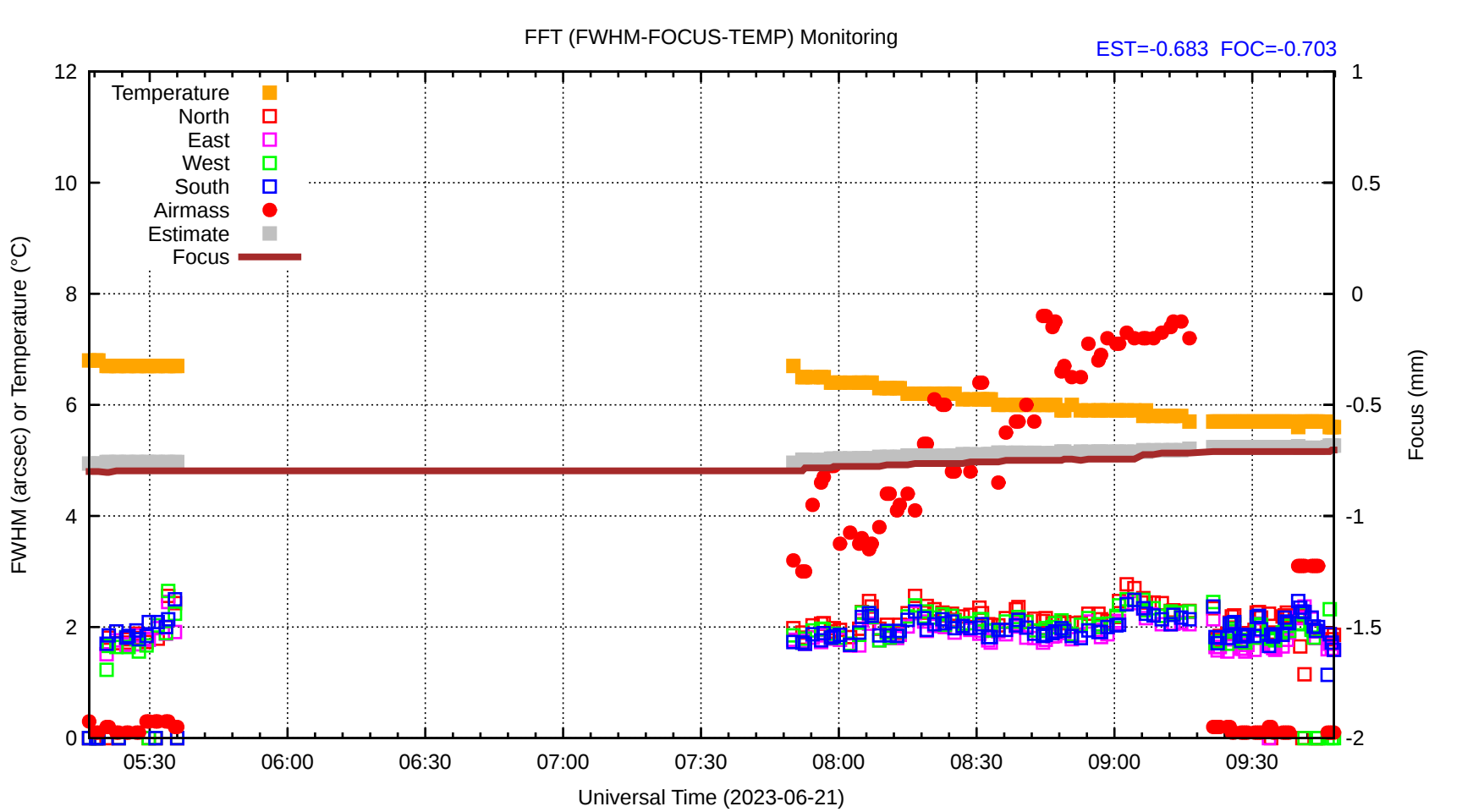
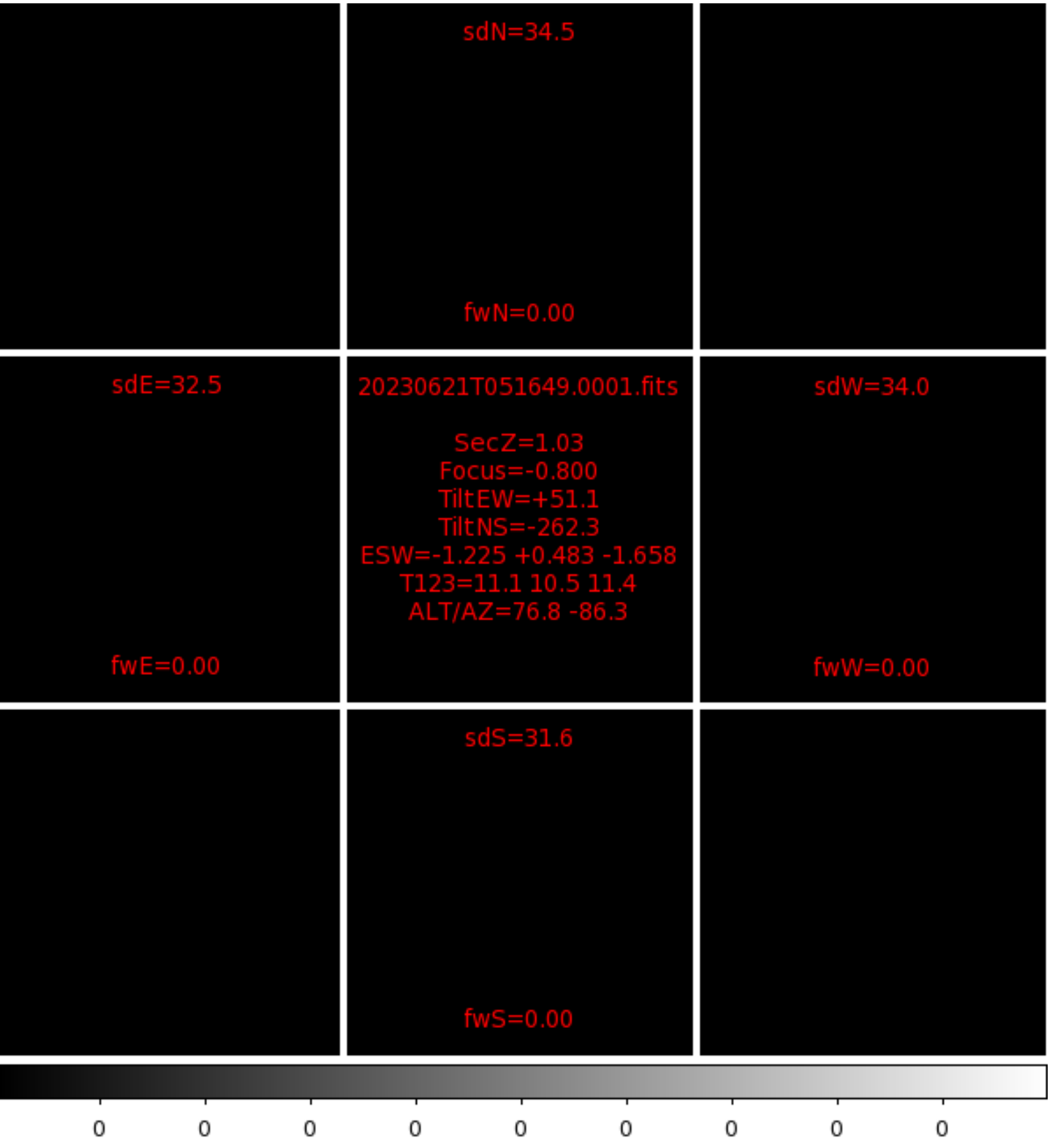
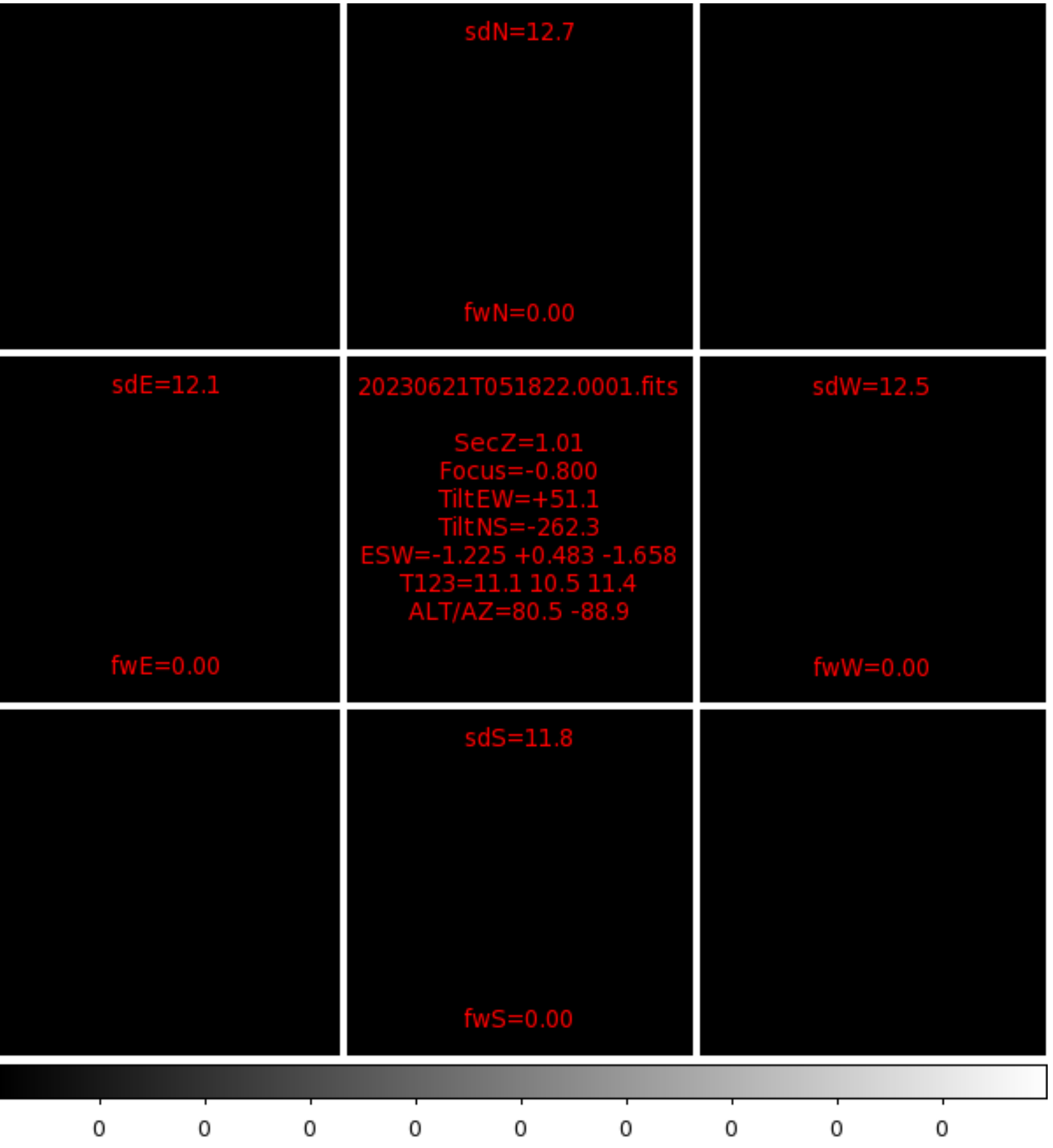
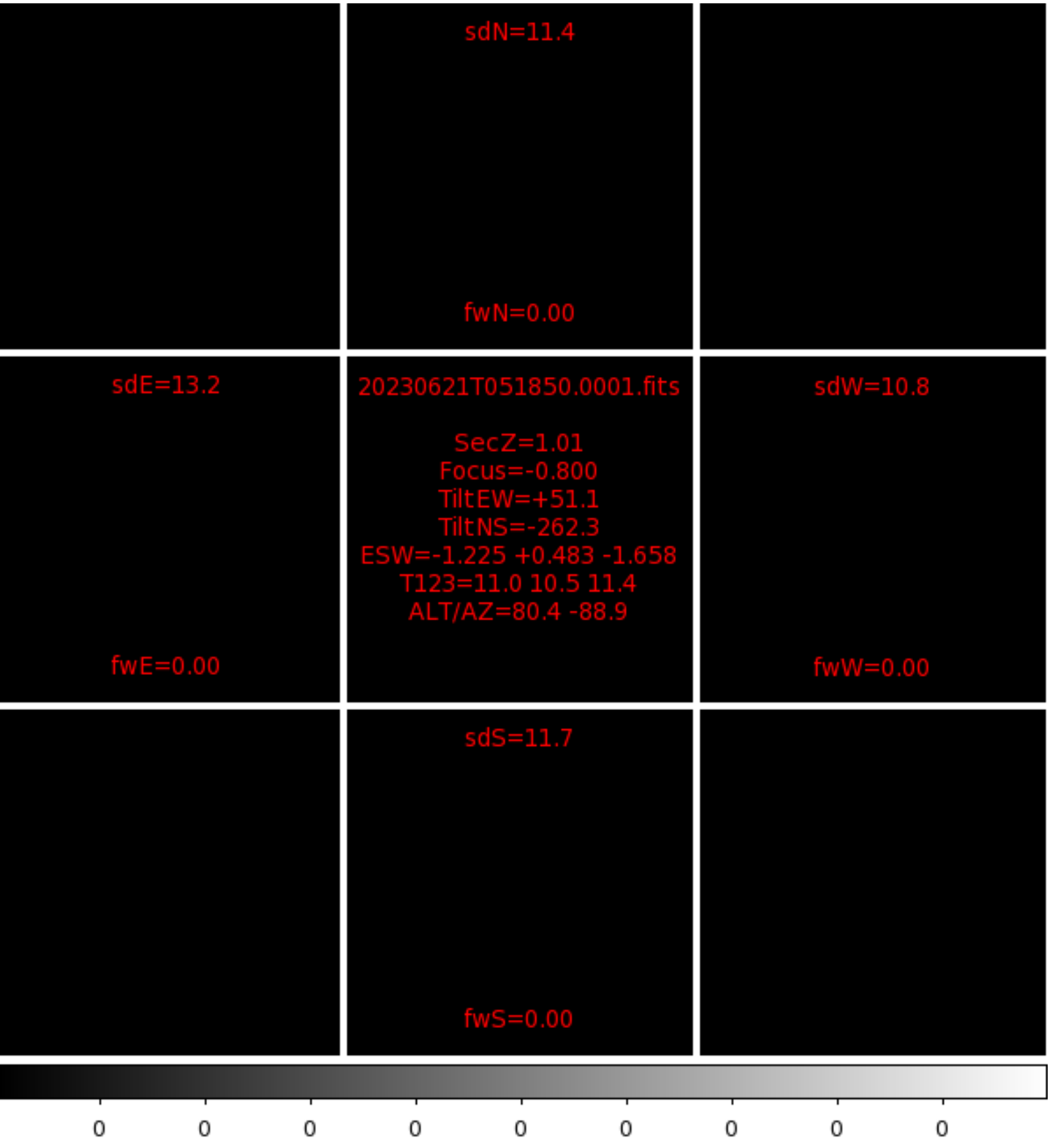
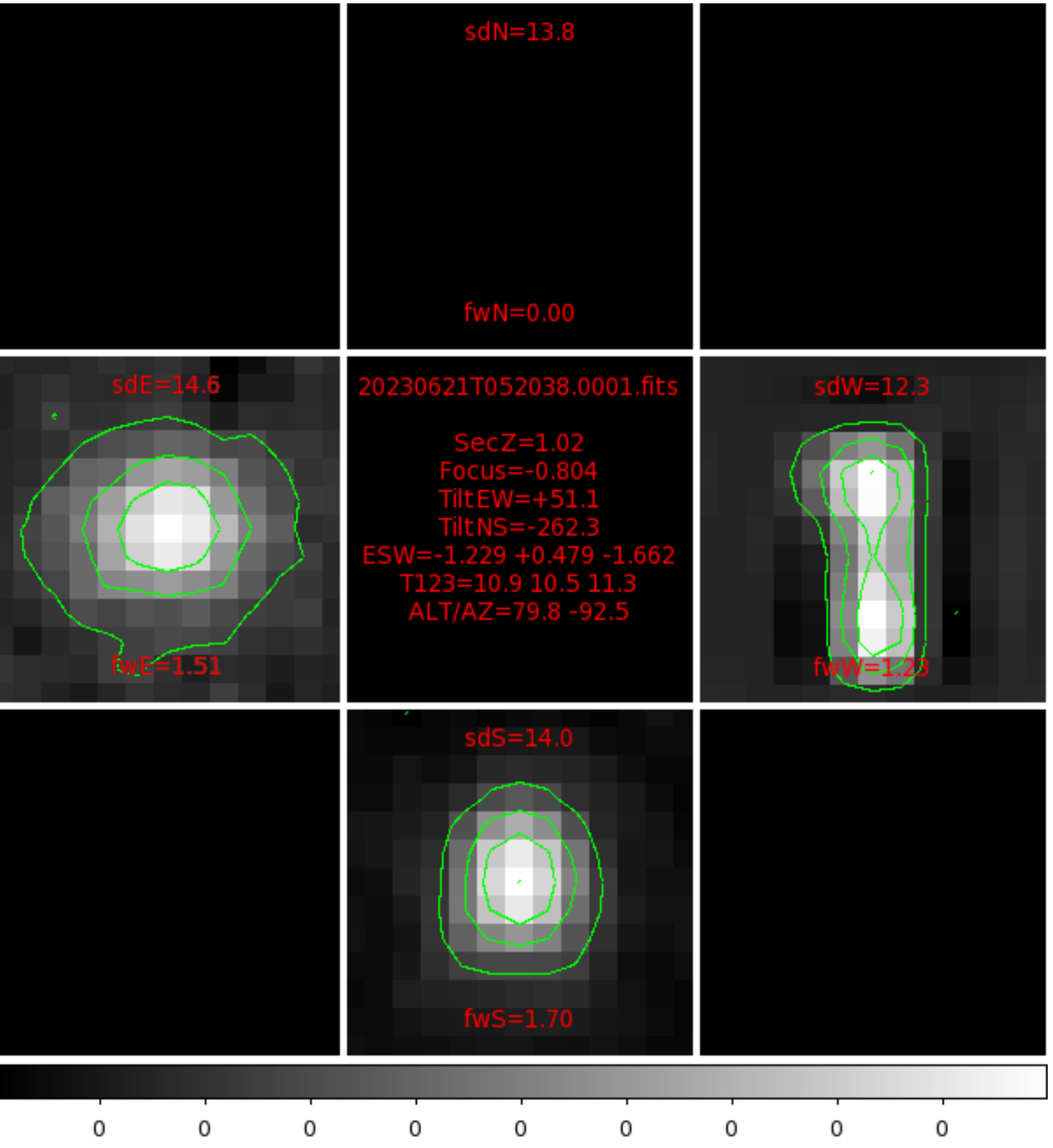
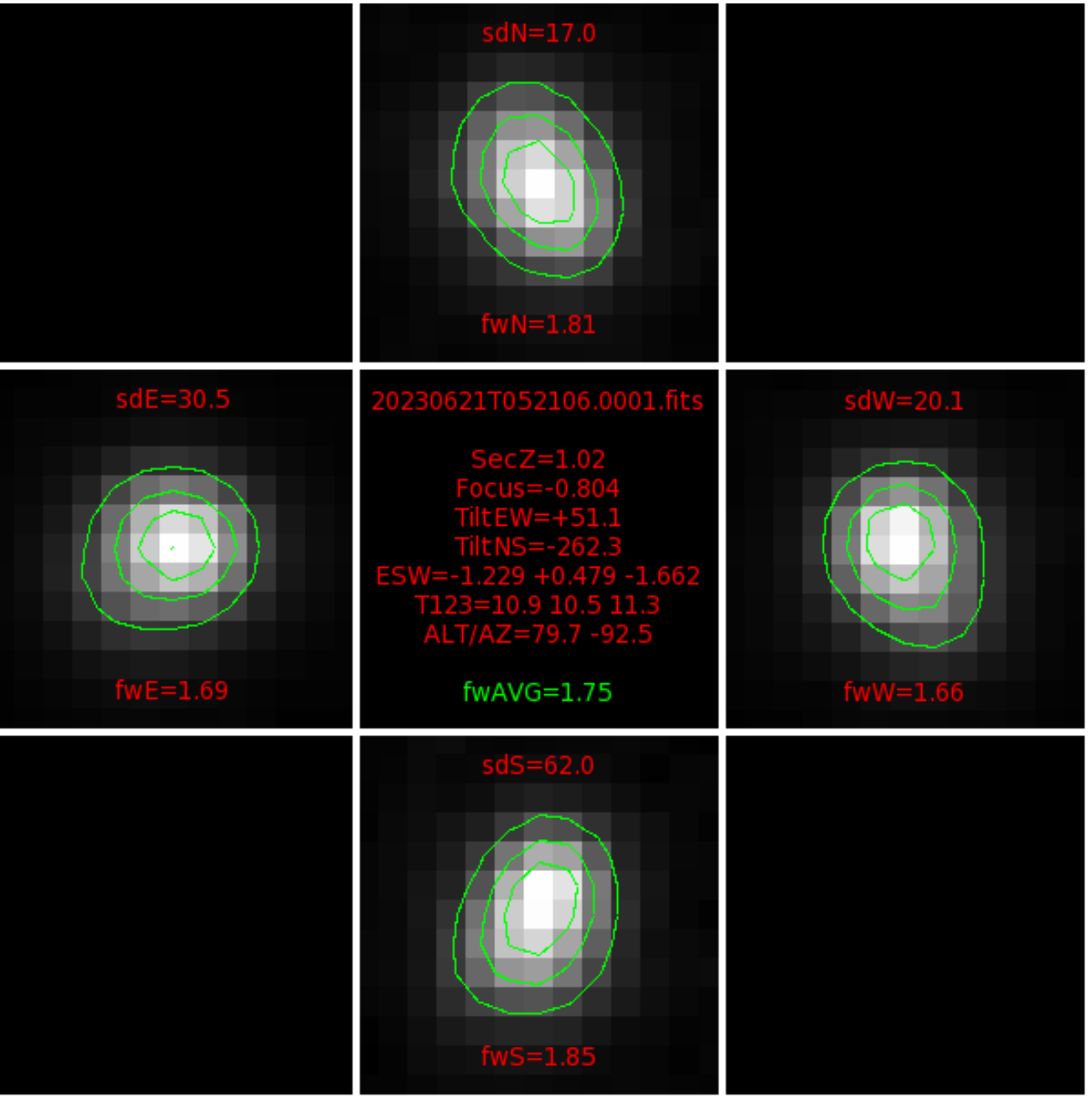

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-0.683 FOC=-0.703
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2023-06-21)
12
10
8
6
4
2
0
1
0.5
0
-0.5
-1
-1.5
-2
05:30
06:00
06:30
07:00
07:30
08:00
08:30
09:00
09:30


sdN=34.5
fwN=0.00
sdE=32.5
fwE=0.00
20230621T051649.0001.fits
SecZ=1.03
Focus=-0.800
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.225 +0.483 -1.658
T123=11.1 10.5 11.4
ALT/AZ=76.8 -86.3
sdW=34.0
fwW=0.00
sdS=31.6
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=12.7
fwN=0.00
sdE=12.1
20230621T051822.0001.fits
SecZ=1.01
Focus=-0.800
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.225 +0.483 -1.658
T123=11.1 10.5 11.4
ALT/AZ=80.5 -88.9
sdW=12.5
fwE=0.00
fwW=0.00
sdS=11.8
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=11.4
fwN=0.00
sdE=13.2
fwE=0.00
20230621T051850.0001.fits
SecZ=1.01
Focus=-0.800
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.225 +0.483 -1.658
T123=11.0 10.5 11.4
ALT/AZ=80.4 -88.9
sdW=10.8
fwW=0.00
sdS=11.7
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=13.8
fwN=0.00
sdE=14.6
fwE=1.51
20230621T052038.0001.fits
SecZ=1.02
Focus=-0.804
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.229 +0.479 -1.662
T123=10.9 10.5 11.3
ALT/AZ=79.8 -92.5
sdW=12.3
fwW=1.23
sdS=14.0
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=17.0
fwN=1.81
sdE=30.5
fwE=1.69
20230621T052106.0001.fits
SecZ=1.02
Focus=-0.804
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.229 +0.479 -1.662
T123=10.9 10.5 11.3
ALT/AZ=79.7 -92.5
fwAVG=1.75
sdW=20.1
fwW=1.66
sdS=62.0
fwS=1.85
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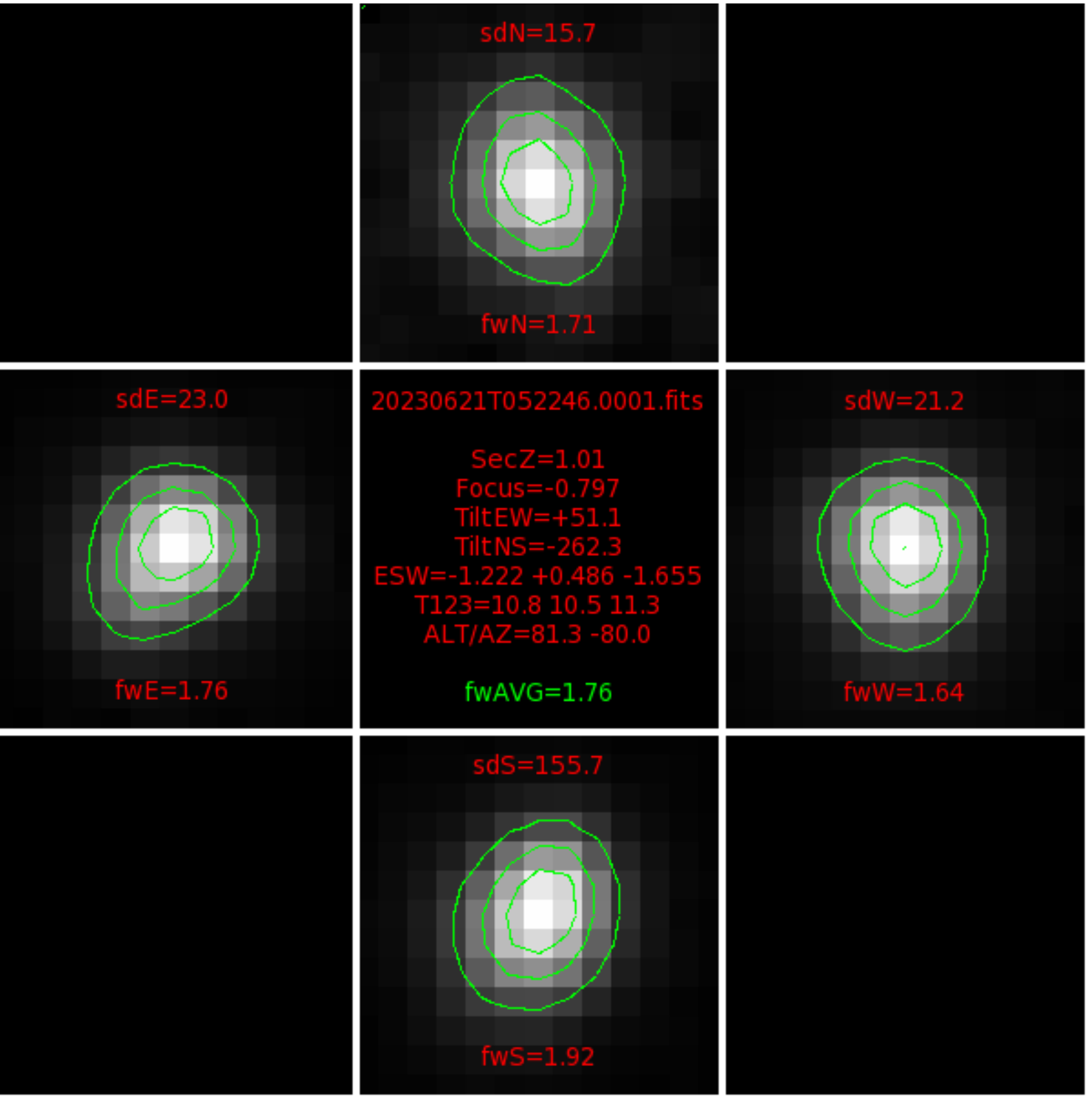
sdN=15.7
fwN=1.71
sdE=23.0
fwE=1.76
20230621T052246.0001.fits
SecZ=1.01
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.8 10.5 11.3
ALT/AZ=81.3 -80.0
fwAVG=1.76
sdW=21.2
fwW=1.64
sdS=155.7
fwS=1.92
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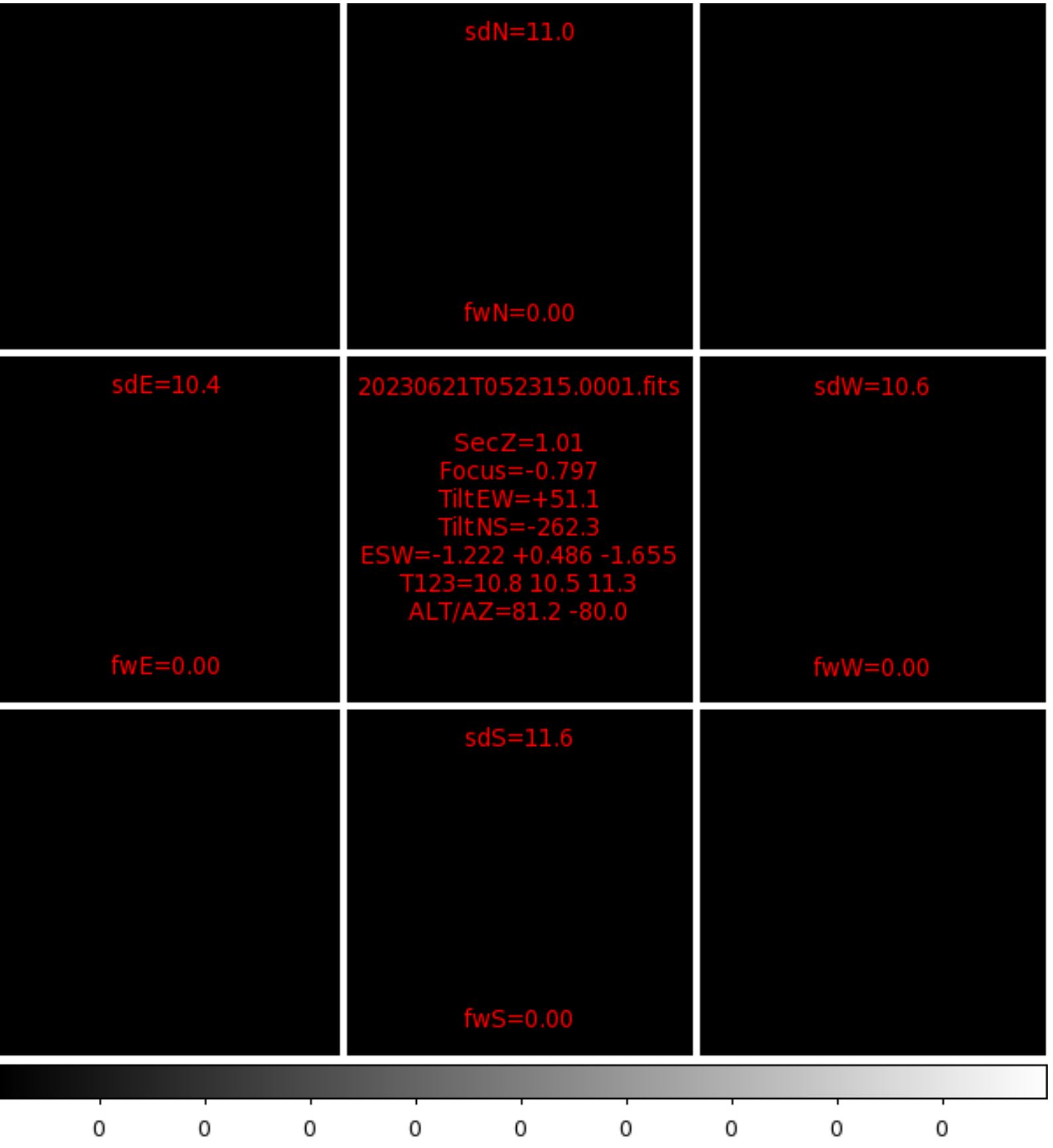
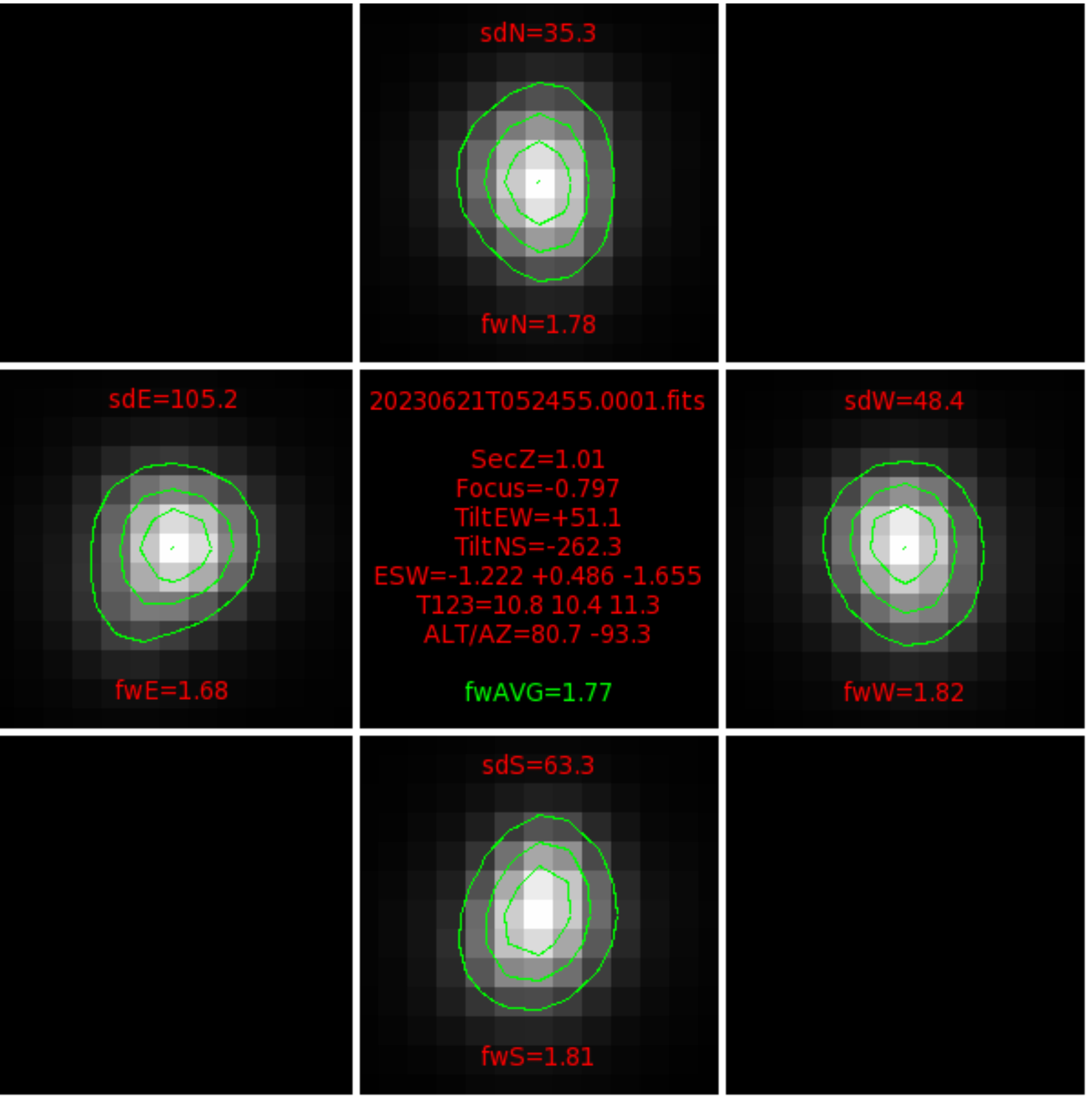
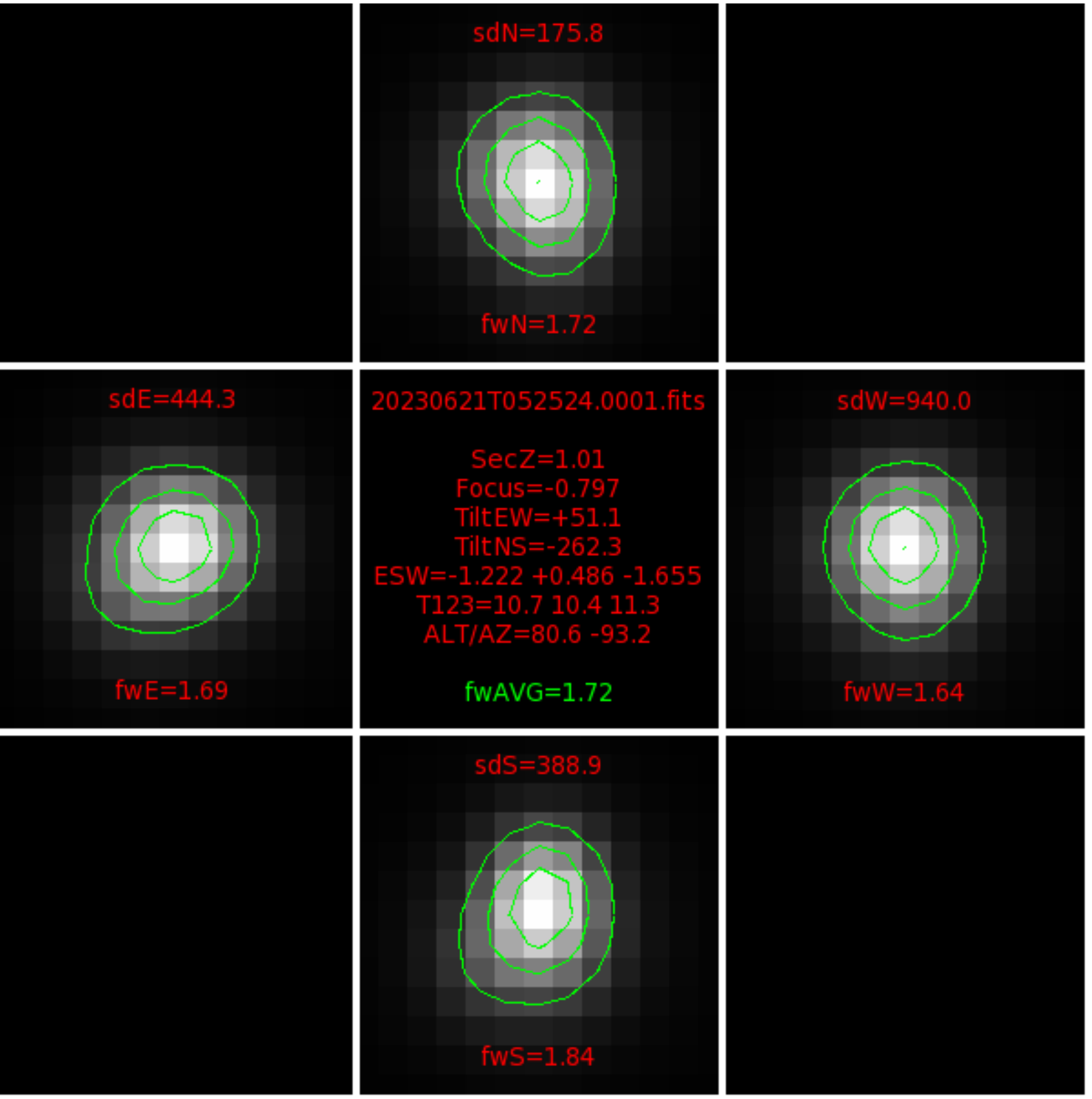

sdN=11.0
fwN=0.00
sdE=10.4
20230621T052315.0001.fits
SecZ=1.01
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.8 10.5 11.3
ALT/AZ=81.2 -80.0
sdW=10.6
fwE=0.00
fwW=0.00
sdS=11.6
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=35.3
fwN=1.78
sdE=105.2
fwE=1.68
20230621T052455.0001.fits
SecZ=1.01
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.8 10.4 11.3
ALT/AZ=80.7 -93.3
fwAVG=1.77
sdW=48.4
fwW=1.82
sdS=63.3
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=175.8
fwN=1.72
sdE=444.3
fwE=1.69
20230621T052524.0001.fits
SecZ=1.01
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.7 10.4 11.3
ALT/AZ=80.6 -93.2
fwAVG=1.72
sdW=940.0
fwW=1.64
sdS=388.9
fwS=1.84
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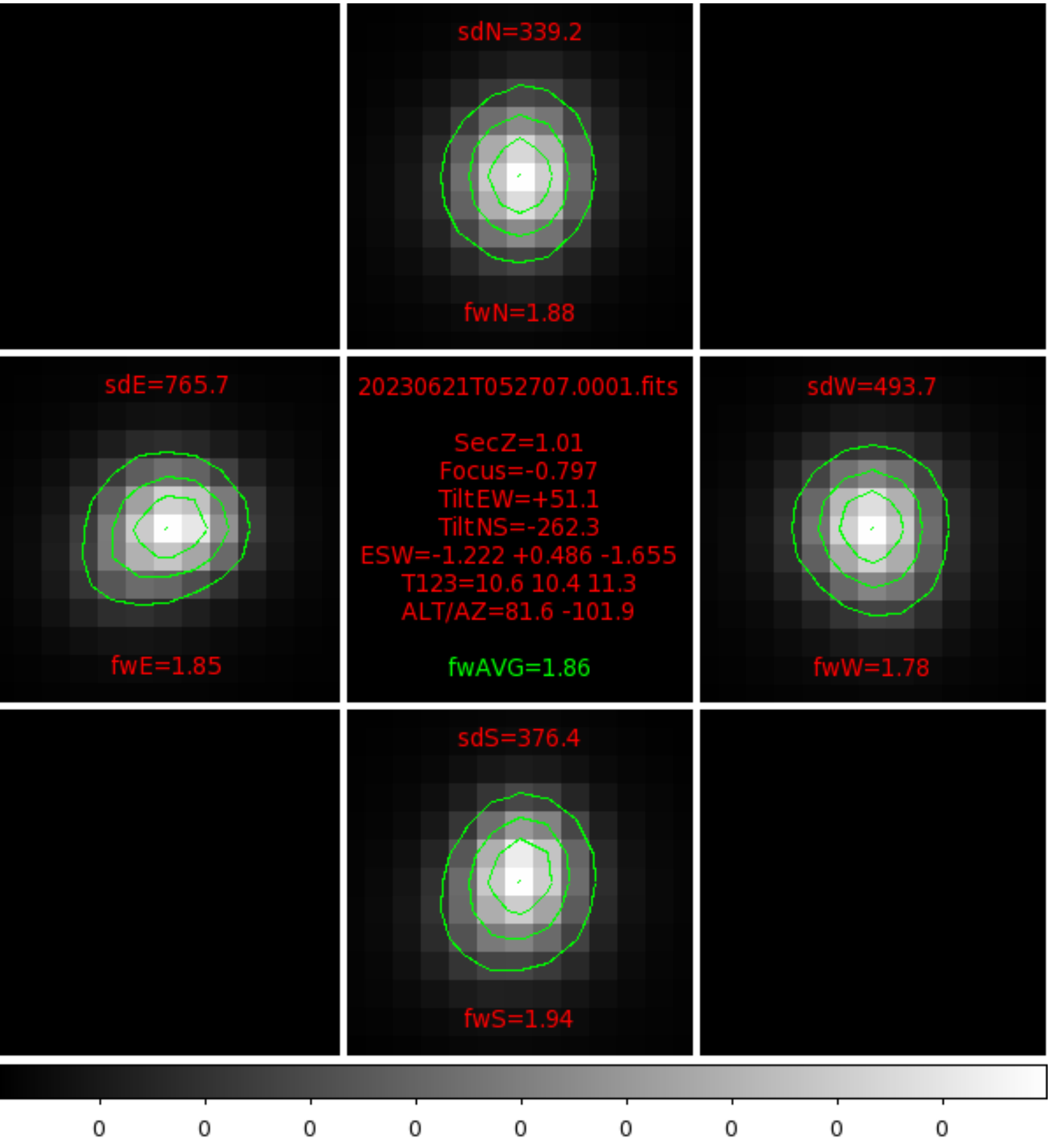
sdN=339.2
fwN=1.88
sdE=765.7
fwE=1.85
20230621T052707.0001.fits
SecZ=1.01
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.6 10.4 11.3
ALT/AZ=81.6 -101.9
fwAVG=1.86
sdW=493.7
fwW=1.78
sdS=376.4
fwS=1.94
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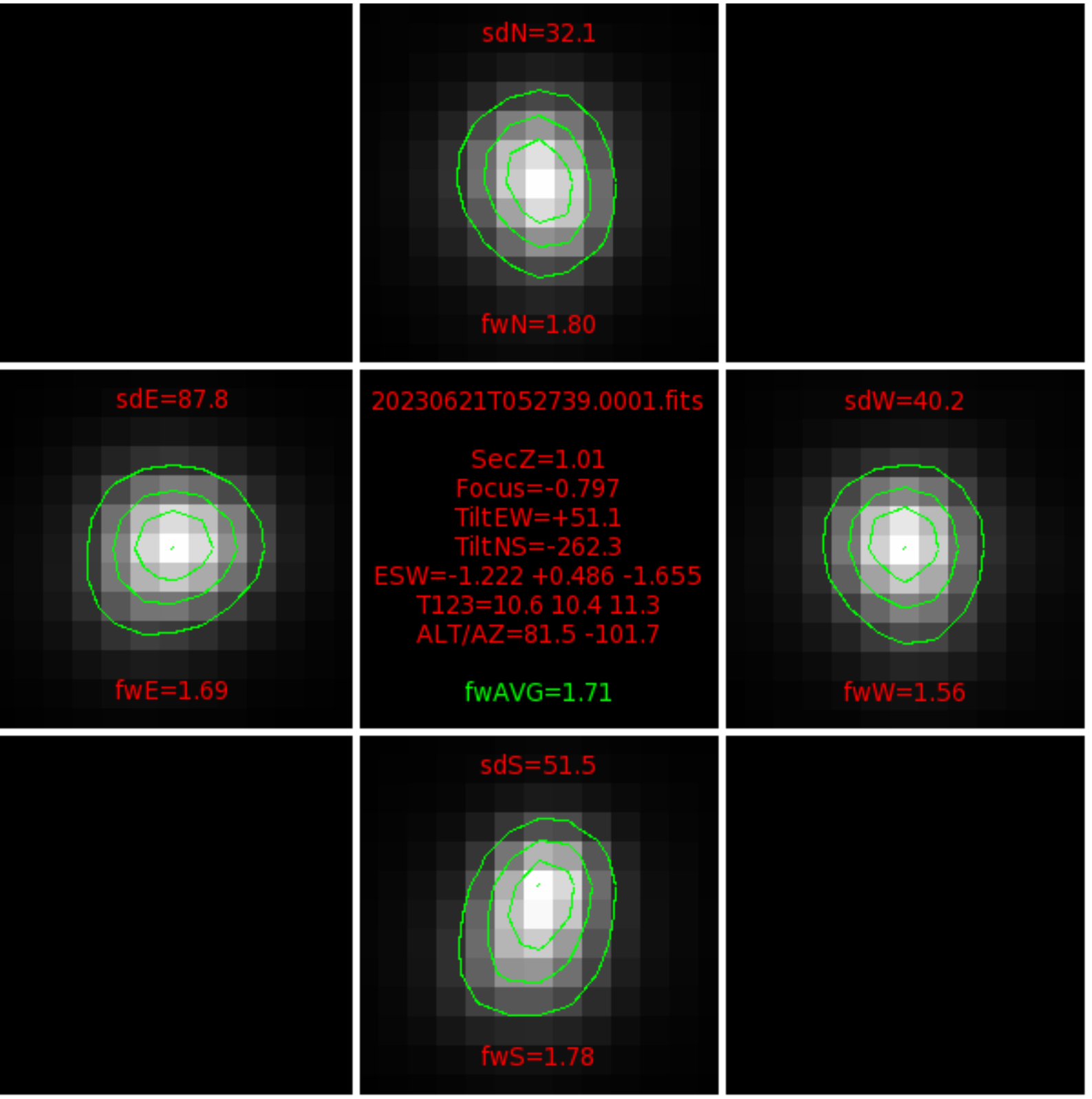
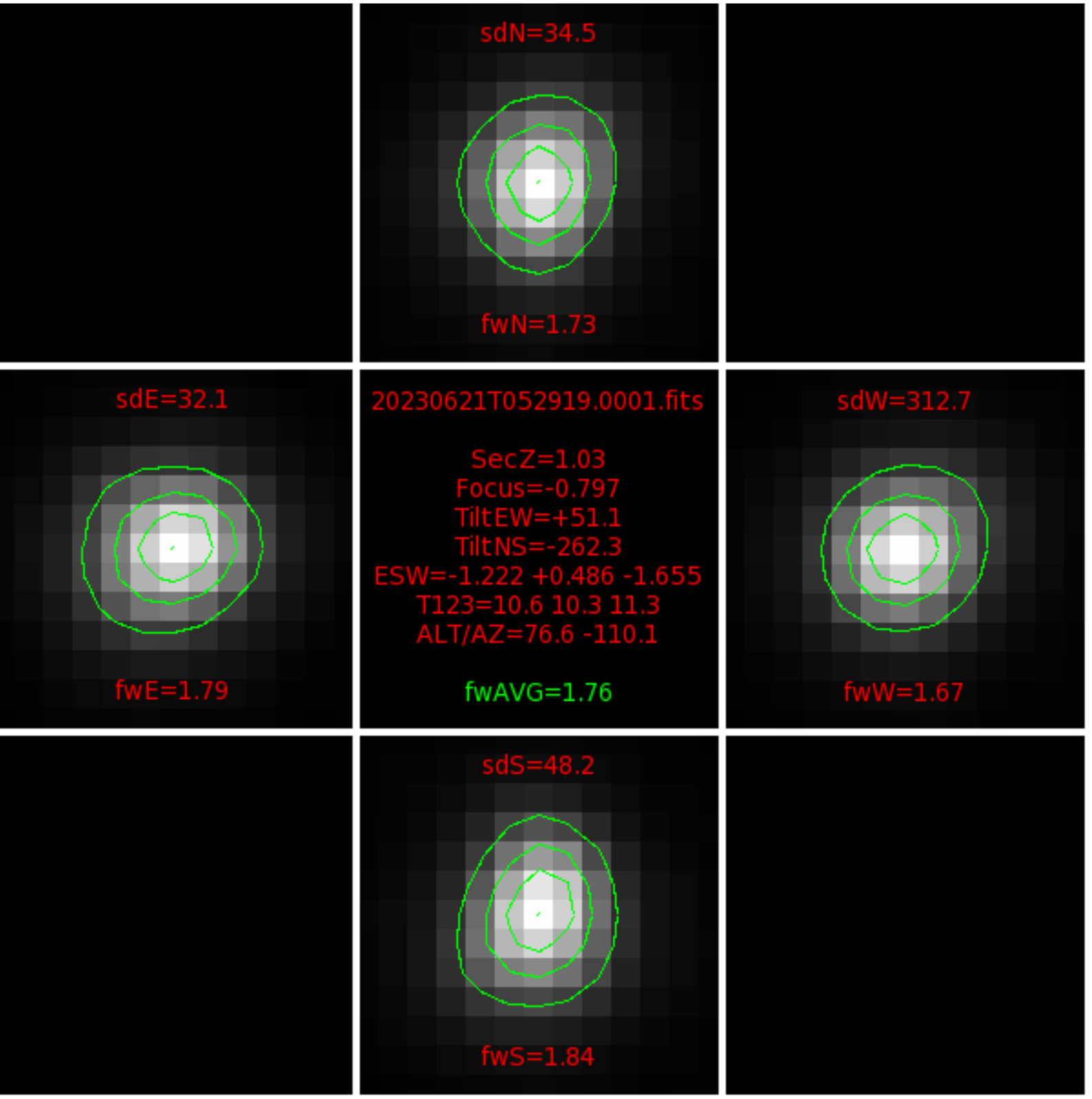
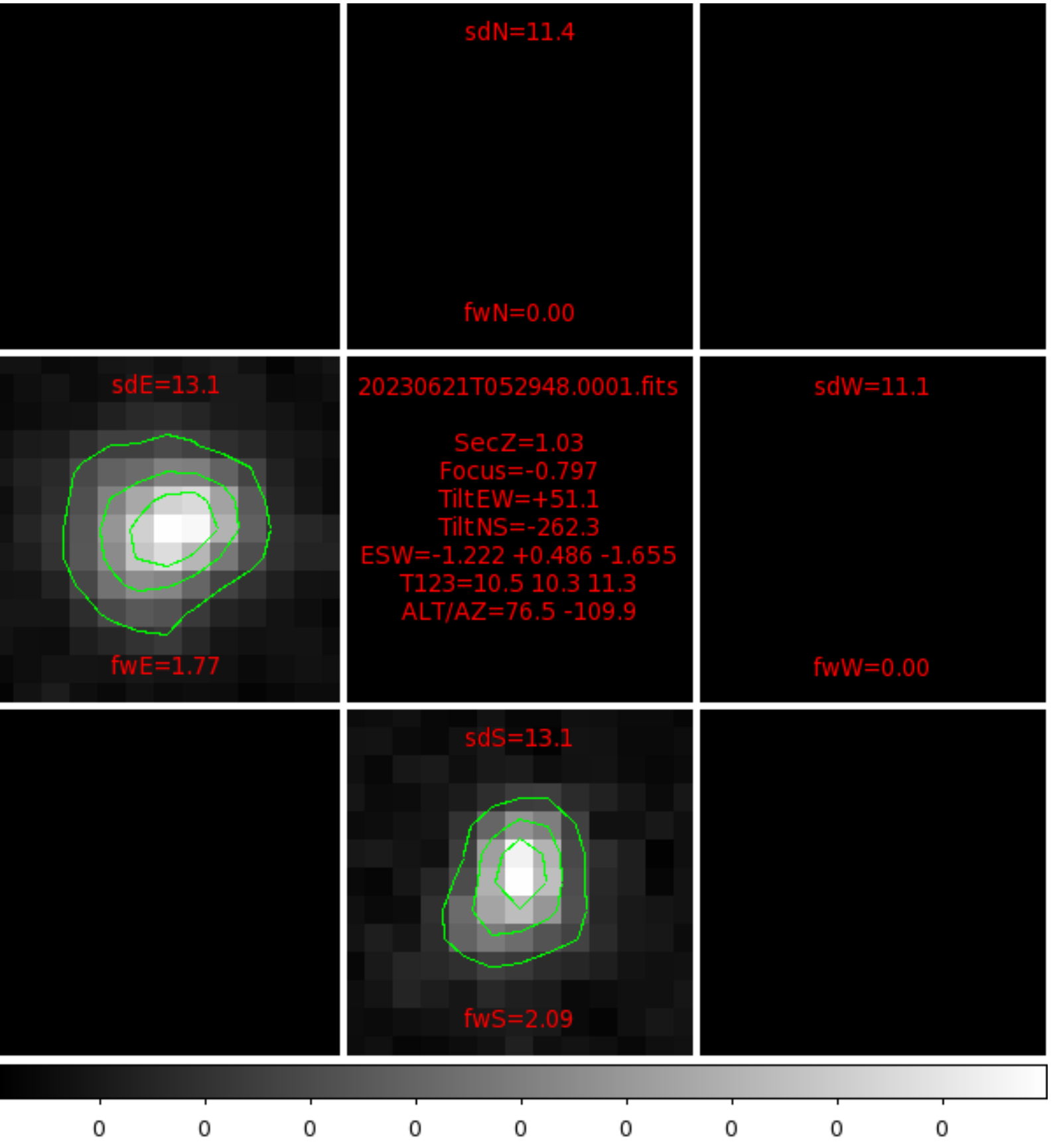
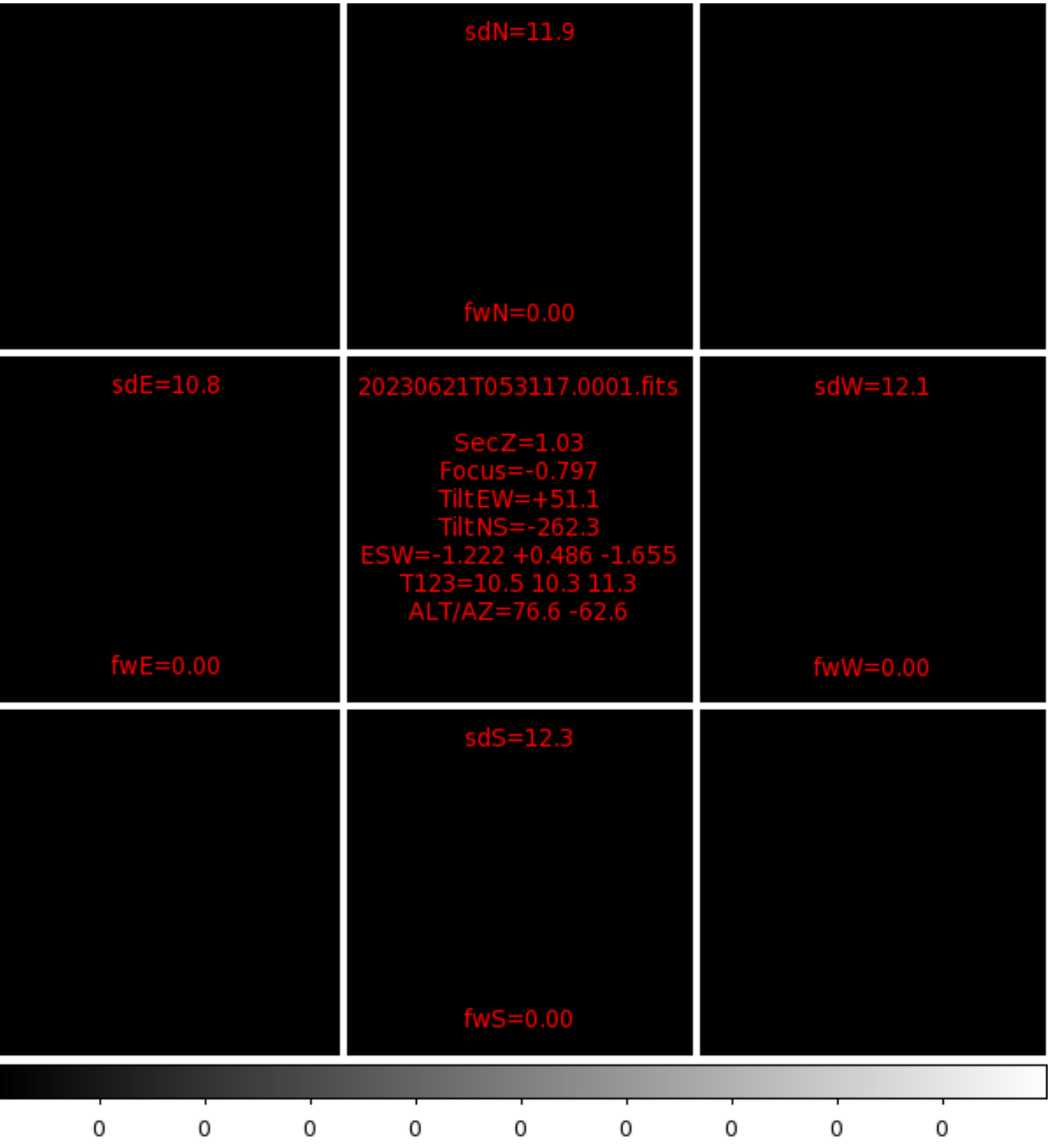
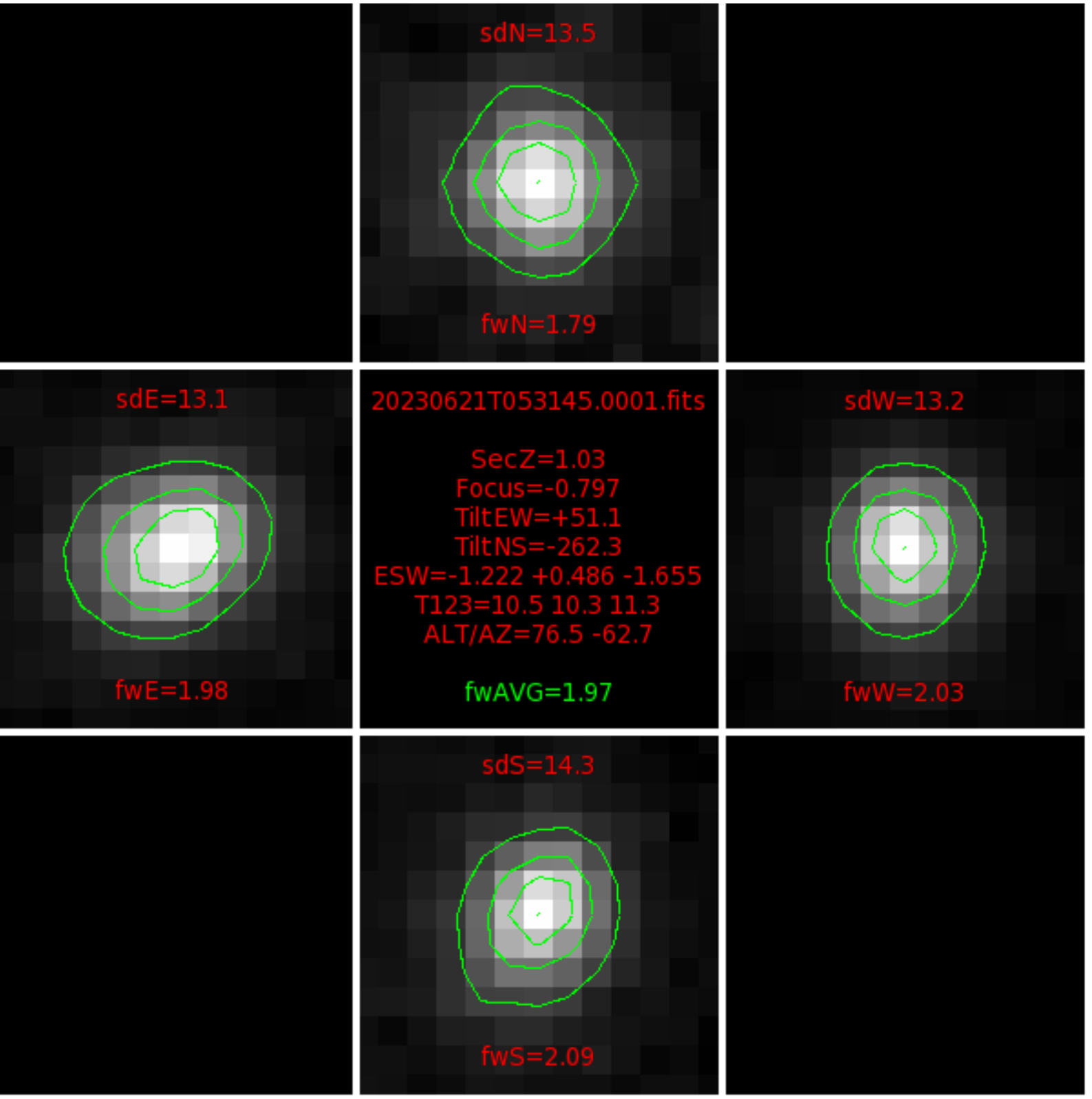
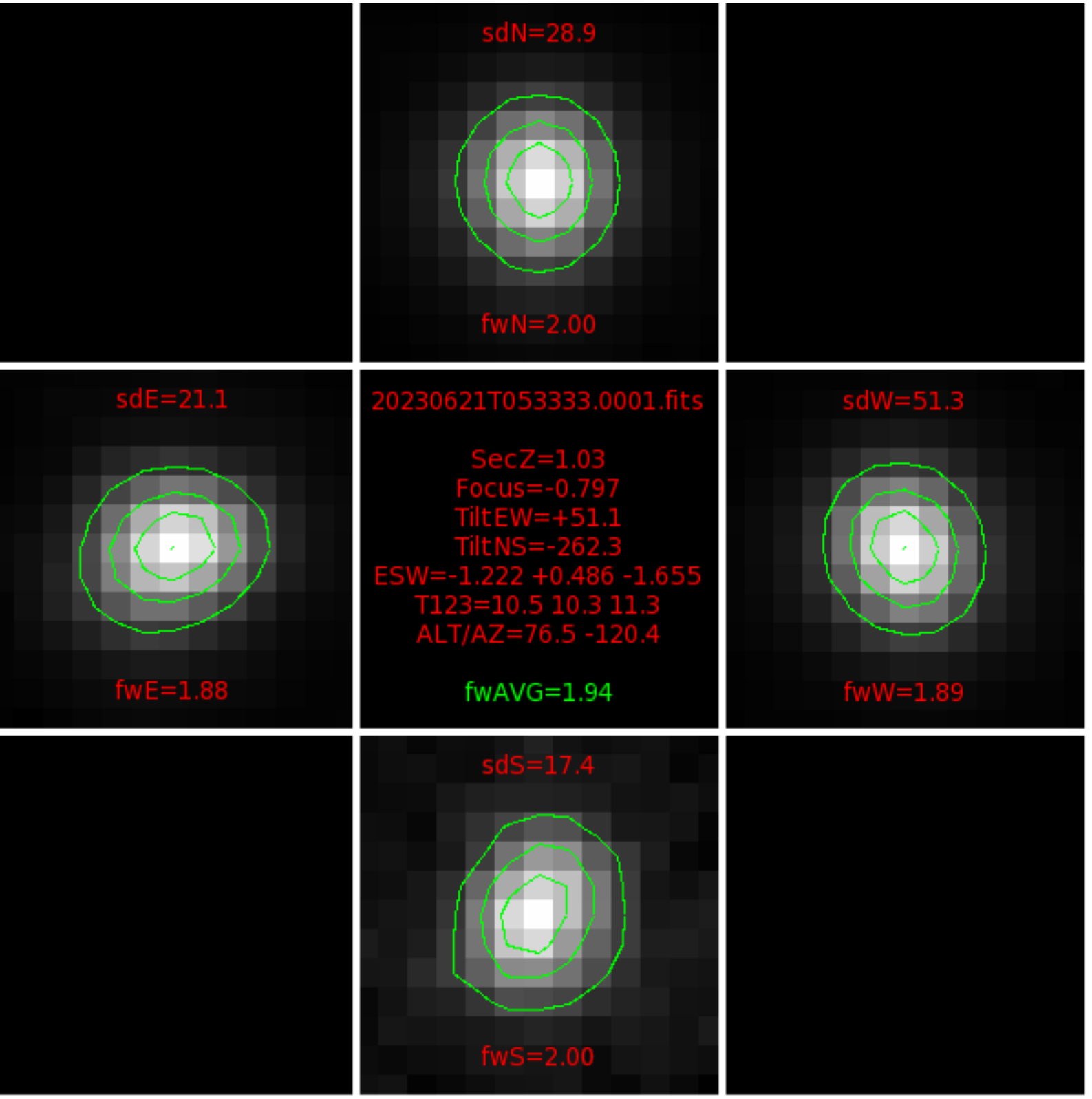

sdN=32.1
fwN=1.80
sdE=87.8
fwE=1.69
20230621T052739.0001.fits
SecZ=1.01
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.6 10.4 11.3
ALT/AZ=81.5 -101.7
fwAVG=1.71
sdW=40.2
fwW=1.56
sdS=51.5
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=34.5
fwN=1.73
sdE=32.1
fwE=1.79
20230621T052919.0001.fits
SecZ=1.03
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.6 10.3 11.3
ALT/AZ=76.6 -110.1
fwAVG=1.76
sdW=312.7
fwW=1.67
sdS=48.2
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=11.4
fwN=0.00
sdE=13.1
fwE=1.77
20230621T052948.0001.fits
SecZ=1.03
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.5 10.3 11.3
ALT/AZ=76.5 -109.9
sdW=11.1
fwW=0.00
sdS=13.1
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=11.9
fwN=0.00
sdE=10.8
20230621T053117.0001.fits
SecZ=1.03
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.5 10.3 11.3
ALT/AZ=76.6 -62.6
sdW=12.1
fwE=0.00
fwW=0.00
sdS=12.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=13.5
fwN=1.79
sdE=13.1
fwE=1.98
20230621T053145.0001.fits
SecZ=1.03
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.5 10.3 11.3
ALT/AZ=76.5 -62.7
fwAVG=1.97
sdW=13.2
fwW=2.03
sdS=14.3
