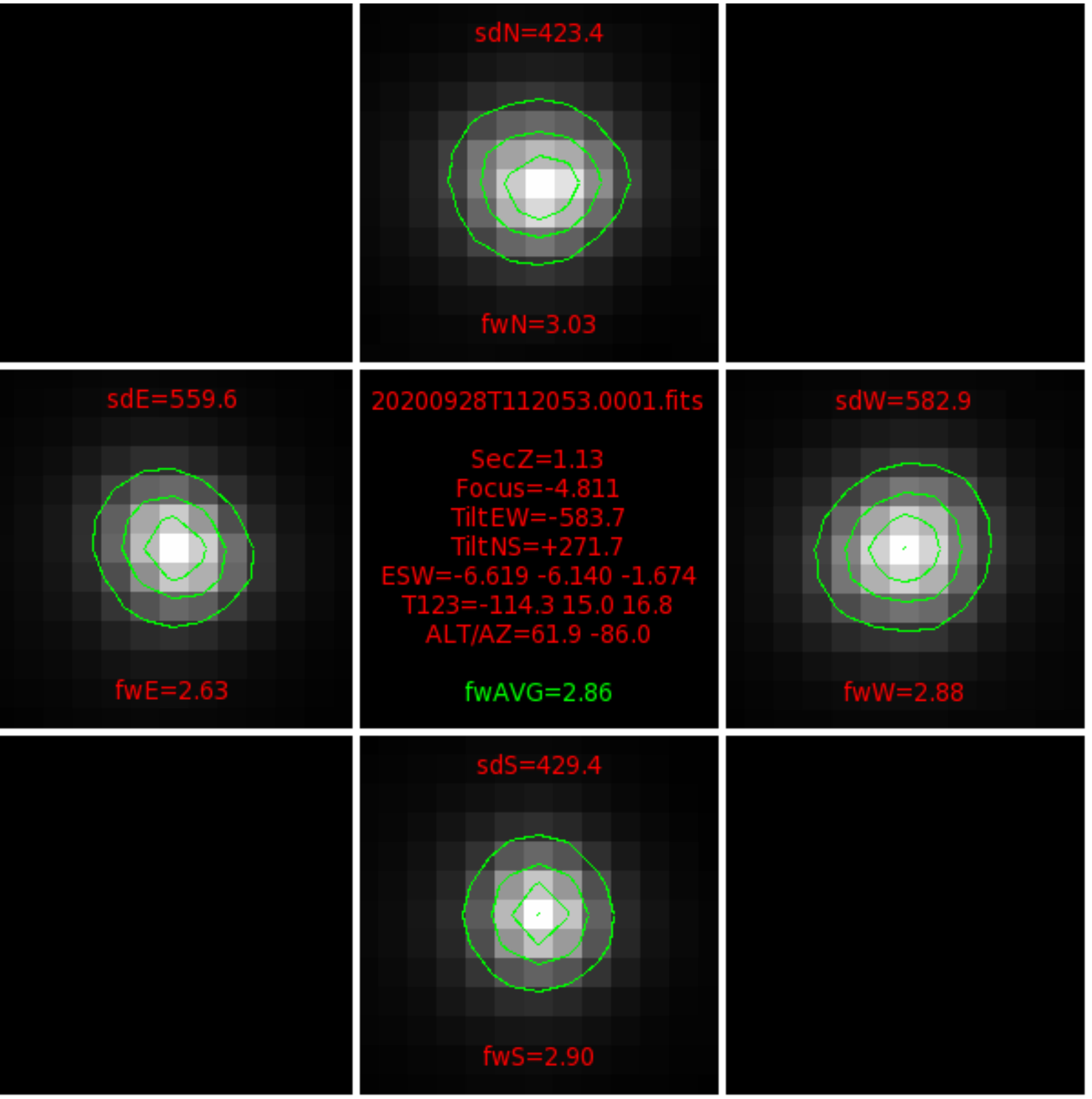
sdN=423.4
fwN=3.03
sdE=559.6
fwE=2.63
20200928T112053.0001.fits
SecZ=1.13
Focus=-4.811
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.619 -6.140 -1.674
T123=-114.3 15.0 16.8
ALT/AZ=61.9 -86.0
fwAVG=2.86
sdW=582.9
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sdS=429.4
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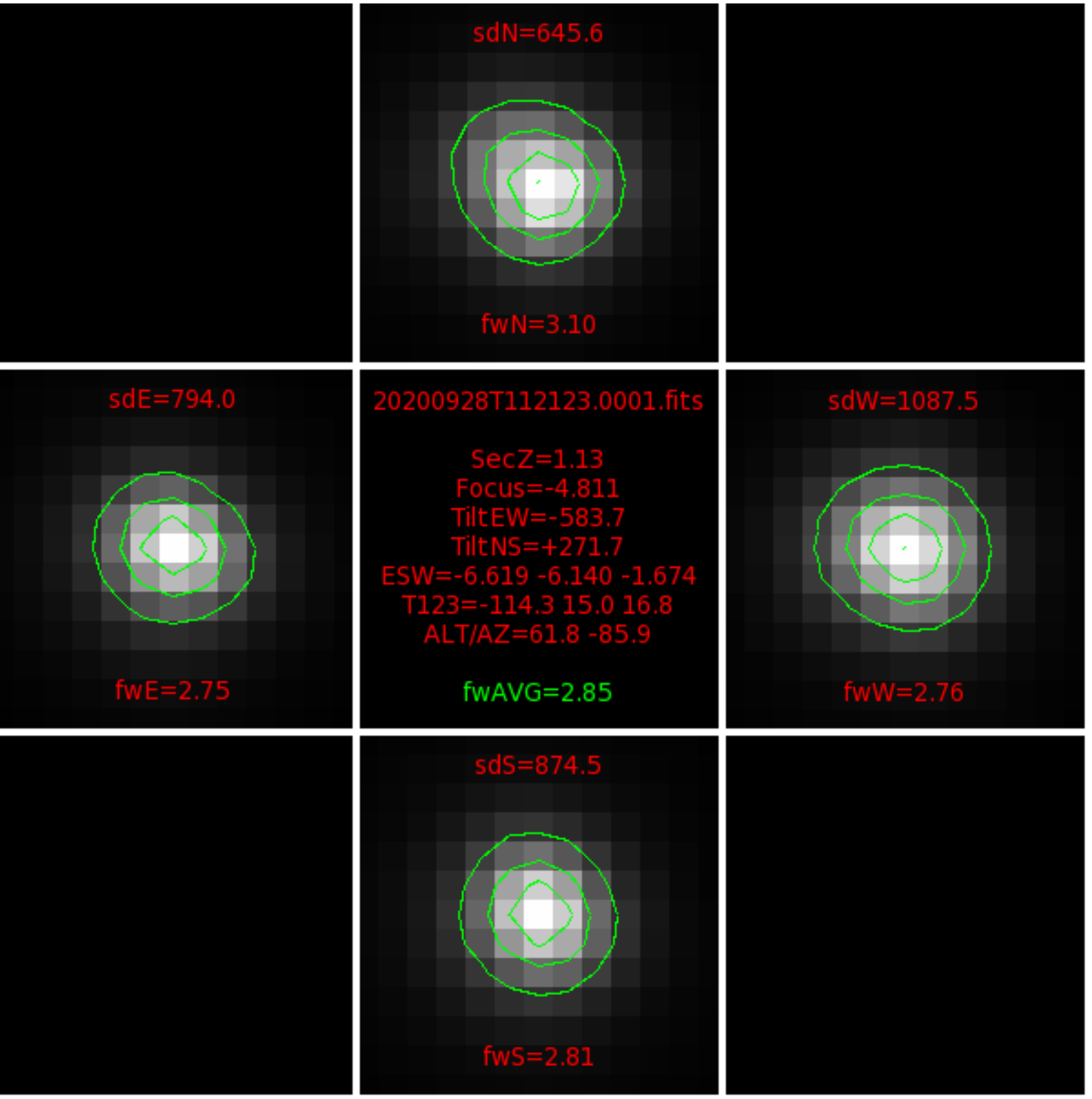
sdN=645.6
fwN=3.10
sdE=794.0
fwE=2.75
20200928T112123.0001.fits
SecZ=1.13
Focus=-4.811
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.619 -6.140 -1.674
T123=-114.3 15.0 16.8
ALT/AZ=61.8 -85.9
fwAVG=2.85
sdW=1087.5
fwW=2.76
sdS=874.5
fwS=2.81
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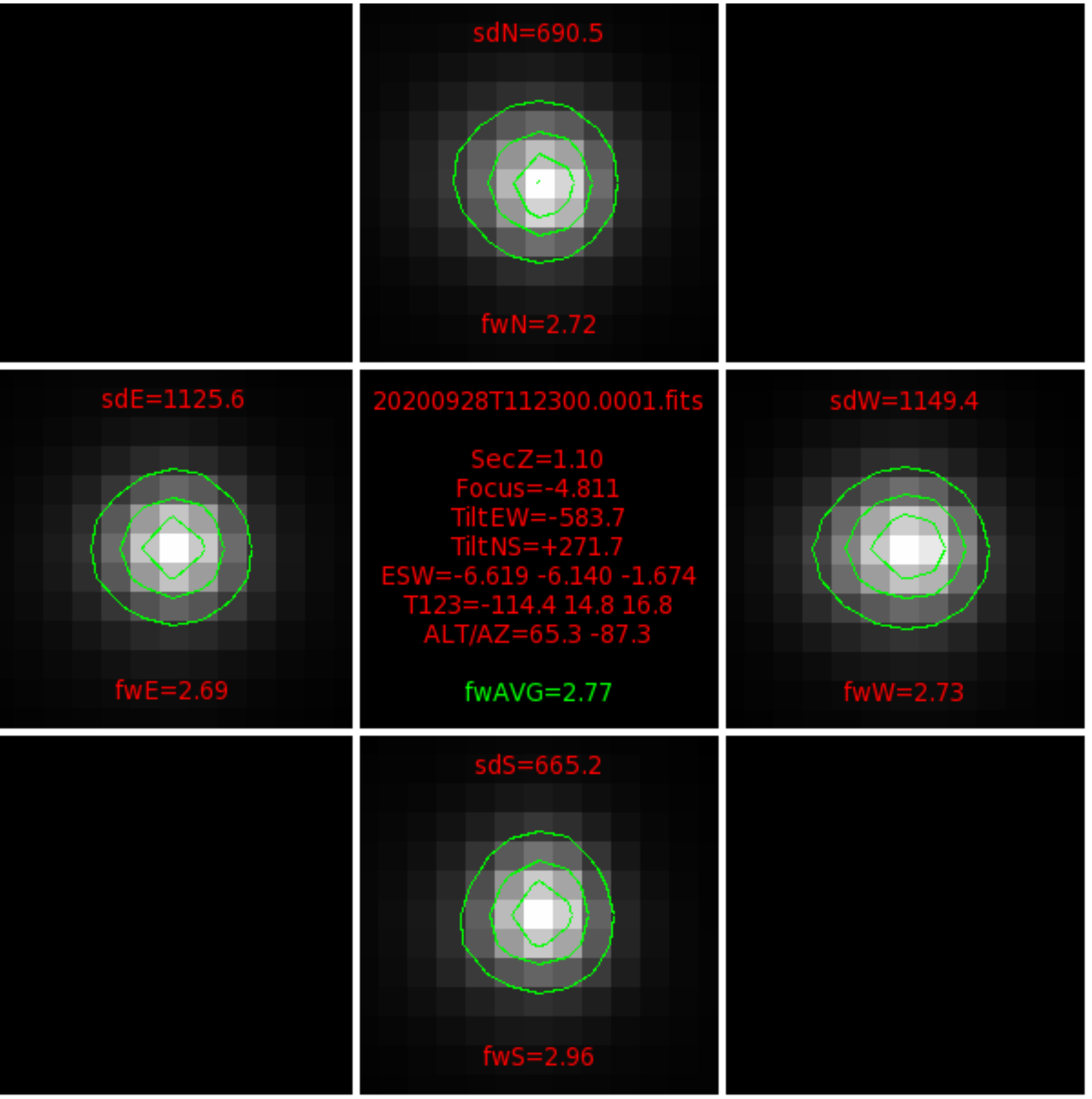
sdN=690.5
fwN=2.72
sdE=1125.6
fwE=2.69
20200928T112300.0001.fits
SecZ=1.10
Focus=-4.811
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.619 -6.140 -1.674
T123=-114.4 14.8 16.8
ALT/AZ=65.3 -87.3
fwAVG=2.77
sdW=1149.4
fwW=2.73
sdS=665.2
fwS=2.96
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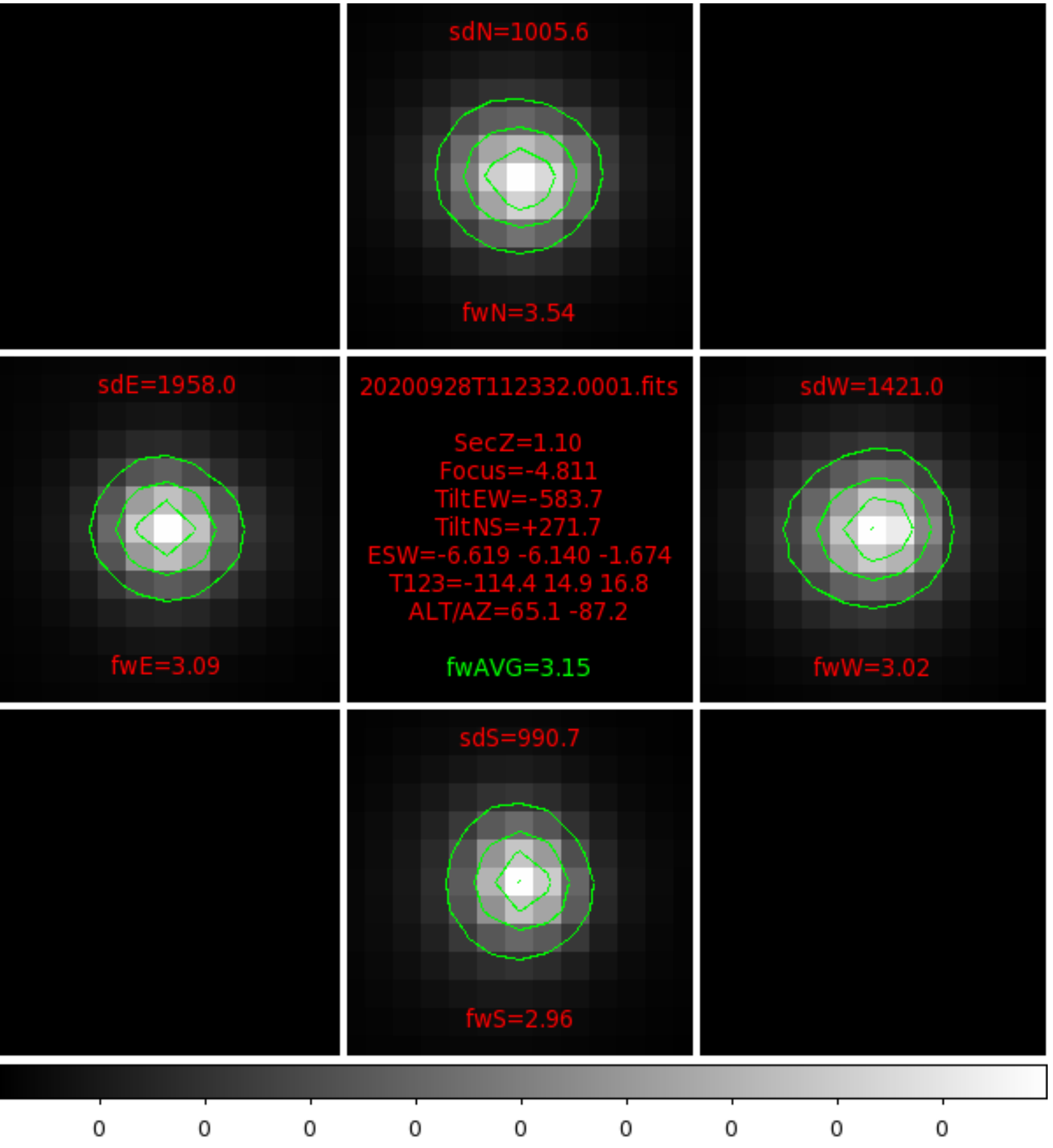
sdN=1005.6
fwN=3.54
sdE=1958.0
fwE=3.09
20200928T112332.0001.fits
SecZ=1.10
Focus=-4.811
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.619 -6.140 -1.674
T123=-114.4 14.9 16.8
ALT/AZ=65.1 -87.2
fwAVG=3.15
sdW=1421.0
fwW=3.02
sdS=990.7
fwS=2.96
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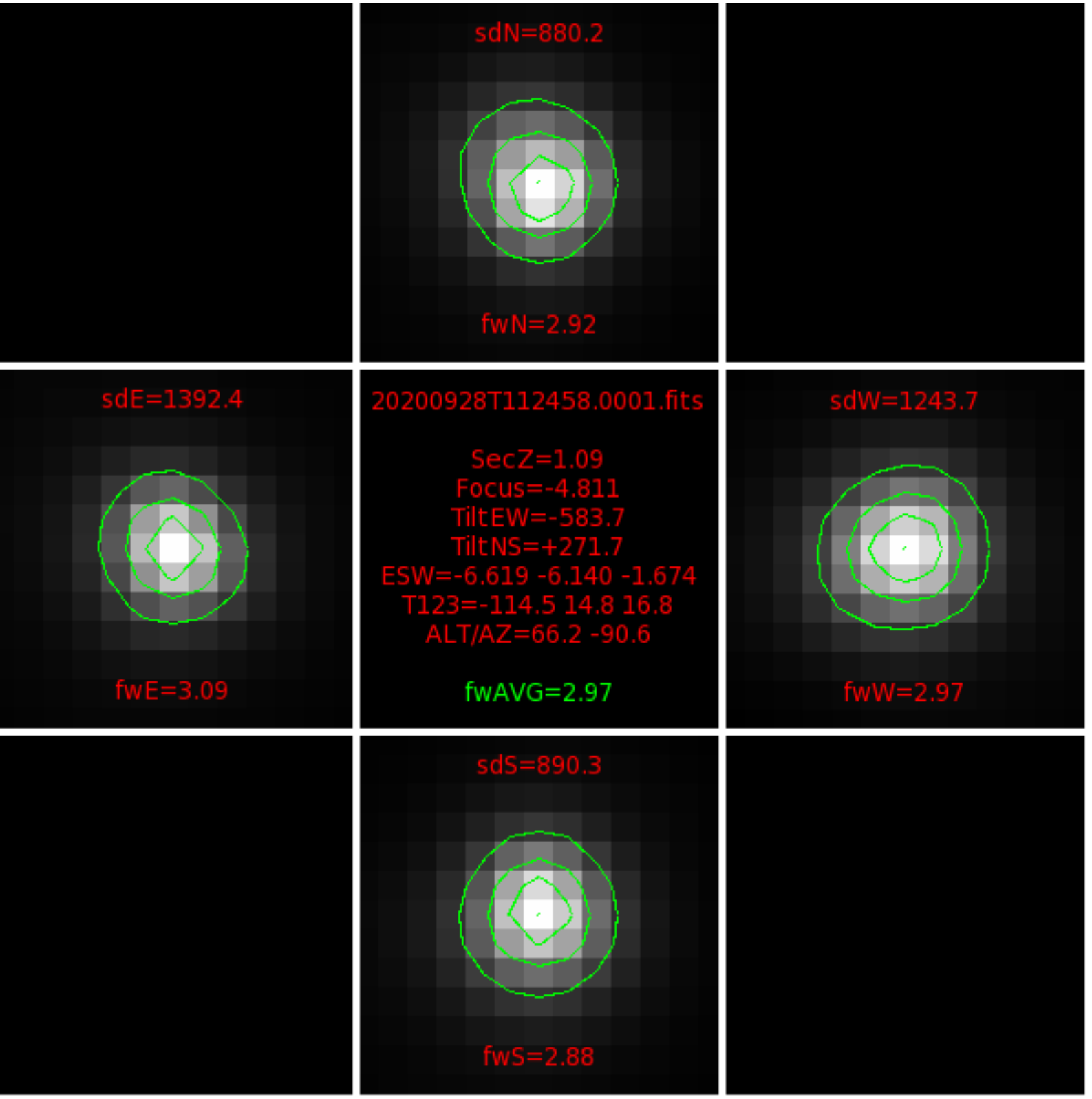
sdN=880.2
fwN=2.92
sdE=1392.4
fwE=3.09
20200928T112458.0001.fits
SecZ=1.09
Focus=-4.811
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.619 -6.140 -1.674
T123=-114.5 14.8 16.8
ALT/AZ=66.2 -90.6
fwAVG=2.97
sdW=1243.7
fwW=2.97
sdS=890.3
fwS=2.88
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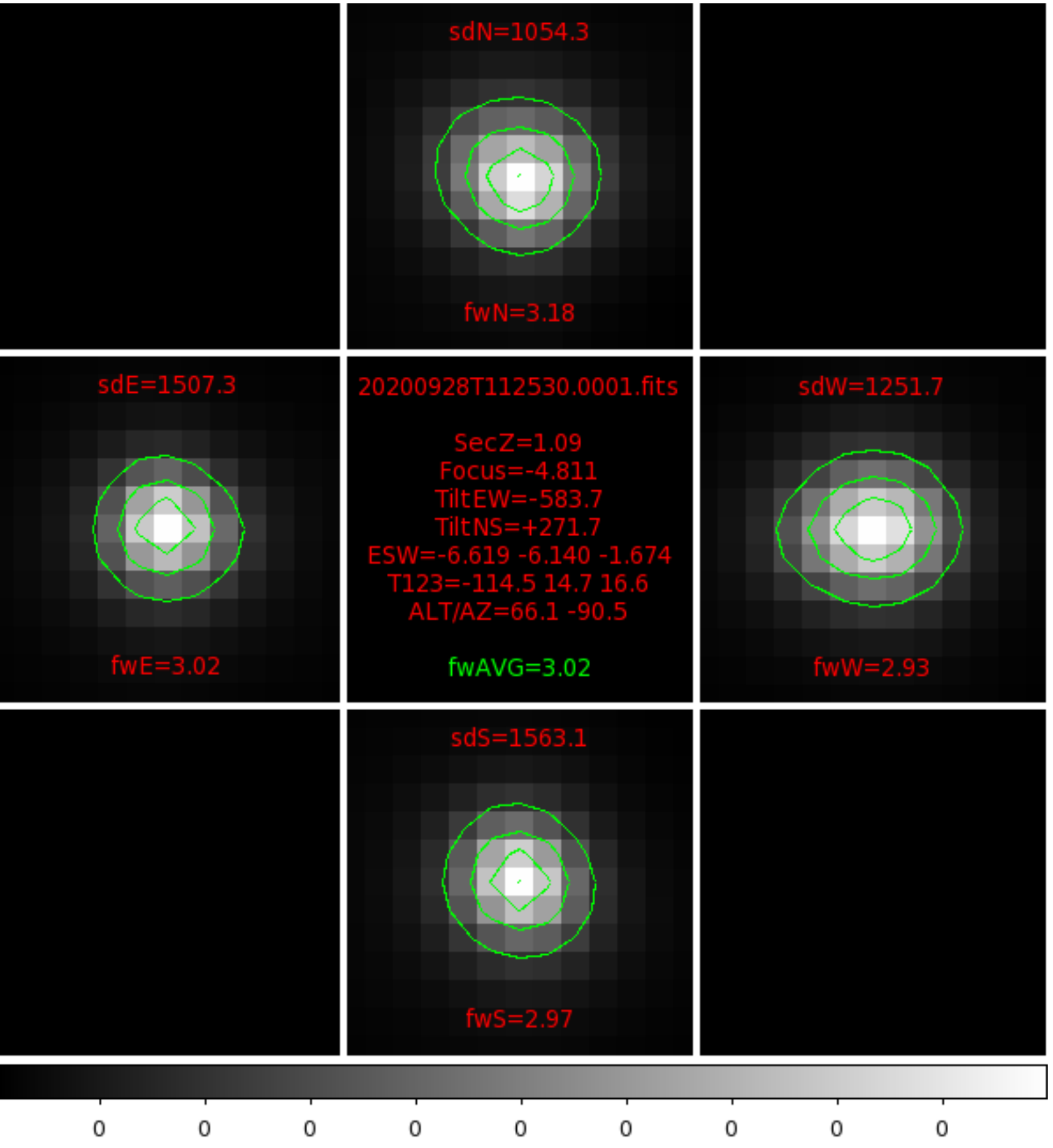
sdN=1054.3
fwN=3.18
sdE=1507.3
fwE=3.02
20200928T112530.0001.fits
SecZ=1.09
Focus=-4.811
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.619 -6.140 -1.674
T123=-114.5 14.7 16.6
ALT/AZ=66.1 -90.5
fwAVG=3.02
sdW=1251.7
fwW=2.93
sdS=1563.1
fwS=2.97
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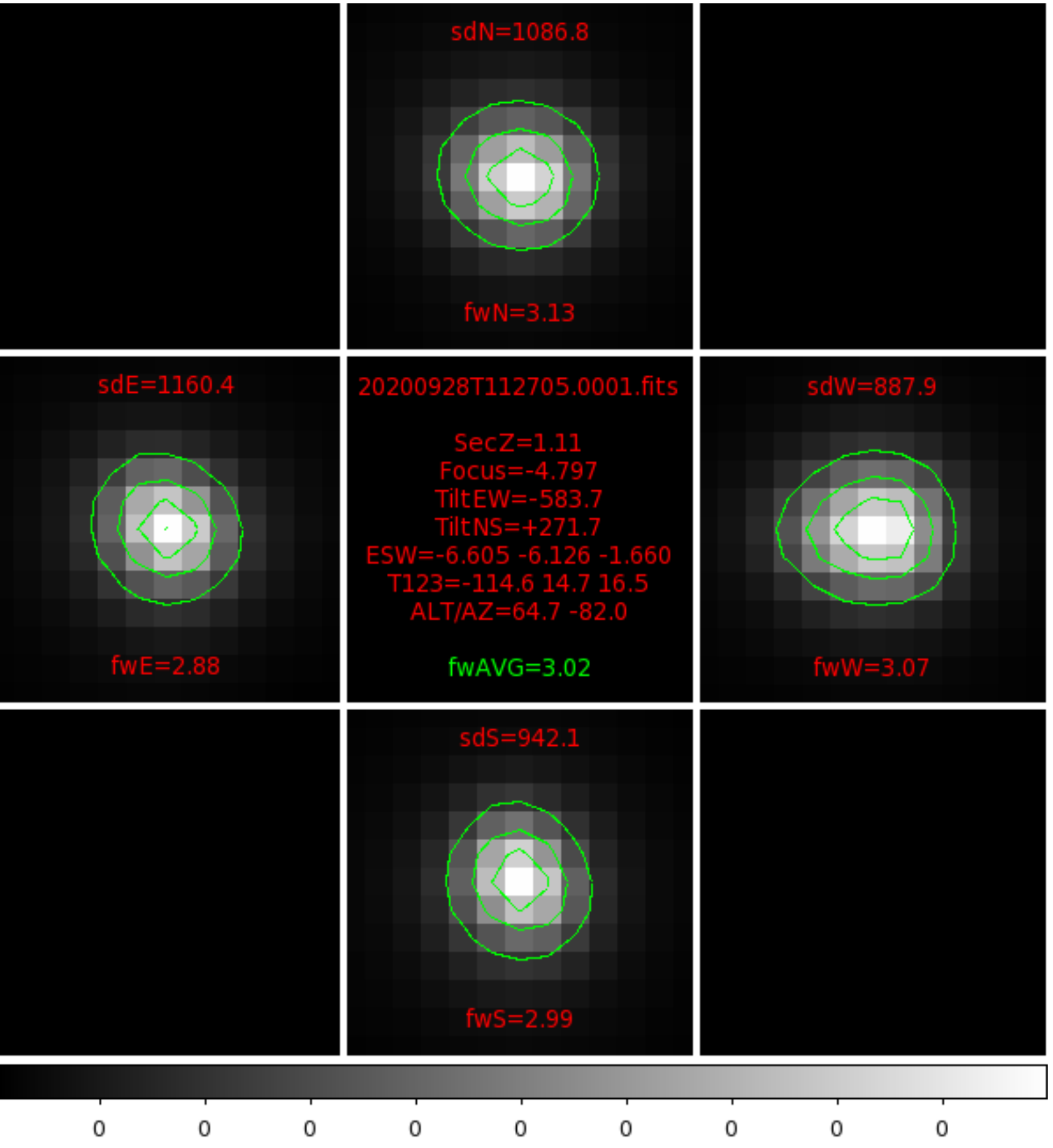
sdN=1086.8
fwN=3.13
sdE=1160.4
fwE=2.88
20200928T112705.0001.fits
SecZ=1.11
Focus=-4.797
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.605 -6.126 -1.660
T123=-114.6 14.7 16.5
ALT/AZ=64.7 -82.0
fwAVG=3.02
sdW=887.9
fwW=3.07
sdS=942.1
fwS=2.99
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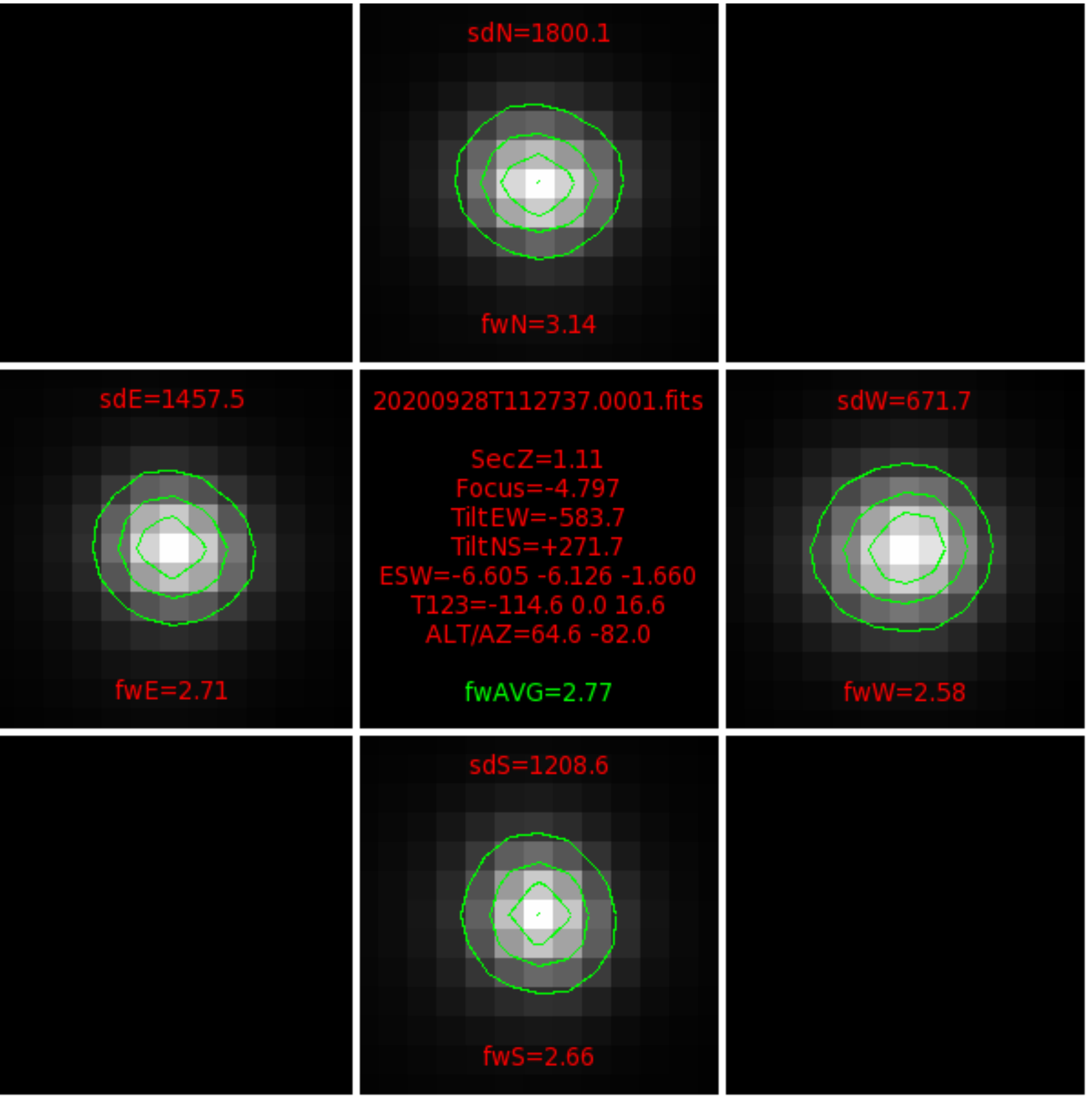
sdN=1800.1
fwN=3.14
sdE=1457.5
fwE=2.71
20200928T112737.0001.fits
SecZ=1.11
Focus=-4.797
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.605 -6.126 -1.660
T123=-114.6 0.0 16.6
ALT/AZ=64.6 -82.0
fwAVG=2.77
sdW=671.7
fwW=2.58
sdS=1208.6
fwS=2.66
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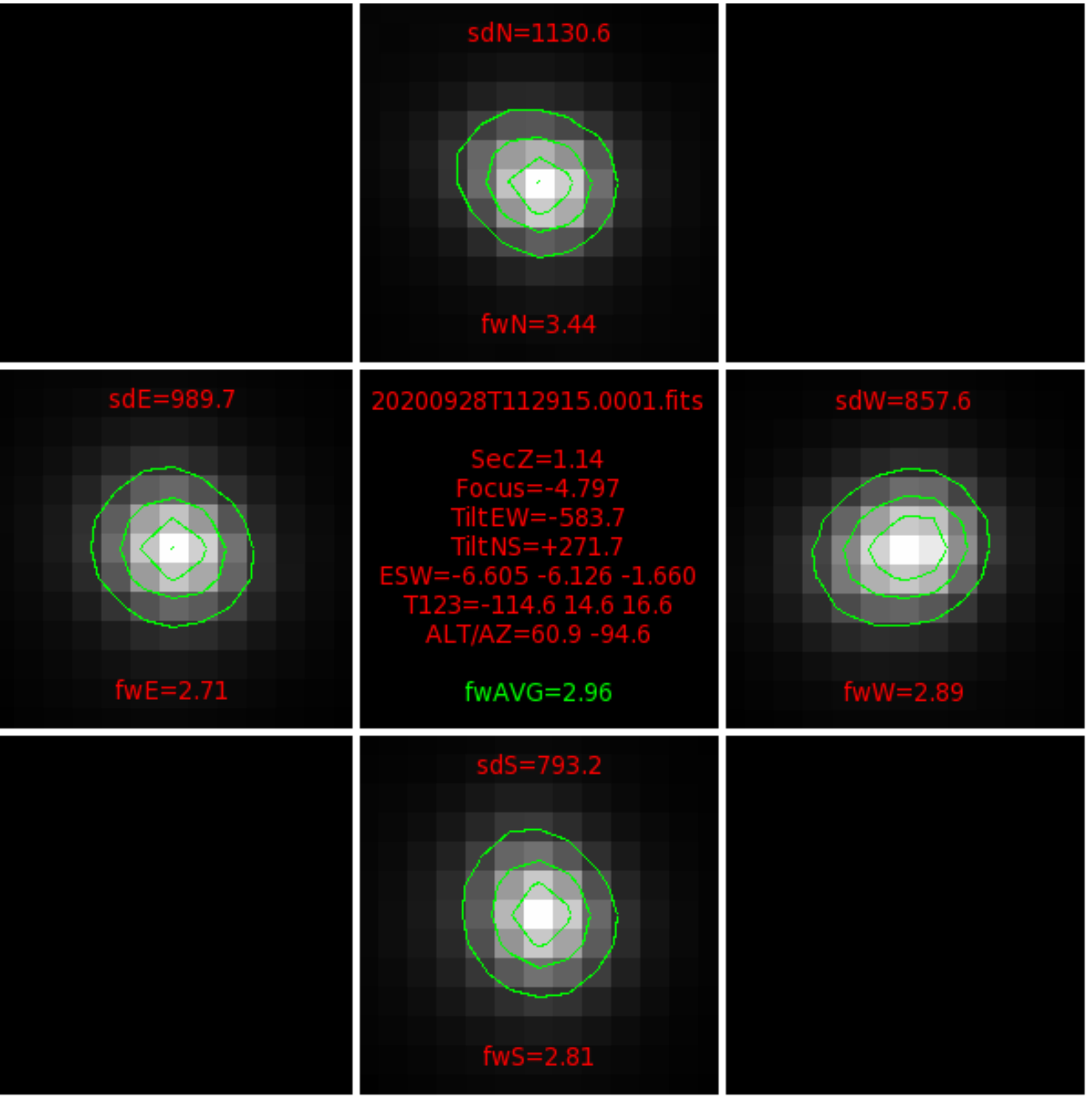
sdN=1130.6
fwN=3.44
sdE=989.7
fwE=2.71
20200928T112915.0001.fits
SecZ=1.14
Focus=-4.797
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.605 -6.126 -1.660
T123=-114.6 14.6 16.6
ALT/AZ=60.9 -94.6
fwAVG=2.96
sdW=857.6
fwW=2.89
sdS=793.2
fwS=2.81
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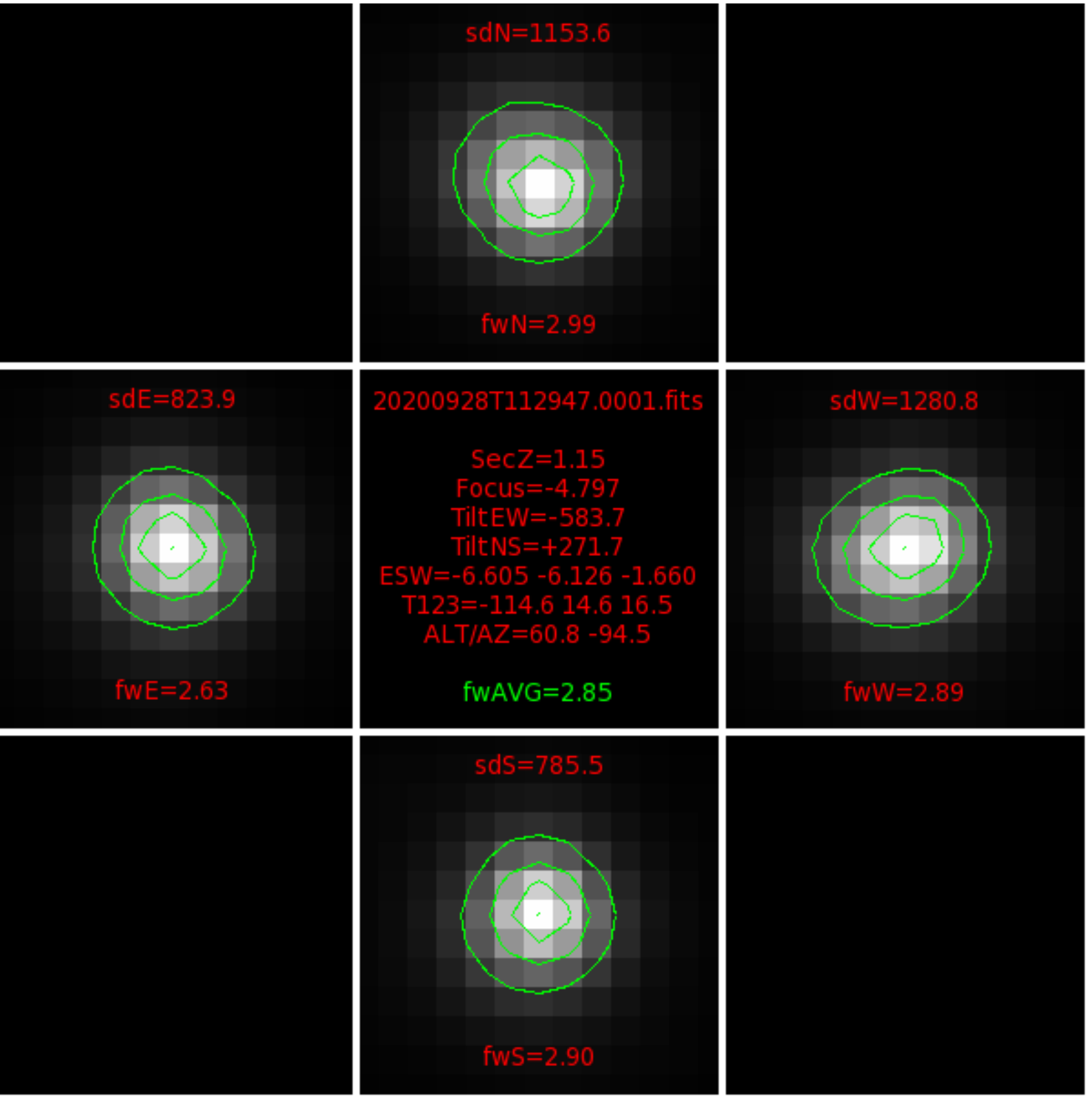
sdN=1153.6
fwN=2.99
sdE=823.9
fwE=2.63
20200928T112947.0001.fits
SecZ=1.15
Focus=-4.797
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.605 -6.126 -1.660
T123=-114.6 14.6 16.5
ALT/AZ=60.8 -94.5
fwAVG=2.85
sdW=1280.8
fwW=2.89
sdS=785.5
fwS=2.90
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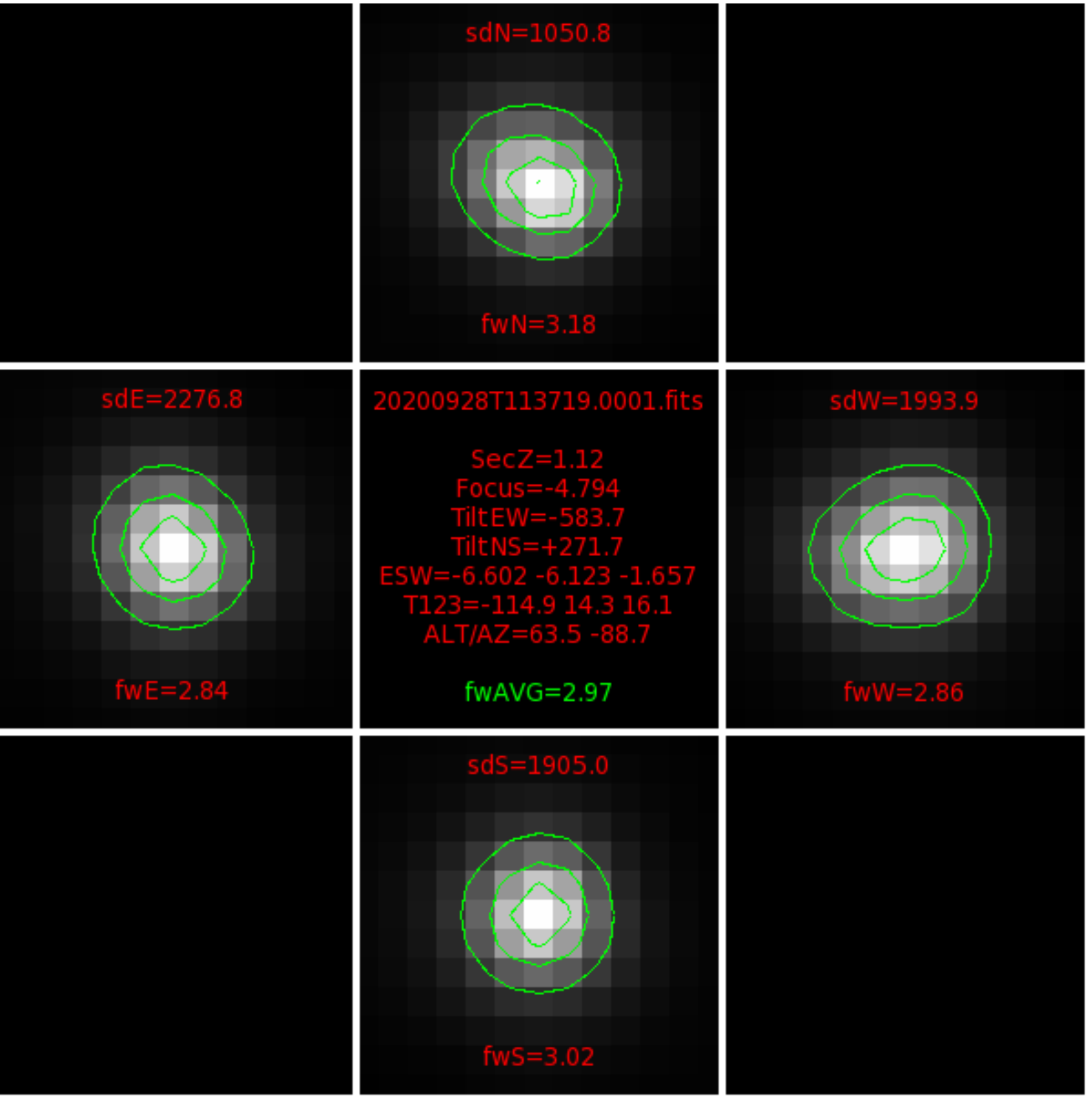
sdN=1050.8
fwN=3.18
sdE=2276.8
fwE=2.84
20200928T113719.0001.fits
SecZ=1.12
Focus=-4.794
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.602 -6.123 -1.657
T123=-114.9 14.3 16.1
ALT/AZ=63.5 -88.7
fwAVG=2.97
sdW=1993.9
fwW=2.86
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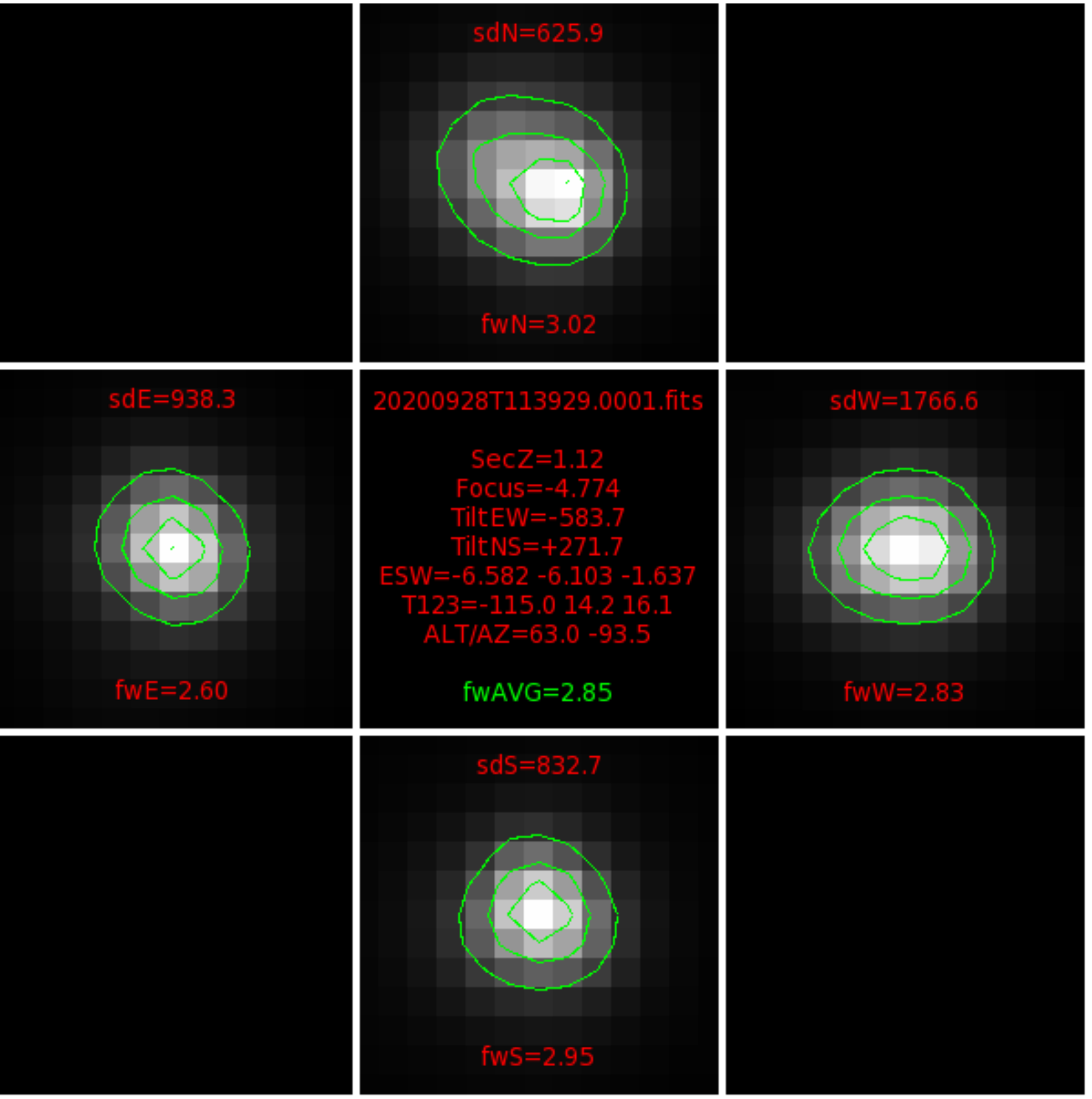
sdN=625.9
fwN=3.02
sdE=938.3
fwE=2.60
20200928T113929.0001.fits
SecZ=1.12
Focus=-4.774
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.582 -6.103 -1.637
T123=-115.0 14.2 16.1
ALT/AZ=63.0 -93.5
fwAVG=2.85
sdW=1766.6
fwW=2.83
sdS=832.7
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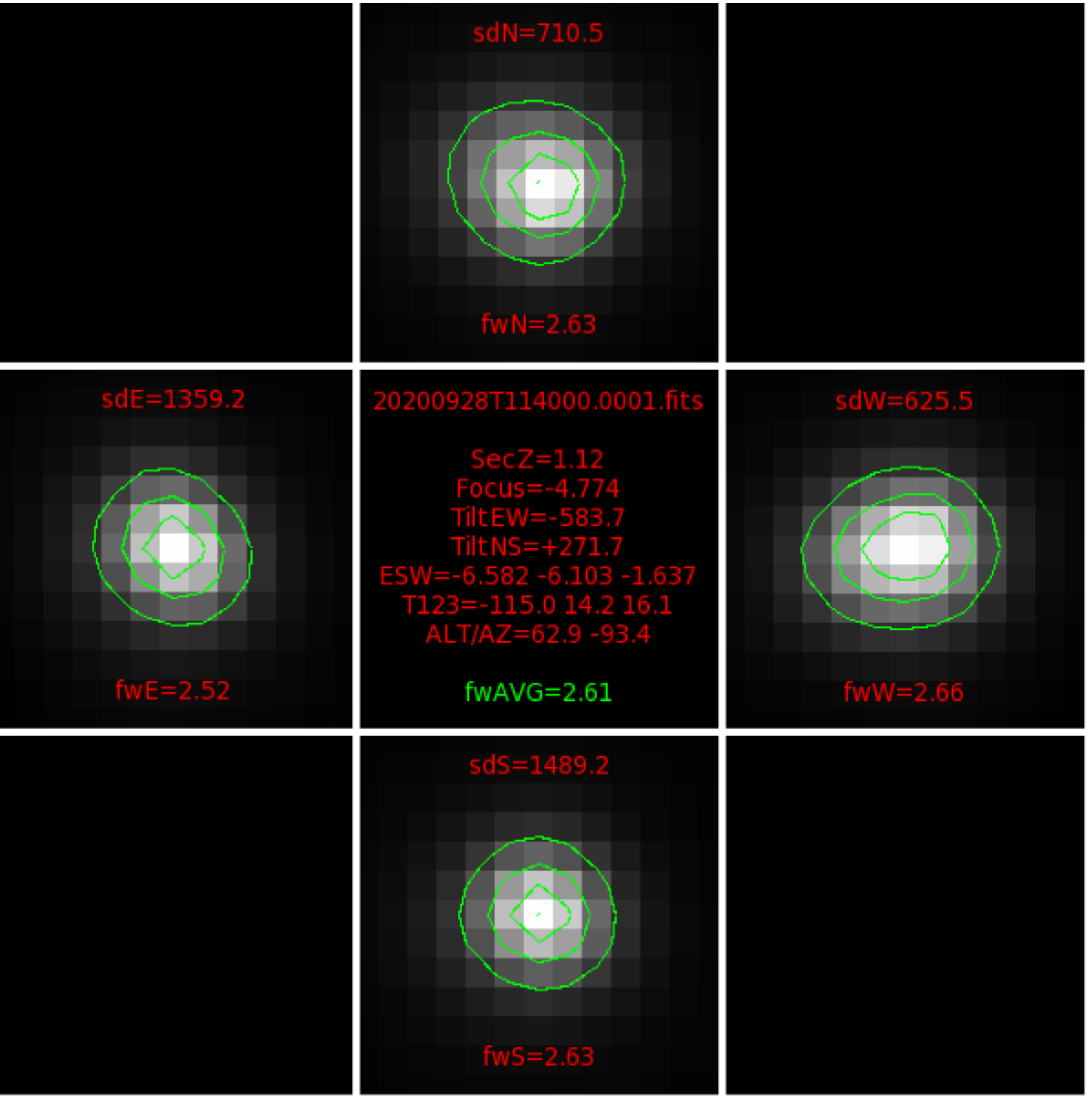
sdN=710.5
fwN=2.63
sdE=1359.2
fwE=2.52
20200928T114000.0001.fits
SecZ=1.12
Focus=-4.774
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.582 -6.103 -1.637
T123=-115.0 14.2 16.1
ALT/AZ=62.9 -93.4
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sdW=625.5
fwW=2.66
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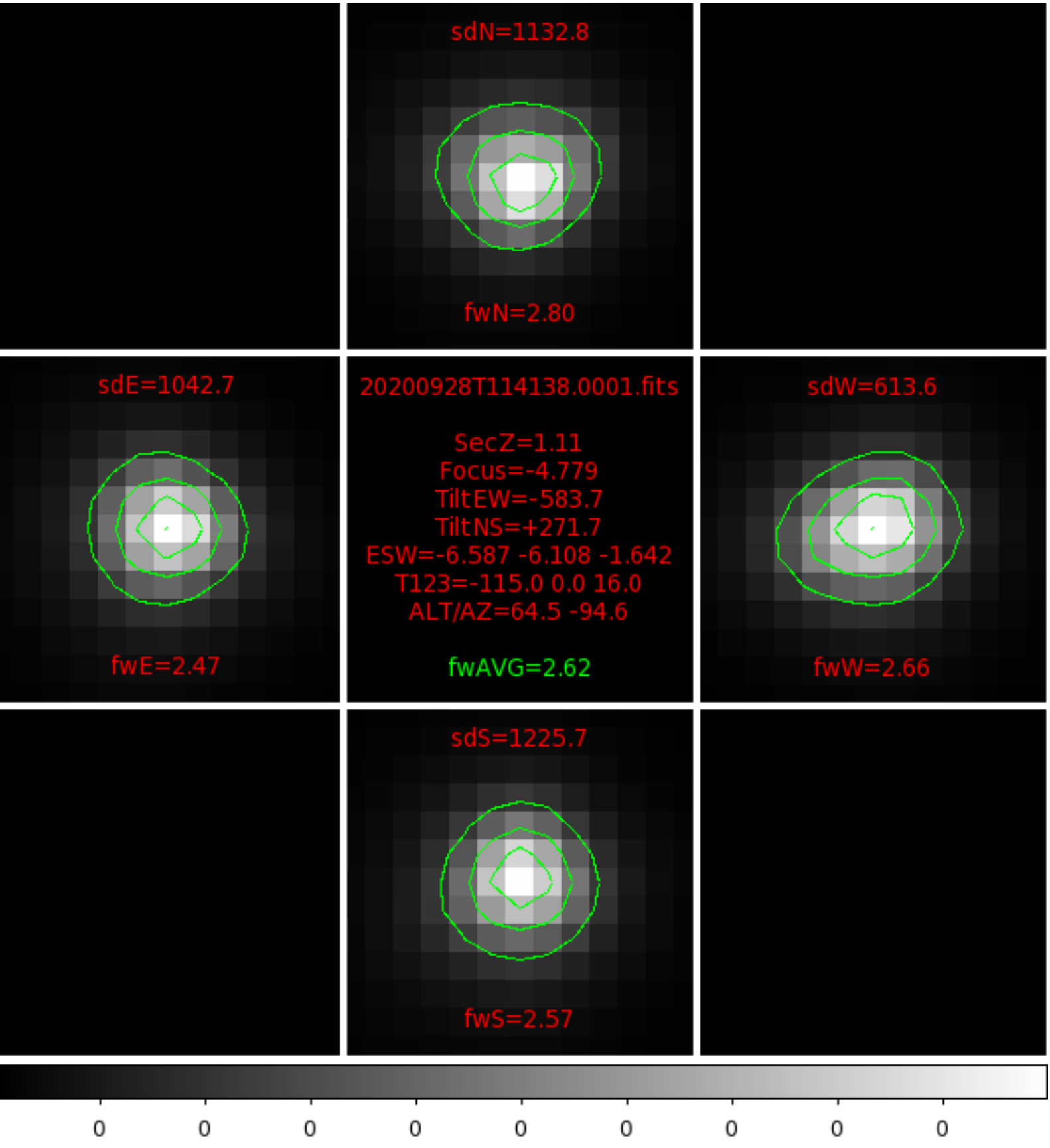
sdN=1132.8
fwN=2.80
sdE=1042.7
fwE=2.47
20200928T114138.0001.fits
SecZ=1.11
Focus=-4.779
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.587 -6.108 -1.642
T123=-115.0 0.0 16.0
ALT/AZ=64.5 -94.6
fwAVG=2.62
sdW=613.6
fwW=2.66
sdS=1225.7
fwS=2.57
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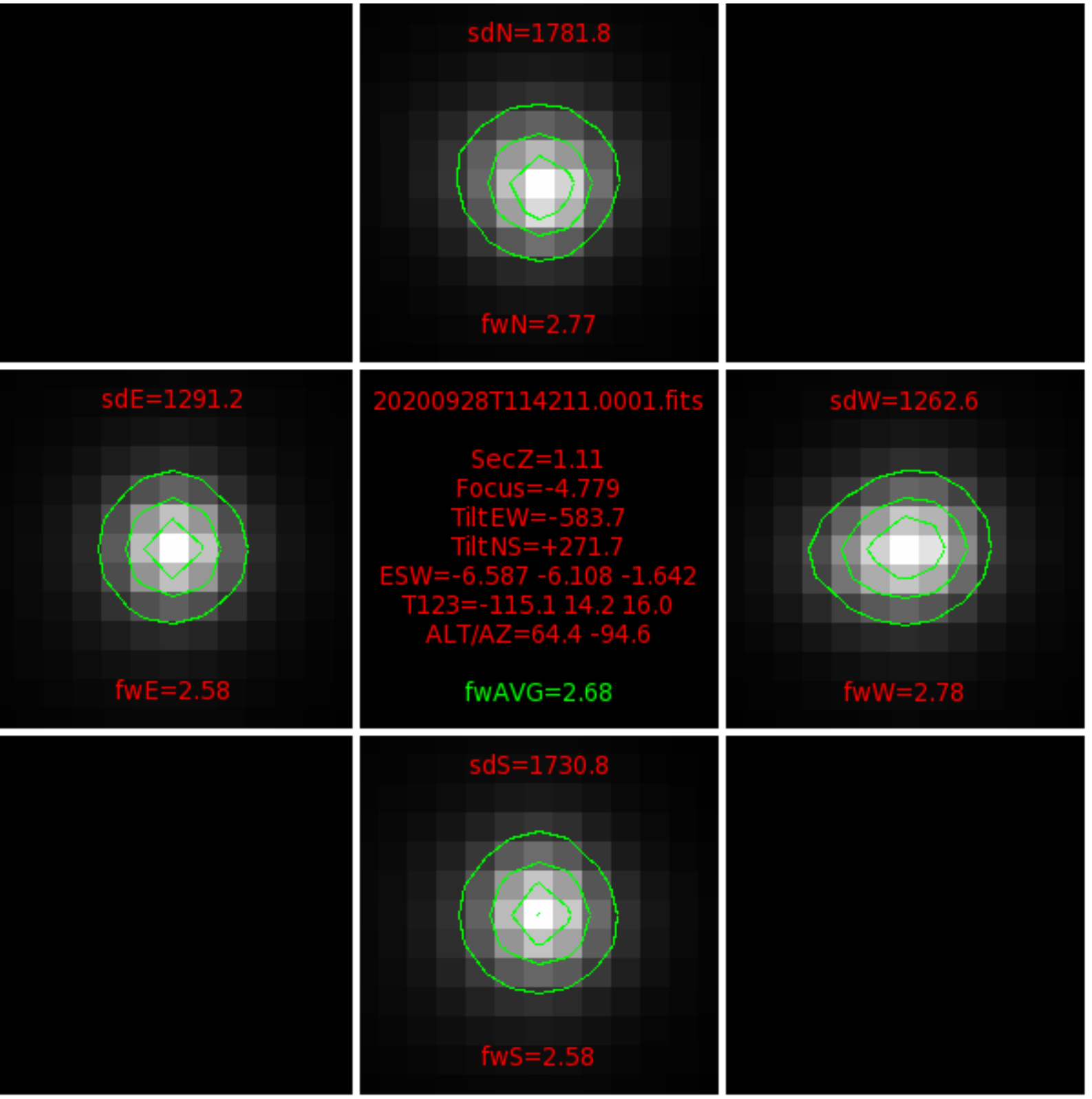
sdN=1781.8
fwN=2.77
sdE=1291.2
fwE=2.58
20200928T114211.0001.fits
SecZ=1.11
Focus=-4.779
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.587 -6.108 -1.642
T123=-115.1 14.2 16.0
ALT/AZ=64.4 -94.6
fwAVG=2.68
sdW=1262.6
fwW=2.78
sdS=1730.8
fwS=2.58
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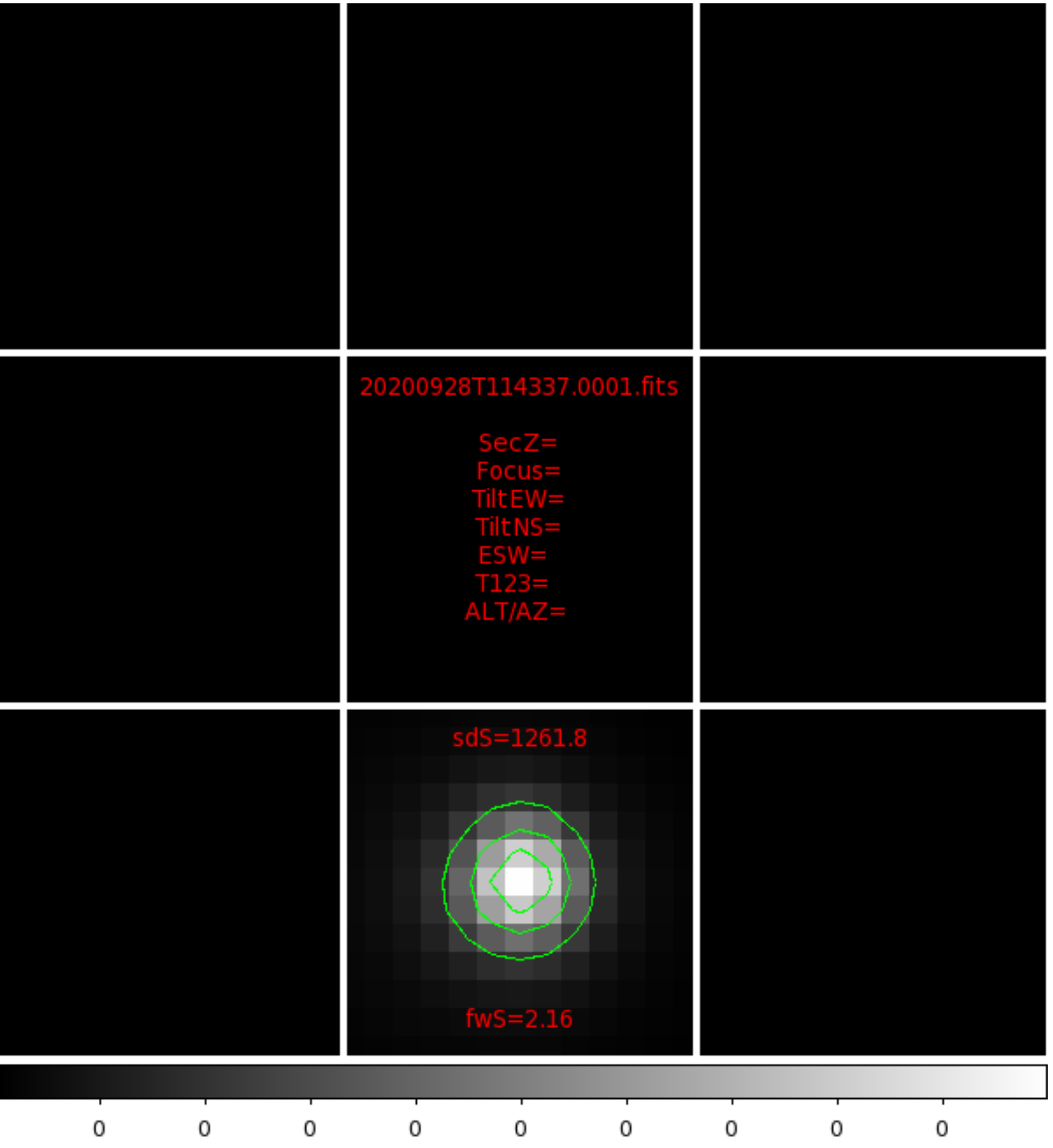
20200928T114337.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=1261.8
fwS=2.16
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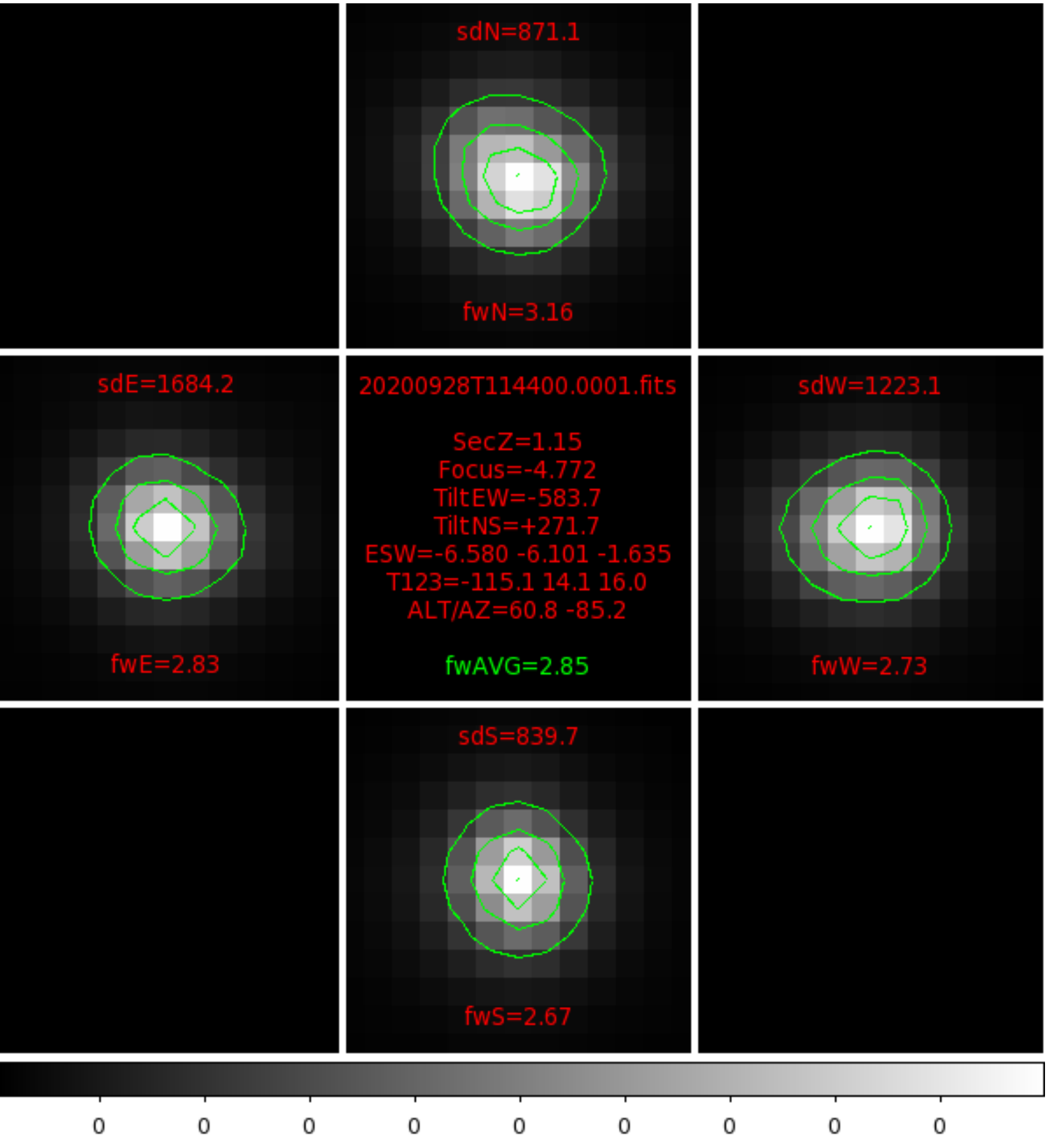
sdN=871.1
fwN=3.16
sdE=1684.2
fwE=2.83
20200928T114400.0001.fits
SecZ=1.15
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.1 14.1 16.0
ALT/AZ=60.8 -85.2
fwAVG=2.85
sdW=1223.1
fwW=2.73
sdS=839.7
fwS=2.67
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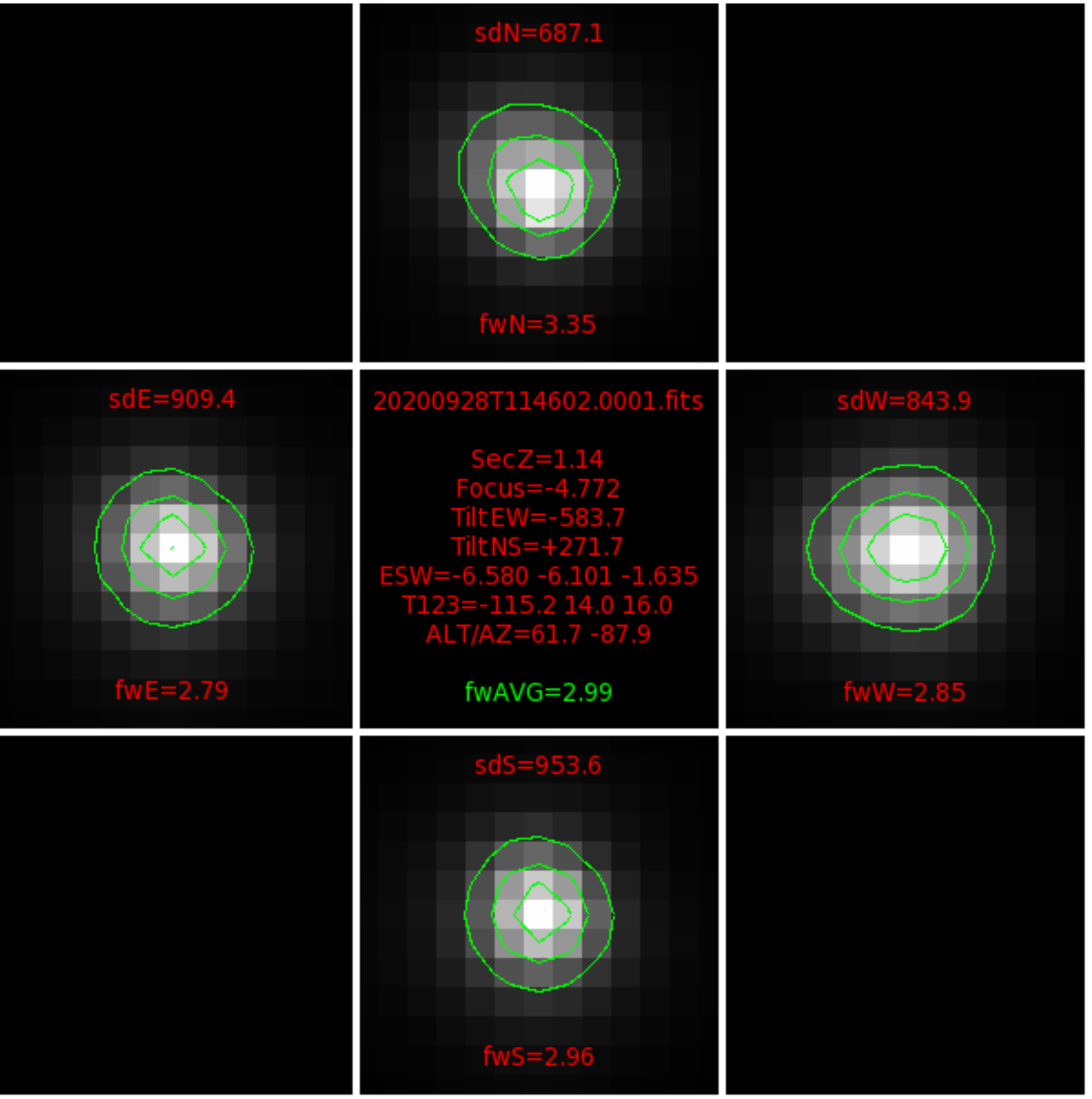
sdN=687.1
fwN=3.35
sdE=909.4
fwE=2.79
20200928T114602.0001.fits
SecZ=1.14
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.2 14.0 16.0
ALT/AZ=61.7 -87.9
fwAVG=2.99
sdW=843.9
fwW=2.85
sdS=953.6
fwS=2.96
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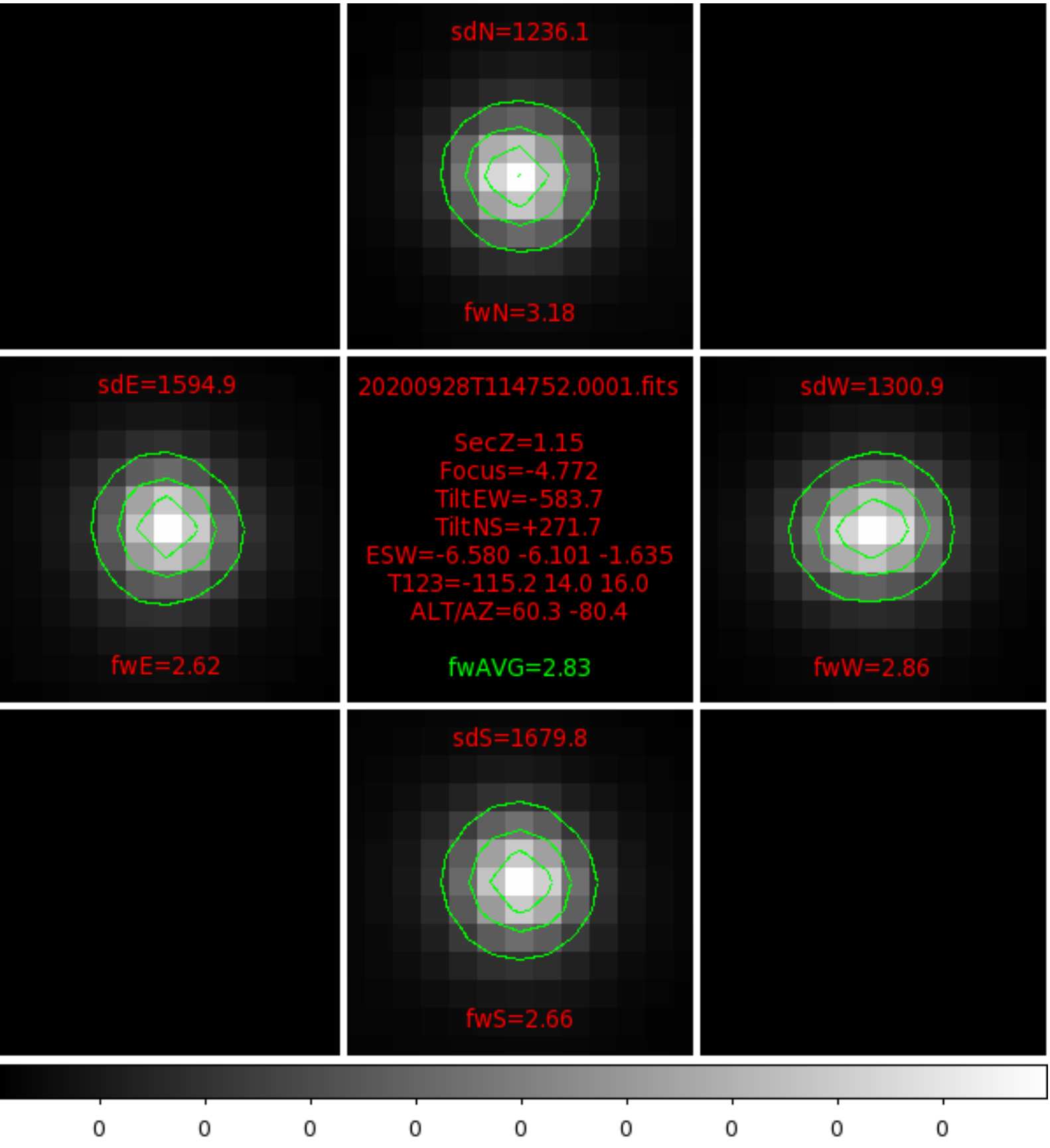
sdN=1236.1
fwN=3.18
sdE=1594.9
fwE=2.62
20200928T114752.0001.fits
SecZ=1.15
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.2 14.0 16.0
ALT/AZ=60.3 -80.4
fwAVG=2.83
sdW=1300.9
fwW=2.86
sdS=1679.8
fwS=2.66
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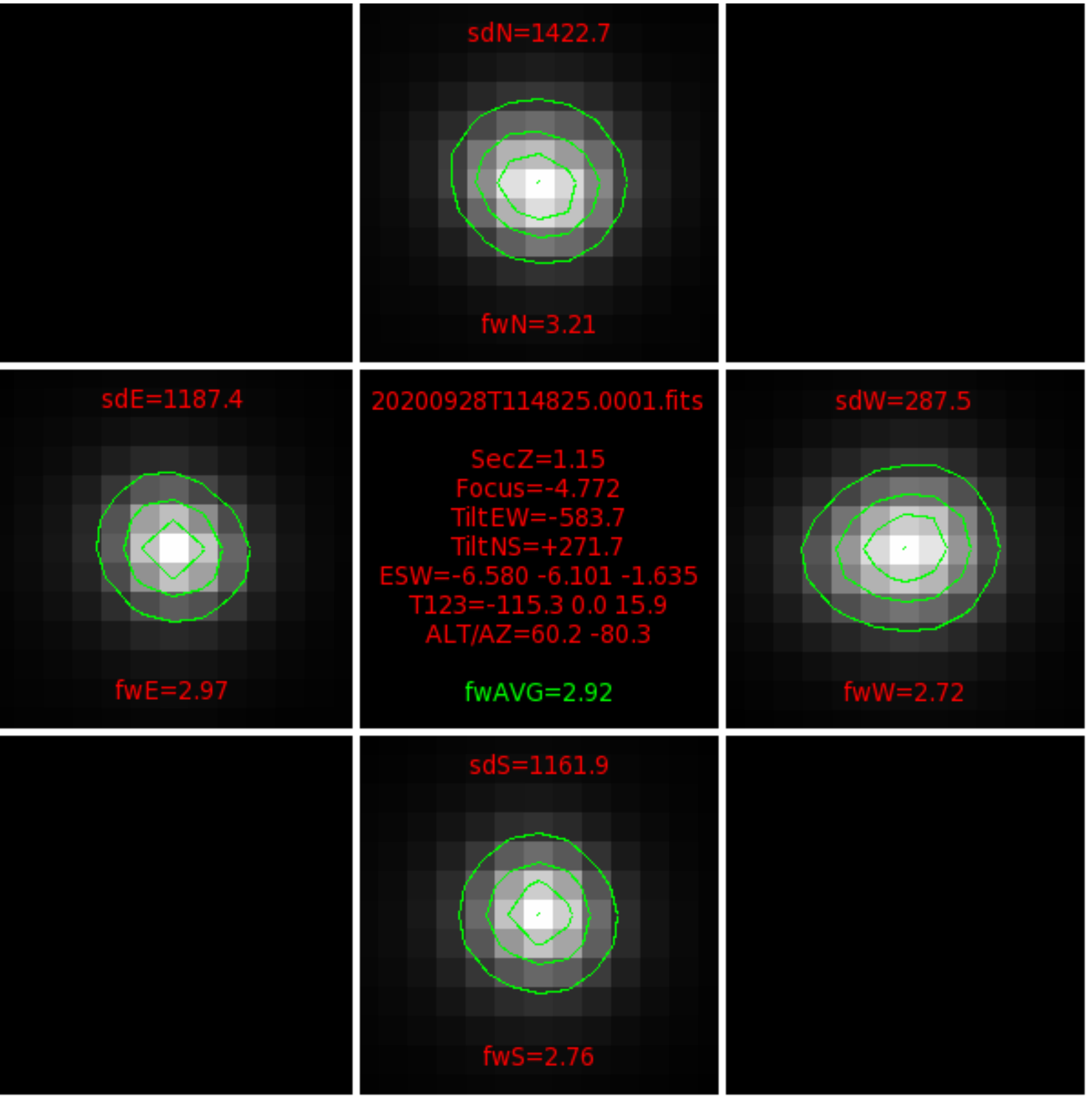
sdN=1422.7
fwN=3.21
sdE=1187.4
fwE=2.97
20200928T114825.0001.fits
SecZ=1.15
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.3 0.0 15.9
ALT/AZ=60.2 -80.3
fwAVG=2.92
sdW=287.5
fwW=2.72
sdS=1161.9
fwS=2.76
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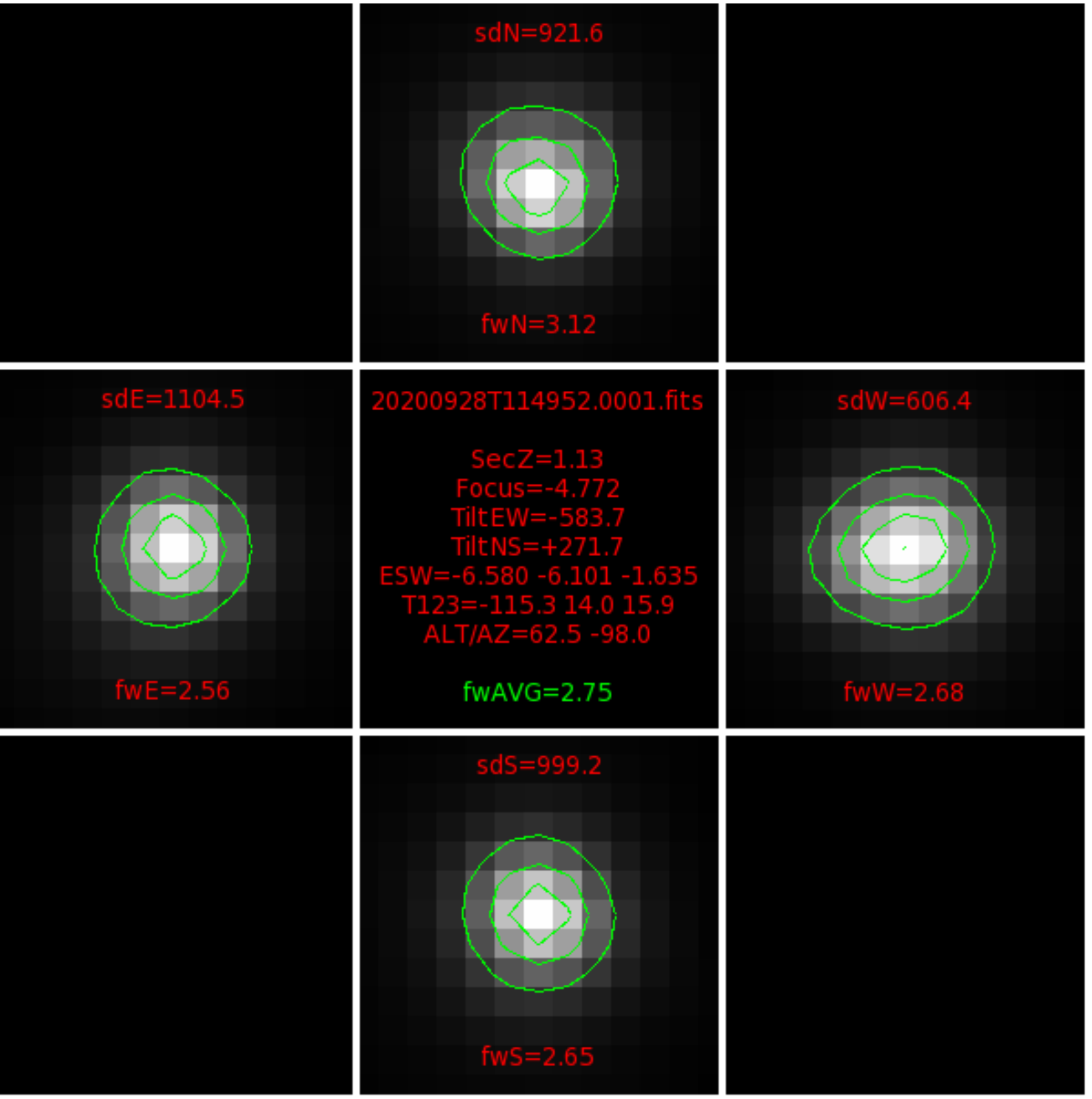
sdN=921.6
fwN=3.12
sdE=1104.5
fwE=2.56
20200928T114952.0001.fits
SecZ=1.13
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.3 14.0 15.9
ALT/AZ=62.5 -98.0
fwAVG=2.75
sdW=606.4
fwW=2.68
sdS=999.2
fwS=2.65
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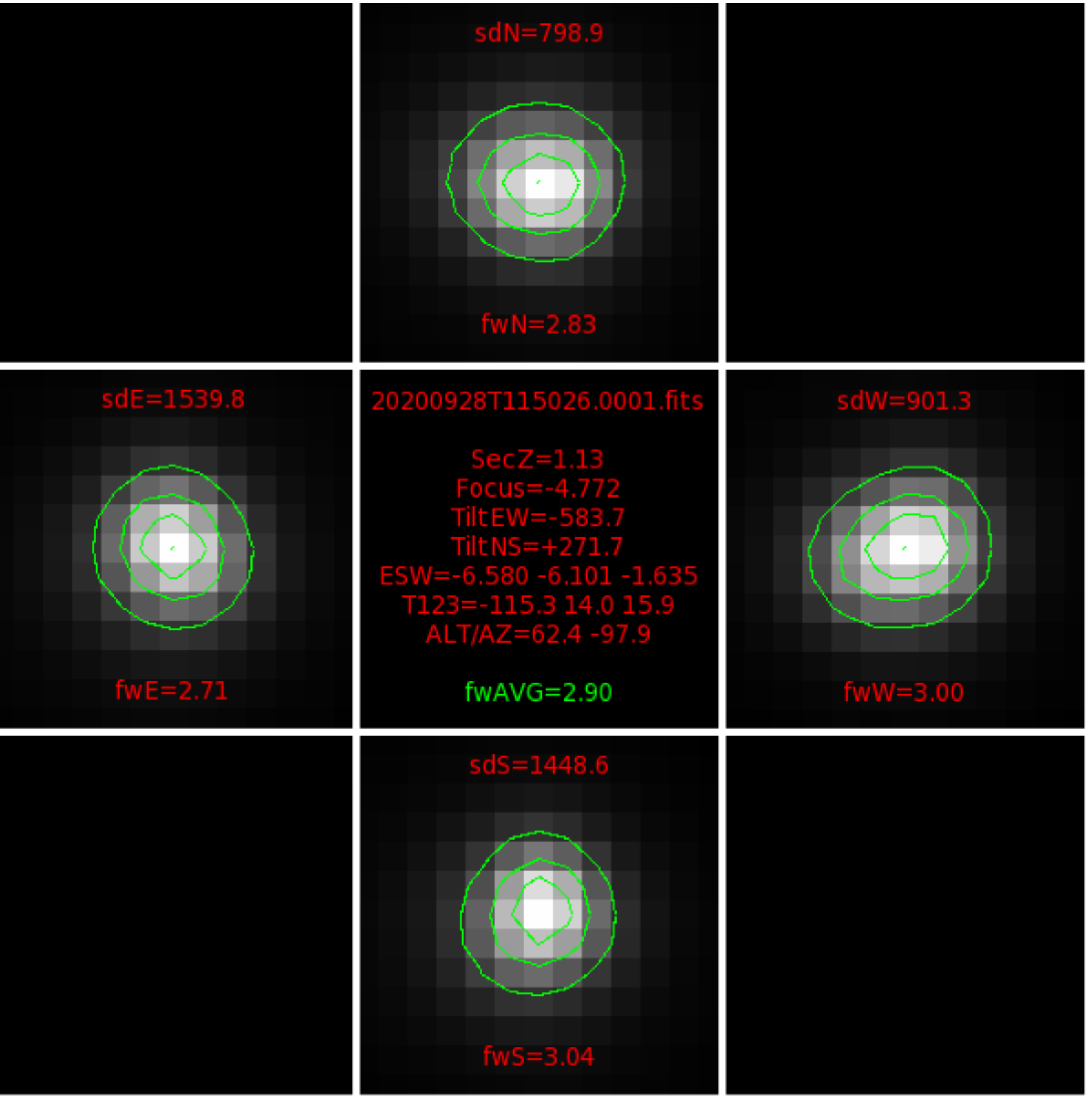
sdN=798.9
fwN=2.83
sdE=1539.8
fwE=2.71
20200928T115026.0001.fits
SecZ=1.13
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.3 14.0 15.9
ALT/AZ=62.4 -97.9
fwAVG=2.90
sdW=901.3
fwW=3.00
sdS=1448.6
fwS=3.04
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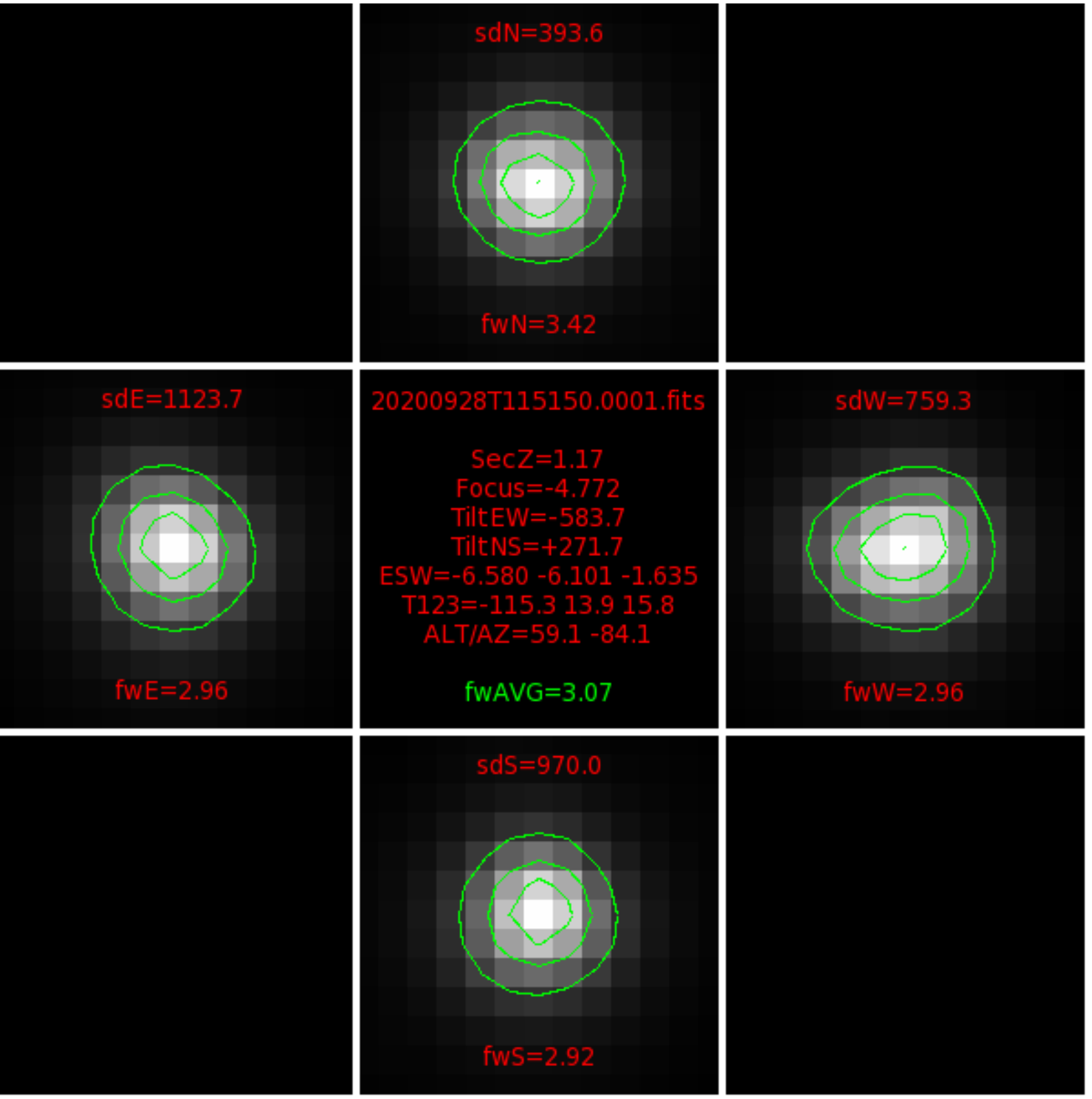
sdN=393.6
fwN=3.42
sdE=1123.7
fwE=2.96
20200928T115150.0001.fits
SecZ=1.17
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.3 13.9 15.8
ALT/AZ=59.1 -84.1
fwAVG=3.07
sdW=759.3
fwW=2.96
sdS=970.0
fwS=2.92
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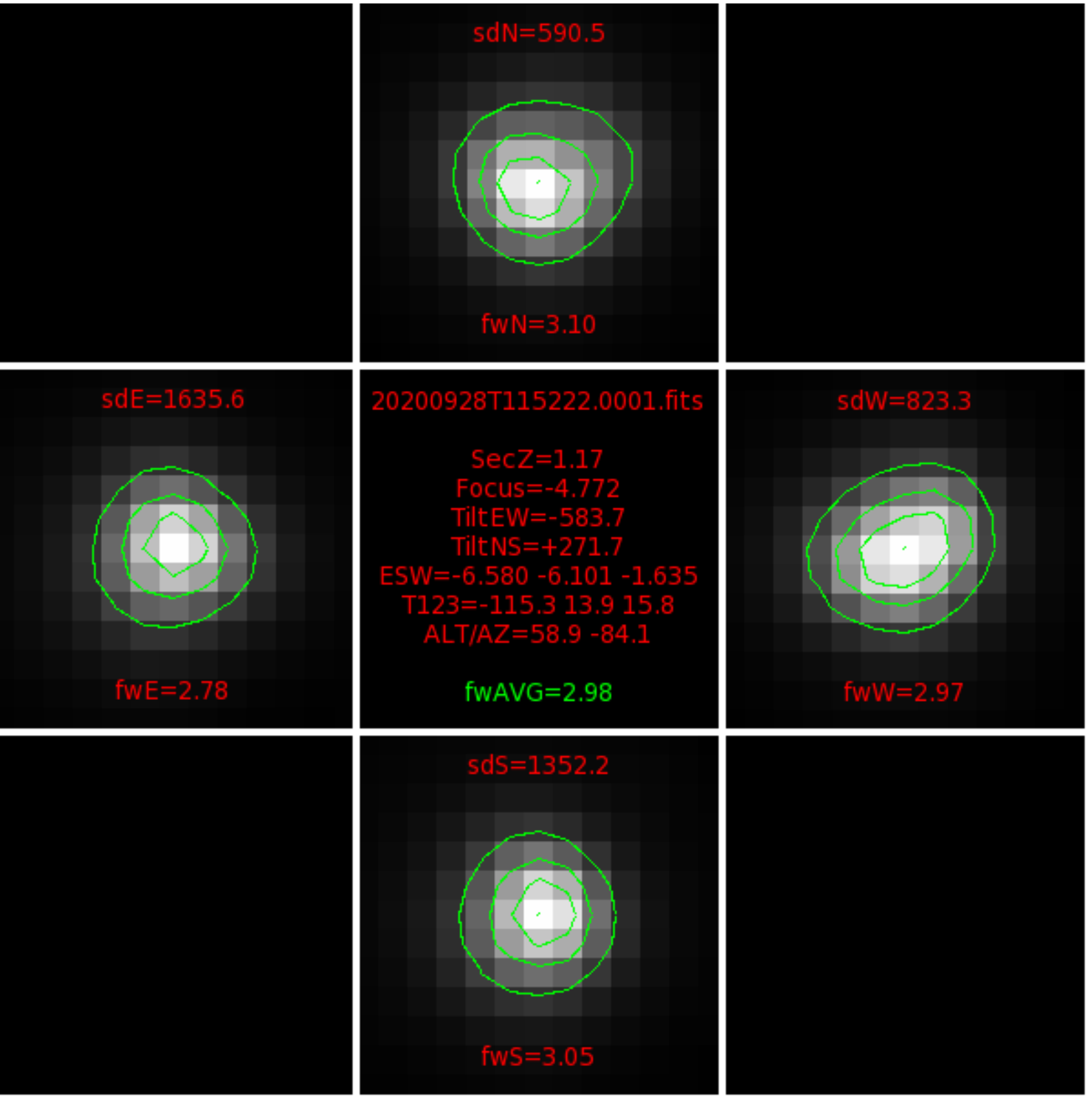
sdN=590.5
fwN=3.10
sdE=1635.6
fwE=2.78
20200928T115222.0001.fits
SecZ=1.17
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.3 13.9 15.8
ALT/AZ=58.9 -84.1
fwAVG=2.98
sdW=823.3
fwW=2.97
sdS=1352.2
fwS=3.05
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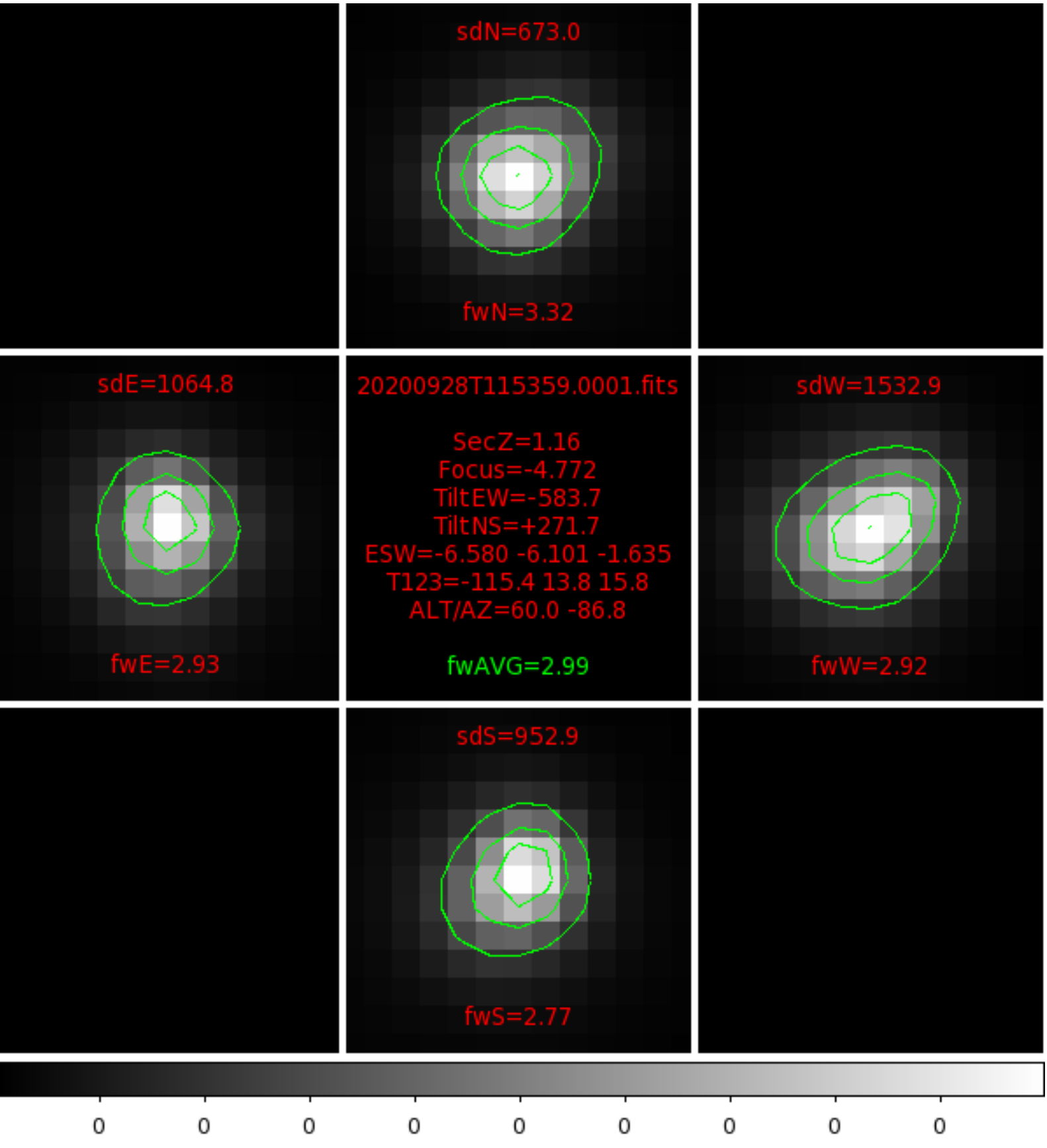
sdN=673.0
fwN=3.32
sdE=1064.8
fwE=2.93
20200928T115359.0001.fits
SecZ=1.16
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.4 13.8 15.8
ALT/AZ=60.0 -86.8
fwAVG=2.99
sdW=1532.9
fwW=2.92
sdS=952.9
fwS=2.77
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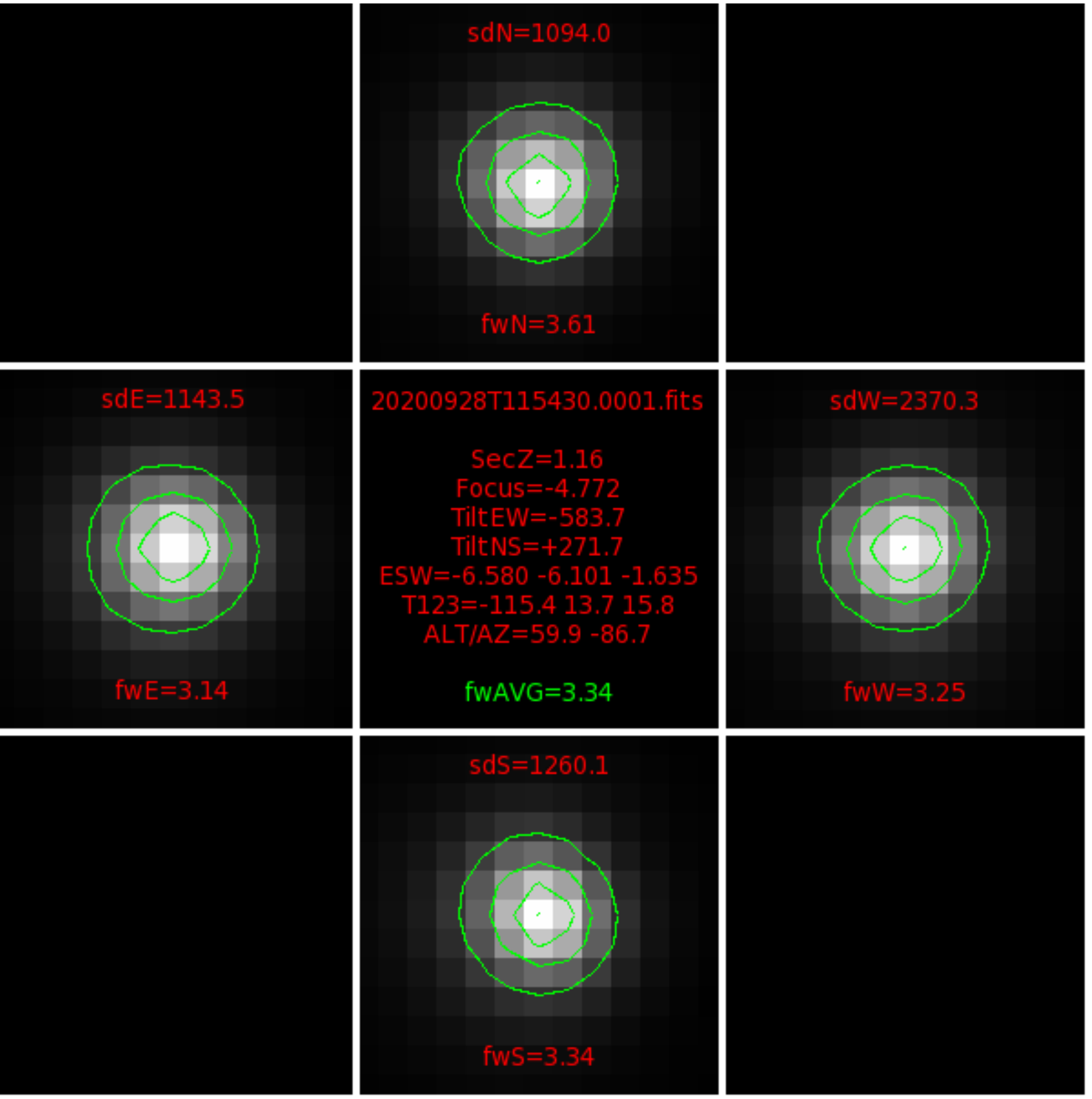
sdN=1094.0
fwN=3.61
sdE=1143.5
fwE=3.14
20200928T115430.0001.fits
SecZ=1.16
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.4 13.7 15.8
ALT/AZ=59.9 -86.7
fwAVG=3.34
sdW=2370.3
fwW=3.25
sdS=1260.1
fwS=3.34
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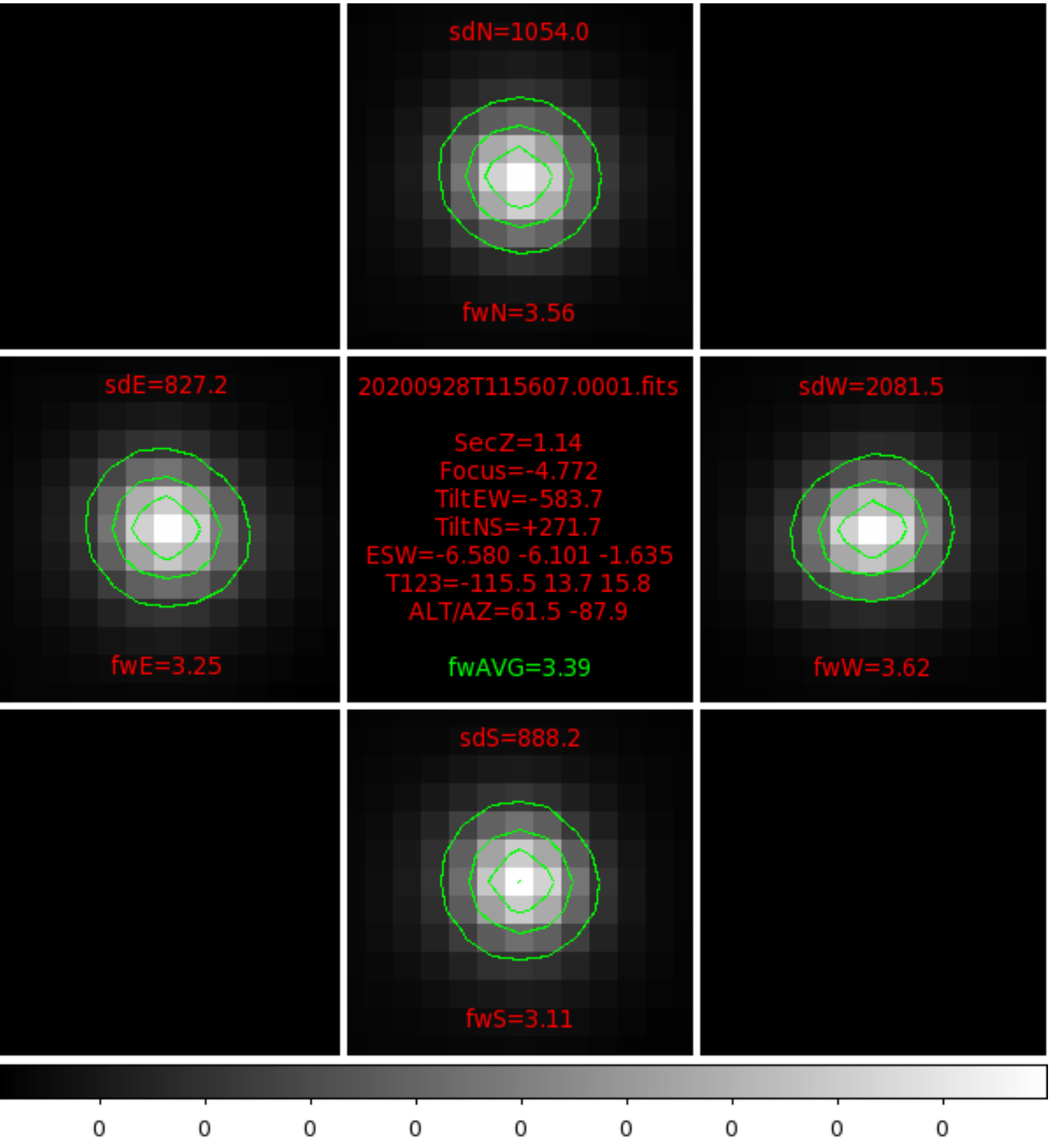
sdN=1054.0
fwN=3.56
sdE=827.2
fwE=3.25
20200928T115607.0001.fits
SecZ=1.14
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.5 13.7 15.8
ALT/AZ=61.5 -87.9
fwAVG=3.39
sdW=2081.5
fwW=3.62
sdS=888.2
fwS=3.11
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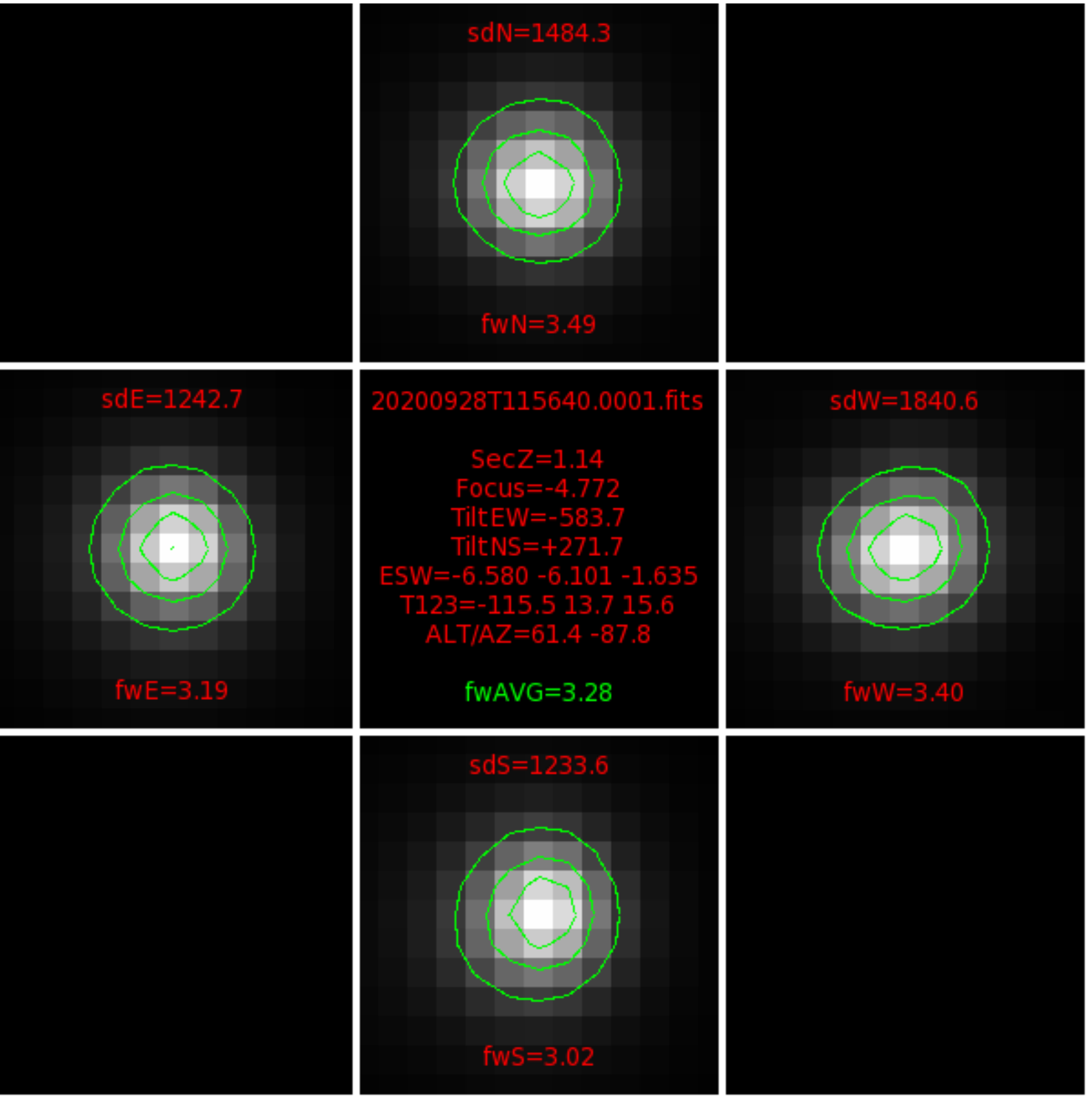
sdN=1484.3
fwN=3.49
sdE=1242.7
fwE=3.19
20200928T115640.0001.fits
SecZ=1.14
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.5 13.7 15.6
ALT/AZ=61.4 -87.8
fwAVG=3.28
sdW=1840.6
fwW=3.40
sdS=1233.6
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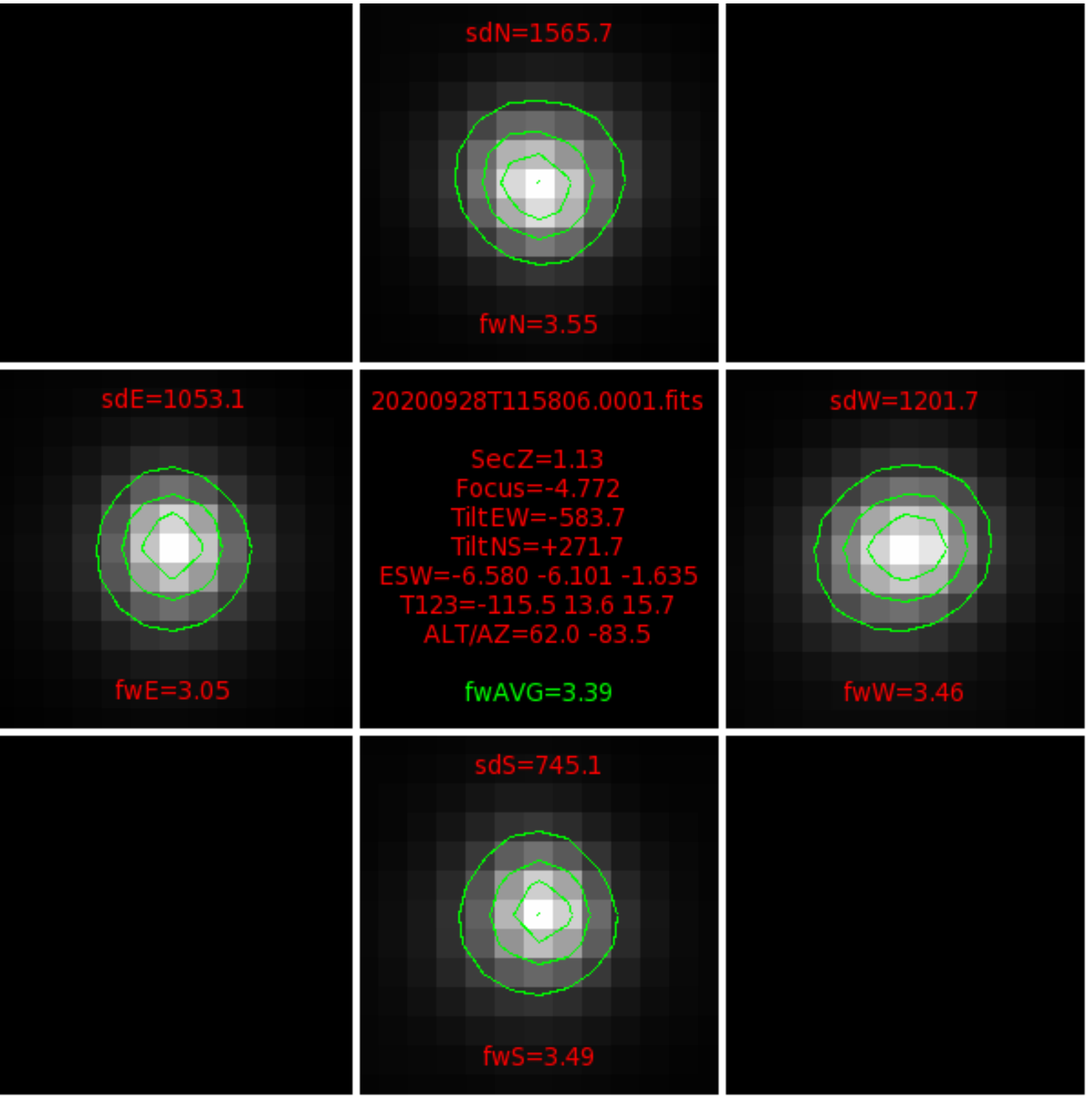
sdN=1565.7
fwN=3.55
sdE=1053.1
fwE=3.05
20200928T115806.0001.fits
SecZ=1.13
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.5 13.6 15.7
ALT/AZ=62.0 -83.5
fwAVG=3.39
sdW=1201.7
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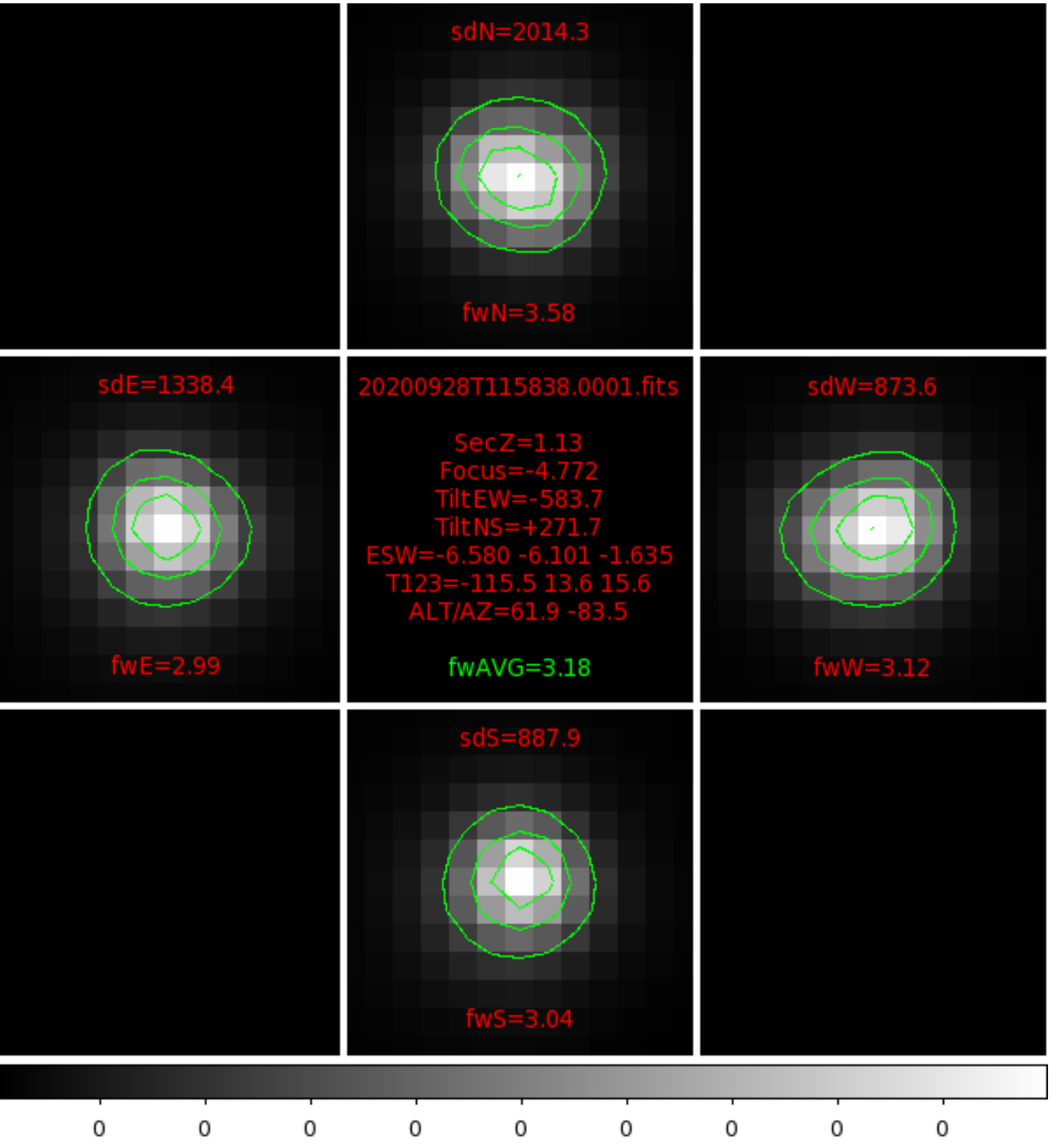
sdN=2014.3
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sdE=1338.4
fwE=2.99
20200928T115838.0001.fits
SecZ=1.13
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.5 13.6 15.6
ALT/AZ=61.9 -83.5
fwAVG=3.18
sdW=873.6
fwW=3.12
sdS=887.9
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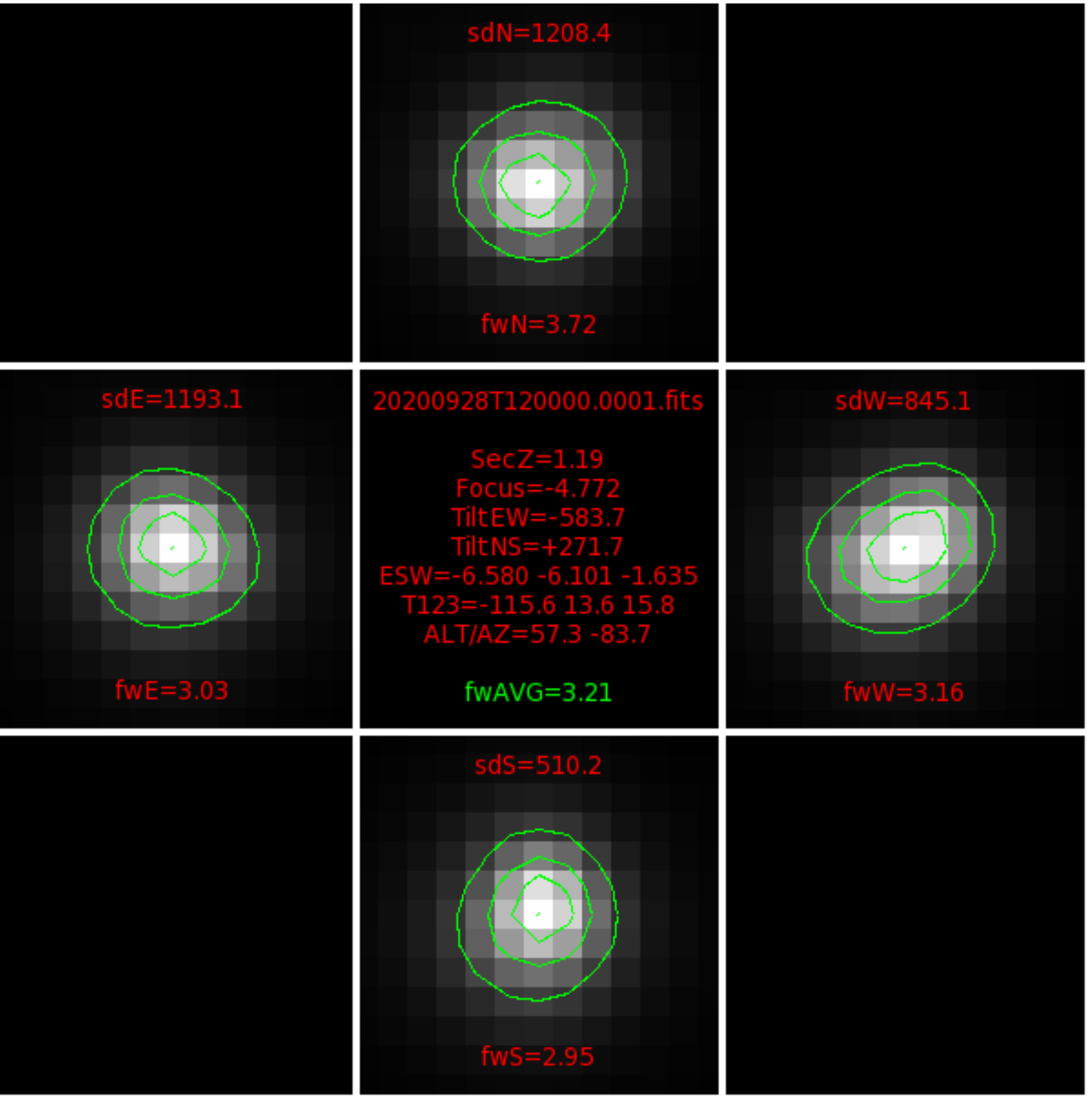
sdN=1208.4
fwN=3.72
sdE=1193.1
fwE=3.03
20200928T120000.0001.fits
SecZ=1.19
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.6 13.6 15.8
ALT/AZ=57.3 -83.7
fwAVG=3.21
sdW=845.1
fwW=3.16
sdS=510.2
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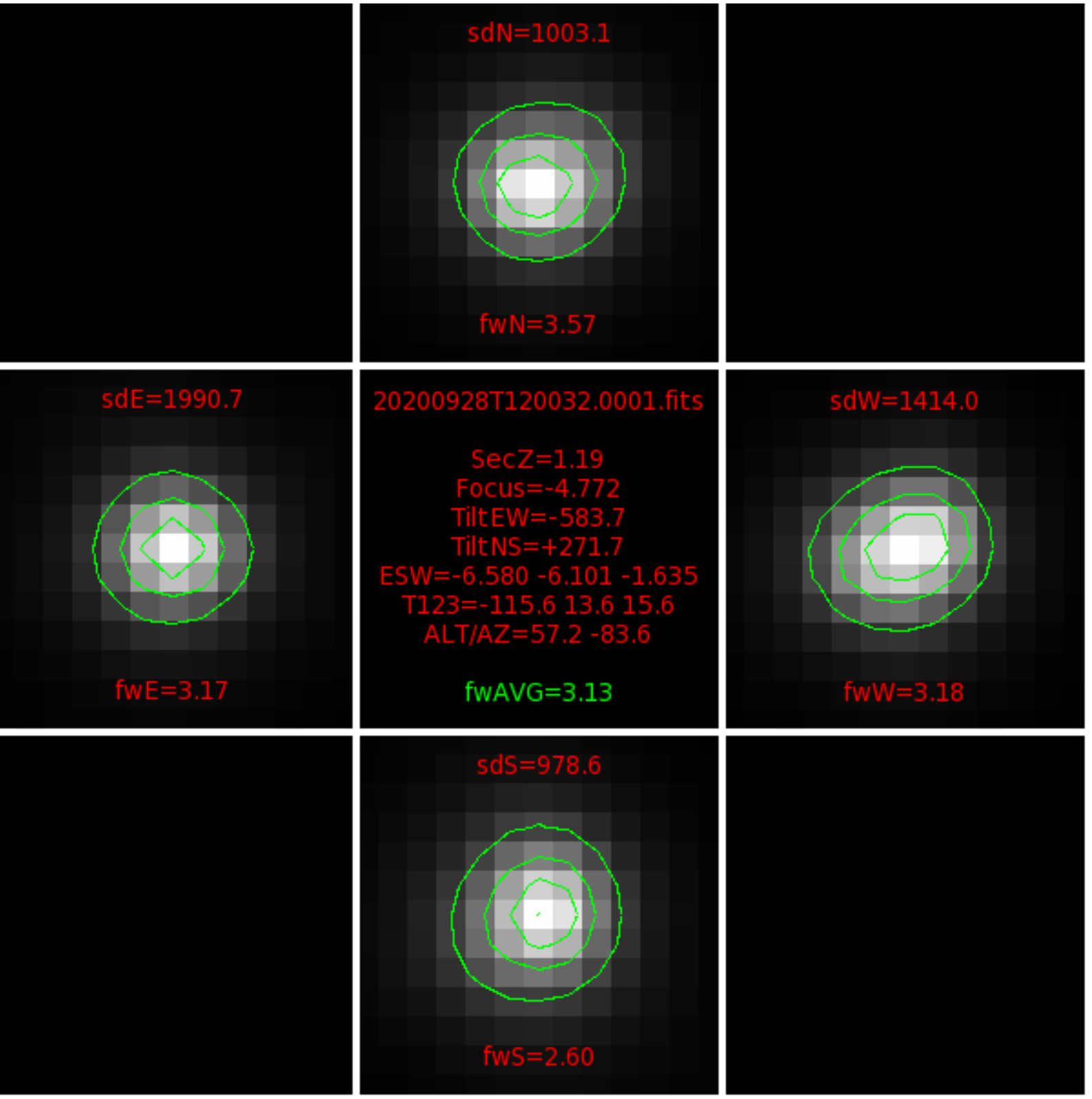
sdN=1003.1
fwN=3.57
sdE=1990.7
fwE=3.17
20200928T120032.0001.fits
SecZ=1.19
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.6 13.6 15.6
ALT/AZ=57.2 -83.6
fwAVG=3.13
sdW=1414.0
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sdS=978.6
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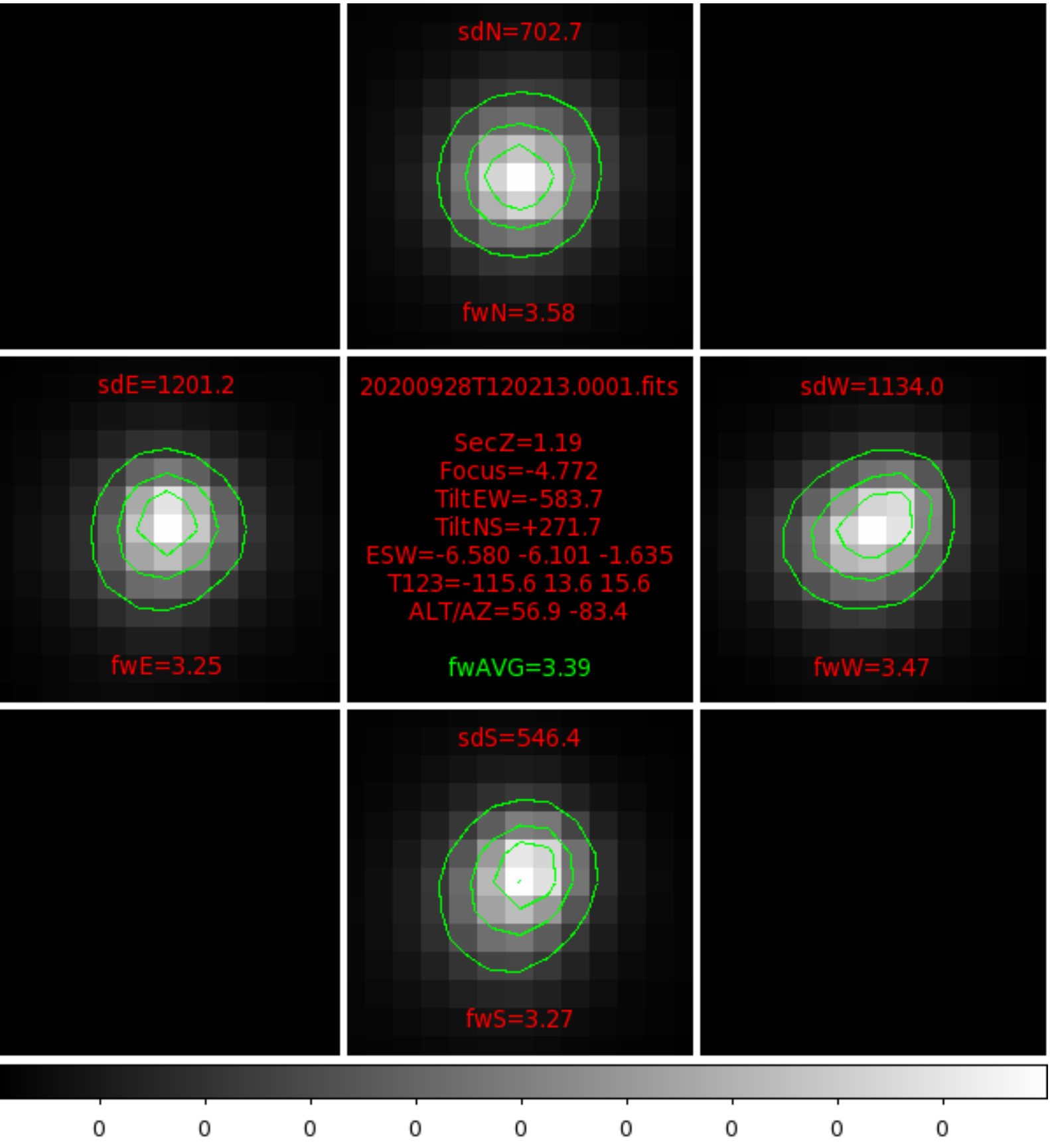
sdN=702.7
fwN=3.58
sdE=1201.2
fwE=3.25
20200928T120213.0001.fits
SecZ=1.19
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.6 13.6 15.6
ALT/AZ=56.9 -83.4
fwAVG=3.39
sdW=1134.0
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sdS=546.4
fwS=3.27
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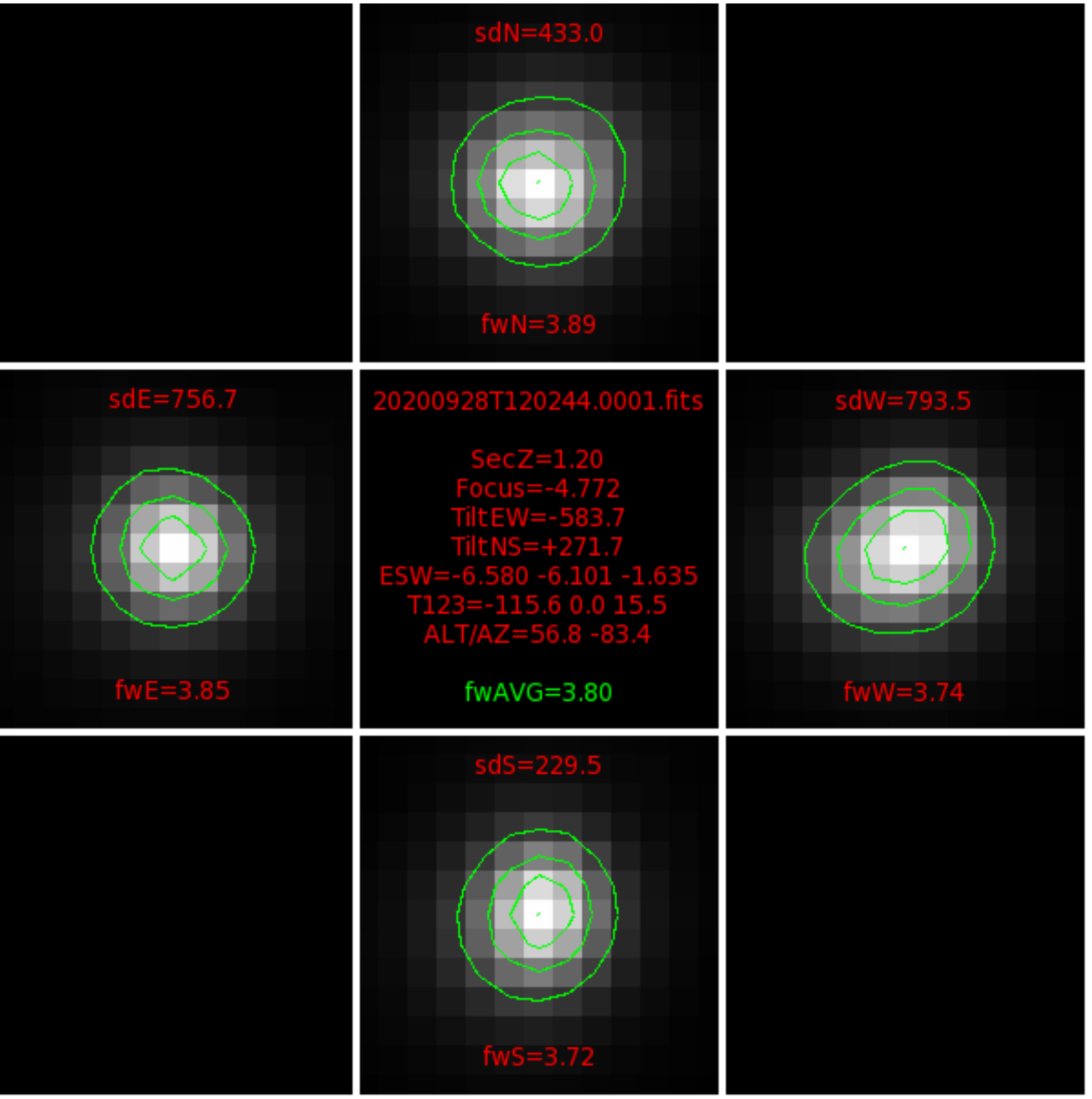
sdN=433.0
fwN=3.89
sdE=756.7
fwE=3.85
20200928T120244.0001.fits
SecZ=1.20
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.6 0.0 15.5
ALT/AZ=56.8 -83.4
fwAVG=3.80
sdW=793.5
fwW=3.74
sdS=229.5
fwS=3.72
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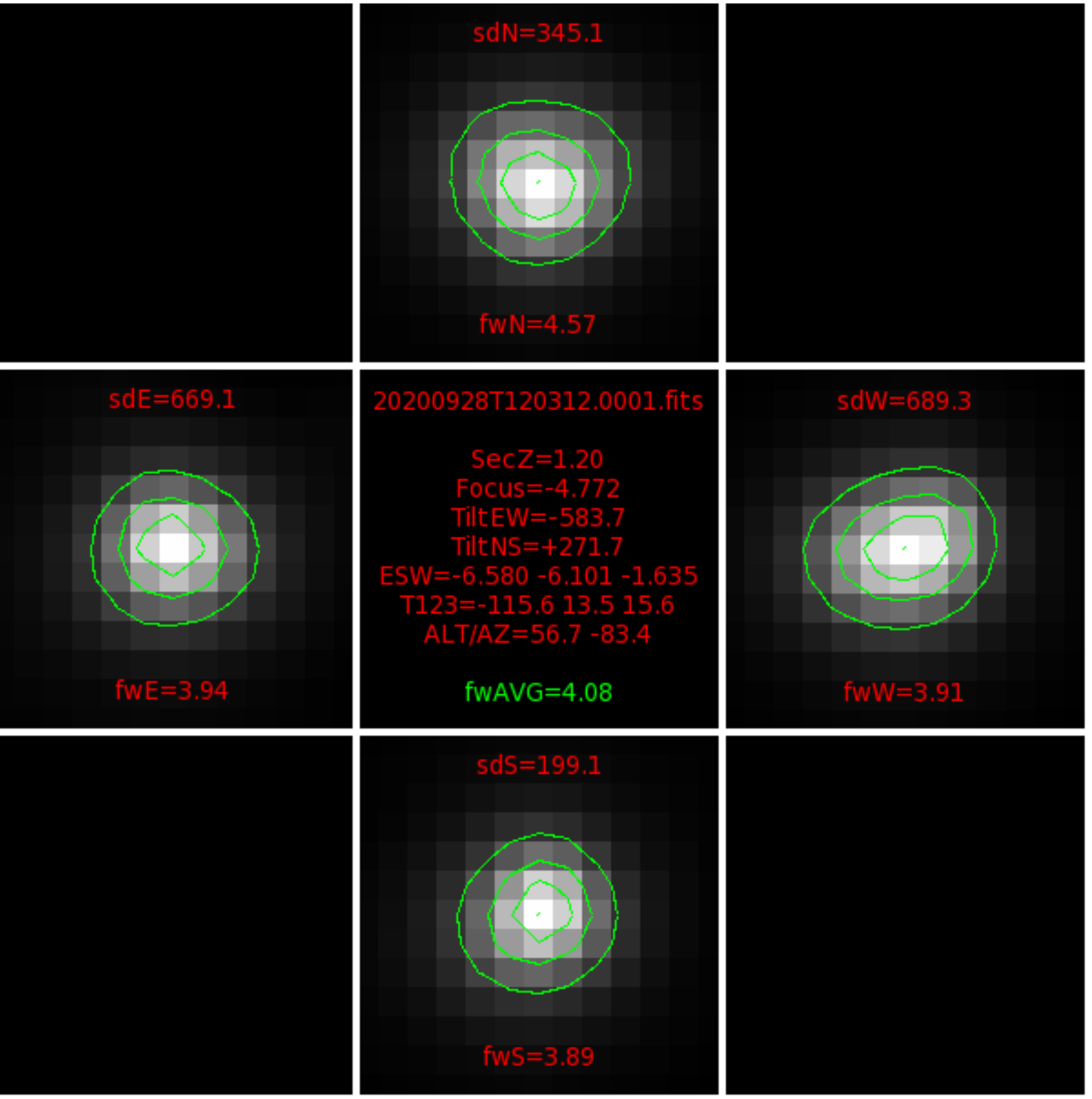
sdN=345.1
fwN=4.57
sdE=669.1
fwE=3.94
20200928T120312.0001.fits
SecZ=1.20
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.6 13.5 15.6
ALT/AZ=56.7 -83.4
fwAVG=4.08
sdW=689.3
fwW=3.91
sdS=199.1
fwS=3.89
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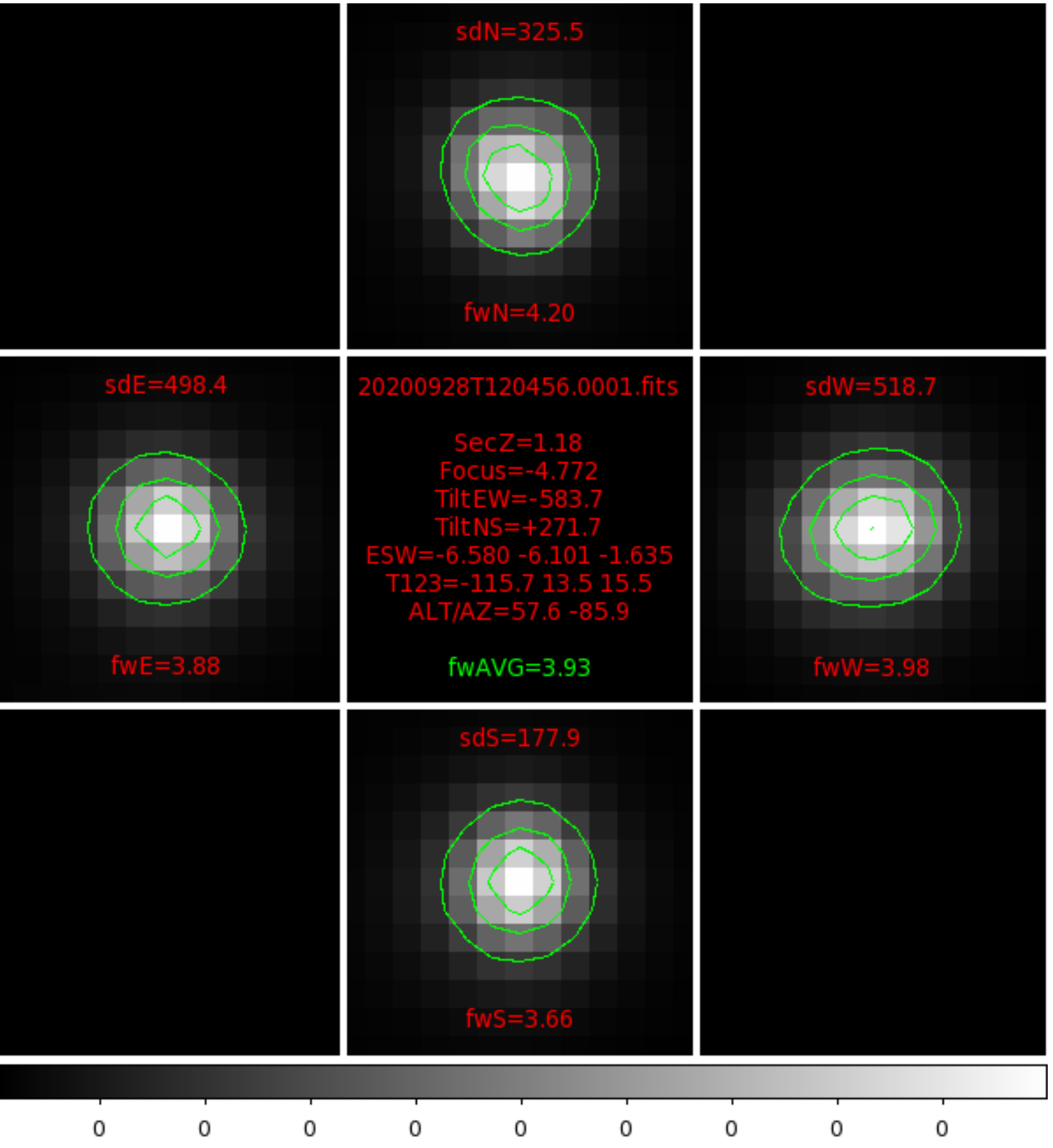
sdN=325.5
fwN=4.20
sdE=498.4
fwE=3.88
20200928T120456.0001.fits
SecZ=1.18
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.7 13.5 15.5
ALT/AZ=57.6 -85.9
fwAVG=3.93
sdW=518.7
fwW=3.98
sdS=177.9
fwS=3.66
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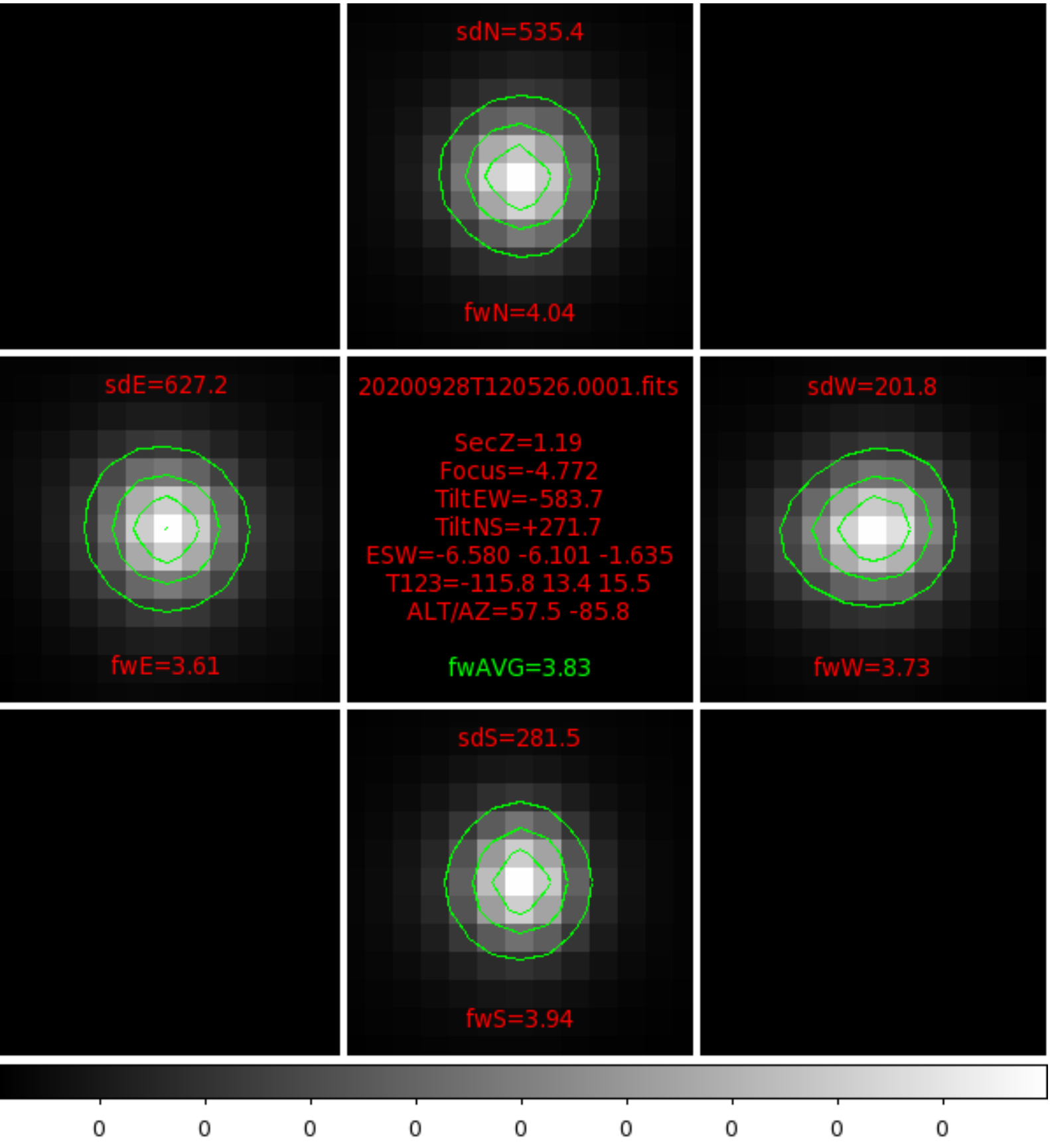
sdN=535.4
fwN=4.04
sdE=627.2
fwE=3.61
20200928T120526.0001.fits
SecZ=1.19
Focus=-4.772
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.580 -6.101 -1.635
T123=-115.8 13.4 15.5
ALT/AZ=57.5 -85.8
fwAVG=3.83
sdW=201.8
fwW=3.73
sdS=281.5
fwS=3.94
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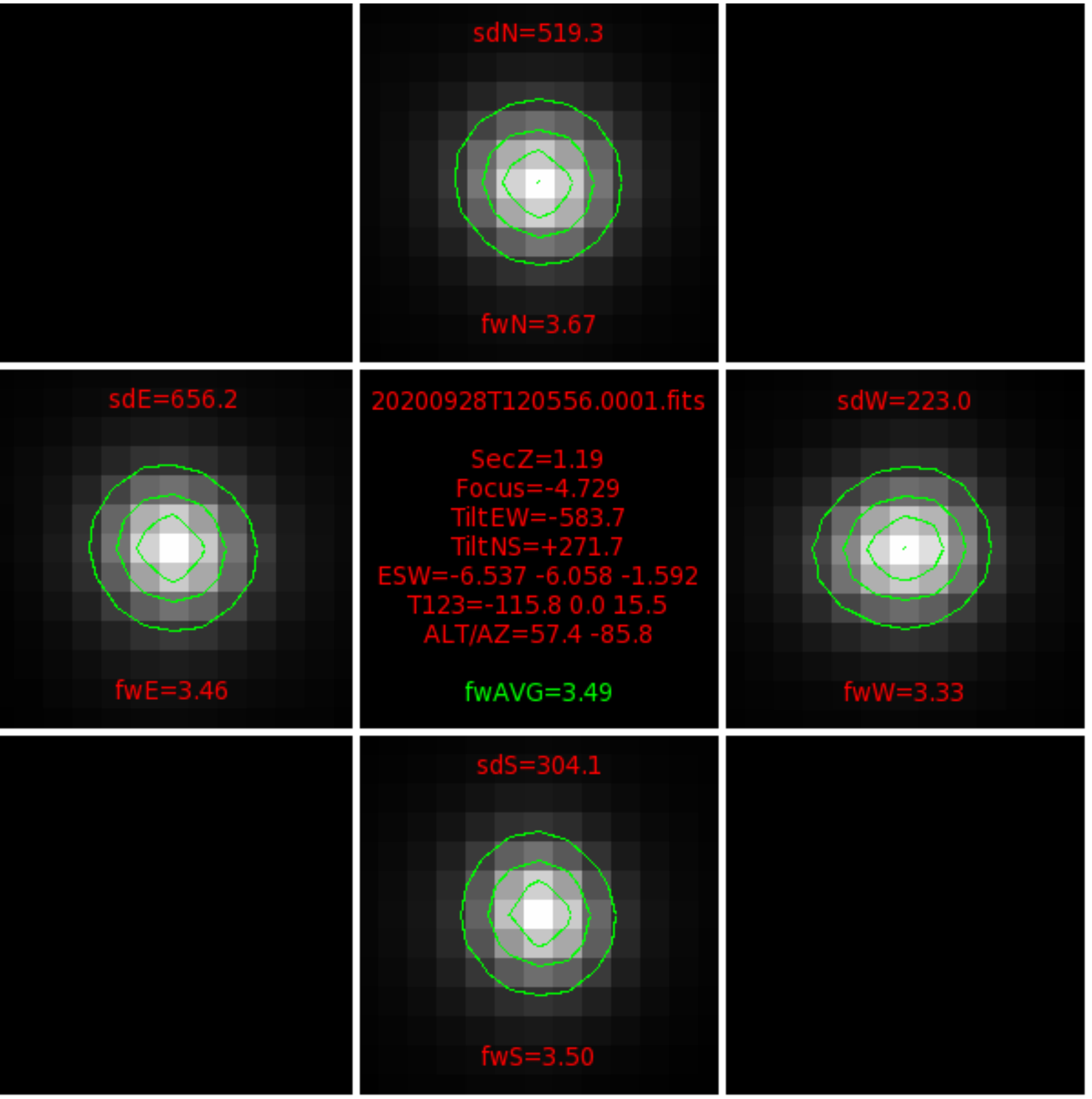
sdN=519.3
fwN=3.67
sdE=656.2
fwE=3.46
20200928T120556.0001.fits
SecZ=1.19
Focus=-4.729
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.537 -6.058 -1.592
T123=-115.8 0.0 15.5
ALT/AZ=57.4 -85.8
fwAVG=3.49
sdW=223.0
fwW=3.33
sdS=304.1
fwS=3.50
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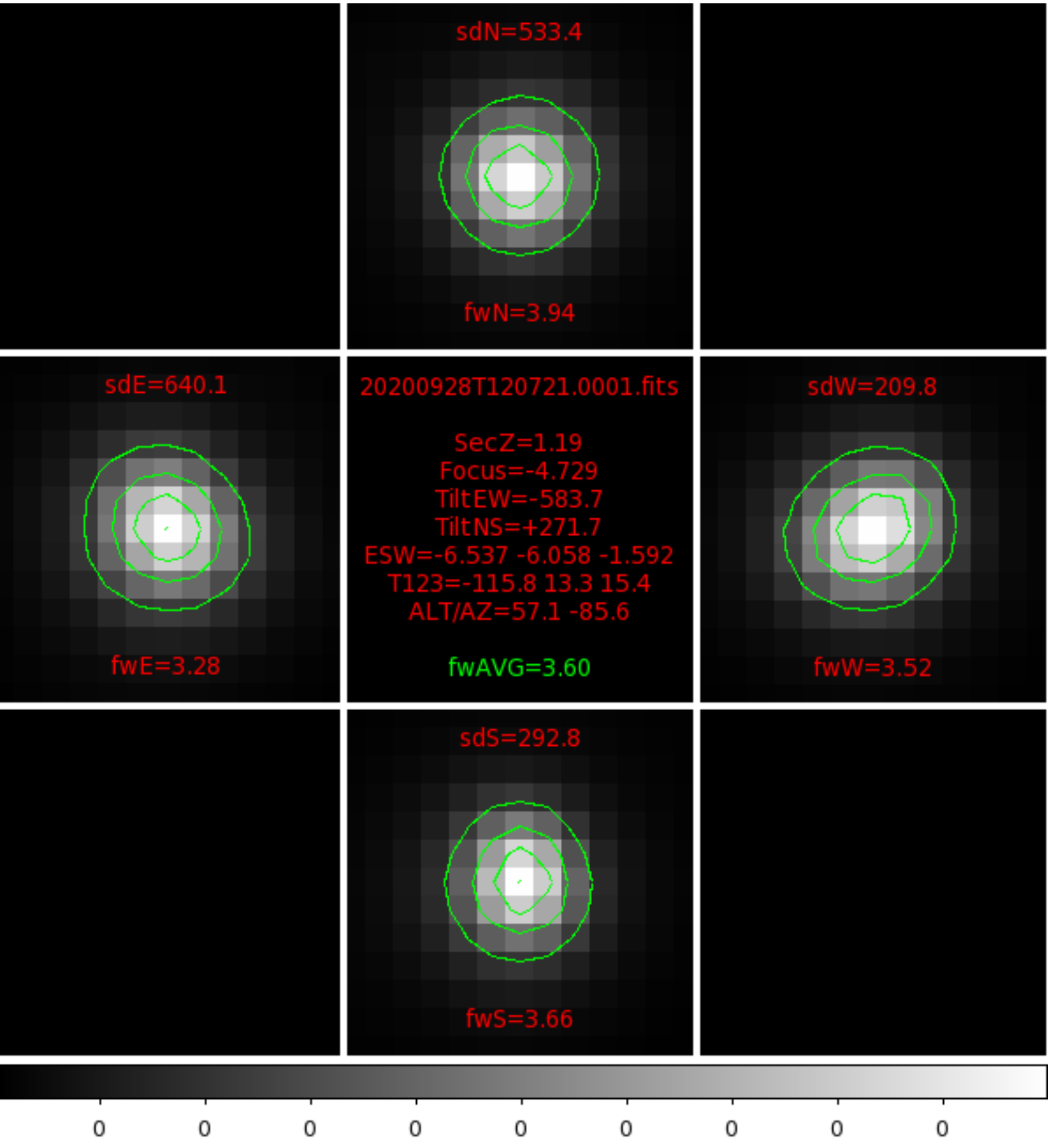
sdN=533.4
fwN=3.94
sdE=640.1
fwE=3.28
20200928T120721.0001.fits
SecZ=1.19
Focus=-4.729
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.537 -6.058 -1.592
T123=-115.8 13.3 15.4
ALT/AZ=57.1 -85.6
fwAVG=3.60
sdW=209.8
fwW=3.52
sdS=292.8
fwS=3.66
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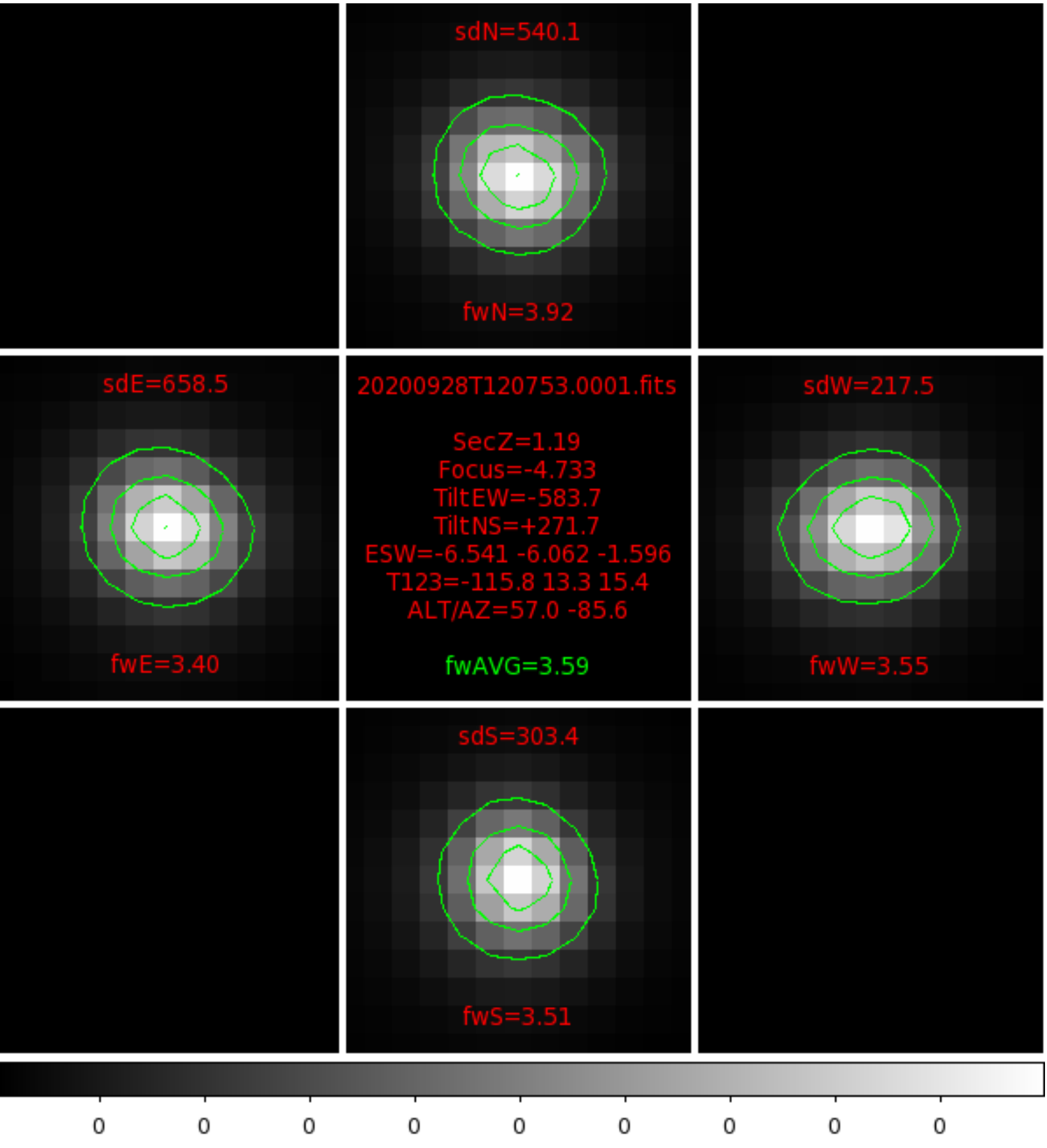
sdN=540.1
fwN=3.92
sdE=658.5
fwE=3.40
20200928T120753.0001.fits
SecZ=1.19
Focus=-4.733
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.541 -6.062 -1.596
T123=-115.8 13.3 15.4
ALT/AZ=57.0 -85.6
fwAVG=3.59
sdW=217.5
fwW=3.55
sdS=303.4
fwS=3.51
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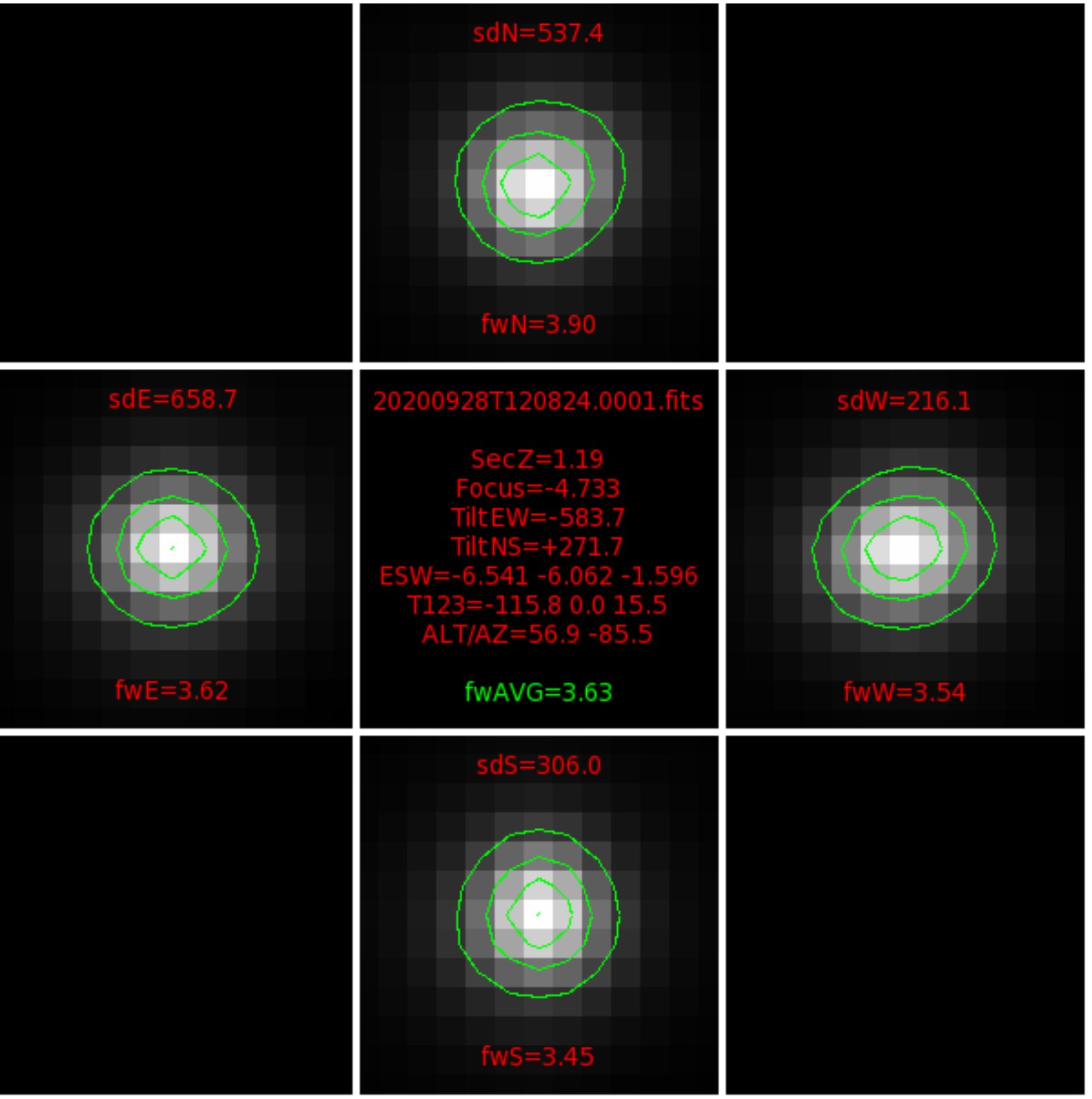
sdN=537.4
fwN=3.90
sdE=658.7
fwE=3.62
20200928T120824.0001.fits
SecZ=1.19
Focus=-4.733
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.541 -6.062 -1.596
T123=-115.8 0.0 15.5
ALT/AZ=56.9 -85.5
fwAVG=3.63
sdW=216.1
fwW=3.54
sdS=306.0
fwS=3.45
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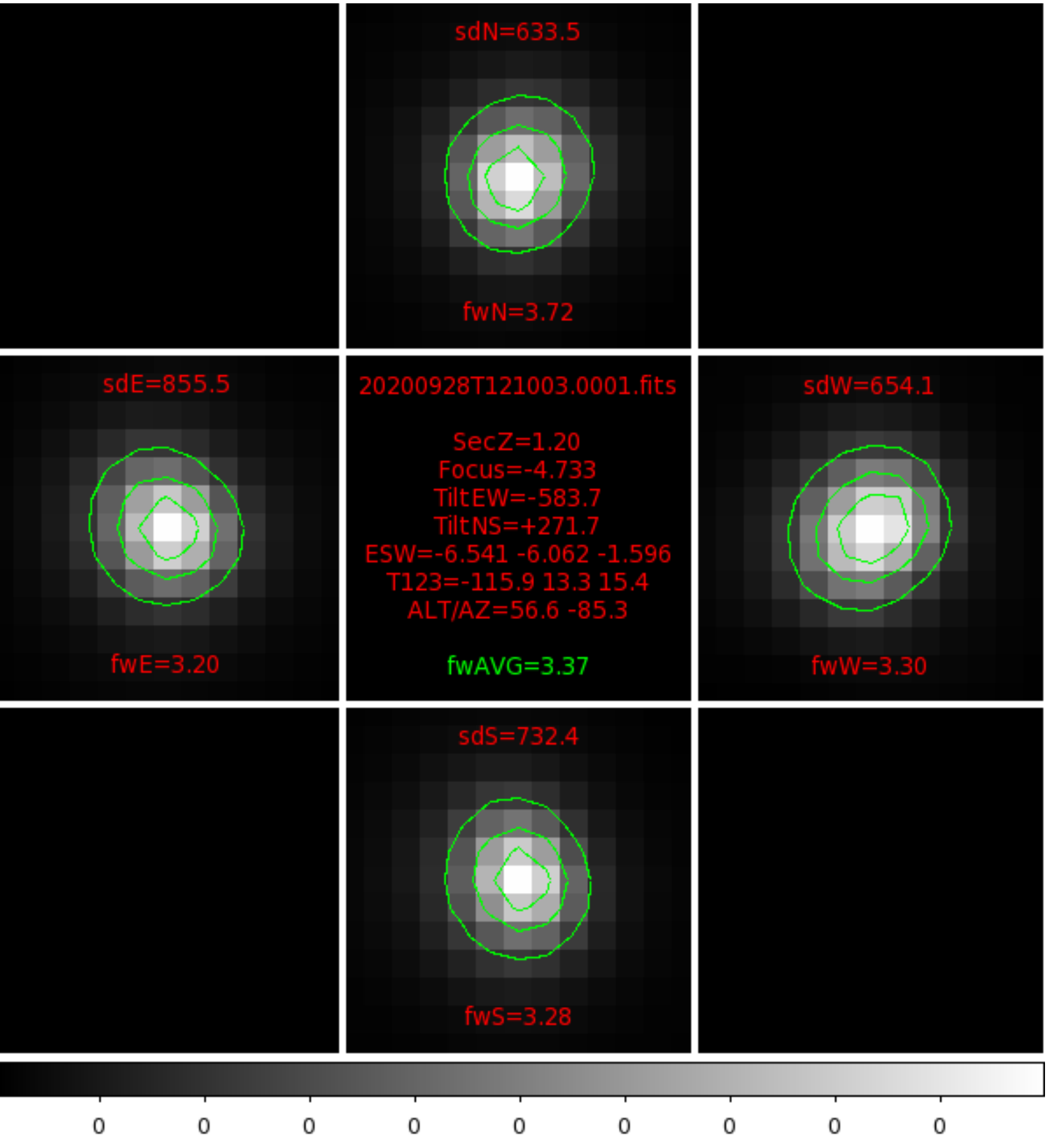
sdN=633.5
fwN=3.72
sdE=855.5
fwE=3.20
20200928T121003.0001.fits
SecZ=1.20
Focus=-4.733
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.541 -6.062 -1.596
T123=-115.9 13.3 15.4
ALT/AZ=56.6 -85.3
fwAVG=3.37
sdW=654.1
fwW=3.30
sdS=732.4
fwS=3.28
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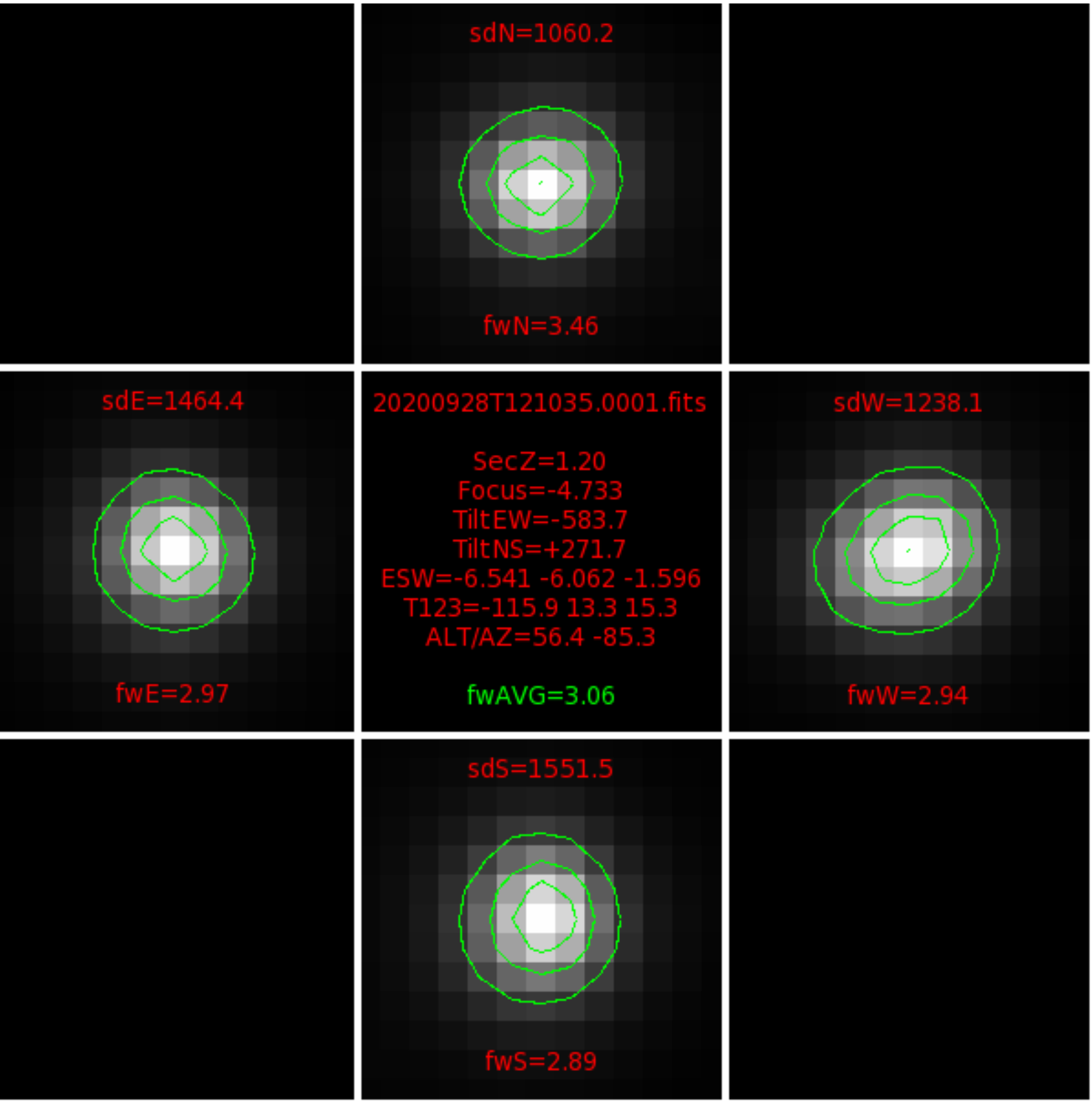
sdN=1060.2
fwN=3.46
sdE=1464.4
fwE=2.97
20200928T121035.0001.fits
SecZ=1.20
Focus=-4.733
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.541 -6.062 -1.596
T123=-115.9 13.3 15.3
ALT/AZ=56.4 -85.3
fwAVG=3.06
sdW=1238.1
fwW=2.94
sdS=1551.5
fwS=2.89
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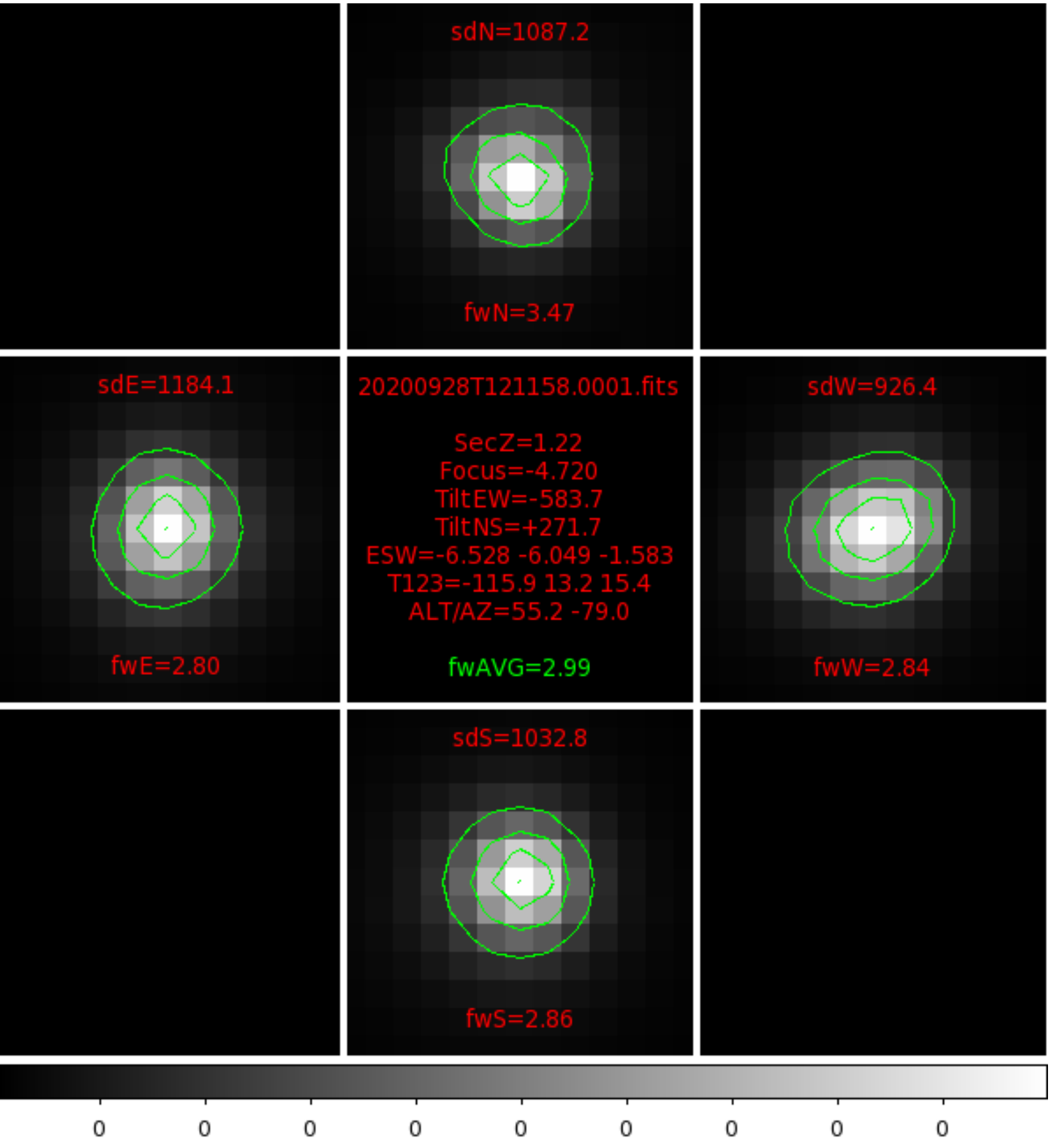
sdN=1087.2
fwN=3.47
sdE=1184.1
fwE=2.80
20200928T121158.0001.fits
SecZ=1.22
Focus=-4.720
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.528 -6.049 -1.583
T123=-115.9 13.2 15.4
ALT/AZ=55.2 -79.0
fwAVG=2.99
sdW=926.4
fwW=2.84
sdS=1032.8
fwS=2.86
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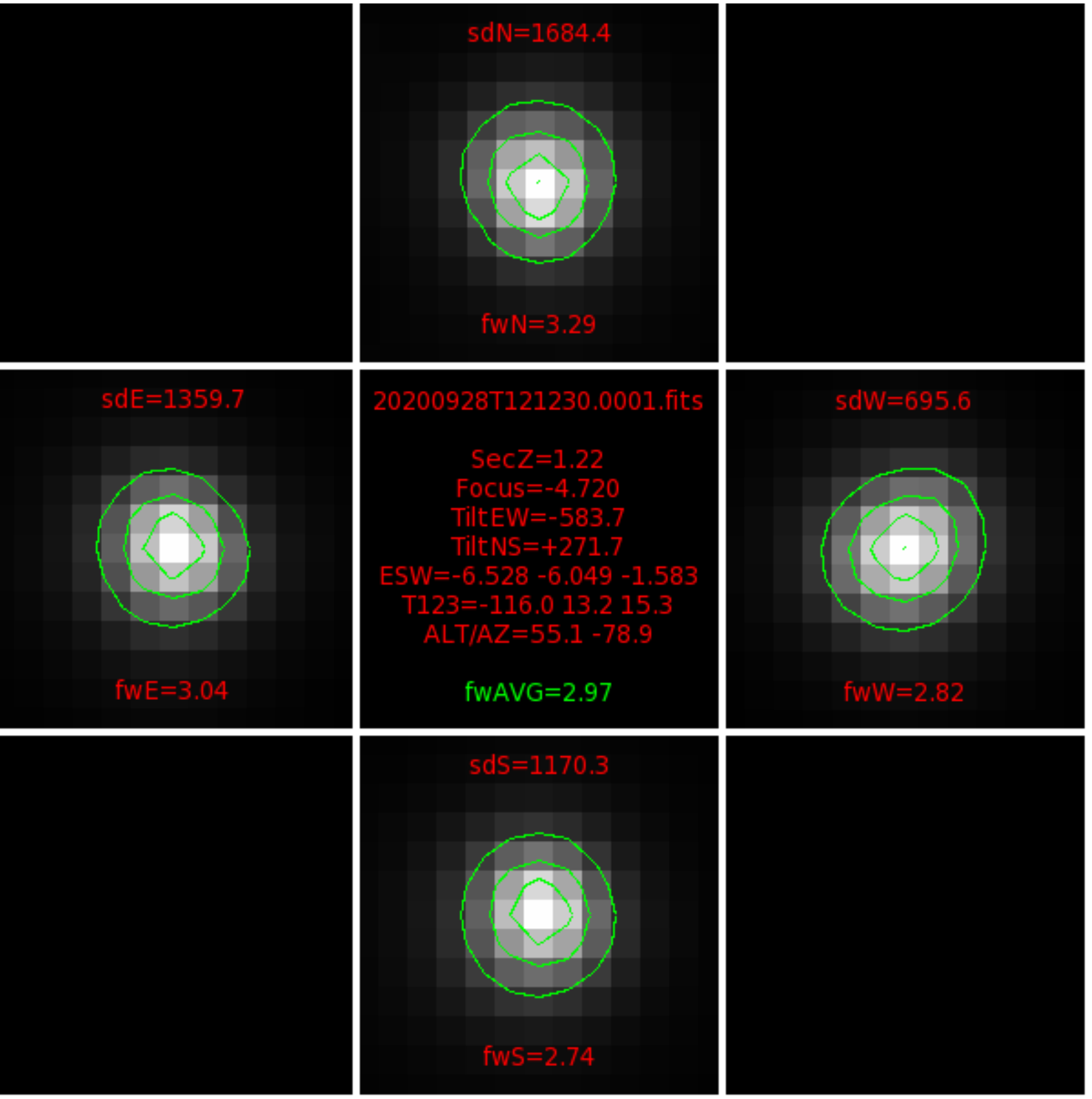
sdN=1684.4
fwN=3.29
sdE=1359.7
fwE=3.04
20200928T121230.0001.fits
SecZ=1.22
Focus=-4.720
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.528 -6.049 -1.583
T123=-116.0 13.2 15.3
ALT/AZ=55.1 -78.9
fwAVG=2.97
sdW=695.6
fwW=2.82
sdS=1170.3
fwS=2.74
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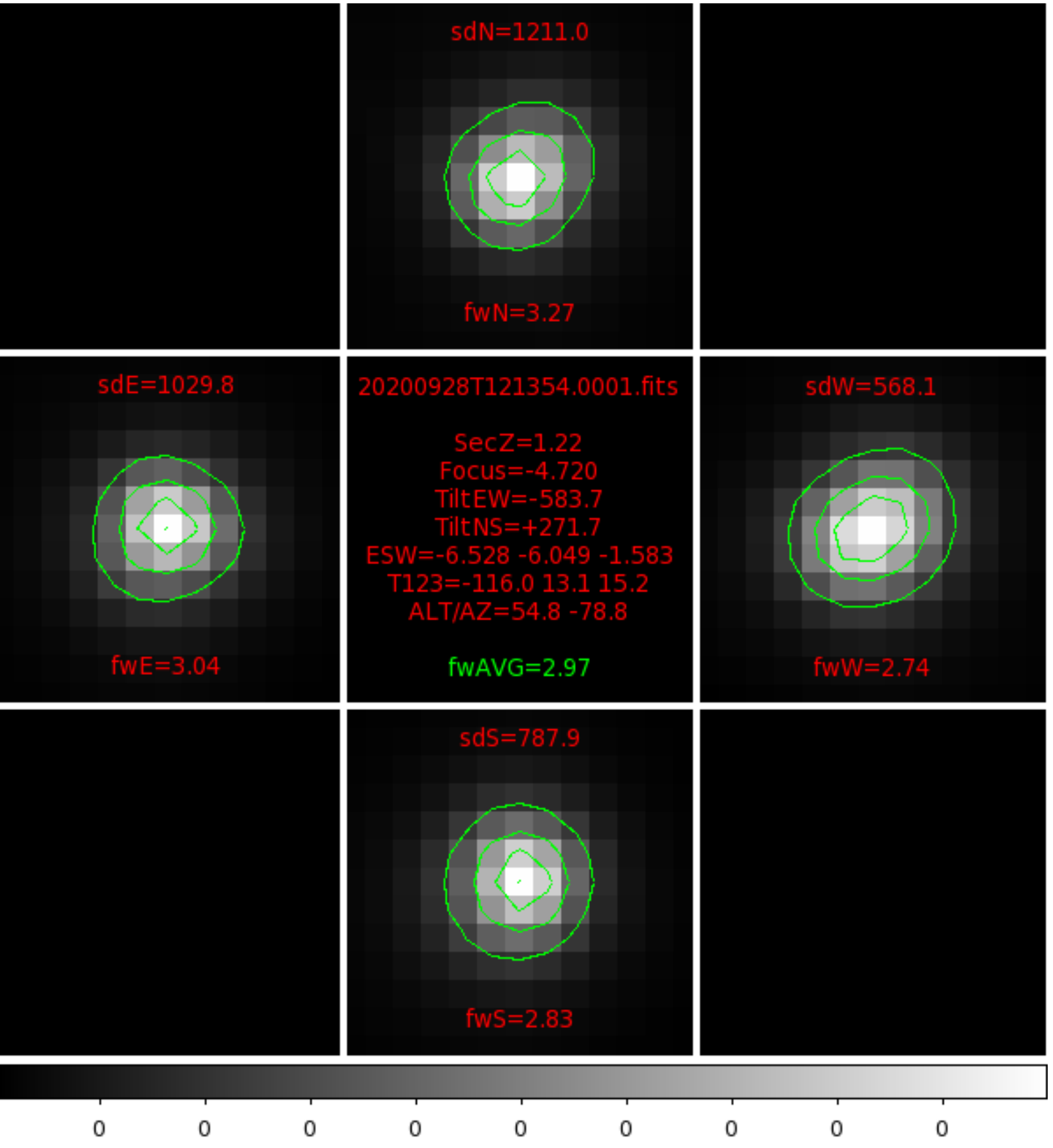
sdN=1211.0
fwN=3.27
sdE=1029.8
fwE=3.04
20200928T121354.0001.fits
SecZ=1.22
Focus=-4.720
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.528 -6.049 -1.583
T123=-116.0 13.1 15.2
ALT/AZ=54.8 -78.8
fwAVG=2.97
sdW=568.1
fwW=2.74
sdS=787.9
fwS=2.83
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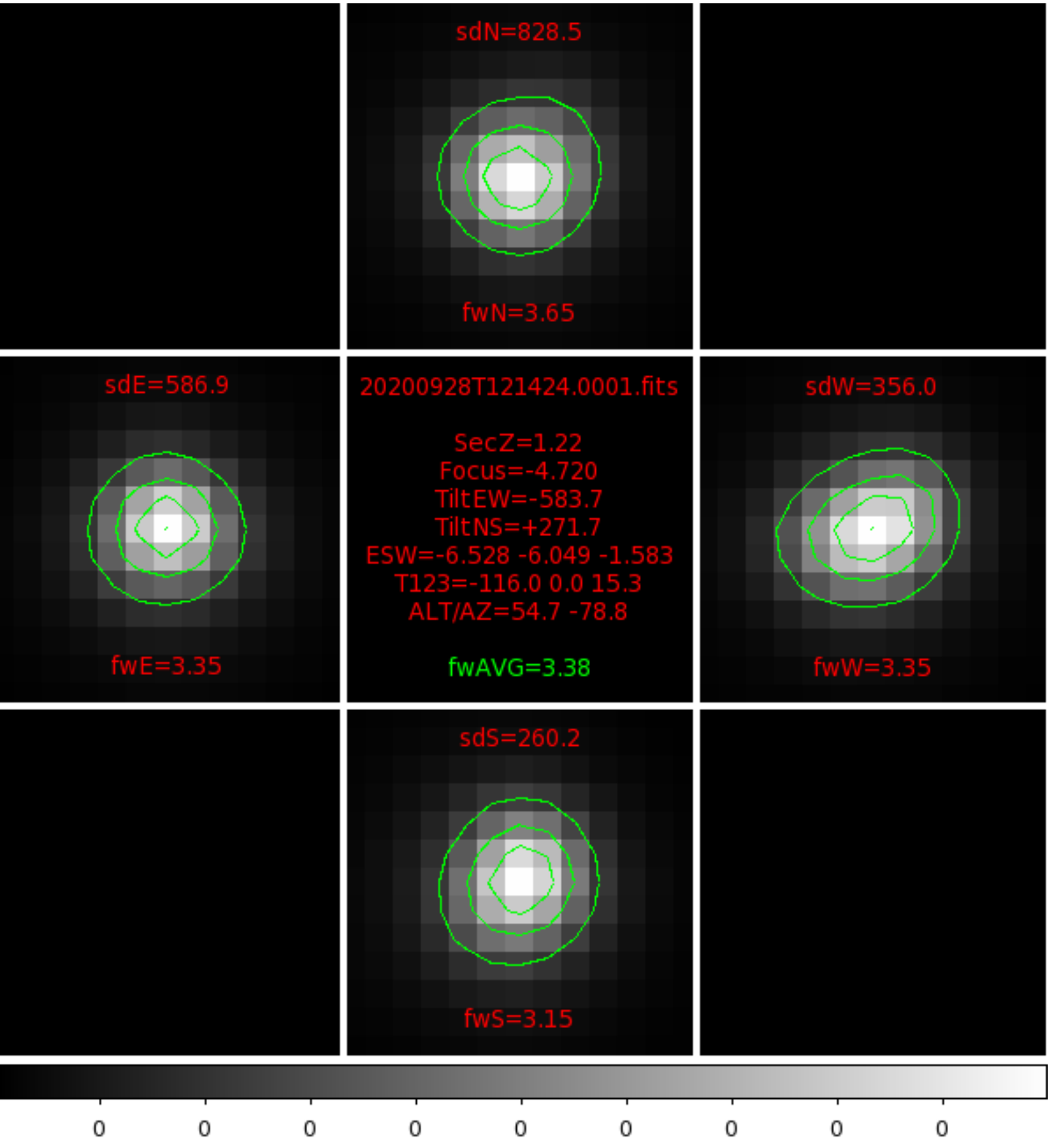
sdN=828.5
fwN=3.65
sdE=586.9
fwE=3.35
20200928T121424.0001.fits
SecZ=1.22
Focus=-4.720
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.528 -6.049 -1.583
T123=-116.0 0.0 15.3
ALT/AZ=54.7 -78.8
fwAVG=3.38
sdW=356.0
fwW=3.35
sdS=260.2
fwS=3.15
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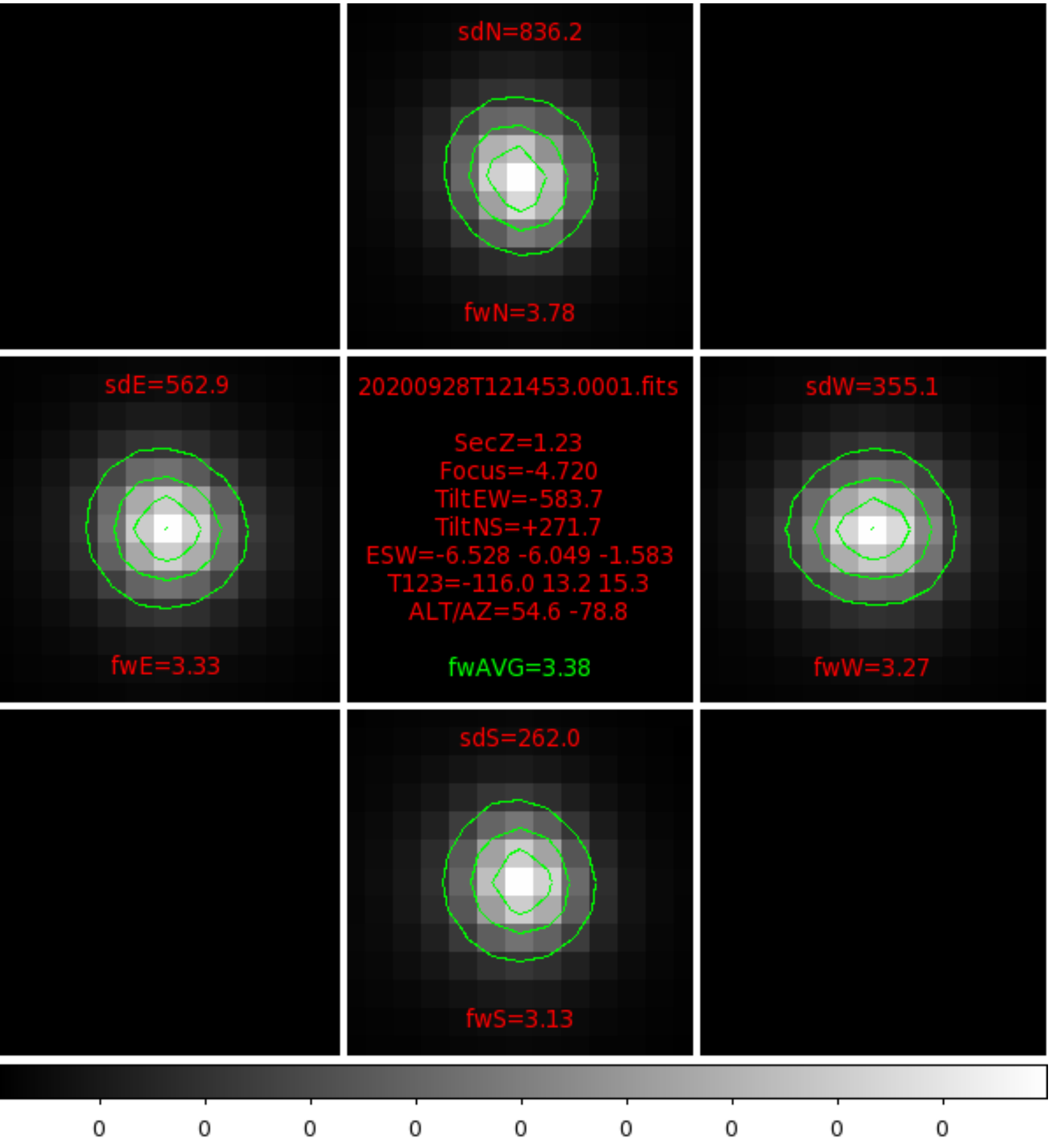
sdN=836.2
fwN=3.78
sdE=562.9
fwE=3.33
20200928T121453.0001.fits
SecZ=1.23
Focus=-4.720
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.528 -6.049 -1.583
T123=-116.0 13.2 15.3
ALT/AZ=54.6 -78.8
fwAVG=3.38
sdW=355.1
fwW=3.27
sdS=262.0
fwS=3.13
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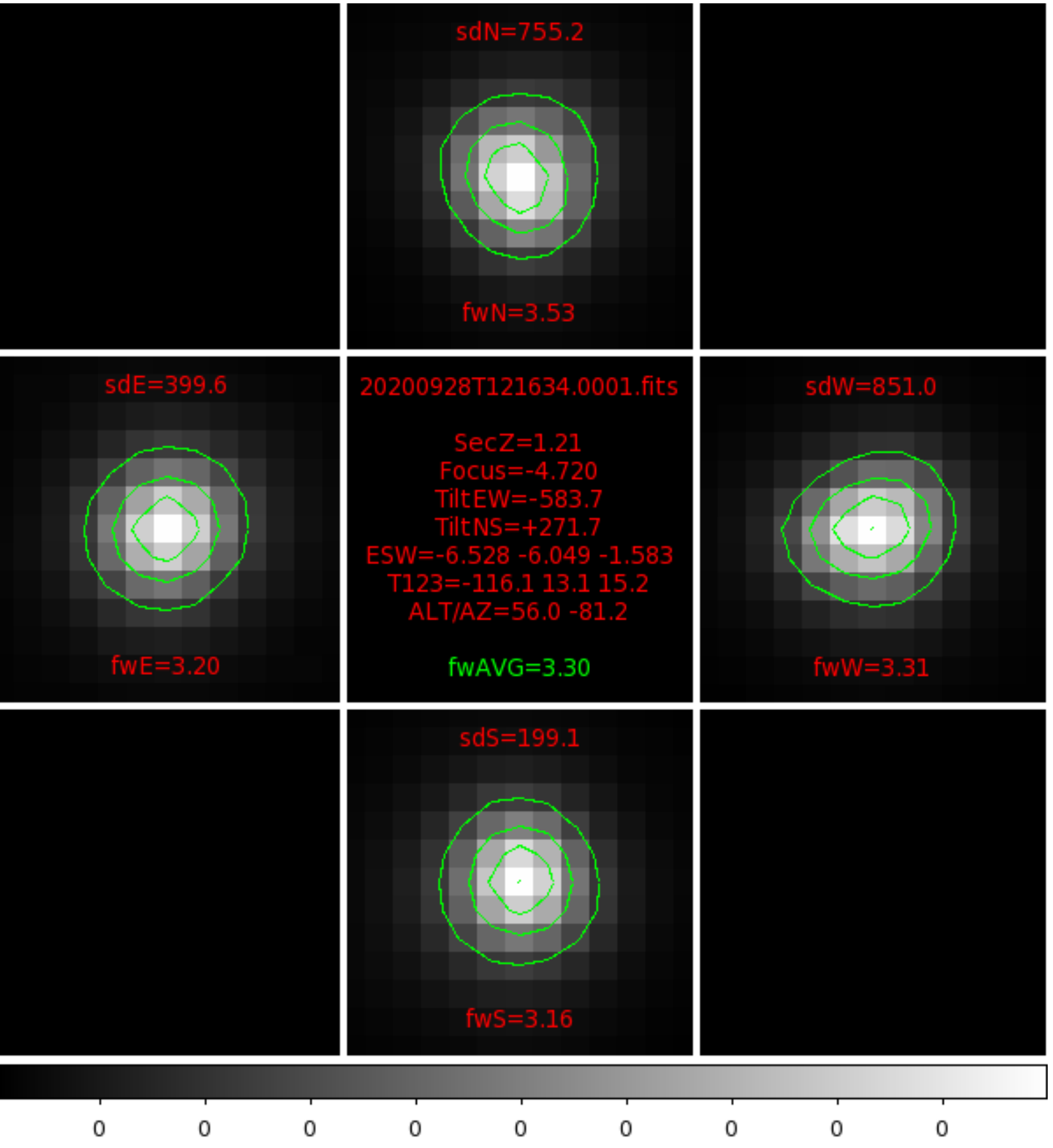
sdN=755.2
fwN=3.53
sdE=399.6
fwE=3.20
20200928T121634.0001.fits
SecZ=1.21
Focus=-4.720
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.528 -6.049 -1.583
T123=-116.1 13.1 15.2
ALT/AZ=56.0 -81.2
fwAVG=3.30
sdW=851.0
fwW=3.31
sdS=199.1
fwS=3.16
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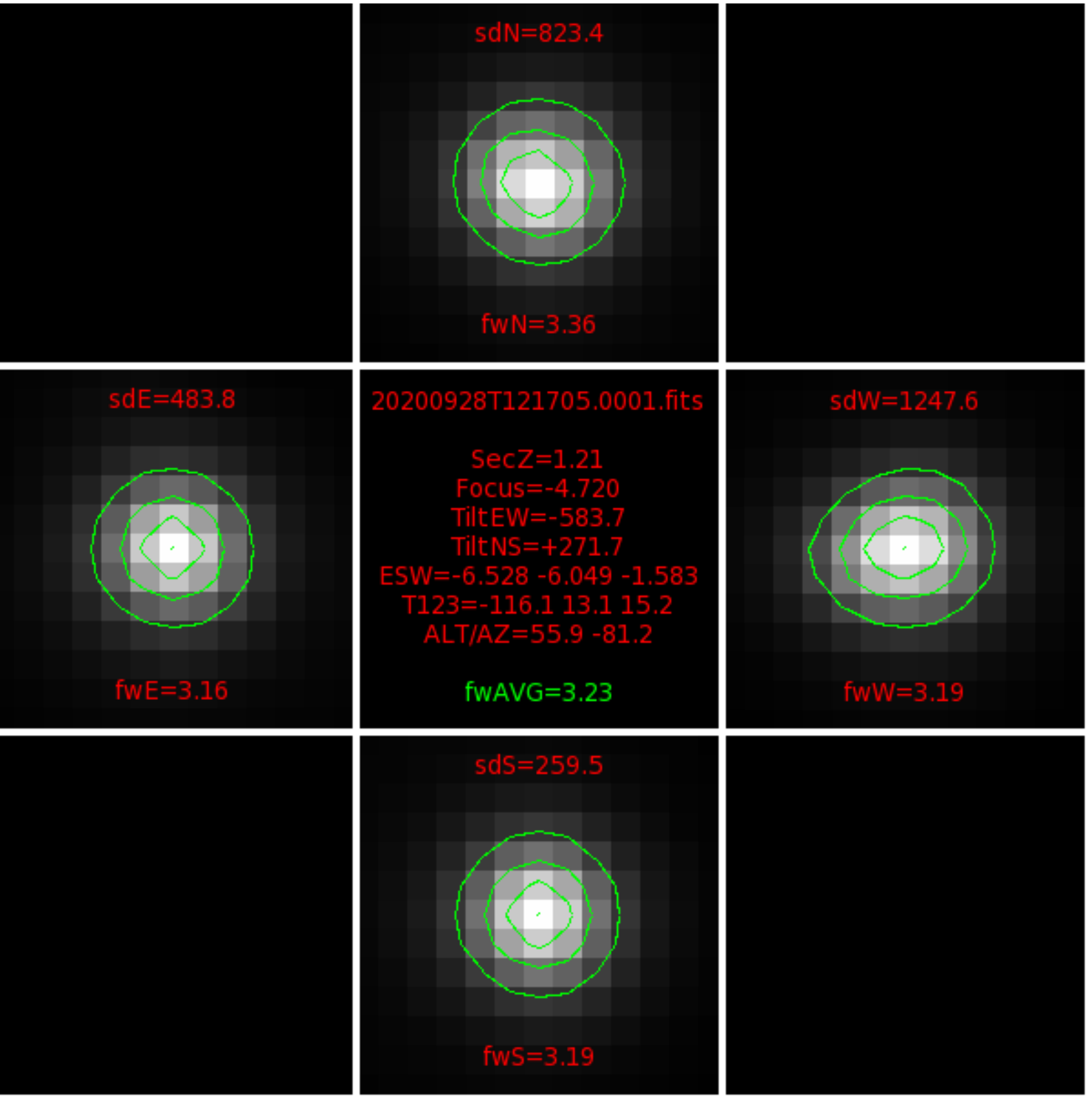
sdN=823.4
fwN=3.36
sdE=483.8
fwE=3.16
20200928T121705.0001.fits
SecZ=1.21
Focus=-4.720
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.528 -6.049 -1.583
T123=-116.1 13.1 15.2
ALT/AZ=55.9 -81.2
fwAVG=3.23
sdW=1247.6
fwW=3.19
sdS=259.5
fwS=3.19
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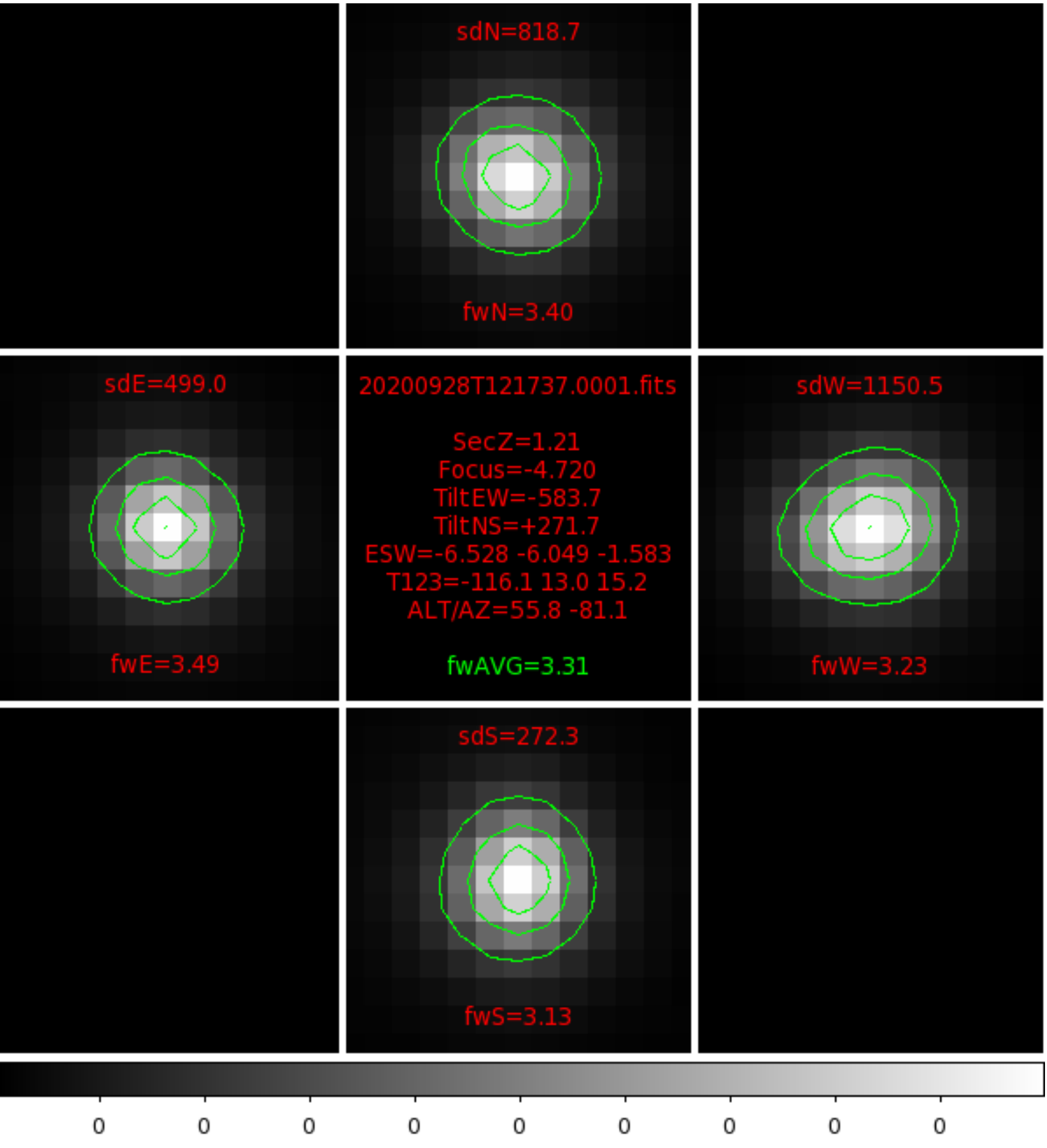
sdN=818.7
fwN=3.40
sdE=499.0
fwE=3.49
20200928T121737.0001.fits
SecZ=1.21
Focus=-4.720
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.528 -6.049 -1.583
T123=-116.1 13.0 15.2
ALT/AZ=55.8 -81.1
fwAVG=3.31
sdW=1150.5
fwW=3.23
sdS=272.3
fwS=3.13
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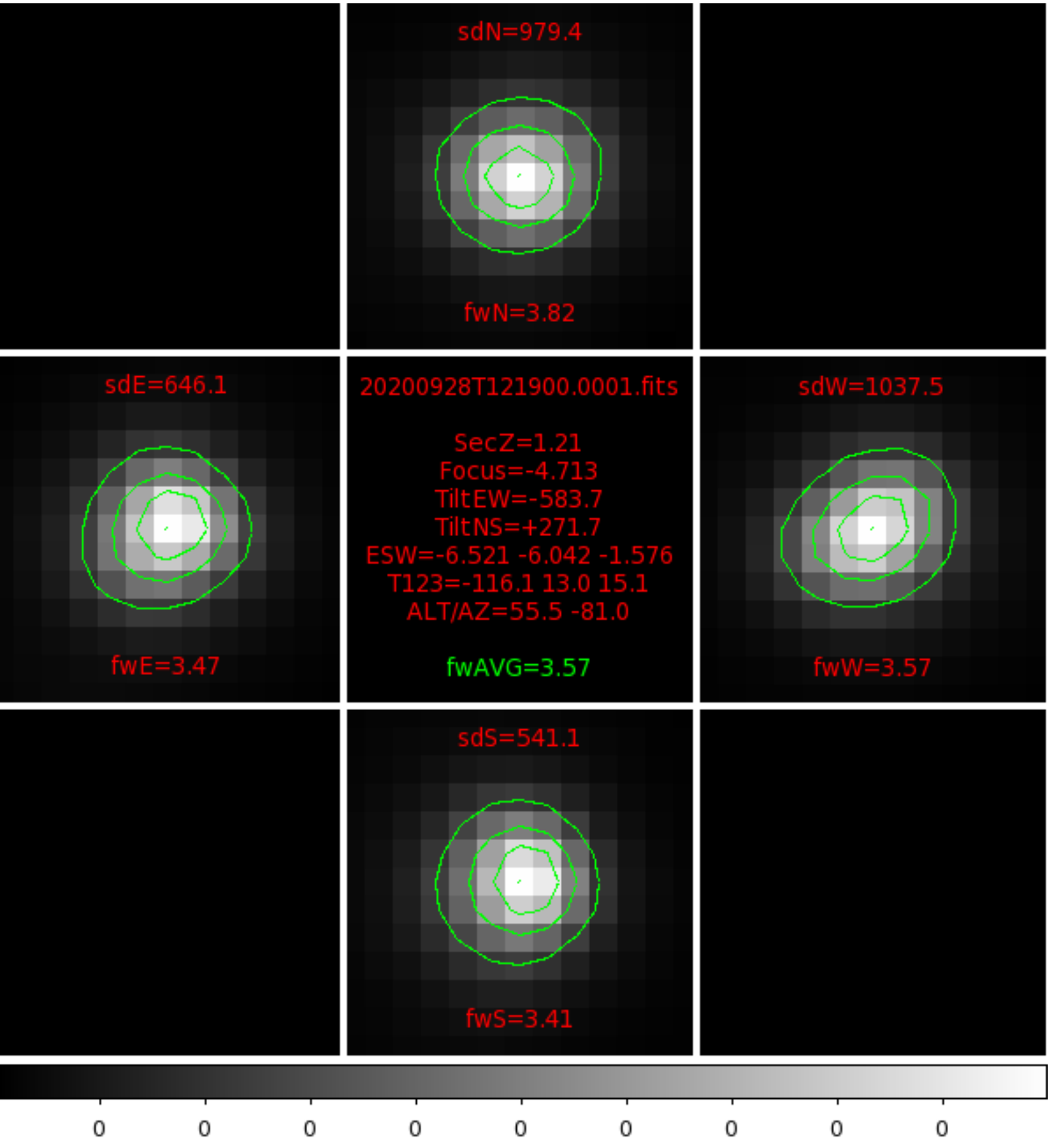
sdN=979.4
fwN=3.82
sdE=646.1
fwE=3.47
20200928T121900.0001.fits
SecZ=1.21
Focus=-4.713
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.521 -6.042 -1.576
T123=-116.1 13.0 15.1
ALT/AZ=55.5 -81.0
fwAVG=3.57
sdW=1037.5
fwW=3.57
sdS=541.1
fwS=3.41
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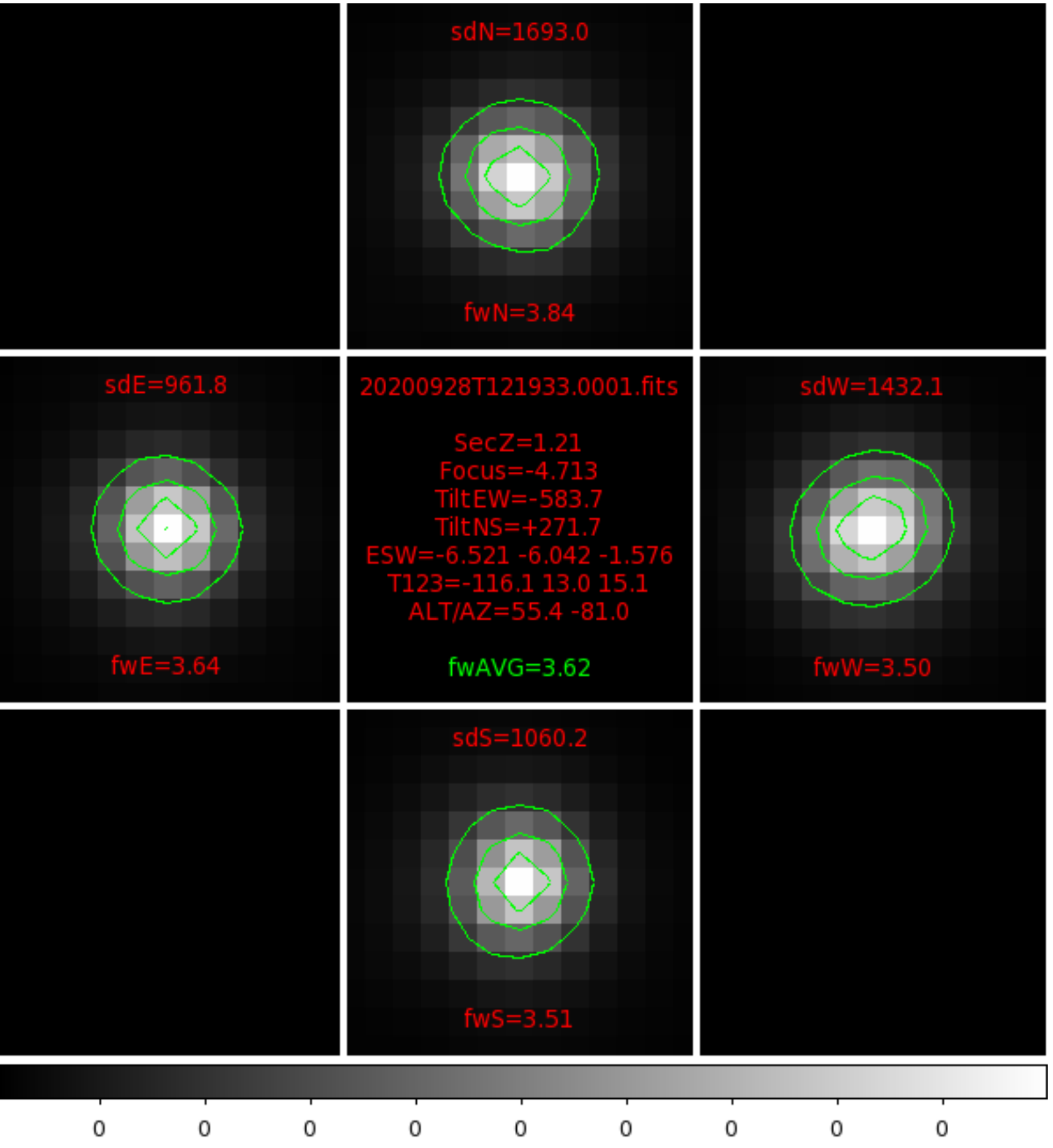
sdN=1693.0
fwN=3.84
sdE=961.8
fwE=3.64
20200928T121933.0001.fits
SecZ=1.21
Focus=-4.713
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.521 -6.042 -1.576
T123=-116.1 13.0 15.1
ALT/AZ=55.4 -81.0
fwAVG=3.62
sdW=1432.1
fwW=3.50
sdS=1060.2
fwS=3.51
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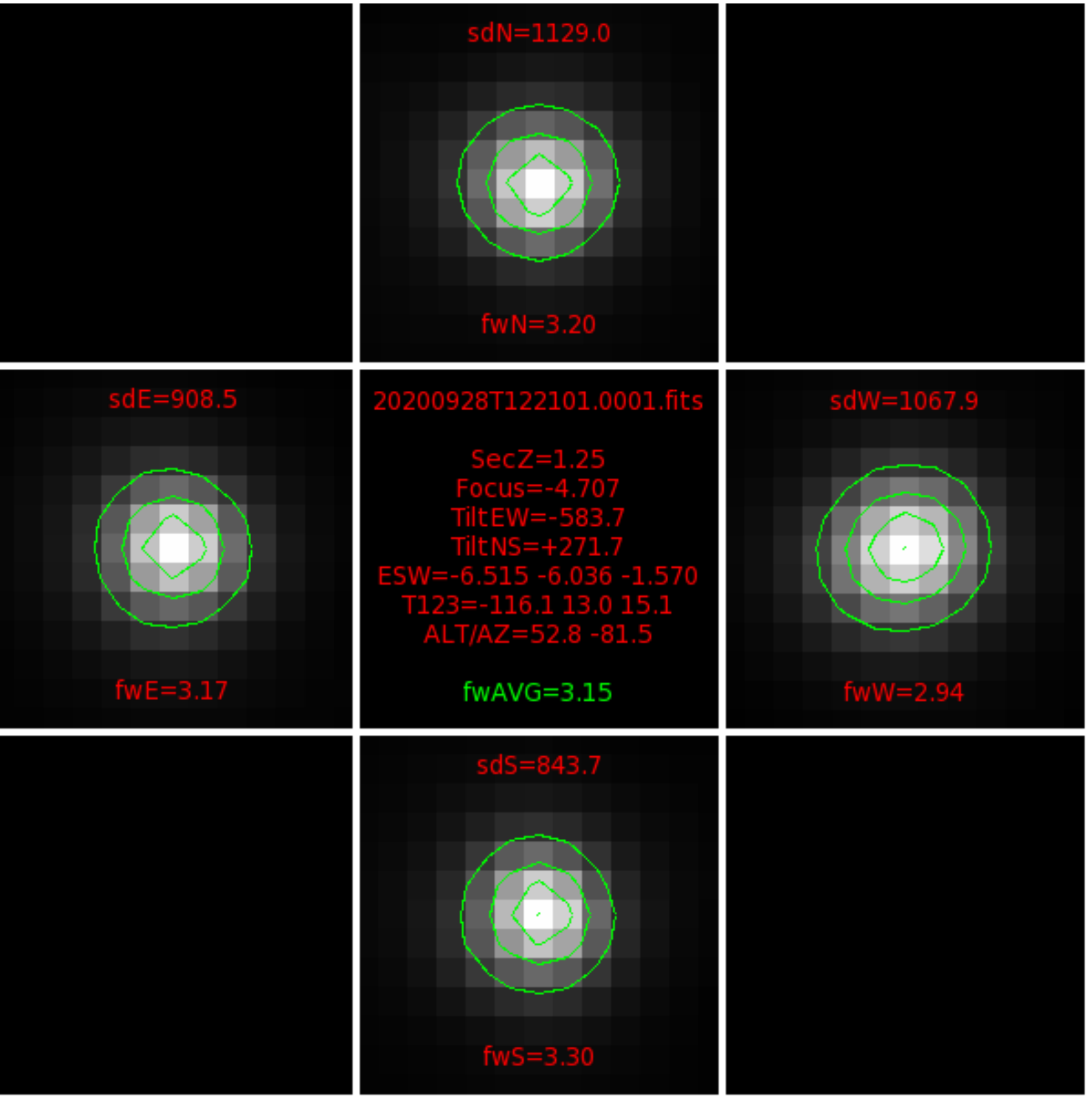
sdN=1129.0
fwN=3.20
sdE=908.5
fwE=3.17
20200928T122101.0001.fits
SecZ=1.25
Focus=-4.707
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.515 -6.036 -1.570
T123=-116.1 13.0 15.1
ALT/AZ=52.8 -81.5
fwAVG=3.15
sdW=1067.9
fwW=2.94
sdS=843.7
fwS=3.30
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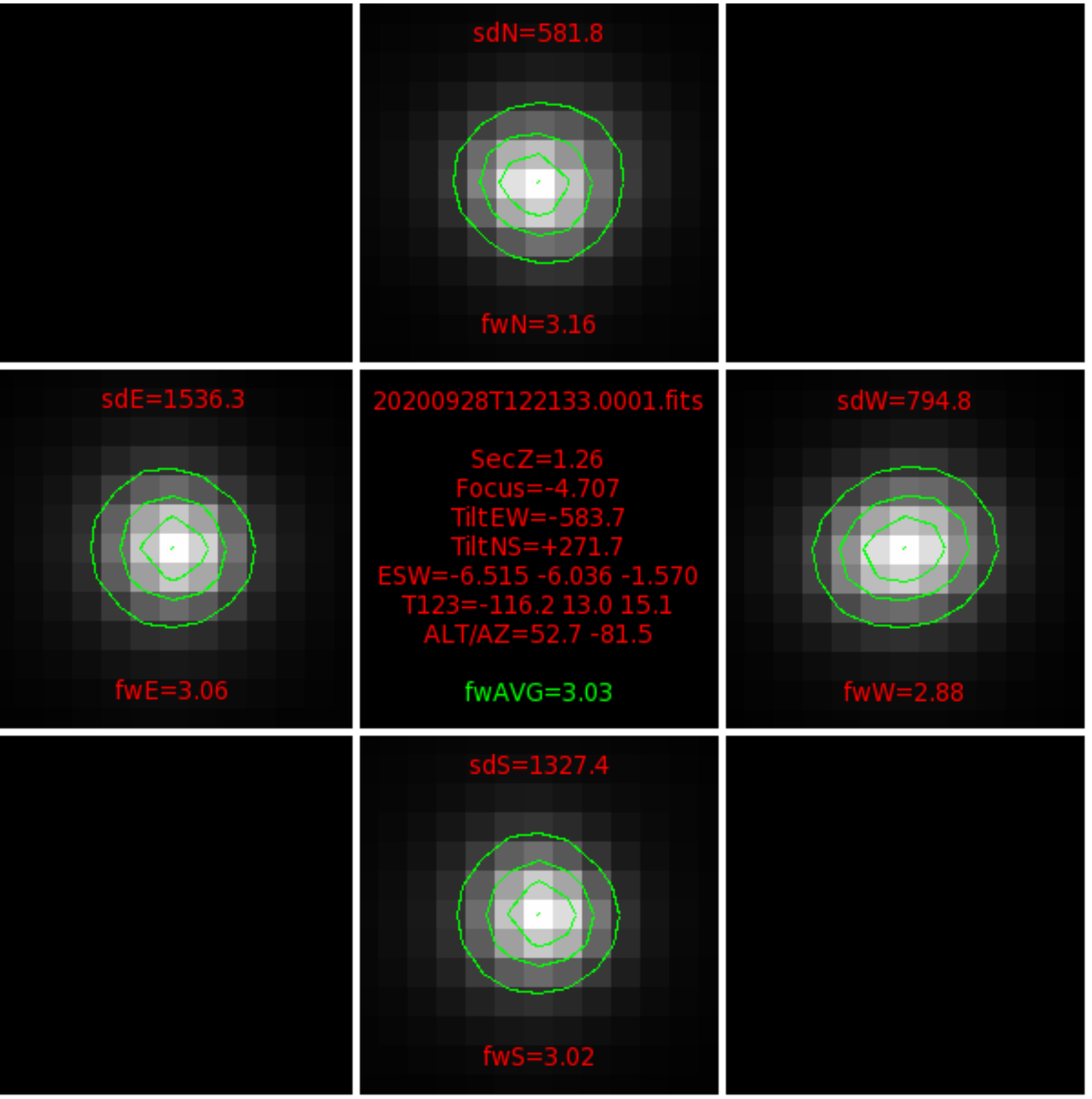
sdN=581.8
fwN=3.16
sdE=1536.3
fwE=3.06
20200928T122133.0001.fits
SecZ=1.26
Focus=-4.707
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.515 -6.036 -1.570
T123=-116.2 13.0 15.1
ALT/AZ=52.7 -81.5
fwAVG=3.03
sdW=794.8
fwW=2.88
sdS=1327.4
fwS=3.02
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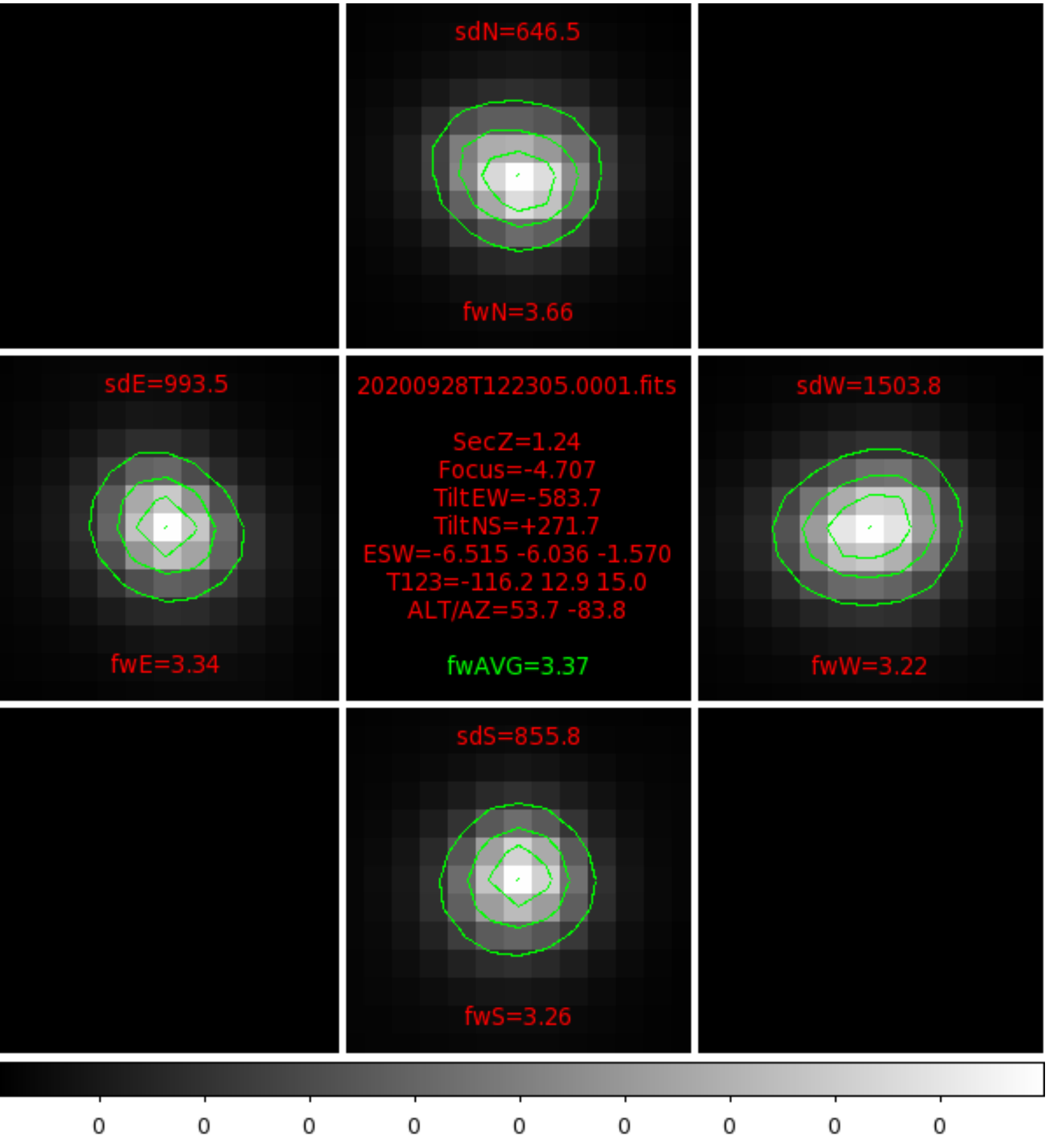
sdN=646.5
fwN=3.66
sdE=993.5
fwE=3.34
20200928T122305.0001.fits
SecZ=1.24
Focus=-4.707
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.515 -6.036 -1.570
T123=-116.2 12.9 15.0
ALT/AZ=53.7 -83.8
fwAVG=3.37
sdW=1503.8
fwW=3.22
sdS=855.8
fwS=3.26
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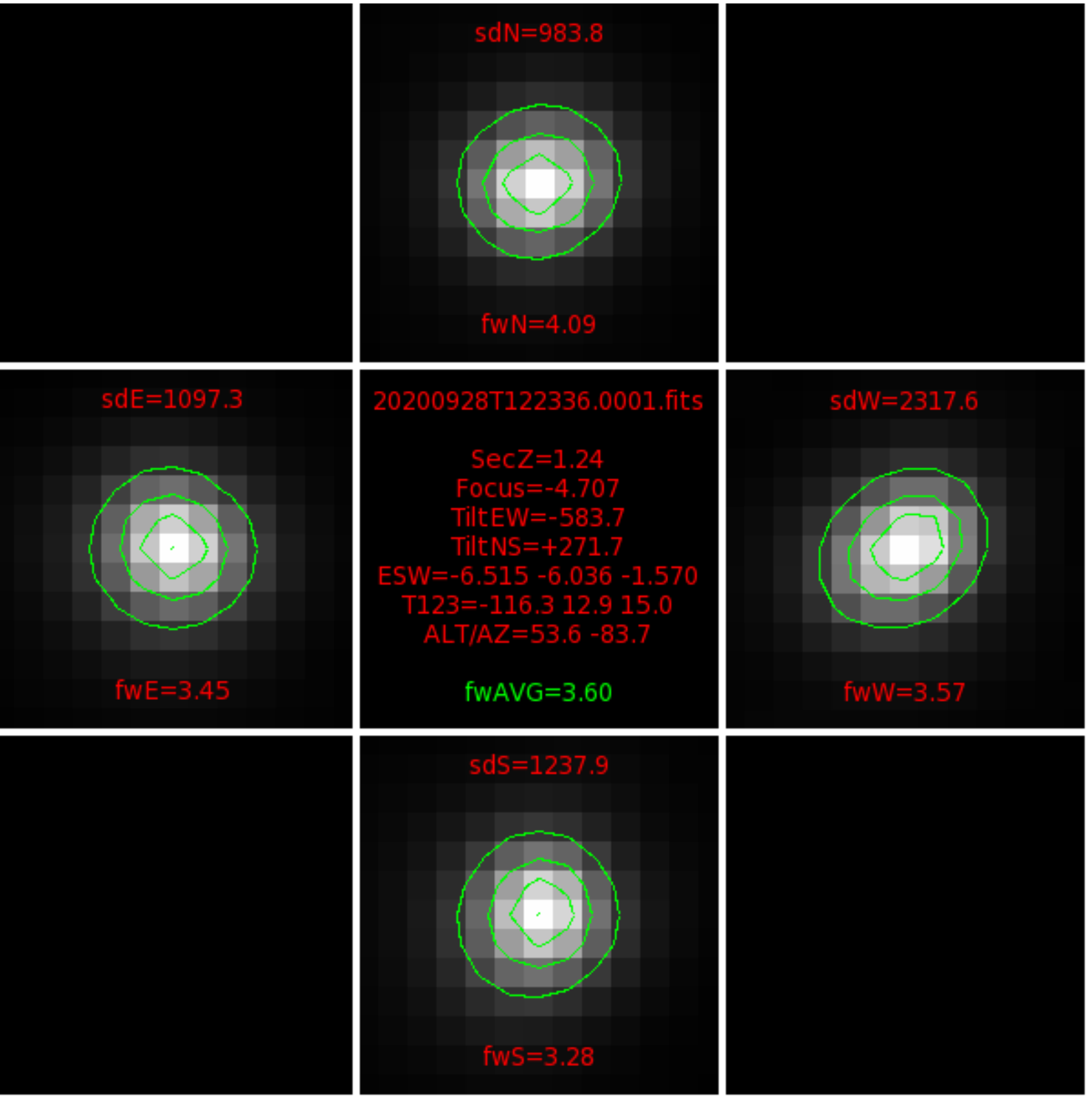
sdN=983.8
fwN=4.09
sdE=1097.3
fwE=3.45
20200928T122336.0001.fits
SecZ=1.24
Focus=-4.707
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.515 -6.036 -1.570
T123=-116.3 12.9 15.0
ALT/AZ=53.6 -83.7
fwAVG=3.60
sdW=2317.6
fwW=3.57
sdS=1237.9
fwS=3.28
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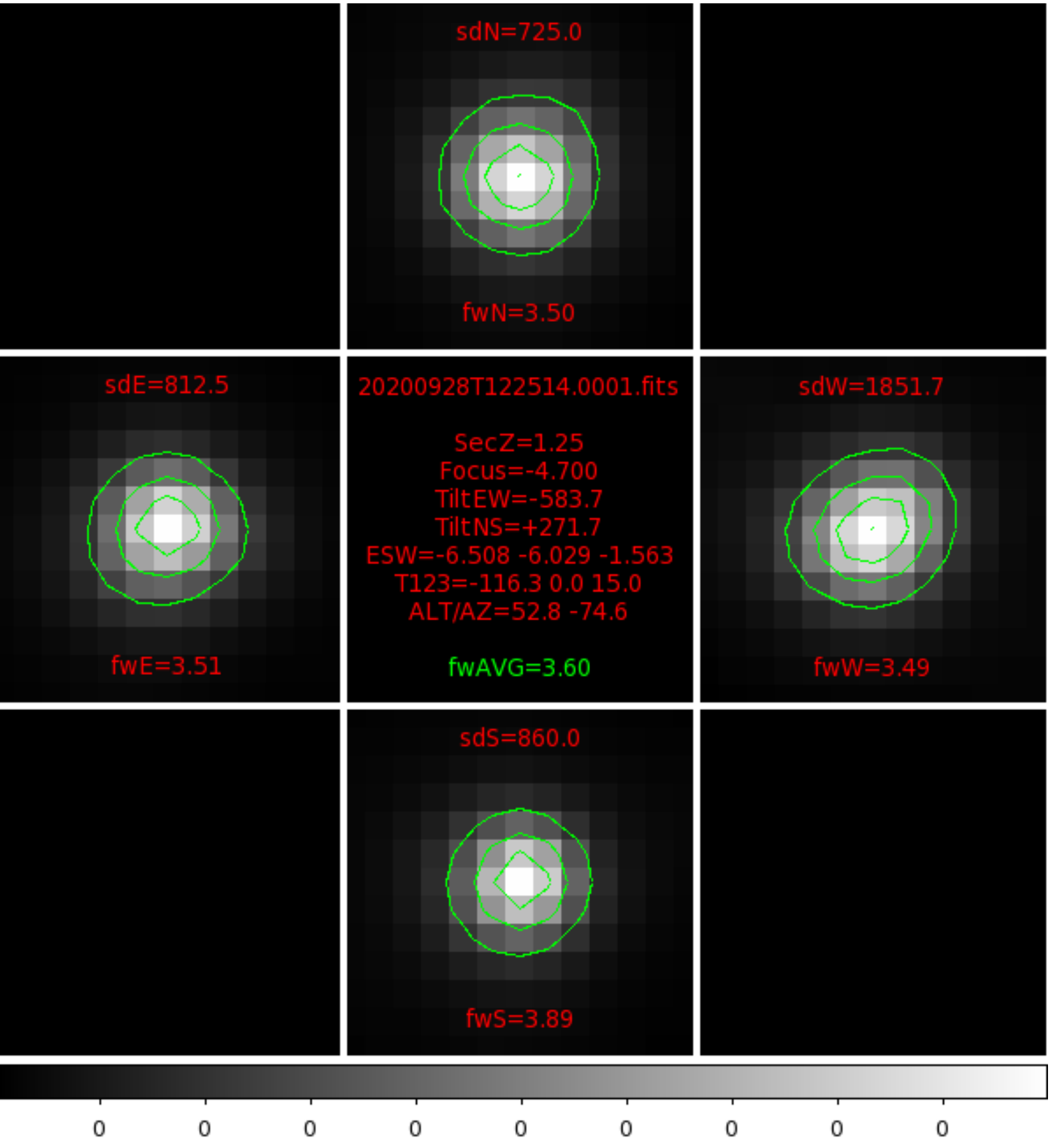
sdN=725.0
fwN=3.50
sdE=812.5
fwE=3.51
20200928T122514.0001.fits
SecZ=1.25
Focus=-4.700
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.508 -6.029 -1.563
T123=-116.3 0.0 15.0
ALT/AZ=52.8 -74.6
fwAVG=3.60
sdW=1851.7
fwW=3.49
sdS=860.0
fwS=3.89
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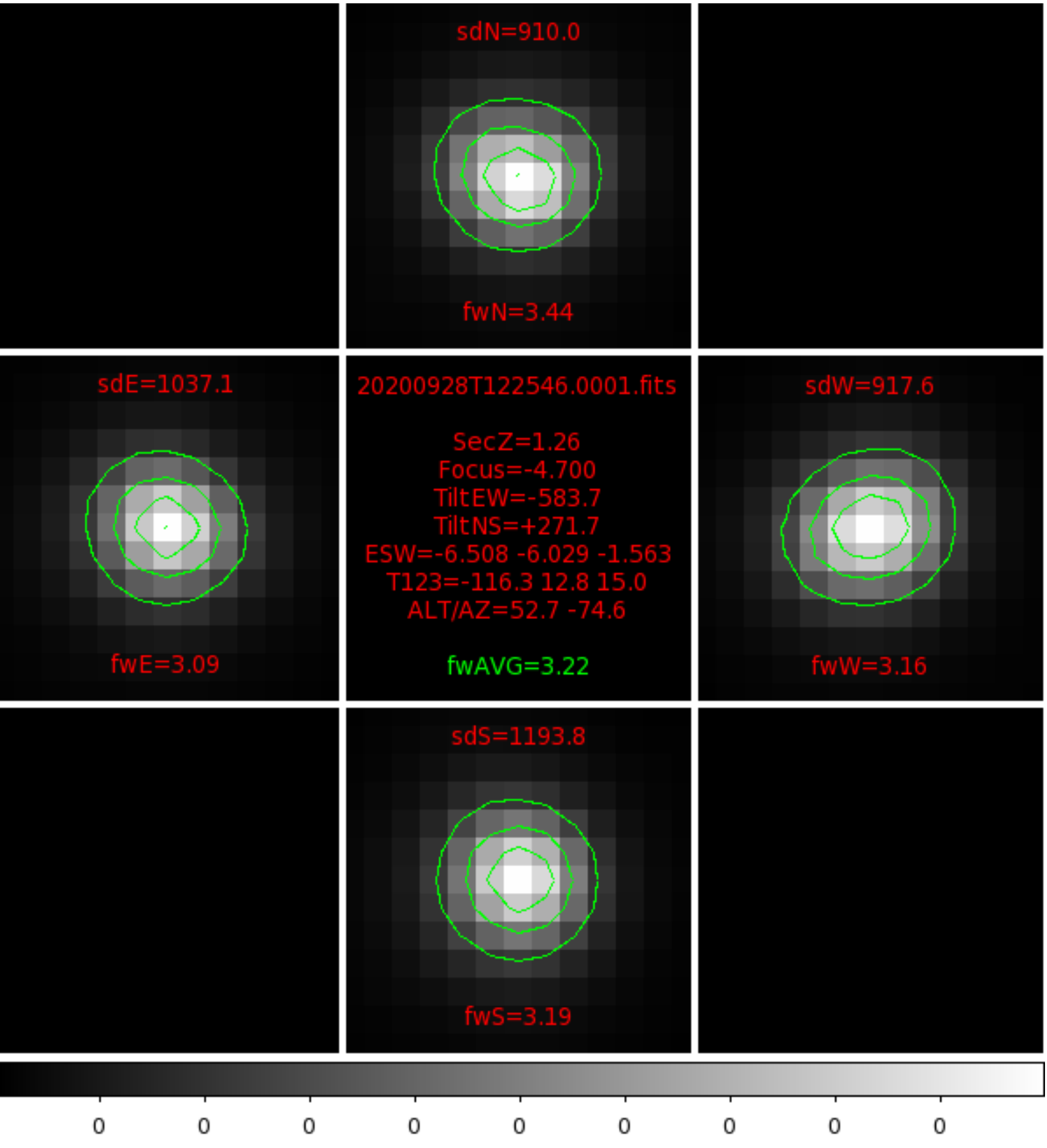
sdN=910.0
fwN=3.44
sdE=1037.1
fwE=3.09
20200928T122546.0001.fits
SecZ=1.26
Focus=-4.700
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.508 -6.029 -1.563
T123=-116.3 12.8 15.0
ALT/AZ=52.7 -74.6
fwAVG=3.22
sdW=917.6
fwW=3.16
sdS=1193.8
fwS=3.19
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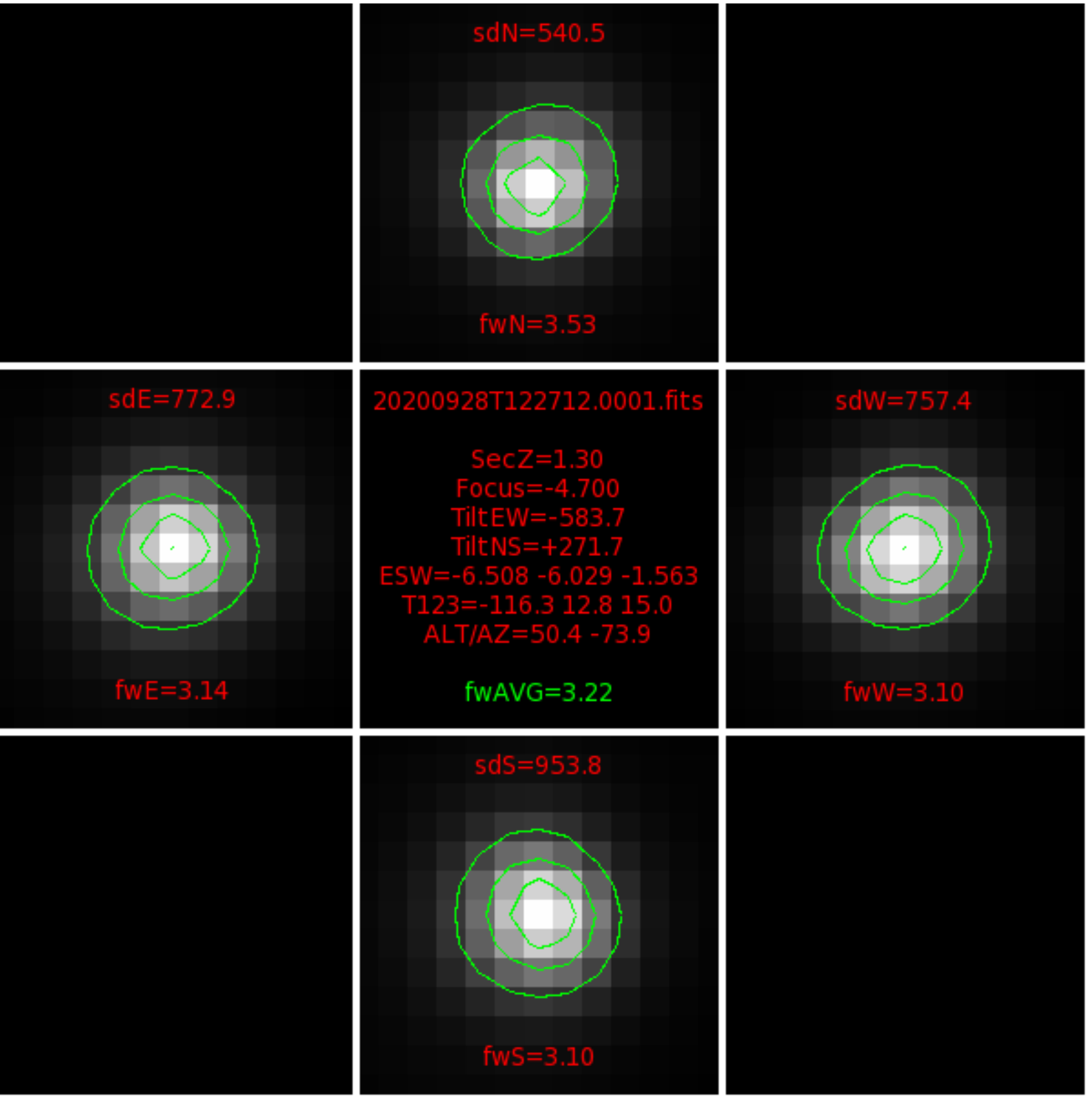
sdN=540.5
fwN=3.53
sdE=772.9
fwE=3.14
20200928T122712.0001.fits
SecZ=1.30
Focus=-4.700
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.508 -6.029 -1.563
T123=-116.3 12.8 15.0
ALT/AZ=50.4 -73.9
fwAVG=3.22
sdW=757.4
fwW=3.10
sdS=953.8
fwS=3.10
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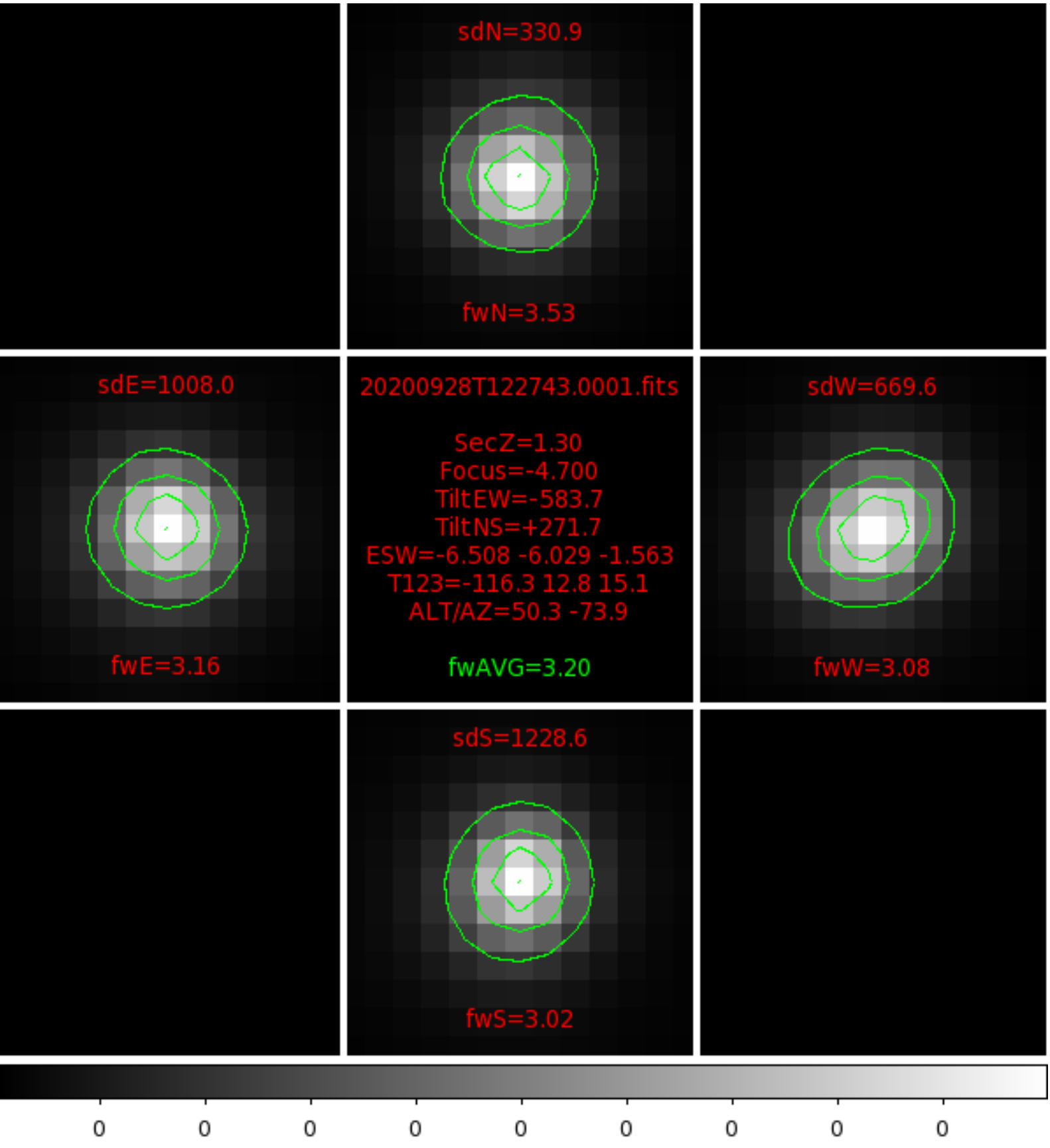
sdN=330.9
fwN=3.53
sdE=1008.0
fwE=3.16
20200928T122743.0001.fits
SecZ=1.30
Focus=-4.700
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.508 -6.029 -1.563
T123=-116.3 12.8 15.1
ALT/AZ=50.3 -73.9
fwAVG=3.20
sdW=669.6
fwW=3.08
sdS=1228.6
fwS=3.02
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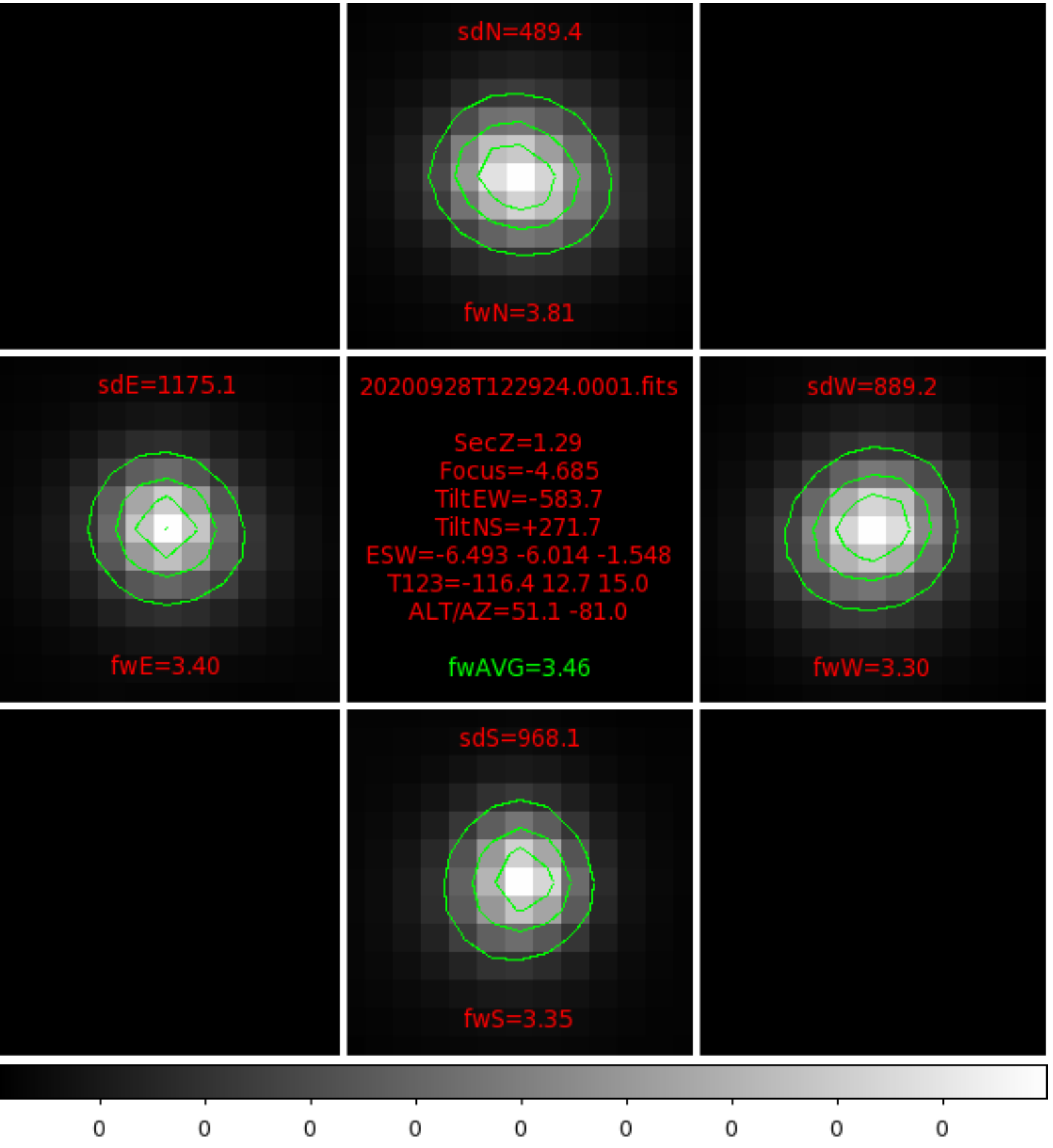
sdN=489.4
fwN=3.81
sdE=1175.1
fwE=3.40
20200928T122924.0001.fits
SecZ=1.29
Focus=-4.685
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.493 -6.014 -1.548
T123=-116.4 12.7 15.0
ALT/AZ=51.1 -81.0
fwAVG=3.46
sdW=889.2
fwW=3.30
sdS=968.1
fwS=3.35
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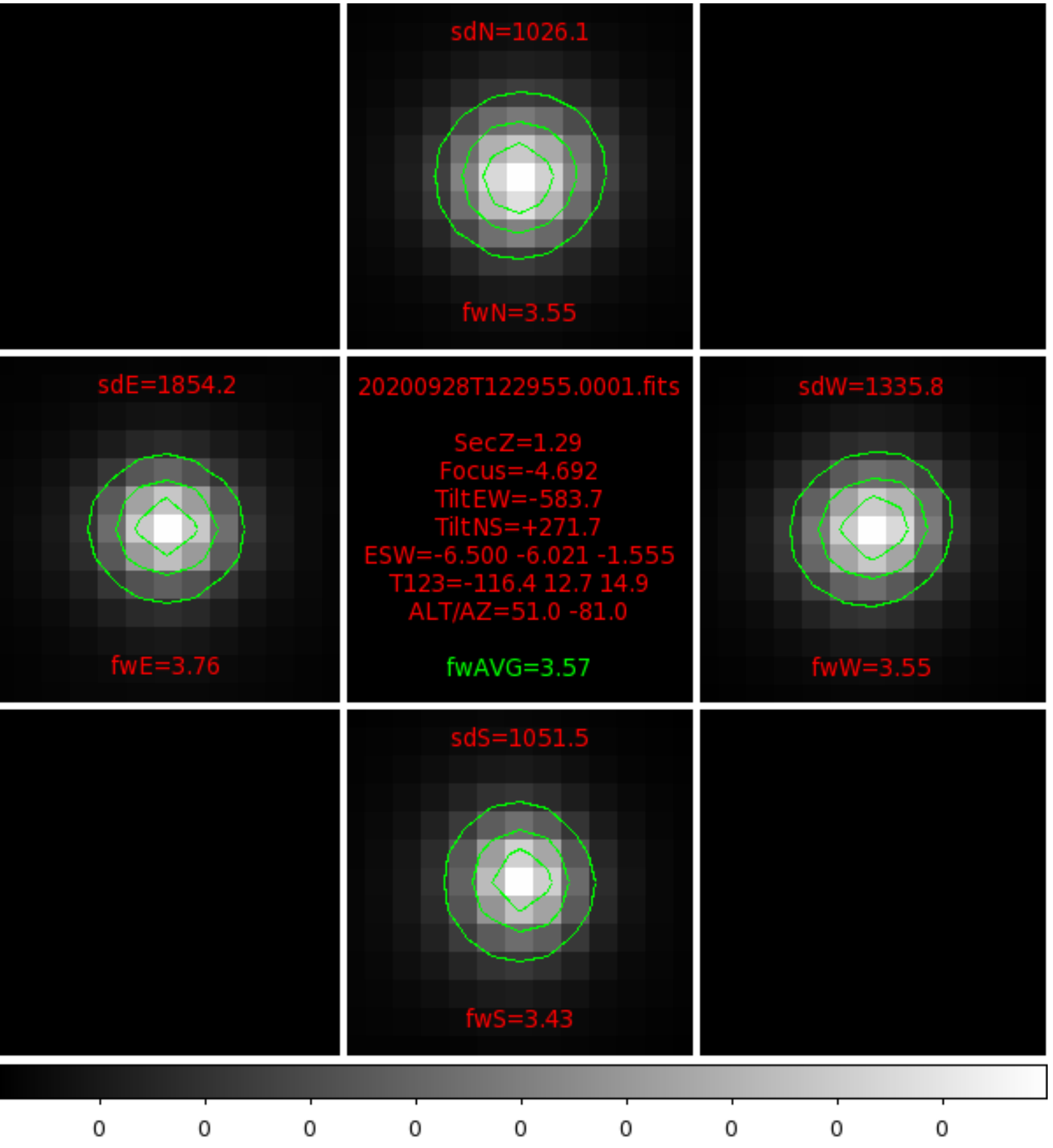
sdN=1026.1
fwN=3.55
sdE=1854.2
fwE=3.76
20200928T122955.0001.fits
SecZ=1.29
Focus=-4.692
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.500 -6.021 -1.555
T123=-116.4 12.7 14.9
ALT/AZ=51.0 -81.0
fwAVG=3.57
sdW=1335.8
fwW=3.55
sdS=1051.5
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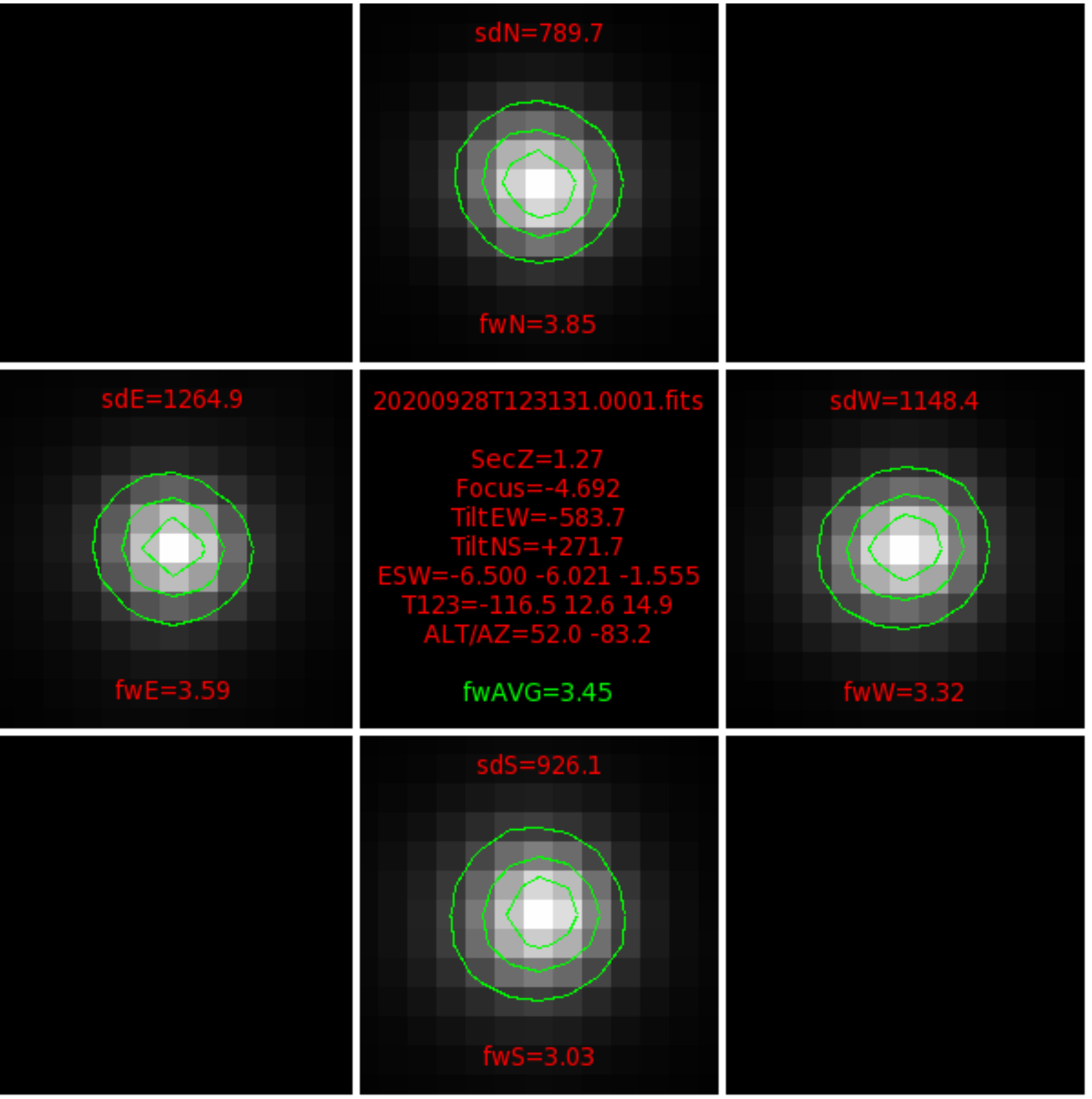
sdN=789.7
fwN=3.85
sdE=1264.9
fwE=3.59
20200928T123131.0001.fits
SecZ=1.27
Focus=-4.692
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.500 -6.021 -1.555
T123=-116.5 12.6 14.9
ALT/AZ=52.0 -83.2
fwAVG=3.45
sdW=1148.4
fwW=3.32
sdS=926.1
fwS=3.03
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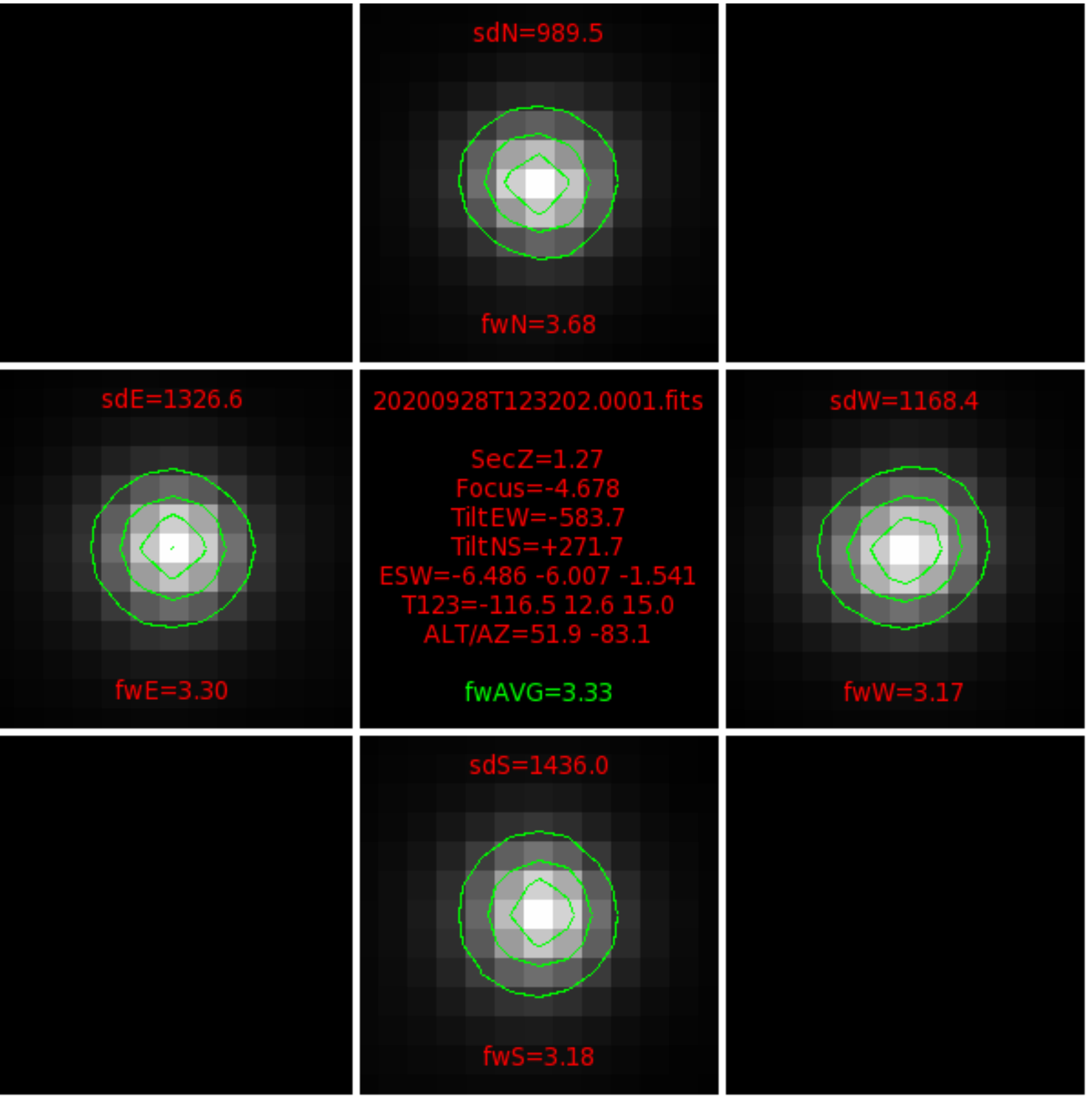
sdN=989.5
fwN=3.68
sdE=1326.6
fwE=3.30
20200928T123202.0001.fits
SecZ=1.27
Focus=-4.678
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.486 -6.007 -1.541
T123=-116.5 12.6 15.0
ALT/AZ=51.9 -83.1
fwAVG=3.33
sdW=1168.4
fwW=3.17
sdS=1436.0
fwS=3.18
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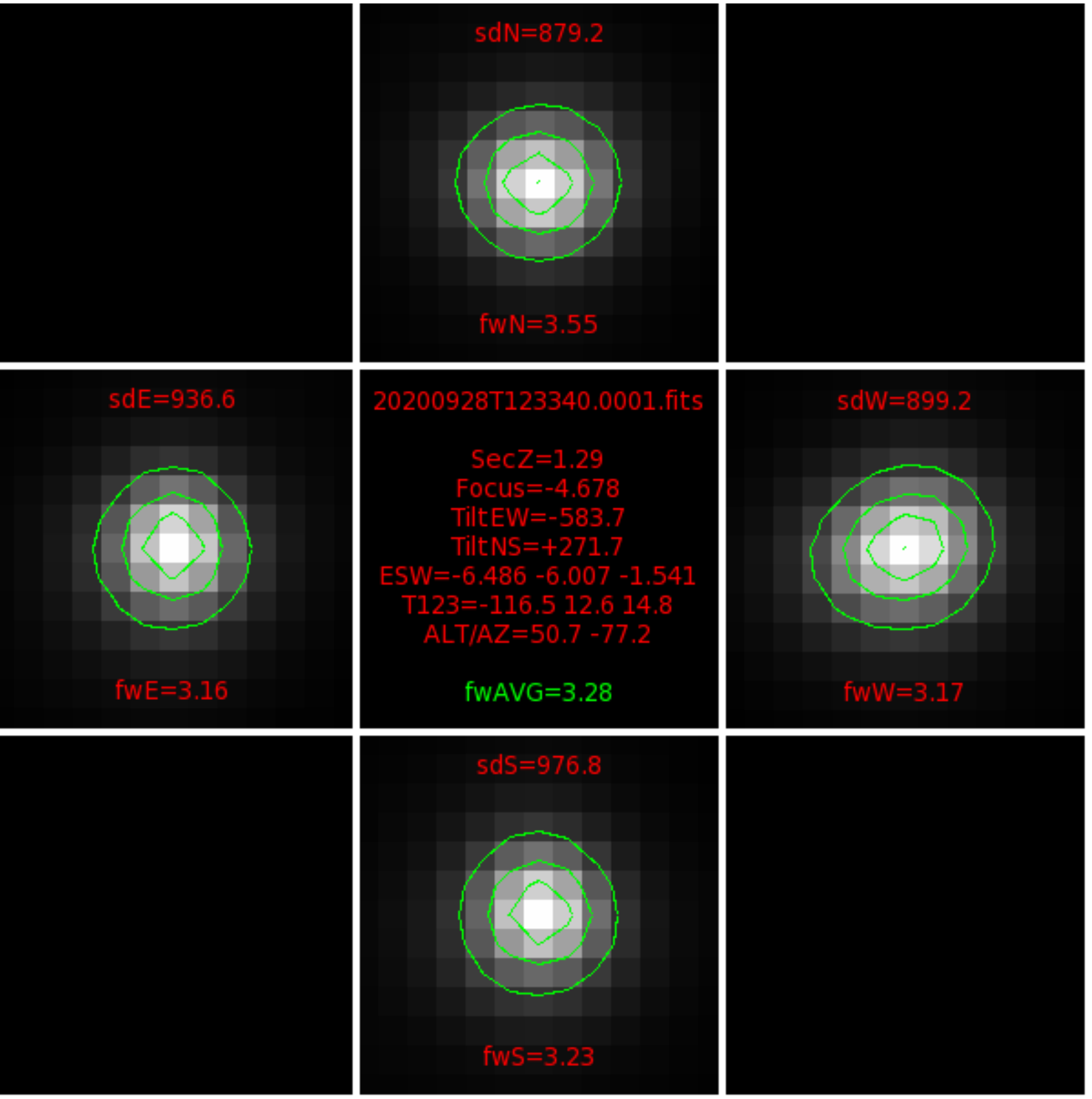
sdN=879.2
fwN=3.55
sdE=936.6
fwE=3.16
20200928T123340.0001.fits
SecZ=1.29
Focus=-4.678
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.486 -6.007 -1.541
T123=-116.5 12.6 14.8
ALT/AZ=50.7 -77.2
fwAVG=3.28
sdW=899.2
fwW=3.17
sdS=976.8
fwS=3.23
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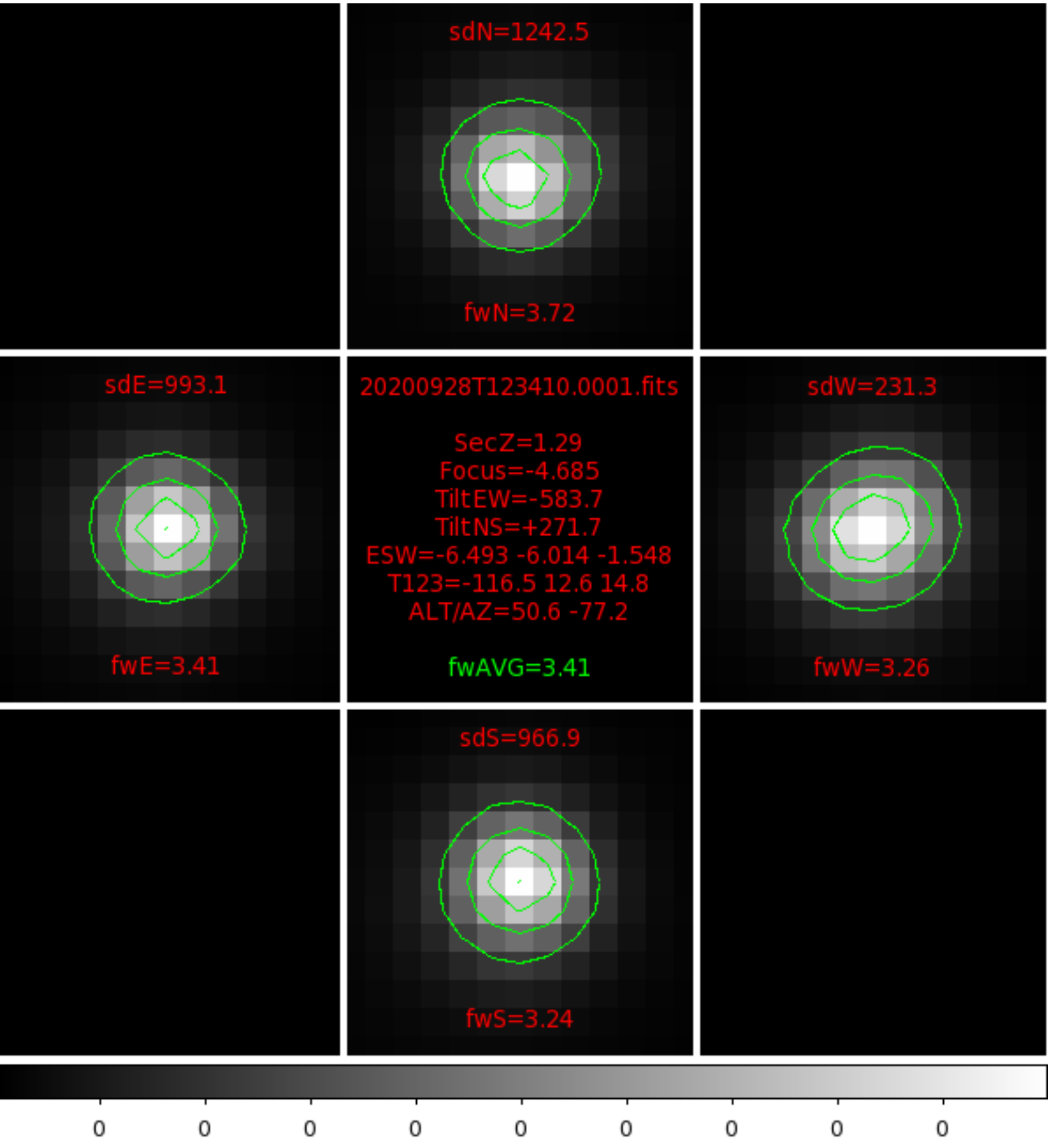
sdN=1242.5
fwN=3.72
sdE=993.1
fwE=3.41
20200928T123410.0001.fits
SecZ=1.29
Focus=-4.685
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.493 -6.014 -1.548
T123=-116.5 12.6 14.8
ALT/AZ=50.6 -77.2
fwAVG=3.41
sdW=231.3
fwW=3.26
sdS=966.9
fwS=3.24
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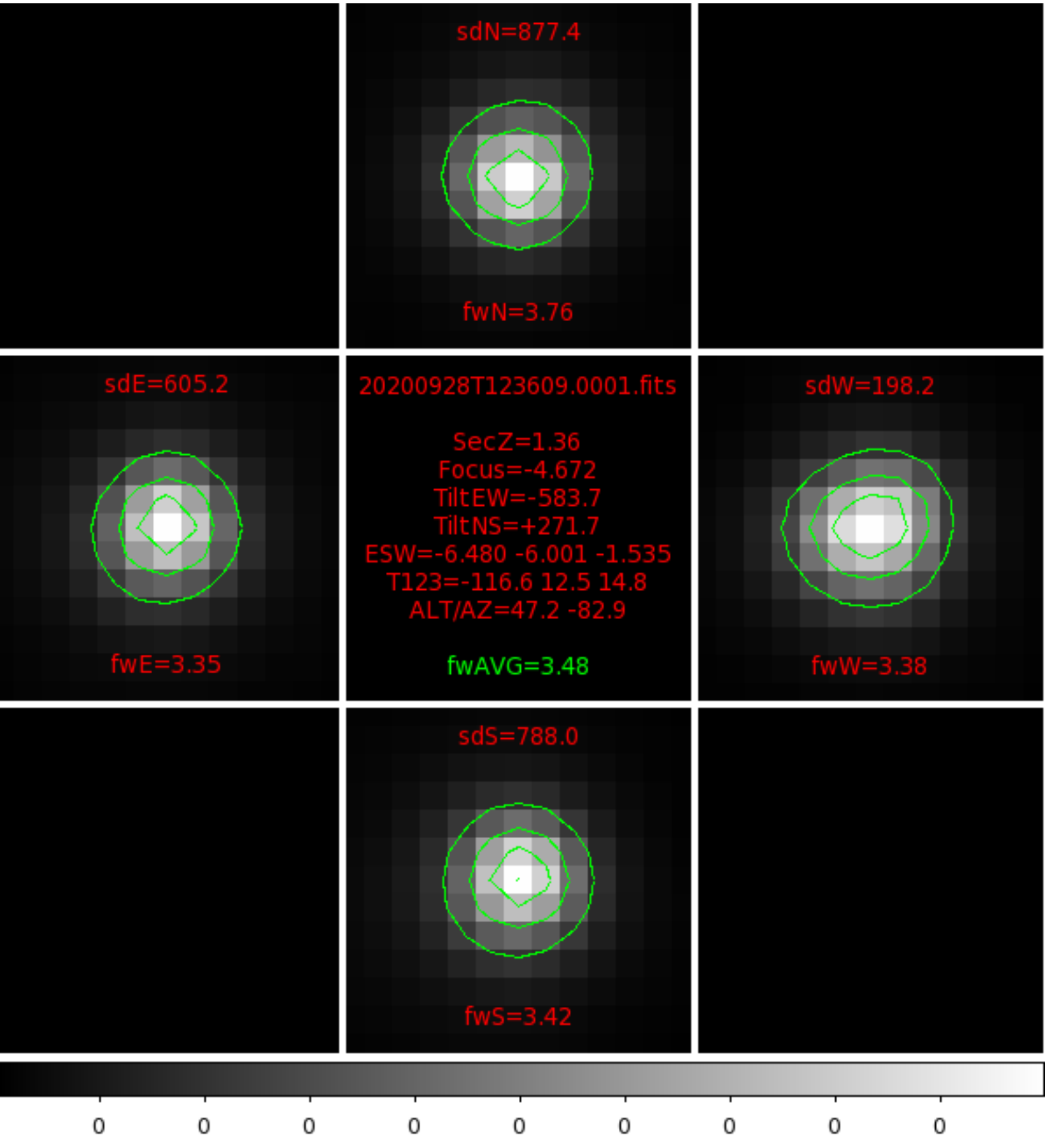
sdN=877.4
fwN=3.76
sdE=605.2
fwE=3.35
20200928T123609.0001.fits
SecZ=1.36
Focus=-4.672
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.480 -6.001 -1.535
T123=-116.6 12.5 14.8
ALT/AZ=47.2 -82.9
fwAVG=3.48
sdW=198.2
fwW=3.38
sdS=788.0
fwS=3.42
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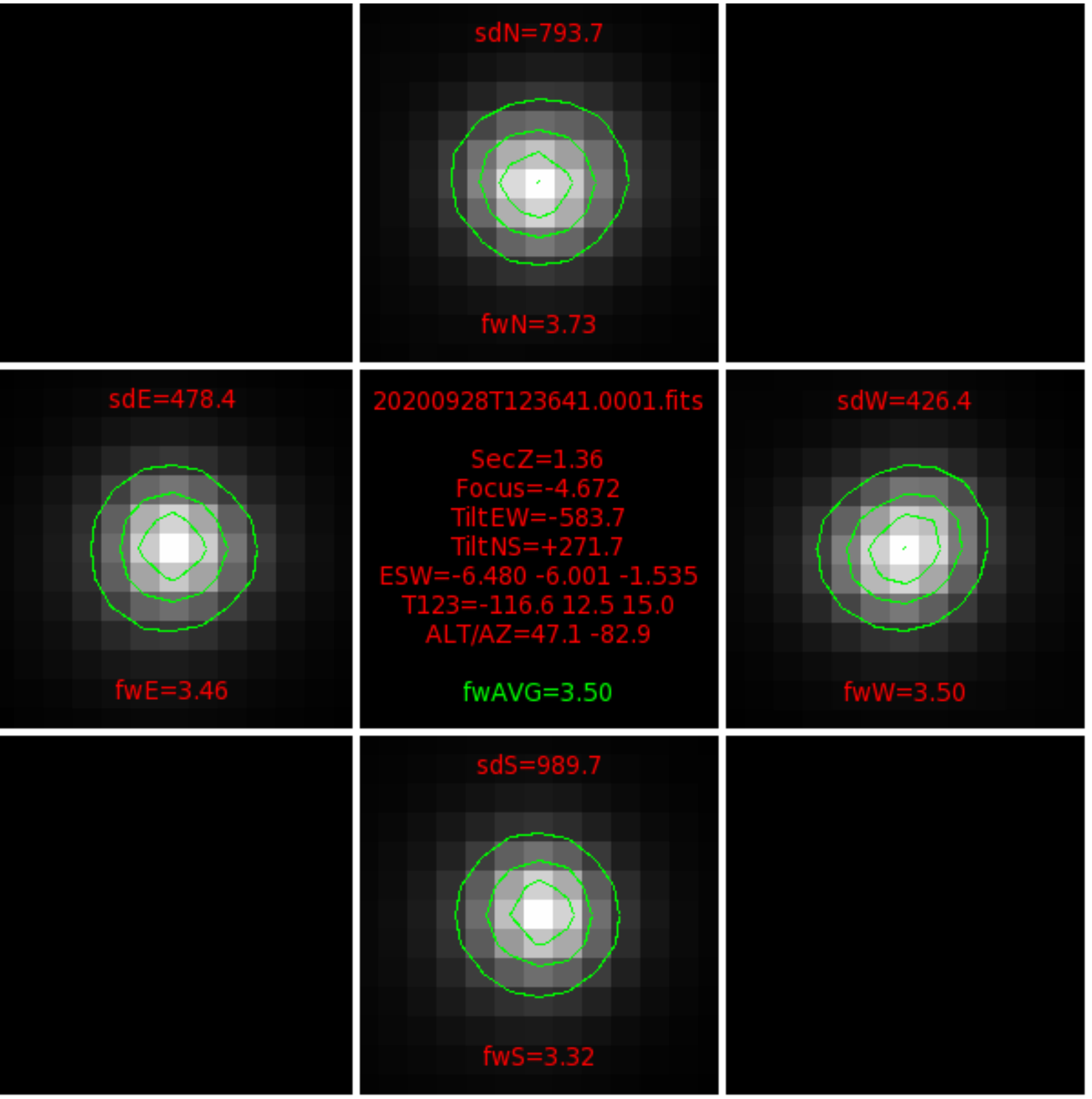
sdN=793.7
fwN=3.73
sdE=478.4
fwE=3.46
20200928T123641.0001.fits
SecZ=1.36
Focus=-4.672
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.480 -6.001 -1.535
T123=-116.6 12.5 15.0
ALT/AZ=47.1 -82.9
fwAVG=3.50
sdW=426.4
fwW=3.50
sdS=989.7
fwS=3.32
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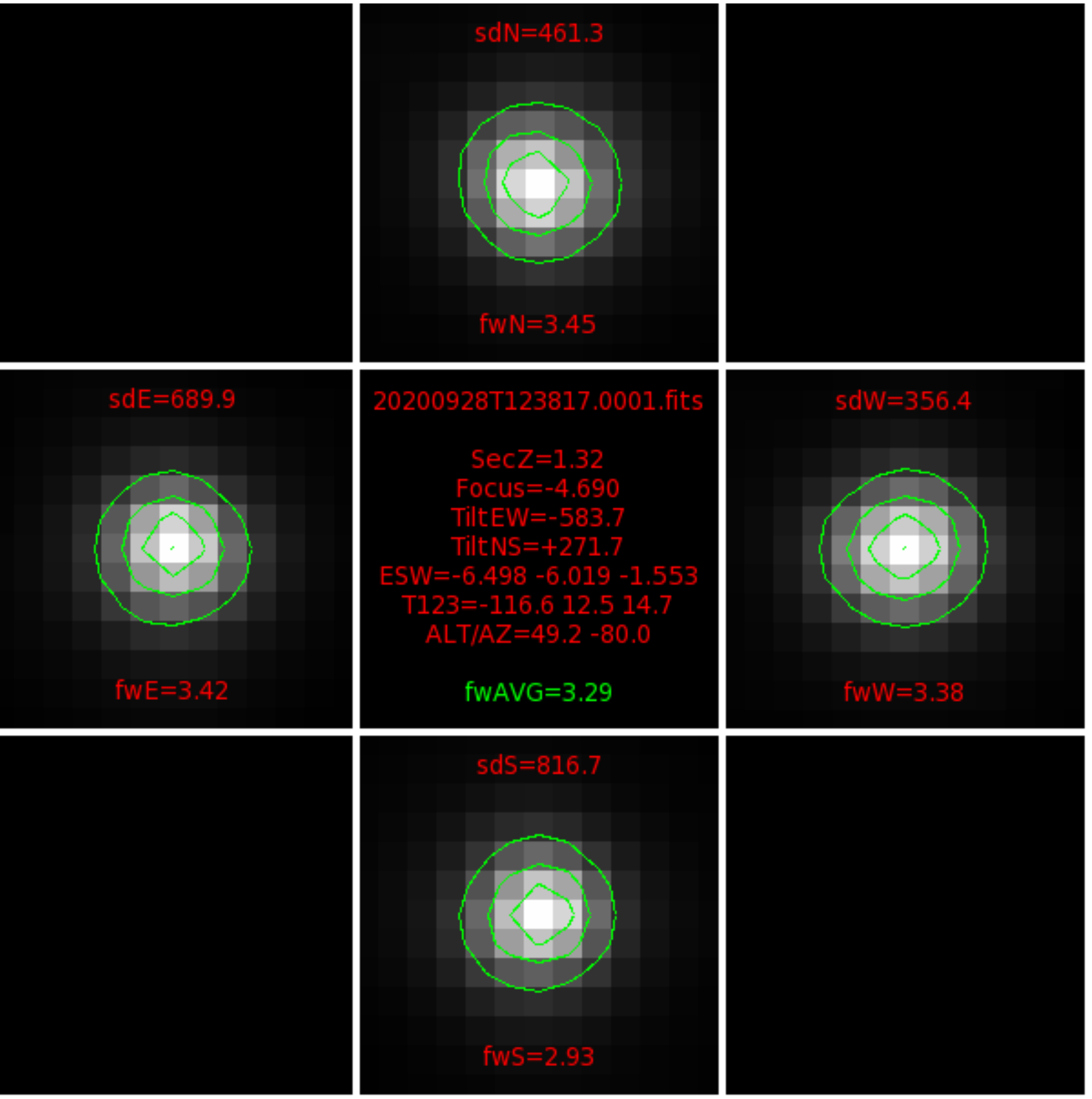
sdN=461.3
fwN=3.45
sdE=689.9
fwE=3.42
20200928T123817.0001.fits
SecZ=1.32
Focus=-4.690
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.498 -6.019 -1.553
T123=-116.6 12.5 14.7
ALT/AZ=49.2 -80.0
fwAVG=3.29
sdW=356.4
fwW=3.38
sdS=816.7
fwS=2.93
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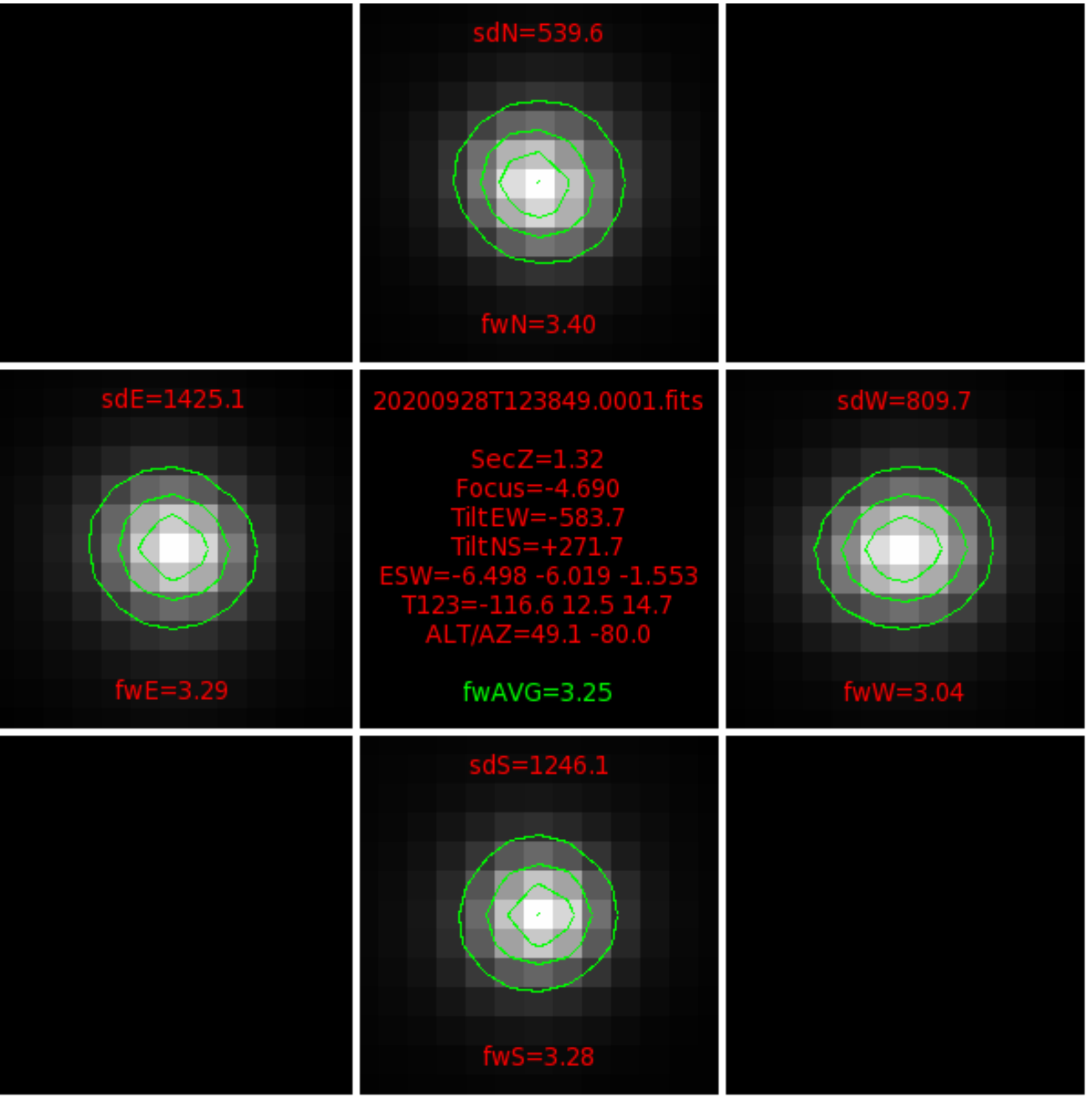
sdN=539.6
fwN=3.40
sdE=1425.1
fwE=3.29
20200928T123849.0001.fits
SecZ=1.32
Focus=-4.690
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.498 -6.019 -1.553
T123=-116.6 12.5 14.7
ALT/AZ=49.1 -80.0
fwAVG=3.25
sdW=809.7
fwW=3.04
sdS=1246.1
fwS=3.28
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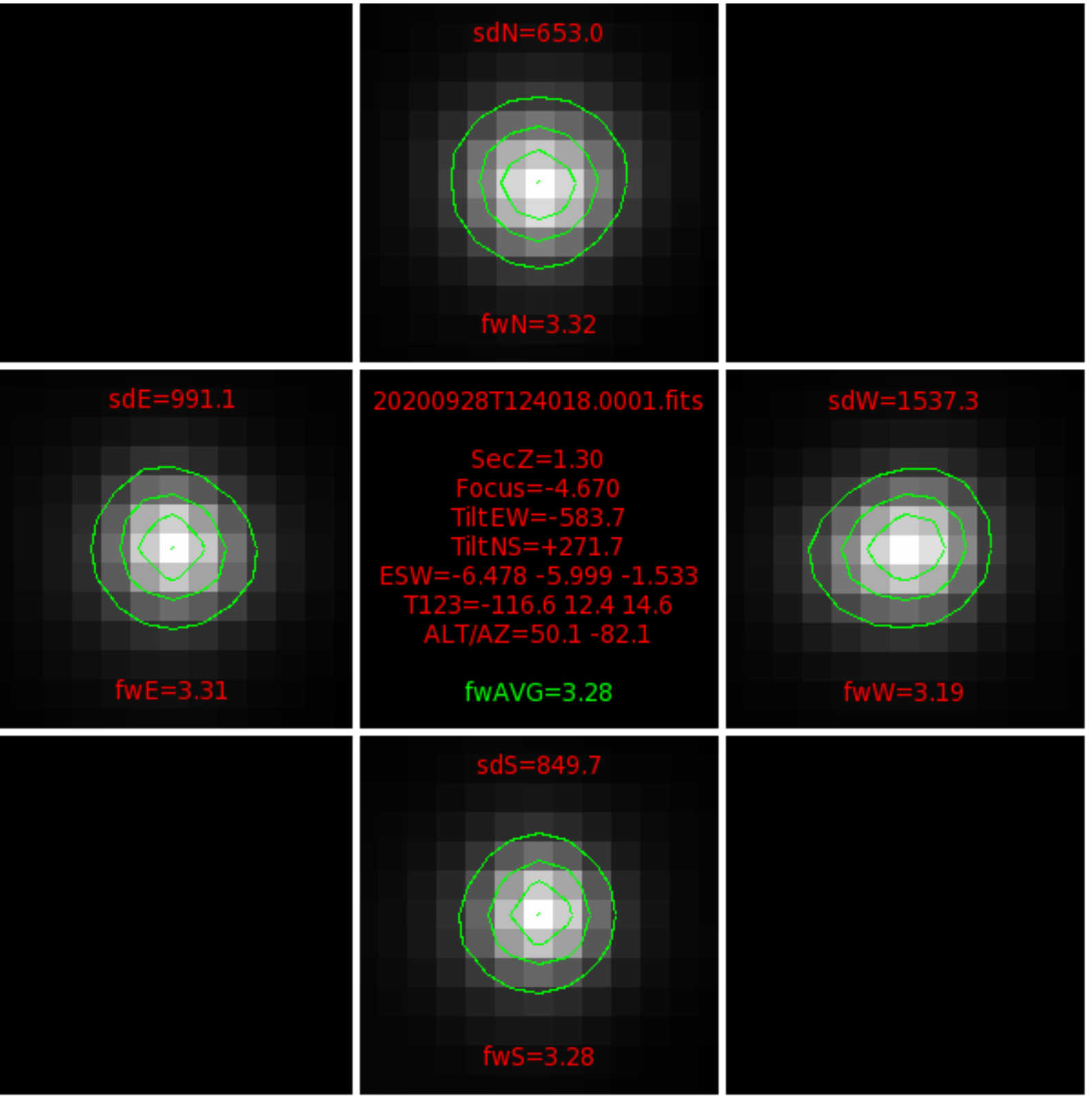
sdN=653.0
fwN=3.32
sdE=991.1
fwE=3.31
20200928T124018.0001.fits
SecZ=1.30
Focus=-4.670
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.478 -5.999 -1.533
T123=-116.6 12.4 14.6
ALT/AZ=50.1 -82.1
fwAVG=3.28
sdW=1537.3
fwW=3.19
sdS=849.7
fwS=3.28
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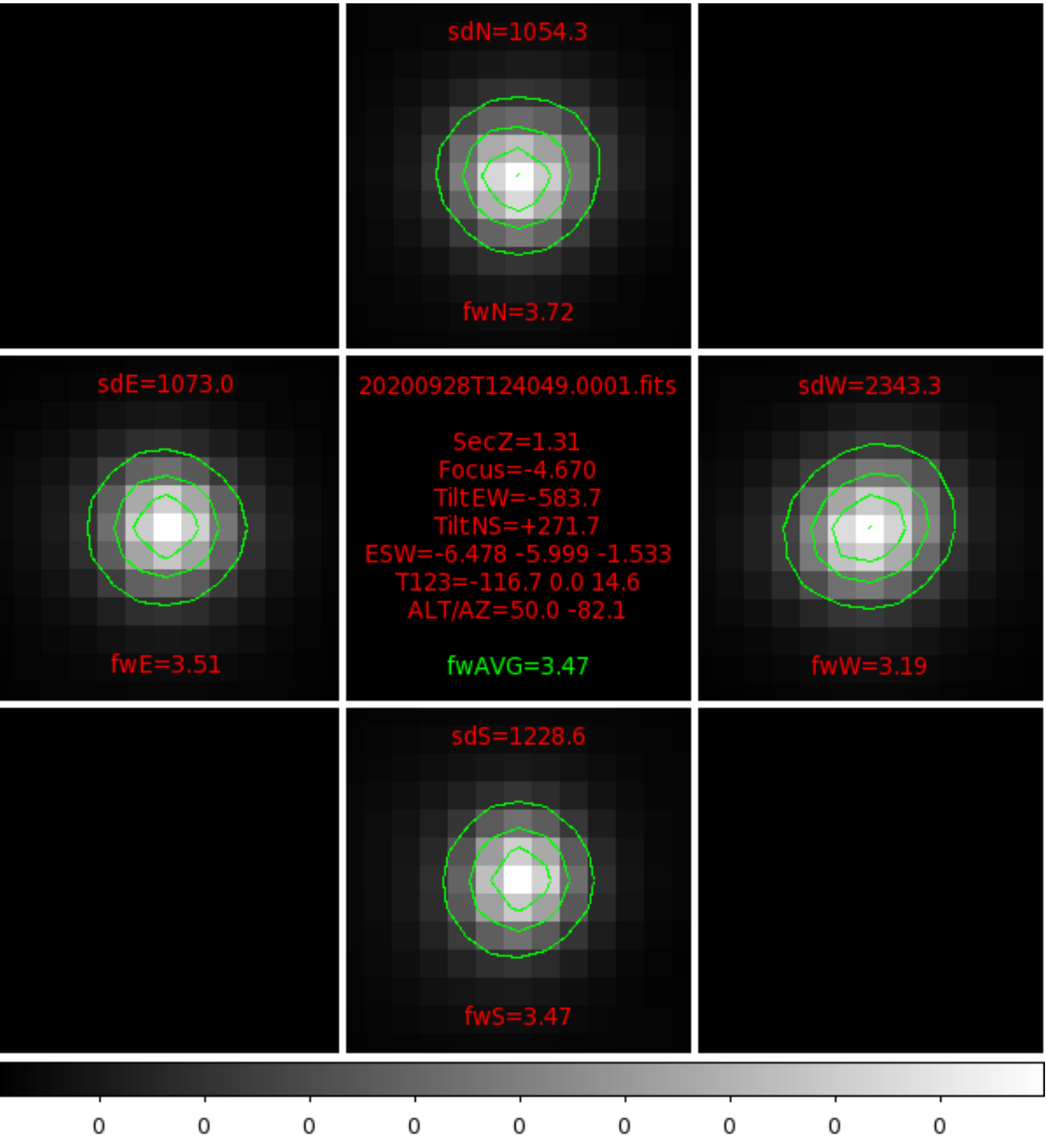
sdN=1054.3
fwN=3.72
sdE=1073.0
fwE=3.51
20200928T124049.0001.fits
SecZ=1.31
Focus=-4.670
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.478 -5.999 -1.533
T123=-116.7 0.0 14.6
ALT/AZ=50.0 -82.1
fwAVG=3.47
sdW=2343.3
fwW=3.19
sdS=1228.6
fwS=3.47
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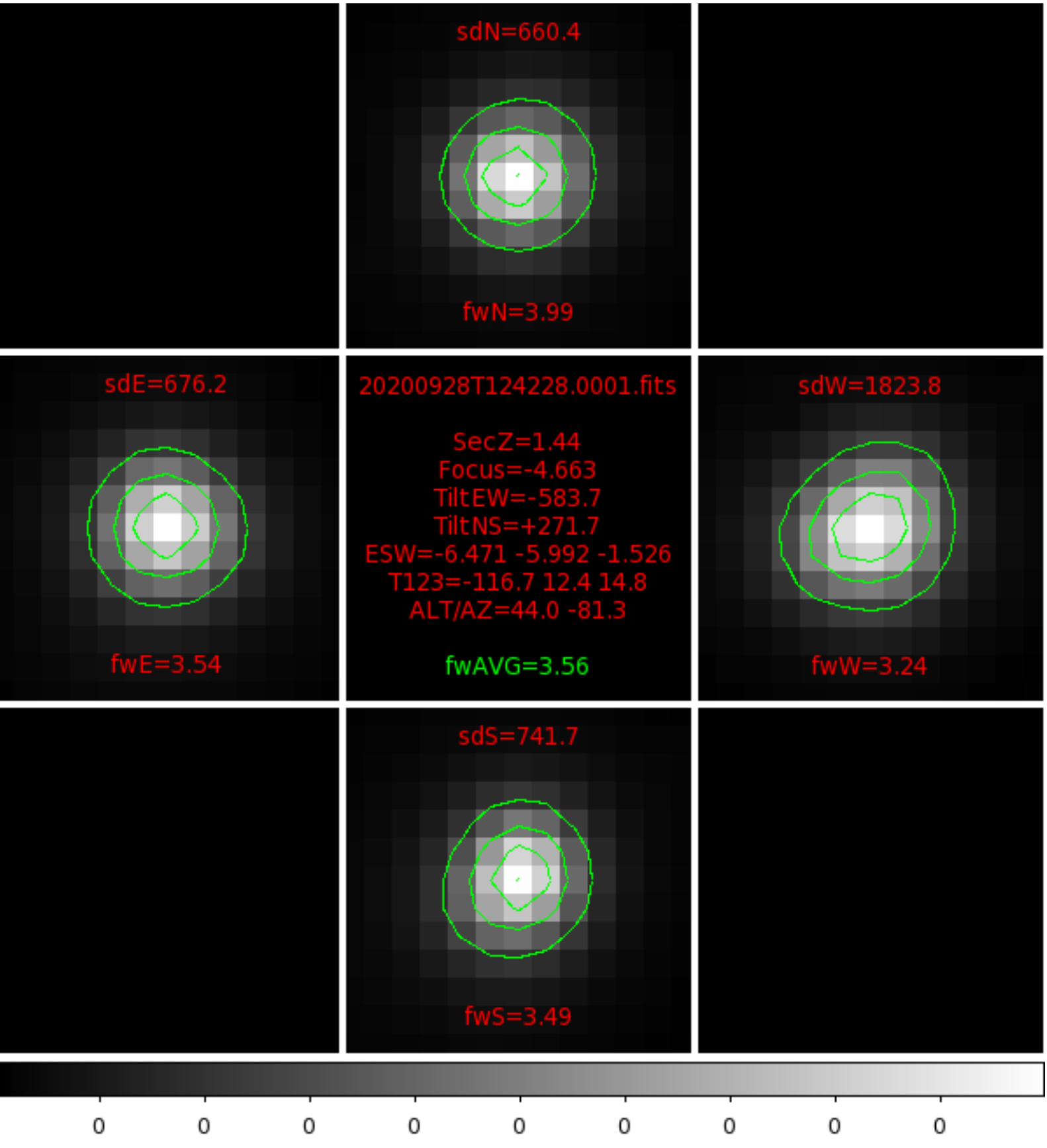
sdN=660.4
fwN=3.99
sdE=676.2
fwE=3.54
20200928T124228.0001.fits
SecZ=1.44
Focus=-4.663
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.471 -5.992 -1.526
T123=-116.7 12.4 14.8
ALT/AZ=44.0 -81.3
fwAVG=3.56
sdW=1823.8
fwW=3.24
sdS=741.7
fwS=3.49
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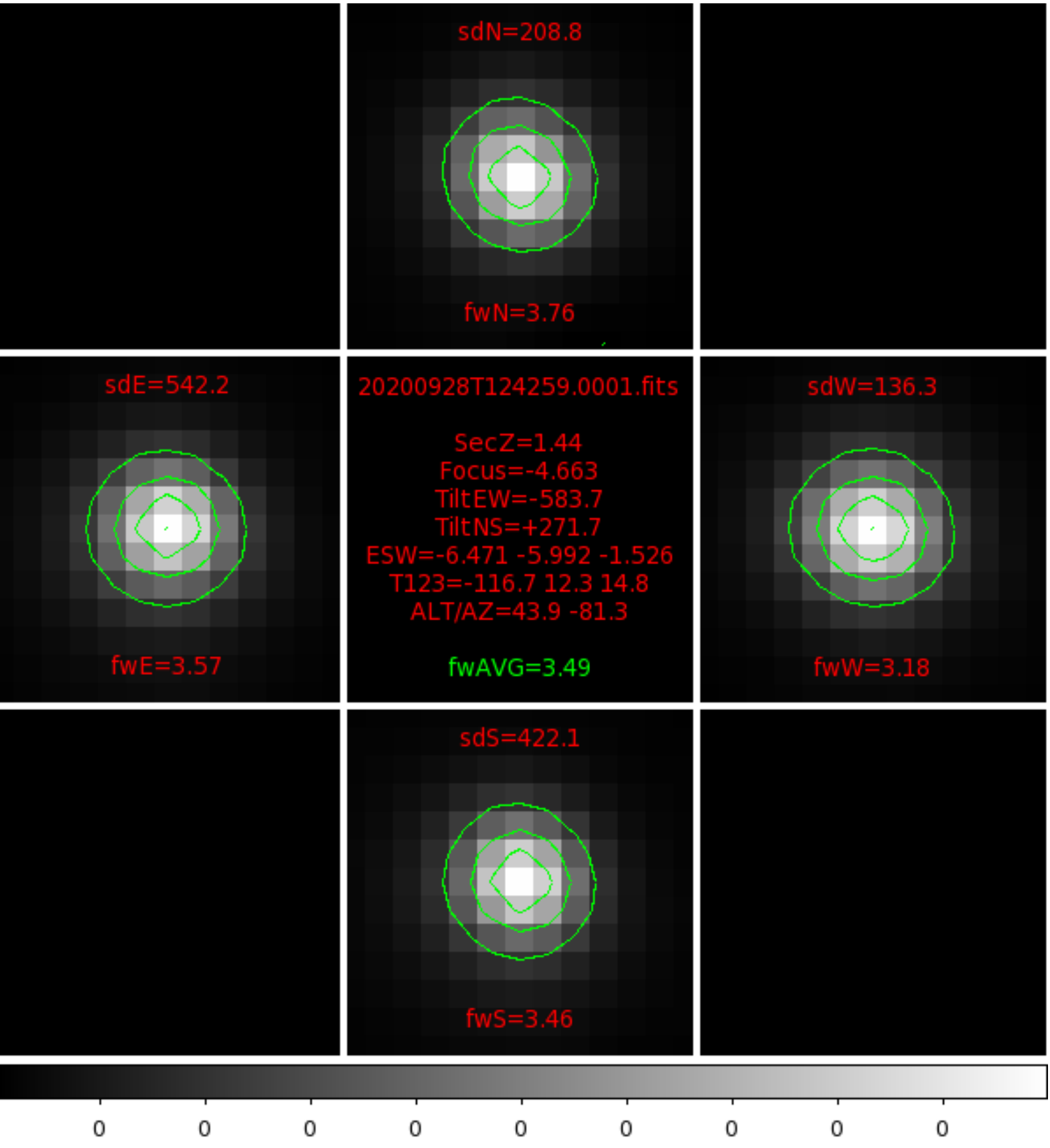
sdN=208.8
fwN=3.76
sdE=542.2
fwE=3.57
20200928T124259.0001.fits
SecZ=1.44
Focus=-4.663
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.471 -5.992 -1.526
T123=-116.7 12.3 14.8
ALT/AZ=43.9 -81.3
fwAVG=3.49
sdW=136.3
fwW=3.18
sdS=422.1
fwS=3.46
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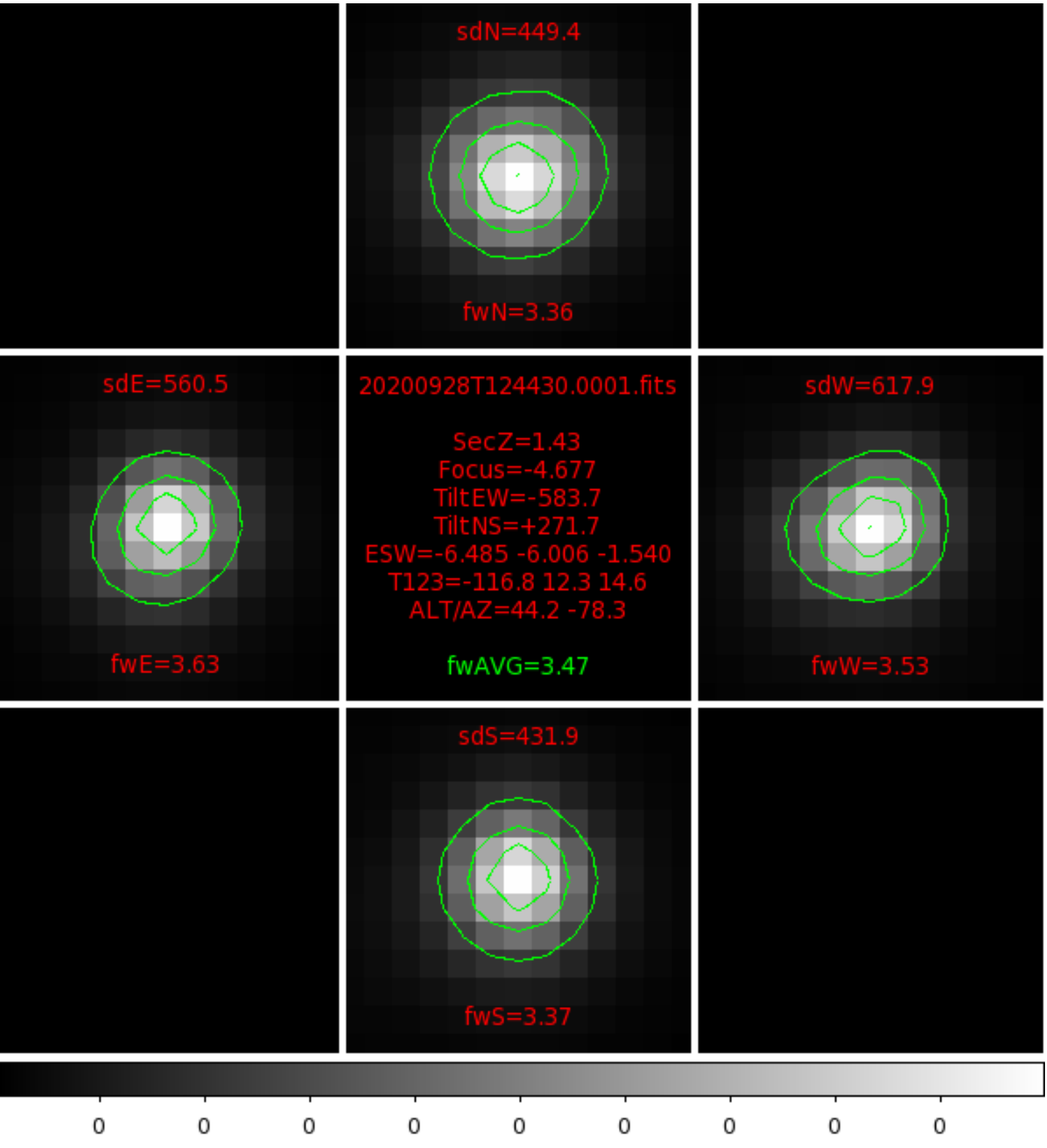
sdN=449.4
fwN=3.36
sdE=560.5
fwE=3.63
20200928T124430.0001.fits
SecZ=1.43
Focus=-4.677
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.485 -6.006 -1.540
T123=-116.8 12.3 14.6
ALT/AZ=44.2 -78.3
fwAVG=3.47
sdW=617.9
fwW=3.53
sdS=431.9
fwS=3.37
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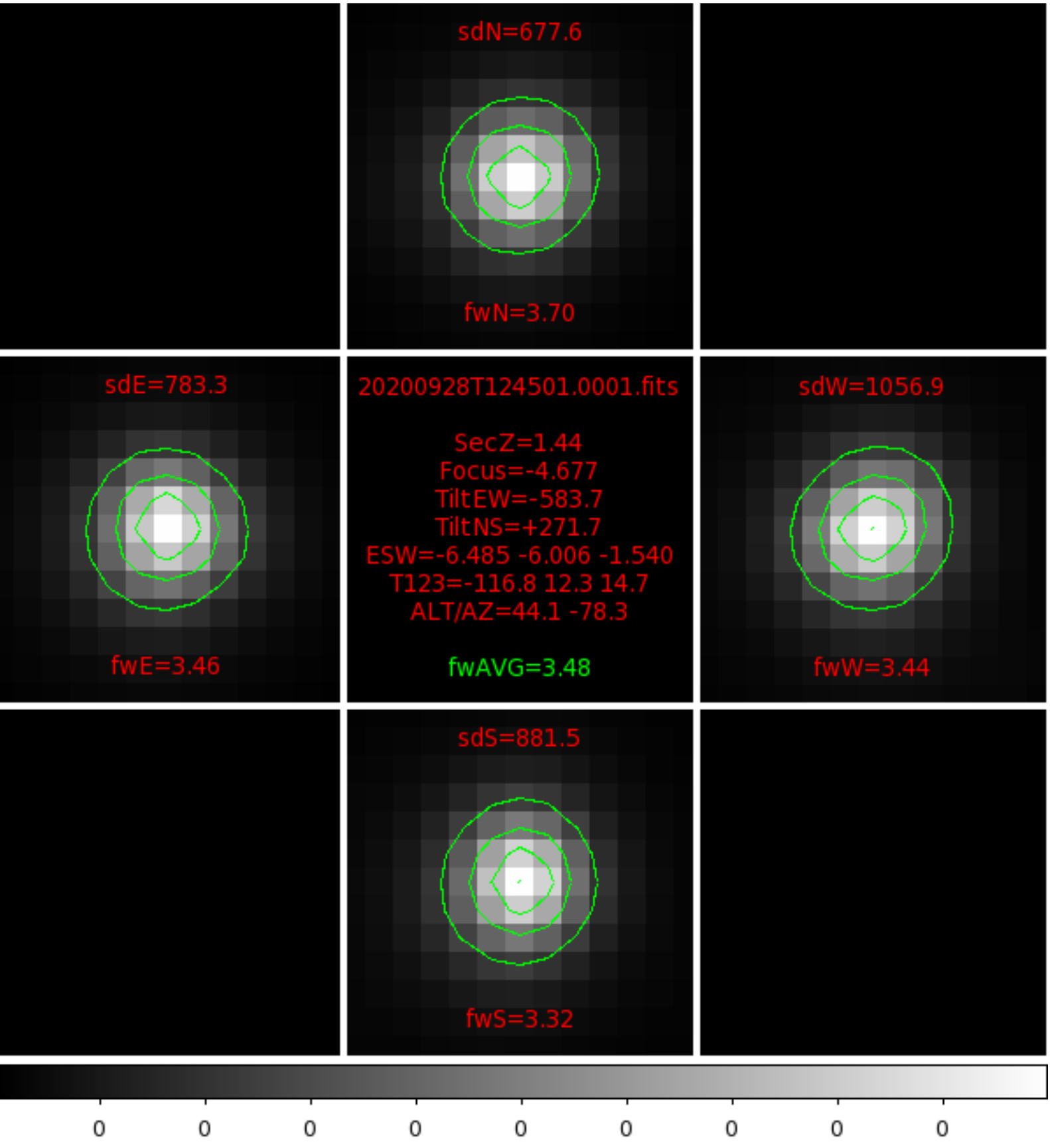
sdN=677.6
fwN=3.70
sdE=783.3
fwE=3.46
20200928T124501.0001.fits
SecZ=1.44
Focus=-4.677
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.485 -6.006 -1.540
T123=-116.8 12.3 14.7
ALT/AZ=44.1 -78.3
fwAVG=3.48
sdW=1056.9
fwW=3.44
sdS=881.5
fwS=3.32
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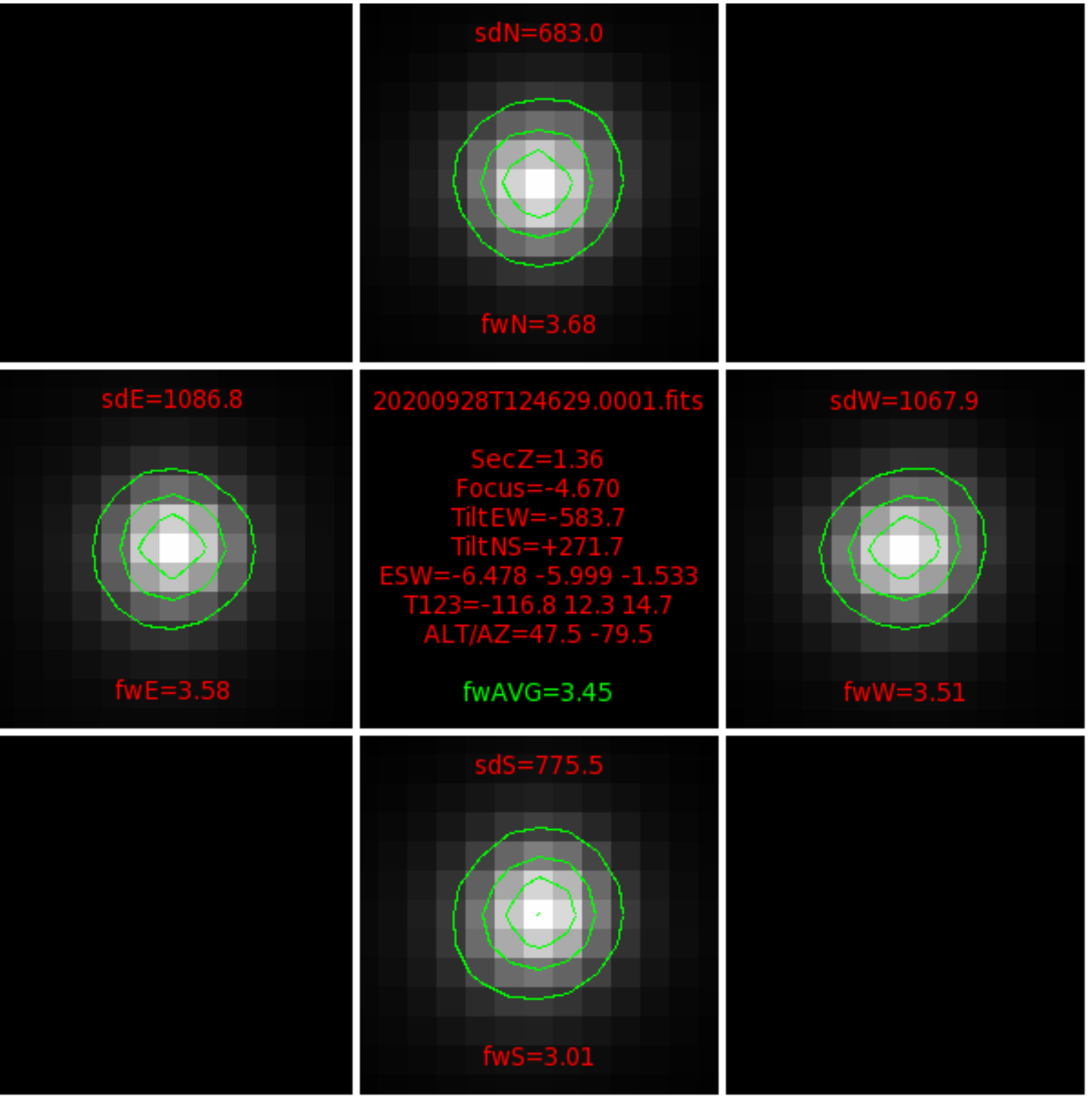
sdN=683.0
fwN=3.68
sdE=1086.8
fwE=3.58
20200928T124629.0001.fits
SecZ=1.36
Focus=-4.670
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.478 -5.999 -1.533
T123=-116.8 12.3 14.7
ALT/AZ=47.5 -79.5
fwAVG=3.45
sdW=1067.9
fwW=3.51
sdS=775.5
fwS=3.01
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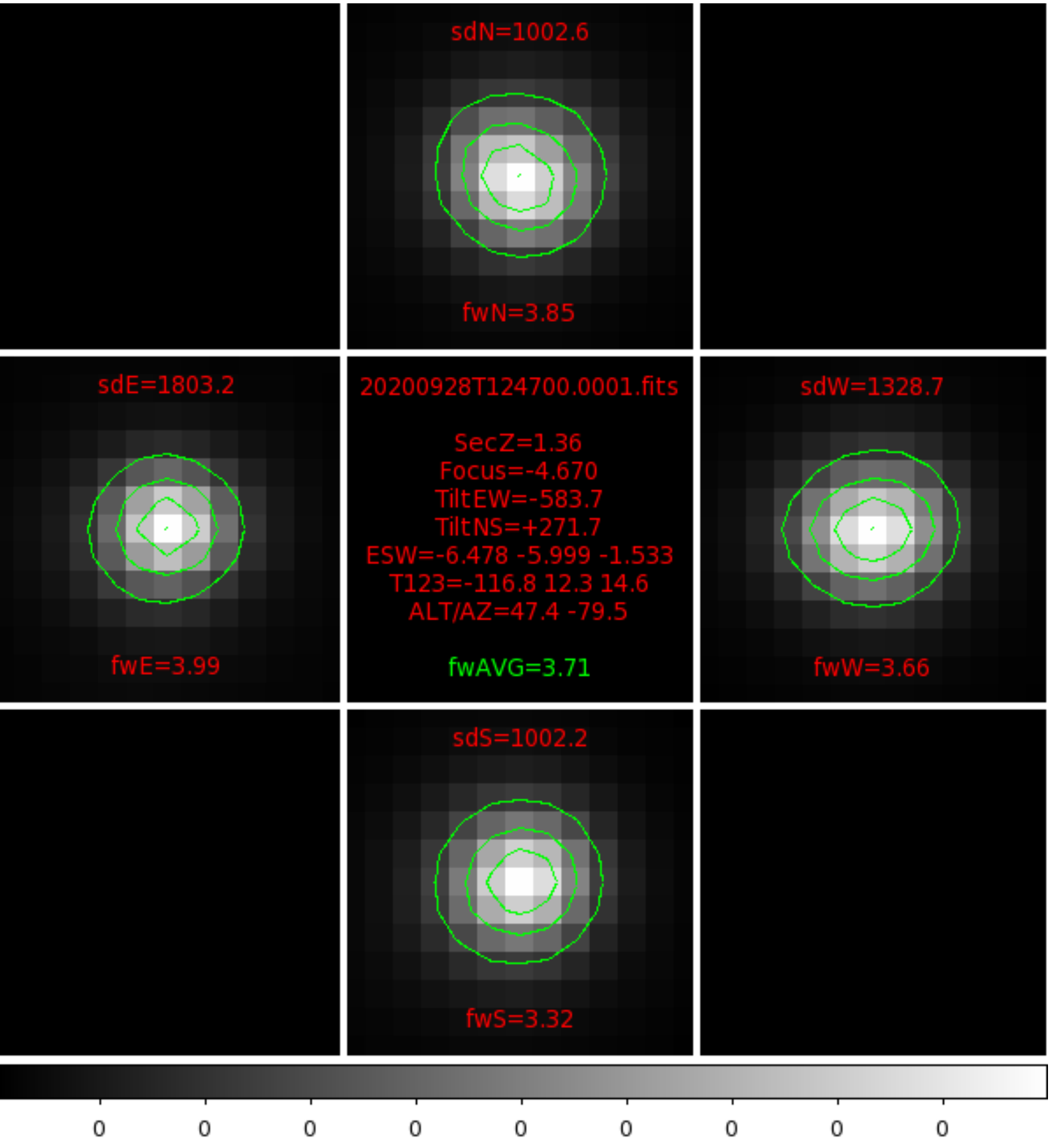
sdN=1002.6
fwN=3.85
sdE=1803.2
fwE=3.99
20200928T124700.0001.fits
SecZ=1.36
Focus=-4.670
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.478 -5.999 -1.533
T123=-116.8 12.3 14.6
ALT/AZ=47.4 -79.5
fwAVG=3.71
sdW=1328.7
fwW=3.66
sdS=1002.2
fwS=3.32
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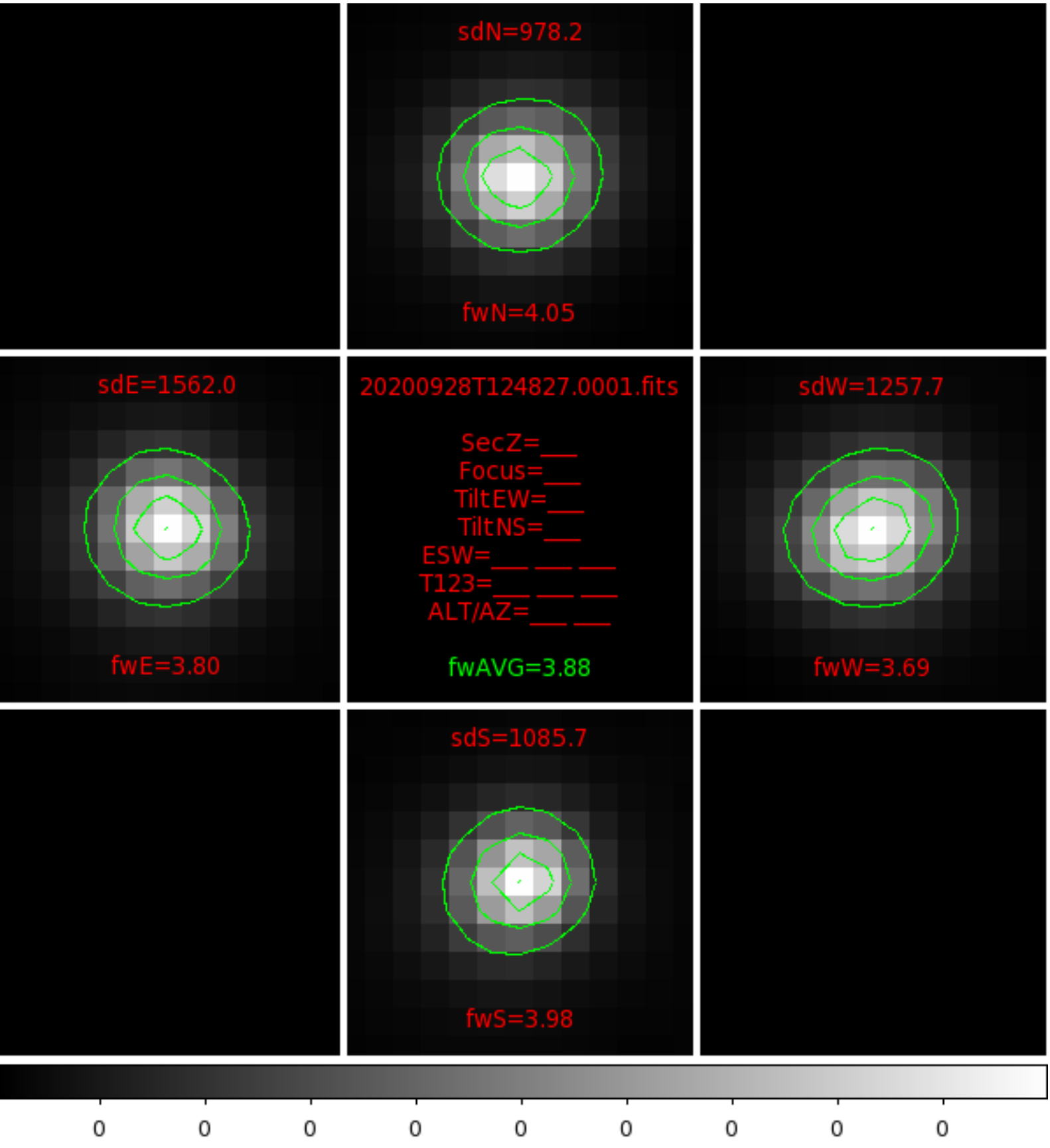
sdN=978.2
fwN=4.05
sdE=1562.0
fwE=3.80
20200928T124827.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=3.88
sdW=1257.7
fwW=3.69
sdS=1085.7
fwS=3.98
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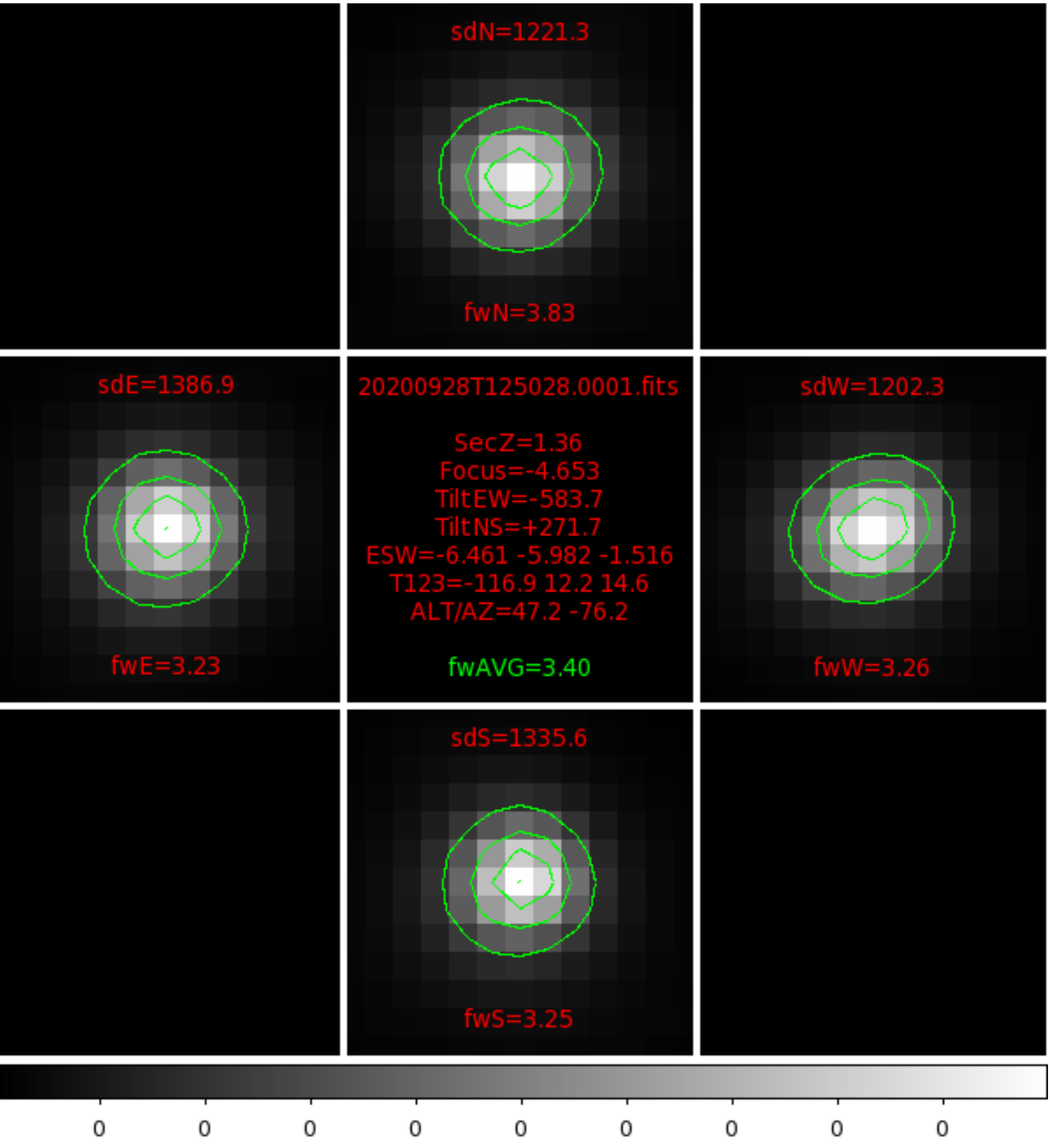
sdN=1221.3
fwN=3.83
sdE=1386.9
fwE=3.23
20200928T125028.0001.fits
SecZ=1.36
Focus=-4.653
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.461 -5.982 -1.516
T123=-116.9 12.2 14.6
ALT/AZ=47.2 -76.2
fwAVG=3.40
sdW=1202.3
fwW=3.26
sdS=1335.6
fwS=3.25
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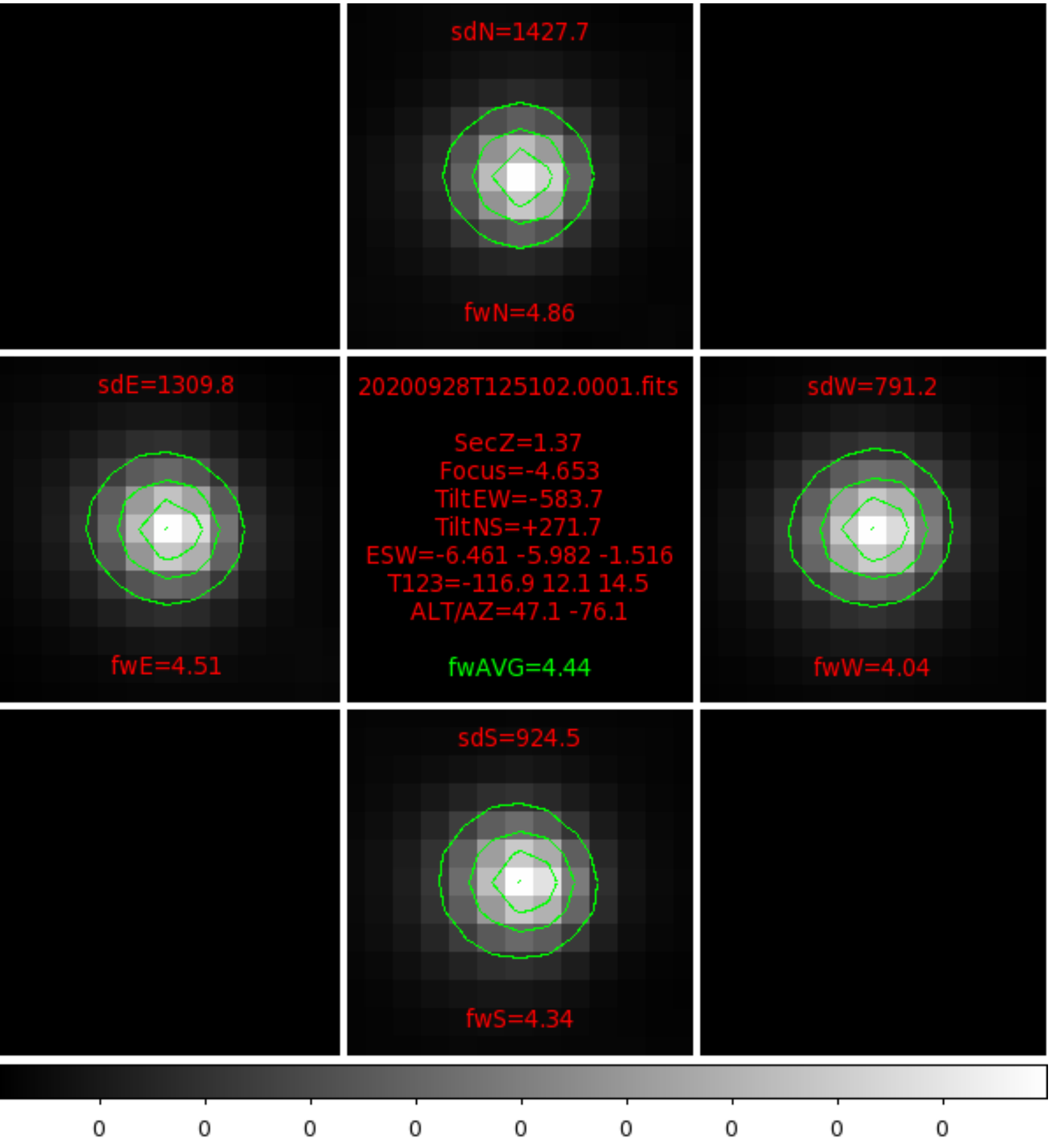
sdN=1427.7
fwN=4.86
sdE=1309.8
fwE=4.51
20200928T125102.0001.fits
SecZ=1.37
Focus=-4.653
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.461 -5.982 -1.516
T123=-116.9 12.1 14.5
ALT/AZ=47.1 -76.1
fwAVG=4.44
sdW=791.2
fwW=4.04
sdS=924.5
fwS=4.34
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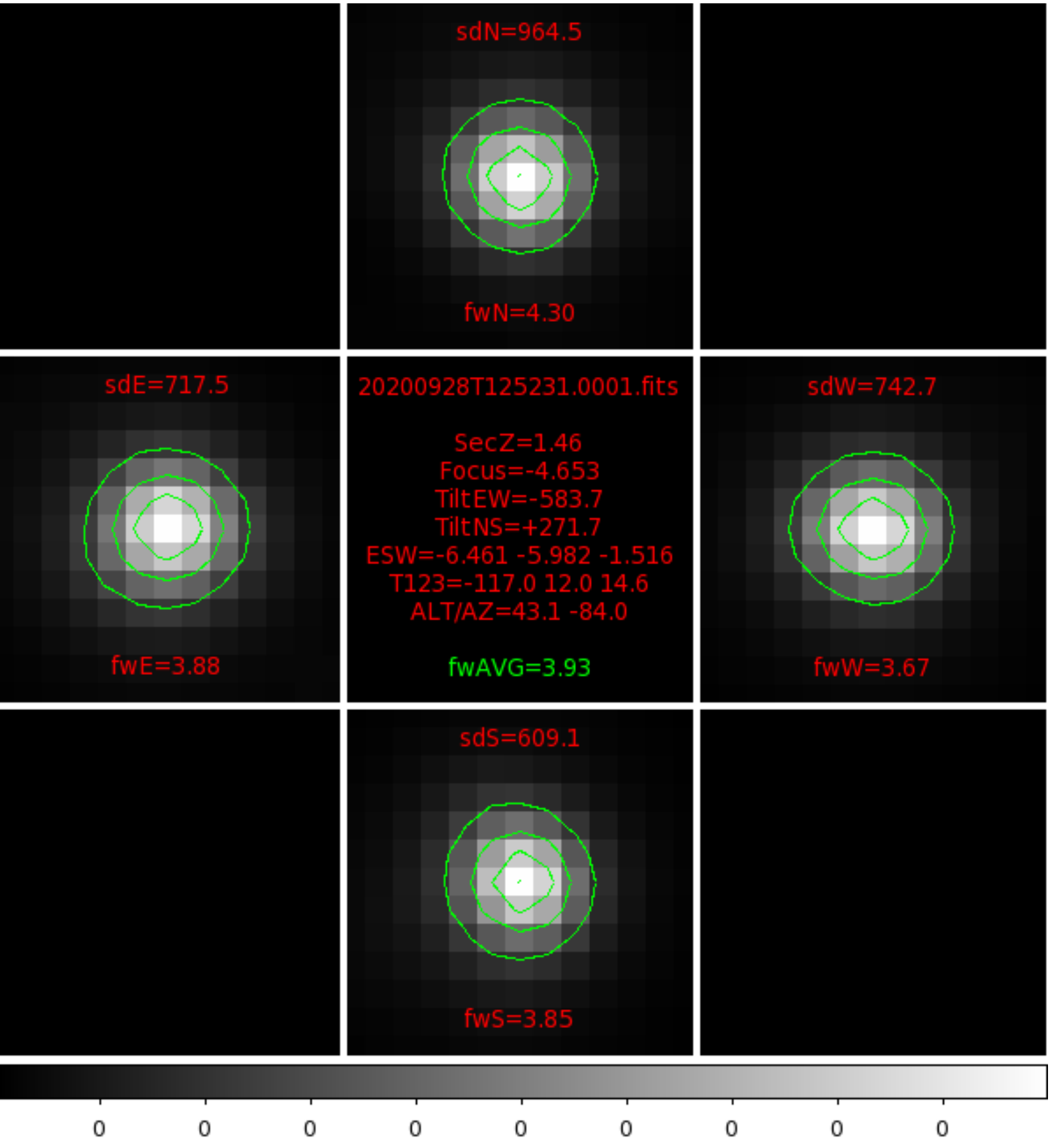
sdN=964.5
fwN=4.30
sdE=717.5
fwE=3.88
20200928T125231.0001.fits
SecZ=1.46
Focus=-4.653
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.461 -5.982 -1.516
T123=-117.0 12.0 14.6
ALT/AZ=43.1 -84.0
fwAVG=3.93
sdW=742.7
fwW=3.67
sdS=609.1
fwS=3.85
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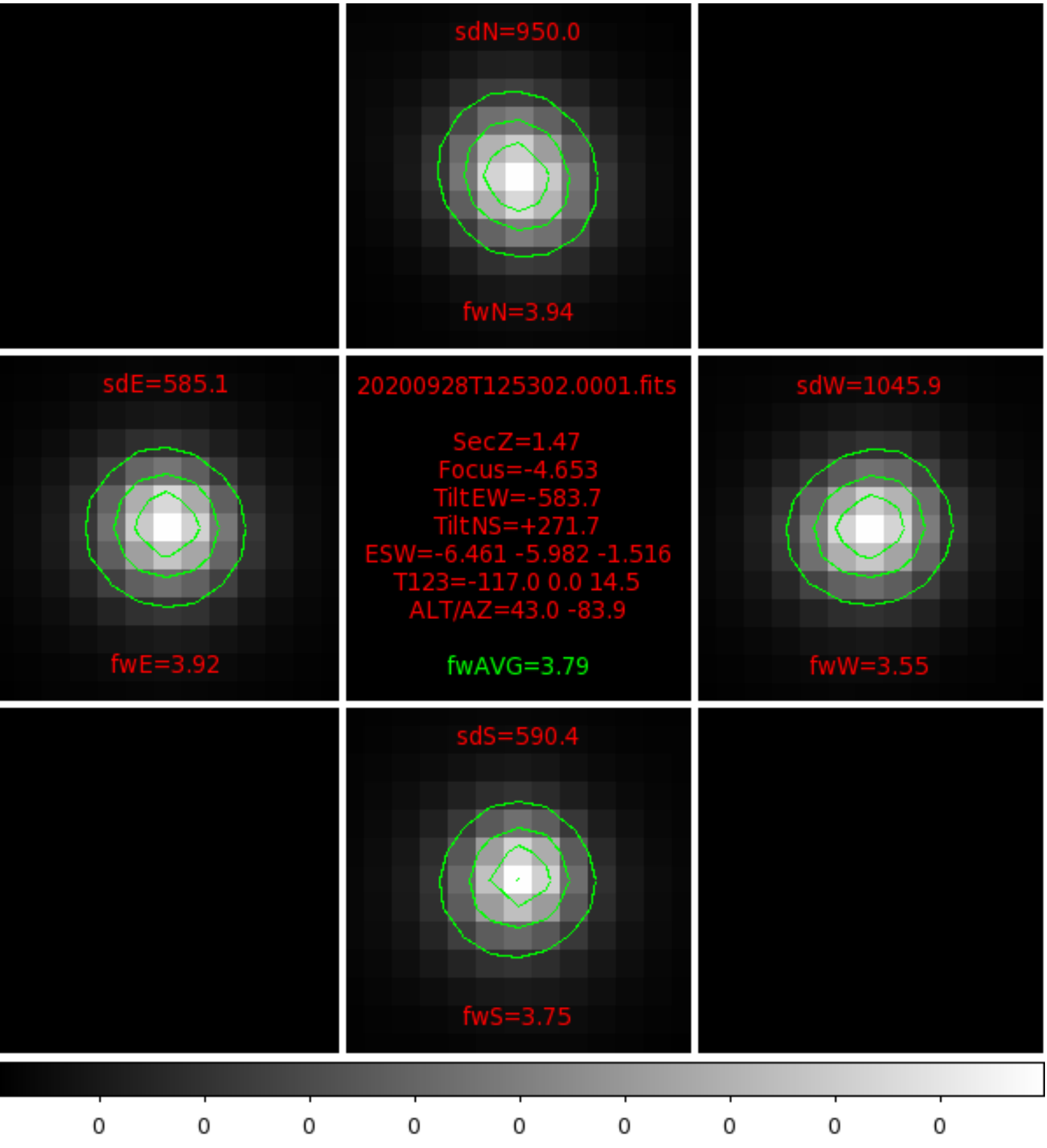
sdN=950.0
fwN=3.94
sdE=585.1
fwE=3.92
20200928T125302.0001.fits
SecZ=1.47
Focus=-4.653
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.461 -5.982 -1.516
T123=-117.0 0.0 14.5
ALT/AZ=43.0 -83.9
fwAVG=3.79
sdW=1045.9
fwW=3.55
sdS=590.4
fwS=3.75
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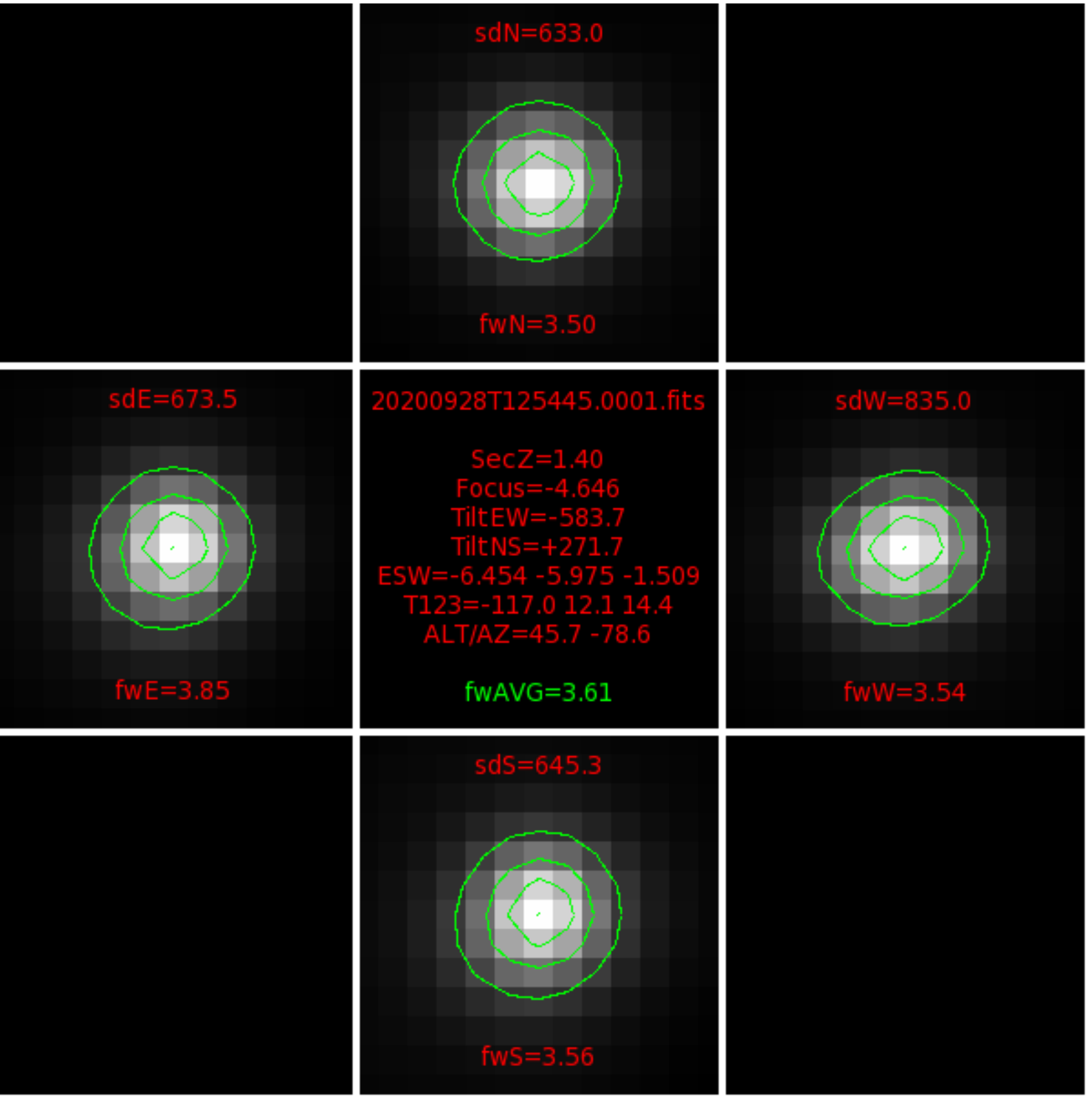
sdN=633.0
fwN=3.50
sdE=673.5
fwE=3.85
20200928T125445.0001.fits
SecZ=1.40
Focus=-4.646
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.454 -5.975 -1.509
T123=-117.0 12.1 14.4
ALT/AZ=45.7 -78.6
fwAVG=3.61
sdW=835.0
fwW=3.54
sdS=645.3
fwS=3.56
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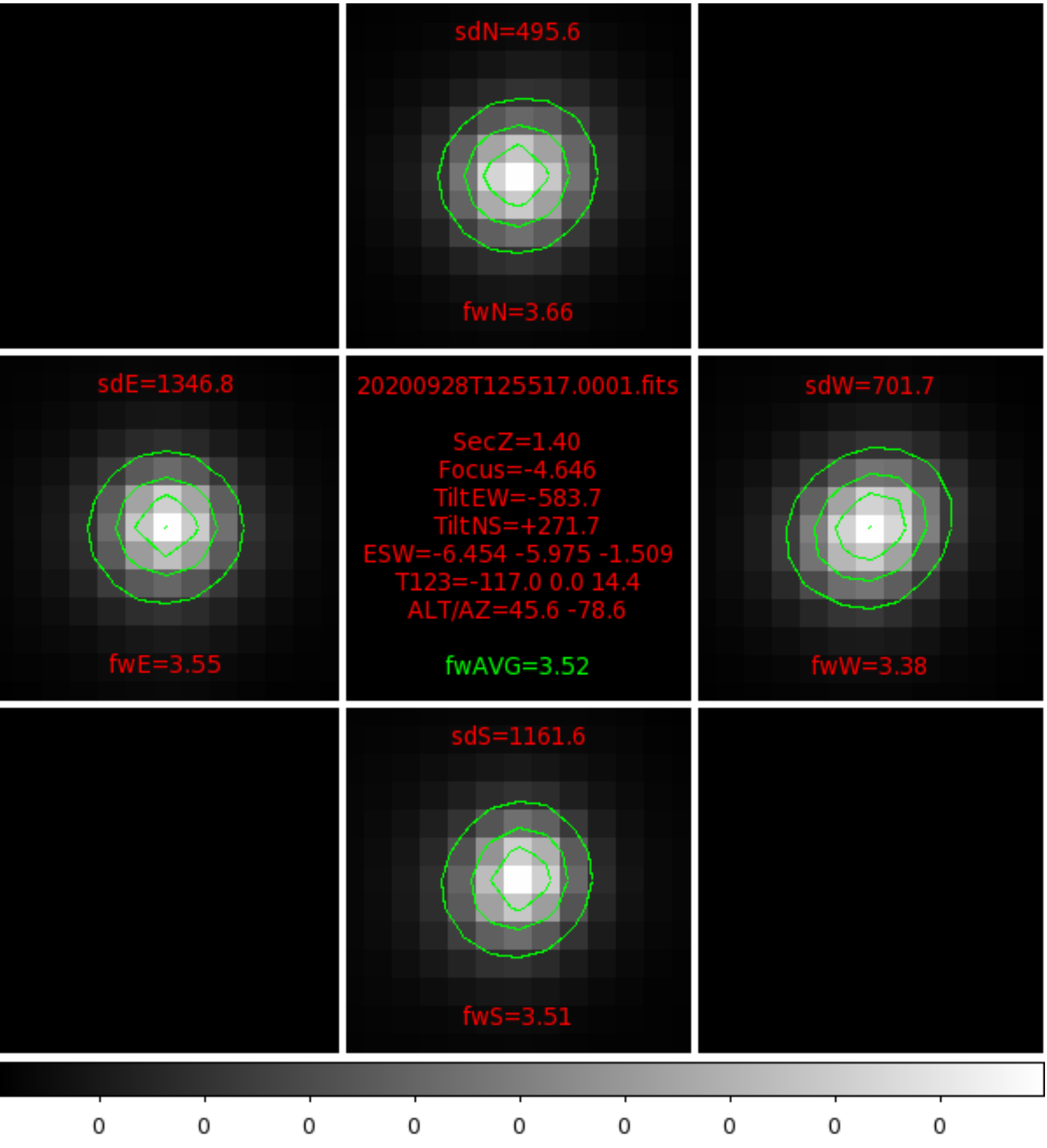
sdN=495.6
fwN=3.66
sdE=1346.8
fwE=3.55
20200928T125517.0001.fits
SecZ=1.40
Focus=-4.646
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.454 -5.975 -1.509
T123=-117.0 0.0 14.4
ALT/AZ=45.6 -78.6
fwAVG=3.52
sdW=701.7
fwW=3.38
sdS=1161.6
fwS=3.51
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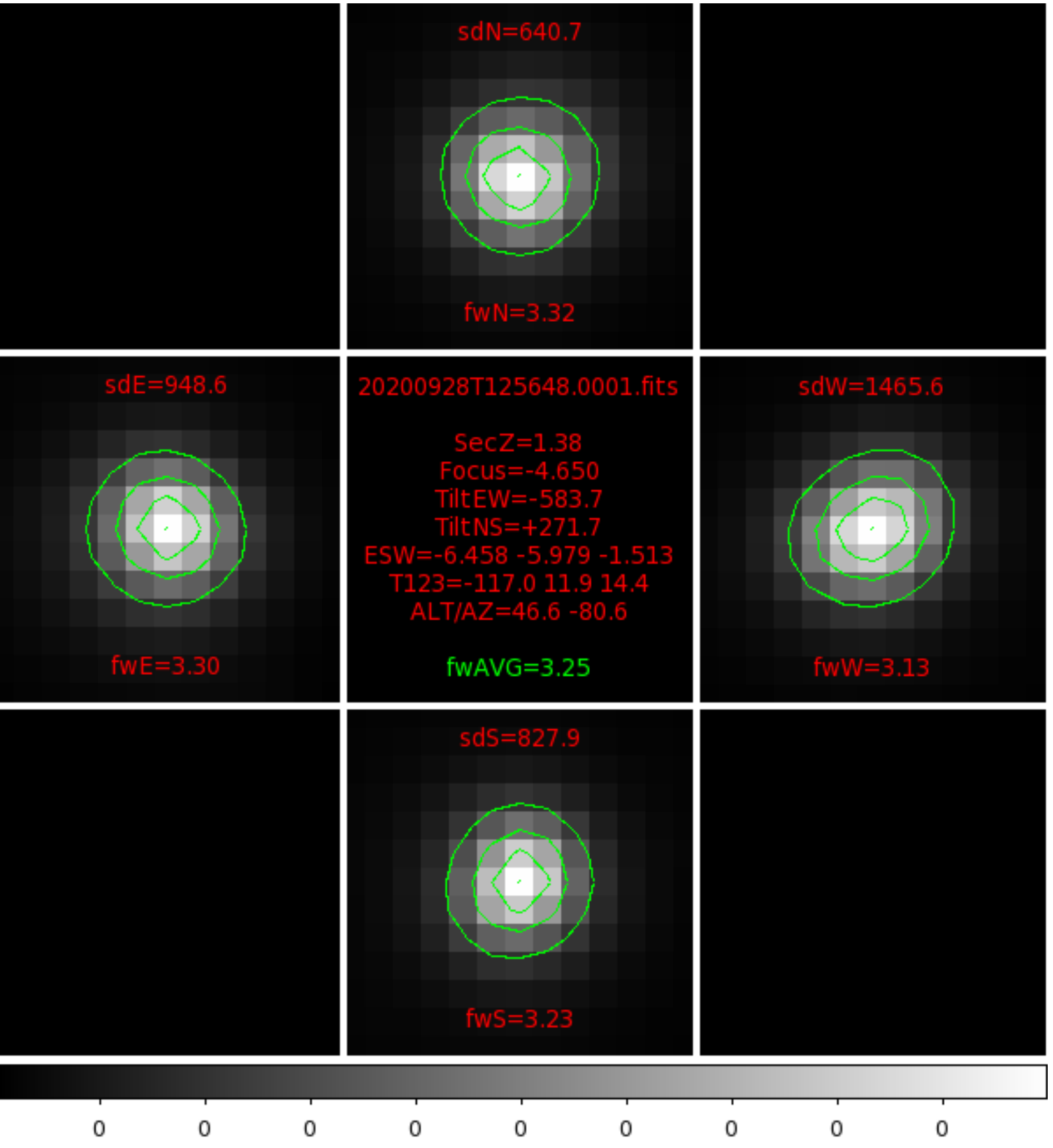
sdN=640.7
fwN=3.32
sdE=948.6
fwE=3.30
20200928T125648.0001.fits
SecZ=1.38
Focus=-4.650
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.458 -5.979 -1.513
T123=-117.0 11.9 14.4
ALT/AZ=46.6 -80.6
fwAVG=3.25
sdW=1465.6
fwW=3.13
sdS=827.9
fwS=3.23
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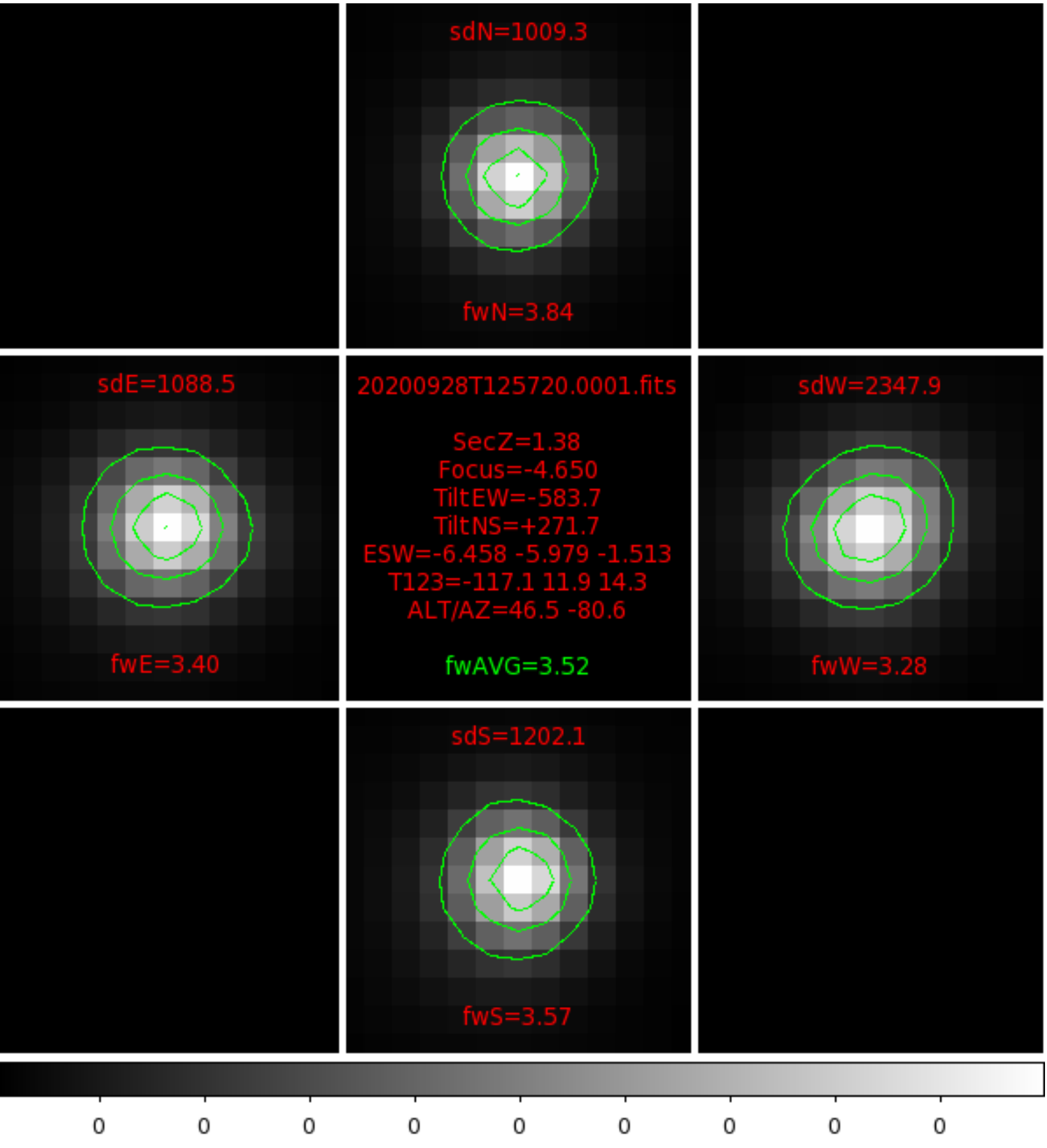
sdN=1009.3
fwN=3.84
sdE=1088.5
fwE=3.40
20200928T125720.0001.fits
SecZ=1.38
Focus=-4.650
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.458 -5.979 -1.513
T123=-117.1 11.9 14.3
ALT/AZ=46.5 -80.6
fwAVG=3.52
sdW=2347.9
fwW=3.28
sdS=1202.1
fwS=3.57
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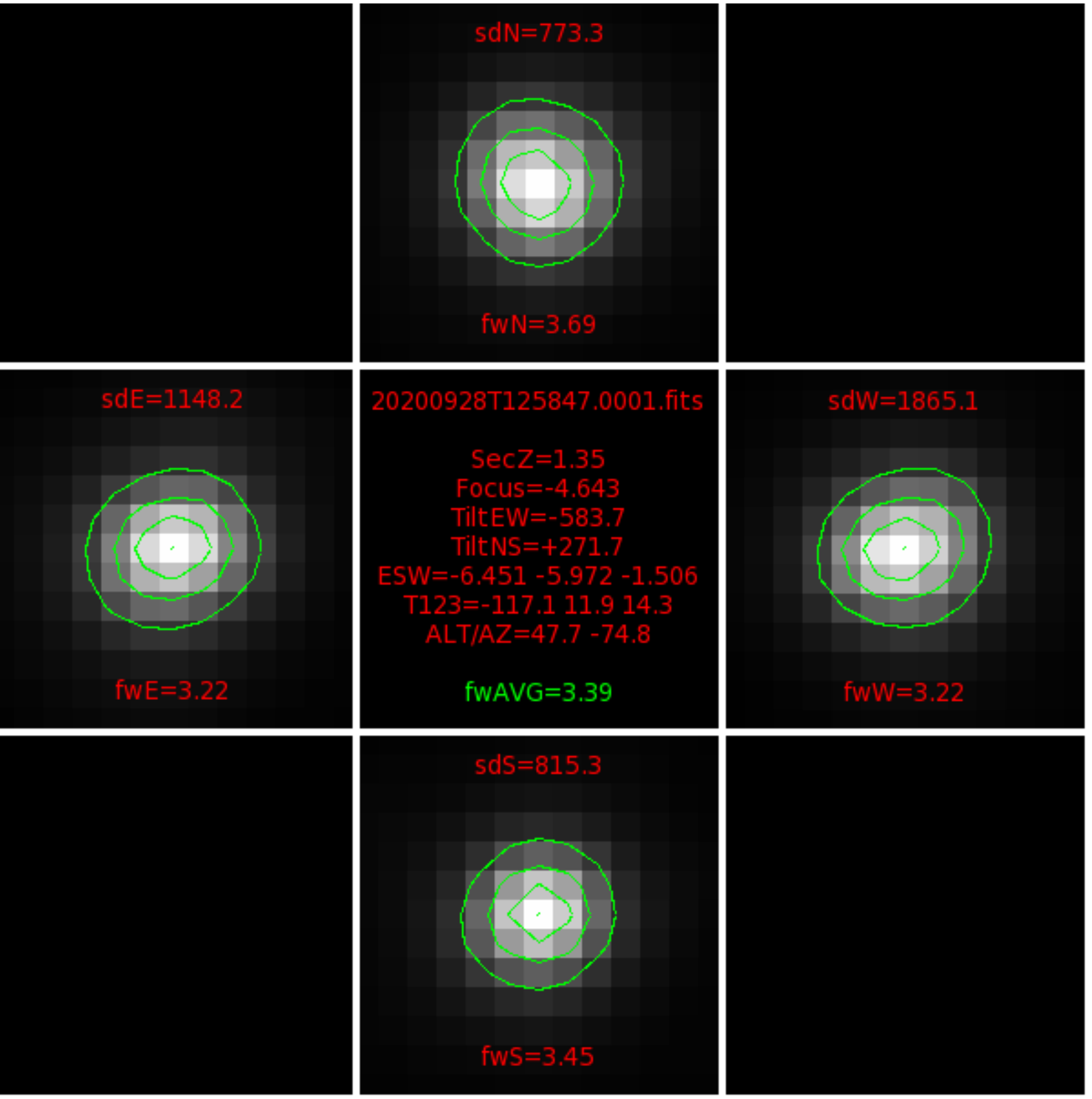
sdN=773.3
fwN=3.69
sdE=1148.2
fwE=3.22
20200928T125847.0001.fits
SecZ=1.35
Focus=-4.643
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.451 -5.972 -1.506
T123=-117.1 11.9 14.3
ALT/AZ=47.7 -74.8
fwAVG=3.39
sdW=1865.1
fwW=3.22
sdS=815.3
fwS=3.45
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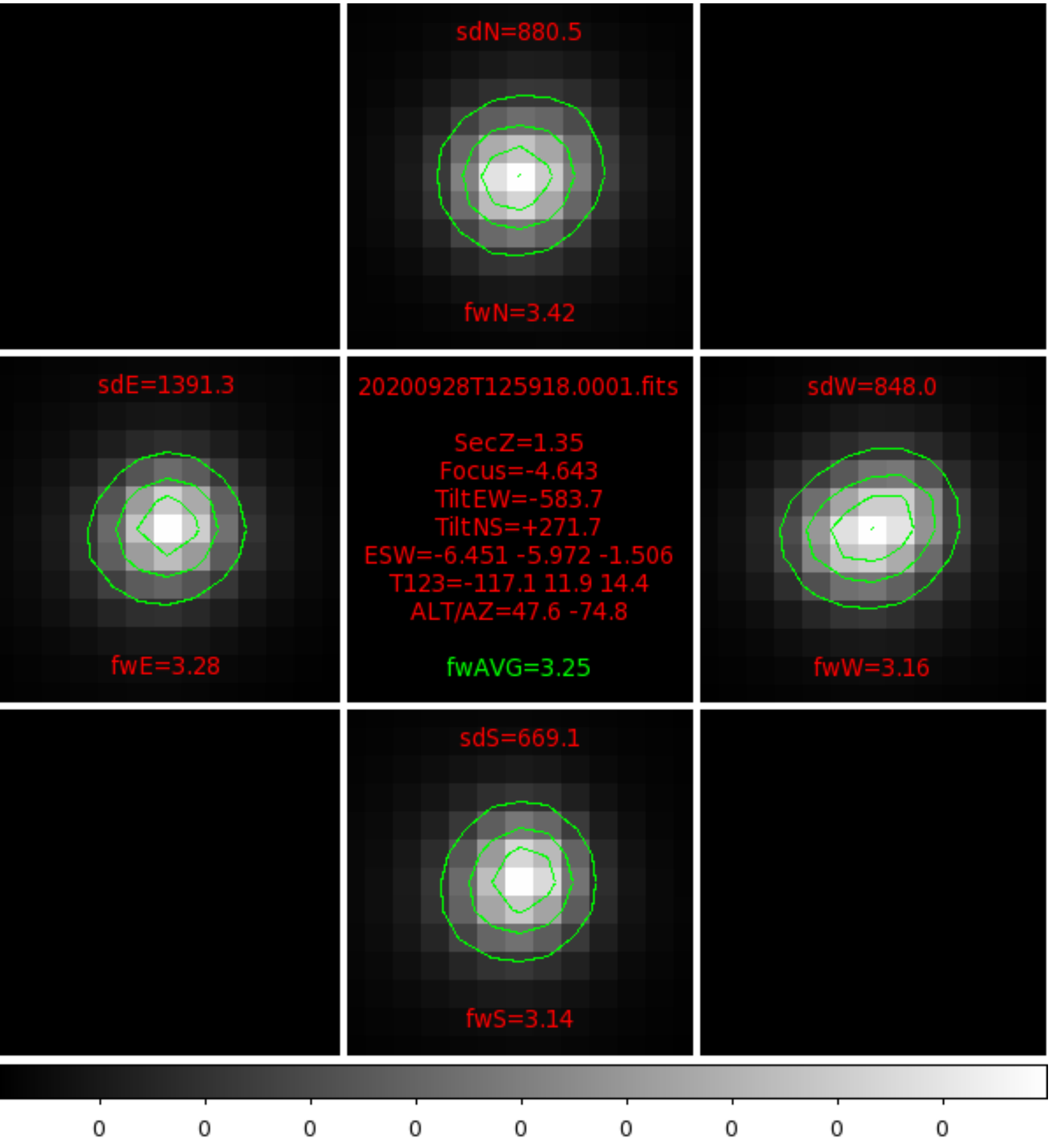
sdN=880.5
fwN=3.42
sdE=1391.3
fwE=3.28
20200928T125918.0001.fits
SecZ=1.35
Focus=-4.643
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.451 -5.972 -1.506
T123=-117.1 11.9 14.4
ALT/AZ=47.6 -74.8
fwAVG=3.25
sdW=848.0
fwW=3.16
sdS=669.1
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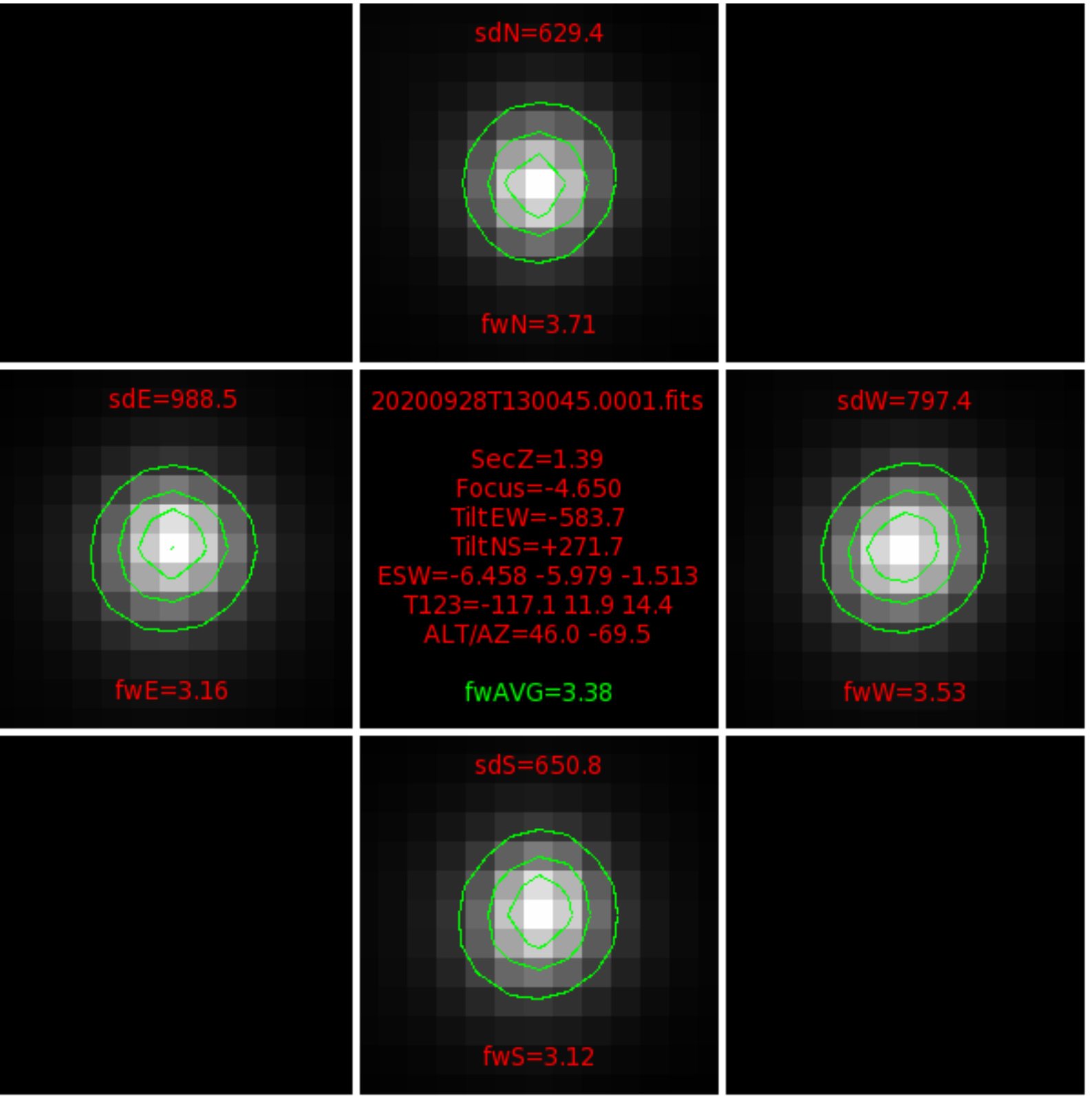
sdN=629.4
fwN=3.71
sdE=988.5
fwE=3.16
20200928T130045.0001.fits
SecZ=1.39
Focus=-4.650
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.458 -5.979 -1.513
T123=-117.1 11.9 14.4
ALT/AZ=46.0 -69.5
fwAVG=3.38
sdW=797.4
fwW=3.53
sdS=650.8
fwS=3.12
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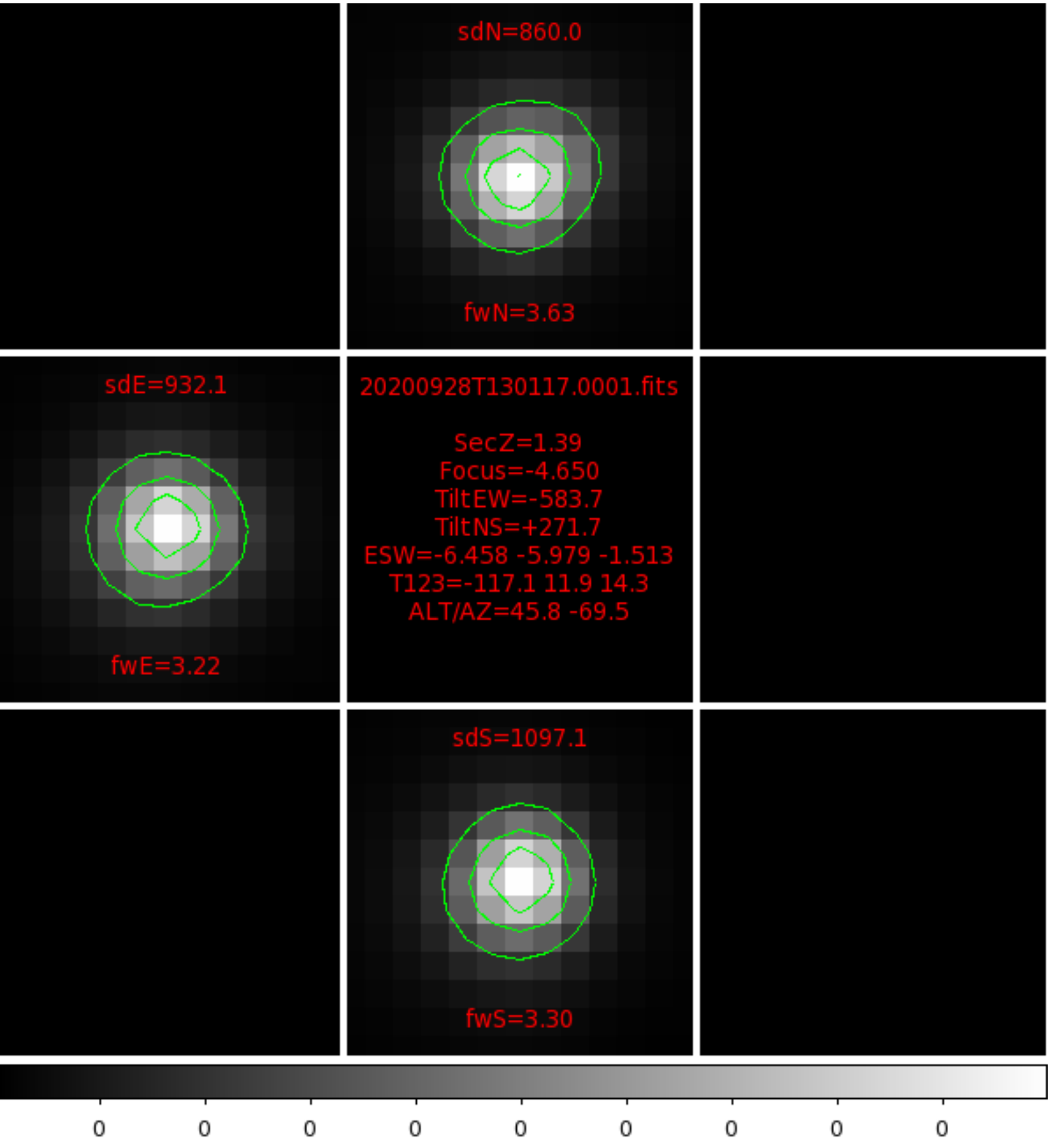
sdN=860.0
fwN=3.63
sdE=932.1
fwE=3.22
20200928T130117.0001.fits
SecZ=1.39
Focus=-4.650
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.458 -5.979 -1.513
T123=-117.1 11.9 14.3
ALT/AZ=45.8 -69.5
sdS=1097.1
fwS=3.30
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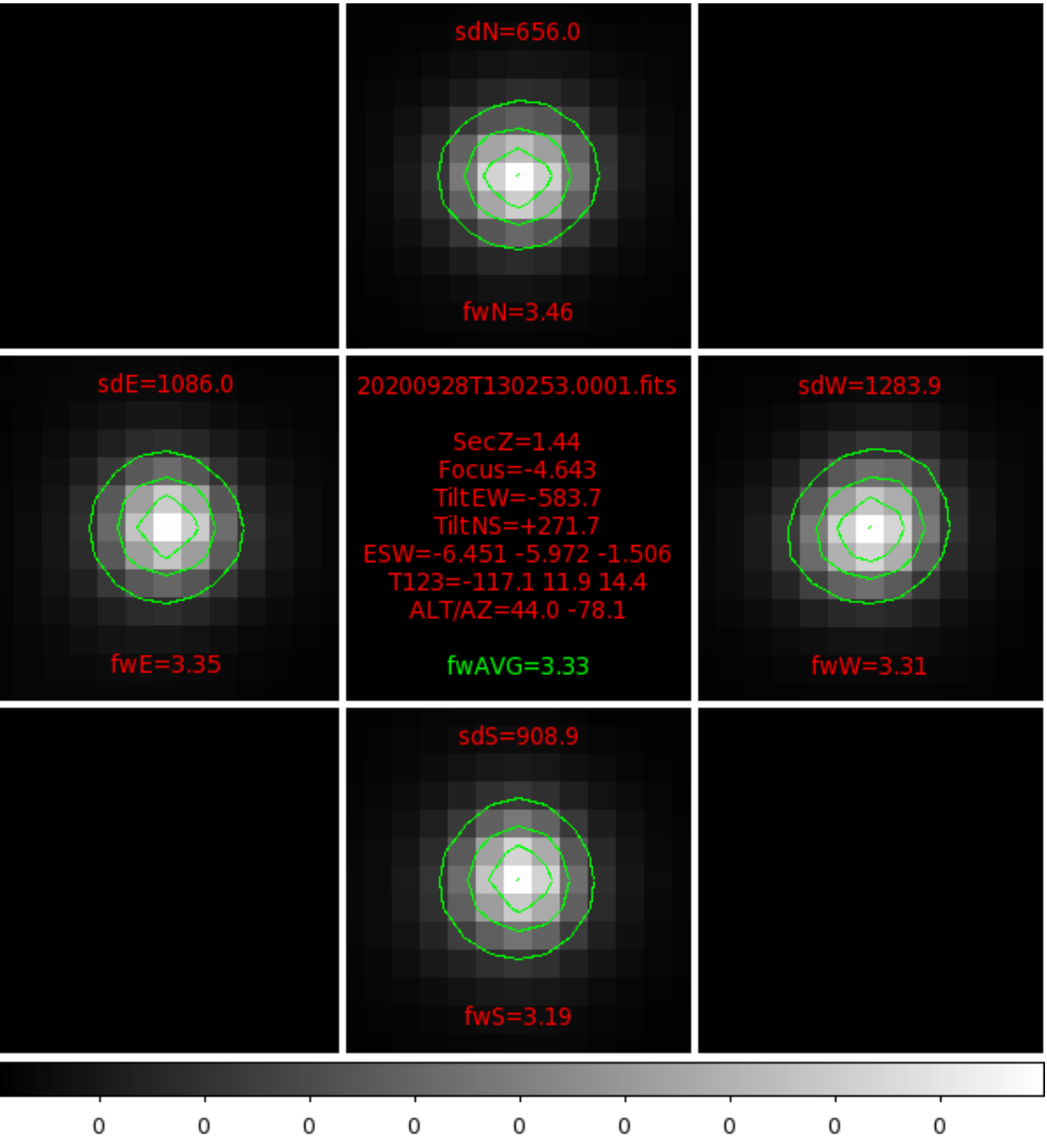
sdN=656.0
fwN=3.46
sdE=1086.0
fwE=3.35
20200928T130253.0001.fits
SecZ=1.44
Focus=-4.643
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.451 -5.972 -1.506
T123=-117.1 11.9 14.4
ALT/AZ=44.0 -78.1
fwAVG=3.33
sdW=1283.9
fwW=3.31
sdS=908.9
fwS=3.19
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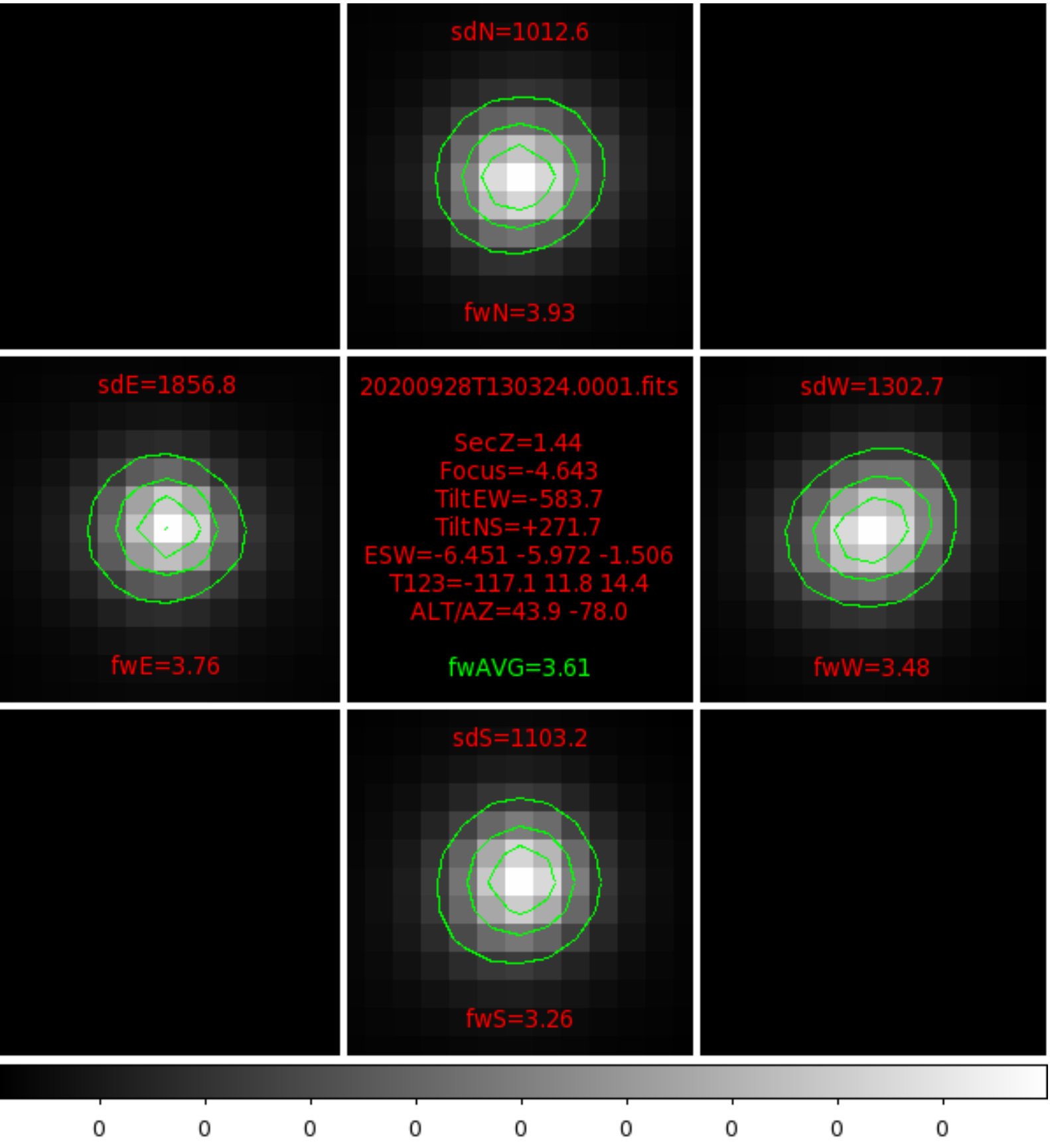
sdN=1012.6
fwN=3.93
sdE=1856.8
fwE=3.76
20200928T130324.0001.fits
SecZ=1.44
Focus=-4.643
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.451 -5.972 -1.506
T123=-117.1 11.8 14.4
ALT/AZ=43.9 -78.0
fwAVG=3.61
sdW=1302.7
fwW=3.48
sdS=1103.2
fwS=3.26
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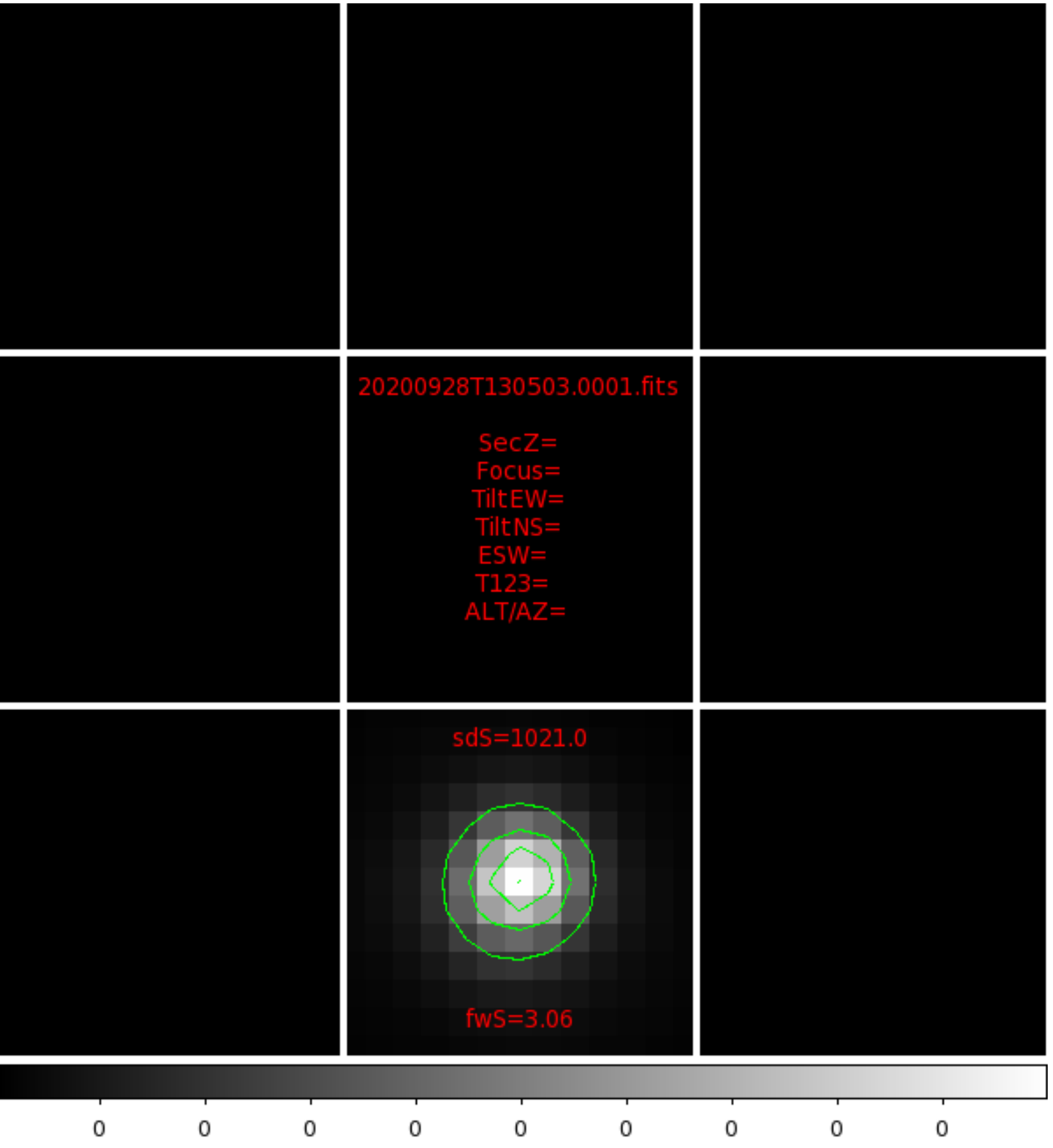
20200928T130503.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=1021.0
fwS=3.06
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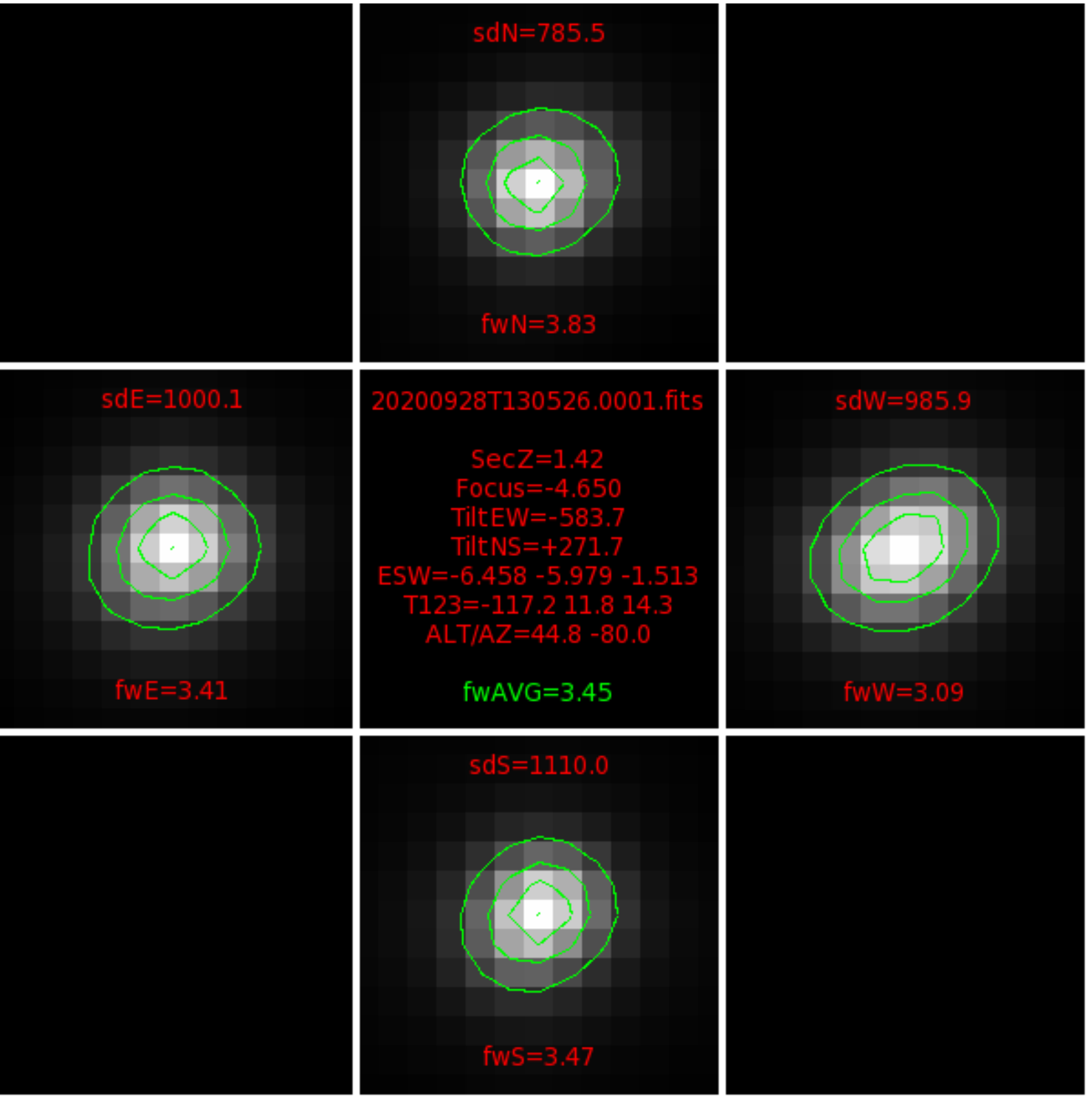
sdN=785.5
fwN=3.83
sdE=1000.1
fwE=3.41
20200928T130526.0001.fits
SecZ=1.42
Focus=-4.650
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.458 -5.979 -1.513
T123=-117.2 11.8 14.3
ALT/AZ=44.8 -80.0
fwAVG=3.45
sdW=985.9
fwW=3.09
sdS=1110.0
fwS=3.47
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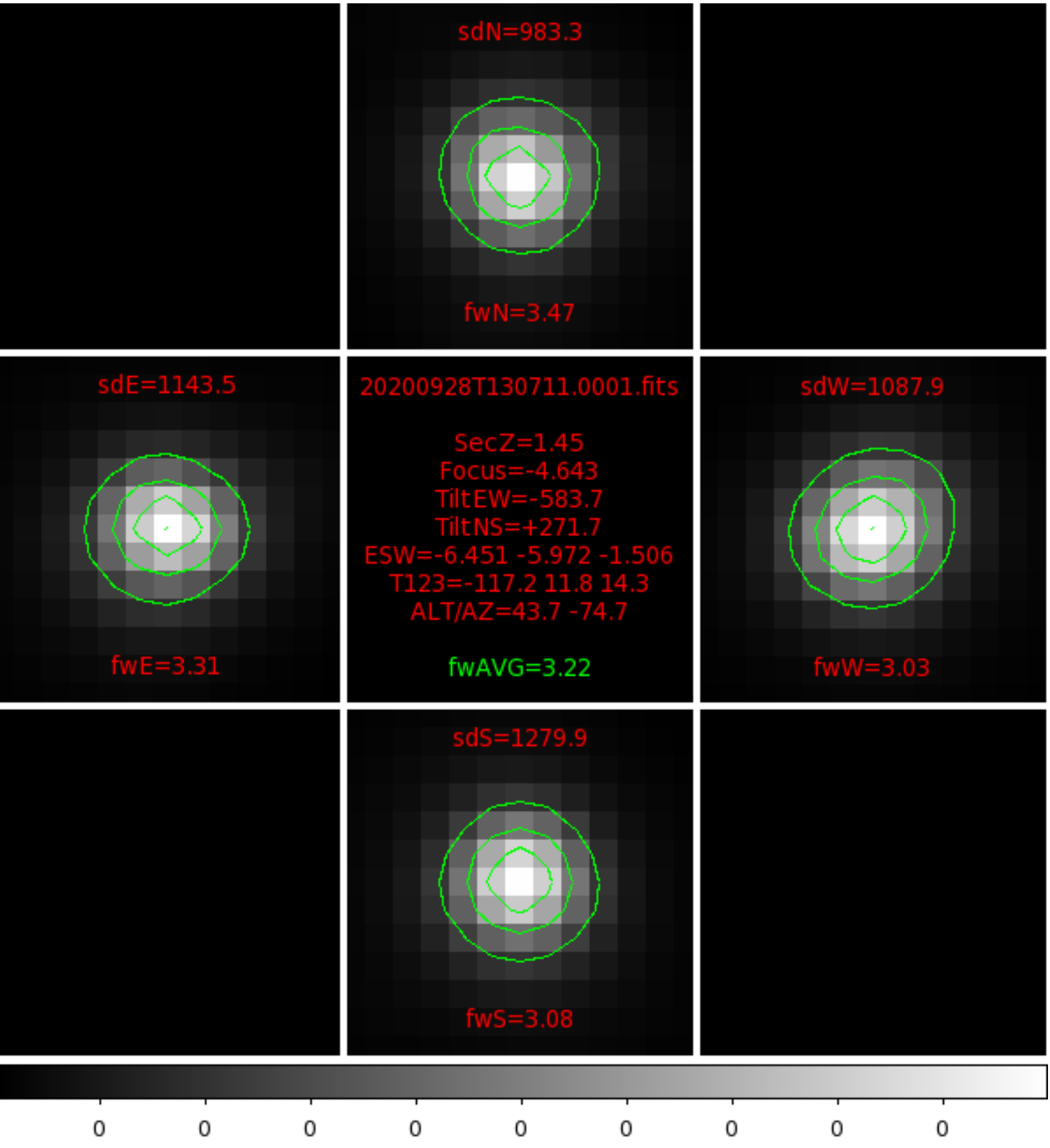
sdN=983.3
fwN=3.47
sdE=1143.5
fwE=3.31
20200928T130711.0001.fits
SecZ=1.45
Focus=-4.643
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.451 -5.972 -1.506
T123=-117.2 11.8 14.3
ALT/AZ=43.7 -74.7
fwAVG=3.22
sdW=1087.9
fwW=3.03
sdS=1279.9
fwS=3.08
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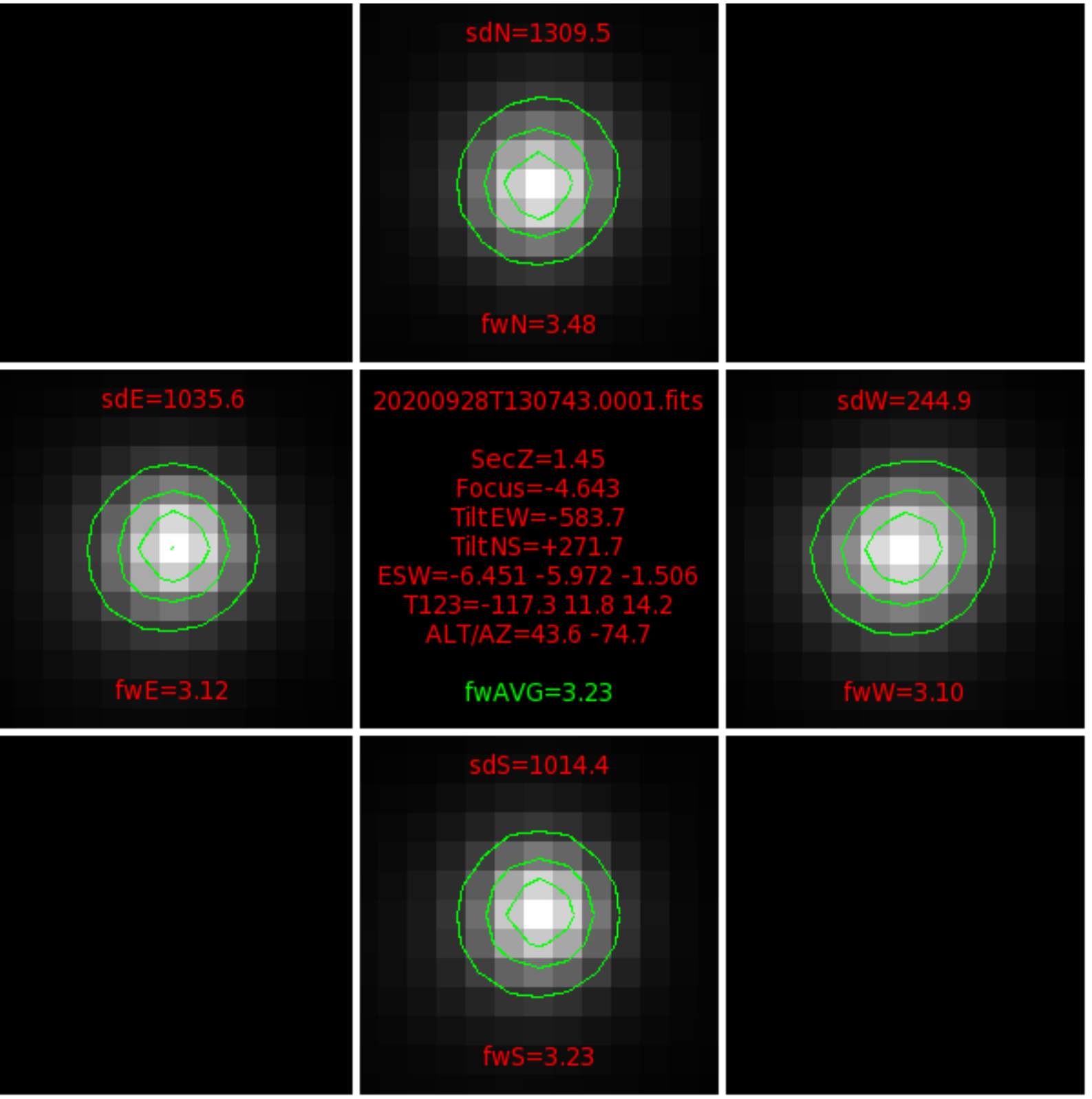
sdN=1309.5
fwN=3.48
sdE=1035.6
fwE=3.12
20200928T130743.0001.fits
SecZ=1.45
Focus=-4.643
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.451 -5.972 -1.506
T123=-117.3 11.8 14.2
ALT/AZ=43.6 -74.7
fwAVG=3.23
sdW=244.9
fwW=3.10
sdS=1014.4
fwS=3.23
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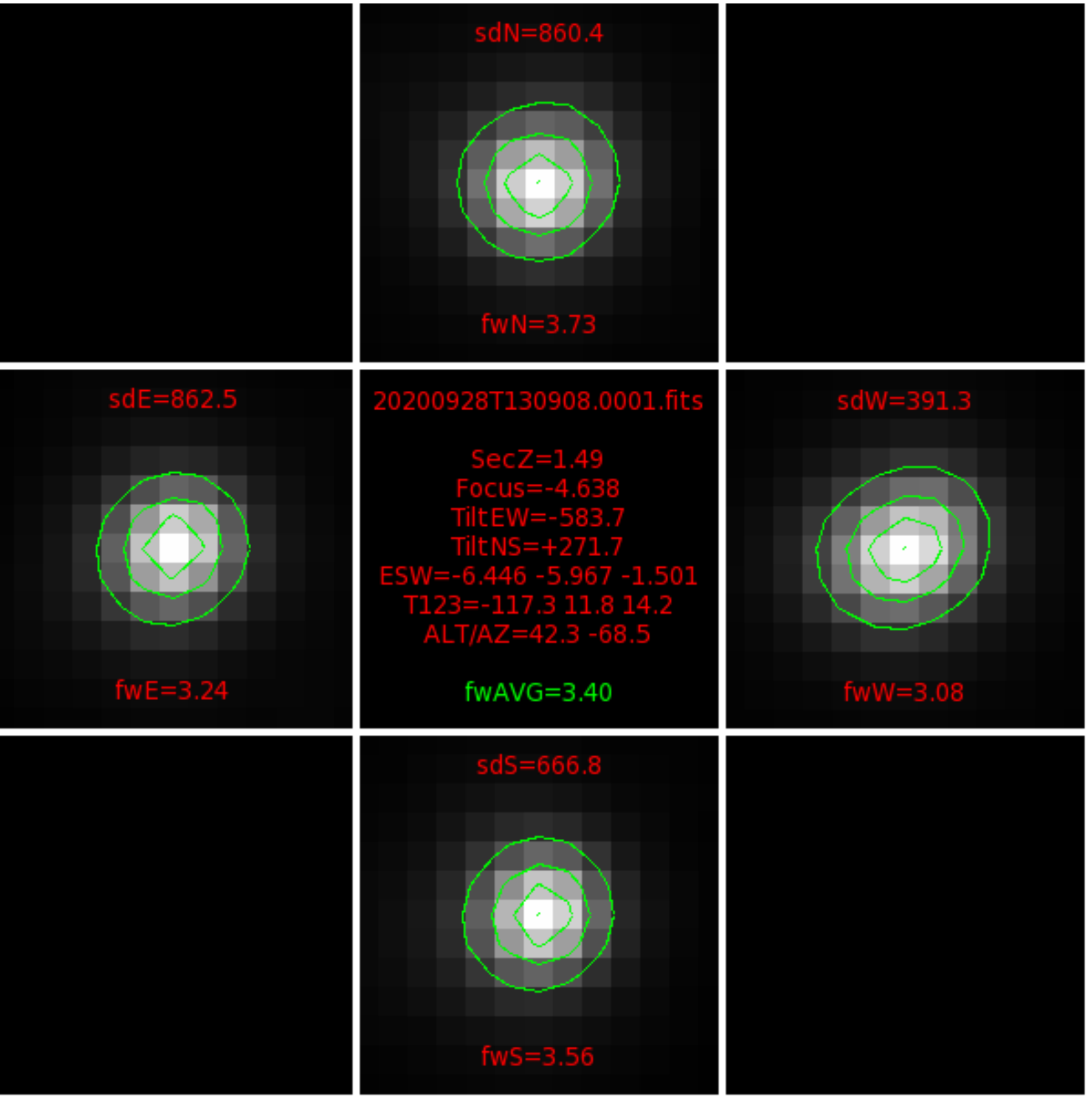
sdN=860.4
fwN=3.73
sdE=862.5
fwE=3.24
20200928T130908.0001.fits
SecZ=1.49
Focus=-4.638
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.446 -5.967 -1.501
T123=-117.3 11.8 14.2
ALT/AZ=42.3 -68.5
fwAVG=3.40
sdW=391.3
fwW=3.08
sdS=666.8
fwS=3.56
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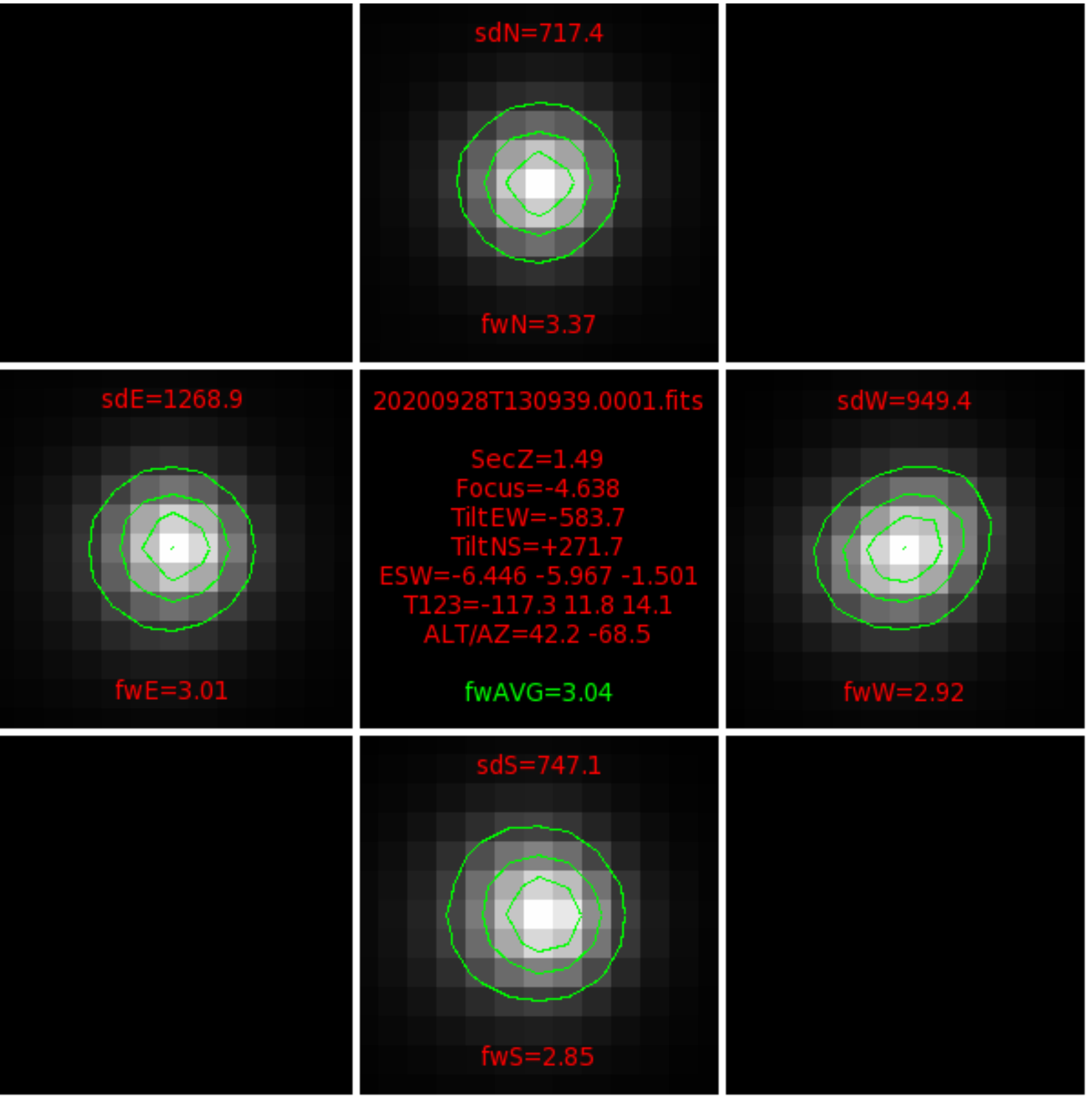
sdN=717.4
fwN=3.37
sdE=1268.9
fwE=3.01
20200928T130939.0001.fits
SecZ=1.49
Focus=-4.638
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.446 -5.967 -1.501
T123=-117.3 11.8 14.1
ALT/AZ=42.2 -68.5
fwAVG=3.04
sdW=949.4
fwW=2.92
sdS=747.1
fwS=2.85
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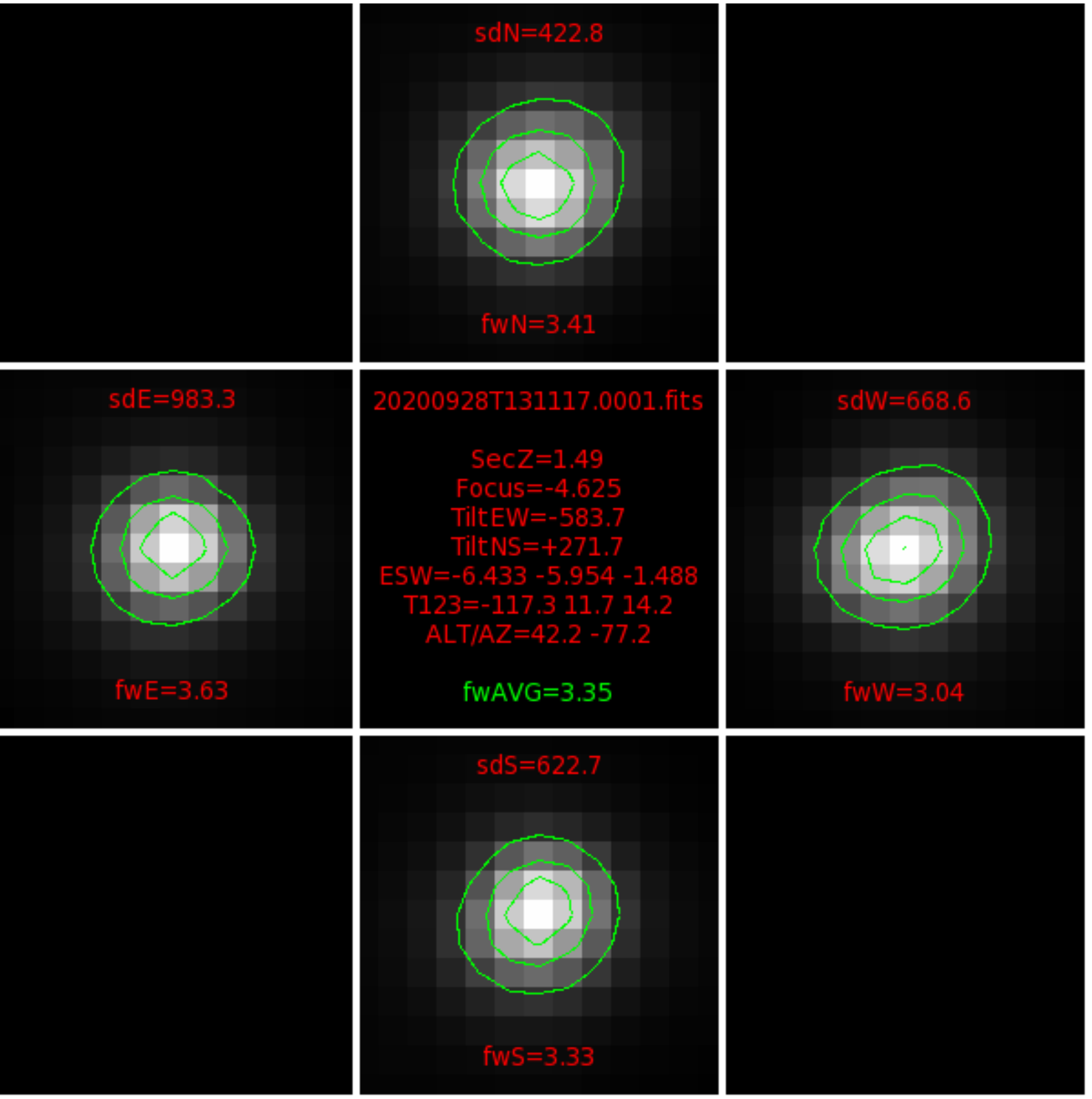
sdN=422.8
fwN=3.41
sdE=983.3
fwE=3.63
20200928T131117.0001.fits
SecZ=1.49
Focus=-4.625
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.433 -5.954 -1.488
T123=-117.3 11.7 14.2
ALT/AZ=42.2 -77.2
fwAVG=3.35
sdW=668.6
fwW=3.04
sdS=622.7
fwS=3.33
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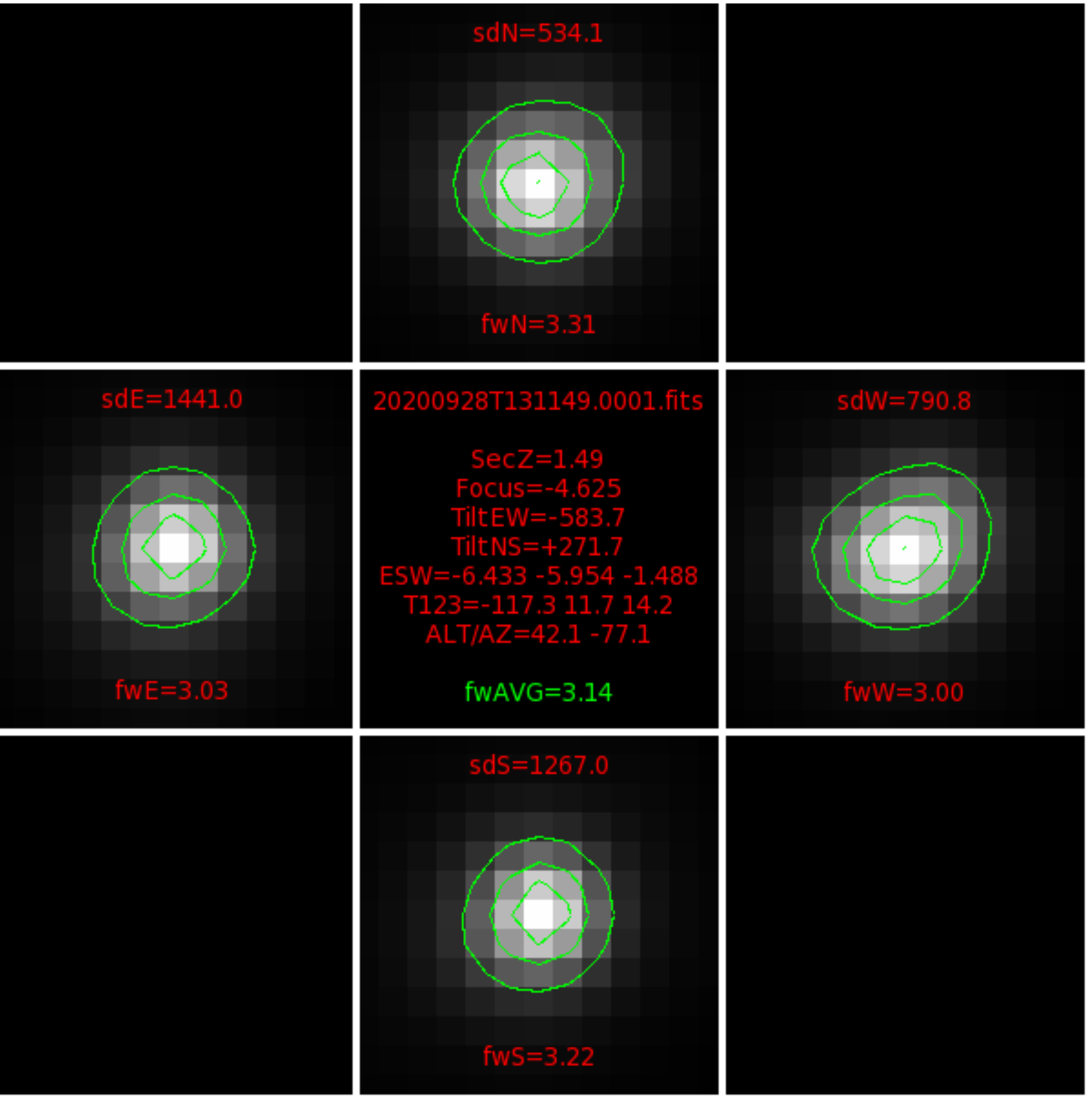
sdN=534.1
fwN=3.31
sdE=1441.0
fwE=3.03
20200928T131149.0001.fits
SecZ=1.49
Focus=-4.625
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.433 -5.954 -1.488
T123=-117.3 11.7 14.2
ALT/AZ=42.1 -77.1
fwAVG=3.14
sdW=790.8
fwW=3.00
sdS=1267.0
fwS=3.22
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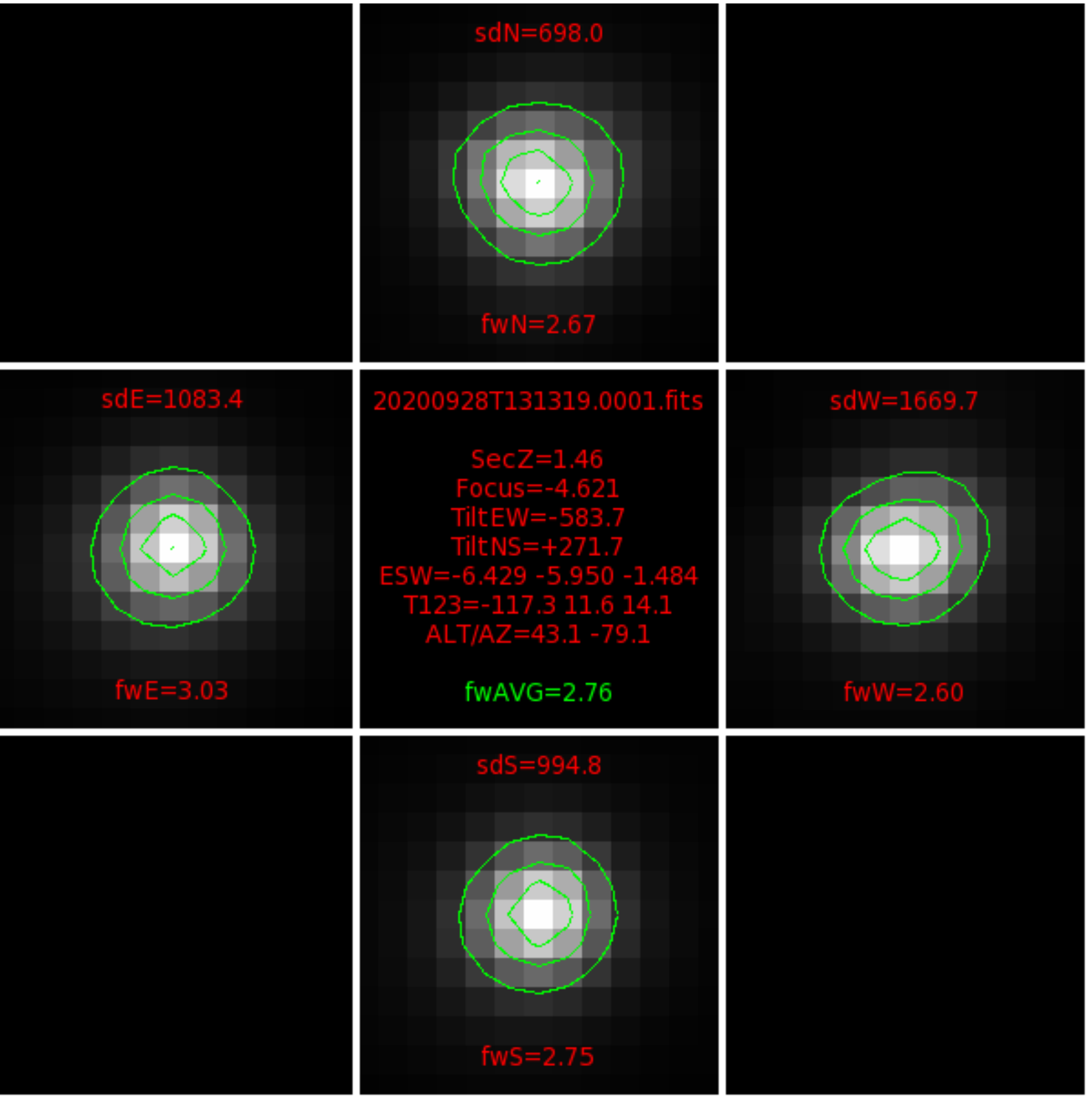
sdN=698.0
fwN=2.67
sdE=1083.4
fwE=3.03
20200928T131319.0001.fits
SecZ=1.46
Focus=-4.621
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.429 -5.950 -1.484
T123=-117.3 11.6 14.1
ALT/AZ=43.1 -79.1
fwAVG=2.76
sdW=1669.7
fwW=2.60
sdS=994.8
fwS=2.75
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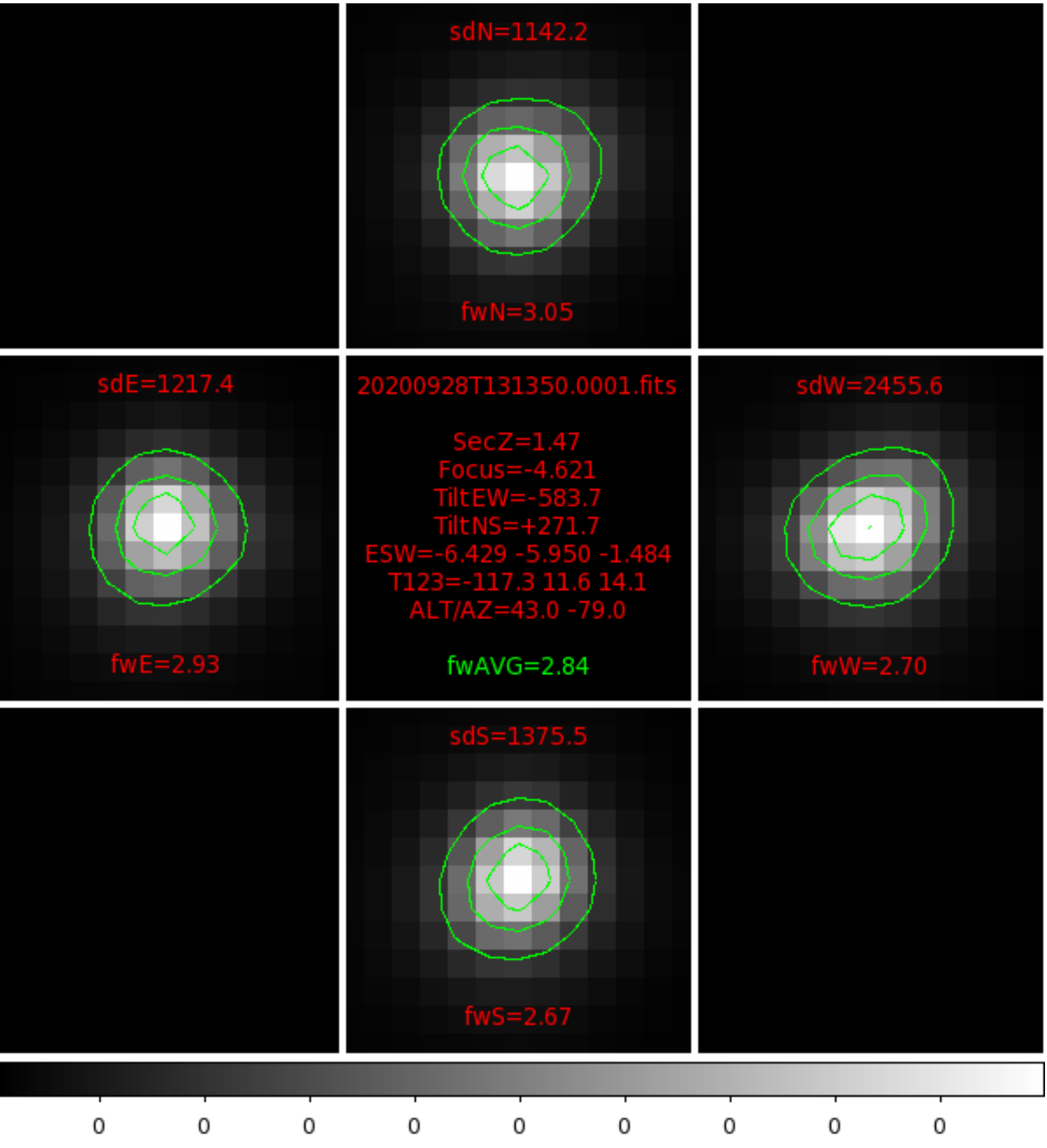
sdN=1142.2
fwN=3.05
sdE=1217.4
fwE=2.93
20200928T131350.0001.fits
SecZ=1.47
Focus=-4.621
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.429 -5.950 -1.484
T123=-117.3 11.6 14.1
ALT/AZ=43.0 -79.0
fwAVG=2.84
sdW=2455.6
fwW=2.70
sdS=1375.5
fwS=2.67
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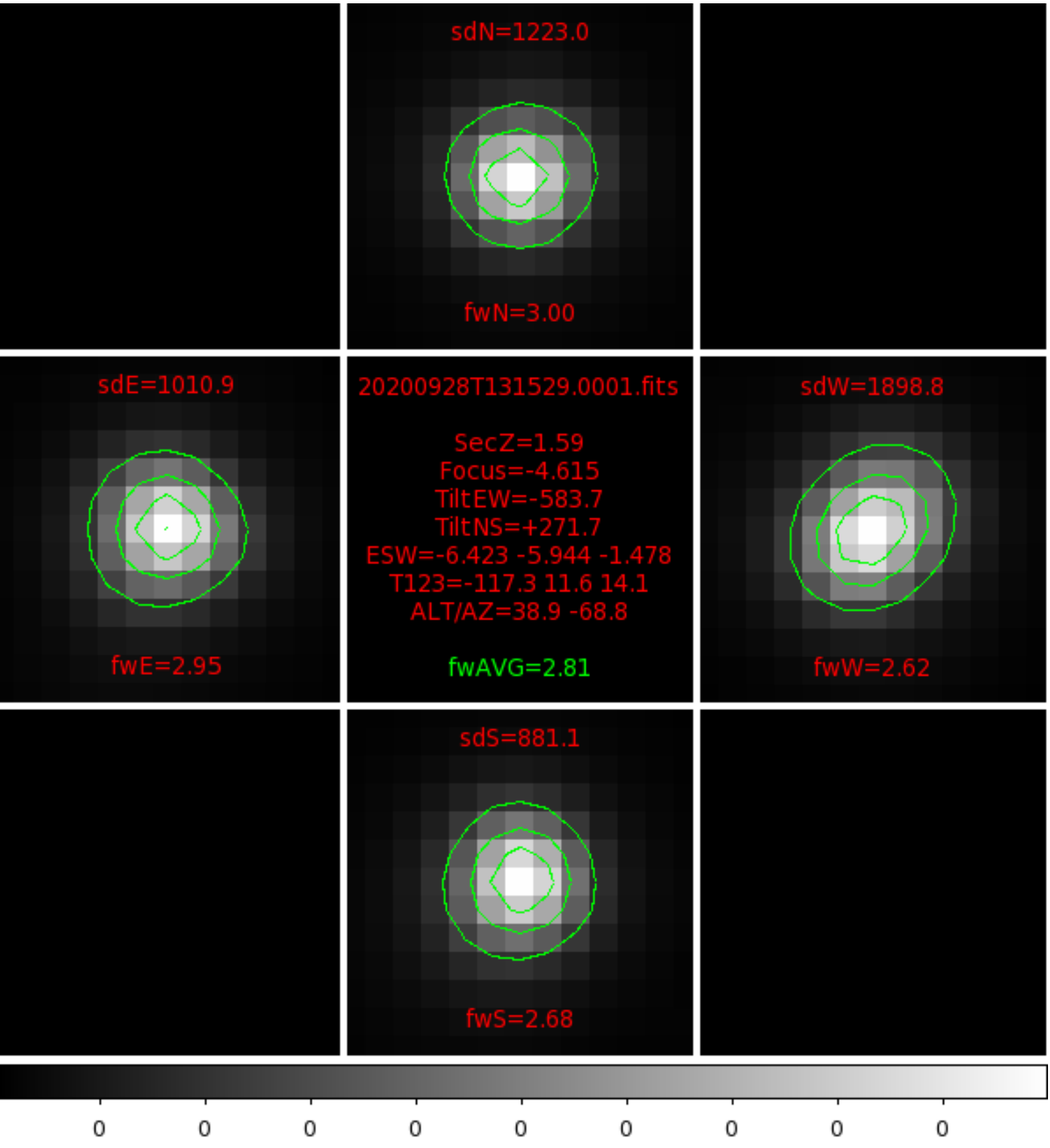
sdN=1223.0
fwN=3.00
sdE=1010.9
fwE=2.95
20200928T131529.0001.fits
SecZ=1.59
Focus=-4.615
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.423 -5.944 -1.478
T123=-117.3 11.6 14.1
ALT/AZ=38.9 -68.8
fwAVG=2.81
sdW=1898.8
fwW=2.62
sdS=881.1
fwS=2.68
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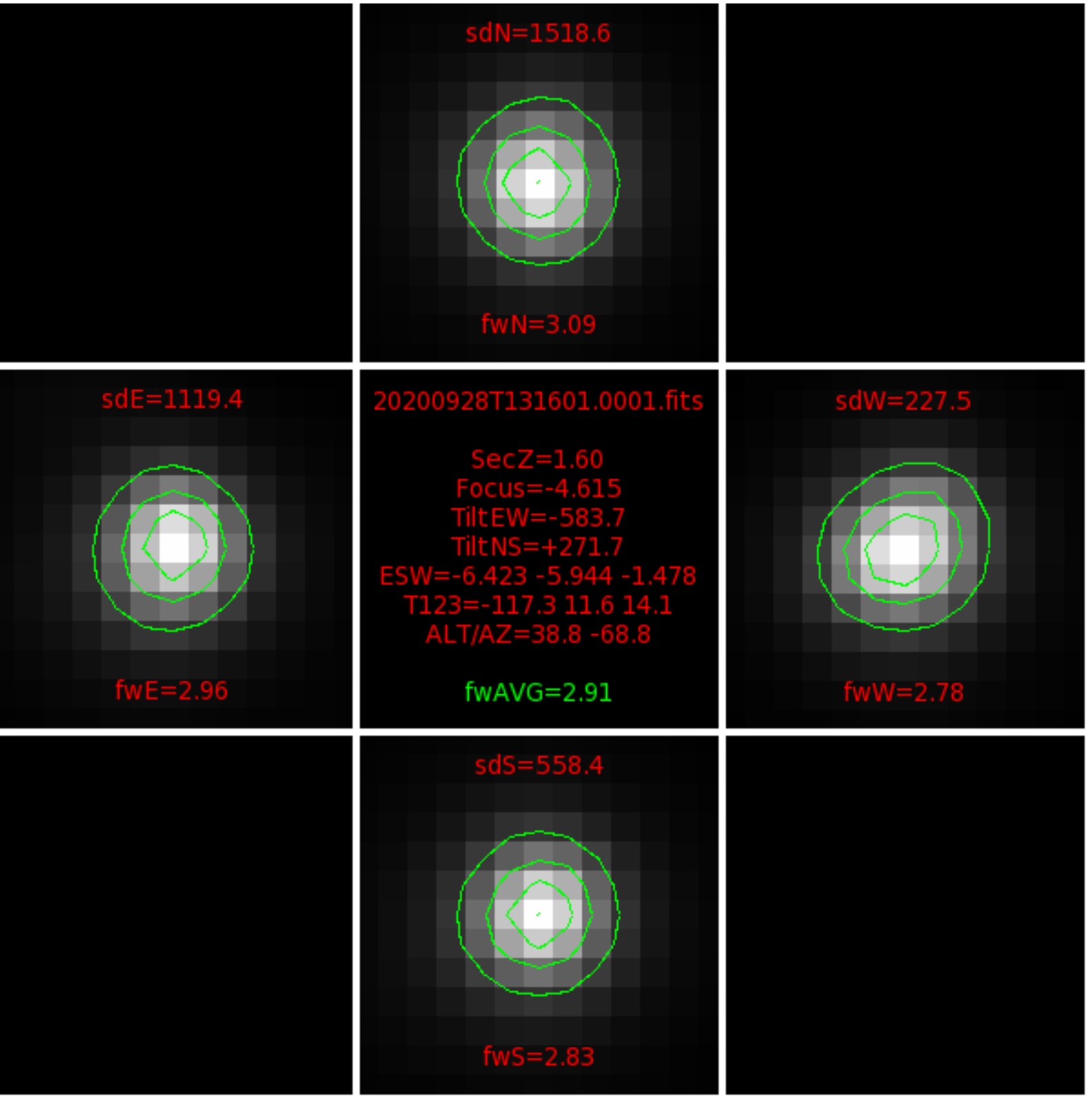
sdN=1518.6
fwN=3.09
sdE=1119.4
fwE=2.96
20200928T131601.0001.fits
SecZ=1.60
Focus=-4.615
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.423 -5.944 -1.478
T123=-117.3 11.6 14.1
ALT/AZ=38.8 -68.8
fwAVG=2.91
sdW=227.5
fwW=2.78
sdS=558.4
fwS=2.83
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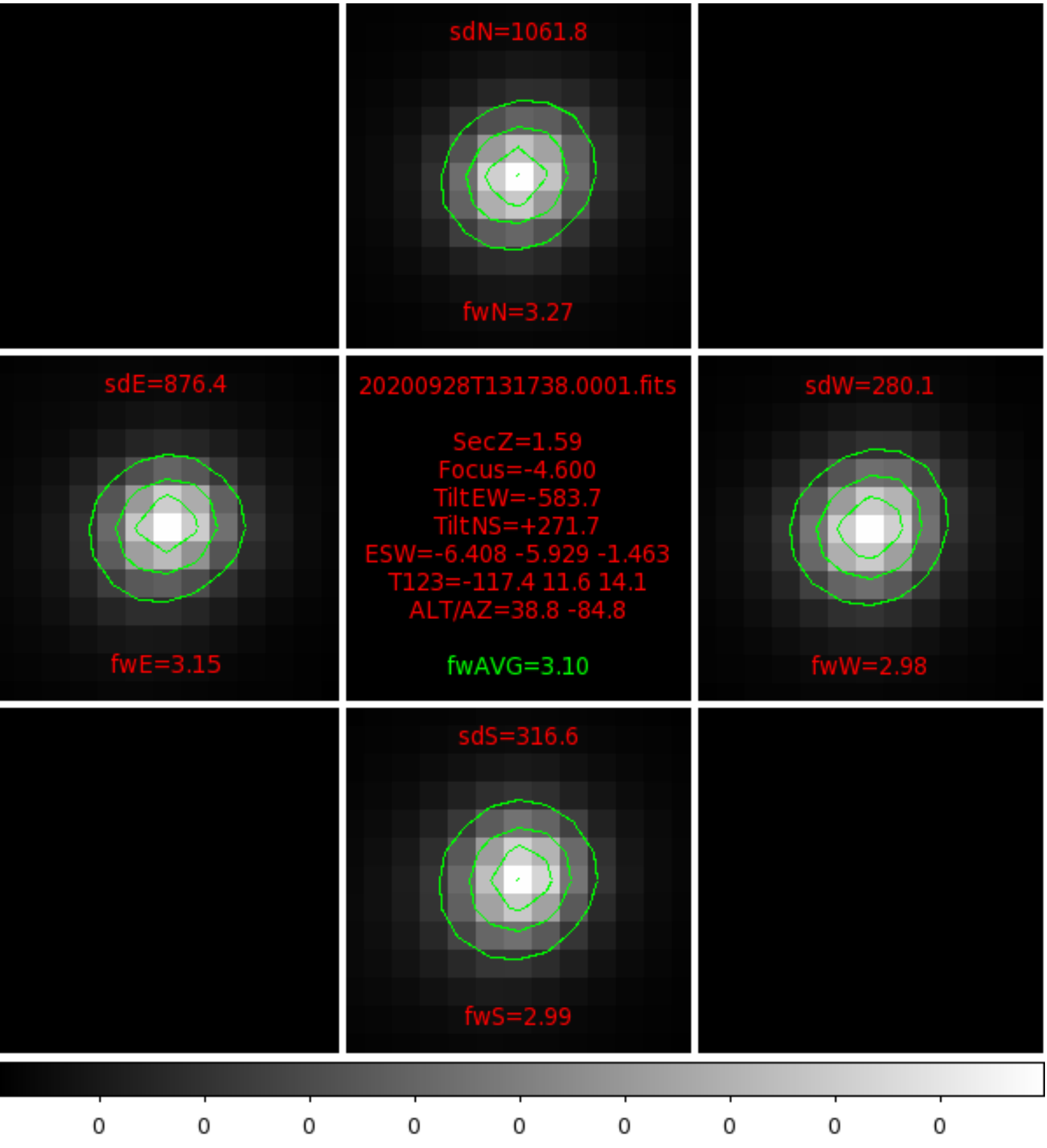
sdN=1061.8
fwN=3.27
sdE=876.4
fwE=3.15
20200928T131738.0001.fits
SecZ=1.59
Focus=-4.600
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.408 -5.929 -1.463
T123=-117.4 11.6 14.1
ALT/AZ=38.8 -84.8
fwAVG=3.10
sdW=280.1
fwW=2.98
sdS=316.6
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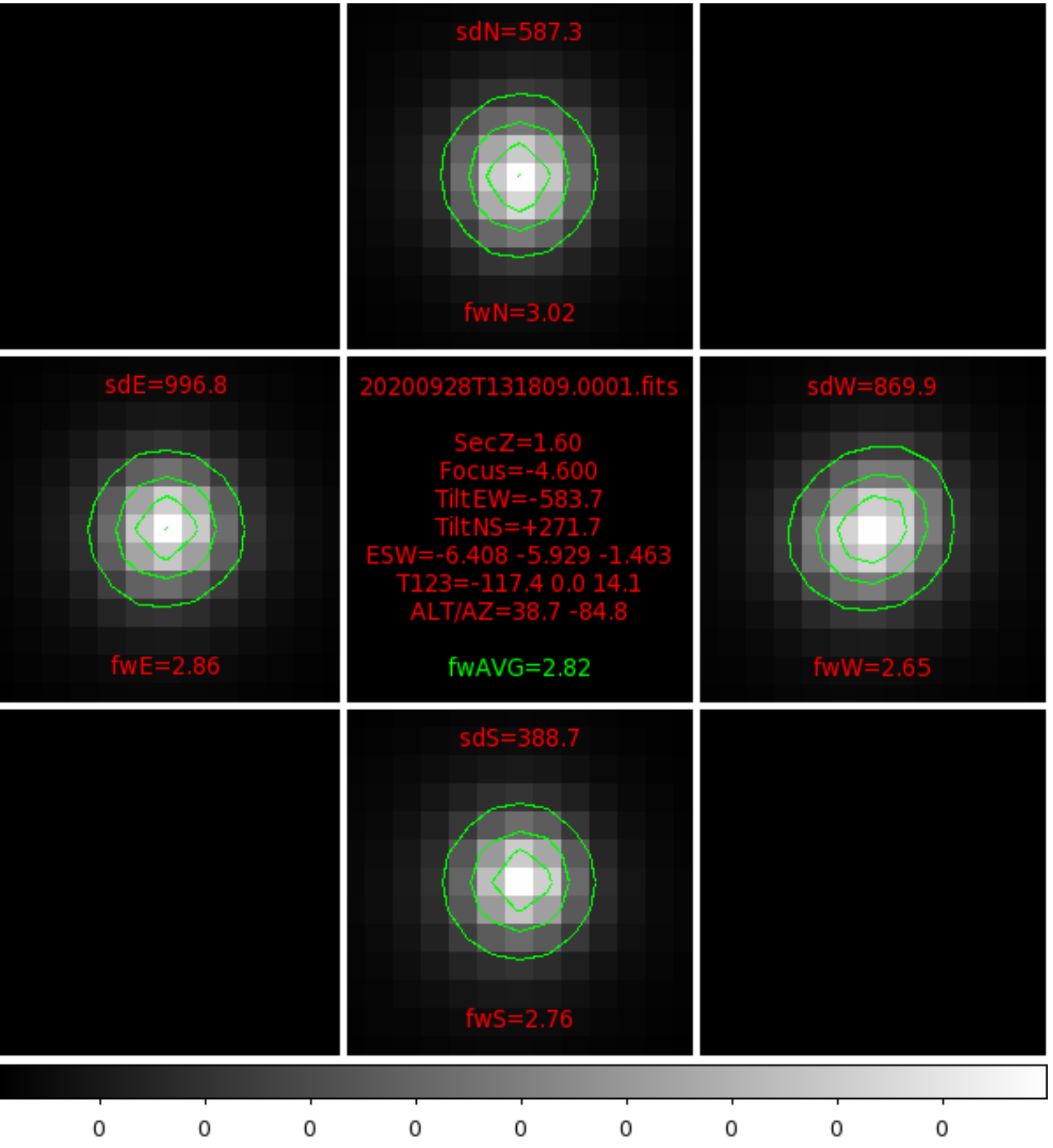
sdN=587.3
fwN=3.02
sdE=996.8
fwE=2.86
20200928T131809.0001.fits
SecZ=1.60
Focus=-4.600
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.408 -5.929 -1.463
T123=-117.4 0.0 14.1
ALT/AZ=38.7 -84.8
fwAVG=2.82
sdW=869.9
fwW=2.65
sdS=388.7
fwS=2.76
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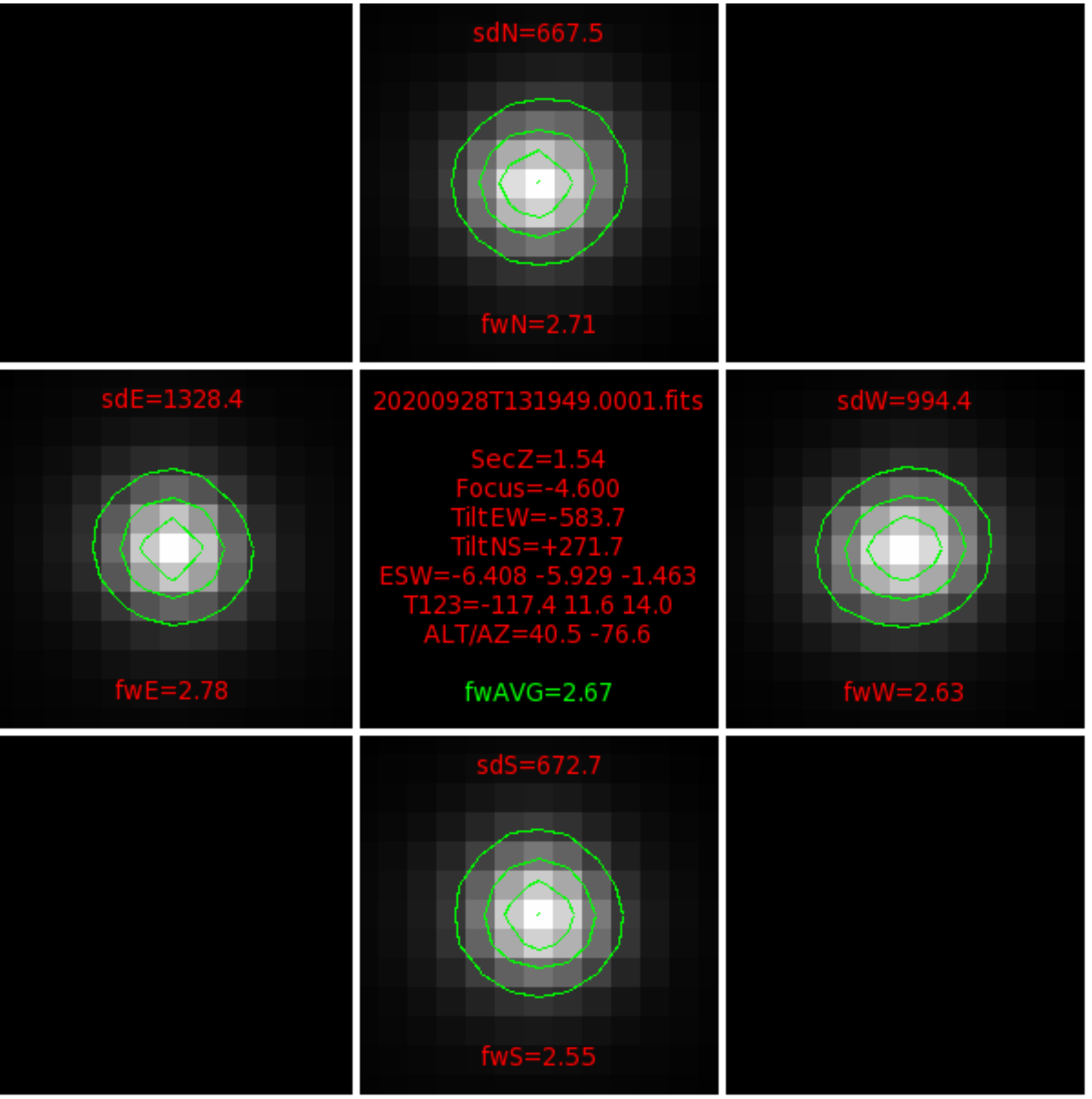
sdN=667.5
fwN=2.71
sdE=1328.4
fwE=2.78
20200928T131949.0001.fits
SecZ=1.54
Focus=-4.600
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.408 -5.929 -1.463
T123=-117.4 11.6 14.0
ALT/AZ=40.5 -76.6
fwAVG=2.67
sdW=994.4
fwW=2.63
sdS=672.7
fwS=2.55
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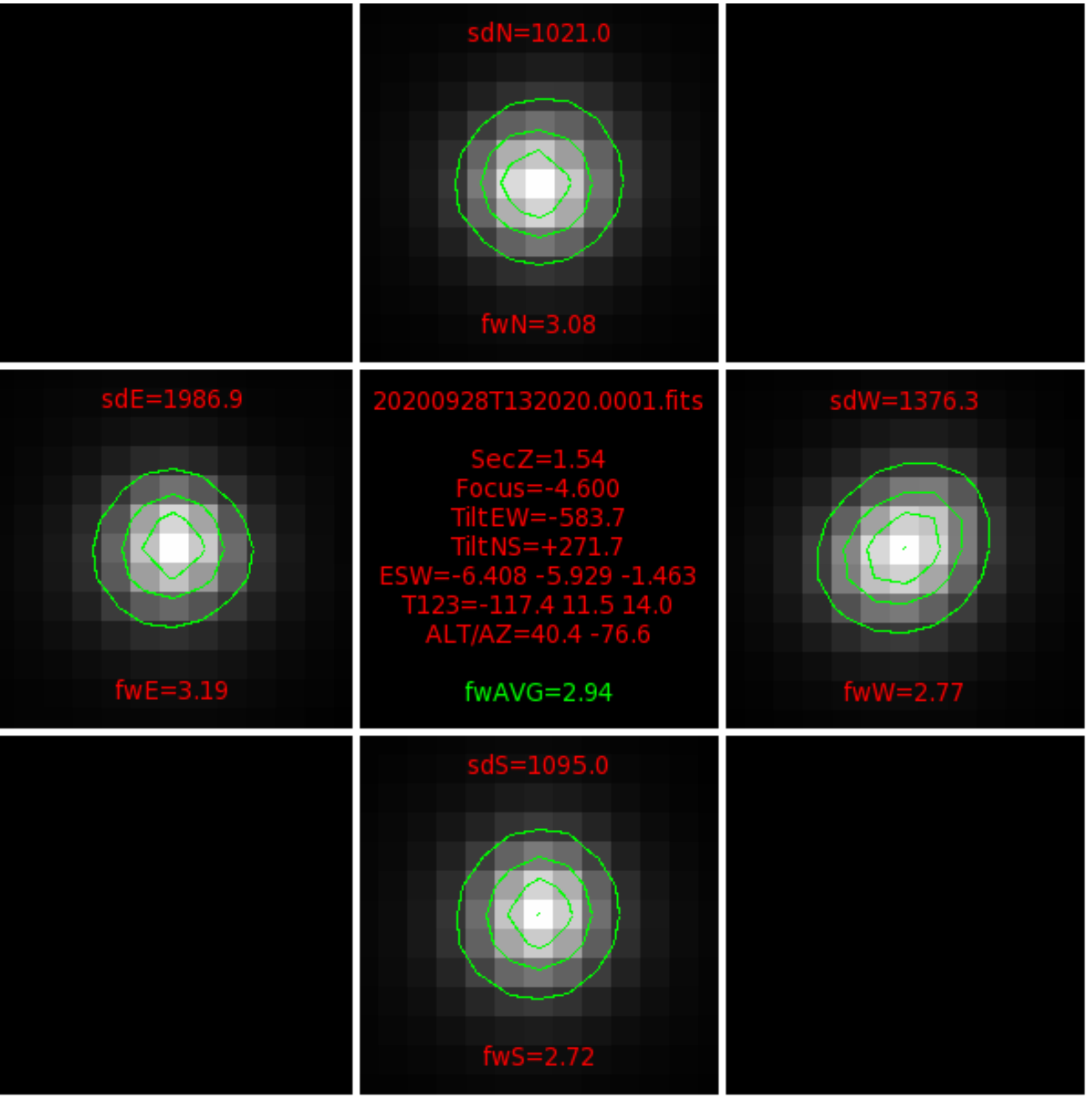
sdN=1021.0
fwN=3.08
sdE=1986.9
fwE=3.19
20200928T132020.0001.fits
SecZ=1.54
Focus=-4.600
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.408 -5.929 -1.463
T123=-117.4 11.5 14.0
ALT/AZ=40.4 -76.6
fwAVG=2.94
sdW=1376.3
fwW=2.77
sdS=1095.0
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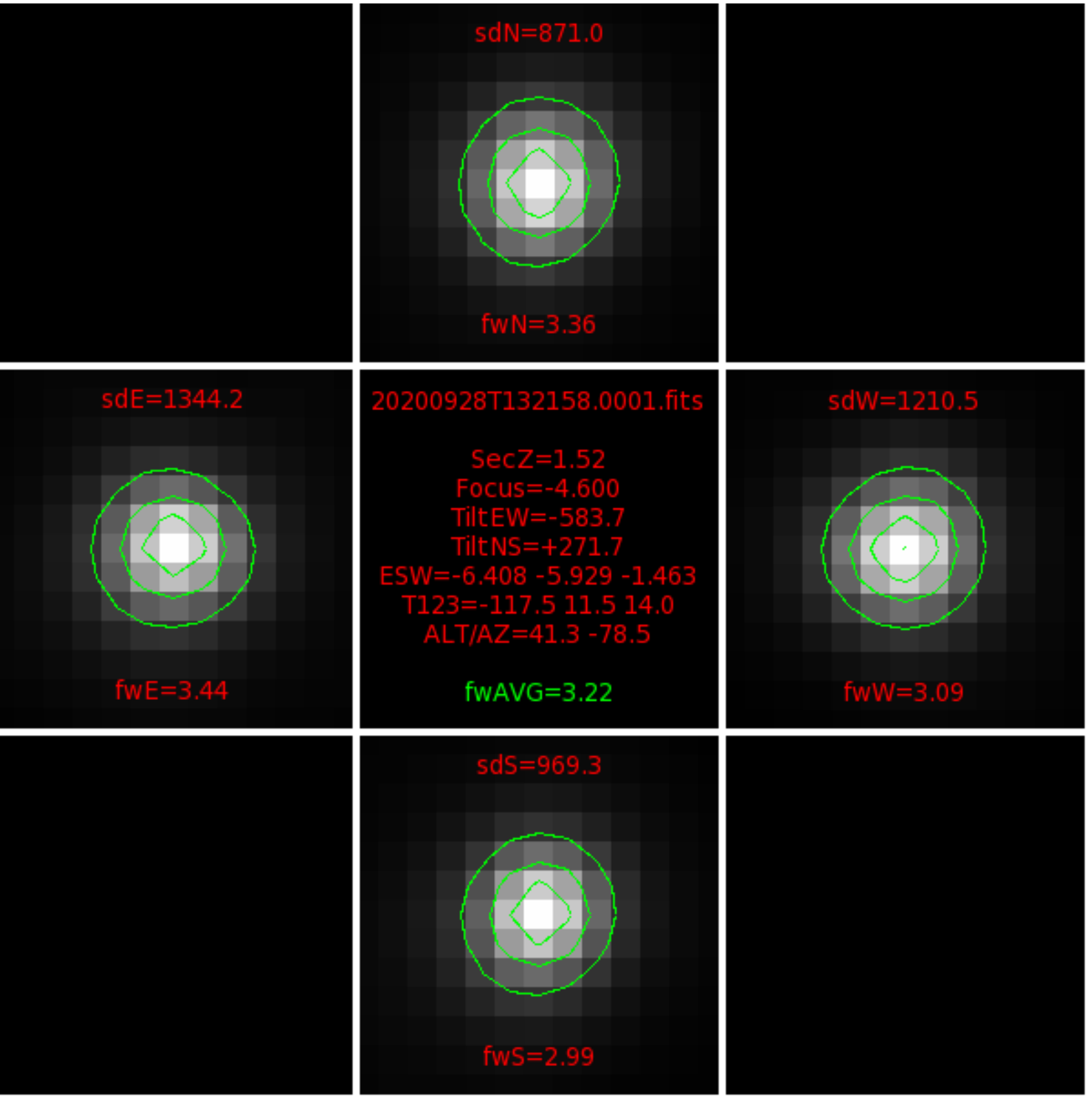
sdN=871.0
fwN=3.36
sdE=1344.2
fwE=3.44
20200928T132158.0001.fits
SecZ=1.52
Focus=-4.600
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.408 -5.929 -1.463
T123=-117.5 11.5 14.0
ALT/AZ=41.3 -78.5
fwAVG=3.22
sdW=1210.5
fwW=3.09
sdS=969.3
fwS=2.99
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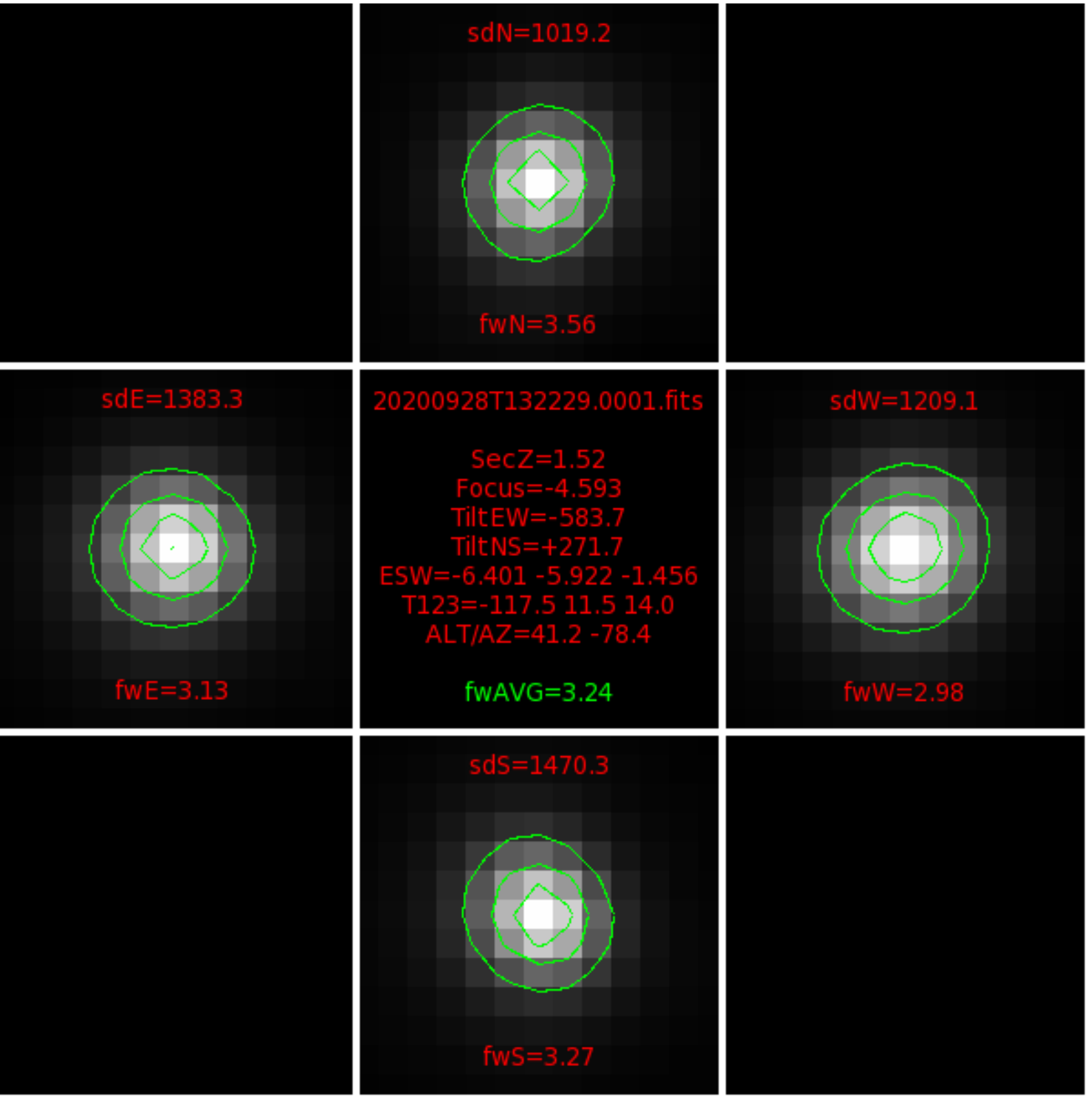
sdN=1019.2
fwN=3.56
sdE=1383.3
fwE=3.13
20200928T132229.0001.fits
SecZ=1.52
Focus=-4.593
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.401 -5.922 -1.456
T123=-117.5 11.5 14.0
ALT/AZ=41.2 -78.4
fwAVG=3.24
sdW=1209.1
fwW=2.98
sdS=1470.3
fwS=3.27
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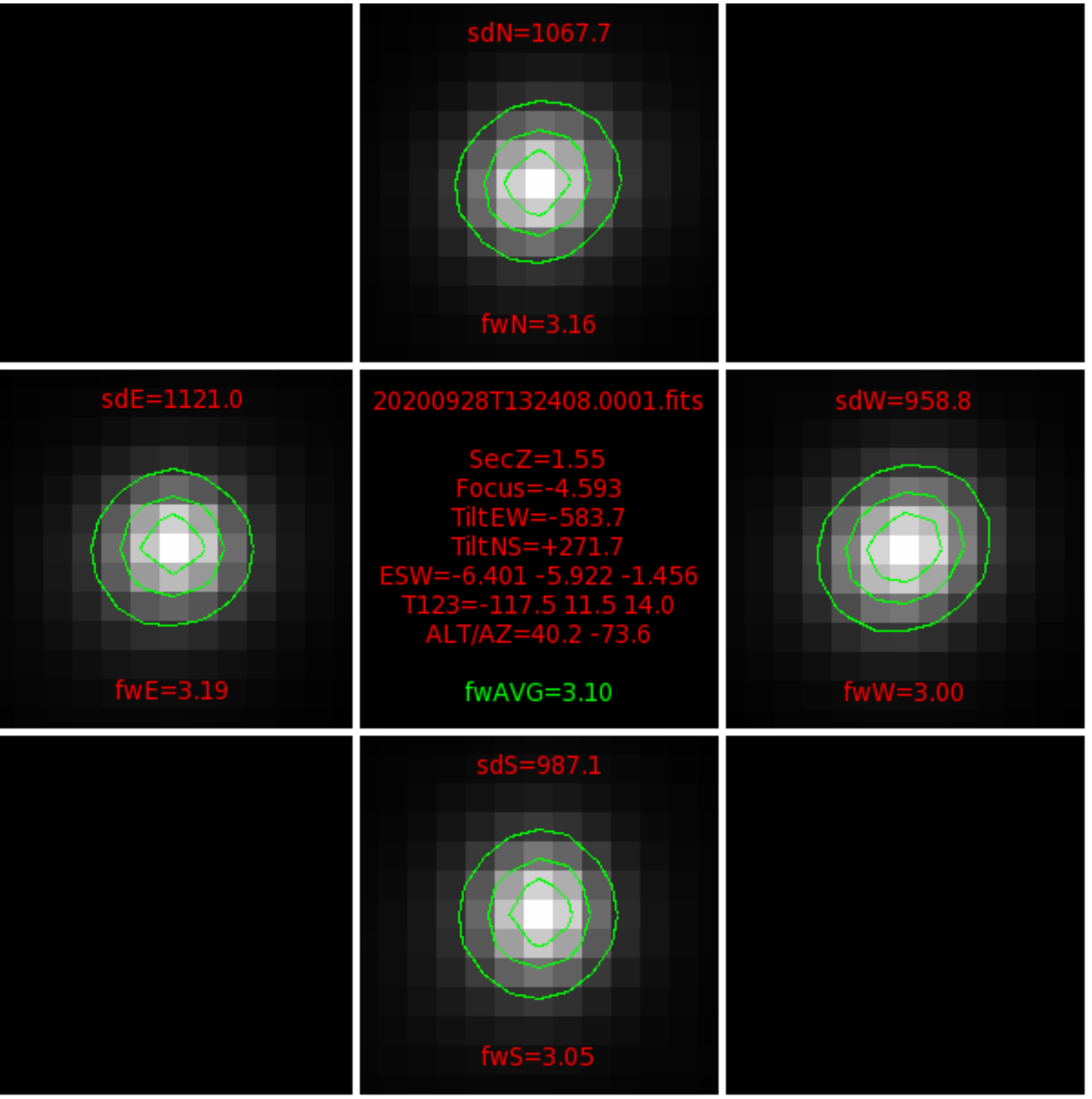
sdN=1067.7
fwN=3.16
sdE=1121.0
fwE=3.19
20200928T132408.0001.fits
SecZ=1.55
Focus=-4.593
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.401 -5.922 -1.456
T123=-117.5 11.5 14.0
ALT/AZ=40.2 -73.6
fwAVG=3.10
sdW=958.8
fwW=3.00
sdS=987.1
fwS=3.05
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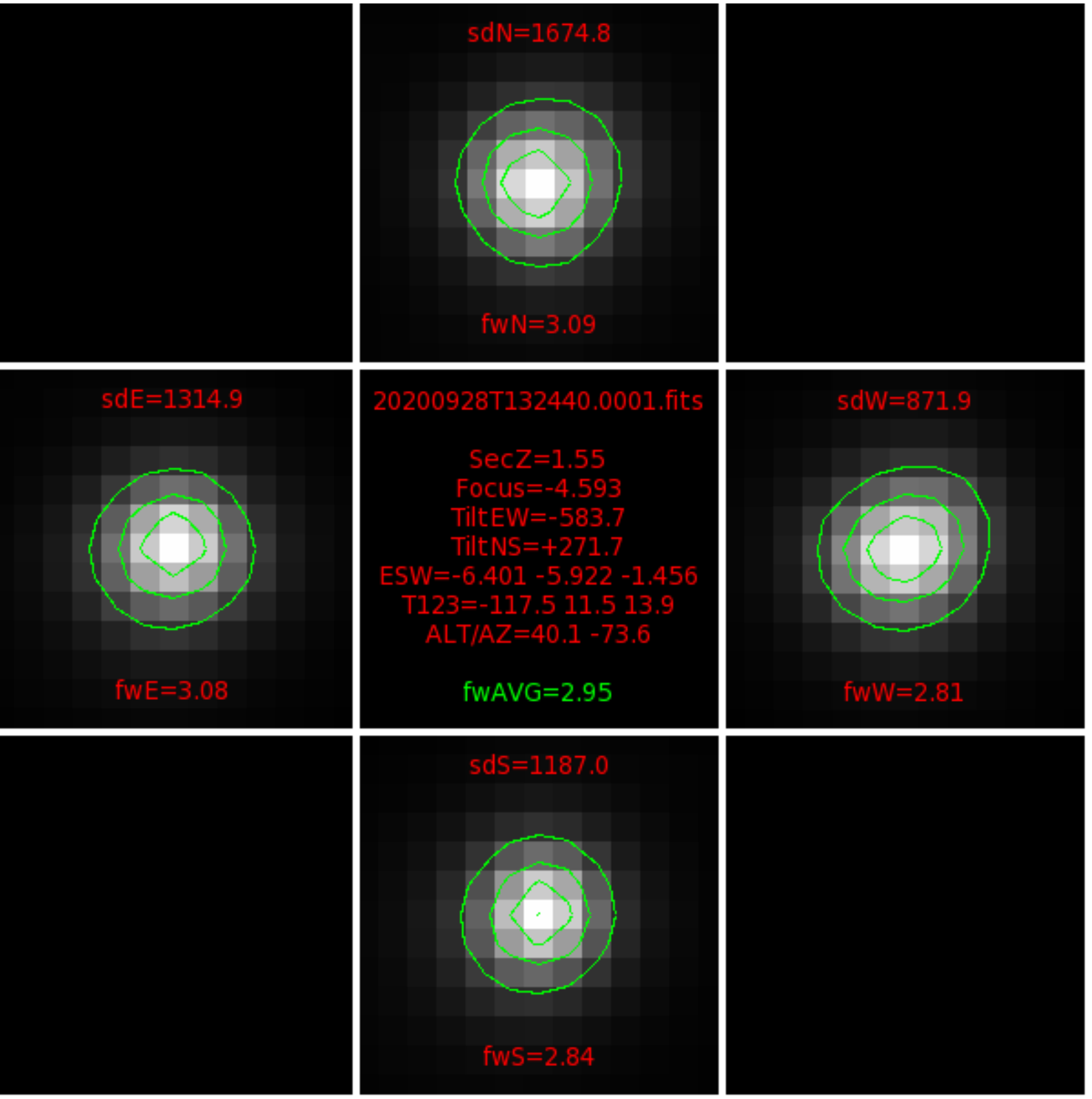
sdN=1674.8
fwN=3.09
sdE=1314.9
fwE=3.08
20200928T132440.0001.fits
SecZ=1.55
Focus=-4.593
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.401 -5.922 -1.456
T123=-117.5 11.5 13.9
ALT/AZ=40.1 -73.6
fwAVG=2.95
sdW=871.9
fwW=2.81
sdS=1187.0
fwS=2.84
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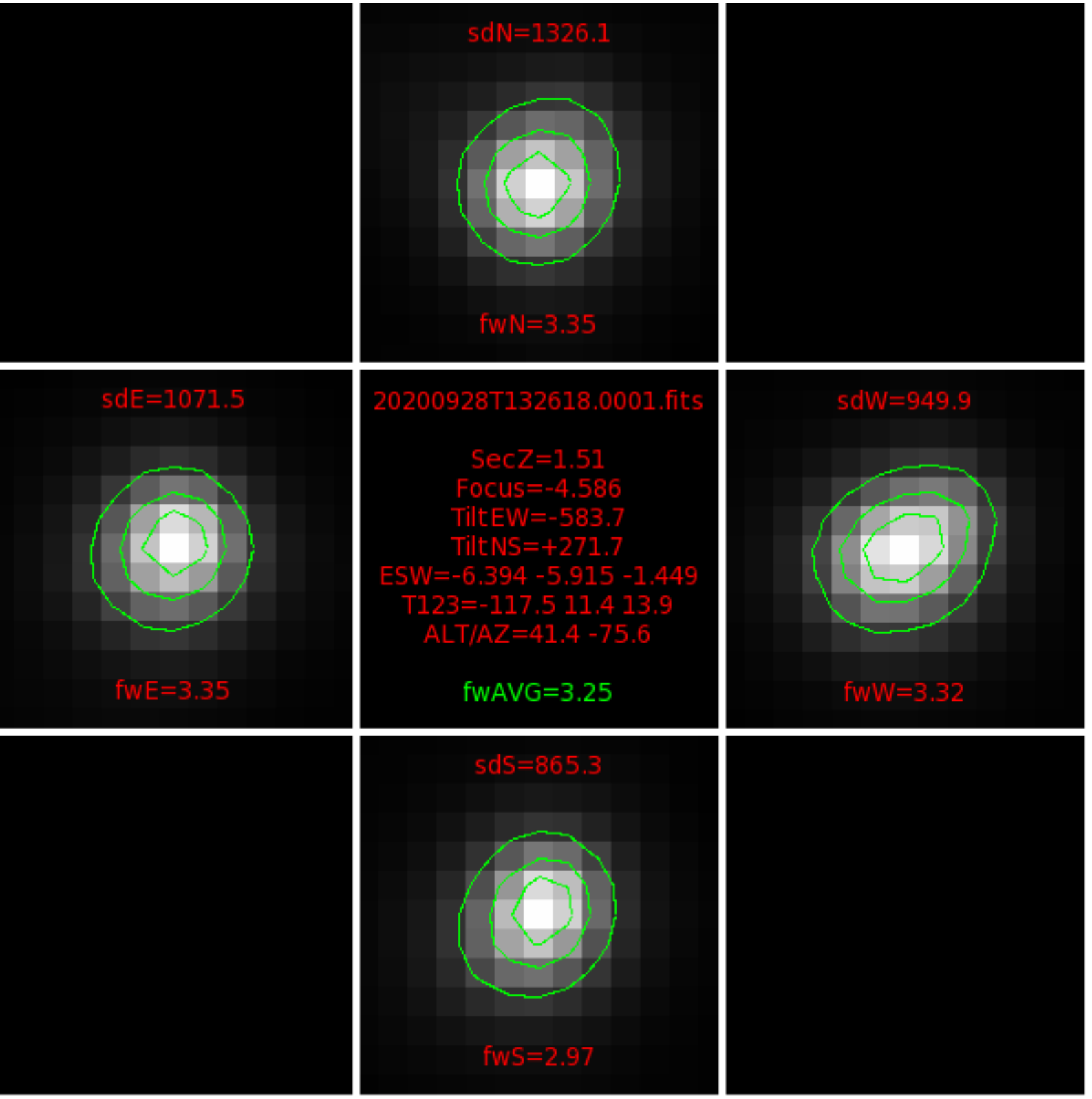
sdN=1326.1
fwN=3.35
sdE=1071.5
fwE=3.35
20200928T132618.0001.fits
SecZ=1.51
Focus=-4.586
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.394 -5.915 -1.449
T123=-117.5 11.4 13.9
ALT/AZ=41.4 -75.6
fwAVG=3.25
sdW=949.9
fwW=3.32
sdS=865.3
fwS=2.97
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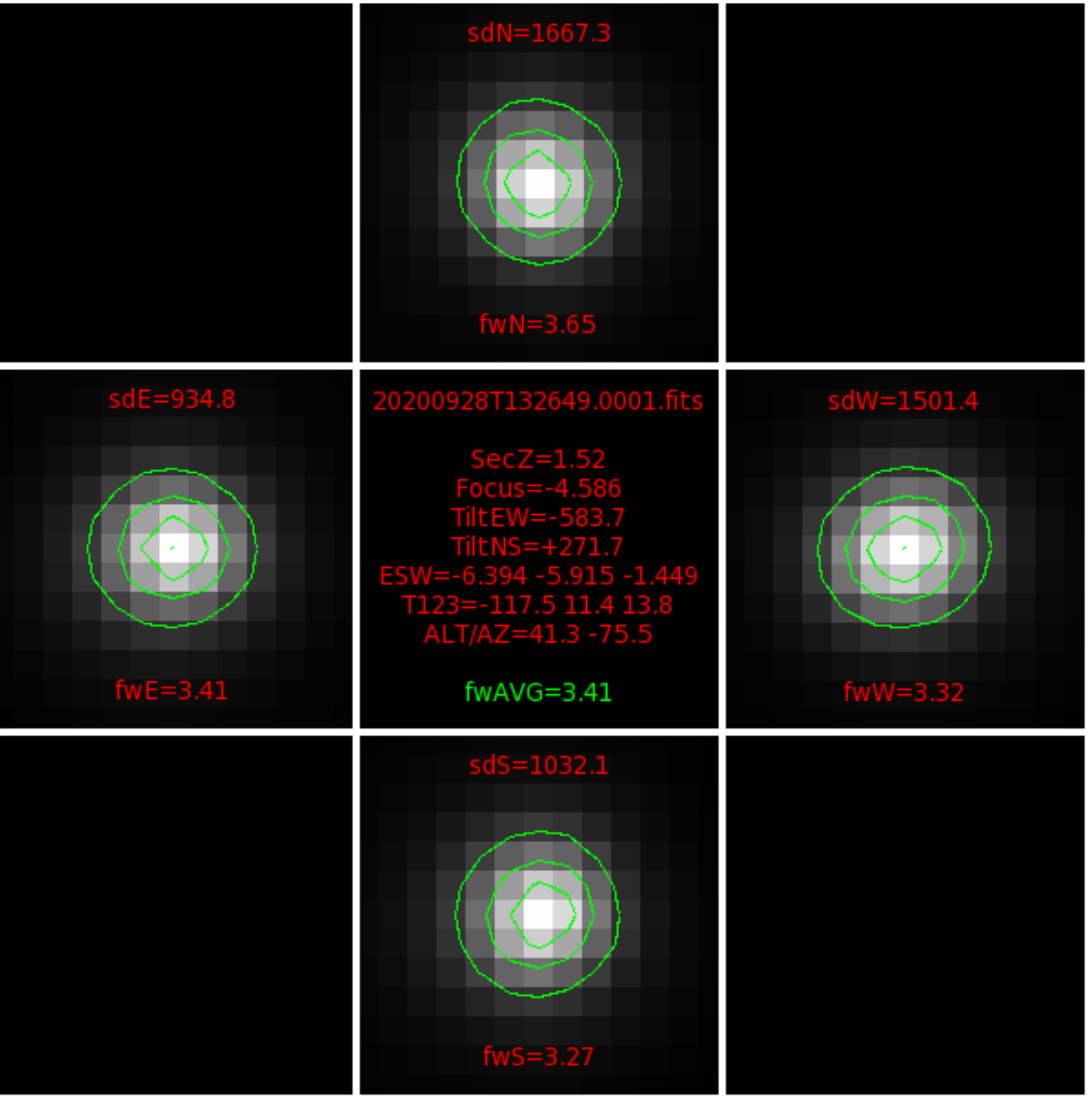
sdN=1667.3
fwN=3.65
sdE=934.8
fwE=3.41
20200928T132649.0001.fits
SecZ=1.52
Focus=-4.586
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.394 -5.915 -1.449
T123=-117.5 11.4 13.8
ALT/AZ=41.3 -75.5
fwAVG=3.41
sdW=1501.4
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sdS=1032.1
fwS=3.27
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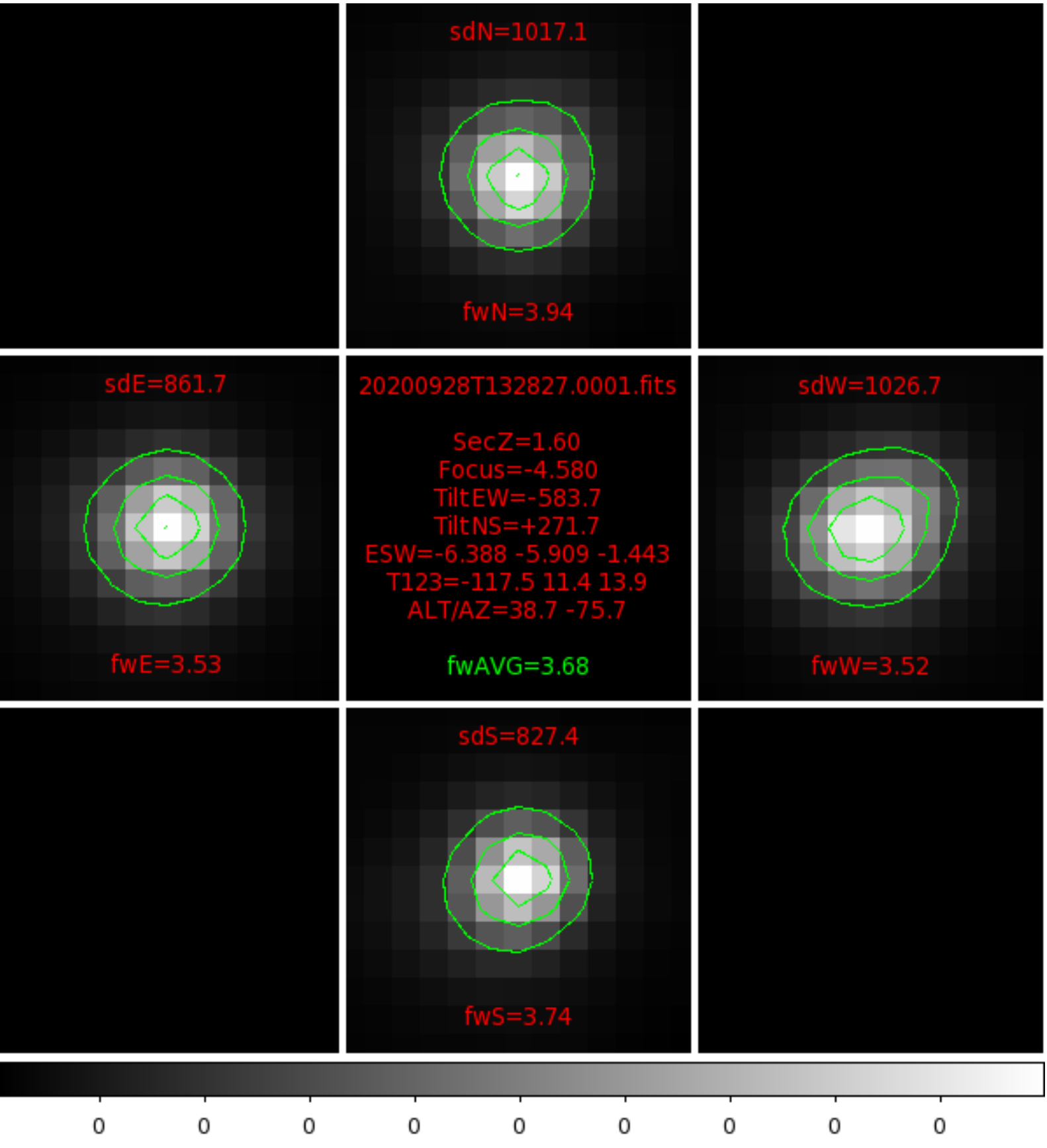
sdN=1017.1
fwN=3.94
sdE=861.7
fwE=3.53
20200928T132827.0001.fits
SecZ=1.60
Focus=-4.580
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.388 -5.909 -1.443
T123=-117.5 11.4 13.9
ALT/AZ=38.7 -75.7
fwAVG=3.68
sdW=1026.7
fwW=3.52
sdS=827.4
fwS=3.74
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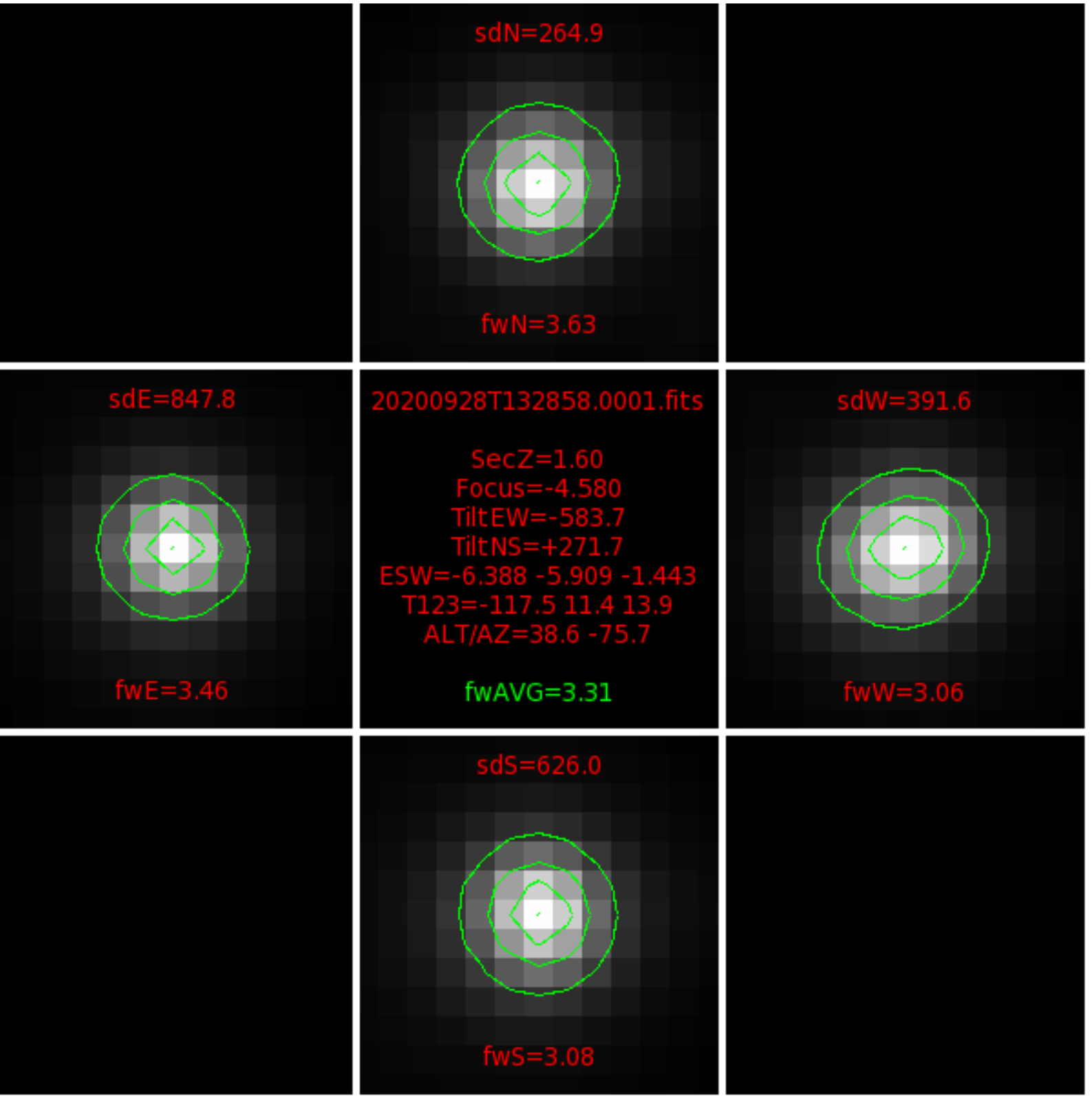
sdN=264.9
fwN=3.63
sdE=847.8
fwE=3.46
20200928T132858.0001.fits
SecZ=1.60
Focus=-4.580
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.388 -5.909 -1.443
T123=-117.5 11.4 13.9
ALT/AZ=38.6 -75.7
fwAVG=3.31
sdW=391.6
fwW=3.06
sdS=626.0
fwS=3.08
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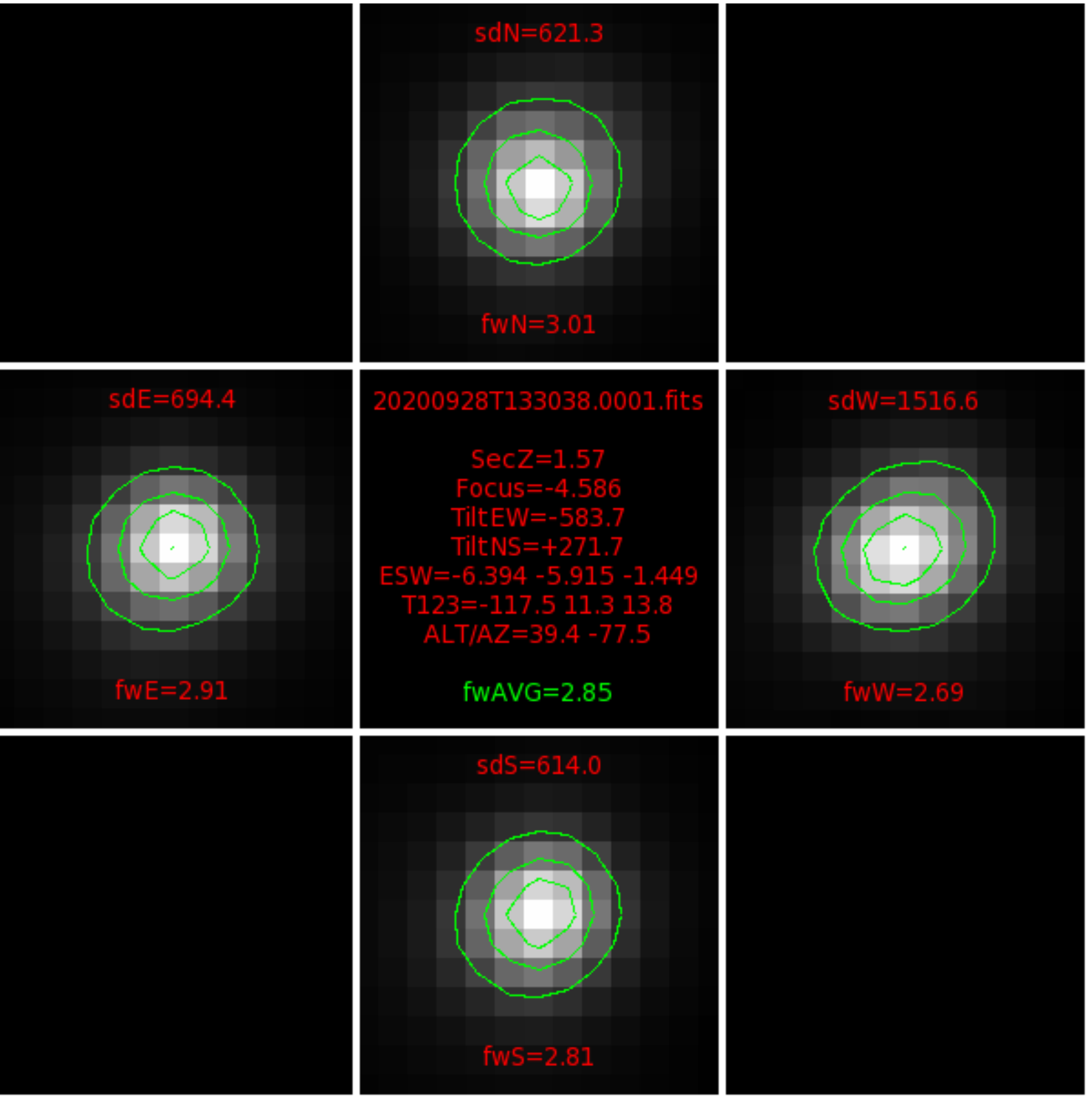
sdN=621.3
fwN=3.01
sdE=694.4
fwE=2.91
20200928T133038.0001.fits
SecZ=1.57
Focus=-4.586
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.394 -5.915 -1.449
T123=-117.5 11.3 13.8
ALT/AZ=39.4 -77.5
fwAVG=2.85
sdW=1516.6
fwW=2.69
sdS=614.0
fwS=2.81
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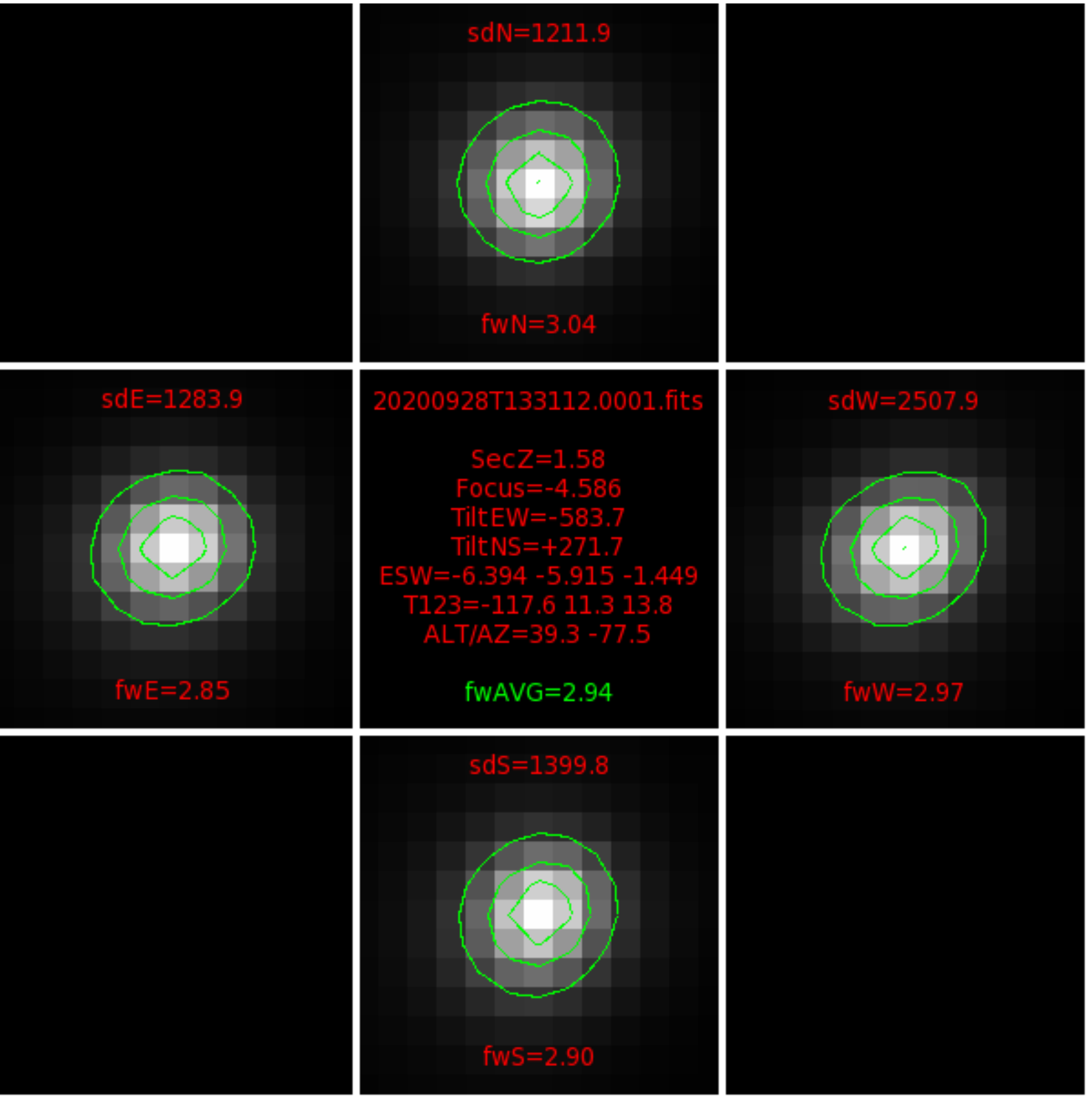
sdN=1211.9
fwN=3.04
sdE=1283.9
fwE=2.85
20200928T133112.0001.fits
SecZ=1.58
Focus=-4.586
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.394 -5.915 -1.449
T123=-117.6 11.3 13.8
ALT/AZ=39.3 -77.5
fwAVG=2.94
sdW=2507.9
fwW=2.97
sdS=1399.8
fwS=2.90
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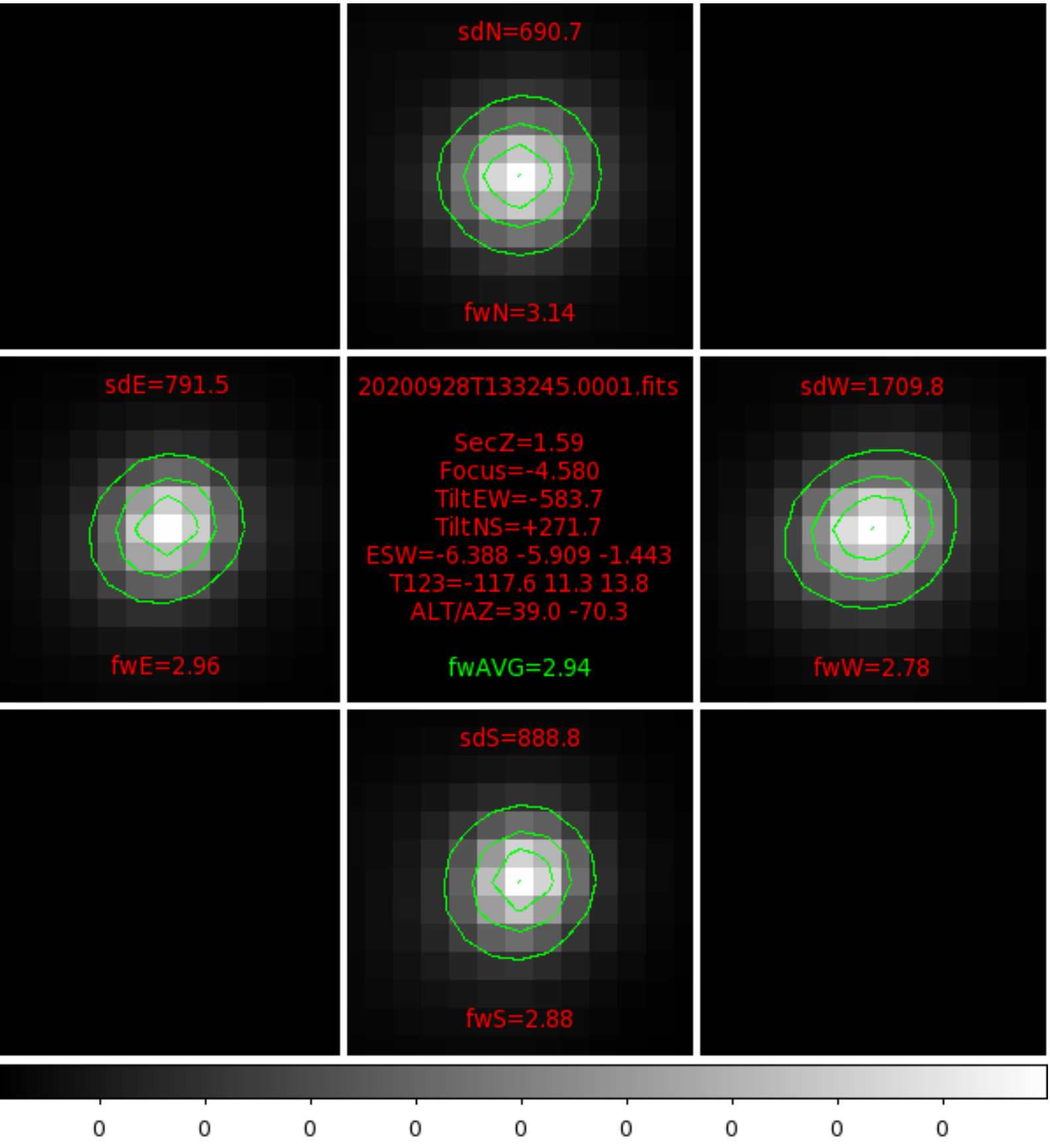
sdN=690.7
fwN=3.14
sdE=791.5
fwE=2.96
20200928T133245.0001.fits
SecZ=1.59
Focus=-4.580
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.388 -5.909 -1.443
T123=-117.6 11.3 13.8
ALT/AZ=39.0 -70.3
fwAVG=2.94
sdW=1709.8
fwW=2.78
sdS=888.8
fwS=2.88
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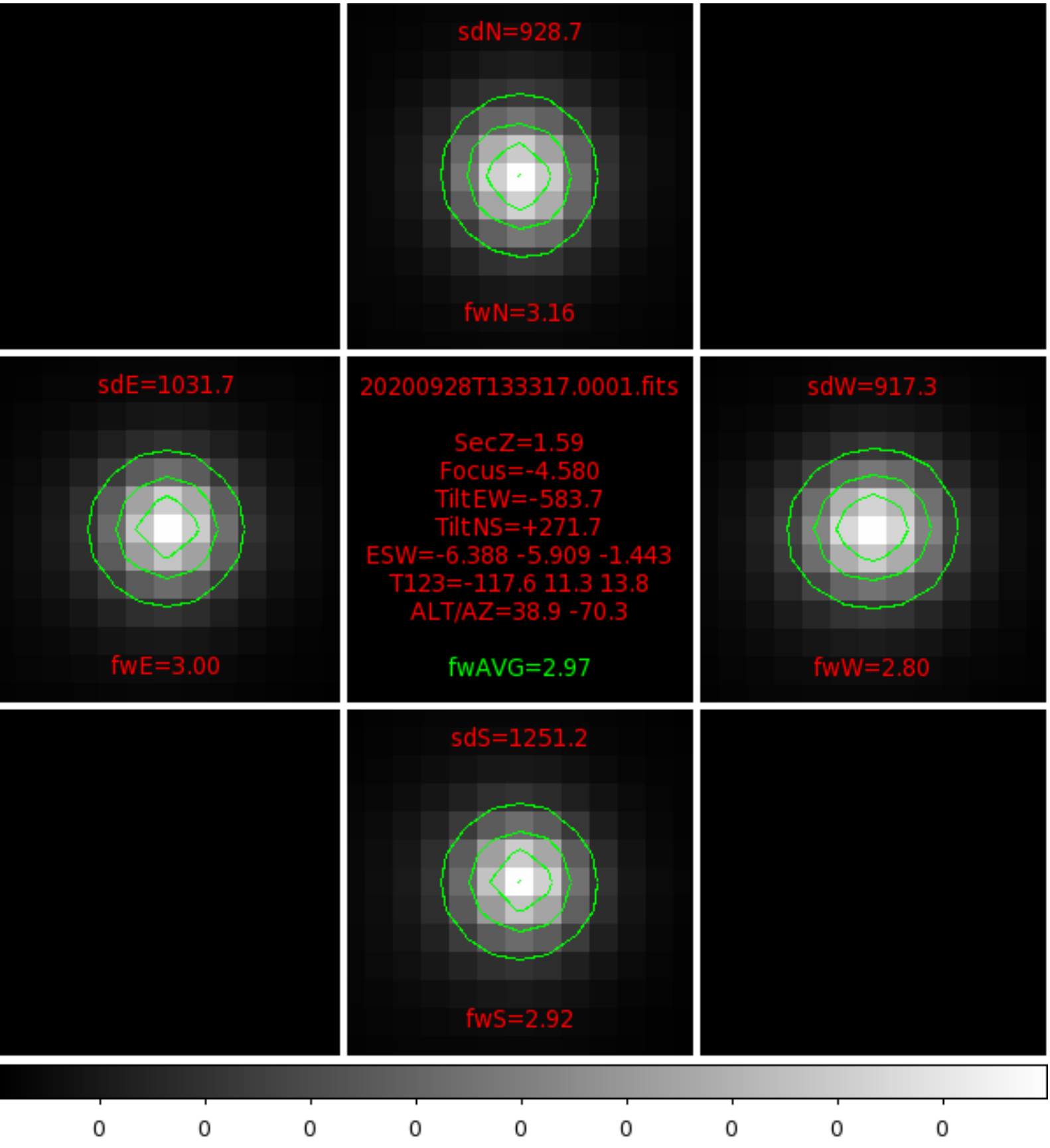
sdN=928.7
fwN=3.16
sdE=1031.7
fwE=3.00
20200928T133317.0001.fits
SecZ=1.59
Focus=-4.580
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.388 -5.909 -1.443
T123=-117.6 11.3 13.8
ALT/AZ=38.9 -70.3
fwAVG=2.97
sdW=917.3
fwW=2.80
sdS=1251.2
fwS=2.92
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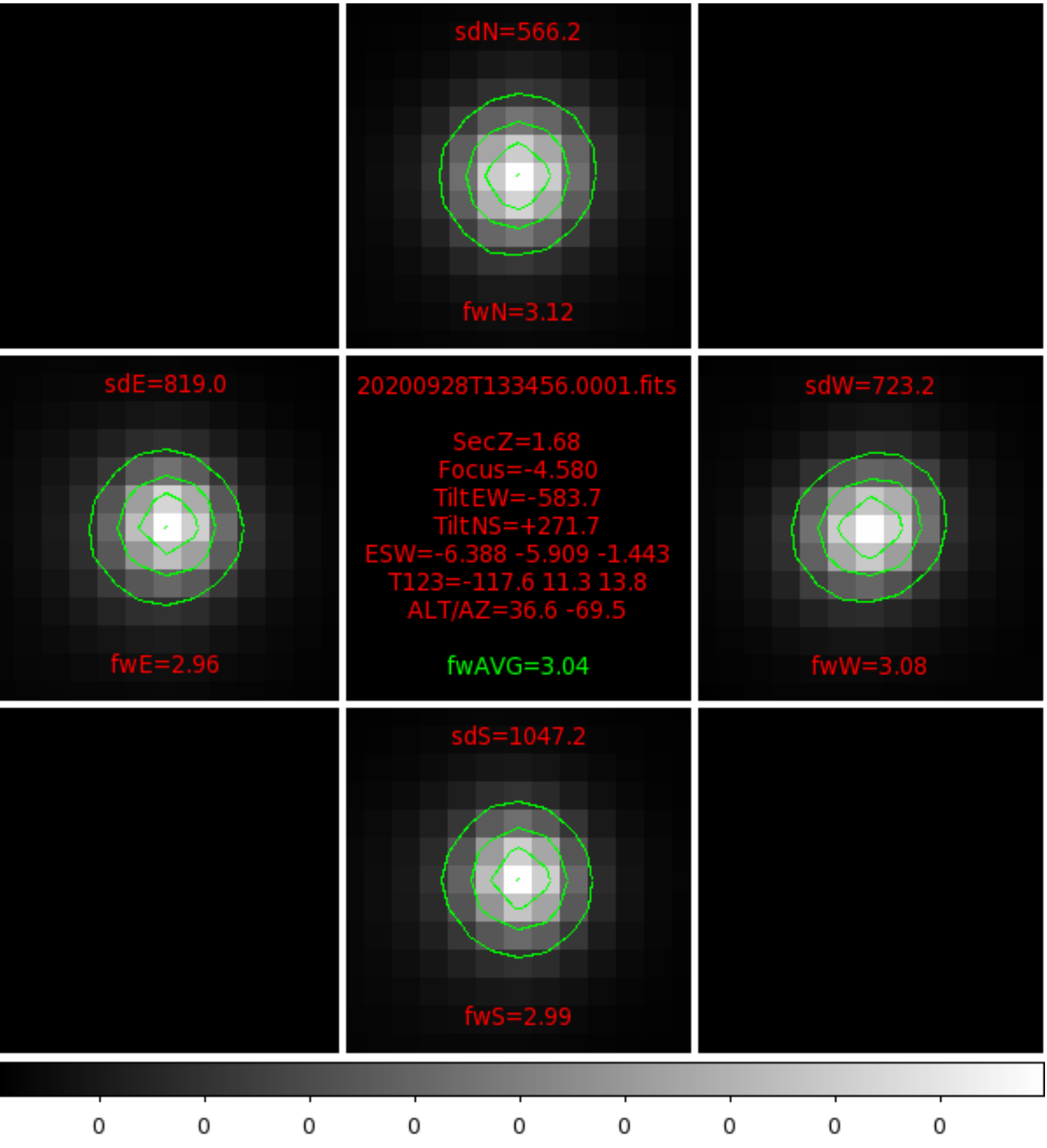
sdN=566.2
fwN=3.12
sdE=819.0
fwE=2.96
20200928T133456.0001.fits
SecZ=1.68
Focus=-4.580
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.388 -5.909 -1.443
T123=-117.6 11.3 13.8
ALT/AZ=36.6 -69.5
fwAVG=3.04
sdW=723.2
fwW=3.08
sdS=1047.2
fwS=2.99
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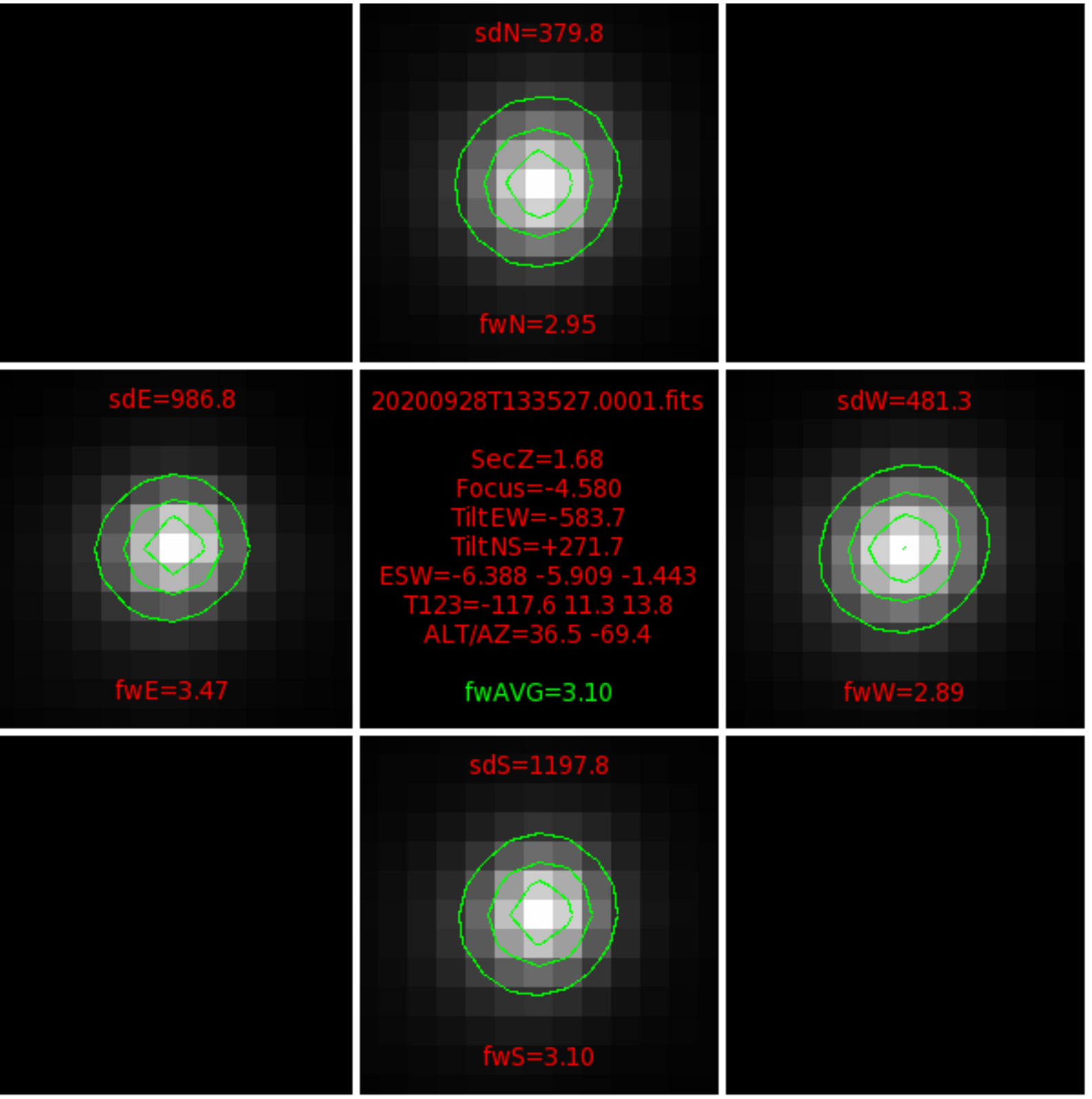
sdN=379.8
fwN=2.95
sdE=986.8
fwE=3.47
20200928T133527.0001.fits
SecZ=1.68
Focus=-4.580
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.388 -5.909 -1.443
T123=-117.6 11.3 13.8
ALT/AZ=36.5 -69.4
fwAVG=3.10
sdW=481.3
fwW=2.89
sdS=1197.8
fwS=3.10
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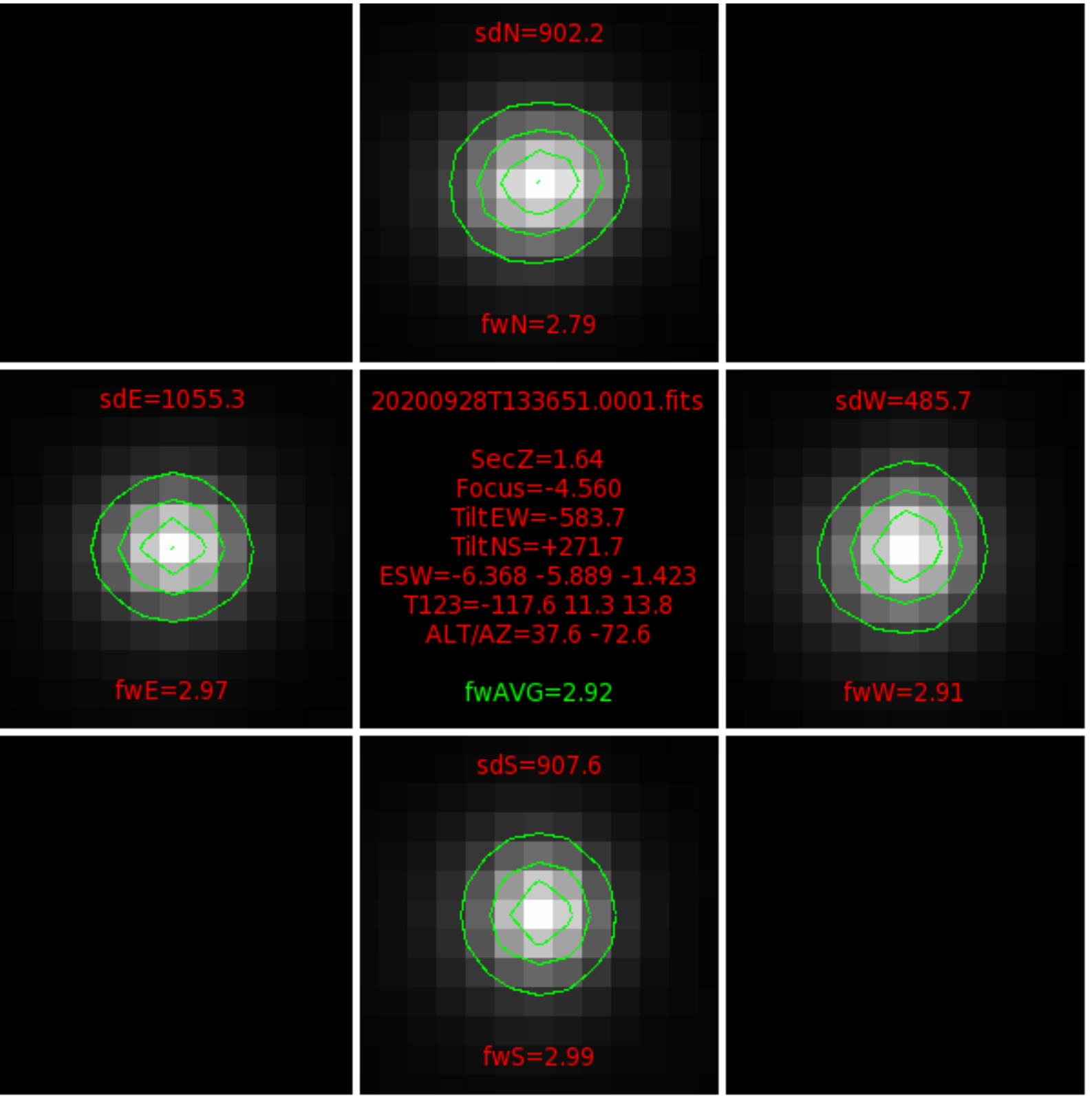
sdN=902.2
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sdE=1055.3
fwE=2.97
20200928T133651.0001.fits
SecZ=1.64
Focus=-4.560
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.368 -5.889 -1.423
T123=-117.6 11.3 13.8
ALT/AZ=37.6 -72.6
fwAVG=2.92
sdW=485.7
fwW=2.91
sdS=907.6
fwS=2.99
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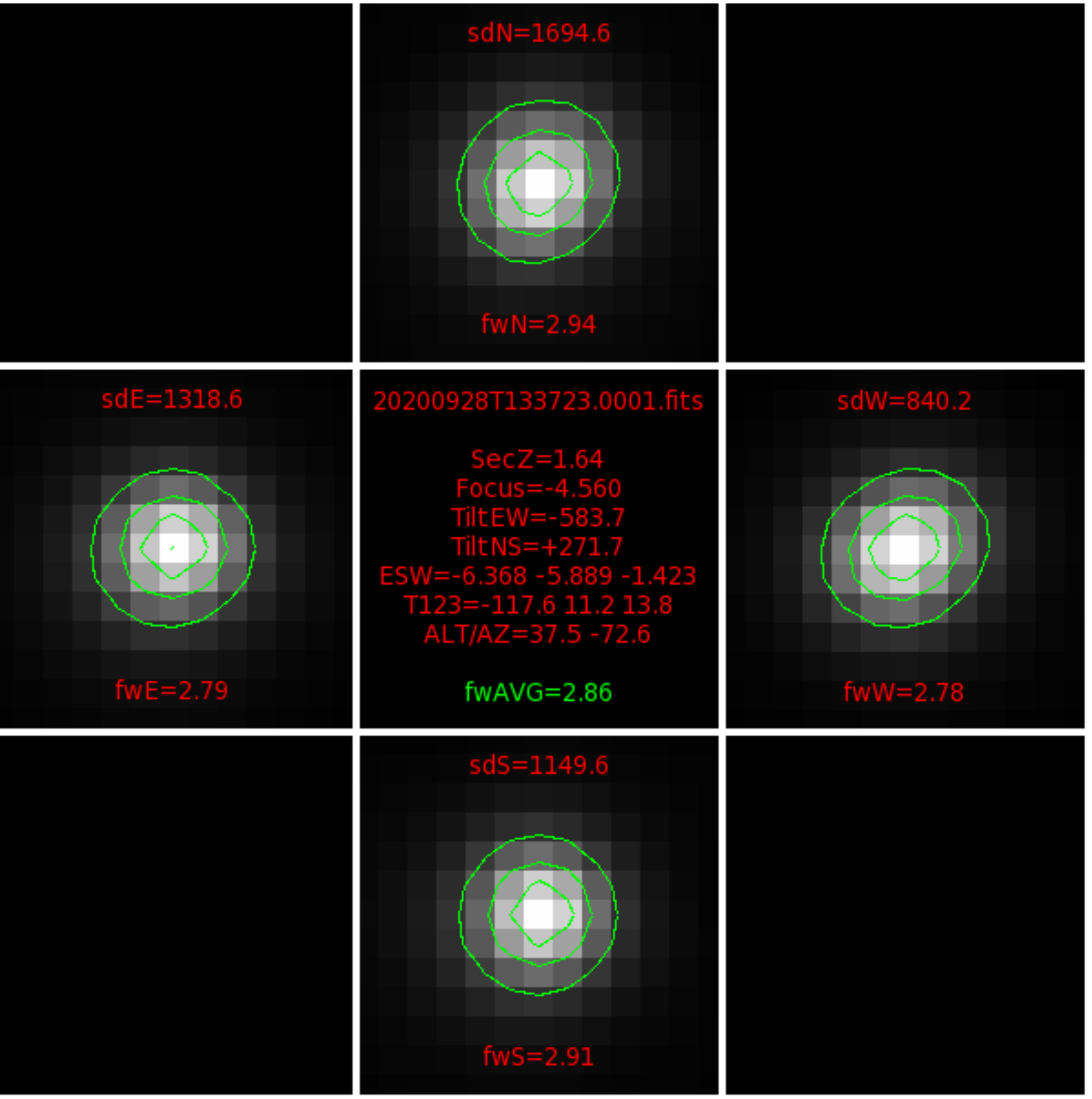
sdN=1694.6
fwN=2.94
sdE=1318.6
fwE=2.79
20200928T133723.0001.fits
SecZ=1.64
Focus=-4.560
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.368 -5.889 -1.423
T123=-117.6 11.2 13.8
ALT/AZ=37.5 -72.6
fwAVG=2.86
sdW=840.2
fwW=2.78
sdS=1149.6
fwS=2.91
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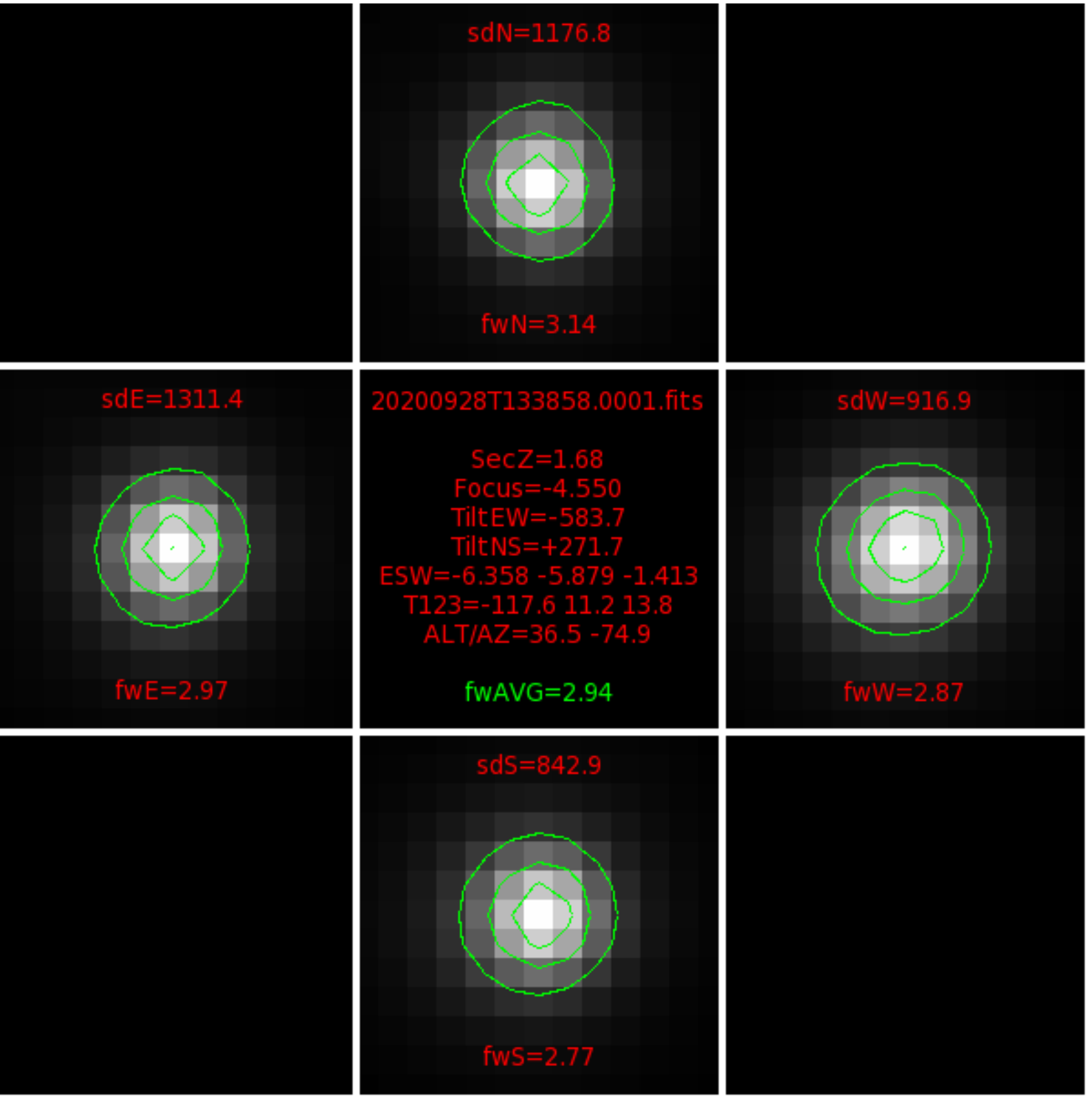
sdN=1176.8
fwN=3.14
sdE=1311.4
fwE=2.97
20200928T133858.0001.fits
SecZ=1.68
Focus=-4.550
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.358 -5.879 -1.413
T123=-117.6 11.2 13.8
ALT/AZ=36.5 -74.9
fwAVG=2.94
sdW=916.9
fwW=2.87
sdS=842.9
fwS=2.77
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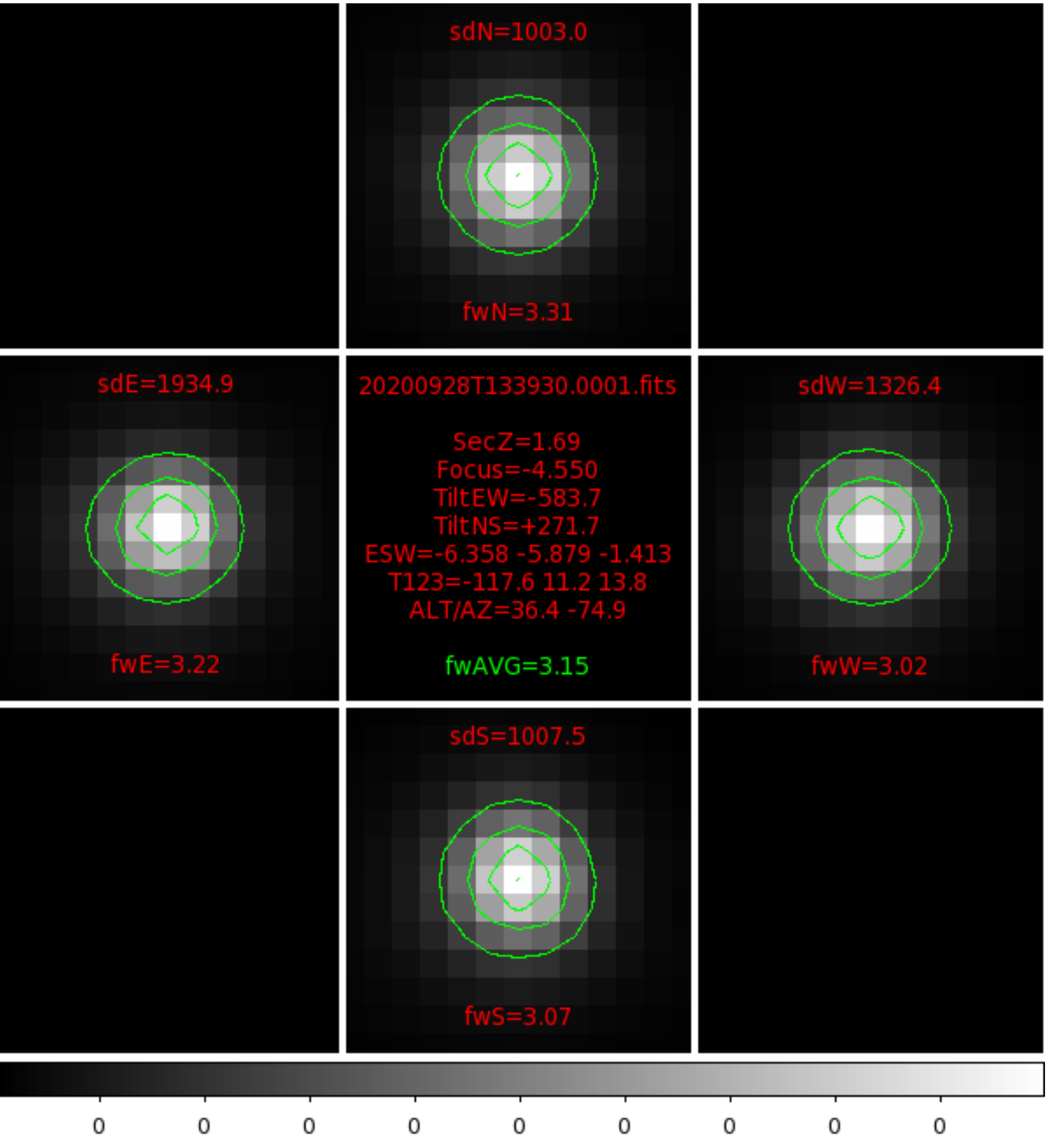
sdN=1003.0
fwN=3.31
sdE=1934.9
fwE=3.22
20200928T133930.0001.fits
SecZ=1.69
Focus=-4.550
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.358 -5.879 -1.413
T123=-117.6 11.2 13.8
ALT/AZ=36.4 -74.9
fwAVG=3.15
sdW=1326.4
fwW=3.02
sdS=1007.5
fwS=3.07
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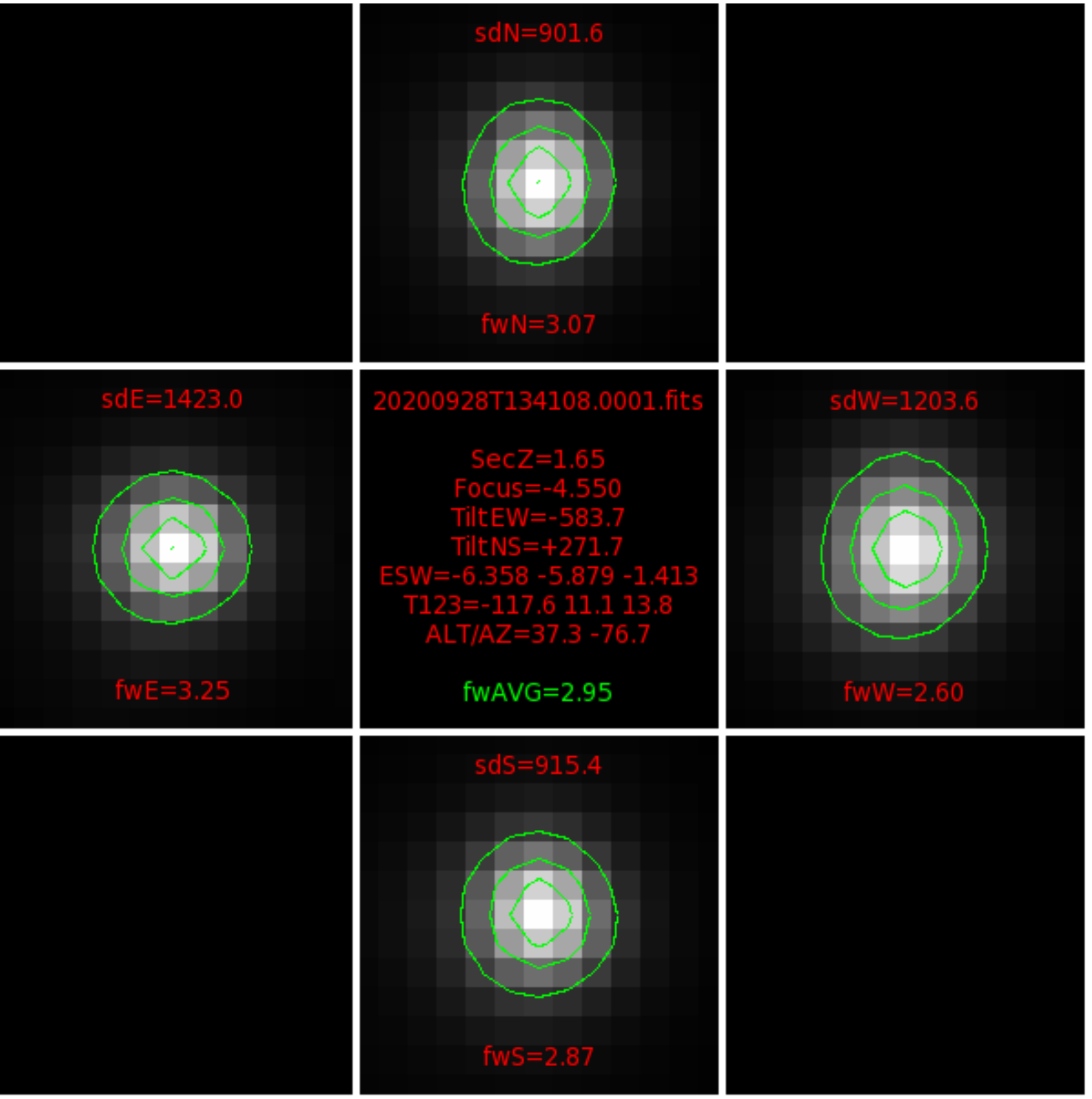
sdN=901.6
fwN=3.07
sdE=1423.0
fwE=3.25
20200928T134108.0001.fits
SecZ=1.65
Focus=-4.550
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.358 -5.879 -1.413
T123=-117.6 11.1 13.8
ALT/AZ=37.3 -76.7
fwAVG=2.95
sdW=1203.6
fwW=2.60
sdS=915.4
fwS=2.87
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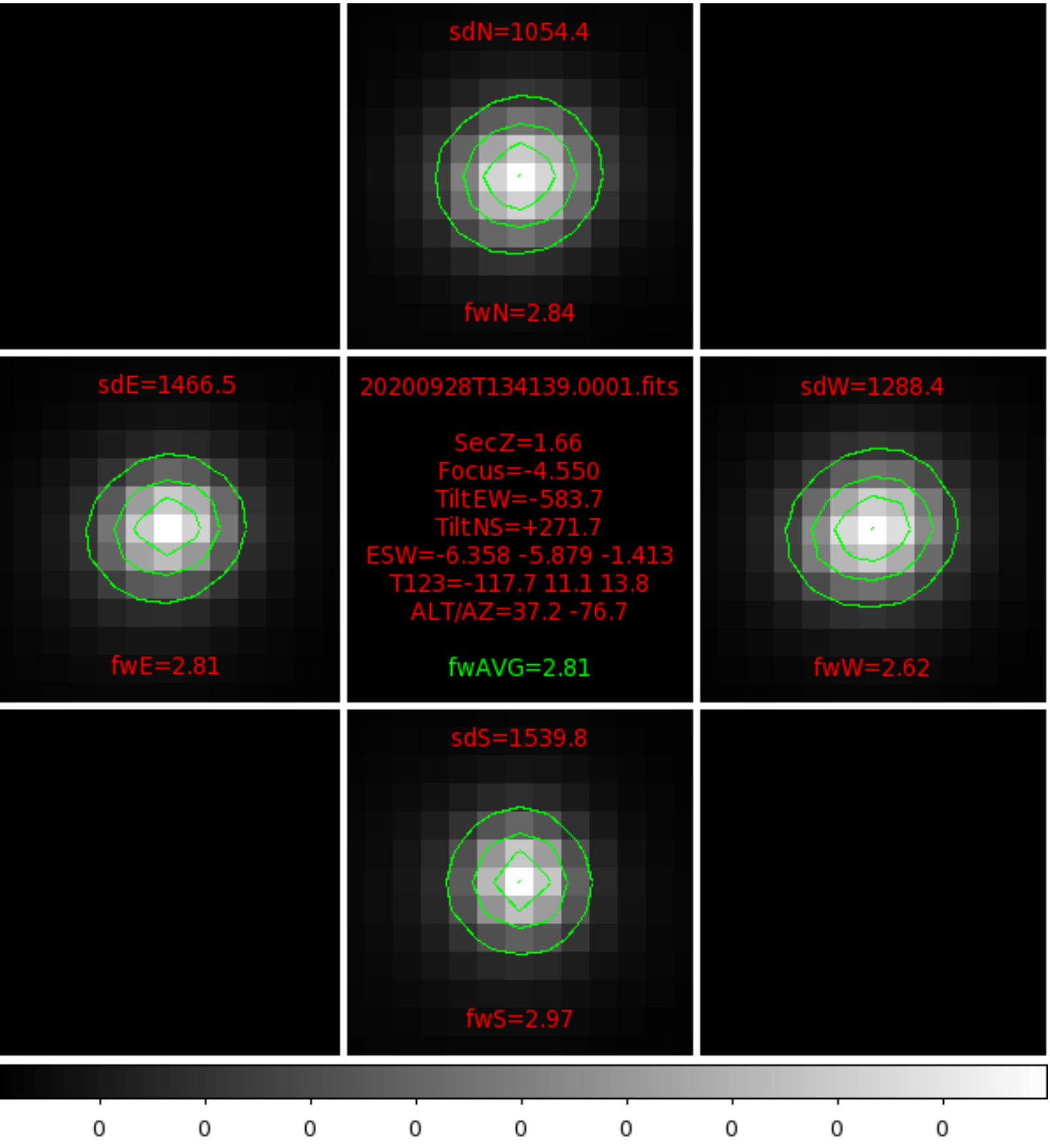
sdN=1054.4
fwN=2.84
sdE=1466.5
fwE=2.81
20200928T134139.0001.fits
SecZ=1.66
Focus=-4.550
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.358 -5.879 -1.413
T123=-117.7 11.1 13.8
ALT/AZ=37.2 -76.7
fwAVG=2.81
sdW=1288.4
fwW=2.62
sdS=1539.8
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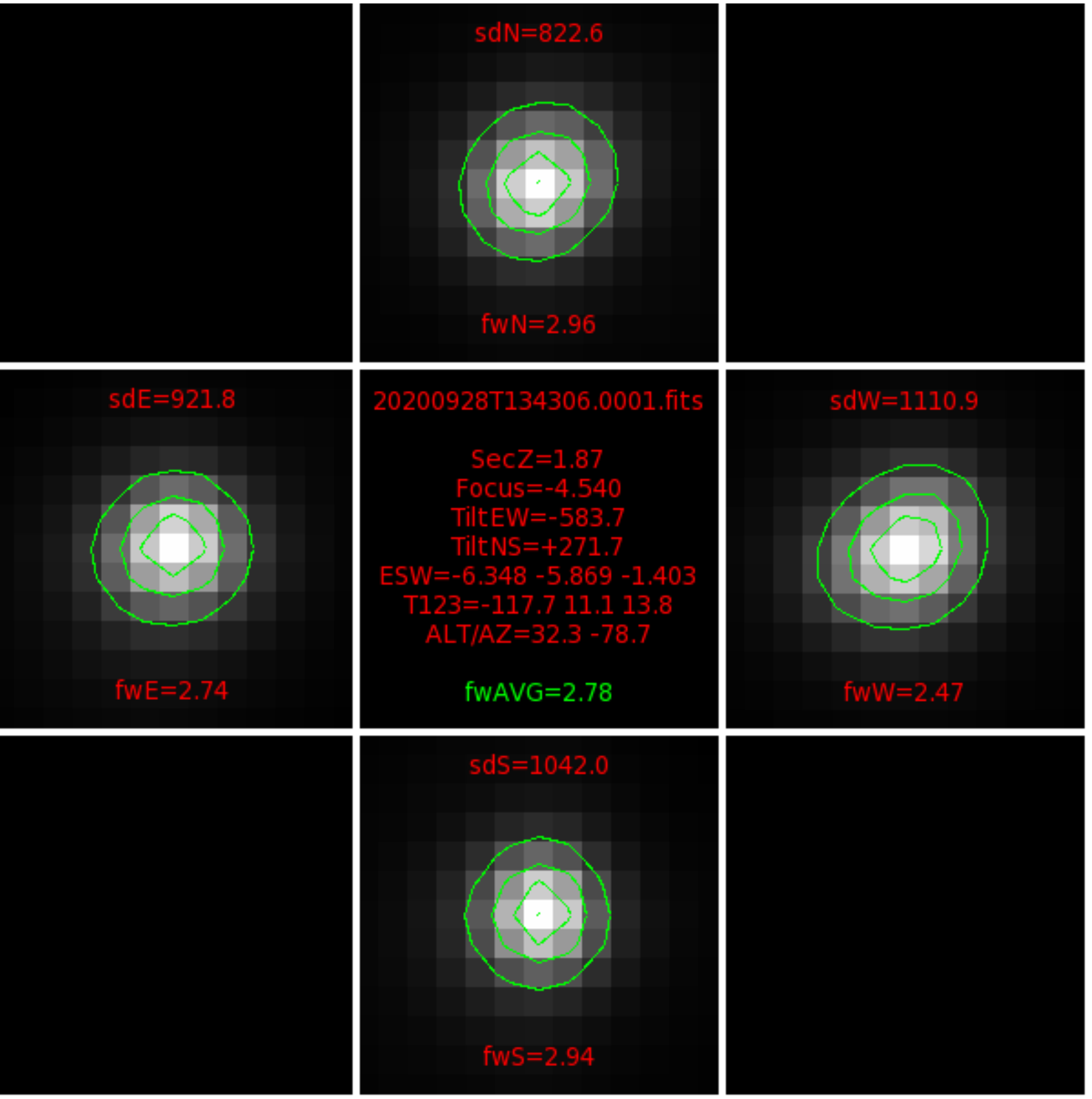
sdN=822.6
fwN=2.96
sdE=921.8
fwE=2.74
20200928T134306.0001.fits
SecZ=1.87
Focus=-4.540
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.348 -5.869 -1.403
T123=-117.7 11.1 13.8
ALT/AZ=32.3 -78.7
fwAVG=2.78
sdW=1110.9
fwW=2.47
sdS=1042.0
fwS=2.94
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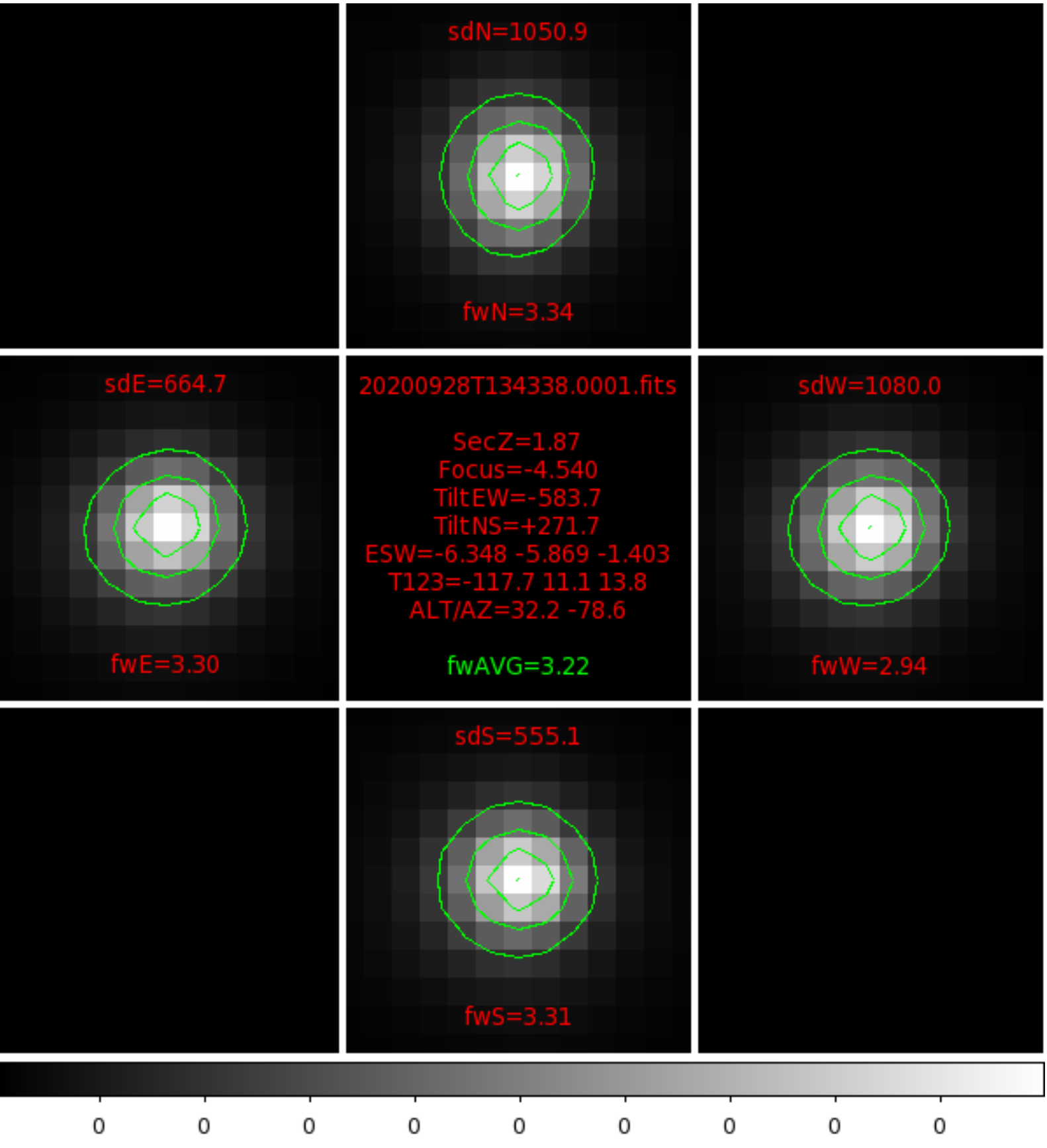
sdN=1050.9
fwN=3.34
sdE=664.7
fwE=3.30
20200928T134338.0001.fits
SecZ=1.87
Focus=-4.540
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.348 -5.869 -1.403
T123=-117.7 11.1 13.8
ALT/AZ=32.2 -78.6
fwAVG=3.22
sdW=1080.0
fwW=2.94
sdS=555.1
fwS=3.31
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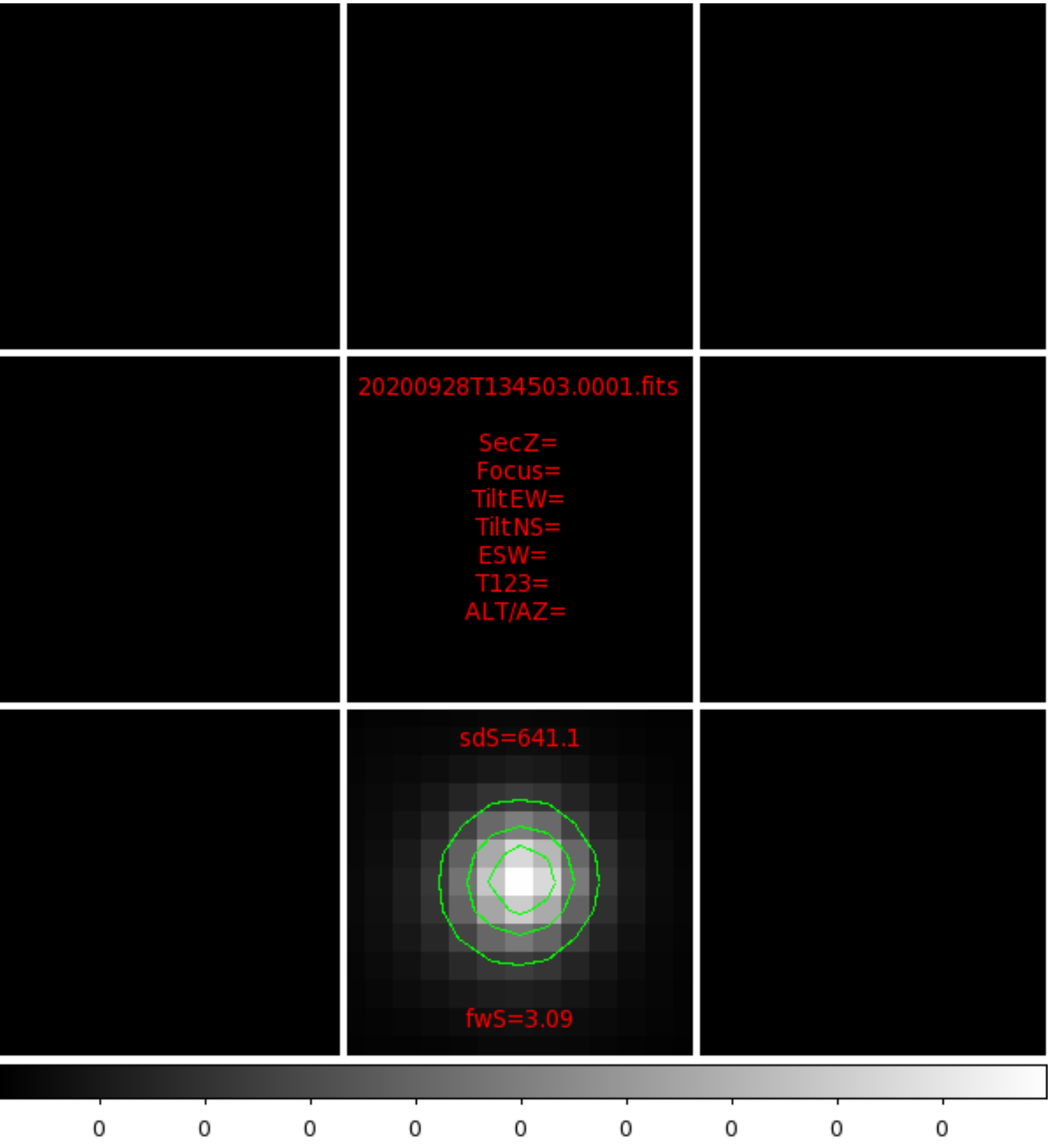
20200928T134503.0001.fits
SecZ=
Focus=
TiltEW=
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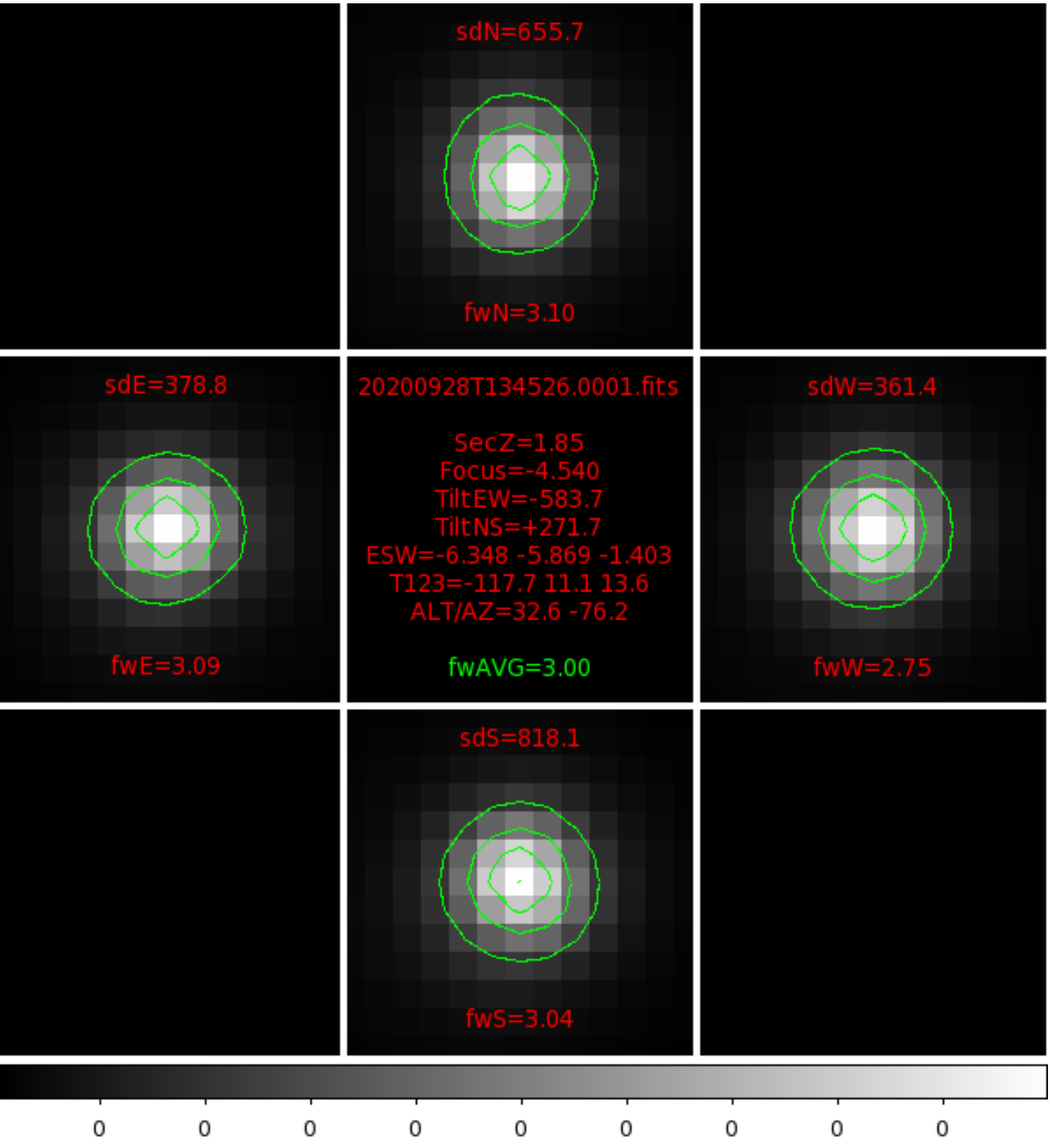
sdN=655.7
fwN=3.10
sdE=378.8
fwE=3.09
20200928T134526.0001.fits
SecZ=1.85
Focus=-4.540
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.348 -5.869 -1.403
T123=-117.7 11.1 13.6
ALT/AZ=32.6 -76.2
fwAVG=3.00
sdW=361.4
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sdS=818.1
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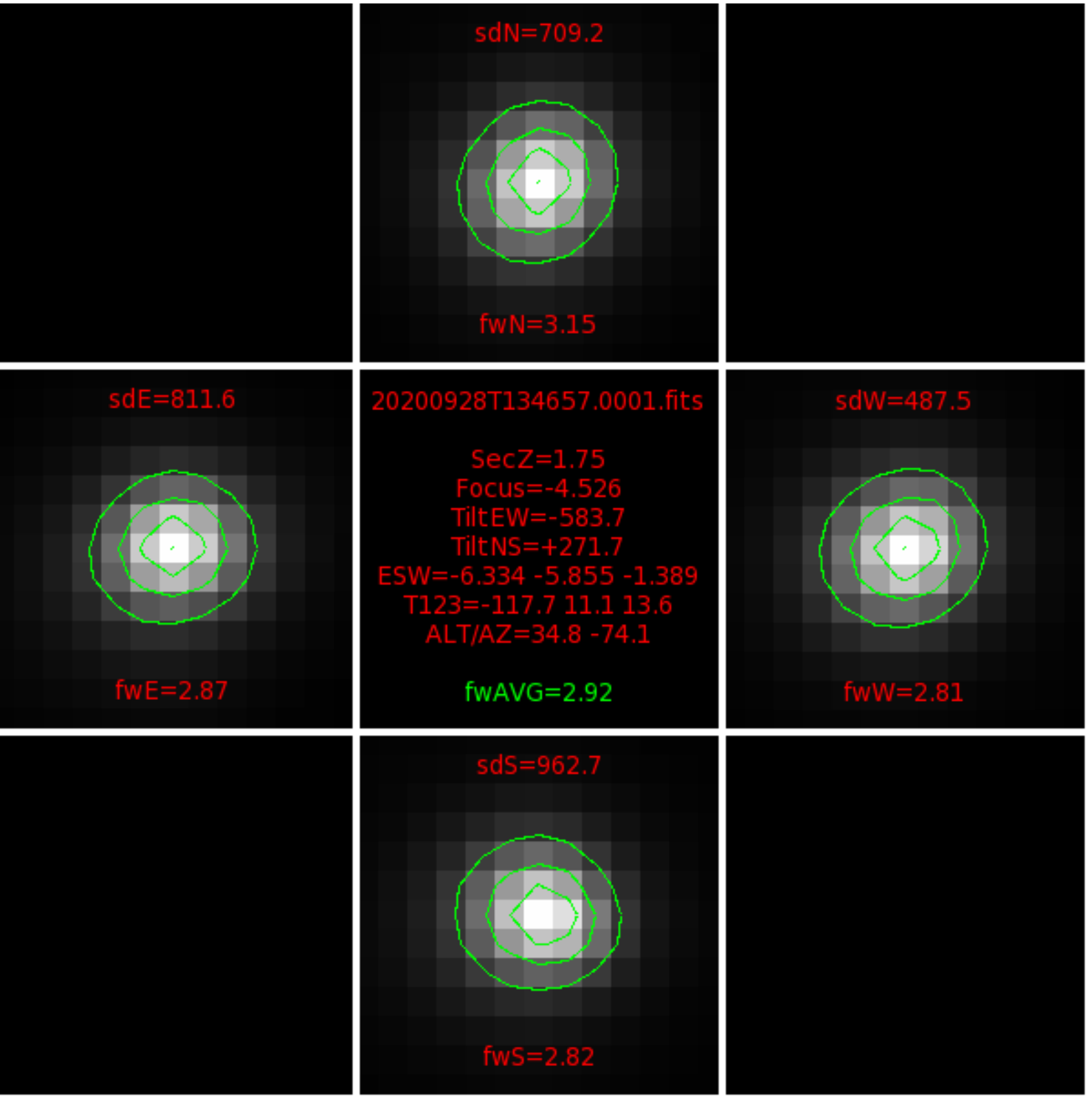
sdN=709.2
fwN=3.15
sdE=811.6
fwE=2.87
20200928T134657.0001.fits
SecZ=1.75
Focus=-4.526
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.334 -5.855 -1.389
T123=-117.7 11.1 13.6
ALT/AZ=34.8 -74.1
fwAVG=2.92
sdW=487.5
fwW=2.81
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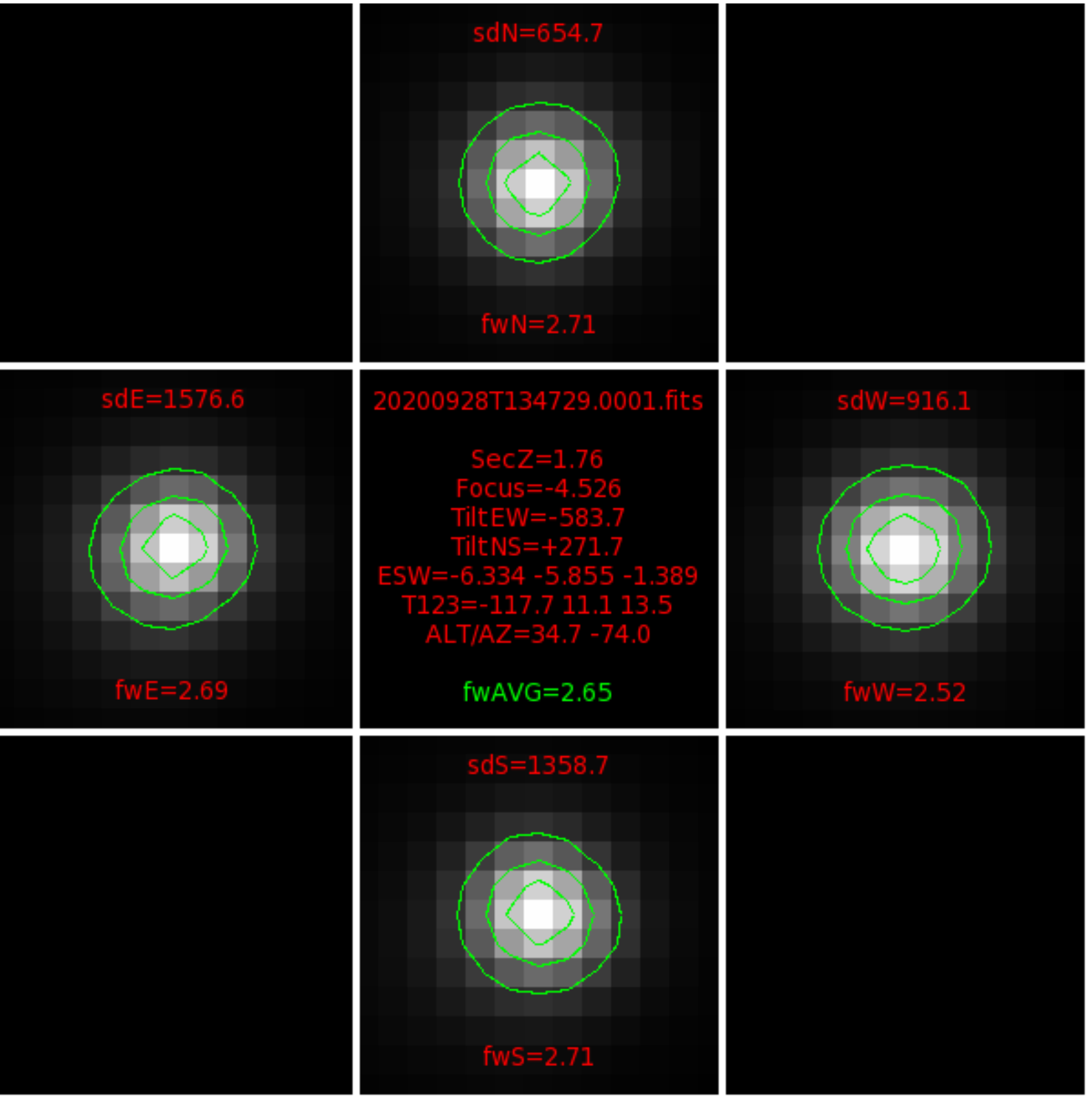
sdN=654.7
fwN=2.71
sdE=1576.6
fwE=2.69
20200928T134729.0001.fits
SecZ=1.76
Focus=-4.526
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.334 -5.855 -1.389
T123=-117.7 11.1 13.5
ALT/AZ=34.7 -74.0
fwAVG=2.65
sdW=916.1
fwW=2.52
sdS=1358.7
fwS=2.71
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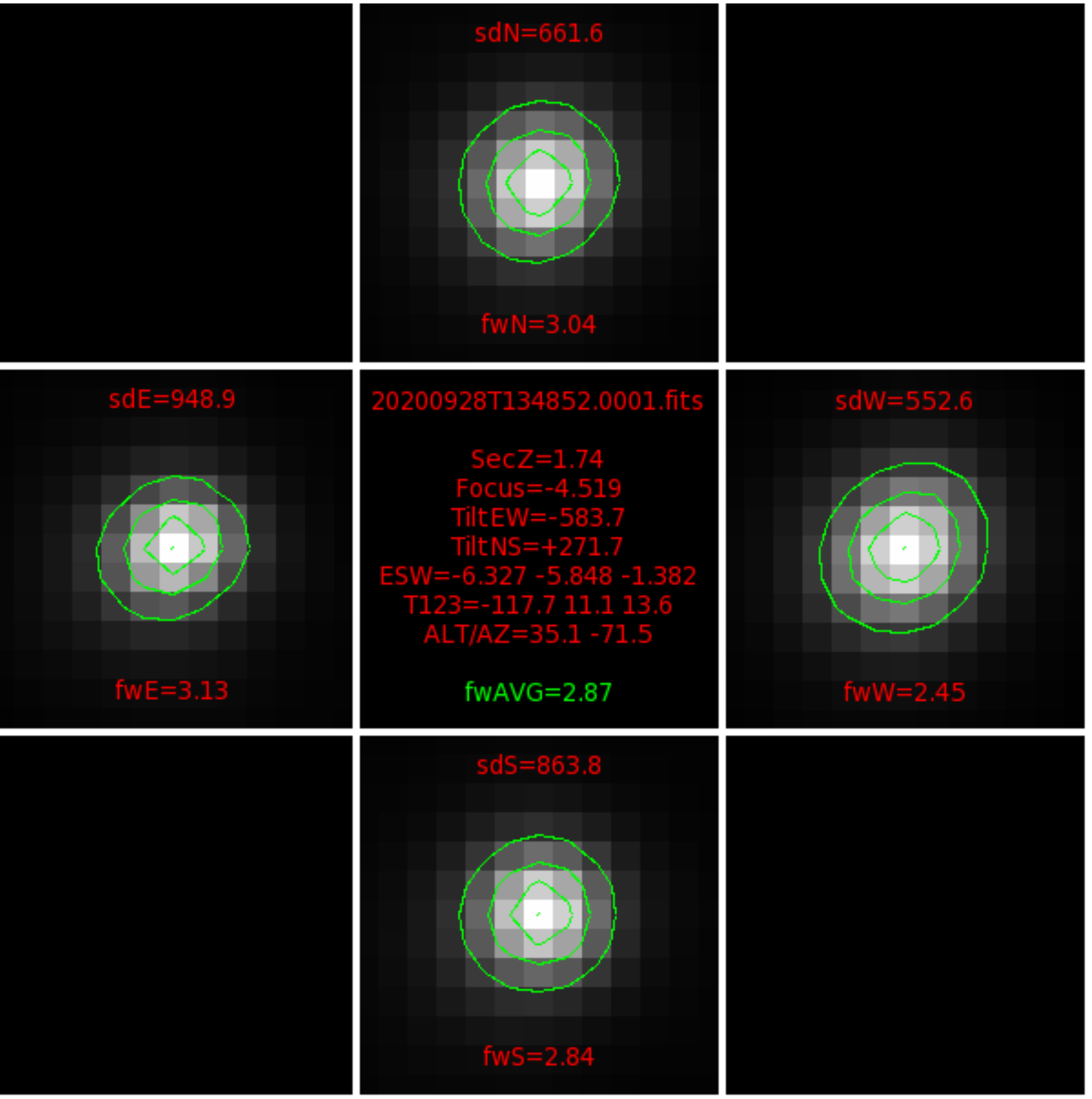
sdN=661.6
fwN=3.04
sdE=948.9
fwE=3.13
20200928T134852.0001.fits
SecZ=1.74
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.7 11.1 13.6
ALT/AZ=35.1 -71.5
fwAVG=2.87
sdW=552.6
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sdS=863.8
fwS=2.84
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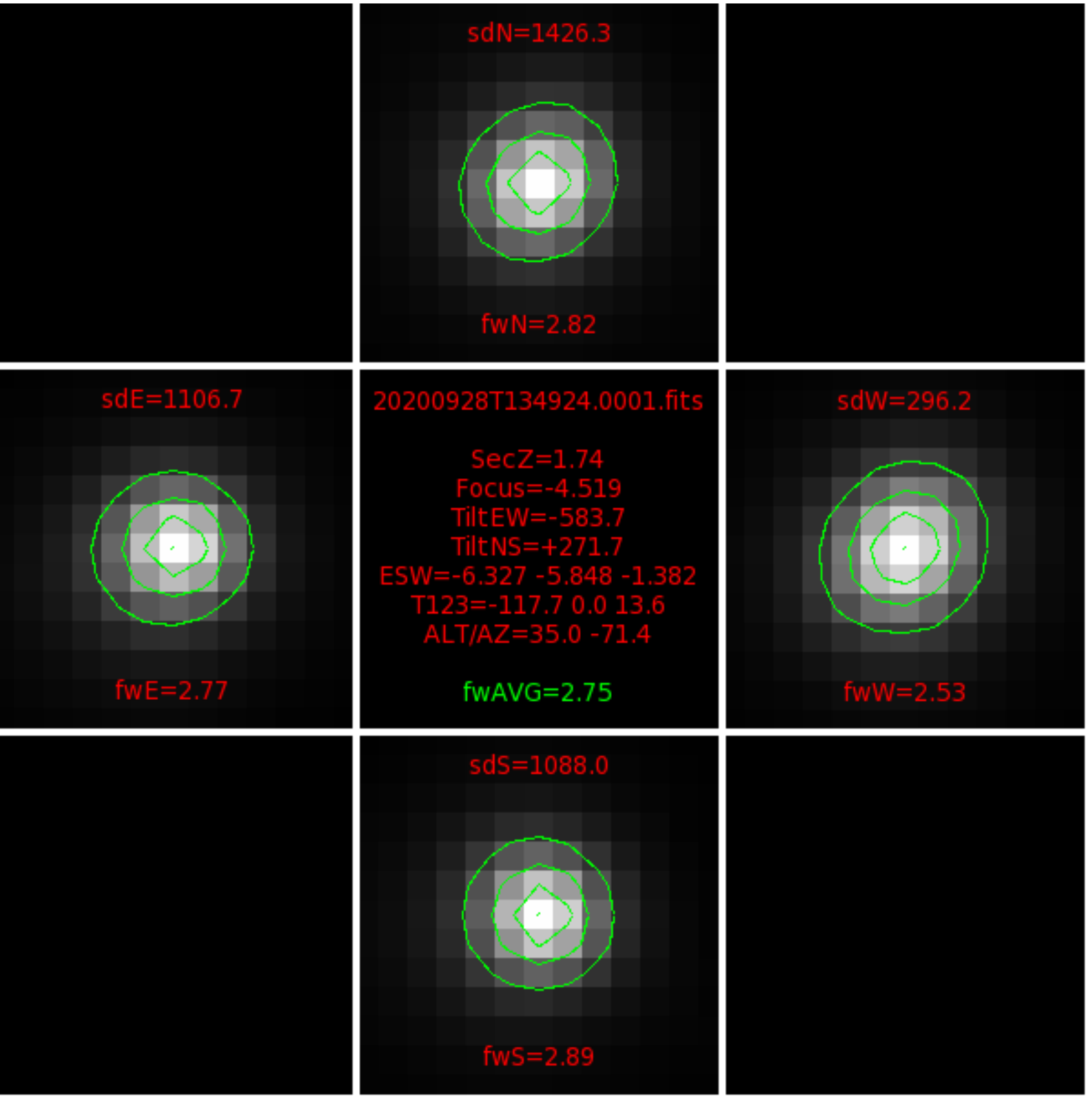
sdN=1426.3
fwN=2.82
sdE=1106.7
fwE=2.77
20200928T134924.0001.fits
SecZ=1.74
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.7 0.0 13.6
ALT/AZ=35.0 -71.4
fwAVG=2.75
sdW=296.2
fwW=2.53
sdS=1088.0
fwS=2.89
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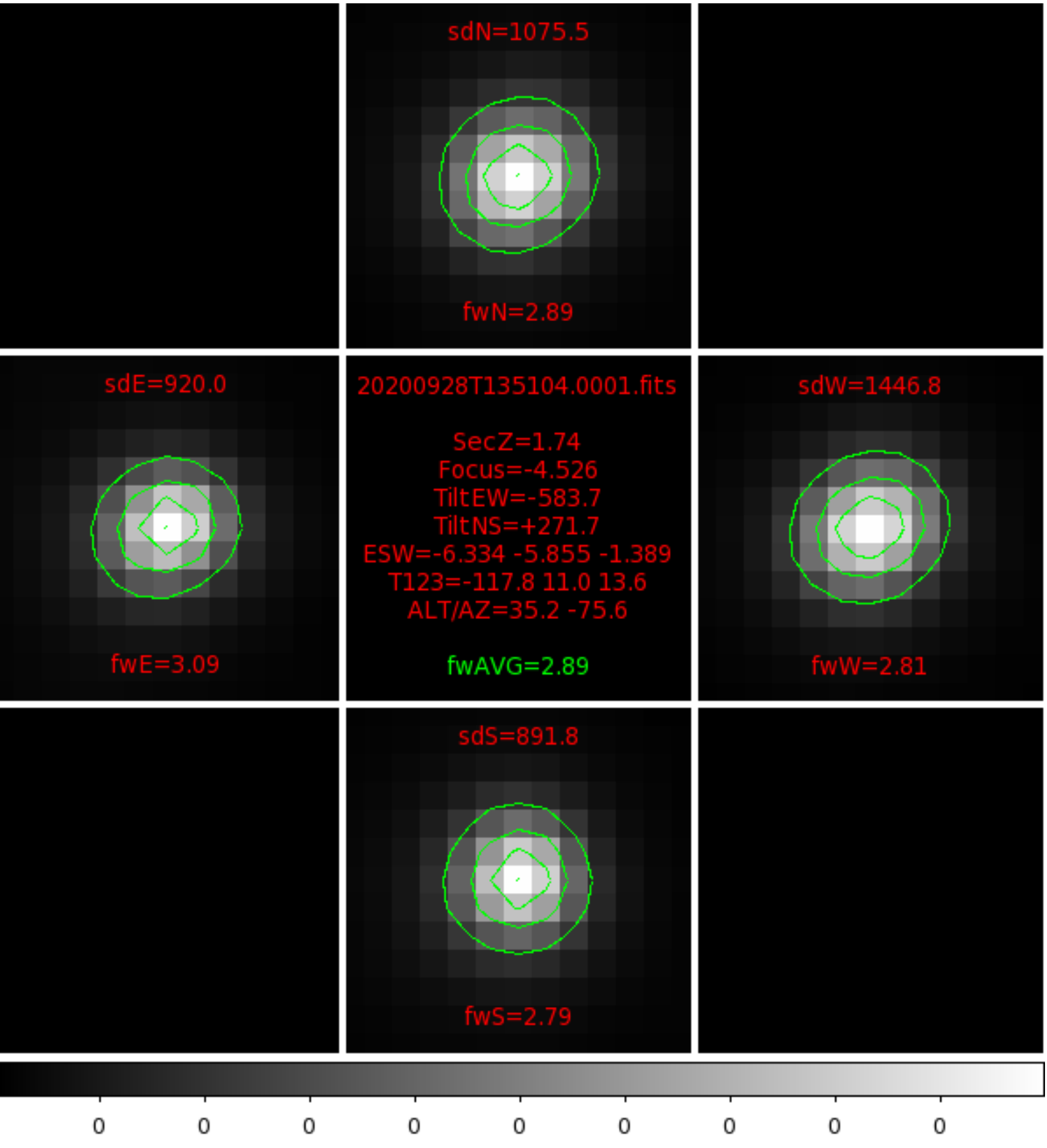
sdN=1075.5
fwN=2.89
sdE=920.0
fwE=3.09
20200928T135104.0001.fits
SecZ=1.74
Focus=-4.526
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.334 -5.855 -1.389
T123=-117.8 11.0 13.6
ALT/AZ=35.2 -75.6
fwAVG=2.89
sdW=1446.8
fwW=2.81
sdS=891.8
fwS=2.79
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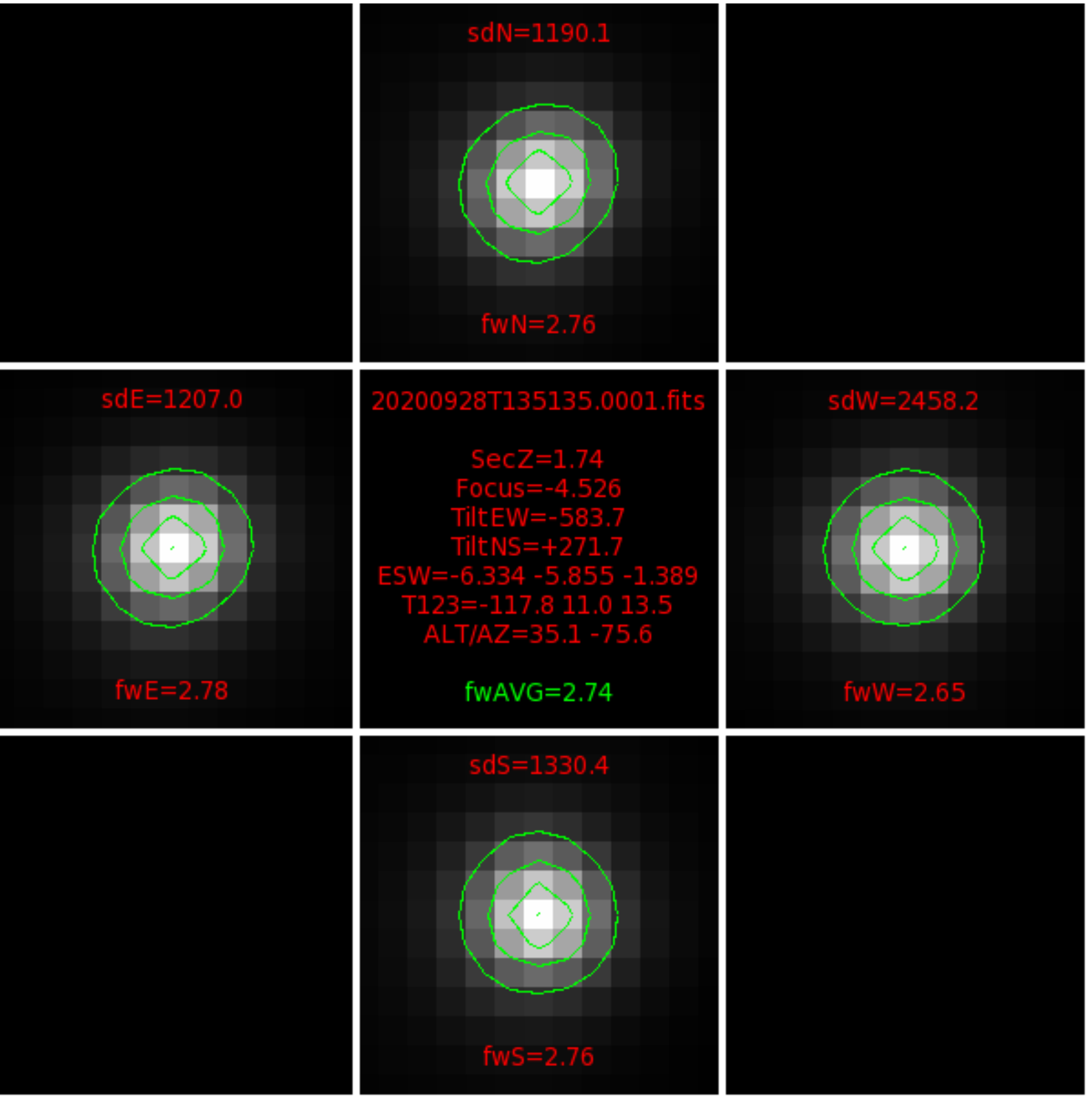
sdN=1190.1
fwN=2.76
sdE=1207.0
fwE=2.78
20200928T135135.0001.fits
SecZ=1.74
Focus=-4.526
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.334 -5.855 -1.389
T123=-117.8 11.0 13.5
ALT/AZ=35.1 -75.6
fwAVG=2.74
sdW=2458.2
fwW=2.65
sdS=1330.4
fwS=2.76
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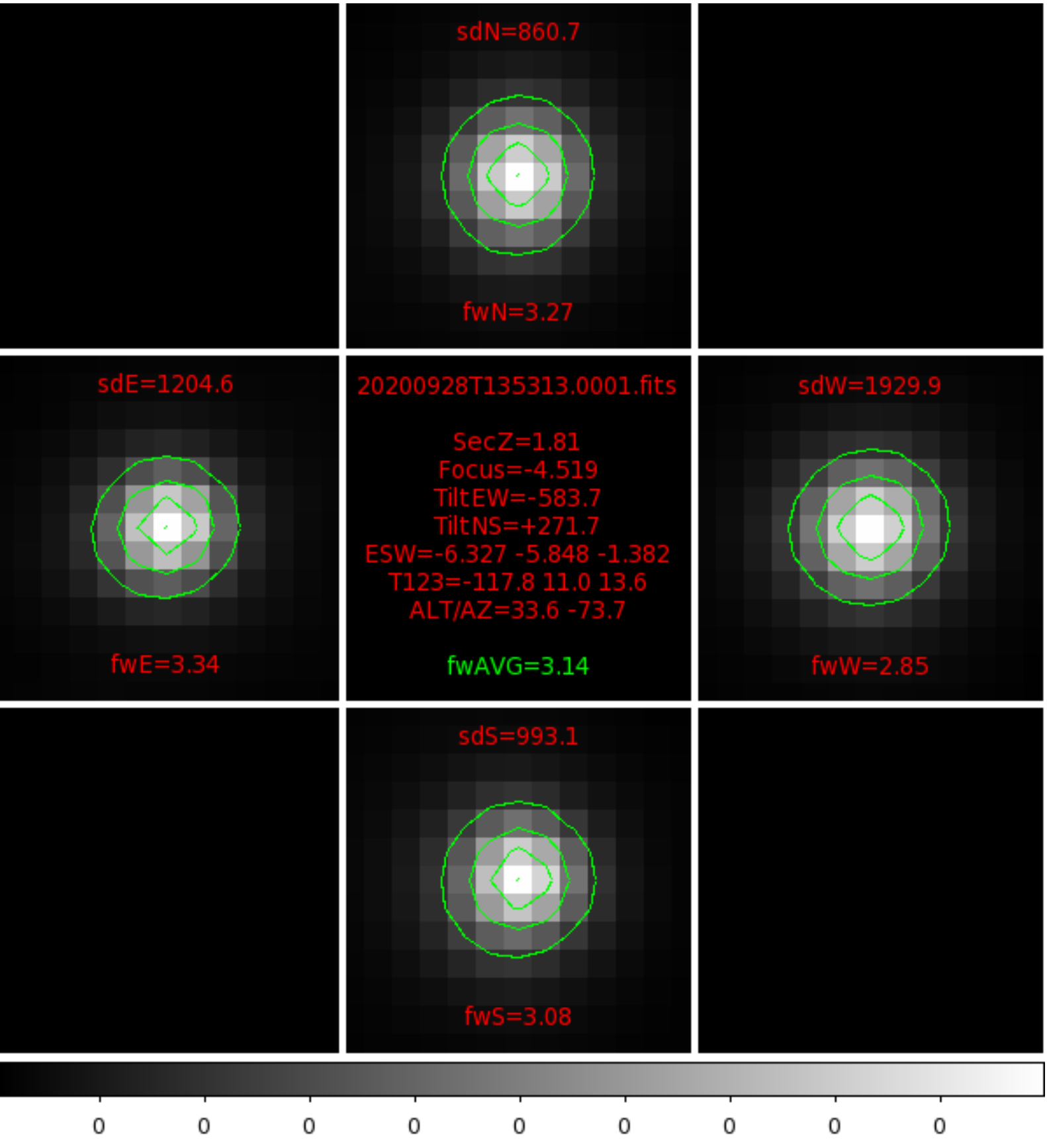
sdN=860.7
fwN=3.27
sdE=1204.6
fwE=3.34
20200928T135313.0001.fits
SecZ=1.81
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.8 11.0 13.6
ALT/AZ=33.6 -73.7
fwAVG=3.14
sdW=1929.9
fwW=2.85
sdS=993.1
fwS=3.08
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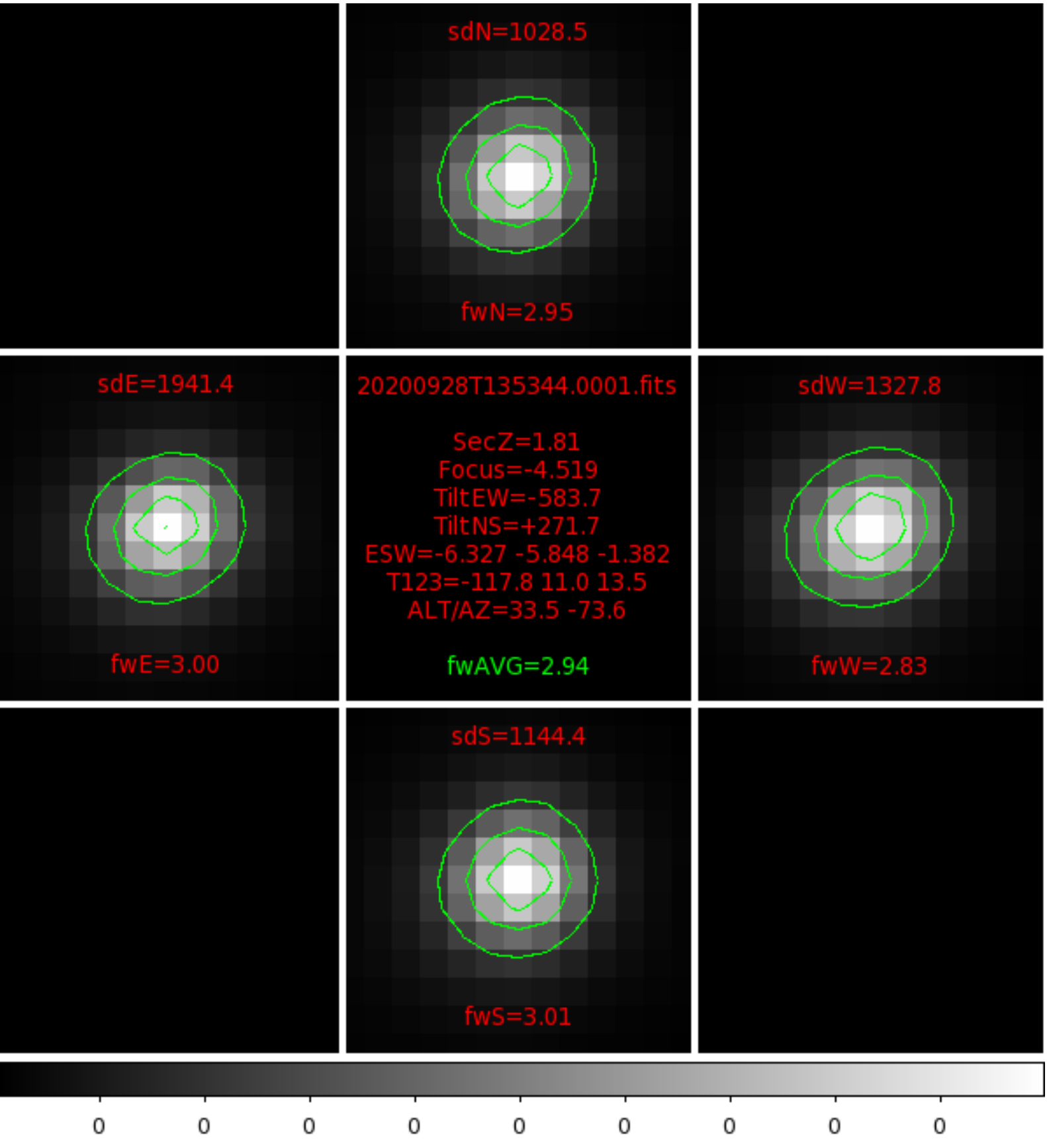
sdN=1028.5
fwN=2.95
sdE=1941.4
fwE=3.00
20200928T135344.0001.fits
SecZ=1.81
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.8 11.0 13.5
ALT/AZ=33.5 -73.6
fwAVG=2.94
sdW=1327.8
fwW=2.83
sdS=1144.4
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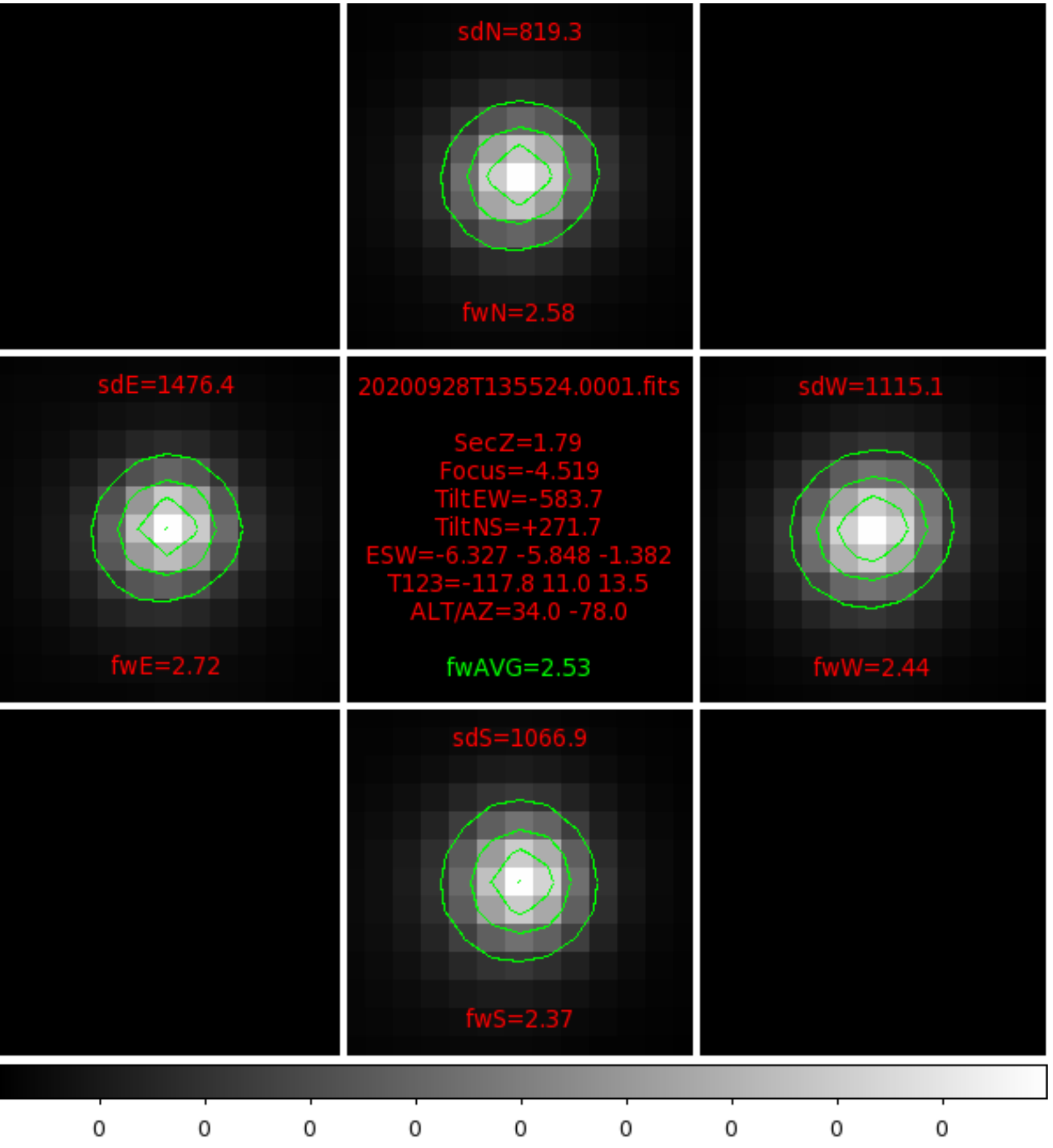
sdN=819.3
fwN=2.58
sdE=1476.4
fwE=2.72
20200928T135524.0001.fits
SecZ=1.79
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.8 11.0 13.5
ALT/AZ=34.0 -78.0
fwAVG=2.53
sdW=1115.1
fwW=2.44
sdS=1066.9
fwS=2.37
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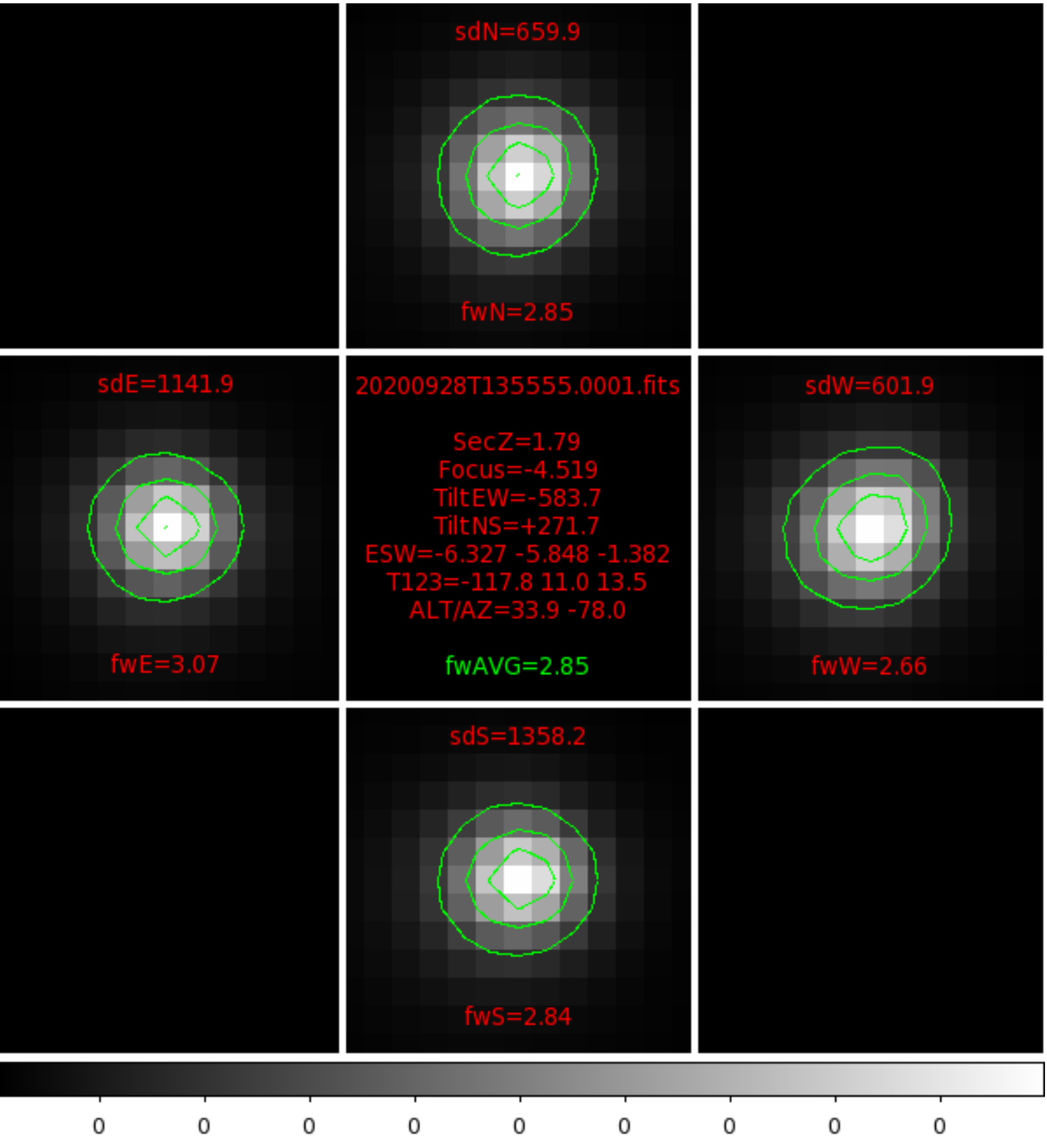
sdN=659.9
fwN=2.85
sdE=1141.9
fwE=3.07
20200928T135555.0001.fits
SecZ=1.79
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.8 11.0 13.5
ALT/AZ=33.9 -78.0
fwAVG=2.85
sdW=601.9
fwW=2.66
sdS=1358.2
fwS=2.84
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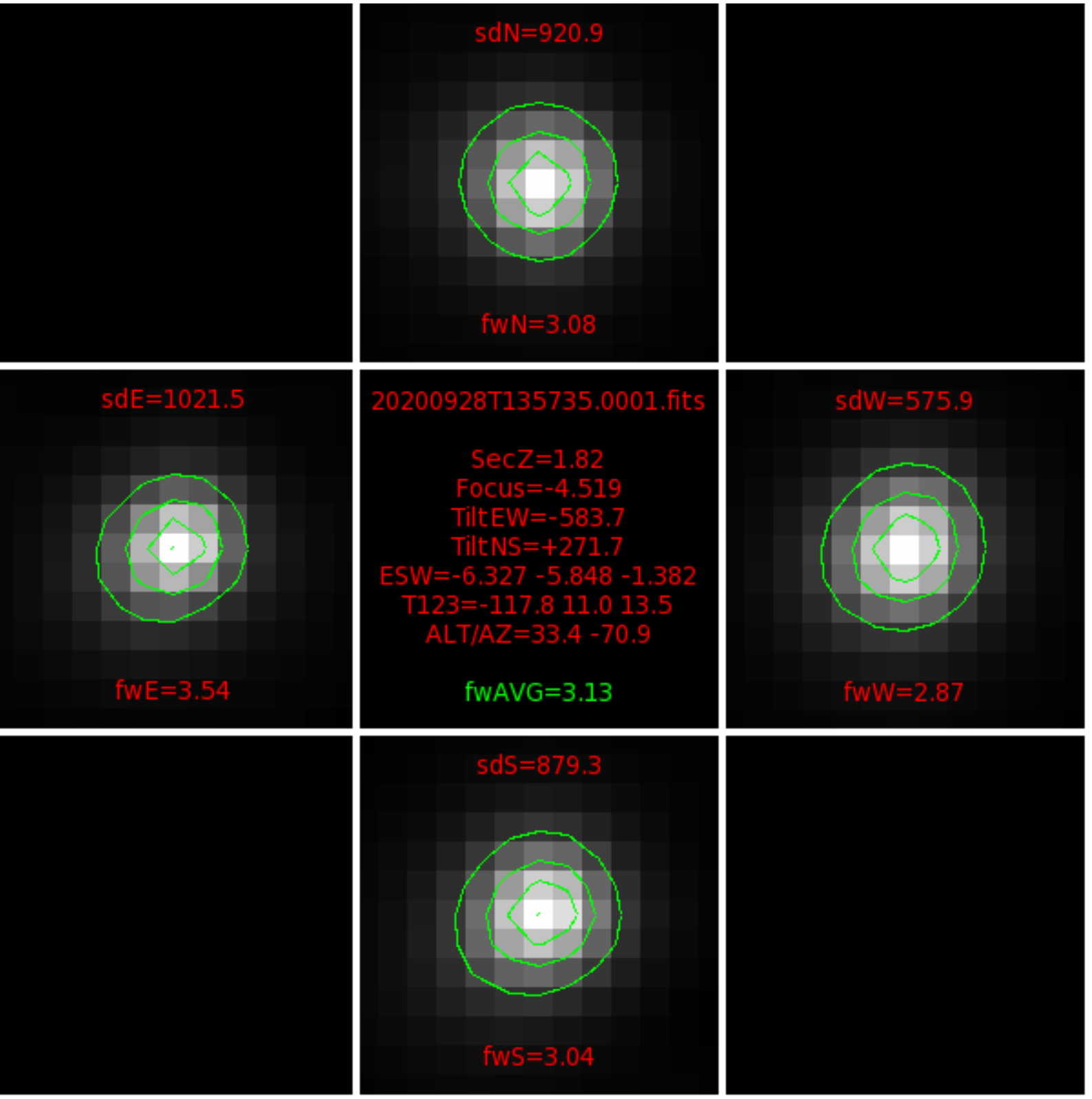
sdN=920.9
fwN=3.08
sdE=1021.5
fwE=3.54
20200928T135735.0001.fits
SecZ=1.82
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.8 11.0 13.5
ALT/AZ=33.4 -70.9
fwAVG=3.13
sdW=575.9
fwW=2.87
sdS=879.3
fwS=3.04
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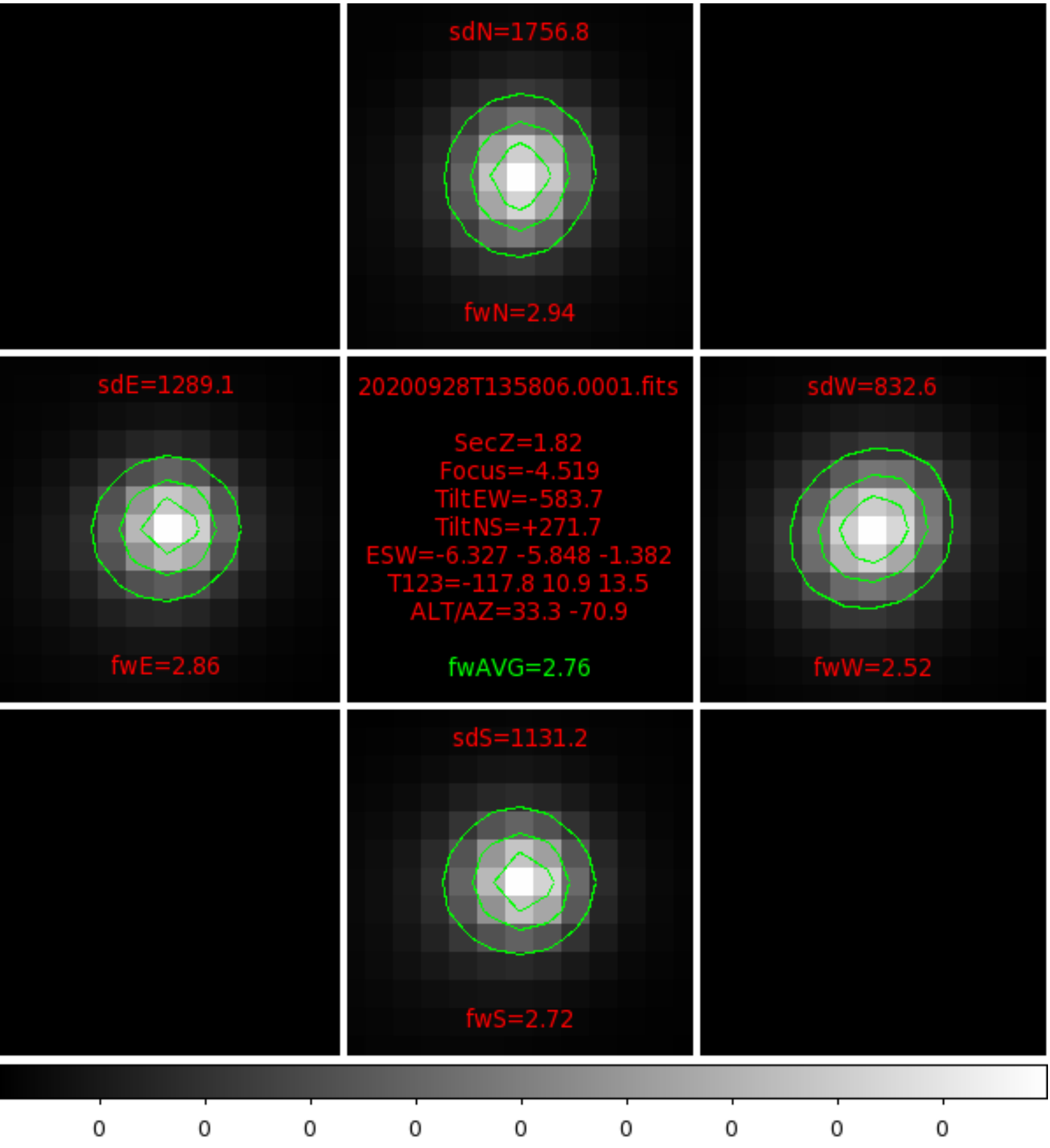
sdN=1756.8
fwN=2.94
sdE=1289.1
fwE=2.86
20200928T135806.0001.fits
SecZ=1.82
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.8 10.9 13.5
ALT/AZ=33.3 -70.9
fwAVG=2.76
sdW=832.6
fwW=2.52
sdS=1131.2
fwS=2.72
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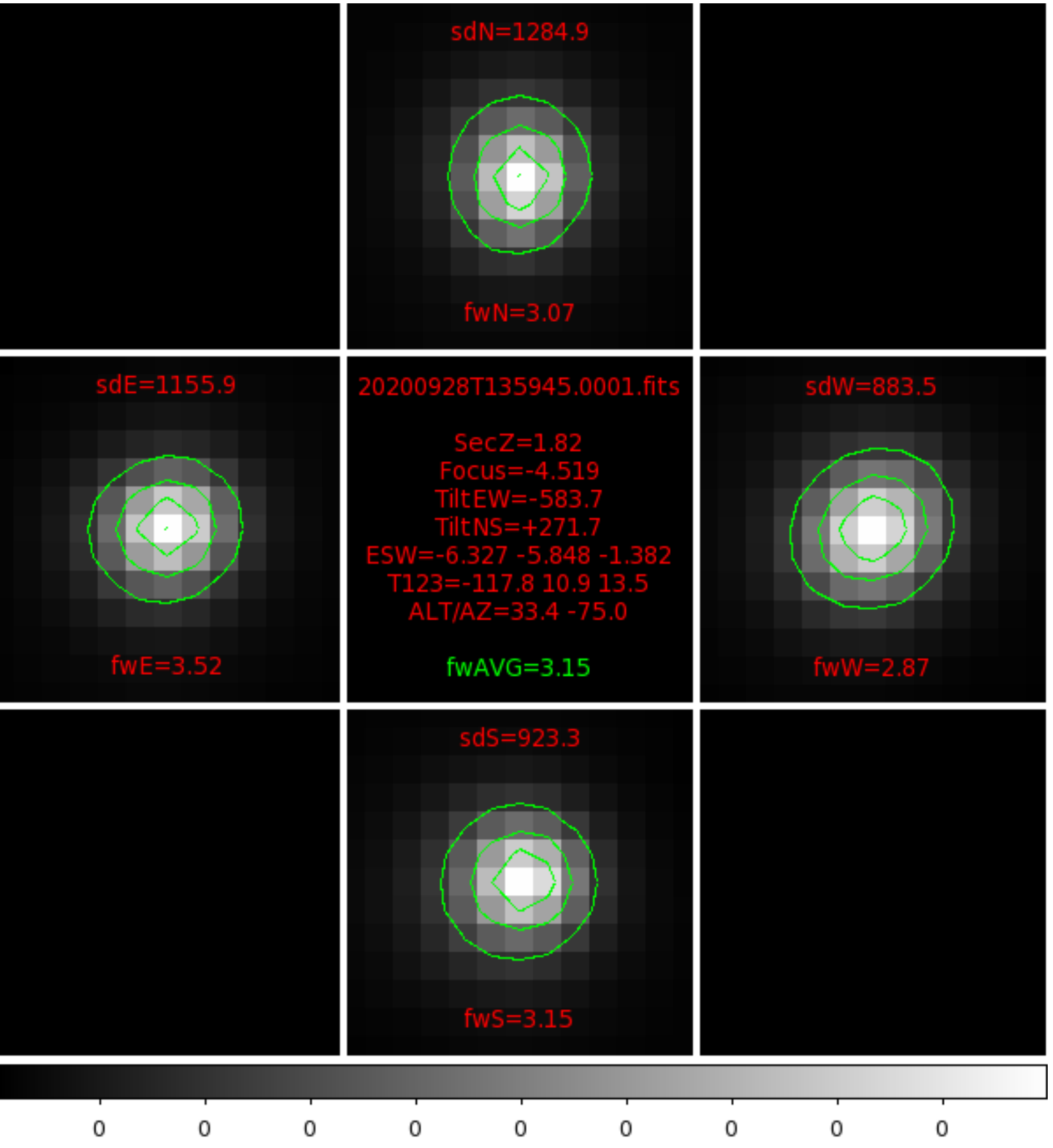
sdN=1284.9
fwN=3.07
sdE=1155.9
fwE=3.52
20200928T135945.0001.fits
SecZ=1.82
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.8 10.9 13.5
ALT/AZ=33.4 -75.0
fwAVG=3.15
sdW=883.5
fwW=2.87
sdS=923.3
fwS=3.15
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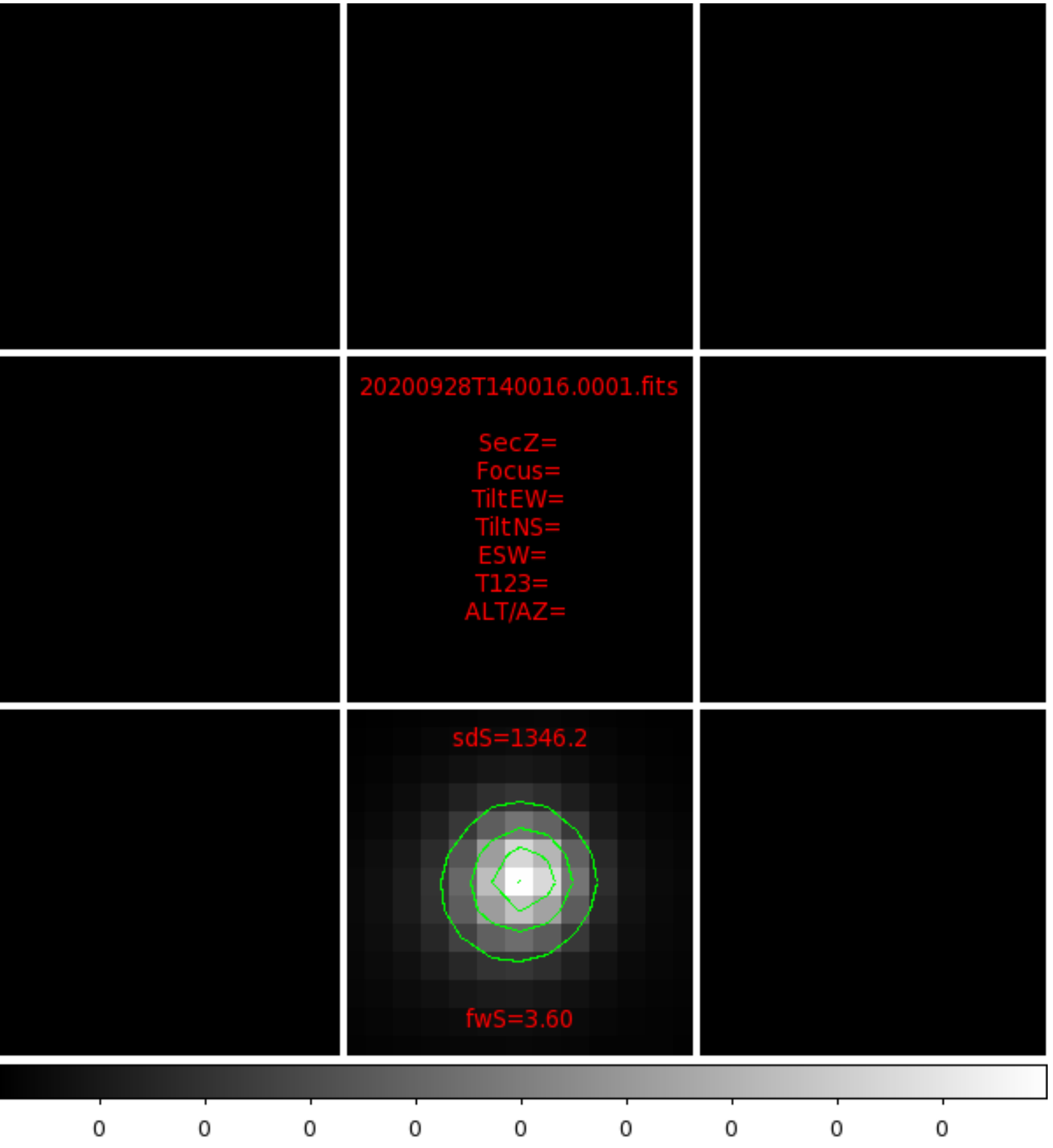
20200928T140016.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
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ALT/AZ=
sdS=1346.2
fwS=3.60
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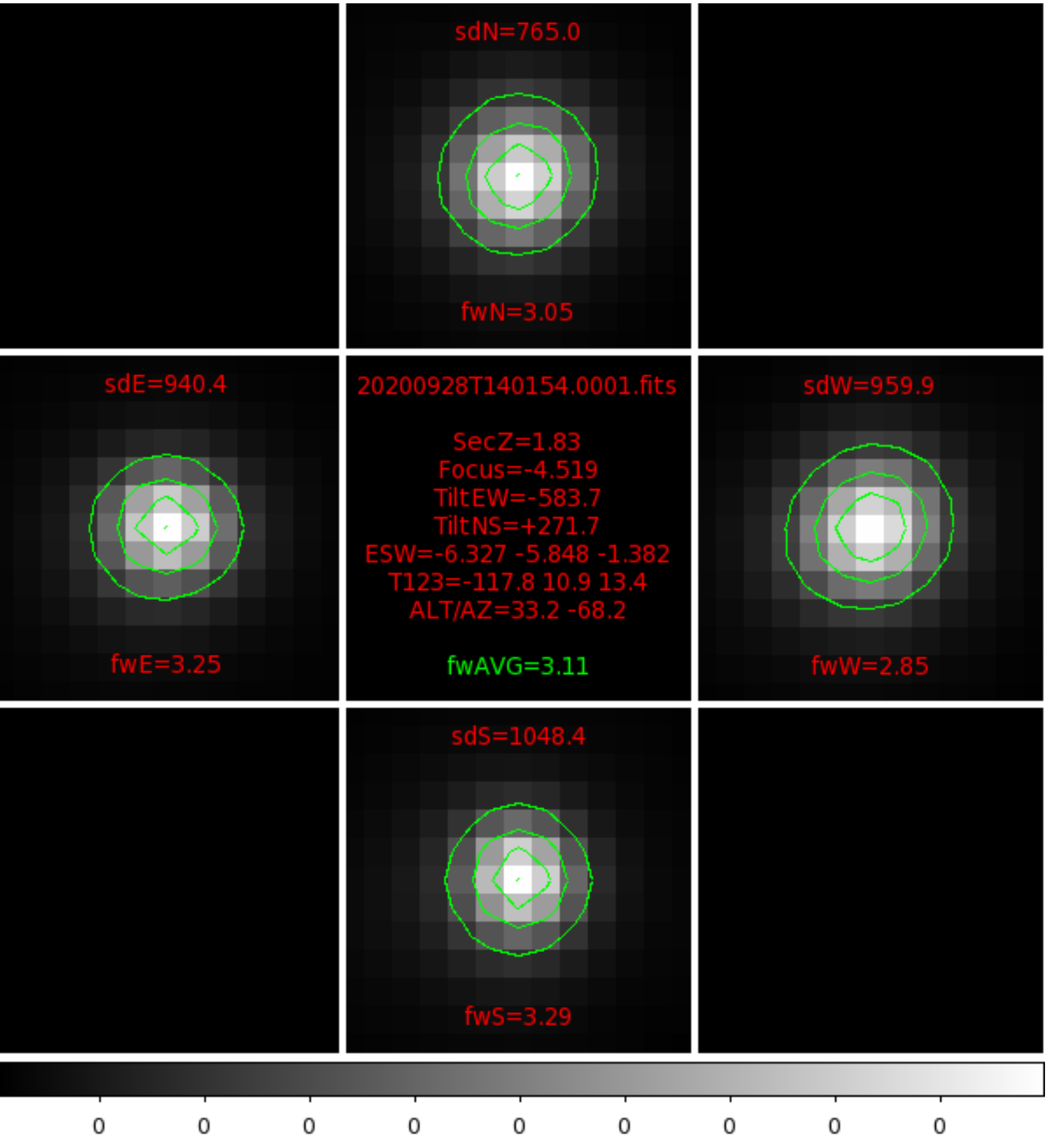
sdN=765.0
fwN=3.05
sdE=940.4
fwE=3.25
20200928T140154.0001.fits
SecZ=1.83
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.8 10.9 13.4
ALT/AZ=33.2 -68.2
fwAVG=3.11
sdW=959.9
fwW=2.85
sdS=1048.4
fwS=3.29
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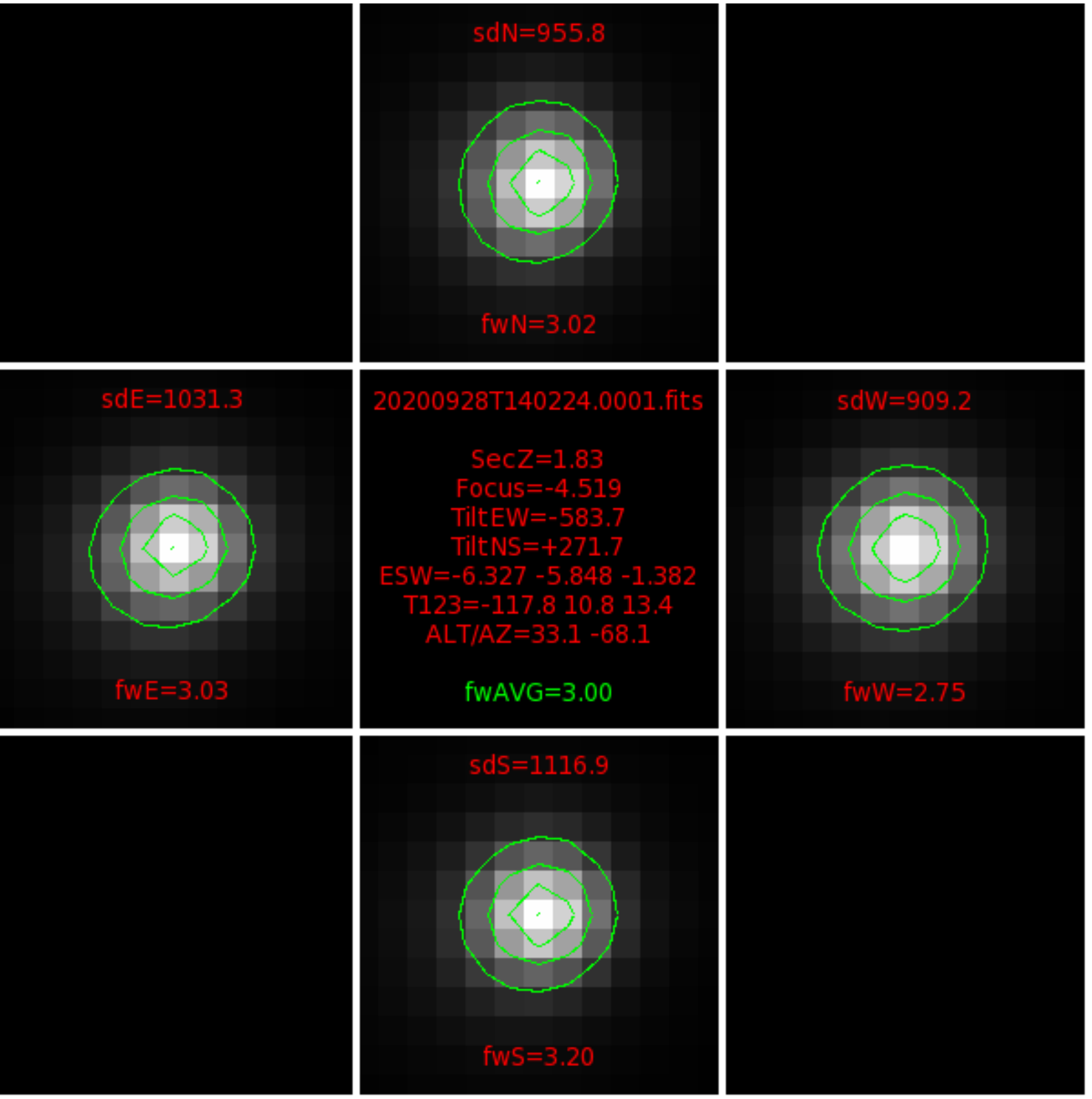
sdN=955.8
fwN=3.02
sdE=1031.3
fwE=3.03
20200928T140224.0001.fits
SecZ=1.83
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.8 10.8 13.4
ALT/AZ=33.1 -68.1
fwAVG=3.00
sdW=909.2
fwW=2.75
sdS=1116.9
fwS=3.20
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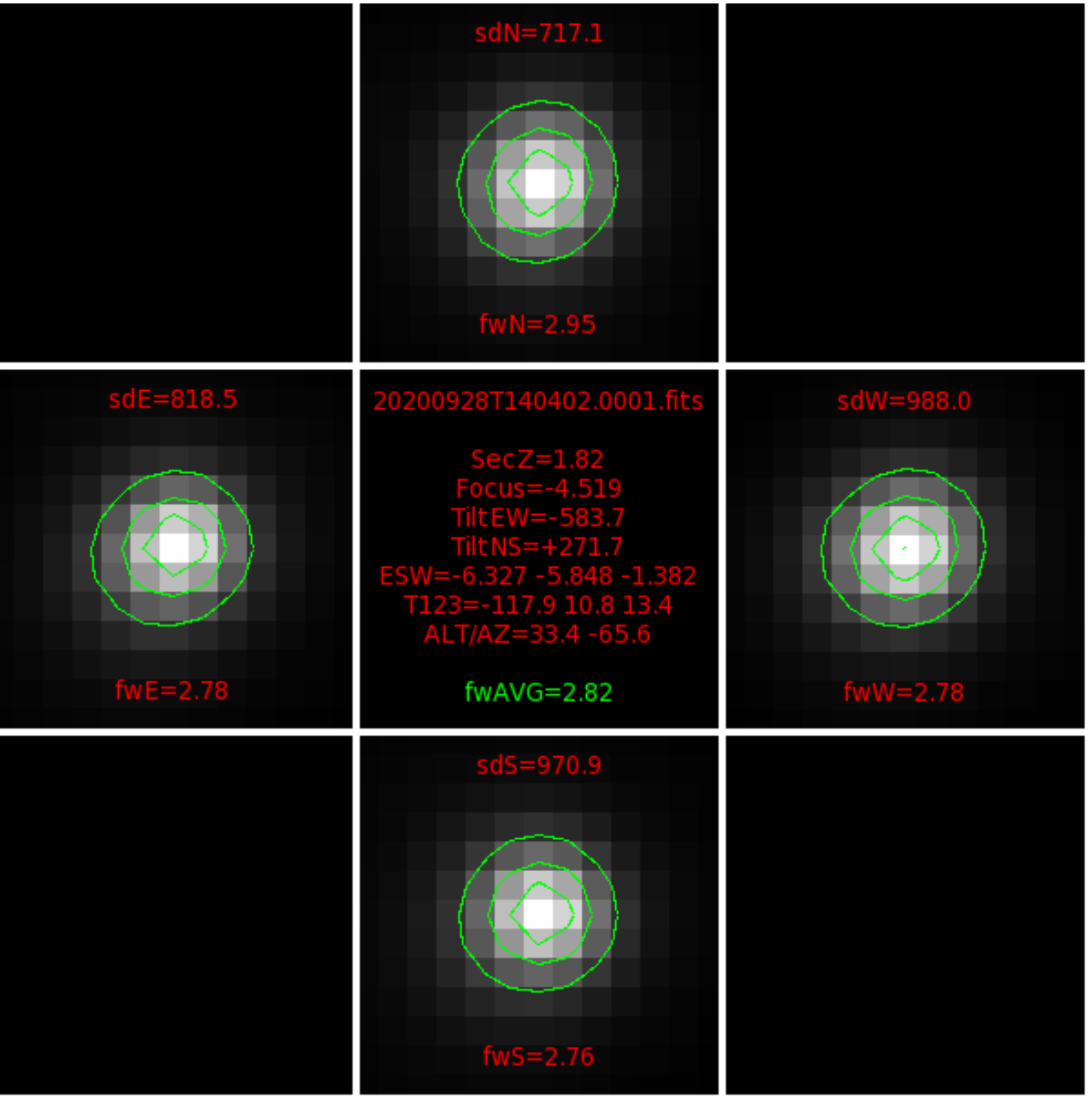
sdN=717.1
fwN=2.95
sdE=818.5
fwE=2.78
20200928T140402.0001.fits
SecZ=1.82
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.9 10.8 13.4
ALT/AZ=33.4 -65.6
fwAVG=2.82
sdW=988.0
fwW=2.78
sdS=970.9
fwS=2.76
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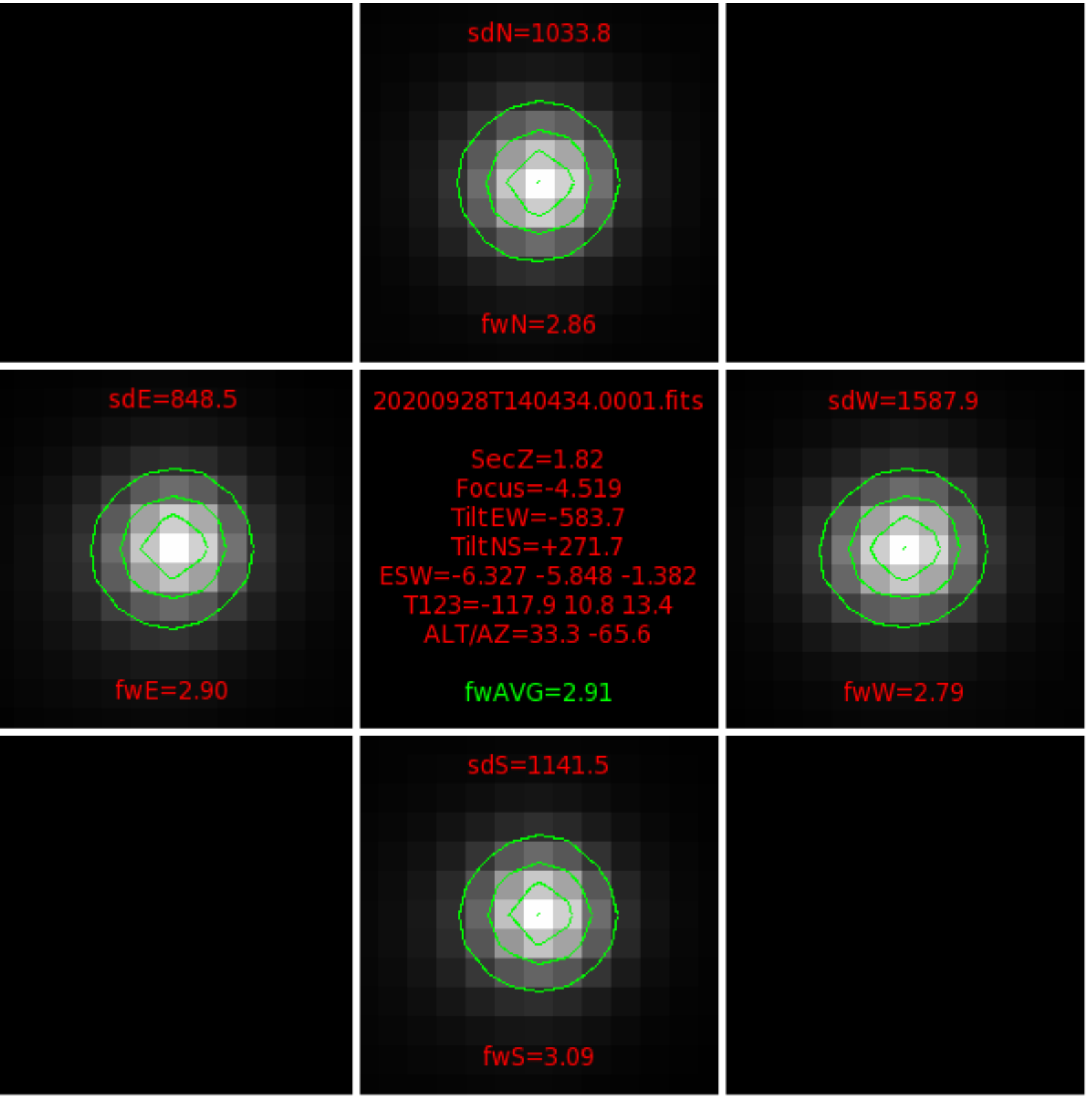
sdN=1033.8
fwN=2.86
sdE=848.5
fwE=2.90
20200928T140434.0001.fits
SecZ=1.82
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.9 10.8 13.4
ALT/AZ=33.3 -65.6
fwAVG=2.91
sdW=1587.9
fwW=2.79
sdS=1141.5
fwS=3.09
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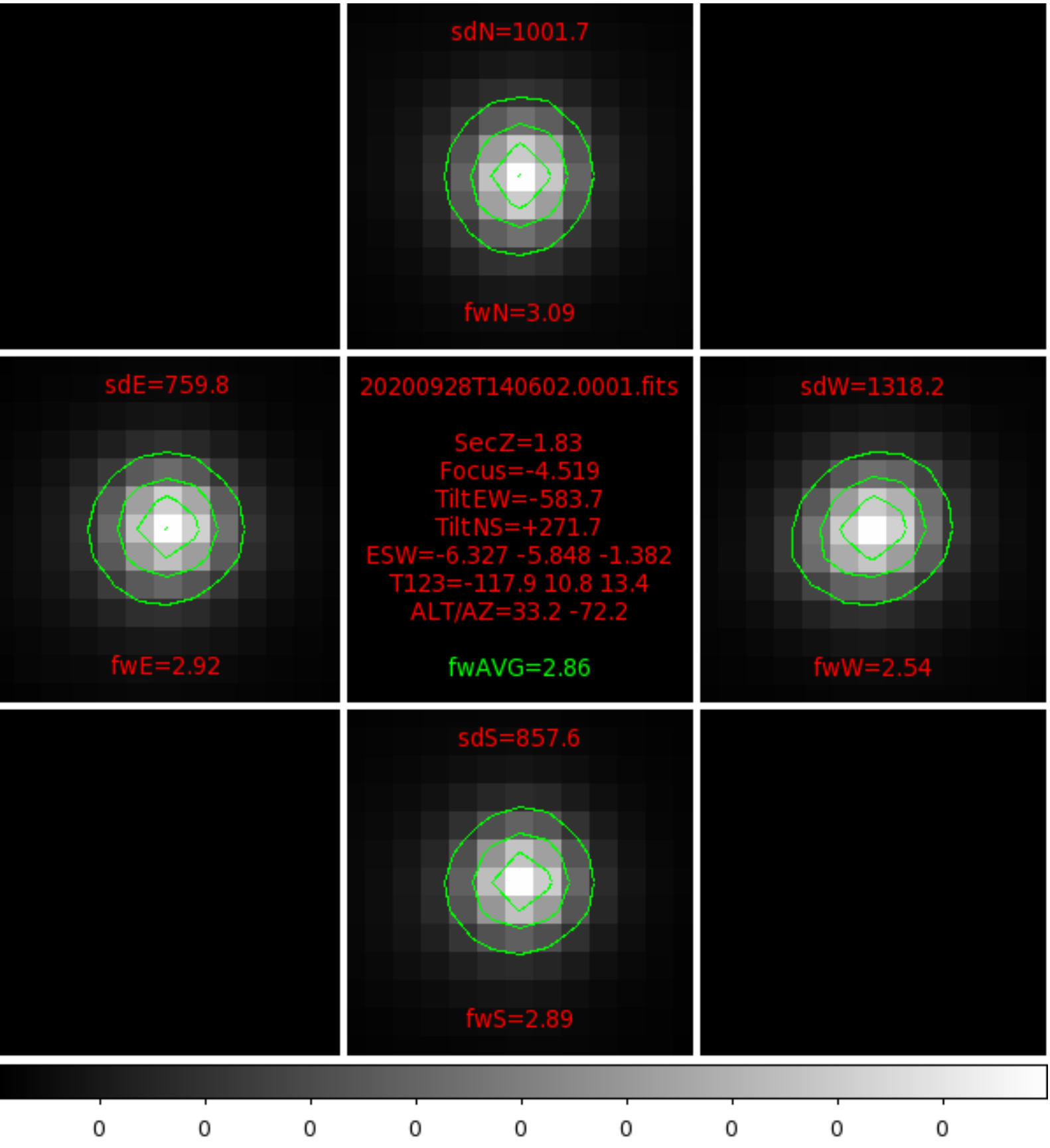
sdN=1001.7
fwN=3.09
sdE=759.8
fwE=2.92
20200928T140602.0001.fits
SecZ=1.83
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.9 10.8 13.4
ALT/AZ=33.2 -72.2
fwAVG=2.86
sdW=1318.2
fwW=2.54
sdS=857.6
fwS=2.89
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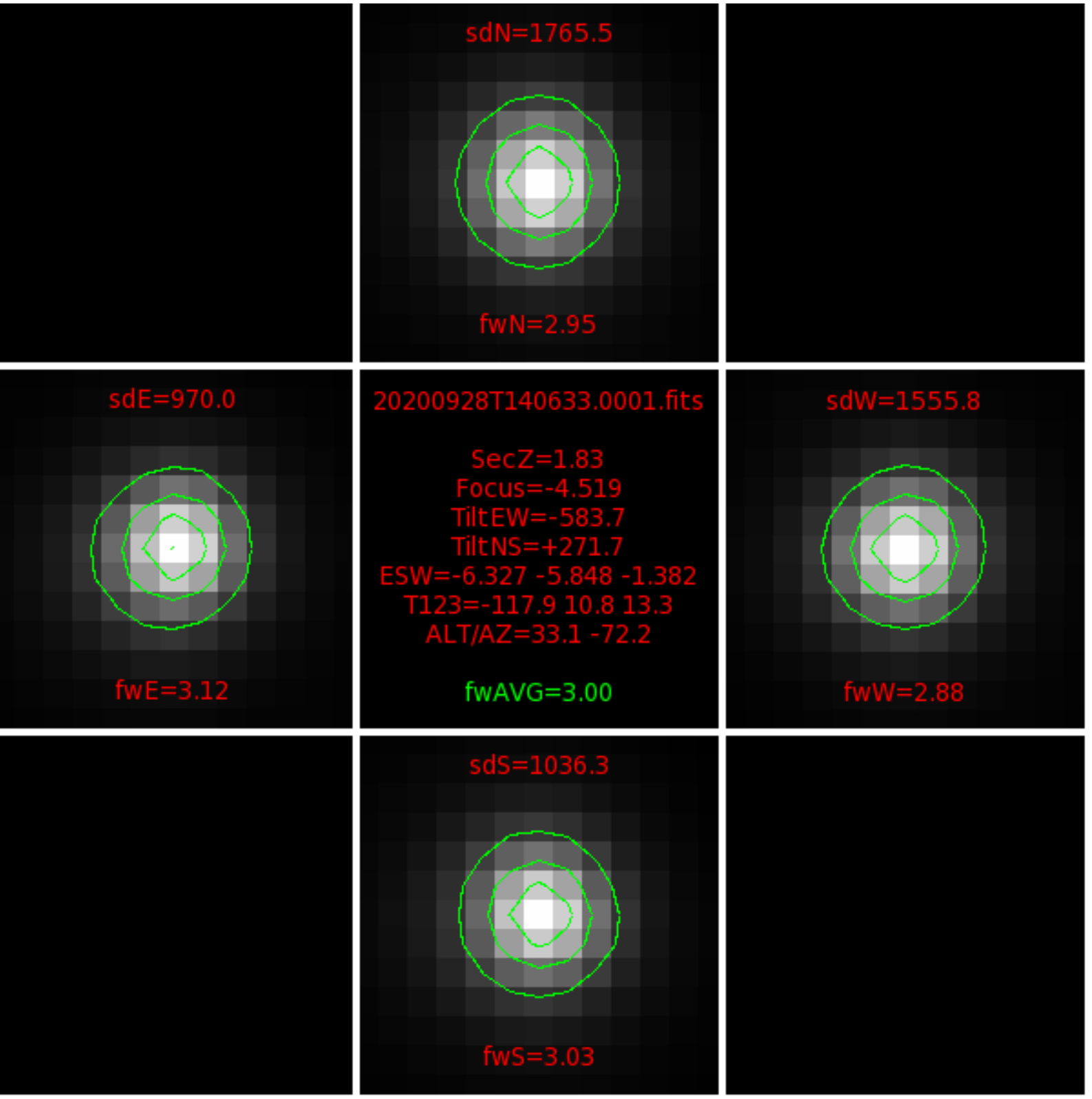
sdN=1765.5
fwN=2.95
sdE=970.0
fwE=3.12
20200928T140633.0001.fits
SecZ=1.83
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.9 10.8 13.3
ALT/AZ=33.1 -72.2
fwAVG=3.00
sdW=1555.8
fwW=2.88
sdS=1036.3
fwS=3.03
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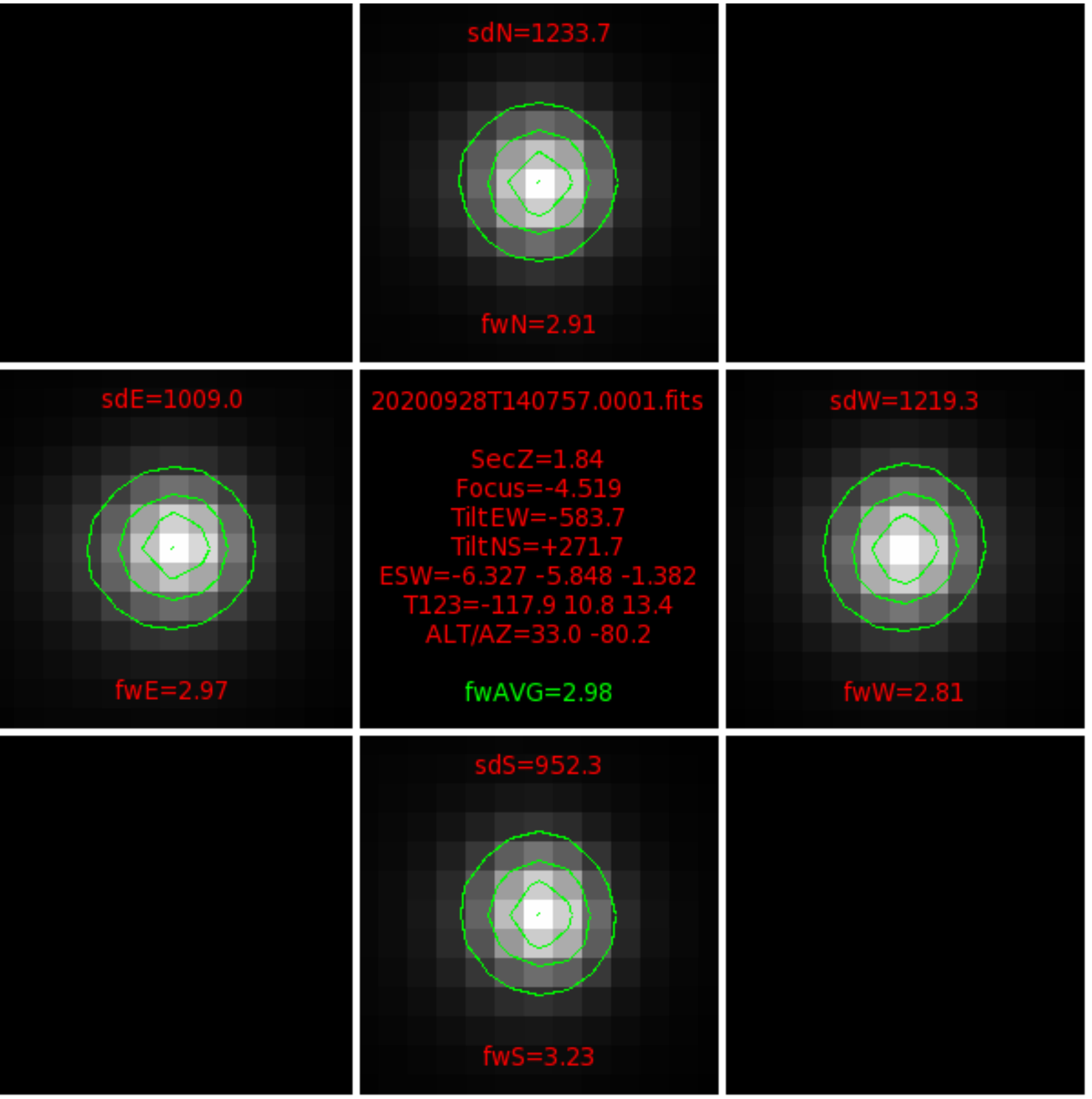
sdN=1233.7
fwN=2.91
sdE=1009.0
fwE=2.97
20200928T140757.0001.fits
SecZ=1.84
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.9 10.8 13.4
ALT/AZ=33.0 -80.2
fwAVG=2.98
sdW=1219.3
fwW=2.81
sdS=952.3
fwS=3.23
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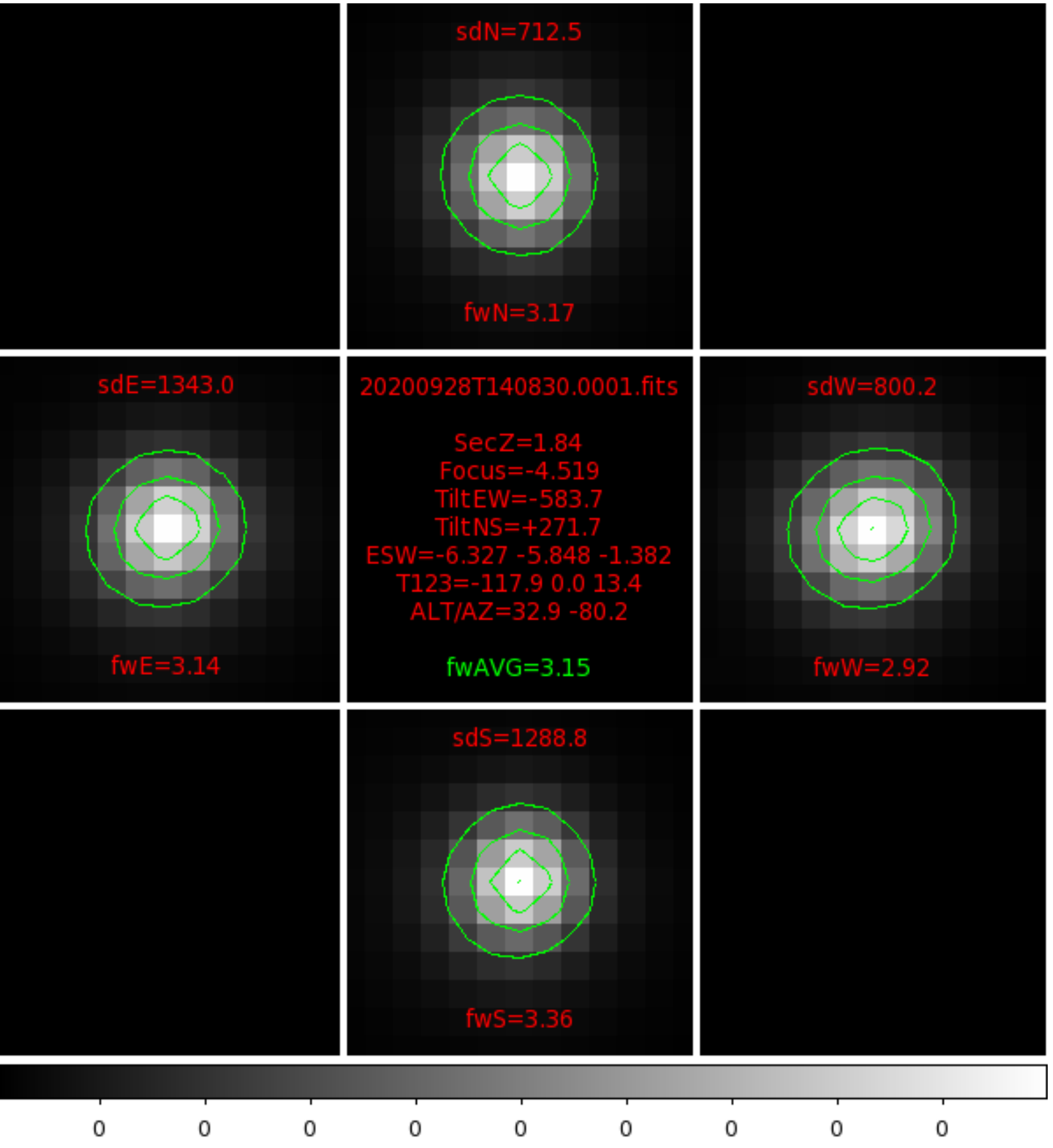
sdN=712.5
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sdE=1343.0
fwE=3.14
20200928T140830.0001.fits
SecZ=1.84
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-117.9 0.0 13.4
ALT/AZ=32.9 -80.2
fwAVG=3.15
sdW=800.2
fwW=2.92
sdS=1288.8
fwS=3.36
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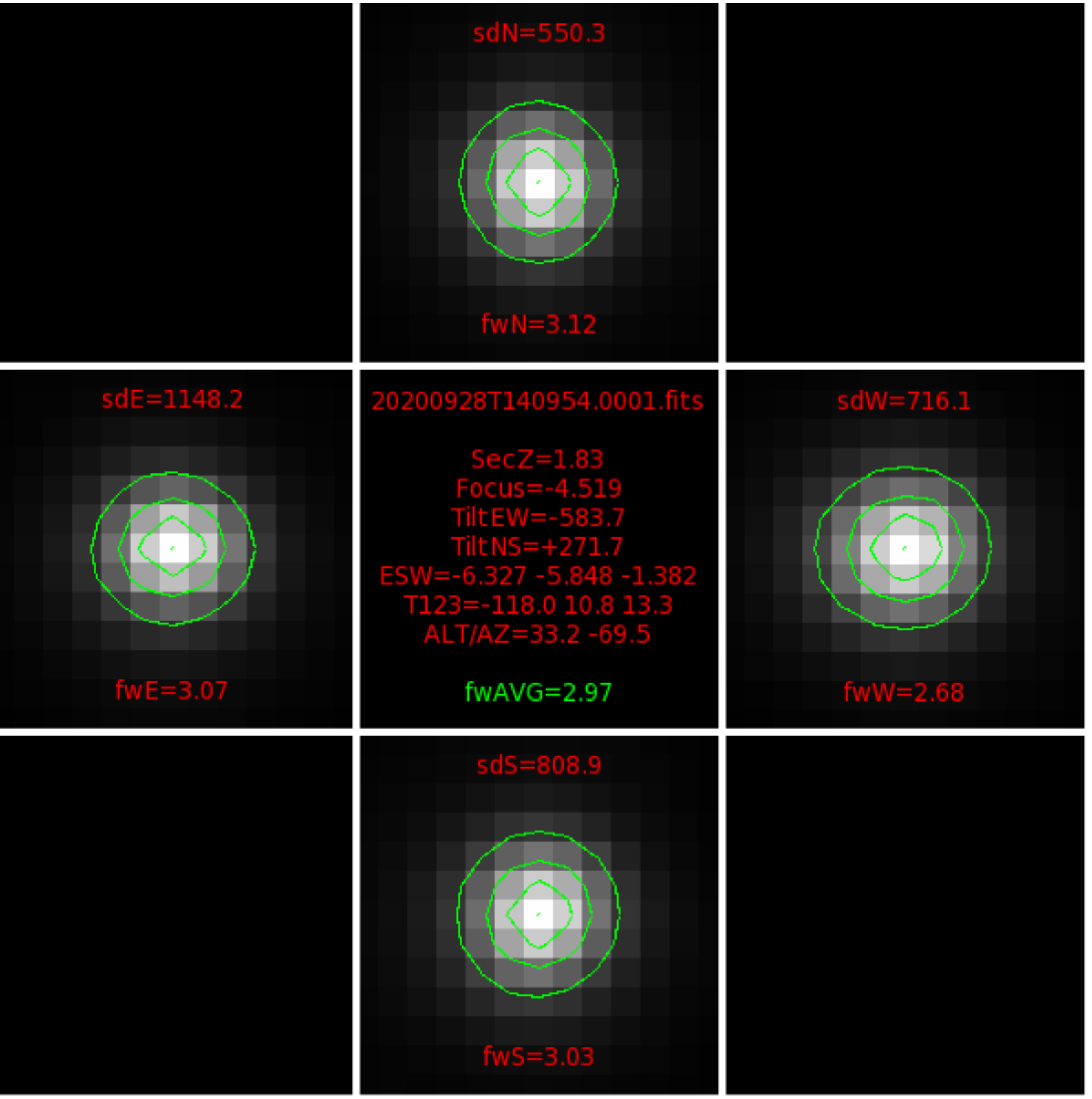
sdN=550.3
fwN=3.12
sdE=1148.2
fwE=3.07
20200928T140954.0001.fits
SecZ=1.83
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-118.0 10.8 13.3
ALT/AZ=33.2 -69.5
fwAVG=2.97
sdW=716.1
fwW=2.68
sdS=808.9
fwS=3.03
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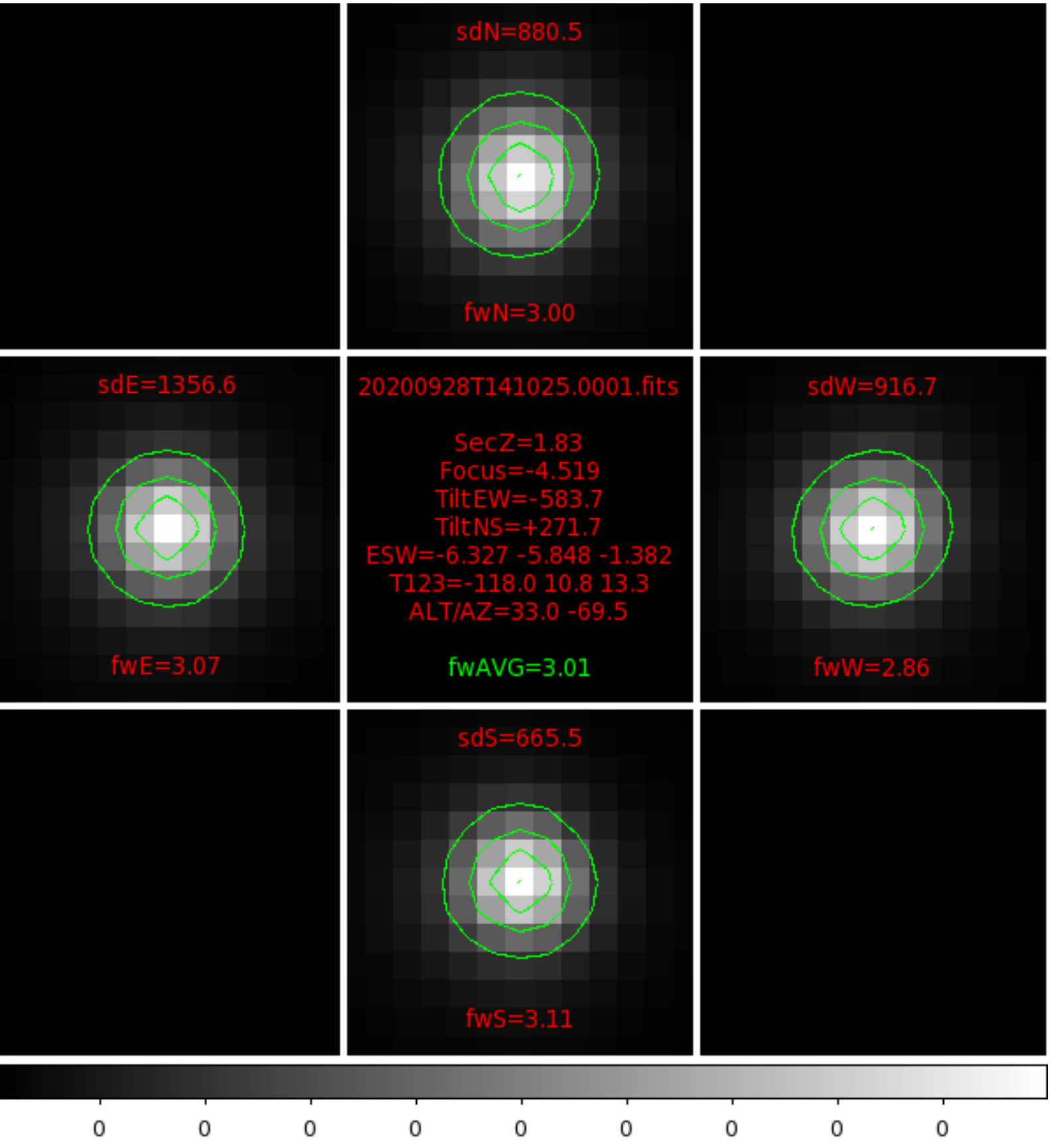
sdN=880.5
fwN=3.00
sdE=1356.6
fwE=3.07
20200928T141025.0001.fits
SecZ=1.83
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-118.0 10.8 13.3
ALT/AZ=33.0 -69.5
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sdW=916.7
fwW=2.86
sdS=665.5
fwS=3.11
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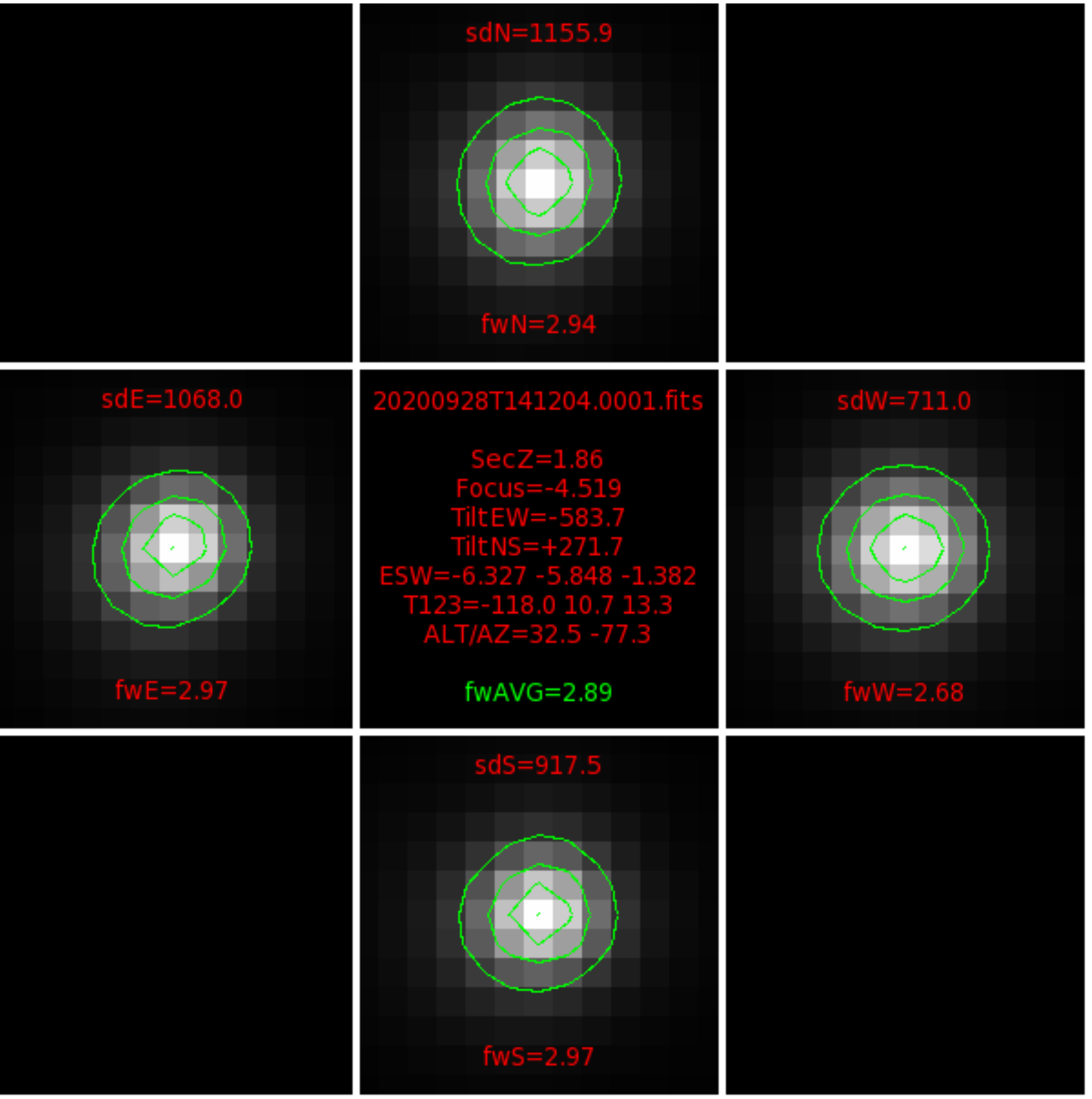
sdN=1155.9
fwN=2.94
sdE=1068.0
fwE=2.97
20200928T141204.0001.fits
SecZ=1.86
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-118.0 10.7 13.3
ALT/AZ=32.5 -77.3
fwAVG=2.89
sdW=711.0
fwW=2.68
sdS=917.5
fwS=2.97
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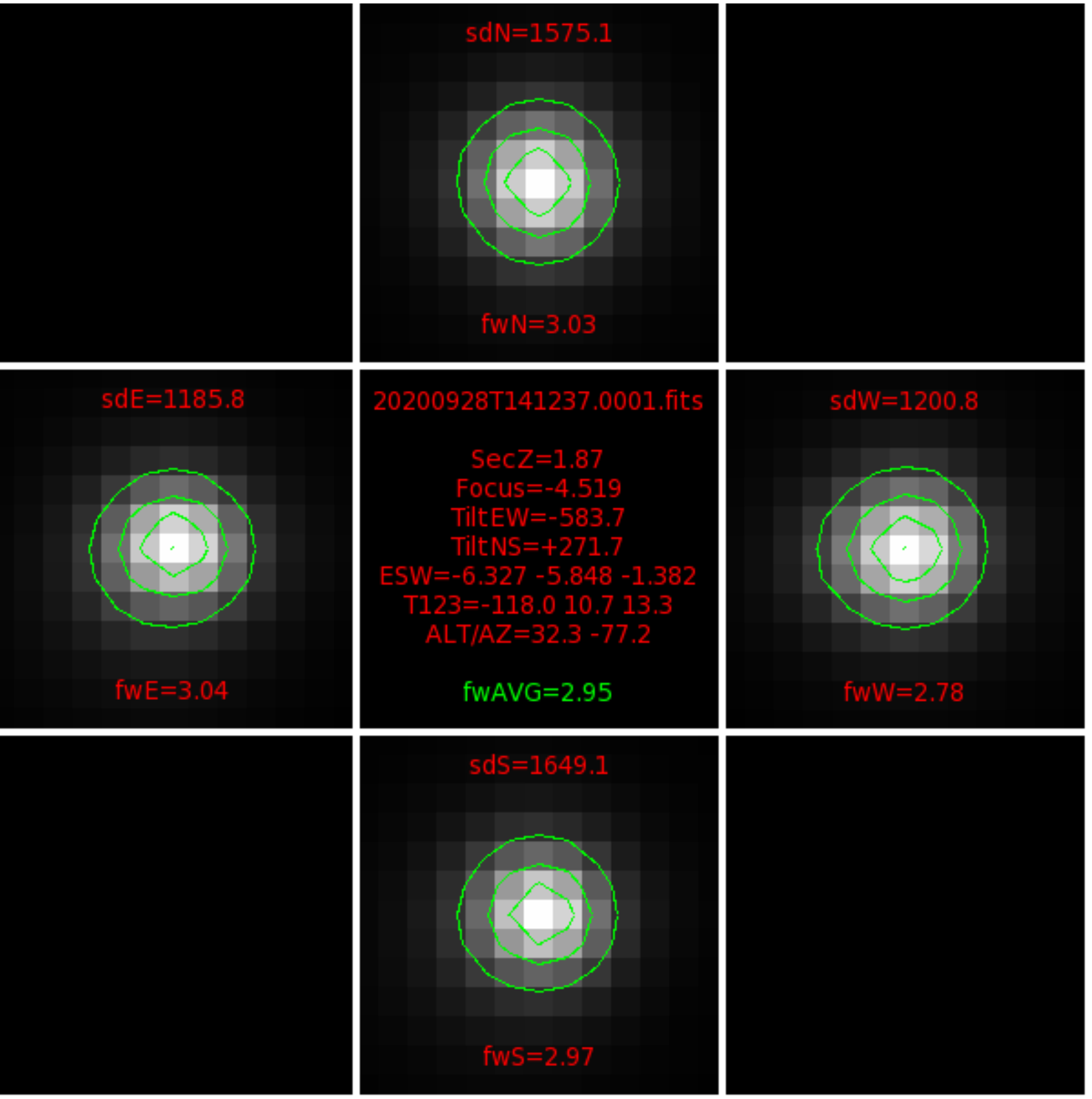
sdN=1575.1
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sdE=1185.8
fwE=3.04
20200928T141237.0001.fits
SecZ=1.87
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-118.0 10.7 13.3
ALT/AZ=32.3 -77.2
fwAVG=2.95
sdW=1200.8
fwW=2.78
sdS=1649.1
fwS=2.97
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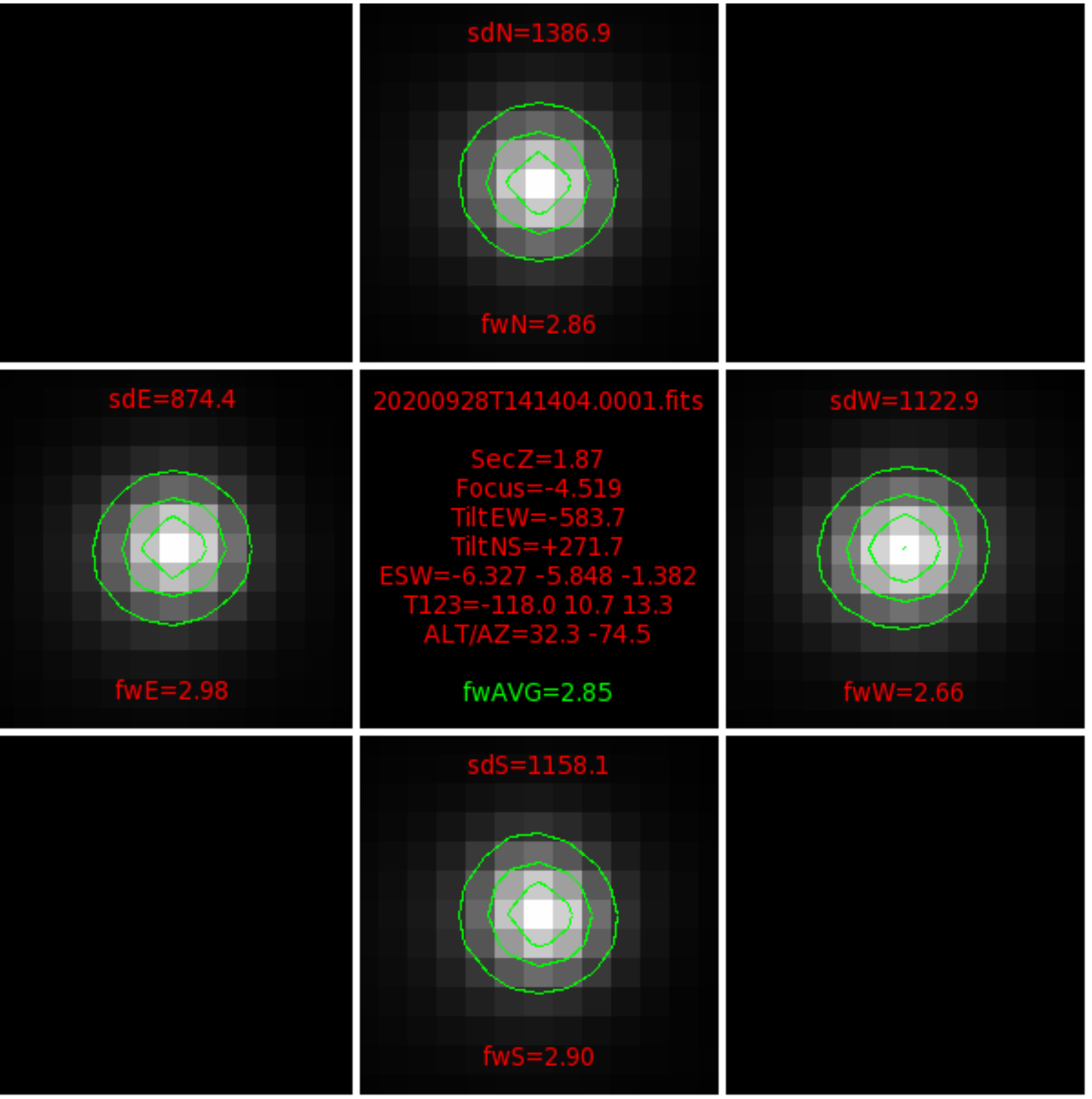
sdN=1386.9
fwN=2.86
sdE=874.4
fwE=2.98
20200928T141404.0001.fits
SecZ=1.87
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-118.0 10.7 13.3
ALT/AZ=32.3 -74.5
fwAVG=2.85
sdW=1122.9
fwW=2.66
sdS=1158.1
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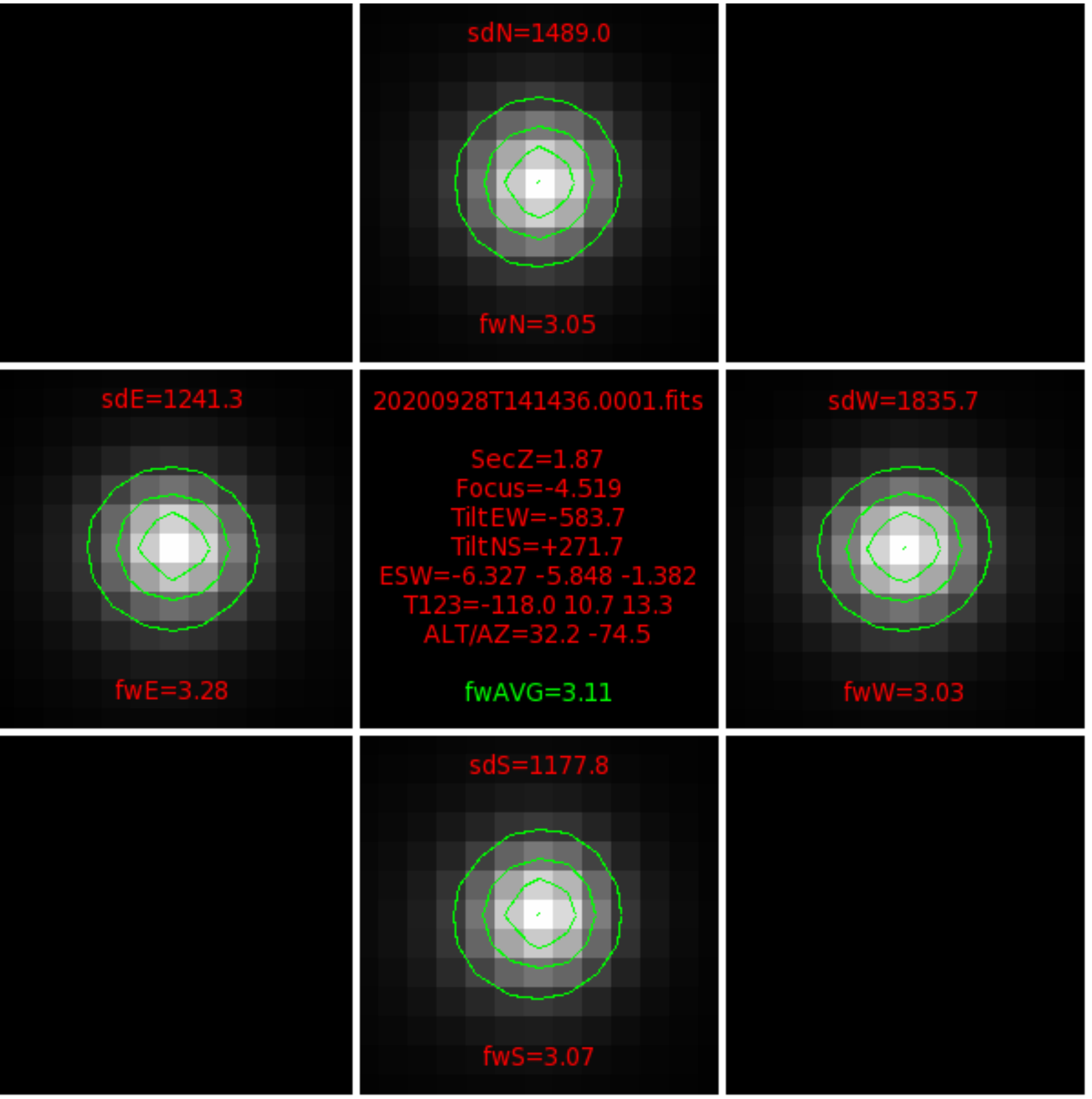
sdN=1489.0
fwN=3.05
sdE=1241.3
fwE=3.28
20200928T141436.0001.fits
SecZ=1.87
Focus=-4.519
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.327 -5.848 -1.382
T123=-118.0 10.7 13.3
ALT/AZ=32.2 -74.5
fwAVG=3.11
sdW=1835.7
fwW=3.03
sdS=1177.8
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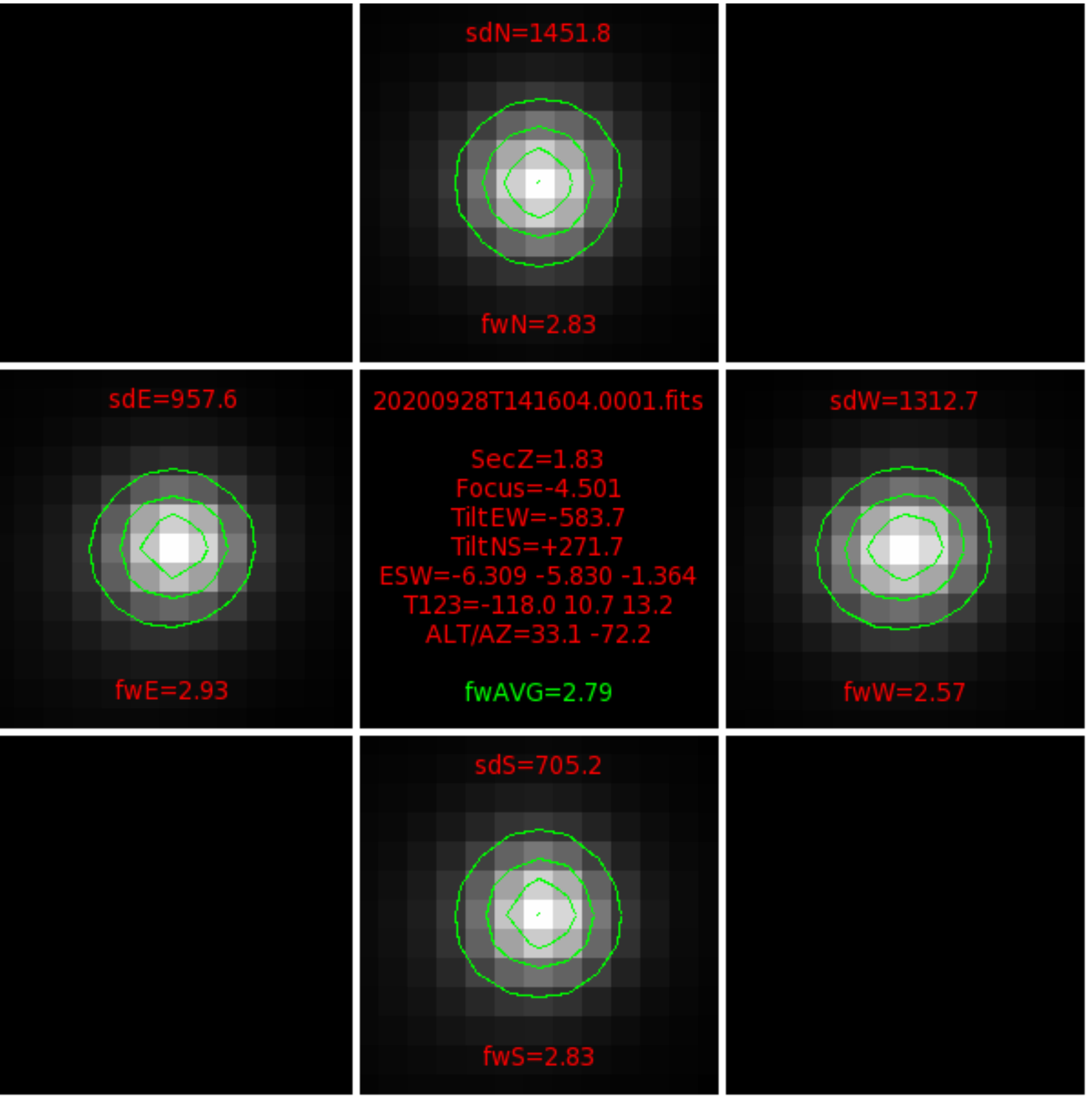
sdN=1451.8
fwN=2.83
sdE=957.6
fwE=2.93
20200928T141604.0001.fits
SecZ=1.83
Focus=-4.501
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.309 -5.830 -1.364
T123=-118.0 10.7 13.2
ALT/AZ=33.1 -72.2
fwAVG=2.79
sdW=1312.7
fwW=2.57
sdS=705.2
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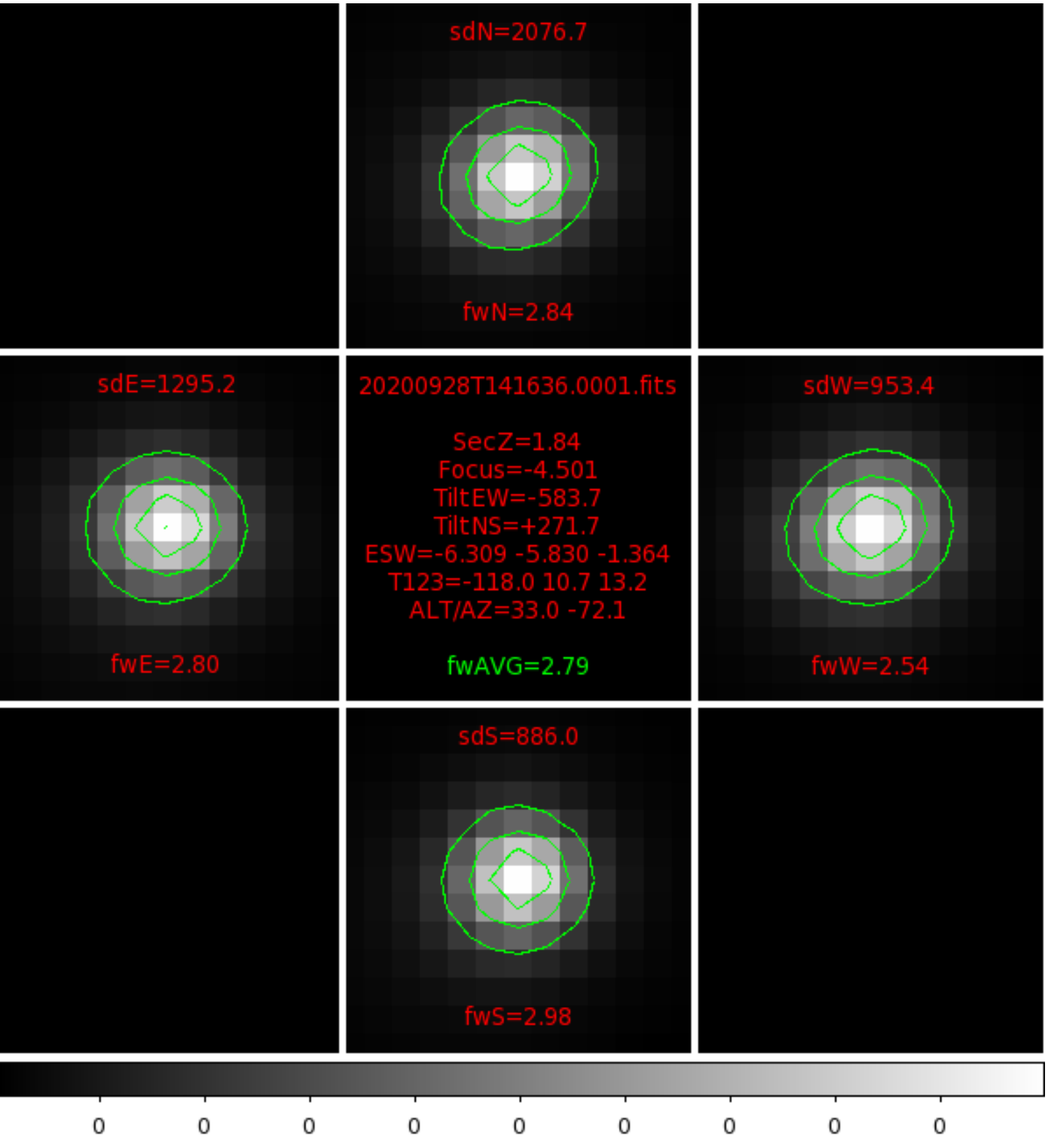
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sdE=1295.2
fwE=2.80
20200928T141636.0001.fits
SecZ=1.84
Focus=-4.501
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.309 -5.830 -1.364
T123=-118.0 10.7 13.2
ALT/AZ=33.0 -72.1
fwAVG=2.79
sdW=953.4
fwW=2.54
sdS=886.0
fwS=2.98
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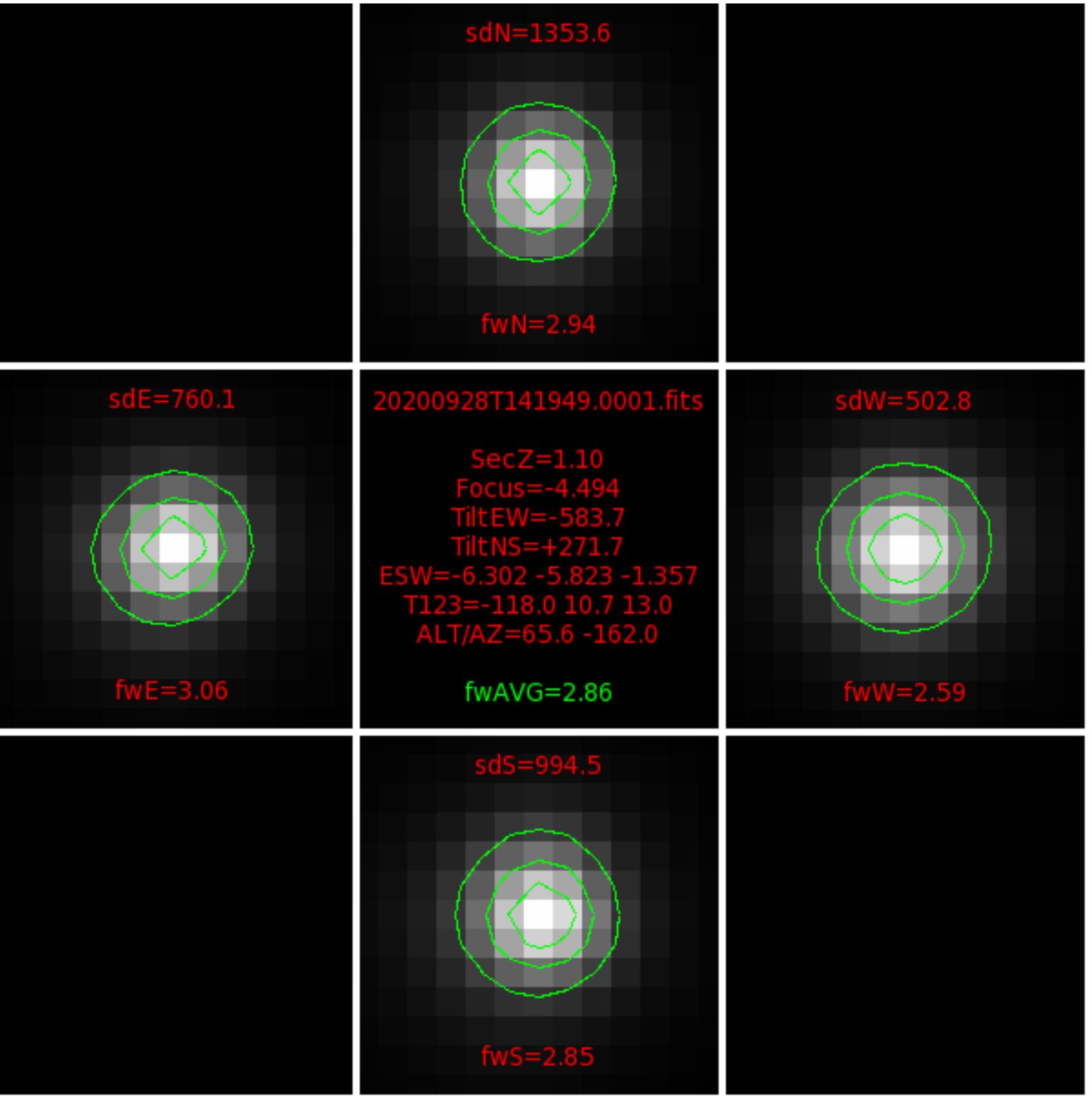
sdN=1353.6
fwN=2.94
sdE=760.1
fwE=3.06
20200928T141949.0001.fits
SecZ=1.10
Focus=-4.494
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.302 -5.823 -1.357
T123=-118.0 10.7 13.0
ALT/AZ=65.6 -162.0
fwAVG=2.86
sdW=502.8
fwW=2.59
sdS=994.5
fwS=2.85
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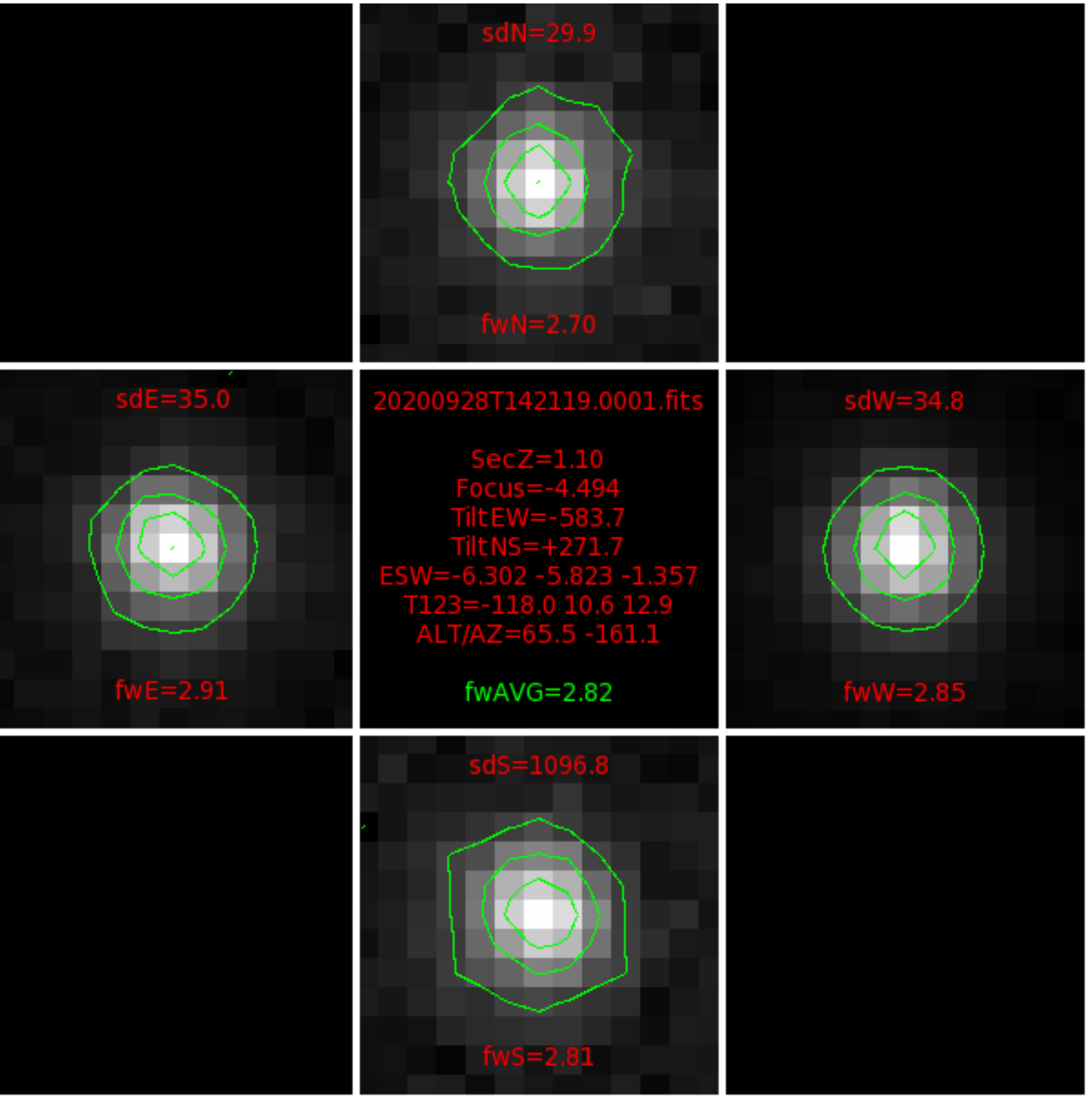
sdN=29.9
fwN=2.70
sdE=35.0
fwE=2.91
20200928T142119.0001.fits
SecZ=1.10
Focus=-4.494
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.302 -5.823 -1.357
T123=-118.0 10.6 12.9
ALT/AZ=65.5 -161.1
fwAVG=2.82
sdW=34.8
fwW=2.85
sdS=1096.8
fwS=2.81
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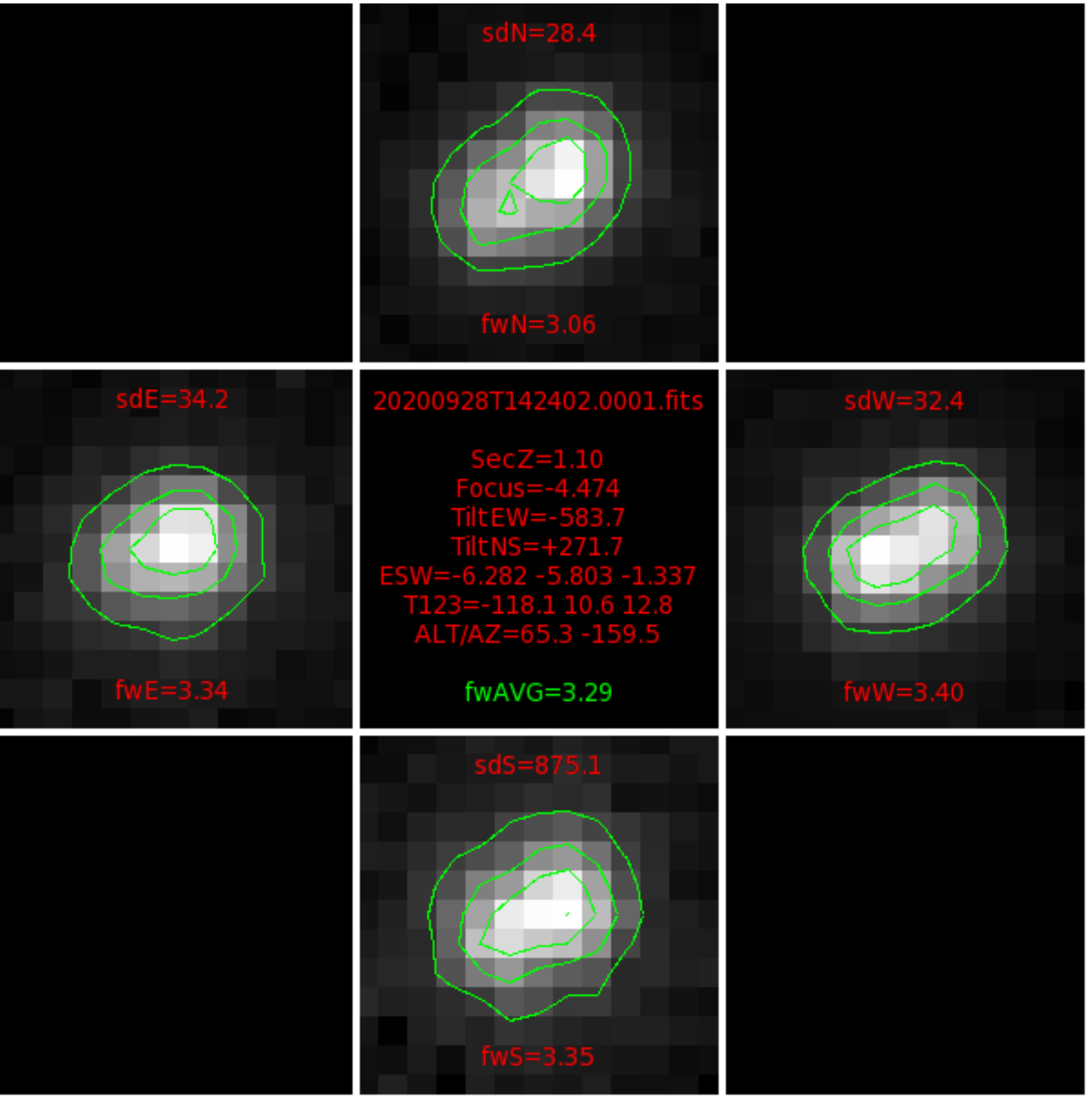
sdN=28.4
fwN=3.06
sdE=34.2
fwE=3.34
20200928T142402.0001.fits
SecZ=1.10
Focus=-4.474
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.282 -5.803 -1.337
T123=-118.1 10.6 12.8
ALT/AZ=65.3 -159.5
fwAVG=3.29
sdW=32.4
fwW=3.40
sdS=875.1
fwS=3.35
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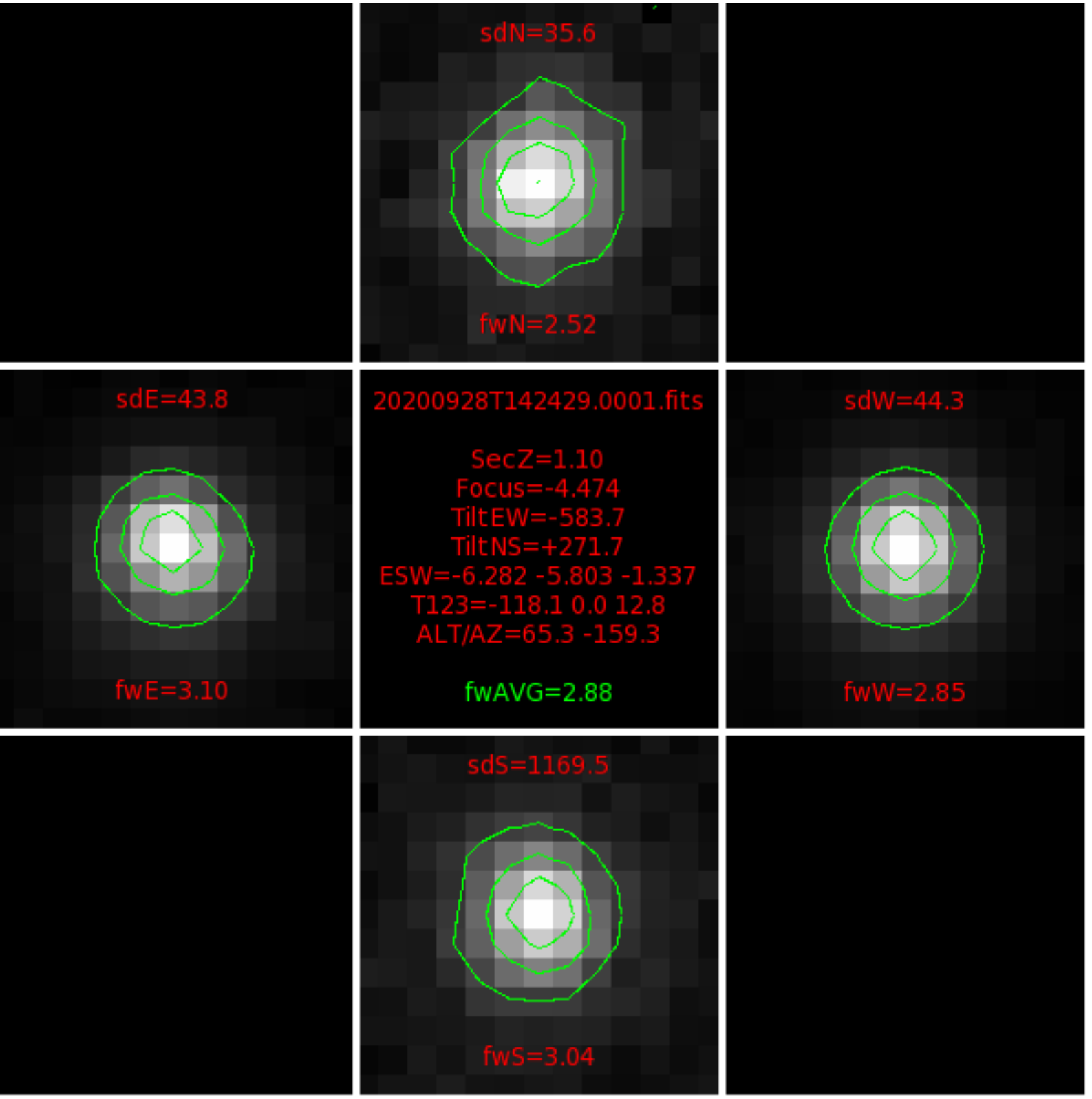
sdN=35.6
fwN=2.52
sdE=43.8
fwE=3.10
20200928T142429.0001.fits
SecZ=1.10
Focus=-4.474
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.282 -5.803 -1.337
T123=-118.1 0.0 12.8
ALT/AZ=65.3 -159.3
fwAVG=2.88
sdW=44.3
fwW=2.85
sdS=1169.5
fwS=3.04
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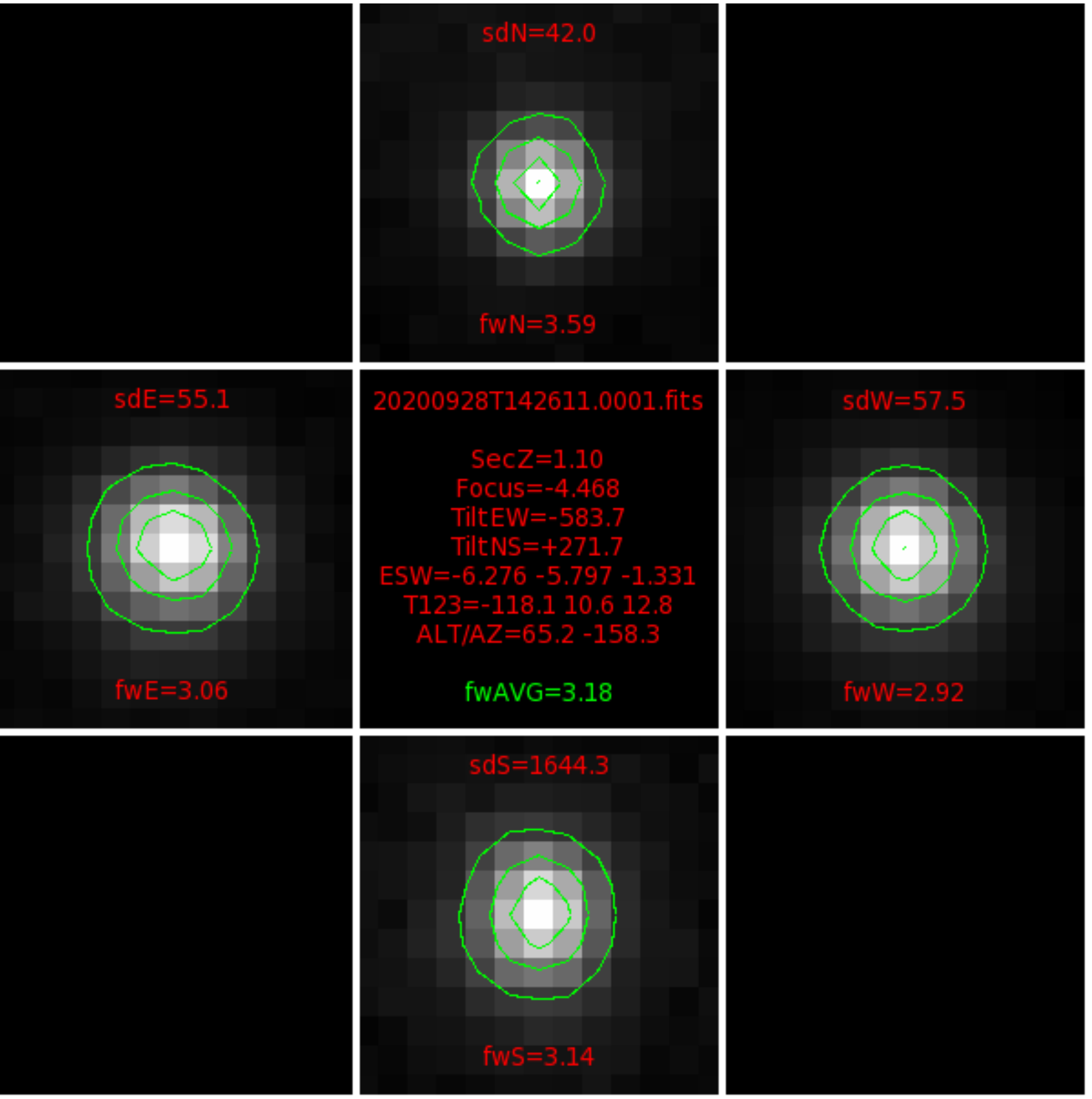
sdN=42.0
fwN=3.59
sdE=55.1
fwE=3.06
20200928T142611.0001.fits
SecZ=1.10
Focus=-4.468
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.276 -5.797 -1.331
T123=-118.1 10.6 12.8
ALT/AZ=65.2 -158.3
fwAVG=3.18
sdW=57.5
fwW=2.92
sdS=1644.3
fwS=3.14
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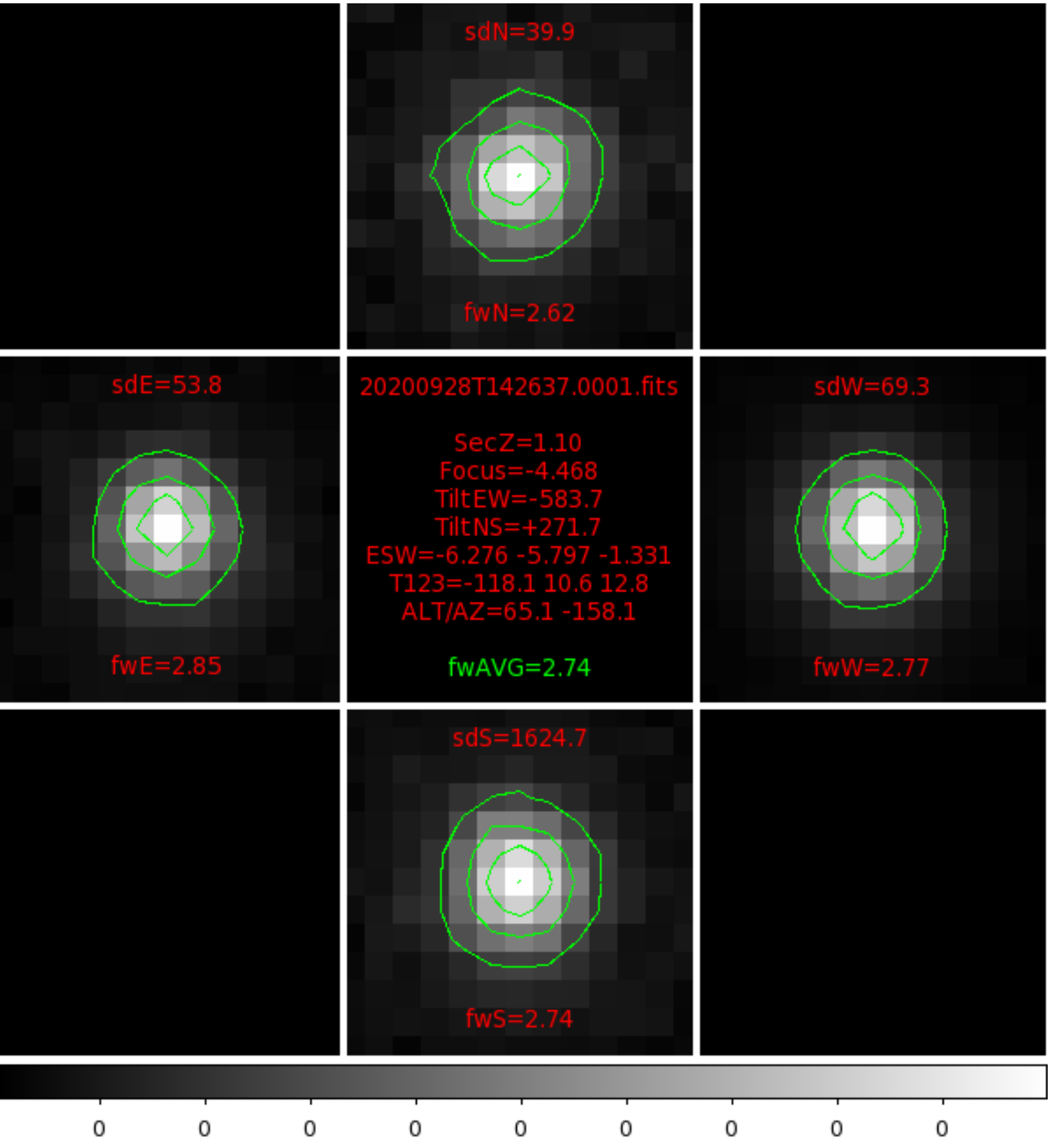
sdN=39.9
fwN=2.62
sdE=53.8
fwE=2.85
20200928T142637.0001.fits
SecZ=1.10
Focus=-4.468
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.276 -5.797 -1.331
T123=-118.1 10.6 12.8
ALT/AZ=65.1 -158.1
fwAVG=2.74
sdW=69.3
fwW=2.77
sdS=1624.7
fwS=2.74
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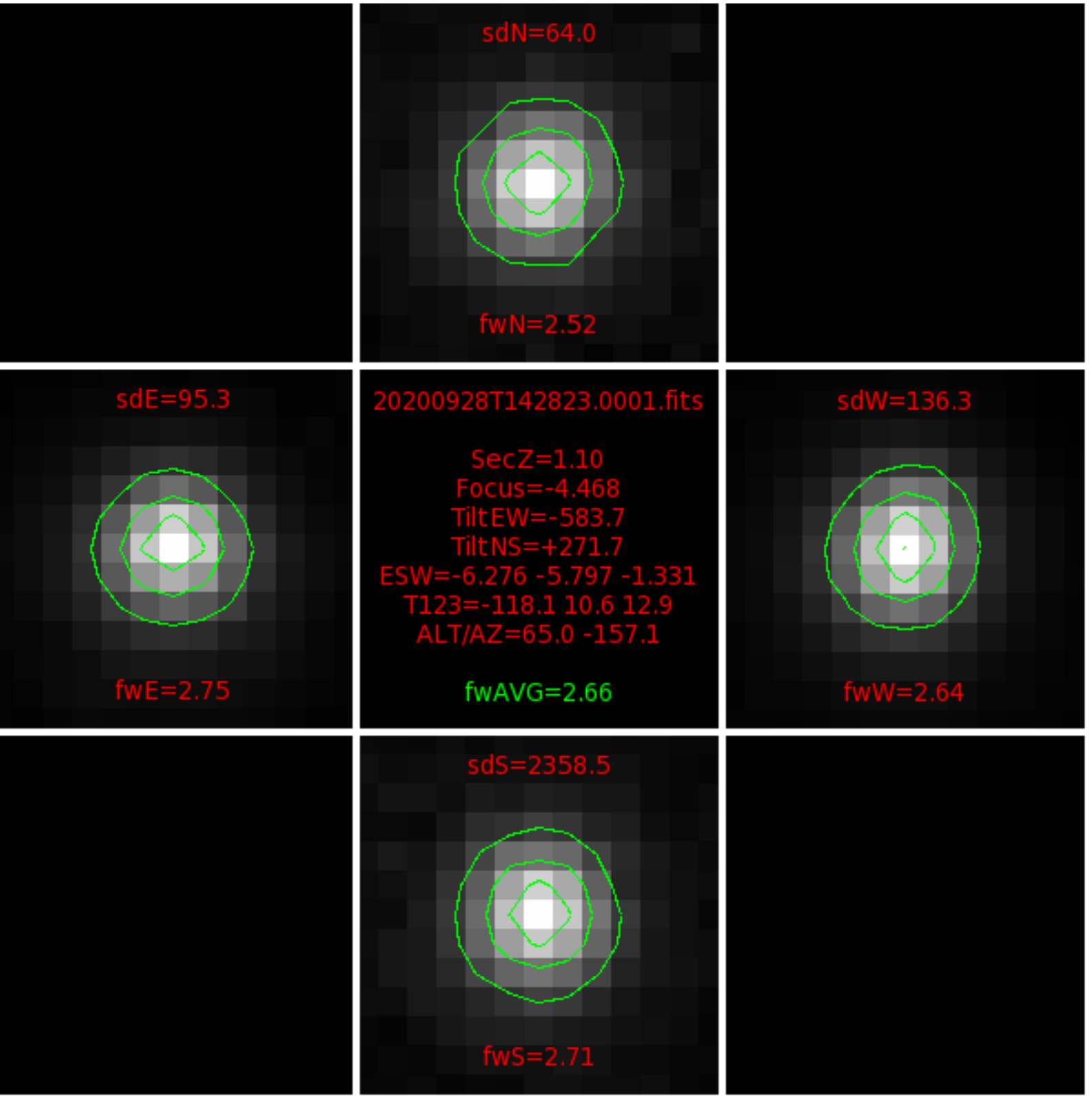
sdN=64.0
fwN=2.52
sdE=95.3
fwE=2.75
20200928T142823.0001.fits
SecZ=1.10
Focus=-4.468
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.276 -5.797 -1.331
T123=-118.1 10.6 12.9
ALT/AZ=65.0 -157.1
fwAVG=2.66
sdW=136.3
fwW=2.64
sdS=2358.5
fwS=2.71
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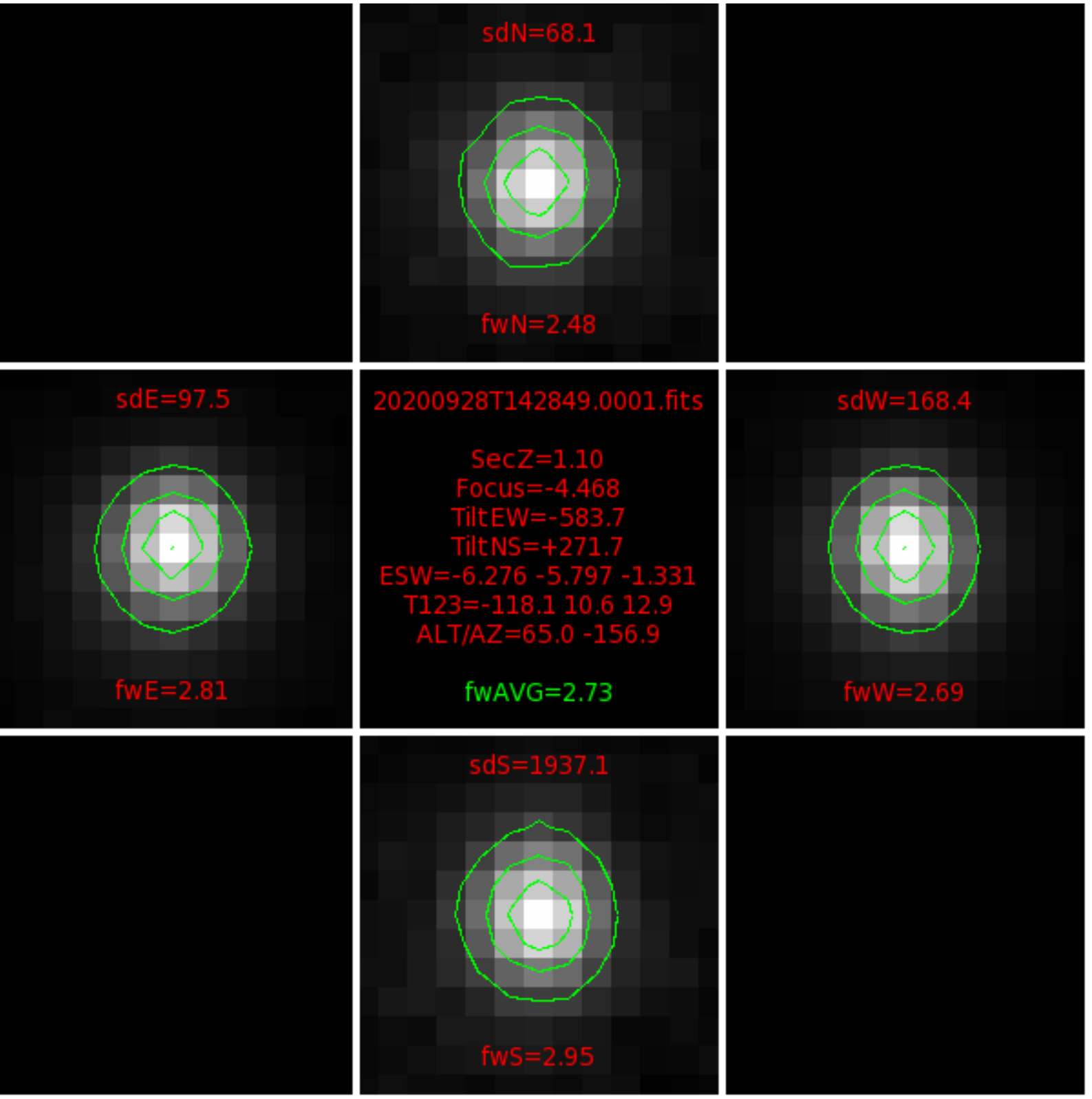
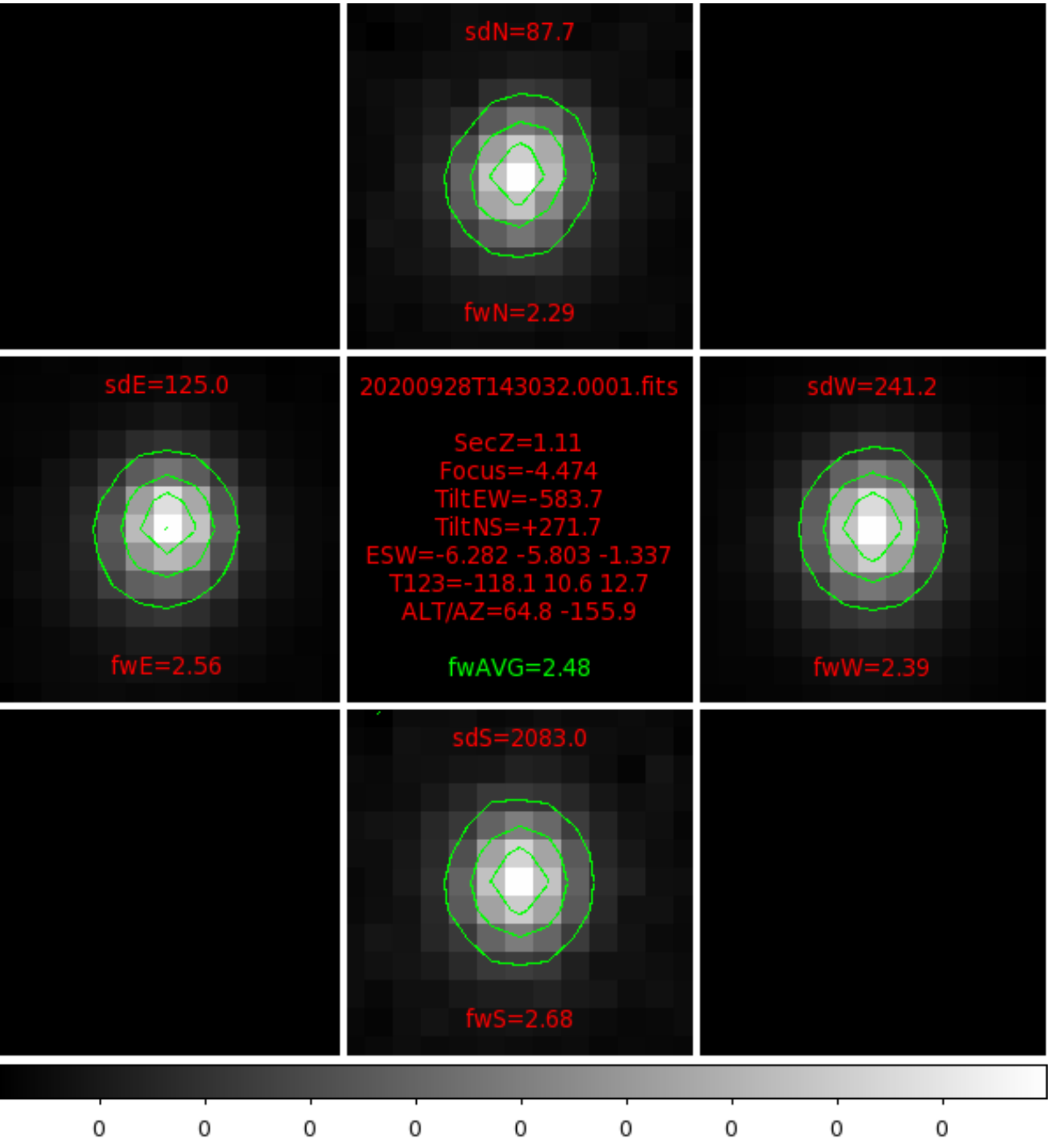

