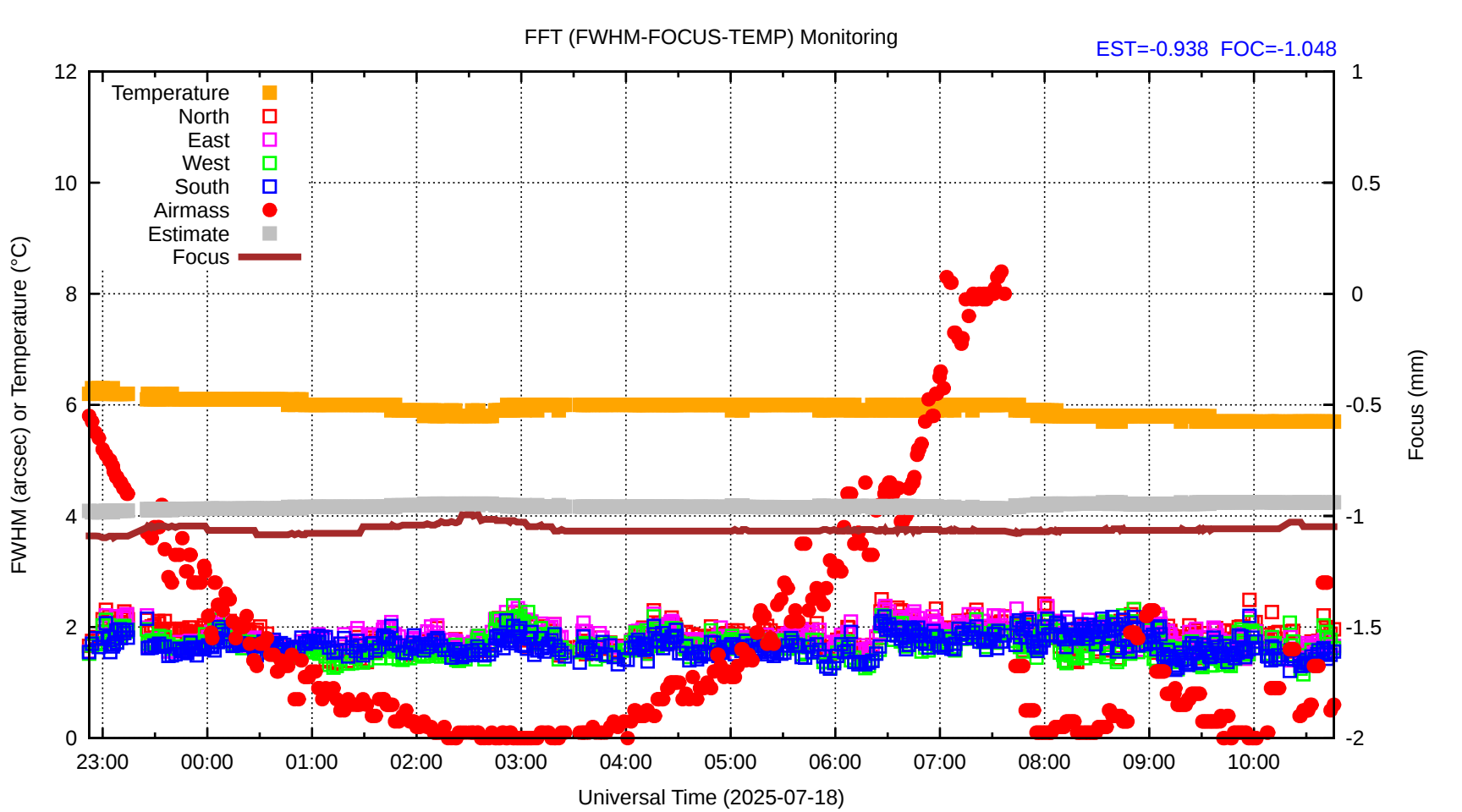
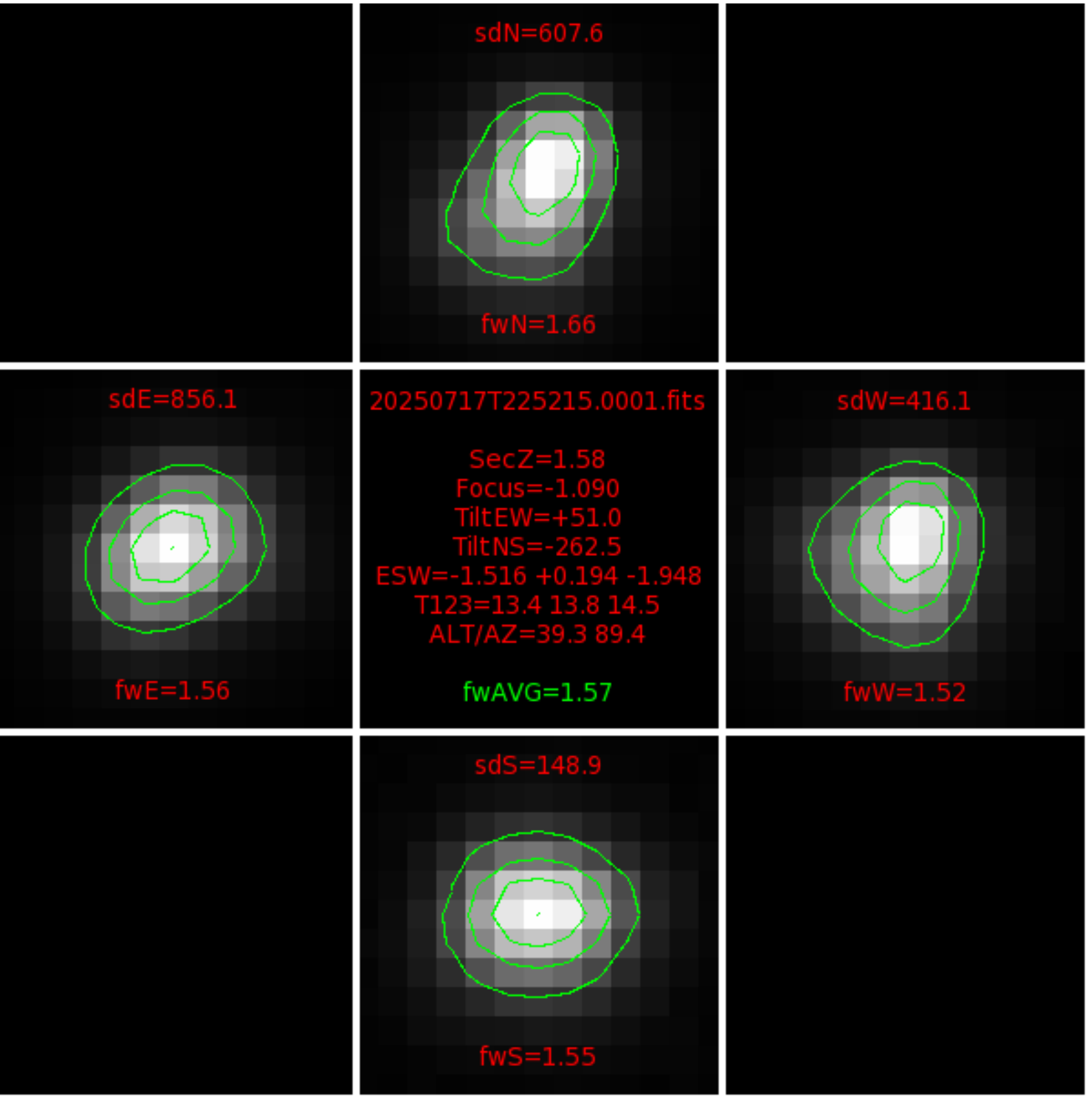

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-0.938 FOC=-1.048
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2025-07-18)
0
2
4
6
8
10
12
-2
-1.5
-1
-0.5
0
0.5
1
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00


sdN=607.6
fwN=1.66
sdE=856.1
fwE=1.56
20250717T225215.0001.fits
SecZ=1.58
Focus=-1.090
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.516 +0.194 -1.948
T123=13.4 13.8 14.5
ALT/AZ=39.3 89.4
fwAVG=1.57
sdW=416.1
fwW=1.52
sdS=148.9
fwS=1.55
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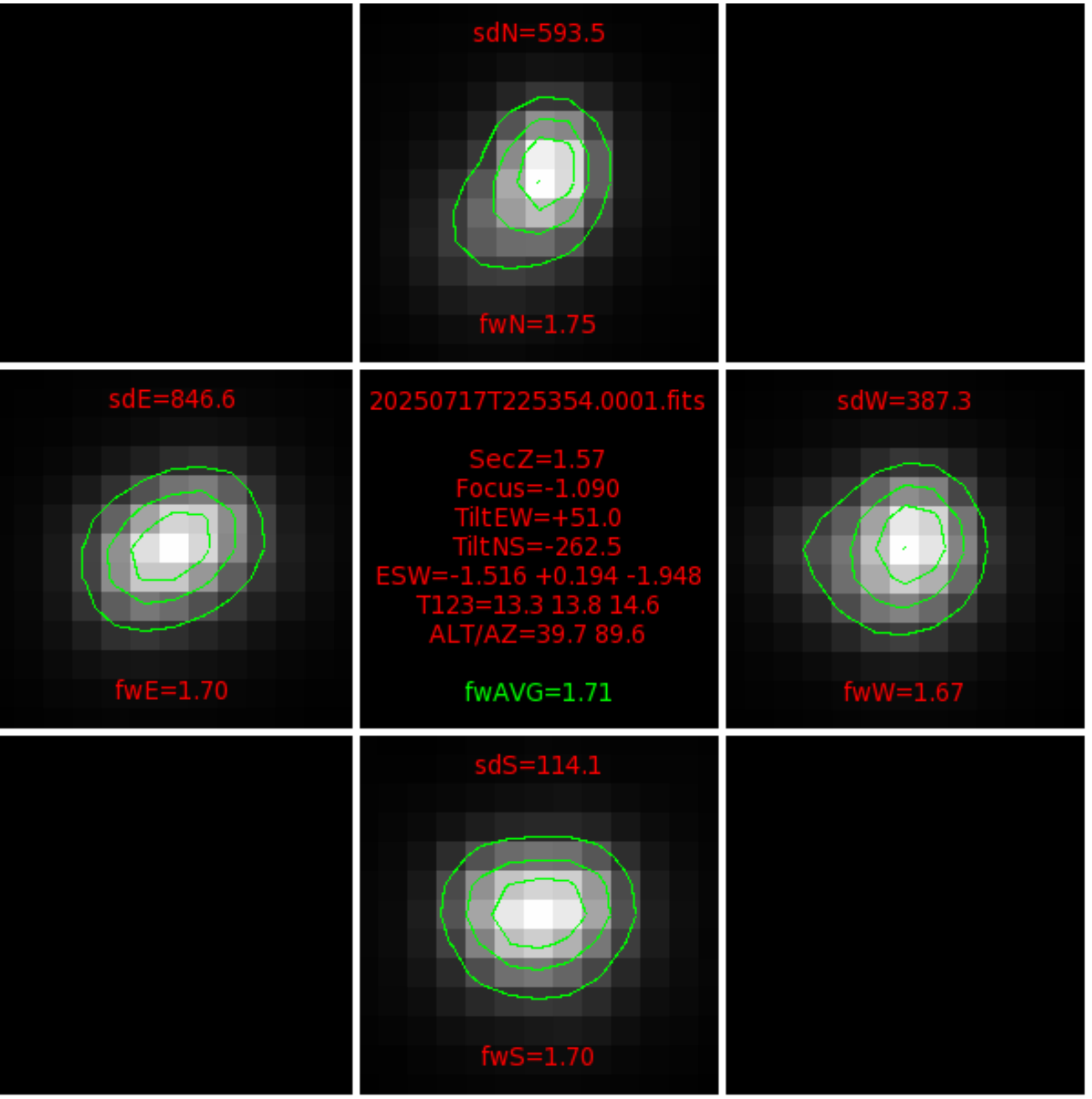
sdN=593.5
fwN=1.75
sdE=846.6
fwE=1.70
20250717T225354.0001.fits
SecZ=1.57
Focus=-1.090
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.516 +0.194 -1.948
T123=13.3 13.8 14.6
ALT/AZ=39.7 89.6
fwAVG=1.71
sdW=387.3
fwW=1.67
sdS=114.1
fwS=1.70
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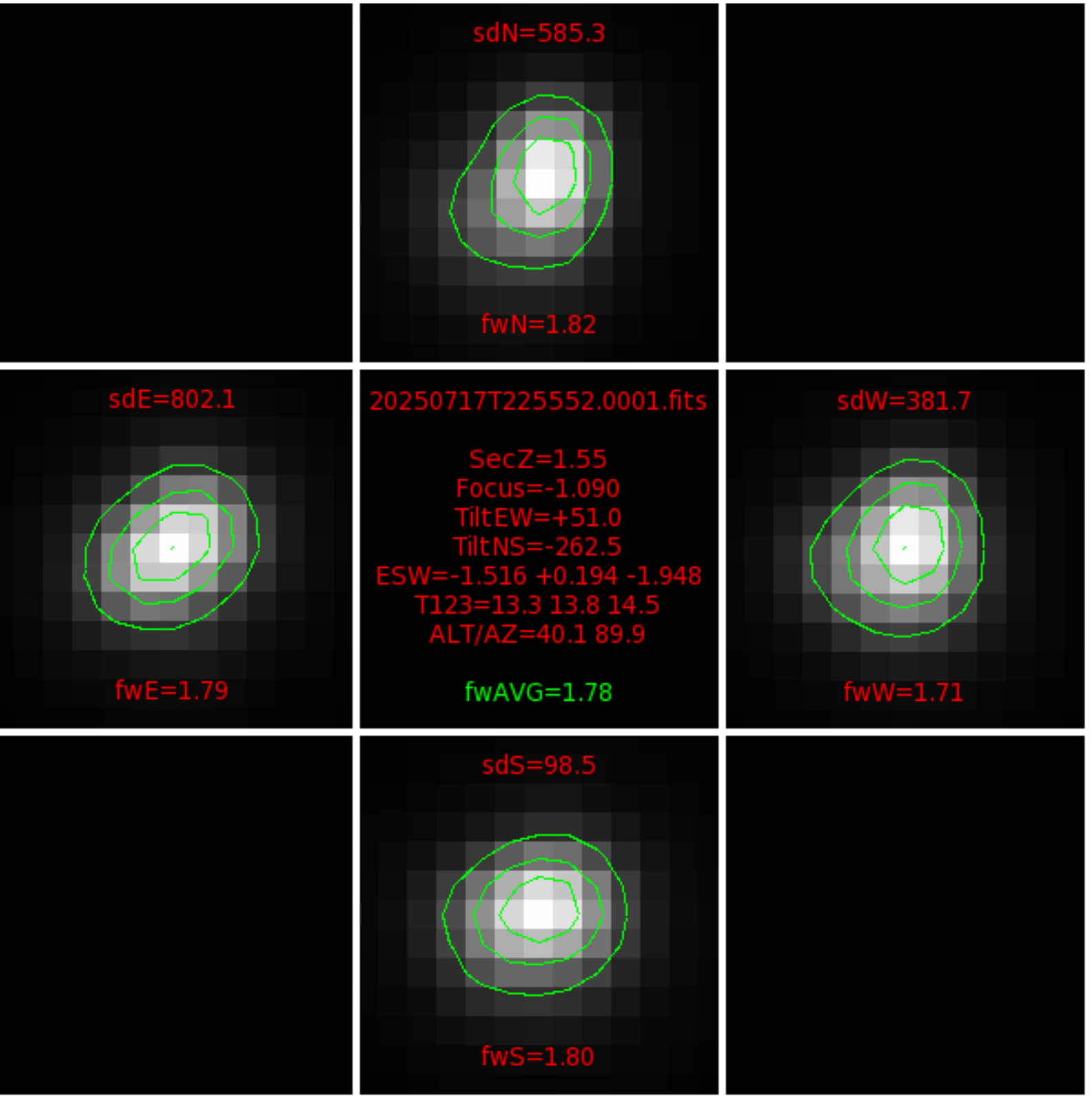
sdN=585.3
fwN=1.82
sdE=802.1
fwE=1.79
20250717T225552.0001.fits
SecZ=1.55
Focus=-1.090
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.516 +0.194 -1.948
T123=13.3 13.8 14.5
ALT/AZ=40.1 89.9
fwAVG=1.78
sdW=381.7
fwW=1.71
sdS=98.5
fwS=1.80
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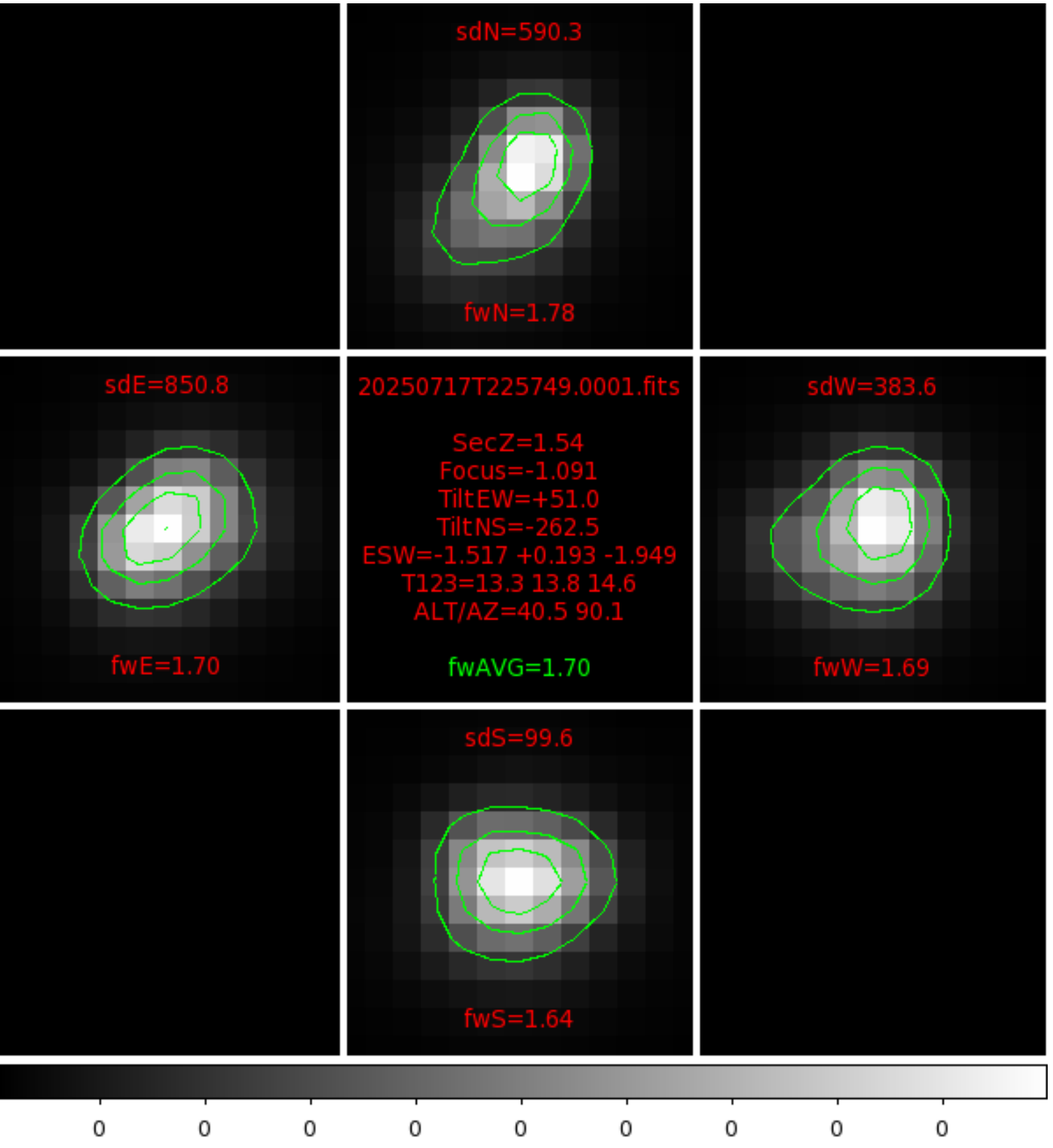
sdN=590.3
fwN=1.78
sdE=850.8
fwE=1.70
20250717T225749.0001.fits
SecZ=1.54
Focus=-1.091
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.517 +0.193 -1.949
T123=13.3 13.8 14.6
ALT/AZ=40.5 90.1
fwAVG=1.70
sdW=383.6
fwW=1.69
sdS=99.6
fwS=1.64
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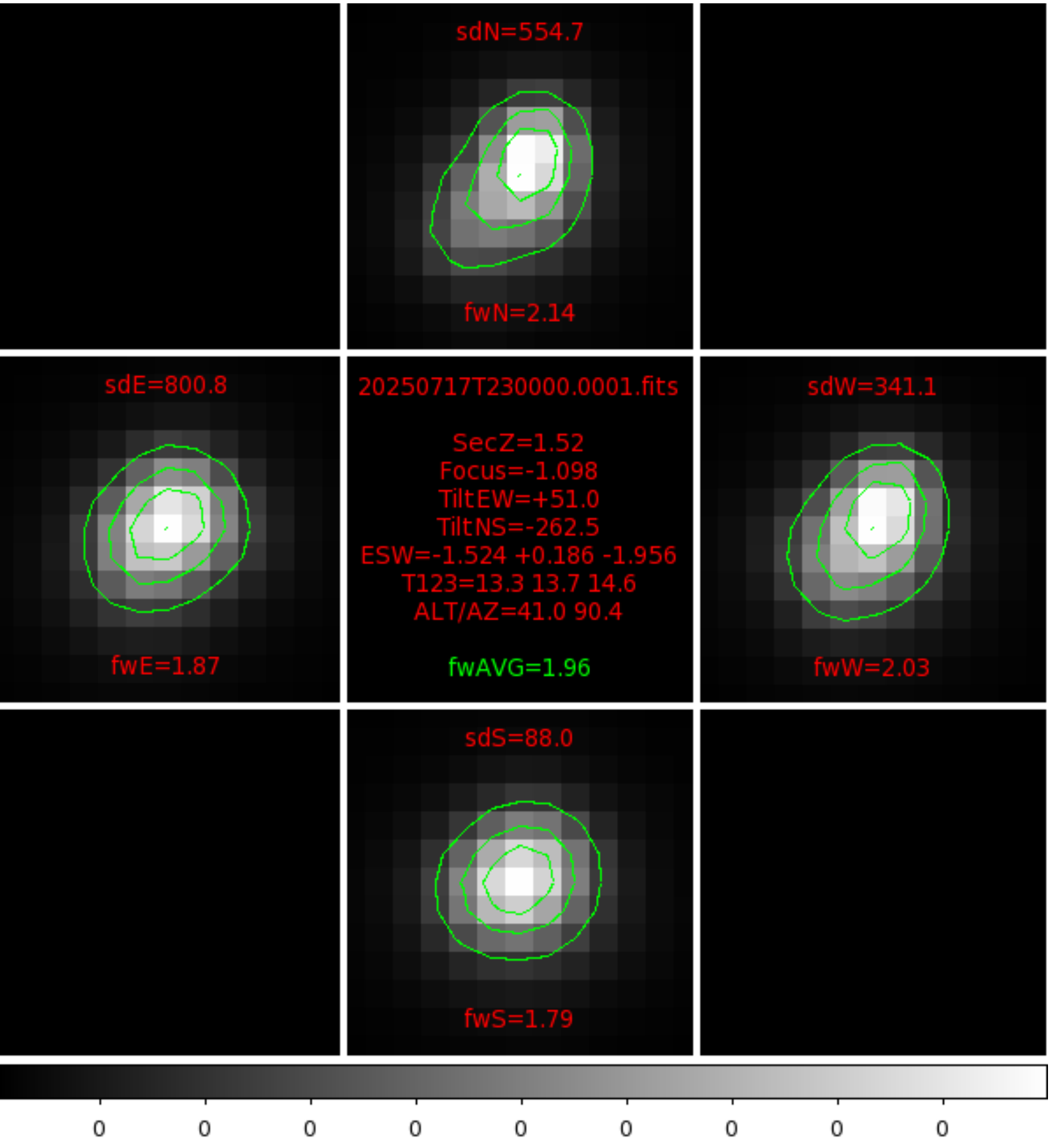
sdN=554.7
fwN=2.14
sdE=800.8
fwE=1.87
20250717T230000.0001.fits
SecZ=1.52
Focus=-1.098
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.524 +0.186 -1.956
T123=13.3 13.7 14.6
ALT/AZ=41.0 90.4
fwAVG=1.96
sdW=341.1
fwW=2.03
sdS=88.0
fwS=1.79
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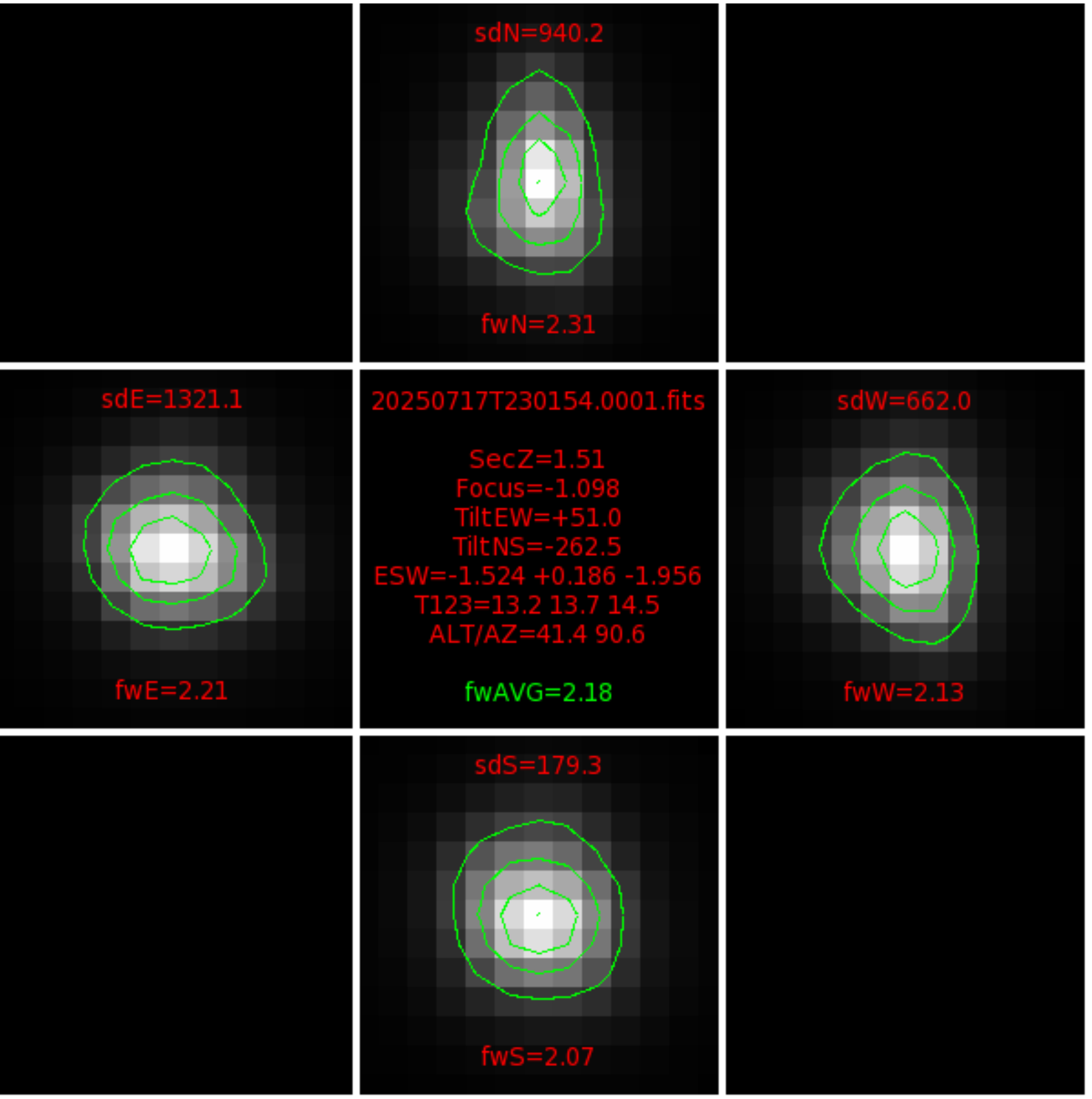
sdN=940.2
fwN=2.31
sdE=1321.1
fwE=2.21
20250717T230154.0001.fits
SecZ=1.51
Focus=-1.098
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.524 +0.186 -1.956
T123=13.2 13.7 14.5
ALT/AZ=41.4 90.6
fwAVG=2.18
sdW=662.0
fwW=2.13
sdS=179.3
fwS=2.07
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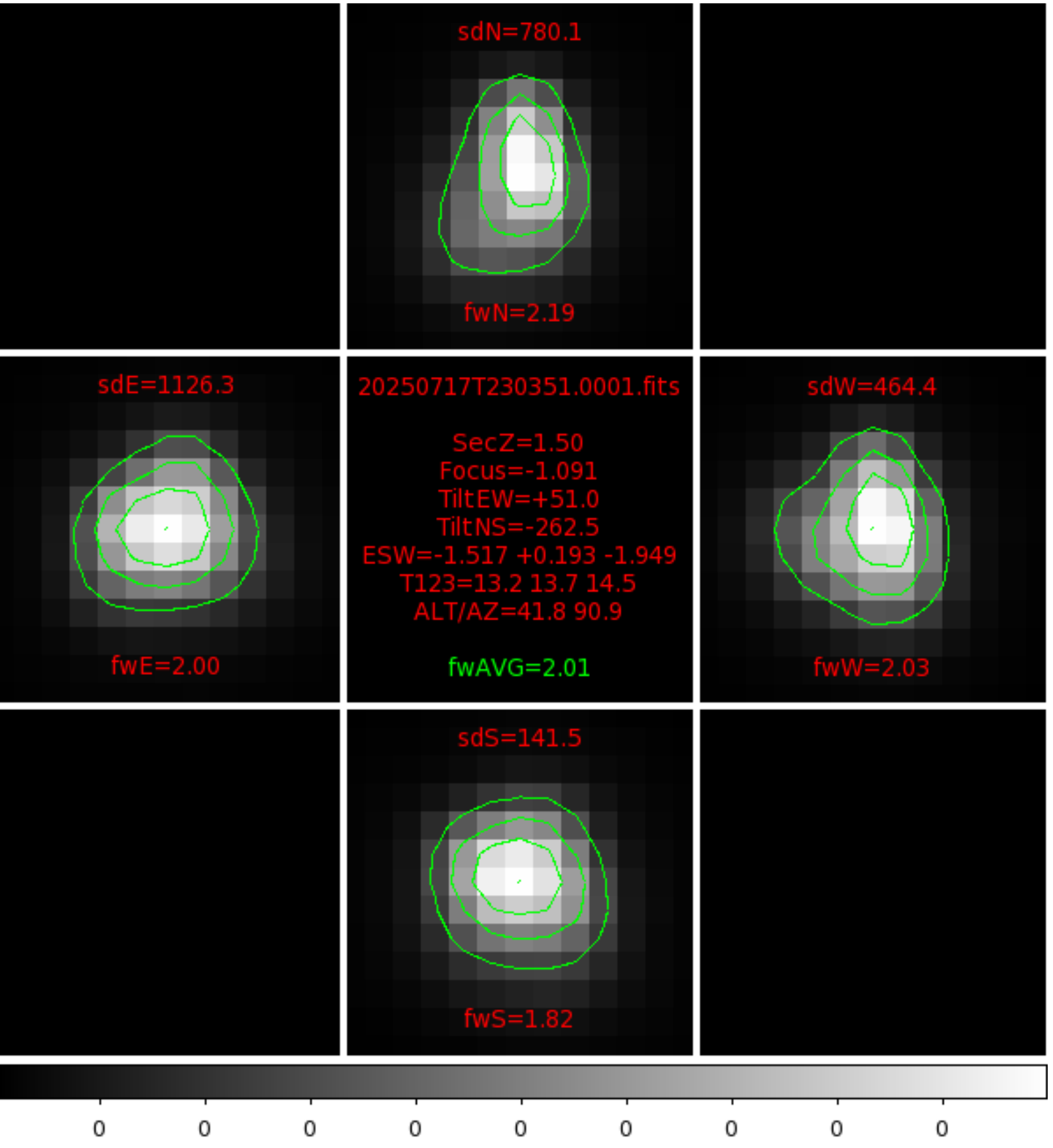
sdN=780.1
fwN=2.19
sdE=1126.3
fwE=2.00
20250717T230351.0001.fits
SecZ=1.50
Focus=-1.091
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.517 +0.193 -1.949
T123=13.2 13.7 14.5
ALT/AZ=41.8 90.9
fwAVG=2.01
sdW=464.4
fwW=2.03
sdS=141.5
fwS=1.82
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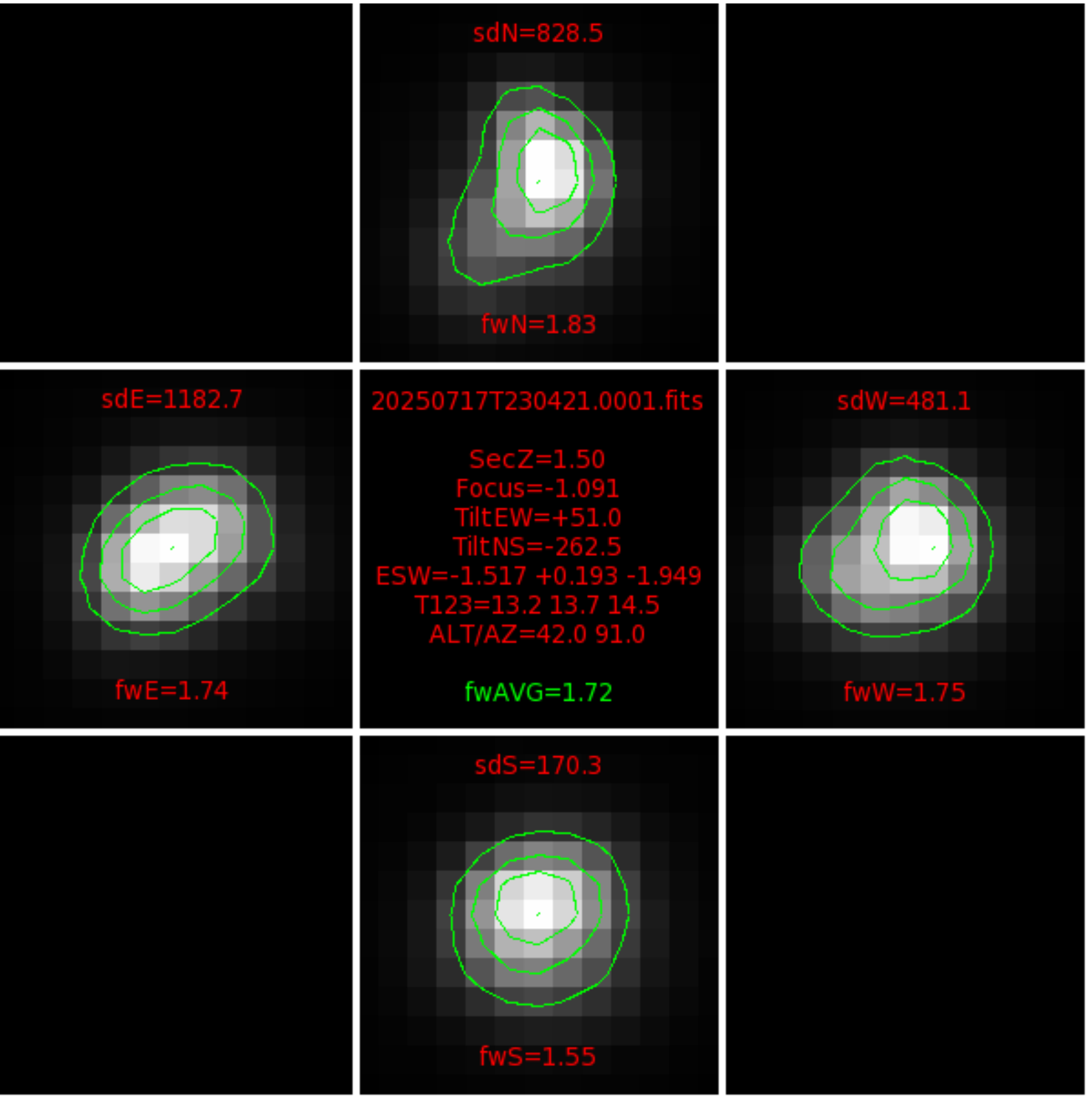
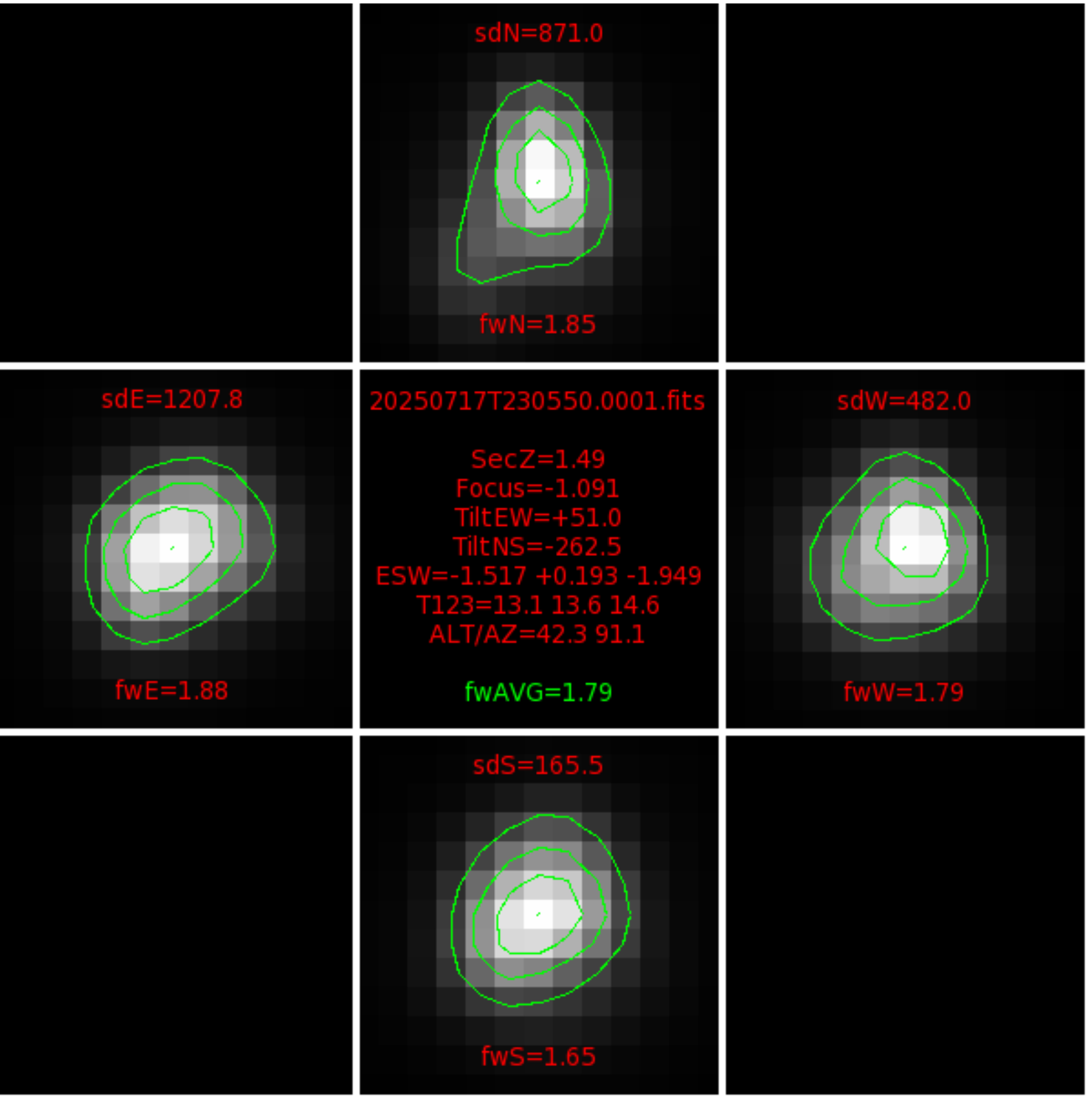
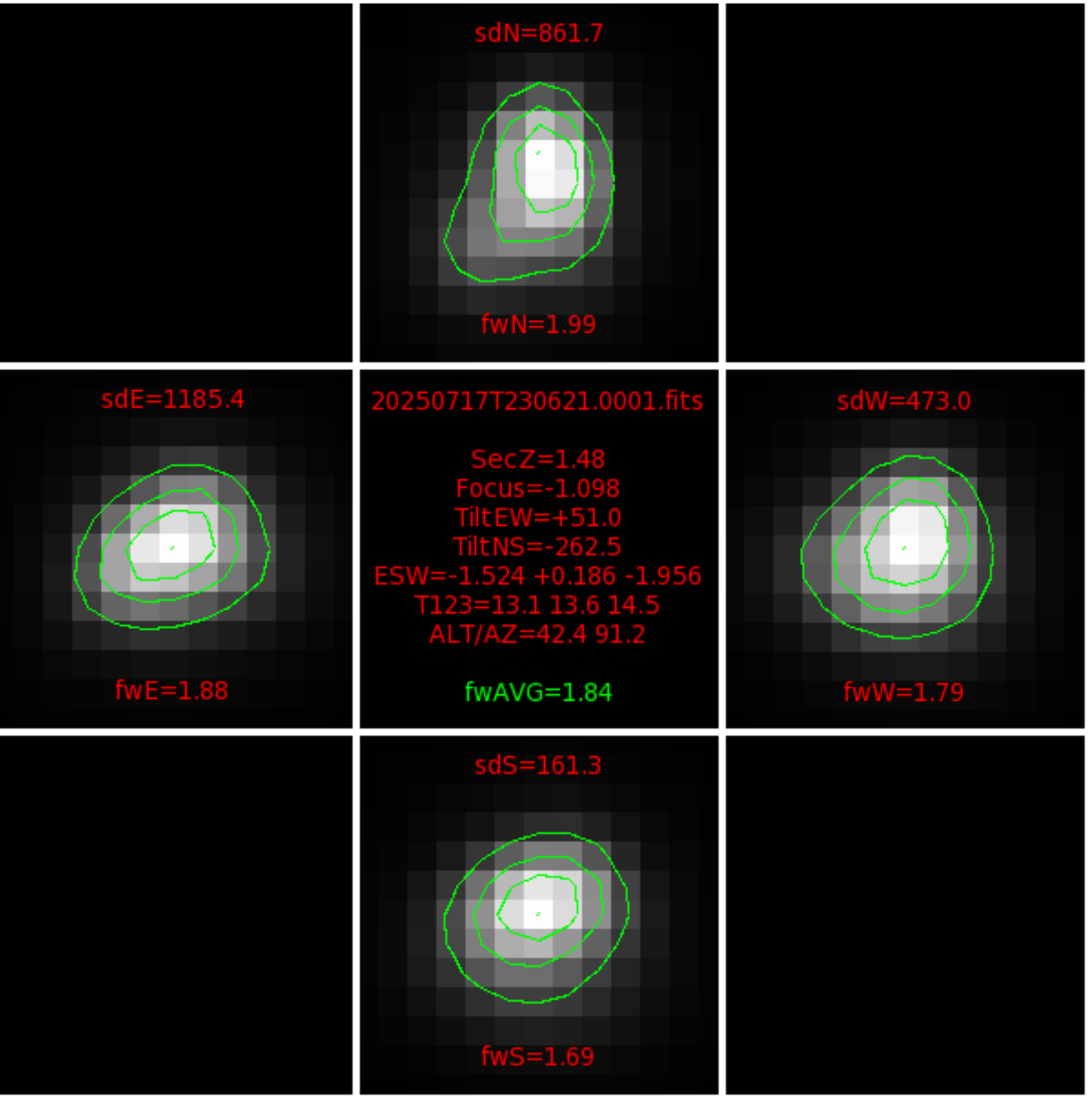

sdN=828.5
fwN=1.83
sdE=1182.7
fwE=1.74
20250717T230421.0001.fits
SecZ=1.50
Focus=-1.091
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.517 +0.193 -1.949
T123=13.2 13.7 14.5
ALT/AZ=42.0 91.0
fwAVG=1.72
sdW=481.1
fwW=1.75
sdS=170.3
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=871.0
fwN=1.85
sdE=1207.8
fwE=1.88
20250717T230550.0001.fits
SecZ=1.49
Focus=-1.091
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.517 +0.193 -1.949
T123=13.1 13.6 14.6
ALT/AZ=42.3 91.1
fwAVG=1.79
sdW=482.0
fwW=1.79
sdS=165.5
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=861.7
fwN=1.99
sdE=1185.4
fwE=1.88
20250717T230621.0001.fits
SecZ=1.48
Focus=-1.098
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.524 +0.186 -1.956
T123=13.1 13.6 14.5
ALT/AZ=42.4 91.2
fwAVG=1.84
sdW=473.0
fwW=1.79
sdS=161.3
fwS=1.69
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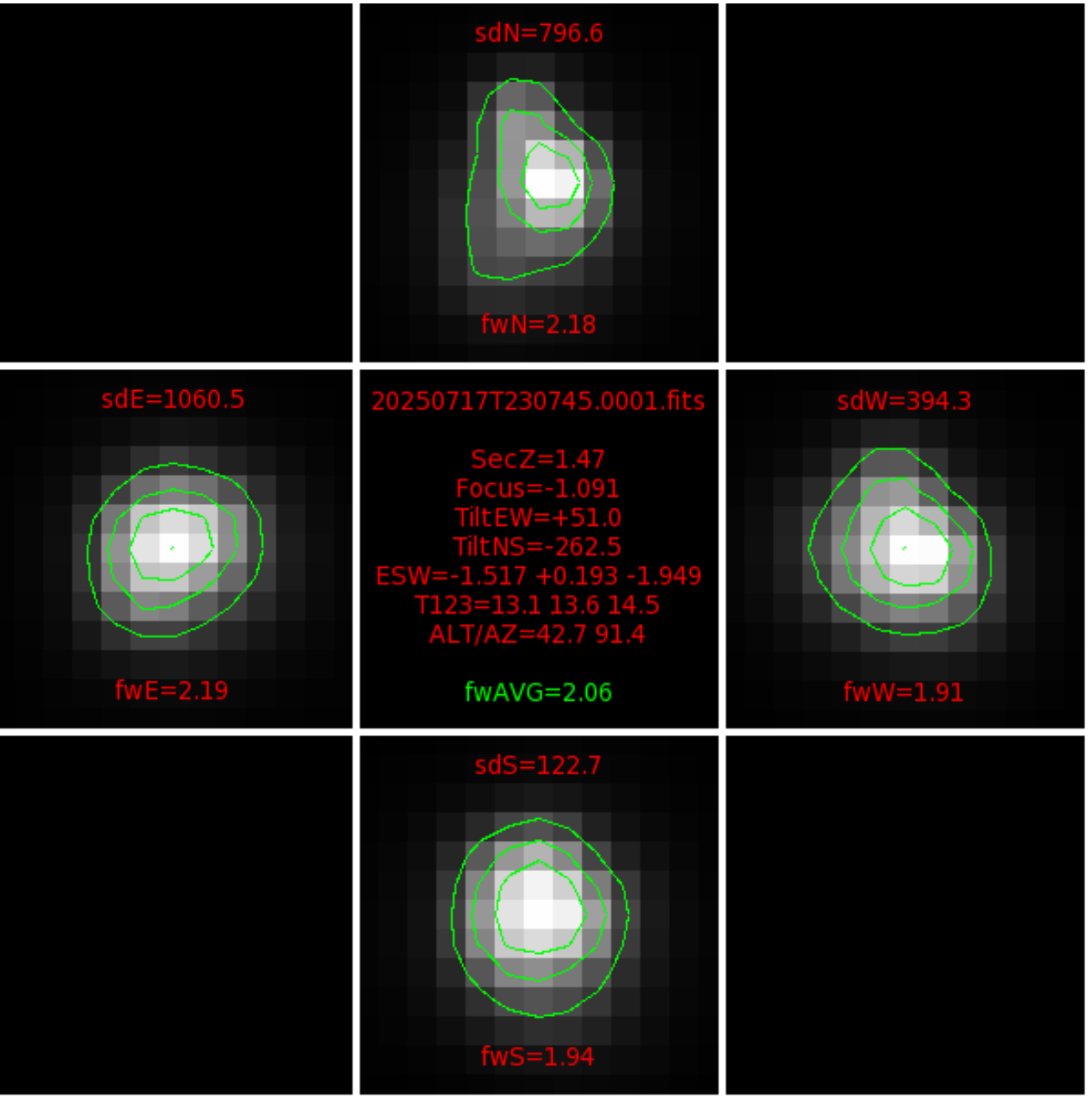
sdN=796.6
fwN=2.18
sdE=1060.5
fwE=2.19
20250717T230745.0001.fits
SecZ=1.47
Focus=-1.091
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.517 +0.193 -1.949
T123=13.1 13.6 14.5
ALT/AZ=42.7 91.4
fwAVG=2.06
sdW=394.3
fwW=1.91
sdS=122.7
fwS=1.94
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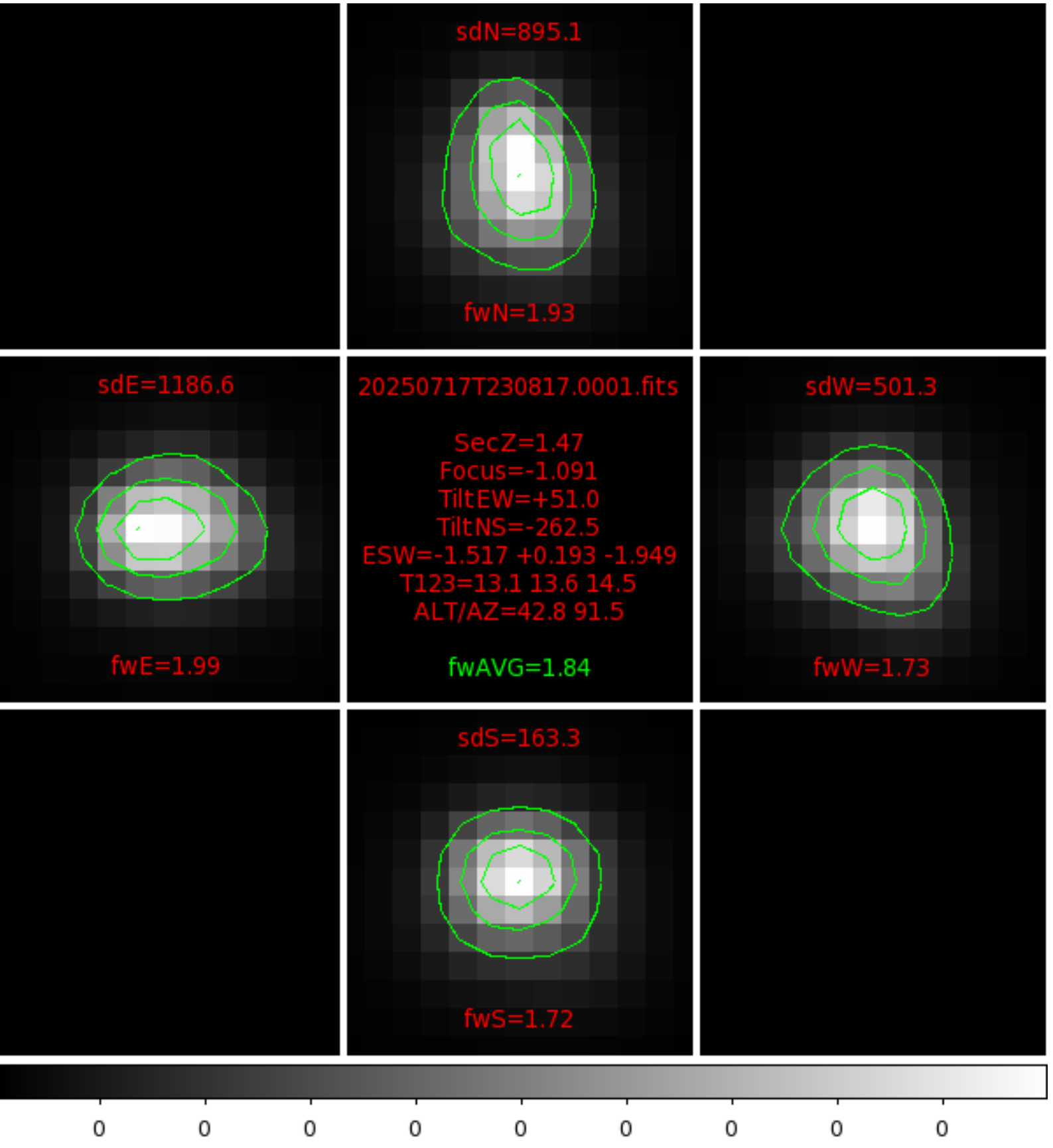
sdN=895.1
fwN=1.93
sdE=1186.6
fwE=1.99
20250717T230817.0001.fits
SecZ=1.47
Focus=-1.091
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.517 +0.193 -1.949
T123=13.1 13.6 14.5
ALT/AZ=42.8 91.5
fwAVG=1.84
sdW=501.3
fwW=1.73
sdS=163.3
fwS=1.72
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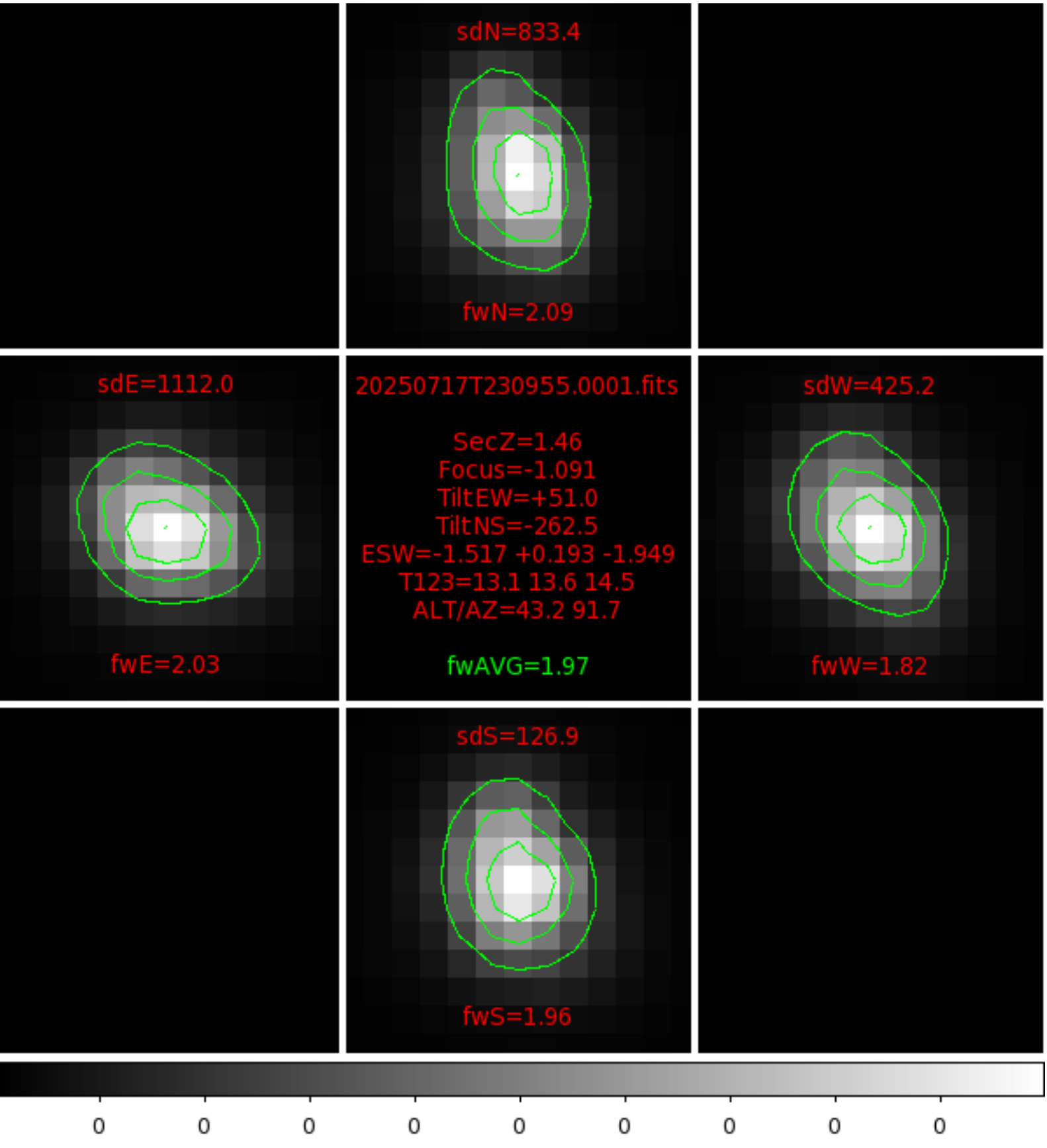
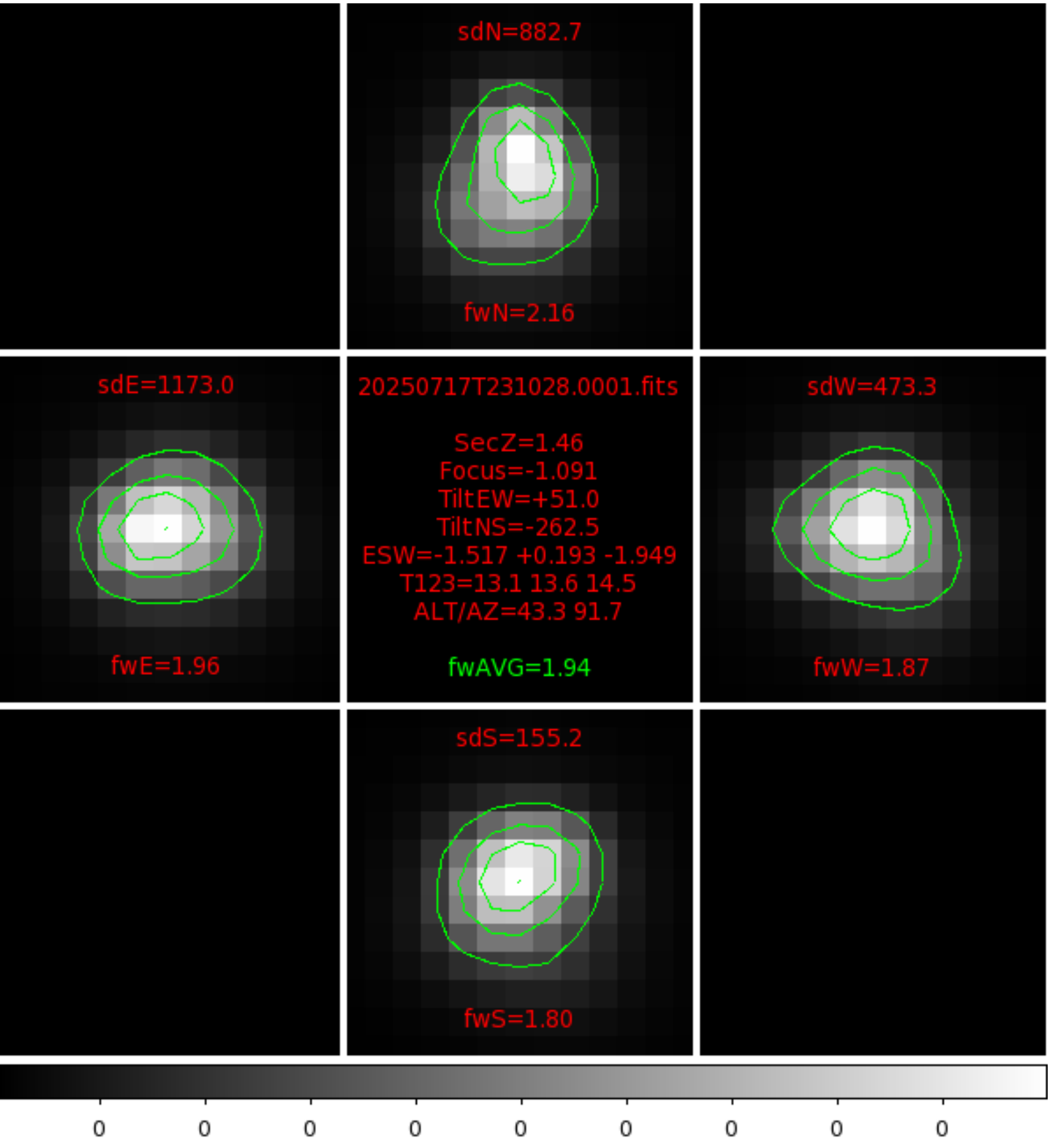
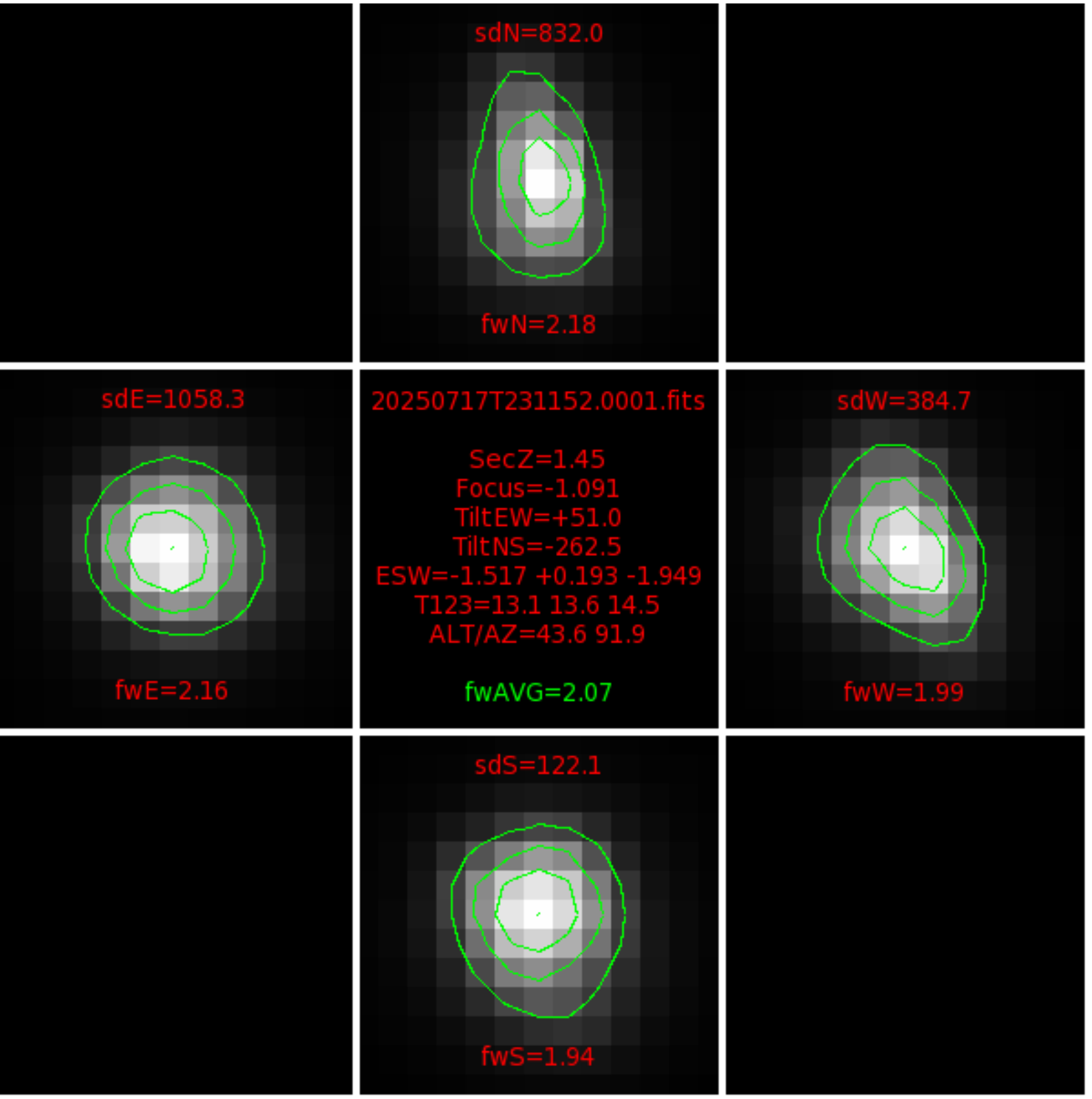

sdN=833.4
fwN=2.09
sdE=1112.0
fwE=2.03
20250717T230955.0001.fits
SecZ=1.46
Focus=-1.091
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.517 +0.193 -1.949
T123=13.1 13.6 14.5
ALT/AZ=43.2 91.7
fwAVG=1.97
sdW=425.2
fwW=1.82
sdS=126.9
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=882.7
fwN=2.16
sdE=1173.0
fwE=1.96
20250717T231028.0001.fits
SecZ=1.46
Focus=-1.091
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.517 +0.193 -1.949
T123=13.1 13.6 14.5
ALT/AZ=43.3 91.7
fwAVG=1.94
sdW=473.3
fwW=1.87
sdS=155.2
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=832.0
fwN=2.18
sdE=1058.3
fwE=2.16
20250717T231152.0001.fits
SecZ=1.45
Focus=-1.091
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.517 +0.193 -1.949
T123=13.1 13.6 14.5
ALT/AZ=43.6 91.9
fwAVG=2.07
sdW=384.7
fwW=1.99
sdS=122.1
fwS=1.94
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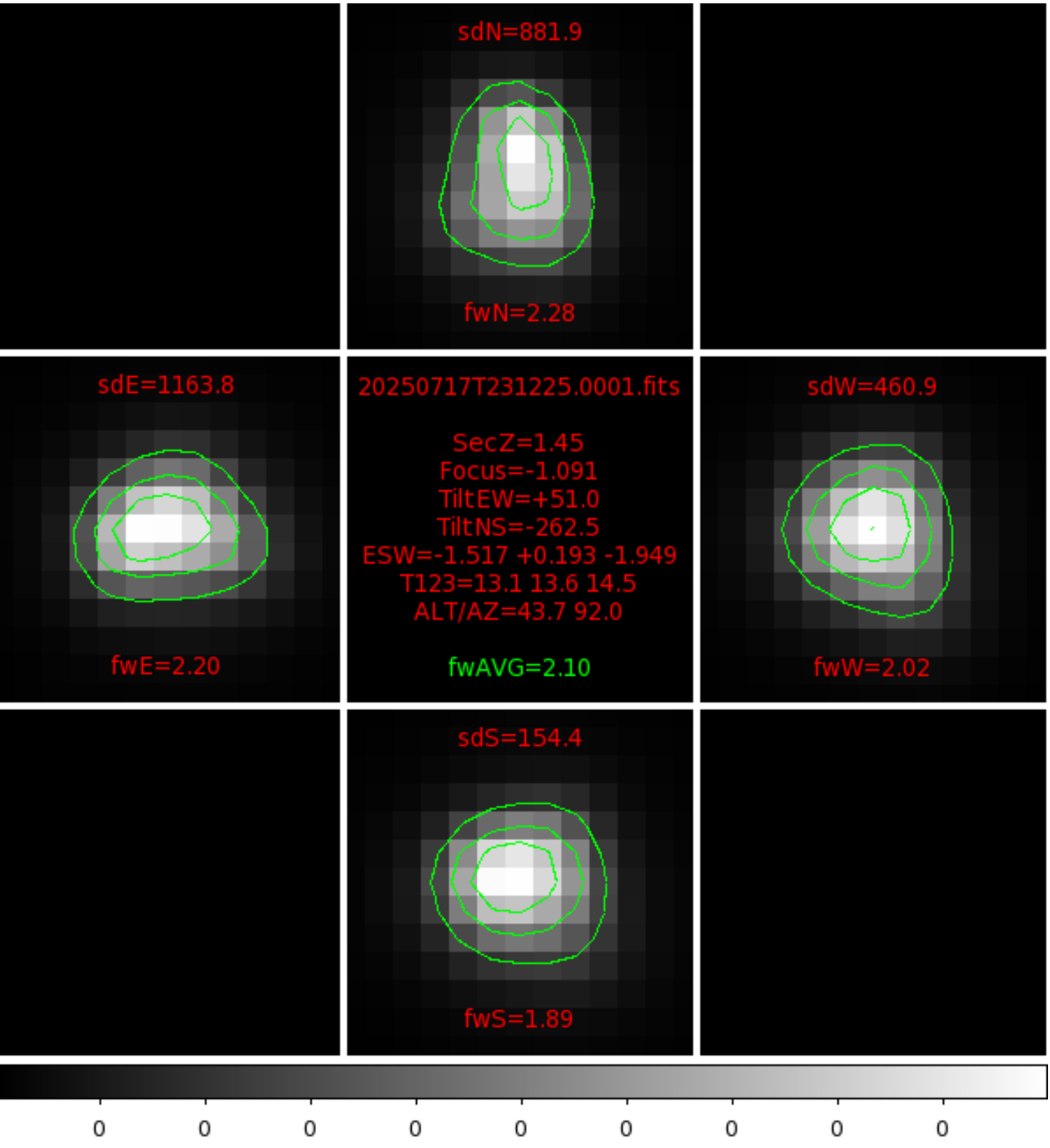
sdN=881.9
fwN=2.28
sdE=1163.8
fwE=2.20
20250717T231225.0001.fits
SecZ=1.45
Focus=-1.091
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.517 +0.193 -1.949
T123=13.1 13.6 14.5
ALT/AZ=43.7 92.0
fwAVG=2.10
sdW=460.9
fwW=2.02
sdS=154.4
fwS=1.89
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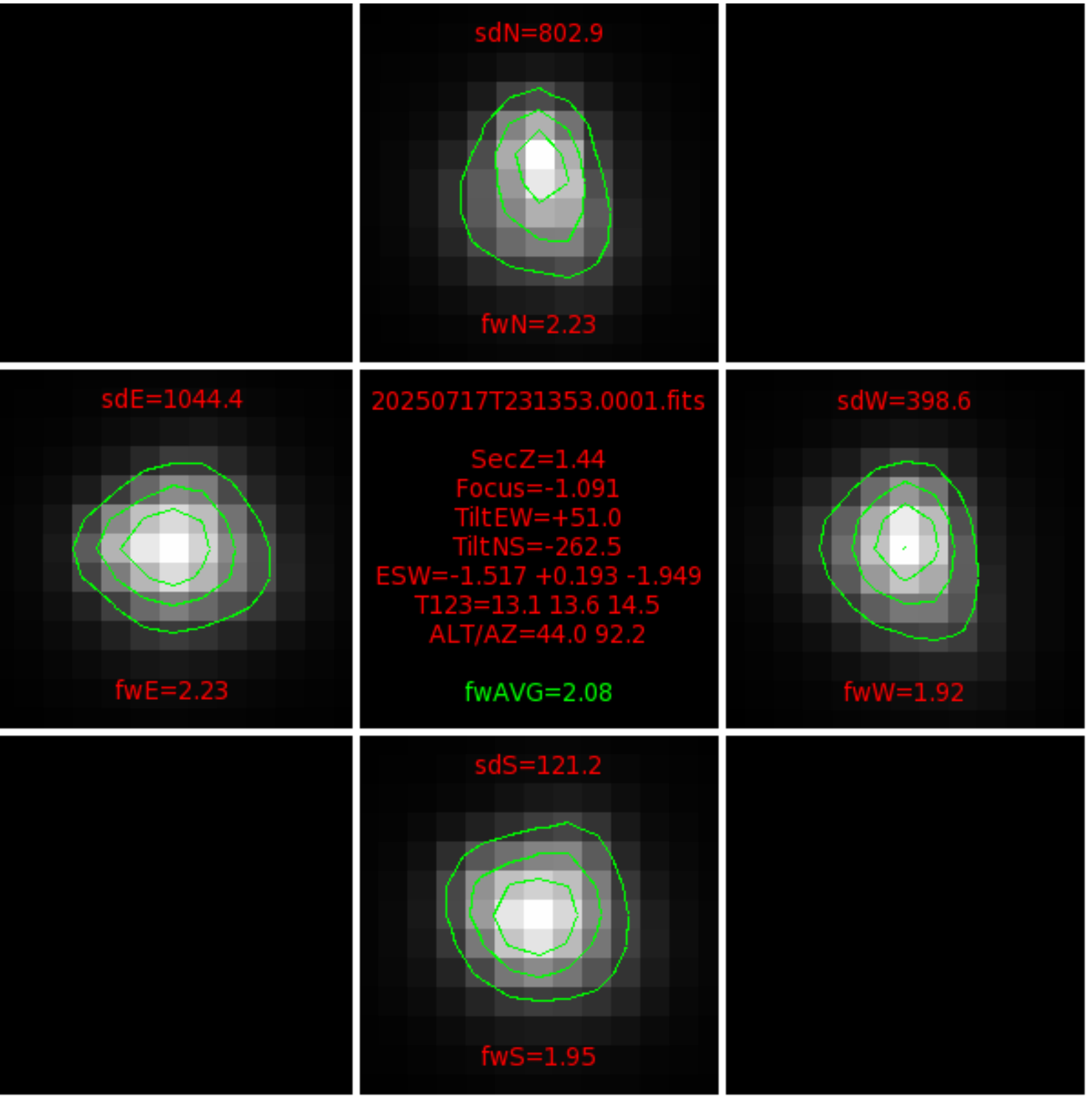
sdN=802.9
fwN=2.23
sdE=1044.4
fwE=2.23
20250717T231353.0001.fits
SecZ=1.44
Focus=-1.091
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.517 +0.193 -1.949
T123=13.1 13.6 14.5
ALT/AZ=44.0 92.2
fwAVG=2.08
sdW=398.6
fwW=1.92
sdS=121.2
fwS=1.95
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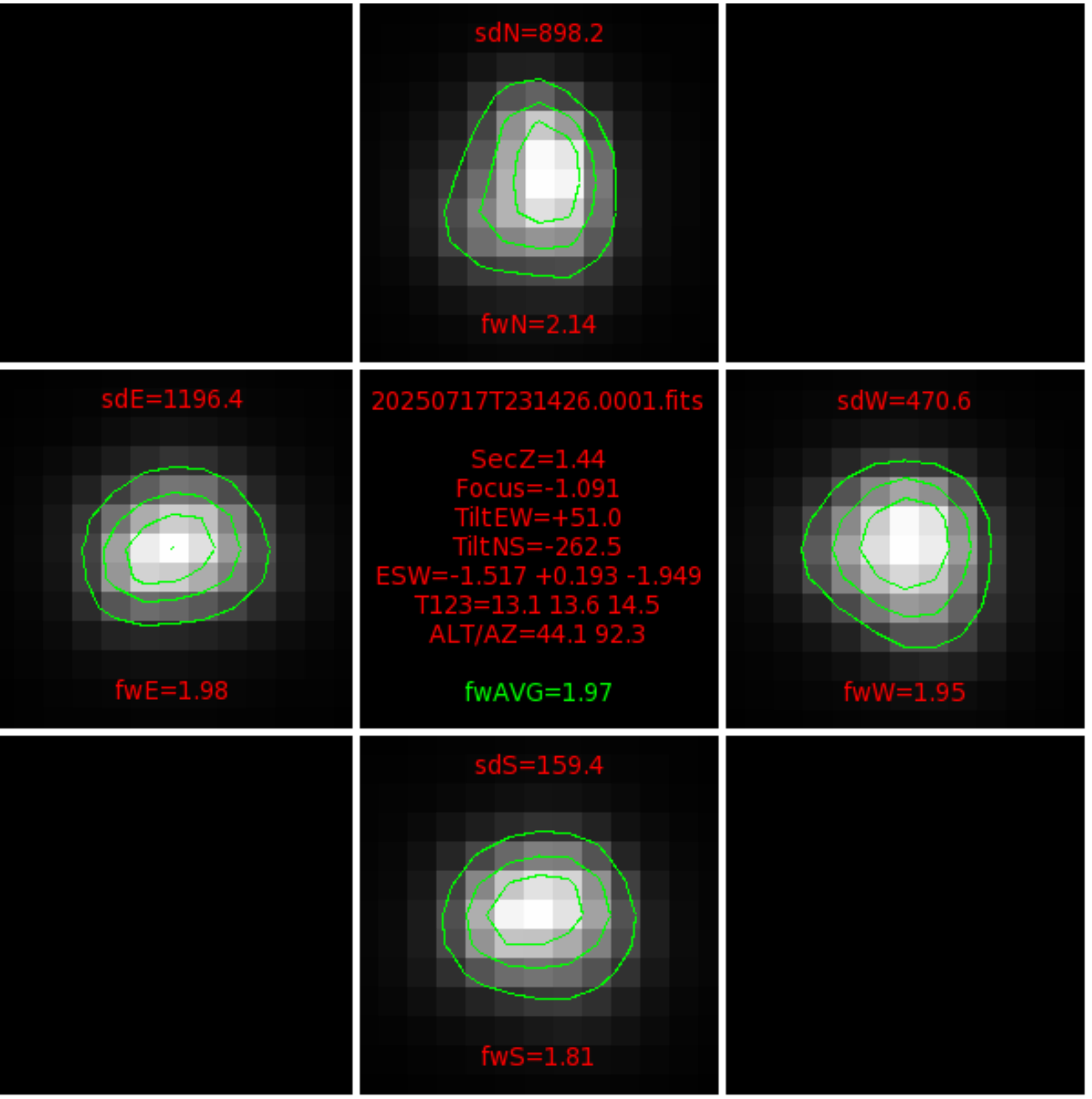
sdN=898.2
fwN=2.14
sdE=1196.4
fwE=1.98
20250717T231426.0001.fits
SecZ=1.44
Focus=-1.091
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.517 +0.193 -1.949
T123=13.1 13.6 14.5
ALT/AZ=44.1 92.3
fwAVG=1.97
sdW=470.6
fwW=1.95
sdS=159.4
fwS=1.81
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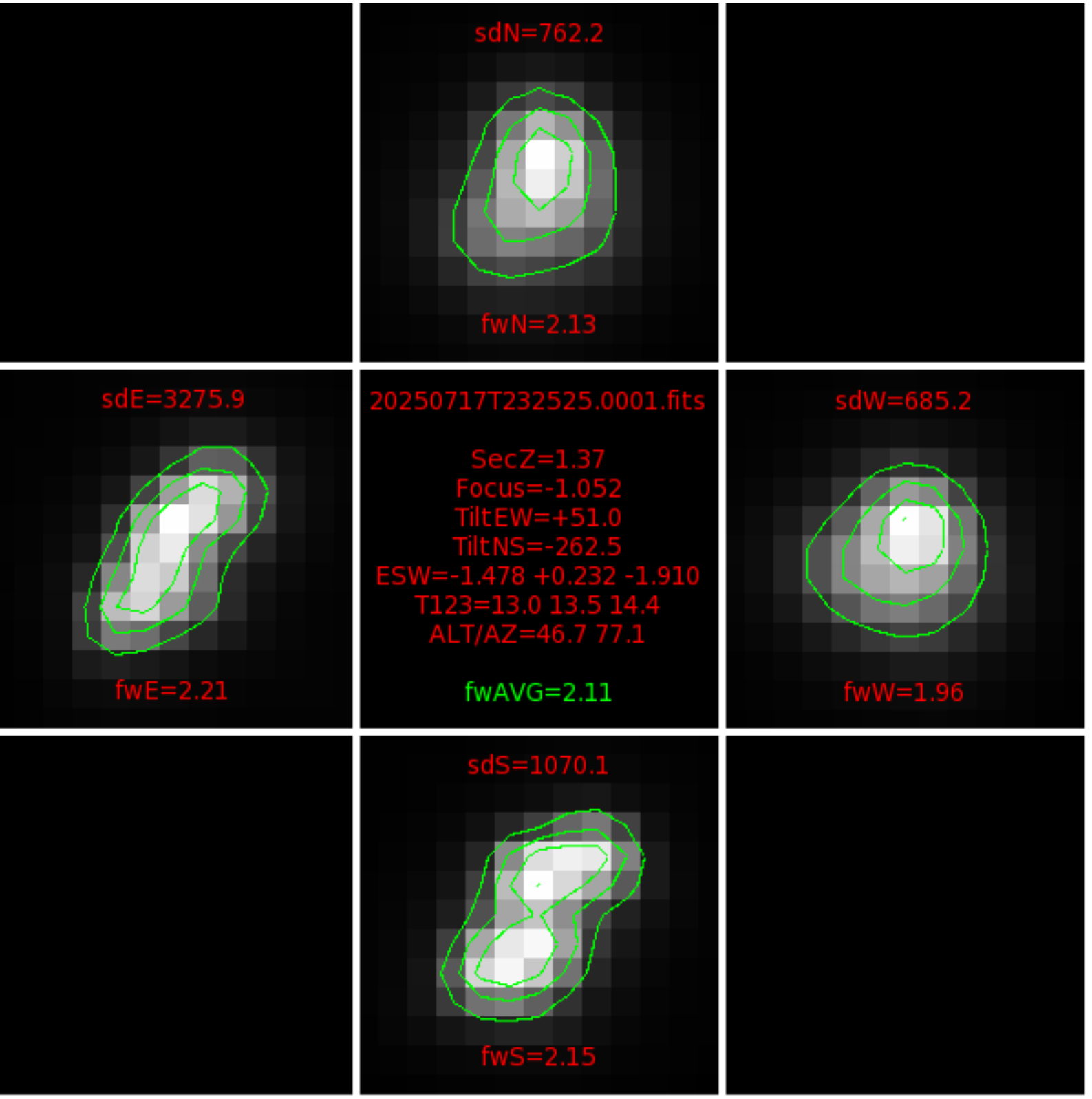
sdN=762.2
fwN=2.13
sdE=3275.9
fwE=2.21
20250717T232525.0001.fits
SecZ=1.37
Focus=-1.052
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.478 +0.232 -1.910
T123=13.0 13.5 14.4
ALT/AZ=46.7 77.1
fwAVG=2.11
sdW=685.2
fwW=1.96
sdS=1070.1
fwS=2.15
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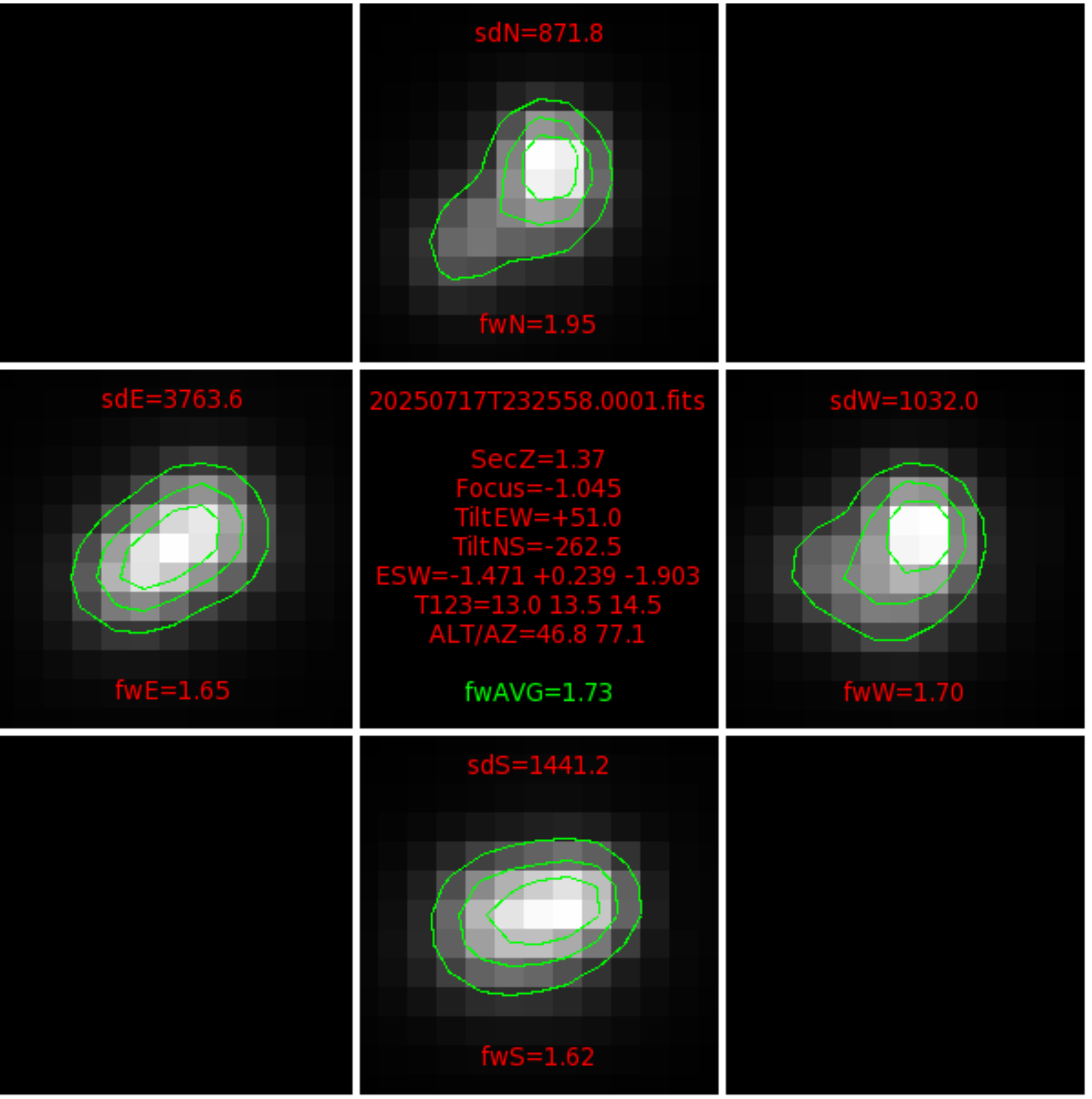
sdN=871.8
fwN=1.95
sdE=3763.6
fwE=1.65
20250717T232558.0001.fits
SecZ=1.37
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=13.0 13.5 14.5
ALT/AZ=46.8 77.1
fwAVG=1.73
sdW=1032.0
fwW=1.70
sdS=1441.2
fwS=1.62
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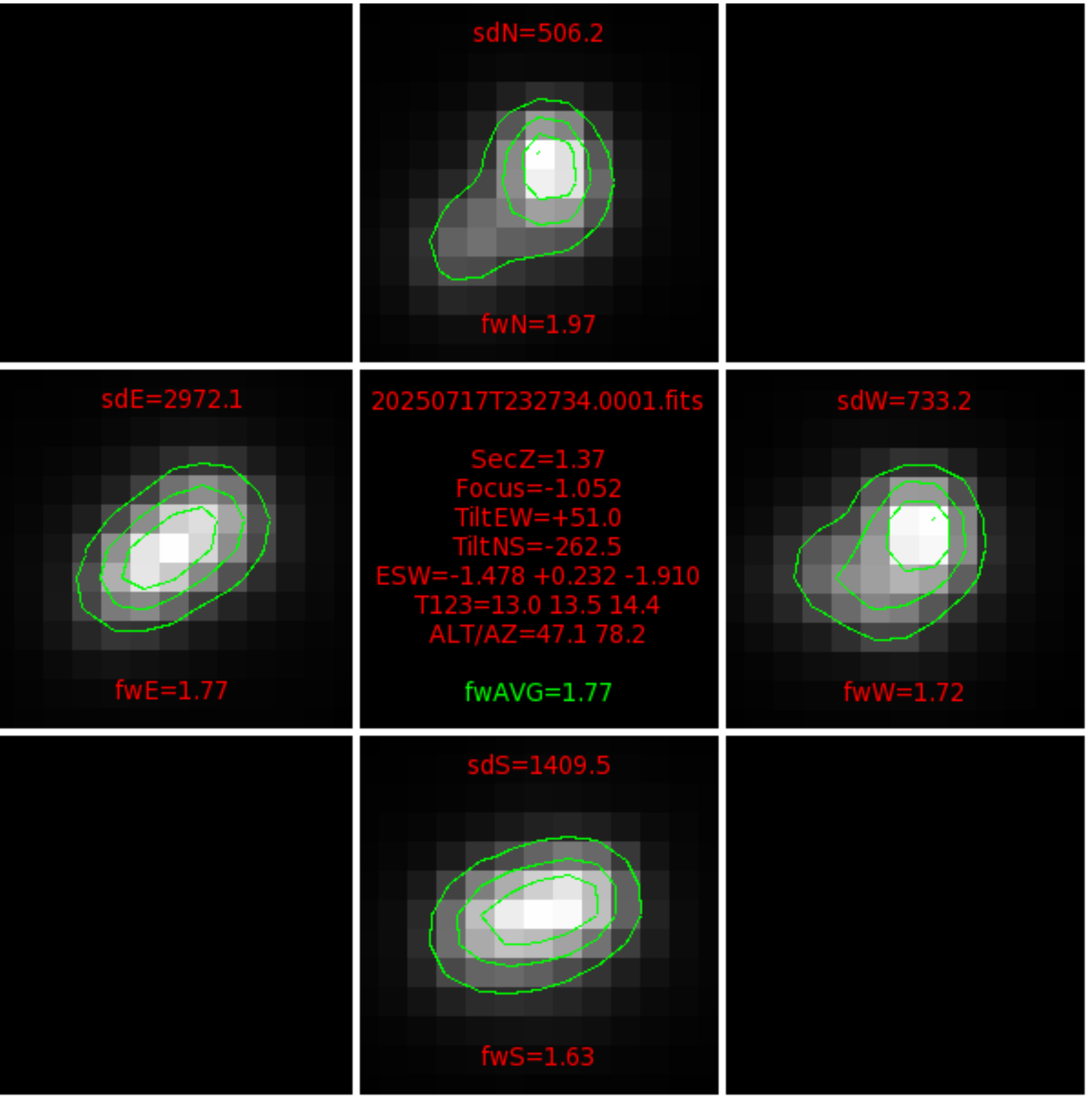
sdN=506.2
fwN=1.97
sdE=2972.1
fwE=1.77
20250717T232734.0001.fits
SecZ=1.37
Focus=-1.052
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.478 +0.232 -1.910
T123=13.0 13.5 14.4
ALT/AZ=47.1 78.2
fwAVG=1.77
sdW=733.2
fwW=1.72
sdS=1409.5
fwS=1.63
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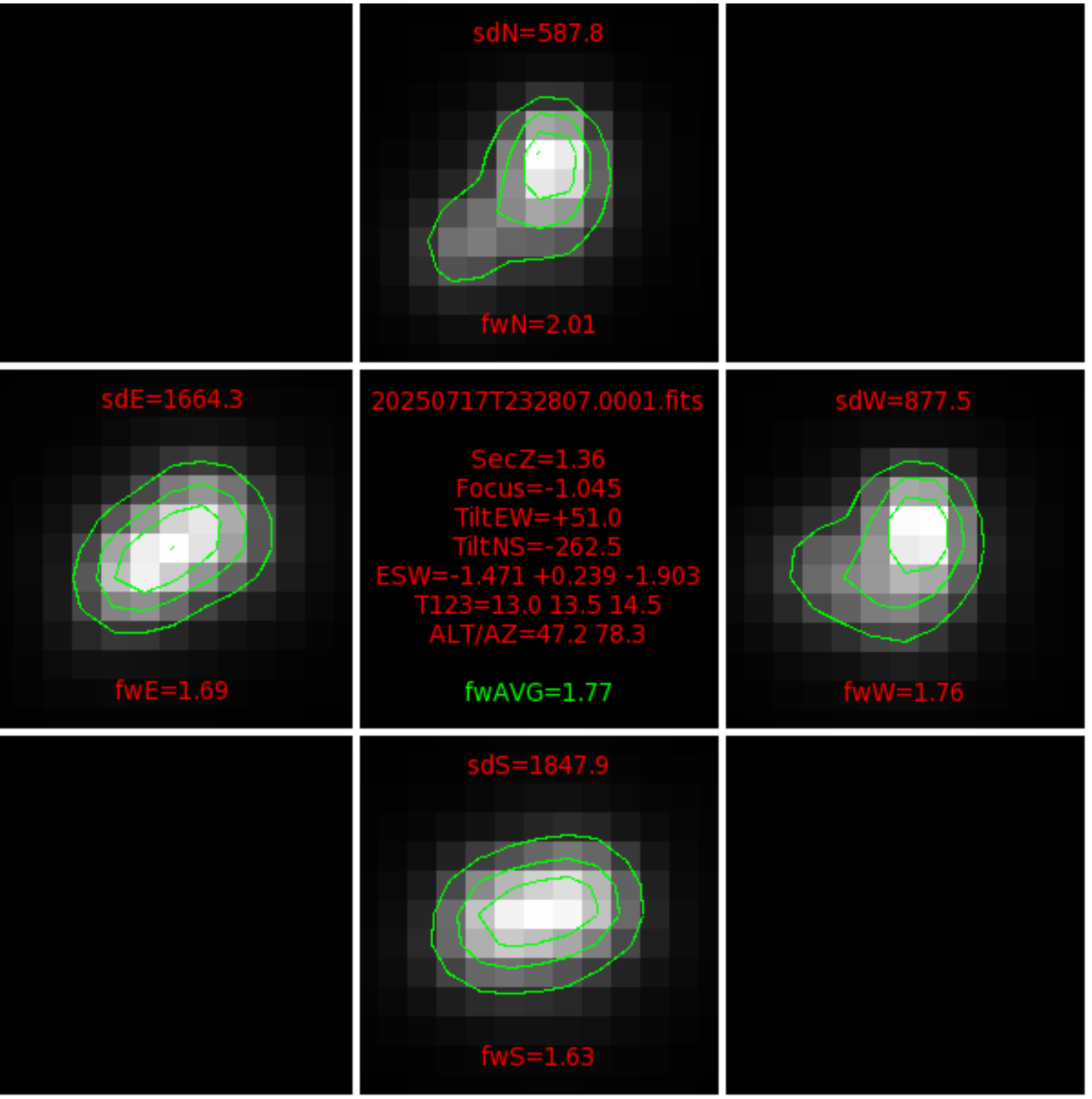
sdN=587.8
fwN=2.01
sdE=1664.3
fwE=1.69
20250717T232807.0001.fits
SecZ=1.36
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=13.0 13.5 14.5
ALT/AZ=47.2 78.3
fwAVG=1.77
sdW=877.5
fwW=1.76
sdS=1847.9
fwS=1.63
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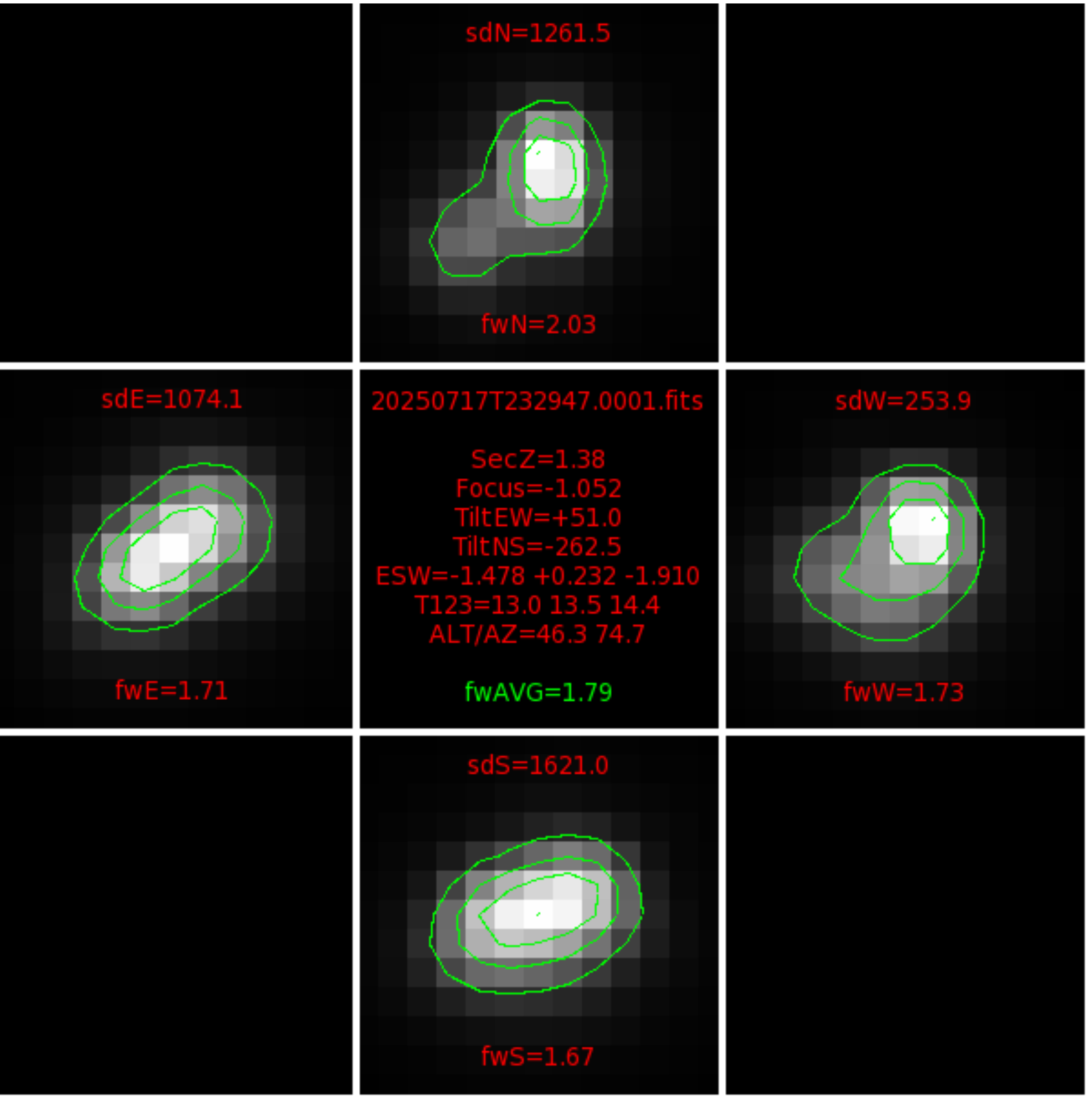
sdN=1261.5
fwN=2.03
sdE=1074.1
fwE=1.71
20250717T232947.0001.fits
SecZ=1.38
Focus=-1.052
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.478 +0.232 -1.910
T123=13.0 13.5 14.4
ALT/AZ=46.3 74.7
fwAVG=1.79
sdW=253.9
fwW=1.73
sdS=1621.0
fwS=1.67
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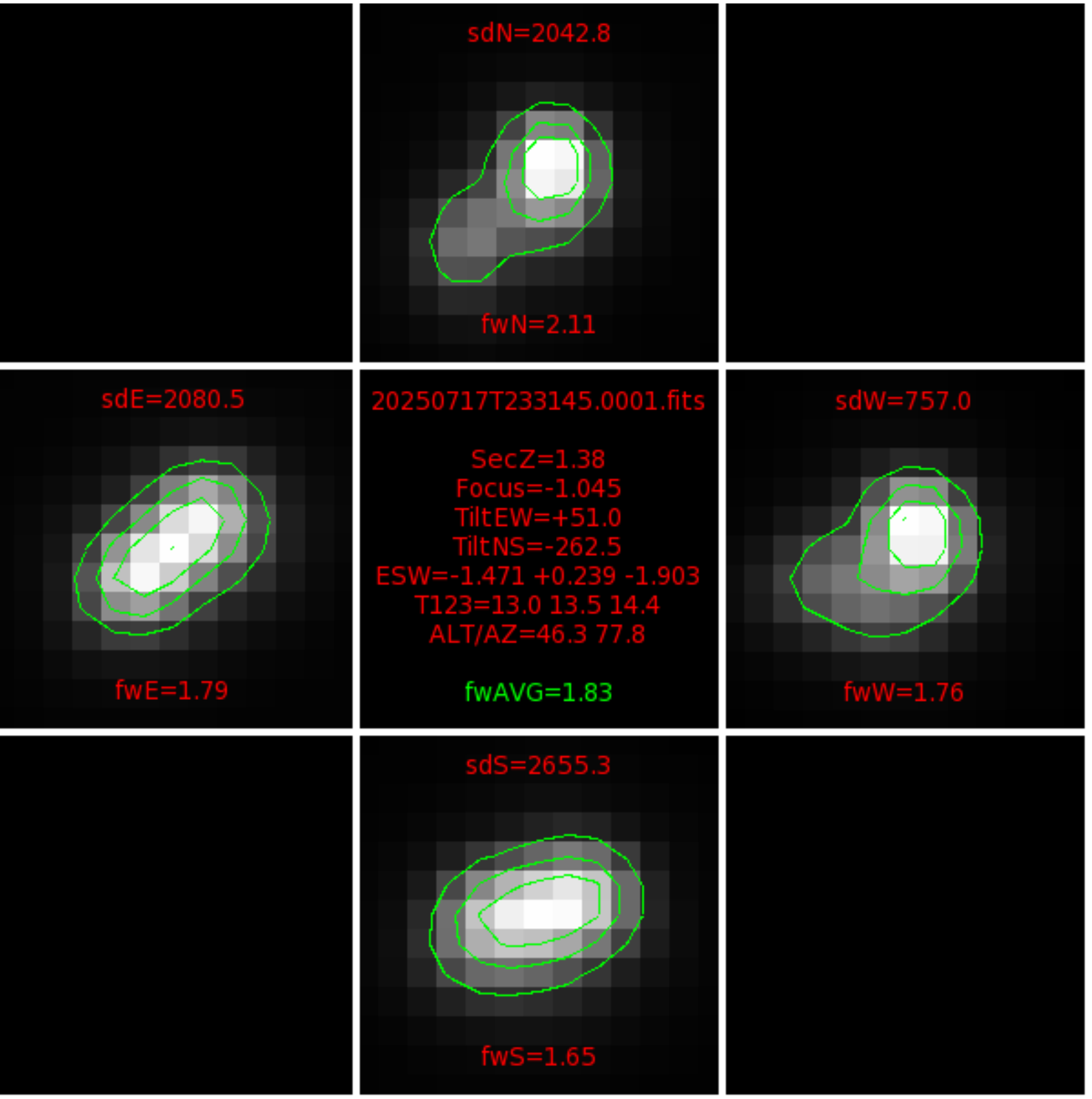
sdN=2042.8
fwN=2.11
sdE=2080.5
fwE=1.79
20250717T233145.0001.fits
SecZ=1.38
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=13.0 13.5 14.4
ALT/AZ=46.3 77.8
fwAVG=1.83
sdW=757.0
fwW=1.76
sdS=2655.3
fwS=1.65
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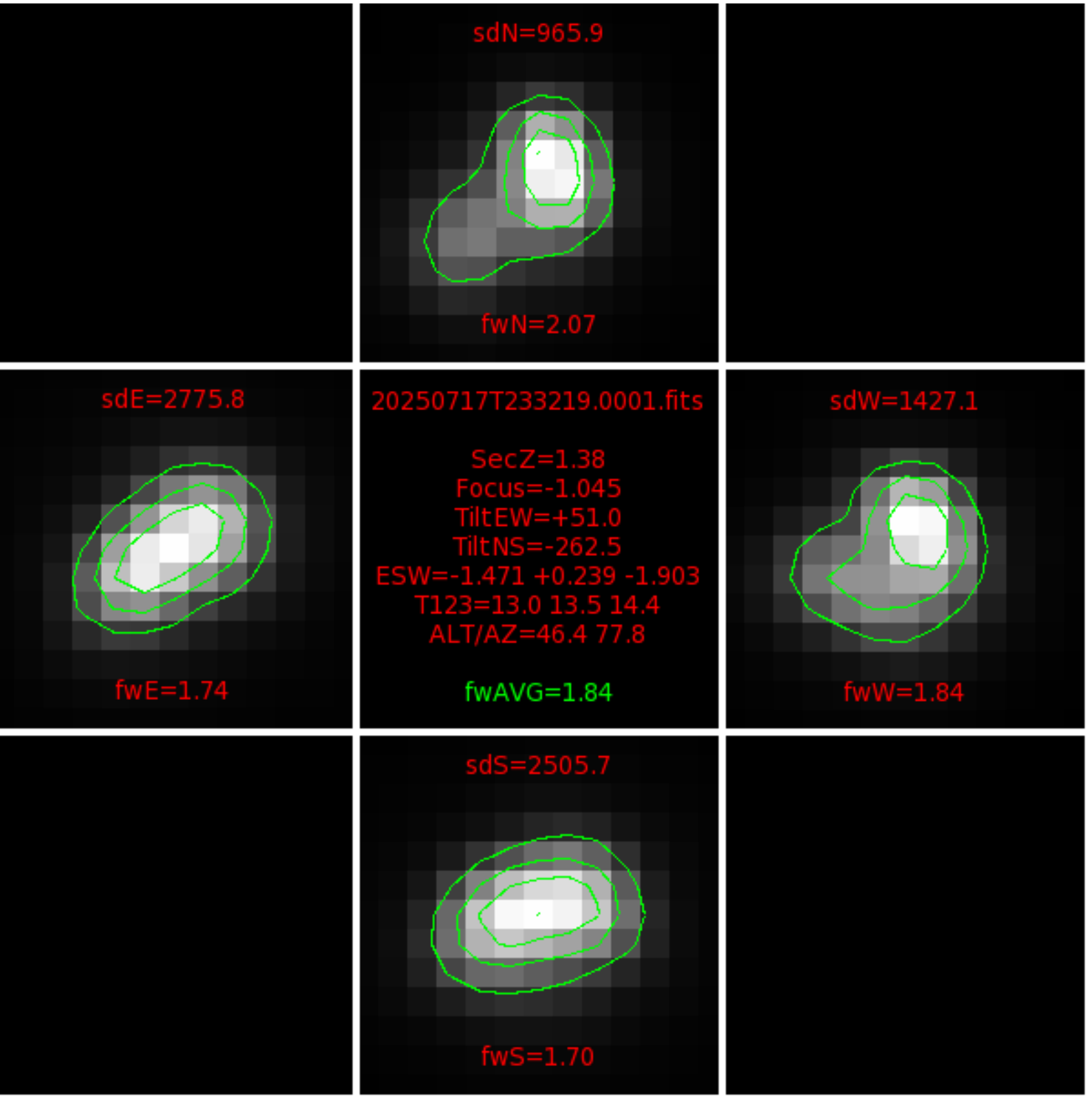
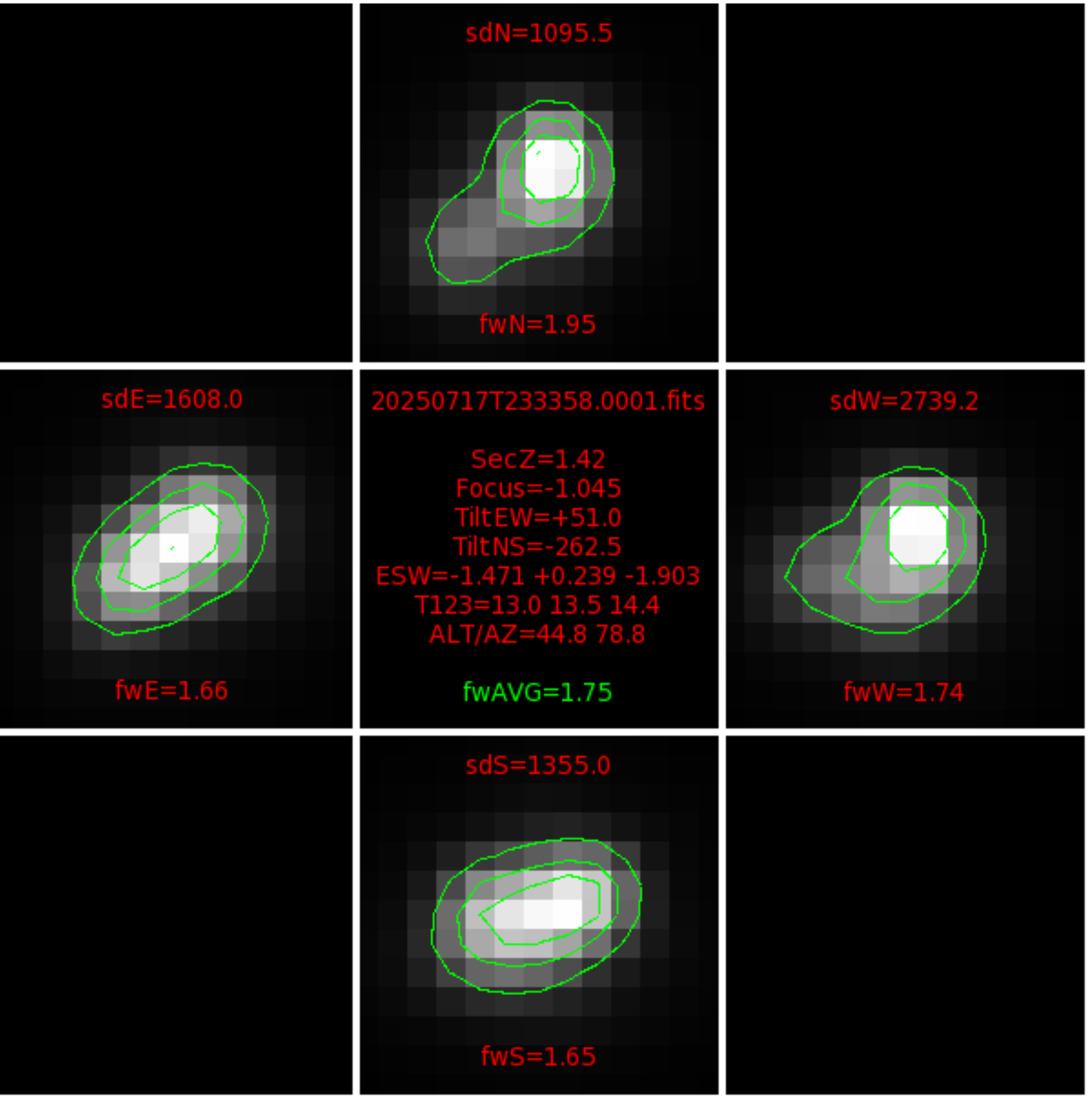

sdN=965.9
fwN=2.07
sdE=2775.8
fwE=1.74
20250717T233219.0001.fits
SecZ=1.38
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=13.0 13.5 14.4
ALT/AZ=46.4 77.8
fwAVG=1.84
sdW=1427.1
fwW=1.84
sdS=2505.7
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=1095.5
fwN=1.95
sdE=1608.0
fwE=1.66
20250717T233358.0001.fits
SecZ=1.42
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=13.0 13.5 14.4
ALT/AZ=44.8 78.8
fwAVG=1.75
sdW=2739.2
fwW=1.74
sdS=1355.0
fwS=1.65
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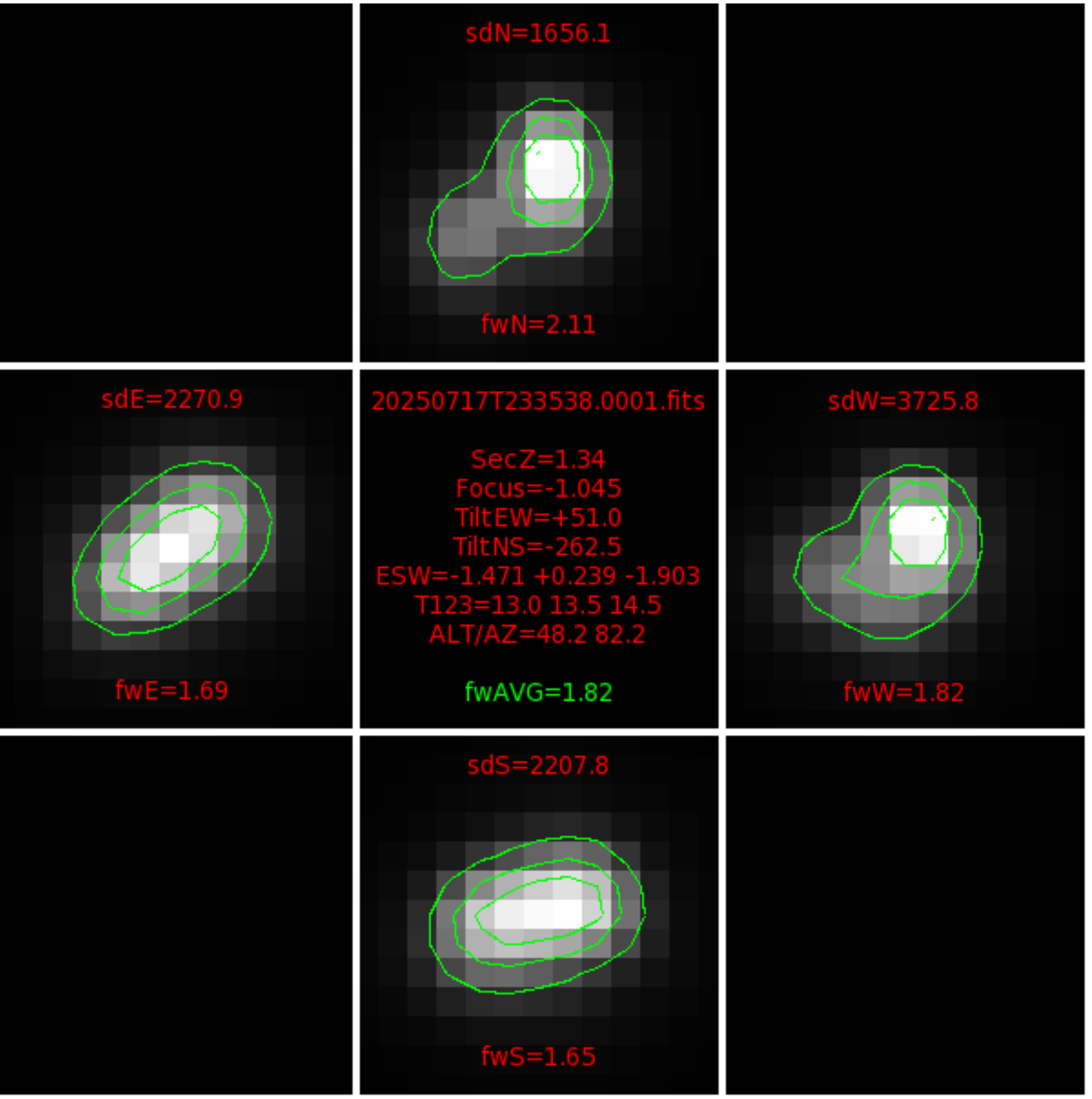
sdN=1656.1
fwN=2.11
sdE=2270.9
fwE=1.69
20250717T233538.0001.fits
SecZ=1.34
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=13.0 13.5 14.5
ALT/AZ=48.2 82.2
fwAVG=1.82
sdW=3725.8
fwW=1.82
sdS=2207.8
fwS=1.65
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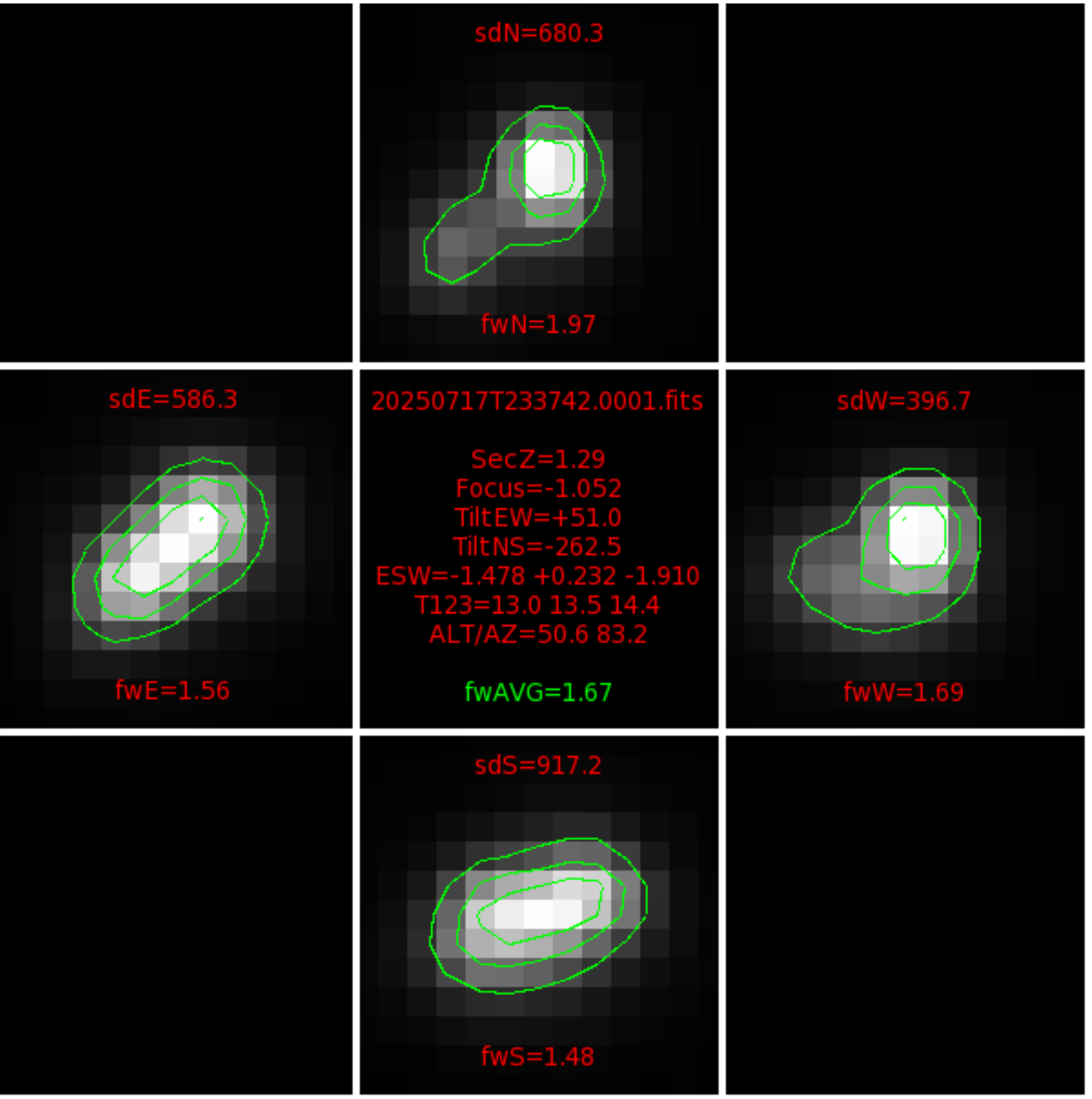
sdN=680.3
fwN=1.97
sdE=586.3
fwE=1.56
20250717T233742.0001.fits
SecZ=1.29
Focus=-1.052
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.478 +0.232 -1.910
T123=13.0 13.5 14.4
ALT/AZ=50.6 83.2
fwAVG=1.67
sdW=396.7
fwW=1.69
sdS=917.2
fwS=1.48
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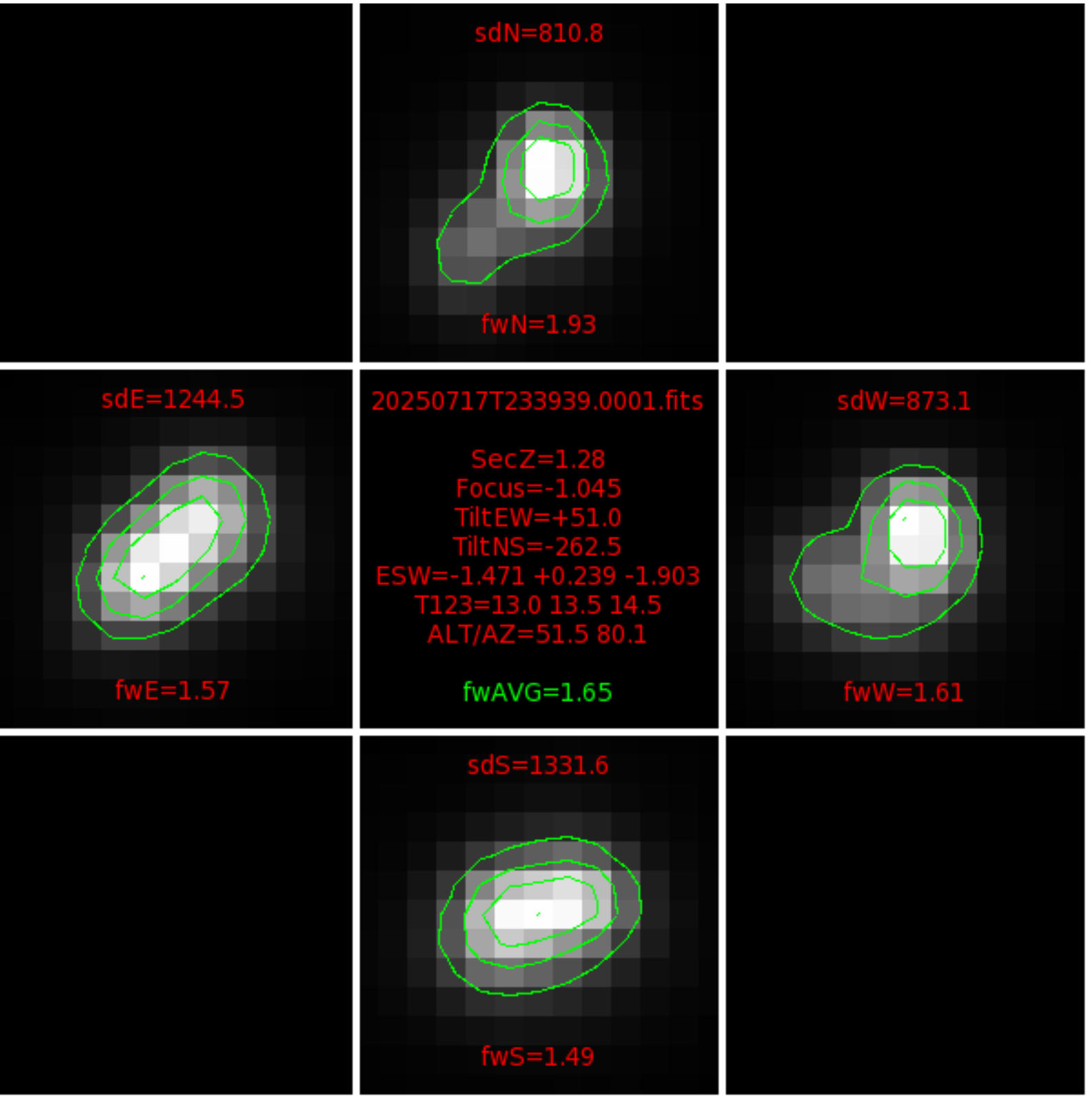
sdN=810.8
fwN=1.93
sdE=1244.5
fwE=1.57
20250717T233939.0001.fits
SecZ=1.28
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=13.0 13.5 14.5
ALT/AZ=51.5 80.1
fwAVG=1.65
sdW=873.1
fwW=1.61
sdS=1331.6
fwS=1.49
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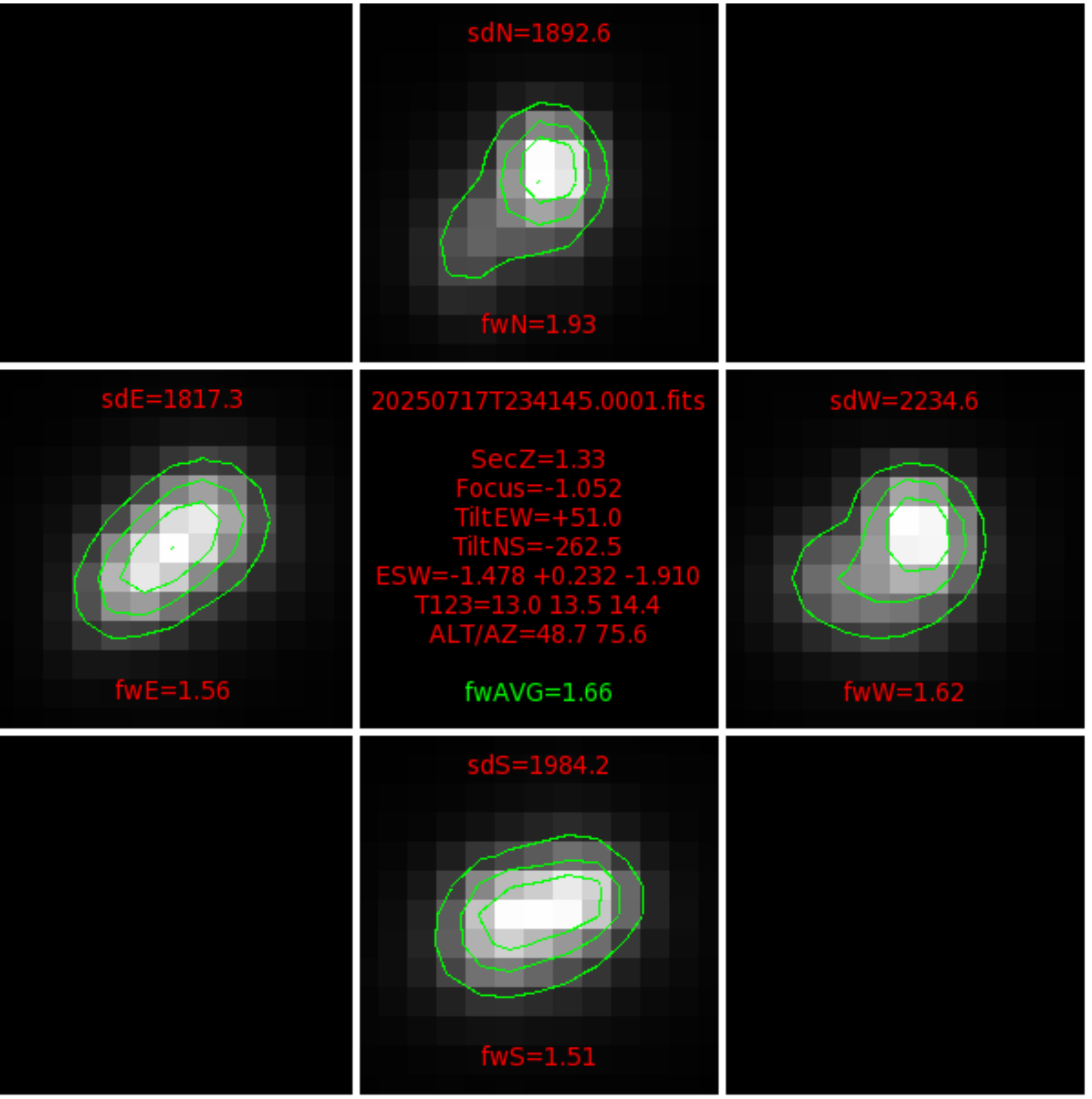
sdN=1892.6
fwN=1.93
sdE=1817.3
fwE=1.56
20250717T234145.0001.fits
SecZ=1.33
Focus=-1.052
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.478 +0.232 -1.910
T123=13.0 13.5 14.4
ALT/AZ=48.7 75.6
fwAVG=1.66
sdW=2234.6
fwW=1.62
sdS=1984.2
fwS=1.51
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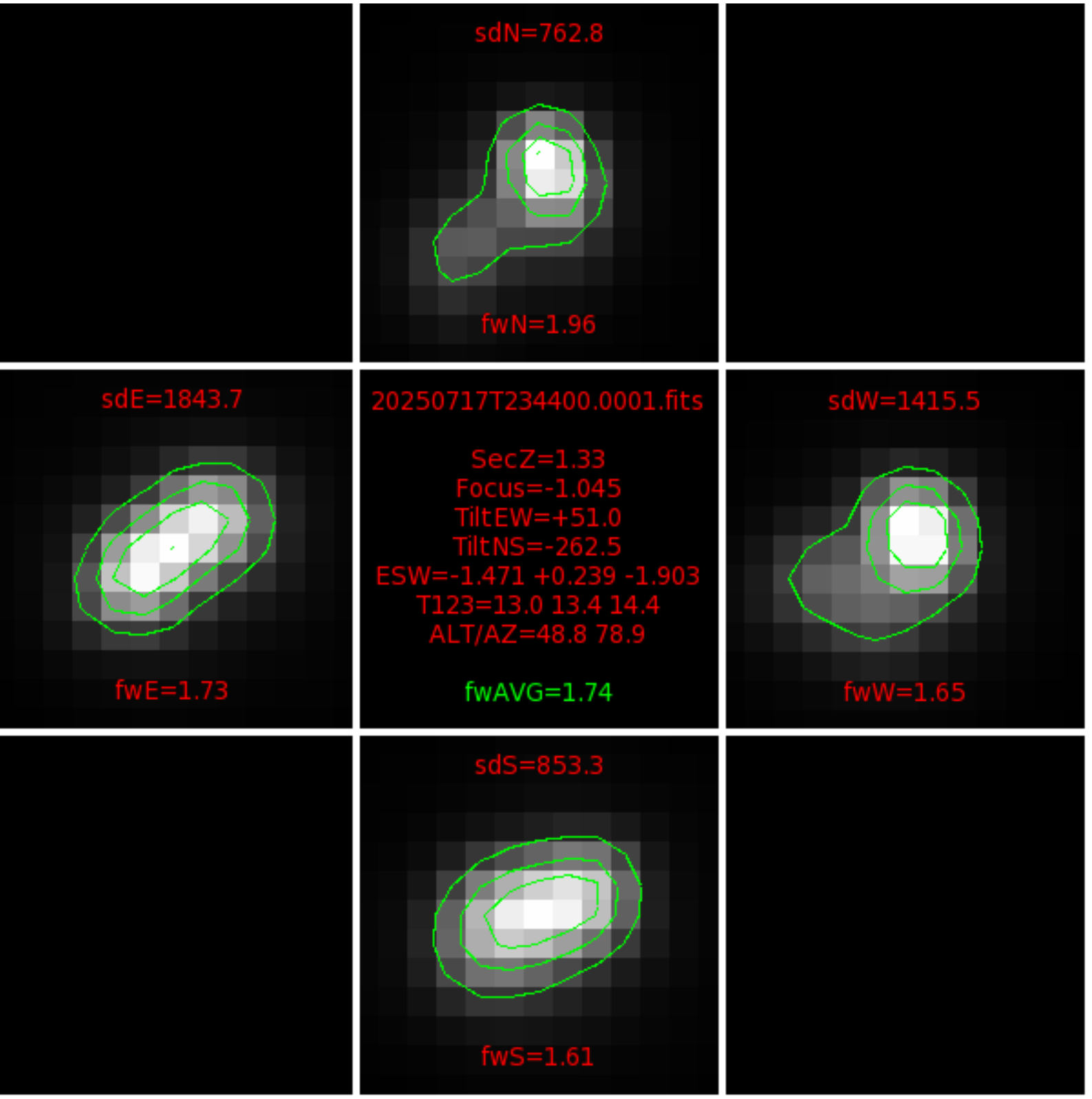
sdN=762.8
fwN=1.96
sdE=1843.7
fwE=1.73
20250717T234400.0001.fits
SecZ=1.33
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=13.0 13.4 14.4
ALT/AZ=48.8 78.9
fwAVG=1.74
sdW=1415.5
fwW=1.65
sdS=853.3
fwS=1.61