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=28.9
fwN=2.00
sdE=21.1
fwE=1.88
20230621T053333.0001.fits
SecZ=1.03
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.5 10.3 11.3
ALT/AZ=76.5 -120.4
fwAVG=1.94
sdW=51.3
fwW=1.89
sdS=17.4
fwS=2.00
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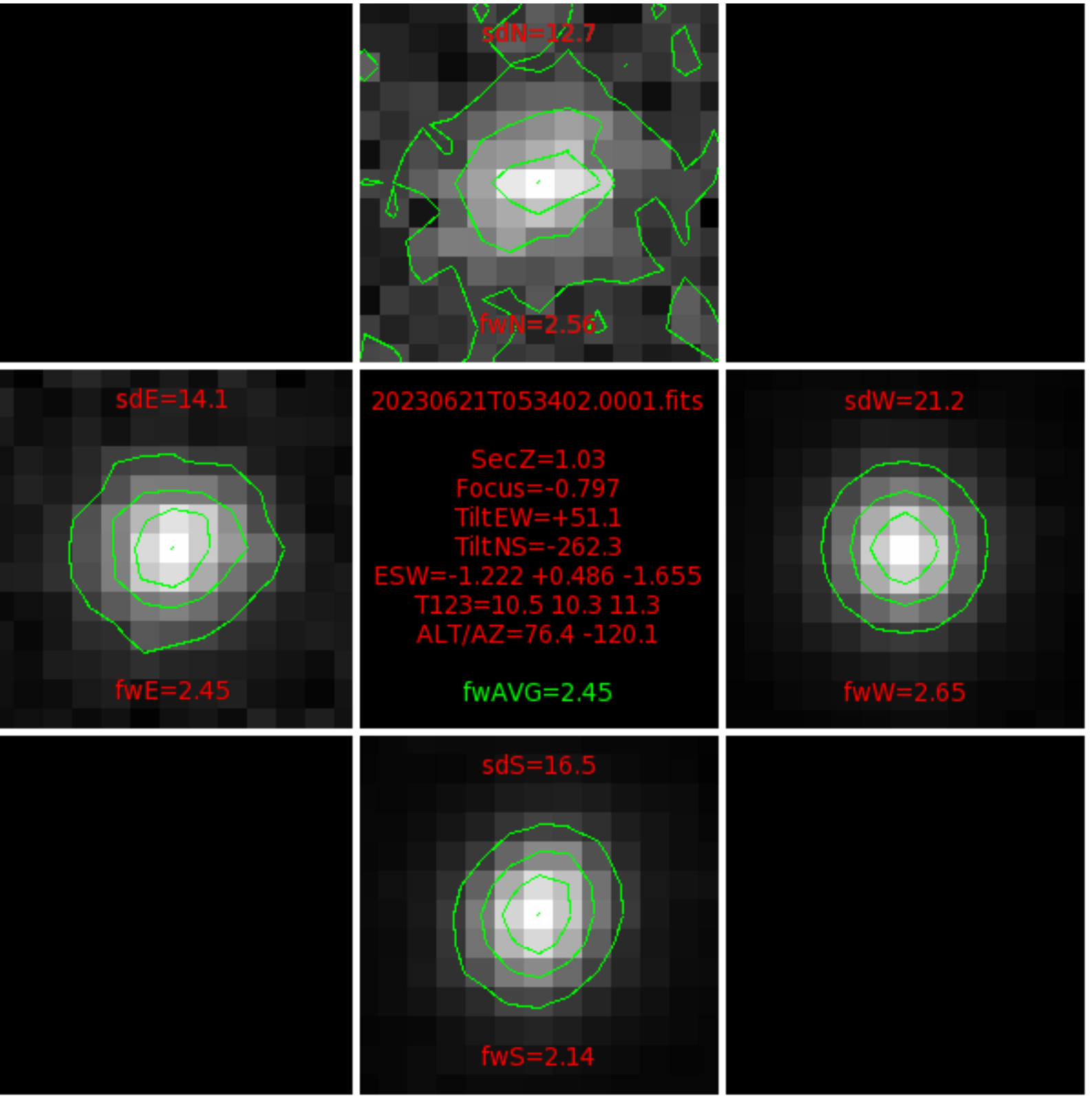
sdN=12.7
fwN=2.56
sdE=14.1
20230621T053402.0001.fits
SecZ=1.03
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.5 10.3 11.3
ALT/AZ=76.4 -120.1
fwAVG=2.45
sdW=21.2
fwE=2.45
fwW=2.65
sdS=16.5
fwS=2.14
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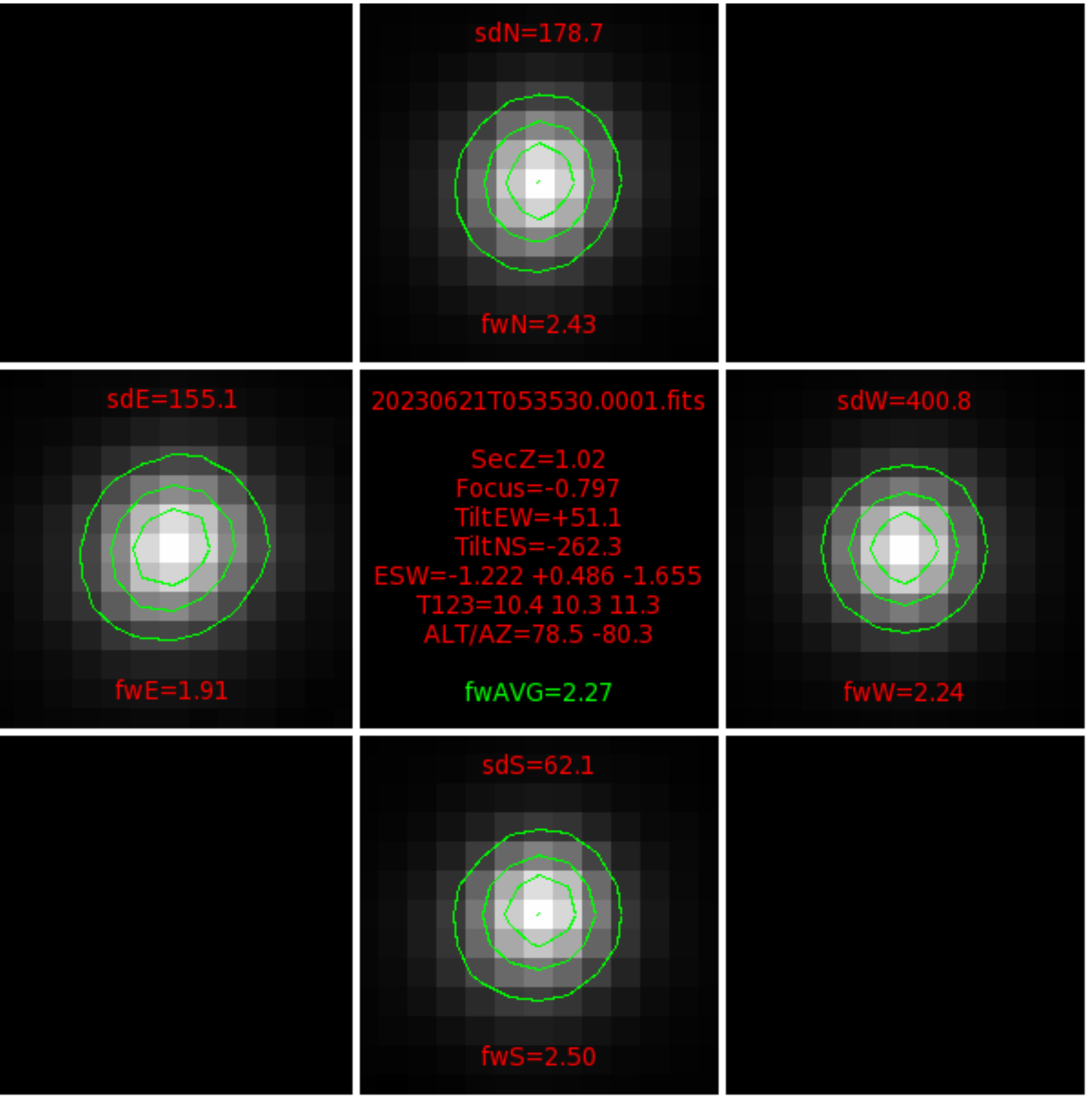
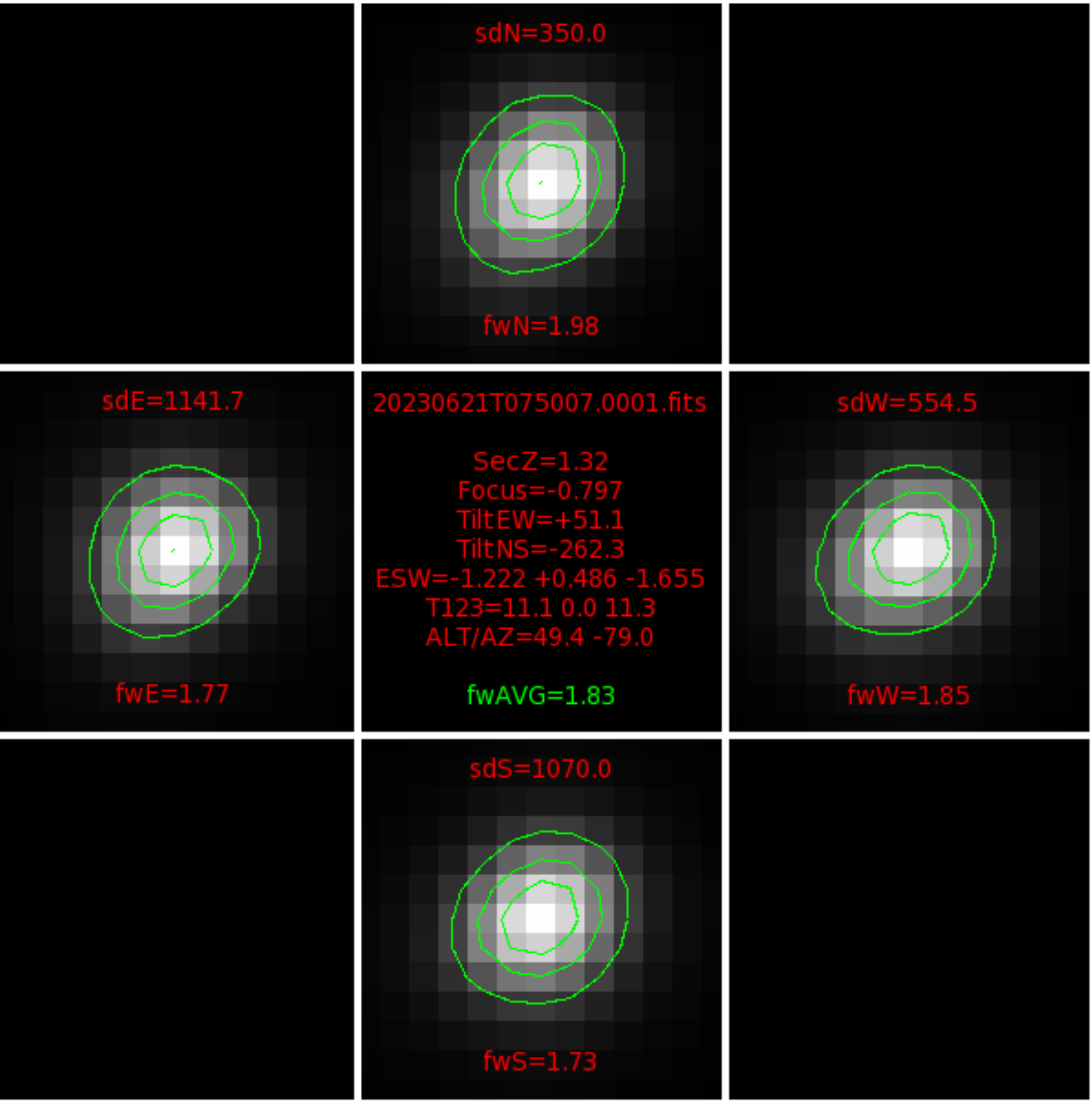

sdN=178.7
fwN=2.43
sdE=155.1
fwE=1.91
20230621T053530.0001.fits
SecZ=1.02
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.4 10.3 11.3
ALT/AZ=78.5 -80.3
fwAVG=2.27
sdW=400.8
fwW=2.24
sdS=62.1
fwS=2.50
0 0 0 0 0 0 0 0 0

sdN=12.7
fwN=0.00
sdE=12.4
20230621T053600.0001.fits
SecZ=1.02
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.4 10.3 11.3
ALT/AZ=78.4 -80.4
sdW=13.8
fwE=0.00
fwW=0.00
sdS=13.1
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=350.0
fwN=1.98
sdE=1141.7
fwE=1.77
20230621T075007.0001.fits
SecZ=1.32
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=11.1 0.0 11.3
ALT/AZ=49.4 -79.0
fwAVG=1.83
sdW=554.5
fwW=1.85
sdS=1070.0
fwS=1.73
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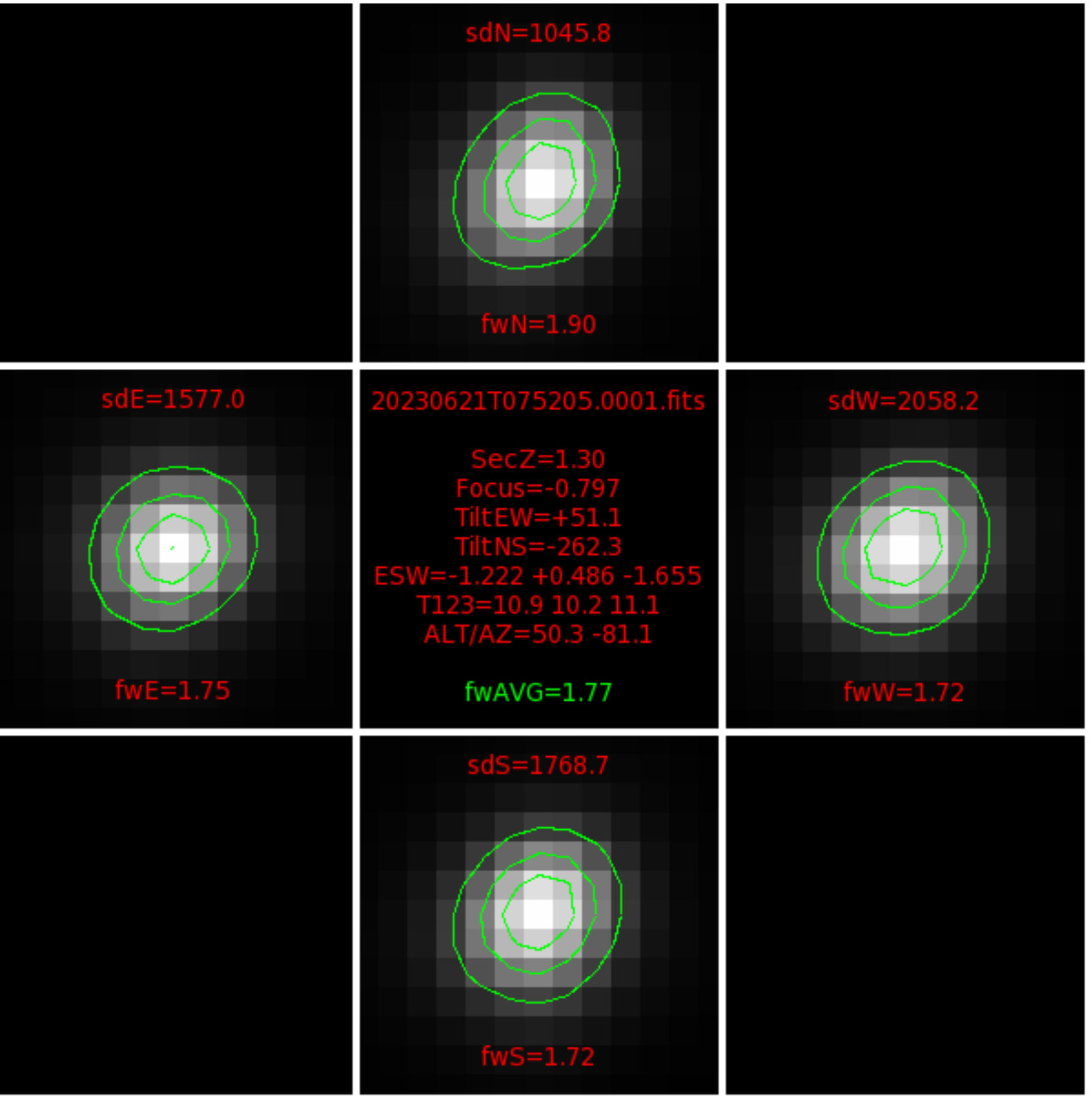
sdN=1045.8
fwN=1.90
sdE=1577.0
fwE=1.75
20230621T075205.0001.fits
SecZ=1.30
Focus=-0.797
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.222 +0.486 -1.655
T123=10.9 10.2 11.1
ALT/AZ=50.3 -81.1
fwAVG=1.77
sdW=2058.2
fwW=1.72
sdS=1768.7
fwS=1.72
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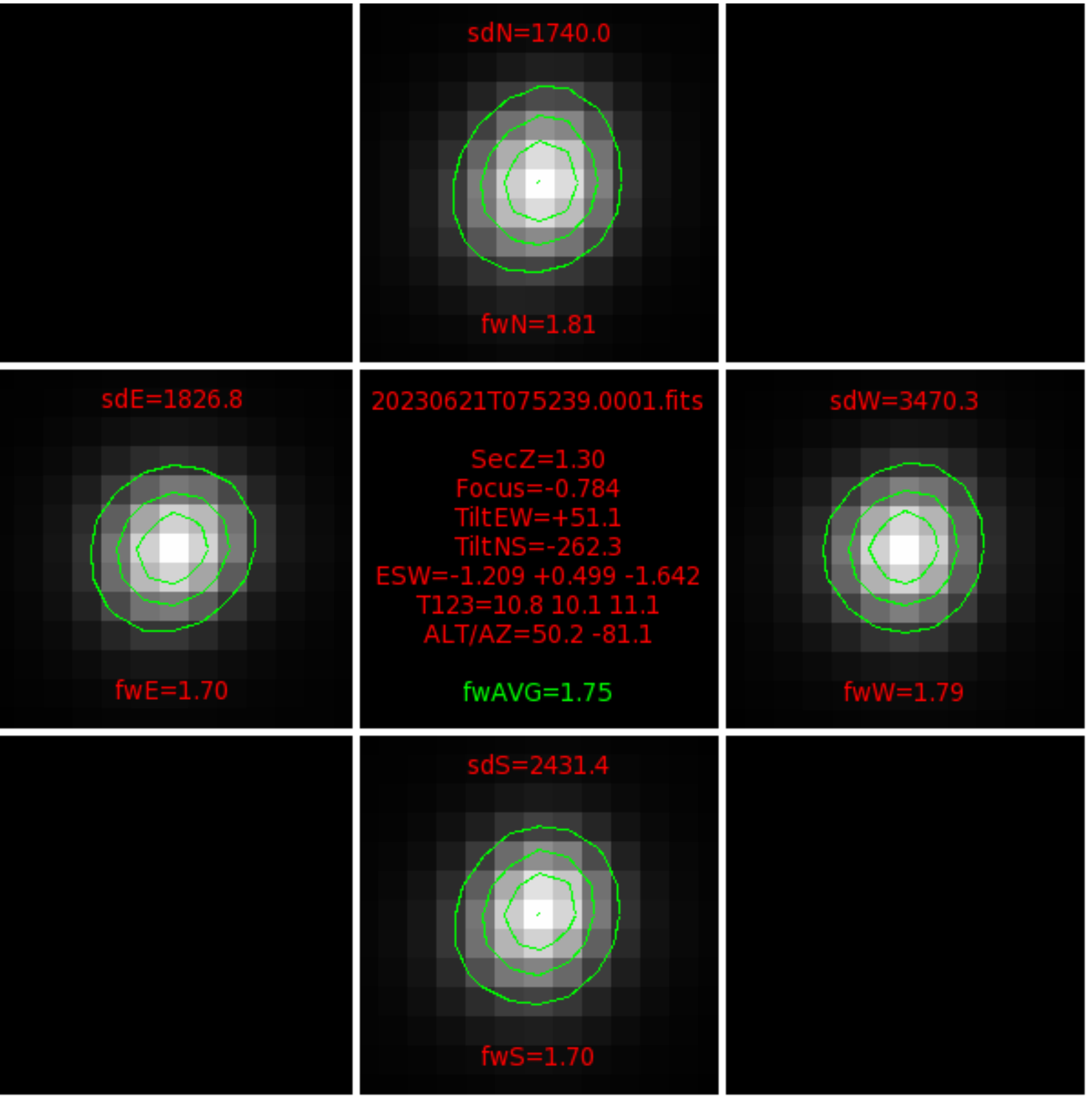
sdN=1740.0
fwN=1.81
sdE=1826.8
fwE=1.70
20230621T075239.0001.fits
SecZ=1.30
Focus=-0.784
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.209 +0.499 -1.642
T123=10.8 10.1 11.1
ALT/AZ=50.2 -81.1
fwAVG=1.75
sdW=3470.3
fwW=1.79
sdS=2431.4
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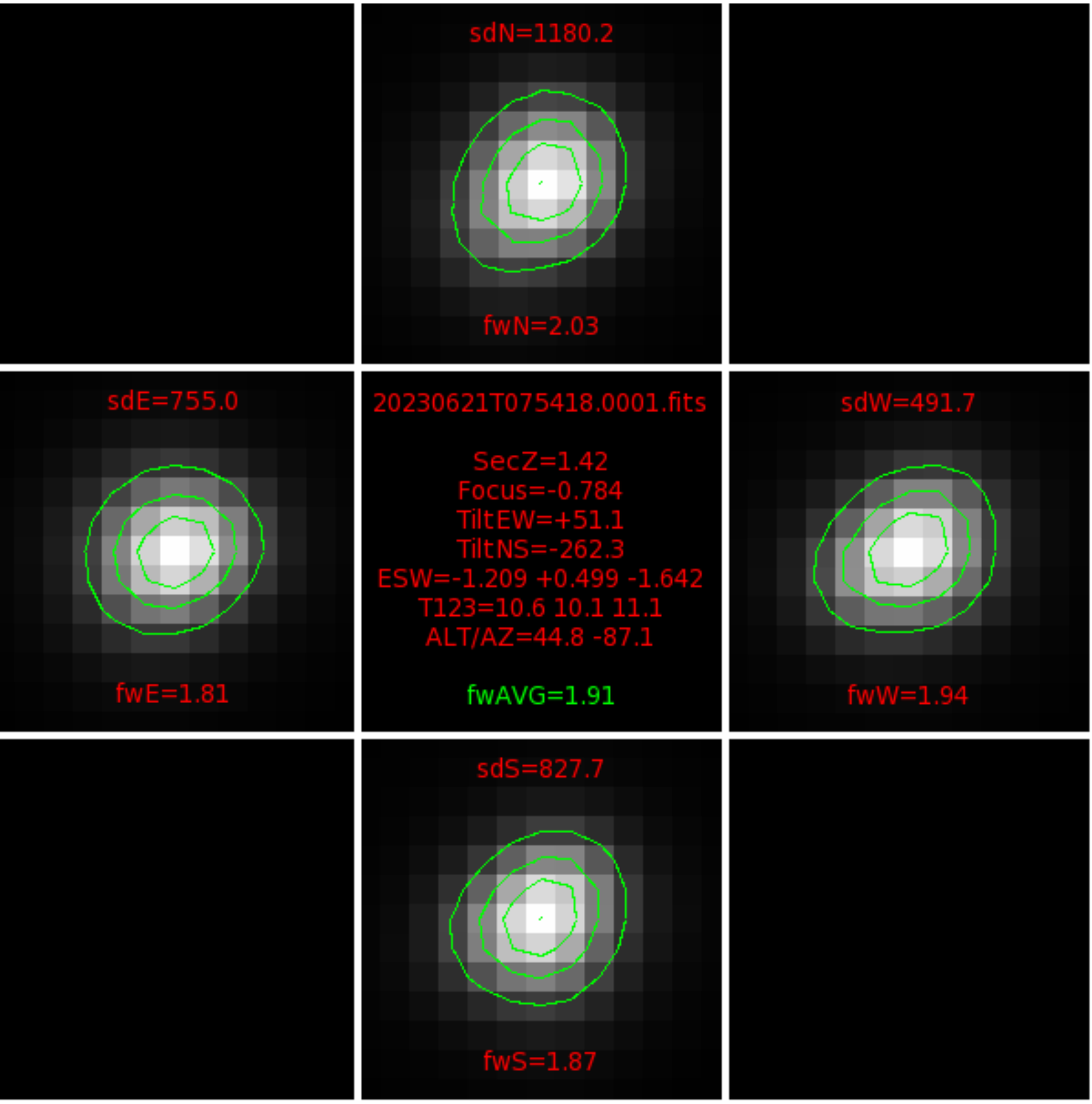
sdN=1180.2
fwN=2.03
sdE=755.0
fwE=1.81
20230621T075418.0001.fits
SecZ=1.42
Focus=-0.784
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.209 +0.499 -1.642
T123=10.6 10.1 11.1
ALT/AZ=44.8 -87.1
fwAVG=1.91
sdW=491.7
fwW=1.94
sdS=827.7
fwS=1.87
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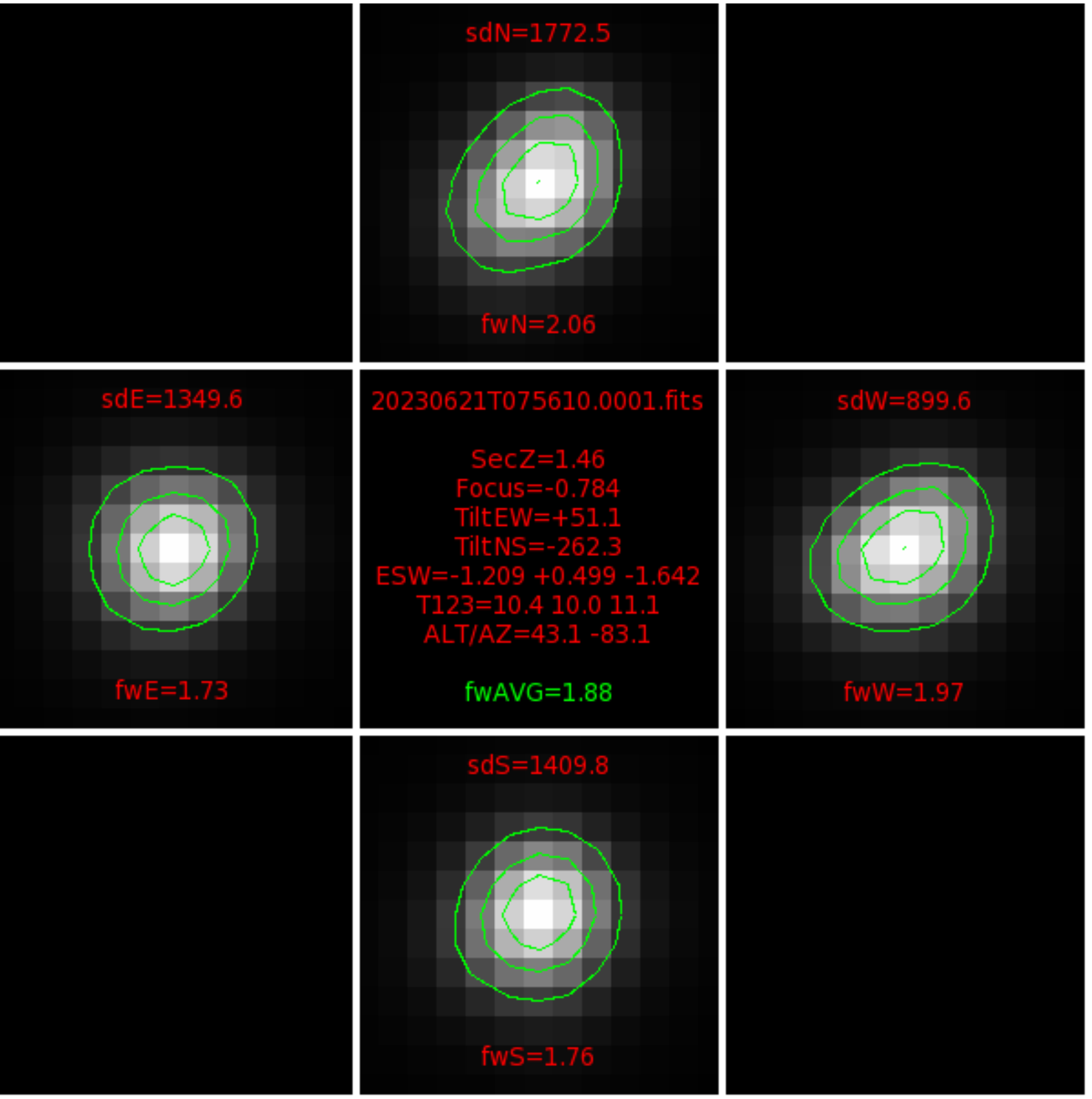
sdN=1772.5
fwN=2.06
sdE=1349.6
fwE=1.73
20230621T075610.0001.fits
SecZ=1.46
Focus=-0.784
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.209 +0.499 -1.642
T123=10.4 10.0 11.1
ALT/AZ=43.1 -83.1
fwAVG=1.88
sdW=899.6
fwW=1.97
sdS=1409.8
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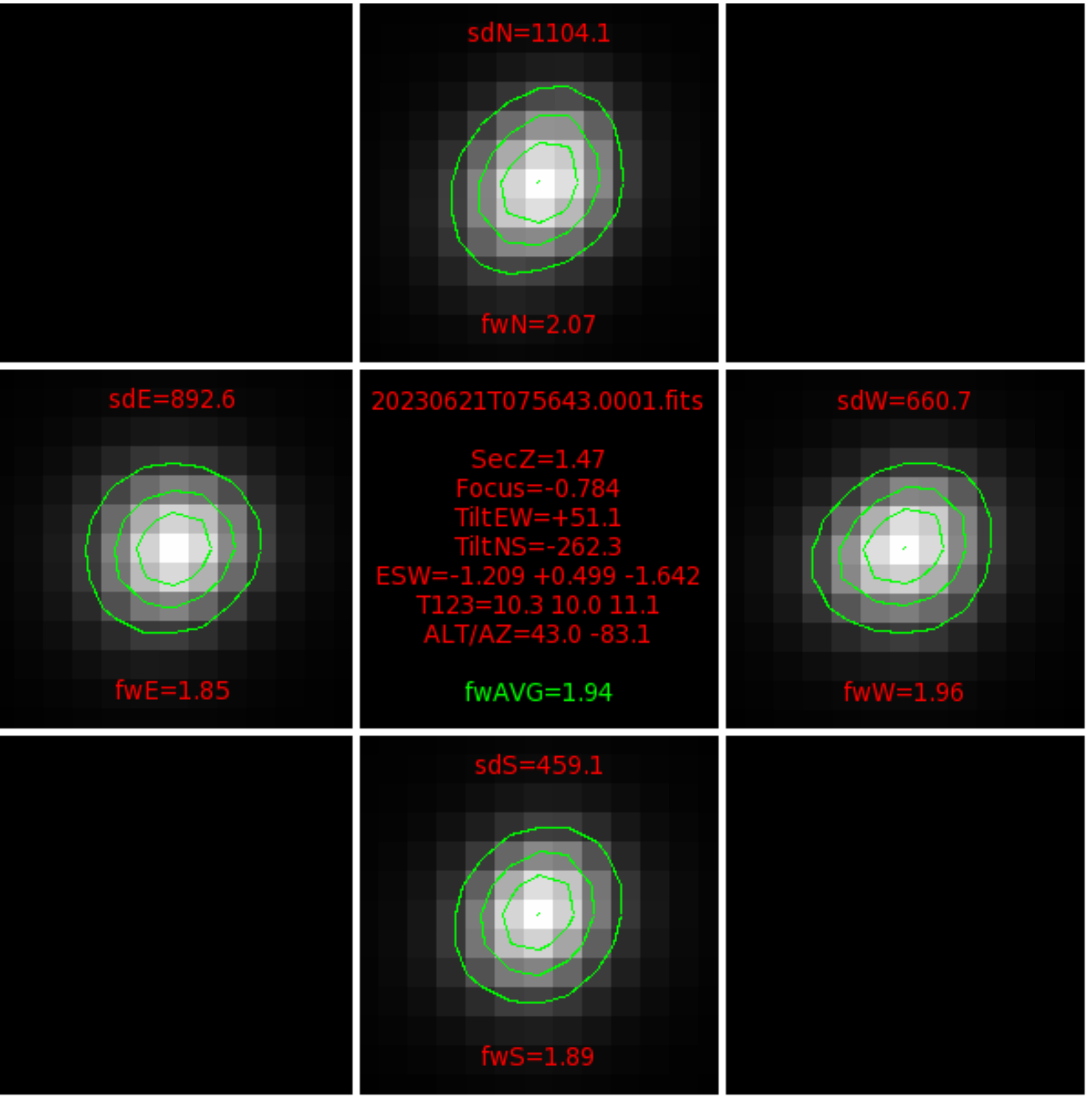
sdN=1104.1
fwN=2.07
sdE=892.6
fwE=1.85
20230621T075643.0001.fits
SecZ=1.47
Focus=-0.784
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.209 +0.499 -1.642
T123=10.3 10.0 11.1
ALT/AZ=43.0 -83.1
fwAVG=1.94
sdW=660.7
fwW=1.96
sdS=459.1
fwS=1.89
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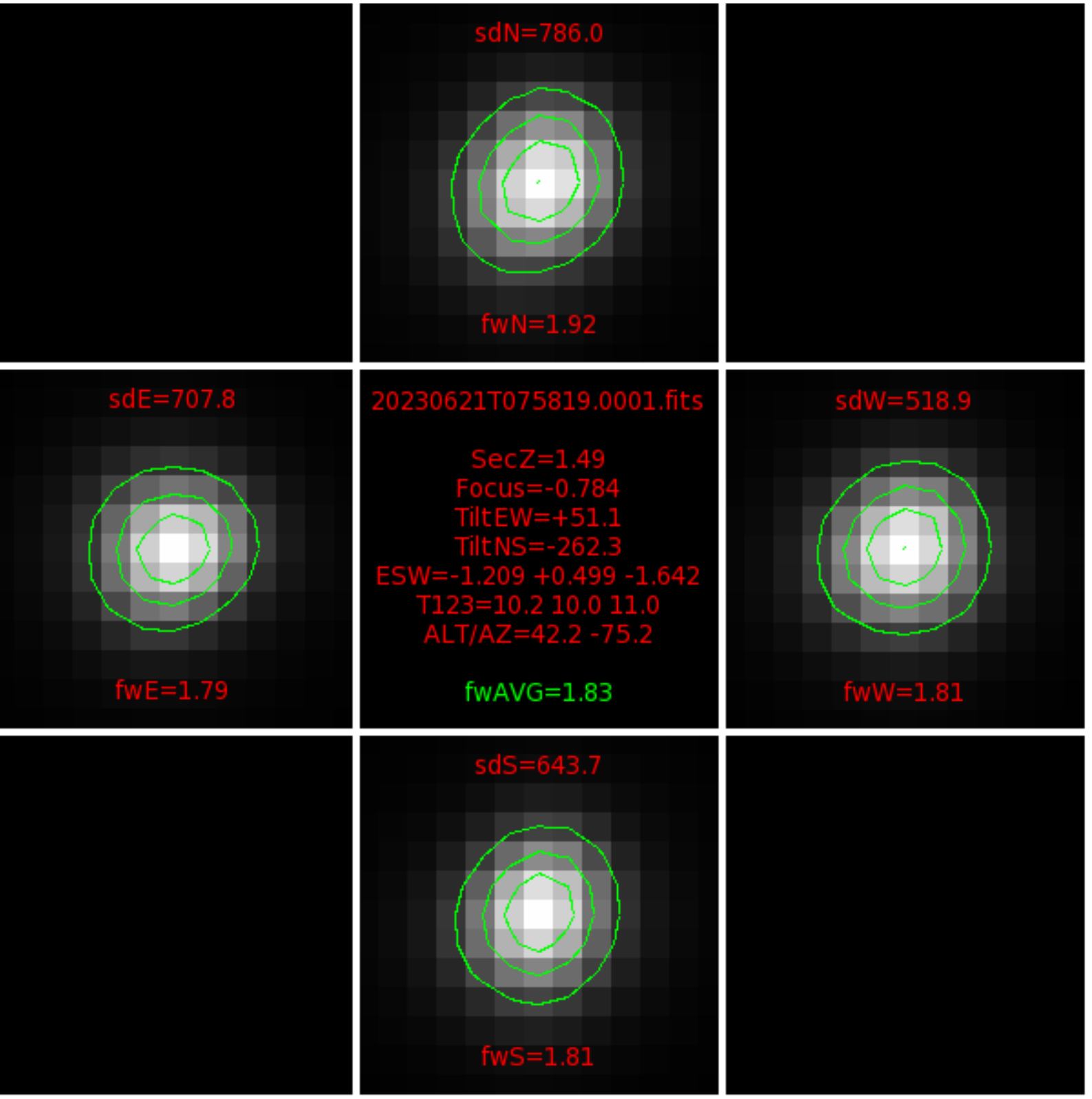
sdN=786.0
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sdE=707.8
fwE=1.79
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SecZ=1.49
Focus=-0.784
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.209 +0.499 -1.642
T123=10.2 10.0 11.0
ALT/AZ=42.2 -75.2
fwAVG=1.83
sdW=518.9
fwW=1.81
sdS=643.7
fwS=1.81
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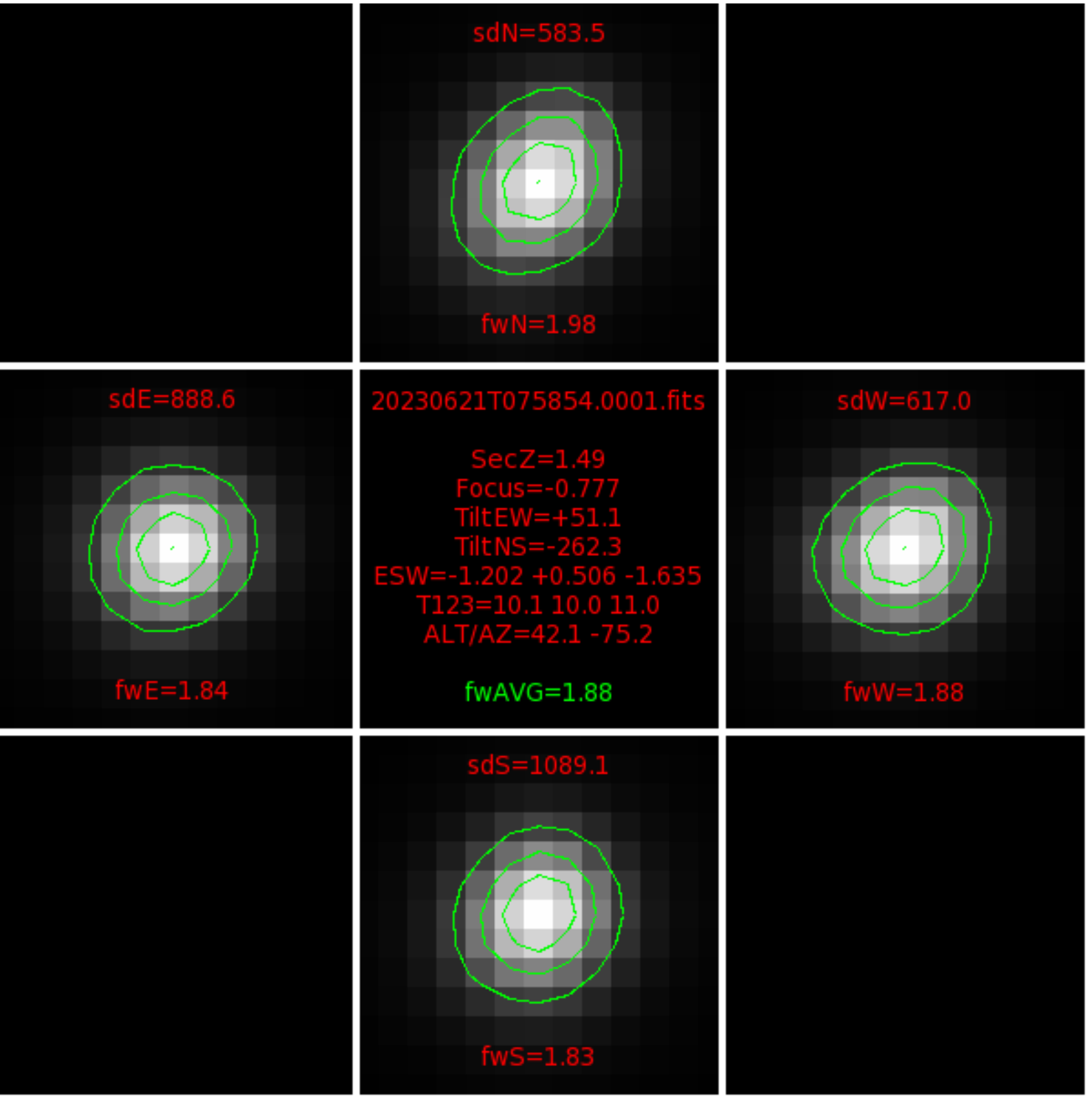
sdN=583.5
fwN=1.98
sdE=888.6
fwE=1.84
20230621T075854.0001.fits
SecZ=1.49
Focus=-0.777
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.202 +0.506 -1.635
T123=10.1 10.0 11.0
ALT/AZ=42.1 -75.2
fwAVG=1.88
sdW=617.0
fwW=1.88
sdS=1089.1
fwS=1.83
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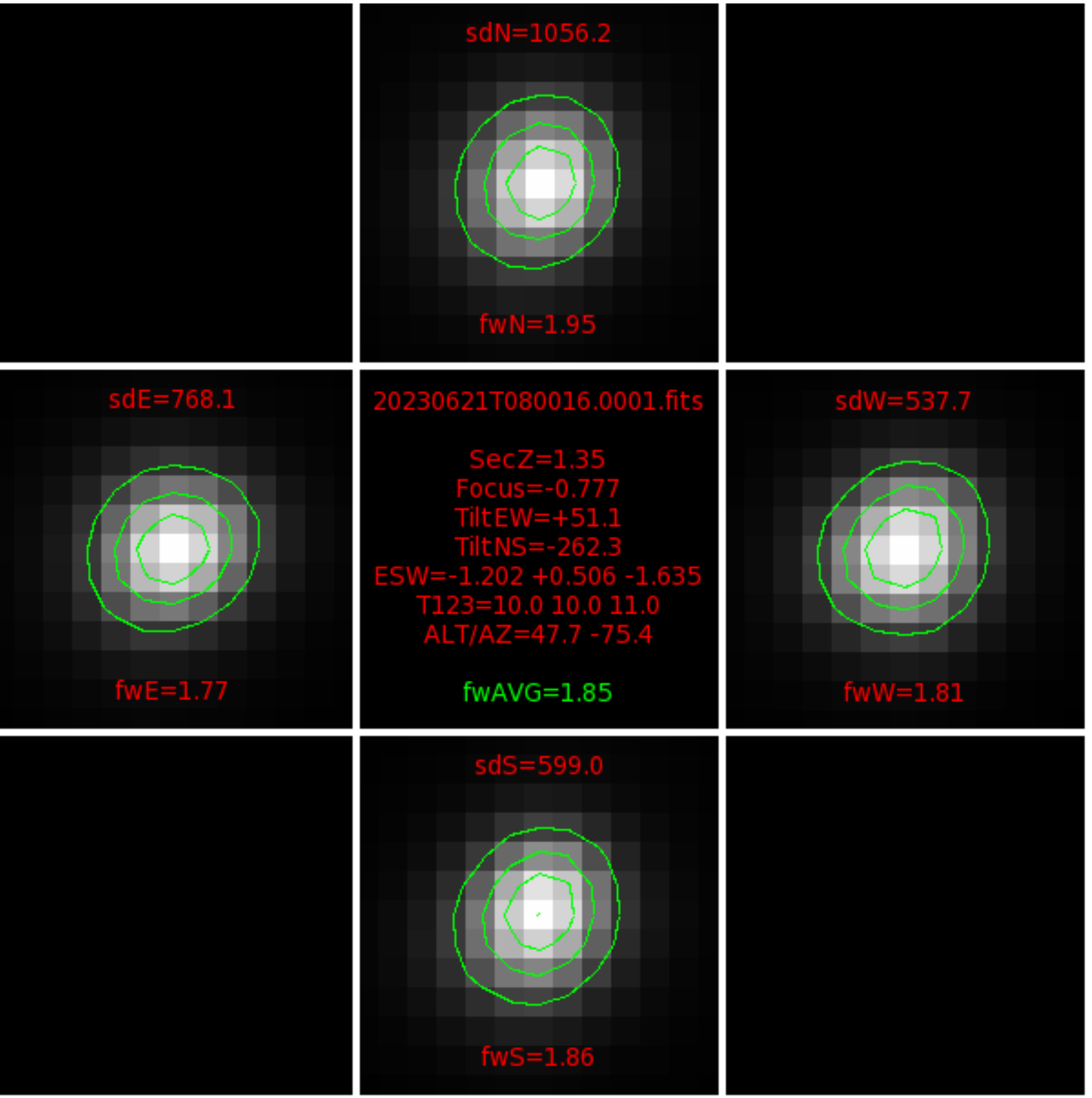
sdN=1056.2
fwN=1.95
sdE=768.1
fwE=1.77
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SecZ=1.35
Focus=-0.777
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.202 +0.506 -1.635
T123=10.0 10.0 11.0
ALT/AZ=47.7 -75.4
fwAVG=1.85
sdW=537.7
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sdS=599.0
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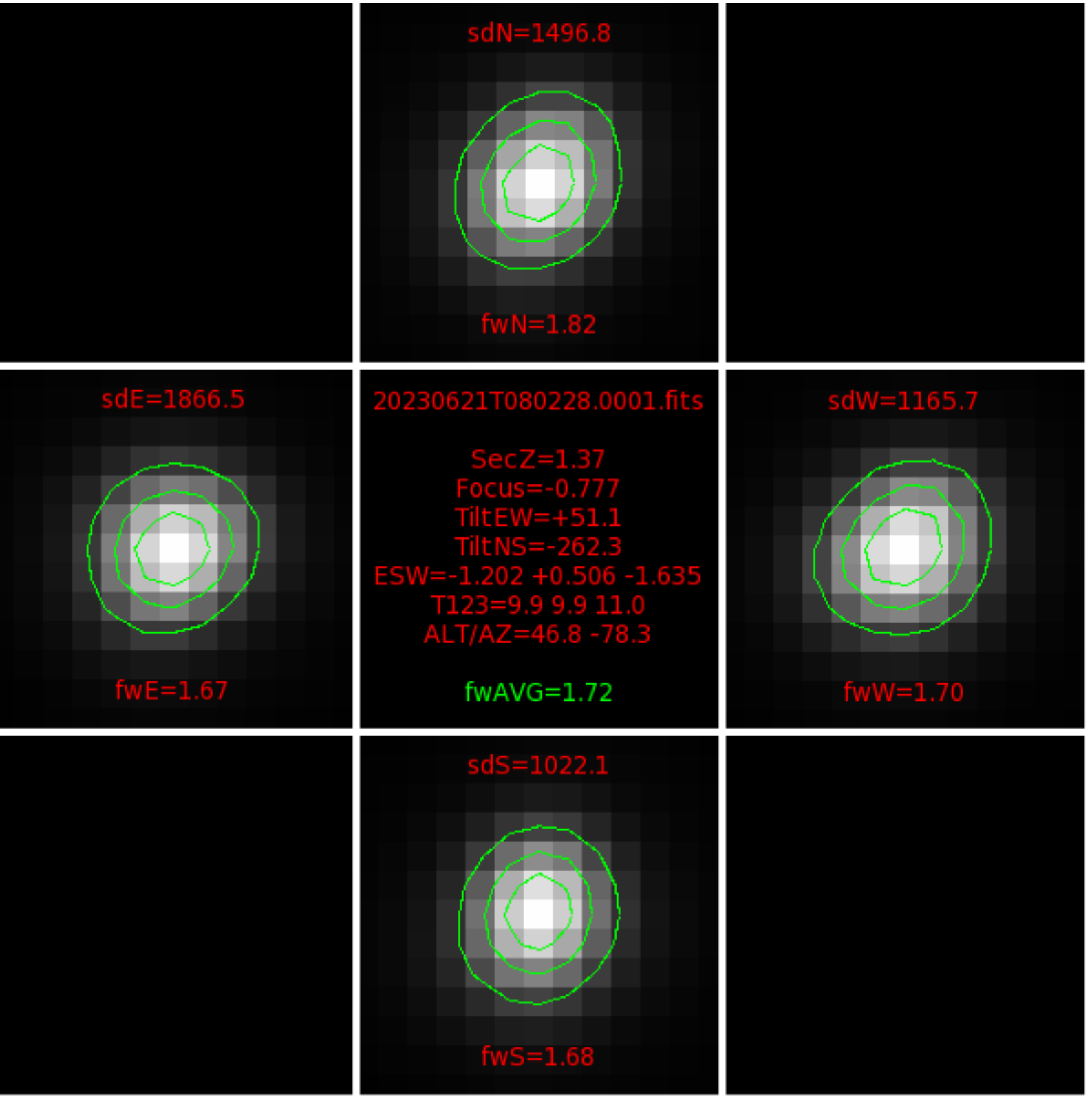
sdN=1496.8
fwN=1.82
sdE=1866.5
fwE=1.67
20230621T080228.0001.fits
SecZ=1.37
Focus=-0.777
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.202 +0.506 -1.635
T123=9.9 9.9 11.0
ALT/AZ=46.8 -78.3
fwAVG=1.72
sdW=1165.7
fwW=1.70
sdS=1022.1
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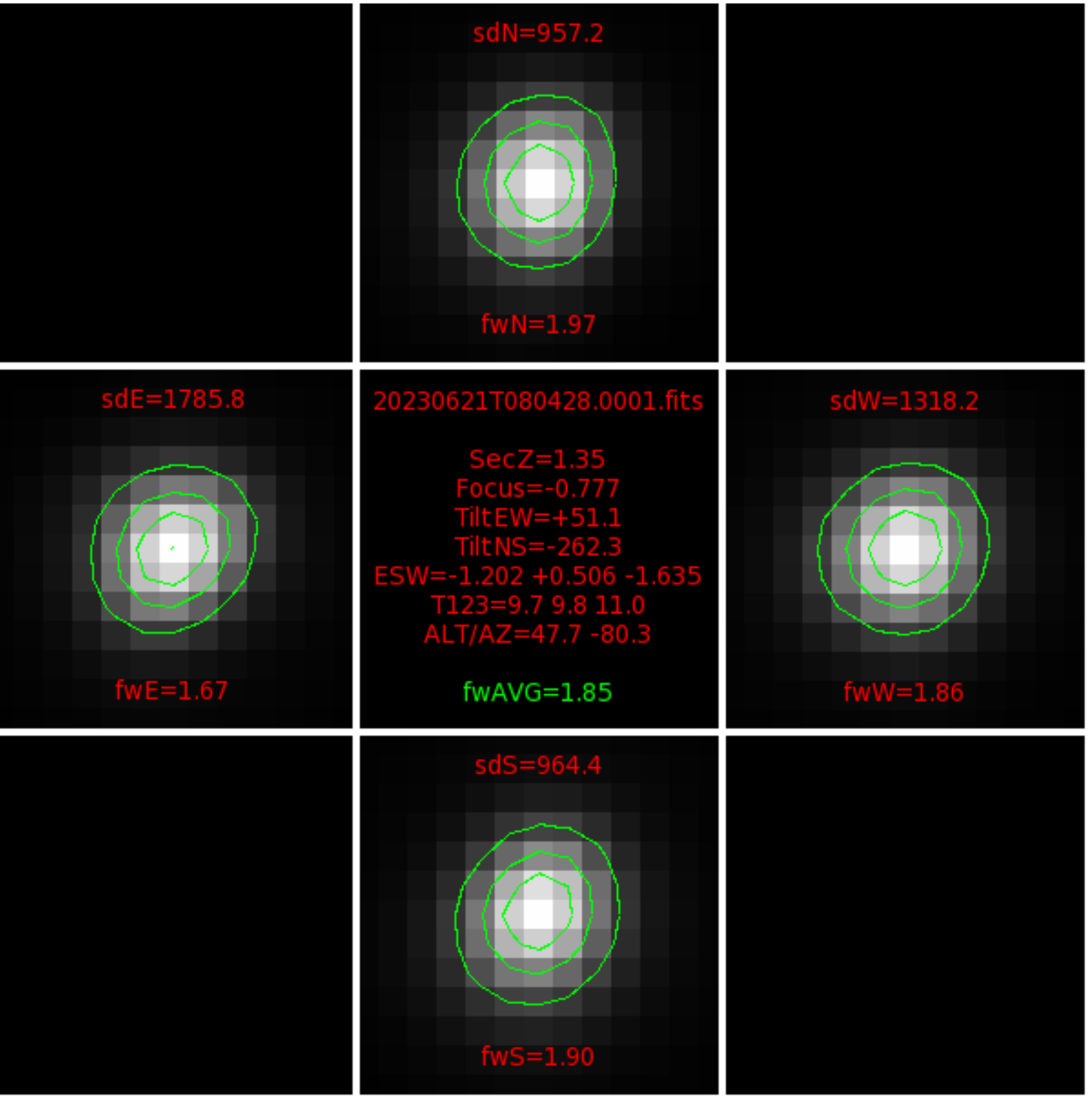
sdN=957.2
fwN=1.97
sdE=1785.8
fwE=1.67
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SecZ=1.35
Focus=-0.777