sdN=68.1
fwN=2.48
sdE=97.5
fwE=2.81
20200928T142849.0001.fits
SecZ=1.10
Focus=-4.468
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.276 -5.797 -1.331
T123=-118.1 10.6 12.9
ALT/AZ=65.0 -156.9
fwAVG=2.73
sdW=168.4
fwW=2.69
sdS=1937.1
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=87.7
fwN=2.29
sdE=125.0
fwE=2.56
20200928T143032.0001.fits
SecZ=1.11
Focus=-4.474
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.282 -5.803 -1.337
T123=-118.1 10.6 12.7
ALT/AZ=64.8 -155.9
fwAVG=2.48
sdW=241.2
fwW=2.39
sdS=2083.0
fwS=2.68
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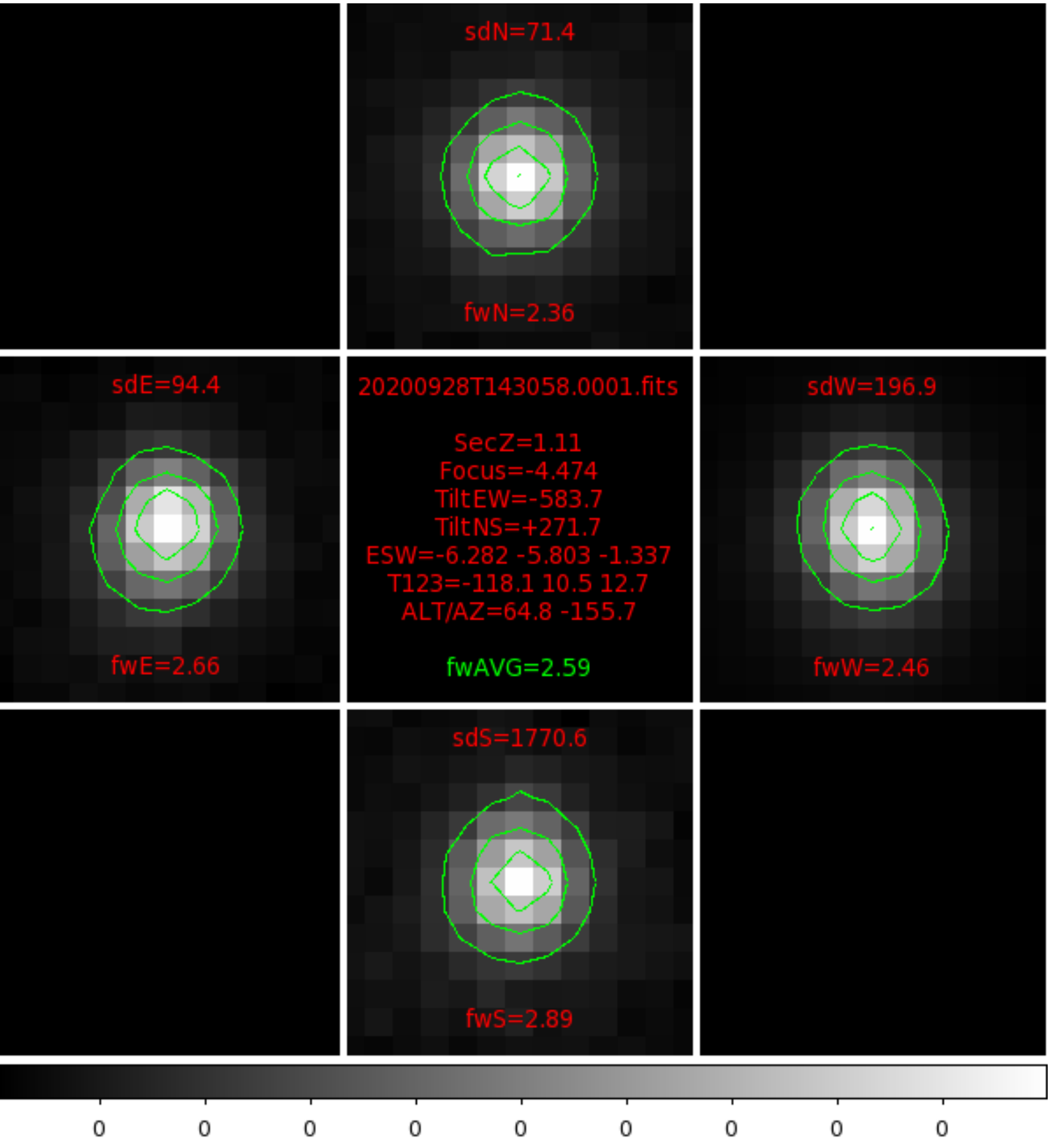
sdN=71.4
fwN=2.36
sdE=94.4
fwE=2.66
20200928T143058.0001.fits
SecZ=1.11
Focus=-4.474
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.282 -5.803 -1.337
T123=-118.1 10.5 12.7
ALT/AZ=64.8 -155.7
fwAVG=2.59
sdW=196.9
fwW=2.46
sdS=1770.6
fwS=2.89
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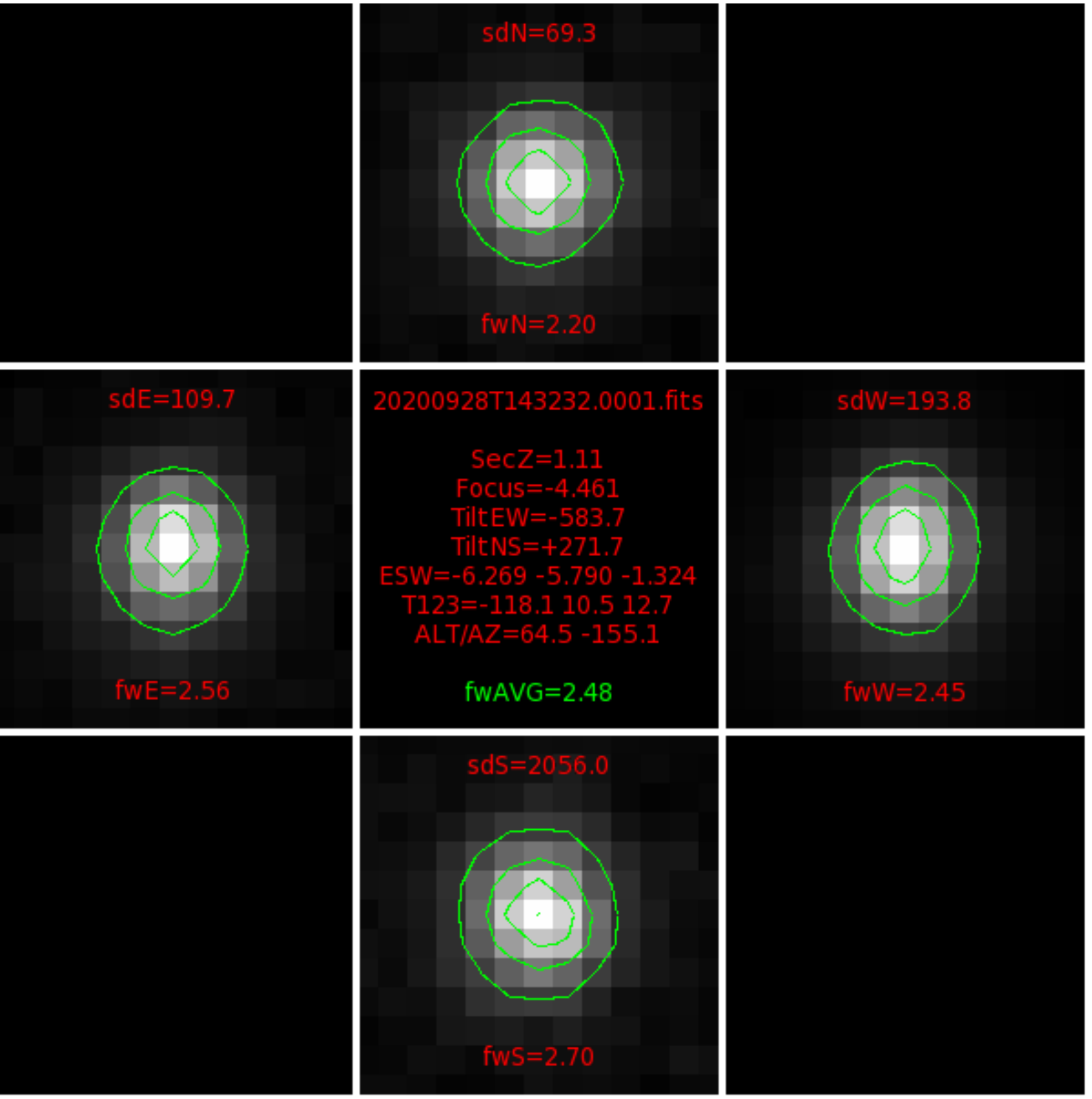
sdN=69.3
fwN=2.20
sdE=109.7
fwE=2.56
20200928T143232.0001.fits
SecZ=1.11
Focus=-4.461
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.269 -5.790 -1.324
T123=-118.1 10.5 12.7
ALT/AZ=64.5 -155.1
fwAVG=2.48
sdW=193.8
fwW=2.45
sdS=2056.0
fwS=2.70
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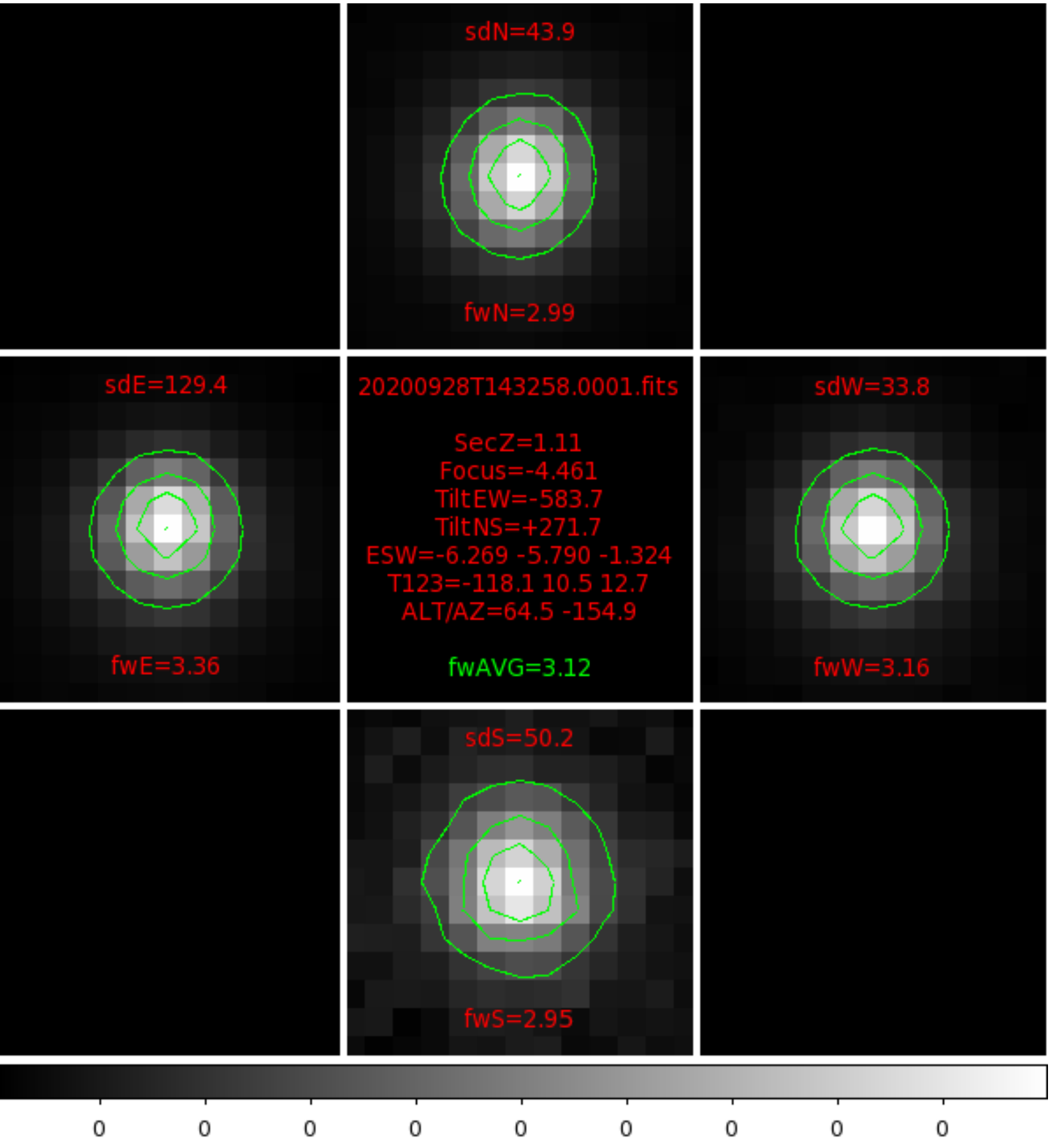
sdN=43.9
fwN=2.99
sdE=129.4
fwE=3.36
20200928T143258.0001.fits
SecZ=1.11
Focus=-4.461
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.269 -5.790 -1.324
T123=-118.1 10.5 12.7
ALT/AZ=64.5 -154.9
fwAVG=3.12
sdW=33.8
fwW=3.16
sdS=50.2
fwS=2.95
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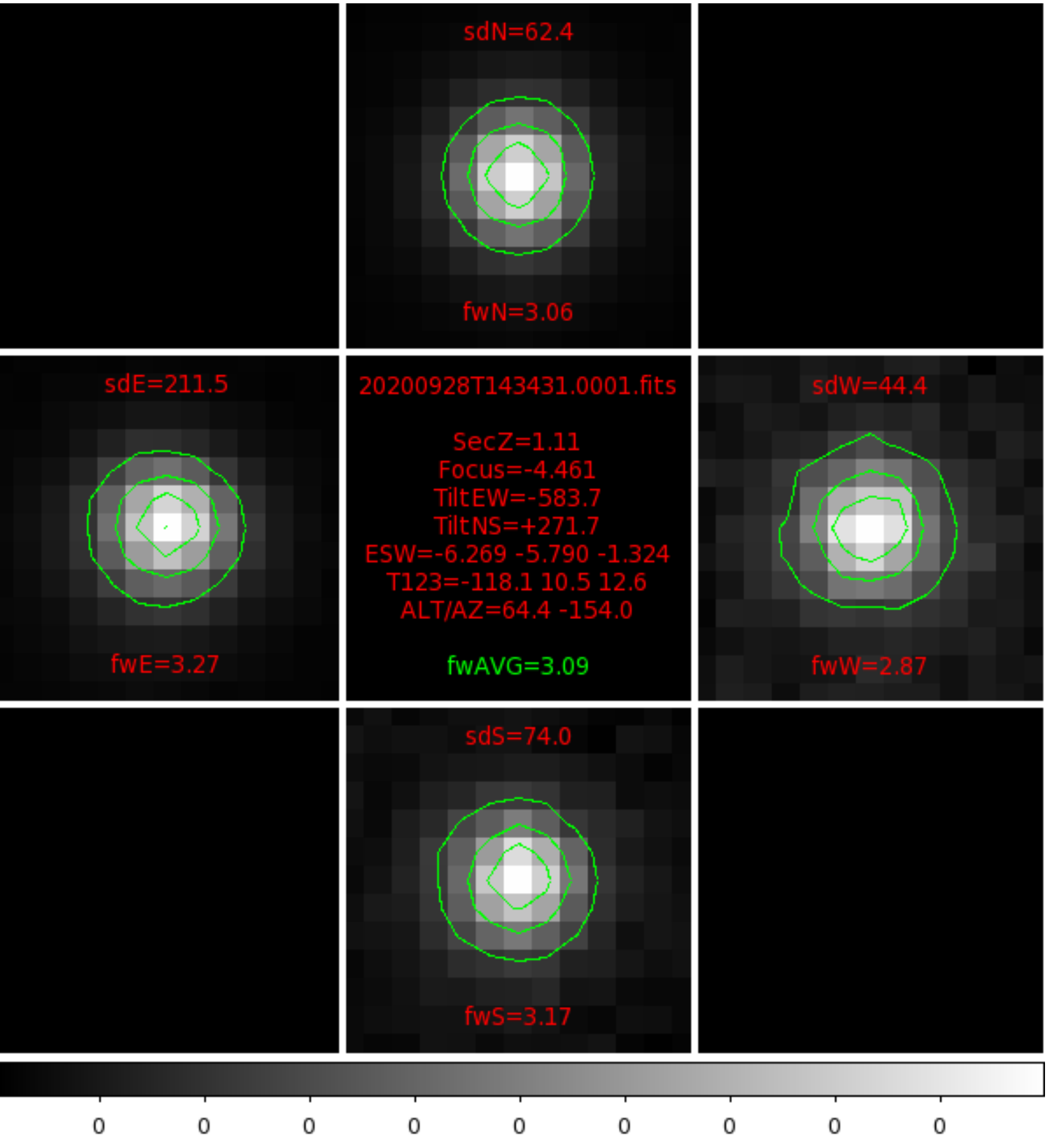
sdN=62.4
fwN=3.06
sdE=211.5
fwE=3.27
20200928T143431.0001.fits
SecZ=1.11
Focus=-4.461
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.269 -5.790 -1.324
T123=-118.1 10.5 12.6
ALT/AZ=64.4 -154.0
fwAVG=3.09
sdW=44.4
fwW=2.87
sdS=74.0
fwS=3.17
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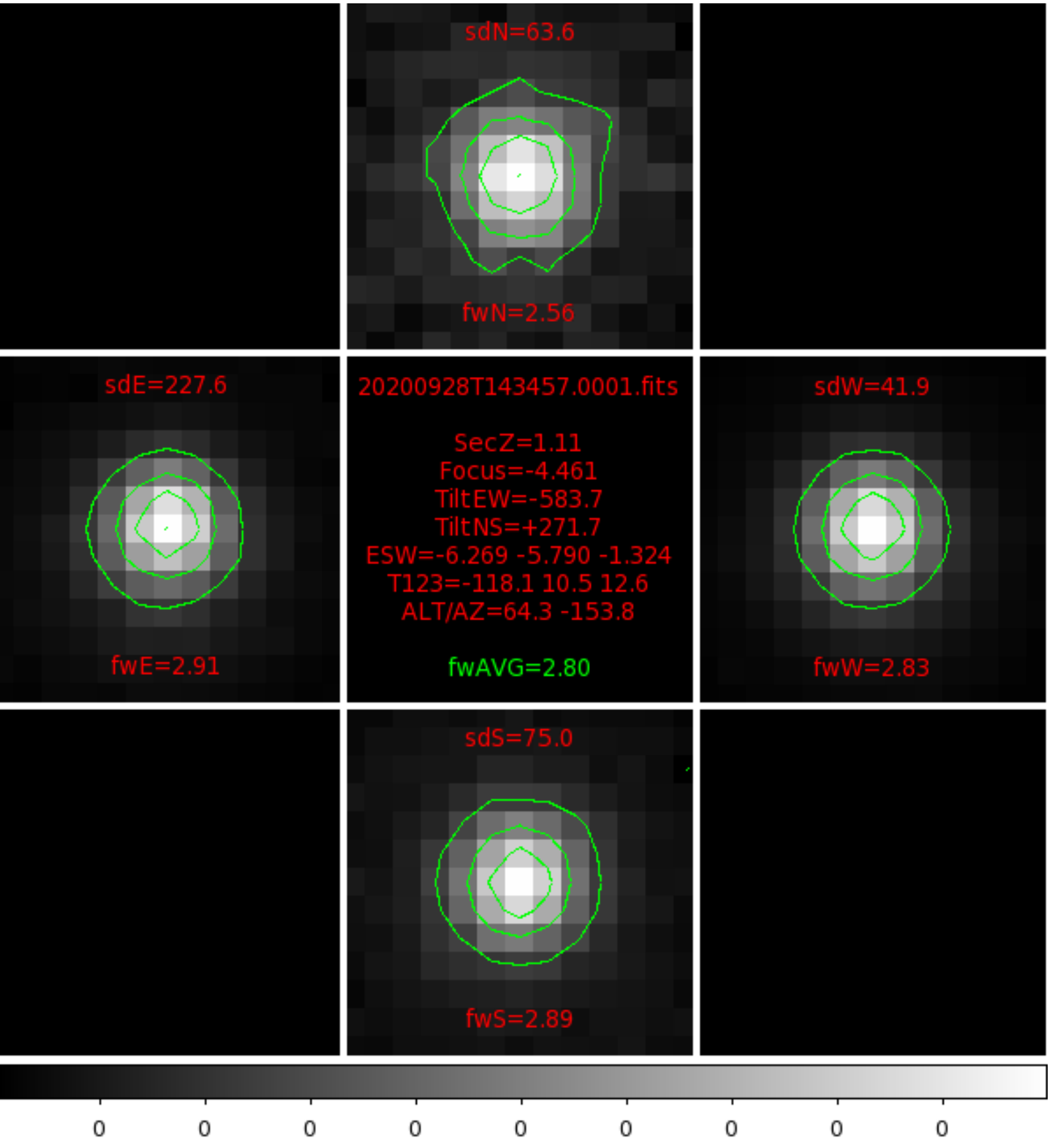
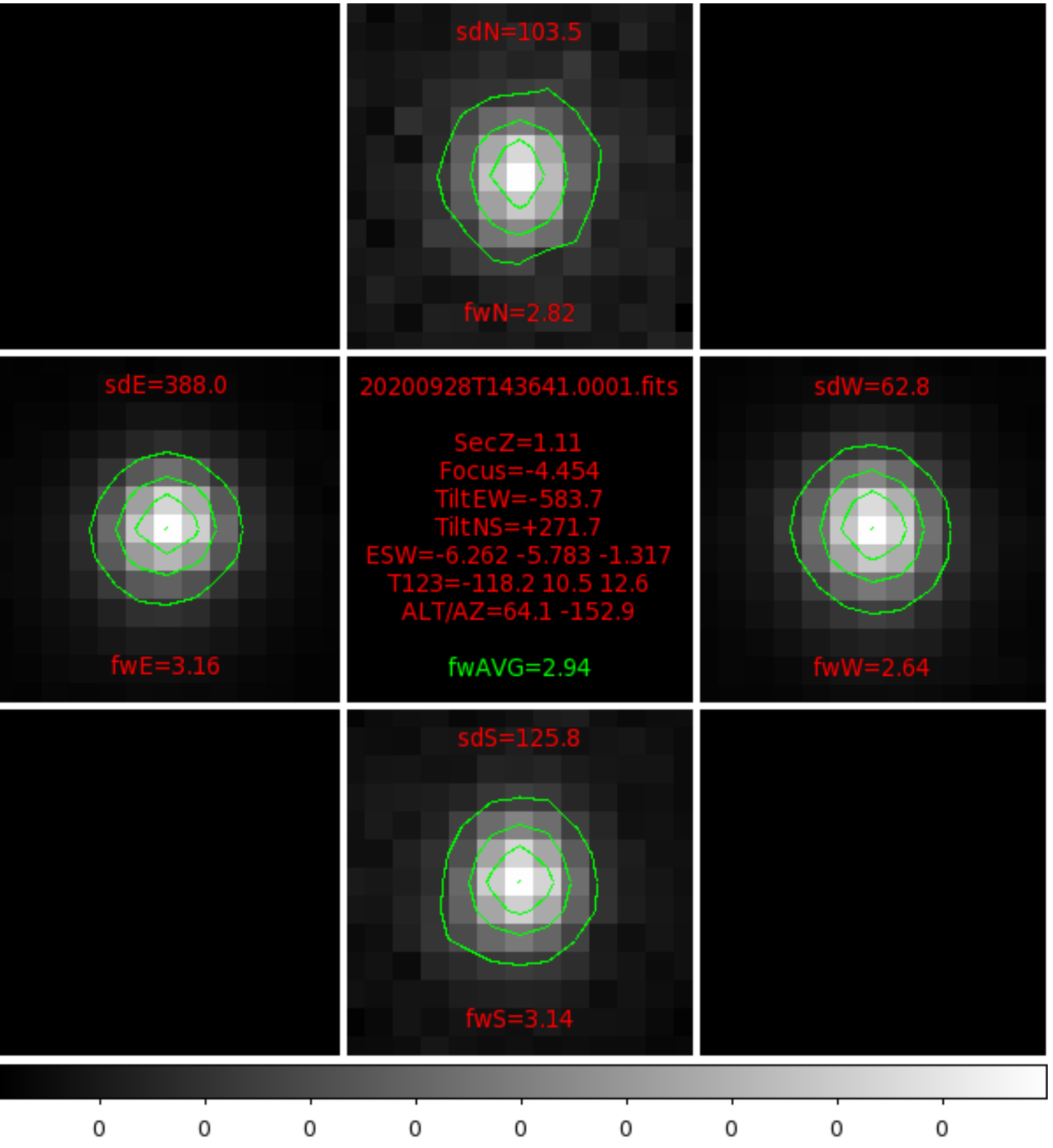