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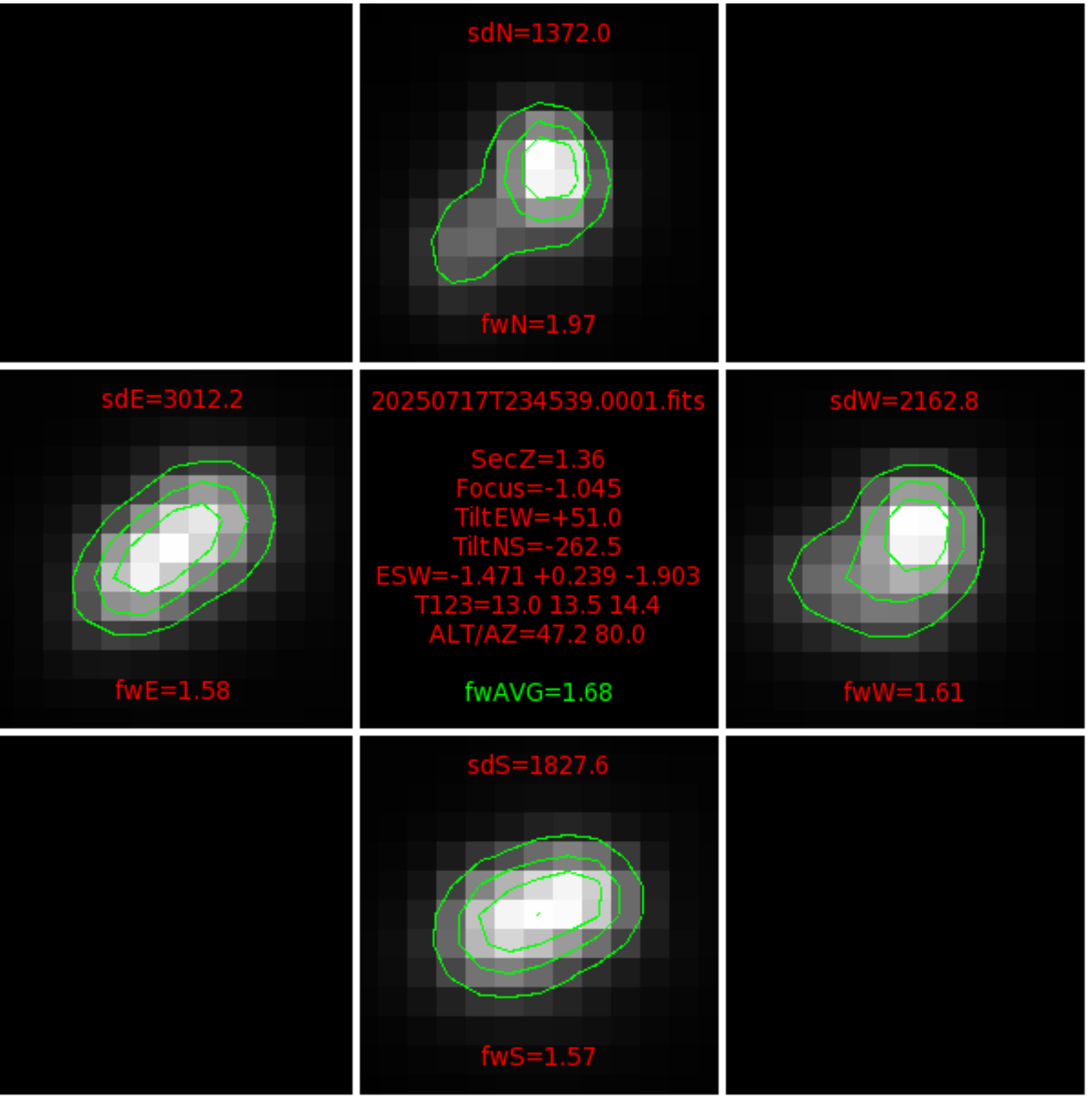
sdN=1372.0
fwN=1.97
sdE=3012.2
fwE=1.58
20250717T234539.0001.fits
SecZ=1.36
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=13.0 13.5 14.4
ALT/AZ=47.2 80.0
fwAVG=1.68
sdW=2162.8
fwW=1.61
sdS=1827.6
fwS=1.57
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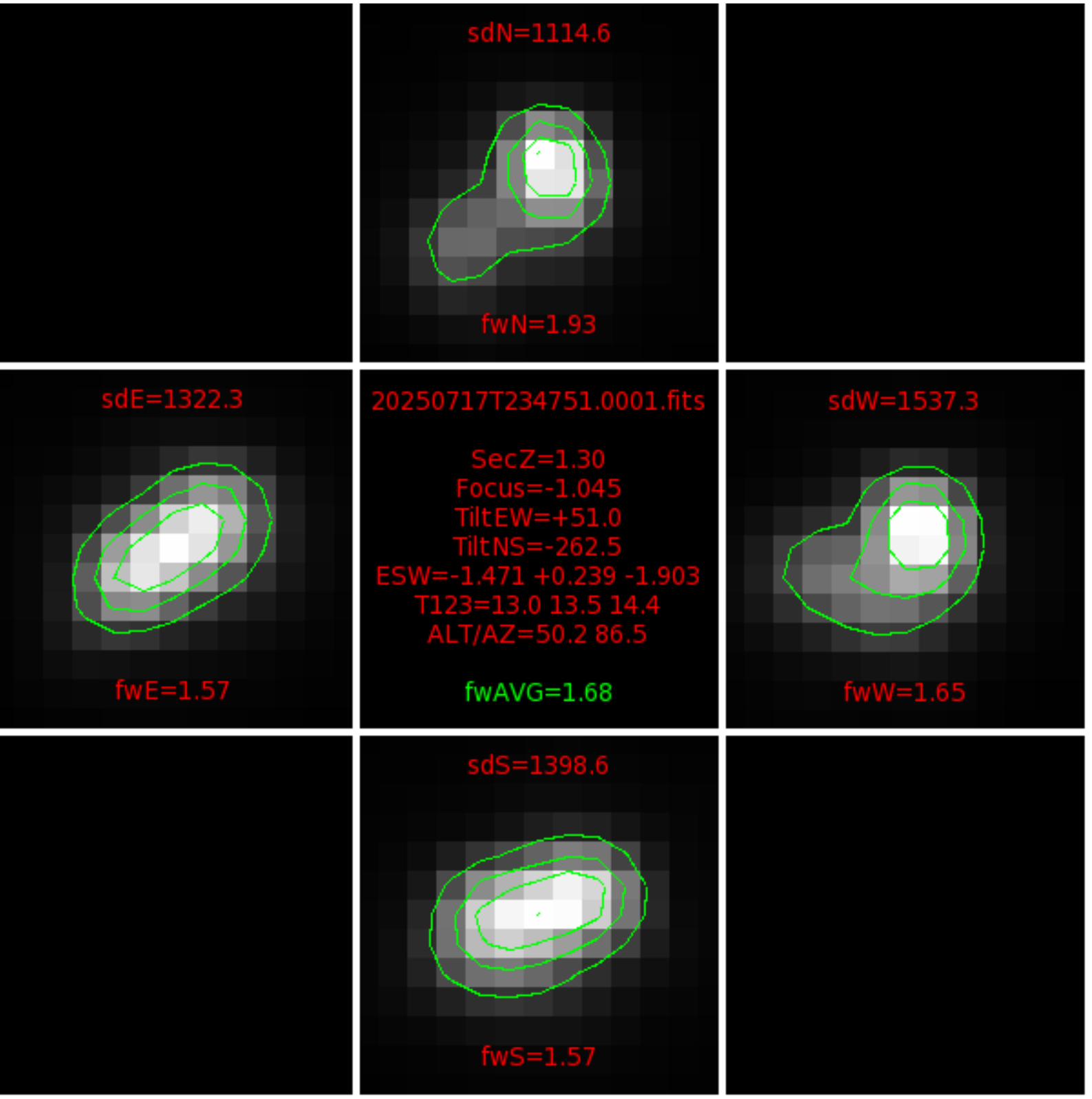
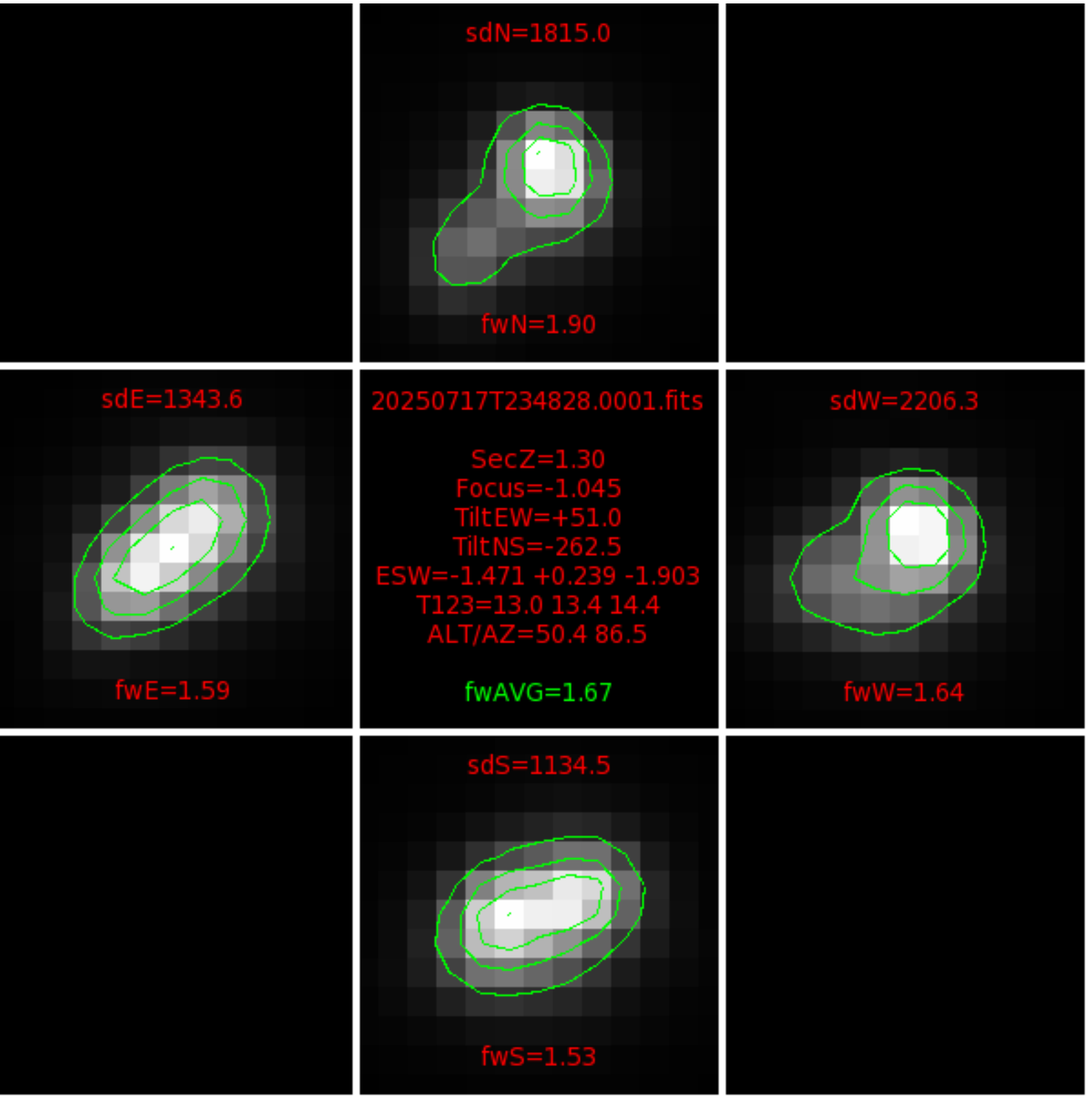

sdN=1114.6
fwN=1.93
sdE=1322.3
fwE=1.57
20250717T234751.0001.fits
SecZ=1.30
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=13.0 13.5 14.4
ALT/AZ=50.2 86.5
fwAVG=1.68
sdW=1537.3
fwW=1.65
sdS=1398.6
fwS=1.57
0 0 0 0 0 0 0 0 0


sdN=1815.0
fwN=1.90
sdE=1343.6
fwE=1.59
20250717T234828.0001.fits
SecZ=1.30
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=13.0 13.4 14.4
ALT/AZ=50.4 86.5
fwAVG=1.67
sdW=2206.3
fwW=1.64
sdS=1134.5
fwS=1.53
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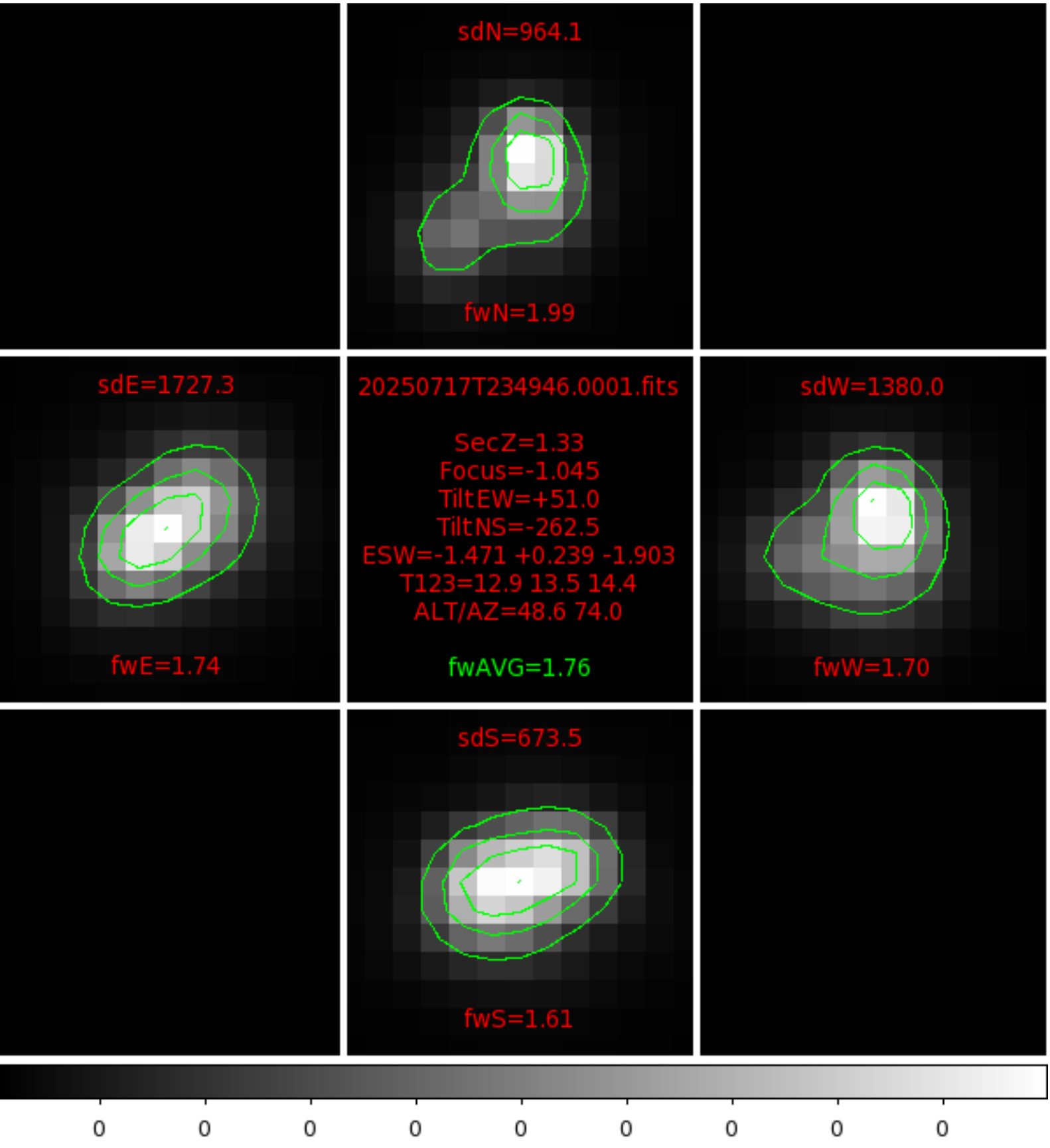
sdN=964.1
fwN=1.99
sdE=1727.3
fwE=1.74
20250717T234946.0001.fits
SecZ=1.33
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=12.9 13.5 14.4
ALT/AZ=48.6 74.0
fwAVG=1.76
sdW=1380.0
fwW=1.70
sdS=673.5
fwS=1.61
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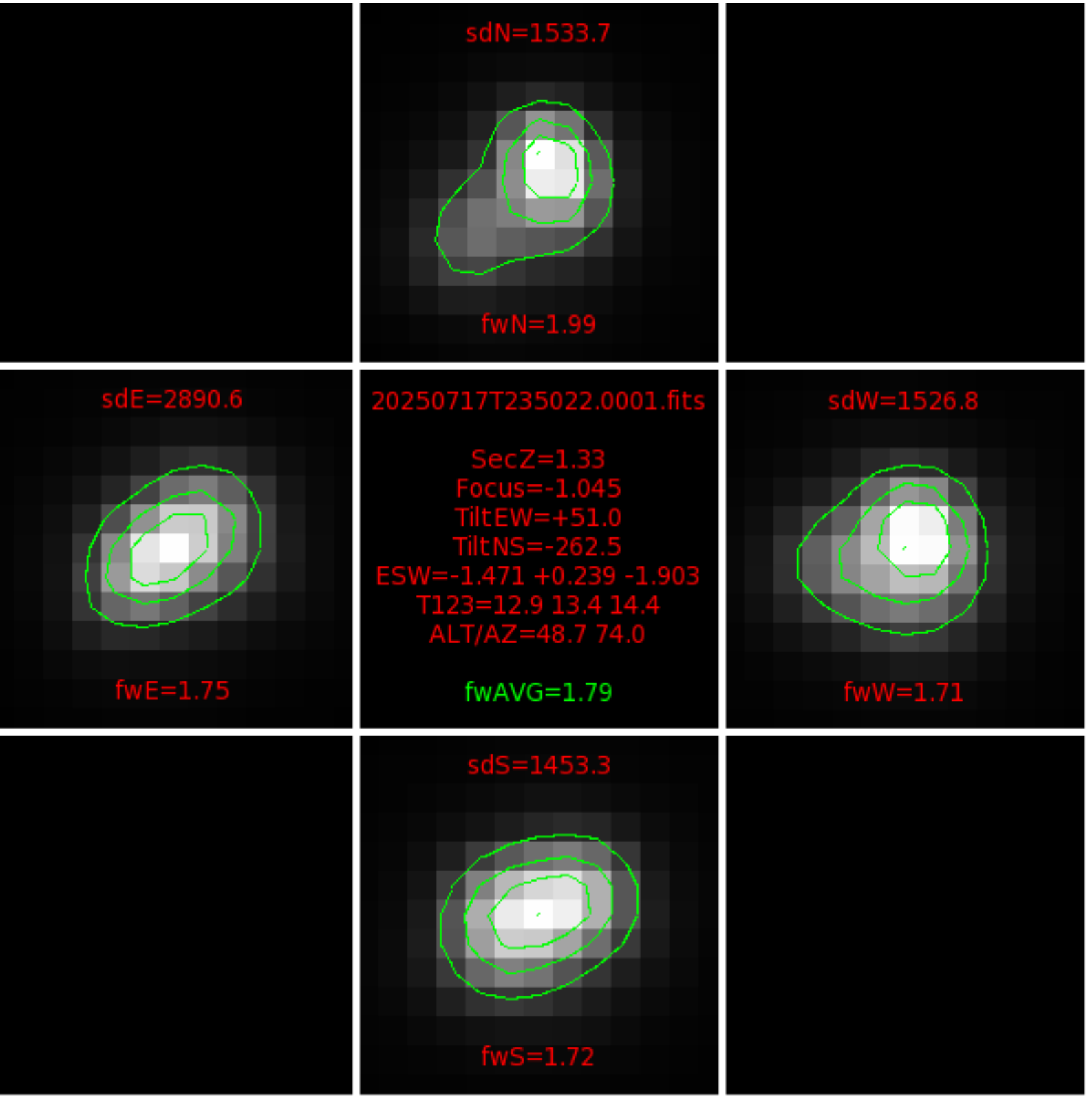
sdN=1533.7
fwN=1.99
sdE=2890.6
fwE=1.75
20250717T235022.0001.fits
SecZ=1.33
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=12.9 13.4 14.4
ALT/AZ=48.7 74.0
fwAVG=1.79
sdW=1526.8
fwW=1.71
sdS=1453.3
fwS=1.72
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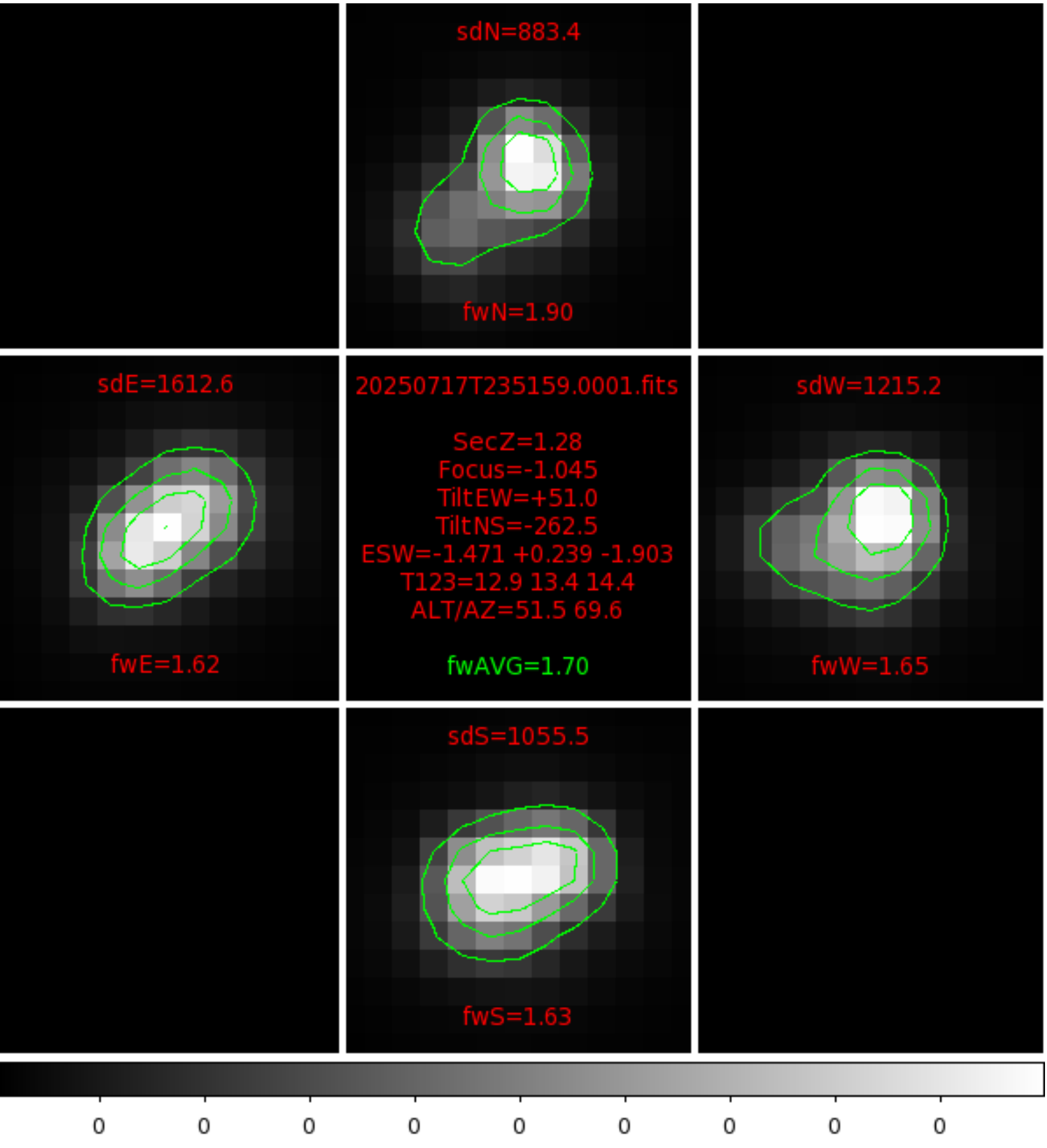
sdN=883.4
fwN=1.90
sdE=1612.6
fwE=1.62
20250717T235159.0001.fits
SecZ=1.28
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=12.9 13.4 14.4
ALT/AZ=51.5 69.6
fwAVG=1.70
sdW=1215.2
fwW=1.65
sdS=1055.5
fwS=1.63
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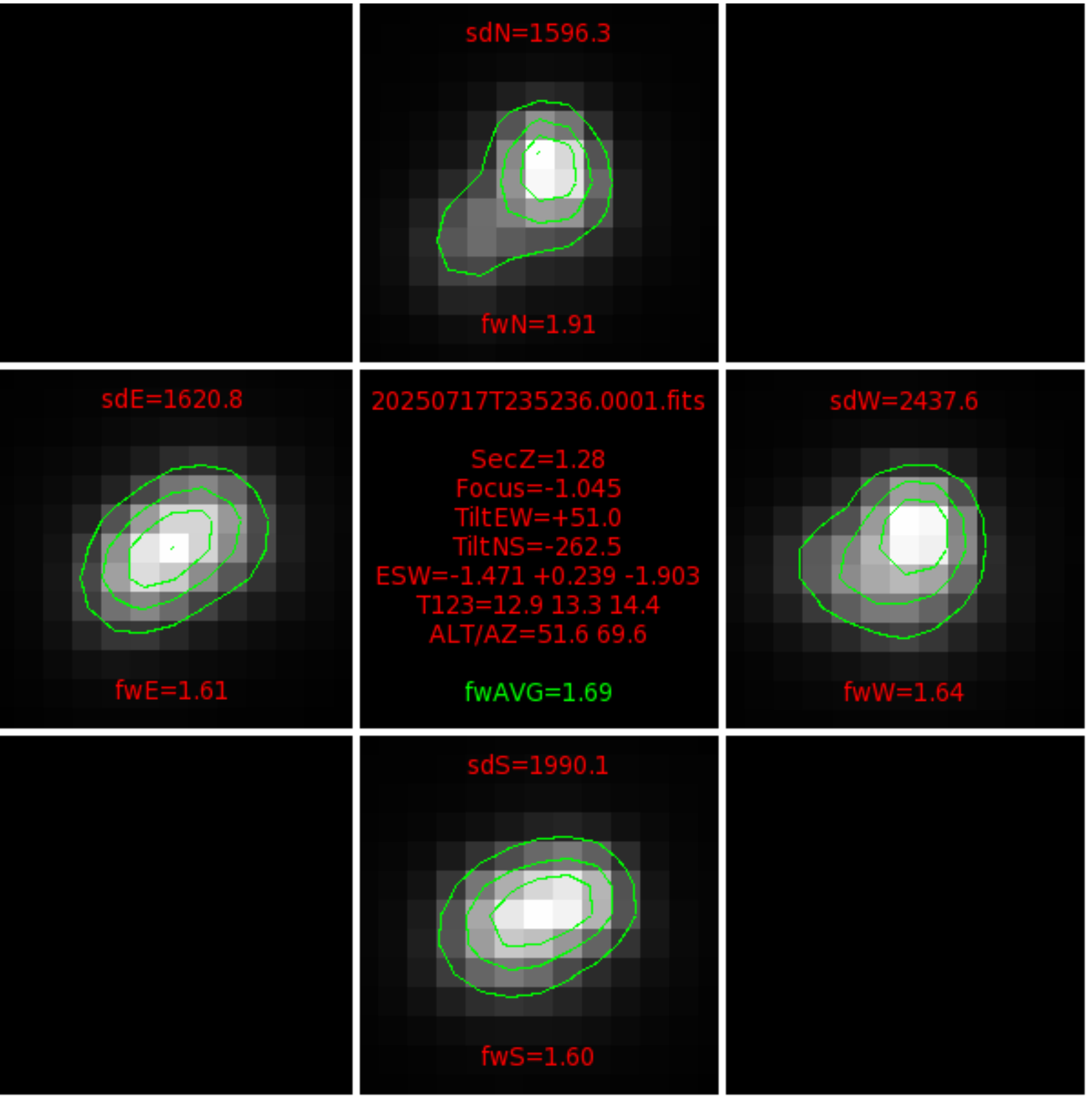
sdN=1596.3
fwN=1.91
sdE=1620.8
fwE=1.61
20250717T235236.0001.fits
SecZ=1.28
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=12.9 13.3 14.4
ALT/AZ=51.6 69.6
fwAVG=1.69
sdW=2437.6
fwW=1.64
sdS=1990.1
fwS=1.60
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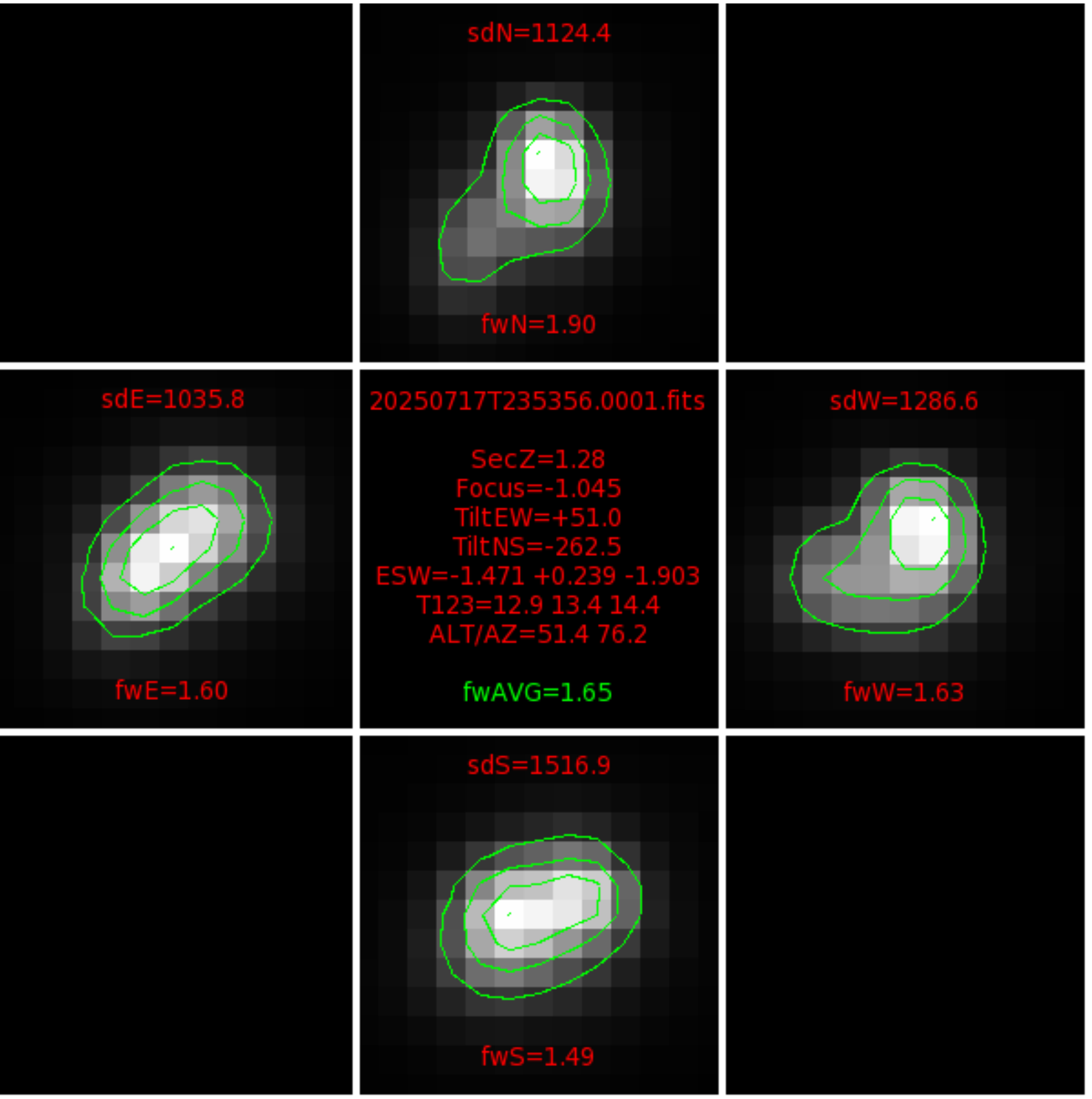
sdN=1124.4
fwN=1.90
sdE=1035.8
fwE=1.60
20250717T235356.0001.fits
SecZ=1.28
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=12.9 13.4 14.4
ALT/AZ=51.4 76.2
fwAVG=1.65
sdW=1286.6
fwW=1.63
sdS=1516.9
fwS=1.49
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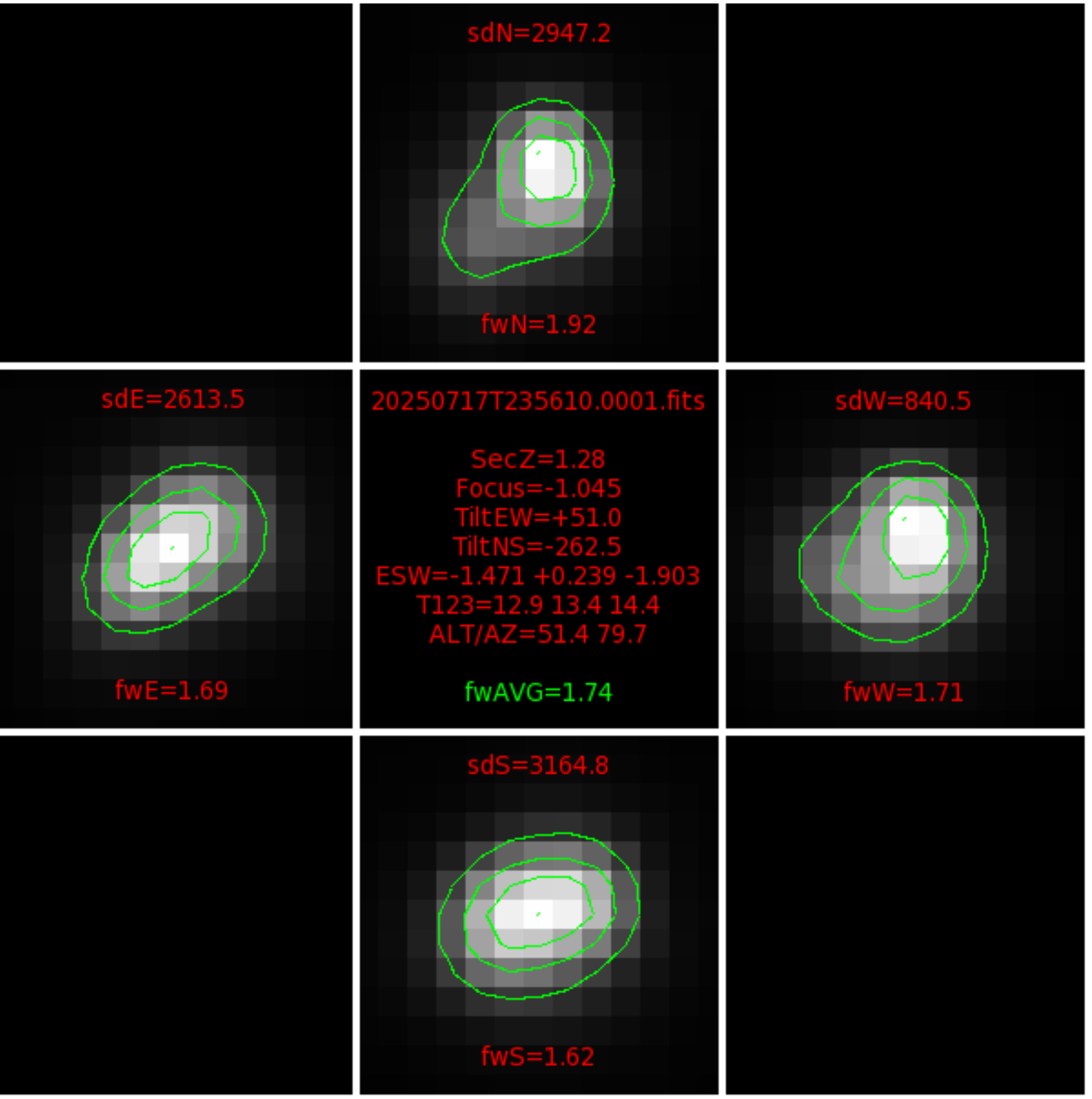
sdN=2947.2
fwN=1.92
sdE=2613.5
fwE=1.69
20250717T235610.0001.fits
SecZ=1.28
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=12.9 13.4 14.4
ALT/AZ=51.4 79.7
fwAVG=1.74
sdW=840.5
fwW=1.71
sdS=3164.8
fwS=1.62
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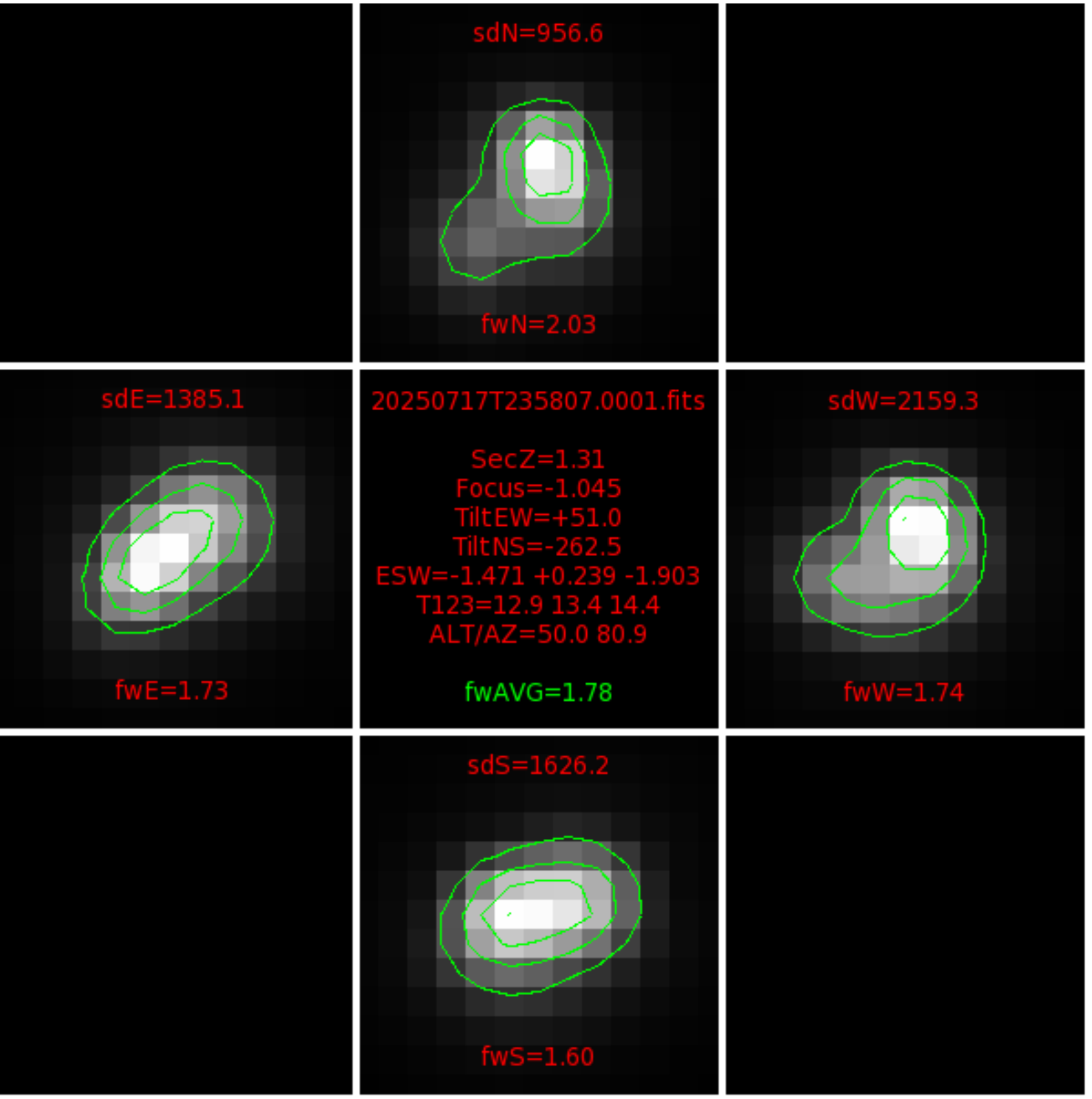
sdN=956.6
fwN=2.03
sdE=1385.1
fwE=1.73
20250717T235807.0001.fits
SecZ=1.31
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=12.9 13.4 14.4
ALT/AZ=50.0 80.9
fwAVG=1.78
sdW=2159.3
fwW=1.74
sdS=1626.2
fwS=1.60
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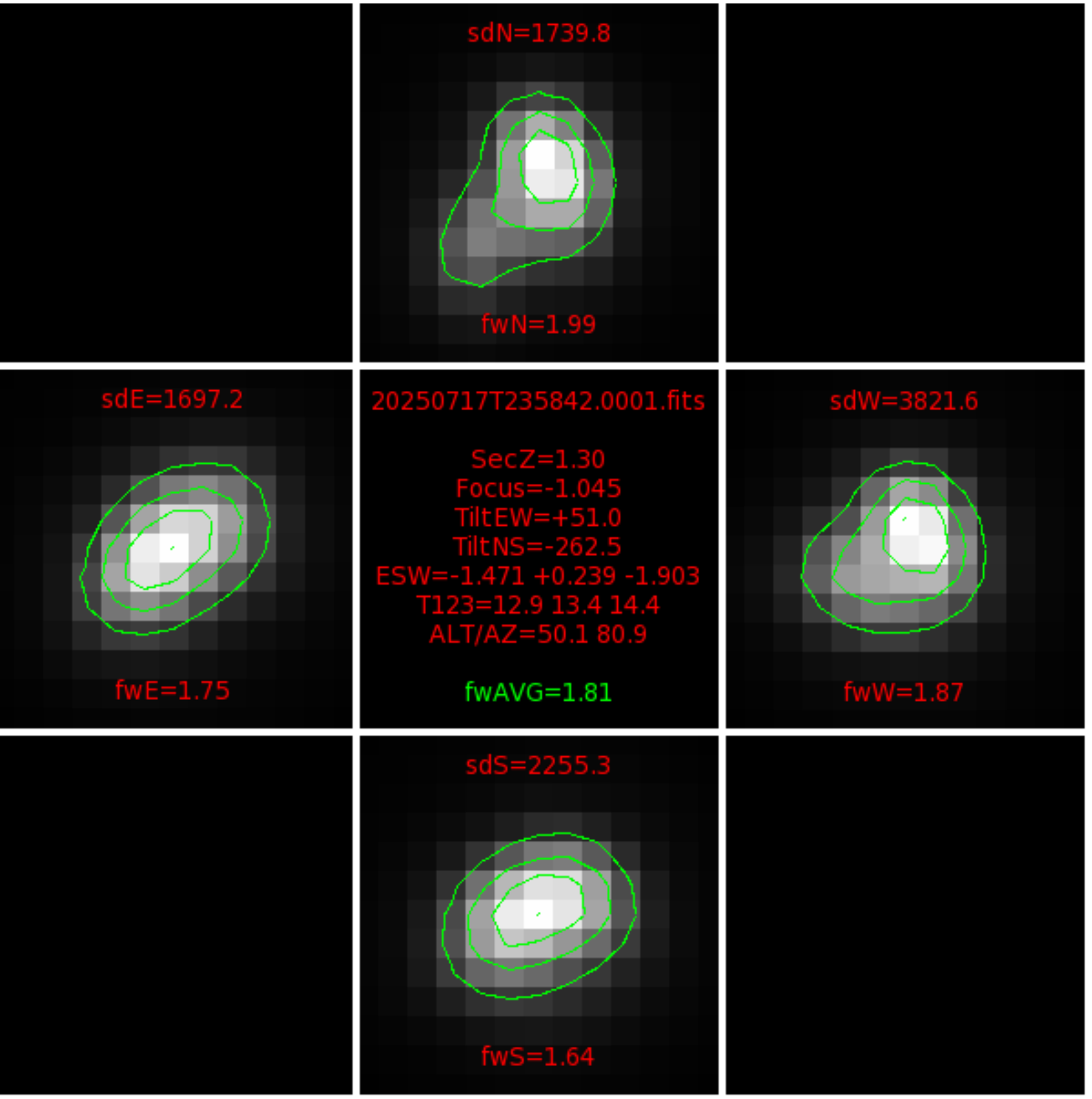
sdN=1739.8
fwN=1.99
sdE=1697.2
fwE=1.75
20250717T235842.0001.fits
SecZ=1.30
Focus=-1.045
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.471 +0.239 -1.903
T123=12.9 13.4 14.4
ALT/AZ=50.1 80.9
fwAVG=1.81
sdW=3821.6
fwW=1.87
sdS=2255.3
fwS=1.64
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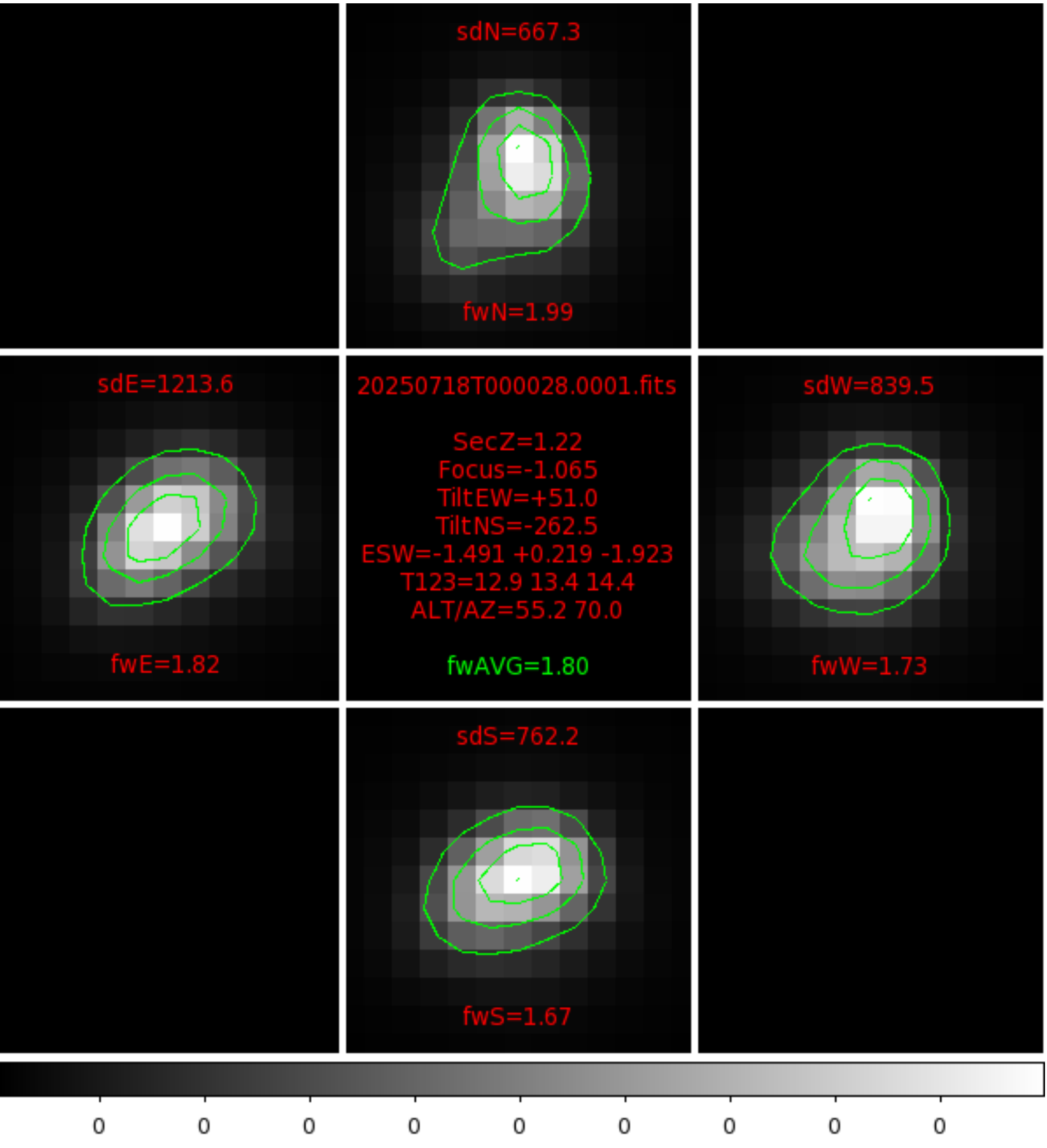
sdN=667.3
fwN=1.99
sdE=1213.6
fwE=1.82
20250718T000028.0001.fits
SecZ=1.22
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.9 13.4 14.4
ALT/AZ=55.2 70.0
fwAVG=1.80
sdW=839.5
fwW=1.73
sdS=762.2
fwS=1.67
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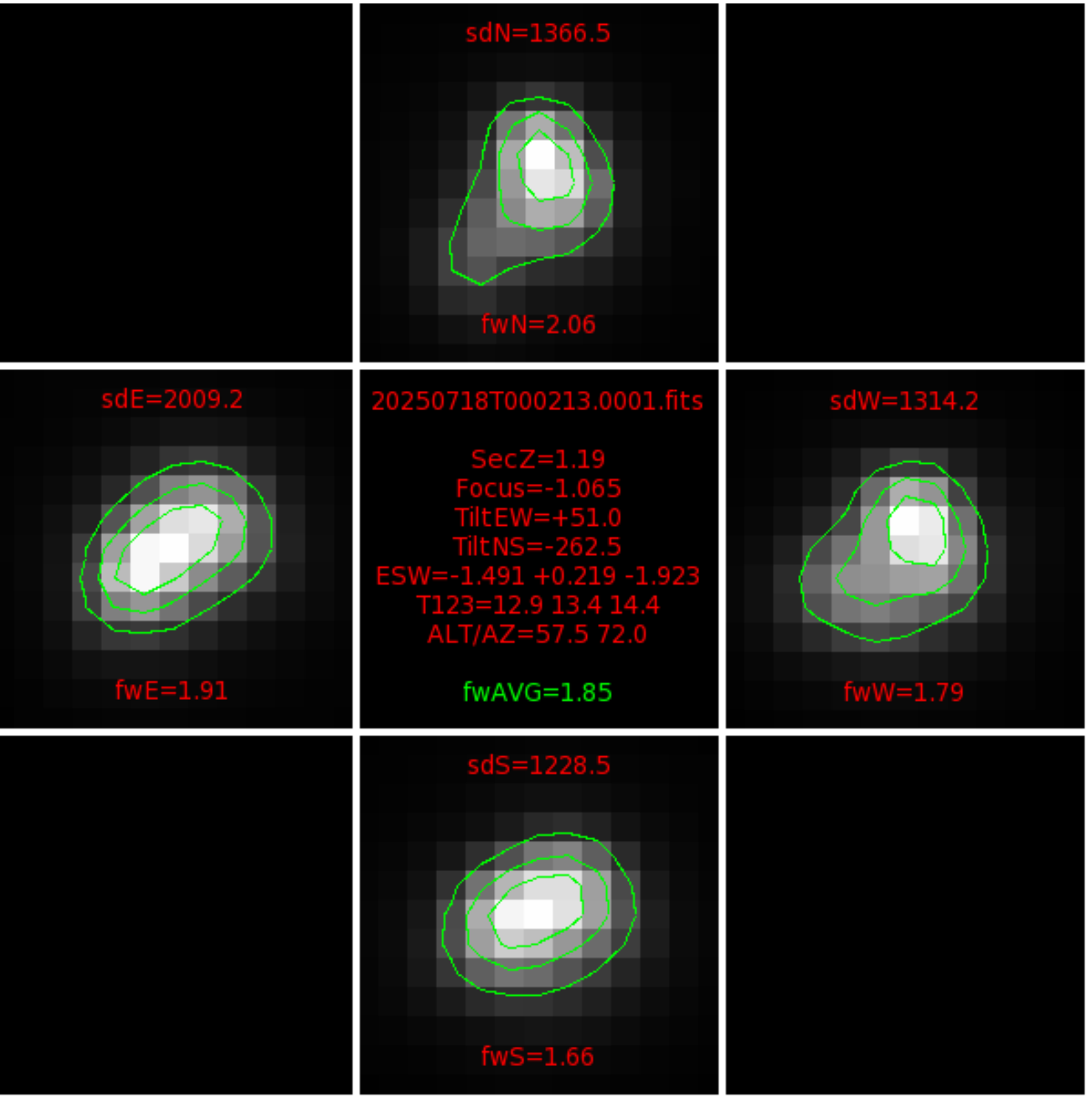
sdN=1366.5
fwN=2.06
sdE=2009.2
fwE=1.91
20250718T000213.0001.fits
SecZ=1.19
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.9 13.4 14.4
ALT/AZ=57.5 72.0
fwAVG=1.85
sdW=1314.2
fwW=1.79
sdS=1228.5
fwS=1.66
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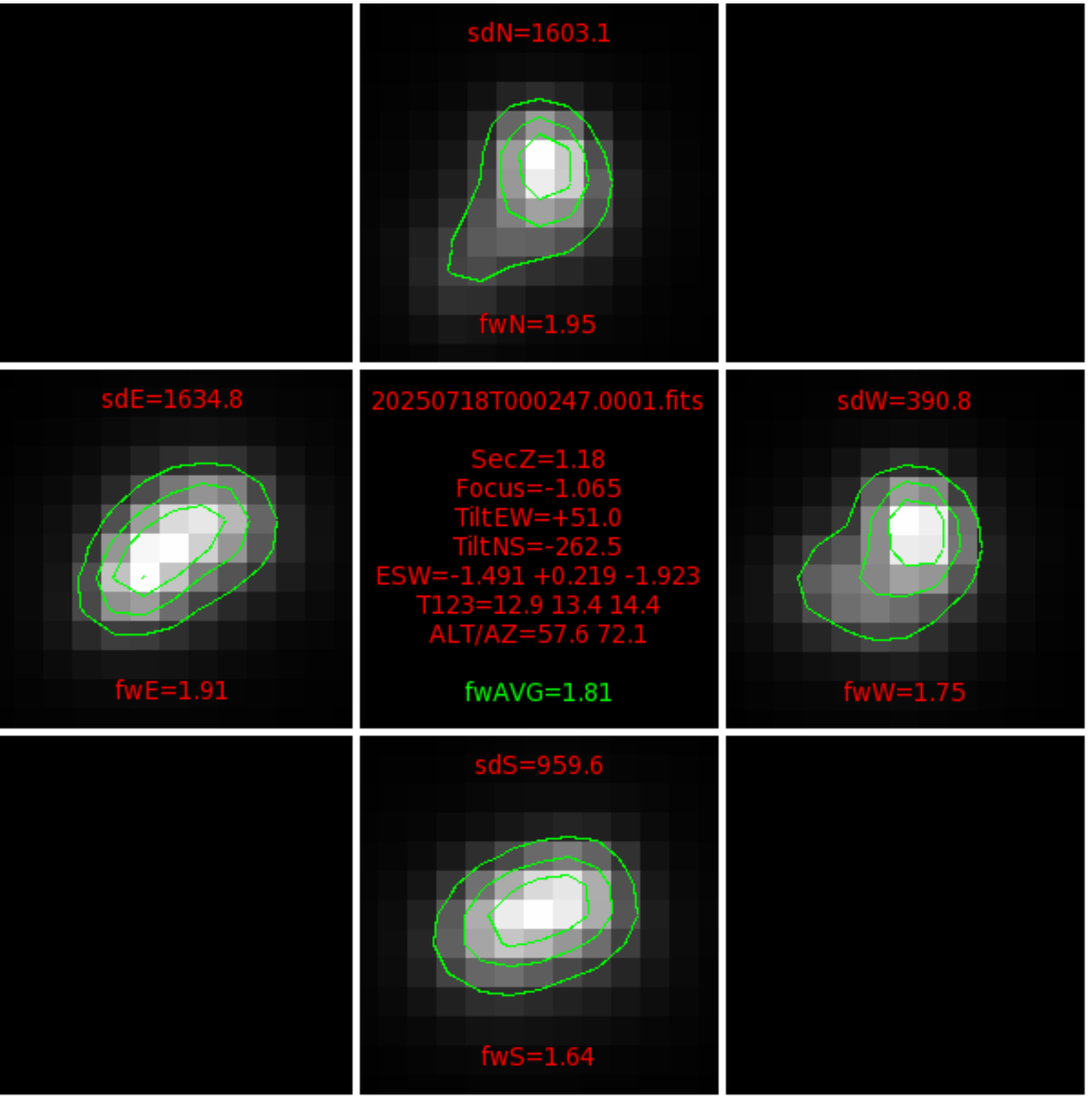
sdN=1603.1
fwN=1.95
sdE=1634.8
fwE=1.91
20250718T000247.0001.fits
SecZ=1.18
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.9 13.4 14.4
ALT/AZ=57.6 72.1
fwAVG=1.81
sdW=390.8
fwW=1.75
sdS=959.6
fwS=1.64
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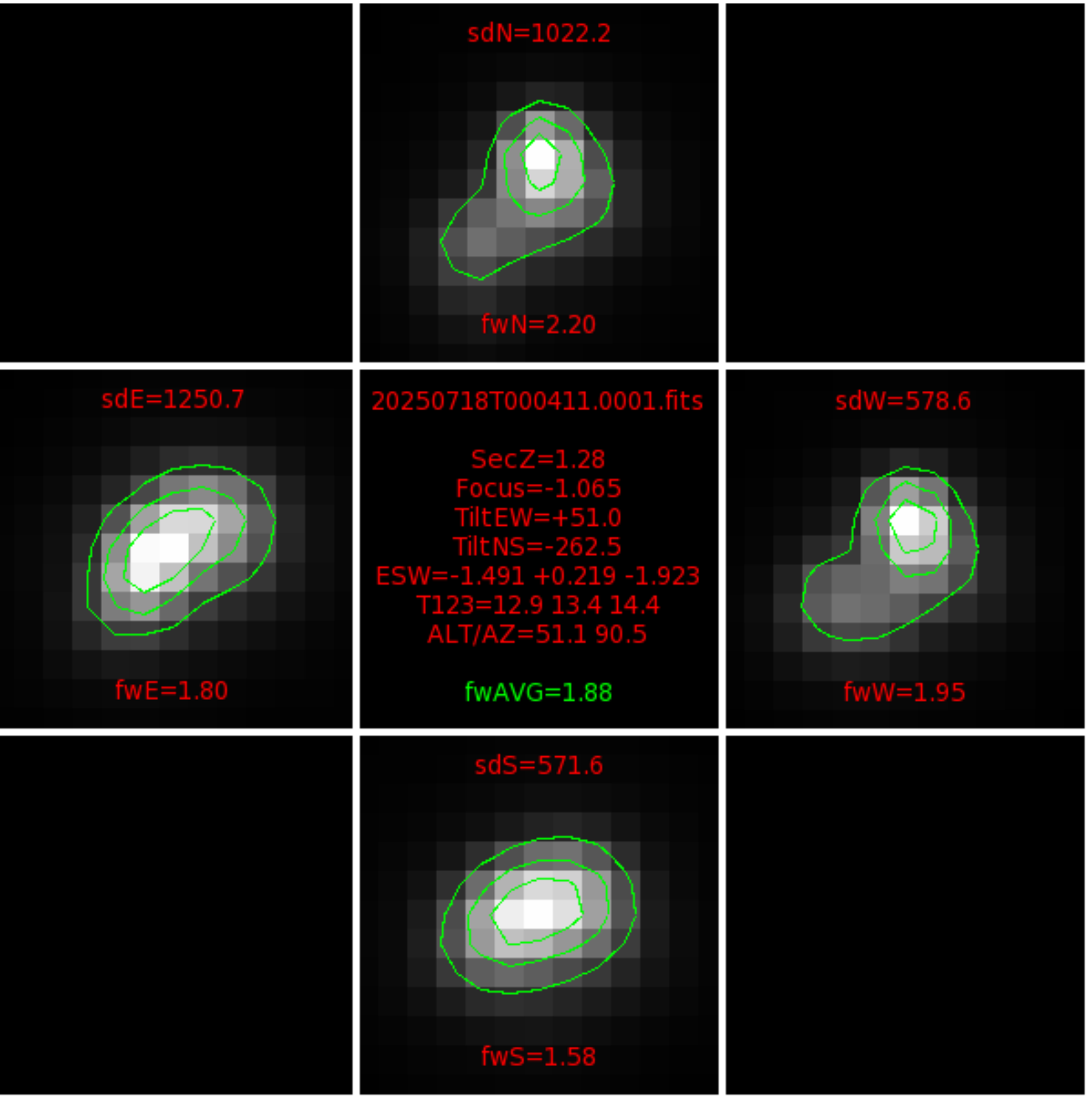
sdN=1022.2
fwN=2.20
sdE=1250.7
fwE=1.80
20250718T000411.0001.fits
SecZ=1.28
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.9 13.4 14.4
ALT/AZ=51.1 90.5
fwAVG=1.88
sdW=578.6
fwW=1.95
sdS=571.6
fwS=1.58
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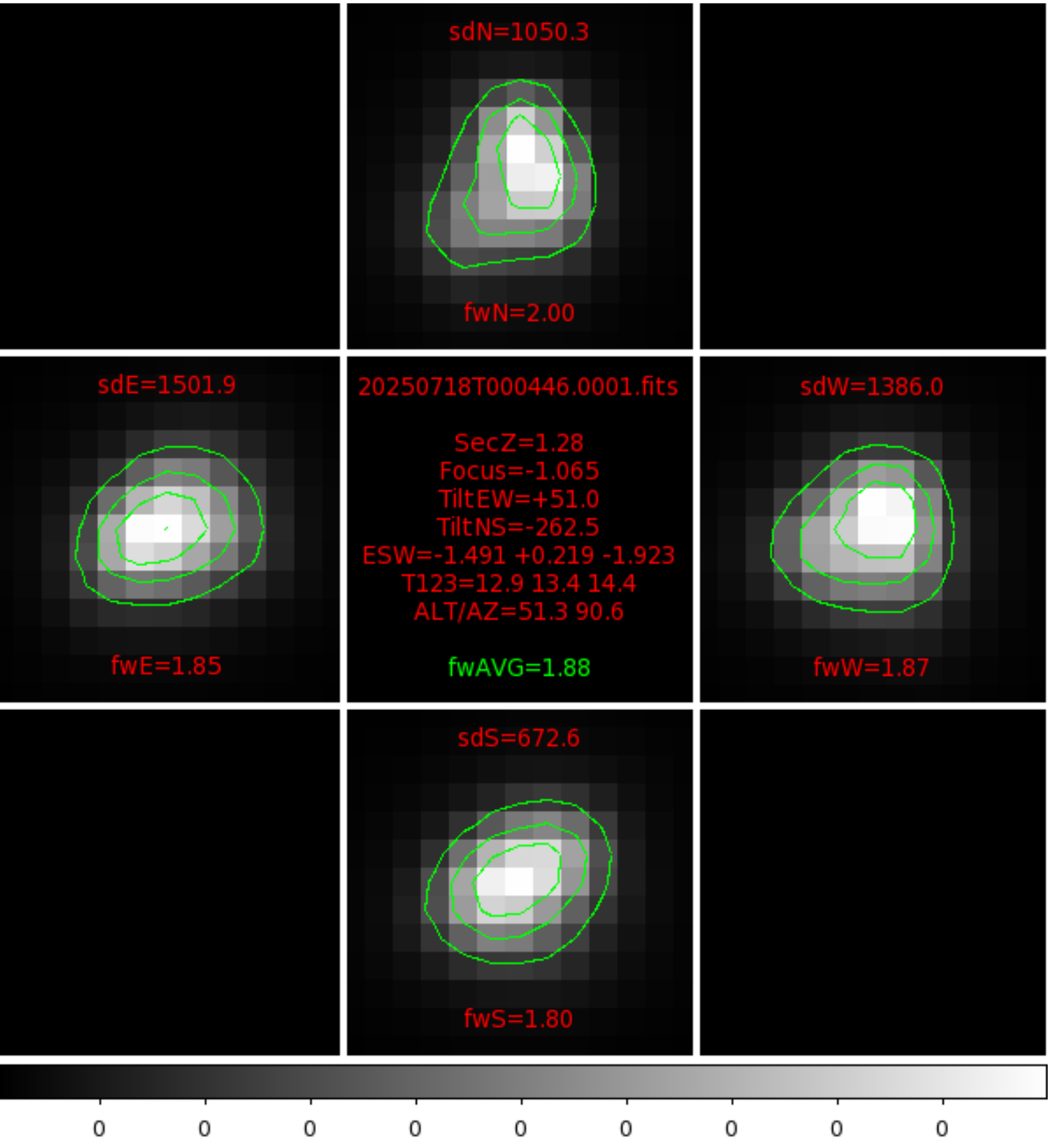
sdN=1050.3
fwN=2.00
sdE=1501.9
fwE=1.85
20250718T000446.0001.fits
SecZ=1.28
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.9 13.4 14.4
ALT/AZ=51.3 90.6
fwAVG=1.88
sdW=1386.0
fwW=1.87
sdS=672.6
fwS=1.80
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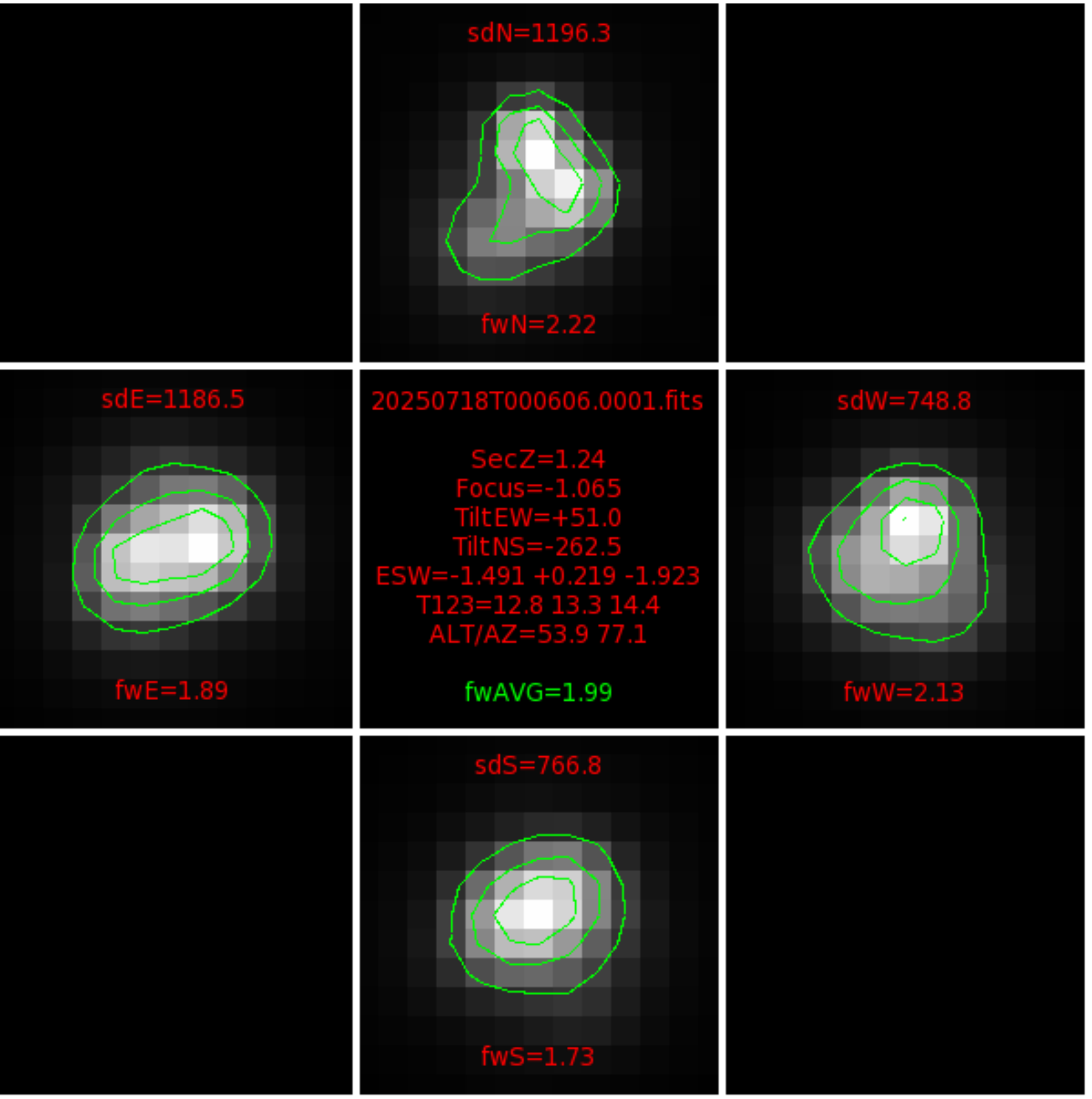
sdN=1196.3
fwN=2.22
sdE=1186.5
fwE=1.89
20250718T000606.0001.fits
SecZ=1.24
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.3 14.4
ALT/AZ=53.9 77.1
fwAVG=1.99
sdW=748.8
fwW=2.13
sdS=766.8
fwS=1.73
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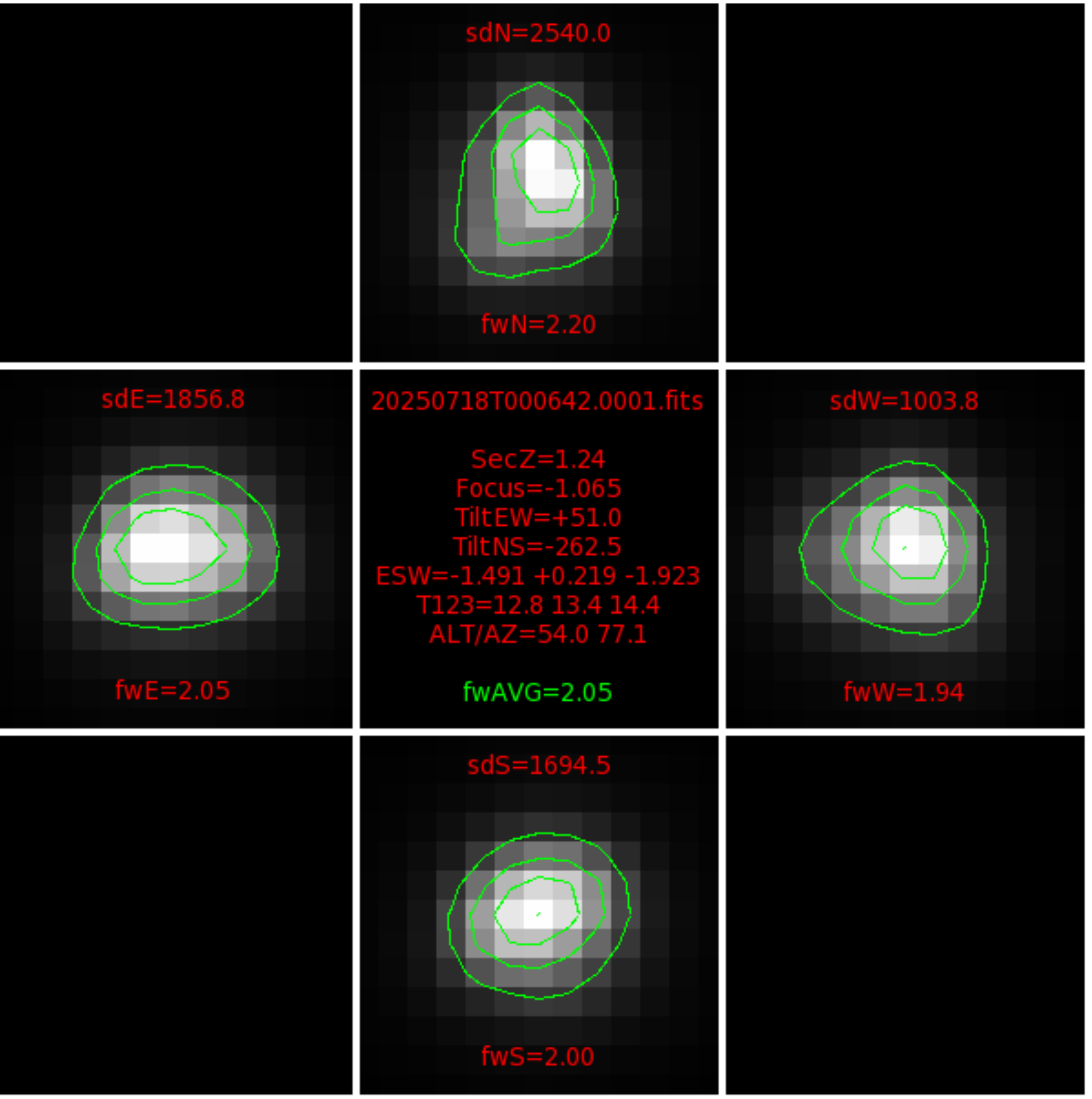
sdN=2540.0
fwN=2.20
sdE=1856.8
fwE=2.05
20250718T000642.0001.fits
SecZ=1.24
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.4 14.4
ALT/AZ=54.0 77.1
fwAVG=2.05
sdW=1003.8
fwW=1.94
sdS=1694.5
fwS=2.00
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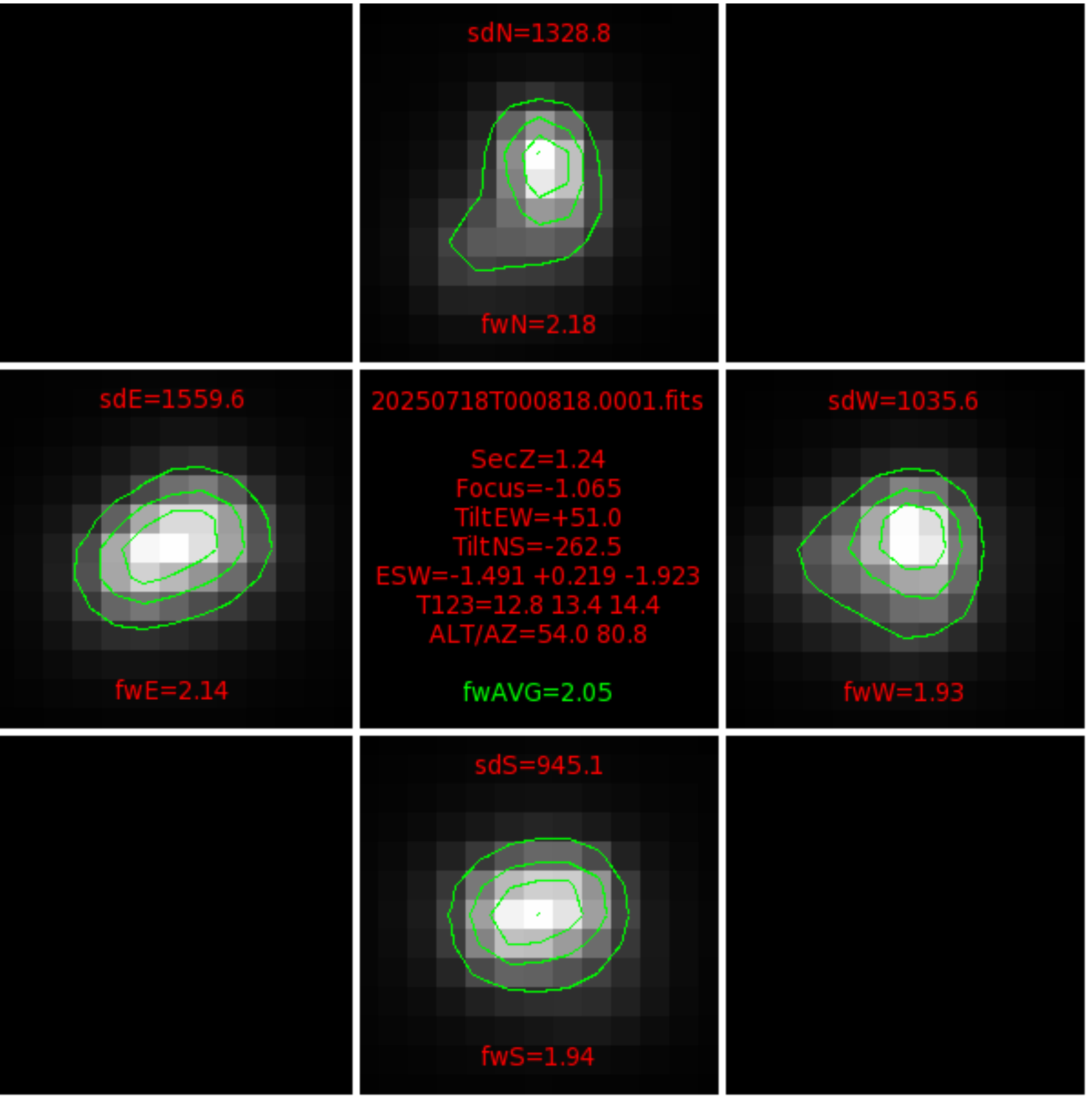
sdN=1328.8
fwN=2.18
sdE=1559.6
fwE=2.14
20250718T000818.0001.fits
SecZ=1.24
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.4 14.4
ALT/AZ=54.0 80.8
fwAVG=2.05
sdW=1035.6
fwW=1.93
sdS=945.1
fwS=1.94
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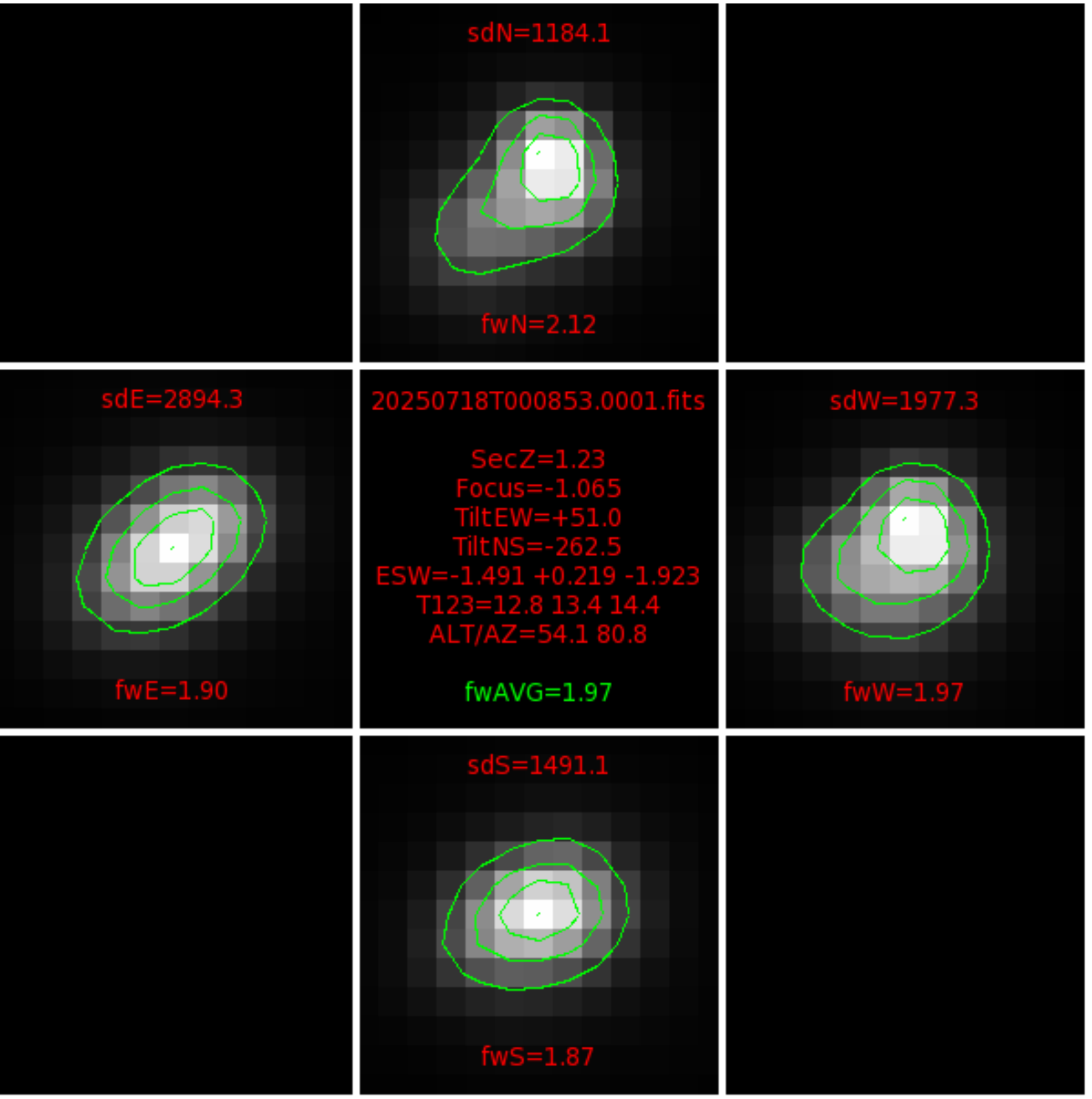
sdN=1184.1
fwN=2.12
sdE=2894.3
fwE=1.90
20250718T000853.0001.fits
SecZ=1.23
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.4 14.4
ALT/AZ=54.1 80.8
fwAVG=1.97
sdW=1977.3
fwW=1.97
sdS=1491.1
fwS=1.87
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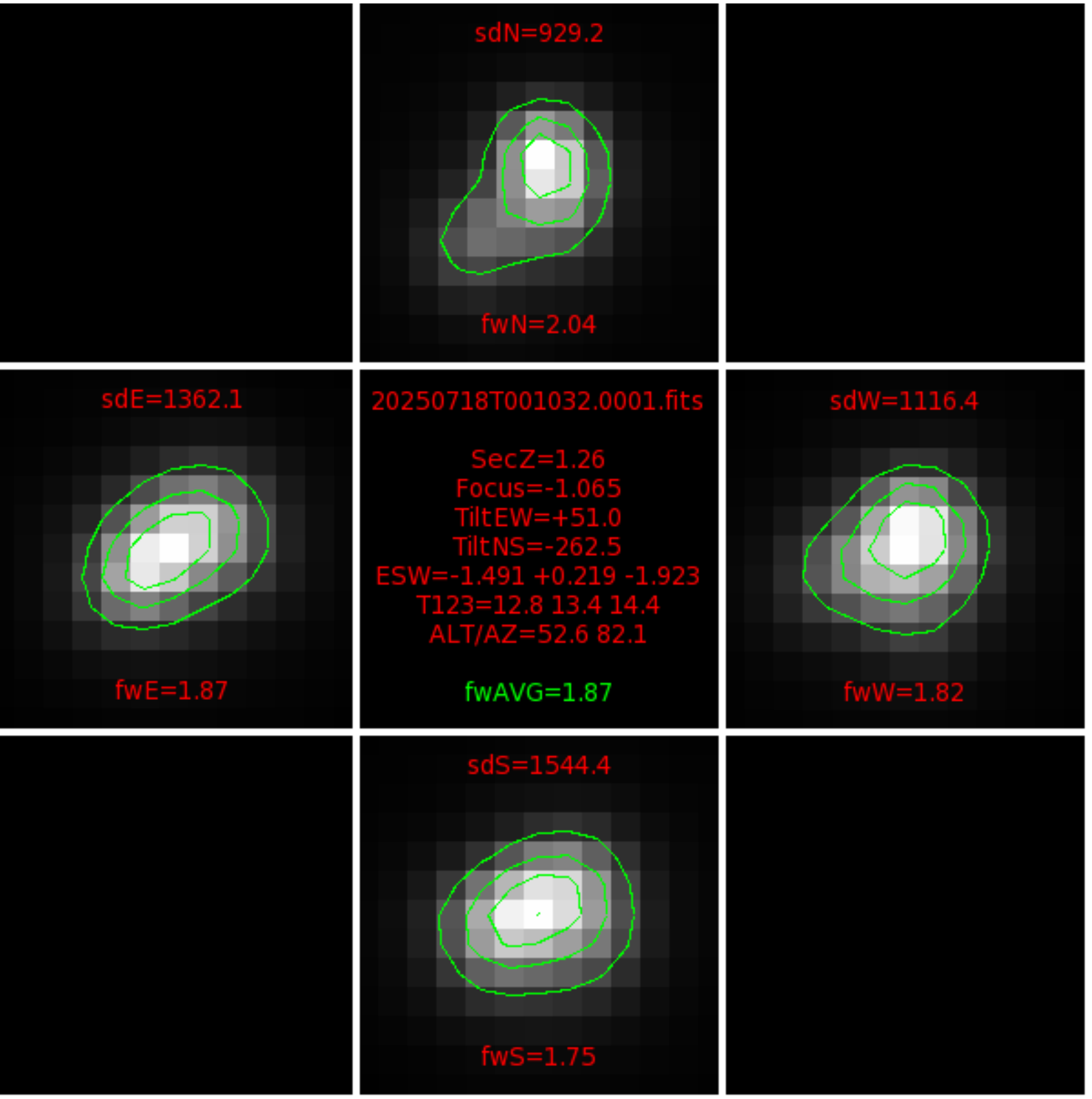
sdN=929.2
fwN=2.04
sdE=1362.1
fwE=1.87
20250718T001032.0001.fits
SecZ=1.26
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.4 14.4
ALT/AZ=52.6 82.1
fwAVG=1.87
sdW=1116.4
fwW=1.82
sdS=1544.4
fwS=1.75
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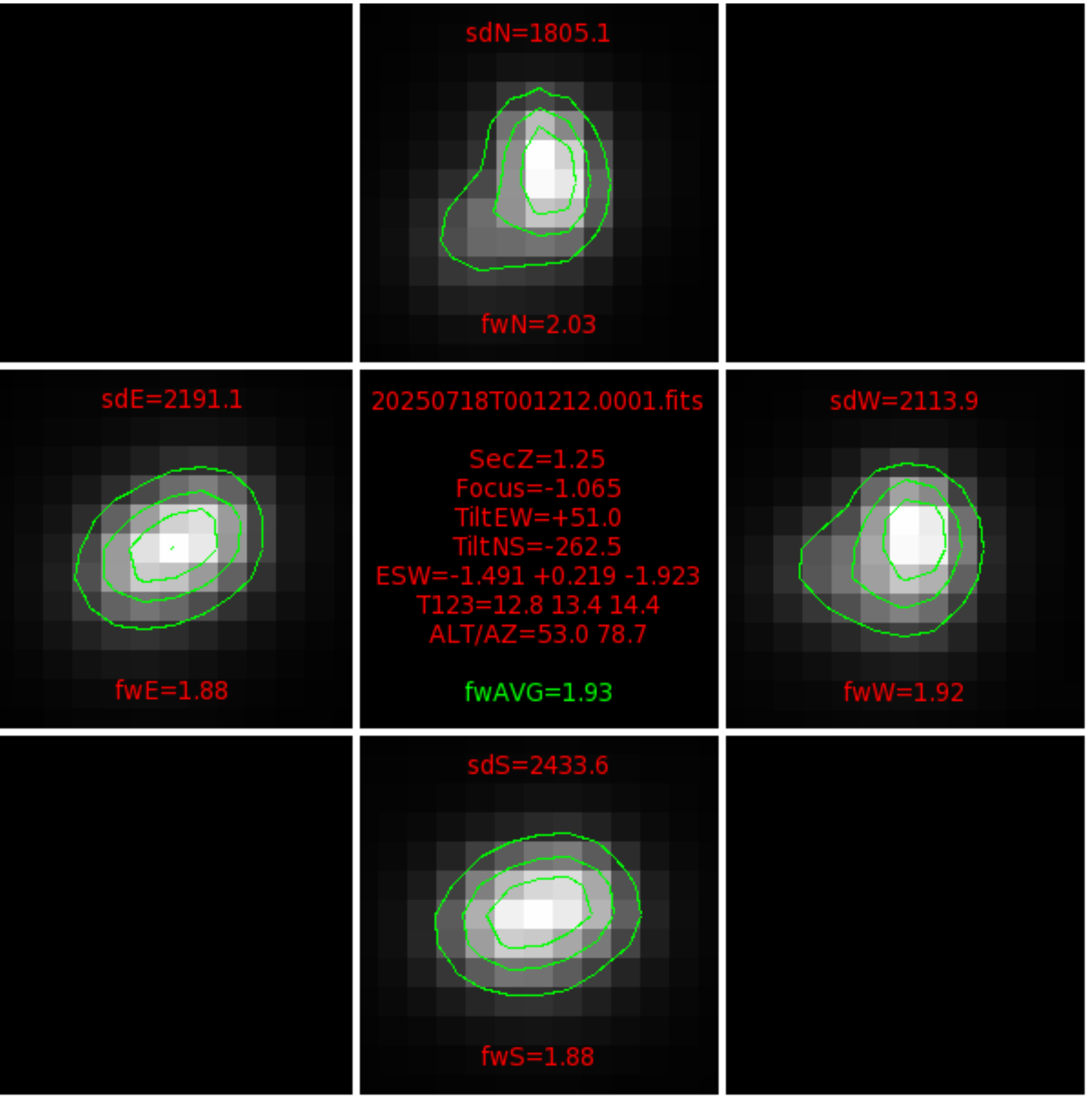
sdN=1805.1
fwN=2.03
sdE=2191.1
fwE=1.88
20250718T001212.0001.fits
SecZ=1.25
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.4 14.4
ALT/AZ=53.0 78.7
fwAVG=1.93
sdW=2113.9
fwW=1.92
sdS=2433.6
fwS=1.88
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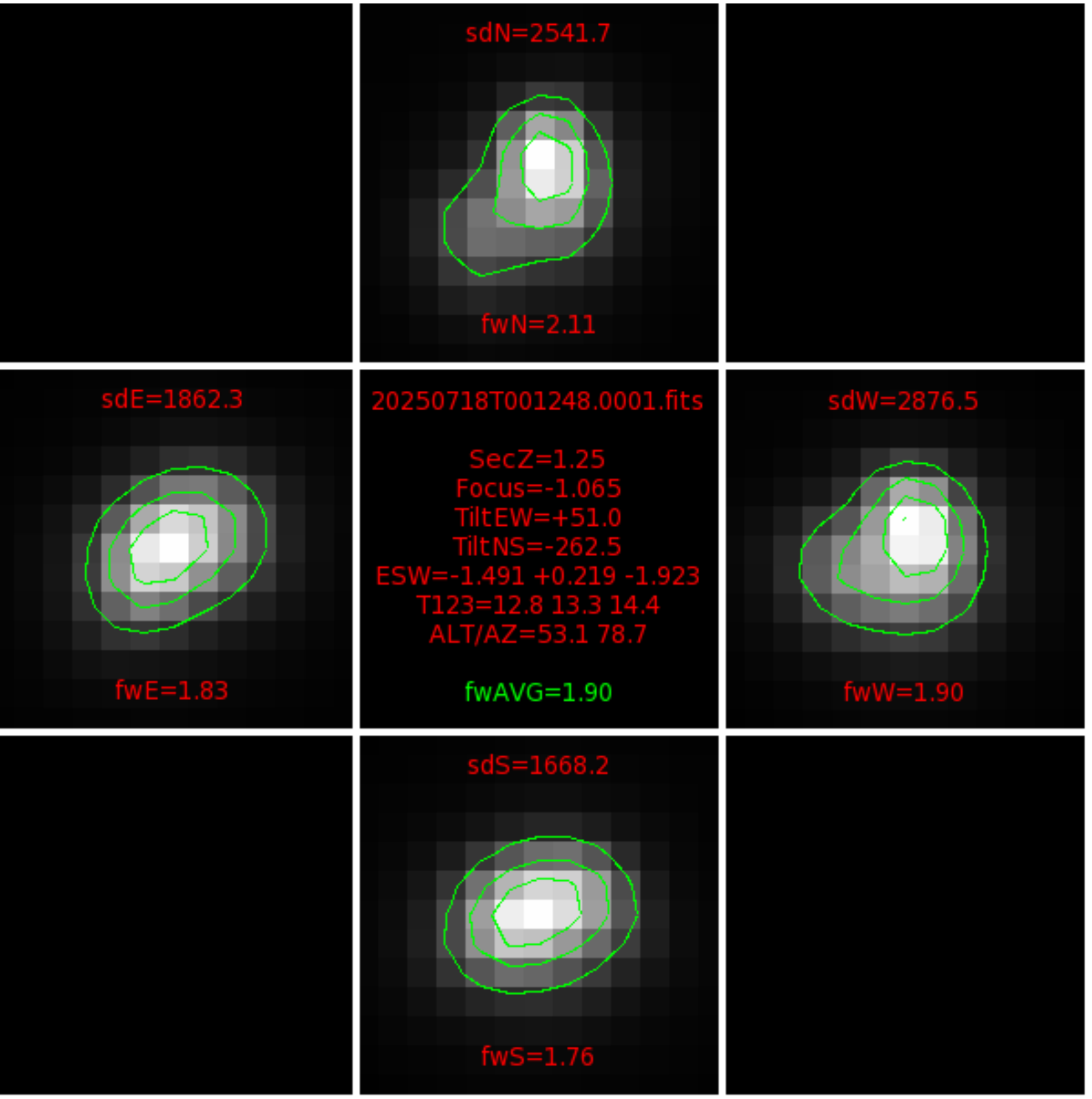
sdN=2541.7
fwN=2.11
sdE=1862.3
fwE=1.83
20250718T001248.0001.fits
SecZ=1.25
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.3 14.4
ALT/AZ=53.1 78.7
fwAVG=1.90
sdW=2876.5
fwW=1.90
sdS=1668.2
fwS=1.76
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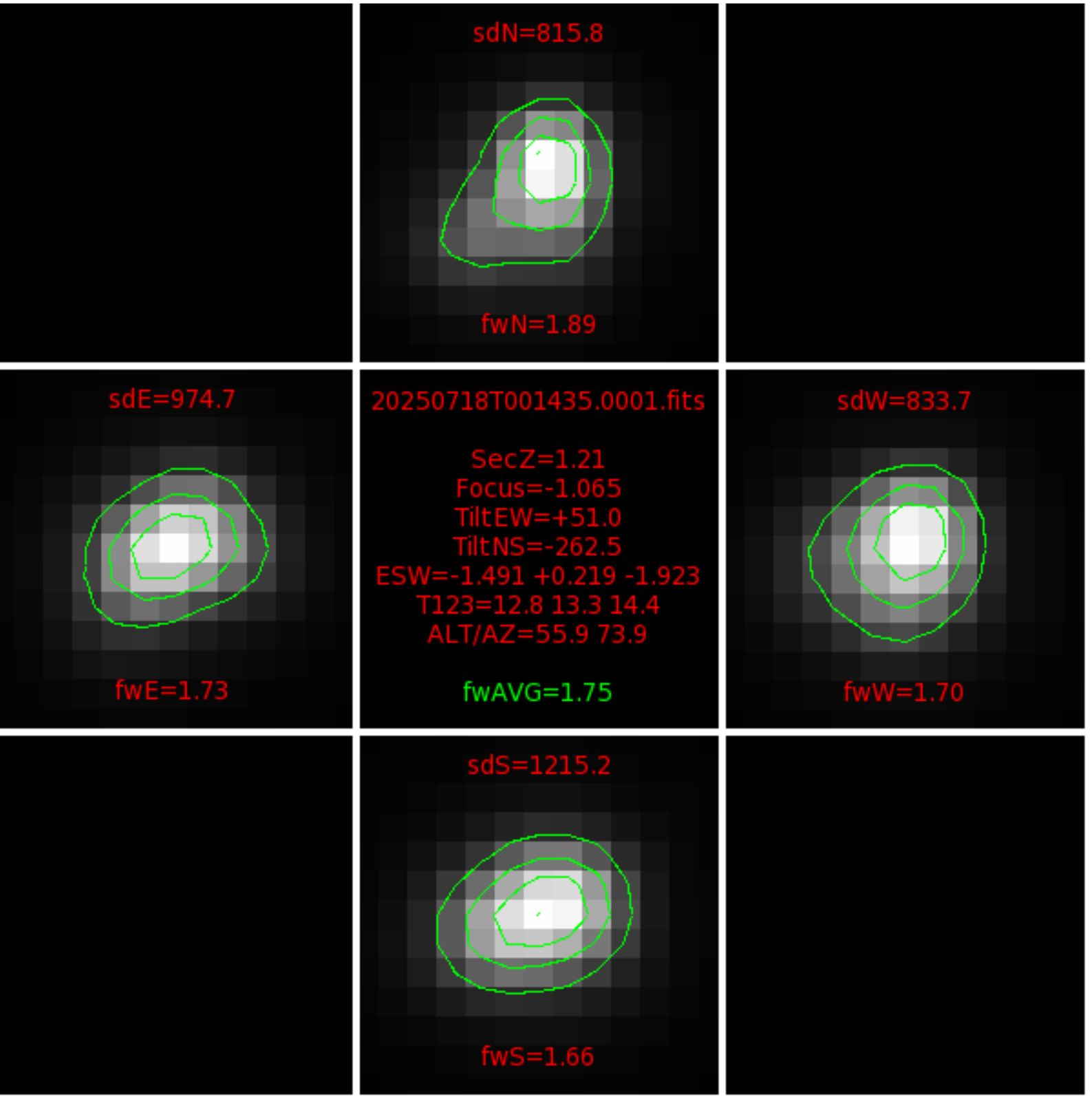
sdN=815.8
fwN=1.89
sdE=974.7
fwE=1.73
20250718T001435.0001.fits
SecZ=1.21
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.3 14.4
ALT/AZ=55.9 73.9
fwAVG=1.75
sdW=833.7
fwW=1.70
sdS=1215.2
fwS=1.66
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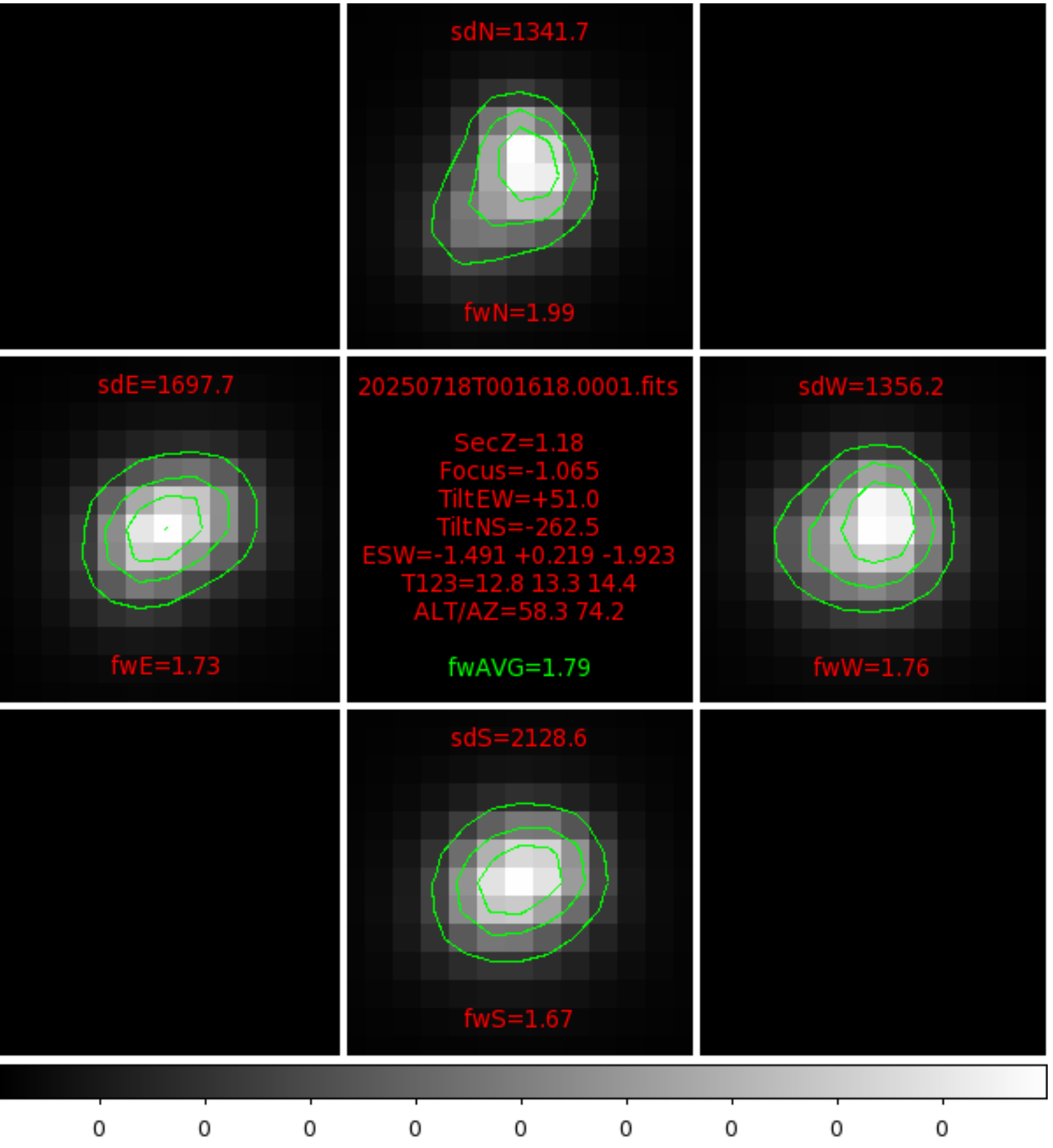
sdN=1341.7
fwN=1.99
sdE=1697.7
fwE=1.73
20250718T001618.0001.fits
SecZ=1.18
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.3 14.4
ALT/AZ=58.3 74.2
fwAVG=1.79
sdW=1356.2
fwW=1.76
sdS=2128.6
fwS=1.67
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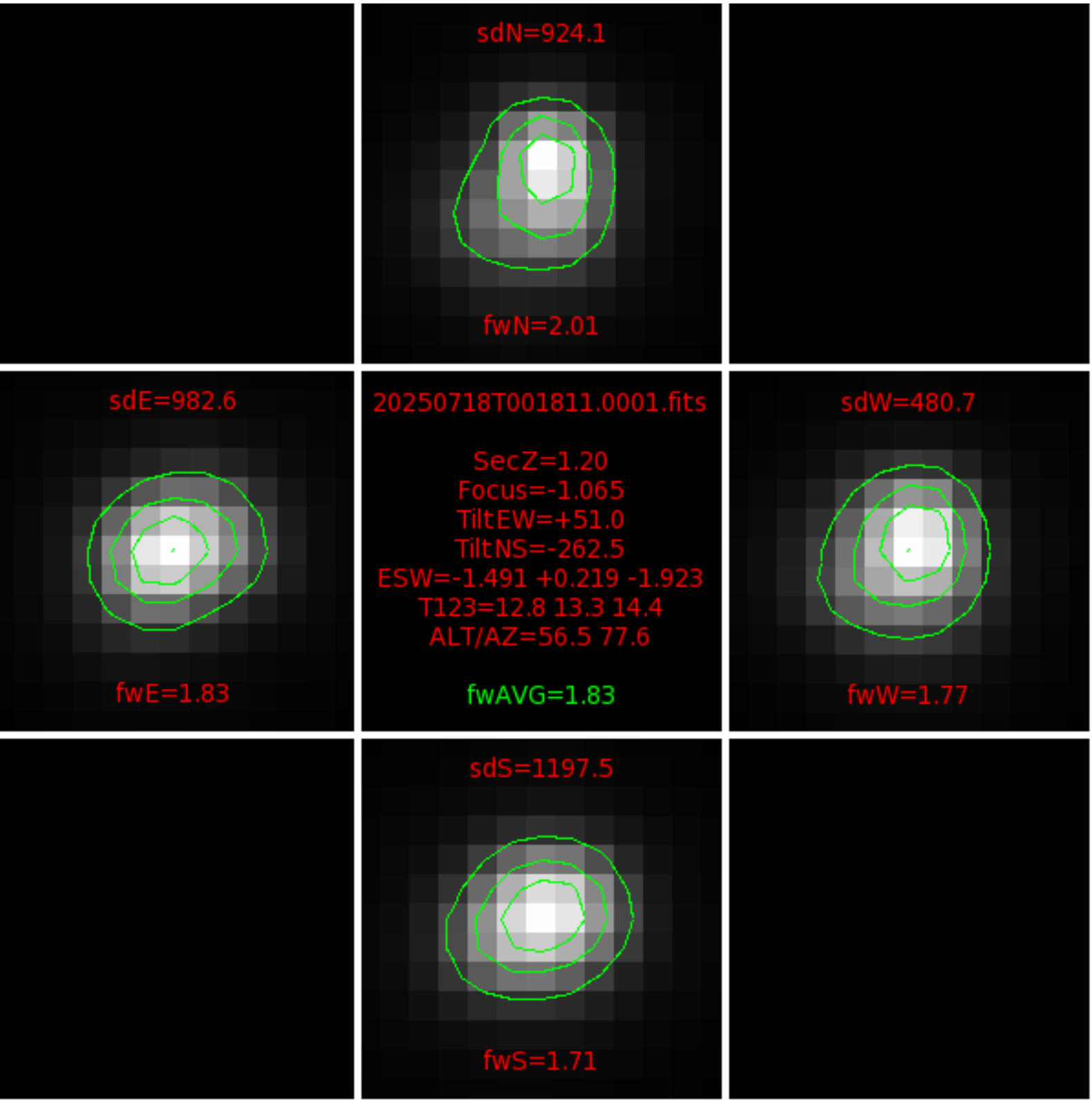
sdN=924.1
fwN=2.01
sdE=982.6
fwE=1.83
20250718T001811.0001.fits
SecZ=1.20
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.3 14.4
ALT/AZ=56.5 77.6
fwAVG=1.83
sdW=480.7
fwW=1.77
sdS=1197.5
fwS=1.71
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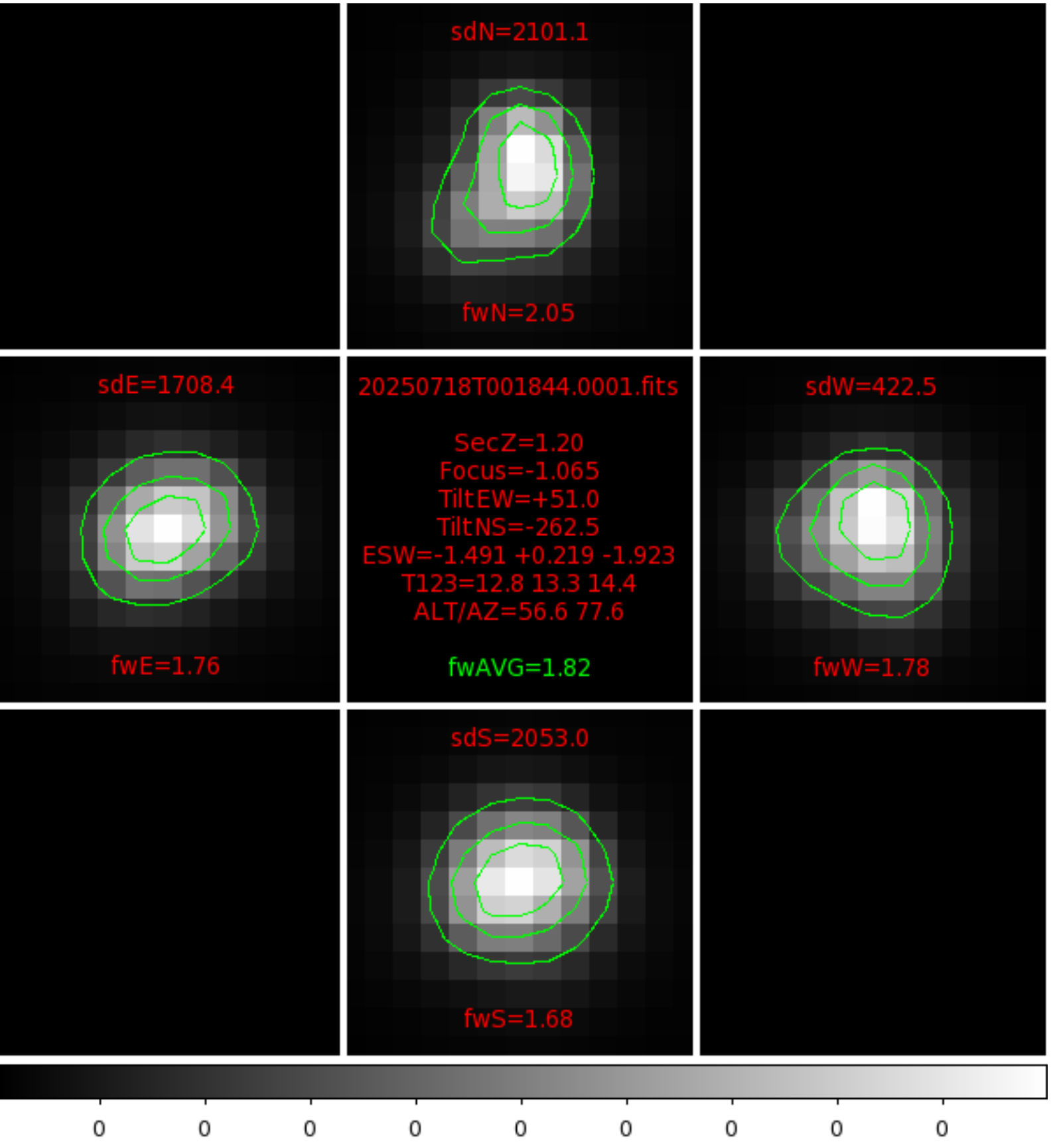
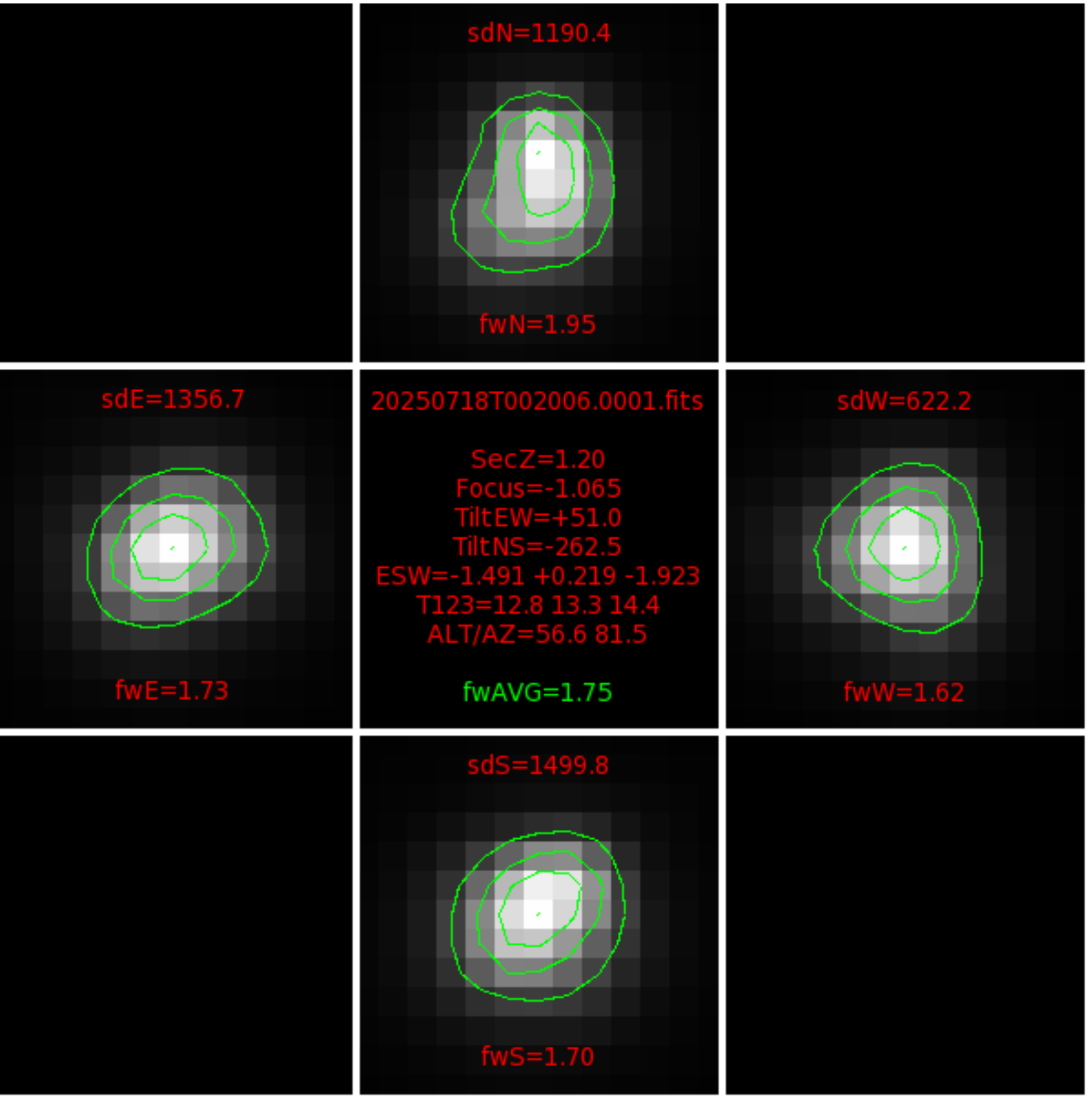

sdN=2101.1
fwN=2.05
sdE=1708.4
fwE=1.76
20250718T001844.0001.fits
SecZ=1.20
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.3 14.4
ALT/AZ=56.6 77.6
fwAVG=1.82
sdW=422.5
fwW=1.78
sdS=2053.0
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=1190.4
fwN=1.95
sdE=1356.7
fwE=1.73
20250718T002006.0001.fits
SecZ=1.20
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.3 14.4
ALT/AZ=56.6 81.5
fwAVG=1.75
sdW=622.2
fwW=1.62
sdS=1499.8
fwS=1.70
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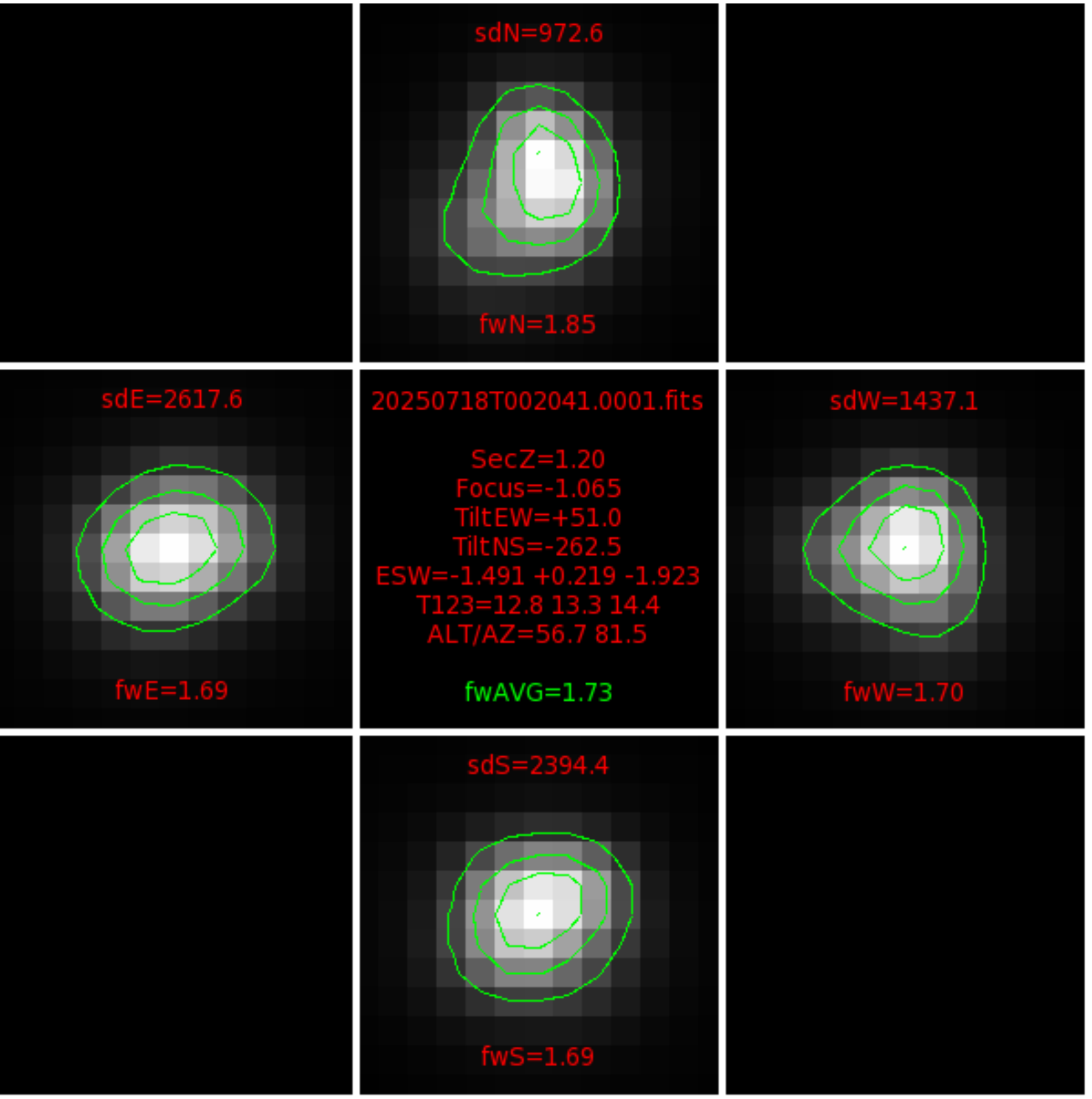
sdN=972.6
fwN=1.85
sdE=2617.6
fwE=1.69
20250718T002041.0001.fits
SecZ=1.20
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.3 14.4
ALT/AZ=56.7 81.5
fwAVG=1.73
sdW=1437.1
fwW=1.70
sdS=2394.4
fwS=1.69
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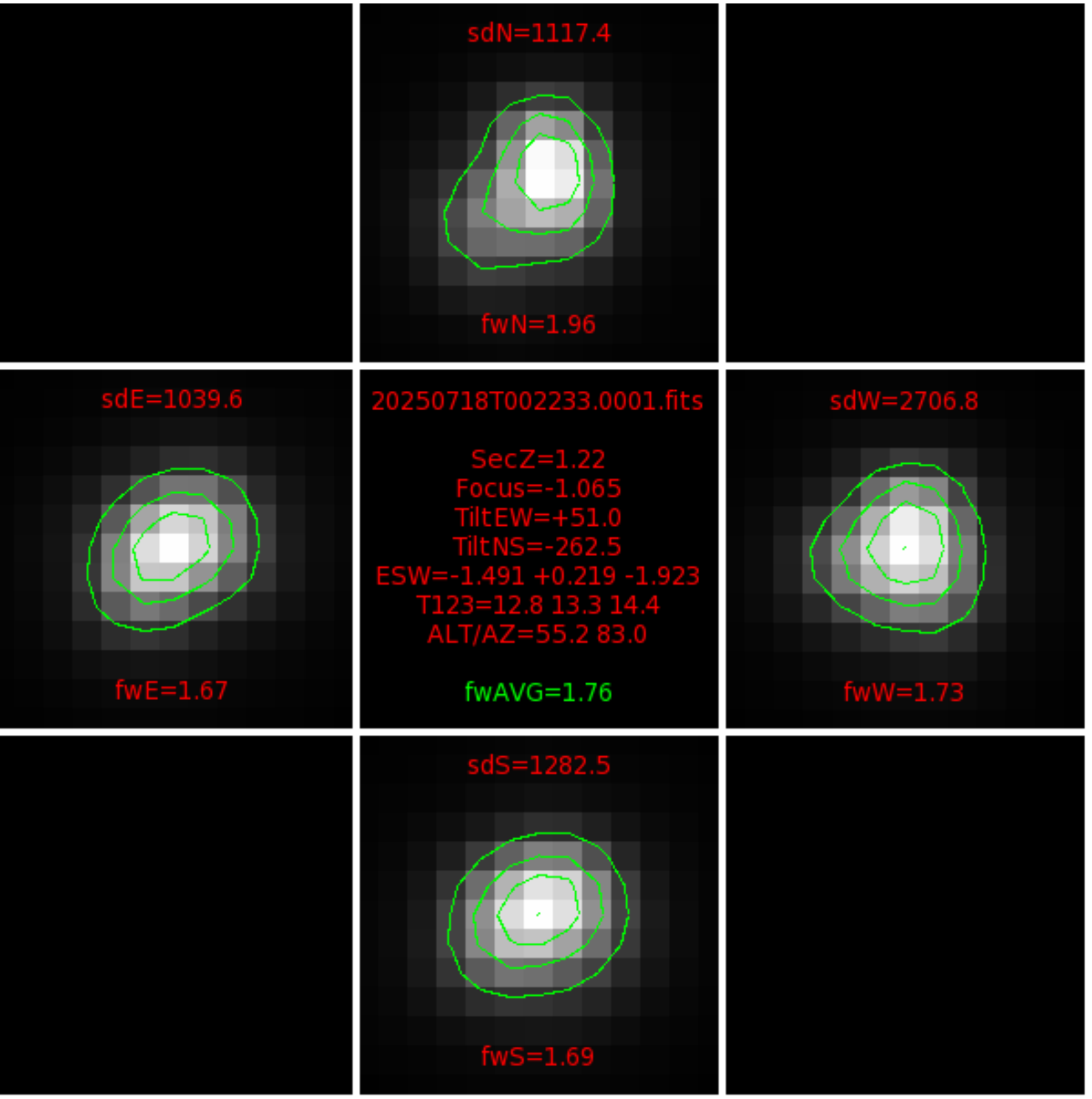
sdN=1117.4
fwN=1.96
sdE=1039.6
fwE=1.67
20250718T002233.0001.fits
SecZ=1.22
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.3 14.4
ALT/AZ=55.2 83.0
fwAVG=1.76
sdW=2706.8
fwW=1.73
sdS=1282.5
fwS=1.69
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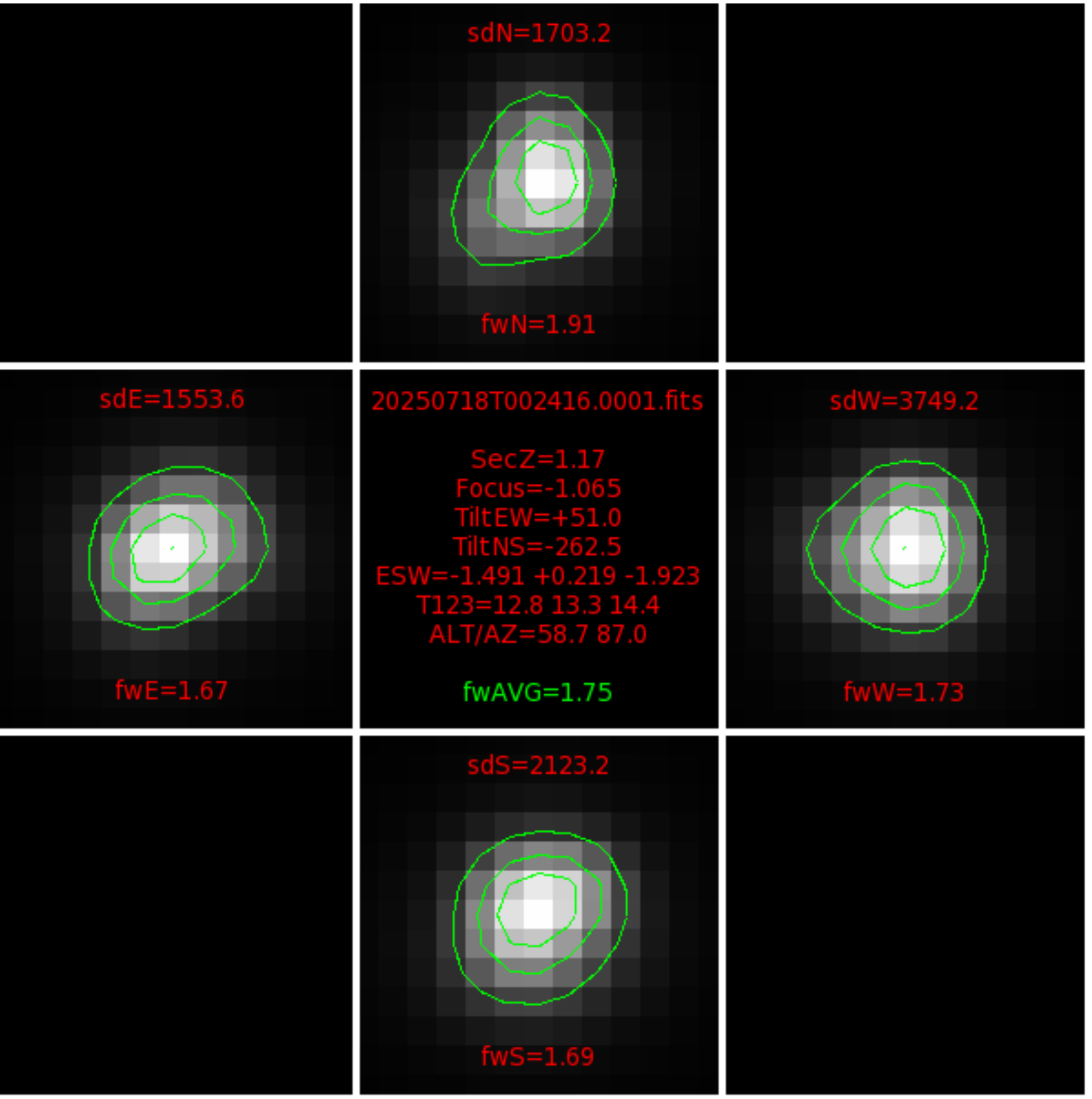
sdN=1703.2
fwN=1.91
sdE=1553.6
fwE=1.67
20250718T002416.0001.fits
SecZ=1.17
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.8 13.3 14.4
ALT/AZ=58.7 87.0
fwAVG=1.75
sdW=3749.2
fwW=1.73
sdS=2123.2
fwS=1.69
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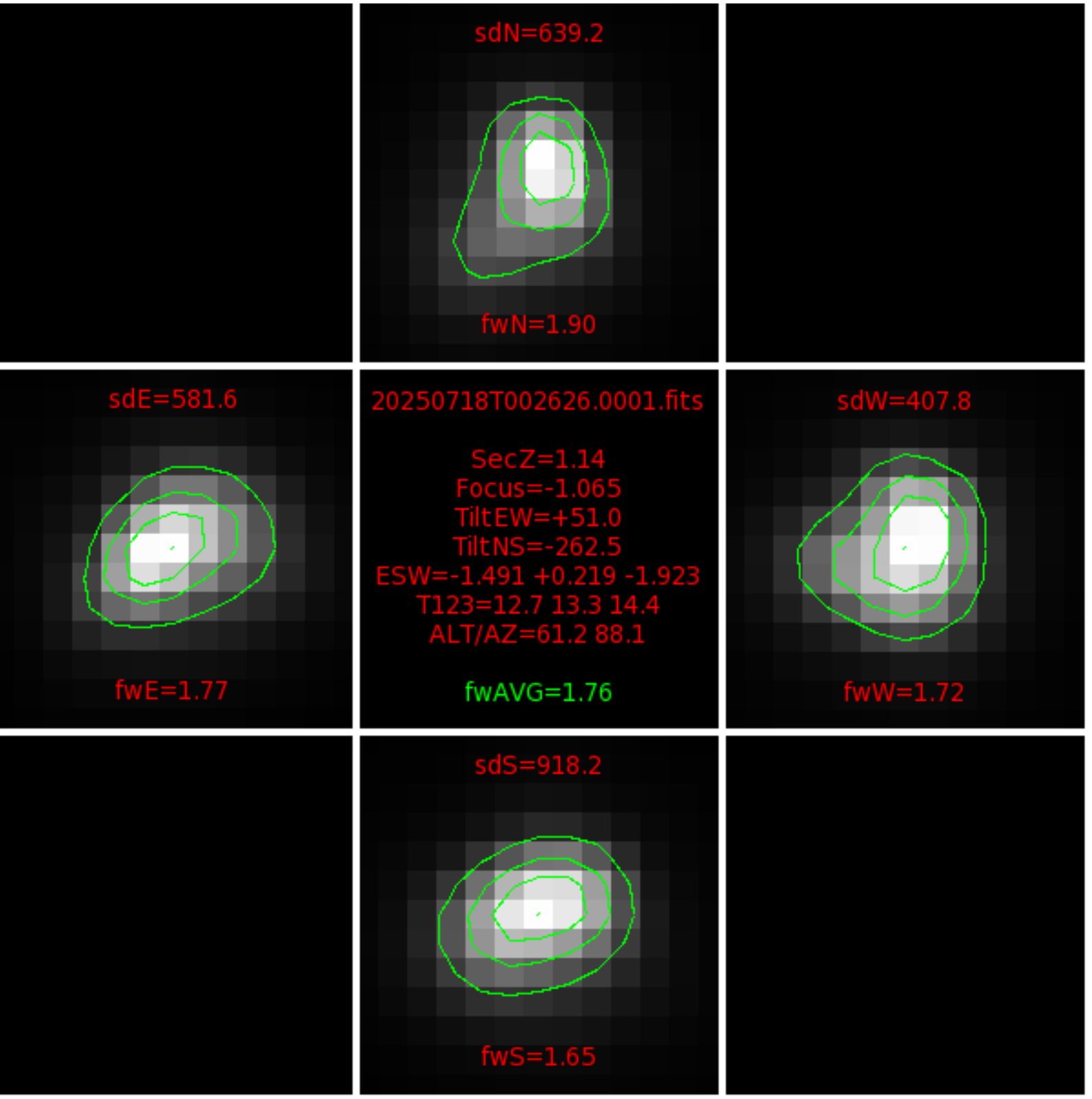
sdN=639.2
fwN=1.90
sdE=581.6
fwE=1.77
20250718T002626.0001.fits
SecZ=1.14
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.7 13.3 14.4
ALT/AZ=61.2 88.1
fwAVG=1.76
sdW=407.8
fwW=1.72
sdS=918.2
fwS=1.65
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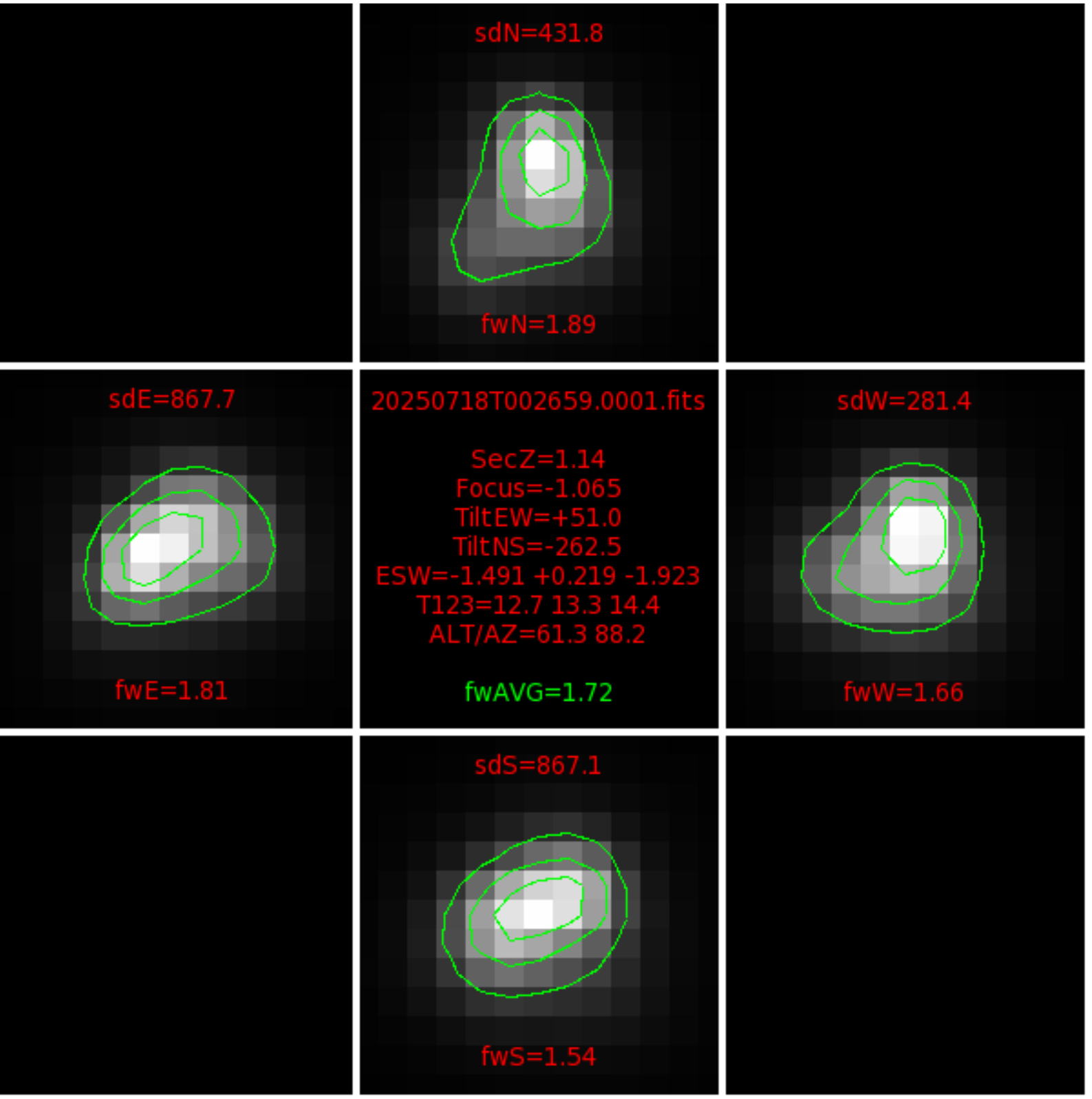
sdN=431.8
fwN=1.89
sdE=867.7
fwE=1.81
20250718T002659.0001.fits
SecZ=1.14
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.7 13.3 14.4
ALT/AZ=61.3 88.2
fwAVG=1.72
sdW=281.4
fwW=1.66
sdS=867.1
fwS=1.54
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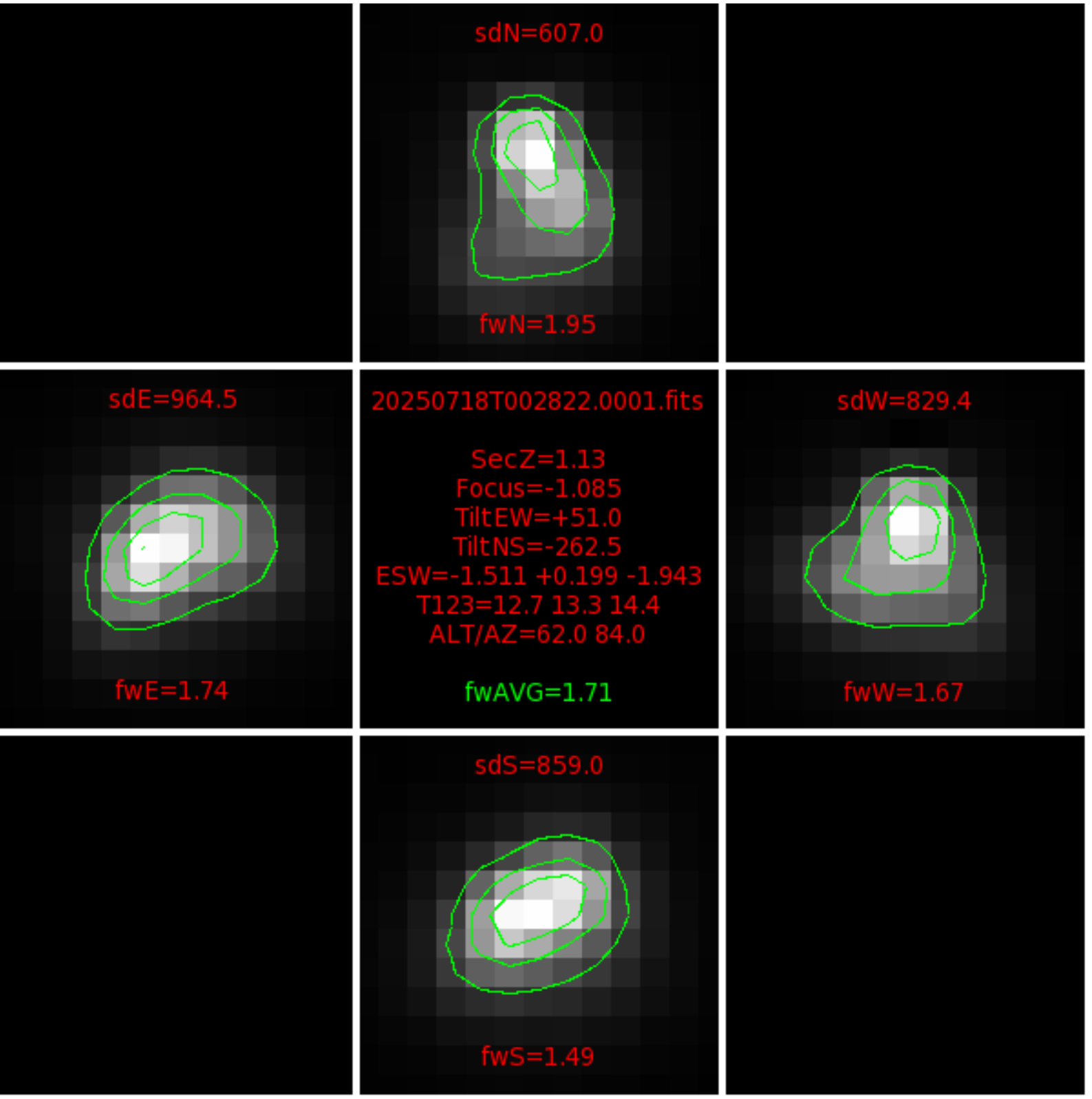
sdN=607.0
fwN=1.95
sdE=964.5
fwE=1.74
20250718T002822.0001.fits
SecZ=1.13
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.7 13.3 14.4
ALT/AZ=62.0 84.0
fwAVG=1.71
sdW=829.4
fwW=1.67
sdS=859.0
fwS=1.49
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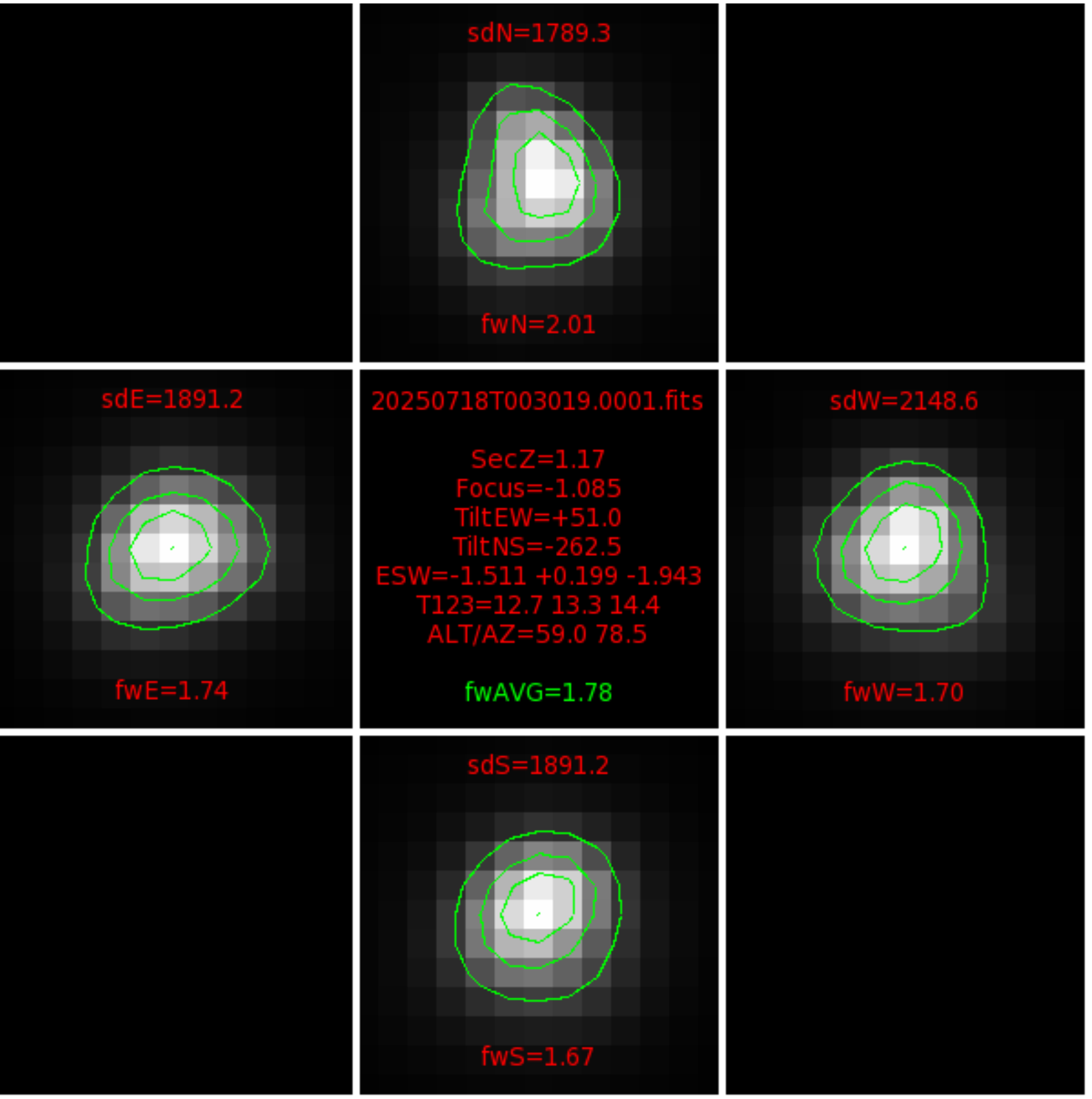
sdN=1789.3
fwN=2.01
sdE=1891.2
fwE=1.74
20250718T003019.0001.fits
SecZ=1.17
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.7 13.3 14.4
ALT/AZ=59.0 78.5
fwAVG=1.78