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.202 +0.506 -1.635
T123=9.7 9.8 11.0
ALT/AZ=47.7 -80.3
fwAVG=1.85
sdW=1318.2
fwW=1.86
sdS=964.4
fwS=1.90
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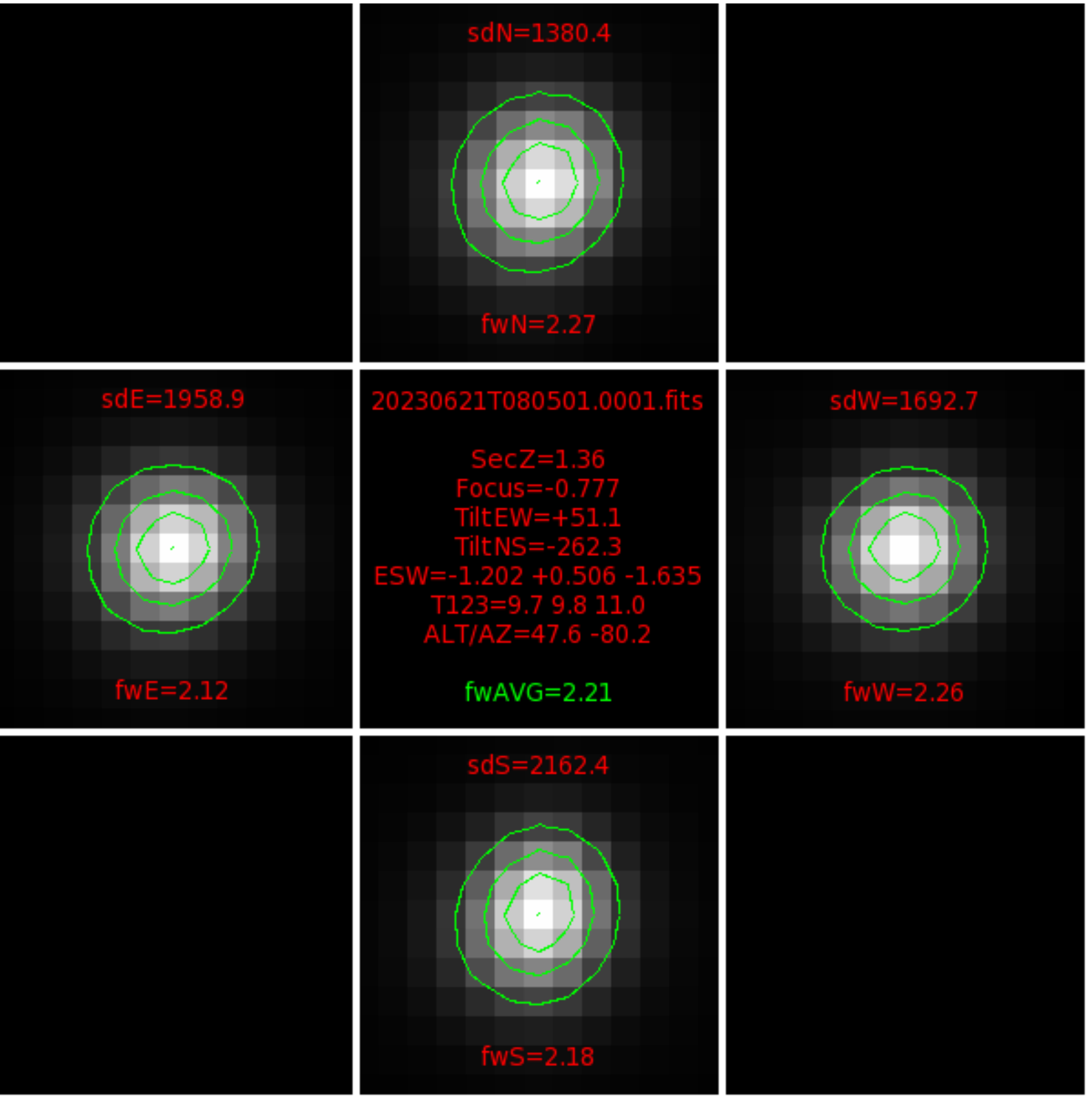
sdN=1380.4
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sdE=1958.9
fwE=2.12
20230621T080501.0001.fits
SecZ=1.36
Focus=-0.777
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.202 +0.506 -1.635
T123=9.7 9.8 11.0
ALT/AZ=47.6 -80.2
fwAVG=2.21
sdW=1692.7
fwW=2.26
sdS=2162.4
fwS=2.18
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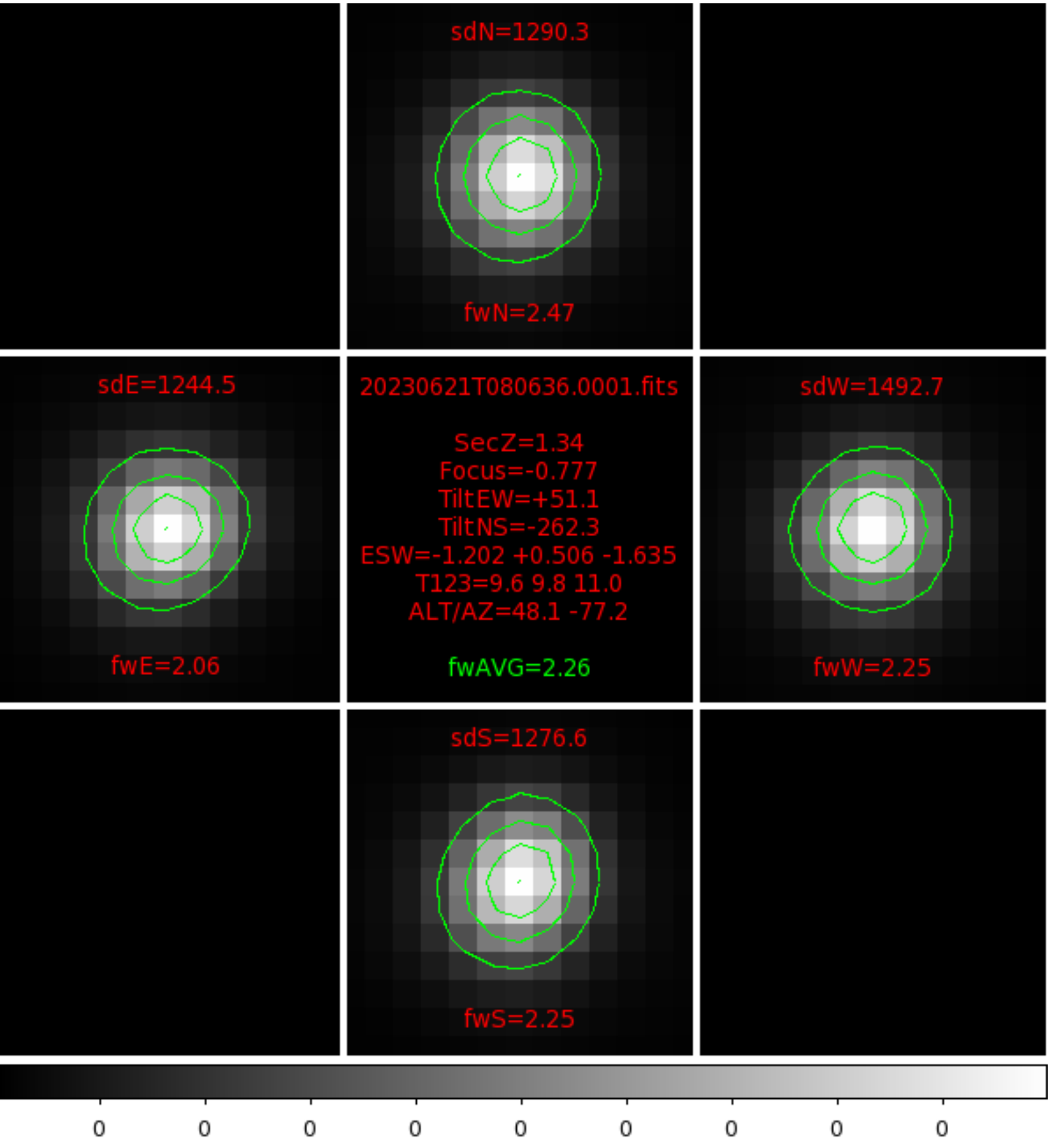
sdN=1290.3
fwN=2.47
sdE=1244.5
fwE=2.06
20230621T080636.0001.fits
SecZ=1.34
Focus=-0.777
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.202 +0.506 -1.635
T123=9.6 9.8 11.0
ALT/AZ=48.1 -77.2
fwAVG=2.26
sdW=1492.7
fwW=2.25
sdS=1276.6
fwS=2.25
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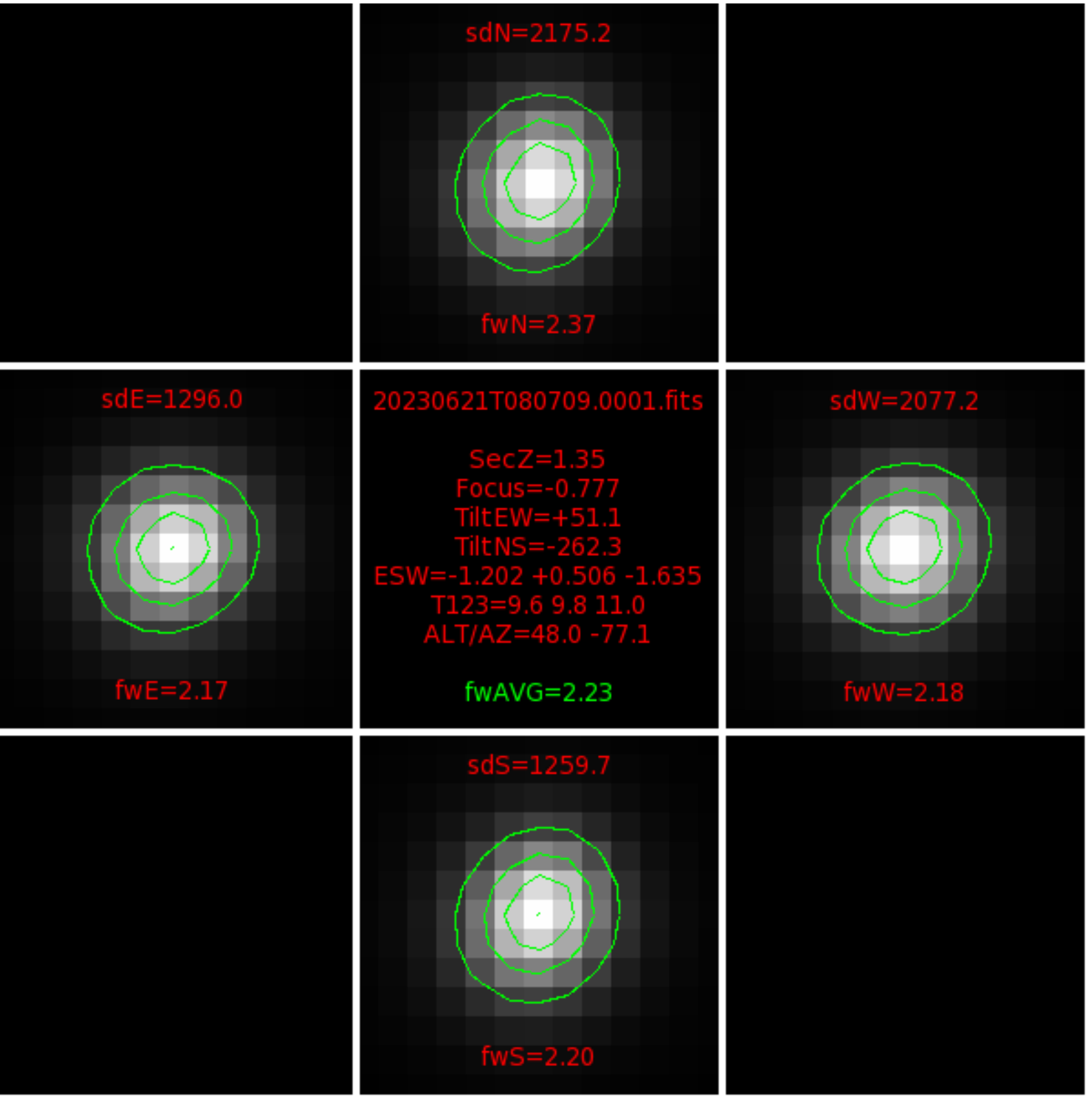
sdN=2175.2
fwN=2.37
sdE=1296.0
fwE=2.17
20230621T080709.0001.fits
SecZ=1.35
Focus=-0.777
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.202 +0.506 -1.635
T123=9.6 9.8 11.0
ALT/AZ=48.0 -77.1
fwAVG=2.23
sdW=2077.2
fwW=2.18
sdS=1259.7
fwS=2.20
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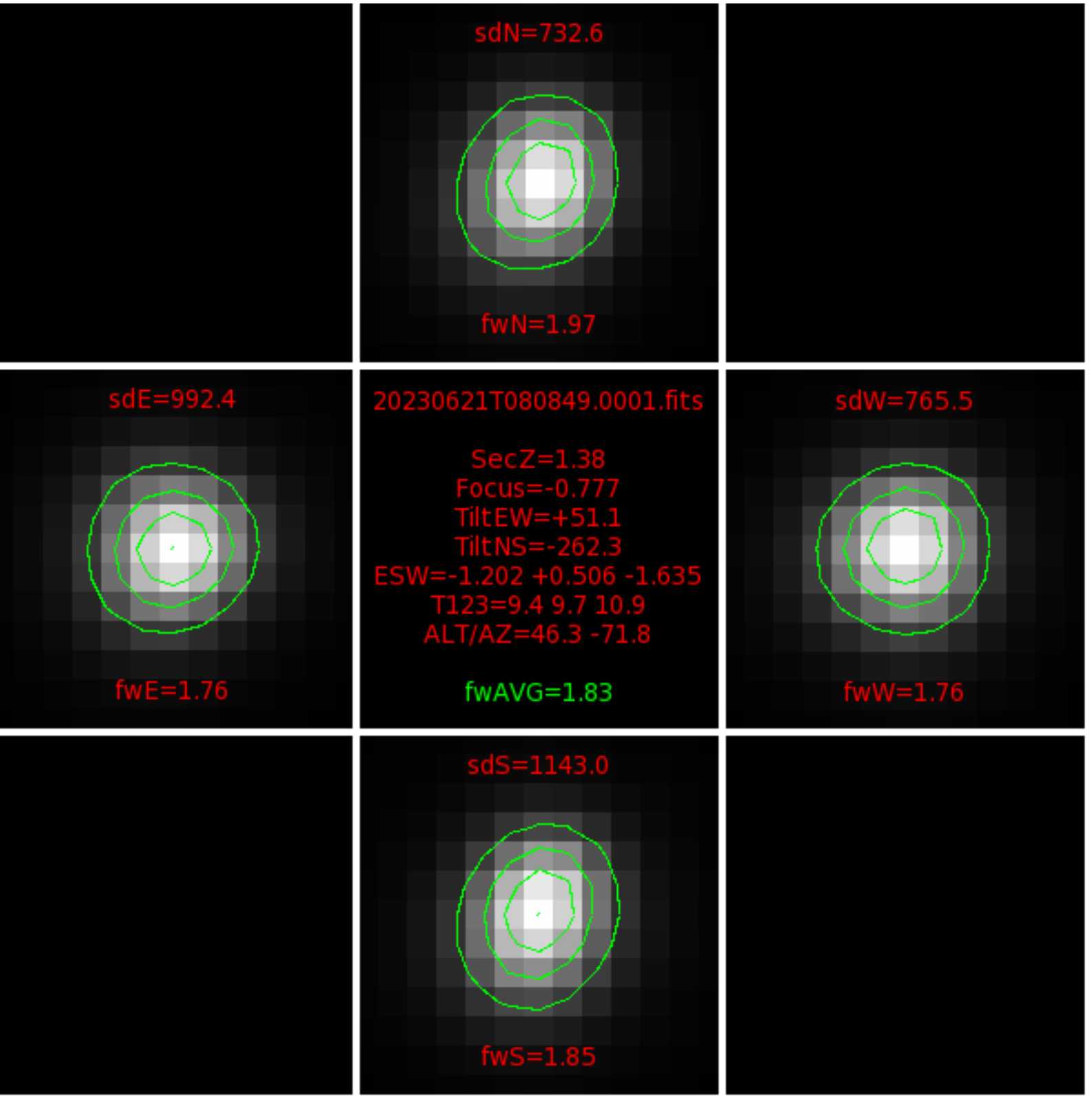
sdN=732.6
fwN=1.97
sdE=992.4
fwE=1.76
20230621T080849.0001.fits
SecZ=1.38
Focus=-0.777
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.202 +0.506 -1.635
T123=9.4 9.7 10.9
ALT/AZ=46.3 -71.8
fwAVG=1.83
sdW=765.5
fwW=1.76
sdS=1143.0
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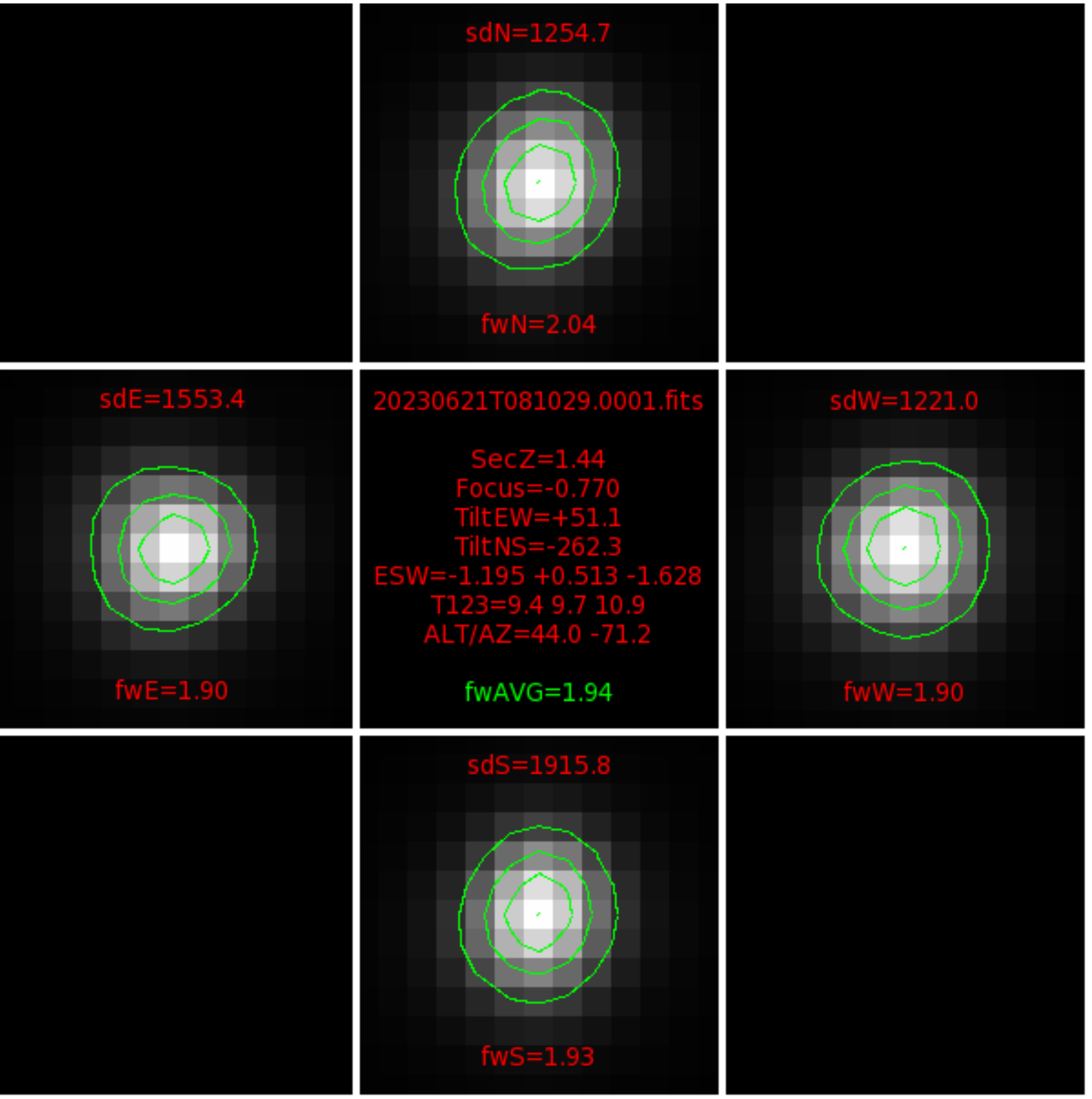
sdN=1254.7
fwN=2.04
sdE=1553.4
fwE=1.90
20230621T081029.0001.fits
SecZ=1.44
Focus=-0.770
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.195 +0.513 -1.628
T123=9.4 9.7 10.9
ALT/AZ=44.0 -71.2
fwAVG=1.94
sdW=1221.0
fwW=1.90
sdS=1915.8
fwS=1.93
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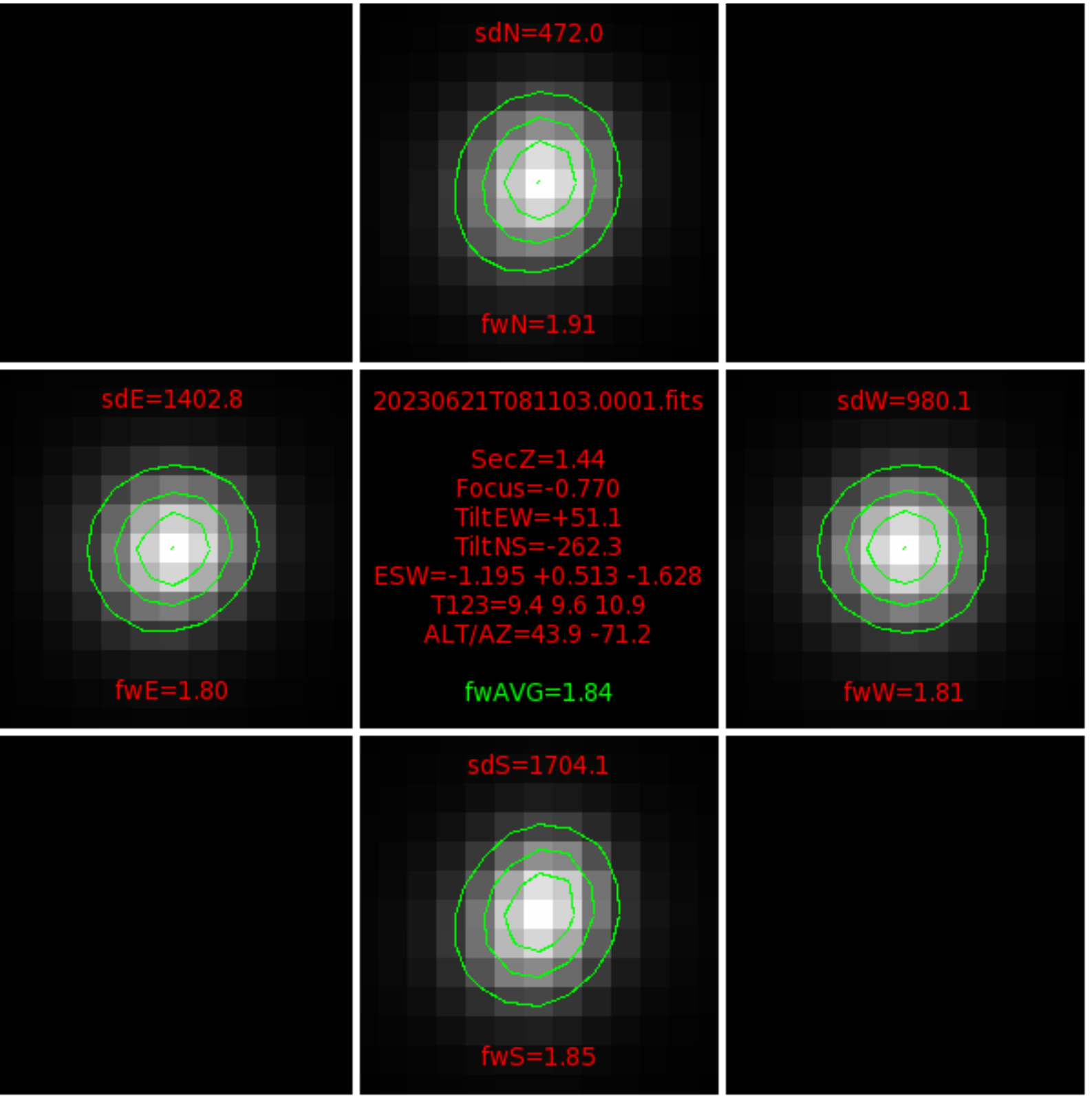
sdN=472.0
fwN=1.91
sdE=1402.8
fwE=1.80
20230621T081103.0001.fits
SecZ=1.44
Focus=-0.770
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.195 +0.513 -1.628
T123=9.4 9.6 10.9
ALT/AZ=43.9 -71.2
fwAVG=1.84
sdW=980.1
fwW=1.81
sdS=1704.1
fwS=1.85
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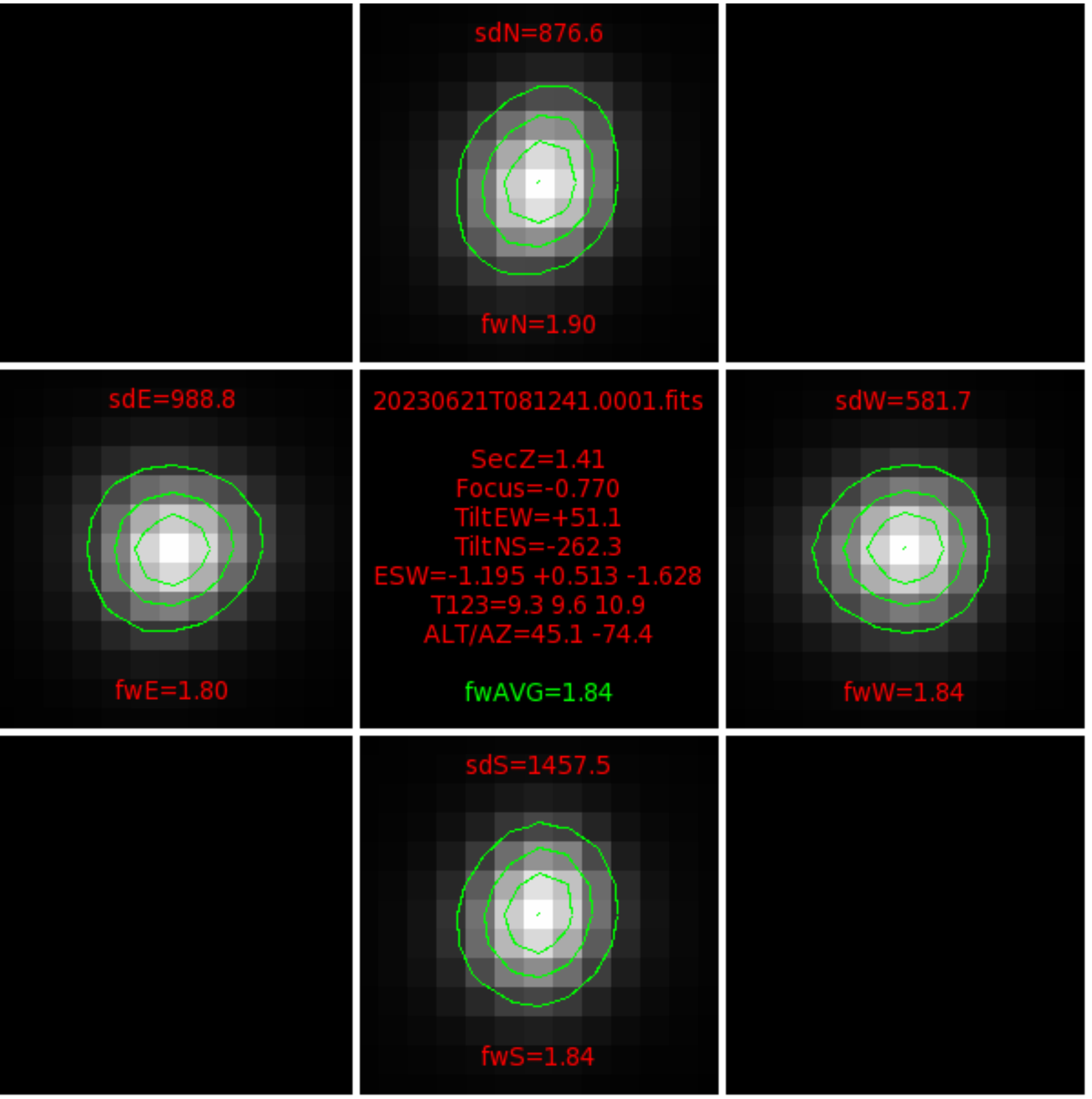
sdN=876.6
fwN=1.90
sdE=988.8
fwE=1.80
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SecZ=1.41
Focus=-0.770
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.195 +0.513 -1.628
T123=9.3 9.6 10.9
ALT/AZ=45.1 -74.4
fwAVG=1.84
sdW=581.7
fwW=1.84
sdS=1457.5
fwS=1.84
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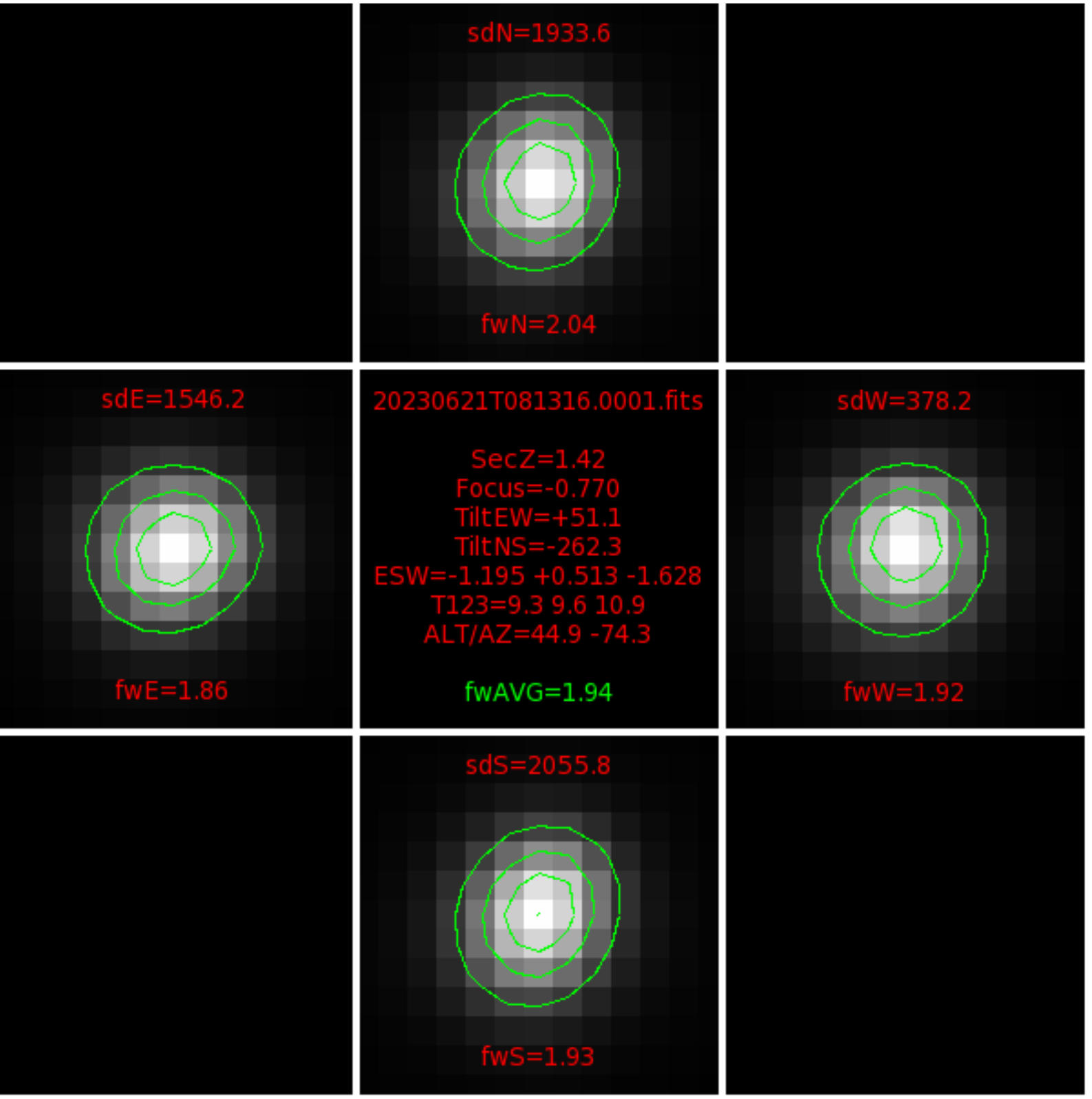
sdN=1933.6
fwN=2.04
sdE=1546.2
fwE=1.86
20230621T081316.0001.fits
SecZ=1.42
Focus=-0.770
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.195 +0.513 -1.628
T123=9.3 9.6 10.9
ALT/AZ=44.9 -74.3
fwAVG=1.94
sdW=378.2
fwW=1.92
sdS=2055.8
fwS=1.93
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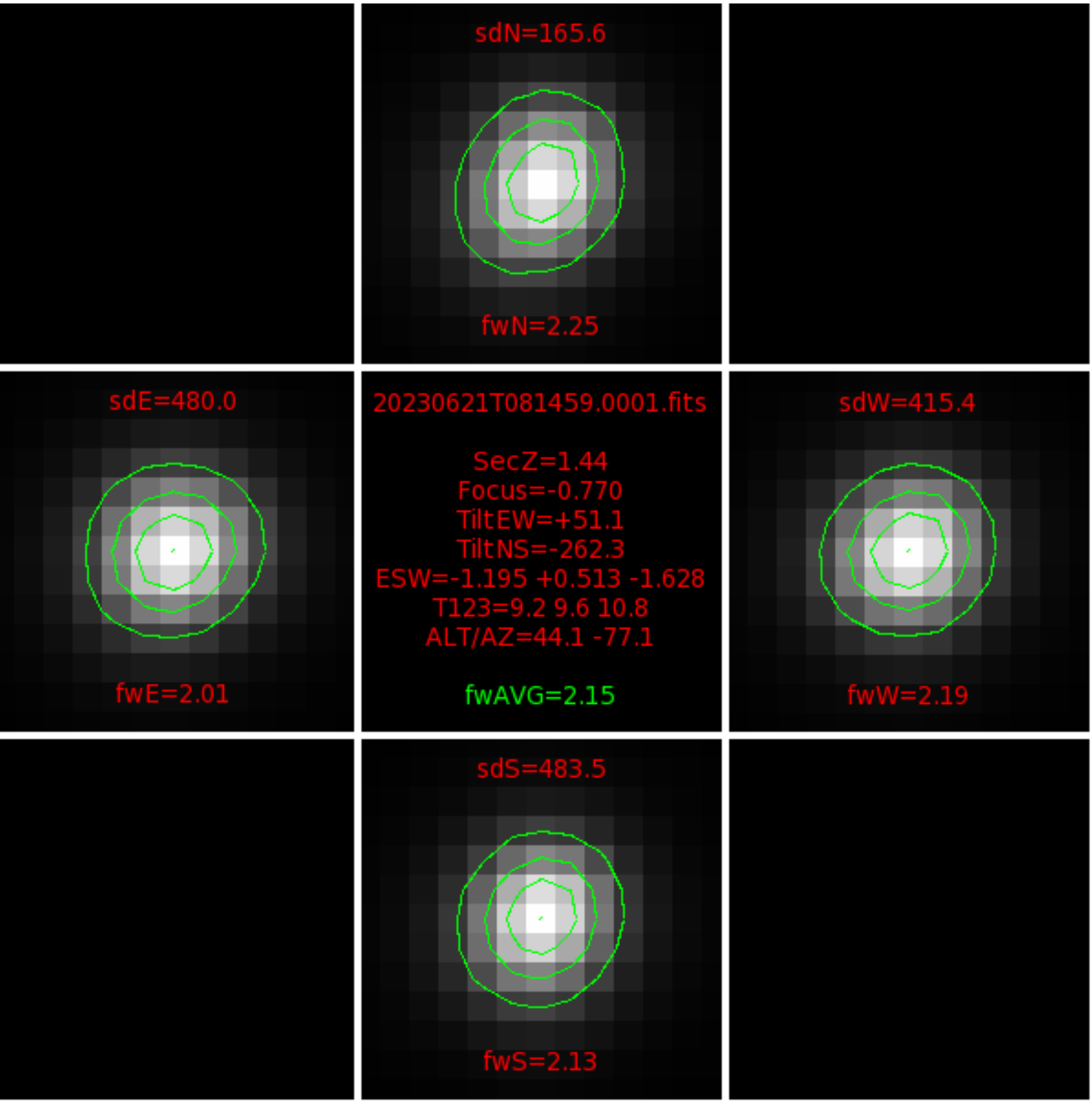
sdN=165.6
fwN=2.25
sdE=480.0
fwE=2.01
20230621T081459.0001.fits
SecZ=1.44
Focus=-0.770
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.195 +0.513 -1.628
T123=9.2 9.6 10.8
ALT/AZ=44.1 -77.1
fwAVG=2.15
sdW=415.4
fwW=2.19
sdS=483.5
fwS=2.13
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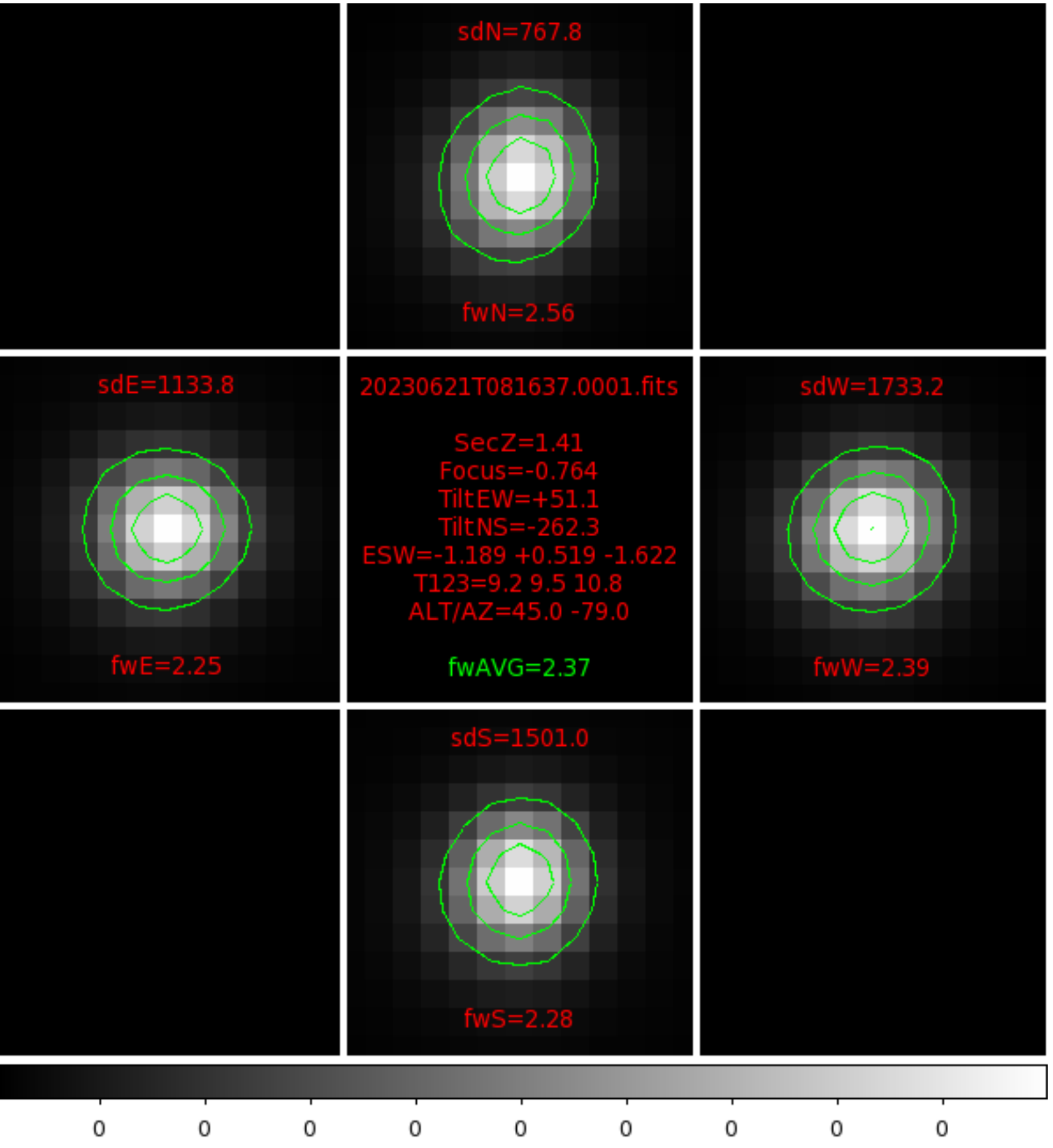
sdN=767.8
fwN=2.56
sdE=1133.8
fwE=2.25
20230621T081637.0001.fits
SecZ=1.41
Focus=-0.764
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.189 +0.519 -1.622
T123=9.2 9.5 10.8
ALT/AZ=45.0 -79.0
fwAVG=2.37
sdW=1733.2
fwW=2.39
sdS=1501.0
fwS=2.28
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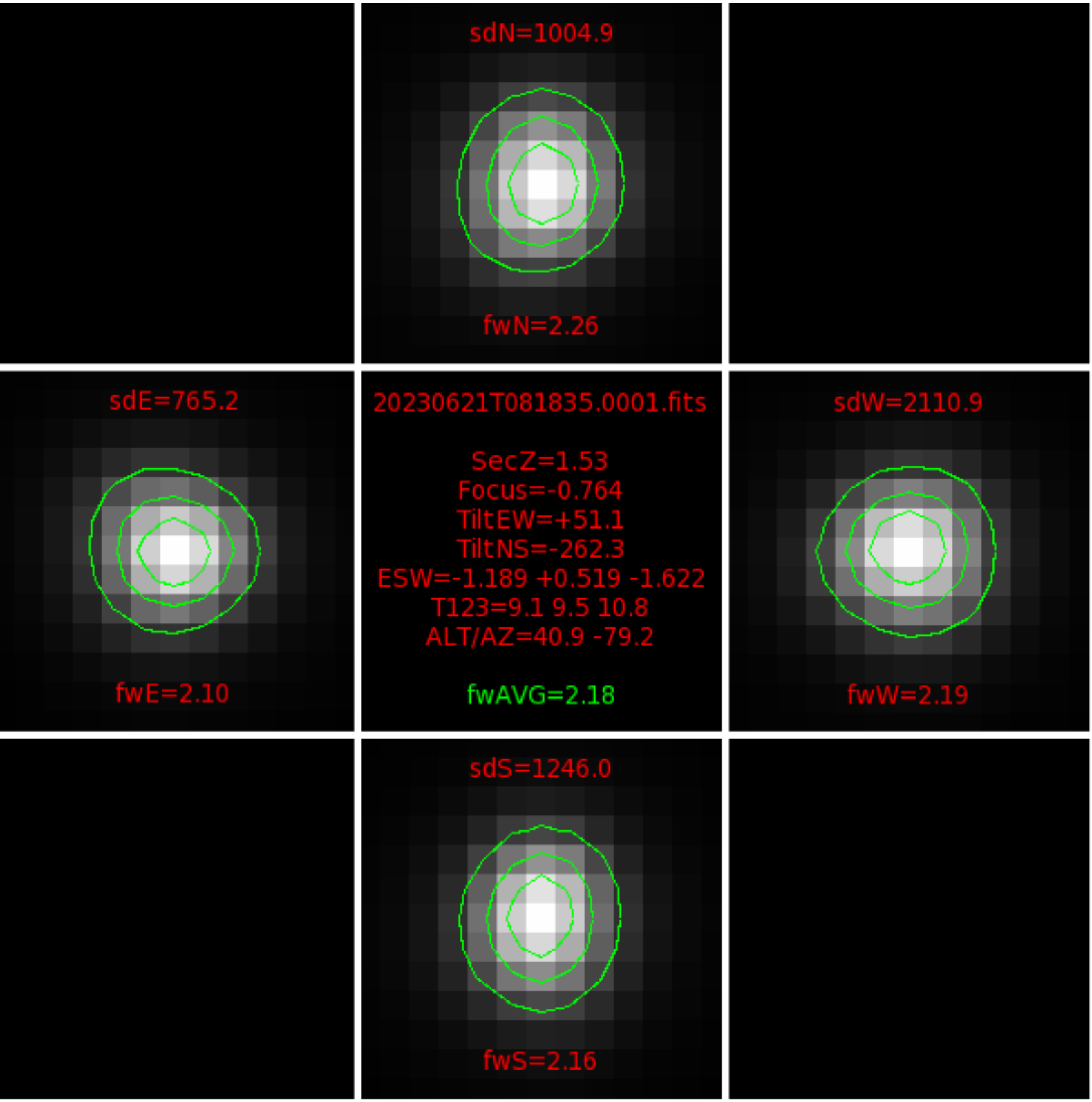
sdN=1004.9
fwN=2.26
sdE=765.2
fwE=2.10
20230621T081835.0001.fits
SecZ=1.53
Focus=-0.764
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.189 +0.519 -1.622
T123=9.1 9.5 10.8
ALT/AZ=40.9 -79.2
fwAVG=2.18
sdW=2110.9
fwW=2.19
sdS=1246.0
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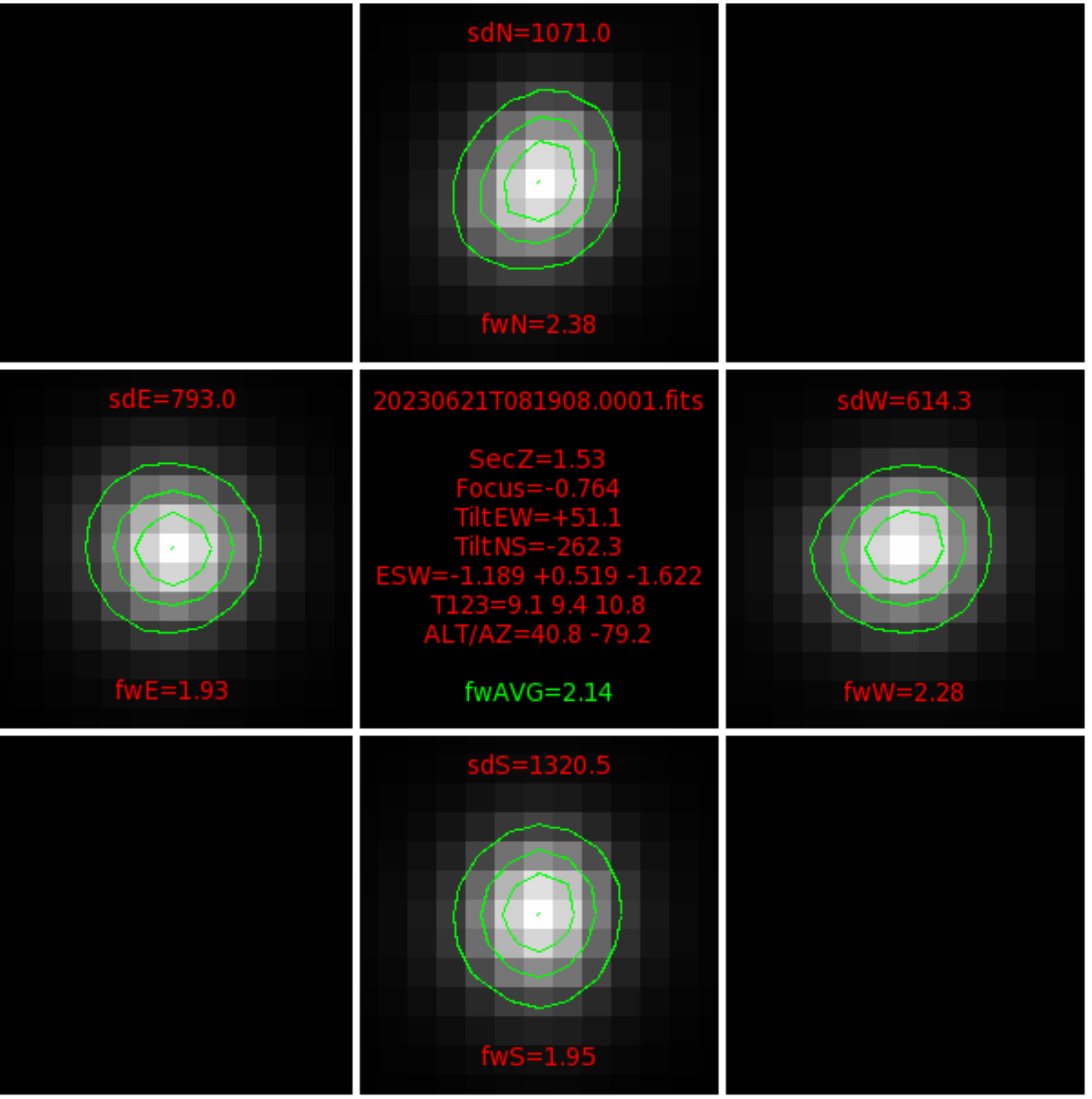
sdN=1071.0
fwN=2.38
sdE=793.0
fwE=1.93
20230621T081908.0001.fits
SecZ=1.53
Focus=-0.764
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.189 +0.519 -1.622
T123=9.1 9.4 10.8
ALT/AZ=40.8 -79.2
fwAVG=2.14
sdW=614.3
fwW=2.28
sdS=1320.5
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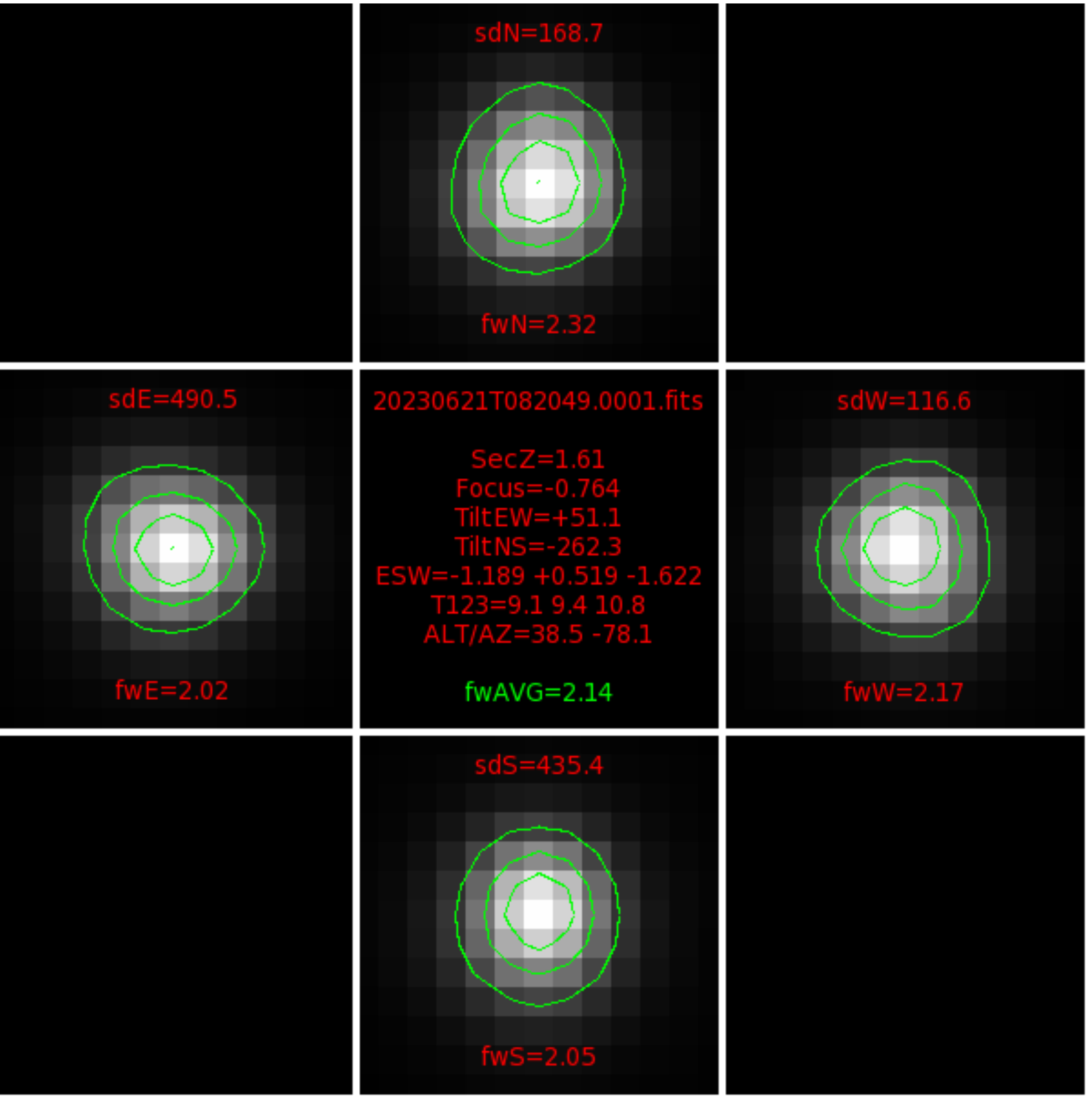
sdN=168.7
fwN=2.32
sdE=490.5
fwE=2.02
20230621T082049.0001.fits
SecZ=1.61
Focus=-0.764
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.189 +0.519 -1.622
T123=9.1 9.4 10.8
ALT/AZ=38.5 -78.1
fwAVG=2.14
sdW=116.6
fwW=2.17
sdS=435.4
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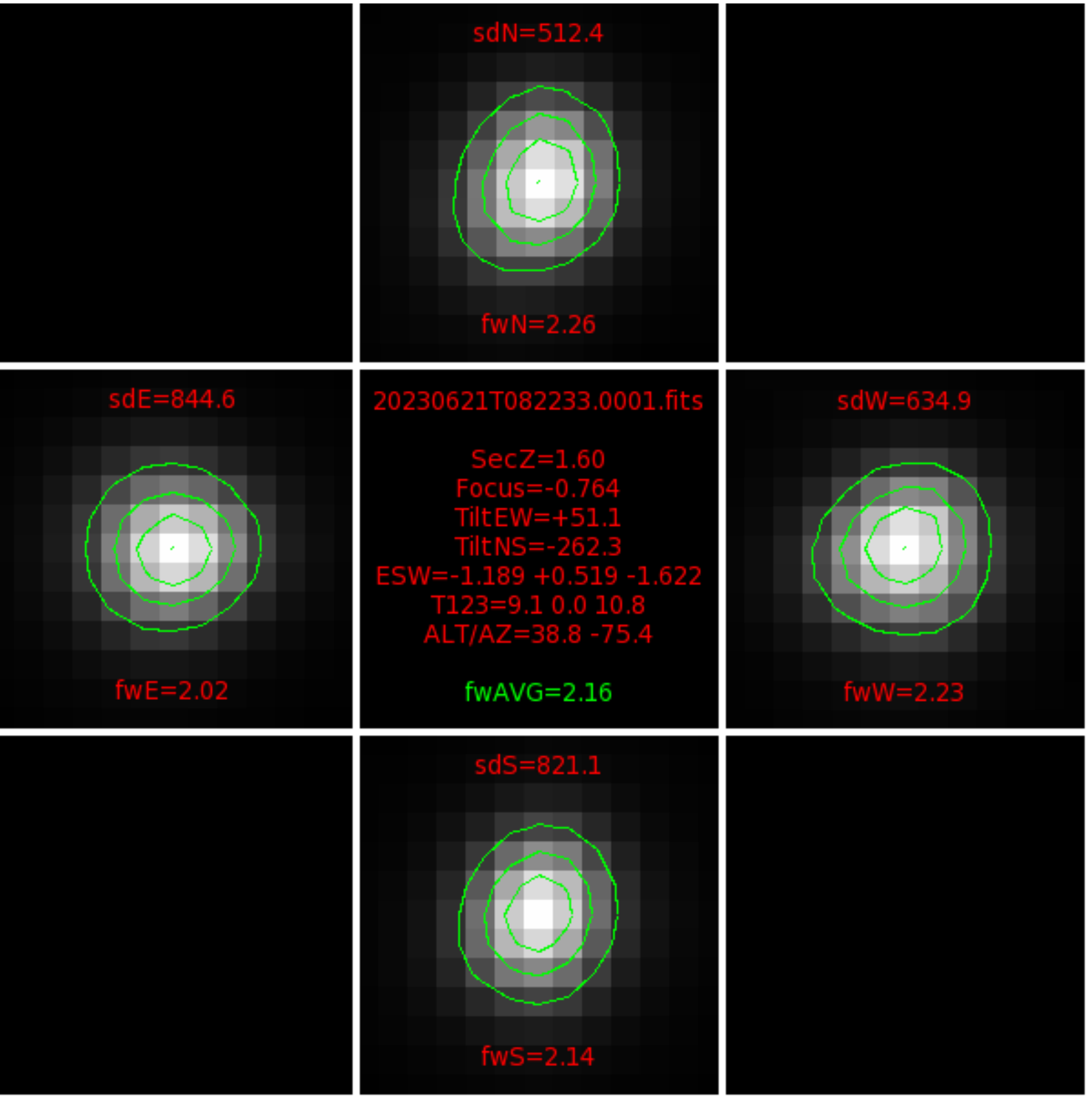
sdN=512.4
fwN=2.26
sdE=844.6
fwE=2.02
20230621T082233.0001.fits
SecZ=1.60