sdN=63.6
fwN=2.56
sdE=227.6
fwE=2.91
20200928T143457.0001.fits
SecZ=1.11
Focus=-4.461
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.269 -5.790 -1.324
T123=-118.1 10.5 12.6
ALT/AZ=64.3 -153.8
fwAVG=2.80
sdW=41.9
fwW=2.83
sdS=75.0
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=103.5
fwN=2.82
sdE=388.0
fwE=3.16
20200928T143641.0001.fits
SecZ=1.11
Focus=-4.454
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.262 -5.783 -1.317
T123=-118.2 10.5 12.6
ALT/AZ=64.1 -152.9
fwAVG=2.94
sdW=62.8
fwW=2.64
sdS=125.8
fwS=3.14
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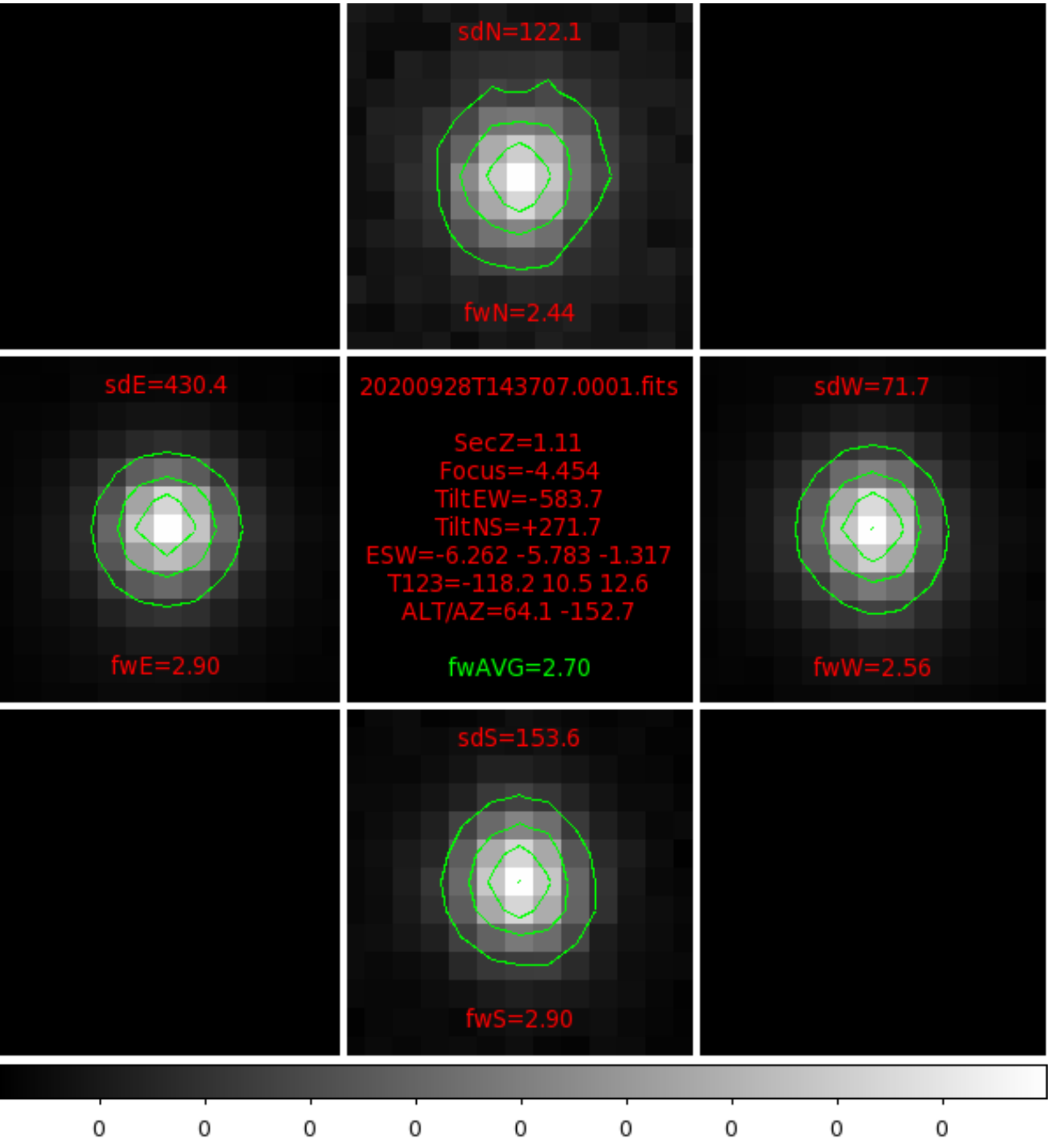
sdN=122.1
fwN=2.44
sdE=430.4
fwE=2.90
20200928T143707.0001.fits
SecZ=1.11
Focus=-4.454
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.262 -5.783 -1.317
T123=-118.2 10.5 12.6
ALT/AZ=64.1 -152.7
fwAVG=2.70
sdW=71.7
fwW=2.56
sdS=153.6
fwS=2.90
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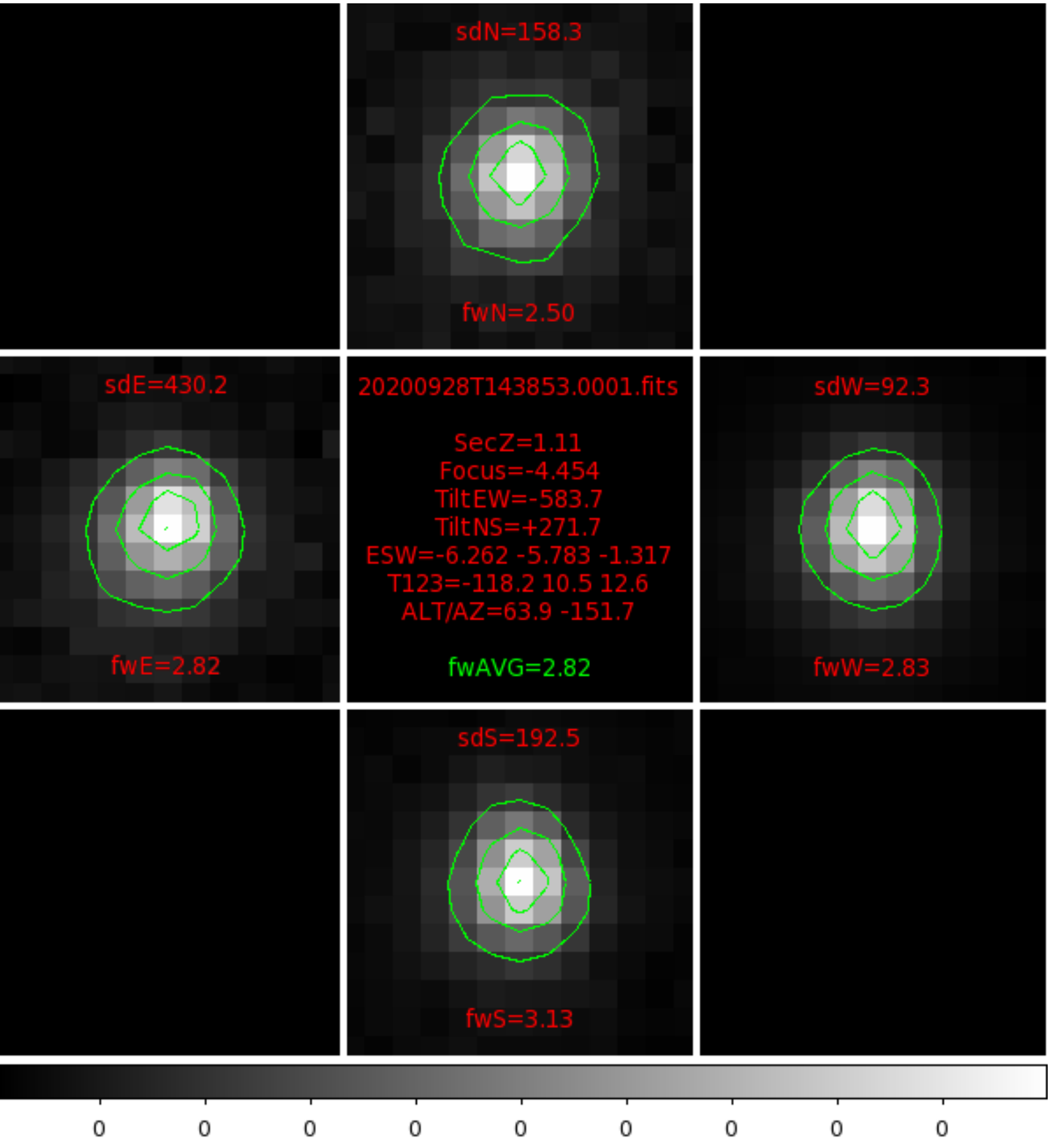
sdN=158.3
fwN=2.50
sdE=430.2
fwE=2.82
20200928T143853.0001.fits
SecZ=1.11
Focus=-4.454
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.262 -5.783 -1.317
T123=-118.2 10.5 12.6
ALT/AZ=63.9 -151.7
fwAVG=2.82
sdW=92.3
fwW=2.83
sdS=192.5
fwS=3.13
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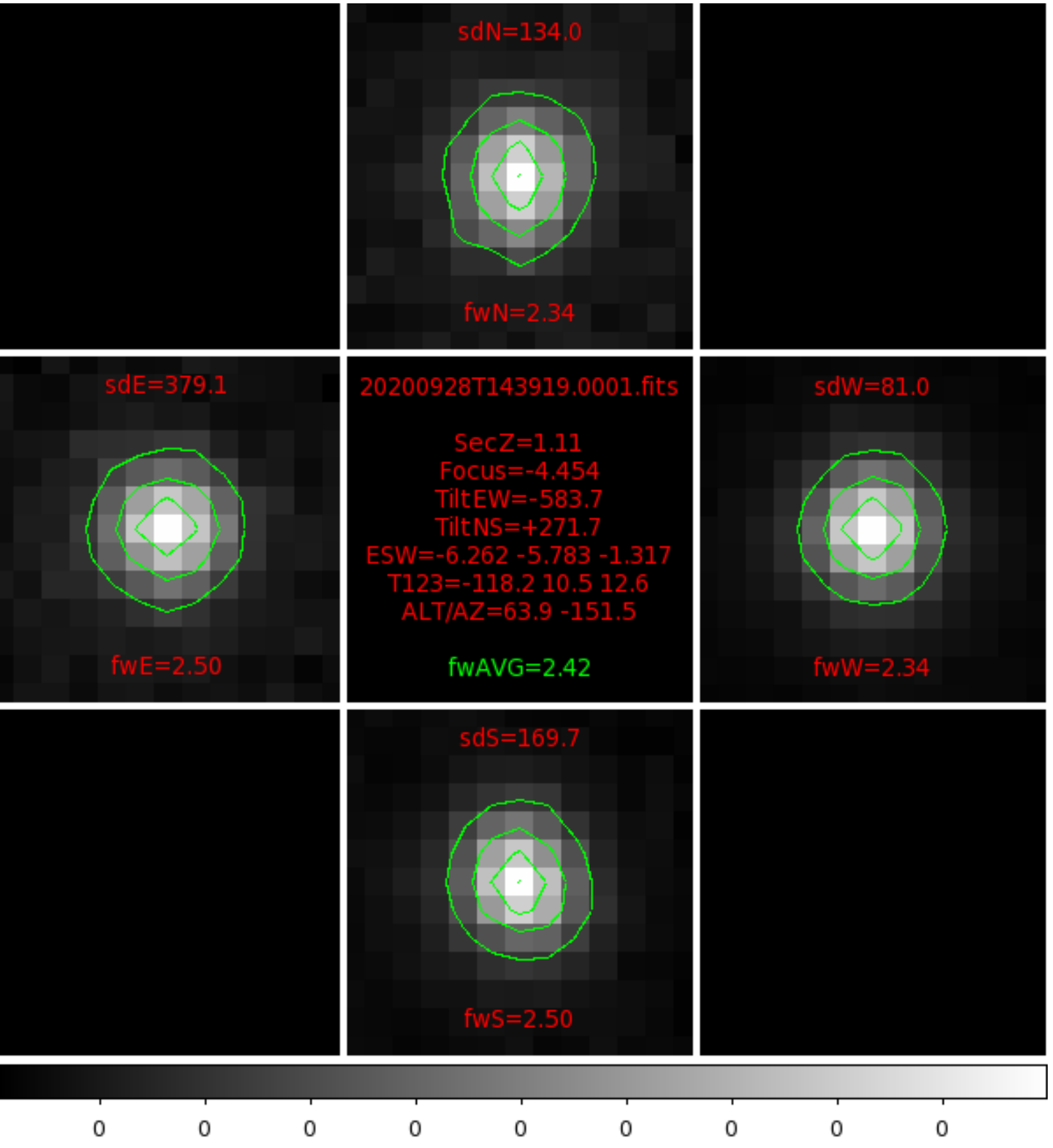
sdN=134.0
fwN=2.34
sdE=379.1
fwE=2.50
20200928T143919.0001.fits
SecZ=1.11
Focus=-4.454
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.262 -5.783 -1.317
T123=-118.2 10.5 12.6
ALT/AZ=63.9 -151.5
fwAVG=2.42
sdW=81.0
fwW=2.34
sdS=169.7
fwS=2.50
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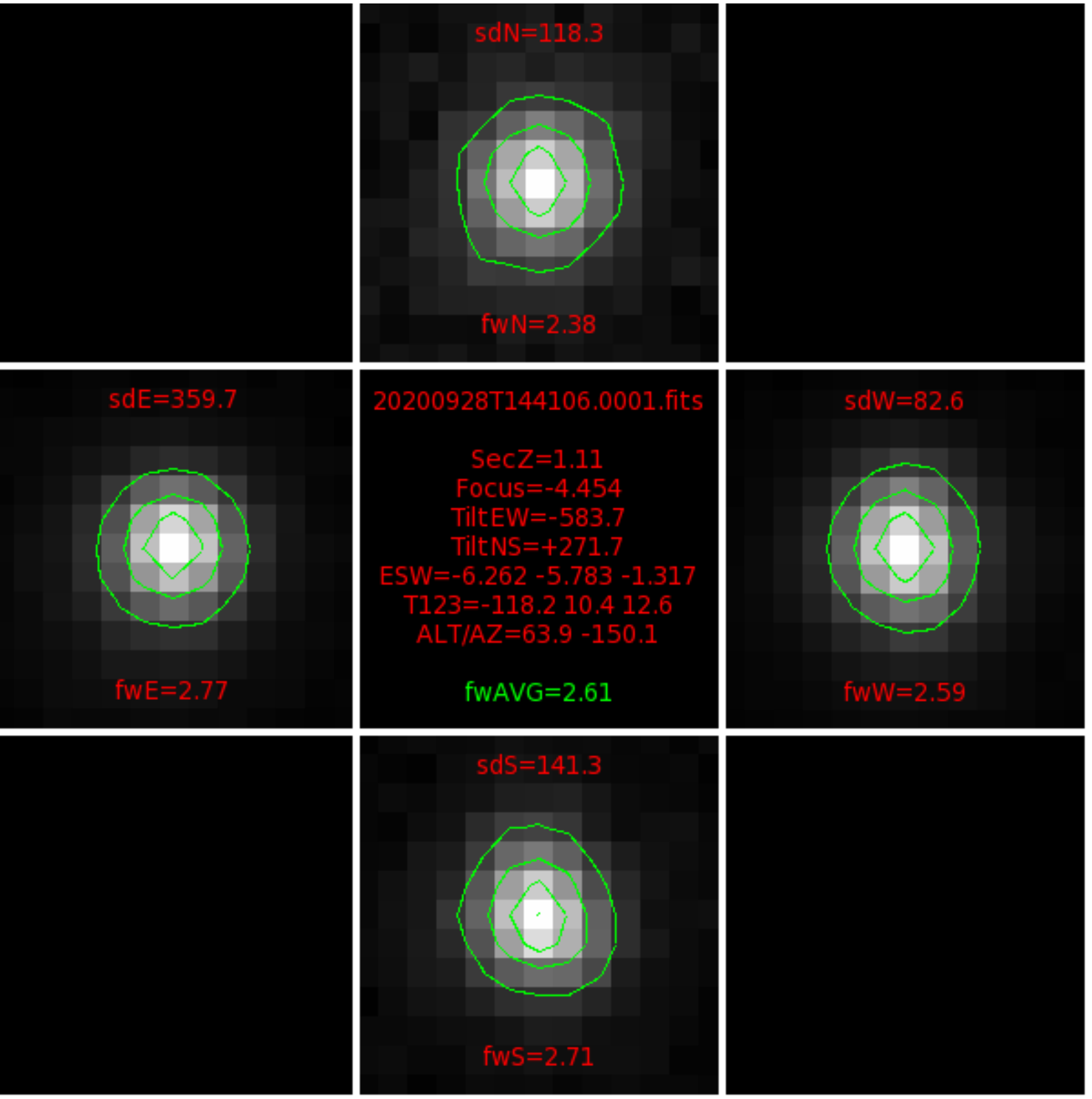
sdN=118.3
fwN=2.38
sdE=359.7
fwE=2.77
20200928T144106.0001.fits
SecZ=1.11
Focus=-4.454
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.262 -5.783 -1.317
T123=-118.2 10.4 12.6
ALT/AZ=63.9 -150.1
fwAVG=2.61
sdW=82.6
fwW=2.59
sdS=141.3
fwS=2.71
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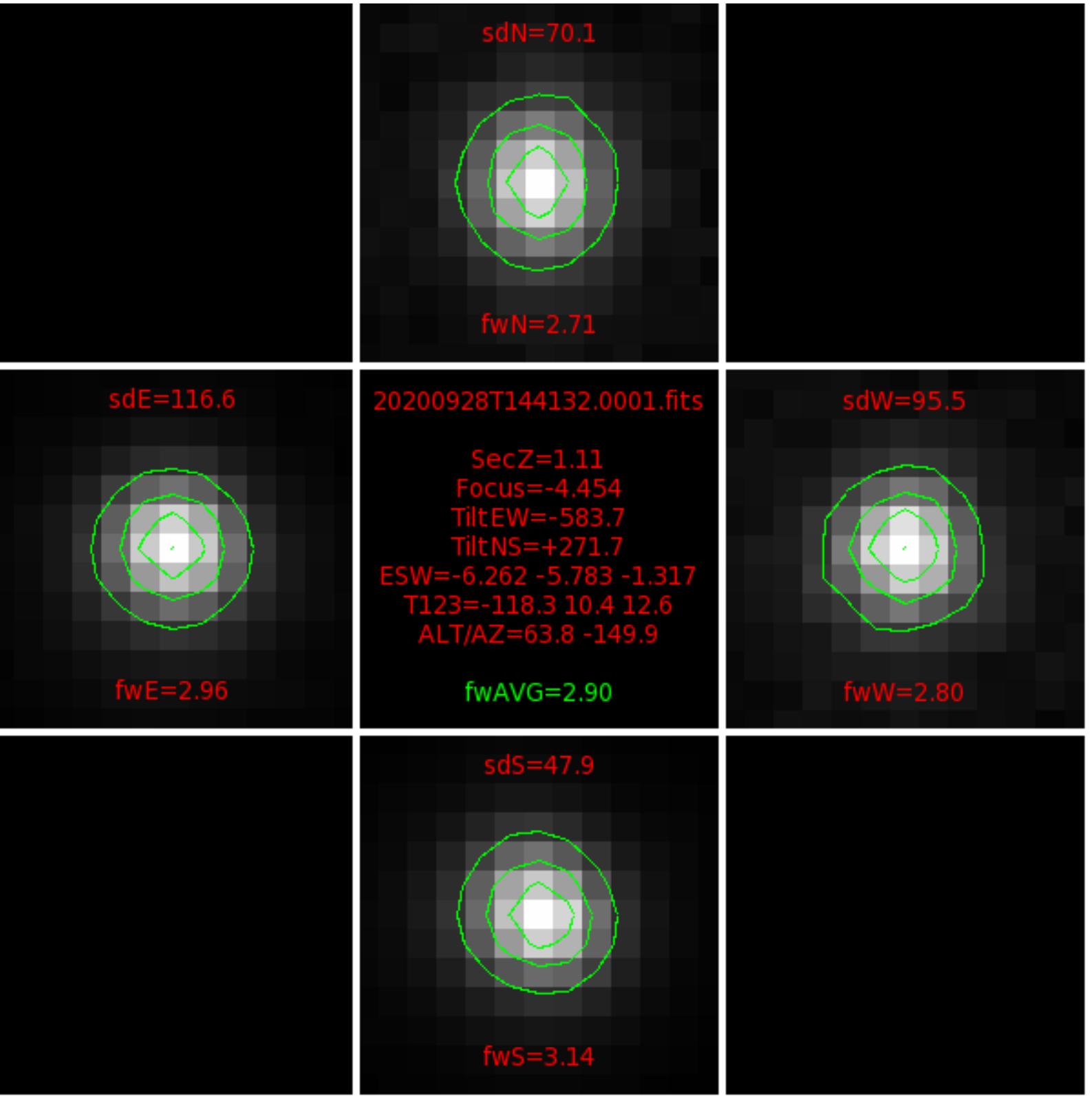
sdN=70.1
fwN=2.71
sdE=116.6
fwE=2.96
20200928T144132.0001.fits
SecZ=1.11
Focus=-4.454
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.262 -5.783 -1.317
T123=-118.3 10.4 12.6
ALT/AZ=63.8 -149.9
fwAVG=2.90
sdW=95.5
fwW=2.80
sdS=47.9
fwS=3.14
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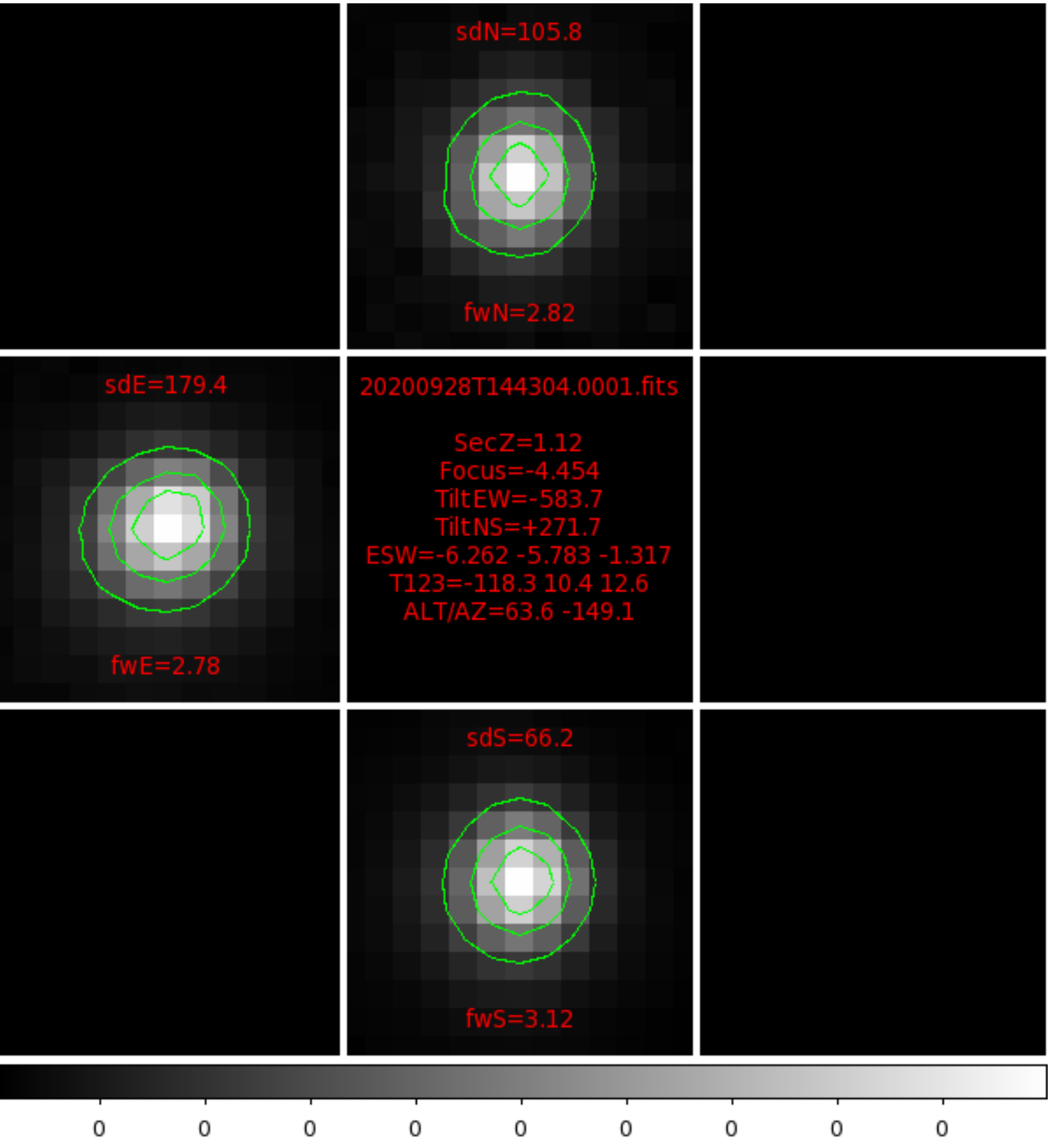
sdN=105.8
fwN=2.82
sdE=179.4
fwE=2.78
20200928T144304.0001.fits
SecZ=1.12
Focus=-4.454
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.262 -5.783 -1.317
T123=-118.3 10.4 12.6
ALT/AZ=63.6 -149.1
sdS=66.2
fwS=3.12
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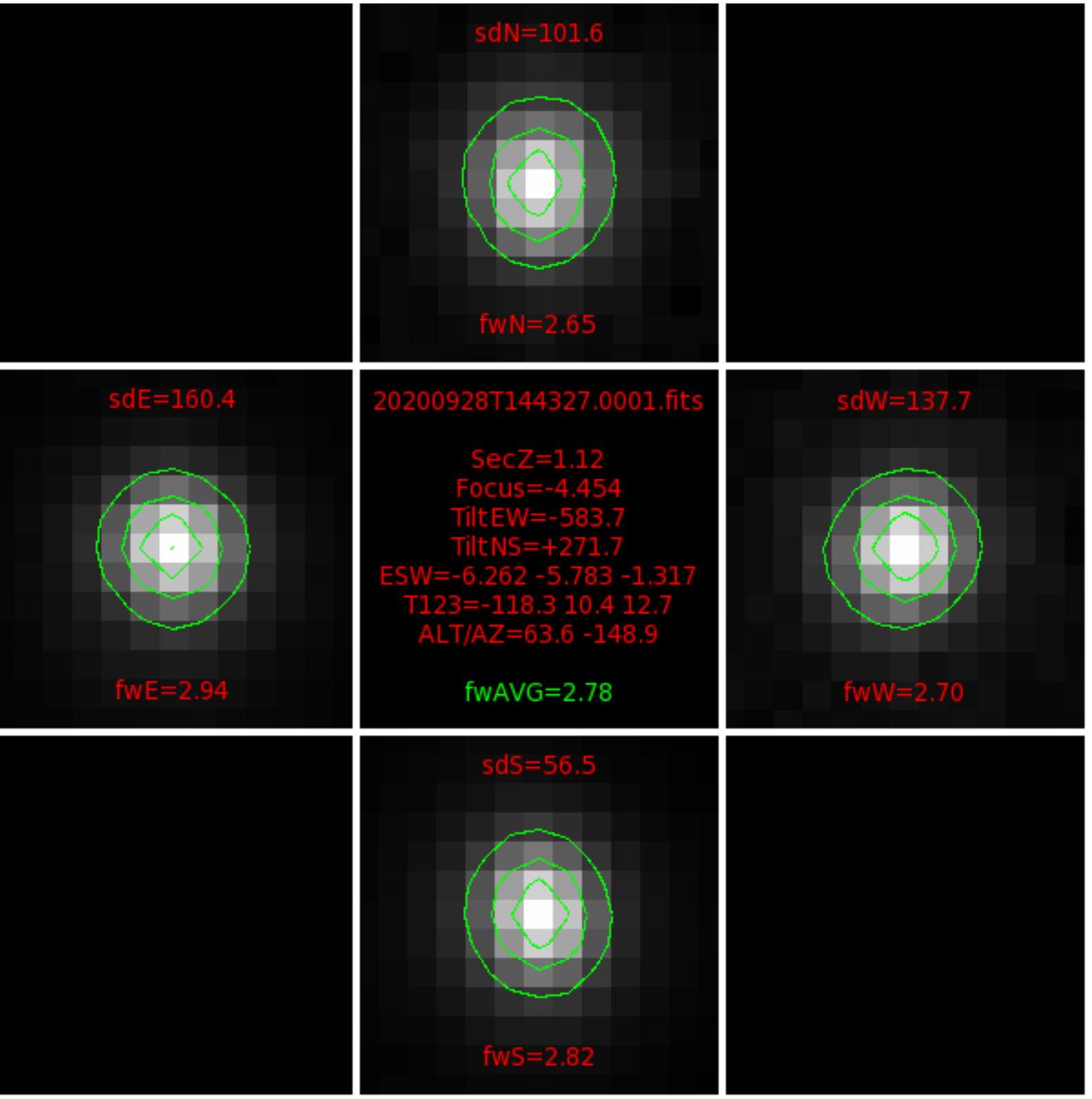
sdN=101.6
fwN=2.65
sdE=160.4
fwE=2.94
20200928T144327.0001.fits
SecZ=1.12
Focus=-4.454
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.262 -5.783 -1.317
T123=-118.3 10.4 12.7
ALT/AZ=63.6 -148.9
fwAVG=2.78
sdW=137.7
fwW=2.70
sdS=56.5
fwS=2.82
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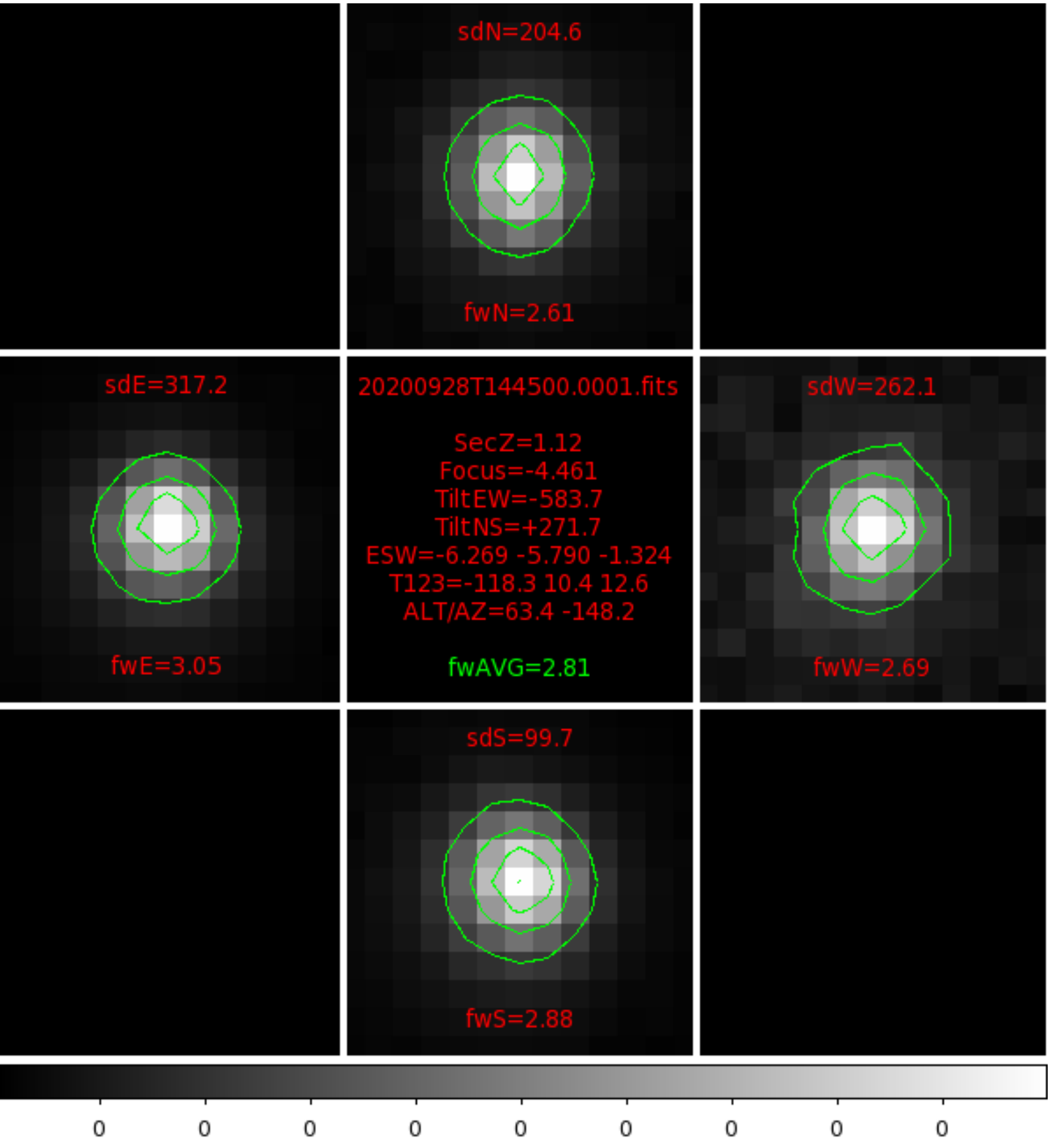
sdN=204.6
fwN=2.61
sdE=317.2
fwE=3.05
20200928T144500.0001.fits
SecZ=1.12
Focus=-4.461
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.269 -5.790 -1.324
T123=-118.3 10.4 12.6
ALT/AZ=63.4 -148.2
fwAVG=2.81
sdW=262.1
fwW=2.69
sdS=99.7
fwS=2.88
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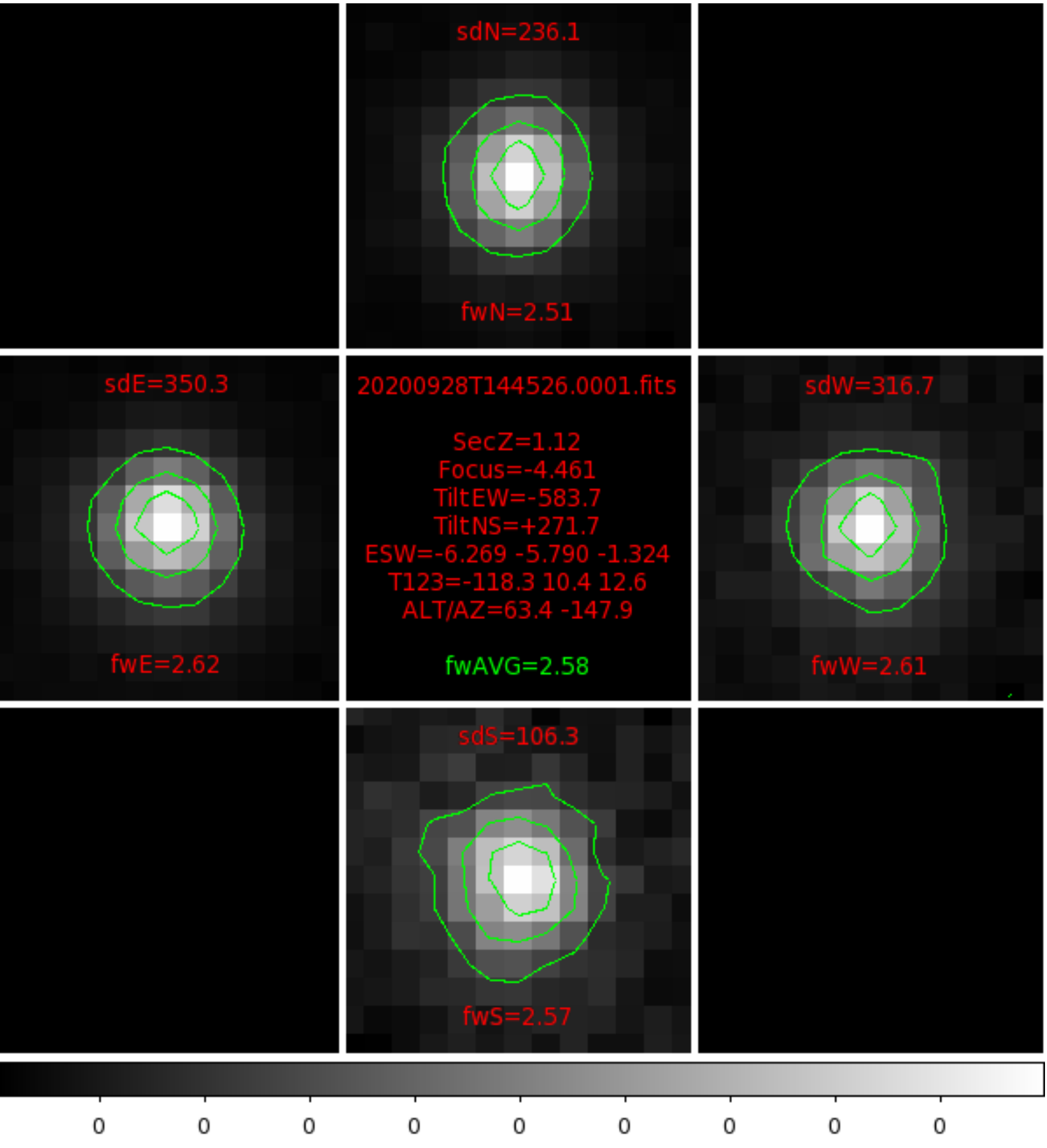
sdN=236.1
fwN=2.51
sdE=350.3
fwE=2.62
20200928T144526.0001.fits
SecZ=1.12
Focus=-4.461
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.269 -5.790 -1.324
T123=-118.3 10.4 12.6
ALT/AZ=63.4 -147.9
fwAVG=2.58
sdW=316.7
fwW=2.61
sdS=106.3
fwS=2.57
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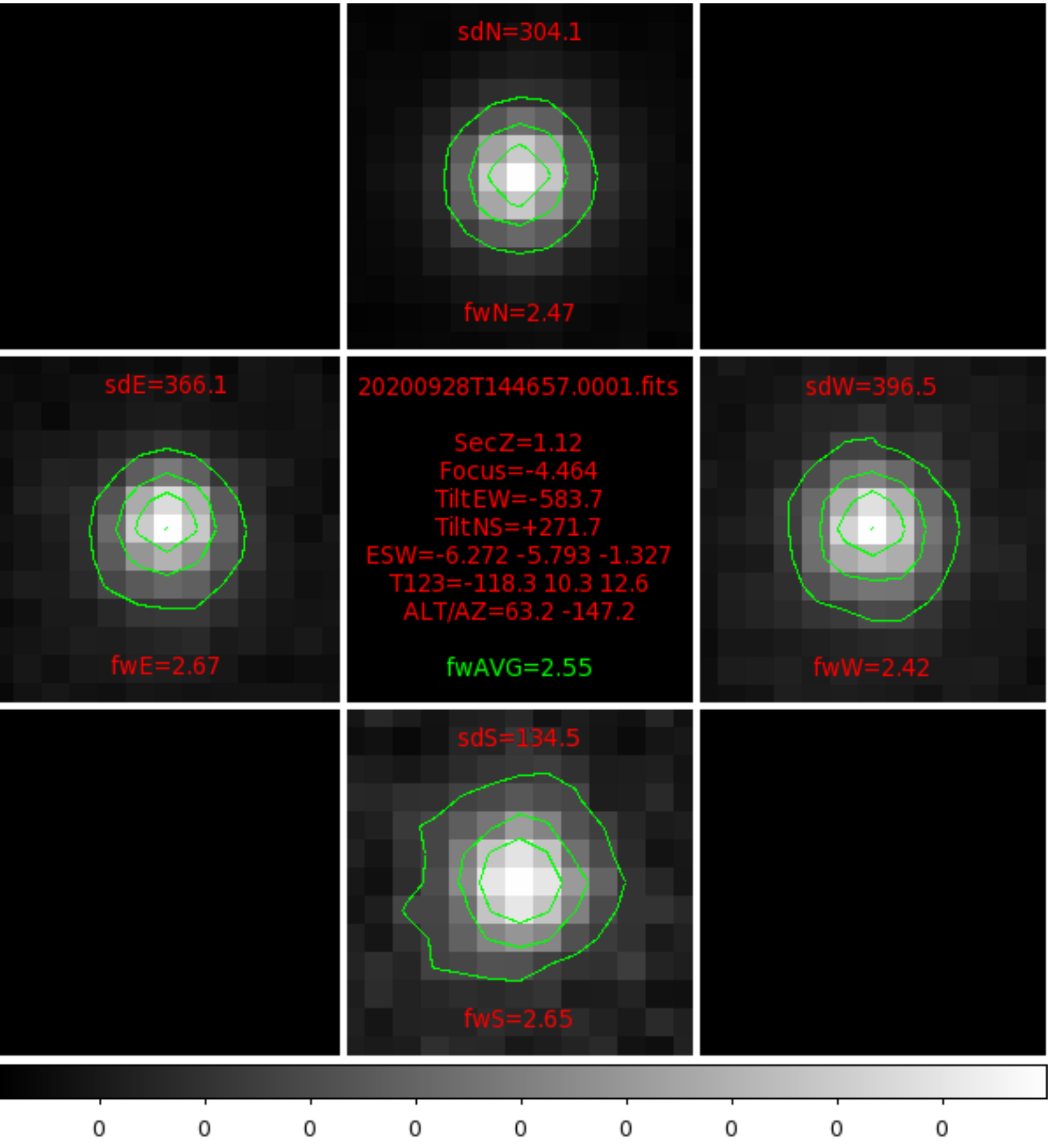
sdN=304.1
fwN=2.47
sdE=366.1
fwE=2.67
20200928T144657.0001.fits
SecZ=1.12
Focus=-4.464
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.272 -5.793 -1.327
T123=-118.3 10.3 12.6
ALT/AZ=63.2 -147.2
fwAVG=2.55
sdW=396.5
fwW=2.42
sdS=134.5
fwS=2.65
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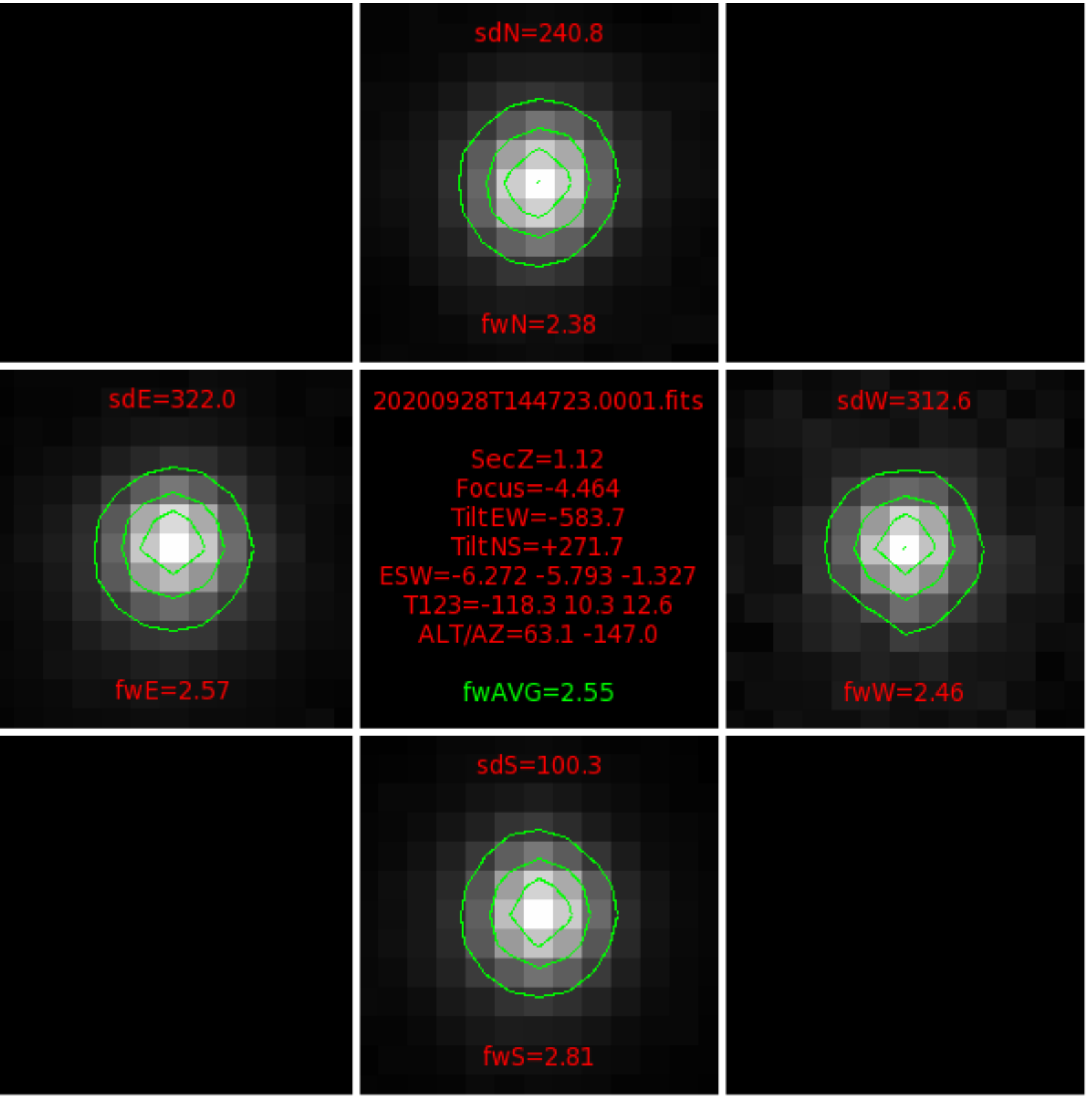
sdN=240.8
fwN=2.38
sdE=322.0
fwE=2.57
20200928T144723.0001.fits
SecZ=1.12
Focus=-4.464
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.272 -5.793 -1.327
T123=-118.3 10.3 12.6
ALT/AZ=63.1 -147.0
fwAVG=2.55
sdW=312.6
fwW=2.46
sdS=100.3
fwS=2.81
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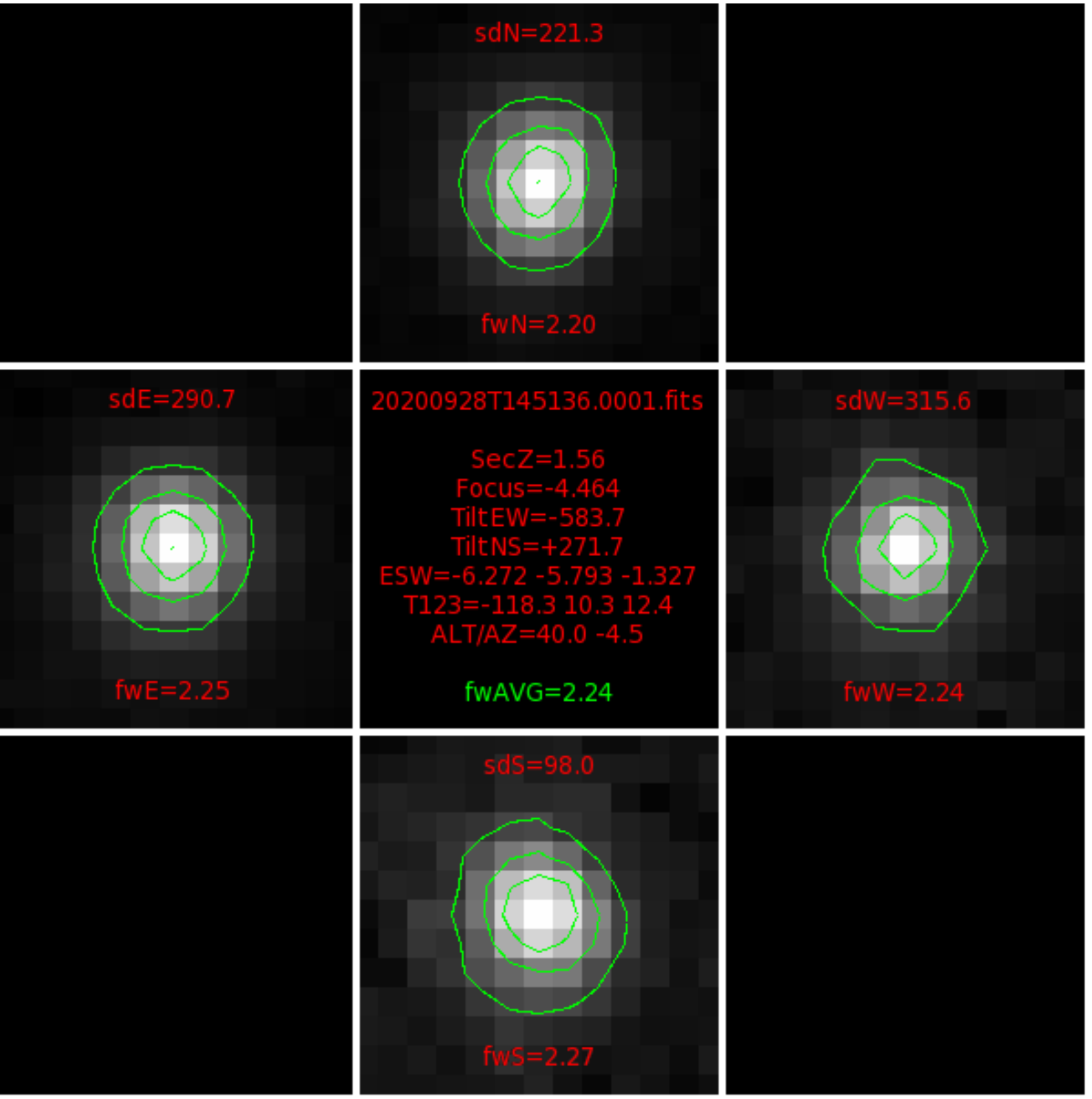
sdN=221.3
fwN=2.20
sdE=290.7
fwE=2.25
20200928T145136.0001.fits
SecZ=1.56
Focus=-4.464
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.272 -5.793 -1.327
T123=-118.3 10.3 12.4
ALT/AZ=40.0 -4.5
fwAVG=2.24
sdW=315.6
fwW=2.24
sdS=98.0
fwS=2.27
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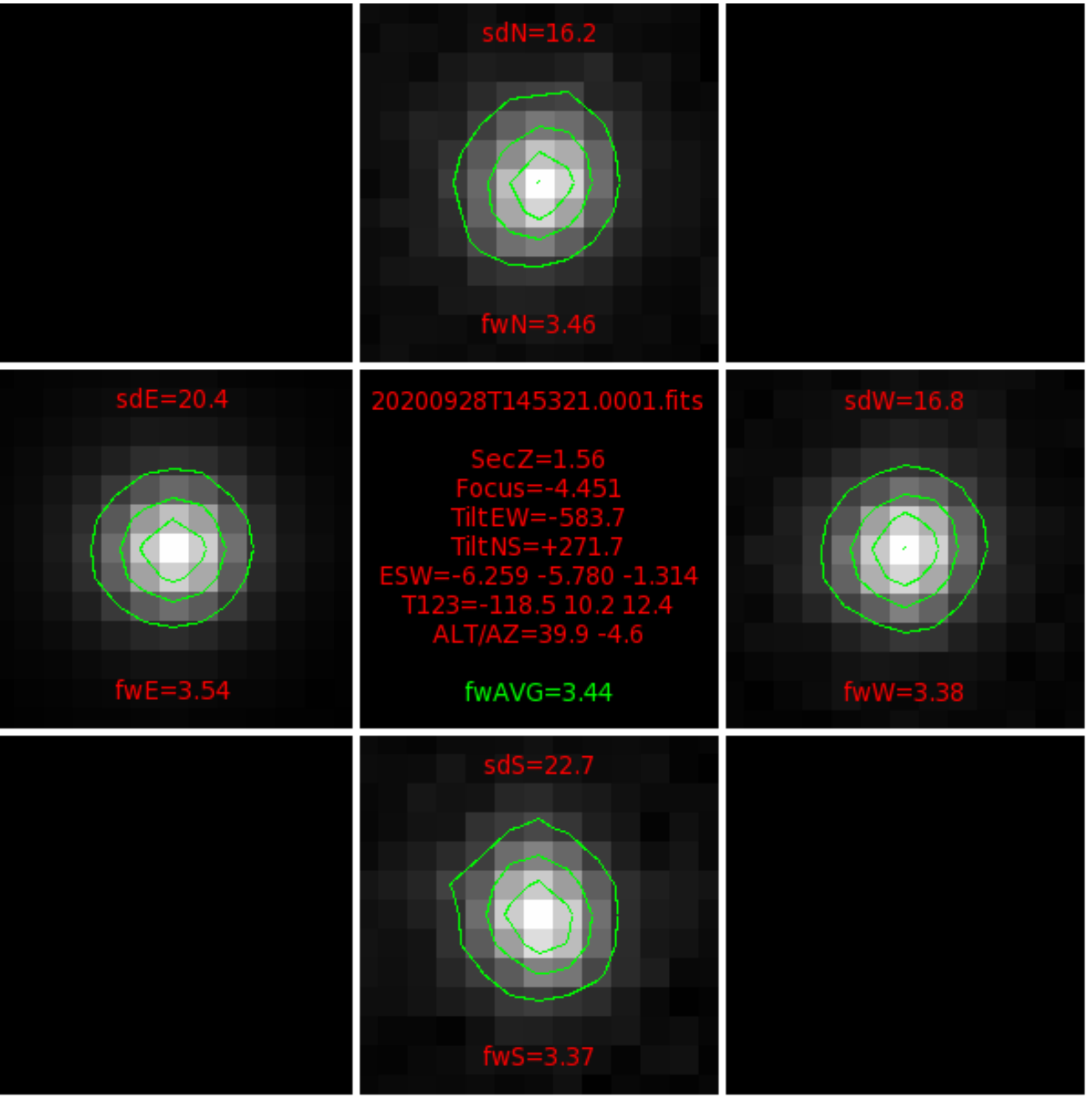
sdN=16.2
fwN=3.46
sdE=20.4
fwE=3.54
20200928T145321.0001.fits
SecZ=1.56
Focus=-4.451
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.259 -5.780 -1.314
T123=-118.5 10.2 12.4
ALT/AZ=39.9 -4.6
fwAVG=3.44
sdW=16.8
fwW=3.38
sdS=22.7
fwS=3.37
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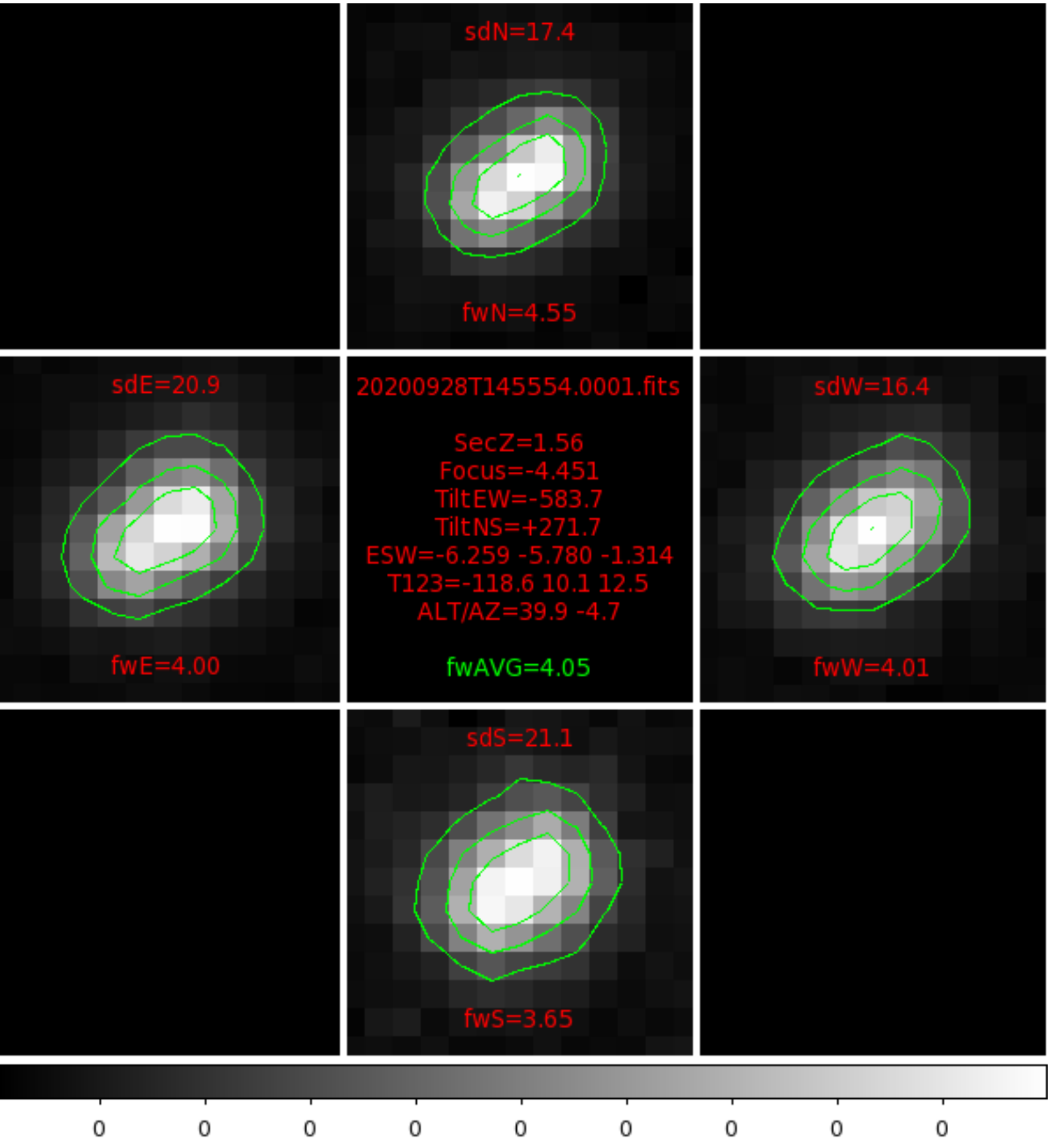
sdN=17.4
fwN=4.55
sdE=20.9
fwE=4.00
20200928T145554.0001.fits
SecZ=1.56
Focus=-4.451
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.259 -5.780 -1.314
T123=-118.6 10.1 12.5
ALT/AZ=39.9 -4.7
fwAVG=4.05
sdW=16.4
fwW=4.01
sdS=21.1
fwS=3.65
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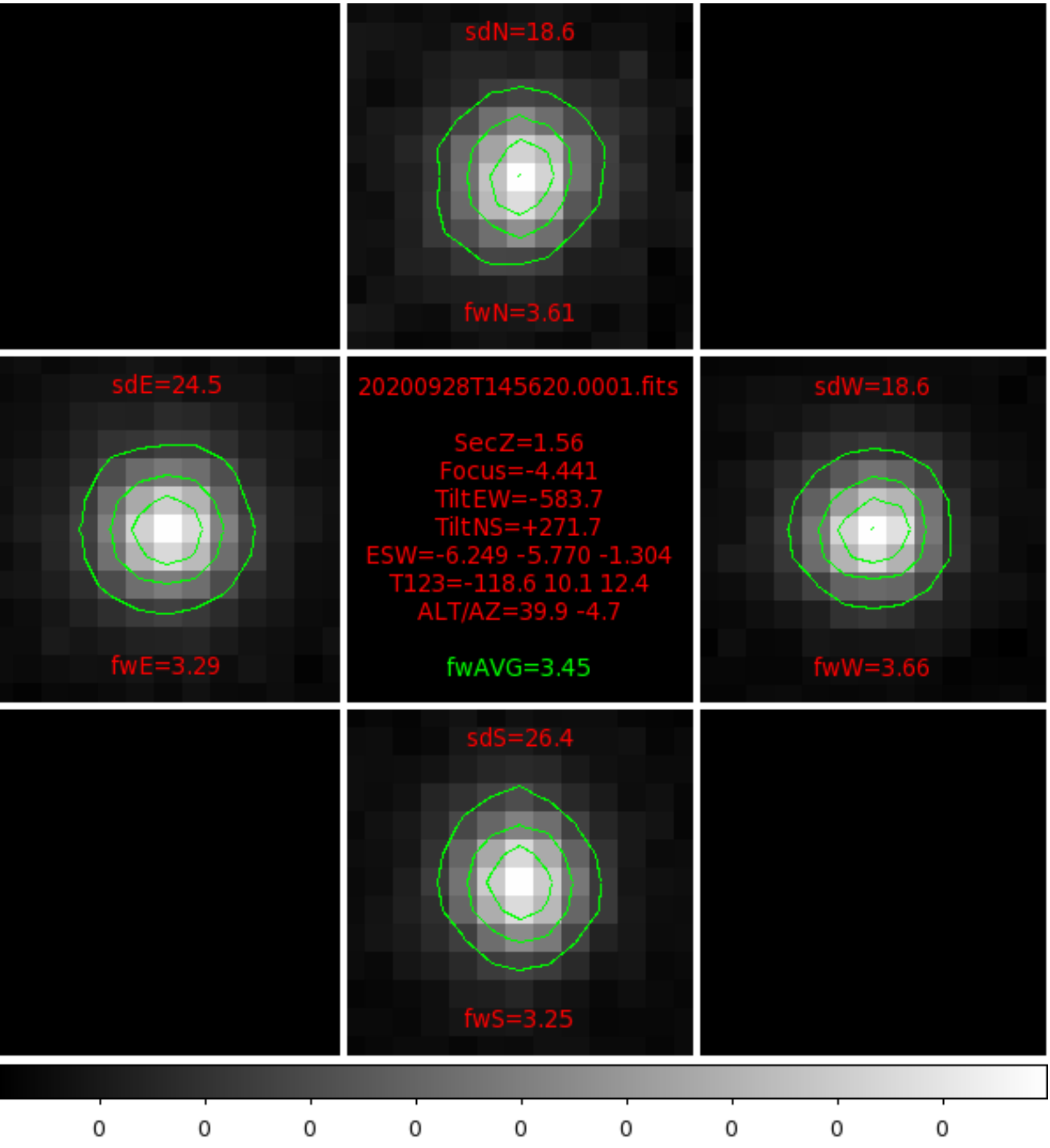
sdN=18.6
fwN=3.61
sdE=24.5
fwE=3.29
20200928T145620.0001.fits
SecZ=1.56
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-118.6 10.1 12.4
ALT/AZ=39.9 -4.7
fwAVG=3.45
sdW=18.6
fwW=3.66
sdS=26.4
fwS=3.25
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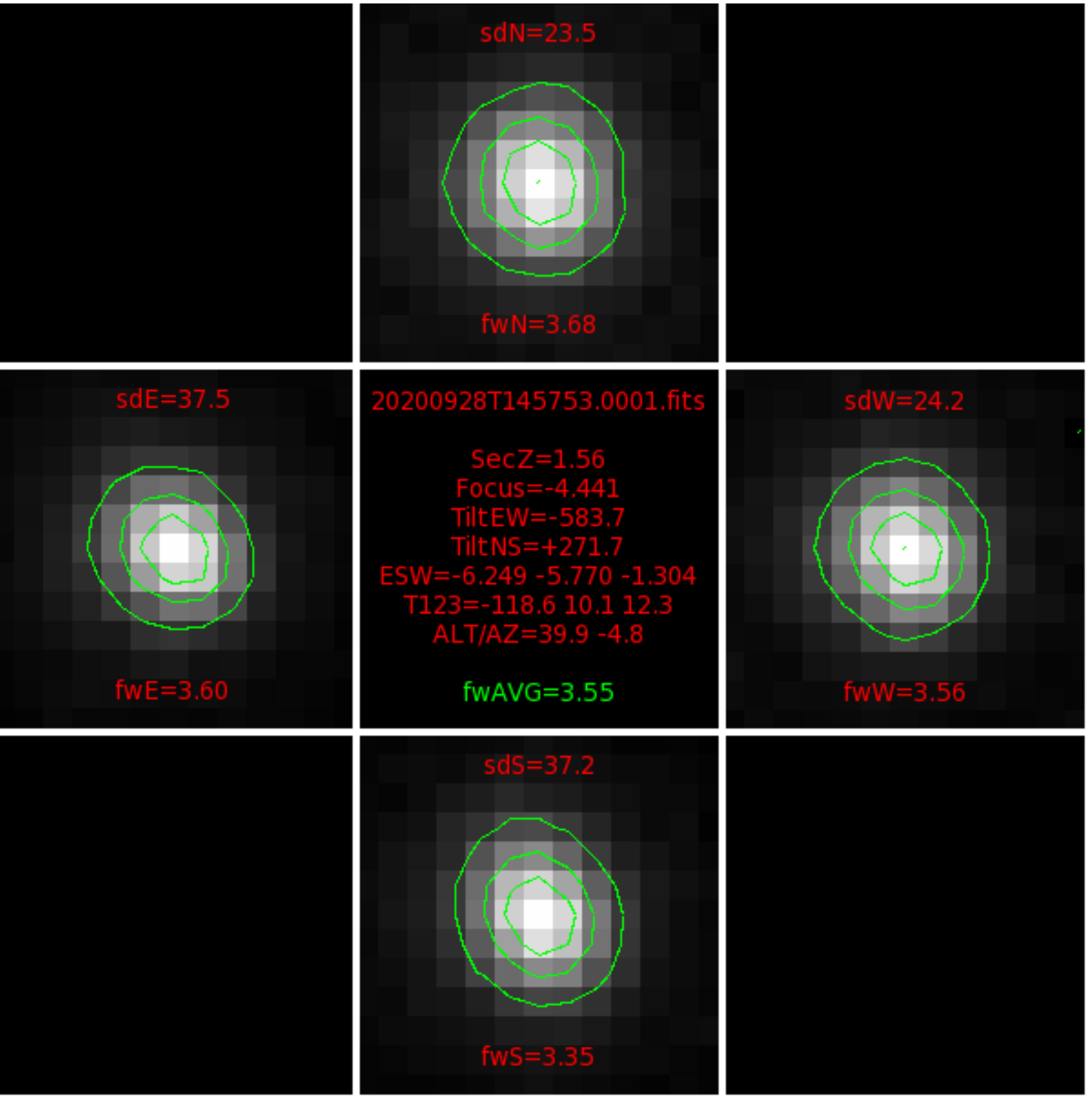
sdN=23.5
fwN=3.68
sdE=37.5
fwE=3.60
20200928T145753.0001.fits
SecZ=1.56
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-118.6 10.1 12.3
ALT/AZ=39.9 -4.8
fwAVG=3.55
sdW=24.2
fwW=3.56
sdS=37.2
fwS=3.35
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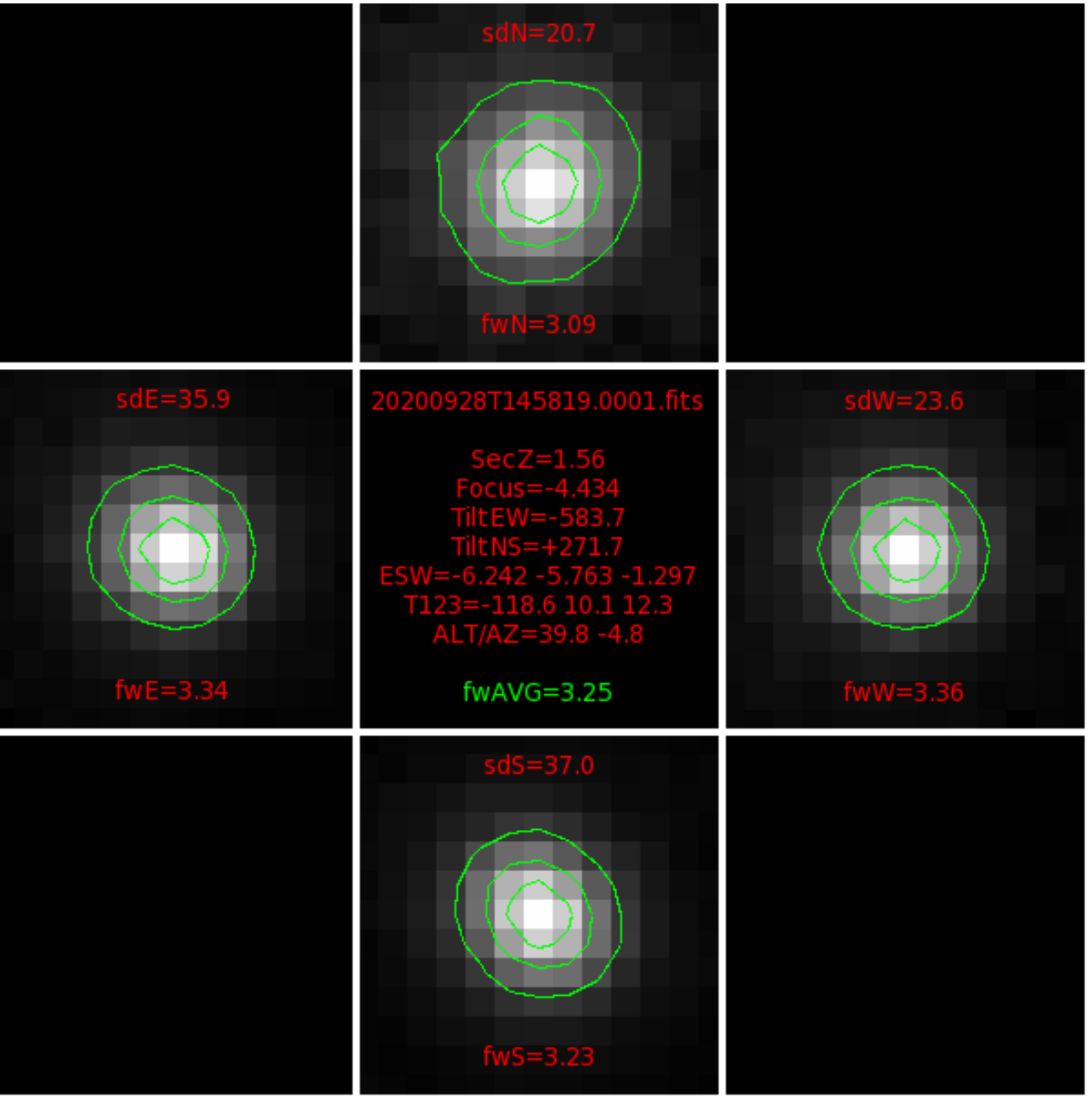
sdN=20.7
fwN=3.09
sdE=35.9
fwE=3.34
20200928T145819.0001.fits
SecZ=1.56
Focus=-4.434
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.242 -5.763 -1.297
T123=-118.6 10.1 12.3
ALT/AZ=39.8 -4.8
fwAVG=3.25
sdW=23.6
fwW=3.36
sdS=37.0
fwS=3.23
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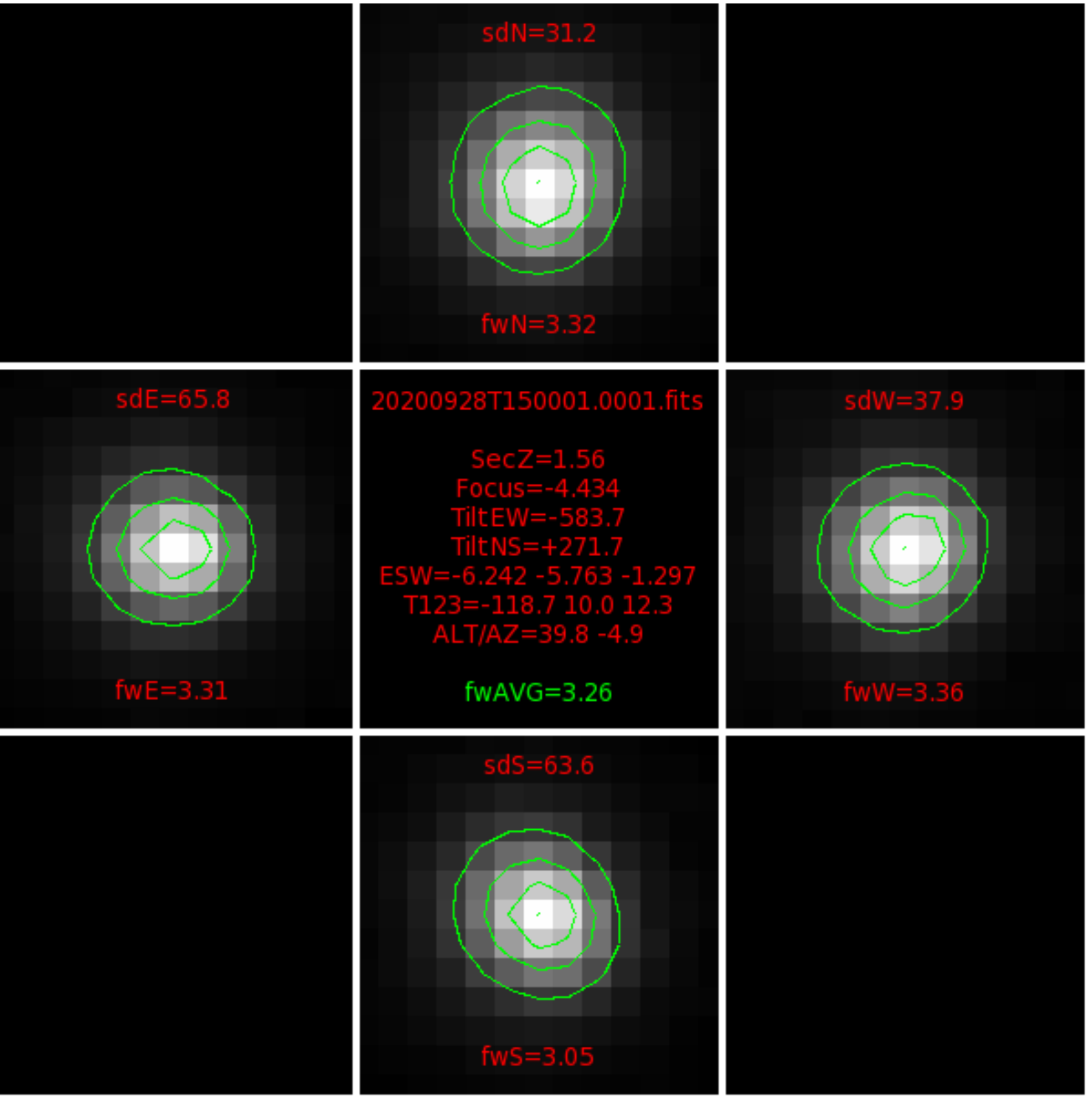
sdN=31.2
fwN=3.32
sdE=65.8
fwE=3.31
20200928T150001.0001.fits
SecZ=1.56
Focus=-4.434
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.242 -5.763 -1.297
T123=-118.7 10.0 12.3
ALT/AZ=39.8 -4.9
fwAVG=3.26
sdW=37.9
fwW=3.36
sdS=63.6
fwS=3.05
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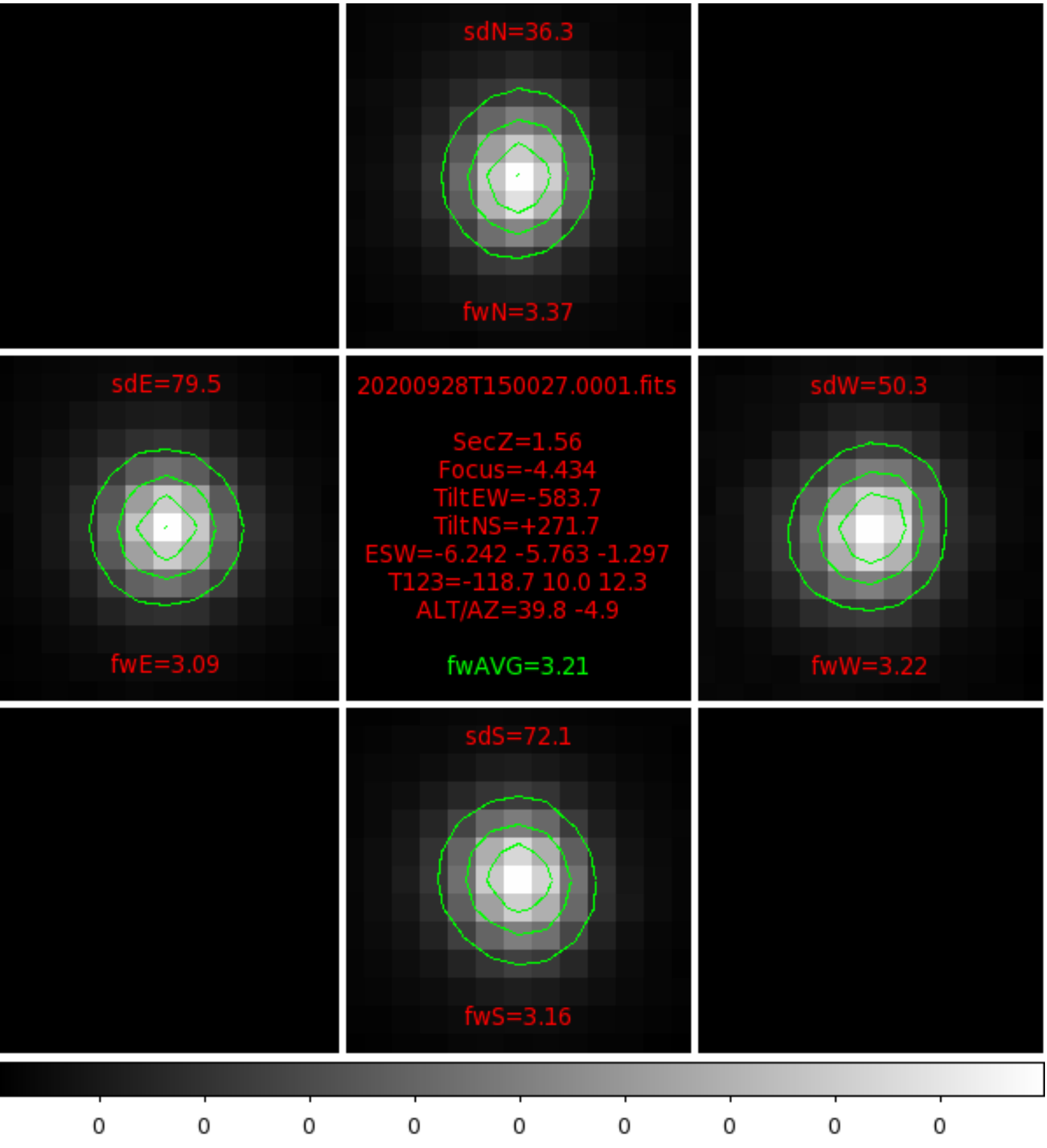
sdN=36.3
fwN=3.37
sdE=79.5
fwE=3.09
20200928T150027.0001.fits
SecZ=1.56
Focus=-4.434
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.242 -5.763 -1.297
T123=-118.7 10.0 12.3
ALT/AZ=39.8 -4.9
fwAVG=3.21
sdW=50.3
fwW=3.22
sdS=72.1
fwS=3.16
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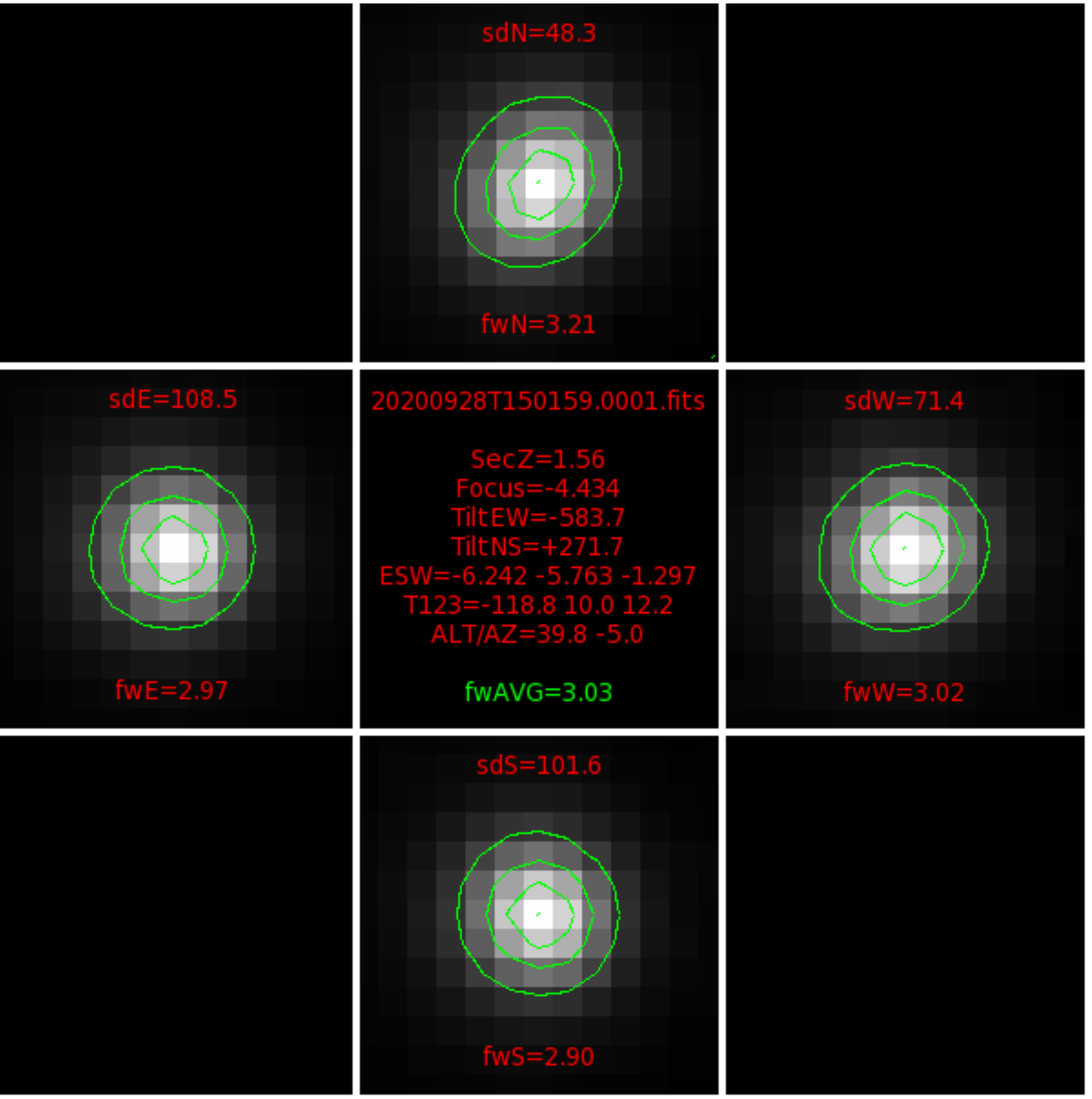
sdN=48.3
fwN=3.21
sdE=108.5
fwE=2.97
20200928T150159.0001.fits
SecZ=1.56
Focus=-4.434
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.242 -5.763 -1.297
T123=-118.8 10.0 12.2
ALT/AZ=39.8 -5.0
fwAVG=3.03
sdW=71.4
fwW=3.02
sdS=101.6
fwS=2.90
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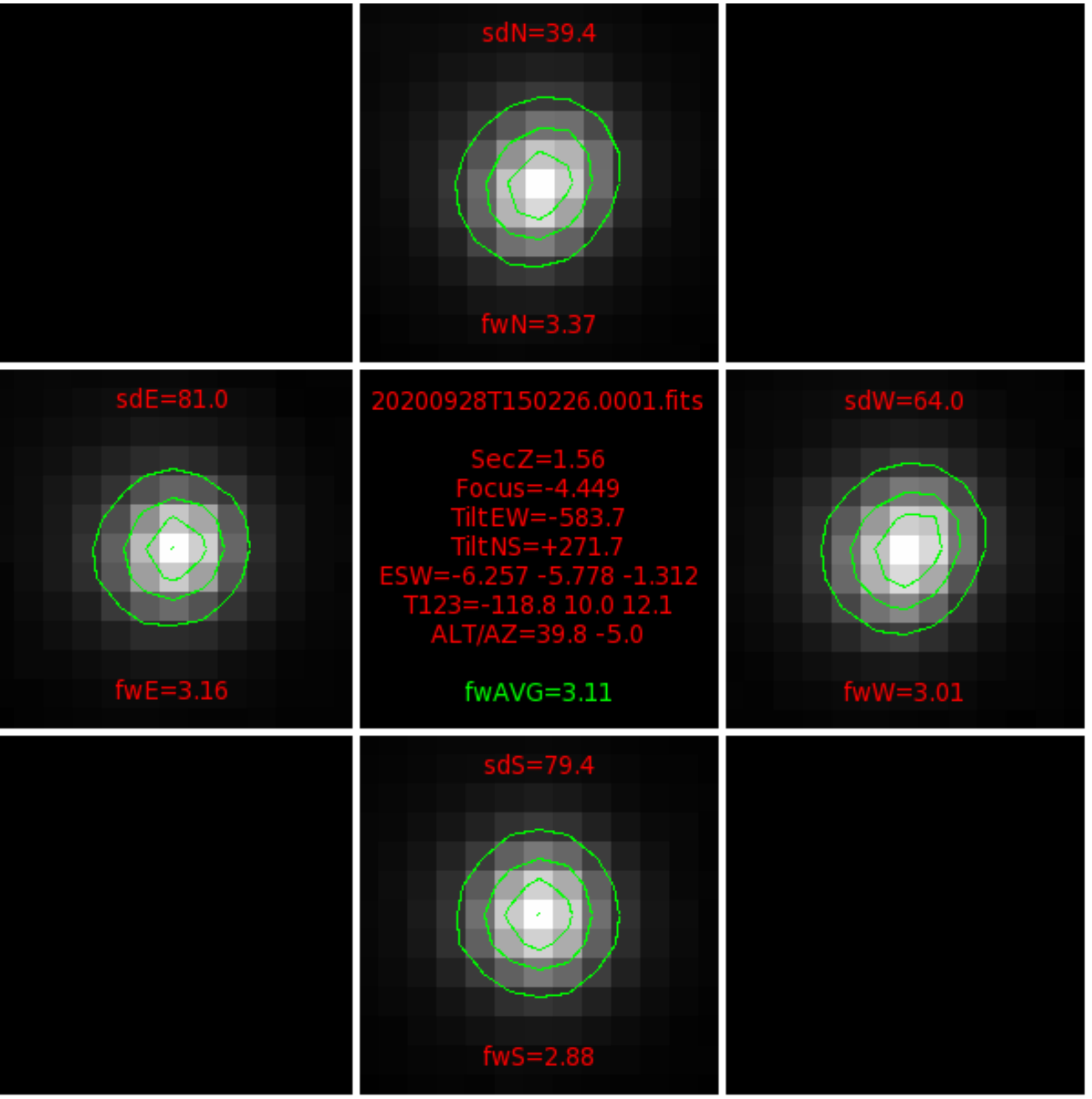
sdN=39.4
fwN=3.37
sdE=81.0
fwE=3.16
20200928T150226.0001.fits
SecZ=1.56
Focus=-4.449
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.257 -5.778 -1.312
T123=-118.8 10.0 12.1
ALT/AZ=39.8 -5.0
fwAVG=3.11
sdW=64.0
fwW=3.01
sdS=79.4
fwS=2.88
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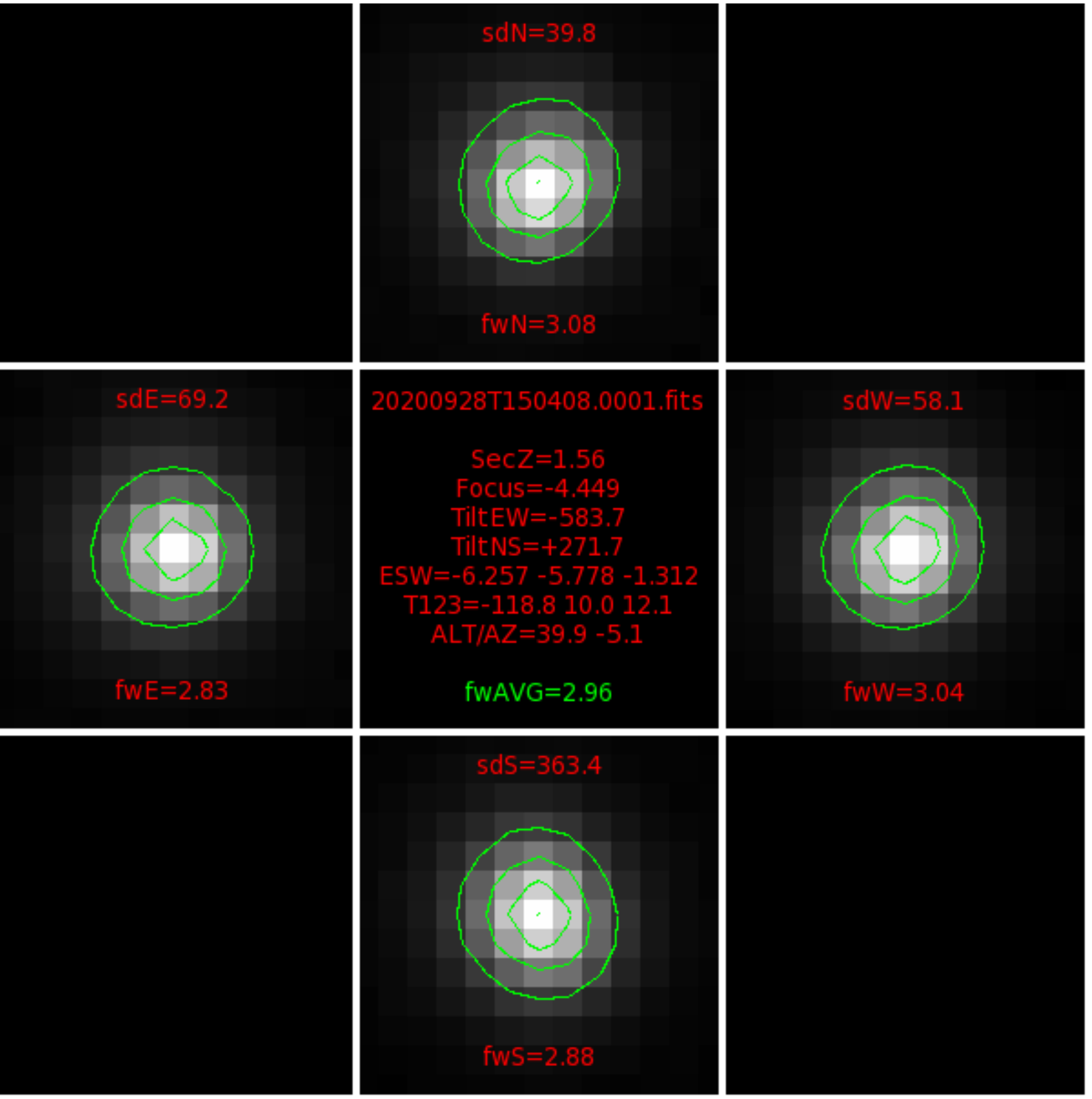
sdN=39.8
fwN=3.08
sdE=69.2
fwE=2.83
20200928T150408.0001.fits
SecZ=1.56
Focus=-4.449
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.257 -5.778 -1.312
T123=-118.8 10.0 12.1
ALT/AZ=39.9 -5.1
fwAVG=2.96
sdW=58.1
fwW=3.04
sdS=363.4
fwS=2.88
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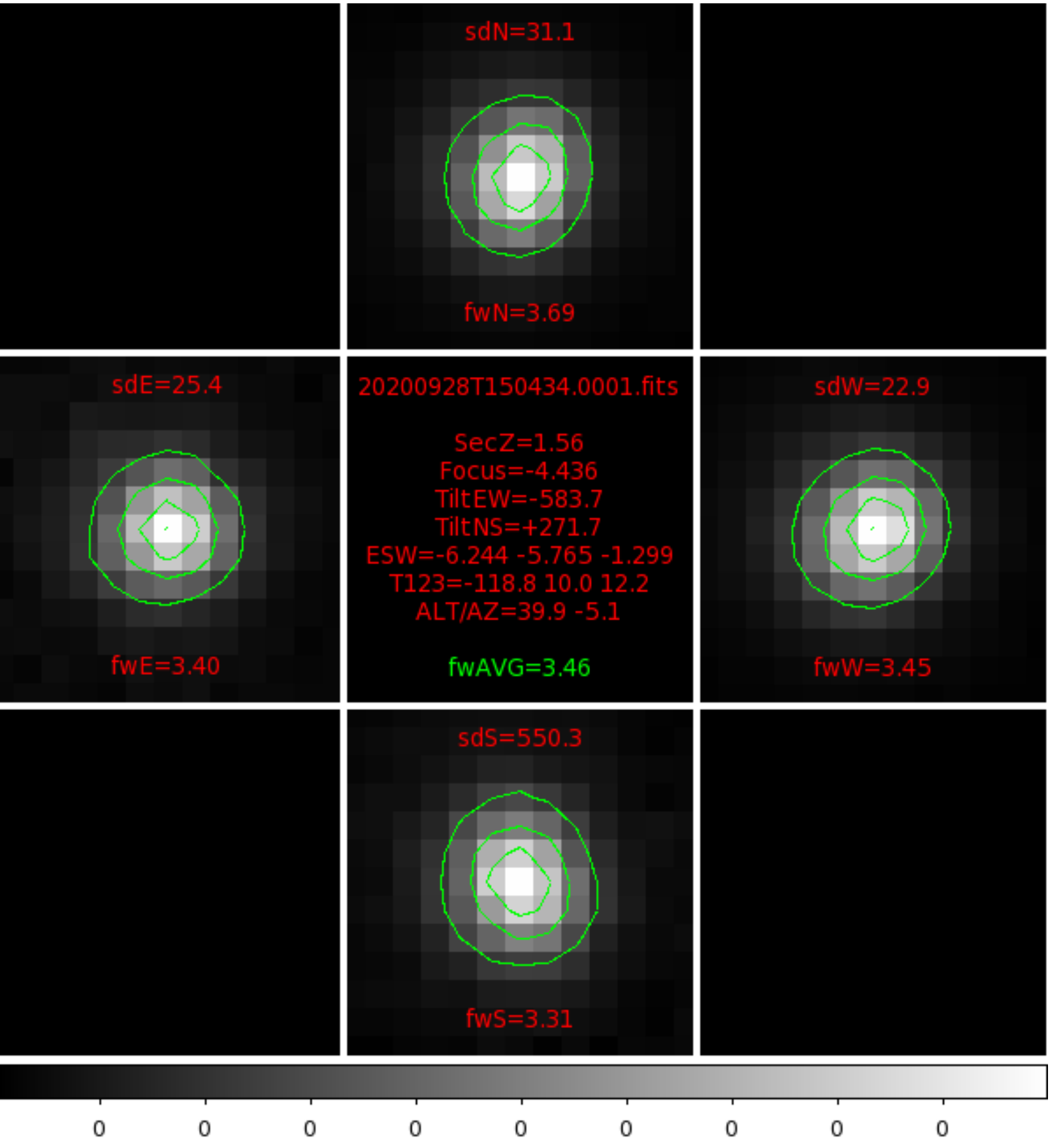
sdN=31.1
fwN=3.69
sdE=25.4
fwE=3.40
20200928T150434.0001.fits
SecZ=1.56
Focus=-4.436
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.244 -5.765 -1.299
T123=-118.8 10.0 12.2
ALT/AZ=39.9 -5.1
fwAVG=3.46
sdW=22.9
fwW=3.45
sdS=550.3
fwS=3.31
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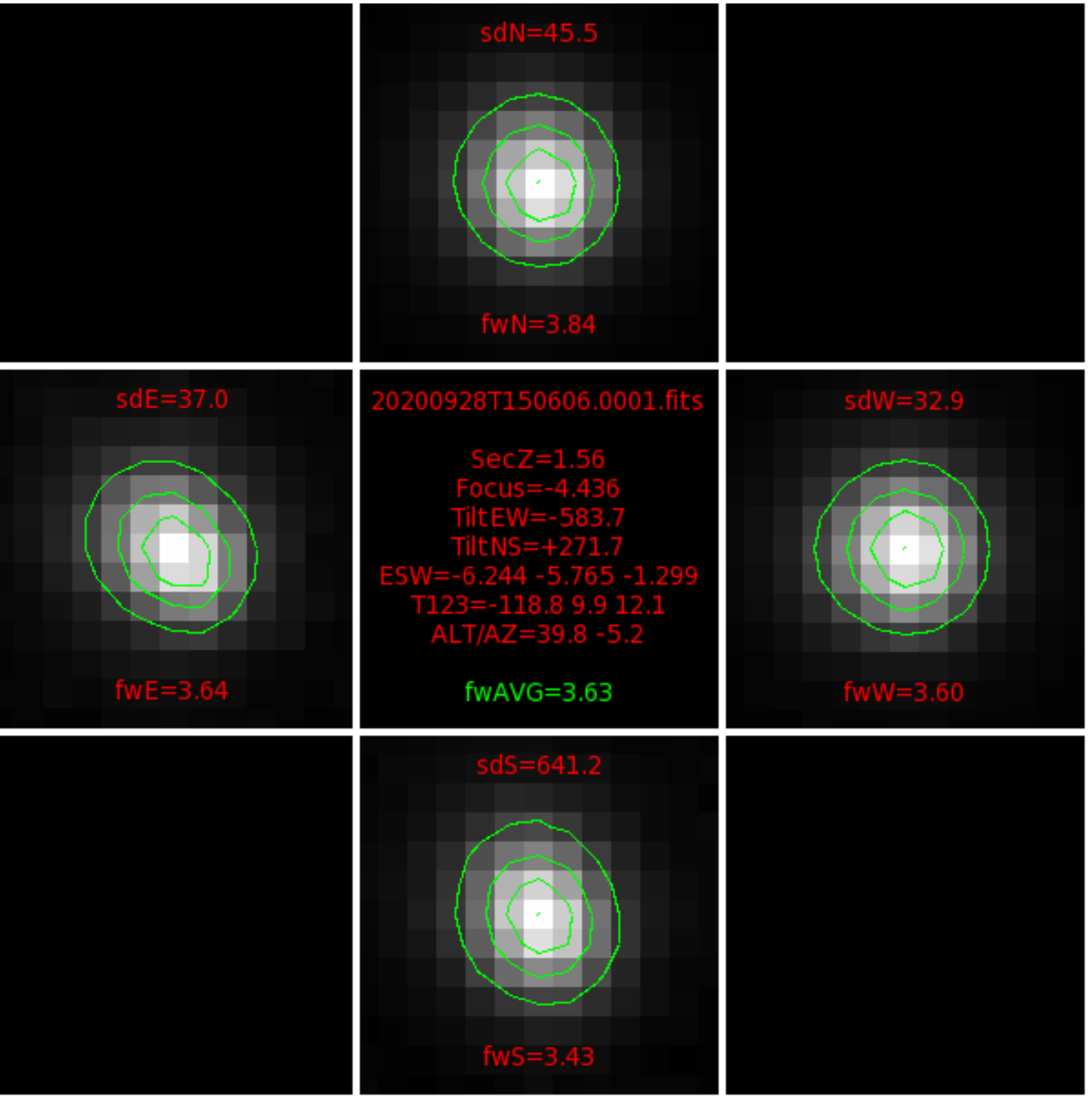
sdN=45.5
fwN=3.84
sdE=37.0
fwE=3.64
20200928T150606.0001.fits
SecZ=1.56
Focus=-4.436
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.244 -5.765 -1.299
T123=-118.8 9.9 12.1
ALT/AZ=39.8 -5.2
fwAVG=3.63
sdW=32.9
fwW=3.60
sdS=641.2
fwS=3.43
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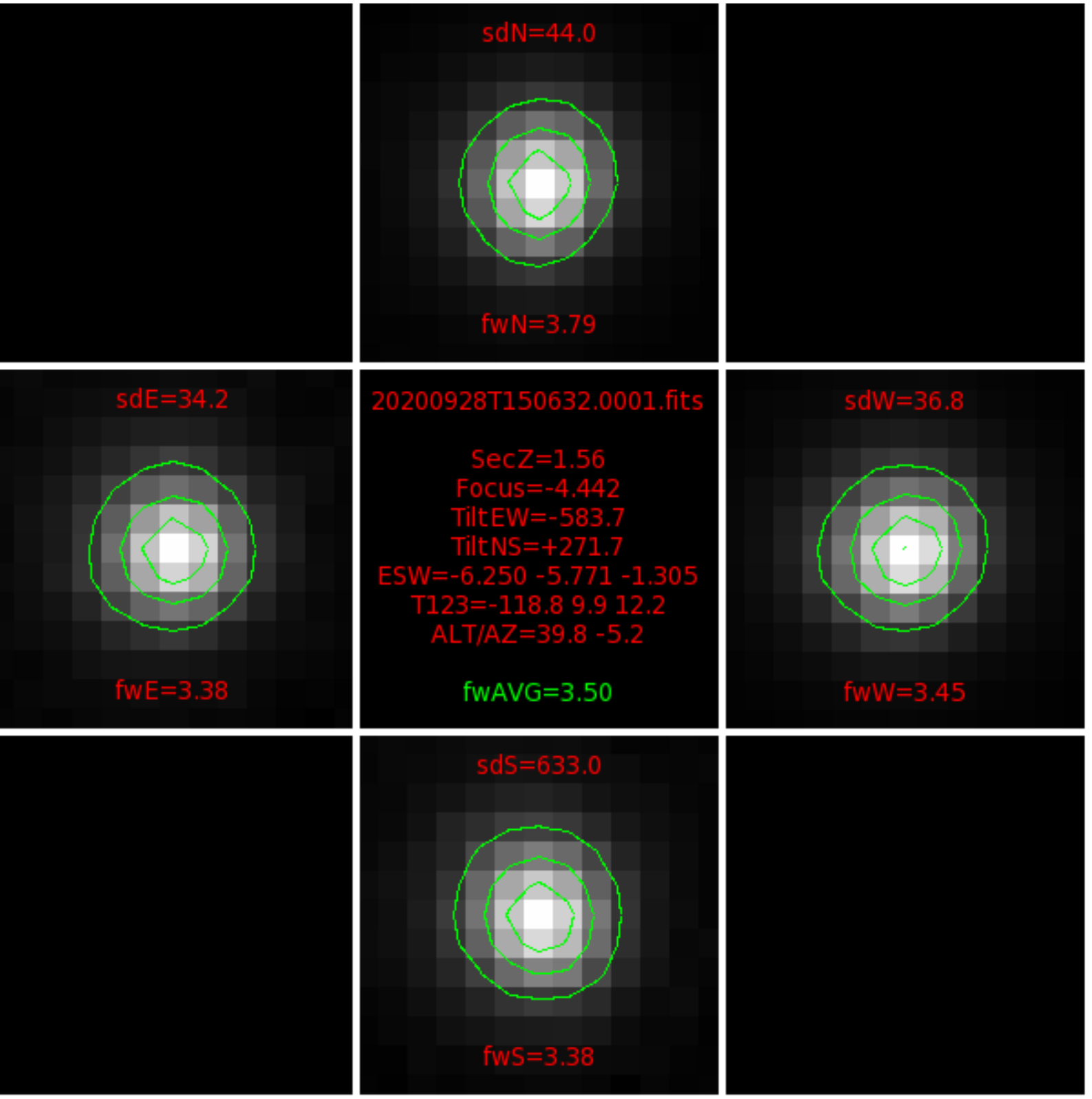
sdN=44.0
fwN=3.79
sdE=34.2
fwE=3.38
20200928T150632.0001.fits
SecZ=1.56
Focus=-4.442
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.250 -5.771 -1.305
T123=-118.8 9.9 12.2
ALT/AZ=39.8 -5.2
fwAVG=3.50
sdW=36.8
fwW=3.45
sdS=633.0
fwS=3.38
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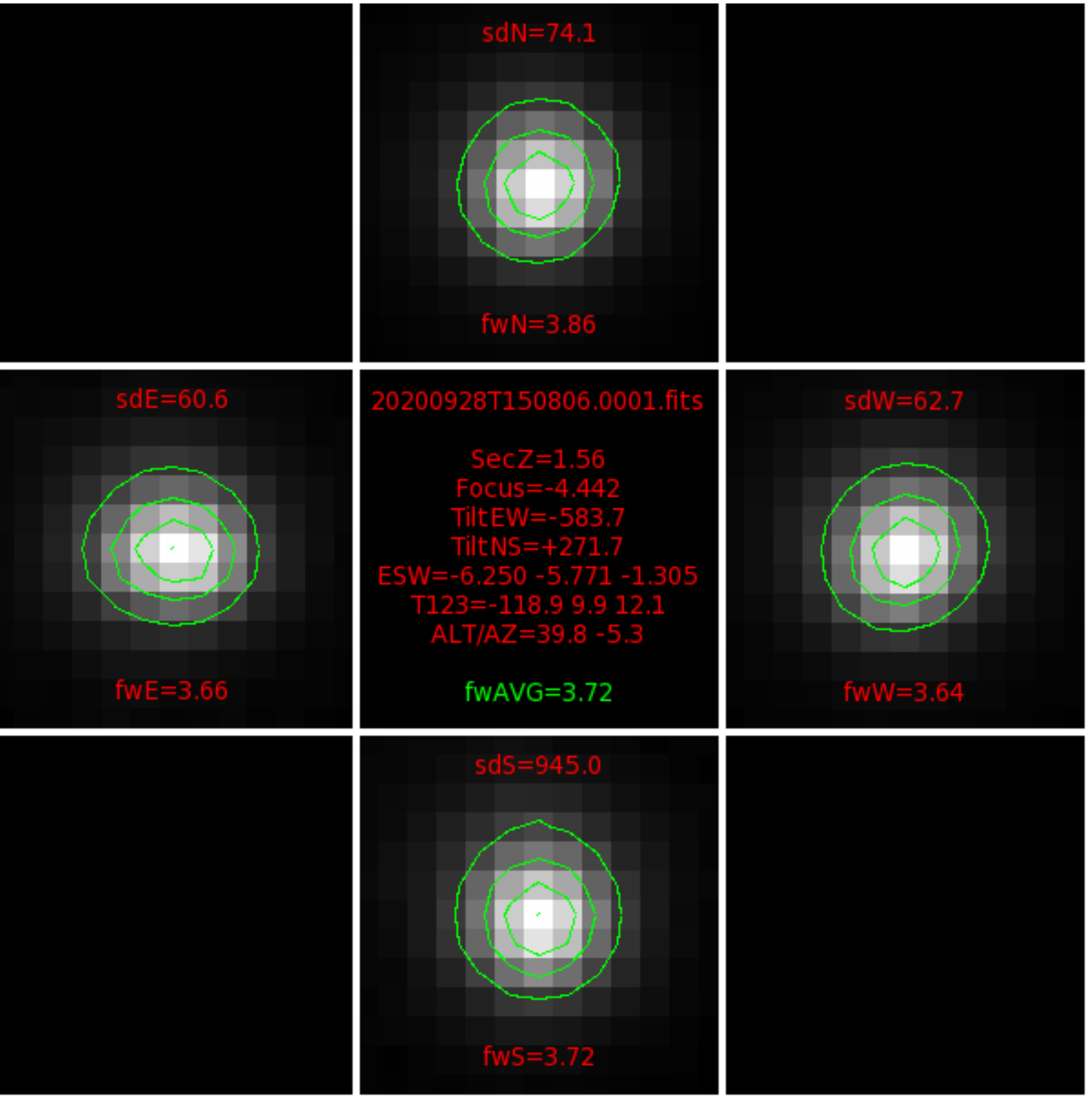
sdN=74.1
fwN=3.86
sdE=60.6
fwE=3.66
20200928T150806.0001.fits
SecZ=1.56
Focus=-4.442
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.250 -5.771 -1.305
T123=-118.9 9.9 12.1
ALT/AZ=39.8 -5.3
fwAVG=3.72
sdW=62.7
fwW=3.64
sdS=945.0
fwS=3.72
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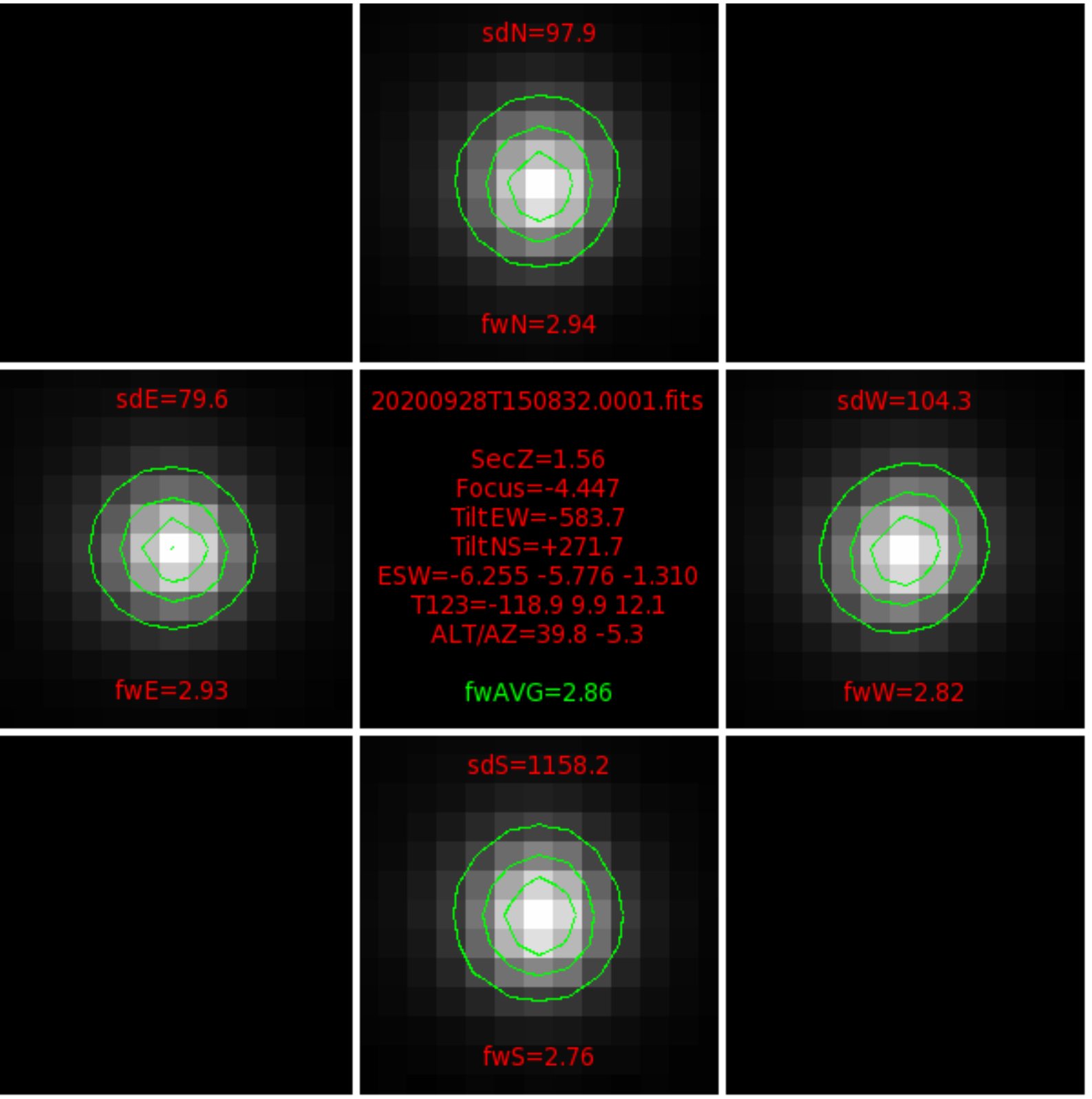
sdN=97.9
fwN=2.94
sdE=79.6
fwE=2.93
20200928T150832.0001.fits
SecZ=1.56
Focus=-4.447
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.255 -5.776 -1.310
T123=-118.9 9.9 12.1
ALT/AZ=39.8 -5.3
fwAVG=2.86
sdW=104.3
fwW=2.82
sdS=1158.2
fwS=2.76
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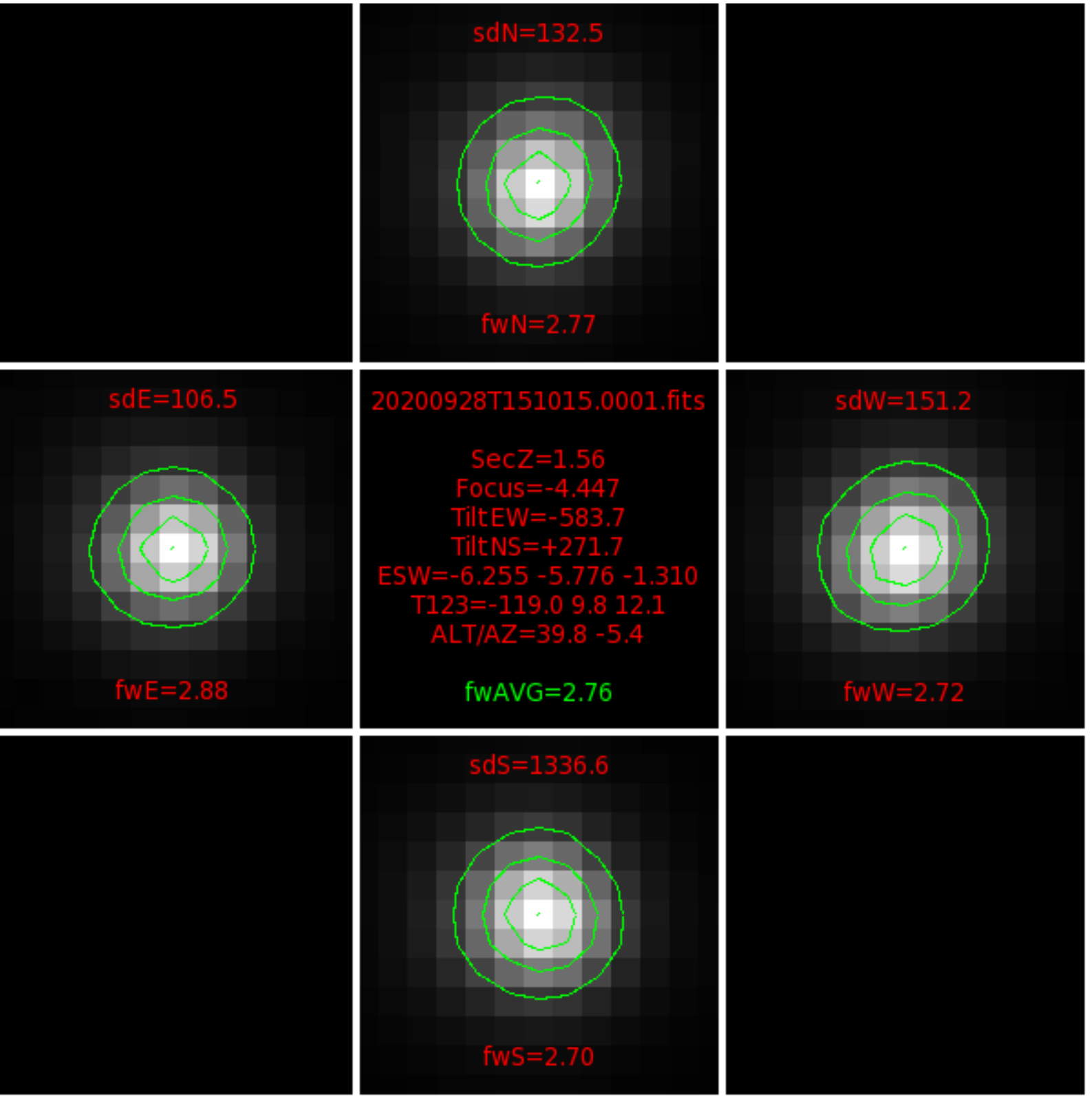
sdN=132.5
fwN=2.77
sdE=106.5
fwE=2.88
20200928T151015.0001.fits
SecZ=1.56
Focus=-4.447
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.255 -5.776 -1.310
T123=-119.0 9.8 12.1
ALT/AZ=39.8 -5.4
fwAVG=2.76
sdW=151.2
fwW=2.72
sdS=1336.6
fwS=2.70
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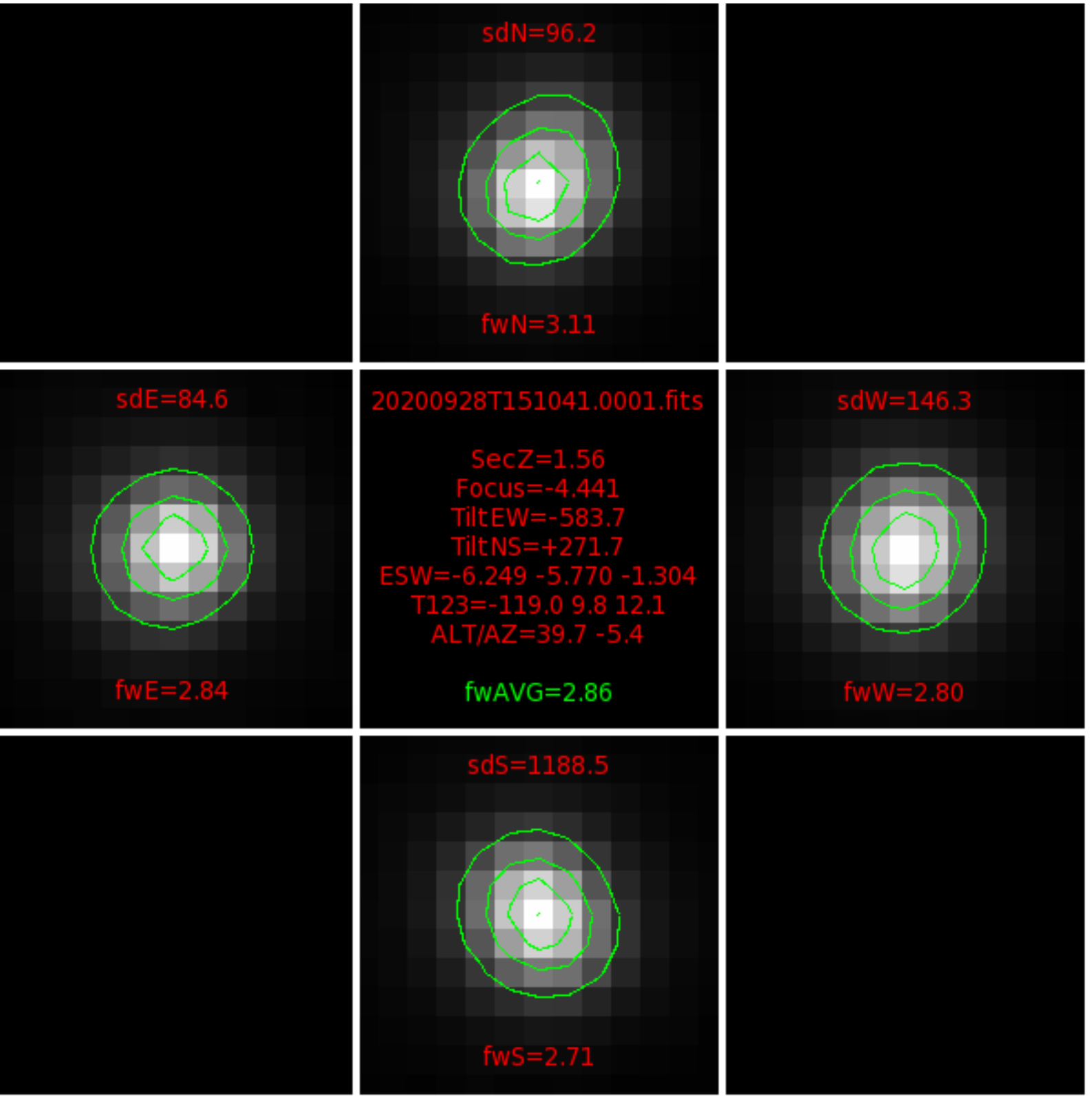
sdN=96.2
fwN=3.11
sdE=84.6
fwE=2.84
20200928T151041.0001.fits
SecZ=1.56
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.0 9.8 12.1
ALT/AZ=39.7 -5.4
fwAVG=2.86
sdW=146.3
fwW=2.80
sdS=1188.5
fwS=2.71
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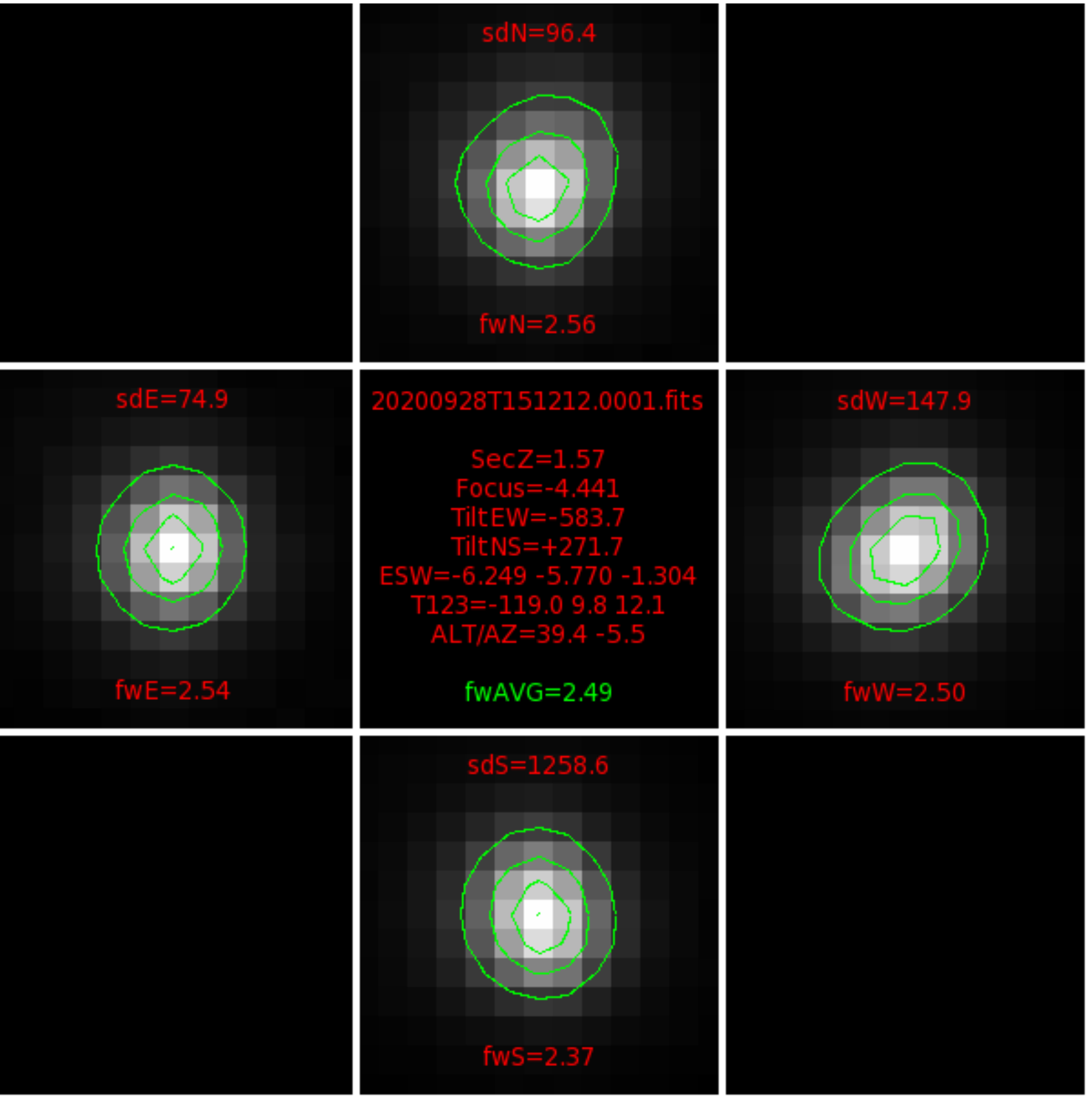
sdN=96.4
fwN=2.56
sdE=74.9
fwE=2.54
20200928T151212.0001.fits
SecZ=1.57
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.0 9.8 12.1
ALT/AZ=39.4 -5.5
fwAVG=2.49
sdW=147.9
fwW=2.50
sdS=1258.6
fwS=2.37
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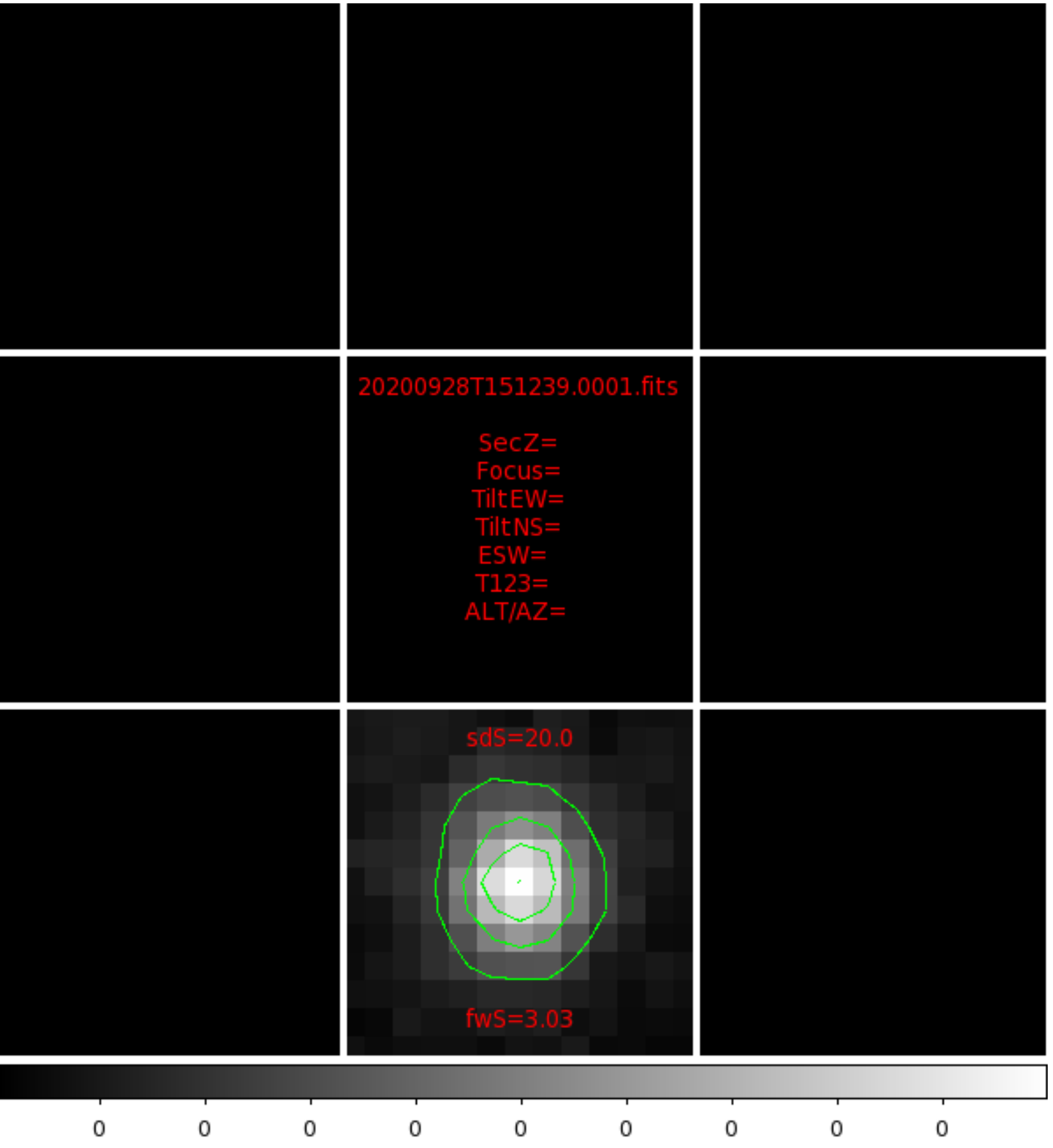
20200928T151239.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=20.0
fwS=3.03
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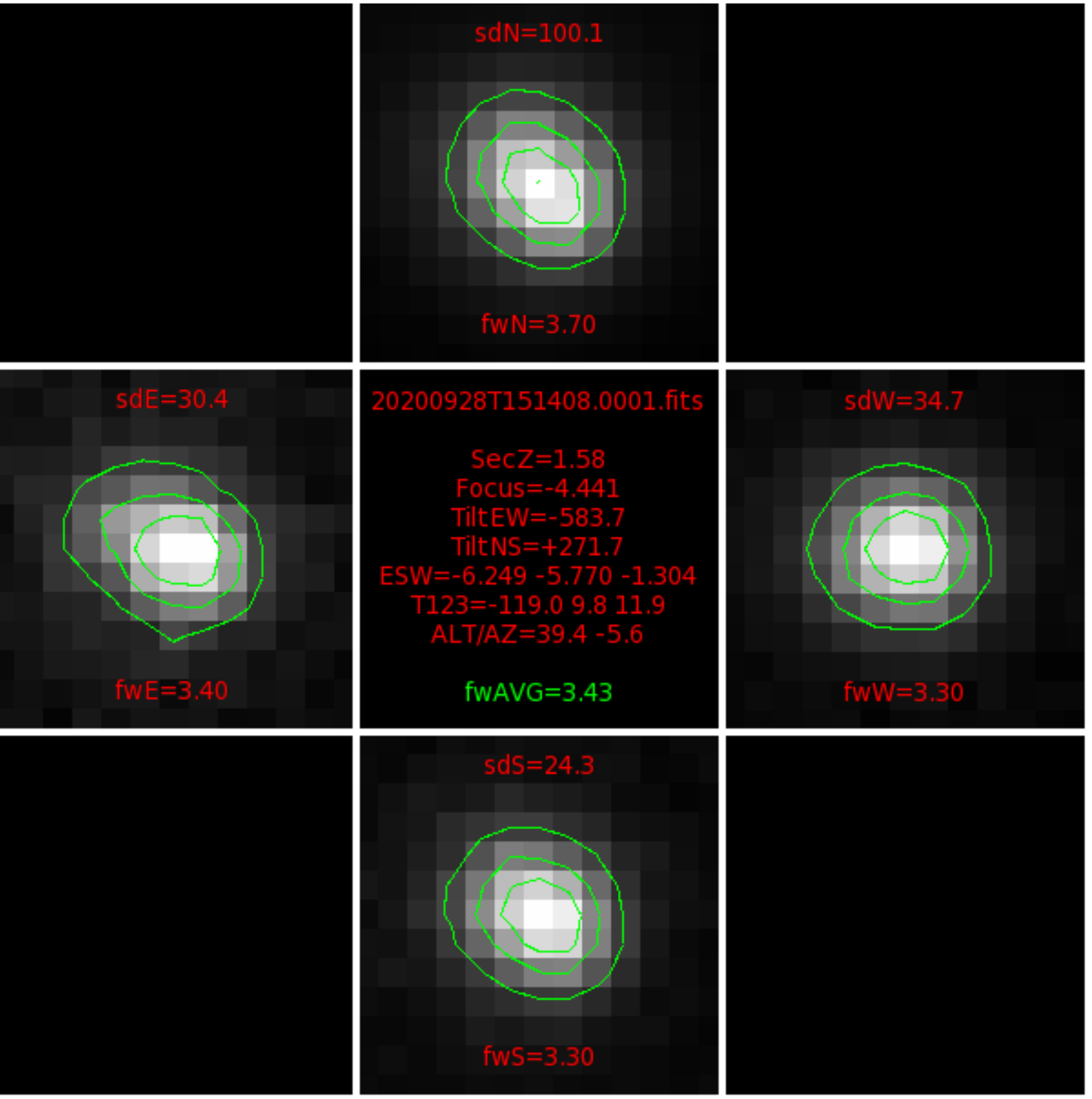
sdN=100.1
fwN=3.70
sdE=30.4
fwE=3.40
20200928T151408.0001.fits
SecZ=1.58
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.0 9.8 11.9
ALT/AZ=39.4 -5.6
fwAVG=3.43
sdW=34.7
fwW=3.30
sdS=24.3
fwS=3.30
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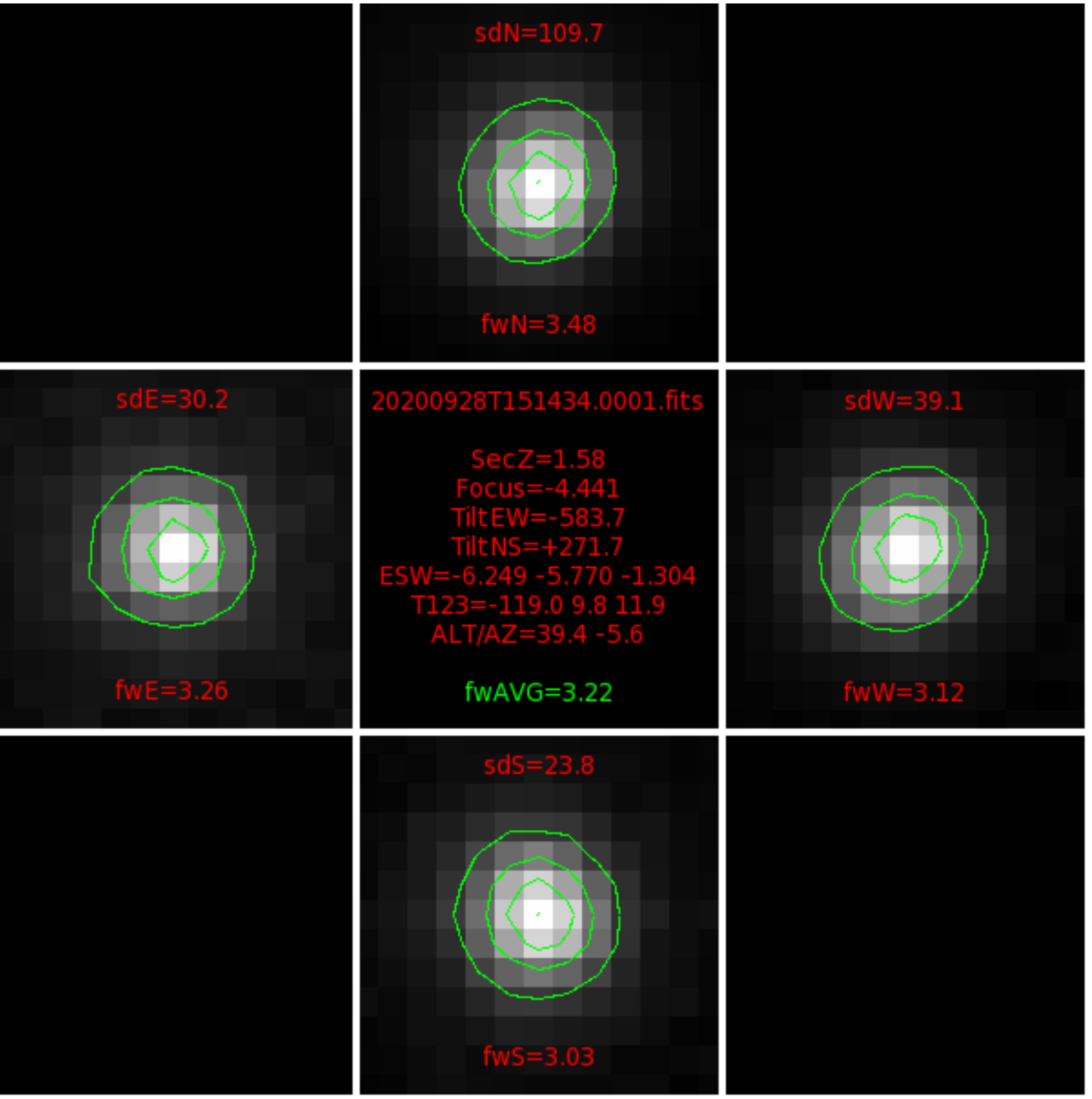
sdN=109.7
fwN=3.48
sdE=30.2
fwE=3.26
20200928T151434.0001.fits
SecZ=1.58
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.0 9.8 11.9
ALT/AZ=39.4 -5.6
fwAVG=3.22
sdW=39.1
fwW=3.12
sdS=23.8
fwS=3.03
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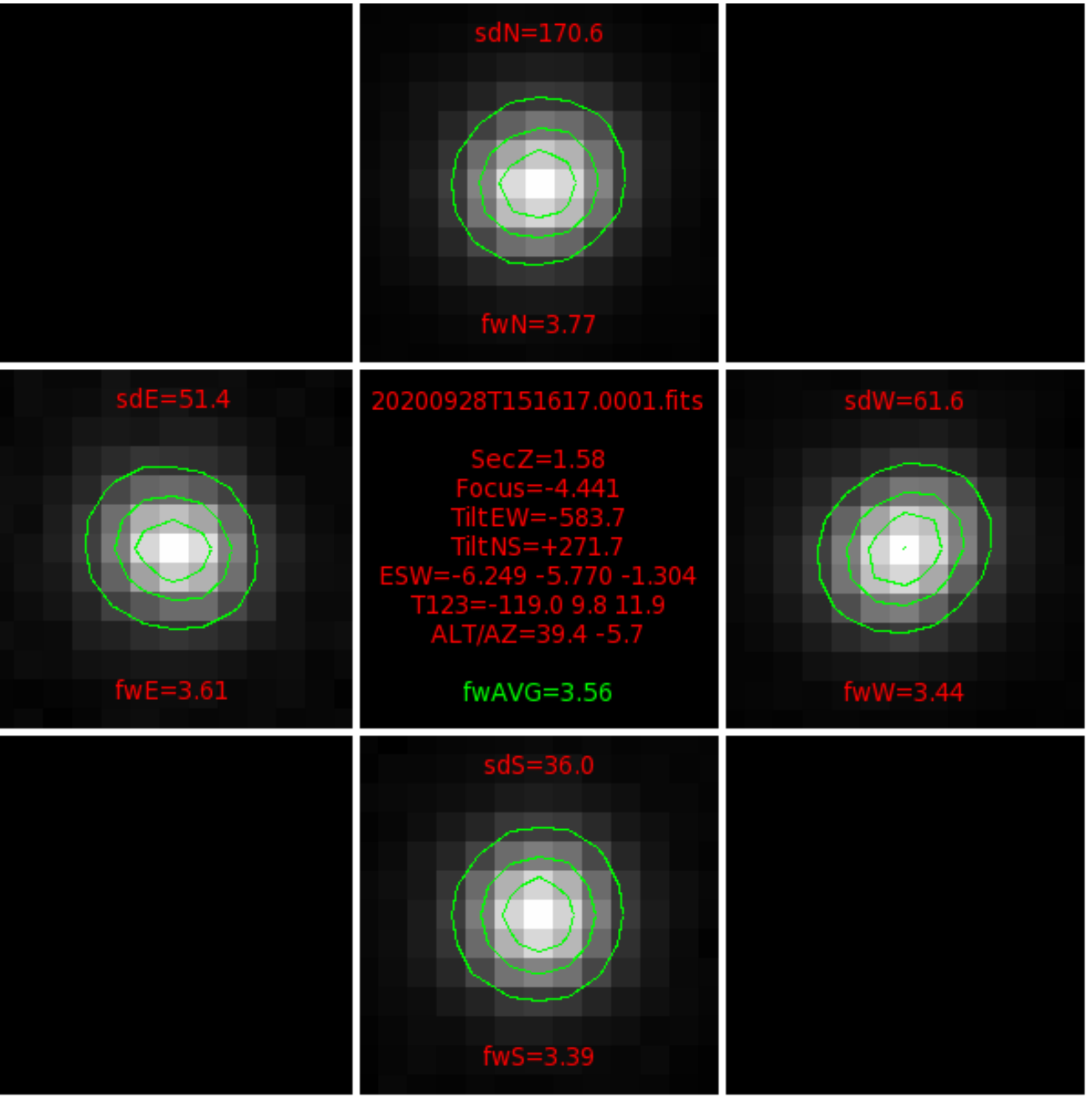
sdN=170.6
fwN=3.77
sdE=51.4
fwE=3.61
20200928T151617.0001.fits
SecZ=1.58
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.0 9.8 11.9
ALT/AZ=39.4 -5.7
fwAVG=3.56
sdW=61.6
fwW=3.44
sdS=36.0
fwS=3.39
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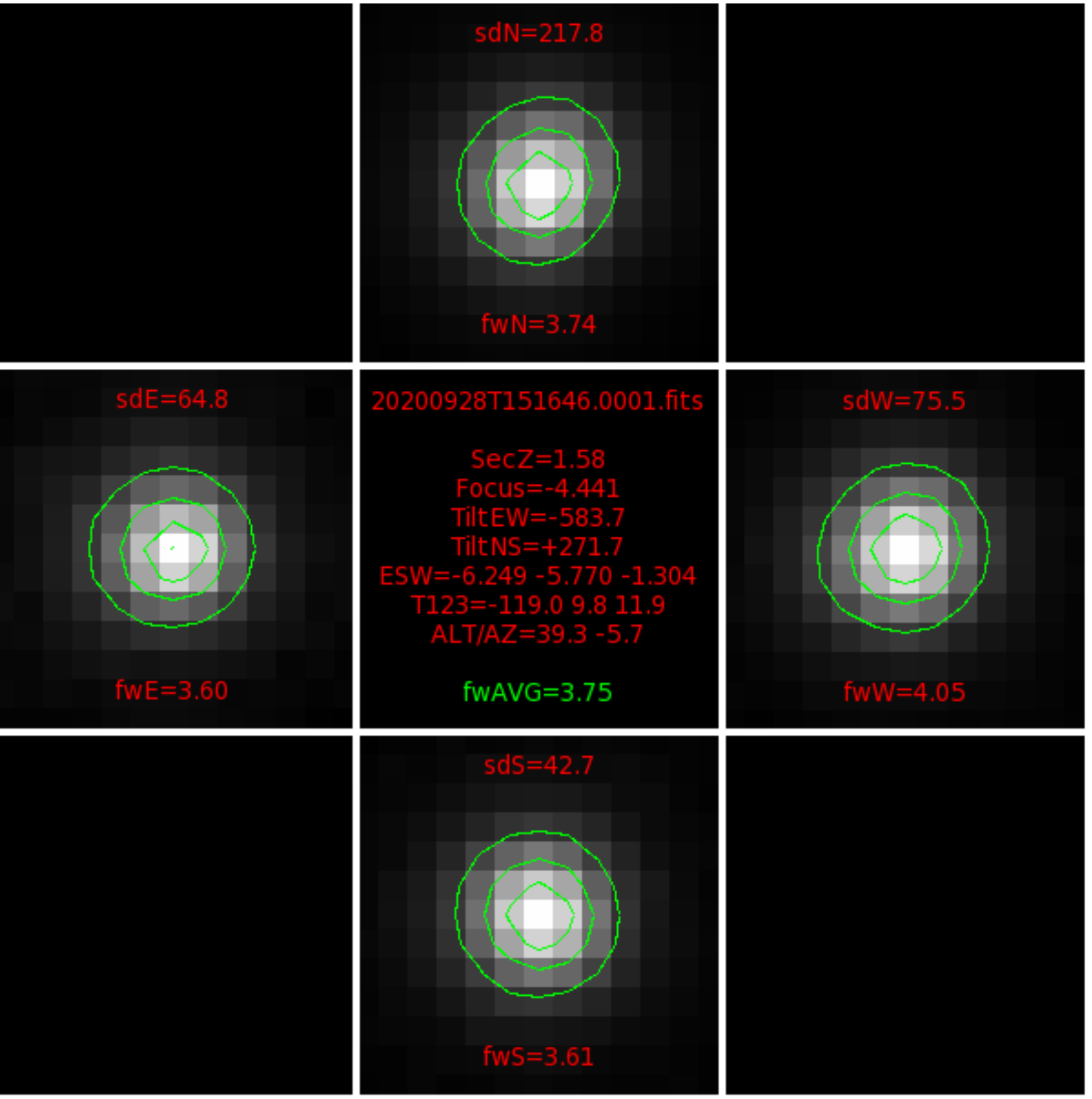
sdN=217.8
fwN=3.74
sdE=64.8
fwE=3.60
20200928T151646.0001.fits
SecZ=1.58
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.0 9.8 11.9
ALT/AZ=39.3 -5.7
fwAVG=3.75
sdW=75.5
fwW=4.05
sdS=42.7
fwS=3.61
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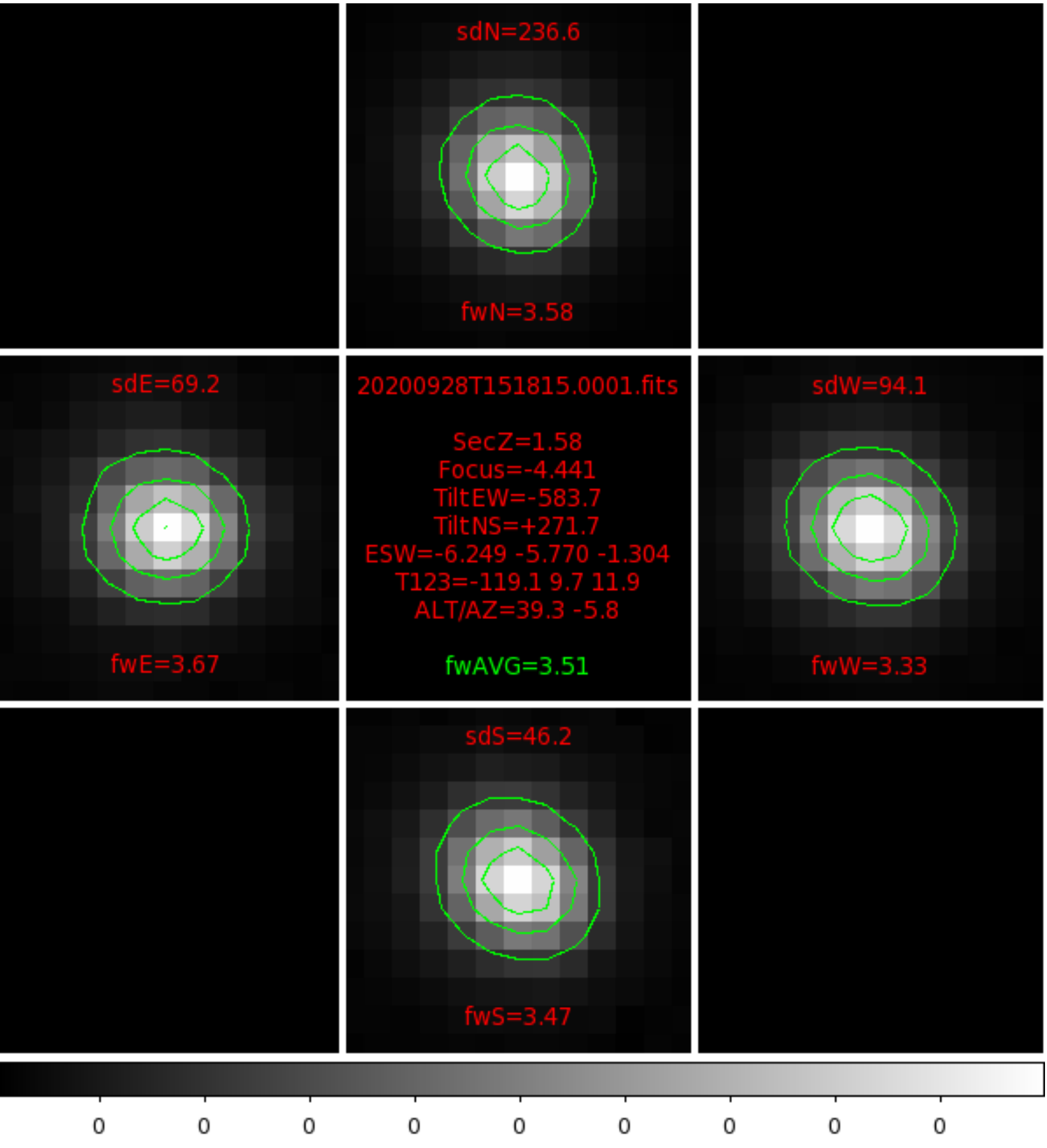
sdN=236.6
fwN=3.58
sdE=69.2
fwE=3.67
20200928T151815.0001.fits
SecZ=1.58
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.1 9.7 11.9
ALT/AZ=39.3 -5.8
fwAVG=3.51
sdW=94.1
fwW=3.33
sdS=46.2
fwS=3.47
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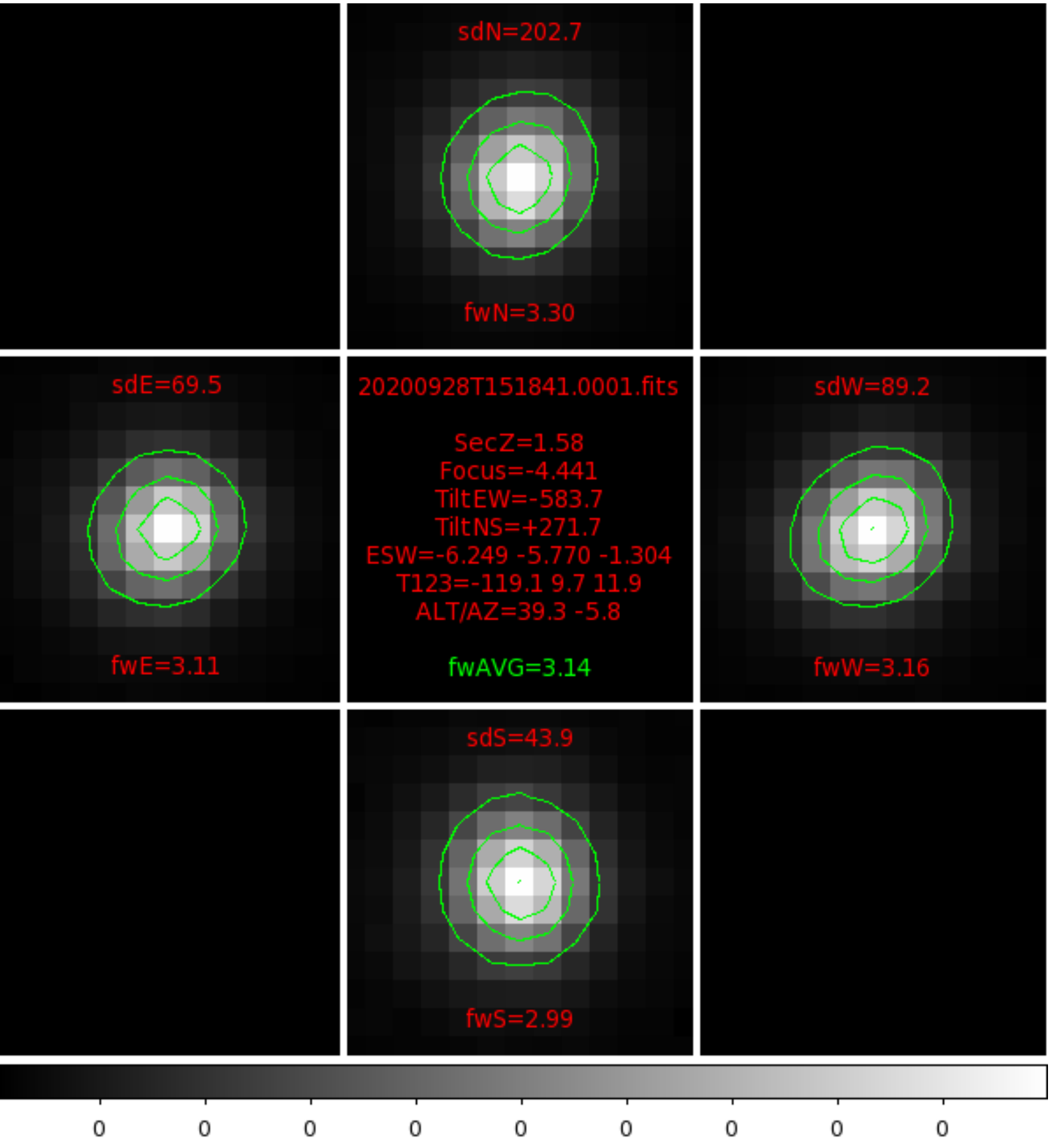
sdN=202.7
fwN=3.30
sdE=69.5
fwE=3.11
20200928T151841.0001.fits
SecZ=1.58
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.1 9.7 11.9
ALT/AZ=39.3 -5.8
fwAVG=3.14
sdW=89.2
fwW=3.16
sdS=43.9
fwS=2.99
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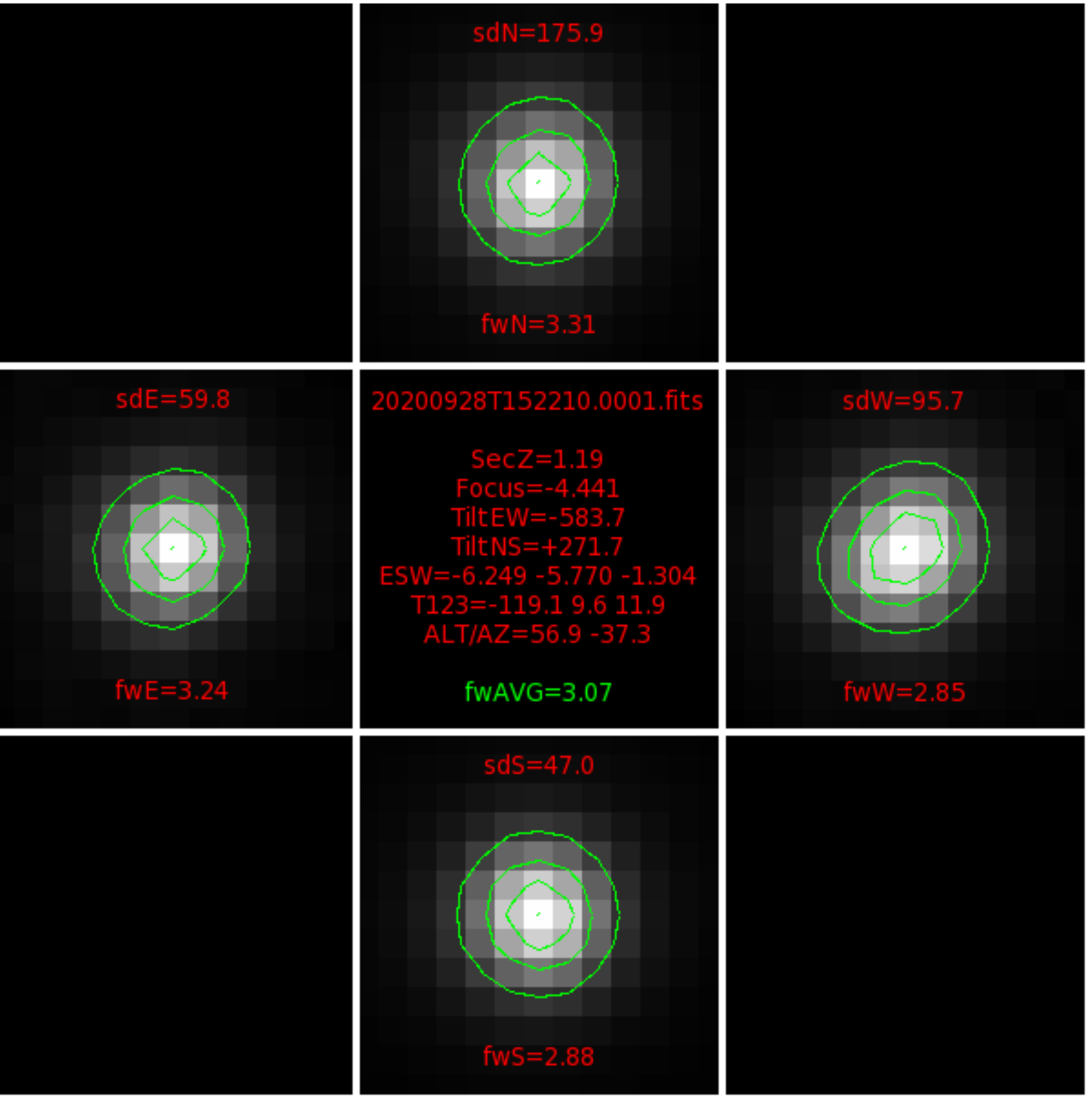
sdN=175.9
fwN=3.31
sdE=59.8
fwE=3.24
20200928T152210.0001.fits
SecZ=1.19
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.1 9.6 11.9
ALT/AZ=56.9 -37.3
fwAVG=3.07
sdW=95.7
fwW=2.85
sdS=47.0
fwS=2.88
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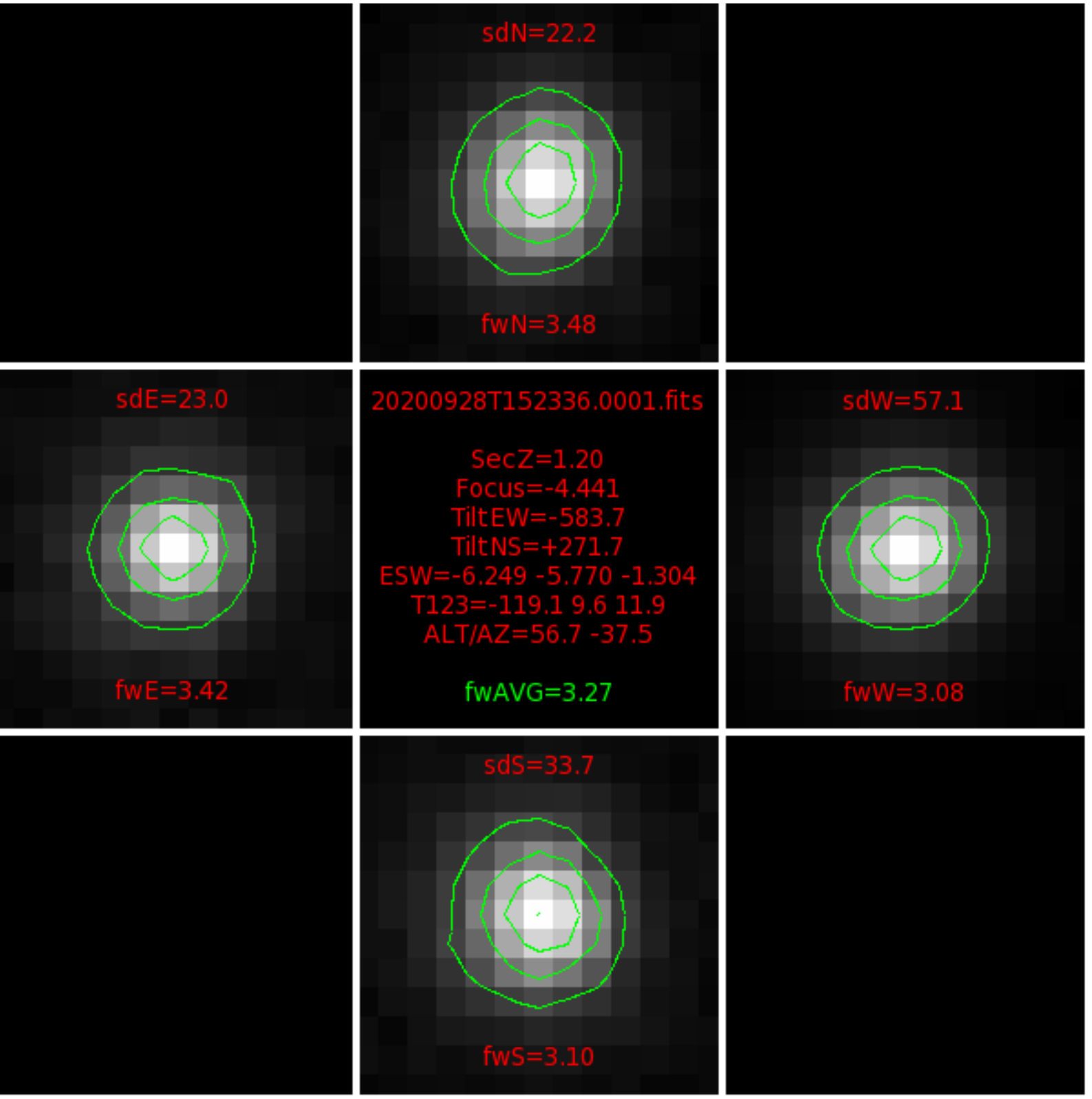
sdN=22.2
fwN=3.48
sdE=23.0
fwE=3.42
20200928T152336.0001.fits
SecZ=1.20
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.1 9.6 11.9
ALT/AZ=56.7 -37.5
fwAVG=3.27
sdW=57.1
fwW=3.08
sdS=33.7
fwS=3.10
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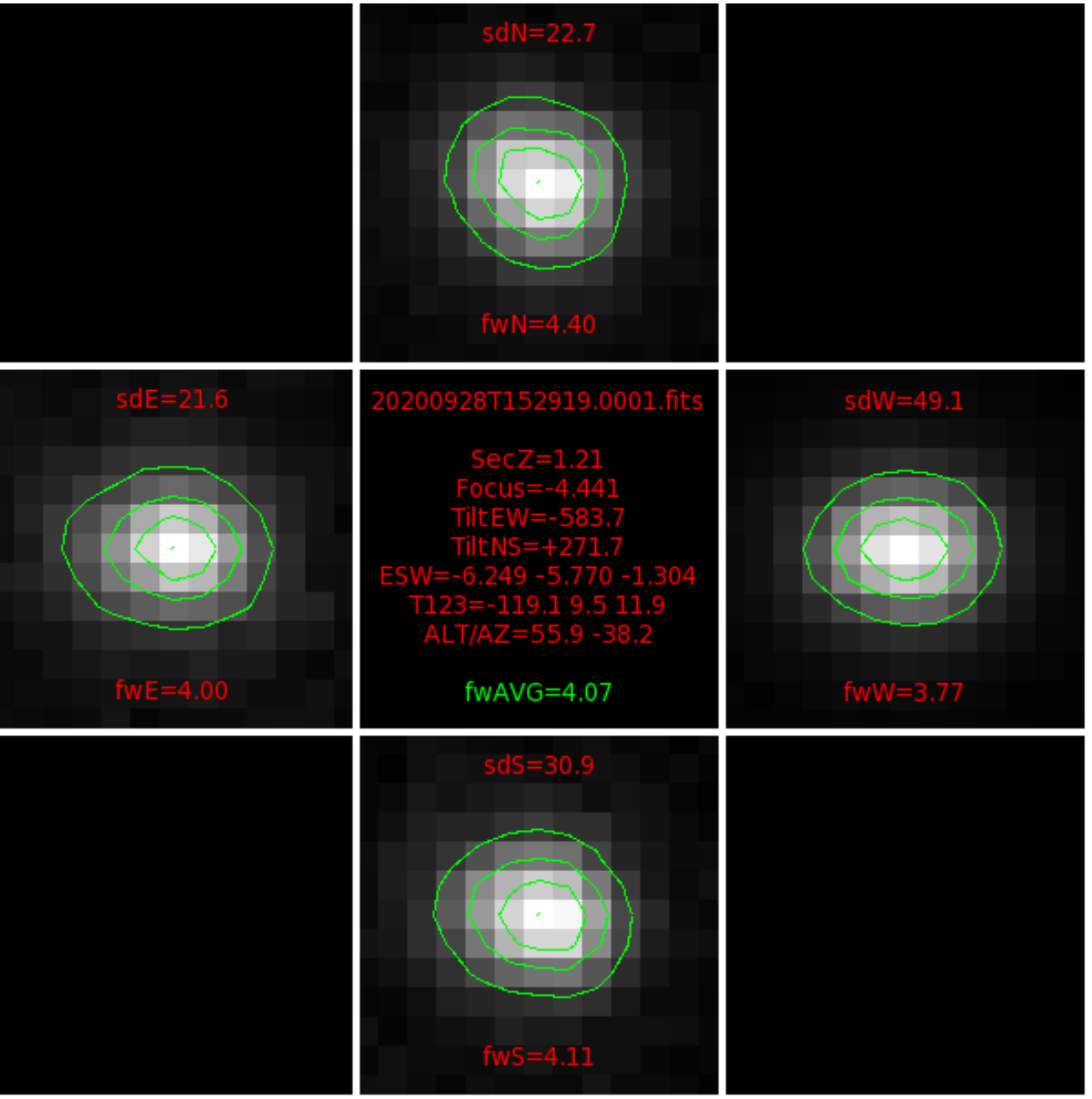
sdN=22.7
fwN=4.40
sdE=21.6
fwE=4.00
20200928T152919.0001.fits
SecZ=1.21
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.1 9.5 11.9
ALT/AZ=55.9 -38.2
fwAVG=4.07
sdW=49.1
fwW=3.77
sdS=30.9
fwS=4.11
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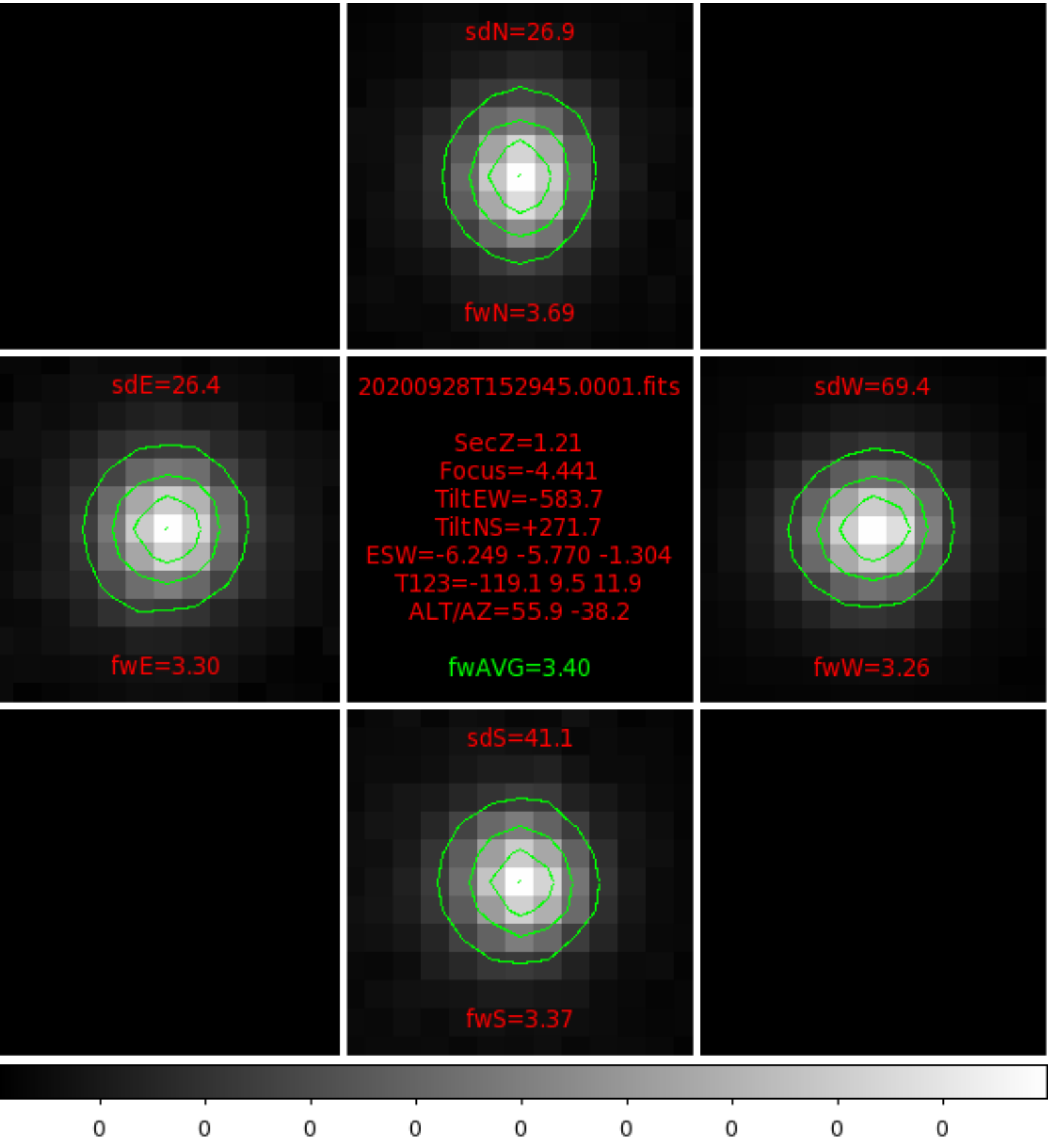
sdN=26.9
fwN=3.69
sdE=26.4
fwE=3.30
20200928T152945.0001.fits
SecZ=1.21
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.1 9.5 11.9
ALT/AZ=55.9 -38.2
fwAVG=3.40
sdW=69.4
fwW=3.26
sdS=41.1
fwS=3.37
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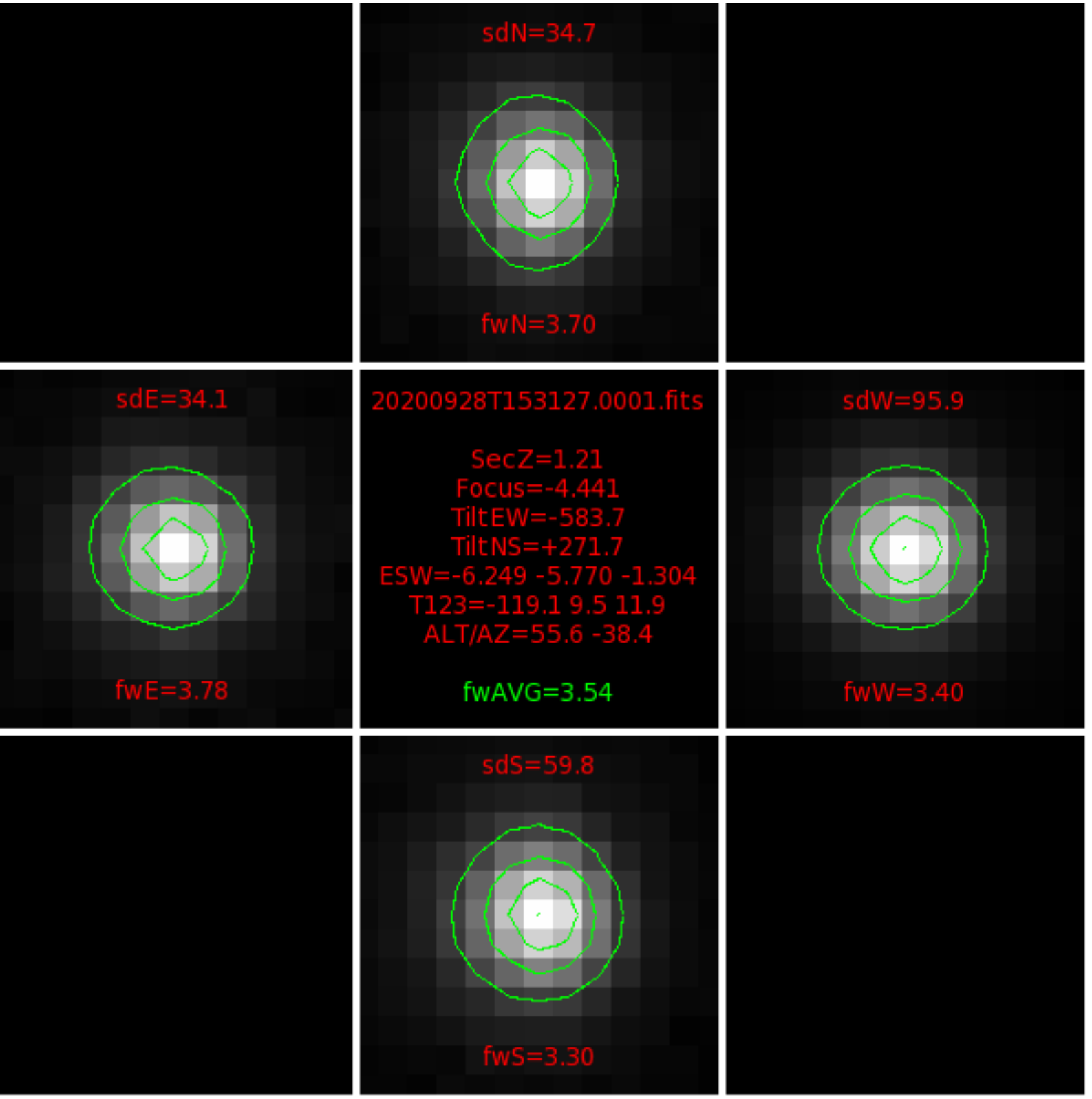
sdN=34.7
fwN=3.70
sdE=34.1
fwE=3.78
20200928T153127.0001.fits
SecZ=1.21
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.1 9.5 11.9
ALT/AZ=55.6 -38.4
fwAVG=3.54
sdW=95.9
fwW=3.40
sdS=59.8
fwS=3.30
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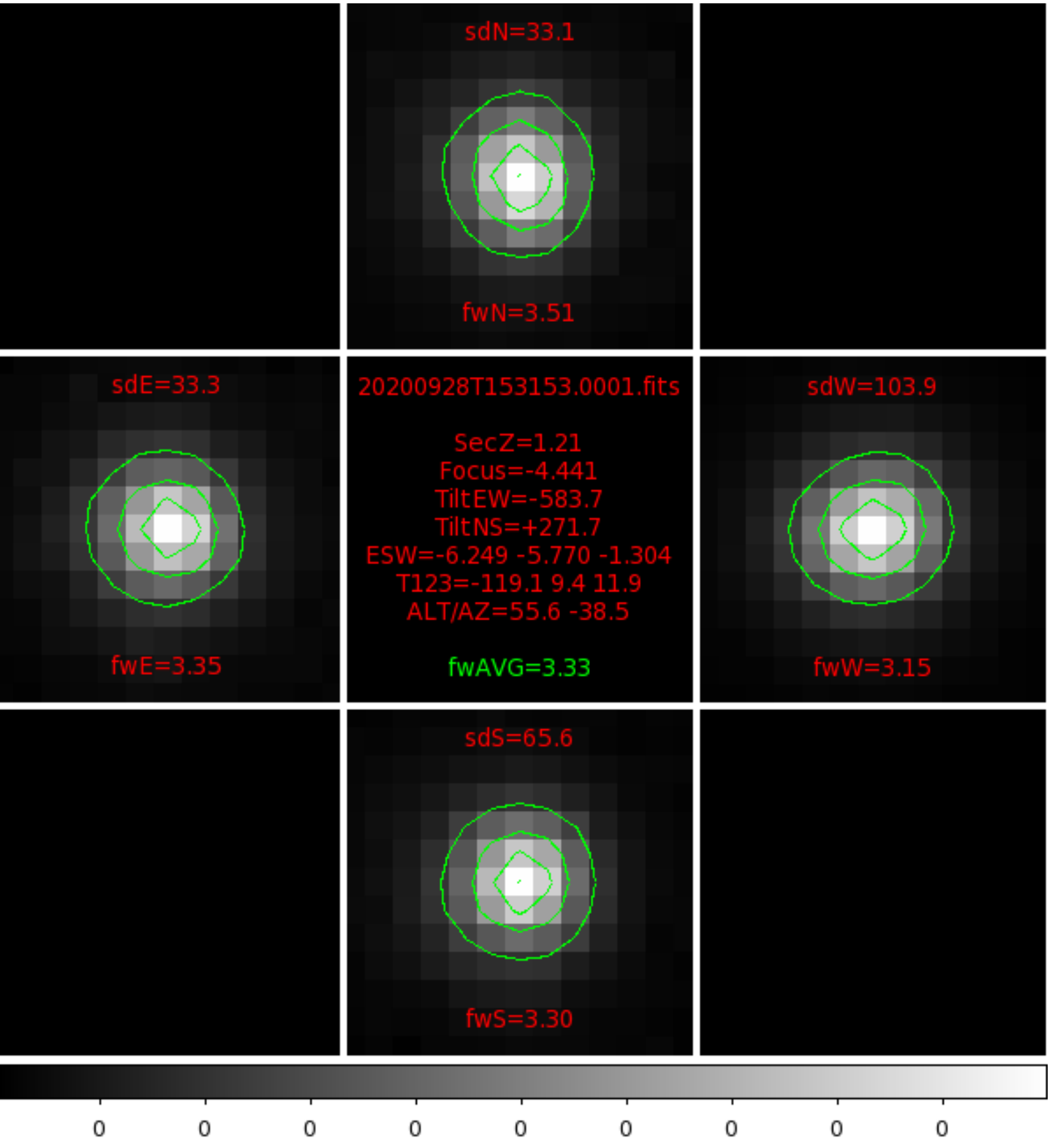
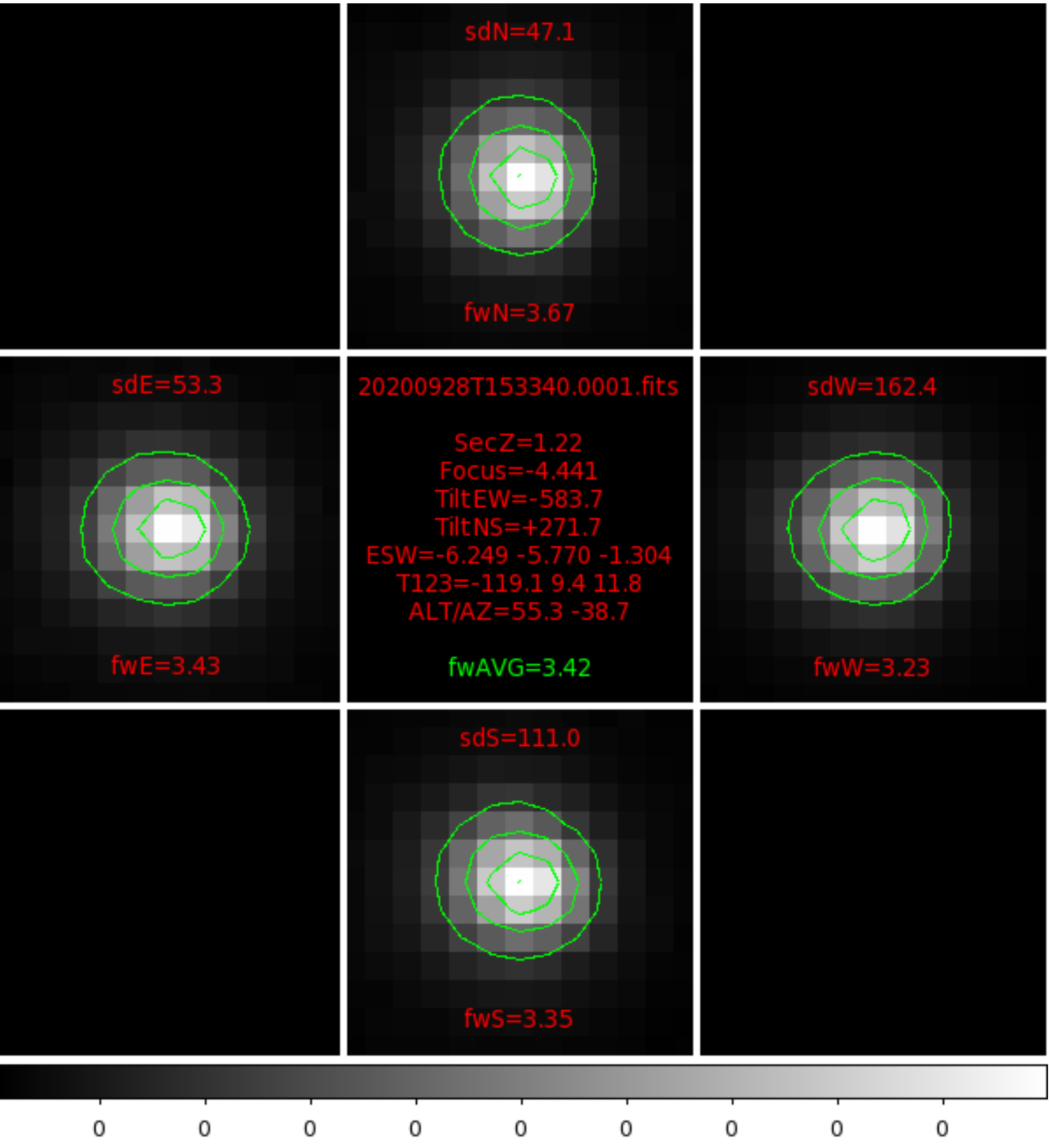