sdW=2148.6
fwW=1.70
sdS=1891.2
fwS=1.67
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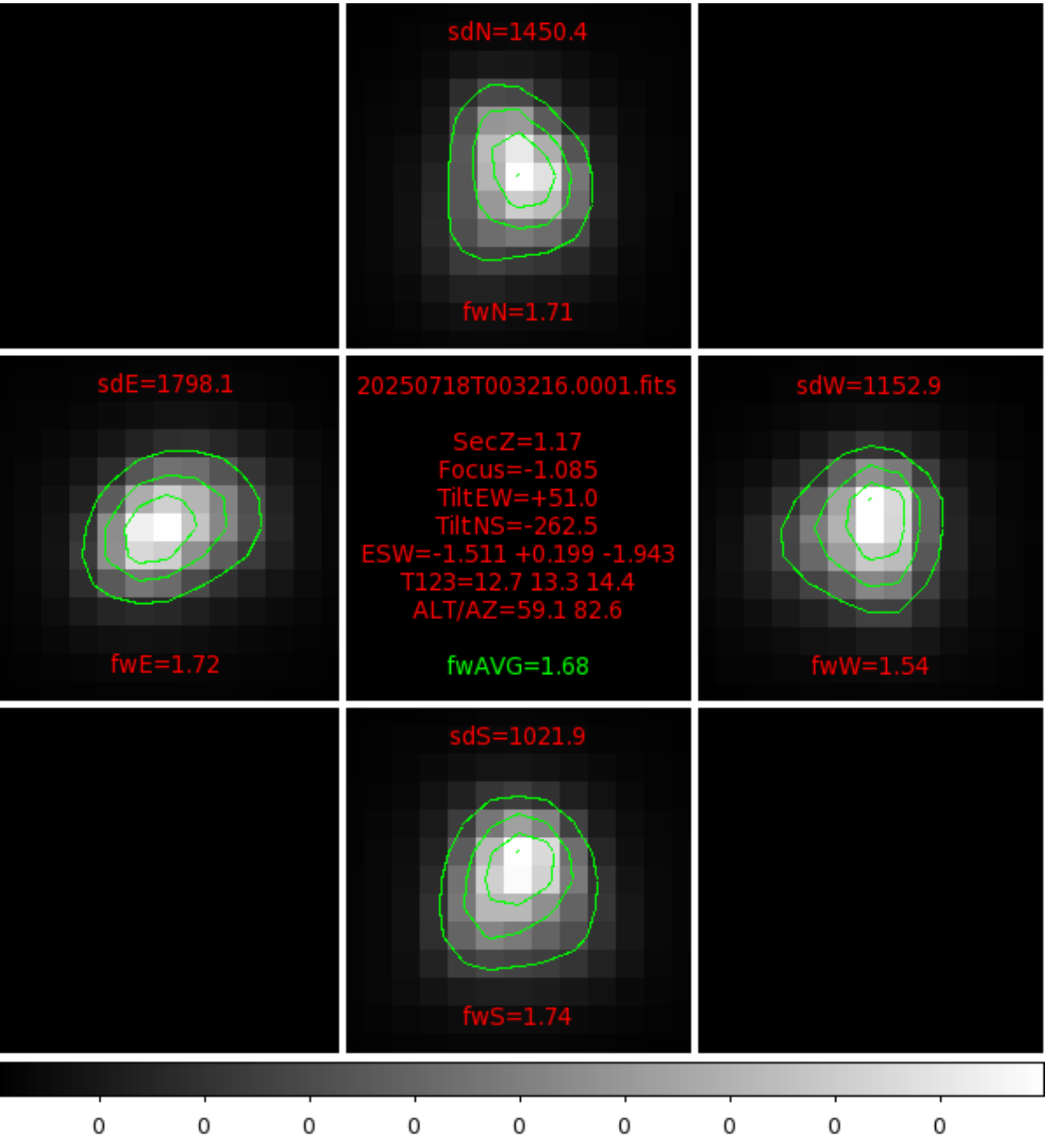
sdN=1450.4
fwN=1.71
sdE=1798.1
fwE=1.72
20250718T003216.0001.fits
SecZ=1.17
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.7 13.3 14.4
ALT/AZ=59.1 82.6
fwAVG=1.68
sdW=1152.9
fwW=1.54
sdS=1021.9
fwS=1.74
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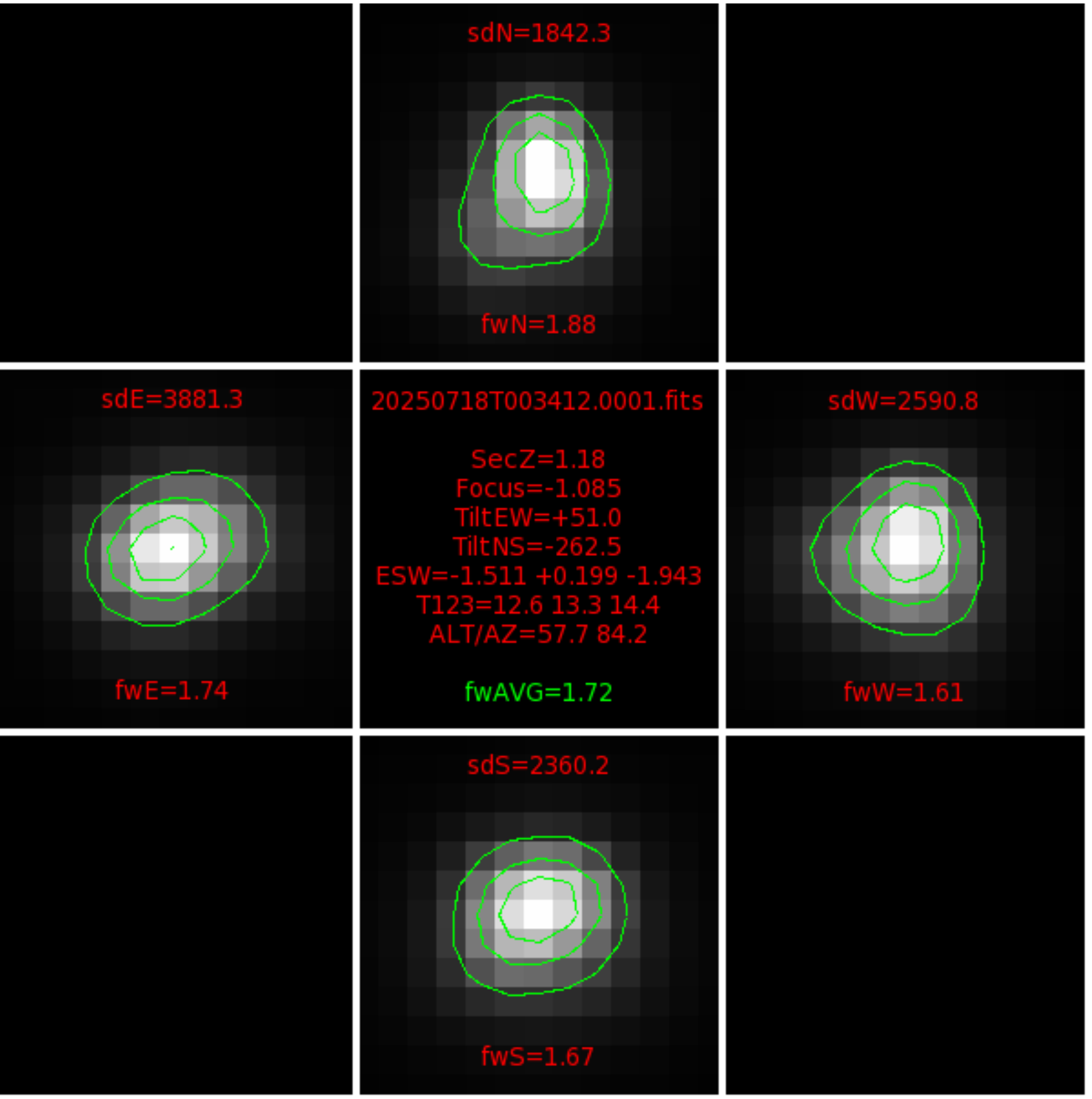
sdN=1842.3
fwN=1.88
sdE=3881.3
fwE=1.74
20250718T003412.0001.fits
SecZ=1.18
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.6 13.3 14.4
ALT/AZ=57.7 84.2
fwAVG=1.72
sdW=2590.8
fwW=1.61
sdS=2360.2
fwS=1.67
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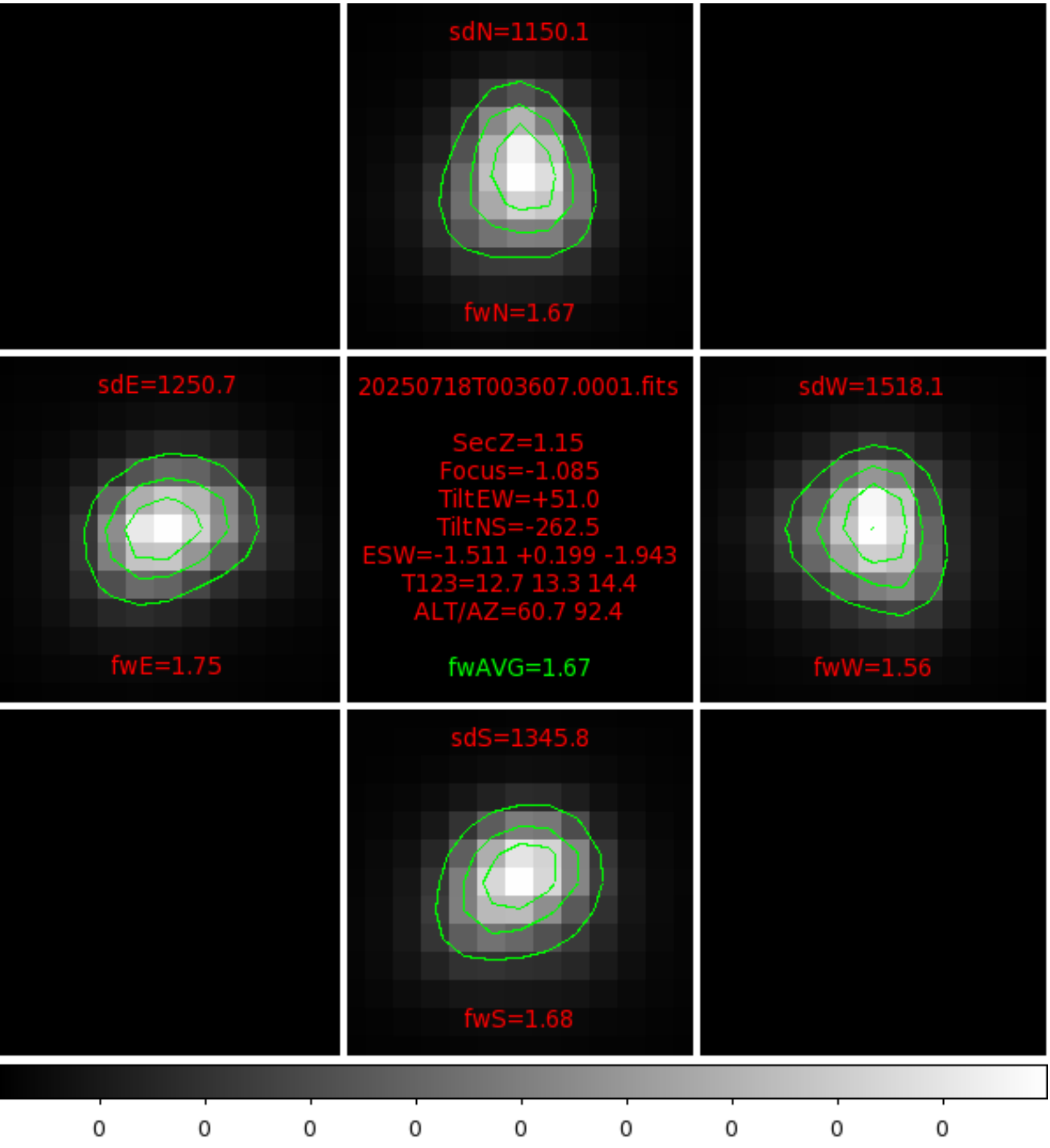
sdN=1150.1
fwN=1.67
sdE=1250.7
fwE=1.75
20250718T003607.0001.fits
SecZ=1.15
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.7 13.3 14.4
ALT/AZ=60.7 92.4
fwAVG=1.67
sdW=1518.1
fwW=1.56
sdS=1345.8
fwS=1.68
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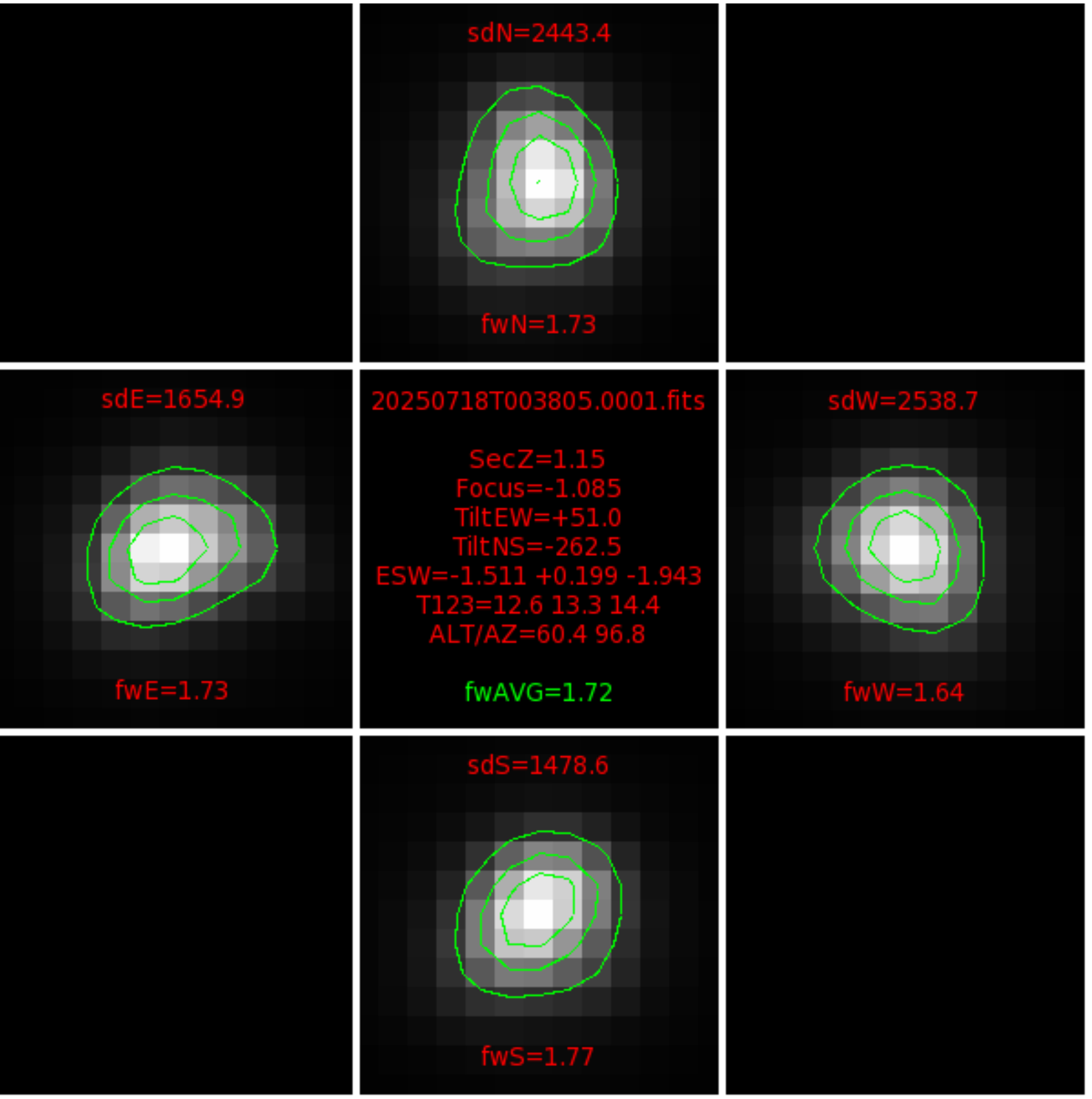
sdN=2443.4
fwN=1.73
sdE=1654.9
fwE=1.73
20250718T003805.0001.fits
SecZ=1.15
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.6 13.3 14.4
ALT/AZ=60.4 96.8
fwAVG=1.72
sdW=2538.7
fwW=1.64
sdS=1478.6
fwS=1.77
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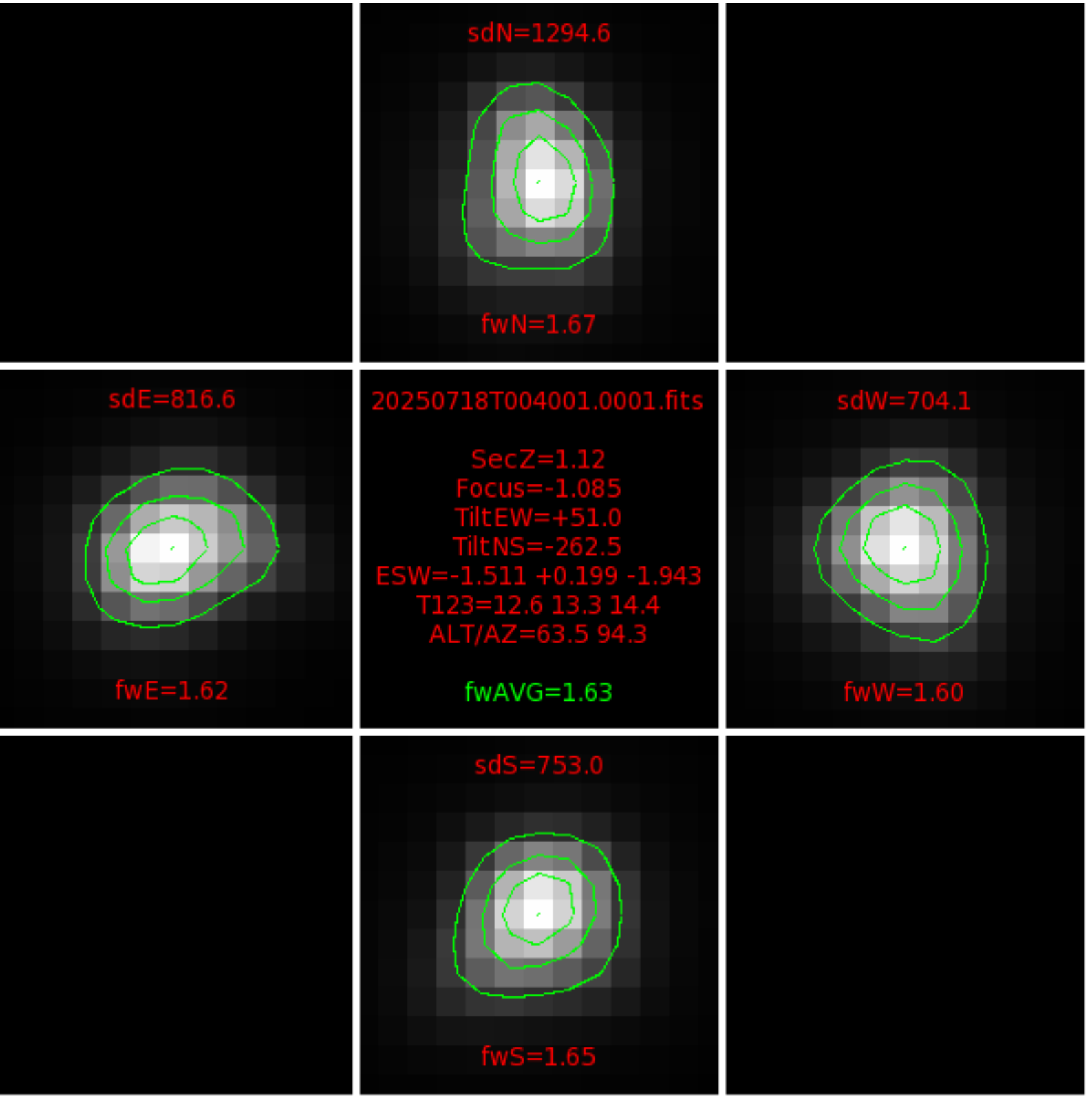
sdN=1294.6
fwN=1.67
sdE=816.6
fwE=1.62
20250718T004001.0001.fits
SecZ=1.12
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.6 13.3 14.4
ALT/AZ=63.5 94.3
fwAVG=1.63
sdW=704.1
fwW=1.60
sdS=753.0
fwS=1.65
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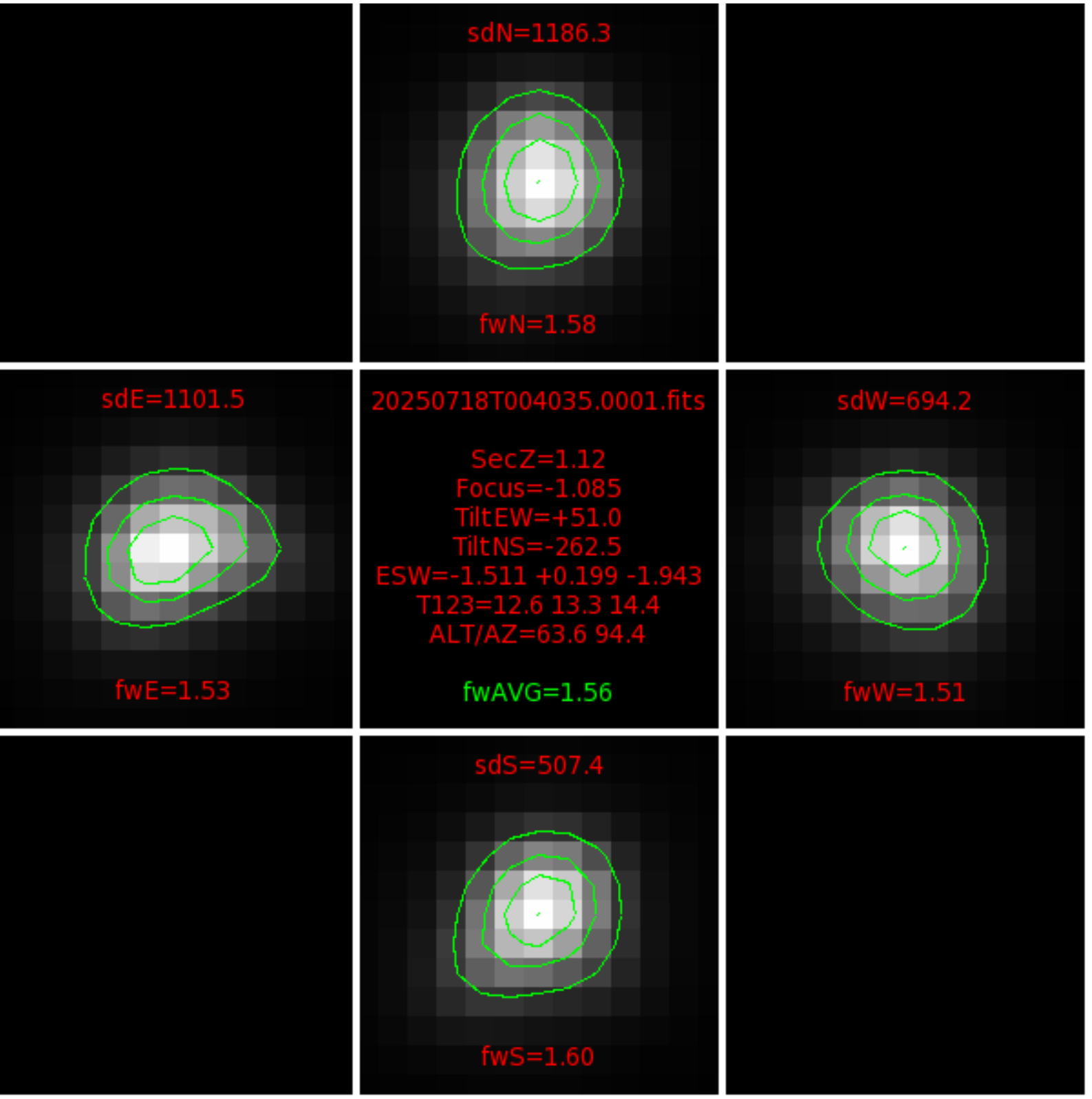
sdN=1186.3
fwN=1.58
sdE=1101.5
fwE=1.53
20250718T004035.0001.fits
SecZ=1.12
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.6 13.3 14.4
ALT/AZ=63.6 94.4
fwAVG=1.56
sdW=694.2
fwW=1.51
sdS=507.4
fwS=1.60
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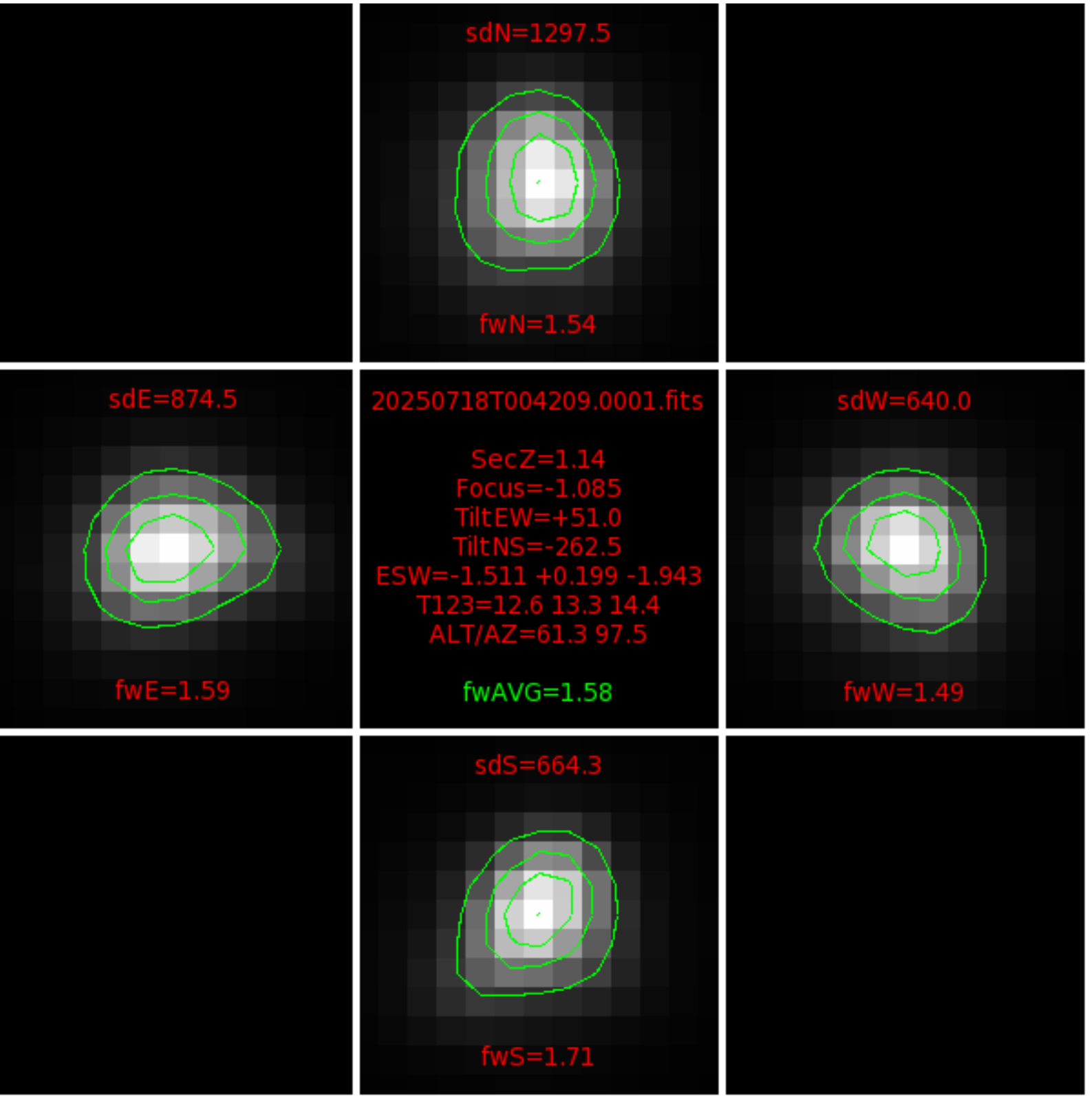
sdN=1297.5
fwN=1.54
sdE=874.5
fwE=1.59
20250718T004209.0001.fits
SecZ=1.14
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.6 13.3 14.4
ALT/AZ=61.3 97.5
fwAVG=1.58
sdW=640.0
fwW=1.49
sdS=664.3
fwS=1.71
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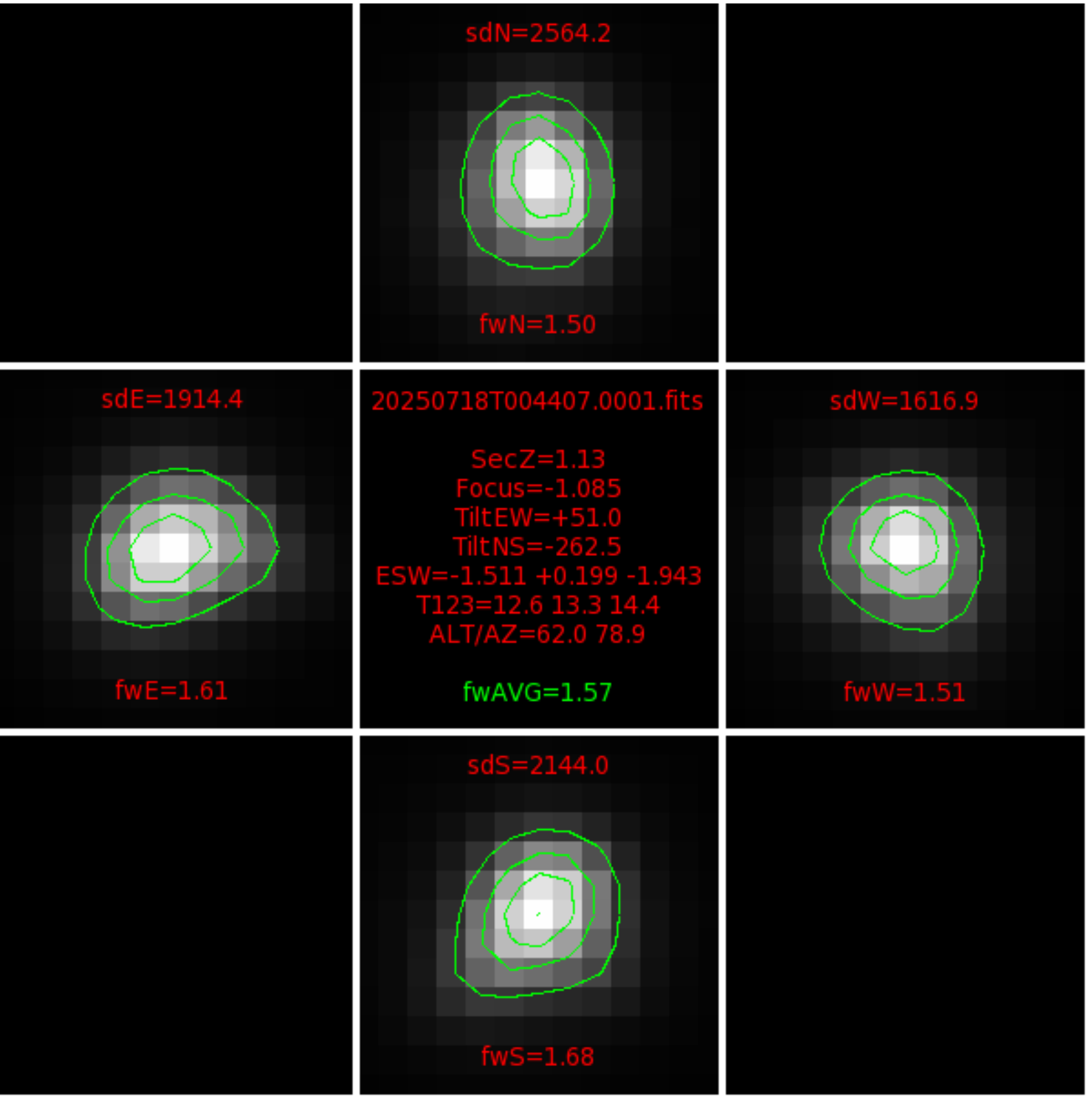
sdN=2564.2
fwN=1.50
sdE=1914.4
fwE=1.61
20250718T004407.0001.fits
SecZ=1.13
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.6 13.3 14.4
ALT/AZ=62.0 78.9
fwAVG=1.57
sdW=1616.9
fwW=1.51
sdS=2144.0
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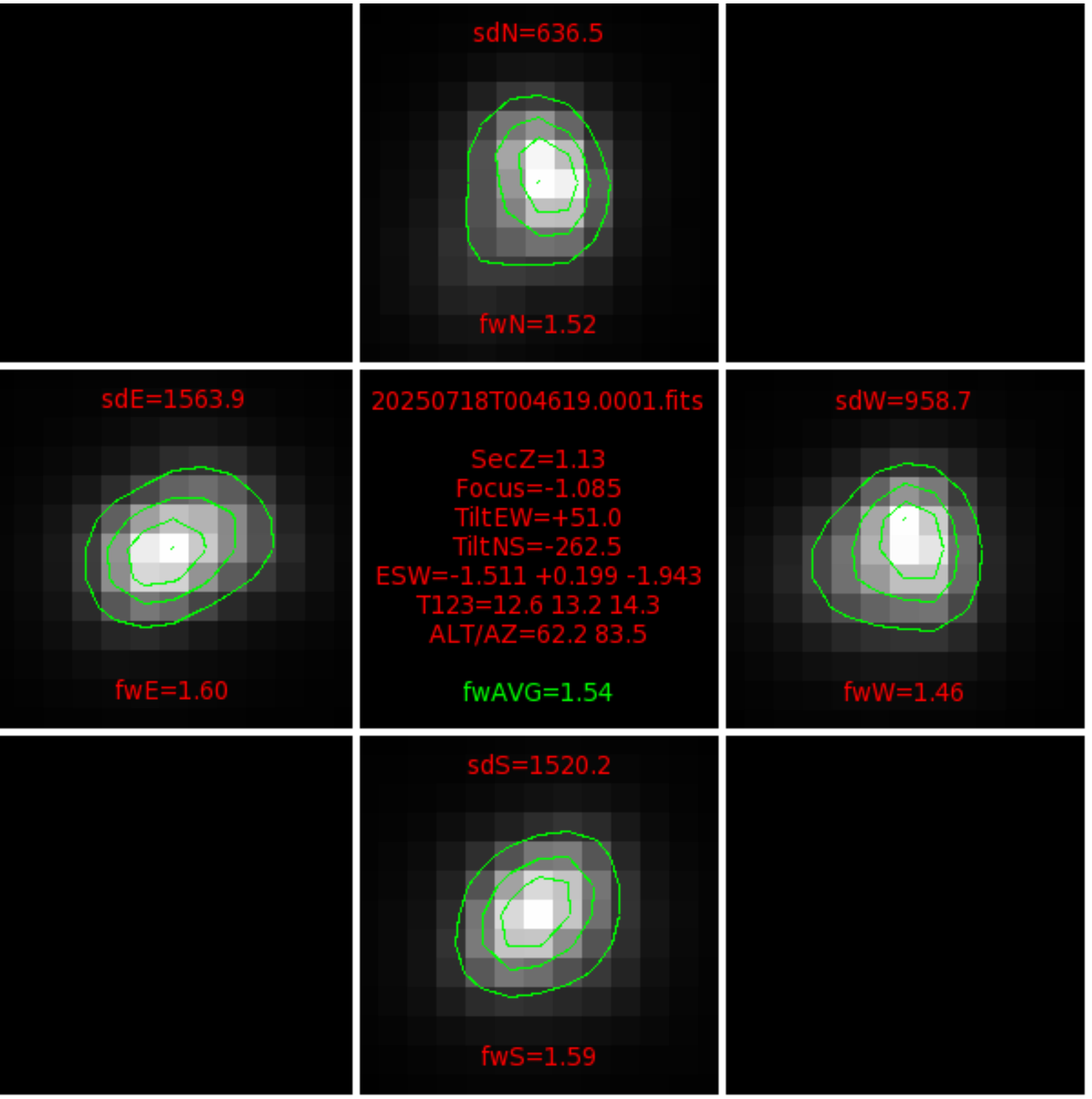
sdN=636.5
fwN=1.52
sdE=1563.9
fwE=1.60
20250718T004619.0001.fits
SecZ=1.13
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.6 13.2 14.3
ALT/AZ=62.2 83.5
fwAVG=1.54
sdW=958.7
fwW=1.46
sdS=1520.2
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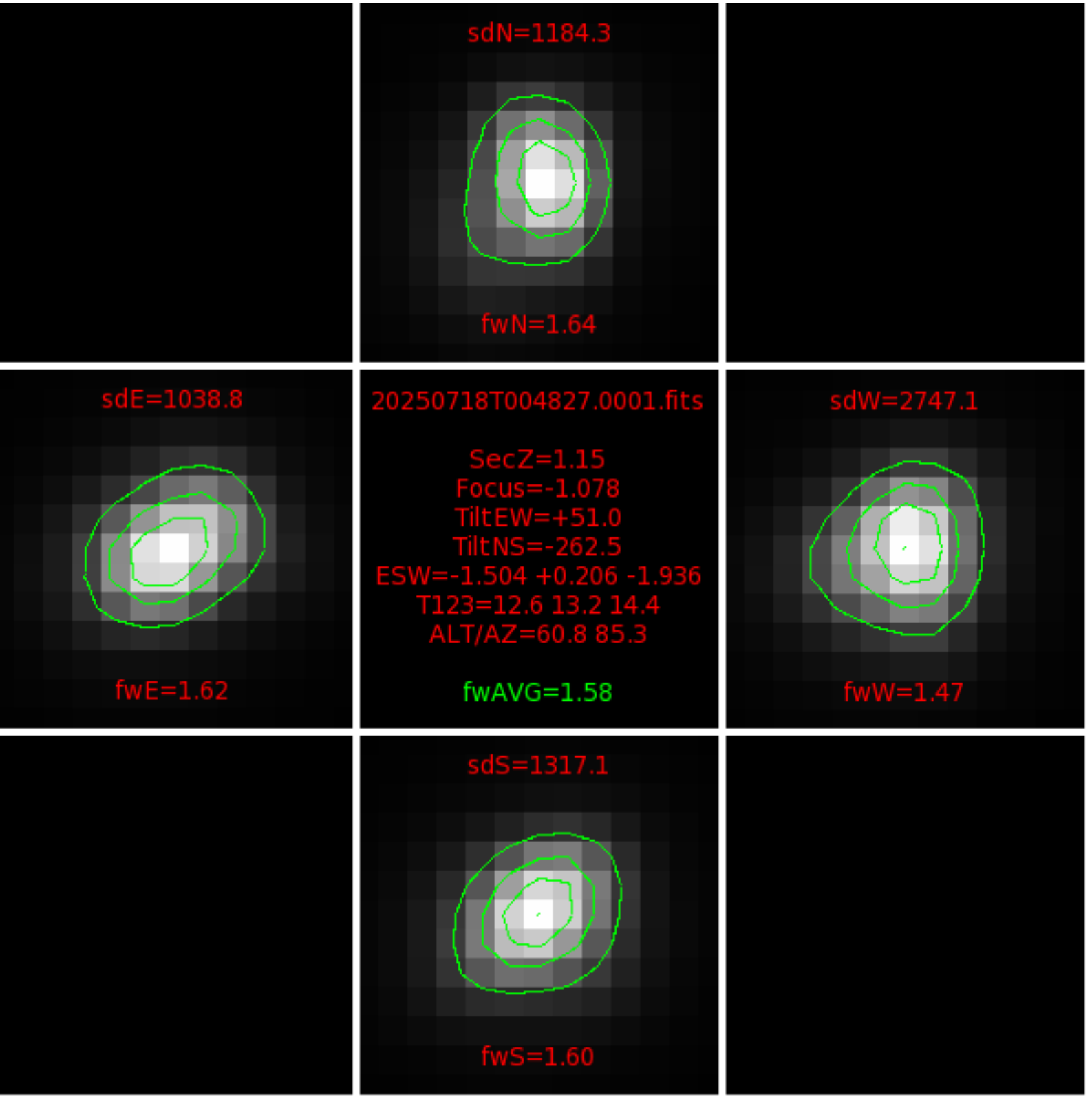
sdN=1184.3
fwN=1.64
sdE=1038.8
fwE=1.62
20250718T004827.0001.fits
SecZ=1.15
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.6 13.2 14.4
ALT/AZ=60.8 85.3
fwAVG=1.58
sdW=2747.1
fwW=1.47
sdS=1317.1
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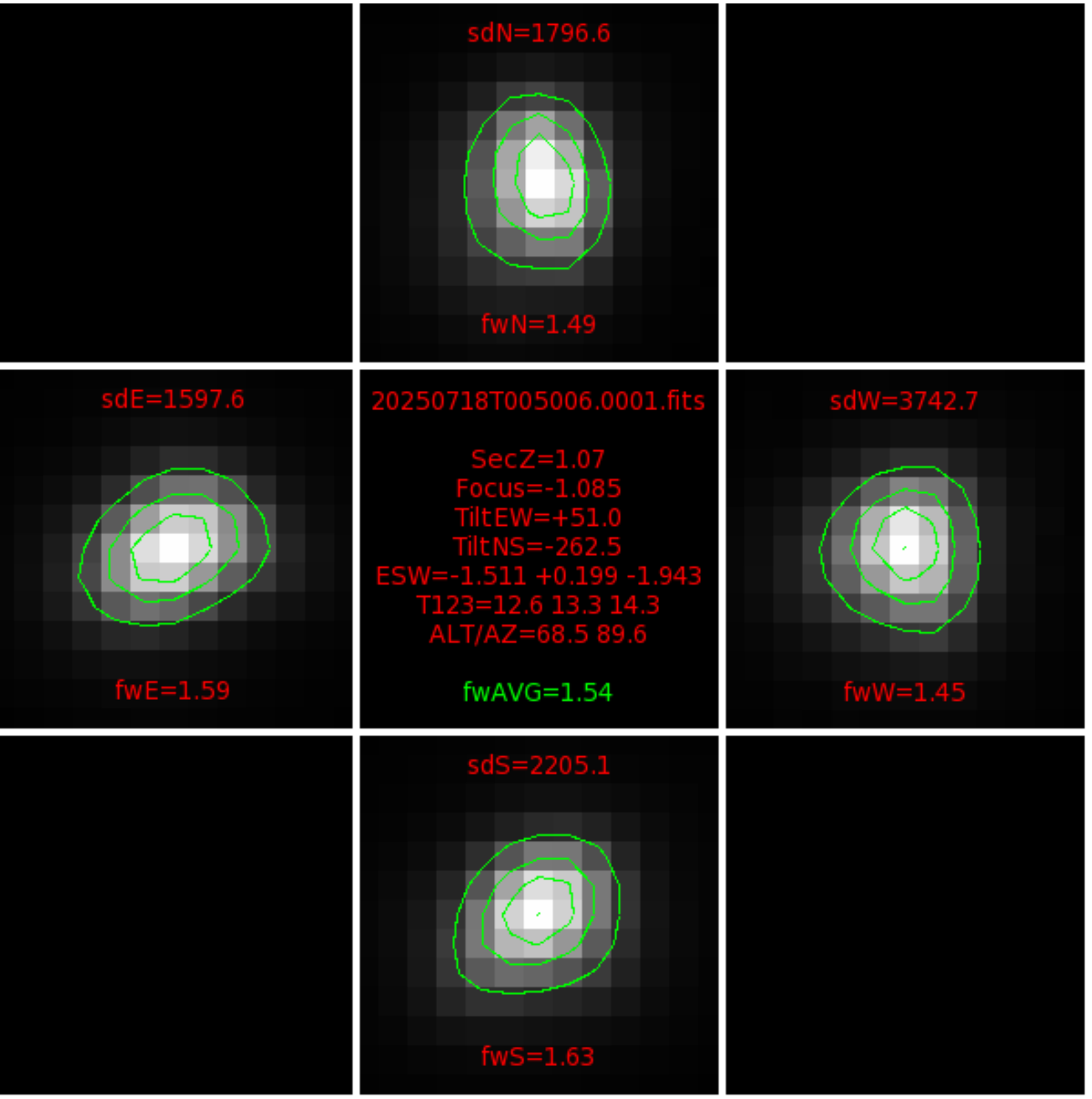
sdN=1796.6
fwN=1.49
sdE=1597.6
fwE=1.59
20250718T005006.0001.fits
SecZ=1.07
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.6 13.3 14.3
ALT/AZ=68.5 89.6
fwAVG=1.54
sdW=3742.7
fwW=1.45
sdS=2205.1
fwS=1.63
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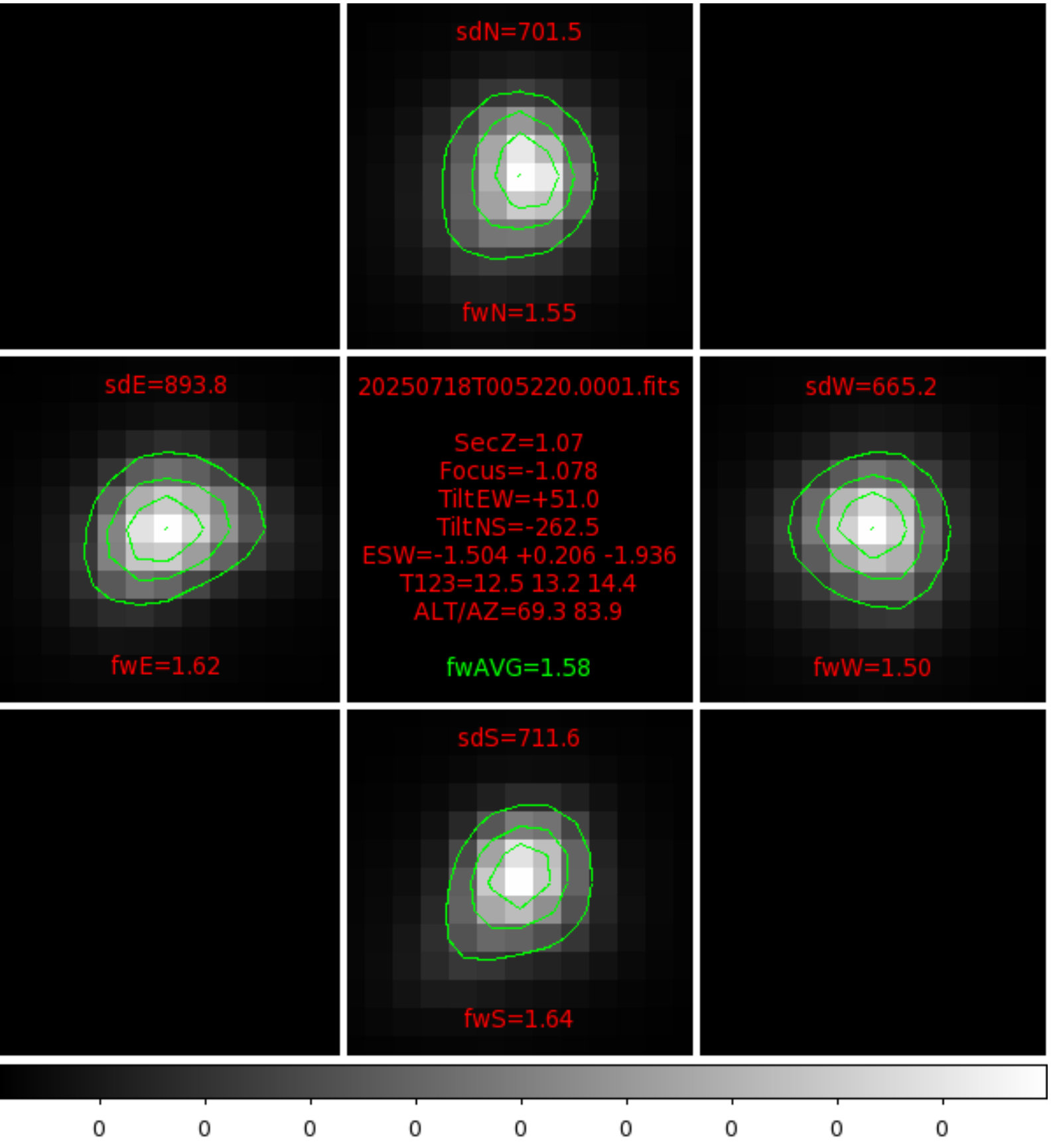
sdN=701.5
fwN=1.55
sdE=893.8
fwE=1.62
20250718T005220.0001.fits
SecZ=1.07
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.5 13.2 14.4
ALT/AZ=69.3 83.9
fwAVG=1.58
sdW=665.2
fwW=1.50
sdS=711.6
fwS=1.64
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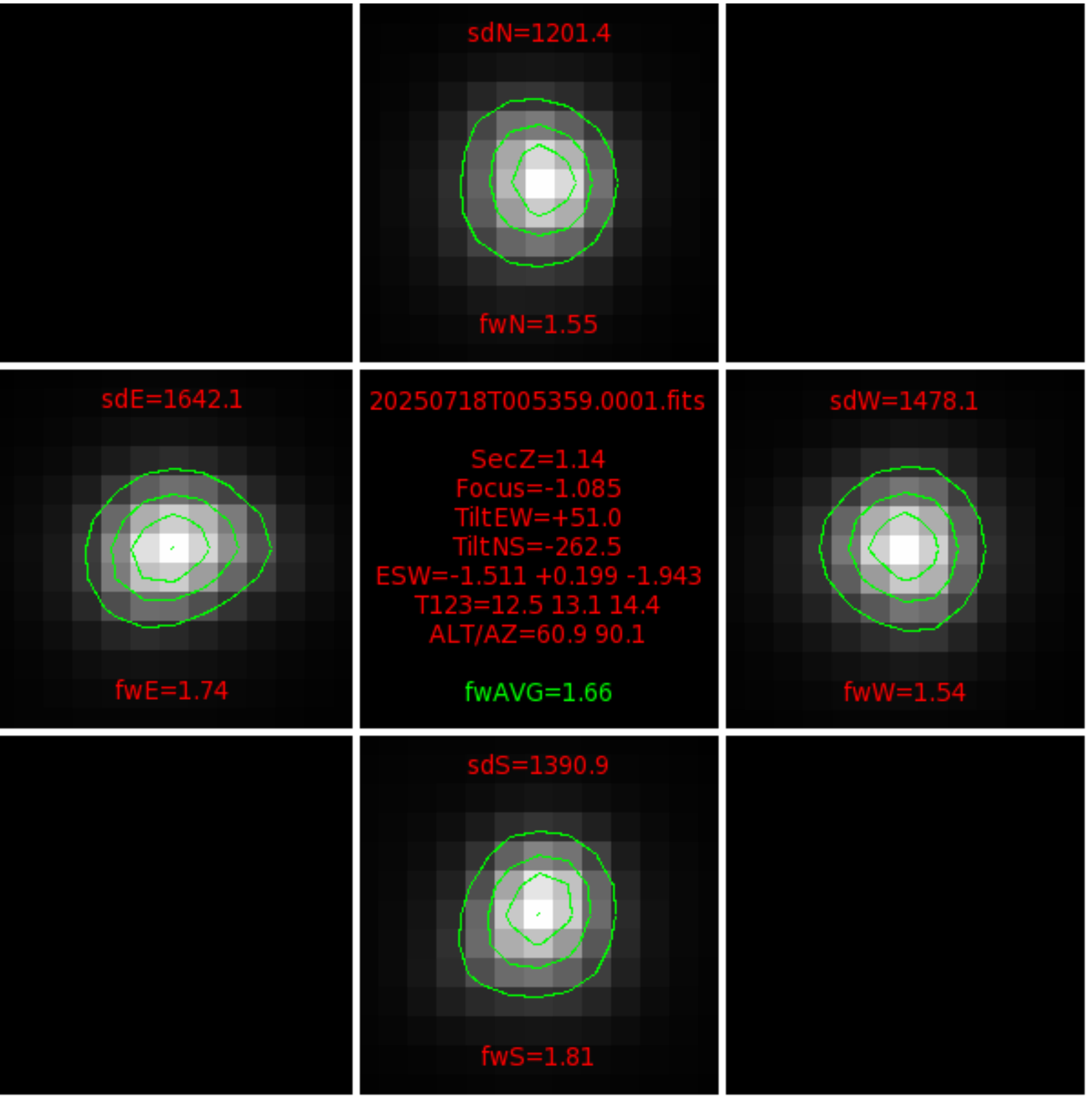
sdN=1201.4
fwN=1.55
sdE=1642.1
fwE=1.74
20250718T005359.0001.fits
SecZ=1.14
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.5 13.1 14.4
ALT/AZ=60.9 90.1
fwAVG=1.66
sdW=1478.1
fwW=1.54
sdS=1390.9
fwS=1.81
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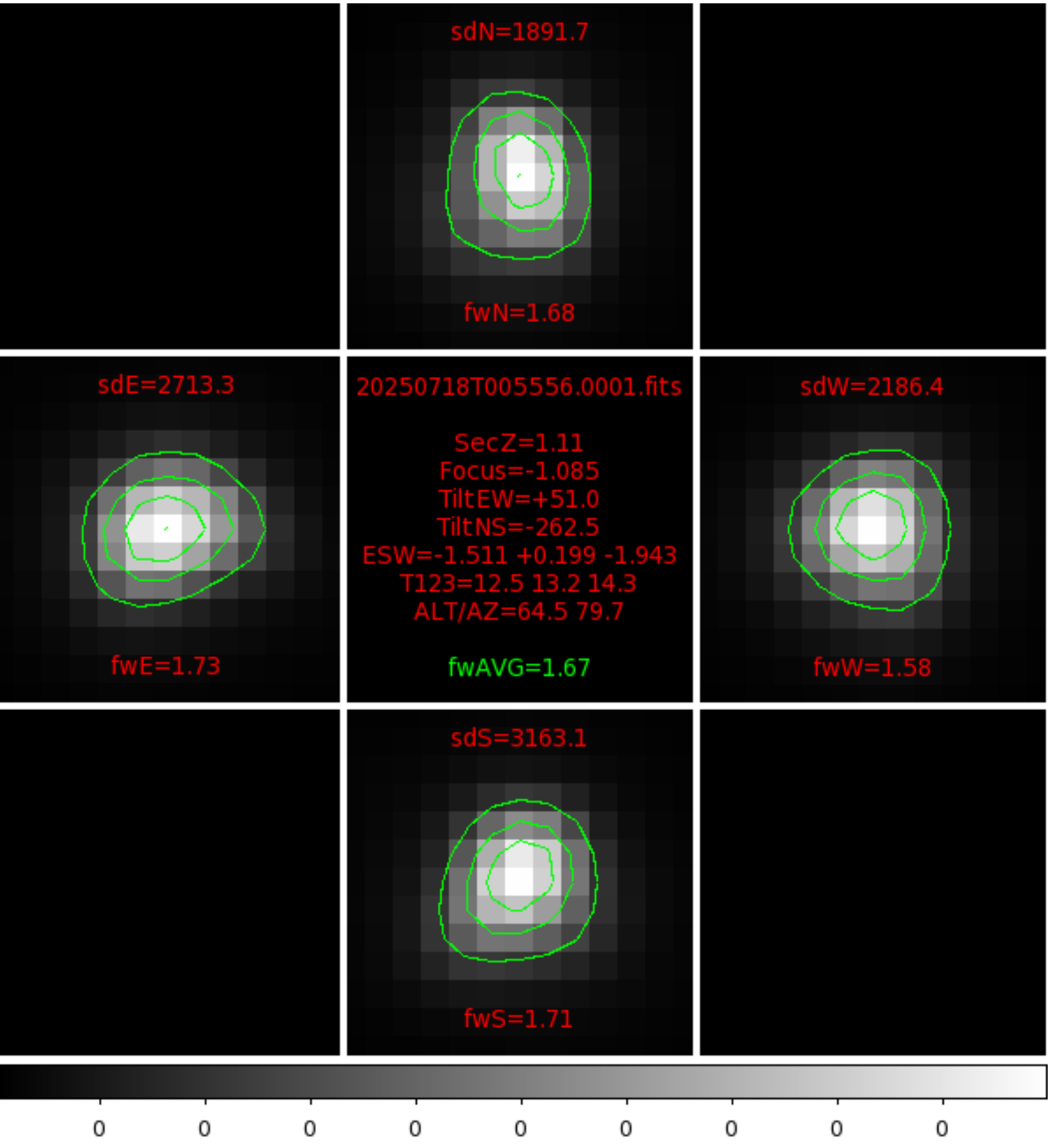
sdN=1891.7
fwN=1.68
sdE=2713.3
fwE=1.73
20250718T005556.0001.fits
SecZ=1.11
Focus=-1.085
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.511 +0.199 -1.943
T123=12.5 13.2 14.3
ALT/AZ=64.5 79.7
fwAVG=1.67
sdW=2186.4
fwW=1.58
sdS=3163.1
fwS=1.71
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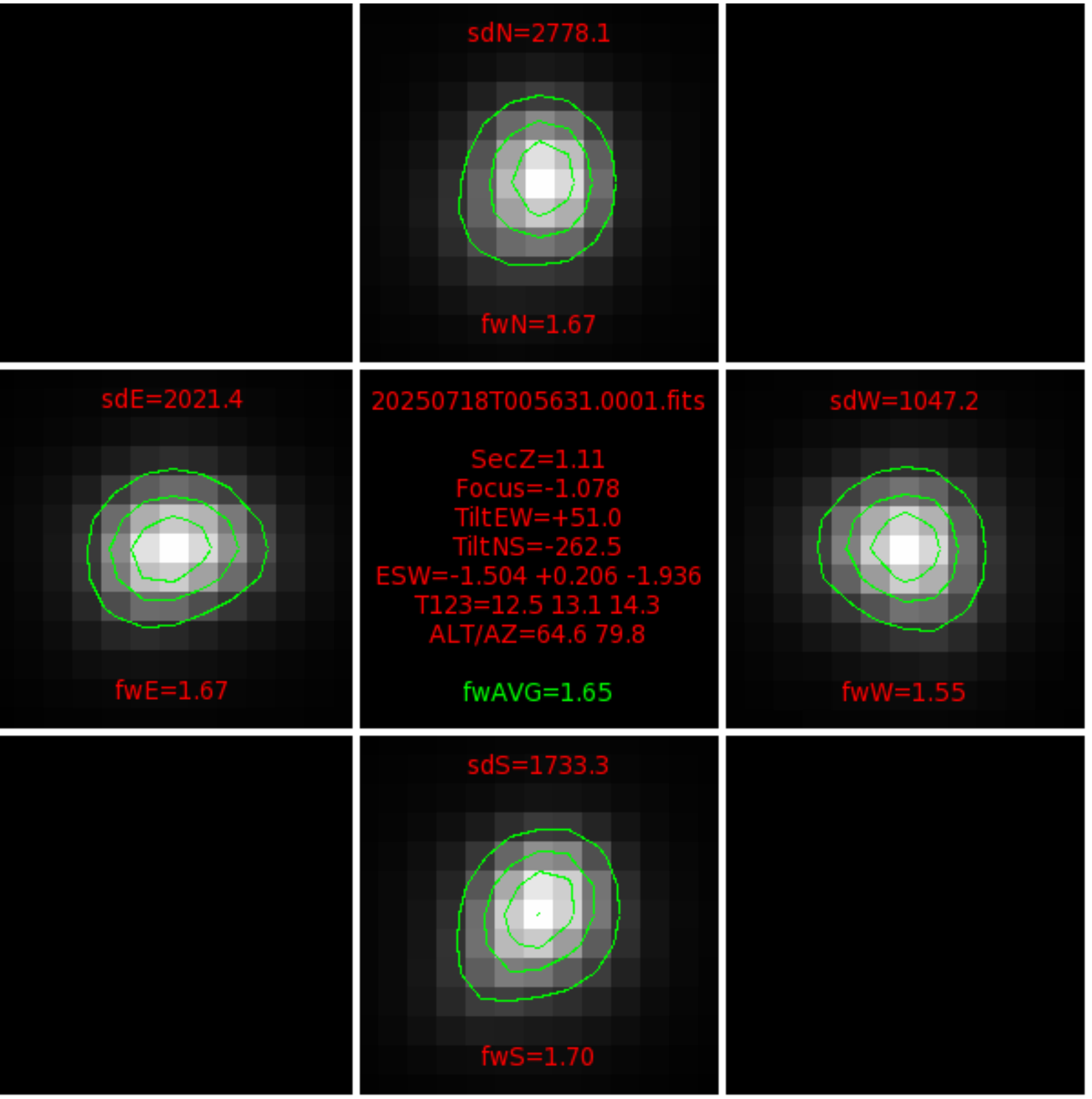
sdN=2778.1
fwN=1.67
sdE=2021.4
fwE=1.67
20250718T005631.0001.fits
SecZ=1.11
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.5 13.1 14.3
ALT/AZ=64.6 79.8
fwAVG=1.65
sdW=1047.2
fwW=1.55
sdS=1733.3
fwS=1.70
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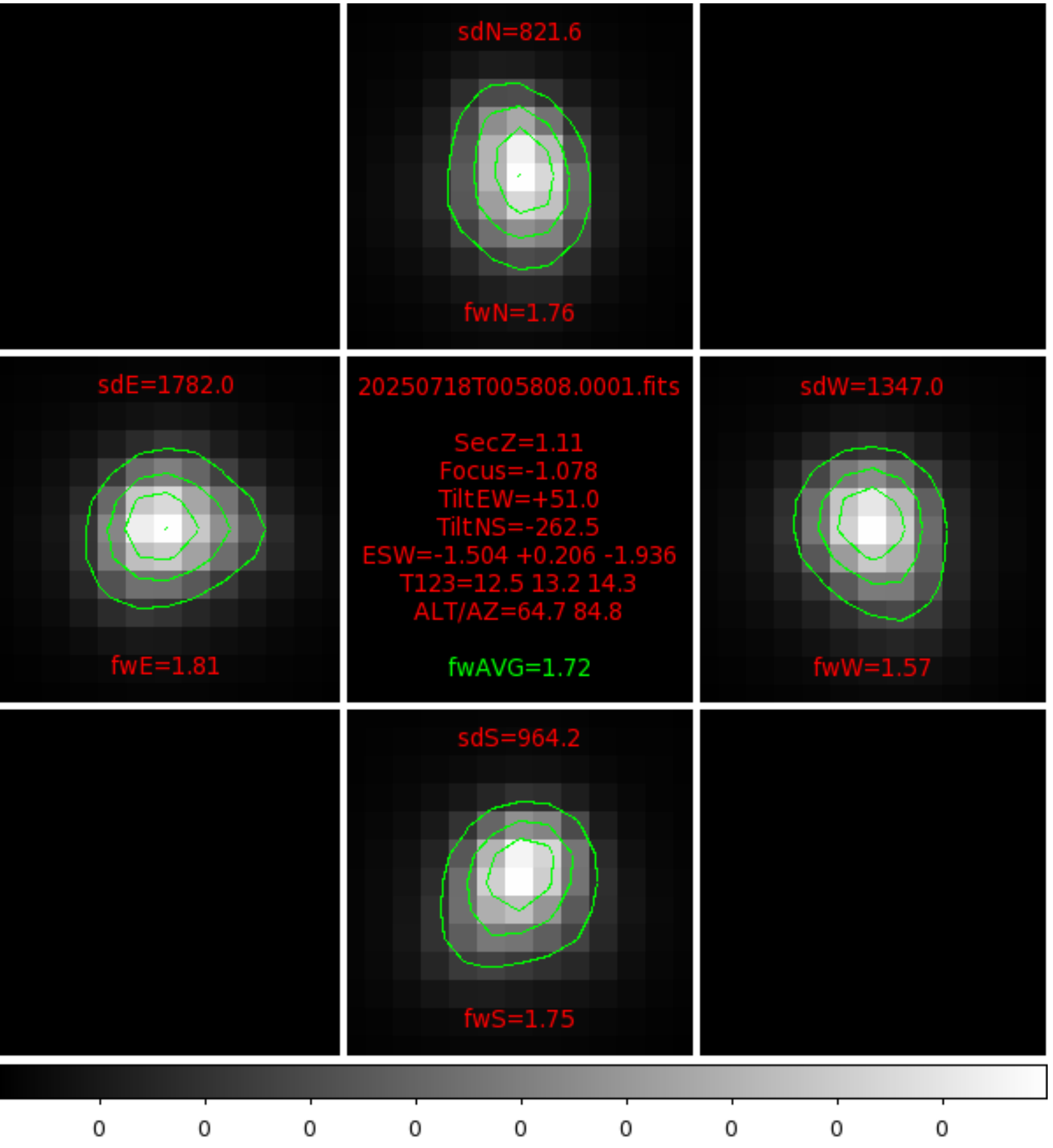
sdN=821.6
fwN=1.76
sdE=1782.0
fwE=1.81
20250718T005808.0001.fits
SecZ=1.11
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.5 13.2 14.3
ALT/AZ=64.7 84.8
fwAVG=1.72
sdW=1347.0
fwW=1.57
sdS=964.2
fwS=1.75
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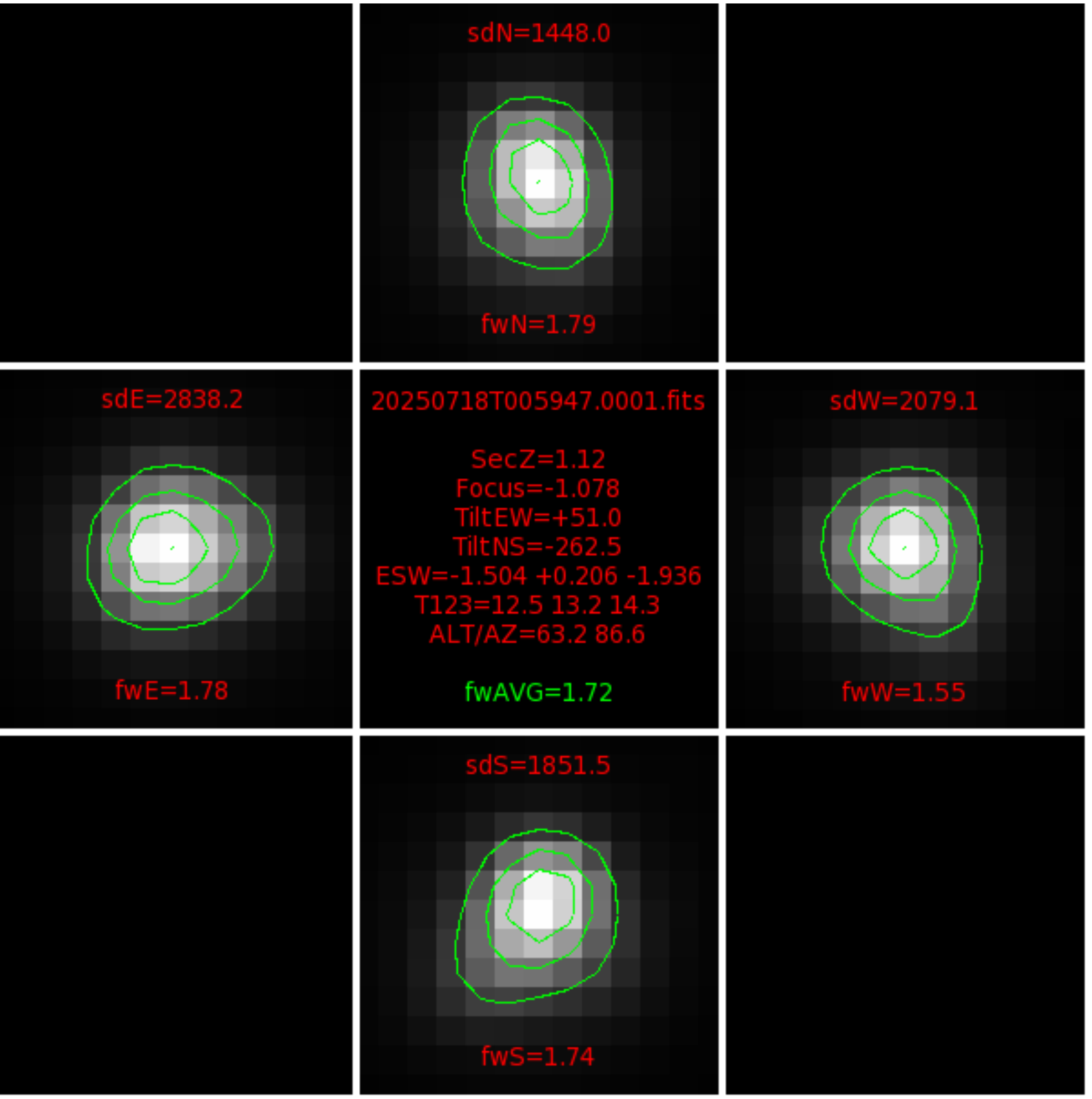
sdN=1448.0
fwN=1.79
sdE=2838.2
fwE=1.78
20250718T005947.0001.fits
SecZ=1.12
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.5 13.2 14.3
ALT/AZ=63.2 86.6
fwAVG=1.72
sdW=2079.1
fwW=1.55
sdS=1851.5
fwS=1.74
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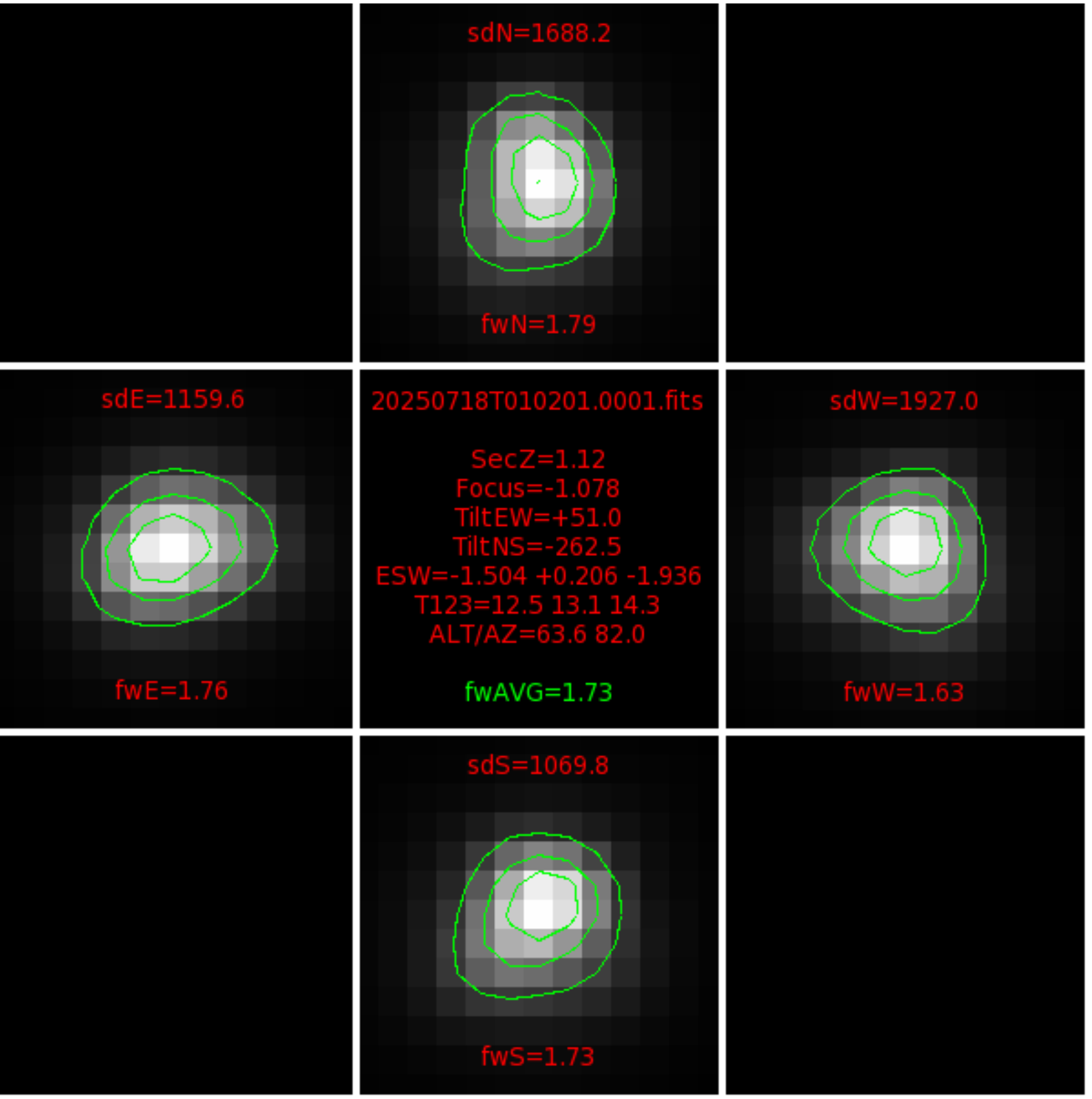
sdN=1688.2
fwN=1.79
sdE=1159.6
fwE=1.76
20250718T010201.0001.fits
SecZ=1.12
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.5 13.1 14.3
ALT/AZ=63.6 82.0
fwAVG=1.73
sdW=1927.0
fwW=1.63
sdS=1069.8
fwS=1.73
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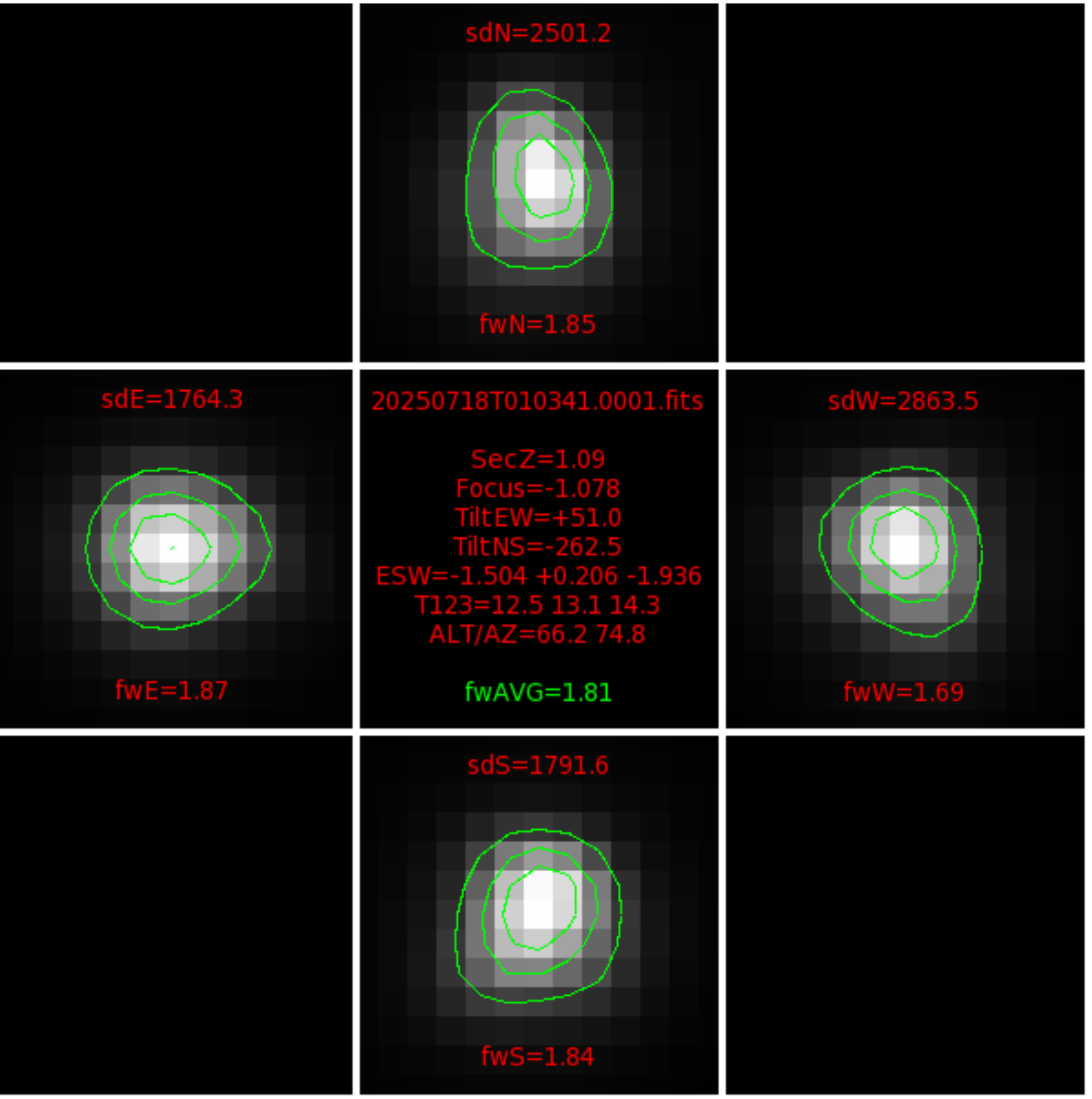
sdN=2501.2
fwN=1.85
sdE=1764.3
fwE=1.87
20250718T010341.0001.fits
SecZ=1.09
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.5 13.1 14.3
ALT/AZ=66.2 74.8
fwAVG=1.81
sdW=2863.5
fwW=1.69
sdS=1791.6
fwS=1.84
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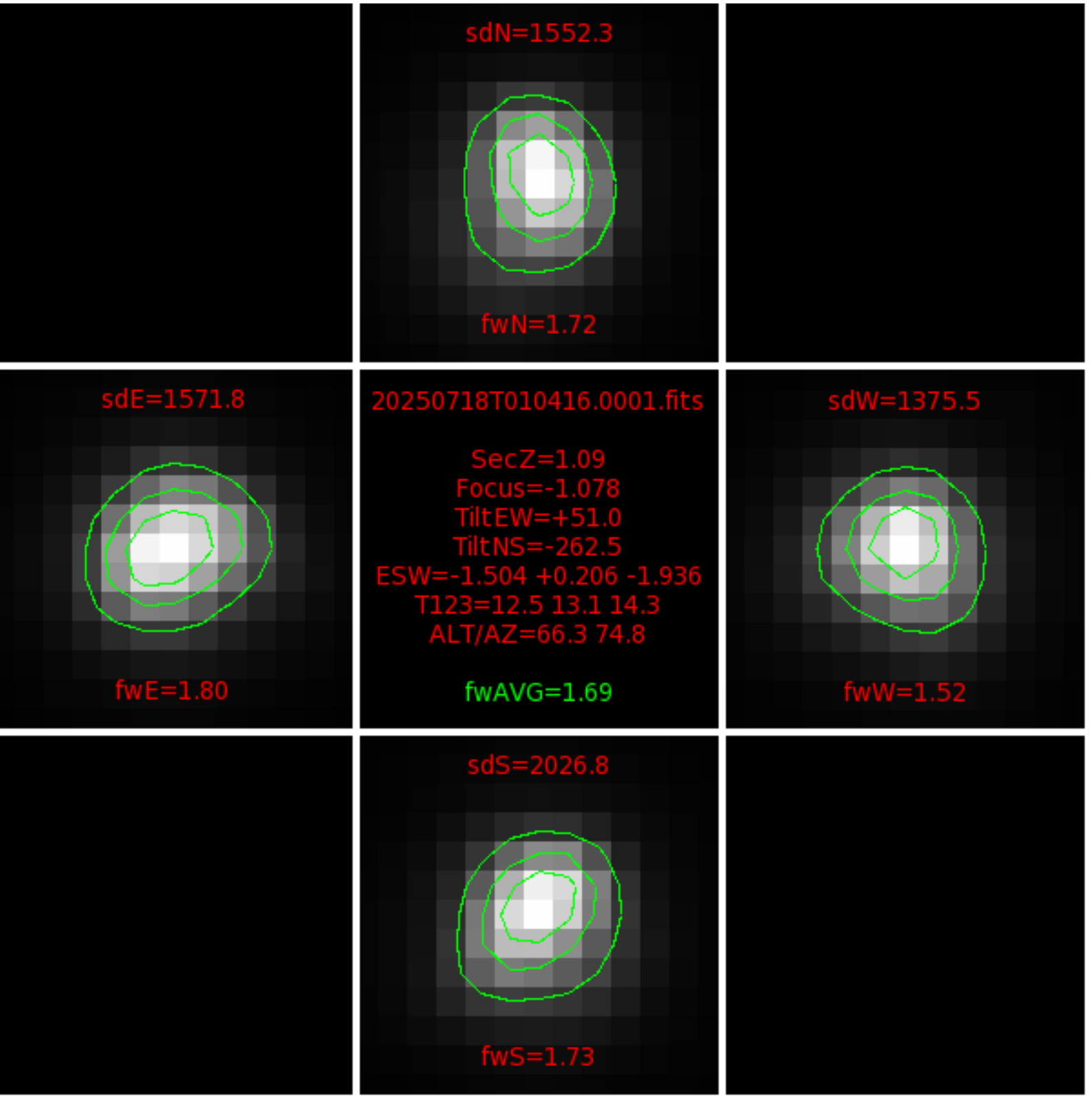
sdN=1552.3
fwN=1.72
sdE=1571.8
fwE=1.80
20250718T010416.0001.fits
SecZ=1.09
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.5 13.1 14.3
ALT/AZ=66.3 74.8
fwAVG=1.69
sdW=1375.5
fwW=1.52
sdS=2026.8
fwS=1.73
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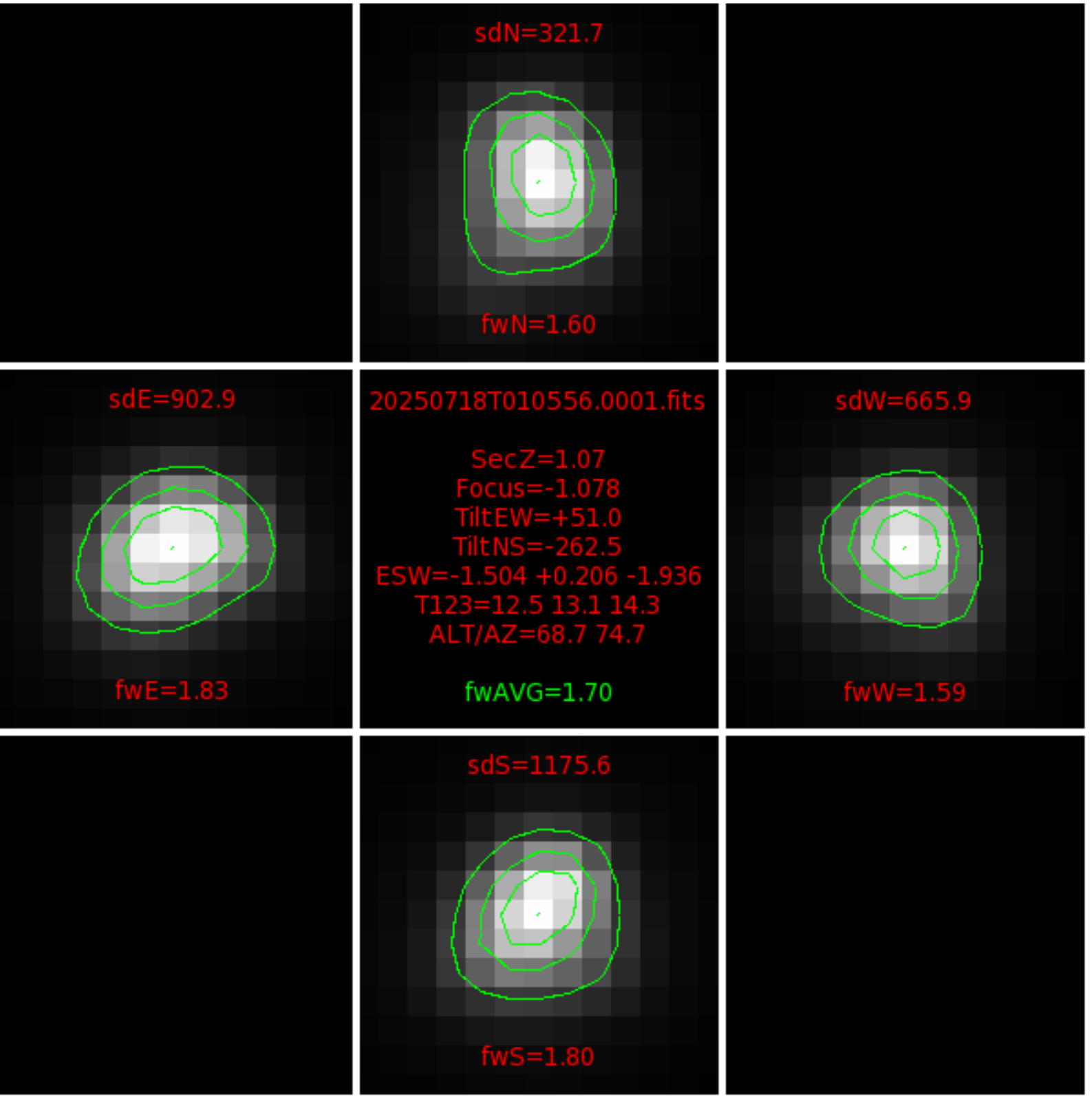
sdN=321.7
fwN=1.60
sdE=902.9
fwE=1.83
20250718T010556.0001.fits
SecZ=1.07
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.5 13.1 14.3
ALT/AZ=68.7 74.7
fwAVG=1.70
sdW=665.9
fwW=1.59
sdS=1175.6
fwS=1.80
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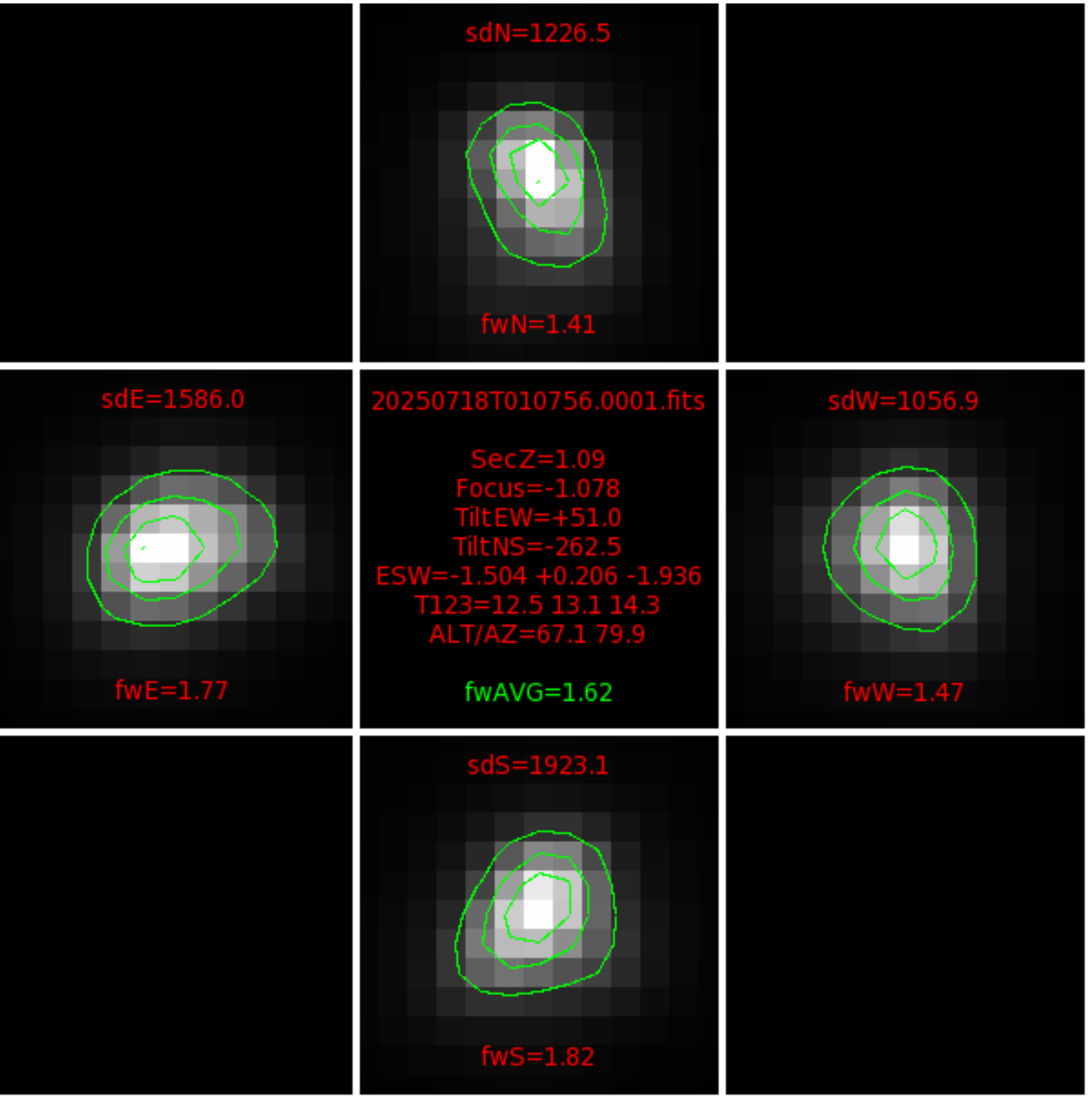
sdN=1226.5
fwN=1.41
sdE=1586.0
fwE=1.77
20250718T010756.0001.fits
SecZ=1.09
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.5 13.1 14.3
ALT/AZ=67.1 79.9
fwAVG=1.62
sdW=1056.9
fwW=1.47
sdS=1923.1
fwS=1.82
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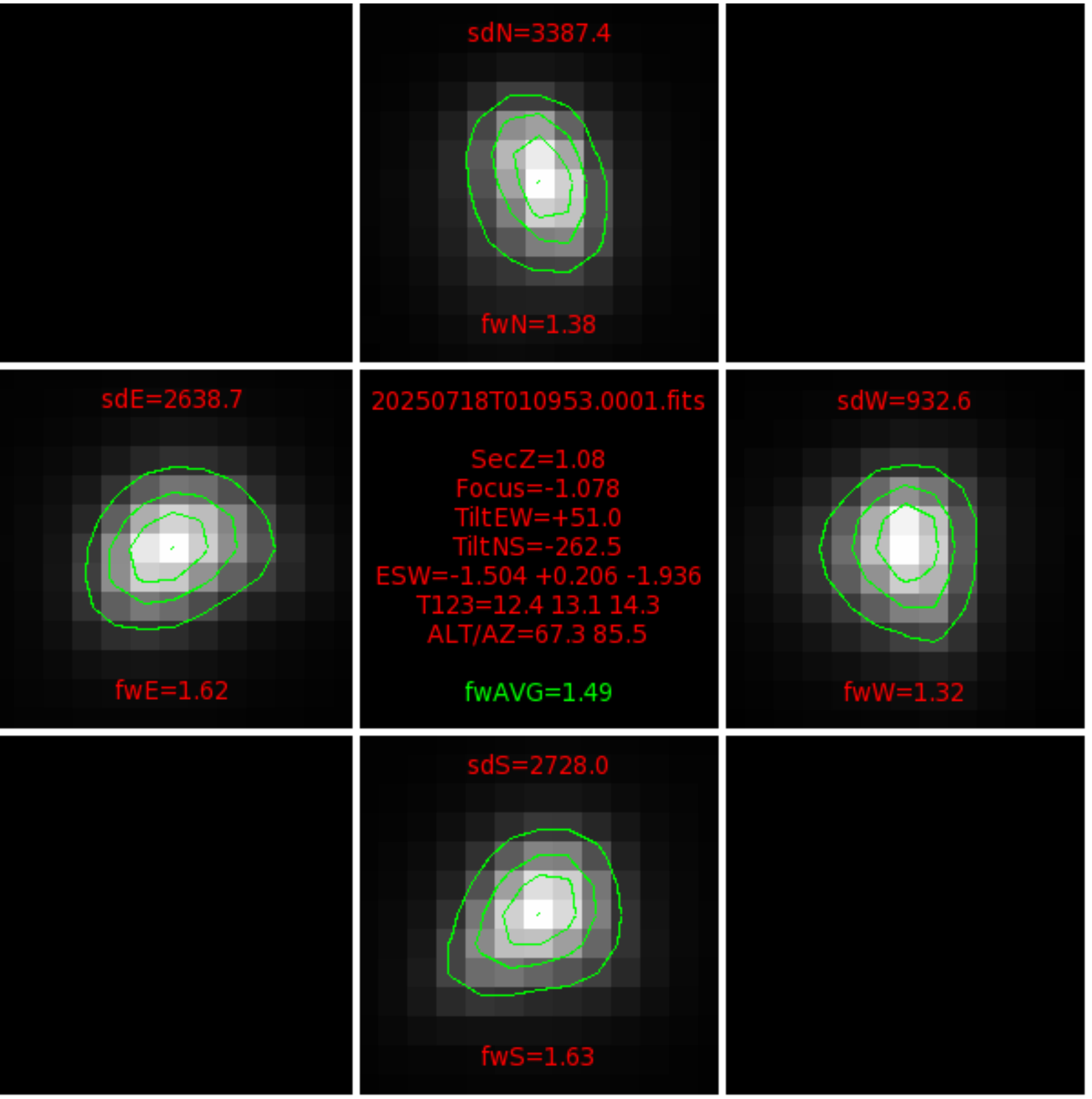
sdN=3387.4
fwN=1.38
sdE=2638.7
fwE=1.62
20250718T010953.0001.fits
SecZ=1.08
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.4 13.1 14.3
ALT/AZ=67.3 85.5
fwAVG=1.49
sdW=932.6
fwW=1.32
sdS=2728.0
fwS=1.63
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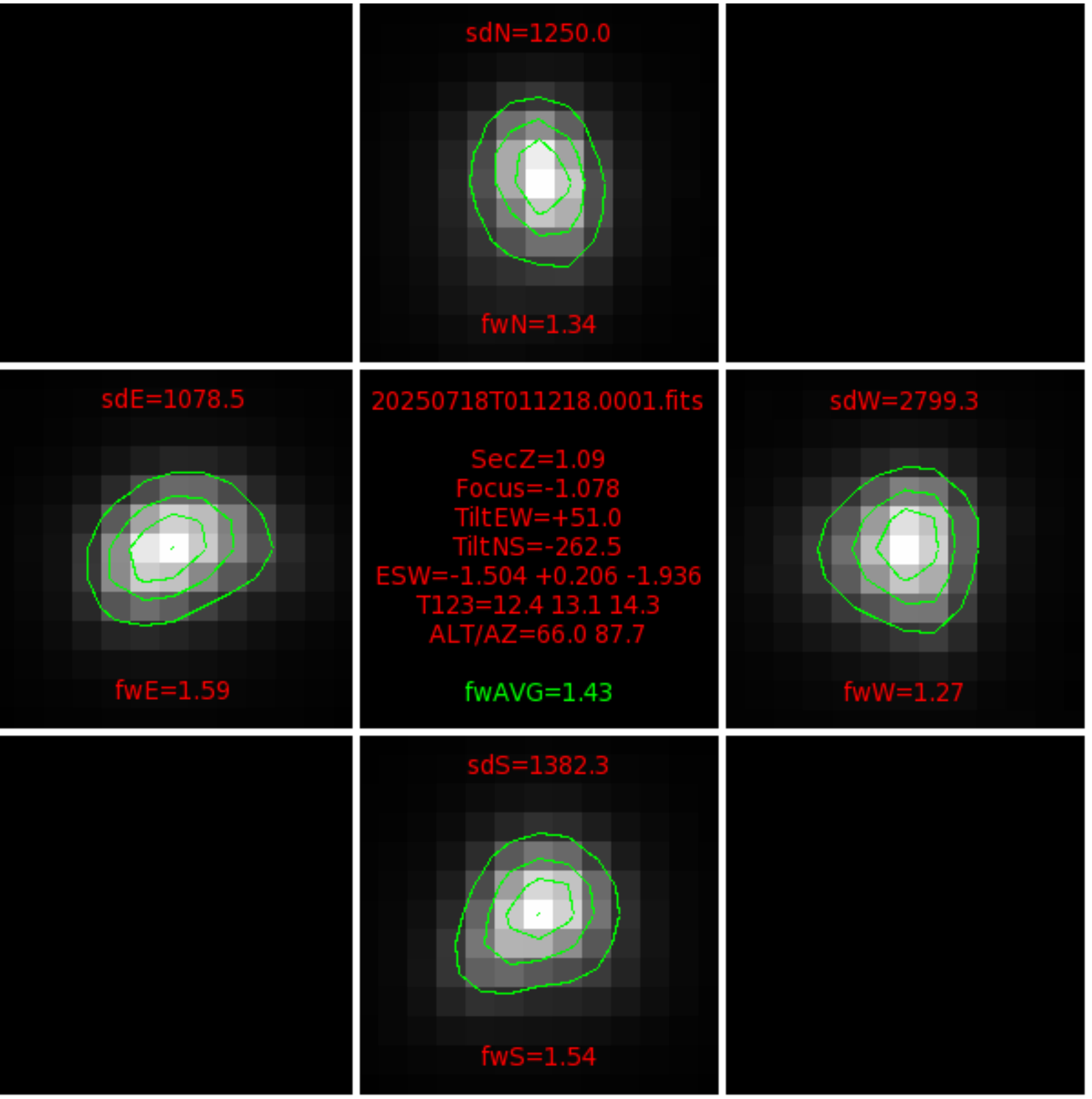
sdN=1250.0
fwN=1.34
sdE=1078.5
fwE=1.59
20250718T011218.0001.fits
SecZ=1.09
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.4 13.1 14.3
ALT/AZ=66.0 87.7
fwAVG=1.43
sdW=2799.3
fwW=1.27
sdS=1382.3
fwS=1.54
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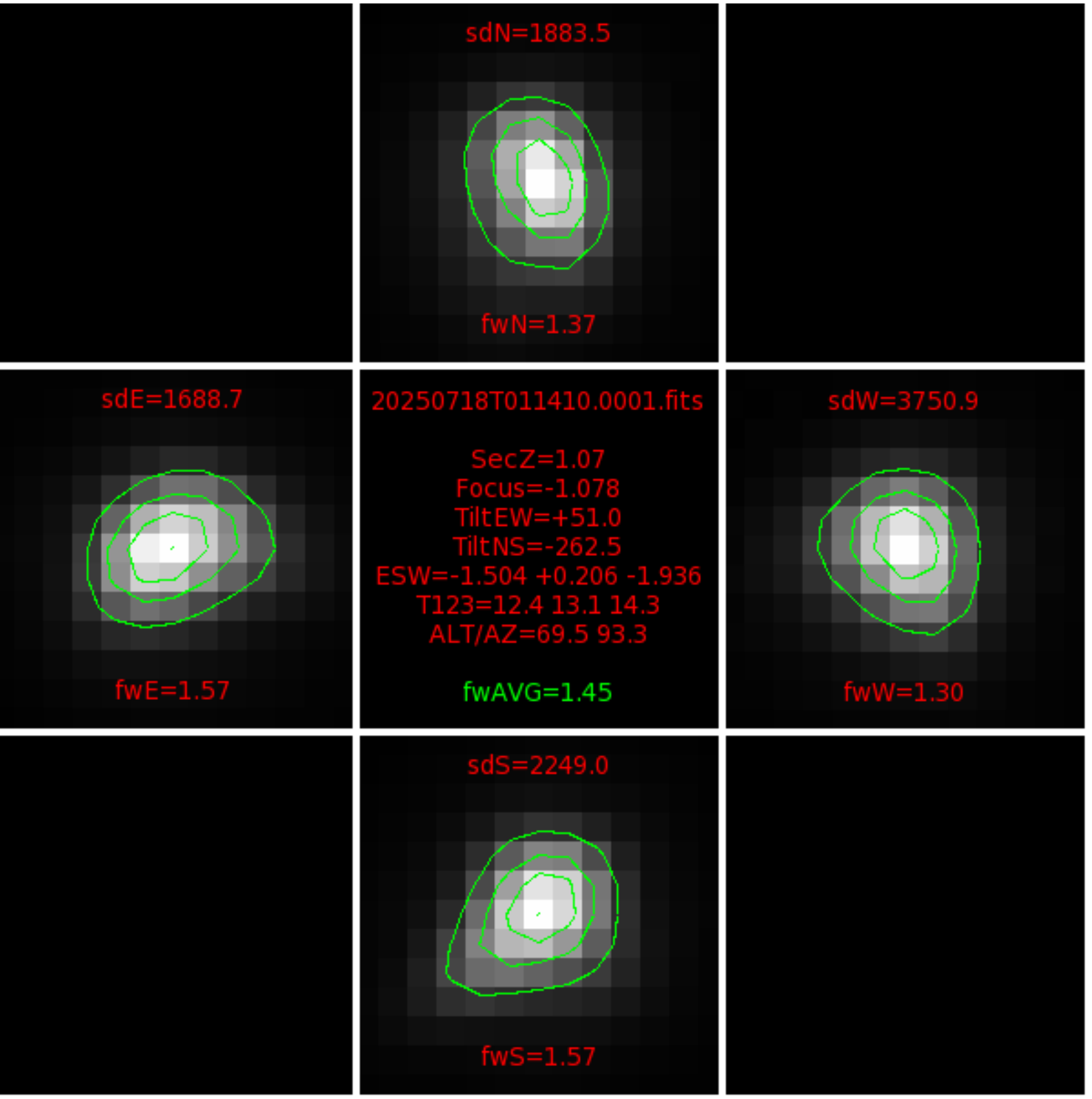
sdN=1883.5
fwN=1.37
sdE=1688.7
fwE=1.57
20250718T011410.0001.fits
SecZ=1.07
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.4 13.1 14.3
ALT/AZ=69.5 93.3
fwAVG=1.45
sdW=3750.9
fwW=1.30
sdS=2249.0
fwS=1.57
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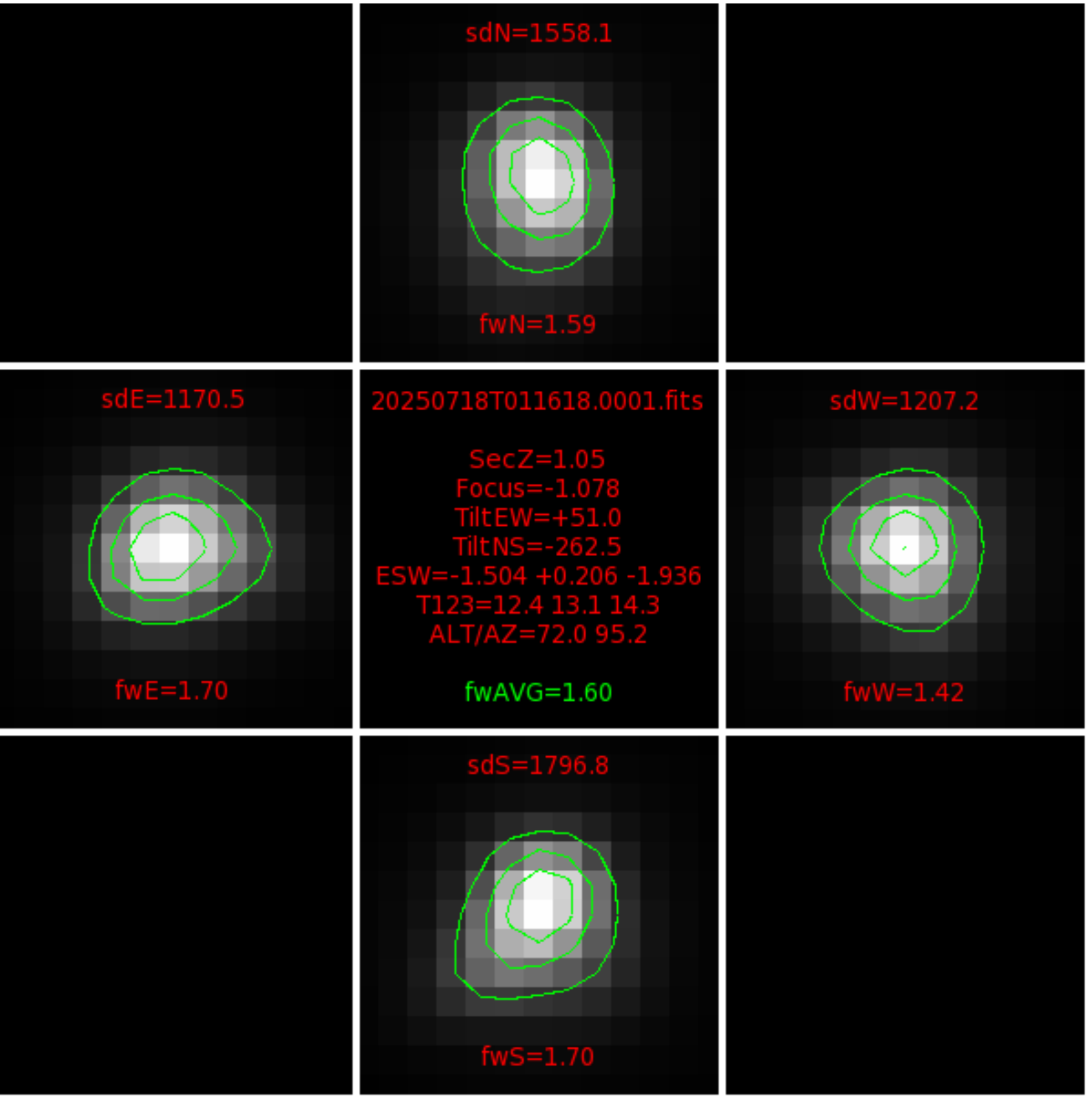
sdN=1558.1
fwN=1.59
sdE=1170.5
fwE=1.70
20250718T011618.0001.fits
SecZ=1.05
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.4 13.1 14.3
ALT/AZ=72.0 95.2
fwAVG=1.60
sdW=1207.2
fwW=1.42
sdS=1796.8
fwS=1.70
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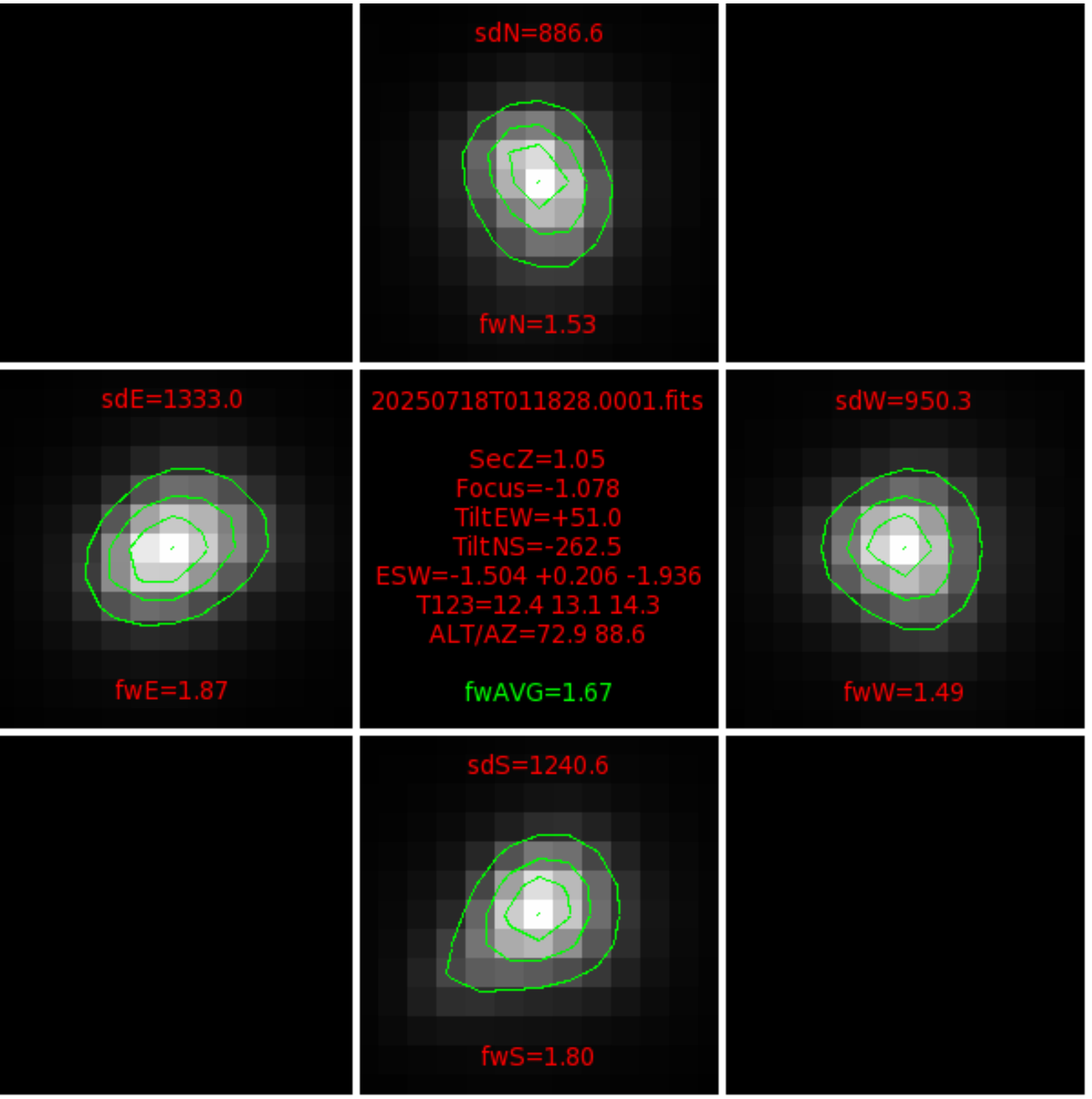
sdN=886.6
fwN=1.53
sdE=1333.0
fwE=1.87
20250718T011828.0001.fits
SecZ=1.05
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.4 13.1 14.3
ALT/AZ=72.9 88.6
fwAVG=1.67
sdW=950.3
fwW=1.49
sdS=1240.6
fwS=1.80
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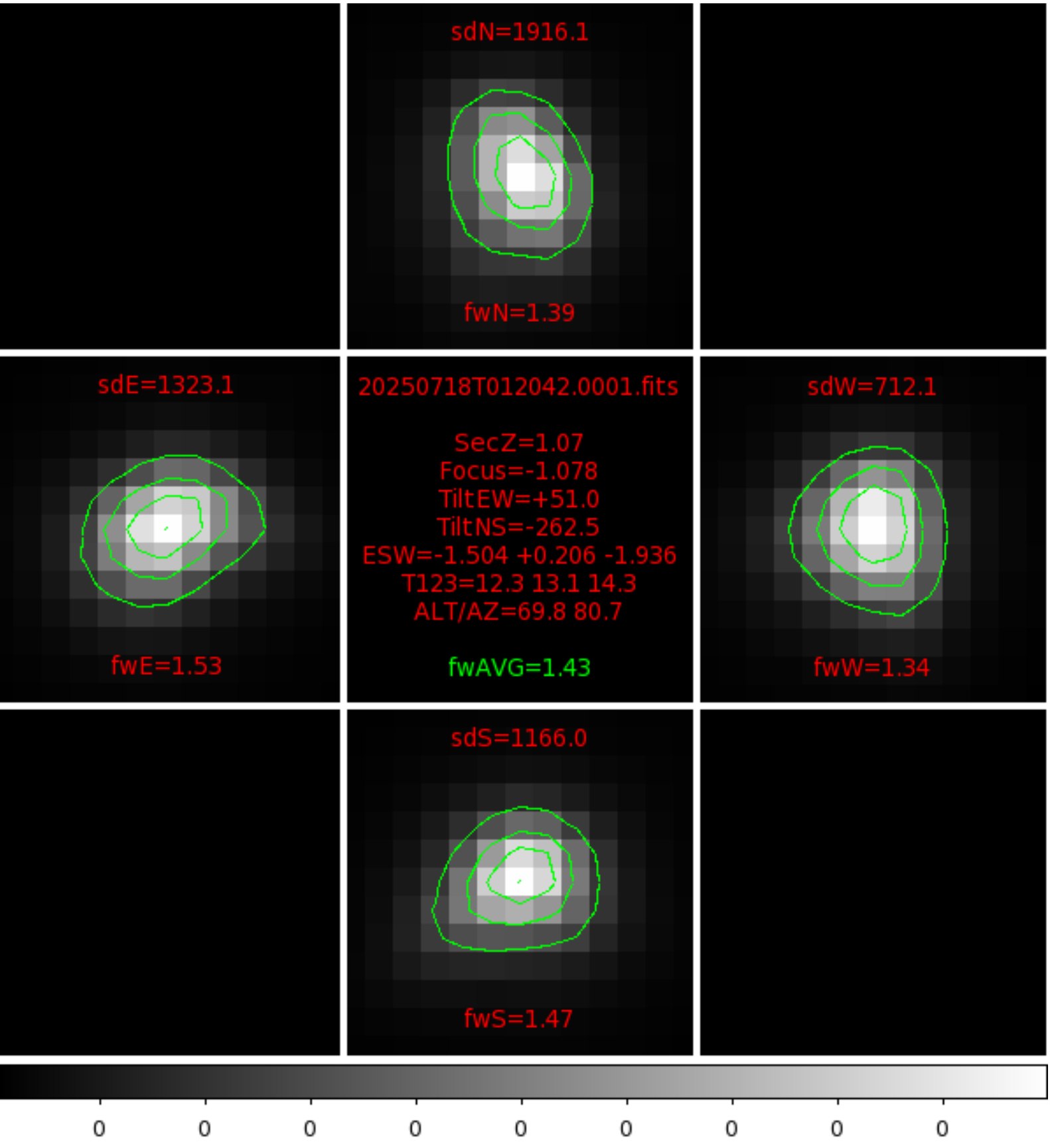
sdN=1916.1
fwN=1.39
sdE=1323.1
fwE=1.53
20250718T012042.0001.fits
SecZ=1.07
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.3 13.1 14.3
ALT/AZ=69.8 80.7
fwAVG=1.43
sdW=712.1
fwW=1.34
sdS=1166.0
fwS=1.47
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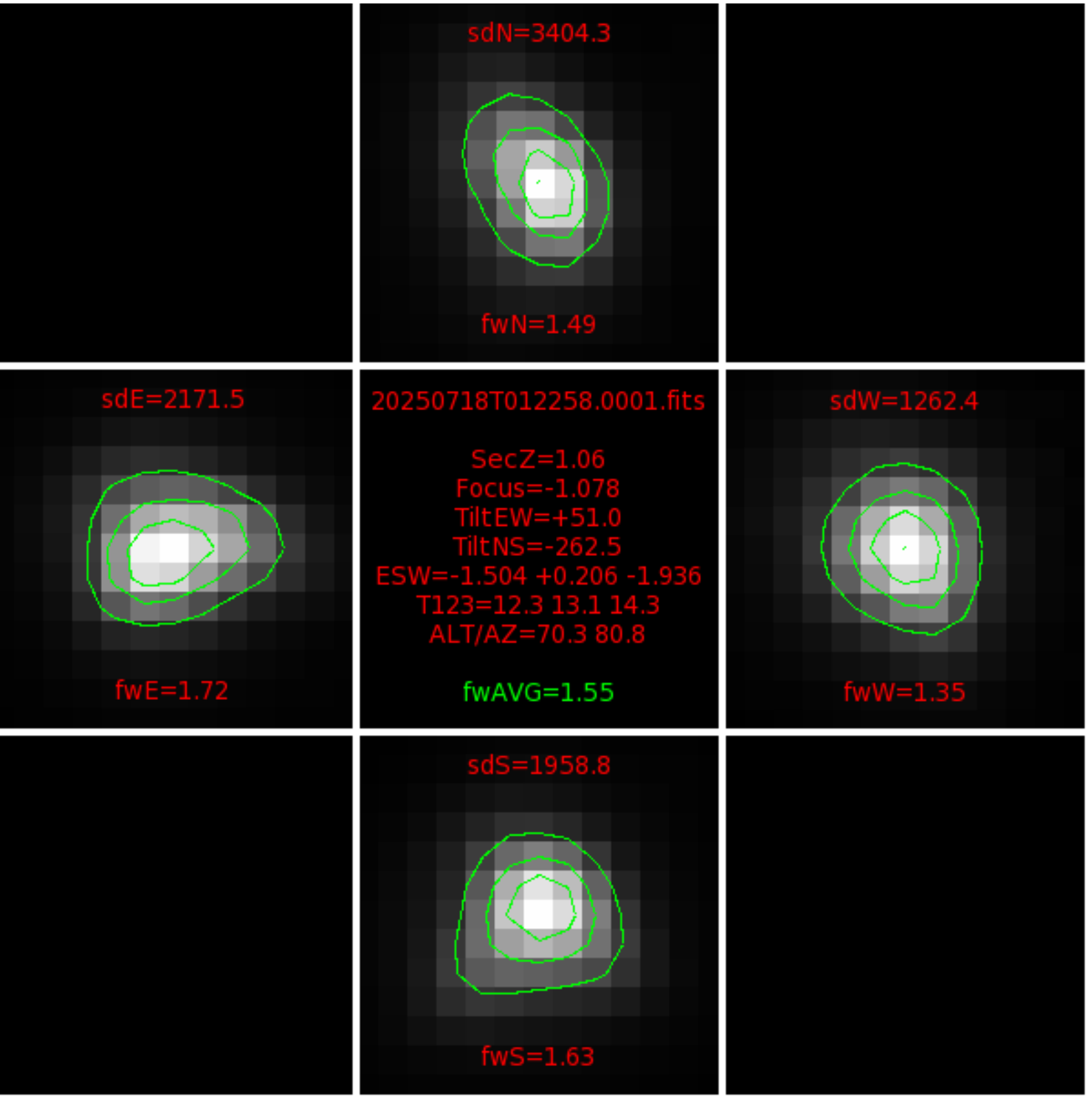
sdN=3404.3
fwN=1.49
sdE=2171.5
fwE=1.72
20250718T012258.0001.fits
SecZ=1.06
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.3 13.1 14.3
ALT/AZ=70.3 80.8
fwAVG=1.55
sdW=1262.4
fwW=1.35
sdS=1958.8
fwS=1.63
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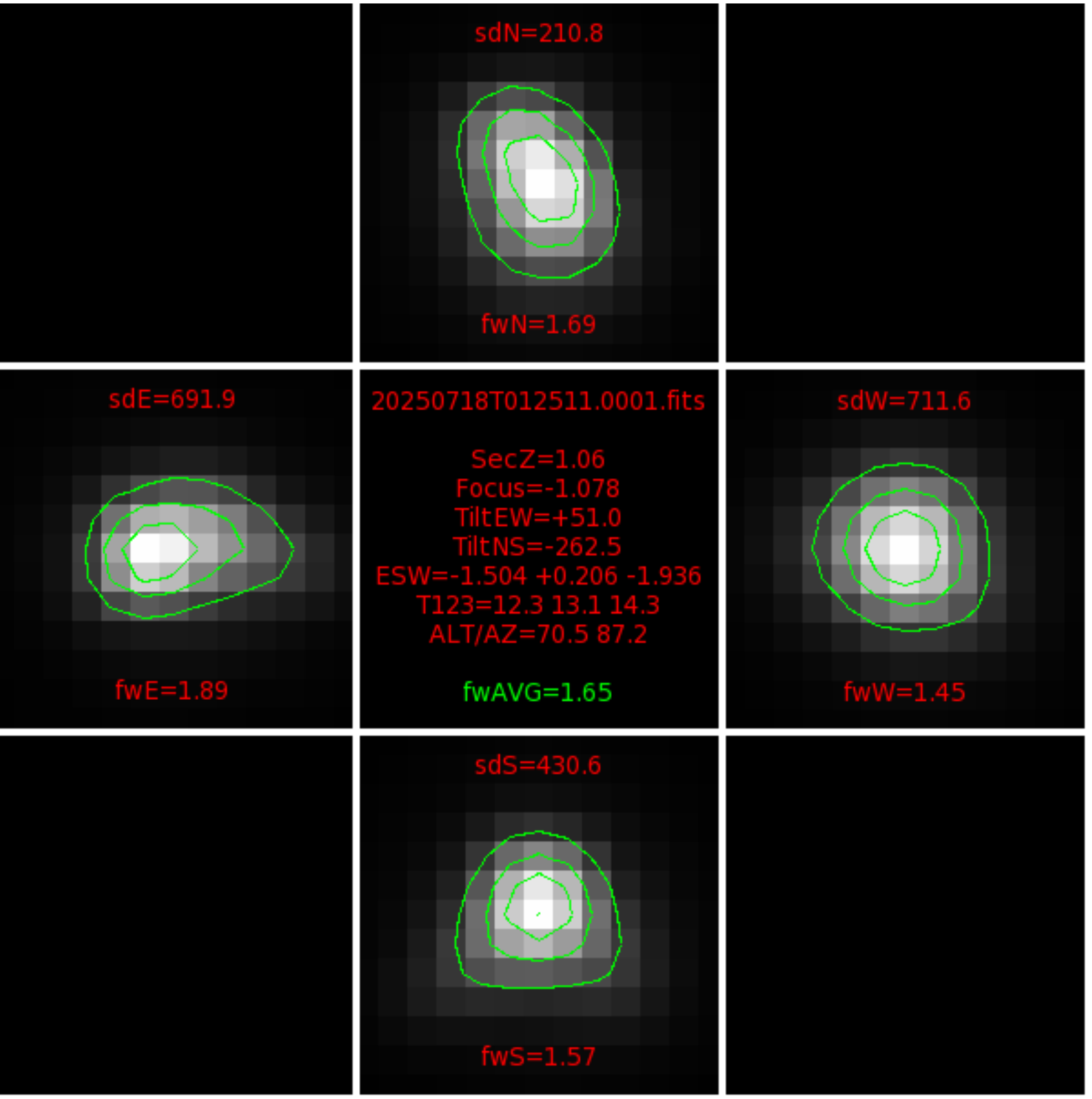
sdN=210.8
fwN=1.69
sdE=691.9
fwE=1.89
20250718T012511.0001.fits
SecZ=1.06
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.3 13.1 14.3
ALT/AZ=70.5 87.2
fwAVG=1.65
sdW=711.6
fwW=1.45
sdS=430.6
fwS=1.57
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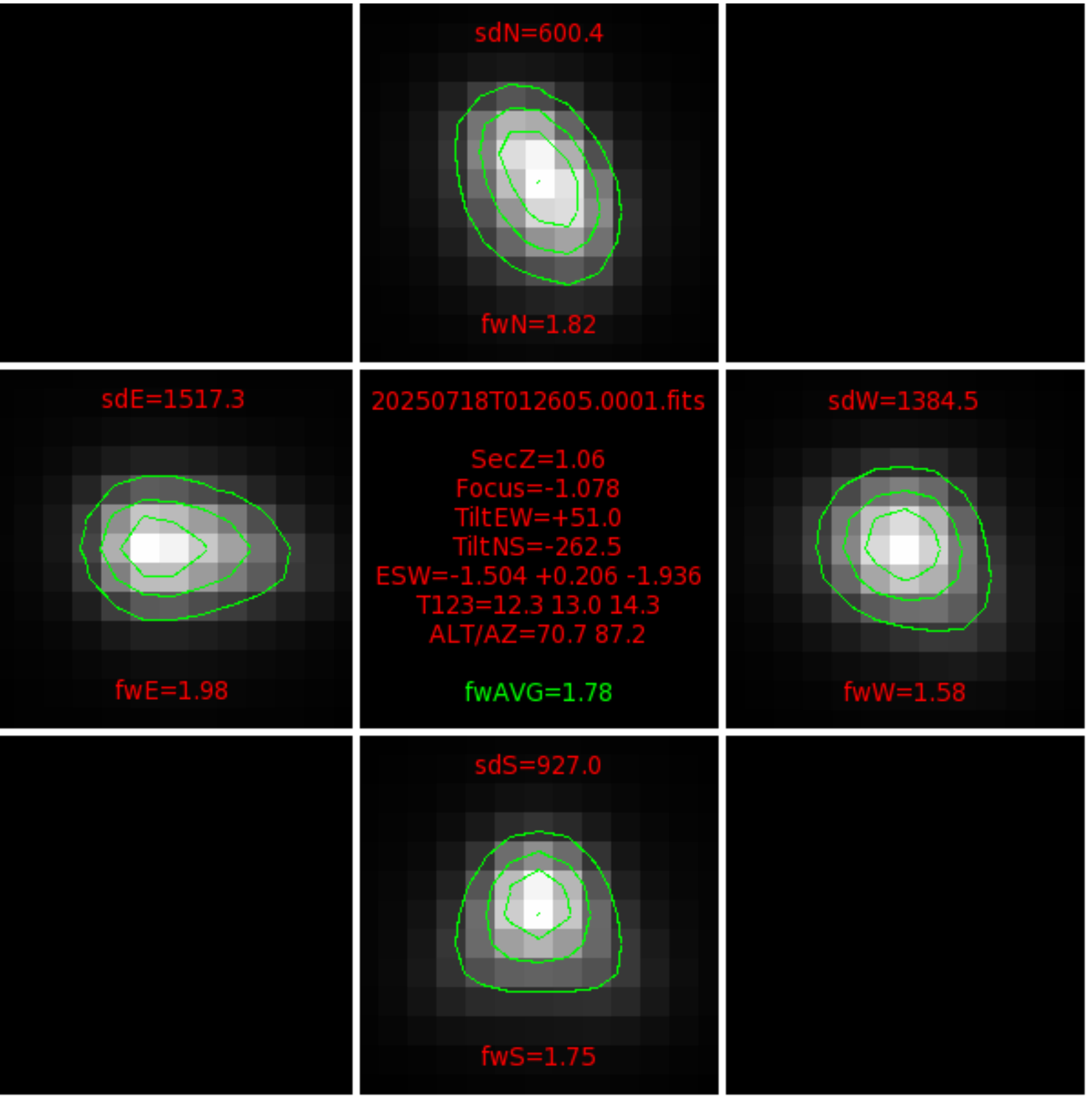
sdN=600.4
fwN=1.82
sdE=1517.3
fwE=1.98
20250718T012605.0001.fits
SecZ=1.06
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.3 13.0 14.3
ALT/AZ=70.7 87.2
fwAVG=1.78
sdW=1384.5
fwW=1.58
sdS=927.0
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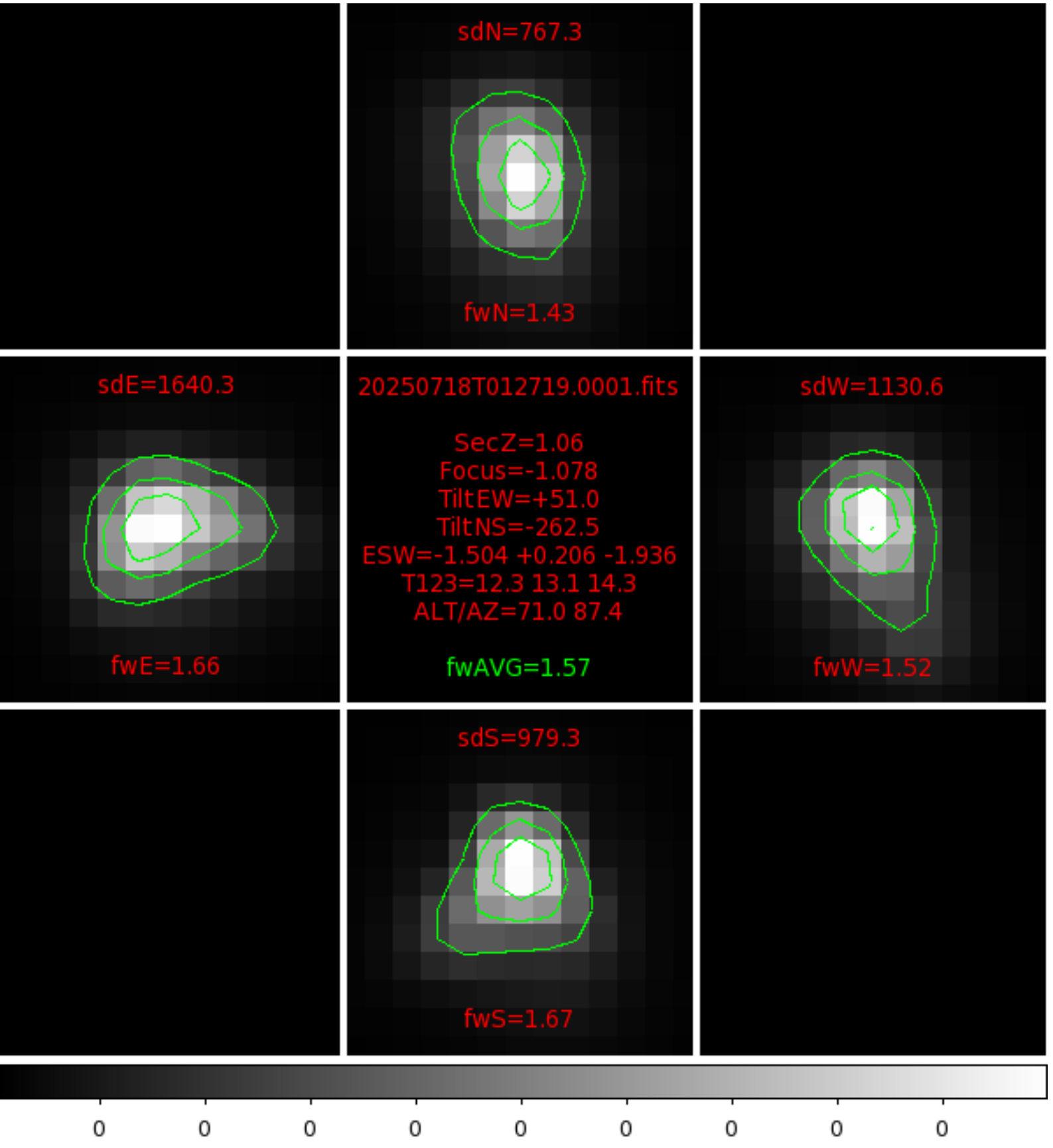
sdN=767.3
fwN=1.43
sdE=1640.3
fwE=1.66
20250718T012719.0001.fits
SecZ=1.06
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=12.3 13.1 14.3
ALT/AZ=71.0 87.4
fwAVG=1.57
sdW=1130.6
fwW=1.52
sdS=979.3
fwS=1.67
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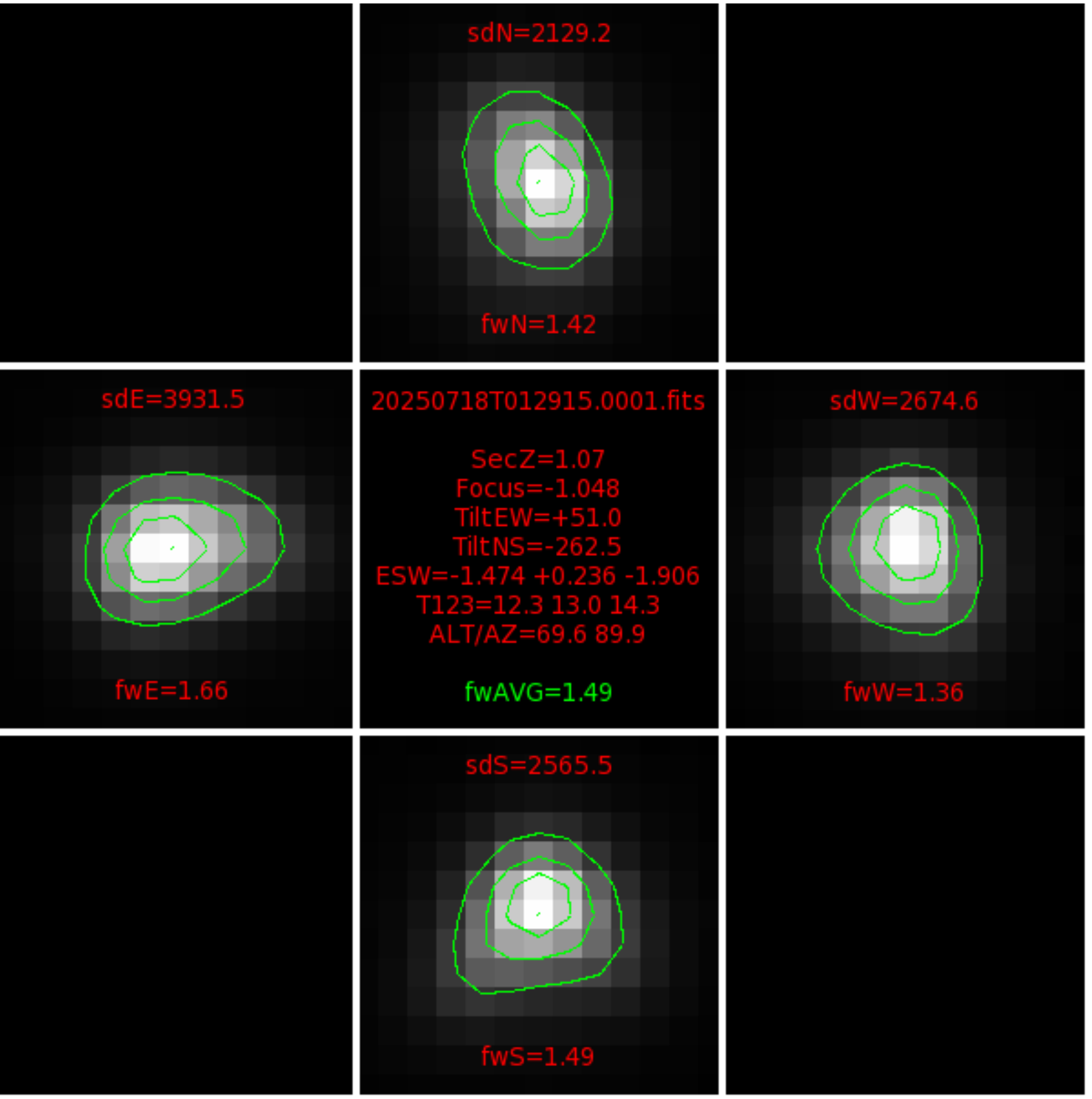
sdN=2129.2
fwN=1.42
sdE=3931.5
fwE=1.66
20250718T012915.0001.fits
SecZ=1.07
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.3 13.0 14.3
ALT/AZ=69.6 89.9
fwAVG=1.49
sdW=2674.6
fwW=1.36
sdS=2565.5
fwS=1.49
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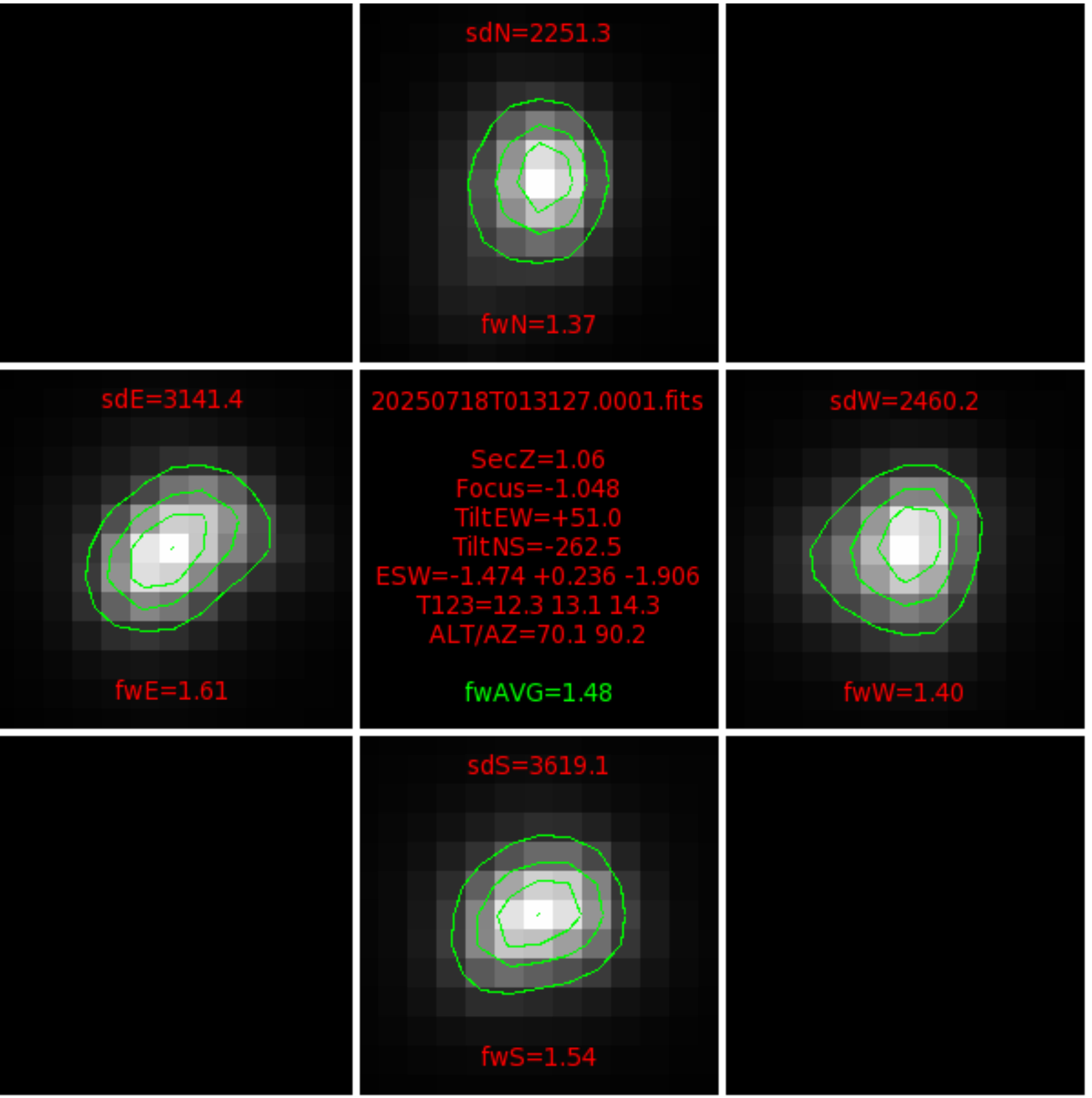
sdN=2251.3
fwN=1.37
sdE=3141.4
fwE=1.61
20250718T013127.0001.fits
SecZ=1.06
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.3 13.1 14.3
ALT/AZ=70.1 90.2
fwAVG=1.48
sdW=2460.2
fwW=1.40
sdS=3619.1
fwS=1.54
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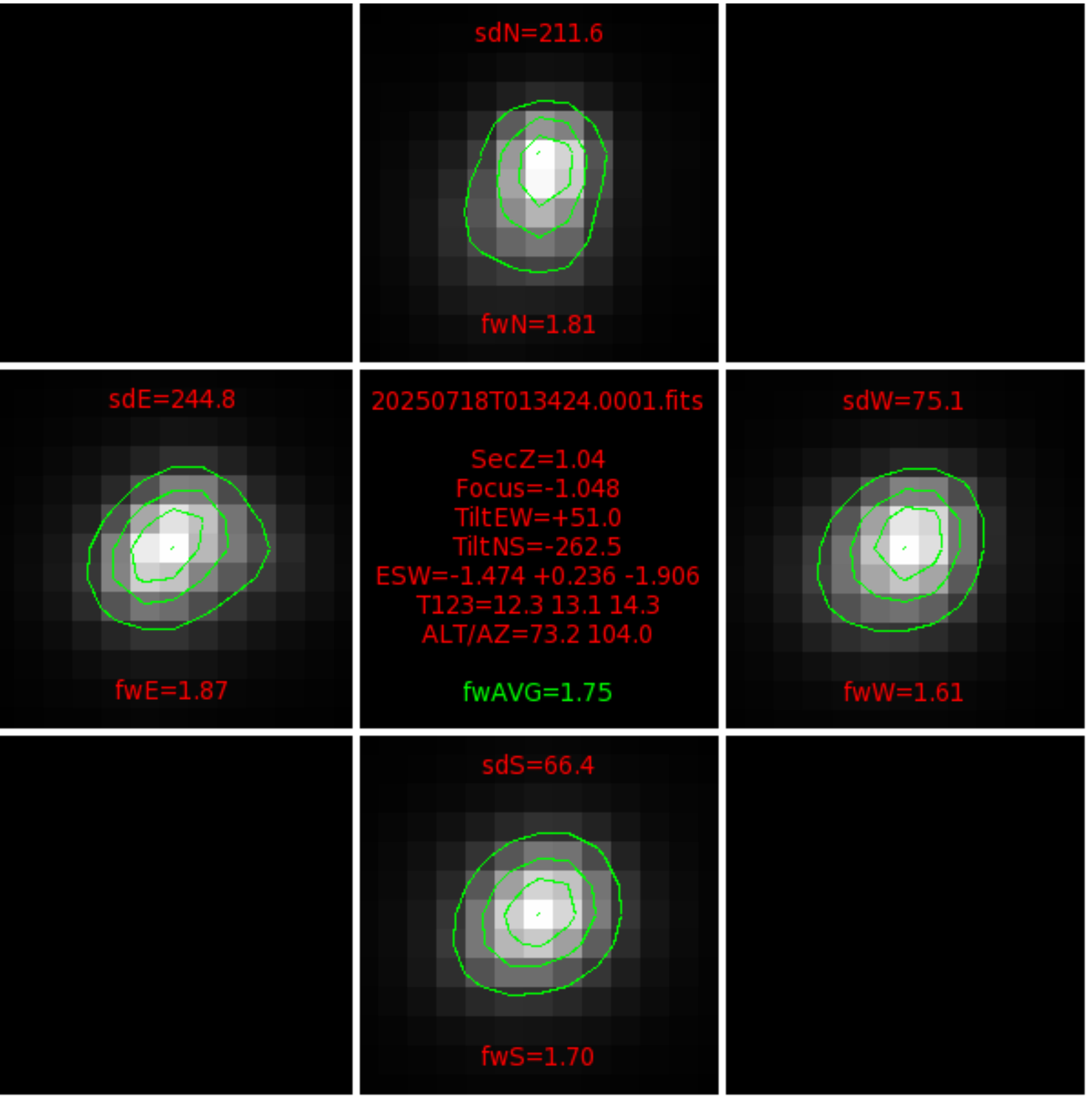
sdN=211.6
fwN=1.81
sdE=244.8
fwE=1.87