Focus=-0.764
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.189 +0.519 -1.622
T123=9.1 0.0 10.8
ALT/AZ=38.8 -75.4
fwAVG=2.16
sdW=634.9
fwW=2.23
sdS=821.1
fwS=2.14
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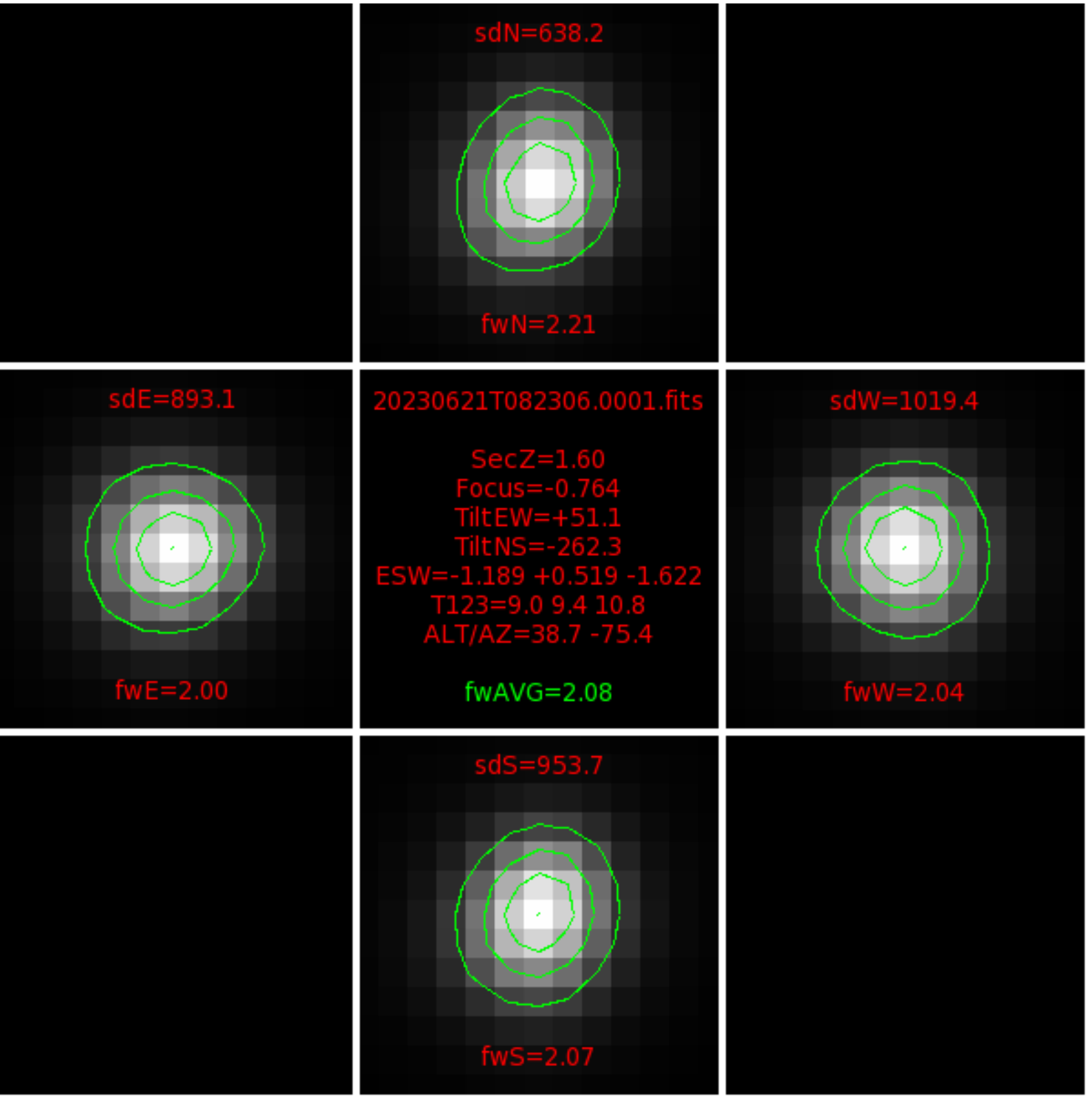
sdN=638.2
fwN=2.21
sdE=893.1
fwE=2.00
20230621T082306.0001.fits
SecZ=1.60
Focus=-0.764
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.189 +0.519 -1.622
T123=9.0 9.4 10.8
ALT/AZ=38.7 -75.4
fwAVG=2.08
sdW=1019.4
fwW=2.04
sdS=953.7
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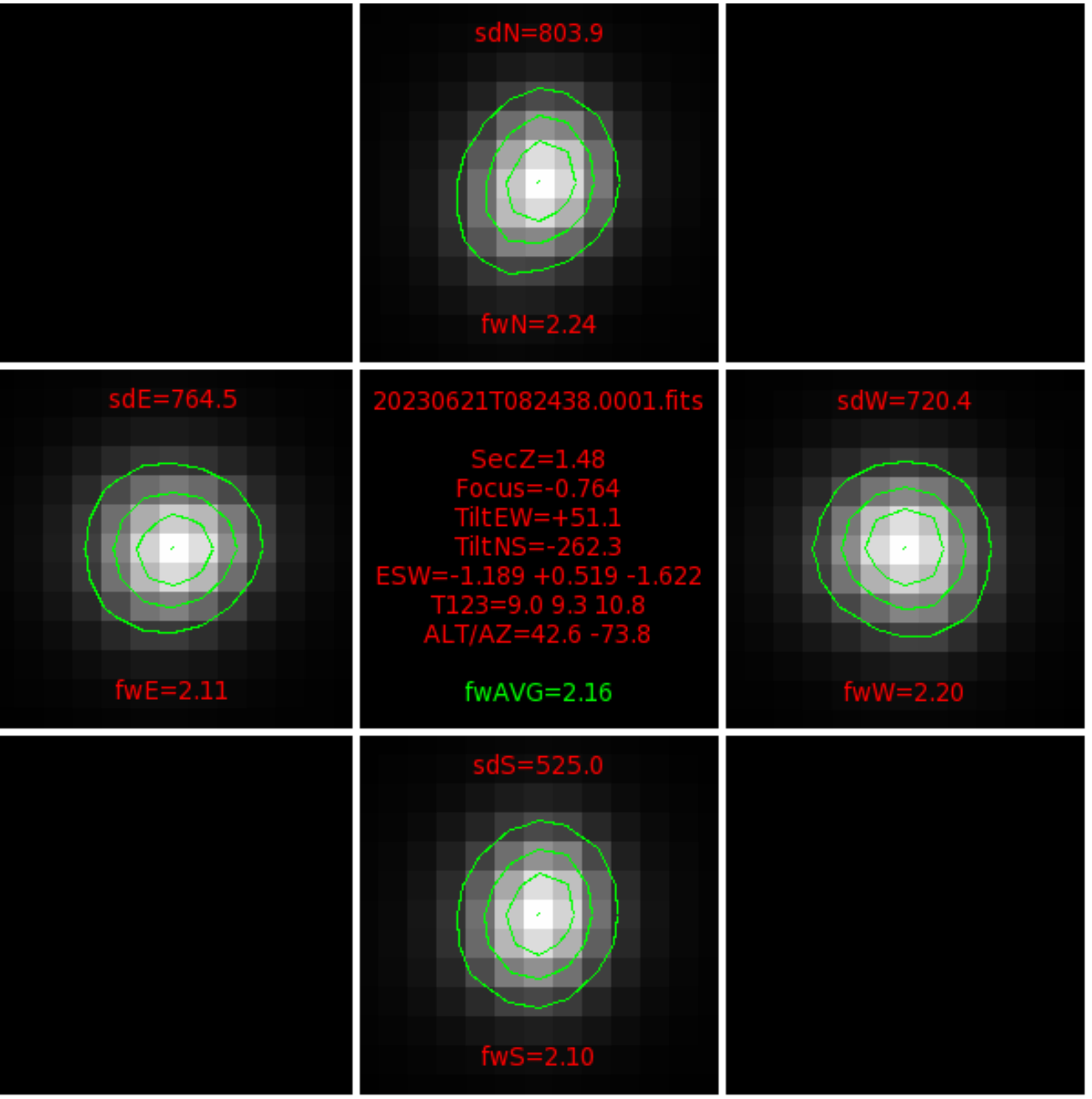
sdN=803.9
fwN=2.24
sdE=764.5
fwE=2.11
20230621T082438.0001.fits
SecZ=1.48
Focus=-0.764
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.189 +0.519 -1.622
T123=9.0 9.3 10.8
ALT/AZ=42.6 -73.8
fwAVG=2.16
sdW=720.4
fwW=2.20
sdS=525.0
fwS=2.10
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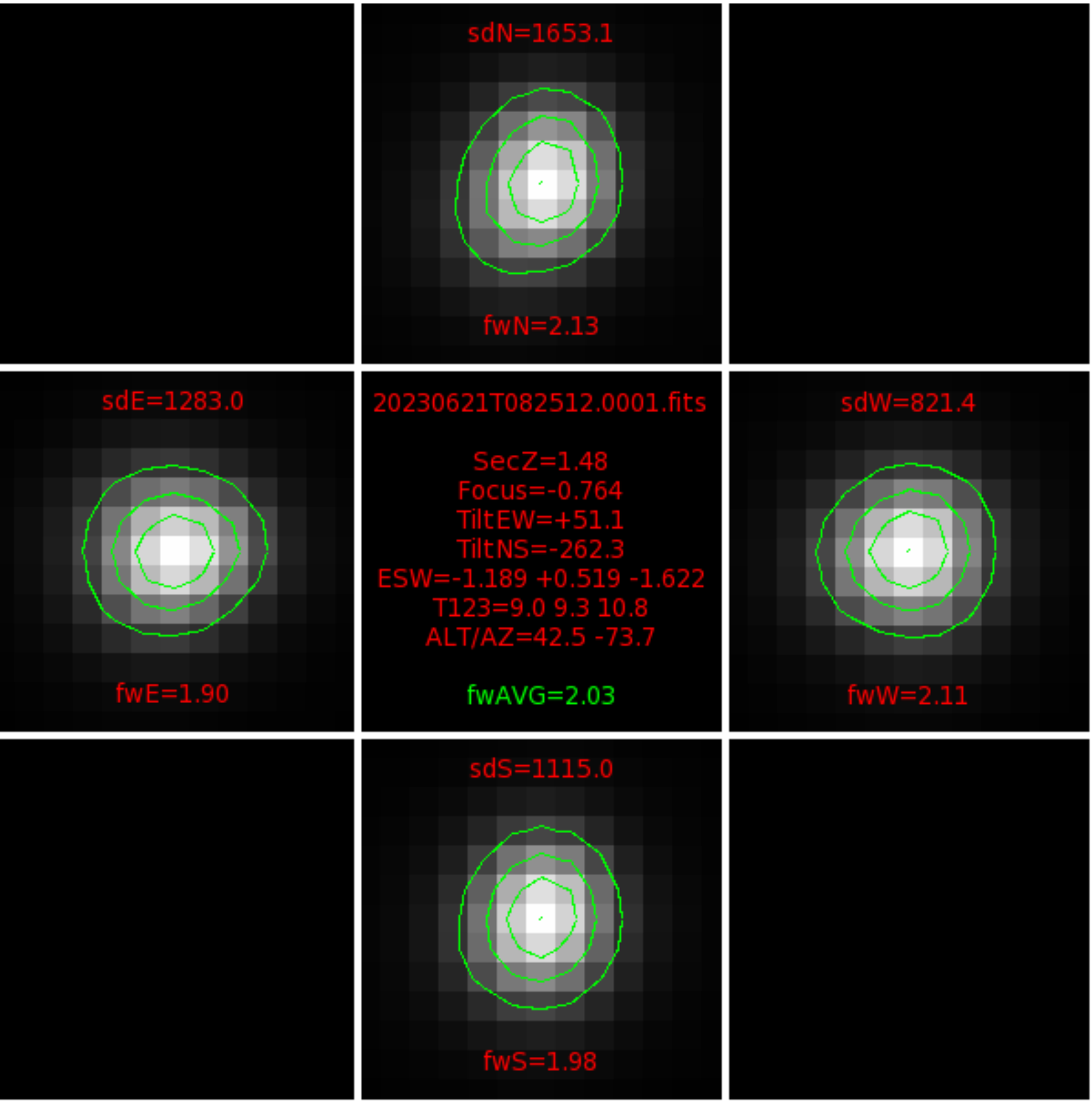
sdN=1653.1
fwN=2.13
sdE=1283.0
fwE=1.90
20230621T082512.0001.fits
SecZ=1.48
Focus=-0.764
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.189 +0.519 -1.622
T123=9.0 9.3 10.8
ALT/AZ=42.5 -73.7
fwAVG=2.03
sdW=821.4
fwW=2.11
sdS=1115.0
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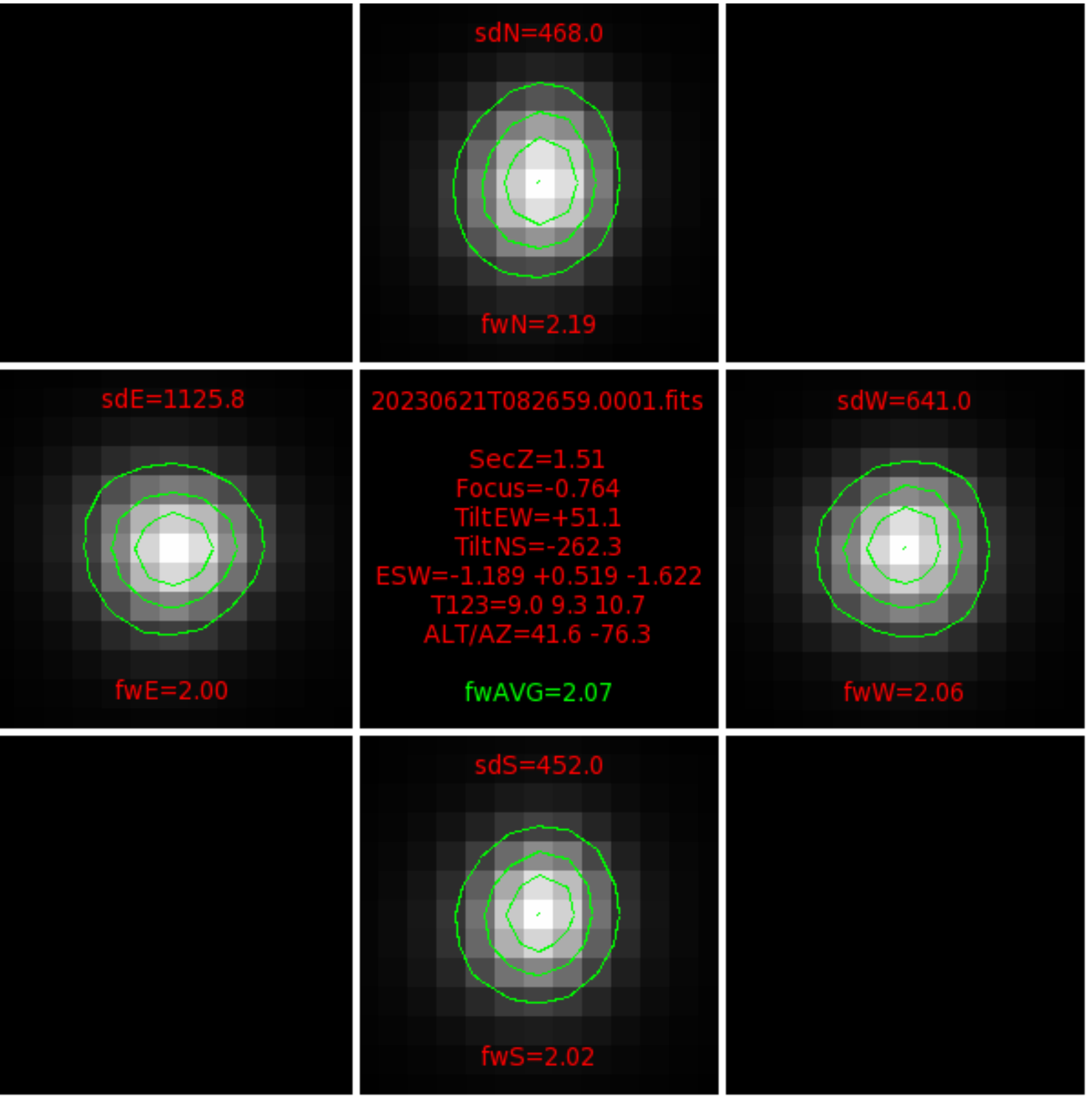
sdN=468.0
fwN=2.19
sdE=1125.8
fwE=2.00
20230621T082659.0001.fits
SecZ=1.51
Focus=-0.764
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.189 +0.519 -1.622
T123=9.0 9.3 10.7
ALT/AZ=41.6 -76.3
fwAVG=2.07
sdW=641.0
fwW=2.06
sdS=452.0
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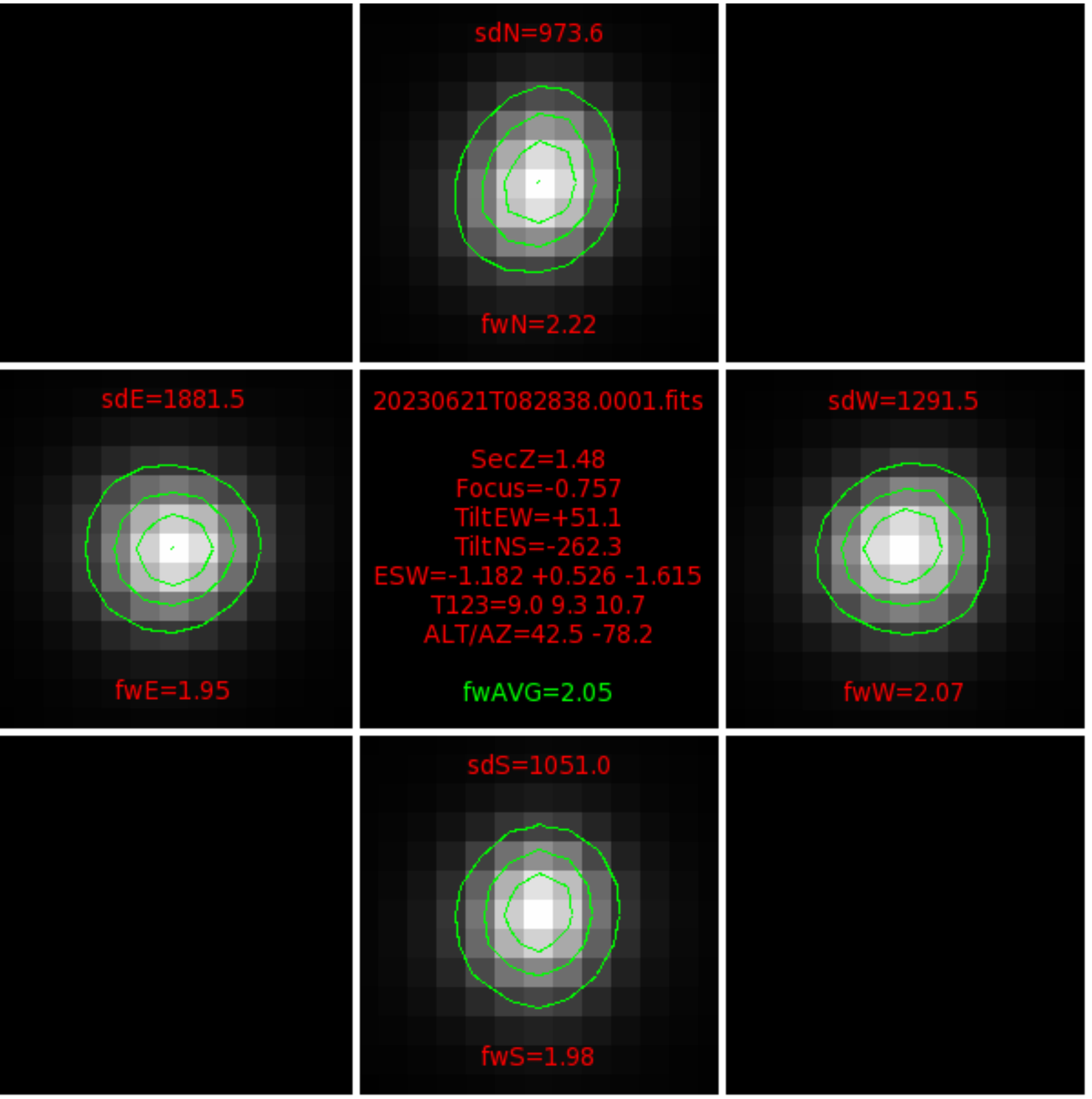
sdN=973.6
fwN=2.22
sdE=1881.5
fwE=1.95
20230621T082838.0001.fits
SecZ=1.48
Focus=-0.757
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.182 +0.526 -1.615
T123=9.0 9.3 10.7
ALT/AZ=42.5 -78.2
fwAVG=2.05
sdW=1291.5
fwW=2.07
sdS=1051.0
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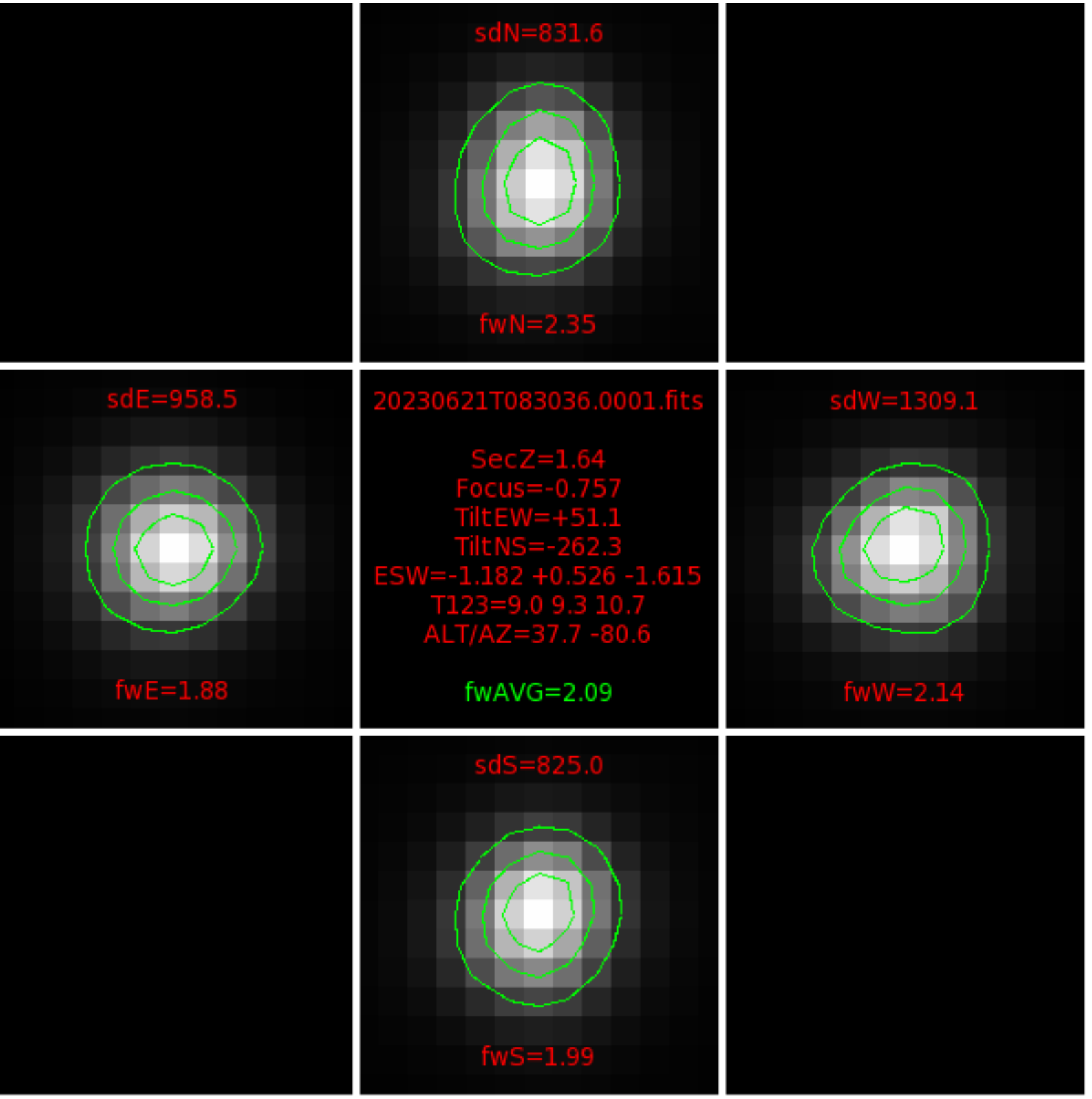
sdN=831.6
fwN=2.35
sdE=958.5
fwE=1.88
20230621T083036.0001.fits
SecZ=1.64
Focus=-0.757
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.182 +0.526 -1.615
T123=9.0 9.3 10.7
ALT/AZ=37.7 -80.6
fwAVG=2.09
sdW=1309.1
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sdS=825.0
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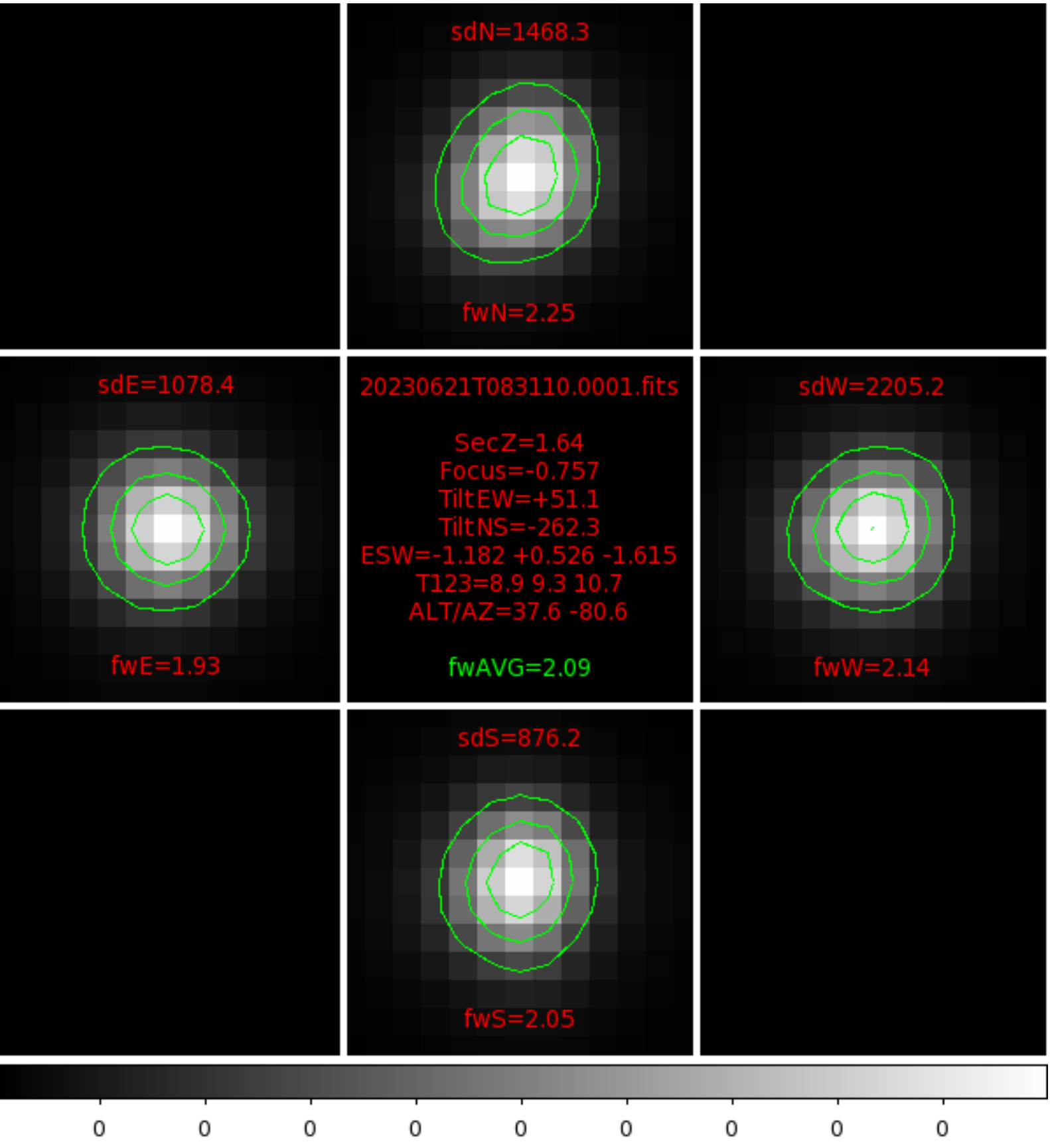
sdN=1468.3
fwN=2.25
sdE=1078.4
fwE=1.93
20230621T083110.0001.fits
SecZ=1.64
Focus=-0.757
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.182 +0.526 -1.615
T123=8.9 9.3 10.7
ALT/AZ=37.6 -80.6
fwAVG=2.09
sdW=2205.2
fwW=2.14
sdS=876.2
fwS=2.05
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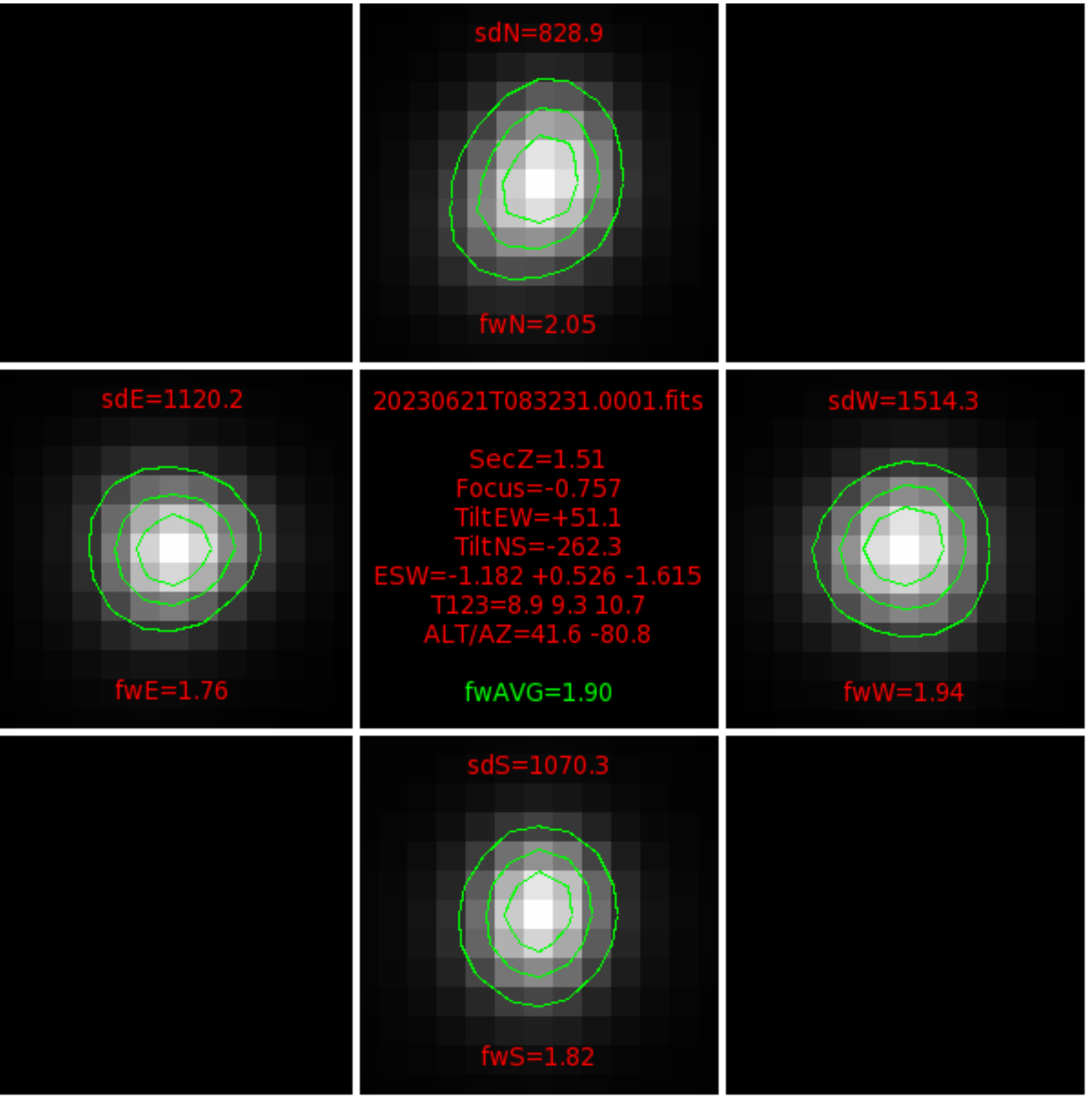
sdN=828.9
fwN=2.05
sdE=1120.2
fwE=1.76
20230621T083231.0001.fits
SecZ=1.51
Focus=-0.757
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.182 +0.526 -1.615
T123=8.9 9.3 10.7
ALT/AZ=41.6 -80.8
fwAVG=1.90
sdW=1514.3
fwW=1.94
sdS=1070.3
fwS=1.82
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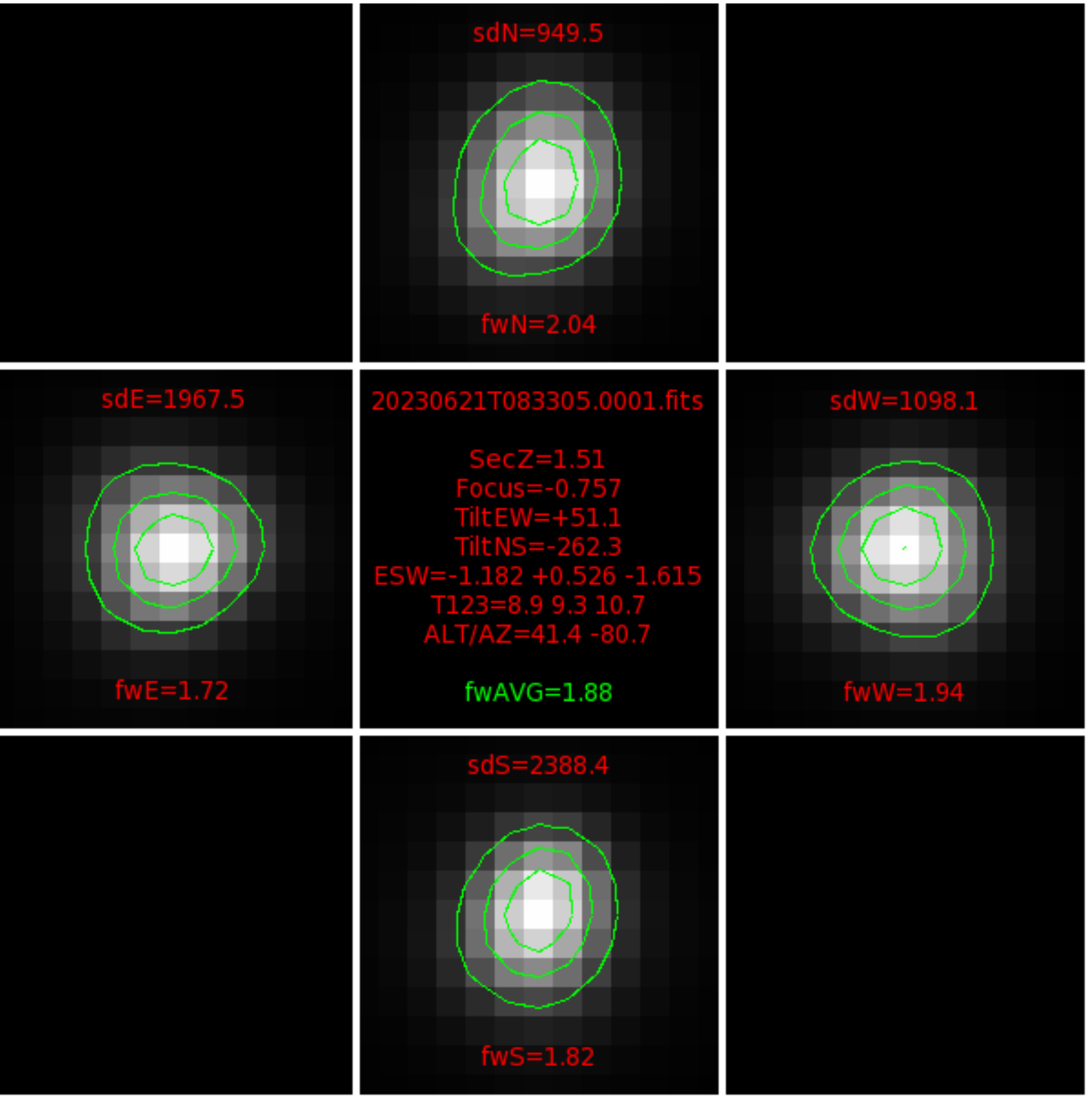
sdN=949.5
fwN=2.04
sdE=1967.5
fwE=1.72
20230621T083305.0001.fits
SecZ=1.51
Focus=-0.757
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.182 +0.526 -1.615
T123=8.9 9.3 10.7
ALT/AZ=41.4 -80.7
fwAVG=1.88
sdW=1098.1
fwW=1.94
sdS=2388.4
fwS=1.82
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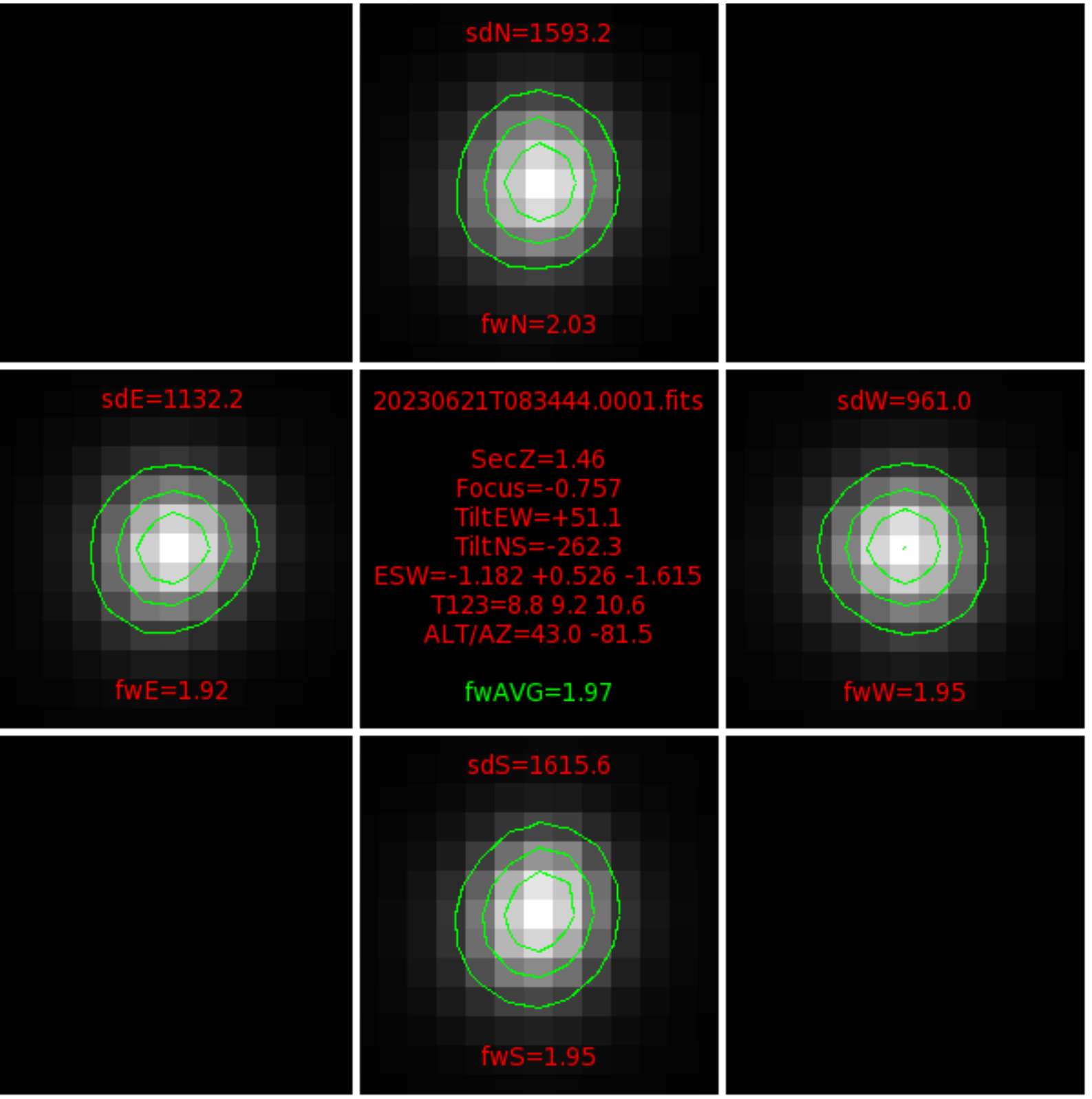
sdN=1593.2
fwN=2.03
sdE=1132.2
fwE=1.92
20230621T083444.0001.fits
SecZ=1.46
Focus=-0.757
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.182 +0.526 -1.615
T123=8.8 9.2 10.6
ALT/AZ=43.0 -81.5
fwAVG=1.97
sdW=961.0
fwW=1.95
sdS=1615.6
fwS=1.95
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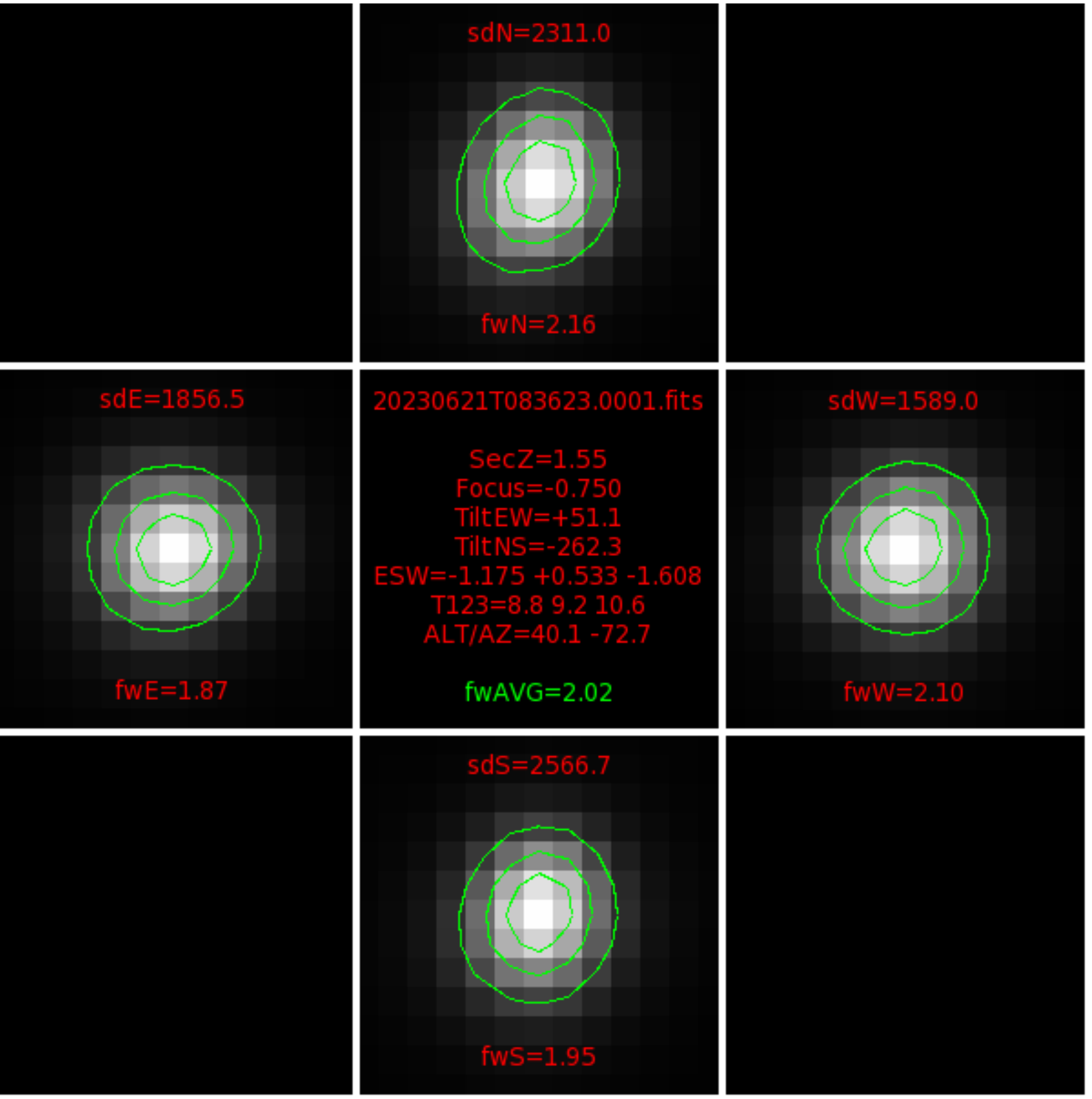
sdN=2311.0
fwN=2.16
sdE=1856.5
fwE=1.87
20230621T083623.0001.fits
SecZ=1.55
Focus=-0.750
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.175 +0.533 -1.608
T123=8.8 9.2 10.6
ALT/AZ=40.1 -72.7
fwAVG=2.02
sdW=1589.0
fwW=2.10
sdS=2566.7
fwS=1.95
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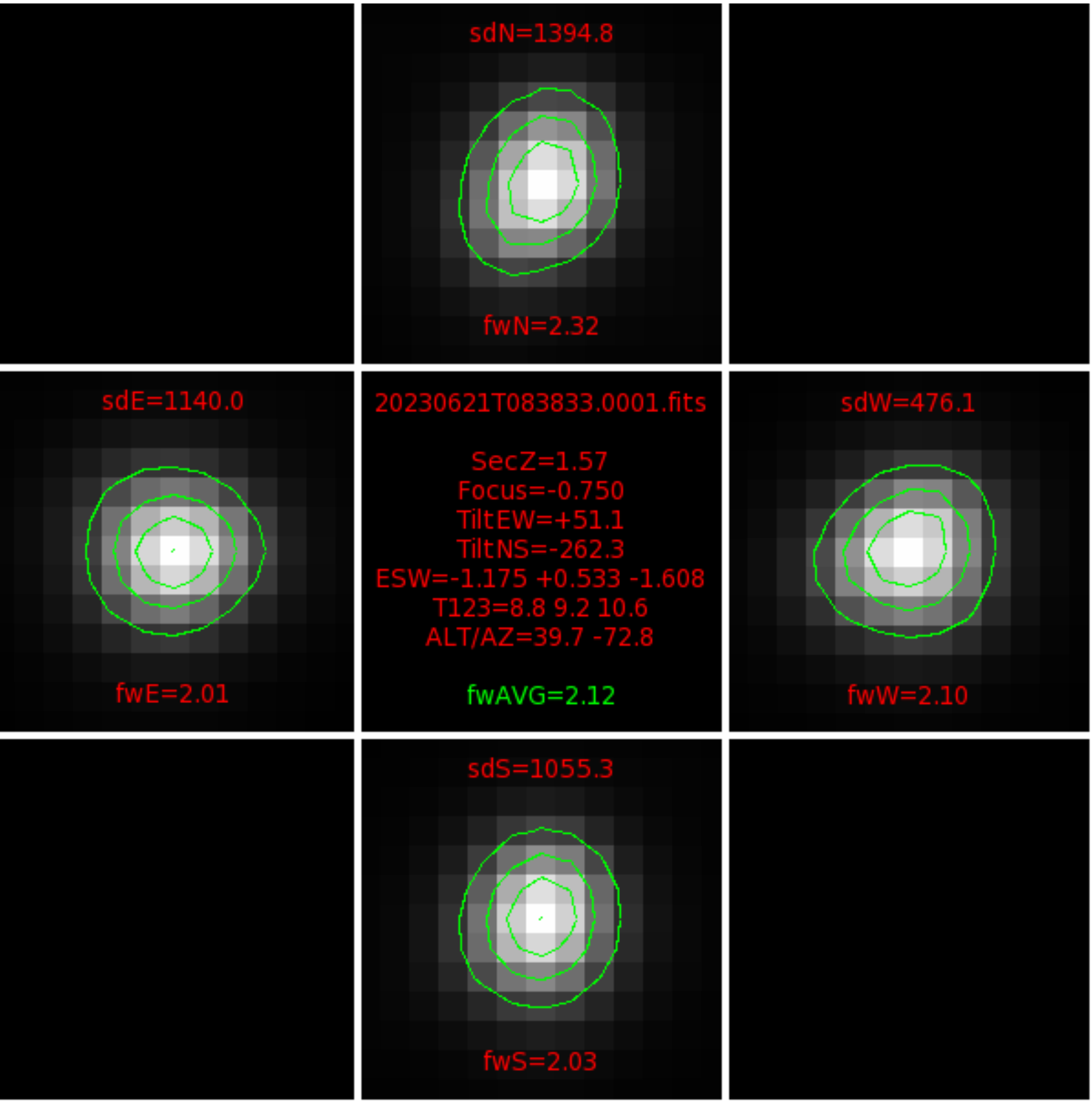
sdN=1394.8
fwN=2.32
sdE=1140.0
fwE=2.01
20230621T083833.0001.fits
SecZ=1.57
Focus=-0.750
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.175 +0.533 -1.608
T123=8.8 9.2 10.6
ALT/AZ=39.7 -72.8
fwAVG=2.12
sdW=476.1
fwW=2.10
sdS=1055.3
fwS=2.03
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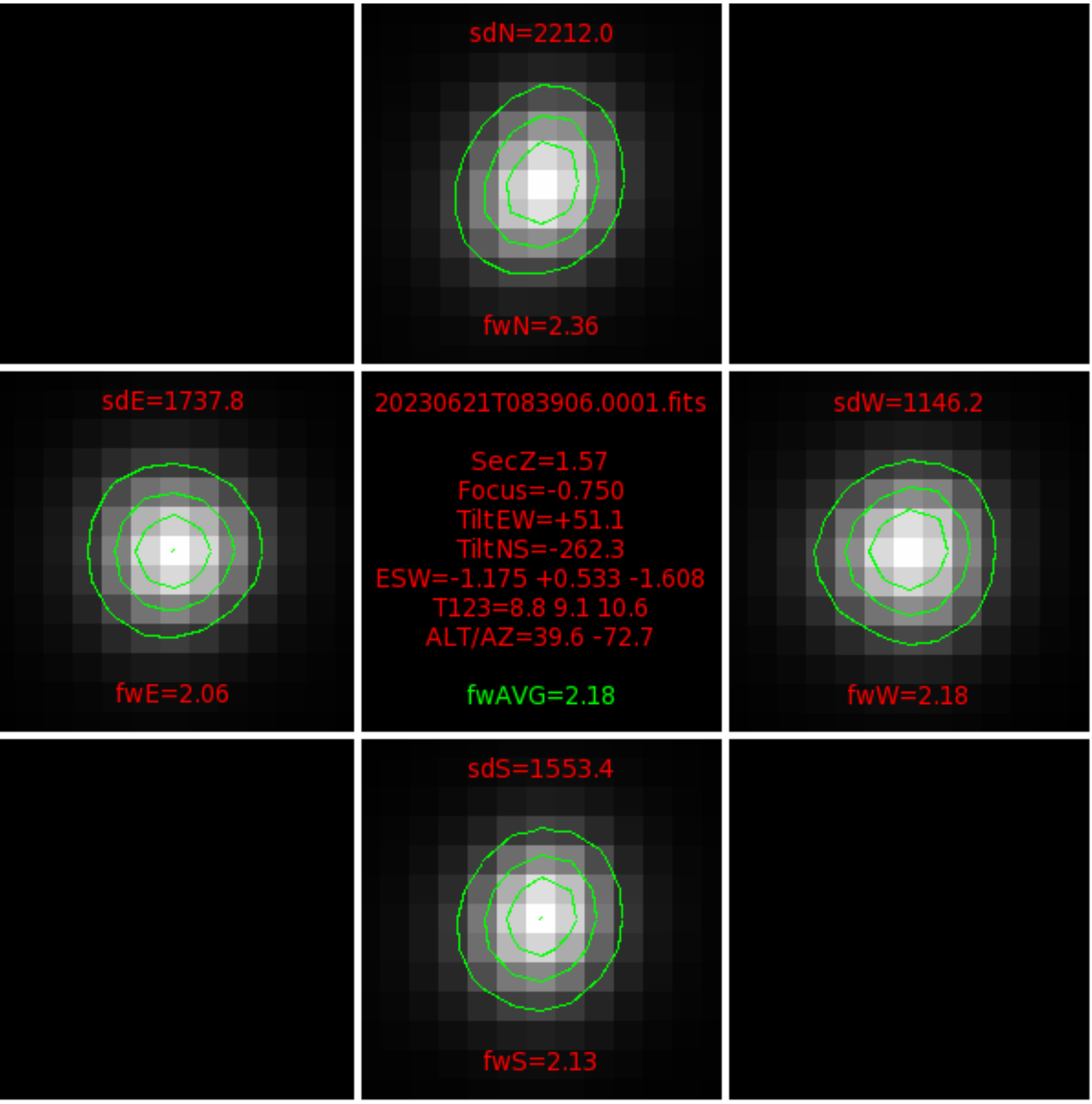
sdN=2212.0
fwN=2.36
sdE=1737.8
fwE=2.06
20230621T083906.0001.fits
SecZ=1.57
Focus=-0.750
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.175 +0.533 -1.608
T123=8.8 9.1 10.6
ALT/AZ=39.6 -72.7
fwAVG=2.18
sdW=1146.2
fwW=2.18
sdS=1553.4
fwS=2.13
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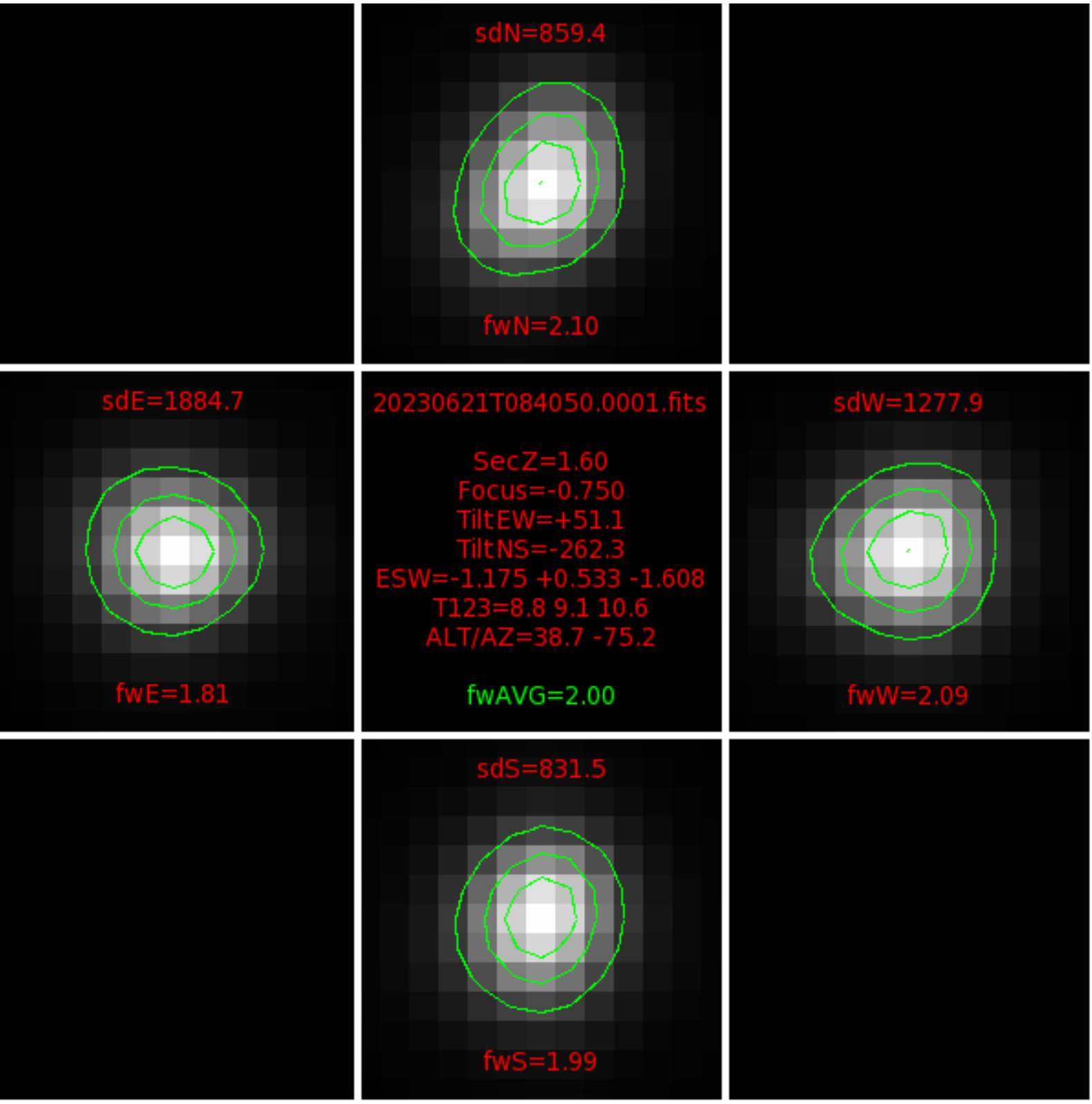
sdN=859.4
fwN=2.10
sdE=1884.7
fwE=1.81
20230621T084050.0001.fits