sdN=33.1
fwN=3.51
sdE=33.3
fwE=3.35
20200928T153153.0001.fits
SecZ=1.21
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.1 9.4 11.9
ALT/AZ=55.6 -38.5
fwAVG=3.33
sdW=103.9
fwW=3.15
sdS=65.6
fwS=3.30
0 0 0 0 0 0 0 0 0


sdN=47.1
fwN=3.67
sdE=53.3
fwE=3.43
20200928T153340.0001.fits
SecZ=1.22
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.1 9.4 11.8
ALT/AZ=55.3 -38.7
fwAVG=3.42
sdW=162.4
fwW=3.23
sdS=111.0
fwS=3.35
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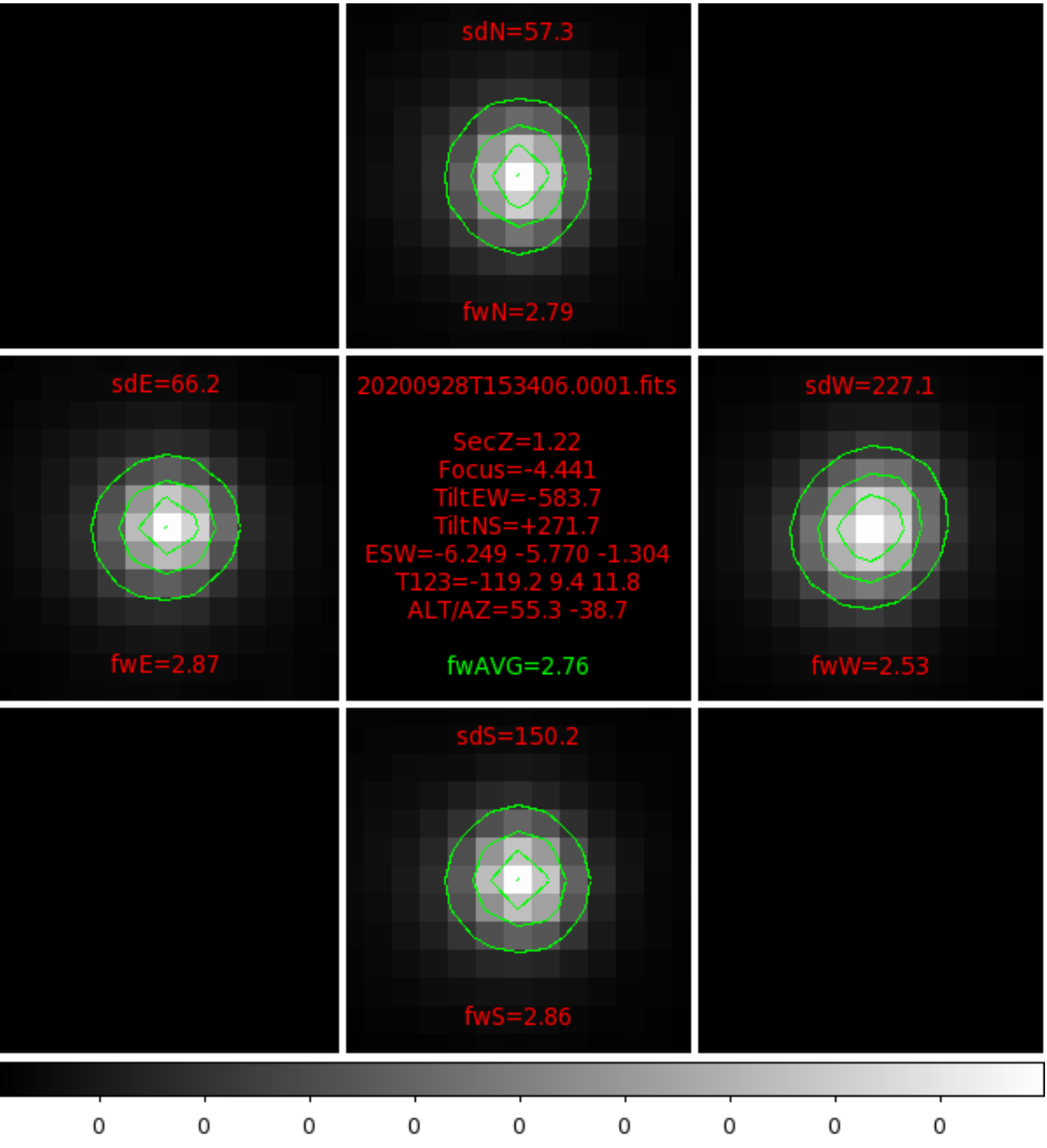
sdN=57.3
fwN=2.79
sdE=66.2
fwE=2.87
20200928T153406.0001.fits
SecZ=1.22
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.2 9.4 11.8
ALT/AZ=55.3 -38.7
fwAVG=2.76
sdW=227.1
fwW=2.53
sdS=150.2
fwS=2.86
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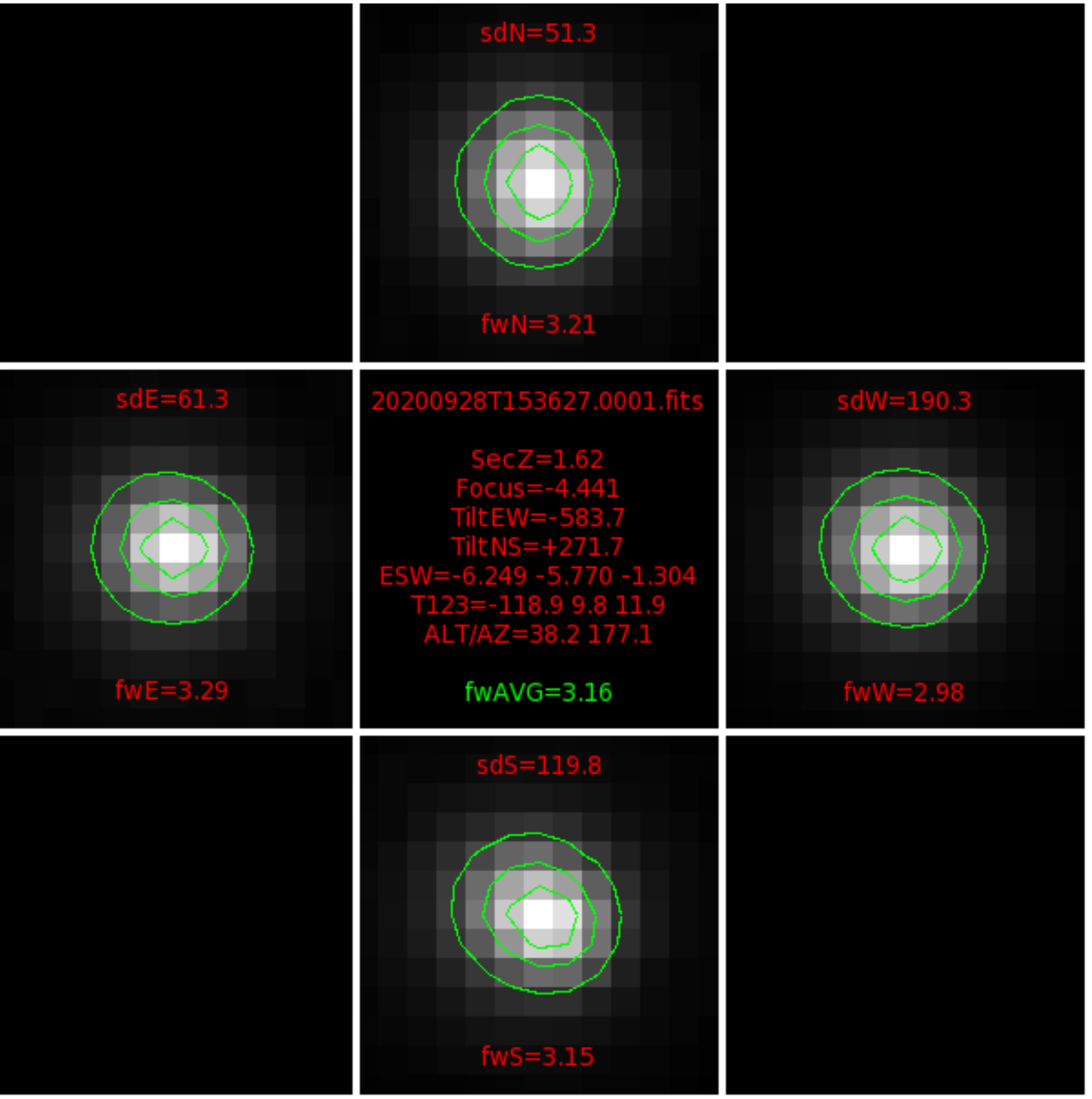
sdN=51.3
fwN=3.21
sdE=61.3
fwE=3.29
20200928T153627.0001.fits
SecZ=1.62
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-118.9 9.8 11.9
ALT/AZ=38.2 177.1
fwAVG=3.16
sdW=190.3
fwW=2.98
sdS=119.8
fwS=3.15
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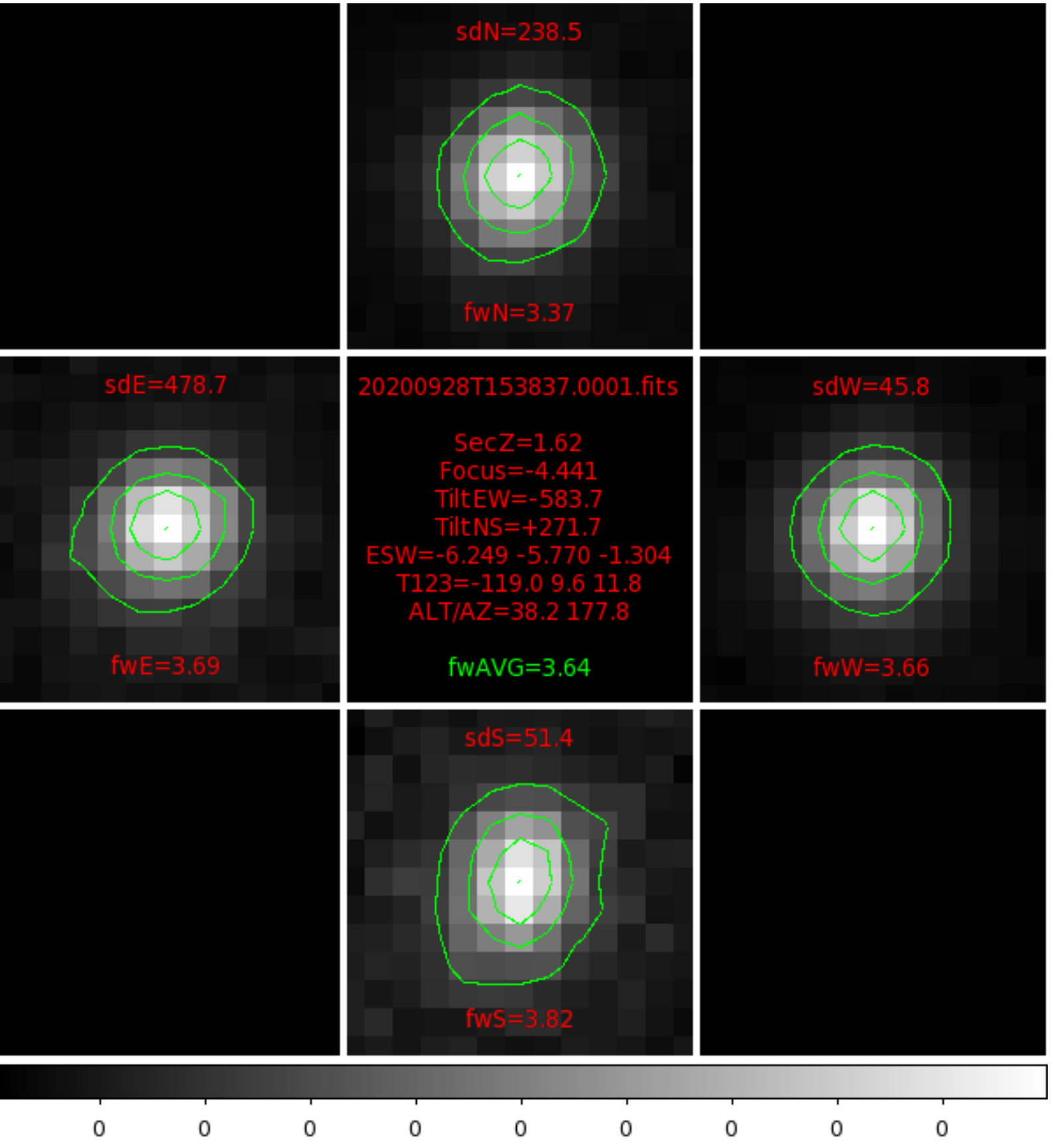
sdN=238.5
fwN=3.37
sdE=478.7
fwE=3.69
20200928T153837.0001.fits
SecZ=1.62
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.0 9.6 11.8
ALT/AZ=38.2 177.8
fwAVG=3.64
sdW=45.8
fwW=3.66
sdS=51.4
fwS=3.82
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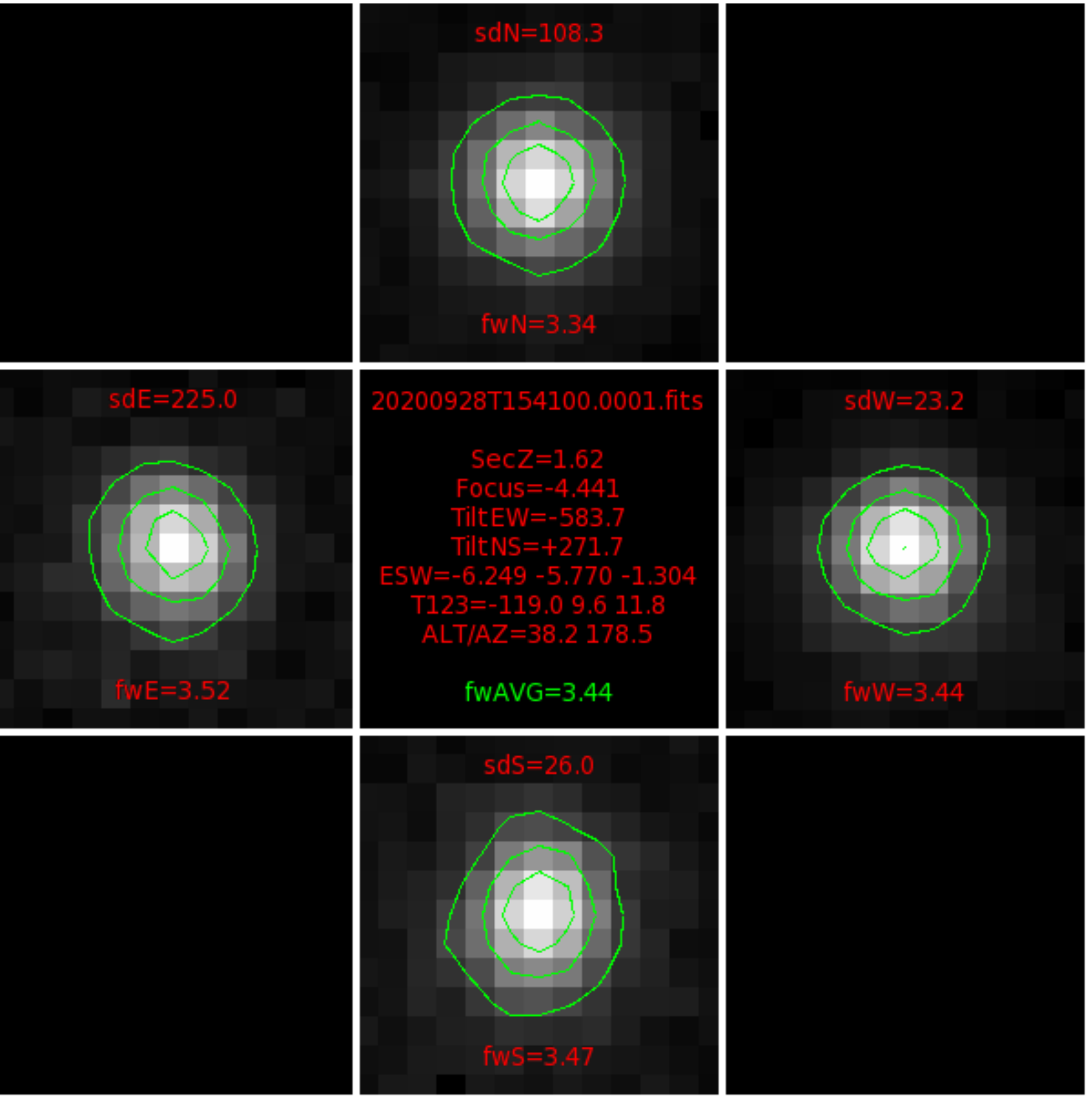
sdN=108.3
fwN=3.34
sdE=225.0
fwE=3.52
20200928T154100.0001.fits
SecZ=1.62
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.0 9.6 11.8
ALT/AZ=38.2 178.5
fwAVG=3.44
sdW=23.2
fwW=3.44
sdS=26.0
fwS=3.47
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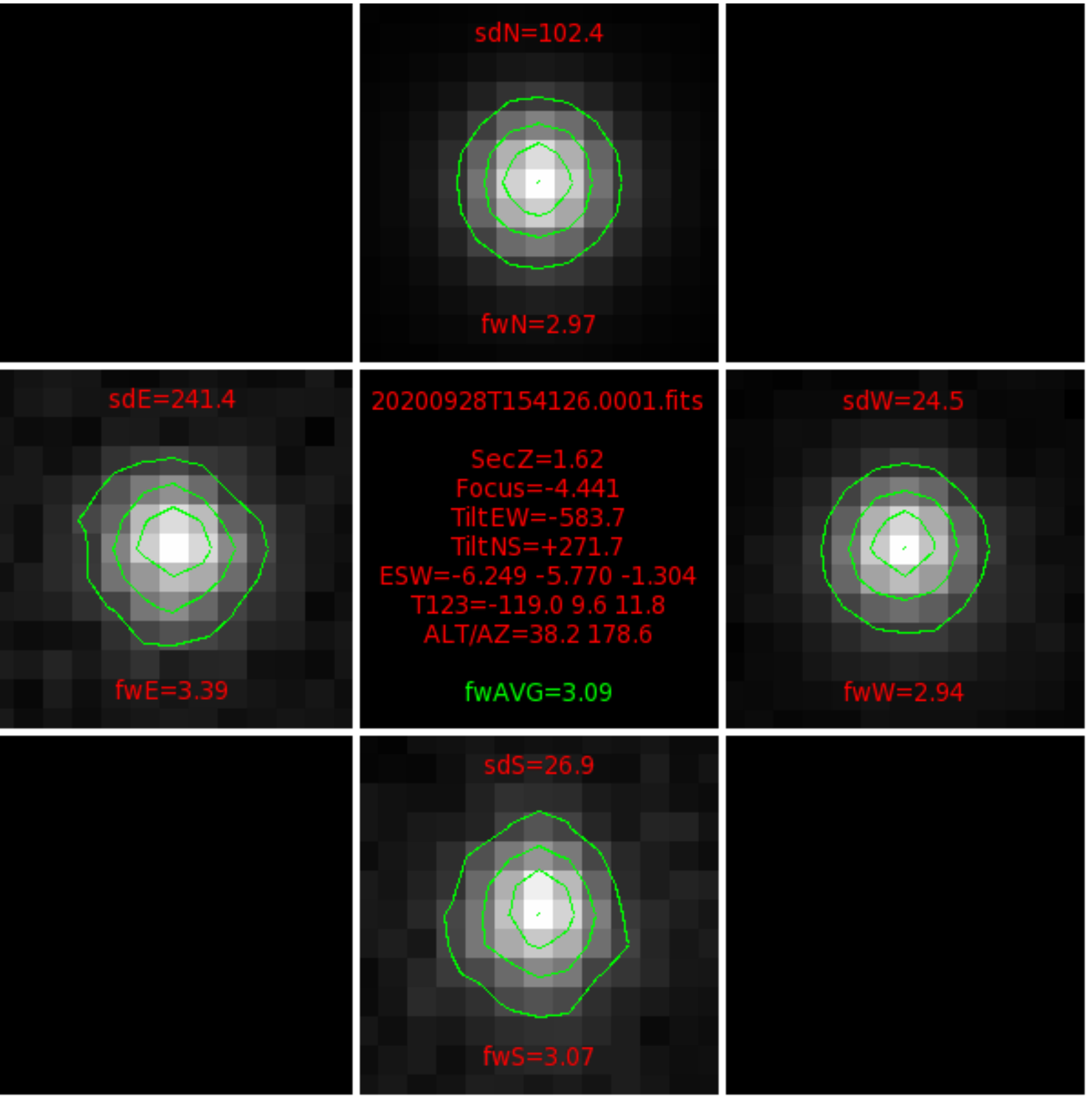
sdN=102.4
fwN=2.97
sdE=241.4
fwE=3.39
20200928T154126.0001.fits
SecZ=1.62
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-119.0 9.6 11.8
ALT/AZ=38.2 178.6
fwAVG=3.09
sdW=24.5
fwW=2.94
sdS=26.9
fwS=3.07
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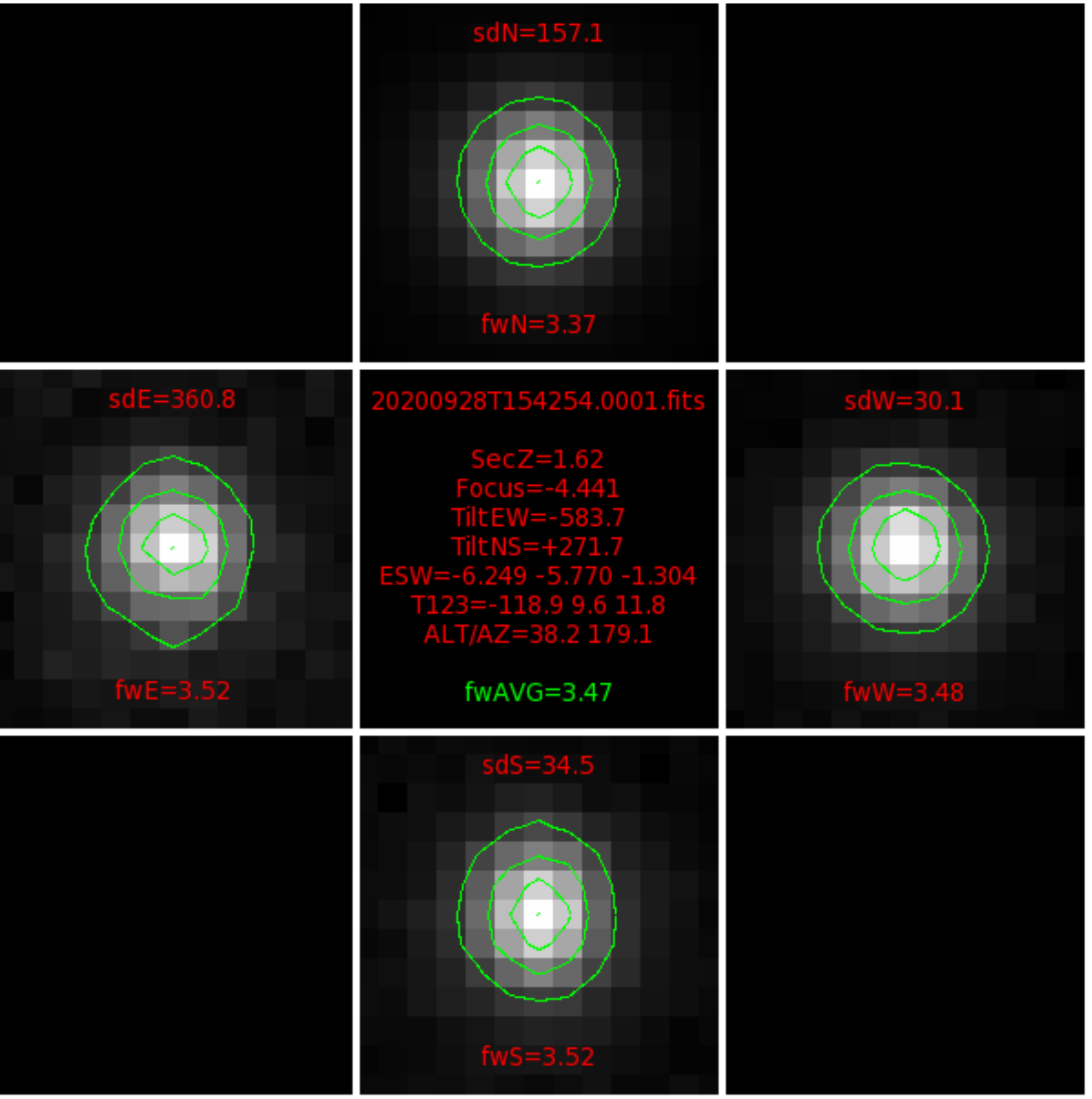
sdN=157.1
fwN=3.37
sdE=360.8
fwE=3.52
20200928T154254.0001.fits
SecZ=1.62
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-118.9 9.6 11.8
ALT/AZ=38.2 179.1
fwAVG=3.47
sdW=30.1
fwW=3.48
sdS=34.5
fwS=3.52
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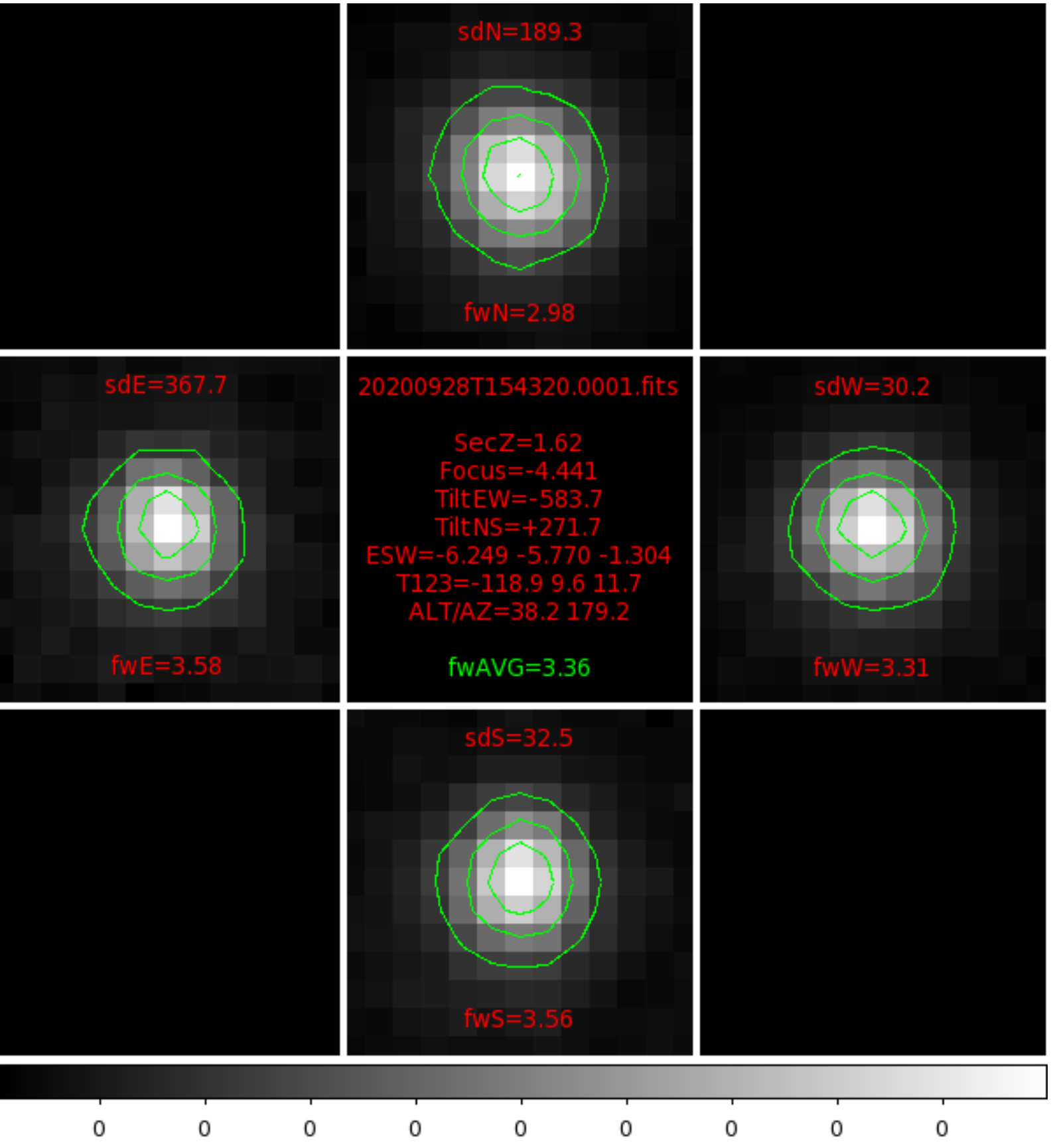
sdN=189.3
fwN=2.98
sdE=367.7
fwE=3.58
20200928T154320.0001.fits
SecZ=1.62
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-118.9 9.6 11.7
ALT/AZ=38.2 179.2
fwAVG=3.36
sdW=30.2
fwW=3.31
sdS=32.5
fwS=3.56
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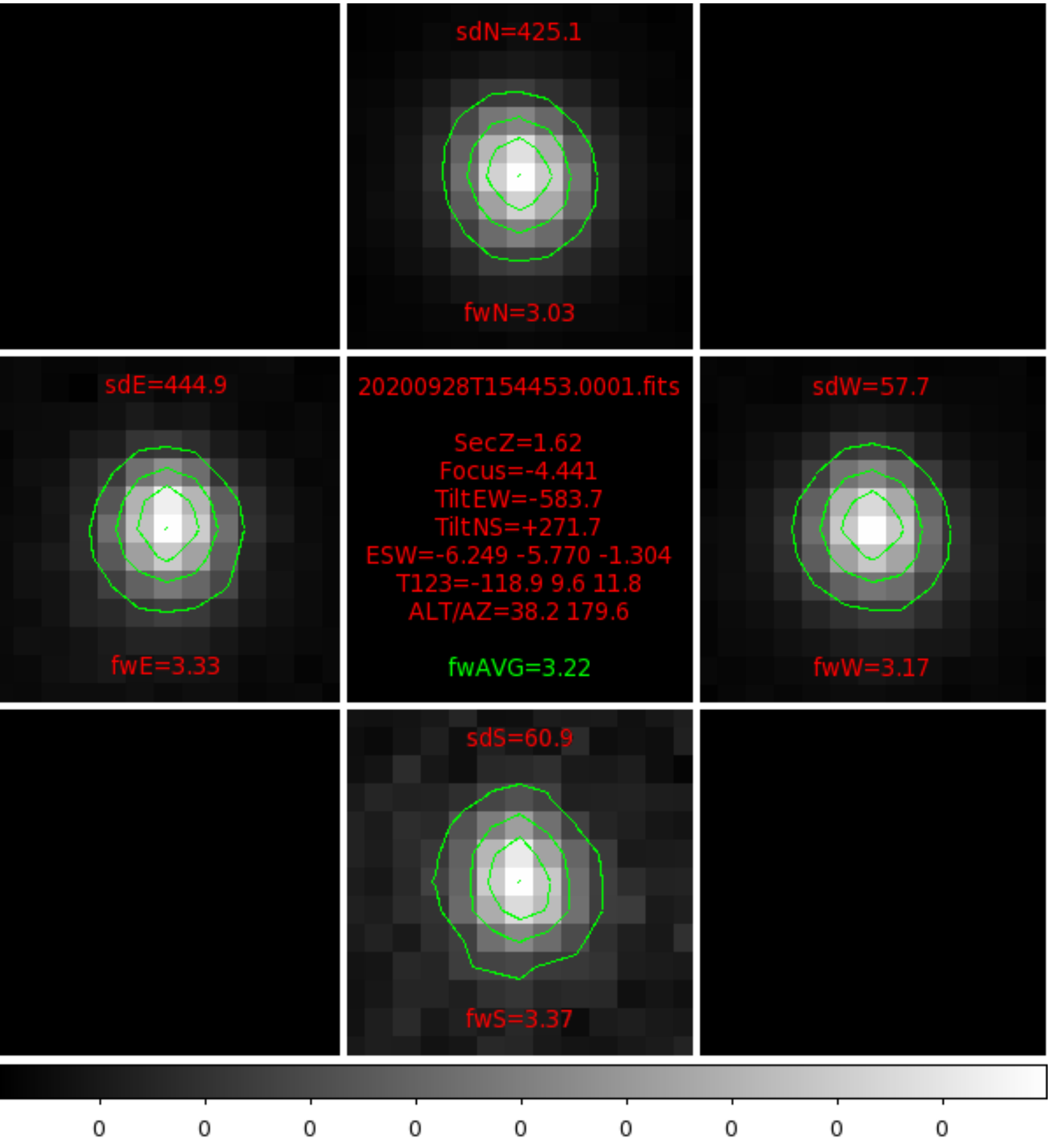
sdN=425.1
fwN=3.03
sdE=444.9
fwE=3.33
20200928T154453.0001.fits
SecZ=1.62
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-118.9 9.6 11.8
ALT/AZ=38.2 179.6
fwAVG=3.22
sdW=57.7
fwW=3.17
sdS=60.9
fwS=3.37
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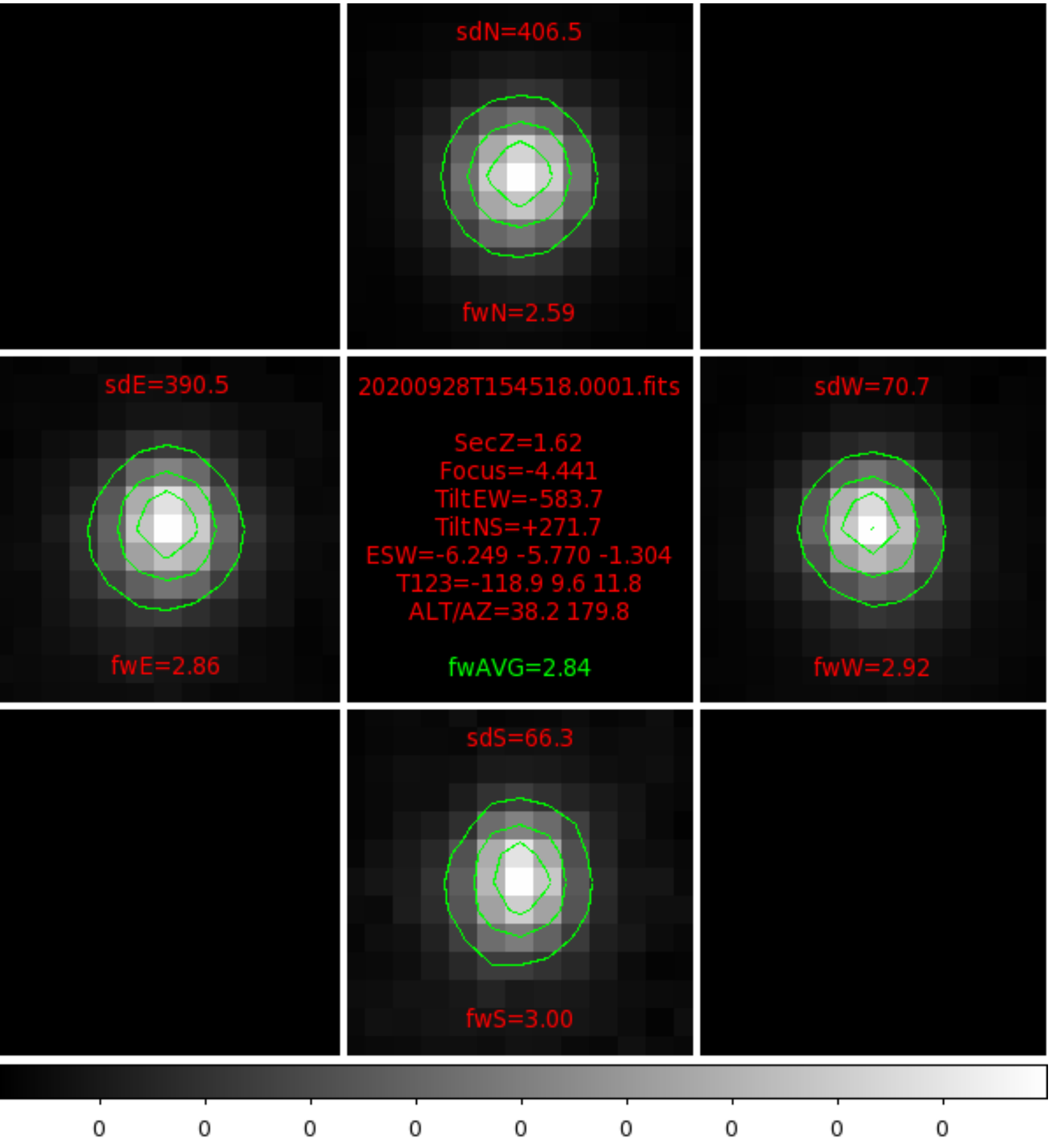
sdN=406.5
fwN=2.59
sdE=390.5
fwE=2.86
20200928T154518.0001.fits
SecZ=1.62
Focus=-4.441
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.249 -5.770 -1.304
T123=-118.9 9.6 11.8
ALT/AZ=38.2 179.8
fwAVG=2.84
sdW=70.7
fwW=2.92
sdS=66.3
fwS=3.00
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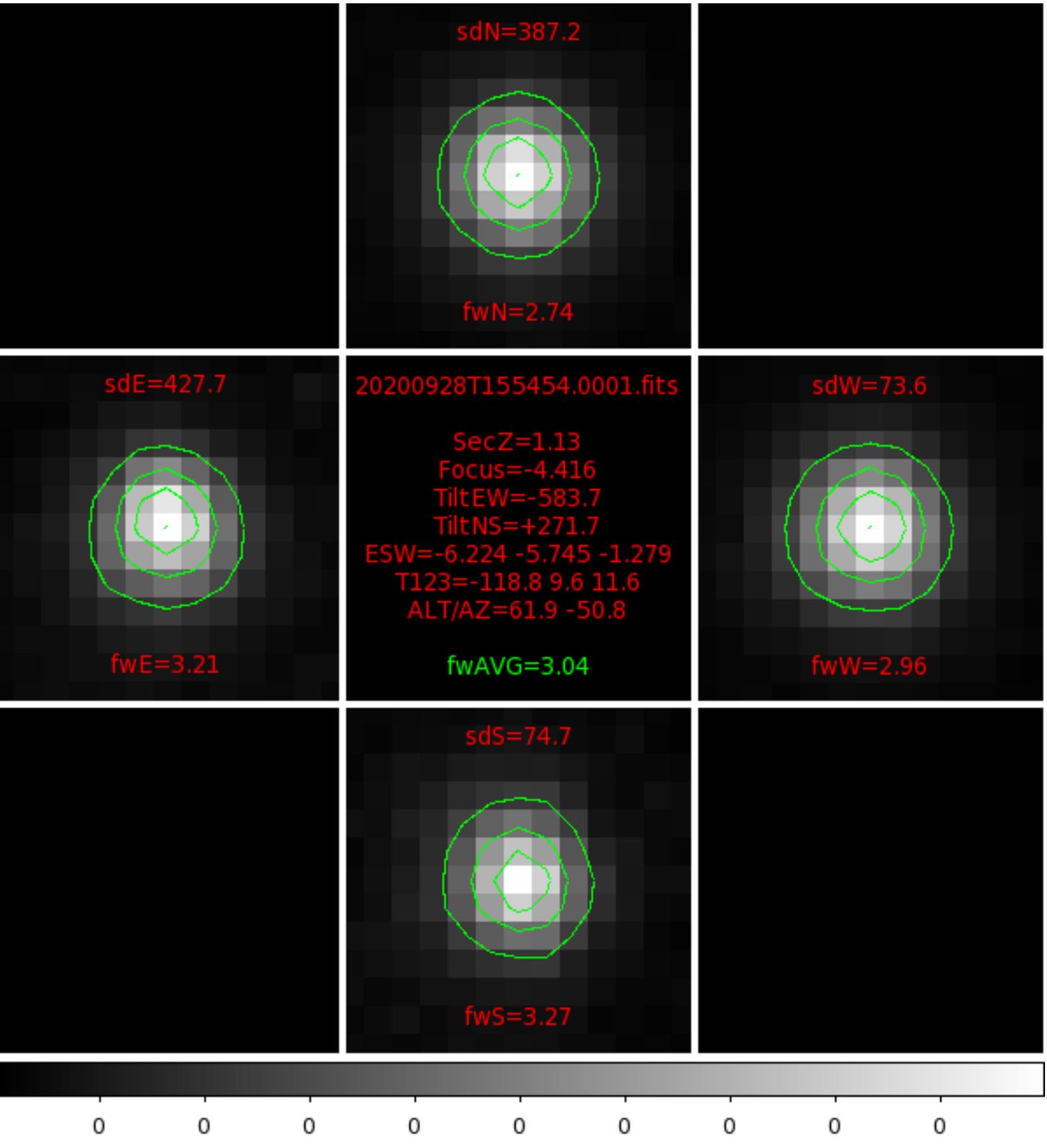
sdN=387.2
fwN=2.74
sdE=427.7
fwE=3.21
20200928T155454.0001.fits
SecZ=1.13
Focus=-4.416
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.224 -5.745 -1.279
T123=-118.8 9.6 11.6
ALT/AZ=61.9 -50.8
fwAVG=3.04
sdW=73.6
fwW=2.96
sdS=74.7
fwS=3.27
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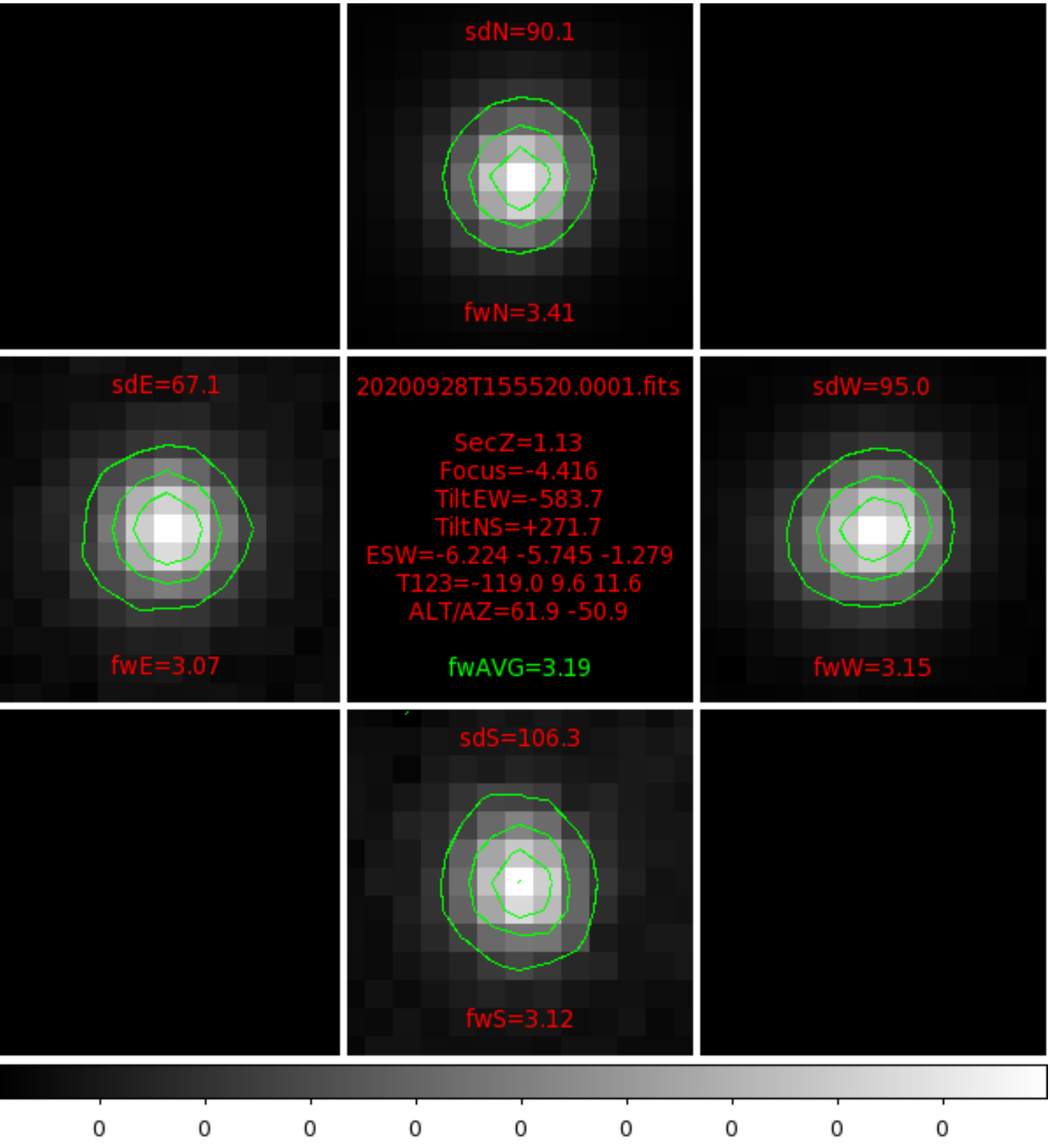
sdN=90.1
fwN=3.41
sdE=67.1
fwE=3.07
20200928T155520.0001.fits
SecZ=1.13
Focus=-4.416
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.224 -5.745 -1.279
T123=-119.0 9.6 11.6
ALT/AZ=61.9 -50.9
fwAVG=3.19
sdW=95.0
fwW=3.15
sdS=106.3
fwS=3.12
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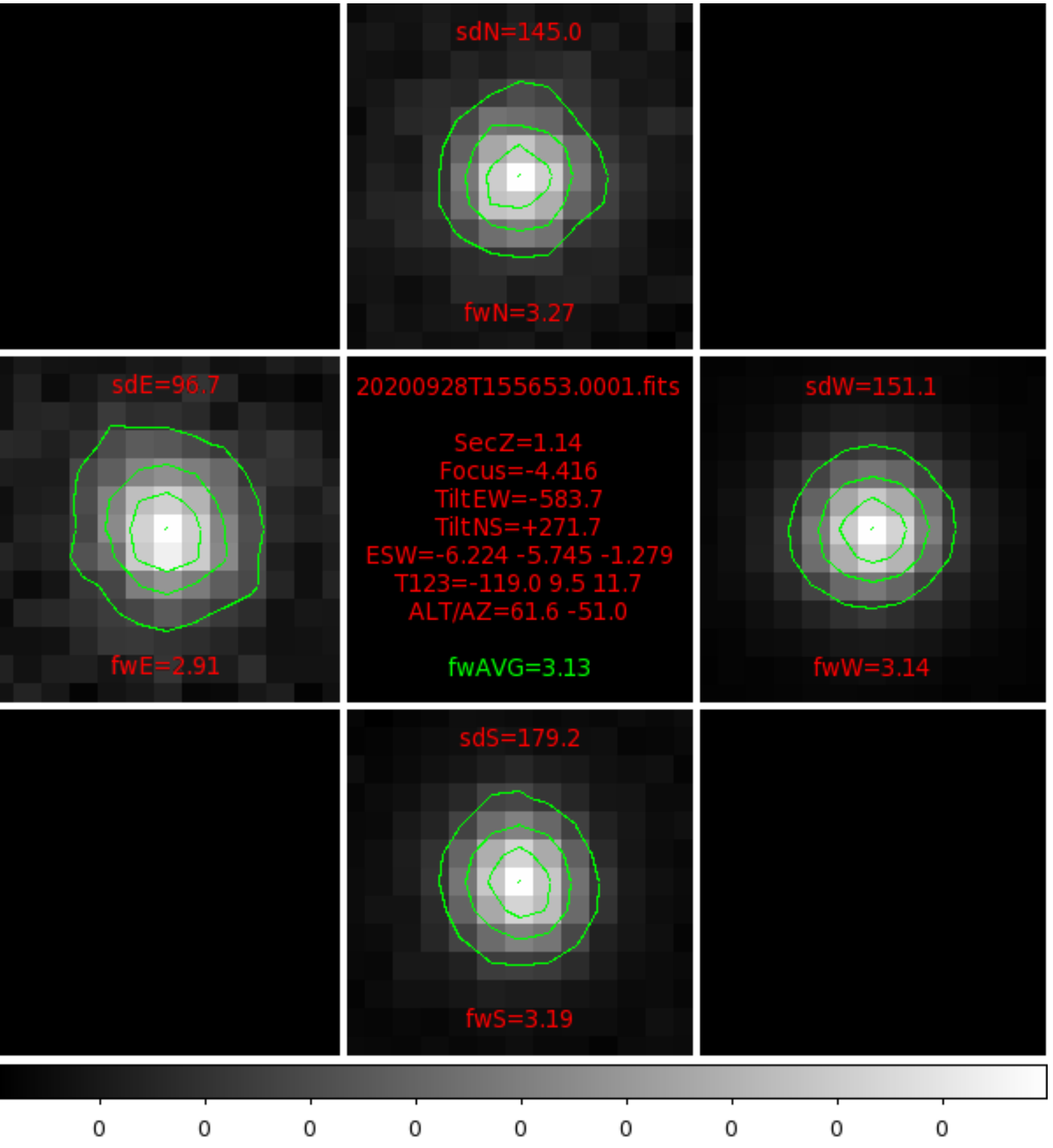
sdN=145.0
fwN=3.27
sdE=96.7
fwE=2.91
20200928T155653.0001.fits
SecZ=1.14
Focus=-4.416
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.224 -5.745 -1.279
T123=-119.0 9.5 11.7
ALT/AZ=61.6 -51.0
fwAVG=3.13
sdW=151.1
fwW=3.14
sdS=179.2
fwS=3.19
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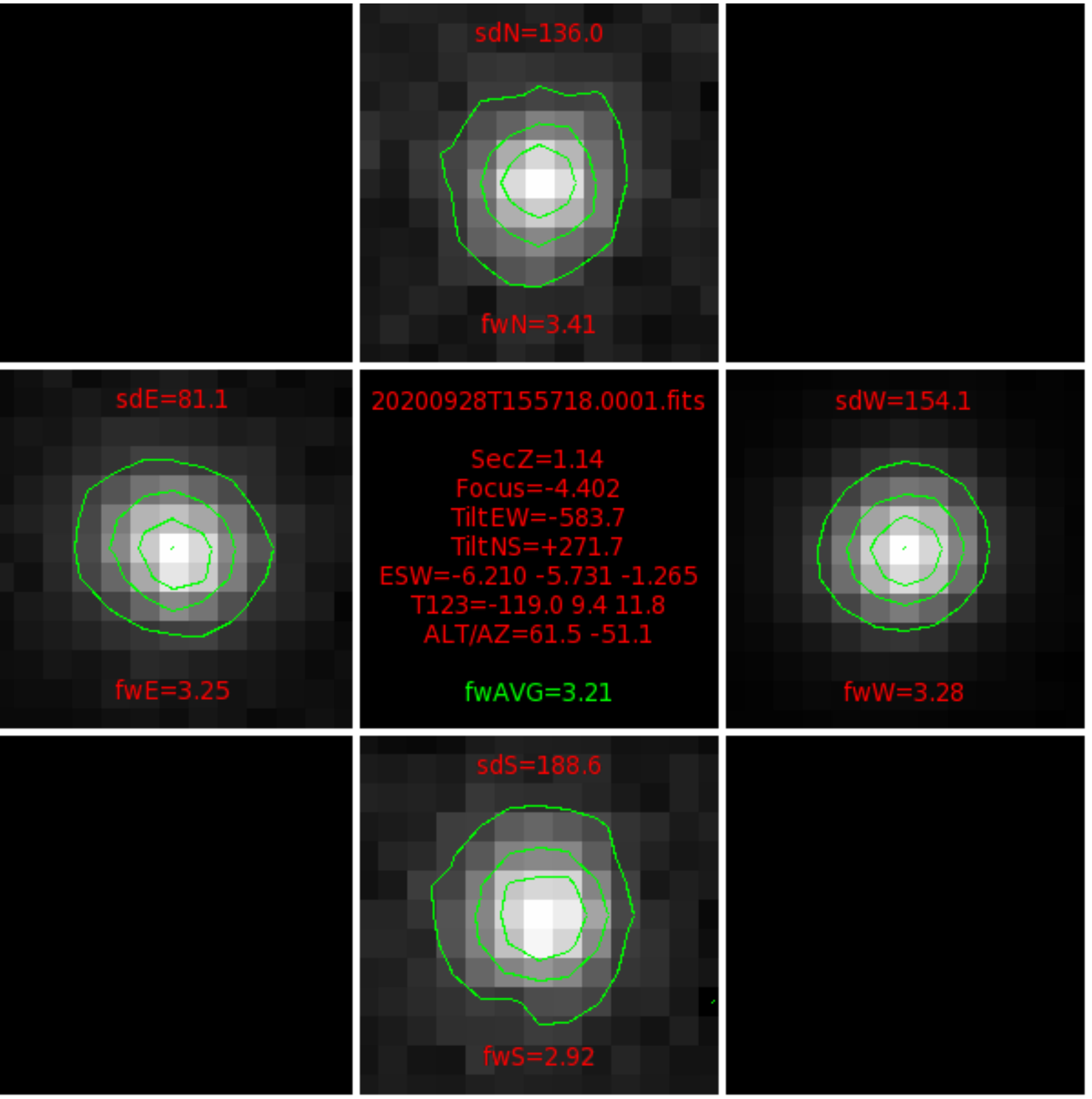
sdN=136.0
fwN=3.41
sdE=81.1
fwE=3.25
20200928T155718.0001.fits
SecZ=1.14
Focus=-4.402
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.210 -5.731 -1.265
T123=-119.0 9.4 11.8
ALT/AZ=61.5 -51.1
fwAVG=3.21
sdW=154.1
fwW=3.28
sdS=188.6
fwS=2.92
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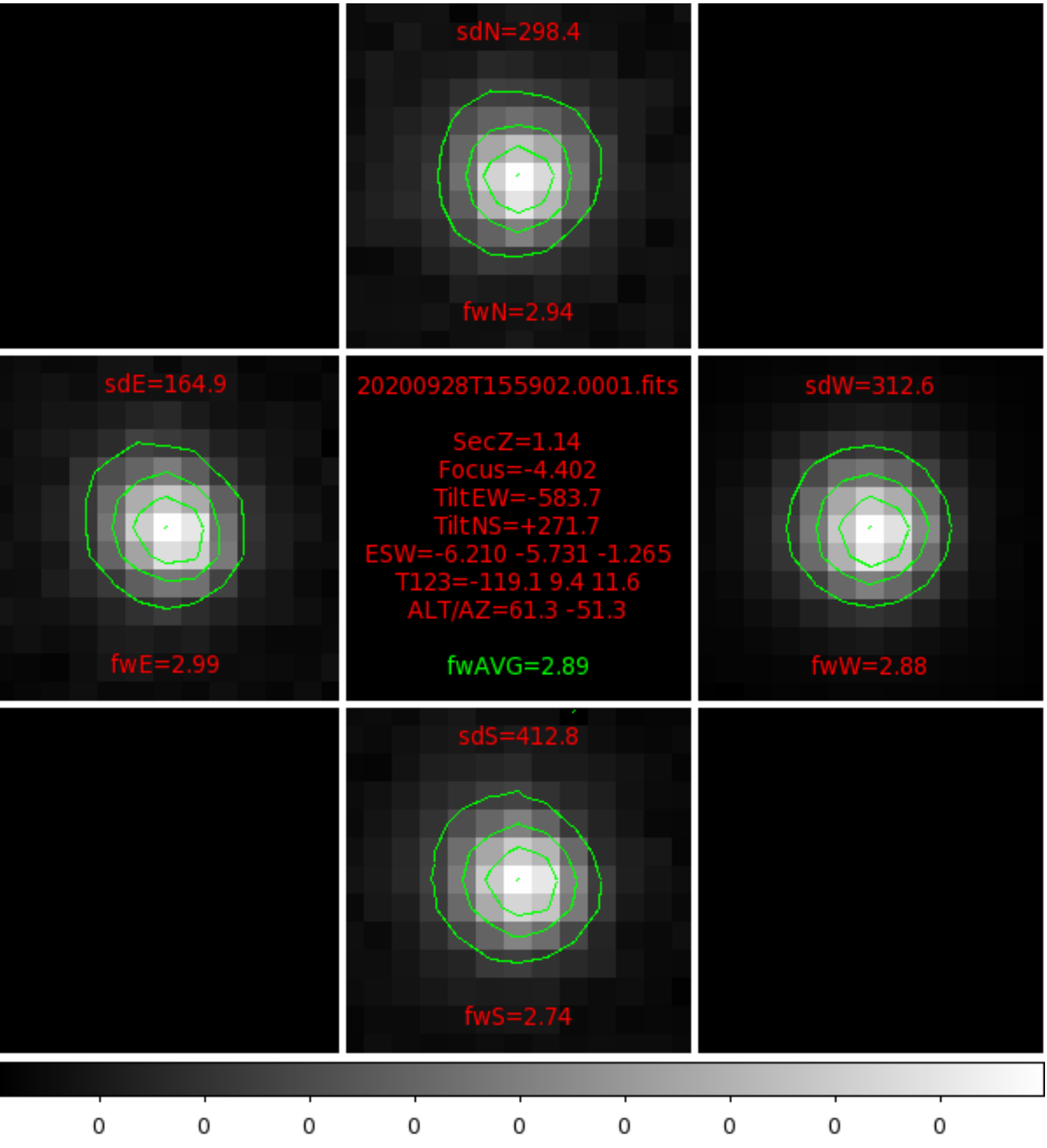
sdN=298.4
fwN=2.94
sdE=164.9
fwE=2.99
20200928T155902.0001.fits
SecZ=1.14
Focus=-4.402
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.210 -5.731 -1.265
T123=-119.1 9.4 11.6
ALT/AZ=61.3 -51.3
fwAVG=2.89
sdW=312.6
fwW=2.88
sdS=412.8
fwS=2.74
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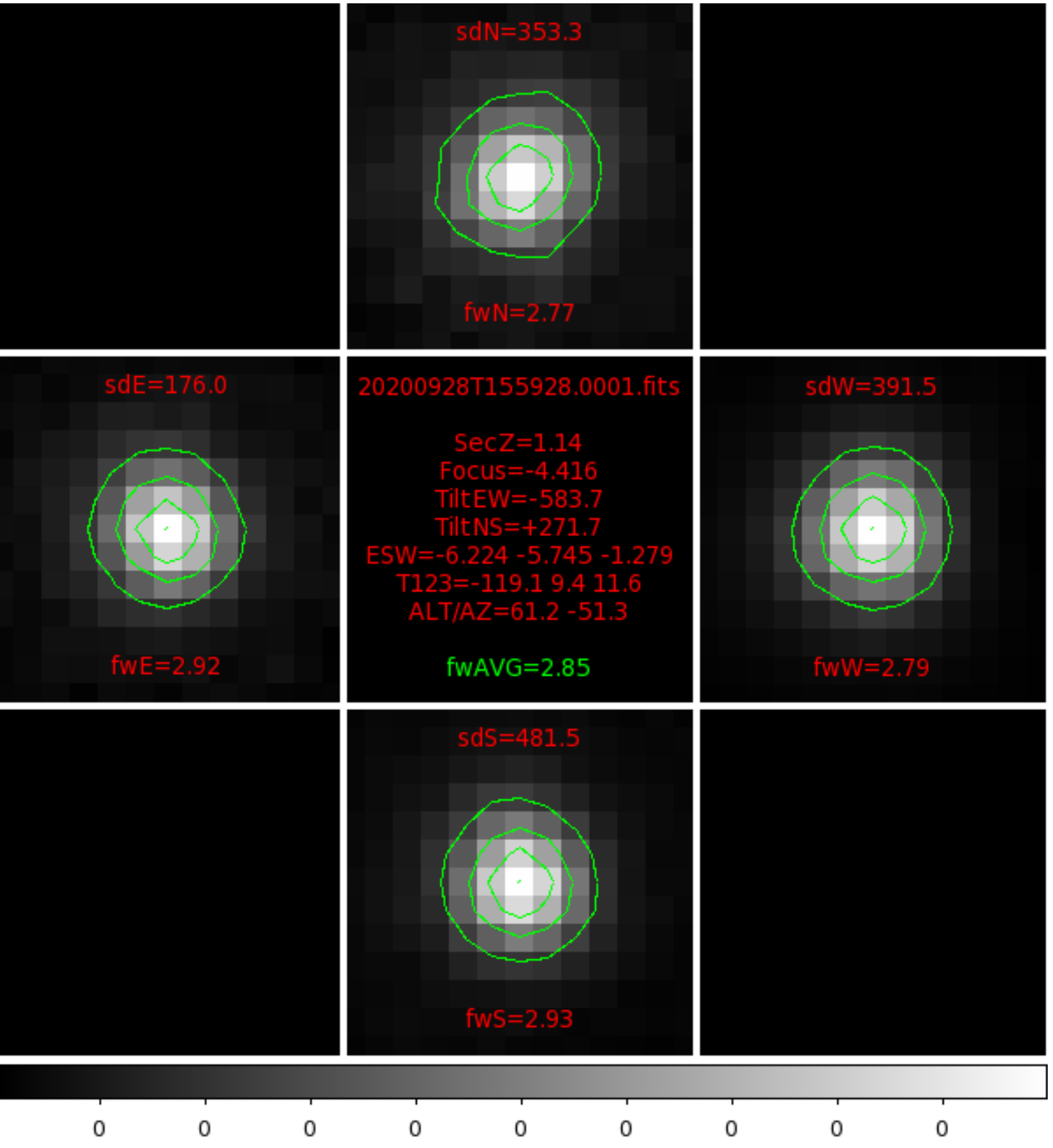
sdN=353.3
fwN=2.77
sdE=176.0
fwE=2.92
20200928T155928.0001.fits
SecZ=1.14
Focus=-4.416
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.224 -5.745 -1.279
T123=-119.1 9.4 11.6
ALT/AZ=61.2 -51.3
fwAVG=2.85
sdW=391.5
fwW=2.79
sdS=481.5
fwS=2.93
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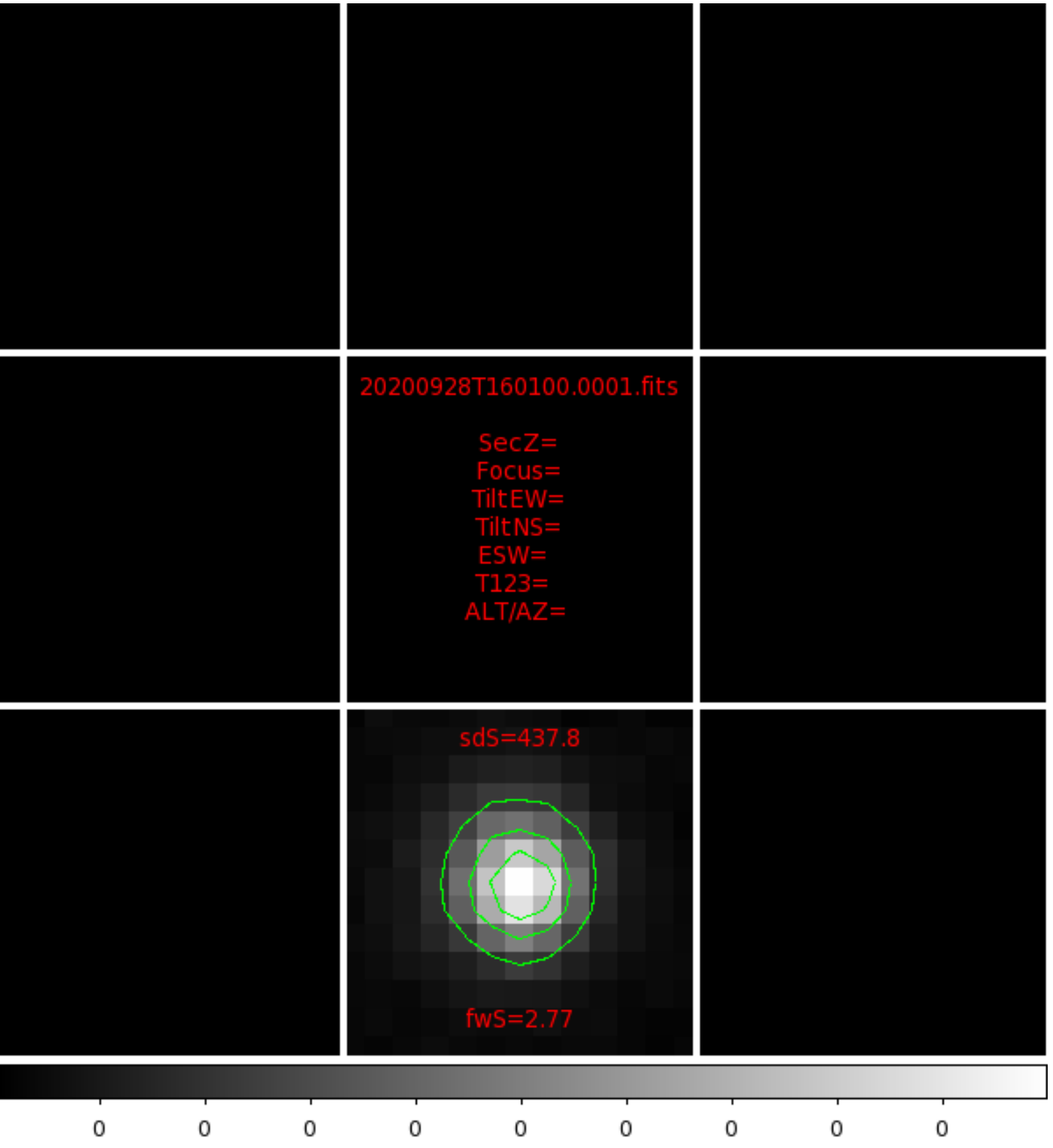
20200928T160100.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=437.8
fwS=2.77
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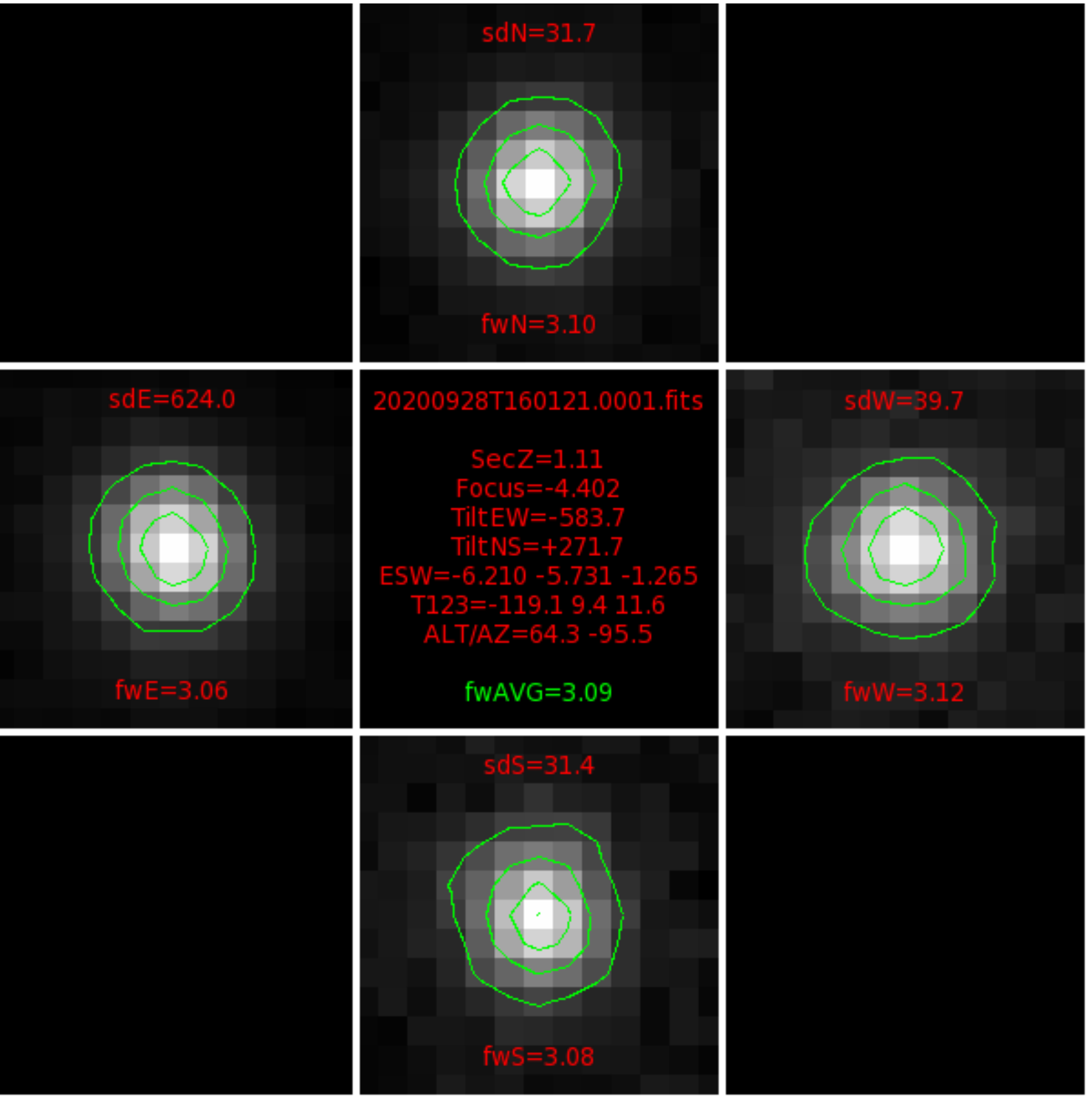
sdN=31.7
fwN=3.10
sdE=624.0
fwE=3.06
20200928T160121.0001.fits
SecZ=1.11
Focus=-4.402
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.210 -5.731 -1.265
T123=-119.1 9.4 11.6
ALT/AZ=64.3 -95.5
fwAVG=3.09
sdW=39.7
fwW=3.12
sdS=31.4
fwS=3.08
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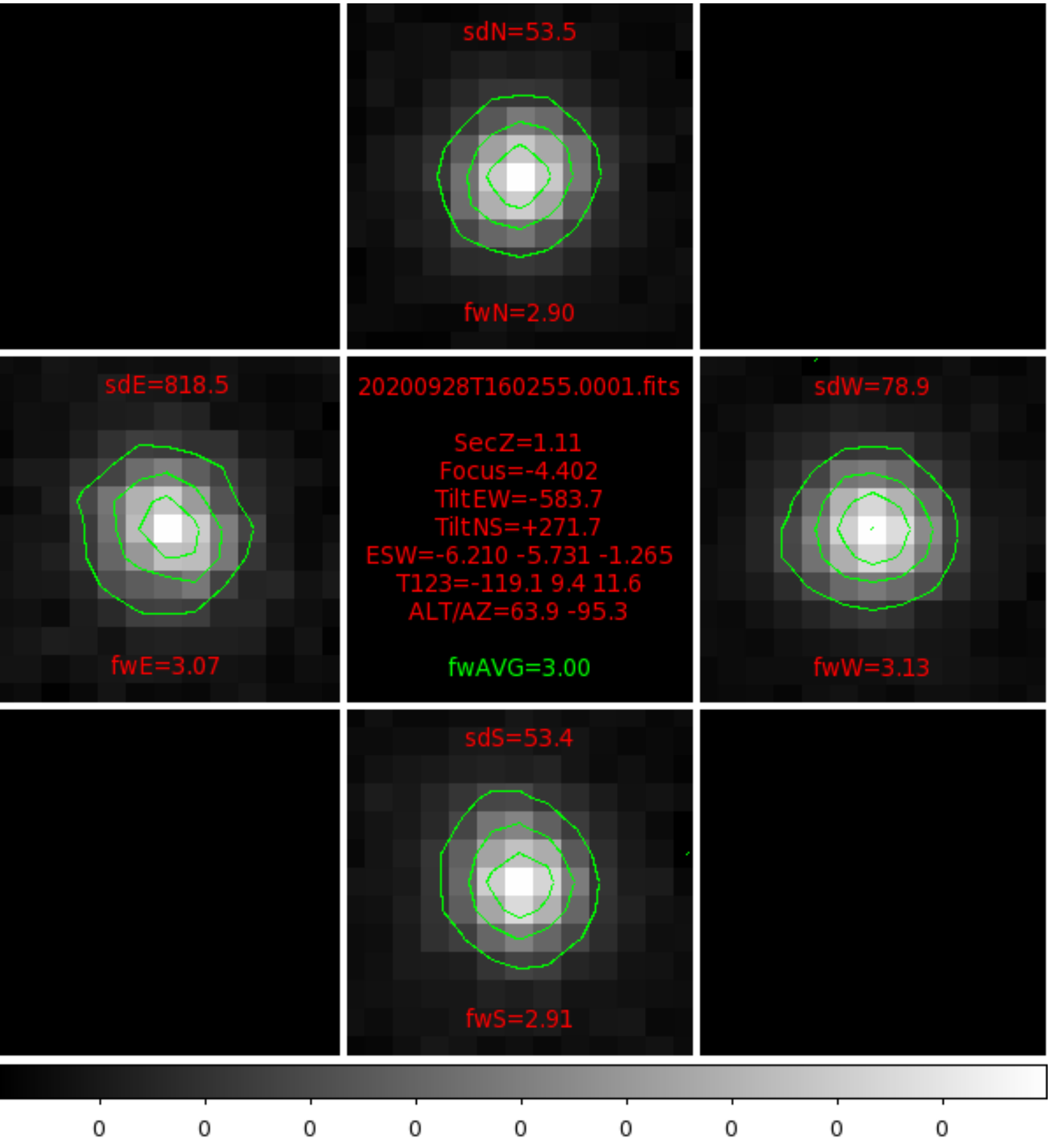
sdN=53.5
fwN=2.90
sdE=818.5
fwE=3.07
20200928T160255.0001.fits
SecZ=1.11
Focus=-4.402
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.210 -5.731 -1.265
T123=-119.1 9.4 11.6
ALT/AZ=63.9 -95.3
fwAVG=3.00
sdW=78.9
fwW=3.13
sdS=53.4
fwS=2.91
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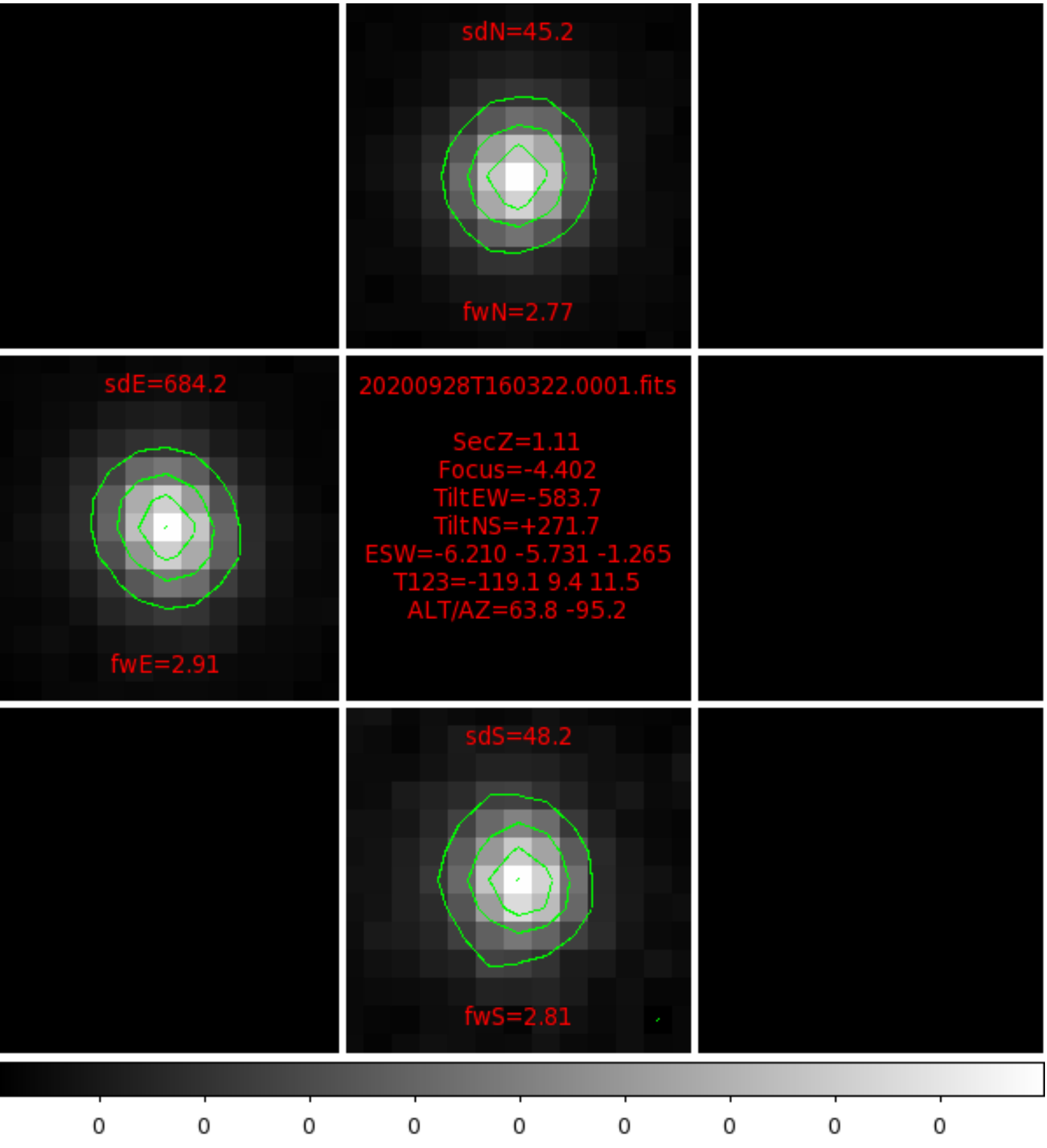
sdN=45.2
fwN=2.77
sdE=684.2
fwE=2.91
20200928T160322.0001.fits
SecZ=1.11
Focus=-4.402
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.210 -5.731 -1.265
T123=-119.1 9.4 11.5
ALT/AZ=63.8 -95.2
sdS=48.2
fwS=2.81
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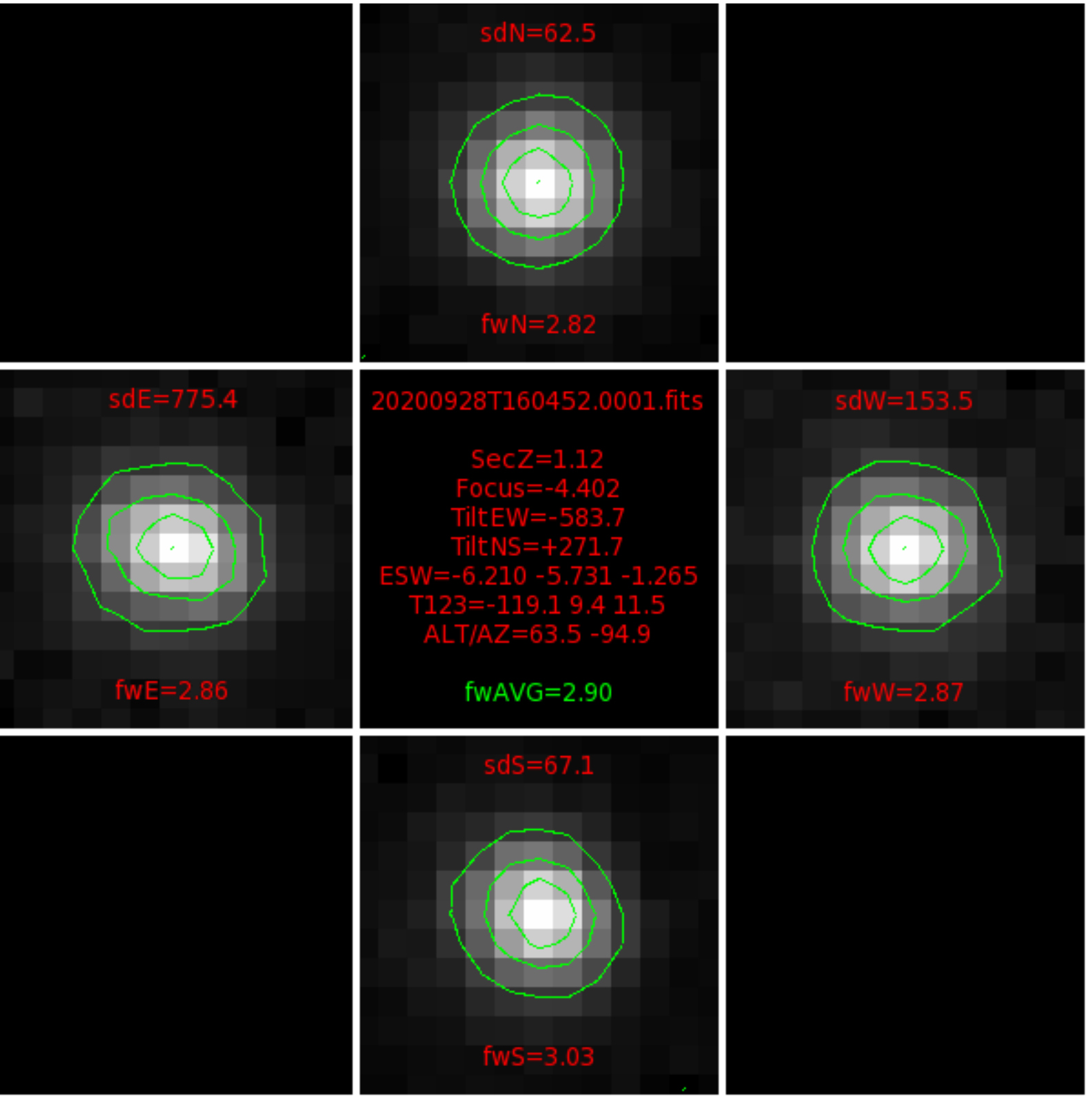
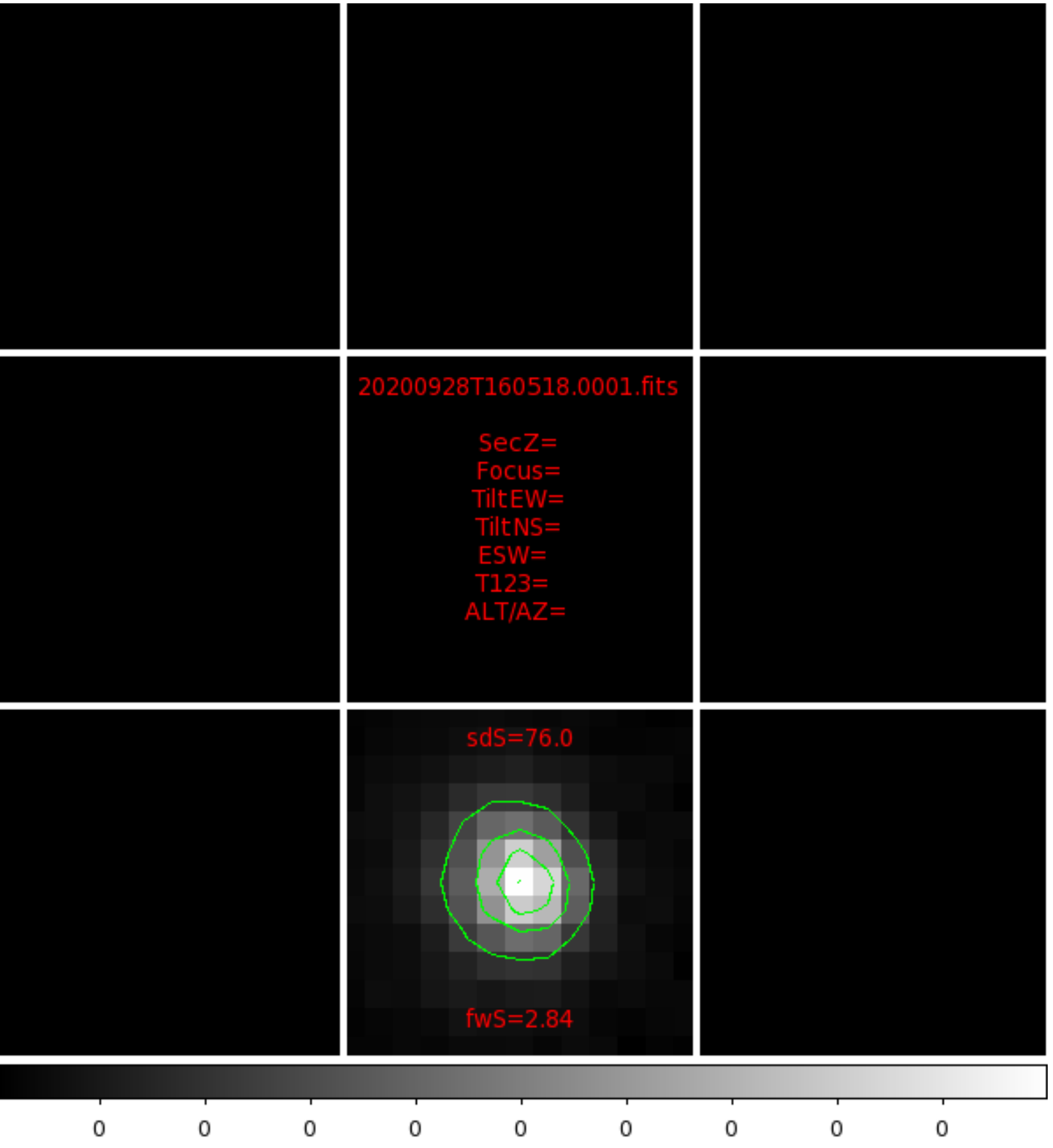

sdN=62.5
fwN=2.82
sdE=775.4
fwE=2.86
20200928T160452.0001.fits
SecZ=1.12
Focus=-4.402
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.210 -5.731 -1.265
T123=-119.1 9.4 11.5
ALT/AZ=63.5 -94.9
fwAVG=2.90
sdW=153.5
fwW=2.87
sdS=67.1
fwS=3.03
0 0 0 0 0 0 0 0 0


20200928T160518.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=76.0
fwS=2.84
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0
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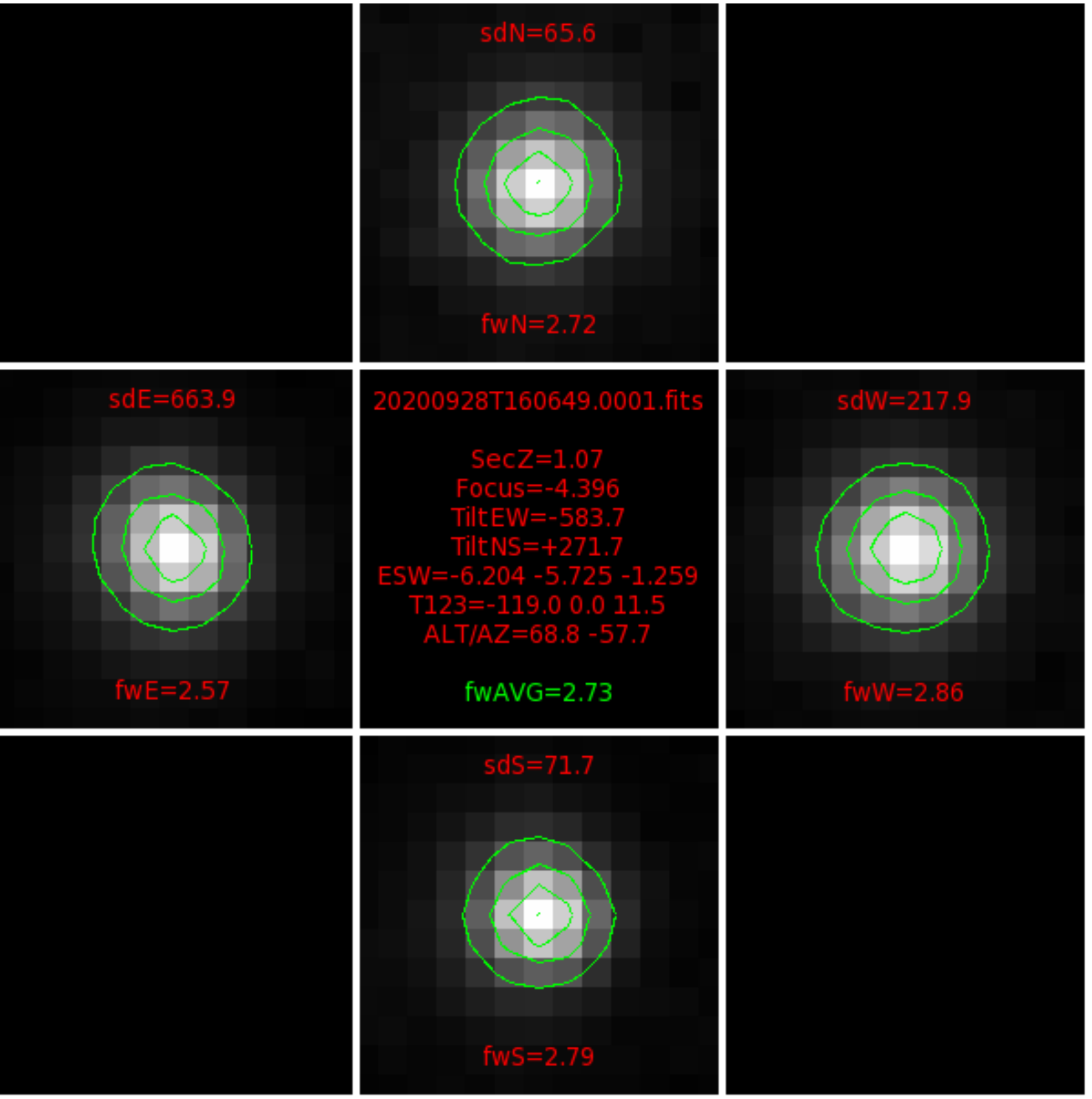
sdN=65.6
fwN=2.72
sdE=663.9
fwE=2.57
20200928T160649.0001.fits
SecZ=1.07
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.0 0.0 11.5
ALT/AZ=68.8 -57.7
fwAVG=2.73
sdW=217.9
fwW=2.86
sdS=71.7
fwS=2.79
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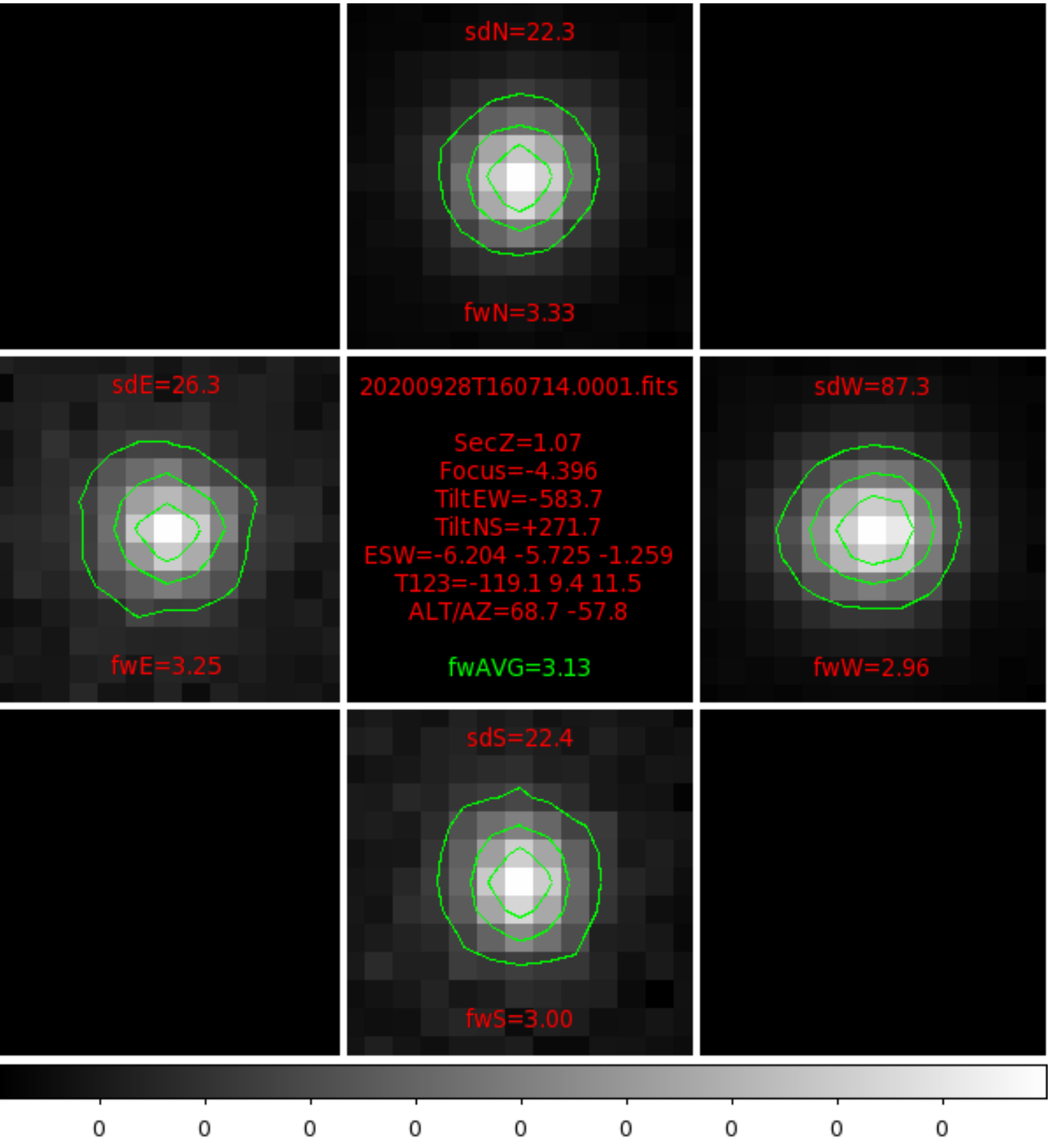
sdN=22.3
fwN=3.33
sdE=26.3
fwE=3.25
20200928T160714.0001.fits
SecZ=1.07
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.1 9.4 11.5
ALT/AZ=68.7 -57.8
fwAVG=3.13
sdW=87.3
fwW=2.96
sdS=22.4
fwS=3.00
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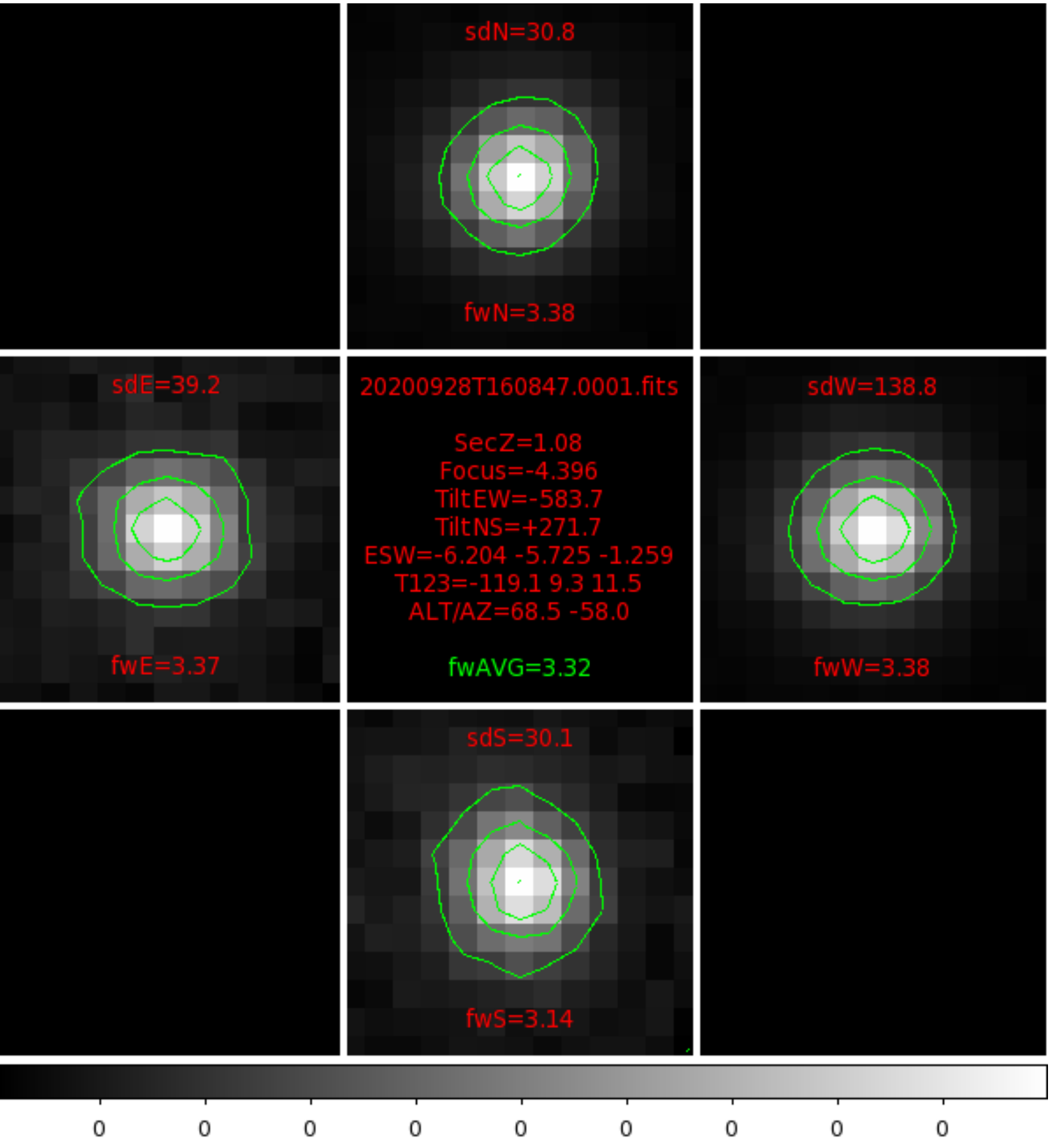
sdN=30.8
fwN=3.38
sdE=39.2
fwE=3.37
20200928T160847.0001.fits
SecZ=1.08
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.1 9.3 11.5
ALT/AZ=68.5 -58.0
fwAVG=3.32
sdW=138.8
fwW=3.38
sdS=30.1
fwS=3.14
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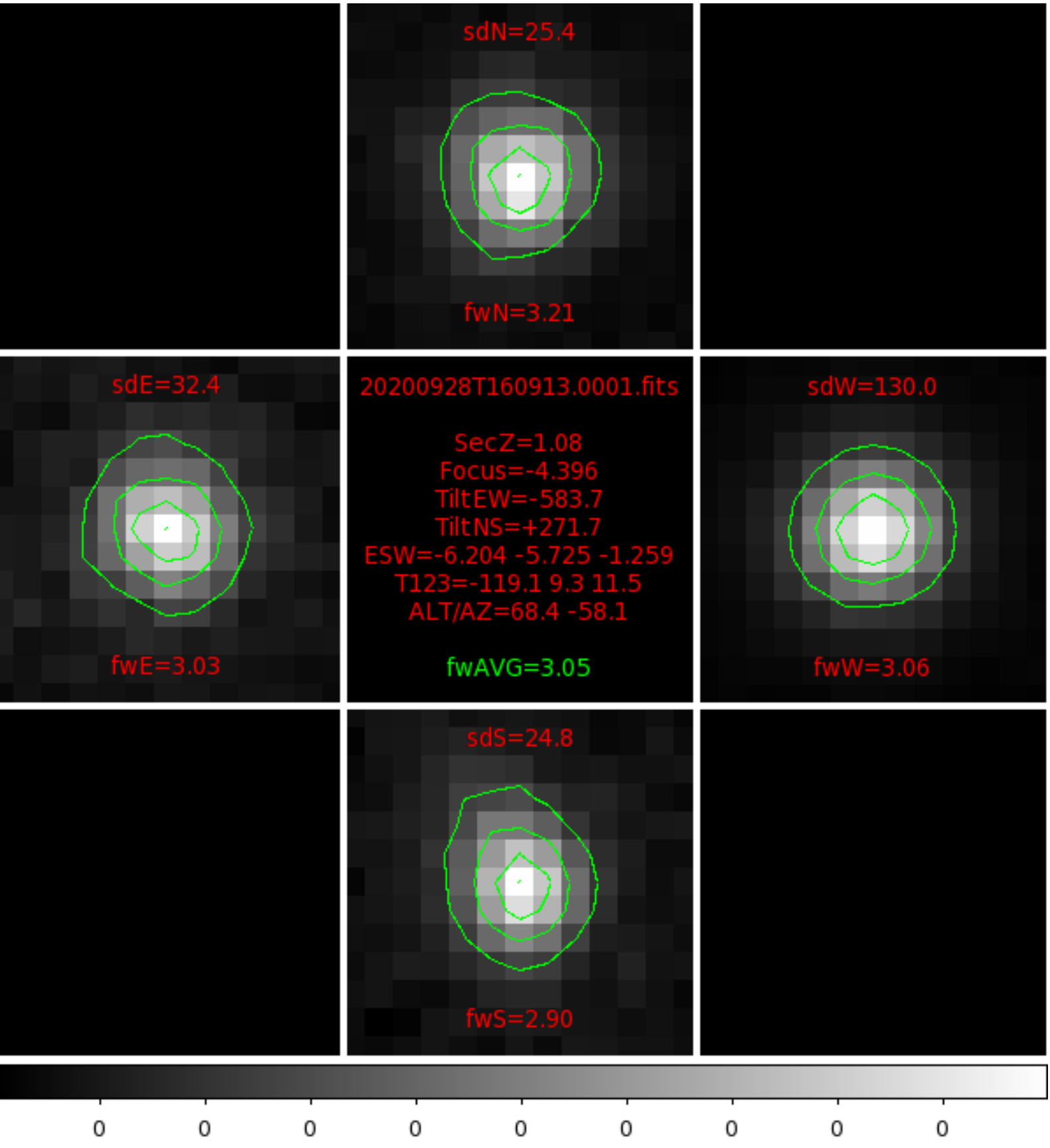
sdN=25.4
fwN=3.21
sdE=32.4
fwE=3.03
20200928T160913.0001.fits
SecZ=1.08
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.1 9.3 11.5
ALT/AZ=68.4 -58.1
fwAVG=3.05
sdW=130.0
fwW=3.06
sdS=24.8
fwS=2.90
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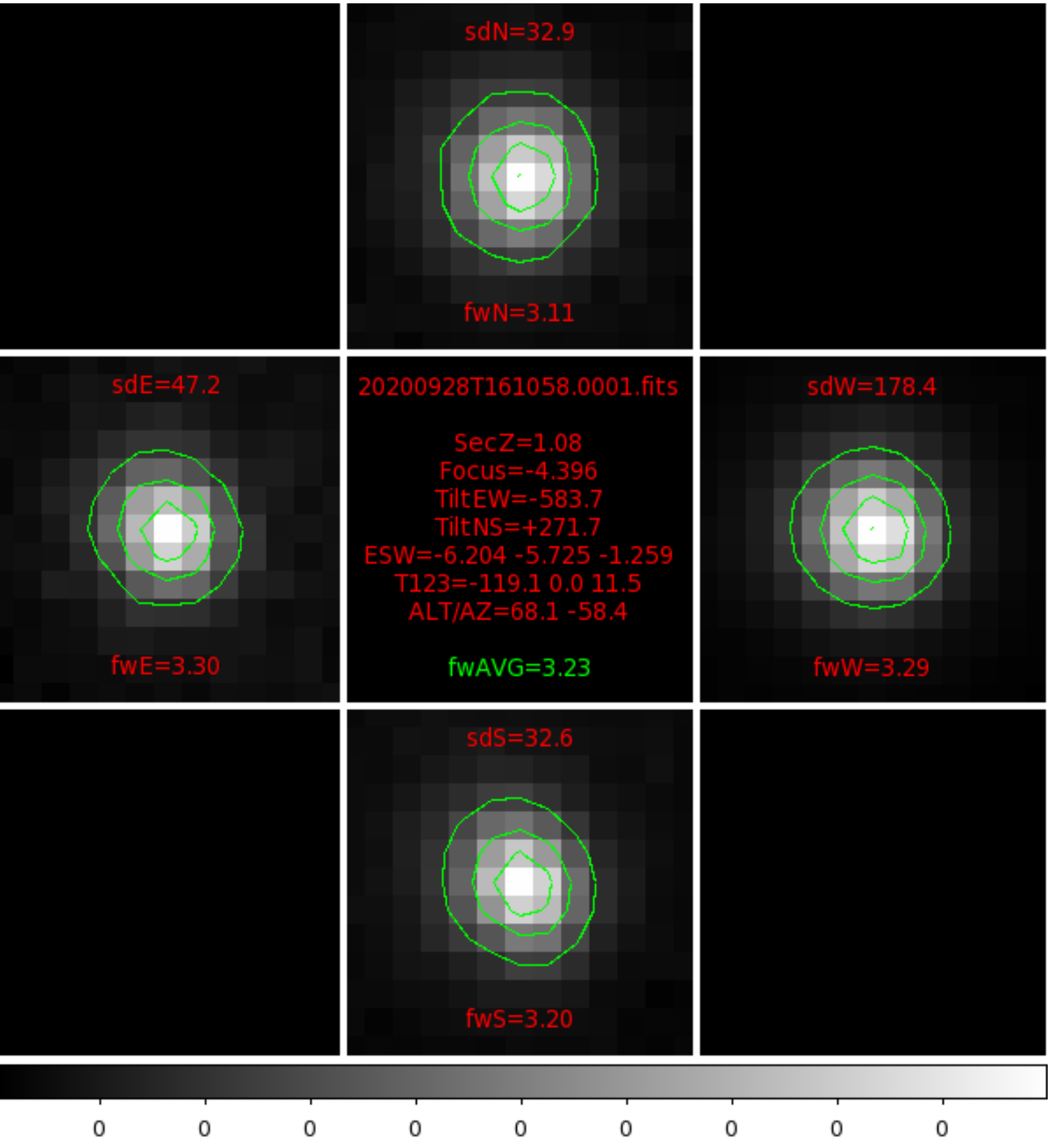
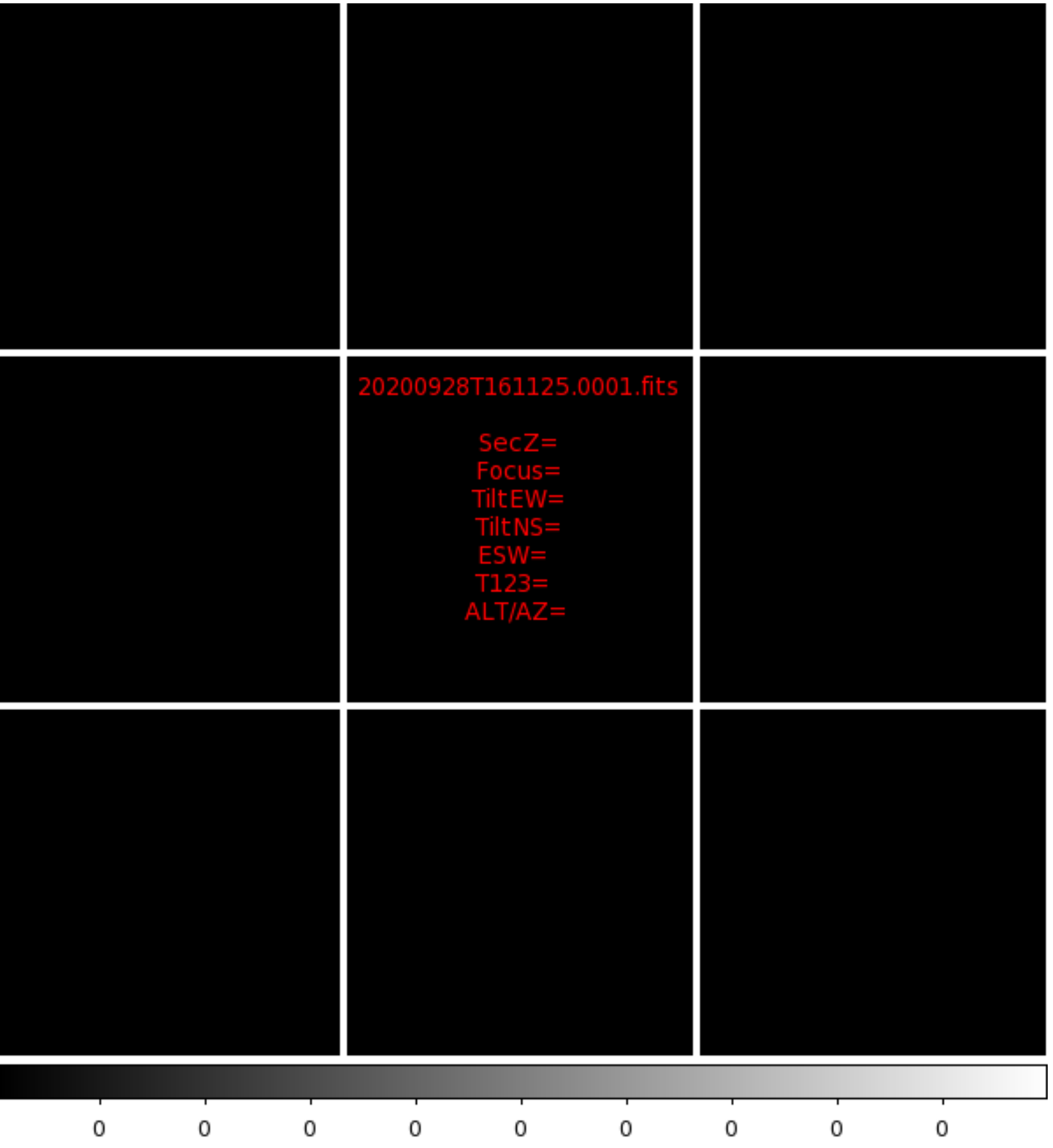

sdN=32.9
fwN=3.11
sdE=47.2
fwE=3.30
20200928T161058.0001.fits
SecZ=1.08
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.1 0.0 11.5
ALT/AZ=68.1 -58.4
fwAVG=3.23
sdW=178.4
fwW=3.29
sdS=32.6
fwS=3.20
0 0 0 0 0 0 0 0 0


20200928T161125.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
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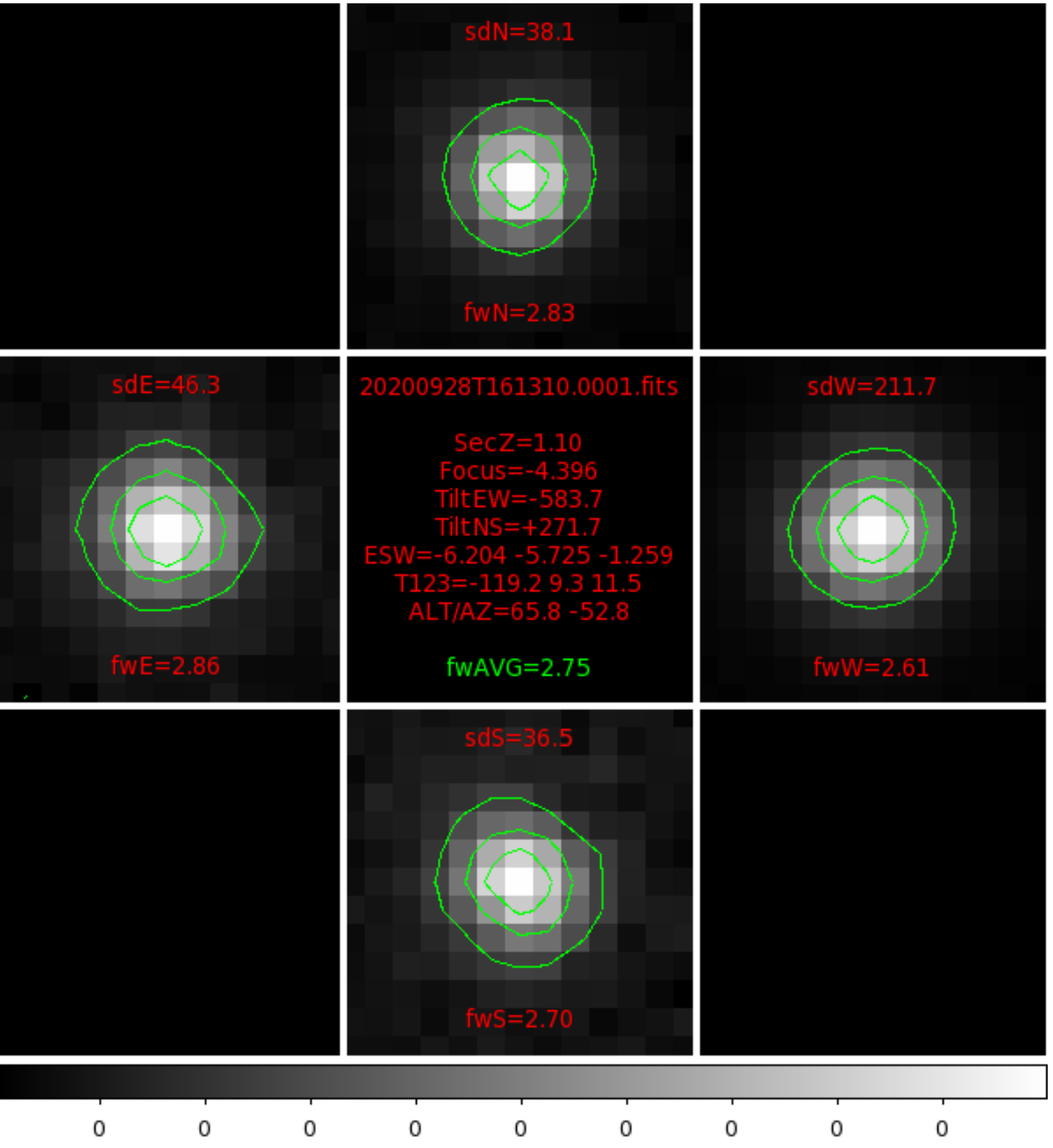
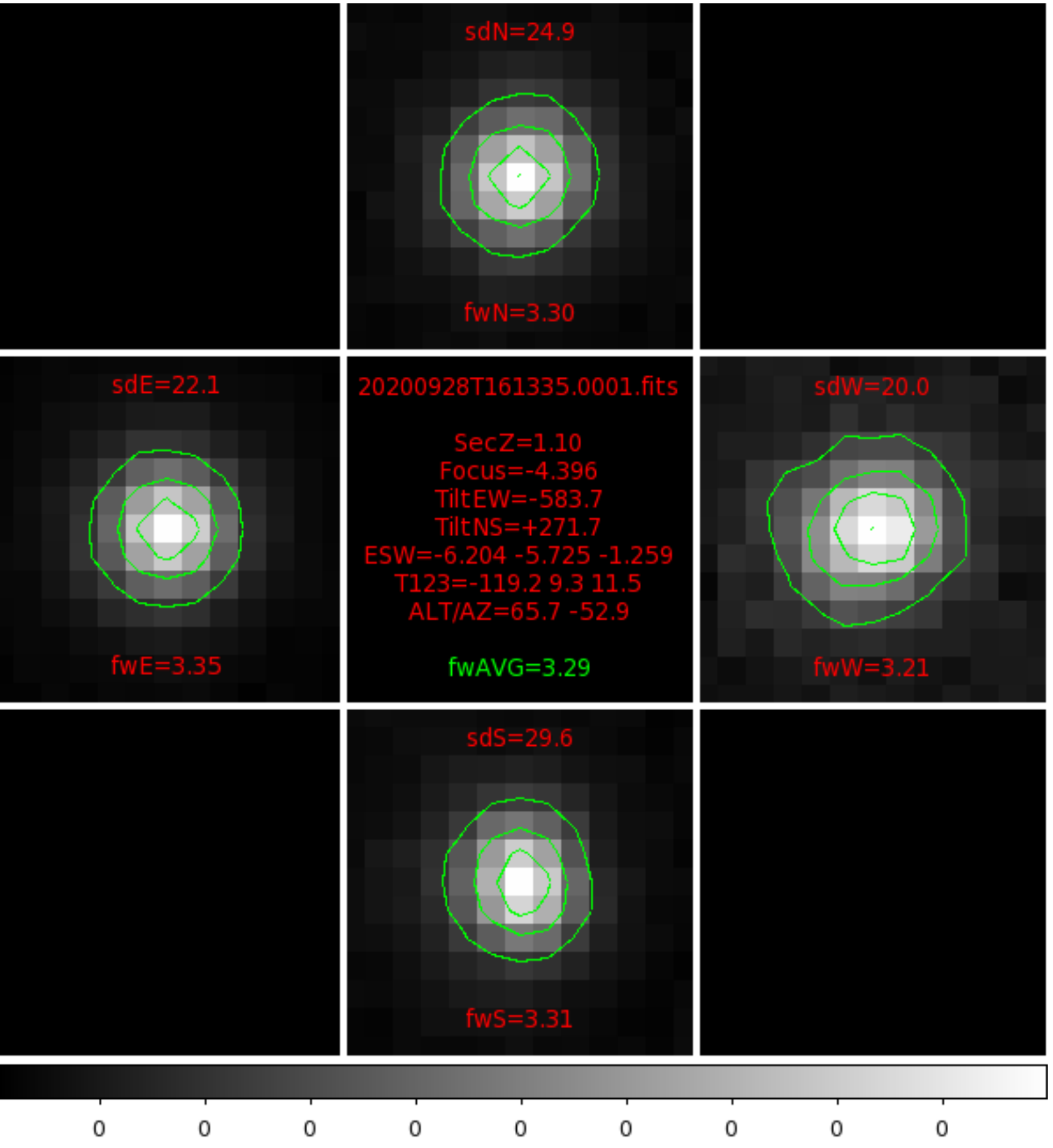
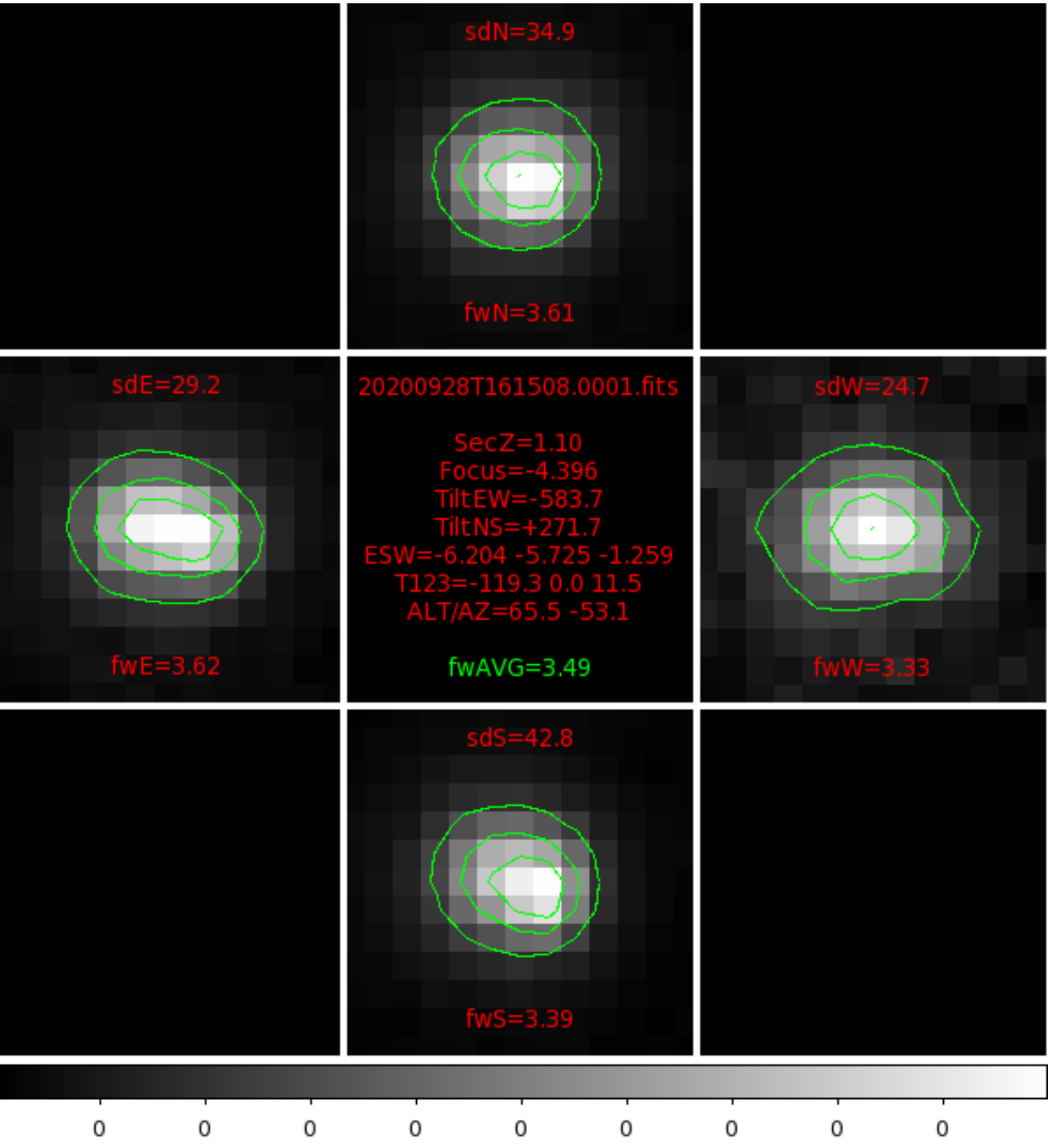
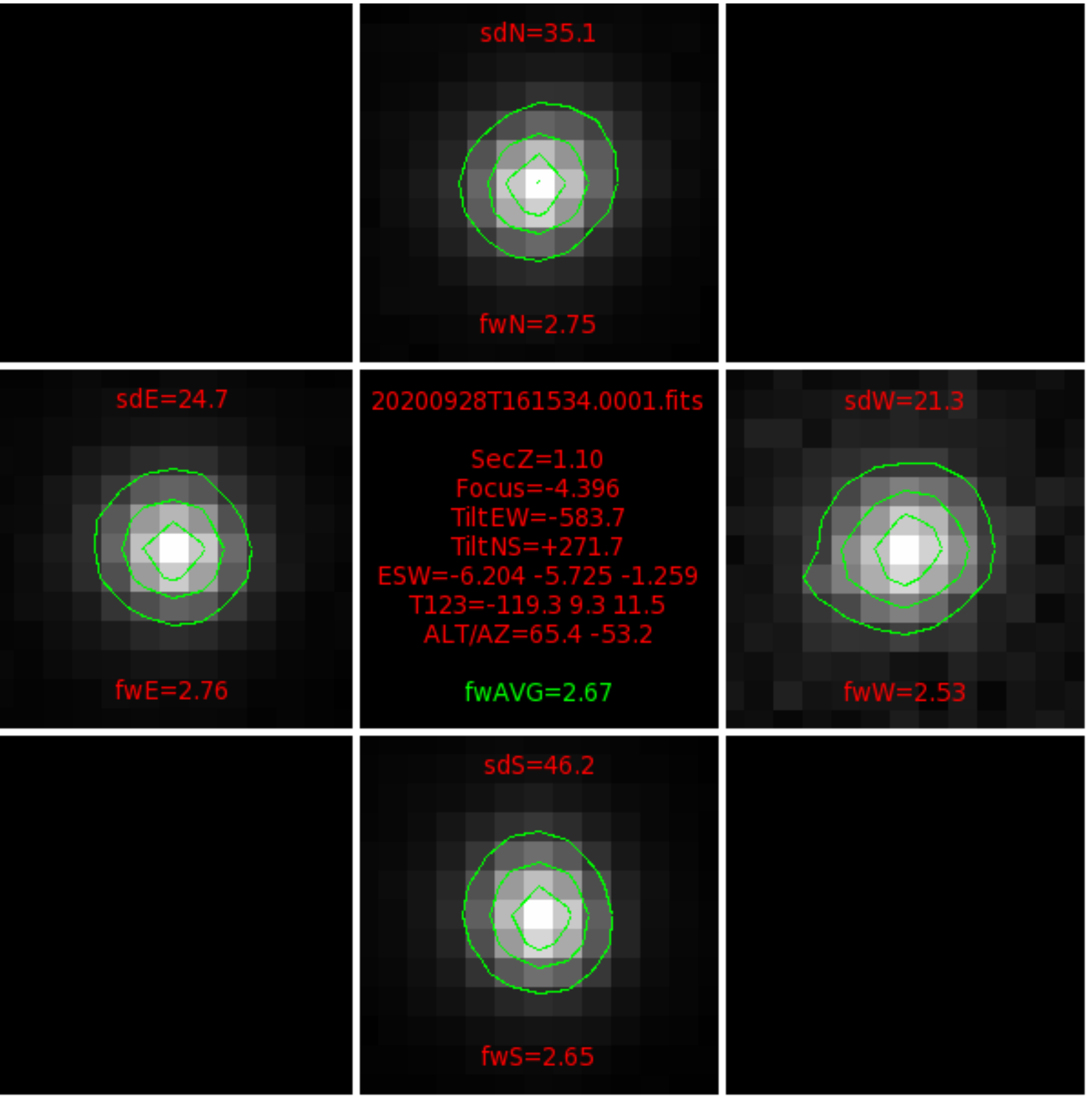
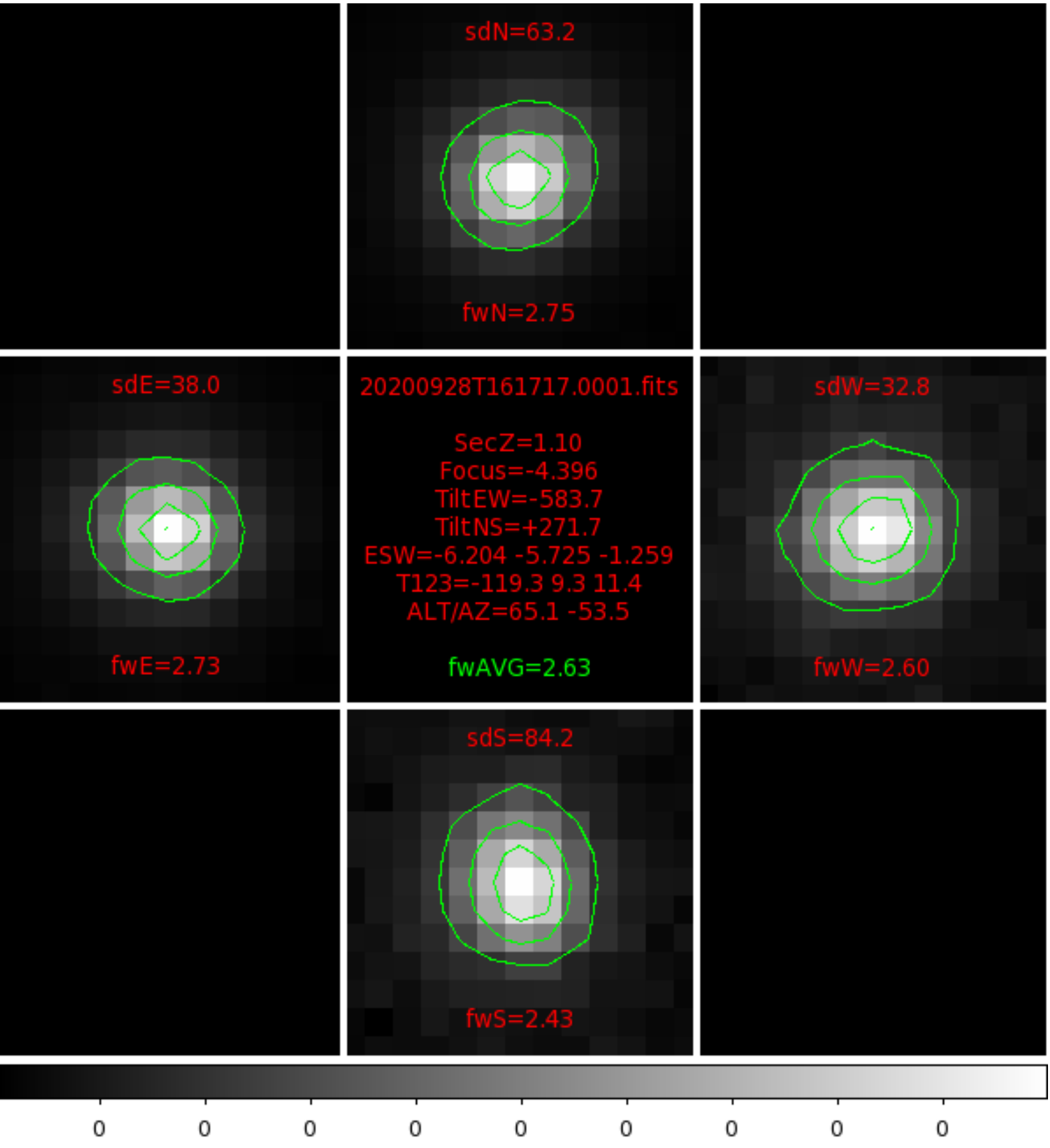
0
0
0
0
0
0
0
0