20250718T013424.0001.fits
SecZ=1.04
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.3 13.1 14.3
ALT/AZ=73.2 104.0
fwAVG=1.75
sdW=75.1
fwW=1.61
sdS=66.4
fwS=1.70
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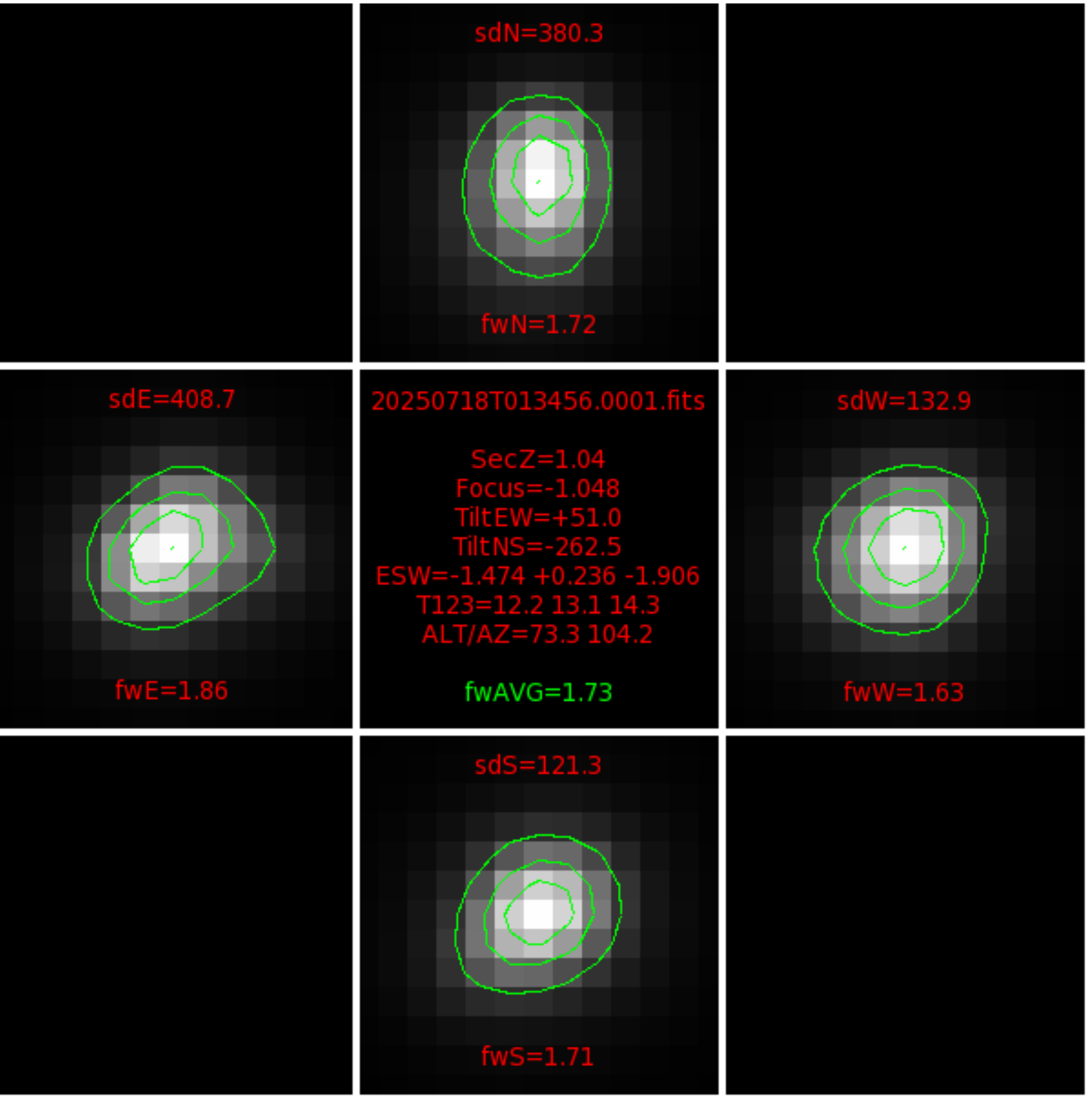
sdN=380.3
fwN=1.72
sdE=408.7
fwE=1.86
20250718T013456.0001.fits
SecZ=1.04
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.2 13.1 14.3
ALT/AZ=73.3 104.2
fwAVG=1.73
sdW=132.9
fwW=1.63
sdS=121.3
fwS=1.71
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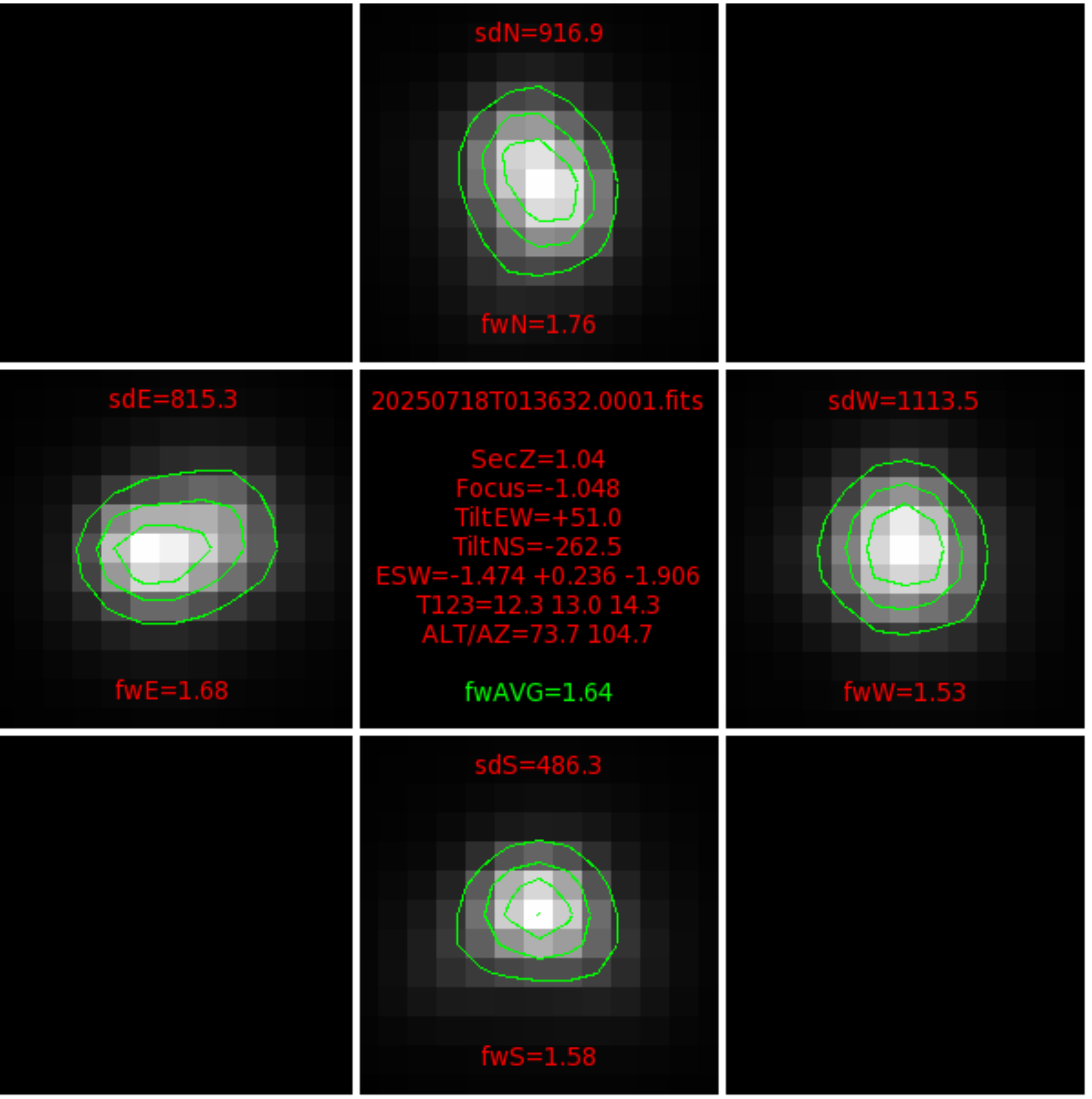
sdN=916.9
fwN=1.76
sdE=815.3
fwE=1.68
20250718T013632.0001.fits
SecZ=1.04
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.3 13.0 14.3
ALT/AZ=73.7 104.7
fwAVG=1.64
sdW=1113.5
fwW=1.53
sdS=486.3
fwS=1.58
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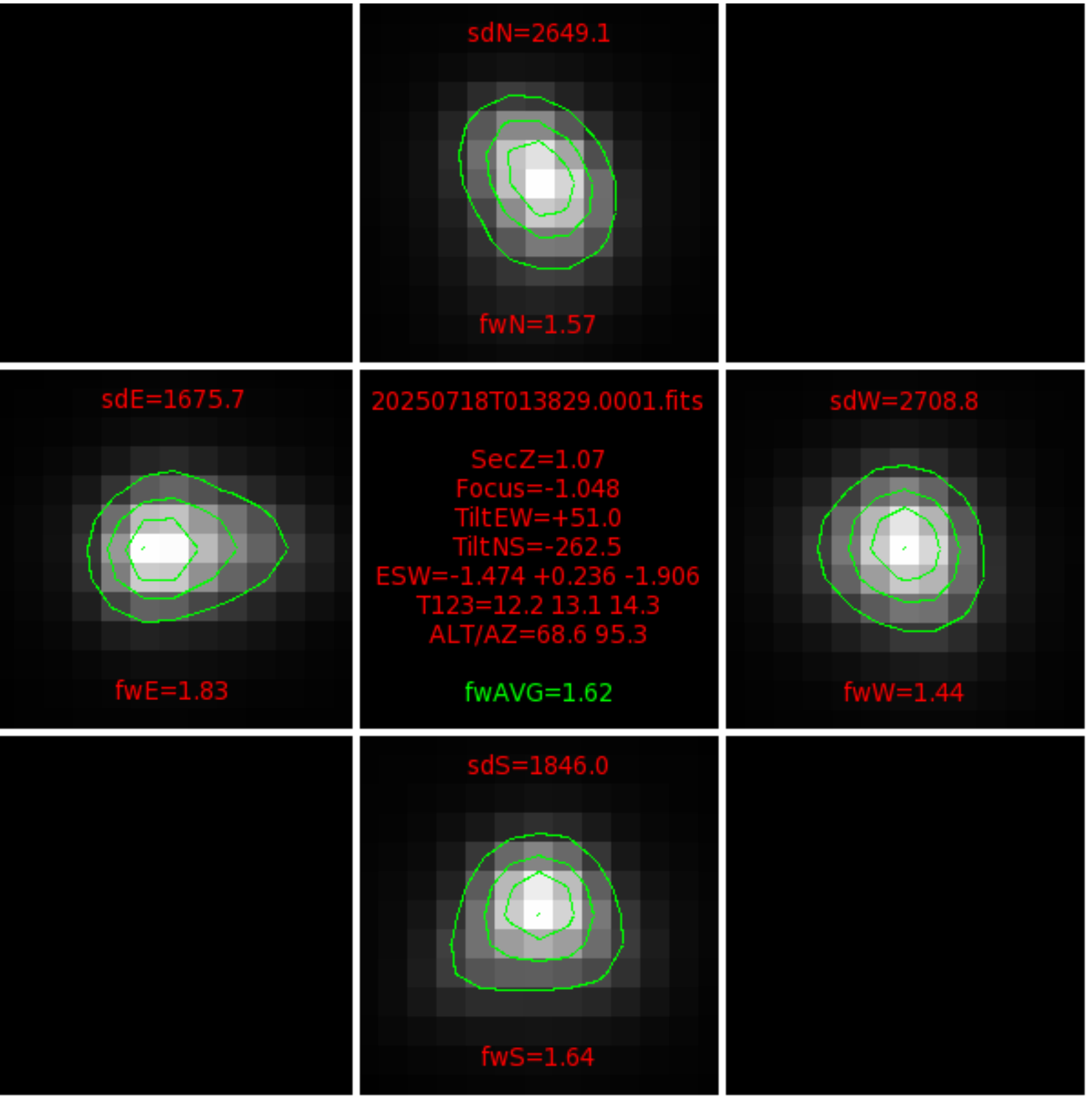
sdN=2649.1
fwN=1.57
sdE=1675.7
fwE=1.83
20250718T013829.0001.fits
SecZ=1.07
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.2 13.1 14.3
ALT/AZ=68.6 95.3
fwAVG=1.62
sdW=2708.8
fwW=1.44
sdS=1846.0
fwS=1.64
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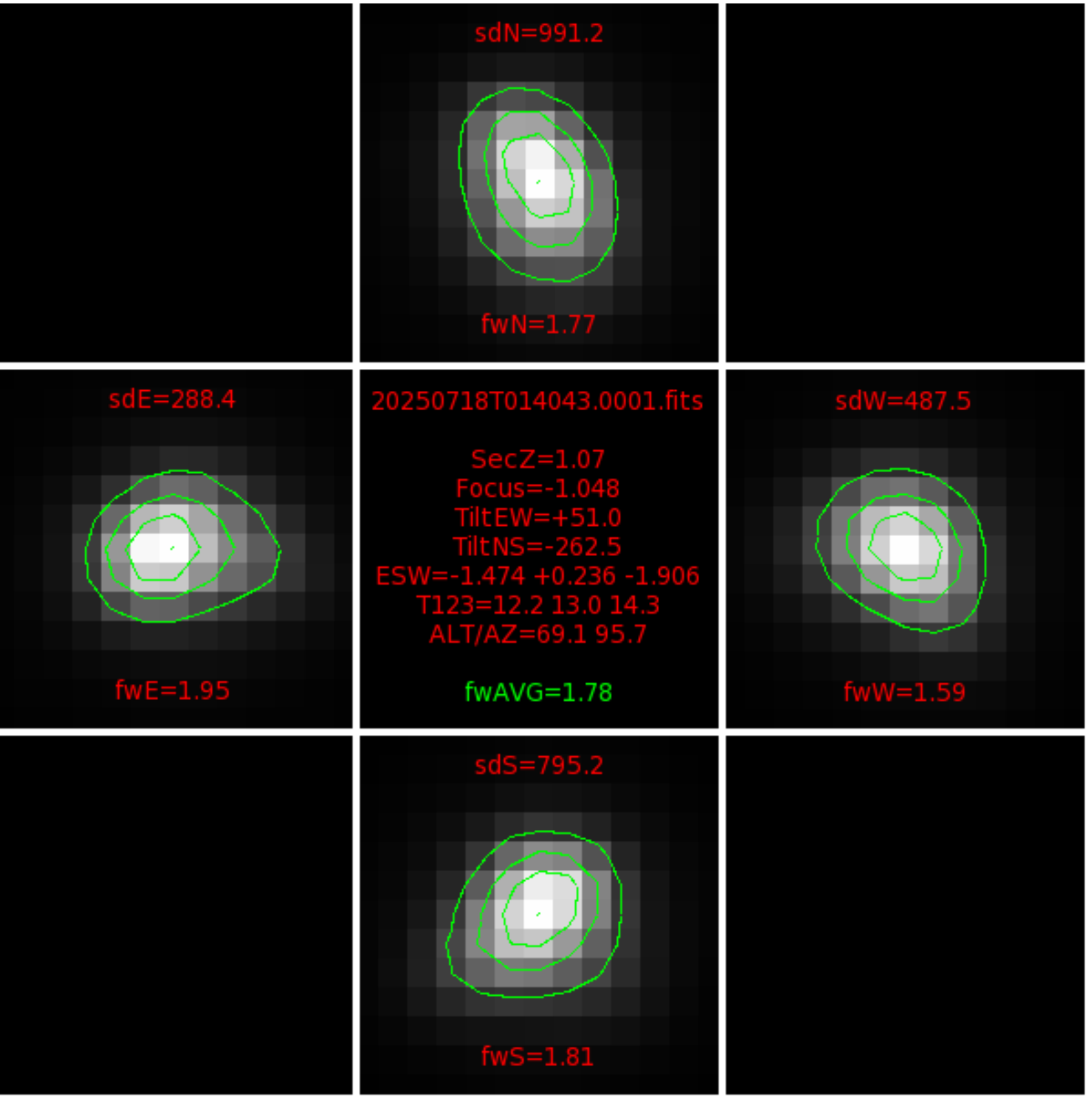
sdN=991.2
fwN=1.77
sdE=288.4
fwE=1.95
20250718T014043.0001.fits
SecZ=1.07
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.2 13.0 14.3
ALT/AZ=69.1 95.7
fwAVG=1.78
sdW=487.5
fwW=1.59
sdS=795.2
fwS=1.81
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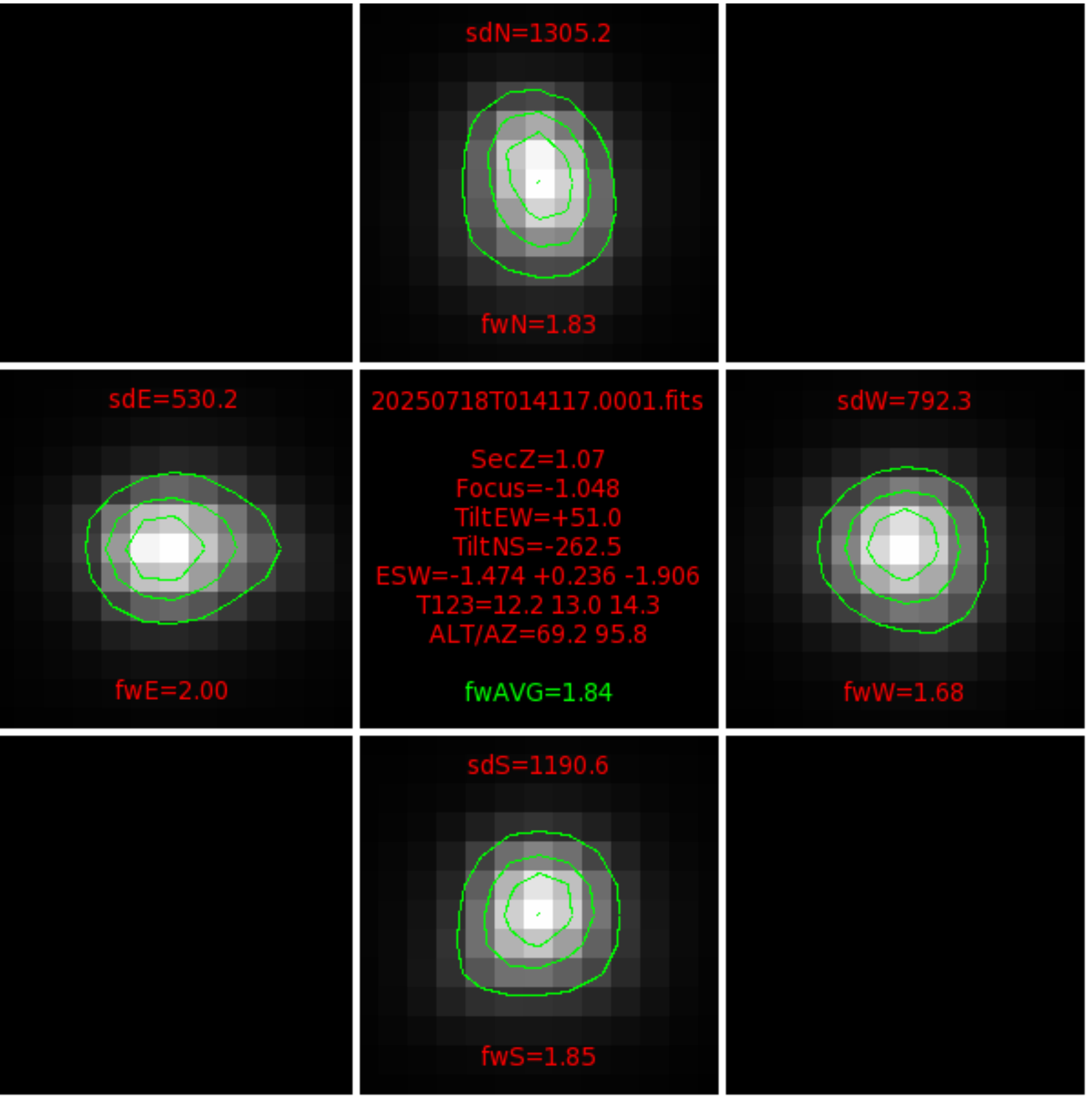
sdN=1305.2
fwN=1.83
sdE=530.2
fwE=2.00
20250718T014117.0001.fits
SecZ=1.07
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.2 13.0 14.3
ALT/AZ=69.2 95.8
fwAVG=1.84
sdW=792.3
fwW=1.68
sdS=1190.6
fwS=1.85
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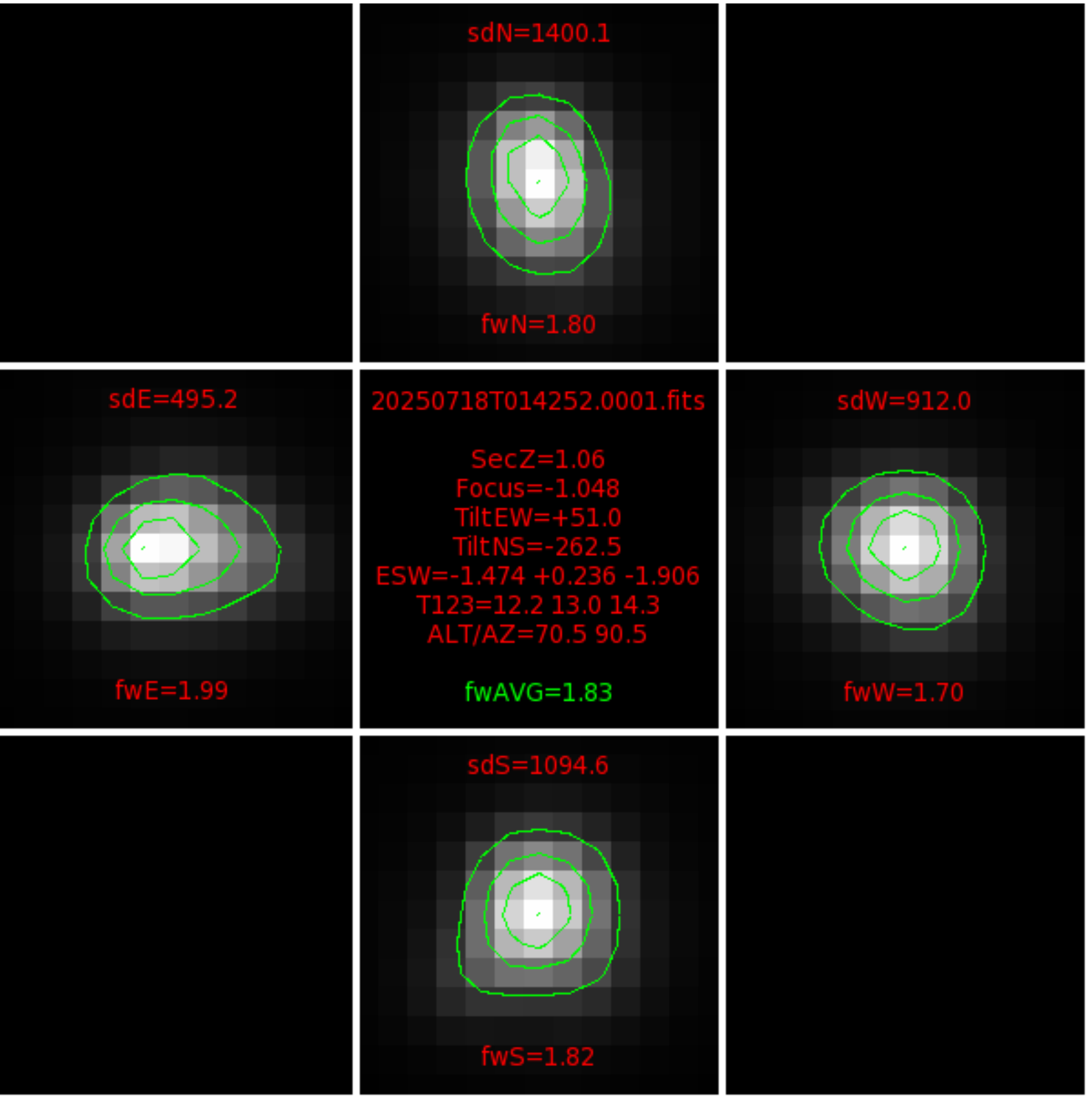
sdN=1400.1
fwN=1.80
sdE=495.2
fwE=1.99
20250718T014252.0001.fits
SecZ=1.06
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.2 13.0 14.3
ALT/AZ=70.5 90.5
fwAVG=1.83
sdW=912.0
fwW=1.70
sdS=1094.6
fwS=1.82
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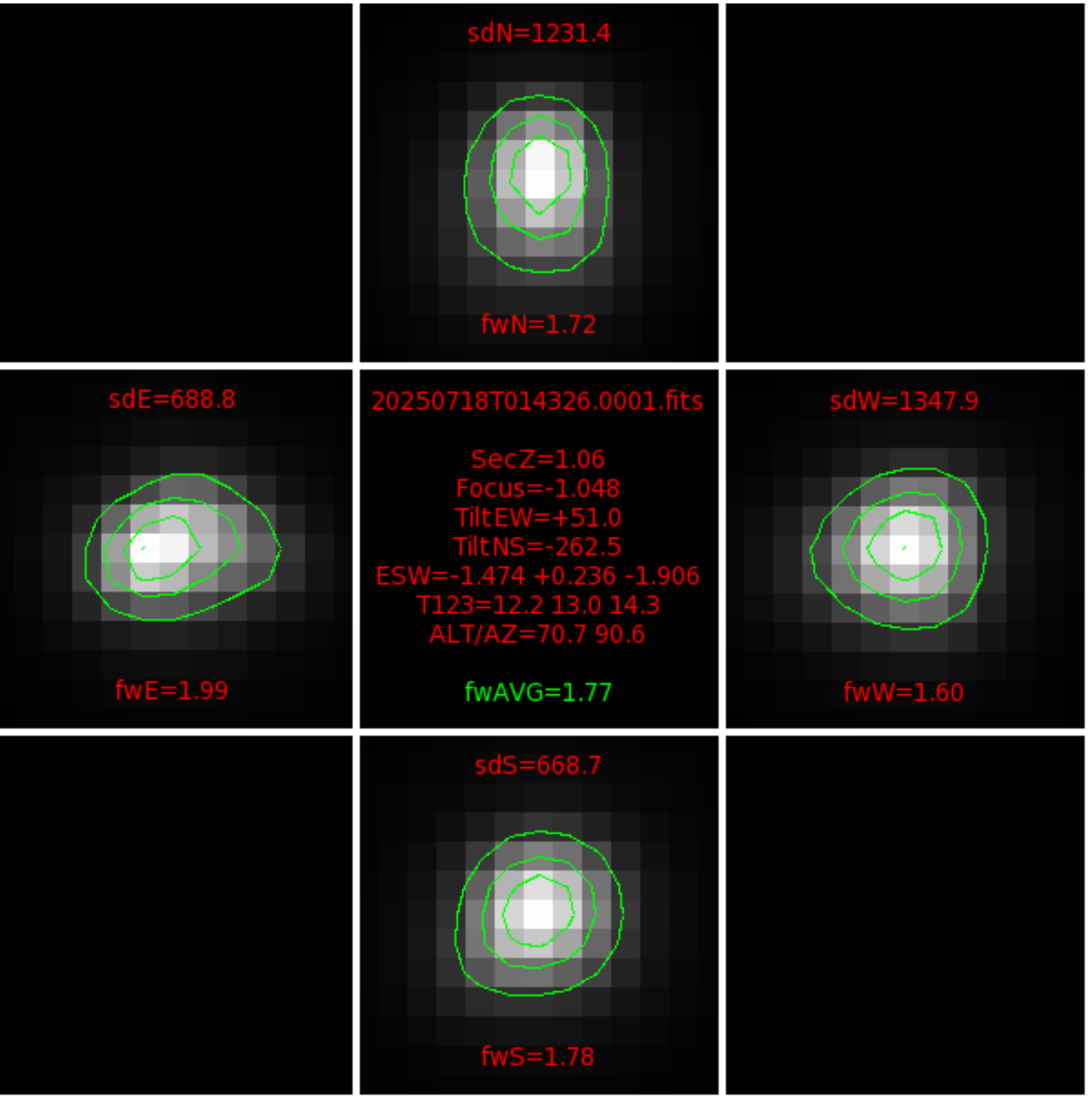
sdN=1231.4
fwN=1.72
sdE=688.8
fwE=1.99
20250718T014326.0001.fits
SecZ=1.06
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.2 13.0 14.3
ALT/AZ=70.7 90.6
fwAVG=1.77
sdW=1347.9
fwW=1.60
sdS=668.7
fwS=1.78
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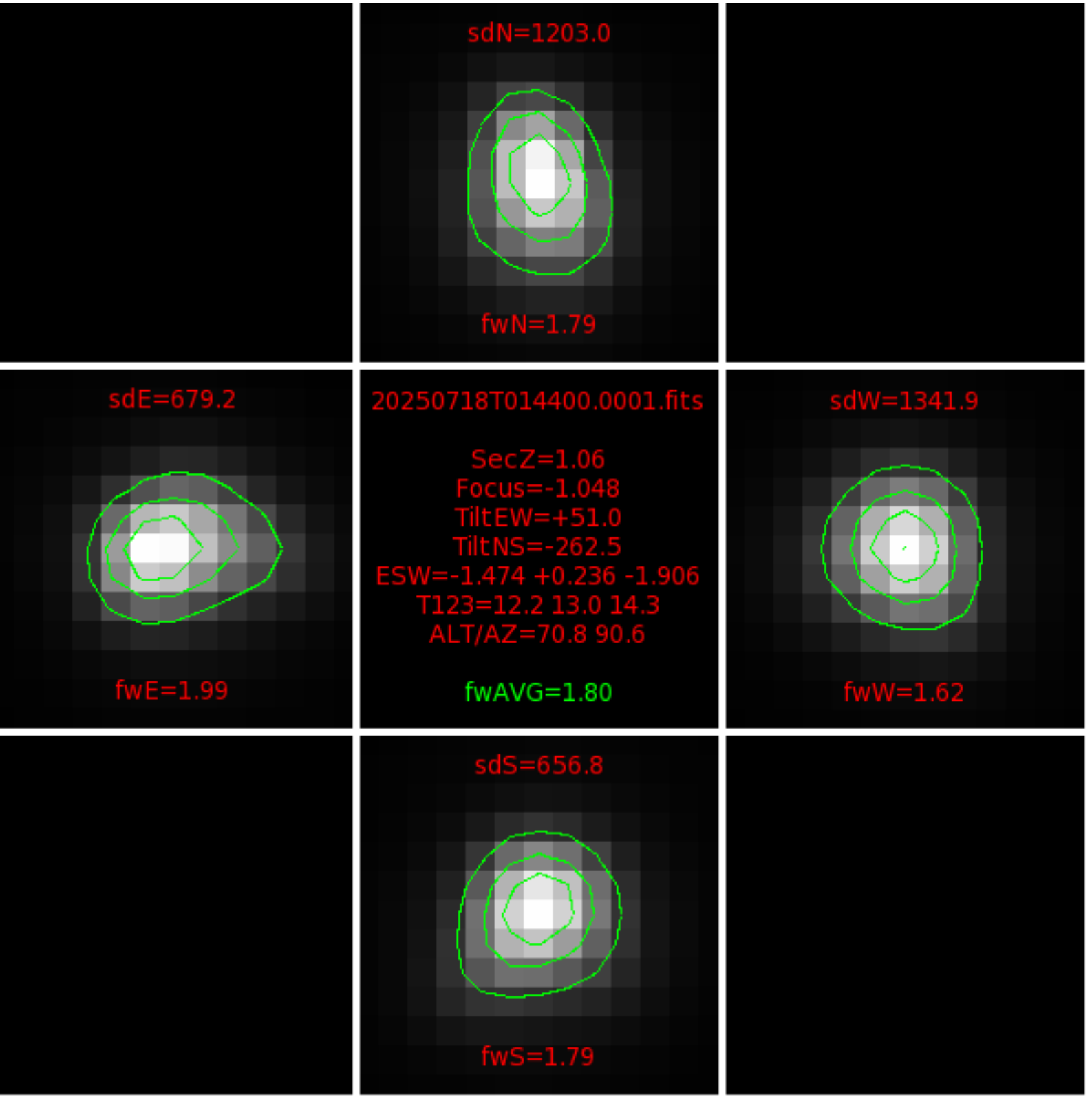
sdN=1203.0
fwN=1.79
sdE=679.2
fwE=1.99
20250718T014400.0001.fits
SecZ=1.06
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.2 13.0 14.3
ALT/AZ=70.8 90.6
fwAVG=1.80
sdW=1341.9
fwW=1.62
sdS=656.8
fwS=1.79
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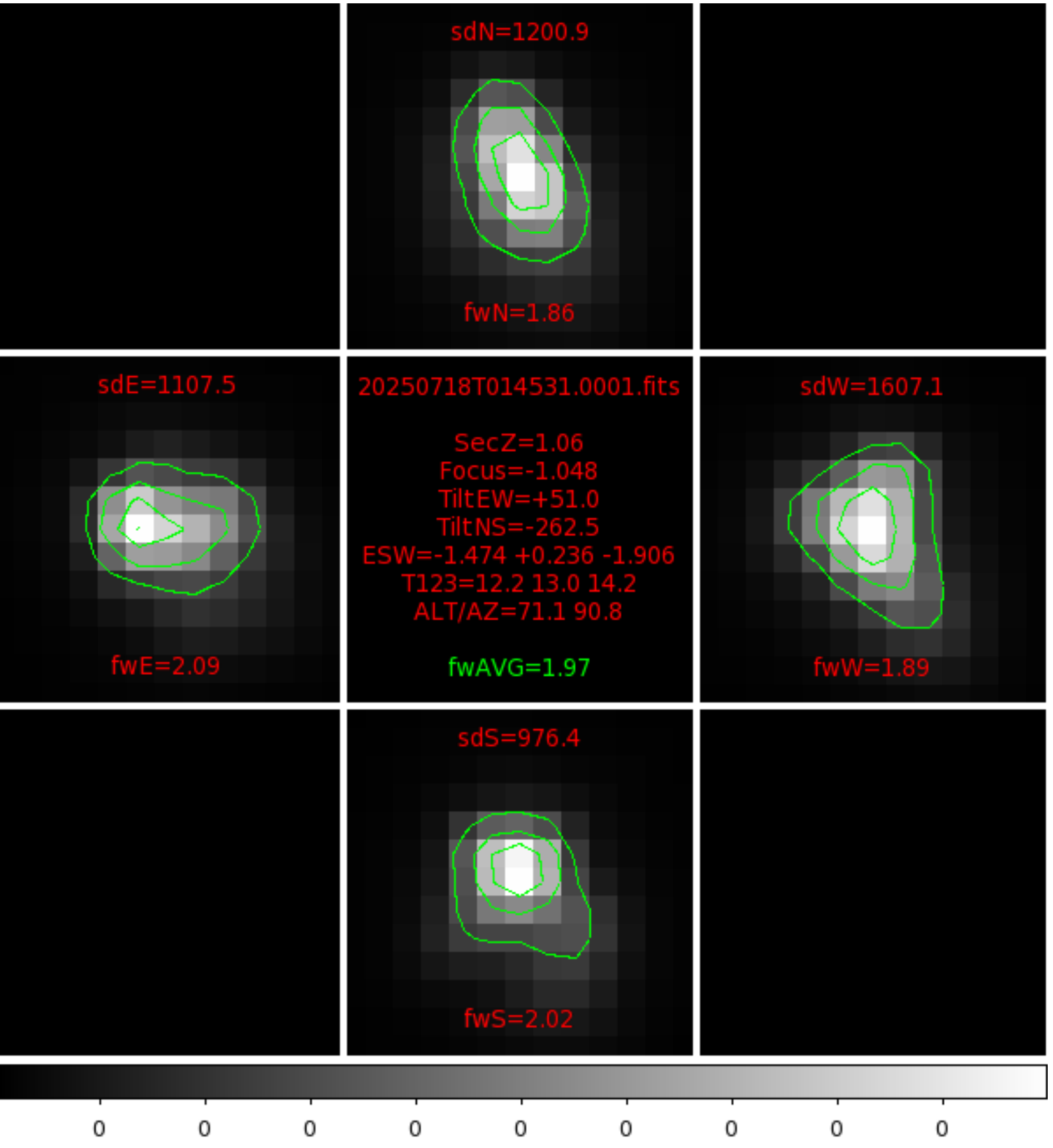
sdN=1200.9
fwN=1.86
sdE=1107.5
fwE=2.09
20250718T014531.0001.fits
SecZ=1.06
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.2 13.0 14.2
ALT/AZ=71.1 90.8
fwAVG=1.97
sdW=1607.1
fwW=1.89
sdS=976.4
fwS=2.02
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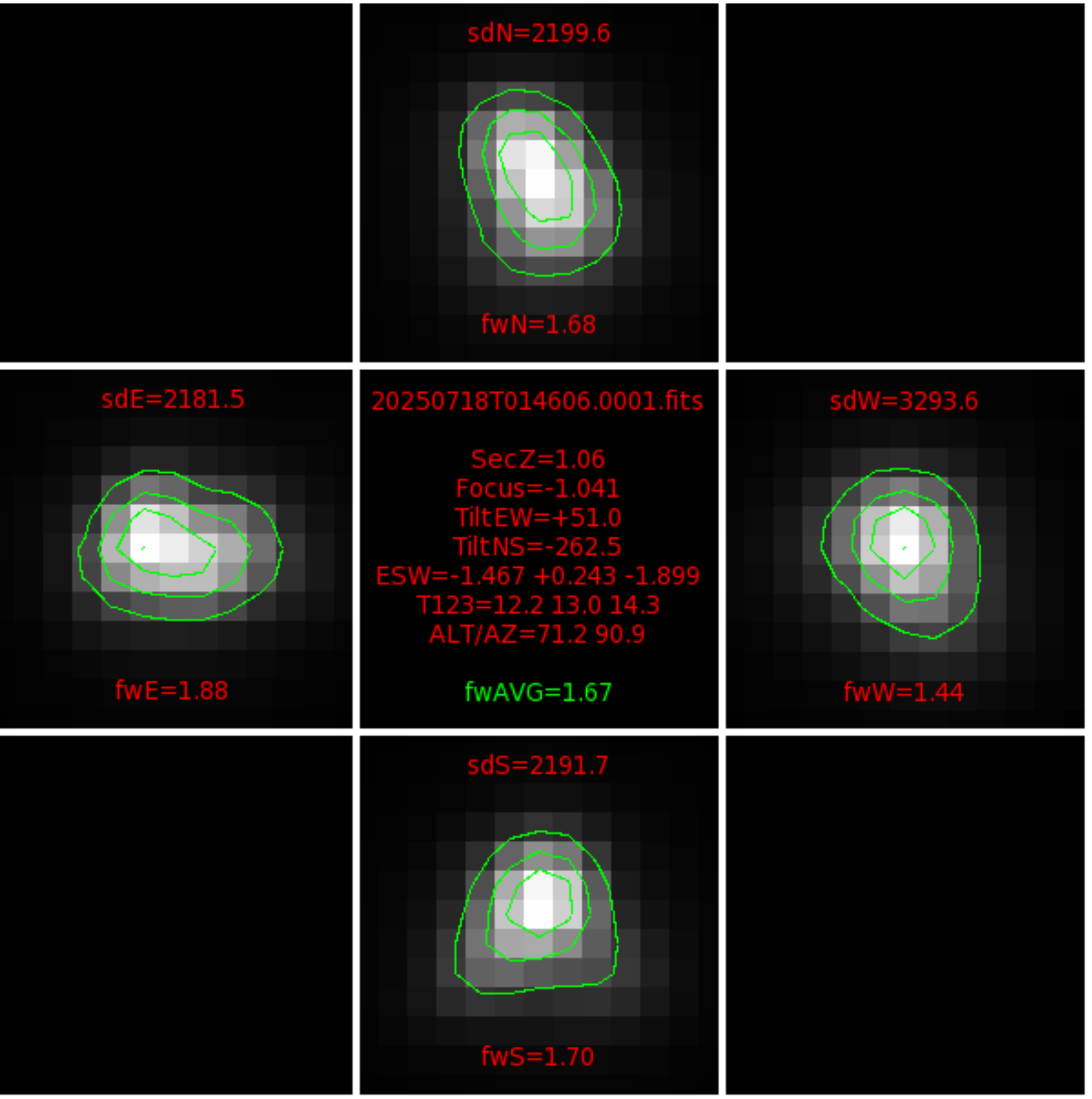
sdN=2199.6
fwN=1.68
sdE=2181.5
fwE=1.88
20250718T014606.0001.fits
SecZ=1.06
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.2 13.0 14.3
ALT/AZ=71.2 90.9
fwAVG=1.67
sdW=3293.6
fwW=1.44
sdS=2191.7
fwS=1.70
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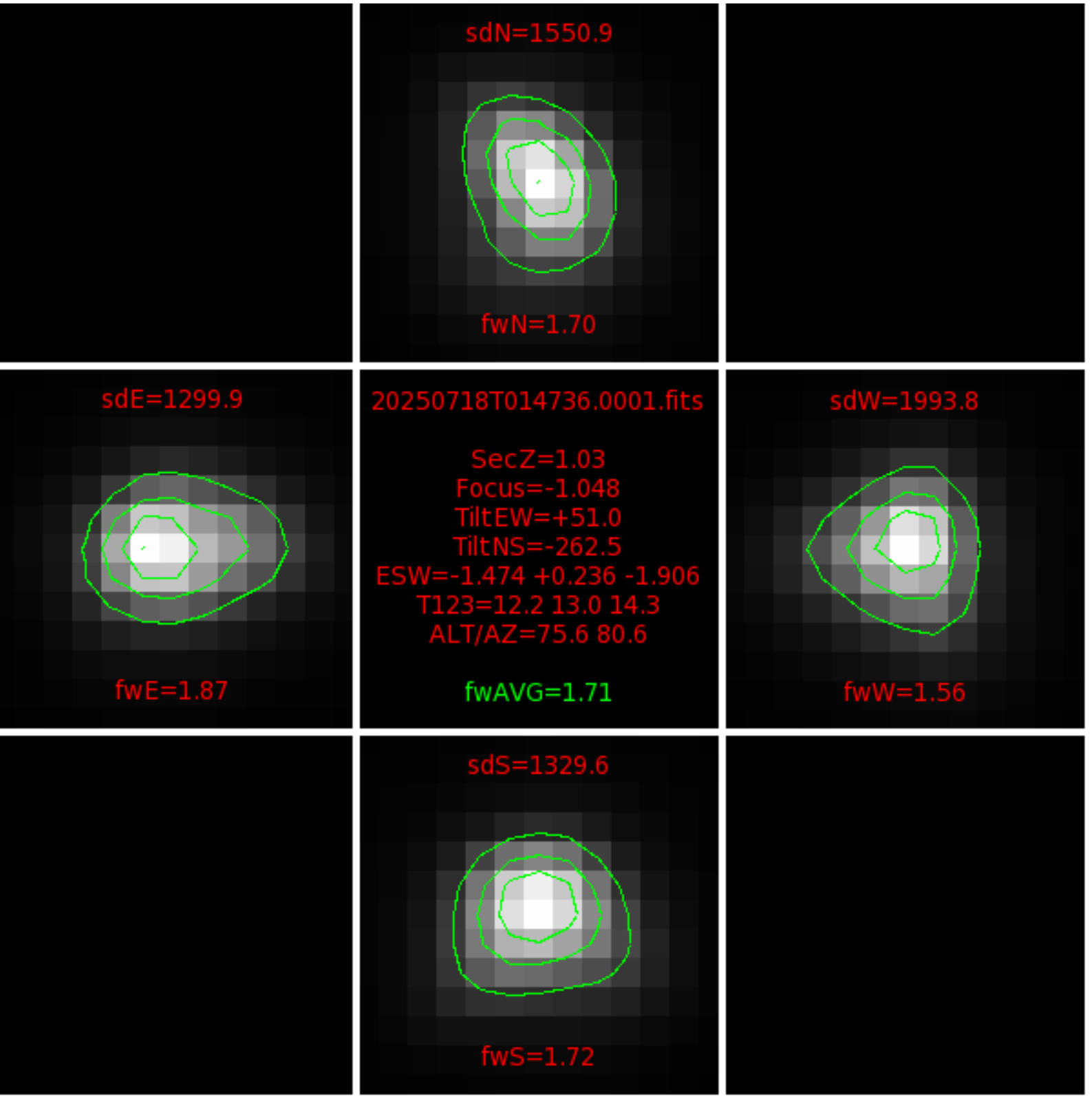
sdN=1550.9
fwN=1.70
sdE=1299.9
fwE=1.87
20250718T014736.0001.fits
SecZ=1.03
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.2 13.0 14.3
ALT/AZ=75.6 80.6
fwAVG=1.71
sdW=1993.8
fwW=1.56
sdS=1329.6
fwS=1.72
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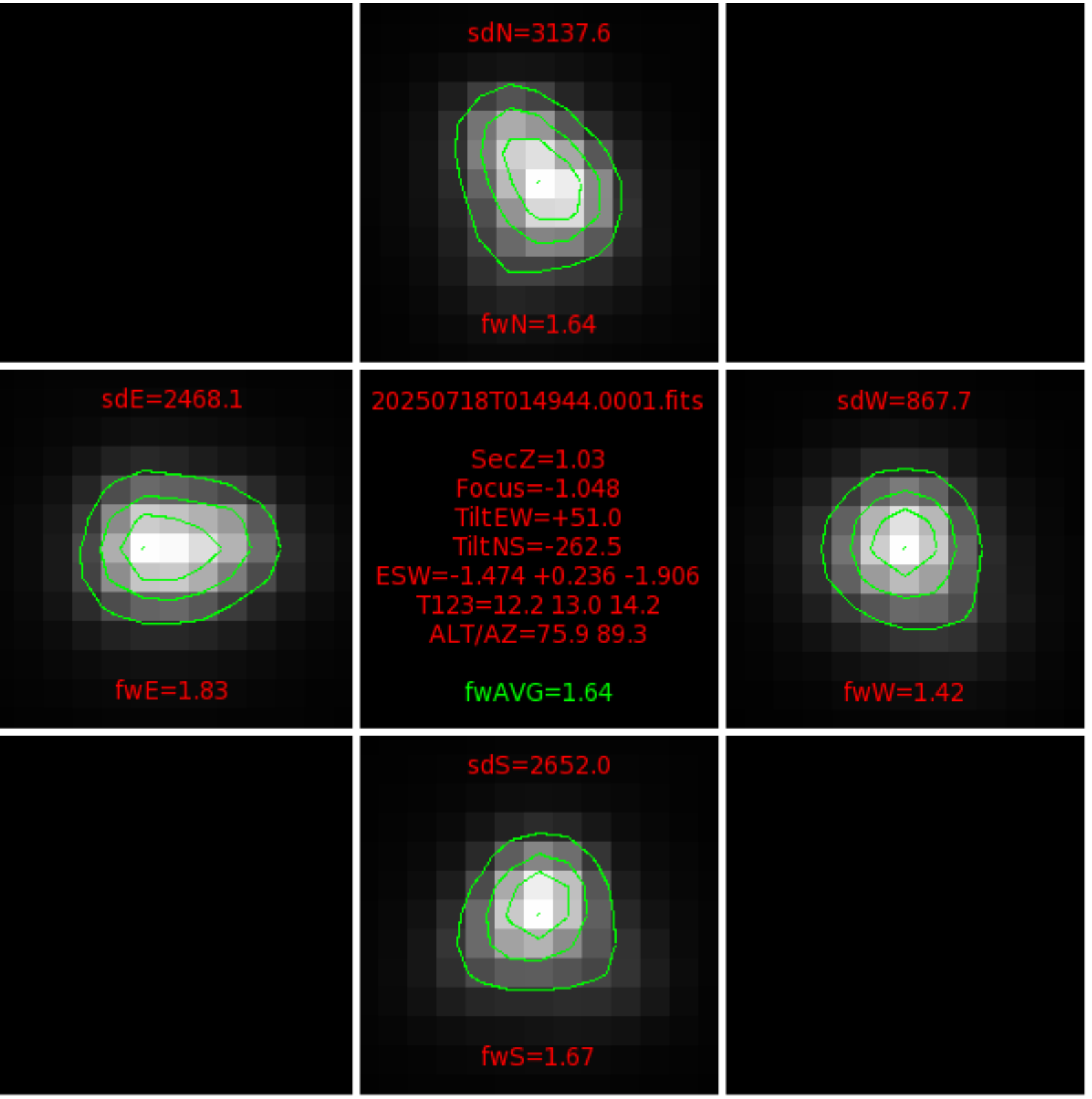
sdN=3137.6
fwN=1.64
sdE=2468.1
fwE=1.83
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SecZ=1.03
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.2 13.0 14.2
ALT/AZ=75.9 89.3
fwAVG=1.64
sdW=867.7
fwW=1.42
sdS=2652.0
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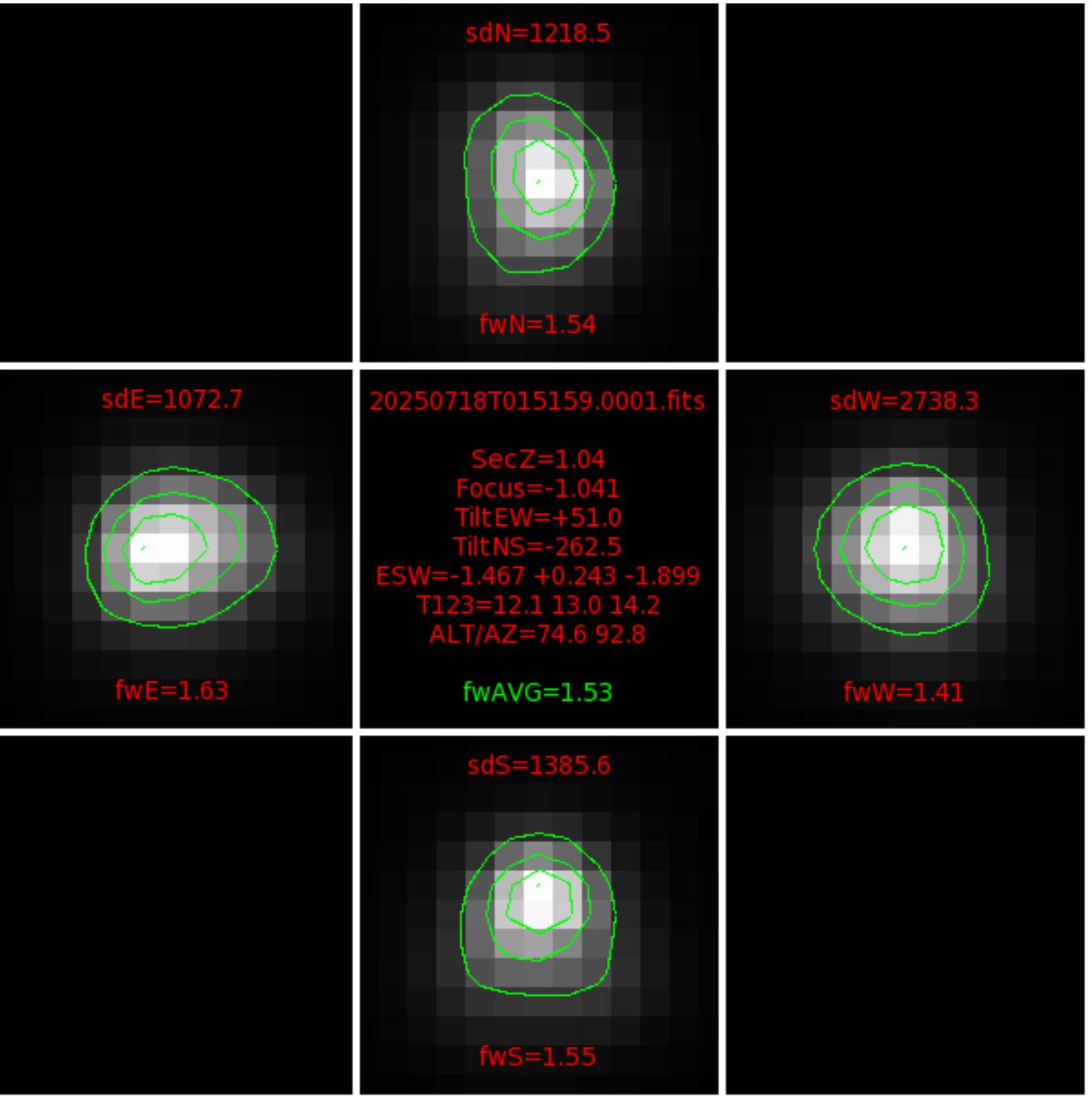
sdN=1218.5
fwN=1.54
sdE=1072.7
fwE=1.63
20250718T015159.0001.fits
SecZ=1.04
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.1 13.0 14.2
ALT/AZ=74.6 92.8
fwAVG=1.53
sdW=2738.3
fwW=1.41
sdS=1385.6
fwS=1.55
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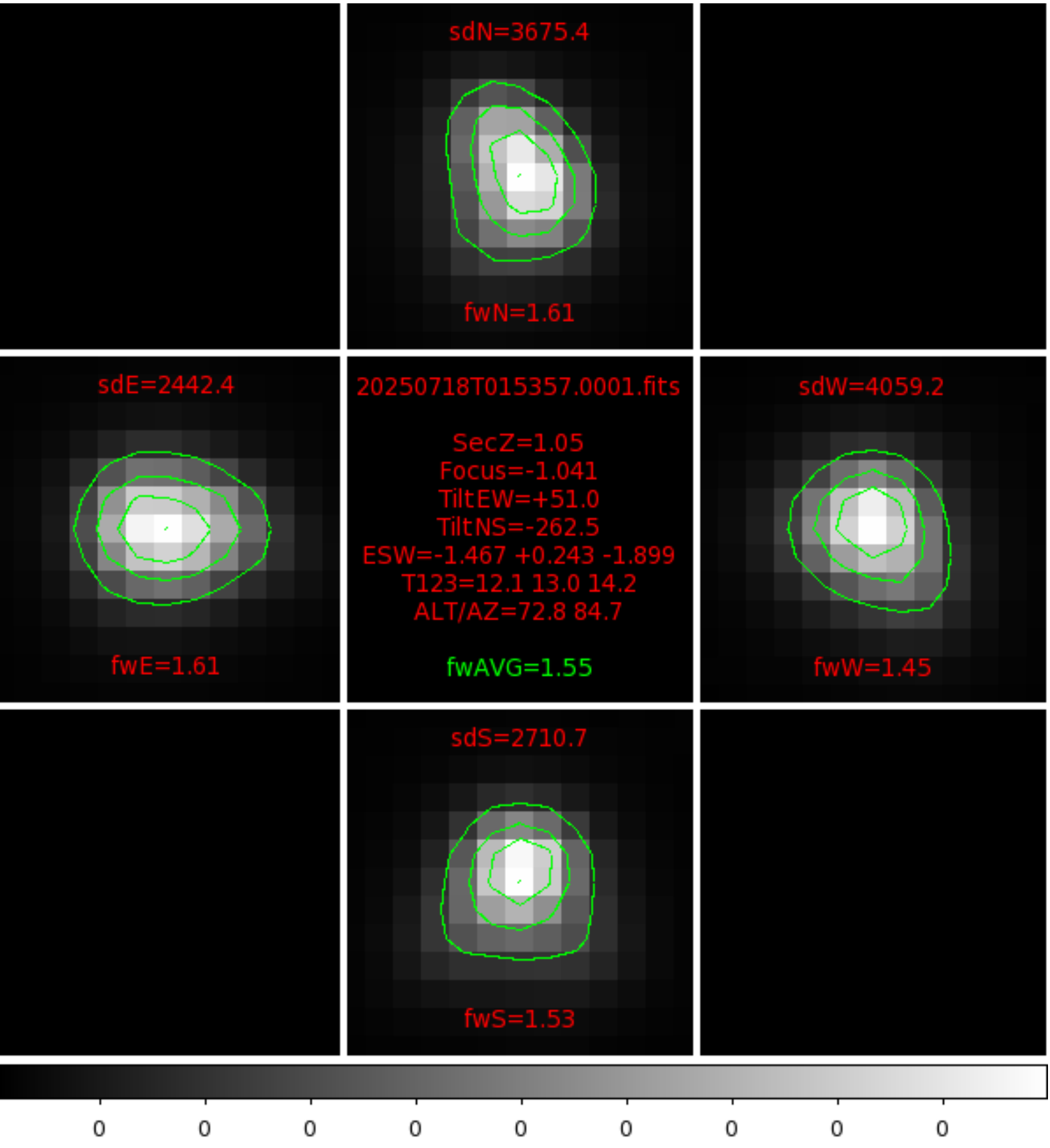
sdN=3675.4
fwN=1.61
sdE=2442.4
fwE=1.61
20250718T015357.0001.fits
SecZ=1.05
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.1 13.0 14.2
ALT/AZ=72.8 84.7
fwAVG=1.55
sdW=4059.2
fwW=1.45
sdS=2710.7
fwS=1.53
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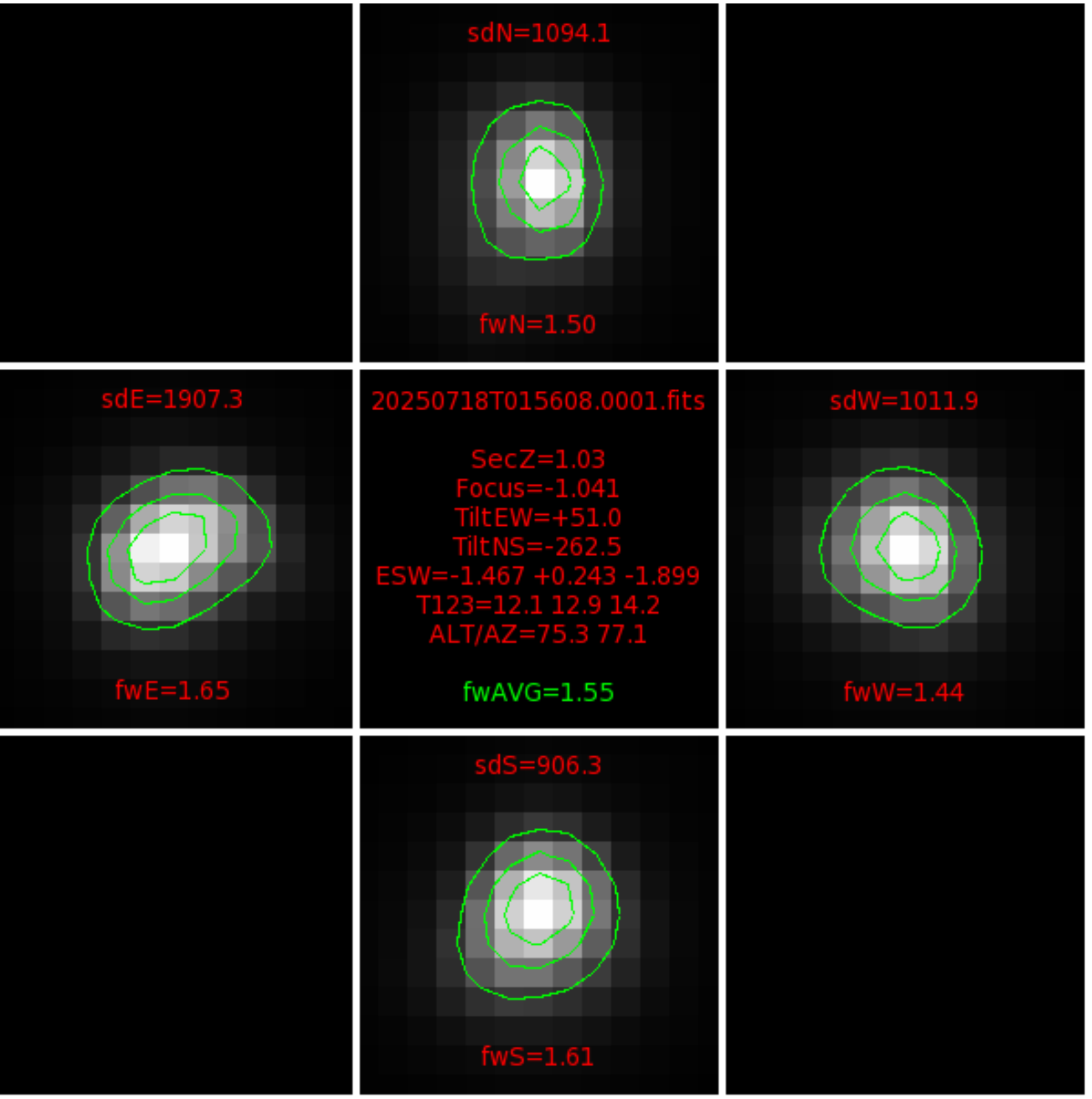
sdN=1094.1
fwN=1.50
sdE=1907.3
fwE=1.65
20250718T015608.0001.fits
SecZ=1.03
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.1 12.9 14.2
ALT/AZ=75.3 77.1
fwAVG=1.55
sdW=1011.9
fwW=1.44
sdS=906.3
fwS=1.61
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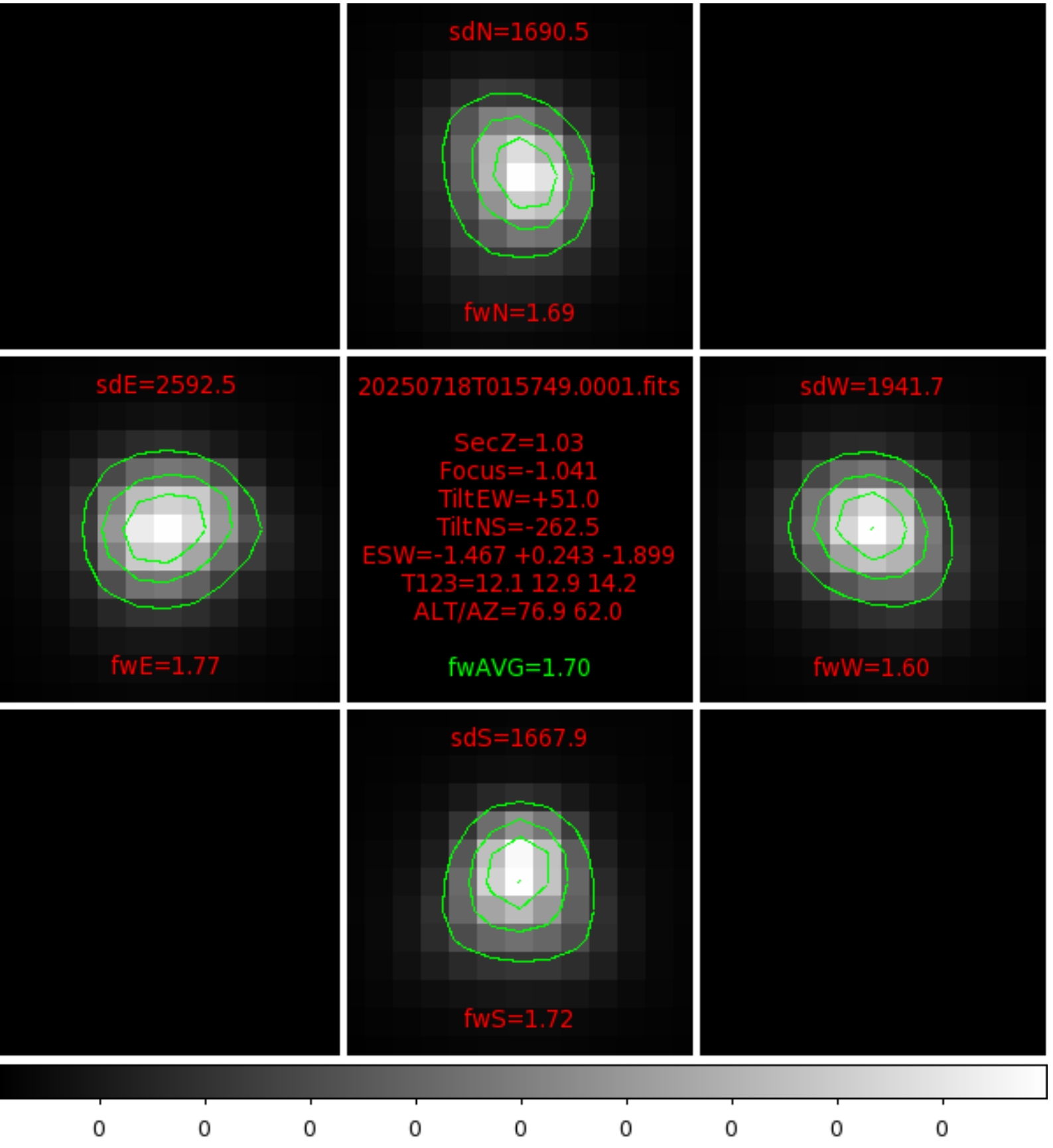
sdN=1690.5
fwN=1.69
sdE=2592.5
fwE=1.77
20250718T015749.0001.fits
SecZ=1.03
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.1 12.9 14.2
ALT/AZ=76.9 62.0
fwAVG=1.70
sdW=1941.7
fwW=1.60
sdS=1667.9
fwS=1.72
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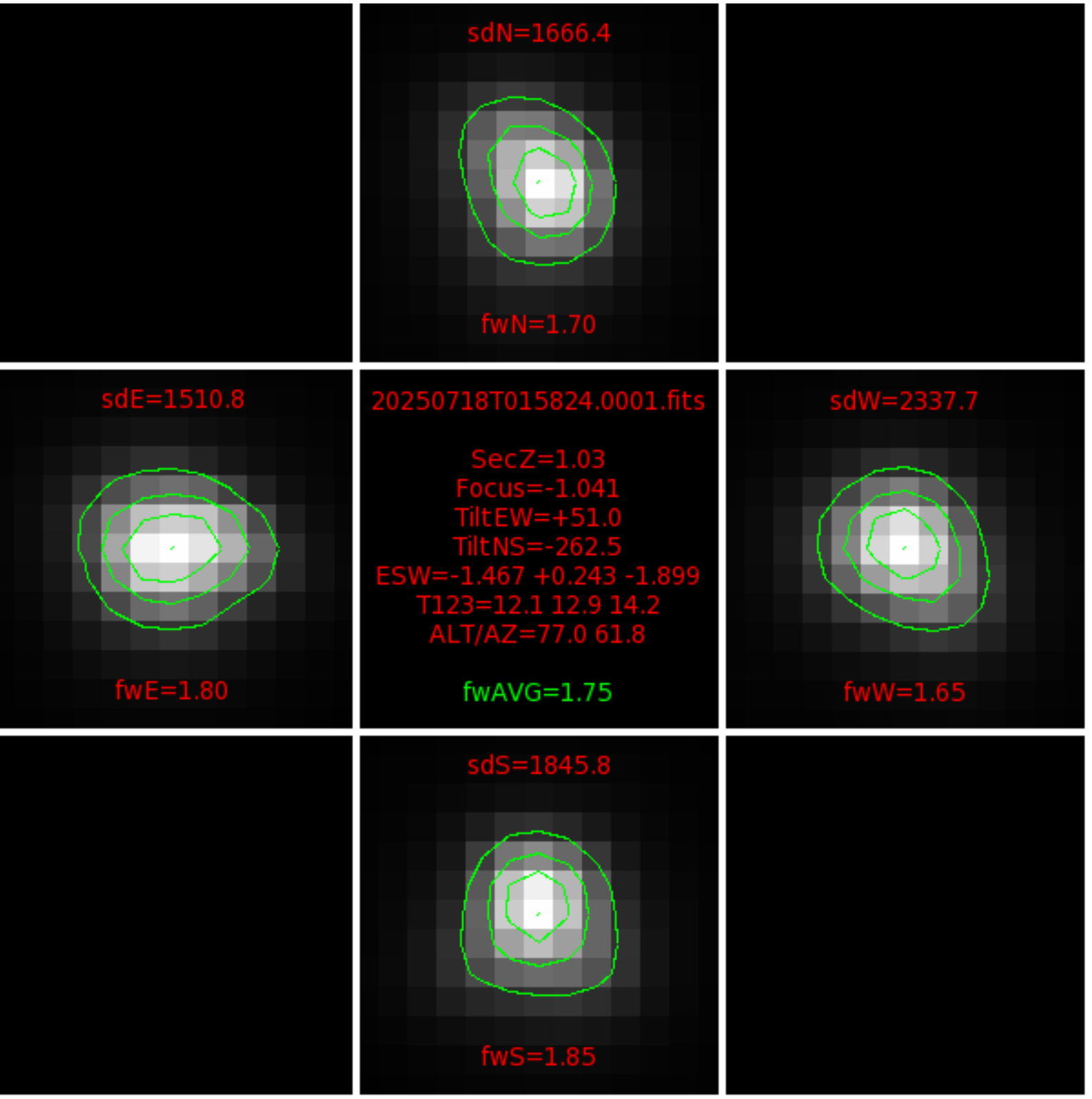
sdN=1666.4
fwN=1.70
sdE=1510.8
fwE=1.80
20250718T015824.0001.fits
SecZ=1.03
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.1 12.9 14.2
ALT/AZ=77.0 61.8
fwAVG=1.75
sdW=2337.7
fwW=1.65
sdS=1845.8
fwS=1.85
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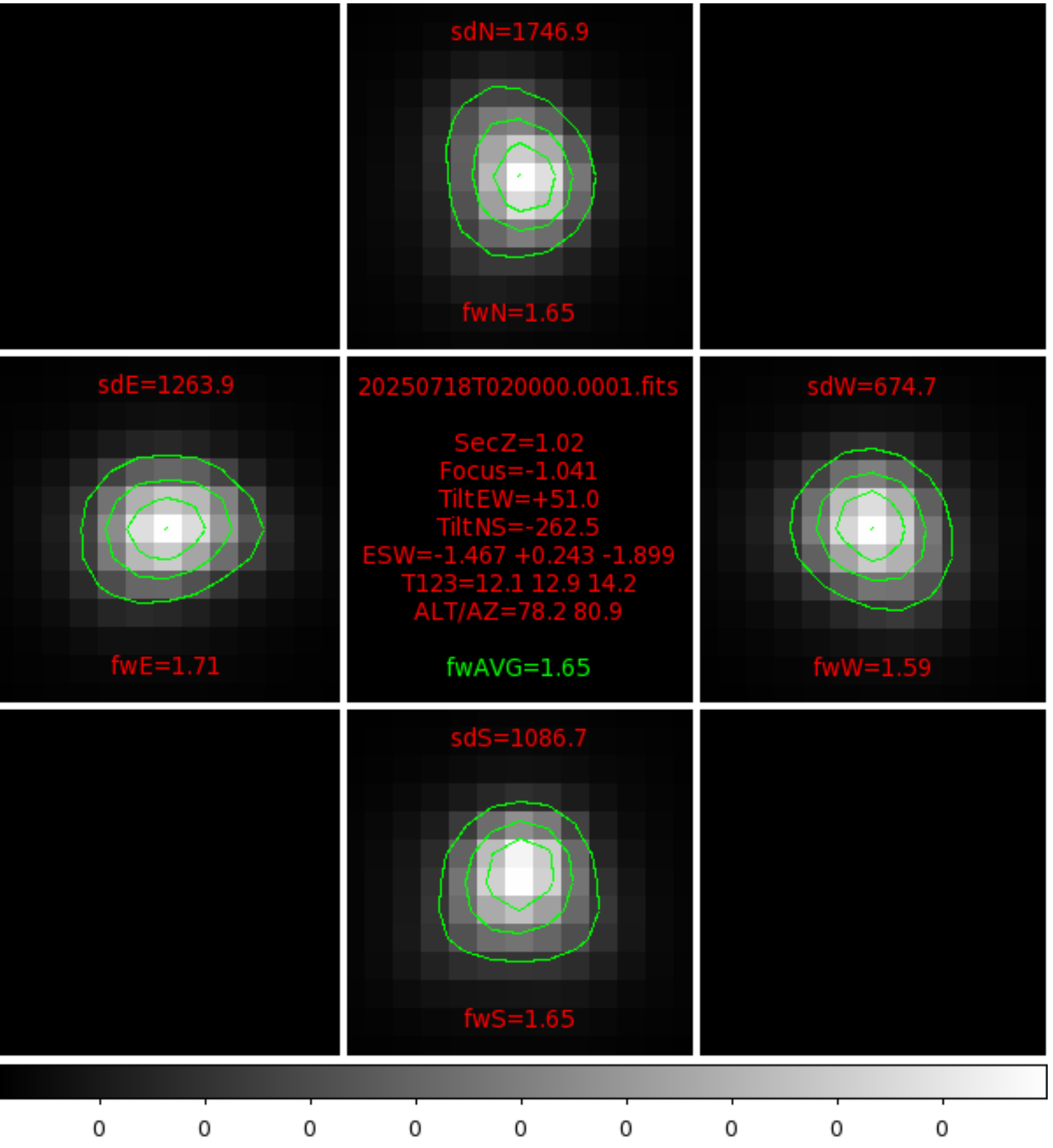
sdN=1746.9
fwN=1.65
sdE=1263.9
fwE=1.71
20250718T020000.0001.fits
SecZ=1.02
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.1 12.9 14.2
ALT/AZ=78.2 80.9
fwAVG=1.65
sdW=674.7
fwW=1.59
sdS=1086.7
fwS=1.65
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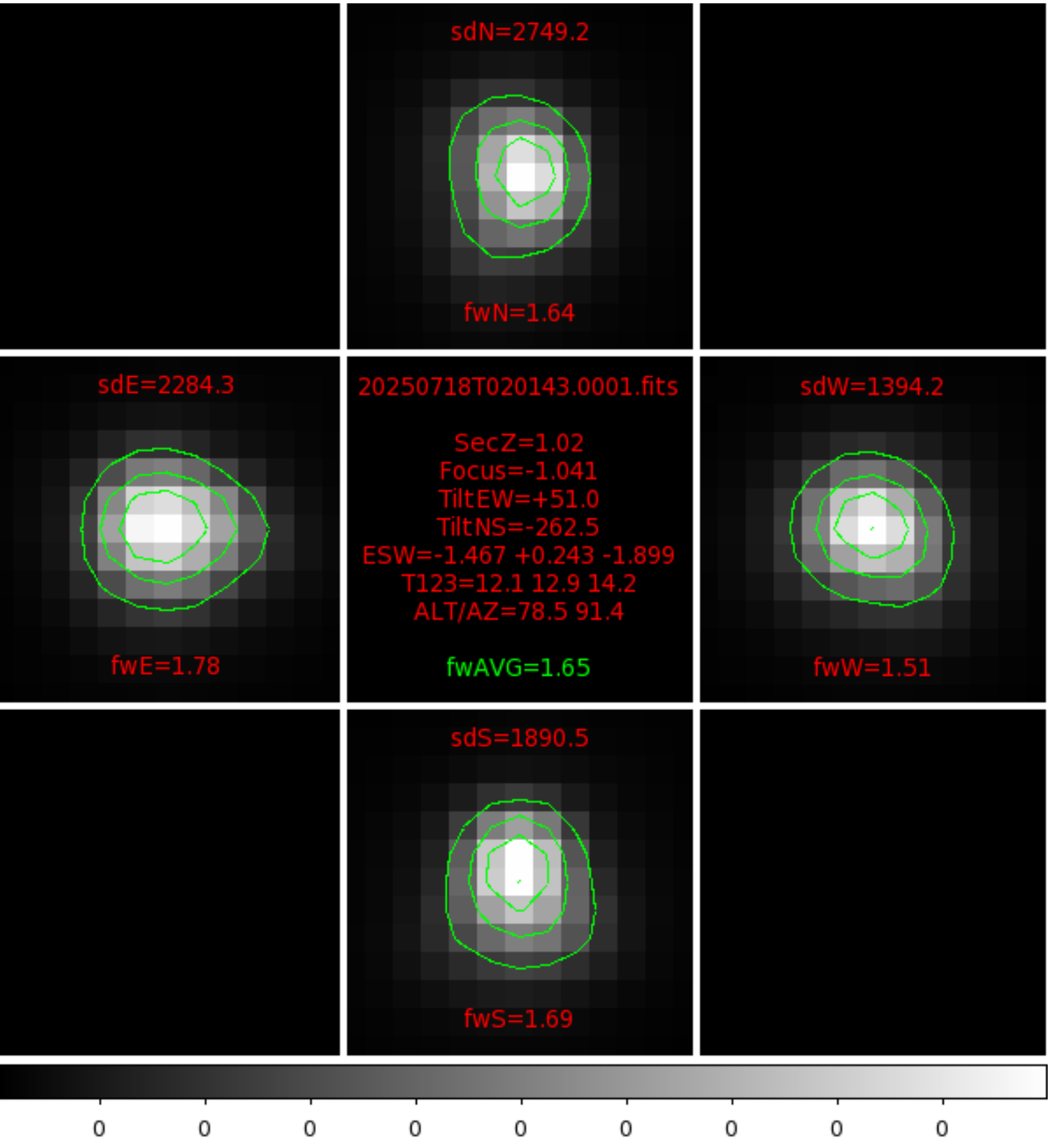
sdN=2749.2
fwN=1.64
sdE=2284.3
fwE=1.78
20250718T020143.0001.fits
SecZ=1.02
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.1 12.9 14.2
ALT/AZ=78.5 91.4
fwAVG=1.65
sdW=1394.2
fwW=1.51
sdS=1890.5
fwS=1.69
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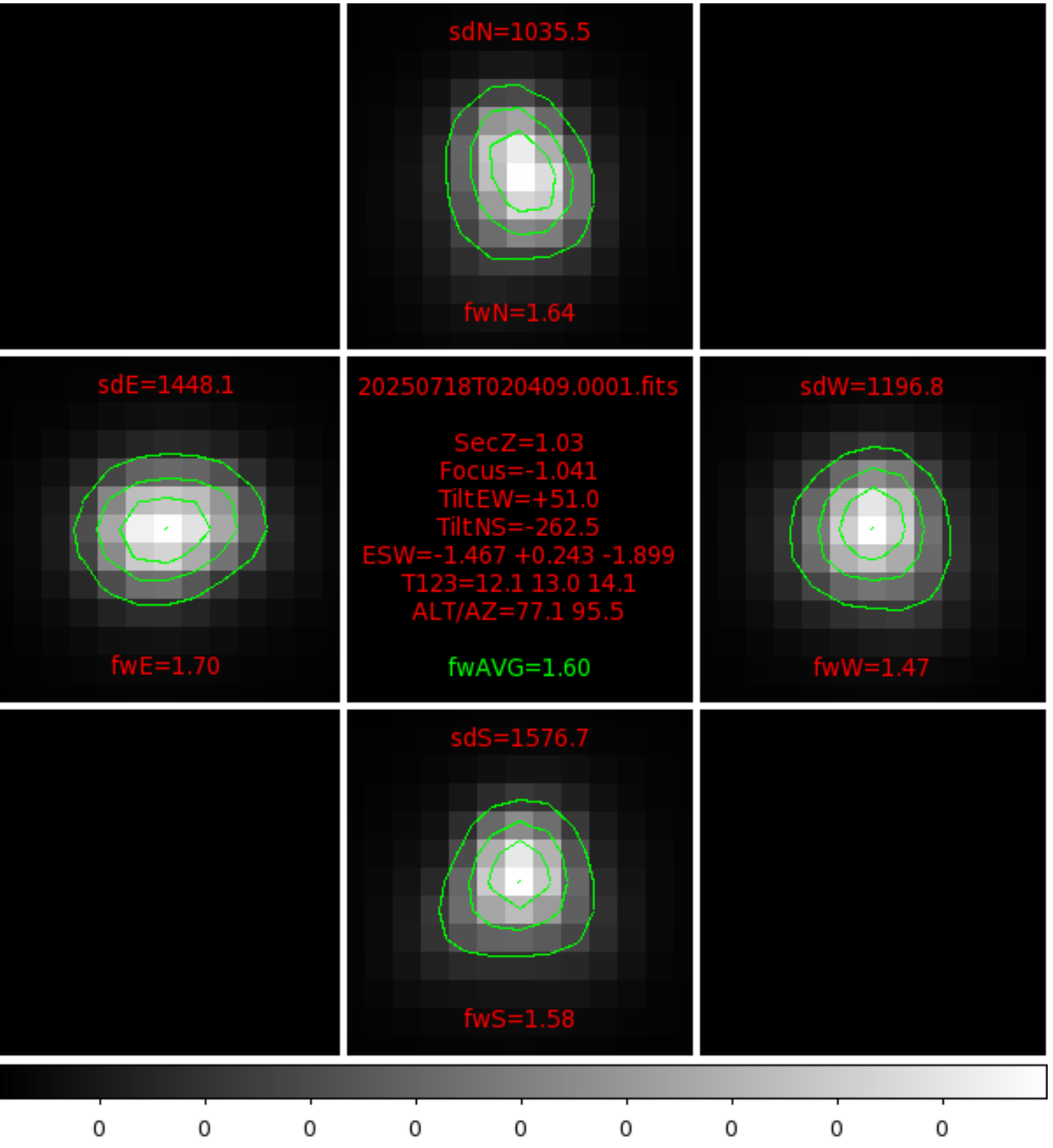
sdN=1035.5
fwN=1.64
sdE=1448.1
fwE=1.70
20250718T020409.0001.fits
SecZ=1.03
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.1 13.0 14.1
ALT/AZ=77.1 95.5
fwAVG=1.60
sdW=1196.8
fwW=1.47
sdS=1576.7
fwS=1.58
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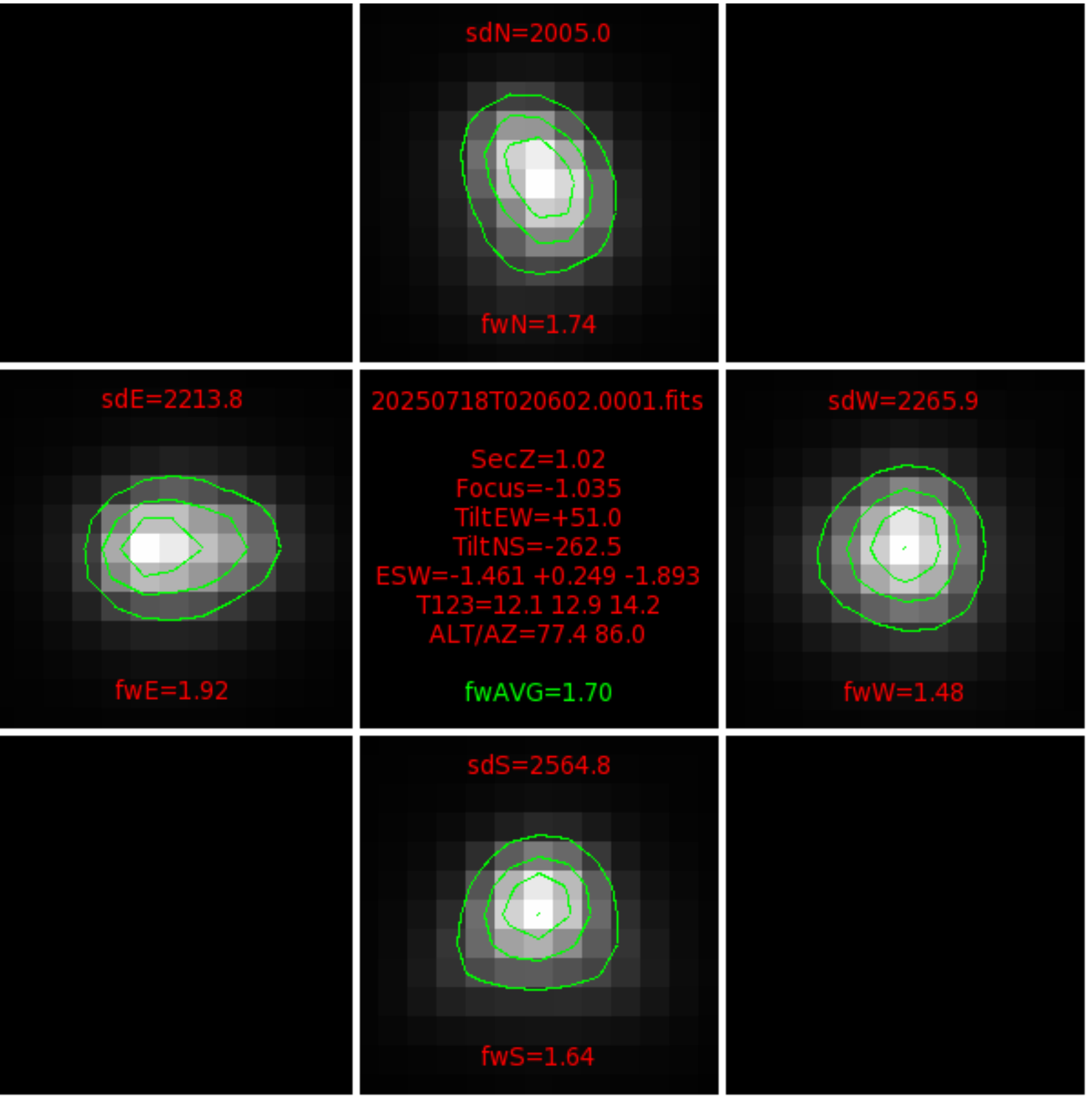
sdN=2005.0
fwN=1.74
sdE=2213.8
fwE=1.92
20250718T020602.0001.fits
SecZ=1.02
Focus=-1.035
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.461 +0.249 -1.893
T123=12.1 12.9 14.2
ALT/AZ=77.4 86.0
fwAVG=1.70
sdW=2265.9
fwW=1.48
sdS=2564.8
fwS=1.64
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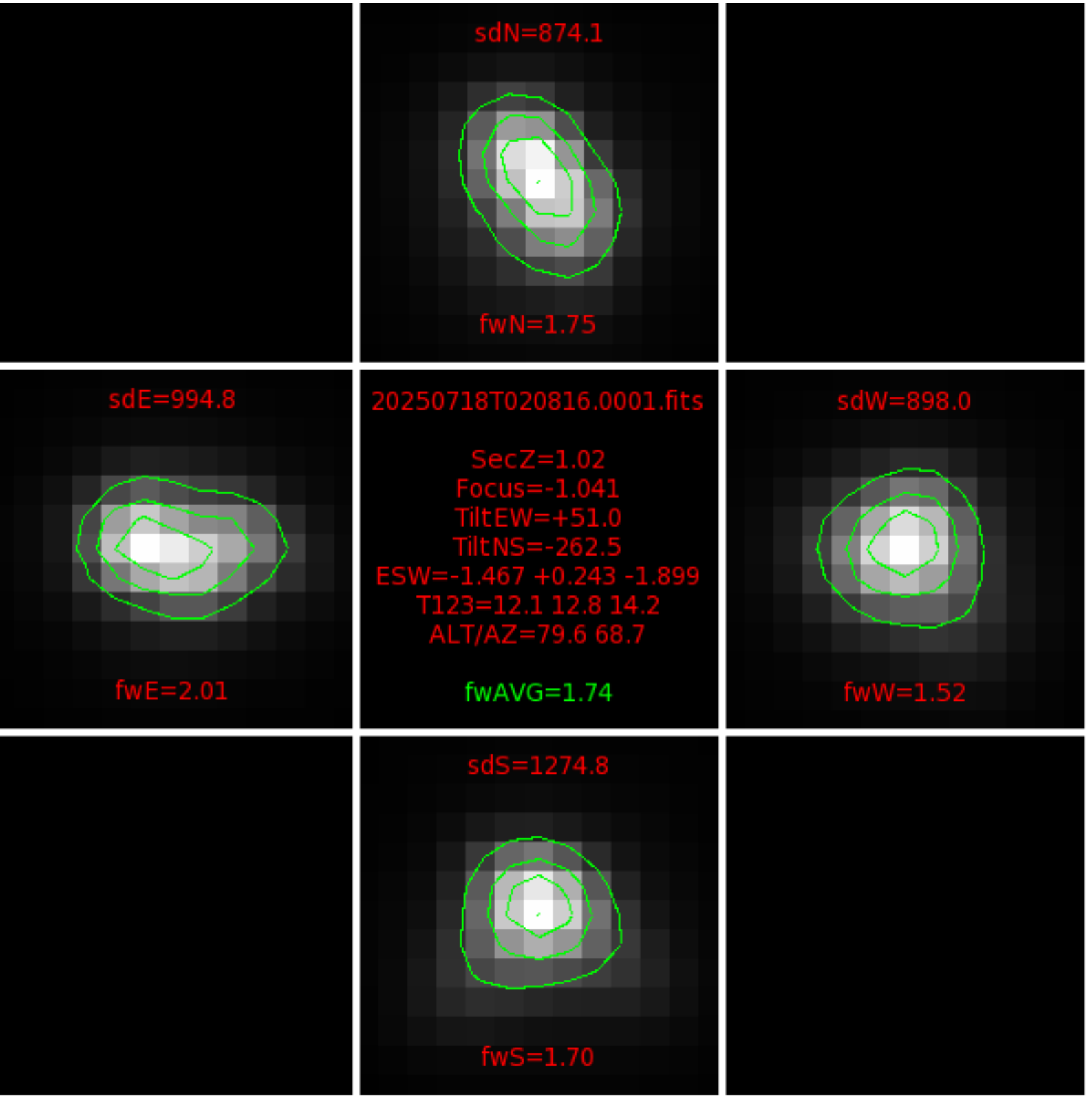
sdN=874.1
fwN=1.75
sdE=994.8
fwE=2.01
20250718T020816.0001.fits
SecZ=1.02
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.1 12.8 14.2
ALT/AZ=79.6 68.7
fwAVG=1.74
sdW=898.0
fwW=1.52
sdS=1274.8
fwS=1.70
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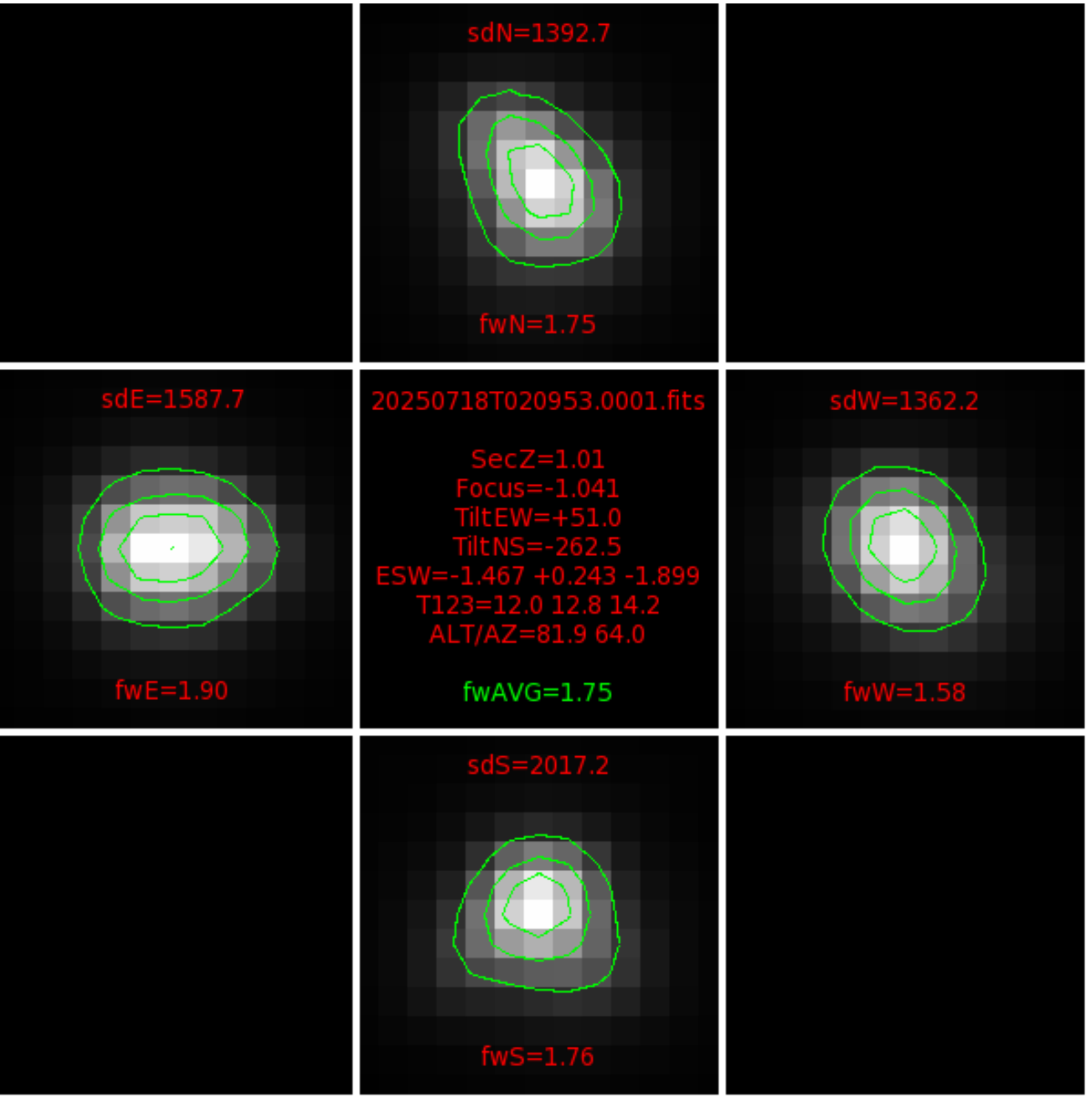
sdN=1392.7
fwN=1.75
sdE=1587.7
fwE=1.90
20250718T020953.0001.fits
SecZ=1.01
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.0 12.8 14.2
ALT/AZ=81.9 64.0
fwAVG=1.75
sdW=1362.2
fwW=1.58
sdS=2017.2
fwS=1.76
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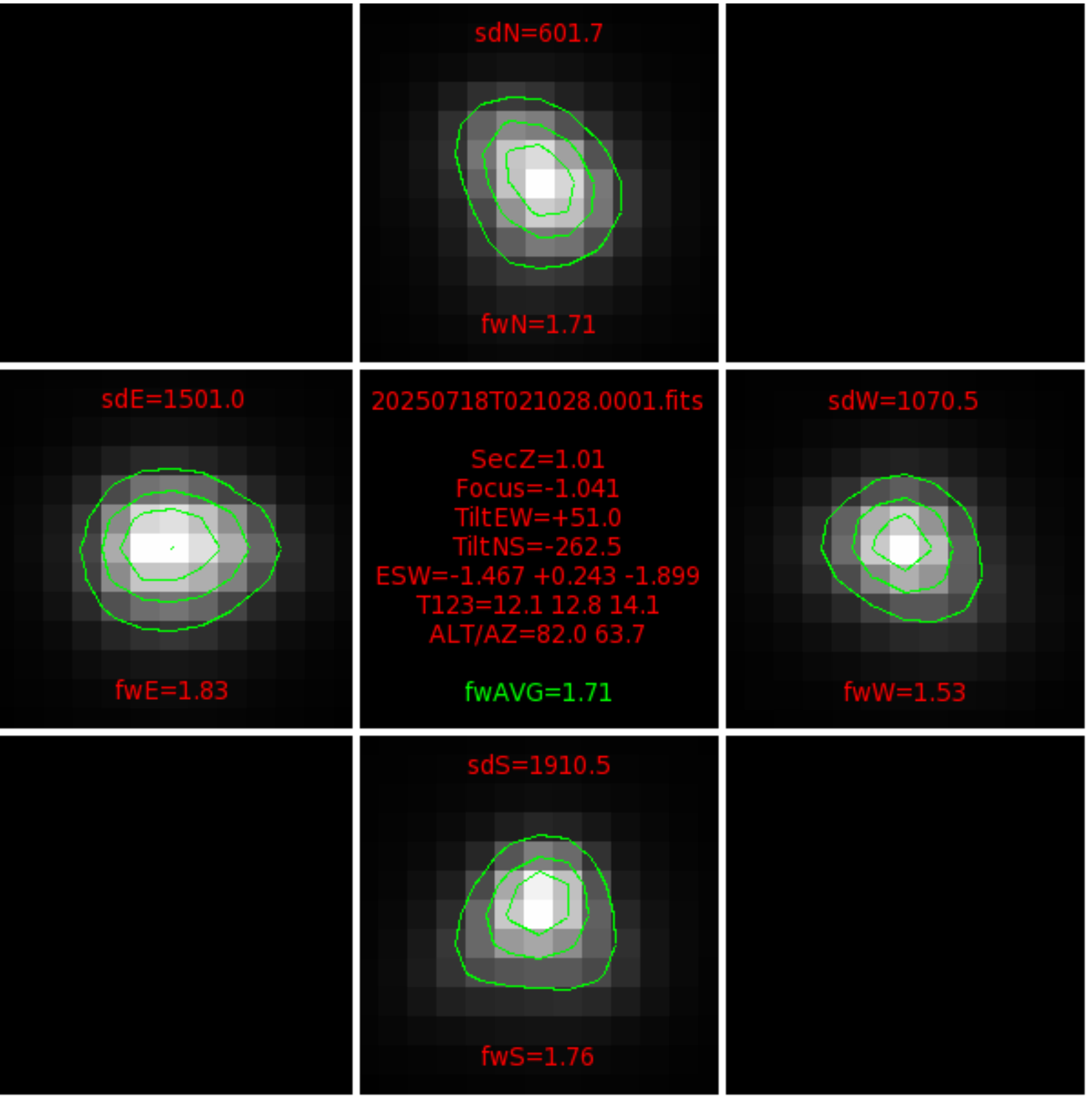
sdN=601.7
fwN=1.71
sdE=1501.0
fwE=1.83
20250718T021028.0001.fits
SecZ=1.01
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.1 12.8 14.1
ALT/AZ=82.0 63.7
fwAVG=1.71
sdW=1070.5
fwW=1.53
sdS=1910.5
fwS=1.76
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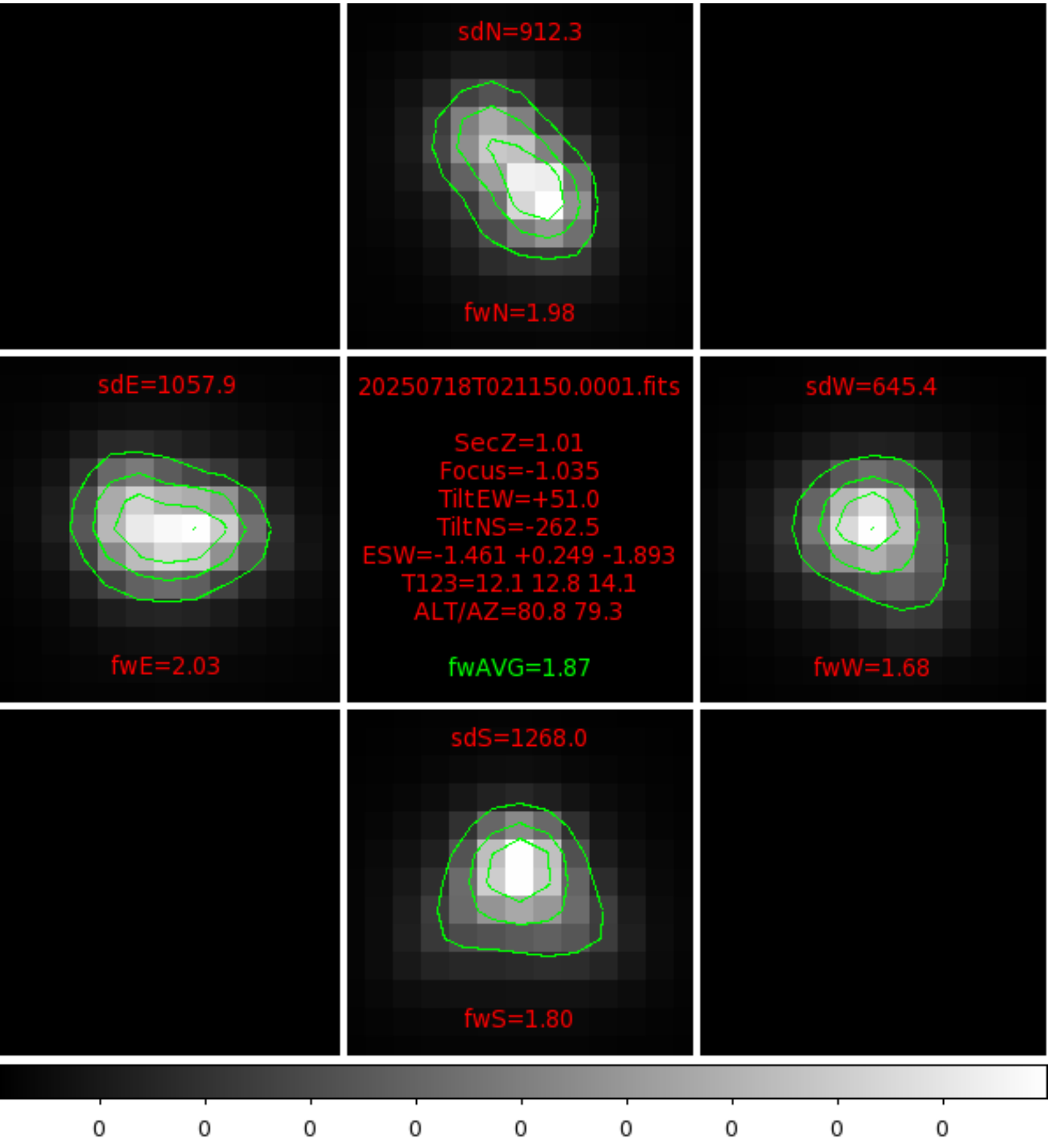
sdN=912.3
fwN=1.98
sdE=1057.9
fwE=2.03
20250718T021150.0001.fits
SecZ=1.01
Focus=-1.035
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.461 +0.249 -1.893
T123=12.1 12.8 14.1
ALT/AZ=80.8 79.3
fwAVG=1.87
sdW=645.4
fwW=1.68
sdS=1268.0
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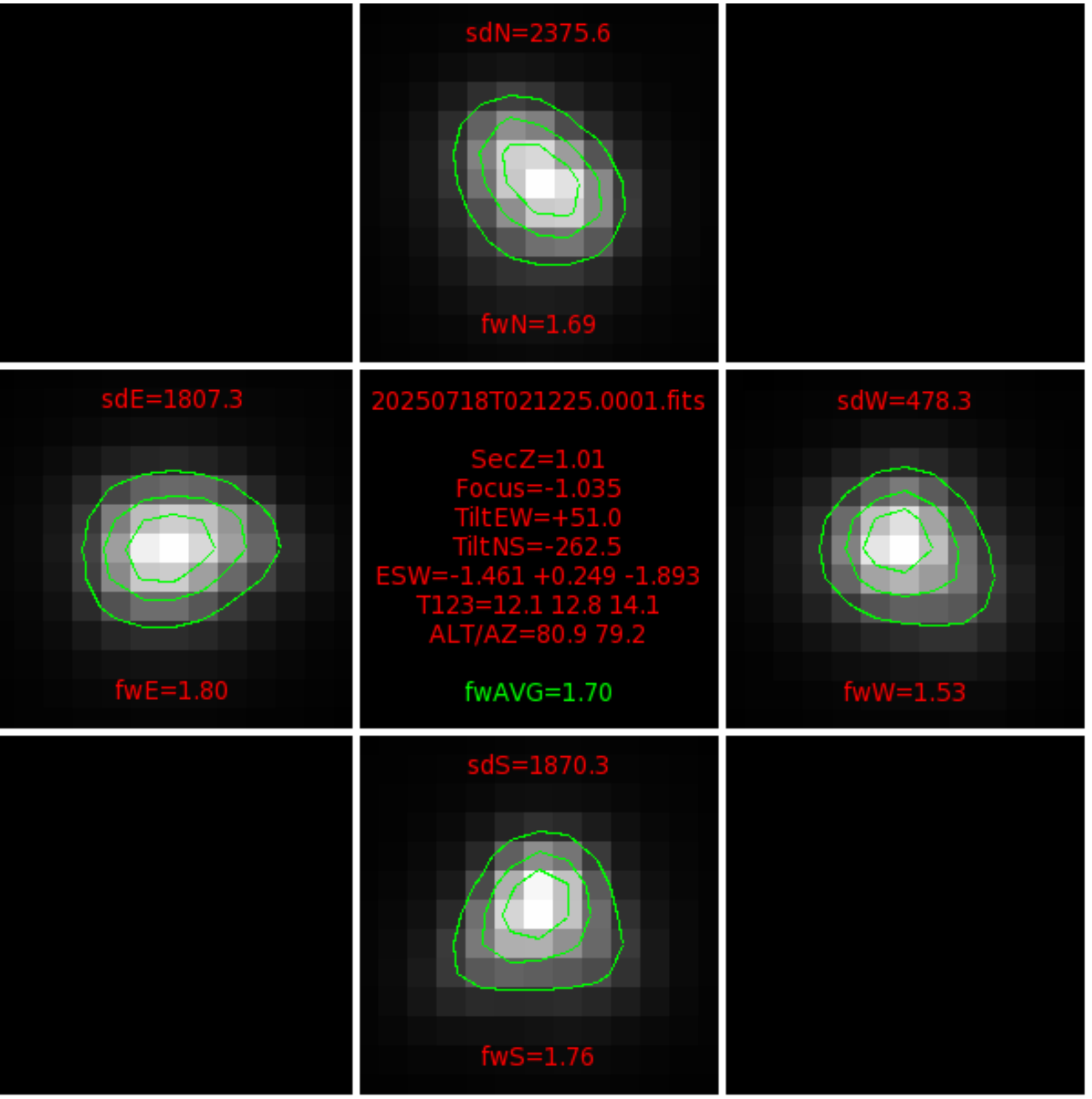
sdN=2375.6
fwN=1.69
sdE=1807.3
fwE=1.80
20250718T021225.0001.fits
SecZ=1.01
Focus=-1.035
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.461 +0.249 -1.893
T123=12.1 12.8 14.1
ALT/AZ=80.9 79.2
fwAVG=1.70
sdW=478.3
fwW=1.53
sdS=1870.3
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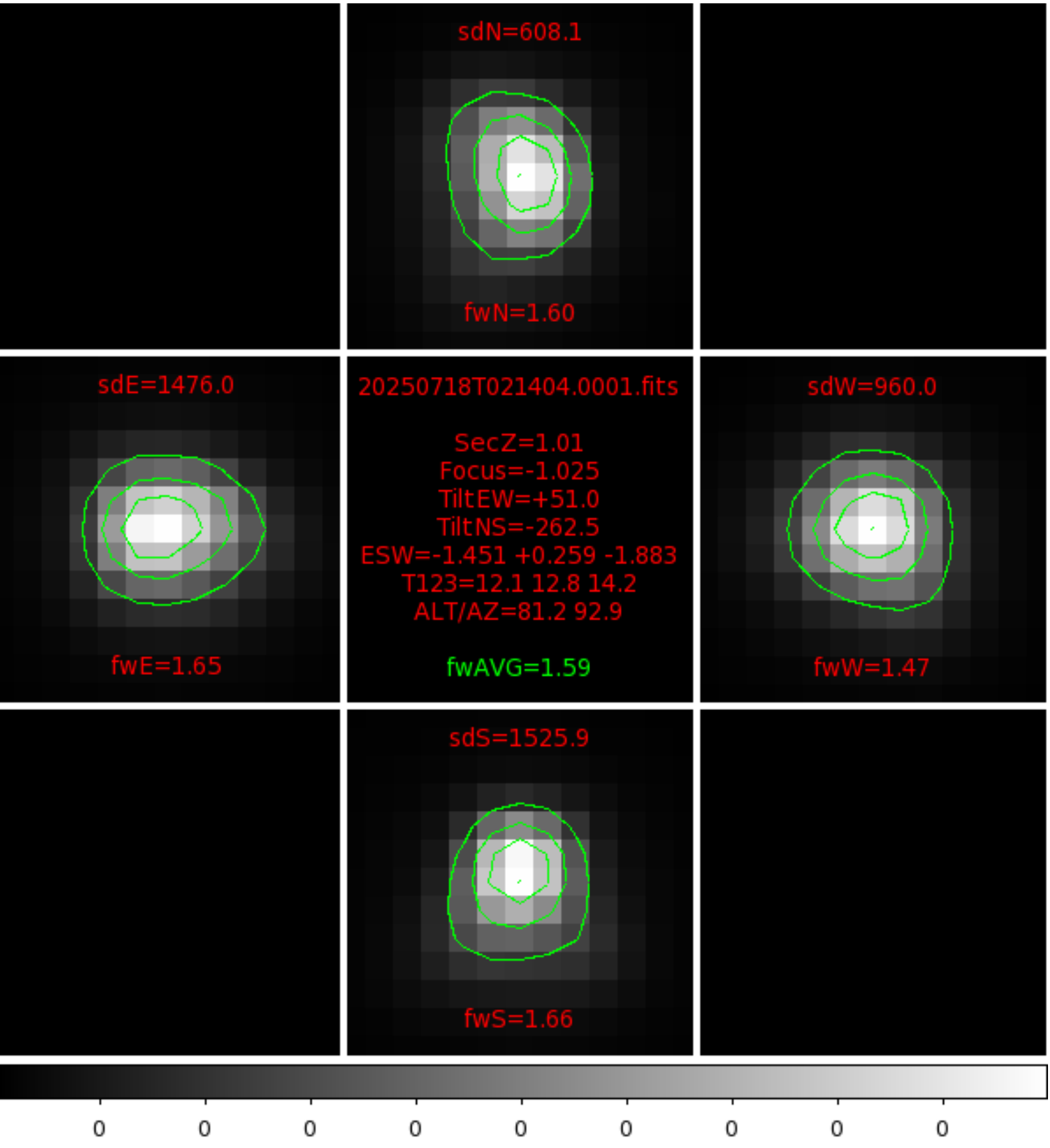
sdN=608.1
fwN=1.60
sdE=1476.0
fwE=1.65
20250718T021404.0001.fits
SecZ=1.01
Focus=-1.025
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.451 +0.259 -1.883
T123=12.1 12.8 14.2
ALT/AZ=81.2 92.9
fwAVG=1.59
sdW=960.0
fwW=1.47
sdS=1525.9
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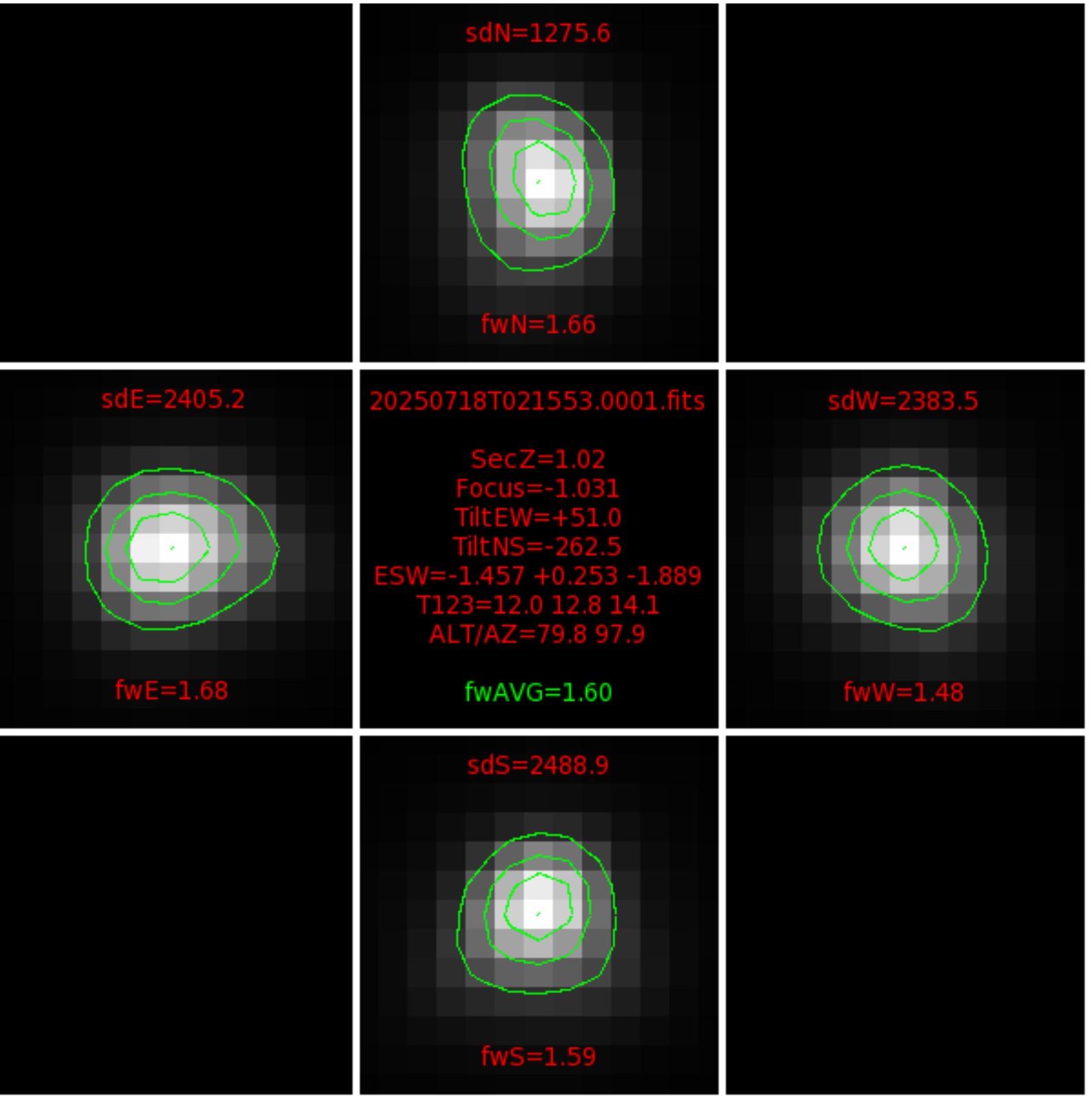
sdN=1275.6
fwN=1.66
sdE=2405.2
fwE=1.68
20250718T021553.0001.fits
SecZ=1.02
Focus=-1.031
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.457 +0.253 -1.889
T123=12.0 12.8 14.1
ALT/AZ=79.8 97.9
fwAVG=1.60
sdW=2383.5
fwW=1.48
sdS=2488.9
fwS=1.59
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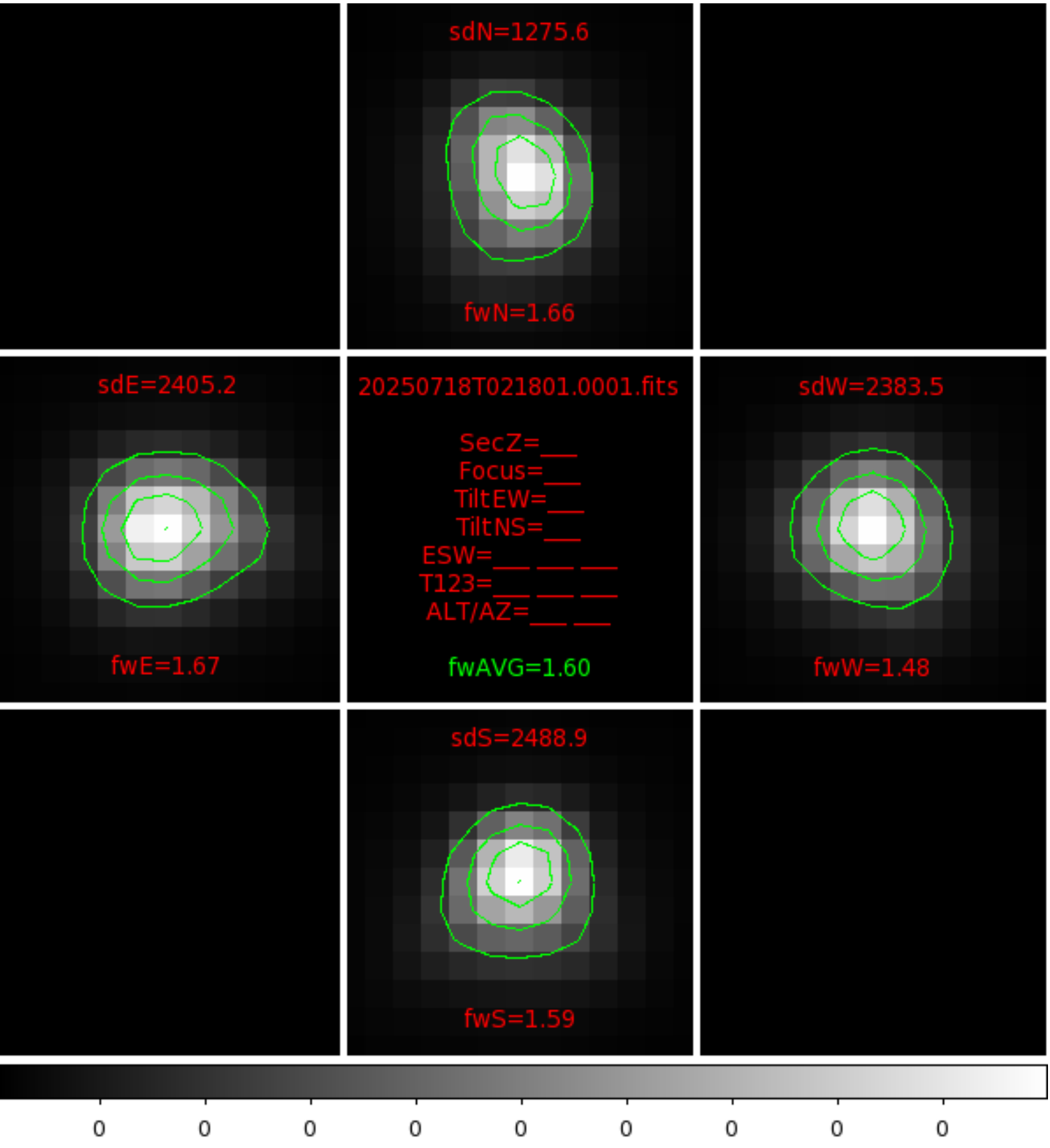
sdN=1275.6
fwN=1.66
sdE=2405.2
fwE=1.67
20250718T021801.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=1.60
sdW=2383.5
fwW=1.48
sdS=2488.9
fwS=1.59
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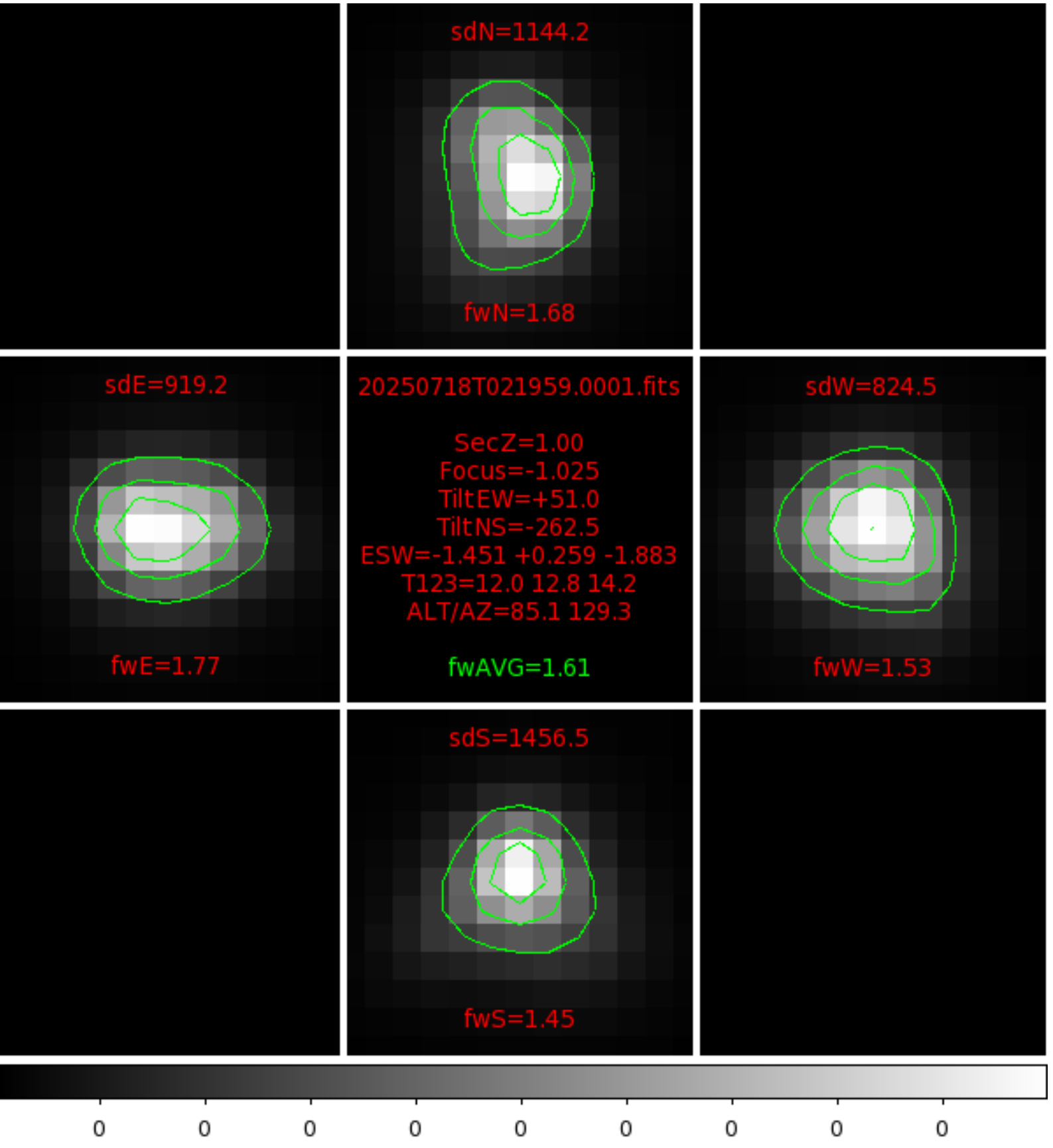
sdN=1144.2
fwN=1.68
sdE=919.2
fwE=1.77
20250718T021959.0001.fits
SecZ=1.00
Focus=-1.025
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.451 +0.259 -1.883
T123=12.0 12.8 14.2
ALT/AZ=85.1 129.3
fwAVG=1.61
sdW=824.5
fwW=1.53
sdS=1456.5
fwS=1.45
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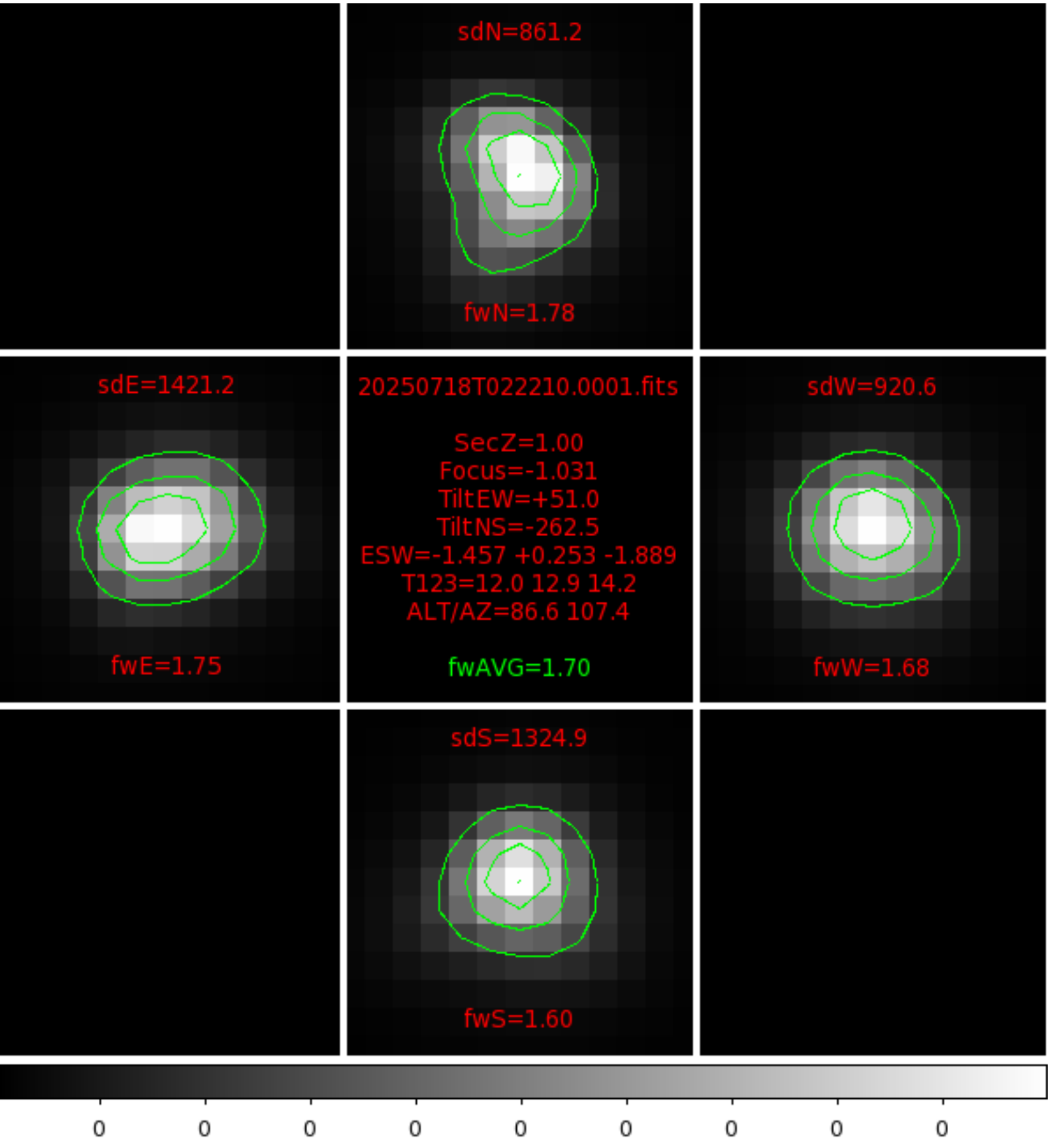
sdN=861.2
fwN=1.78
sdE=1421.2
fwE=1.75
20250718T022210.0001.fits
SecZ=1.00
Focus=-1.031
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.457 +0.253 -1.889
T123=12.0 12.9 14.2
ALT/AZ=86.6 107.4
fwAVG=1.70
sdW=920.6
fwW=1.68
sdS=1324.9
fwS=1.60
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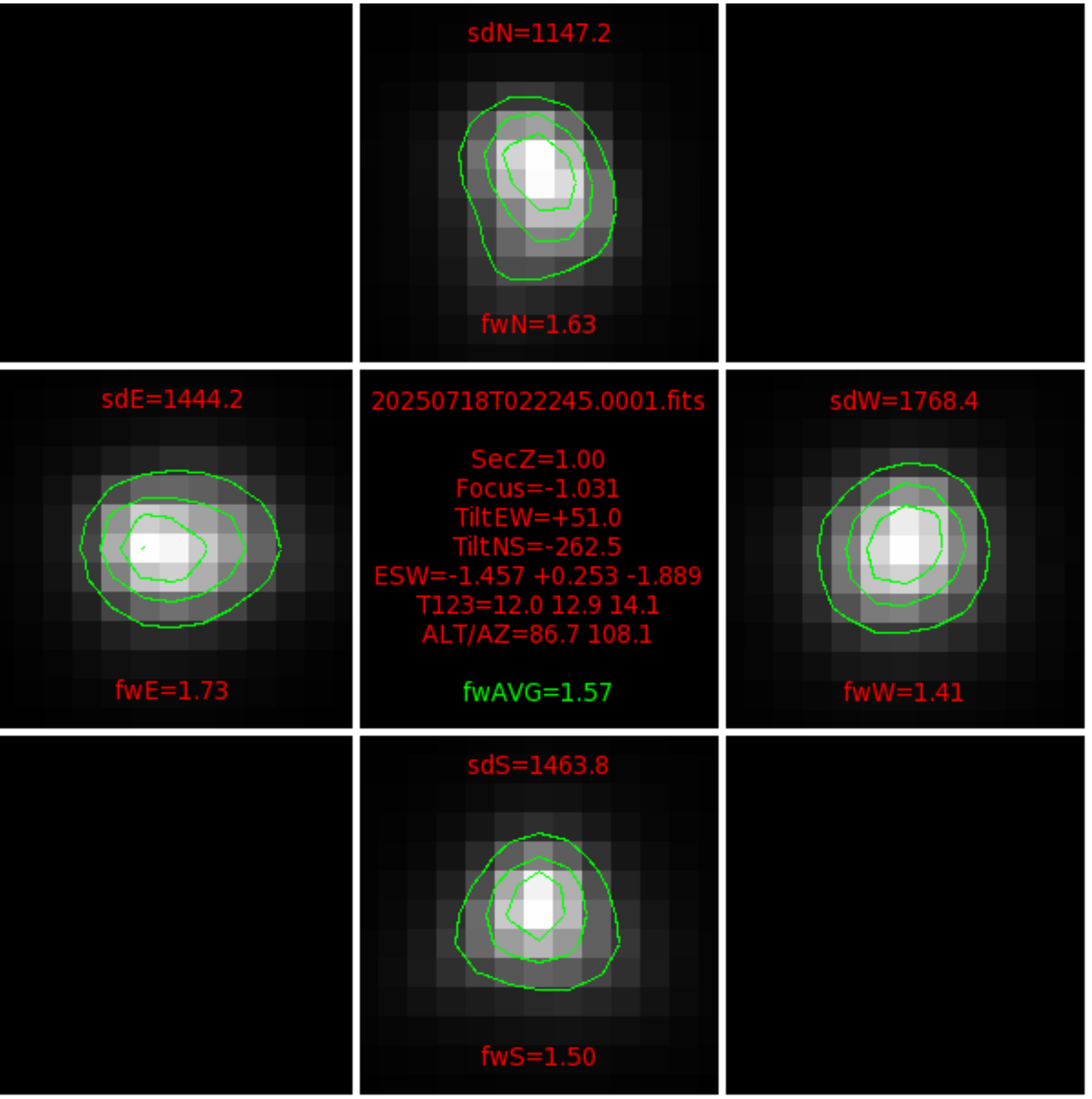
sdN=1147.2
fwN=1.63
sdE=1444.2
fwE=1.73
20250718T022245.0001.fits
SecZ=1.00
Focus=-1.031
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.457 +0.253 -1.889
T123=12.0 12.9 14.1
ALT/AZ=86.7 108.1
fwAVG=1.57
sdW=1768.4
fwW=1.41
sdS=1463.8
fwS=1.50
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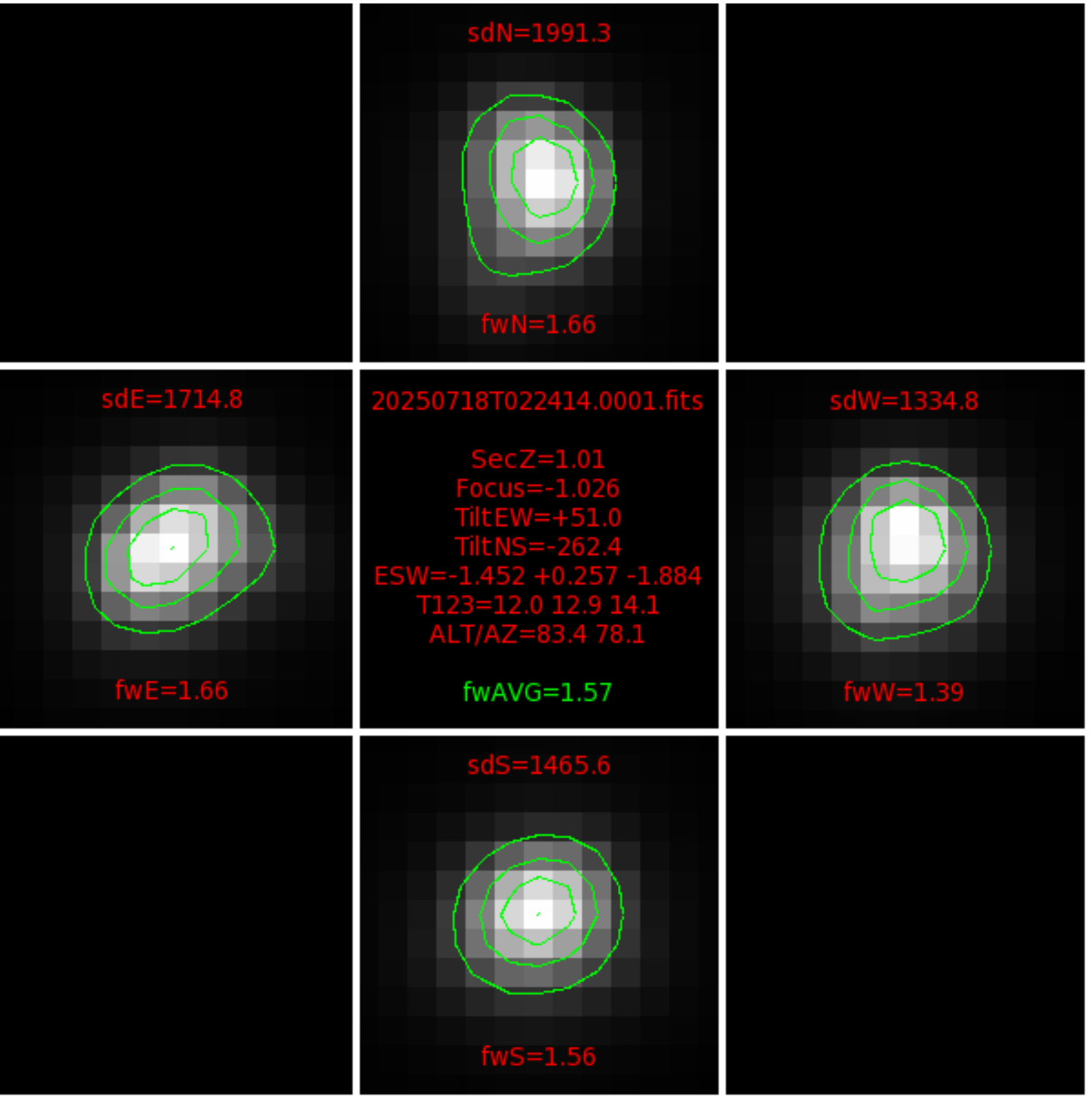
sdN=1991.3
fwN=1.66
sdE=1714.8
fwE=1.66
20250718T022414.0001.fits
SecZ=1.01
Focus=-1.026
TiltEW=+51.0
TiltNS=-262.4
ESW=-1.452 +0.257 -1.884
T123=12.0 12.9 14.1
ALT/AZ=83.4 78.1
fwAVG=1.57
sdW=1334.8
fwW=1.39
sdS=1465.6
fwS=1.56