SecZ=1.60
Focus=-0.750
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.175 +0.533 -1.608
T123=8.8 9.1 10.6
ALT/AZ=38.7 -75.2
fwAVG=2.00
sdW=1277.9
fwW=2.09
sdS=831.5
fwS=1.99
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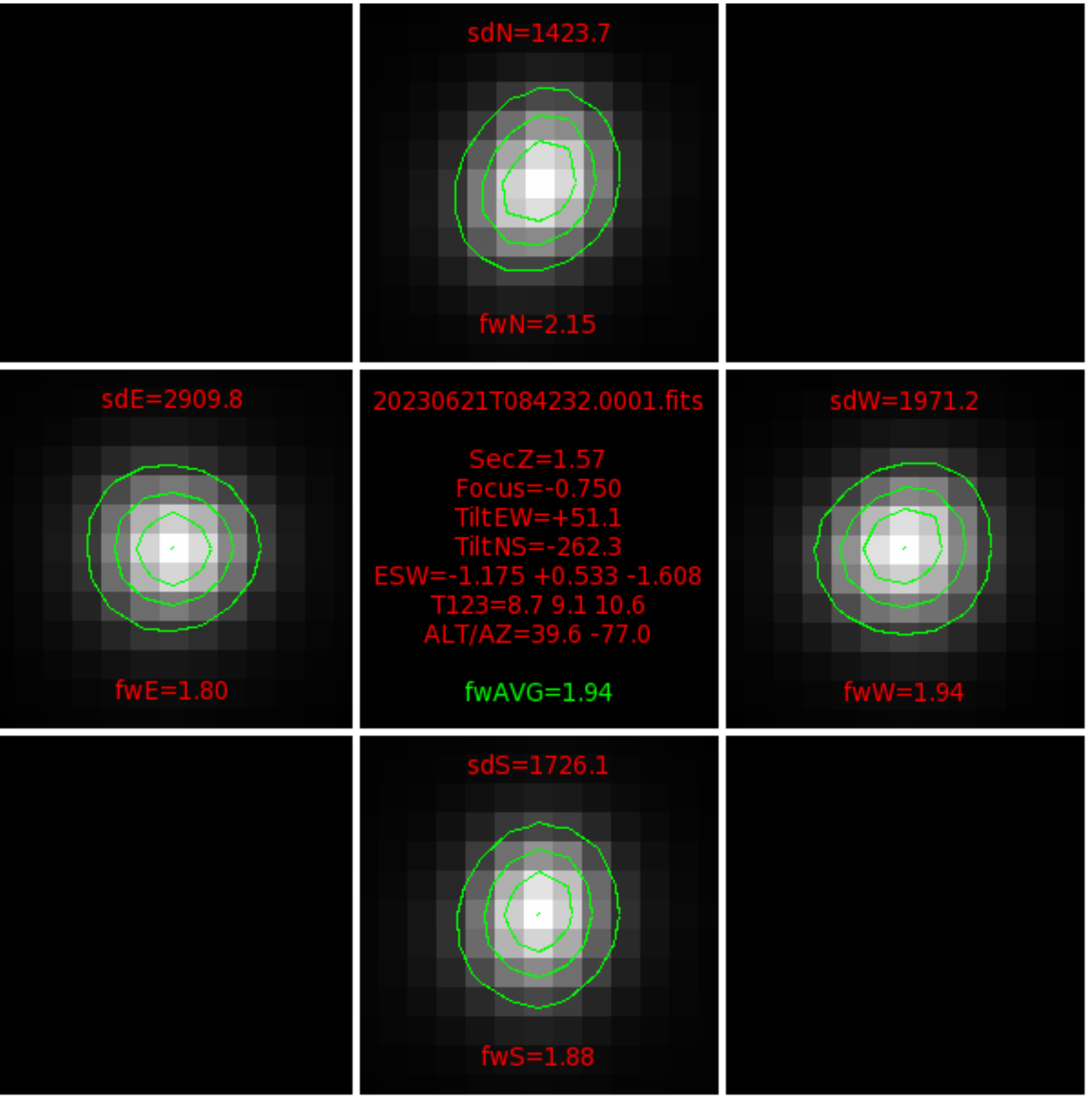
sdN=1423.7
fwN=2.15
sdE=2909.8
fwE=1.80
20230621T084232.0001.fits
SecZ=1.57
Focus=-0.750
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.175 +0.533 -1.608
T123=8.7 9.1 10.6
ALT/AZ=39.6 -77.0
fwAVG=1.94
sdW=1971.2
fwW=1.94
sdS=1726.1
fwS=1.88
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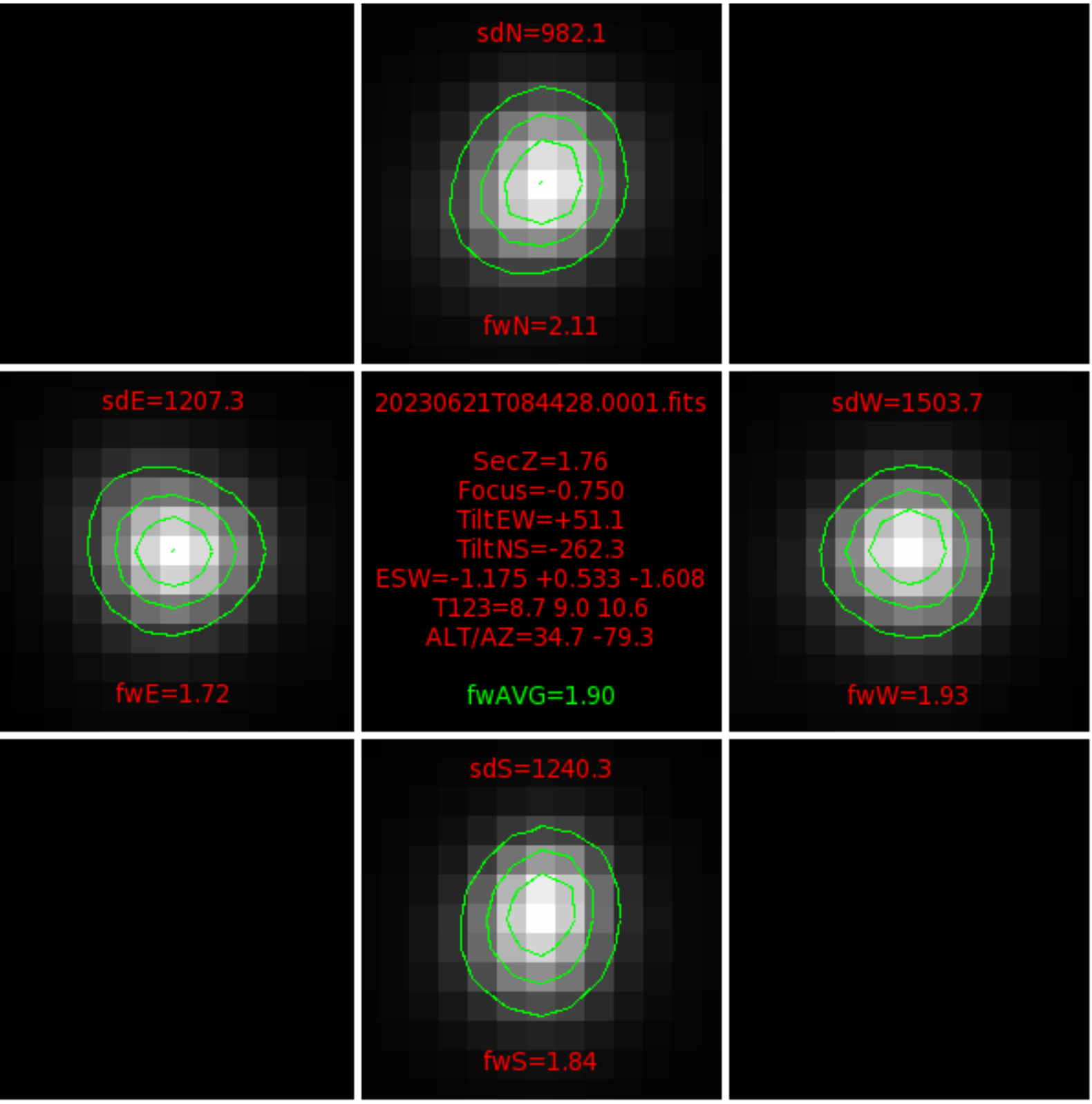
sdN=982.1
fwN=2.11
sdE=1207.3
fwE=1.72
20230621T084428.0001.fits
SecZ=1.76
Focus=-0.750
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.175 +0.533 -1.608
T123=8.7 9.0 10.6
ALT/AZ=34.7 -79.3
fwAVG=1.90
sdW=1503.7
fwW=1.93
sdS=1240.3
fwS=1.84
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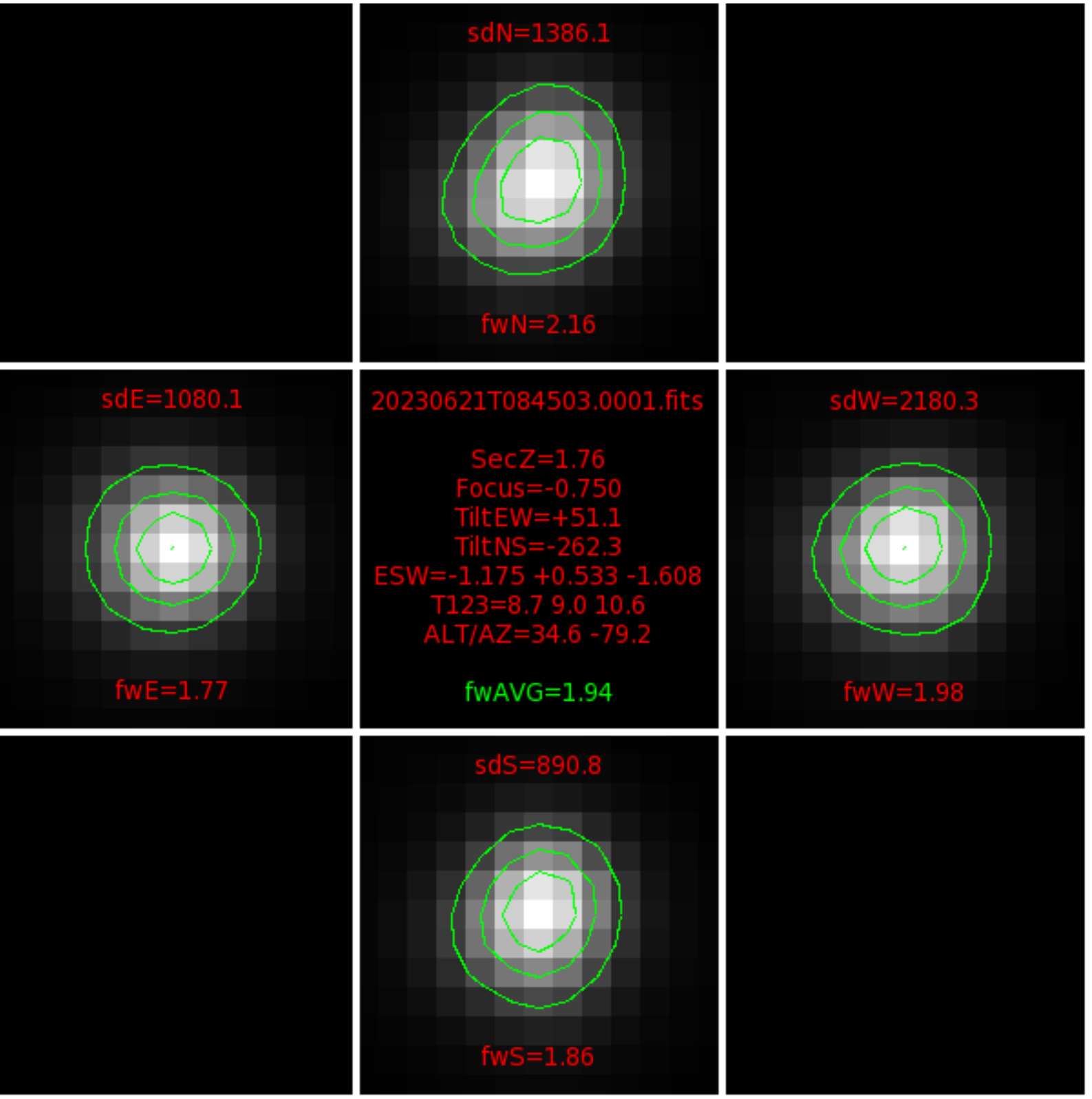
sdN=1386.1
fwN=2.16
sdE=1080.1
fwE=1.77
20230621T084503.0001.fits
SecZ=1.76
Focus=-0.750
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.175 +0.533 -1.608
T123=8.7 9.0 10.6
ALT/AZ=34.6 -79.2
fwAVG=1.94
sdW=2180.3
fwW=1.98
sdS=890.8
fwS=1.86
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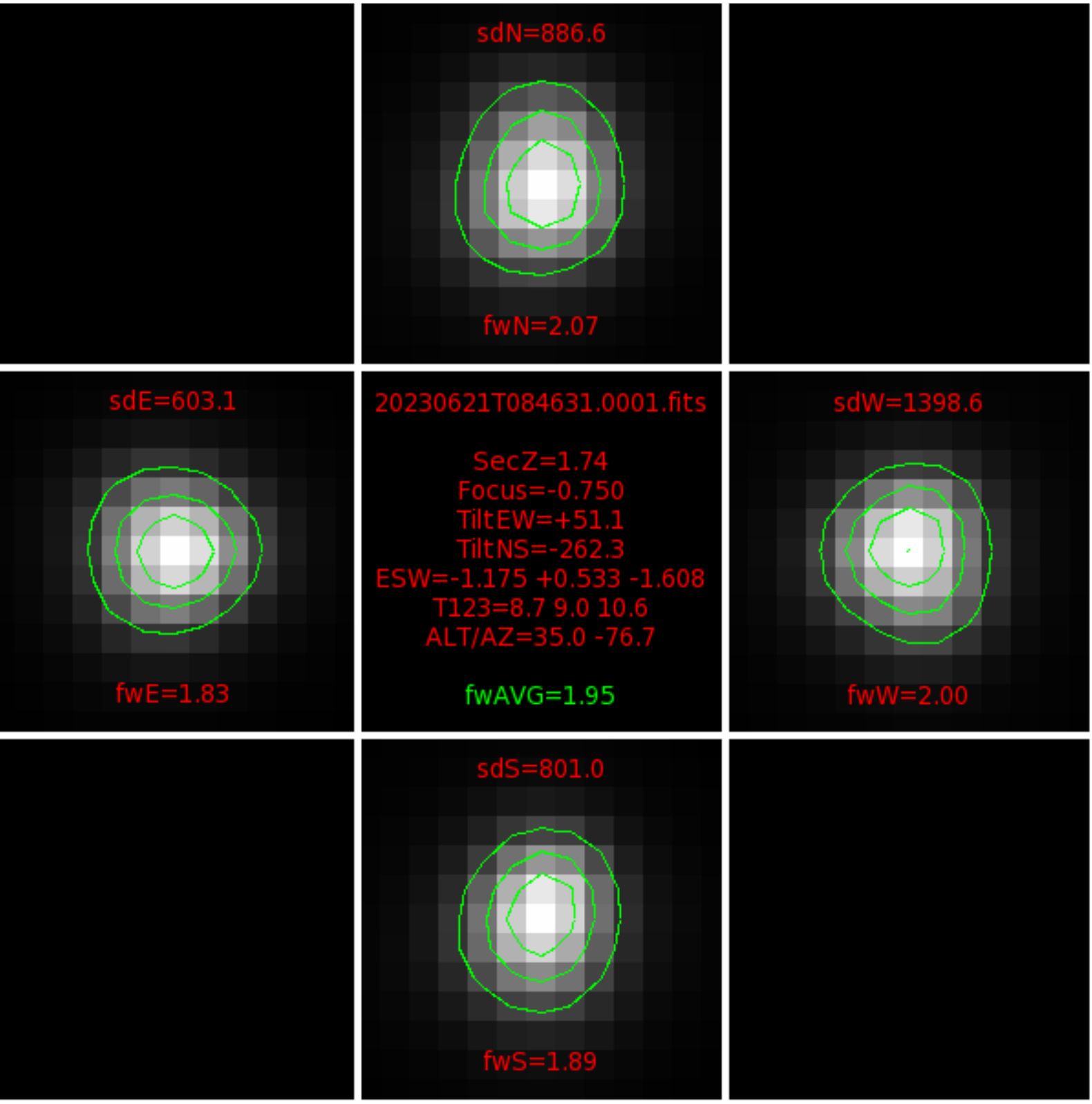
sdN=886.6
fwN=2.07
sdE=603.1
fwE=1.83
20230621T084631.0001.fits
SecZ=1.74
Focus=-0.750
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.175 +0.533 -1.608
T123=8.7 9.0 10.6
ALT/AZ=35.0 -76.7
fwAVG=1.95
sdW=1398.6
fwW=2.00
sdS=801.0
fwS=1.89
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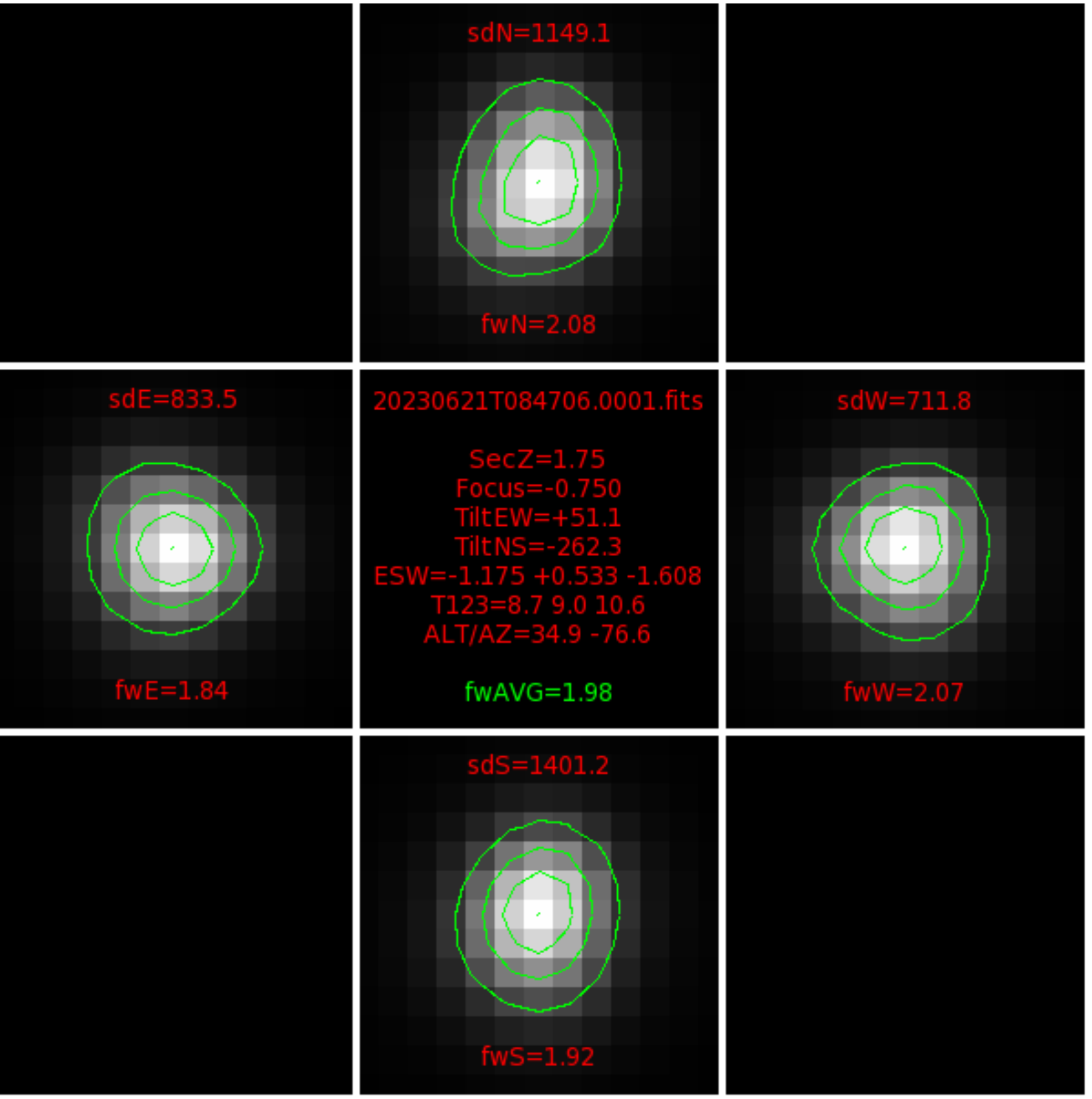
sdN=1149.1
fwN=2.08
sdE=833.5
fwE=1.84
20230621T084706.0001.fits
SecZ=1.75
Focus=-0.750
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.175 +0.533 -1.608
T123=8.7 9.0 10.6
ALT/AZ=34.9 -76.6
fwAVG=1.98
sdW=711.8
fwW=2.07
sdS=1401.2
fwS=1.92
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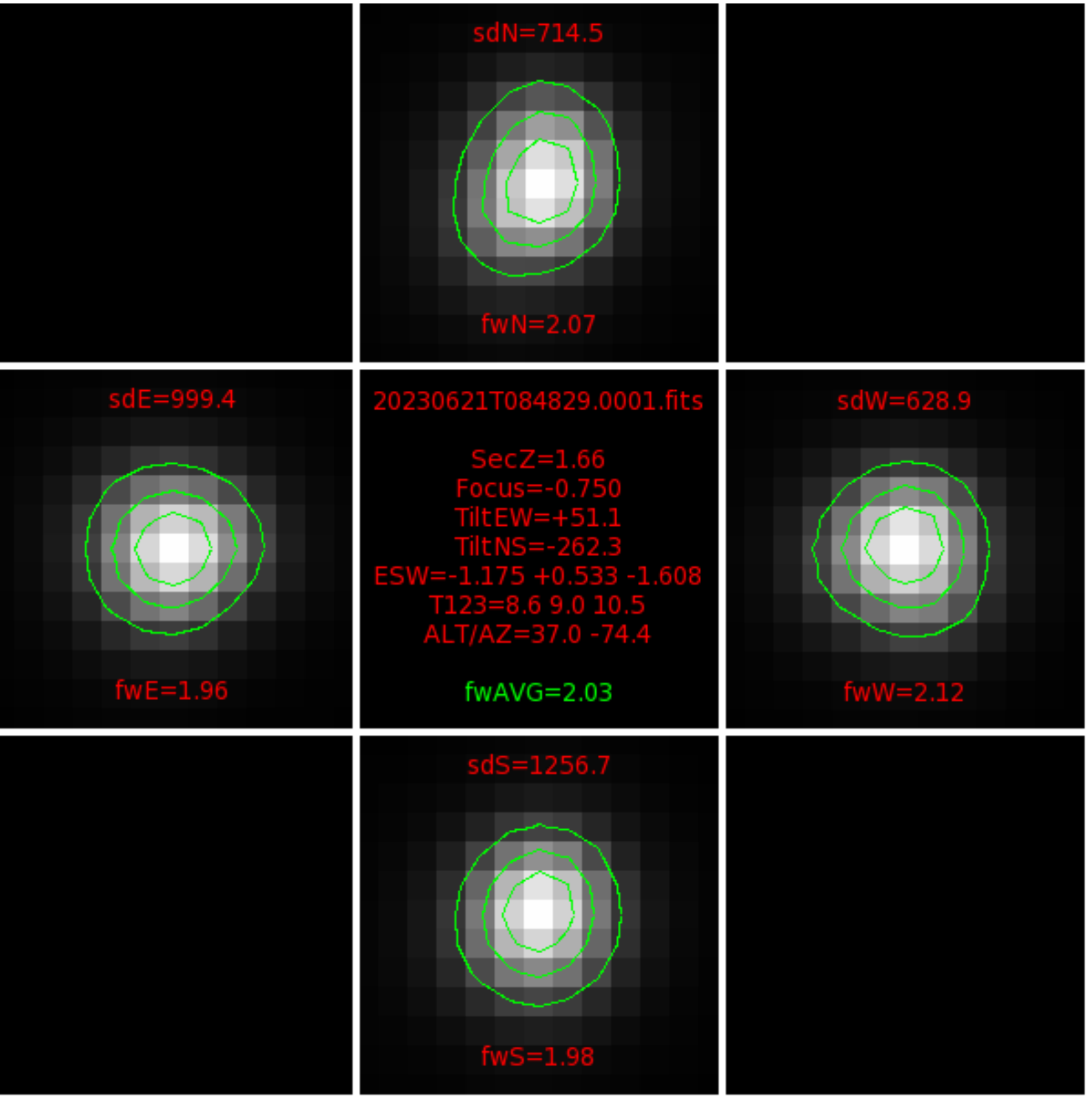
sdN=714.5
fwN=2.07
sdE=999.4
fwE=1.96
20230621T084829.0001.fits
SecZ=1.66
Focus=-0.750
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.175 +0.533 -1.608
T123=8.6 9.0 10.5
ALT/AZ=37.0 -74.4
fwAVG=2.03
sdW=628.9
fwW=2.12
sdS=1256.7
fwS=1.98
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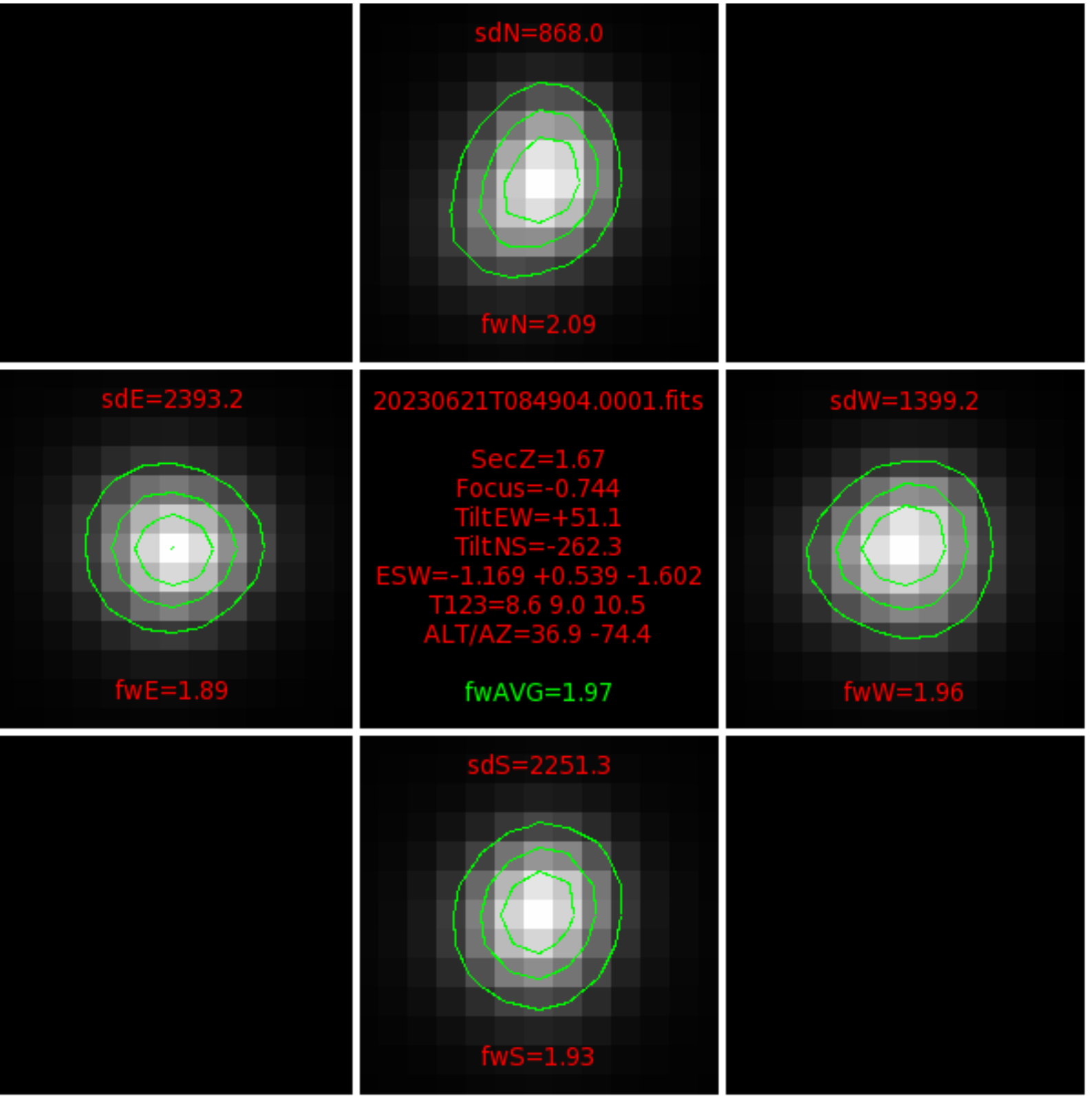
sdN=868.0
fwN=2.09
sdE=2393.2
fwE=1.89
20230621T084904.0001.fits
SecZ=1.67
Focus=-0.744
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.169 +0.539 -1.602
T123=8.6 9.0 10.5
ALT/AZ=36.9 -74.4
fwAVG=1.97
sdW=1399.2
fwW=1.96
sdS=2251.3
fwS=1.93
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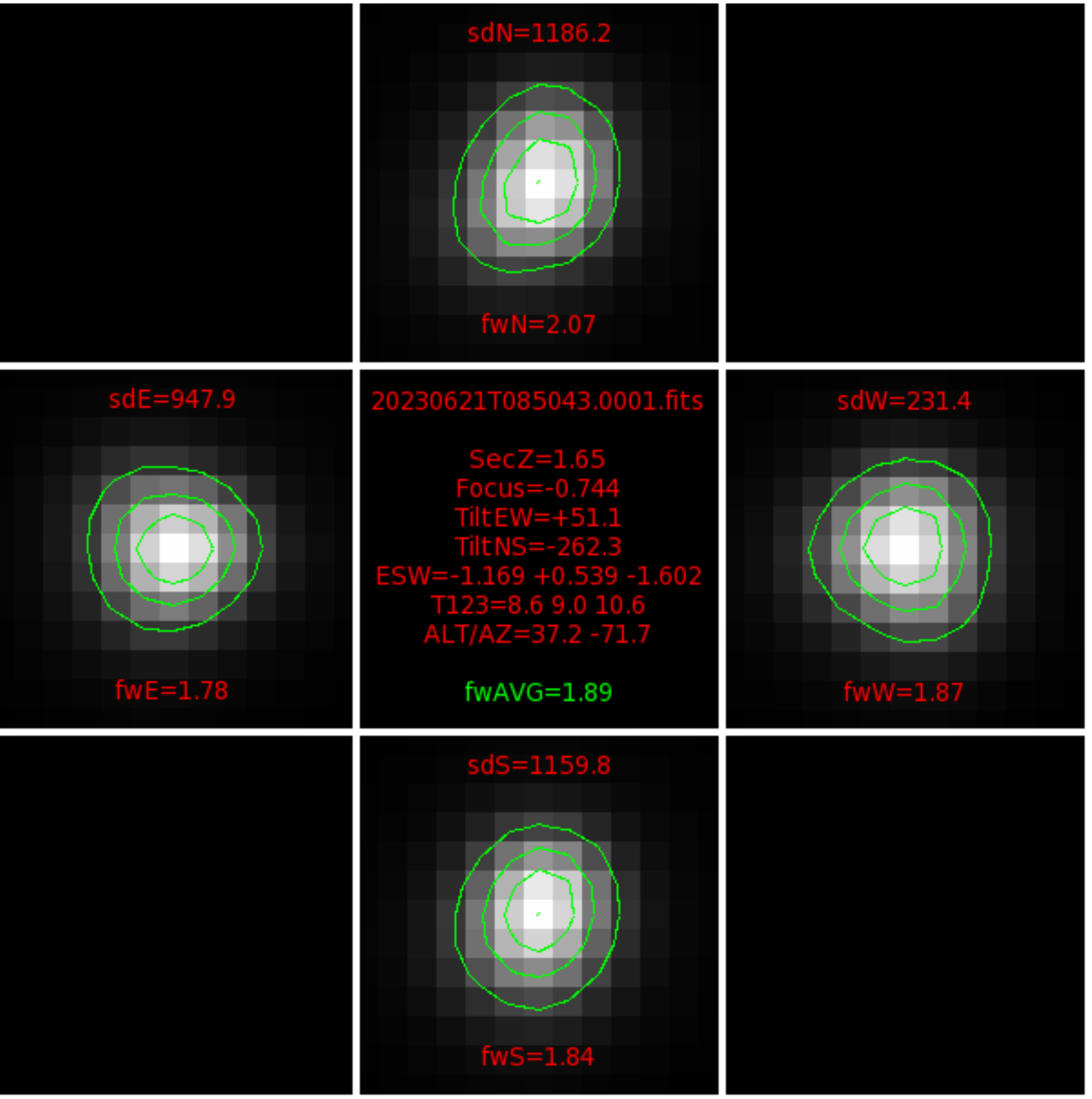
sdN=1186.2
fwN=2.07
sdE=947.9
fwE=1.78
20230621T085043.0001.fits
SecZ=1.65
Focus=-0.744
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.169 +0.539 -1.602
T123=8.6 9.0 10.6
ALT/AZ=37.2 -71.7
fwAVG=1.89
sdW=231.4
fwW=1.87
sdS=1159.8
fwS=1.84
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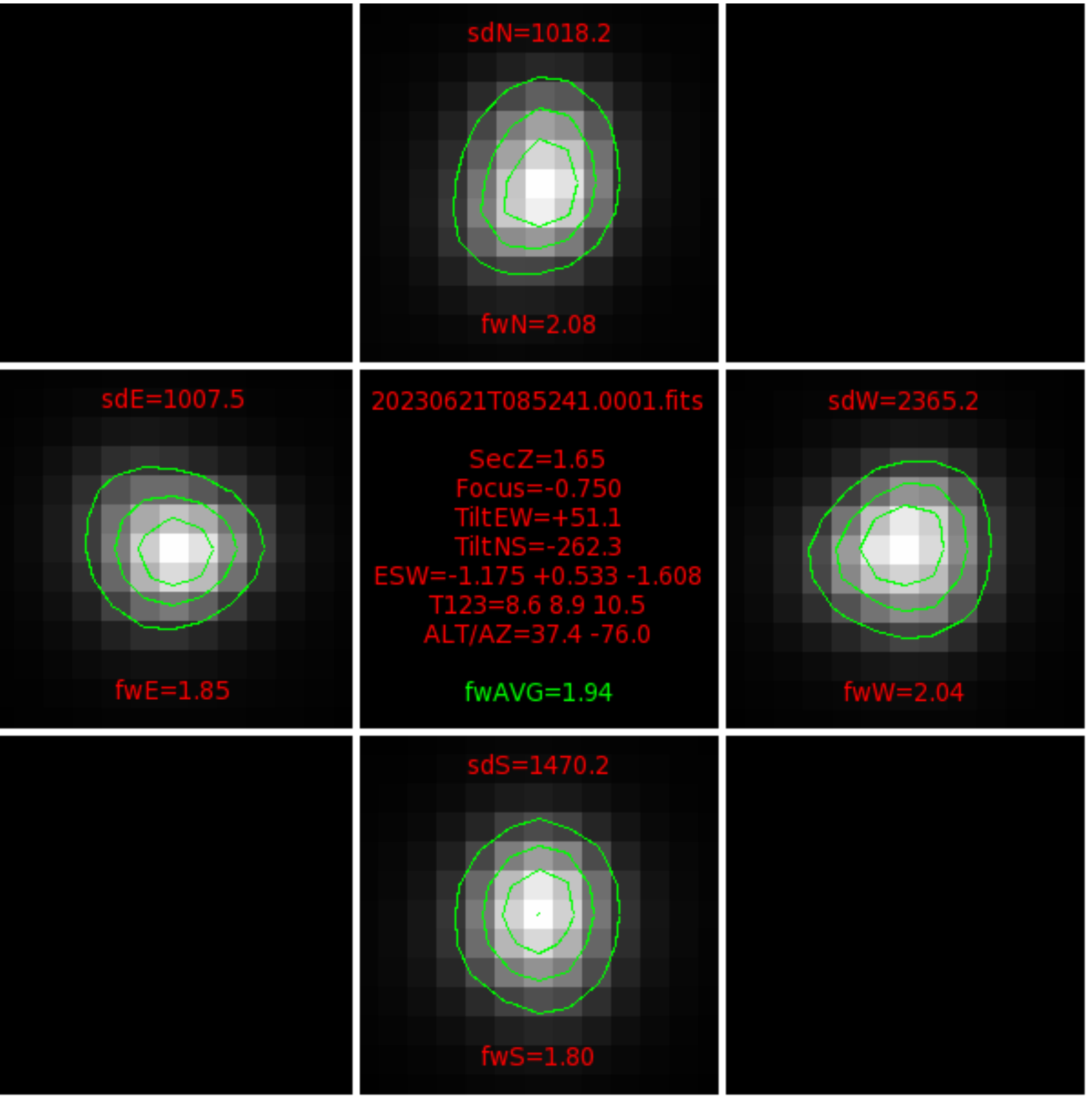
sdN=1018.2
fwN=2.08
sdE=1007.5
fwE=1.85
20230621T085241.0001.fits
SecZ=1.65
Focus=-0.750
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.175 +0.533 -1.608
T123=8.6 8.9 10.5
ALT/AZ=37.4 -76.0
fwAVG=1.94
sdW=2365.2
fwW=2.04
sdS=1470.2
fwS=1.80
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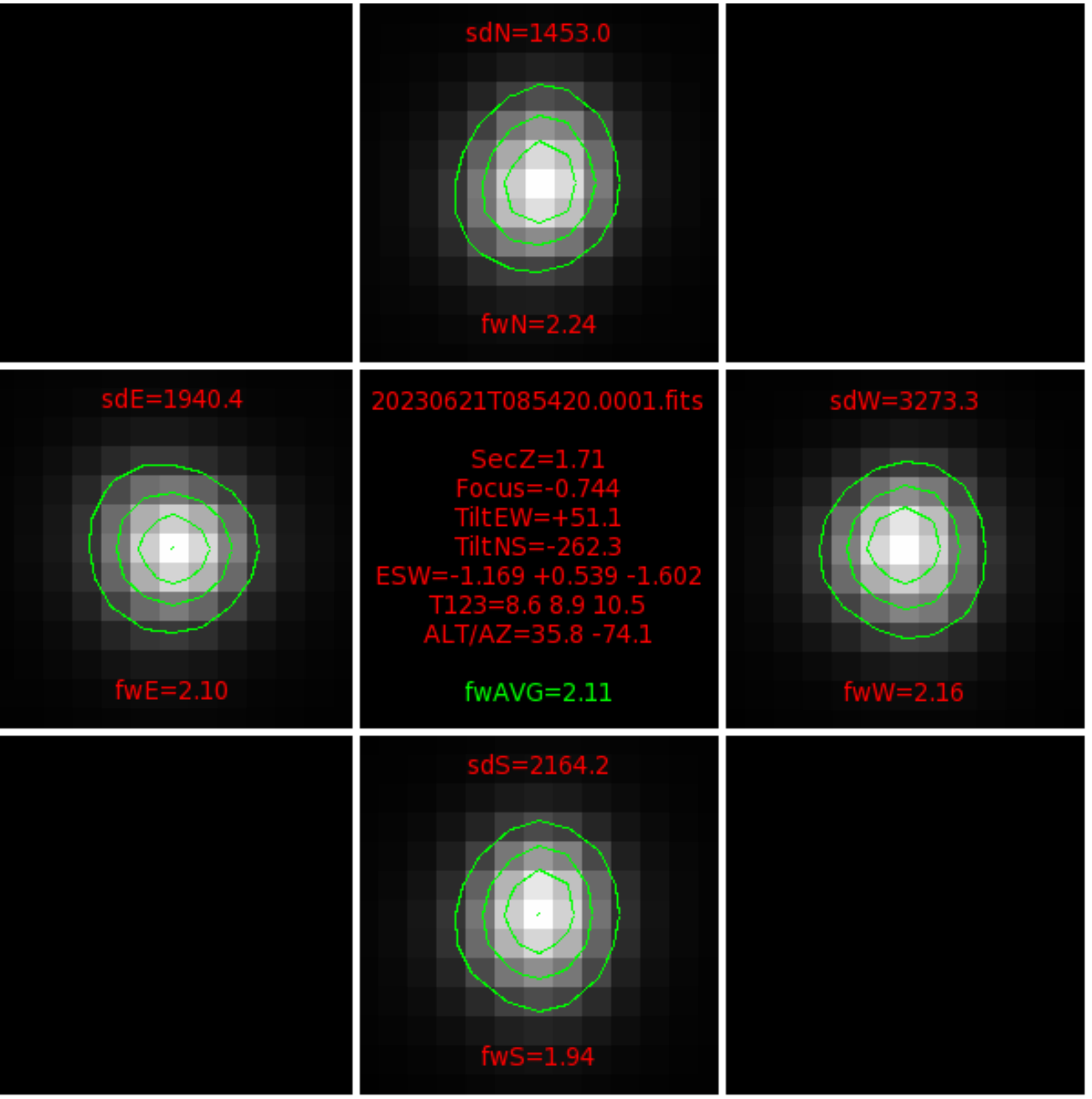
sdN=1453.0
fwN=2.24
sdE=1940.4
fwE=2.10
20230621T085420.0001.fits
SecZ=1.71
Focus=-0.744
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.169 +0.539 -1.602
T123=8.6 8.9 10.5
ALT/AZ=35.8 -74.1
fwAVG=2.11
sdW=3273.3
fwW=2.16
sdS=2164.2
fwS=1.94
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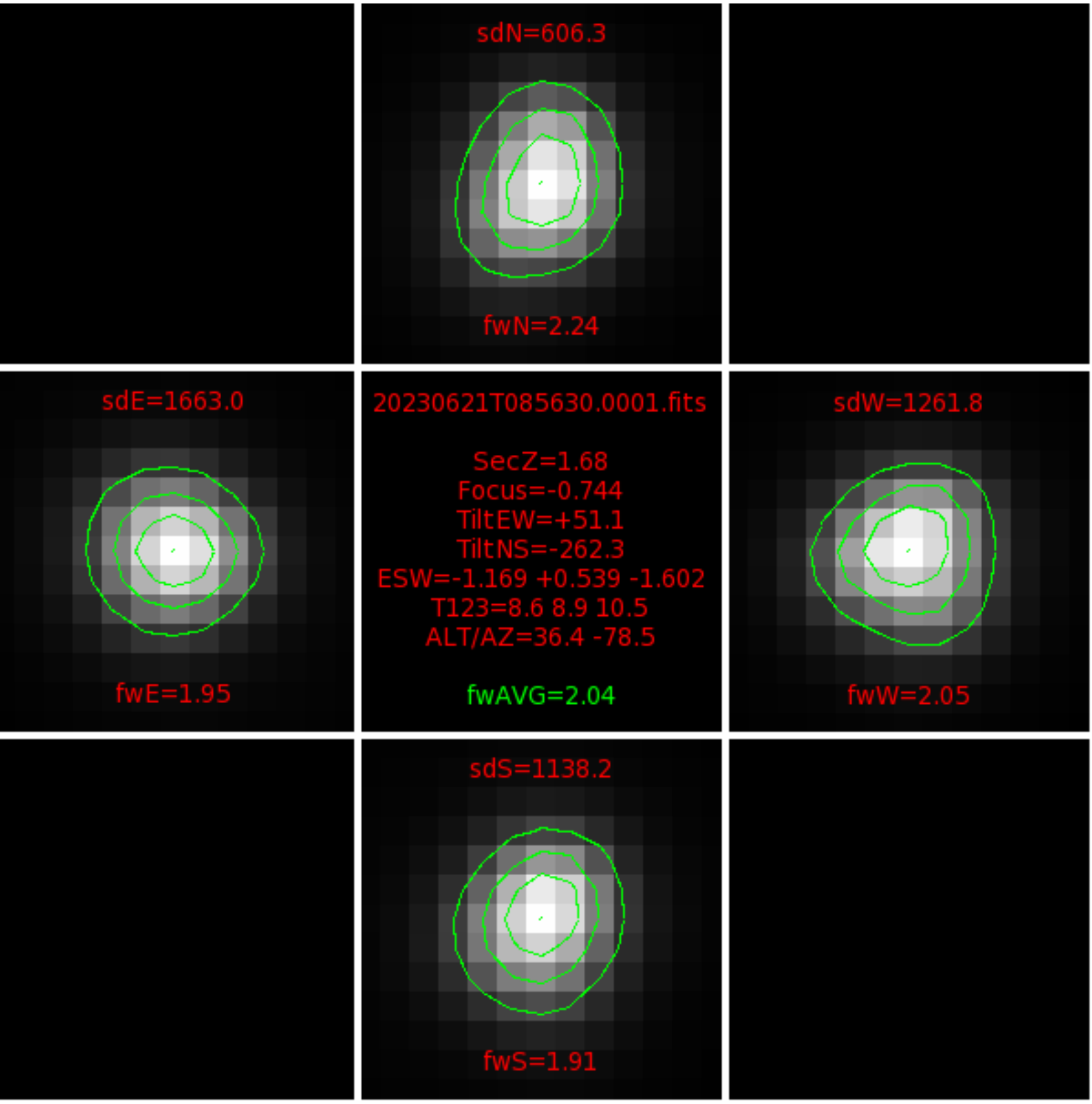
sdN=606.3
fwN=2.24
sdE=1663.0
fwE=1.95
20230621T085630.0001.fits
SecZ=1.68
Focus=-0.744
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.169 +0.539 -1.602
T123=8.6 8.9 10.5
ALT/AZ=36.4 -78.5
fwAVG=2.04
sdW=1261.8
fwW=2.05
sdS=1138.2
fwS=1.91
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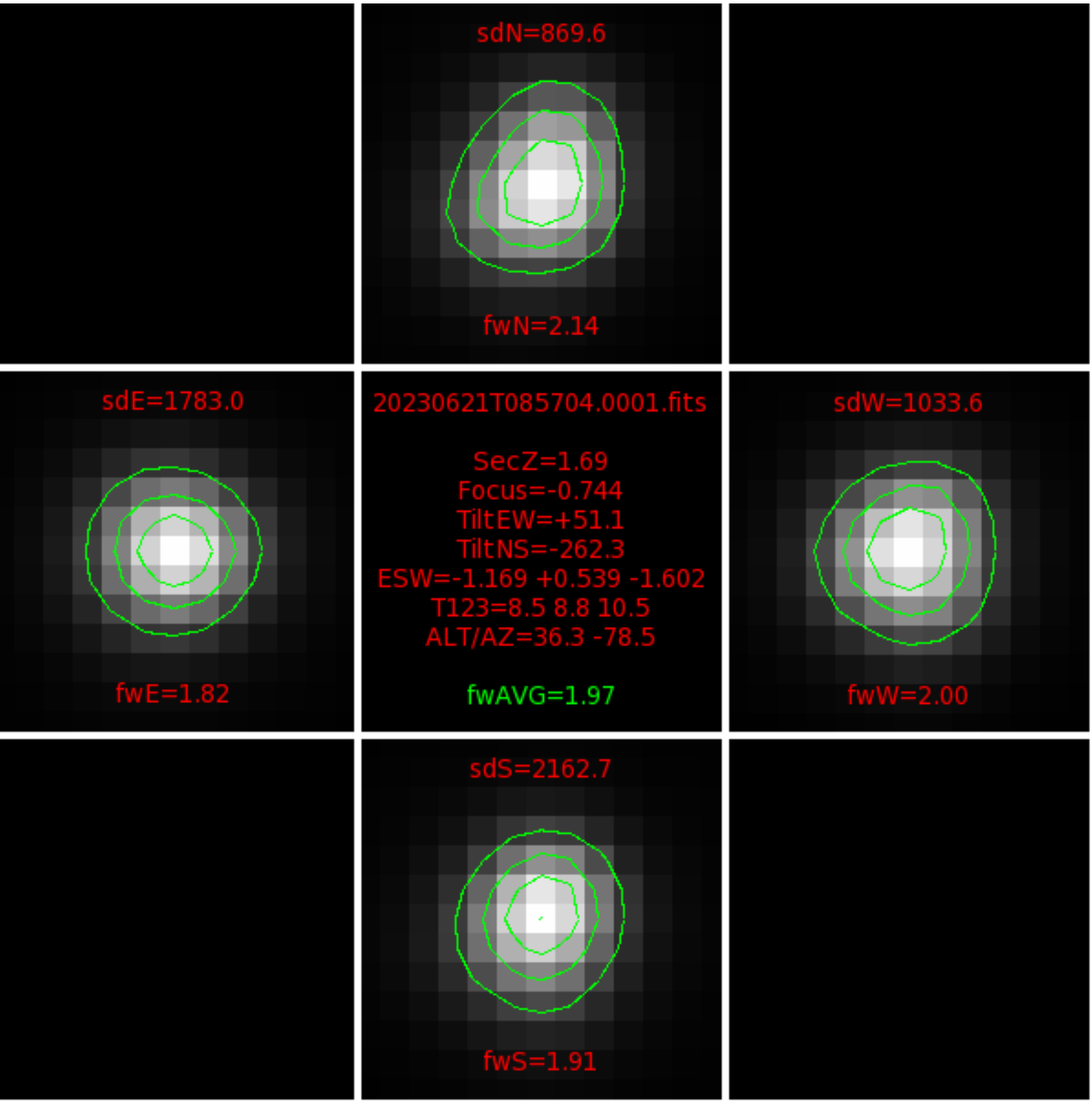
sdN=869.6
fwN=2.14
sdE=1783.0
fwE=1.82
20230621T085704.0001.fits
SecZ=1.69
Focus=-0.744
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.169 +0.539 -1.602
T123=8.5 8.8 10.5
ALT/AZ=36.3 -78.5
fwAVG=1.97
sdW=1033.6
fwW=2.00
sdS=2162.7
fwS=1.91
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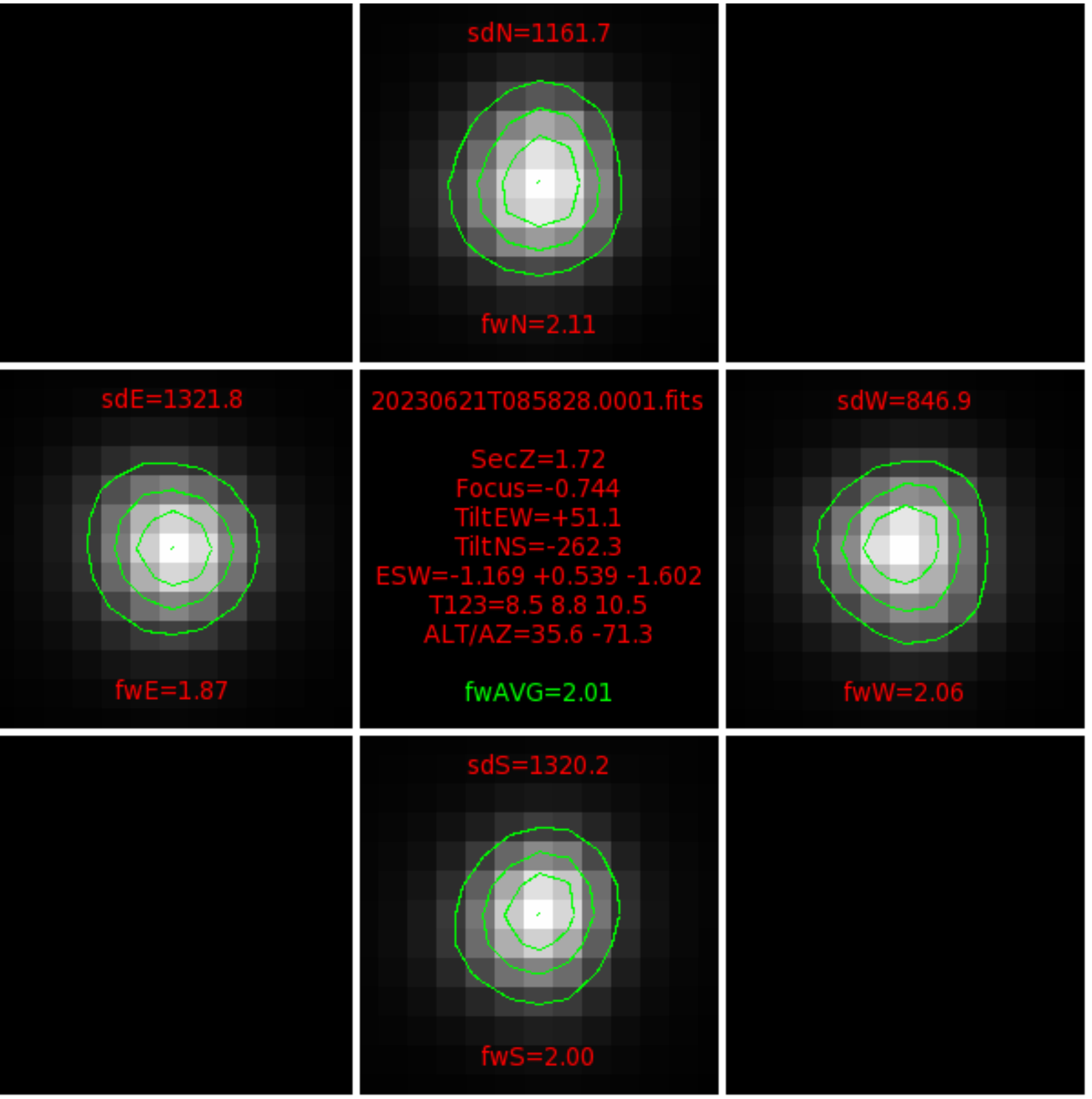
sdN=1161.7
fwN=2.11
sdE=1321.8
fwE=1.87
20230621T085828.0001.fits
SecZ=1.72
Focus=-0.744
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.169 +0.539 -1.602
T123=8.5 8.8 10.5
ALT/AZ=35.6 -71.3
fwAVG=2.01
sdW=846.9
fwW=2.06
sdS=1320.2
fwS=2.00
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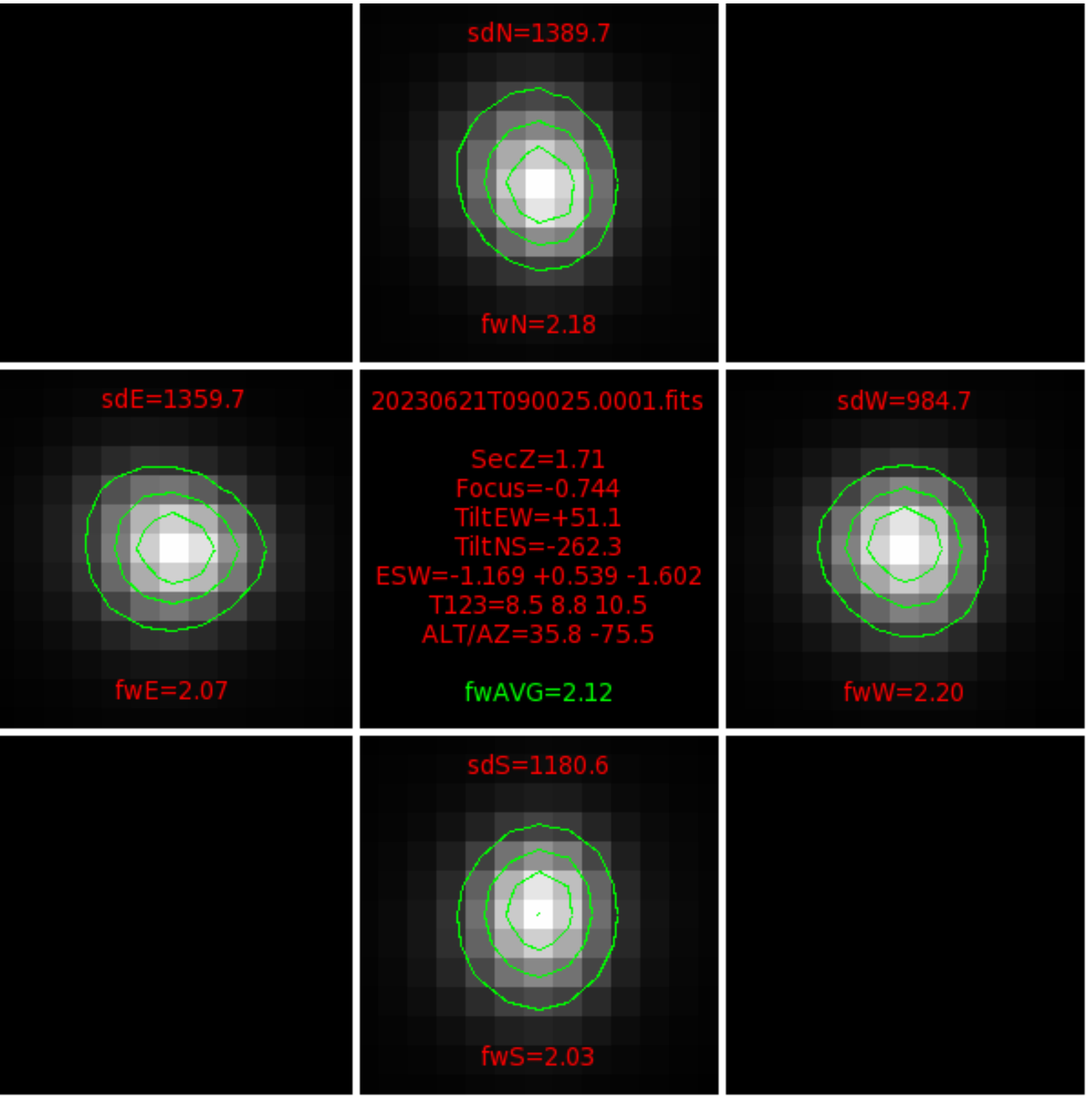
sdN=1389.7
fwN=2.18
sdE=1359.7
fwE=2.07