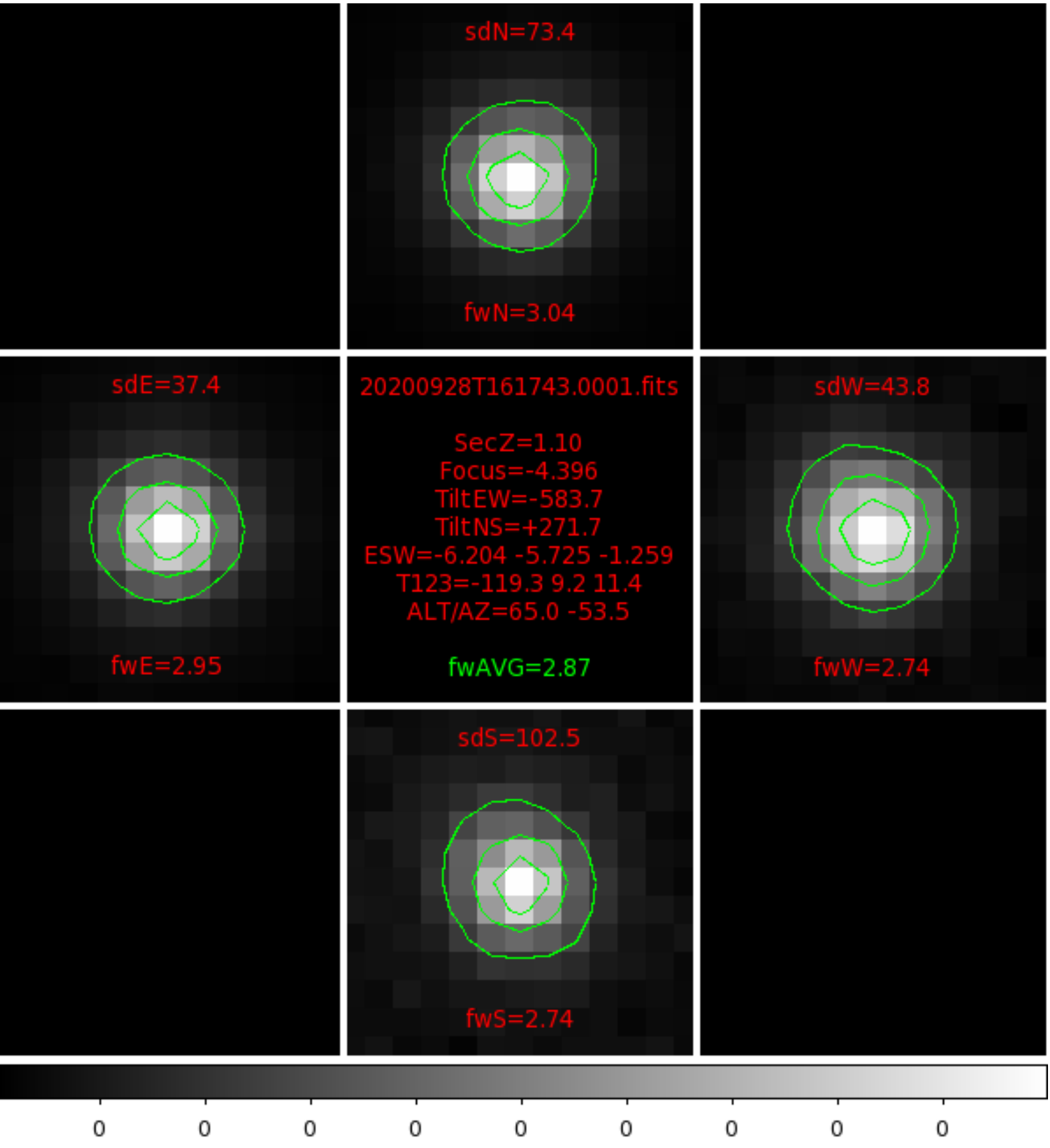

sdN=38.1
fwN=2.83
sdE=46.3
fwE=2.86
20200928T161310.0001.fits
SecZ=1.10
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.2 9.3 11.5
ALT/AZ=65.8 -52.8
fwAVG=2.75
sdW=211.7
fwW=2.61
sdS=36.5
fwS=2.70
0 0 0 0 0 0 0 0 0


sdN=24.9
fwN=3.30
sdE=22.1
fwE=3.35
20200928T161335.0001.fits
SecZ=1.10
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.2 9.3 11.5
ALT/AZ=65.7 -52.9
fwAVG=3.29
sdW=20.0
fwW=3.21
sdS=29.6
fwS=3.31
0 0 0 0 0 0 0 0 0


sdN=34.9
fwN=3.61
sdE=29.2
fwE=3.62
20200928T161508.0001.fits
SecZ=1.10
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 0.0 11.5
ALT/AZ=65.5 -53.1
fwAVG=3.49
sdW=24.7
fwW=3.33
sdS=42.8
fwS=3.39
0 0 0 0 0 0 0 0 0


sdN=35.1
fwN=2.75
sdE=24.7
fwE=2.76
20200928T161534.0001.fits
SecZ=1.10
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.3 11.5
ALT/AZ=65.4 -53.2
fwAVG=2.67
sdW=21.3
fwW=2.53
sdS=46.2
fwS=2.65
0 0 0 0 0 0 0 0 0


sdN=63.2
fwN=2.75
sdE=38.0
fwE=2.73
20200928T161717.0001.fits
SecZ=1.10
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.3 11.4
ALT/AZ=65.1 -53.5
fwAVG=2.63
sdW=32.8
fwW=2.60
sdS=84.2
fwS=2.43
0 0 0 0 0 0 0 0 0


sdN=73.4
fwN=3.04
sdE=37.4
fwE=2.95
20200928T161743.0001.fits
SecZ=1.10
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.2 11.4
ALT/AZ=65.0 -53.5
fwAVG=2.87
sdW=43.8
fwW=2.74
sdS=102.5
fwS=2.74
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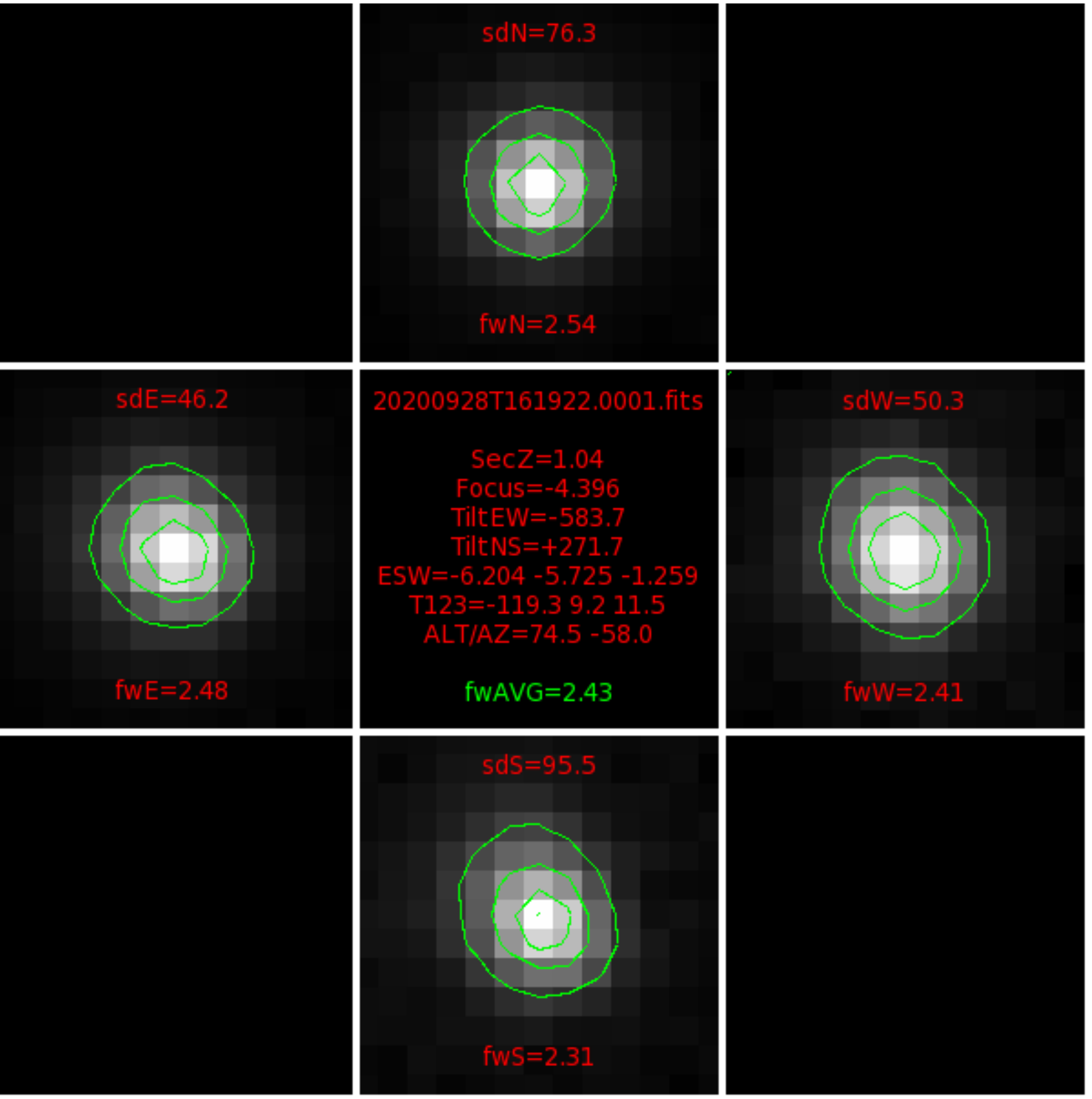
sdN=76.3
fwN=2.54
sdE=46.2
fwE=2.48
20200928T161922.0001.fits
SecZ=1.04
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.2 11.5
ALT/AZ=74.5 -58.0
fwAVG=2.43
sdW=50.3
fwW=2.41
sdS=95.5
fwS=2.31
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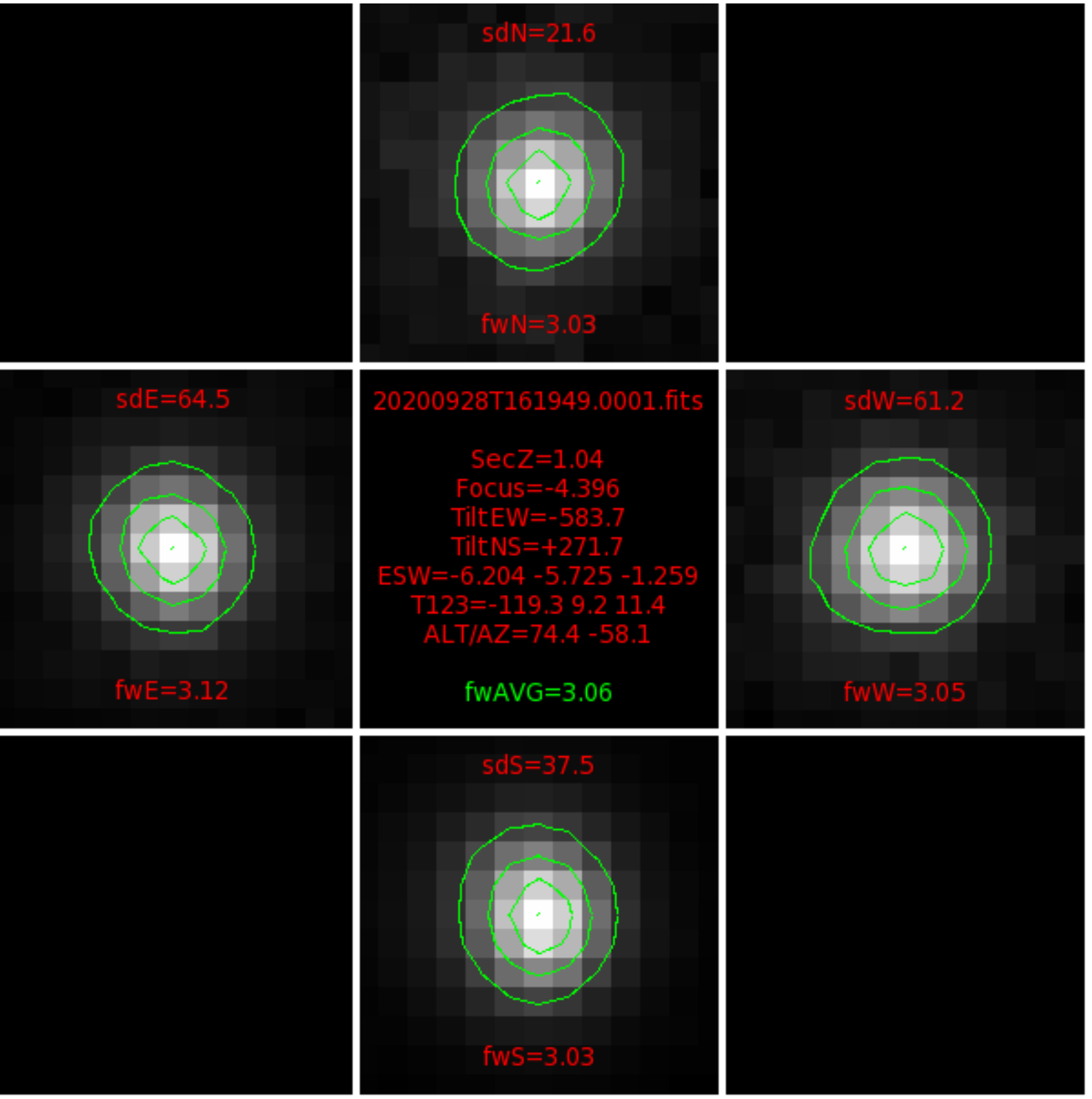
sdN=21.6
fwN=3.03
sdE=64.5
fwE=3.12
20200928T161949.0001.fits
SecZ=1.04
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.2 11.4
ALT/AZ=74.4 -58.1
fwAVG=3.06
sdW=61.2
fwW=3.05
sdS=37.5
fwS=3.03
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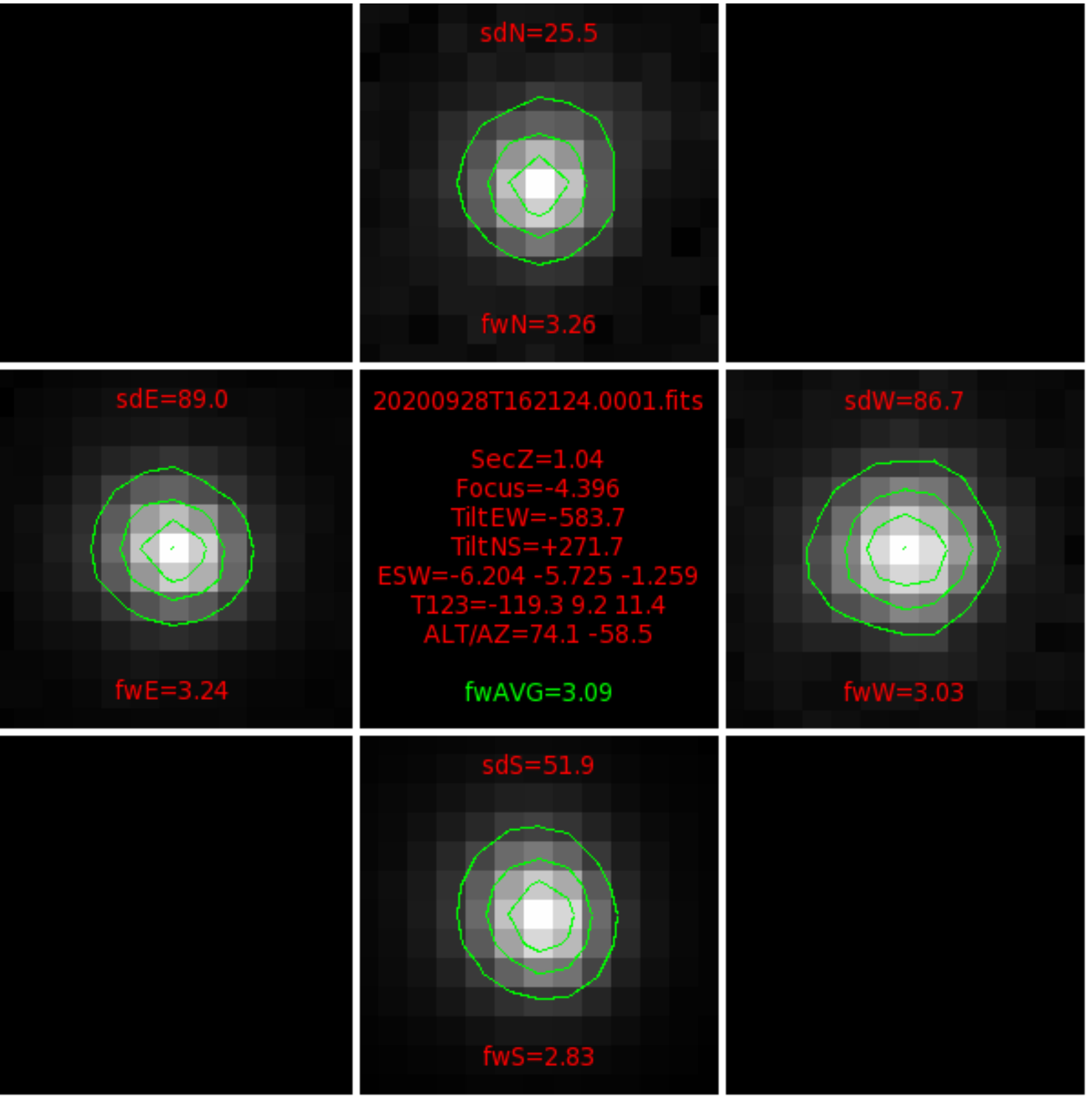
sdN=25.5
fwN=3.26
sdE=89.0
fwE=3.24
20200928T162124.0001.fits
SecZ=1.04
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.2 11.4
ALT/AZ=74.1 -58.5
fwAVG=3.09
sdW=86.7
fwW=3.03
sdS=51.9
fwS=2.83
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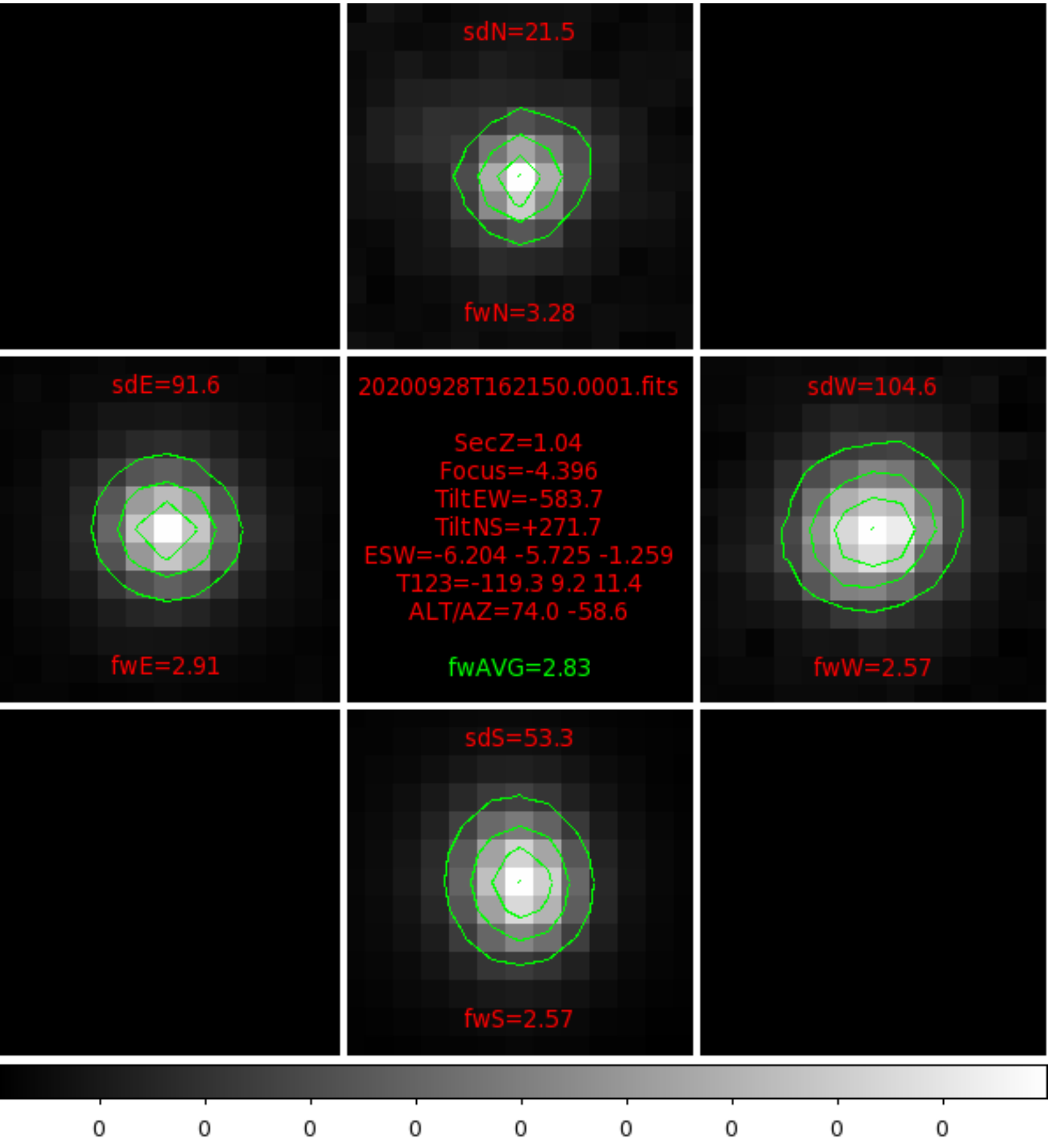
sdN=21.5
fwN=3.28
sdE=91.6
fwE=2.91
20200928T162150.0001.fits
SecZ=1.04
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.2 11.4
ALT/AZ=74.0 -58.6
fwAVG=2.83
sdW=104.6
fwW=2.57
sdS=53.3
fwS=2.57
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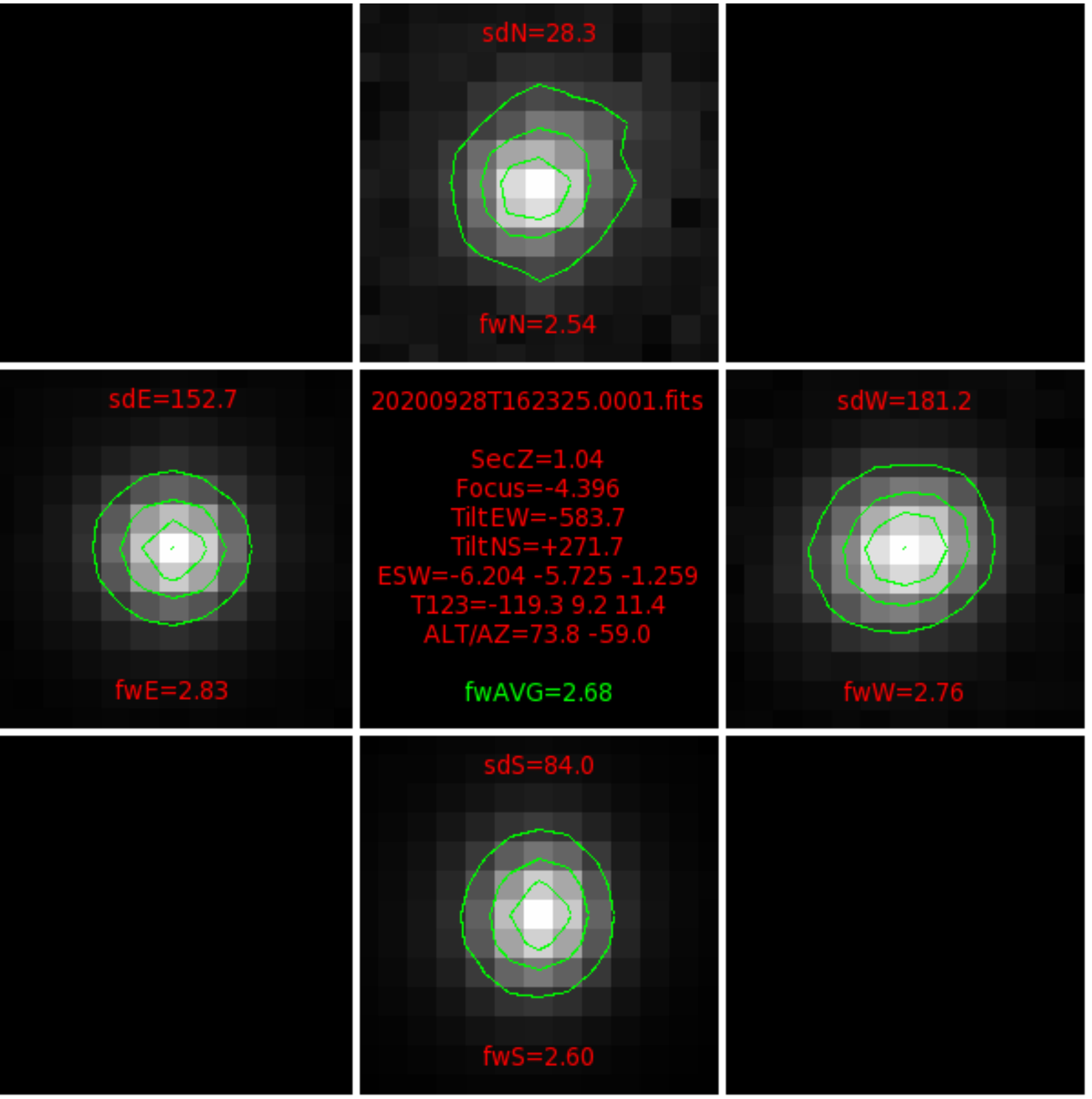
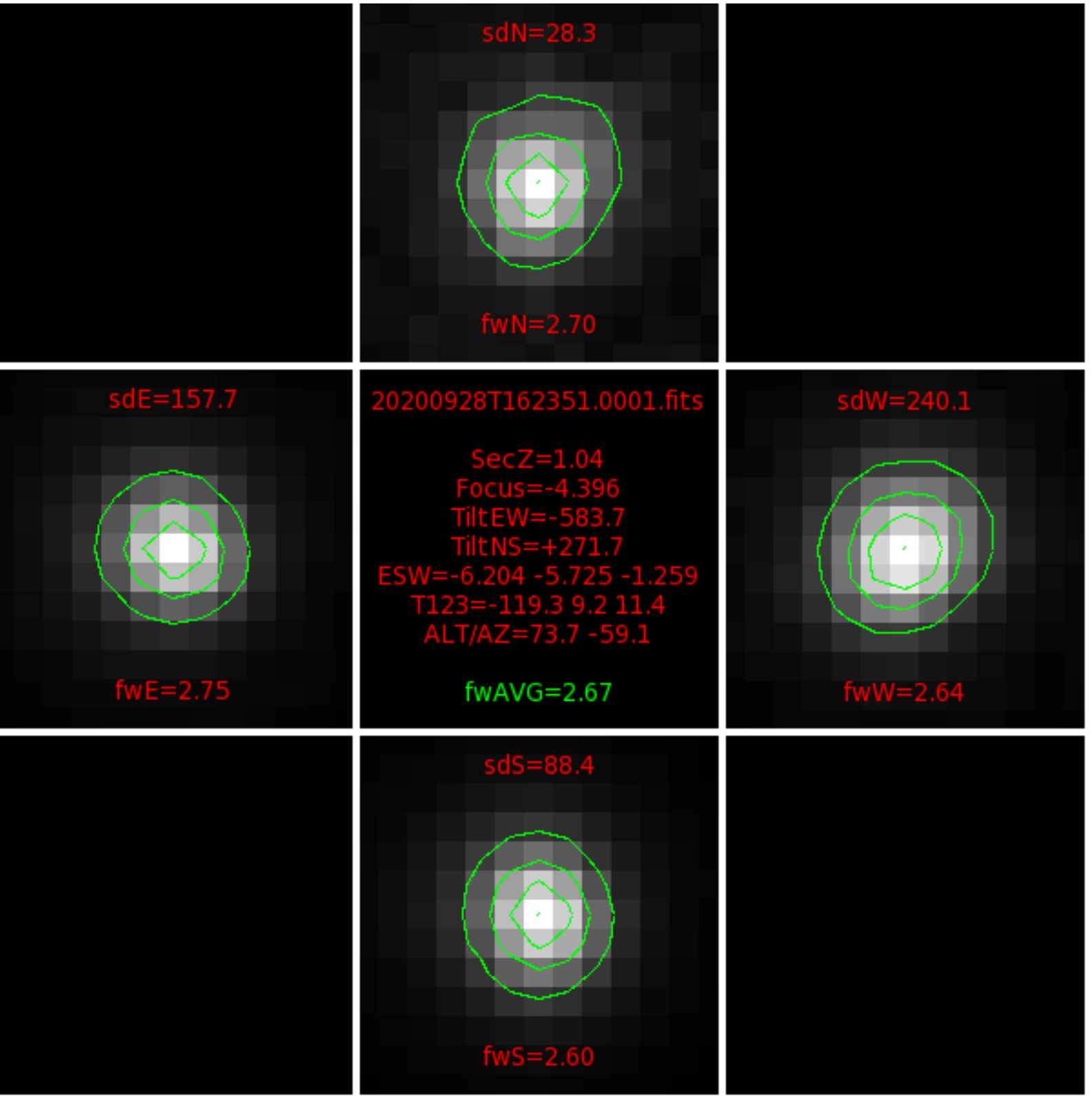

sdN=28.3
fwN=2.54
sdE=152.7
fwE=2.83
20200928T162325.0001.fits
SecZ=1.04
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.2 11.4
ALT/AZ=73.8 -59.0
fwAVG=2.68
sdW=181.2
fwW=2.76
sdS=84.0
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=28.3
fwN=2.70
sdE=157.7
fwE=2.75
20200928T162351.0001.fits
SecZ=1.04
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.2 11.4
ALT/AZ=73.7 -59.1
fwAVG=2.67
sdW=240.1
fwW=2.64
sdS=88.4
fwS=2.60
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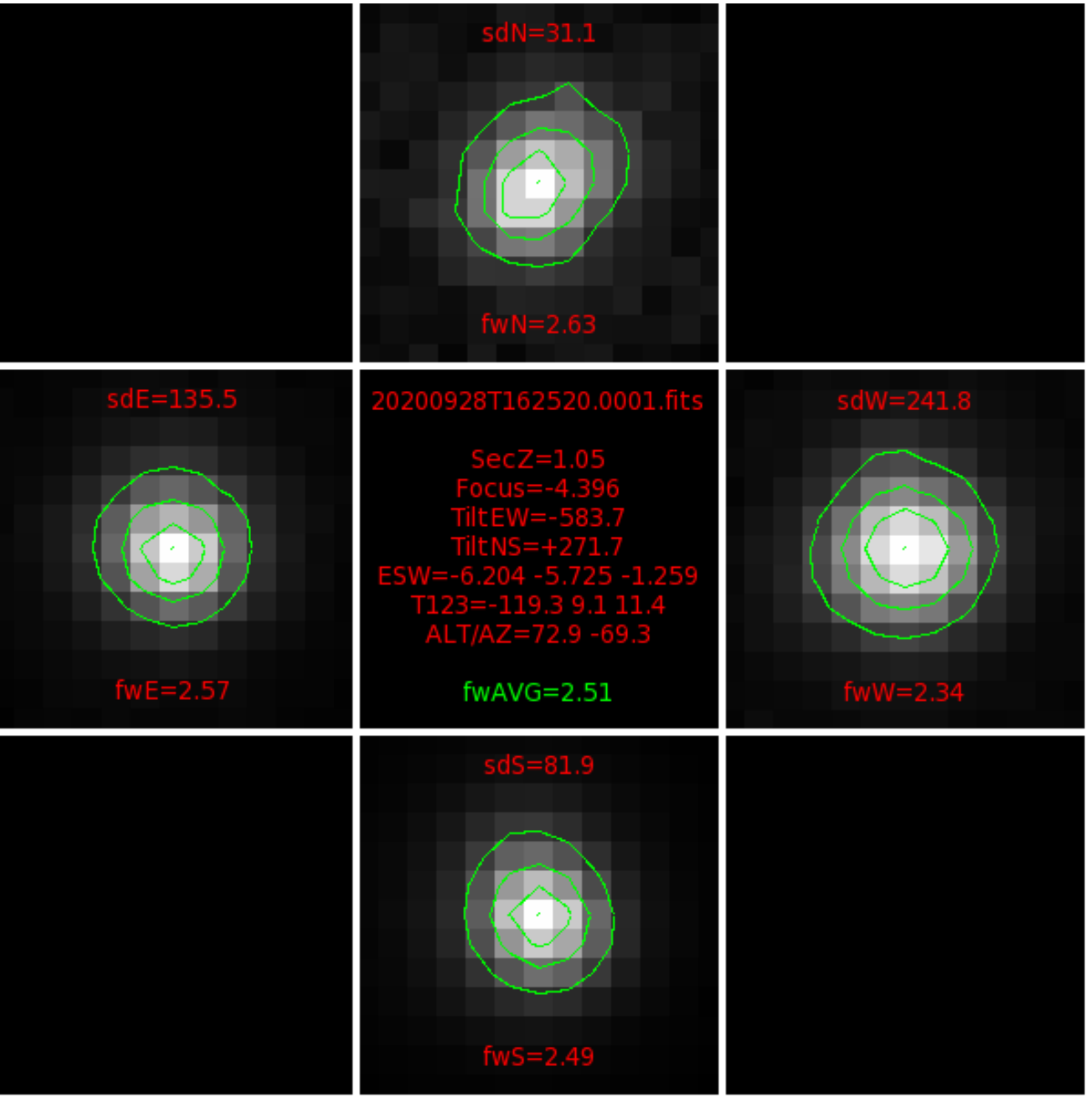
sdN=31.1
fwN=2.63
sdE=135.5
fwE=2.57
20200928T162520.0001.fits
SecZ=1.05
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.1 11.4
ALT/AZ=72.9 -69.3
fwAVG=2.51
sdW=241.8
fwW=2.34
sdS=81.9
fwS=2.49
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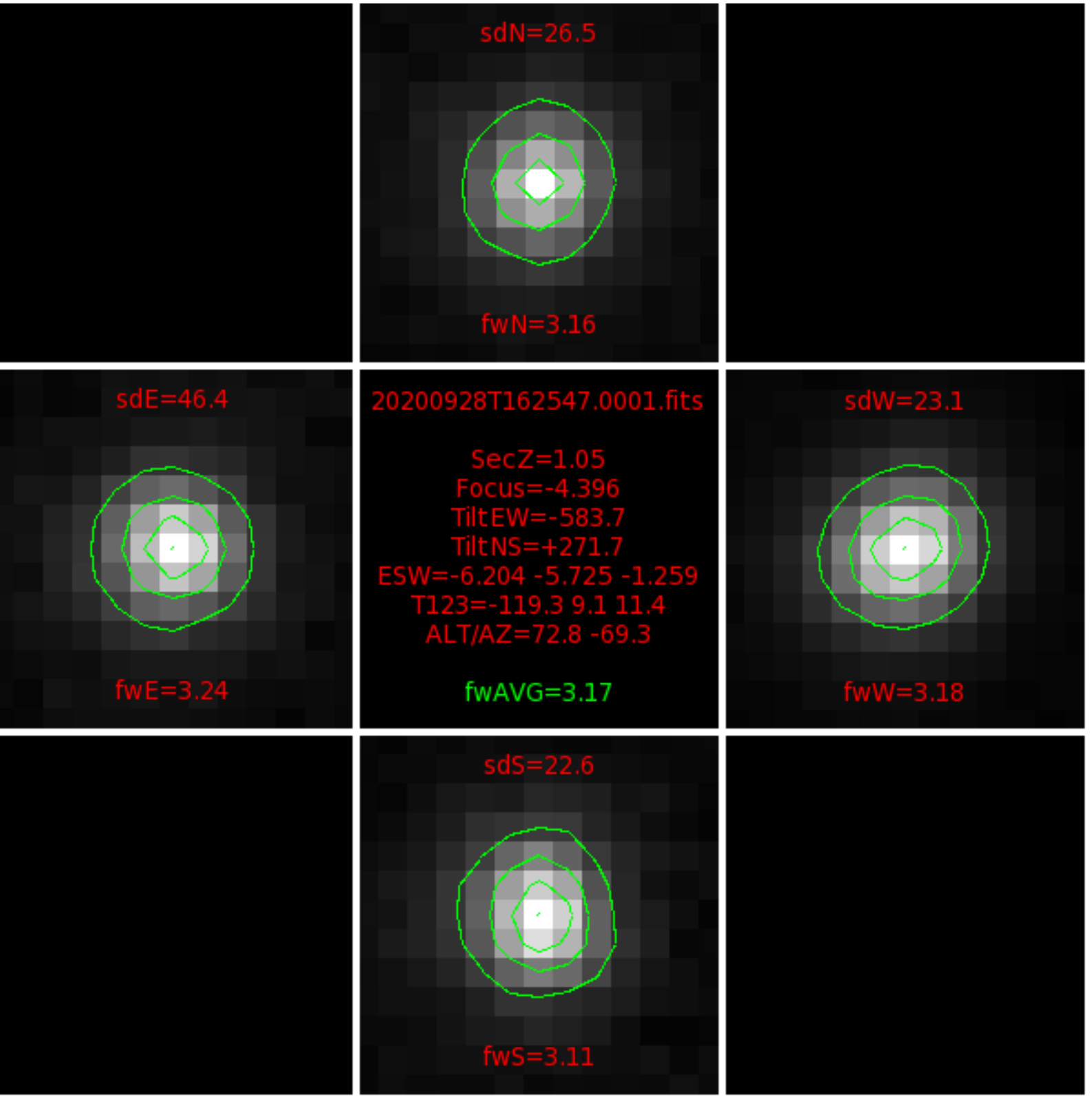
sdN=26.5
fwN=3.16
sdE=46.4
fwE=3.24
20200928T162547.0001.fits
SecZ=1.05
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.1 11.4
ALT/AZ=72.8 -69.3
fwAVG=3.17
sdW=23.1
fwW=3.18
sdS=22.6
fwS=3.11
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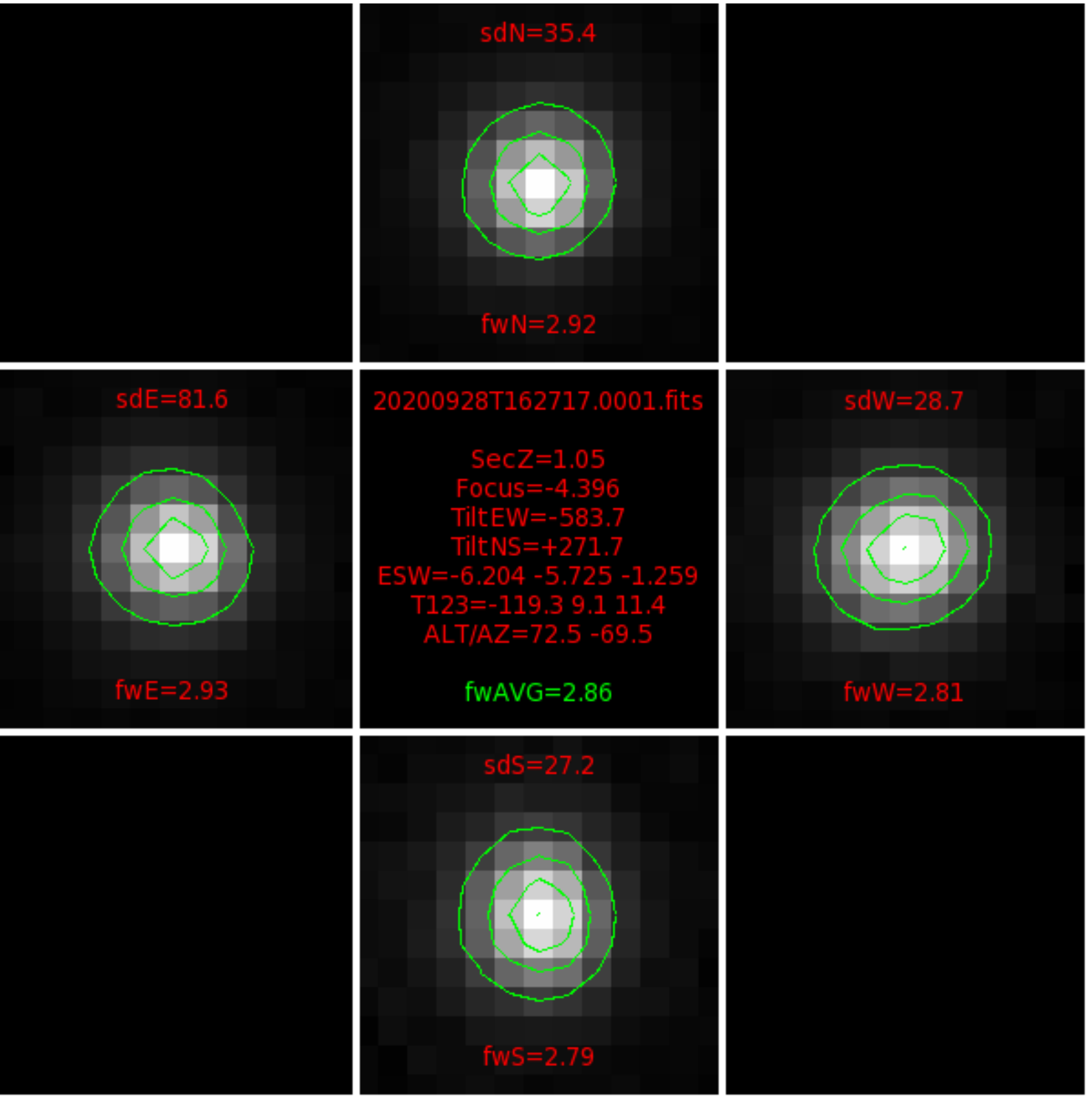
sdN=35.4
fwN=2.92
sdE=81.6
fwE=2.93
20200928T162717.0001.fits
SecZ=1.05
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.1 11.4
ALT/AZ=72.5 -69.5
fwAVG=2.86
sdW=28.7
fwW=2.81
sdS=27.2
fwS=2.79
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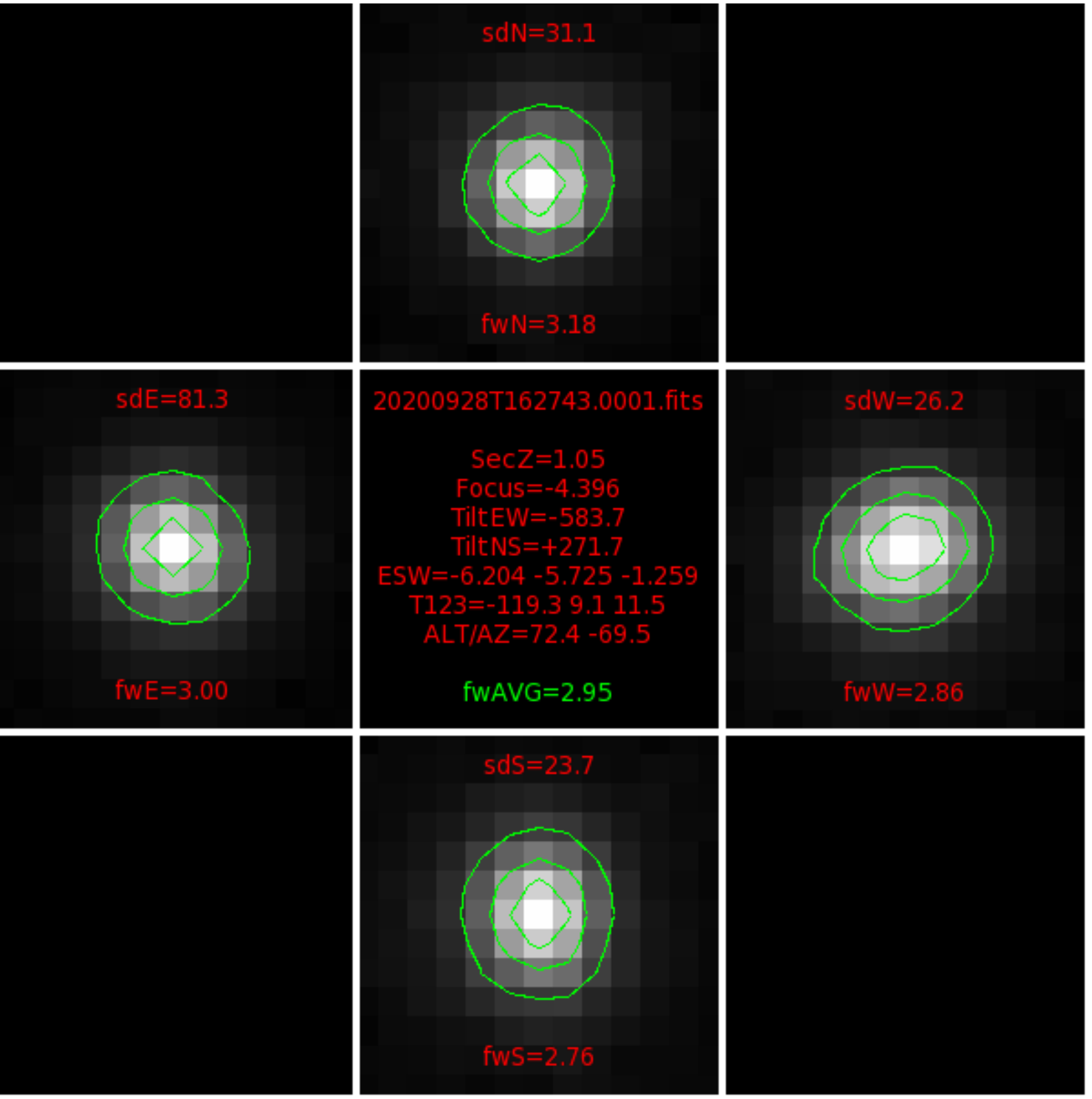
sdN=31.1
fwN=3.18
sdE=81.3
fwE=3.00
20200928T162743.0001.fits
SecZ=1.05
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.1 11.5
ALT/AZ=72.4 -69.5
fwAVG=2.95
sdW=26.2
fwW=2.86
sdS=23.7
fwS=2.76
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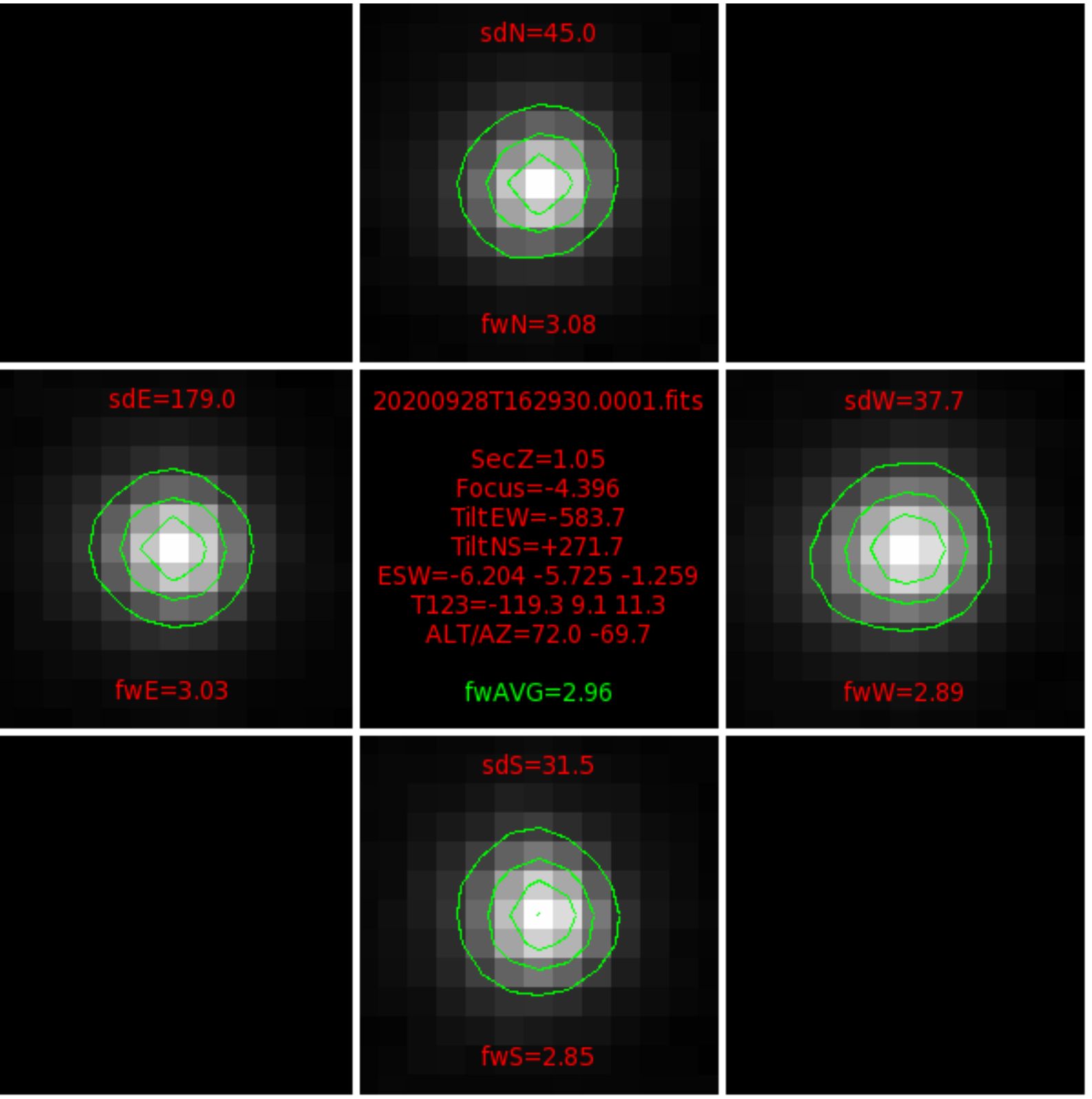
sdN=45.0
fwN=3.08
sdE=179.0
fwE=3.03
20200928T162930.0001.fits
SecZ=1.05
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.1 11.3
ALT/AZ=72.0 -69.7
fwAVG=2.96
sdW=37.7
fwW=2.89
sdS=31.5
fwS=2.85
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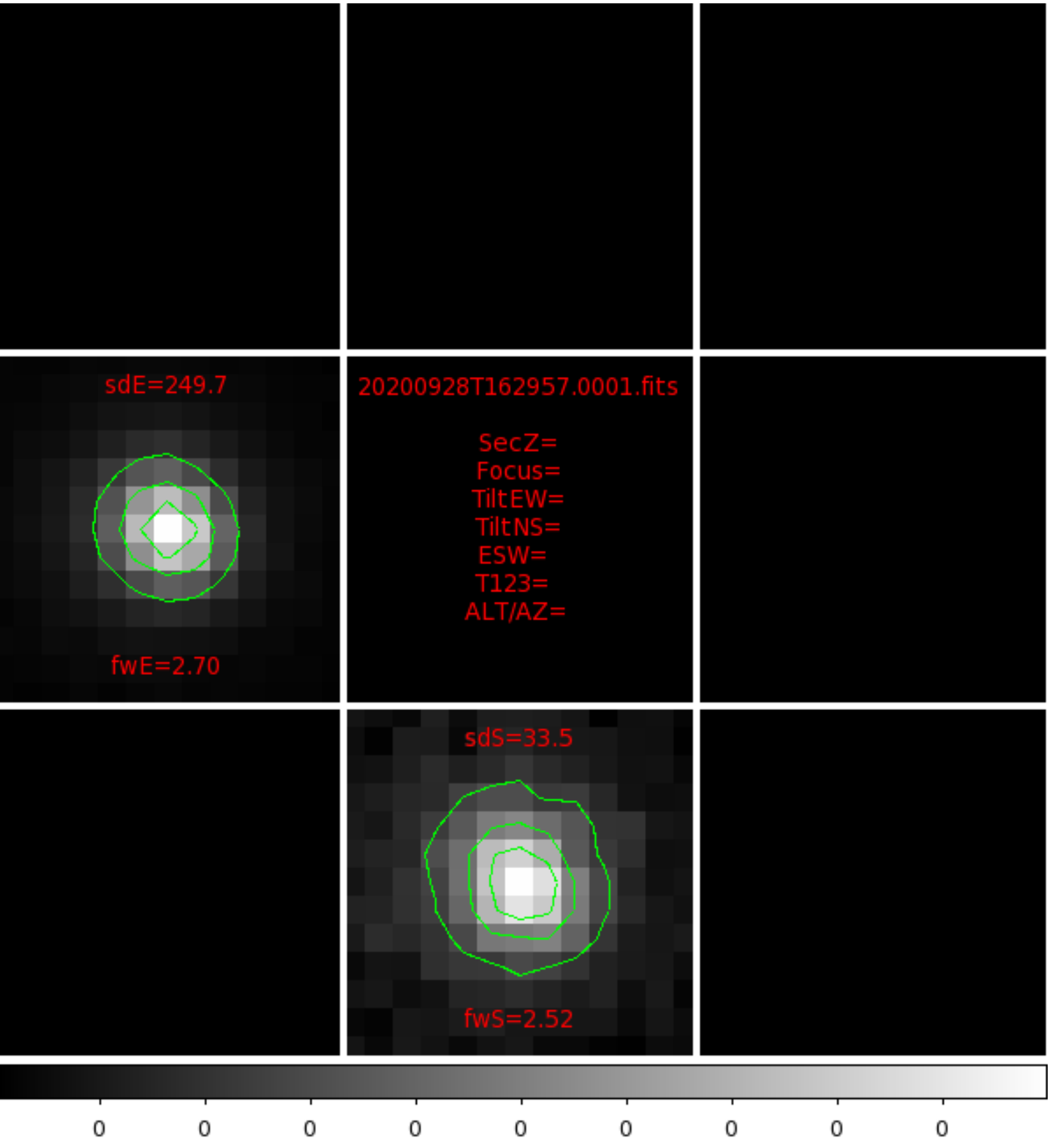
sdE=249.7
20200928T162957.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=2.70
sdS=33.5
fwS=2.52
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0
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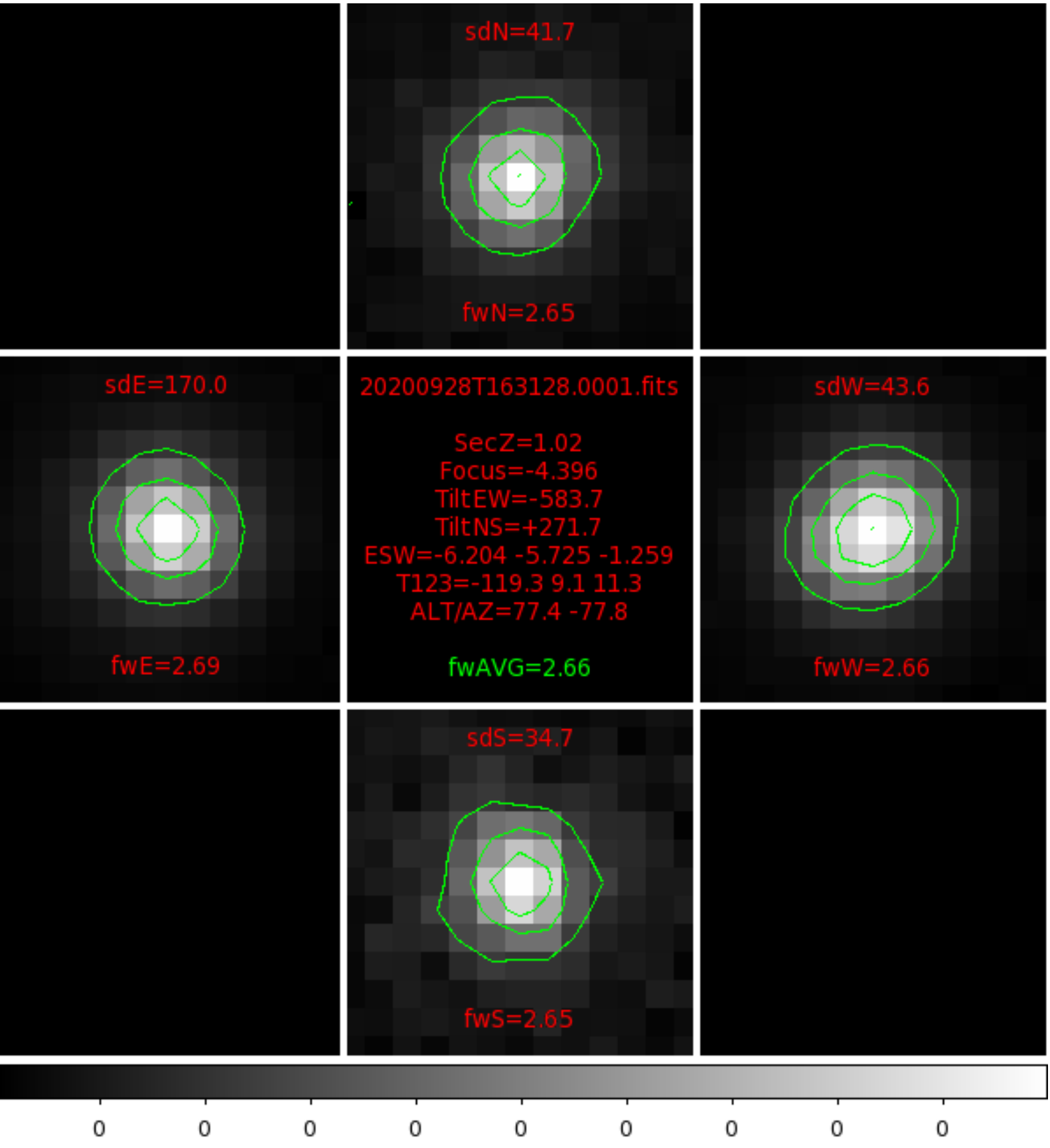
sdN=41.7
fwN=2.65
sdE=170.0
fwE=2.69
20200928T163128.0001.fits
SecZ=1.02
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.1 11.3
ALT/AZ=77.4 -77.8
fwAVG=2.66
sdW=43.6
fwW=2.66
sdS=34.7
fwS=2.65
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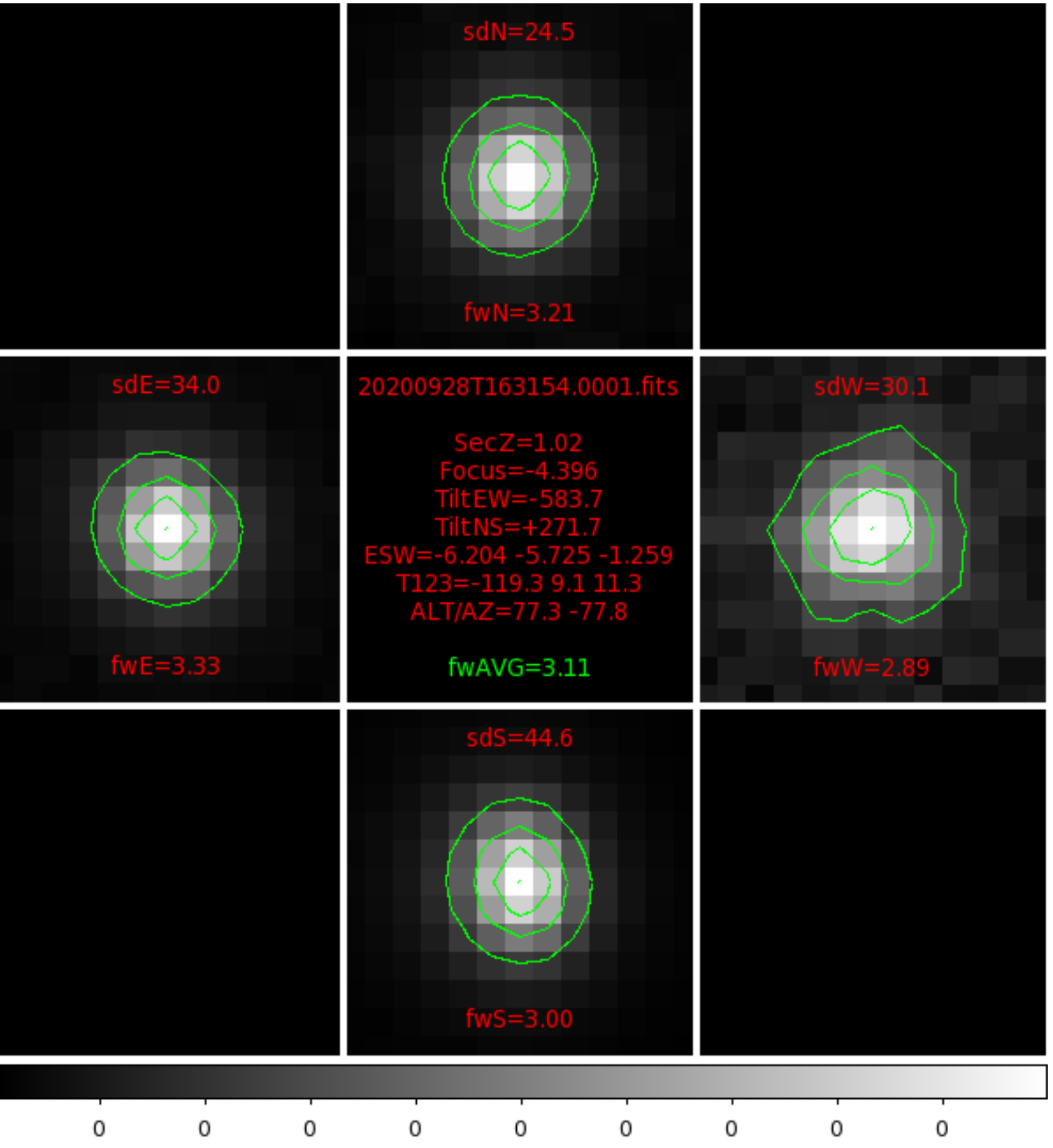
sdN=24.5
fwN=3.21
sdE=34.0
fwE=3.33
20200928T163154.0001.fits
SecZ=1.02
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.1 11.3
ALT/AZ=77.3 -77.8
fwAVG=3.11
sdW=30.1
fwW=2.89
sdS=44.6
fwS=3.00
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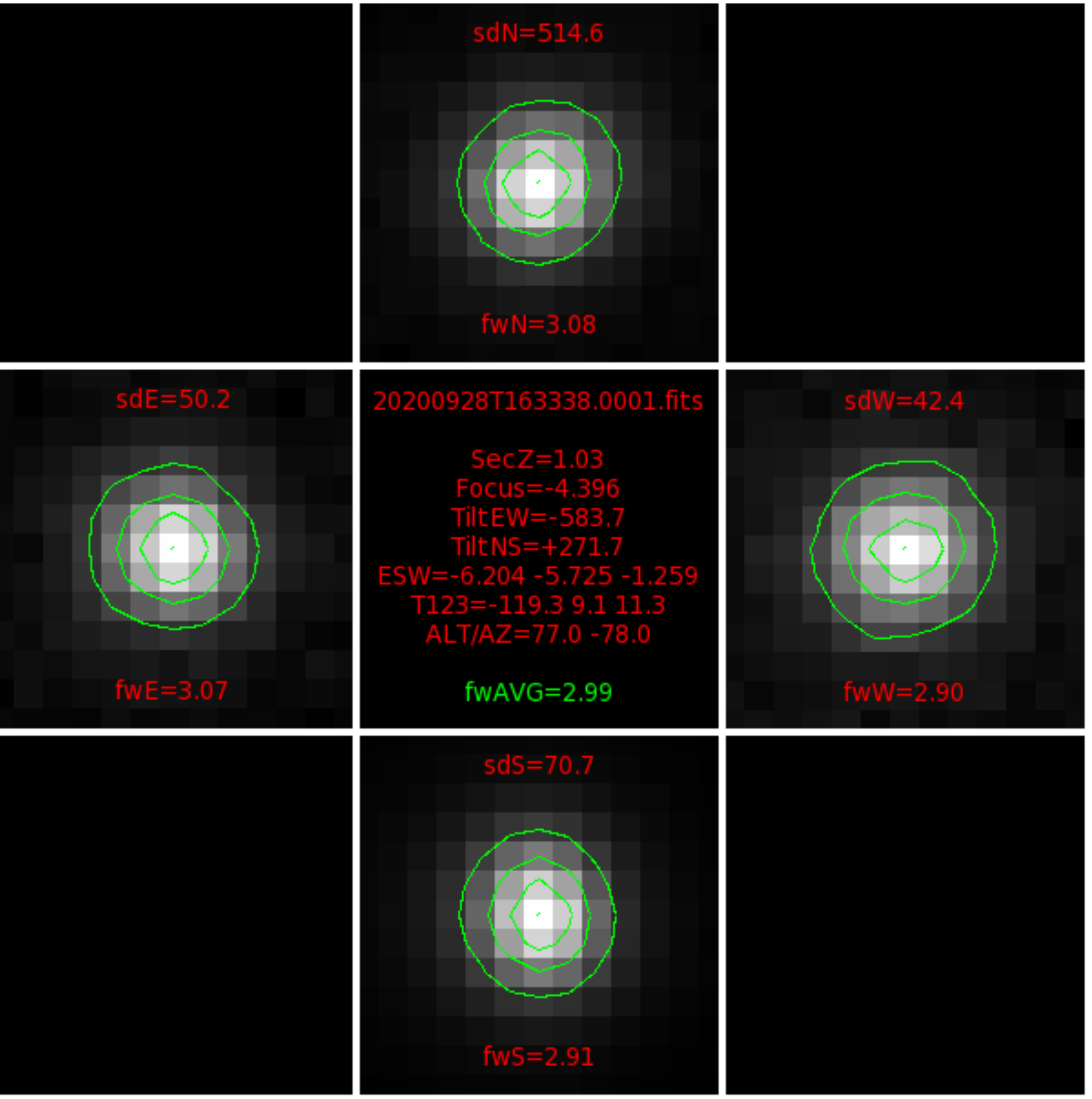
sdN=514.6
fwN=3.08
sdE=50.2
fwE=3.07
20200928T163338.0001.fits
SecZ=1.03
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.1 11.3
ALT/AZ=77.0 -78.0
fwAVG=2.99
sdW=42.4
fwW=2.90
sdS=70.7
fwS=2.91
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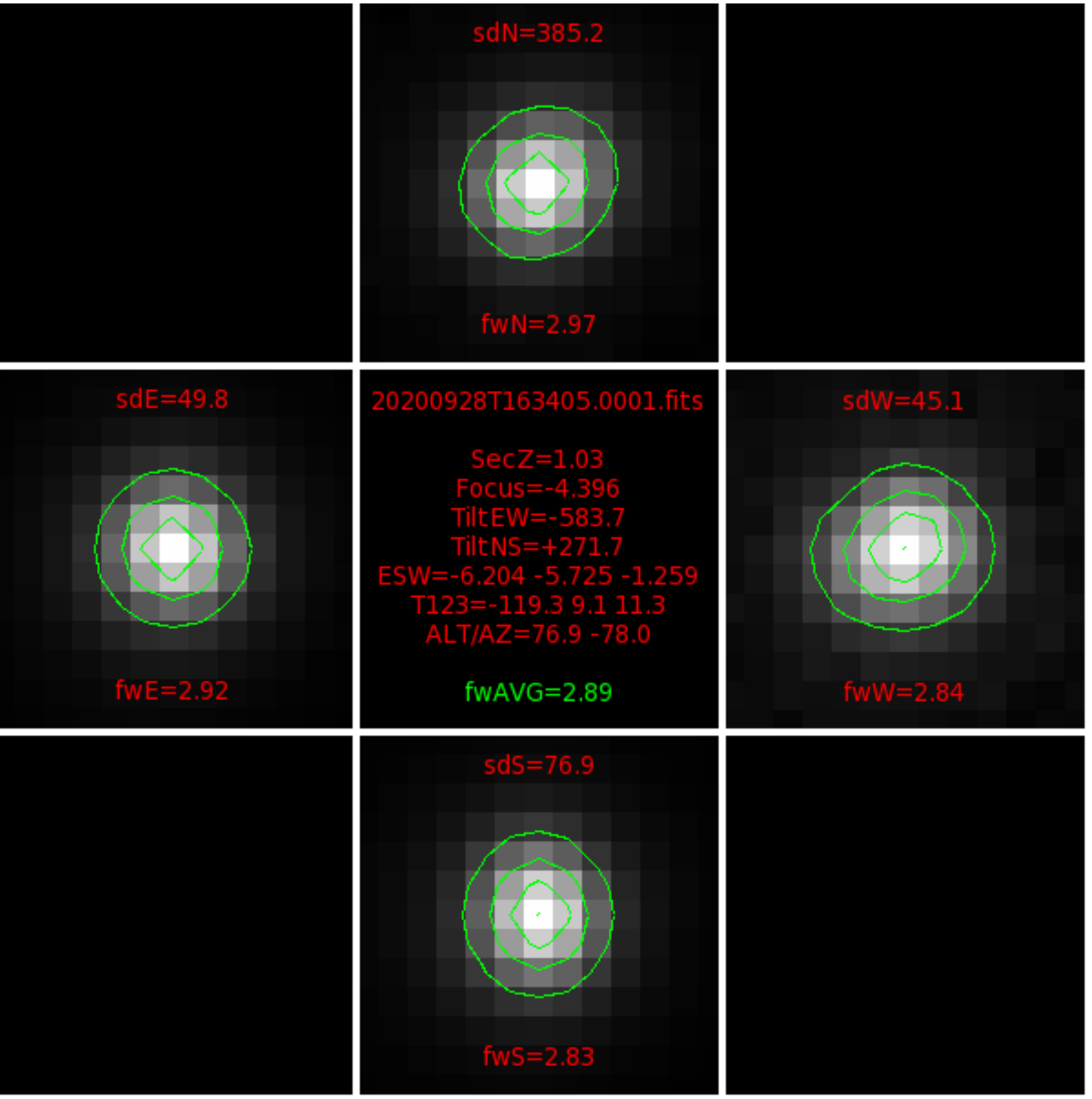
sdN=385.2
fwN=2.97
sdE=49.8
fwE=2.92
20200928T163405.0001.fits
SecZ=1.03
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.3 9.1 11.3
ALT/AZ=76.9 -78.0
fwAVG=2.89
sdW=45.1
fwW=2.84
sdS=76.9
fwS=2.83
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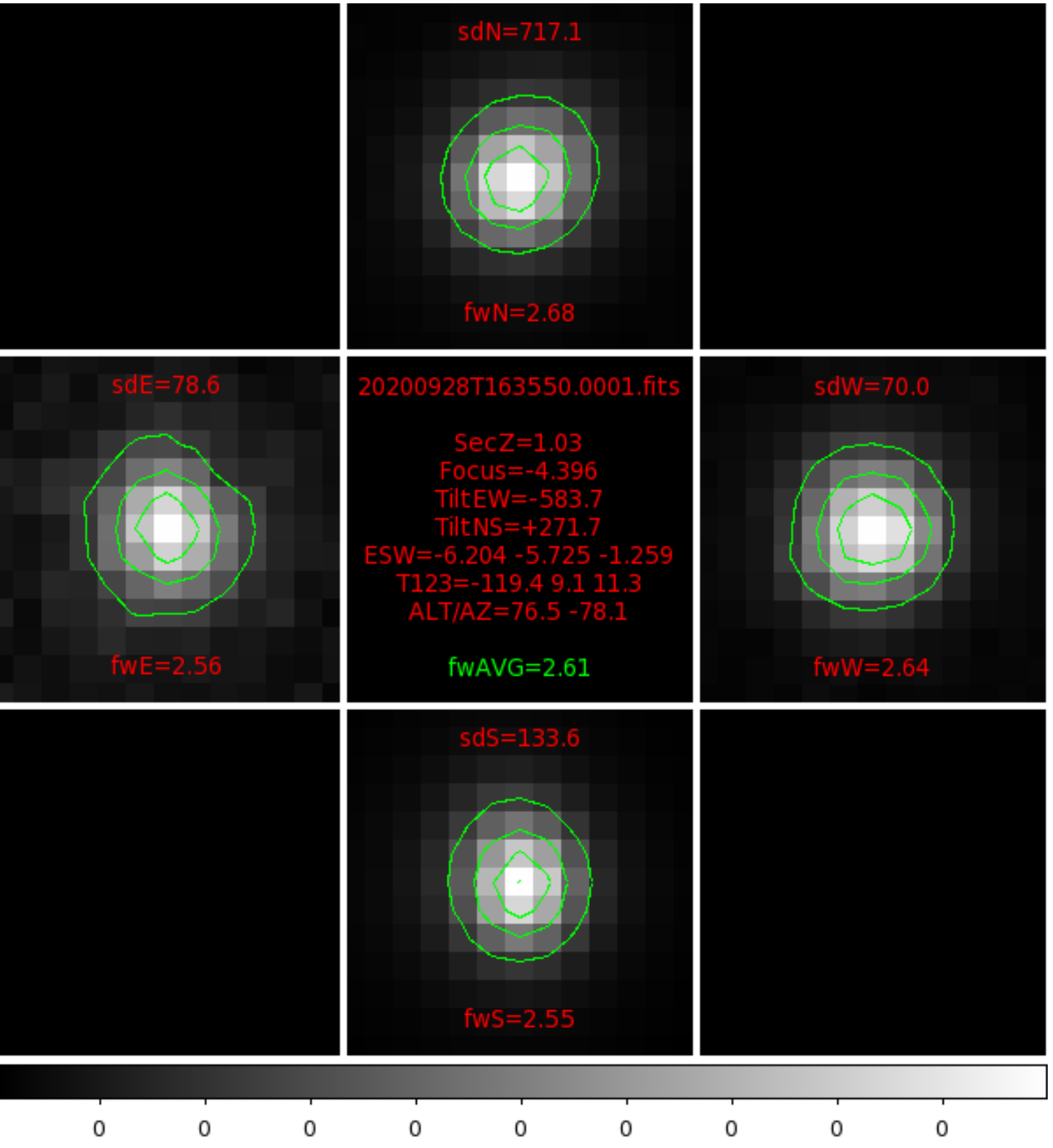
sdN=717.1
fwN=2.68
sdE=78.6
fwE=2.56
20200928T163550.0001.fits
SecZ=1.03
Focus=-4.396
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.204 -5.725 -1.259
T123=-119.4 9.1 11.3
ALT/AZ=76.5 -78.1
fwAVG=2.61
sdW=70.0
fwW=2.64
sdS=133.6
fwS=2.55
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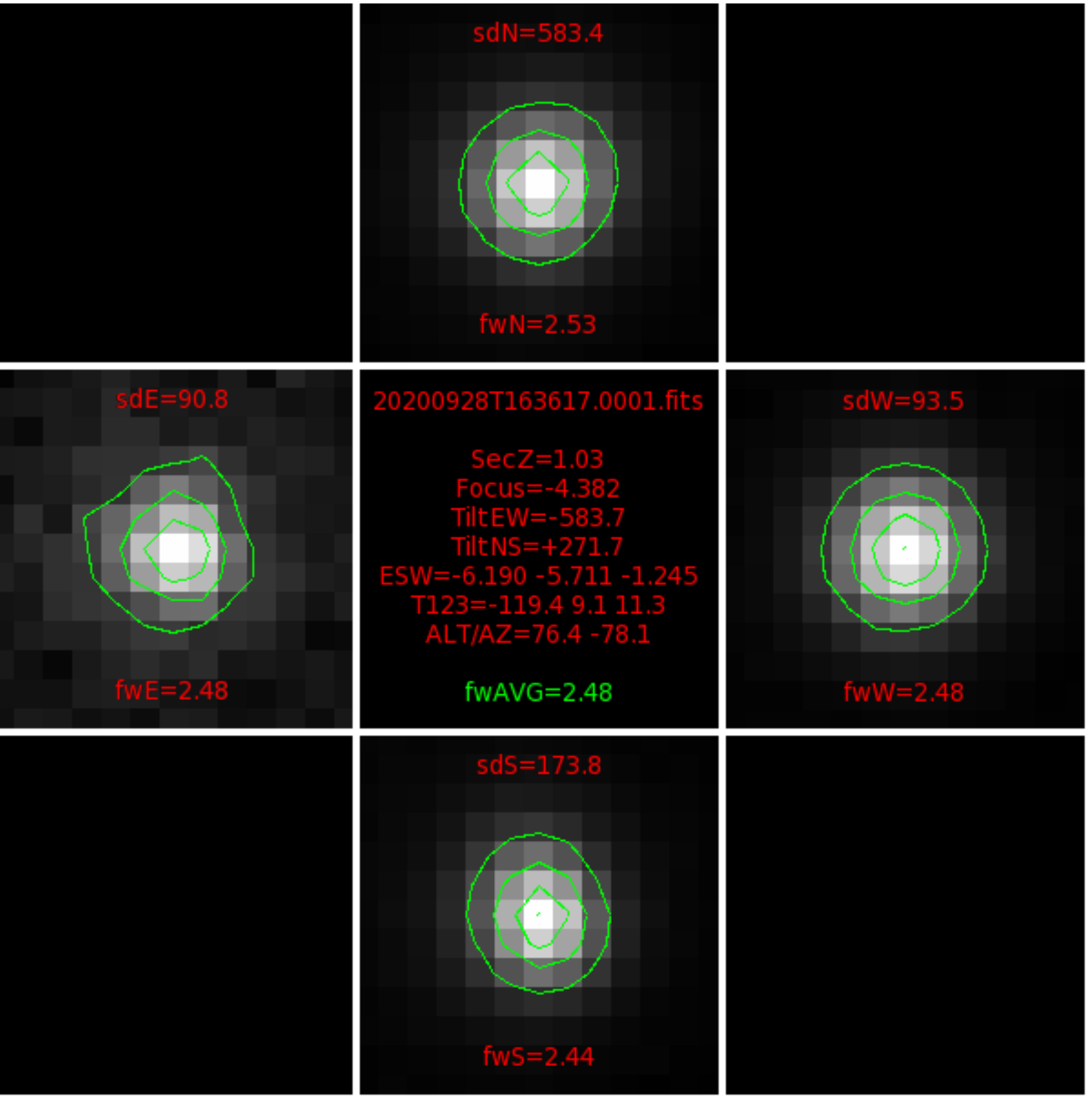
sdN=583.4
fwN=2.53
sdE=90.8
fwE=2.48
20200928T163617.0001.fits
SecZ=1.03
Focus=-4.382
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.190 -5.711 -1.245
T123=-119.4 9.1 11.3
ALT/AZ=76.4 -78.1
fwAVG=2.48
sdW=93.5
fwW=2.48
sdS=173.8
fwS=2.44
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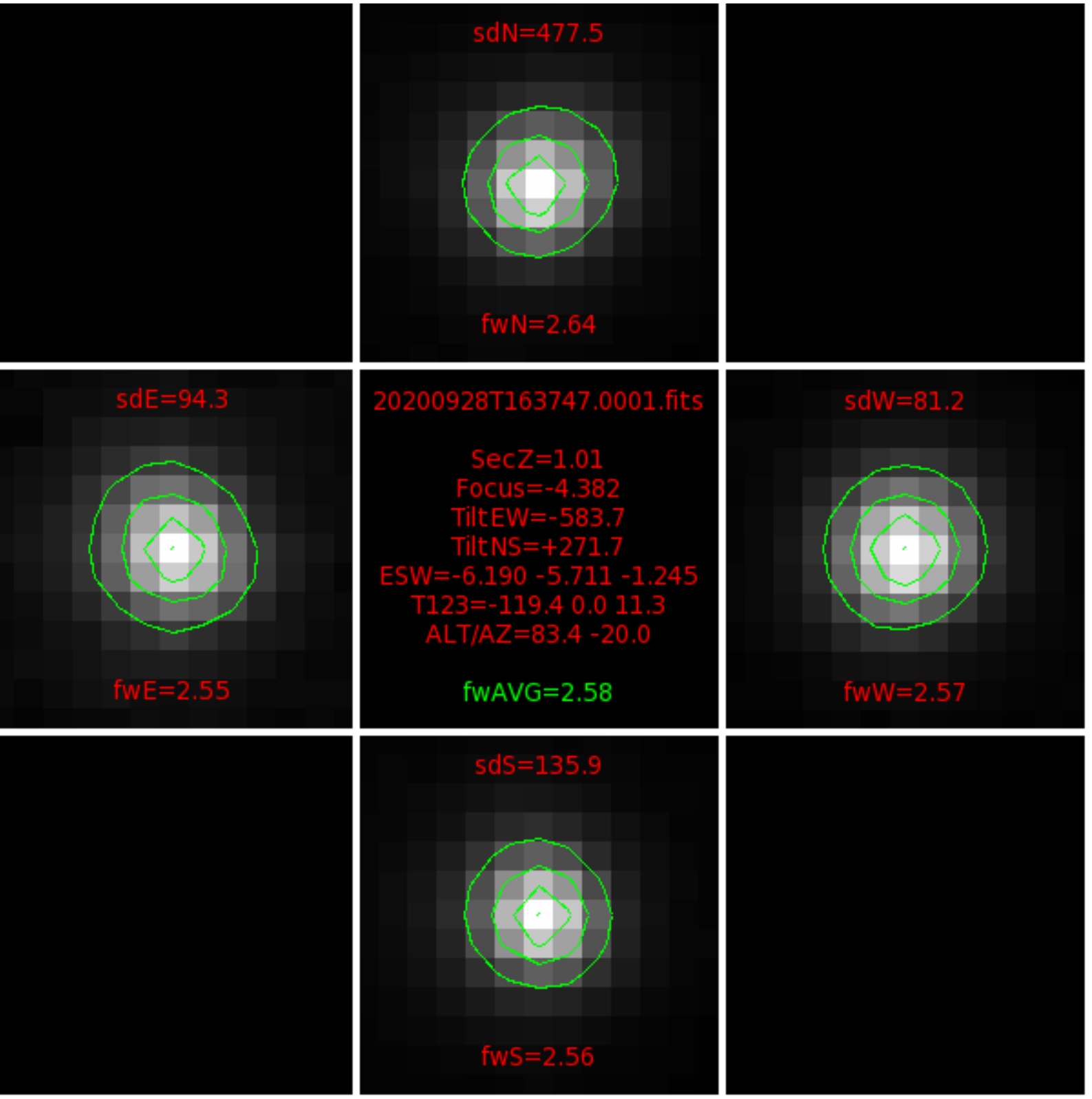
sdN=477.5
fwN=2.64
sdE=94.3
fwE=2.55
20200928T163747.0001.fits
SecZ=1.01
Focus=-4.382
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.190 -5.711 -1.245
T123=-119.4 0.0 11.3
ALT/AZ=83.4 -20.0
fwAVG=2.58
sdW=81.2
fwW=2.57
sdS=135.9
fwS=2.56
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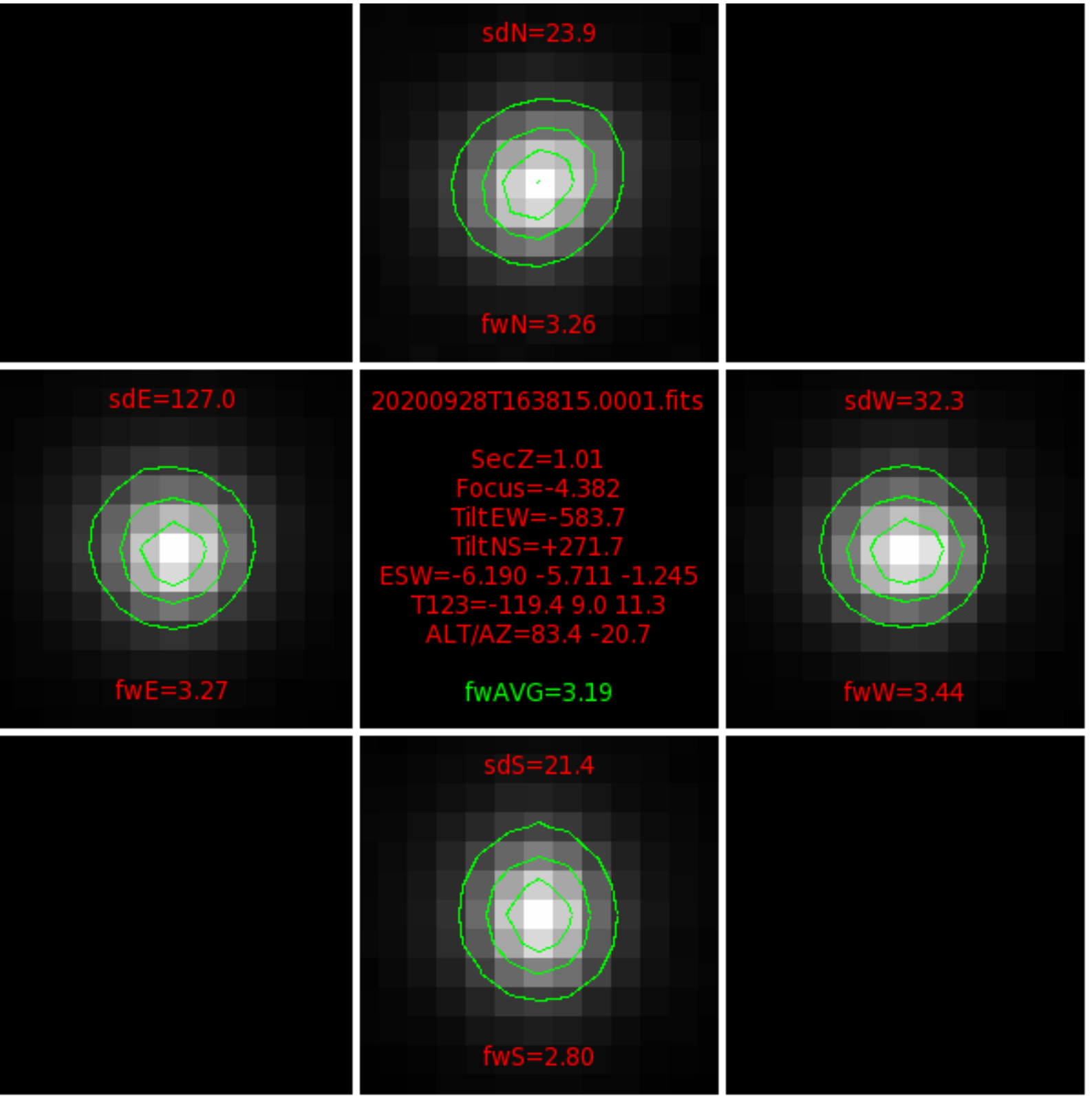
sdN=23.9
fwN=3.26
sdE=127.0
fwE=3.27
20200928T163815.0001.fits
SecZ=1.01
Focus=-4.382
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.190 -5.711 -1.245
T123=-119.4 9.0 11.3
ALT/AZ=83.4 -20.7
fwAVG=3.19
sdW=32.3
fwW=3.44
sdS=21.4
fwS=2.80
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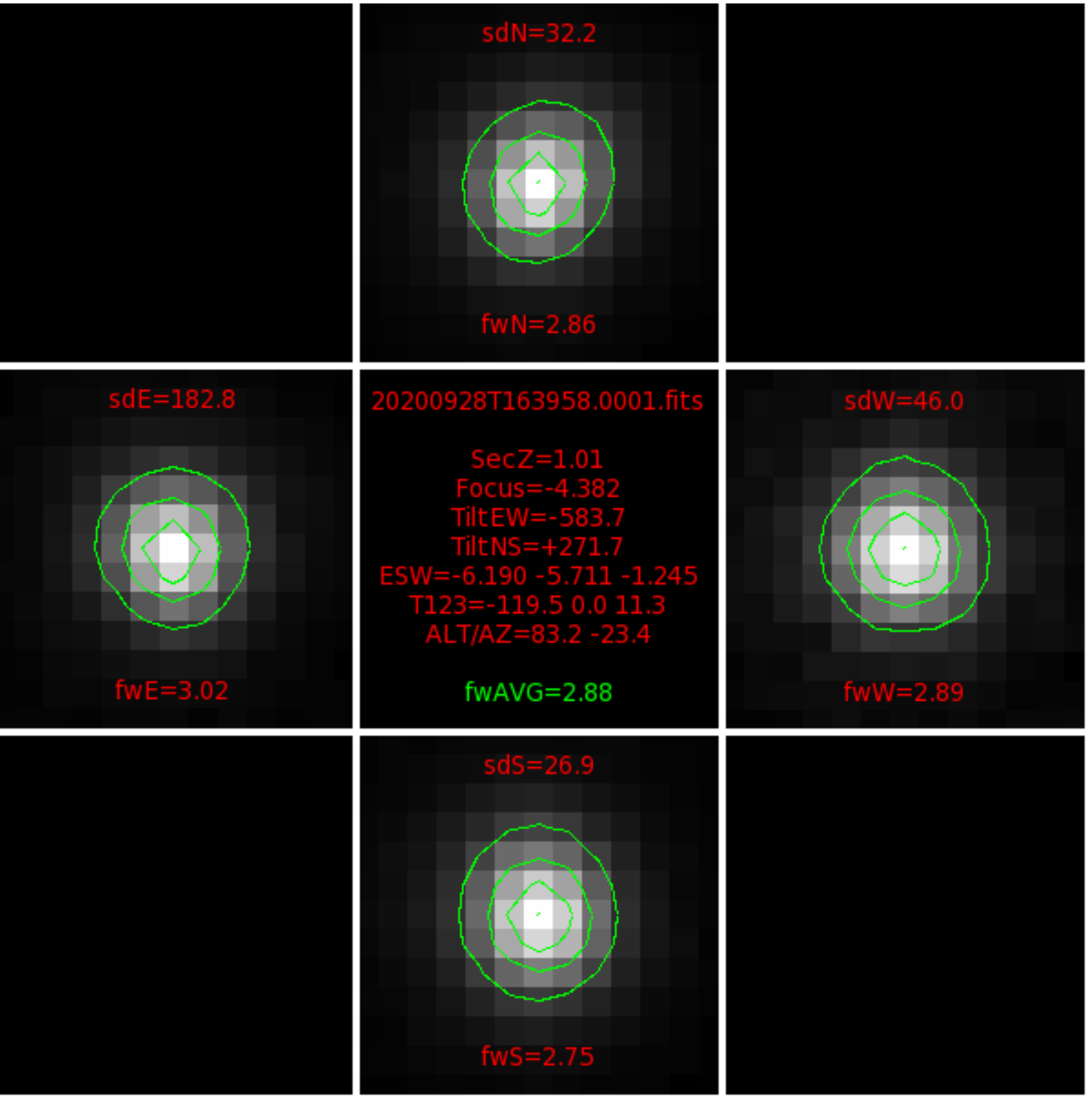
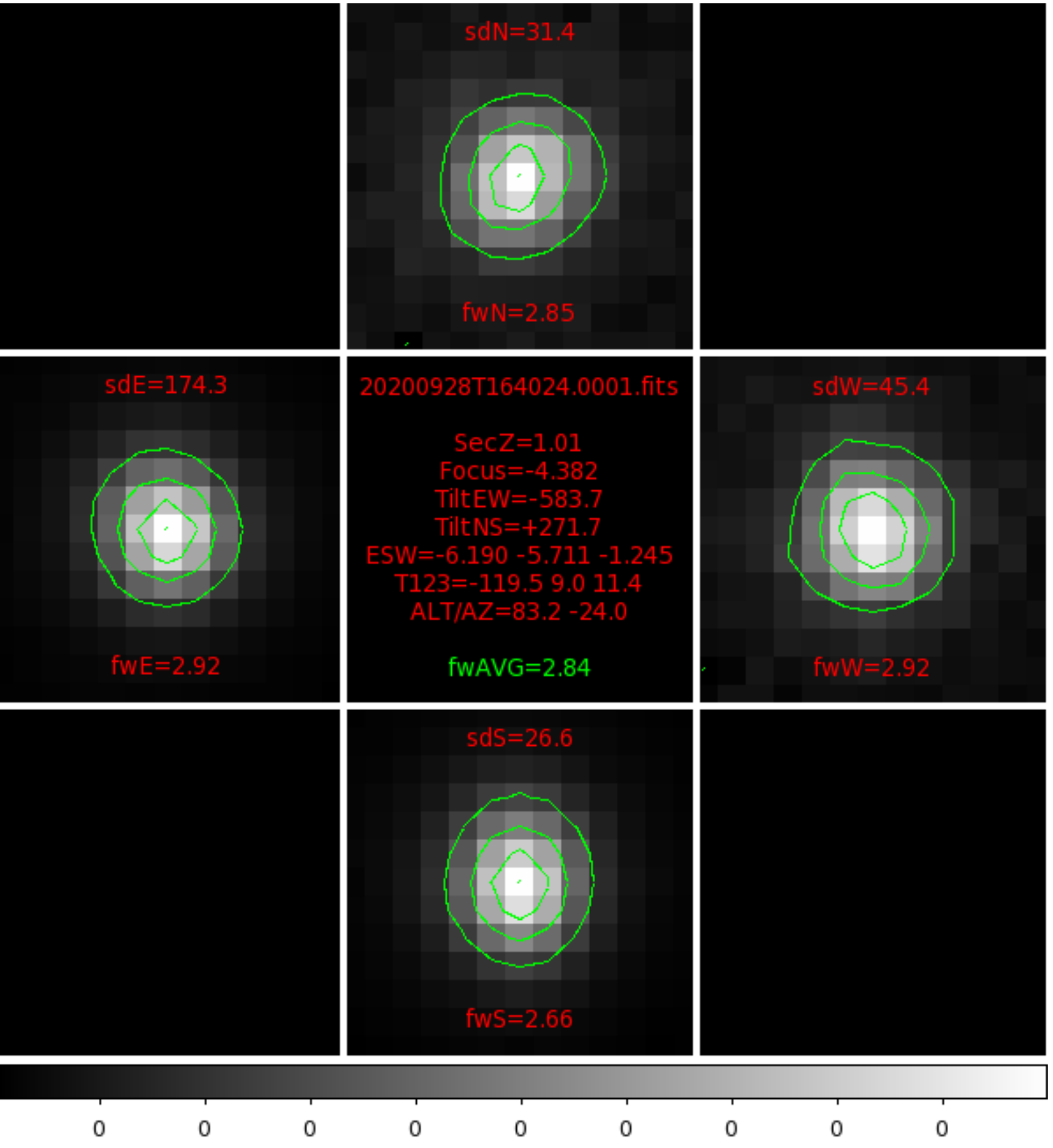

sdN=32.2
fwN=2.86
sdE=182.8
fwE=3.02
20200928T163958.0001.fits
SecZ=1.01
Focus=-4.382
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.190 -5.711 -1.245
T123=-119.5 0.0 11.3
ALT/AZ=83.2 -23.4
fwAVG=2.88
sdW=46.0
fwW=2.89
sdS=26.9
fwS=2.75
0 0 0 0 0 0 0 0 0


sdN=31.4
fwN=2.85
sdE=174.3
fwE=2.92
20200928T164024.0001.fits
SecZ=1.01
Focus=-4.382
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.190 -5.711 -1.245
T123=-119.5 9.0 11.4
ALT/AZ=83.2 -24.0
fwAVG=2.84
sdW=45.4
fwW=2.92
sdS=26.6
fwS=2.66
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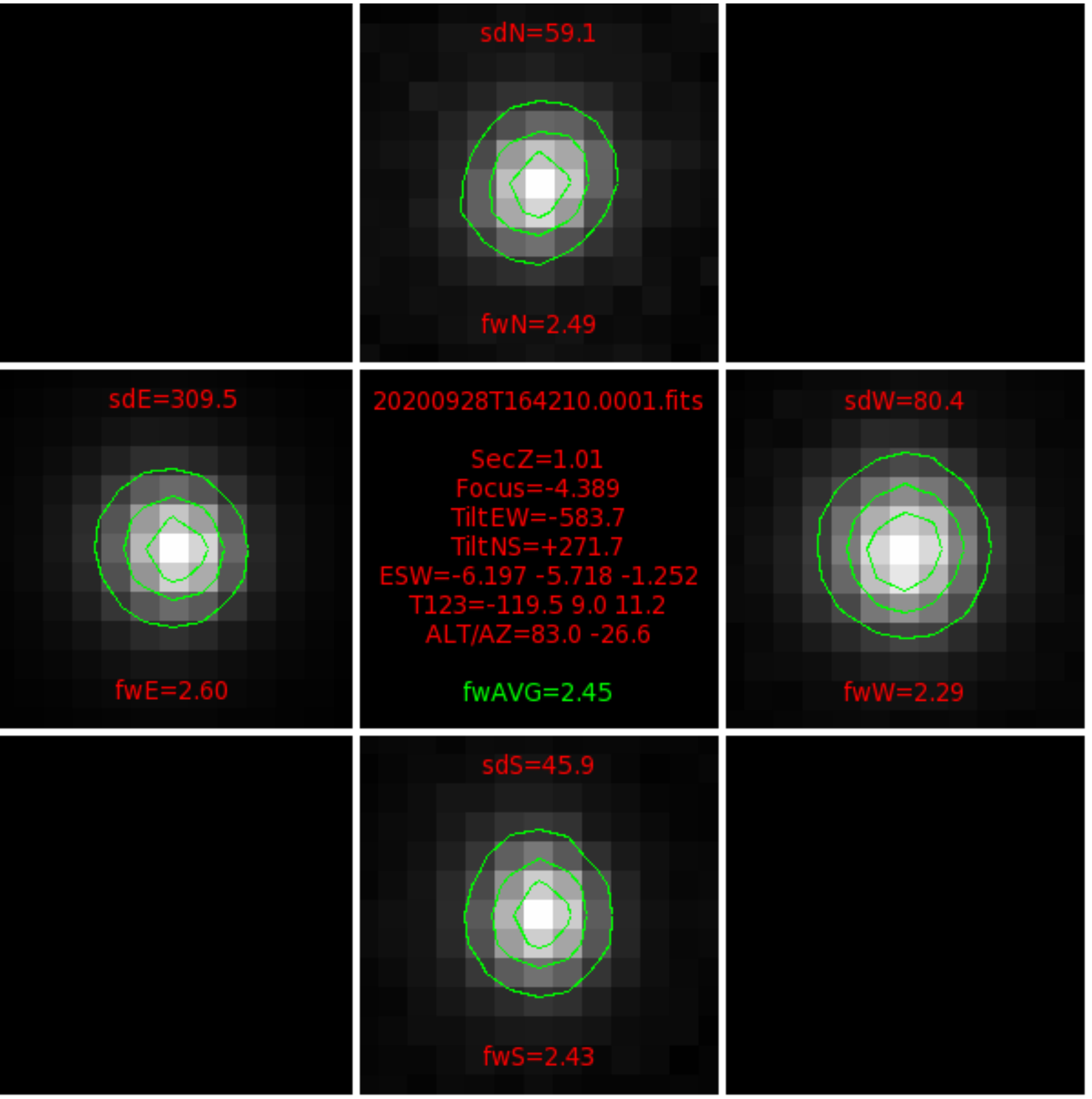
sdN=59.1
fwN=2.49
sdE=309.5
fwE=2.60
20200928T164210.0001.fits
SecZ=1.01
Focus=-4.389
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.197 -5.718 -1.252
T123=-119.5 9.0 11.2
ALT/AZ=83.0 -26.6
fwAVG=2.45
sdW=80.4
fwW=2.29
sdS=45.9
fwS=2.43
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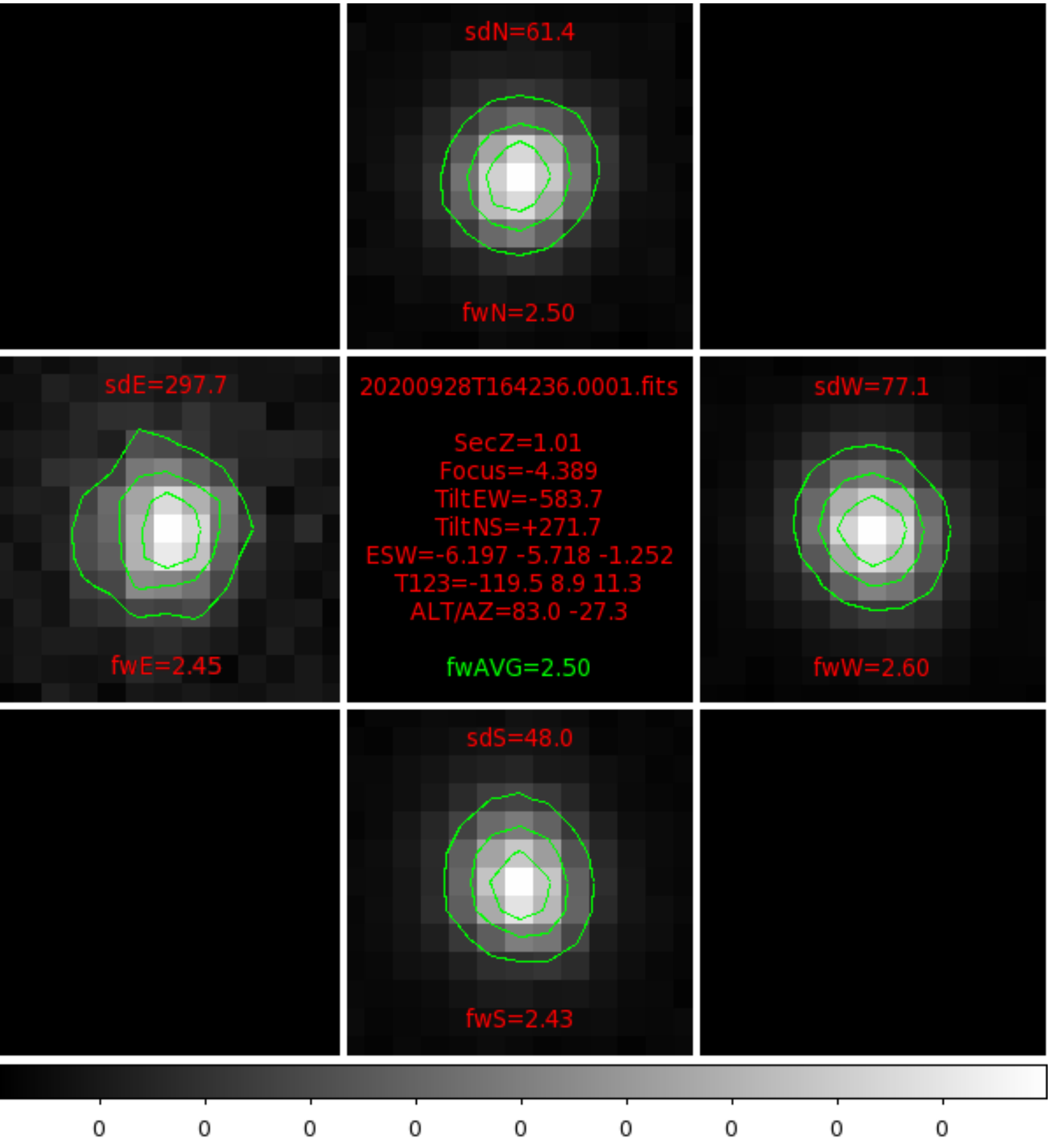
sdN=61.4
fwN=2.50
sdE=297.7
fwE=2.45
20200928T164236.0001.fits
SecZ=1.01
Focus=-4.389
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.197 -5.718 -1.252
T123=-119.5 8.9 11.3
ALT/AZ=83.0 -27.3
fwAVG=2.50
sdW=77.1
fwW=2.60
sdS=48.0
fwS=2.43
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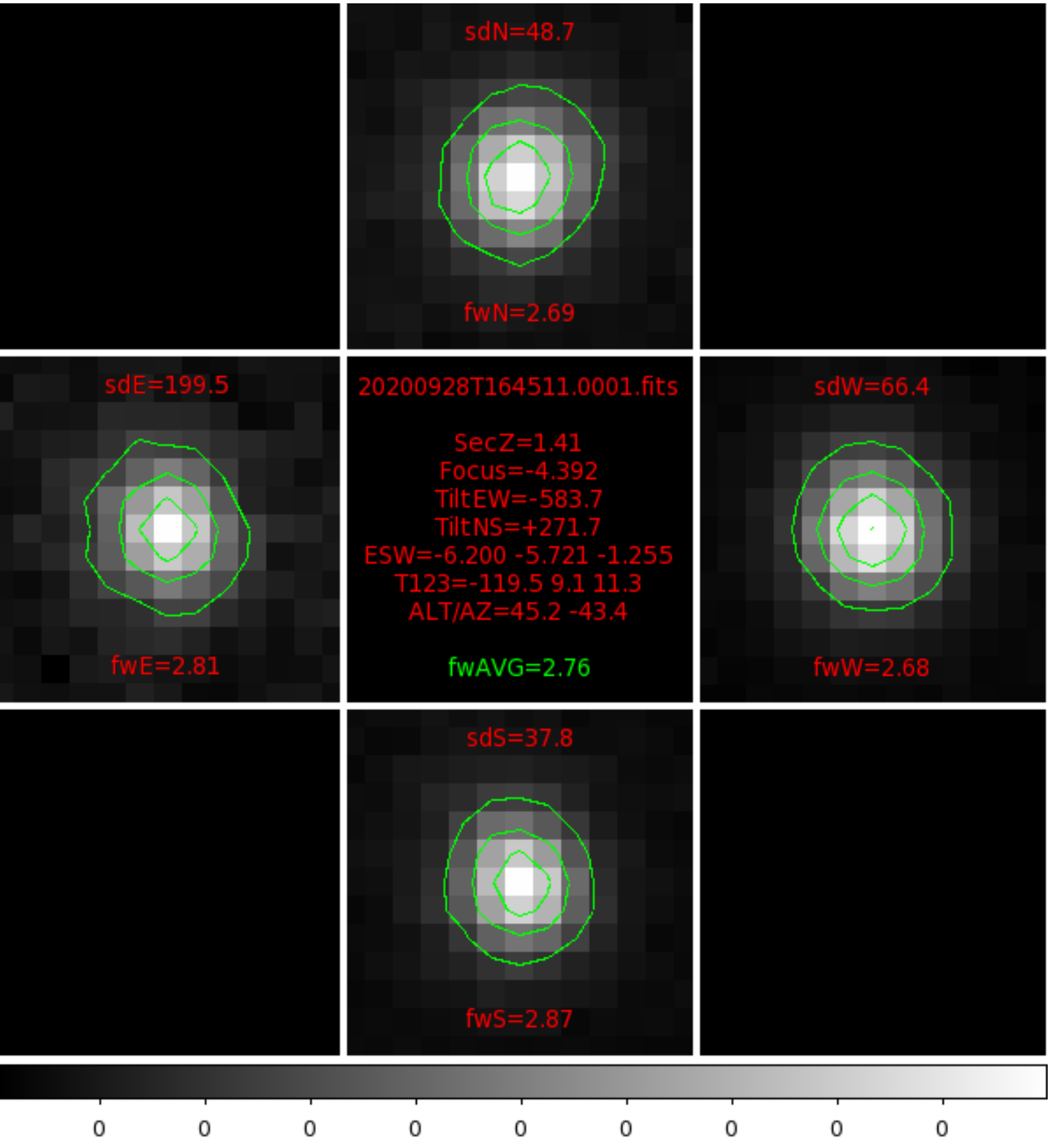
sdN=48.7
fwN=2.69
sdE=199.5
fwE=2.81
20200928T164511.0001.fits
SecZ=1.41
Focus=-4.392
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.200 -5.721 -1.255
T123=-119.5 9.1 11.3
ALT/AZ=45.2 -43.4
fwAVG=2.76
sdW=66.4
fwW=2.68
sdS=37.8
fwS=2.87
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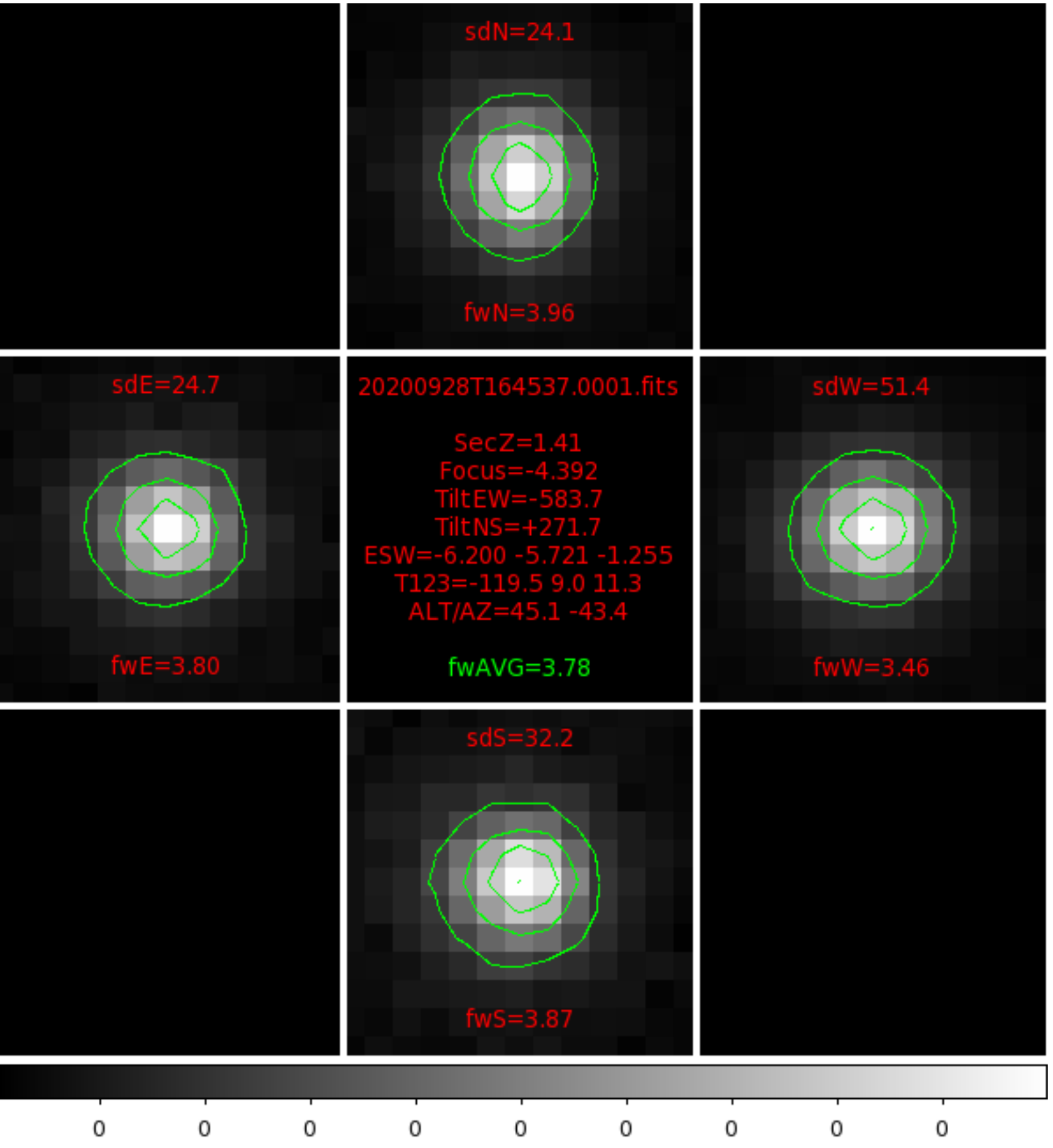
sdN=24.1
fwN=3.96
sdE=24.7
fwE=3.80
20200928T164537.0001.fits
SecZ=1.41
Focus=-4.392
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.200 -5.721 -1.255
T123=-119.5 9.0 11.3
ALT/AZ=45.1 -43.4
fwAVG=3.78
sdW=51.4
fwW=3.46
sdS=32.2
fwS=3.87
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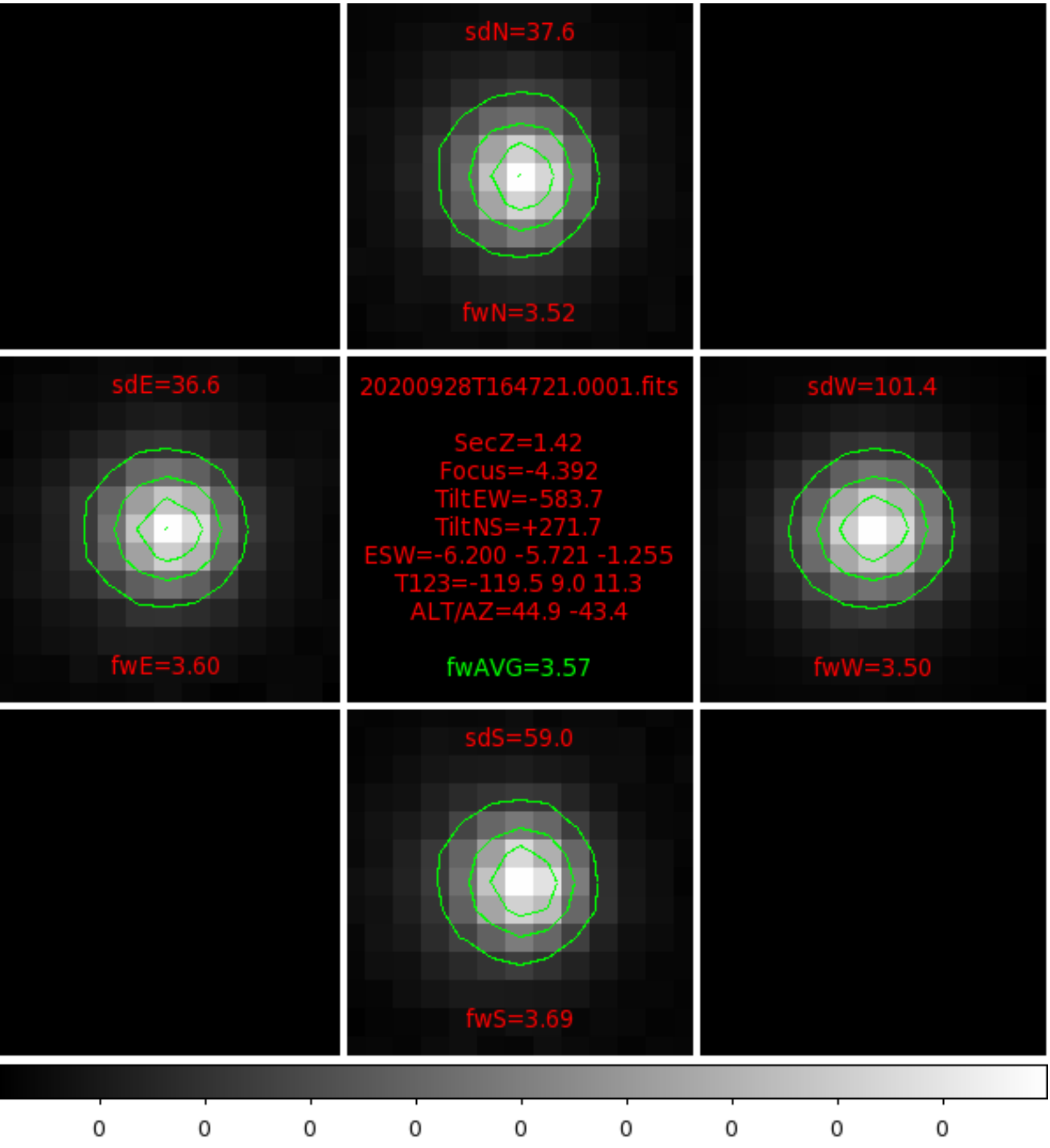
sdN=37.6
fwN=3.52
sdE=36.6
fwE=3.60
20200928T164721.0001.fits
SecZ=1.42
Focus=-4.392
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.200 -5.721 -1.255
T123=-119.5 9.0 11.3
ALT/AZ=44.9 -43.4
fwAVG=3.57
sdW=101.4
fwW=3.50
sdS=59.0
fwS=3.69
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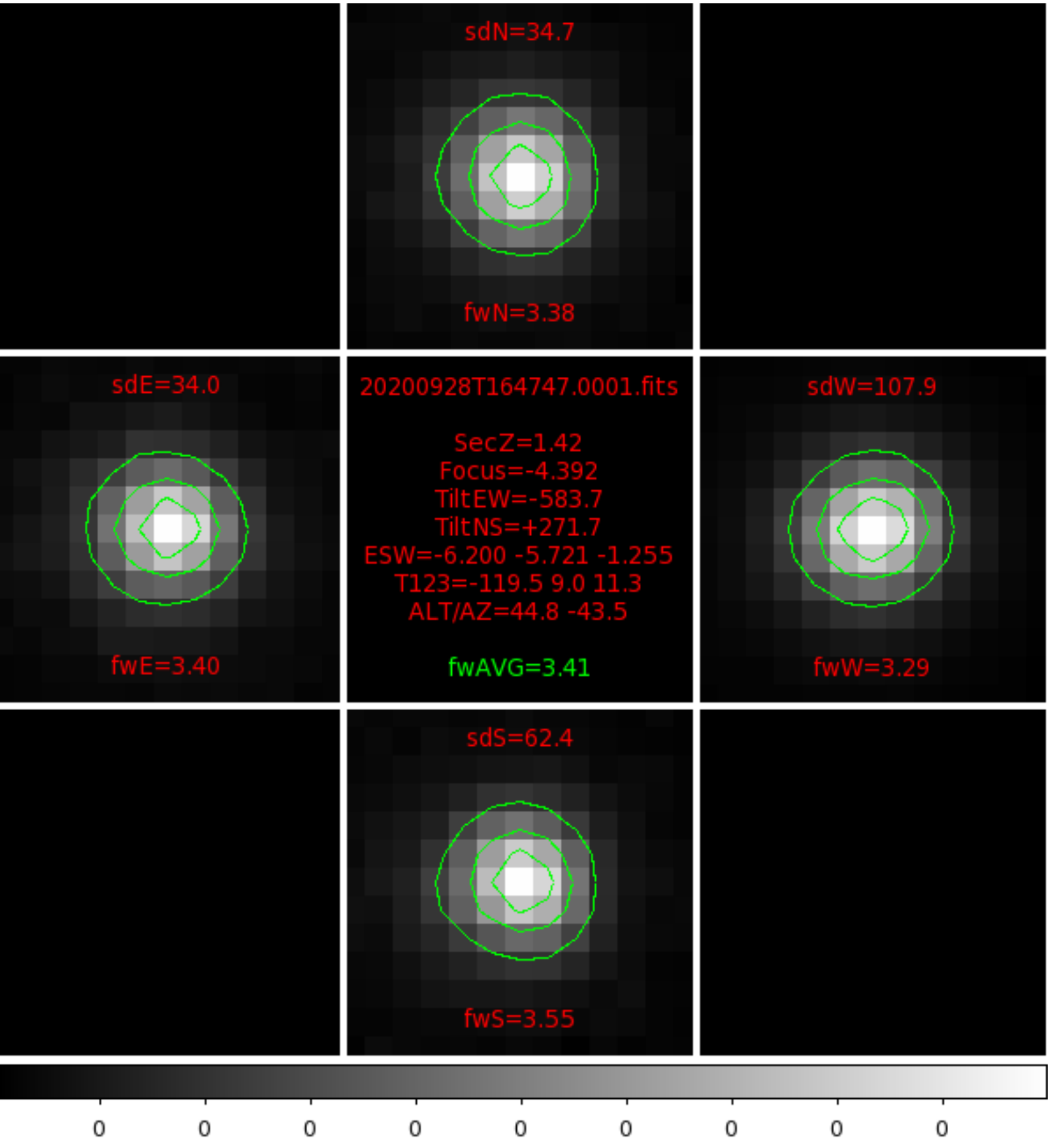
sdN=34.7
fwN=3.38
sdE=34.0
fwE=3.40
20200928T164747.0001.fits
SecZ=1.42
Focus=-4.392
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.200 -5.721 -1.255
T123=-119.5 9.0 11.3
ALT/AZ=44.8 -43.5
fwAVG=3.41
sdW=107.9
fwW=3.29
sdS=62.4
fwS=3.55
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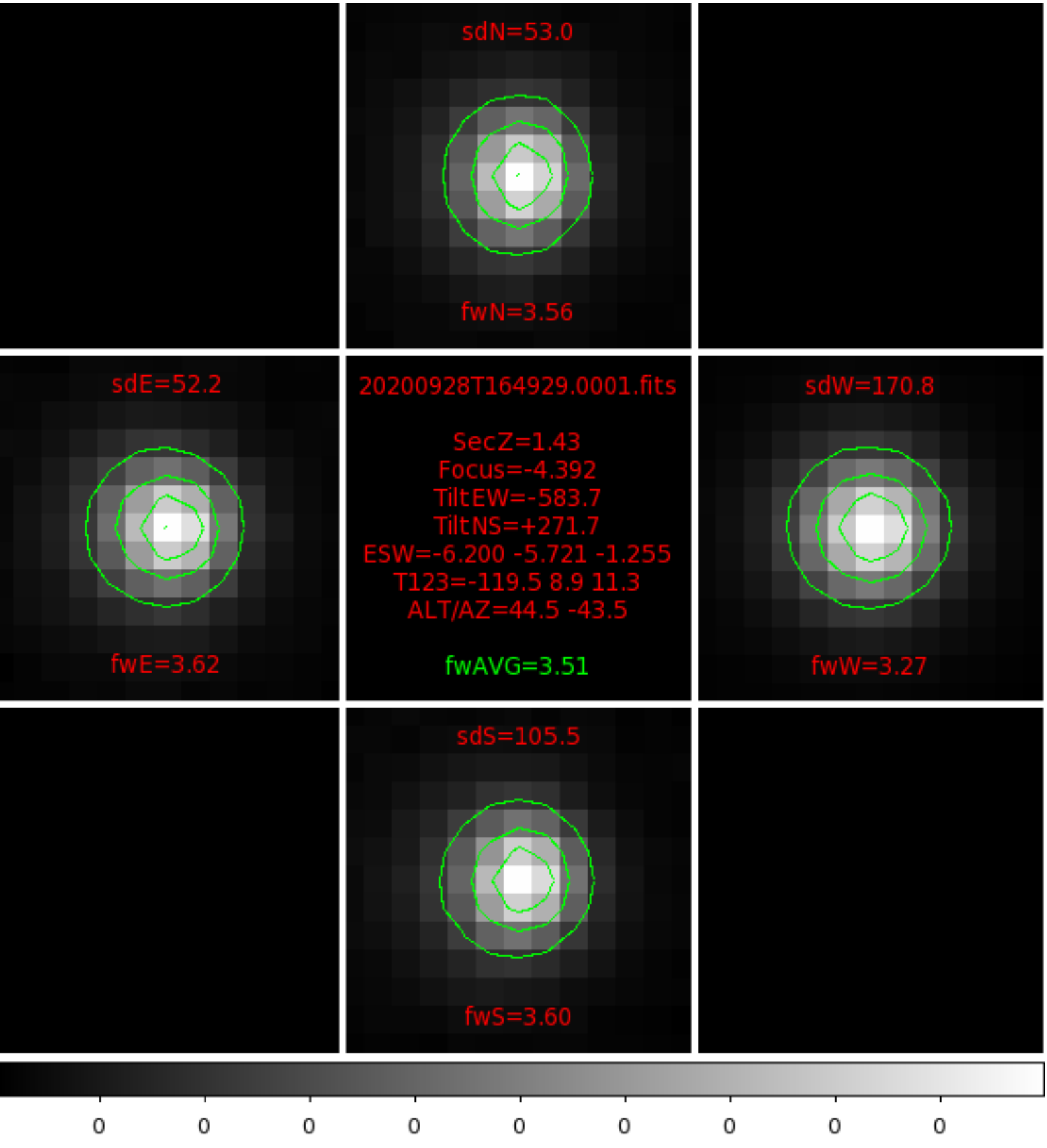
sdN=53.0
fwN=3.56
sdE=52.2
fwE=3.62
20200928T164929.0001.fits
SecZ=1.43
Focus=-4.392
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.200 -5.721 -1.255
T123=-119.5 8.9 11.3
ALT/AZ=44.5 -43.5
fwAVG=3.51
sdW=170.8
fwW=3.27
sdS=105.5
fwS=3.60
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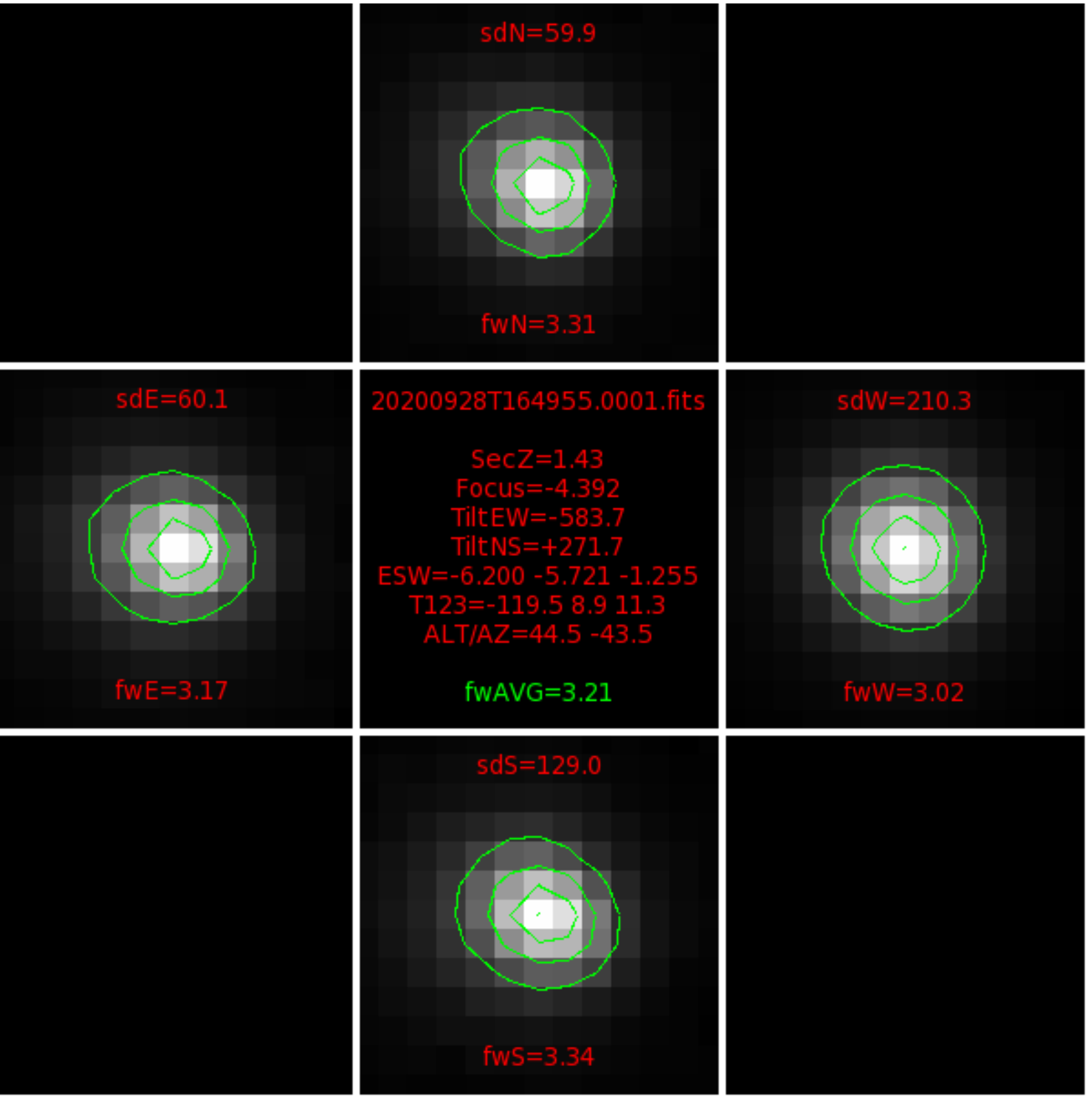
sdN=59.9
fwN=3.31
sdE=60.1
fwE=3.17
20200928T164955.0001.fits
SecZ=1.43
Focus=-4.392
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.200 -5.721 -1.255
T123=-119.5 8.9 11.3
ALT/AZ=44.5 -43.5
fwAVG=3.21
sdW=210.3
fwW=3.02
sdS=129.0
fwS=3.34
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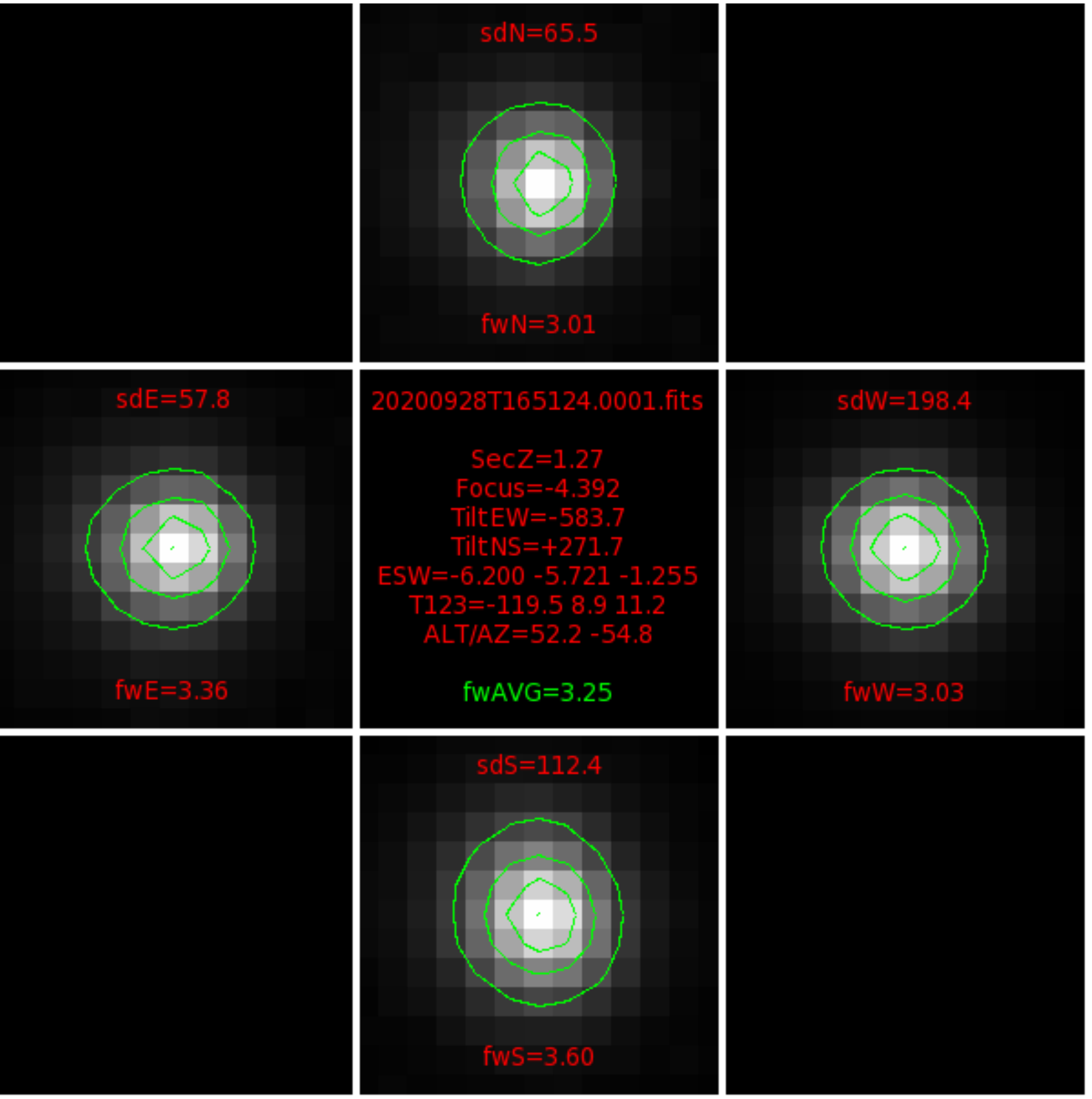
sdN=65.5
fwN=3.01
sdE=57.8
fwE=3.36
20200928T165124.0001.fits
SecZ=1.27
Focus=-4.392
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.200 -5.721 -1.255
T123=-119.5 8.9 11.2
ALT/AZ=52.2 -54.8
fwAVG=3.25
sdW=198.4
fwW=3.03
sdS=112.4
fwS=3.60
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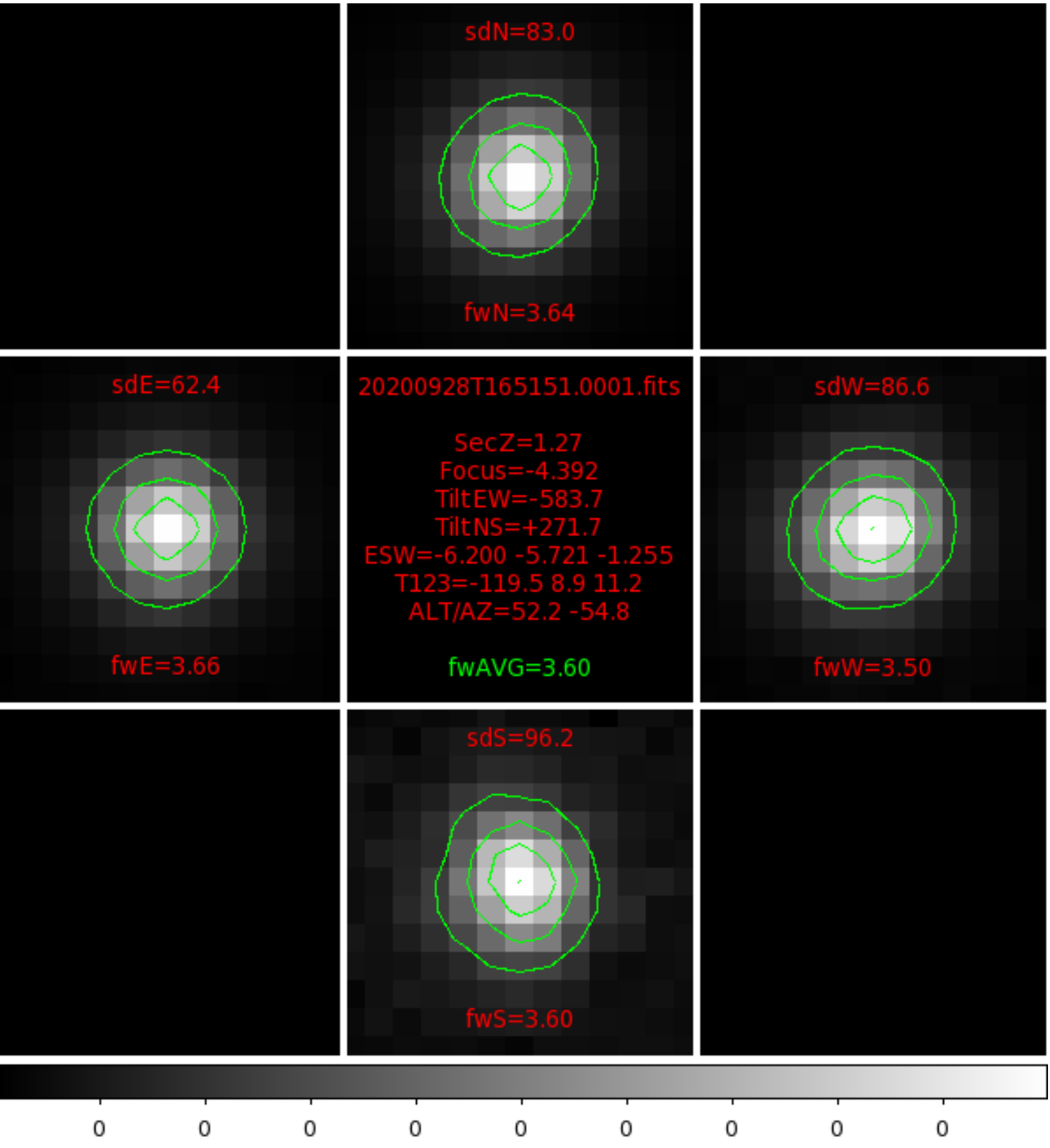
sdN=83.0
fwN=3.64
sdE=62.4
fwE=3.66
20200928T165151.0001.fits
SecZ=1.27
Focus=-4.392
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.200 -5.721 -1.255
T123=-119.5 8.9 11.2
ALT/AZ=52.2 -54.8
fwAVG=3.60
sdW=86.6
fwW=3.50
sdS=96.2
fwS=3.60
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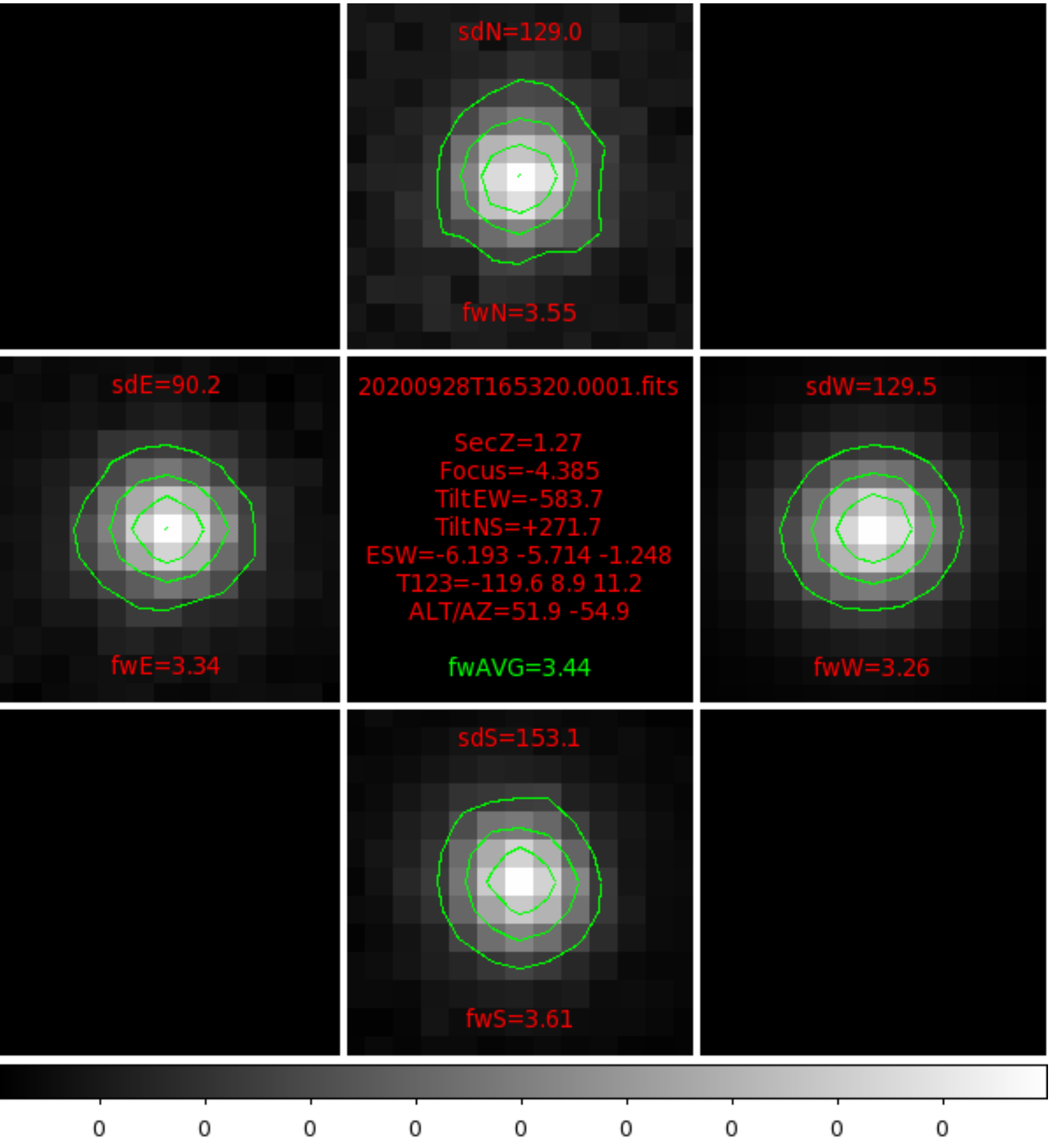
sdN=129.0
fwN=3.55
sdE=90.2
fwE=3.34
20200928T165320.0001.fits
SecZ=1.27
Focus=-4.385
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.193 -5.714 -1.248
T123=-119.6 8.9 11.2
ALT/AZ=51.9 -54.9
fwAVG=3.44
sdW=129.5
fwW=3.26
sdS=153.1
fwS=3.61
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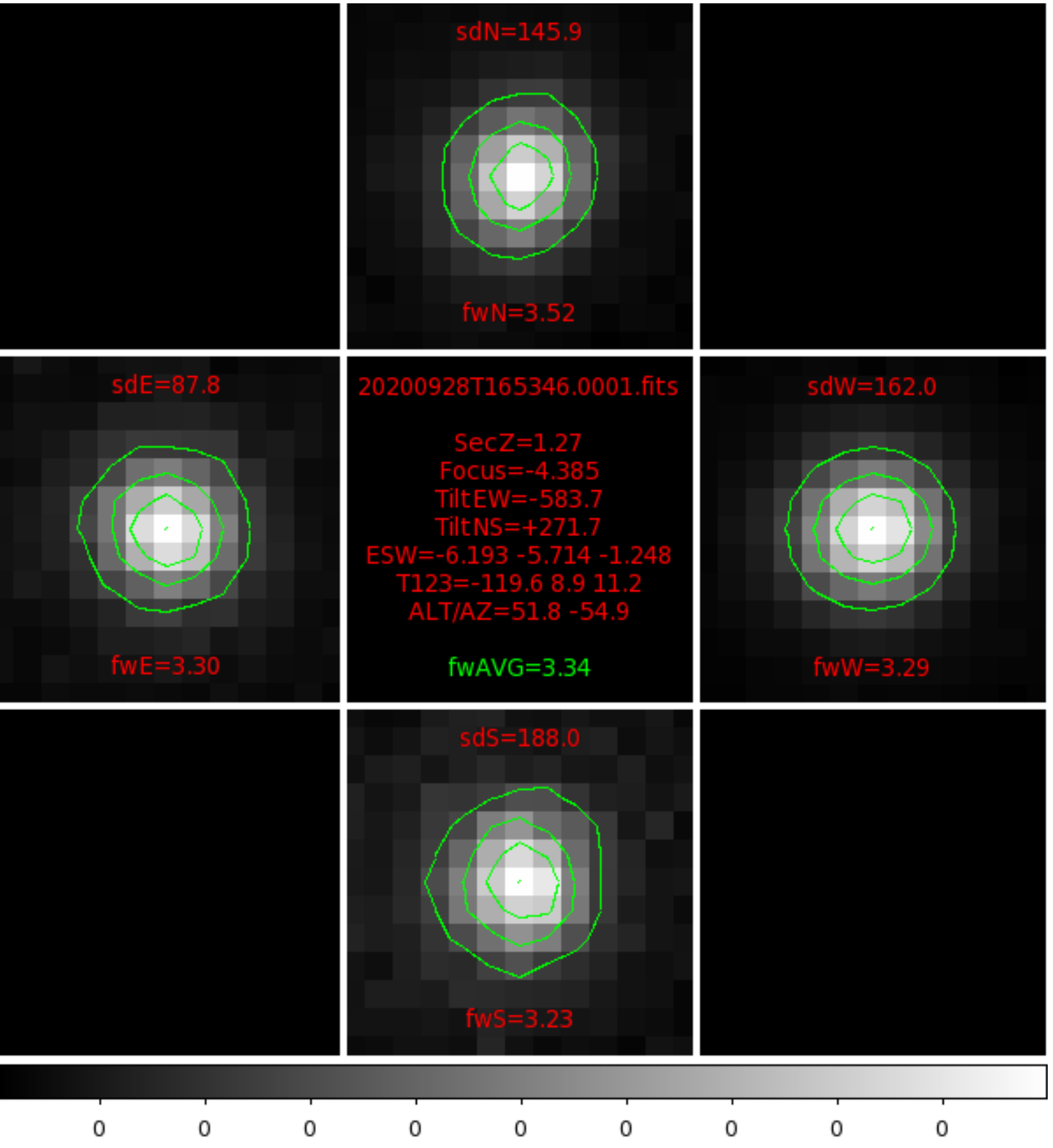
sdN=145.9
fwN=3.52
sdE=87.8
fwE=3.30
20200928T165346.0001.fits
SecZ=1.27
Focus=-4.385
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.193 -5.714 -1.248
T123=-119.6 8.9 11.2
ALT/AZ=51.8 -54.9
fwAVG=3.34
sdW=162.0
fwW=3.29
sdS=188.0
fwS=3.23
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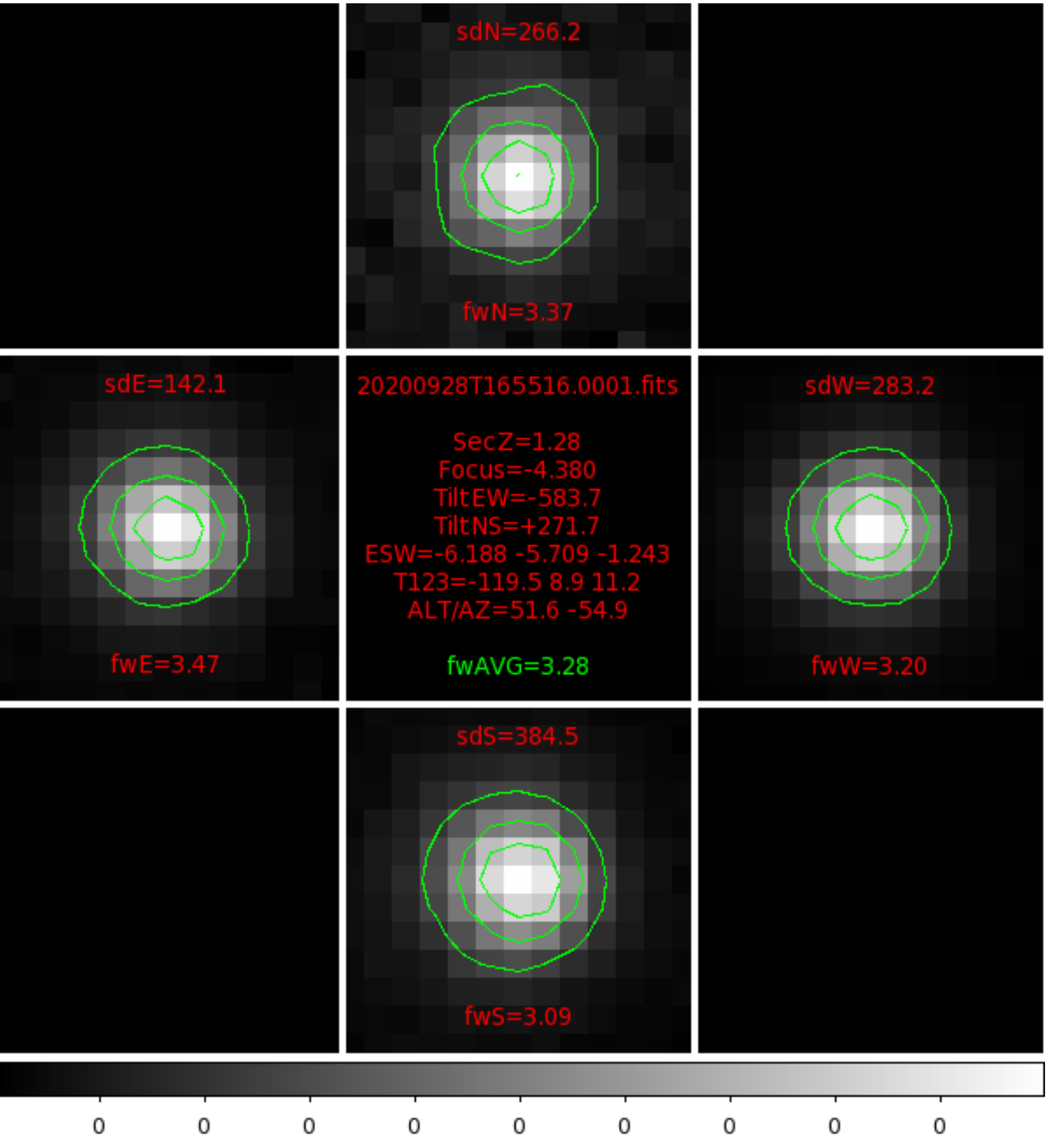
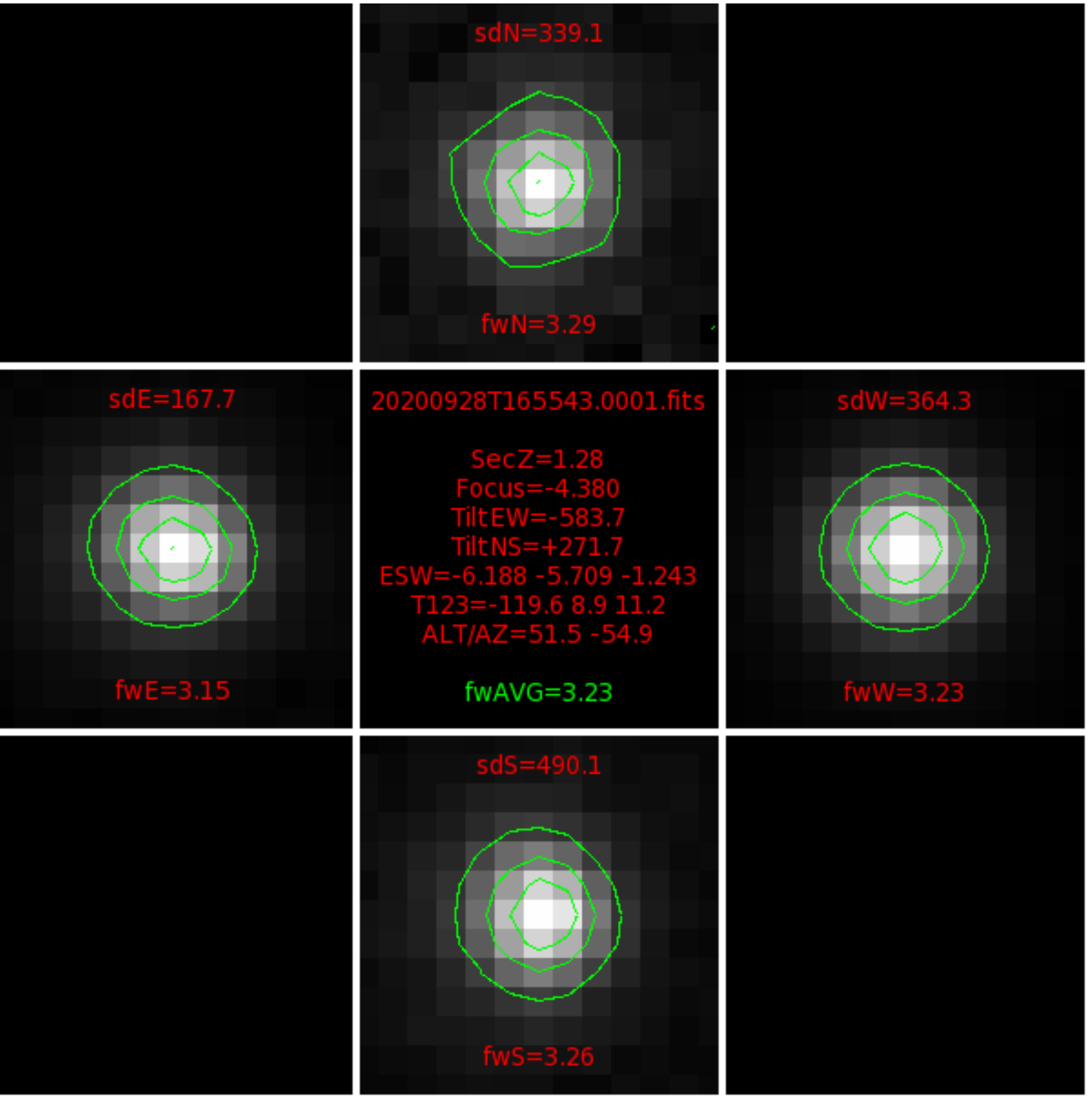

sdN=266.2
fwN=3.37
sdE=142.1
fwE=3.47
20200928T165516.0001.fits
SecZ=1.28
Focus=-4.380
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.188 -5.709 -1.243
T123=-119.5 8.9 11.2
ALT/AZ=51.6 -54.9
fwAVG=3.28
sdW=283.2
fwW=3.20
sdS=384.5
fwS=3.09
0 0 0 0 0 0 0 0 0


sdN=339.1
fwN=3.29
sdE=167.7
fwE=3.15
20200928T165543.0001.fits
SecZ=1.28
Focus=-4.380
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.188 -5.709 -1.243
T123=-119.6 8.9 11.2
ALT/AZ=51.5 -54.9
fwAVG=3.23
sdW=364.3
fwW=3.23
sdS=490.1
fwS=3.26
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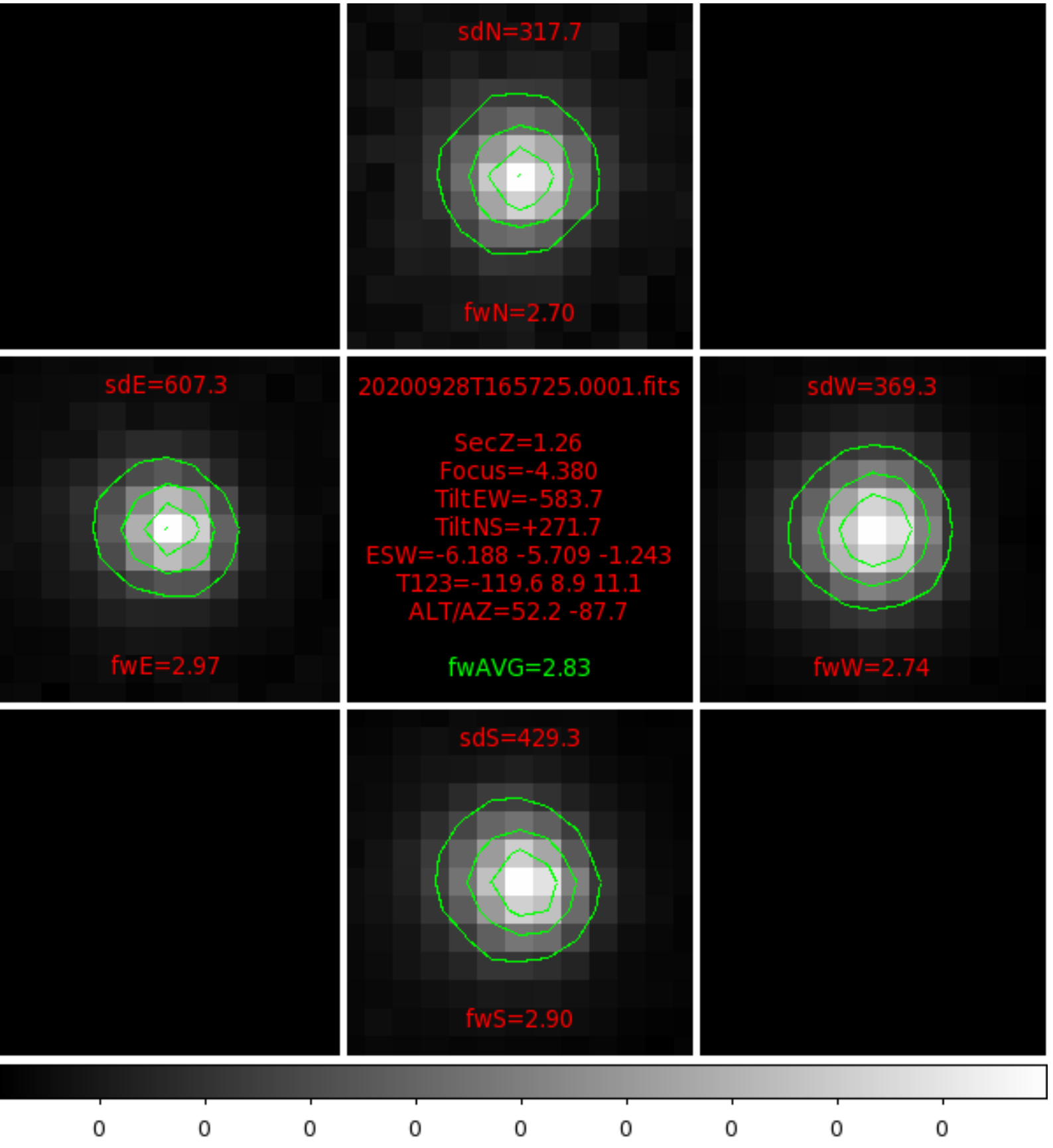
sdN=317.7
fwN=2.70
sdE=607.3
fwE=2.97
20200928T165725.0001.fits
SecZ=1.26
Focus=-4.380
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.188 -5.709 -1.243
T123=-119.6 8.9 11.1
ALT/AZ=52.2 -87.7
fwAVG=2.83
sdW=369.3
fwW=2.74
sdS=429.3
fwS=2.90
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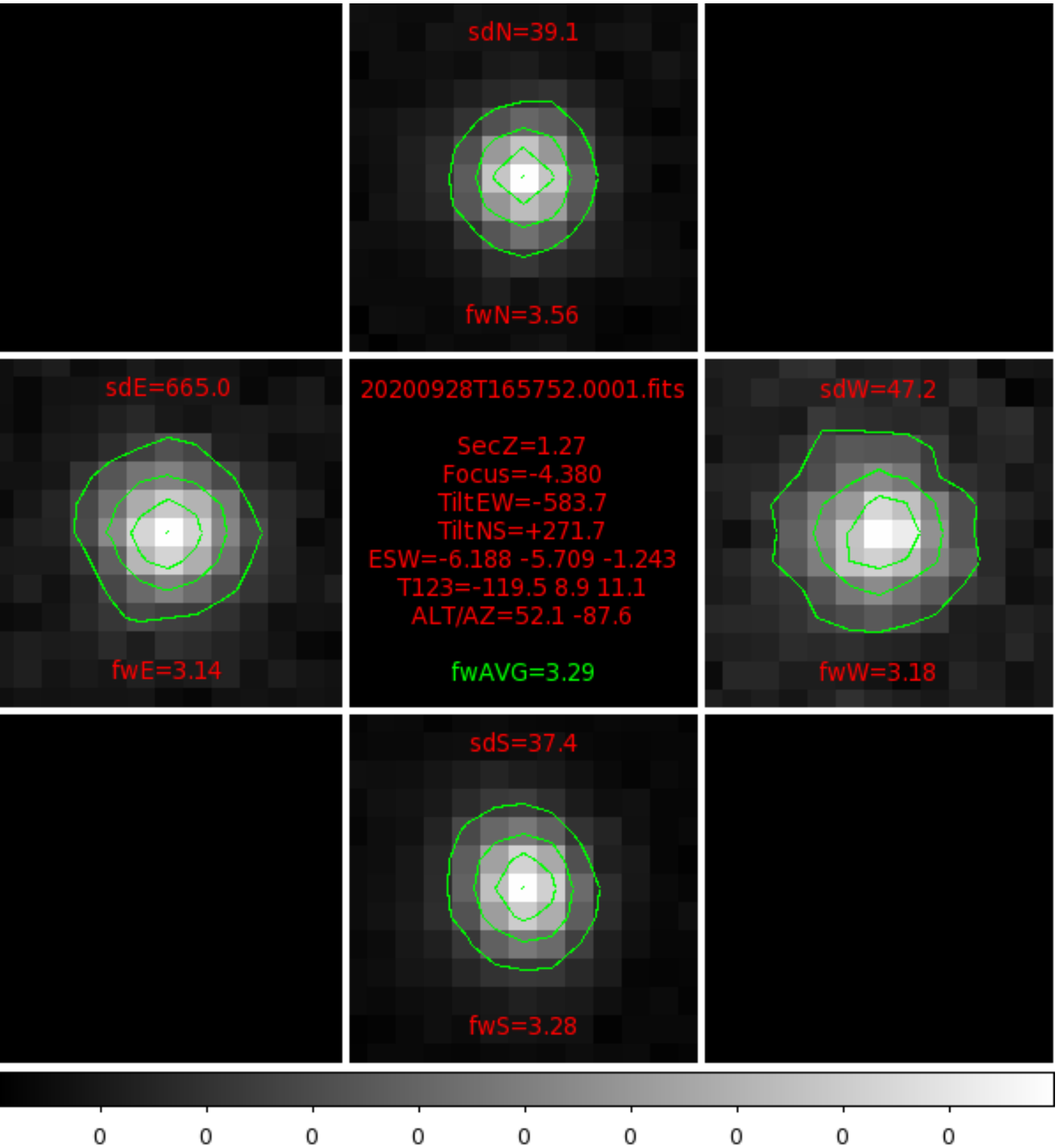
sdN=39.1
fwN=3.56
sdE=665.0
fwE=3.14
20200928T165752.0001.fits
SecZ=1.27
Focus=-4.380
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.188 -5.709 -1.243
T123=-119.5 8.9 11.1
ALT/AZ=52.1 -87.6
fwAVG=3.29
sdW=47.2
fwW=3.18
sdS=37.4
fwS=3.28
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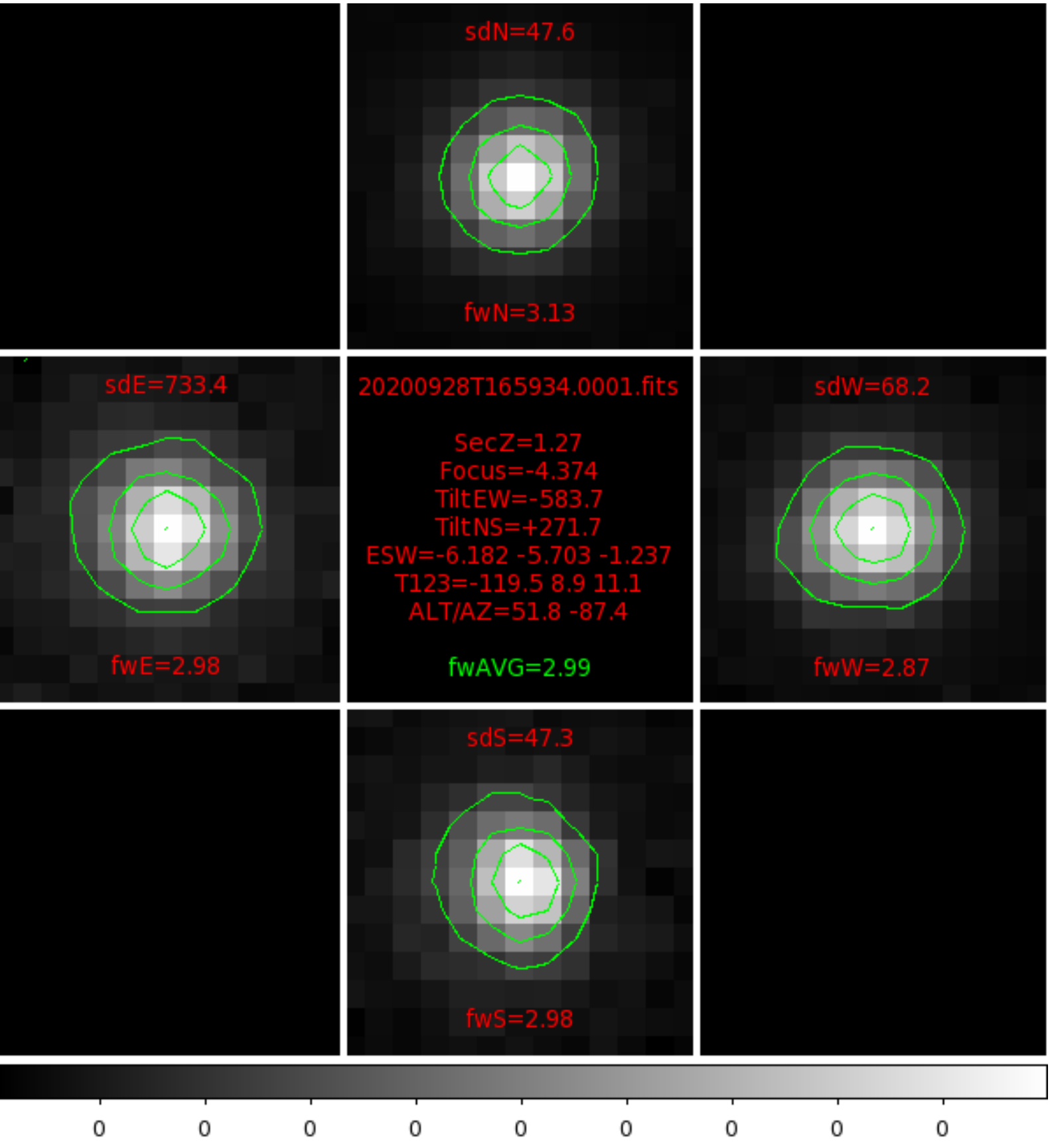
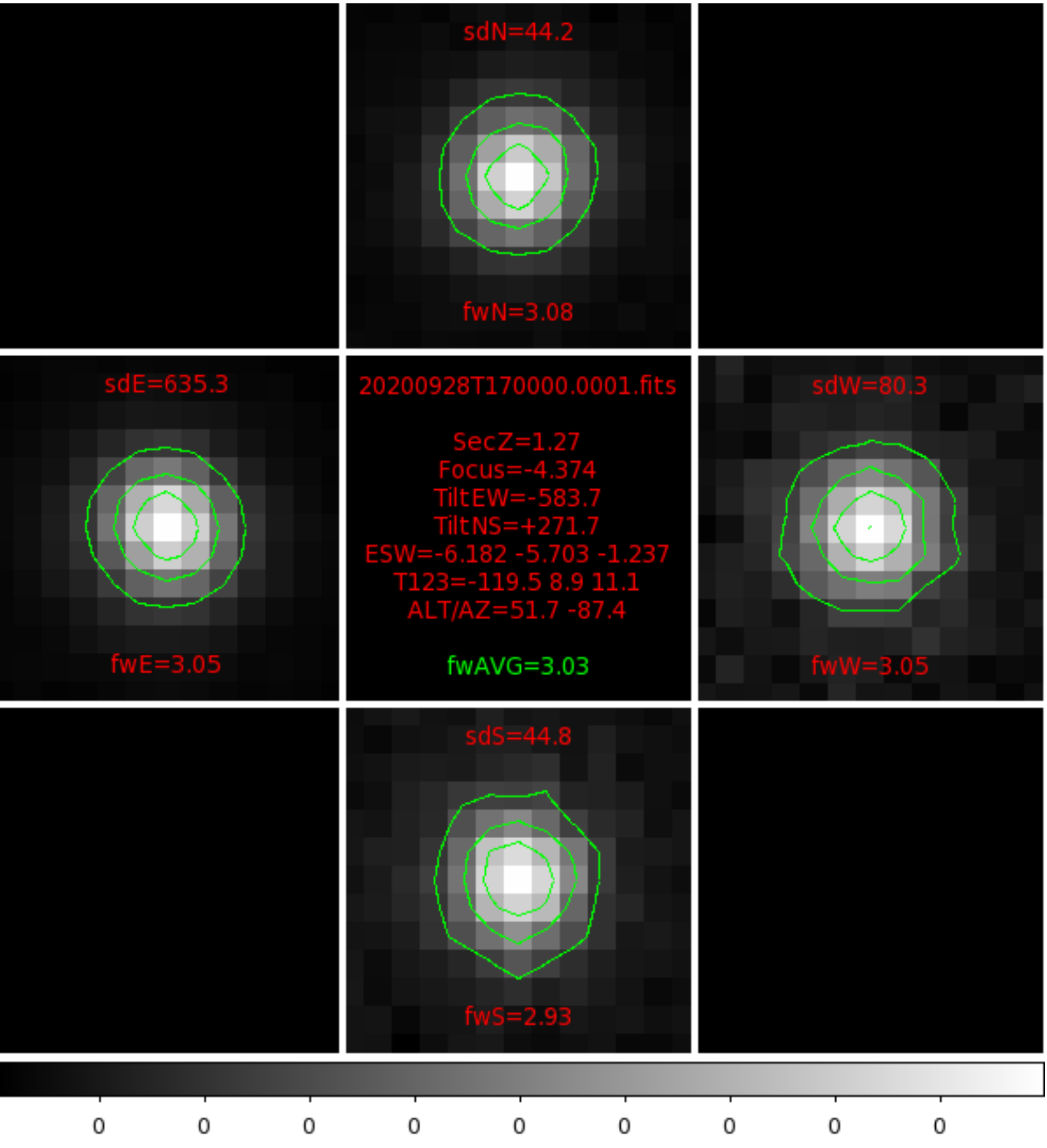

sdN=47.6
fwN=3.13
sdE=733.4
fwE=2.98
20200928T165934.0001.fits
SecZ=1.27
Focus=-4.374
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.182 -5.703 -1.237
T123=-119.5 8.9 11.1
ALT/AZ=51.8 -87.4
fwAVG=2.99
sdW=68.2
fwW=2.87
sdS=47.3
fwS=2.98
0 0 0 0 0 0 0 0 0


sdN=44.2
fwN=3.08
sdE=635.3
fwE=3.05
20200928T170000.0001.fits
SecZ=1.27
Focus=-4.374
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.182 -5.703 -1.237
T123=-119.5 8.9 11.1
ALT/AZ=51.7 -87.4
fwAVG=3.03
sdW=80.3
fwW=3.05
sdS=44.8
fwS=2.93
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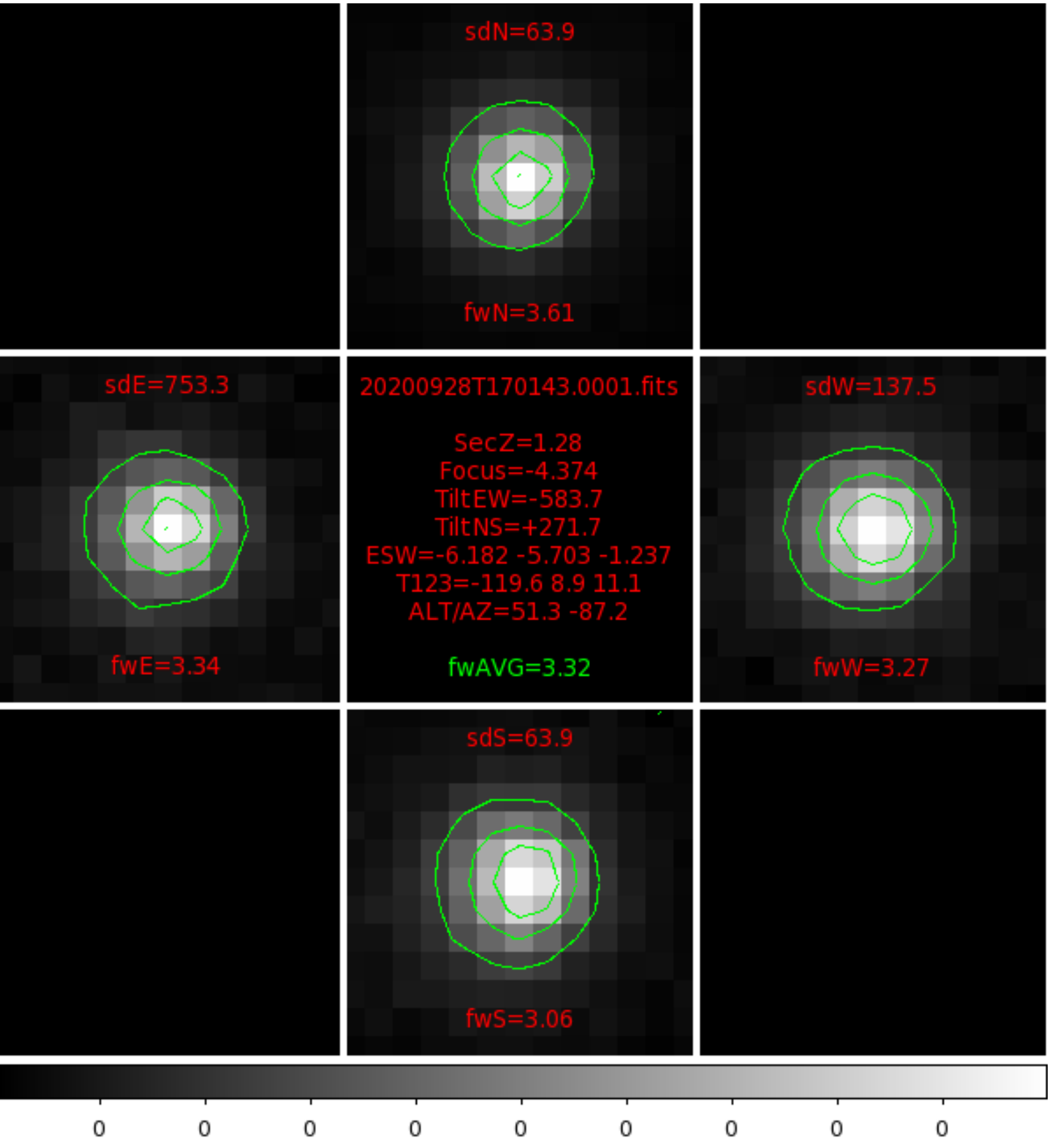
sdN=63.9
fwN=3.61
sdE=753.3
fwE=3.34
20200928T170143.0001.fits
SecZ=1.28
Focus=-4.374
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.182 -5.703 -1.237
T123=-119.6 8.9 11.1
ALT/AZ=51.3 -87.2
fwAVG=3.32
sdW=137.5
fwW=3.27
sdS=63.9
fwS=3.06
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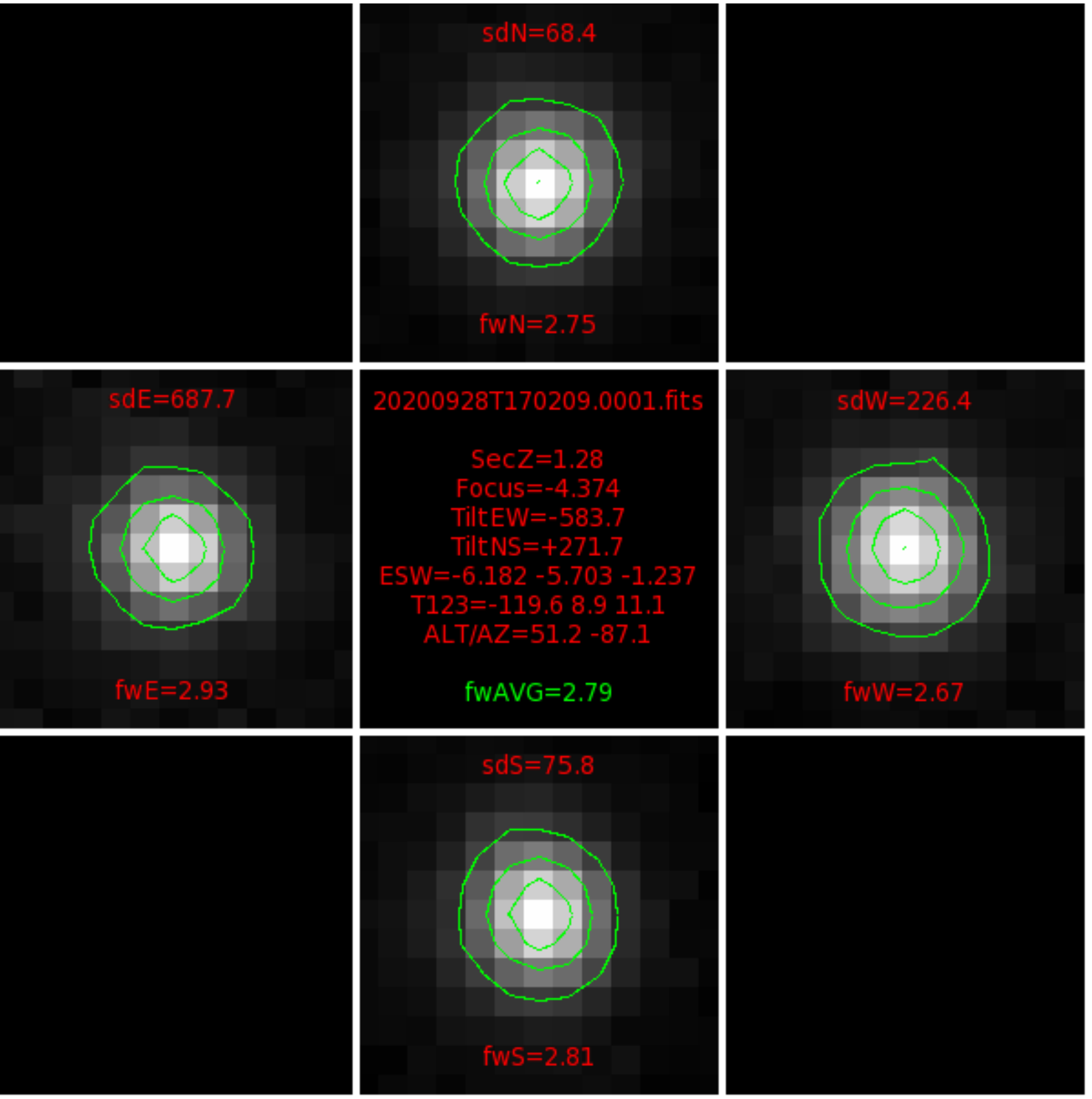
sdN=68.4
fwN=2.75
sdE=687.7
fwE=2.93
20200928T170209.0001.fits
SecZ=1.28
Focus=-4.374
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.182 -5.703 -1.237
T123=-119.6 8.9 11.1
ALT/AZ=51.2 -87.1
fwAVG=2.79
sdW=226.4
fwW=2.67
sdS=75.8
fwS=2.81
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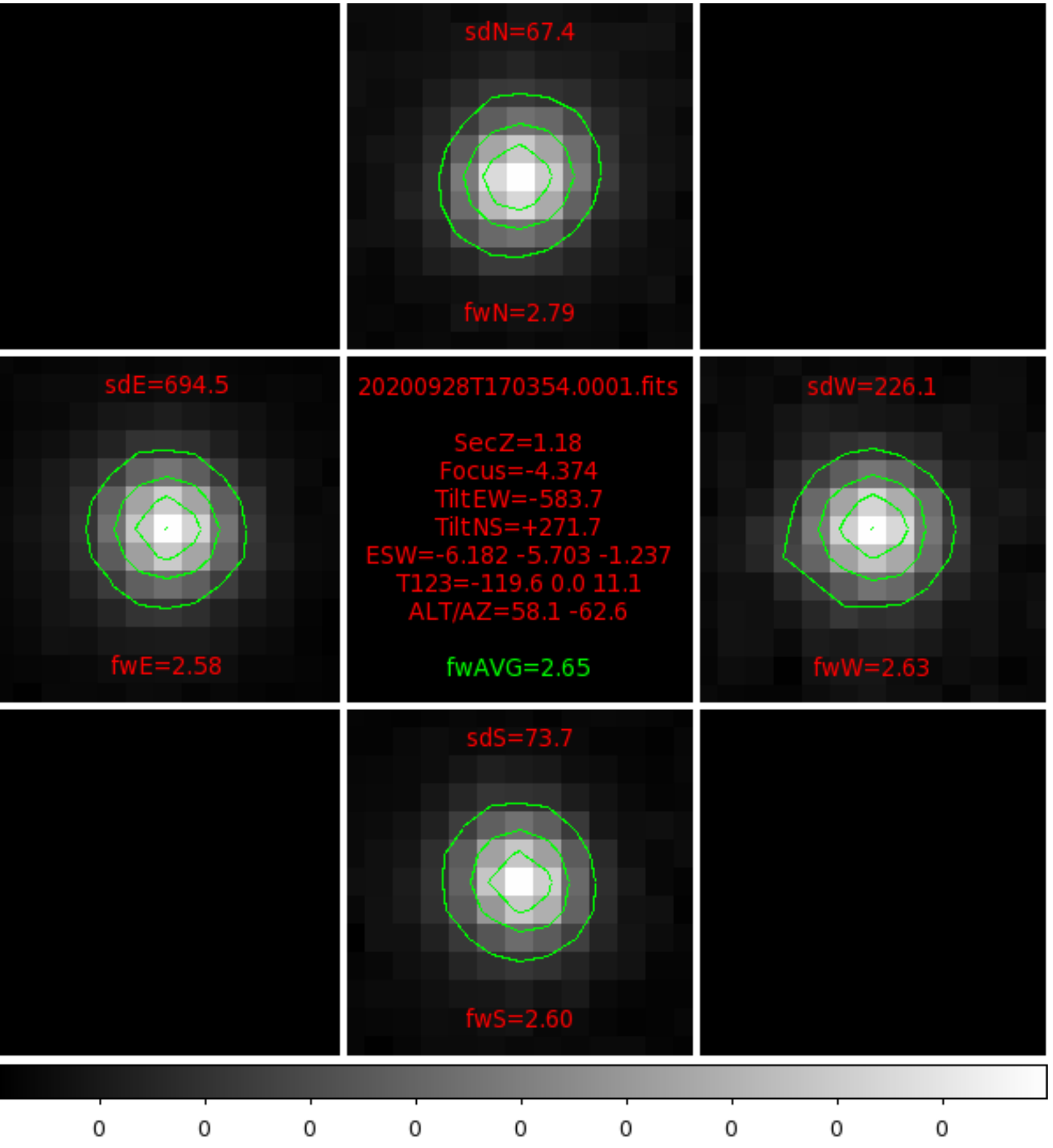
sdN=67.4
fwN=2.79
sdE=694.5
fwE=2.58
20200928T170354.0001.fits
SecZ=1.18
Focus=-4.374
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.182 -5.703 -1.237
T123=-119.6 0.0 11.1
ALT/AZ=58.1 -62.6
fwAVG=2.65
sdW=226.1
fwW=2.63
sdS=73.7
fwS=2.60
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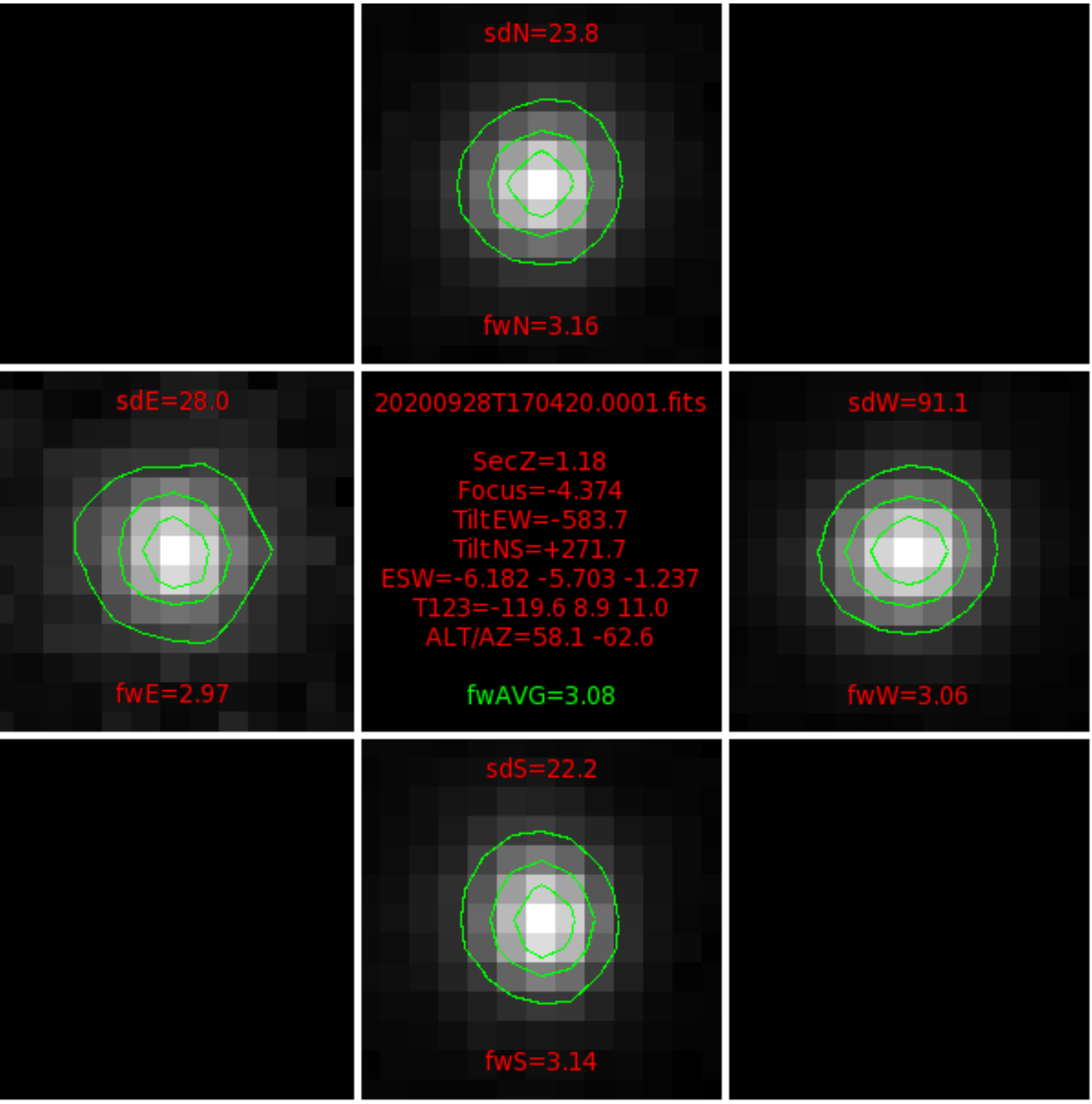
sdN=23.8
fwN=3.16
sdE=28.0
fwE=2.97
20200928T170420.0001.fits
SecZ=1.18
Focus=-4.374
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.182 -5.703 -1.237
T123=-119.6 8.9 11.0
ALT/AZ=58.1 -62.6
fwAVG=3.08
sdW=91.1
fwW=3.06
sdS=22.2
fwS=3.14
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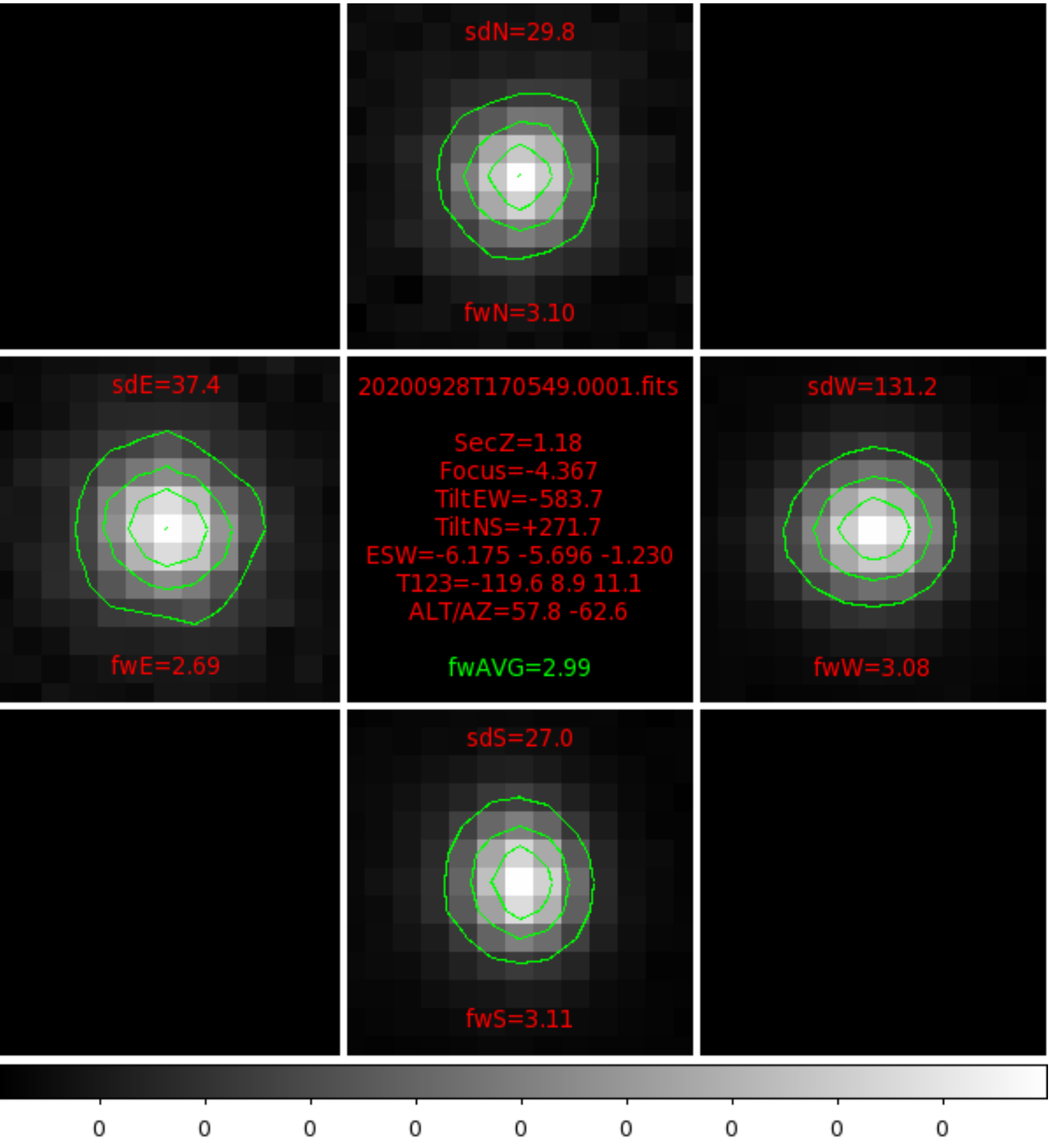
sdN=29.8
fwN=3.10
sdE=37.4
fwE=2.69
20200928T170549.0001.fits
SecZ=1.18
Focus=-4.367
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.175 -5.696 -1.230
T123=-119.6 8.9 11.1
ALT/AZ=57.8 -62.6
fwAVG=2.99
sdW=131.2
fwW=3.08
sdS=27.0
fwS=3.11
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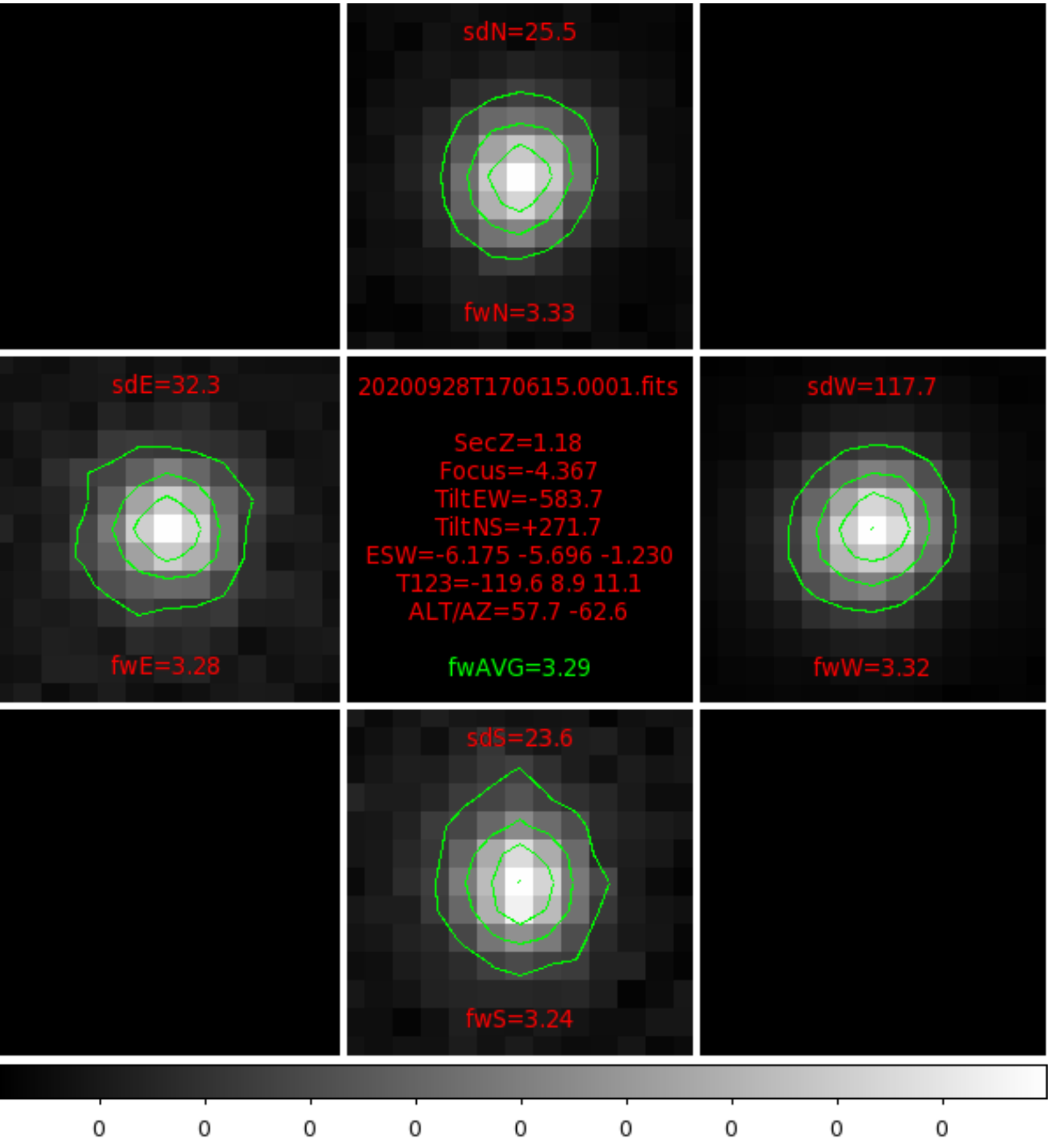
sdN=25.5
fwN=3.33
sdE=32.3
fwE=3.28
20200928T170615.0001.fits
SecZ=1.18
Focus=-4.367
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.175 -5.696 -1.230
T123=-119.6 8.9 11.1
ALT/AZ=57.7 -62.6
fwAVG=3.29
sdW=117.7
fwW=3.32
sdS=23.6
fwS=3.24
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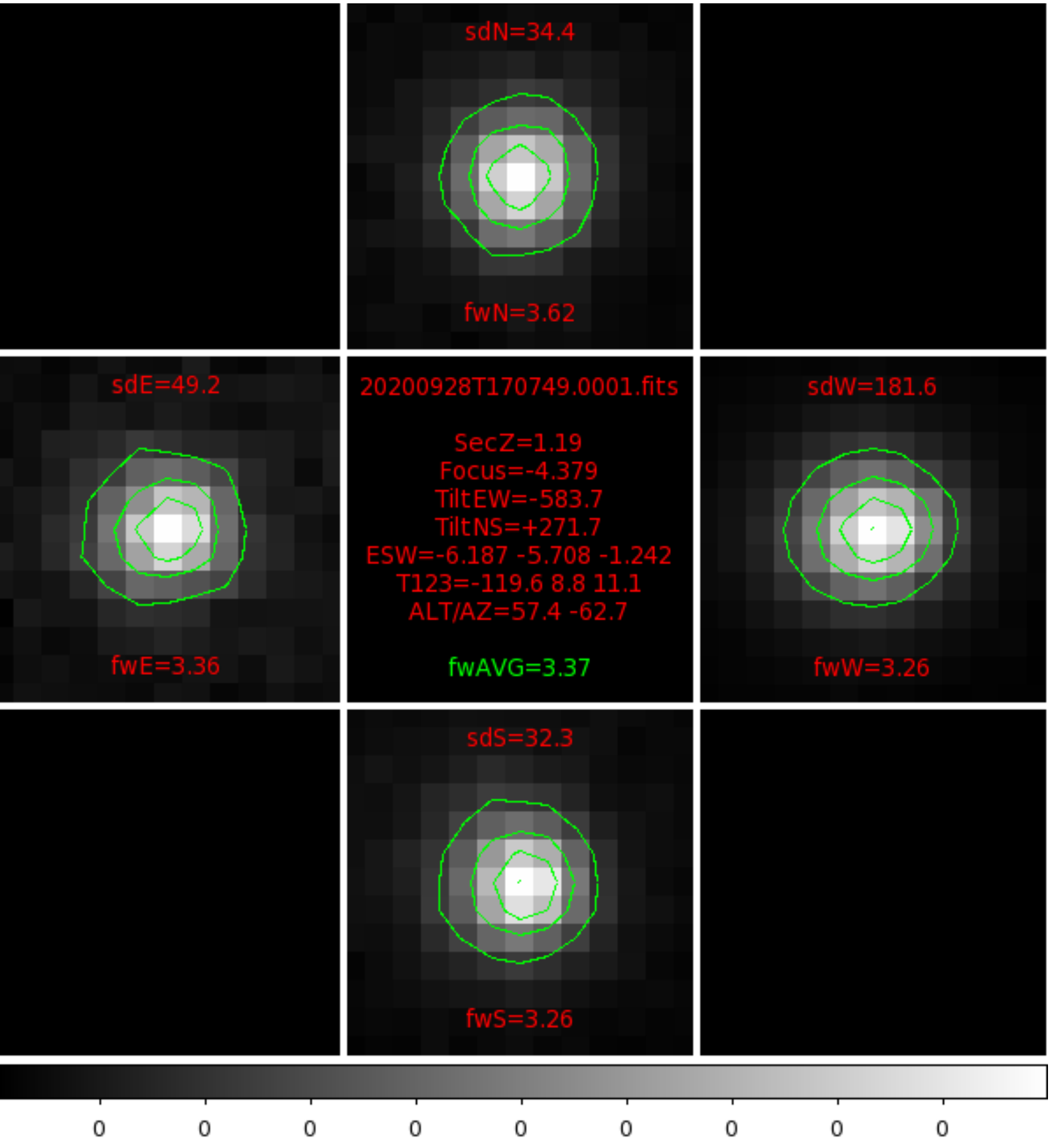
sdN=34.4
fwN=3.62
sdE=49.2
fwE=3.36
20200928T170749.0001.fits
SecZ=1.19
Focus=-4.379
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.187 -5.708 -1.242
T123=-119.6 8.8 11.1
ALT/AZ=57.4 -62.7
fwAVG=3.37
sdW=181.6
fwW=3.26
sdS=32.3
fwS=3.26
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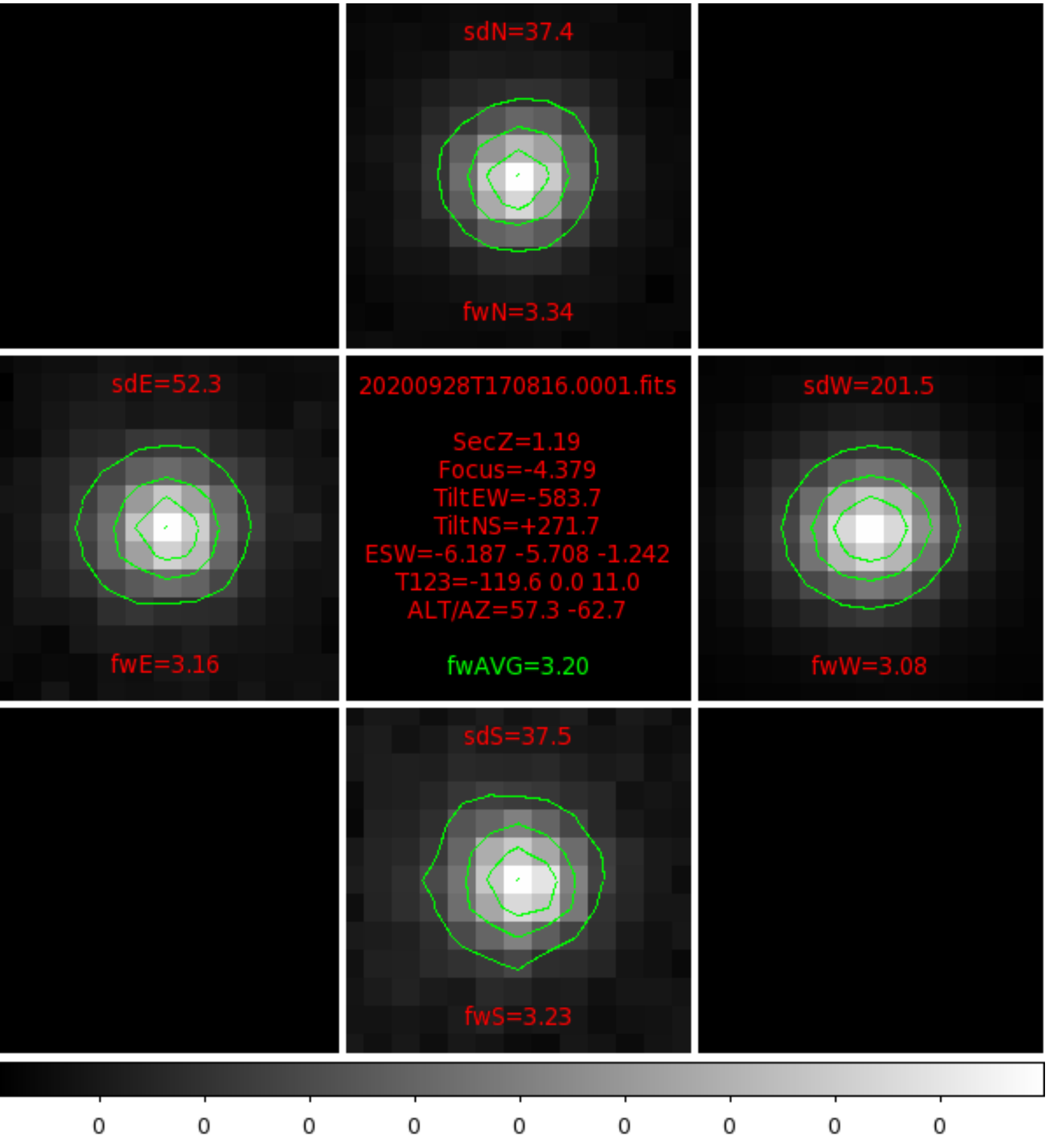
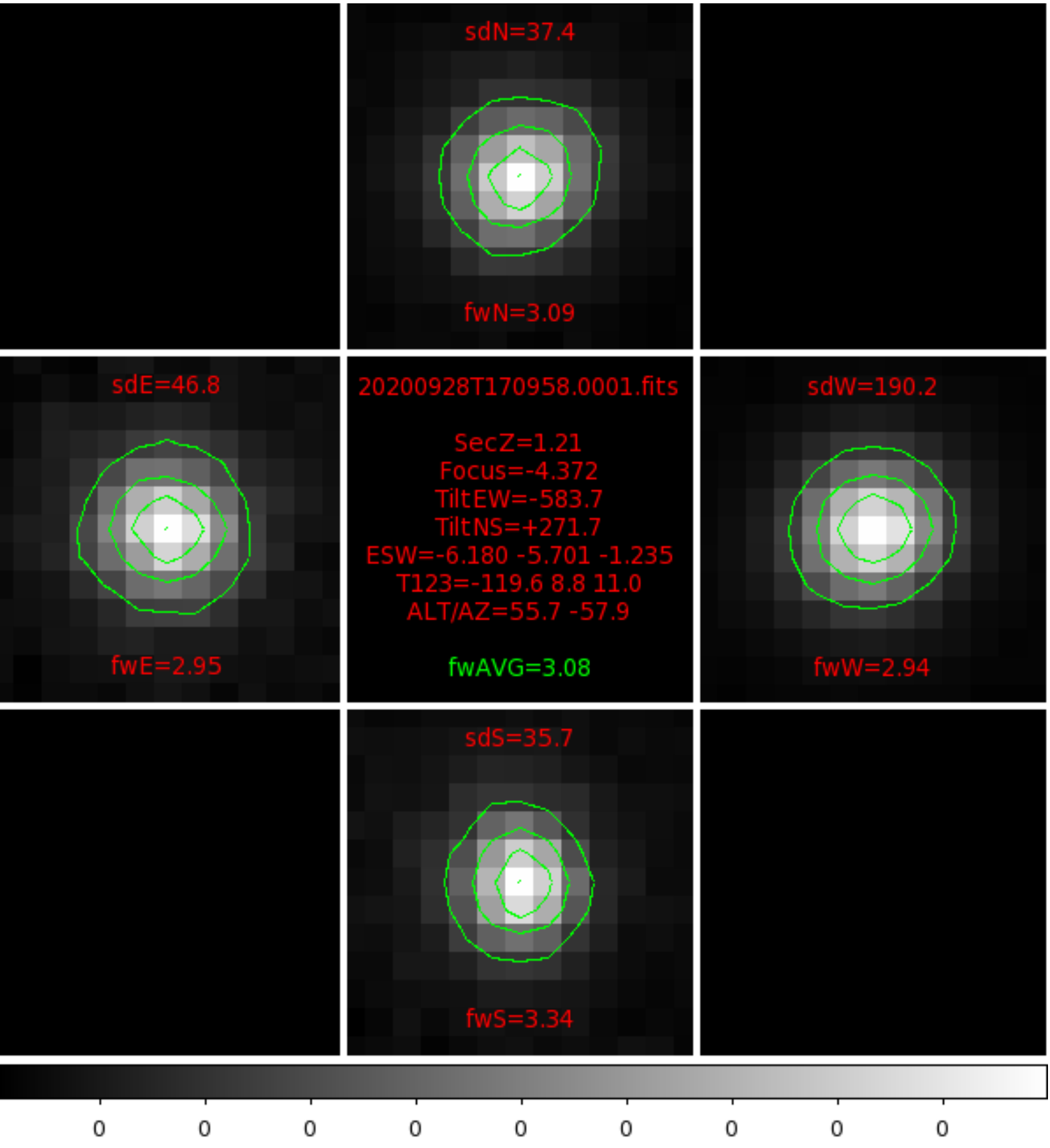

sdN=37.4
fwN=3.34
sdE=52.3
fwE=3.16
20200928T170816.0001.fits
SecZ=1.19
Focus=-4.379
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.187 -5.708 -1.242
T123=-119.6 0.0 11.0
ALT/AZ=57.3 -62.7
fwAVG=3.20
sdW=201.5
fwW=3.08
sdS=37.5
fwS=3.23
0 0 0 0 0 0 0 0 0


sdN=37.4
fwN=3.09
sdE=46.8
fwE=2.95
20200928T170958.0001.fits
SecZ=1.21
Focus=-4.372
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.180 -5.701 -1.235
T123=-119.6 8.8 11.0
ALT/AZ=55.7 -57.9
fwAVG=3.08
sdW=190.2
fwW=2.94
sdS=35.7
fwS=3.34
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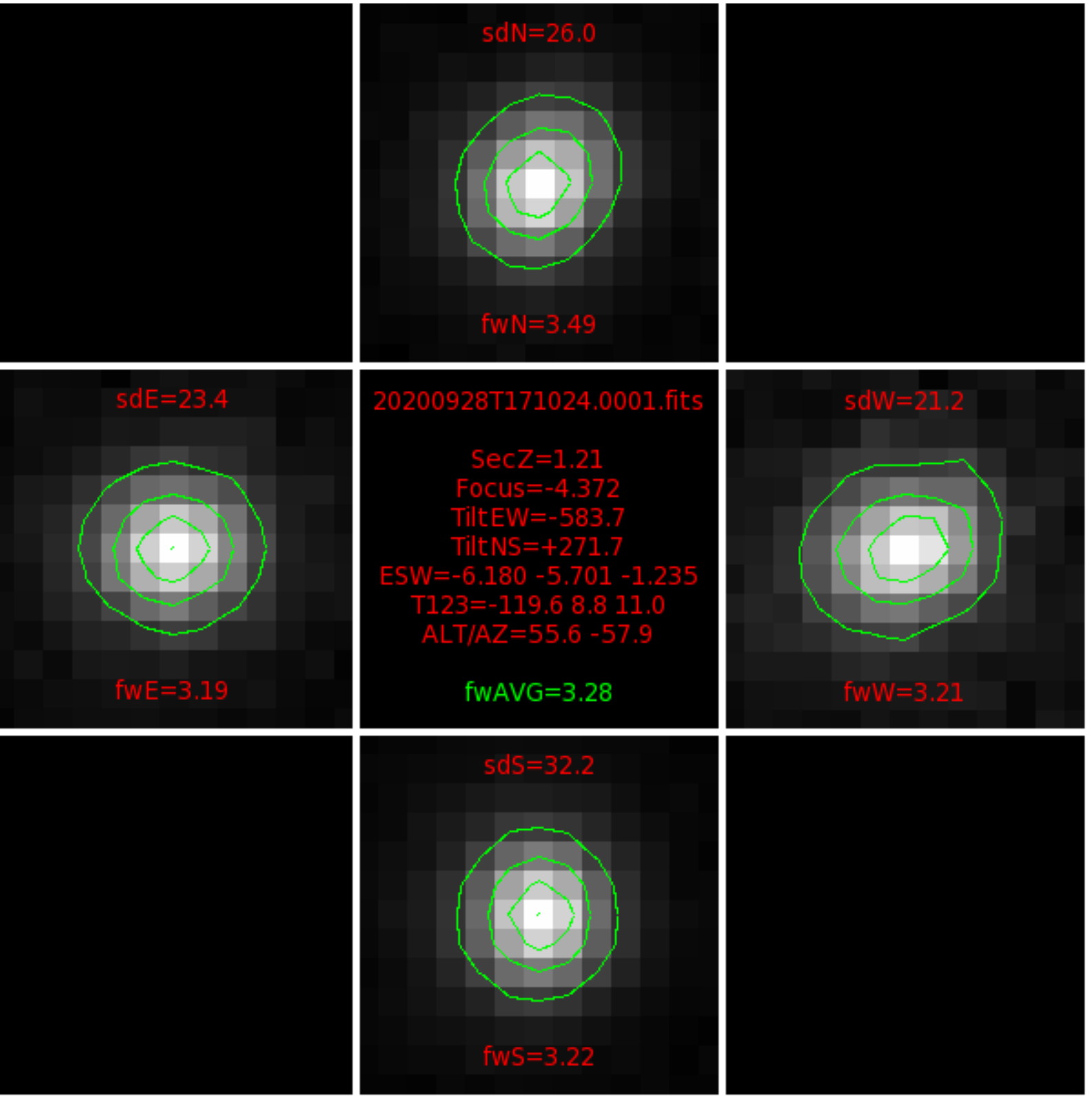
sdN=26.0
fwN=3.49
sdE=23.4
fwE=3.19
20200928T171024.0001.fits
SecZ=1.21
Focus=-4.372
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.180 -5.701 -1.235
T123=-119.6 8.8 11.0
ALT/AZ=55.6 -57.9
fwAVG=3.28
sdW=21.2
fwW=3.21
sdS=32.2
fwS=3.22
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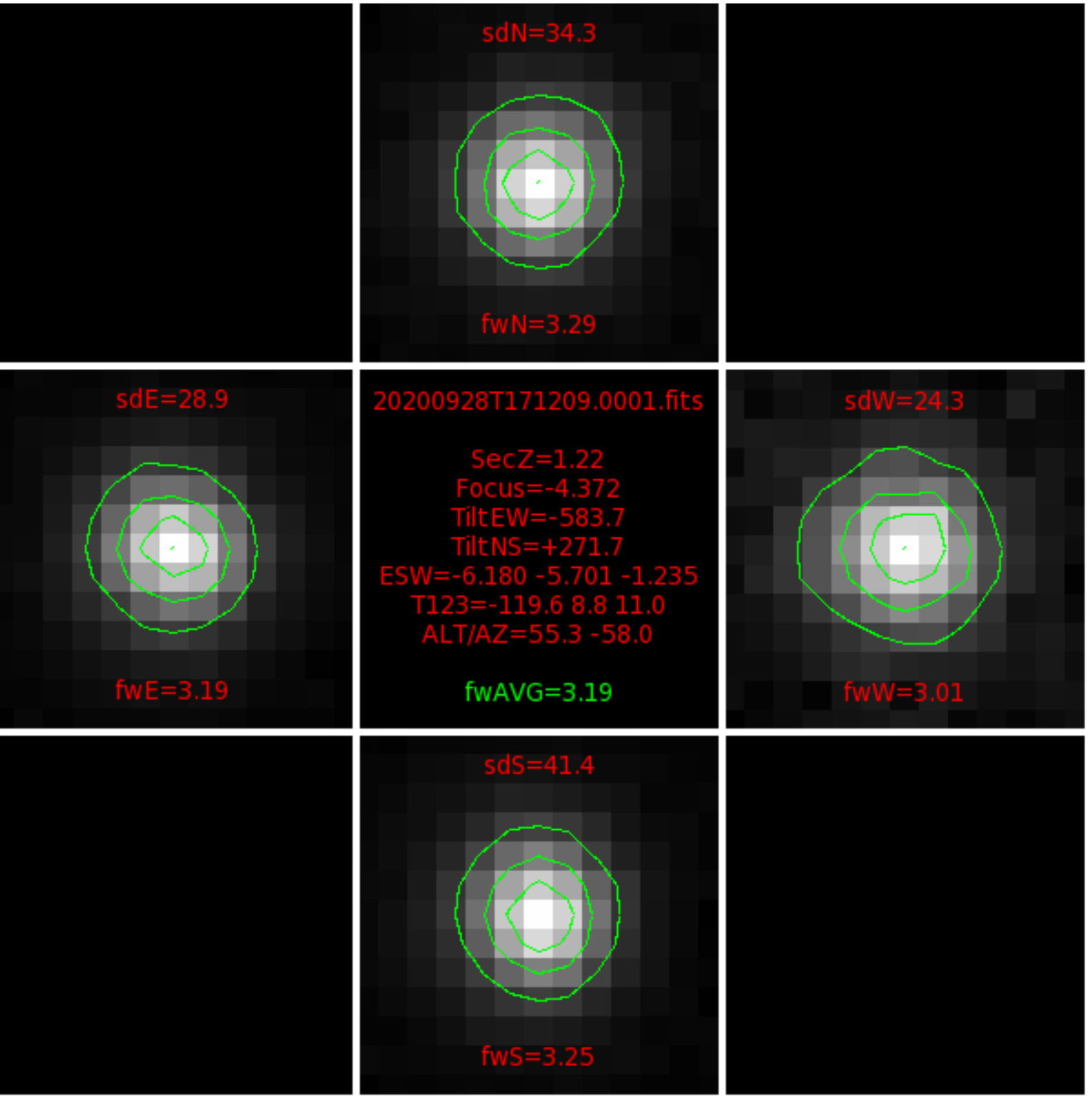
sdN=34.3
fwN=3.29
sdE=28.9
fwE=3.19
20200928T171209.0001.fits
SecZ=1.22
Focus=-4.372
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.180 -5.701 -1.235
T123=-119.6 8.8 11.0
ALT/AZ=55.3 -58.0
fwAVG=3.19
sdW=24.3
fwW=3.01
sdS=41.4
fwS=3.25
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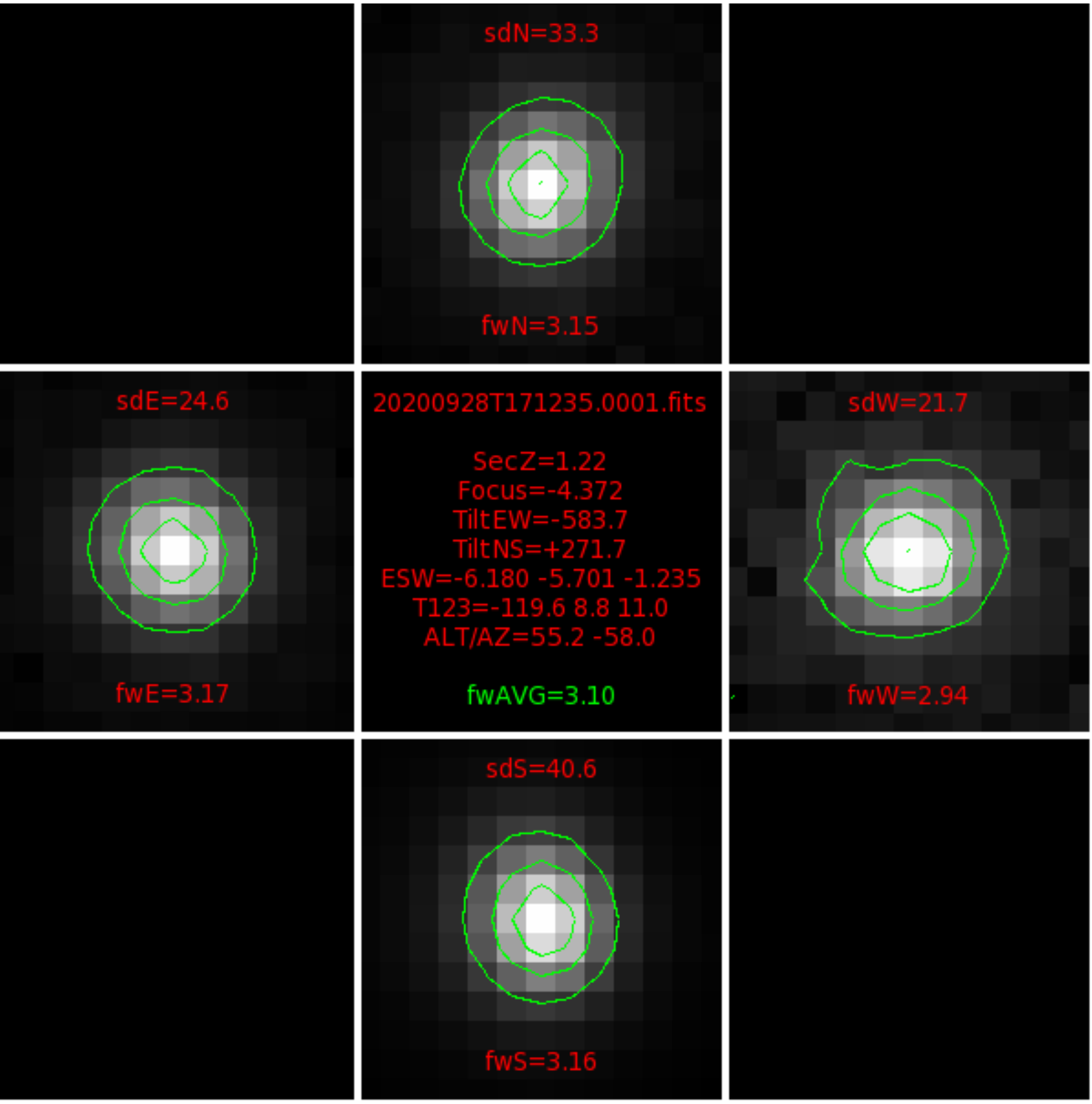
sdN=33.3
fwN=3.15
sdE=24.6
fwE=3.17
20200928T171235.0001.fits
SecZ=1.22
Focus=-4.372
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.180 -5.701 -1.235
T123=-119.6 8.8 11.0
ALT/AZ=55.2 -58.0
fwAVG=3.10
sdW=21.7
fwW=2.94
sdS=40.6
fwS=3.16
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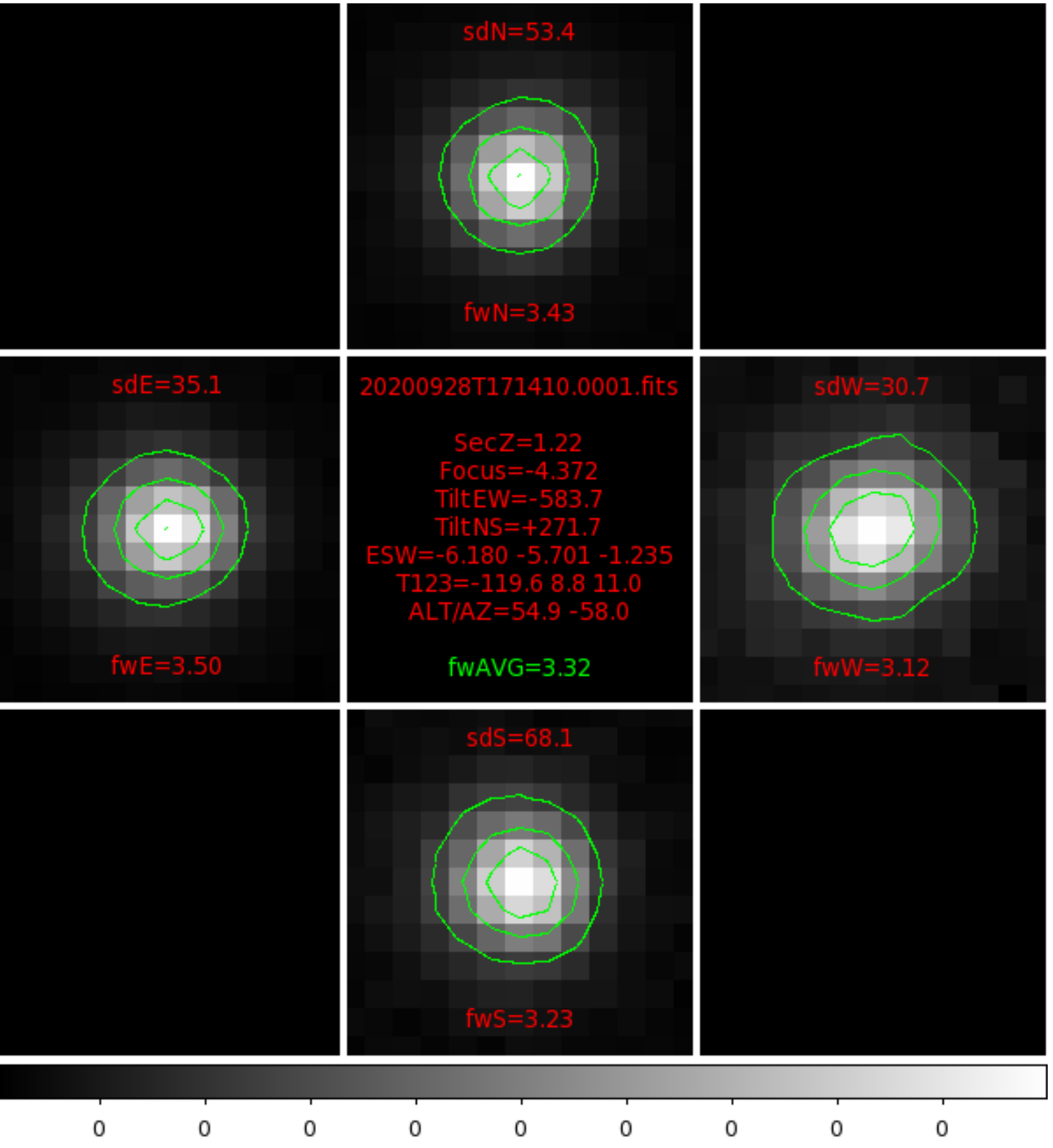
sdN=53.4
fwN=3.43
sdE=35.1
fwE=3.50
20200928T171410.0001.fits
SecZ=1.22
Focus=-4.372
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.180 -5.701 -1.235
T123=-119.6 8.8 11.0
ALT/AZ=54.9 -58.0
fwAVG=3.32
sdW=30.7
fwW=3.12
sdS=68.1
fwS=3.23
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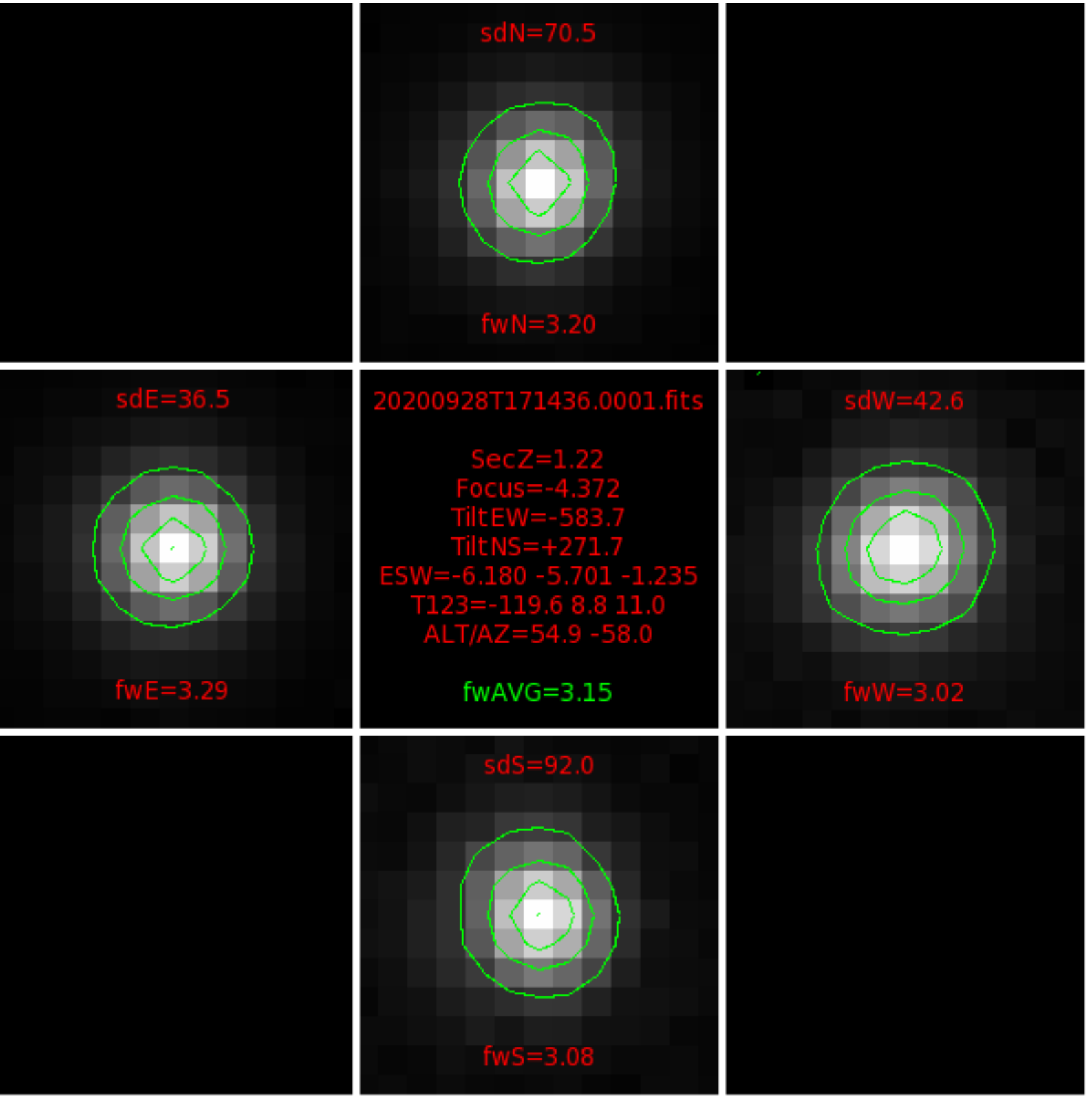
sdN=70.5
fwN=3.20
sdE=36.5
fwE=3.29
20200928T171436.0001.fits
SecZ=1.22
Focus=-4.372
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.180 -5.701 -1.235
T123=-119.6 8.8 11.0
ALT/AZ=54.9 -58.0
fwAVG=3.15
sdW=42.6
fwW=3.02
sdS=92.0
fwS=3.08
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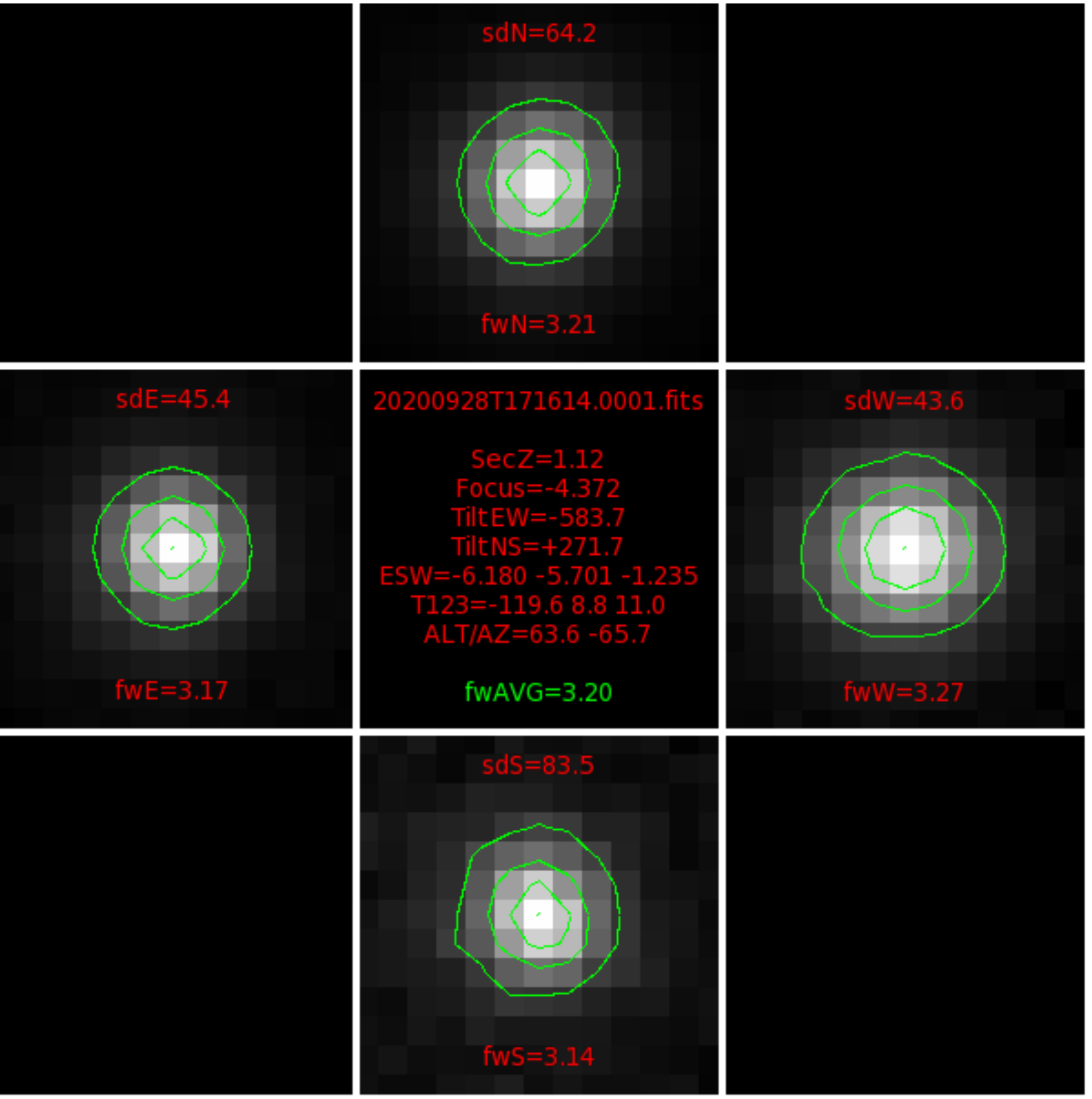
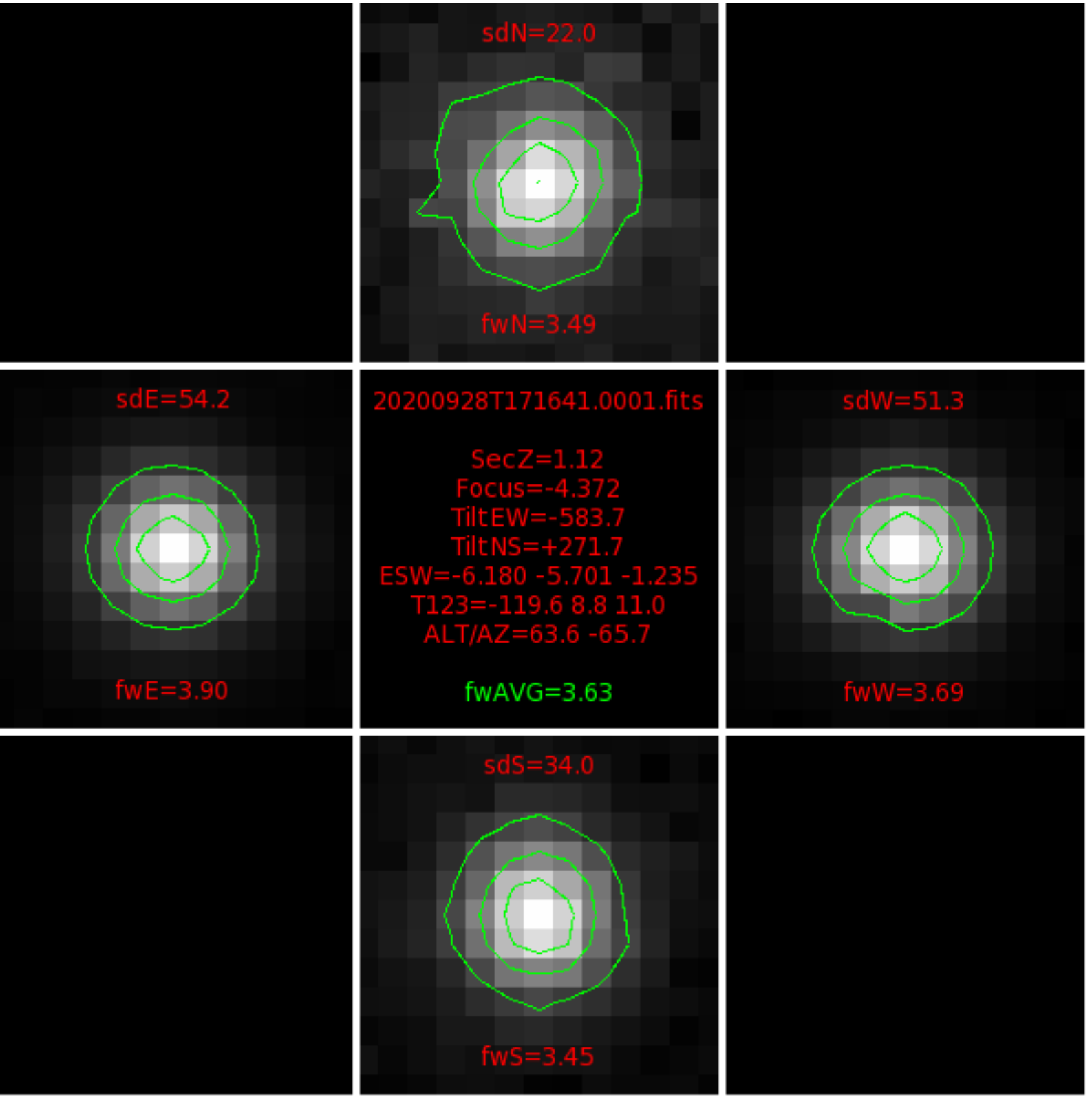
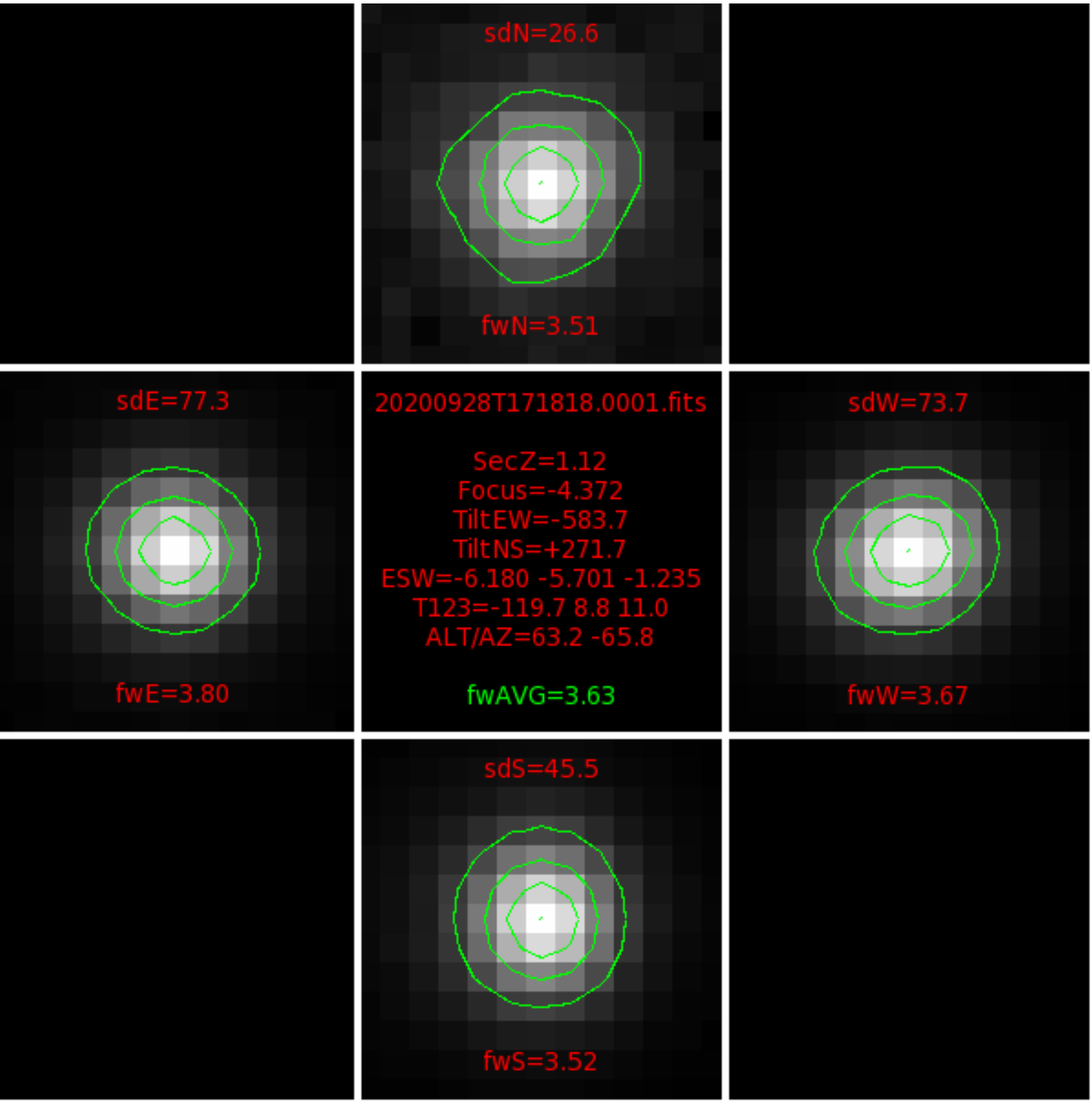

sdN=64.2
fwN=3.21
sdE=45.4
fwE=3.17
20200928T171614.0001.fits
SecZ=1.12
Focus=-4.372
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.180 -5.701 -1.235
T123=-119.6 8.8 11.0
ALT/AZ=63.6 -65.7
fwAVG=3.20
sdW=43.6
fwW=3.27
sdS=83.5
fwS=3.14
0 0 0 0 0 0 0 0 0


sdN=22.0
fwN=3.49
sdE=54.2
fwE=3.90
20200928T171641.0001.fits
SecZ=1.12
Focus=-4.372
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.180 -5.701 -1.235
T123=-119.6 8.8 11.0
ALT/AZ=63.6 -65.7
fwAVG=3.63
sdW=51.3
fwW=3.69
sdS=34.0
fwS=3.45
0 0 0 0 0 0 0 0 0


sdN=26.6
fwN=3.51
sdE=77.3
fwE=3.80
20200928T171818.0001.fits
SecZ=1.12
Focus=-4.372
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.180 -5.701 -1.235
T123=-119.7 8.8 11.0
ALT/AZ=63.2 -65.8
fwAVG=3.63
sdW=73.7
fwW=3.67
sdS=45.5
fwS=3.52
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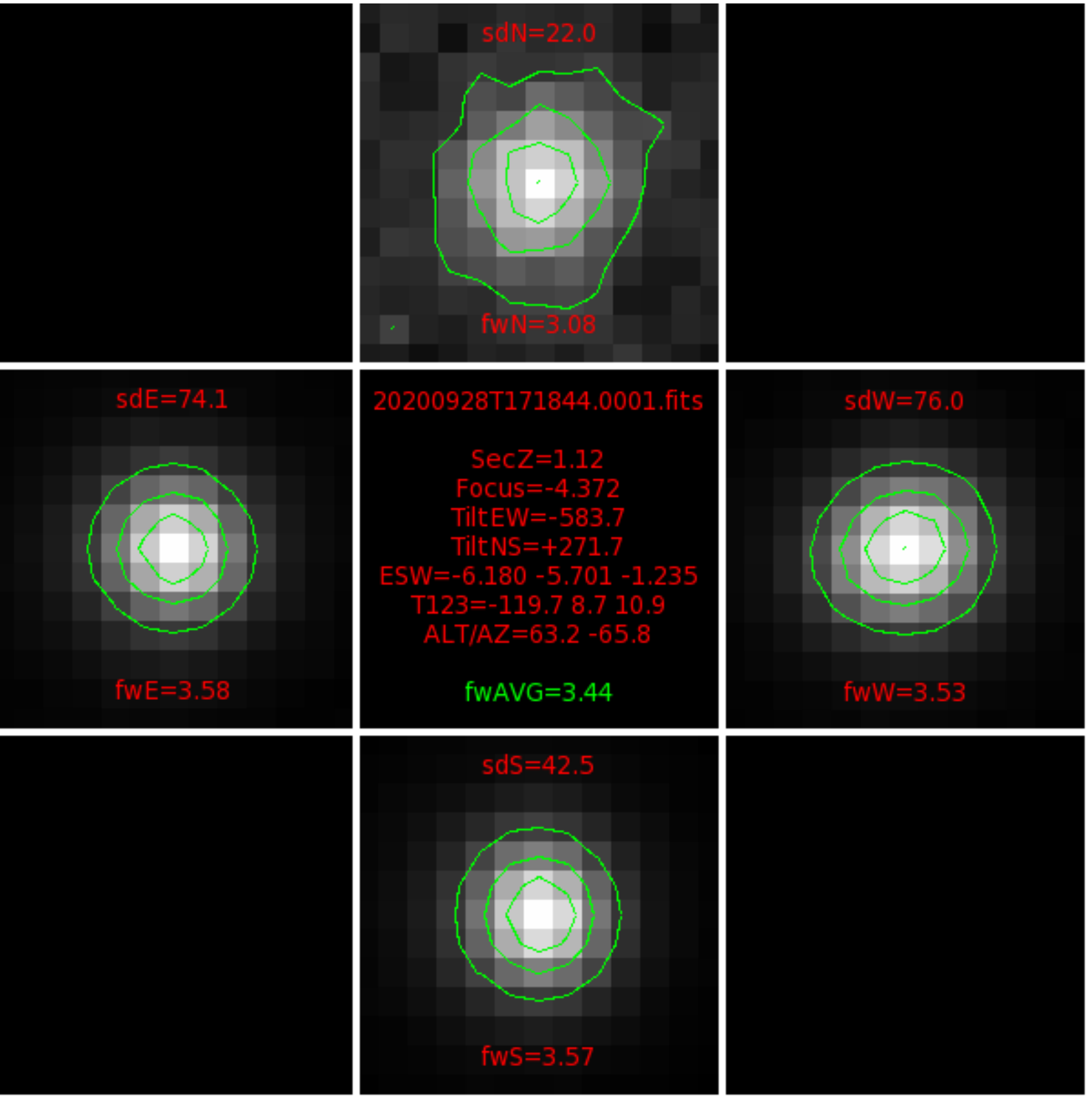
sdN=22.0
fwN=3.08
sdE=74.1
fwE=3.58
20200928T171844.0001.fits
SecZ=1.12
Focus=-4.372
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.180 -5.701 -1.235
T123=-119.7 8.7 10.9
ALT/AZ=63.2 -65.8
fwAVG=3.44
sdW=76.0
fwW=3.53
sdS=42.5
fwS=3.57
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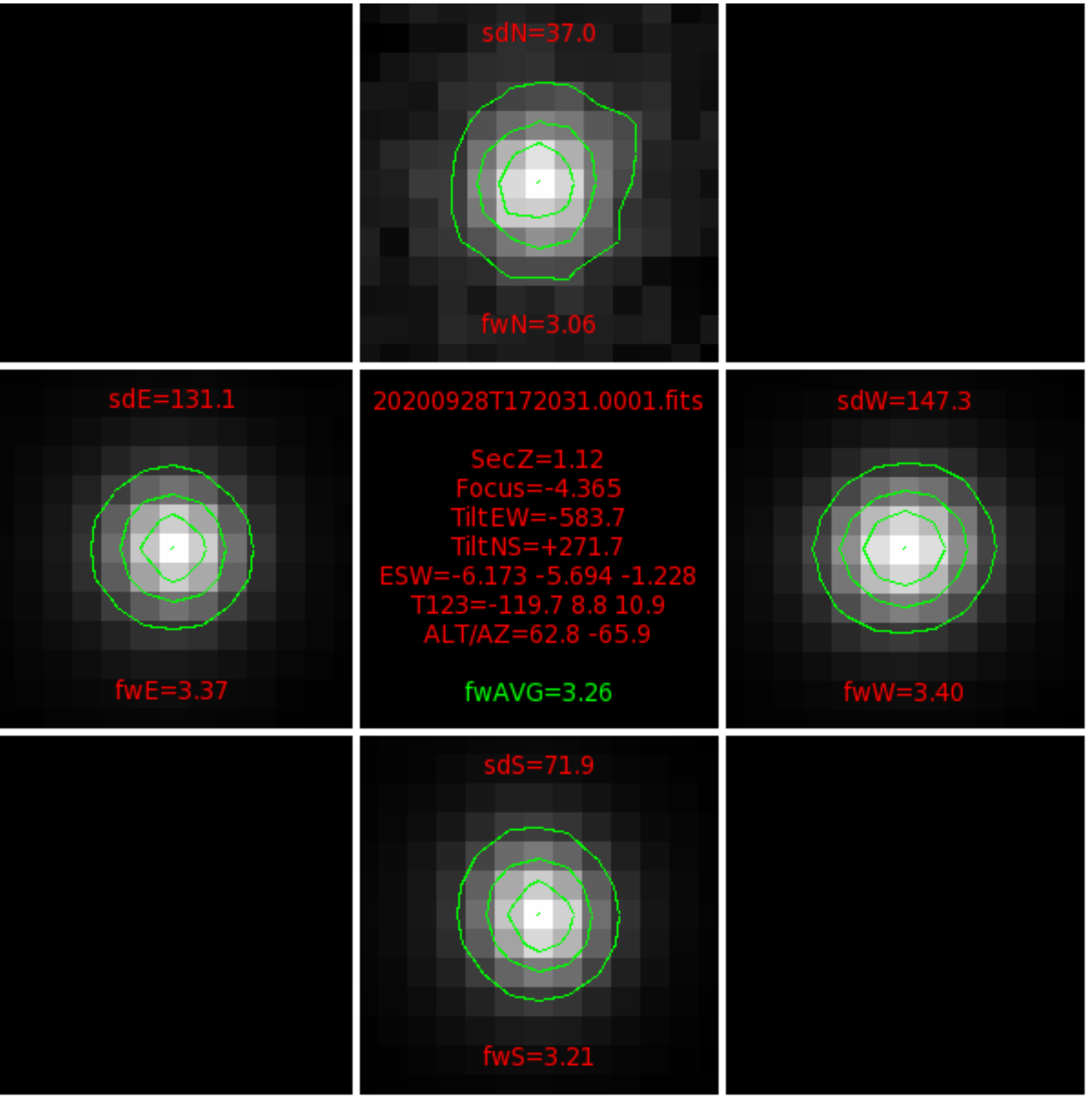
sdN=37.0
fwN=3.06
sdE=131.1
fwE=3.37
20200928T172031.0001.fits
SecZ=1.12
Focus=-4.365
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.173 -5.694 -1.228
T123=-119.7 8.8 10.9
ALT/AZ=62.8 -65.9
fwAVG=3.26
sdW=147.3
fwW=3.40
sdS=71.9
fwS=3.21
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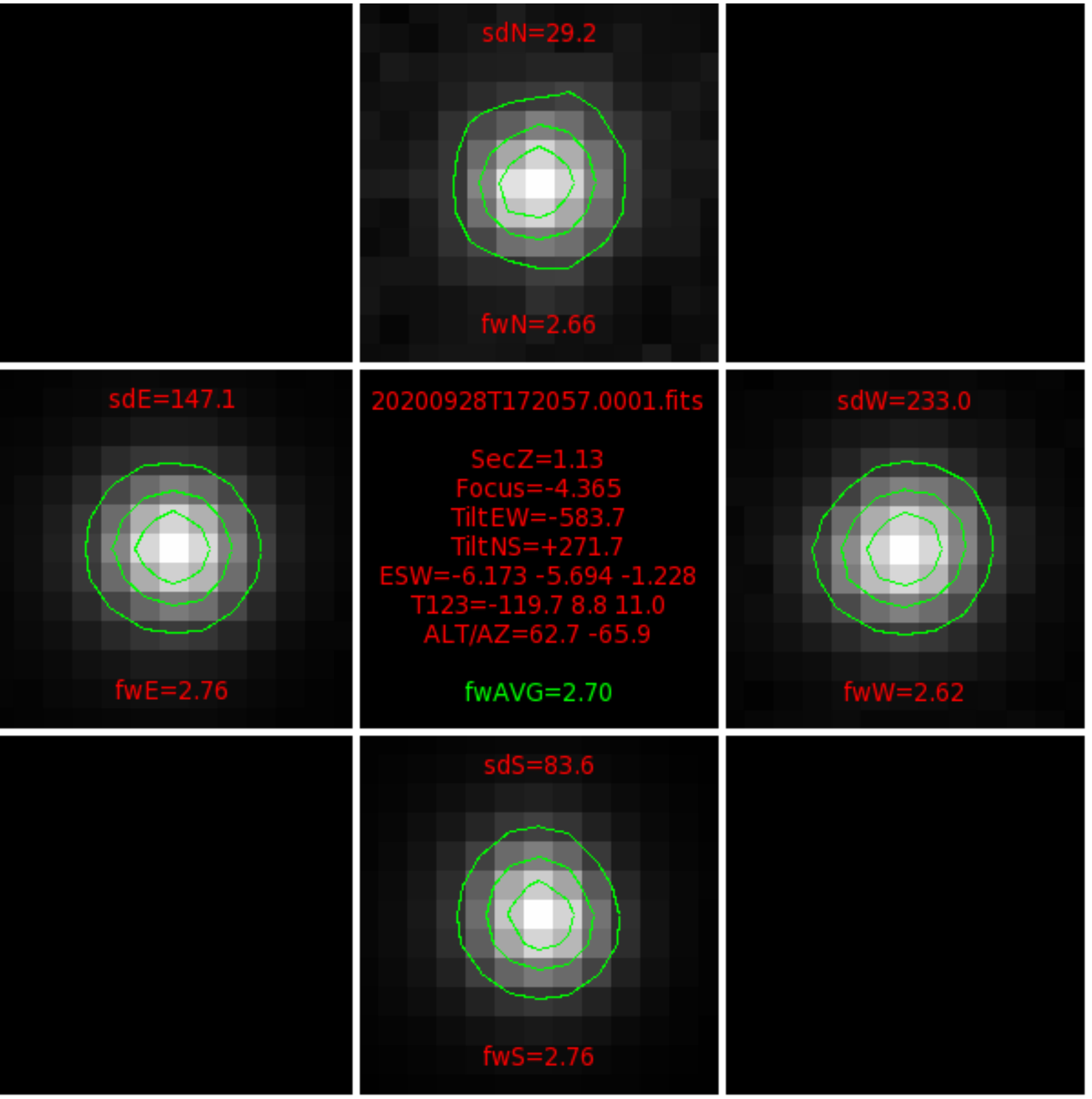
sdN=29.2
fwN=2.66
sdE=147.1
fwE=2.76
20200928T172057.0001.fits
SecZ=1.13
Focus=-4.365
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.173 -5.694 -1.228
T123=-119.7 8.8 11.0
ALT/AZ=62.7 -65.9
fwAVG=2.70
sdW=233.0
fwW=2.62
sdS=83.6
fwS=2.76
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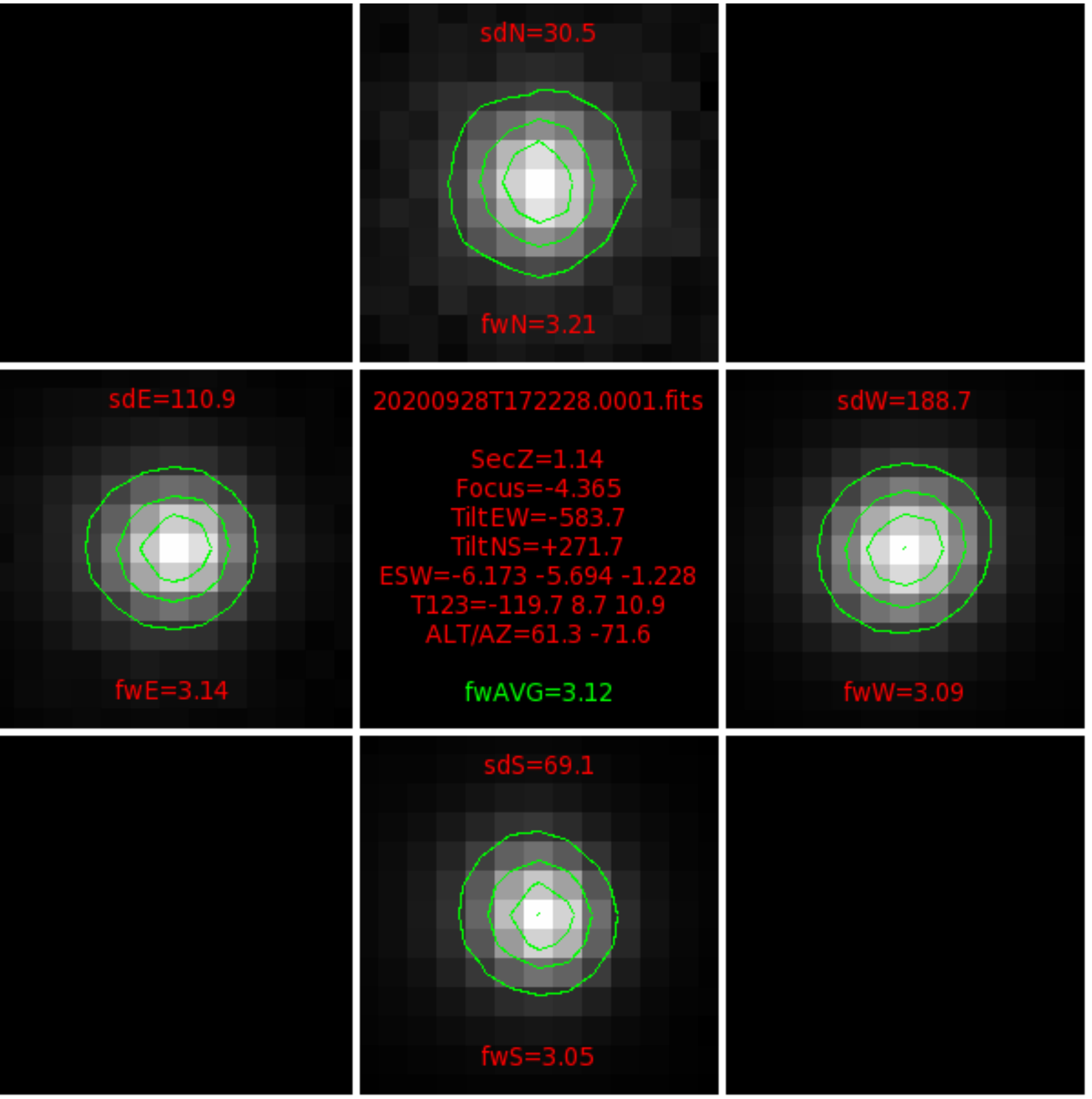
sdN=30.5
fwN=3.21
sdE=110.9
fwE=3.14
20200928T172228.0001.fits
SecZ=1.14
Focus=-4.365
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.173 -5.694 -1.228
T123=-119.7 8.7 10.9
ALT/AZ=61.3 -71.6
fwAVG=3.12
sdW=188.7
fwW=3.09
sdS=69.1
fwS=3.05
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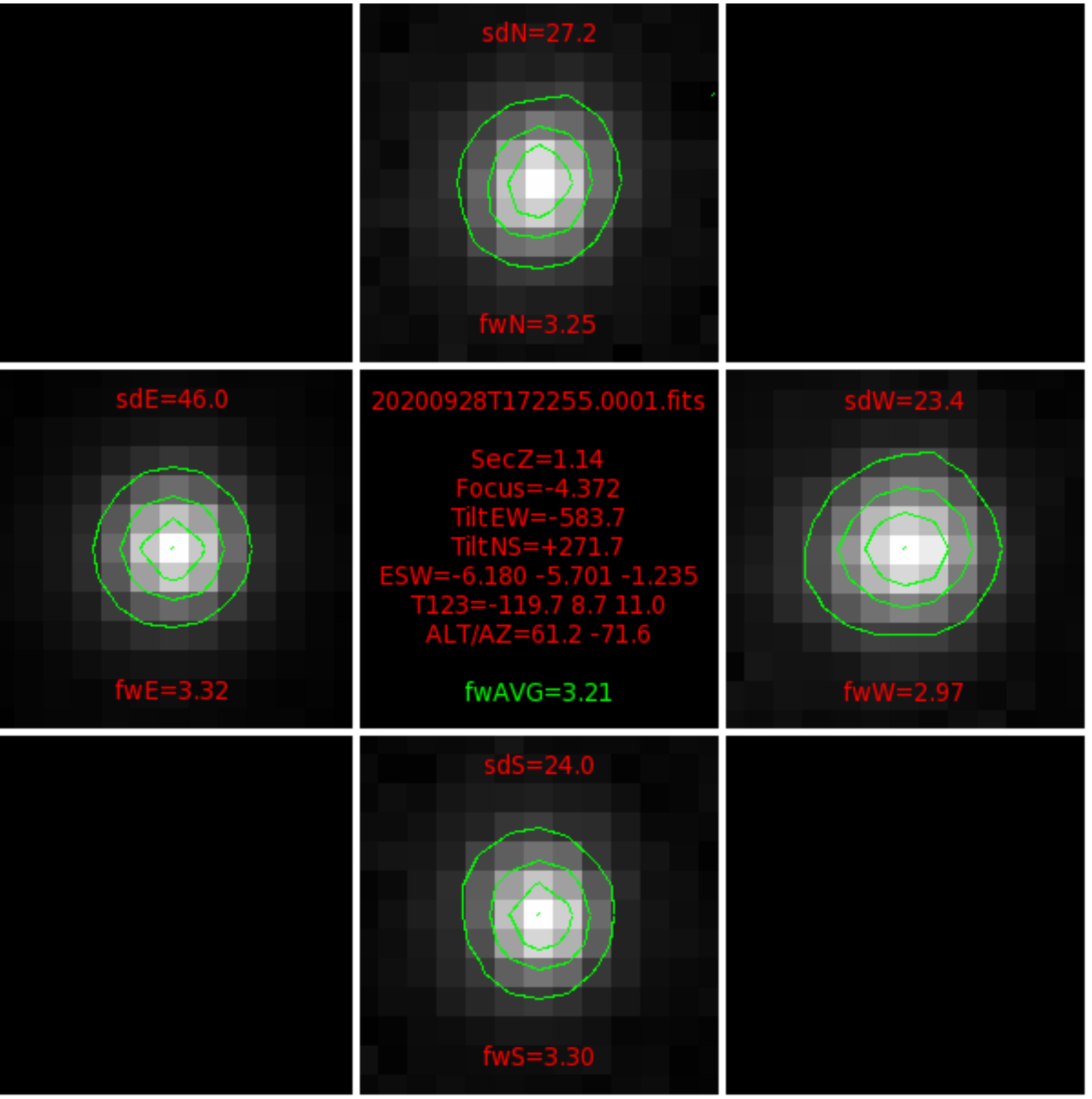
sdN=27.2
fwN=3.25
sdE=46.0
fwE=3.32
20200928T172255.0001.fits
SecZ=1.14
Focus=-4.372
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.180 -5.701 -1.235
T123=-119.7 8.7 11.0
ALT/AZ=61.2 -71.6
fwAVG=3.21
sdW=23.4
fwW=2.97
sdS=24.0
fwS=3.30
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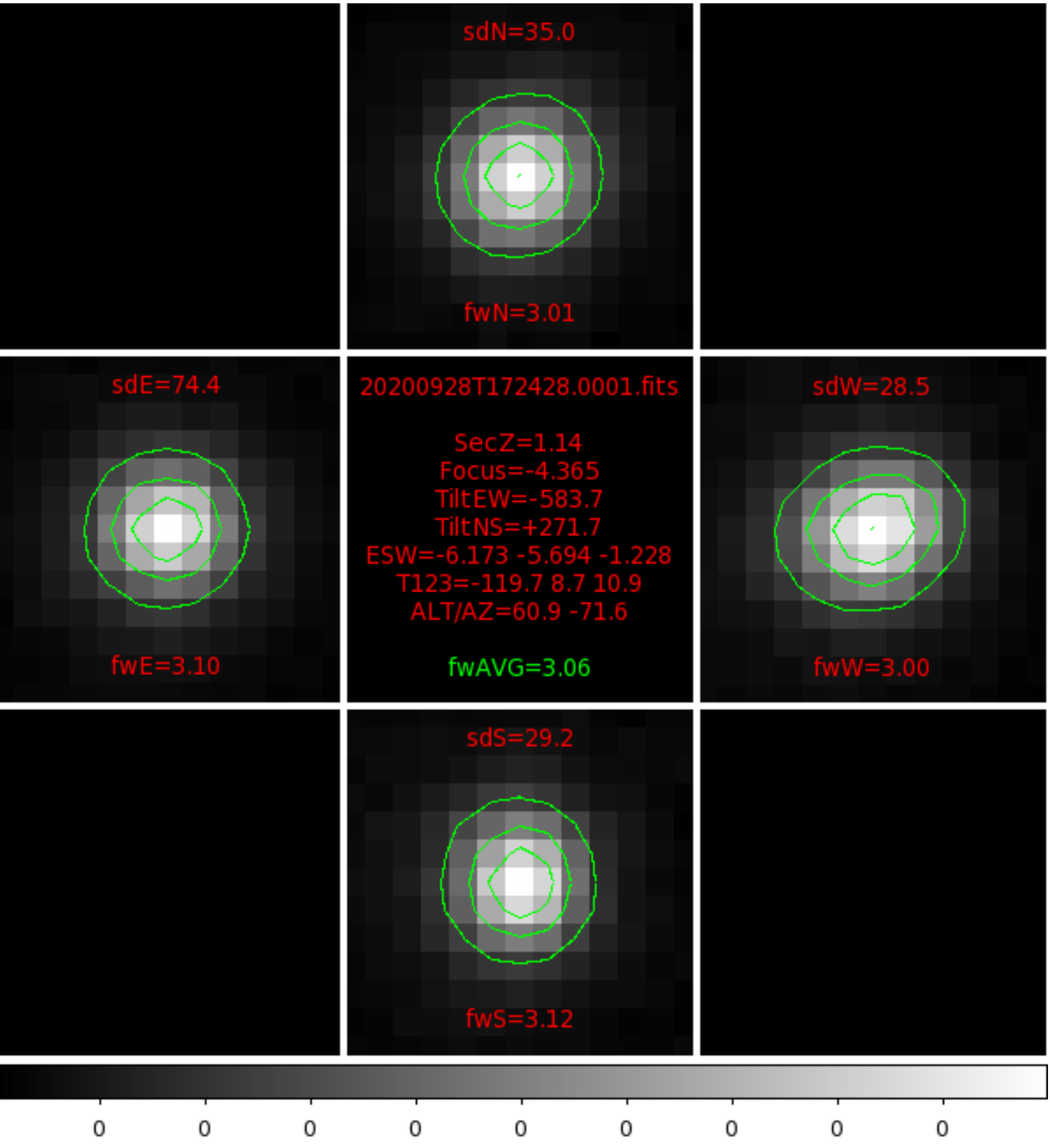
sdN=35.0
fwN=3.01
sdE=74.4
fwE=3.10
20200928T172428.0001.fits
SecZ=1.14
Focus=-4.365
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.173 -5.694 -1.228
T123=-119.7 8.7 10.9
ALT/AZ=60.9 -71.6
fwAVG=3.06
sdW=28.5
fwW=3.00
sdS=29.2
fwS=3.12
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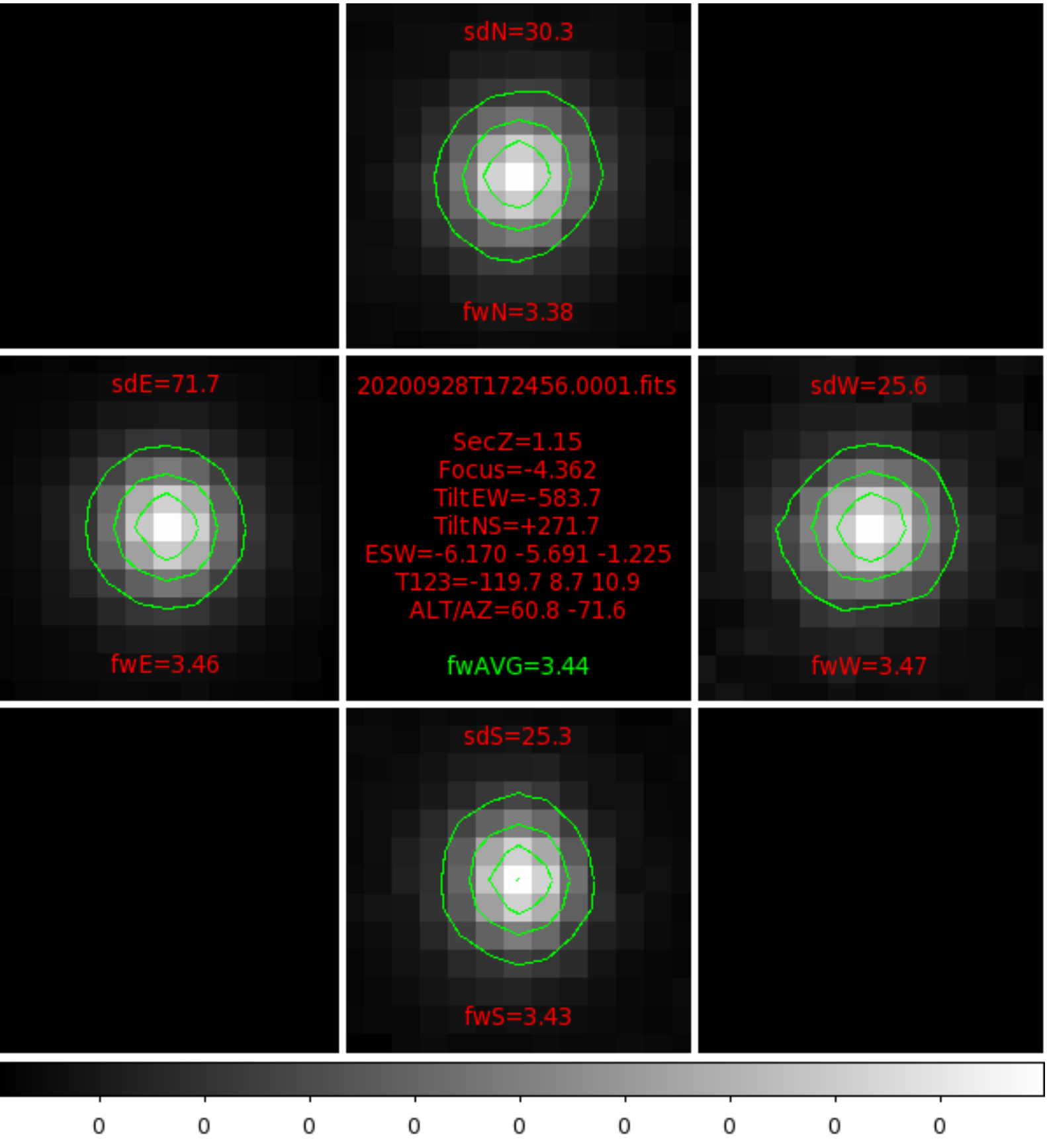
sdN=30.3
fwN=3.38
sdE=71.7
fwE=3.46
20200928T172456.0001.fits
SecZ=1.15
Focus=-4.362
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.170 -5.691 -1.225
T123=-119.7 8.7 10.9
ALT/AZ=60.8 -71.6
fwAVG=3.44
sdW=25.6
fwW=3.47
sdS=25.3
fwS=3.43
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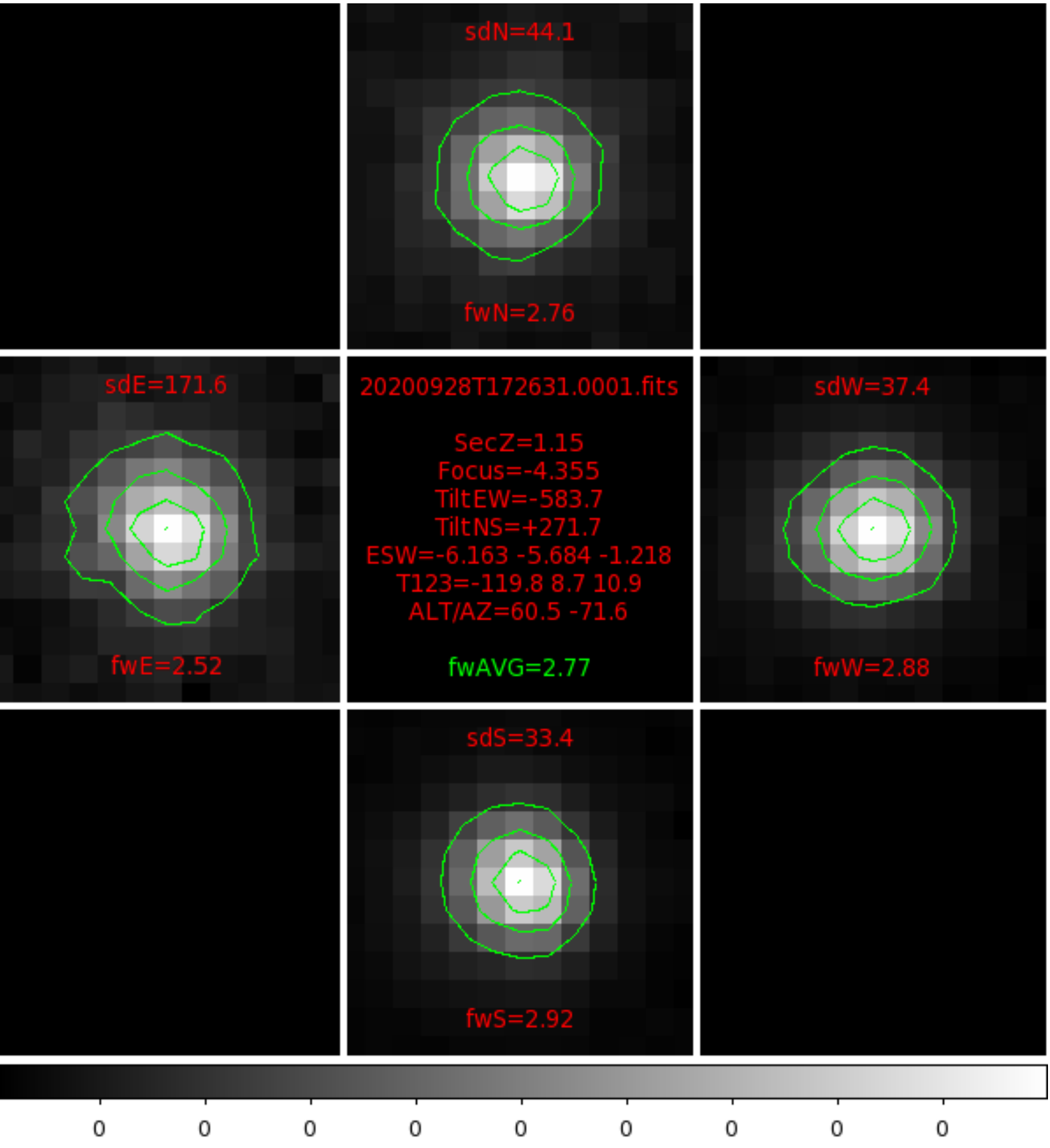
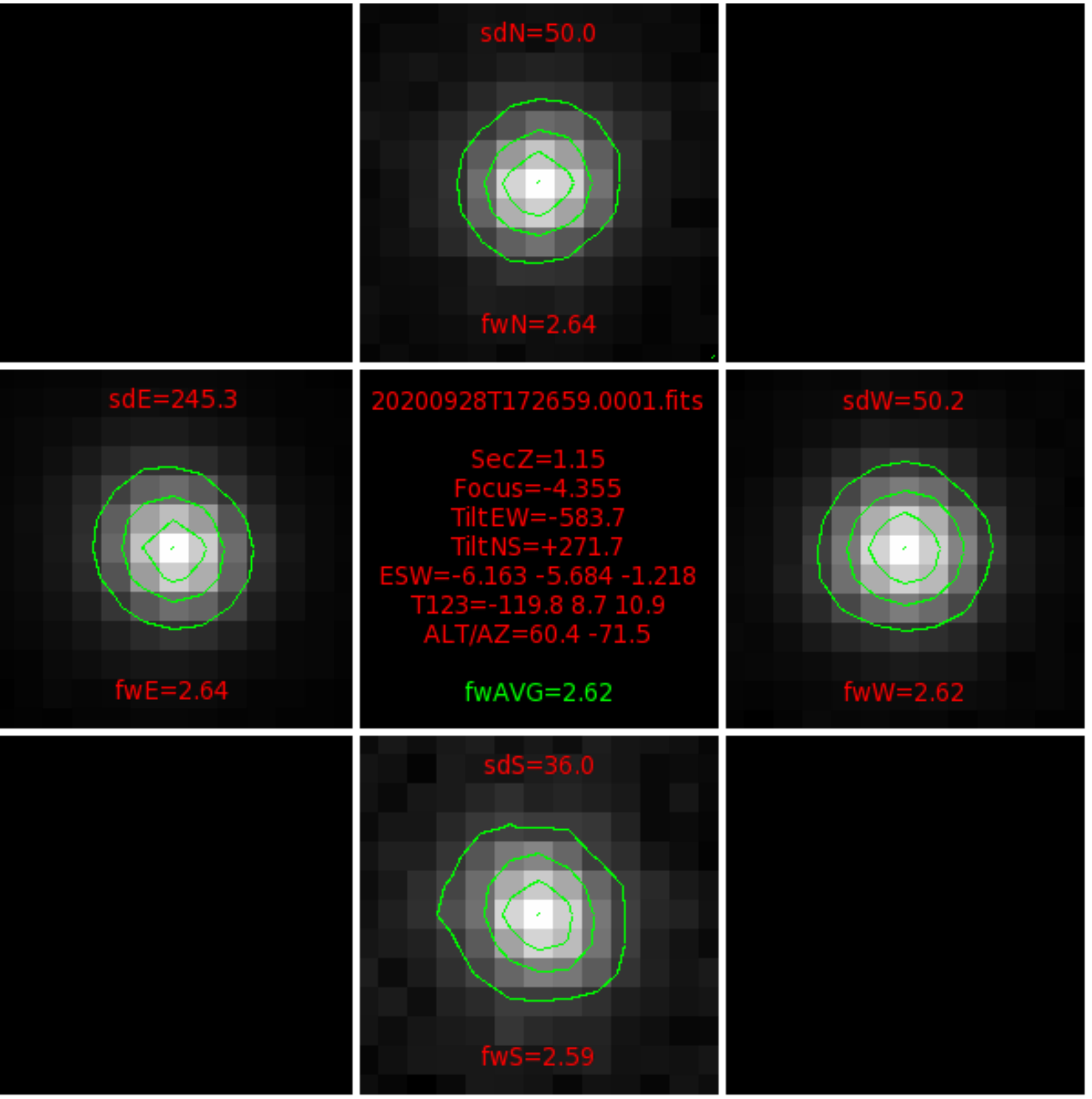

sdN=44.1
fwN=2.76
sdE=171.6
fwE=2.52
20200928T172631.0001.fits
SecZ=1.15
Focus=-4.355
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.163 -5.684 -1.218
T123=-119.8 8.7 10.9
ALT/AZ=60.5 -71.6
fwAVG=2.77
sdW=37.4
fwW=2.88
sdS=33.4
fwS=2.92
0 0 0 0 0 0 0 0 0


sdN=50.0
fwN=2.64
sdE=245.3
fwE=2.64
20200928T172659.0001.fits
SecZ=1.15
Focus=-4.355
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.163 -5.684 -1.218
T123=-119.8 8.7 10.9
ALT/AZ=60.4 -71.5
fwAVG=2.62
sdW=50.2
fwW=2.62
sdS=36.0
fwS=2.59
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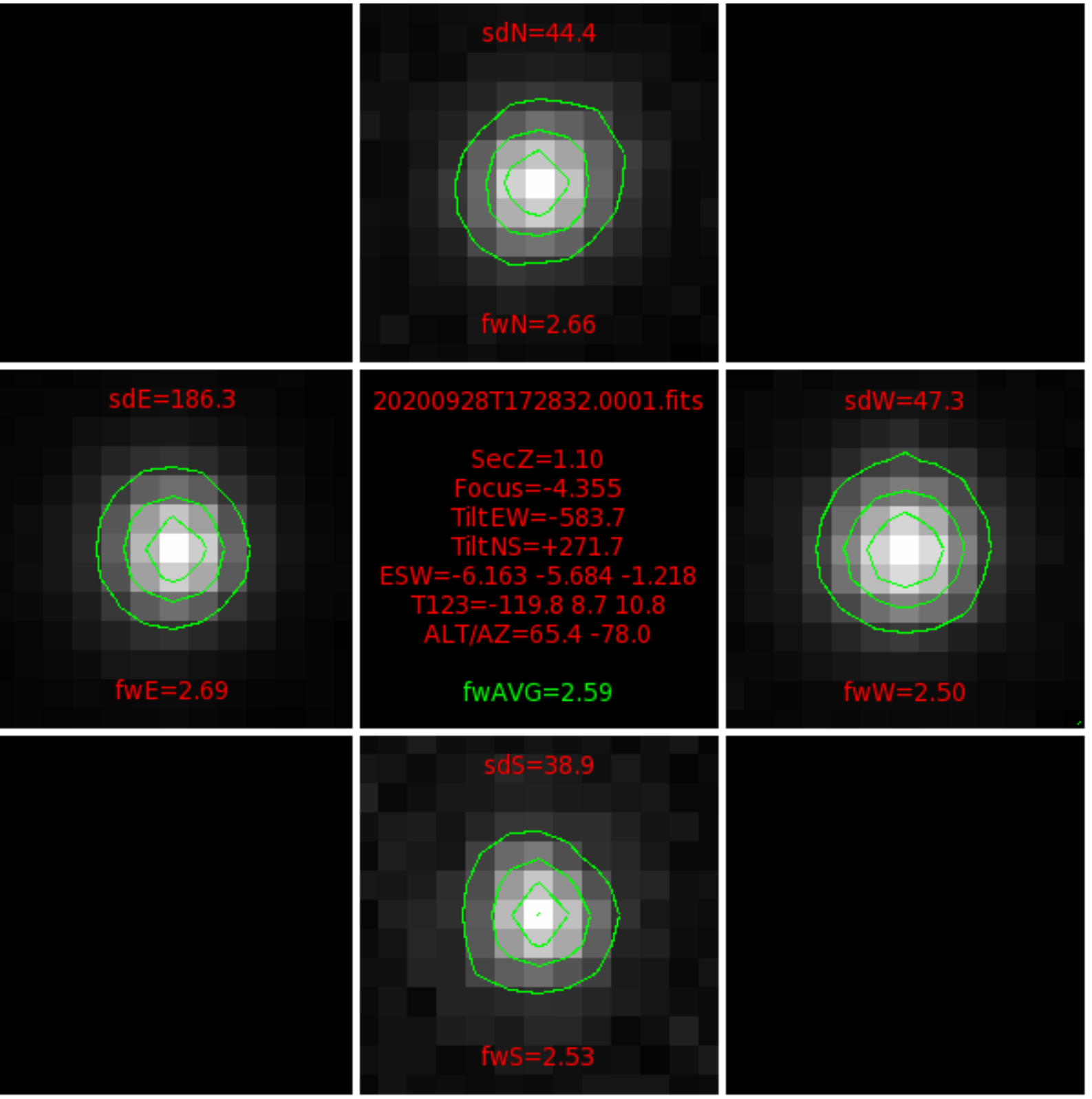
sdN=44.4
fwN=2.66
sdE=186.3
fwE=2.69
20200928T172832.0001.fits
SecZ=1.10
Focus=-4.355
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.163 -5.684 -1.218
T123=-119.8 8.7 10.8
ALT/AZ=65.4 -78.0
fwAVG=2.59
sdW=47.3
fwW=2.50
sdS=38.9
fwS=2.53
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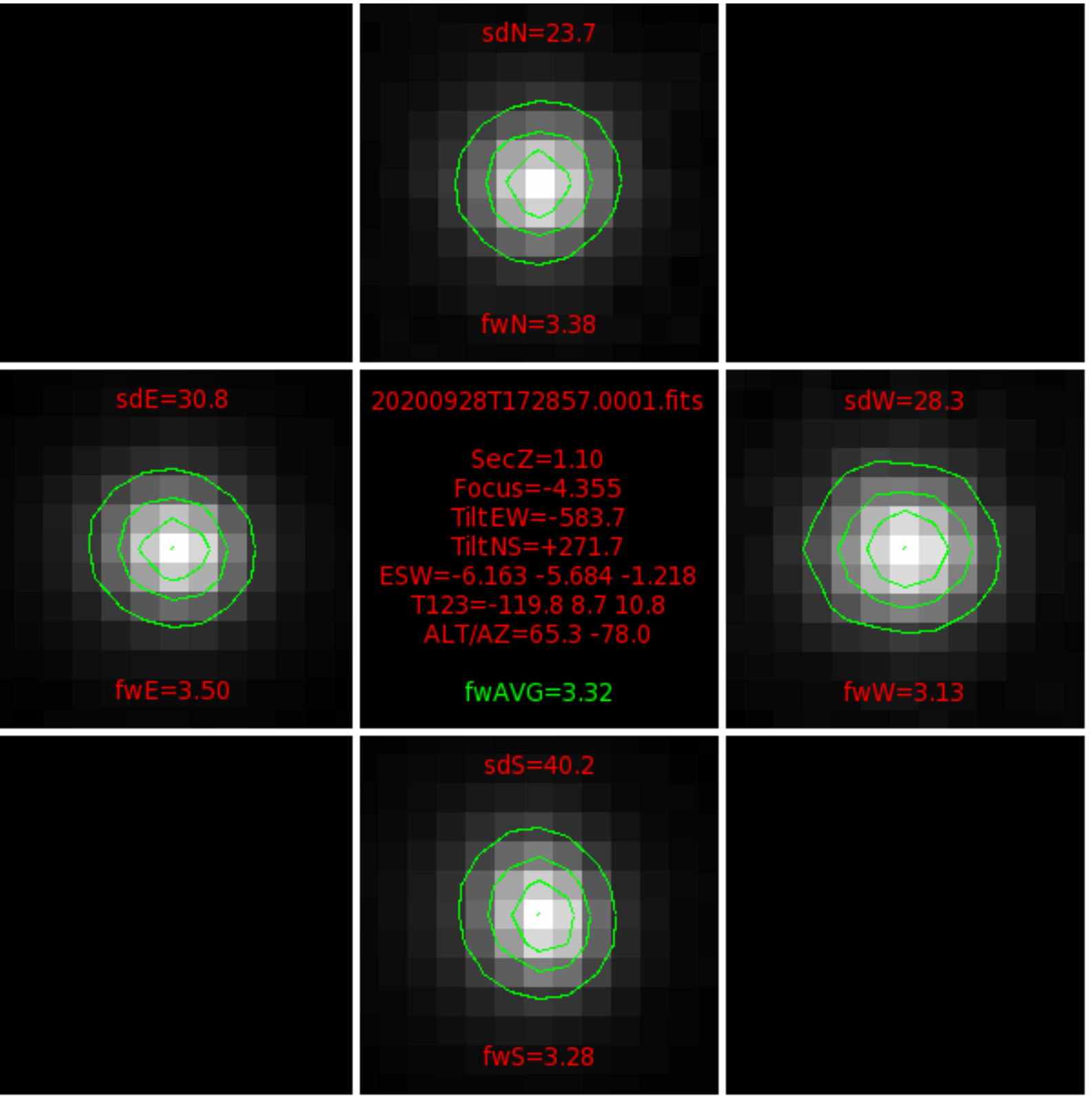
sdN=23.7
fwN=3.38
sdE=30.8
fwE=3.50
20200928T172857.0001.fits
SecZ=1.10
Focus=-4.355
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.163 -5.684 -1.218
T123=-119.8 8.7 10.8
ALT/AZ=65.3 -78.0
fwAVG=3.32
sdW=28.3
fwW=3.13
sdS=40.2
fwS=3.28
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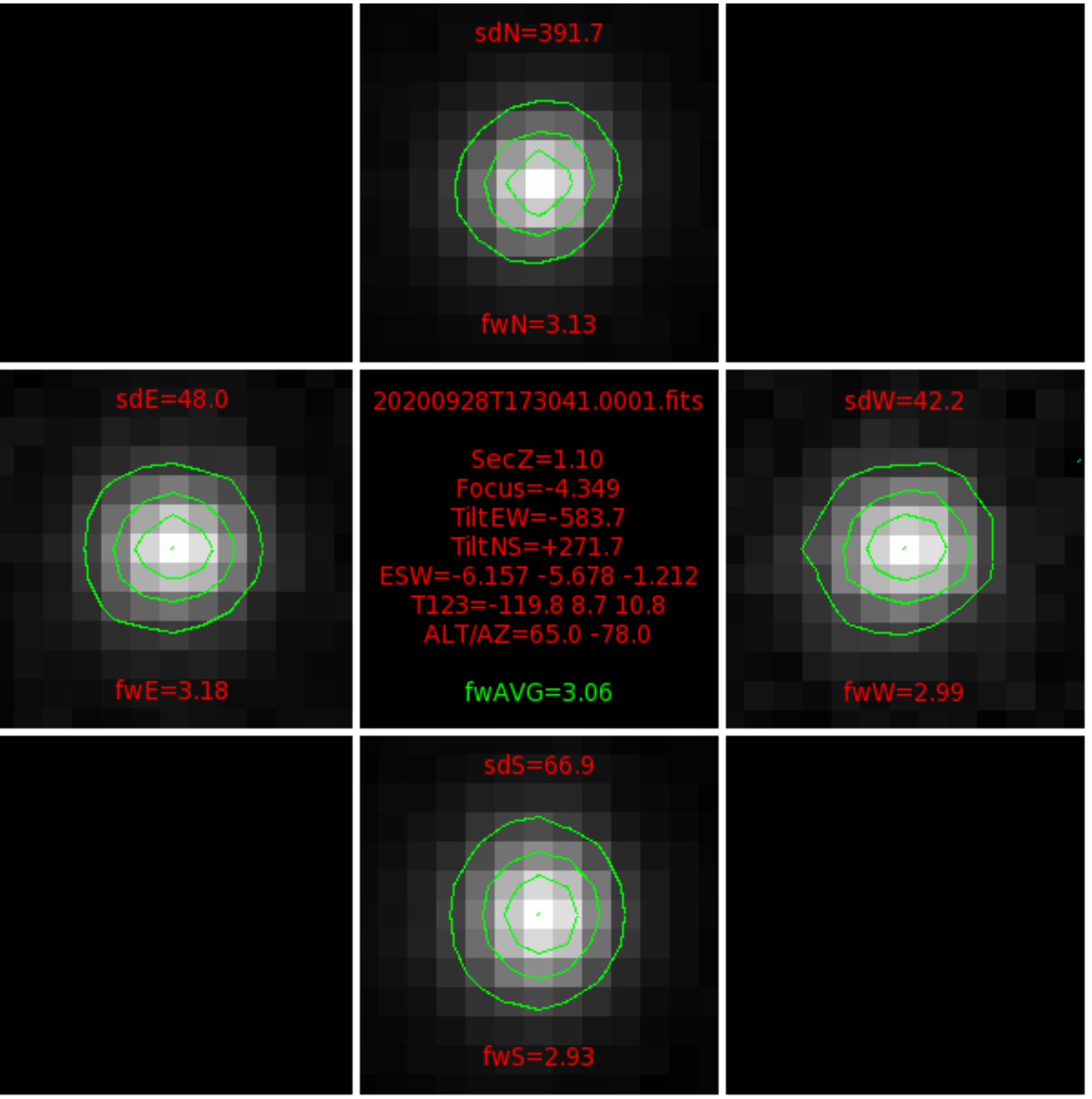
sdN=391.7
fwN=3.13
sdE=48.0
fwE=3.18
20200928T173041.0001.fits
SecZ=1.10
Focus=-4.349
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.157 -5.678 -1.212
T123=-119.8 8.7 10.8
ALT/AZ=65.0 -78.0
fwAVG=3.06
sdW=42.2
fwW=2.99
sdS=66.9
fwS=2.93
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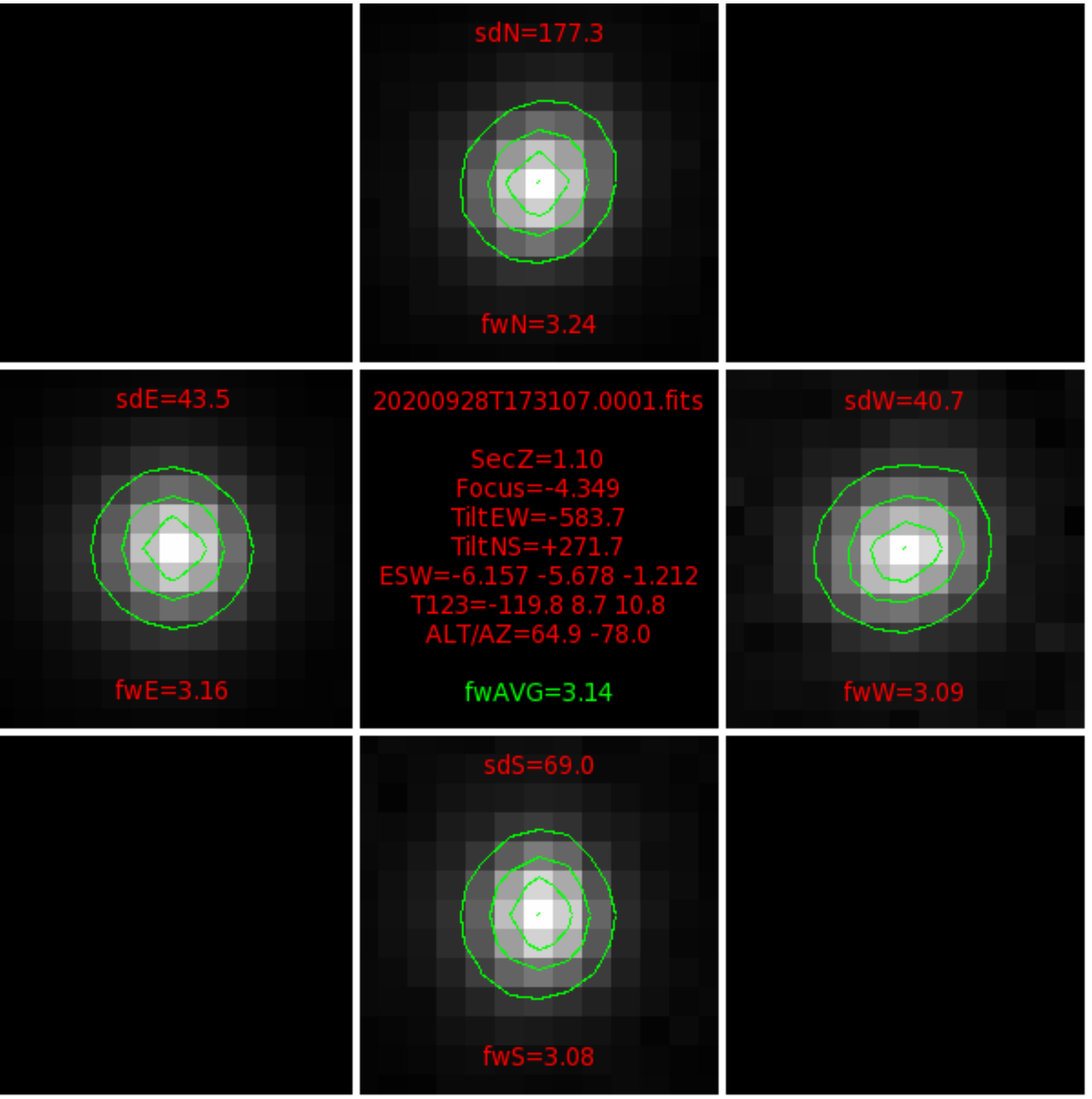
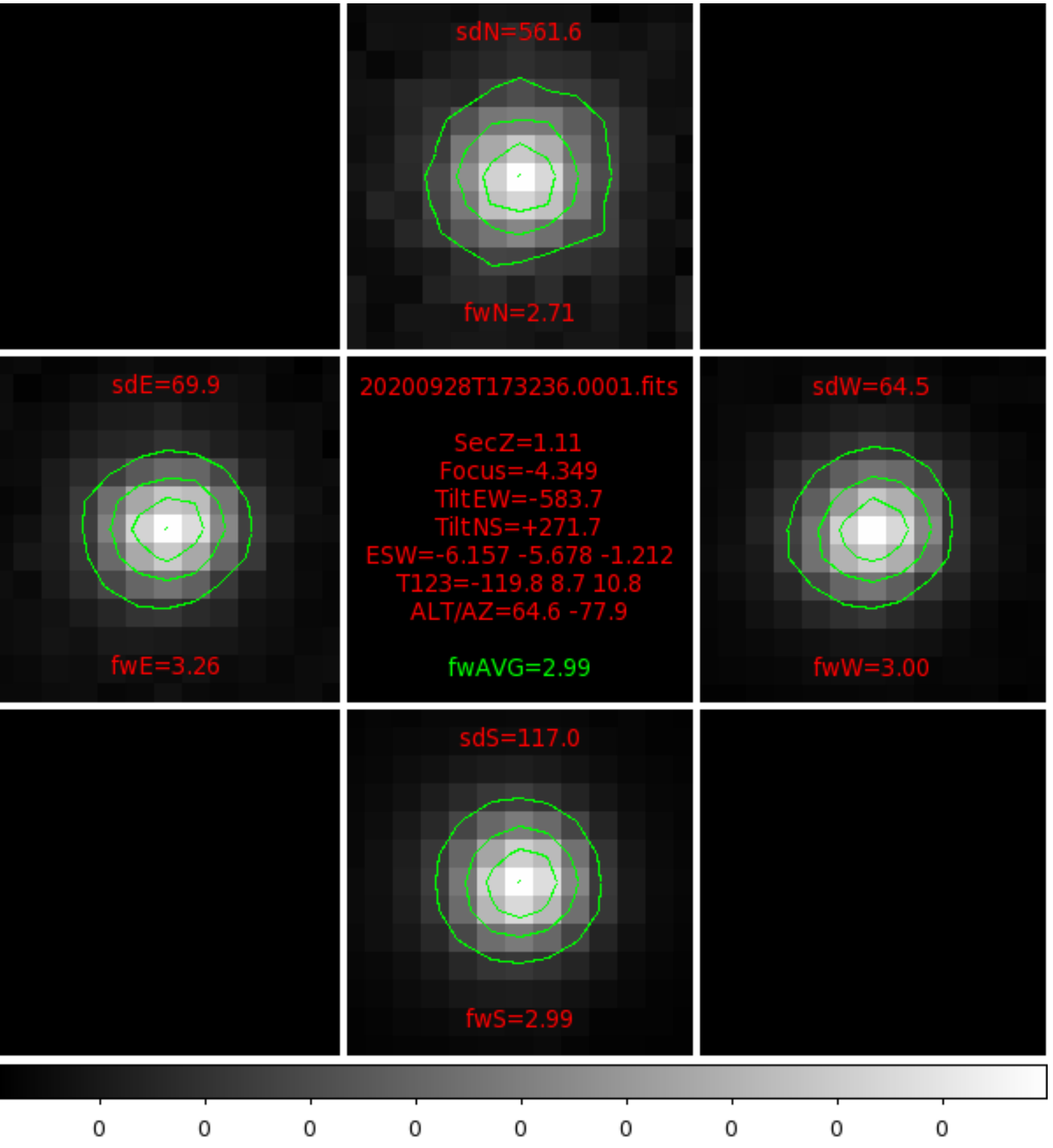

sdN=177.3
fwN=3.24
sdE=43.5
fwE=3.16
20200928T173107.0001.fits
SecZ=1.10
Focus=-4.349
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.157 -5.678 -1.212
T123=-119.8 8.7 10.8
ALT/AZ=64.9 -78.0
fwAVG=3.14
sdW=40.7
fwW=3.09
sdS=69.0
fwS=3.08
0 0 0 0 0 0 0 0 0