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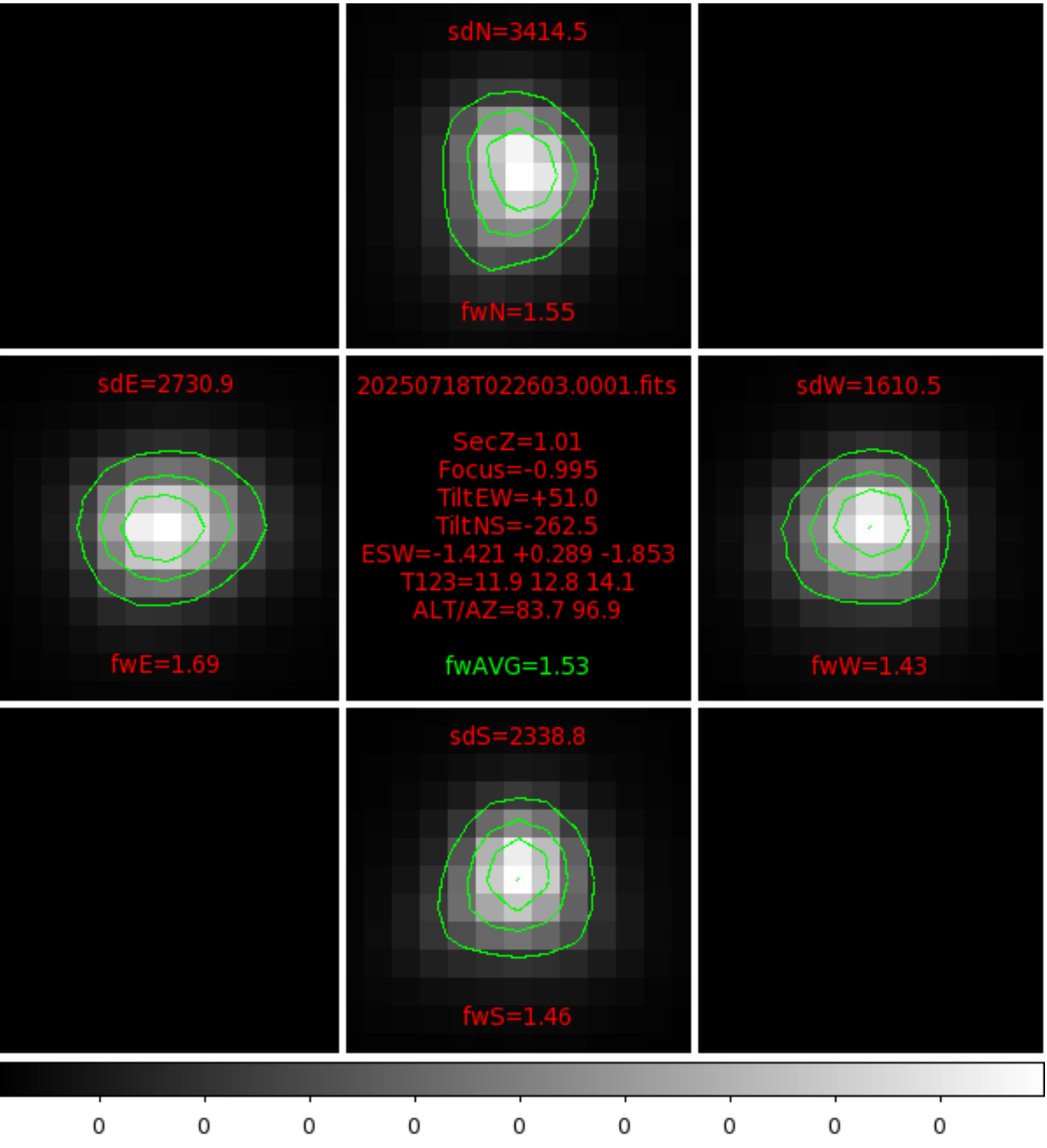
sdN=3414.5
fwN=1.55
sdE=2730.9
fwE=1.69
20250718T022603.0001.fits
SecZ=1.01
Focus=-0.995
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.421 +0.289 -1.853
T123=11.9 12.8 14.1
ALT/AZ=83.7 96.9
fwAVG=1.53
sdW=1610.5
fwW=1.43
sdS=2338.8
fwS=1.46
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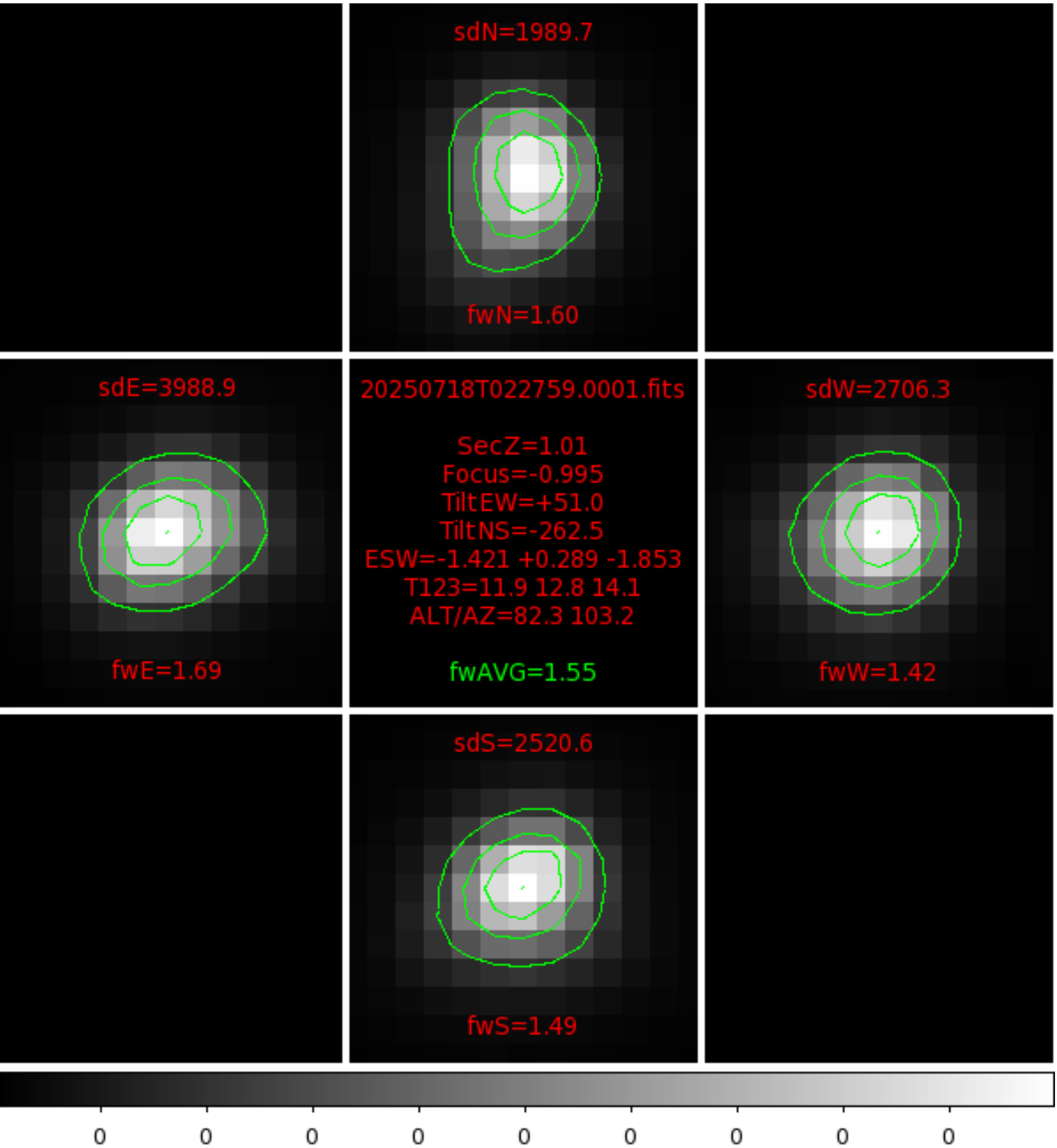
sdN=1989.7
fwN=1.60
sdE=3988.9
fwE=1.69
20250718T022759.0001.fits
SecZ=1.01
Focus=-0.995
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.421 +0.289 -1.853
T123=11.9 12.8 14.1
ALT/AZ=82.3 103.2
fwAVG=1.55
sdW=2706.3
fwW=1.42
sdS=2520.6
fwS=1.49
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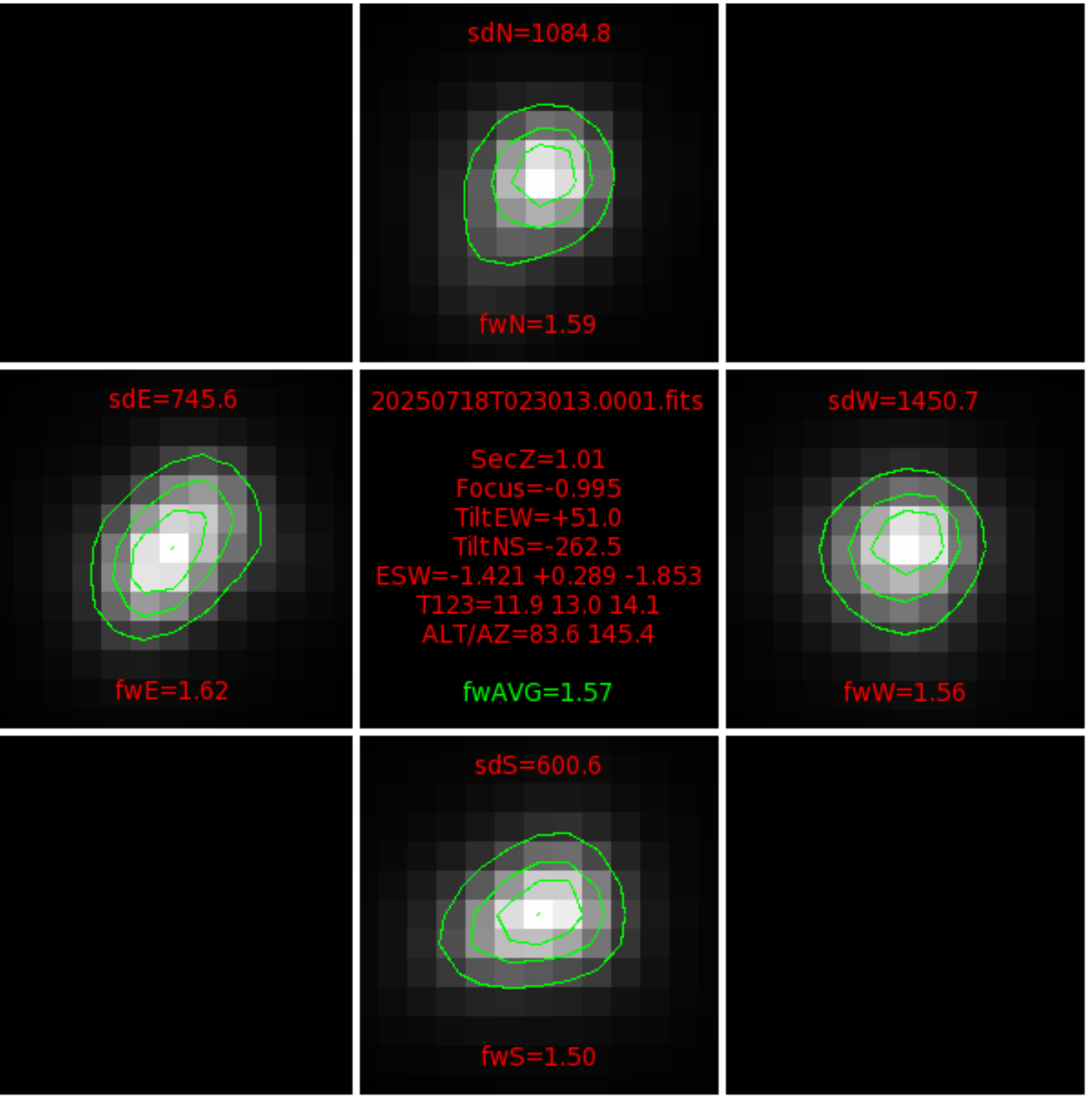
sdN=1084.8
fwN=1.59
sdE=745.6
fwE=1.62
20250718T023013.0001.fits
SecZ=1.01
Focus=-0.995
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.421 +0.289 -1.853
T123=11.9 13.0 14.1
ALT/AZ=83.6 145.4
fwAVG=1.57
sdW=1450.7
fwW=1.56
sdS=600.6
fwS=1.50
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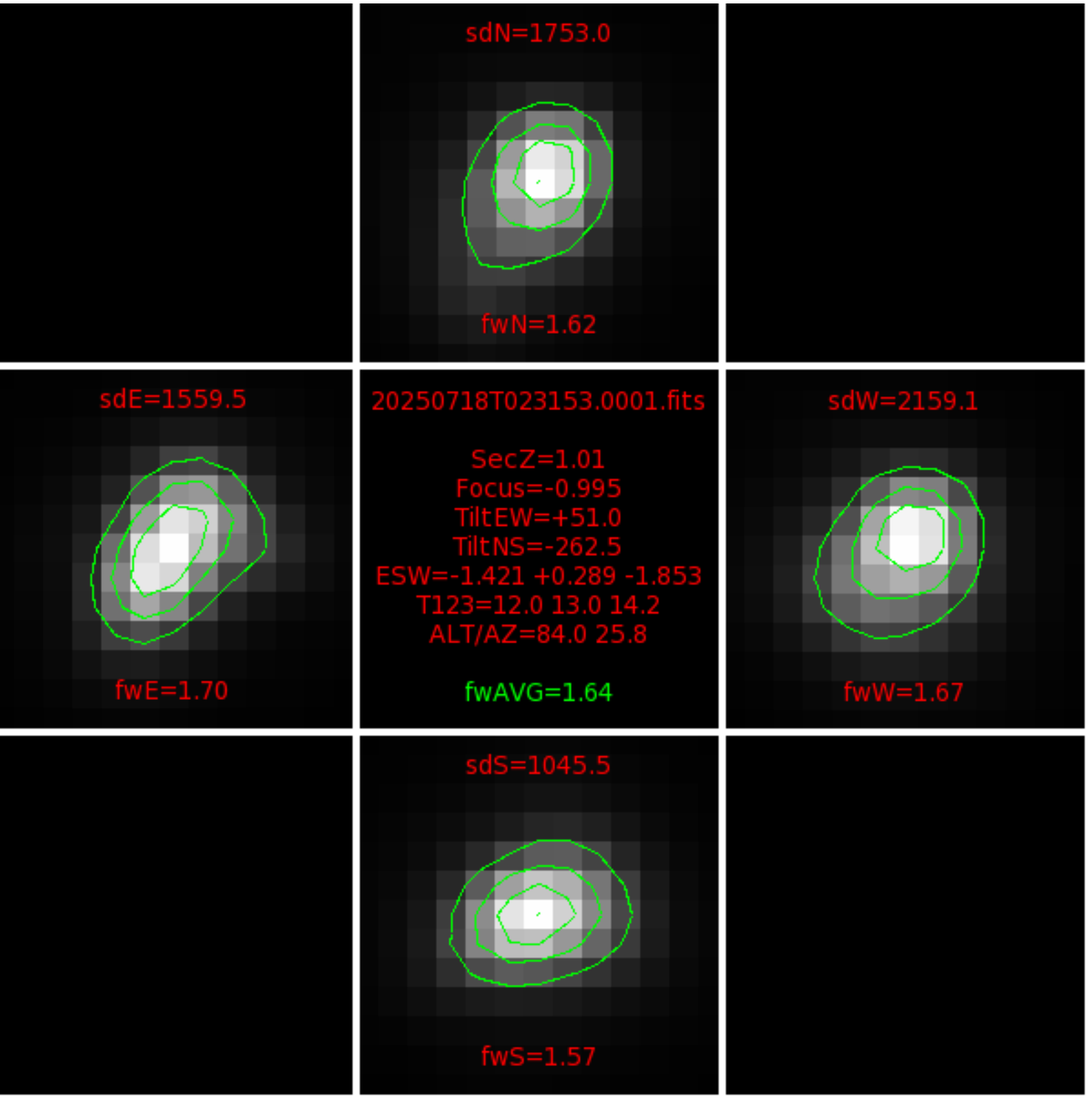
sdN=1753.0
fwN=1.62
sdE=1559.5
fwE=1.70
20250718T023153.0001.fits
SecZ=1.01
Focus=-0.995
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.421 +0.289 -1.853
T123=12.0 13.0 14.2
ALT/AZ=84.0 25.8
fwAVG=1.64
sdW=2159.1
fwW=1.67
sdS=1045.5
fwS=1.57
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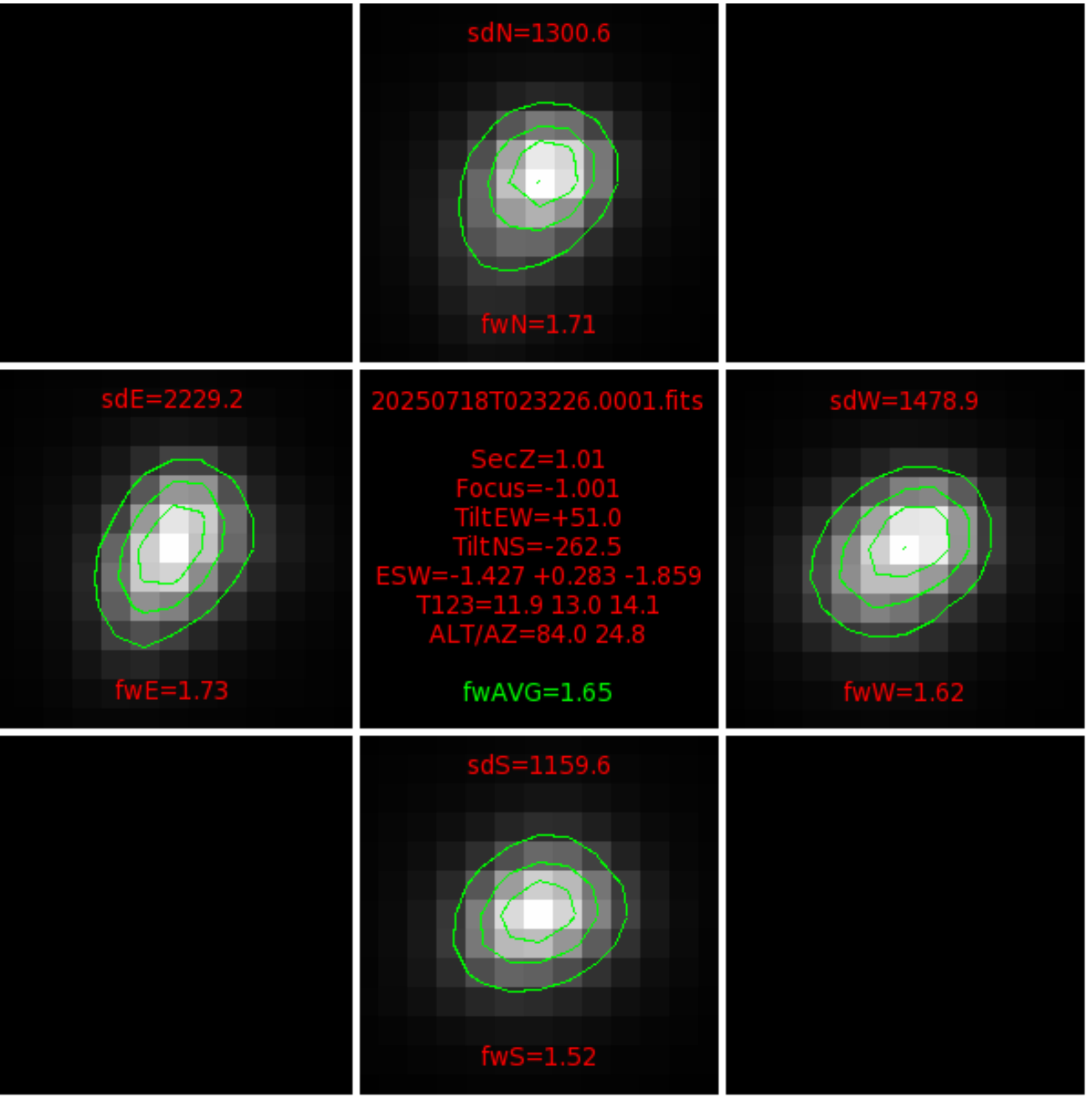
sdN=1300.6
fwN=1.71
sdE=2229.2
fwE=1.73
20250718T023226.0001.fits
SecZ=1.01
Focus=-1.001
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.427 +0.283 -1.859
T123=11.9 13.0 14.1
ALT/AZ=84.0 24.8
fwAVG=1.65
sdW=1478.9
fwW=1.62
sdS=1159.6
fwS=1.52
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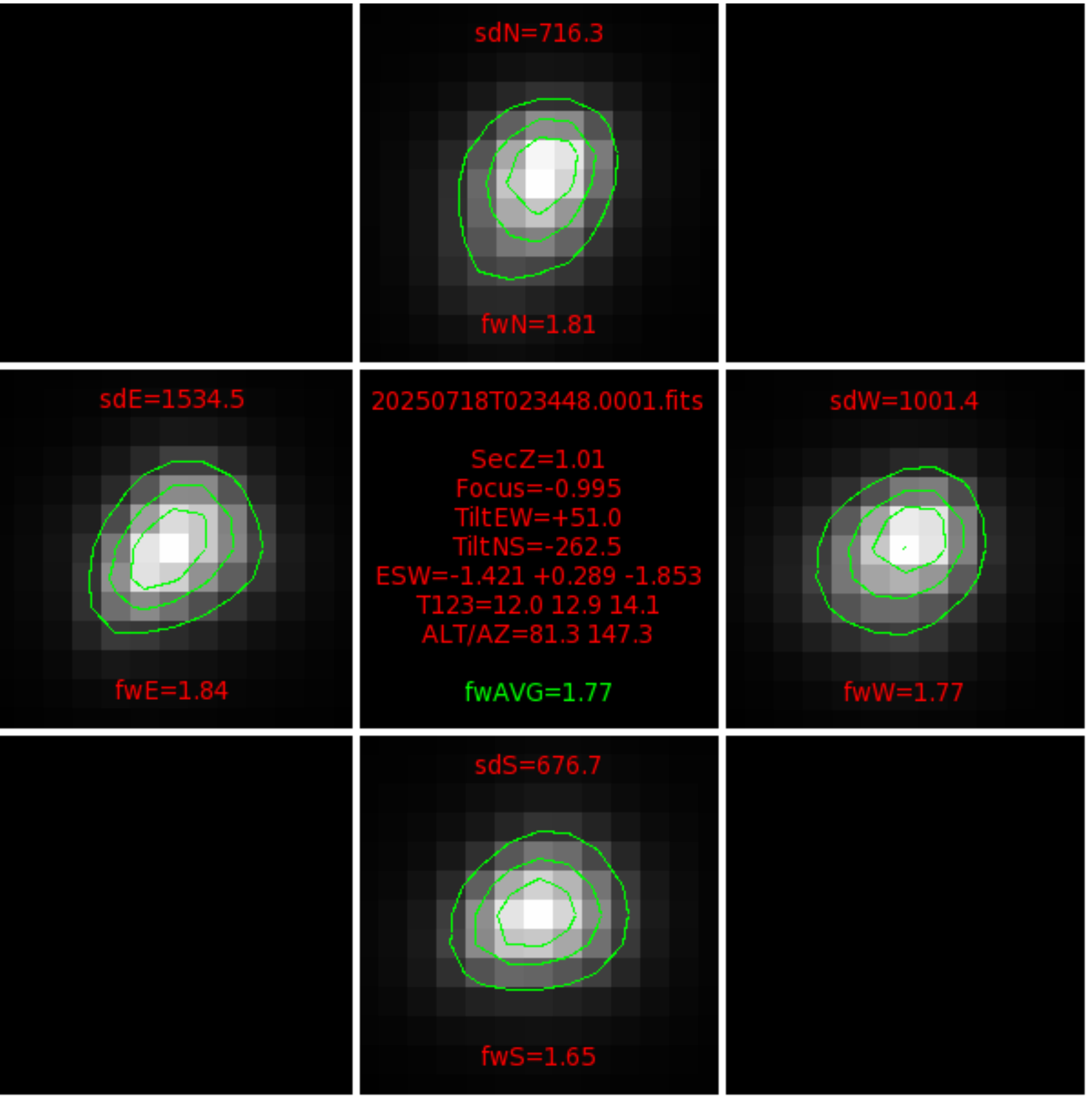
sdN=716.3
fwN=1.81
sdE=1534.5
fwE=1.84
20250718T023448.0001.fits
SecZ=1.01
Focus=-0.995
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.421 +0.289 -1.853
T123=12.0 12.9 14.1
ALT/AZ=81.3 147.3
fwAVG=1.77
sdW=1001.4
fwW=1.77
sdS=676.7
fwS=1.65
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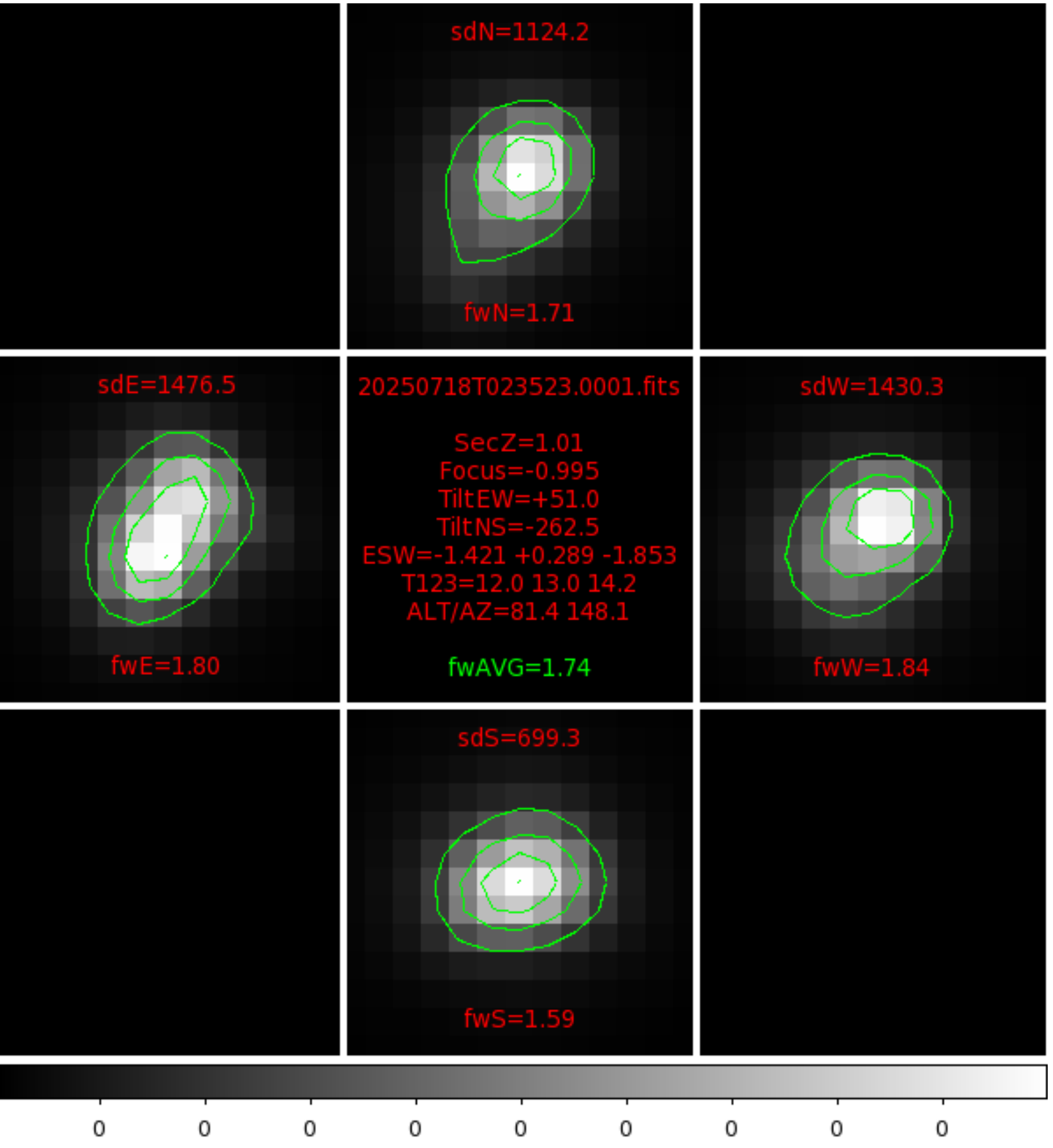
sdN=1124.2
fwN=1.71
sdE=1476.5
fwE=1.80
20250718T023523.0001.fits
SecZ=1.01
Focus=-0.995
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.421 +0.289 -1.853
T123=12.0 13.0 14.2
ALT/AZ=81.4 148.1
fwAVG=1.74
sdW=1430.3
fwW=1.84
sdS=699.3
fwS=1.59
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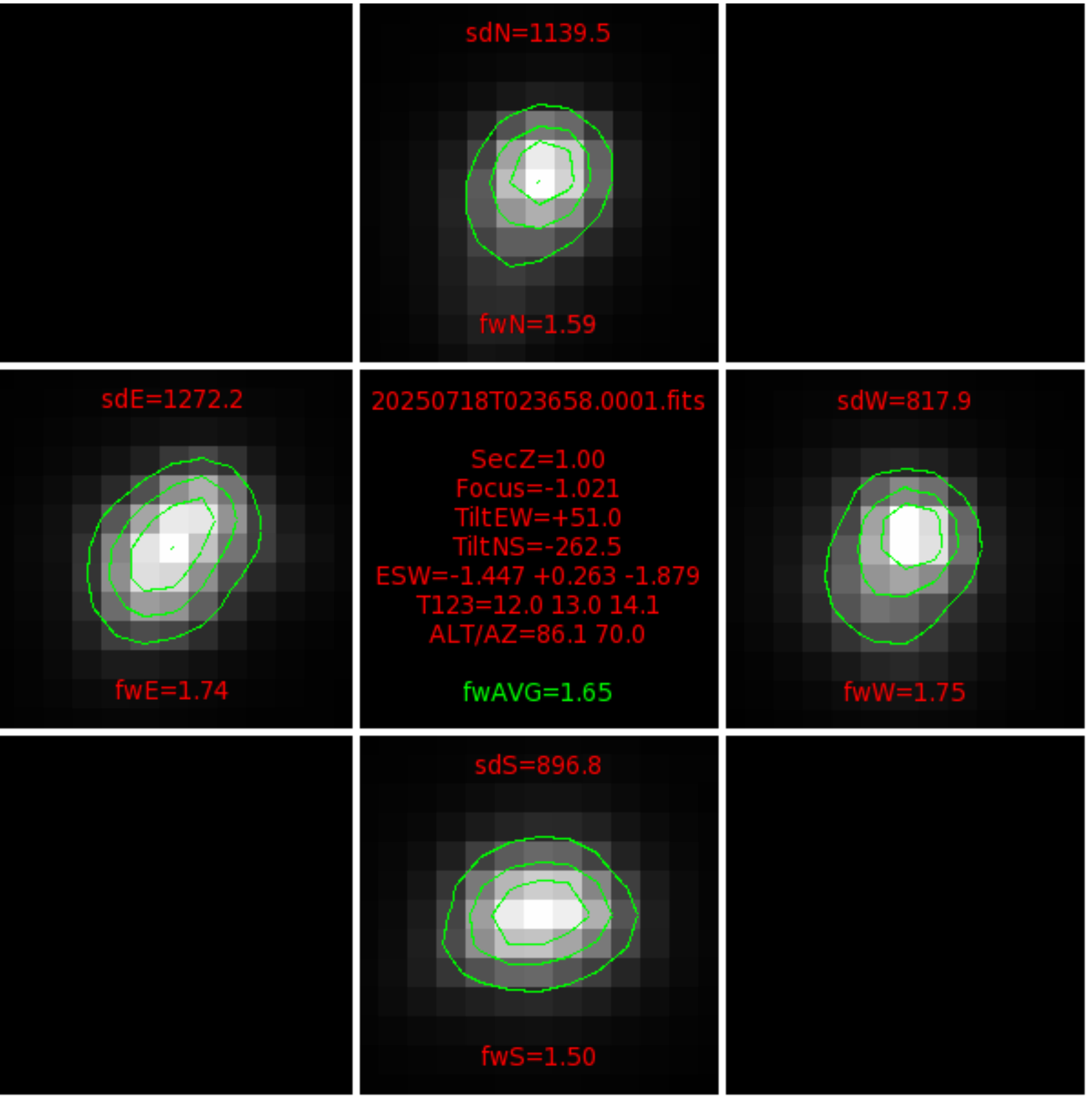
sdN=1139.5
fwN=1.59
sdE=1272.2
fwE=1.74
20250718T023658.0001.fits
SecZ=1.00
Focus=-1.021
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.447 +0.263 -1.879
T123=12.0 13.0 14.1
ALT/AZ=86.1 70.0
fwAVG=1.65
sdW=817.9
fwW=1.75
sdS=896.8
fwS=1.50
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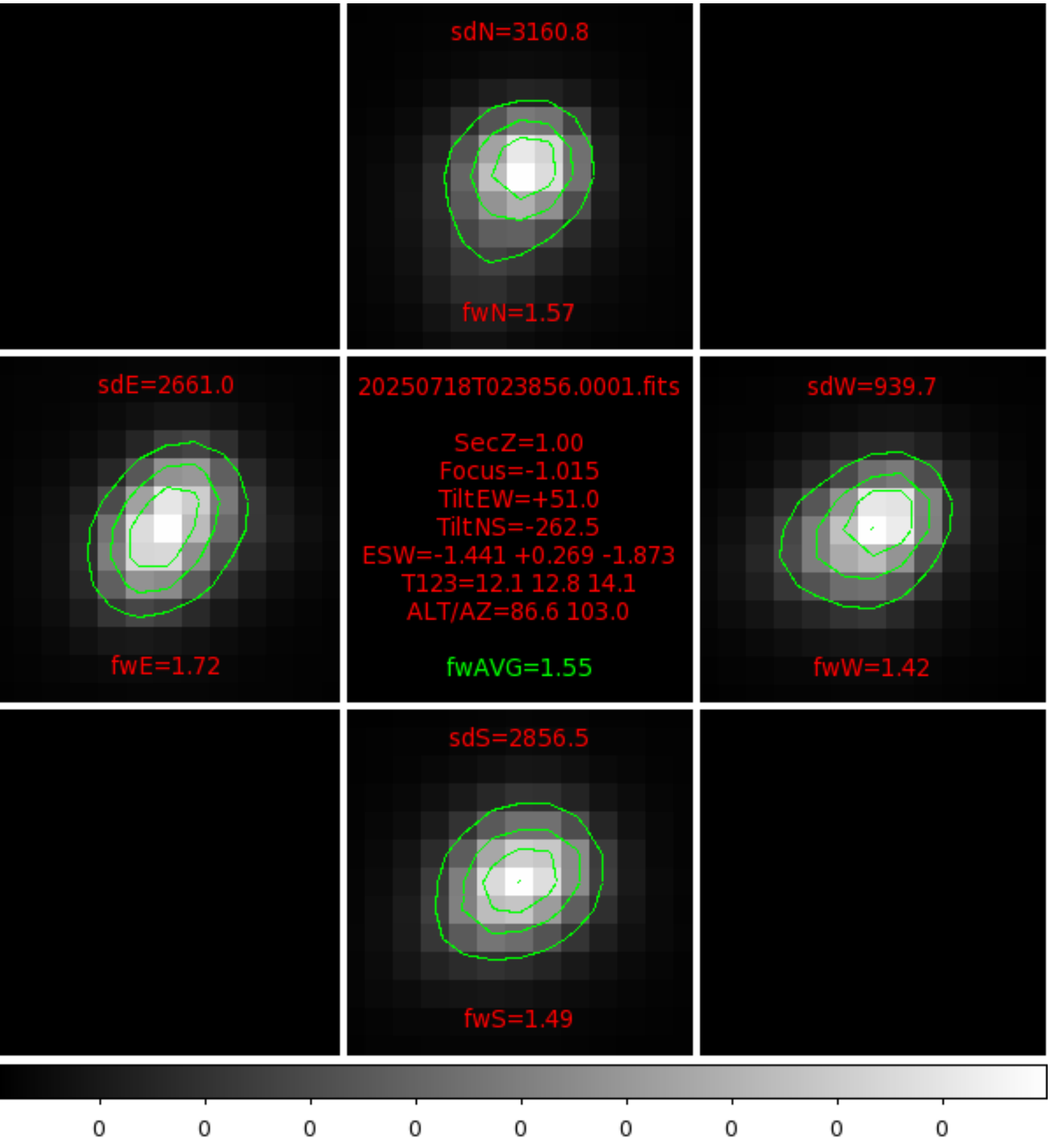
sdN=3160.8
fwN=1.57
sdE=2661.0
fwE=1.72
20250718T023856.0001.fits
SecZ=1.00
Focus=-1.015
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.441 +0.269 -1.873
T123=12.1 12.8 14.1
ALT/AZ=86.6 103.0
fwAVG=1.55
sdW=939.7
fwW=1.42
sdS=2856.5
fwS=1.49
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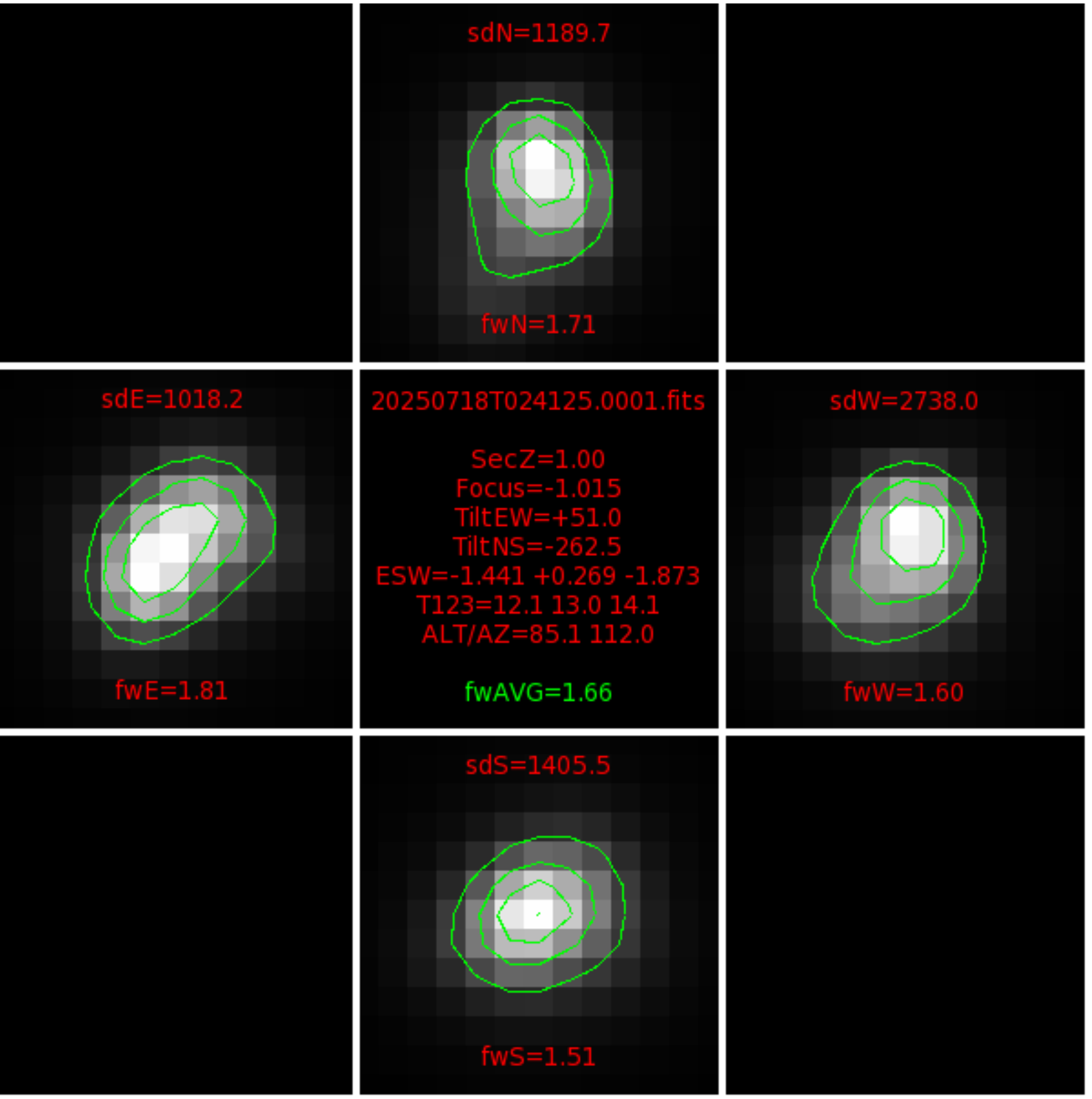
sdN=1189.7
fwN=1.71
sdE=1018.2
fwE=1.81
20250718T024125.0001.fits
SecZ=1.00
Focus=-1.015
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.441 +0.269 -1.873
T123=12.1 13.0 14.1
ALT/AZ=85.1 112.0
fwAVG=1.66
sdW=2738.0
fwW=1.60
sdS=1405.5
fwS=1.51
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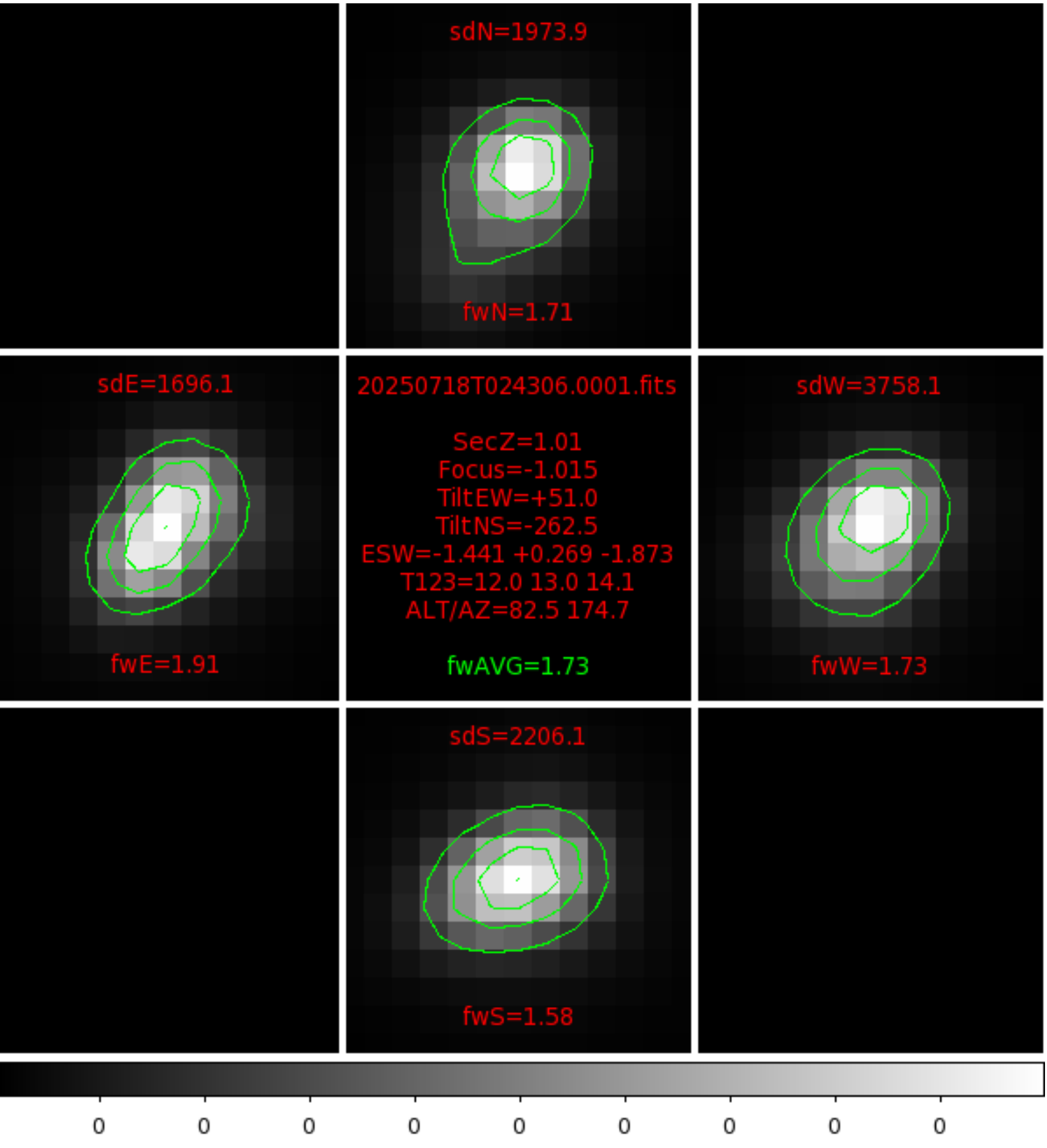
sdN=1973.9
fwN=1.71
sdE=1696.1
fwE=1.91
20250718T024306.0001.fits
SecZ=1.01
Focus=-1.015
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.441 +0.269 -1.873
T123=12.0 13.0 14.1
ALT/AZ=82.5 174.7
fwAVG=1.73
sdW=3758.1
fwW=1.73
sdS=2206.1
fwS=1.58
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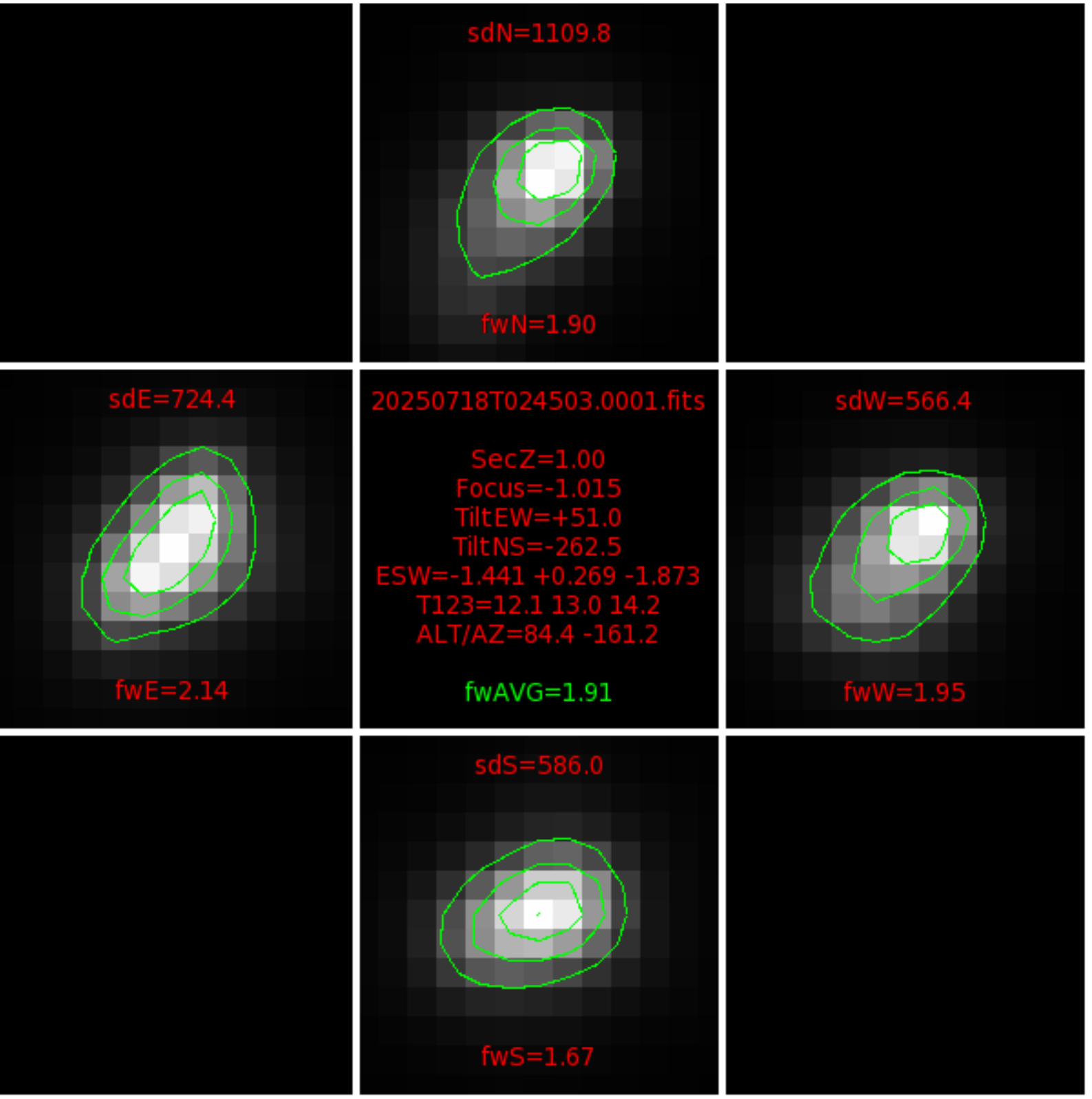
sdN=1109.8
fwN=1.90
sdE=724.4
fwE=2.14
20250718T024503.0001.fits
SecZ=1.00
Focus=-1.015
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.441 +0.269 -1.873
T123=12.1 13.0 14.2
ALT/AZ=84.4 -161.2
fwAVG=1.91
sdW=566.4
fwW=1.95
sdS=586.0
fwS=1.67
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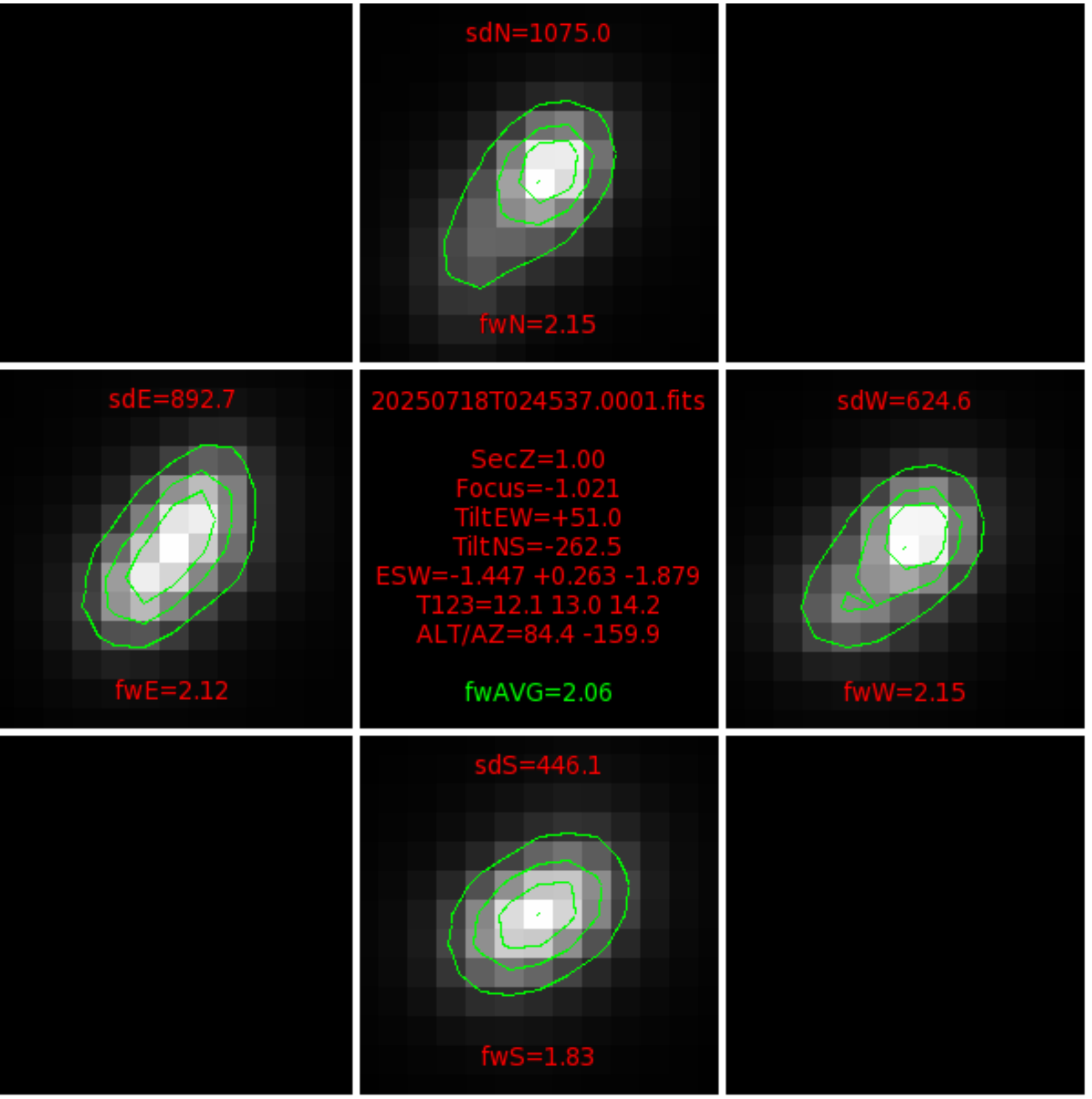
sdN=1075.0
fwN=2.15
sdE=892.7
fwE=2.12
20250718T024537.0001.fits
SecZ=1.00
Focus=-1.021
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.447 +0.263 -1.879
T123=12.1 13.0 14.2
ALT/AZ=84.4 -159.9
fwAVG=2.06
sdW=624.6
fwW=2.15
sdS=446.1
fwS=1.83
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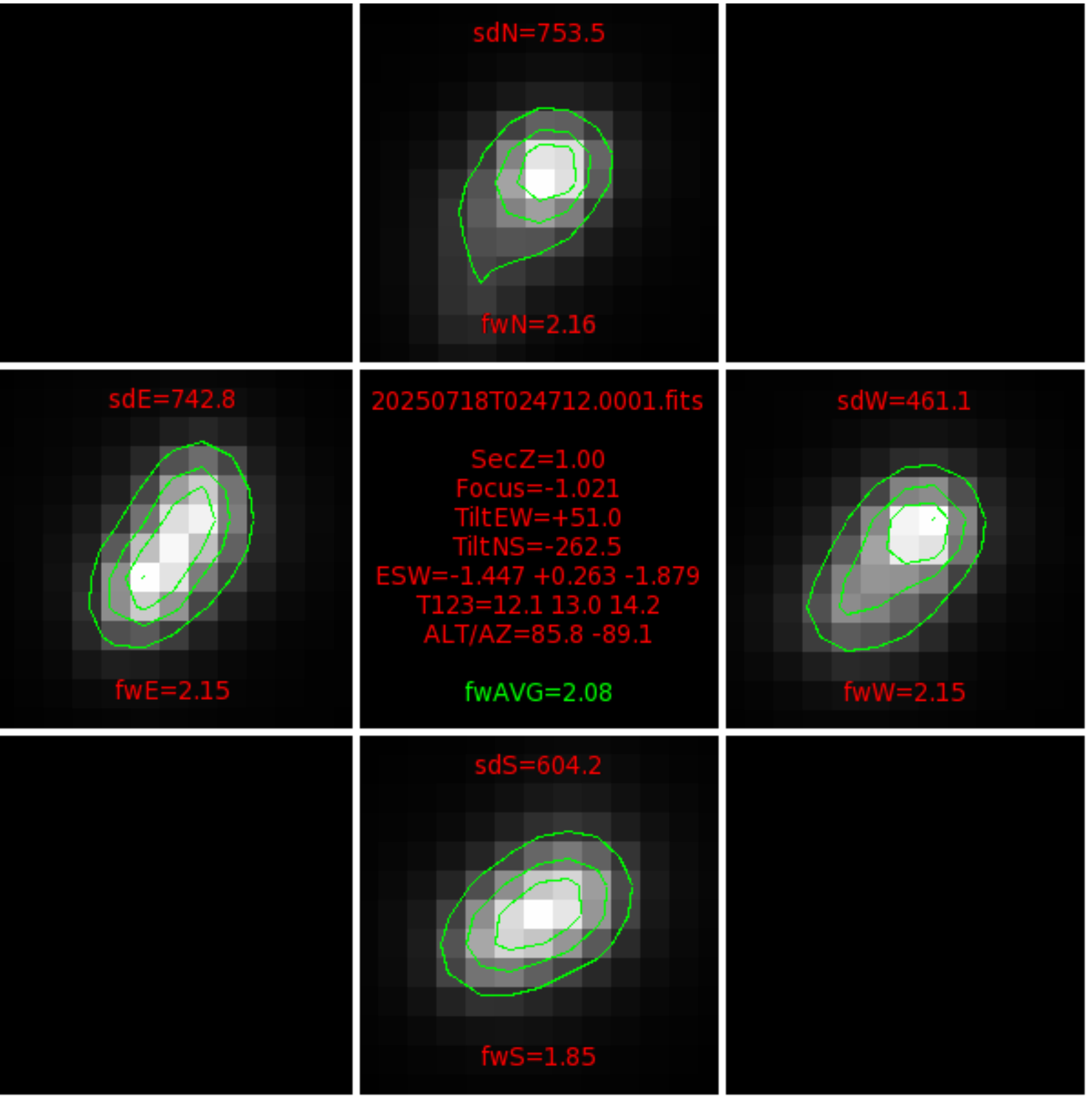
sdN=753.5
fwN=2.16
sdE=742.8
fwE=2.15
20250718T024712.0001.fits
SecZ=1.00
Focus=-1.021
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.447 +0.263 -1.879
T123=12.1 13.0 14.2
ALT/AZ=85.8 -89.1
fwAVG=2.08
sdW=461.1
fwW=2.15
sdS=604.2
fwS=1.85
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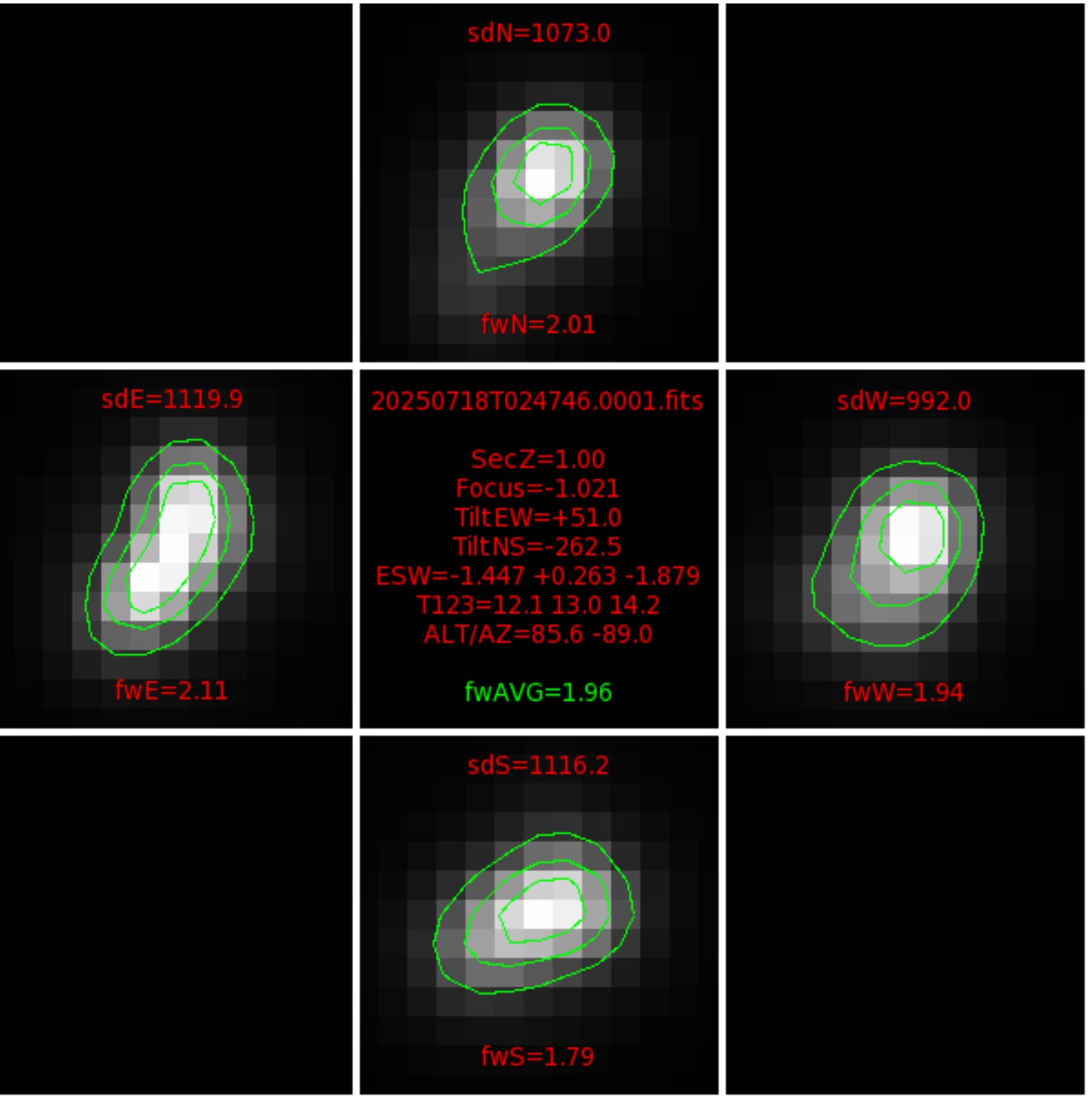
sdN=1073.0
fwN=2.01
sdE=1119.9
fwE=2.11
20250718T024746.0001.fits
SecZ=1.00
Focus=-1.021
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.447 +0.263 -1.879
T123=12.1 13.0 14.2
ALT/AZ=85.6 -89.0
fwAVG=1.96
sdW=992.0
fwW=1.94
sdS=1116.2
fwS=1.79
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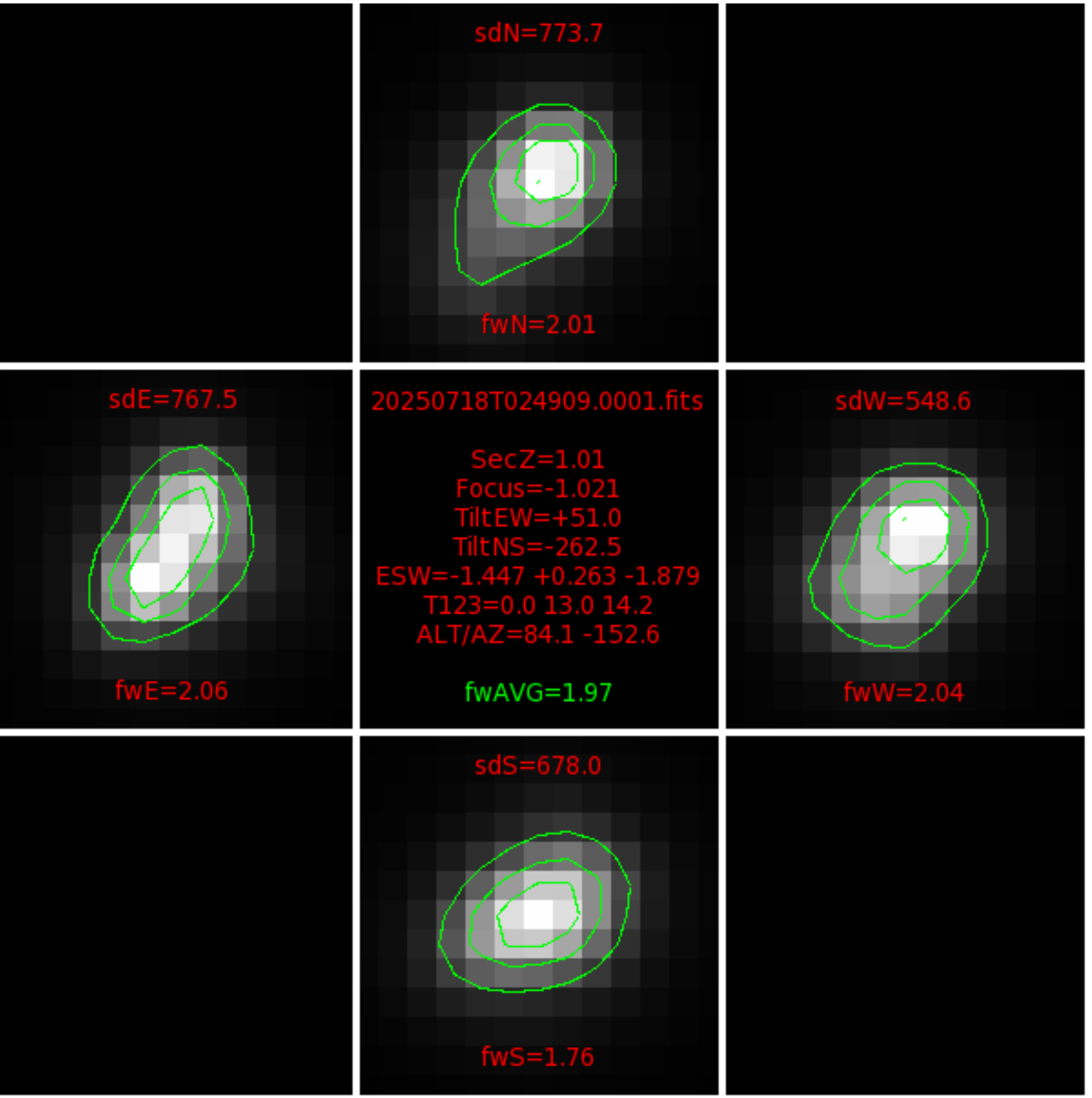
sdN=773.7
fwN=2.01
sdE=767.5
fwE=2.06
20250718T024909.0001.fits
SecZ=1.01
Focus=-1.021
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.447 +0.263 -1.879
T123=0.0 13.0 14.2
ALT/AZ=84.1 -152.6
fwAVG=1.97
sdW=548.6
fwW=2.04
sdS=678.0
fwS=1.76
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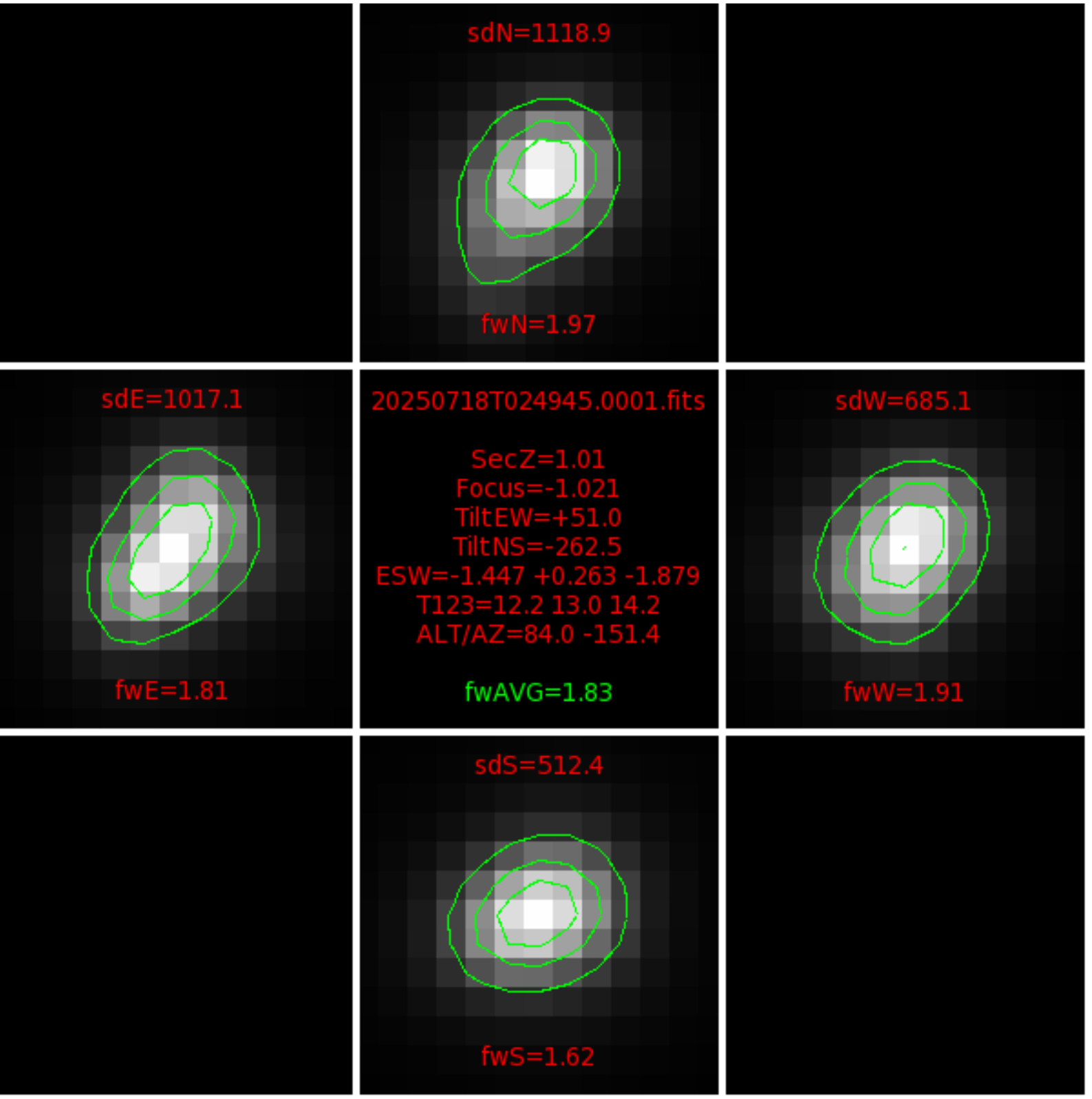
sdN=1118.9
fwN=1.97
sdE=1017.1
fwE=1.81
20250718T024945.0001.fits
SecZ=1.01
Focus=-1.021
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.447 +0.263 -1.879
T123=12.2 13.0 14.2
ALT/AZ=84.0 -151.4
fwAVG=1.83
sdW=685.1
fwW=1.91
sdS=512.4
fwS=1.62
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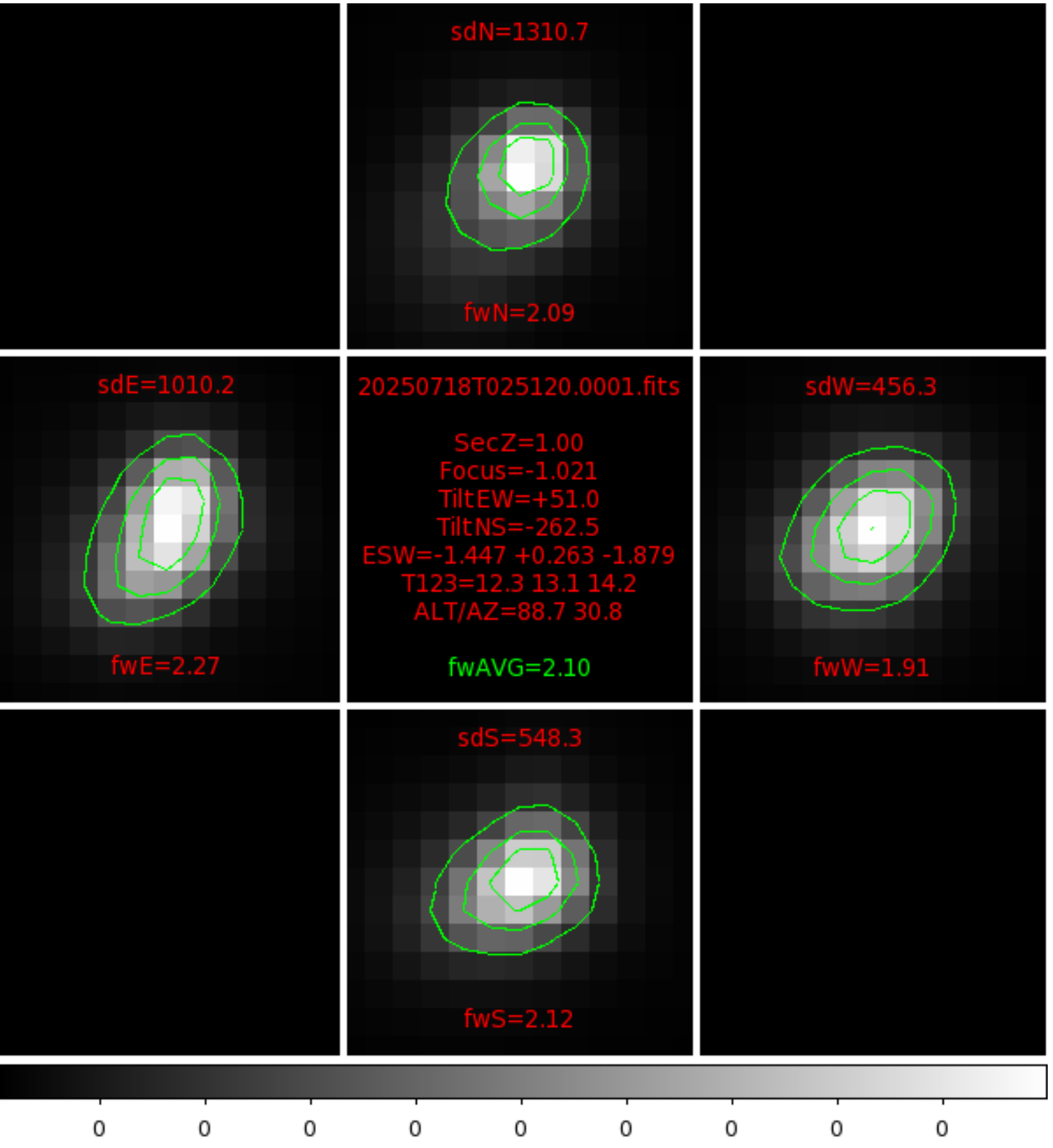
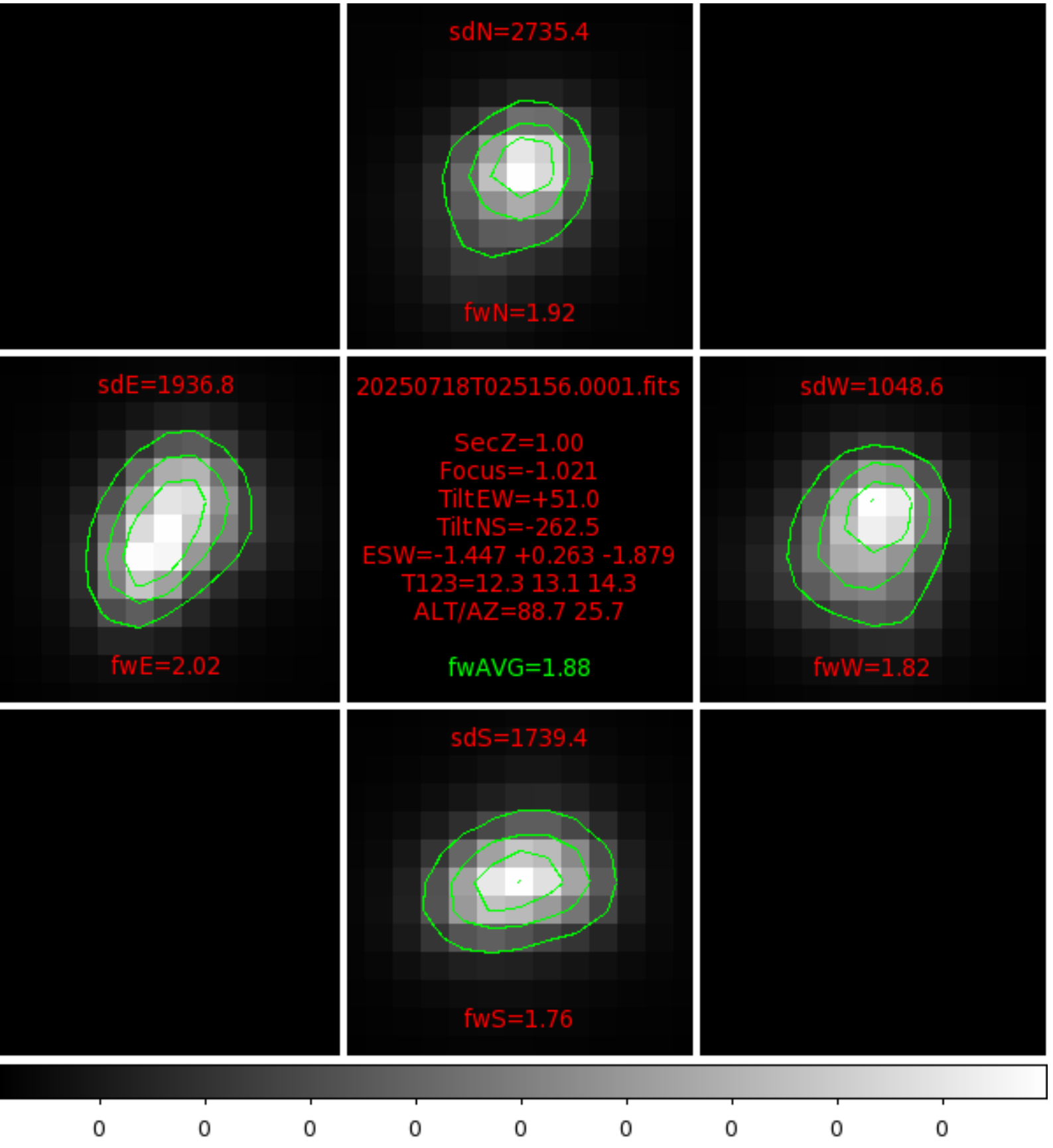

sdN=1310.7
fwN=2.09
sdE=1010.2
fwE=2.27
20250718T025120.0001.fits
SecZ=1.00
Focus=-1.021
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.447 +0.263 -1.879
T123=12.3 13.1 14.2
ALT/AZ=88.7 30.8
fwAVG=2.10
sdW=456.3
fwW=1.91
sdS=548.3
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=2735.4
fwN=1.92
sdE=1936.8
fwE=2.02
20250718T025156.0001.fits
SecZ=1.00
Focus=-1.021
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.447 +0.263 -1.879
T123=12.3 13.1 14.3
ALT/AZ=88.7 25.7
fwAVG=1.88
sdW=1048.6
fwW=1.82
sdS=1739.4
fwS=1.76
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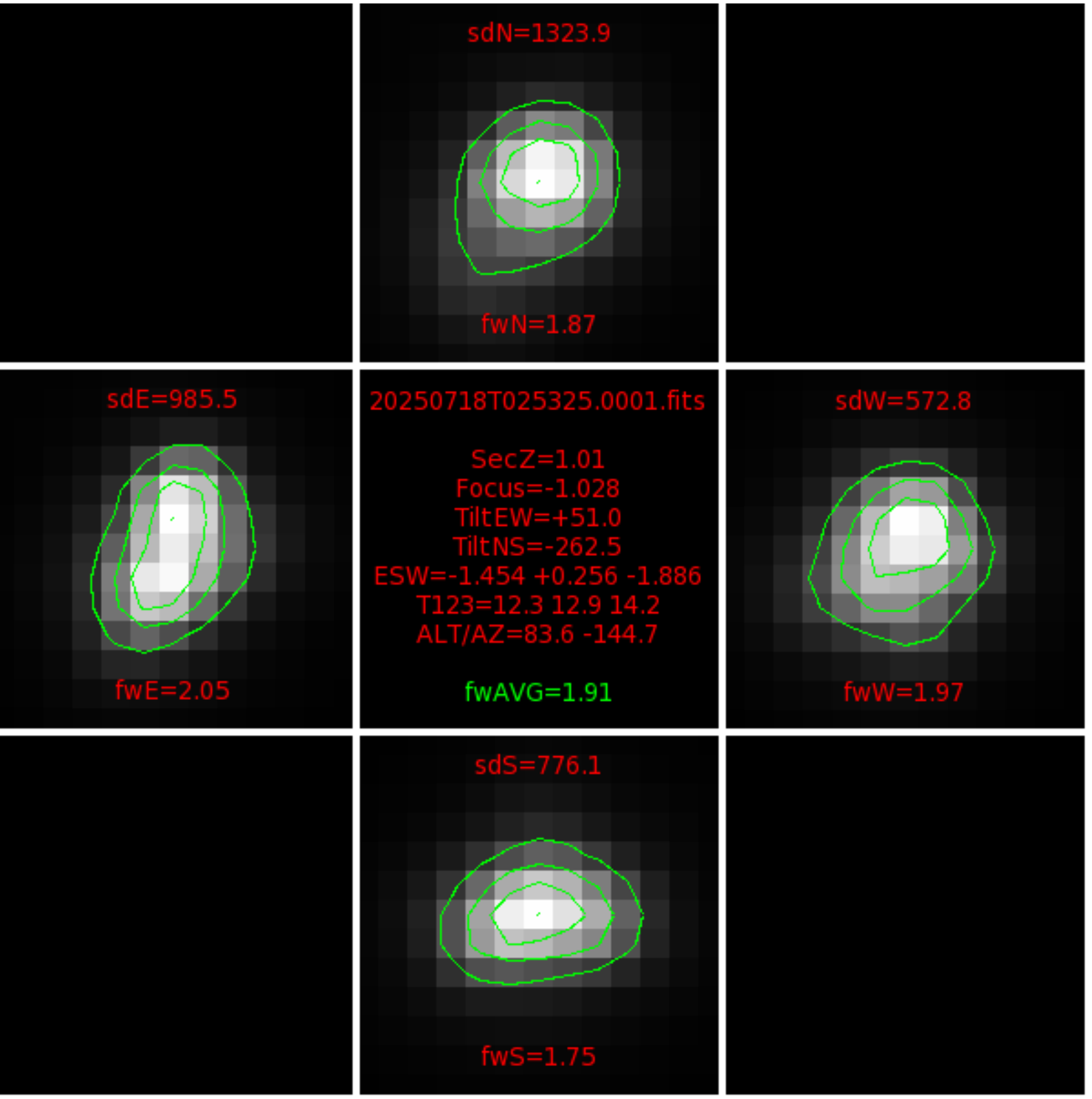
sdN=1323.9
fwN=1.87
sdE=985.5
fwE=2.05
20250718T025325.0001.fits
SecZ=1.01
Focus=-1.028
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.454 +0.256 -1.886
T123=12.3 12.9 14.2
ALT/AZ=83.6 -144.7
fwAVG=1.91
sdW=572.8
fwW=1.97
sdS=776.1
fwS=1.75
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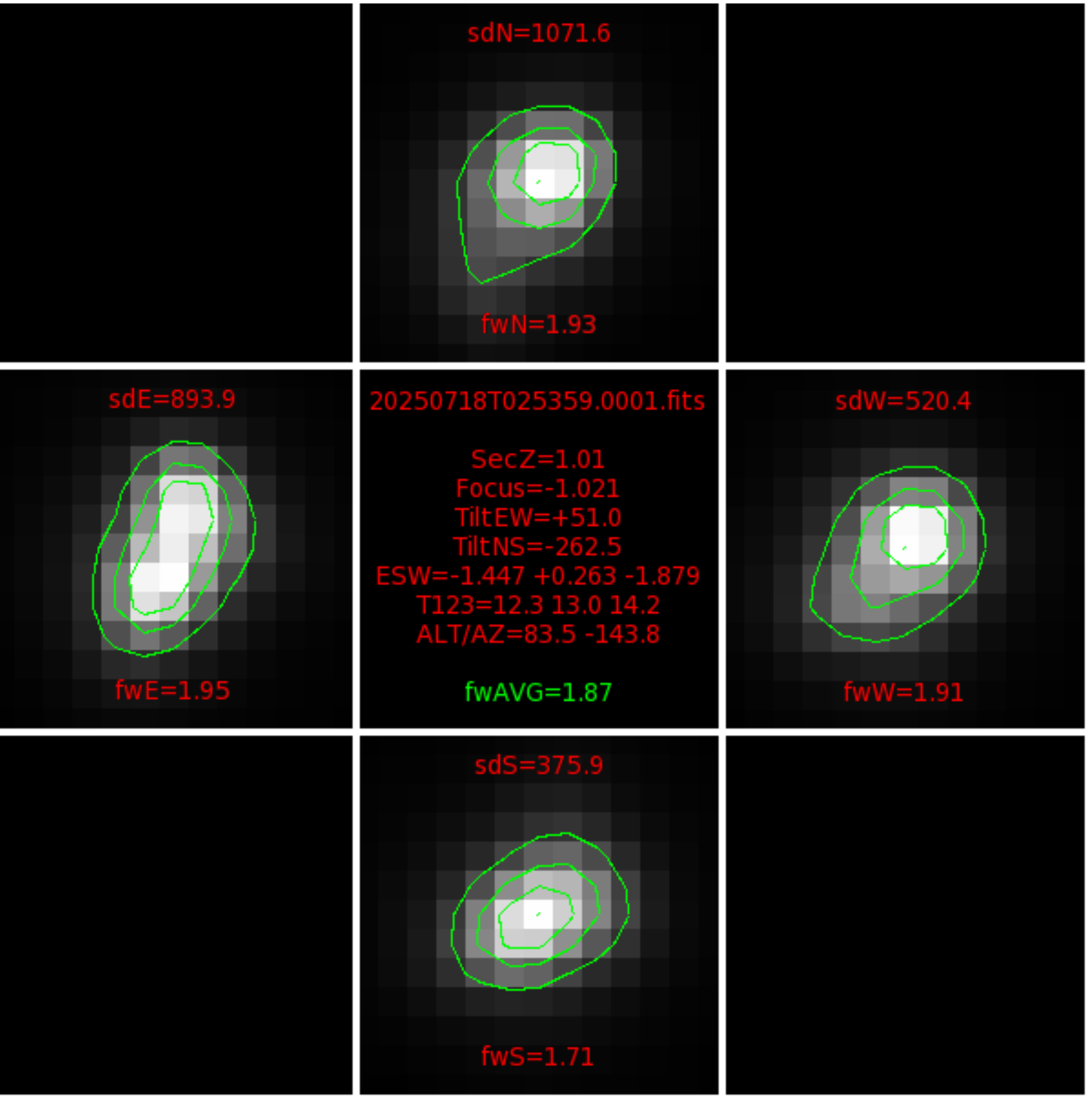
sdN=1071.6
fwN=1.93
sdE=893.9
fwE=1.95
20250718T025359.0001.fits
SecZ=1.01
Focus=-1.021
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.447 +0.263 -1.879
T123=12.3 13.0 14.2
ALT/AZ=83.5 -143.8
fwAVG=1.87
sdW=520.4
fwW=1.91
sdS=375.9
fwS=1.71
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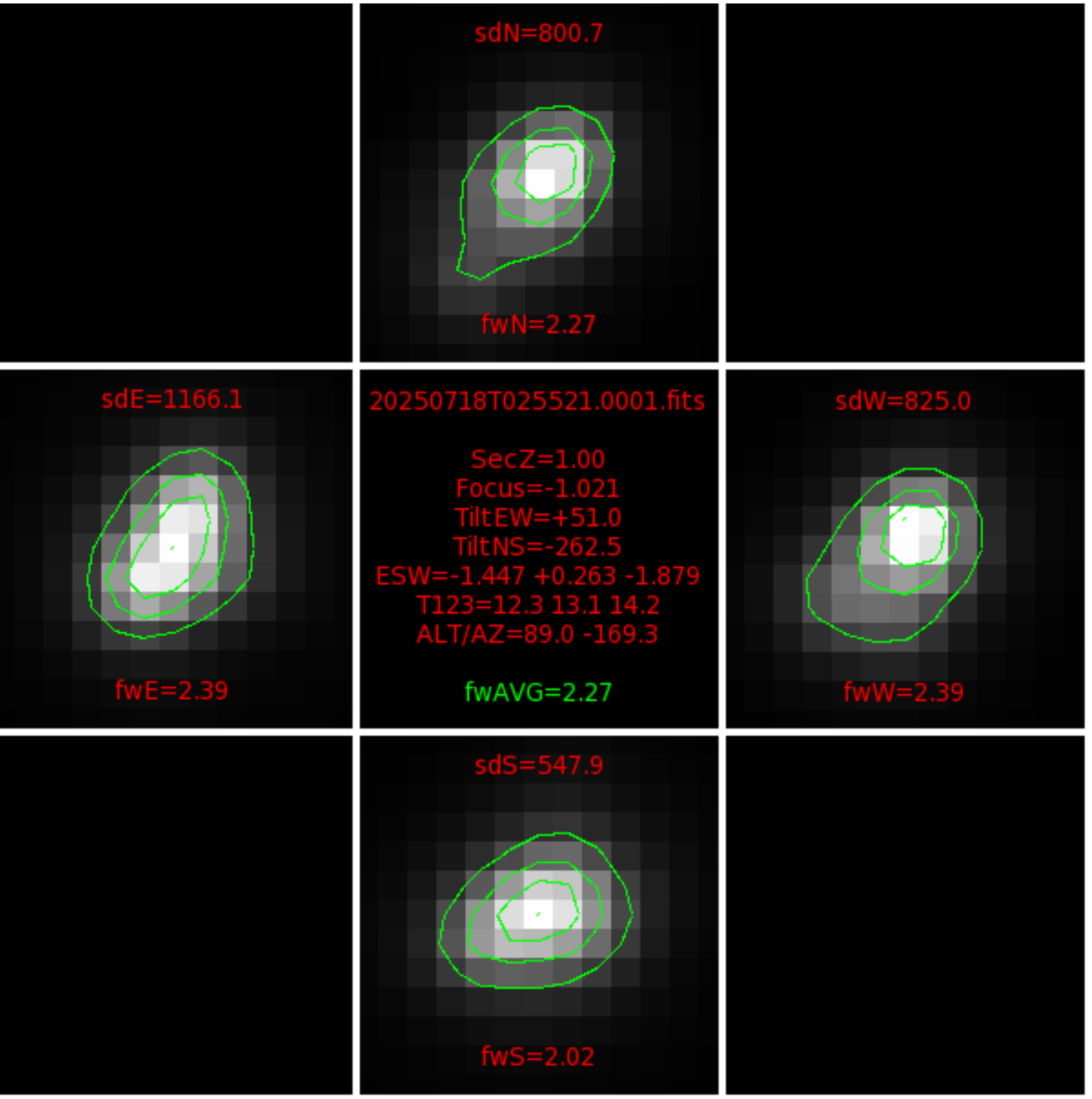
sdN=800.7
fwN=2.27
sdE=1166.1
fwE=2.39
20250718T025521.0001.fits
SecZ=1.00
Focus=-1.021
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.447 +0.263 -1.879
T123=12.3 13.1 14.2
ALT/AZ=89.0 -169.3
fwAVG=2.27
sdW=825.0
fwW=2.39
sdS=547.9
fwS=2.02
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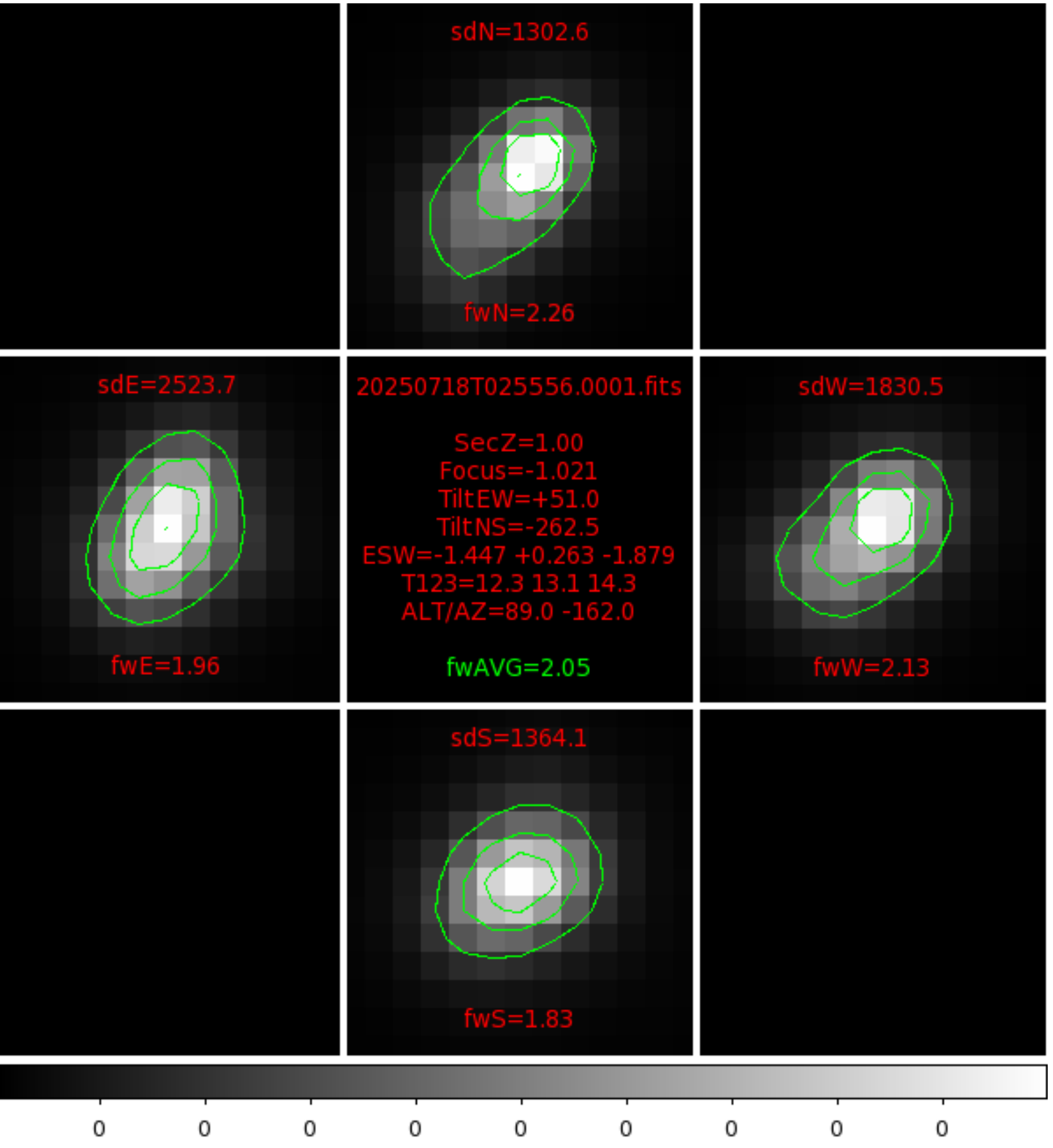
sdN=1302.6
fwN=2.26
sdE=2523.7
fwE=1.96
20250718T025556.0001.fits
SecZ=1.00
Focus=-1.021
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.447 +0.263 -1.879
T123=12.3 13.1 14.3
ALT/AZ=89.0 -162.0
fwAVG=2.05
sdW=1830.5
fwW=2.13
sdS=1364.1
fwS=1.83
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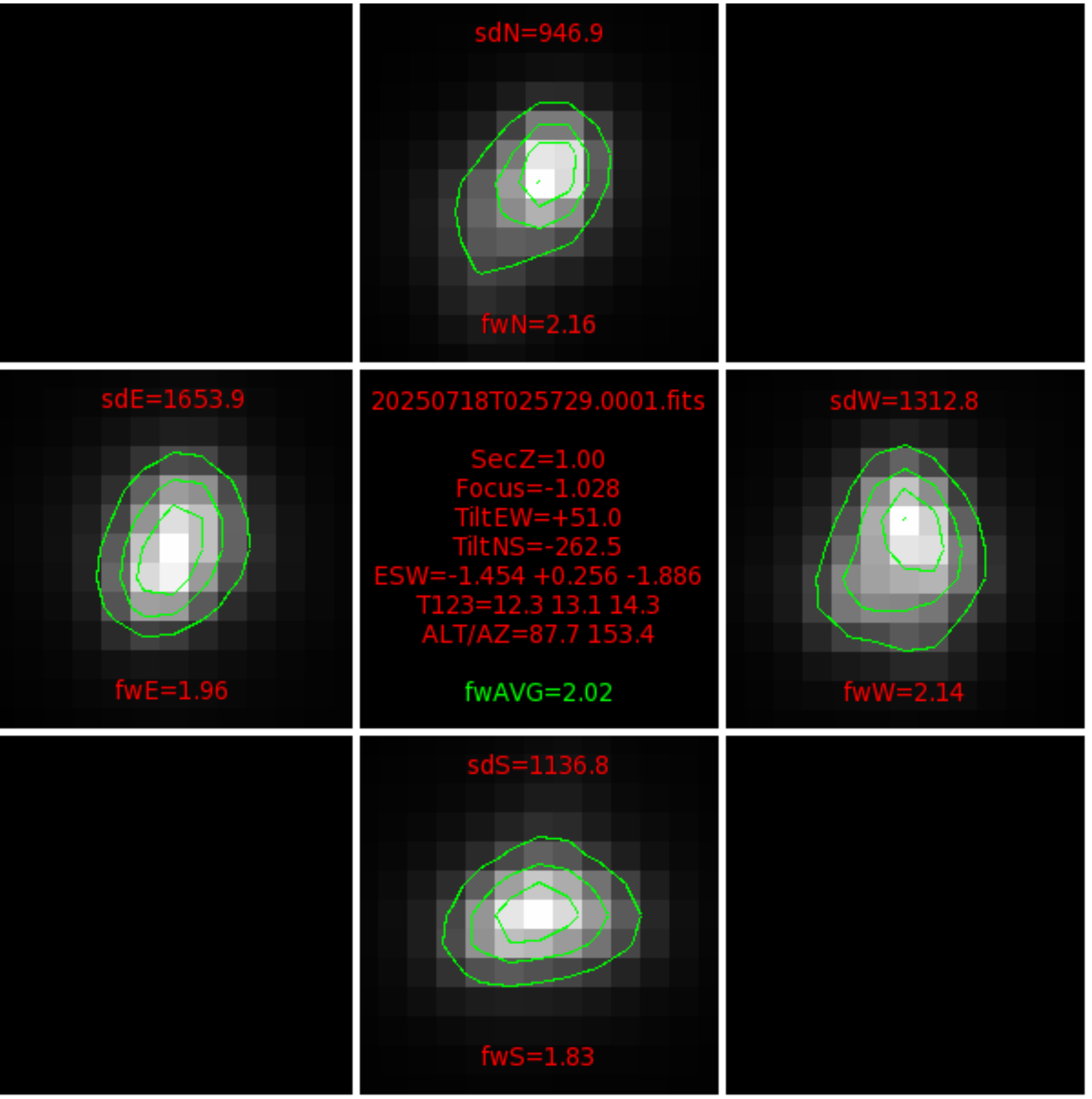
sdN=946.9
fwN=2.16
sdE=1653.9
fwE=1.96
20250718T025729.0001.fits
SecZ=1.00
Focus=-1.028
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.454 +0.256 -1.886
T123=12.3 13.1 14.3
ALT/AZ=87.7 153.4
fwAVG=2.02
sdW=1312.8
fwW=2.14
sdS=1136.8
fwS=1.83
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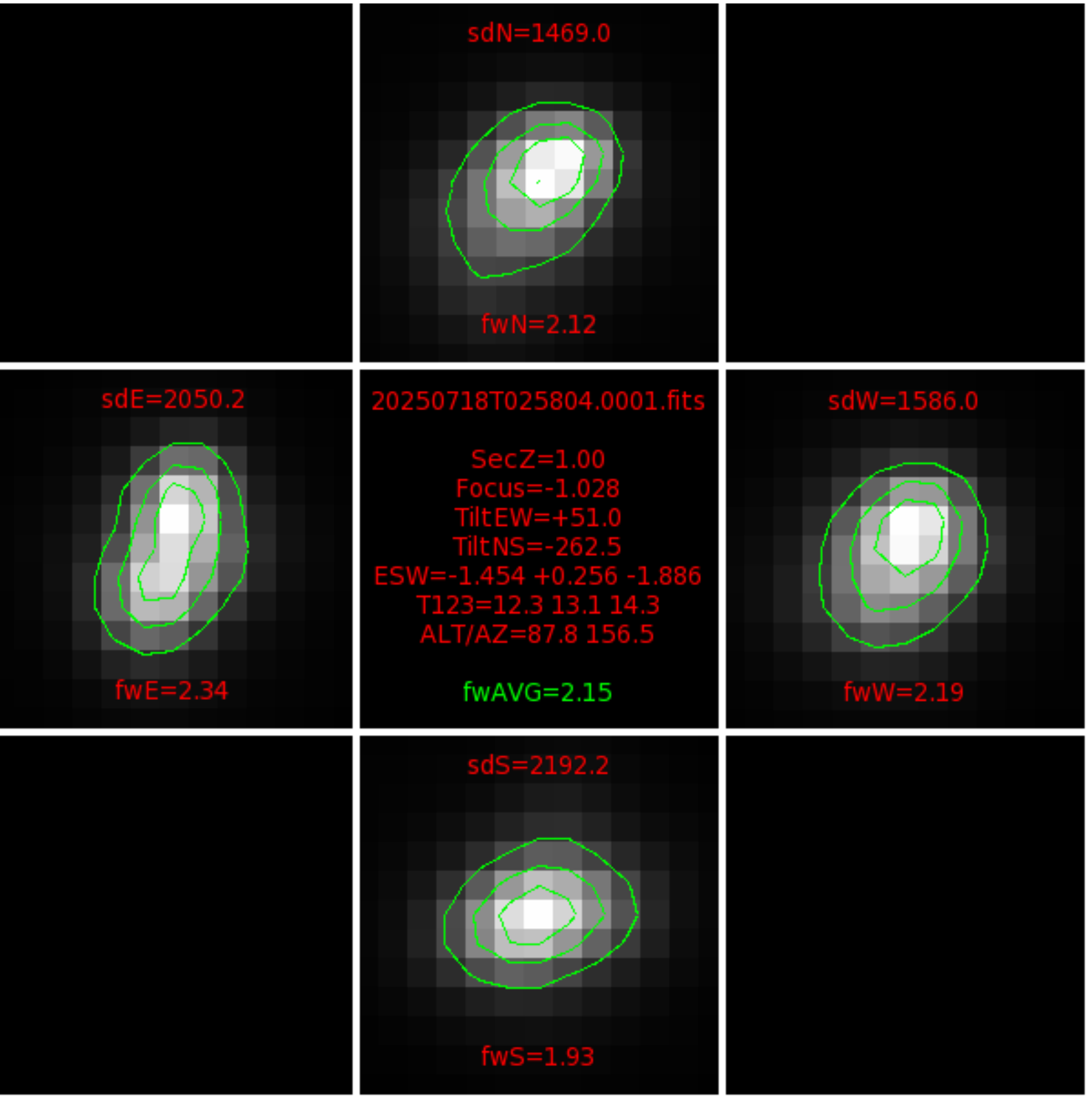
sdN=1469.0
fwN=2.12
sdE=2050.2
fwE=2.34
20250718T025804.0001.fits
SecZ=1.00
Focus=-1.028
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.454 +0.256 -1.886
T123=12.3 13.1 14.3
ALT/AZ=87.8 156.5
fwAVG=2.15
sdW=1586.0
fwW=2.19
sdS=2192.2
fwS=1.93
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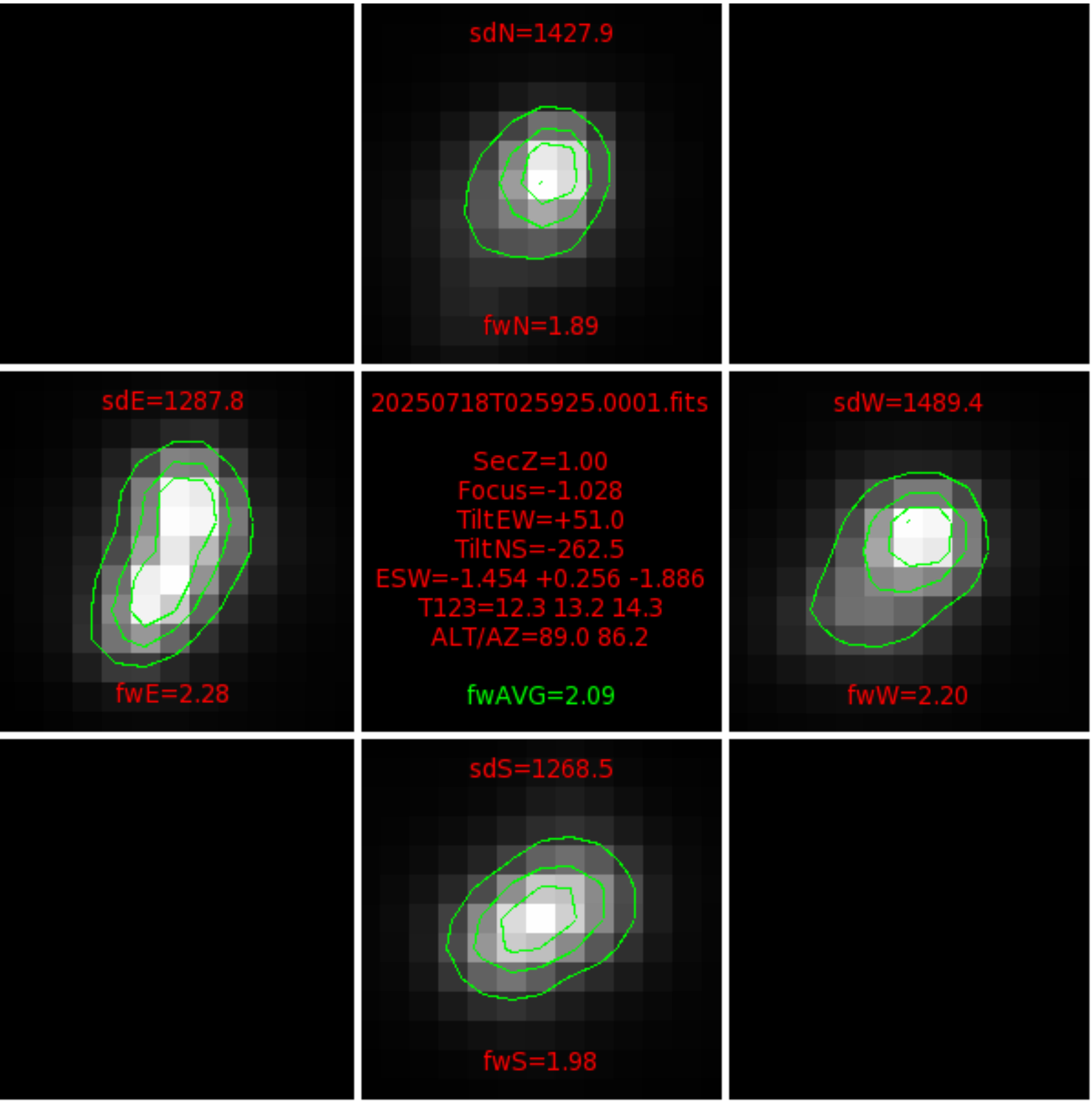
sdN=1427.9
fwN=1.89
sdE=1287.8
fwE=2.28
20250718T025925.0001.fits
SecZ=1.00
Focus=-1.028
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.454 +0.256 -1.886
T123=12.3 13.2 14.3
ALT/AZ=89.0 86.2
fwAVG=2.09
sdW=1489.4
fwW=2.20
sdS=1268.5
fwS=1.98
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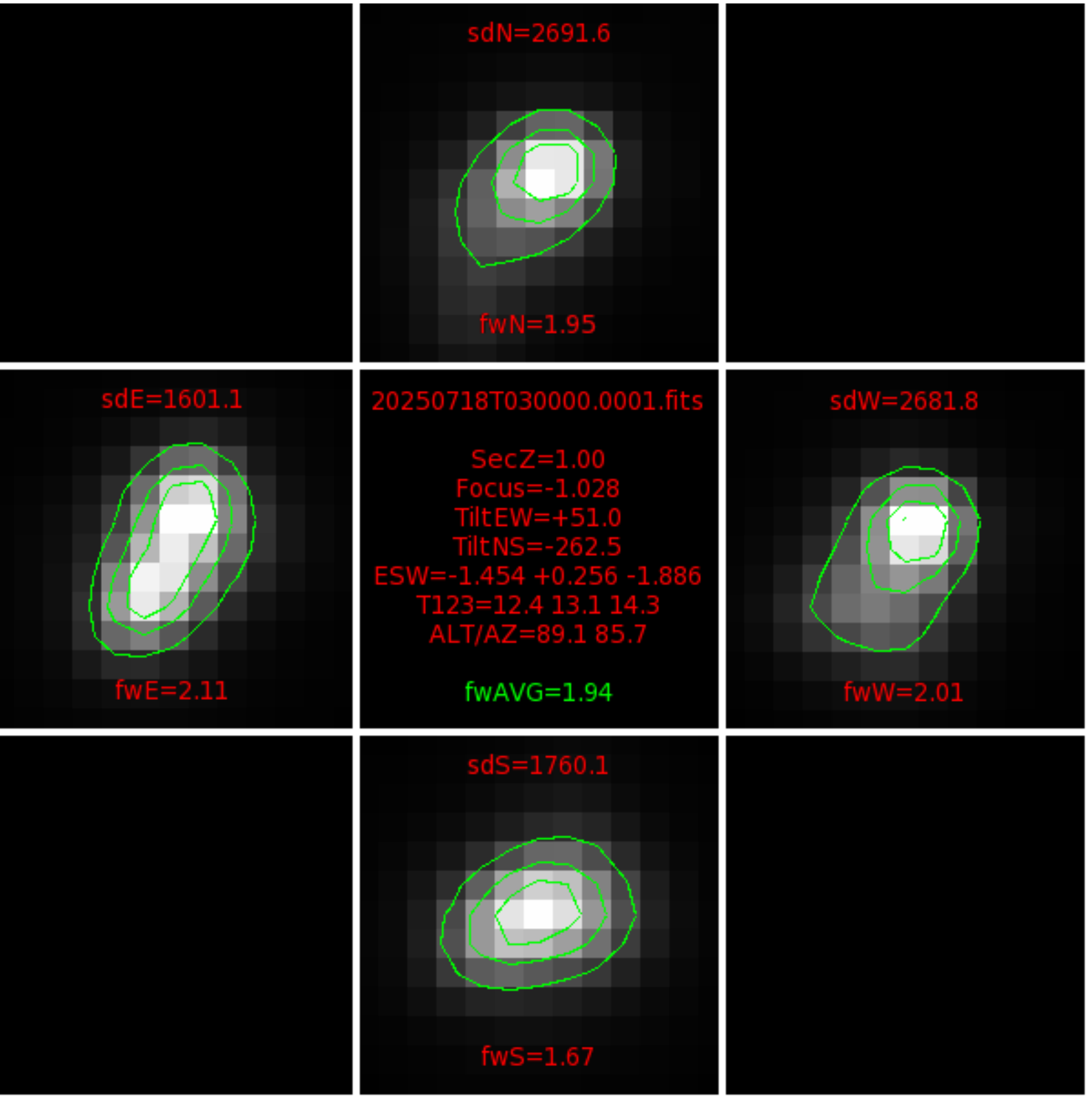
sdN=2691.6
fwN=1.95
sdE=1601.1
fwE=2.11
20250718T030000.0001.fits
SecZ=1.00
Focus=-1.028
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.454 +0.256 -1.886
T123=12.4 13.1 14.3
ALT/AZ=89.1 85.7
fwAVG=1.94
sdW=2681.8
fwW=2.01
sdS=1760.1
fwS=1.67
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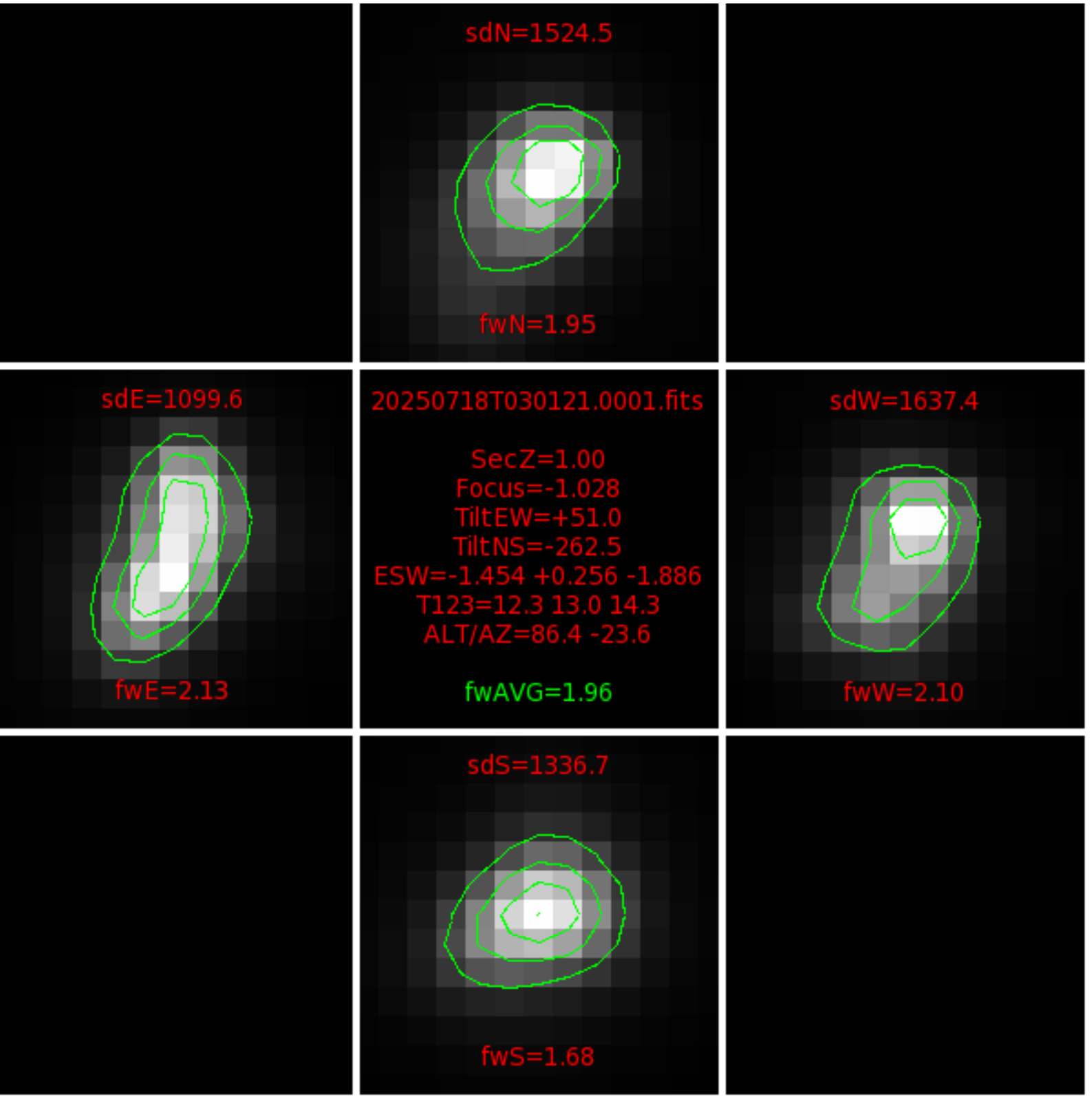
sdN=1524.5
fwN=1.95
sdE=1099.6
fwE=2.13
20250718T030121.0001.fits
SecZ=1.00
Focus=-1.028
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.454 +0.256 -1.886
T123=12.3 13.0 14.3
ALT/AZ=86.4 -23.6
fwAVG=1.96
sdW=1637.4
fwW=2.10
sdS=1336.7
fwS=1.68
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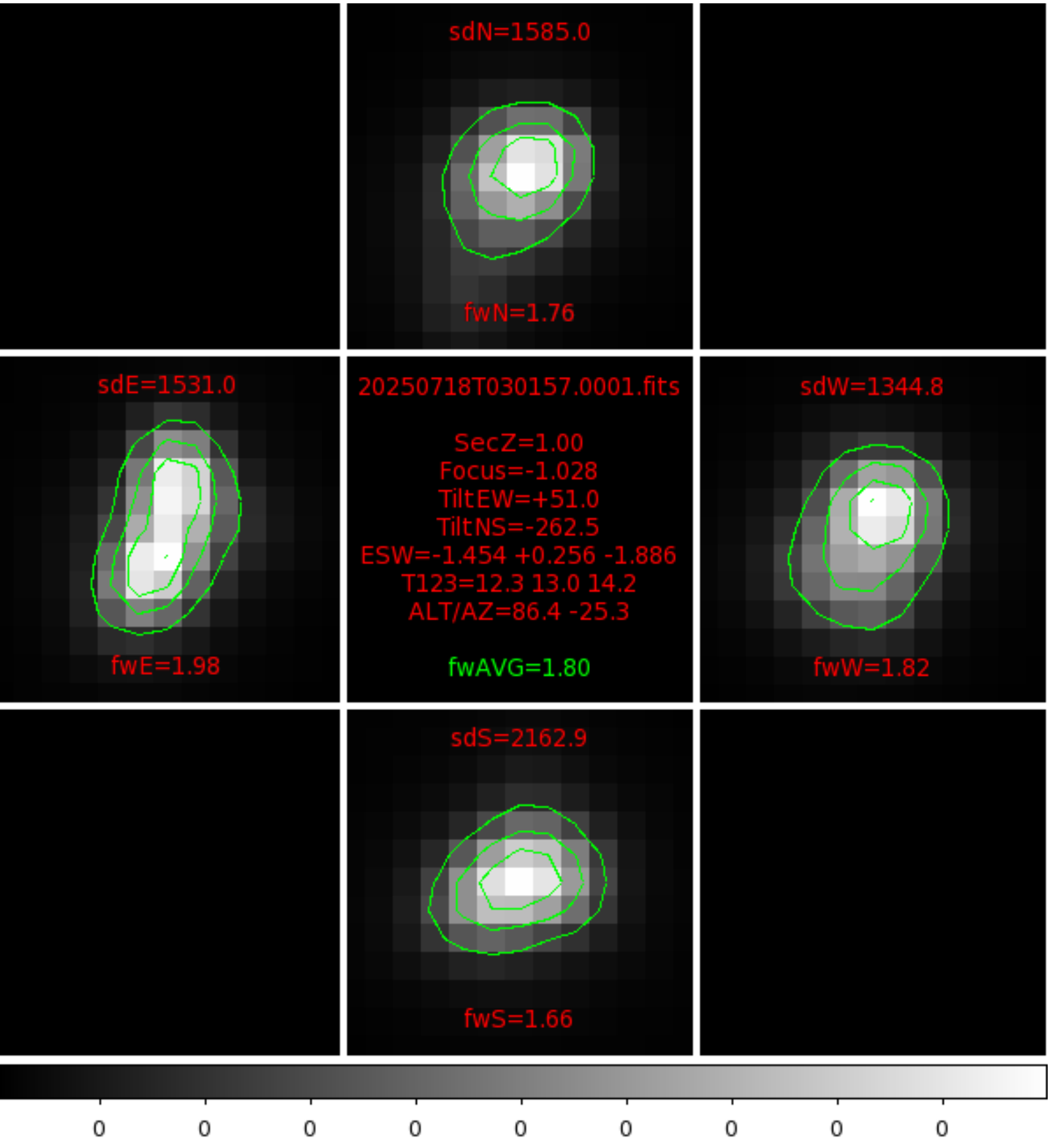
sdN=1585.0
fwN=1.76
sdE=1531.0
fwE=1.98
20250718T030157.0001.fits
SecZ=1.00
Focus=-1.028
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.454 +0.256 -1.886
T123=12.3 13.0 14.2
ALT/AZ=86.4 -25.3
fwAVG=1.80
sdW=1344.8
fwW=1.82
sdS=2162.9
fwS=1.66
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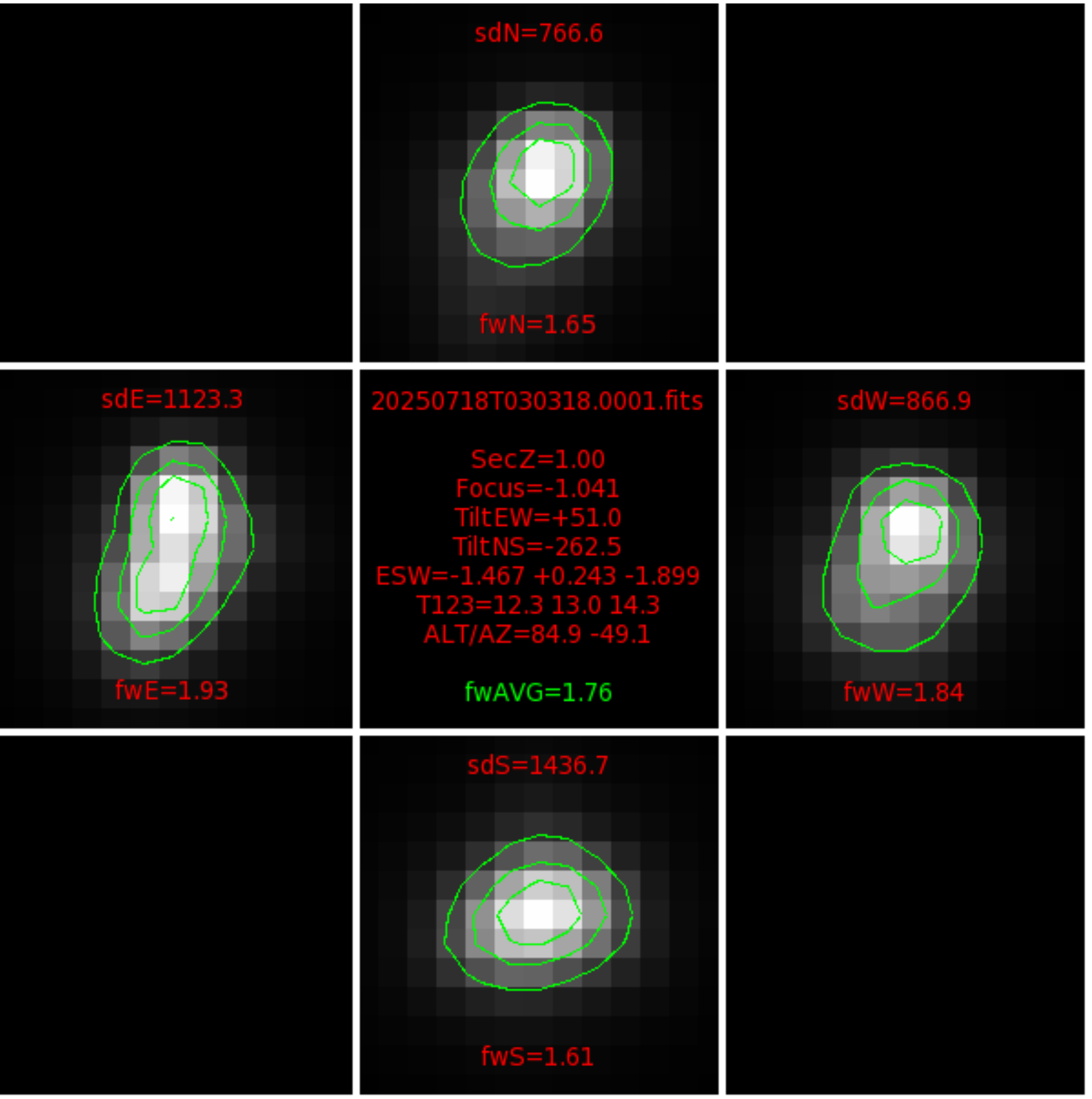
sdN=766.6
fwN=1.65
sdE=1123.3
fwE=1.93
20250718T030318.0001.fits
SecZ=1.00
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.3 13.0 14.3
ALT/AZ=84.9 -49.1
fwAVG=1.76
sdW=866.9
fwW=1.84
sdS=1436.7
fwS=1.61
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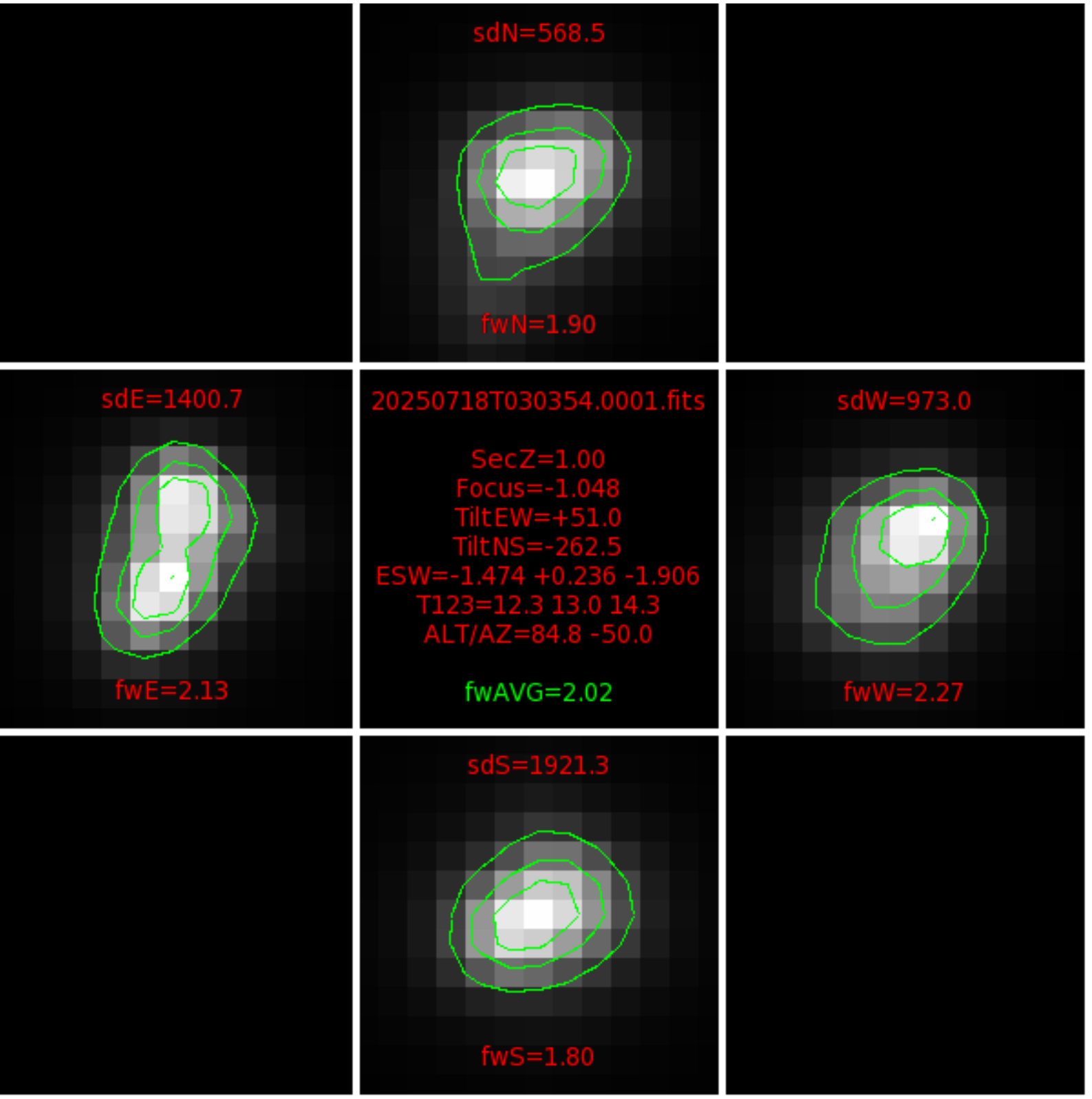
sdN=568.5
fwN=1.90
sdE=1400.7
fwE=2.13
20250718T030354.0001.fits
SecZ=1.00
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.3 13.0 14.3
ALT/AZ=84.8 -50.0
fwAVG=2.02
sdW=973.0
fwW=2.27