20230621T090025.0001.fits
SecZ=1.71
Focus=-0.744
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.169 +0.539 -1.602
T123=8.5 8.8 10.5
ALT/AZ=35.8 -75.5
fwAVG=2.12
sdW=984.7
fwW=2.20
sdS=1180.6
fwS=2.03
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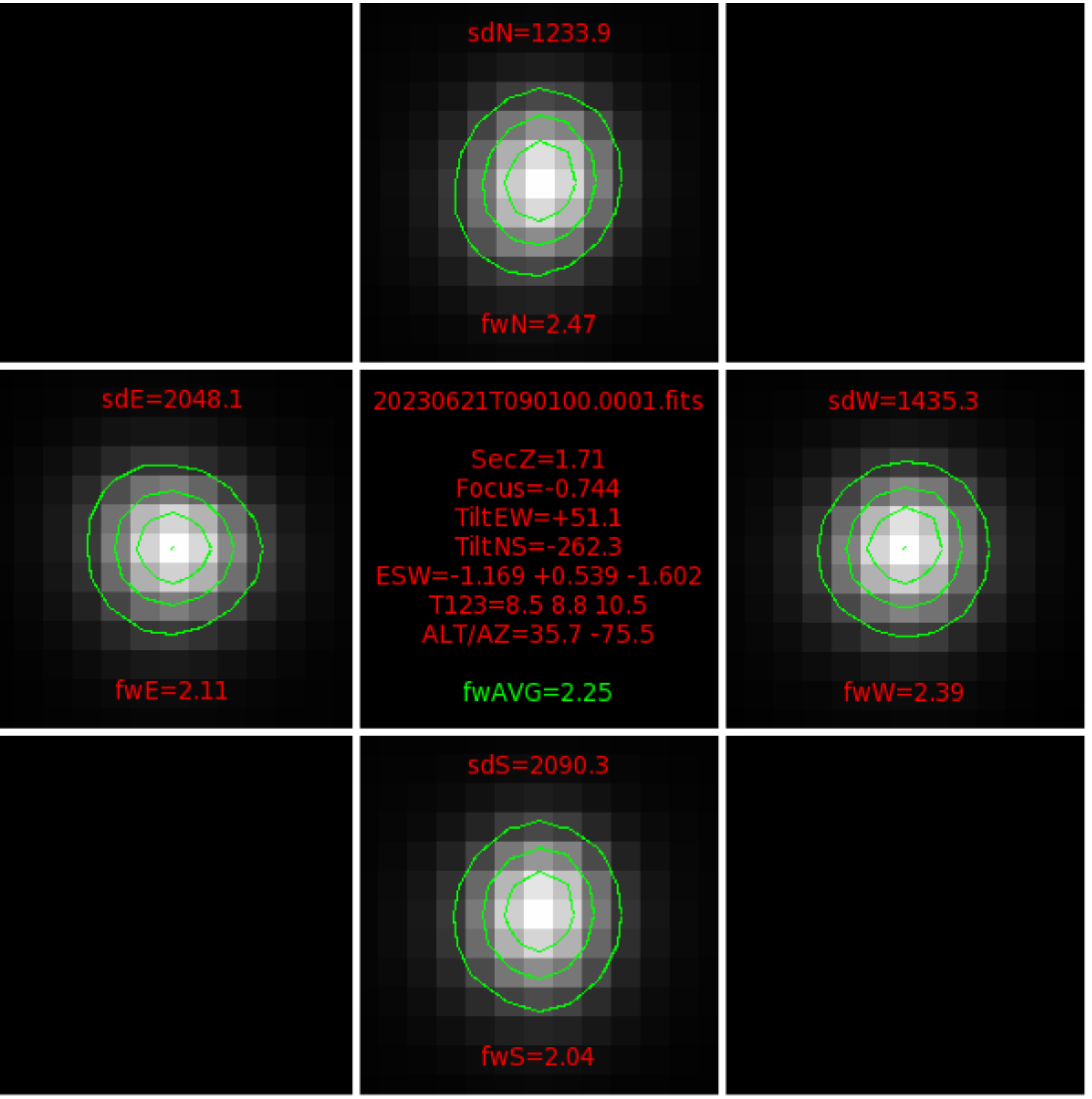
sdN=1233.9
fwN=2.47
sdE=2048.1
fwE=2.11
20230621T090100.0001.fits
SecZ=1.71
Focus=-0.744
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.169 +0.539 -1.602
T123=8.5 8.8 10.5
ALT/AZ=35.7 -75.5
fwAVG=2.25
sdW=1435.3
fwW=2.39
sdS=2090.3
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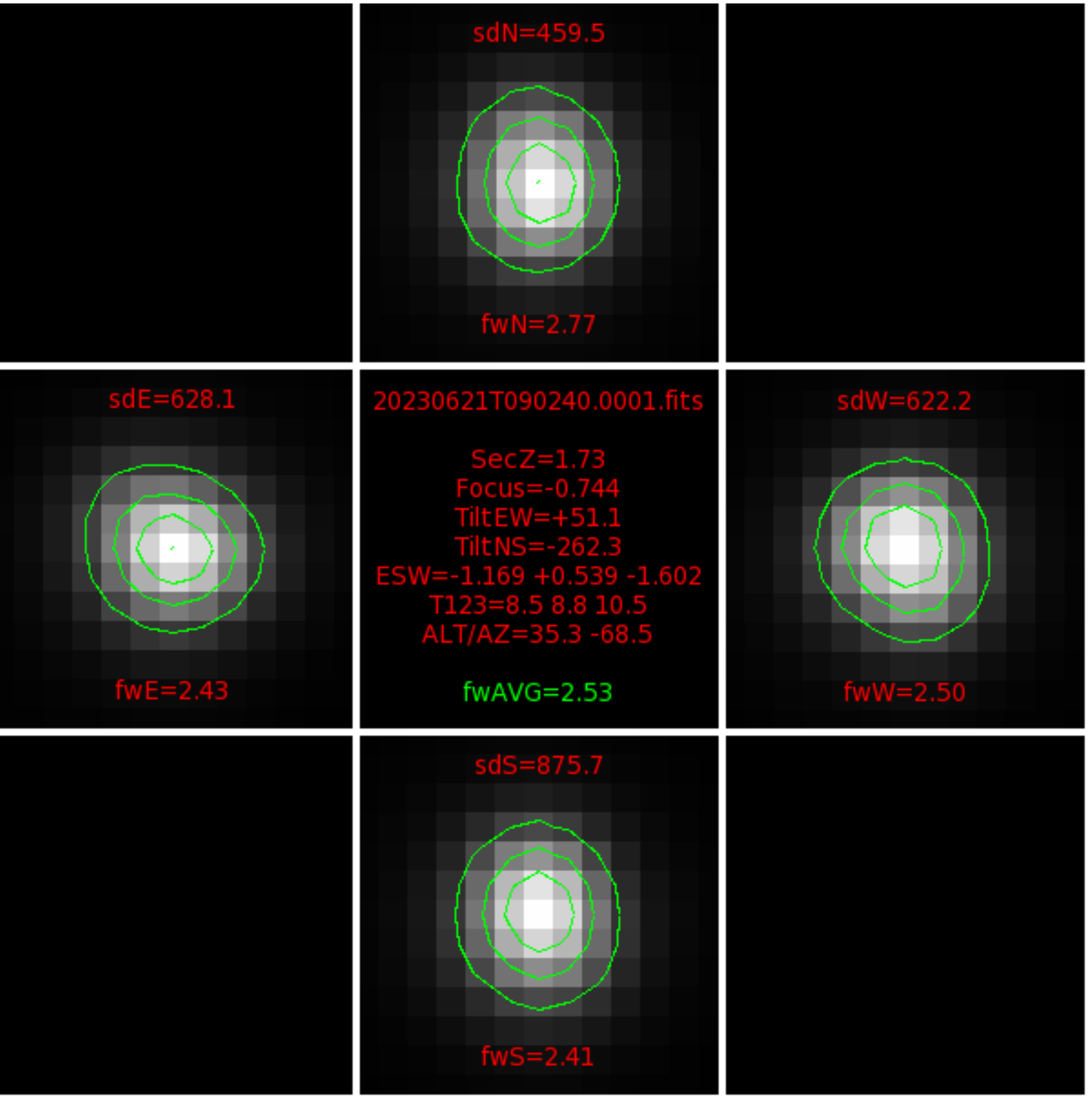
sdN=459.5
fwN=2.77
sdE=628.1
fwE=2.43
20230621T090240.0001.fits
SecZ=1.73
Focus=-0.744
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.169 +0.539 -1.602
T123=8.5 8.8 10.5
ALT/AZ=35.3 -68.5
fwAVG=2.53
sdW=622.2
fwW=2.50
sdS=875.7
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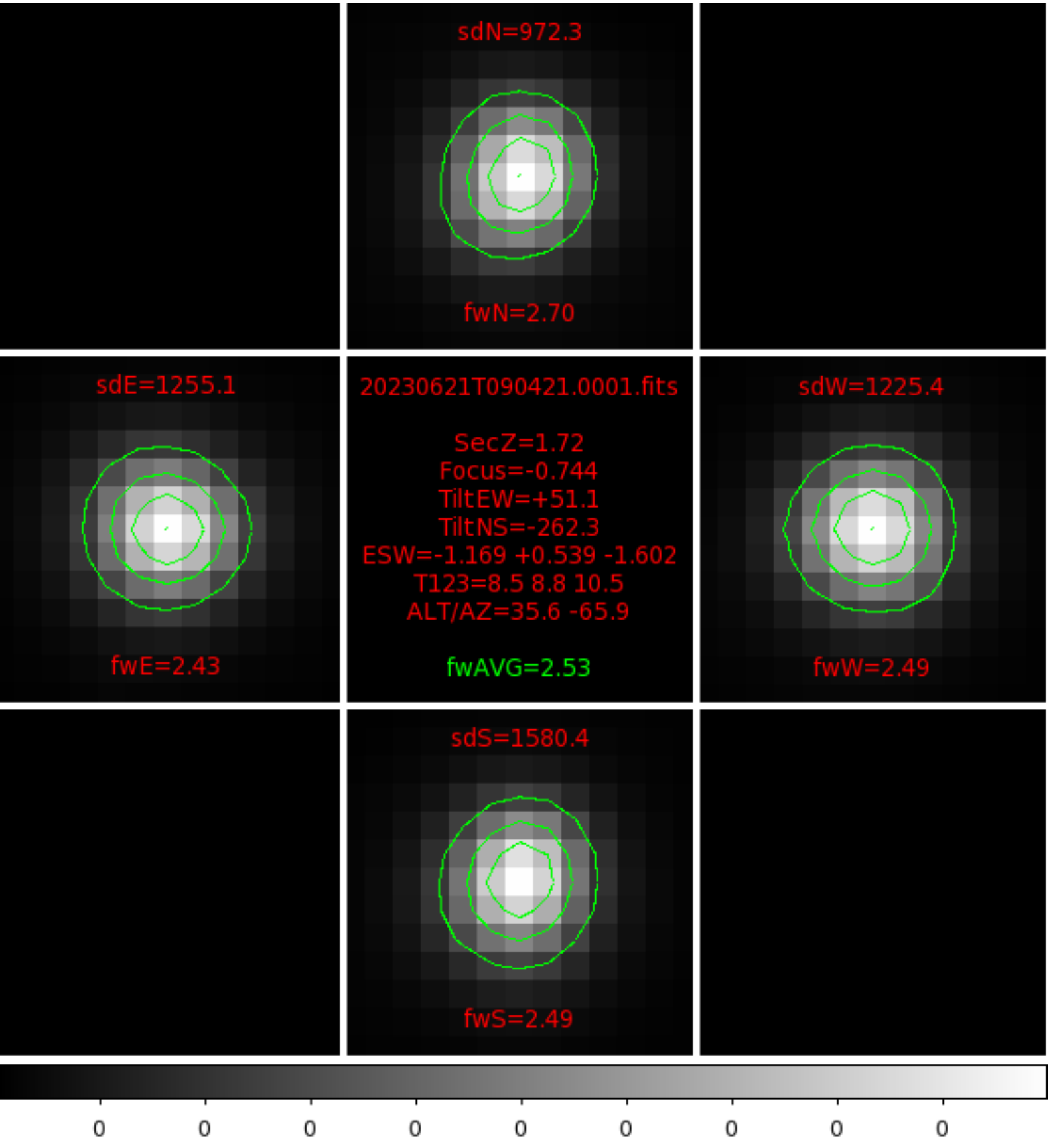
sdN=972.3
fwN=2.70
sdE=1255.1
fwE=2.43
20230621T090421.0001.fits
SecZ=1.72
Focus=-0.744
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.169 +0.539 -1.602
T123=8.5 8.8 10.5
ALT/AZ=35.6 -65.9
fwAVG=2.53
sdW=1225.4
fwW=2.49
sdS=1580.4
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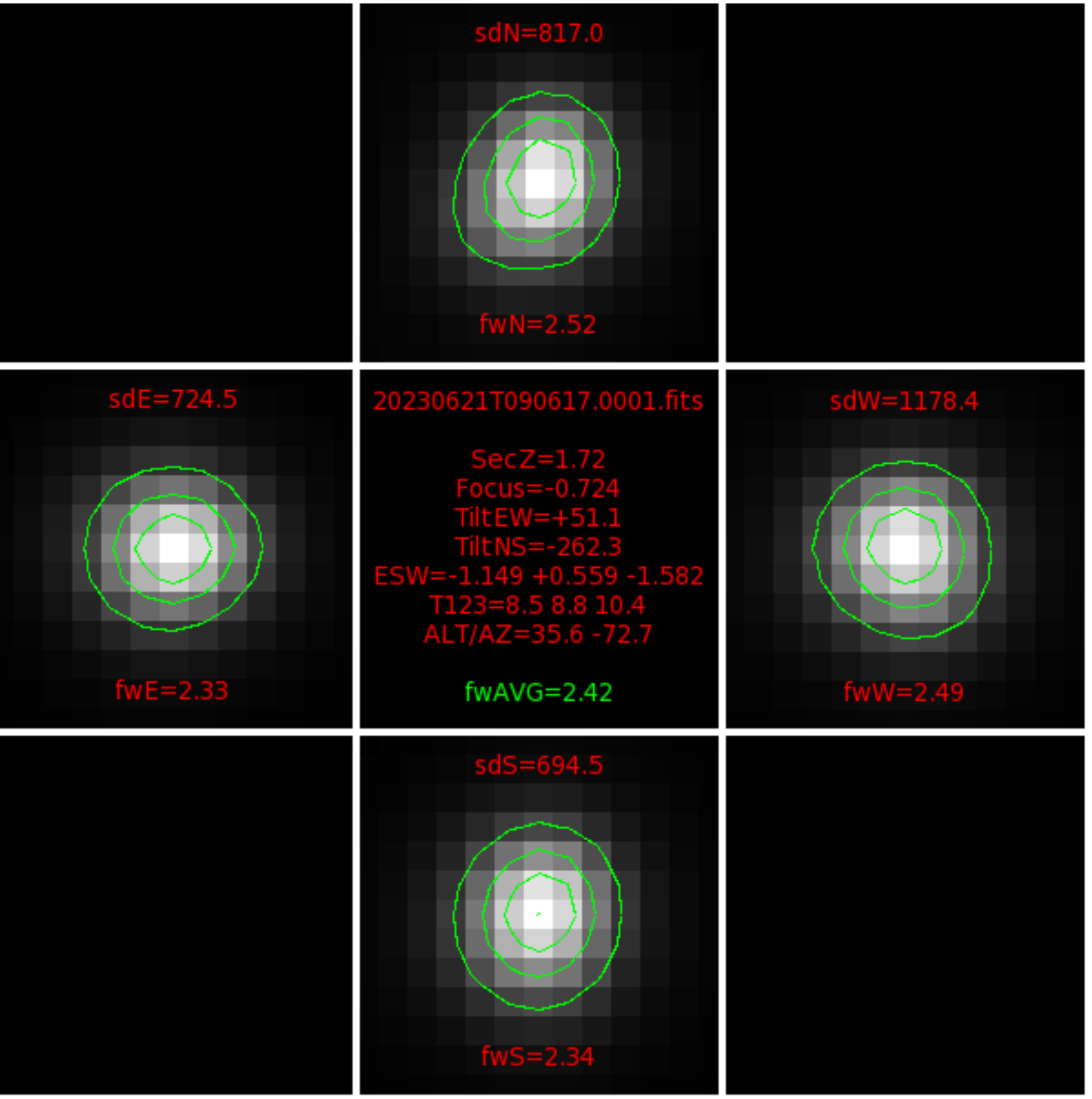
sdN=817.0
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sdE=724.5
fwE=2.33
20230621T090617.0001.fits
SecZ=1.72
Focus=-0.724
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.149 +0.559 -1.582
T123=8.5 8.8 10.4
ALT/AZ=35.6 -72.7
fwAVG=2.42
sdW=1178.4
fwW=2.49
sdS=694.5
fwS=2.34
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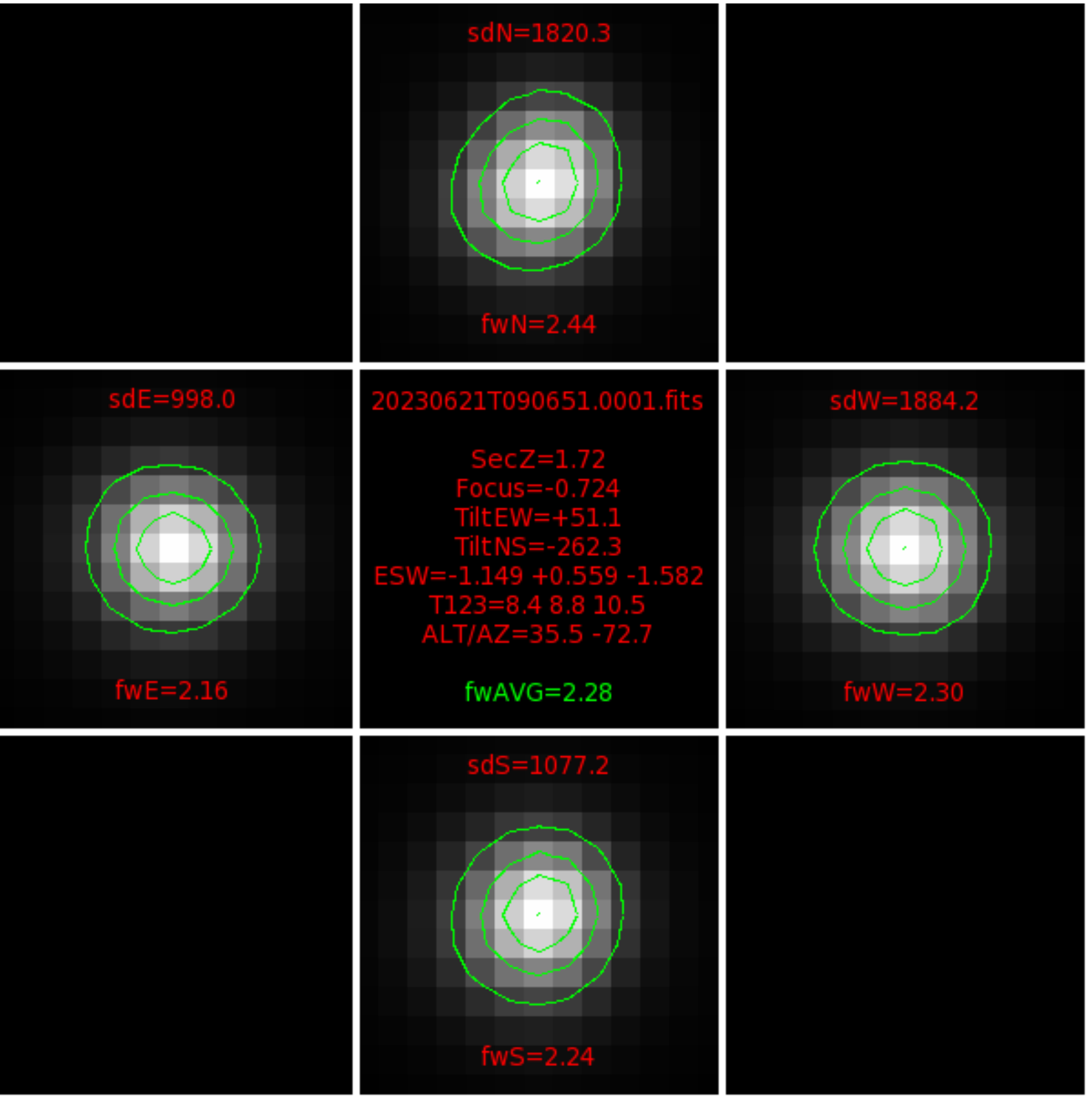
sdN=1820.3
fwN=2.44
sdE=998.0
fwE=2.16
20230621T090651.0001.fits
SecZ=1.72
Focus=-0.724
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.149 +0.559 -1.582
T123=8.4 8.8 10.5
ALT/AZ=35.5 -72.7
fwAVG=2.28
sdW=1884.2
fwW=2.30
sdS=1077.2
fwS=2.24
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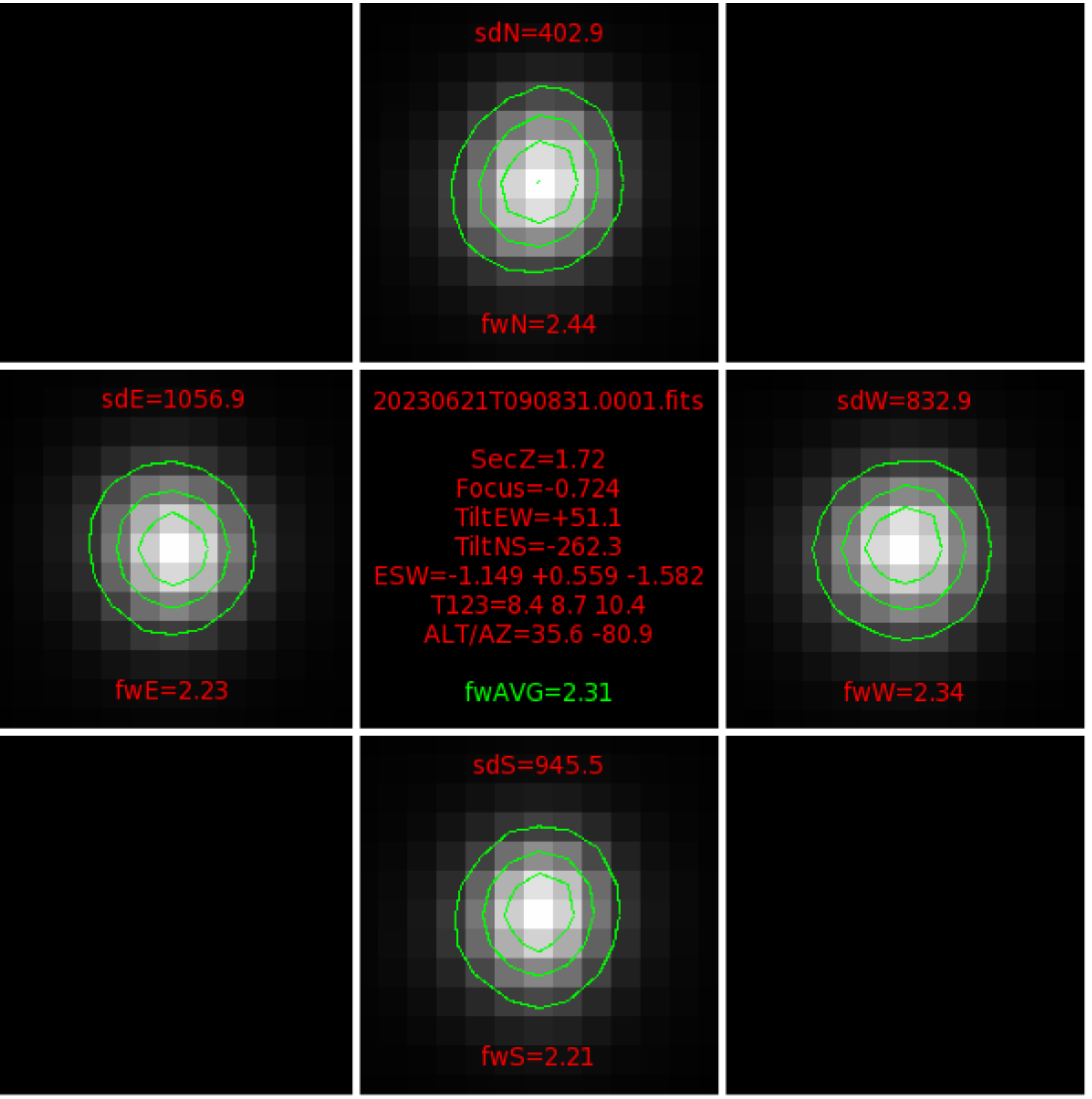
sdN=402.9
fwN=2.44
sdE=1056.9
fwE=2.23
20230621T090831.0001.fits
SecZ=1.72
Focus=-0.724
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.149 +0.559 -1.582
T123=8.4 8.7 10.4
ALT/AZ=35.6 -80.9
fwAVG=2.31
sdW=832.9
fwW=2.34
sdS=945.5
fwS=2.21
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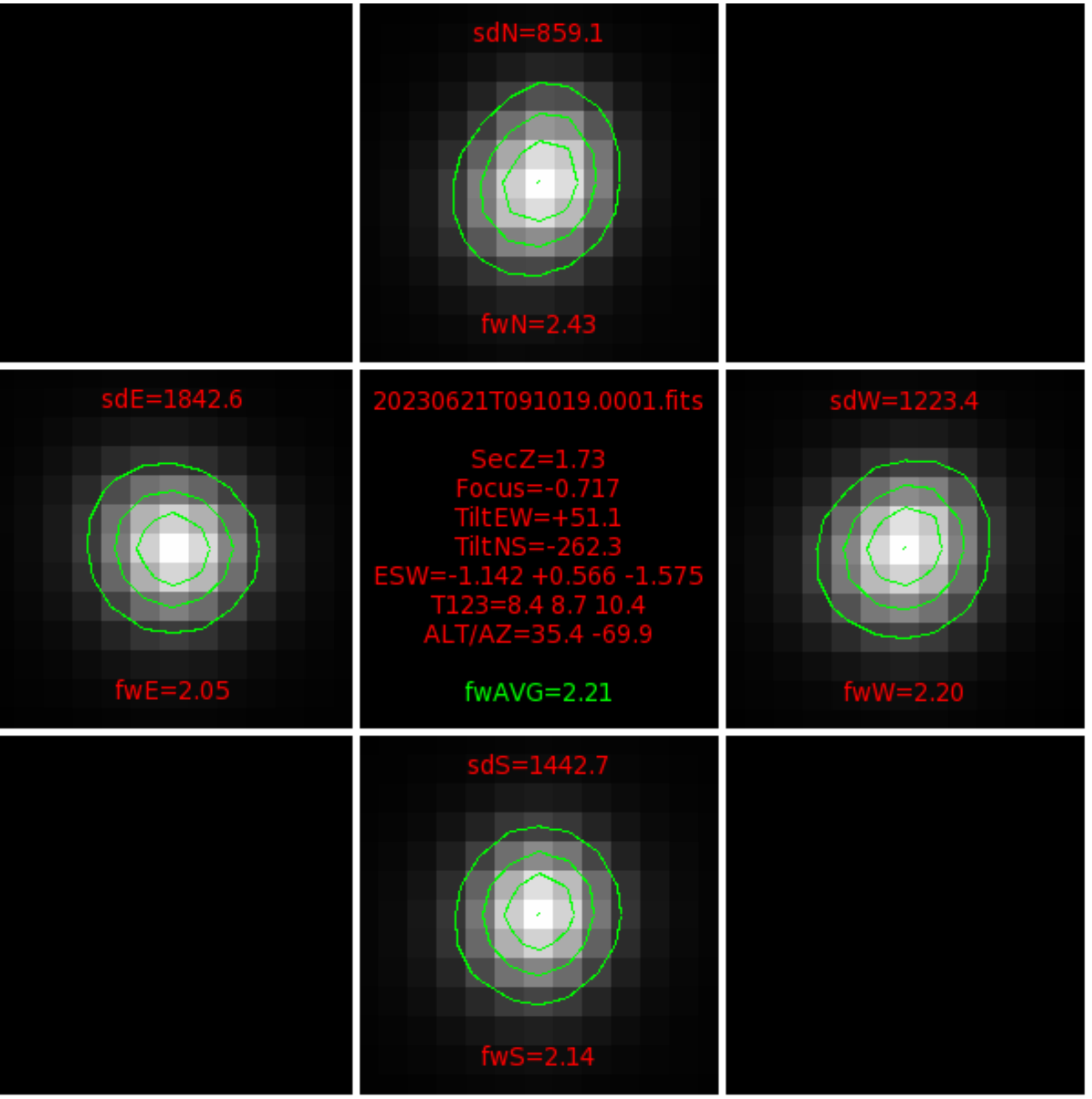
sdN=859.1
fwN=2.43
sdE=1842.6
fwE=2.05
20230621T091019.0001.fits
SecZ=1.73
Focus=-0.717
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.142 +0.566 -1.575
T123=8.4 8.7 10.4
ALT/AZ=35.4 -69.9
fwAVG=2.21
sdW=1223.4
fwW=2.20
sdS=1442.7
fwS=2.14
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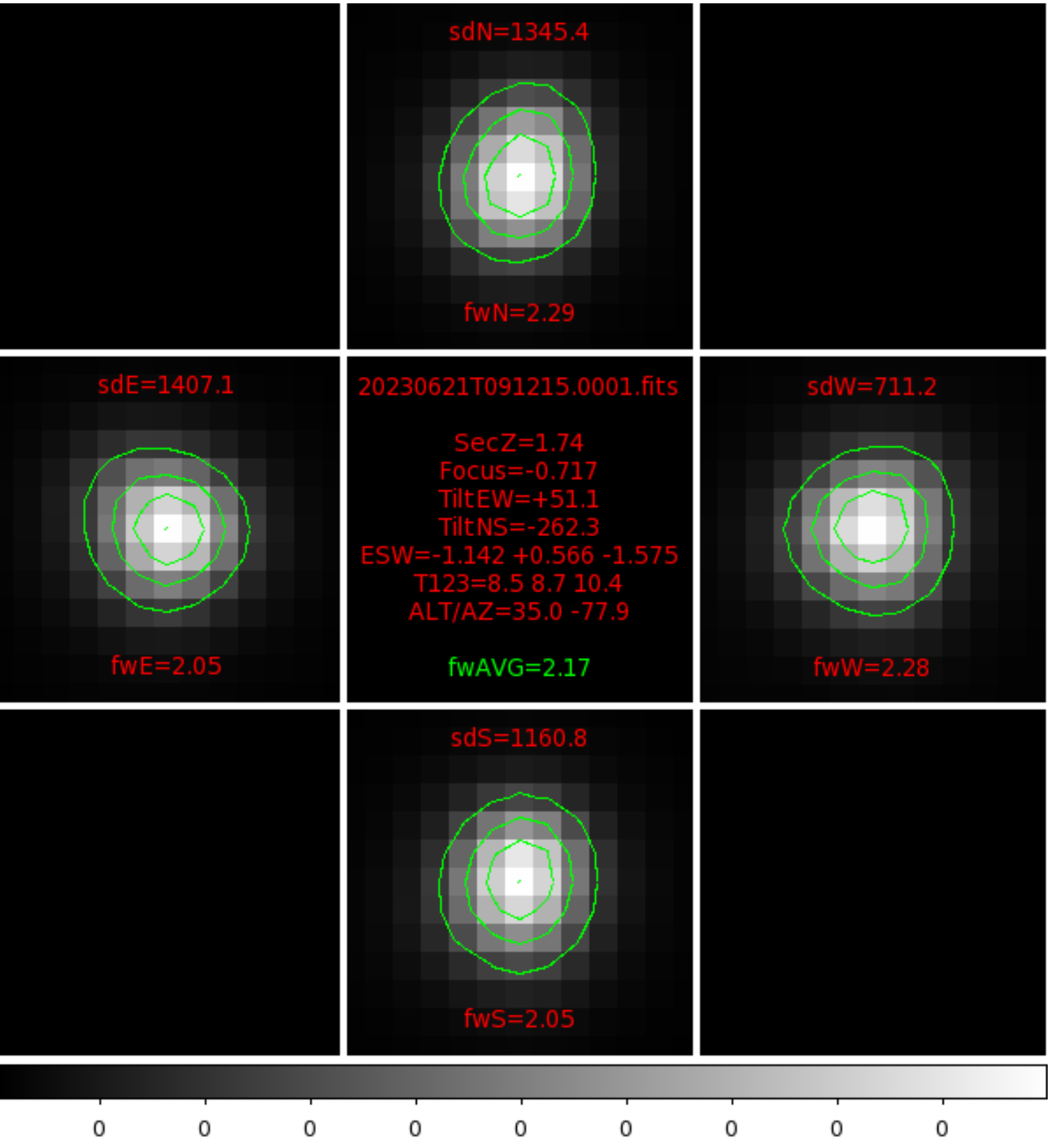
sdN=1345.4
fwN=2.29
sdE=1407.1
fwE=2.05
20230621T091215.0001.fits
SecZ=1.74
Focus=-0.717
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.142 +0.566 -1.575
T123=8.5 8.7 10.4
ALT/AZ=35.0 -77.9
fwAVG=2.17
sdW=711.2
fwW=2.28
sdS=1160.8
fwS=2.05
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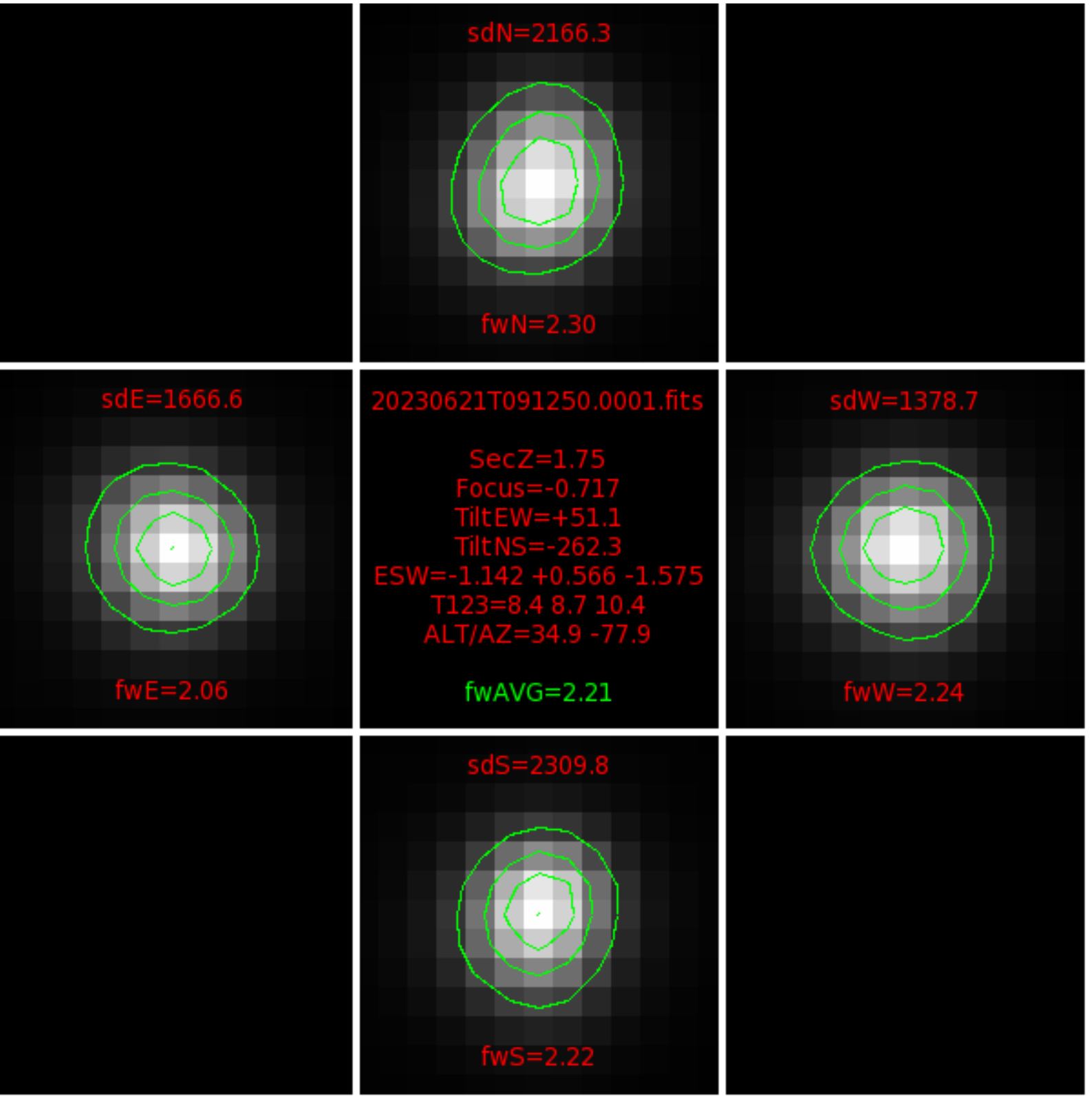
sdN=2166.3
fwN=2.30
sdE=1666.6
fwE=2.06
20230621T091250.0001.fits
SecZ=1.75
Focus=-0.717
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.142 +0.566 -1.575
T123=8.4 8.7 10.4
ALT/AZ=34.9 -77.9
fwAVG=2.21
sdW=1378.7
fwW=2.24
sdS=2309.8
fwS=2.22
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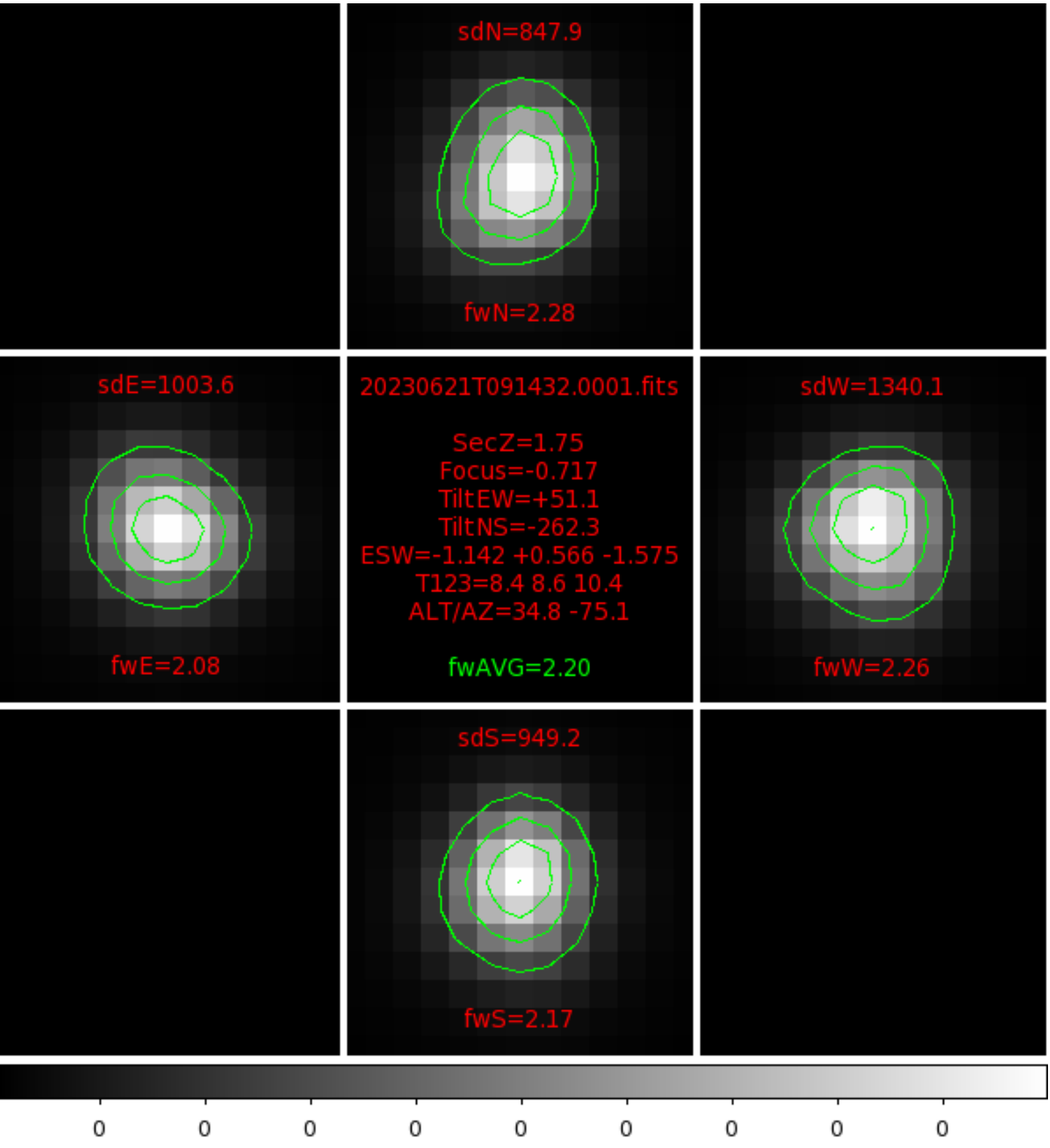
sdN=847.9
fwN=2.28
sdE=1003.6
fwE=2.08
20230621T091432.0001.fits
SecZ=1.75
Focus=-0.717
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.142 +0.566 -1.575
T123=8.4 8.6 10.4
ALT/AZ=34.8 -75.1
fwAVG=2.20
sdW=1340.1
fwW=2.26
sdS=949.2
fwS=2.17
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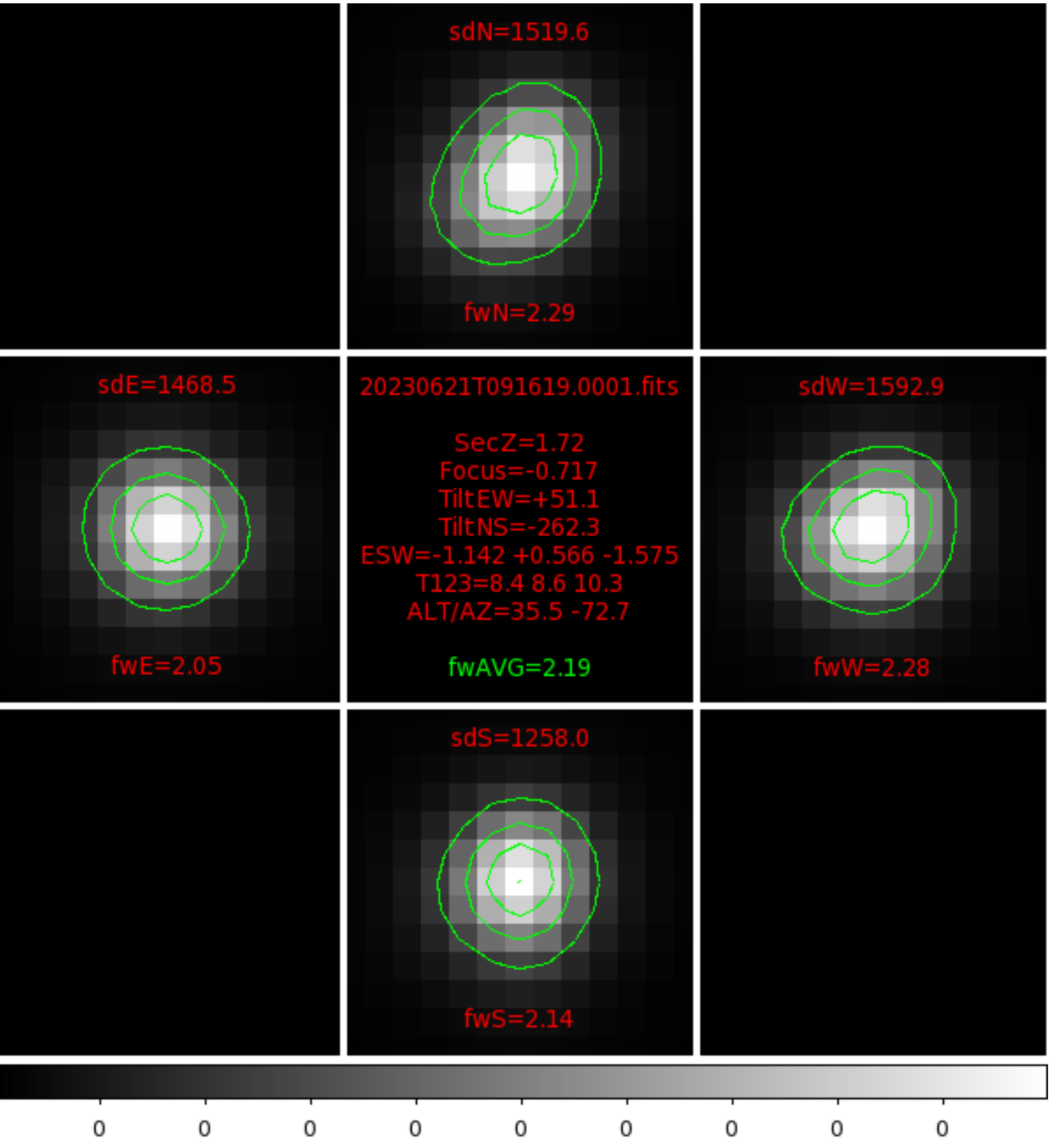
sdN=1519.6
fwN=2.29
sdE=1468.5
fwE=2.05
20230621T091619.0001.fits
SecZ=1.72
Focus=-0.717
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.142 +0.566 -1.575
T123=8.4 8.6 10.3
ALT/AZ=35.5 -72.7
fwAVG=2.19
sdW=1592.9
fwW=2.28
sdS=1258.0
fwS=2.14
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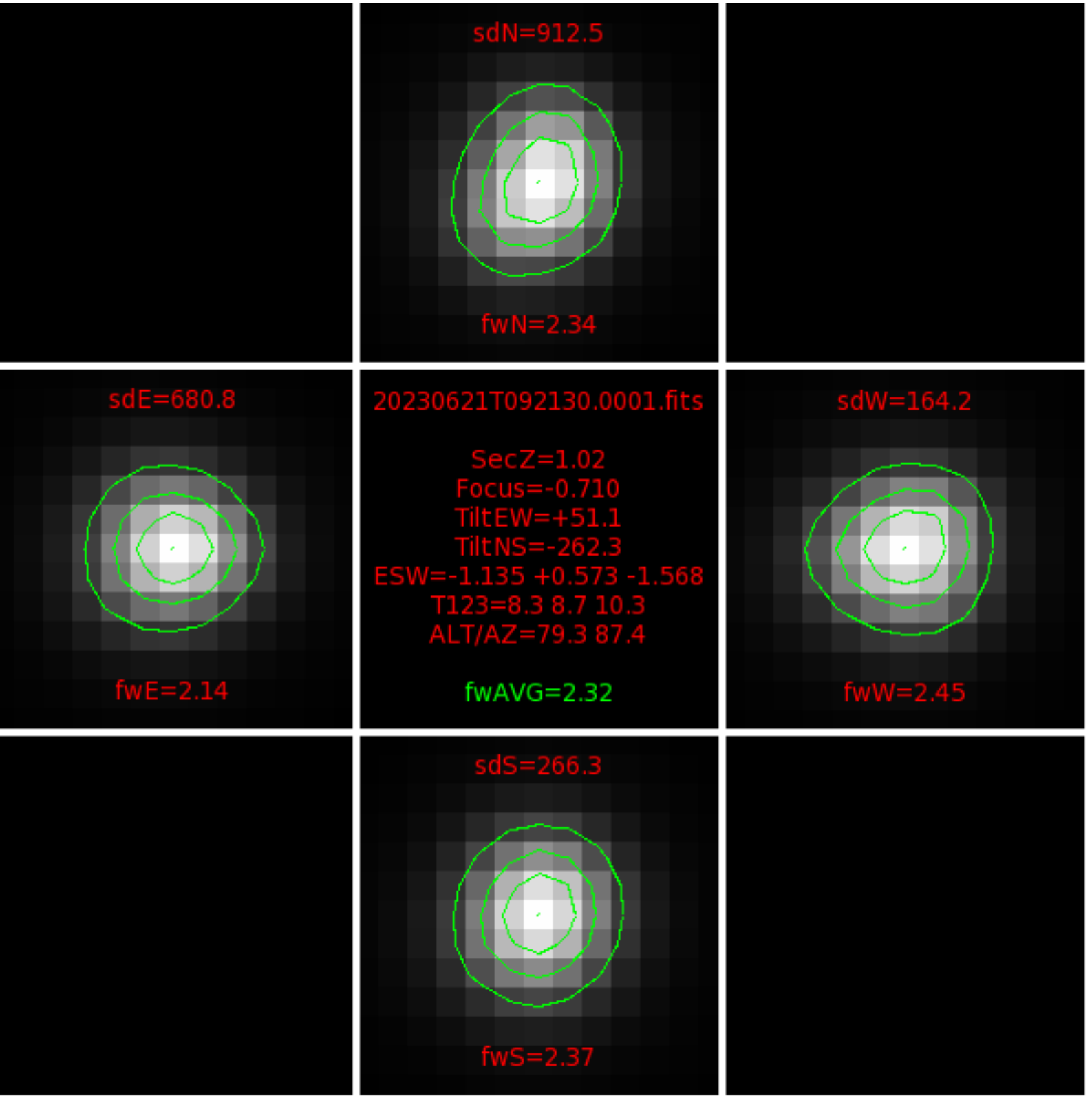
sdN=912.5
fwN=2.34
sdE=680.8
fwE=2.14
20230621T092130.0001.fits
SecZ=1.02
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.3 8.7 10.3
ALT/AZ=79.3 87.4
fwAVG=2.32
sdW=164.2
fwW=2.45
sdS=266.3
fwS=2.37
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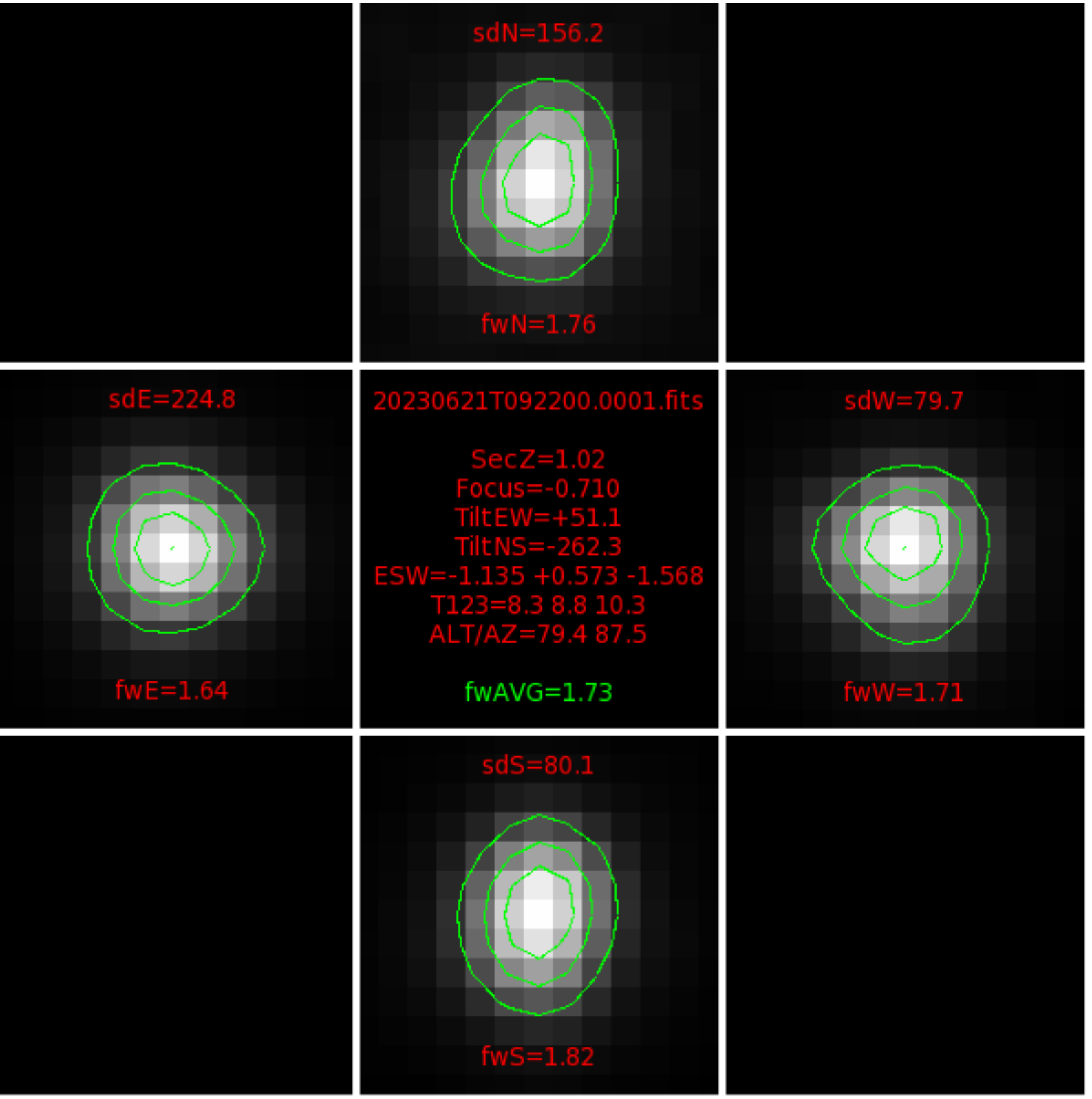
sdN=156.2
fwN=1.76
sdE=224.8
fwE=1.64
20230621T092200.0001.fits
SecZ=1.02
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.3 8.8 10.3
ALT/AZ=79.4 87.5
fwAVG=1.73
sdW=79.7
fwW=1.71
sdS=80.1
fwS=1.82
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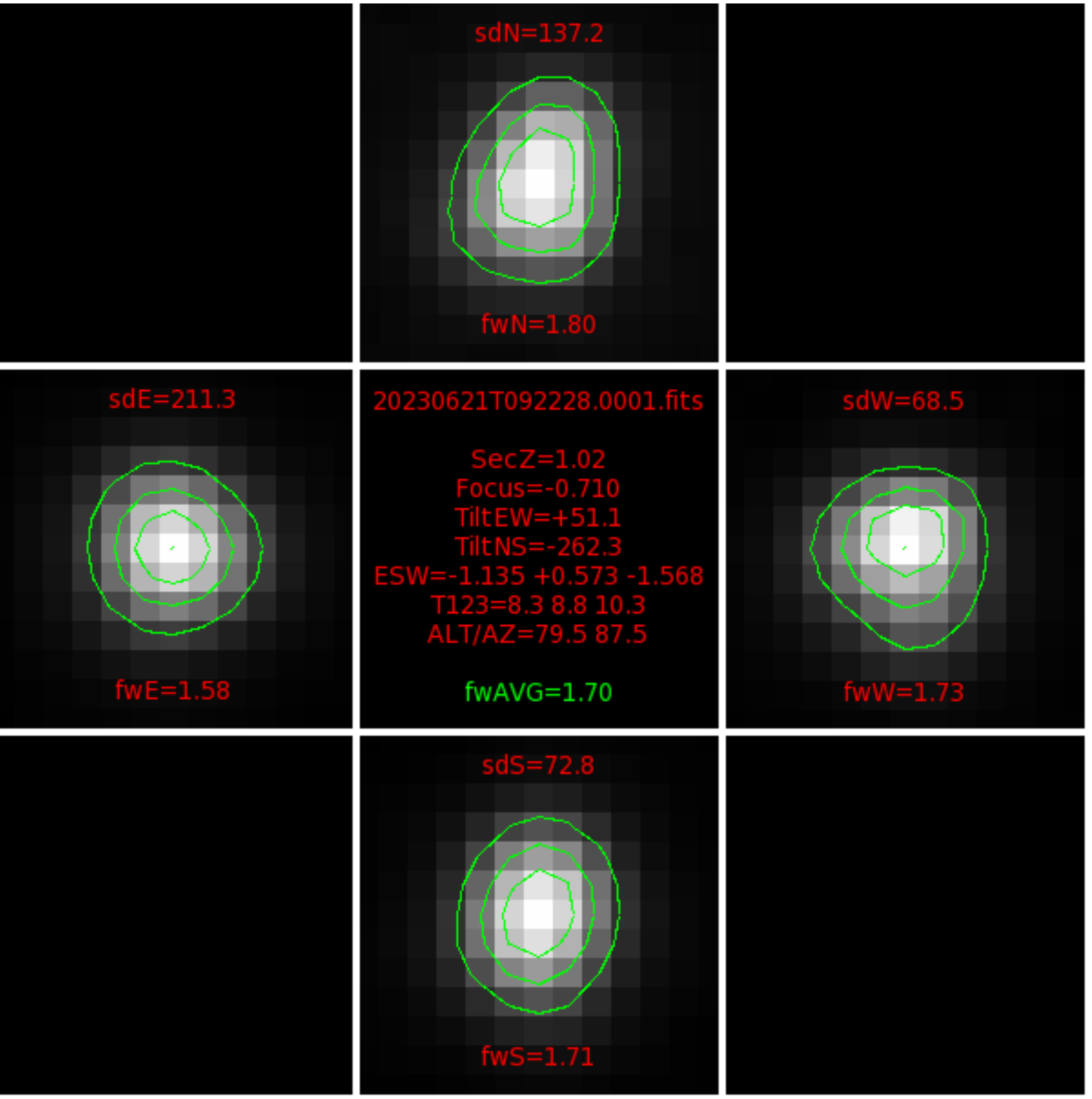
sdN=137.2
fwN=1.80
sdE=211.3
fwE=1.58
20230621T092228.0001.fits
SecZ=1.02