sdN=561.6
fwN=2.71
sdE=69.9
fwE=3.26
20200928T173236.0001.fits
SecZ=1.11
Focus=-4.349
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.157 -5.678 -1.212
T123=-119.8 8.7 10.8
ALT/AZ=64.6 -77.9
fwAVG=2.99
sdW=64.5
fwW=3.00
sdS=117.0
fwS=2.99
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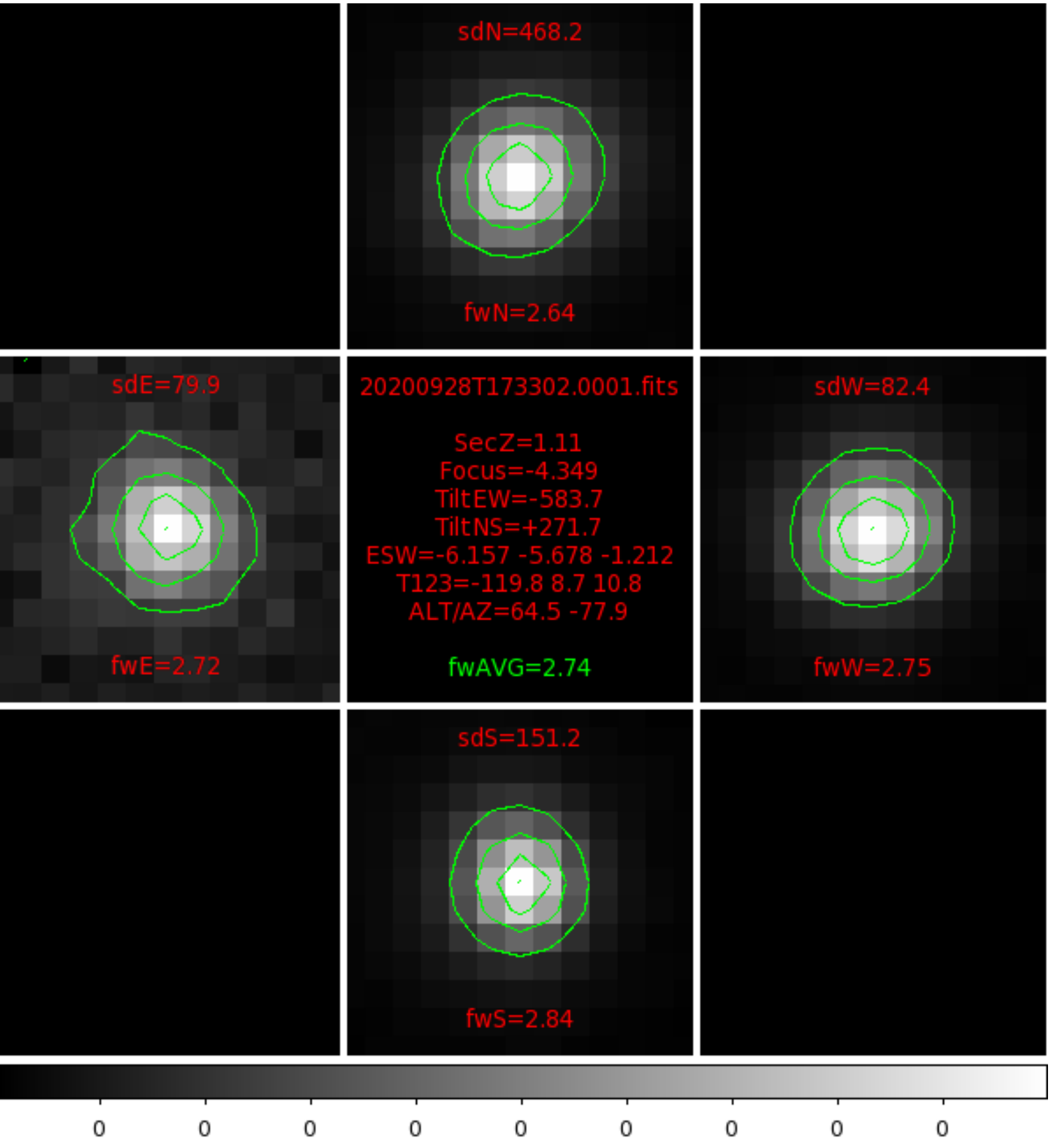
sdN=468.2
fwN=2.64
sdE=79.9
fwE=2.72
20200928T173302.0001.fits
SecZ=1.11
Focus=-4.349
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.157 -5.678 -1.212
T123=-119.8 8.7 10.8
ALT/AZ=64.5 -77.9
fwAVG=2.74
sdW=82.4
fwW=2.75
sdS=151.2
fwS=2.84
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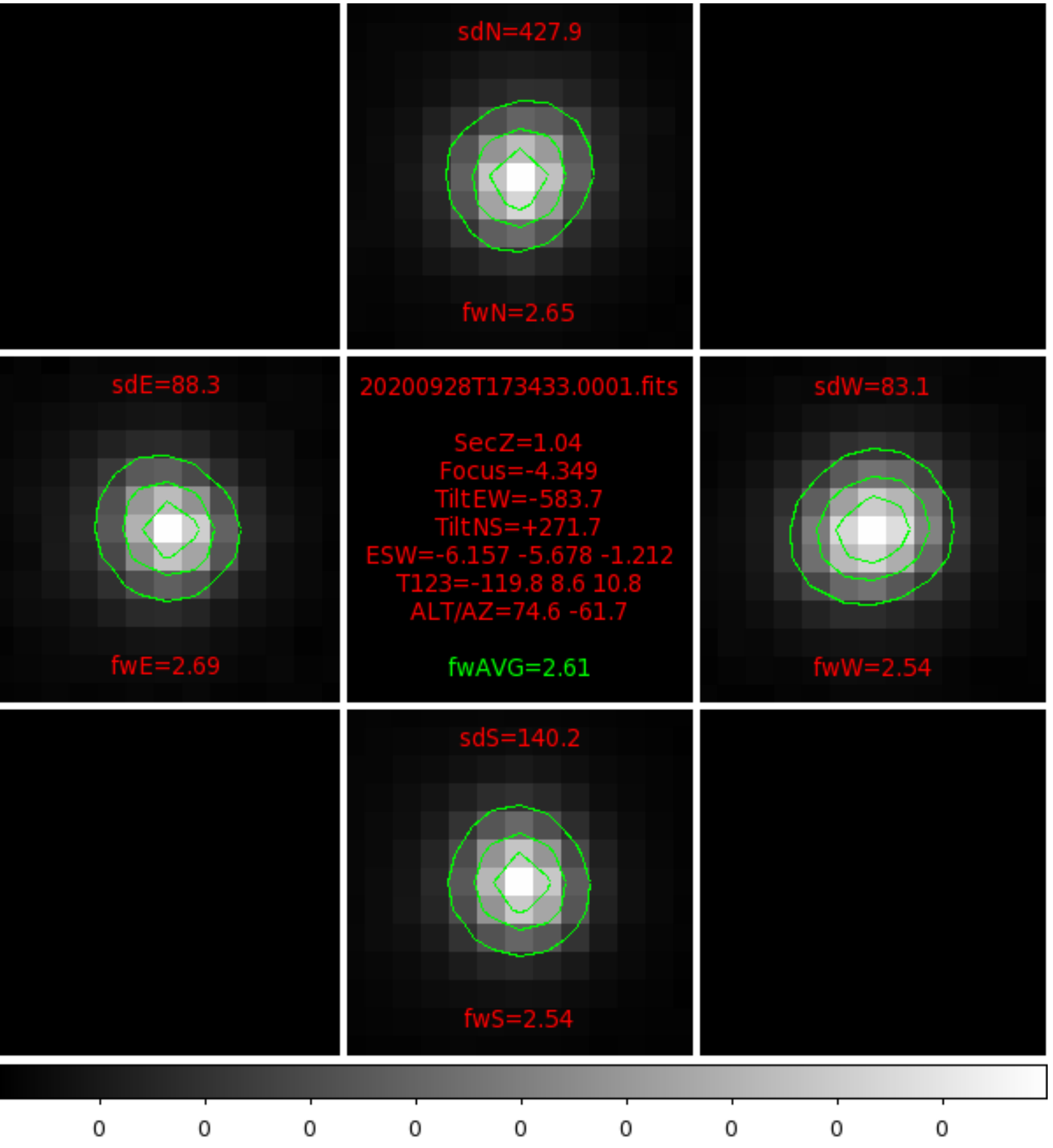
sdN=427.9
fwN=2.65
sdE=88.3
fwE=2.69
20200928T173433.0001.fits
SecZ=1.04
Focus=-4.349
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.157 -5.678 -1.212
T123=-119.8 8.6 10.8
ALT/AZ=74.6 -61.7
fwAVG=2.61
sdW=83.1
fwW=2.54
sdS=140.2
fwS=2.54
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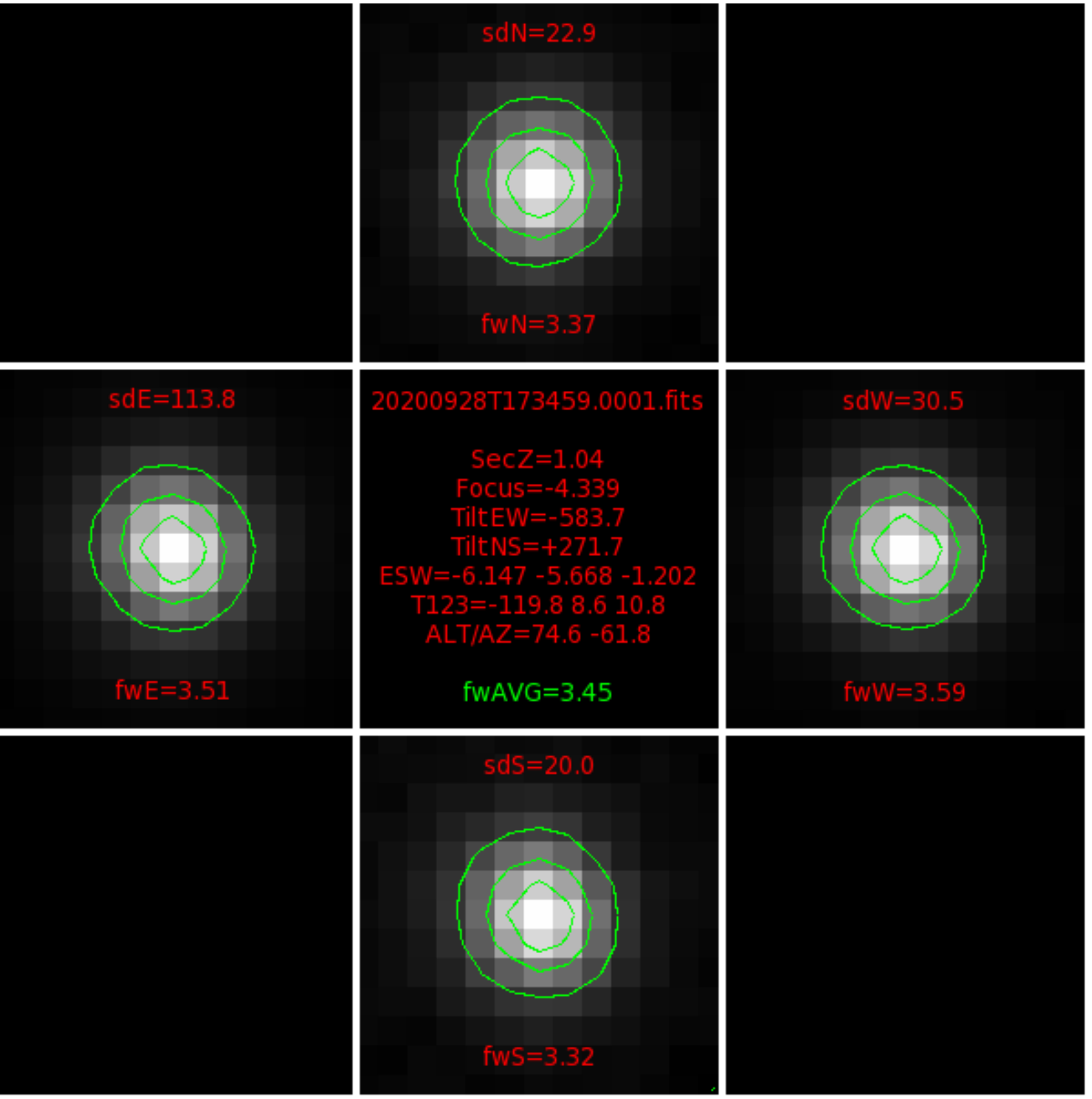
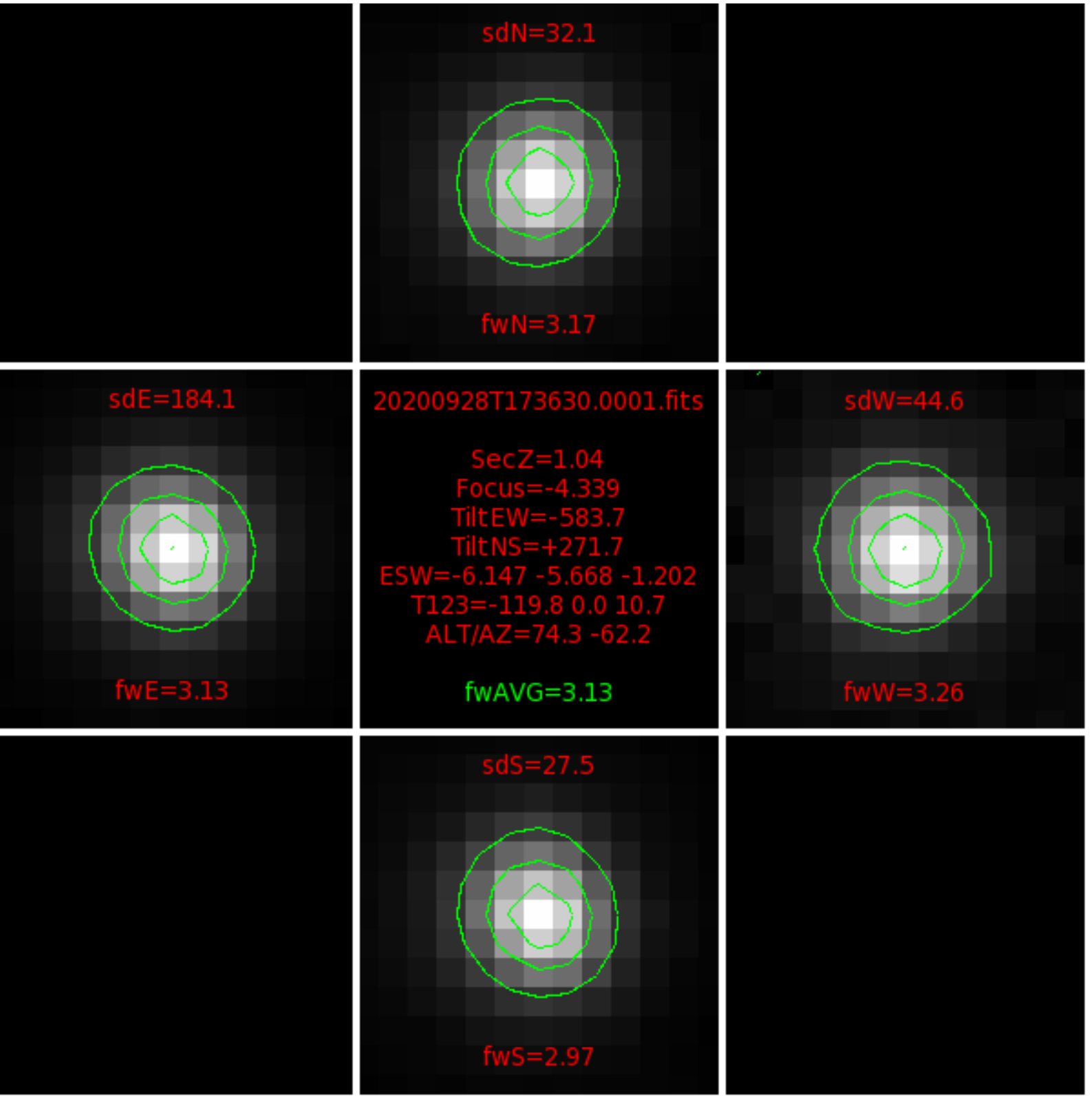

sdN=22.9
fwN=3.37
sdE=113.8
fwE=3.51
20200928T173459.0001.fits
SecZ=1.04
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 8.6 10.8
ALT/AZ=74.6 -61.8
fwAVG=3.45
sdW=30.5
fwW=3.59
sdS=20.0
fwS=3.32
0 0 0 0 0 0 0 0 0


sdN=32.1
fwN=3.17
sdE=184.1
fwE=3.13
20200928T173630.0001.fits
SecZ=1.04
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 0.0 10.7
ALT/AZ=74.3 -62.2
fwAVG=3.13
sdW=44.6
fwW=3.26
sdS=27.5
fwS=2.97
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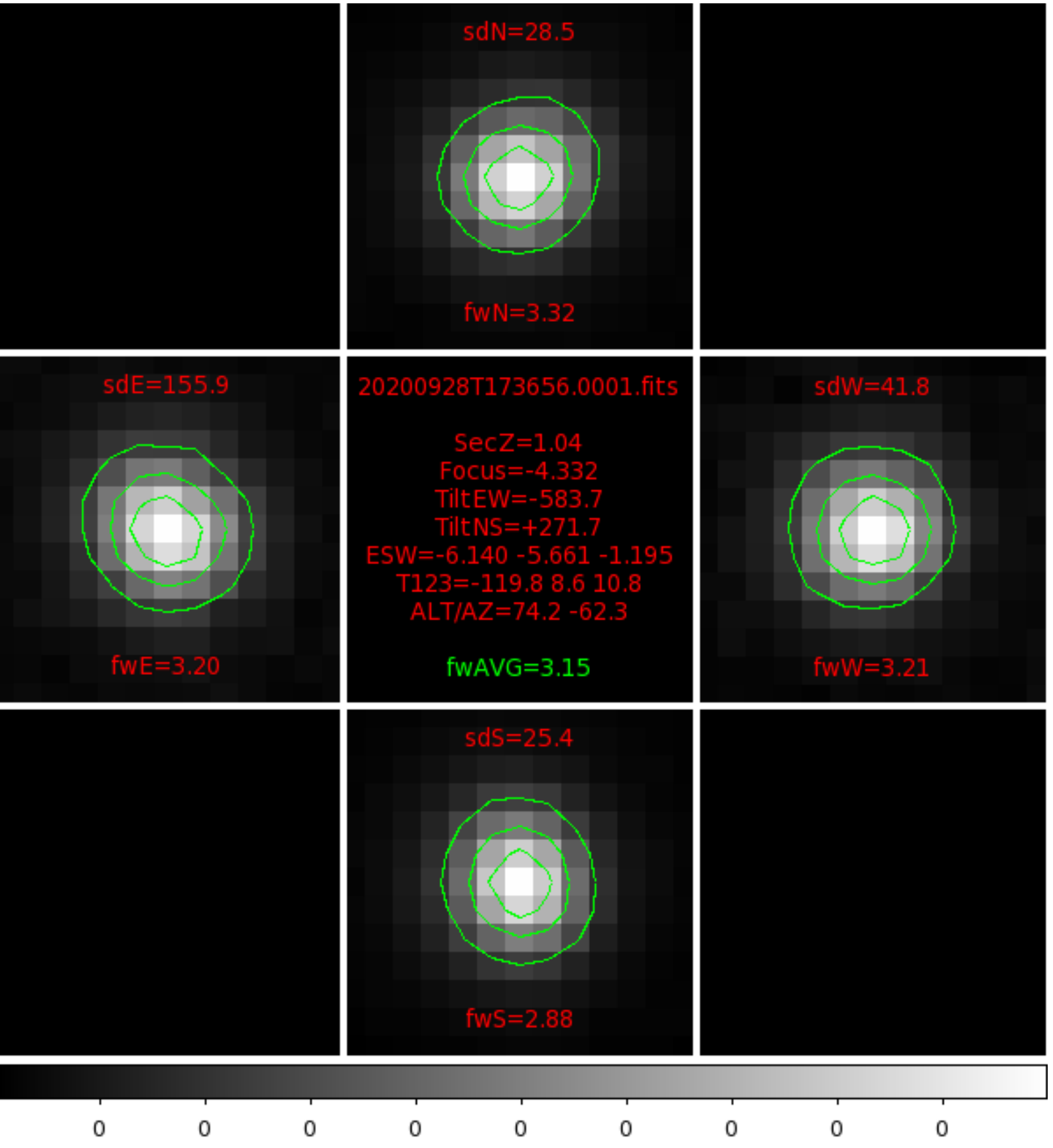
sdN=28.5
fwN=3.32
sdE=155.9
fwE=3.20
20200928T173656.0001.fits
SecZ=1.04
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-119.8 8.6 10.8
ALT/AZ=74.2 -62.3
fwAVG=3.15
sdW=41.8
fwW=3.21
sdS=25.4
fwS=2.88
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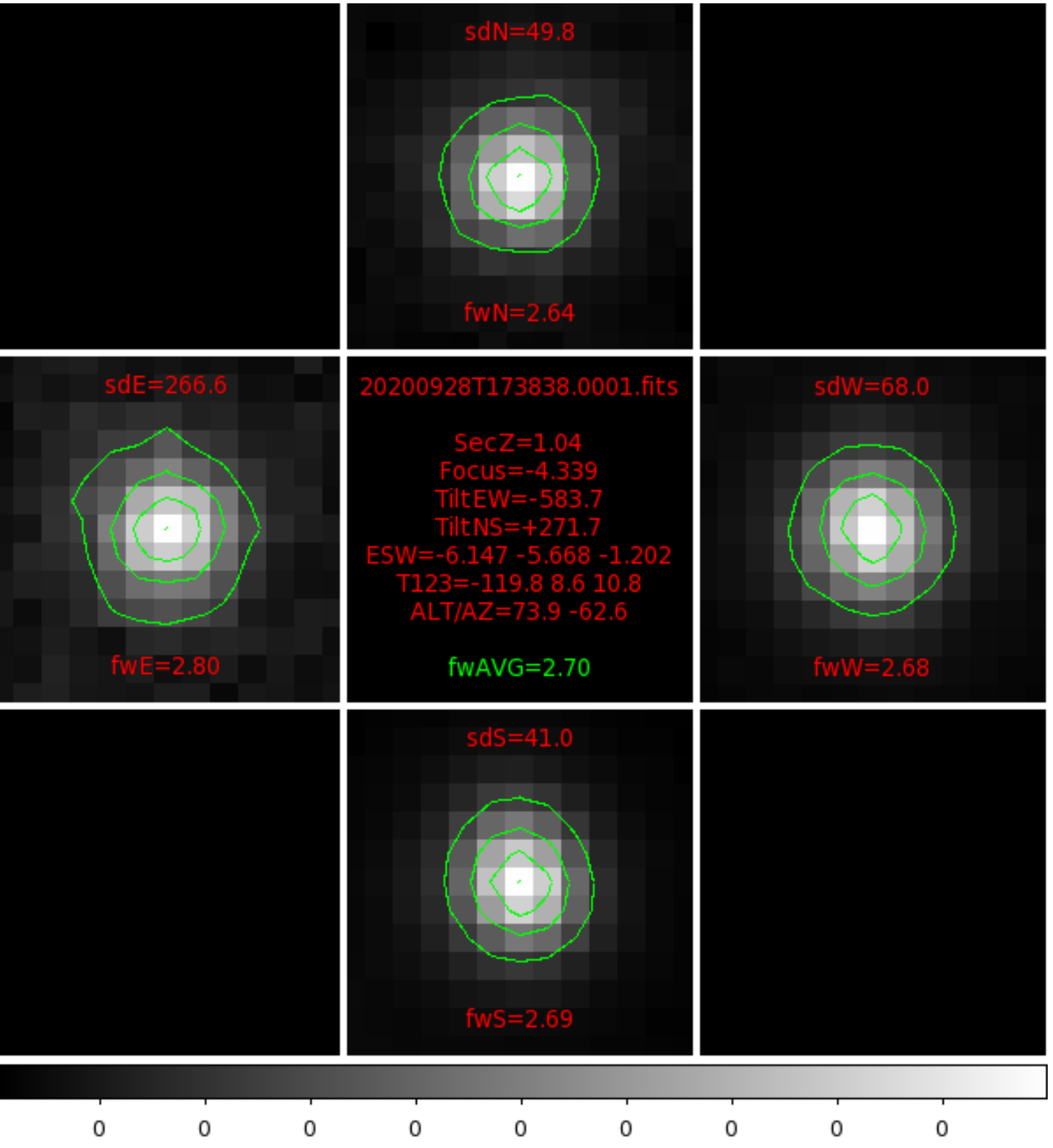
sdN=49.8
fwN=2.64
sdE=266.6
fwE=2.80
20200928T173838.0001.fits
SecZ=1.04
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 8.6 10.8
ALT/AZ=73.9 -62.6
fwAVG=2.70
sdW=68.0
fwW=2.68
sdS=41.0
fwS=2.69
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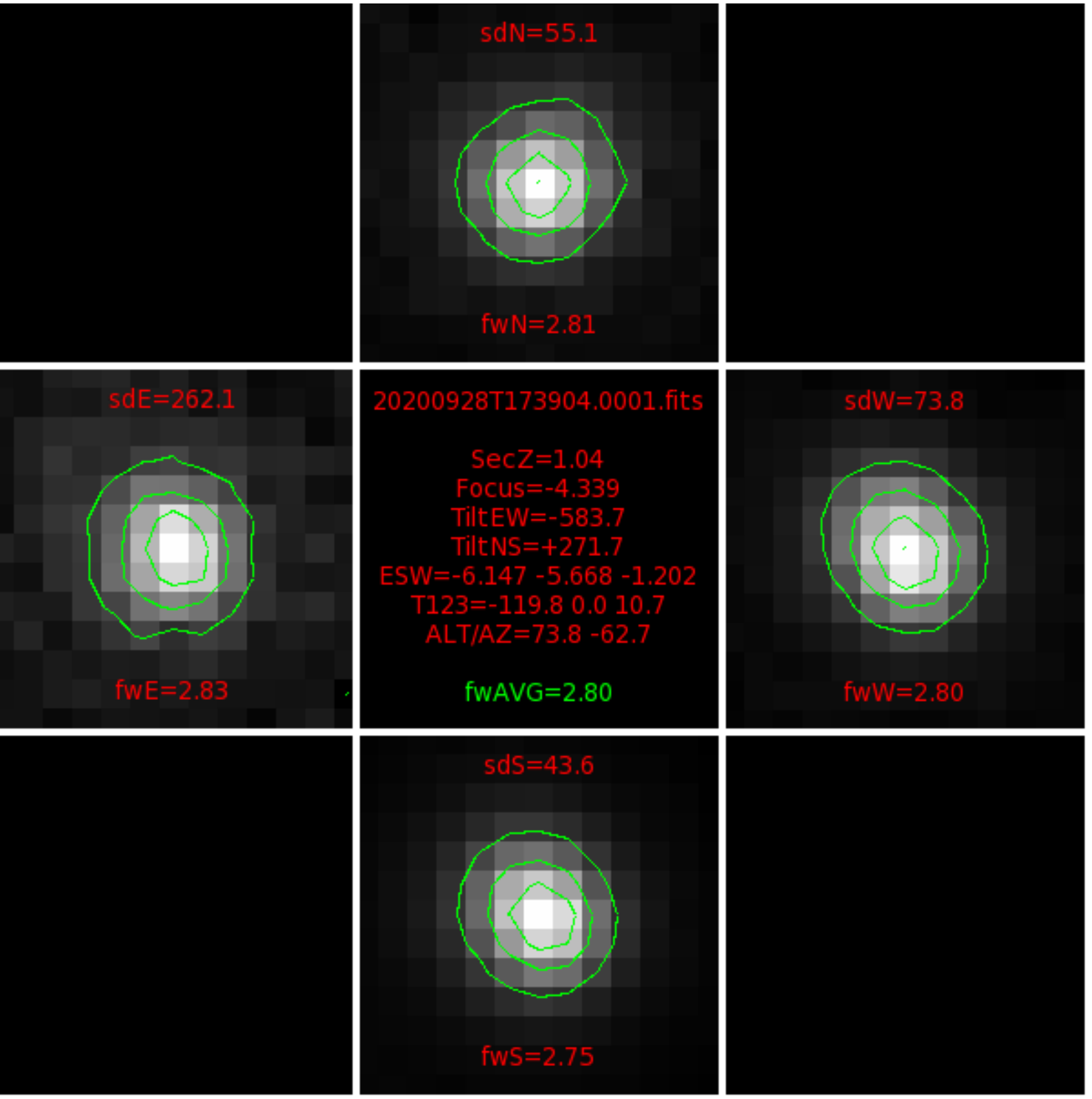
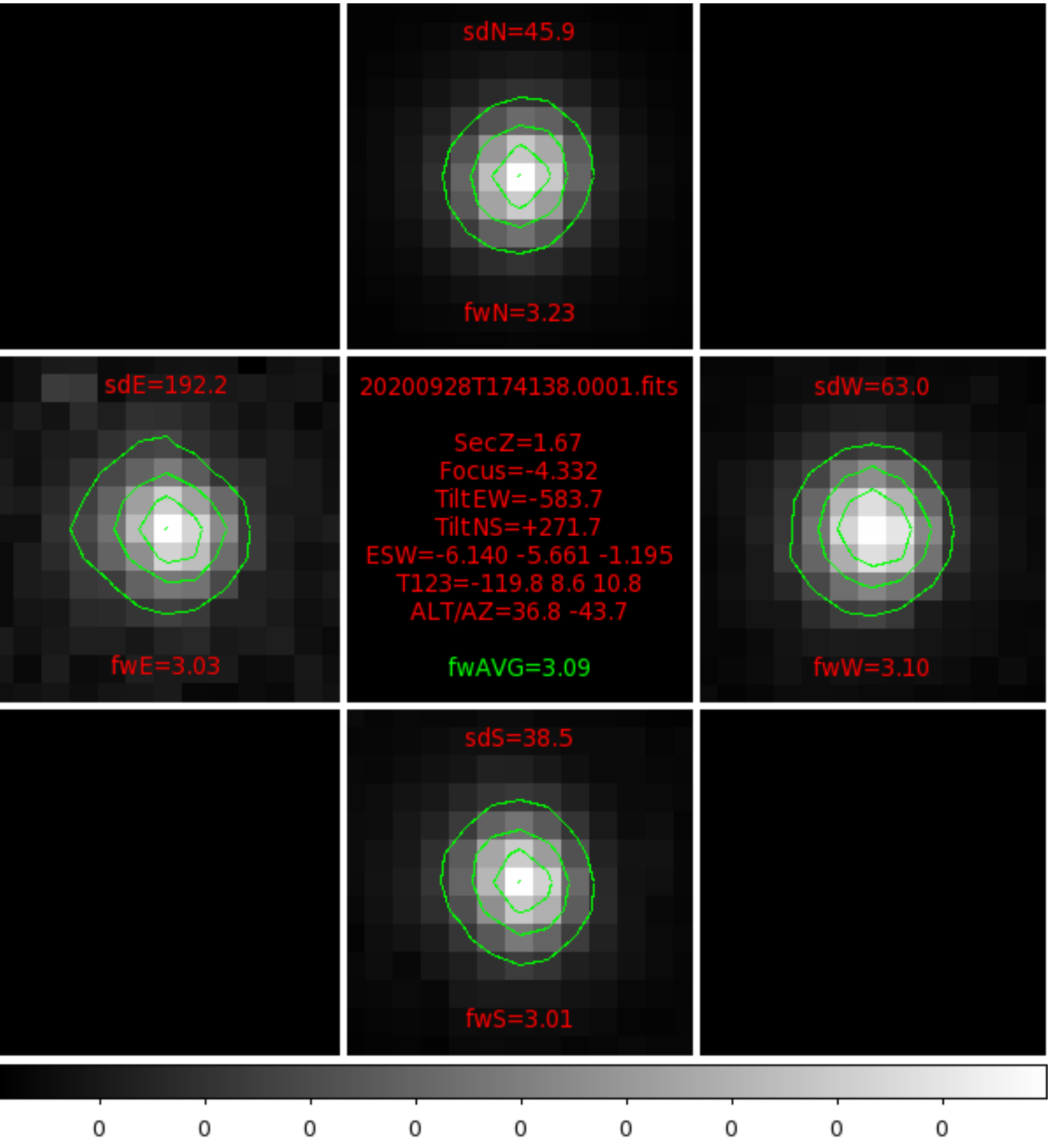

sdN=55.1
fwN=2.81
sdE=262.1
fwE=2.83
20200928T173904.0001.fits
SecZ=1.04
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 0.0 10.7
ALT/AZ=73.8 -62.7
fwAVG=2.80
sdW=73.8
fwW=2.80
sdS=43.6
fwS=2.75
0 0 0 0 0 0 0 0 0


sdN=45.9
fwN=3.23
sdE=192.2
fwE=3.03
20200928T174138.0001.fits
SecZ=1.67
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-119.8 8.6 10.8
ALT/AZ=36.8 -43.7
fwAVG=3.09
sdW=63.0
fwW=3.10
sdS=38.5
fwS=3.01
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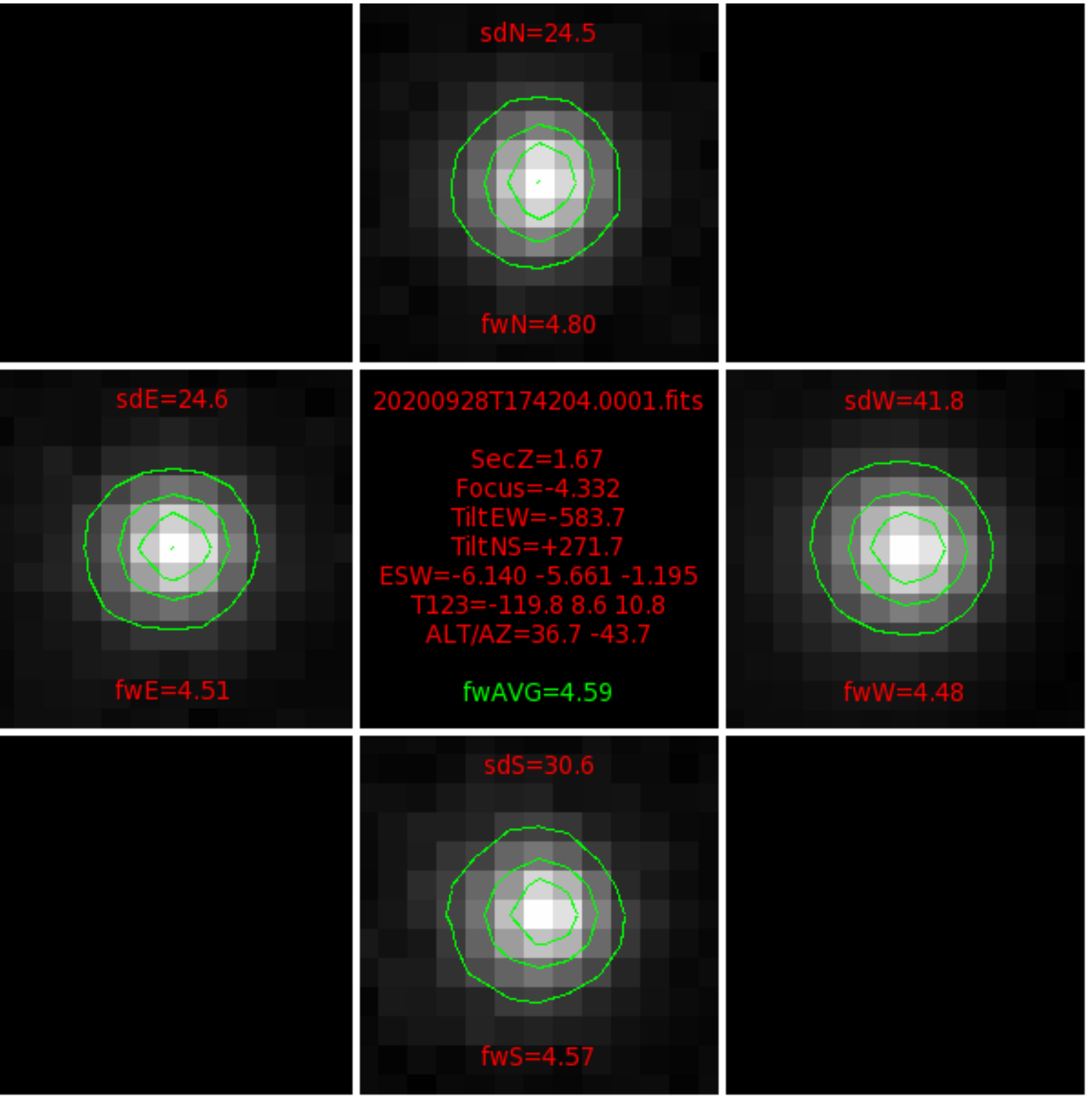
sdN=24.5
fwN=4.80
sdE=24.6
fwE=4.51
20200928T174204.0001.fits
SecZ=1.67
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-119.8 8.6 10.8
ALT/AZ=36.7 -43.7
fwAVG=4.59
sdW=41.8
fwW=4.48
sdS=30.6
fwS=4.57
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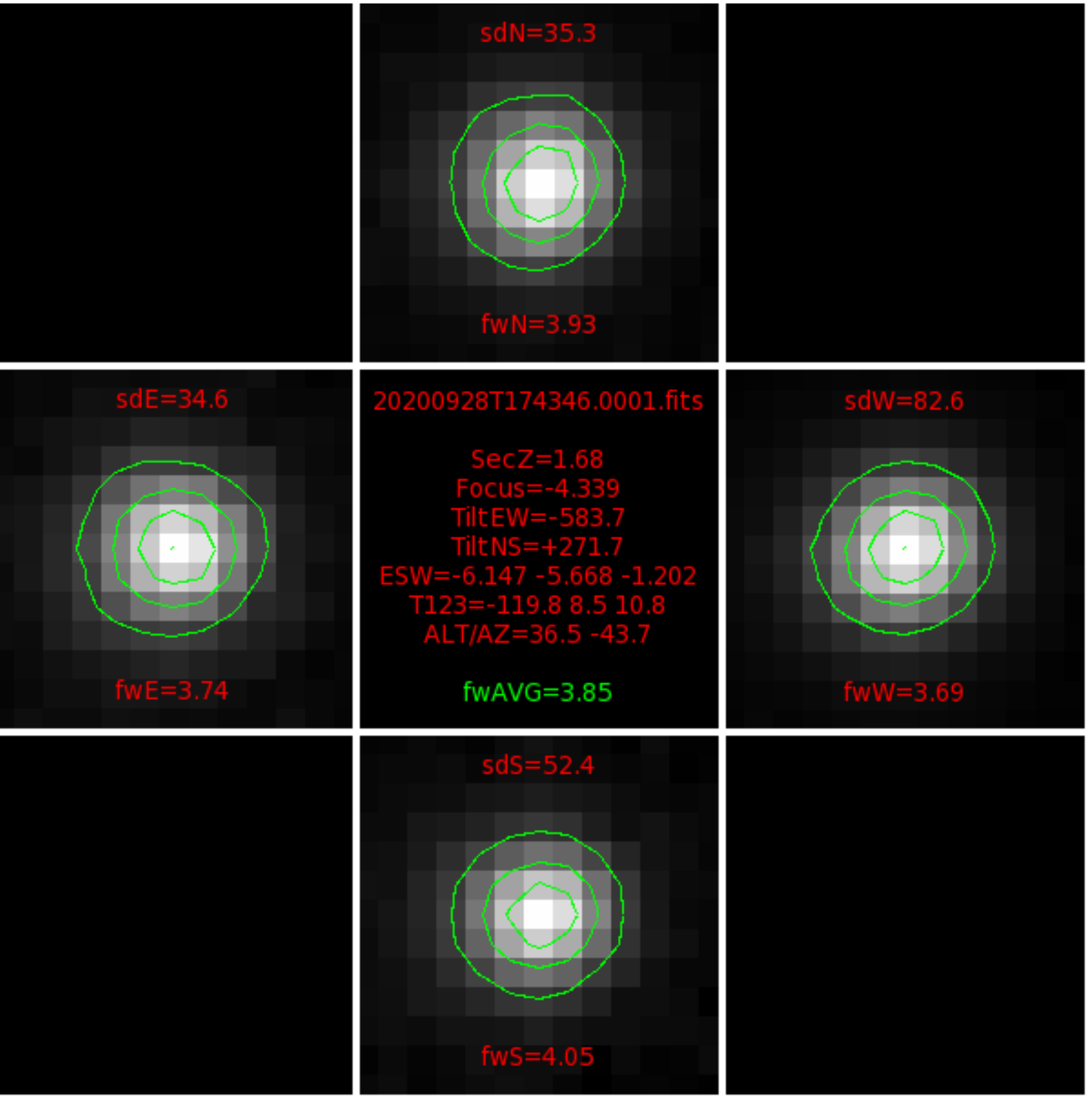
sdN=35.3
fwN=3.93
sdE=34.6
fwE=3.74
20200928T174346.0001.fits
SecZ=1.68
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 8.5 10.8
ALT/AZ=36.5 -43.7
fwAVG=3.85
sdW=82.6
fwW=3.69
sdS=52.4
fwS=4.05
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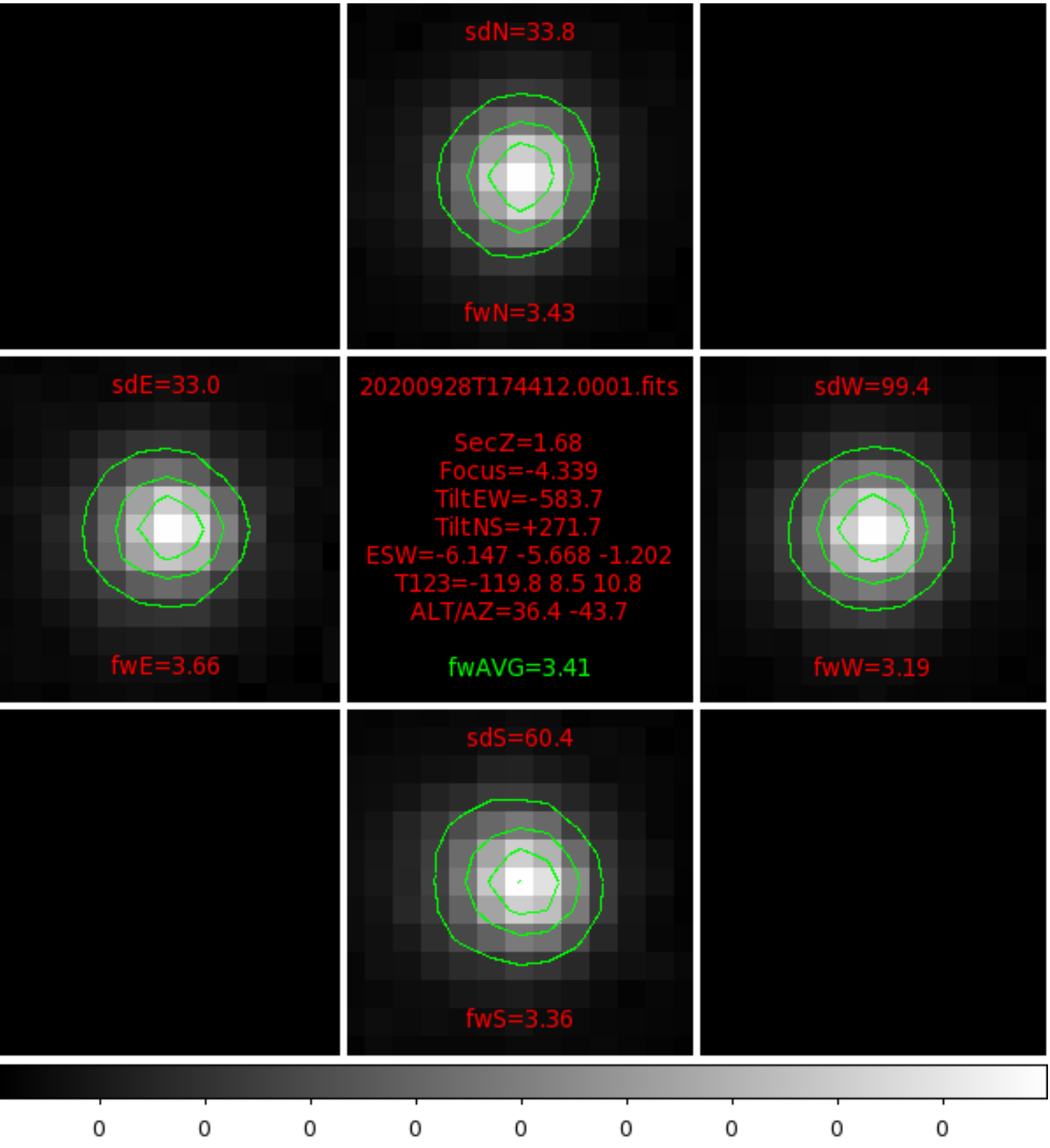
sdN=33.8
fwN=3.43
sdE=33.0
fwE=3.66
20200928T174412.0001.fits
SecZ=1.68
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 8.5 10.8
ALT/AZ=36.4 -43.7
fwAVG=3.41
sdW=99.4
fwW=3.19
sdS=60.4
fwS=3.36
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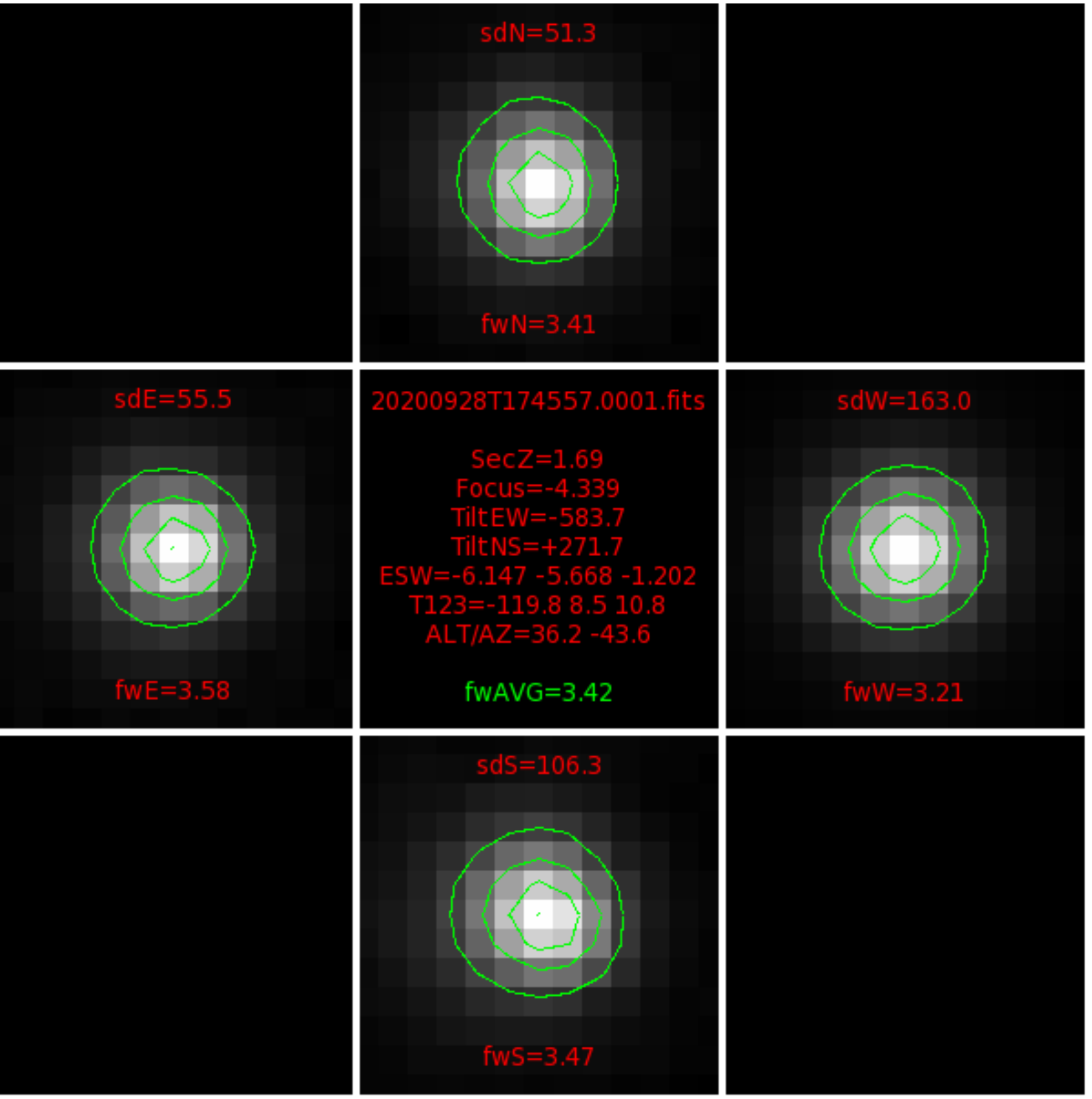
sdN=51.3
fwN=3.41
sdE=55.5
fwE=3.58
20200928T174557.0001.fits
SecZ=1.69
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 8.5 10.8
ALT/AZ=36.2 -43.6
fwAVG=3.42
sdW=163.0
fwW=3.21
sdS=106.3
fwS=3.47
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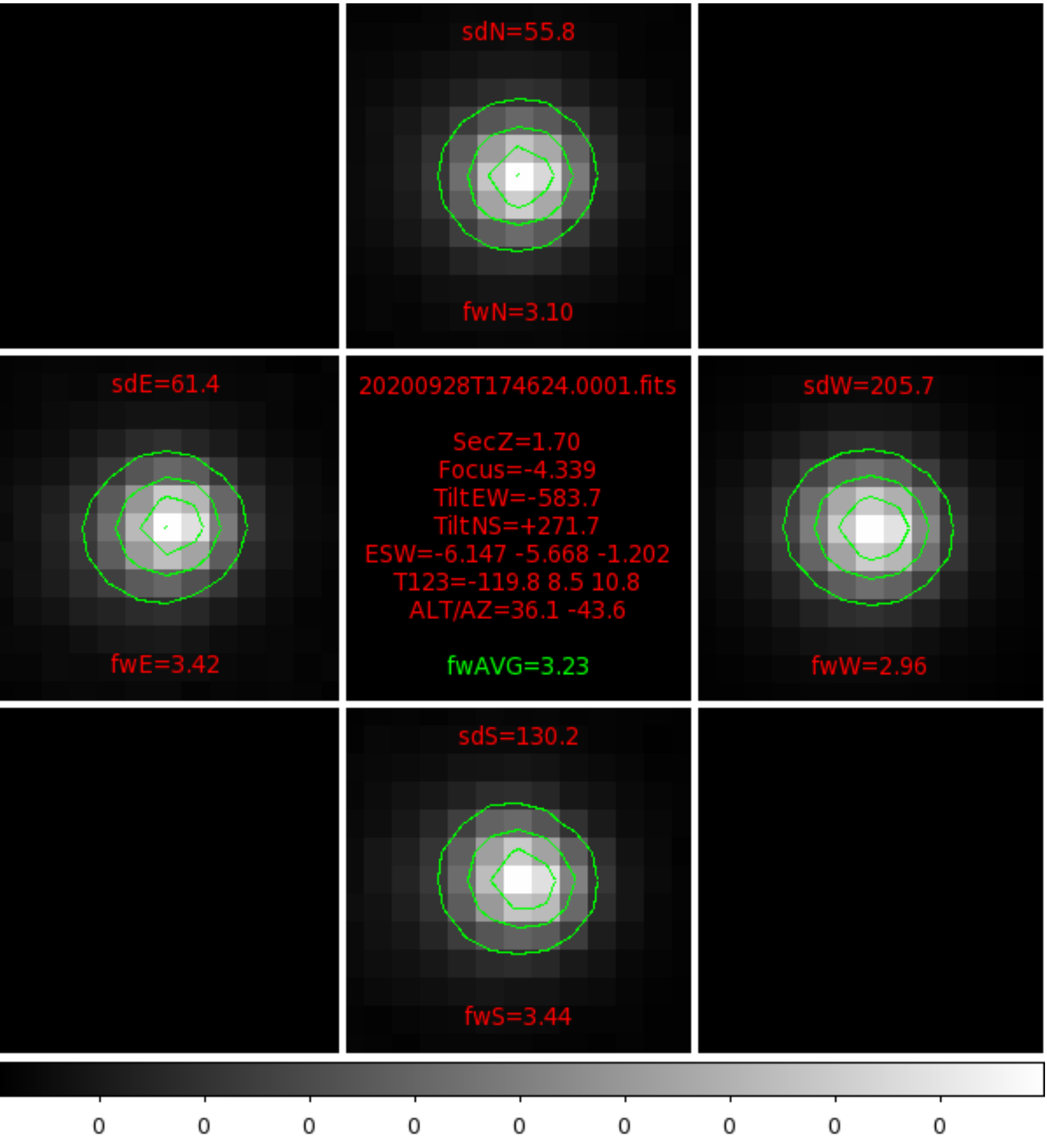
sdN=55.8
fwN=3.10
sdE=61.4
fwE=3.42
20200928T174624.0001.fits
SecZ=1.70
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 8.5 10.8
ALT/AZ=36.1 -43.6
fwAVG=3.23
sdW=205.7
fwW=2.96
sdS=130.2
fwS=3.44
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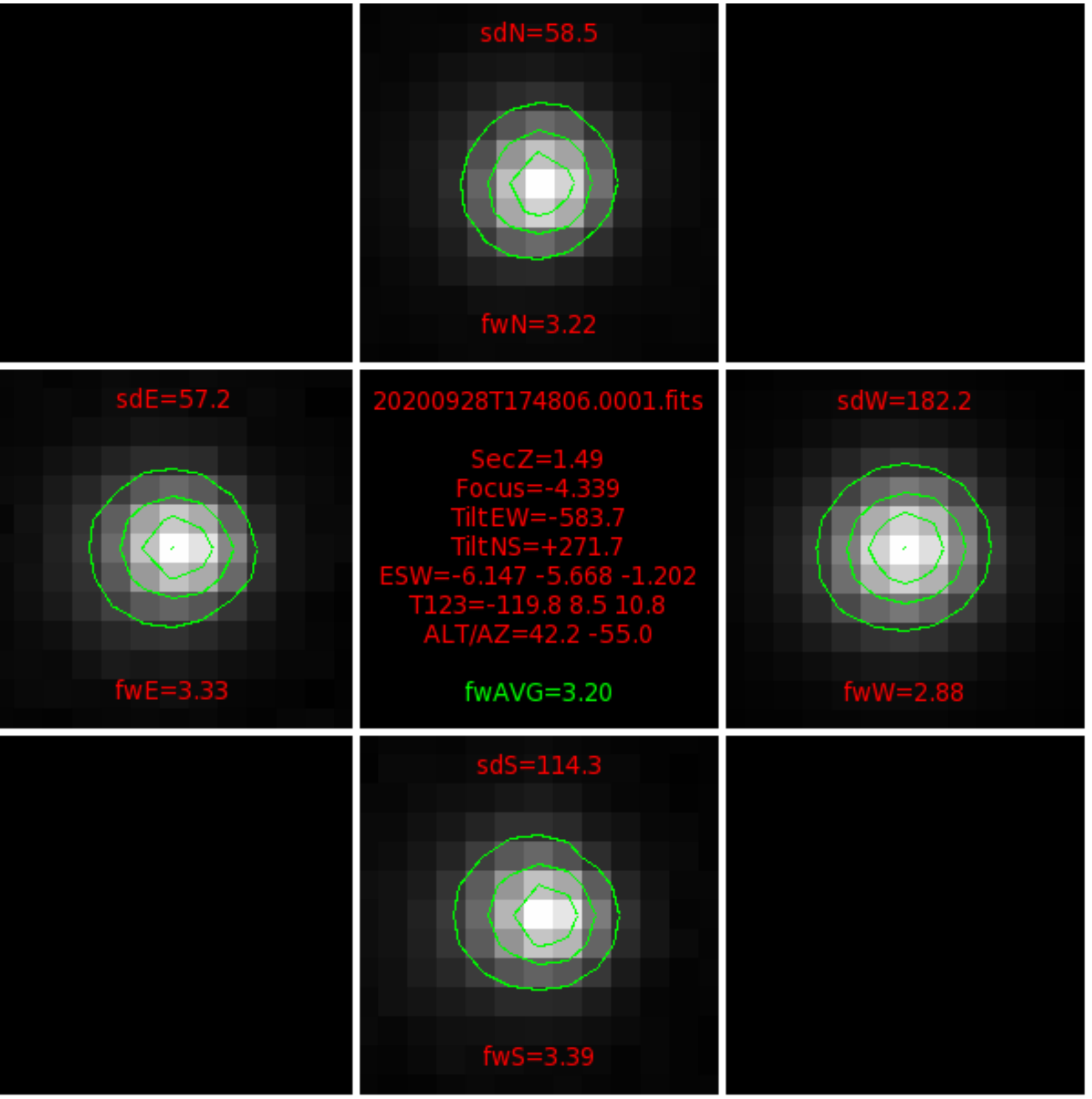
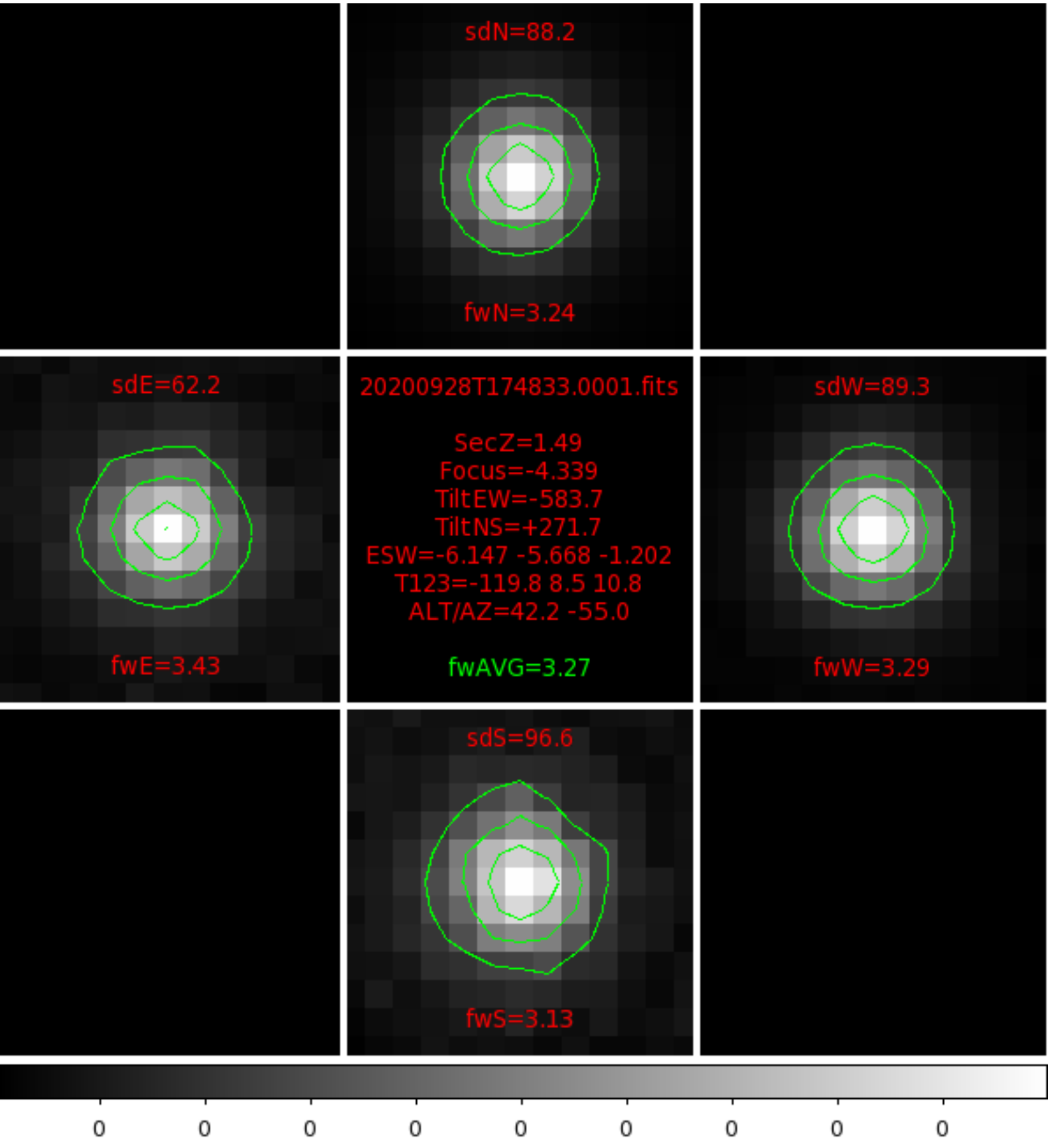

sdN=58.5
fwN=3.22
sdE=57.2
fwE=3.33
20200928T174806.0001.fits
SecZ=1.49
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 8.5 10.8
ALT/AZ=42.2 -55.0
fwAVG=3.20
sdW=182.2
fwW=2.88
sdS=114.3
fwS=3.39
0 0 0 0 0 0 0 0 0


sdN=88.2
fwN=3.24
sdE=62.2
fwE=3.43
20200928T174833.0001.fits
SecZ=1.49
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 8.5 10.8
ALT/AZ=42.2 -55.0
fwAVG=3.27
sdW=89.3
fwW=3.29
sdS=96.6
fwS=3.13
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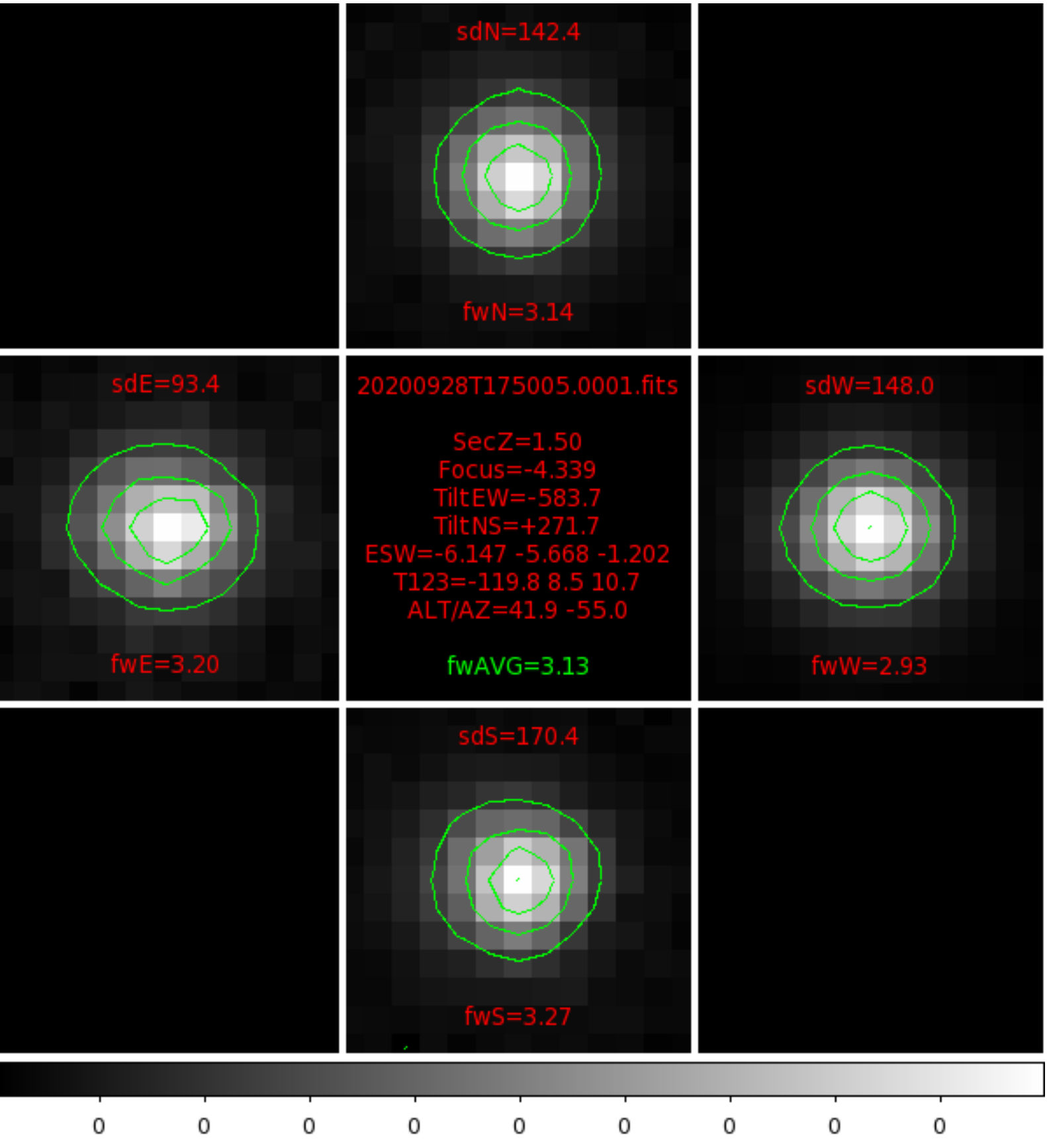
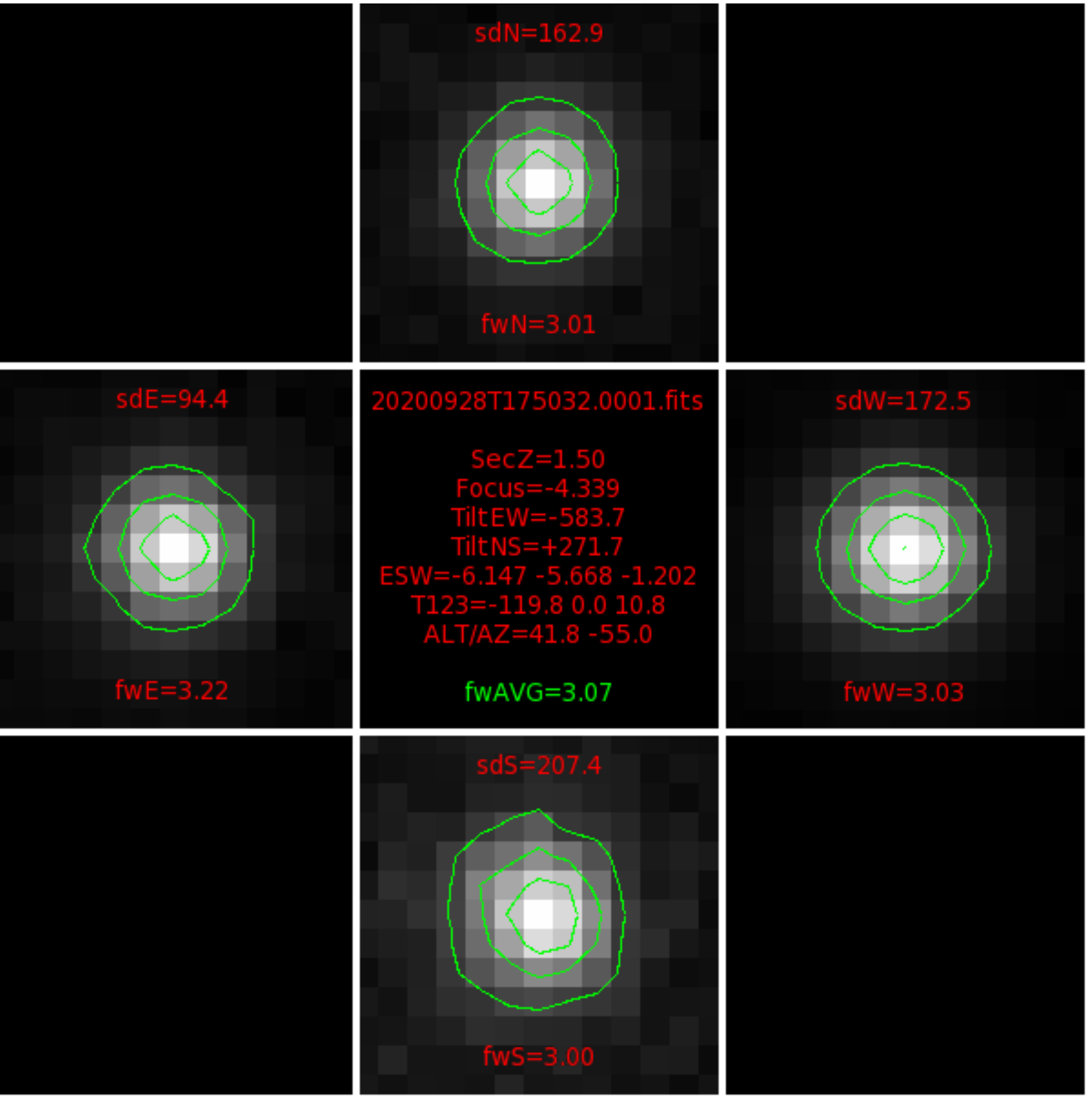

sdN=142.4
fwN=3.14
sdE=93.4
fwE=3.20
20200928T175005.0001.fits
SecZ=1.50
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 8.5 10.7
ALT/AZ=41.9 -55.0
fwAVG=3.13
sdW=148.0
fwW=2.93
sdS=170.4
fwS=3.27
0 0 0 0 0 0 0 0 0


sdN=162.9
fwN=3.01
sdE=94.4
fwE=3.22
20200928T175032.0001.fits
SecZ=1.50
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 0.0 10.8
ALT/AZ=41.8 -55.0
fwAVG=3.07
sdW=172.5
fwW=3.03
sdS=207.4
fwS=3.00
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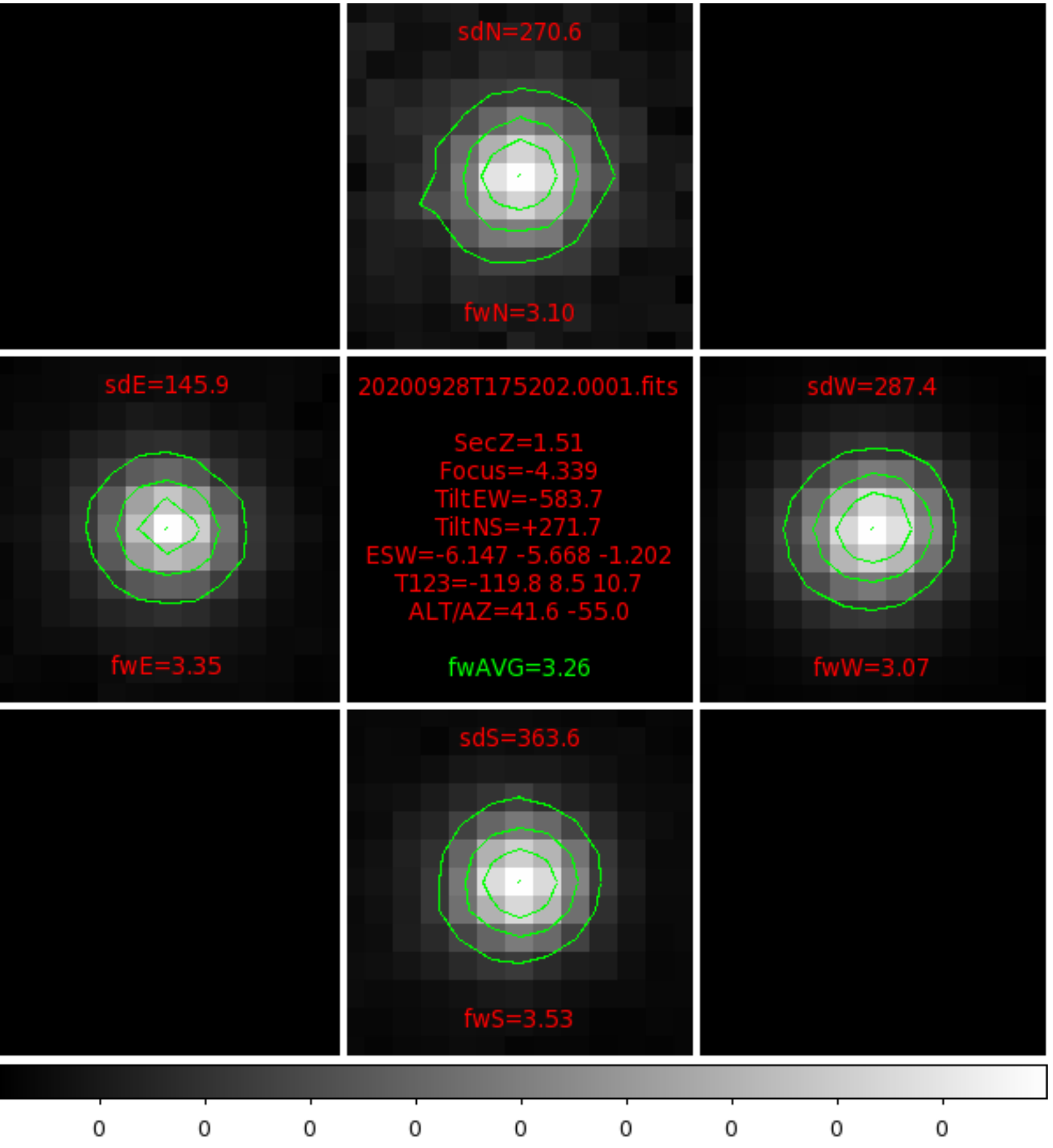
sdN=270.6
fwN=3.10
sdE=145.9
fwE=3.35
20200928T175202.0001.fits
SecZ=1.51
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 8.5 10.7
ALT/AZ=41.6 -55.0
fwAVG=3.26
sdW=287.4
fwW=3.07
sdS=363.6
fwS=3.53
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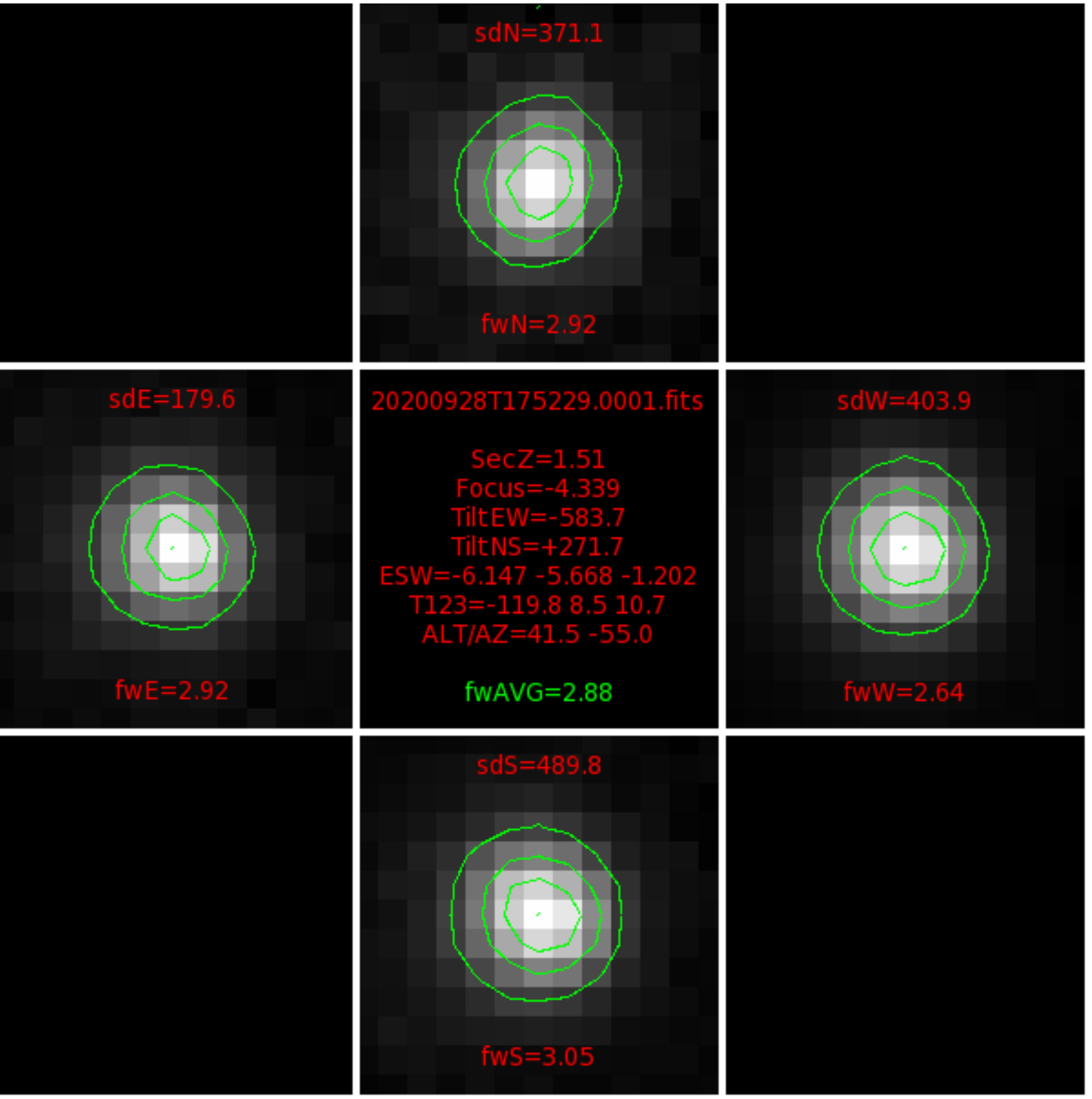
sdN=371.1
fwN=2.92
sdE=179.6
fwE=2.92
20200928T175229.0001.fits
SecZ=1.51
Focus=-4.339
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.147 -5.668 -1.202
T123=-119.8 8.5 10.7
ALT/AZ=41.5 -55.0
fwAVG=2.88
sdW=403.9
fwW=2.64
sdS=489.8
fwS=3.05
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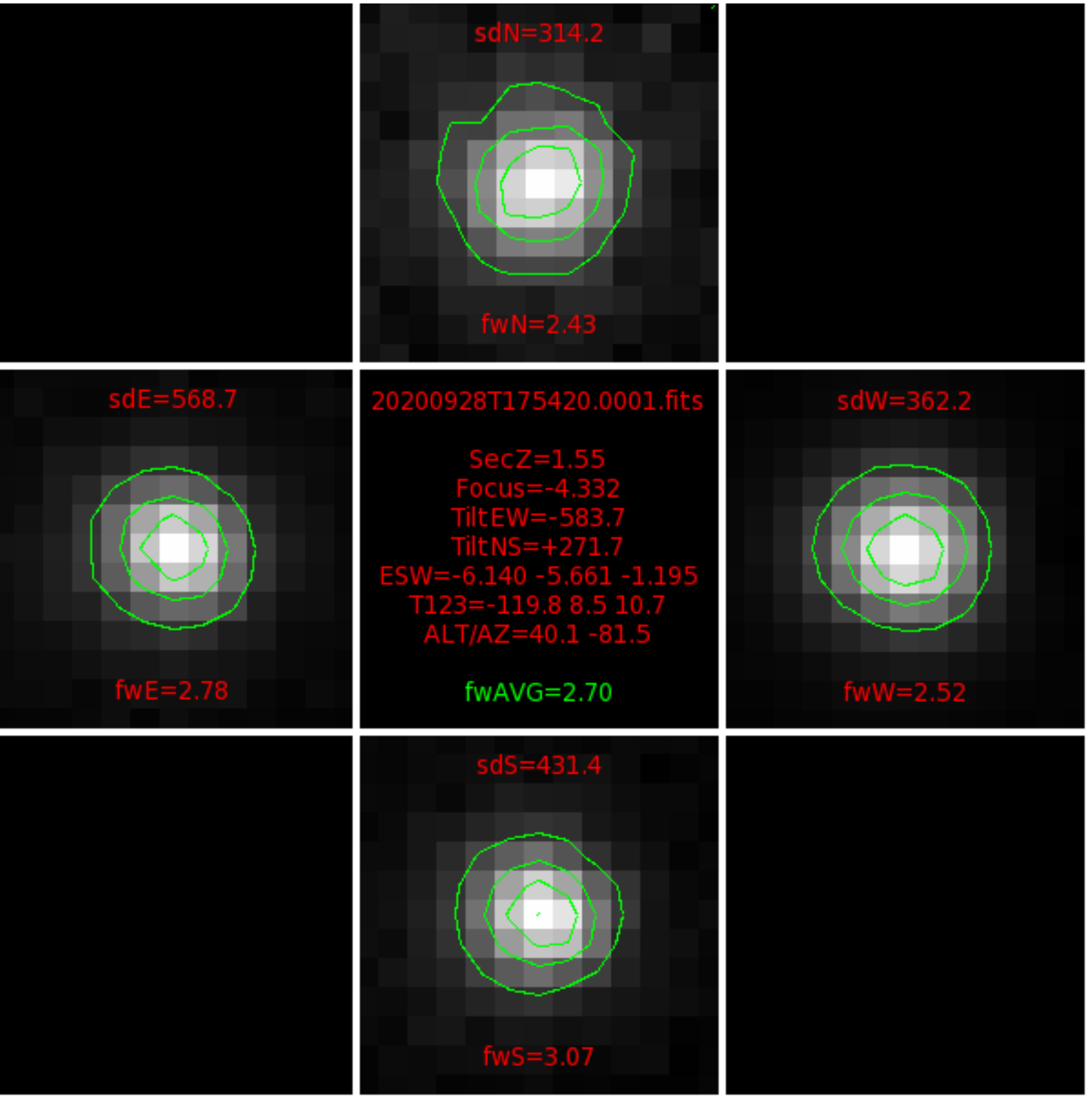
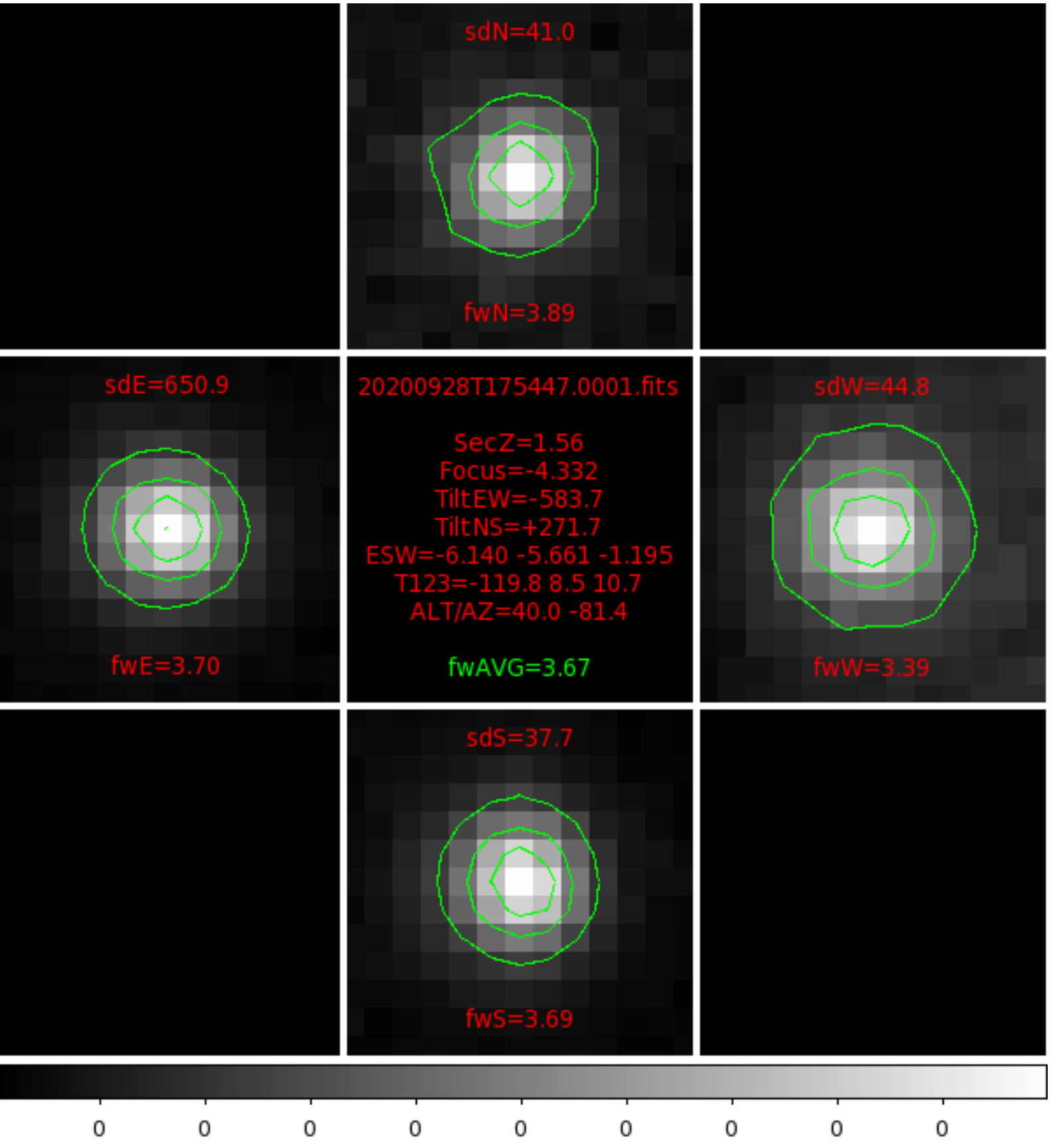

sdN=314.2
fwN=2.43
sdE=568.7
fwE=2.78
20200928T175420.0001.fits
SecZ=1.55
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-119.8 8.5 10.7
ALT/AZ=40.1 -81.5
fwAVG=2.70
sdW=362.2
fwW=2.52
sdS=431.4
fwS=3.07
0 0 0 0 0 0 0 0 0


sdN=41.0
fwN=3.89
sdE=650.9
fwE=3.70
20200928T175447.0001.fits
SecZ=1.56
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-119.8 8.5 10.7
ALT/AZ=40.0 -81.4
fwAVG=3.67
sdW=44.8
fwW=3.39
sdS=37.7
fwS=3.69
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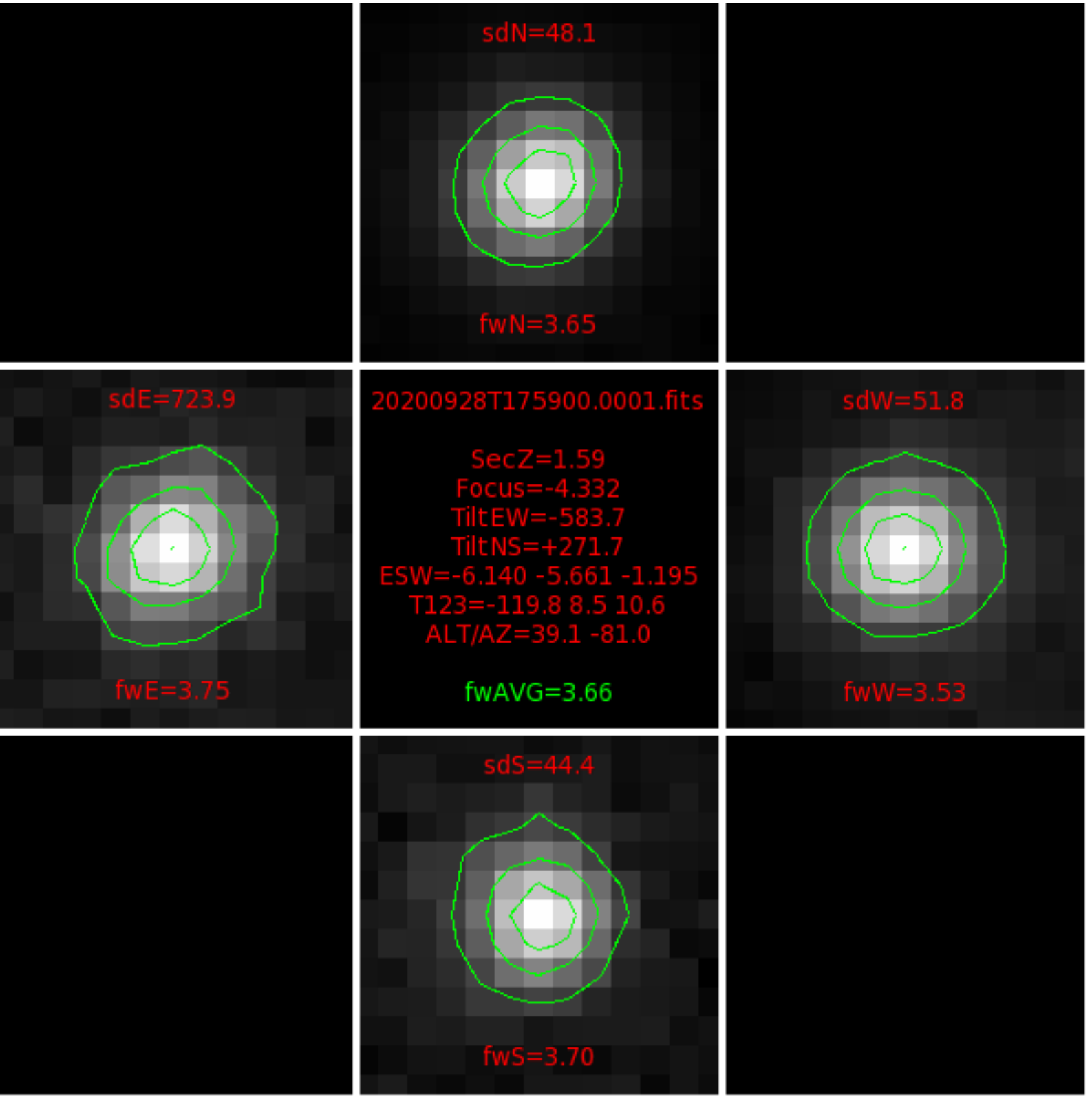
sdN=48.1
fwN=3.65
sdE=723.9
fwE=3.75
20200928T175900.0001.fits
SecZ=1.59
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-119.8 8.5 10.6
ALT/AZ=39.1 -81.0
fwAVG=3.66
sdW=51.8
fwW=3.53
sdS=44.4
fwS=3.70
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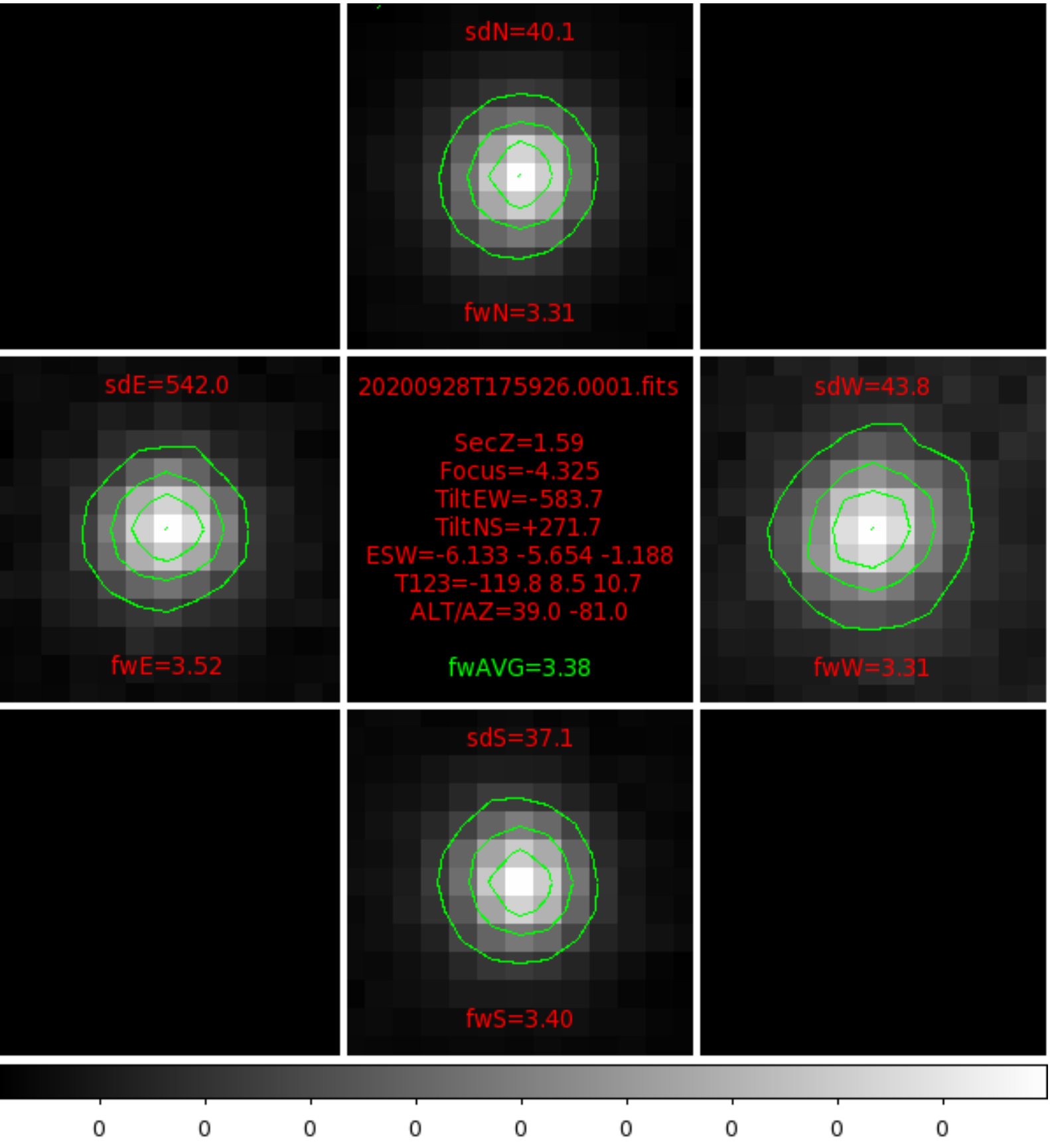
sdN=40.1
fwN=3.31
sdE=542.0
fwE=3.52
20200928T175926.0001.fits
SecZ=1.59
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-119.8 8.5 10.7
ALT/AZ=39.0 -81.0
fwAVG=3.38
sdW=43.8
fwW=3.31
sdS=37.1
fwS=3.40
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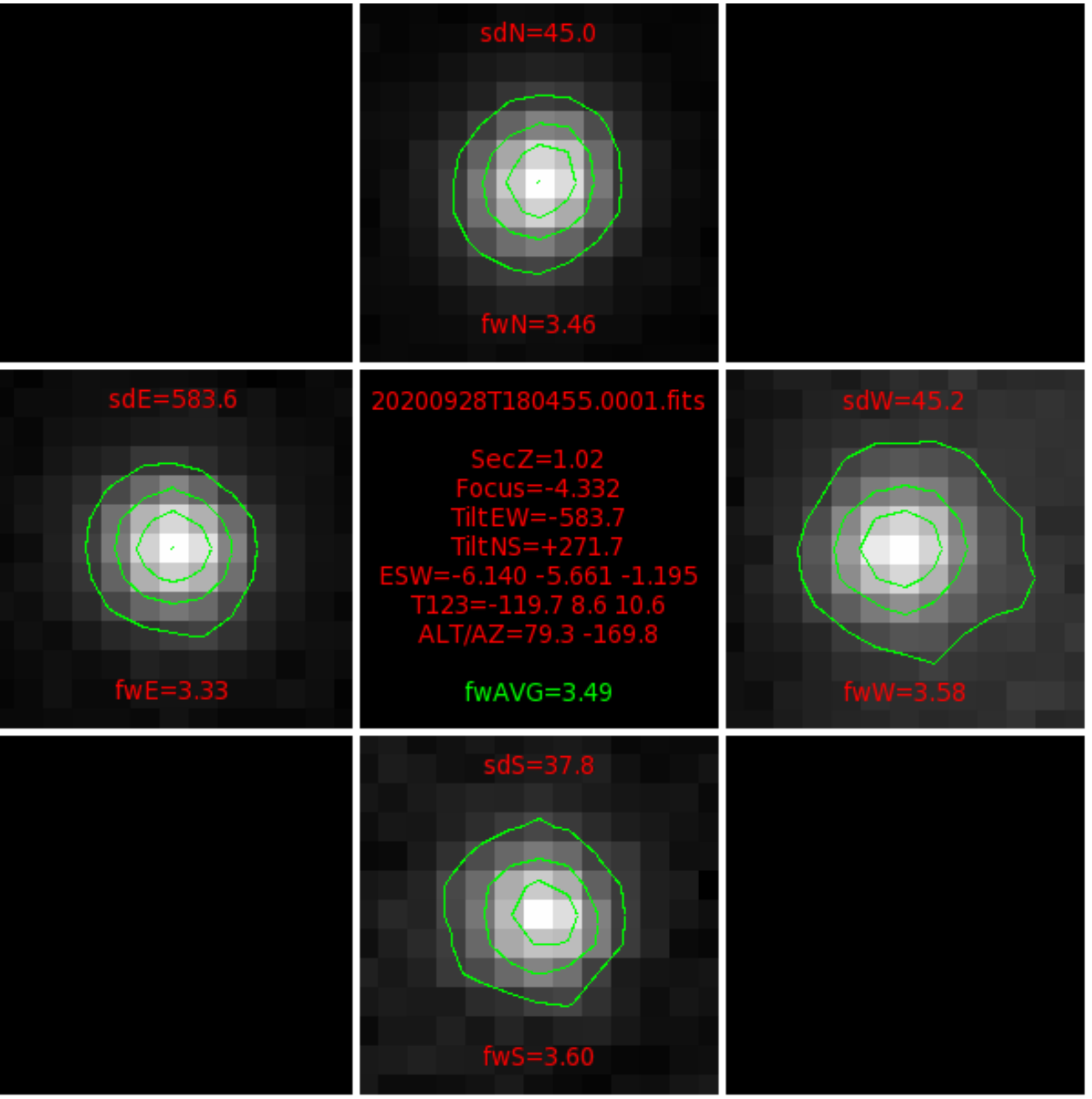
sdN=45.0
fwN=3.46
sdE=583.6
fwE=3.33
20200928T180455.0001.fits
SecZ=1.02
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-119.7 8.6 10.6
ALT/AZ=79.3 -169.8
fwAVG=3.49
sdW=45.2
fwW=3.58
sdS=37.8
fwS=3.60
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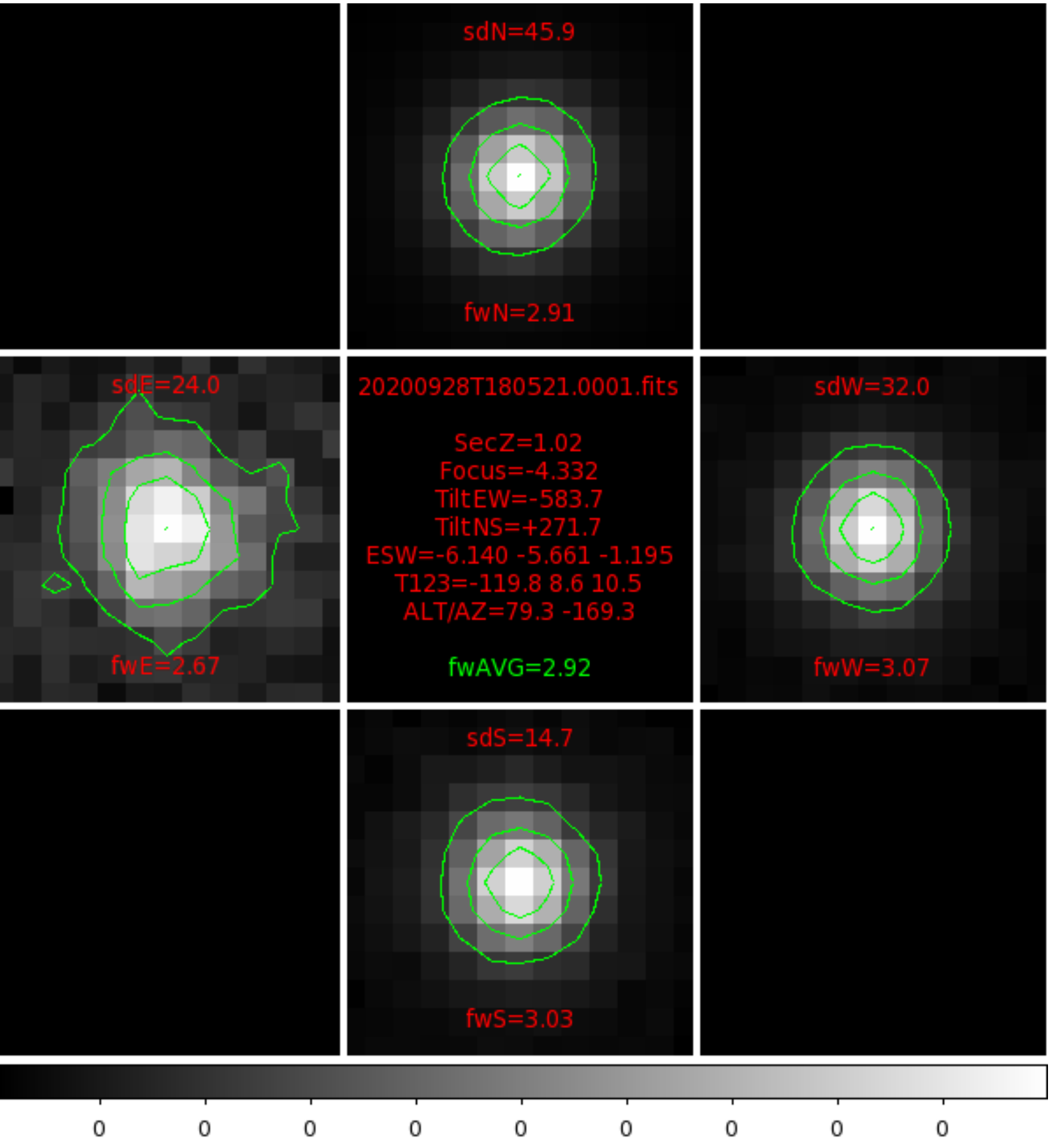
sdN=45.9
fwN=2.91
sdE=24.0
fwE=2.67
20200928T180521.0001.fits
SecZ=1.02
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-119.8 8.6 10.5
ALT/AZ=79.3 -169.3
fwAVG=2.92
sdW=32.0
fwW=3.07
sdS=14.7
fwS=3.03
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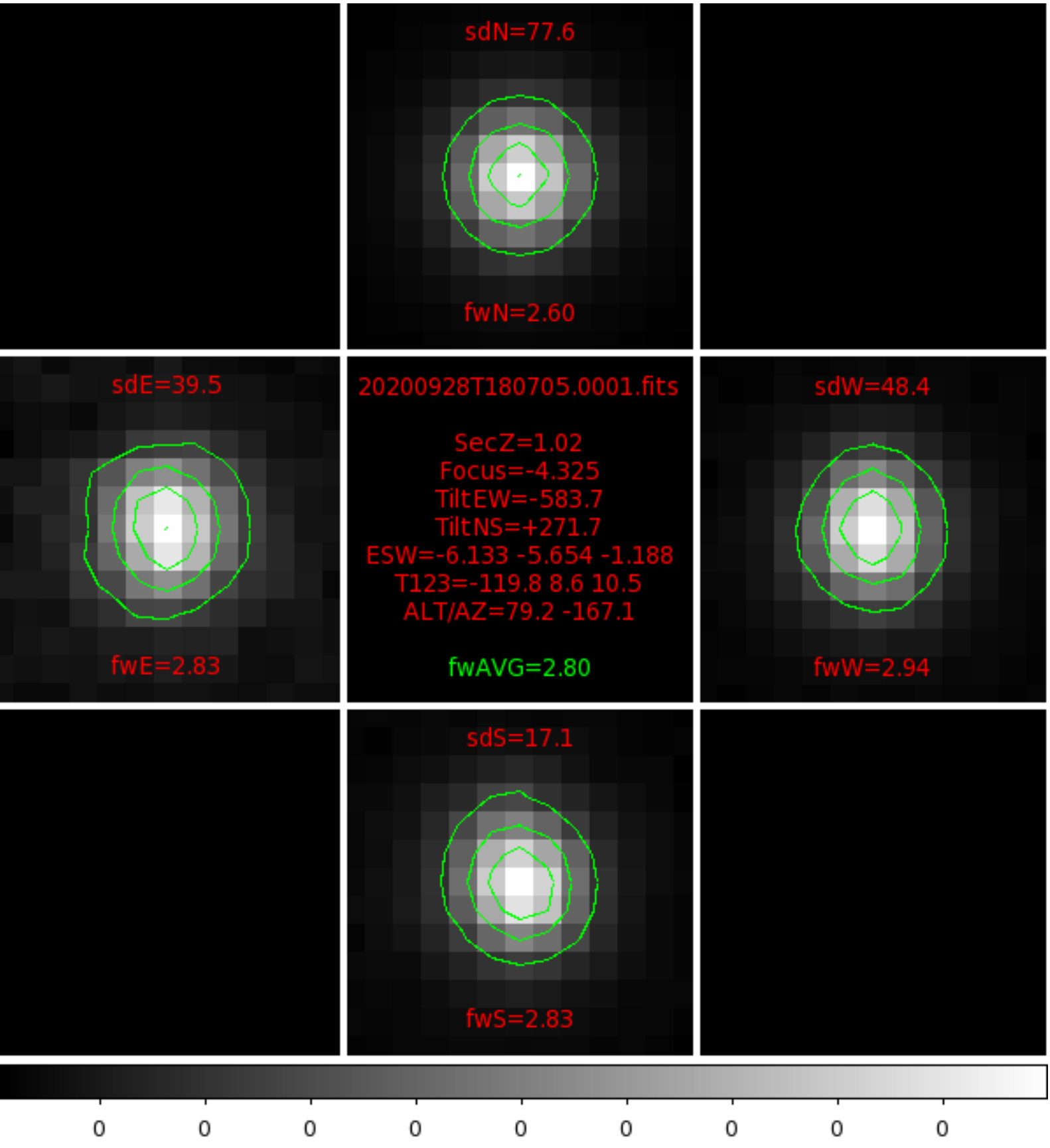
sdN=77.6
fwN=2.60
sdE=39.5
fwE=2.83
20200928T180705.0001.fits
SecZ=1.02
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-119.8 8.6 10.5
ALT/AZ=79.2 -167.1
fwAVG=2.80
sdW=48.4
fwW=2.94
sdS=17.1
fwS=2.83
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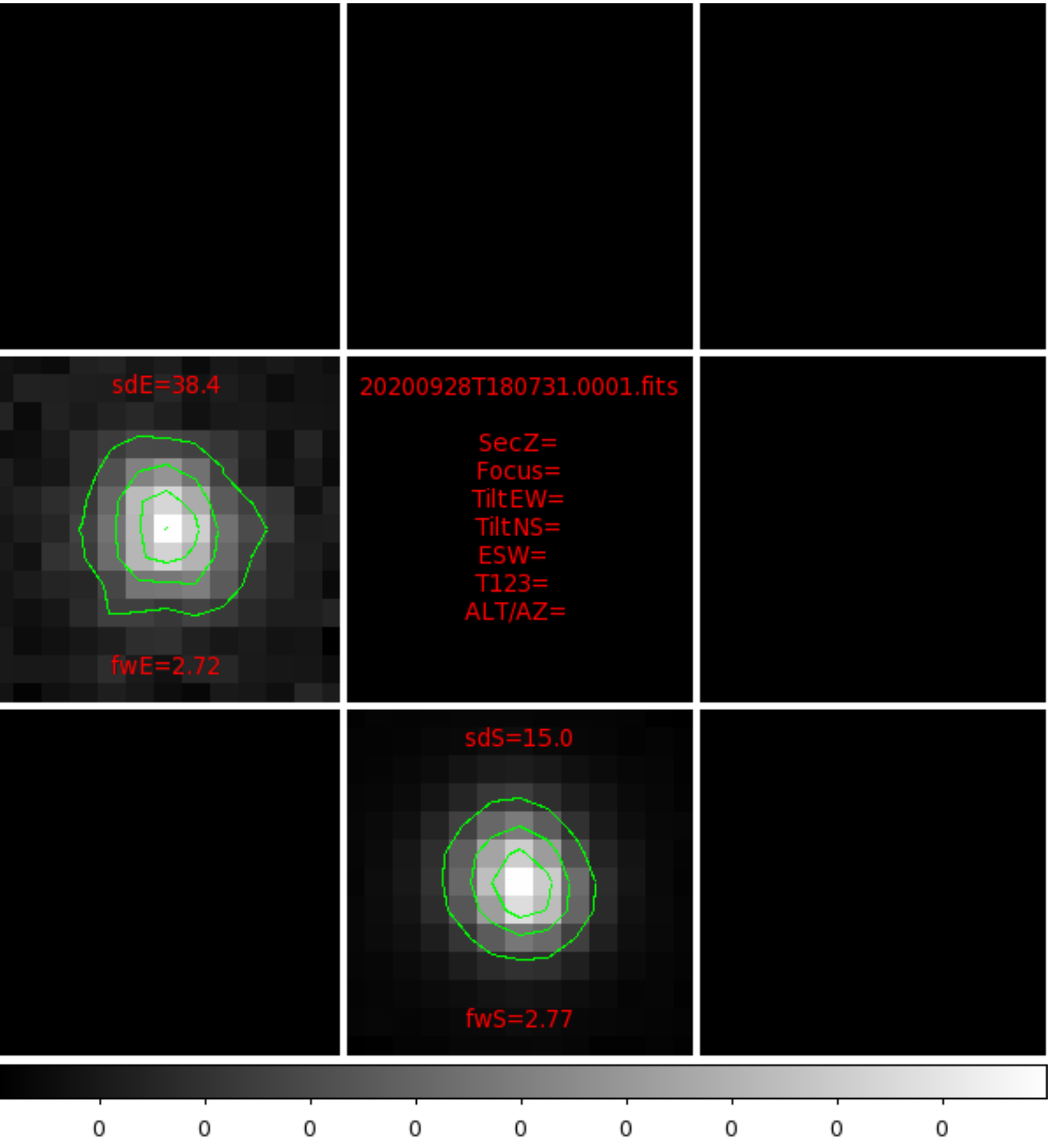
sdE=38.4
20200928T180731.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=2.72
sdS=15.0
fwS=2.77
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0
0
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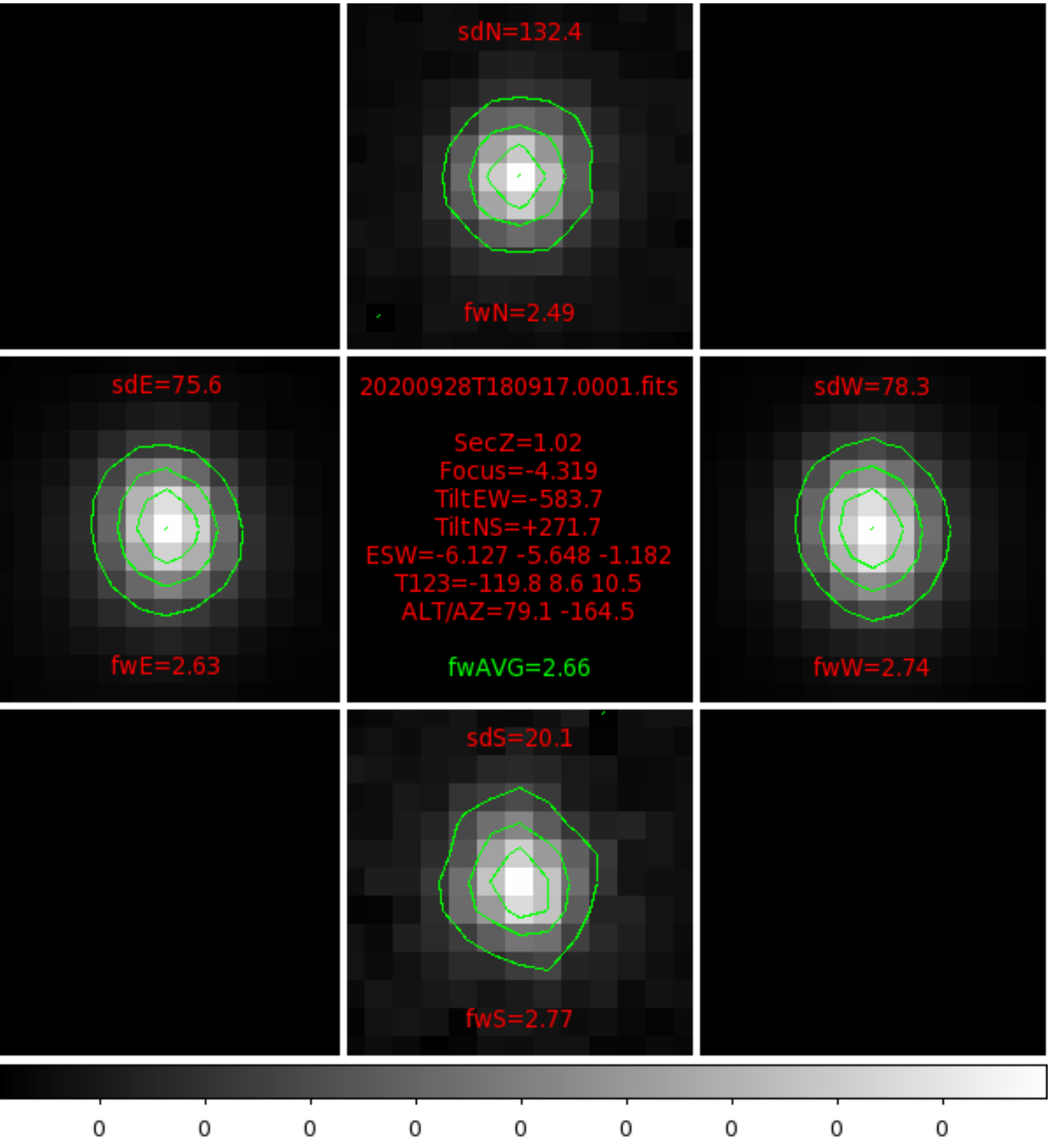
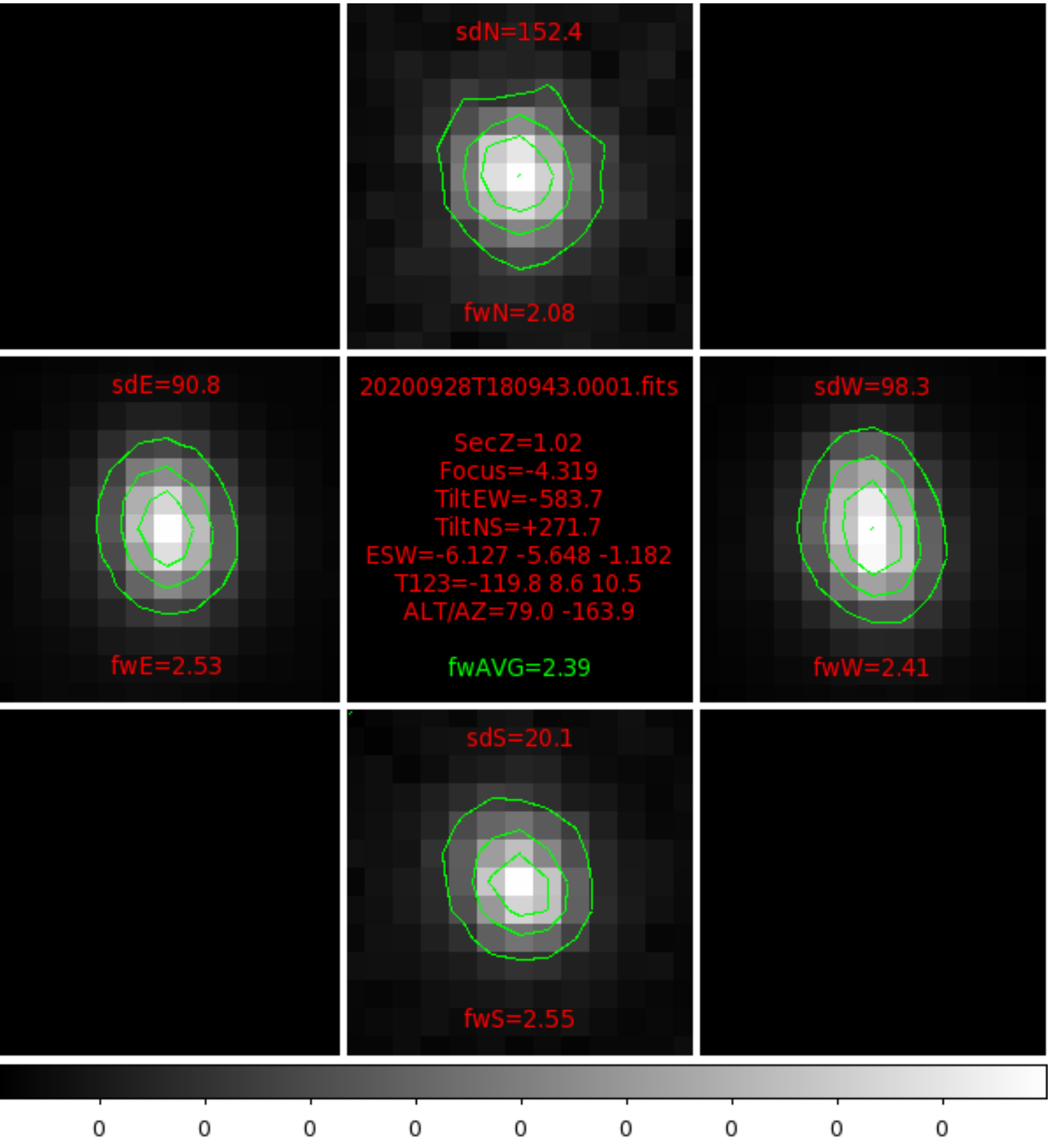
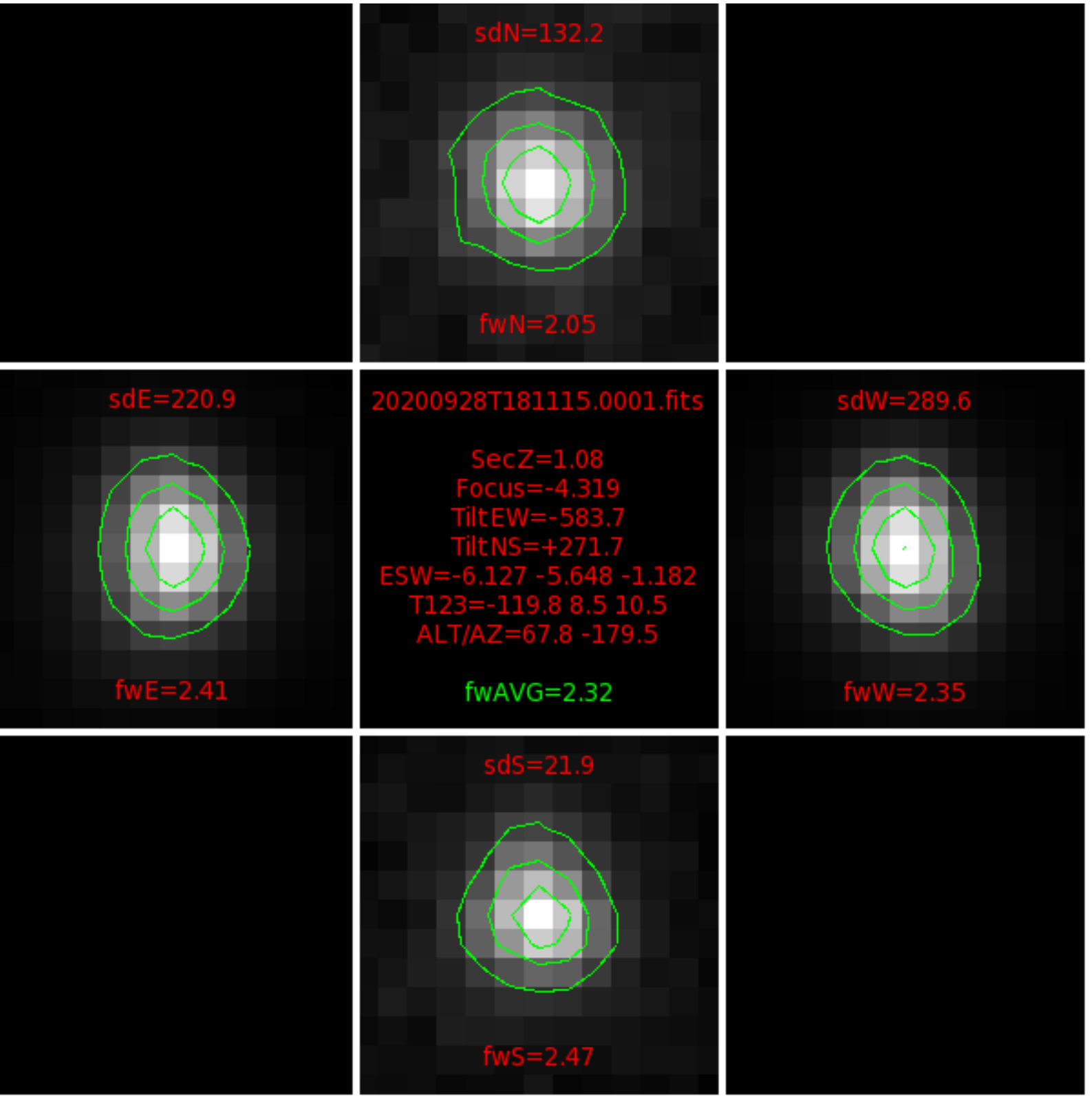
0
0
0
0


sdN=132.4
fwN=2.49
sdE=75.6
fwE=2.63
20200928T180917.0001.fits
SecZ=1.02
Focus=-4.319
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.127 -5.648 -1.182
T123=-119.8 8.6 10.5
ALT/AZ=79.1 -164.5
fwAVG=2.66
sdW=78.3
fwW=2.74
sdS=20.1
fwS=2.77
0 0 0 0 0 0 0 0 0


sdN=152.4
fwN=2.08
sdE=90.8
fwE=2.53
20200928T180943.0001.fits
SecZ=1.02
Focus=-4.319
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.127 -5.648 -1.182
T123=-119.8 8.6 10.5
ALT/AZ=79.0 -163.9
fwAVG=2.39
sdW=98.3
fwW=2.41
sdS=20.1
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=132.2
fwN=2.05
sdE=220.9
fwE=2.41
20200928T181115.0001.fits
SecZ=1.08
Focus=-4.319
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.127 -5.648 -1.182
T123=-119.8 8.5 10.5
ALT/AZ=67.8 -179.5
fwAVG=2.32
sdW=289.6
fwW=2.35
sdS=21.9
fwS=2.47
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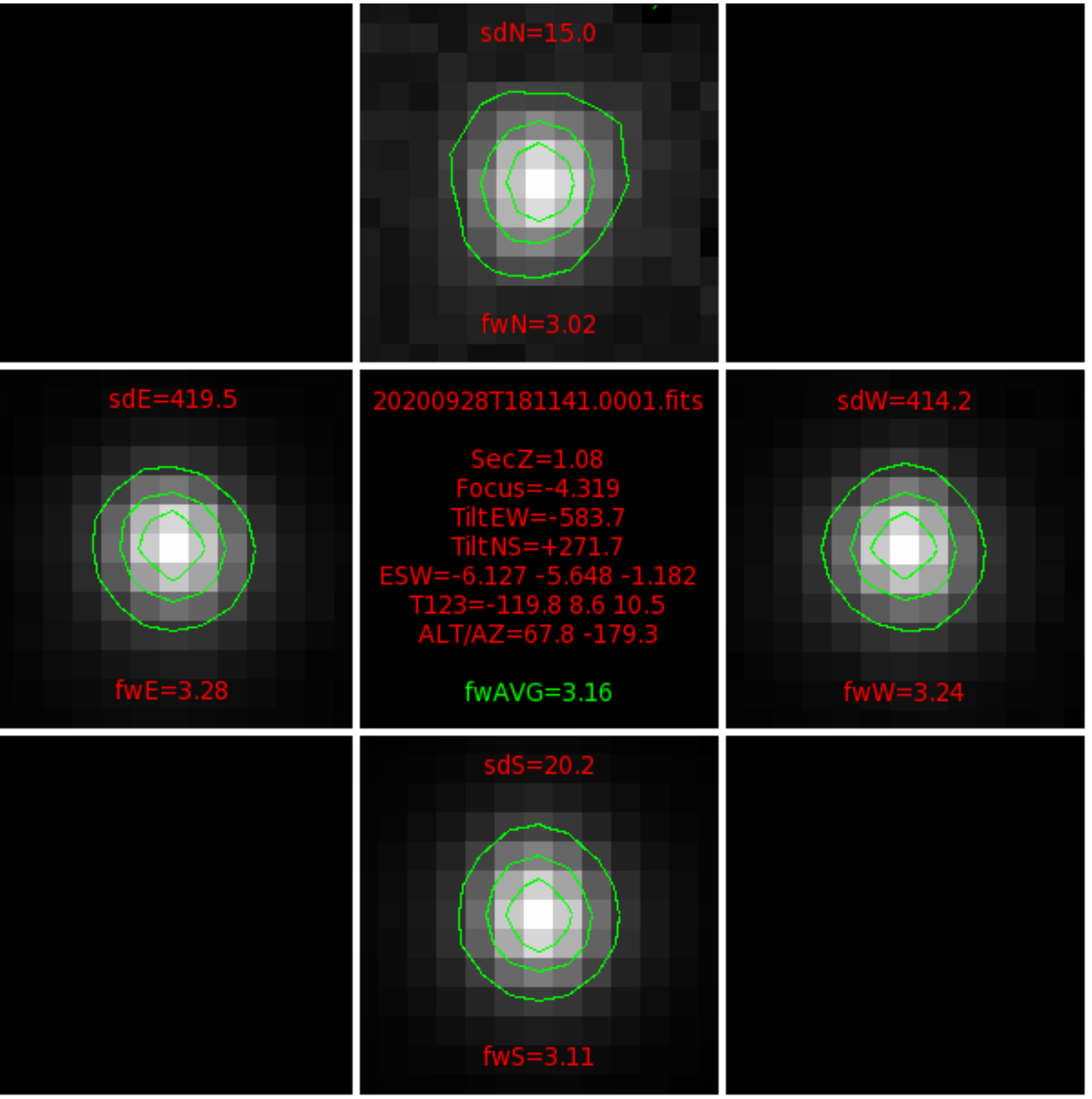
sdN=15.0
fwN=3.02
sdE=419.5
fwE=3.28
20200928T181141.0001.fits
SecZ=1.08
Focus=-4.319
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.127 -5.648 -1.182
T123=-119.8 8.6 10.5
ALT/AZ=67.8 -179.3
fwAVG=3.16
sdW=414.2
fwW=3.24
sdS=20.2
fwS=3.11
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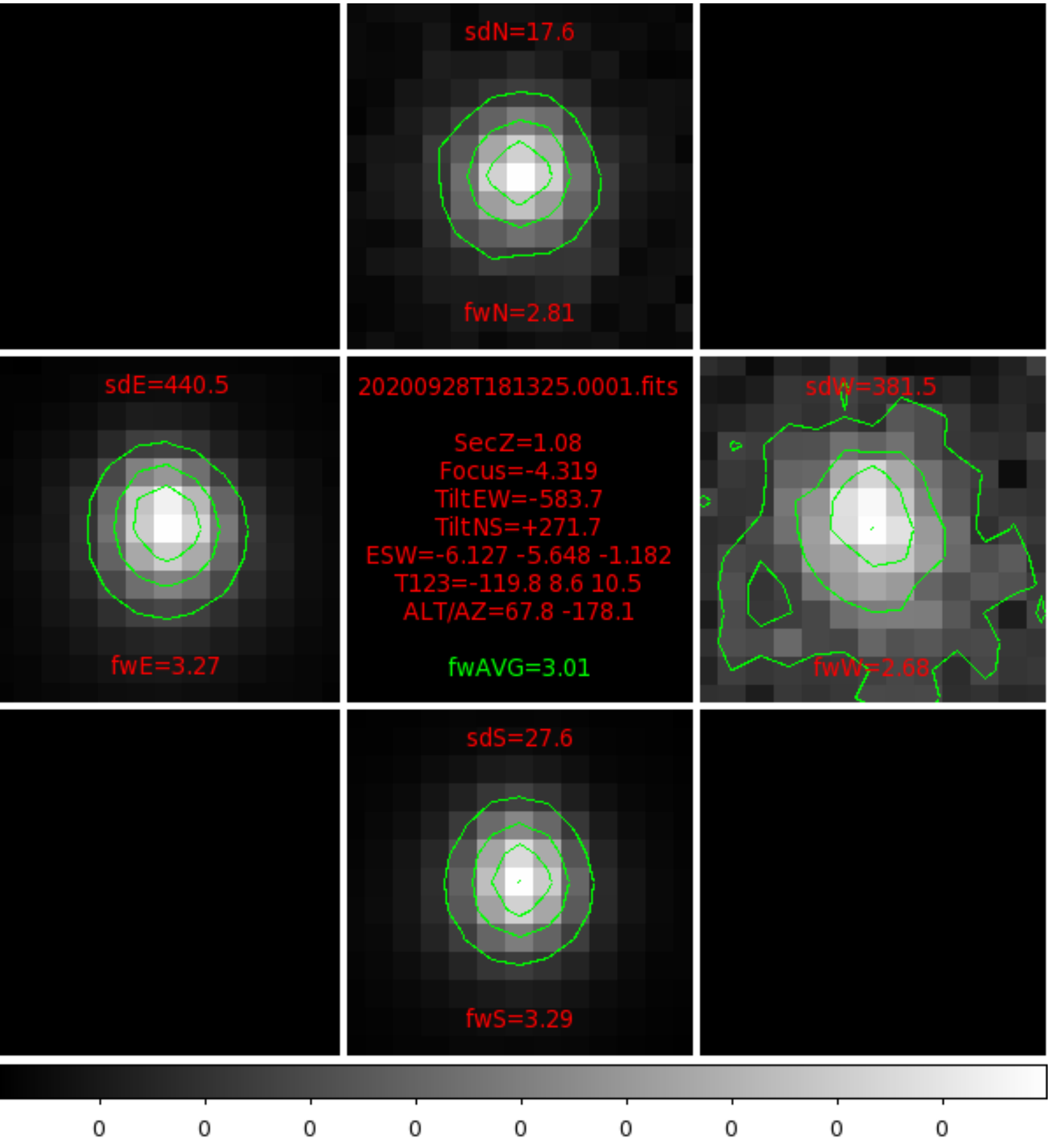
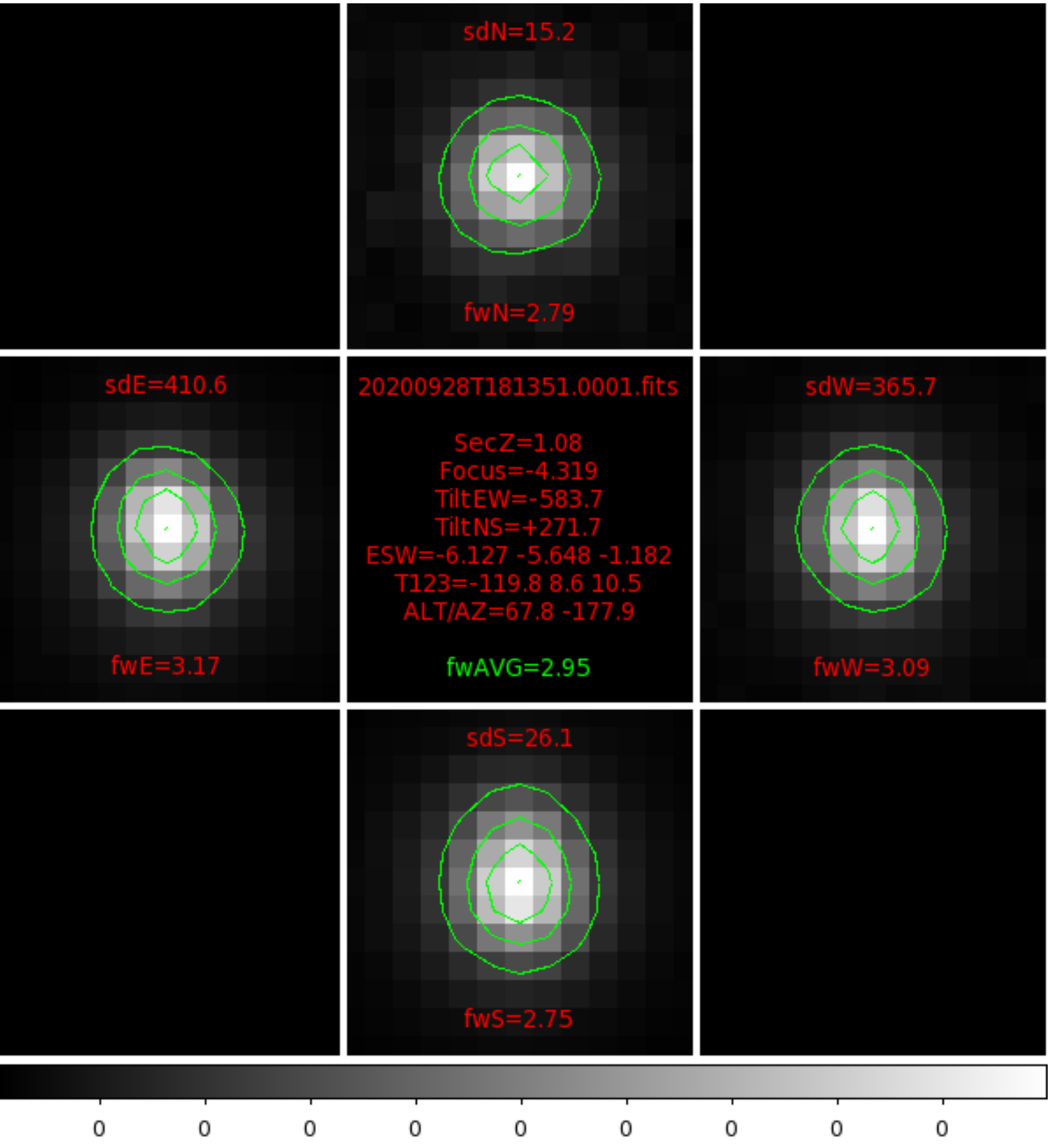

sdN=17.6
fwN=2.81
sdE=440.5
fwE=3.27
20200928T181325.0001.fits
SecZ=1.08
Focus=-4.319
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.127 -5.648 -1.182
T123=-119.8 8.6 10.5
ALT/AZ=67.8 -178.1
fwAVG=3.01
sdW=381.5
fwW=2.68
sdS=27.6
fwS=3.29
0 0 0 0 0 0 0 0 0


sdN=15.2
fwN=2.79
sdE=410.6
fwE=3.17
20200928T181351.0001.fits
SecZ=1.08
Focus=-4.319
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.127 -5.648 -1.182
T123=-119.8 8.6 10.5
ALT/AZ=67.8 -177.9
fwAVG=2.95
sdW=365.7
fwW=3.09
sdS=26.1
fwS=2.75
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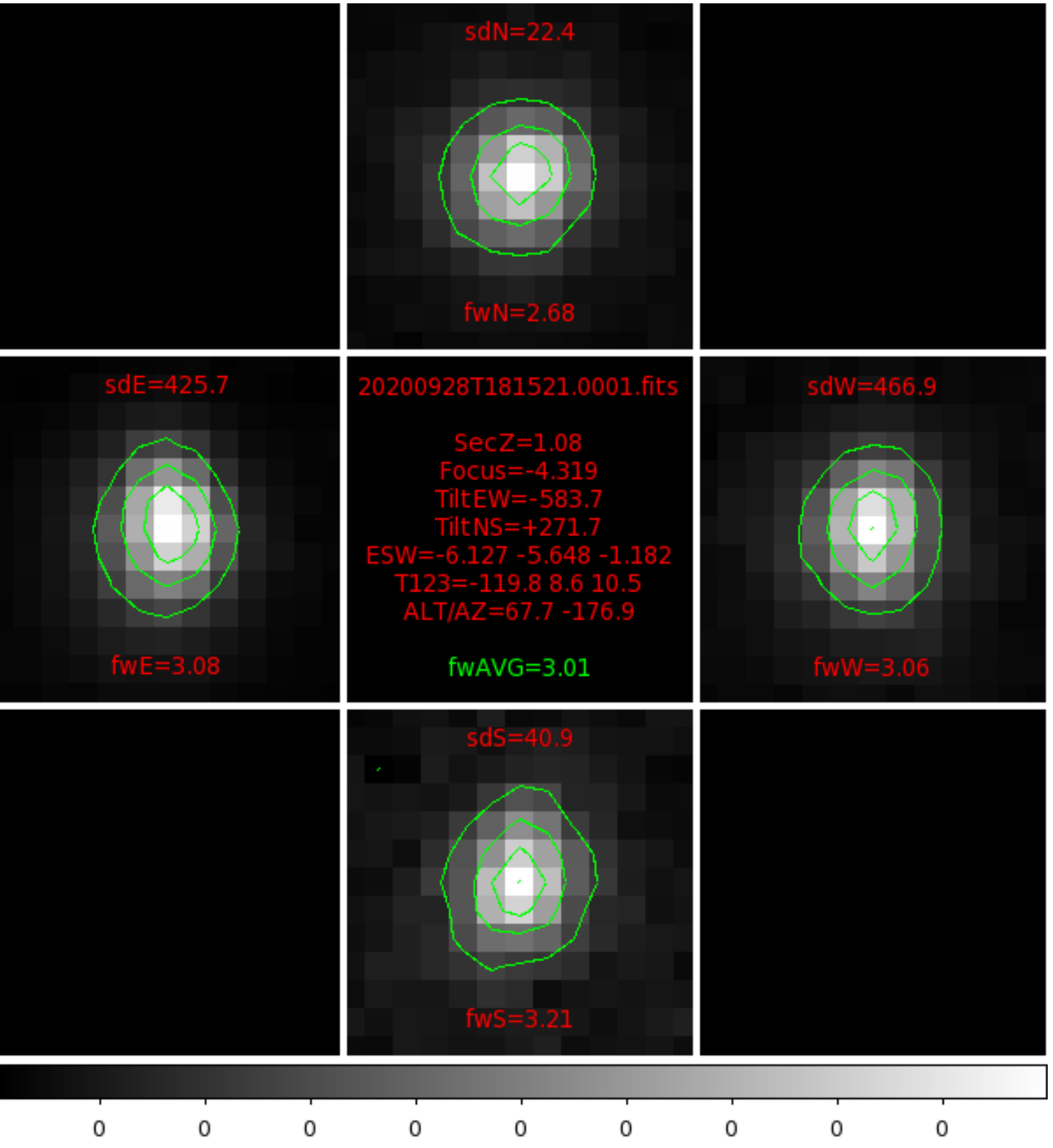
sdN=22.4
fwN=2.68
sdE=425.7
fwE=3.08
20200928T181521.0001.fits
SecZ=1.08
Focus=-4.319
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.127 -5.648 -1.182
T123=-119.8 8.6 10.5
ALT/AZ=67.7 -176.9
fwAVG=3.01
sdW=466.9
fwW=3.06
sdS=40.9
fwS=3.21
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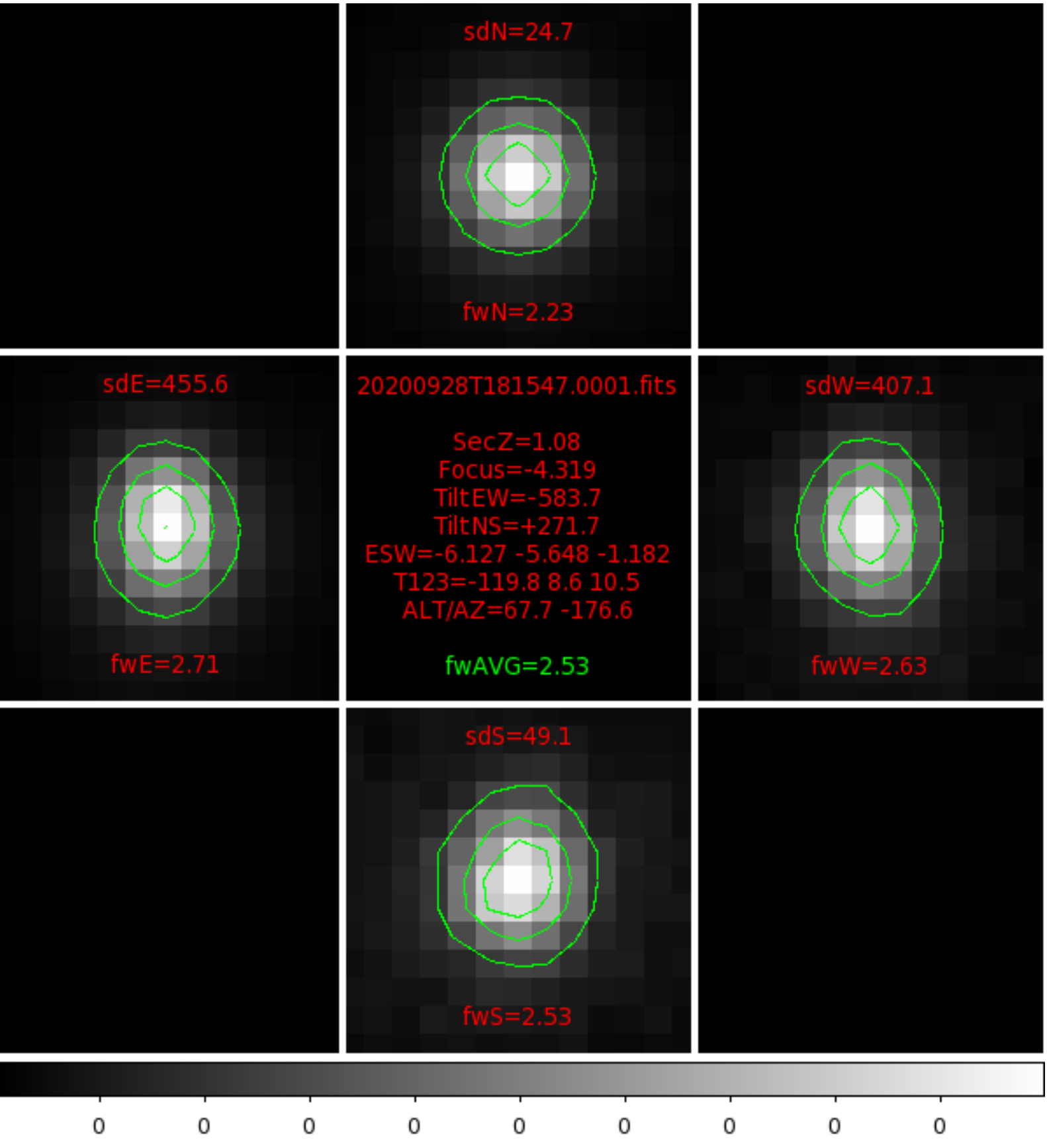
sdN=24.7
fwN=2.23
sdE=455.6
fwE=2.71
20200928T181547.0001.fits
SecZ=1.08
Focus=-4.319
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.127 -5.648 -1.182
T123=-119.8 8.6 10.5
ALT/AZ=67.7 -176.6
fwAVG=2.53
sdW=407.1
fwW=2.63
sdS=49.1
fwS=2.53
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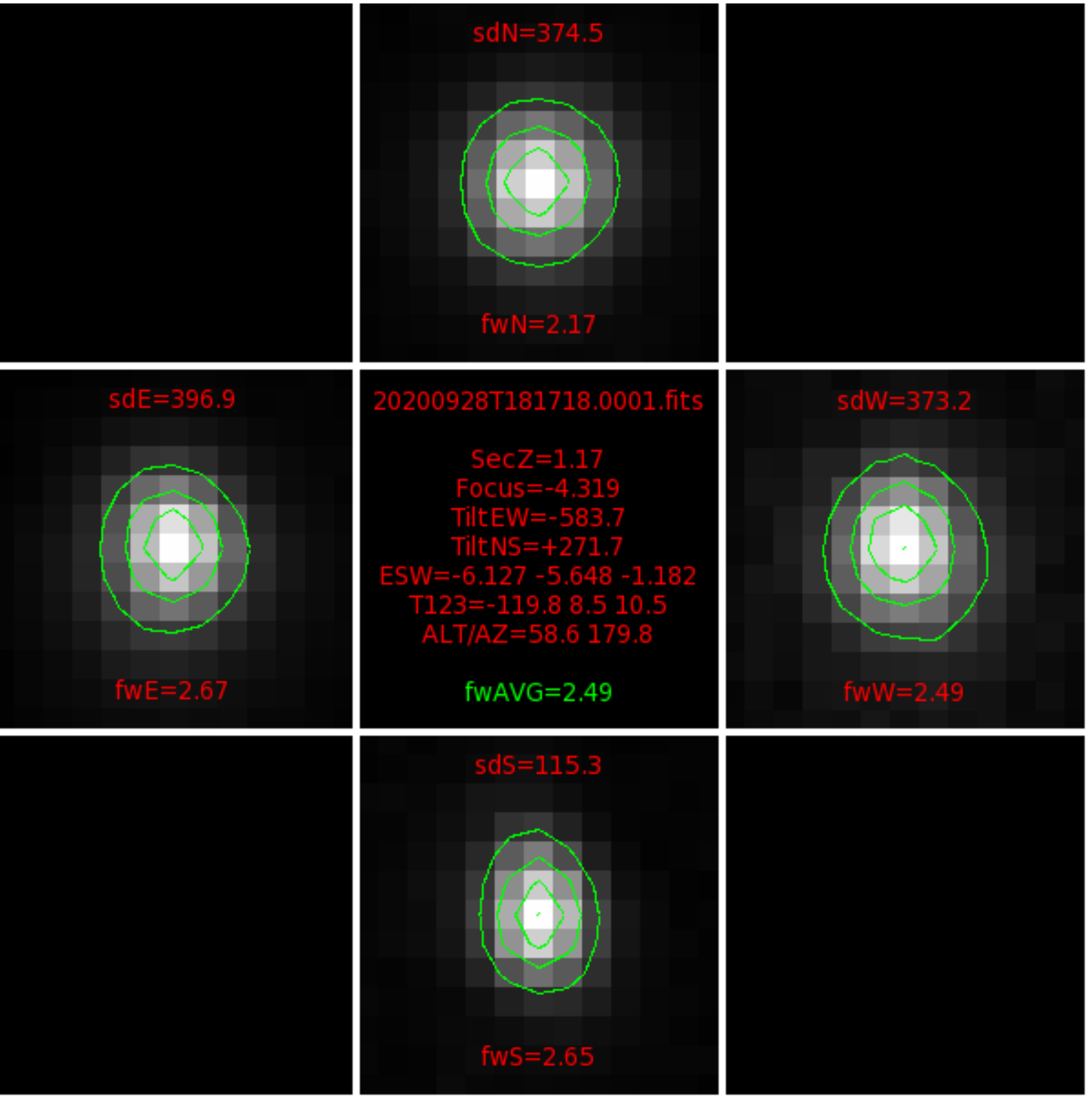
sdN=374.5
fwN=2.17
sdE=396.9
fwE=2.67
20200928T181718.0001.fits
SecZ=1.17
Focus=-4.319
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.127 -5.648 -1.182
T123=-119.8 8.5 10.5
ALT/AZ=58.6 179.8
fwAVG=2.49
sdW=373.2
fwW=2.49
sdS=115.3
fwS=2.65
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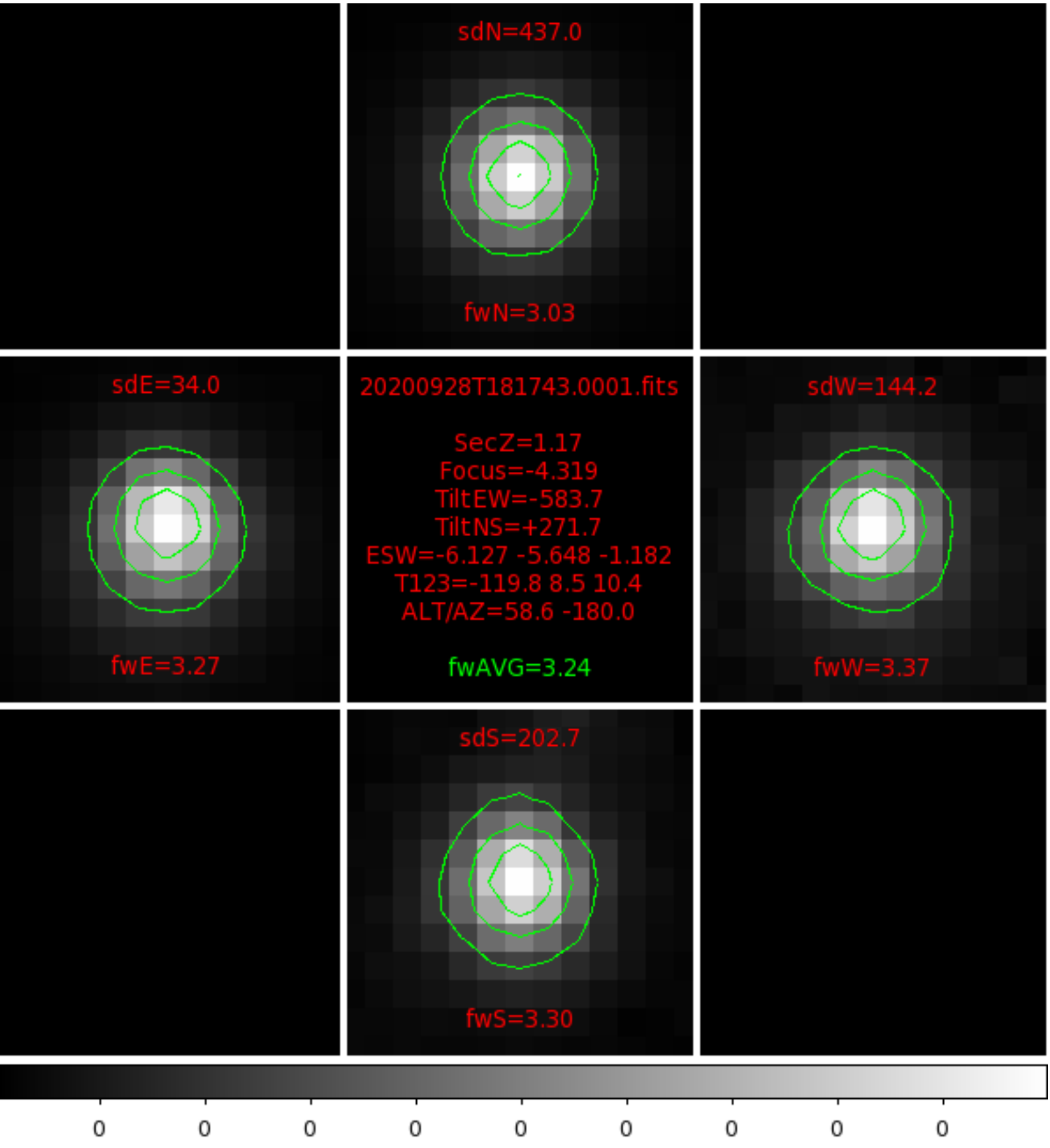
sdN=437.0
fwN=3.03
sdE=34.0
fwE=3.27
20200928T181743.0001.fits
SecZ=1.17
Focus=-4.319
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.127 -5.648 -1.182
T123=-119.8 8.5 10.4
ALT/AZ=58.6 -180.0
fwAVG=3.24
sdW=144.2
fwW=3.37
sdS=202.7
fwS=3.30
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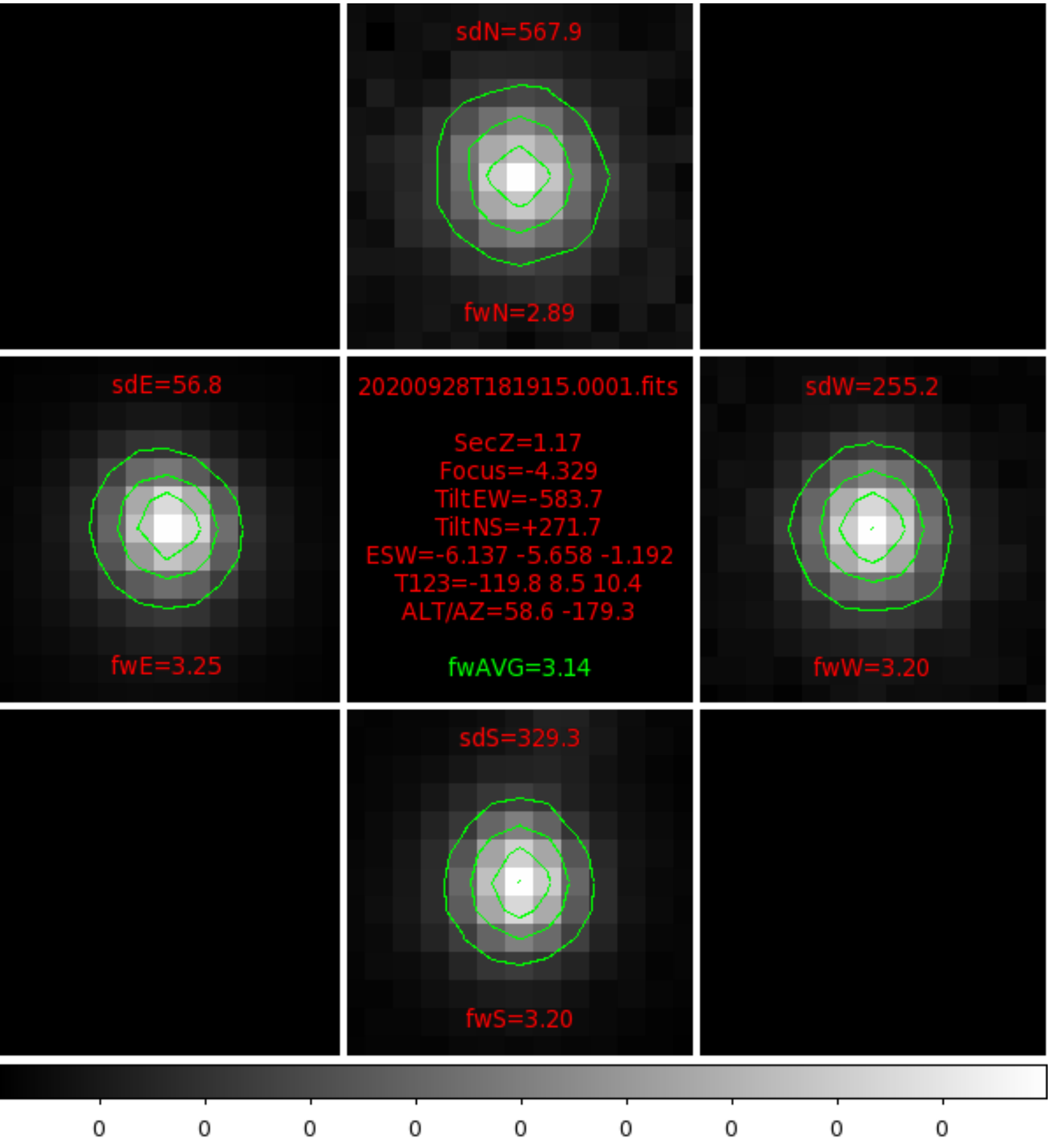
sdN=567.9
fwN=2.89
sdE=56.8
fwE=3.25
20200928T181915.0001.fits
SecZ=1.17
Focus=-4.329
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.137 -5.658 -1.192
T123=-119.8 8.5 10.4
ALT/AZ=58.6 -179.3
fwAVG=3.14
sdW=255.2
fwW=3.20
sdS=329.3
fwS=3.20
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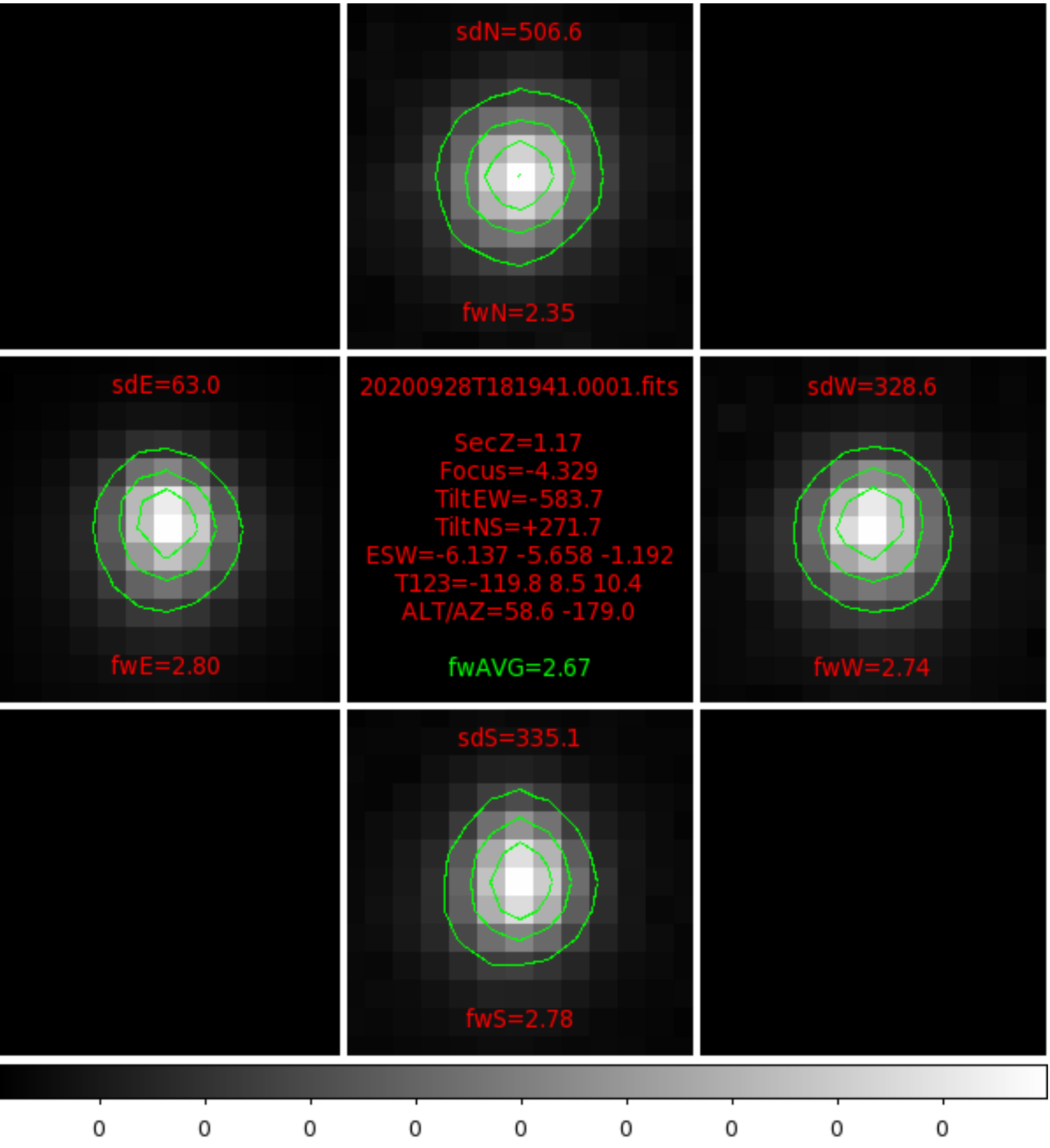
sdN=506.6
fwN=2.35
sdE=63.0
fwE=2.80
20200928T181941.0001.fits
SecZ=1.17
Focus=-4.329
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.137 -5.658 -1.192
T123=-119.8 8.5 10.4
ALT/AZ=58.6 -179.0
fwAVG=2.67
sdW=328.6
fwW=2.74
sdS=335.1
fwS=2.78
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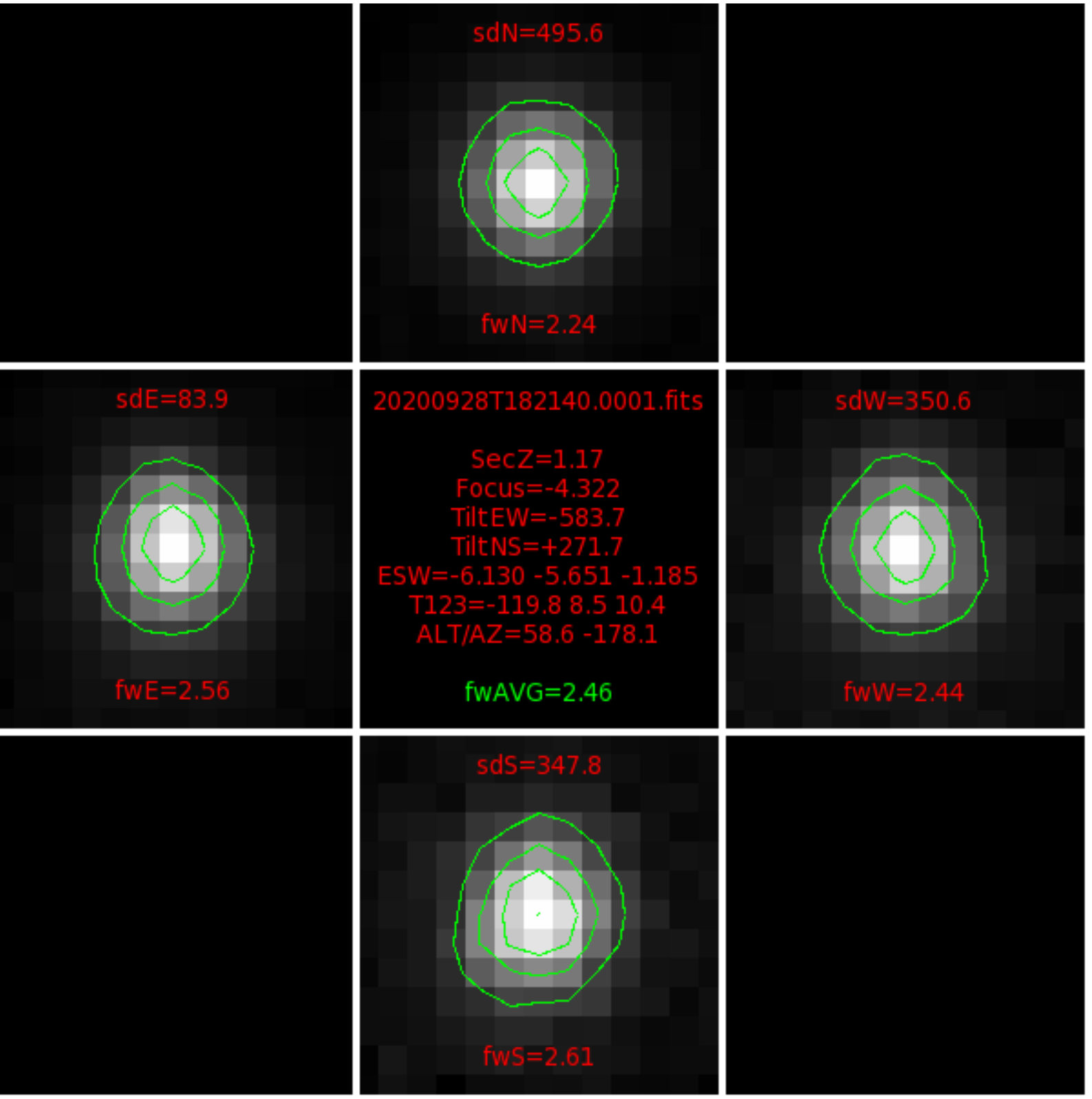
sdN=495.6
fwN=2.24
sdE=83.9
fwE=2.56
20200928T182140.0001.fits
SecZ=1.17
Focus=-4.322
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.130 -5.651 -1.185
T123=-119.8 8.5 10.4
ALT/AZ=58.6 -178.1
fwAVG=2.46
sdW=350.6
fwW=2.44
sdS=347.8
fwS=2.61
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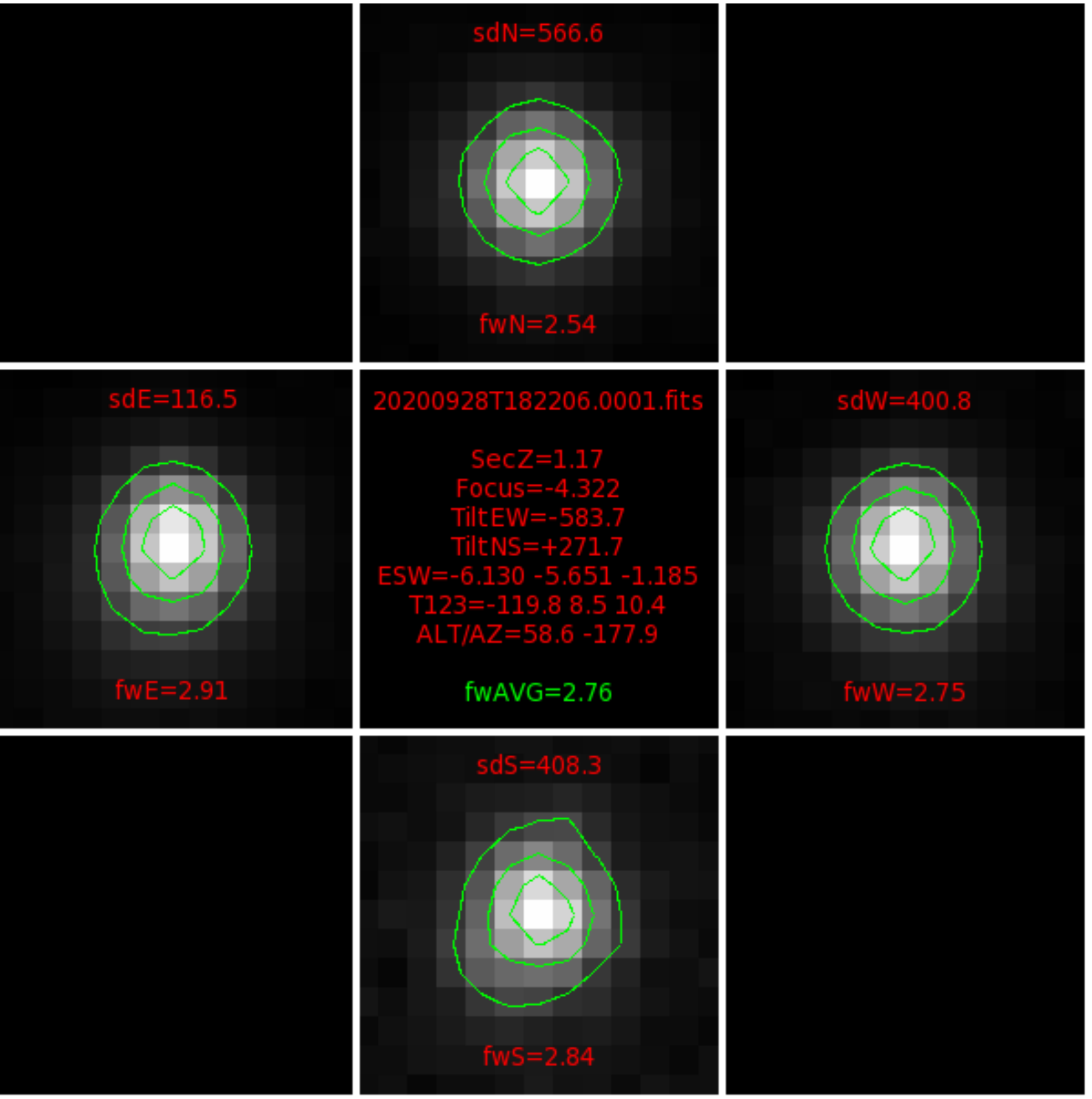
sdN=566.6
fwN=2.54
sdE=116.5
fwE=2.91
20200928T182206.0001.fits
SecZ=1.17
Focus=-4.322
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.130 -5.651 -1.185
T123=-119.8 8.5 10.4
ALT/AZ=58.6 -177.9
fwAVG=2.76
sdW=400.8
fwW=2.75
sdS=408.3
fwS=2.84
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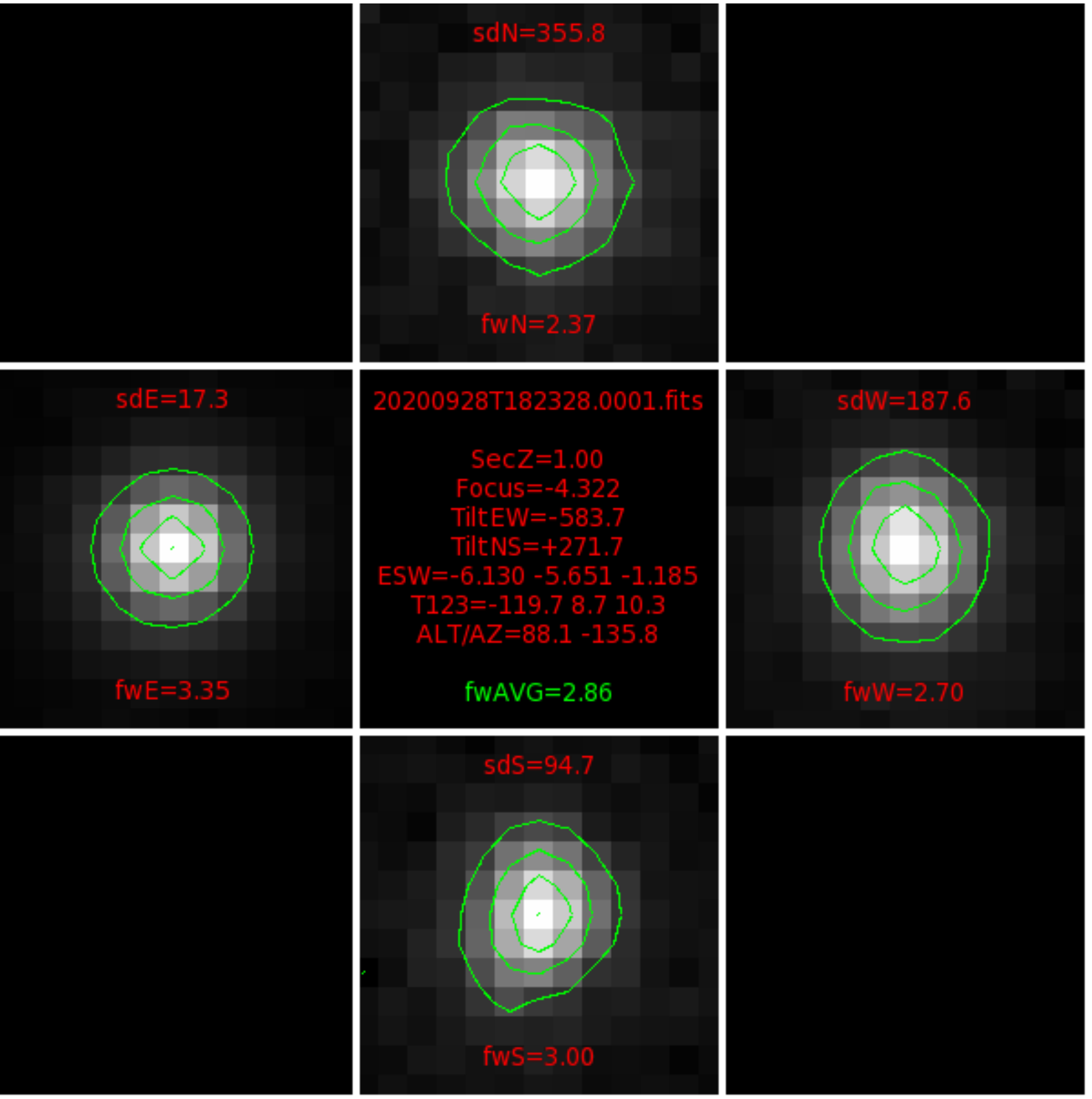
sdN=355.8
fwN=2.37
sdE=17.3
fwE=3.35
20200928T182328.0001.fits
SecZ=1.00
Focus=-4.322
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.130 -5.651 -1.185
T123=-119.7 8.7 10.3
ALT/AZ=88.1 -135.8
fwAVG=2.86
sdW=187.6
fwW=2.70
sdS=94.7
fwS=3.00
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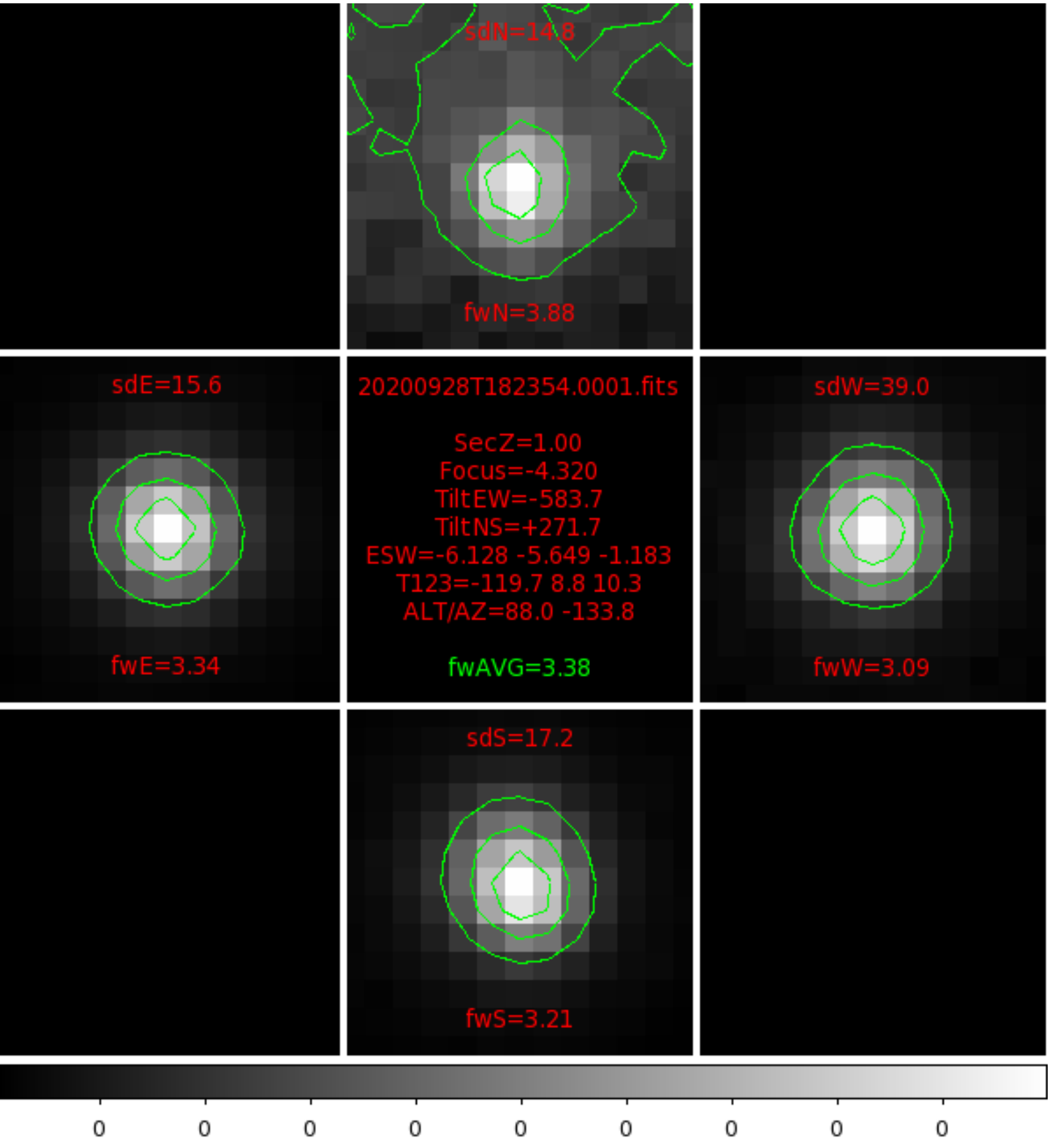
sdN=14.8
fwN=3.88
sdE=15.6
fwE=3.34
20200928T182354.0001.fits
SecZ=1.00
Focus=-4.320
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.128 -5.649 -1.183
T123=-119.7 8.8 10.3
ALT/AZ=88.0 -133.8
fwAVG=3.38
sdW=39.0
fwW=3.09
sdS=17.2
fwS=3.21
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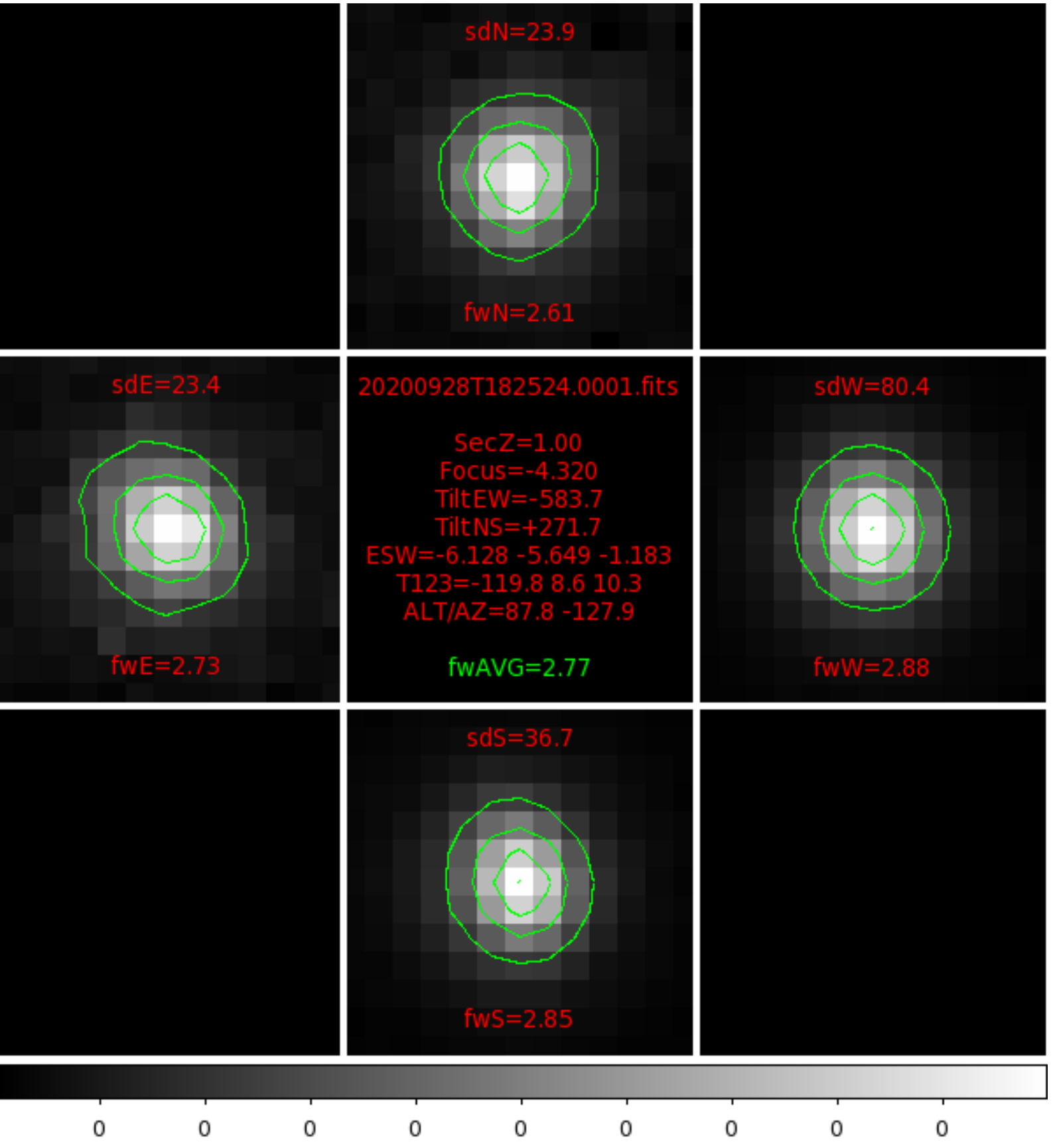
sdN=23.9
fwN=2.61
sdE=23.4
fwE=2.73
20200928T182524.0001.fits
SecZ=1.00
Focus=-4.320
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.128 -5.649 -1.183
T123=-119.8 8.6 10.3
ALT/AZ=87.8 -127.9
fwAVG=2.77
sdW=80.4
fwW=2.88
sdS=36.7
fwS=2.85
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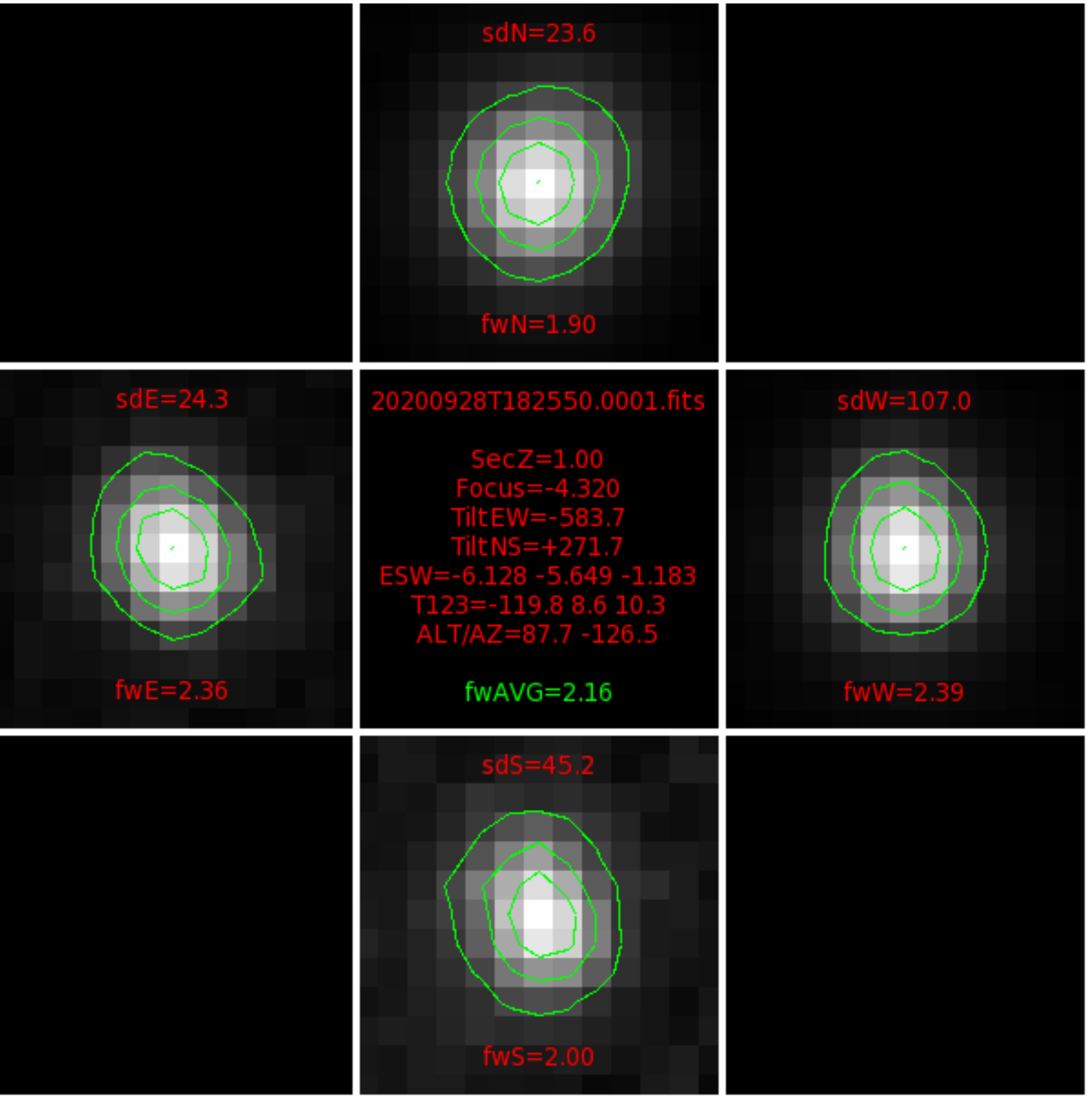
sdN=23.6
fwN=1.90
sdE=24.3
fwE=2.36
20200928T182550.0001.fits
SecZ=1.00
Focus=-4.320
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.128 -5.649 -1.183
T123=-119.8 8.6 10.3
ALT/AZ=87.7 -126.5
fwAVG=2.16
sdW=107.0
fwW=2.39
sdS=45.2
fwS=2.00
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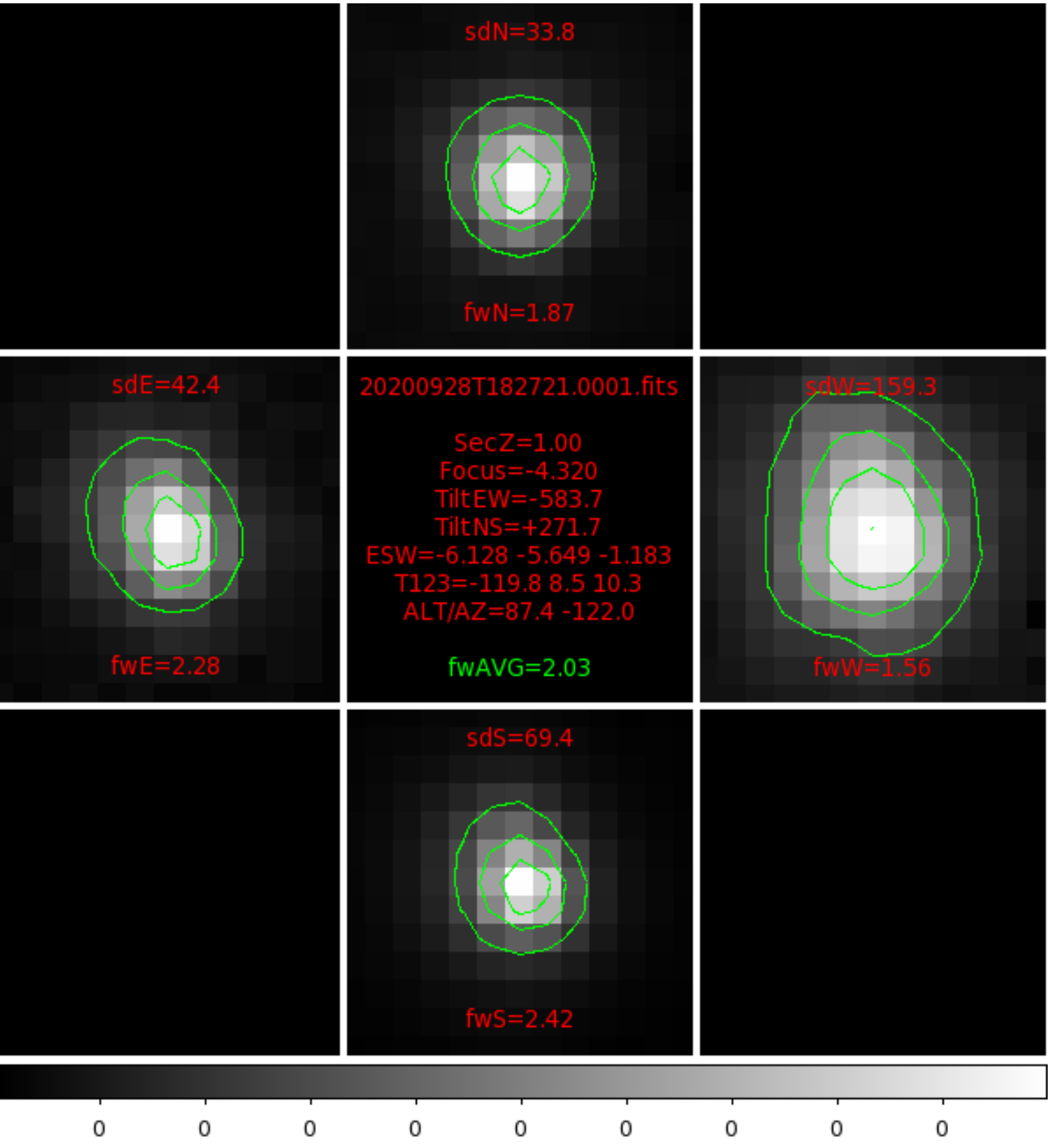
sdN=33.8
fwN=1.87
sdE=42.4
fwE=2.28
20200928T182721.0001.fits
SecZ=1.00
Focus=-4.320
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.128 -5.649 -1.183
T123=-119.8 8.5 10.3
ALT/AZ=87.4 -122.0
fwAVG=2.03
sdW=159.3
fwW=1.56
sdS=69.4
fwS=2.42
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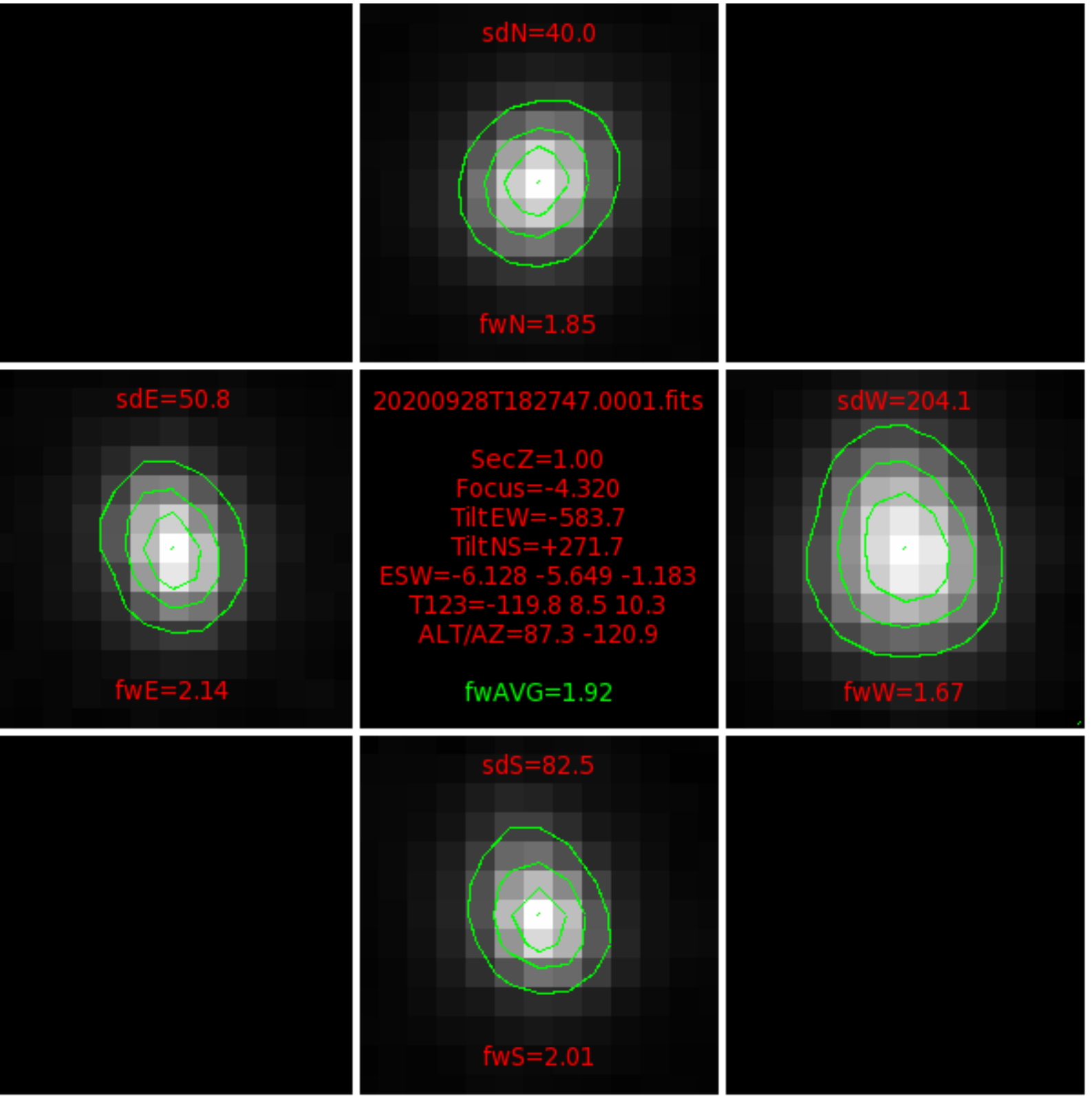
sdN=40.0
fwN=1.85
sdE=50.8
fwE=2.14
20200928T182747.0001.fits
SecZ=1.00
Focus=-4.320
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.128 -5.649 -1.183
T123=-119.8 8.5 10.3
ALT/AZ=87.3 -120.9
fwAVG=1.92
sdW=204.1
fwW=1.67
sdS=82.5
fwS=2.01
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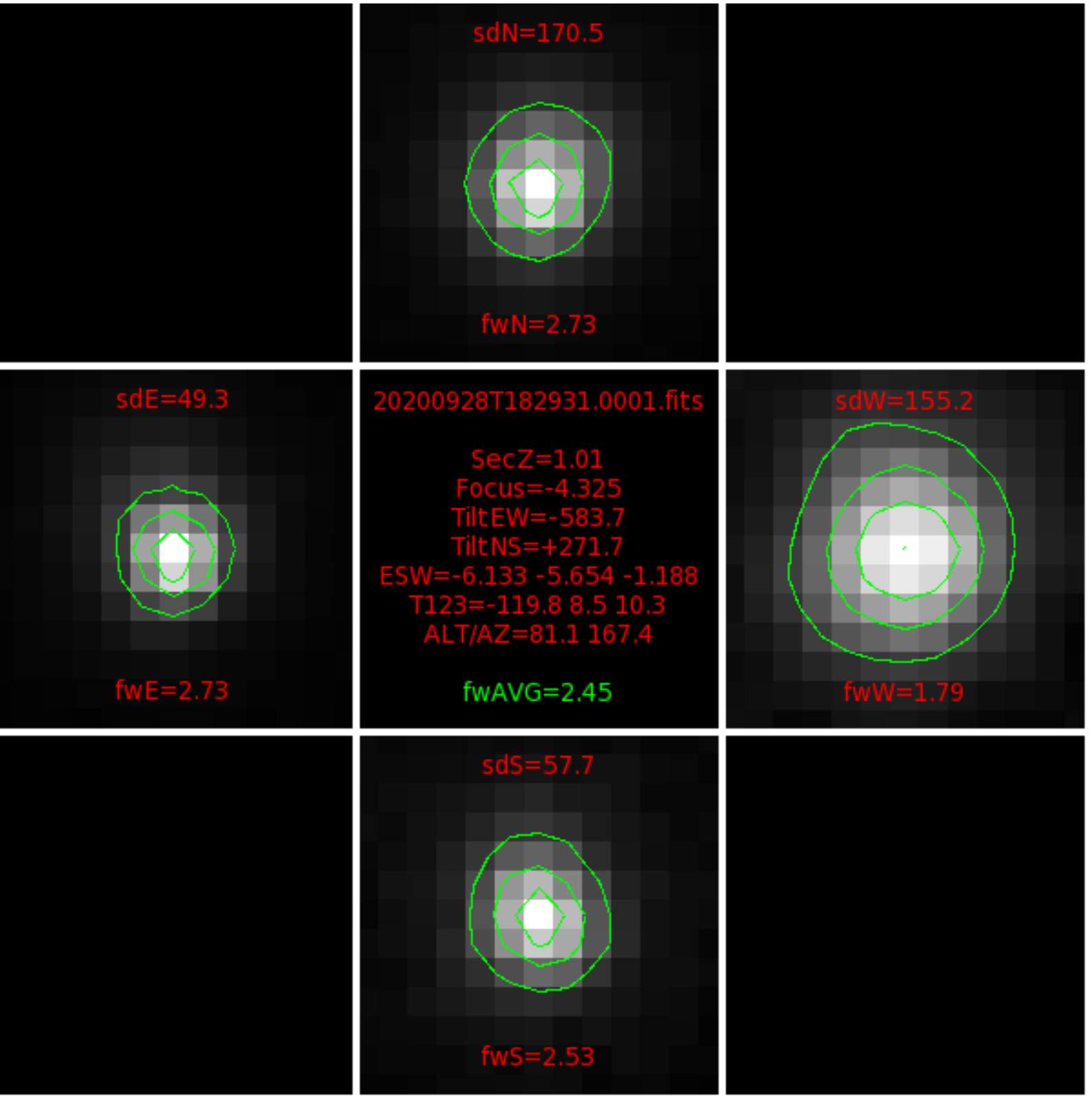
sdN=170.5
fwN=2.73
sdE=49.3
fwE=2.73
20200928T182931.0001.fits
SecZ=1.01
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-119.8 8.5 10.3
ALT/AZ=81.1 167.4
fwAVG=2.45
sdW=155.2
fwW=1.79
sdS=57.7
fwS=2.53
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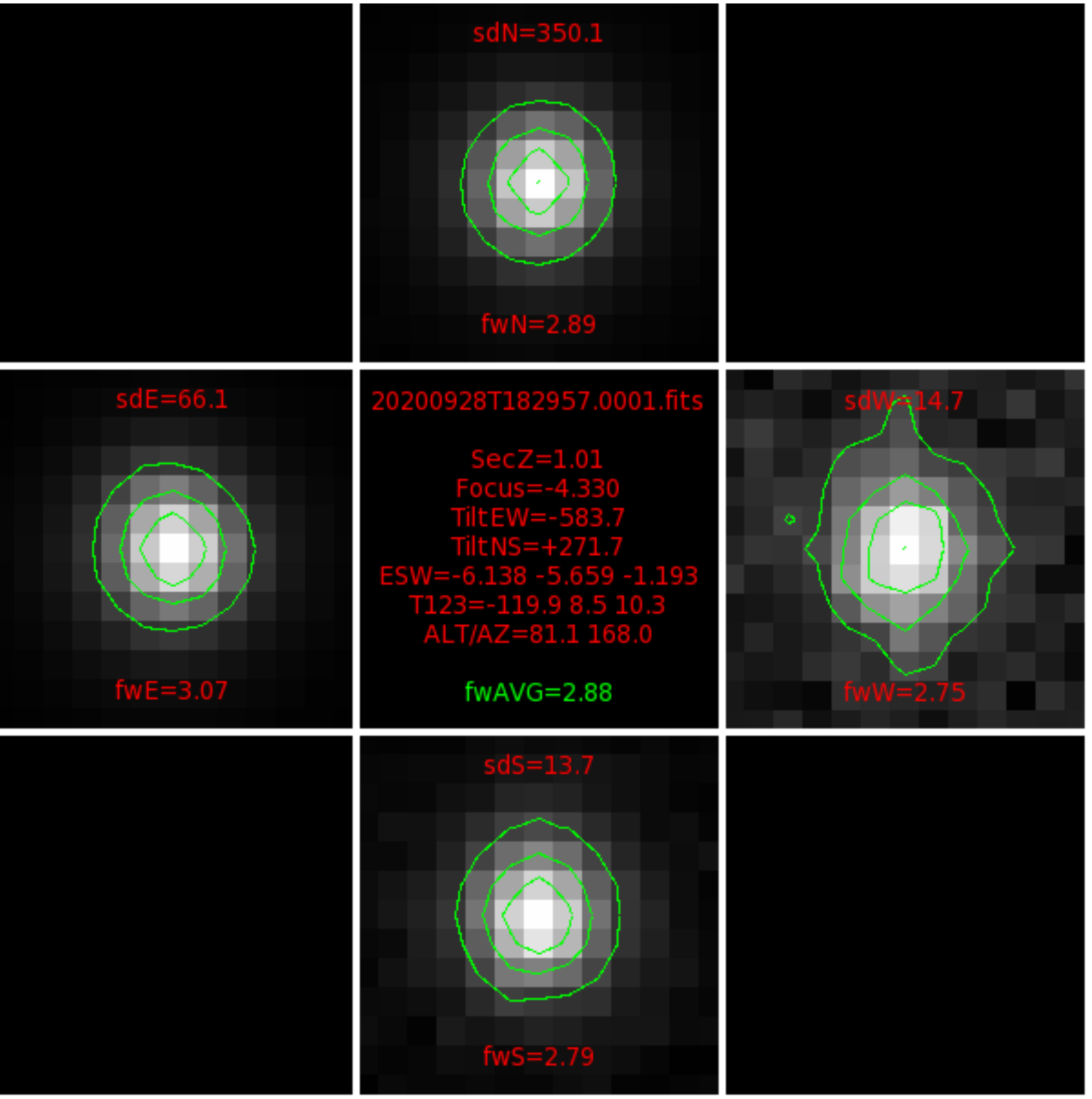
sdN=350.1
fwN=2.89
sdE=66.1
fwE=3.07
20200928T182957.0001.fits
SecZ=1.01
Focus=-4.330
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.138 -5.659 -1.193
T123=-119.9 8.5 10.3
ALT/AZ=81.1 168.0
fwAVG=2.88
sdW=14.7
fwW=2.75
sdS=13.7
fwS=2.79
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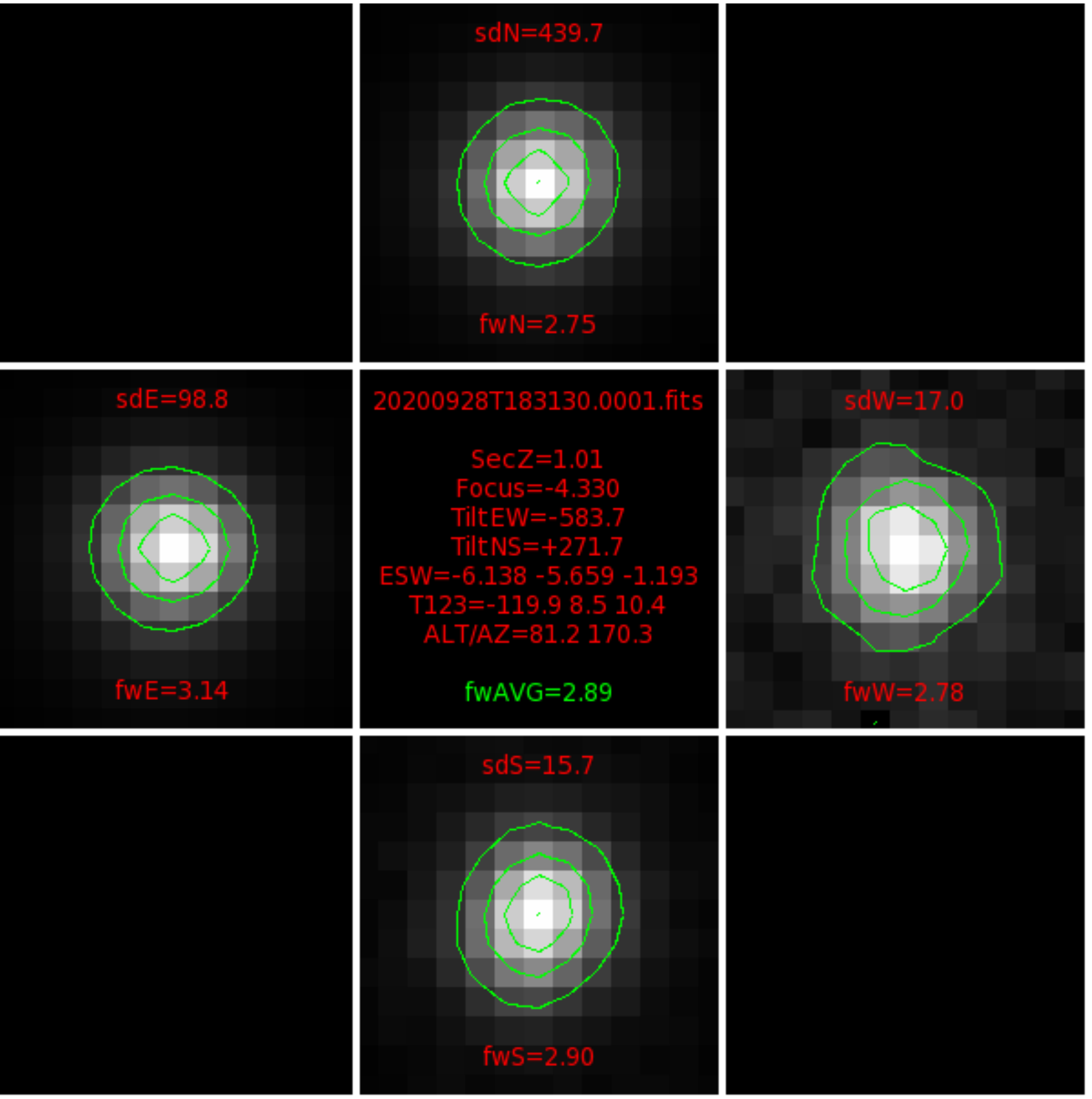
sdN=439.7
fwN=2.75
sdE=98.8
fwE=3.14
20200928T183130.0001.fits
SecZ=1.01
Focus=-4.330
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.138 -5.659 -1.193
T123=-119.9 8.5 10.4
ALT/AZ=81.2 170.3
fwAVG=2.89
sdW=17.0
fwW=2.78
sdS=15.7
fwS=2.90
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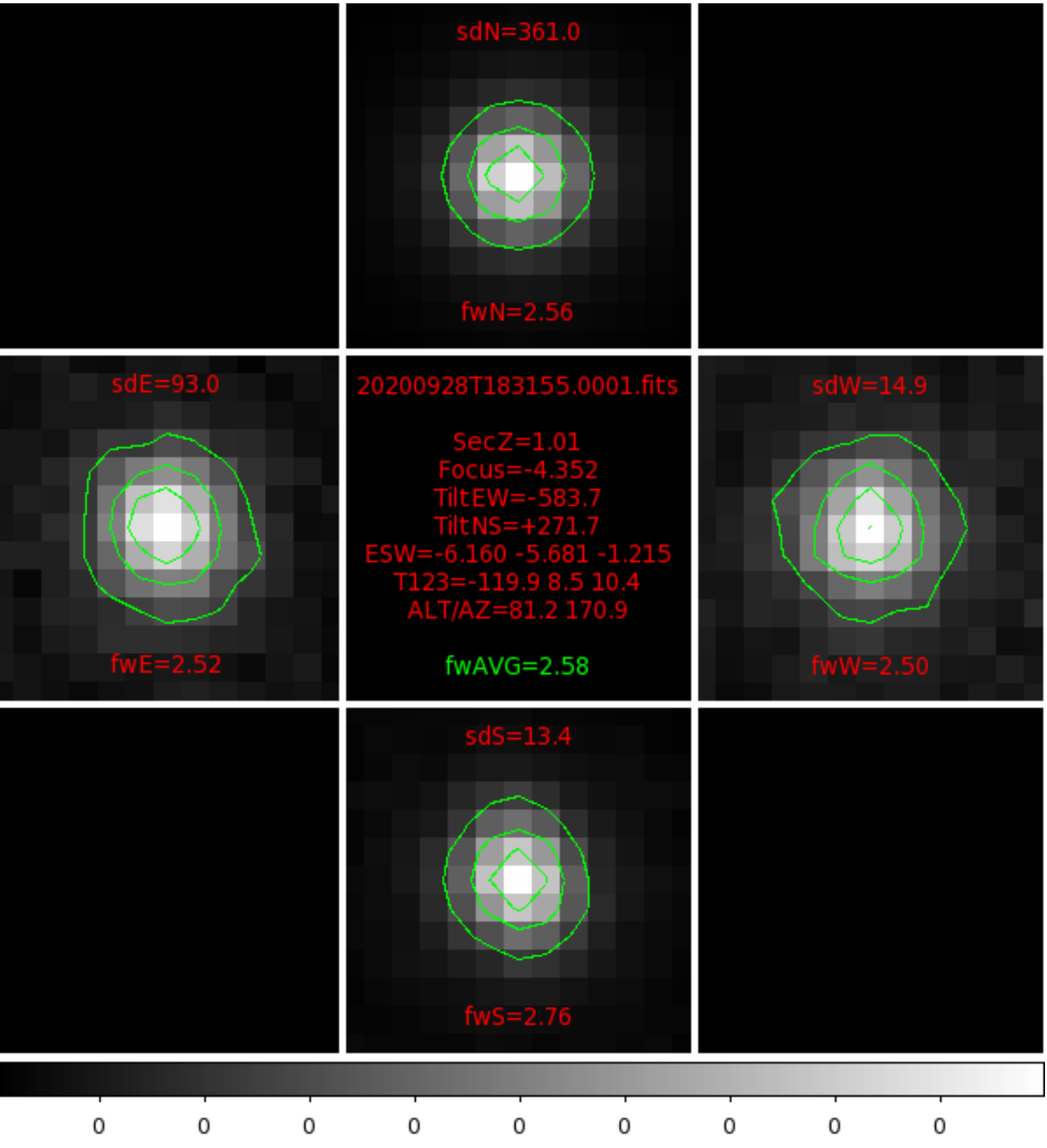
sdN=361.0
fwN=2.56
sdE=93.0
fwE=2.52
20200928T183155.0001.fits
SecZ=1.01
Focus=-4.352
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.160 -5.681 -1.215
T123=-119.9 8.5 10.4
ALT/AZ=81.2 170.9
fwAVG=2.58
sdW=14.9
fwW=2.50
sdS=13.4
fwS=2.76
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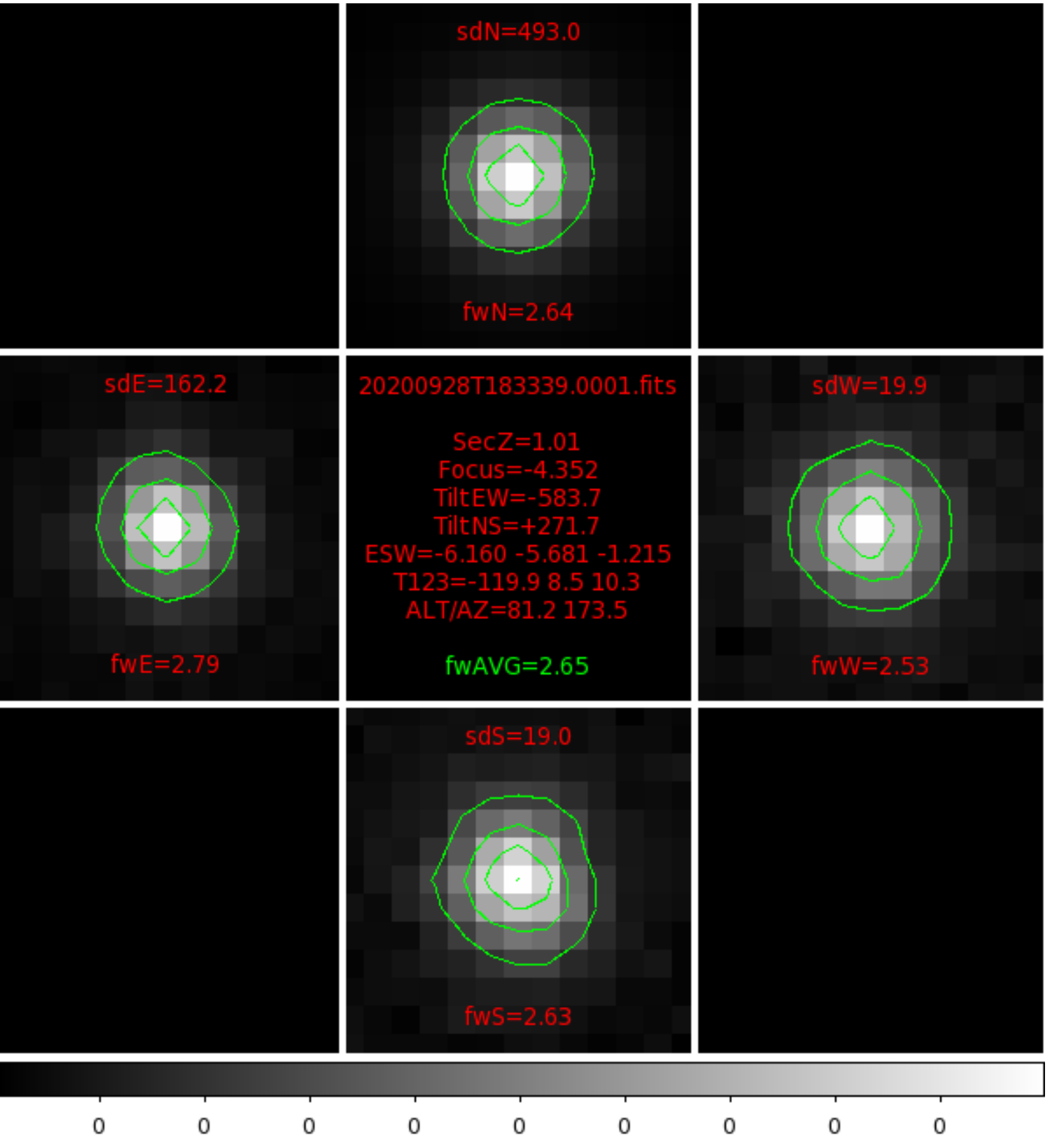
sdN=493.0
fwN=2.64
sdE=162.2
fwE=2.79
20200928T183339.0001.fits
SecZ=1.01
Focus=-4.352
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.160 -5.681 -1.215
T123=-119.9 8.5 10.3
ALT/AZ=81.2 173.5
fwAVG=2.65
sdW=19.9
fwW=2.53
sdS=19.0
fwS=2.63
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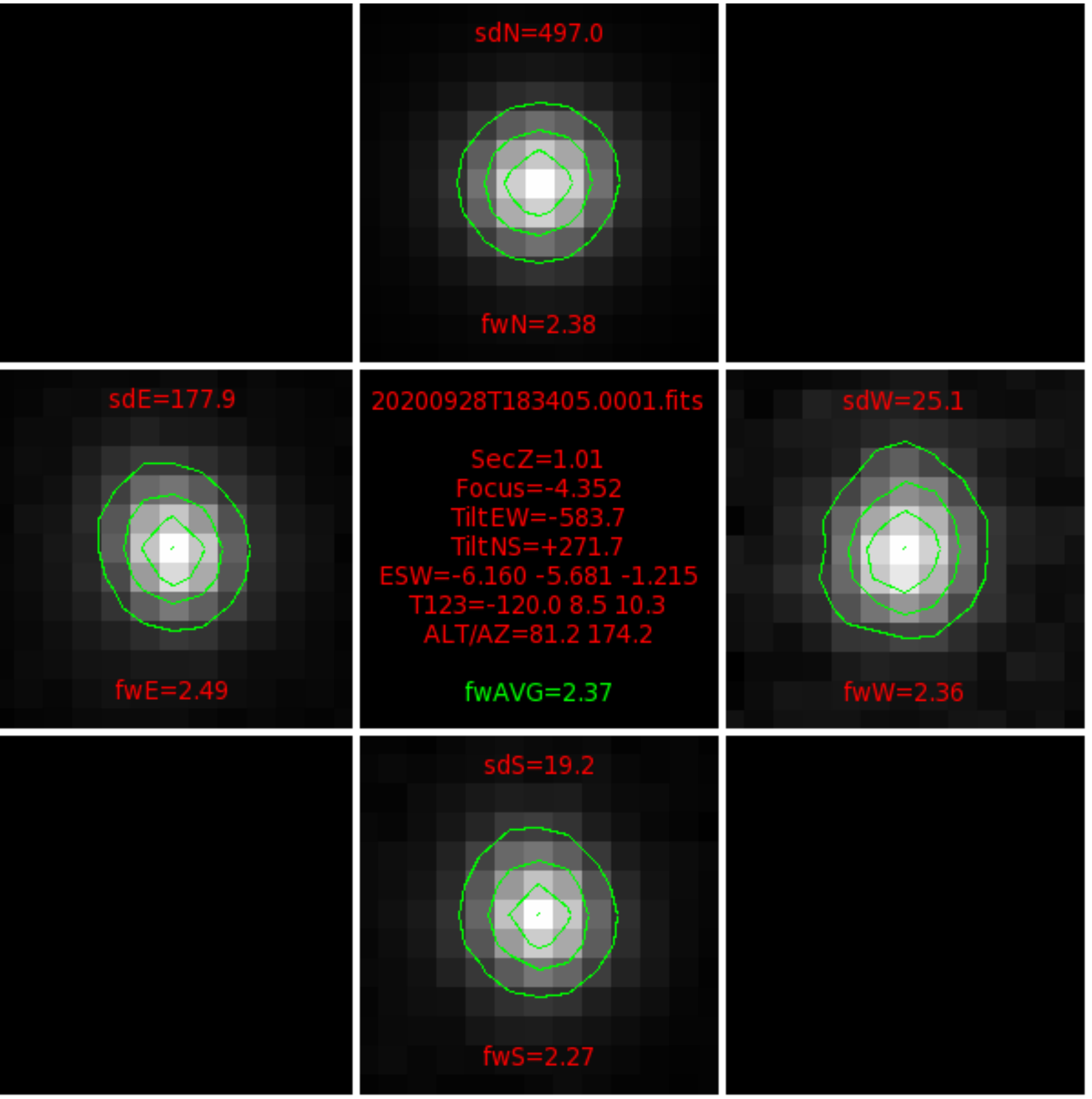
sdN=497.0
fwN=2.38
sdE=177.9
fwE=2.49
20200928T183405.0001.fits
SecZ=1.01
Focus=-4.352
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.160 -5.681 -1.215
T123=-120.0 8.5 10.3
ALT/AZ=81.2 174.2
fwAVG=2.37
sdW=25.1
fwW=2.36
sdS=19.2
fwS=2.27
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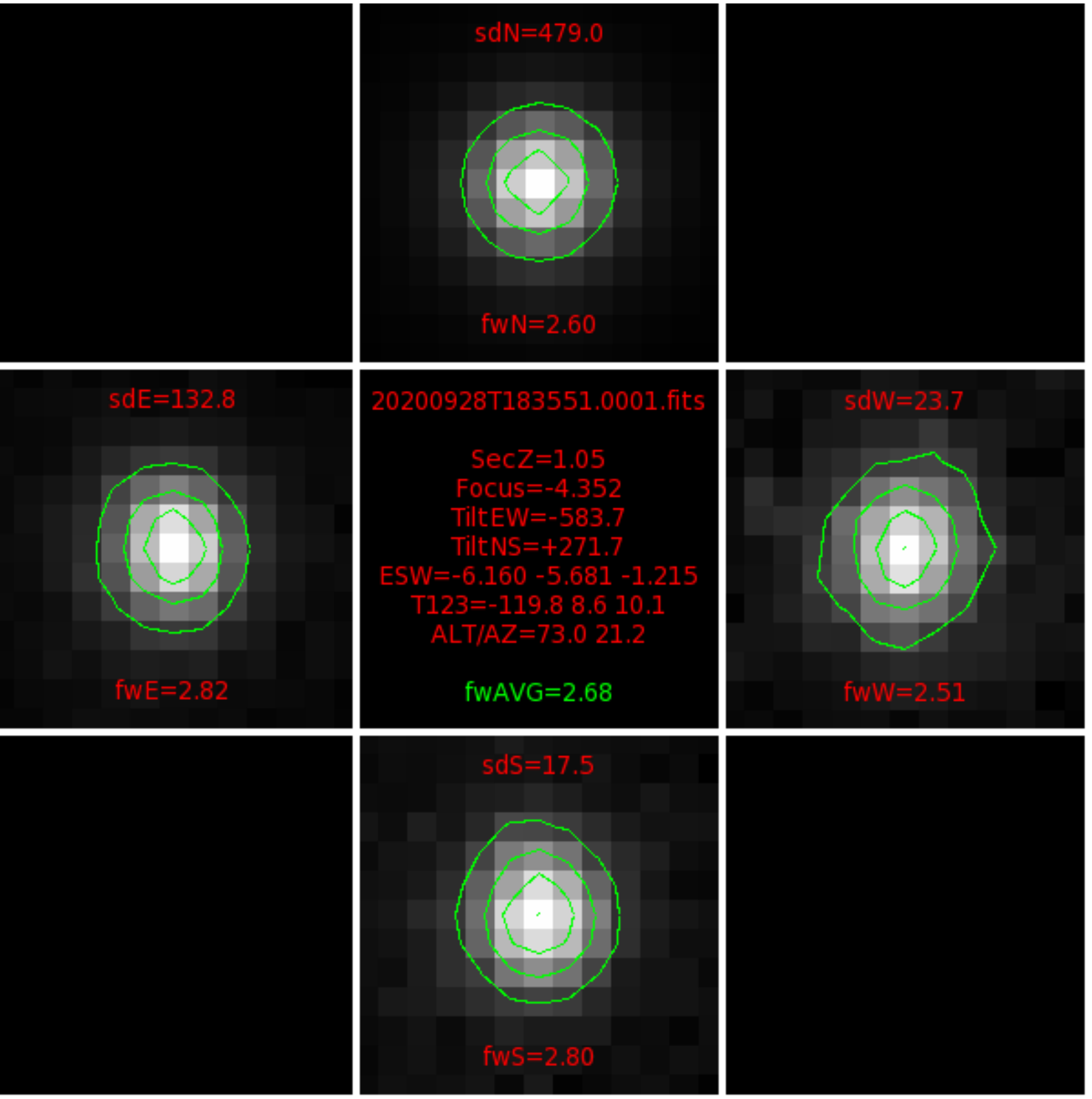
sdN=479.0
fwN=2.60
sdE=132.8
fwE=2.82
20200928T183551.0001.fits
SecZ=1.05
Focus=-4.352
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.160 -5.681 -1.215
T123=-119.8 8.6 10.1
ALT/AZ=73.0 21.2
fwAVG=2.68
sdW=23.7
fwW=2.51
sdS=17.5
fwS=2.80
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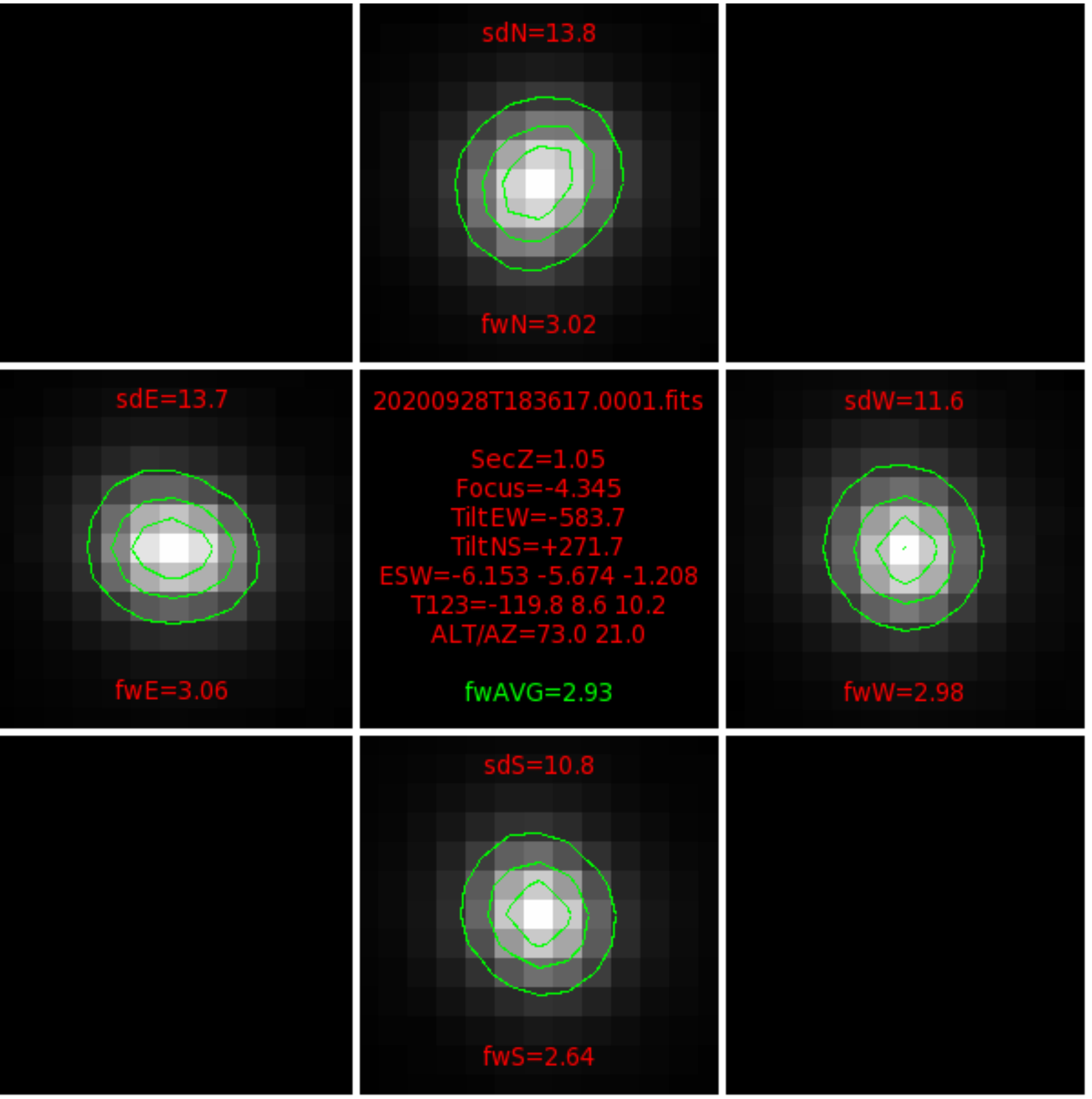
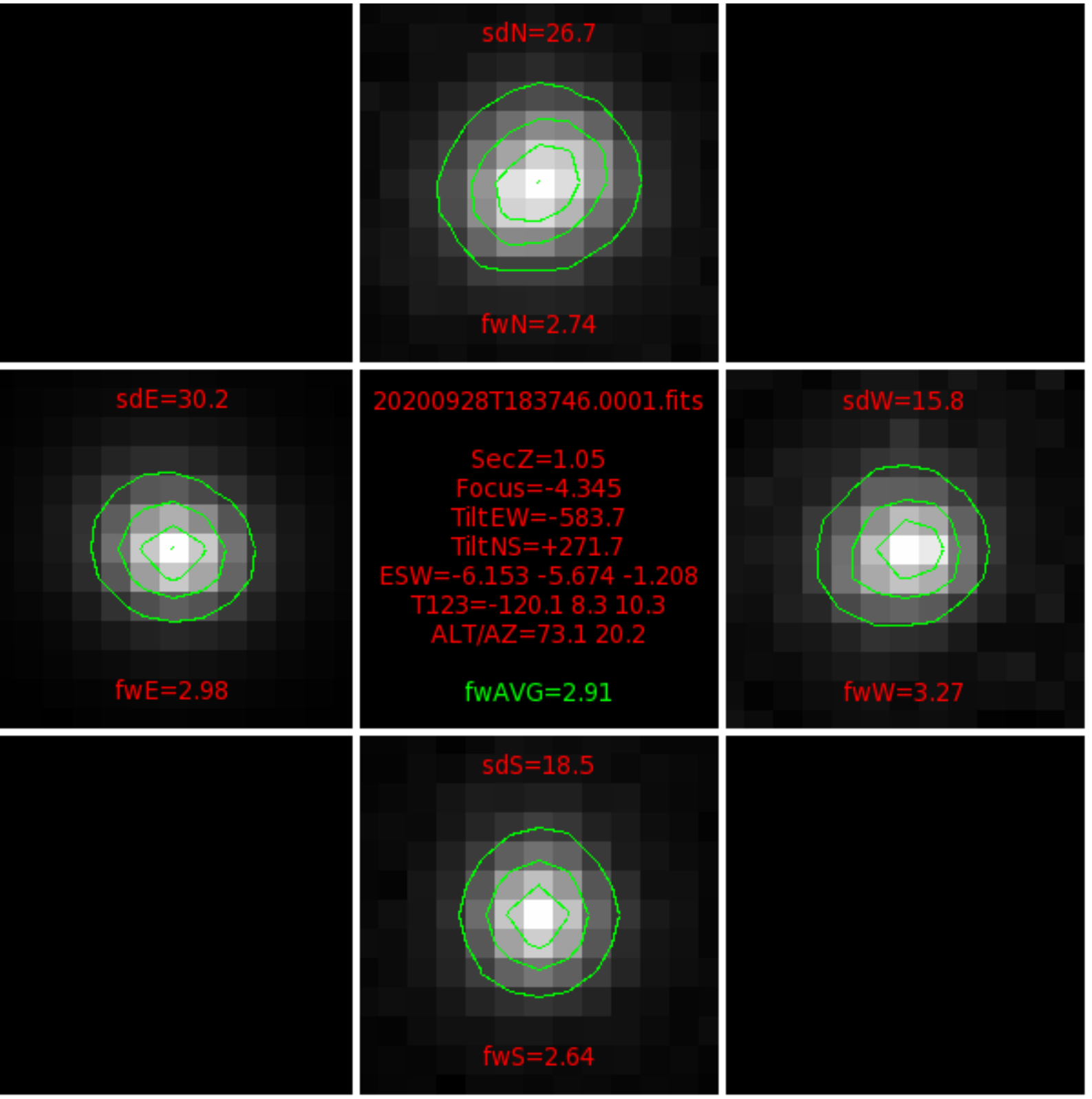
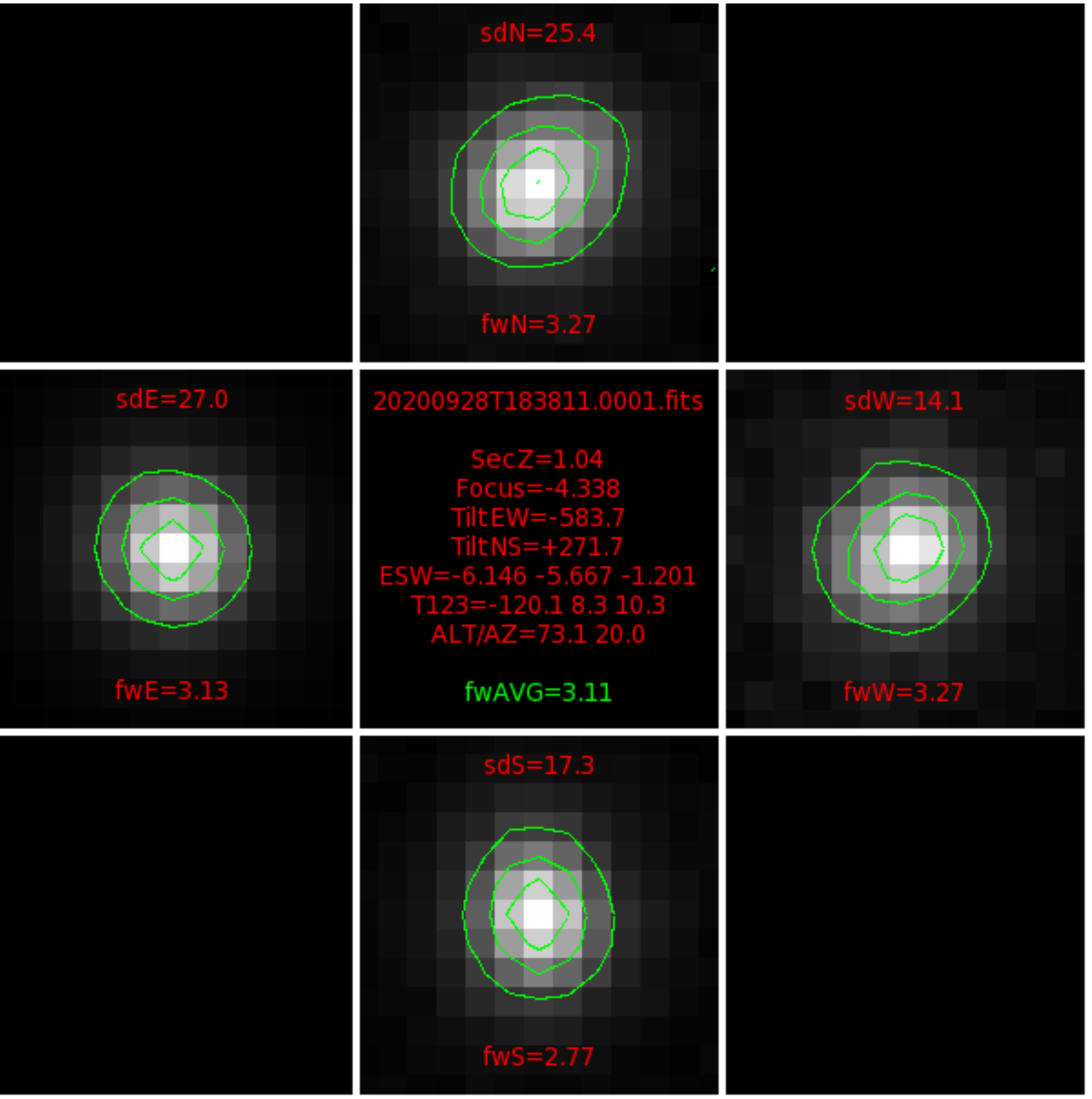

sdN=13.8
fwN=3.02
sdE=13.7
fwE=3.06
20200928T183617.0001.fits
SecZ=1.05
Focus=-4.345
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.153 -5.674 -1.208
T123=-119.8 8.6 10.2
ALT/AZ=73.0 21.0
fwAVG=2.93
sdW=11.6
fwW=2.98
sdS=10.8
fwS=2.64
0 0 0 0 0 0 0 0 0


sdN=26.7
fwN=2.74
sdE=30.2
fwE=2.98
20200928T183746.0001.fits
SecZ=1.05
Focus=-4.345
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.153 -5.674 -1.208
T123=-120.1 8.3 10.3
ALT/AZ=73.1 20.2
fwAVG=2.91
sdW=15.8
fwW=3.27
sdS=18.5
fwS=2.64
0 0 0 0 0 0 0 0 0


sdN=25.4
fwN=3.27
sdE=27.0
fwE=3.13
20200928T183811.0001.fits
SecZ=1.04
Focus=-4.338
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.146 -5.667 -1.201
T123=-120.1 8.3 10.3
ALT/AZ=73.1 20.0
fwAVG=3.11
sdW=14.1
fwW=3.27
sdS=17.3
fwS=2.77
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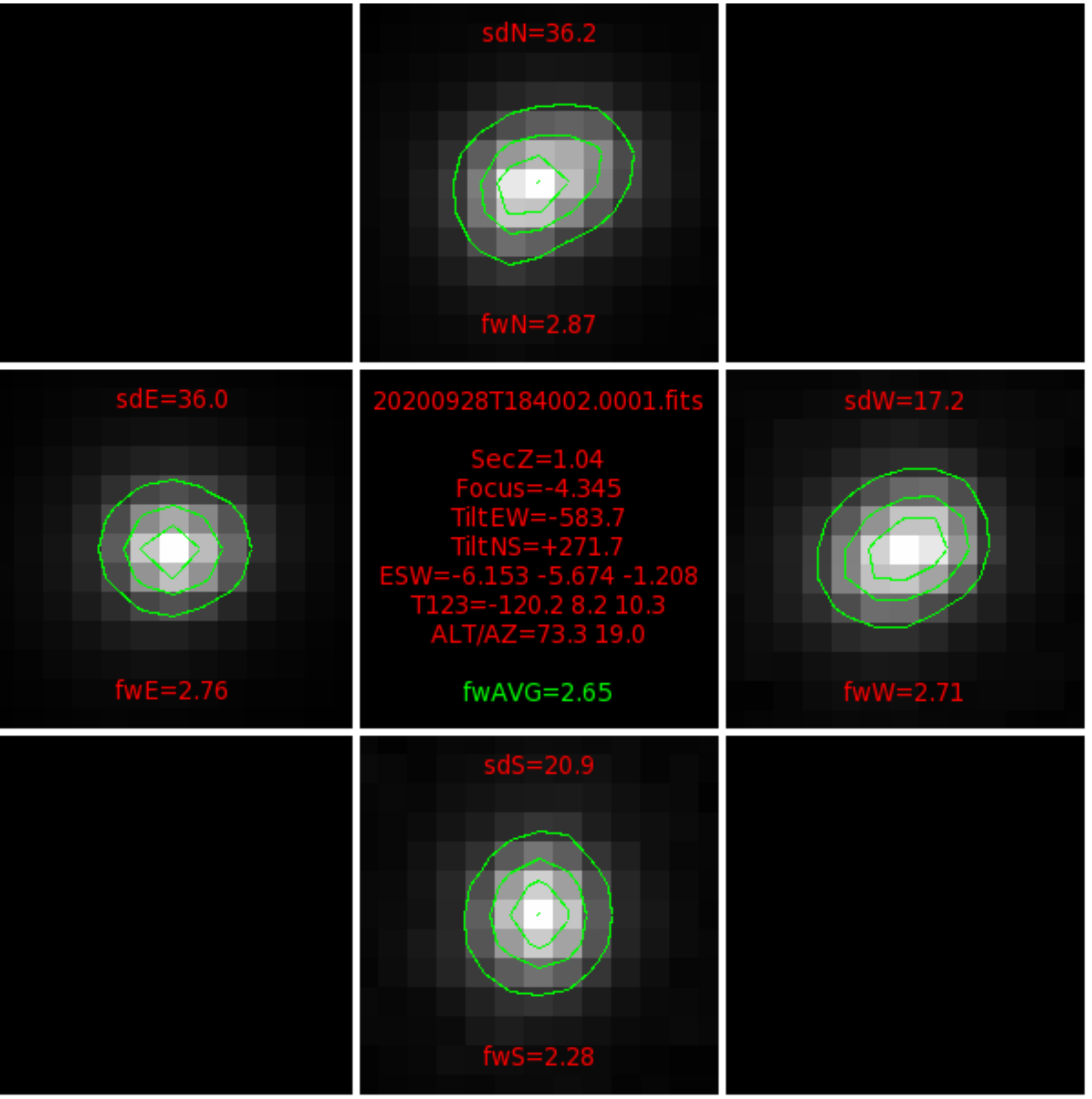
sdN=36.2
fwN=2.87
sdE=36.0
fwE=2.76
20200928T184002.0001.fits
SecZ=1.04
Focus=-4.345
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.153 -5.674 -1.208
T123=-120.2 8.2 10.3
ALT/AZ=73.3 19.0
fwAVG=2.65
sdW=17.2
fwW=2.71
sdS=20.9
fwS=2.28
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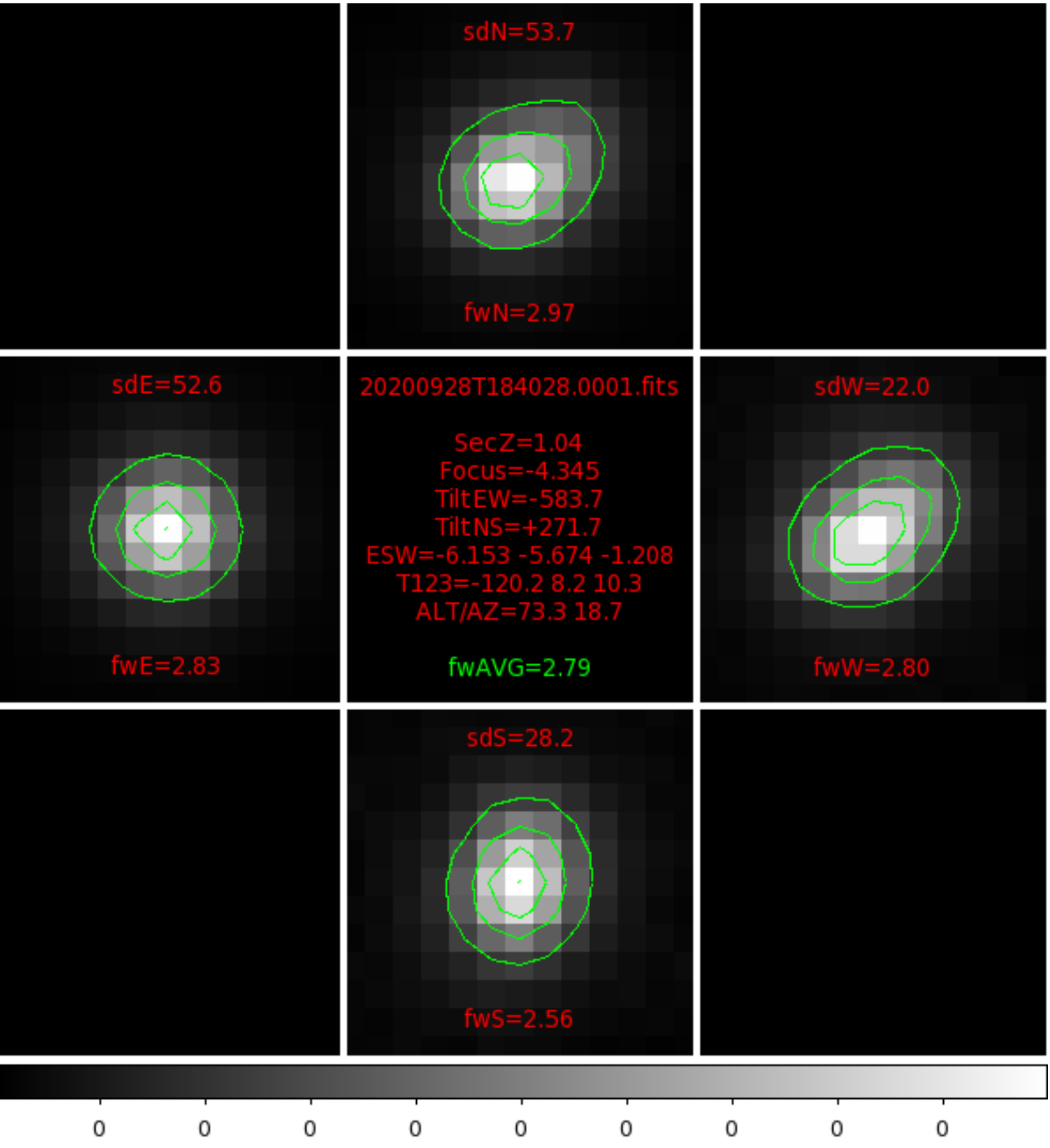
sdN=53.7
fwN=2.97
sdE=52.6
fwE=2.83
20200928T184028.0001.fits
SecZ=1.04
Focus=-4.345
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.153 -5.674 -1.208
T123=-120.2 8.2 10.3
ALT/AZ=73.3 18.7
fwAVG=2.79
sdW=22.0
fwW=2.80
sdS=28.2
fwS=2.56
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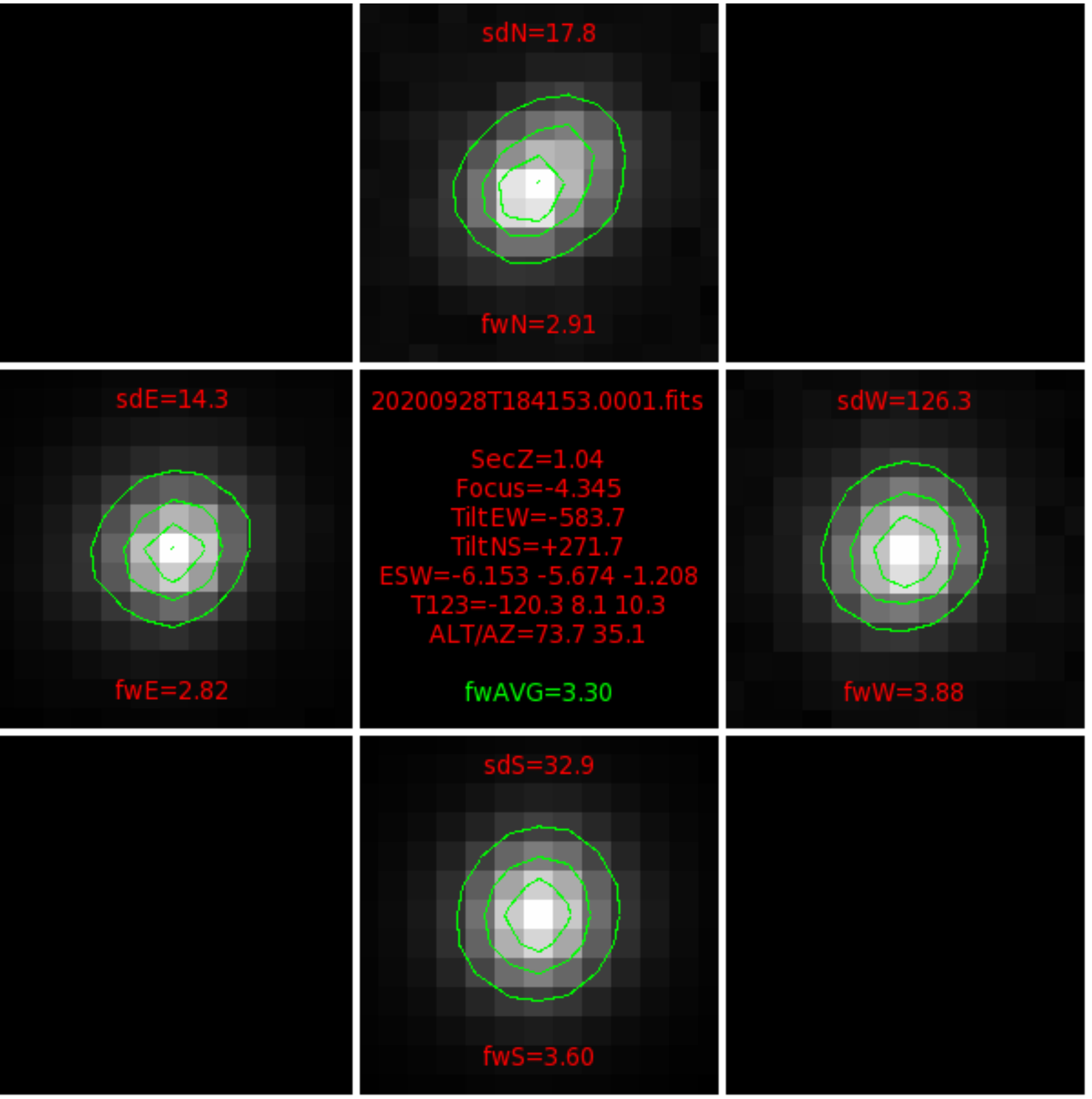
sdN=17.8
fwN=2.91
sdE=14.3
fwE=2.82
20200928T184153.0001.fits
SecZ=1.04
Focus=-4.345
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.153 -5.674 -1.208
T123=-120.3 8.1 10.3
ALT/AZ=73.7 35.1
fwAVG=3.30
sdW=126.3
fwW=3.88
sdS=32.9
fwS=3.60
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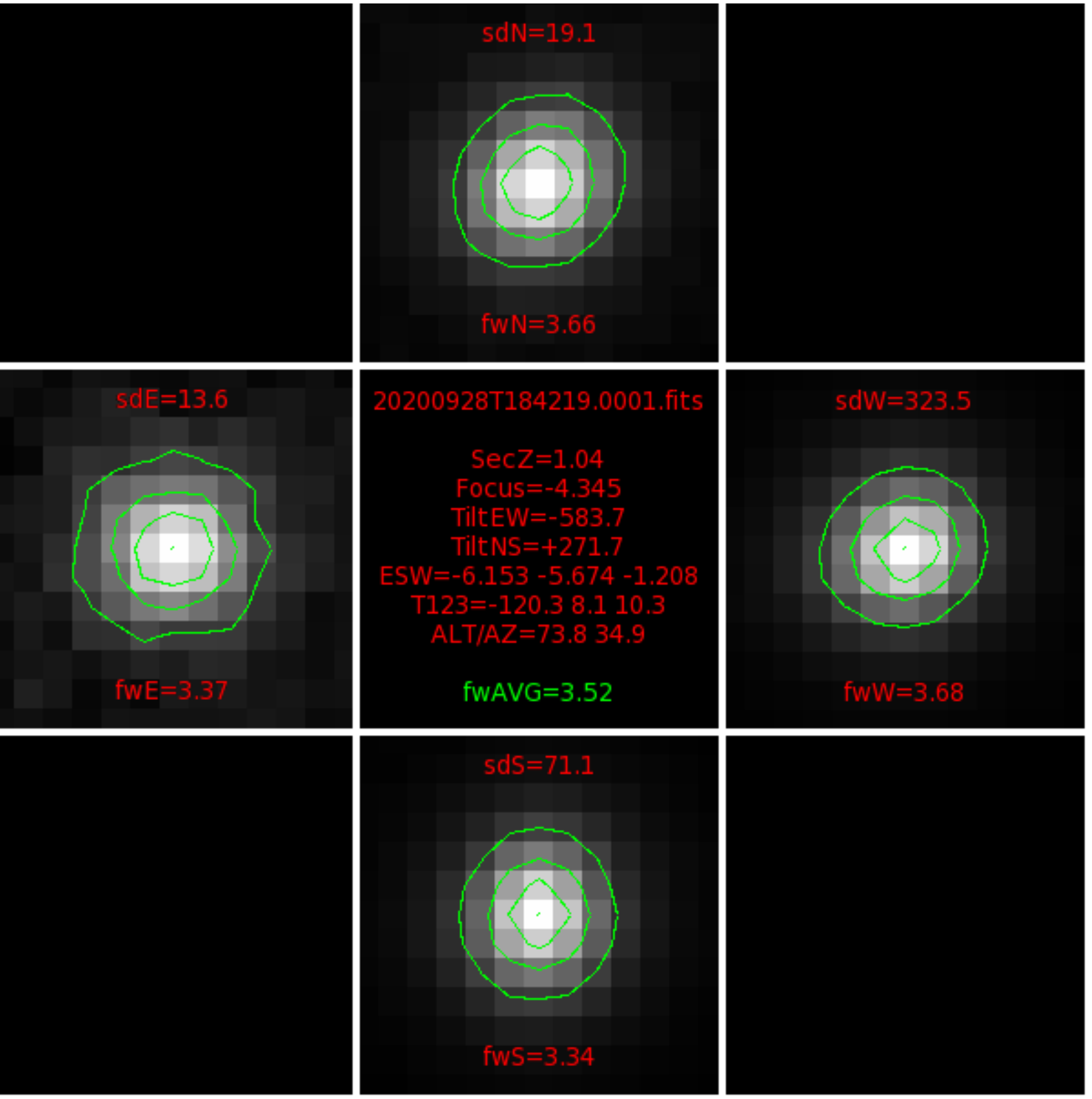
sdN=19.1
fwN=3.66
sdE=13.6
fwE=3.37
20200928T184219.0001.fits
SecZ=1.04
Focus=-4.345
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.153 -5.674 -1.208
T123=-120.3 8.1 10.3
ALT/AZ=73.8 34.9
fwAVG=3.52
sdW=323.5
fwW=3.68
sdS=71.1
fwS=3.34
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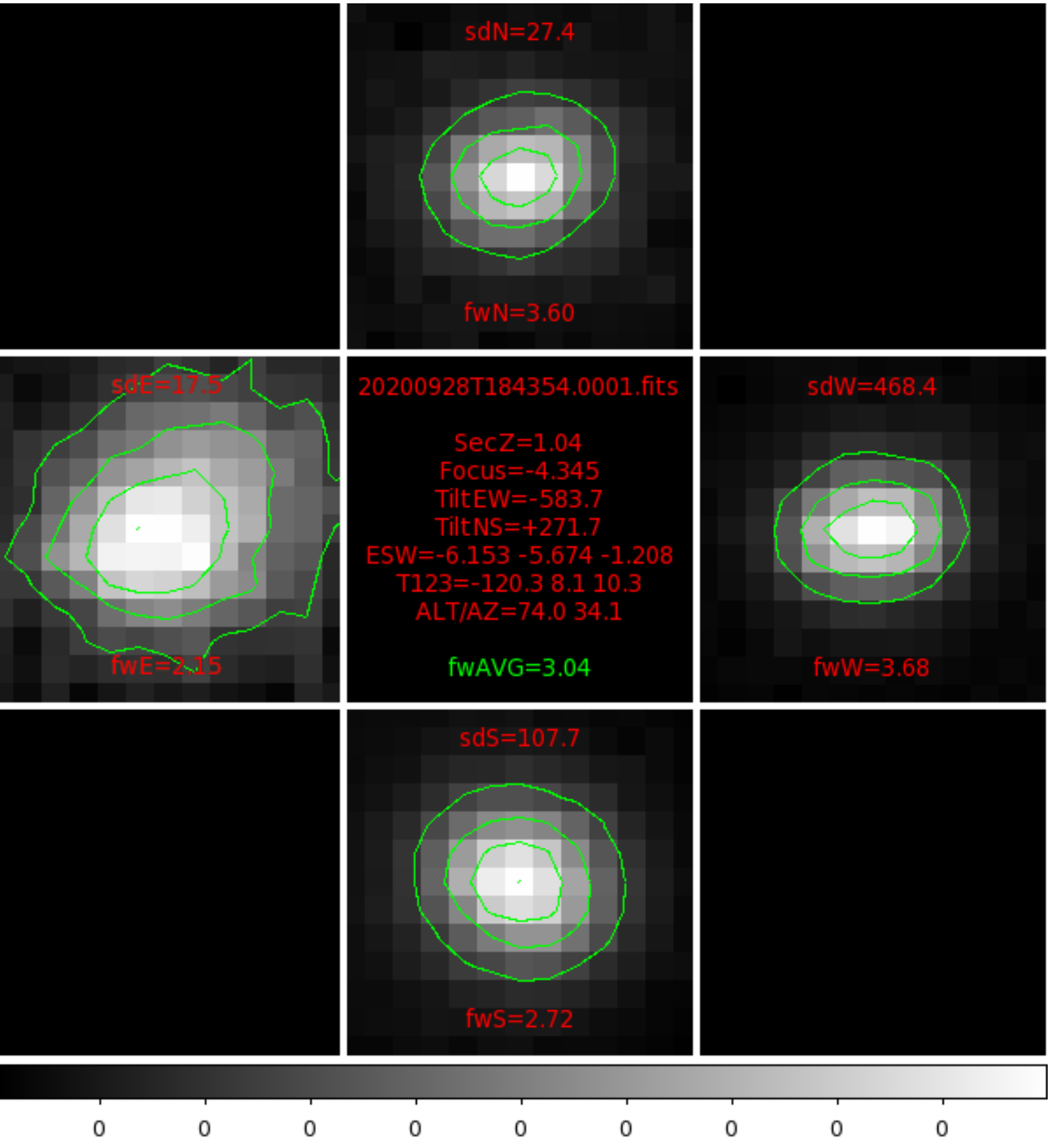
sdN=27.4
fwN=3.60
sdE=17.5
fwE=2.15
20200928T184354.0001.fits
SecZ=1.04
Focus=-4.345
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.153 -5.674 -1.208
T123=-120.3 8.1 10.3
ALT/AZ=74.0 34.1
fwAVG=3.04
sdW=468.4
fwW=3.68
sdS=107.7
fwS=2.72
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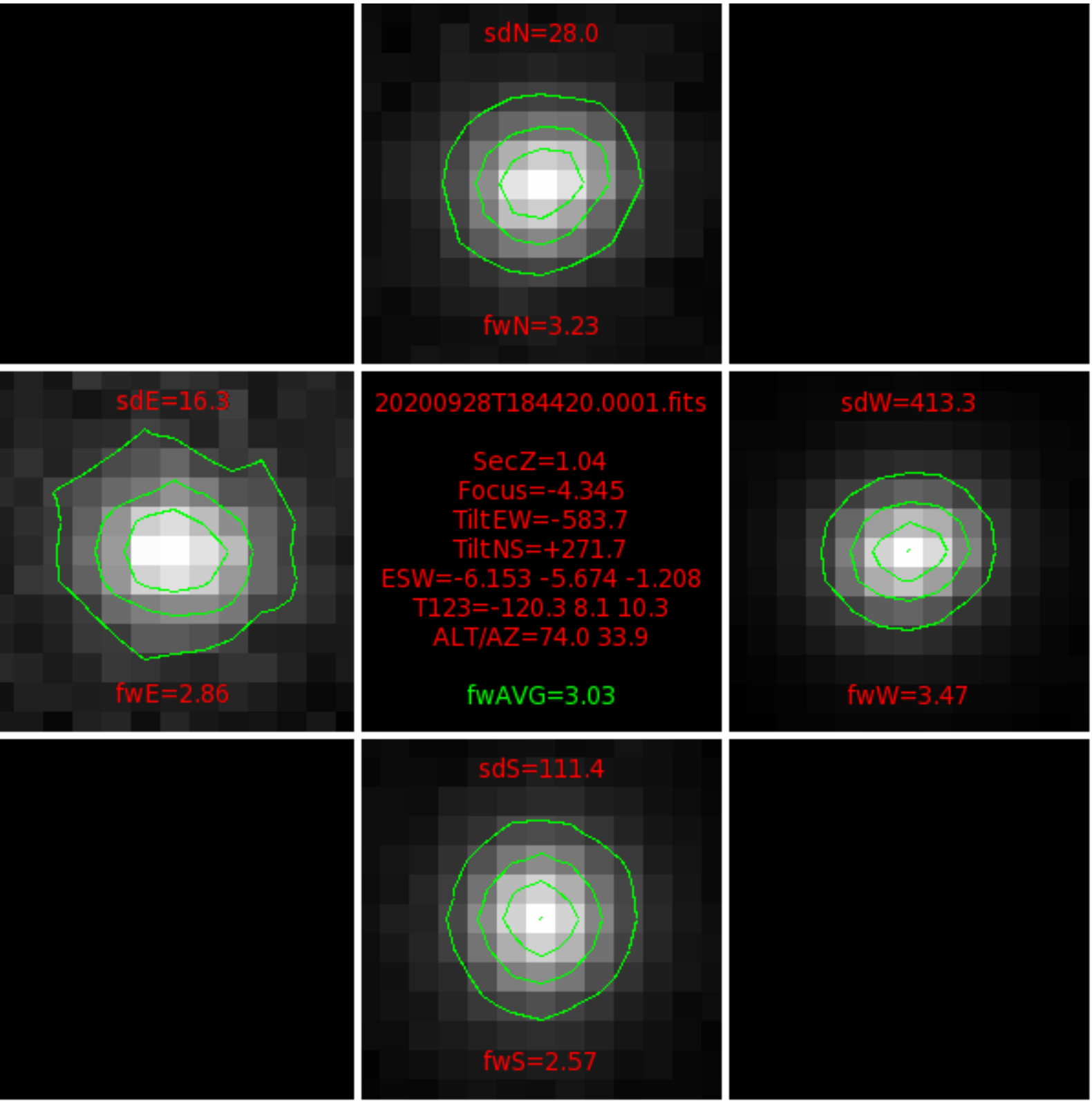
sdN=28.0
fwN=3.23
sdE=16.3
fwE=2.86
20200928T184420.0001.fits
SecZ=1.04
Focus=-4.345
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.153 -5.674 -1.208
T123=-120.3 8.1 10.3
ALT/AZ=74.0 33.9
fwAVG=3.03
sdW=413.3
fwW=3.47
sdS=111.4
fwS=2.57
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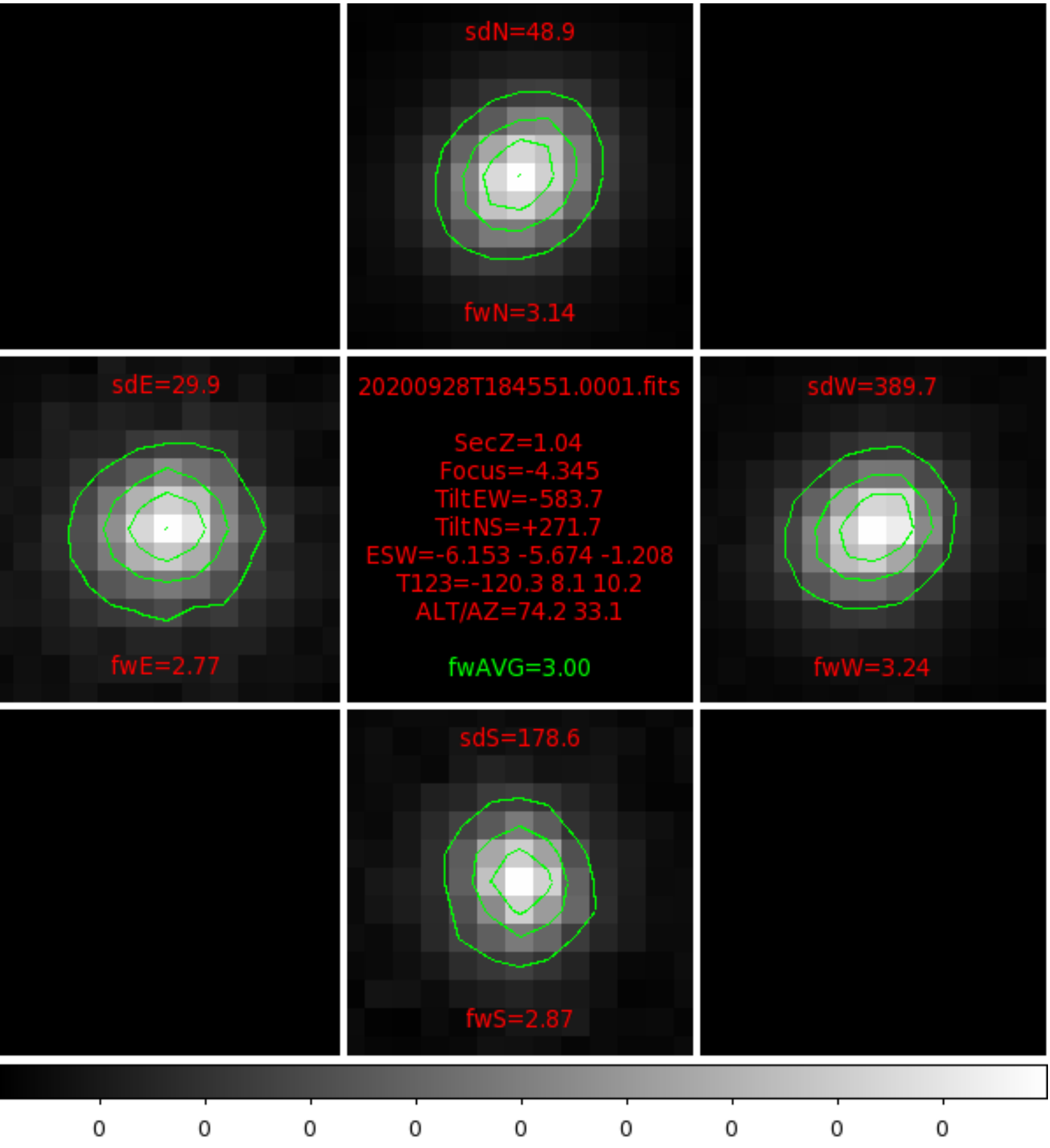
sdN=48.9
fwN=3.14
sdE=29.9
fwE=2.77
20200928T184551.0001.fits
SecZ=1.04
Focus=-4.345
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.153 -5.674 -1.208
T123=-120.3 8.1 10.2
ALT/AZ=74.2 33.1
fwAVG=3.00
sdW=389.7
fwW=3.24
sdS=178.6
fwS=2.87
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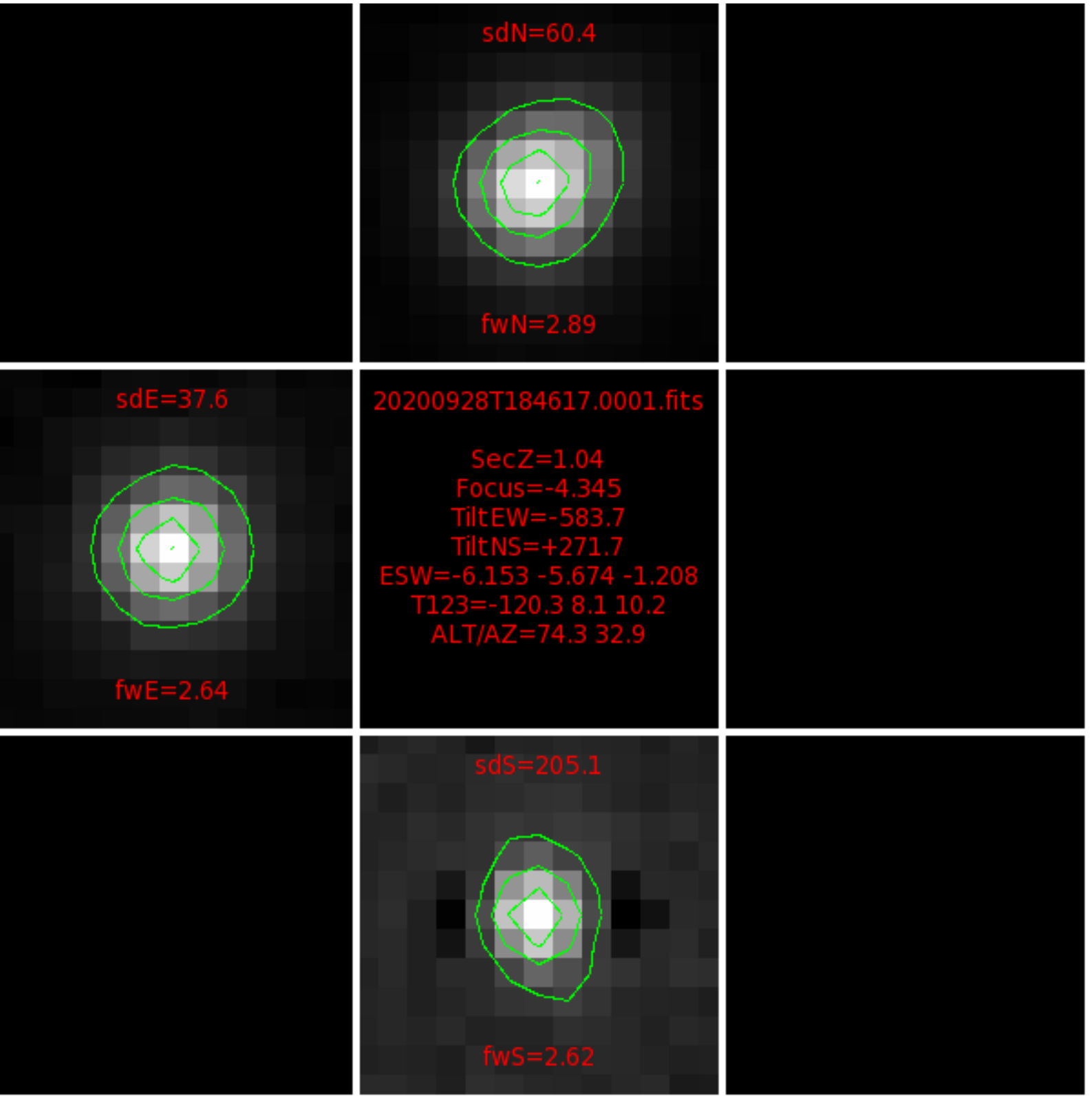
sdN=60.4
fwN=2.89
sdE=37.6
fwE=2.64
20200928T184617.0001.fits
SecZ=1.04
Focus=-4.345
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.153 -5.674 -1.208
T123=-120.3 8.1 10.2
ALT/AZ=74.3 32.9
sdS=205.1
fwS=2.62
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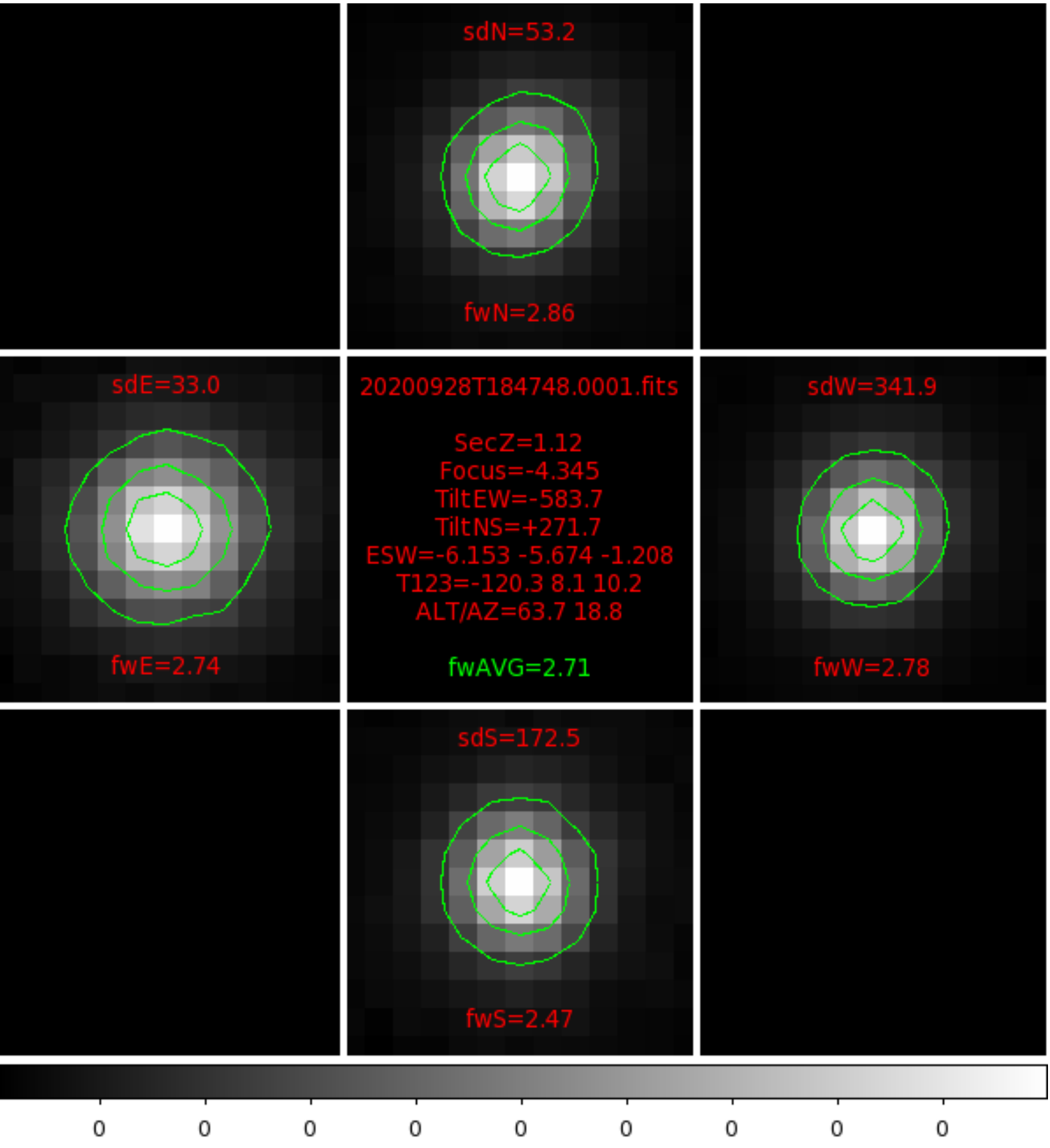
sdN=53.2
fwN=2.86
sdE=33.0
fwE=2.74
20200928T184748.0001.fits
SecZ=1.12
Focus=-4.345
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.153 -5.674 -1.208
T123=-120.3 8.1 10.2
ALT/AZ=63.7 18.8
fwAVG=2.71
sdW=341.9
fwW=2.78
sdS=172.5
fwS=2.47
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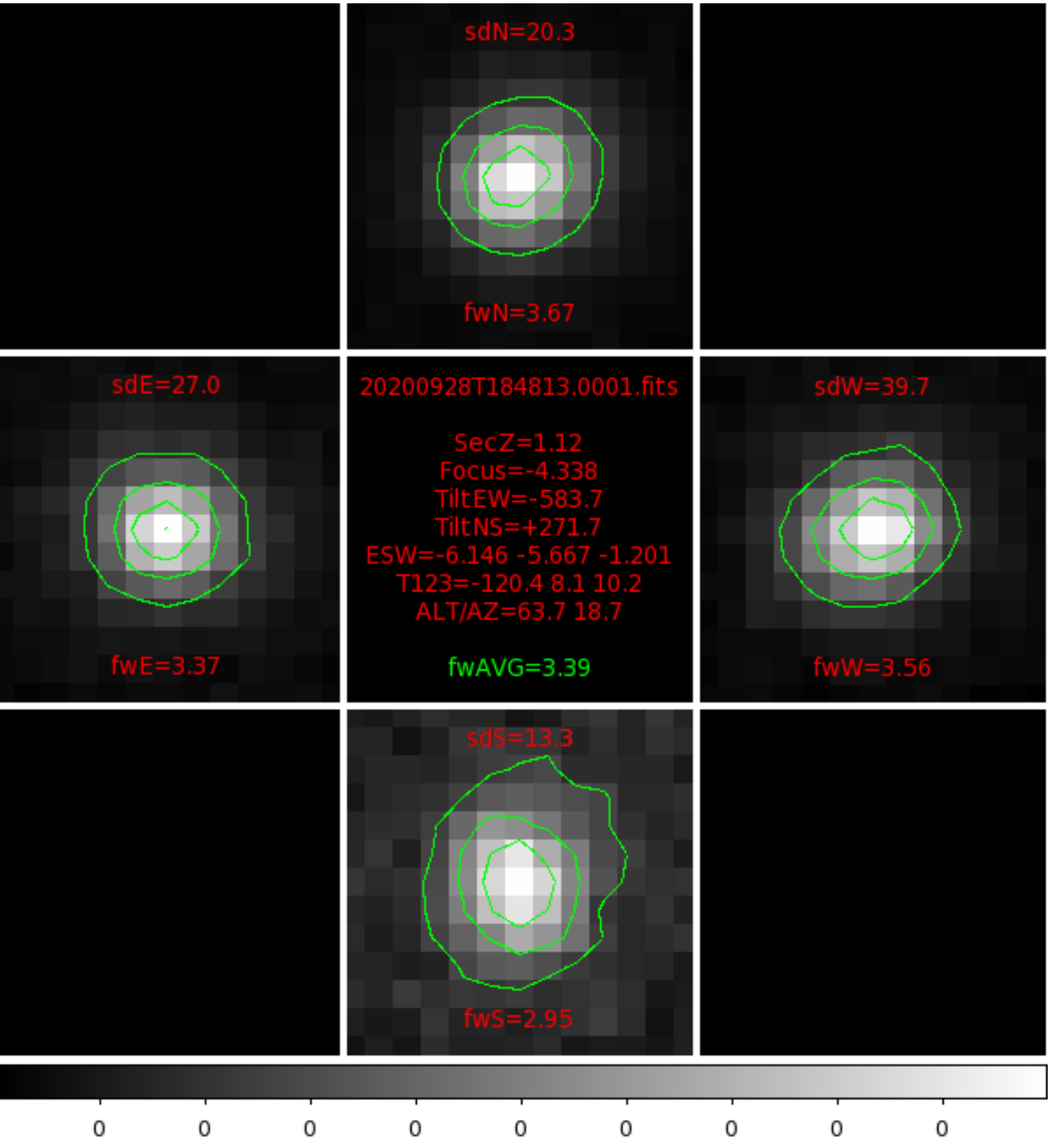
sdN=20.3
fwN=3.67
sdE=27.0
fwE=3.37
20200928T184813.0001.fits
SecZ=1.12
Focus=-4.338
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.146 -5.667 -1.201
T123=-120.4 8.1 10.2
ALT/AZ=63.7 18.7
fwAVG=3.39
sdW=39.7
fwW=3.56
sdS=13.3
fwS=2.95
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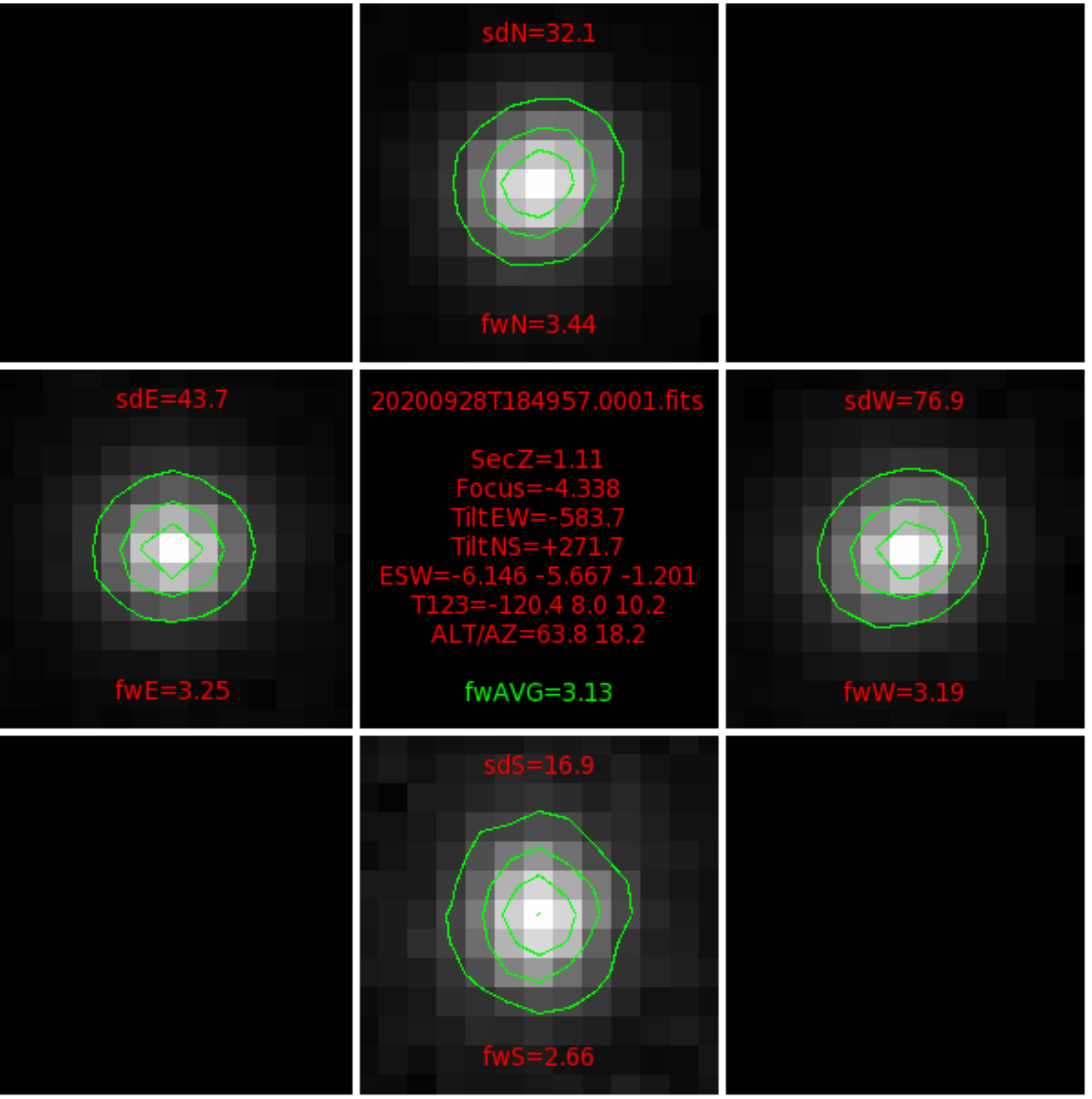
sdN=32.1
fwN=3.44
sdE=43.7
fwE=3.25
20200928T184957.0001.fits
SecZ=1.11
Focus=-4.338
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.146 -5.667 -1.201
T123=-120.4 8.0 10.2
ALT/AZ=63.8 18.2
fwAVG=3.13
sdW=76.9
fwW=3.19
sdS=16.9
fwS=2.66
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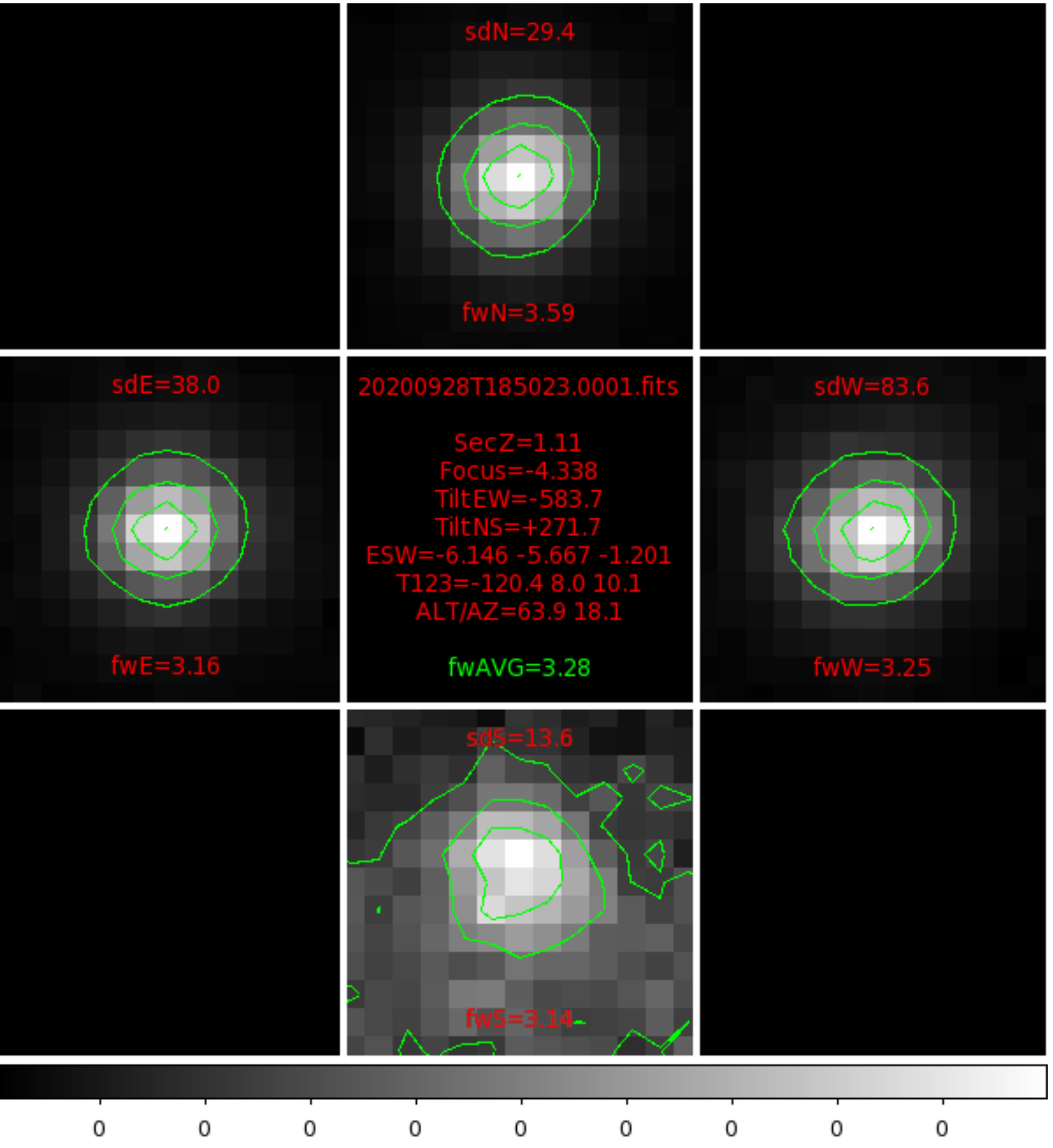
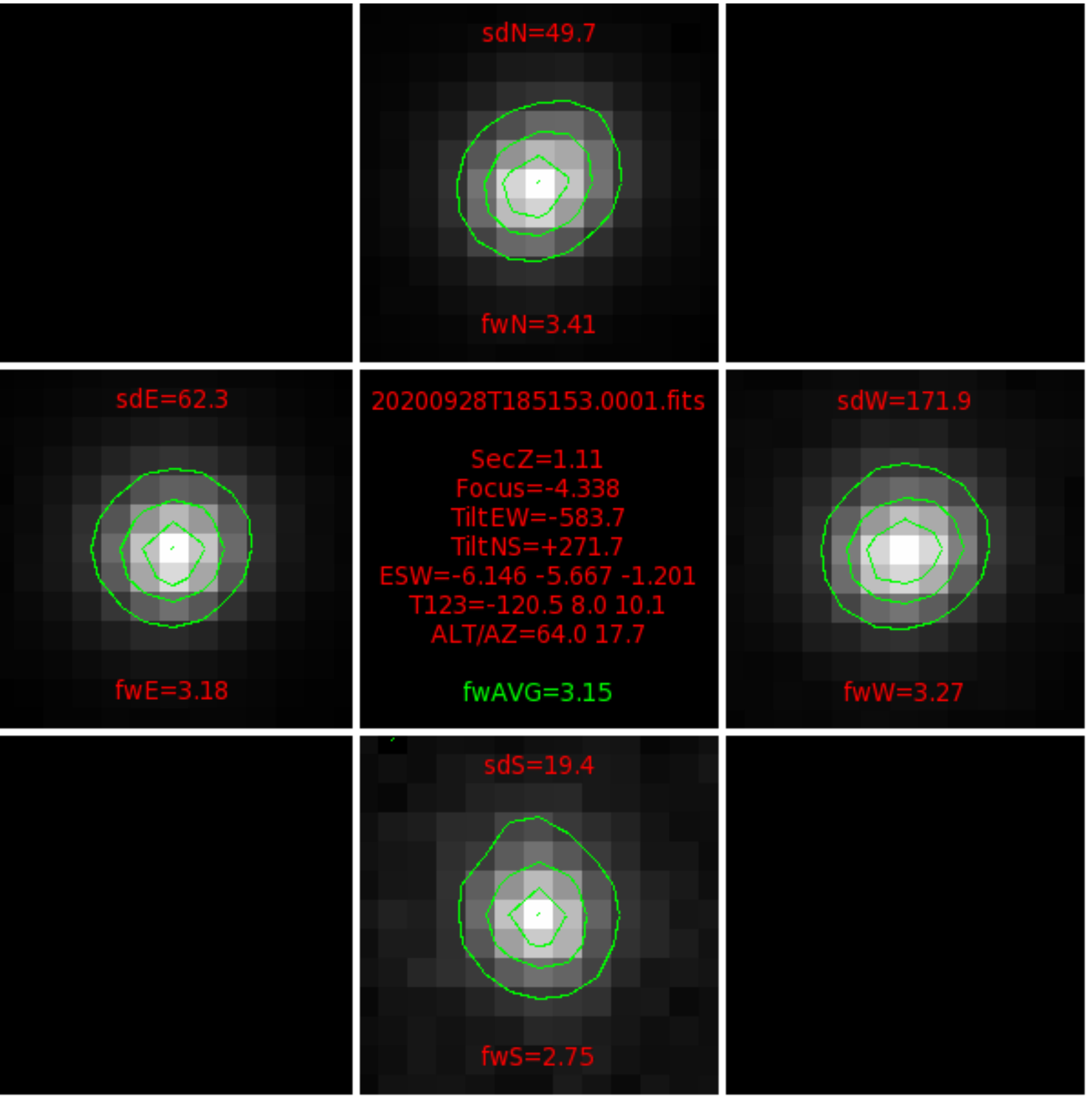