sdS=1921.3
fwS=1.80
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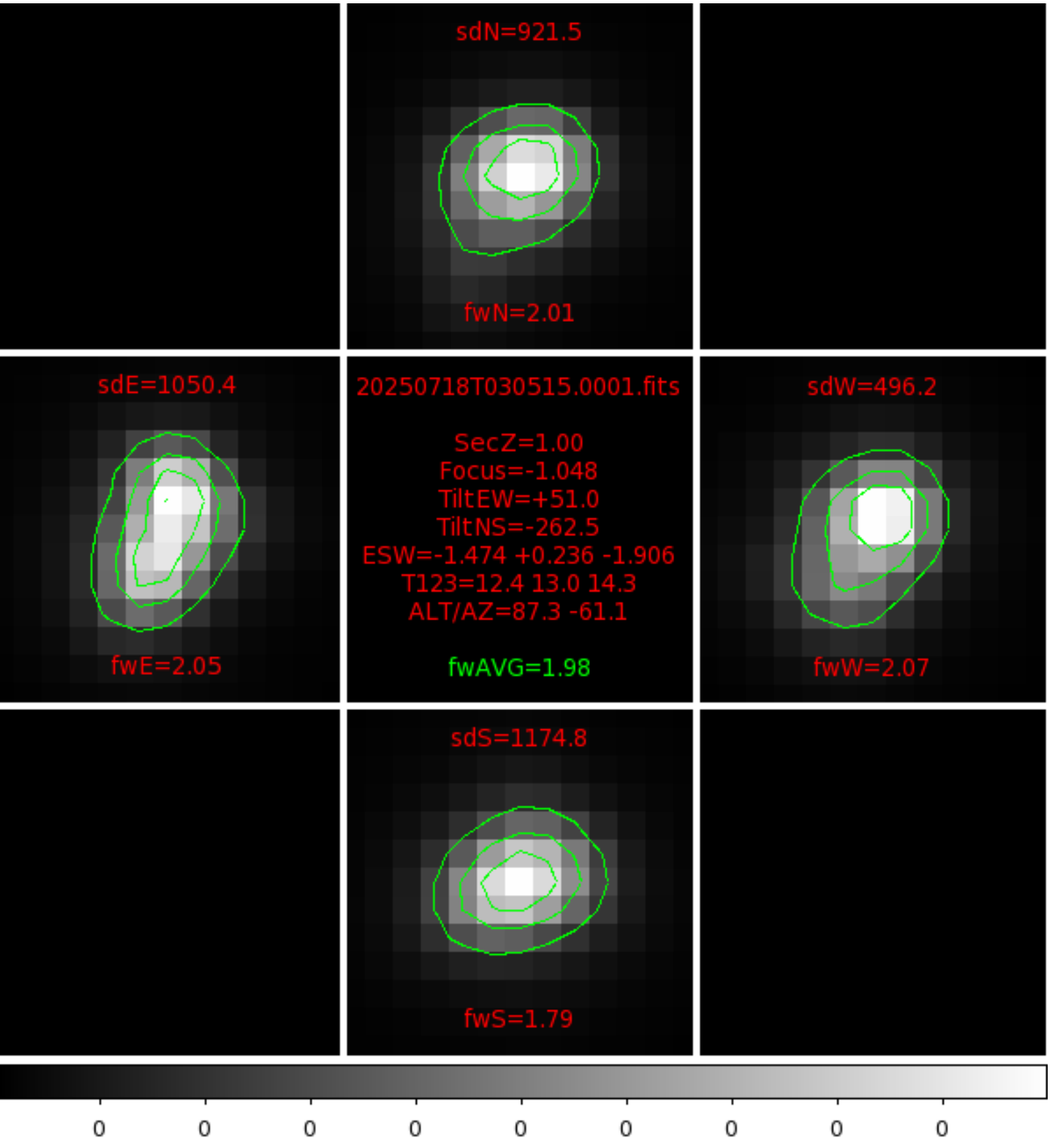
sdN=921.5
fwN=2.01
sdE=1050.4
fwE=2.05
20250718T030515.0001.fits
SecZ=1.00
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.4 13.0 14.3
ALT/AZ=87.3 -61.1
fwAVG=1.98
sdW=496.2
fwW=2.07
sdS=1174.8
fwS=1.79
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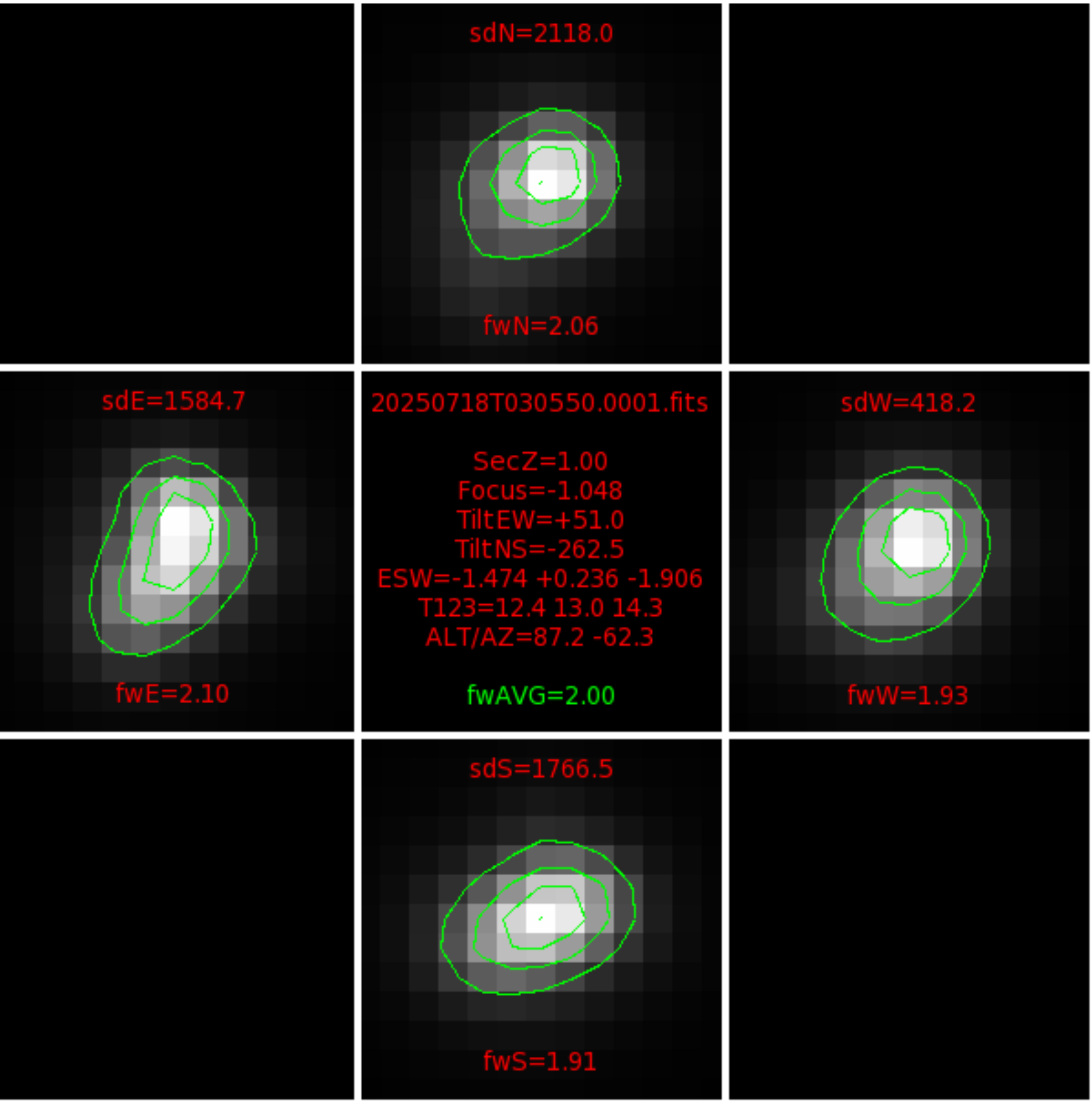
sdN=2118.0
fwN=2.06
sdE=1584.7
fwE=2.10
20250718T030550.0001.fits
SecZ=1.00
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.4 13.0 14.3
ALT/AZ=87.2 -62.3
fwAVG=2.00
sdW=418.2
fwW=1.93
sdS=1766.5
fwS=1.91
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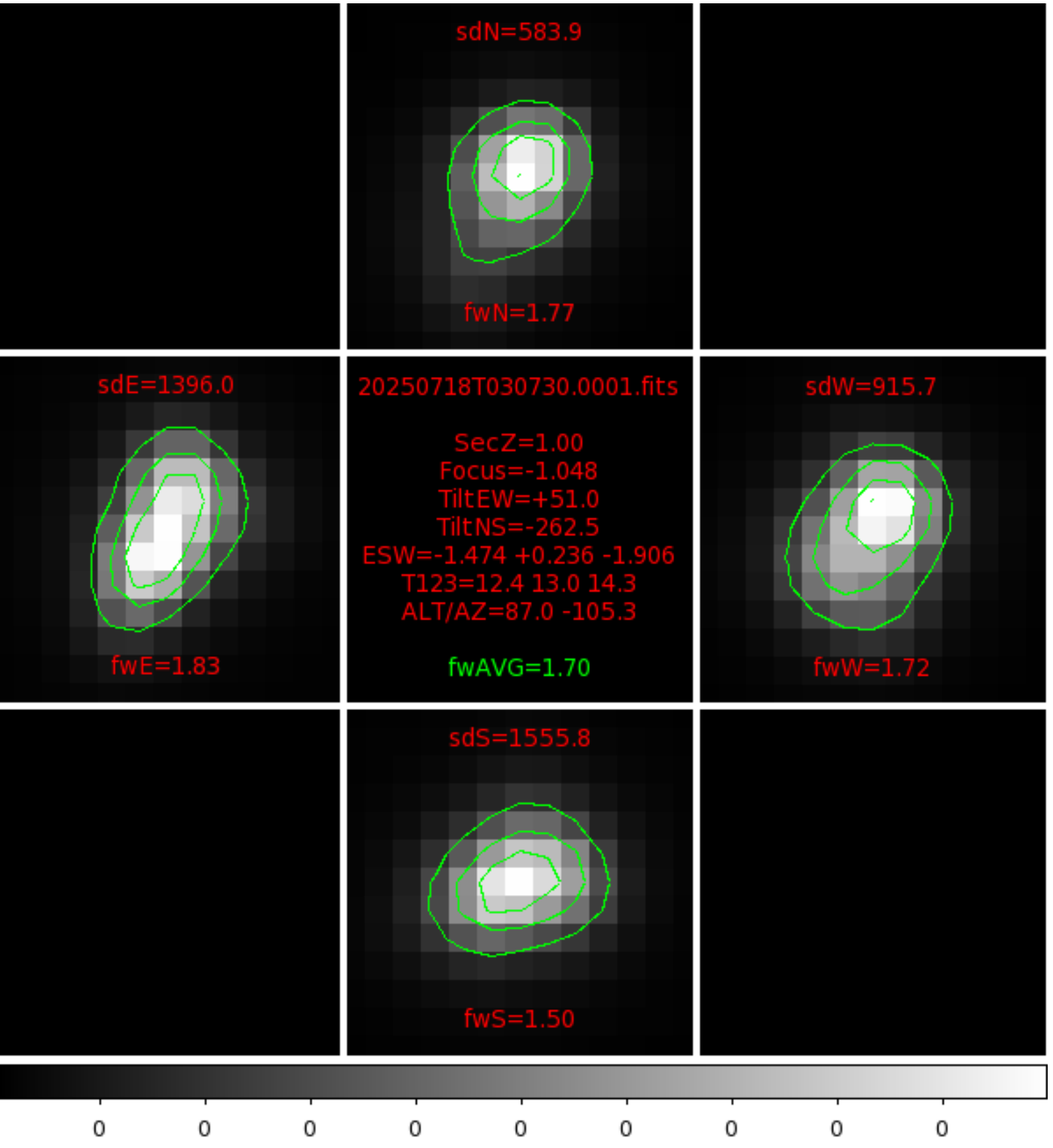
sdN=583.9
fwN=1.77
sdE=1396.0
fwE=1.83
20250718T030730.0001.fits
SecZ=1.00
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.4 13.0 14.3
ALT/AZ=87.0 -105.3
fwAVG=1.70
sdW=915.7
fwW=1.72
sdS=1555.8
fwS=1.50
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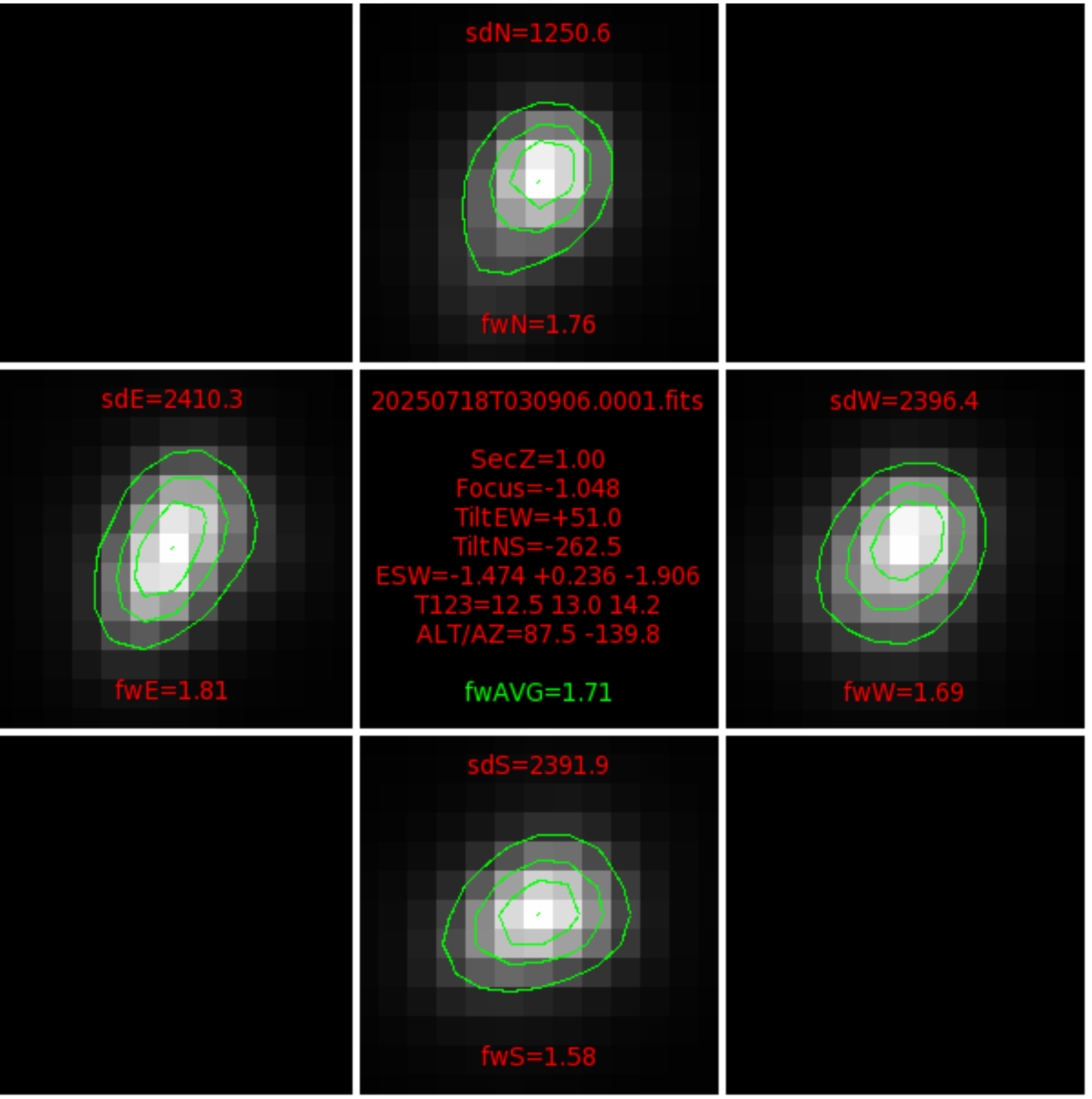
sdN=1250.6
fwN=1.76
sdE=2410.3
fwE=1.81
20250718T030906.0001.fits
SecZ=1.00
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.5 13.0 14.2
ALT/AZ=87.5 -139.8
fwAVG=1.71
sdW=2396.4
fwW=1.69
sdS=2391.9
fwS=1.58
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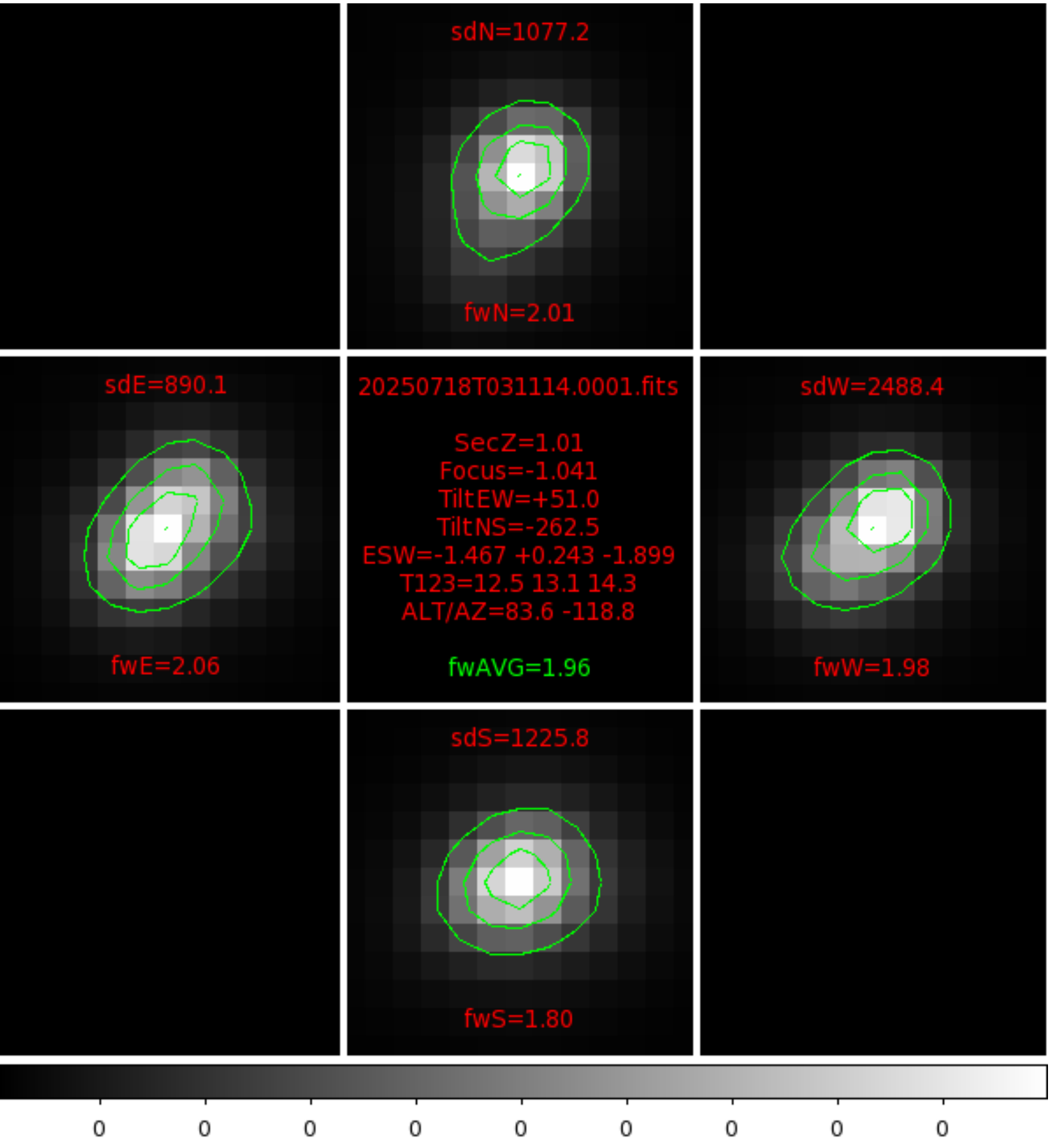
sdN=1077.2
fwN=2.01
sdE=890.1
fwE=2.06
20250718T031114.0001.fits
SecZ=1.01
Focus=-1.041
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.467 +0.243 -1.899
T123=12.5 13.1 14.3
ALT/AZ=83.6 -118.8
fwAVG=1.96
sdW=2488.4
fwW=1.98
sdS=1225.8
fwS=1.80
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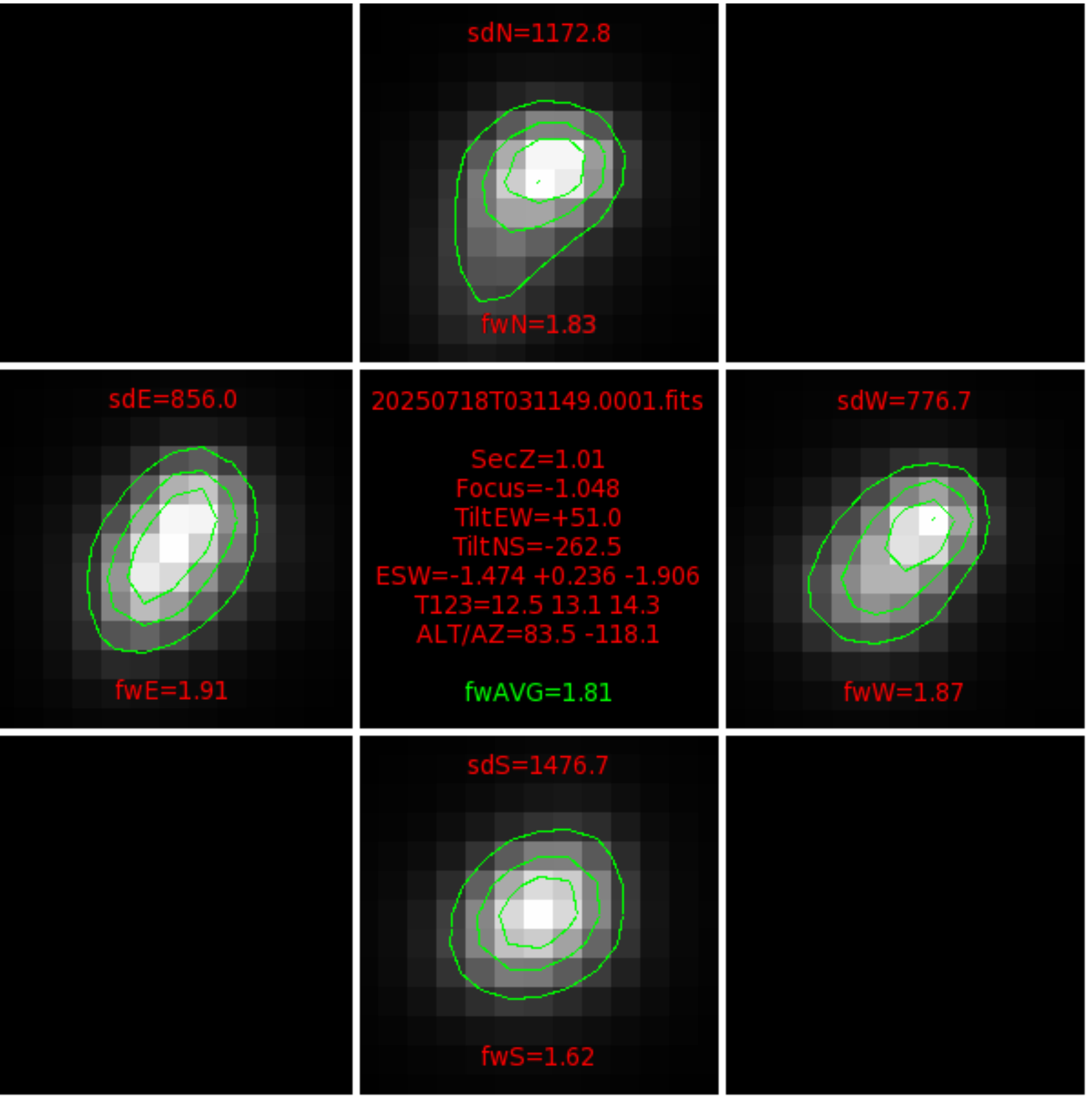
sdN=1172.8
fwN=1.83
sdE=856.0
fwE=1.91
20250718T031149.0001.fits
SecZ=1.01
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.5 13.1 14.3
ALT/AZ=83.5 -118.1
fwAVG=1.81
sdW=776.7
fwW=1.87
sdS=1476.7
fwS=1.62
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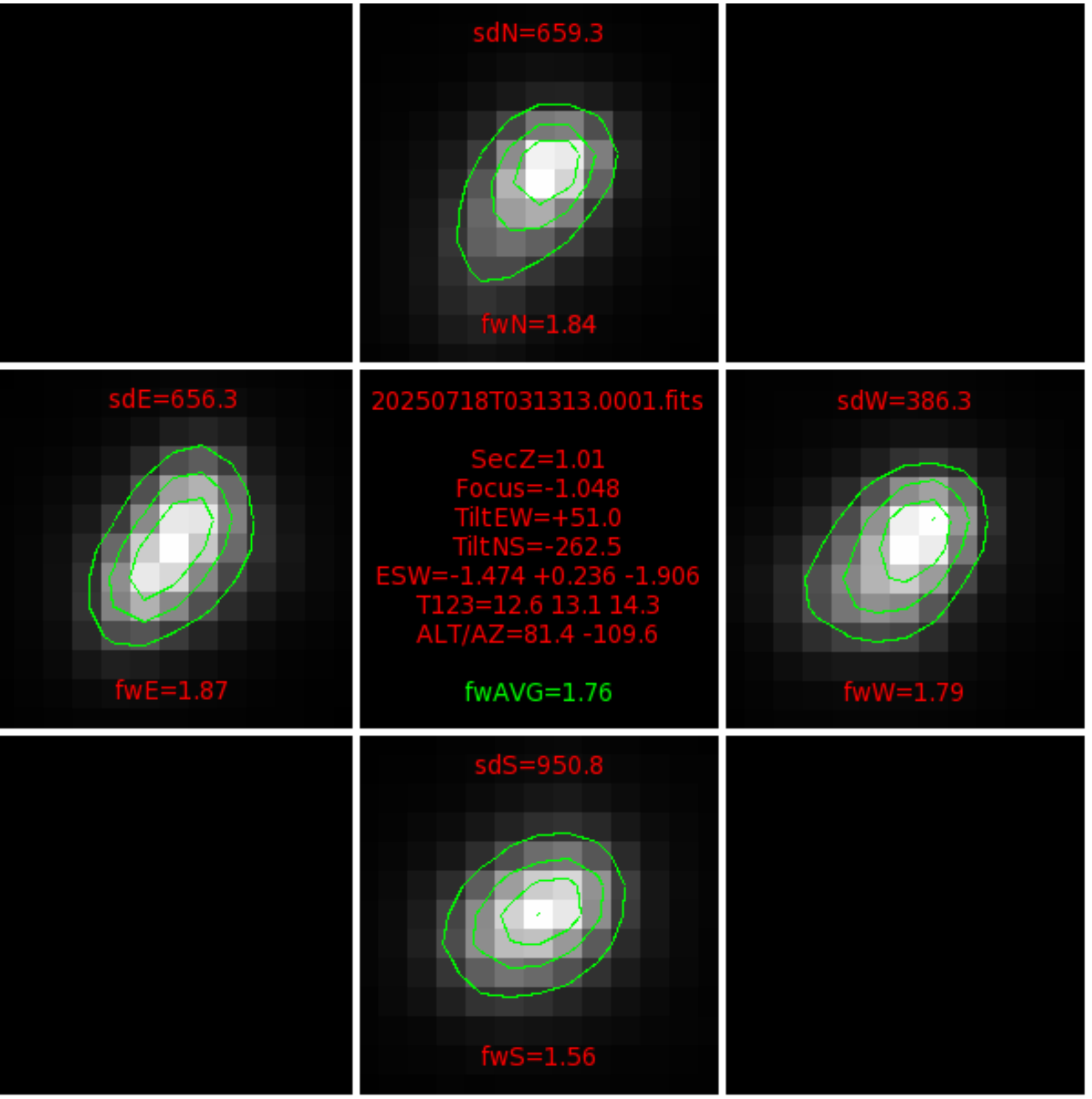
sdN=659.3
fwN=1.84
sdE=656.3
fwE=1.87
20250718T031313.0001.fits
SecZ=1.01
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.6 13.1 14.3
ALT/AZ=81.4 -109.6
fwAVG=1.76
sdW=386.3
fwW=1.79
sdS=950.8
fwS=1.56
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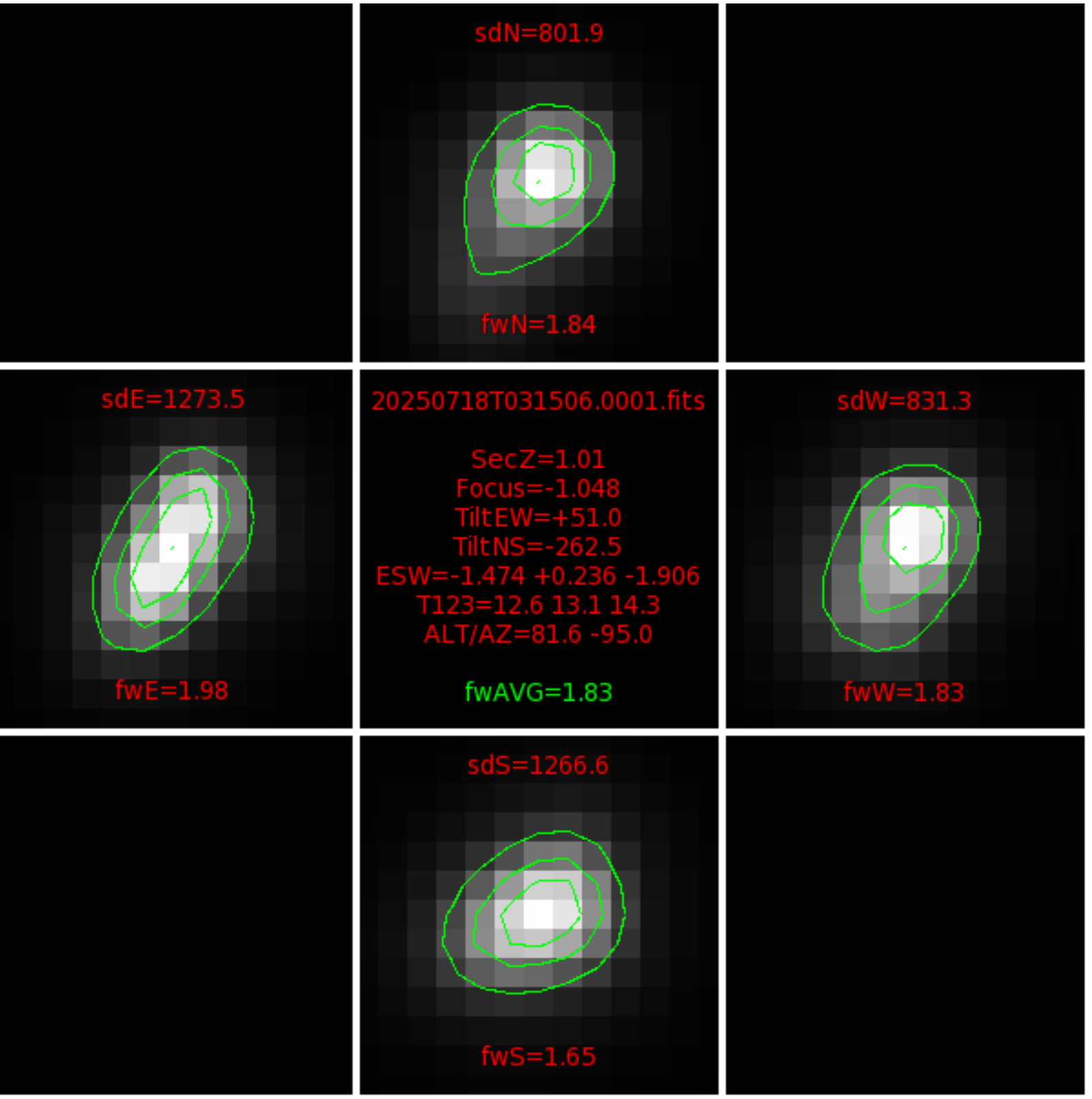
sdN=801.9
fwN=1.84
sdE=1273.5
fwE=1.98
20250718T031506.0001.fits
SecZ=1.01
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.6 13.1 14.3
ALT/AZ=81.6 -95.0
fwAVG=1.83
sdW=831.3
fwW=1.83
sdS=1266.6
fwS=1.65
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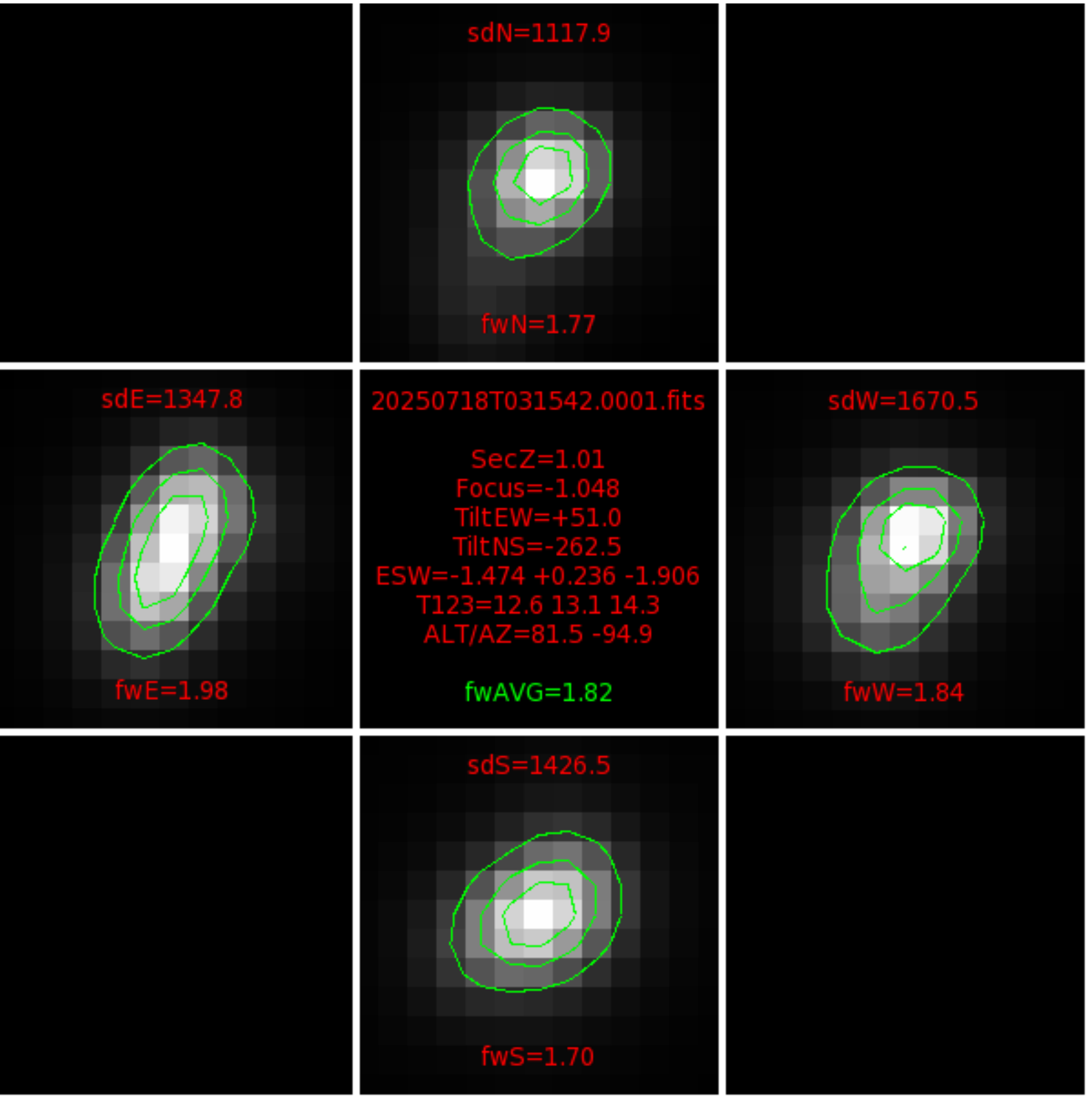
sdN=1117.9
fwN=1.77
sdE=1347.8
fwE=1.98
20250718T031542.0001.fits
SecZ=1.01
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.6 13.1 14.3
ALT/AZ=81.5 -94.9
fwAVG=1.82
sdW=1670.5
fwW=1.84
sdS=1426.5
fwS=1.70
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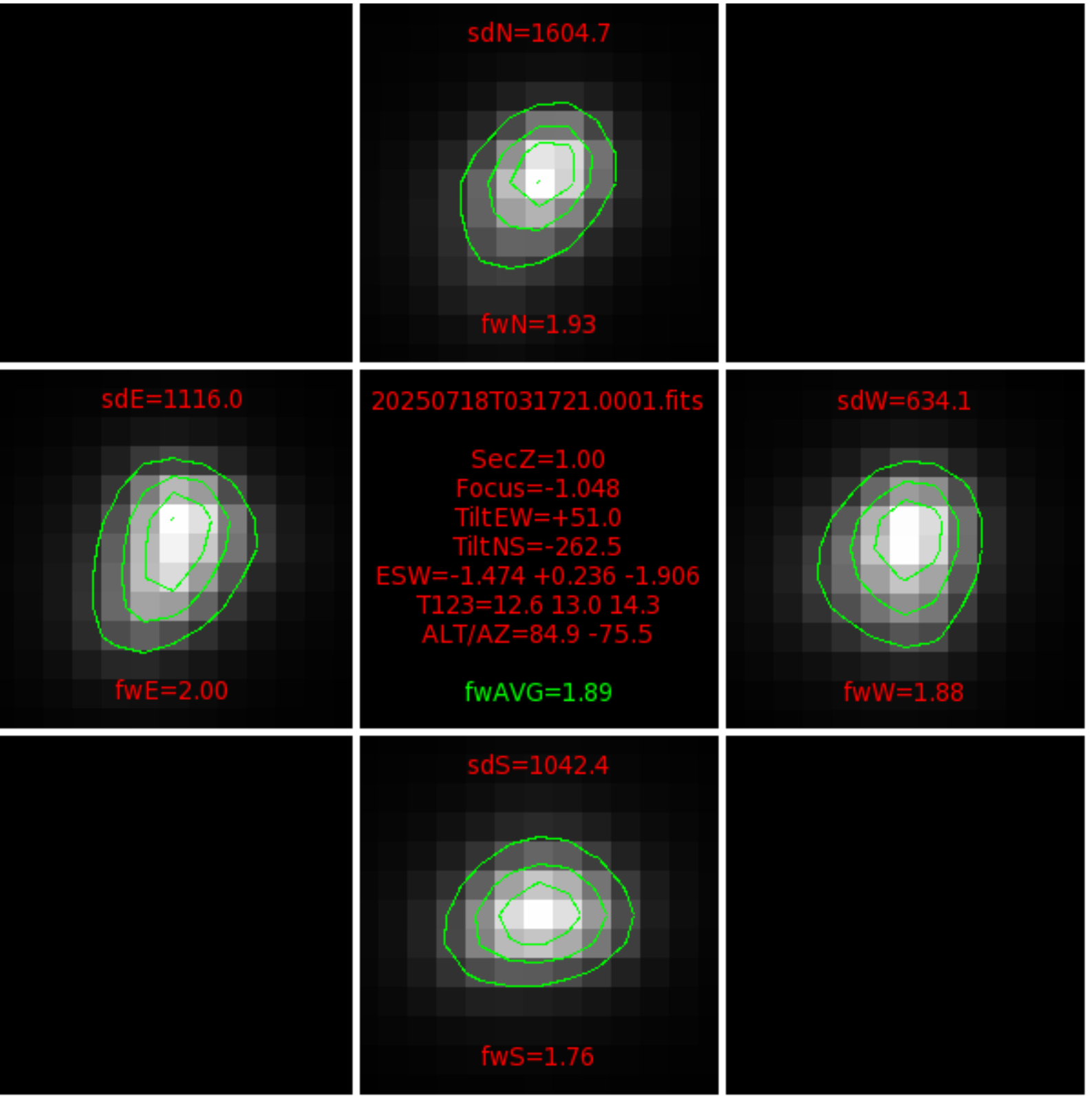
sdN=1604.7
fwN=1.93
sdE=1116.0
fwE=2.00
20250718T031721.0001.fits
SecZ=1.00
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.6 13.0 14.3
ALT/AZ=84.9 -75.5
fwAVG=1.89
sdW=634.1
fwW=1.88
sdS=1042.4
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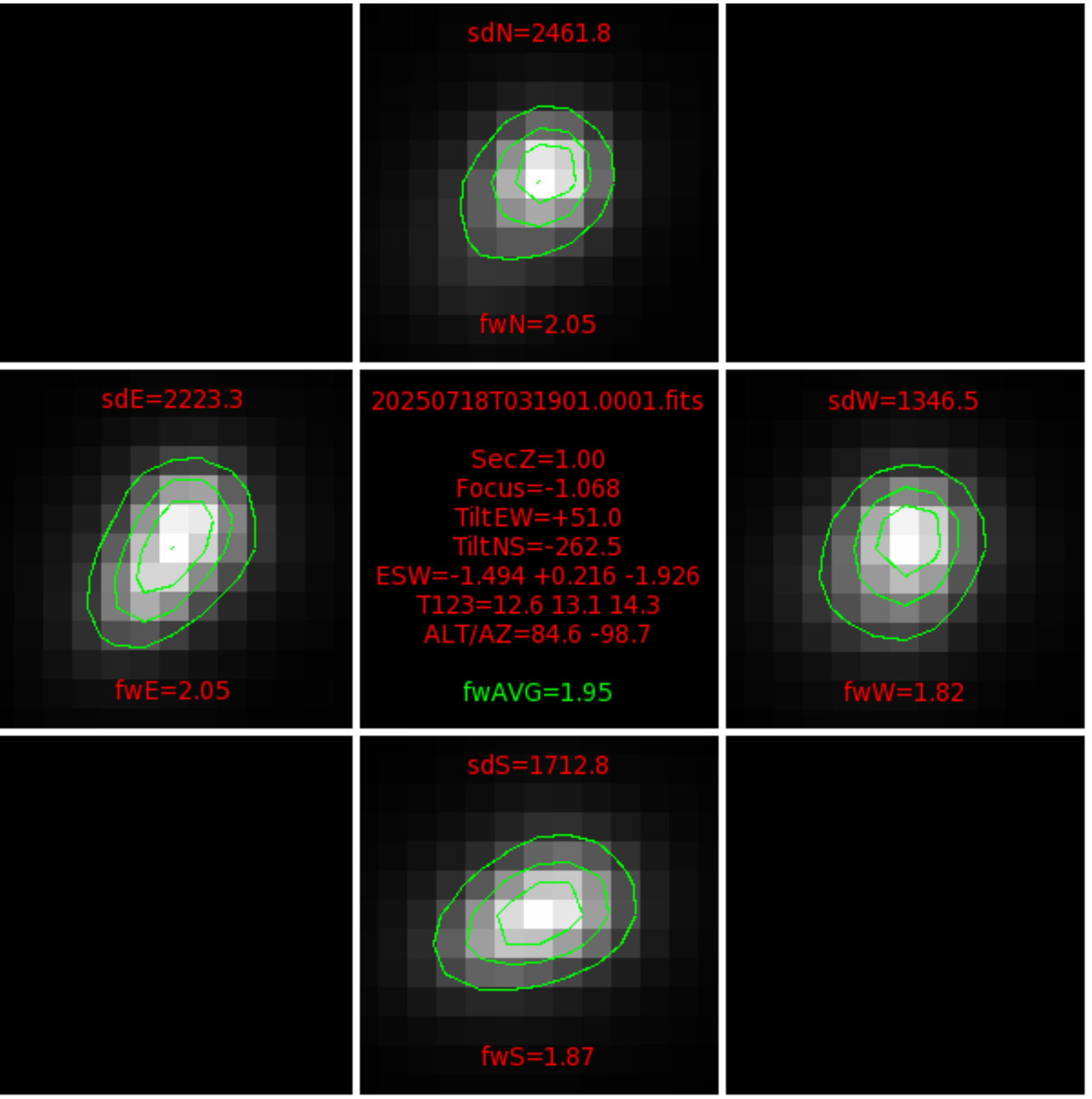
sdN=2461.8
fwN=2.05
sdE=2223.3
fwE=2.05
20250718T031901.0001.fits
SecZ=1.00
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.1 14.3
ALT/AZ=84.6 -98.7
fwAVG=1.95
sdW=1346.5
fwW=1.82
sdS=1712.8
fwS=1.87
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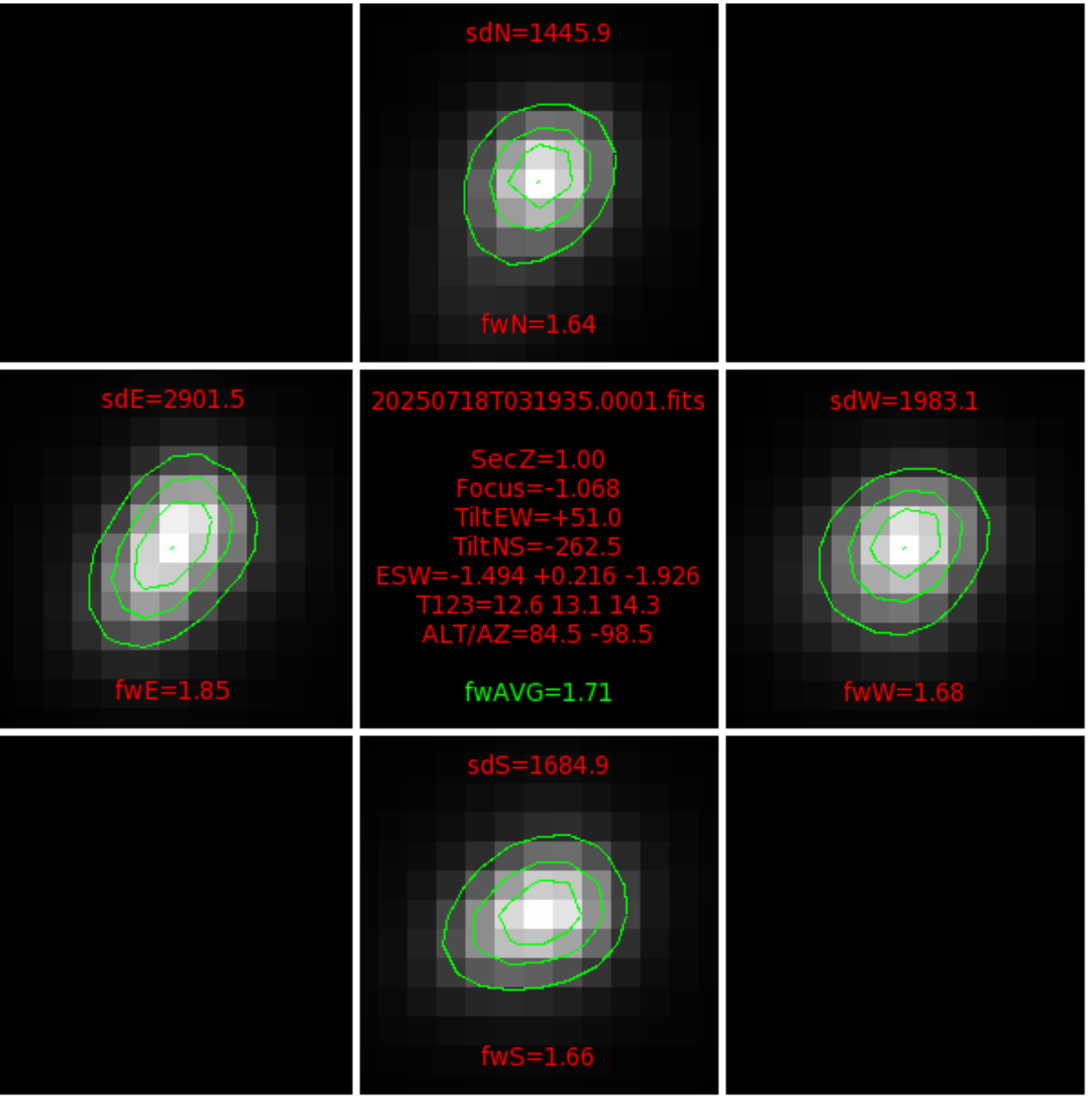
sdN=1445.9
fwN=1.64
sdE=2901.5
fwE=1.85
20250718T031935.0001.fits
SecZ=1.00
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.1 14.3
ALT/AZ=84.5 -98.5
fwAVG=1.71
sdW=1983.1
fwW=1.68
sdS=1684.9
fwS=1.66
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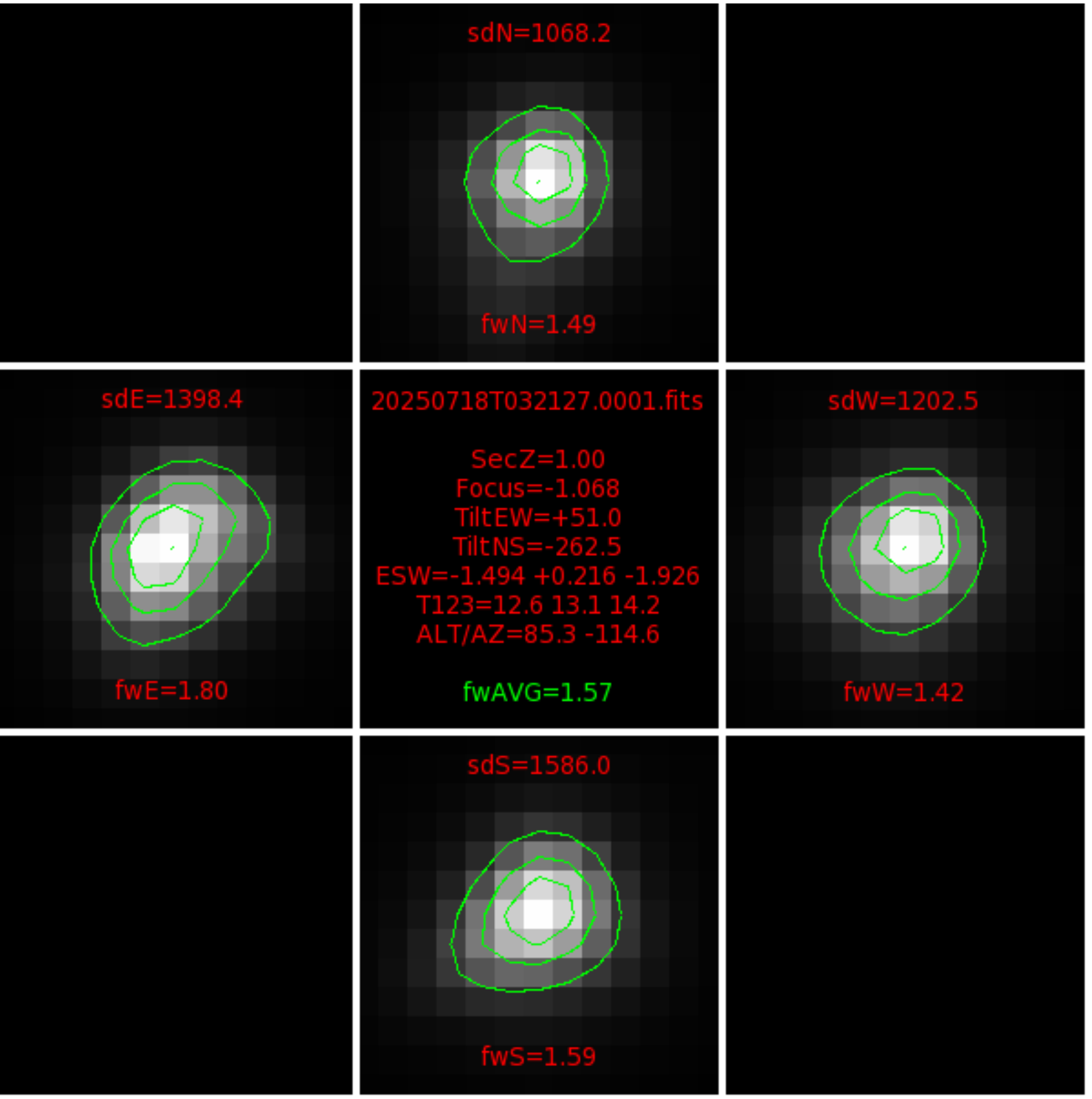
sdN=1068.2
fwN=1.49
sdE=1398.4
fwE=1.80
20250718T032127.0001.fits
SecZ=1.00
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.1 14.2
ALT/AZ=85.3 -114.6
fwAVG=1.57
sdW=1202.5
fwW=1.42
sdS=1586.0
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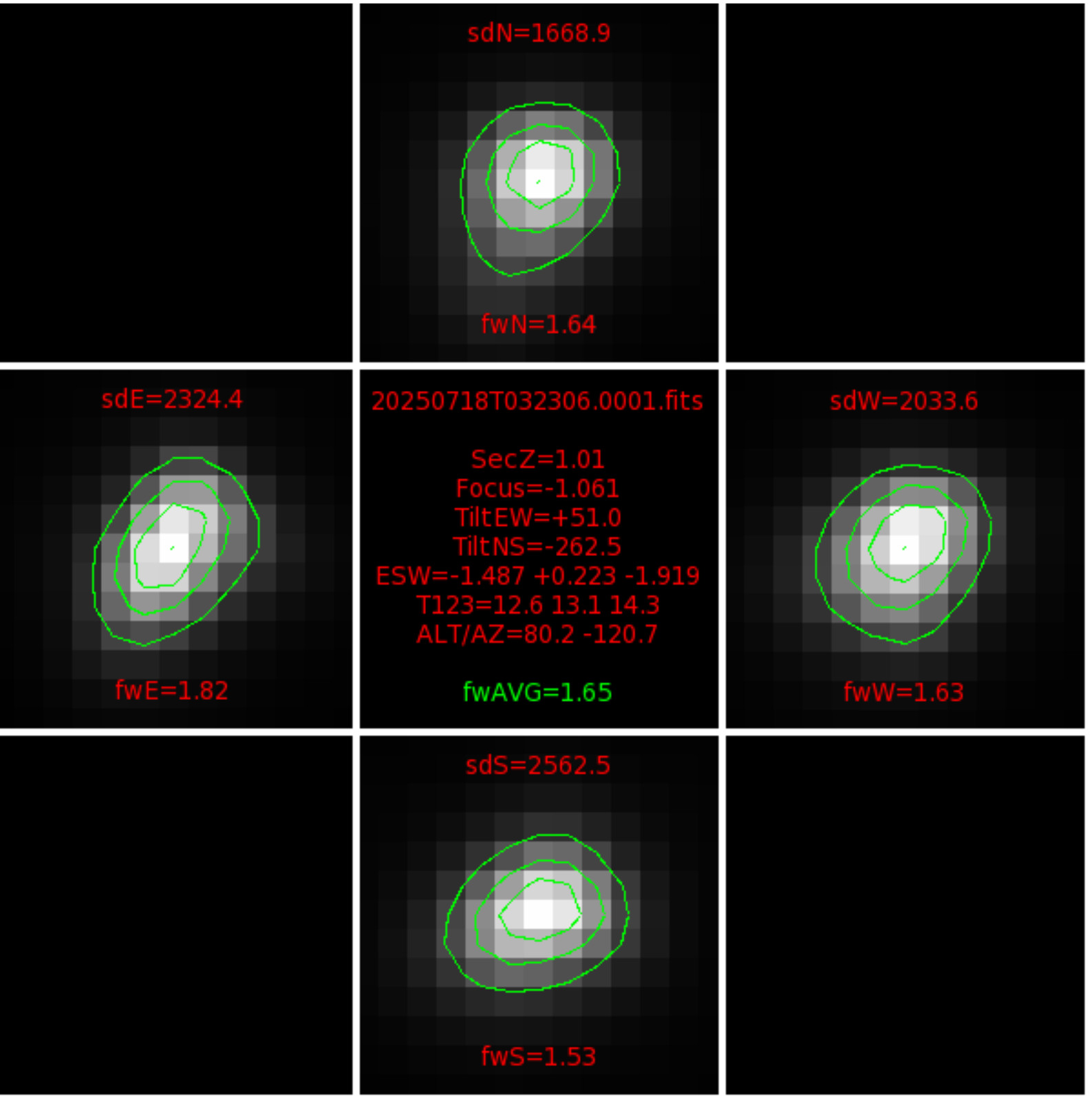
sdN=1668.9
fwN=1.64
sdE=2324.4
fwE=1.82
20250718T032306.0001.fits
SecZ=1.01
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.6 13.1 14.3
ALT/AZ=80.2 -120.7
fwAVG=1.65
sdW=2033.6
fwW=1.63
sdS=2562.5
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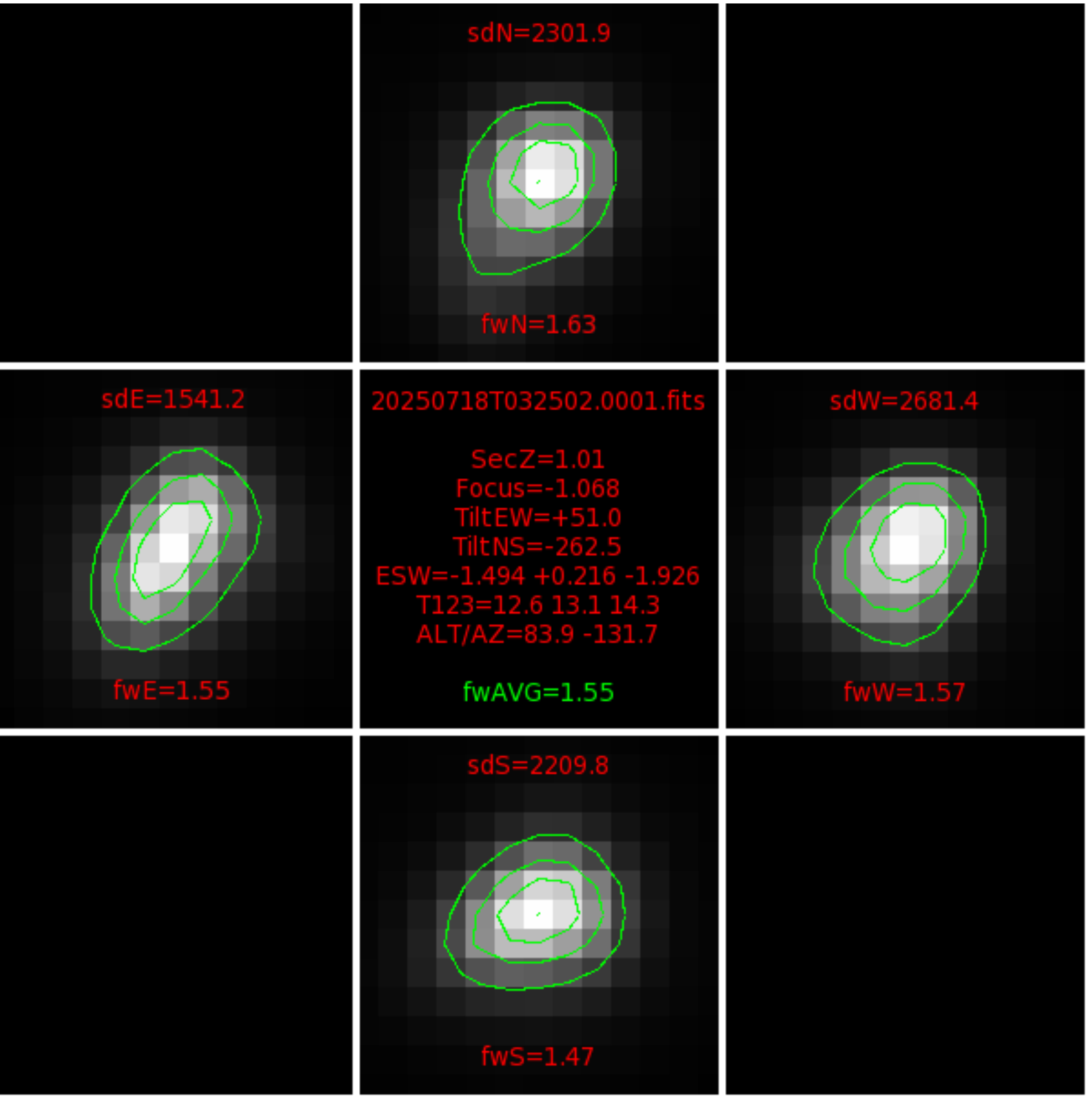
sdN=2301.9
fwN=1.63
sdE=1541.2
fwE=1.55
20250718T032502.0001.fits
SecZ=1.01
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.1 14.3
ALT/AZ=83.9 -131.7
fwAVG=1.55
sdW=2681.4
fwW=1.57
sdS=2209.8
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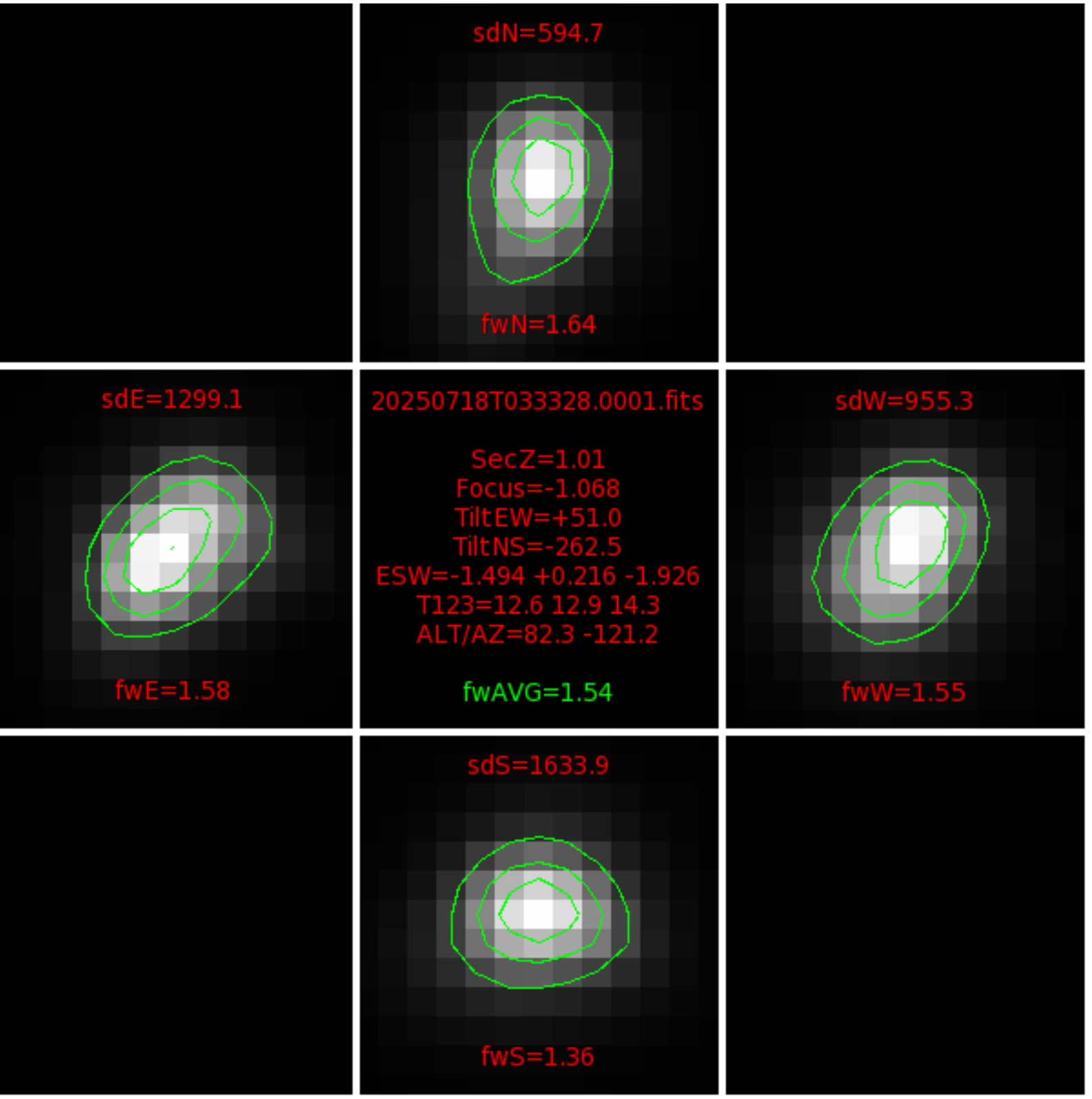
sdN=594.7
fwN=1.64
sdE=1299.1
fwE=1.58
20250718T033328.0001.fits
SecZ=1.01
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.3
ALT/AZ=82.3 -121.2
fwAVG=1.54
sdW=955.3
fwW=1.55
sdS=1633.9
fwS=1.36
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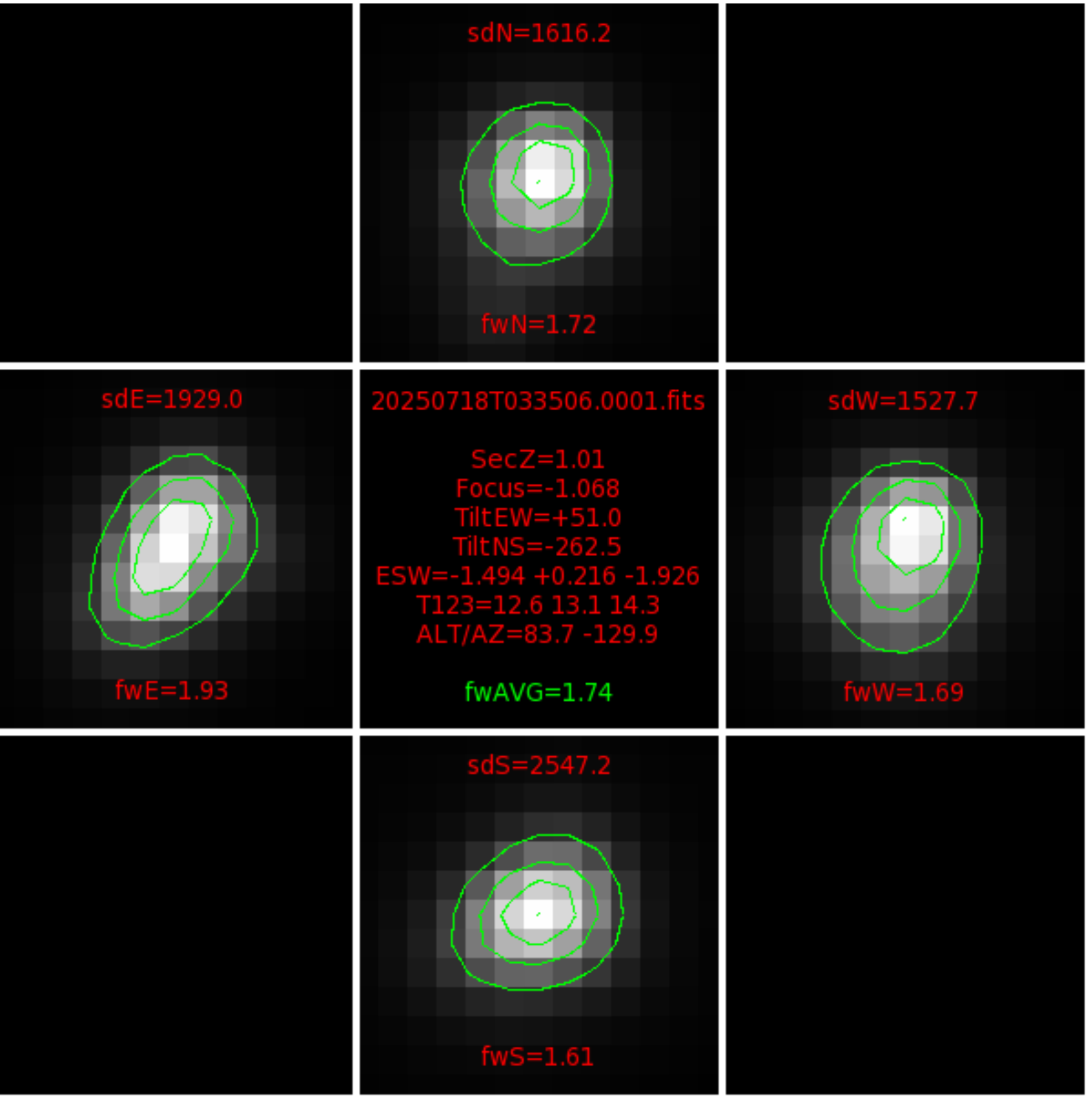
sdN=1616.2
fwN=1.72
sdE=1929.0
fwE=1.93
20250718T033506.0001.fits
SecZ=1.01
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.1 14.3
ALT/AZ=83.7 -129.9
fwAVG=1.74
sdW=1527.7
fwW=1.69
sdS=2547.2
fwS=1.61
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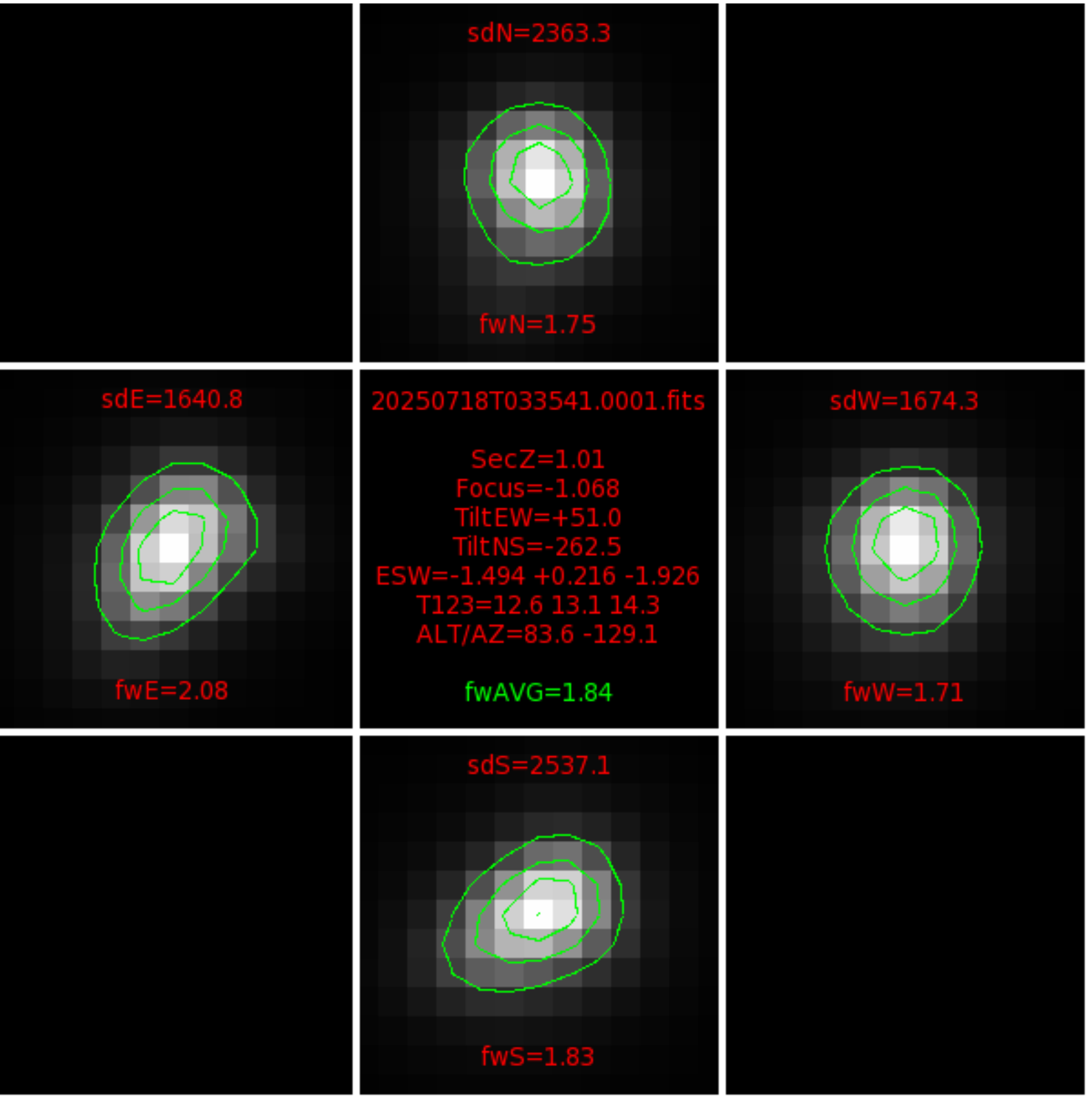
sdN=2363.3
fwN=1.75
sdE=1640.8
fwE=2.08
20250718T033541.0001.fits
SecZ=1.01
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.1 14.3
ALT/AZ=83.6 -129.1
fwAVG=1.84
sdW=1674.3
fwW=1.71
sdS=2537.1
fwS=1.83
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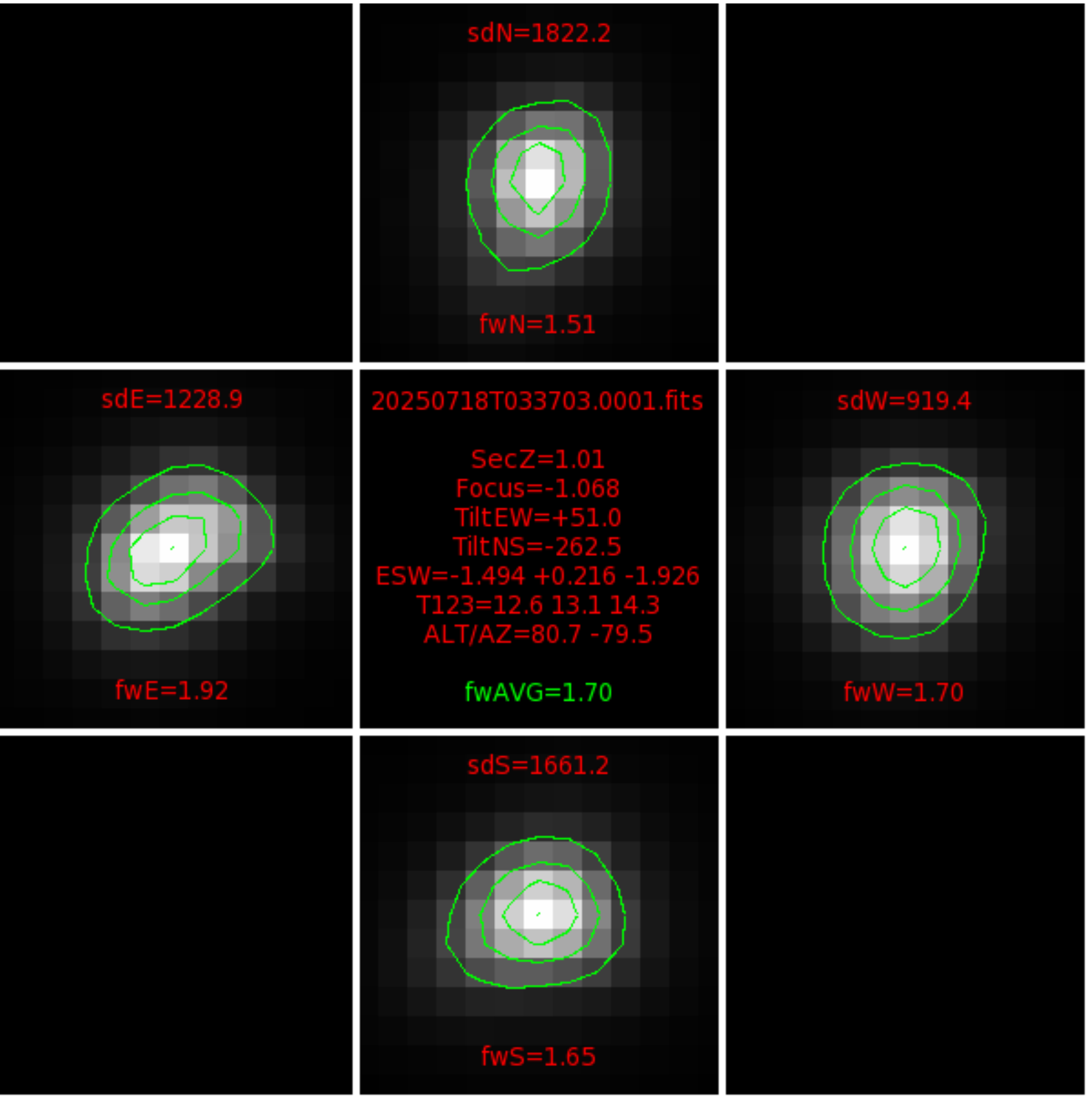
sdN=1822.2
fwN=1.51
sdE=1228.9
fwE=1.92
20250718T033703.0001.fits
SecZ=1.01
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.1 14.3
ALT/AZ=80.7 -79.5
fwAVG=1.70
sdW=919.4
fwW=1.70
sdS=1661.2
fwS=1.65
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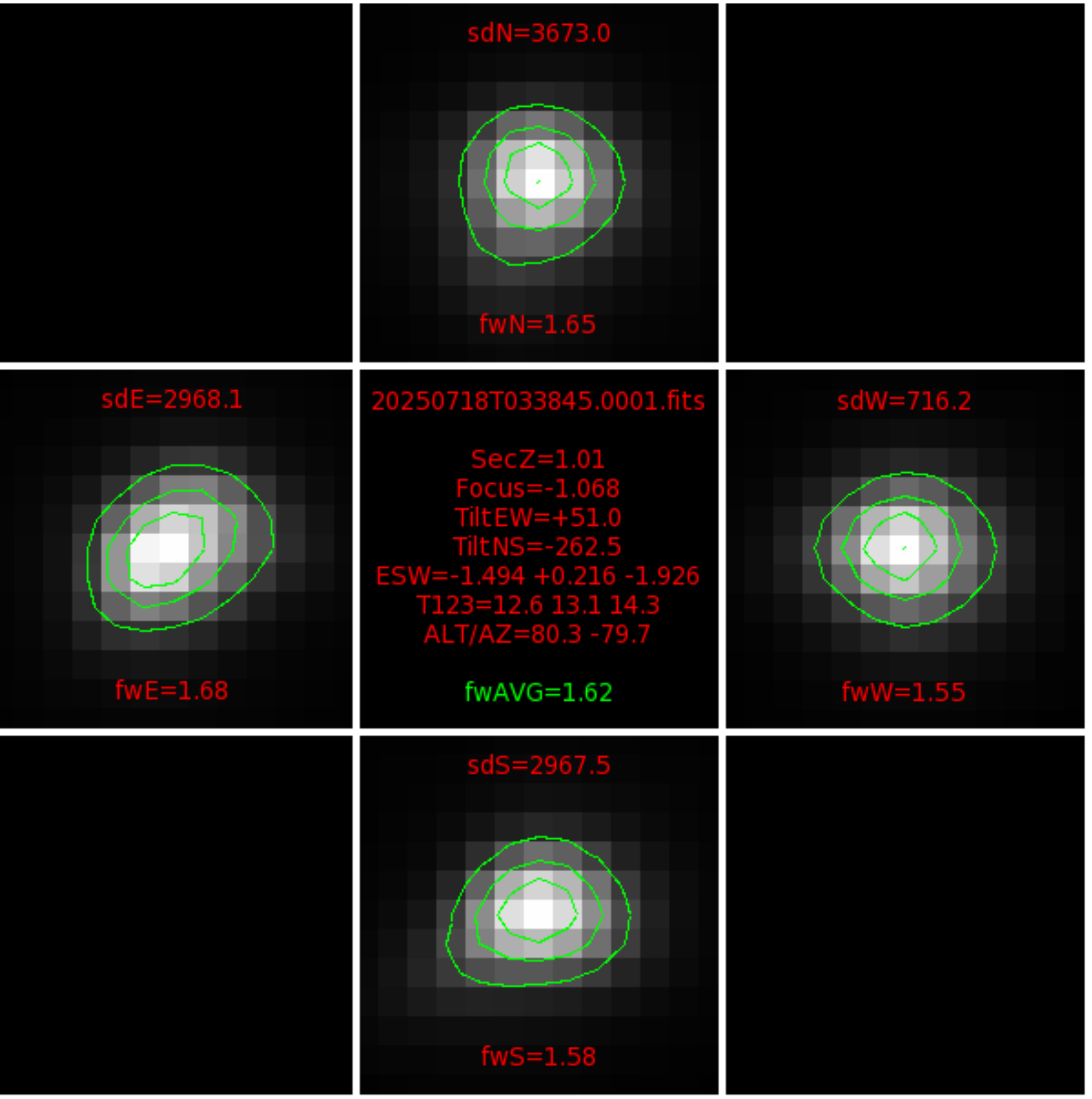
sdN=3673.0
fwN=1.65
sdE=2968.1
fwE=1.68
20250718T033845.0001.fits
SecZ=1.01
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.1 14.3
ALT/AZ=80.3 -79.7
fwAVG=1.62
sdW=716.2
fwW=1.55
sdS=2967.5
fwS=1.58
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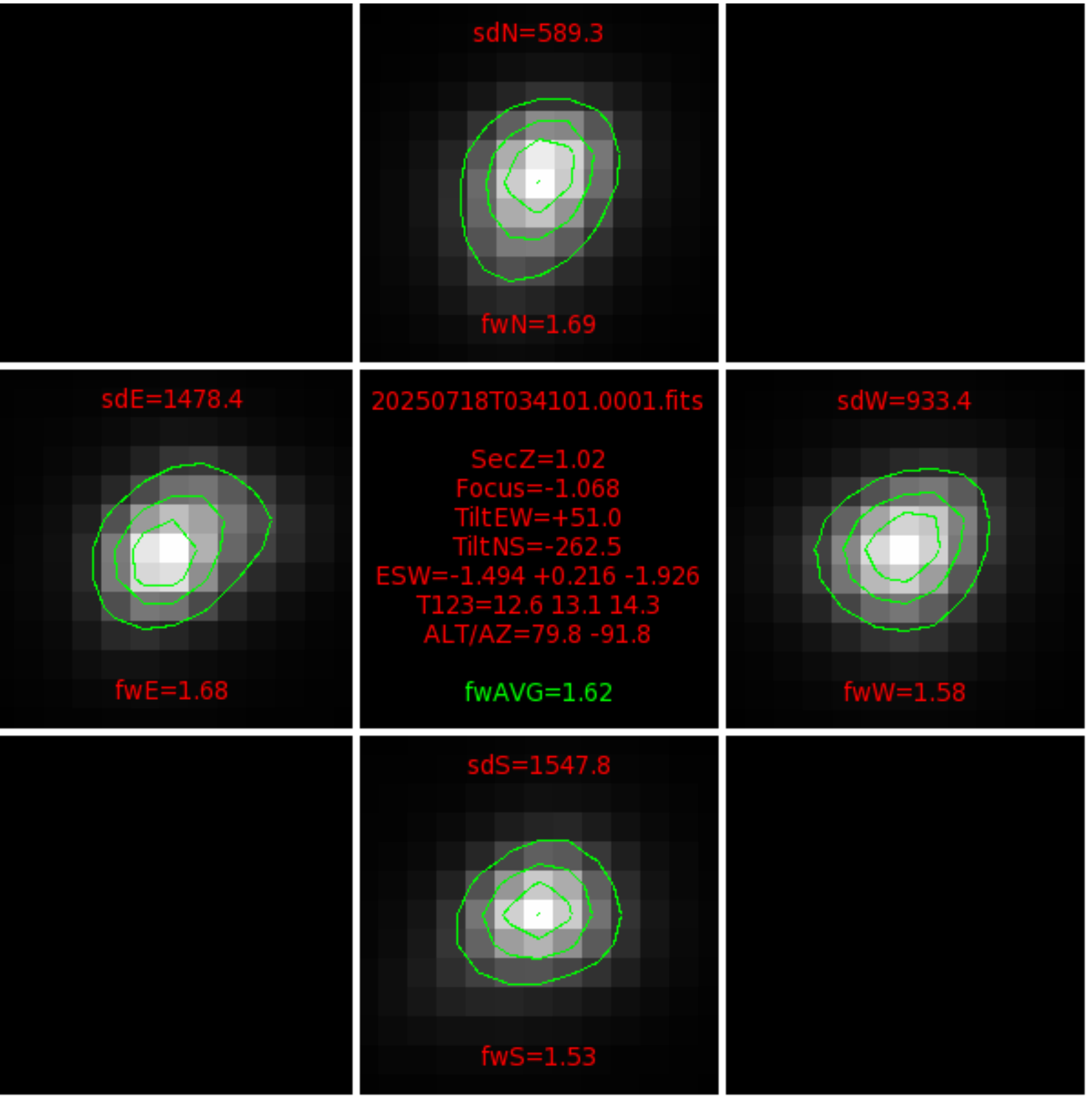
sdN=589.3
fwN=1.69
sdE=1478.4
fwE=1.68
20250718T034101.0001.fits
SecZ=1.02
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.1 14.3
ALT/AZ=79.8 -91.8
fwAVG=1.62
sdW=933.4
fwW=1.58
sdS=1547.8
fwS=1.53
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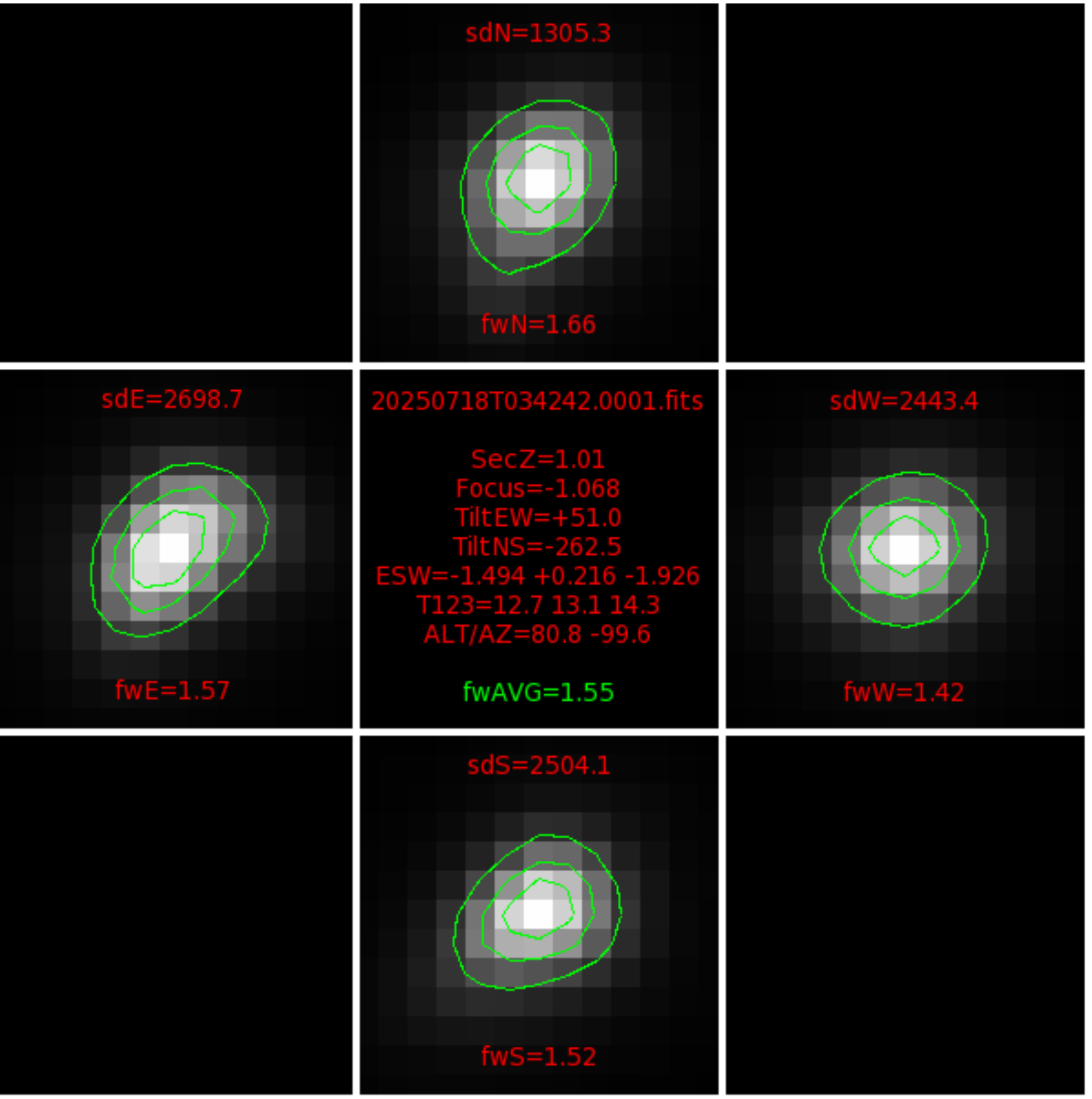
sdN=1305.3
fwN=1.66
sdE=2698.7
fwE=1.57
20250718T034242.0001.fits
SecZ=1.01
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.1 14.3
ALT/AZ=80.8 -99.6
fwAVG=1.55
sdW=2443.4
fwW=1.42
sdS=2504.1
fwS=1.52
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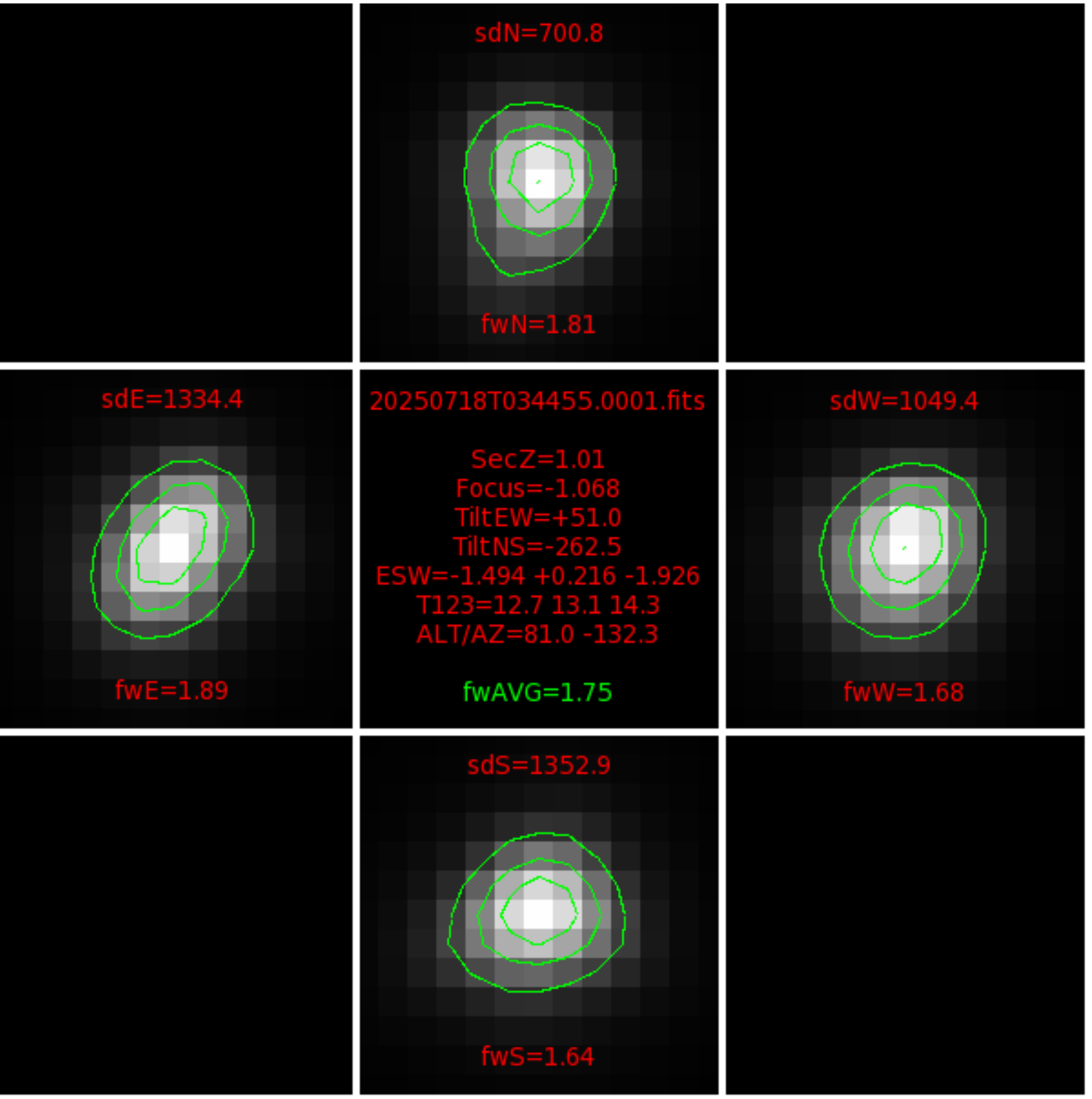
sdN=700.8
fwN=1.81
sdE=1334.4
fwE=1.89
20250718T034455.0001.fits
SecZ=1.01
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.1 14.3
ALT/AZ=81.0 -132.3
fwAVG=1.75
sdW=1049.4
fwW=1.68
sdS=1352.9
fwS=1.64
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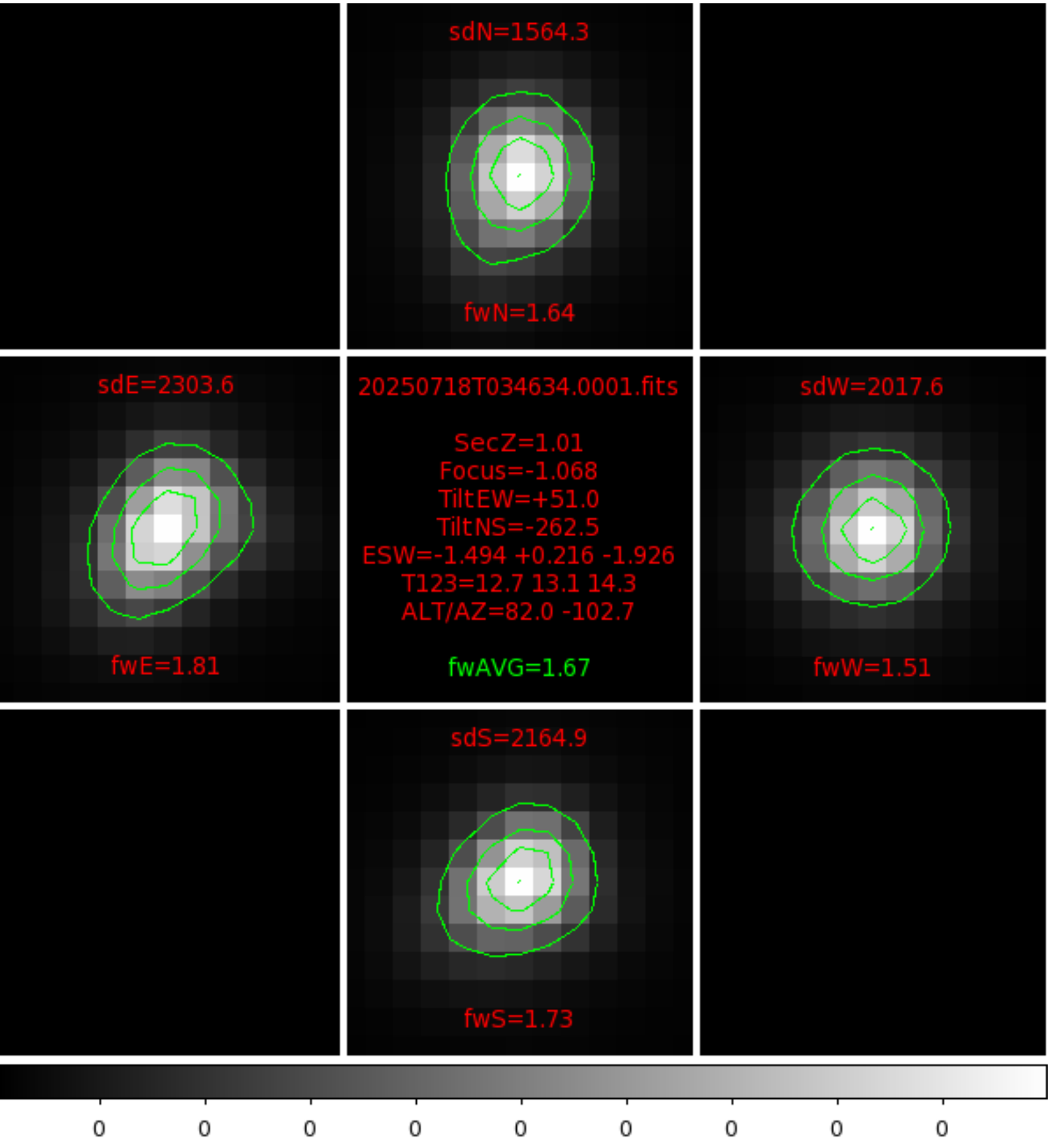
sdN=1564.3
fwN=1.64
sdE=2303.6
fwE=1.81
20250718T034634.0001.fits
SecZ=1.01
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.1 14.3
ALT/AZ=82.0 -102.7
fwAVG=1.67
sdW=2017.6
fwW=1.51
sdS=2164.9
fwS=1.73
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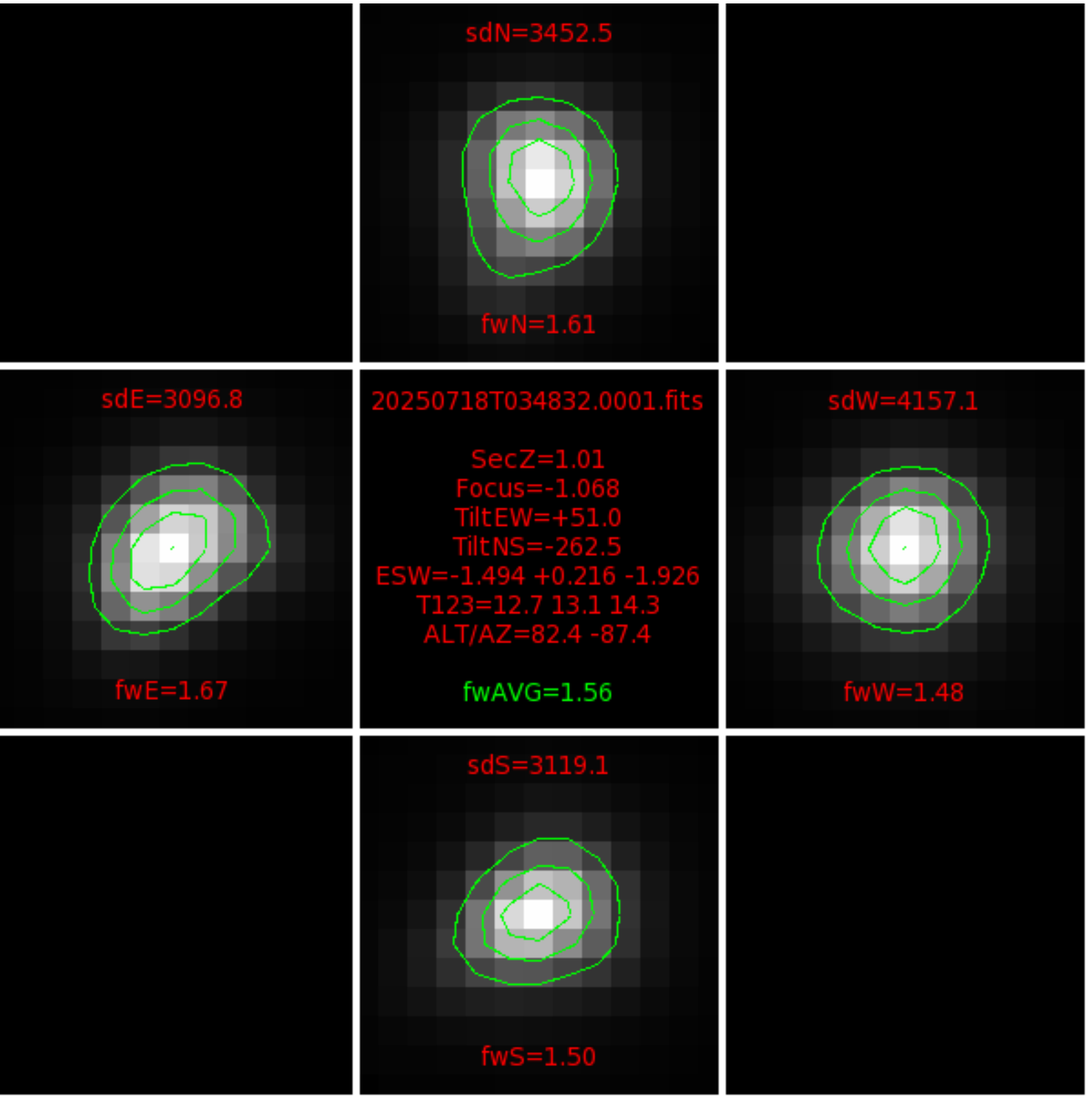
sdN=3452.5
fwN=1.61
sdE=3096.8
fwE=1.67
20250718T034832.0001.fits
SecZ=1.01
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.1 14.3
ALT/AZ=82.4 -87.4
fwAVG=1.56
sdW=4157.1
fwW=1.48
sdS=3119.1
fwS=1.50
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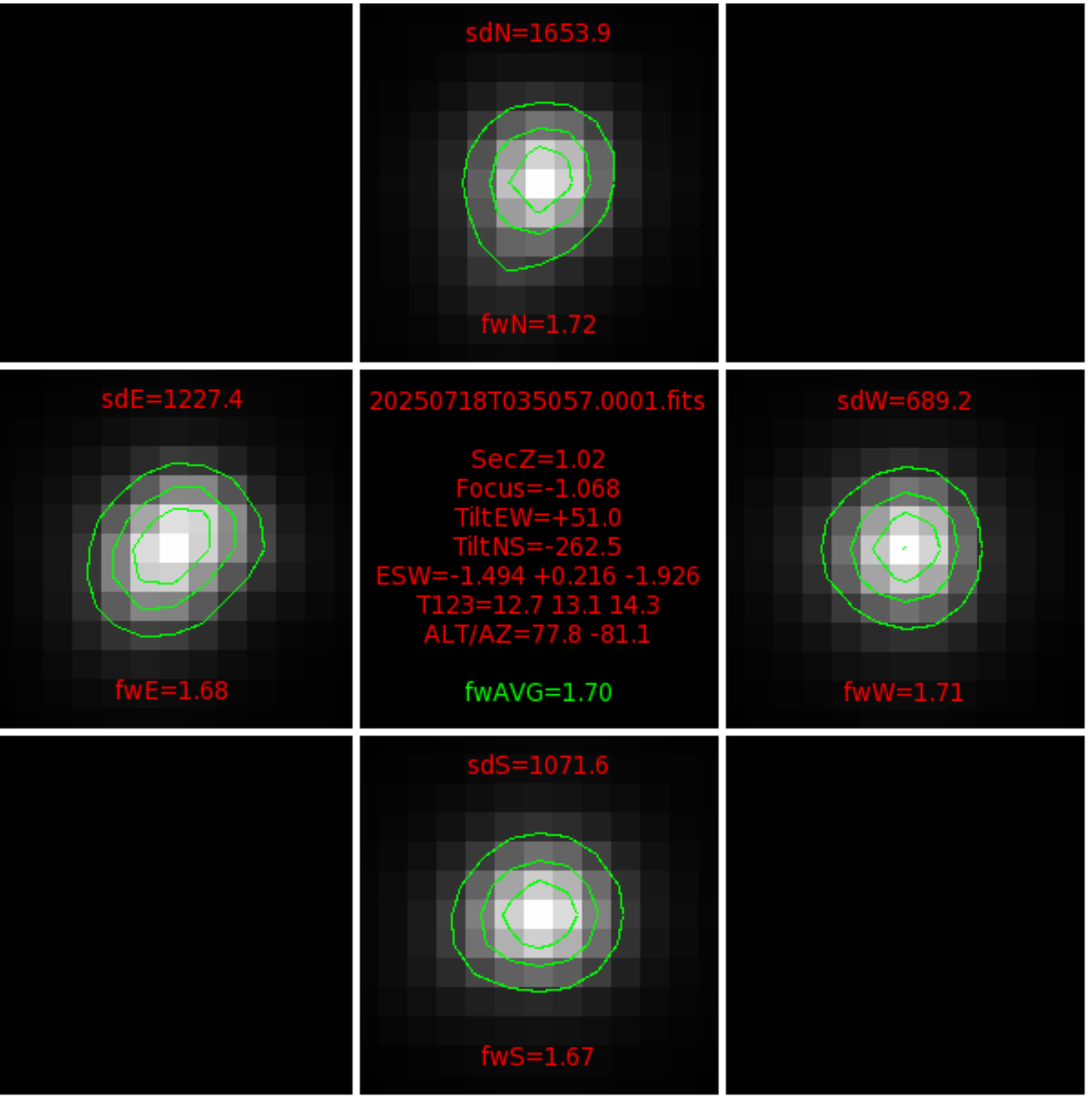
sdN=1653.9
fwN=1.72
sdE=1227.4
fwE=1.68
20250718T035057.0001.fits
SecZ=1.02
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.1 14.3
ALT/AZ=77.8 -81.1
fwAVG=1.70
sdW=689.2
fwW=1.71
sdS=1071.6
fwS=1.67
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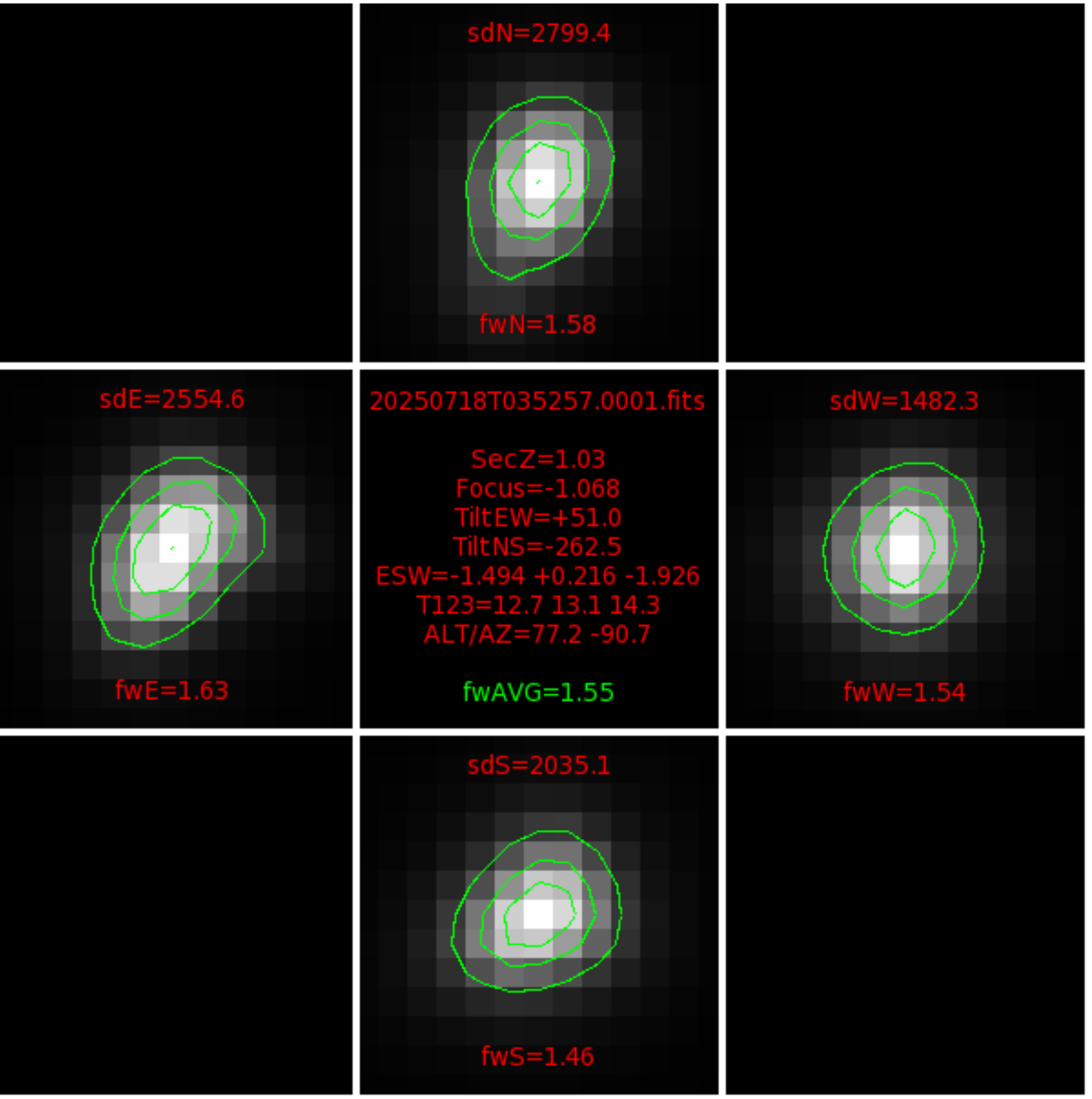
sdN=2799.4
fwN=1.58
sdE=2554.6
fwE=1.63
20250718T035257.0001.fits
SecZ=1.03
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.1 14.3
ALT/AZ=77.2 -90.7
fwAVG=1.55
sdW=1482.3
fwW=1.54
sdS=2035.1
fwS=1.46
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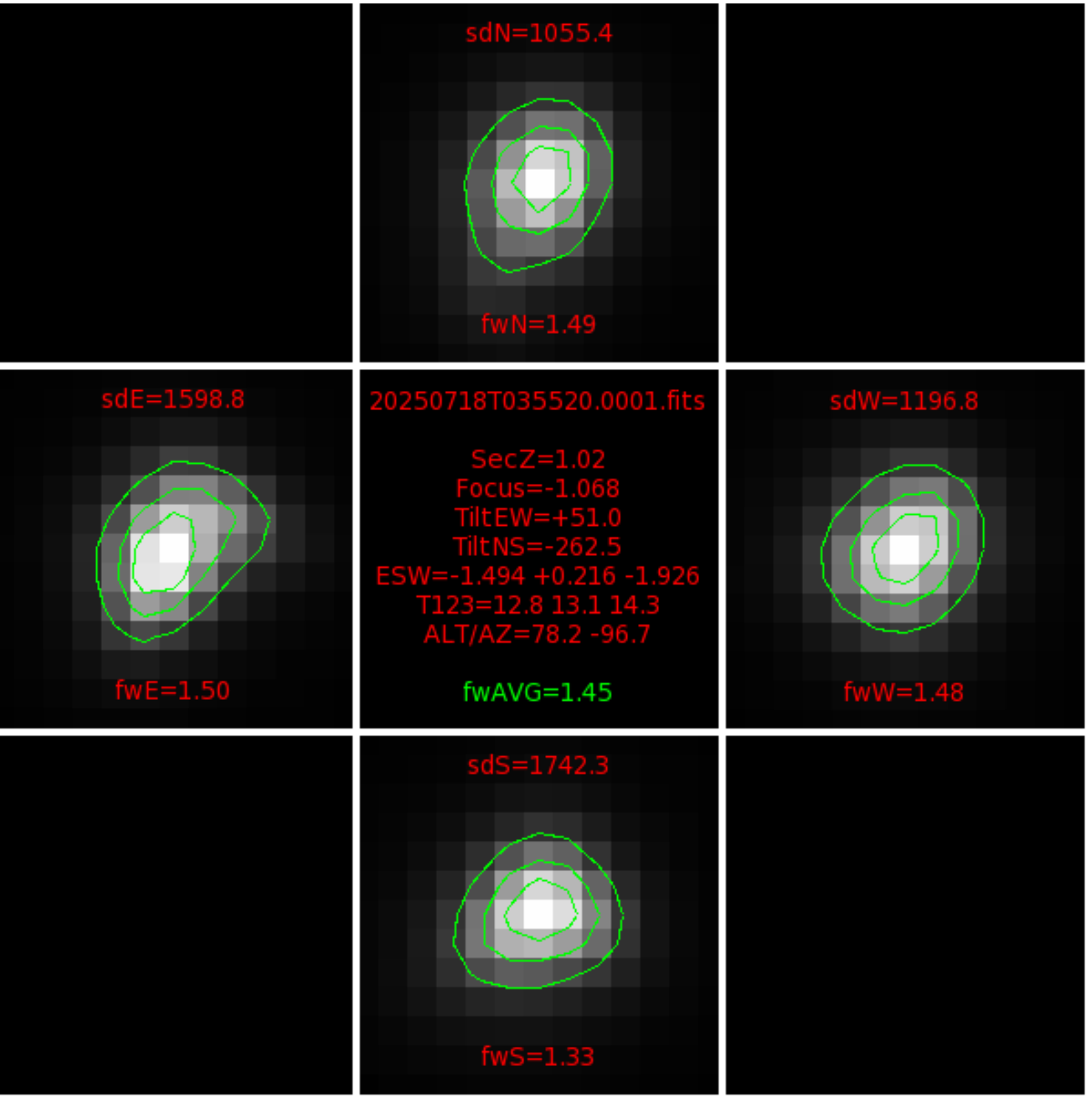
sdN=1055.4
fwN=1.49
sdE=1598.8
fwE=1.50
20250718T035520.0001.fits
SecZ=1.02
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 13.1 14.3
ALT/AZ=78.2 -96.7
fwAVG=1.45
sdW=1196.8
fwW=1.48
sdS=1742.3
fwS=1.33
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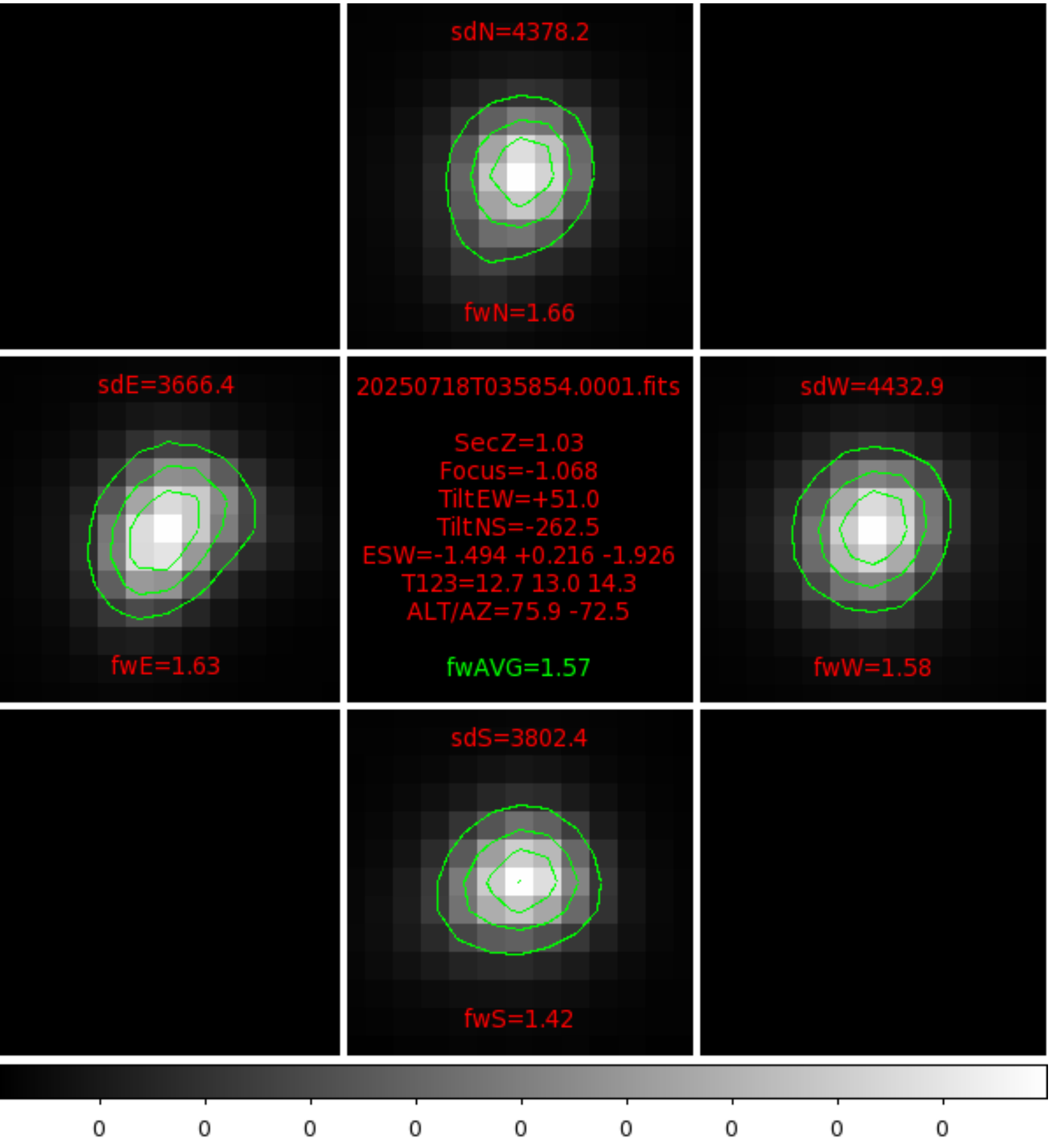
sdN=4378.2
fwN=1.66
sdE=3666.4
fwE=1.63
20250718T035854.0001.fits
SecZ=1.03
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=75.9 -72.5
fwAVG=1.57
sdW=4432.9
fwW=1.58
sdS=3802.4
fwS=1.42
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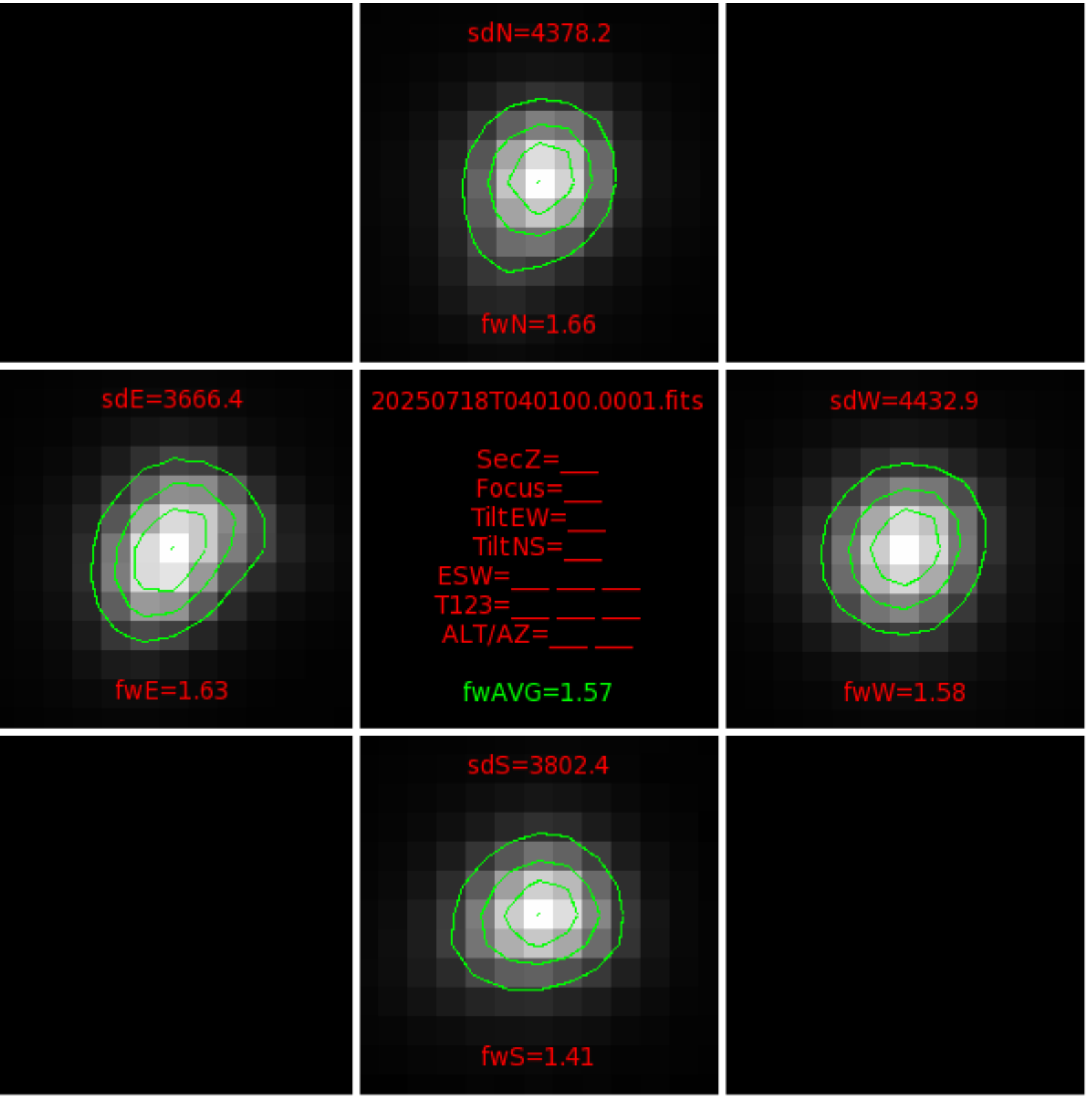
sdN=4378.2
fwN=1.66
sdE=3666.4
fwE=1.63
20250718T040100.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=1.57
sdW=4432.9
fwW=1.58
sdS=3802.4
fwS=1.41
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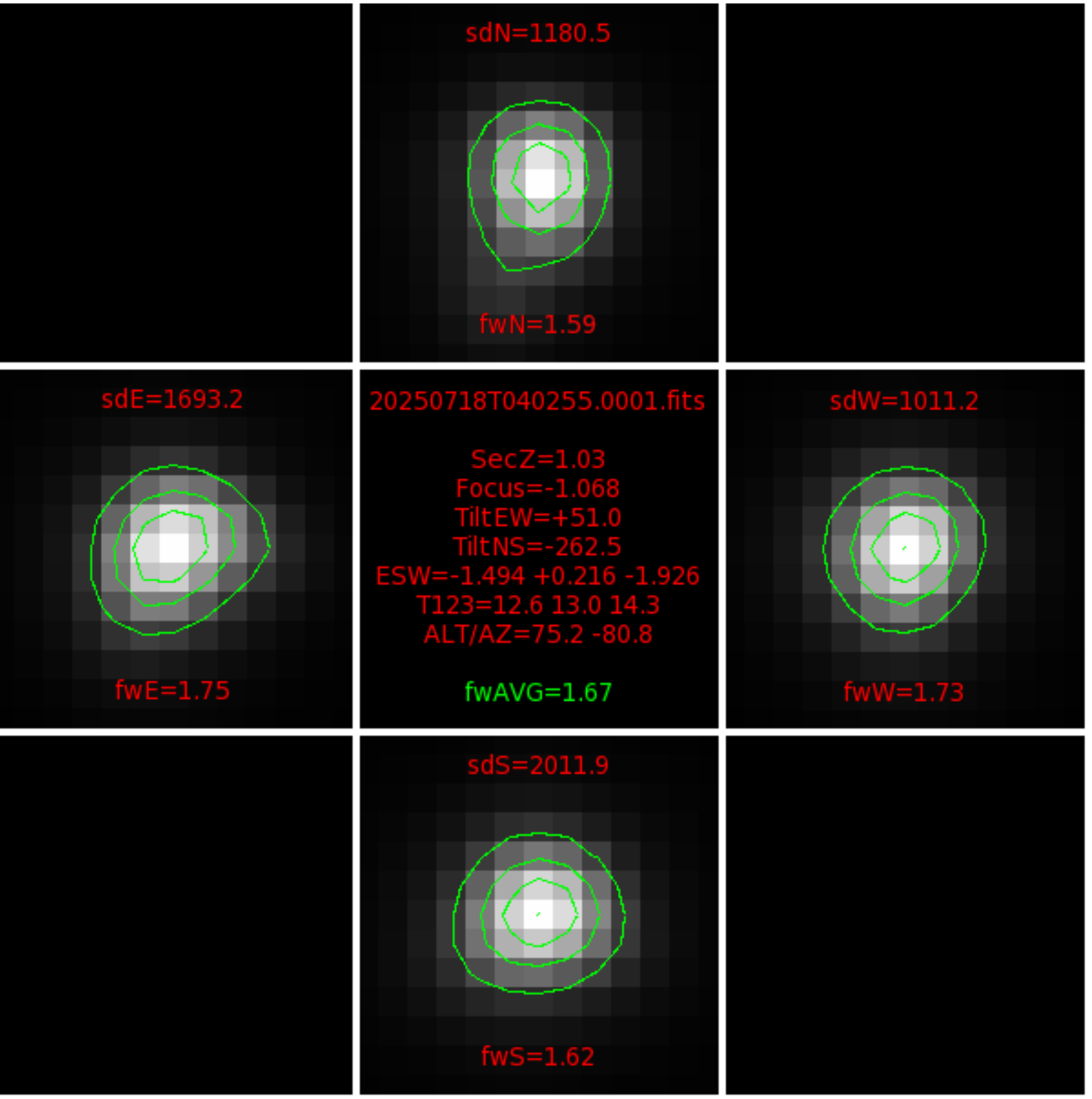
sdN=1180.5
fwN=1.59
sdE=1693.2
fwE=1.75
20250718T040255.0001.fits
SecZ=1.03
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.0 14.3
ALT/AZ=75.2 -80.8
fwAVG=1.67
sdW=1011.2
fwW=1.73
sdS=2011.9
fwS=1.62
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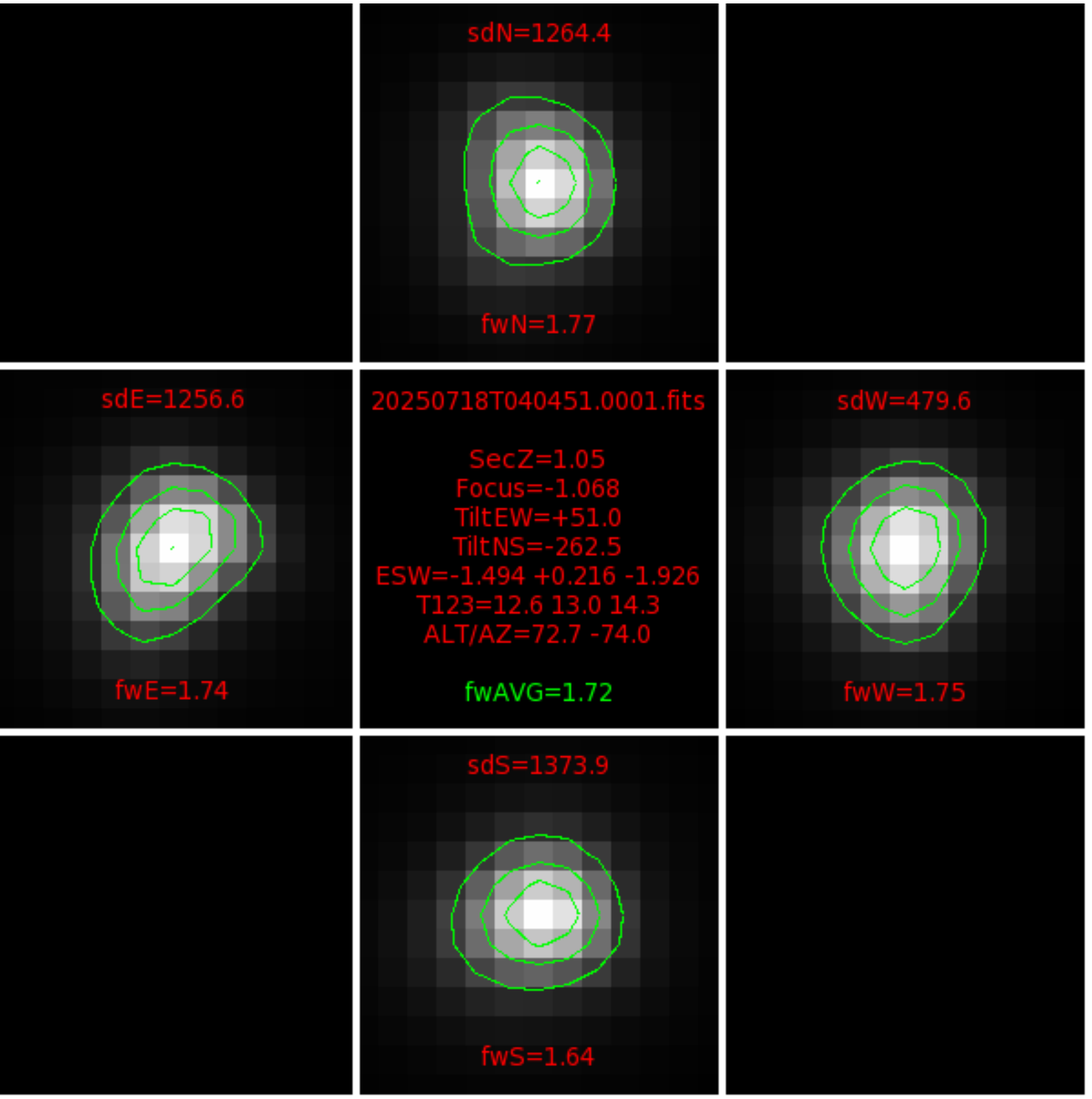
sdN=1264.4
fwN=1.77
sdE=1256.6
fwE=1.74
20250718T040451.0001.fits
SecZ=1.05
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.0 14.3
ALT/AZ=72.7 -74.0
fwAVG=1.72
sdW=479.6
fwW=1.75
sdS=1373.9
fwS=1.64
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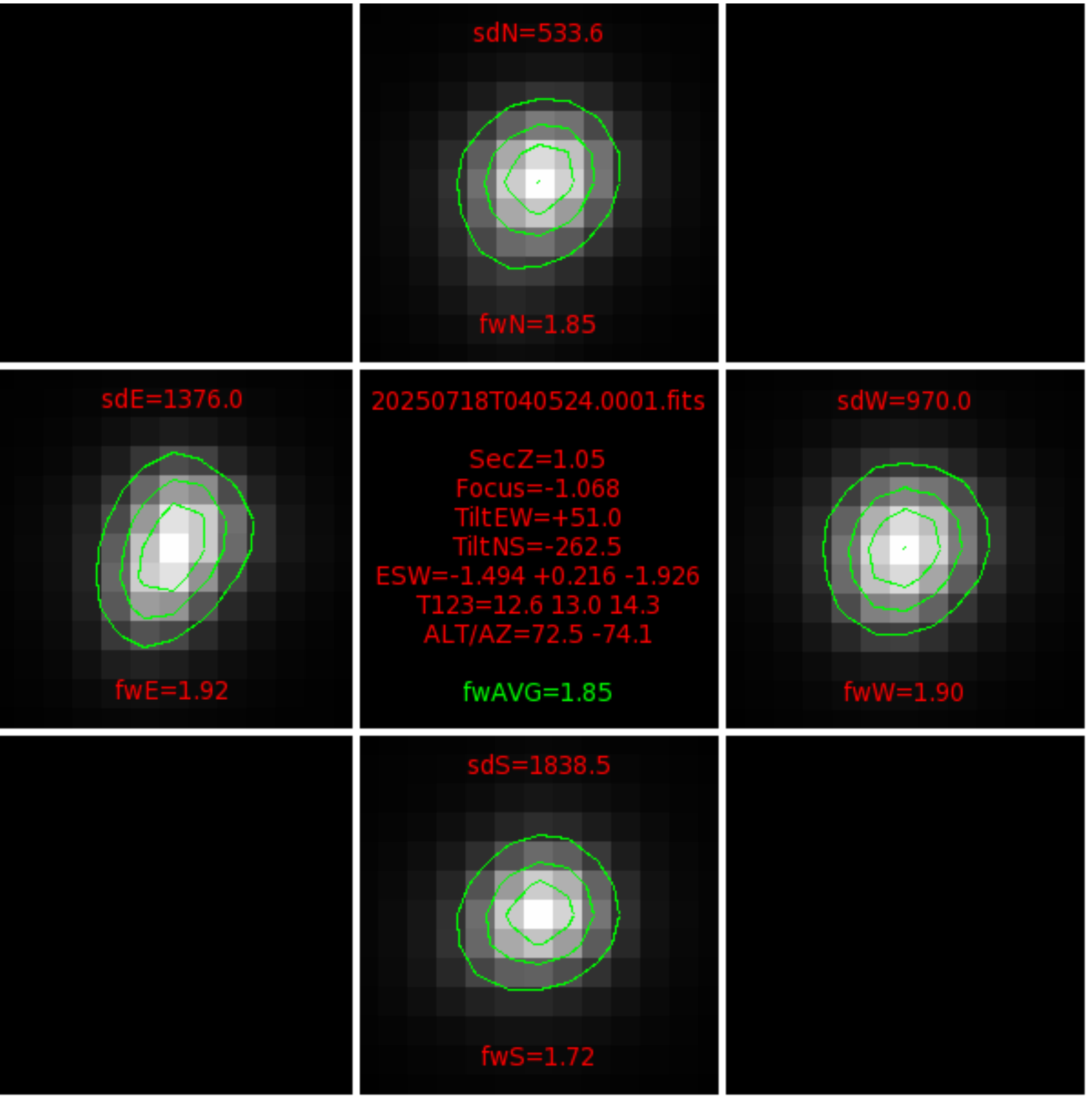
sdN=533.6
fwN=1.85
sdE=1376.0
fwE=1.92
20250718T040524.0001.fits
SecZ=1.05
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.0 14.3
ALT/AZ=72.5 -74.1
fwAVG=1.85
sdW=970.0
fwW=1.90
sdS=1838.5
fwS=1.72
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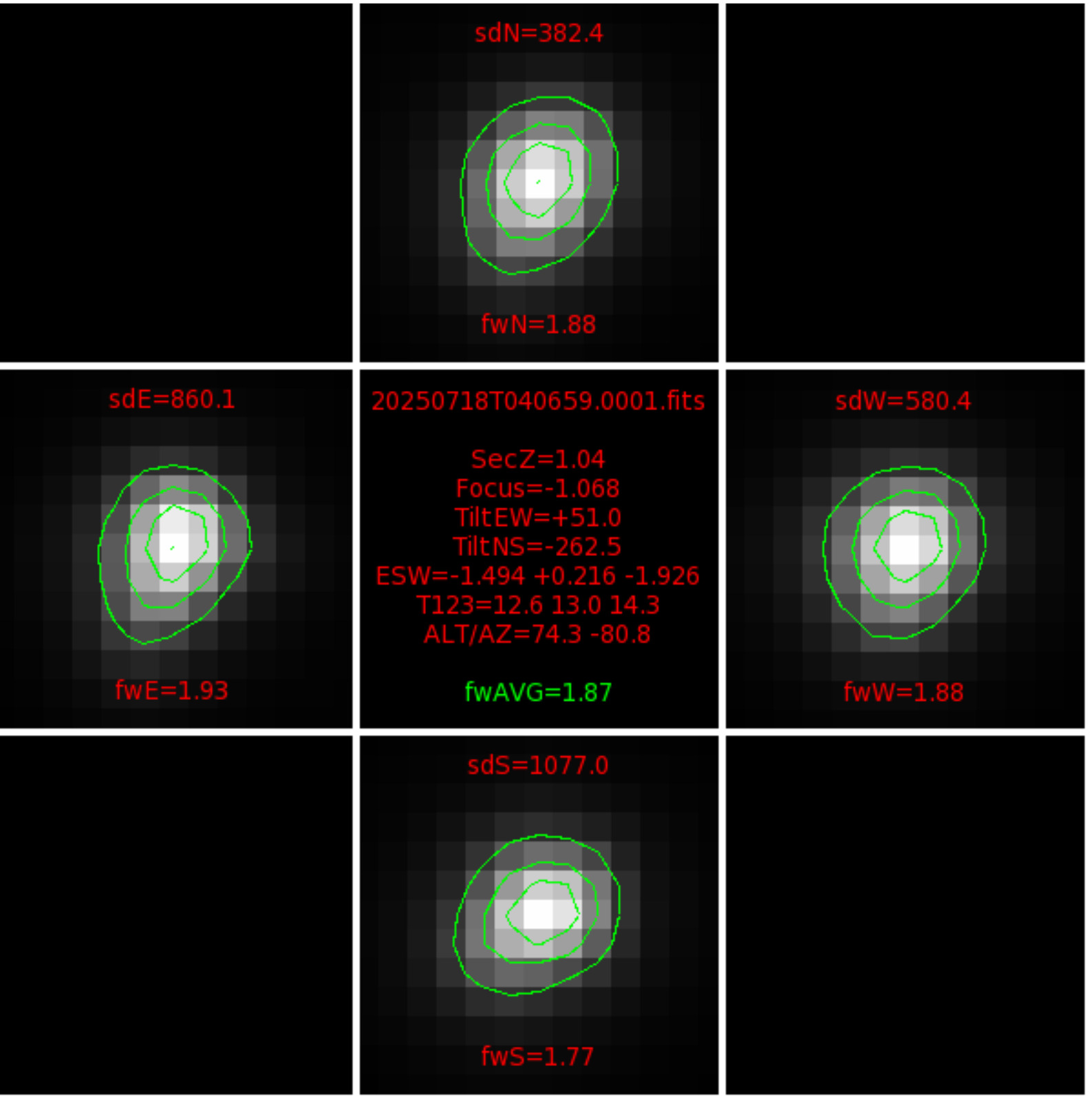
sdN=382.4
fwN=1.88
sdE=860.1
fwE=1.93
20250718T040659.0001.fits
SecZ=1.04
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.0 14.3
ALT/AZ=74.3 -80.8
fwAVG=1.87
sdW=580.4
fwW=1.88
sdS=1077.0
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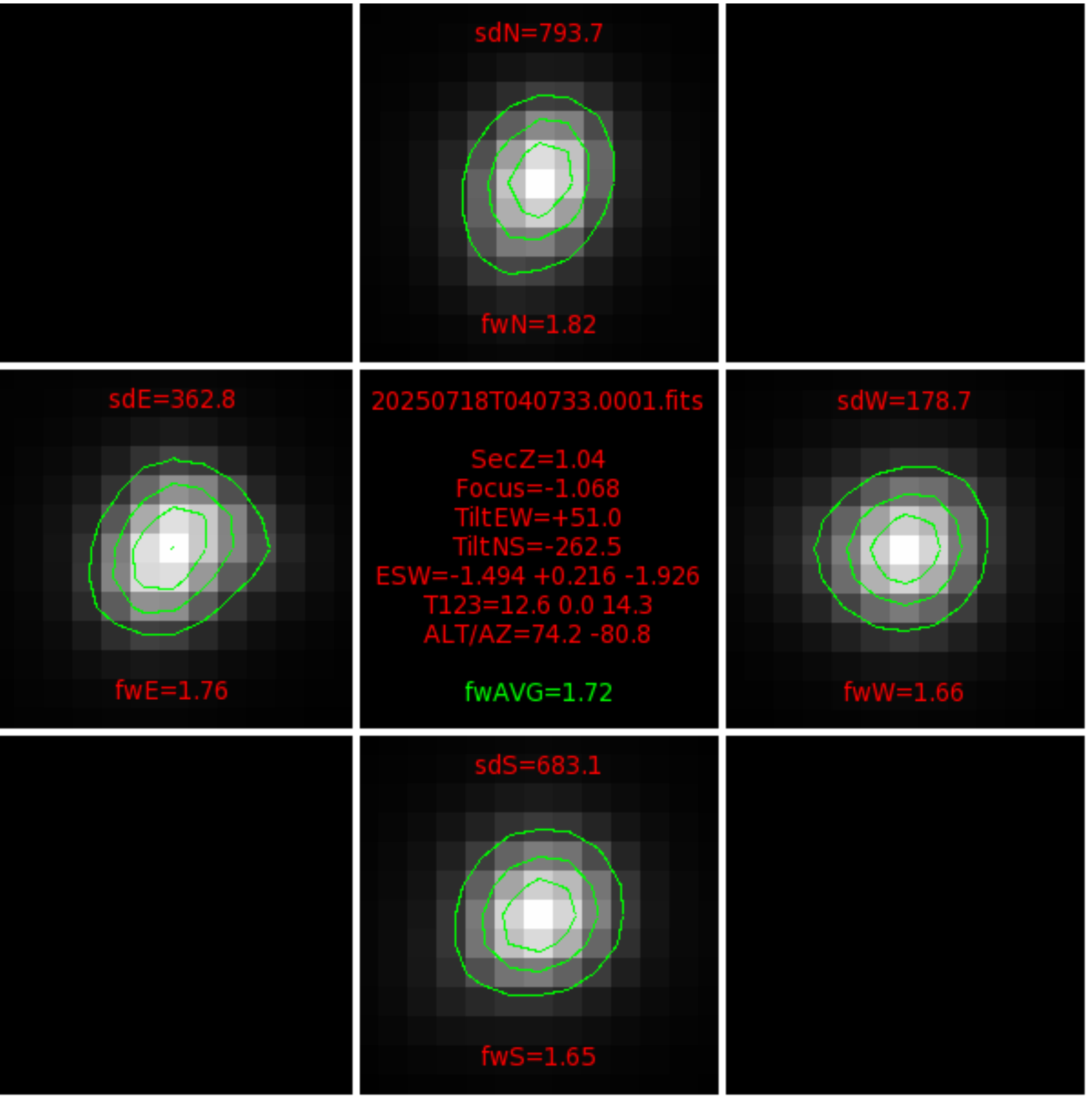
sdN=793.7
fwN=1.82
sdE=362.8
fwE=1.76
20250718T040733.0001.fits
SecZ=1.04
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 0.0 14.3
ALT/AZ=74.2 -80.8
fwAVG=1.72
sdW=178.7
fwW=1.66
sdS=683.1