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.3 8.8 10.3
ALT/AZ=79.5 87.5
fwAVG=1.70
sdW=68.5
fwW=1.73
sdS=72.8
fwS=1.71
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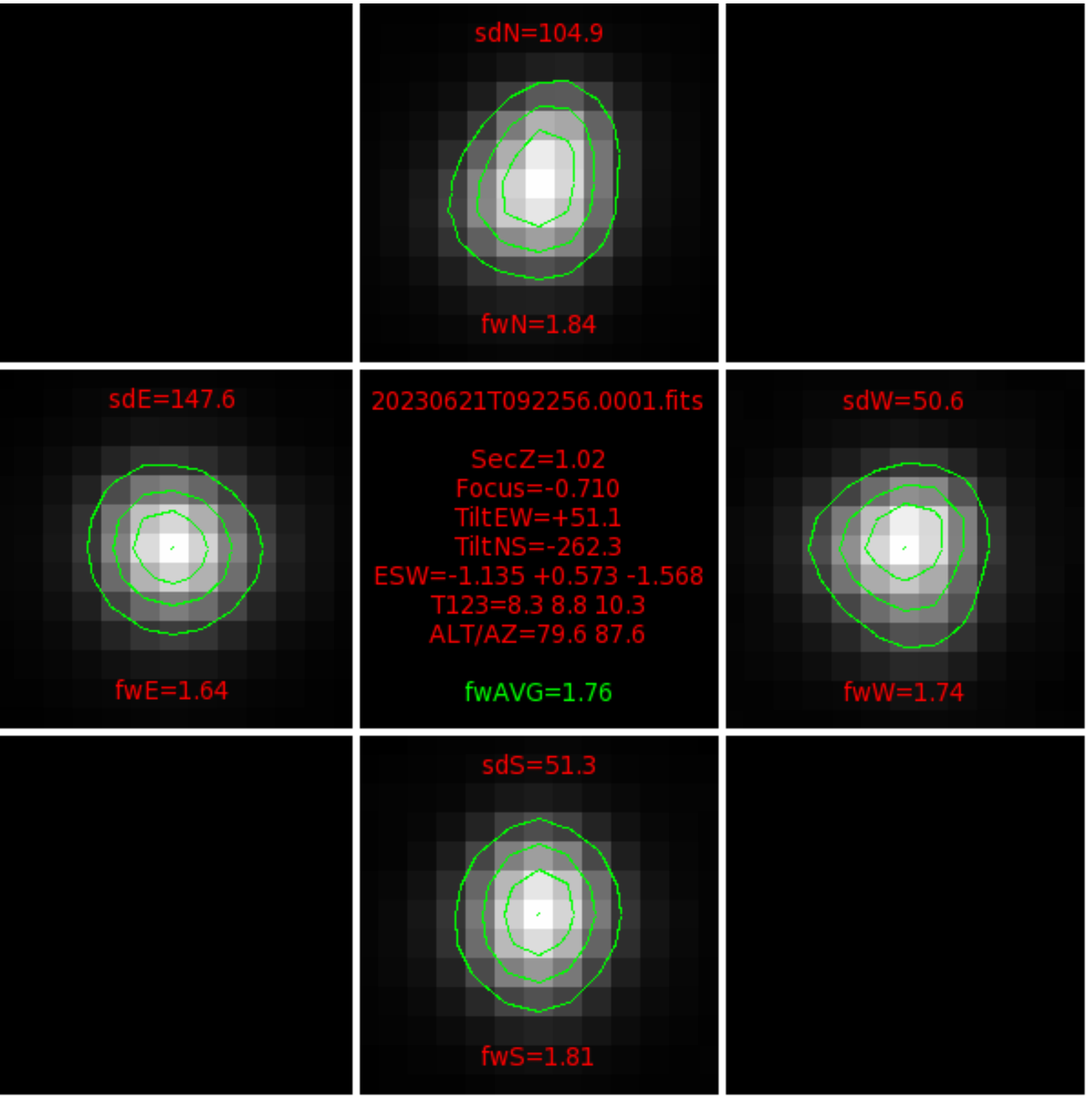
sdN=104.9
fwN=1.84
sdE=147.6
fwE=1.64
20230621T092256.0001.fits
SecZ=1.02
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.3 8.8 10.3
ALT/AZ=79.6 87.6
fwAVG=1.76
sdW=50.6
fwW=1.74
sdS=51.3
fwS=1.81
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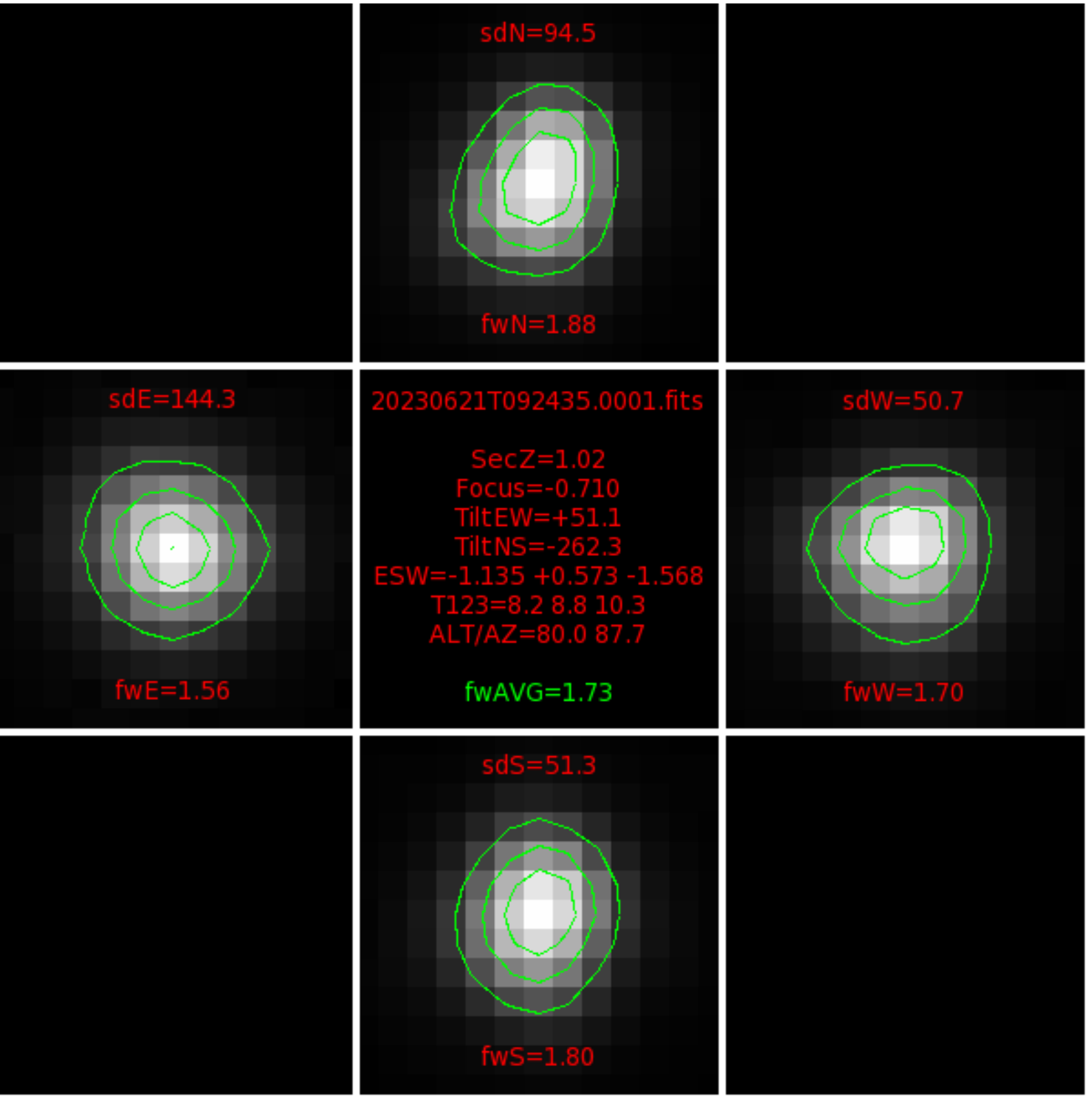
sdN=94.5
fwN=1.88
sdE=144.3
fwE=1.56
20230621T092435.0001.fits
SecZ=1.02
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.2 8.8 10.3
ALT/AZ=80.0 87.7
fwAVG=1.73
sdW=50.7
fwW=1.70
sdS=51.3
fwS=1.80
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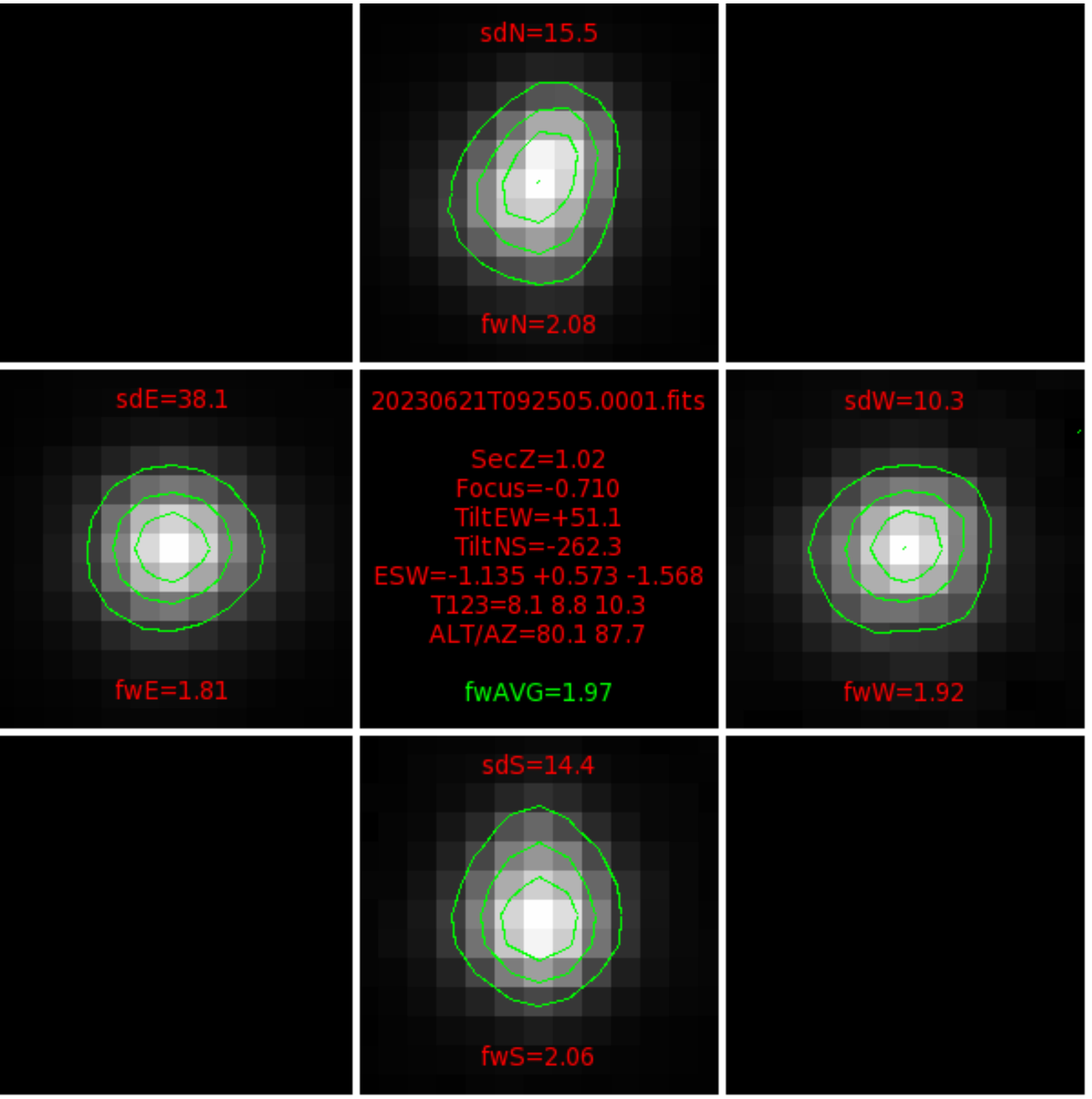
sdN=15.5
fwN=2.08
sdE=38.1
fwE=1.81
20230621T092505.0001.fits
SecZ=1.02
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.1 8.8 10.3
ALT/AZ=80.1 87.7
fwAVG=1.97
sdW=10.3
fwW=1.92
sdS=14.4
fwS=2.06
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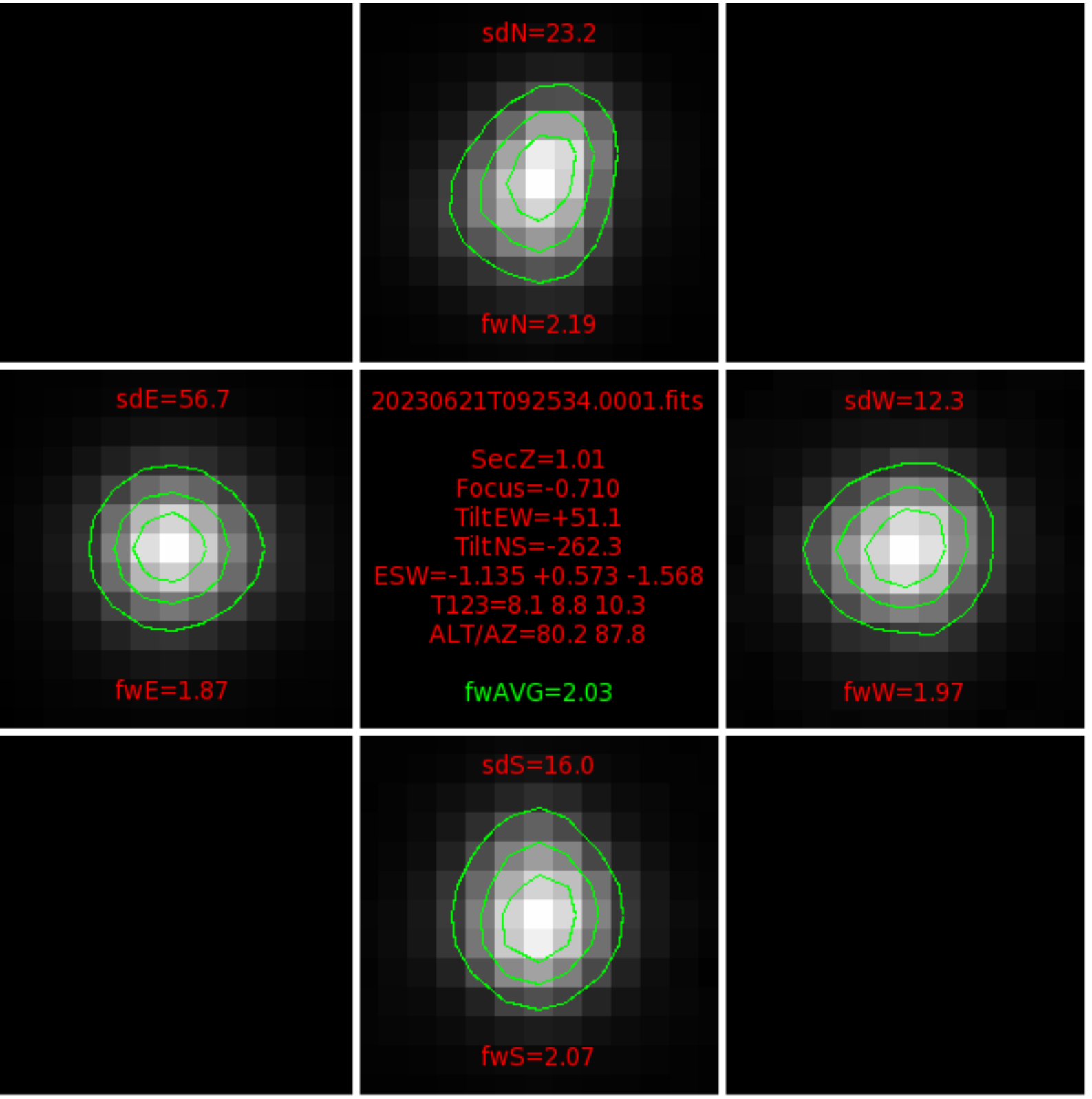
sdN=23.2
fwN=2.19
sdE=56.7
fwE=1.87
20230621T092534.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.1 8.8 10.3
ALT/AZ=80.2 87.8
fwAVG=2.03
sdW=12.3
fwW=1.97
sdS=16.0
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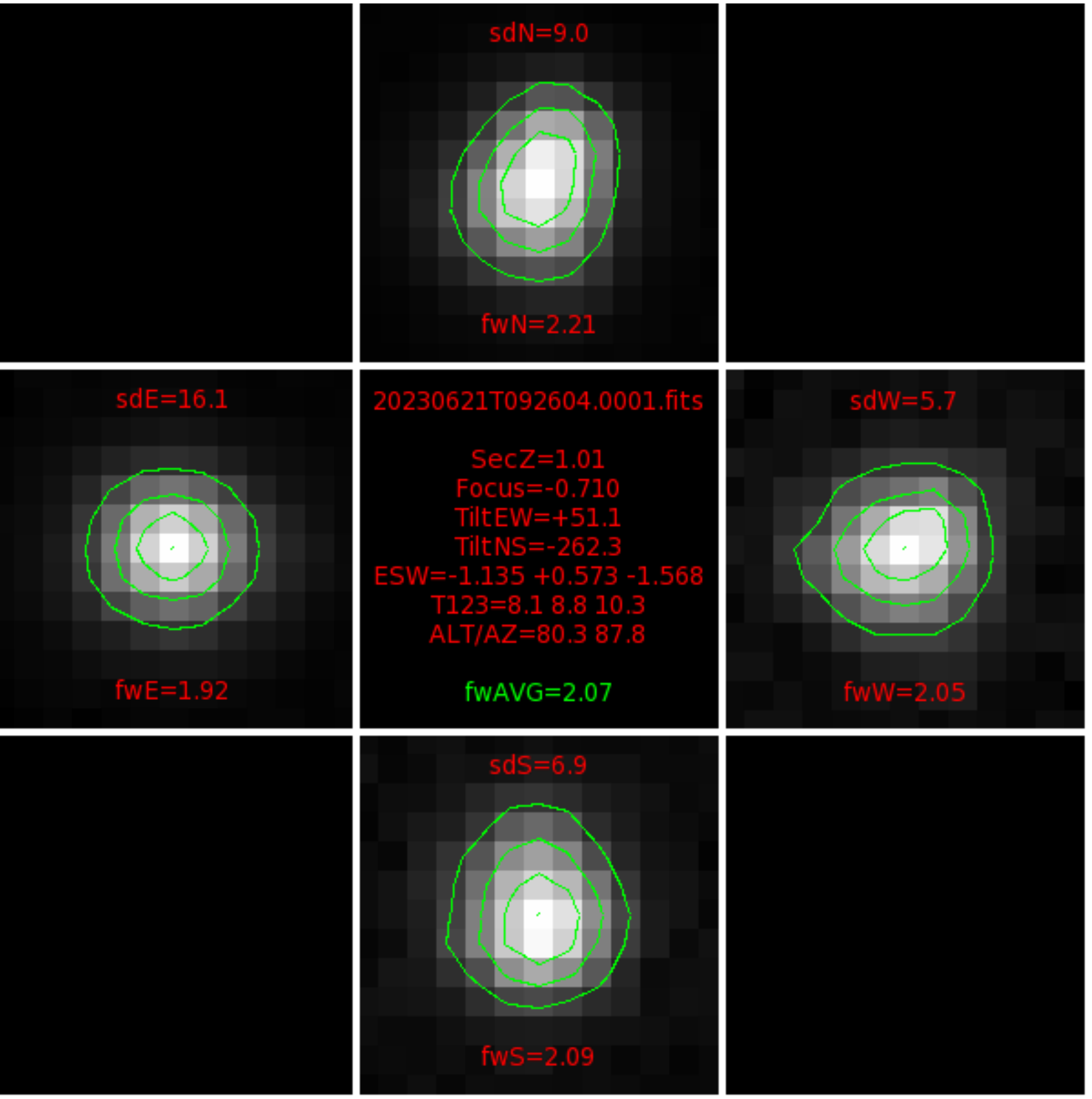
sdN=9.0
fwN=2.21
sdE=16.1
fwE=1.92
20230621T092604.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.1 8.8 10.3
ALT/AZ=80.3 87.8
fwAVG=2.07
sdW=5.7
fwW=2.05
sdS=6.9
fwS=2.09
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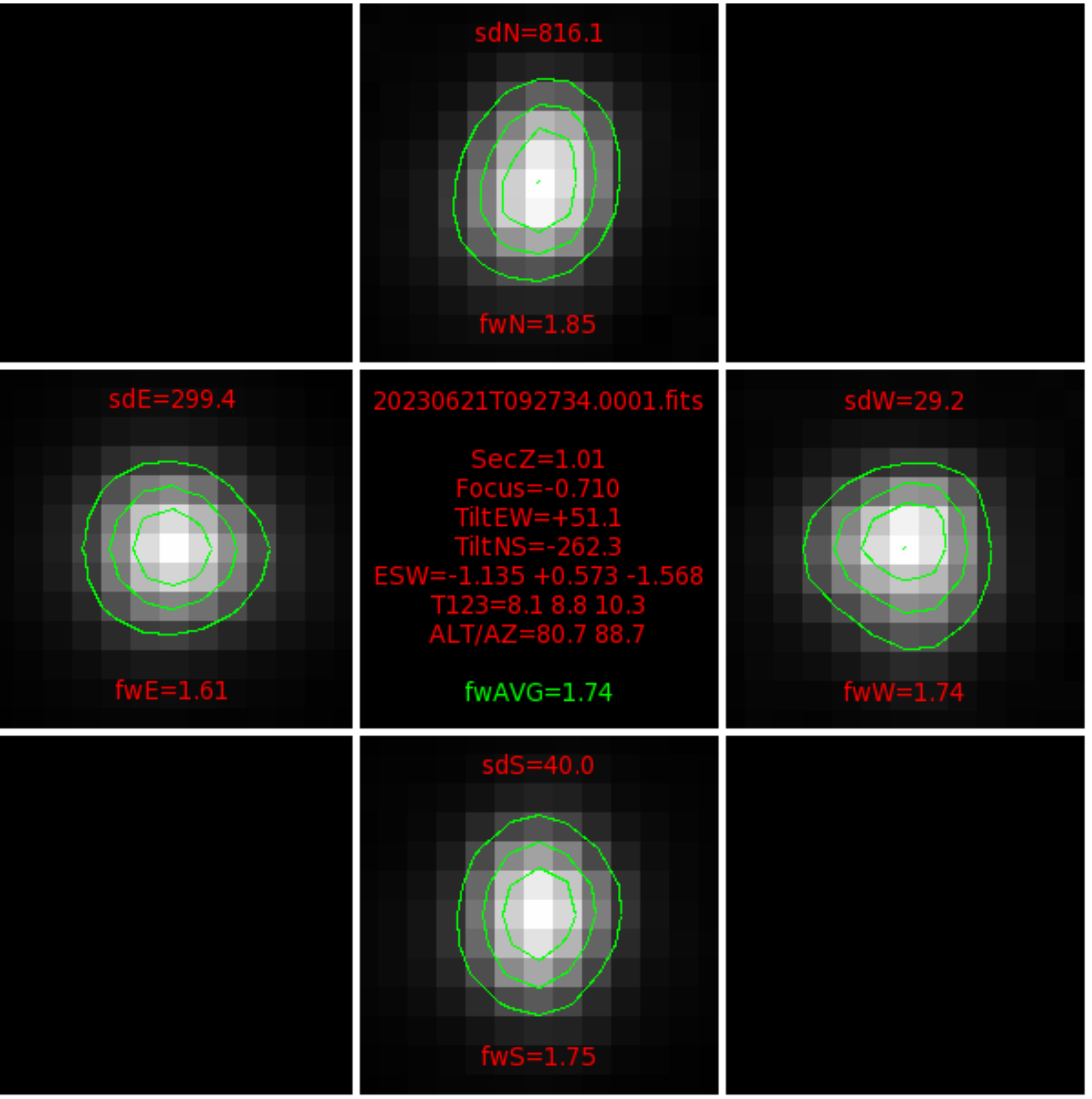
sdN=816.1
fwN=1.85
sdE=299.4
fwE=1.61
20230621T092734.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.1 8.8 10.3
ALT/AZ=80.7 88.7
fwAVG=1.74
sdW=29.2
fwW=1.74
sdS=40.0
fwS=1.75
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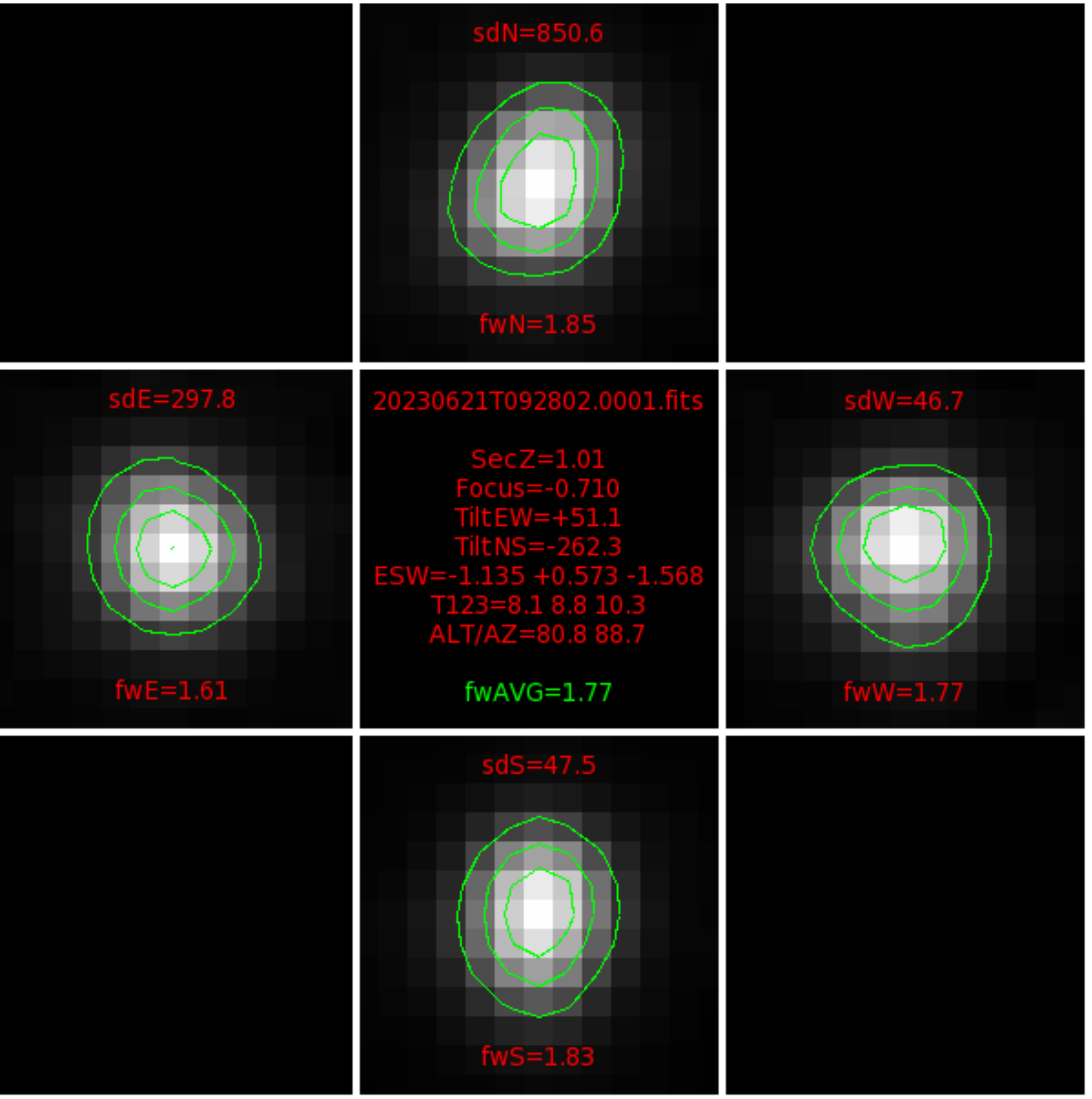
sdN=850.6
fwN=1.85
sdE=297.8
fwE=1.61
20230621T092802.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.1 8.8 10.3
ALT/AZ=80.8 88.7
fwAVG=1.77
sdW=46.7
fwW=1.77
sdS=47.5
fwS=1.83
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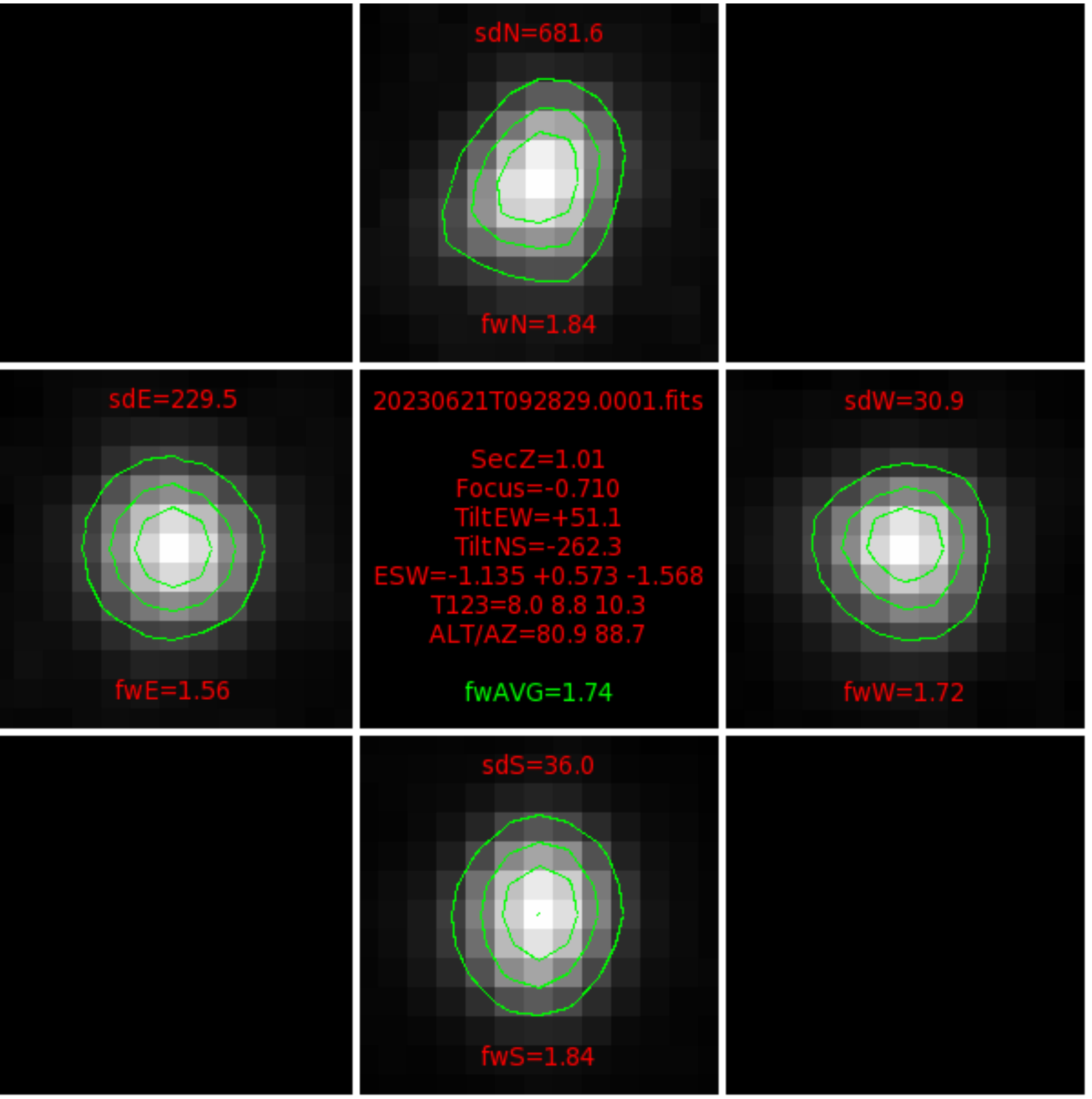
sdN=681.6
fwN=1.84
sdE=229.5
fwE=1.56
20230621T092829.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.0 8.8 10.3
ALT/AZ=80.9 88.7
fwAVG=1.74
sdW=30.9
fwW=1.72
sdS=36.0
fwS=1.84
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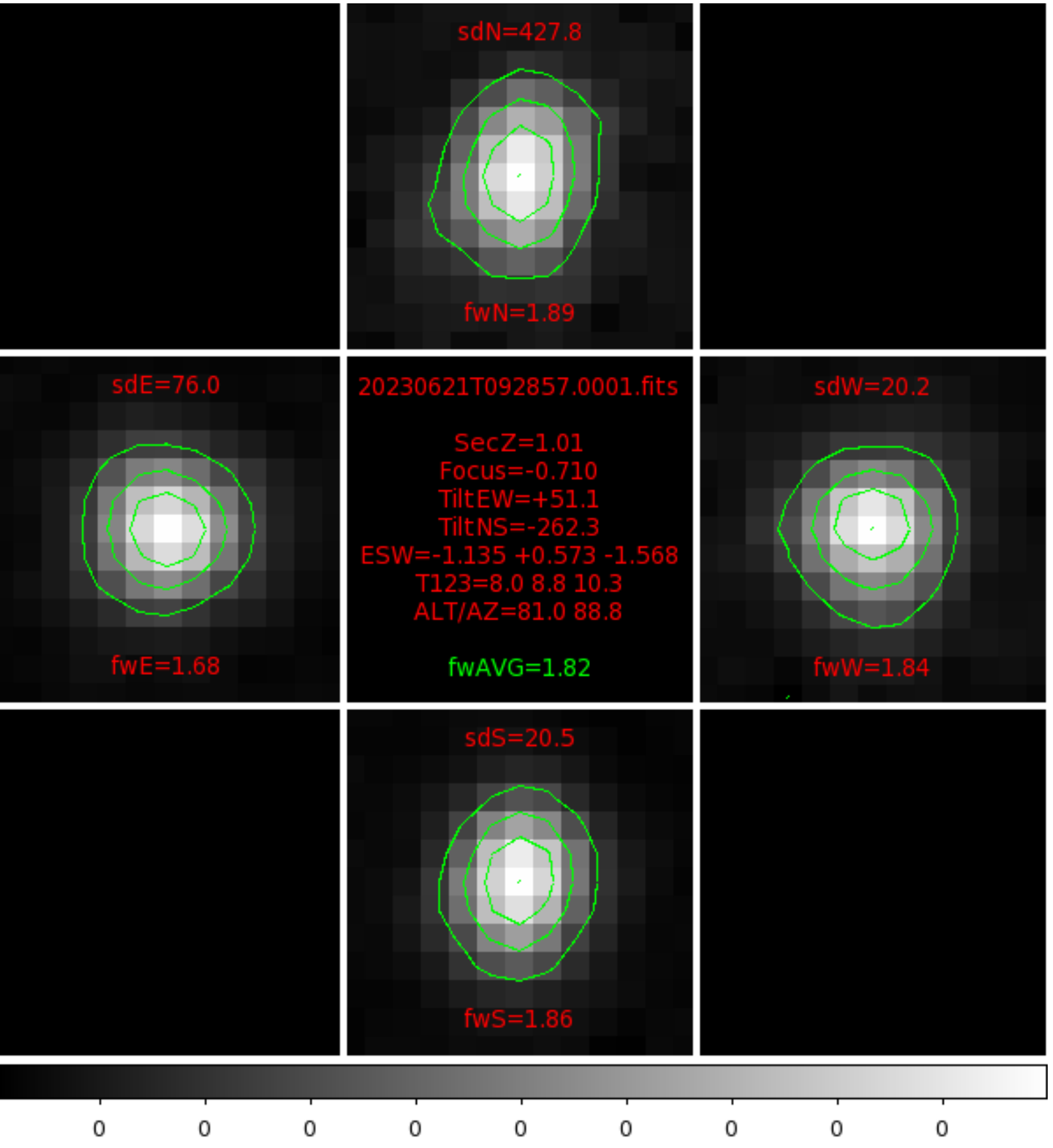
sdN=427.8
fwN=1.89
sdE=76.0
fwE=1.68
20230621T092857.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.0 8.8 10.3
ALT/AZ=81.0 88.8
fwAVG=1.82
sdW=20.2
fwW=1.84
sdS=20.5
fwS=1.86
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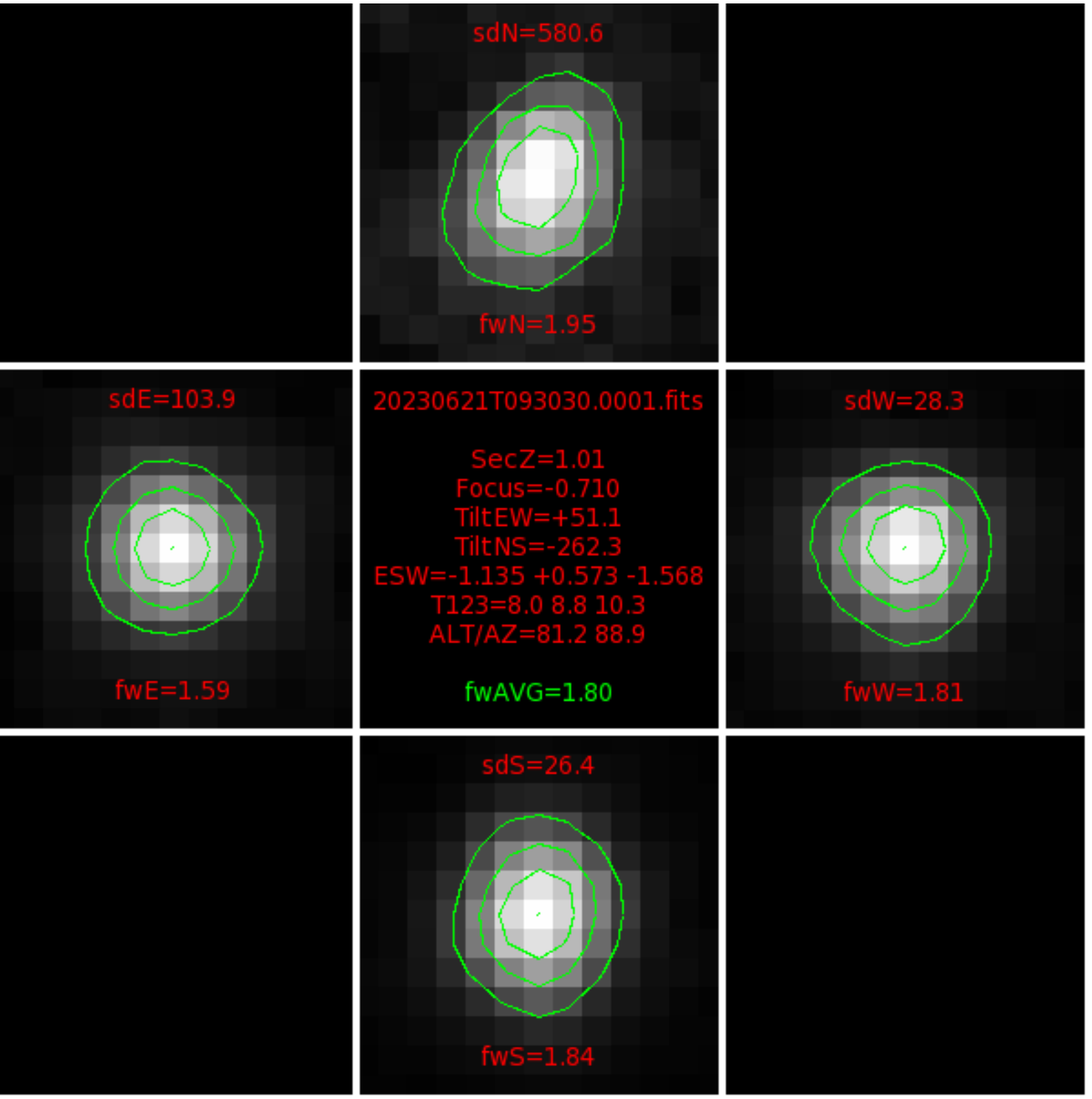
sdN=580.6
fwN=1.95
sdE=103.9
fwE=1.59
20230621T093030.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.0 8.8 10.3
ALT/AZ=81.2 88.9
fwAVG=1.80
sdW=28.3
fwW=1.81
sdS=26.4
fwS=1.84
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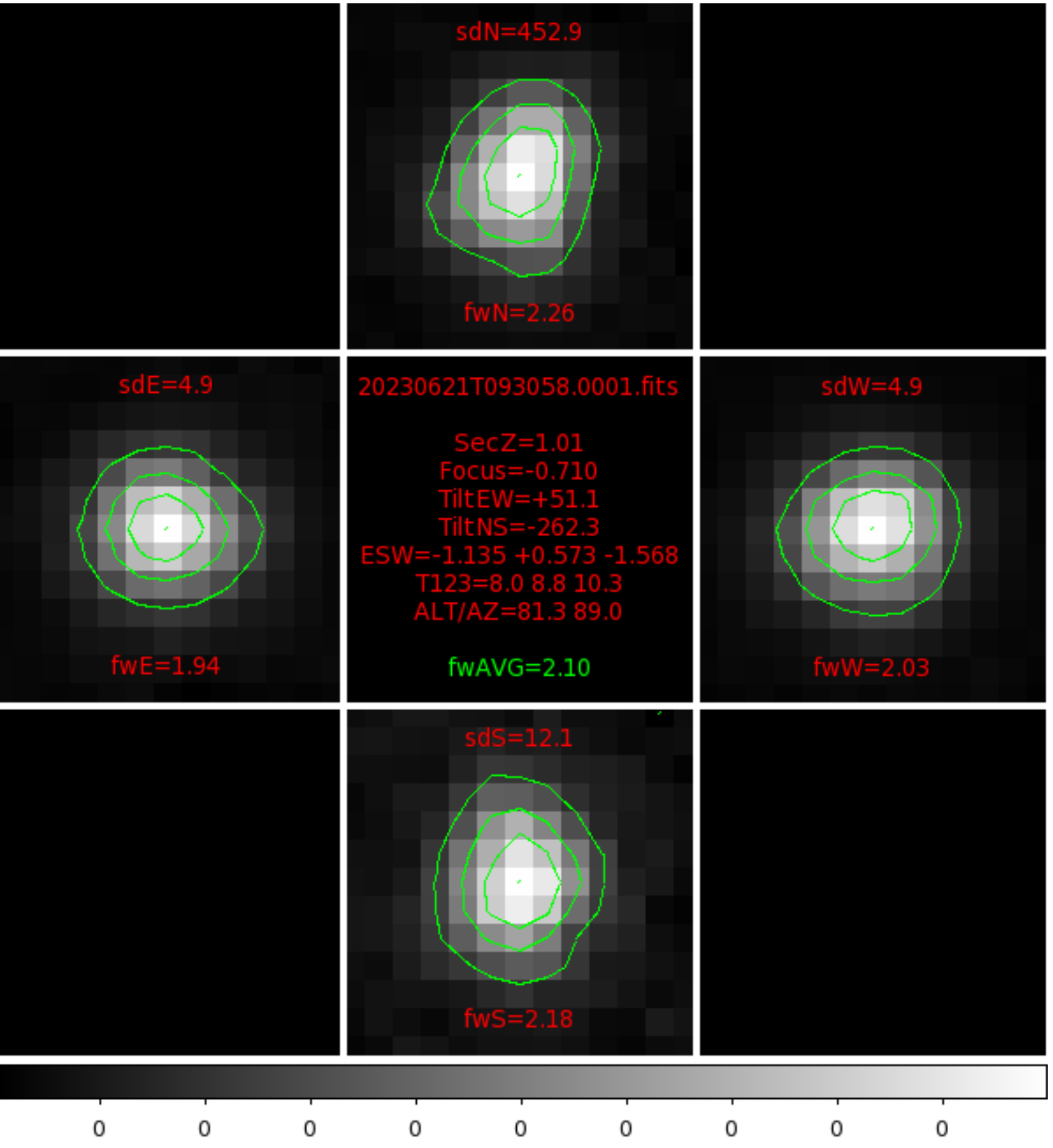
sdN=452.9
fwN=2.26
sdE=4.9
fwE=1.94
20230621T093058.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.0 8.8 10.3
ALT/AZ=81.3 89.0
fwAVG=2.10
sdW=4.9
fwW=2.03
sdS=12.1
fwS=2.18
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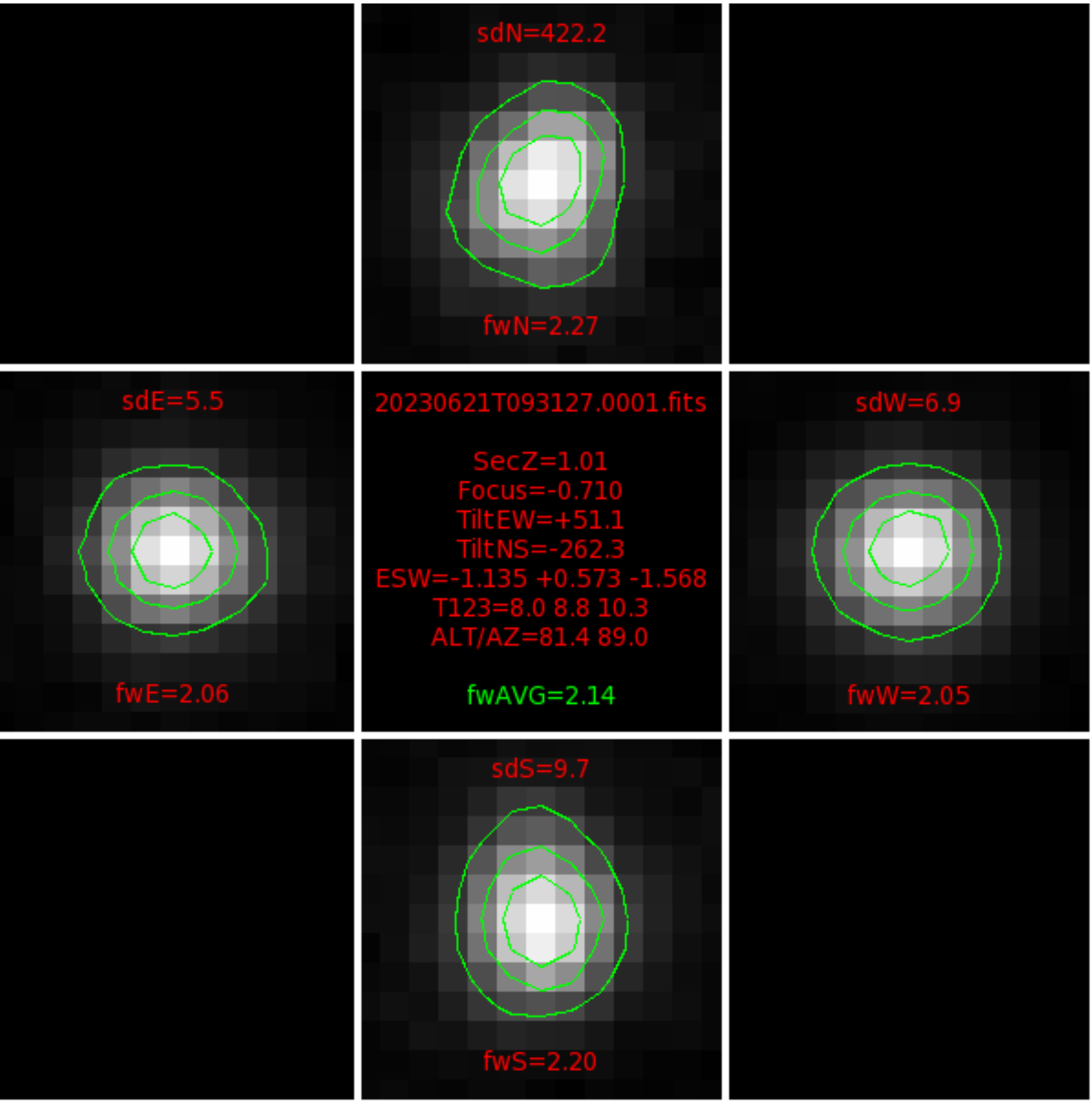
sdN=422.2
fwN=2.27
sdE=5.5
fwE=2.06
20230621T093127.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.0 8.8 10.3
ALT/AZ=81.4 89.0
fwAVG=2.14
sdW=6.9
fwW=2.05
sdS=9.7
fwS=2.20
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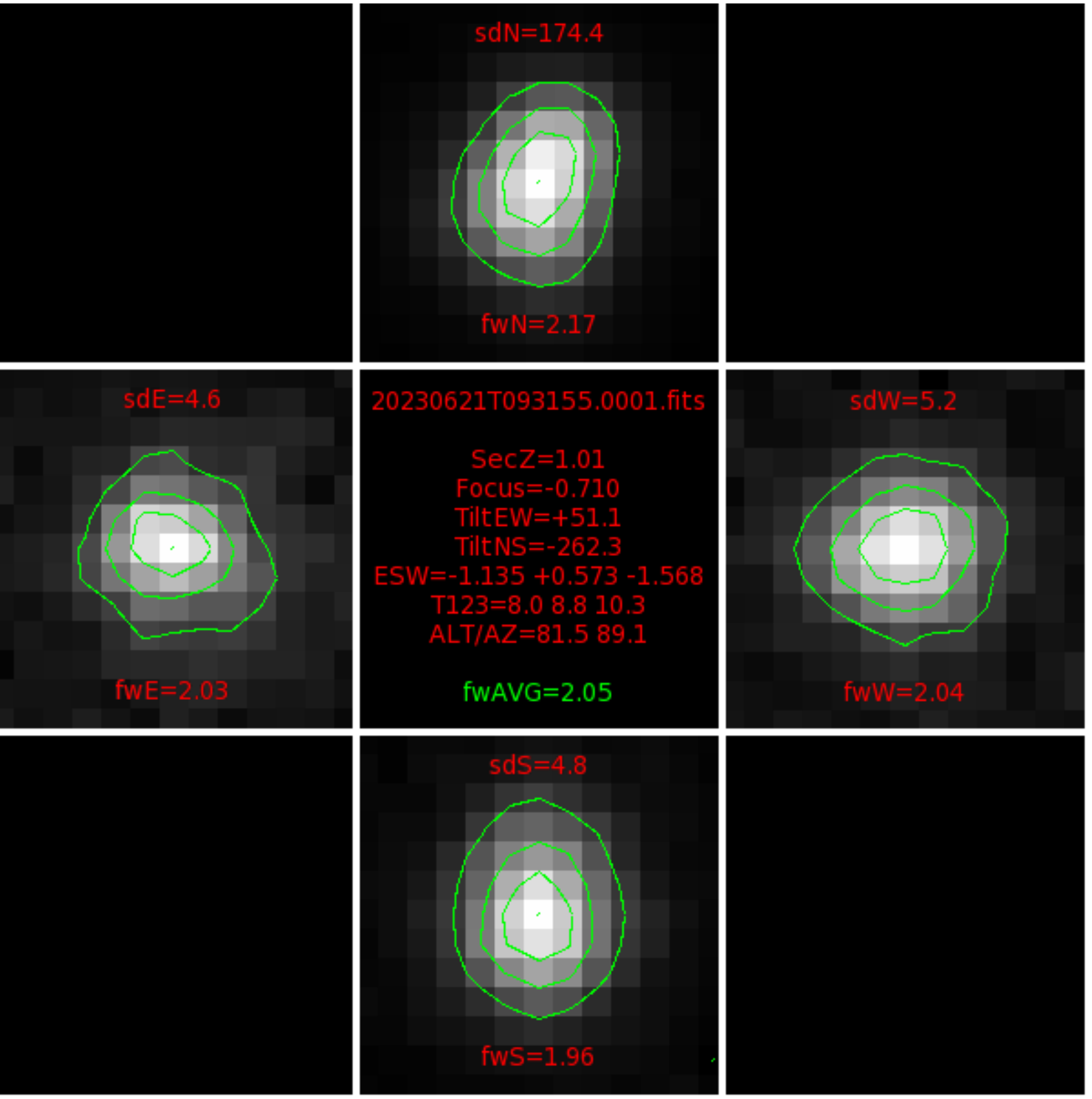
sdN=174.4
fwN=2.17
sdE=4.6
fwE=2.03
20230621T093155.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.0 8.8 10.3
ALT/AZ=81.5 89.1
fwAVG=2.05
sdW=5.2
fwW=2.04
sdS=4.8
fwS=1.96
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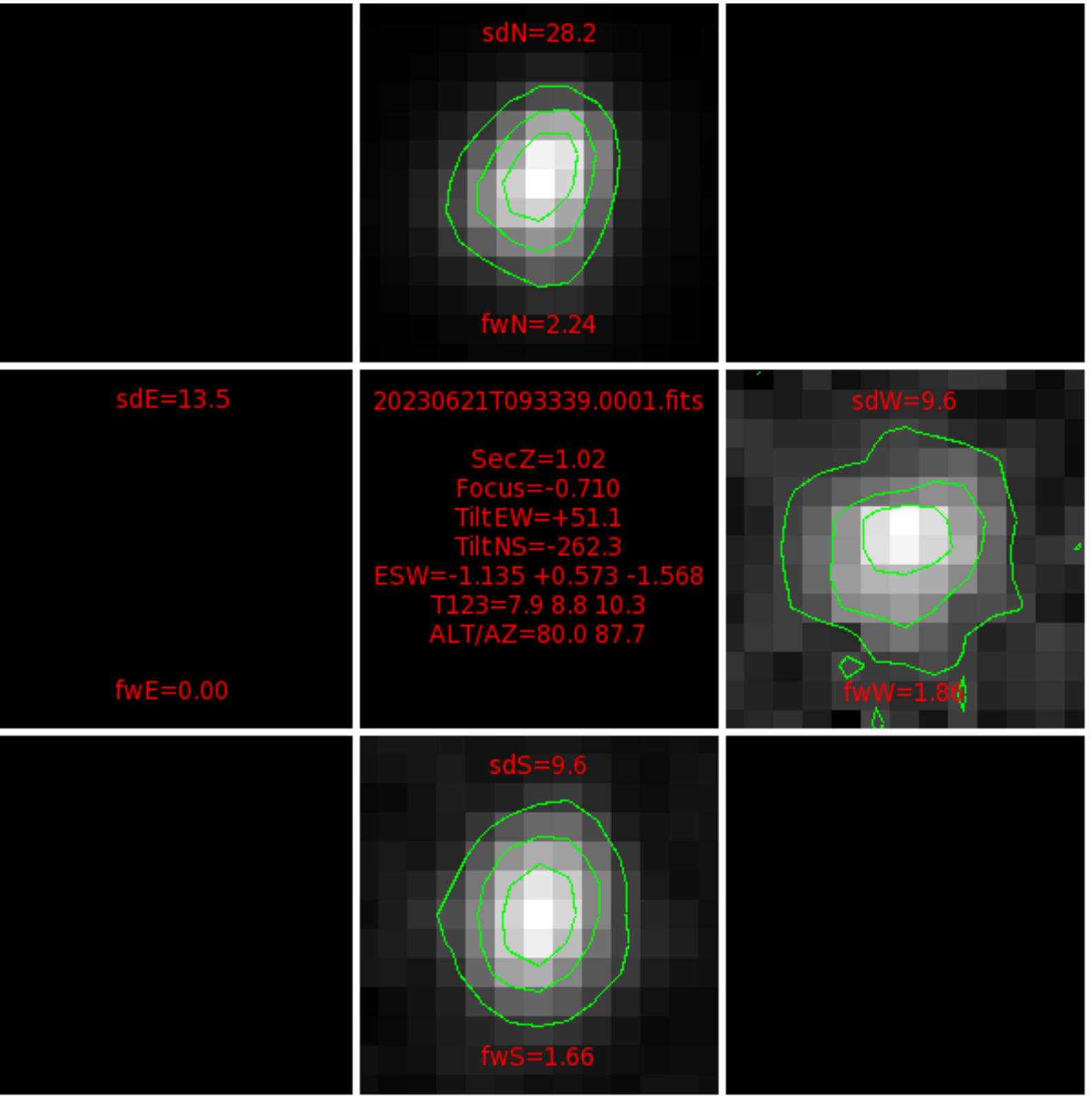
sdN=28.2
fwN=2.24
sdE=13.5
fwE=0.00
20230621T093339.0001.fits
SecZ=1.02
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=7.9 8.8 10.3
ALT/AZ=80.0 87.7
sdW=9.6
fwW=1.86
sdS=9.6
fwS=1.66
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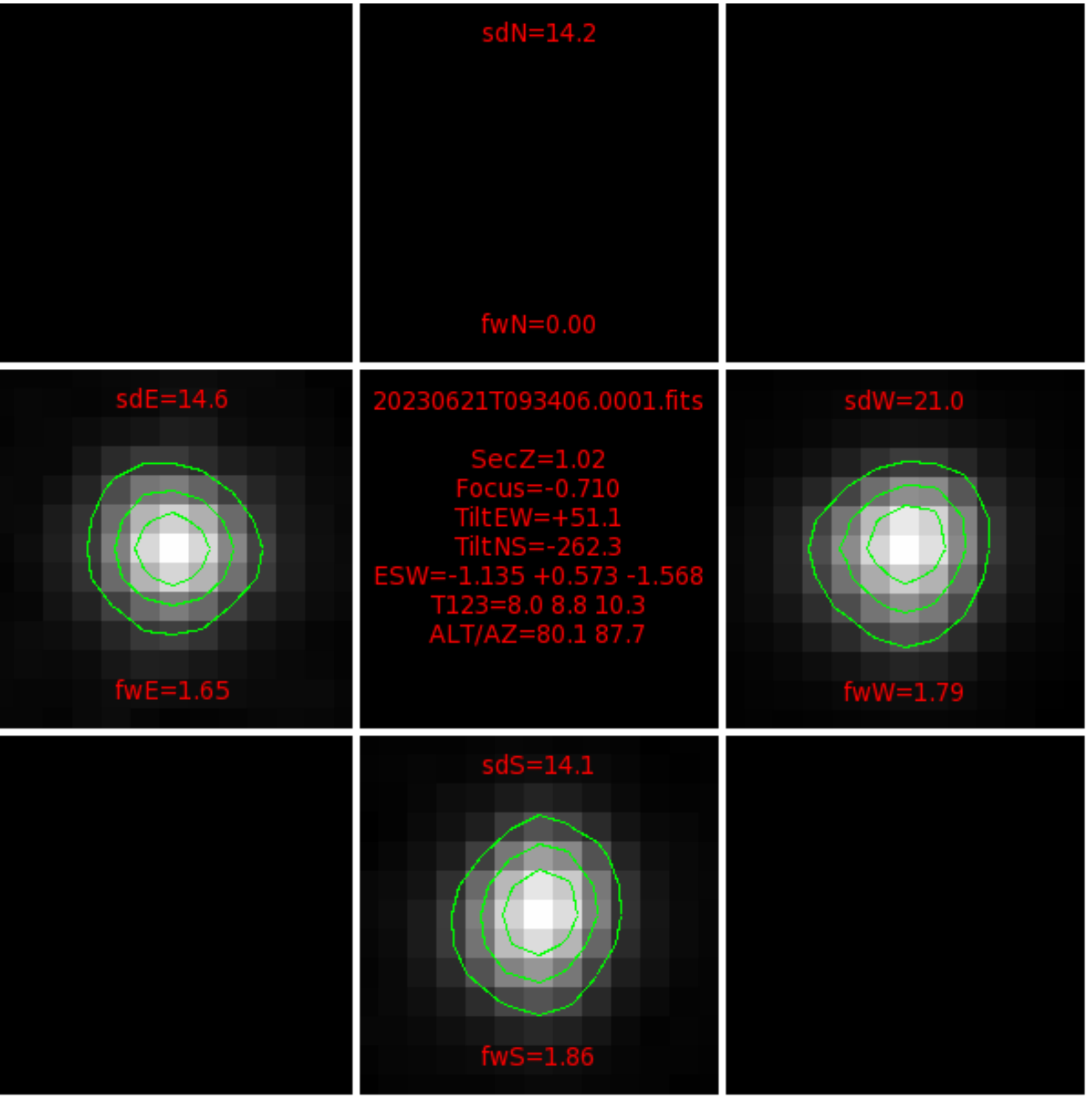
sdN=14.2
fwN=0.00
sdE=14.6
fwE=1.65
20230621T093406.0001.fits
SecZ=1.02
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.0 8.8 10.3
ALT/AZ=80.1 87.7
sdW=21.0
fwW=1.79
sdS=14.1
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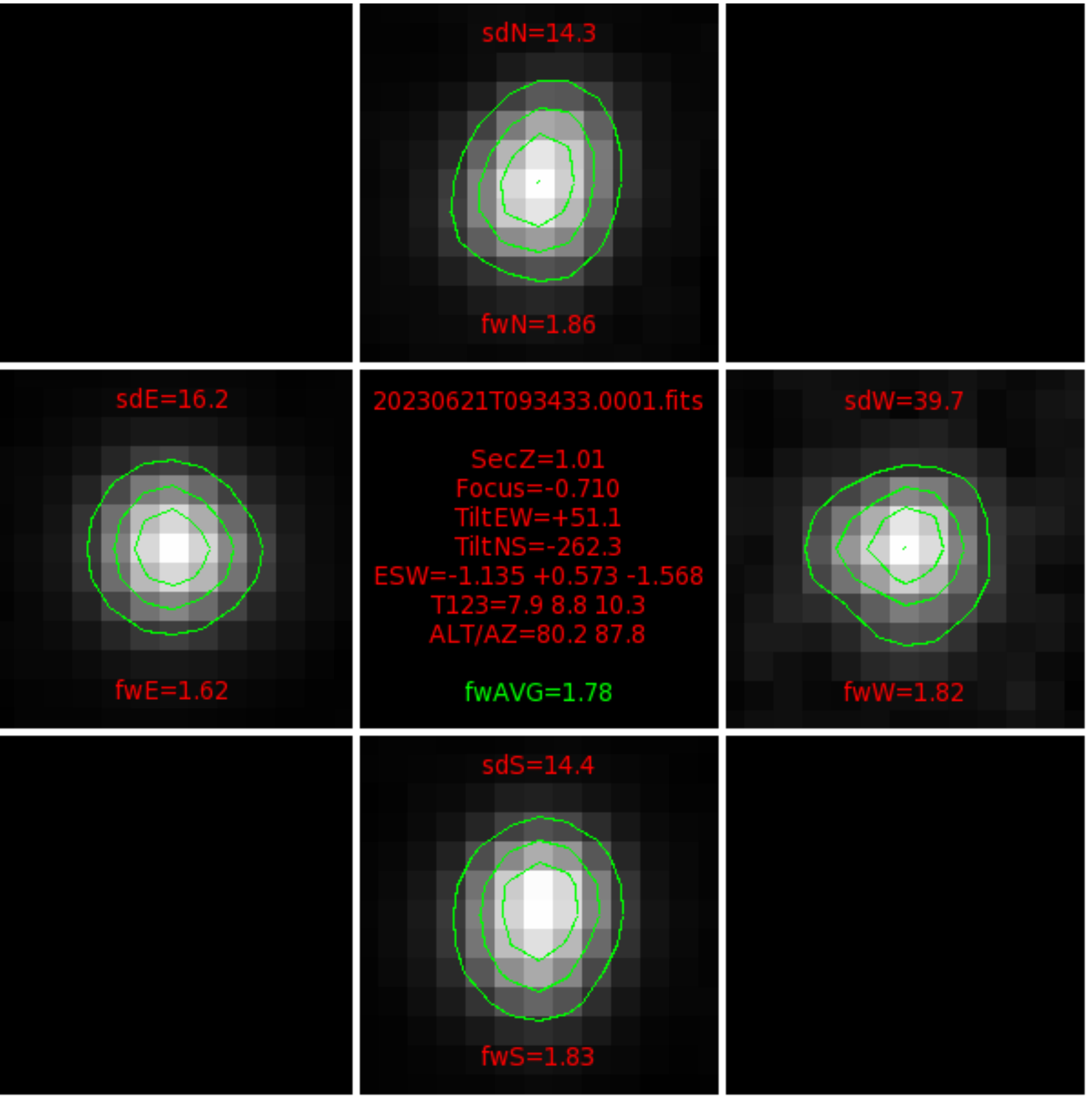
sdN=14.3
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sdE=16.2
fwE=1.62
20230621T093433.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=7.9 8.8 10.3
ALT/AZ=80.2 87.8
fwAVG=1.78
sdW=39.7
fwW=1.82
sdS=14.4
fwS=1.83
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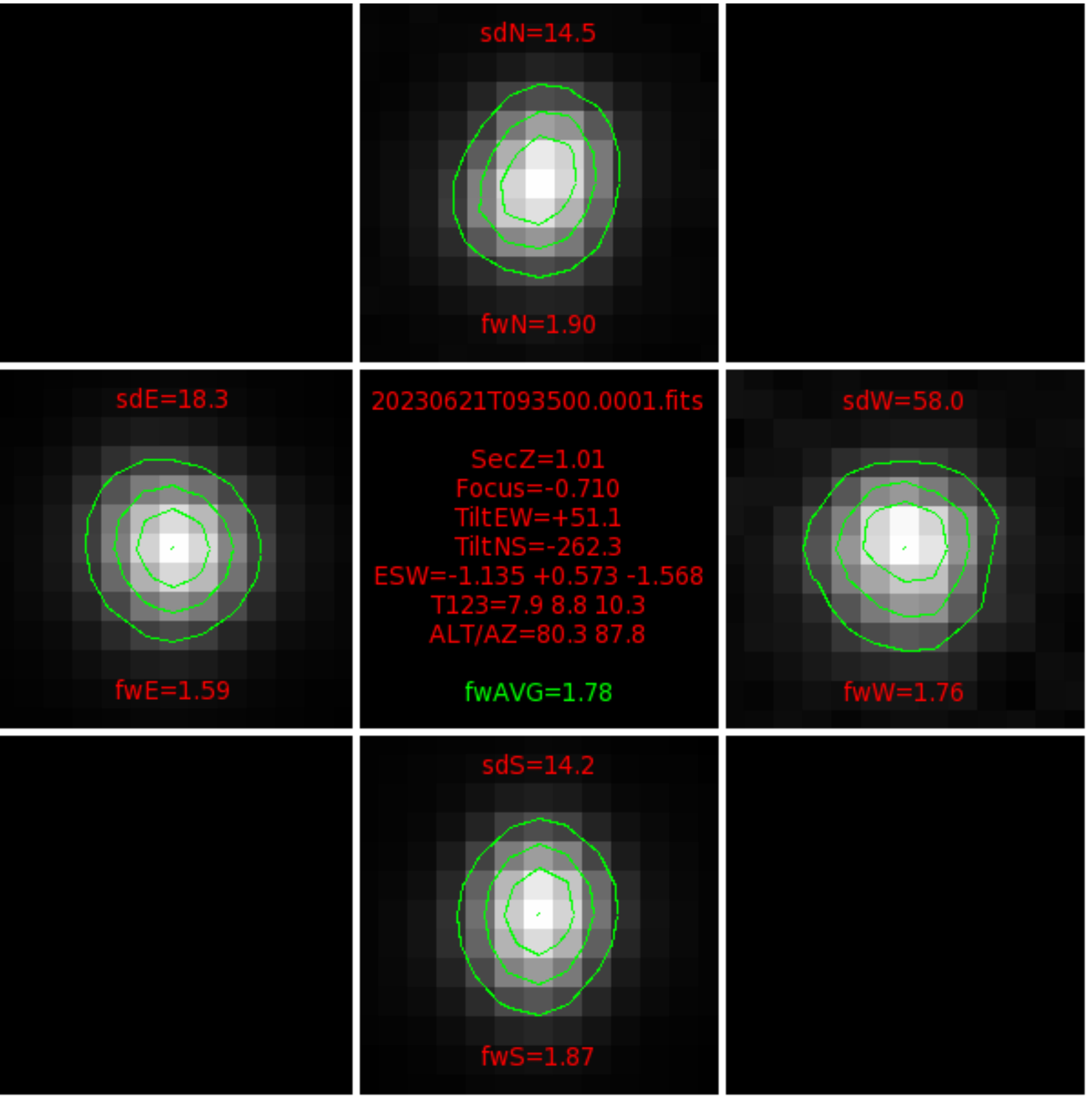
sdN=14.5
fwN=1.90
sdE=18.3