sdN=29.4
fwN=3.59
sdE=38.0
fwE=3.16
20200928T185023.0001.fits
SecZ=1.11
Focus=-4.338
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.146 -5.667 -1.201
T123=-120.4 8.0 10.1
ALT/AZ=63.9 18.1
fwAVG=3.28
sdW=83.6
fwW=3.25
sdS=13.6
fwS=3.14
0 0 0 0 0 0 0 0 0


sdN=49.7
fwN=3.41
sdE=62.3
fwE=3.18
20200928T185153.0001.fits
SecZ=1.11
Focus=-4.338
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.146 -5.667 -1.201
T123=-120.5 8.0 10.1
ALT/AZ=64.0 17.7
fwAVG=3.15
sdW=171.9
fwW=3.27
sdS=19.4
fwS=2.75
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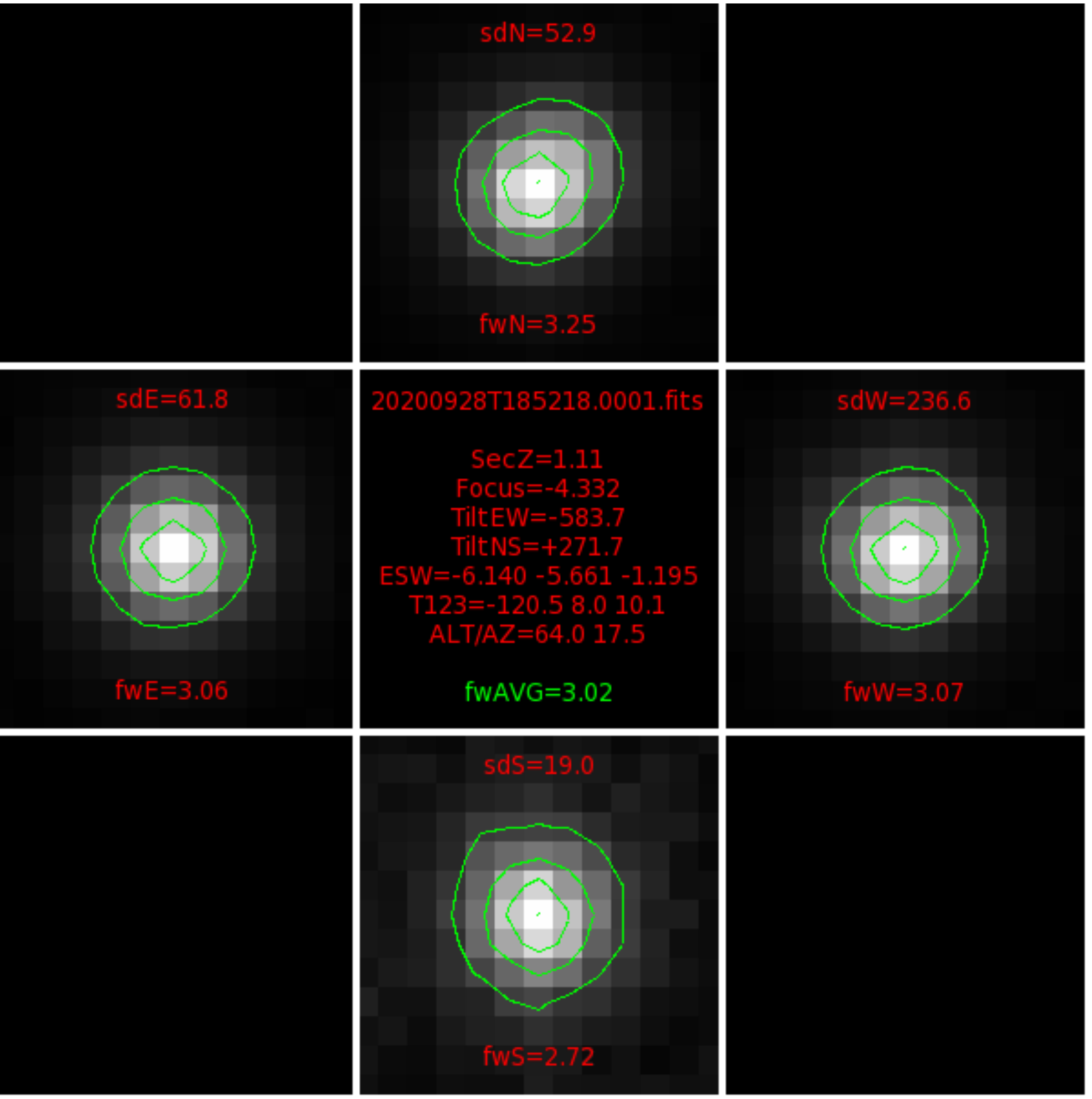
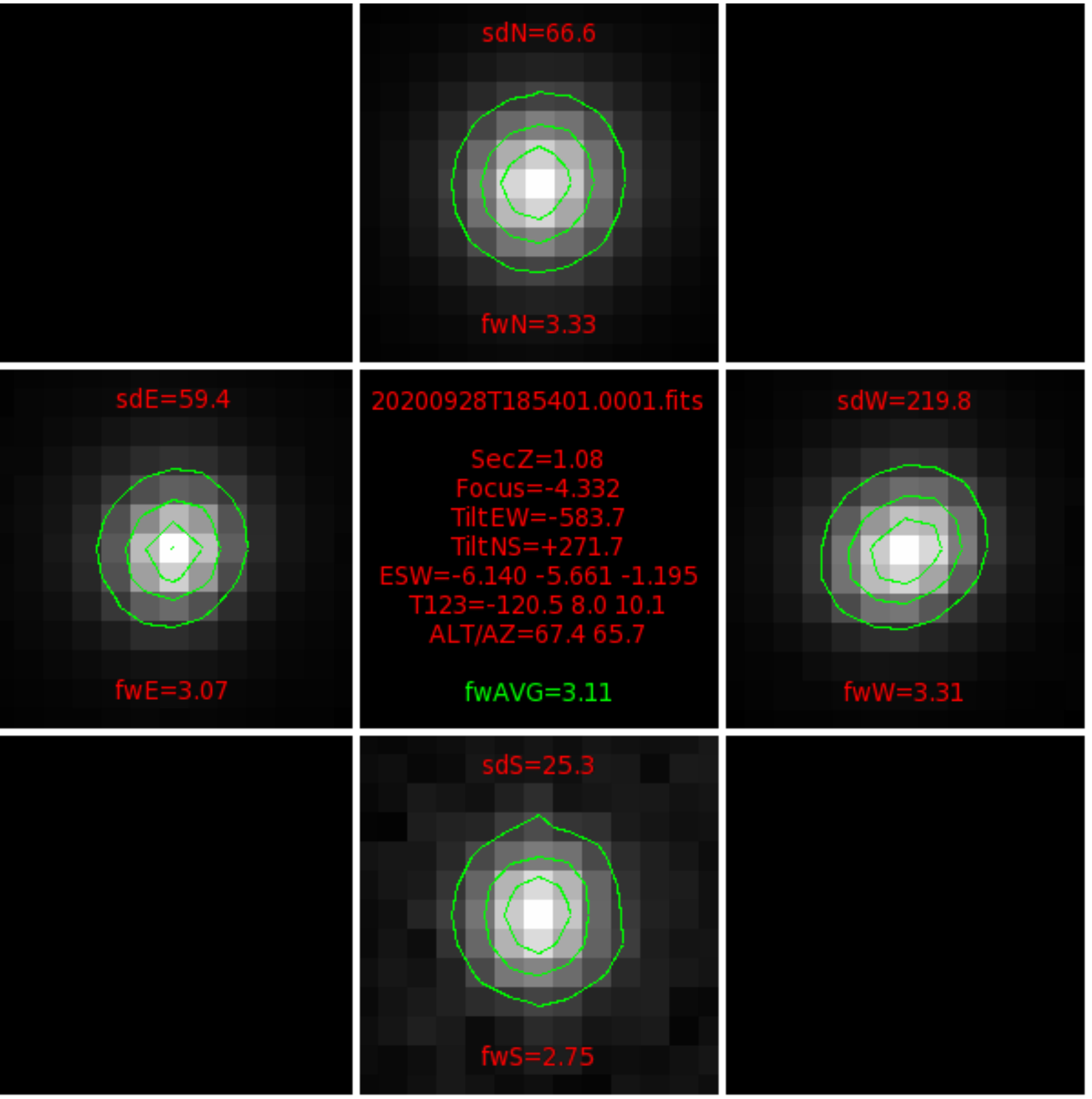
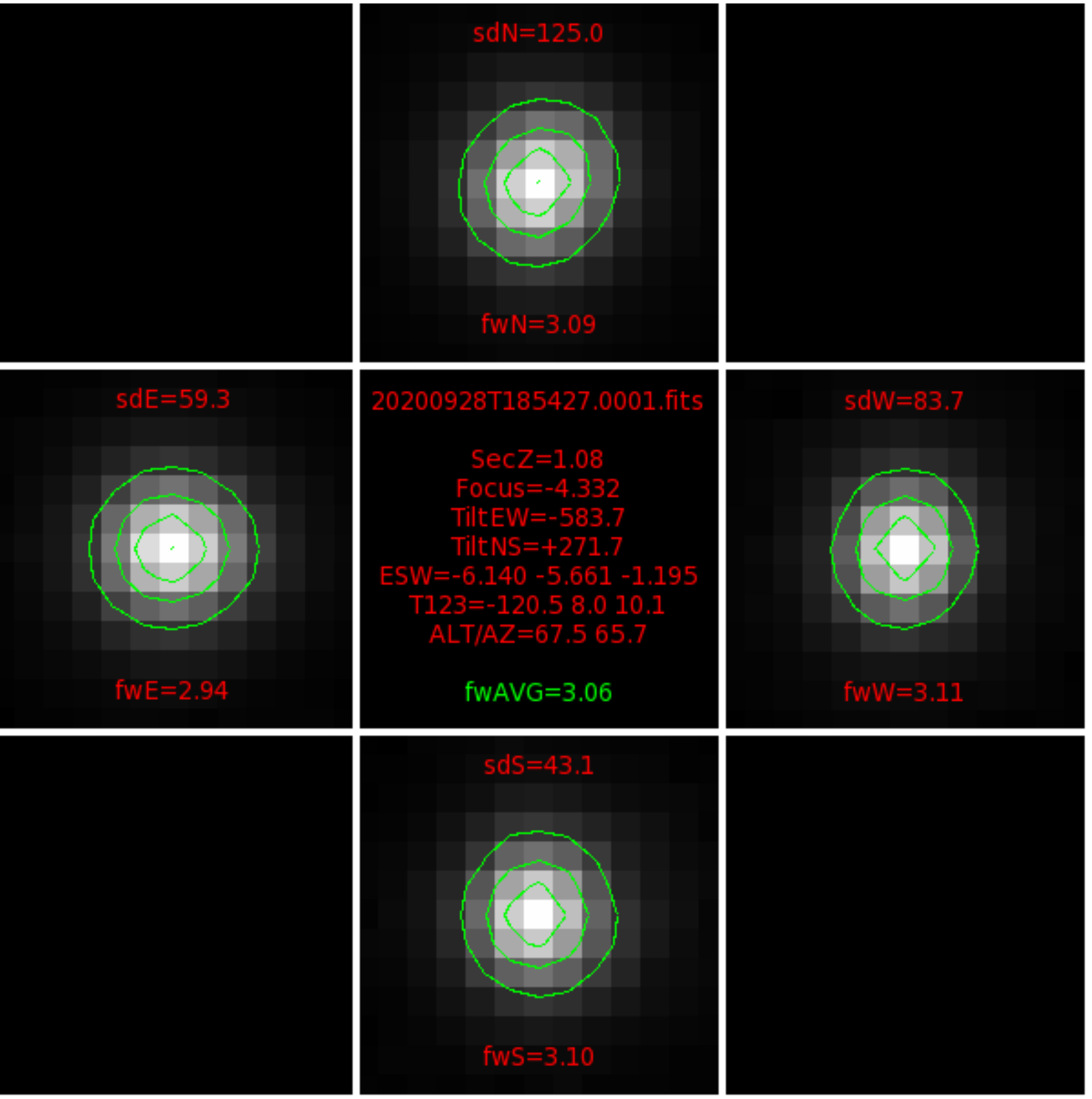

sdN=52.9
fwN=3.25
sdE=61.8
fwE=3.06
20200928T185218.0001.fits
SecZ=1.11
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.5 8.0 10.1
ALT/AZ=64.0 17.5
fwAVG=3.02
sdW=236.6
fwW=3.07
sdS=19.0
fwS=2.72
0 0 0 0 0 0 0 0 0


sdN=66.6
fwN=3.33
sdE=59.4
fwE=3.07
20200928T185401.0001.fits
SecZ=1.08
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.5 8.0 10.1
ALT/AZ=67.4 65.7
fwAVG=3.11
sdW=219.8
fwW=3.31
sdS=25.3
fwS=2.75
0 0 0 0 0 0 0 0 0


sdN=125.0
fwN=3.09
sdE=59.3
fwE=2.94
20200928T185427.0001.fits
SecZ=1.08
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.5 8.0 10.1
ALT/AZ=67.5 65.7
fwAVG=3.06
sdW=83.7
fwW=3.11
sdS=43.1
fwS=3.10
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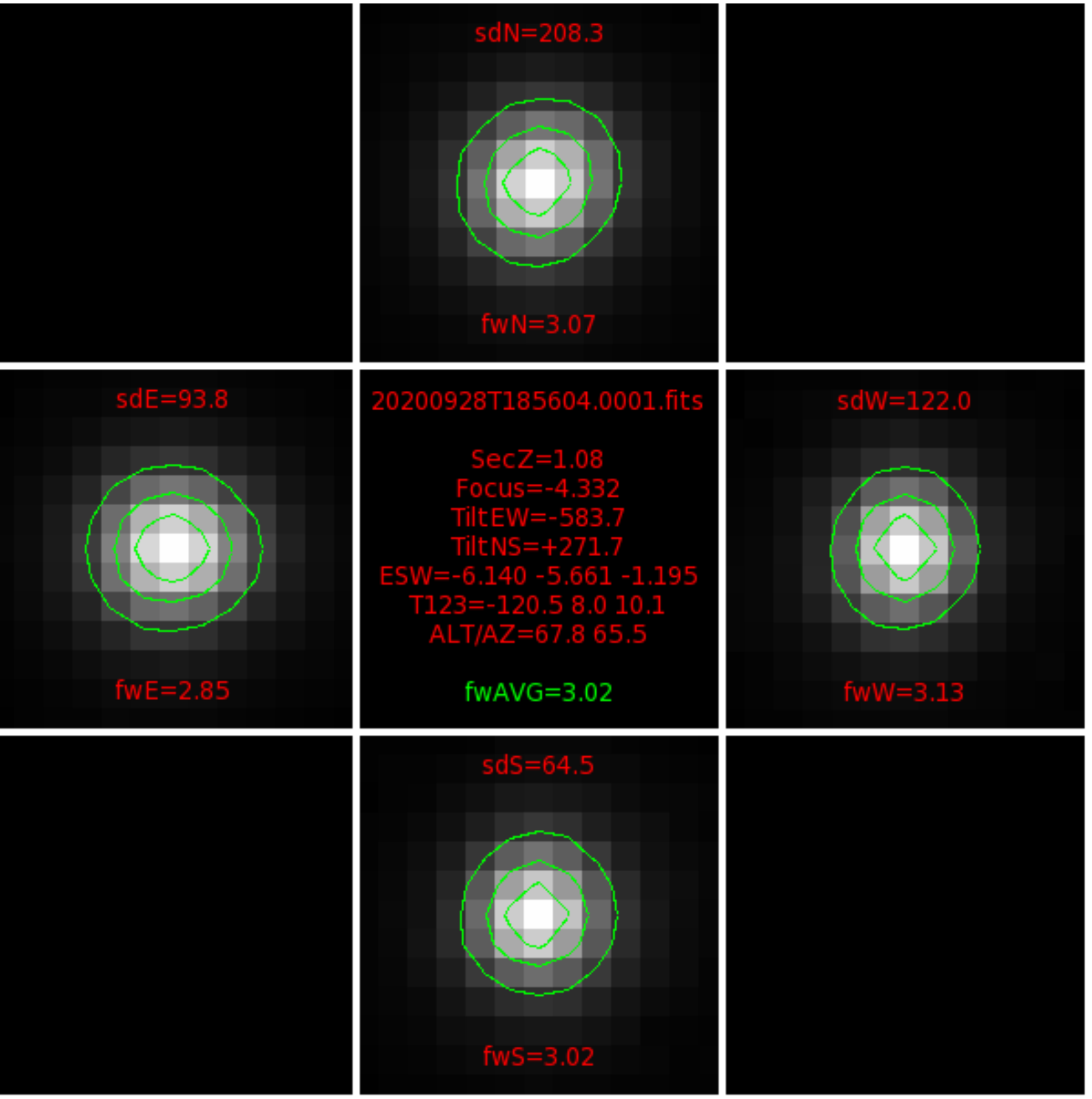
sdN=208.3
fwN=3.07
sdE=93.8
fwE=2.85
20200928T185604.0001.fits
SecZ=1.08
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.5 8.0 10.1
ALT/AZ=67.8 65.5
fwAVG=3.02
sdW=122.0
fwW=3.13
sdS=64.5
fwS=3.02
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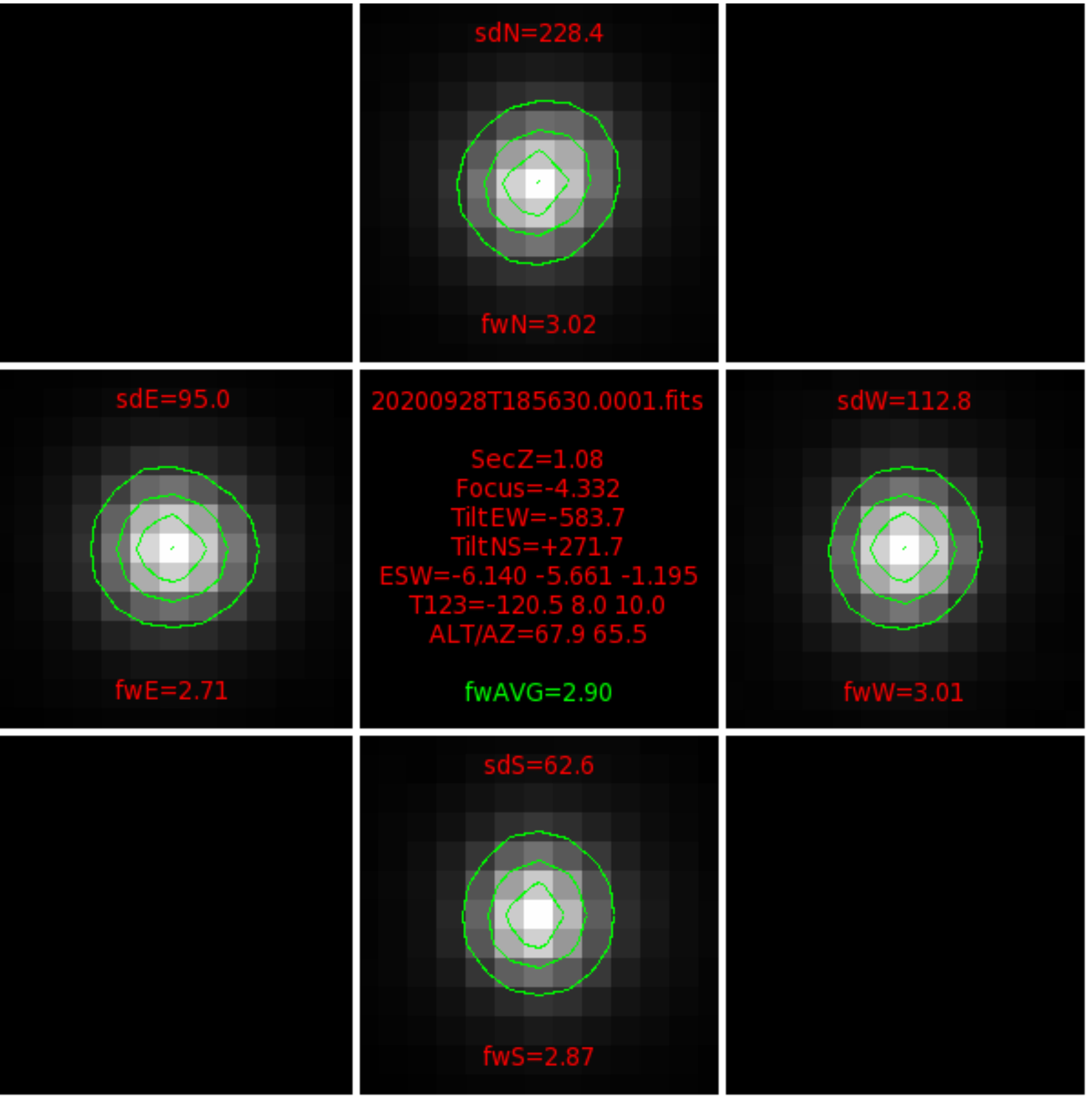
sdN=228.4
fwN=3.02
sdE=95.0
fwE=2.71
20200928T185630.0001.fits
SecZ=1.08
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.5 8.0 10.0
ALT/AZ=67.9 65.5
fwAVG=2.90
sdW=112.8
fwW=3.01
sdS=62.6
fwS=2.87
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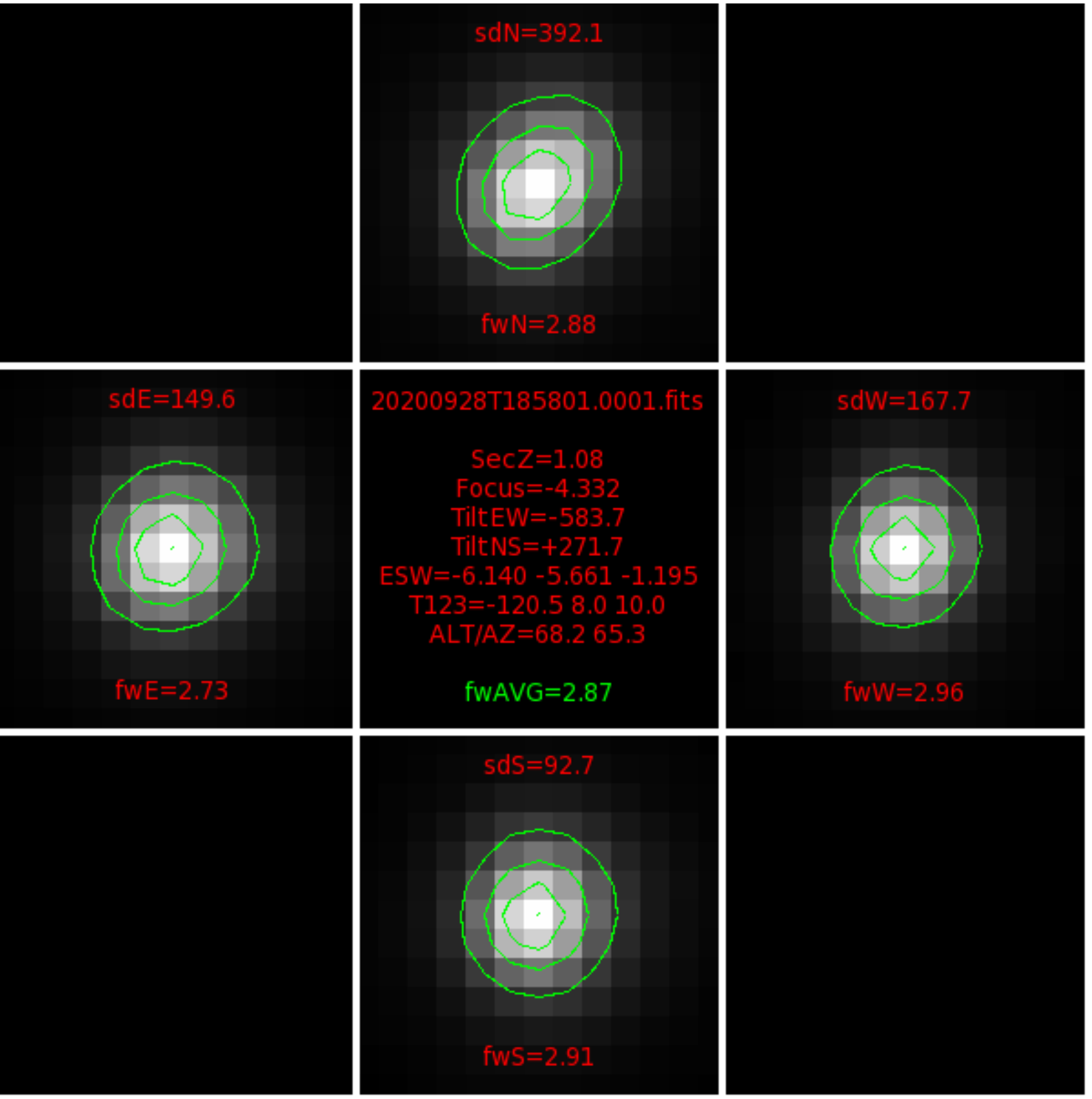
sdN=392.1
fwN=2.88
sdE=149.6
fwE=2.73
20200928T185801.0001.fits
SecZ=1.08
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.5 8.0 10.0
ALT/AZ=68.2 65.3
fwAVG=2.87
sdW=167.7
fwW=2.96
sdS=92.7
fwS=2.91
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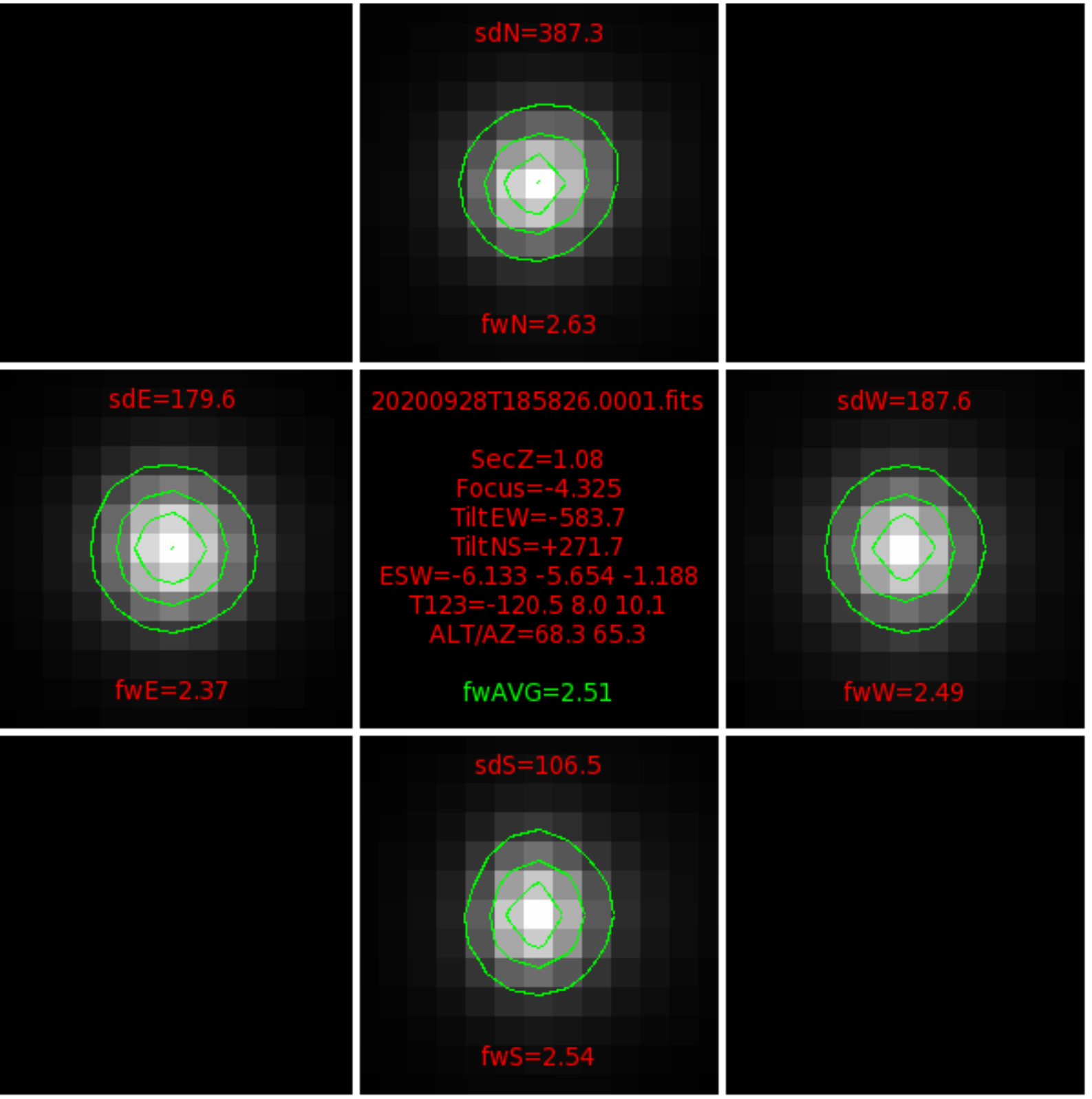
sdN=387.3
fwN=2.63
sdE=179.6
fwE=2.37
20200928T185826.0001.fits
SecZ=1.08
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.5 8.0 10.1
ALT/AZ=68.3 65.3
fwAVG=2.51
sdW=187.6
fwW=2.49
sdS=106.5
fwS=2.54
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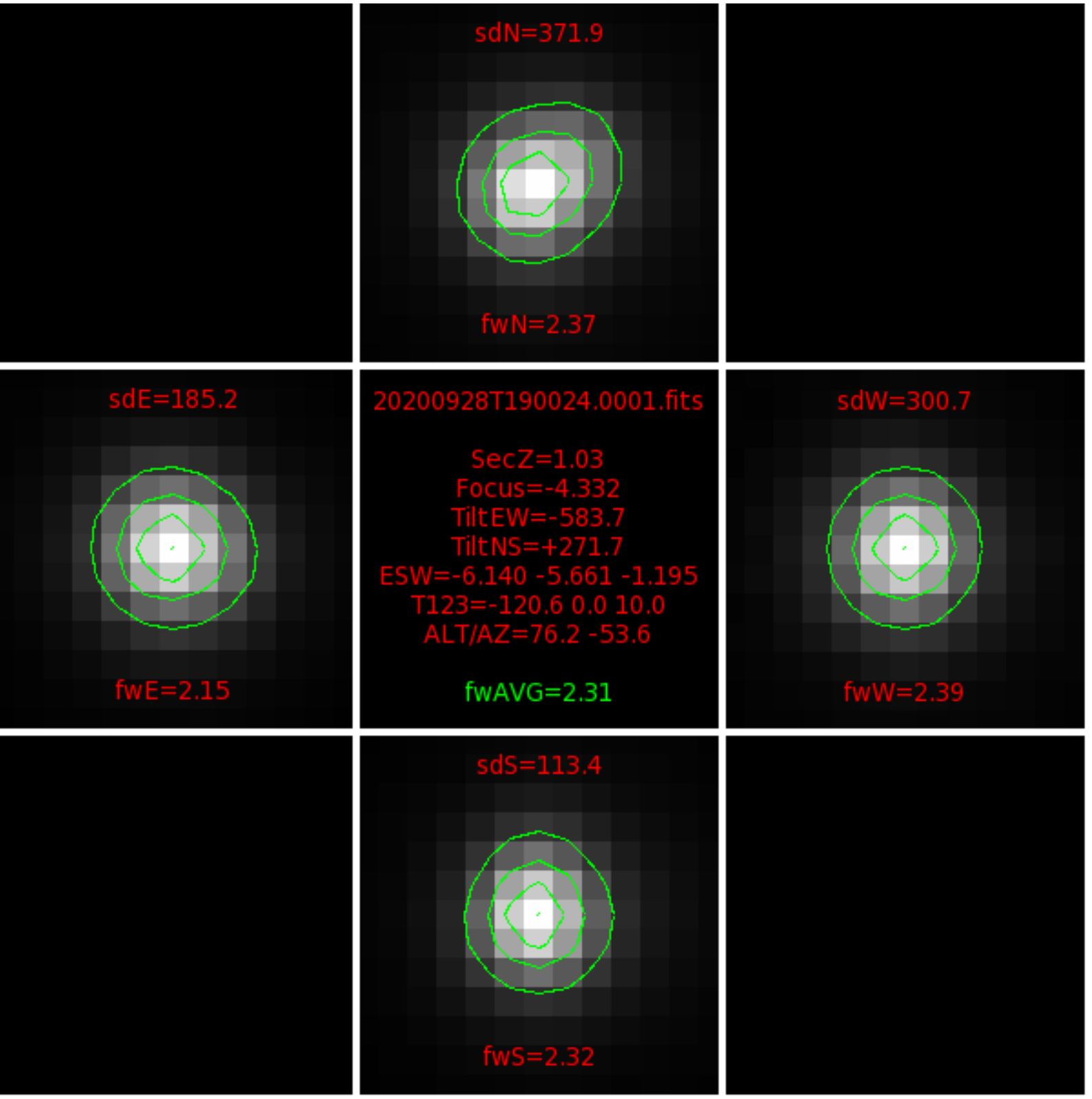
sdN=371.9
fwN=2.37
sdE=185.2
fwE=2.15
20200928T190024.0001.fits
SecZ=1.03
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.6 0.0 10.0
ALT/AZ=76.2 -53.6
fwAVG=2.31
sdW=300.7
fwW=2.39
sdS=113.4
fwS=2.32
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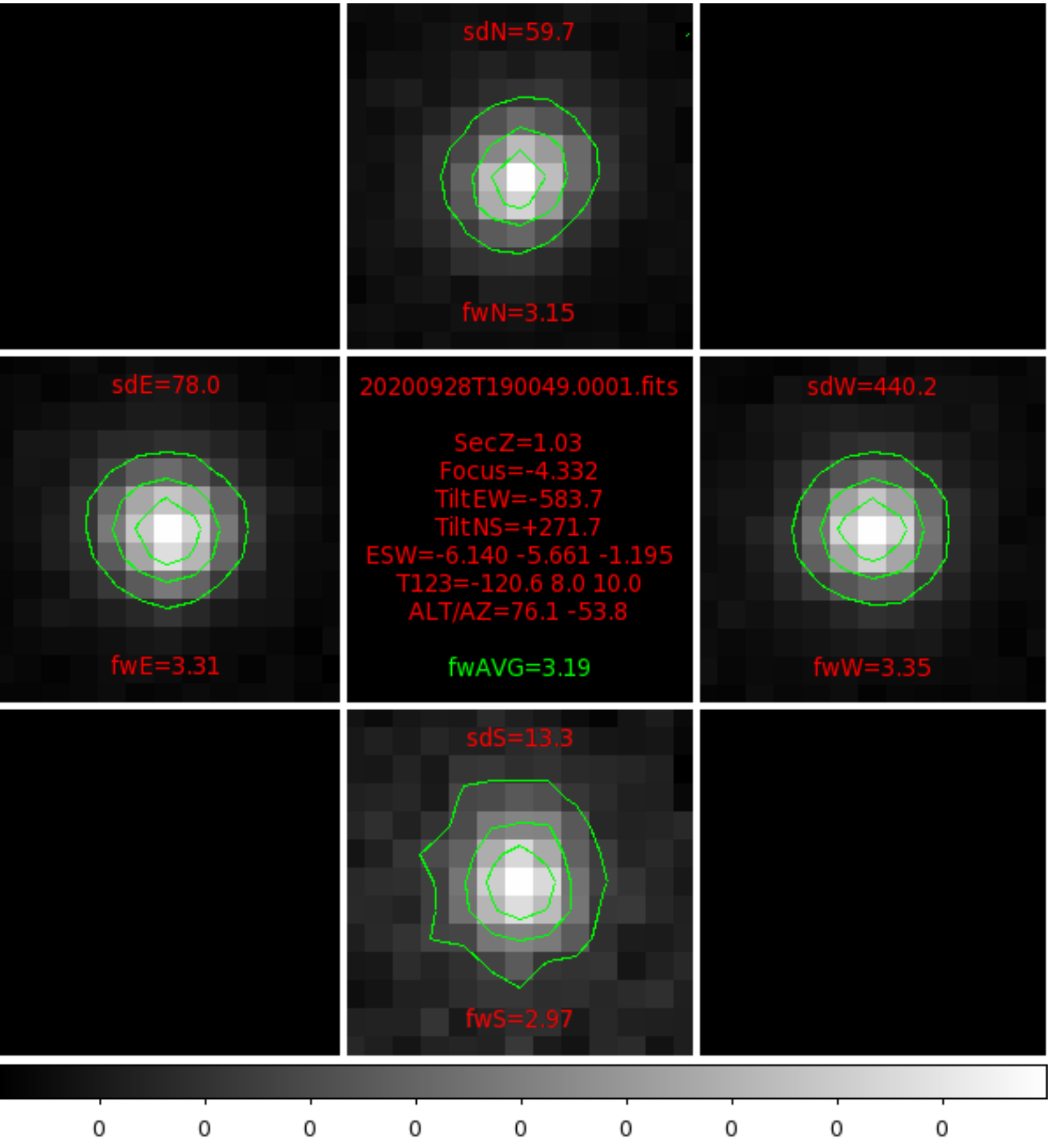
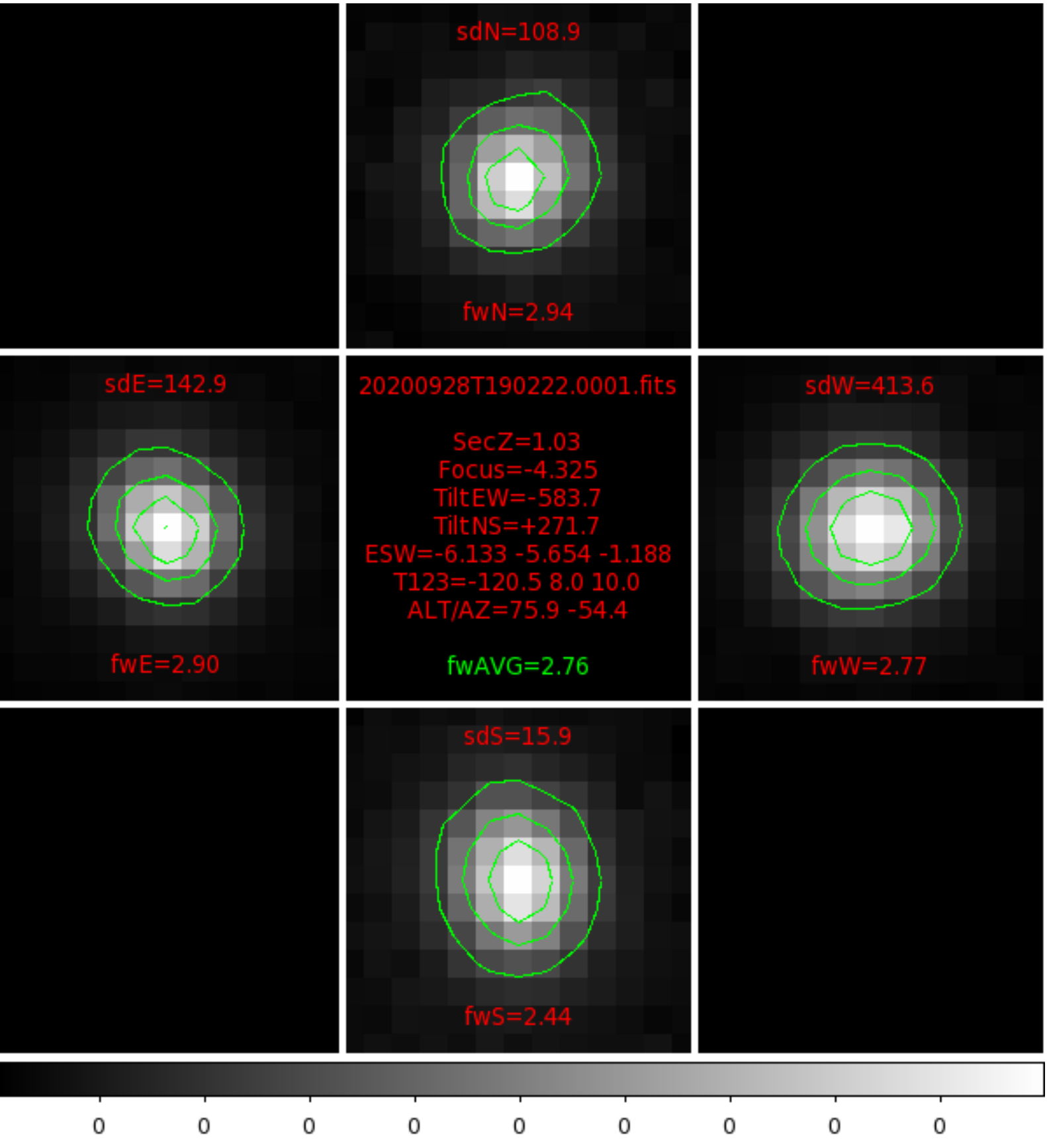

sdN=59.7
fwN=3.15
sdE=78.0
fwE=3.31
20200928T190049.0001.fits
SecZ=1.03
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.6 8.0 10.0
ALT/AZ=76.1 -53.8
fwAVG=3.19
sdW=440.2
fwW=3.35
sdS=13.3
fwS=2.97
0 0 0 0 0 0 0 0 0


sdN=108.9
fwN=2.94
sdE=142.9
fwE=2.90
20200928T190222.0001.fits
SecZ=1.03
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.5 8.0 10.0
ALT/AZ=75.9 -54.4
fwAVG=2.76
sdW=413.6
fwW=2.77
sdS=15.9
fwS=2.44
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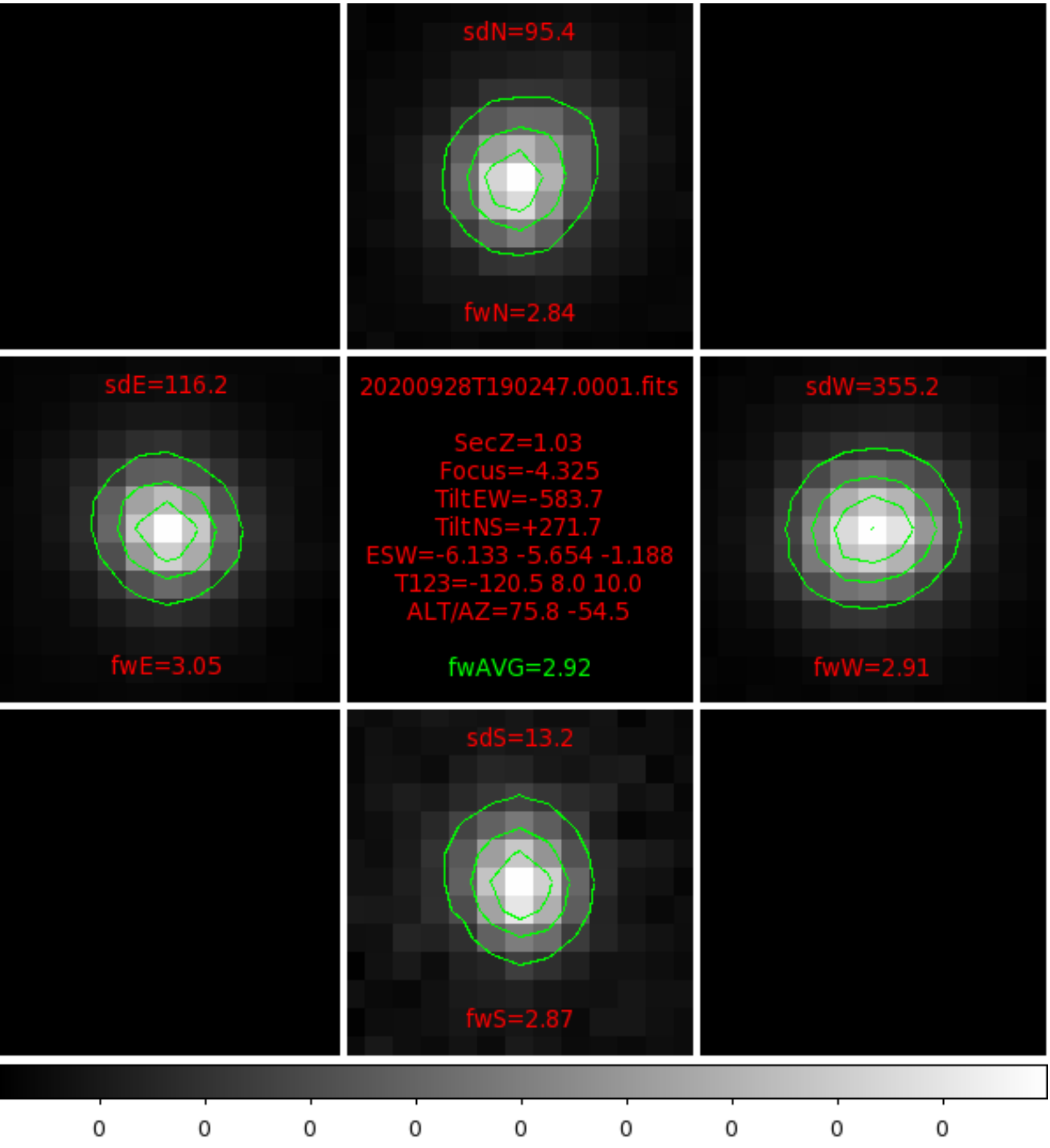
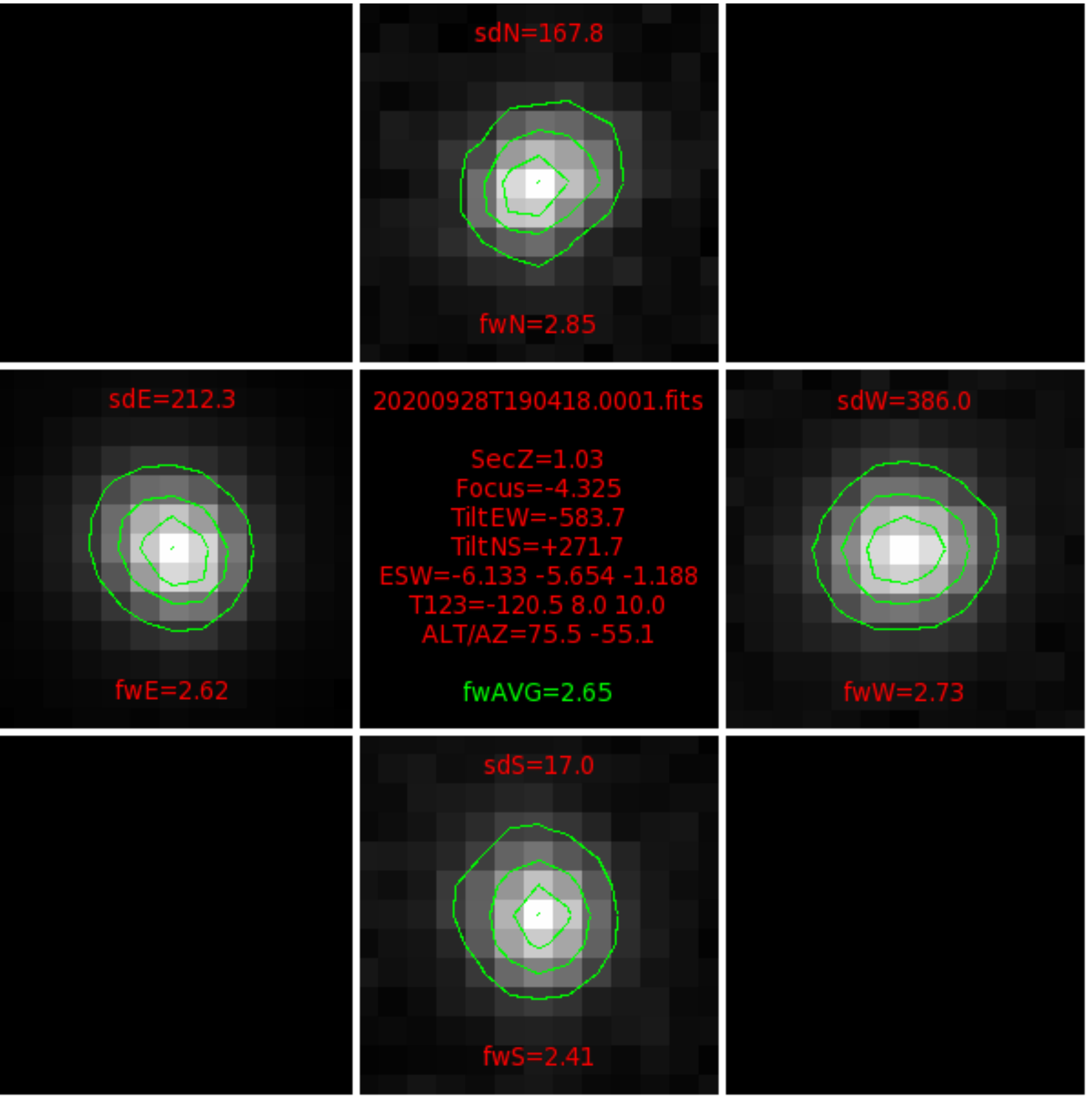
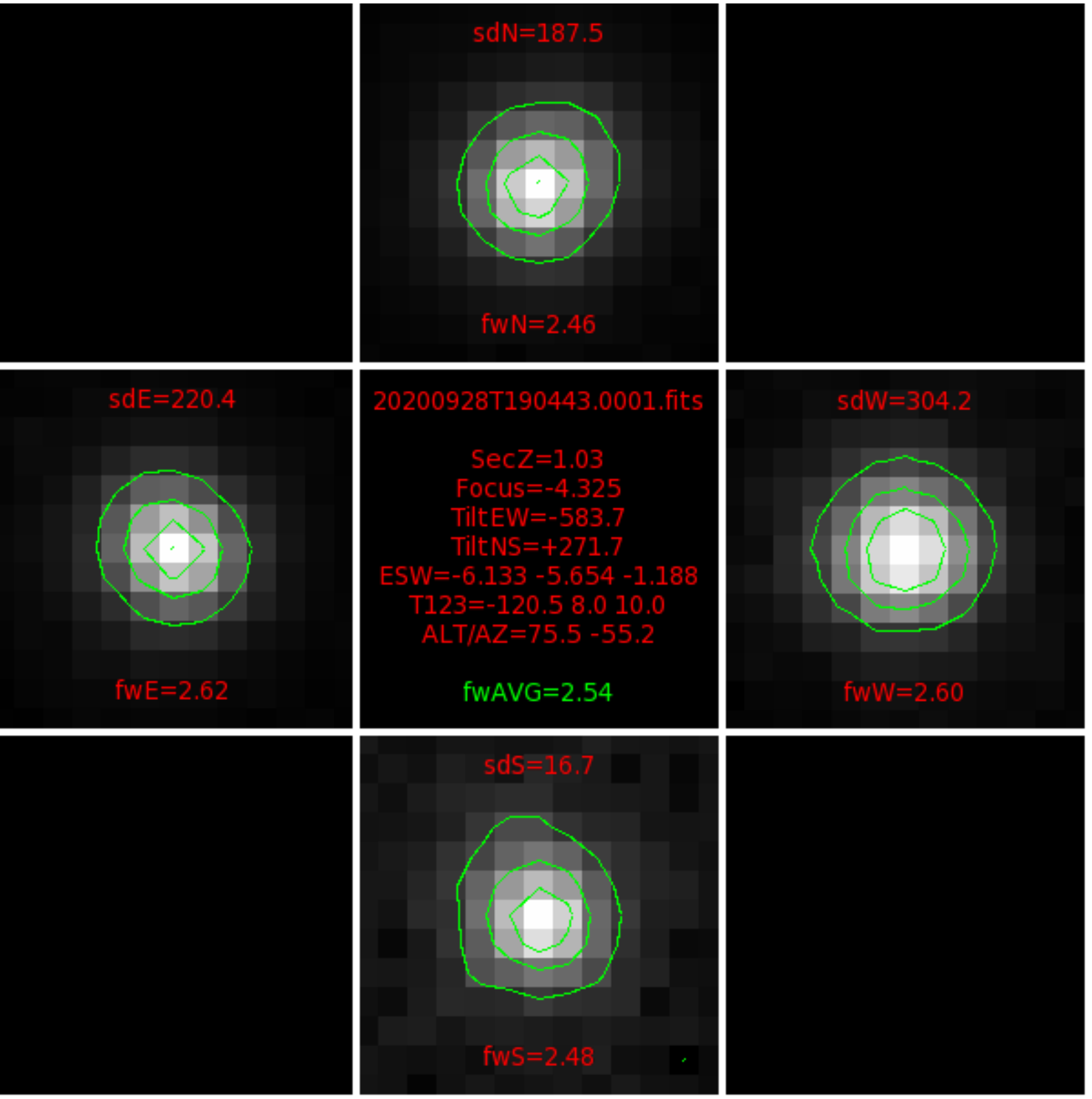

sdN=95.4
fwN=2.84
sdE=116.2
fwE=3.05
20200928T190247.0001.fits
SecZ=1.03
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.5 8.0 10.0
ALT/AZ=75.8 -54.5
fwAVG=2.92
sdW=355.2
fwW=2.91
sdS=13.2
fwS=2.87
0 0 0 0 0 0 0 0 0


sdN=167.8
fwN=2.85
sdE=212.3
fwE=2.62
20200928T190418.0001.fits
SecZ=1.03
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.5 8.0 10.0
ALT/AZ=75.5 -55.1
fwAVG=2.65
sdW=386.0
fwW=2.73
sdS=17.0
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=187.5
fwN=2.46
sdE=220.4
fwE=2.62
20200928T190443.0001.fits
SecZ=1.03
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.5 8.0 10.0
ALT/AZ=75.5 -55.2
fwAVG=2.54
sdW=304.2
fwW=2.60
sdS=16.7
fwS=2.48
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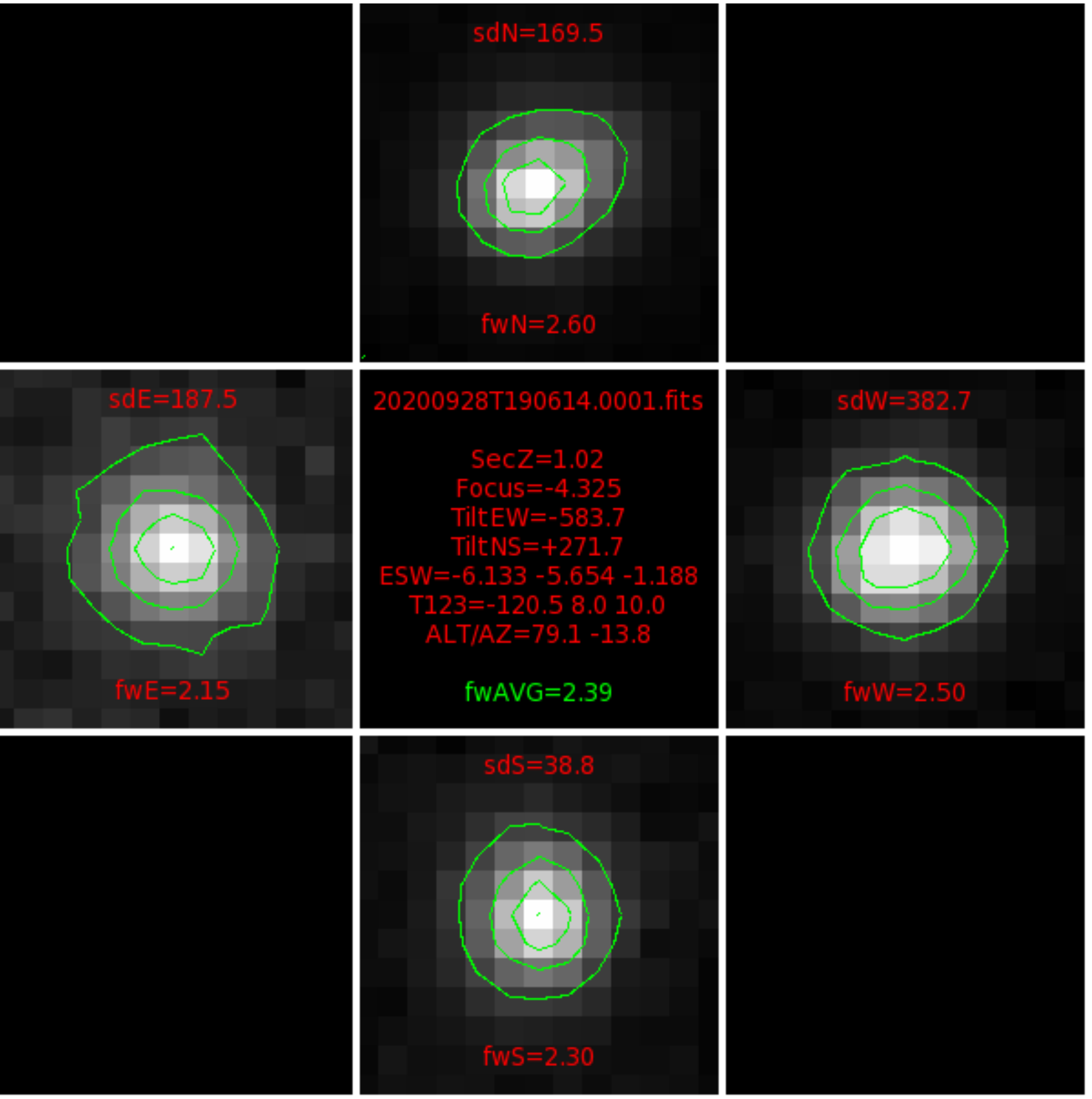
sdN=169.5
fwN=2.60
sdE=187.5
fwE=2.15
20200928T190614.0001.fits
SecZ=1.02
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.5 8.0 10.0
ALT/AZ=79.1 -13.8
fwAVG=2.39
sdW=382.7
fwW=2.50
sdS=38.8
fwS=2.30
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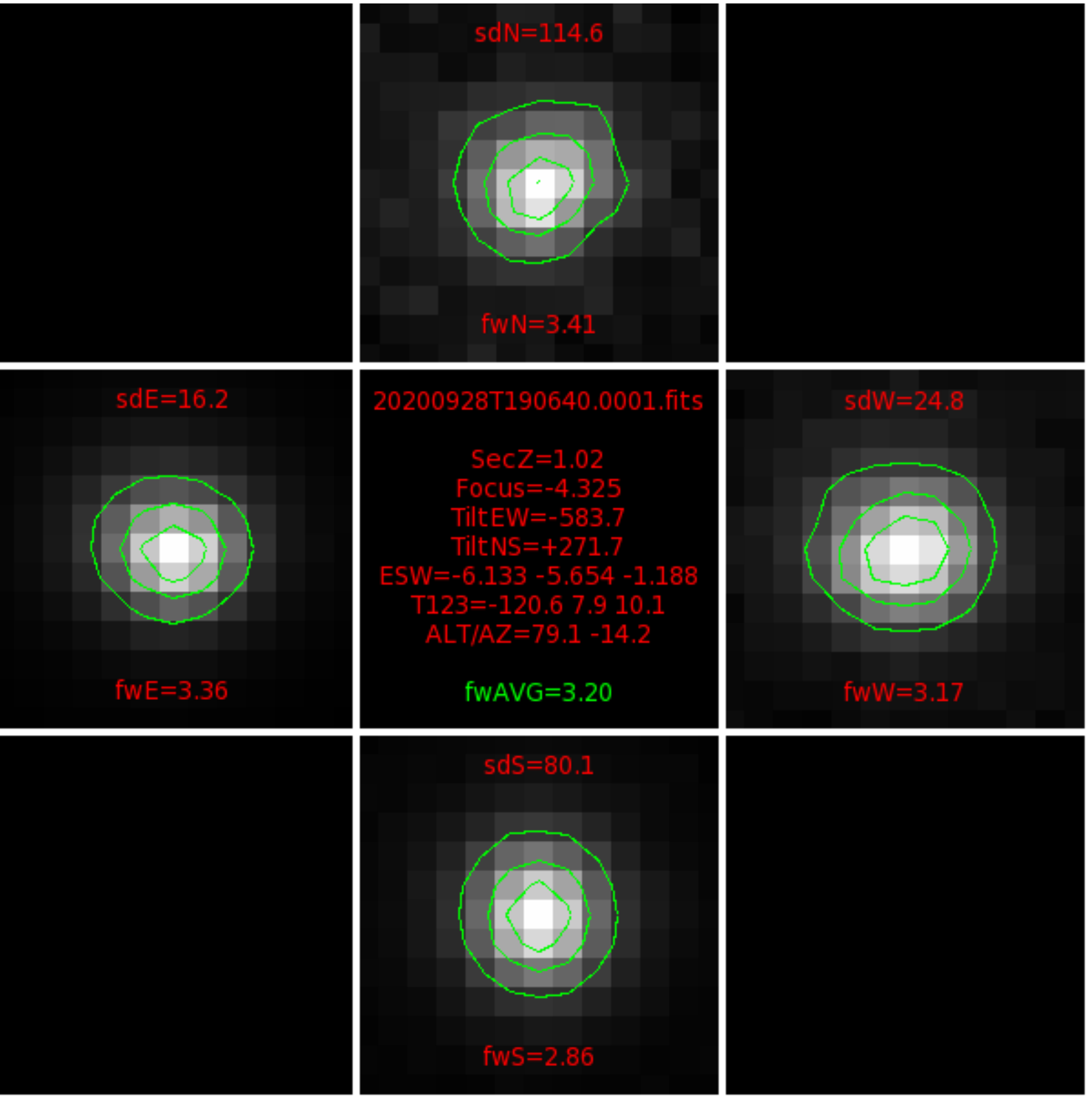
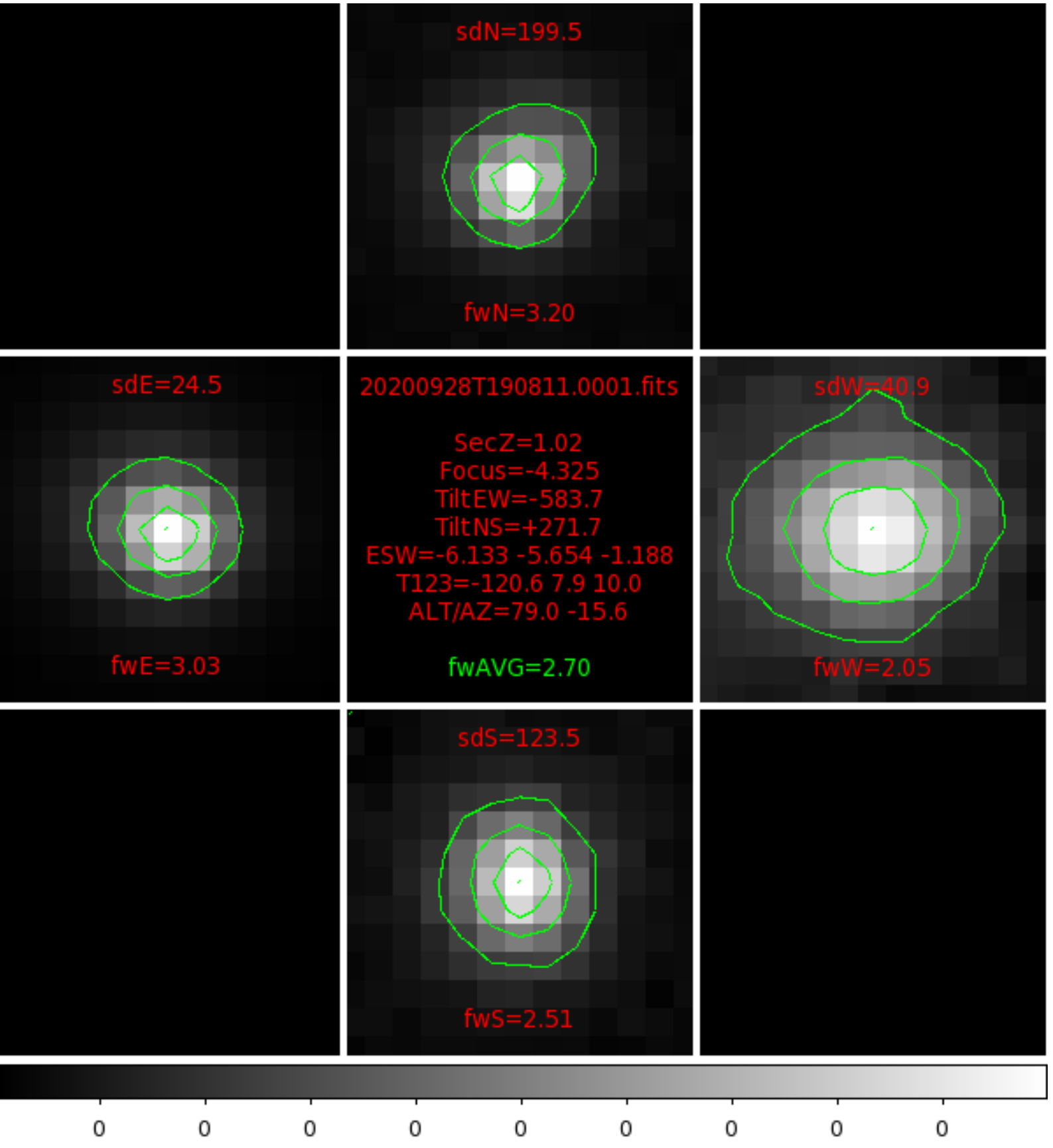

sdN=114.6
fwN=3.41
sdE=16.2
fwE=3.36
20200928T190640.0001.fits
SecZ=1.02
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.6 7.9 10.1
ALT/AZ=79.1 -14.2
fwAVG=3.20
sdW=24.8
fwW=3.17
sdS=80.1
fwS=2.86
0 0 0 0 0 0 0 0 0


sdN=199.5
fwN=3.20
sdE=24.5
fwE=3.03
20200928T190811.0001.fits
SecZ=1.02
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.6 7.9 10.0
ALT/AZ=79.0 -15.6
fwAVG=2.70
sdW=40.9
fwW=2.05
sdS=123.5
fwS=2.51
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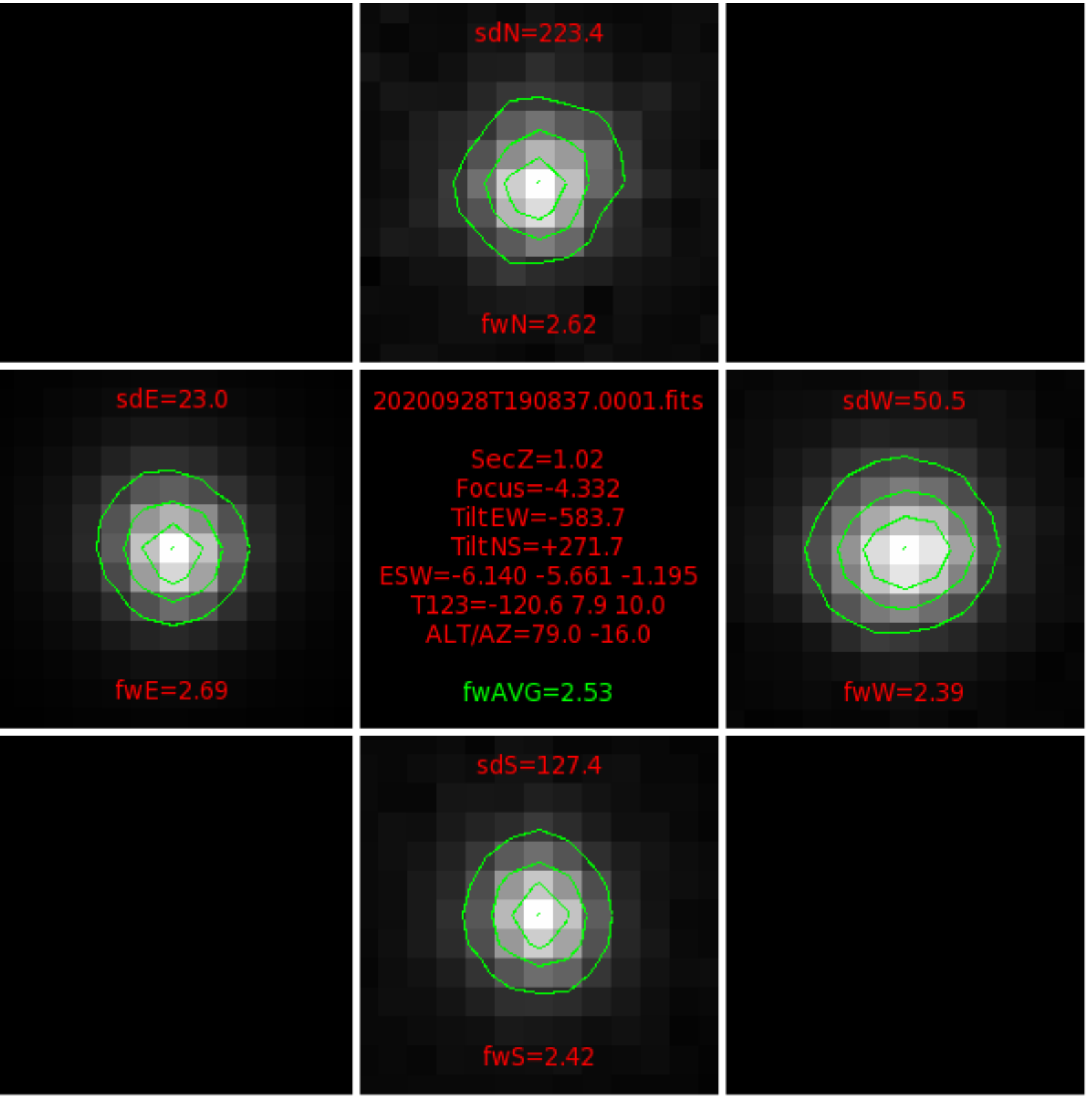
sdN=223.4
fwN=2.62
sdE=23.0
fwE=2.69
20200928T190837.0001.fits
SecZ=1.02
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.6 7.9 10.0
ALT/AZ=79.0 -16.0
fwAVG=2.53
sdW=50.5
fwW=2.39
sdS=127.4
fwS=2.42
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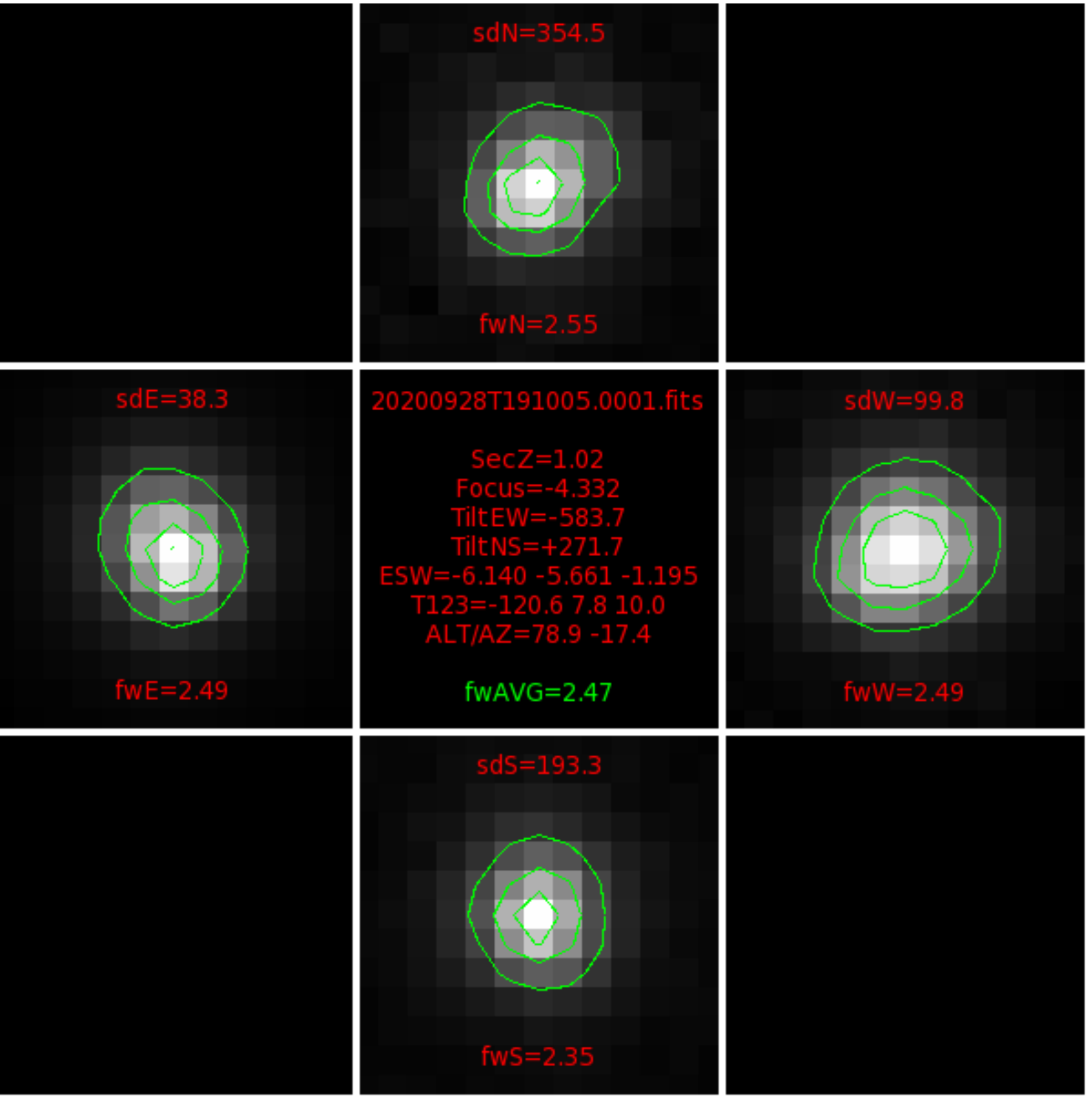
sdN=354.5
fwN=2.55
sdE=38.3
fwE=2.49
20200928T191005.0001.fits
SecZ=1.02
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.6 7.8 10.0
ALT/AZ=78.9 -17.4
fwAVG=2.47
sdW=99.8
fwW=2.49
sdS=193.3
fwS=2.35
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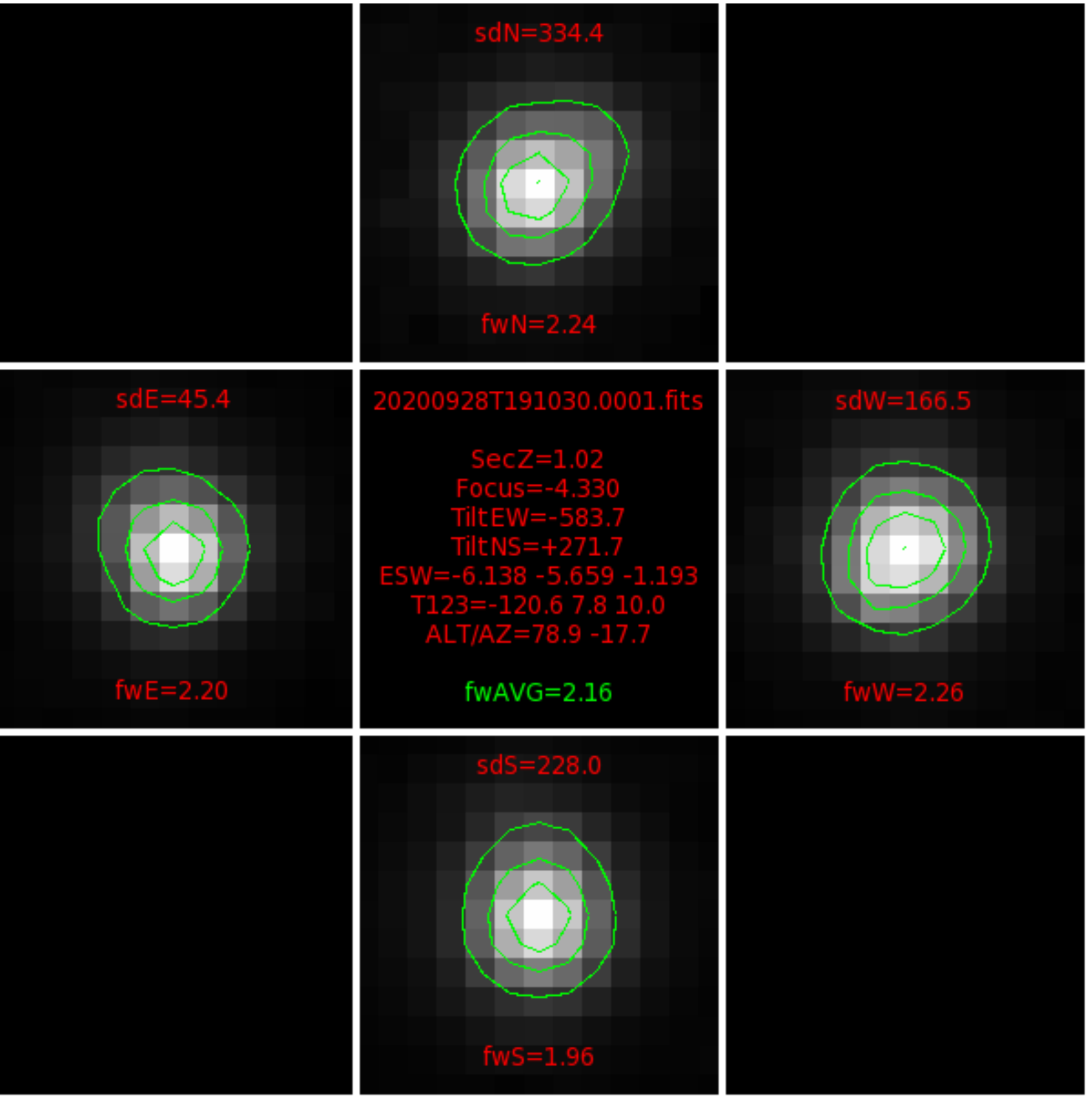
sdN=334.4
fwN=2.24
sdE=45.4
fwE=2.20
20200928T191030.0001.fits
SecZ=1.02
Focus=-4.330
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.138 -5.659 -1.193
T123=-120.6 7.8 10.0
ALT/AZ=78.9 -17.7
fwAVG=2.16
sdW=166.5
fwW=2.26
sdS=228.0
fwS=1.96
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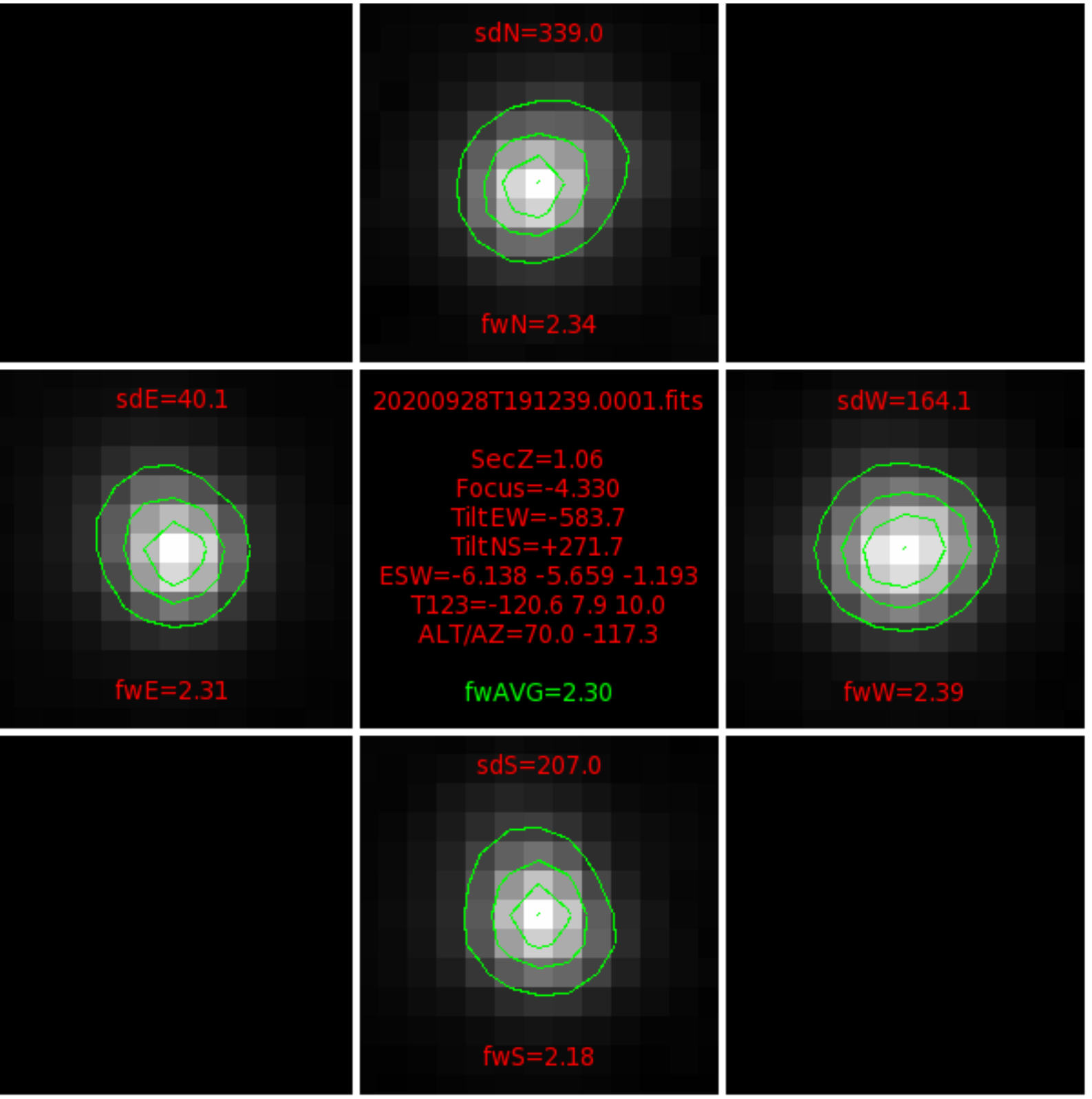
sdN=339.0
fwN=2.34
sdE=40.1
fwE=2.31
20200928T191239.0001.fits
SecZ=1.06
Focus=-4.330
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.138 -5.659 -1.193
T123=-120.6 7.9 10.0
ALT/AZ=70.0 -117.3
fwAVG=2.30
sdW=164.1
fwW=2.39
sdS=207.0
fwS=2.18
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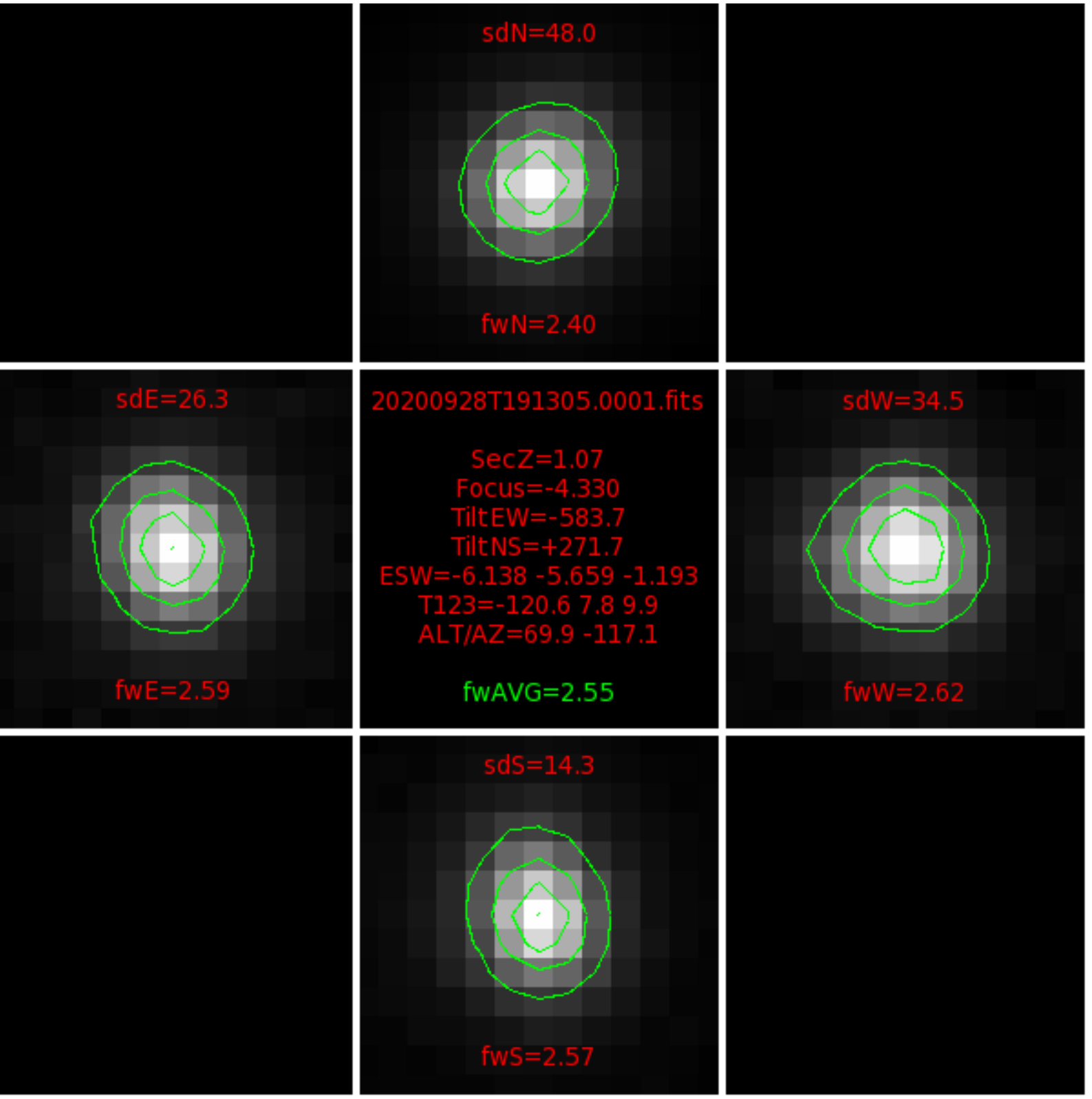
sdN=48.0
fwN=2.40
sdE=26.3
fwE=2.59
20200928T191305.0001.fits
SecZ=1.07
Focus=-4.330
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.138 -5.659 -1.193
T123=-120.6 7.8 9.9
ALT/AZ=69.9 -117.1
fwAVG=2.55
sdW=34.5
fwW=2.62
sdS=14.3
fwS=2.57
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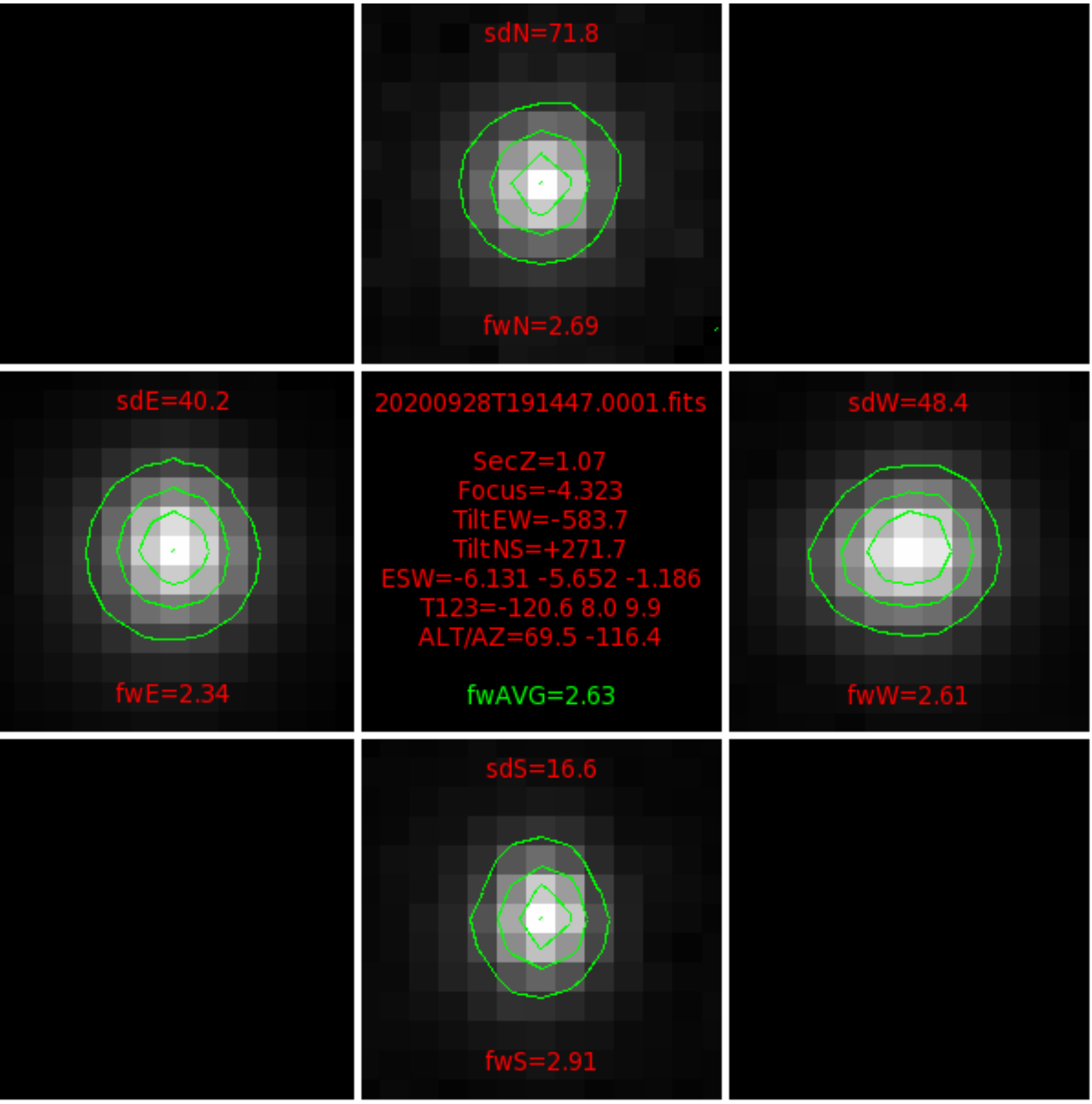
sdN=71.8
fwN=2.69
sdE=40.2
fwE=2.34
20200928T191447.0001.fits
SecZ=1.07
Focus=-4.323
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.131 -5.652 -1.186
T123=-120.6 8.0 9.9
ALT/AZ=69.5 -116.4
fwAVG=2.63
sdW=48.4
fwW=2.61
sdS=16.6
fwS=2.91
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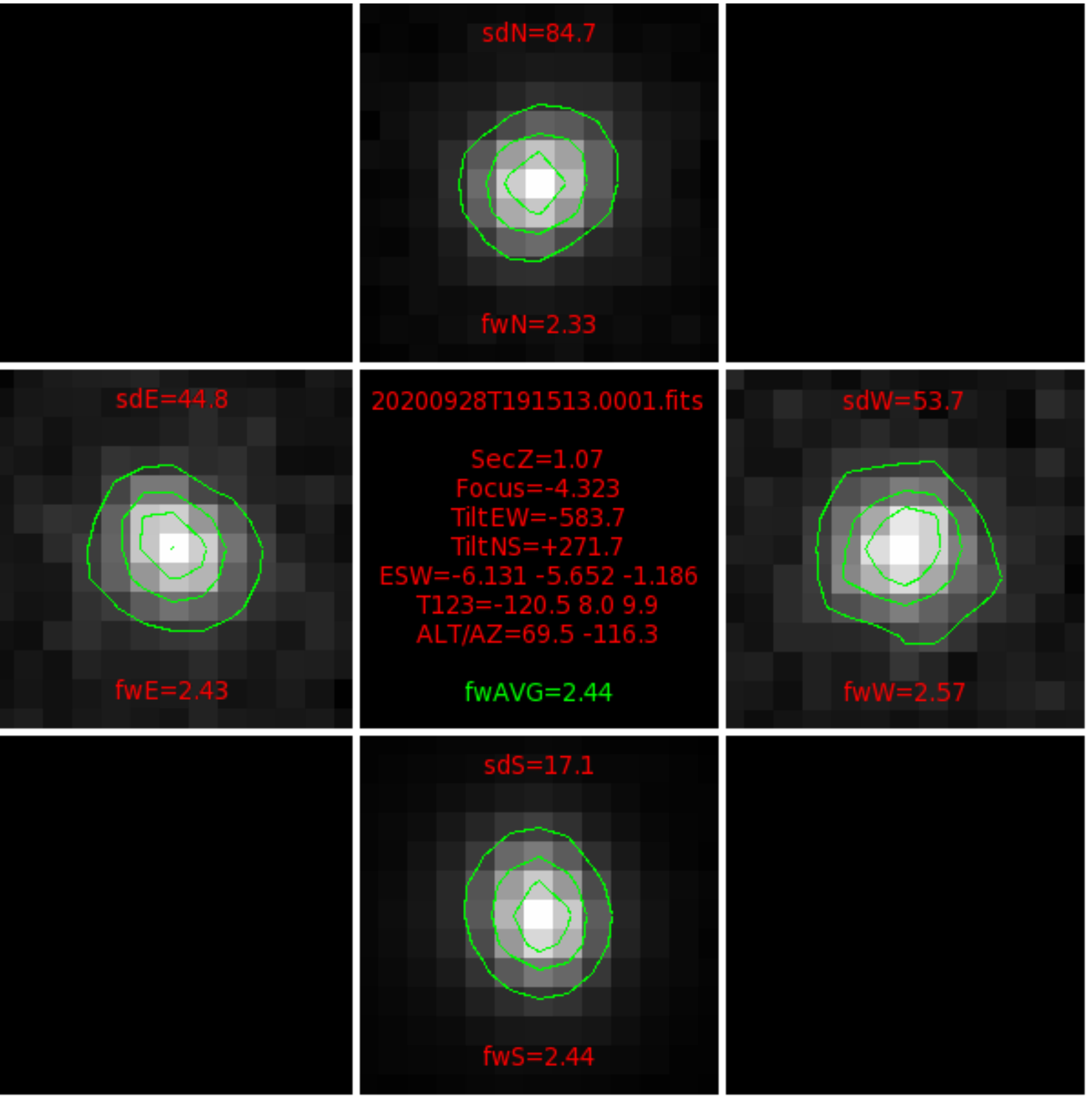
sdN=84.7
fwN=2.33
sdE=44.8
fwE=2.43
20200928T191513.0001.fits
SecZ=1.07
Focus=-4.323
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.131 -5.652 -1.186
T123=-120.5 8.0 9.9
ALT/AZ=69.5 -116.3
fwAVG=2.44
sdW=53.7
fwW=2.57
sdS=17.1
fwS=2.44
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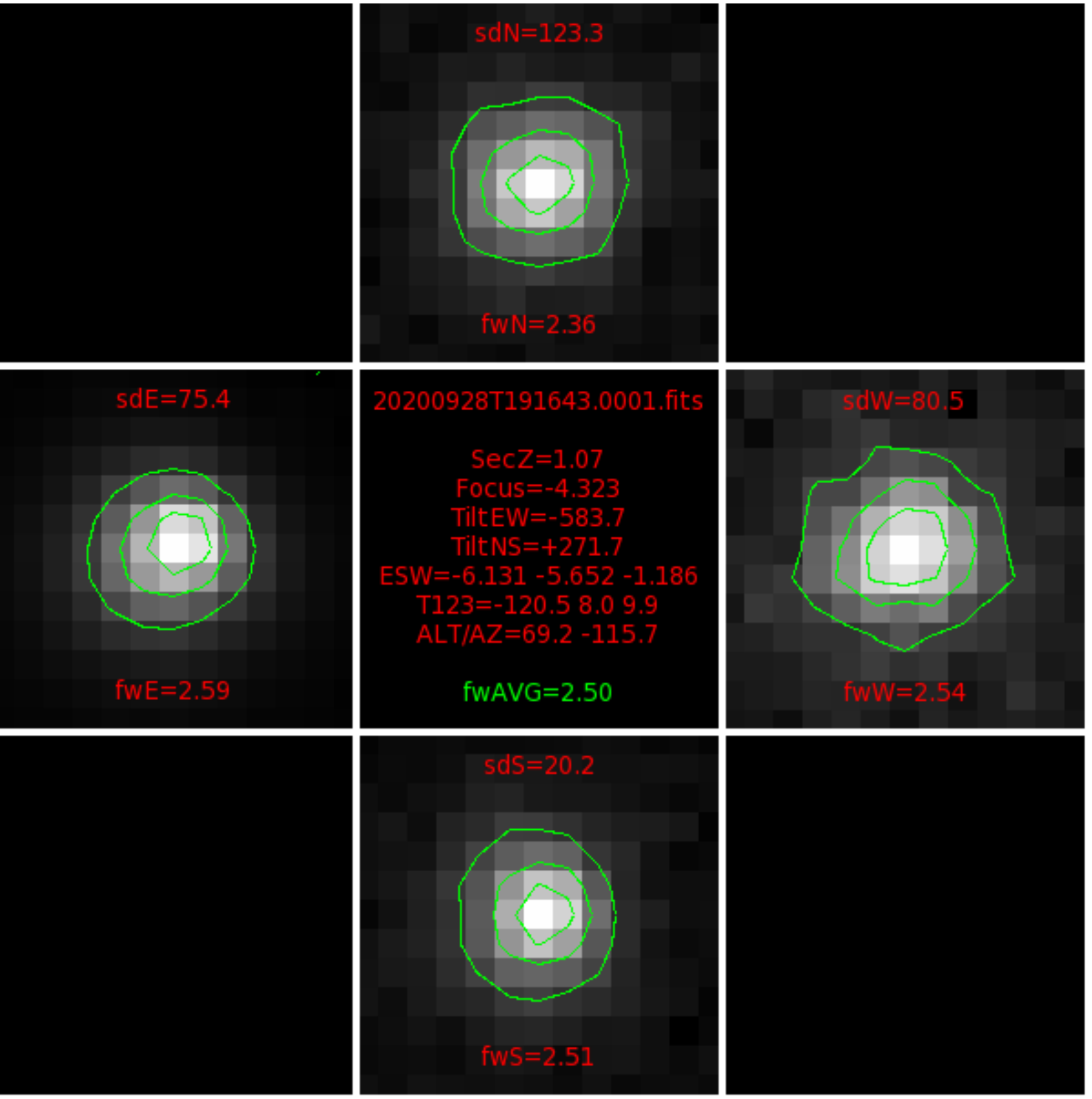
sdN=123.3
fwN=2.36
sdE=75.4
fwE=2.59
20200928T191643.0001.fits
SecZ=1.07
Focus=-4.323
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.131 -5.652 -1.186
T123=-120.5 8.0 9.9
ALT/AZ=69.2 -115.7
fwAVG=2.50
sdW=80.5
fwW=2.54
sdS=20.2
fwS=2.51
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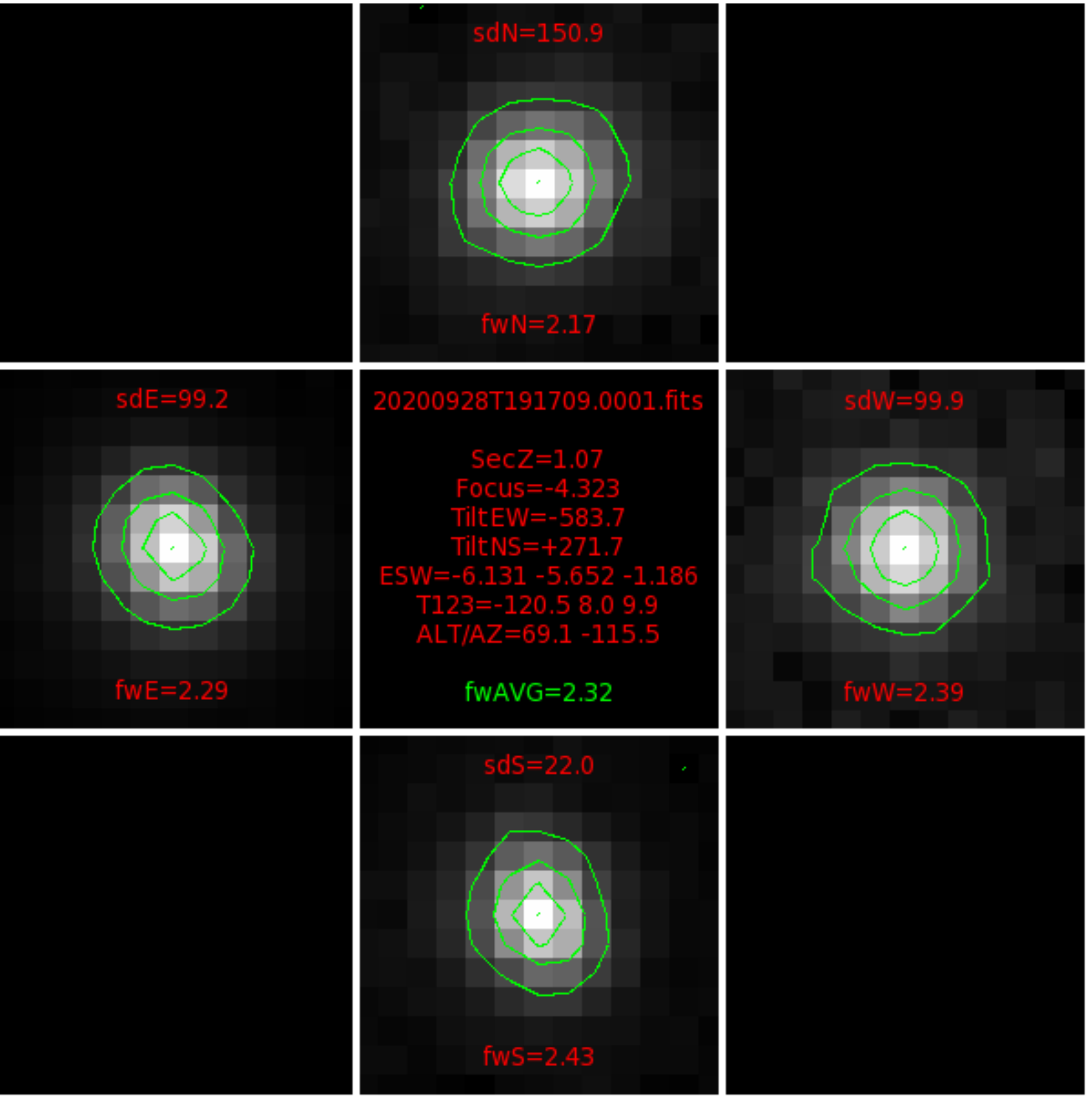
sdN=150.9
fwN=2.17
sdE=99.2
fwE=2.29
20200928T191709.0001.fits
SecZ=1.07
Focus=-4.323
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.131 -5.652 -1.186
T123=-120.5 8.0 9.9
ALT/AZ=69.1 -115.5
fwAVG=2.32
sdW=99.9
fwW=2.39
sdS=22.0
fwS=2.43
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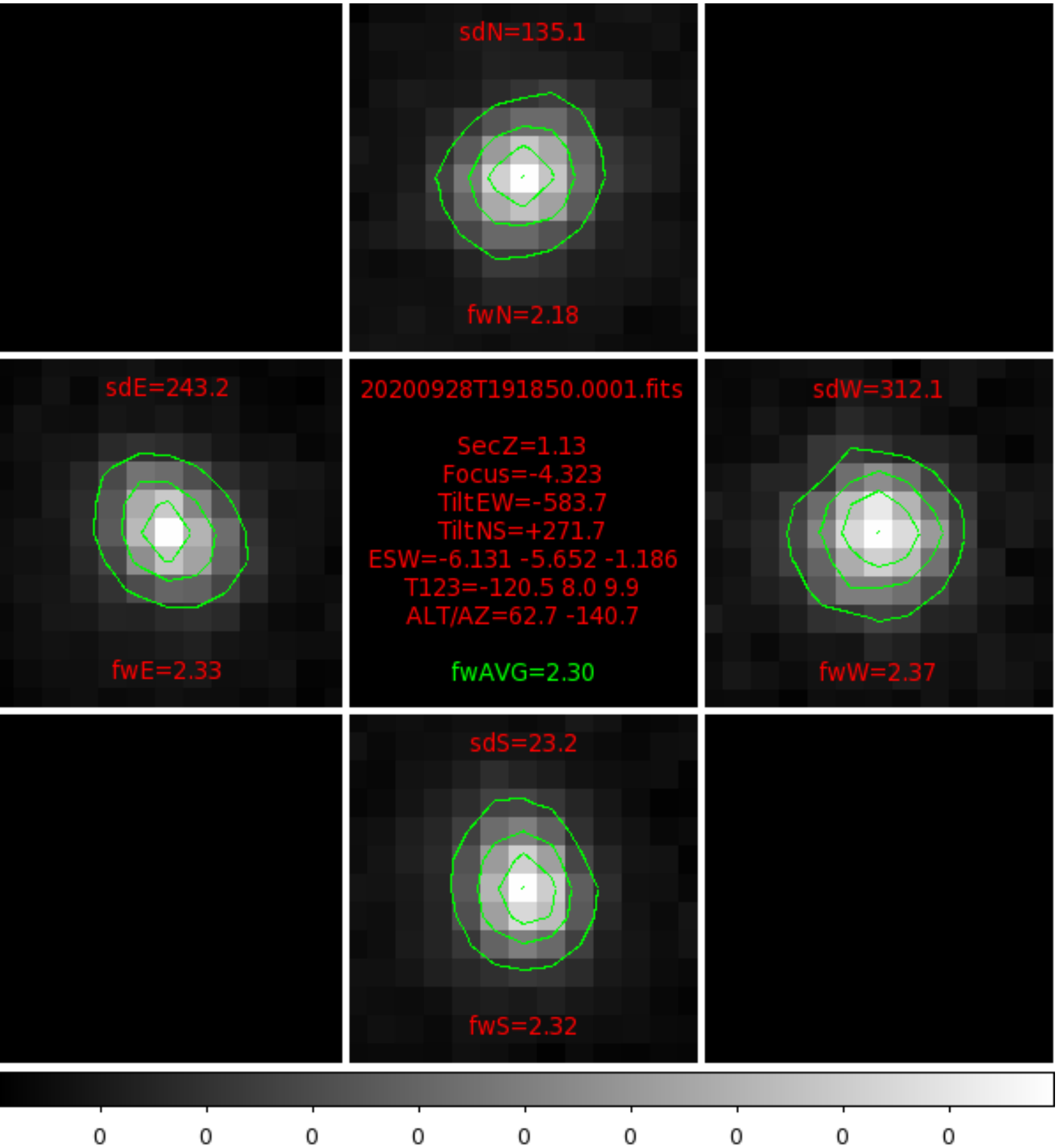
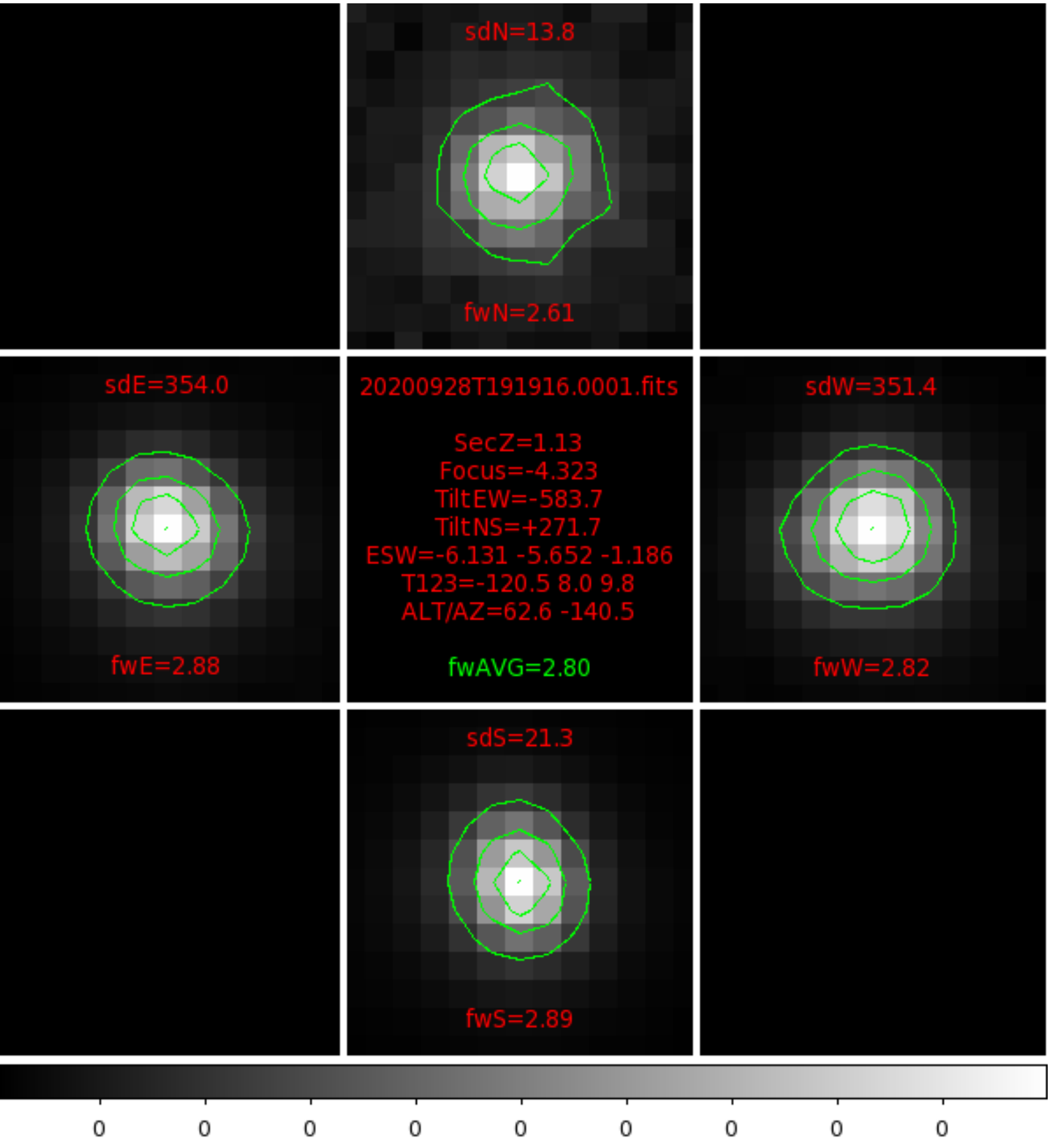

sdN=135.1
fwN=2.18
sdE=243.2
fwE=2.33
20200928T191850.0001.fits
SecZ=1.13
Focus=-4.323
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.131 -5.652 -1.186
T123=-120.5 8.0 9.9
ALT/AZ=62.7 -140.7
fwAVG=2.30
sdW=312.1
fwW=2.37
sdS=23.2
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=13.8
fwN=2.61
sdE=354.0
fwE=2.88
20200928T191916.0001.fits
SecZ=1.13
Focus=-4.323
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.131 -5.652 -1.186
T123=-120.5 8.0 9.8
ALT/AZ=62.6 -140.5
fwAVG=2.80
sdW=351.4
fwW=2.82
sdS=21.3
fwS=2.89
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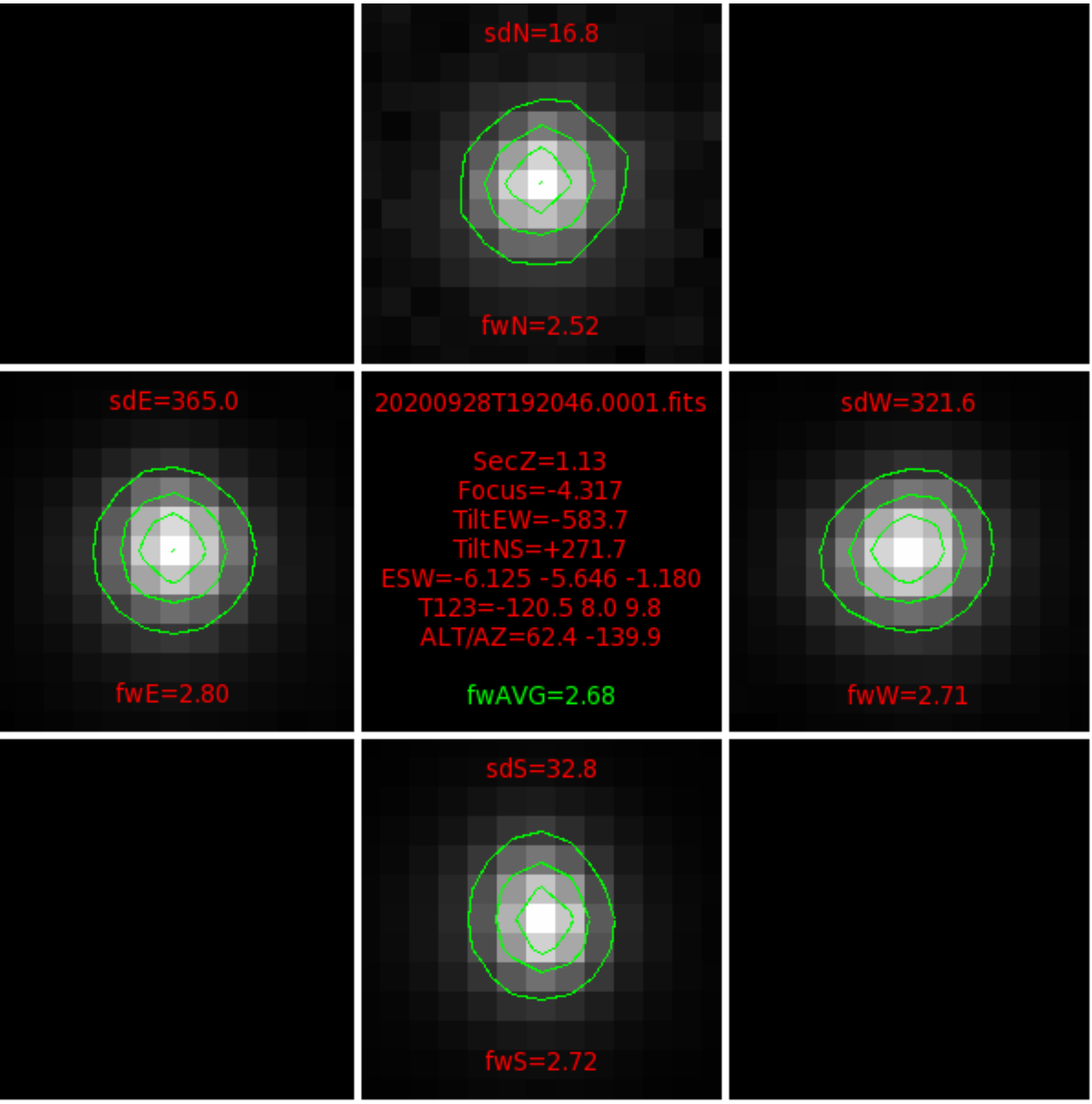
sdN=16.8
fwN=2.52
sdE=365.0
fwE=2.80
20200928T192046.0001.fits
SecZ=1.13
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.5 8.0 9.8
ALT/AZ=62.4 -139.9
fwAVG=2.68
sdW=321.6
fwW=2.71
sdS=32.8
fwS=2.72
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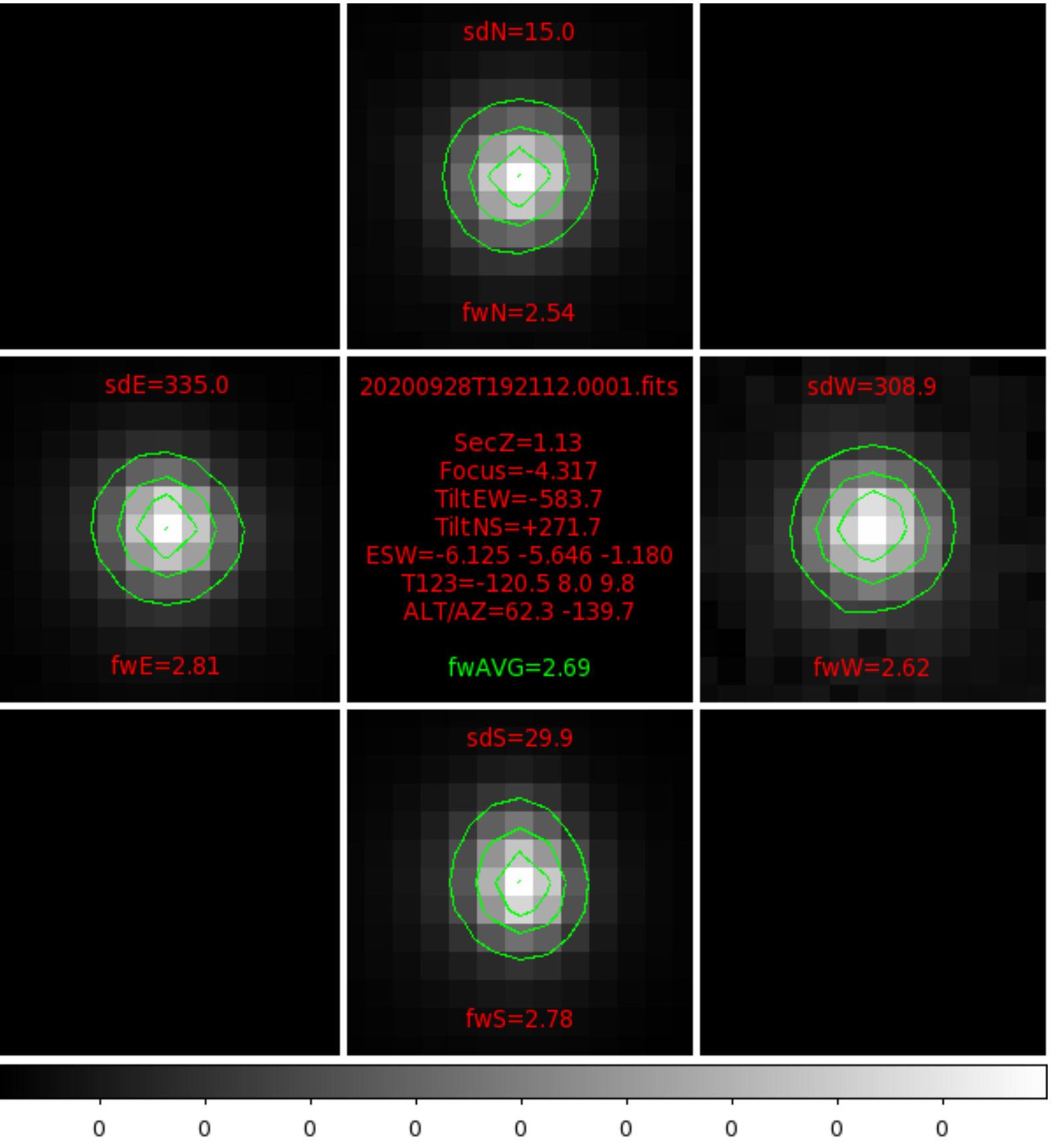
sdN=15.0
fwN=2.54
sdE=335.0
fwE=2.81
20200928T192112.0001.fits
SecZ=1.13
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.5 8.0 9.8
ALT/AZ=62.3 -139.7
fwAVG=2.69
sdW=308.9
fwW=2.62
sdS=29.9
fwS=2.78
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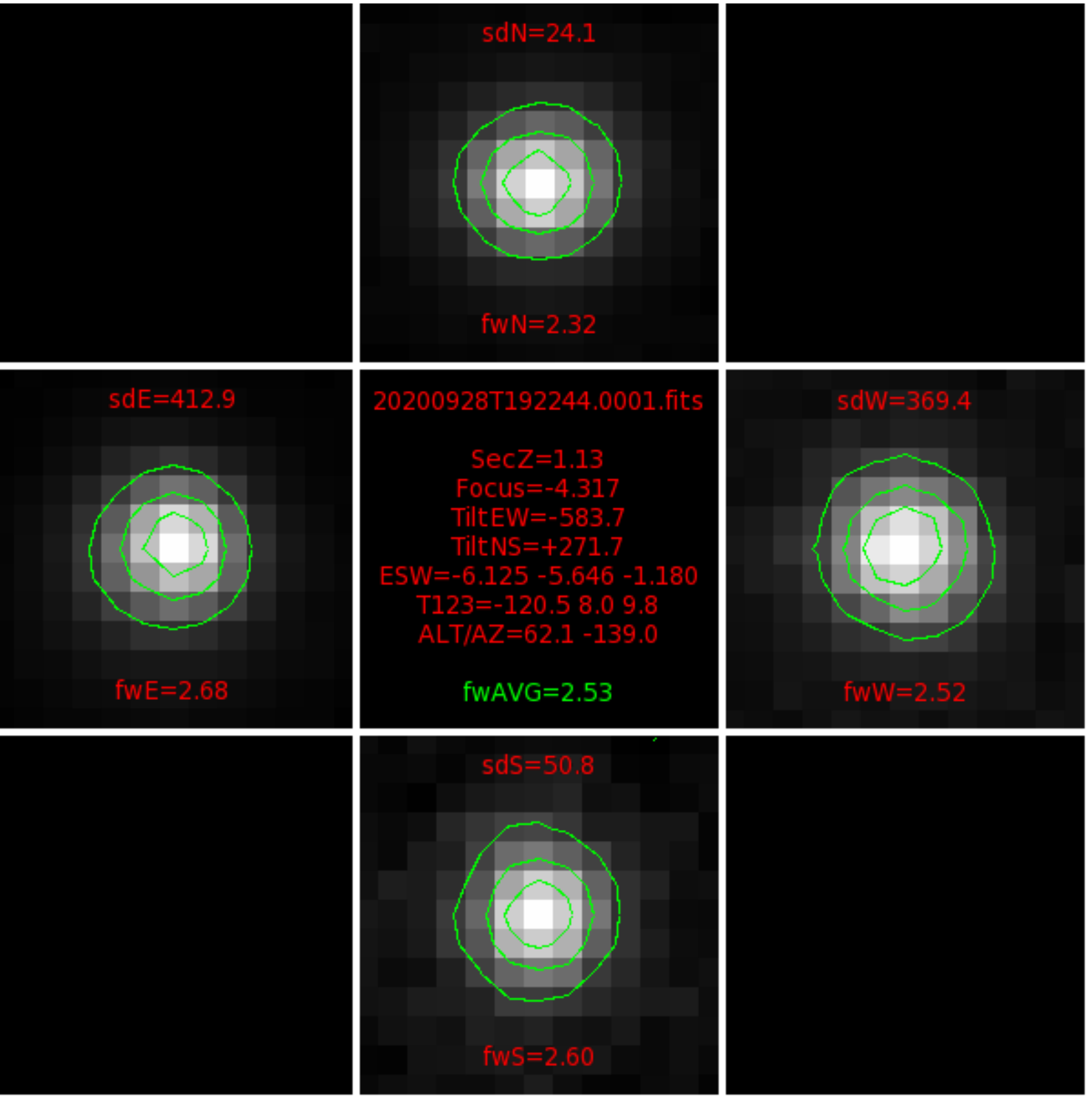
sdN=24.1
fwN=2.32
sdE=412.9
fwE=2.68
20200928T192244.0001.fits
SecZ=1.13
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.5 8.0 9.8
ALT/AZ=62.1 -139.0
fwAVG=2.53
sdW=369.4
fwW=2.52
sdS=50.8
fwS=2.60
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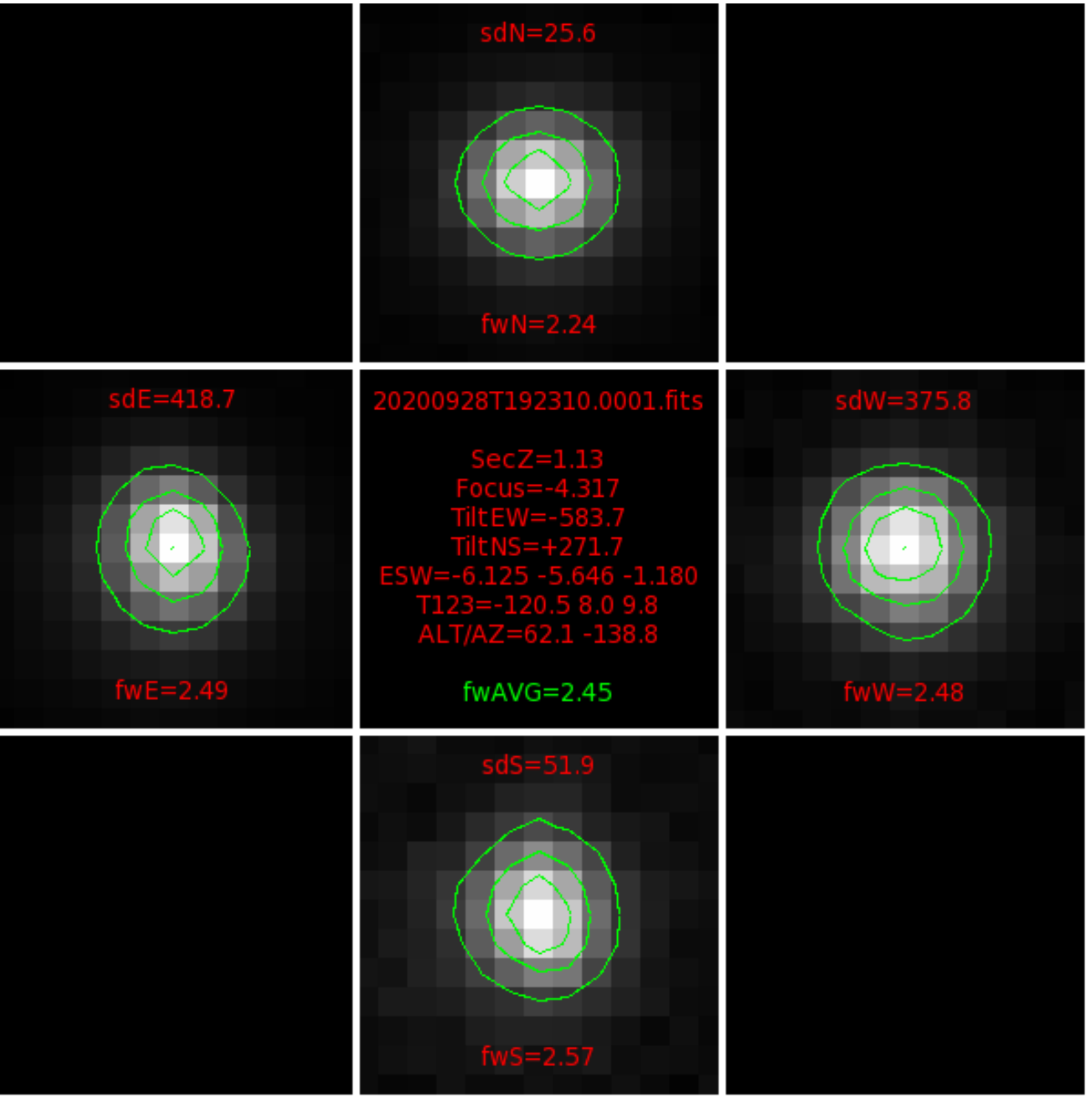
sdN=25.6
fwN=2.24
sdE=418.7
fwE=2.49
20200928T192310.0001.fits
SecZ=1.13
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.5 8.0 9.8
ALT/AZ=62.1 -138.8
fwAVG=2.45
sdW=375.8
fwW=2.48
sdS=51.9
fwS=2.57
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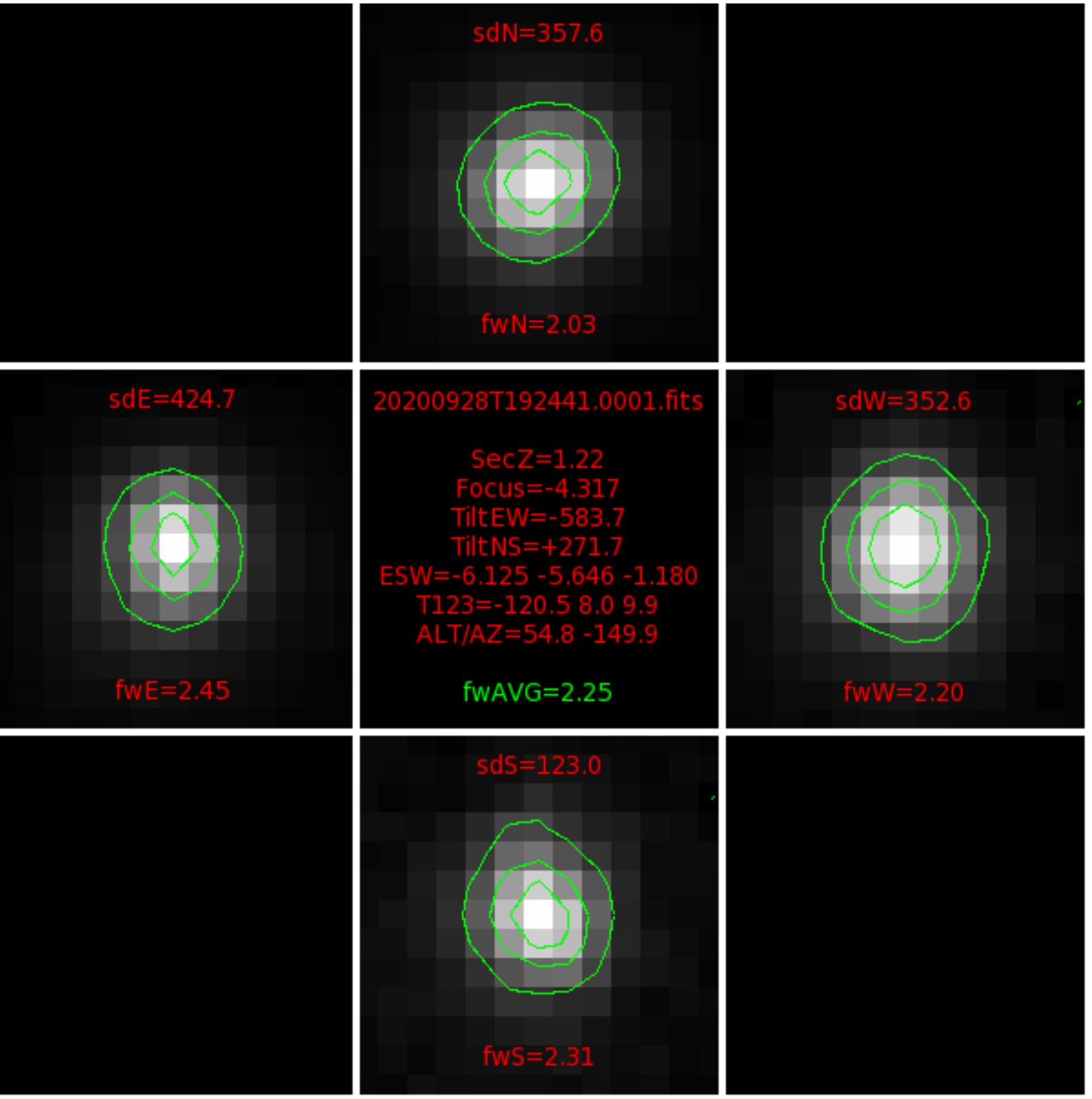
sdN=357.6
fwN=2.03
sdE=424.7
fwE=2.45
20200928T192441.0001.fits
SecZ=1.22
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.5 8.0 9.9
ALT/AZ=54.8 -149.9
fwAVG=2.25
sdW=352.6
fwW=2.20
sdS=123.0
fwS=2.31
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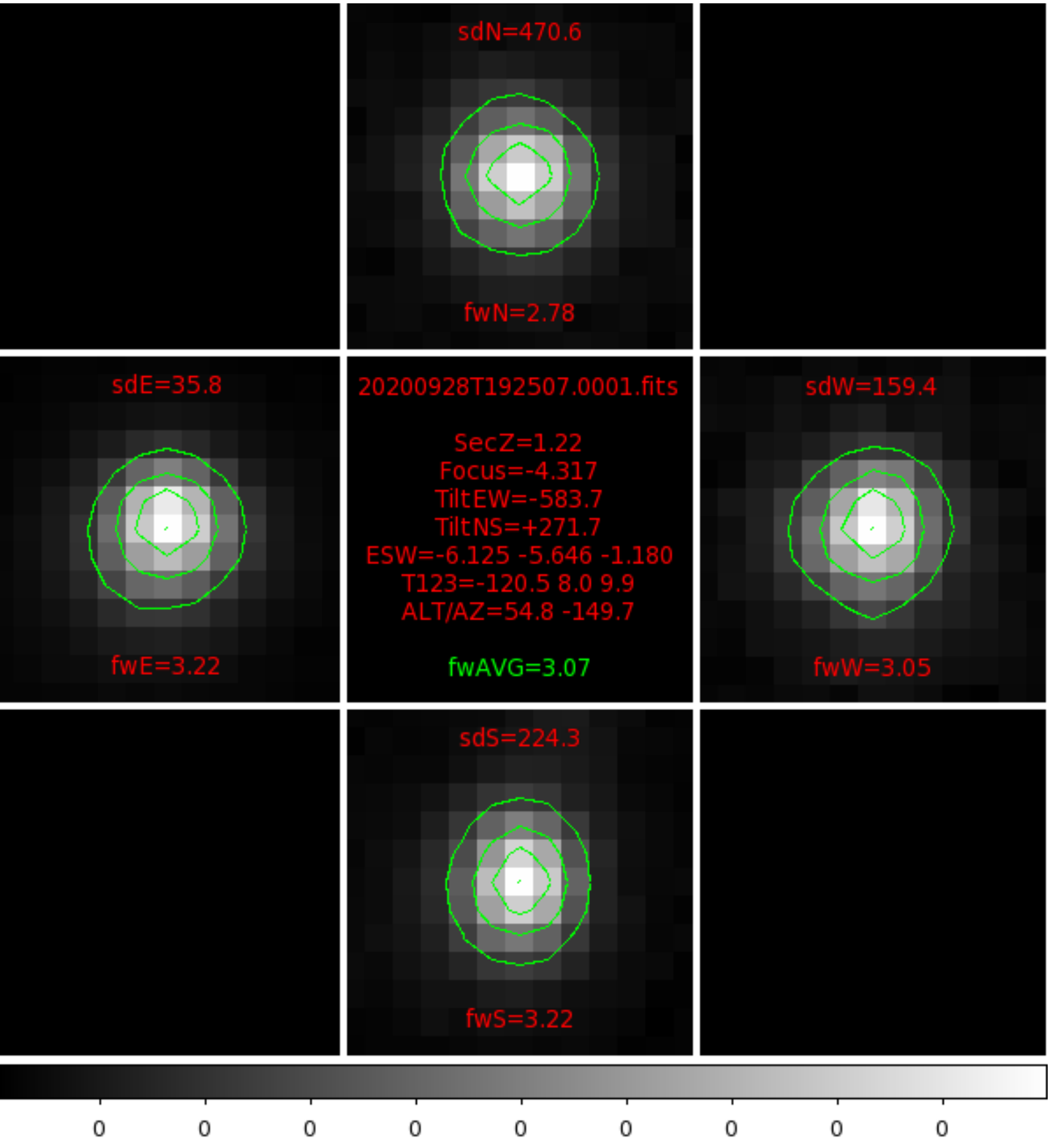
sdN=470.6
fwN=2.78
sdE=35.8
fwE=3.22
20200928T192507.0001.fits
SecZ=1.22
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.5 8.0 9.9
ALT/AZ=54.8 -149.7
fwAVG=3.07
sdW=159.4
fwW=3.05
sdS=224.3
fwS=3.22
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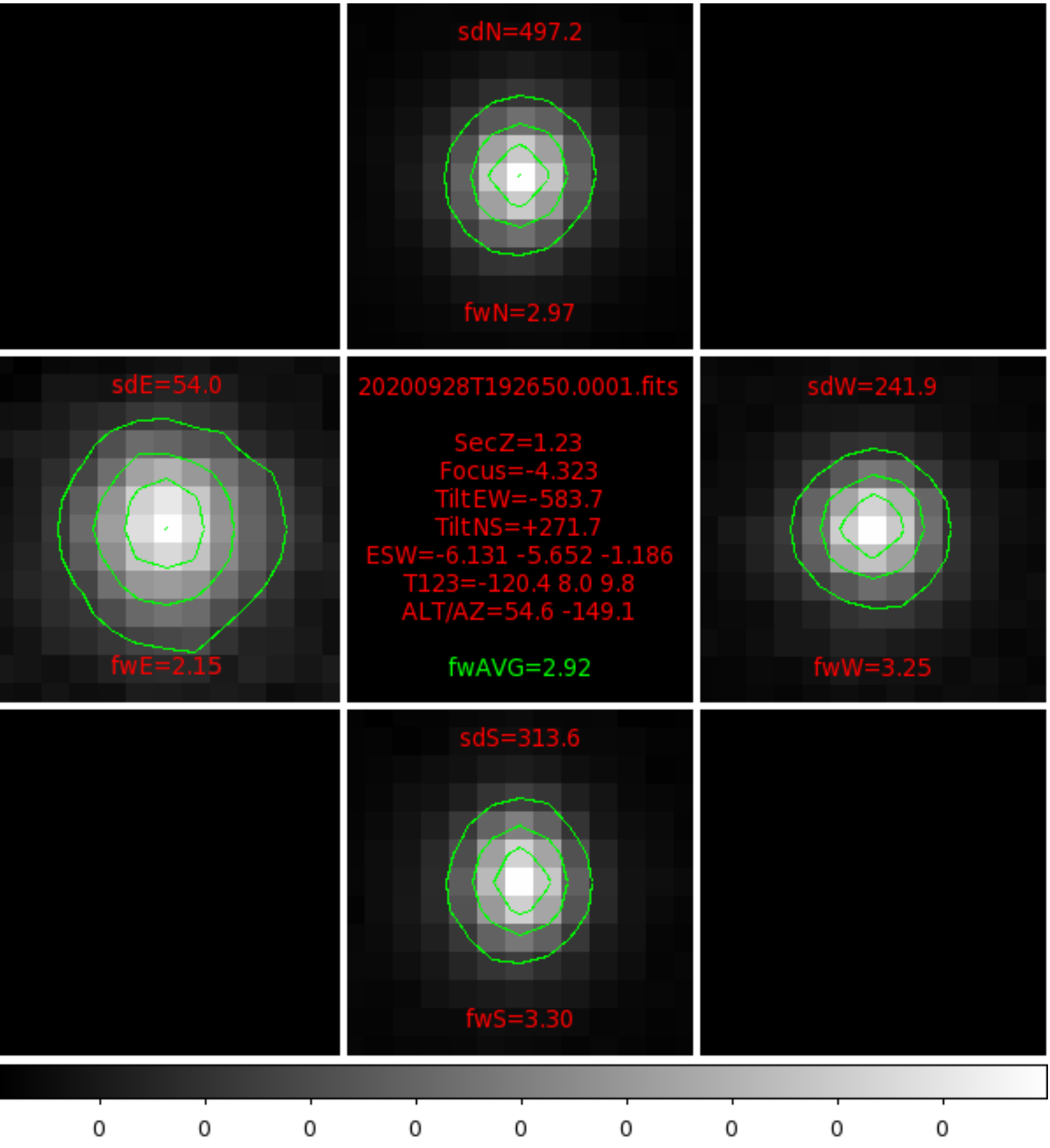
sdN=497.2
fwN=2.97
sdE=54.0
fwE=2.15
20200928T192650.0001.fits
SecZ=1.23
Focus=-4.323
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.131 -5.652 -1.186
T123=-120.4 8.0 9.8
ALT/AZ=54.6 -149.1
fwAVG=2.92
sdW=241.9
fwW=3.25
sdS=313.6
fwS=3.30
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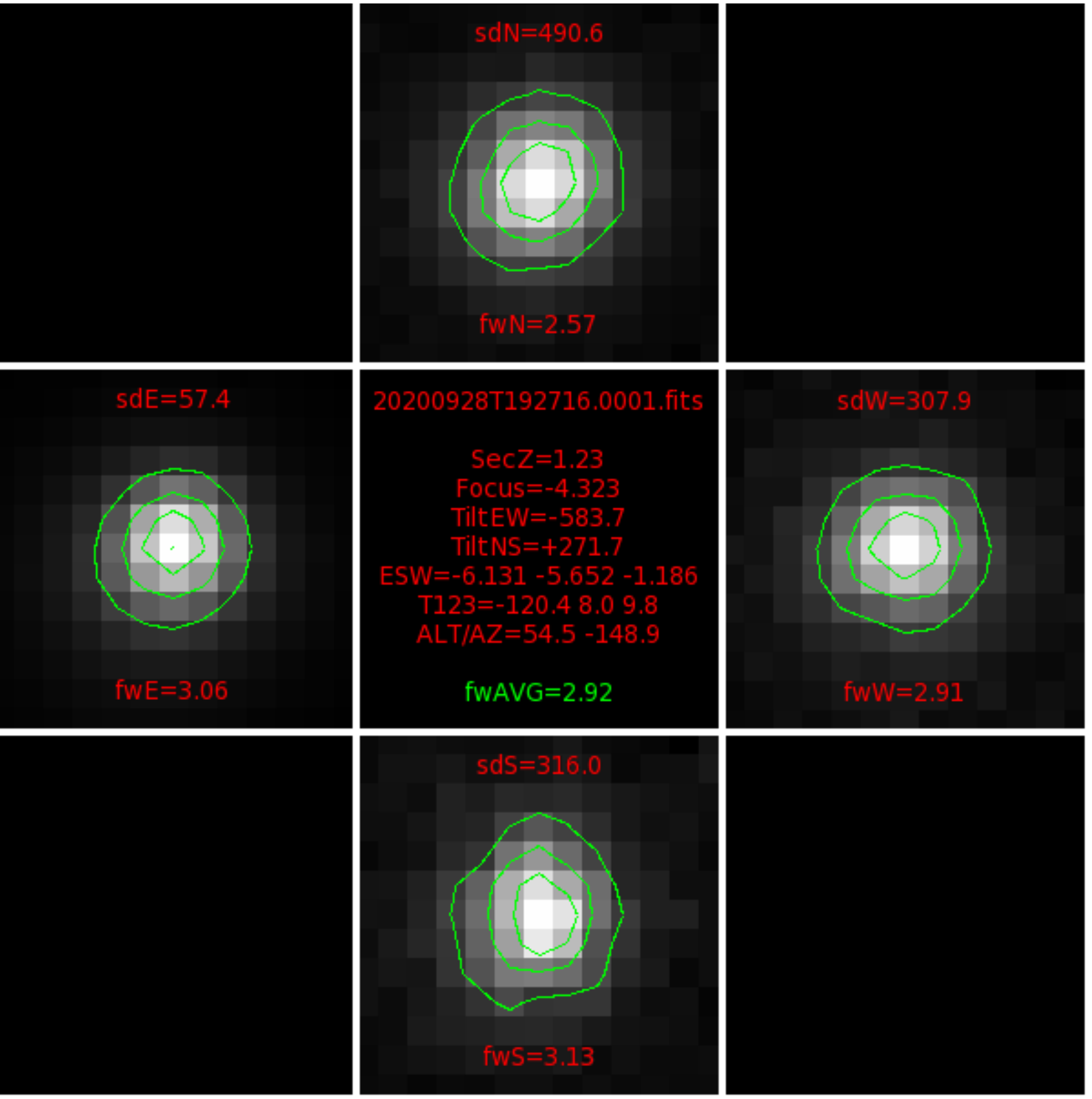
sdN=490.6
fwN=2.57
sdE=57.4
fwE=3.06
20200928T192716.0001.fits
SecZ=1.23
Focus=-4.323
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.131 -5.652 -1.186
T123=-120.4 8.0 9.8
ALT/AZ=54.5 -148.9
fwAVG=2.92
sdW=307.9
fwW=2.91
sdS=316.0
fwS=3.13
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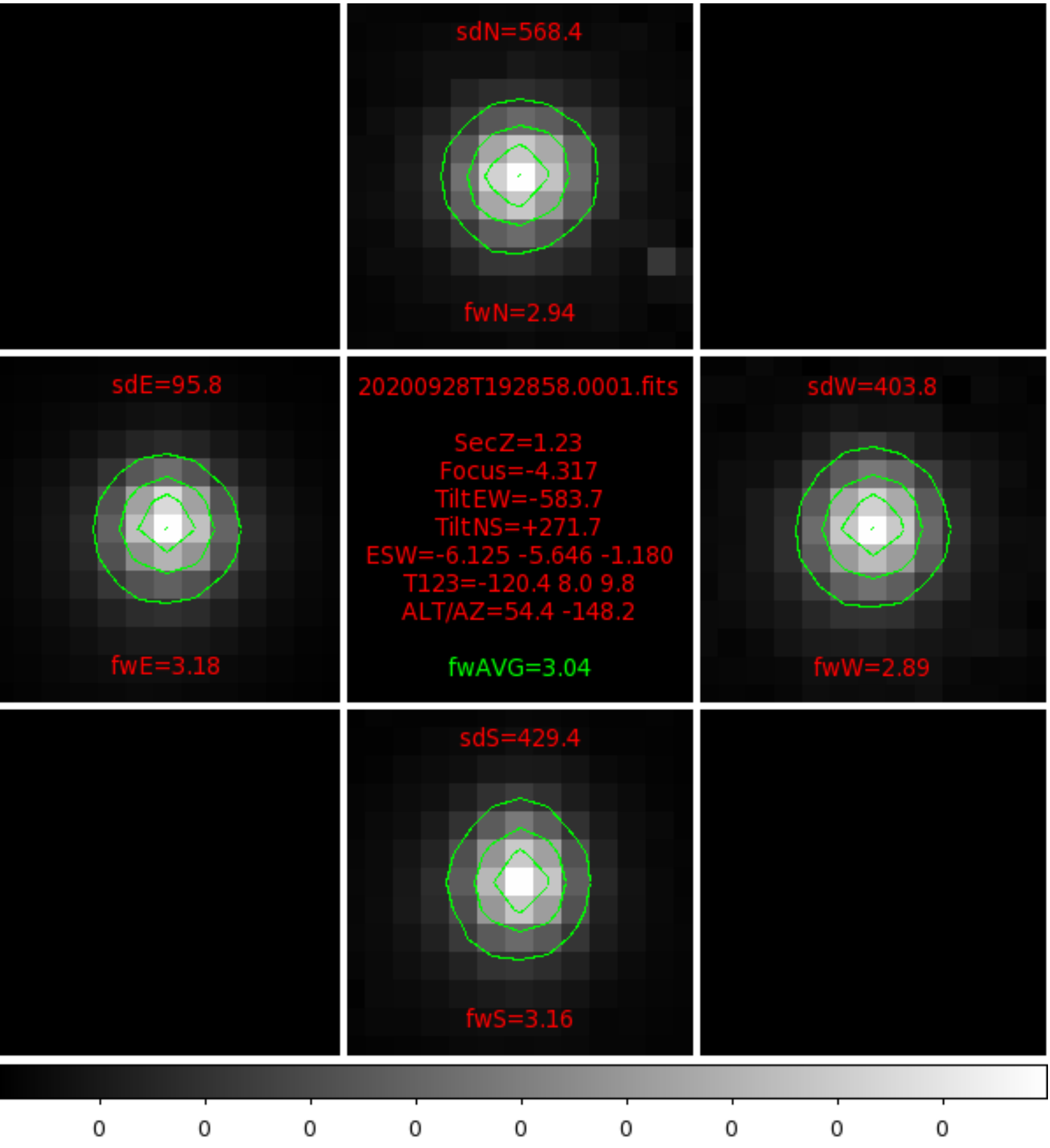
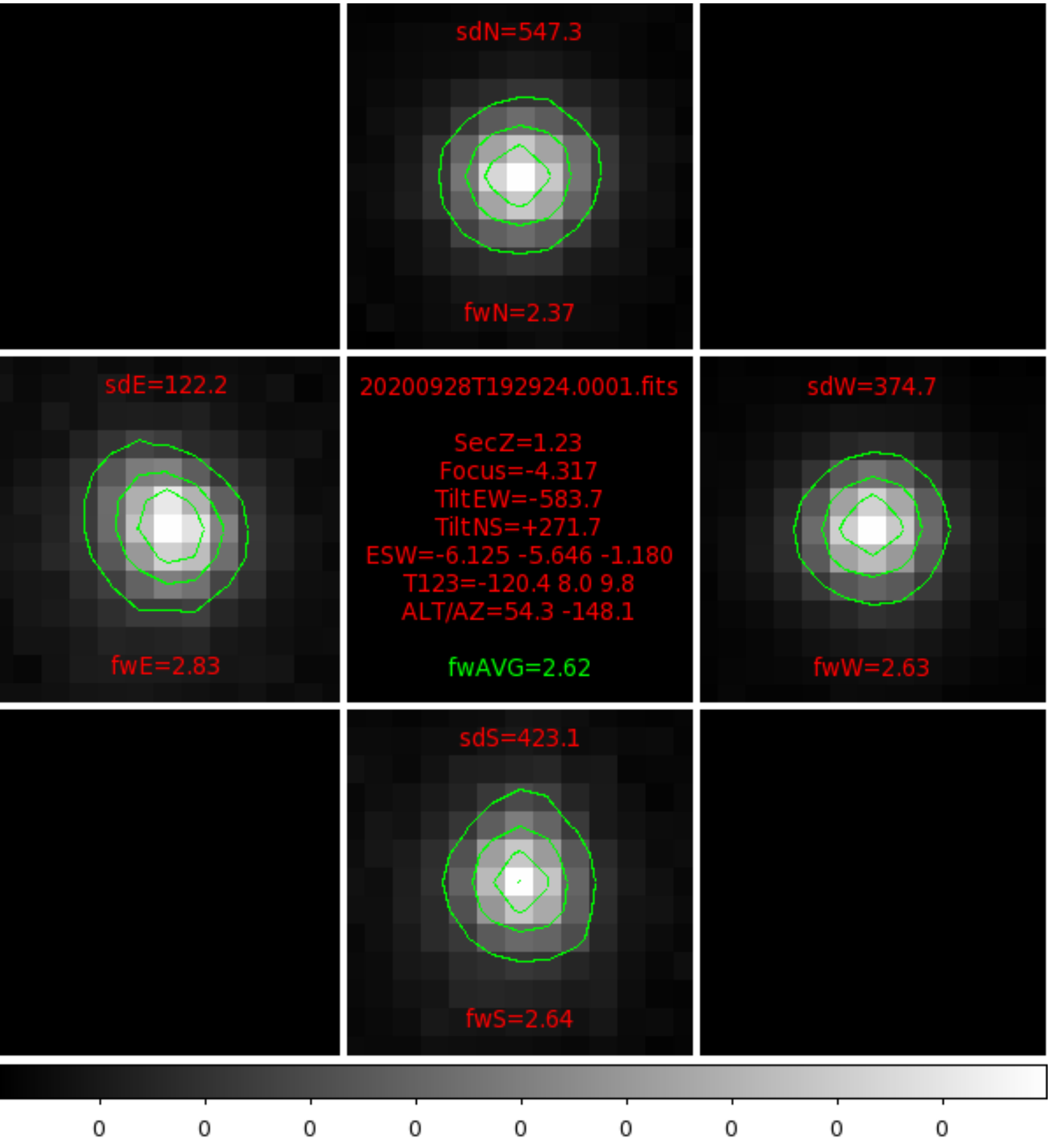

sdN=568.4
fwN=2.94
sdE=95.8
fwE=3.18
20200928T192858.0001.fits
SecZ=1.23
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.4 8.0 9.8
ALT/AZ=54.4 -148.2
fwAVG=3.04
sdW=403.8
fwW=2.89
sdS=429.4
fwS=3.16
0 0 0 0 0 0 0 0 0


sdN=547.3
fwN=2.37
sdE=122.2
fwE=2.83
20200928T192924.0001.fits
SecZ=1.23
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.4 8.0 9.8
ALT/AZ=54.3 -148.1
fwAVG=2.62
sdW=374.7
fwW=2.63
sdS=423.1
fwS=2.64
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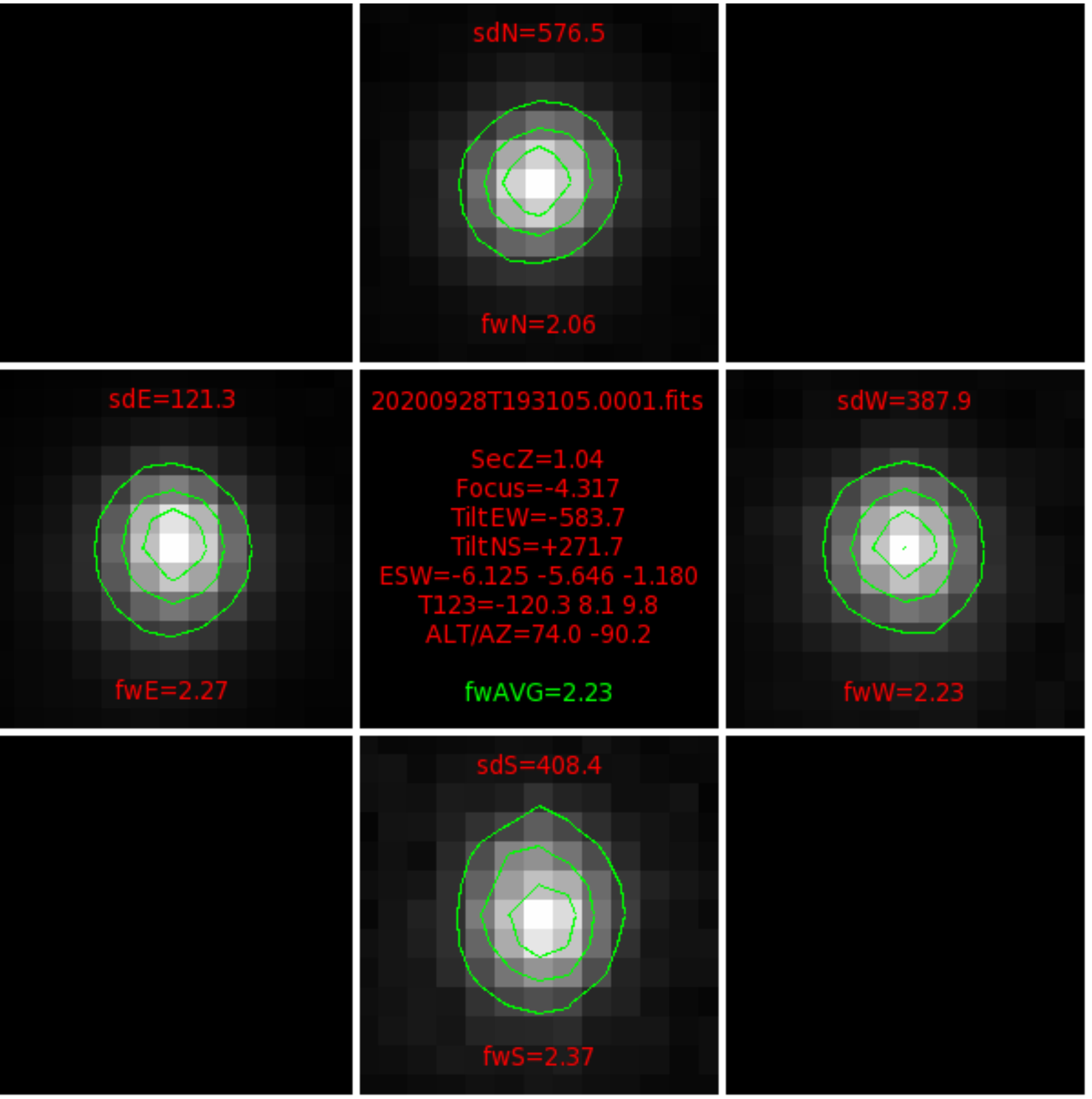
sdN=576.5
fwN=2.06
sdE=121.3
fwE=2.27
20200928T193105.0001.fits
SecZ=1.04
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.3 8.1 9.8
ALT/AZ=74.0 -90.2
fwAVG=2.23
sdW=387.9
fwW=2.23
sdS=408.4
fwS=2.37
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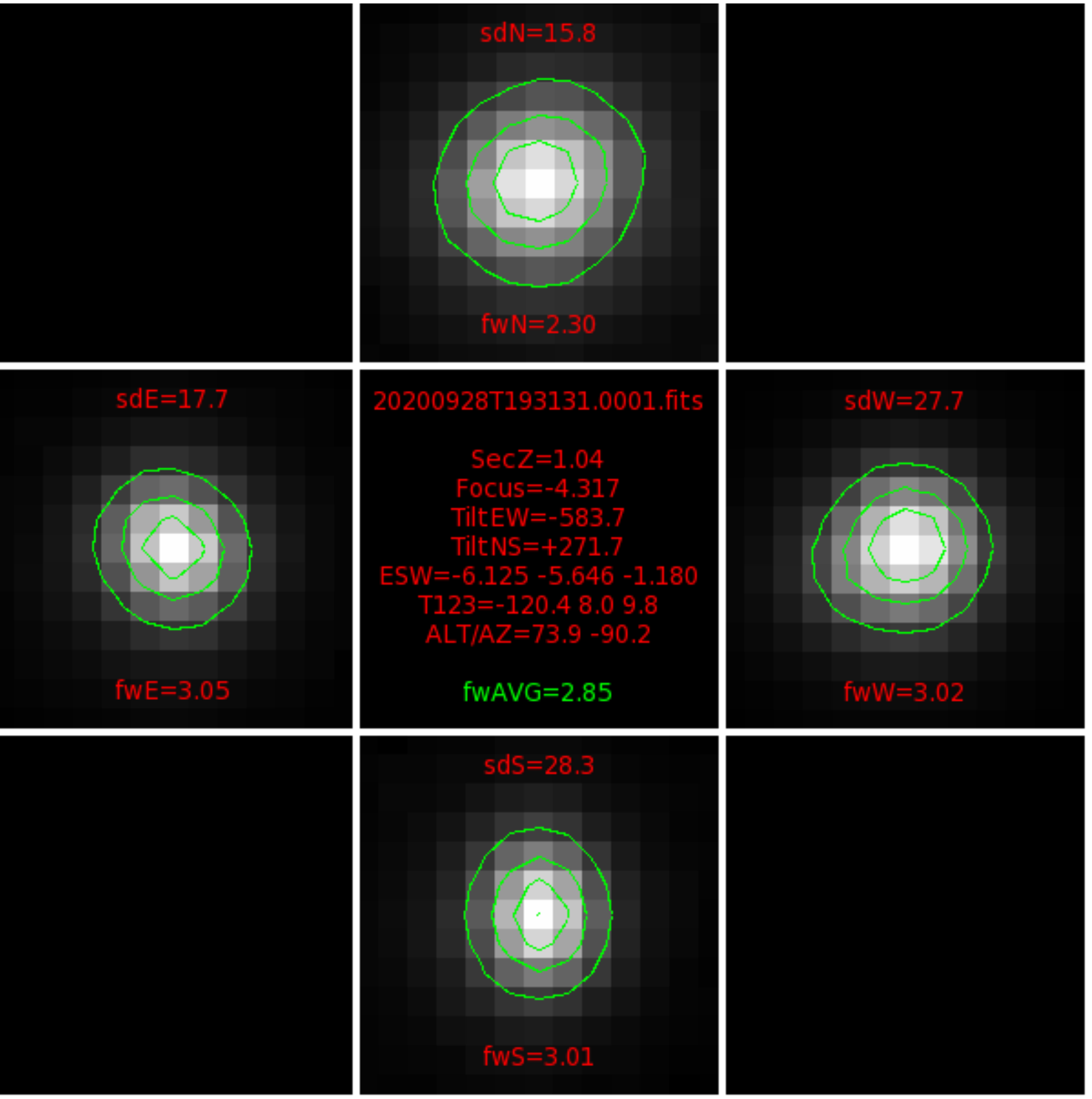
sdN=15.8
fwN=2.30
sdE=17.7
fwE=3.05
20200928T193131.0001.fits
SecZ=1.04
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.4 8.0 9.8
ALT/AZ=73.9 -90.2
fwAVG=2.85
sdW=27.7
fwW=3.02
sdS=28.3
fwS=3.01
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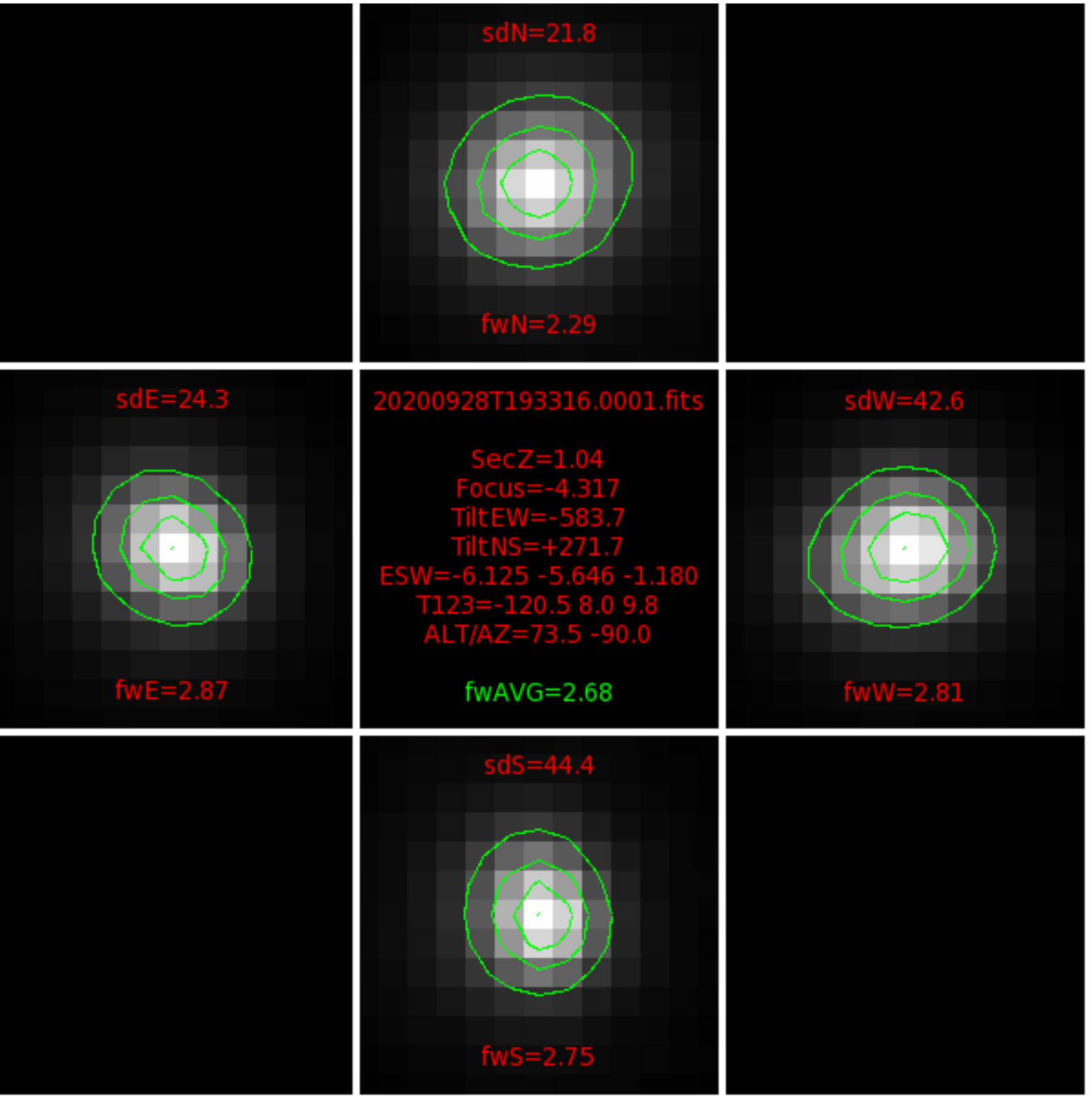
sdN=21.8
fwN=2.29
sdE=24.3
fwE=2.87
20200928T193316.0001.fits
SecZ=1.04
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.5 8.0 9.8
ALT/AZ=73.5 -90.0
fwAVG=2.68
sdW=42.6
fwW=2.81
sdS=44.4
fwS=2.75
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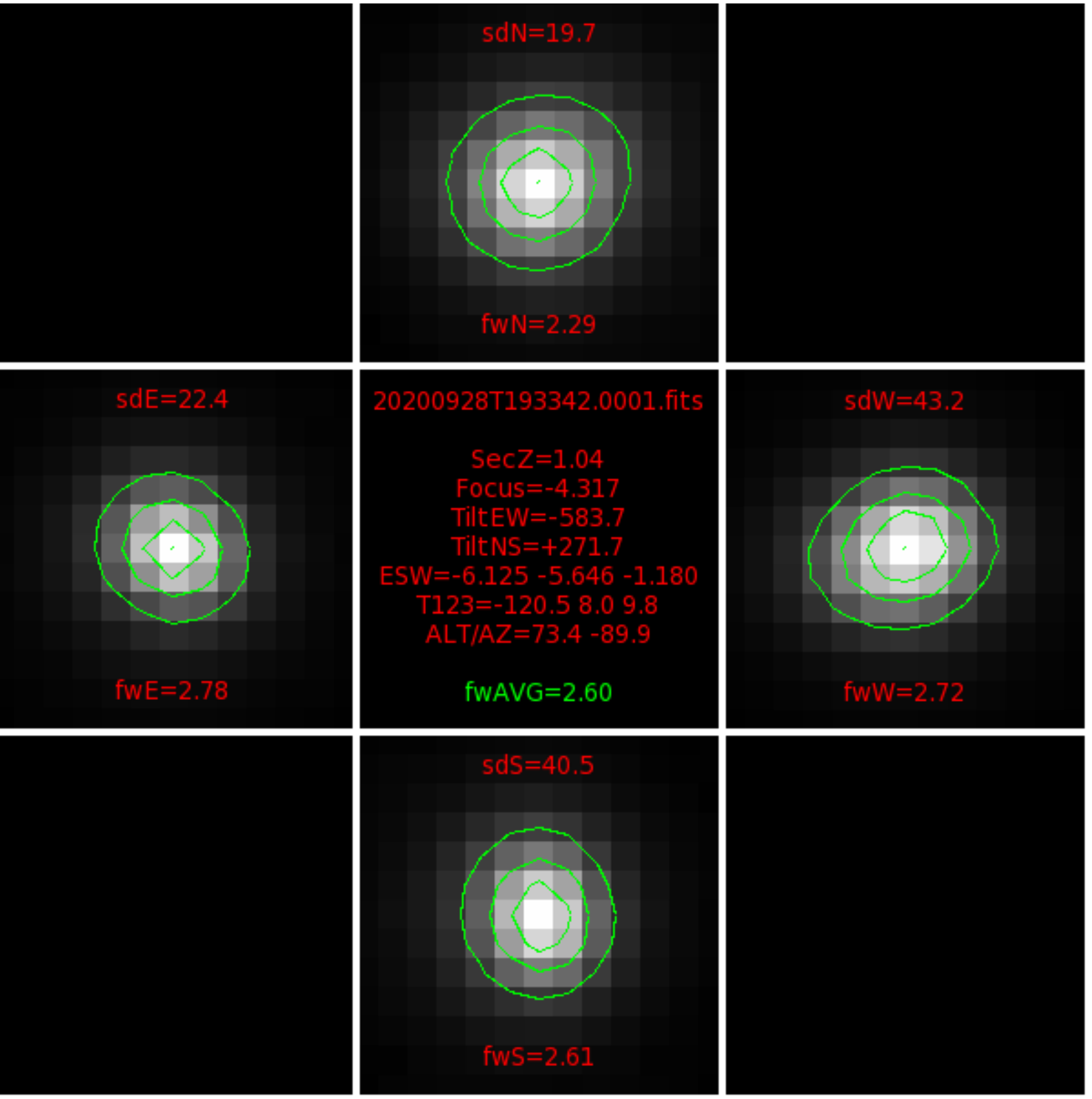
sdN=19.7
fwN=2.29
sdE=22.4
fwE=2.78
20200928T193342.0001.fits
SecZ=1.04
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.5 8.0 9.8
ALT/AZ=73.4 -89.9
fwAVG=2.60
sdW=43.2
fwW=2.72
sdS=40.5
fwS=2.61
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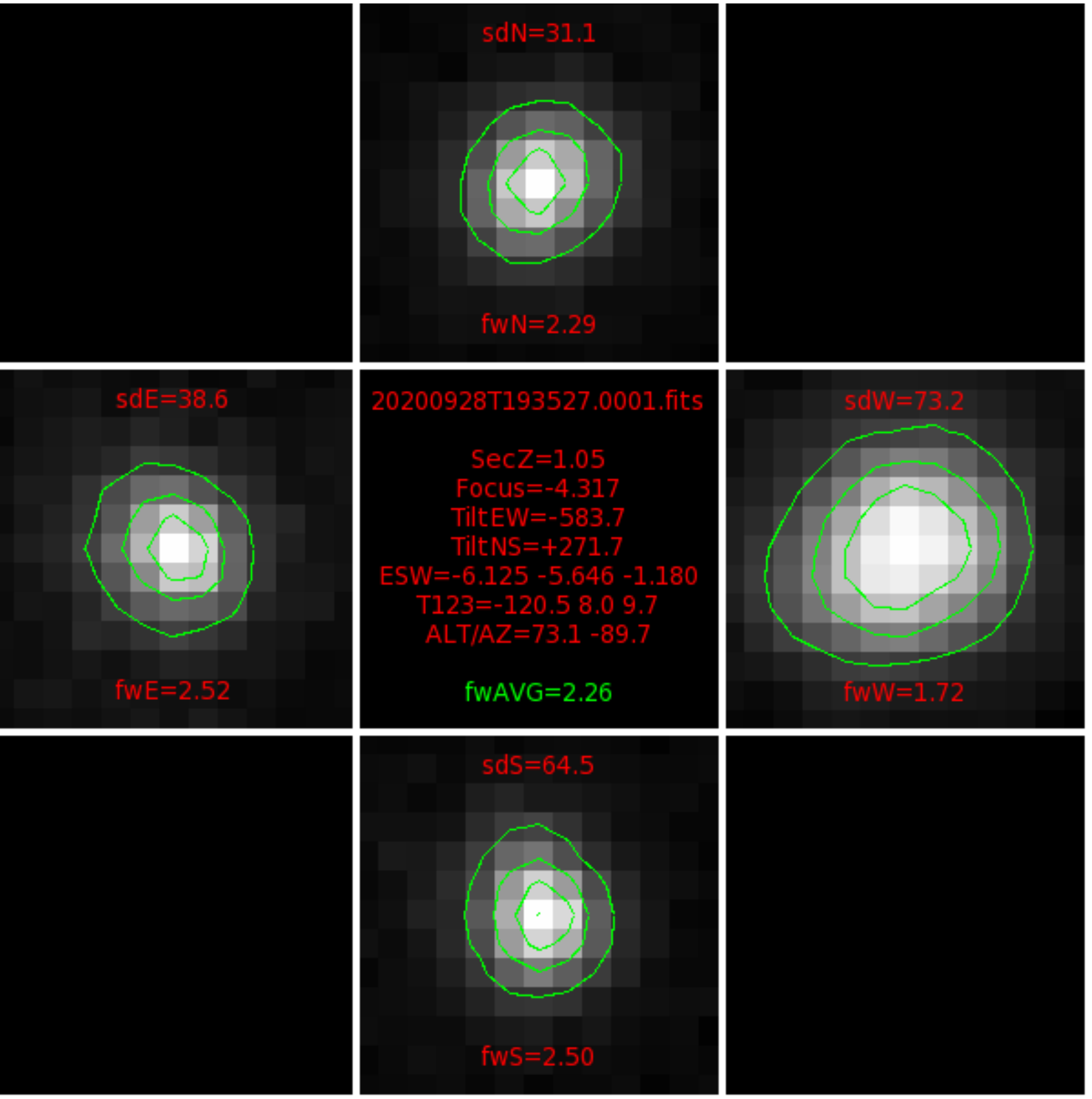
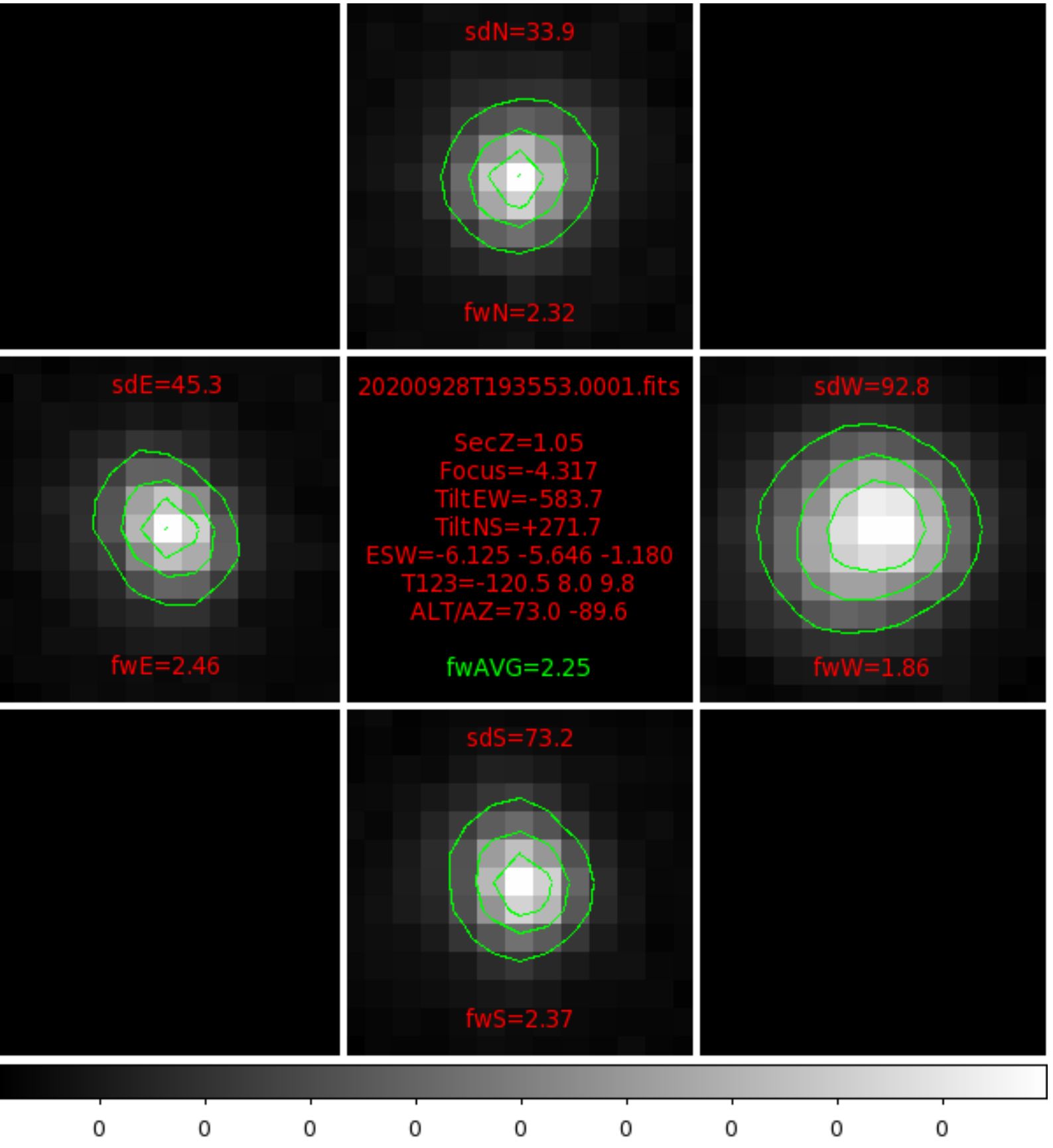

sdN=31.1
fwN=2.29
sdE=38.6
fwE=2.52
20200928T193527.0001.fits
SecZ=1.05
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.5 8.0 9.7
ALT/AZ=73.1 -89.7
fwAVG=2.26
sdW=73.2
fwW=1.72
sdS=64.5
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=33.9
fwN=2.32
sdE=45.3
fwE=2.46
20200928T193553.0001.fits
SecZ=1.05
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.5 8.0 9.8
ALT/AZ=73.0 -89.6
fwAVG=2.25
sdW=92.8
fwW=1.86
sdS=73.2
fwS=2.37
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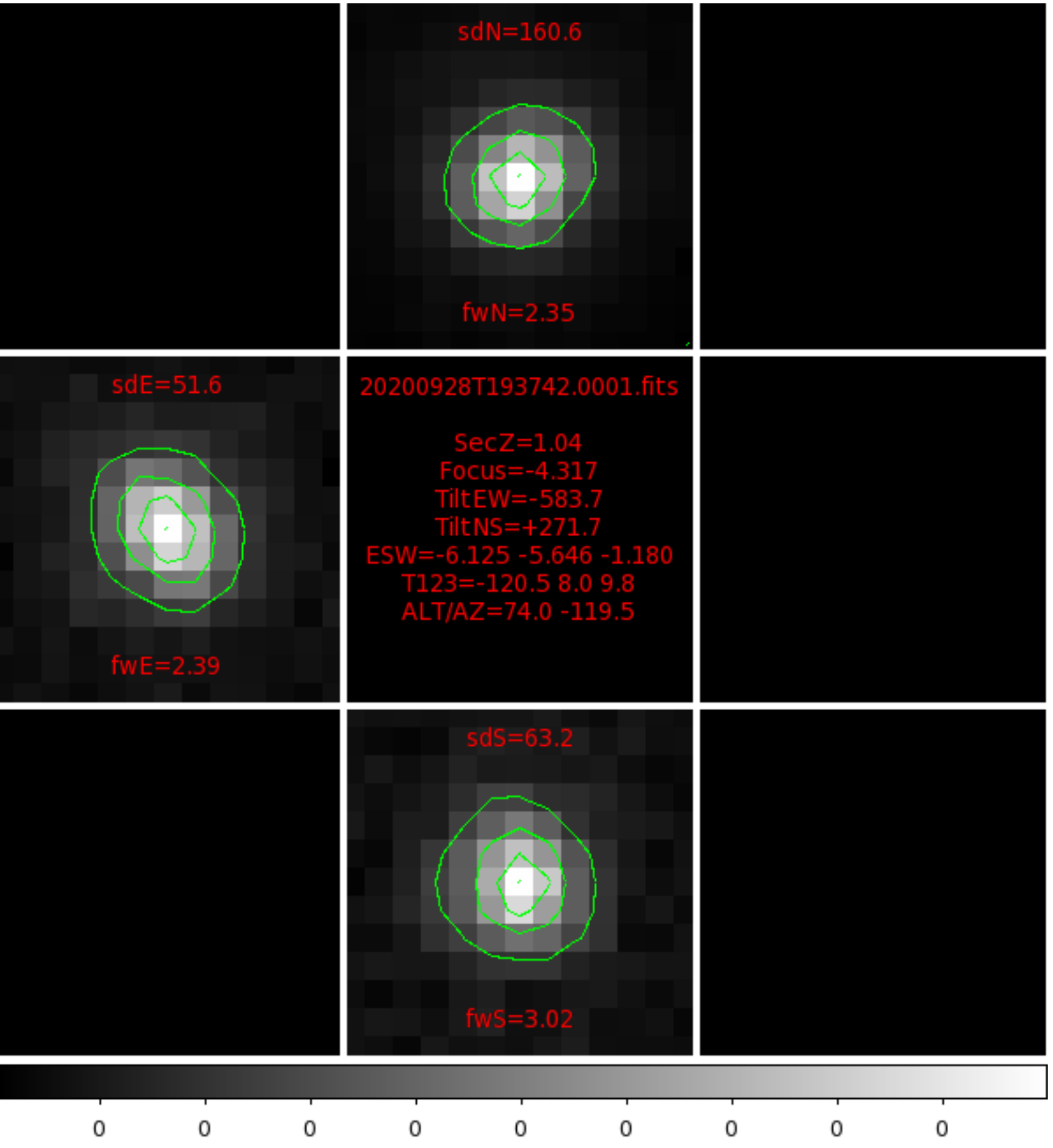
sdN=160.6
fwN=2.35
sdE=51.6
fwE=2.39
20200928T193742.0001.fits
SecZ=1.04
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.5 8.0 9.8
ALT/AZ=74.0 -119.5
sdS=63.2
fwS=3.02
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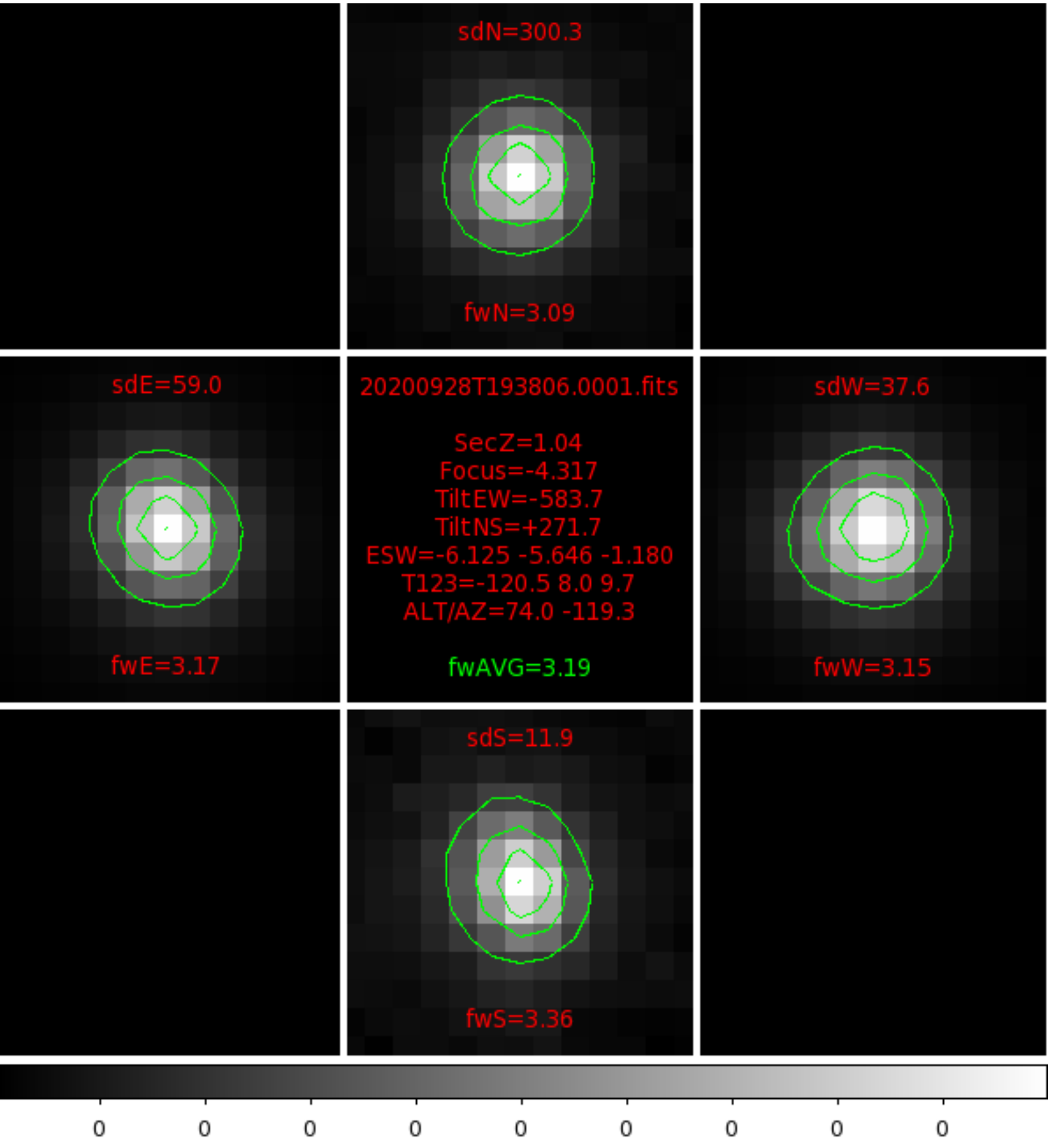
sdN=300.3
fwN=3.09
sdE=59.0
fwE=3.17
20200928T193806.0001.fits
SecZ=1.04
Focus=-4.317
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.125 -5.646 -1.180
T123=-120.5 8.0 9.7
ALT/AZ=74.0 -119.3
fwAVG=3.19
sdW=37.6
fwW=3.15
sdS=11.9
fwS=3.36
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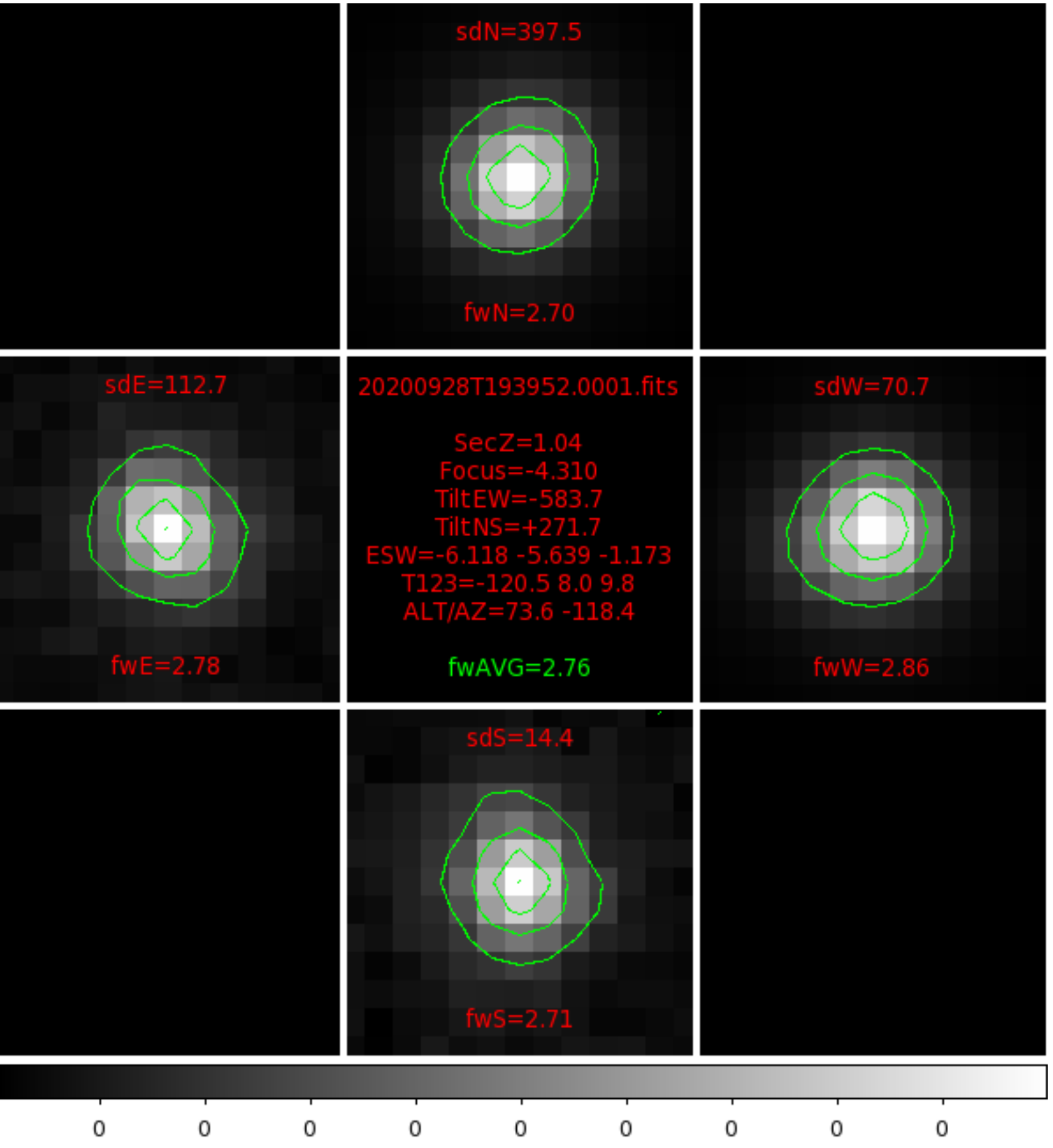
sdN=397.5
fwN=2.70
sdE=112.7
fwE=2.78
20200928T193952.0001.fits
SecZ=1.04
Focus=-4.310
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.118 -5.639 -1.173
T123=-120.5 8.0 9.8
ALT/AZ=73.6 -118.4
fwAVG=2.76
sdW=70.7
fwW=2.86
sdS=14.4
fwS=2.71
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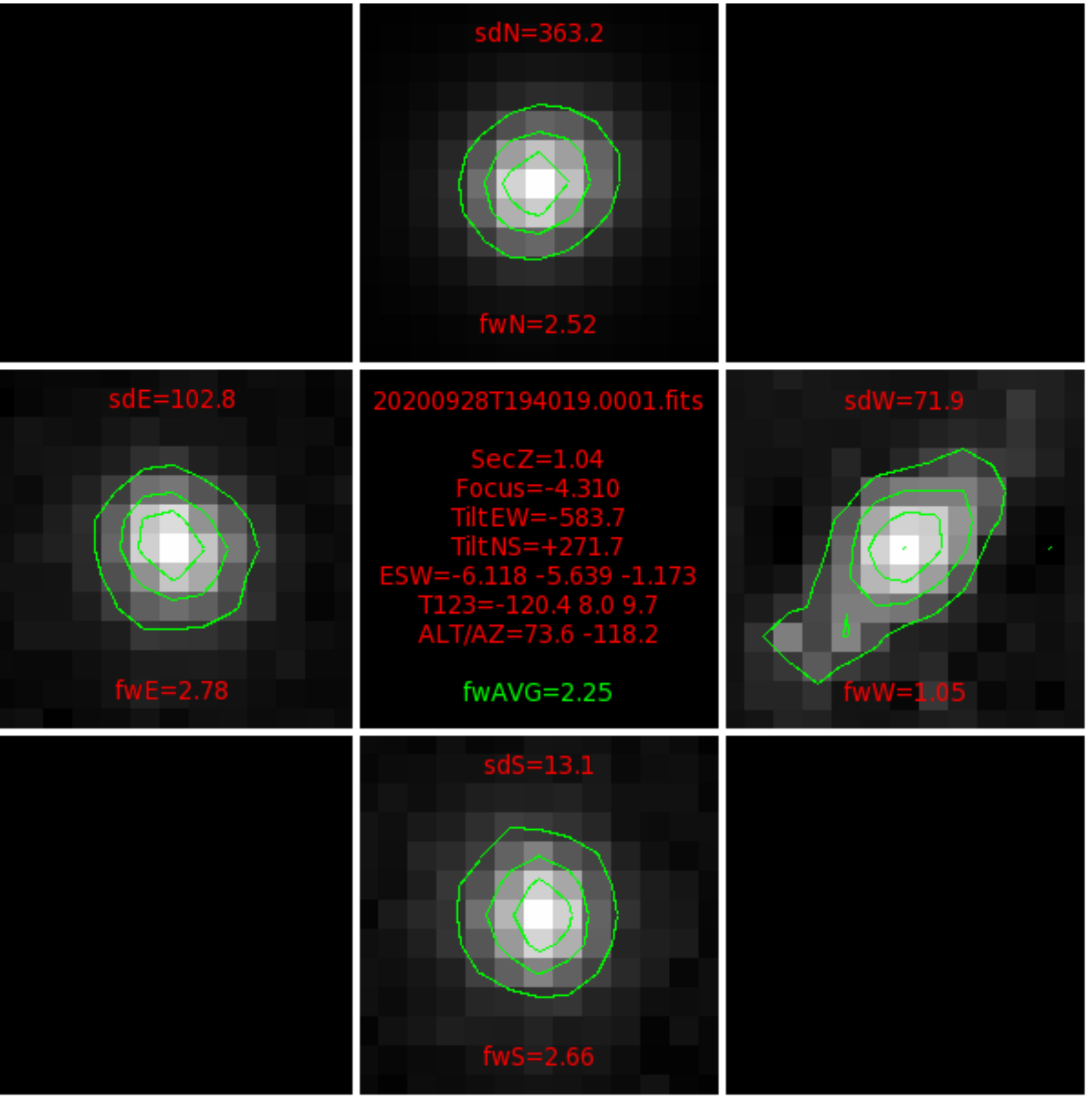
sdN=363.2
fwN=2.52
sdE=102.8
fwE=2.78
20200928T194019.0001.fits
SecZ=1.04
Focus=-4.310
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.118 -5.639 -1.173
T123=-120.4 8.0 9.7
ALT/AZ=73.6 -118.2
fwAVG=2.25
sdW=71.9
fwW=1.05
sdS=13.1
fwS=2.66
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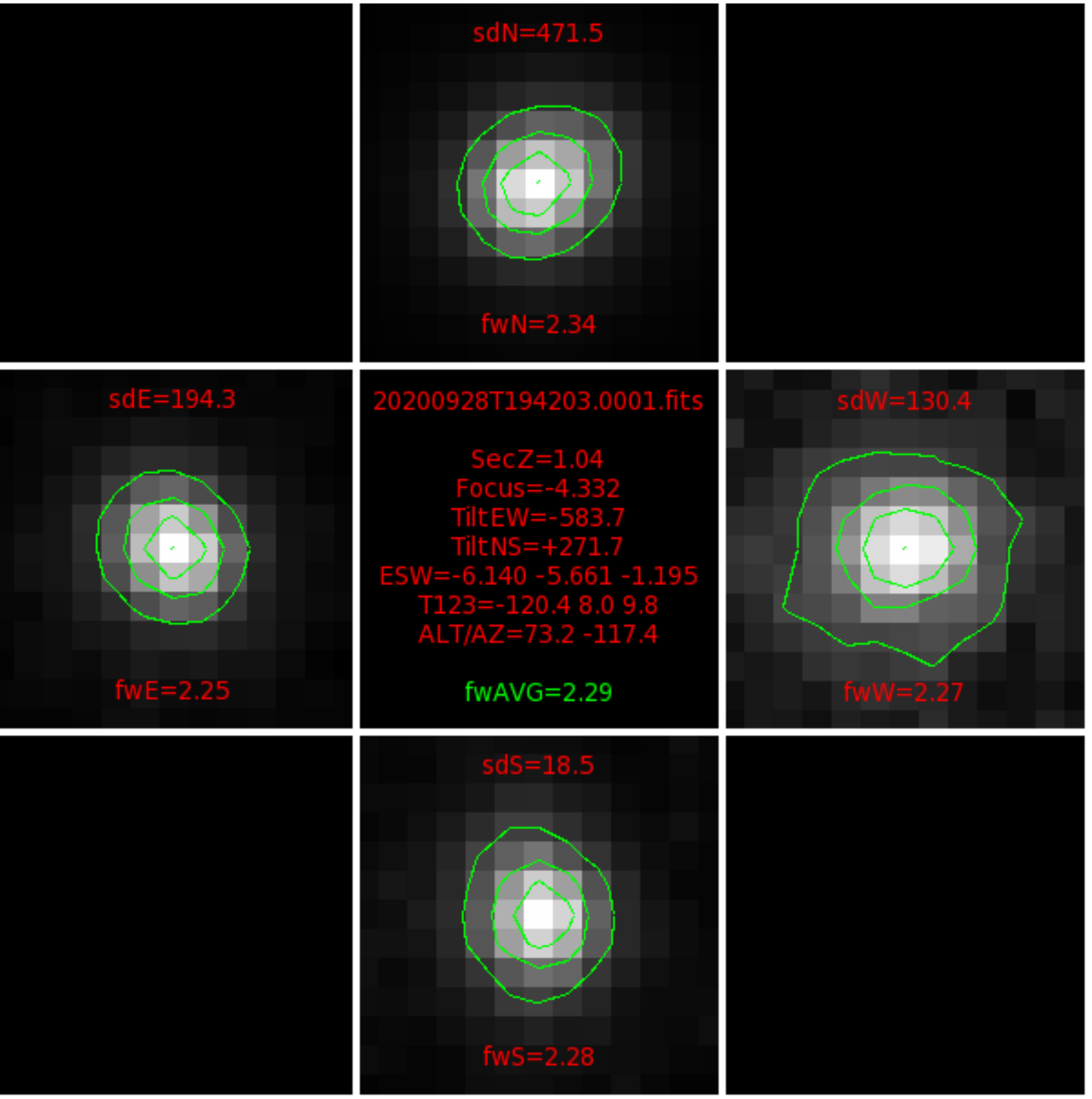
sdN=471.5
fwN=2.34
sdE=194.3
fwE=2.25
20200928T194203.0001.fits
SecZ=1.04
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.4 8.0 9.8
ALT/AZ=73.2 -117.4
fwAVG=2.29
sdW=130.4
fwW=2.27
sdS=18.5
fwS=2.28
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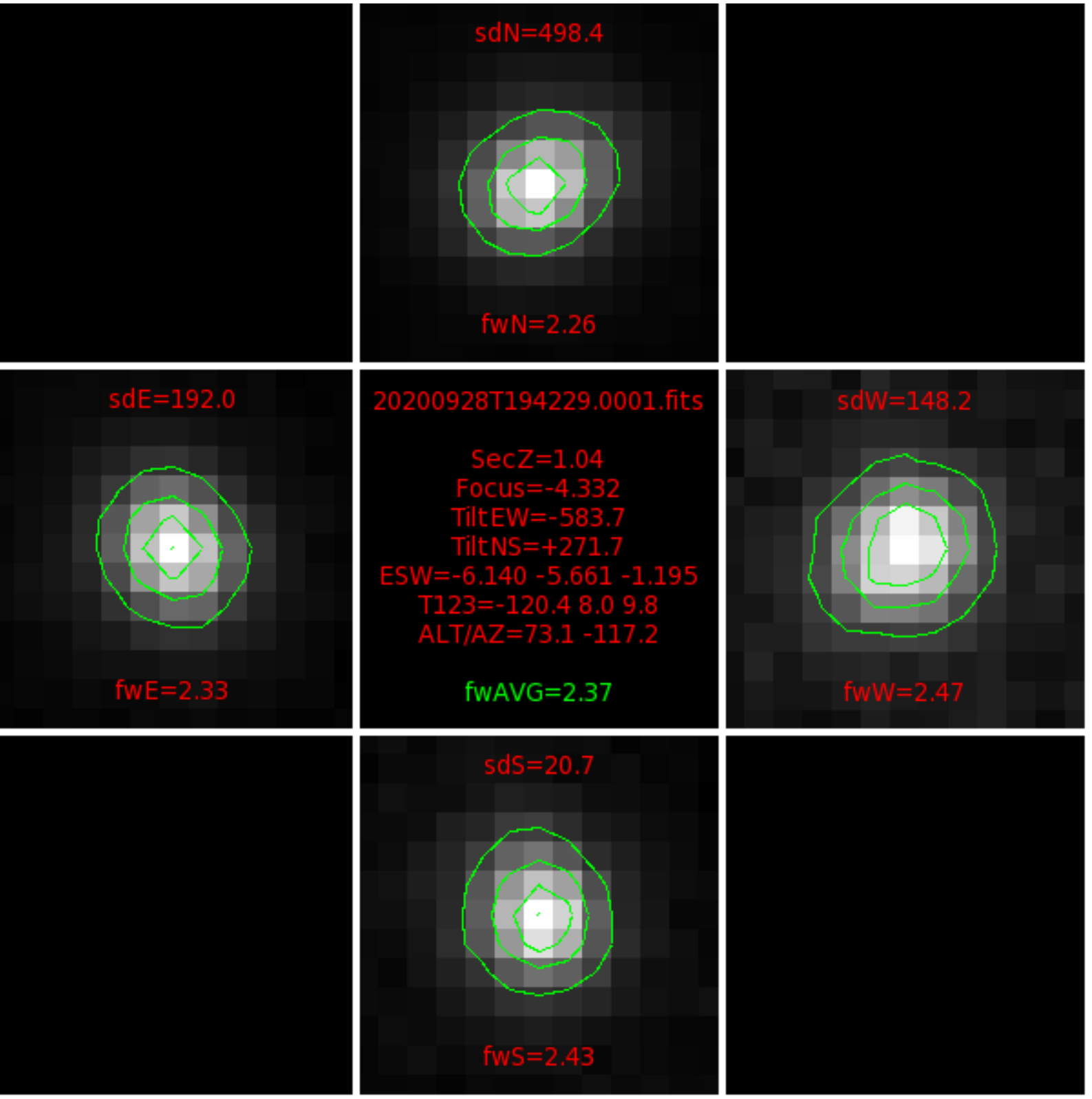
sdN=498.4
fwN=2.26
sdE=192.0
fwE=2.33
20200928T194229.0001.fits
SecZ=1.04
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.4 8.0 9.8
ALT/AZ=73.1 -117.2
fwAVG=2.37
sdW=148.2
fwW=2.47
sdS=20.7
fwS=2.43
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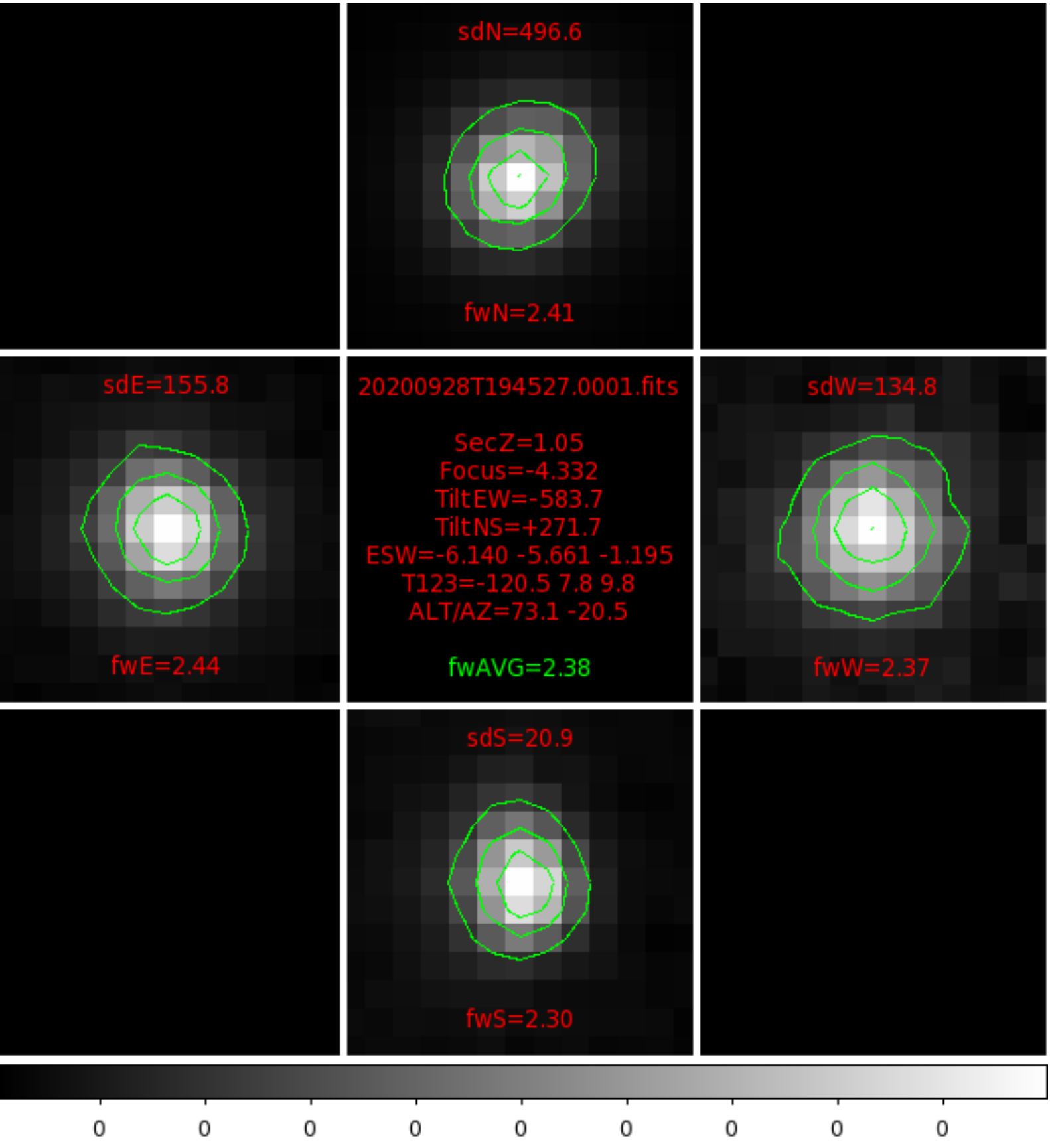
sdN=496.6
fwN=2.41
sdE=155.8
fwE=2.44
20200928T194527.0001.fits
SecZ=1.05
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.5 7.8 9.8
ALT/AZ=73.1 -20.5
fwAVG=2.38
sdW=134.8
fwW=2.37
sdS=20.9
fwS=2.30
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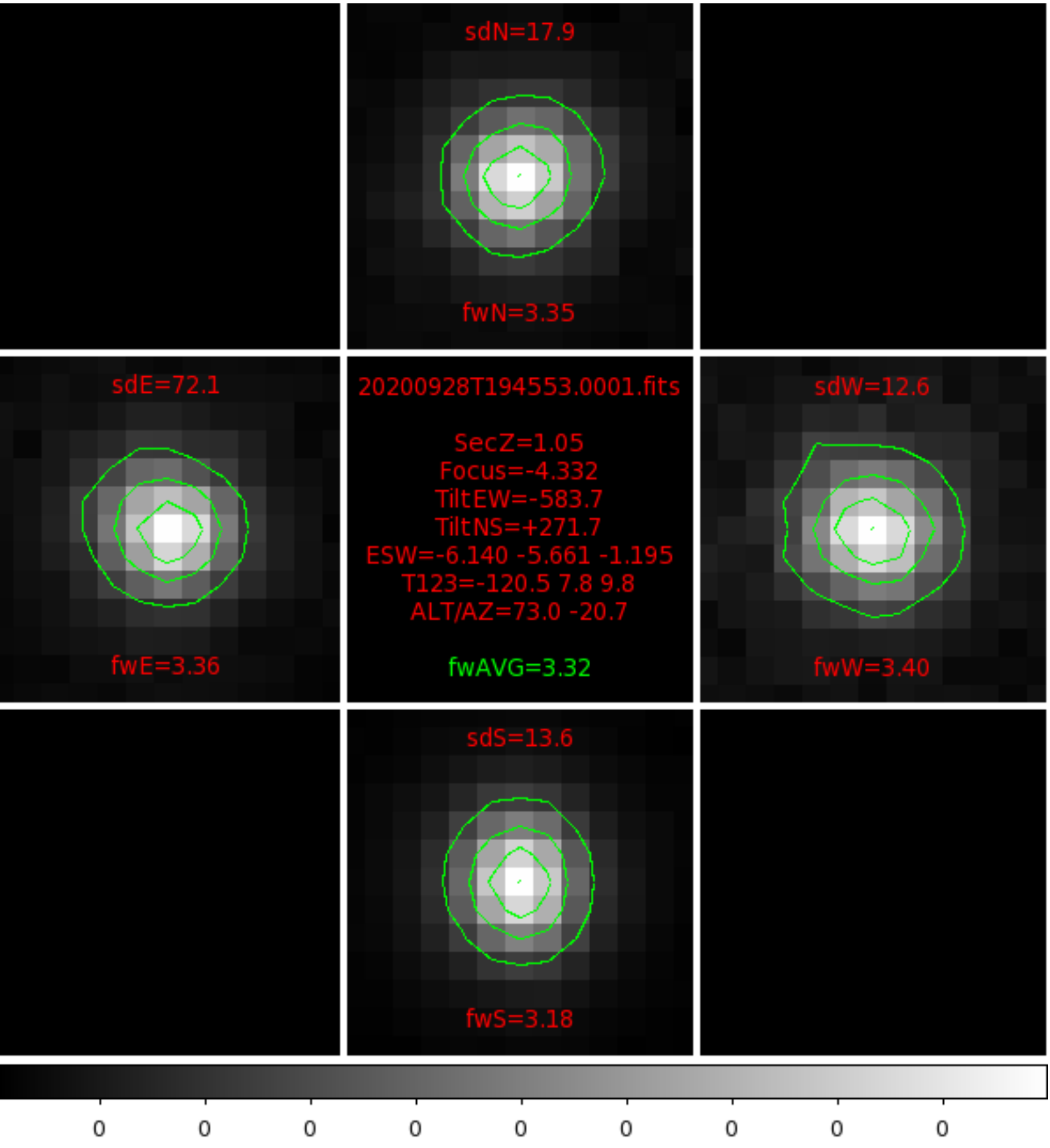
sdN=17.9
fwN=3.35
sdE=72.1
fwE=3.36
20200928T194553.0001.fits
SecZ=1.05
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.5 7.8 9.8
ALT/AZ=73.0 -20.7
fwAVG=3.32
sdW=12.6
fwW=3.40
sdS=13.6
fwS=3.18
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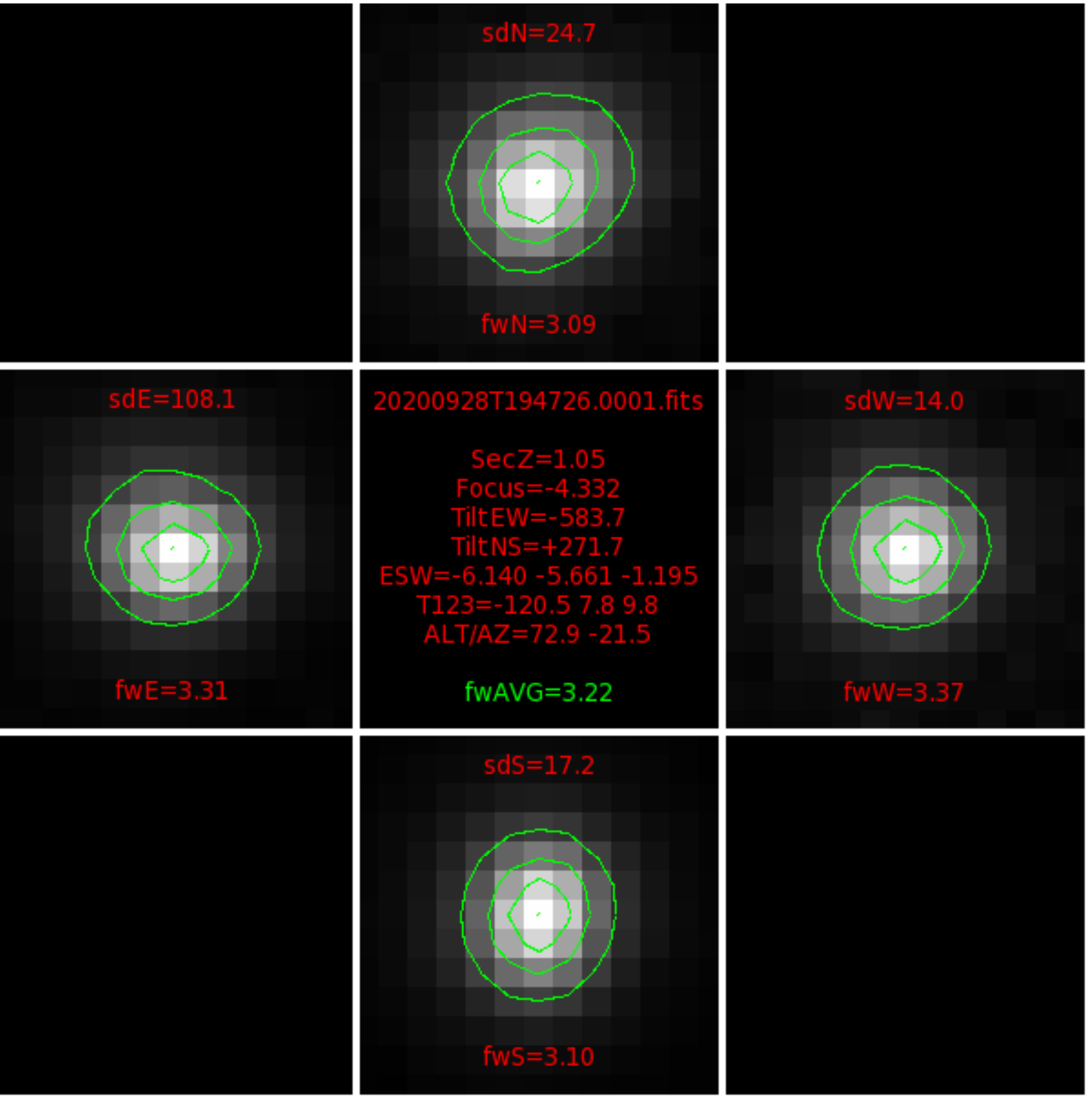
sdN=24.7
fwN=3.09
sdE=108.1
fwE=3.31
20200928T194726.0001.fits
SecZ=1.05
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.5 7.8 9.8
ALT/AZ=72.9 -21.5
fwAVG=3.22
sdW=14.0
fwW=3.37
sdS=17.2
fwS=3.10
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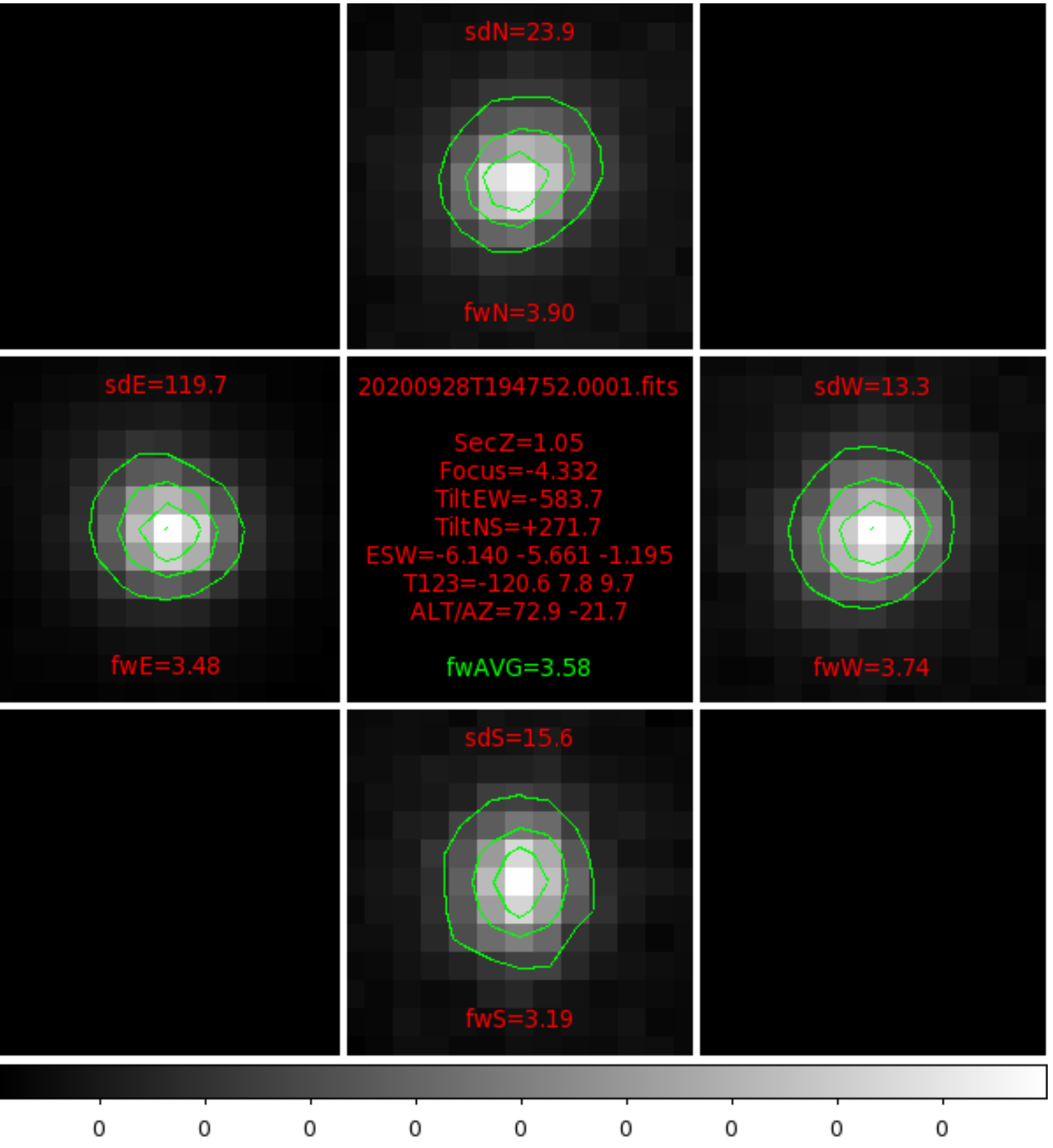
sdN=23.9
fwN=3.90
sdE=119.7
fwE=3.48
20200928T194752.0001.fits
SecZ=1.05
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.6 7.8 9.7
ALT/AZ=72.9 -21.7
fwAVG=3.58
sdW=13.3
fwW=3.74
sdS=15.6
fwS=3.19
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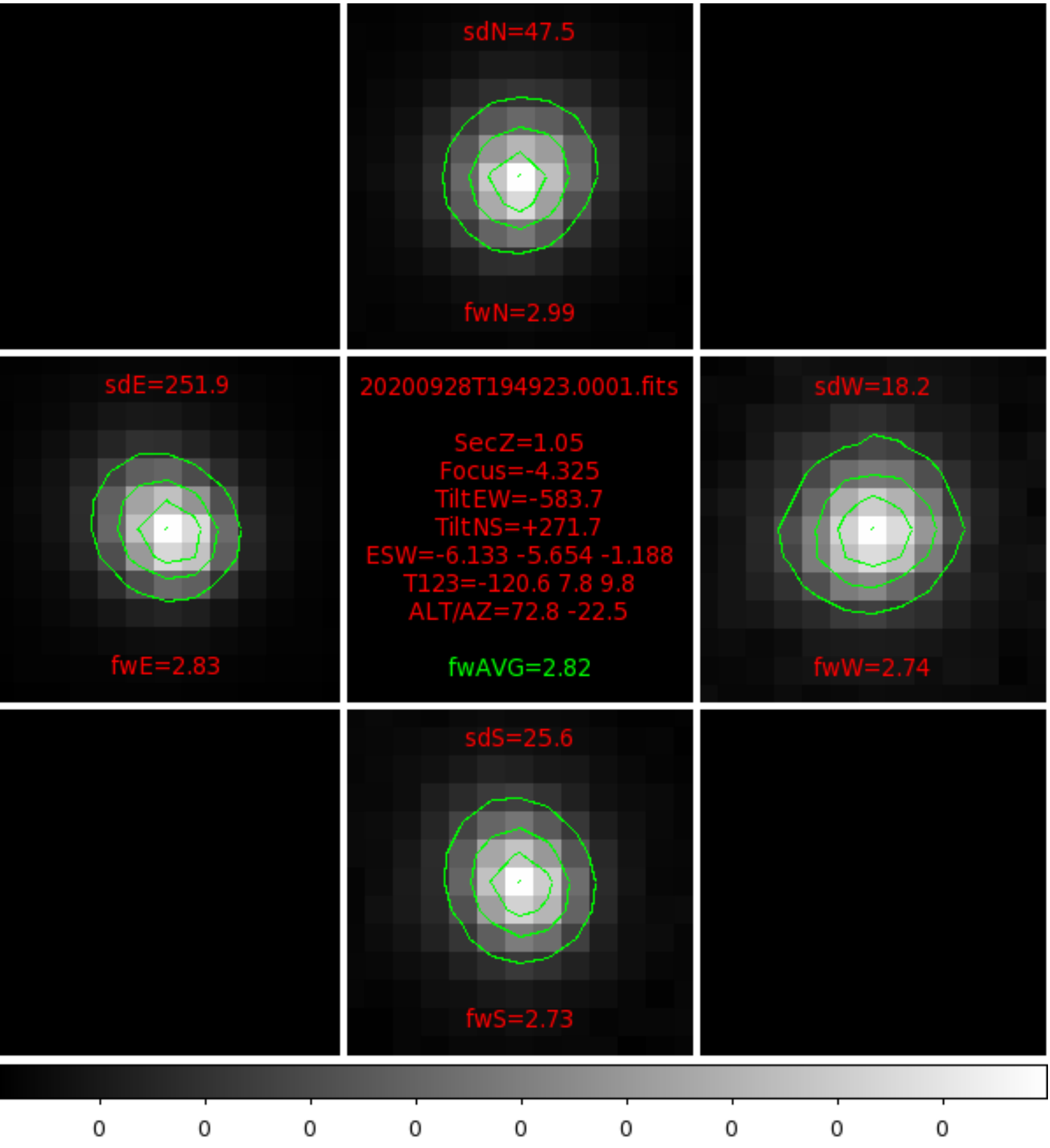
sdN=47.5
fwN=2.99
sdE=251.9
fwE=2.83
20200928T194923.0001.fits
SecZ=1.05
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.6 7.8 9.8
ALT/AZ=72.8 -22.5
fwAVG=2.82
sdW=18.2
fwW=2.74
sdS=25.6
fwS=2.73
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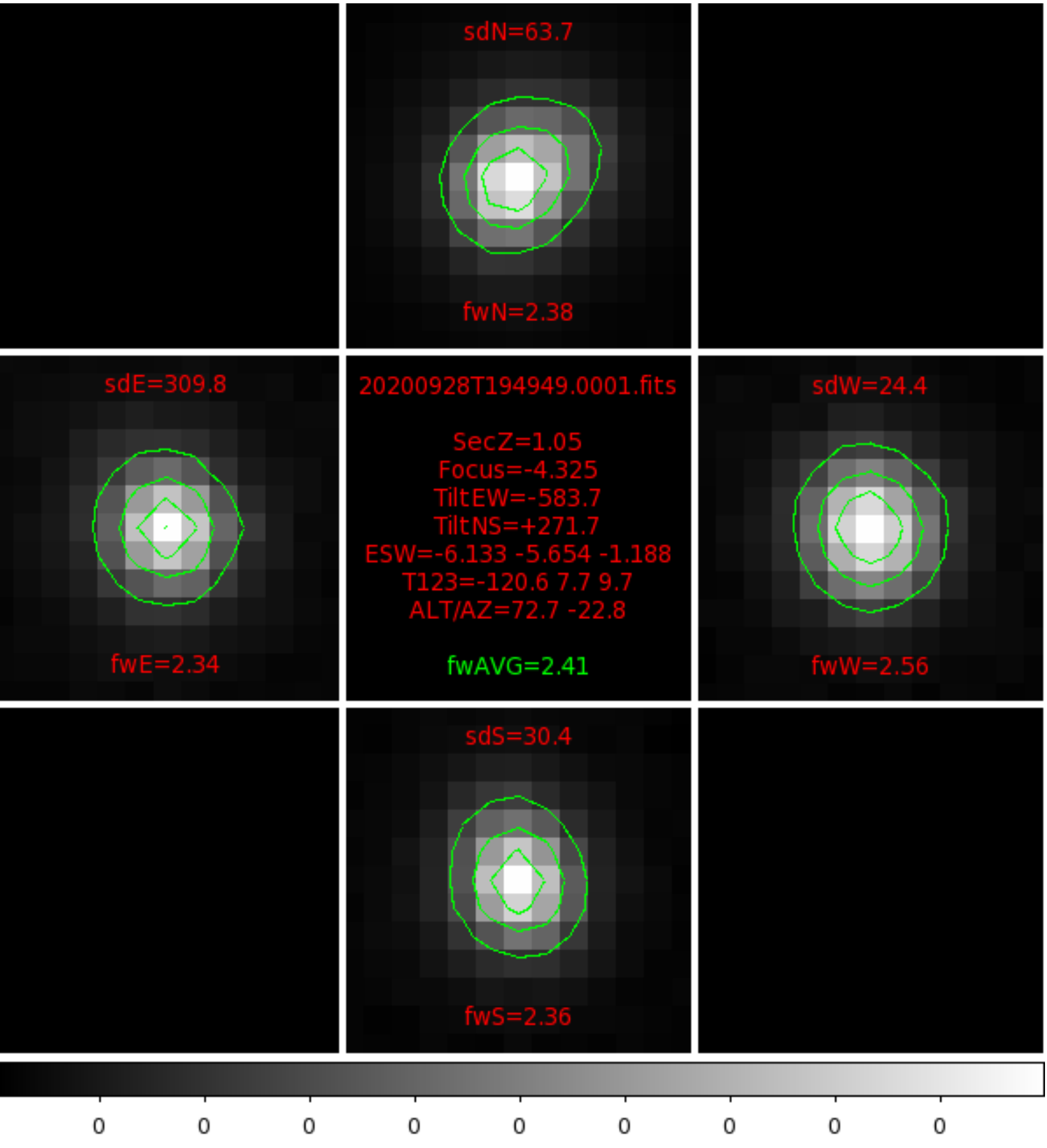
sdN=63.7
fwN=2.38
sdE=309.8
fwE=2.34
20200928T194949.0001.fits
SecZ=1.05
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.6 7.7 9.7
ALT/AZ=72.7 -22.8
fwAVG=2.41
sdW=24.4
fwW=2.56
sdS=30.4
fwS=2.36
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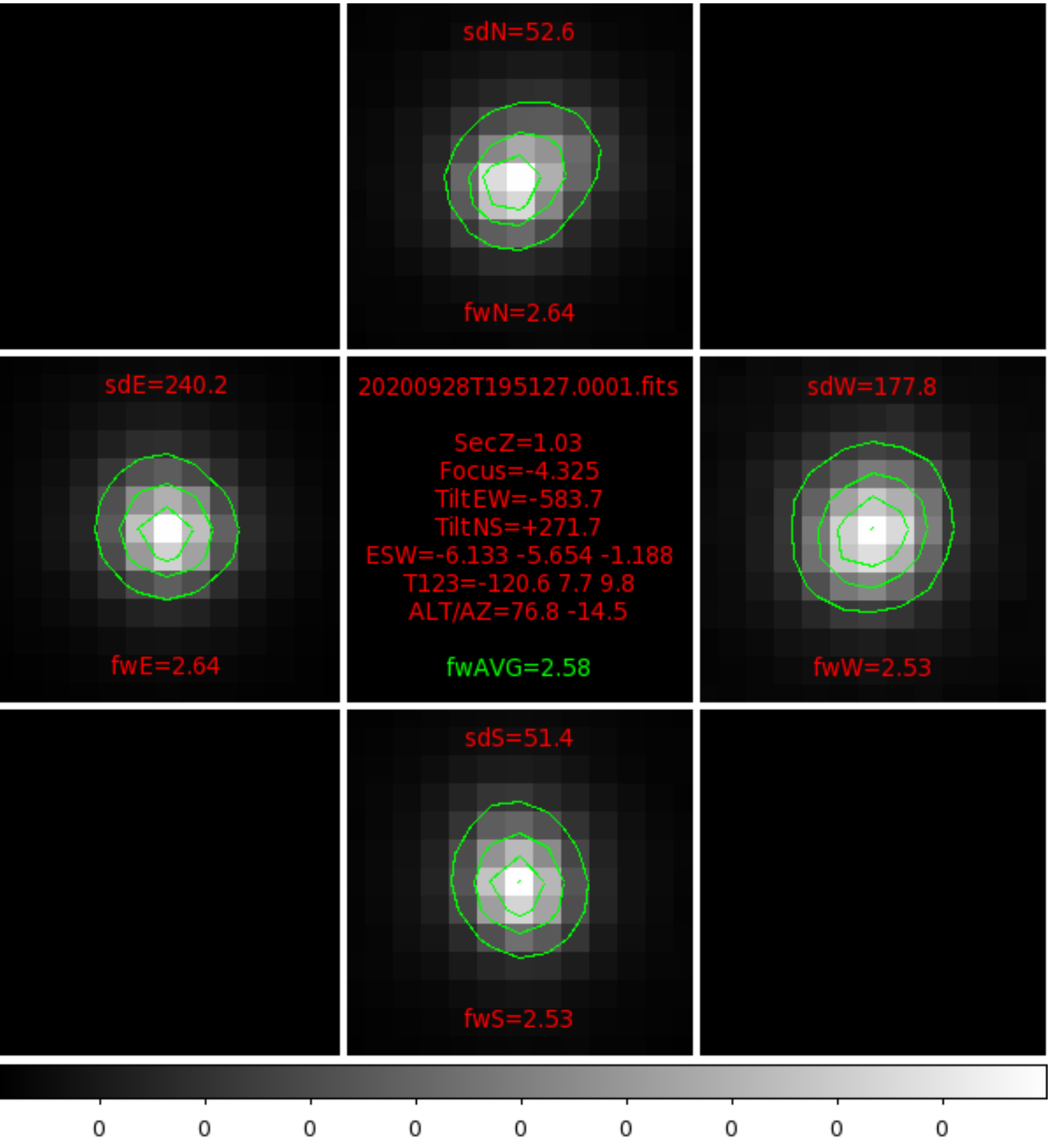
sdN=52.6
fwN=2.64
sdE=240.2
fwE=2.64
20200928T195127.0001.fits
SecZ=1.03
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.6 7.7 9.8
ALT/AZ=76.8 -14.5
fwAVG=2.58
sdW=177.8
fwW=2.53
sdS=51.4
fwS=2.53
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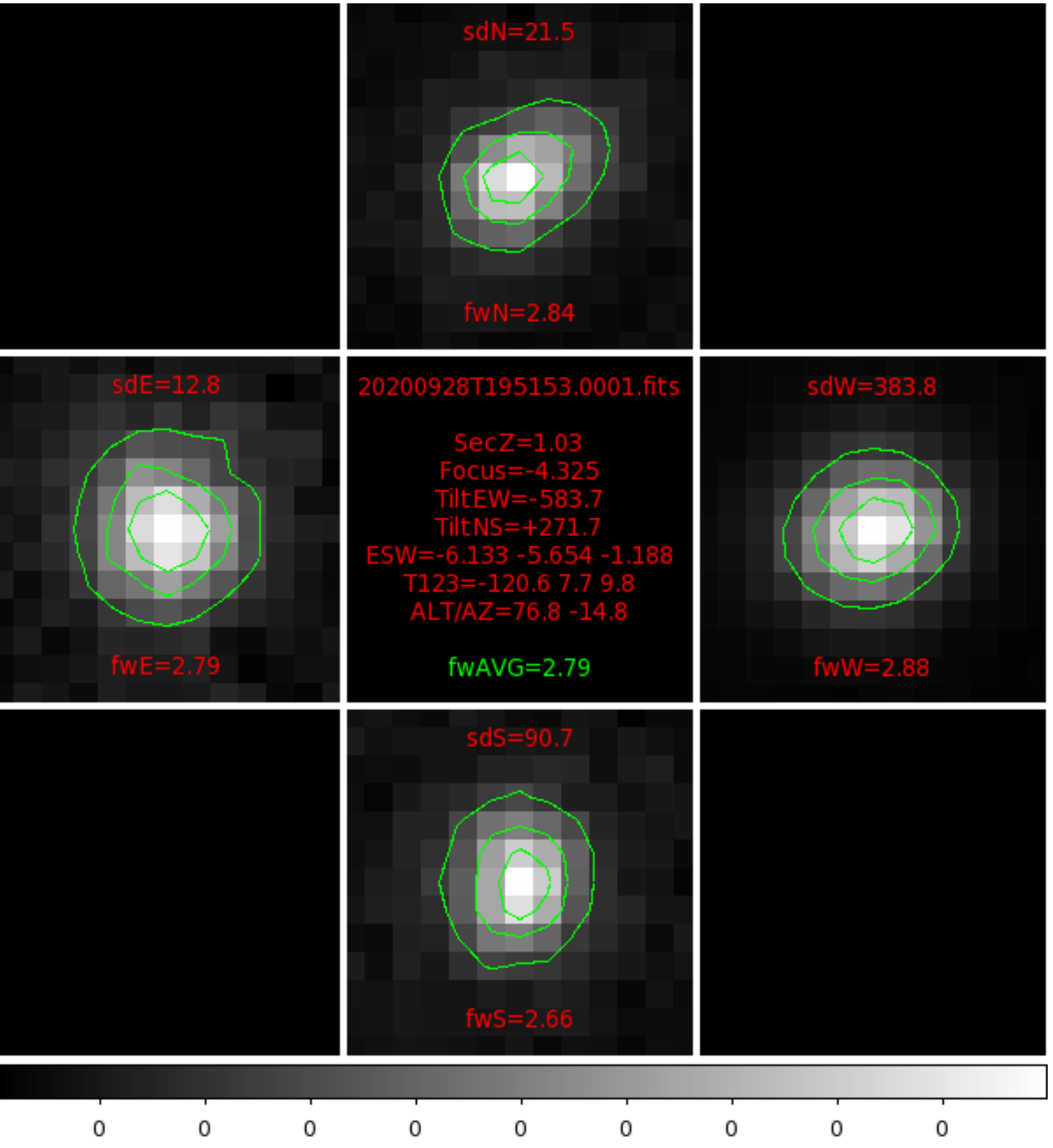
sdN=21.5
fwN=2.84
sdE=12.8
fwE=2.79
20200928T195153.0001.fits
SecZ=1.03
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.6 7.7 9.8
ALT/AZ=76.8 -14.8
fwAVG=2.79
sdW=383.8
fwW=2.88
sdS=90.7
fwS=2.66
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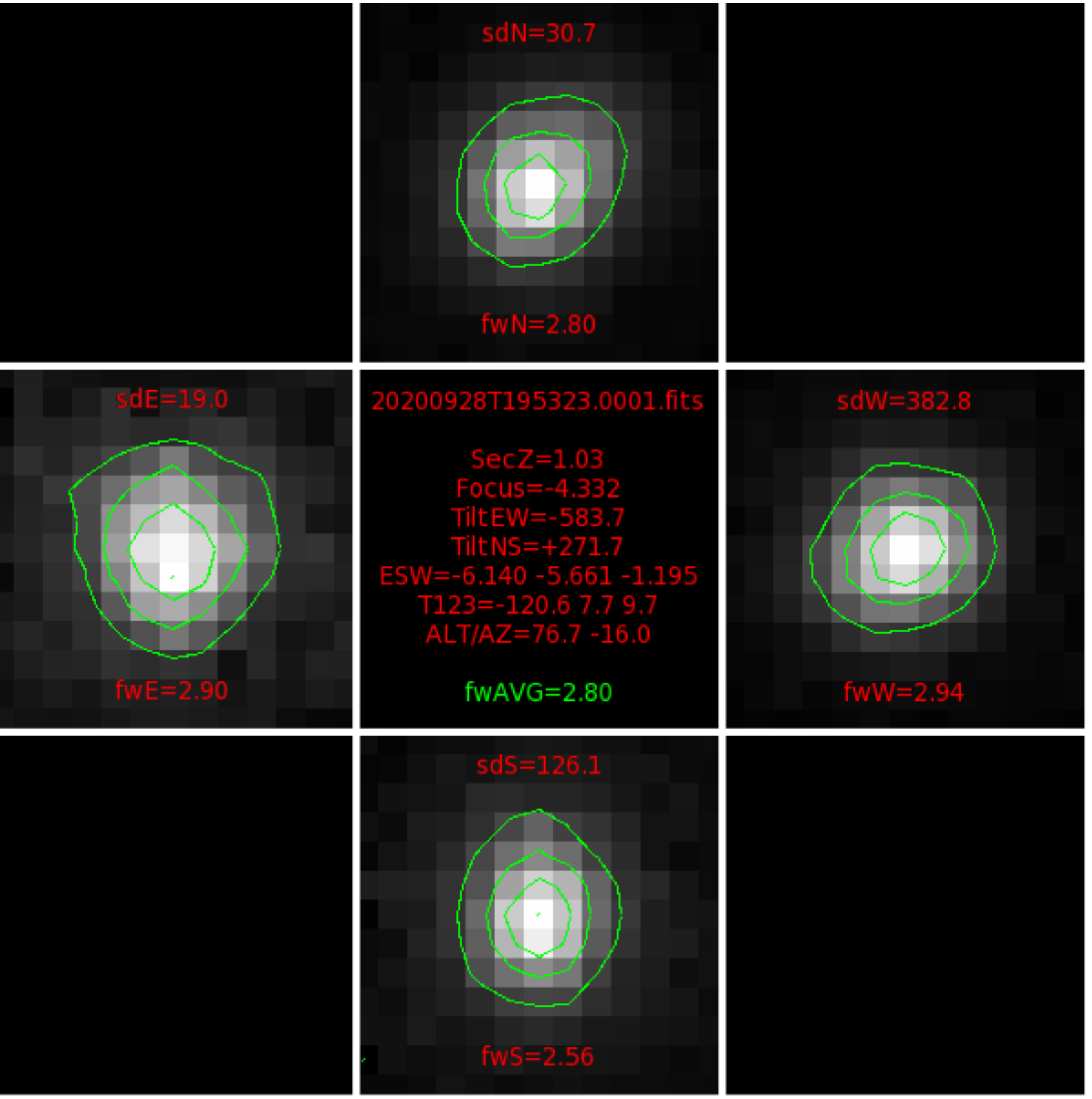
sdN=30.7
fwN=2.80
sdE=19.0
fwE=2.90
20200928T195323.0001.fits
SecZ=1.03
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.6 7.7 9.7
ALT/AZ=76.7 -16.0
fwAVG=2.80
sdW=382.8
fwW=2.94
sdS=126.1
fwS=2.56
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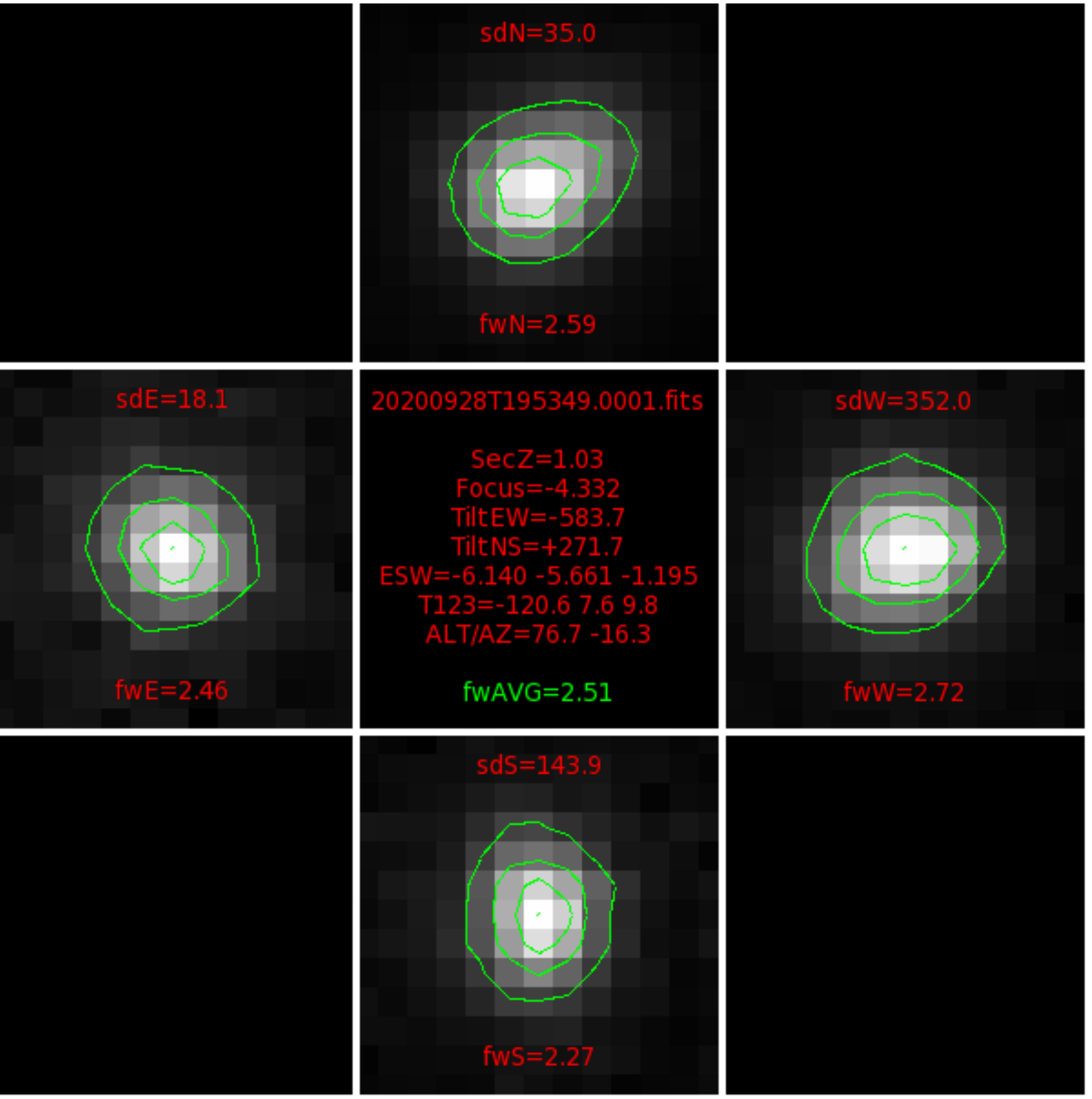
sdN=35.0
fwN=2.59
sdE=18.1
fwE=2.46
20200928T195349.0001.fits
SecZ=1.03
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.6 7.6 9.8
ALT/AZ=76.7 -16.3
fwAVG=2.51
sdW=352.0
fwW=2.72
sdS=143.9
fwS=2.27
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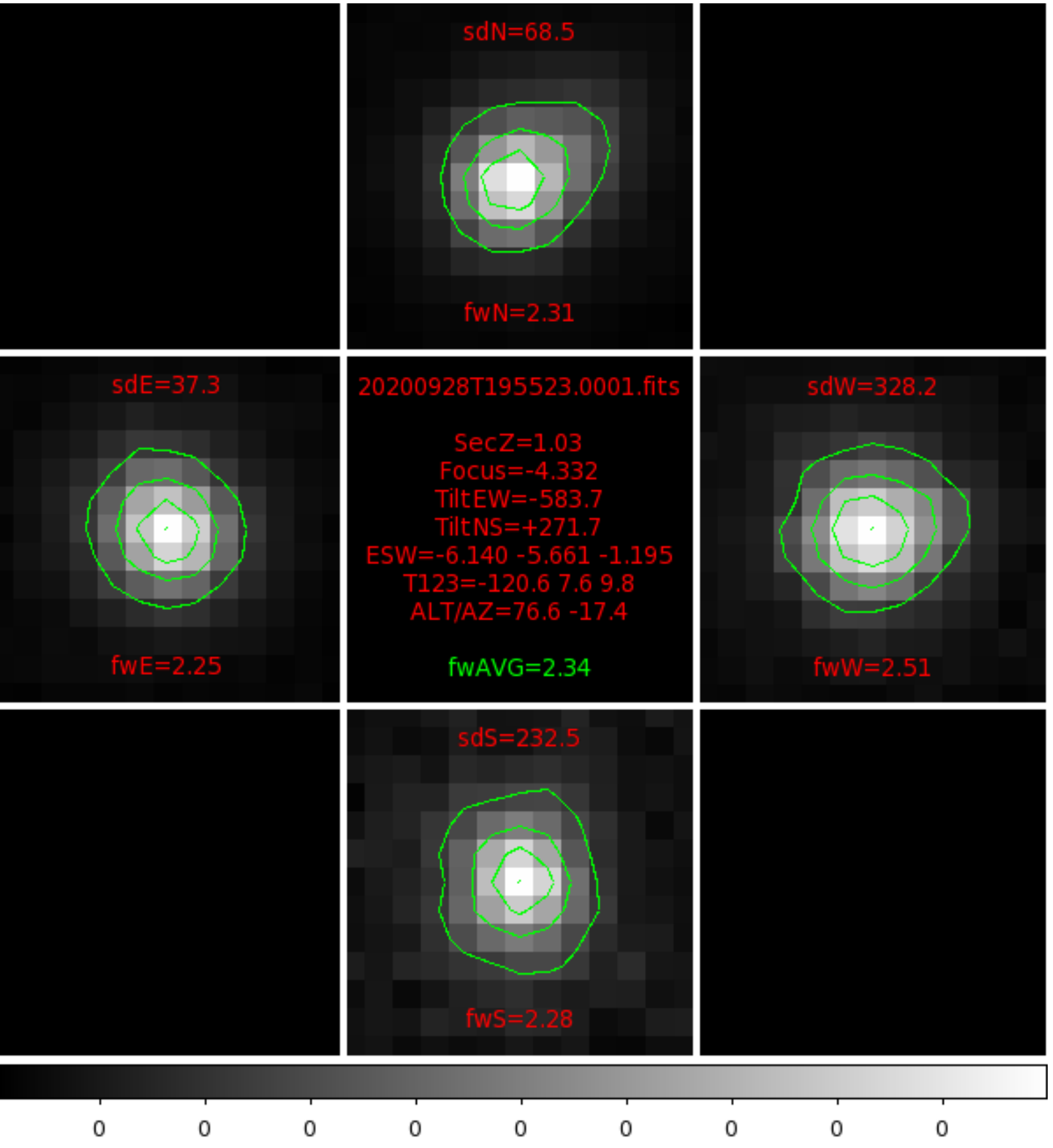
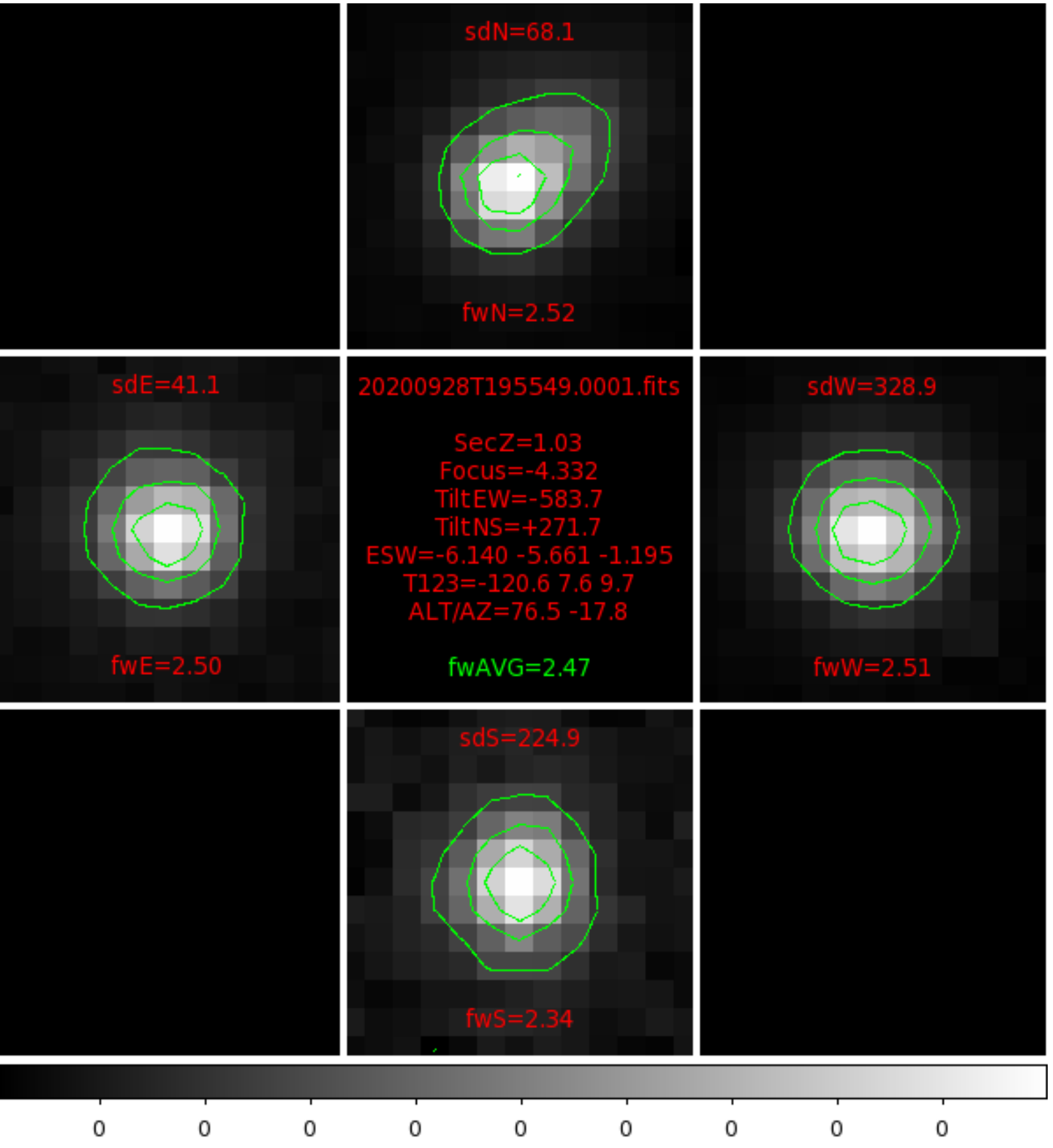
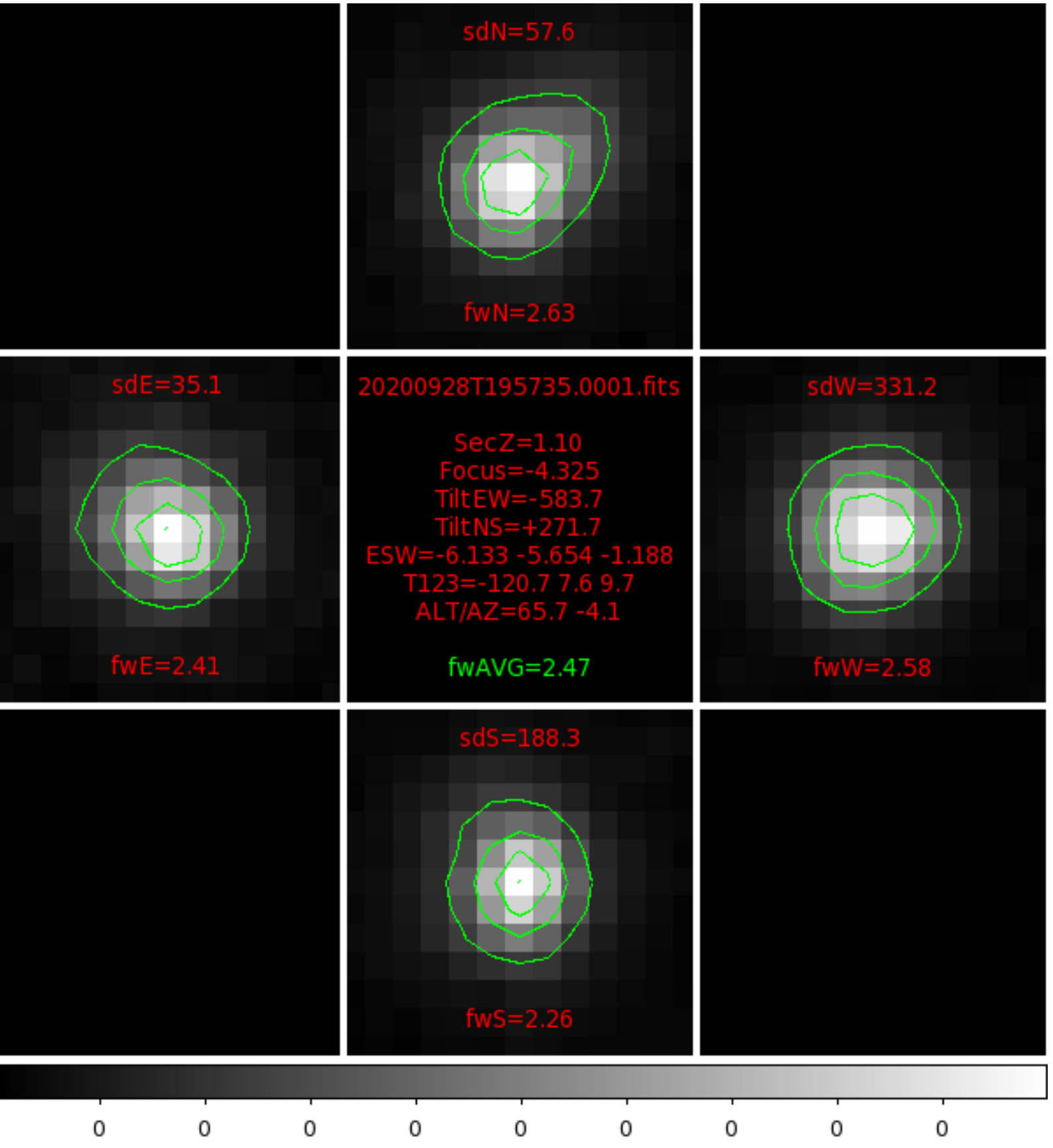
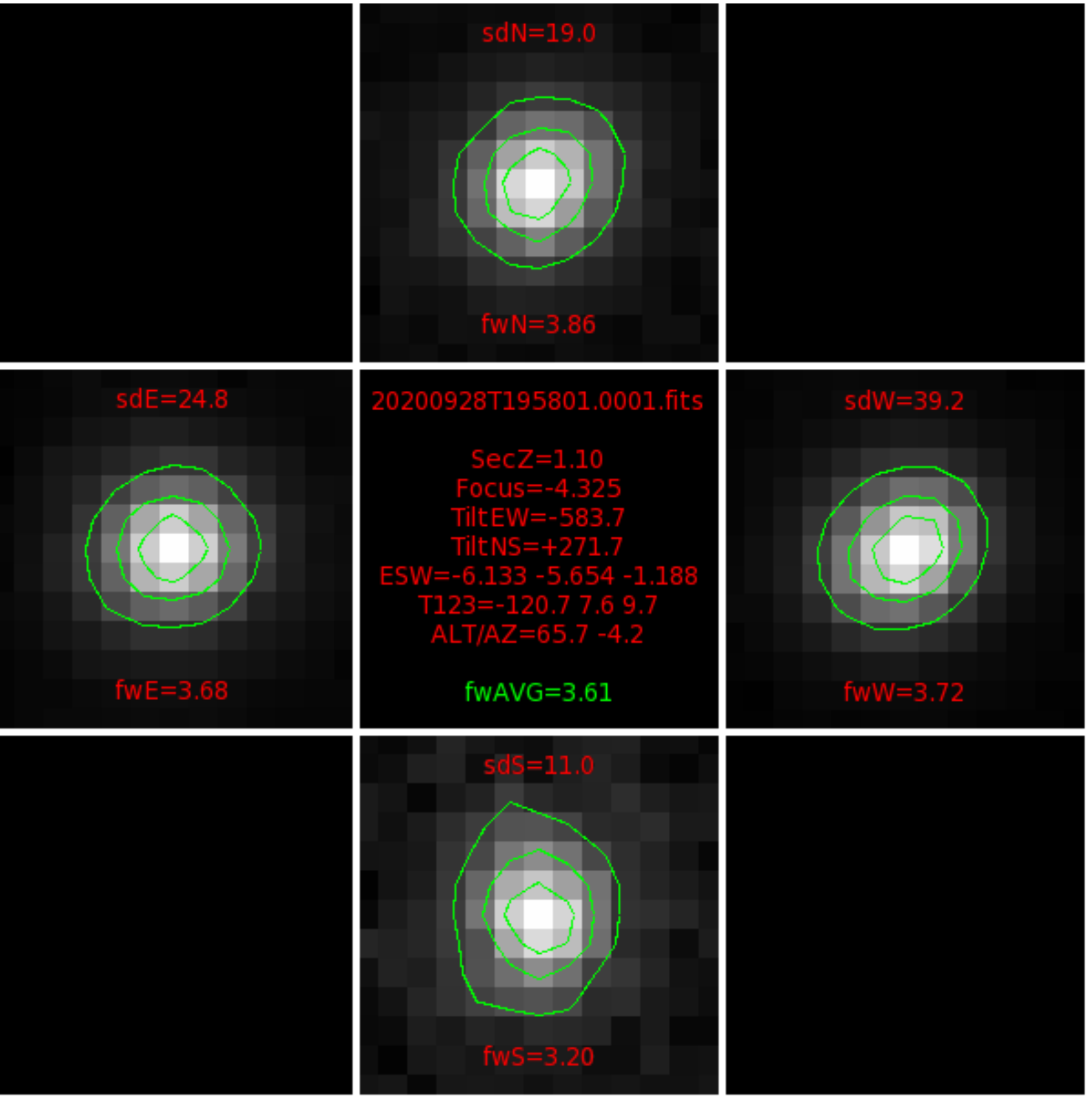
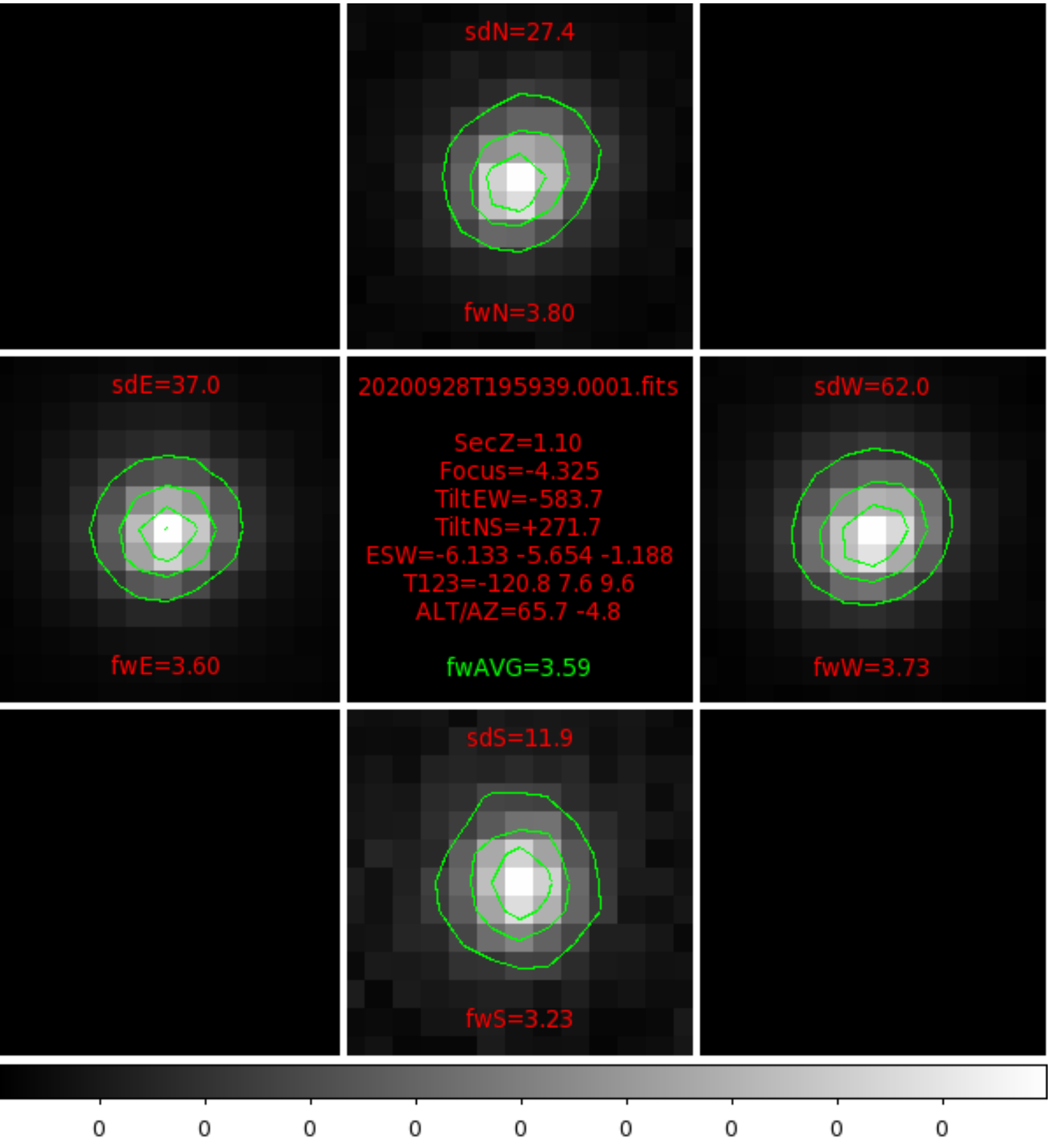