fwS=1.65
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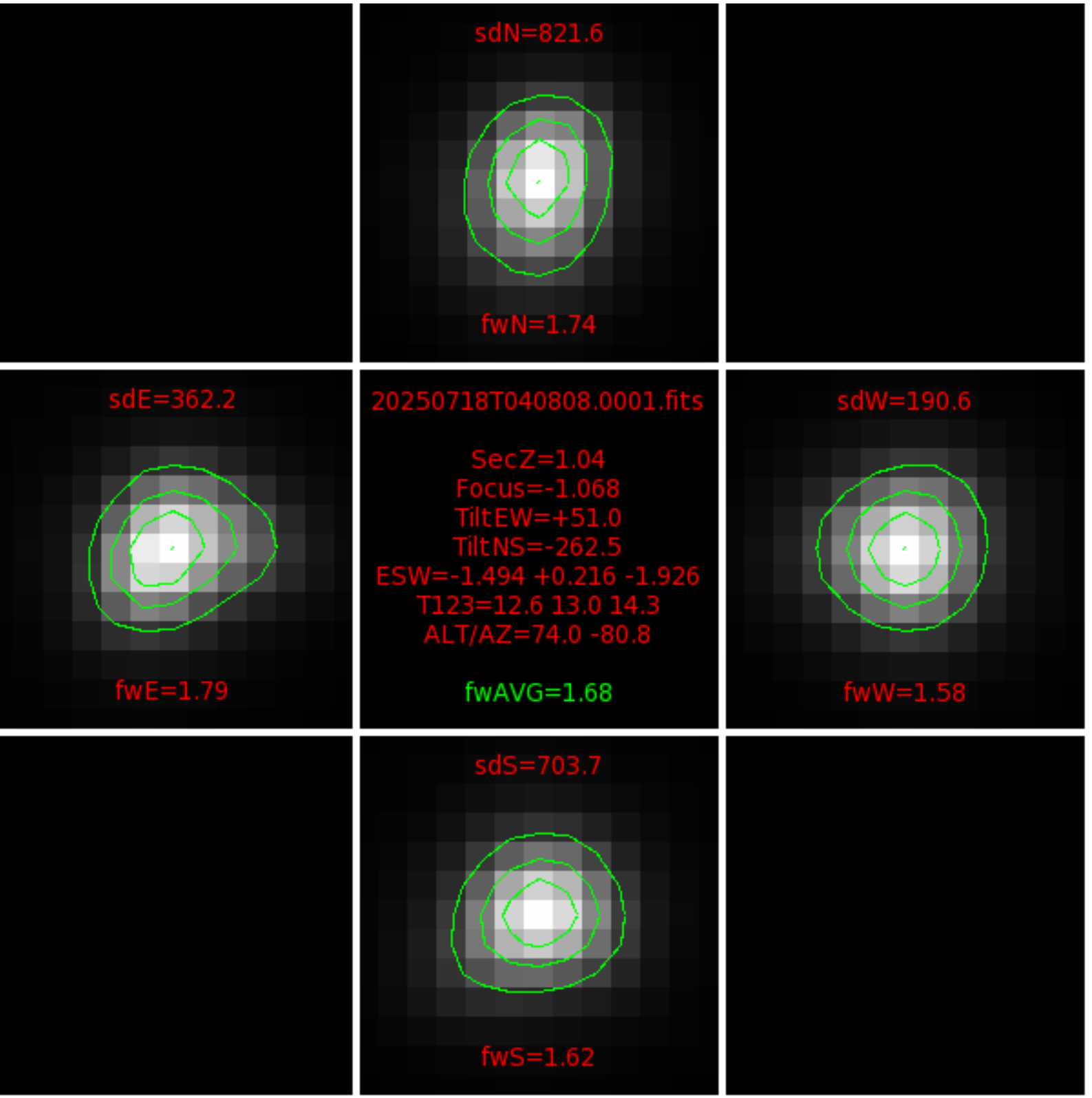
sdN=821.6
fwN=1.74
sdE=362.2
fwE=1.79
20250718T040808.0001.fits
SecZ=1.04
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.0 14.3
ALT/AZ=74.0 -80.8
fwAVG=1.68
sdW=190.6
fwW=1.58
sdS=703.7
fwS=1.62
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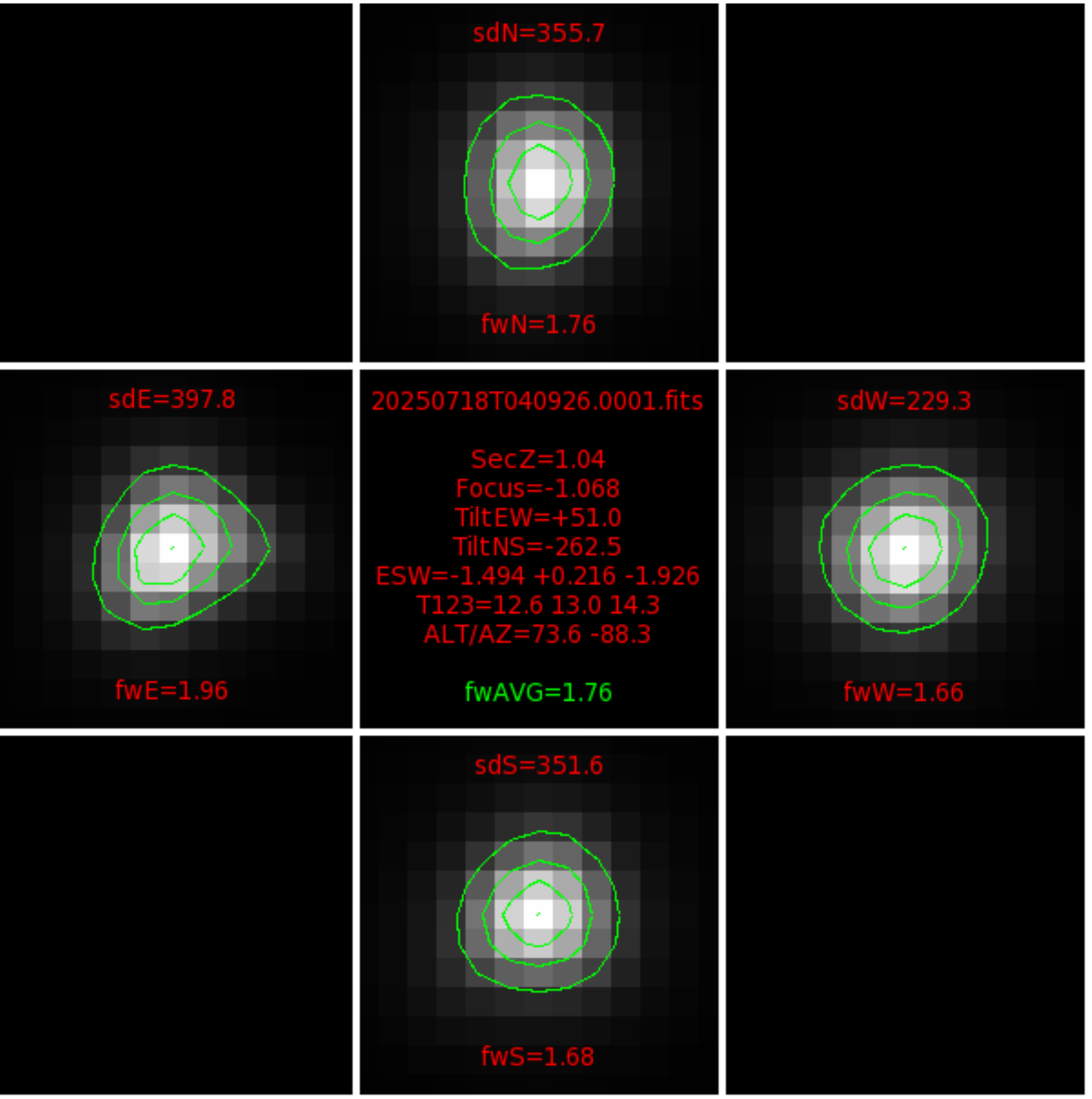
sdN=355.7
fwN=1.76
sdE=397.8
fwE=1.96
20250718T040926.0001.fits
SecZ=1.04
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.0 14.3
ALT/AZ=73.6 -88.3
fwAVG=1.76
sdW=229.3
fwW=1.66
sdS=351.6
fwS=1.68
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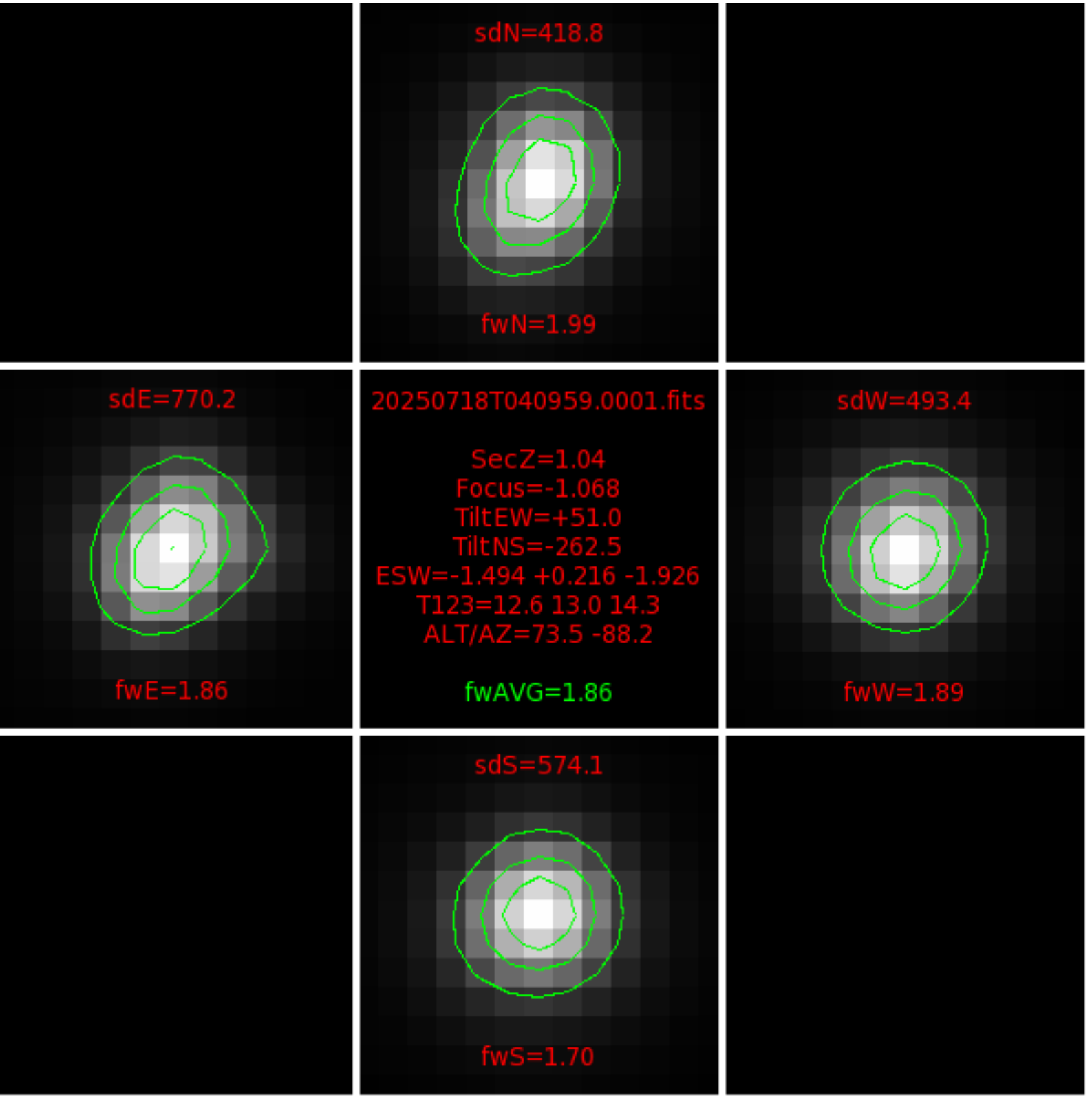
sdN=418.8
fwN=1.99
sdE=770.2
fwE=1.86
20250718T040959.0001.fits
SecZ=1.04
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.0 14.3
ALT/AZ=73.5 -88.2
fwAVG=1.86
sdW=493.4
fwW=1.89
sdS=574.1
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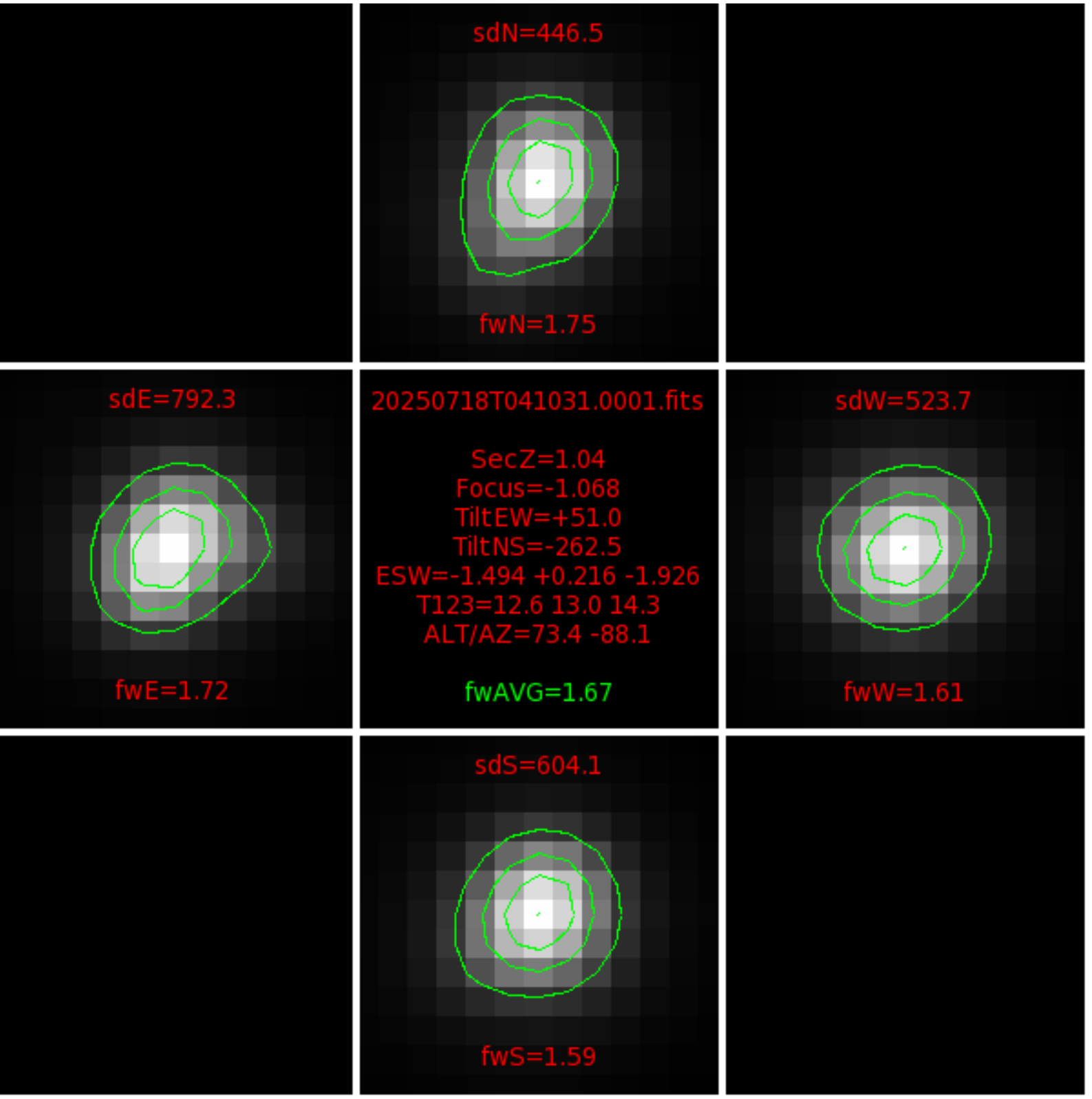
sdN=446.5
fwN=1.75
sdE=792.3
fwE=1.72
20250718T041031.0001.fits
SecZ=1.04
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.0 14.3
ALT/AZ=73.4 -88.1
fwAVG=1.67
sdW=523.7
fwW=1.61
sdS=604.1
fwS=1.59
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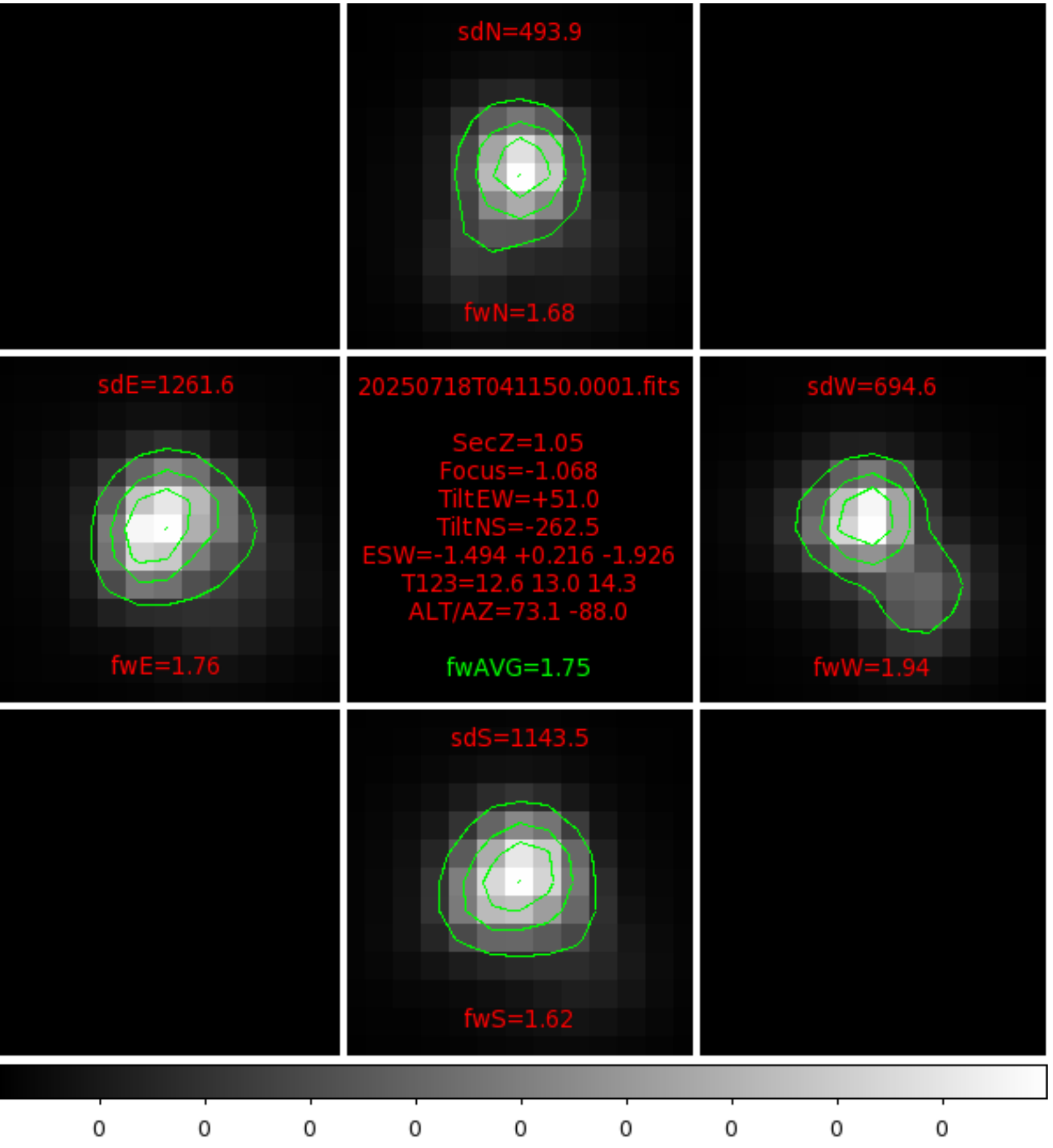
sdN=493.9
fwN=1.68
sdE=1261.6
fwE=1.76
20250718T041150.0001.fits
SecZ=1.05
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.0 14.3
ALT/AZ=73.1 -88.0
fwAVG=1.75
sdW=694.6
fwW=1.94
sdS=1143.5
fwS=1.62
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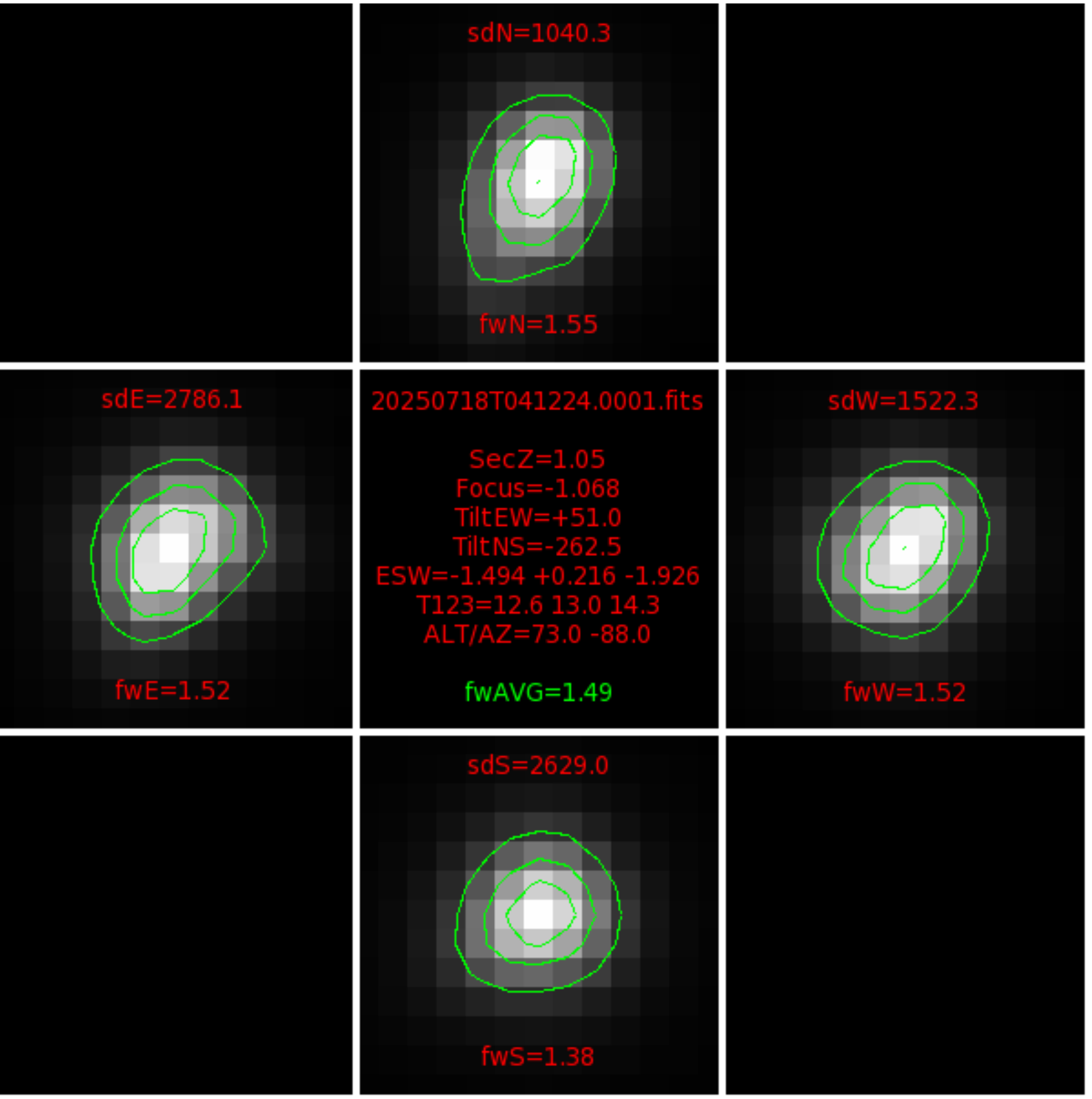
sdN=1040.3
fwN=1.55
sdE=2786.1
fwE=1.52
20250718T041224.0001.fits
SecZ=1.05
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.0 14.3
ALT/AZ=73.0 -88.0
fwAVG=1.49
sdW=1522.3
fwW=1.52
sdS=2629.0
fwS=1.38
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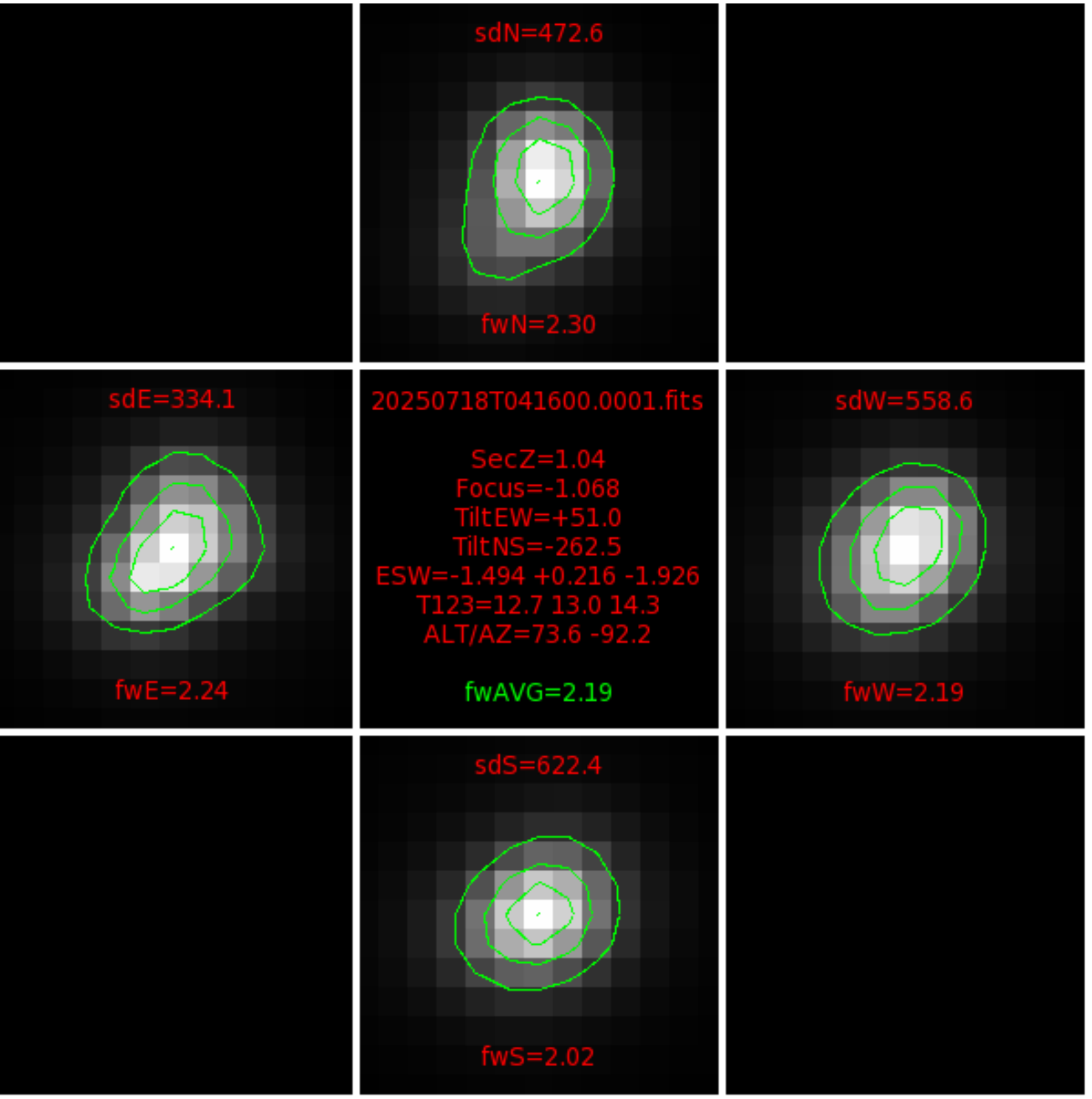
sdN=472.6
fwN=2.30
sdE=334.1
fwE=2.24
20250718T041600.0001.fits
SecZ=1.04
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=73.6 -92.2
fwAVG=2.19
sdW=558.6
fwW=2.19
sdS=622.4
fwS=2.02
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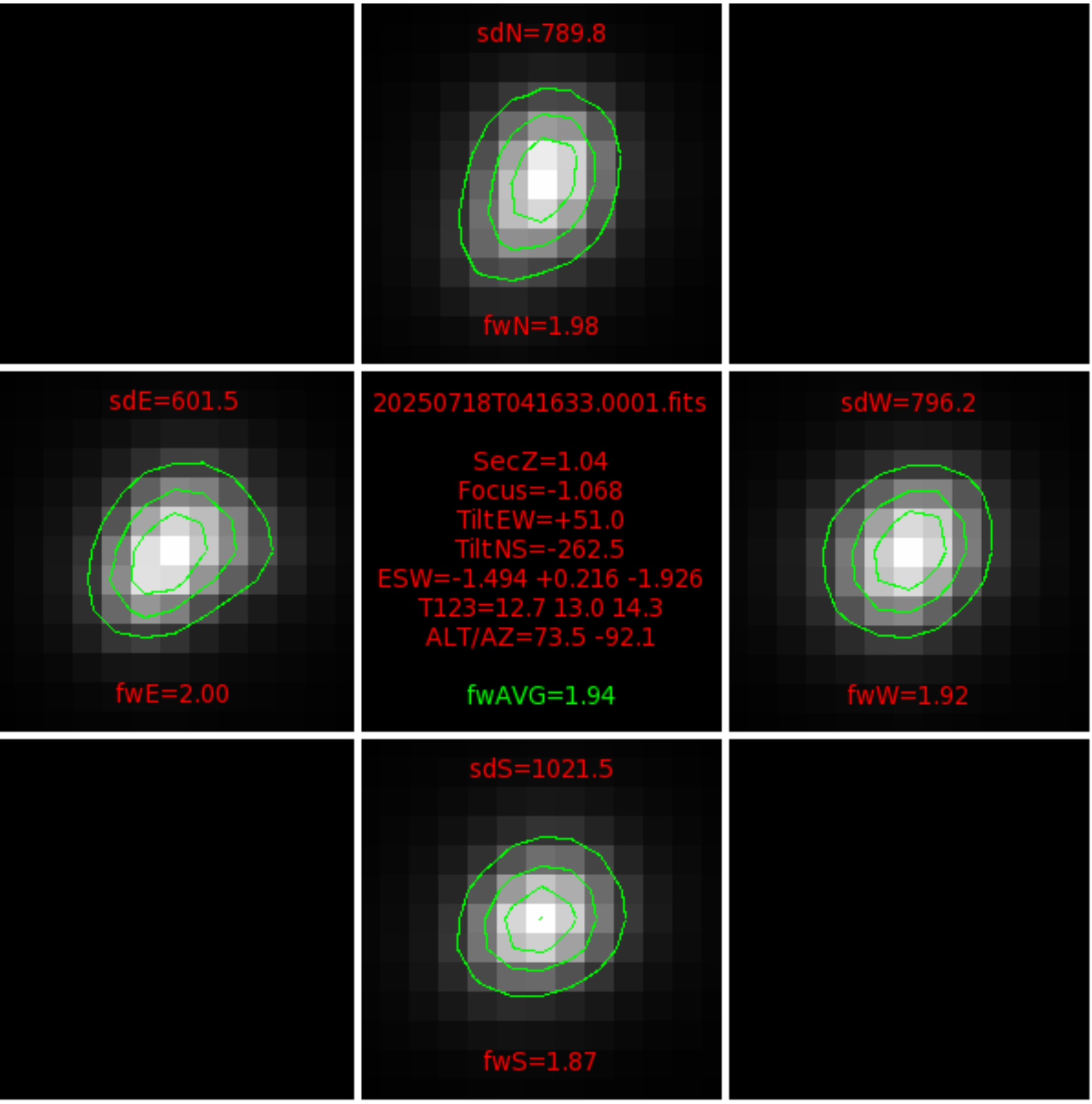
sdN=789.8
fwN=1.98
sdE=601.5
fwE=2.00
20250718T041633.0001.fits
SecZ=1.04
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=73.5 -92.1
fwAVG=1.94
sdW=796.2
fwW=1.92
sdS=1021.5
fwS=1.87
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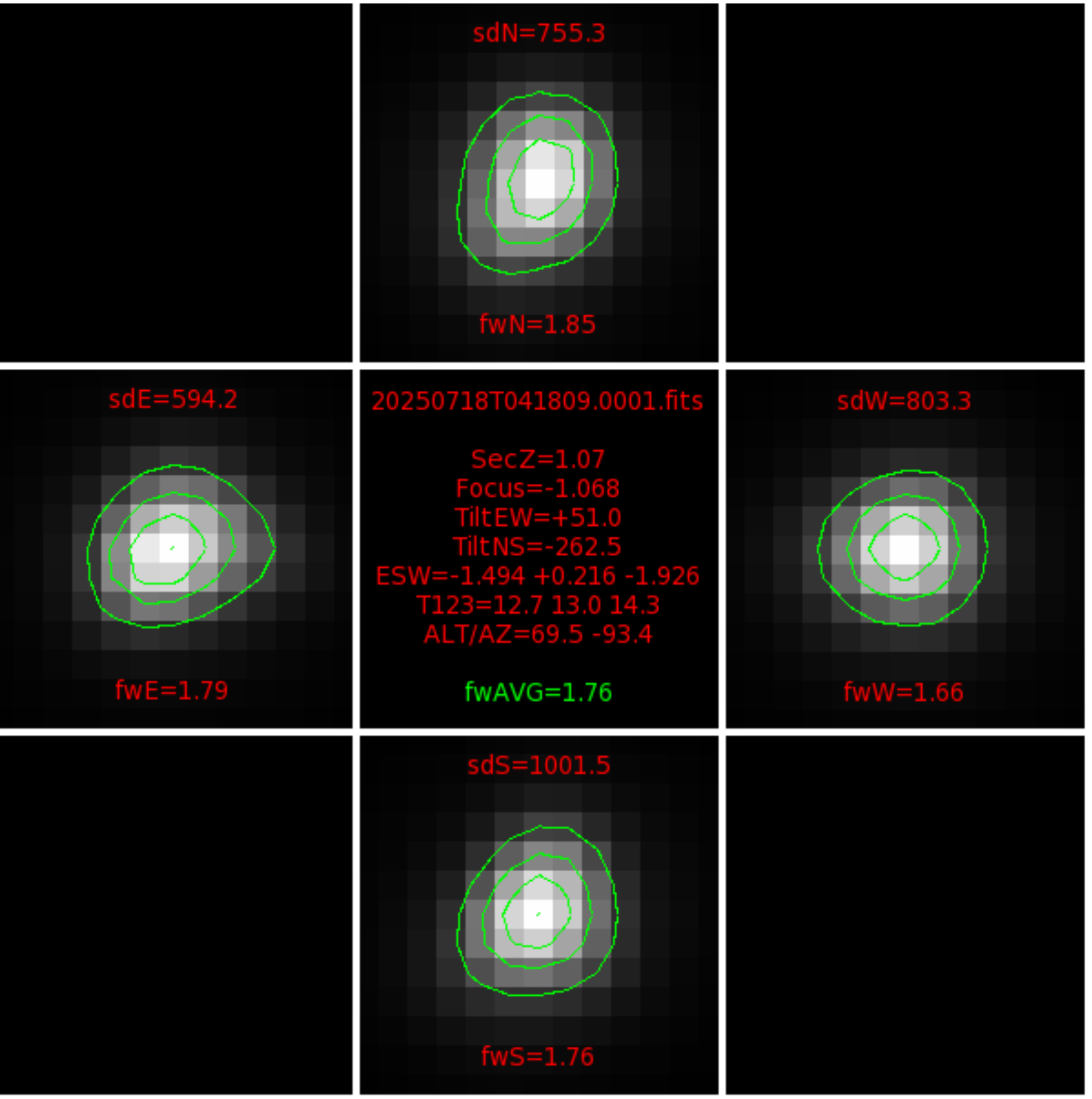
sdN=755.3
fwN=1.85
sdE=594.2
fwE=1.79
20250718T041809.0001.fits
SecZ=1.07
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=69.5 -93.4
fwAVG=1.76
sdW=803.3
fwW=1.66
sdS=1001.5
fwS=1.76
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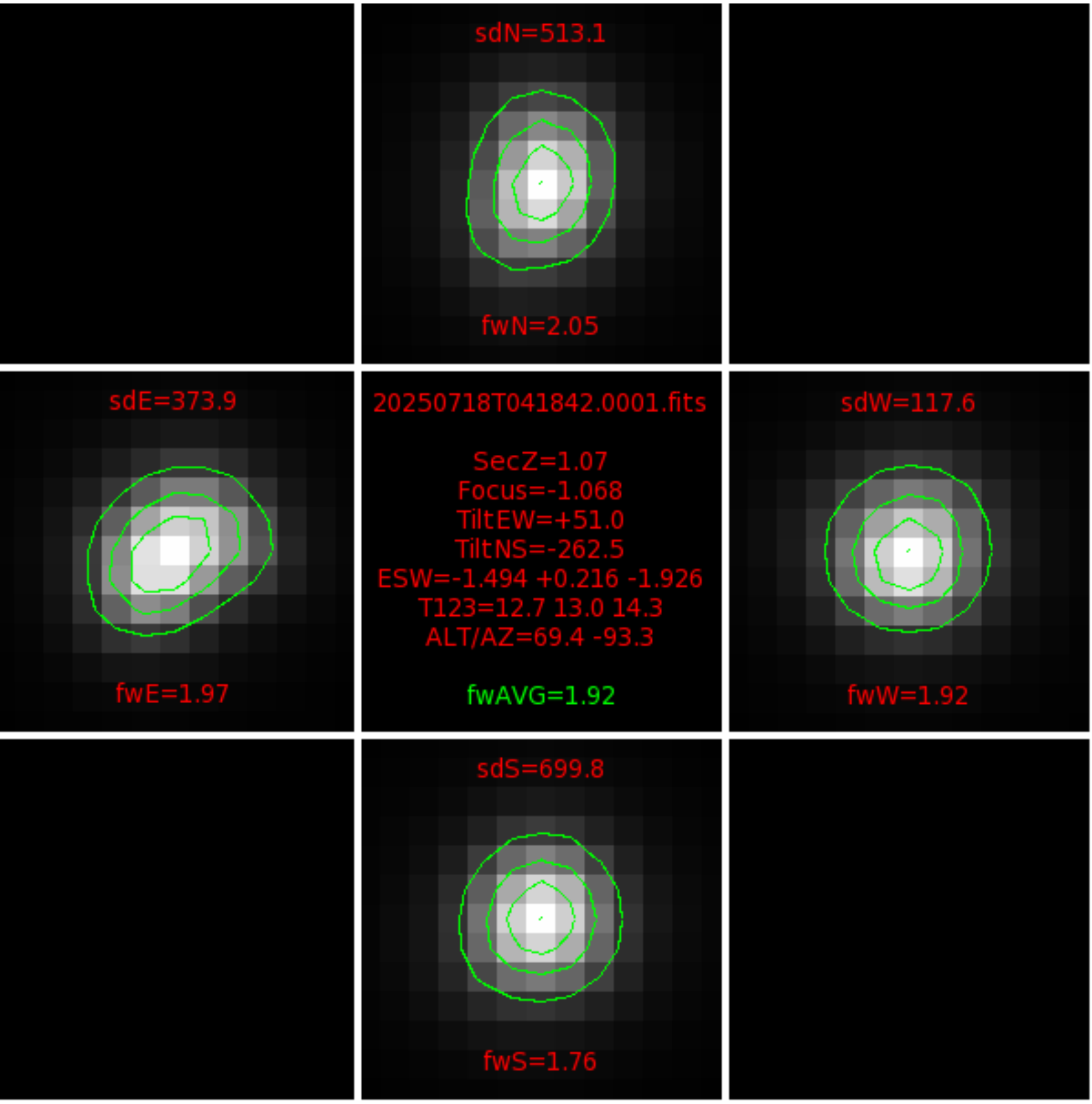
sdN=513.1
fwN=2.05
sdE=373.9
fwE=1.97
20250718T041842.0001.fits
SecZ=1.07
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=69.4 -93.3
fwAVG=1.92
sdW=117.6
fwW=1.92
sdS=699.8
fwS=1.76
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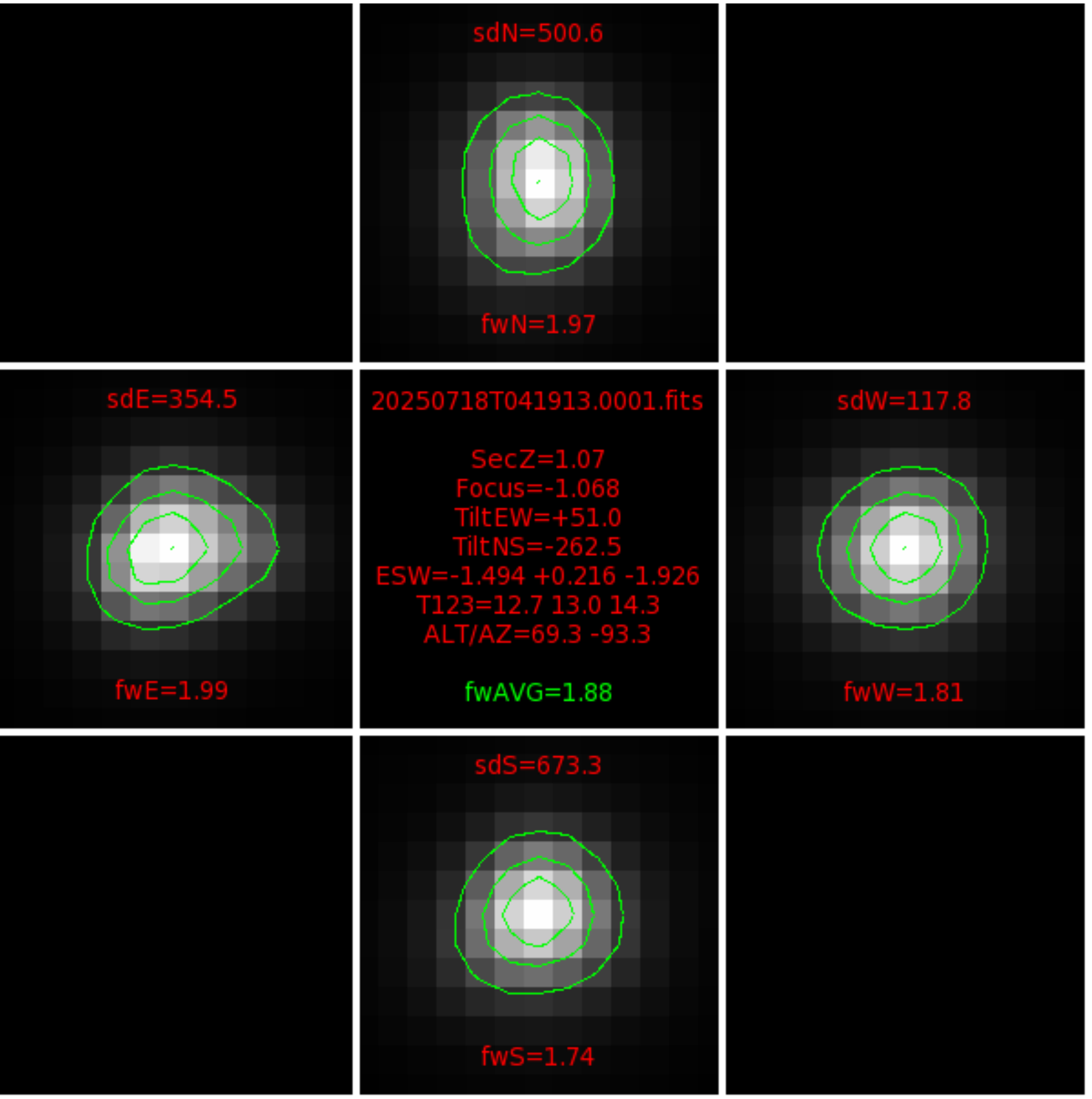
sdN=500.6
fwN=1.97
sdE=354.5
fwE=1.99
20250718T041913.0001.fits
SecZ=1.07
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=69.3 -93.3
fwAVG=1.88
sdW=117.8
fwW=1.81
sdS=673.3
fwS=1.74
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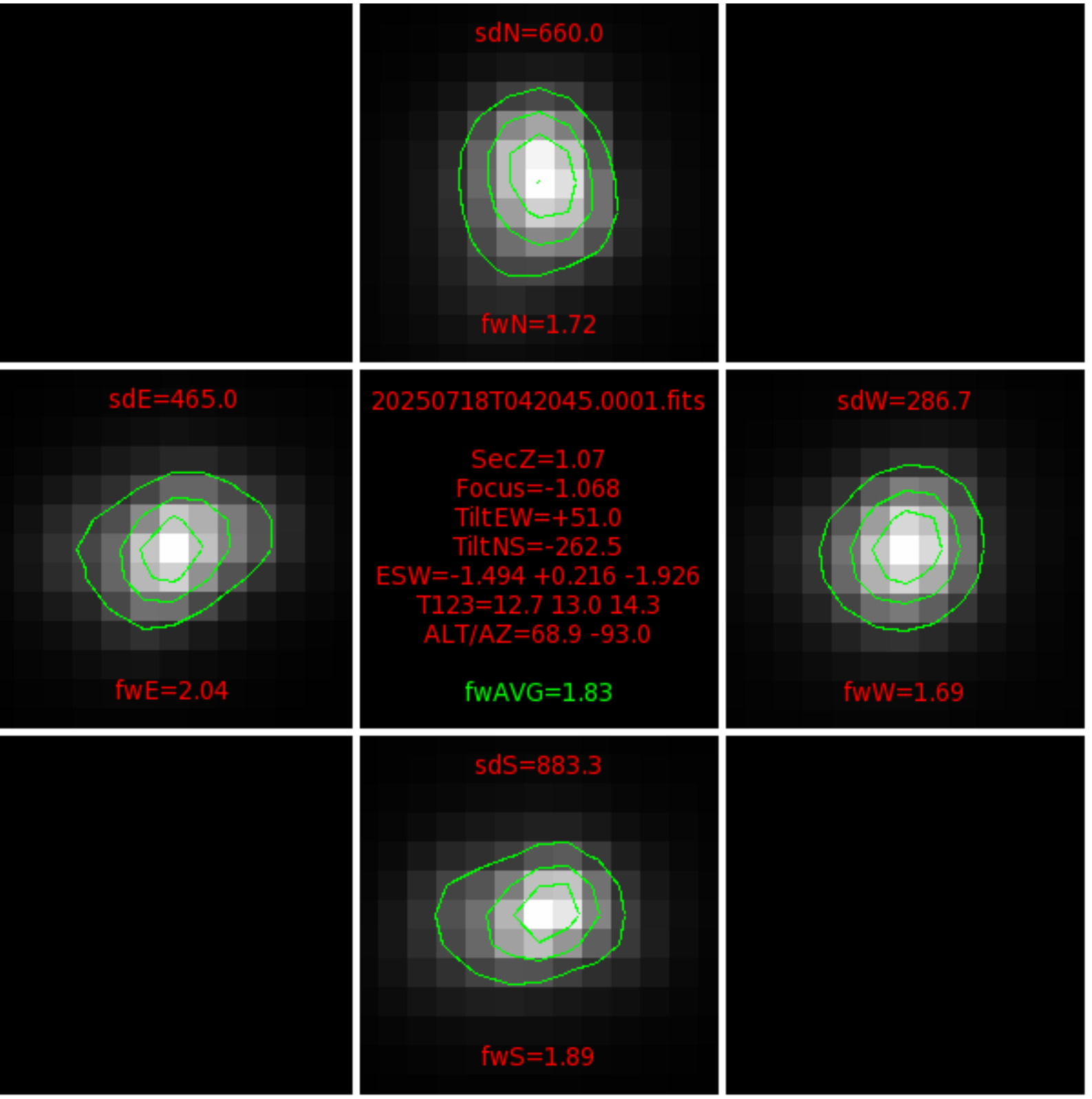
sdN=660.0
fwN=1.72
sdE=465.0
fwE=2.04
20250718T042045.0001.fits
SecZ=1.07
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=68.9 -93.0
fwAVG=1.83
sdW=286.7
fwW=1.69
sdS=883.3
fwS=1.89
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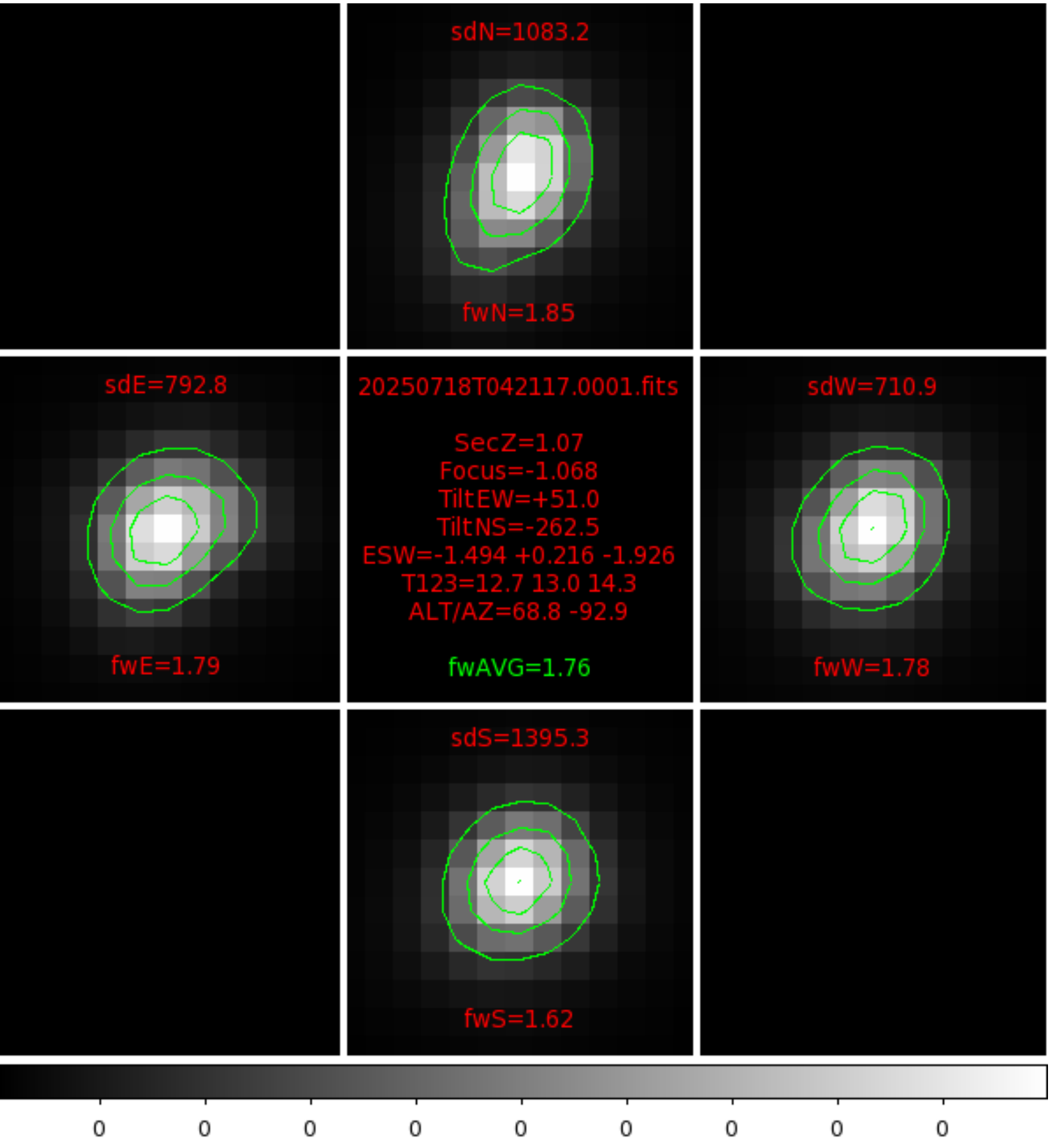
sdN=1083.2
fwN=1.85
sdE=792.8
fwE=1.79
20250718T042117.0001.fits
SecZ=1.07
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=68.8 -92.9
fwAVG=1.76
sdW=710.9
fwW=1.78
sdS=1395.3
fwS=1.62
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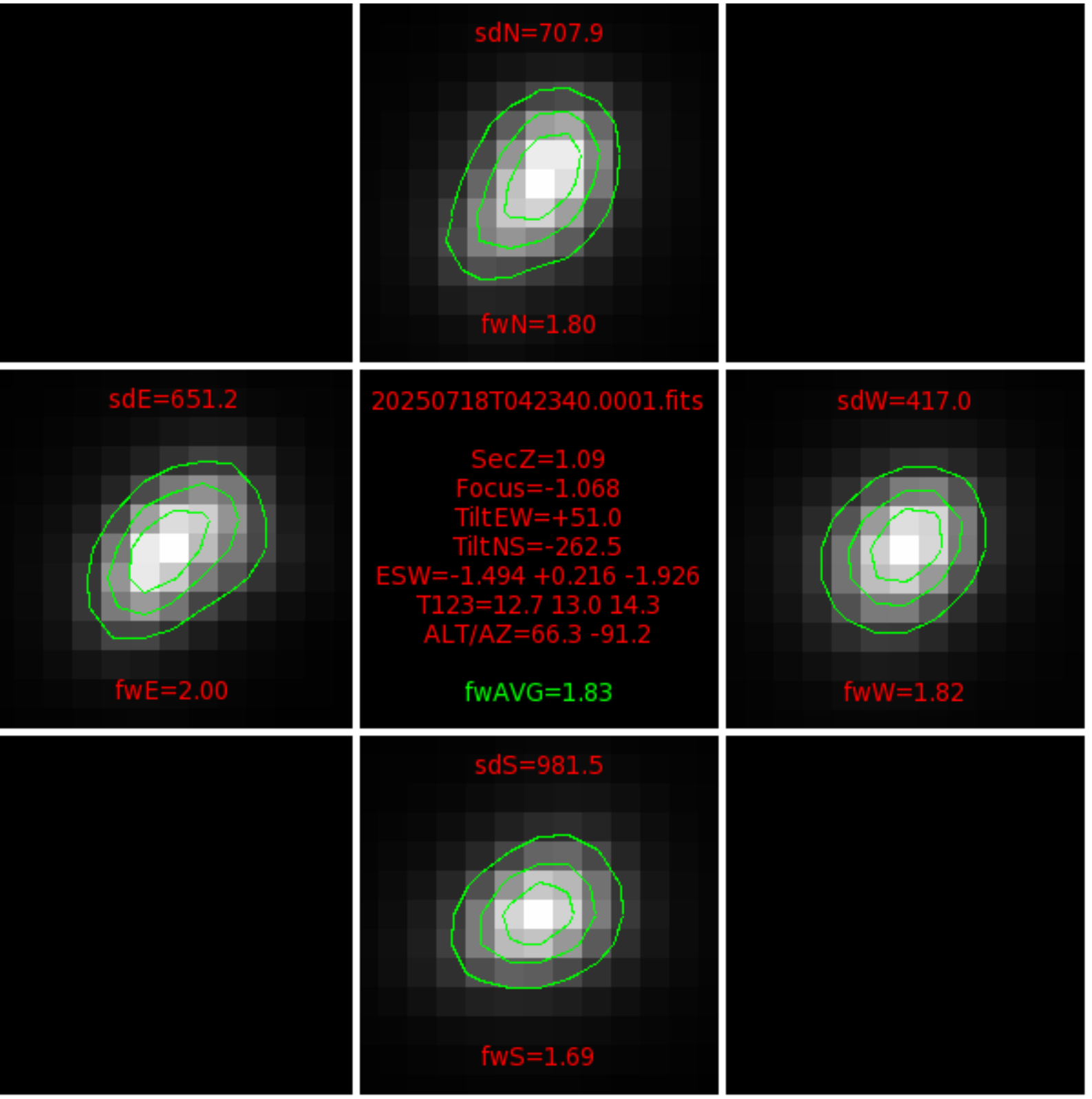
sdN=707.9
fwN=1.80
sdE=651.2
fwE=2.00
20250718T042340.0001.fits
SecZ=1.09
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=66.3 -91.2
fwAVG=1.83
sdW=417.0
fwW=1.82
sdS=981.5
fwS=1.69
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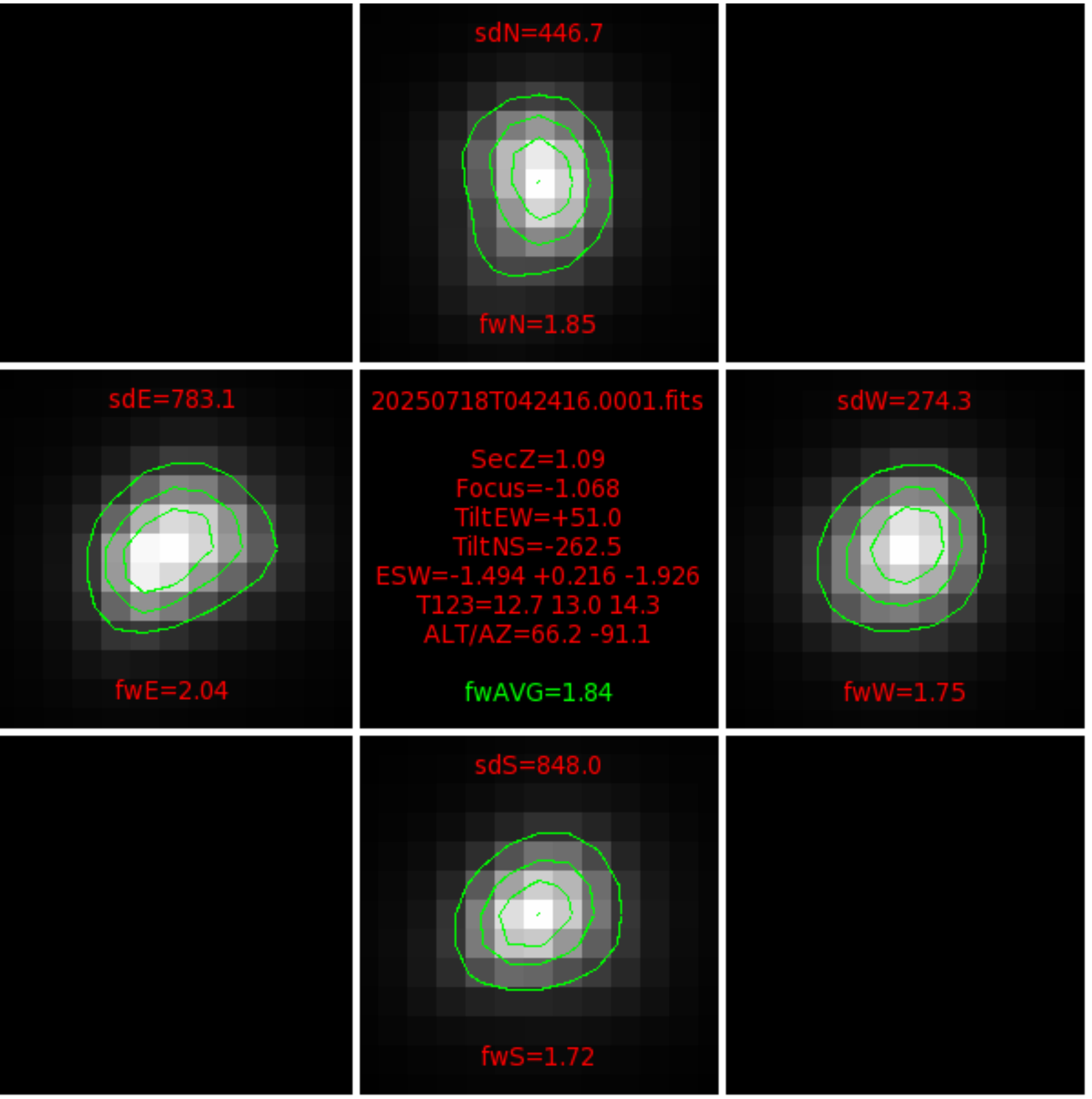
sdN=446.7
fwN=1.85
sdE=783.1
fwE=2.04
20250718T042416.0001.fits
SecZ=1.09
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=66.2 -91.1
fwAVG=1.84
sdW=274.3
fwW=1.75
sdS=848.0
fwS=1.72
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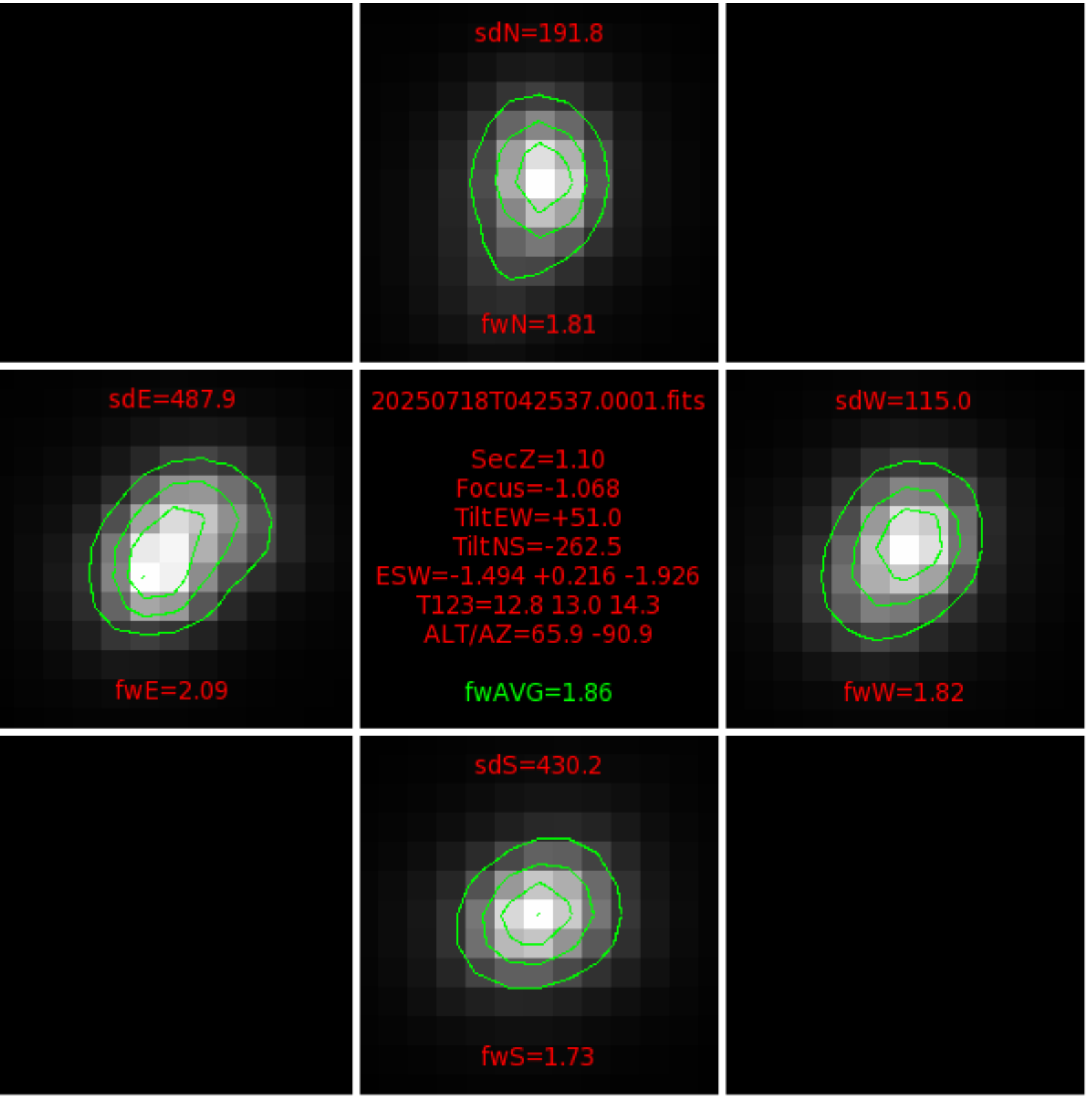
sdN=191.8
fwN=1.81
sdE=487.9
fwE=2.09
20250718T042537.0001.fits
SecZ=1.10
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 13.0 14.3
ALT/AZ=65.9 -90.9
fwAVG=1.86
sdW=115.0
fwW=1.82
sdS=430.2
fwS=1.73
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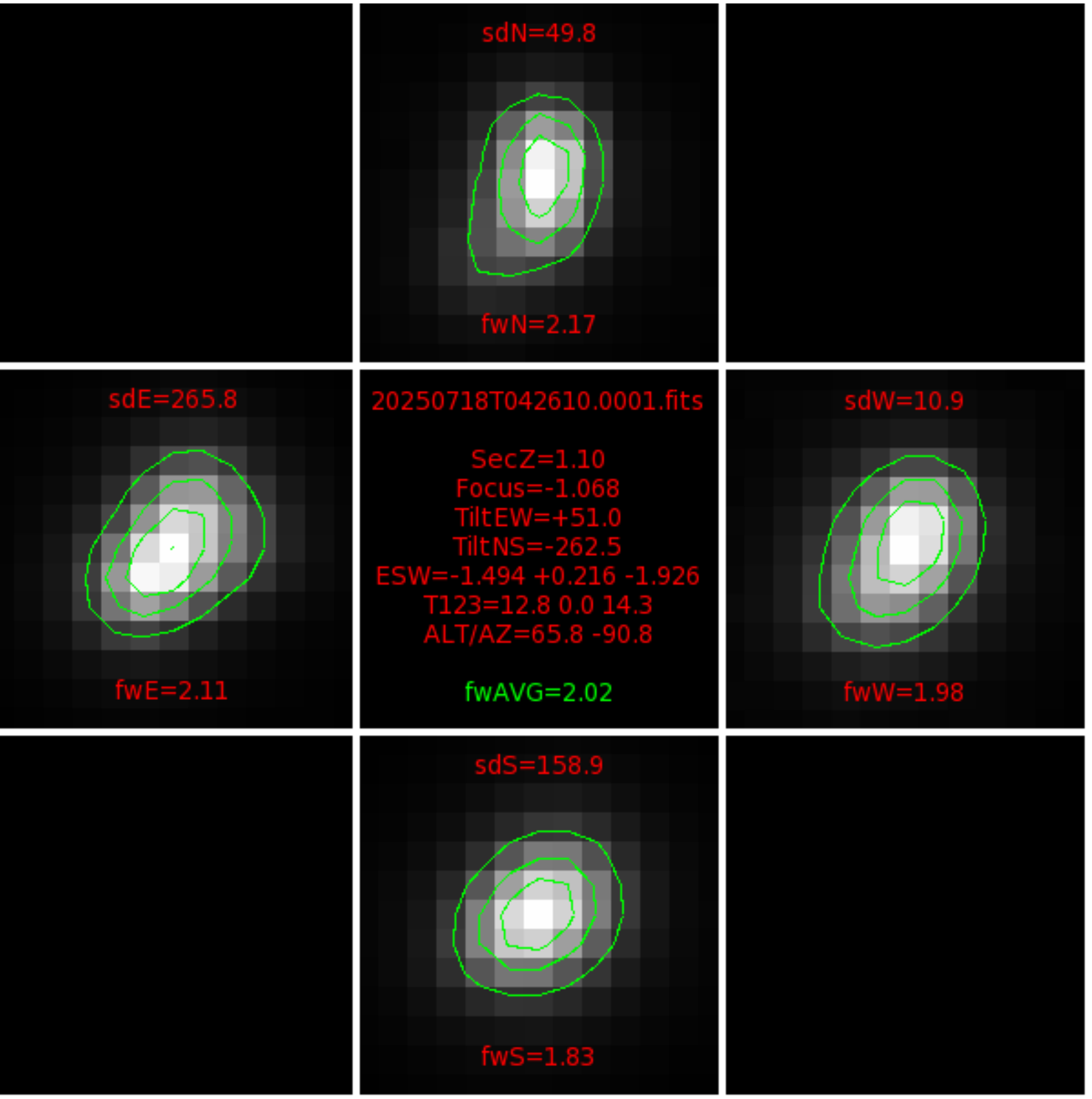
sdN=49.8
fwN=2.17
sdE=265.8
fwE=2.11
20250718T042610.0001.fits
SecZ=1.10
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 0.0 14.3
ALT/AZ=65.8 -90.8
fwAVG=2.02
sdW=10.9
fwW=1.98
sdS=158.9
fwS=1.83
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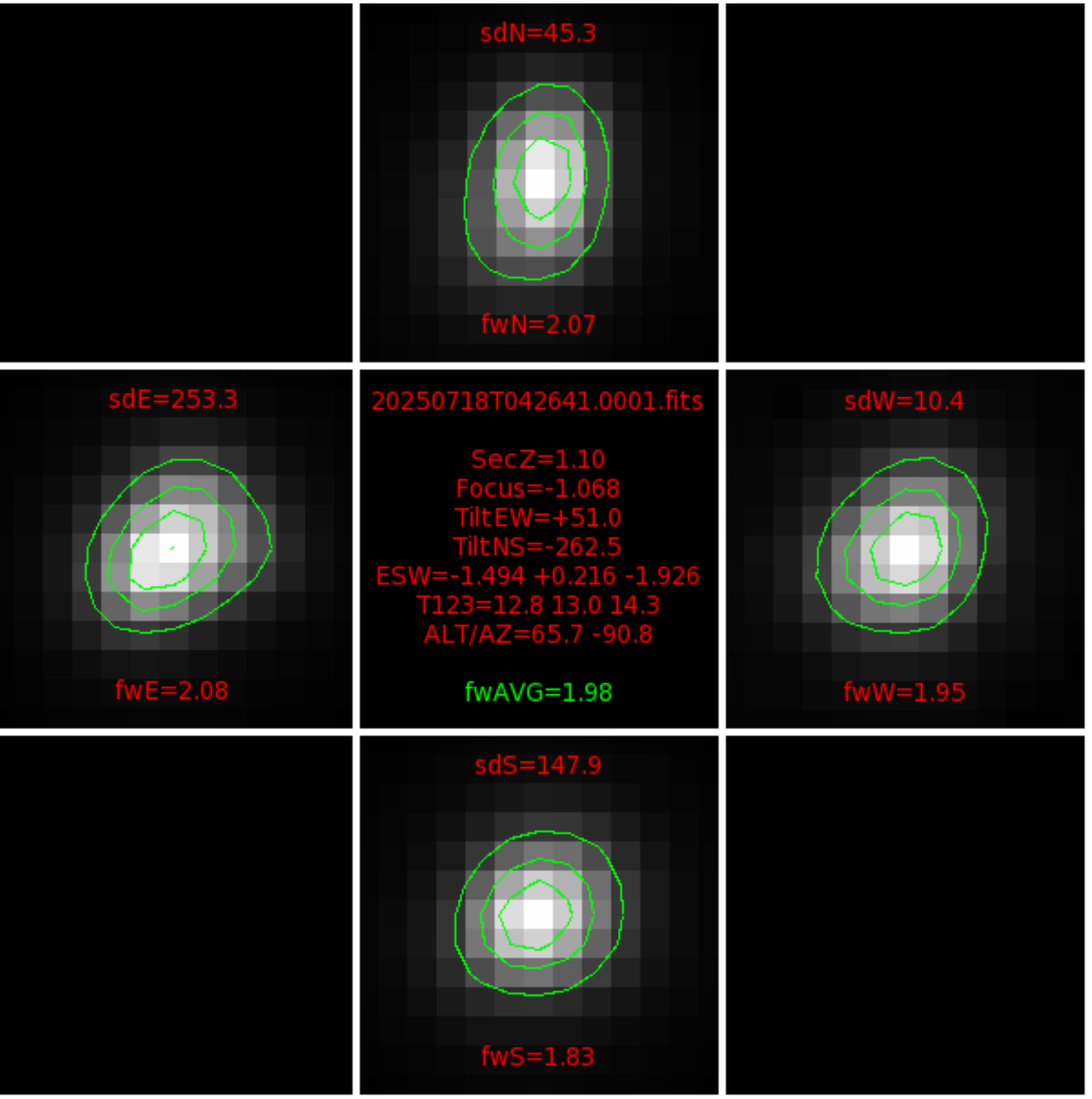
sdN=45.3
fwN=2.07
sdE=253.3
fwE=2.08
20250718T042641.0001.fits
SecZ=1.10
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 13.0 14.3
ALT/AZ=65.7 -90.8
fwAVG=1.98
sdW=10.4
fwW=1.95
sdS=147.9
fwS=1.83
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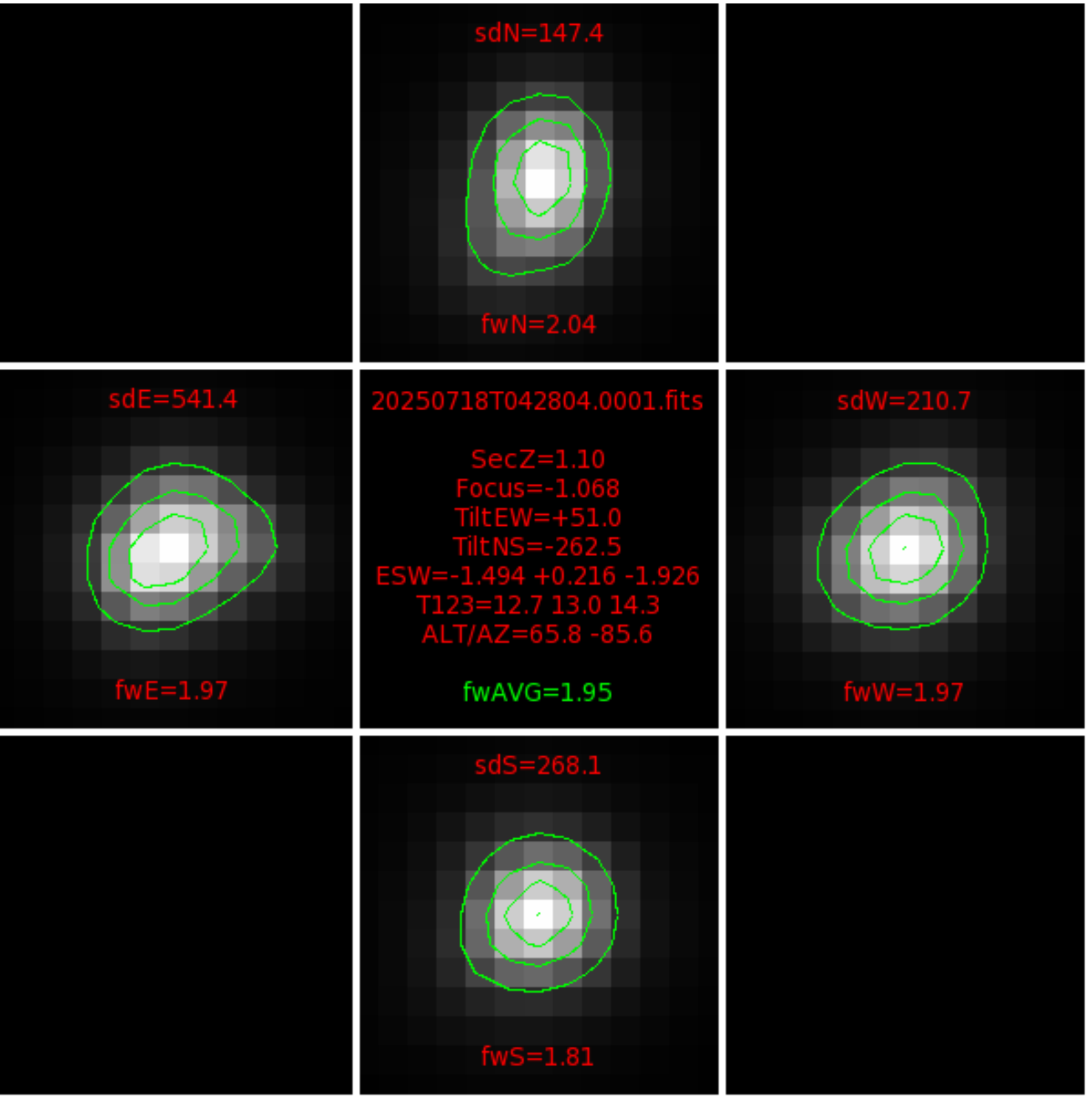
sdN=147.4
fwN=2.04
sdE=541.4
fwE=1.97
20250718T042804.0001.fits
SecZ=1.10
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=65.8 -85.6
fwAVG=1.95
sdW=210.7
fwW=1.97
sdS=268.1
fwS=1.81
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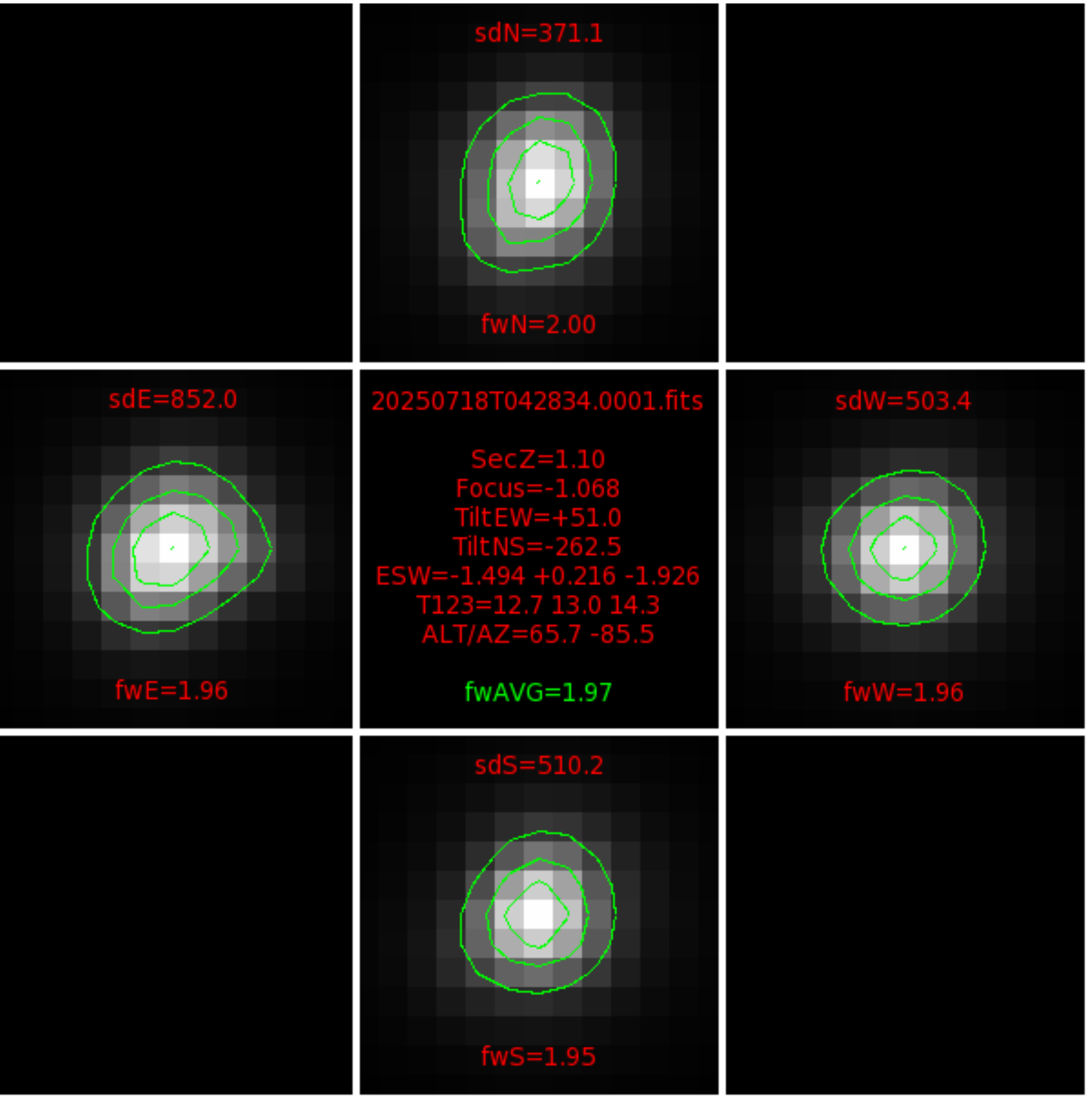
sdN=371.1
fwN=2.00
sdE=852.0
fwE=1.96
20250718T042834.0001.fits
SecZ=1.10
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=65.7 -85.5
fwAVG=1.97
sdW=503.4
fwW=1.96
sdS=510.2
fwS=1.95
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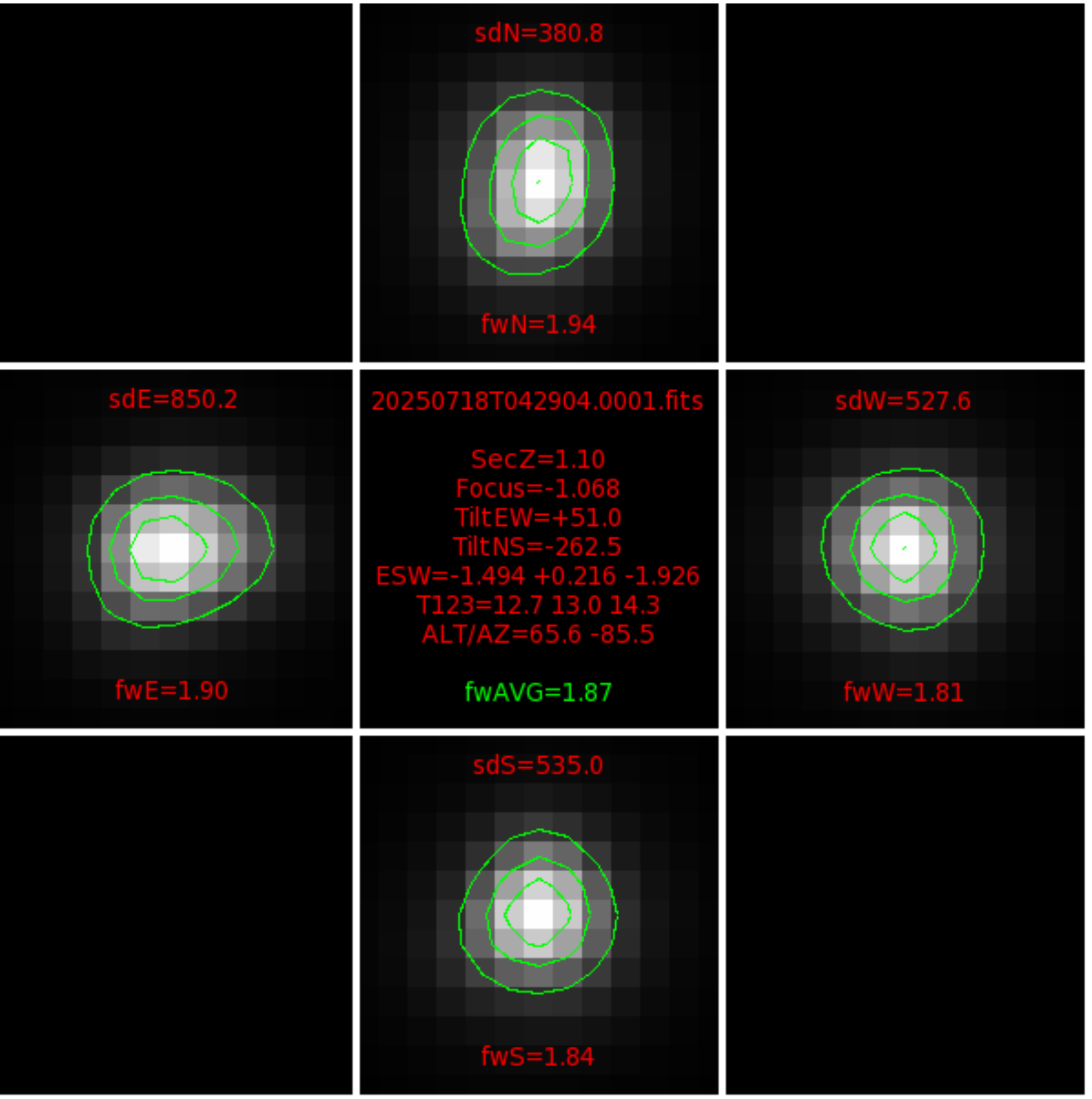
sdN=380.8
fwN=1.94
sdE=850.2
fwE=1.90
20250718T042904.0001.fits
SecZ=1.10
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=65.6 -85.5
fwAVG=1.87
sdW=527.6
fwW=1.81
sdS=535.0
fwS=1.84
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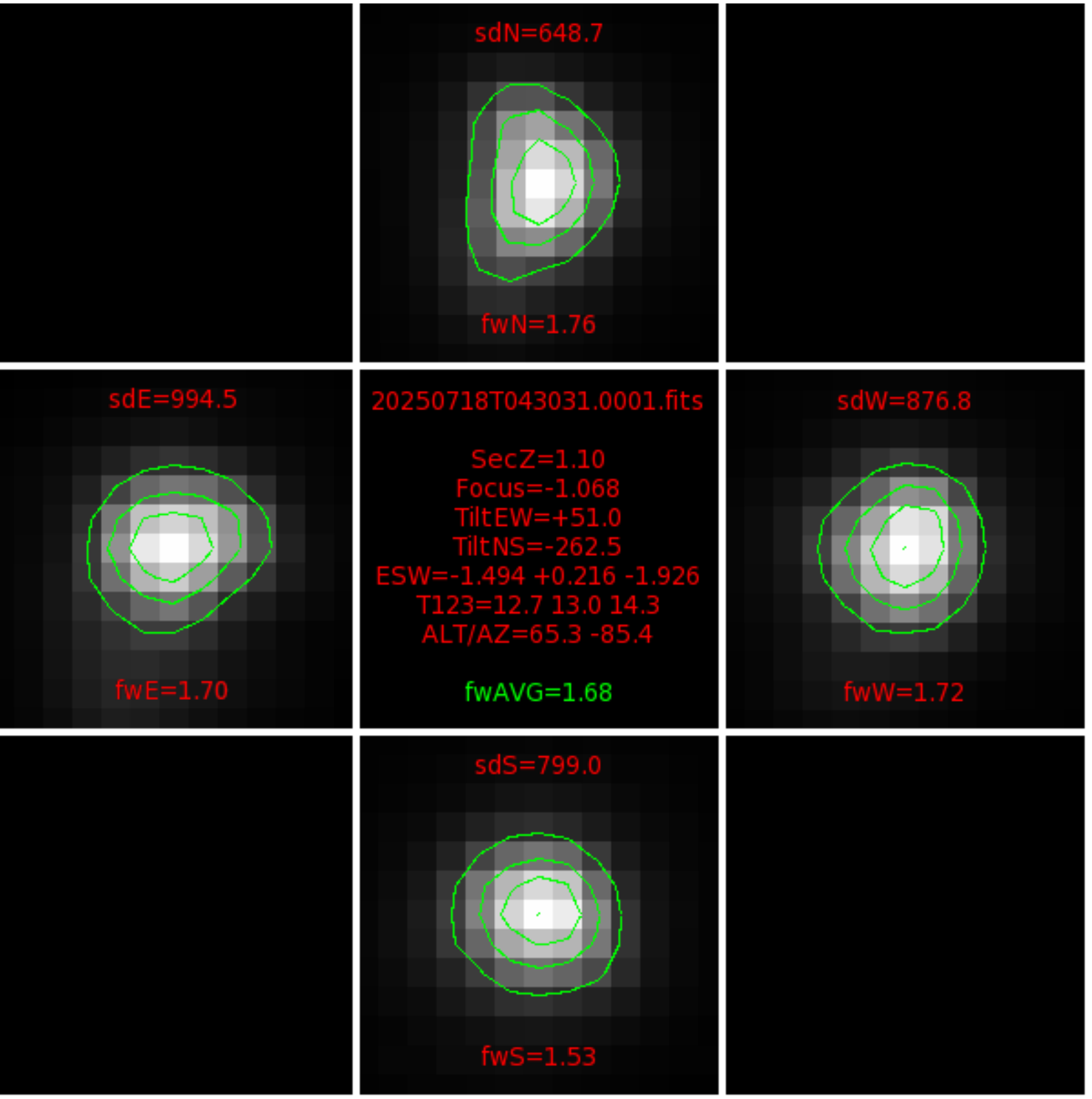
sdN=648.7
fwN=1.76
sdE=994.5
fwE=1.70
20250718T043031.0001.fits
SecZ=1.10
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=65.3 -85.4
fwAVG=1.68
sdW=876.8
fwW=1.72
sdS=799.0
fwS=1.53
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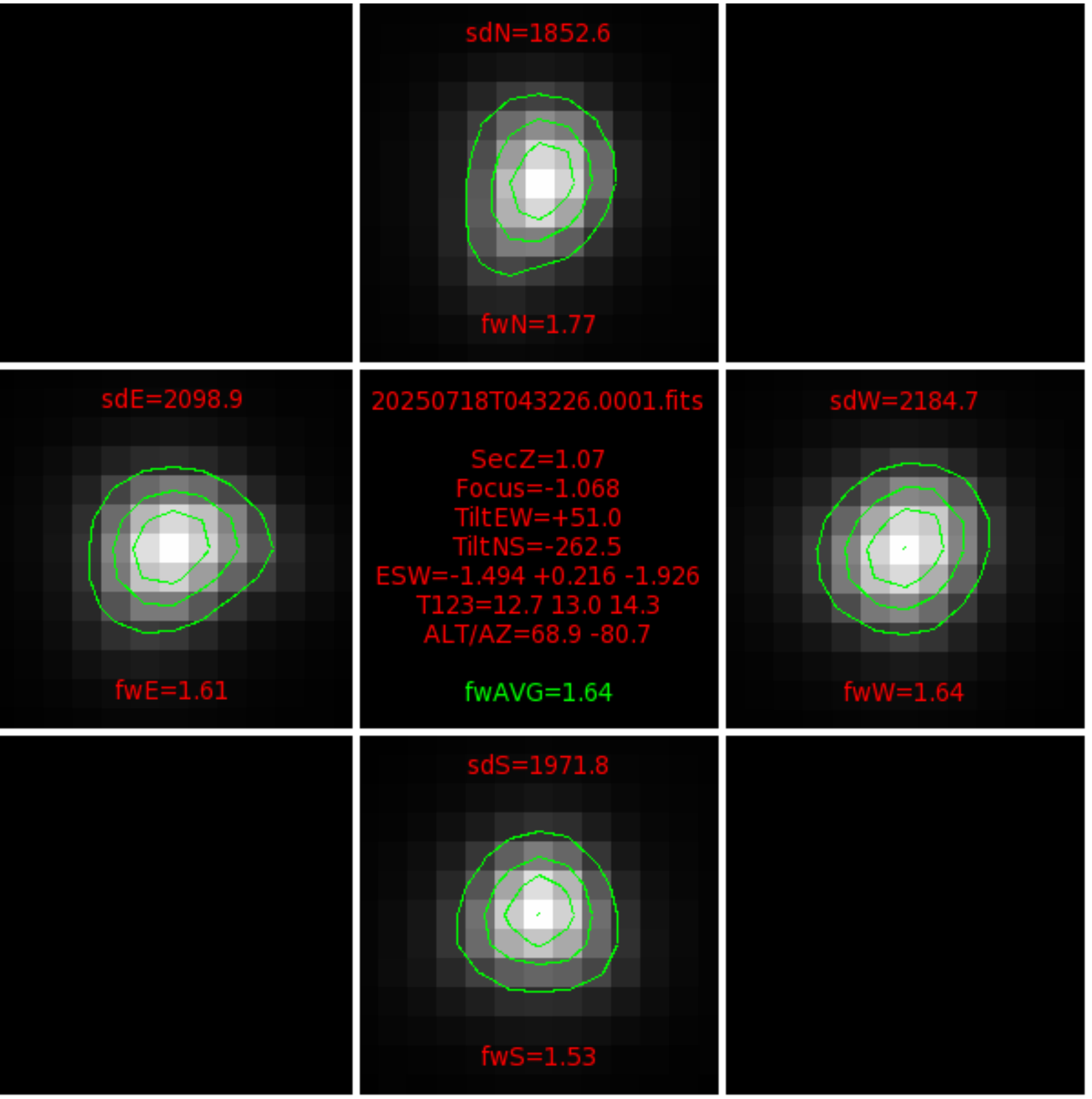
sdN=1852.6
fwN=1.77
sdE=2098.9
fwE=1.61
20250718T043226.0001.fits
SecZ=1.07
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=68.9 -80.7
fwAVG=1.64
sdW=2184.7
fwW=1.64
sdS=1971.8
fwS=1.53
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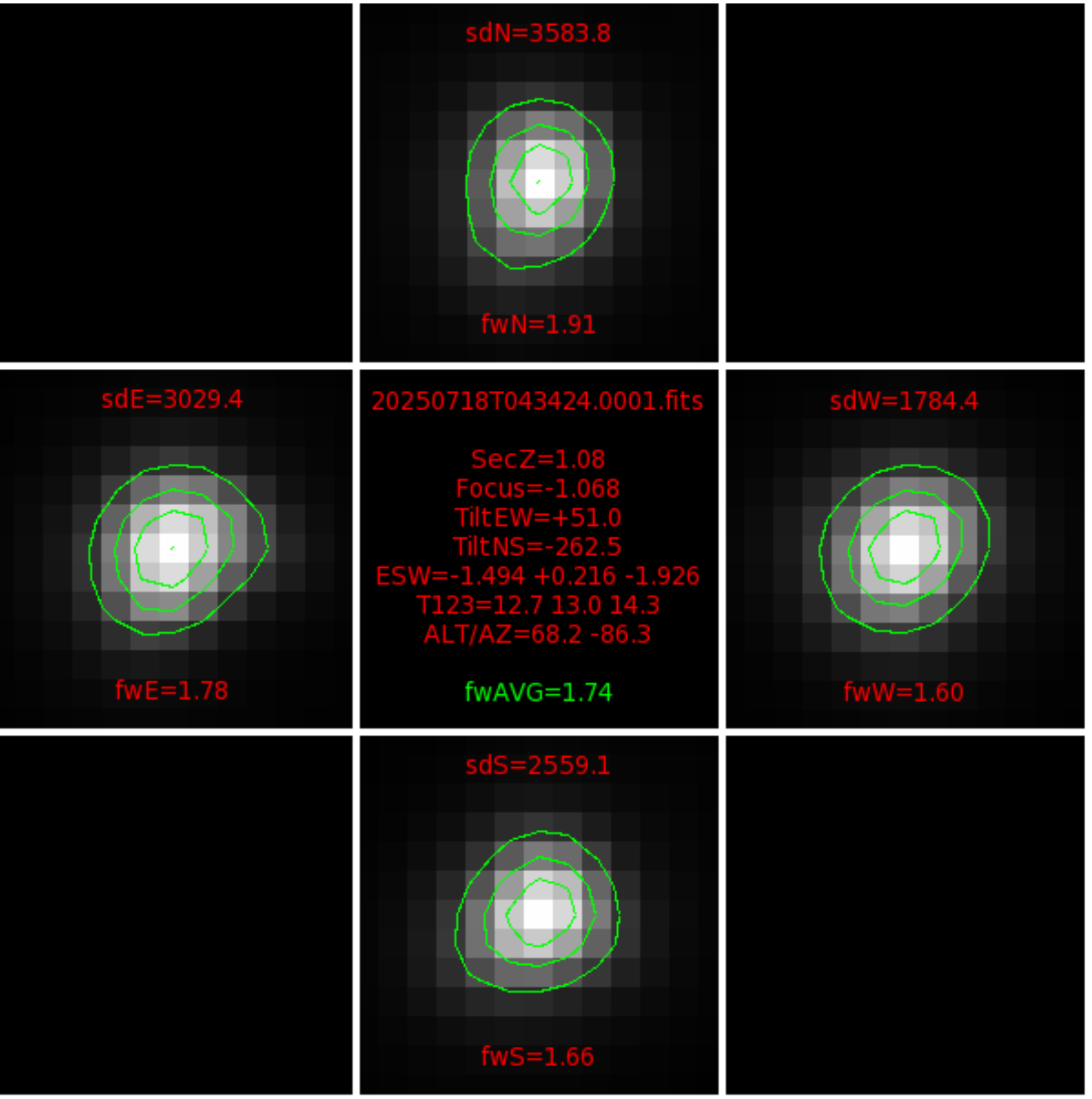
sdN=3583.8
fwN=1.91
sdE=3029.4
fwE=1.78
20250718T043424.0001.fits
SecZ=1.08
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=68.2 -86.3
fwAVG=1.74
sdW=1784.4
fwW=1.60
sdS=2559.1
fwS=1.66
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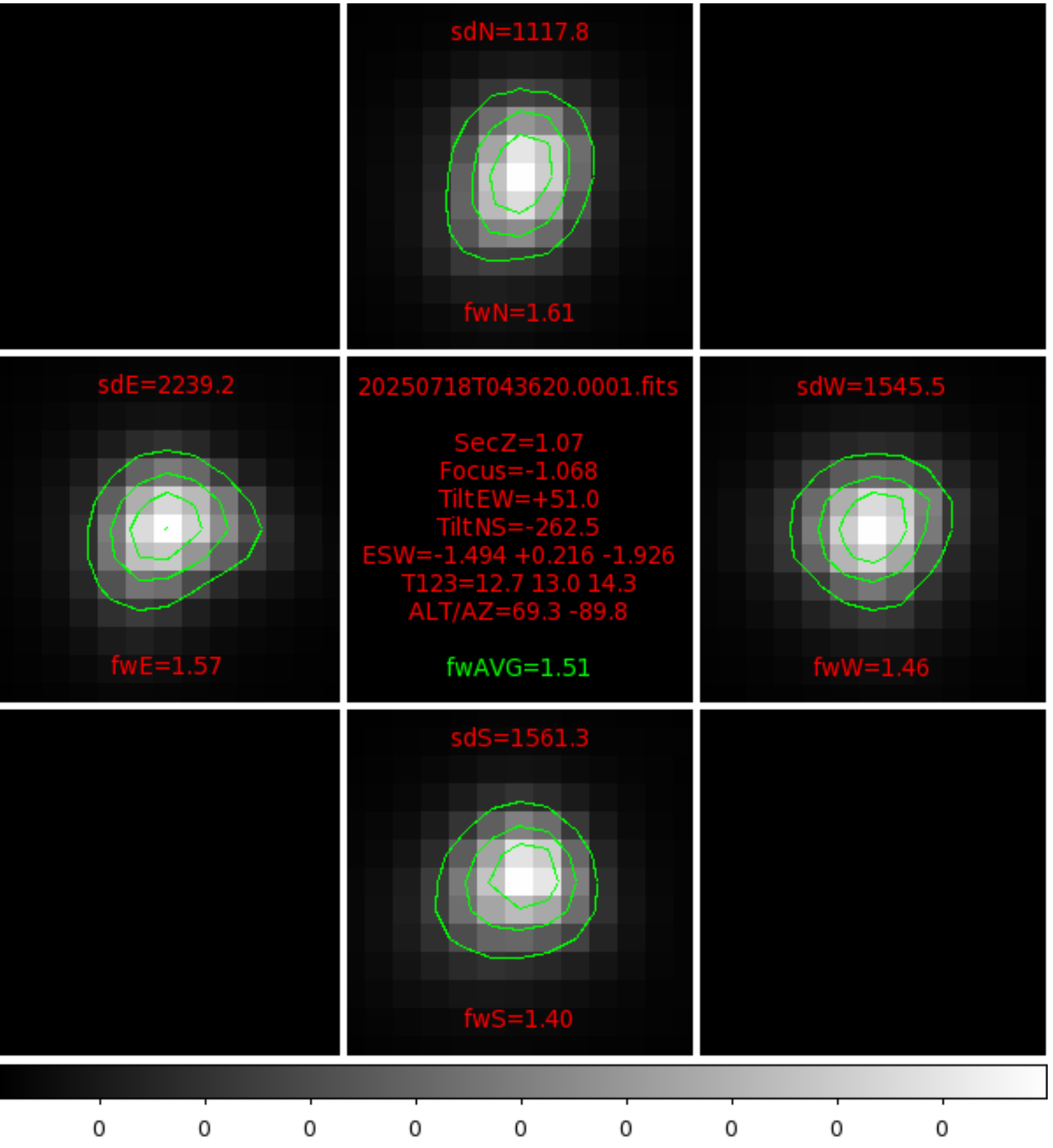
sdN=1117.8
fwN=1.61
sdE=2239.2
fwE=1.57
20250718T043620.0001.fits
SecZ=1.07
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=69.3 -89.8
fwAVG=1.51
sdW=1545.5
fwW=1.46
sdS=1561.3
fwS=1.40
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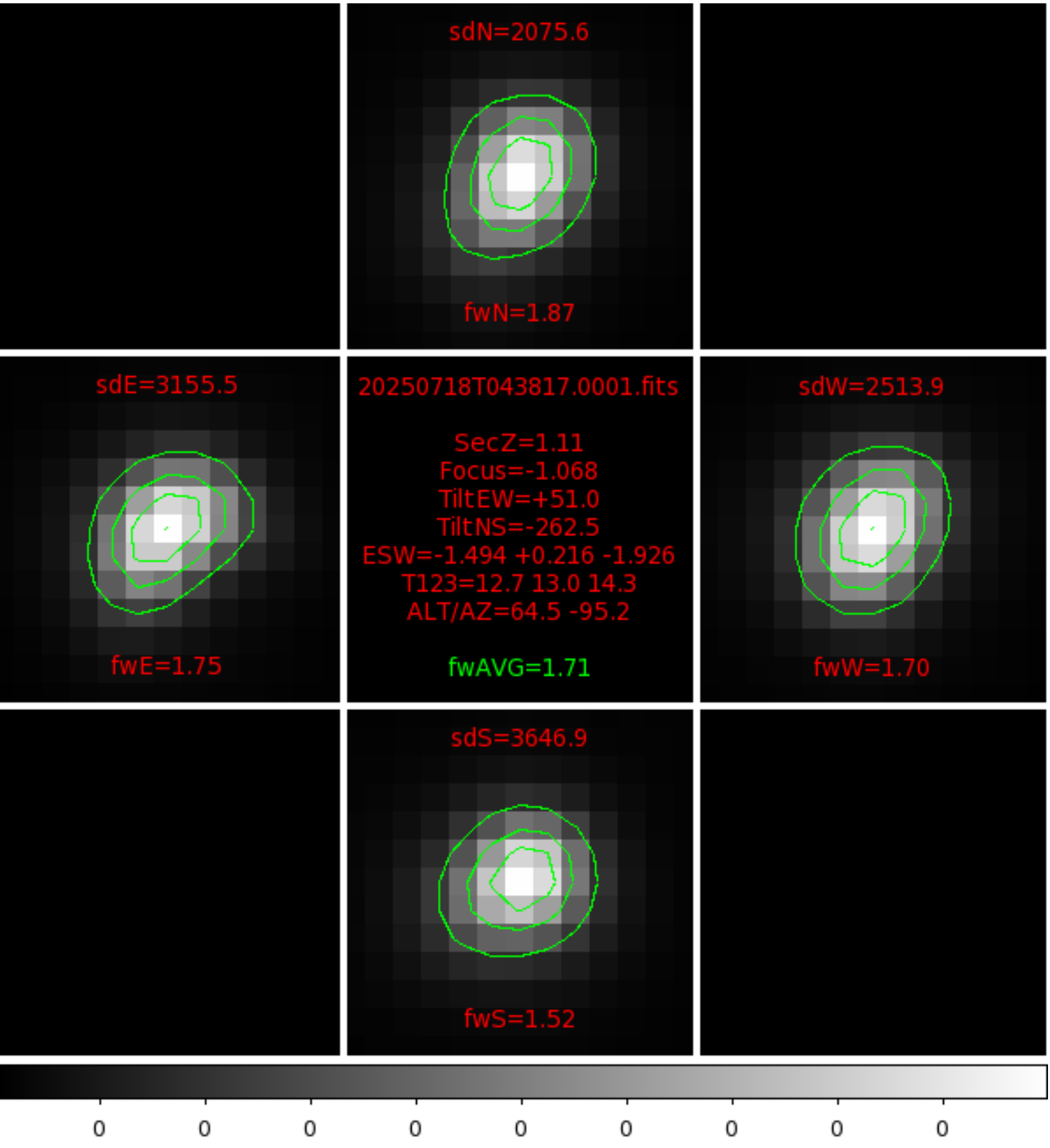
sdN=2075.6
fwN=1.87
sdE=3155.5
fwE=1.75
20250718T043817.0001.fits
SecZ=1.11
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 13.0 14.3
ALT/AZ=64.5 -95.2
fwAVG=1.71
sdW=2513.9
fwW=1.70
sdS=3646.9
fwS=1.52
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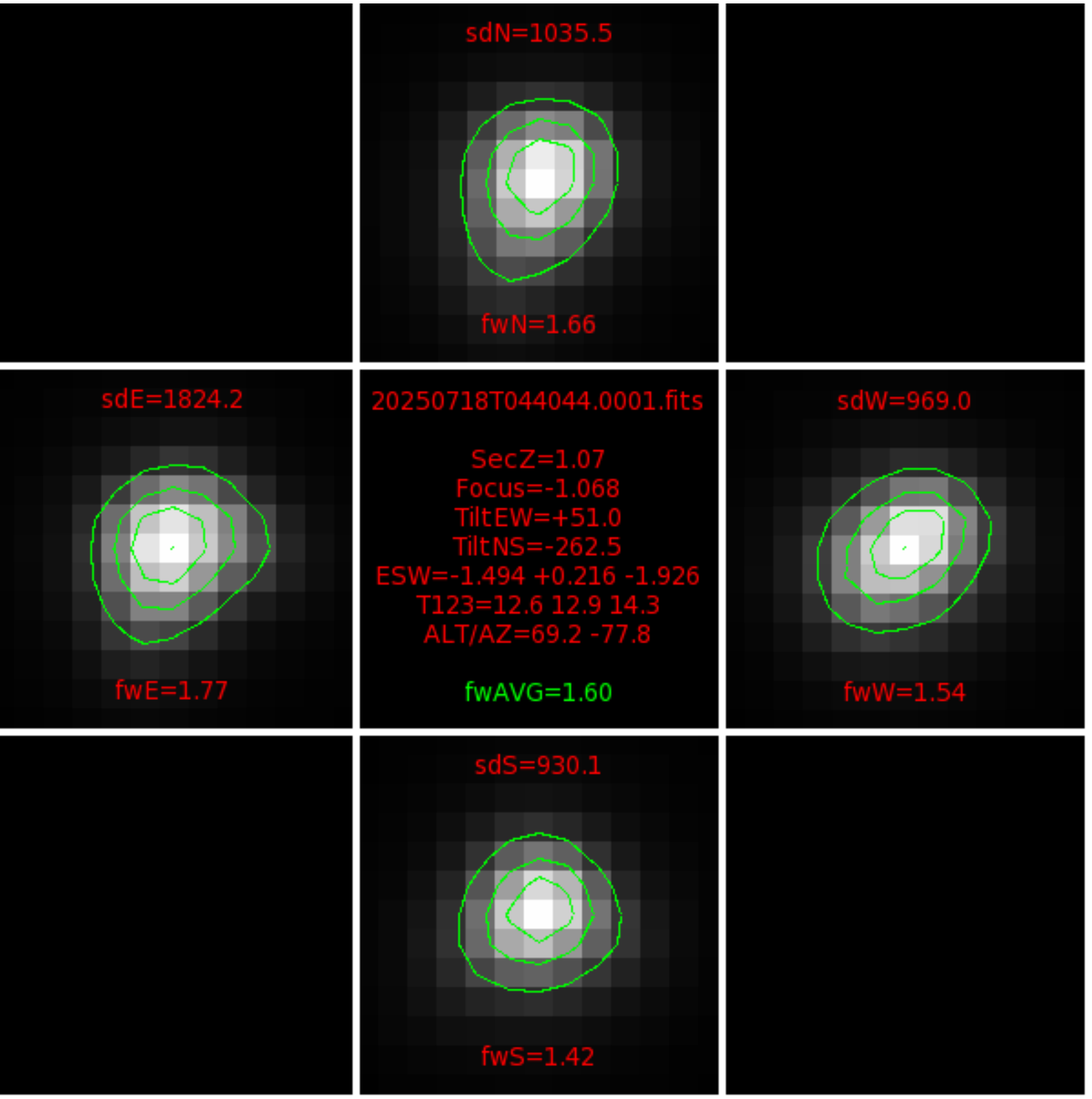
sdN=1035.5
fwN=1.66
sdE=1824.2
fwE=1.77
20250718T044044.0001.fits
SecZ=1.07
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.3
ALT/AZ=69.2 -77.8
fwAVG=1.60
sdW=969.0
fwW=1.54
sdS=930.1
fwS=1.42
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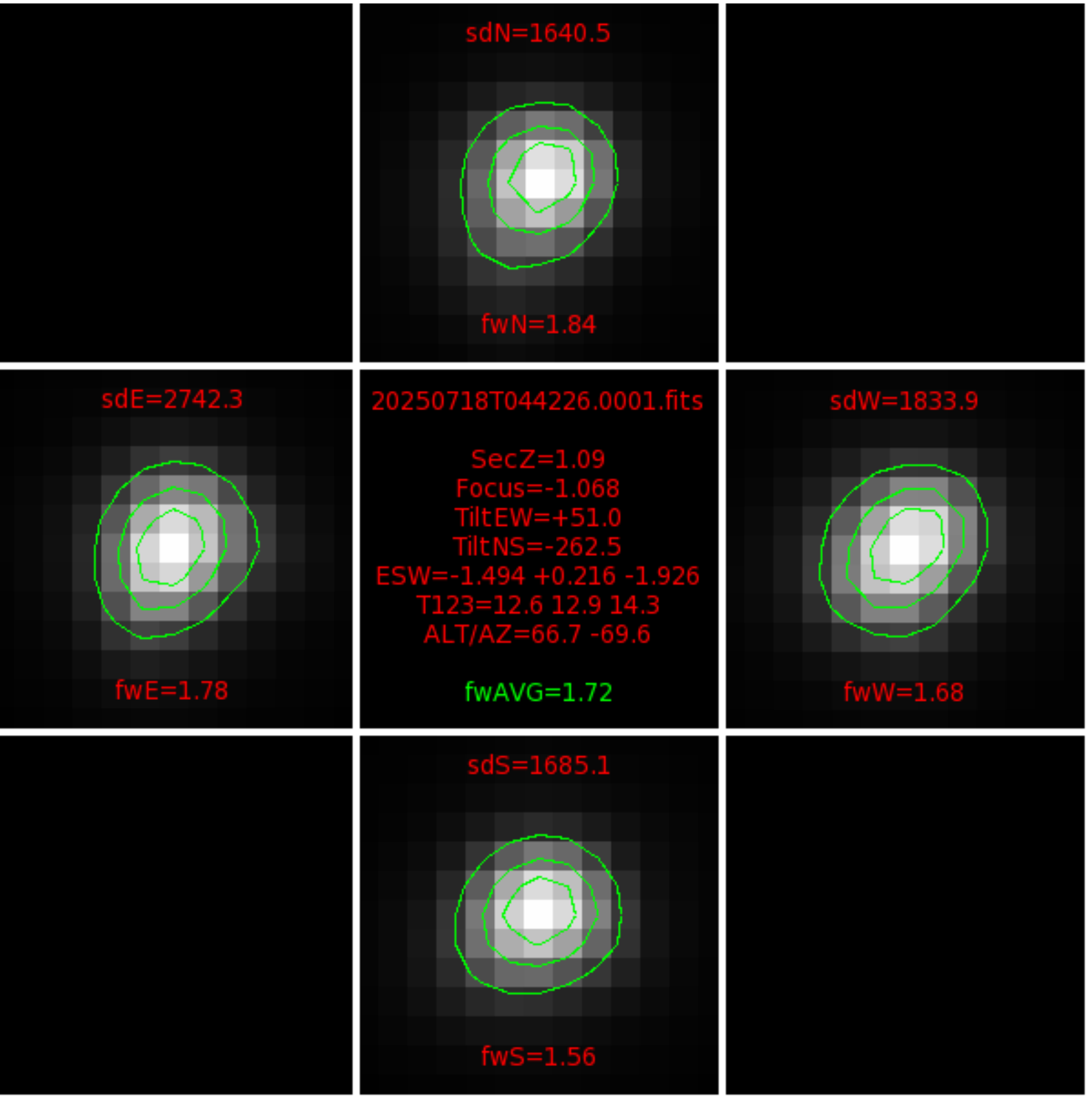
sdN=1640.5
fwN=1.84
sdE=2742.3
fwE=1.78
20250718T044226.0001.fits
SecZ=1.09
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.3
ALT/AZ=66.7 -69.6
fwAVG=1.72
sdW=1833.9
fwW=1.68
sdS=1685.1
fwS=1.56
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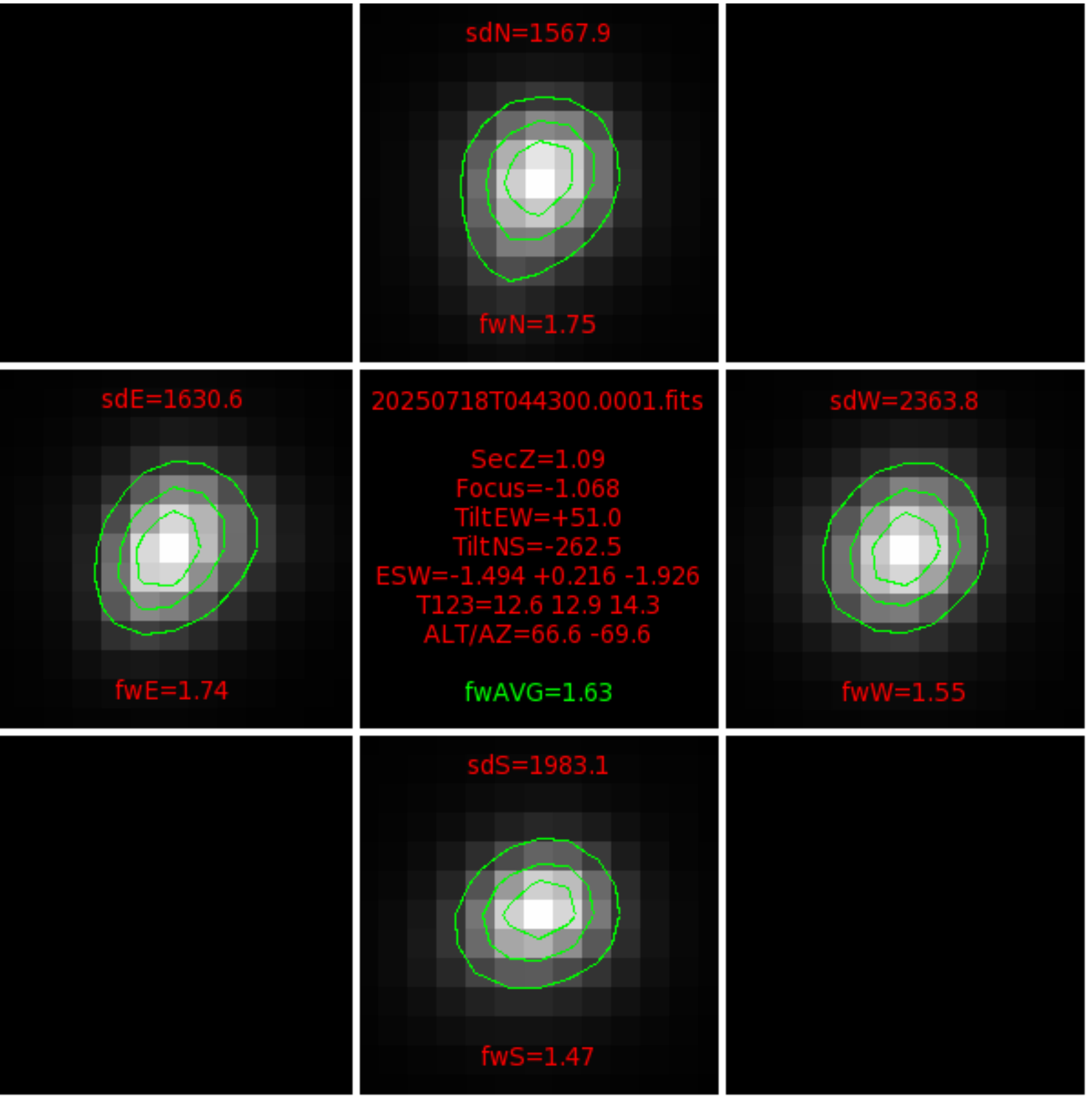
sdN=1567.9
fwN=1.75
sdE=1630.6
fwE=1.74
20250718T044300.0001.fits
SecZ=1.09
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.3
ALT/AZ=66.6 -69.6
fwAVG=1.63
sdW=2363.8
fwW=1.55
sdS=1983.1
fwS=1.47
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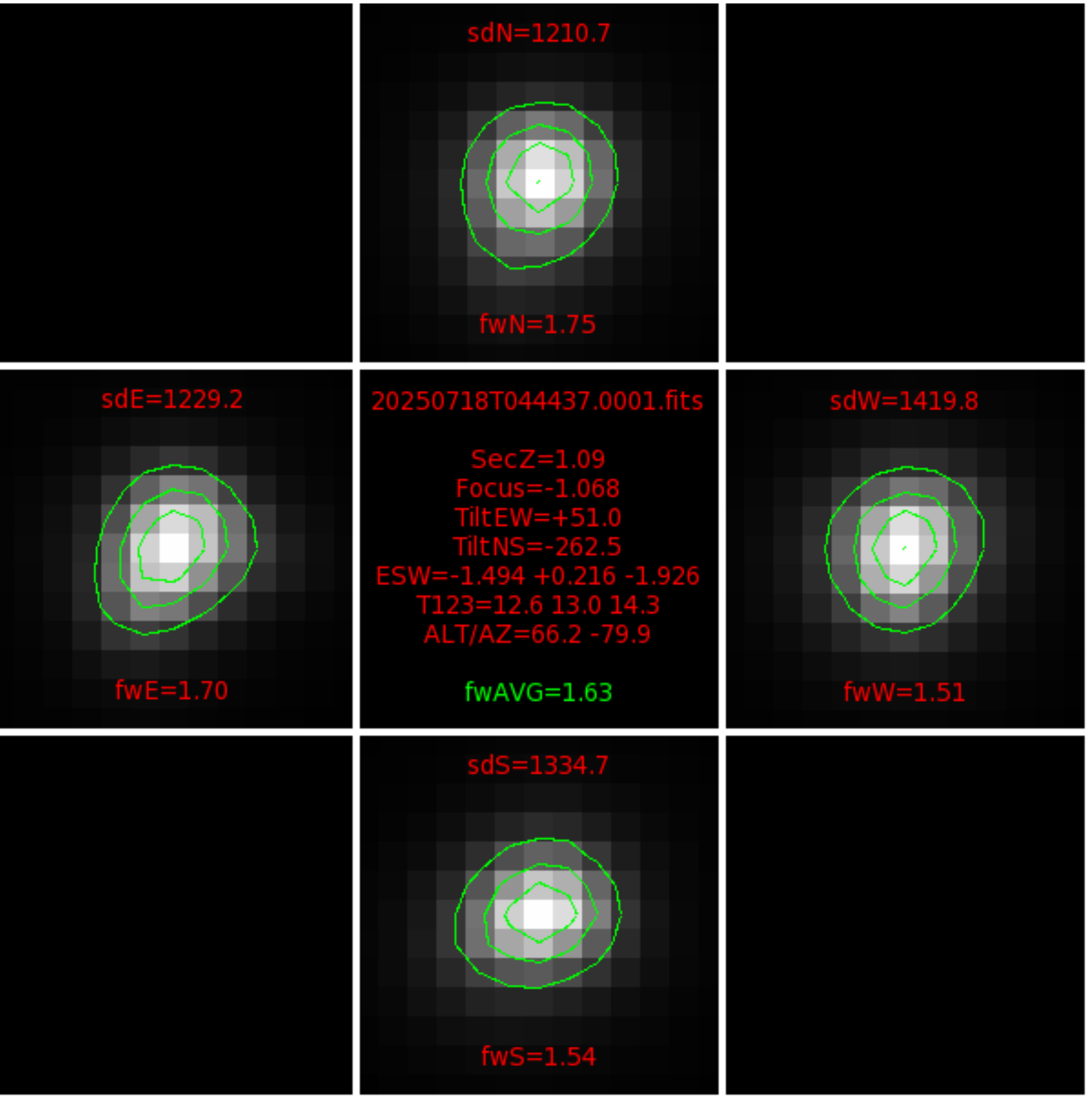
sdN=1210.7
fwN=1.75
sdE=1229.2
fwE=1.70
20250718T044437.0001.fits
SecZ=1.09
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.0 14.3
ALT/AZ=66.2 -79.9
fwAVG=1.63
sdW=1419.8
fwW=1.51
sdS=1334.7
fwS=1.54
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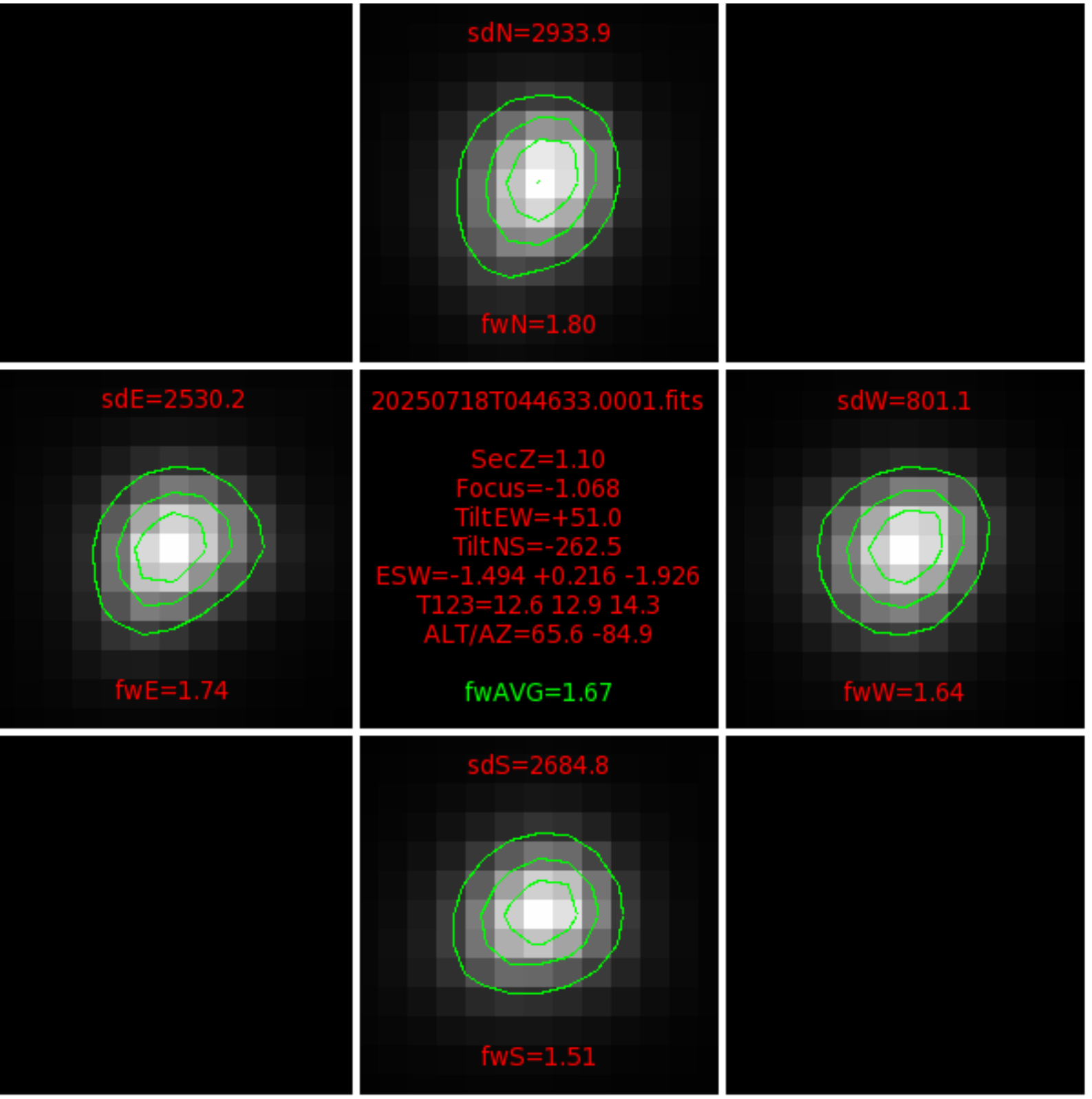
sdN=2933.9
fwN=1.80
sdE=2530.2
fwE=1.74
20250718T044633.0001.fits
SecZ=1.10
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.3
ALT/AZ=65.6 -84.9
fwAVG=1.67
sdW=801.1
fwW=1.64
sdS=2684.8
fwS=1.51
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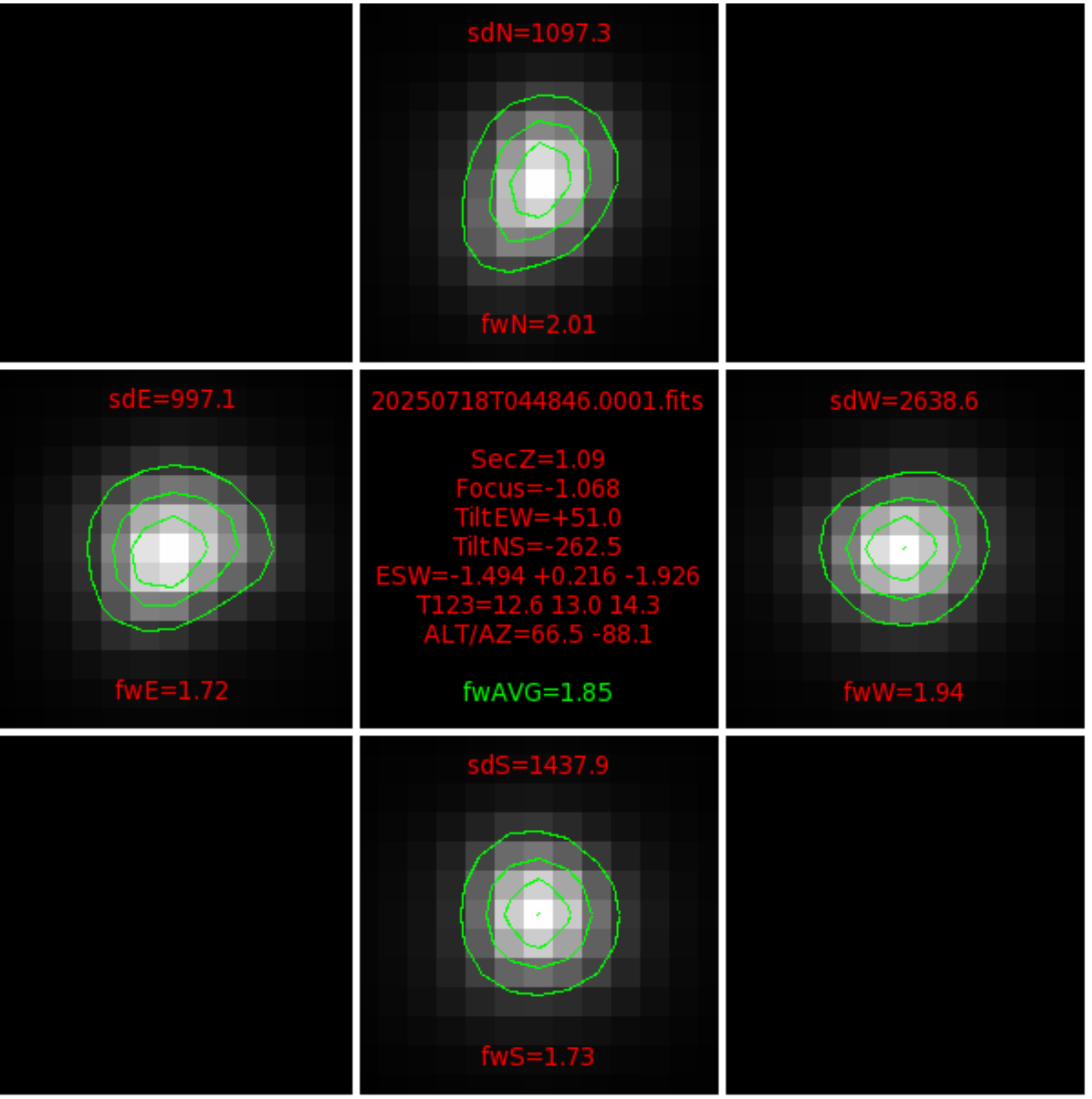
sdN=1097.3
fwN=2.01
sdE=997.1
fwE=1.72
20250718T044846.0001.fits
SecZ=1.09
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.0 14.3
ALT/AZ=66.5 -88.1
fwAVG=1.85
sdW=2638.6
fwW=1.94
sdS=1437.9
fwS=1.73
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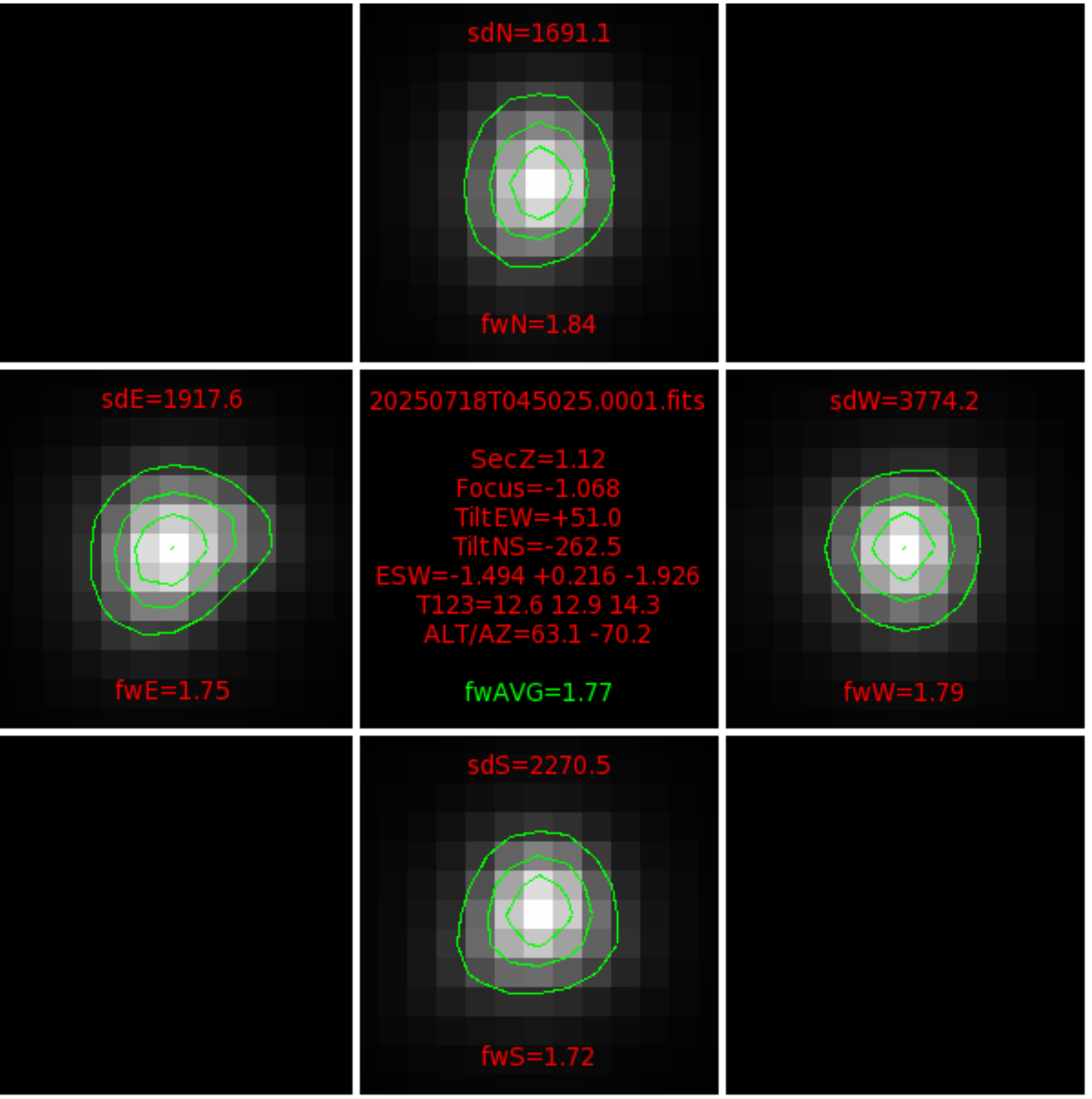
sdN=1691.1
fwN=1.84
sdE=1917.6
fwE=1.75
20250718T045025.0001.fits
SecZ=1.12
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.3
ALT/AZ=63.1 -70.2
fwAVG=1.77
sdW=3774.2
fwW=1.79
sdS=2270.5
fwS=1.72
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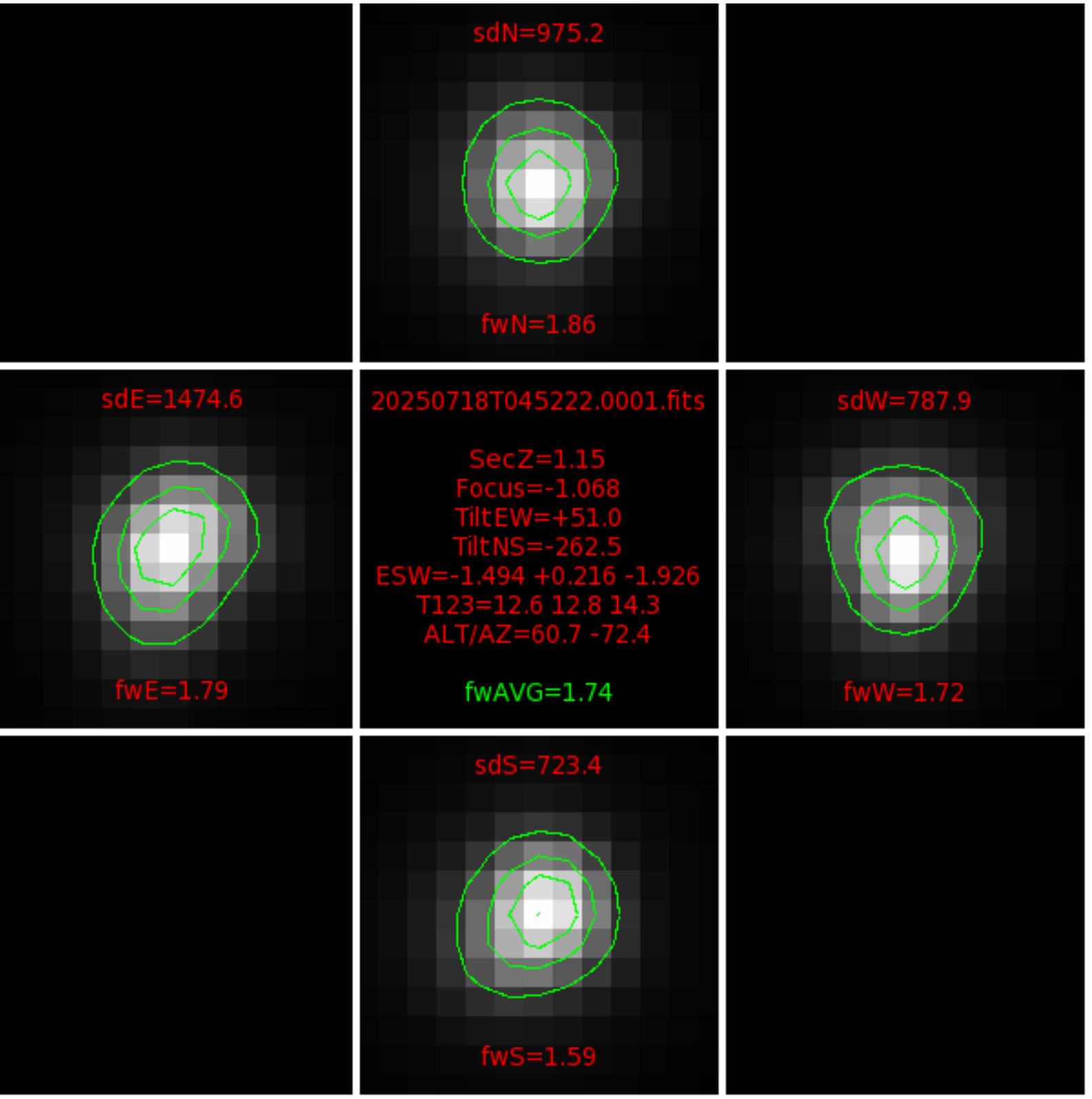
sdN=975.2
fwN=1.86
sdE=1474.6
fwE=1.79
20250718T045222.0001.fits
SecZ=1.15
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.8 14.3
ALT/AZ=60.7 -72.4
fwAVG=1.74
sdW=787.9
fwW=1.72
sdS=723.4
fwS=1.59
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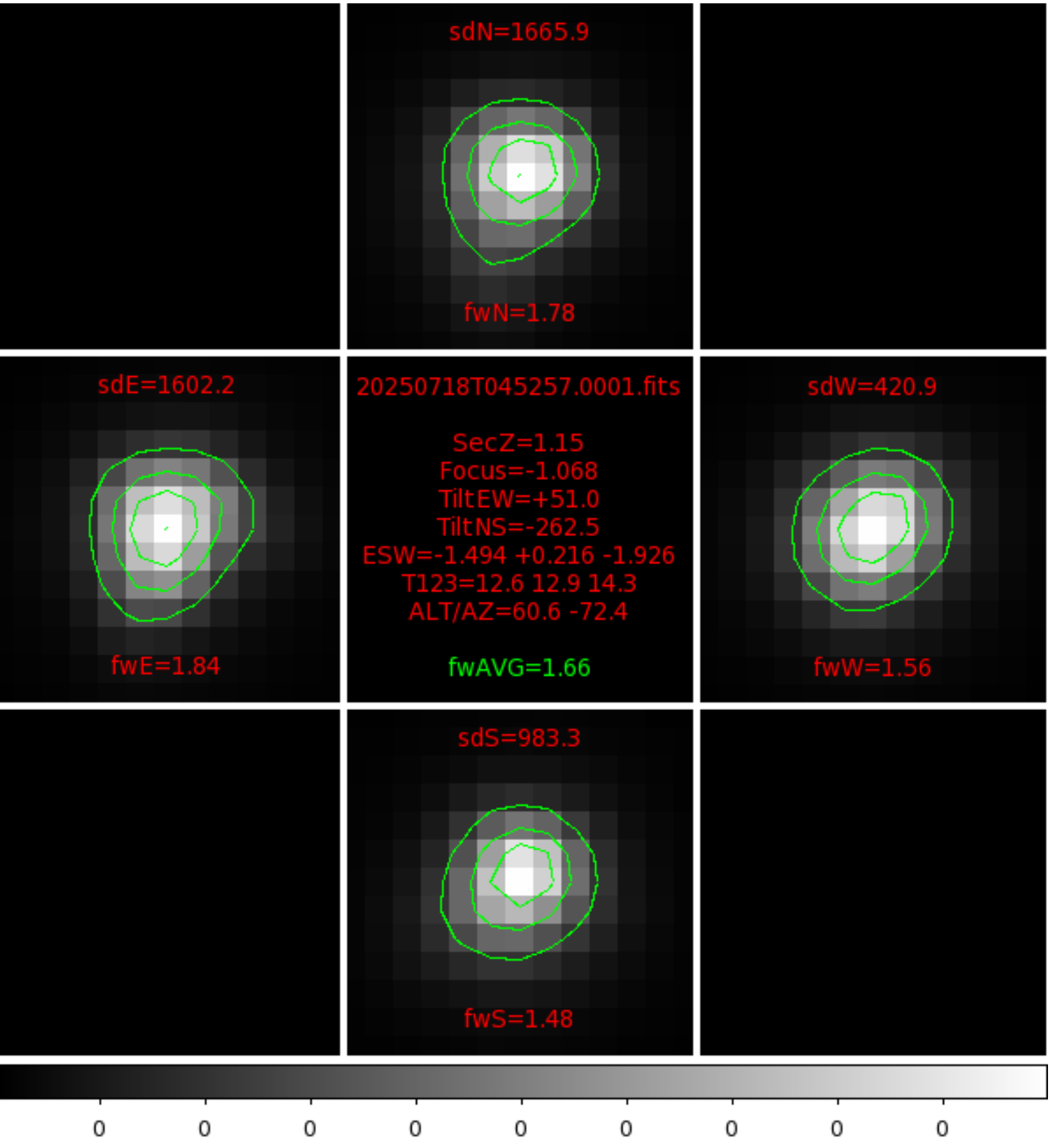
sdN=1665.9
fwN=1.78
sdE=1602.2
fwE=1.84
20250718T045257.0001.fits
SecZ=1.15
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.3
ALT/AZ=60.6 -72.4
fwAVG=1.66
sdW=420.9
fwW=1.56
sdS=983.3
fwS=1.48
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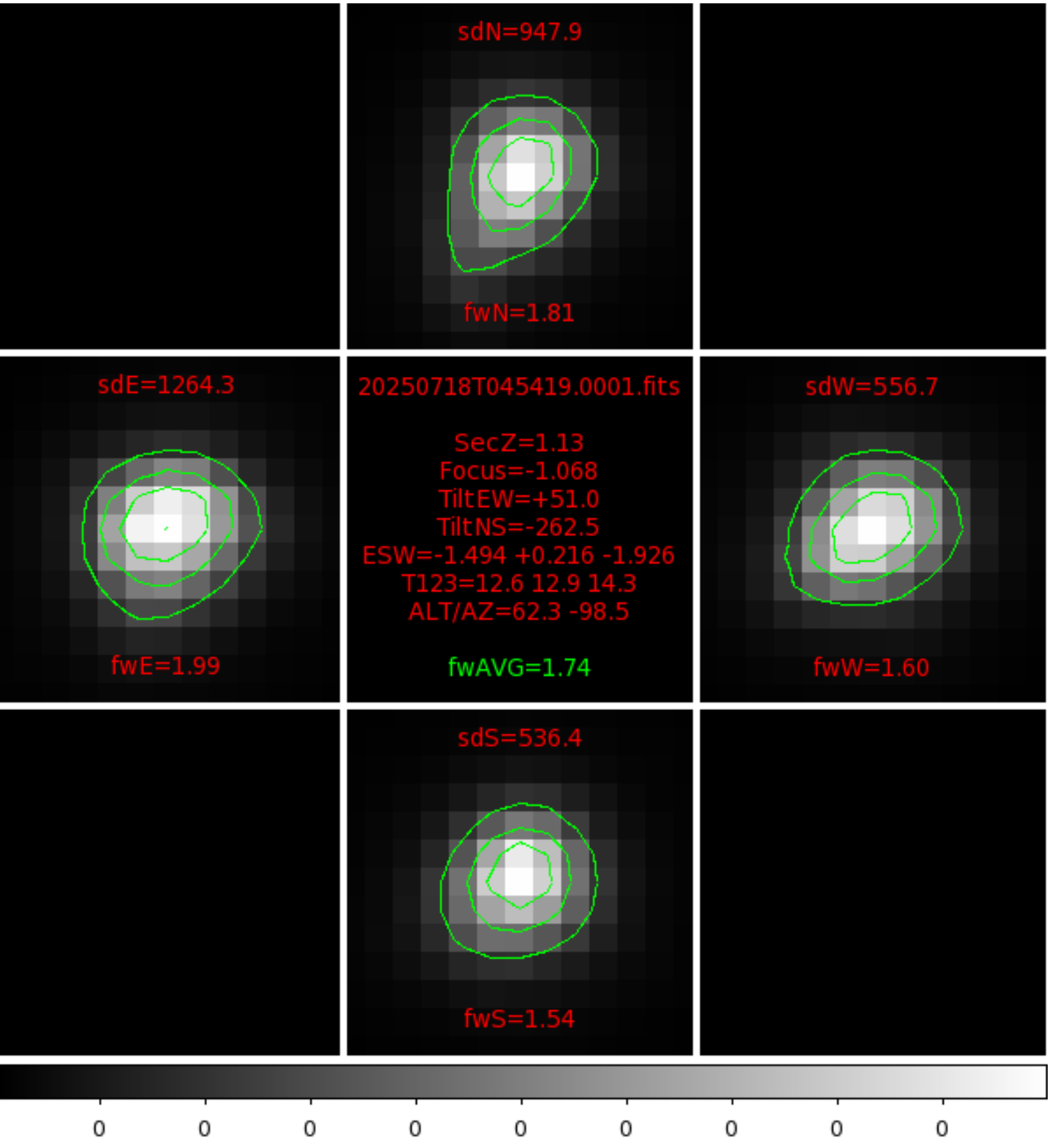
sdN=947.9
fwN=1.81
sdE=1264.3
fwE=1.99
20250718T045419.0001.fits
SecZ=1.13
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.3
ALT/AZ=62.3 -98.5
fwAVG=1.74
sdW=556.7
fwW=1.60
sdS=536.4
fwS=1.54