fwE=1.59
20230621T093500.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=7.9 8.8 10.3
ALT/AZ=80.3 87.8
fwAVG=1.78
sdW=58.0
fwW=1.76
sdS=14.2
fwS=1.87
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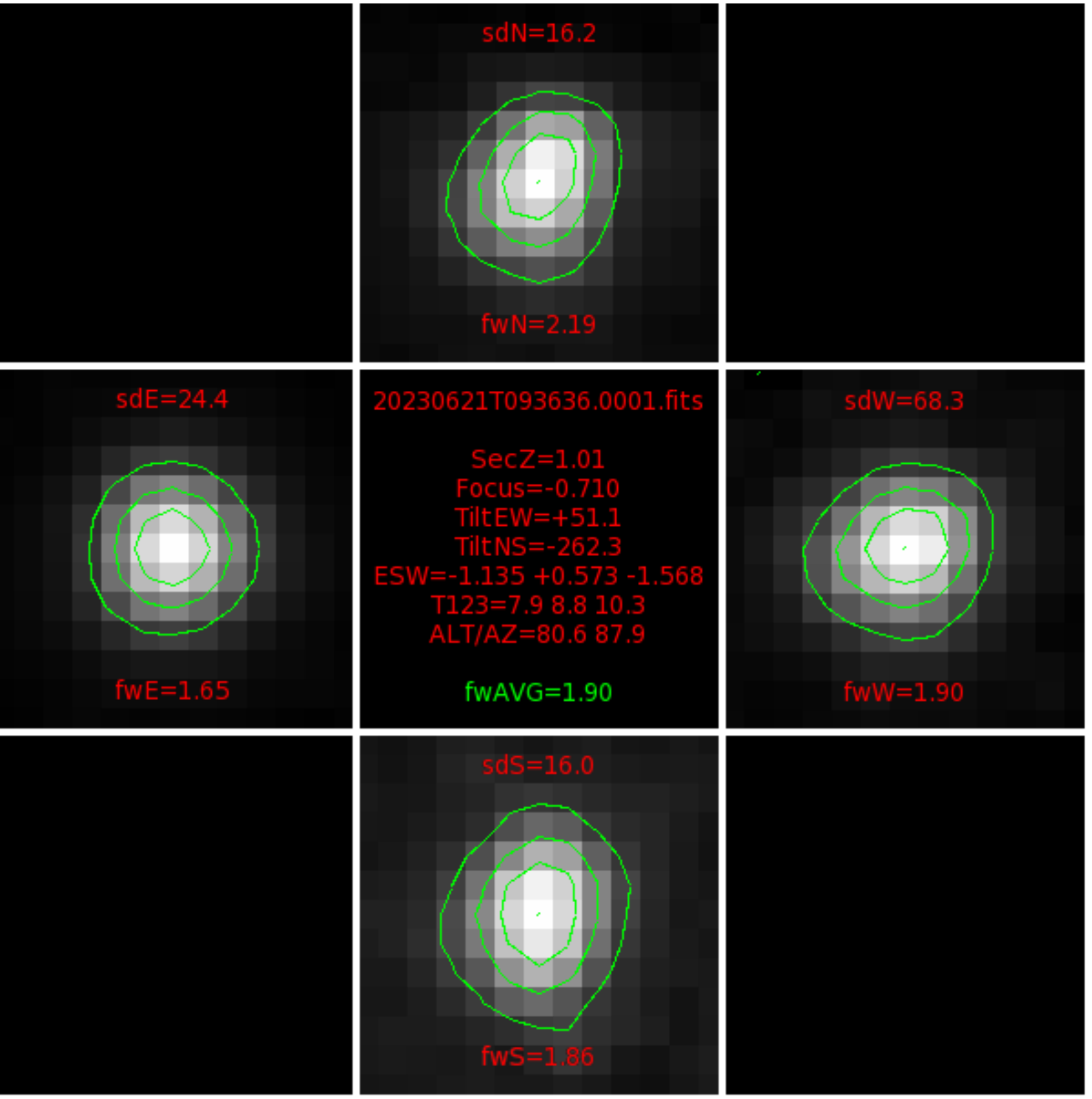
sdN=16.2
fwN=2.19
sdE=24.4
fwE=1.65
20230621T093636.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=7.9 8.8 10.3
ALT/AZ=80.6 87.9
fwAVG=1.90
sdW=68.3
fwW=1.90
sdS=16.0
fwS=1.86
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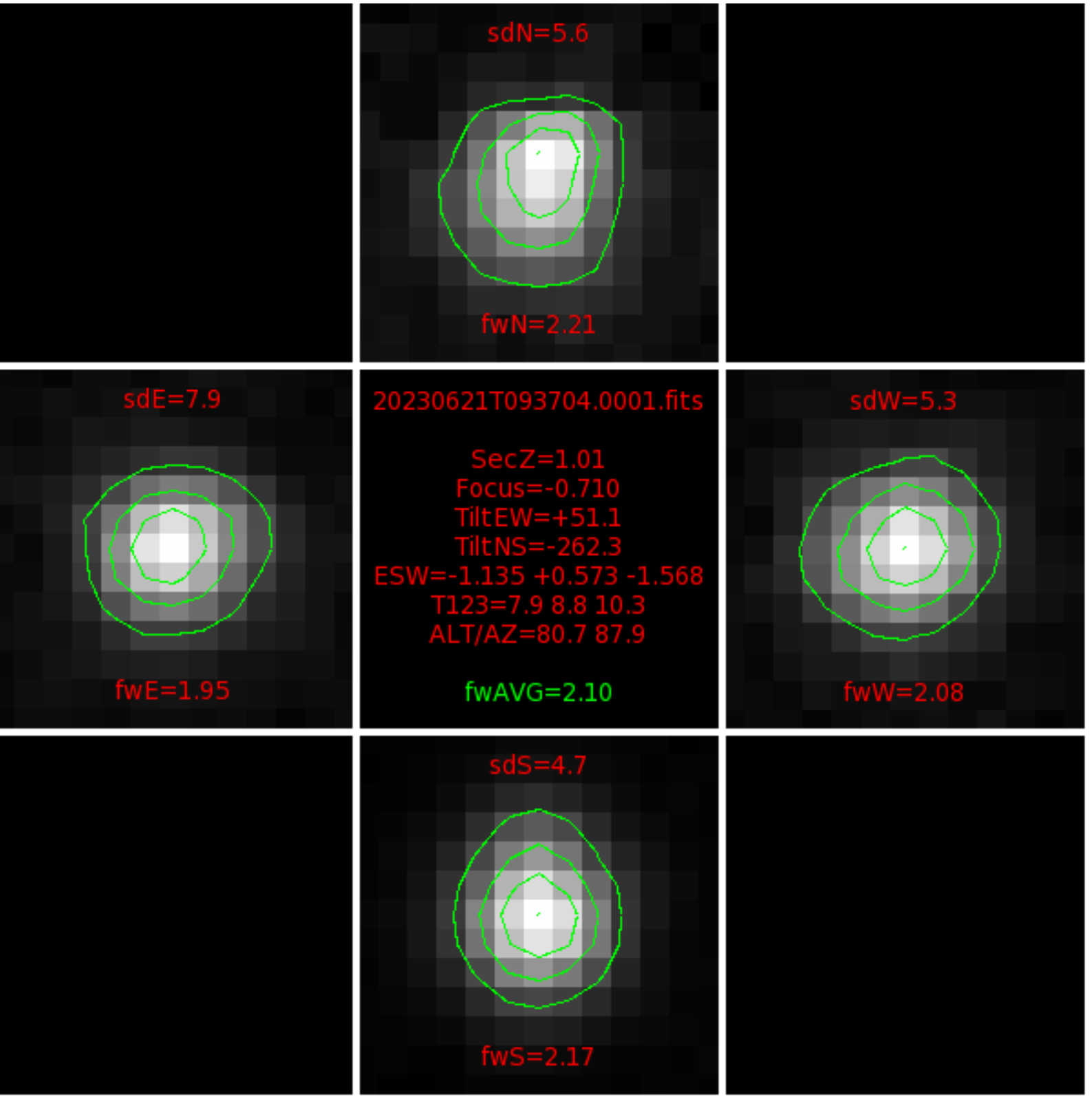
sdN=5.6
fwN=2.21
sdE=7.9
fwE=1.95
20230621T093704.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=7.9 8.8 10.3
ALT/AZ=80.7 87.9
fwAVG=2.10
sdW=5.3
fwW=2.08
sdS=4.7
fwS=2.17
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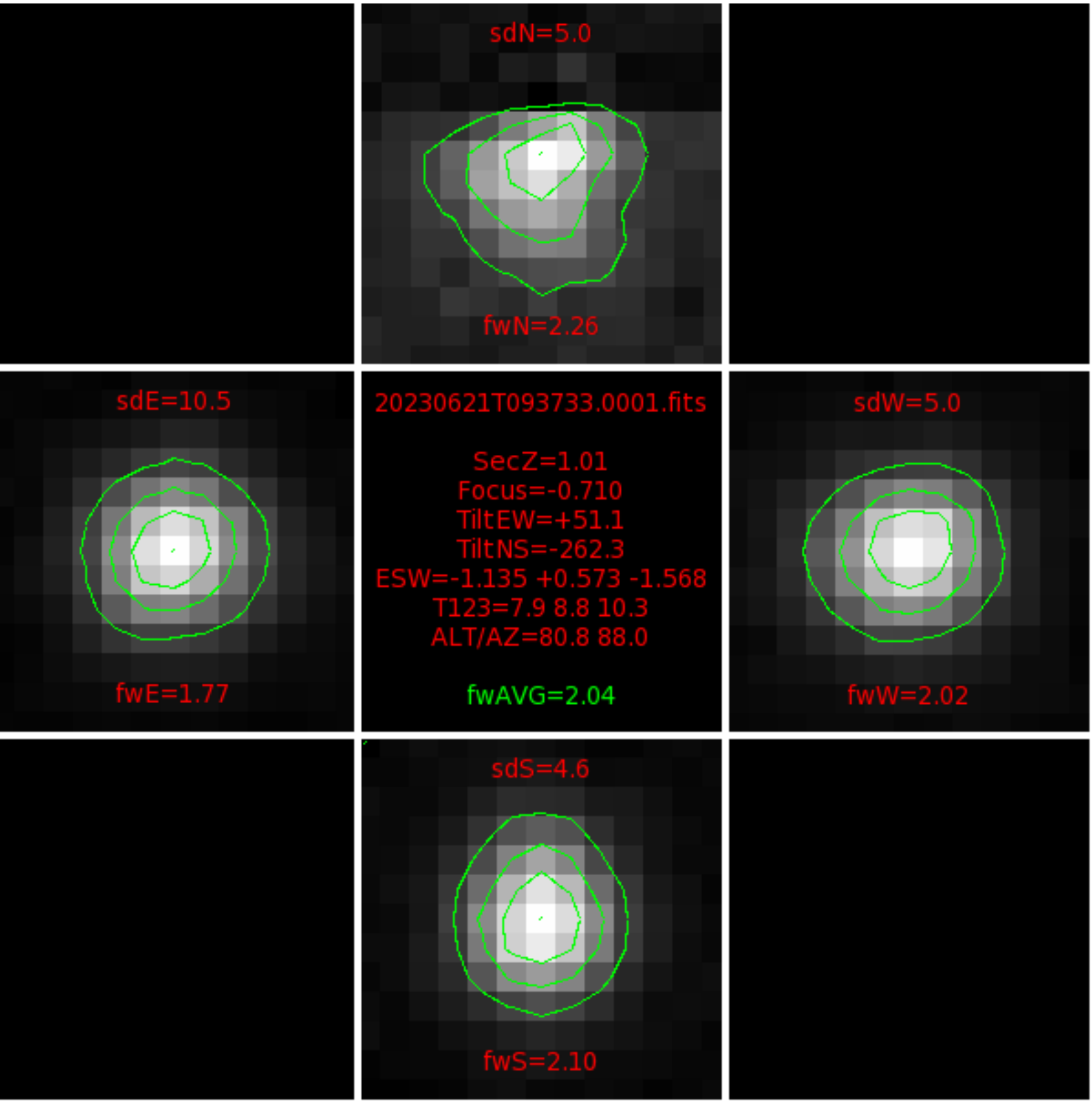
sdN=5.0
fwN=2.26
sdE=10.5
fwE=1.77
20230621T093733.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=7.9 8.8 10.3
ALT/AZ=80.8 88.0
fwAVG=2.04
sdW=5.0
fwW=2.02
sdS=4.6
fwS=2.10
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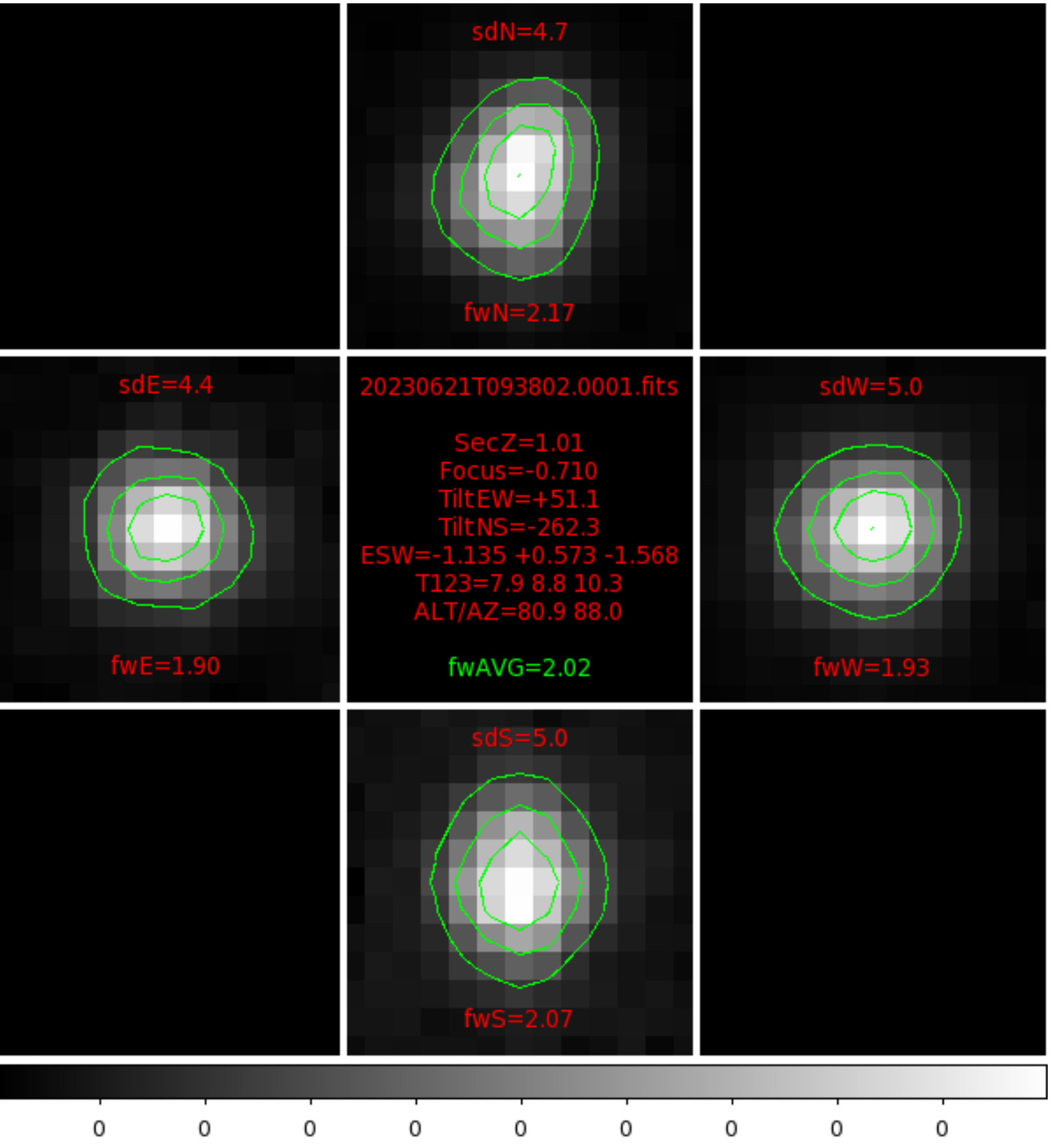
sdN=4.7
fwN=2.17
sdE=4.4
fwE=1.90
20230621T093802.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=7.9 8.8 10.3
ALT/AZ=80.9 88.0
fwAVG=2.02
sdW=5.0
fwW=1.93
sdS=5.0
fwS=2.07
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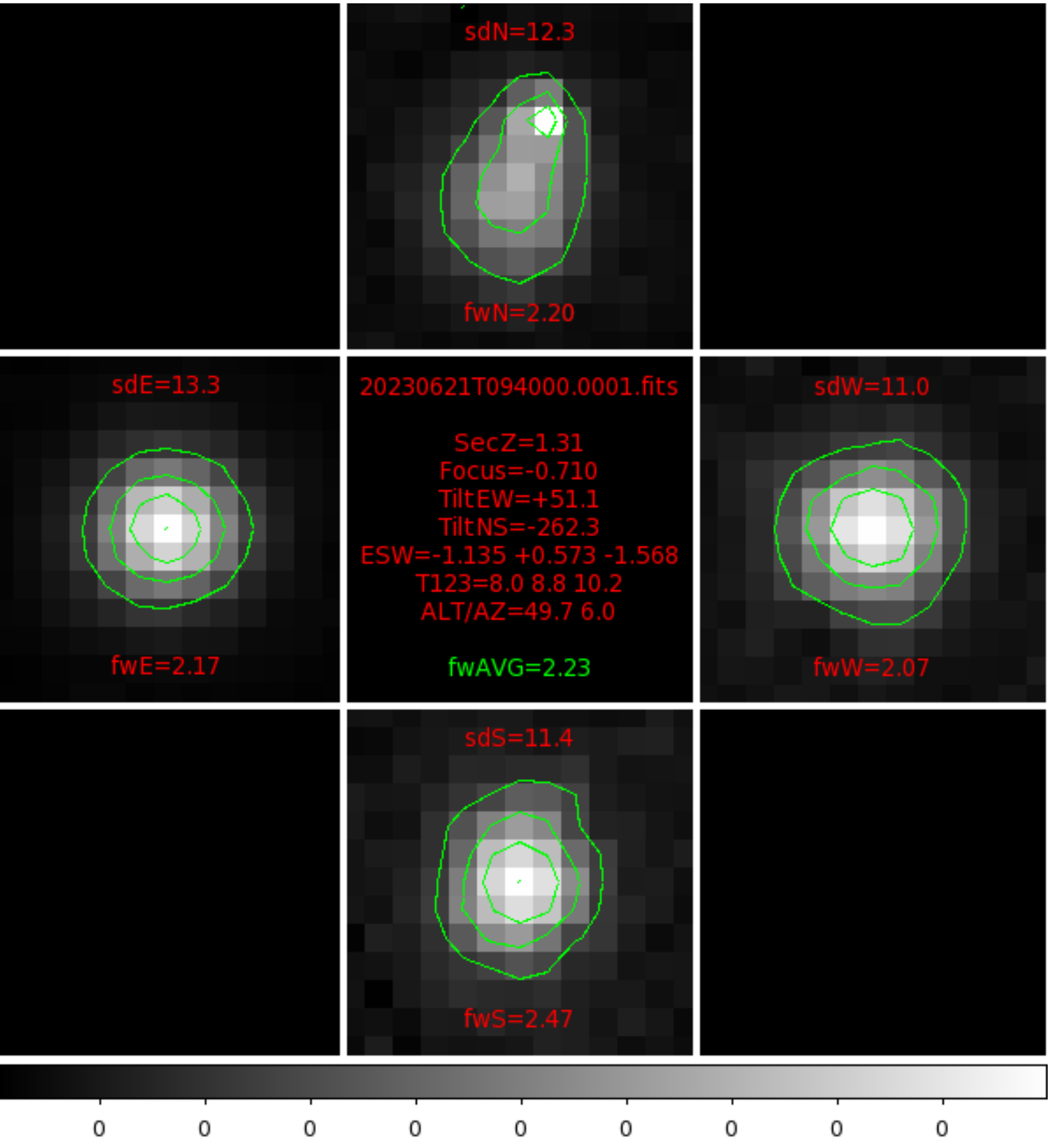
sdN=12.3
fwN=2.20
sdE=13.3
fwE=2.17
20230621T094000.0001.fits
SecZ=1.31
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.0 8.8 10.2
ALT/AZ=49.7 6.0
fwAVG=2.23
sdW=11.0
fwW=2.07
sdS=11.4
fwS=2.47
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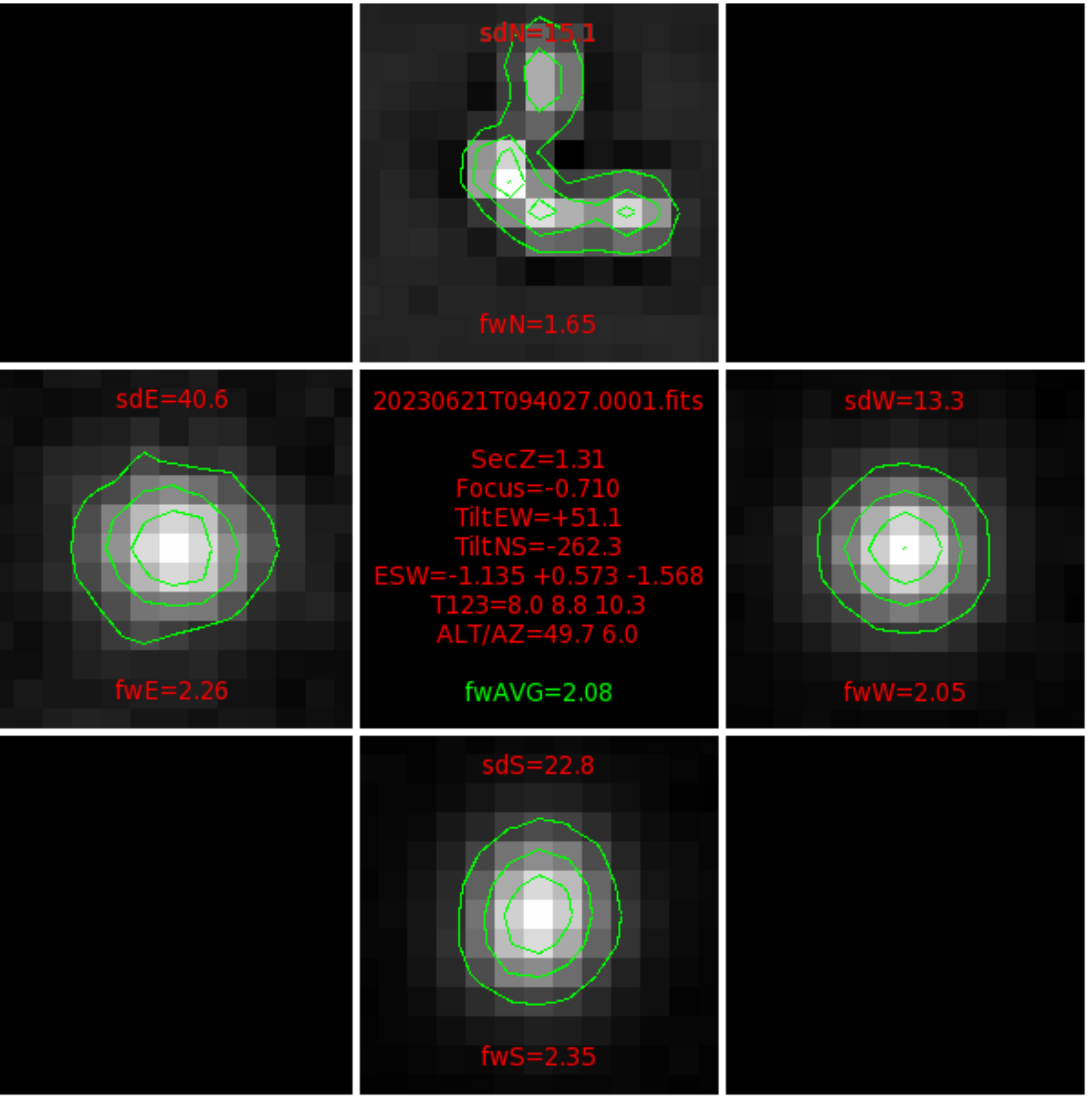
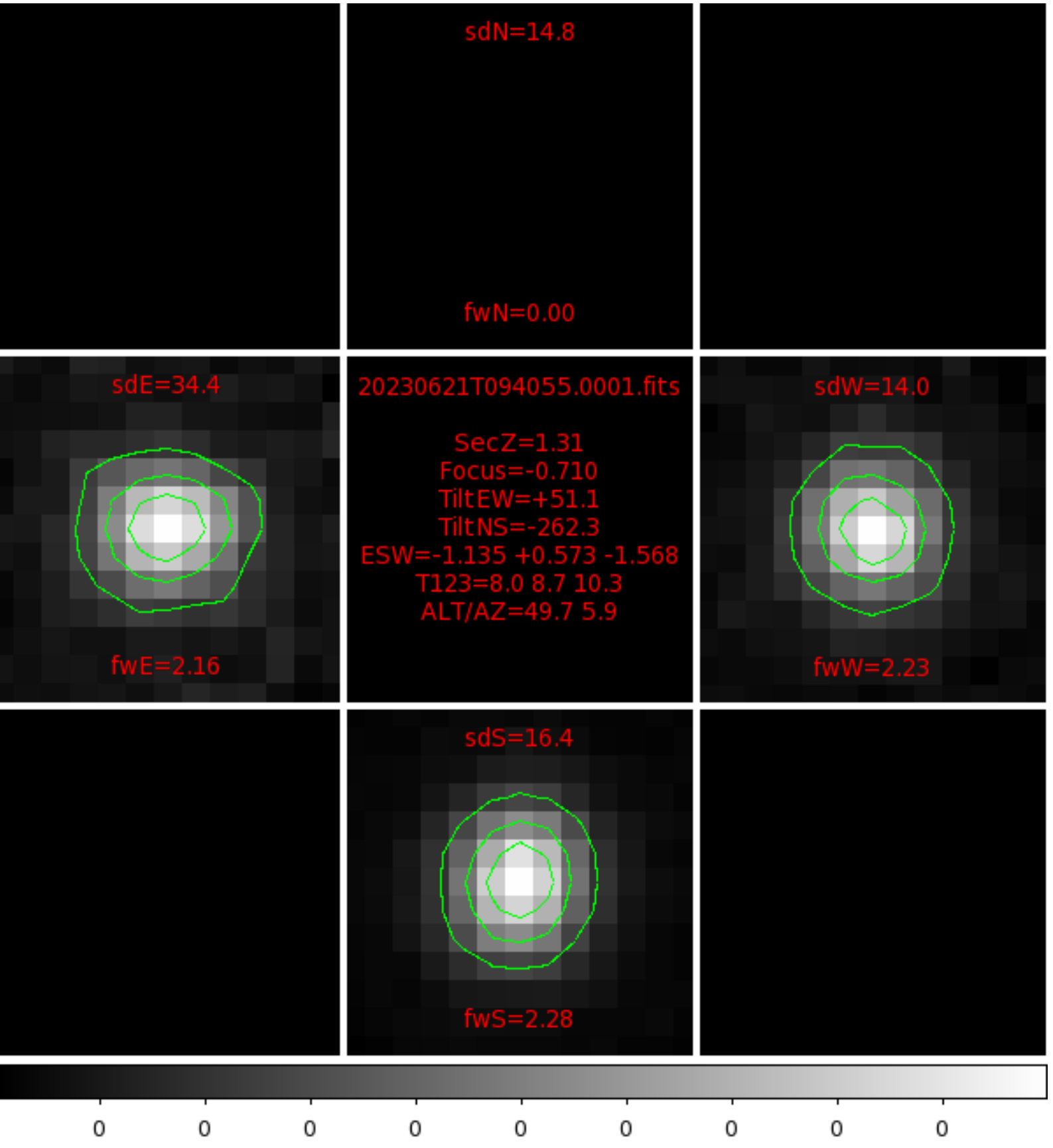

sdN=15.1
fwN=1.65
sdE=40.6
fwE=2.26
20230621T094027.0001.fits
SecZ=1.31
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.0 8.8 10.3
ALT/AZ=49.7 6.0
fwAVG=2.08
sdW=13.3
fwW=2.05
sdS=22.8
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=14.8
fwN=0.00
sdE=34.4
fwE=2.16
20230621T094055.0001.fits
SecZ=1.31
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.0 8.7 10.3
ALT/AZ=49.7 5.9
sdW=14.0
fwW=2.23
sdS=16.4
fwS=2.28
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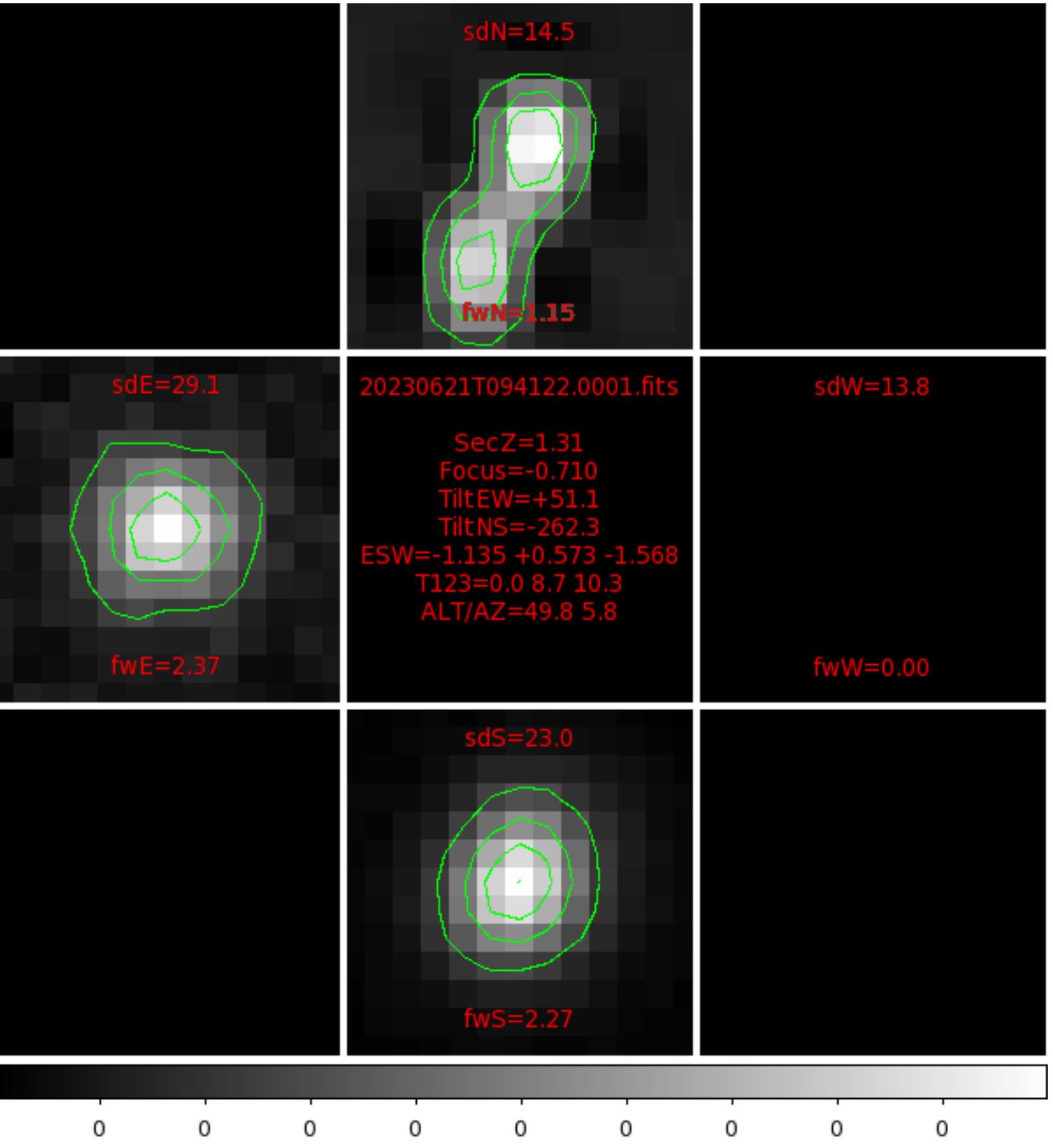
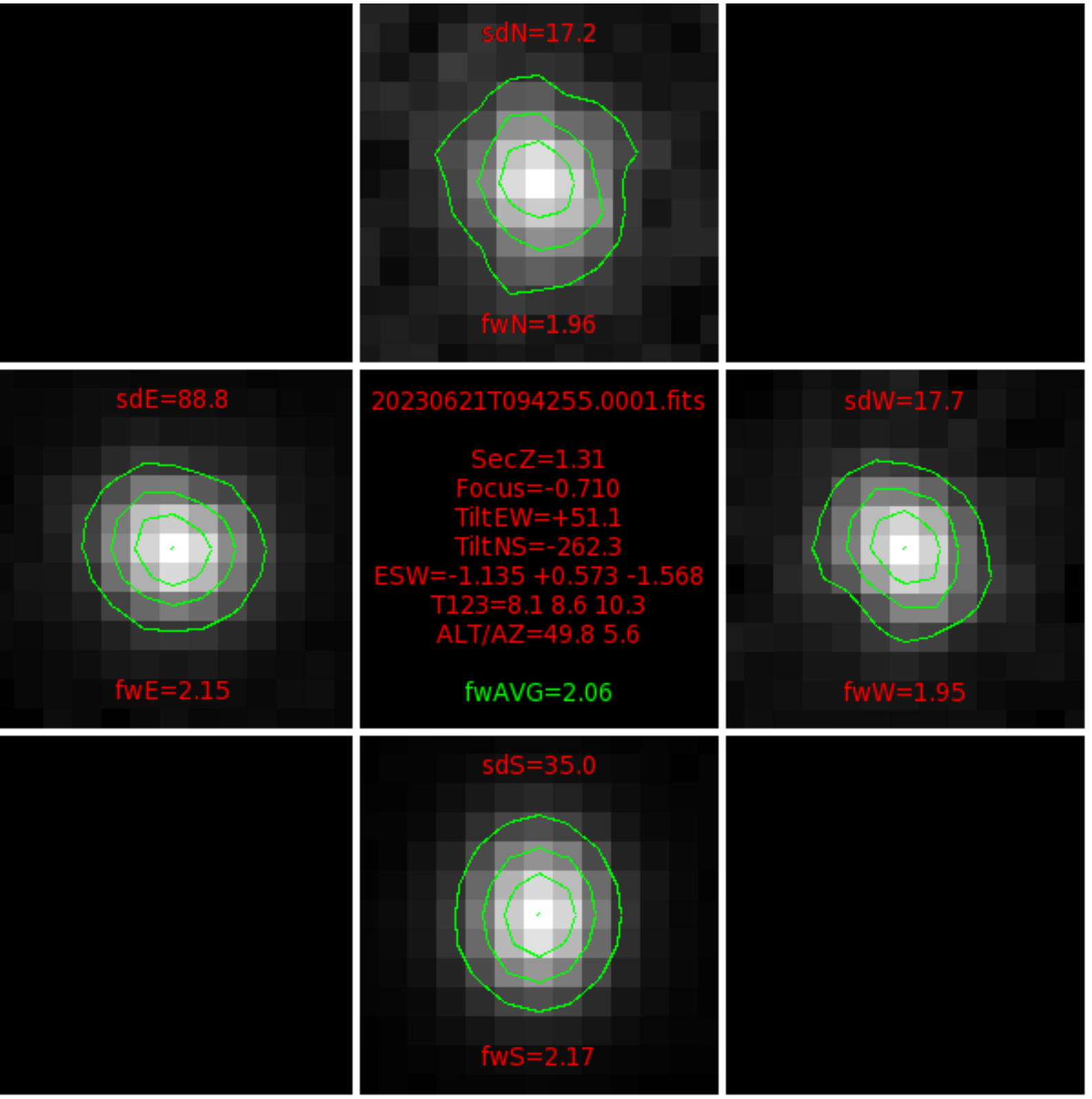
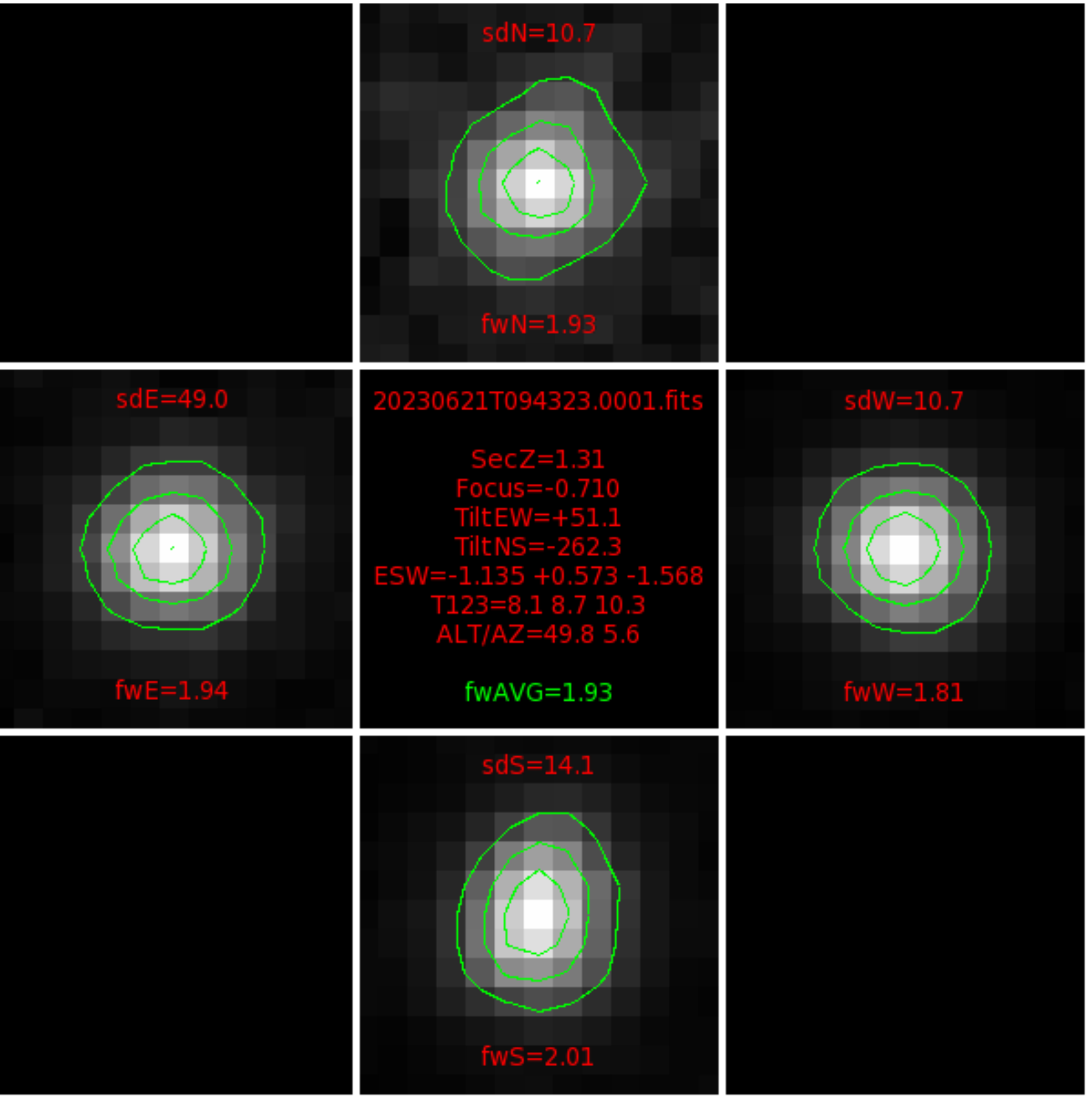

sdN=14.5
fwN=1.15
sdE=29.1
fwE=2.37
20230621T094122.0001.fits
SecZ=1.31
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=0.0 8.7 10.3
ALT/AZ=49.8 5.8
sdW=13.8
fwW=0.00
sdS=23.0
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=17.2
fwN=1.96
sdE=88.8
fwE=2.15
20230621T094255.0001.fits
SecZ=1.31
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.1 8.6 10.3
ALT/AZ=49.8 5.6
fwAVG=2.06
sdW=17.7
fwW=1.95
sdS=35.0
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=10.7
fwN=1.93
sdE=49.0
fwE=1.94
20230621T094323.0001.fits
SecZ=1.31
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.1 8.7 10.3
ALT/AZ=49.8 5.6
fwAVG=1.93
sdW=10.7
fwW=1.81
sdS=14.1
fwS=2.01
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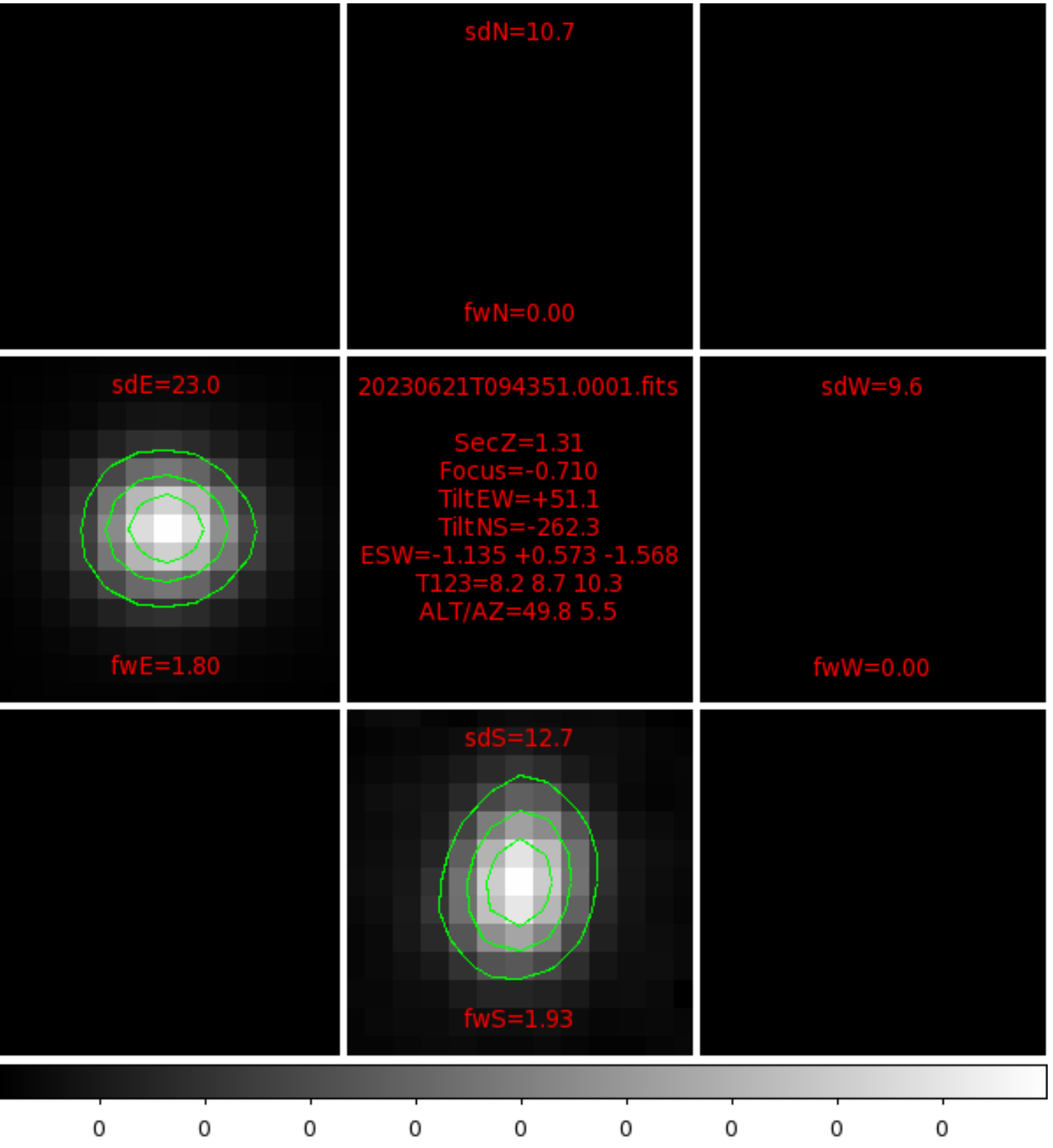
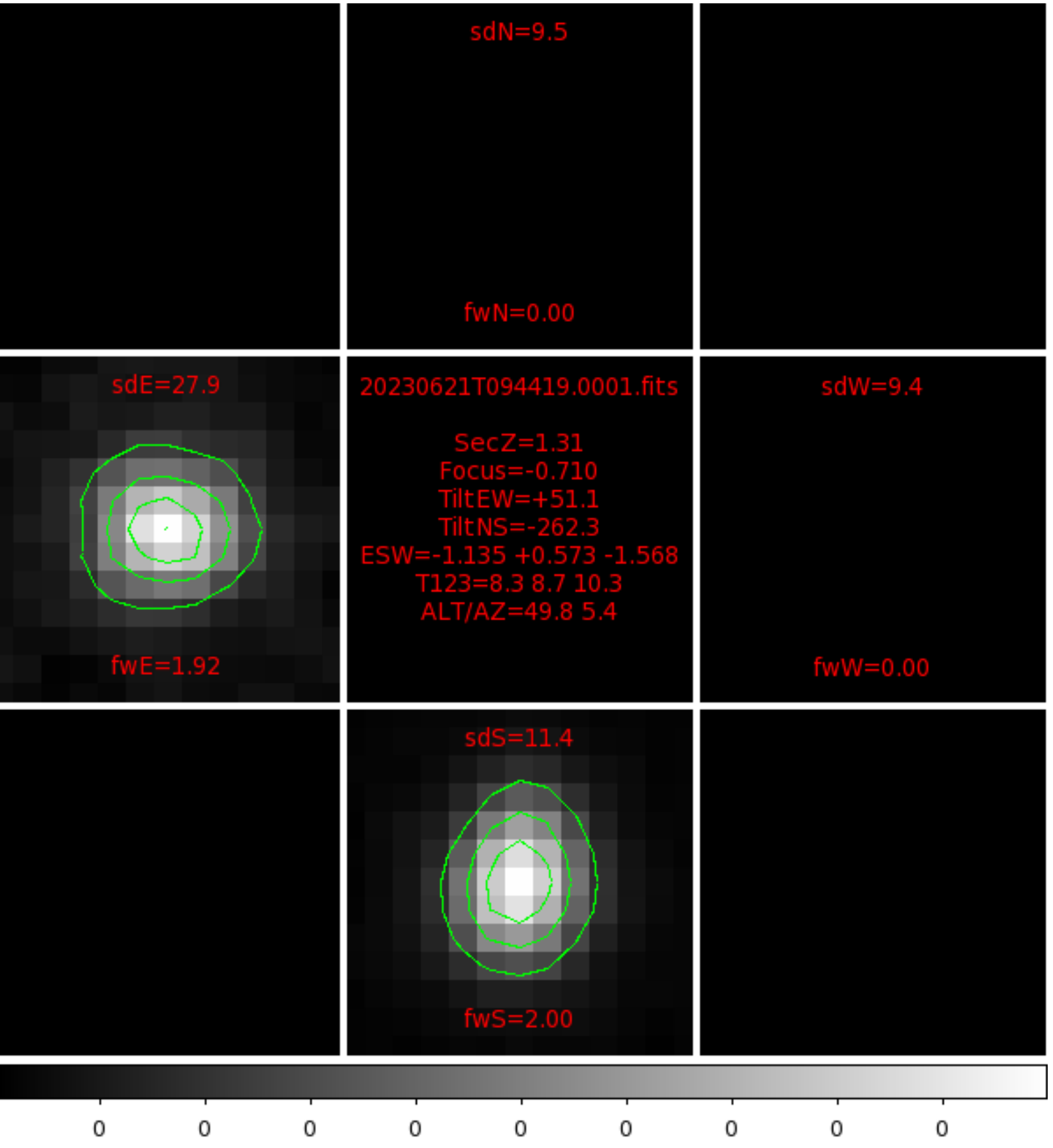

sdN=10.7
fwN=0.00
sdE=23.0
fwE=1.80
20230621T094351.0001.fits
SecZ=1.31
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.2 8.7 10.3
ALT/AZ=49.8 5.5
sdW=9.6
fwW=0.00
sdS=12.7
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=9.5
fwN=0.00
sdE=27.9
fwE=1.92
20230621T094419.0001.fits
SecZ=1.31
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.3 8.7 10.3
ALT/AZ=49.8 5.4
sdW=9.4
fwW=0.00
sdS=11.4
fwS=2.00
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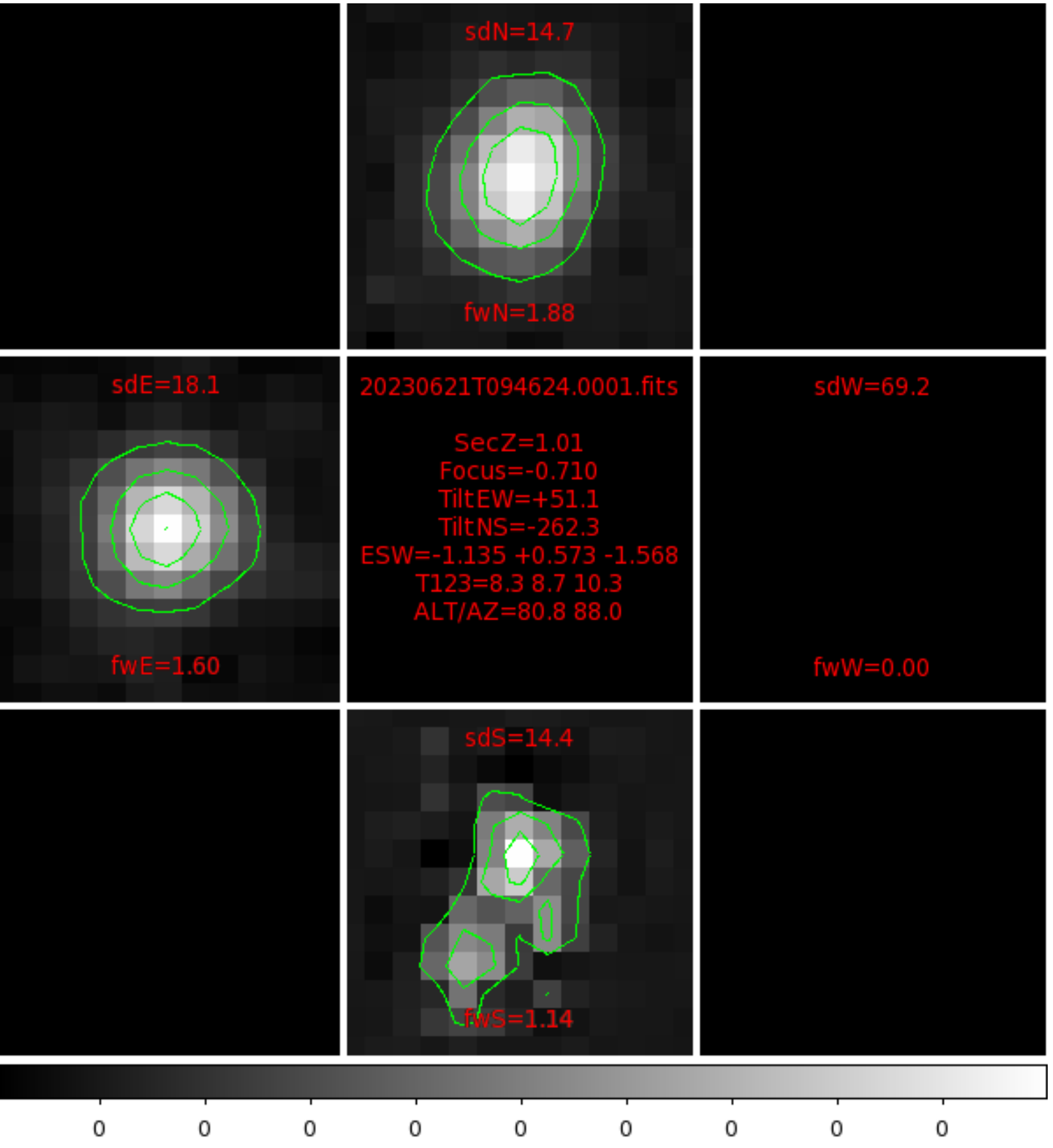
sdN=14.7
fwN=1.88
sdE=18.1
fwE=1.60
20230621T094624.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.3 8.7 10.3
ALT/AZ=80.8 88.0
sdW=69.2
fwW=0.00
sdS=14.4
fwS=1.14
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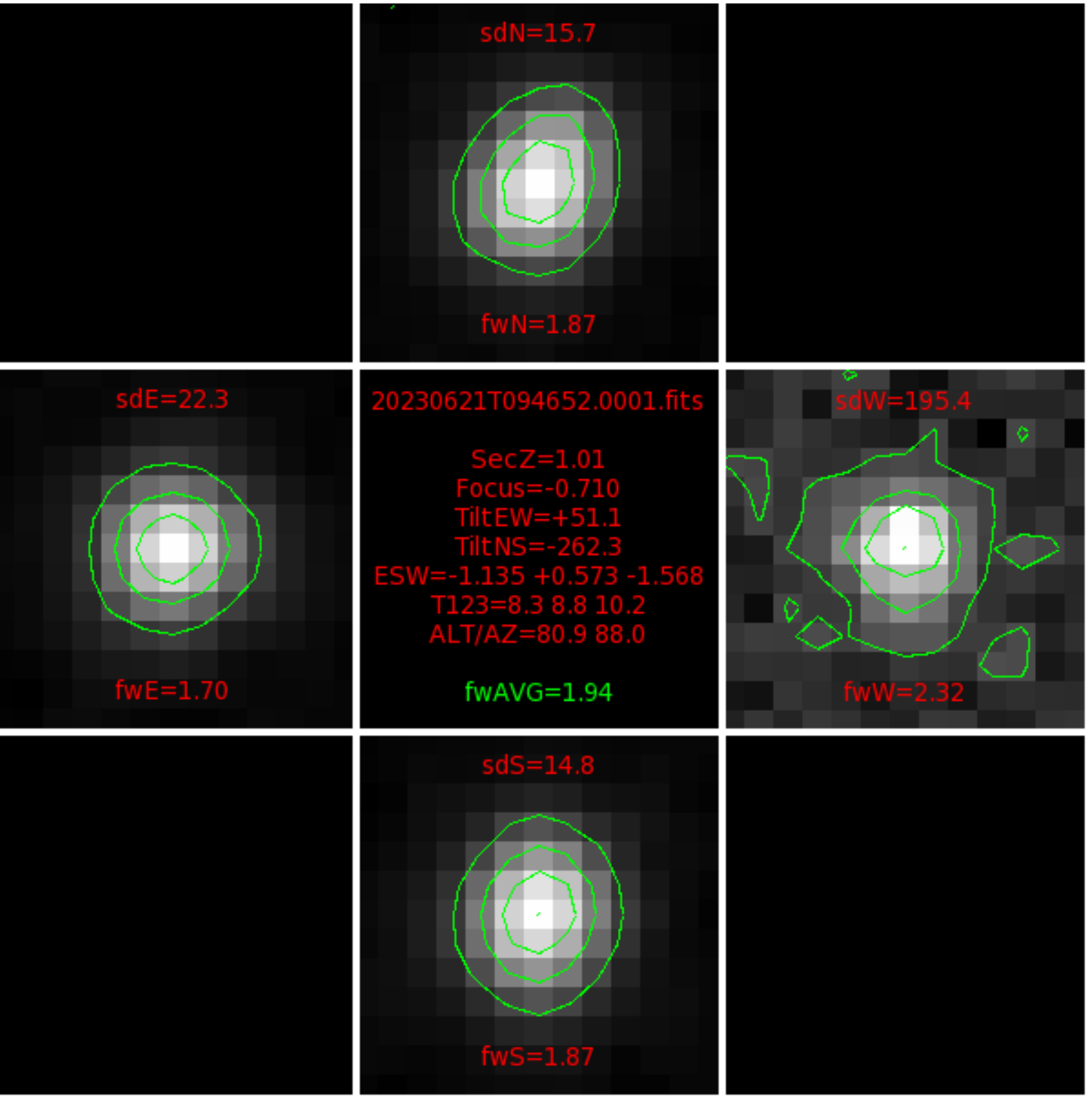
sdN=15.7
fwN=1.87
sdE=22.3
fwE=1.70
20230621T094652.0001.fits
SecZ=1.01
Focus=-0.710
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.135 +0.573 -1.568
T123=8.3 8.8 10.2
ALT/AZ=80.9 88.0
fwAVG=1.94
sdW=195.4
fwW=2.32
sdS=14.8
fwS=1.87
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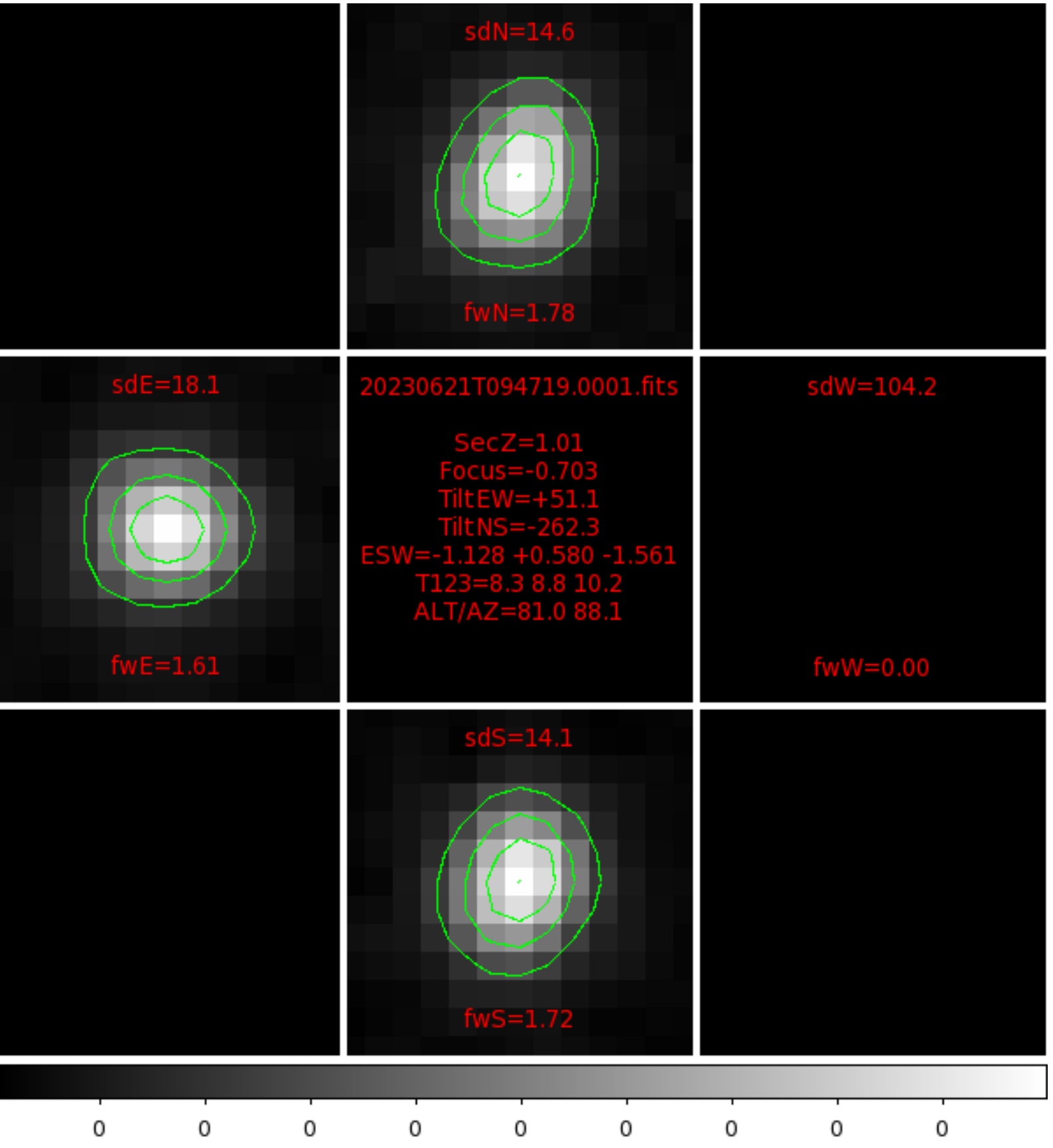
sdN=14.6
fwN=1.78
sdE=18.1
fwE=1.61
20230621T094719.0001.fits
SecZ=1.01
Focus=-0.703
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.128 +0.580 -1.561
T123=8.3 8.8 10.2
ALT/AZ=81.0 88.1
sdW=104.2
fwW=0.00
sdS=14.1
fwS=1.72
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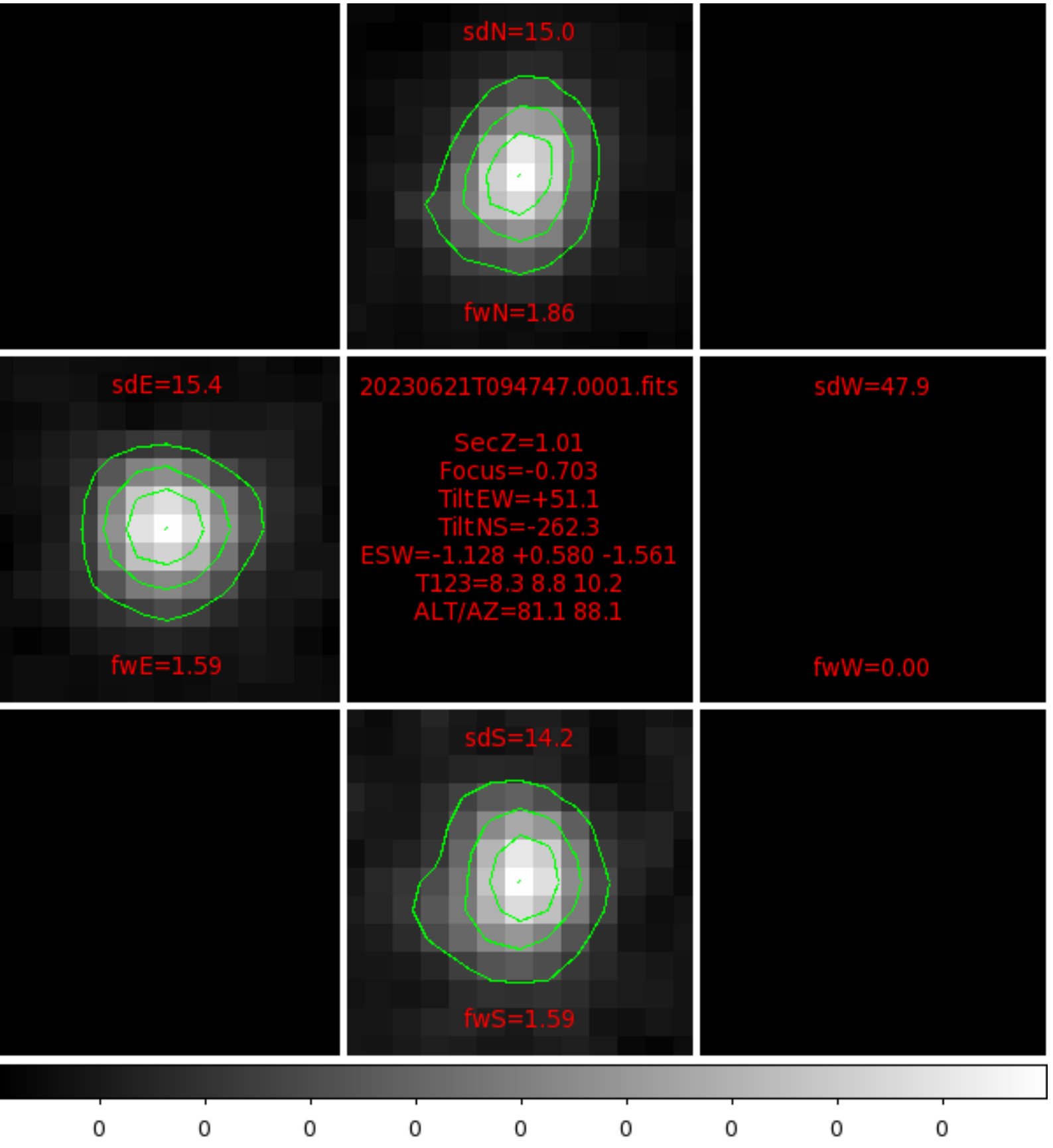
sdN=15.0
fwN=1.86
sdE=15.4
fwE=1.59
20230621T094747.0001.fits
SecZ=1.01
Focus=-0.703
TiltEW=+51.1
TiltNS=-262.3
ESW=-1.128 +0.580 -1.561
T123=8.3 8.8 10.2
ALT/AZ=81.1 88.1
sdW=47.9
fwW=0.00
sdS=14.2
fwS=1.59
0 0 0 0 0 0 0 0 0