sdN=68.5
fwN=2.31
sdE=37.3
fwE=2.25
20200928T195523.0001.fits
SecZ=1.03
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.6 7.6 9.8
ALT/AZ=76.6 -17.4
fwAVG=2.34
sdW=328.2
fwW=2.51
sdS=232.5
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=68.1
fwN=2.52
sdE=41.1
fwE=2.50
20200928T195549.0001.fits
SecZ=1.03
Focus=-4.332
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.140 -5.661 -1.195
T123=-120.6 7.6 9.7
ALT/AZ=76.5 -17.8
fwAVG=2.47
sdW=328.9
fwW=2.51
sdS=224.9
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=57.6
fwN=2.63
sdE=35.1
fwE=2.41
20200928T195735.0001.fits
SecZ=1.10
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.7 7.6 9.7
ALT/AZ=65.7 -4.1
fwAVG=2.47
sdW=331.2
fwW=2.58
sdS=188.3
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=19.0
fwN=3.86
sdE=24.8
fwE=3.68
20200928T195801.0001.fits
SecZ=1.10
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.7 7.6 9.7
ALT/AZ=65.7 -4.2
fwAVG=3.61
sdW=39.2
fwW=3.72
sdS=11.0
fwS=3.20
0 0 0 0 0 0 0 0 0


sdN=27.4
fwN=3.80
sdE=37.0
fwE=3.60
20200928T195939.0001.fits
SecZ=1.10
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.8 7.6 9.6
ALT/AZ=65.7 -4.8
fwAVG=3.59
sdW=62.0
fwW=3.73
sdS=11.9
fwS=3.23
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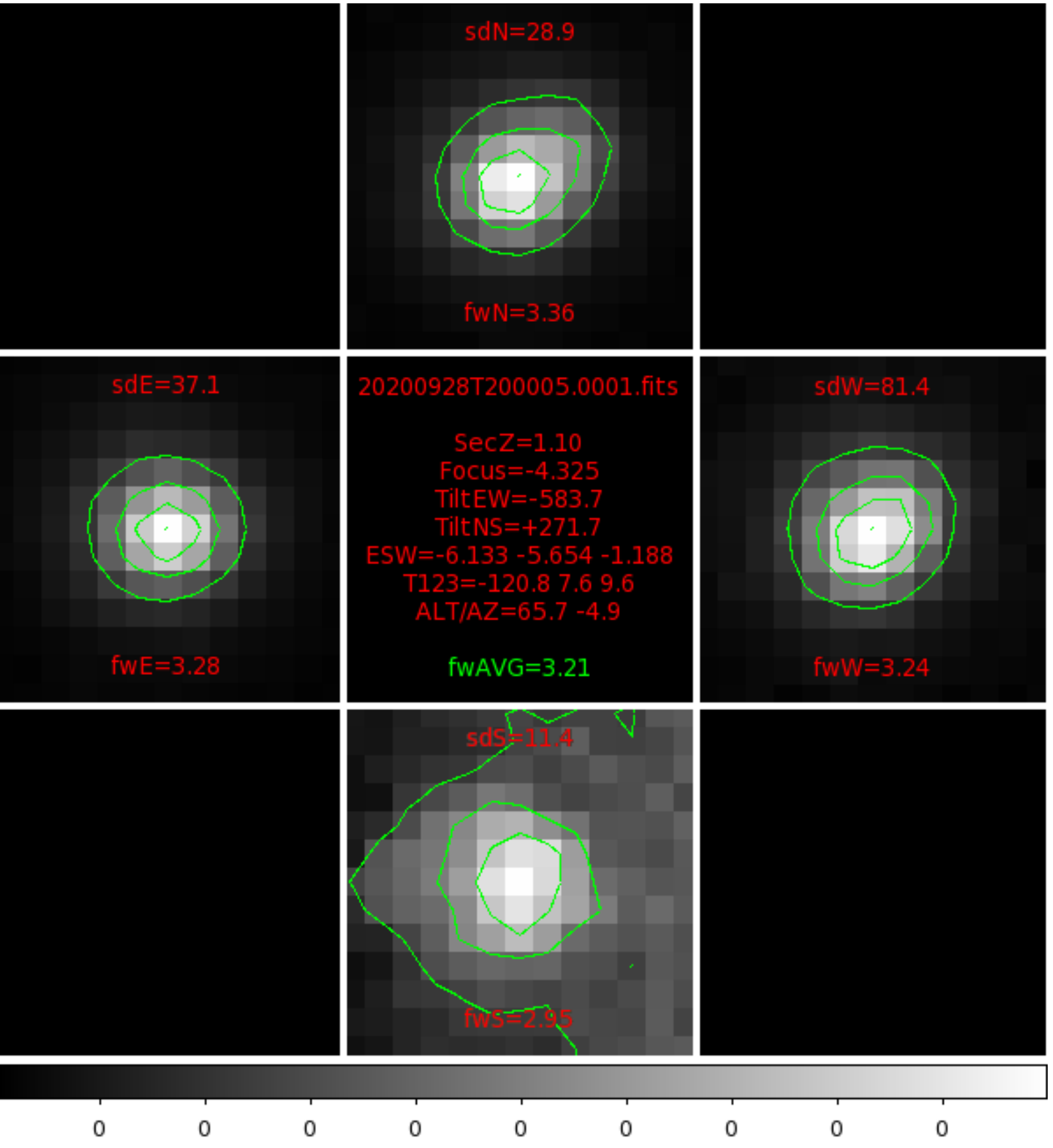
sdN=28.9
fwN=3.36
sdE=37.1
fwE=3.28
20200928T200005.0001.fits
SecZ=1.10
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.8 7.6 9.6
ALT/AZ=65.7 -4.9
fwAVG=3.21
sdW=81.4
fwW=3.24
sdS=11.4
fwS=2.95
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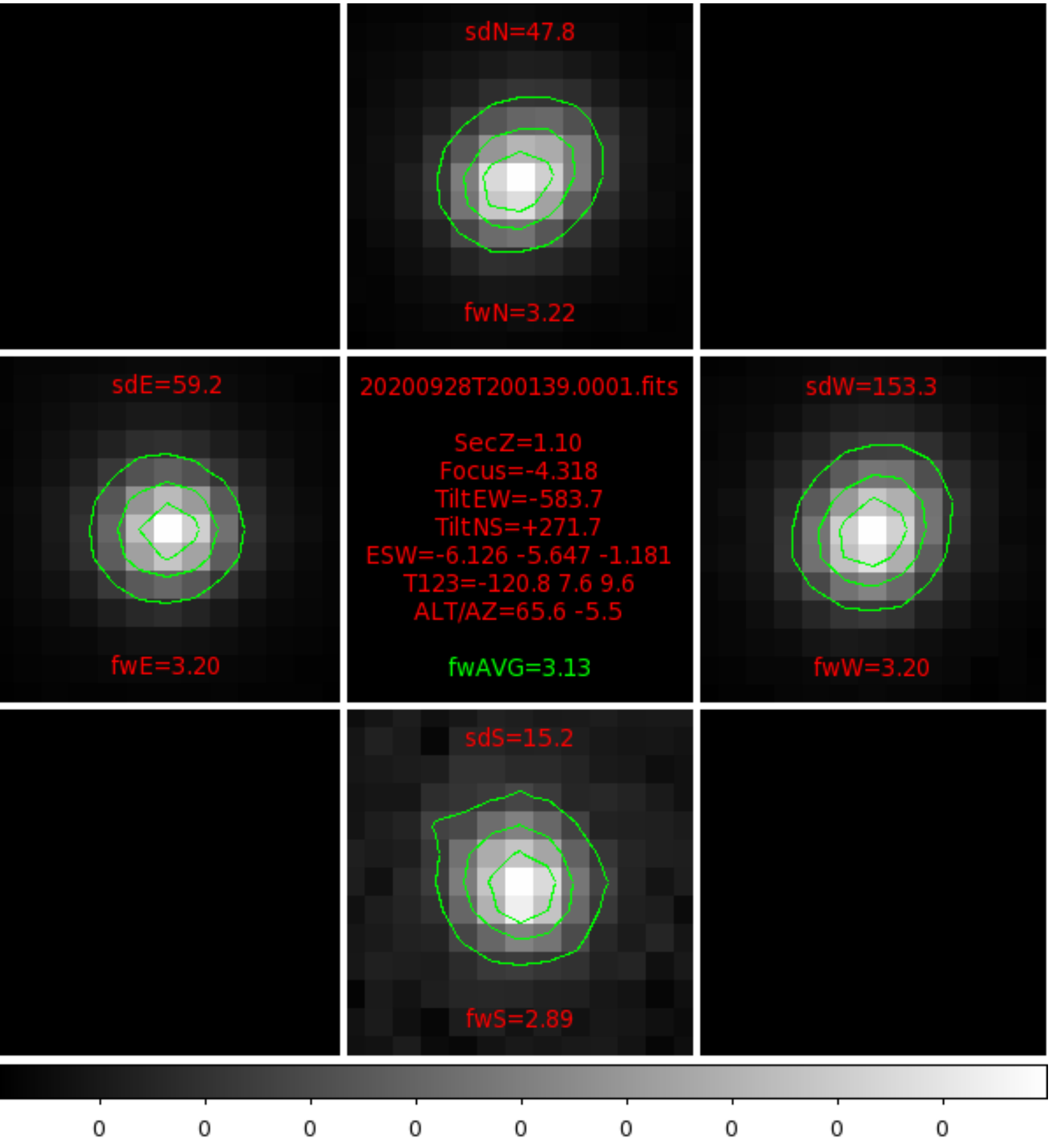
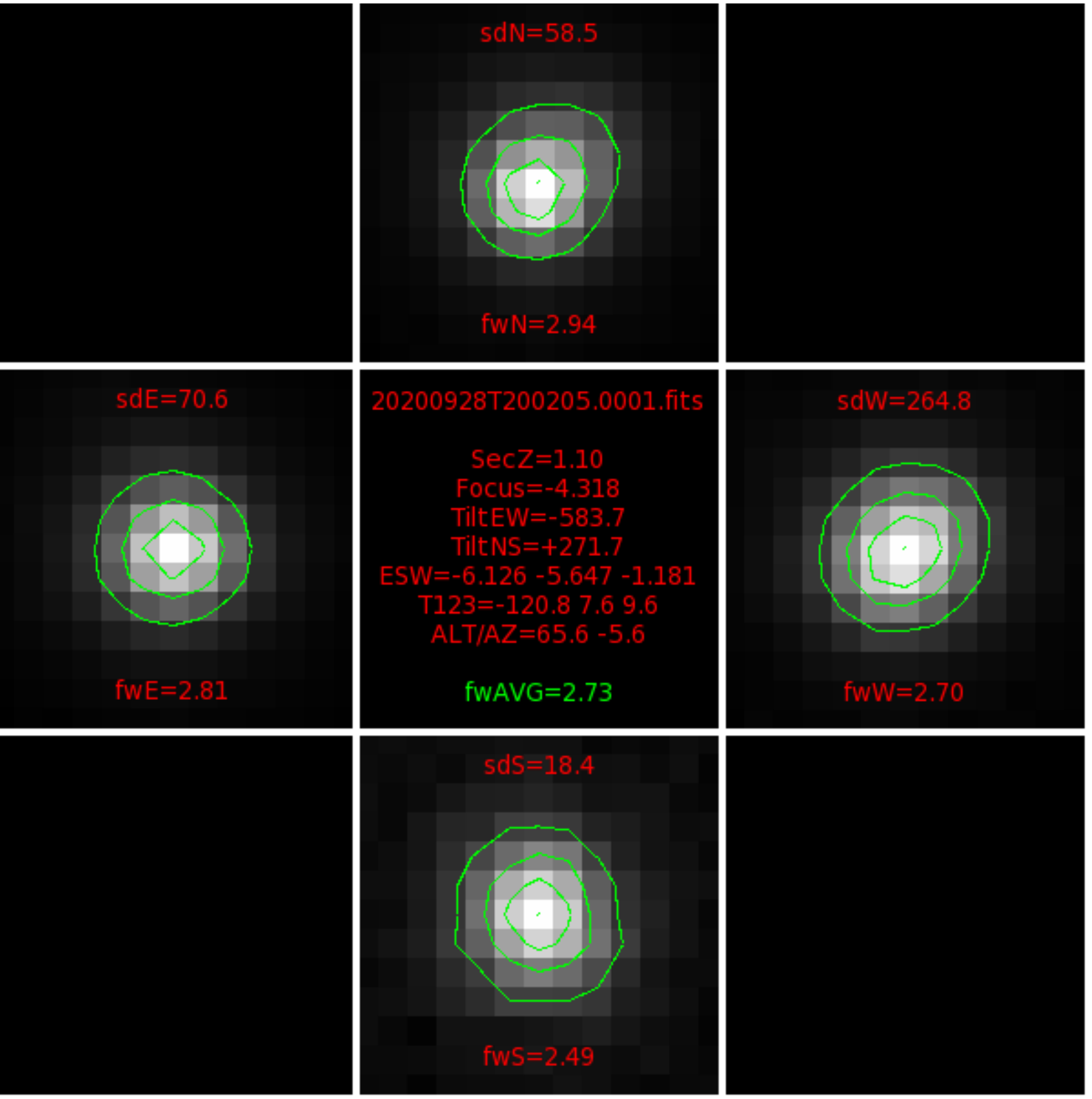

sdN=47.8
fwN=3.22
sdE=59.2
fwE=3.20
20200928T200139.0001.fits
SecZ=1.10
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 7.6 9.6
ALT/AZ=65.6 -5.5
fwAVG=3.13
sdW=153.3
fwW=3.20
sdS=15.2
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=58.5
fwN=2.94
sdE=70.6
fwE=2.81
20200928T200205.0001.fits
SecZ=1.10
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 7.6 9.6
ALT/AZ=65.6 -5.6
fwAVG=2.73
sdW=264.8
fwW=2.70
sdS=18.4
fwS=2.49
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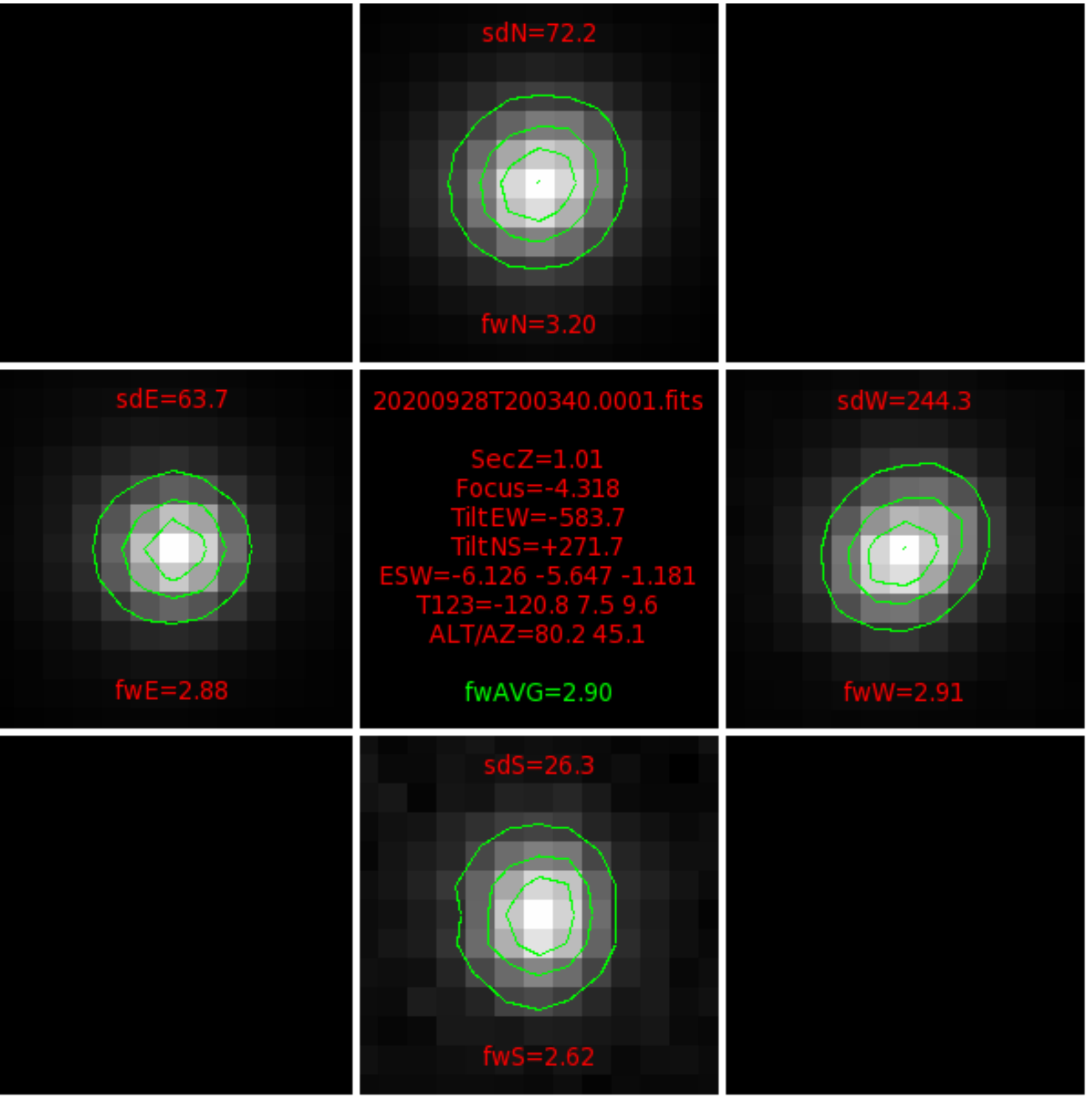
sdN=72.2
fwN=3.20
sdE=63.7
fwE=2.88
20200928T200340.0001.fits
SecZ=1.01
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 7.5 9.6
ALT/AZ=80.2 45.1
fwAVG=2.90
sdW=244.3
fwW=2.91
sdS=26.3
fwS=2.62
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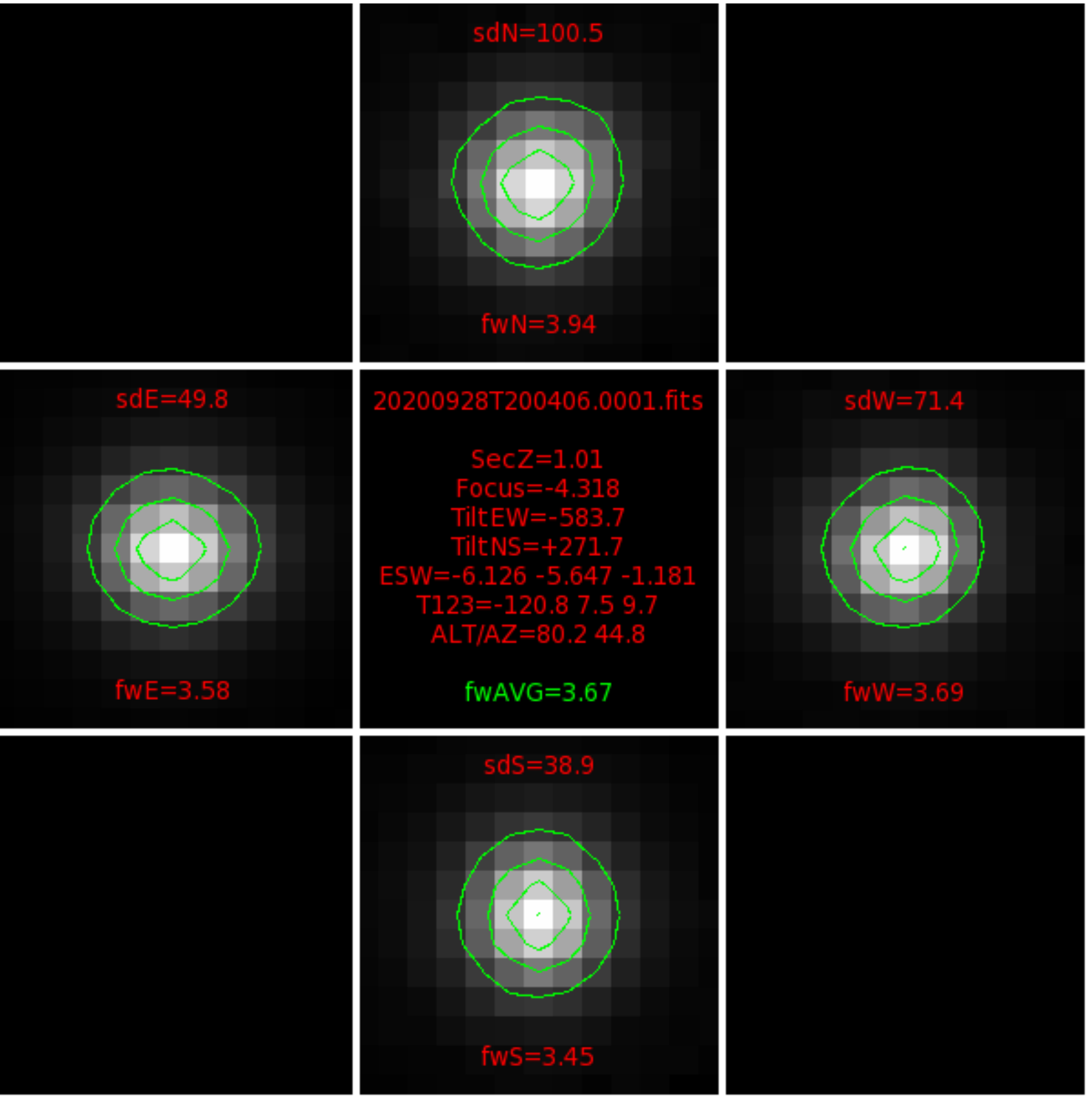
sdN=100.5
fwN=3.94
sdE=49.8
fwE=3.58
20200928T200406.0001.fits
SecZ=1.01
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 7.5 9.7
ALT/AZ=80.2 44.8
fwAVG=3.67
sdW=71.4
fwW=3.69
sdS=38.9
fwS=3.45
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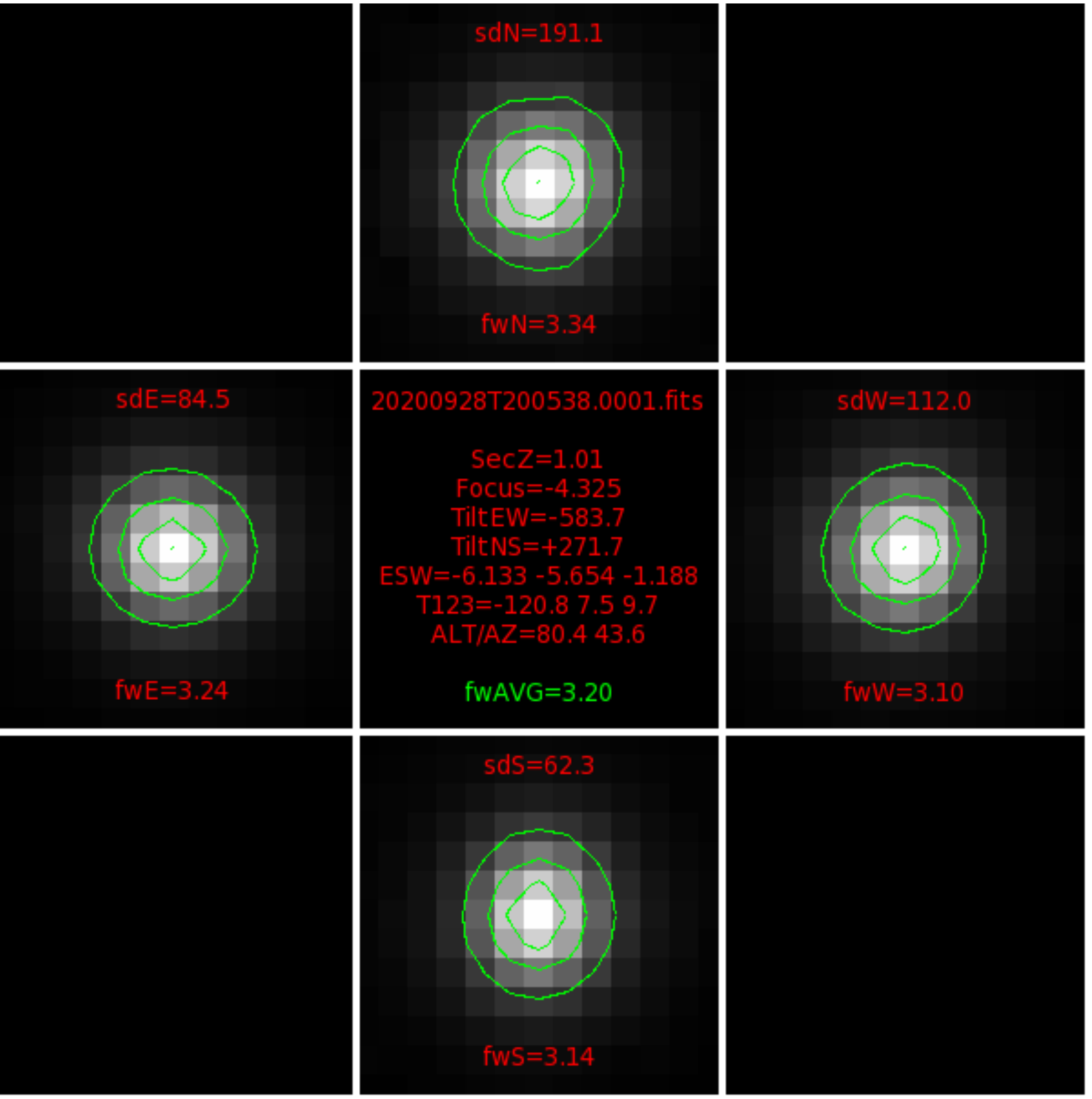
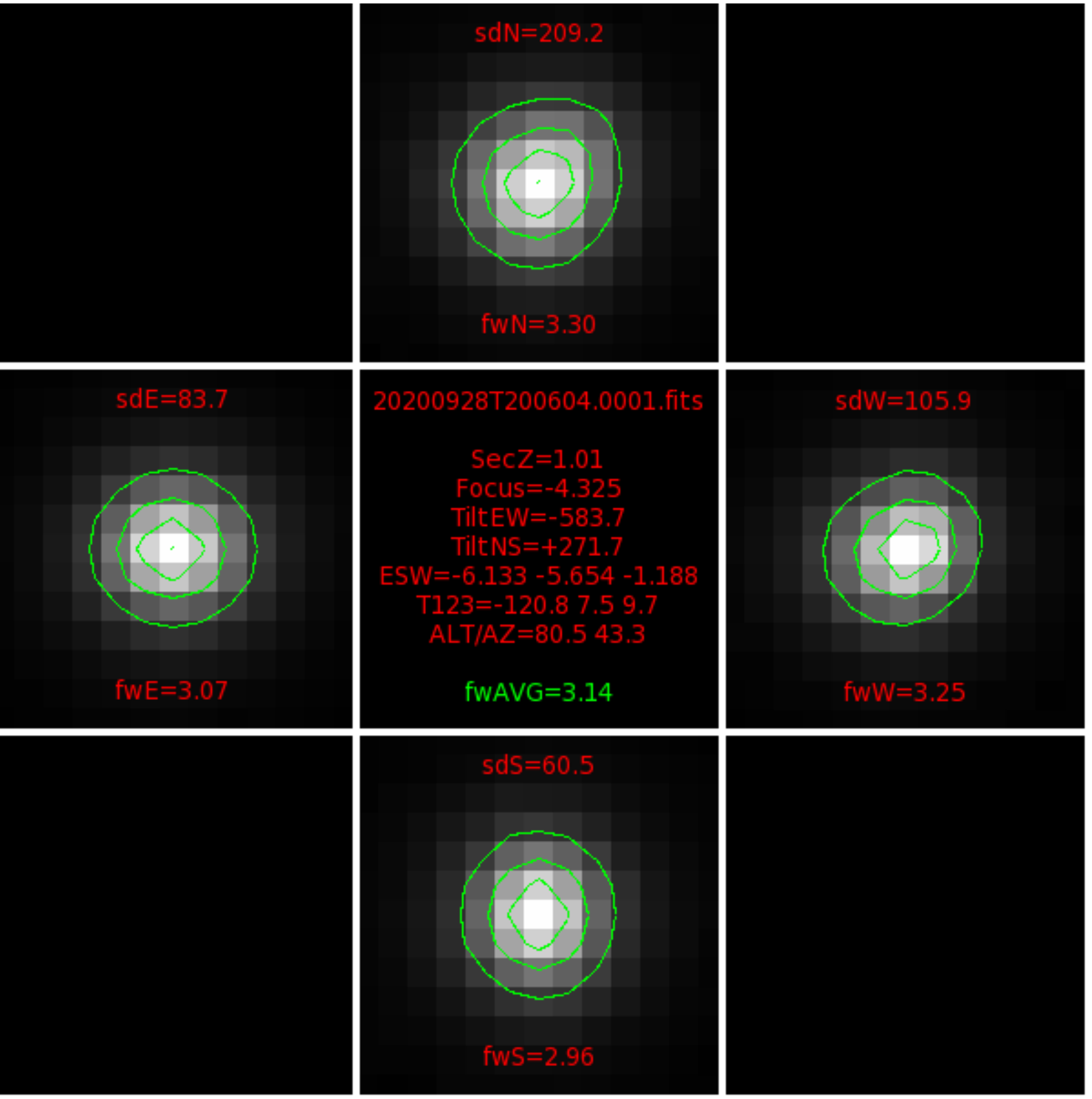
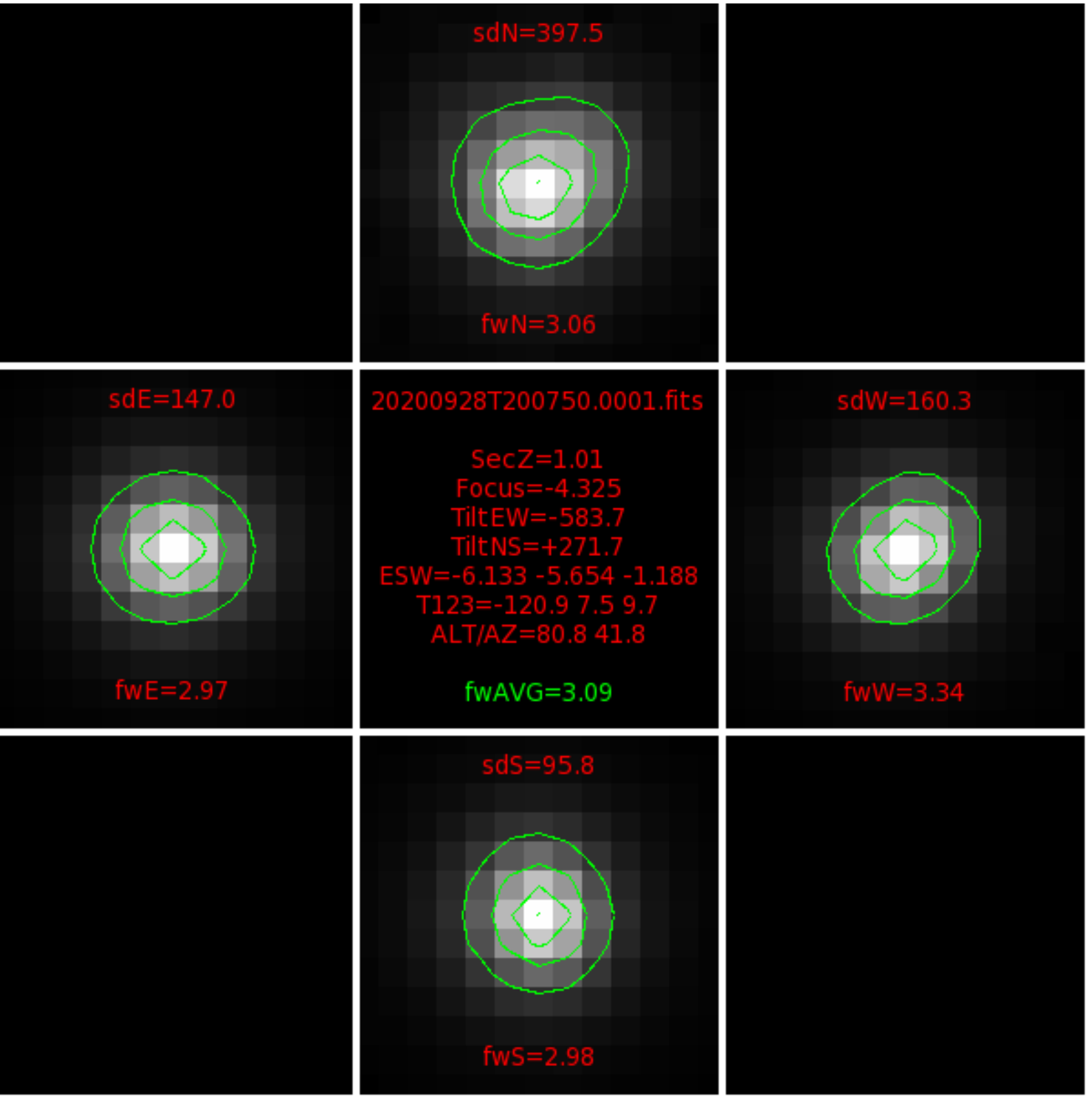

sdN=191.1
fwN=3.34
sdE=84.5
fwE=3.24
20200928T200538.0001.fits
SecZ=1.01
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.8 7.5 9.7
ALT/AZ=80.4 43.6
fwAVG=3.20
sdW=112.0
fwW=3.10
sdS=62.3
fwS=3.14
0 0 0 0 0 0 0 0 0


sdN=209.2
fwN=3.30
sdE=83.7
fwE=3.07
20200928T200604.0001.fits
SecZ=1.01
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.8 7.5 9.7
ALT/AZ=80.5 43.3
fwAVG=3.14
sdW=105.9
fwW=3.25
sdS=60.5
fwS=2.96
0 0 0 0 0 0 0 0 0


sdN=397.5
fwN=3.06
sdE=147.0
fwE=2.97
20200928T200750.0001.fits
SecZ=1.01
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.9 7.5 9.7
ALT/AZ=80.8 41.8
fwAVG=3.09
sdW=160.3
fwW=3.34
sdS=95.8
fwS=2.98
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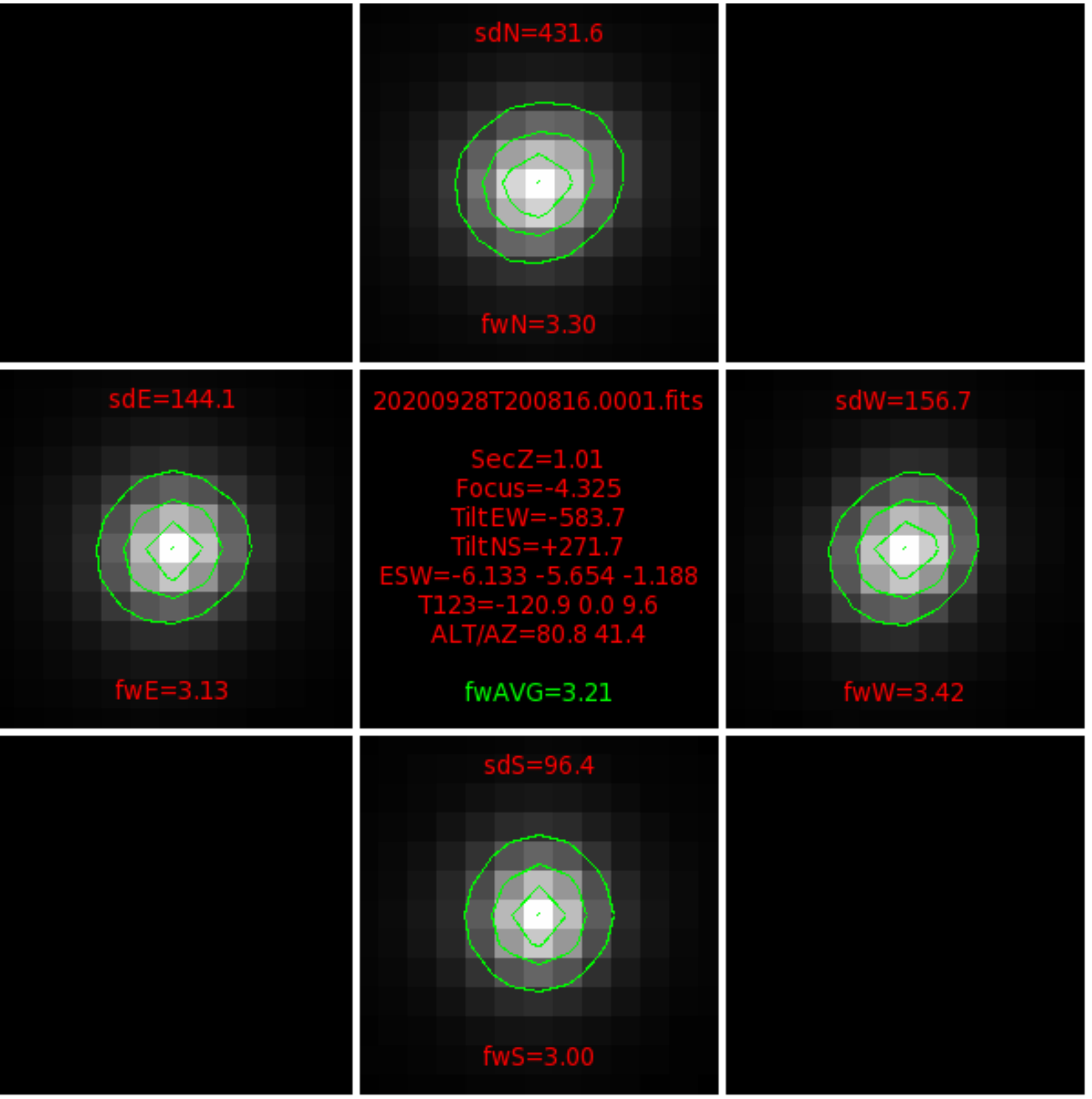
sdN=431.6
fwN=3.30
sdE=144.1
fwE=3.13
20200928T200816.0001.fits
SecZ=1.01
Focus=-4.325
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.133 -5.654 -1.188
T123=-120.9 0.0 9.6
ALT/AZ=80.8 41.4
fwAVG=3.21
sdW=156.7
fwW=3.42
sdS=96.4
fwS=3.00
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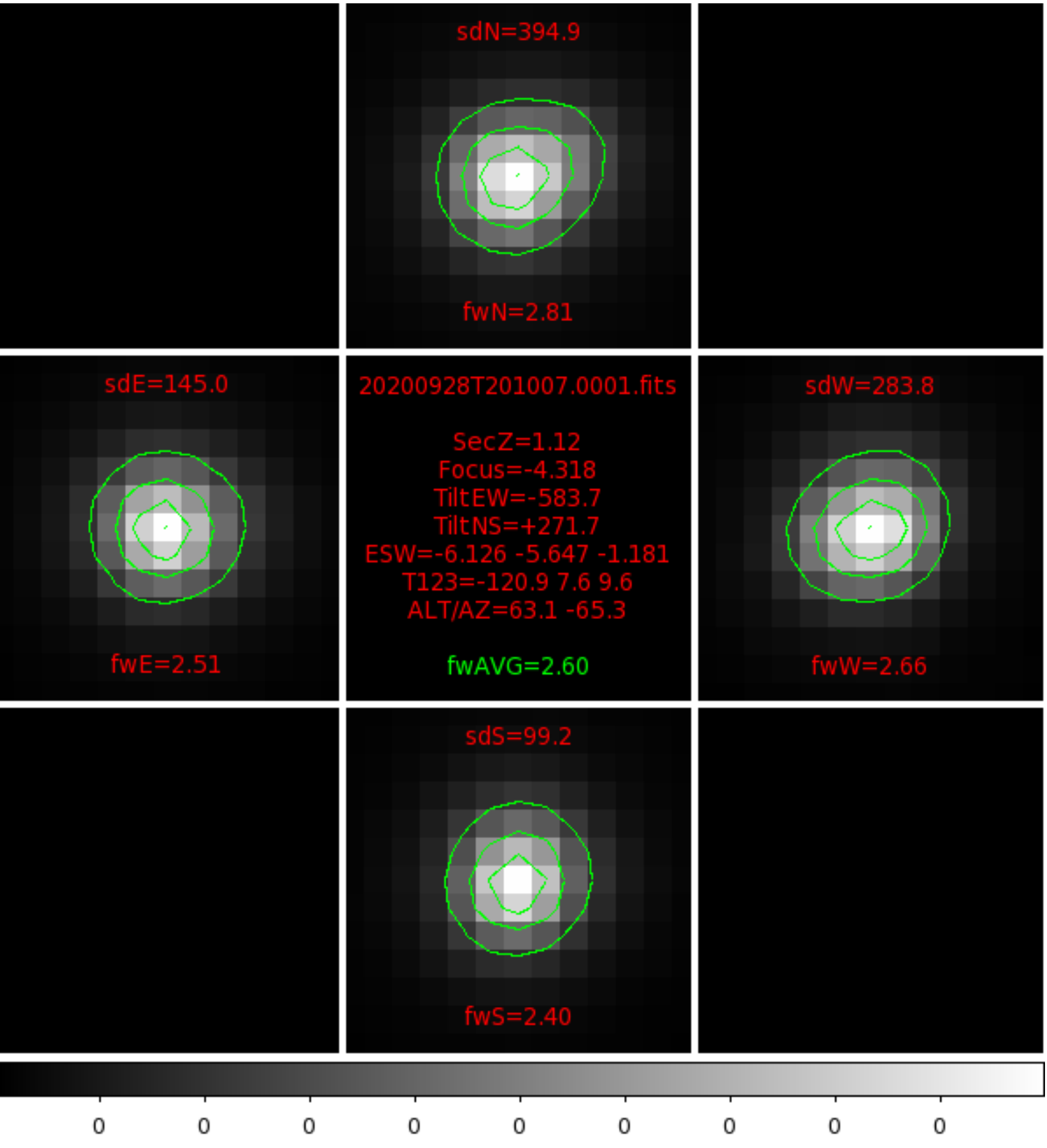
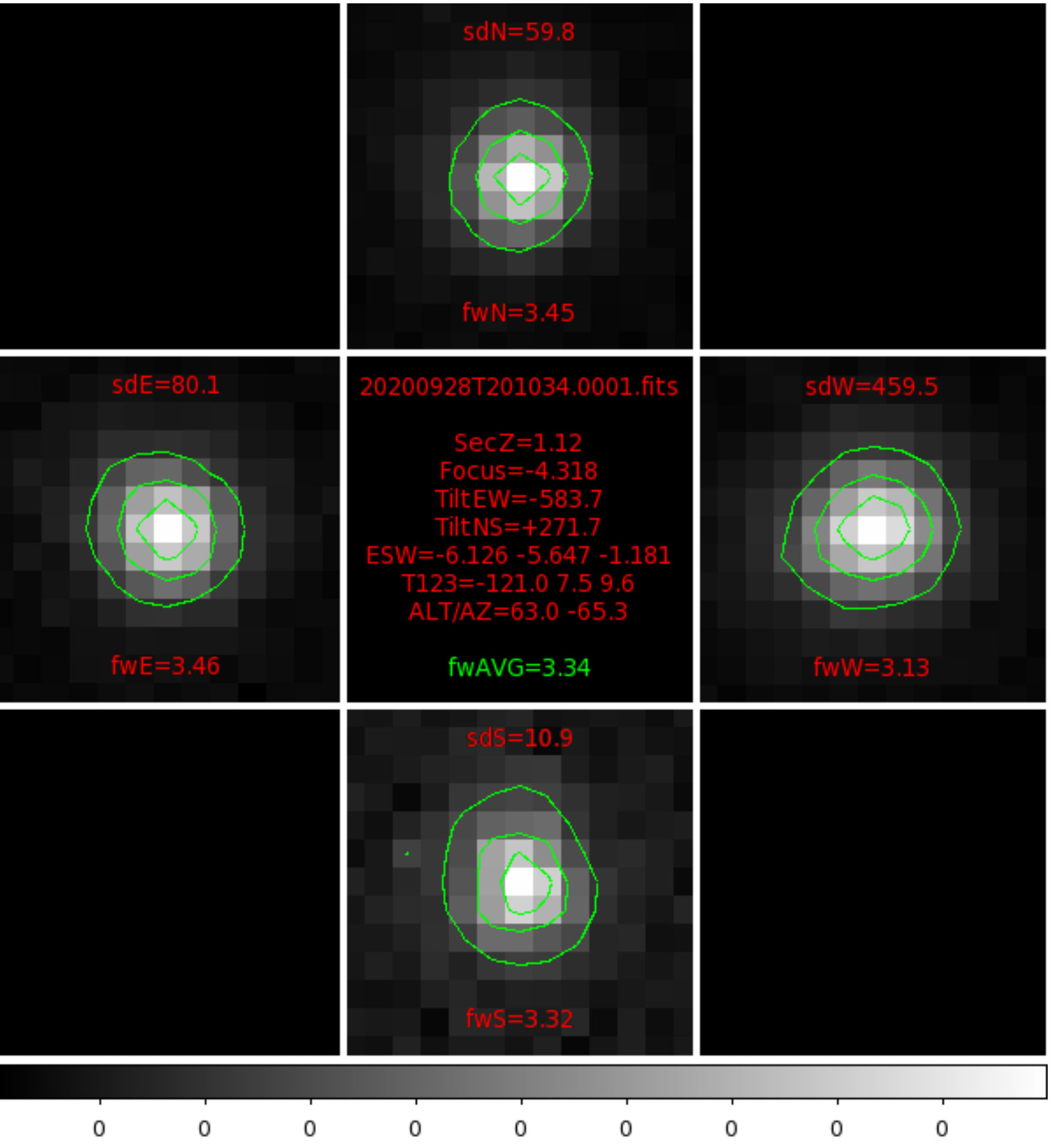

sdN=394.9
fwN=2.81
sdE=145.0
fwE=2.51
20200928T201007.0001.fits
SecZ=1.12
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.9 7.6 9.6
ALT/AZ=63.1 -65.3
fwAVG=2.60
sdW=283.8
fwW=2.66
sdS=99.2
fwS=2.40
0 0 0 0 0 0 0 0 0


sdN=59.8
fwN=3.45
sdE=80.1
fwE=3.46
20200928T201034.0001.fits
SecZ=1.12
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-121.0 7.5 9.6
ALT/AZ=63.0 -65.3
fwAVG=3.34
sdW=459.5
fwW=3.13
sdS=10.9
fwS=3.32
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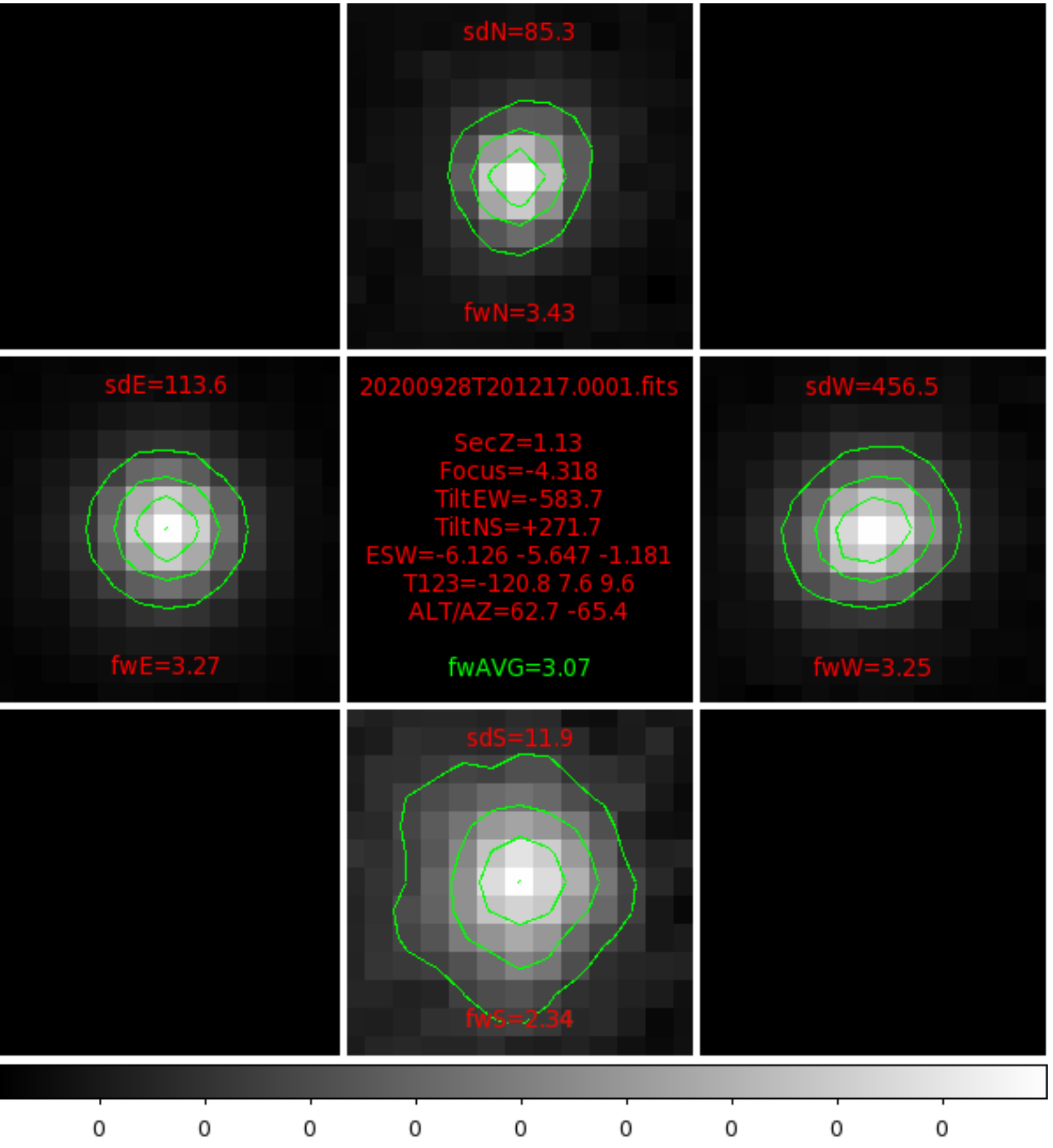
sdN=85.3
fwN=3.43
sdE=113.6
fwE=3.27
20200928T201217.0001.fits
SecZ=1.13
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 7.6 9.6
ALT/AZ=62.7 -65.4
fwAVG=3.07
sdW=456.5
fwW=3.25
sdS=11.9
fwS=2.34
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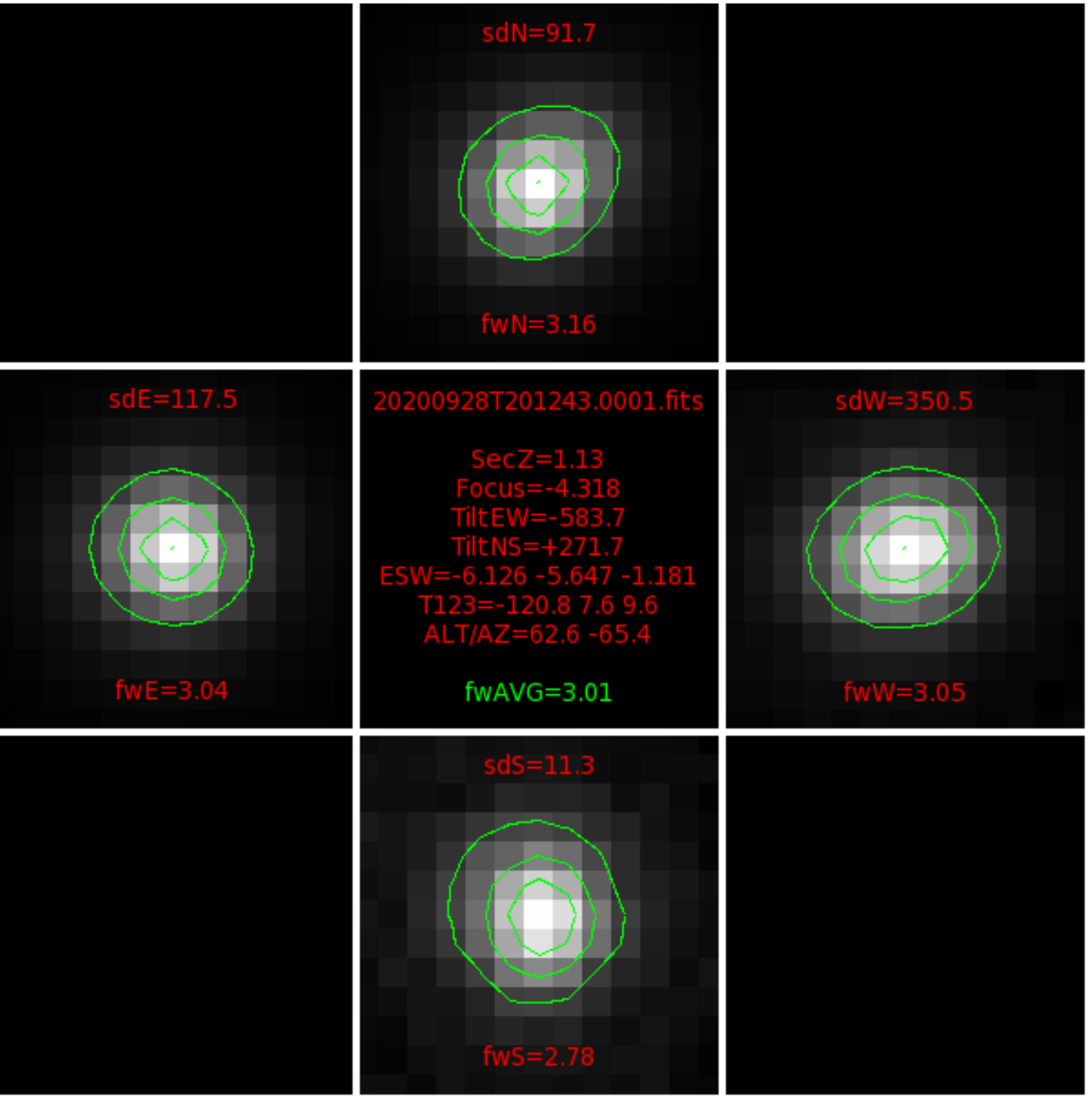
sdN=91.7
fwN=3.16
sdE=117.5
fwE=3.04
20200928T201243.0001.fits
SecZ=1.13
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 7.6 9.6
ALT/AZ=62.6 -65.4
fwAVG=3.01
sdW=350.5
fwW=3.05
sdS=11.3
fwS=2.78
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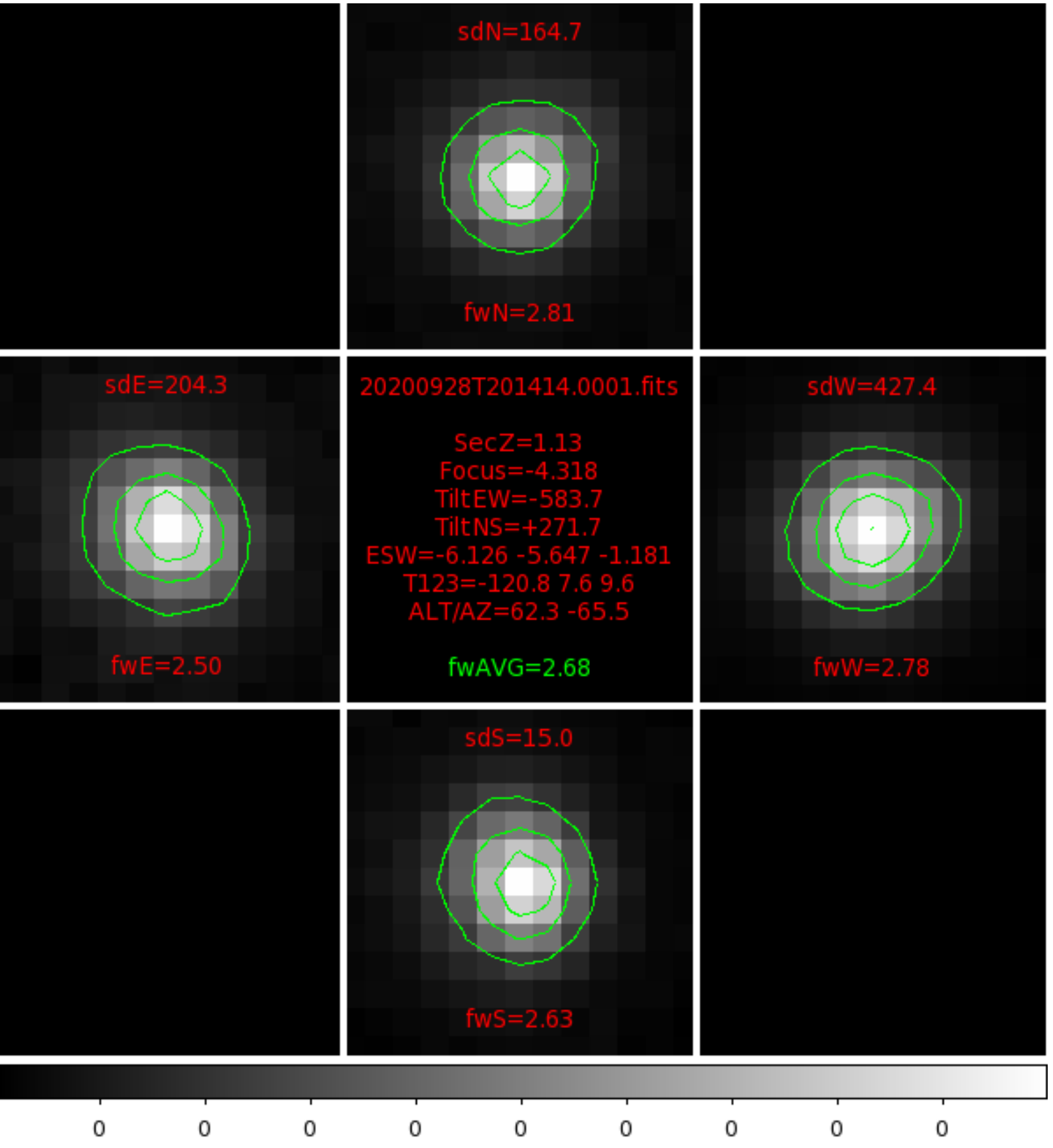
sdN=164.7
fwN=2.81
sdE=204.3
fwE=2.50
20200928T201414.0001.fits
SecZ=1.13
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 7.6 9.6
ALT/AZ=62.3 -65.5
fwAVG=2.68
sdW=427.4
fwW=2.78
sdS=15.0
fwS=2.63
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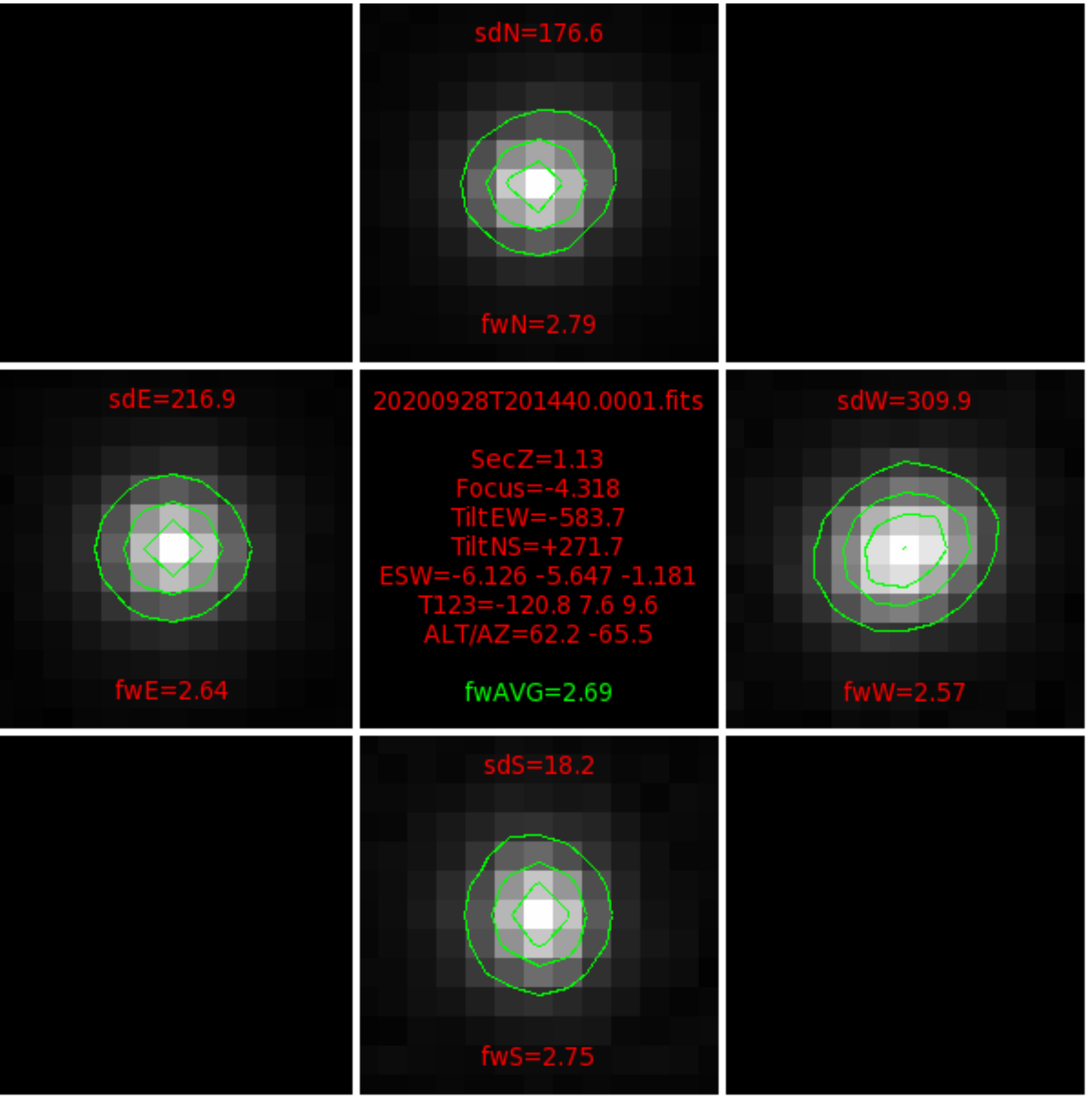
sdN=176.6
fwN=2.79
sdE=216.9
fwE=2.64
20200928T201440.0001.fits
SecZ=1.13
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 7.6 9.6
ALT/AZ=62.2 -65.5
fwAVG=2.69
sdW=309.9
fwW=2.57
sdS=18.2
fwS=2.75
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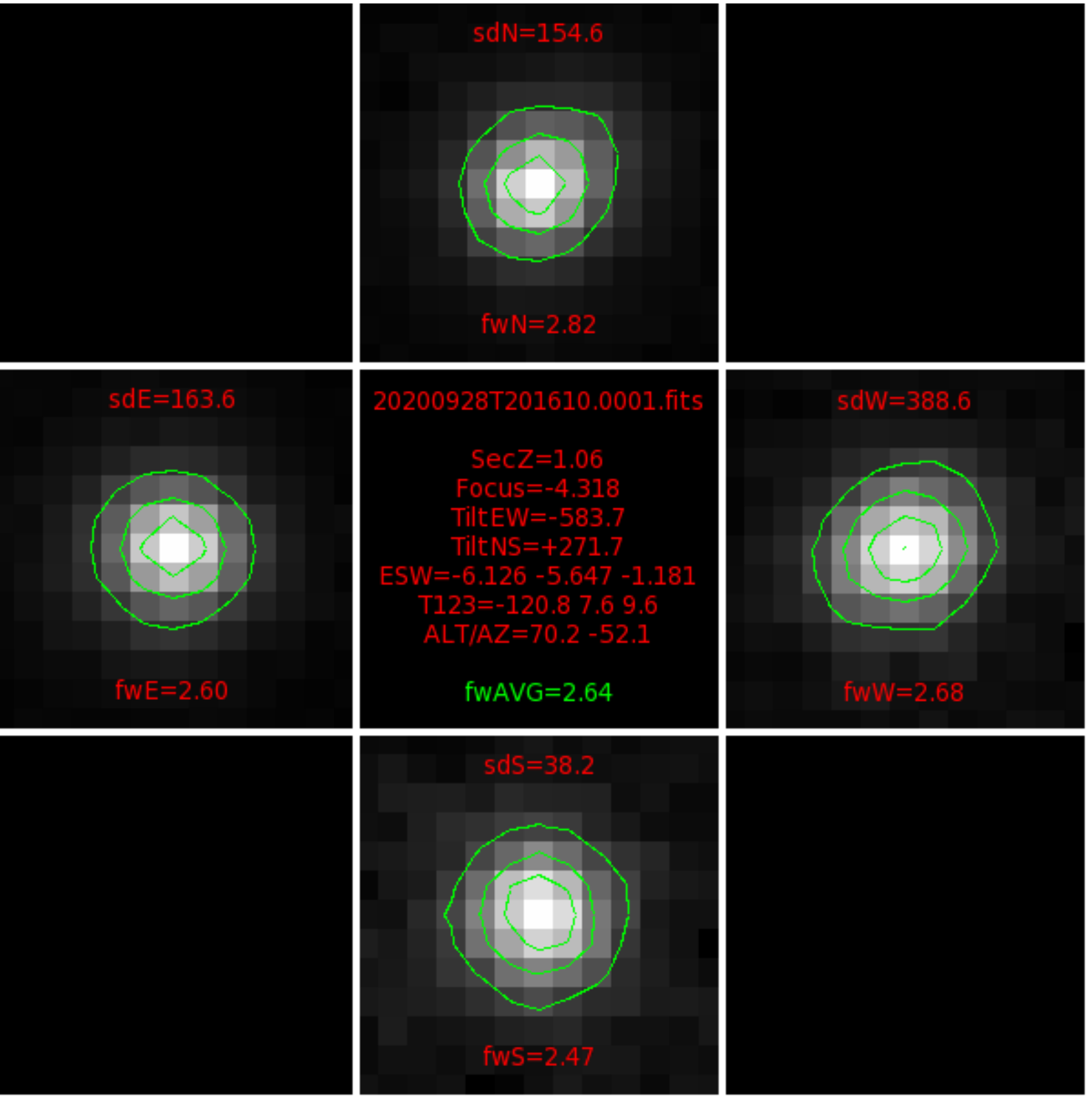
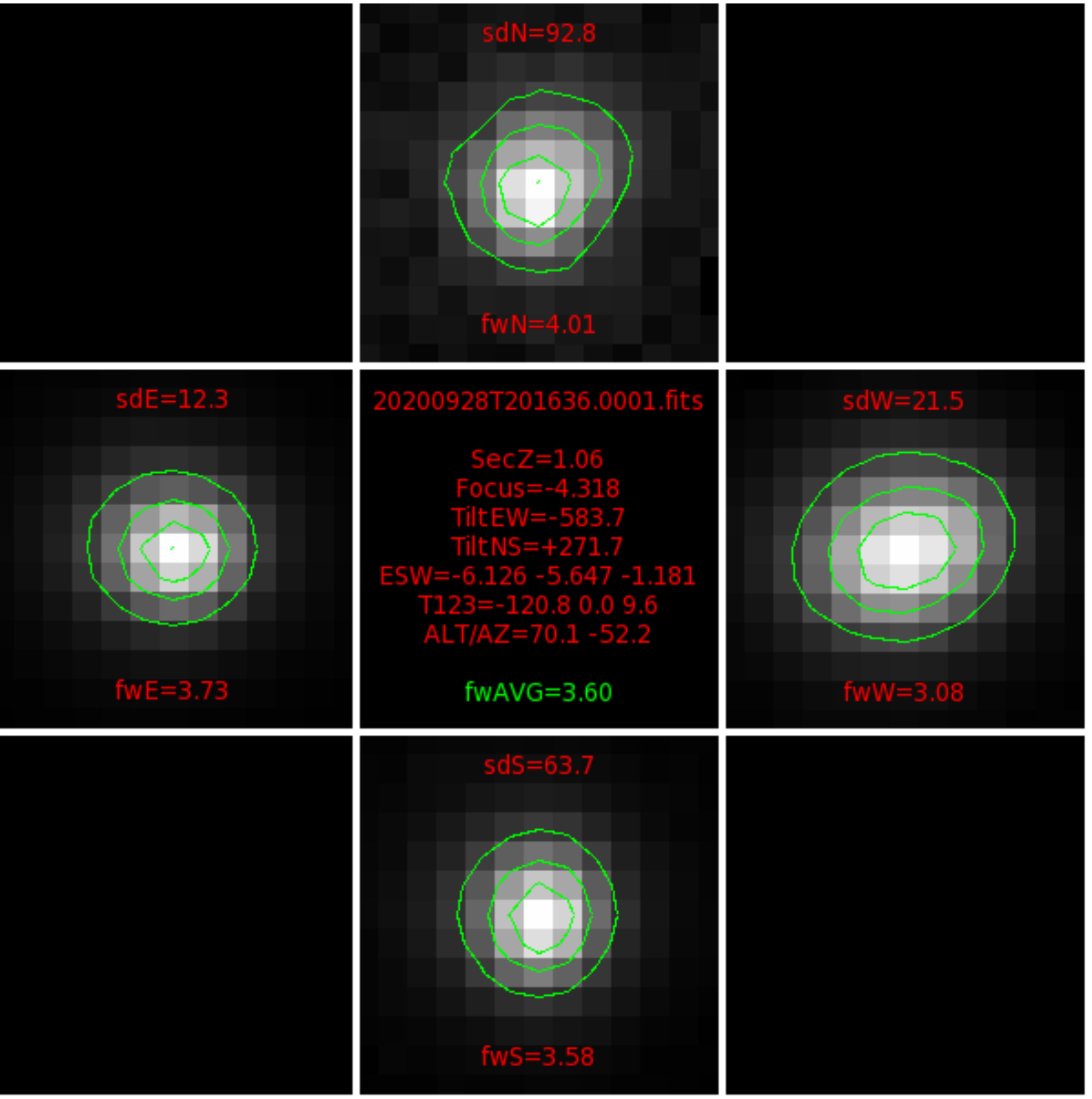

sdN=154.6
fwN=2.82
sdE=163.6
fwE=2.60
20200928T201610.0001.fits
SecZ=1.06
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 7.6 9.6
ALT/AZ=70.2 -52.1
fwAVG=2.64
sdW=388.6
fwW=2.68
sdS=38.2
fwS=2.47
0 0 0 0 0 0 0 0 0


sdN=92.8
fwN=4.01
sdE=12.3
fwE=3.73
20200928T201636.0001.fits
SecZ=1.06
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 0.0 9.6
ALT/AZ=70.1 -52.2
fwAVG=3.60
sdW=21.5
fwW=3.08
sdS=63.7
fwS=3.58
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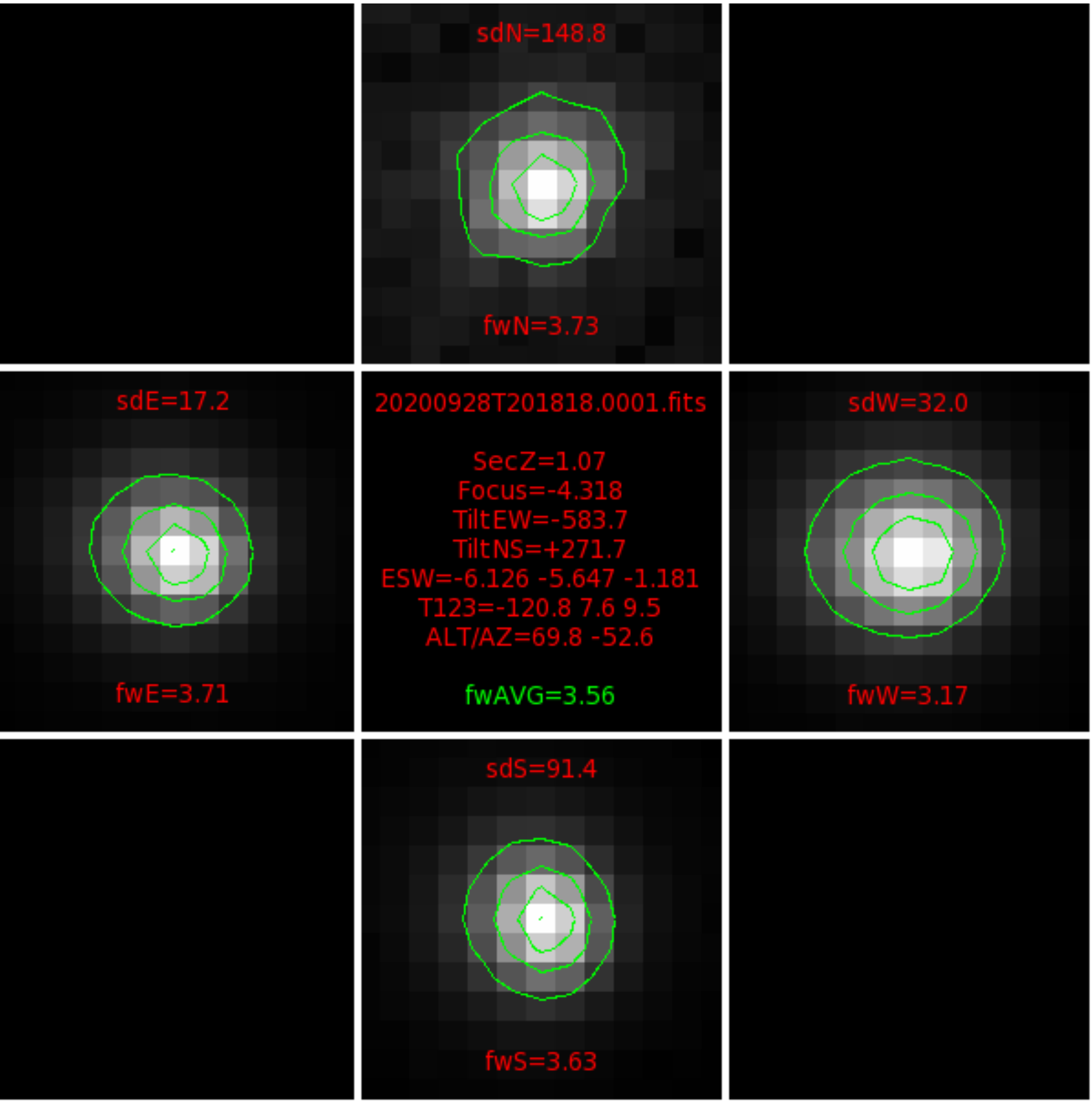
sdN=148.8
fwN=3.73
sdE=17.2
fwE=3.71
20200928T201818.0001.fits
SecZ=1.07
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 7.6 9.5
ALT/AZ=69.8 -52.6
fwAVG=3.56
sdW=32.0
fwW=3.17
sdS=91.4
fwS=3.63
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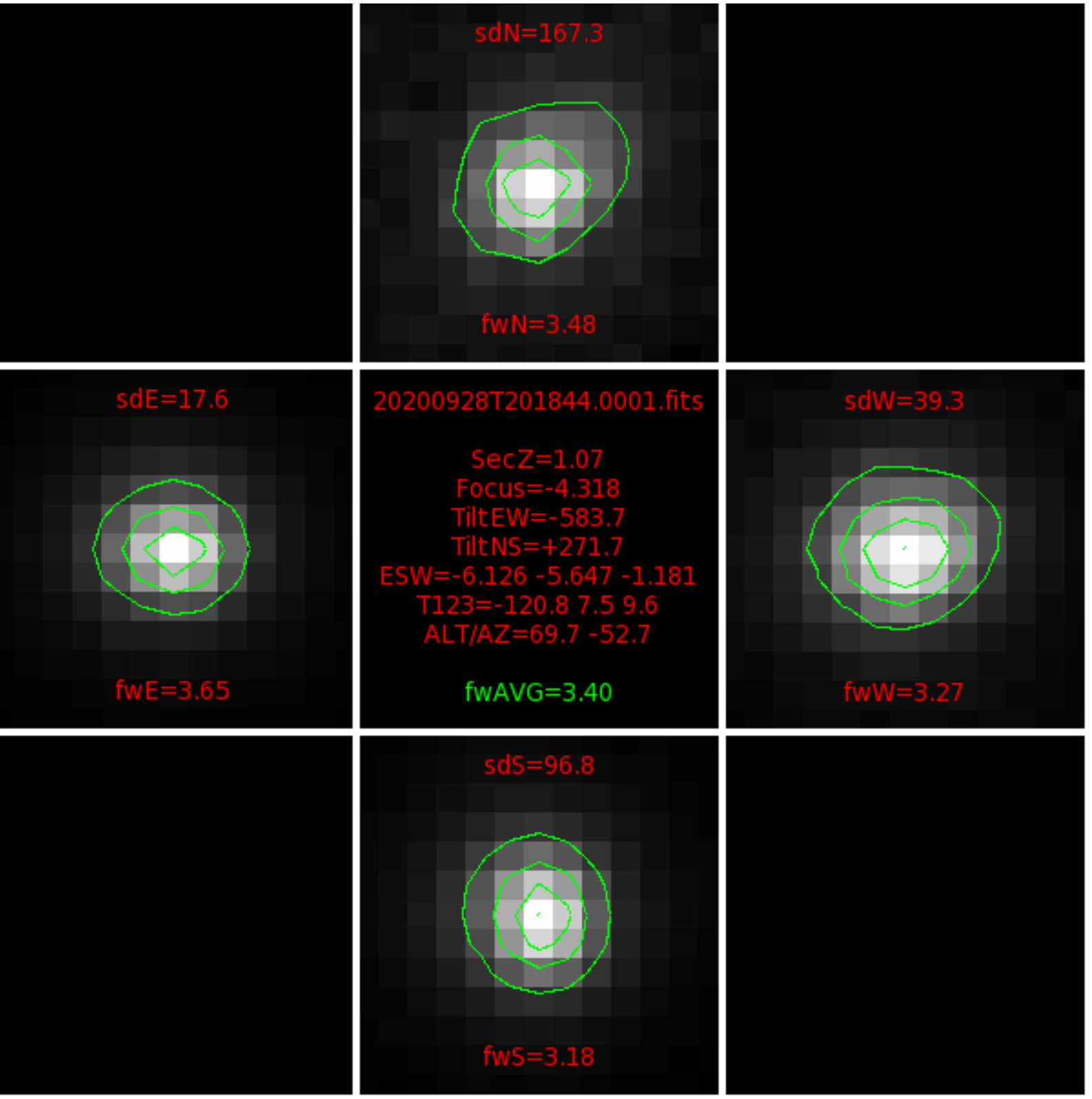
sdN=167.3
fwN=3.48
sdE=17.6
fwE=3.65
20200928T201844.0001.fits
SecZ=1.07
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 7.5 9.6
ALT/AZ=69.7 -52.7
fwAVG=3.40
sdW=39.3
fwW=3.27
sdS=96.8
fwS=3.18
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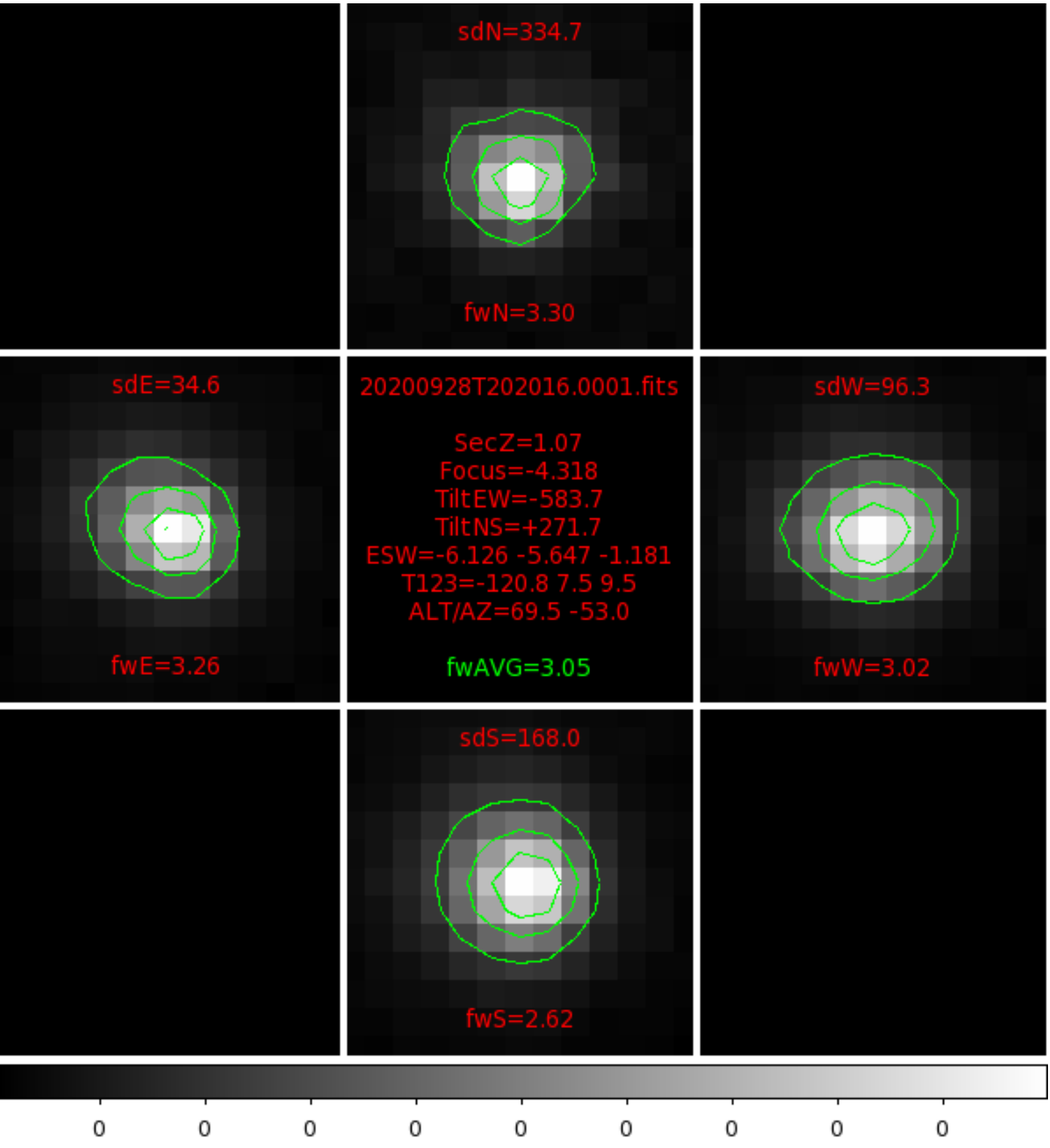
sdN=334.7
fwN=3.30
sdE=34.6
fwE=3.26
20200928T202016.0001.fits
SecZ=1.07
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 7.5 9.5
ALT/AZ=69.5 -53.0
fwAVG=3.05
sdW=96.3
fwW=3.02
sdS=168.0
fwS=2.62
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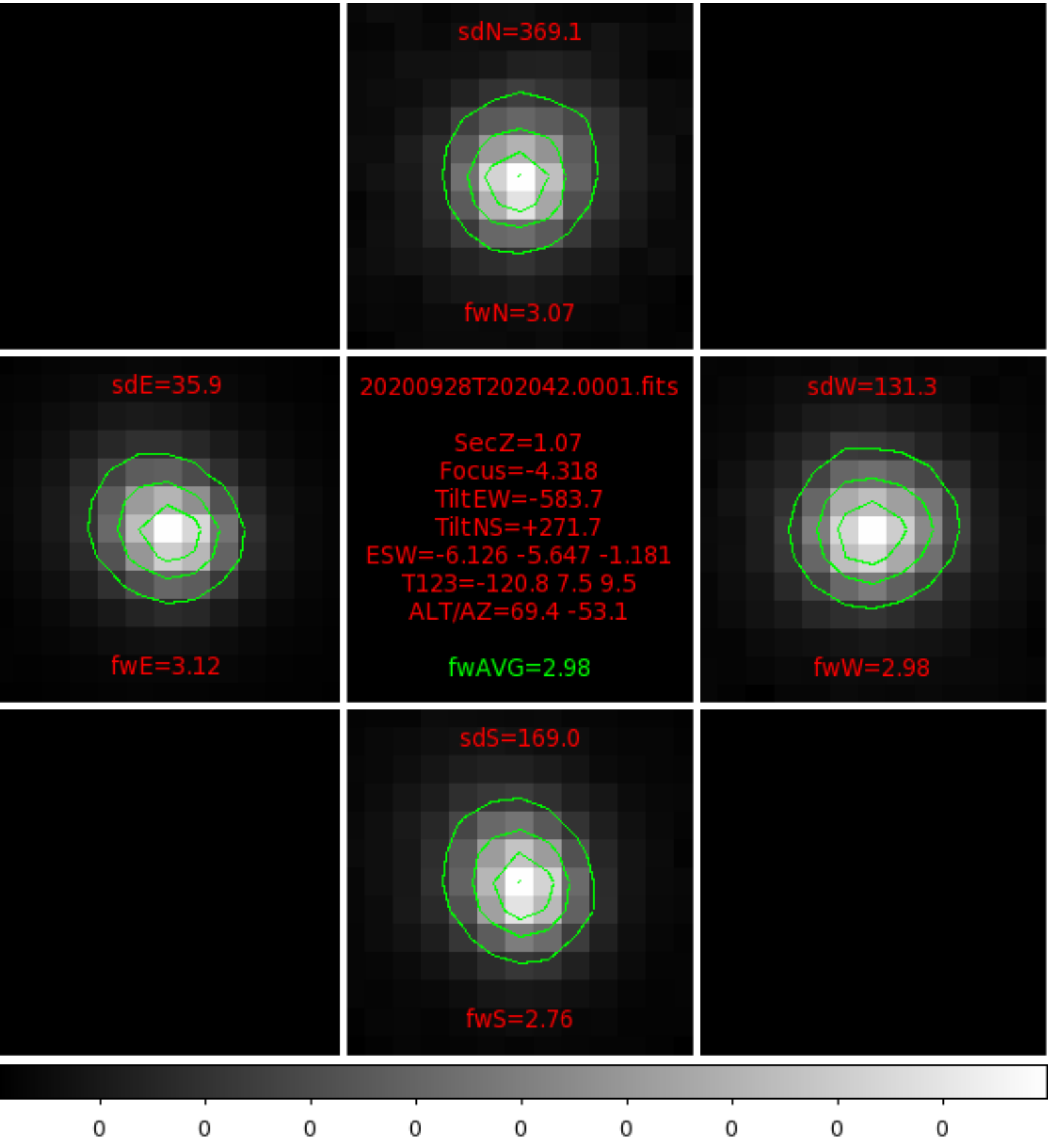
sdN=369.1
fwN=3.07
sdE=35.9
fwE=3.12
20200928T202042.0001.fits
SecZ=1.07
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.8 7.5 9.5
ALT/AZ=69.4 -53.1
fwAVG=2.98
sdW=131.3
fwW=2.98
sdS=169.0
fwS=2.76
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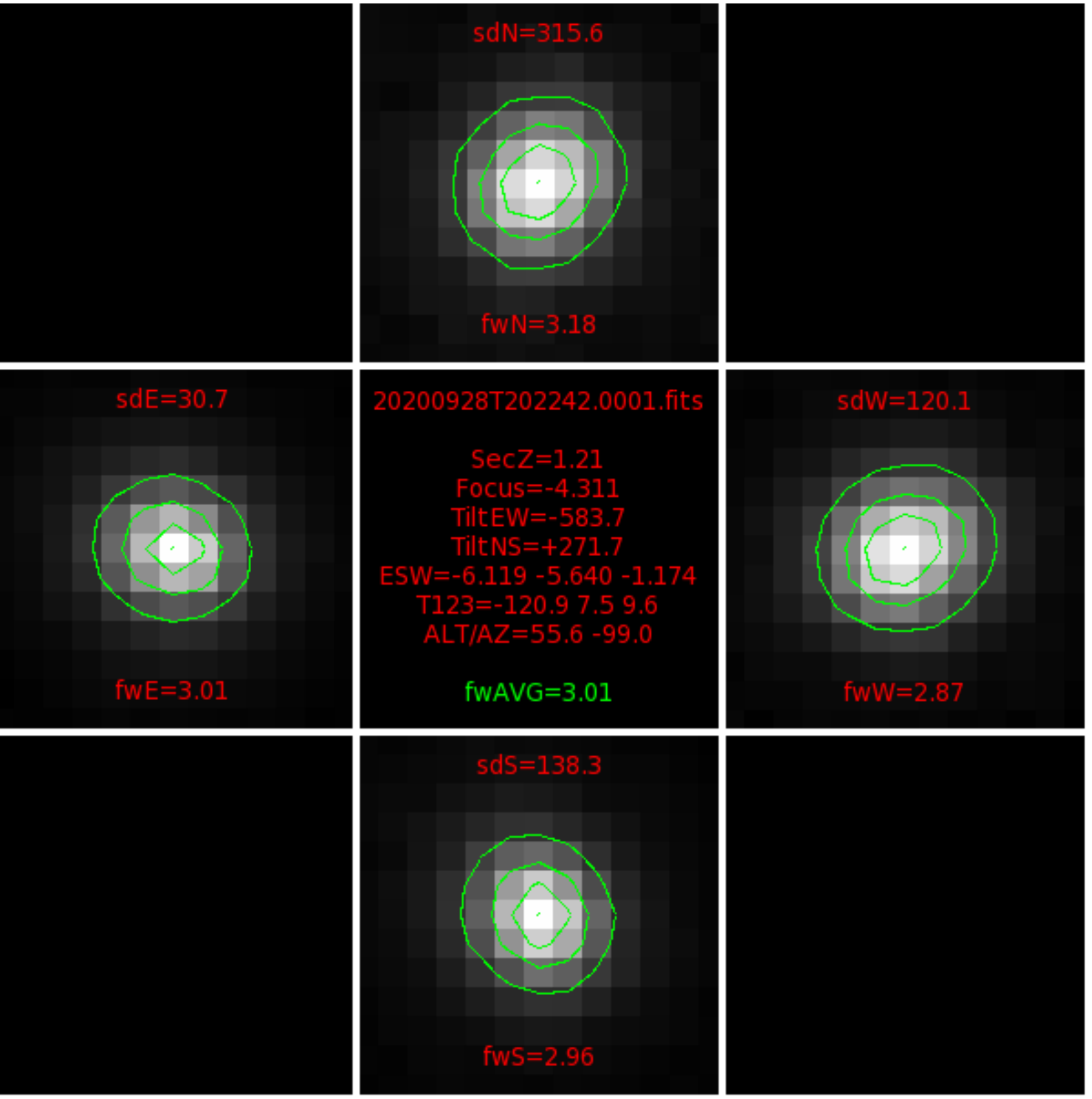
sdN=315.6
fwN=3.18
sdE=30.7
fwE=3.01
20200928T202242.0001.fits
SecZ=1.21
Focus=-4.311
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.119 -5.640 -1.174
T123=-120.9 7.5 9.6
ALT/AZ=55.6 -99.0
fwAVG=3.01
sdW=120.1
fwW=2.87
sdS=138.3
fwS=2.96
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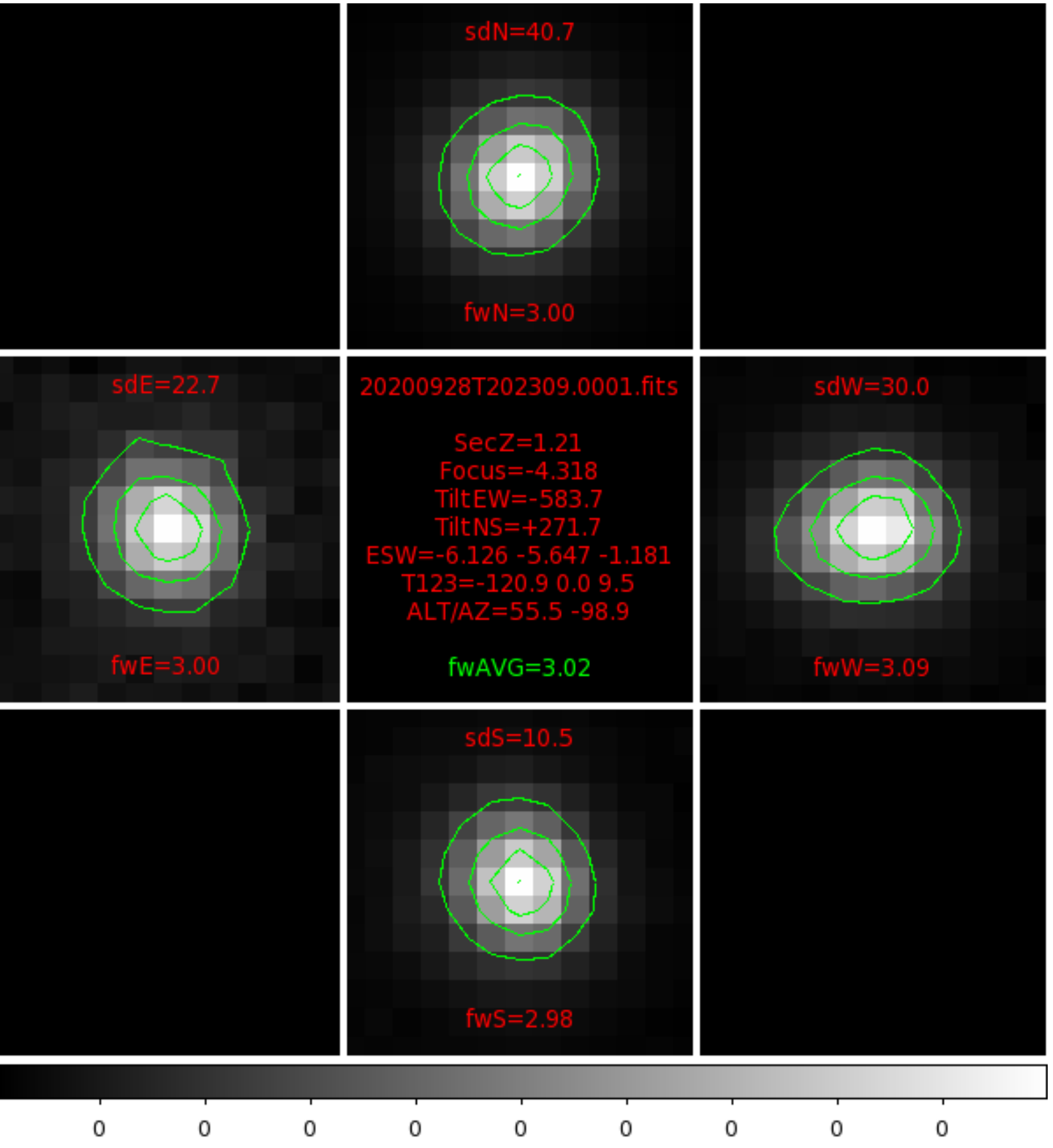
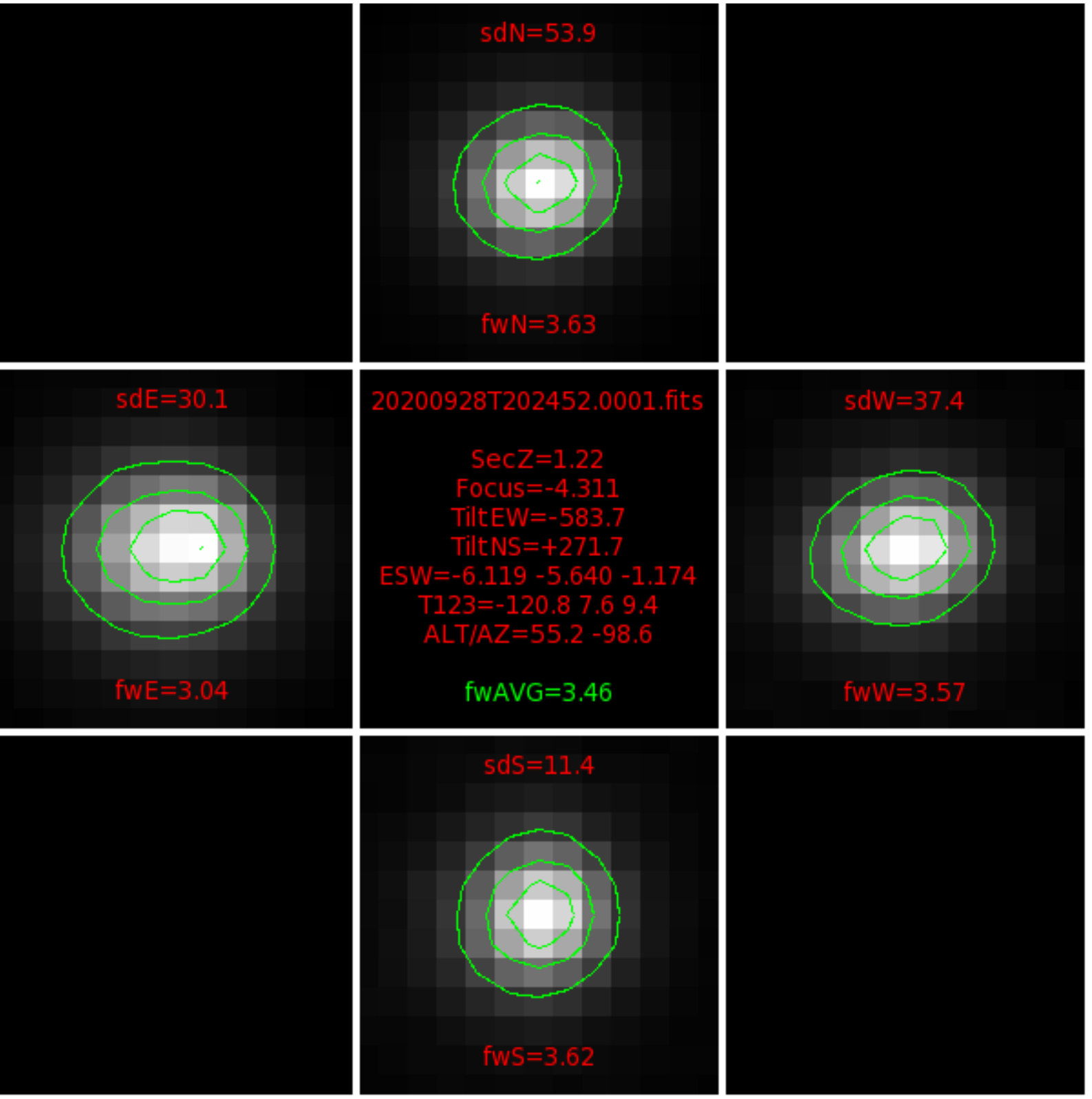
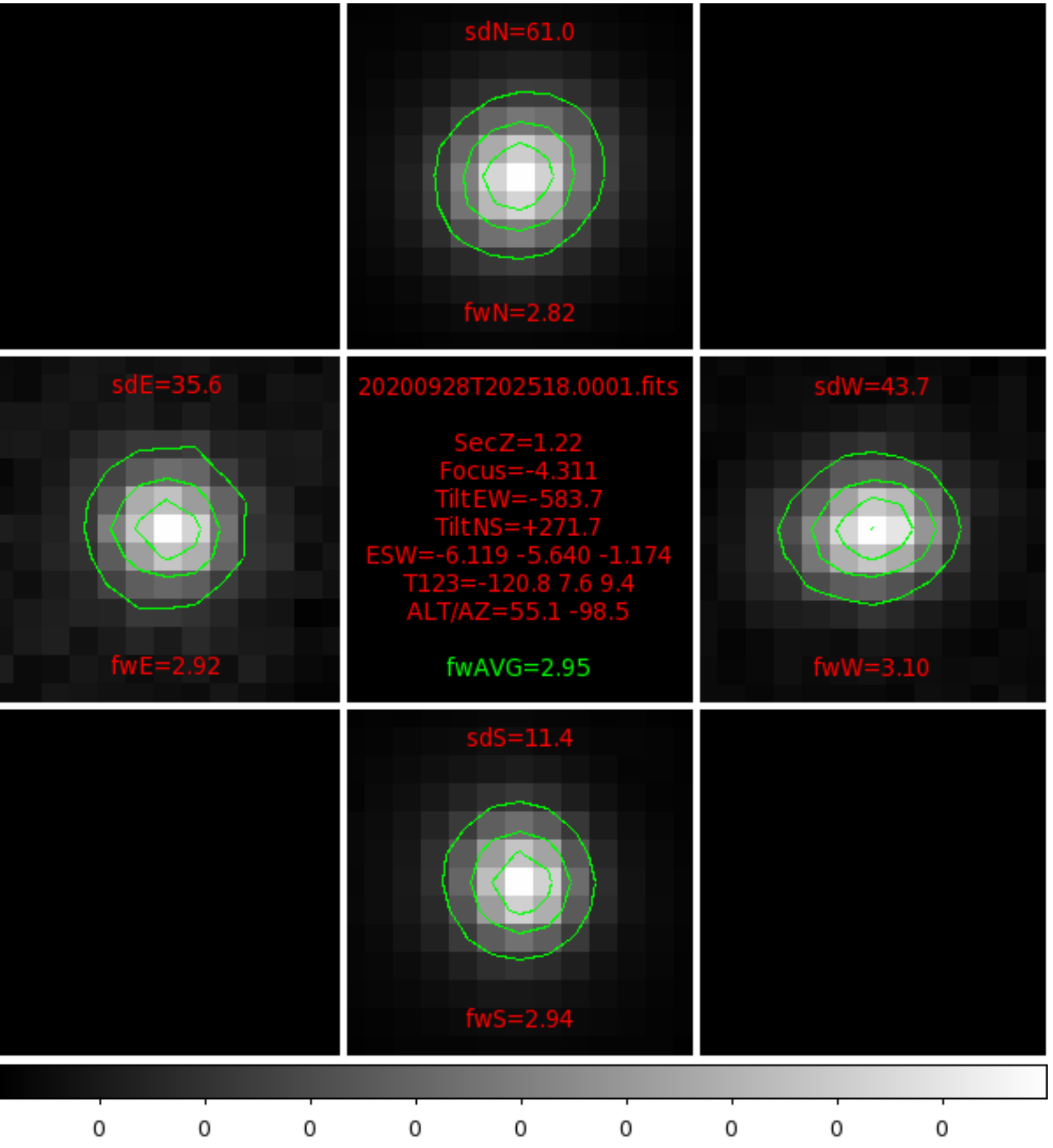

sdN=40.7
fwN=3.00
sdE=22.7
fwE=3.00
20200928T202309.0001.fits
SecZ=1.21
Focus=-4.318
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.126 -5.647 -1.181
T123=-120.9 0.0 9.5
ALT/AZ=55.5 -98.9
fwAVG=3.02
sdW=30.0
fwW=3.09
sdS=10.5
fwS=2.98
0 0 0 0 0 0 0 0 0


sdN=53.9
fwN=3.63
sdE=30.1
fwE=3.04
20200928T202452.0001.fits
SecZ=1.22
Focus=-4.311
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.119 -5.640 -1.174
T123=-120.8 7.6 9.4
ALT/AZ=55.2 -98.6
fwAVG=3.46
sdW=37.4
fwW=3.57
sdS=11.4
fwS=3.62
0 0 0 0 0 0 0 0 0


sdN=61.0
fwN=2.82
sdE=35.6
fwE=2.92
20200928T202518.0001.fits
SecZ=1.22
Focus=-4.311
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.119 -5.640 -1.174
T123=-120.8 7.6 9.4
ALT/AZ=55.1 -98.5
fwAVG=2.95
sdW=43.7
fwW=3.10
sdS=11.4
fwS=2.94
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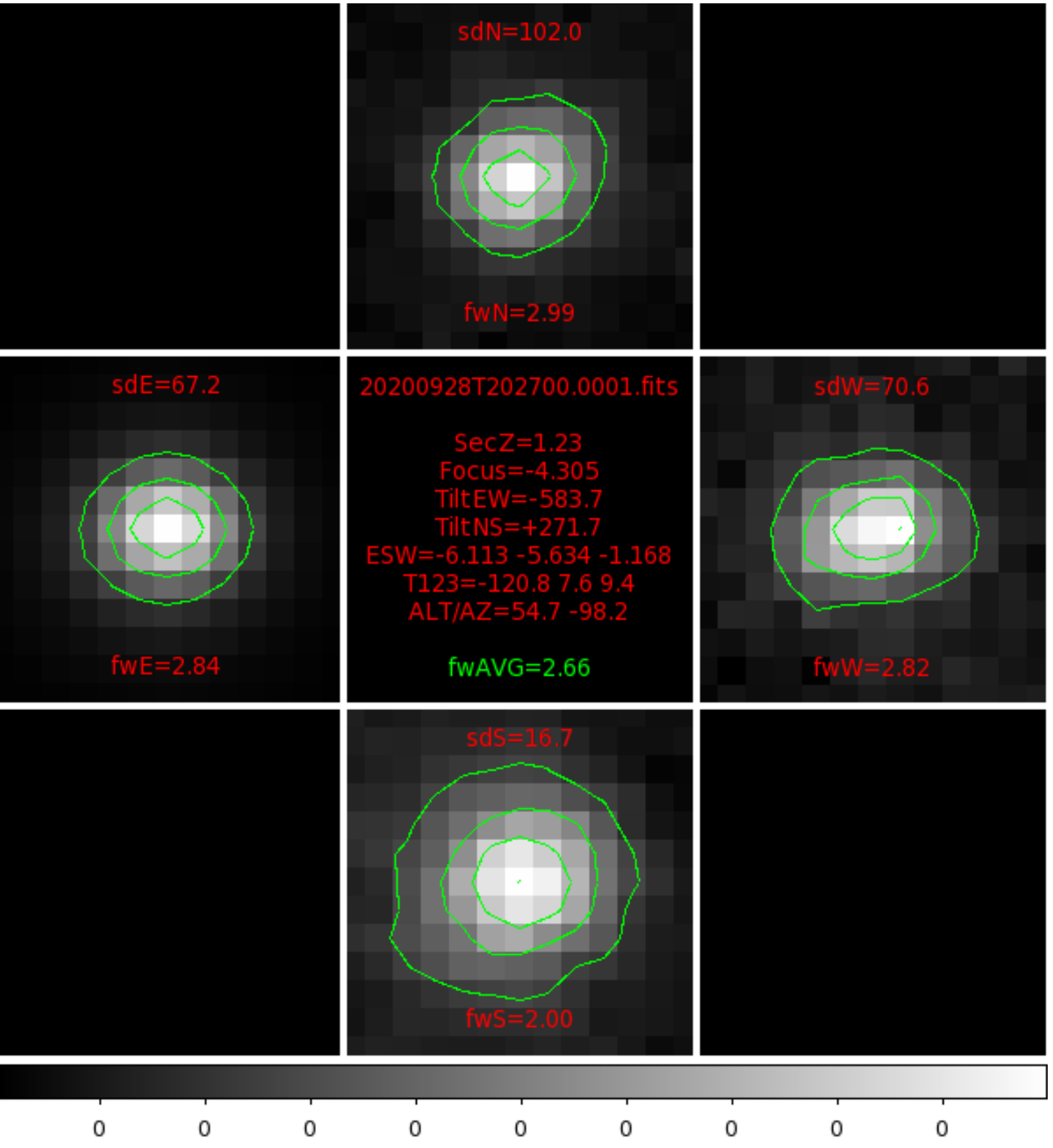
sdN=102.0
fwN=2.99
sdE=67.2
fwE=2.84
20200928T202700.0001.fits
SecZ=1.23
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.8 7.6 9.4
ALT/AZ=54.7 -98.2
fwAVG=2.66
sdW=70.6
fwW=2.82
sdS=16.7
fwS=2.00
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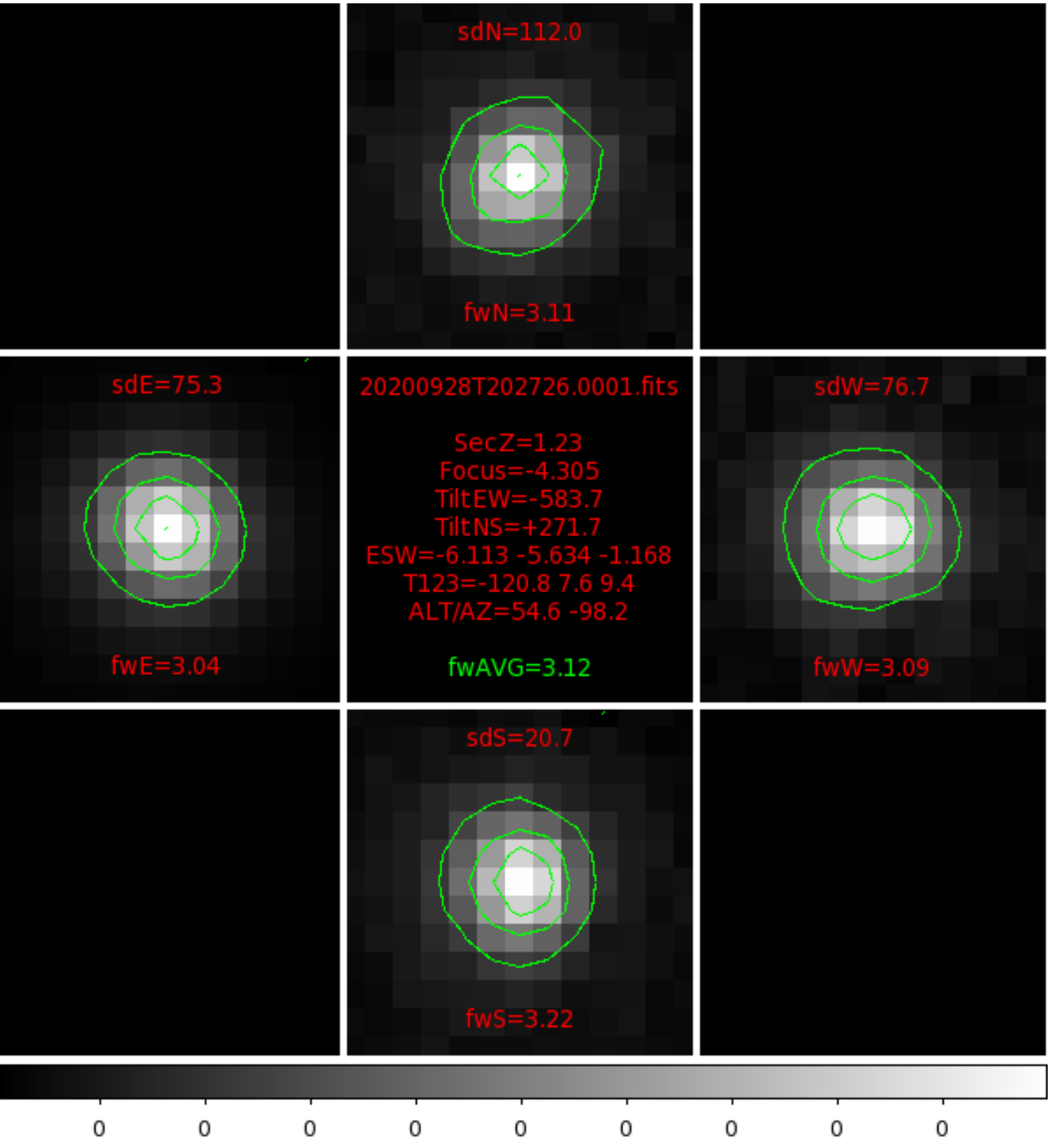
sdN=112.0
fwN=3.11
sdE=75.3
fwE=3.04
20200928T202726.0001.fits
SecZ=1.23
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.8 7.6 9.4
ALT/AZ=54.6 -98.2
fwAVG=3.12
sdW=76.7
fwW=3.09
sdS=20.7
fwS=3.22
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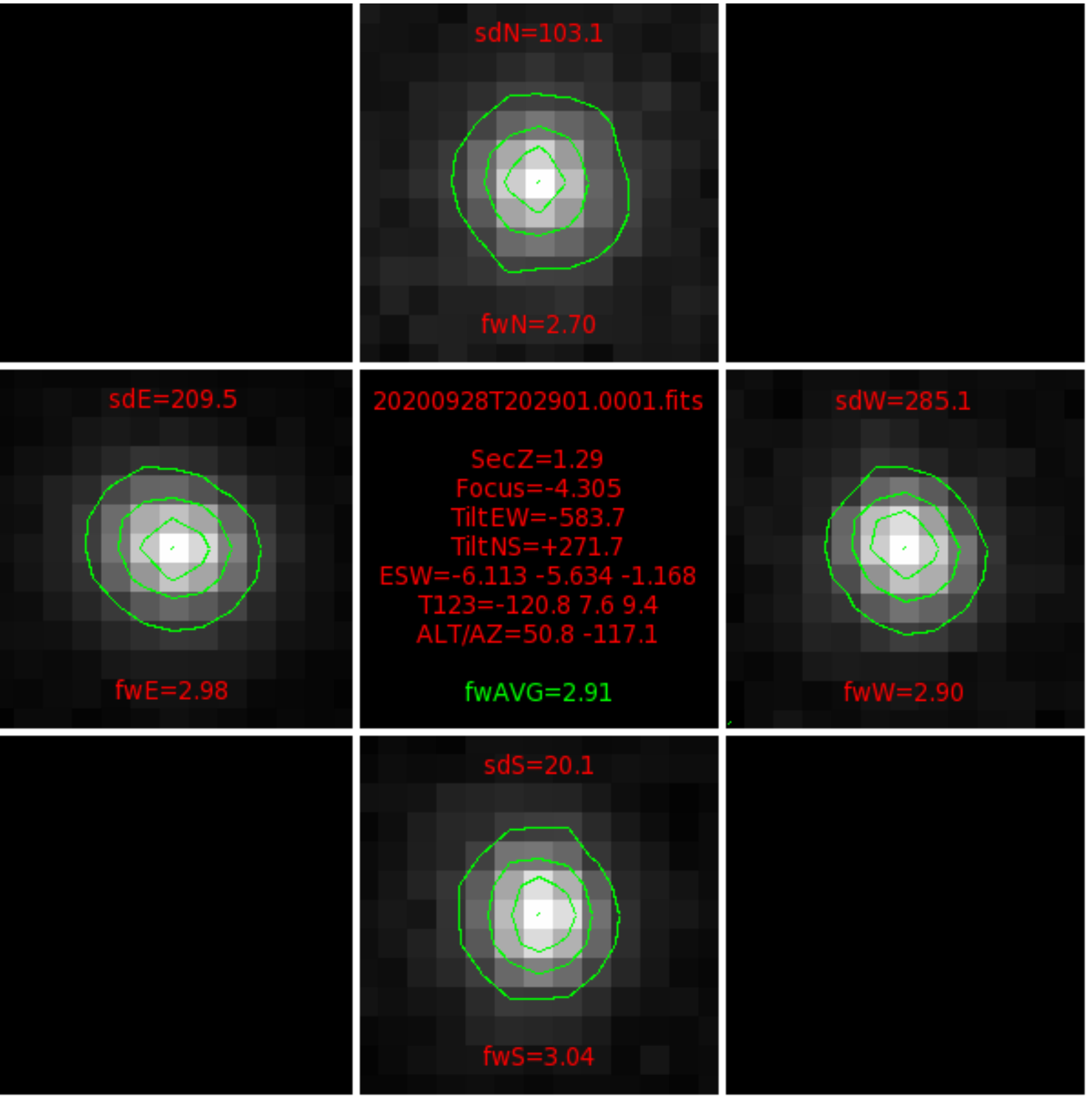
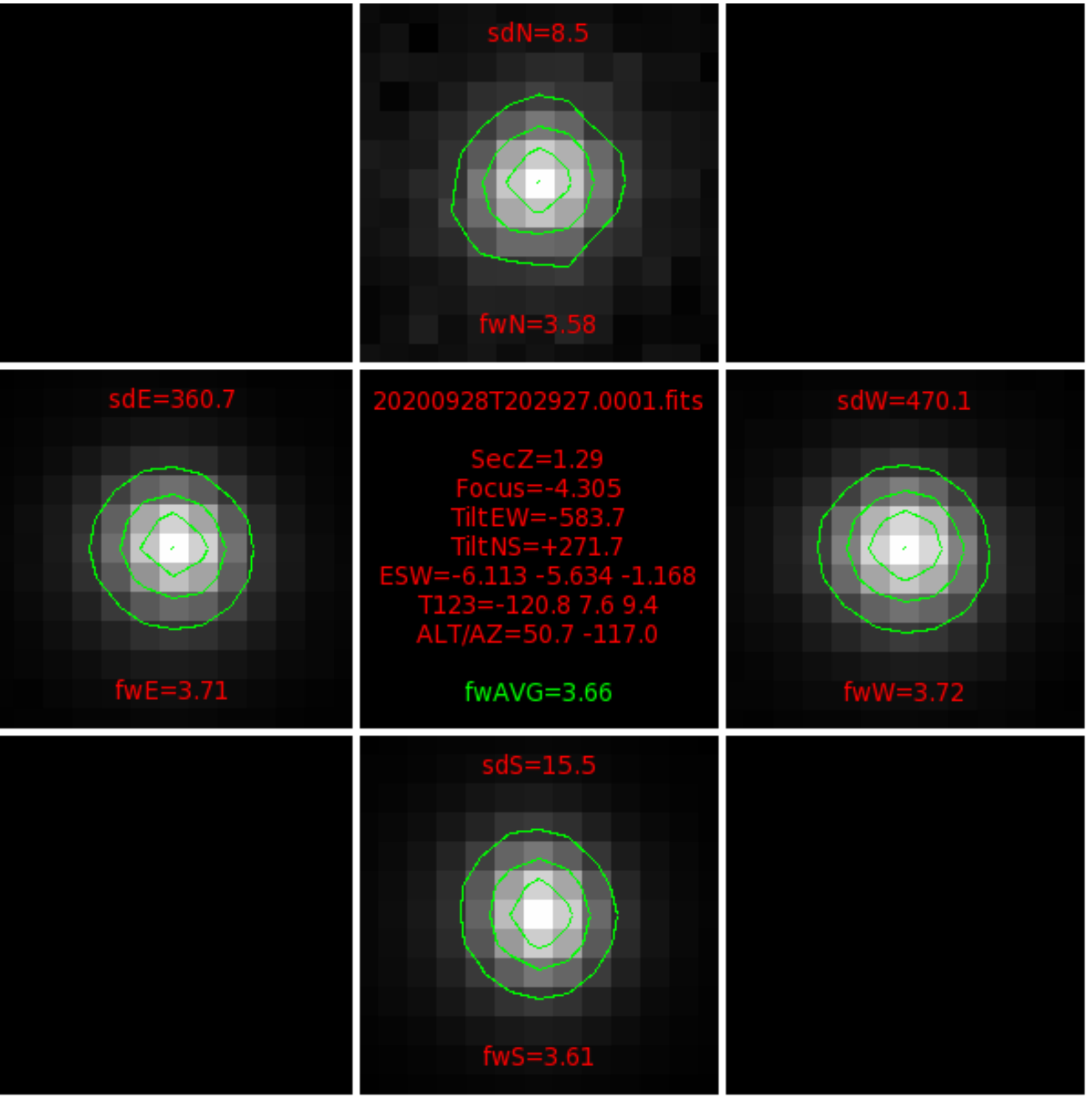

sdN=103.1
fwN=2.70
sdE=209.5
fwE=2.98
20200928T202901.0001.fits
SecZ=1.29
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.8 7.6 9.4
ALT/AZ=50.8 -117.1
fwAVG=2.91
sdW=285.1
fwW=2.90
sdS=20.1
fwS=3.04
0 0 0 0 0 0 0 0 0


sdN=8.5
fwN=3.58
sdE=360.7
fwE=3.71
20200928T202927.0001.fits
SecZ=1.29
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.8 7.6 9.4
ALT/AZ=50.7 -117.0
fwAVG=3.66
sdW=470.1
fwW=3.72
sdS=15.5
fwS=3.61
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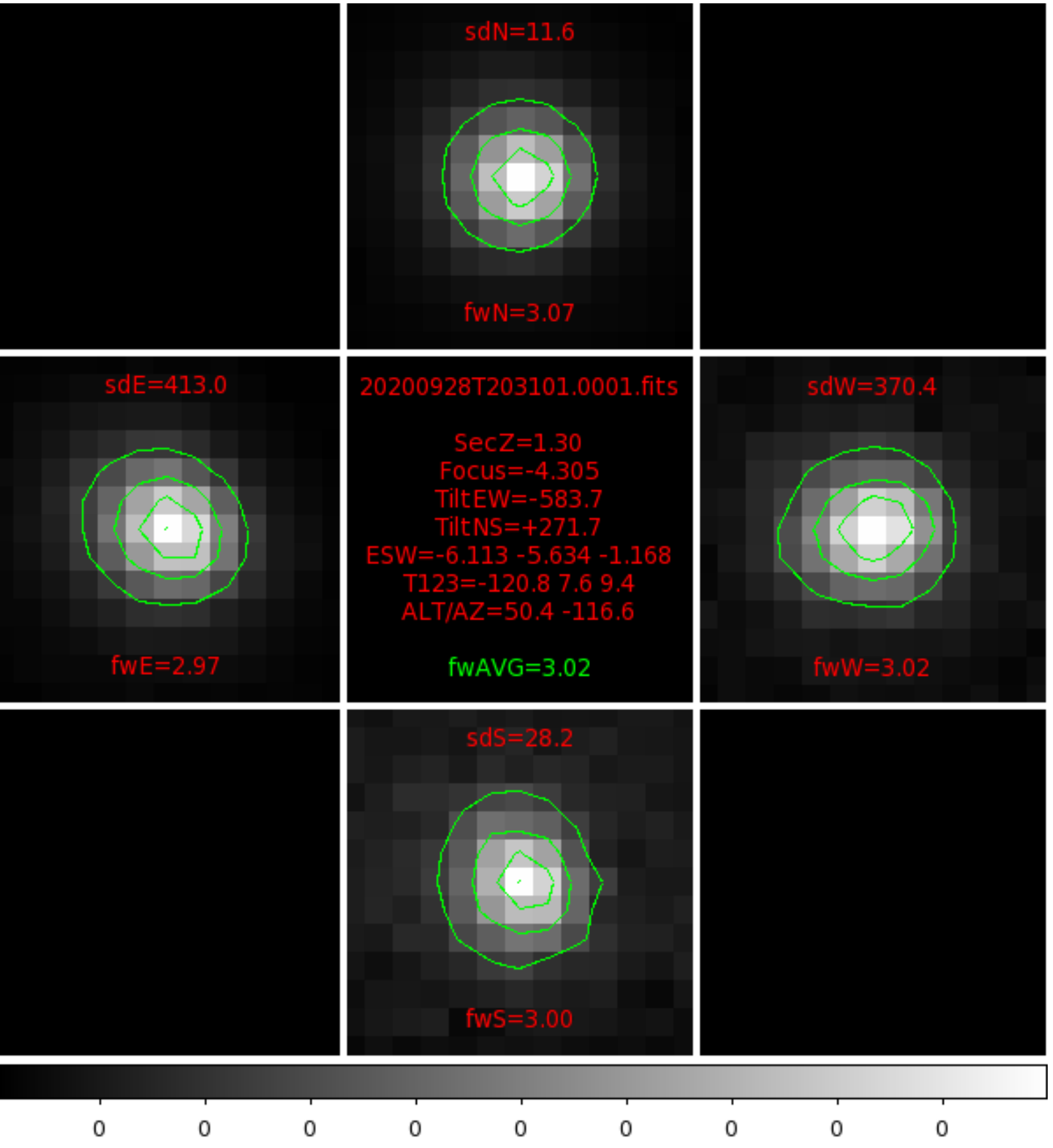
sdN=11.6
fwN=3.07
sdE=413.0
fwE=2.97
20200928T203101.0001.fits
SecZ=1.30
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.8 7.6 9.4
ALT/AZ=50.4 -116.6
fwAVG=3.02
sdW=370.4
fwW=3.02
sdS=28.2
fwS=3.00
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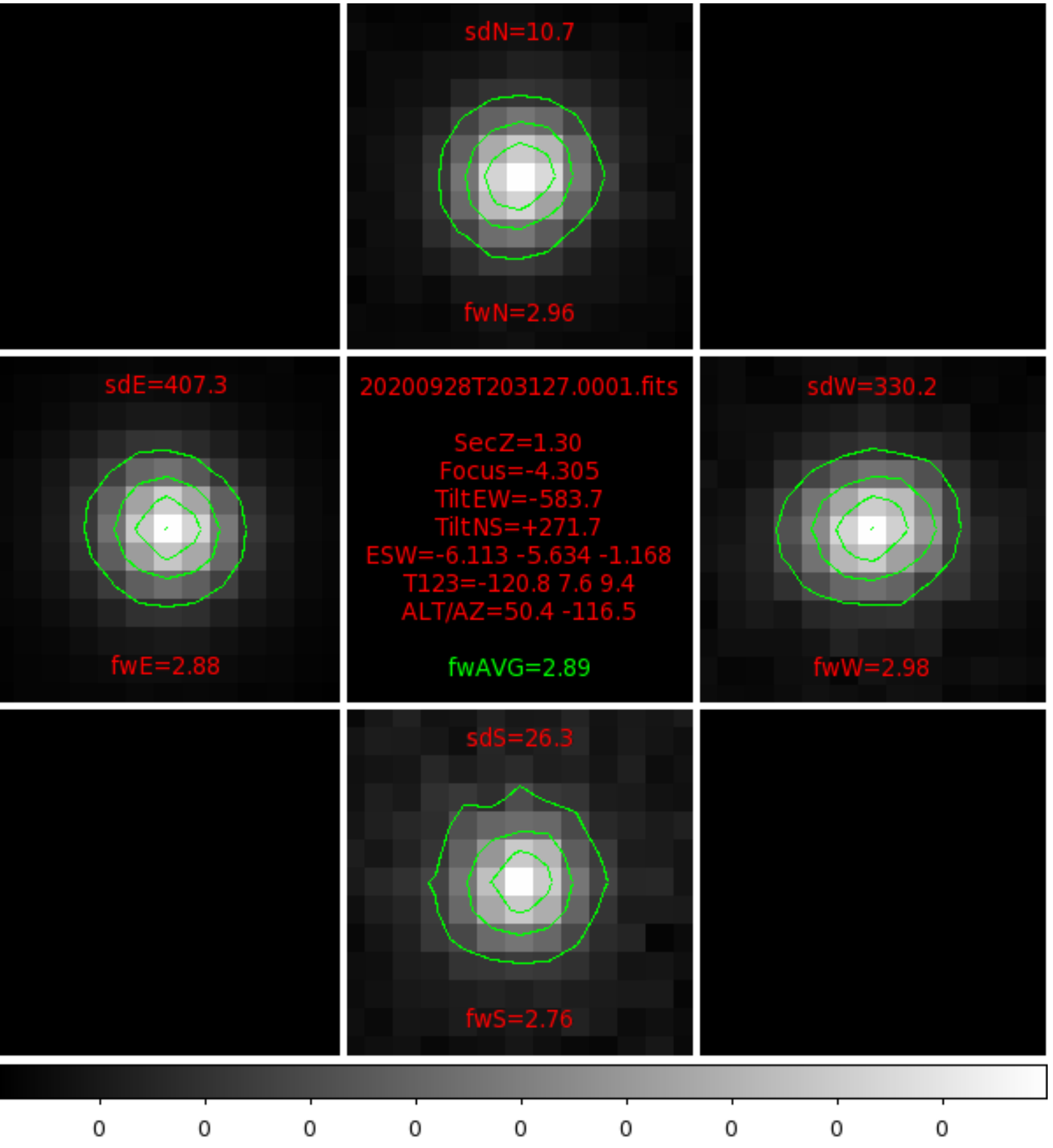
sdN=10.7
fwN=2.96
sdE=407.3
fwE=2.88
20200928T203127.0001.fits
SecZ=1.30
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.8 7.6 9.4
ALT/AZ=50.4 -116.5
fwAVG=2.89
sdW=330.2
fwW=2.98
sdS=26.3
fwS=2.76
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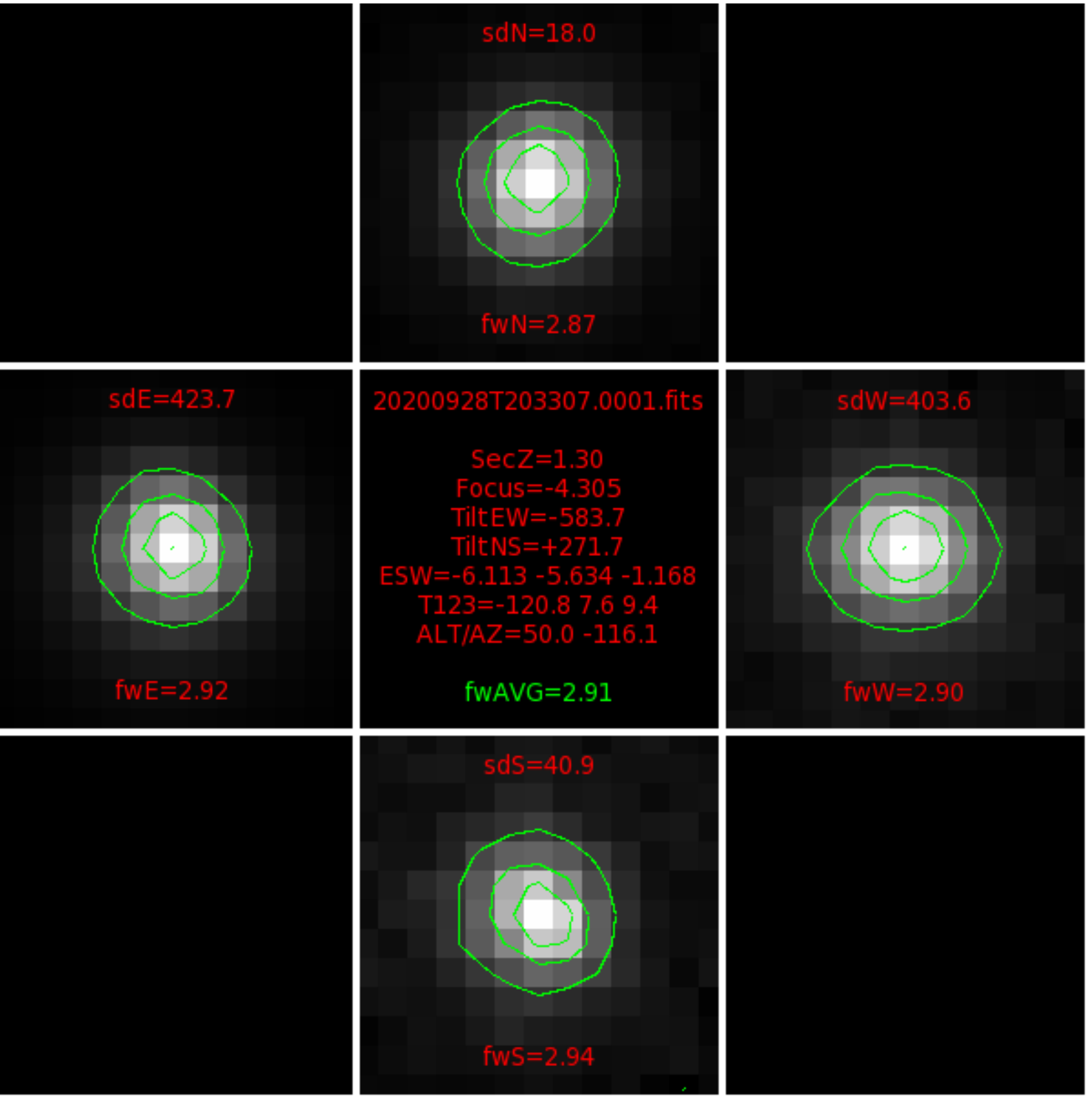
sdN=18.0
fwN=2.87
sdE=423.7
fwE=2.92
20200928T203307.0001.fits
SecZ=1.30
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.8 7.6 9.4
ALT/AZ=50.0 -116.1
fwAVG=2.91
sdW=403.6
fwW=2.90
sdS=40.9
fwS=2.94
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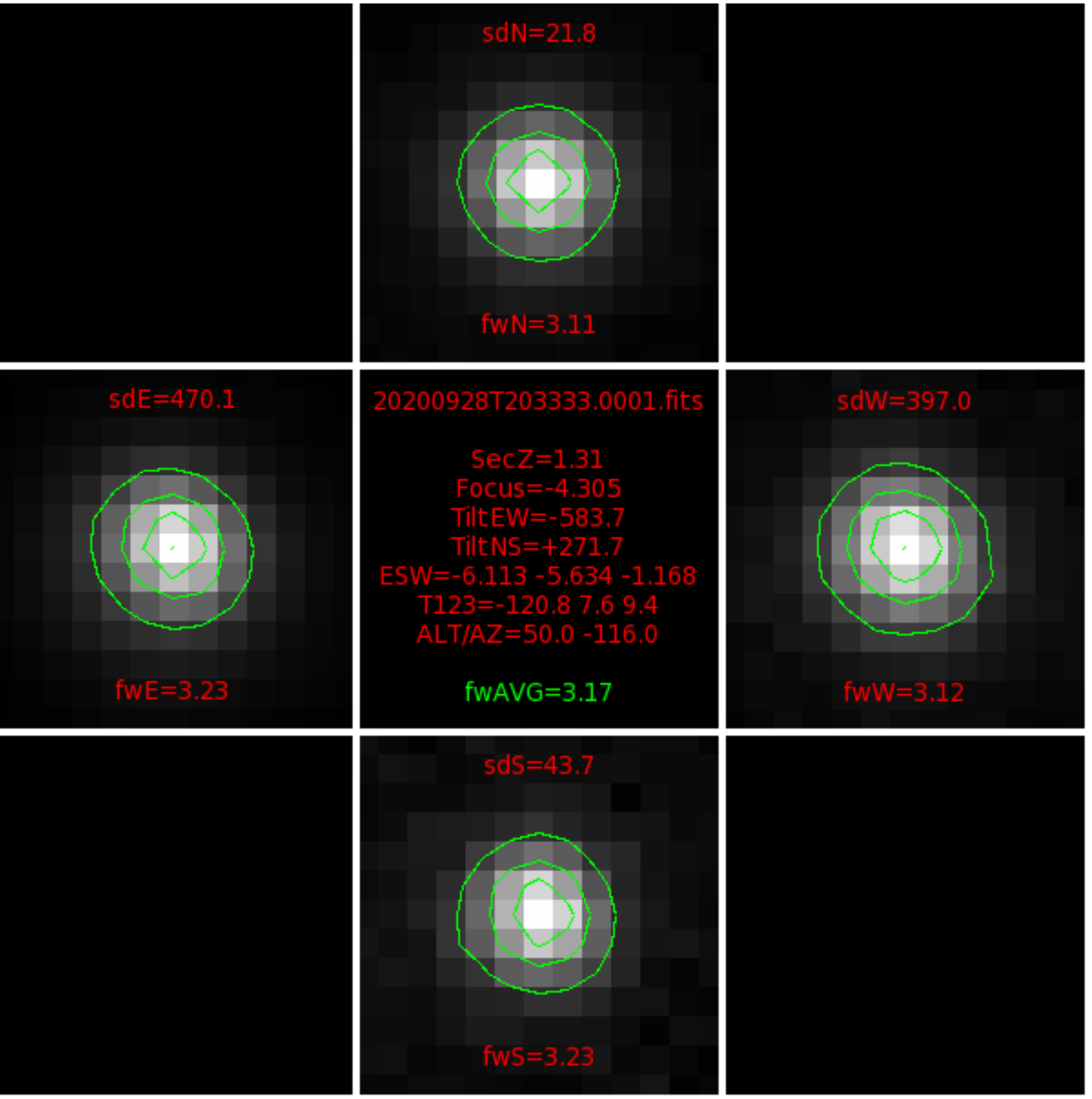
sdN=21.8
fwN=3.11
sdE=470.1
fwE=3.23
20200928T203333.0001.fits
SecZ=1.31
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.8 7.6 9.4
ALT/AZ=50.0 -116.0
fwAVG=3.17
sdW=397.0
fwW=3.12
sdS=43.7
fwS=3.23
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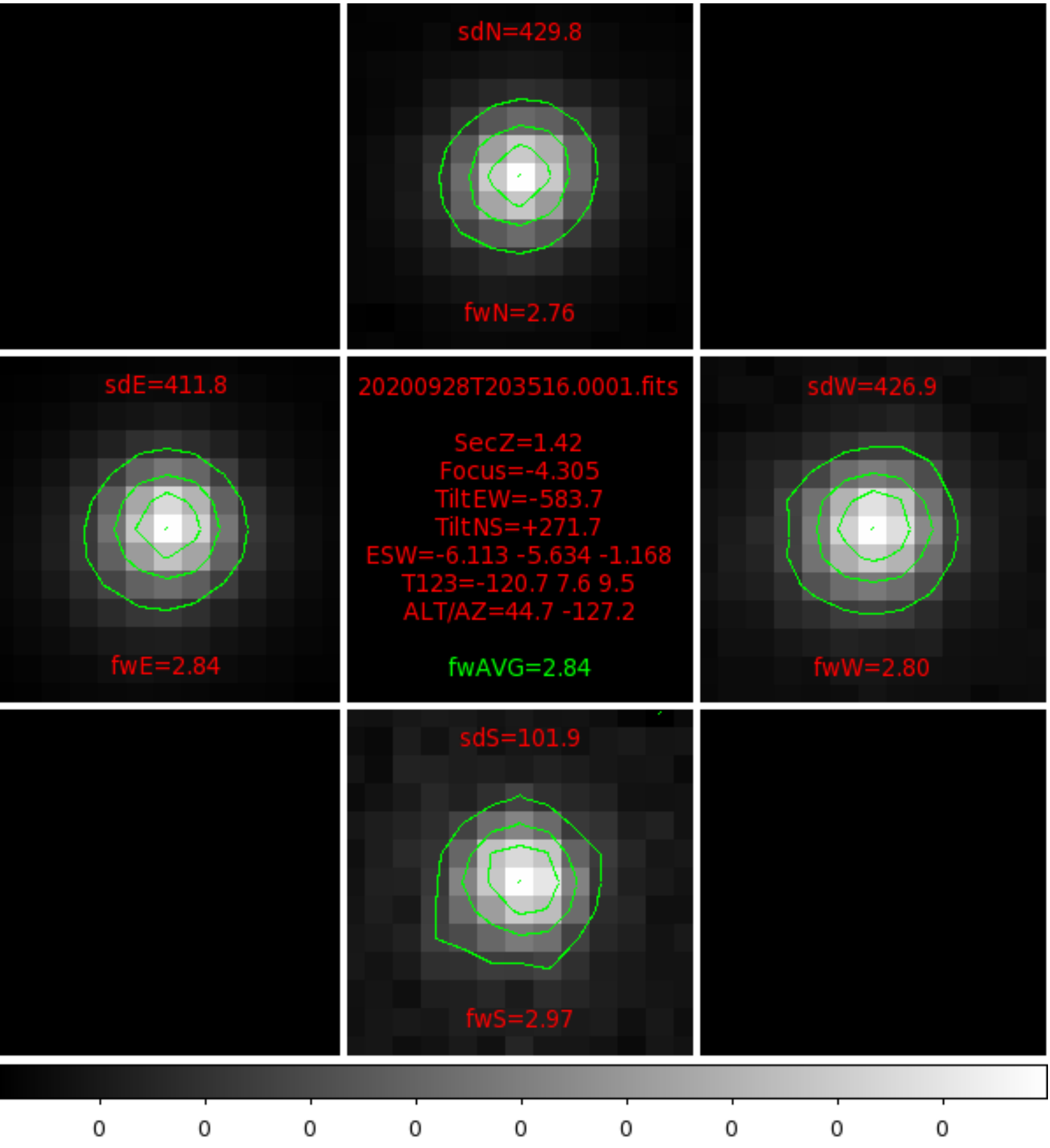
sdN=429.8
fwN=2.76
sdE=411.8
fwE=2.84
20200928T203516.0001.fits
SecZ=1.42
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.7 7.6 9.5
ALT/AZ=44.7 -127.2
fwAVG=2.84
sdW=426.9
fwW=2.80
sdS=101.9
fwS=2.97
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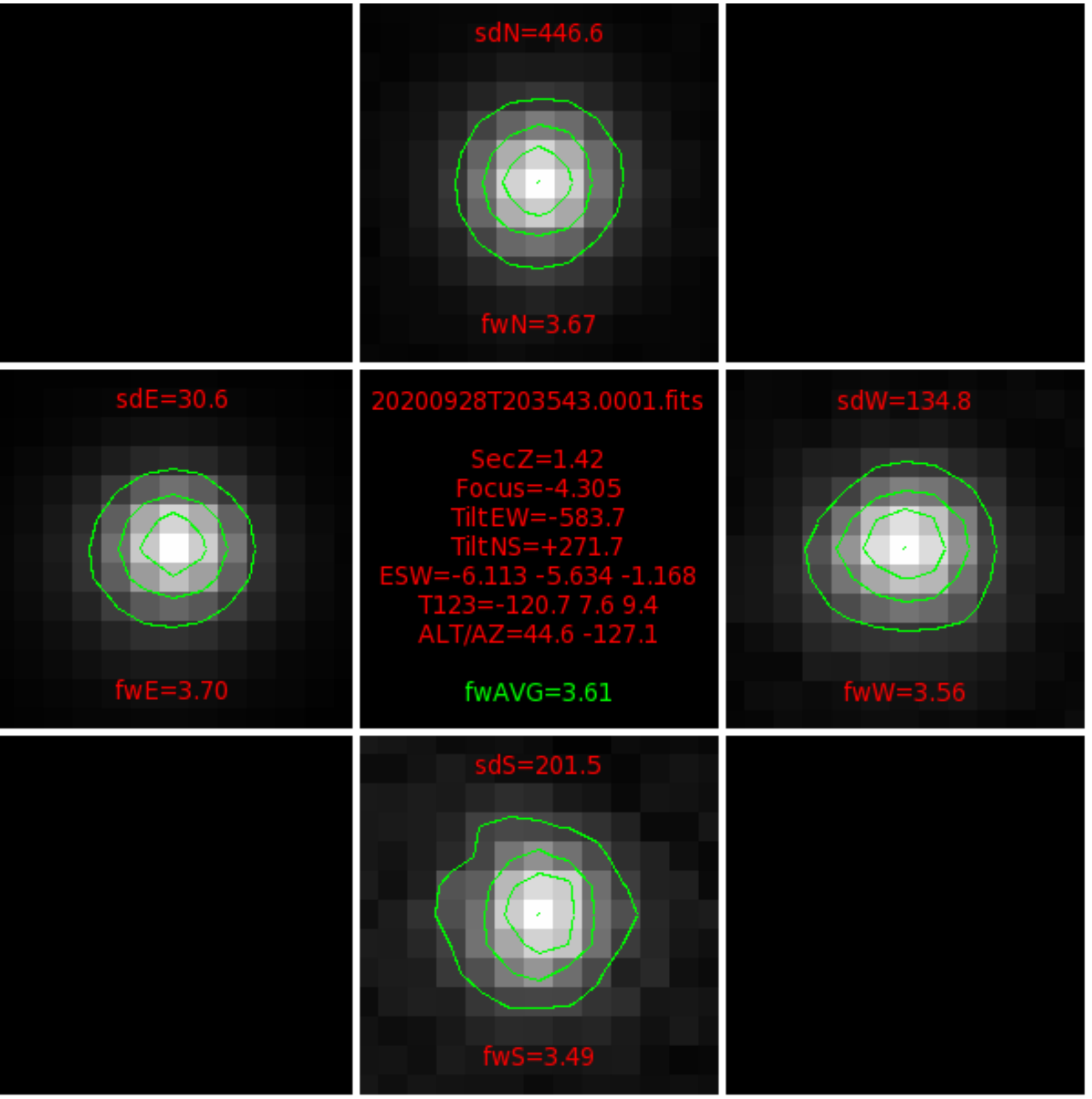
sdN=446.6
fwN=3.67
sdE=30.6
fwE=3.70
20200928T203543.0001.fits
SecZ=1.42
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.7 7.6 9.4
ALT/AZ=44.6 -127.1
fwAVG=3.61
sdW=134.8
fwW=3.56
sdS=201.5
fwS=3.49
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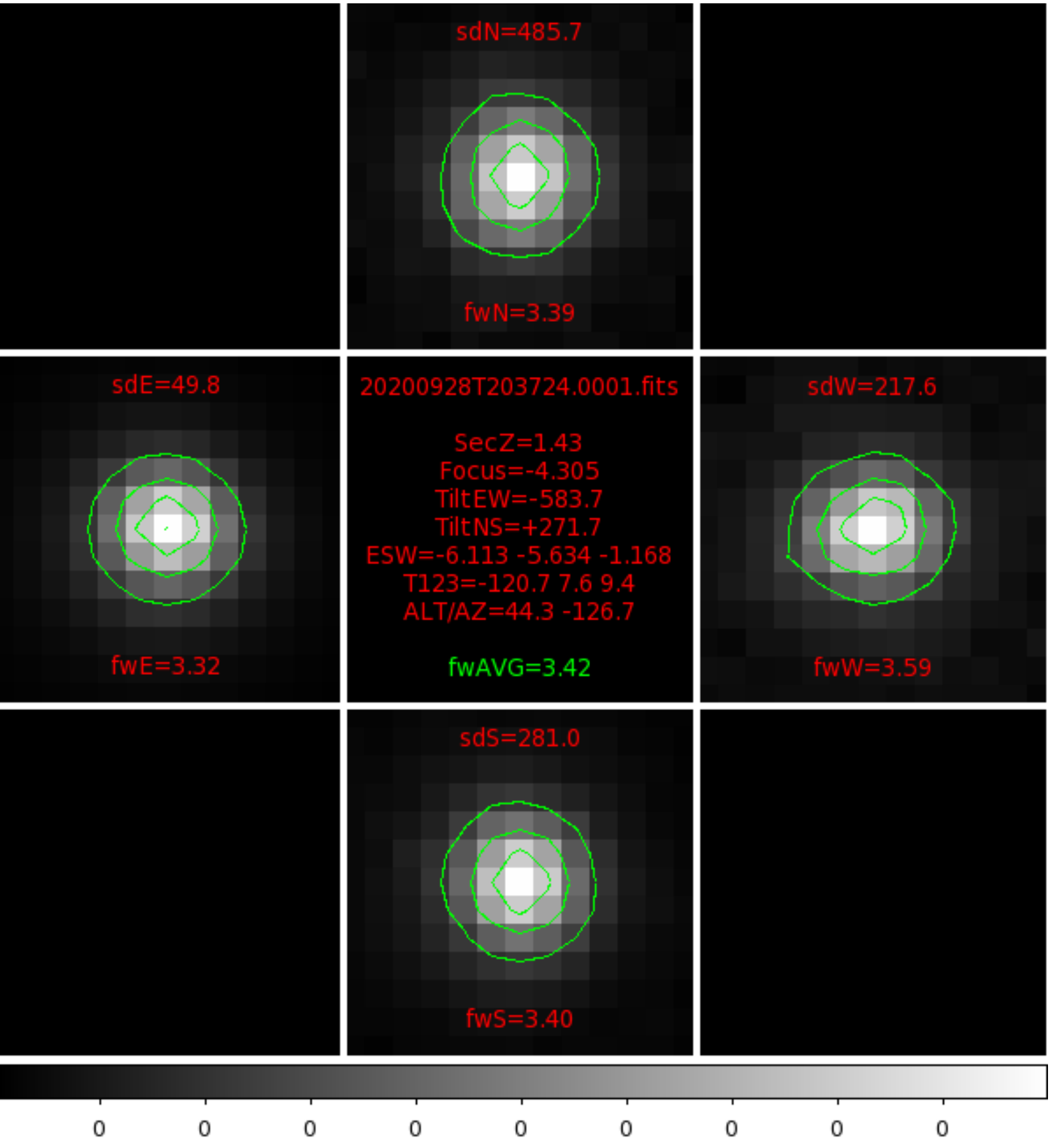
sdN=485.7
fwN=3.39
sdE=49.8
fwE=3.32
20200928T203724.0001.fits
SecZ=1.43
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.7 7.6 9.4
ALT/AZ=44.3 -126.7
fwAVG=3.42
sdW=217.6
fwW=3.59
sdS=281.0
fwS=3.40
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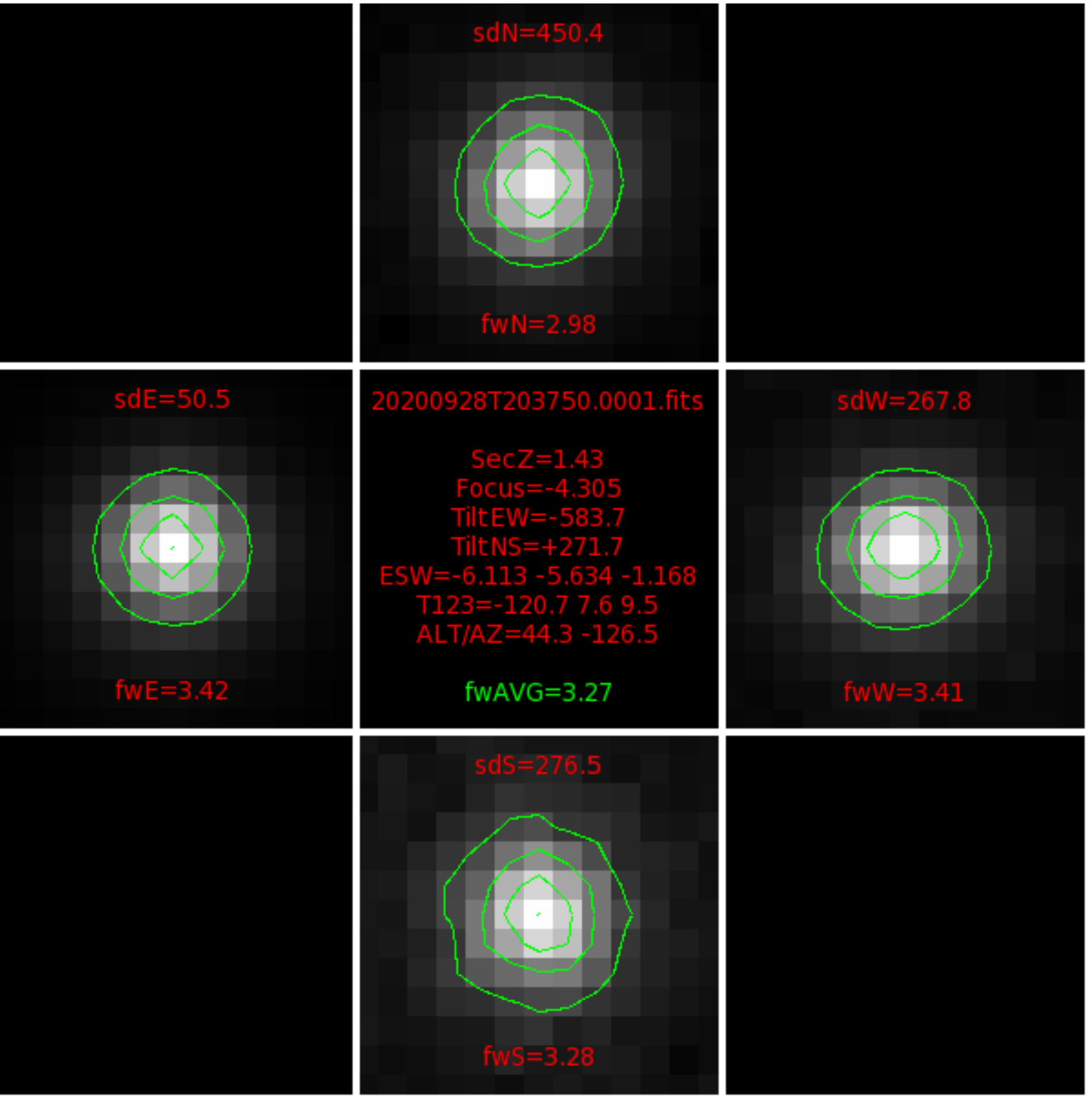
sdN=450.4
fwN=2.98
sdE=50.5
fwE=3.42
20200928T203750.0001.fits
SecZ=1.43
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.7 7.6 9.5
ALT/AZ=44.3 -126.5
fwAVG=3.27
sdW=267.8
fwW=3.41
sdS=276.5
fwS=3.28
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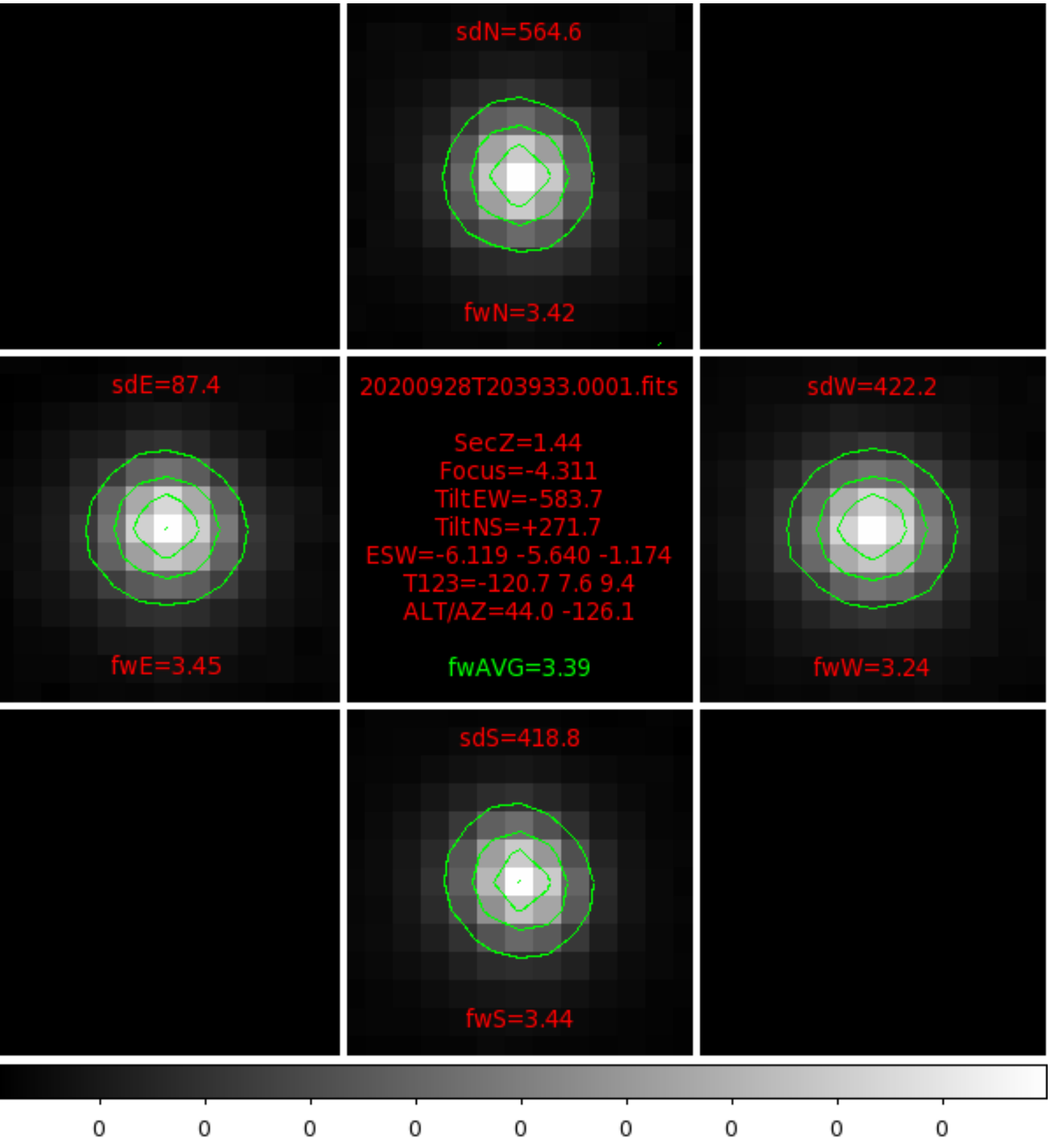
sdN=564.6
fwN=3.42
sdE=87.4
fwE=3.45
20200928T203933.0001.fits
SecZ=1.44
Focus=-4.311
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.119 -5.640 -1.174
T123=-120.7 7.6 9.4
ALT/AZ=44.0 -126.1
fwAVG=3.39
sdW=422.2
fwW=3.24
sdS=418.8
fwS=3.44
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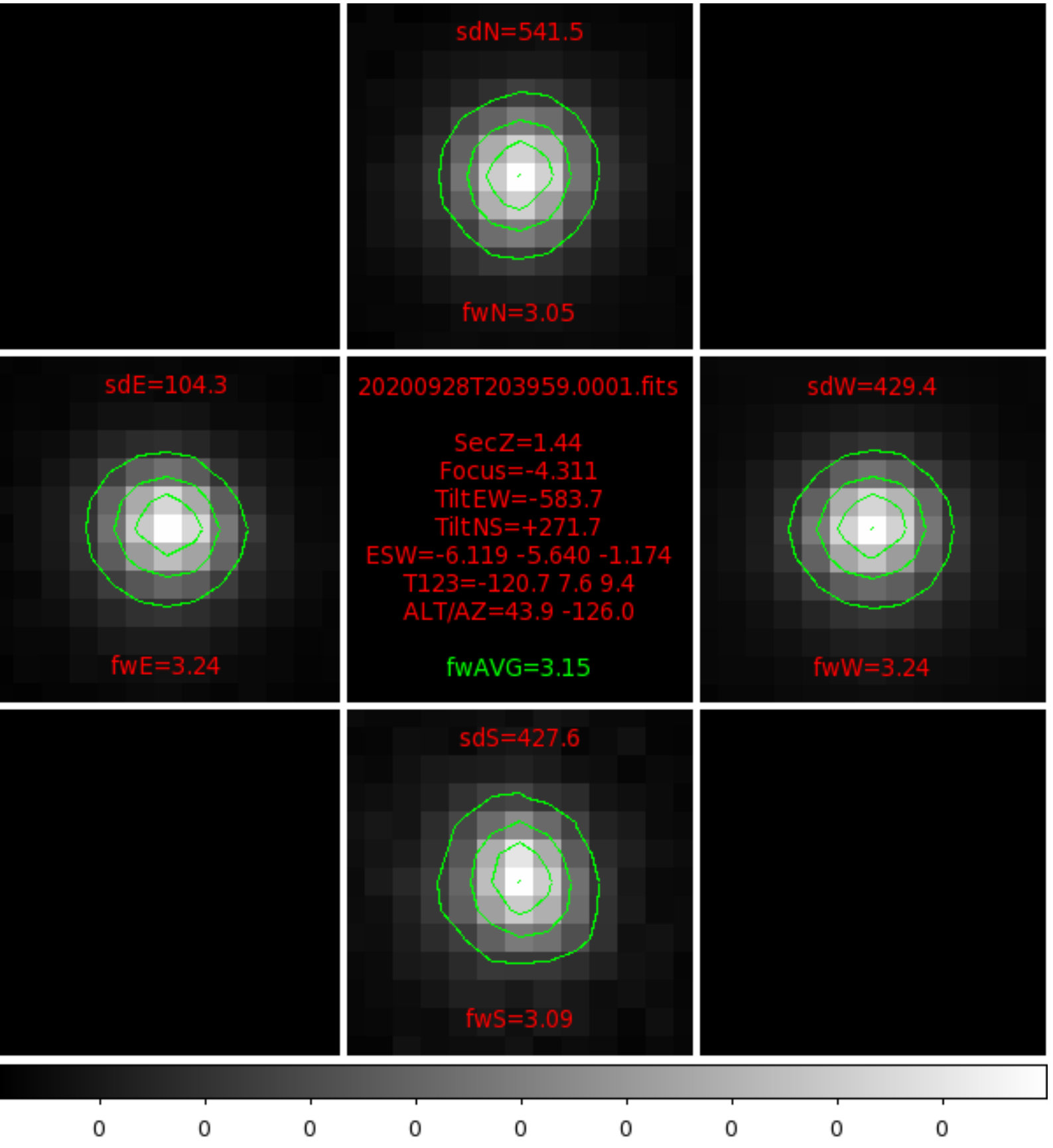
sdN=541.5
fwN=3.05
sdE=104.3
fwE=3.24
20200928T203959.0001.fits
SecZ=1.44
Focus=-4.311
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.119 -5.640 -1.174
T123=-120.7 7.6 9.4
ALT/AZ=43.9 -126.0
fwAVG=3.15
sdW=429.4
fwW=3.24
sdS=427.6
fwS=3.09
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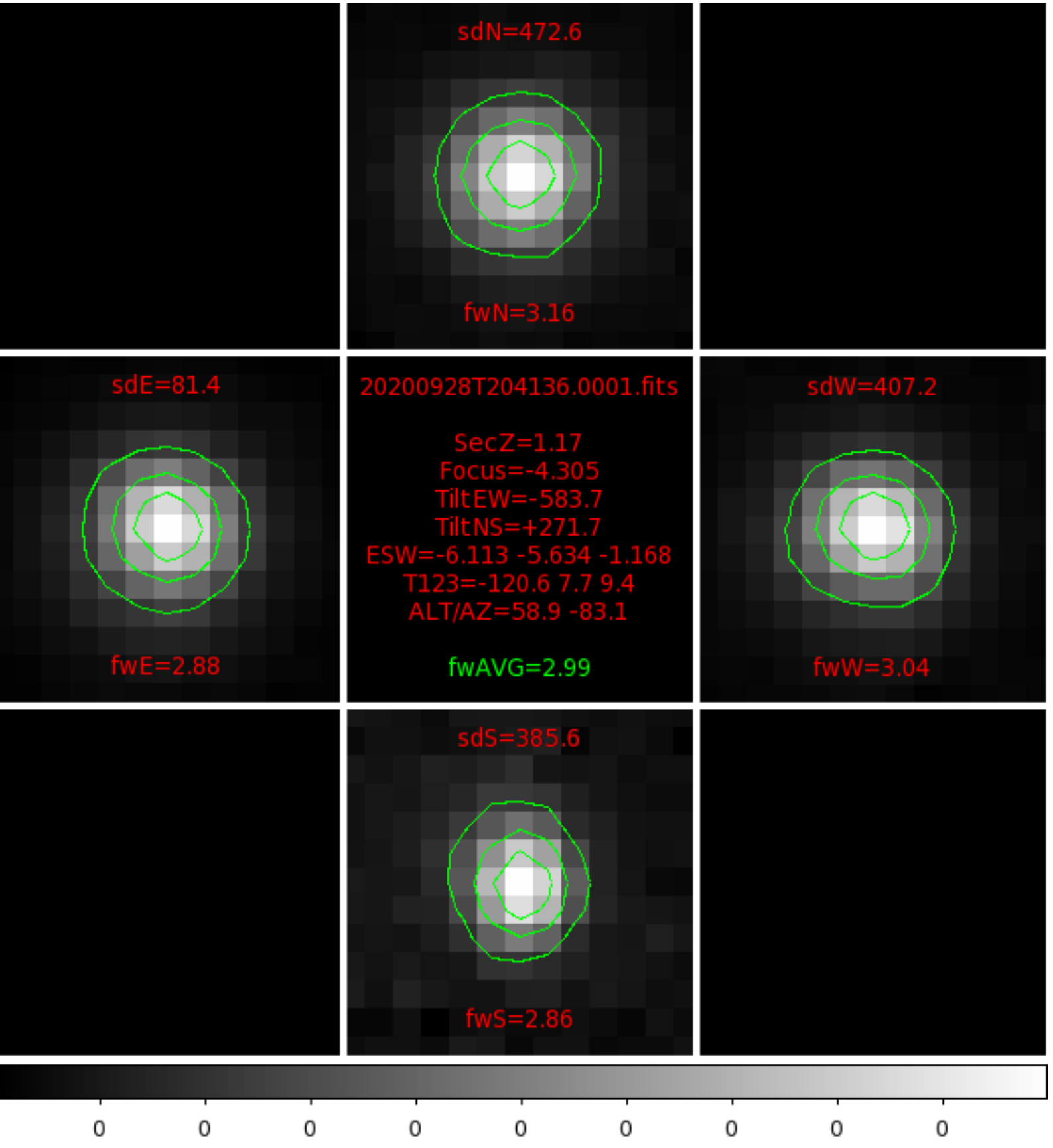
sdN=472.6
fwN=3.16
sdE=81.4
fwE=2.88
20200928T204136.0001.fits
SecZ=1.17
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.6 7.7 9.4
ALT/AZ=58.9 -83.1
fwAVG=2.99
sdW=407.2
fwW=3.04
sdS=385.6
fwS=2.86
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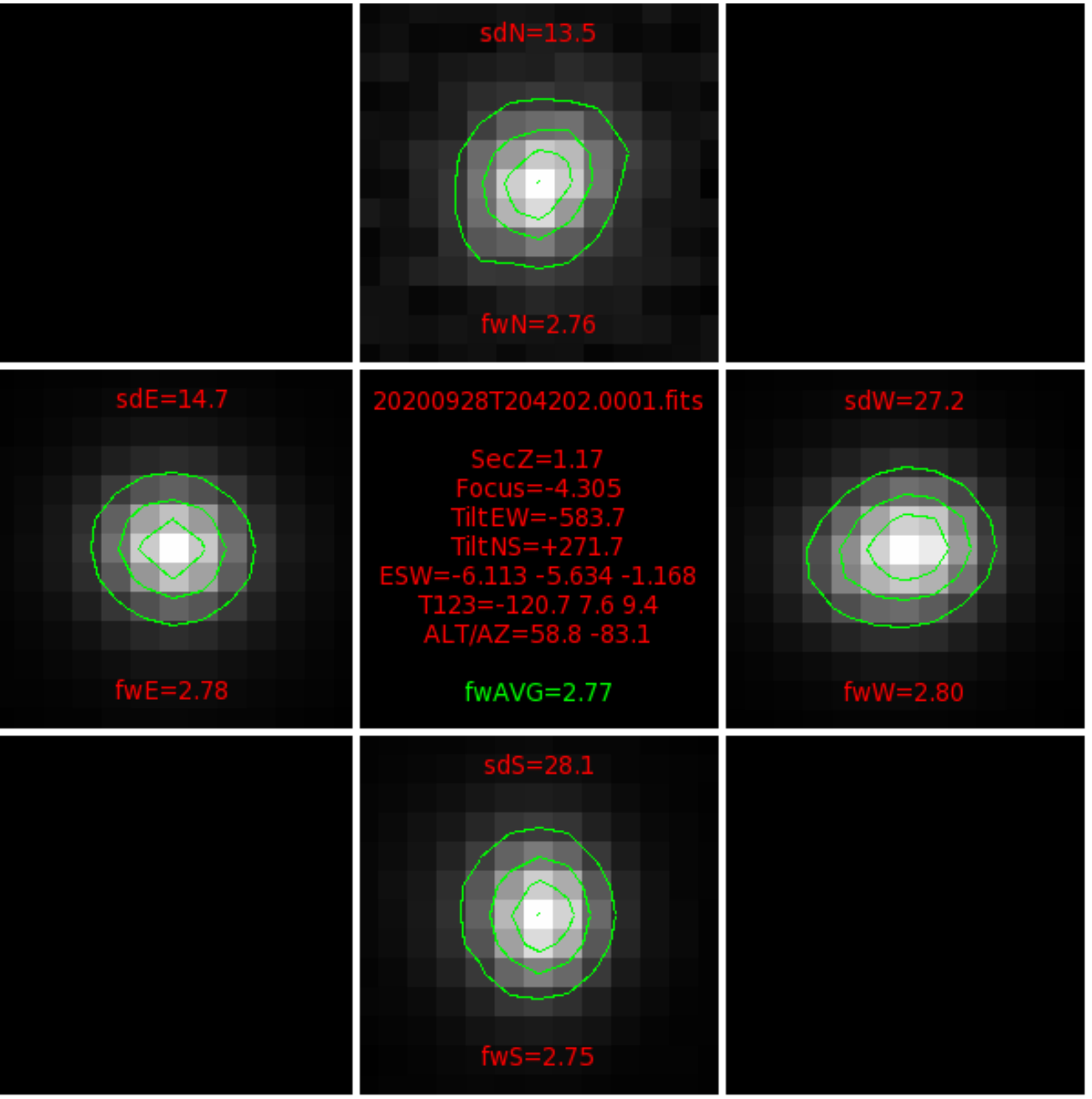
sdN=13.5
fwN=2.76
sdE=14.7
fwE=2.78
20200928T204202.0001.fits
SecZ=1.17
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.7 7.6 9.4
ALT/AZ=58.8 -83.1
fwAVG=2.77
sdW=27.2
fwW=2.80
sdS=28.1
fwS=2.75
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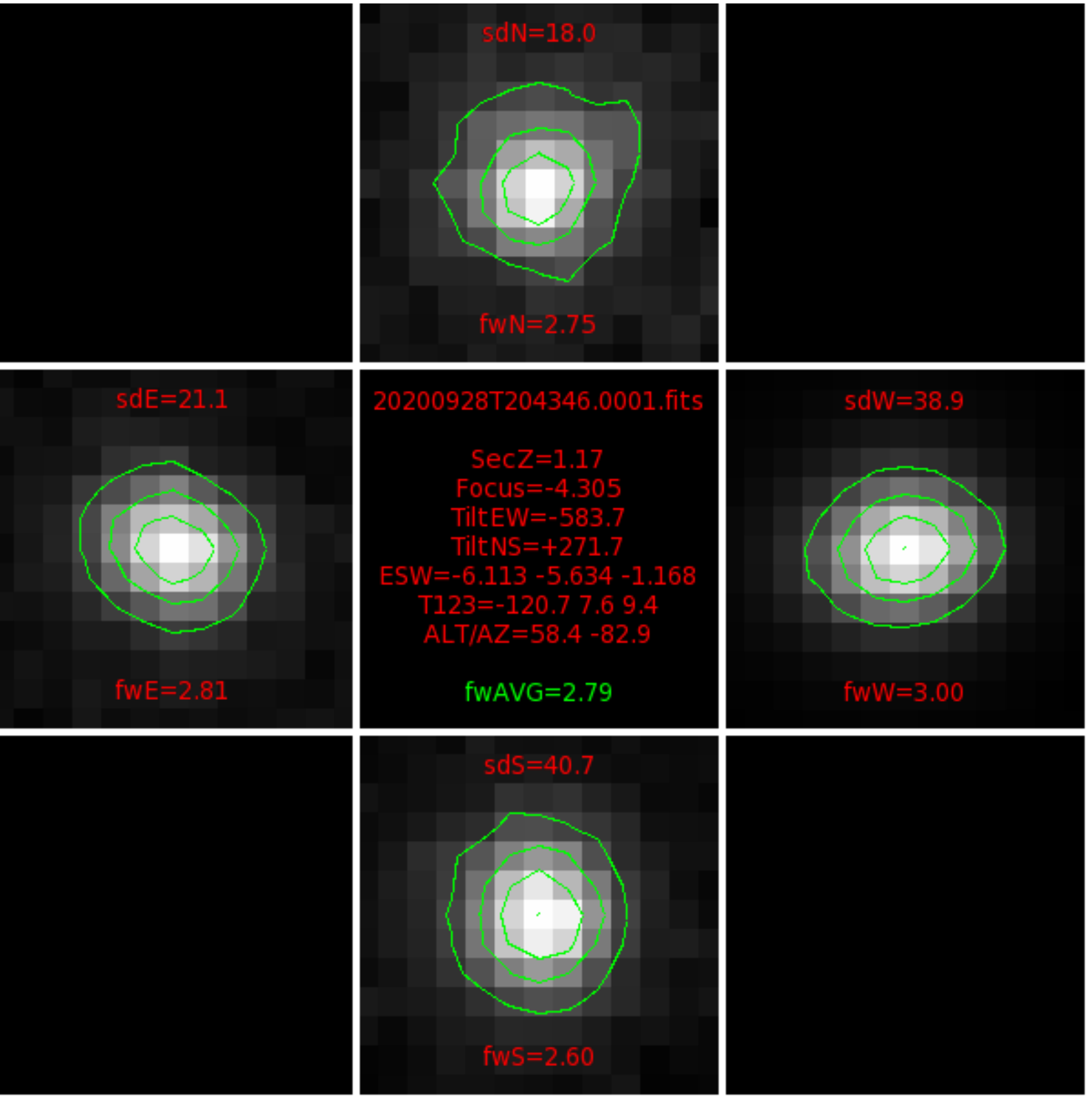
sdN=18.0
fwN=2.75
sdE=21.1
fwE=2.81
20200928T204346.0001.fits
SecZ=1.17
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.7 7.6 9.4
ALT/AZ=58.4 -82.9
fwAVG=2.79
sdW=38.9
fwW=3.00
sdS=40.7
fwS=2.60
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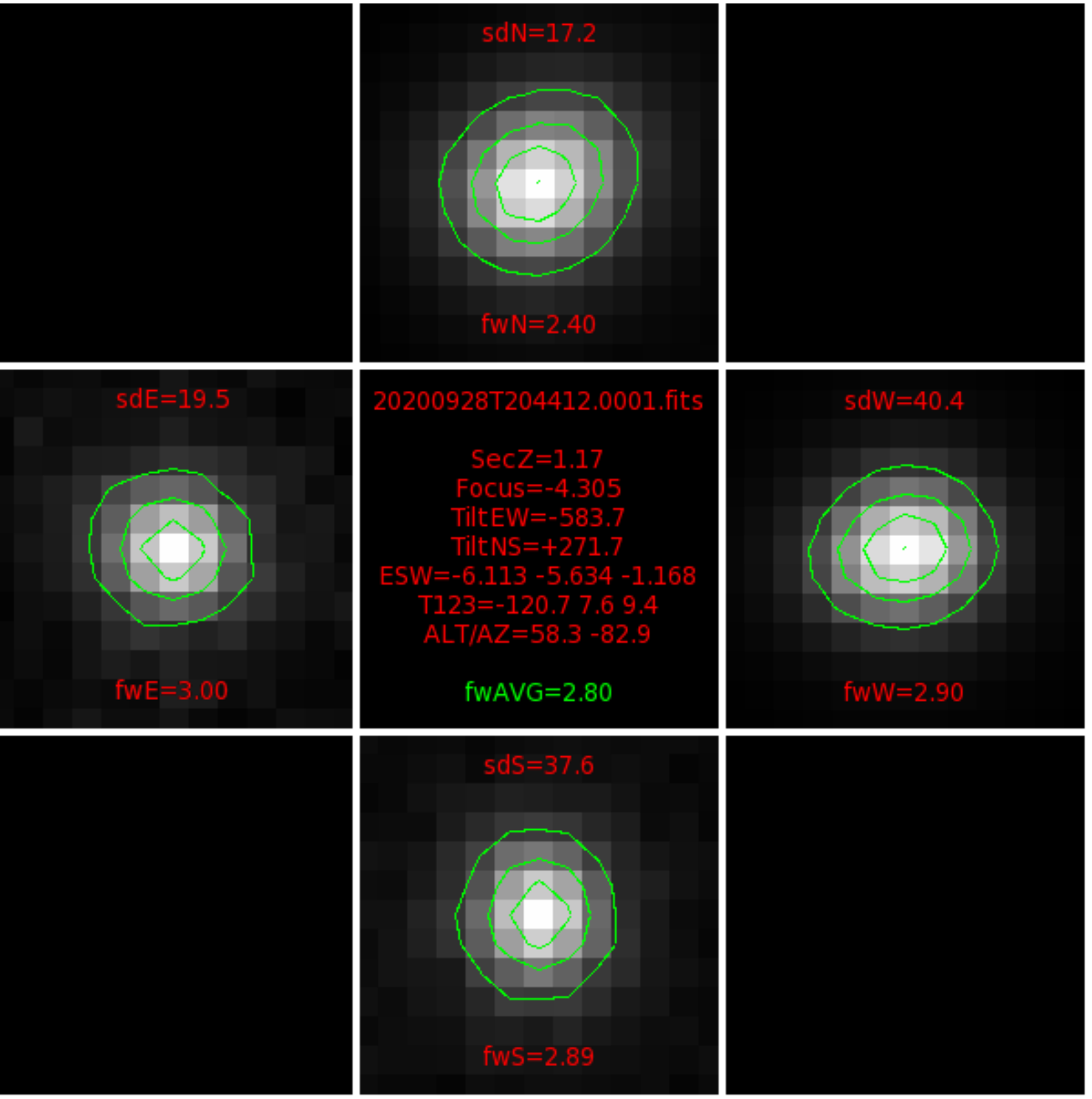
sdN=17.2
fwN=2.40
sdE=19.5
fwE=3.00
20200928T204412.0001.fits
SecZ=1.17
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.7 7.6 9.4
ALT/AZ=58.3 -82.9
fwAVG=2.80
sdW=40.4
fwW=2.90
sdS=37.6
fwS=2.89
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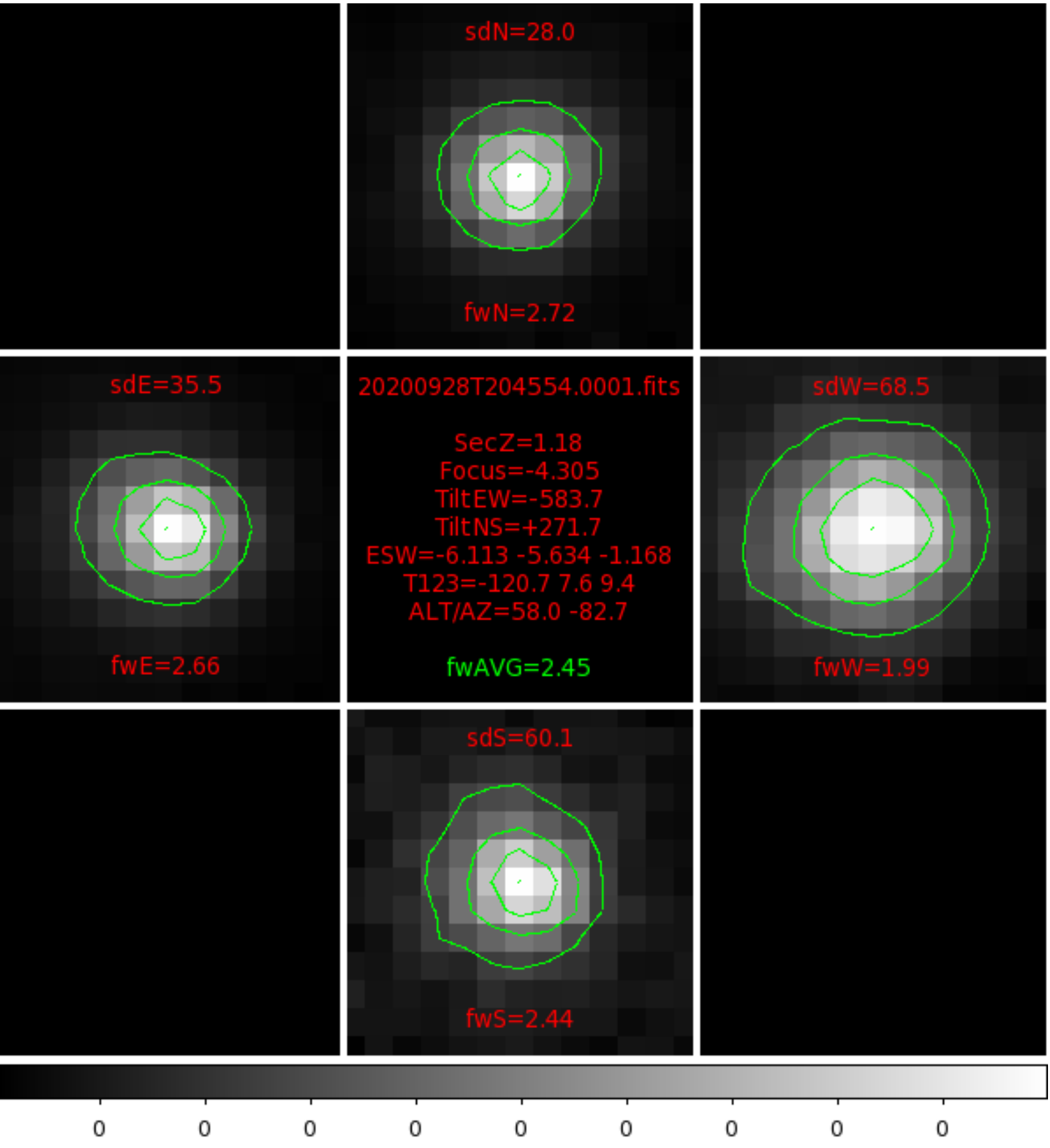
sdN=28.0
fwN=2.72
sdE=35.5
fwE=2.66
20200928T204554.0001.fits
SecZ=1.18
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.7 7.6 9.4
ALT/AZ=58.0 -82.7
fwAVG=2.45
sdW=68.5
fwW=1.99
sdS=60.1
fwS=2.44
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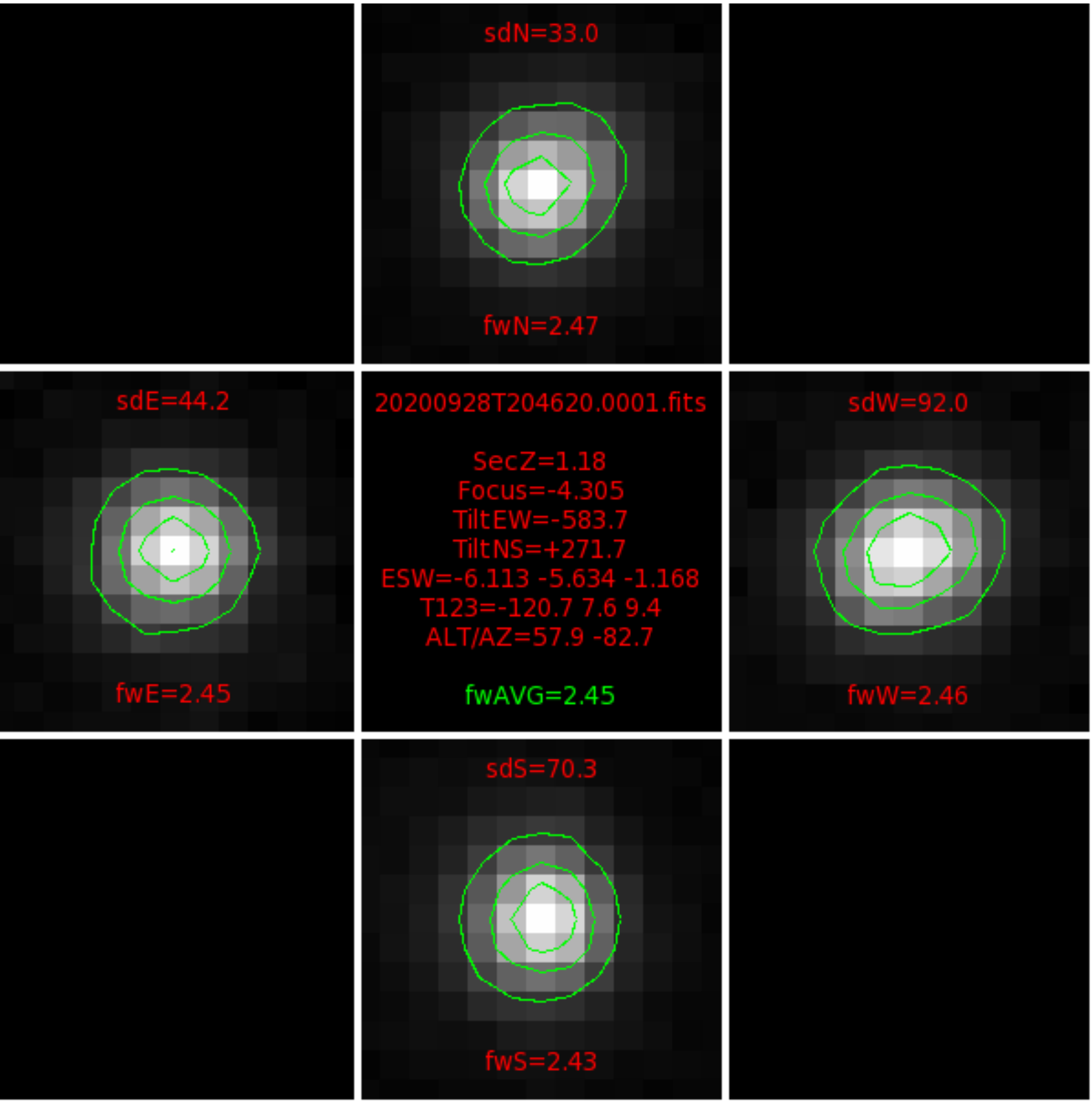
sdN=33.0
fwN=2.47
sdE=44.2
fwE=2.45
20200928T204620.0001.fits
SecZ=1.18
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.7 7.6 9.4
ALT/AZ=57.9 -82.7
fwAVG=2.45
sdW=92.0
fwW=2.46
sdS=70.3
fwS=2.43
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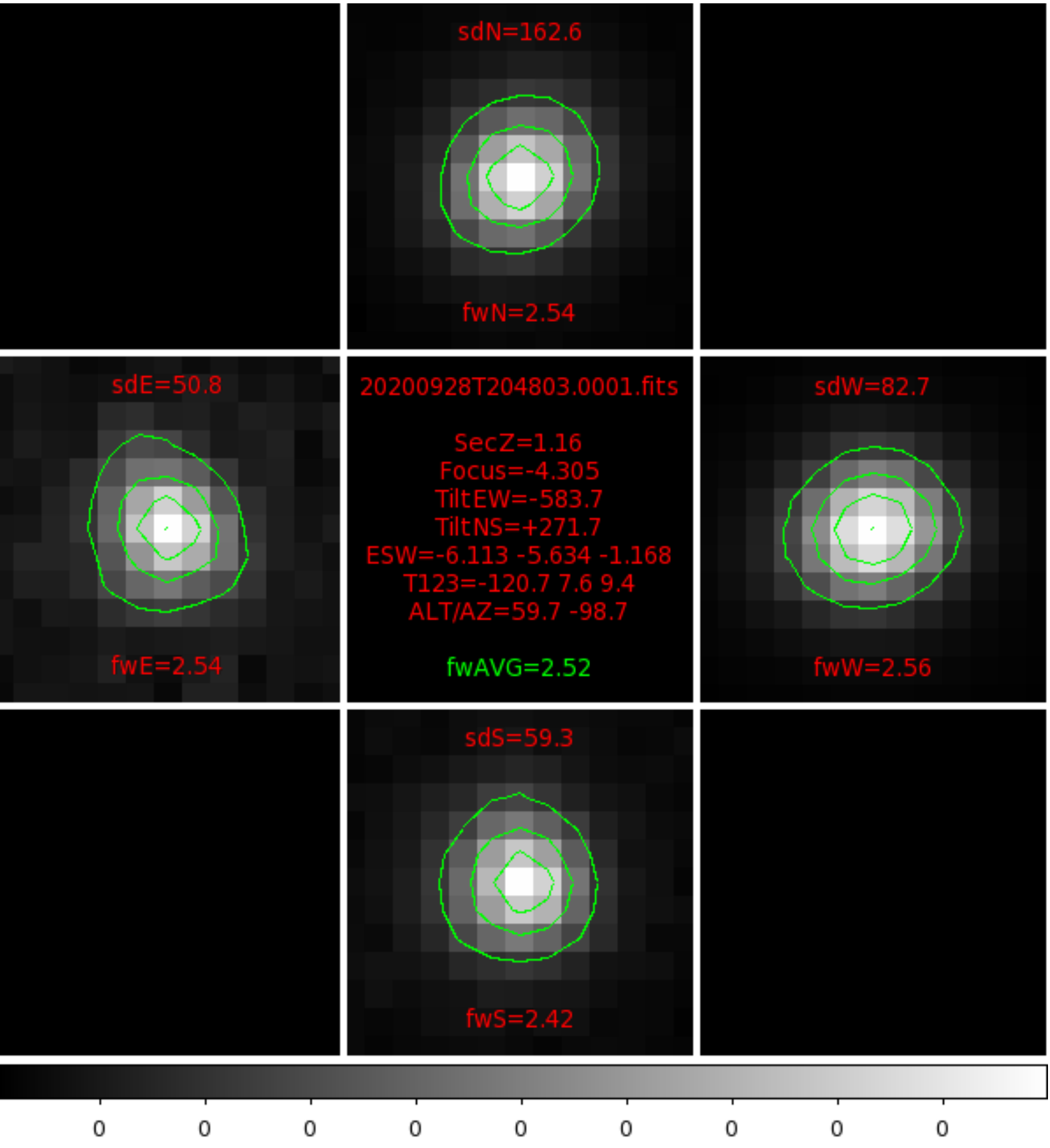
sdN=162.6
fwN=2.54
sdE=50.8
fwE=2.54
20200928T204803.0001.fits
SecZ=1.16
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.7 7.6 9.4
ALT/AZ=59.7 -98.7
fwAVG=2.52
sdW=82.7
fwW=2.56
sdS=59.3
fwS=2.42
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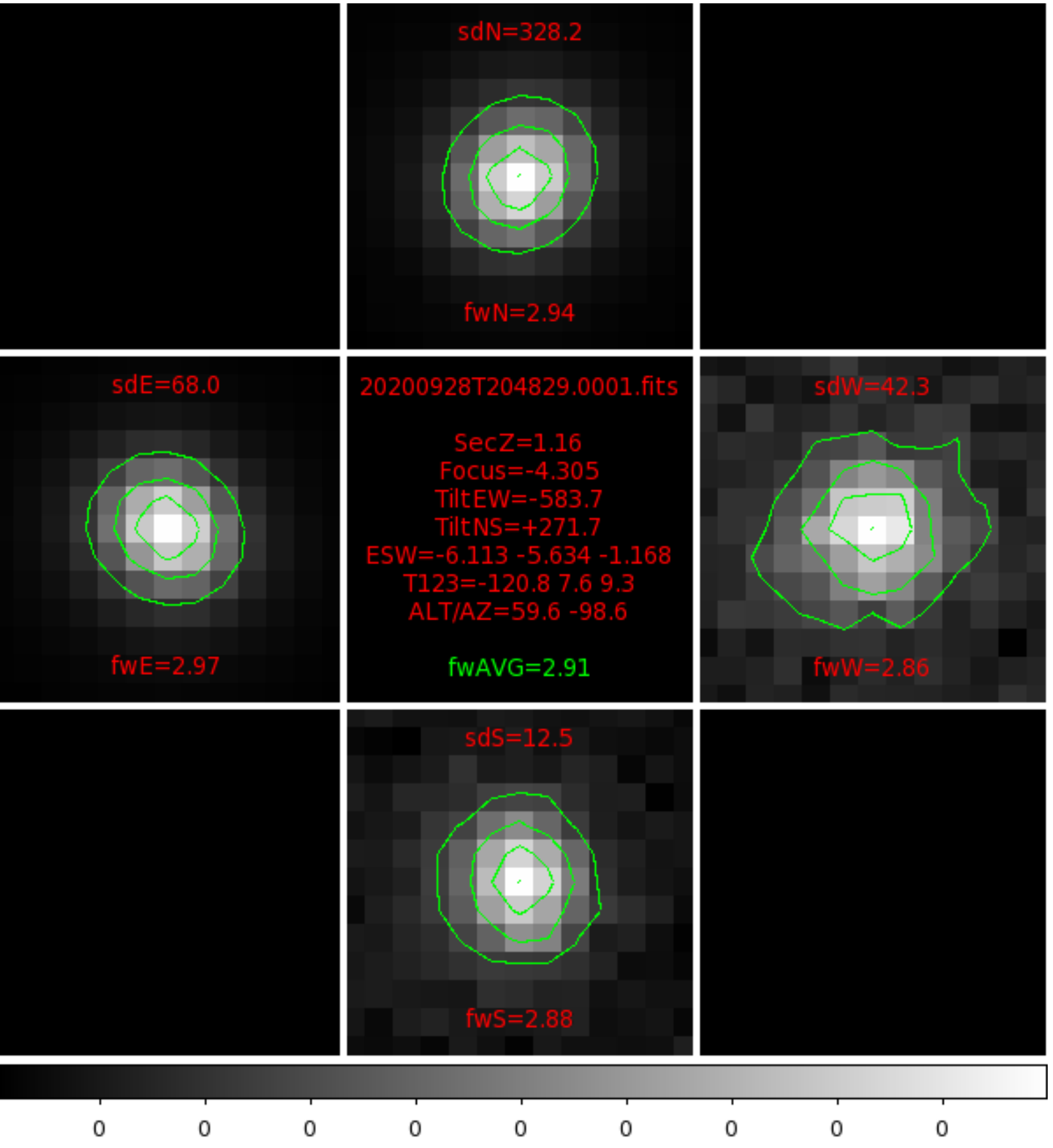
sdN=328.2
fwN=2.94
sdE=68.0
fwE=2.97
20200928T204829.0001.fits
SecZ=1.16
Focus=-4.305
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.113 -5.634 -1.168
T123=-120.8 7.6 9.3
ALT/AZ=59.6 -98.6
fwAVG=2.91
sdW=42.3
fwW=2.86
sdS=12.5
fwS=2.88
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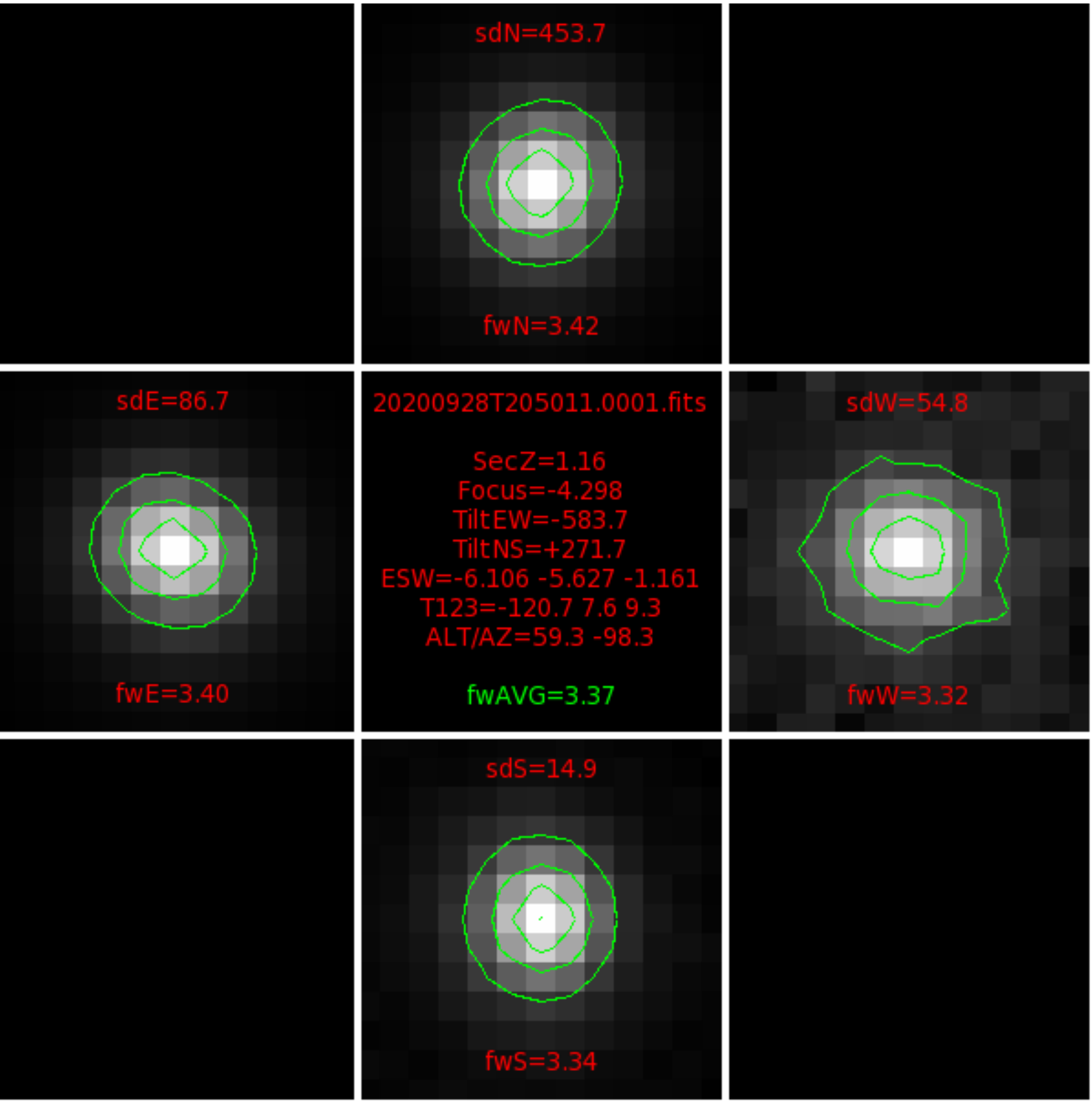
sdN=453.7
fwN=3.42
sdE=86.7
fwE=3.40
20200928T205011.0001.fits
SecZ=1.16
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.7 7.6 9.3
ALT/AZ=59.3 -98.3
fwAVG=3.37
sdW=54.8
fwW=3.32
sdS=14.9
fwS=3.34
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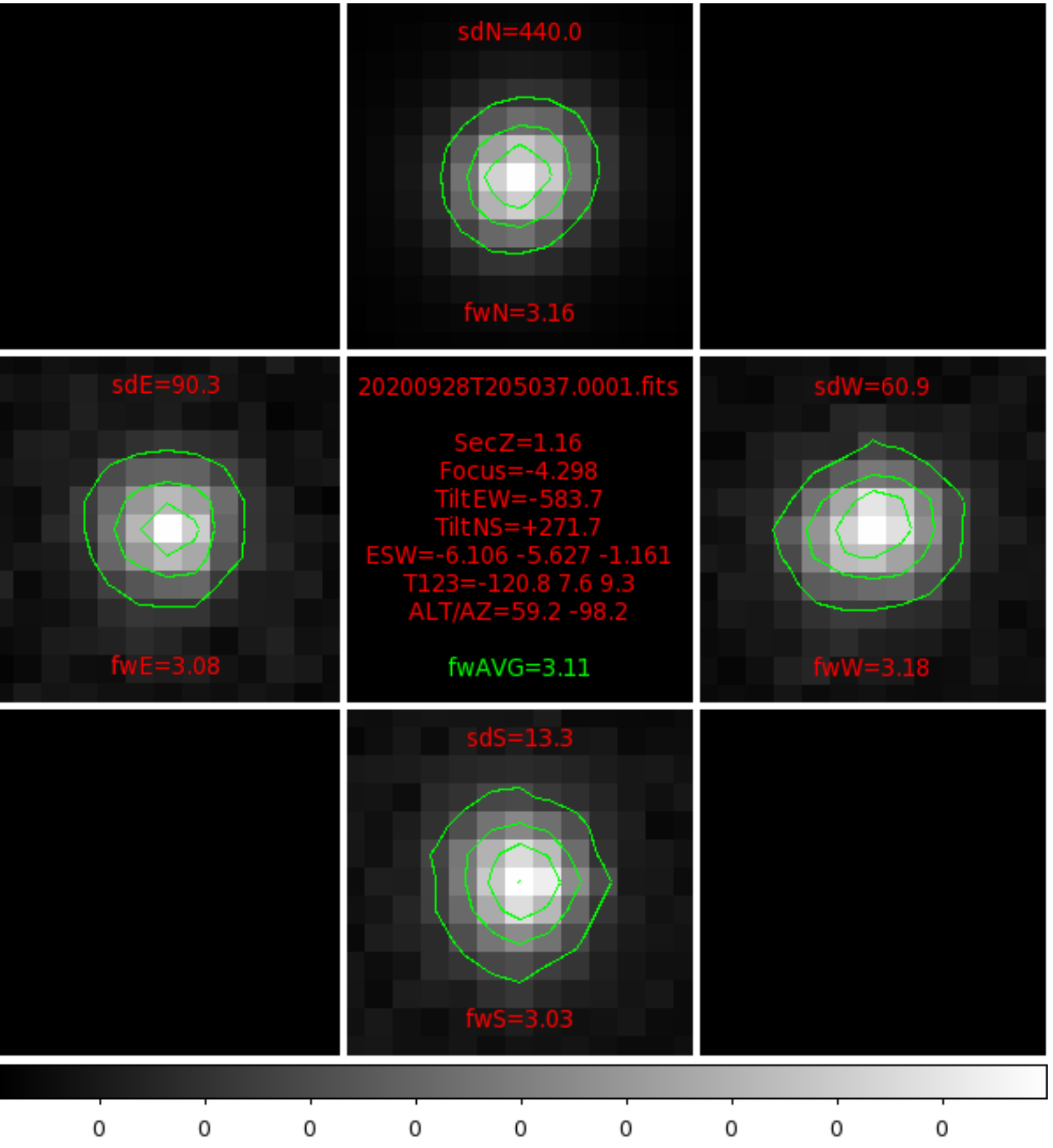
sdN=440.0
fwN=3.16
sdE=90.3
fwE=3.08
20200928T205037.0001.fits
SecZ=1.16
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.8 7.6 9.3
ALT/AZ=59.2 -98.2
fwAVG=3.11
sdW=60.9
fwW=3.18
sdS=13.3
fwS=3.03
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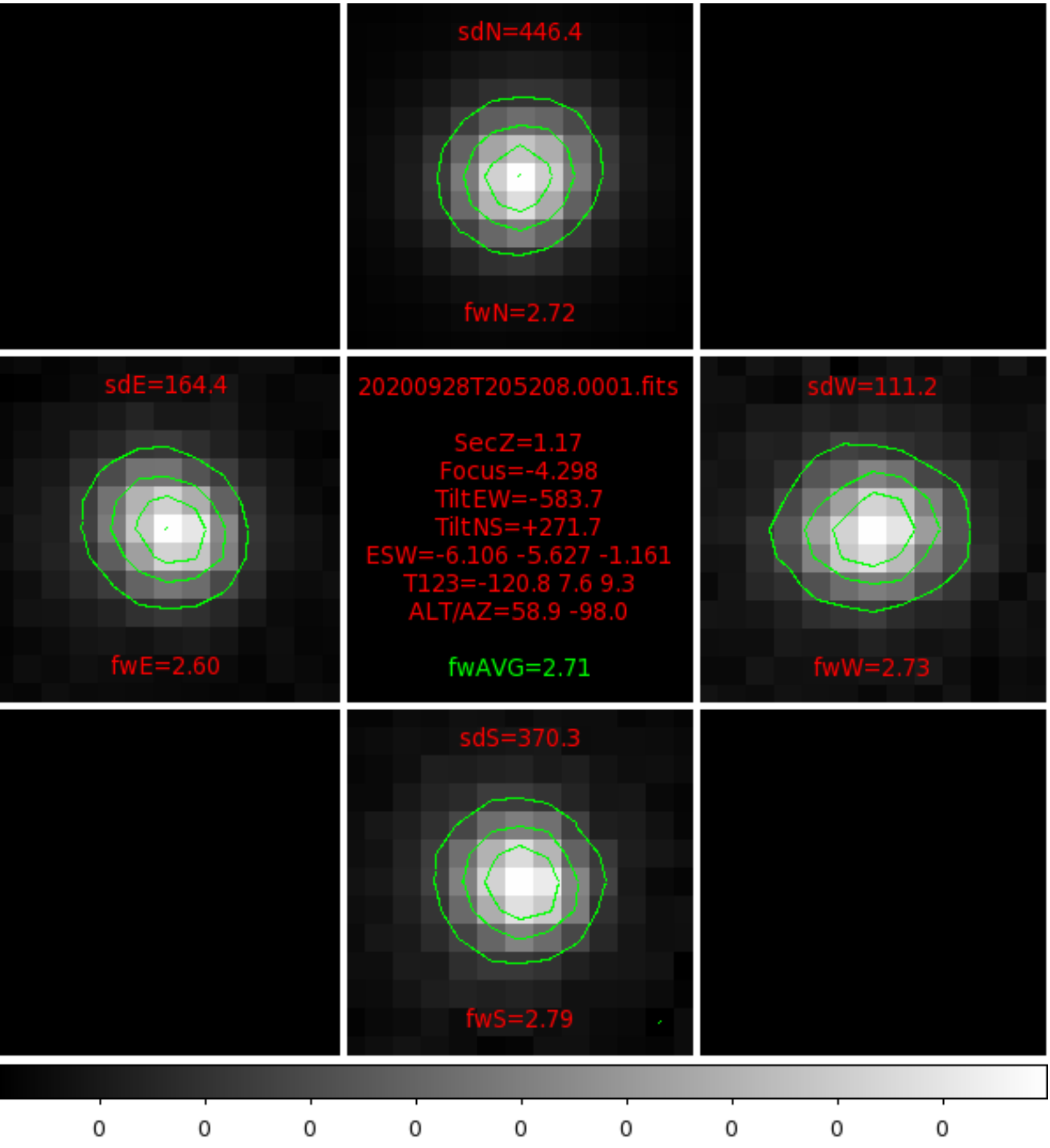
sdN=446.4
fwN=2.72
sdE=164.4
fwE=2.60
20200928T205208.0001.fits
SecZ=1.17
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.8 7.6 9.3
ALT/AZ=58.9 -98.0
fwAVG=2.71
sdW=111.2
fwW=2.73
sdS=370.3
fwS=2.79
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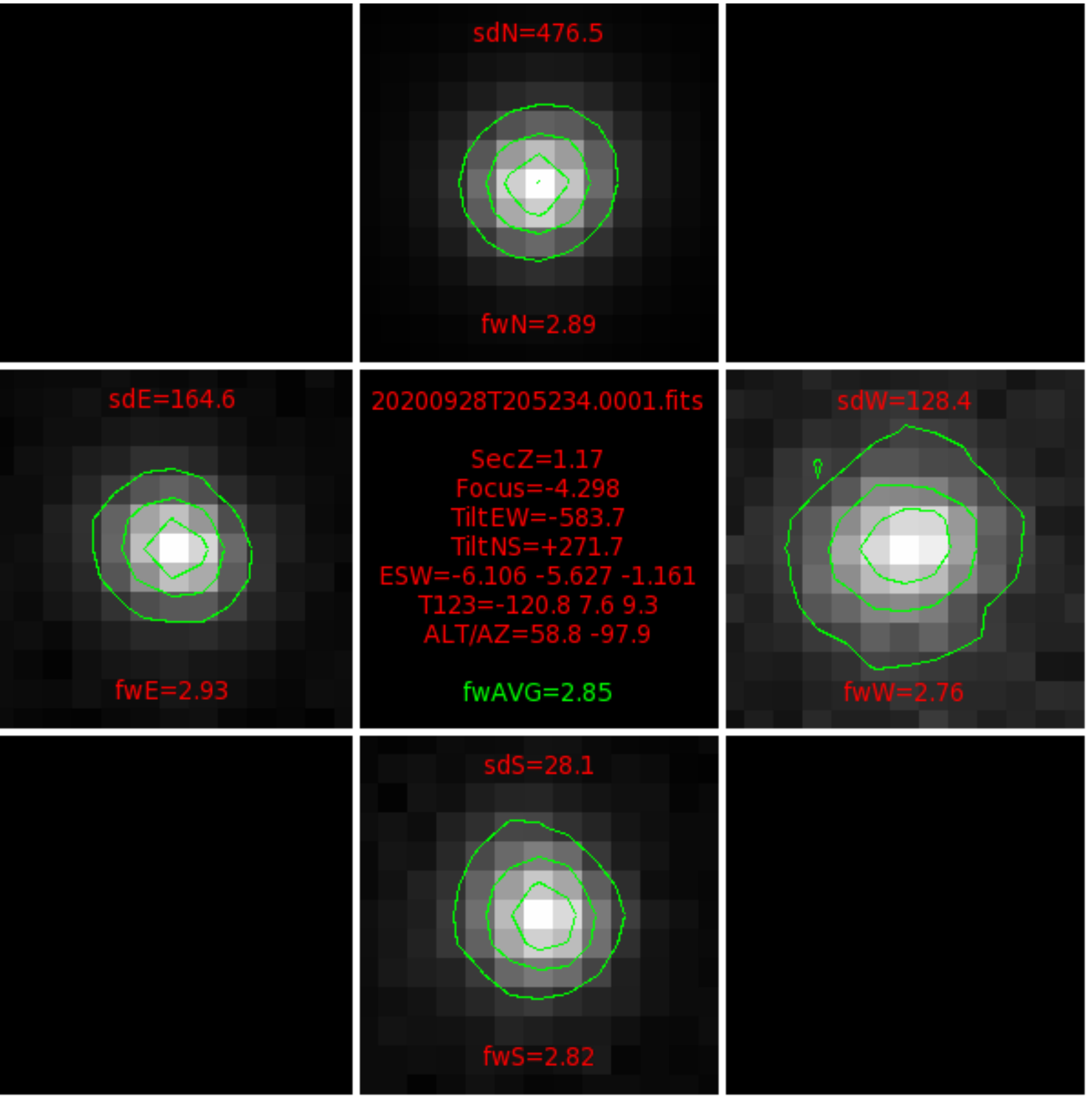
sdN=476.5
fwN=2.89
sdE=164.6
fwE=2.93
20200928T205234.0001.fits
SecZ=1.17
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.8 7.6 9.3
ALT/AZ=58.8 -97.9
fwAVG=2.85
sdW=128.4
fwW=2.76
sdS=28.1
fwS=2.82
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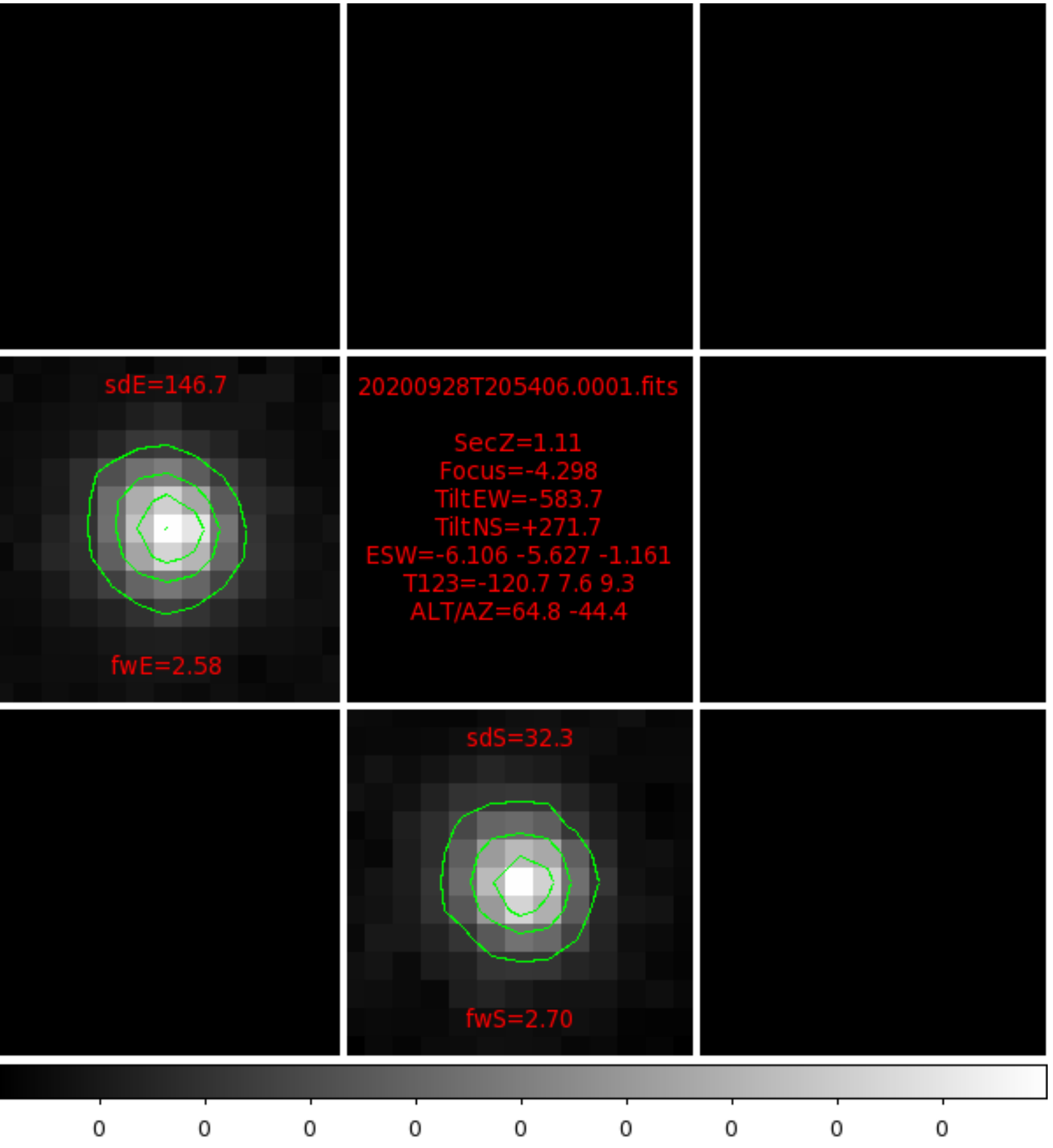
sdE=146.7
20200928T205406.0001.fits
SecZ=1.11
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.7 7.6 9.3
ALT/AZ=64.8 -44.4
fwE=2.58
sdS=32.3
fwS=2.70
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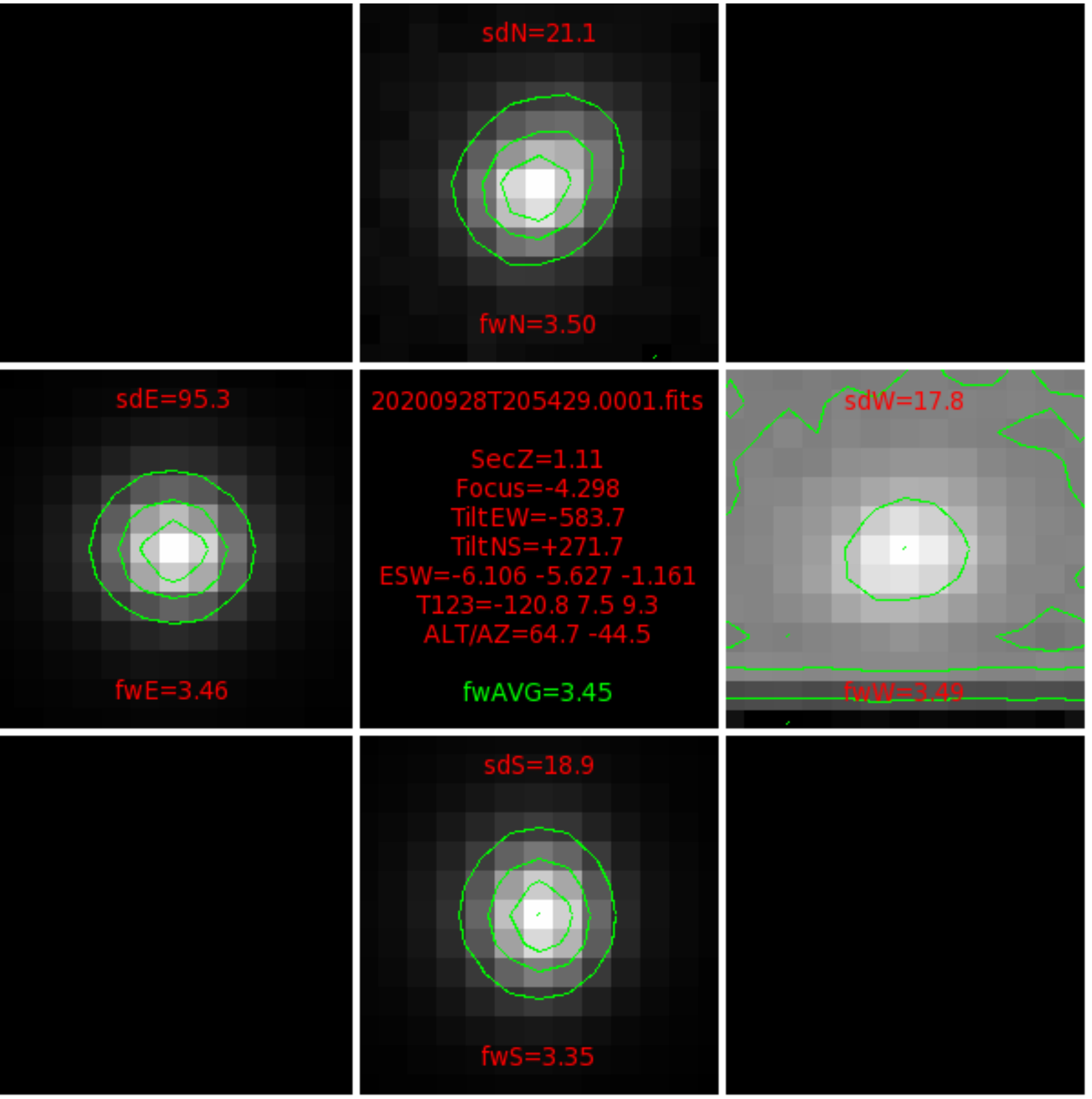
sdN=21.1
fwN=3.50
sdE=95.3
fwE=3.46
20200928T205429.0001.fits
SecZ=1.11
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.8 7.5 9.3
ALT/AZ=64.7 -44.5
fwAVG=3.45
sdW=17.8
fwW=3.49
sdS=18.9
fwS=3.35
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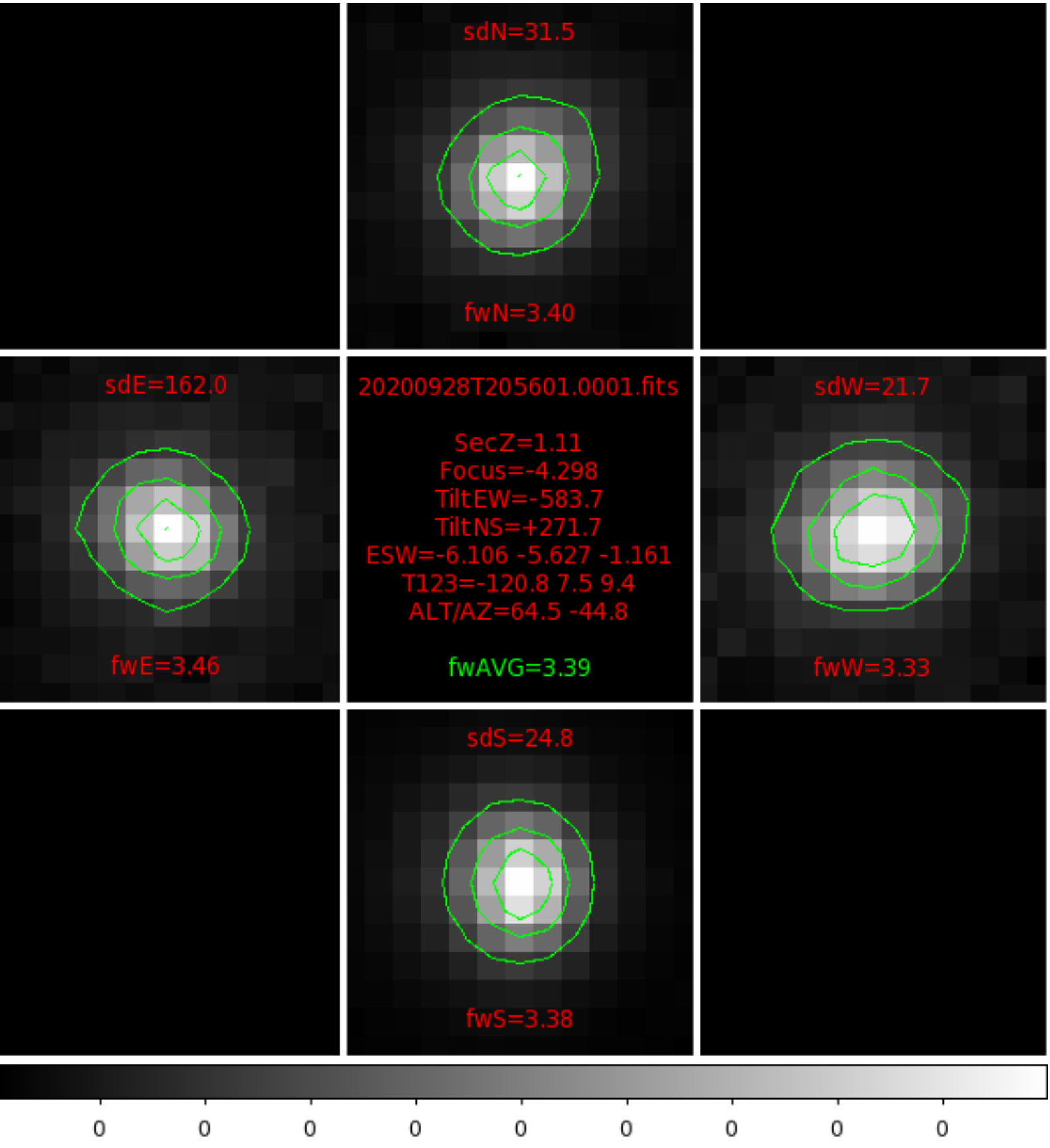
sdN=31.5
fwN=3.40
sdE=162.0
fwE=3.46
20200928T205601.0001.fits
SecZ=1.11
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.8 7.5 9.4
ALT/AZ=64.5 -44.8
fwAVG=3.39
sdW=21.7
fwW=3.33
sdS=24.8
fwS=3.38
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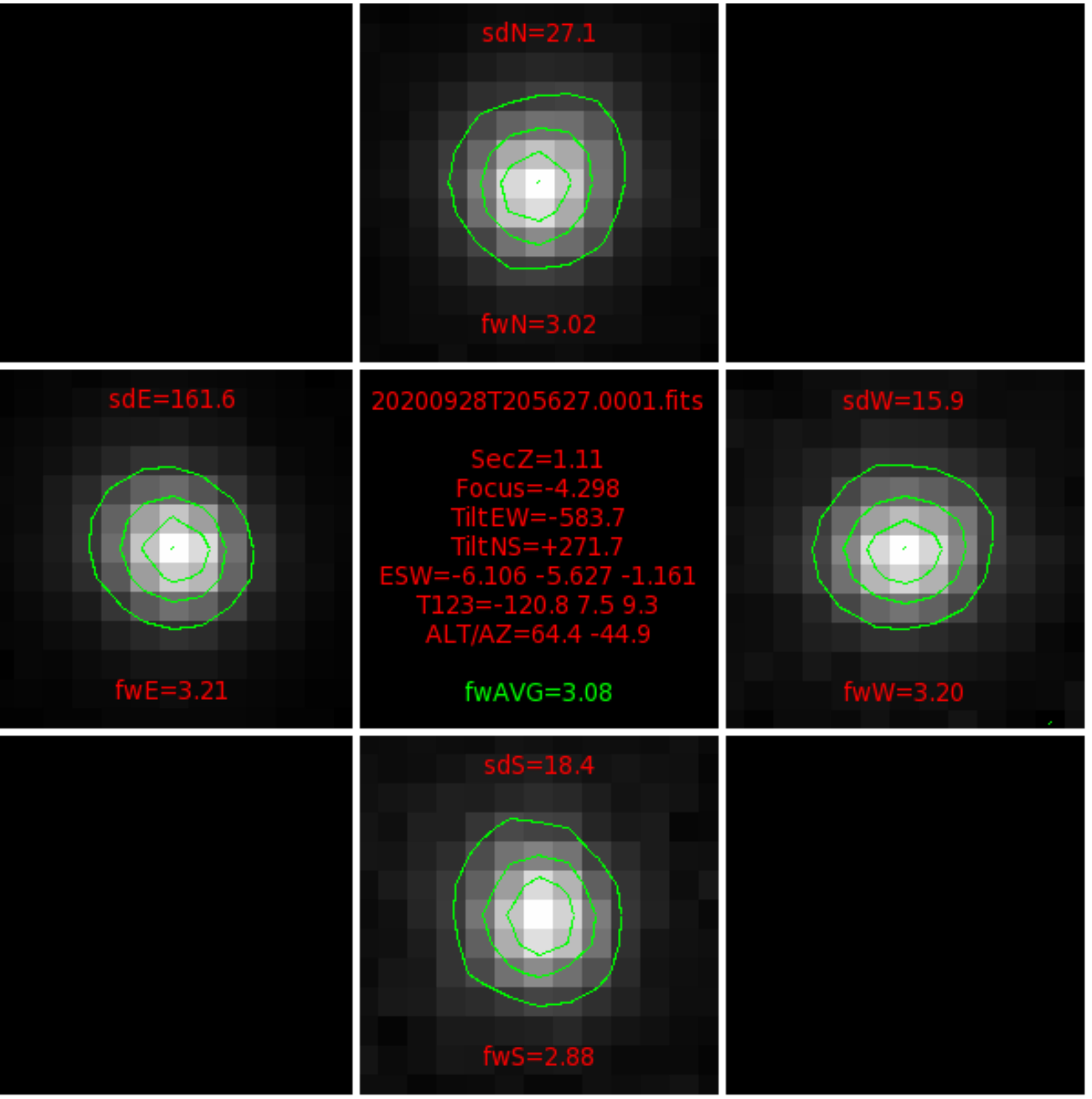
sdN=27.1
fwN=3.02
sdE=161.6
fwE=3.21
20200928T205627.0001.fits
SecZ=1.11
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.8 7.5 9.3
ALT/AZ=64.4 -44.9
fwAVG=3.08
sdW=15.9
fwW=3.20
sdS=18.4
fwS=2.88
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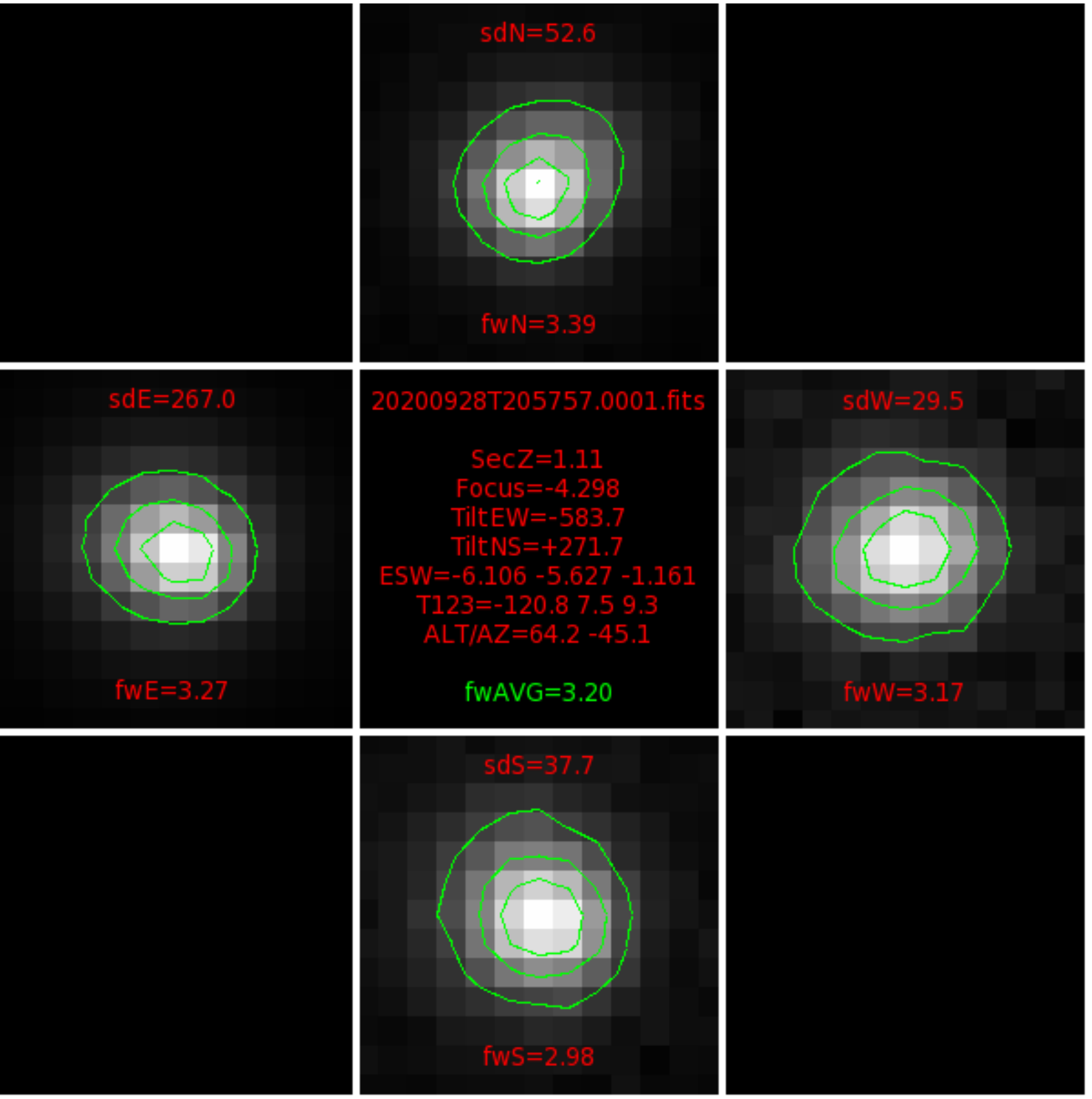
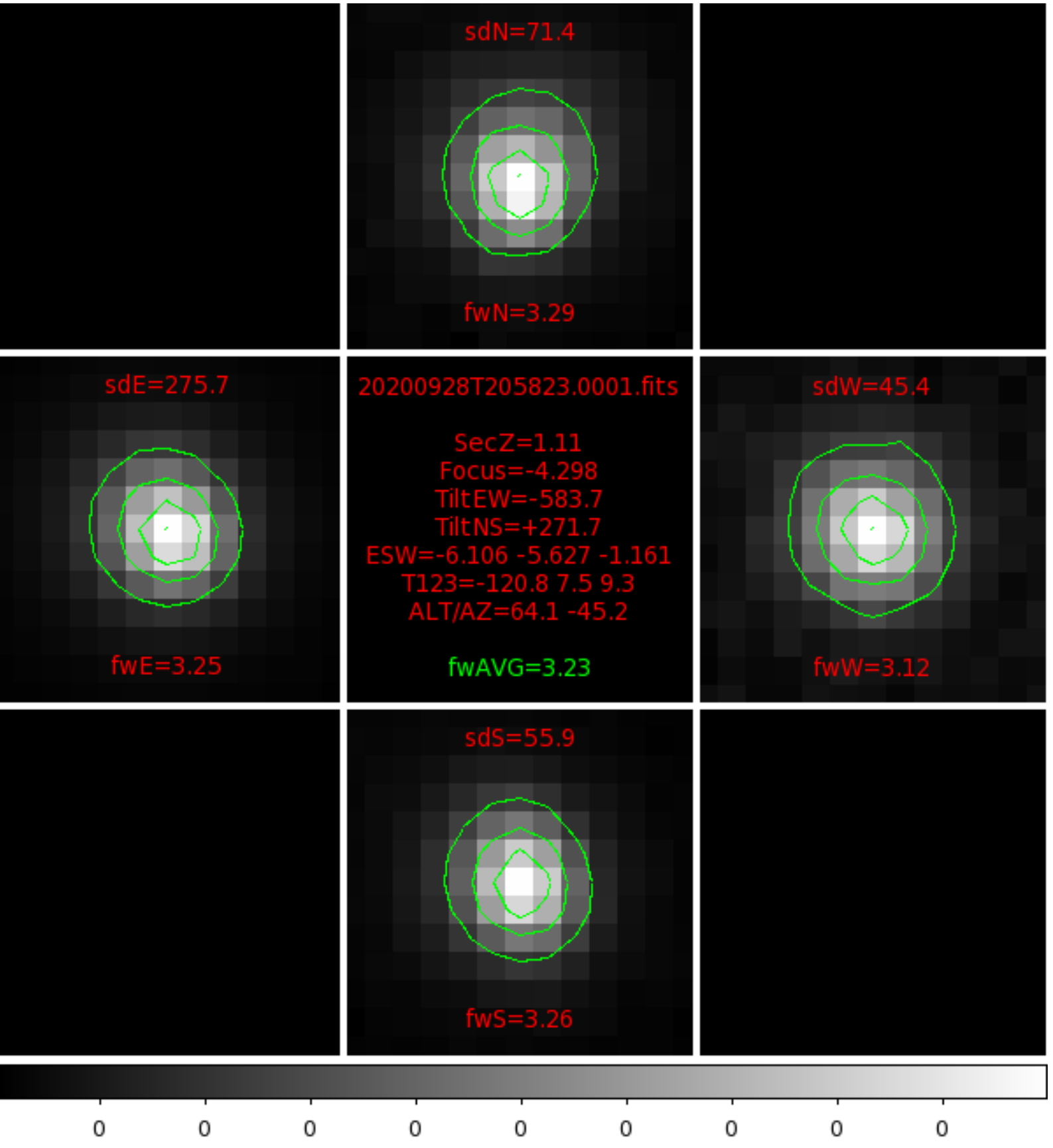

sdN=52.6
fwN=3.39
sdE=267.0
fwE=3.27
20200928T205757.0001.fits
SecZ=1.11
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.8 7.5 9.3
ALT/AZ=64.2 -45.1
fwAVG=3.20
sdW=29.5
fwW=3.17
sdS=37.7
fwS=2.98
0 0 0 0 0 0 0 0 0


sdN=71.4
fwN=3.29
sdE=275.7
fwE=3.25
20200928T205823.0001.fits
SecZ=1.11
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.8 7.5 9.3
ALT/AZ=64.1 -45.2
fwAVG=3.23
sdW=45.4
fwW=3.12
sdS=55.9
fwS=3.26
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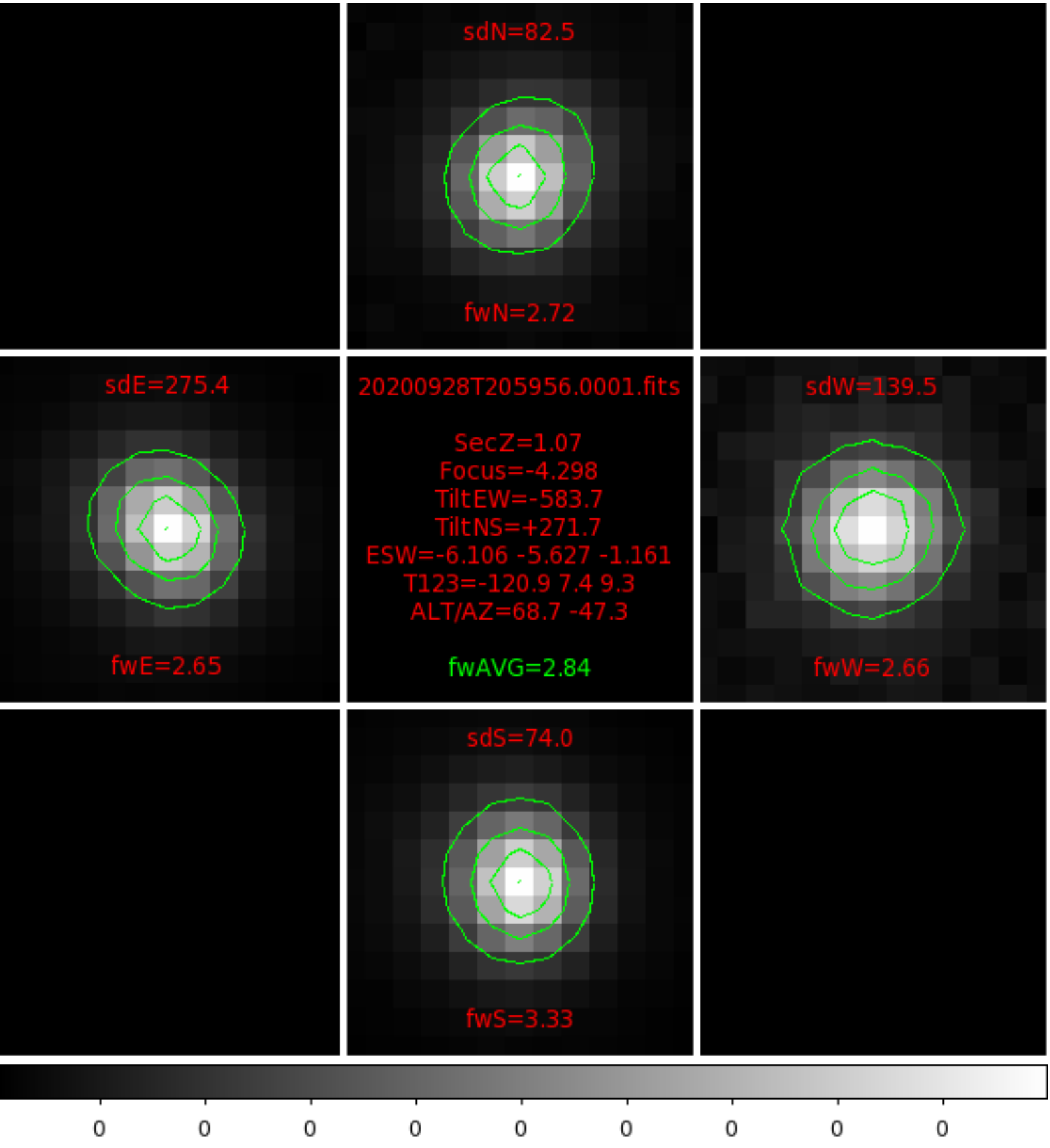
sdN=82.5
fwN=2.72
sdE=275.4
fwE=2.65
20200928T205956.0001.fits
SecZ=1.07
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.9 7.4 9.3
ALT/AZ=68.7 -47.3
fwAVG=2.84
sdW=139.5
fwW=2.66
sdS=74.0
fwS=3.33
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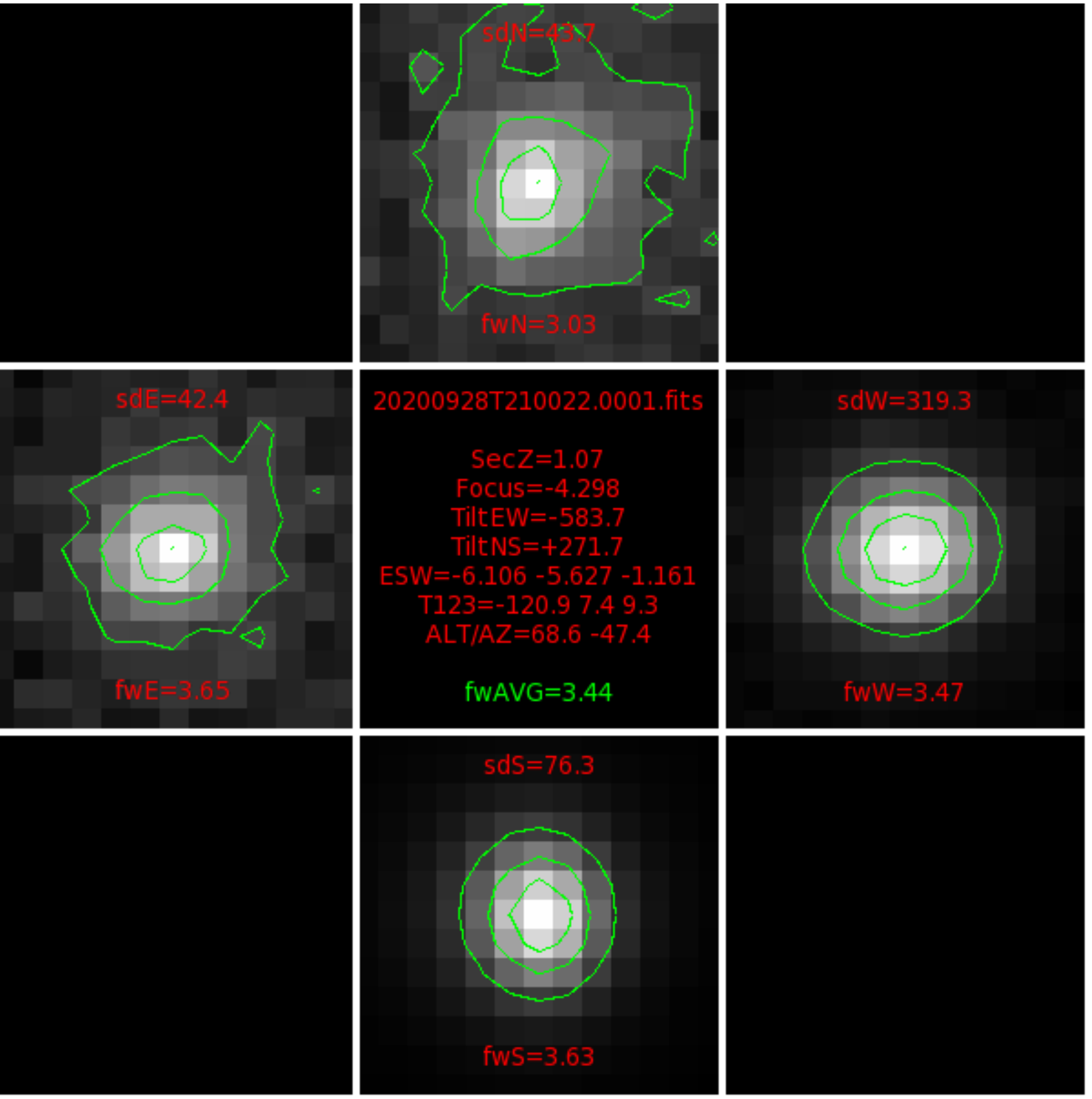
sdN=43.7
fwN=3.03
sdE=42.4
fwE=3.65
20200928T210022.0001.fits
SecZ=1.07
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.9 7.4 9.3
ALT/AZ=68.6 -47.4
fwAVG=3.44
sdW=319.3
fwW=3.47
sdS=76.3
fwS=3.63
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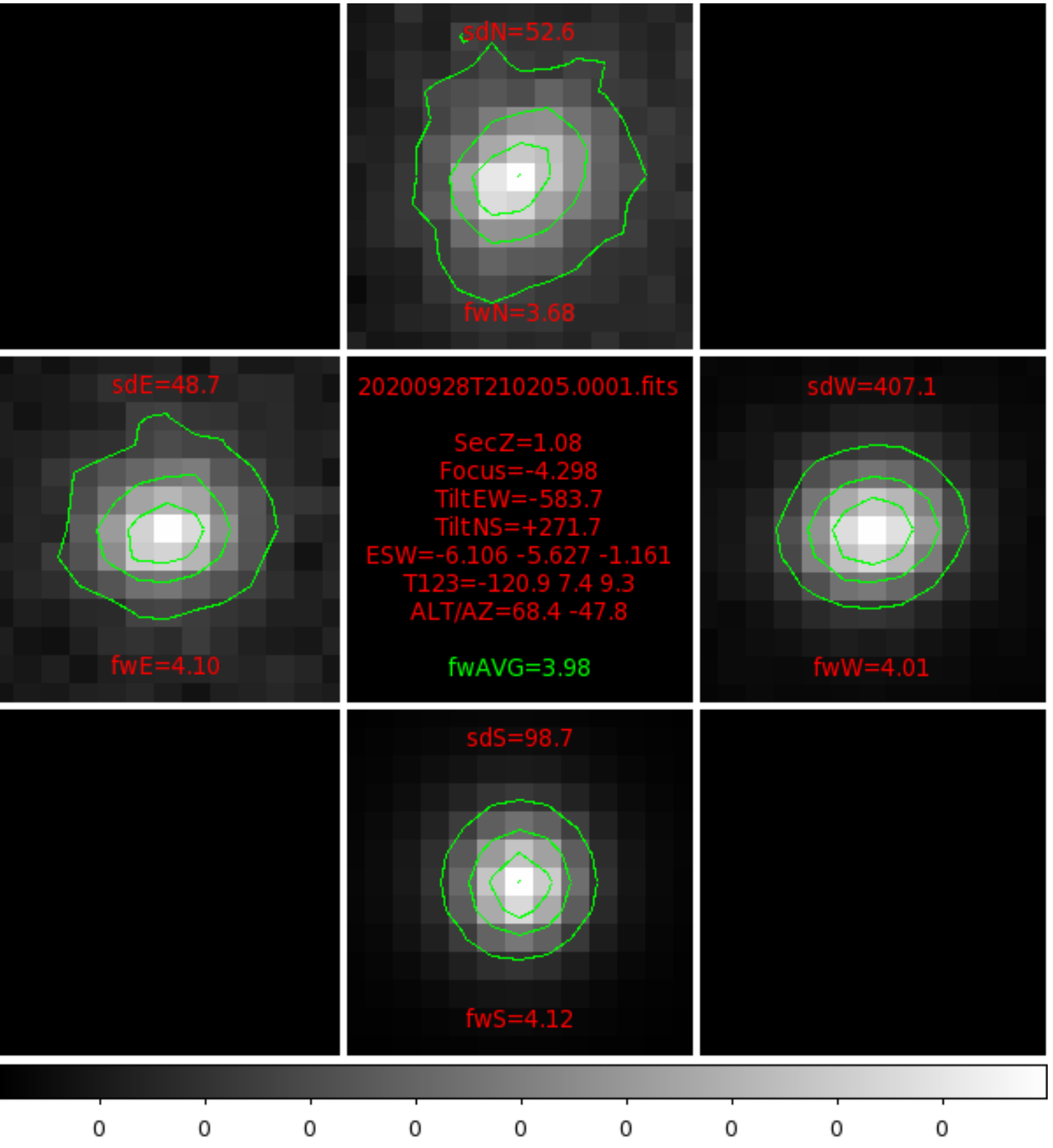
sdN=52.6
fwN=3.68
sdE=48.7
fwE=4.10
20200928T210205.0001.fits
SecZ=1.08
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.9 7.4 9.3
ALT/AZ=68.4 -47.8
fwAVG=3.98
sdW=407.1
fwW=4.01
sdS=98.7
fwS=4.12
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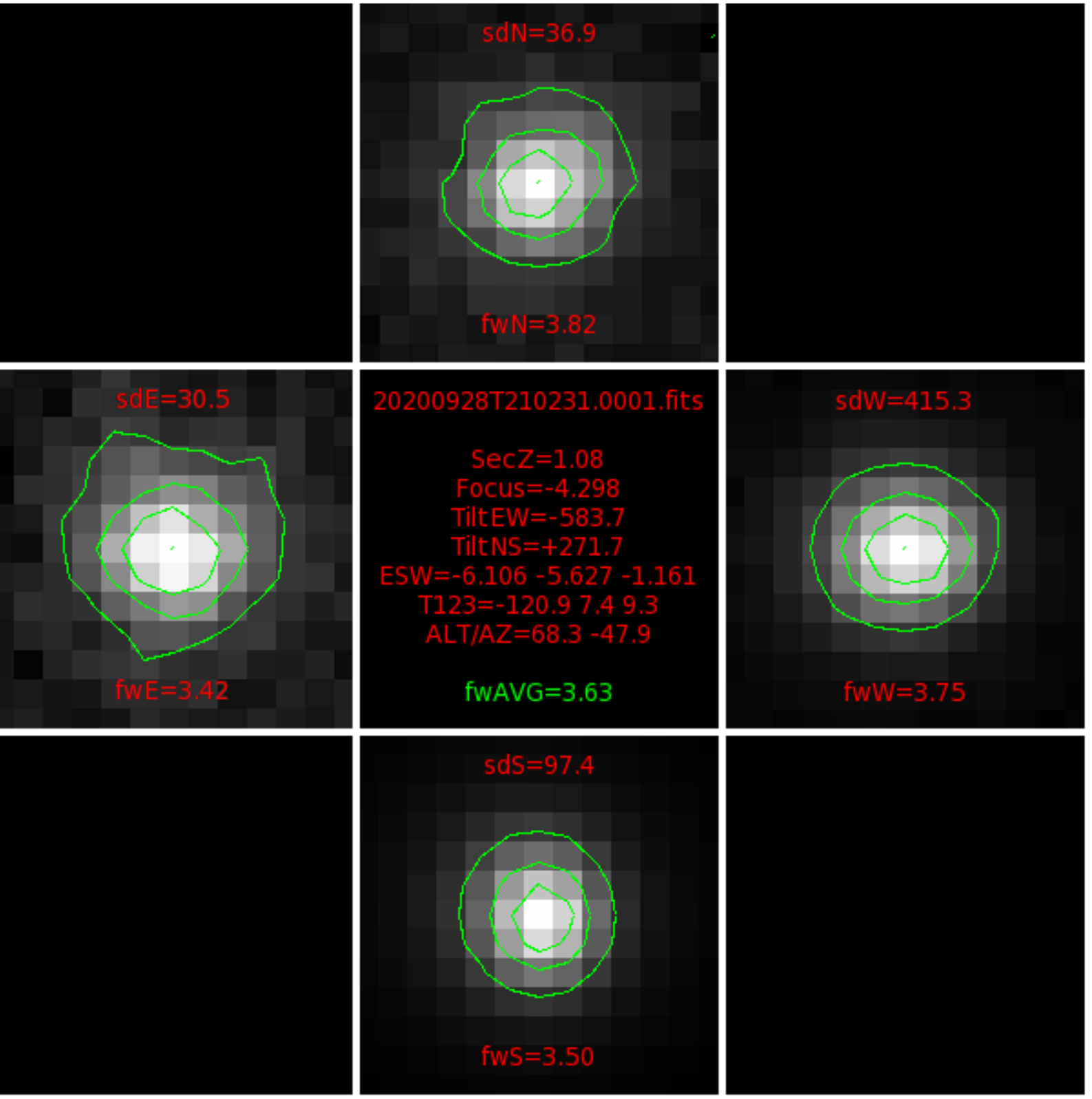
sdN=36.9
fwN=3.82
sdE=30.5
fwE=3.42
20200928T210231.0001.fits
SecZ=1.08
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-120.9 7.4 9.3
ALT/AZ=68.3 -47.9
fwAVG=3.63
sdW=415.3
fwW=3.75
sdS=97.4
fwS=3.50
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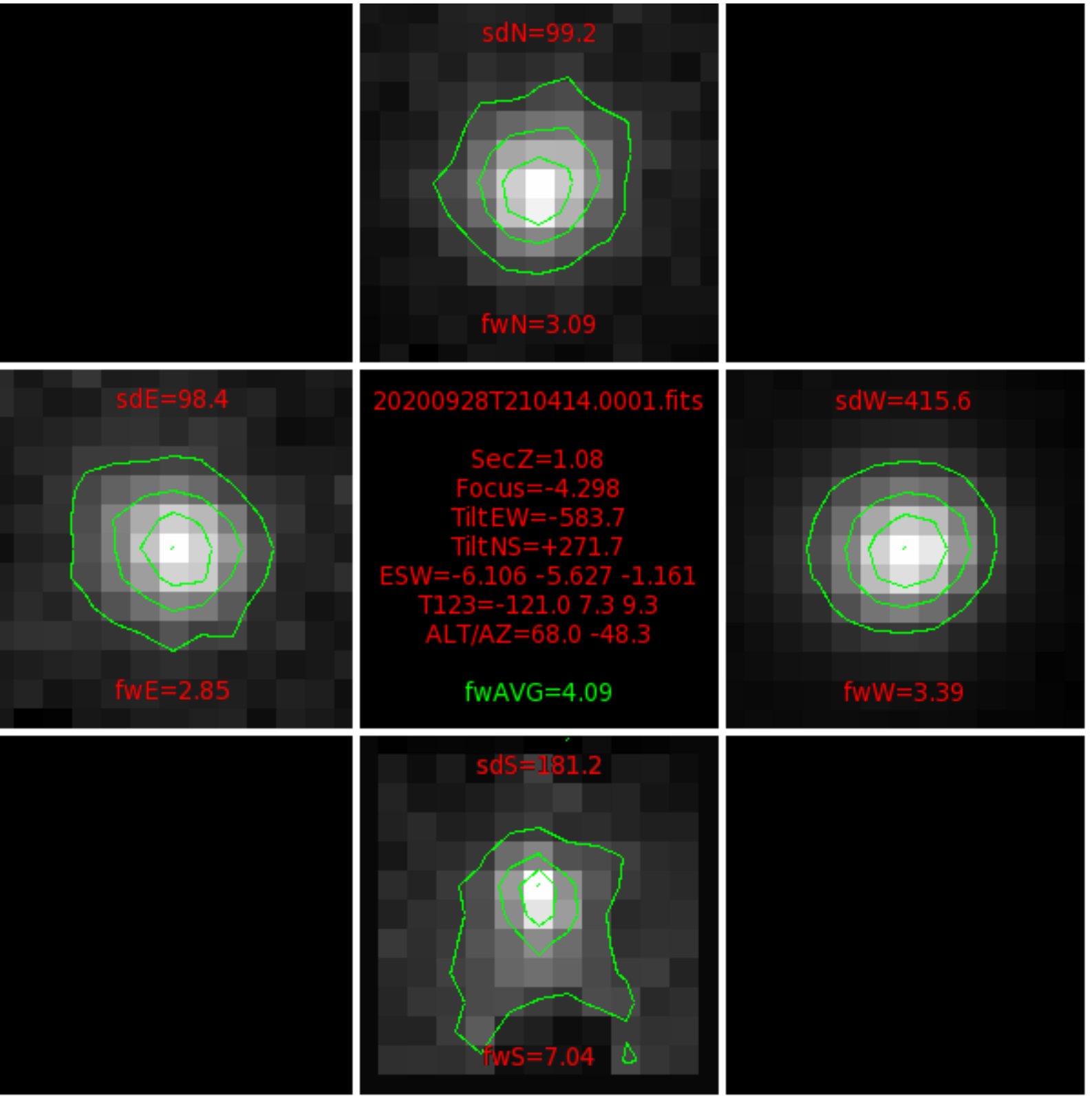
sdN=99.2
fwN=3.09
sdE=98.4
fwE=2.85
20200928T210414.0001.fits
SecZ=1.08
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-121.0 7.3 9.3
ALT/AZ=68.0 -48.3
fwAVG=4.09
sdW=415.6
fwW=3.39
sdS=181.2
fwS=7.04
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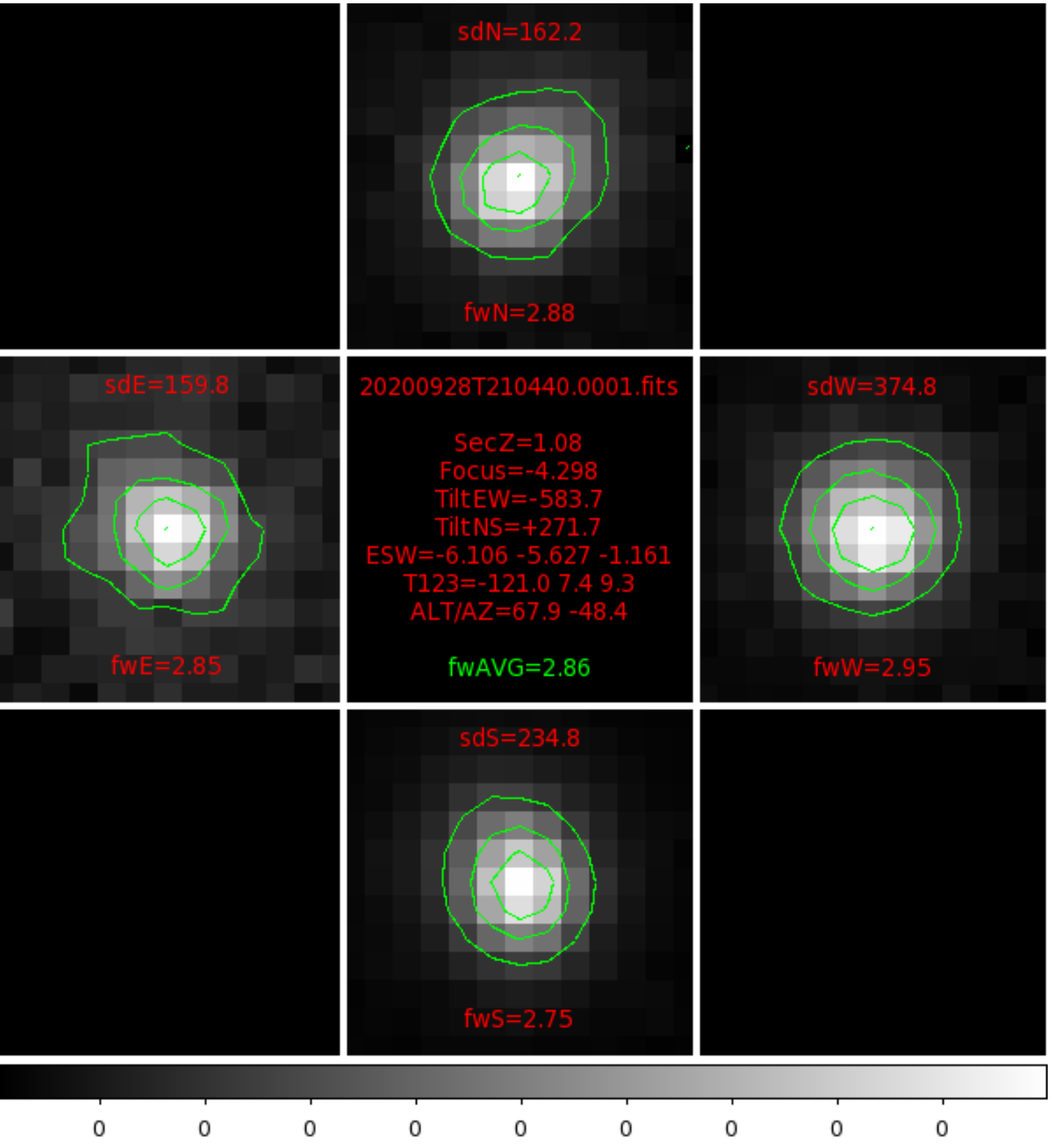
sdN=162.2
fwN=2.88
sdE=159.8
fwE=2.85
20200928T210440.0001.fits
SecZ=1.08
Focus=-4.298
TiltEW=-583.7
TiltNS=+271.7
ESW=-6.106 -5.627 -1.161
T123=-121.0 7.4 9.3
ALT/AZ=67.9 -48.4
fwAVG=2.86
sdW=374.8
fwW=2.95
sdS=234.8
fwS=2.75
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