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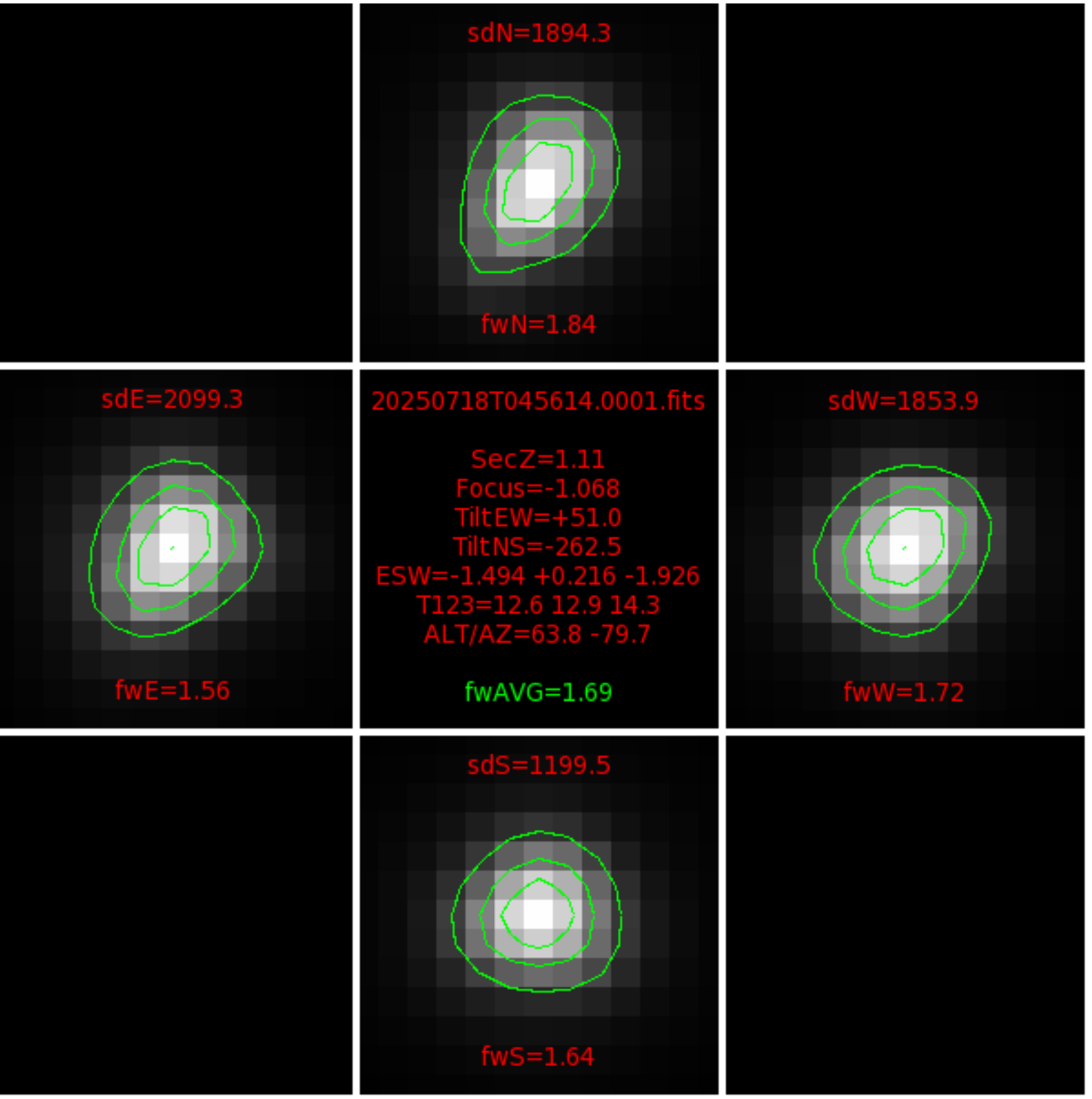
sdN=1894.3
fwN=1.84
sdE=2099.3
fwE=1.56
20250718T045614.0001.fits
SecZ=1.11
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.3
ALT/AZ=63.8 -79.7
fwAVG=1.69
sdW=1853.9
fwW=1.72
sdS=1199.5
fwS=1.64
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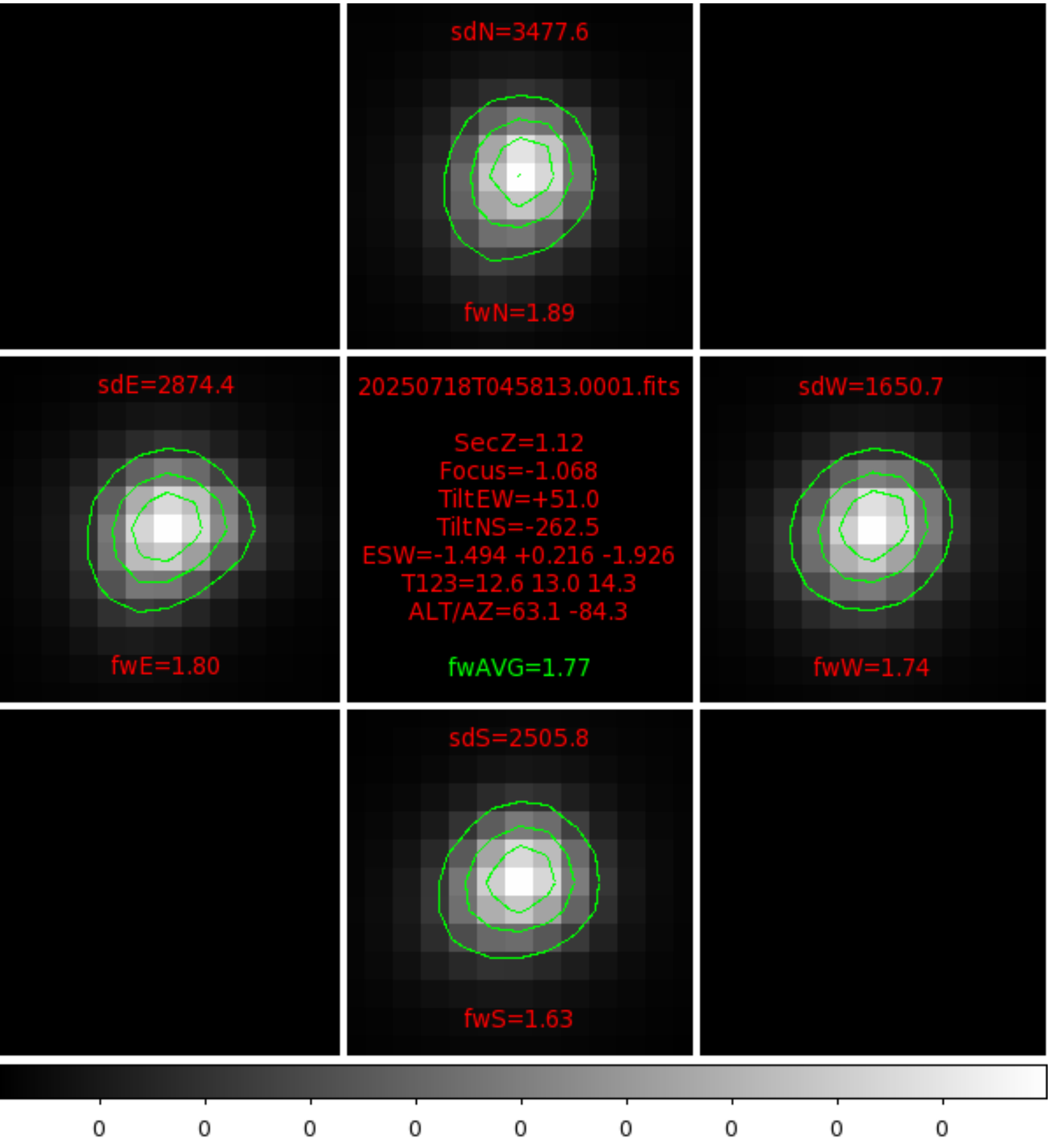
sdN=3477.6
fwN=1.89
sdE=2874.4
fwE=1.80
20250718T045813.0001.fits
SecZ=1.12
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 13.0 14.3
ALT/AZ=63.1 -84.3
fwAVG=1.77
sdW=1650.7
fwW=1.74
sdS=2505.8
fwS=1.63
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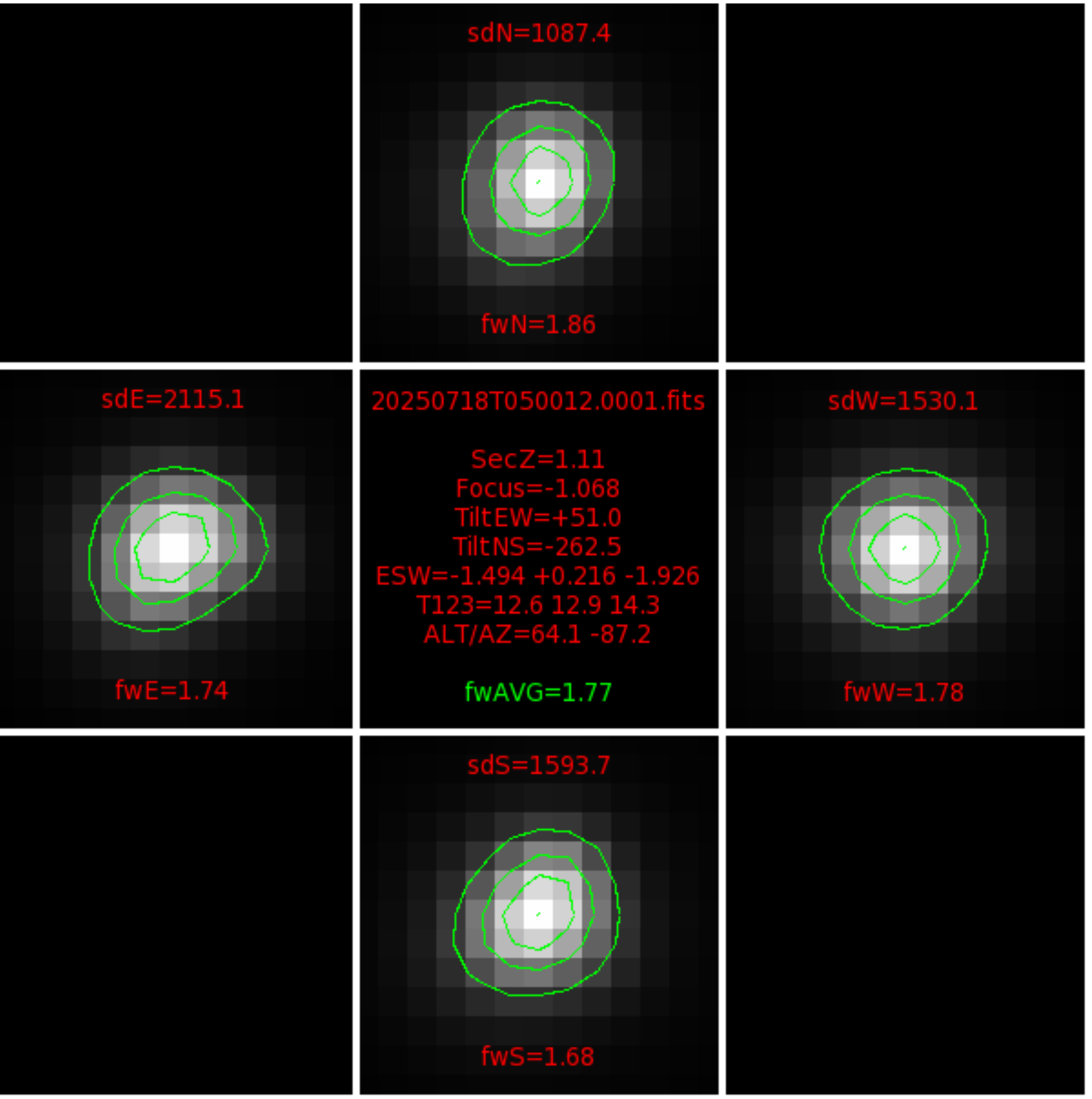
sdN=1087.4
fwN=1.86
sdE=2115.1
fwE=1.74
20250718T050012.0001.fits
SecZ=1.11
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.3
ALT/AZ=64.1 -87.2
fwAVG=1.77
sdW=1530.1
fwW=1.78
sdS=1593.7
fwS=1.68
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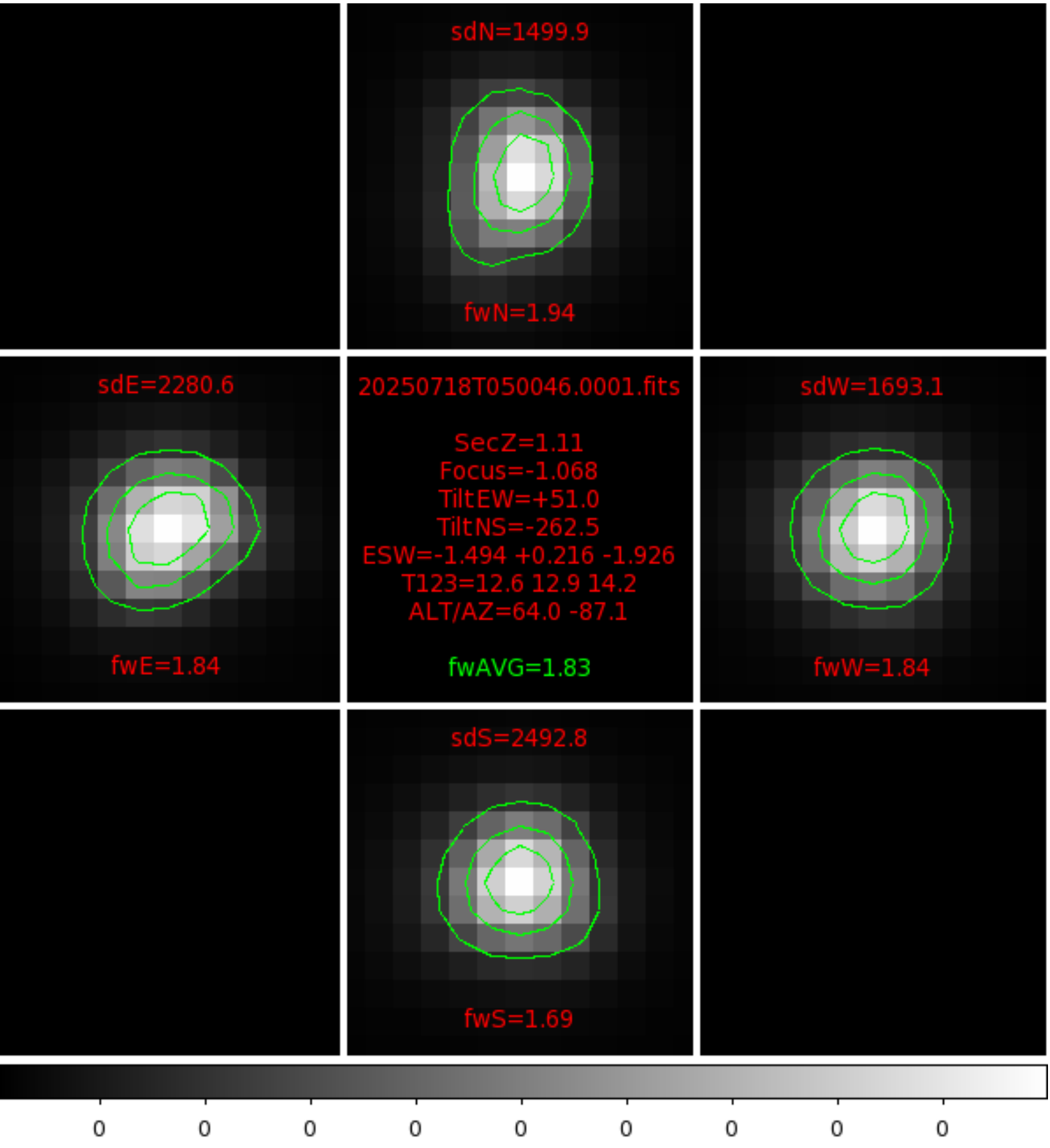
sdN=1499.9
fwN=1.94
sdE=2280.6
fwE=1.84
20250718T050046.0001.fits
SecZ=1.11
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.2
ALT/AZ=64.0 -87.1
fwAVG=1.83
sdW=1693.1
fwW=1.84
sdS=2492.8
fwS=1.69
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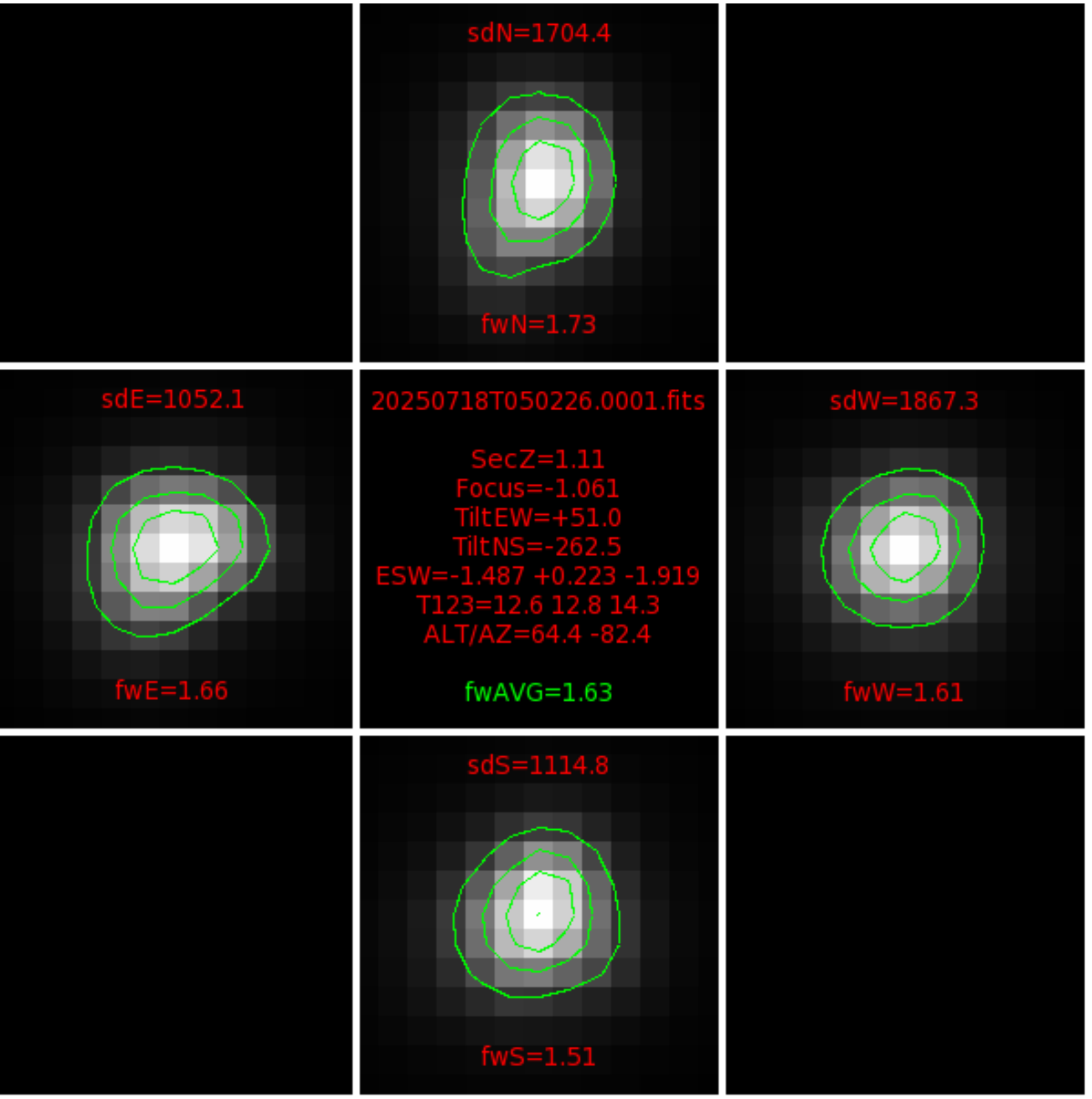
sdN=1704.4
fwN=1.73
sdE=1052.1
fwE=1.66
20250718T050226.0001.fits
SecZ=1.11
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.6 12.8 14.3
ALT/AZ=64.4 -82.4
fwAVG=1.63
sdW=1867.3
fwW=1.61
sdS=1114.8
fwS=1.51
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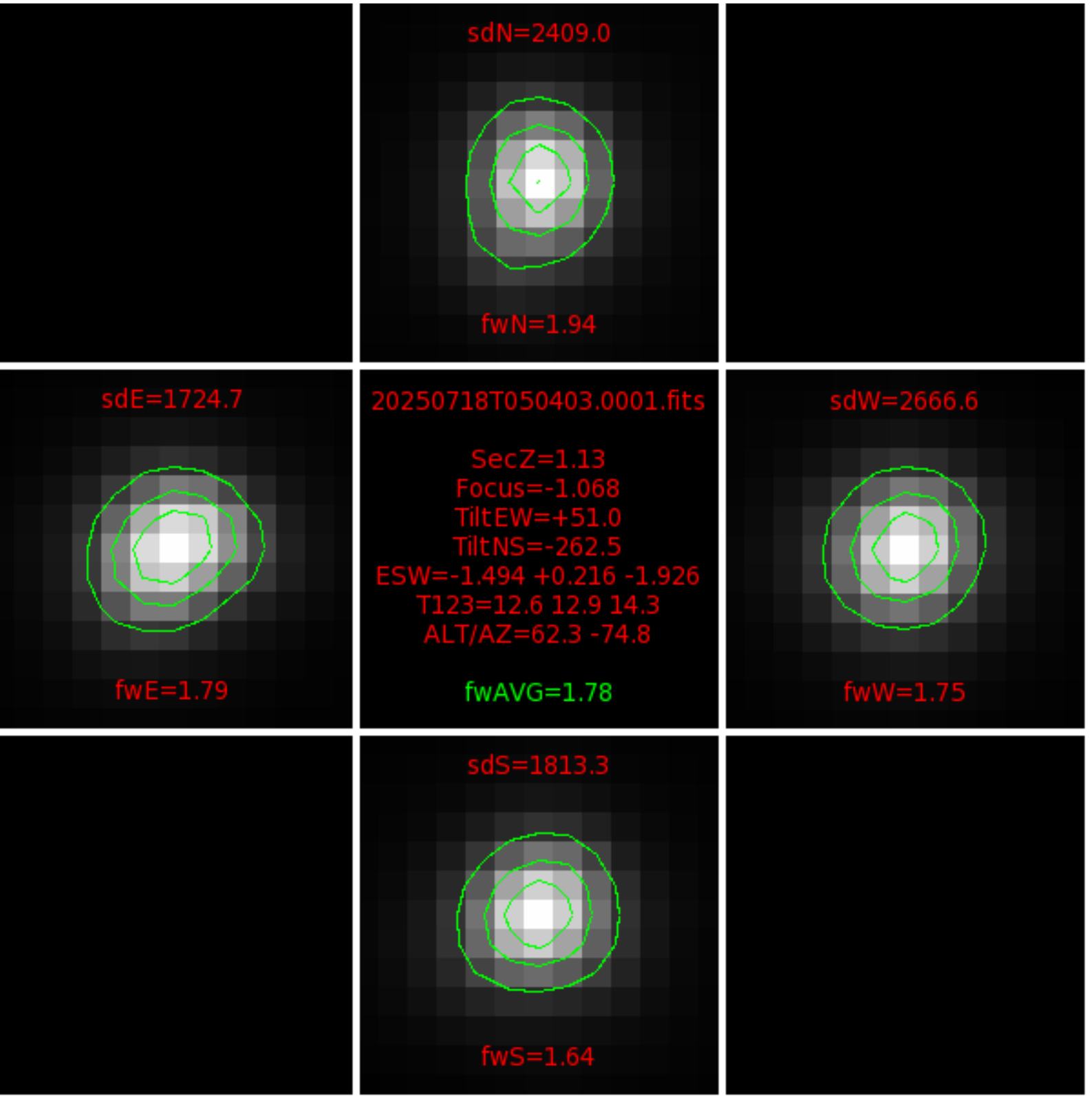
sdN=2409.0
fwN=1.94
sdE=1724.7
fwE=1.79
20250718T050403.0001.fits
SecZ=1.13
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.3
ALT/AZ=62.3 -74.8
fwAVG=1.78
sdW=2666.6
fwW=1.75
sdS=1813.3
fwS=1.64
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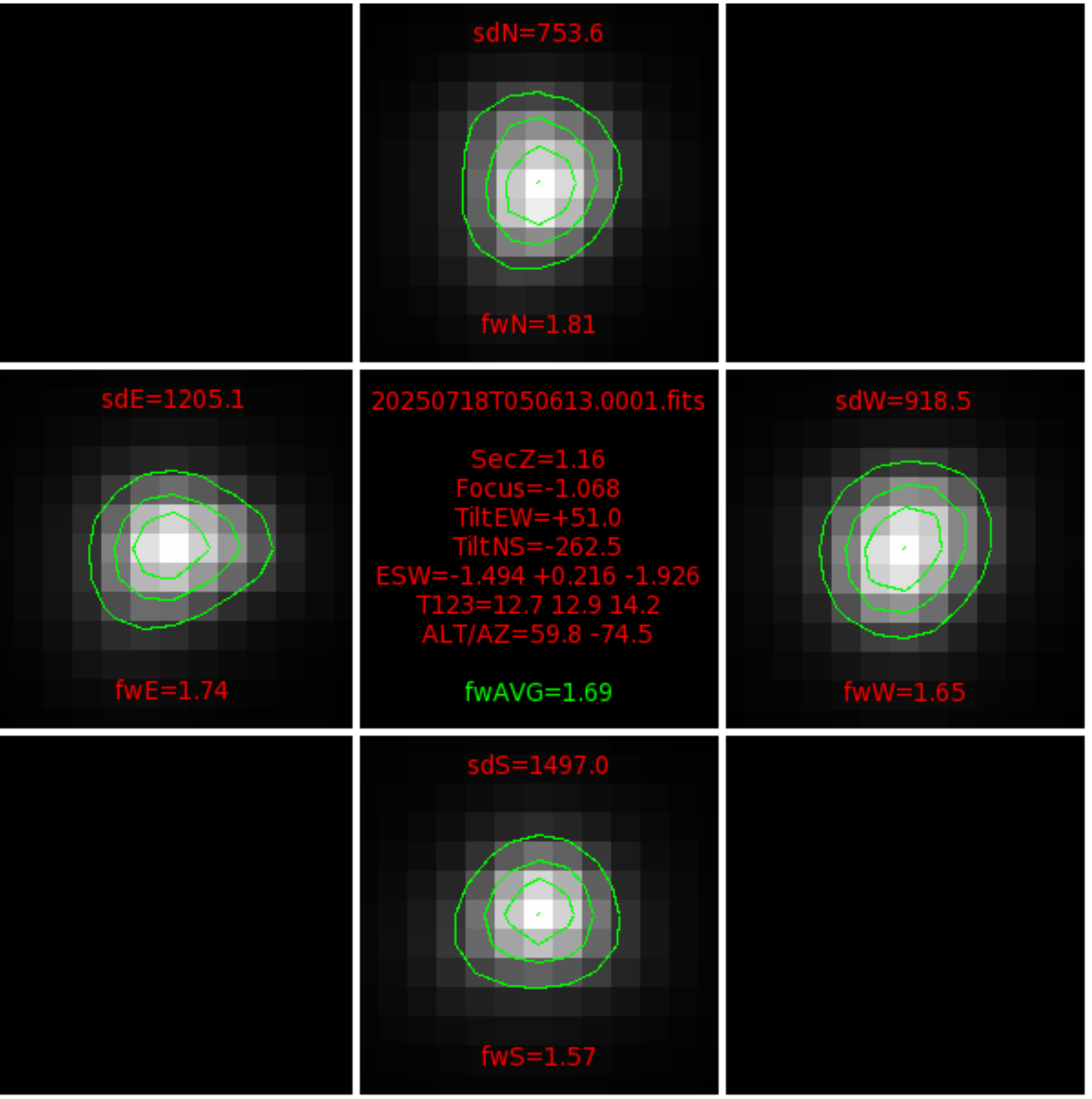
sdN=753.6
fwN=1.81
sdE=1205.1
fwE=1.74
20250718T050613.0001.fits
SecZ=1.16
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.9 14.2
ALT/AZ=59.8 -74.5
fwAVG=1.69
sdW=918.5
fwW=1.65
sdS=1497.0
fwS=1.57
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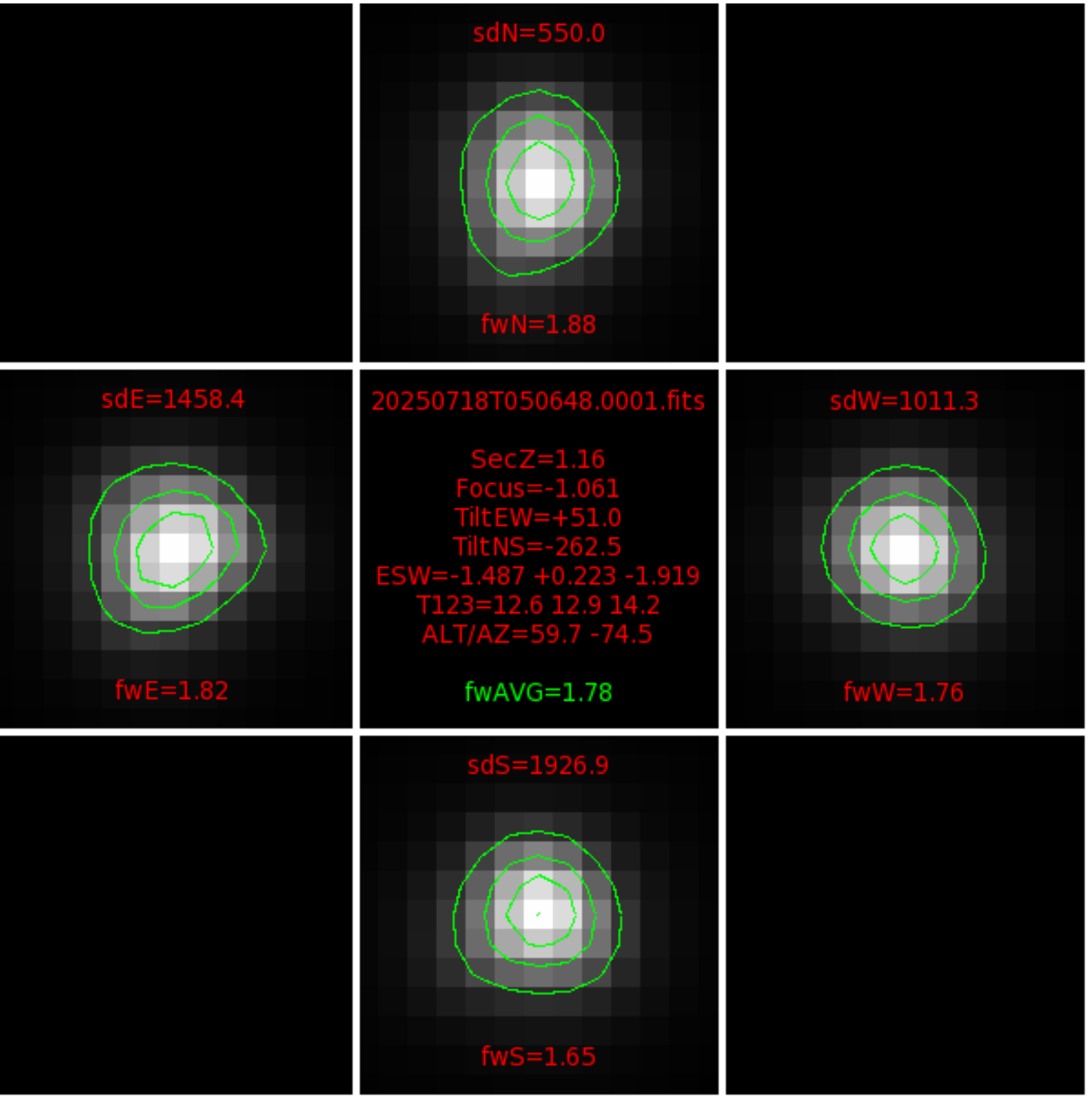
sdN=550.0
fwN=1.88
sdE=1458.4
fwE=1.82
20250718T050648.0001.fits
SecZ=1.16
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.6 12.9 14.2
ALT/AZ=59.7 -74.5
fwAVG=1.78
sdW=1011.3
fwW=1.76
sdS=1926.9
fwS=1.65
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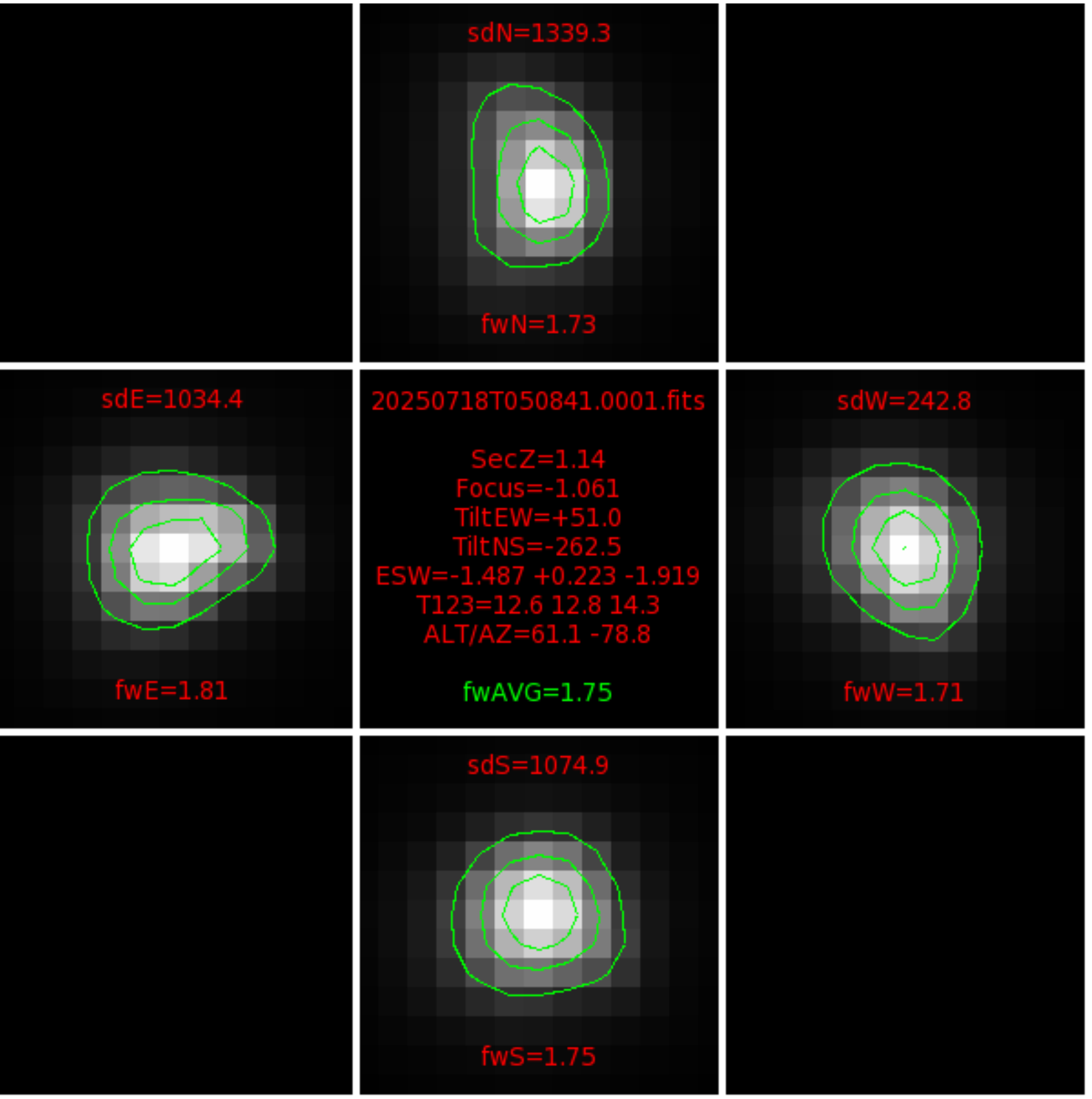
sdN=1339.3
fwN=1.73
sdE=1034.4
fwE=1.81
20250718T050841.0001.fits
SecZ=1.14
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.6 12.8 14.3
ALT/AZ=61.1 -78.8
fwAVG=1.75
sdW=242.8
fwW=1.71
sdS=1074.9
fwS=1.75
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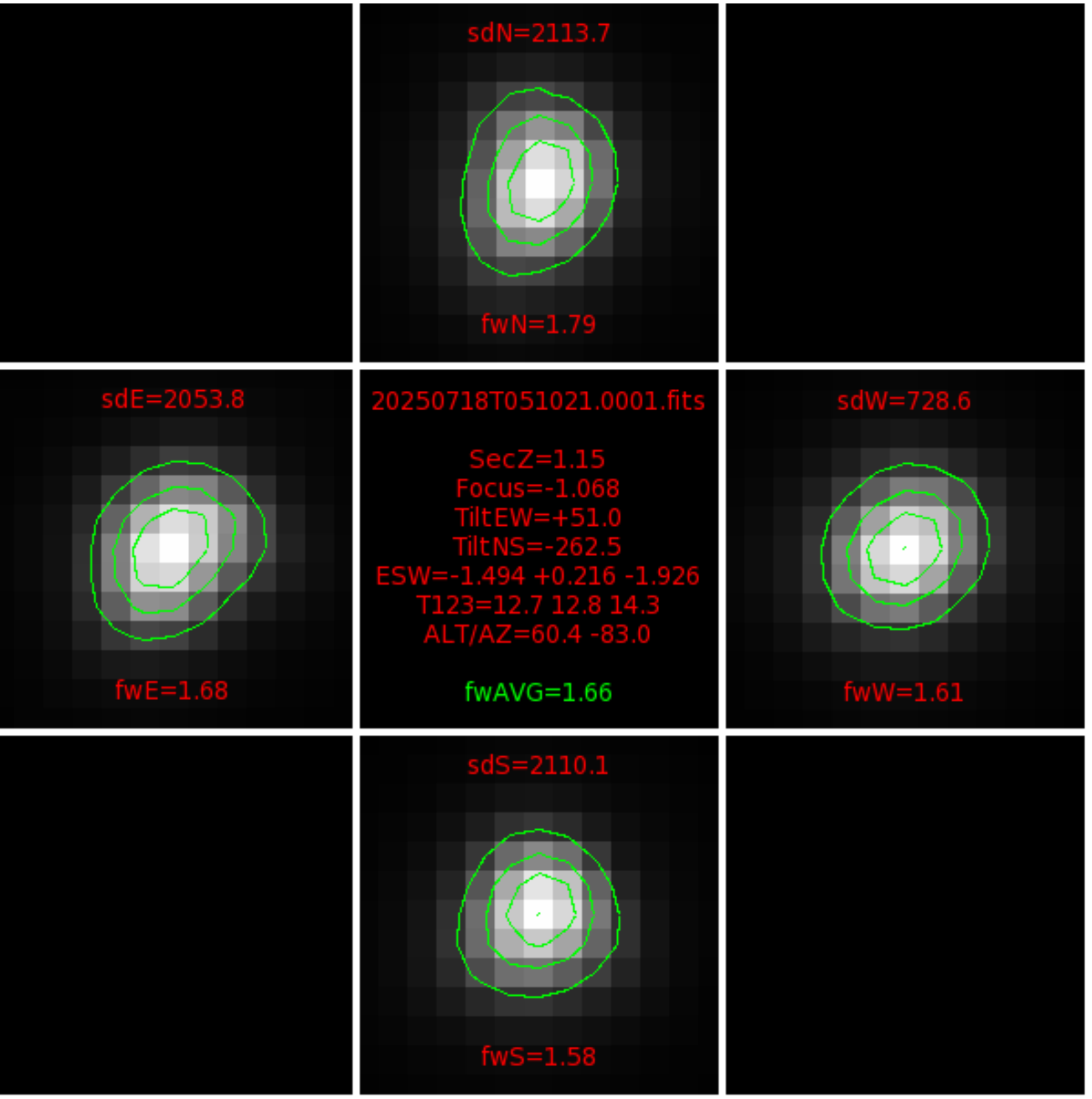
sdN=2113.7
fwN=1.79
sdE=2053.8
fwE=1.68
20250718T051021.0001.fits
SecZ=1.15
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.8 14.3
ALT/AZ=60.4 -83.0
fwAVG=1.66
sdW=728.6
fwW=1.61
sdS=2110.1
fwS=1.58
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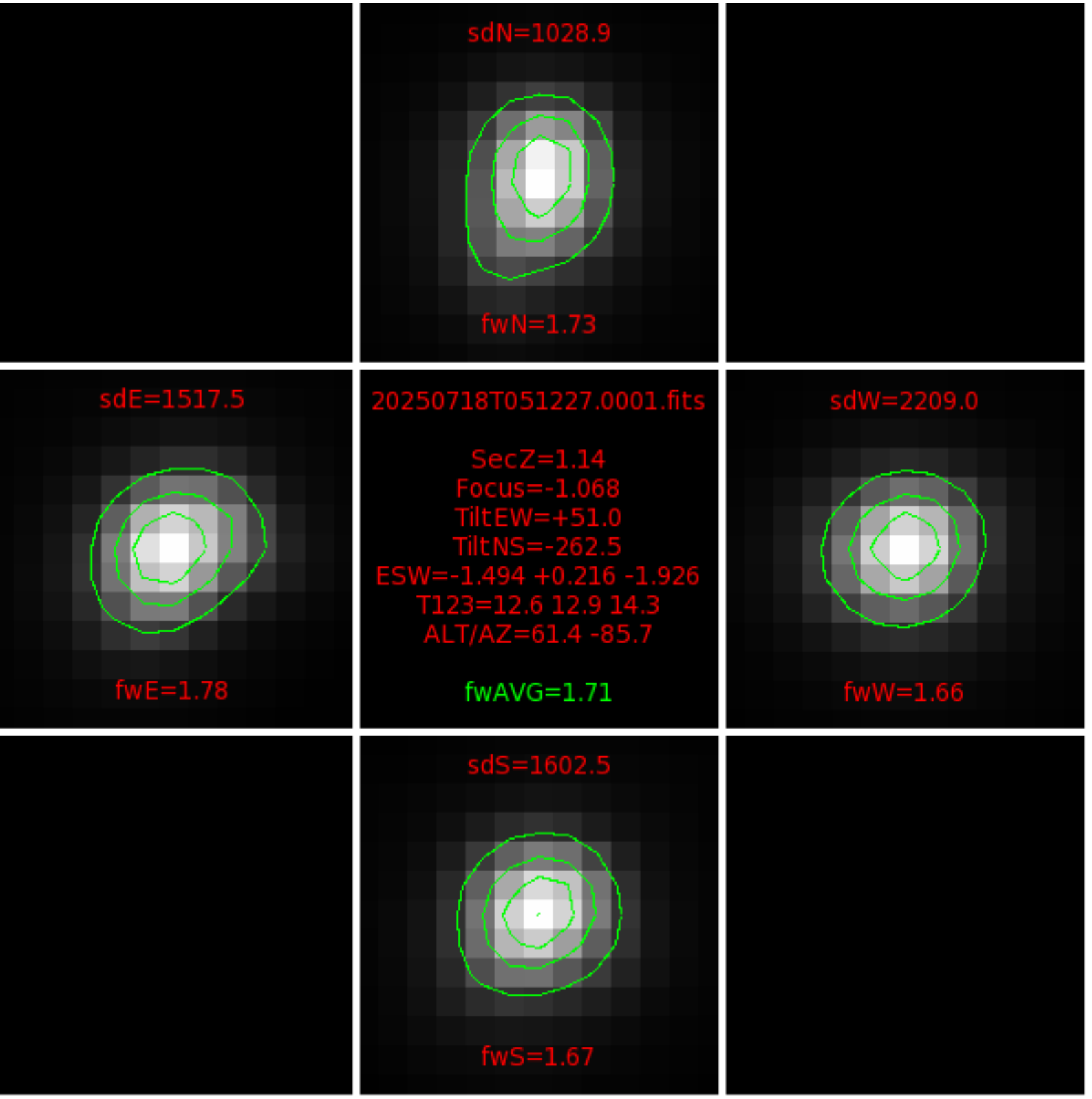
sdN=1028.9
fwN=1.73
sdE=1517.5
fwE=1.78
20250718T051227.0001.fits
SecZ=1.14
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.3
ALT/AZ=61.4 -85.7
fwAVG=1.71
sdW=2209.0
fwW=1.66
sdS=1602.5
fwS=1.67
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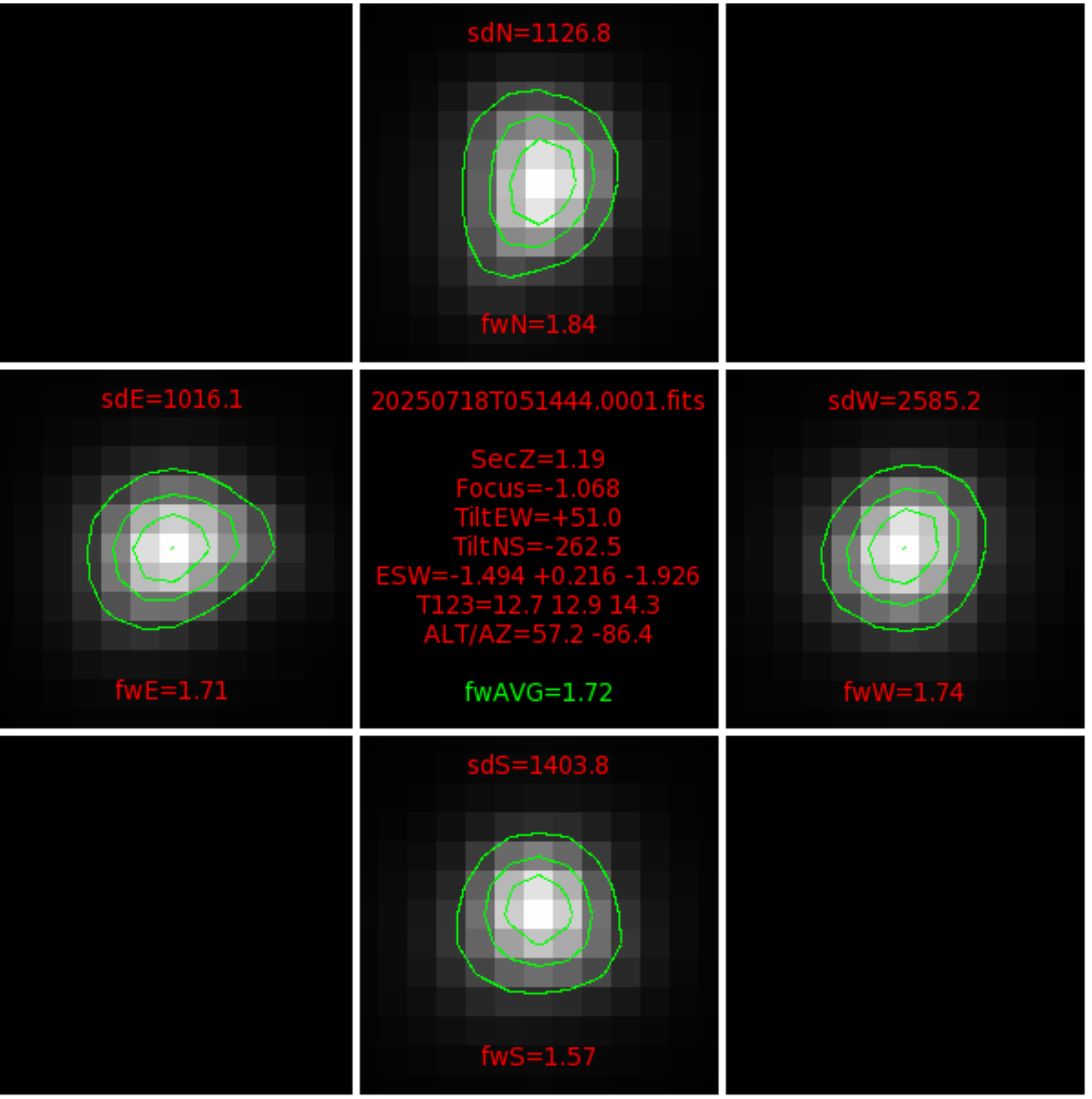
sdN=1126.8
fwN=1.84
sdE=1016.1
fwE=1.71
20250718T051444.0001.fits
SecZ=1.19
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.9 14.3
ALT/AZ=57.2 -86.4
fwAVG=1.72
sdW=2585.2
fwW=1.74
sdS=1403.8
fwS=1.57
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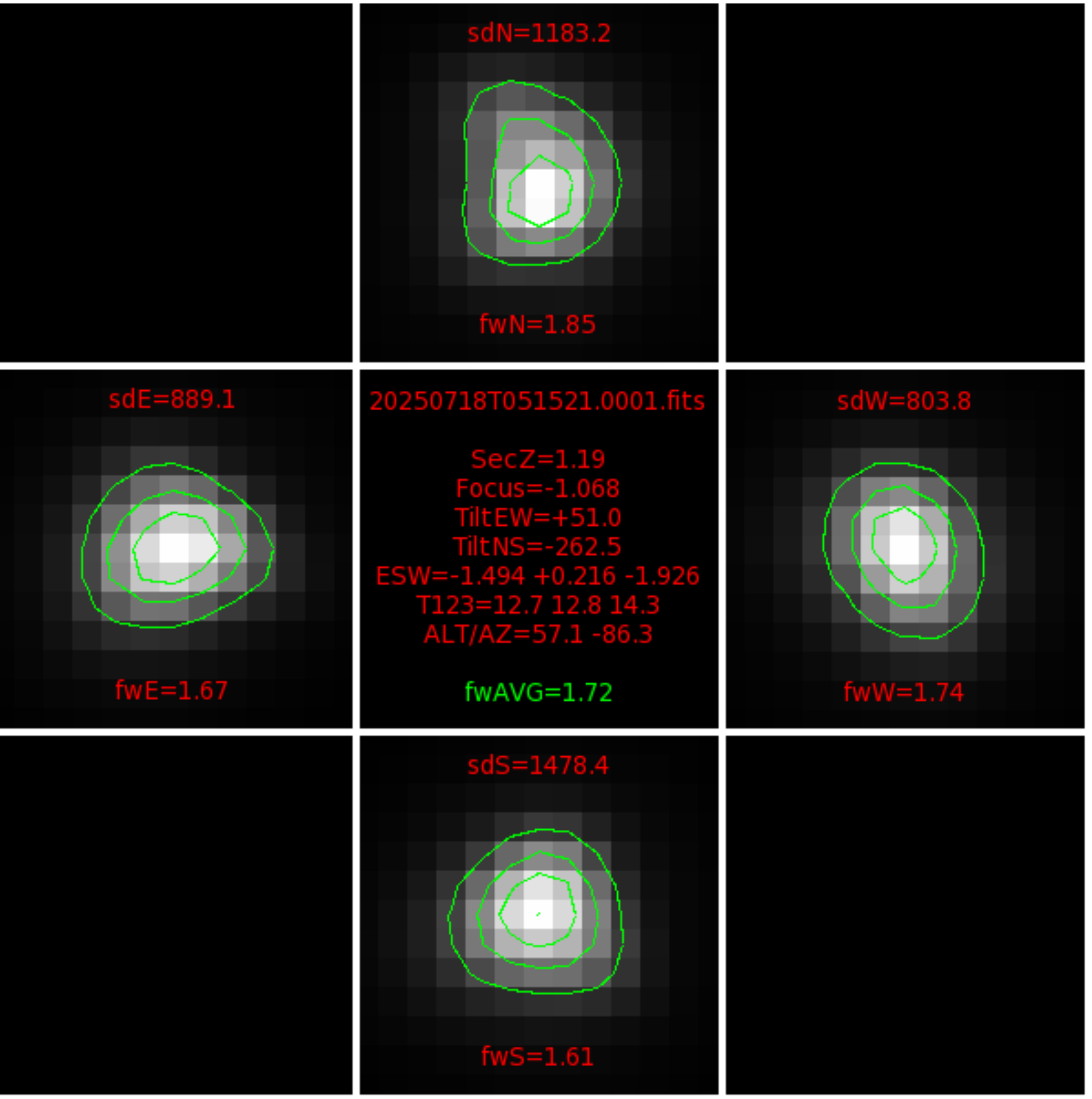
sdN=1183.2
fwN=1.85
sdE=889.1
fwE=1.67
20250718T051521.0001.fits
SecZ=1.19
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.8 14.3
ALT/AZ=57.1 -86.3
fwAVG=1.72
sdW=803.8
fwW=1.74
sdS=1478.4
fwS=1.61
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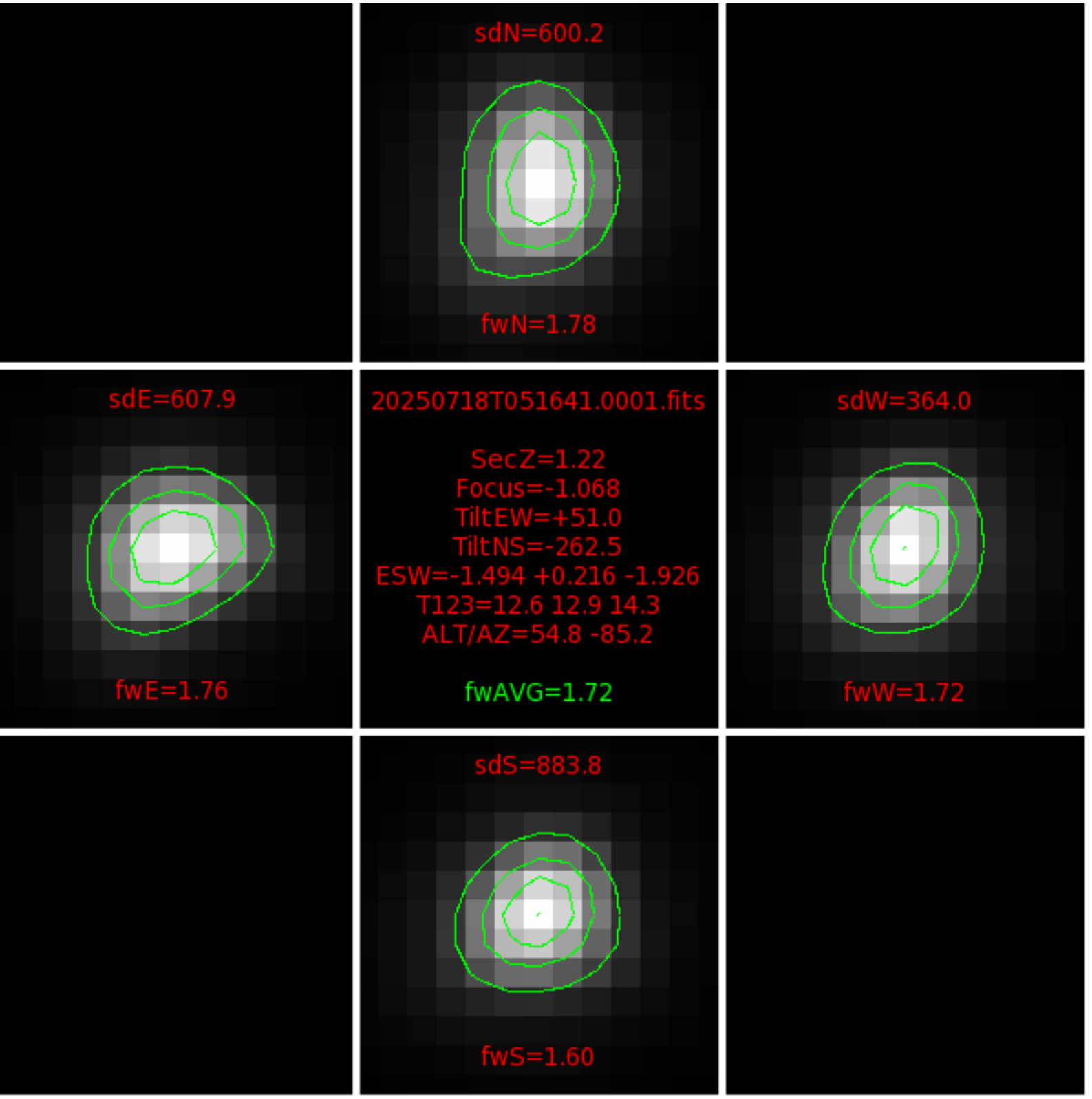
sdN=600.2
fwN=1.78
sdE=607.9
fwE=1.76
20250718T051641.0001.fits
SecZ=1.22
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.6 12.9 14.3
ALT/AZ=54.8 -85.2
fwAVG=1.72
sdW=364.0
fwW=1.72
sdS=883.8
fwS=1.60
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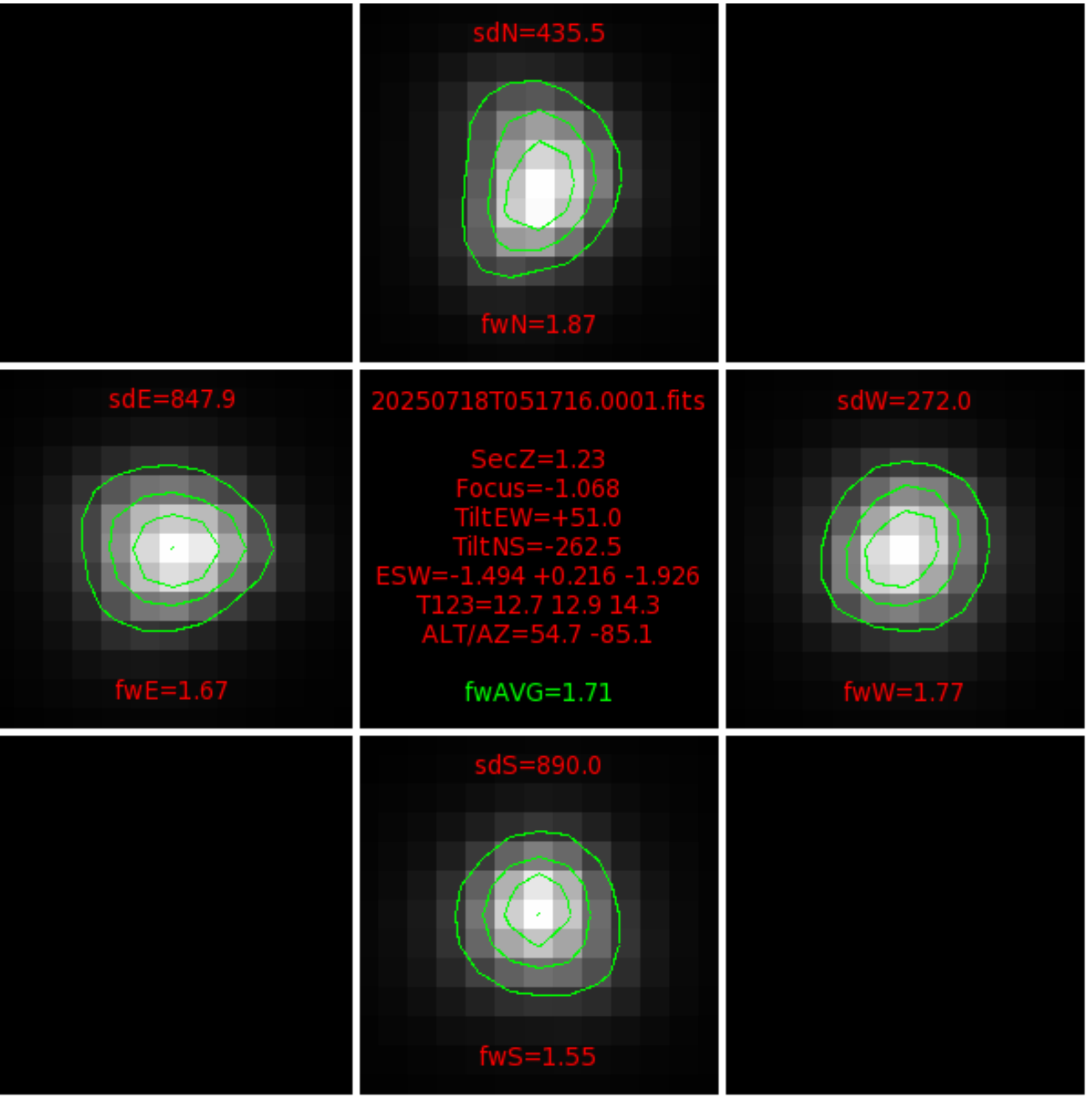
sdN=435.5
fwN=1.87
sdE=847.9
fwE=1.67
20250718T051716.0001.fits
SecZ=1.23
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.9 14.3
ALT/AZ=54.7 -85.1
fwAVG=1.71
sdW=272.0
fwW=1.77
sdS=890.0
fwS=1.55
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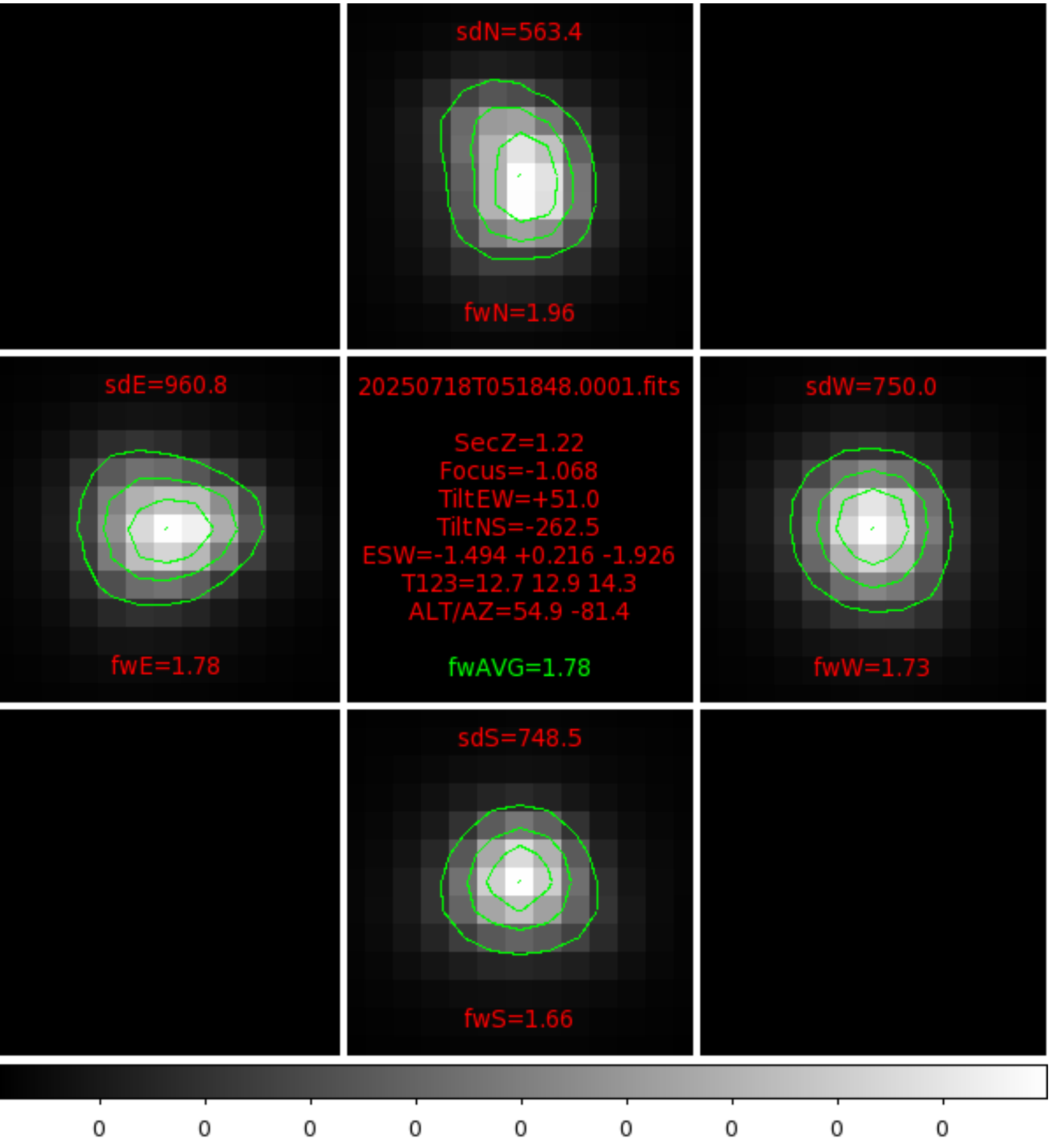
sdN=563.4
fwN=1.96
sdE=960.8
fwE=1.78
20250718T051848.0001.fits
SecZ=1.22
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.9 14.3
ALT/AZ=54.9 -81.4
fwAVG=1.78
sdW=750.0
fwW=1.73
sdS=748.5
fwS=1.66
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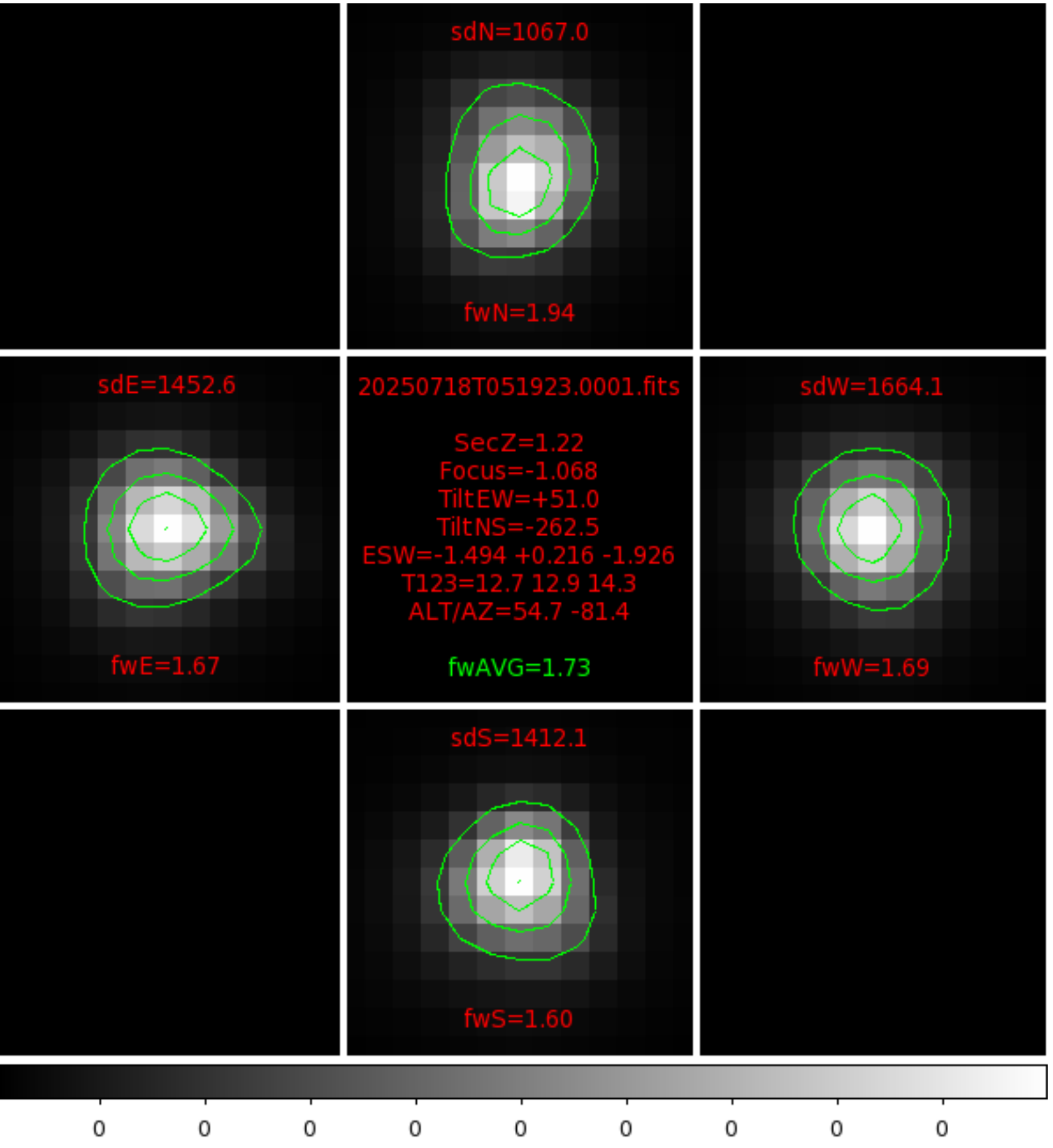
sdN=1067.0
fwN=1.94
sdE=1452.6
fwE=1.67
20250718T051923.0001.fits
SecZ=1.22
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.9 14.3
ALT/AZ=54.7 -81.4
fwAVG=1.73
sdW=1664.1
fwW=1.69
sdS=1412.1
fwS=1.60
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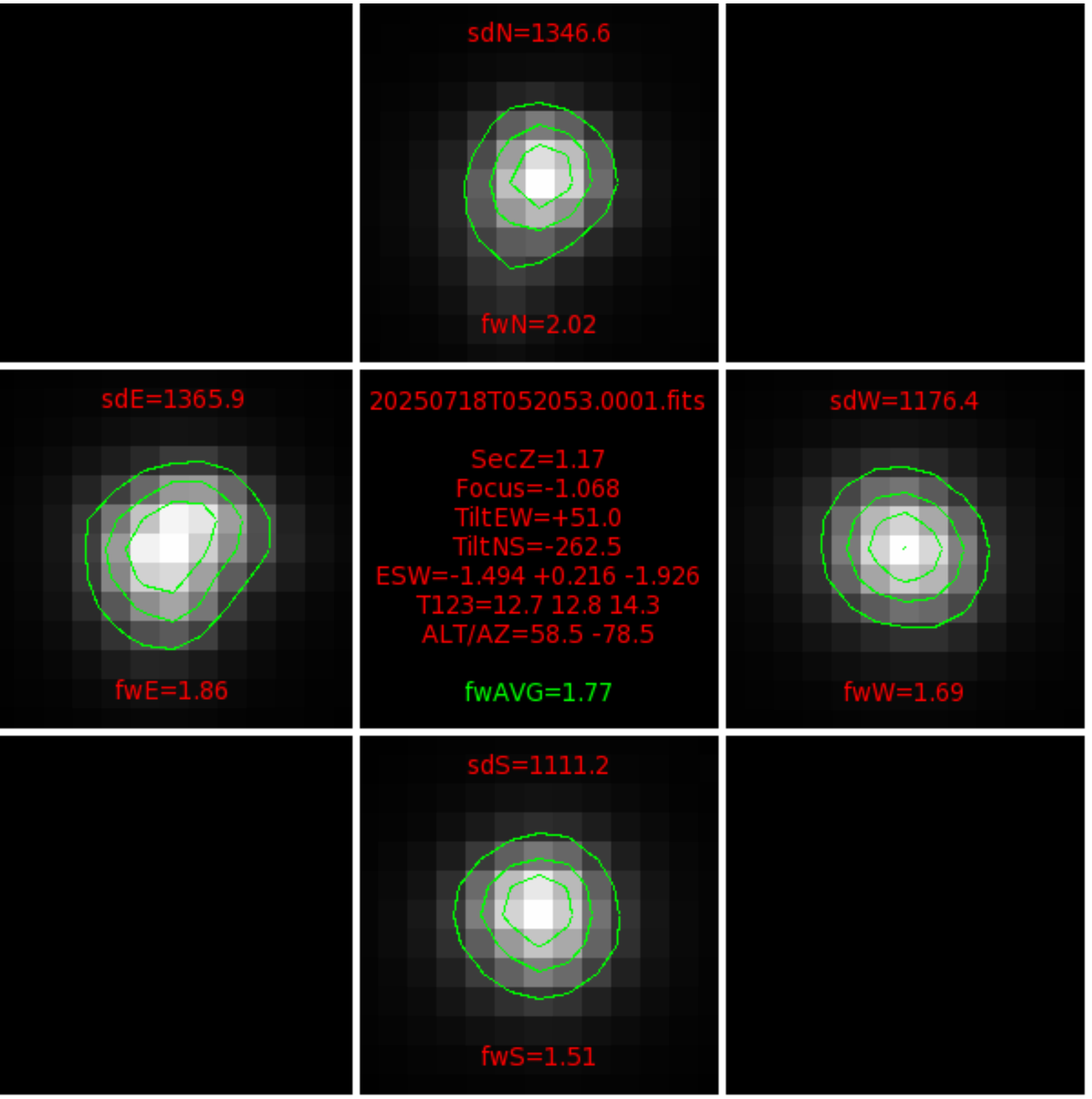
sdN=1346.6
fwN=2.02
sdE=1365.9
fwE=1.86
20250718T052053.0001.fits
SecZ=1.17
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.8 14.3
ALT/AZ=58.5 -78.5
fwAVG=1.77
sdW=1176.4
fwW=1.69
sdS=1111.2
fwS=1.51
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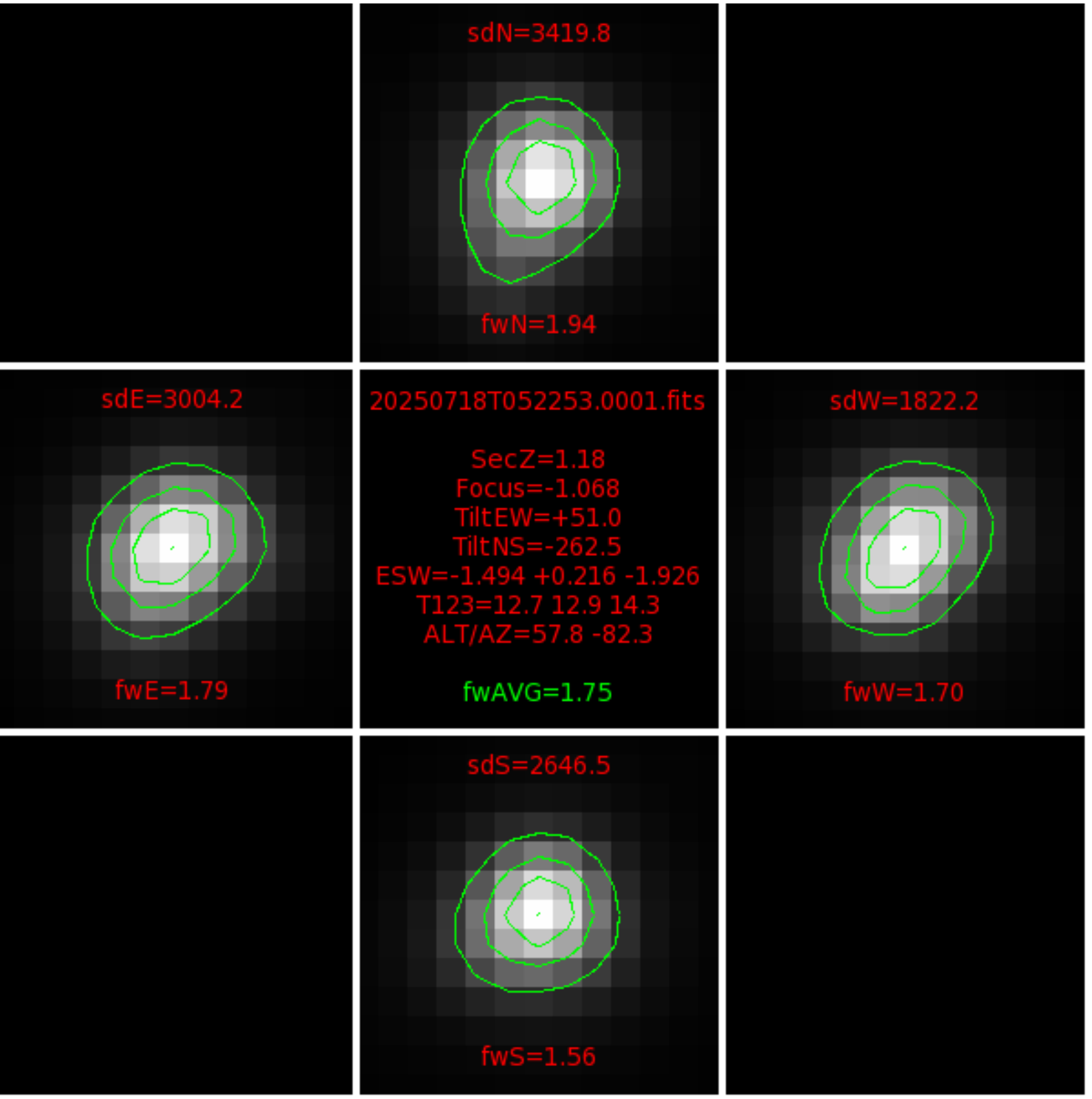
sdN=3419.8
fwN=1.94
sdE=3004.2
fwE=1.79
20250718T052253.0001.fits
SecZ=1.18
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.9 14.3
ALT/AZ=57.8 -82.3
fwAVG=1.75
sdW=1822.2
fwW=1.70
sdS=2646.5
fwS=1.56
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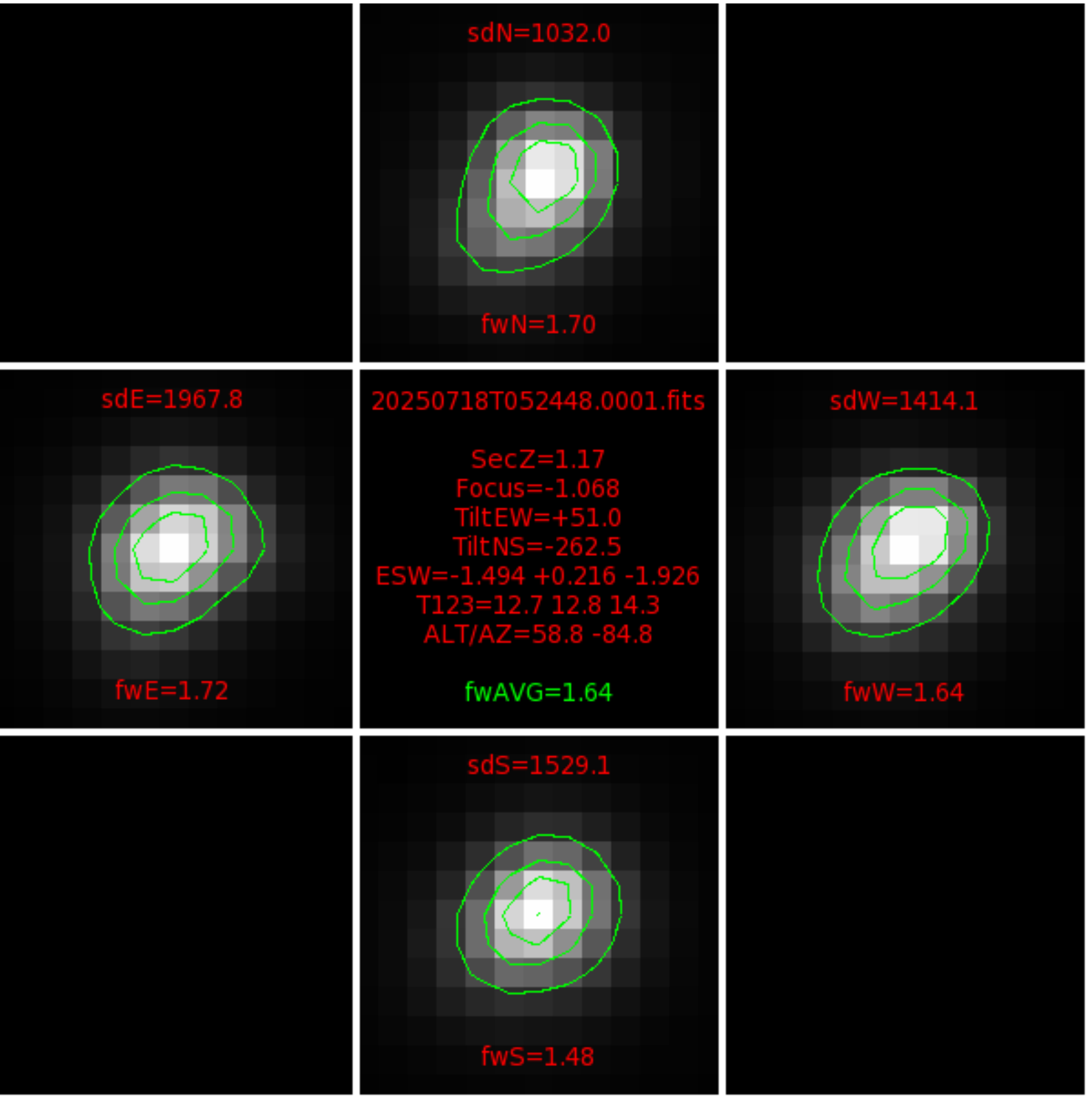
sdN=1032.0
fwN=1.70
sdE=1967.8
fwE=1.72
20250718T052448.0001.fits
SecZ=1.17
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.8 14.3
ALT/AZ=58.8 -84.8
fwAVG=1.64
sdW=1414.1
fwW=1.64
sdS=1529.1
fwS=1.48
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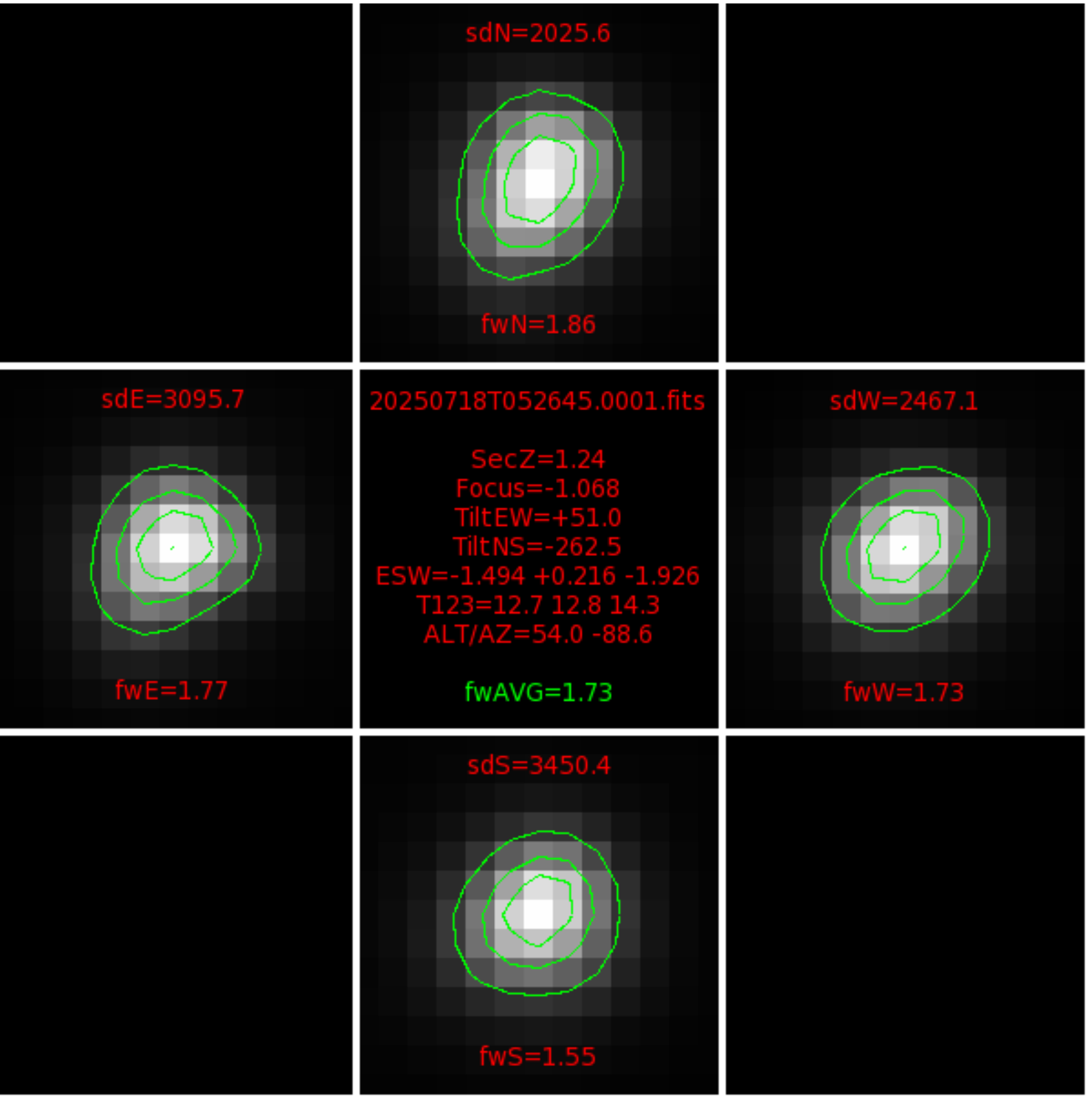
sdN=2025.6
fwN=1.86
sdE=3095.7
fwE=1.77
20250718T052645.0001.fits
SecZ=1.24
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.8 14.3
ALT/AZ=54.0 -88.6
fwAVG=1.73
sdW=2467.1
fwW=1.73
sdS=3450.4
fwS=1.55
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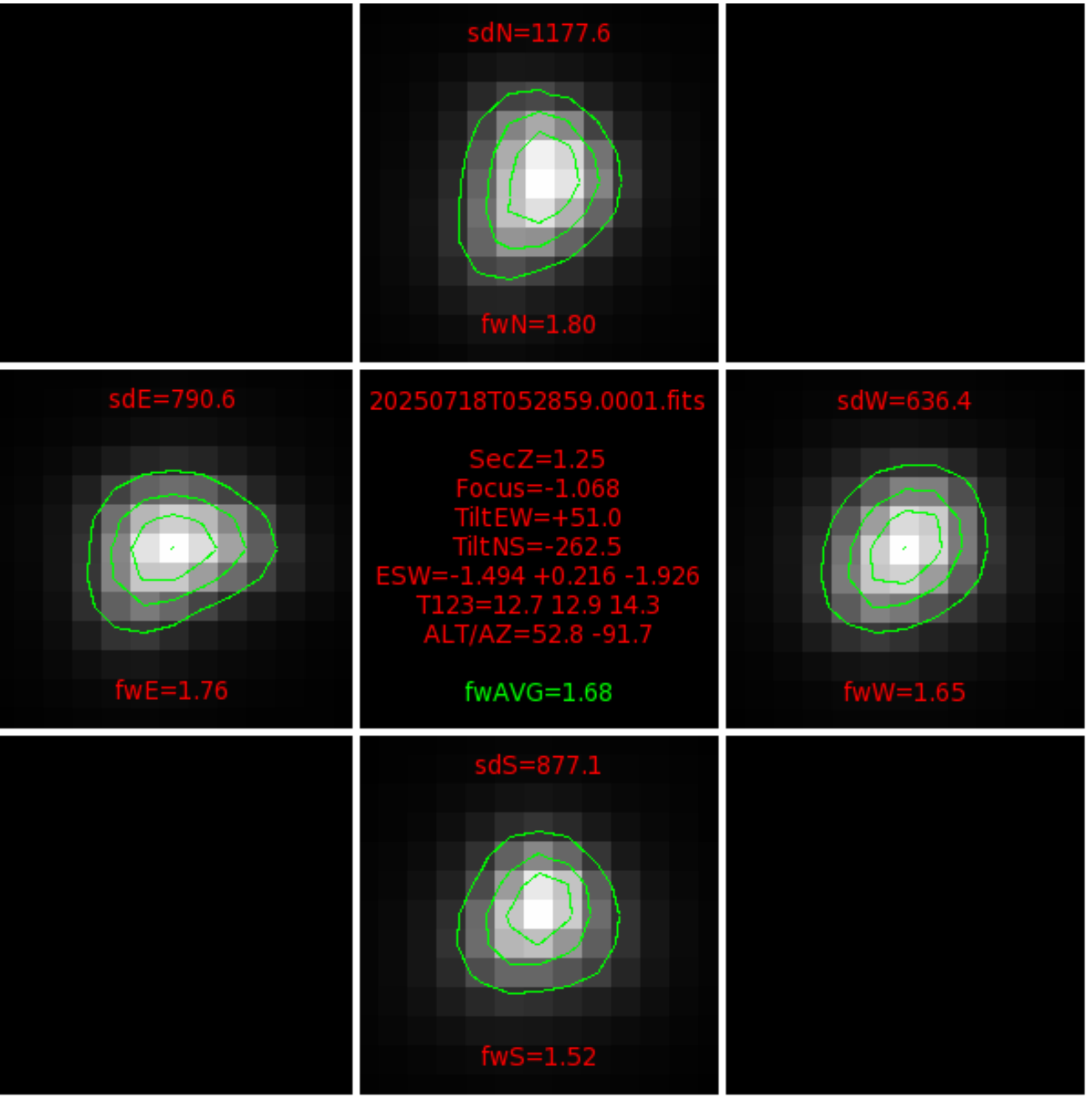
sdN=1177.6
fwN=1.80
sdE=790.6
fwE=1.76
20250718T052859.0001.fits
SecZ=1.25
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.9 14.3
ALT/AZ=52.8 -91.7
fwAVG=1.68
sdW=636.4
fwW=1.65
sdS=877.1
fwS=1.52
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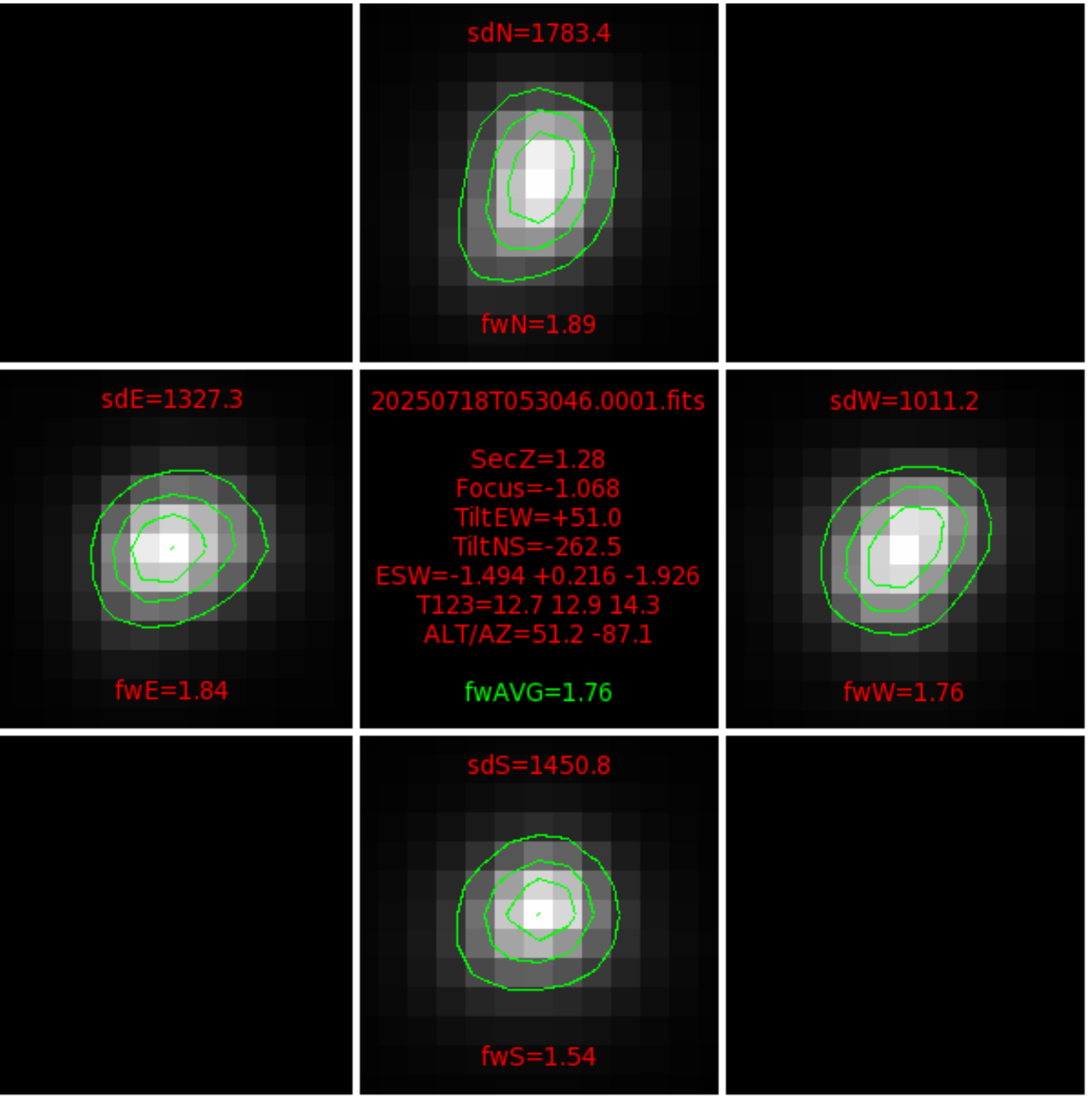
sdN=1783.4
fwN=1.89
sdE=1327.3
fwE=1.84
20250718T053046.0001.fits
SecZ=1.28
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.9 14.3
ALT/AZ=51.2 -87.1
fwAVG=1.76
sdW=1011.2
fwW=1.76
sdS=1450.8
fwS=1.54
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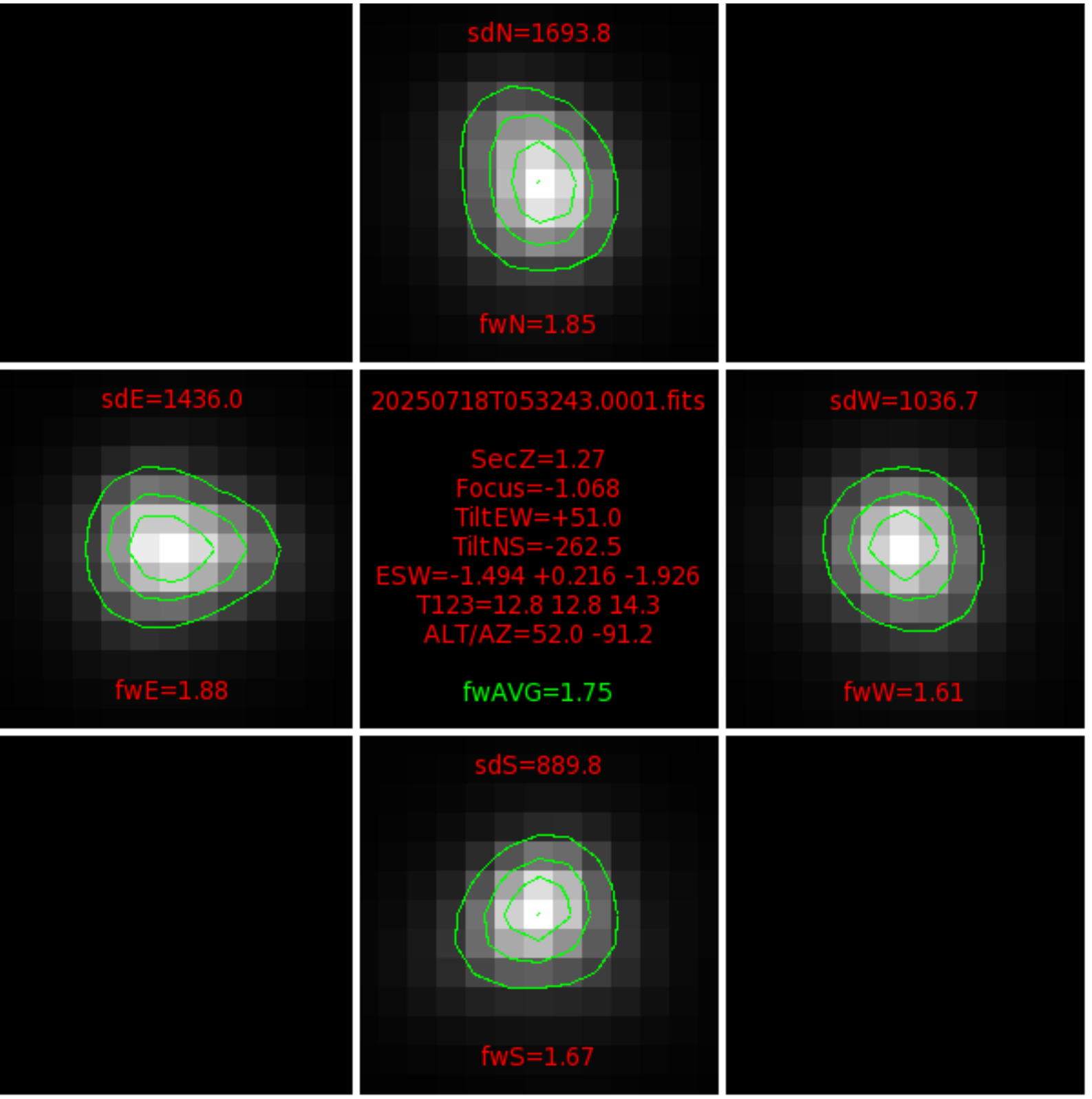
sdN=1693.8
fwN=1.85
sdE=1436.0
fwE=1.88
20250718T053243.0001.fits
SecZ=1.27
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.3
ALT/AZ=52.0 -91.2
fwAVG=1.75
sdW=1036.7
fwW=1.61
sdS=889.8
fwS=1.67
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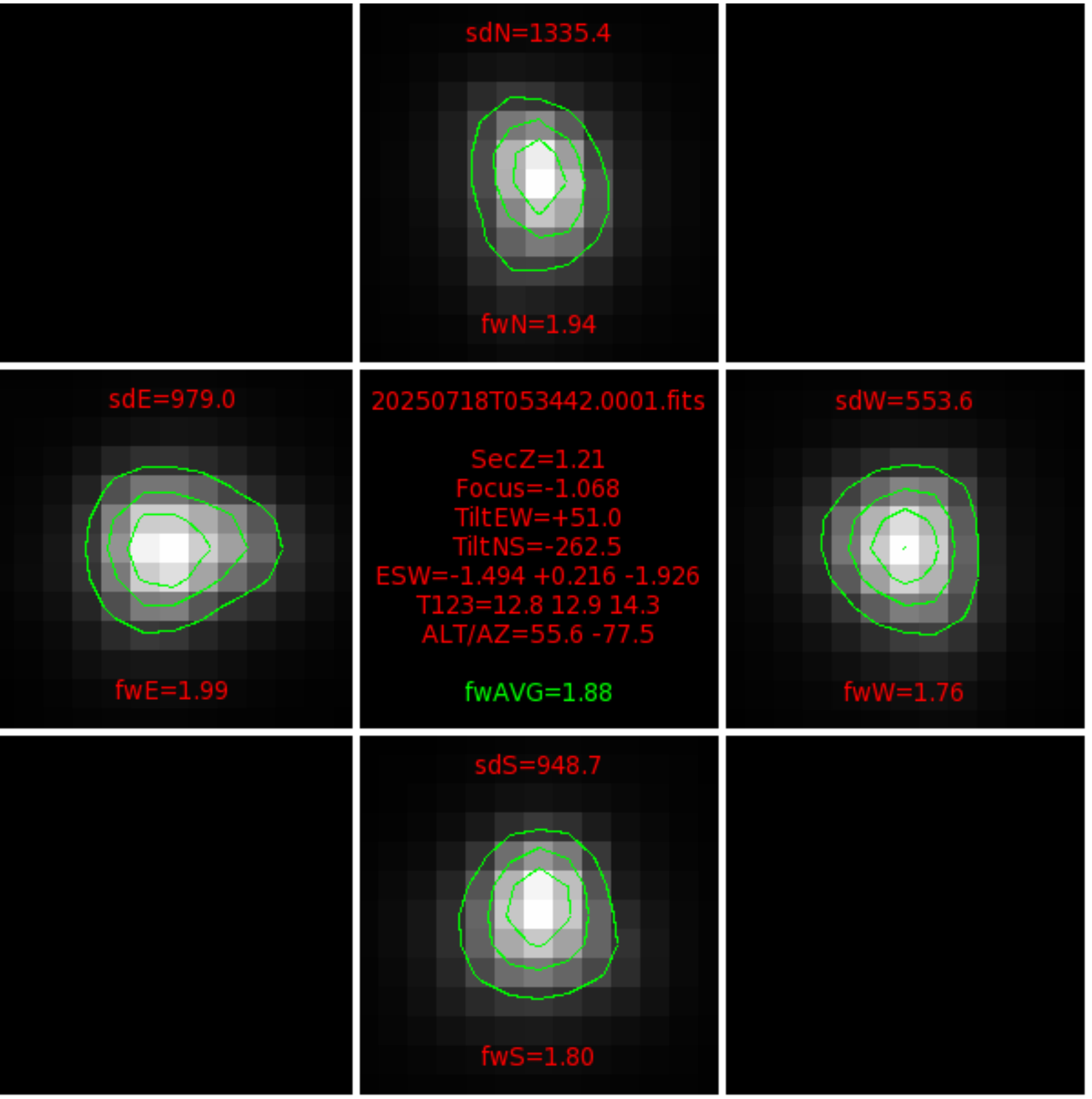
sdN=1335.4
fwN=1.94
sdE=979.0
fwE=1.99
20250718T053442.0001.fits
SecZ=1.21
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.9 14.3
ALT/AZ=55.6 -77.5
fwAVG=1.88
sdW=553.6
fwW=1.76
sdS=948.7
fwS=1.80
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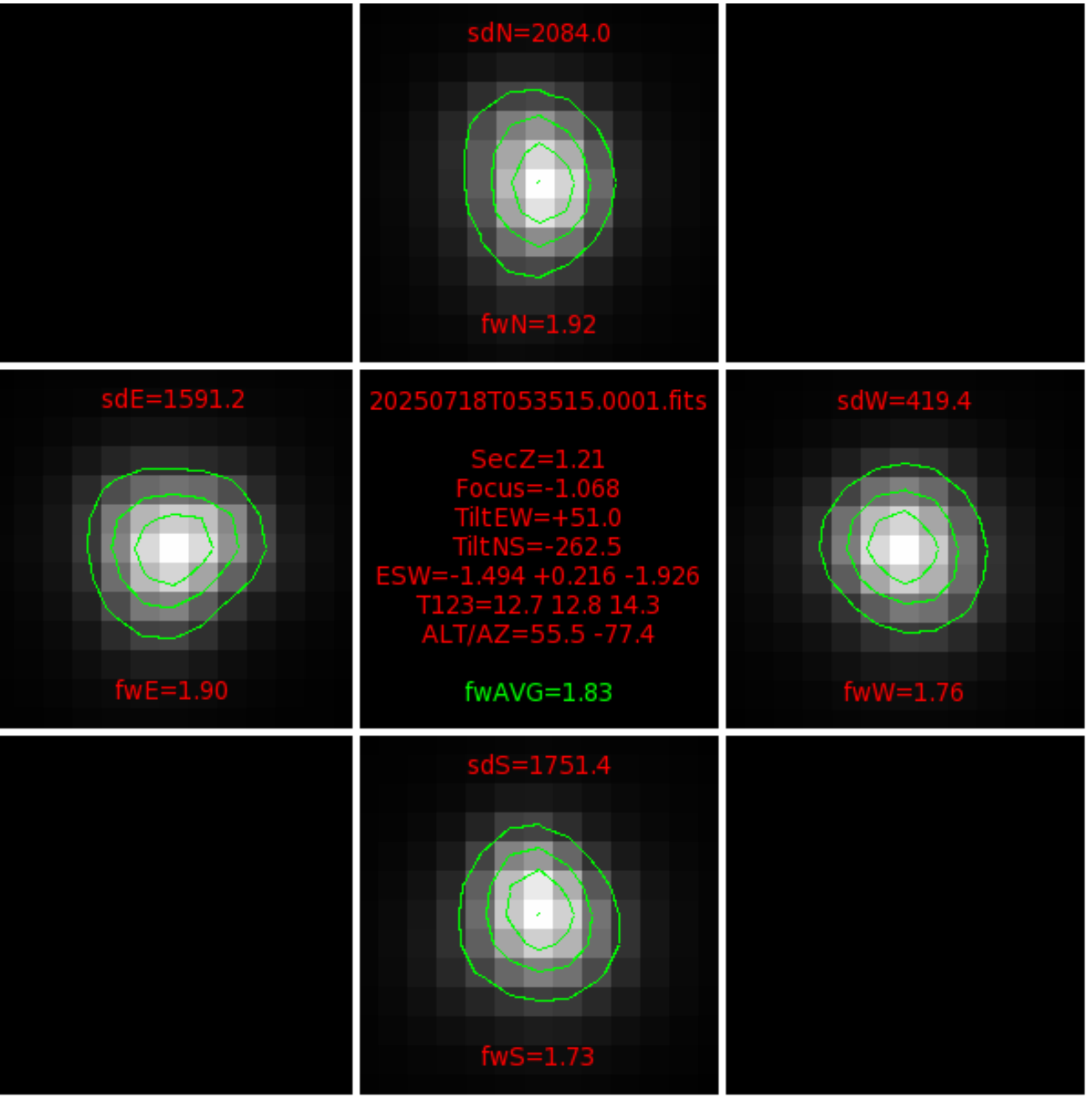
sdN=2084.0
fwN=1.92
sdE=1591.2
fwE=1.90
20250718T053515.0001.fits
SecZ=1.21
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.8 14.3
ALT/AZ=55.5 -77.4
fwAVG=1.83
sdW=419.4
fwW=1.76
sdS=1751.4
fwS=1.73
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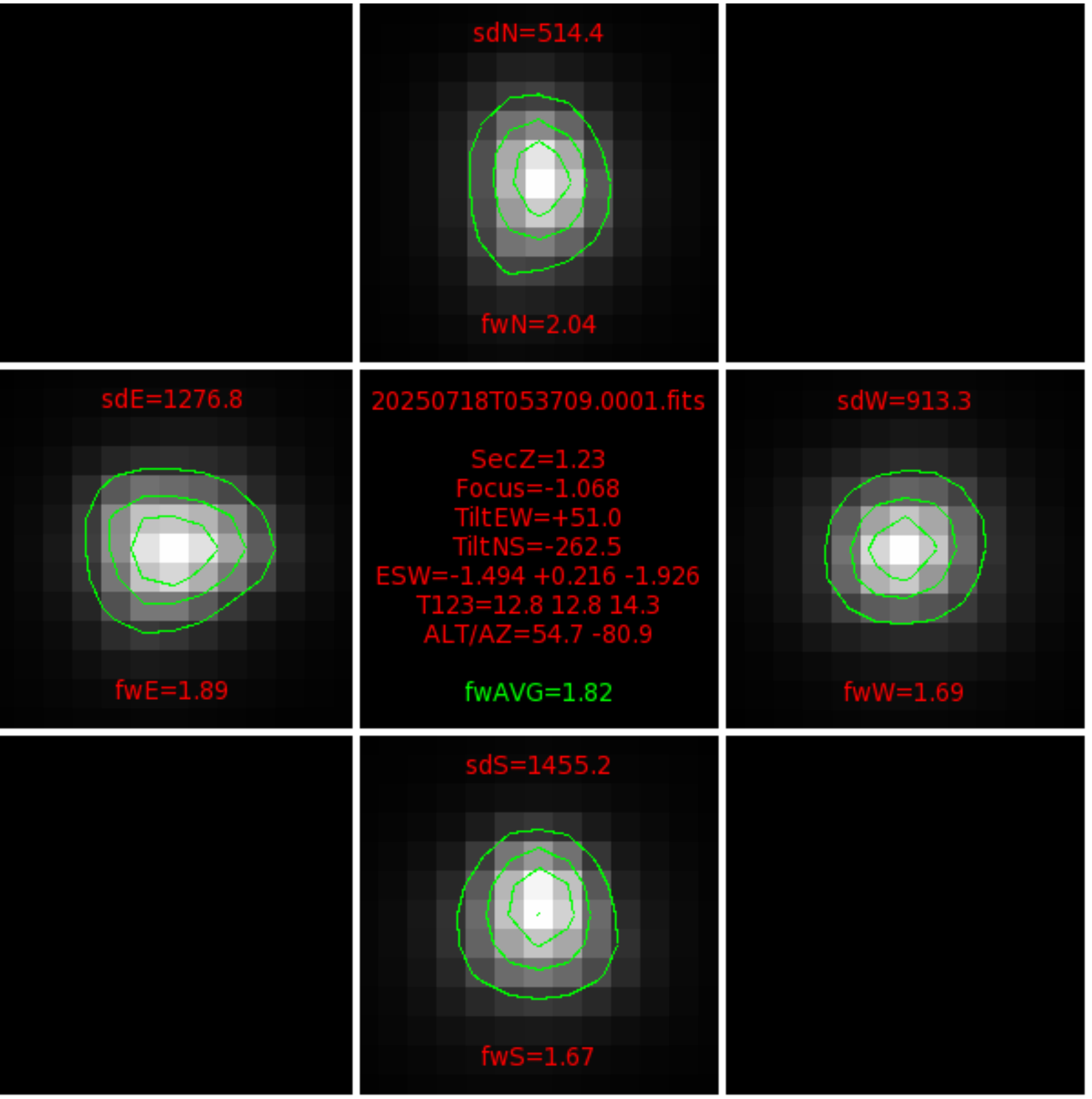
sdN=514.4
fwN=2.04
sdE=1276.8
fwE=1.89
20250718T053709.0001.fits
SecZ=1.23
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.3
ALT/AZ=54.7 -80.9
fwAVG=1.82
sdW=913.3
fwW=1.69
sdS=1455.2
fwS=1.67
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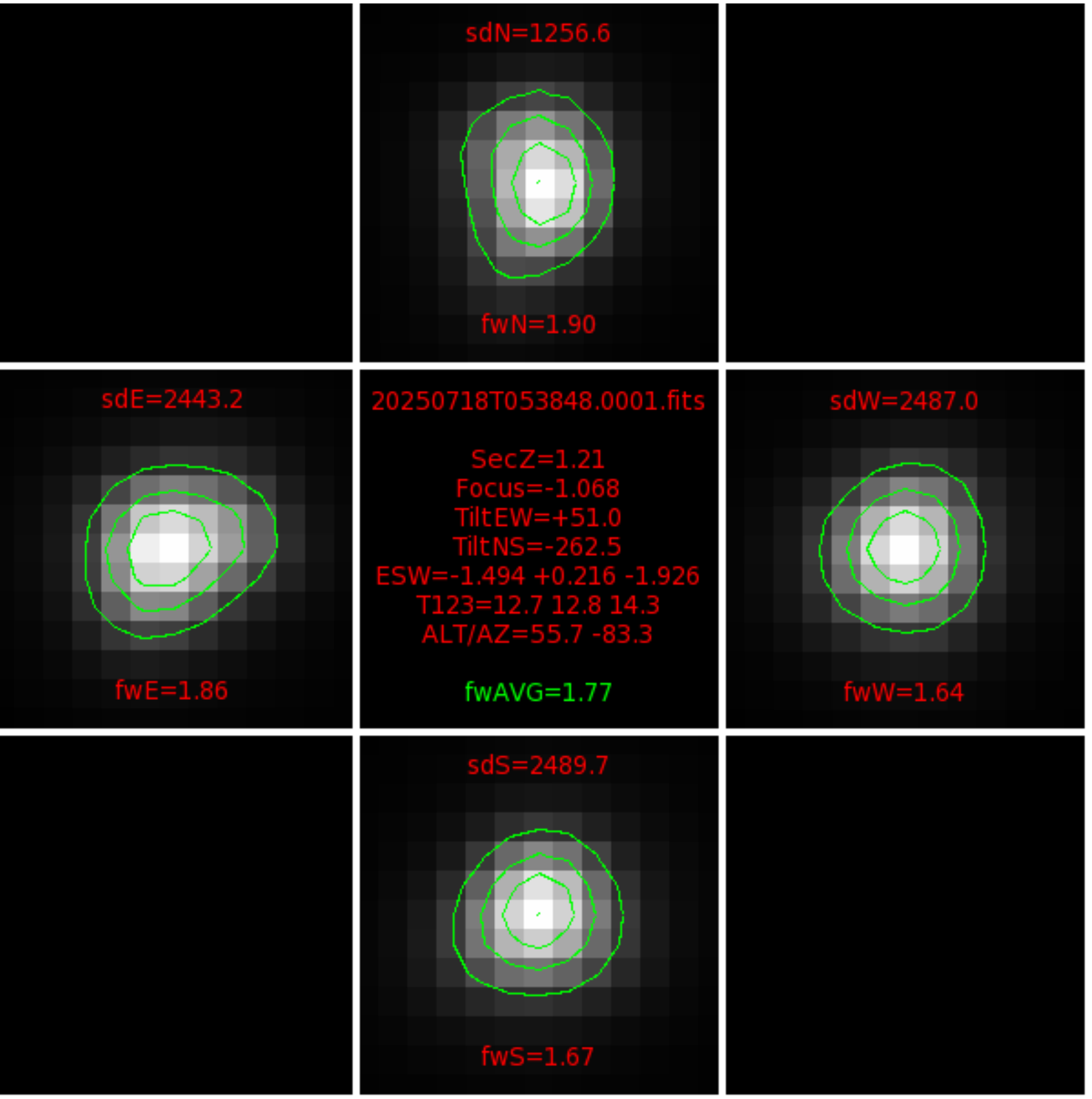
sdN=1256.6
fwN=1.90
sdE=2443.2
fwE=1.86
20250718T053848.0001.fits
SecZ=1.21
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.8 14.3
ALT/AZ=55.7 -83.3
fwAVG=1.77
sdW=2487.0
fwW=1.64
sdS=2489.7
fwS=1.67
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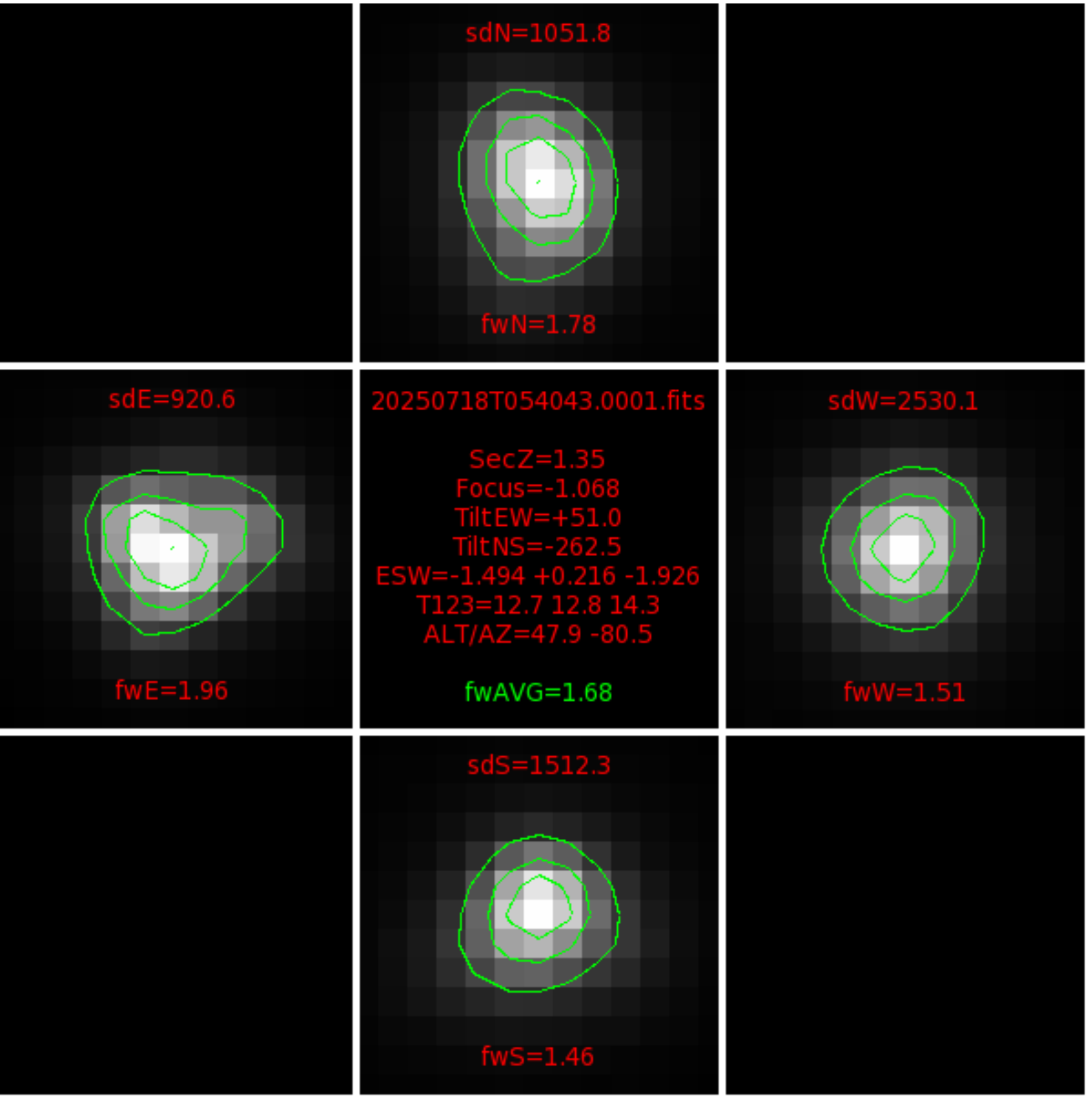
sdN=1051.8
fwN=1.78
sdE=920.6
fwE=1.96
20250718T054043.0001.fits
SecZ=1.35
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.8 14.3
ALT/AZ=47.9 -80.5
fwAVG=1.68
sdW=2530.1
fwW=1.51
sdS=1512.3
fwS=1.46
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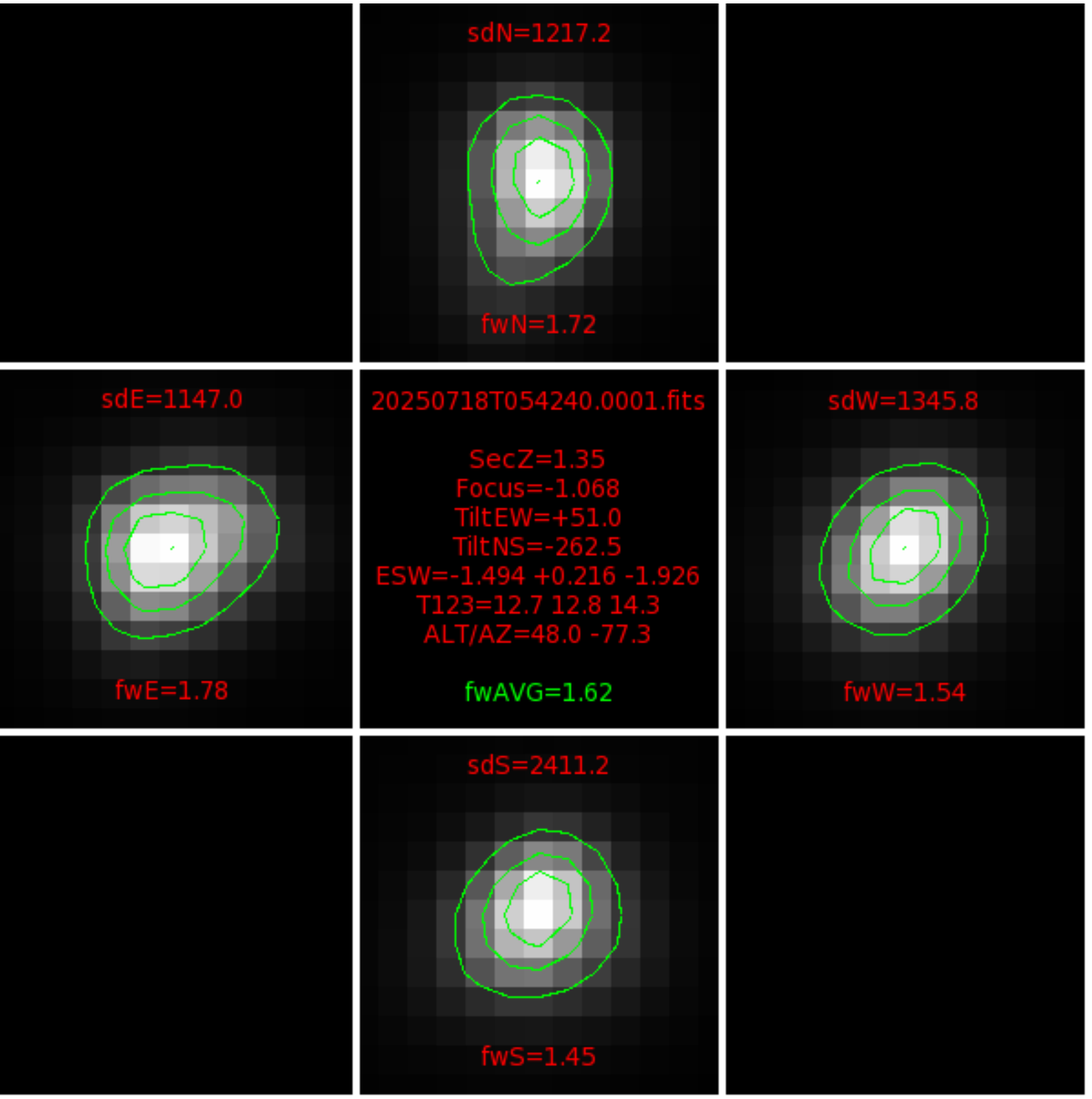
sdN=1217.2
fwN=1.72
sdE=1147.0
fwE=1.78
20250718T054240.0001.fits
SecZ=1.35
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.8 14.3
ALT/AZ=48.0 -77.3
fwAVG=1.62
sdW=1345.8
fwW=1.54
sdS=2411.2
fwS=1.45
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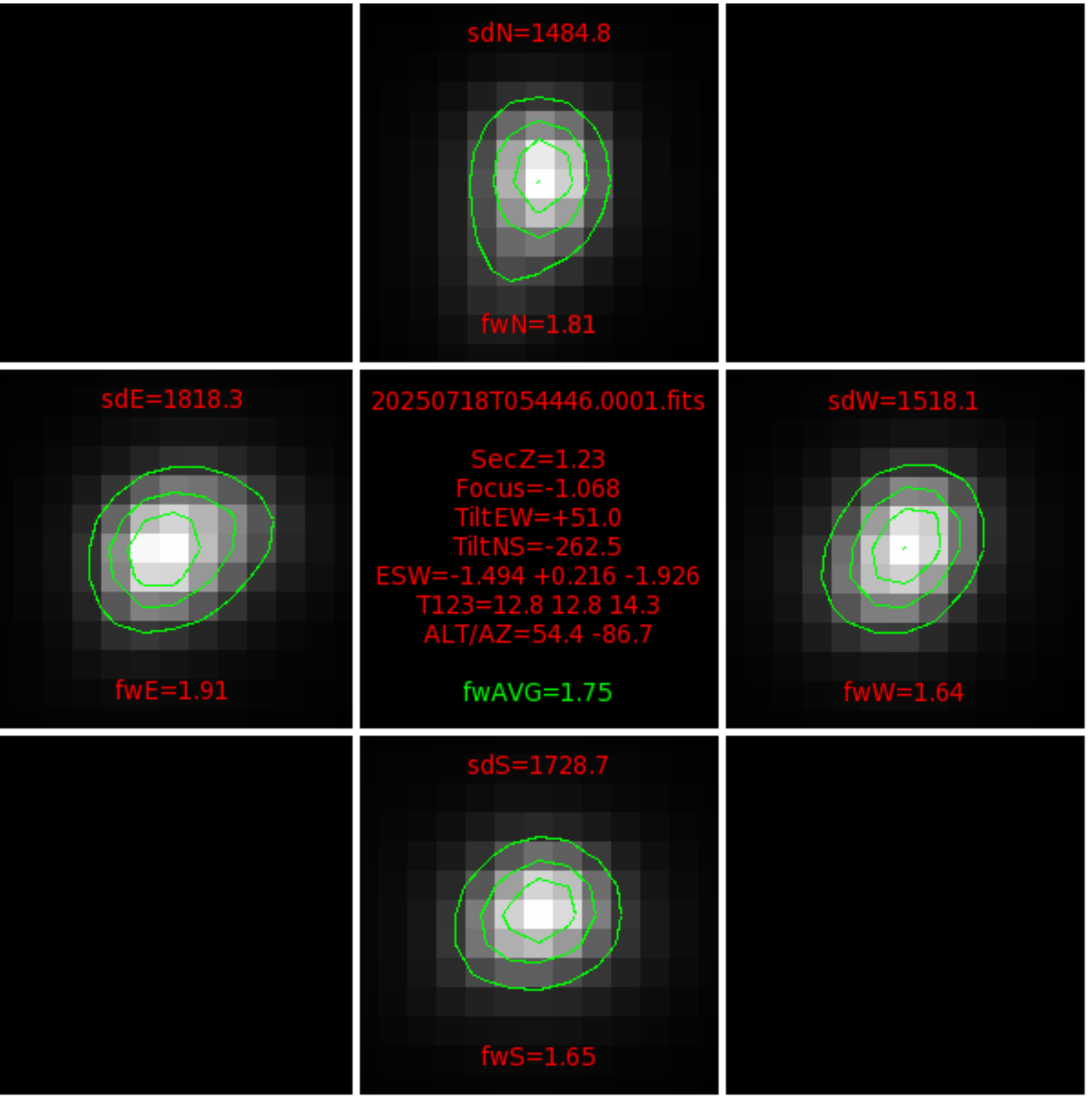
sdN=1484.8
fwN=1.81
sdE=1818.3
fwE=1.91
20250718T054446.0001.fits
SecZ=1.23
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.3
ALT/AZ=54.4 -86.7
fwAVG=1.75
sdW=1518.1
fwW=1.64
sdS=1728.7
fwS=1.65
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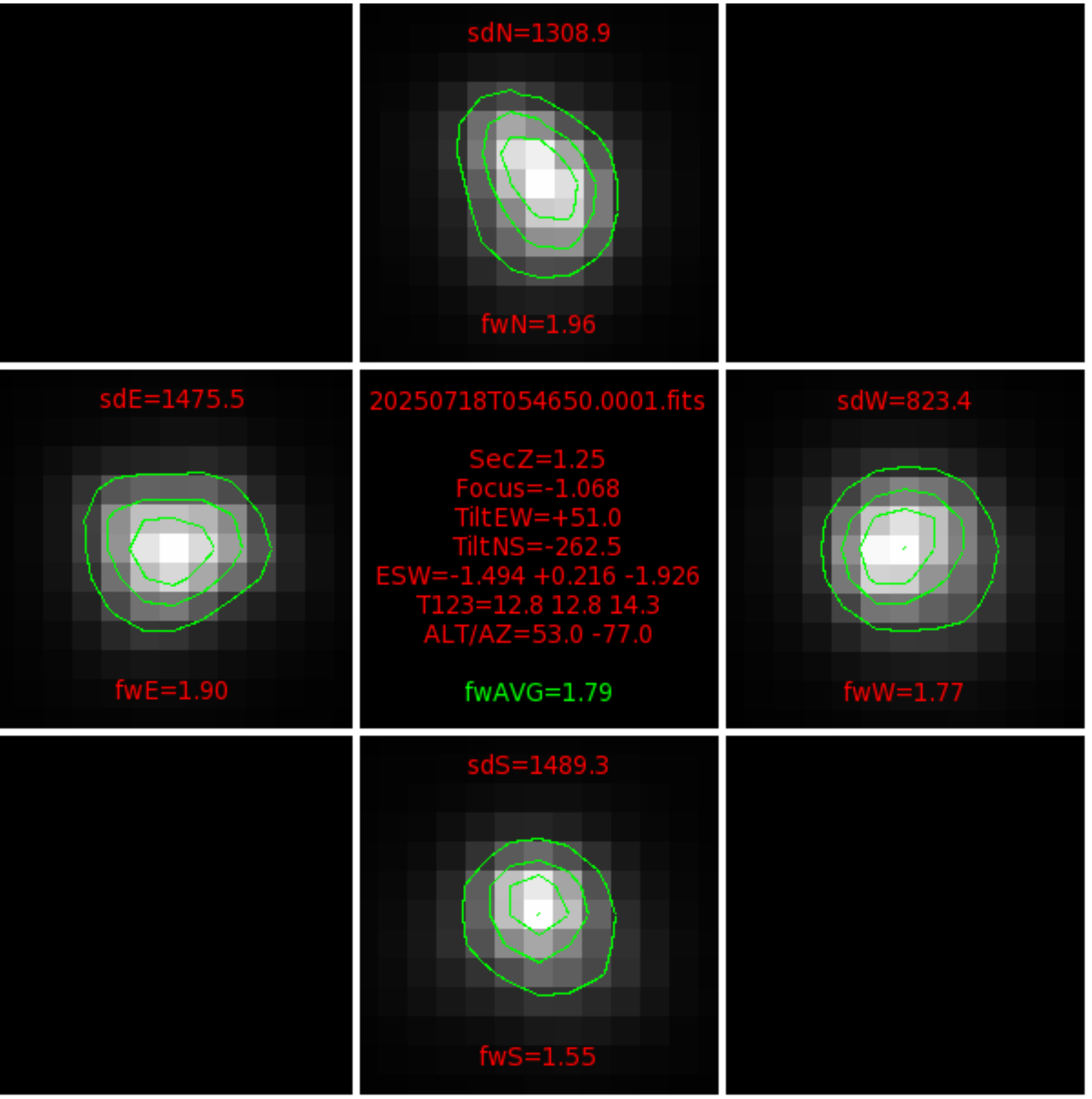
sdN=1308.9
fwN=1.96
sdE=1475.5
fwE=1.90
20250718T054650.0001.fits
SecZ=1.25
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.3
ALT/AZ=53.0 -77.0
fwAVG=1.79
sdW=823.4
fwW=1.77
sdS=1489.3
fwS=1.55
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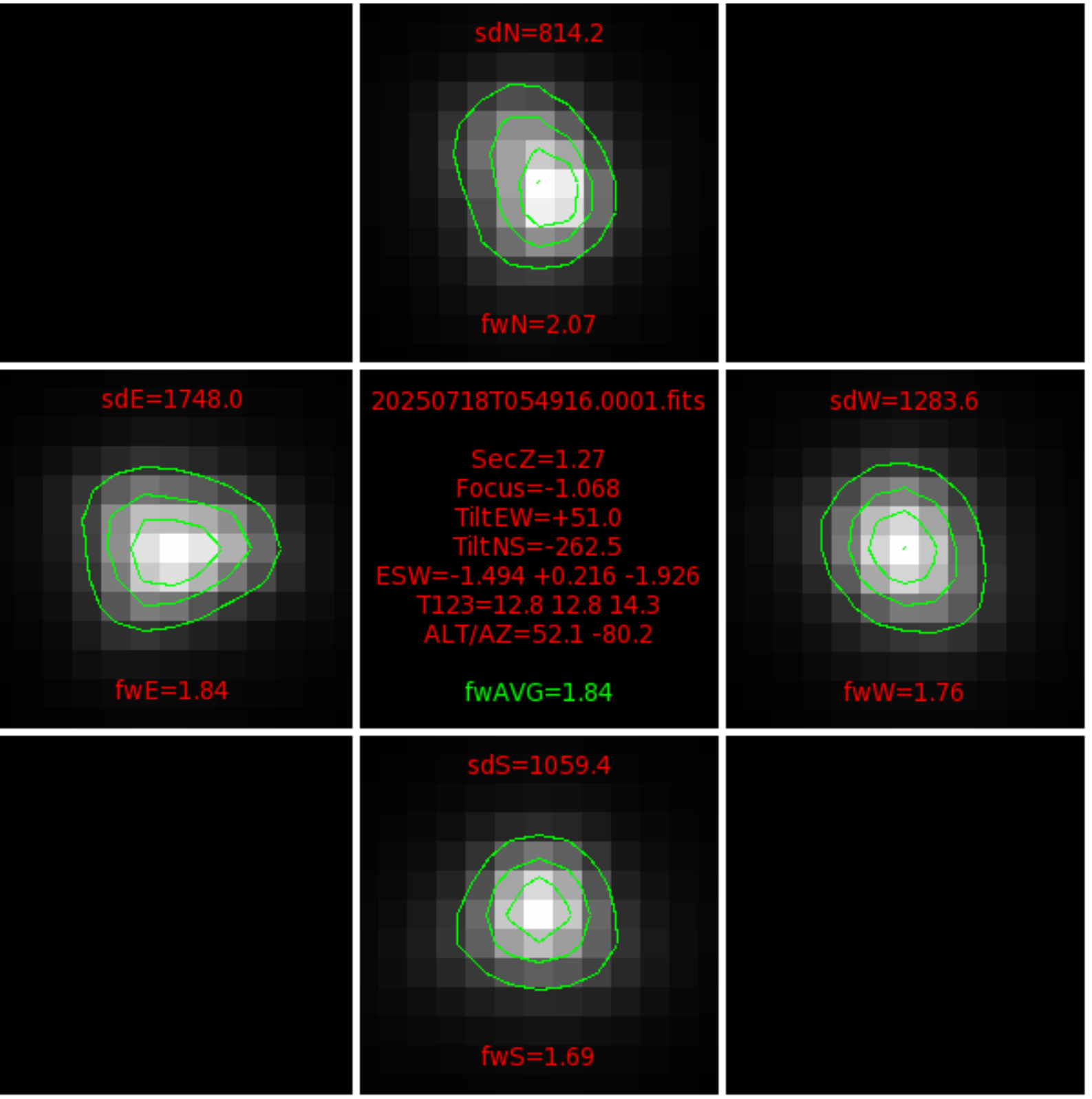
sdN=814.2
fwN=2.07
sdE=1748.0
fwE=1.84
20250718T054916.0001.fits
SecZ=1.27
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.3
ALT/AZ=52.1 -80.2
fwAVG=1.84
sdW=1283.6
fwW=1.76
sdS=1059.4
fwS=1.69
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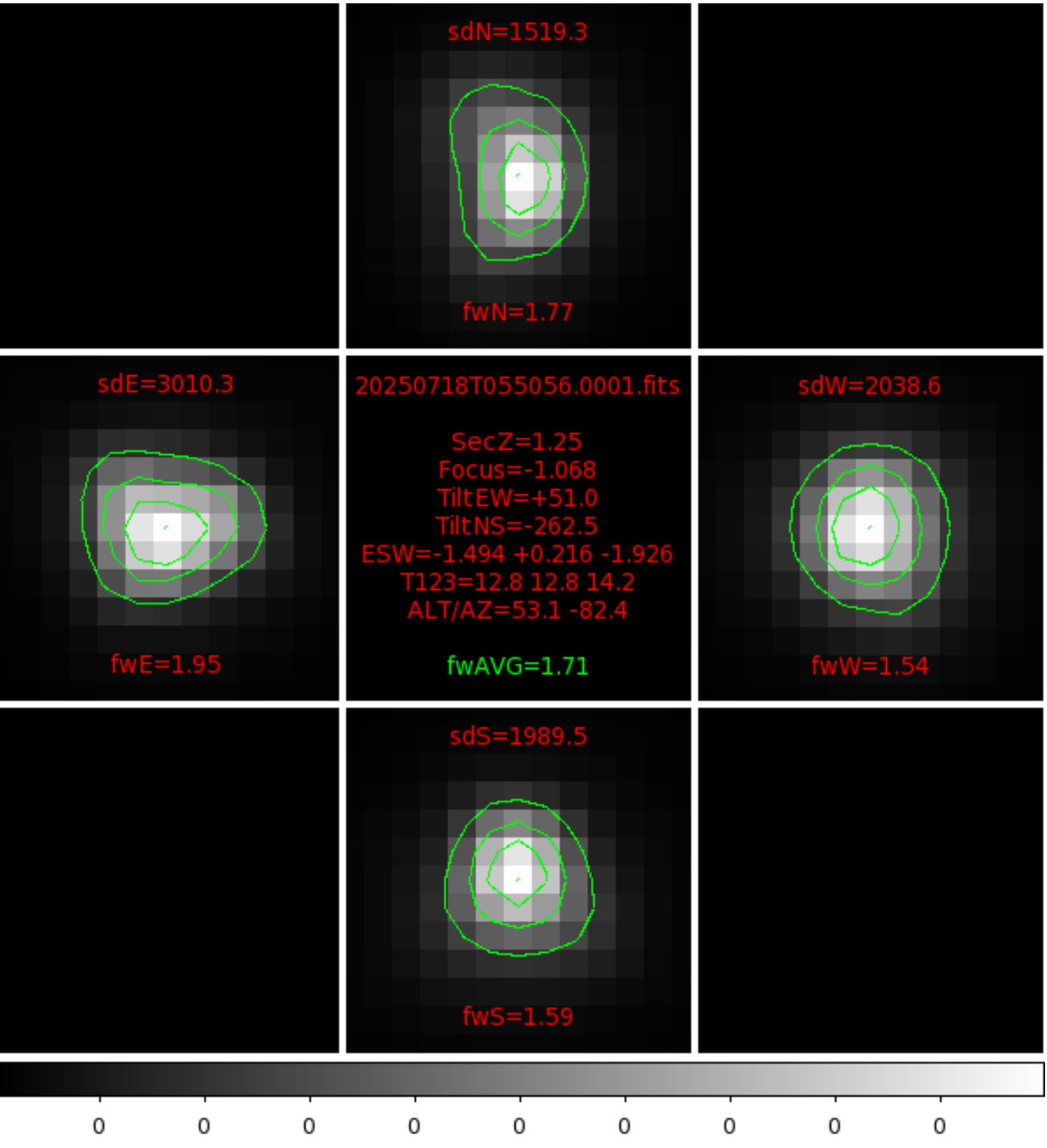
sdN=1519.3
fwN=1.77
sdE=3010.3
fwE=1.95
20250718T055056.0001.fits
SecZ=1.25
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.2
ALT/AZ=53.1 -82.4
fwAVG=1.71
sdW=2038.6
fwW=1.54
sdS=1989.5
fwS=1.59
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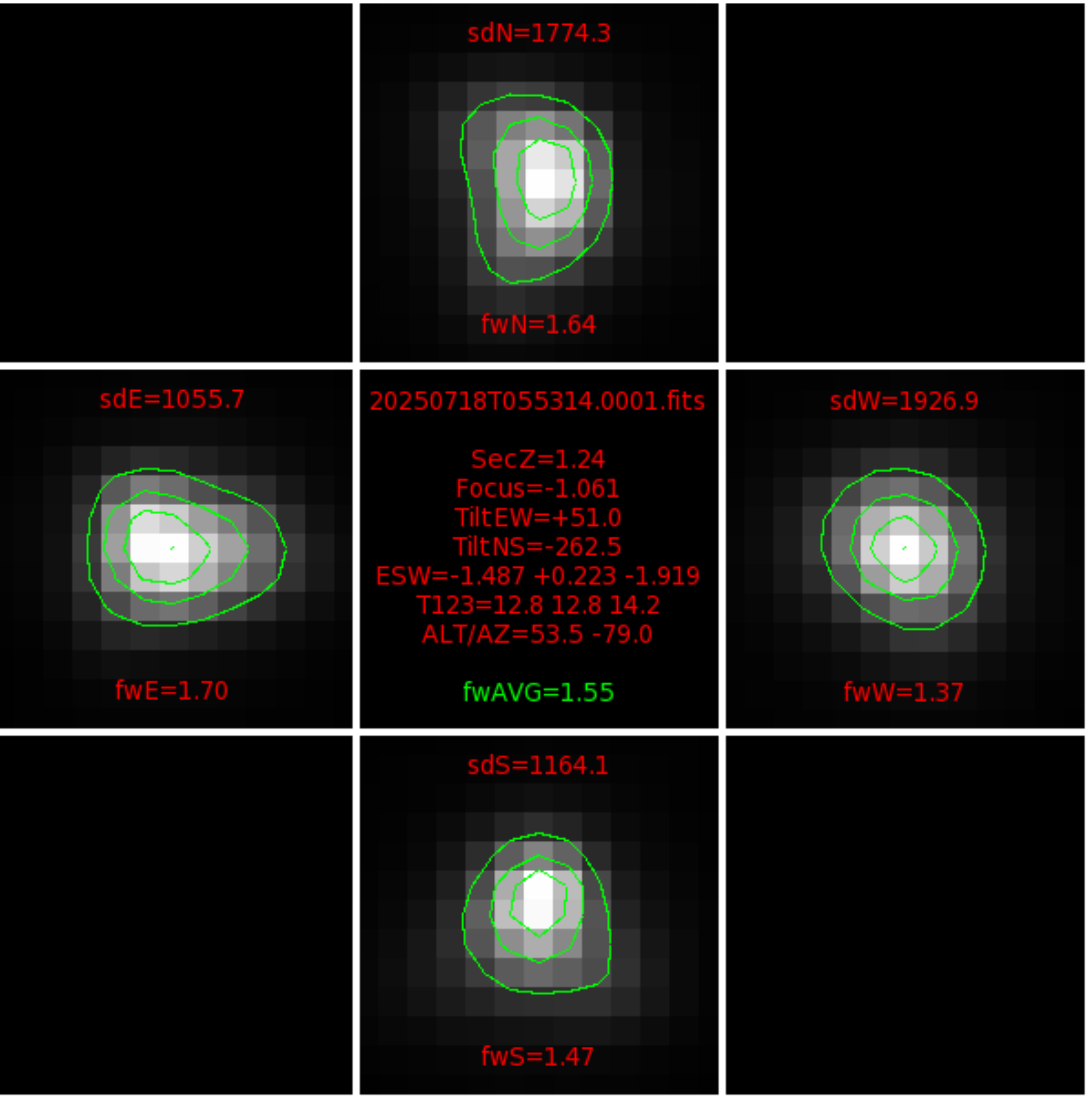
sdN=1774.3
fwN=1.64
sdE=1055.7
fwE=1.70
20250718T055314.0001.fits
SecZ=1.24
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.8 12.8 14.2
ALT/AZ=53.5 -79.0
fwAVG=1.55
sdW=1926.9
fwW=1.37
sdS=1164.1
fwS=1.47
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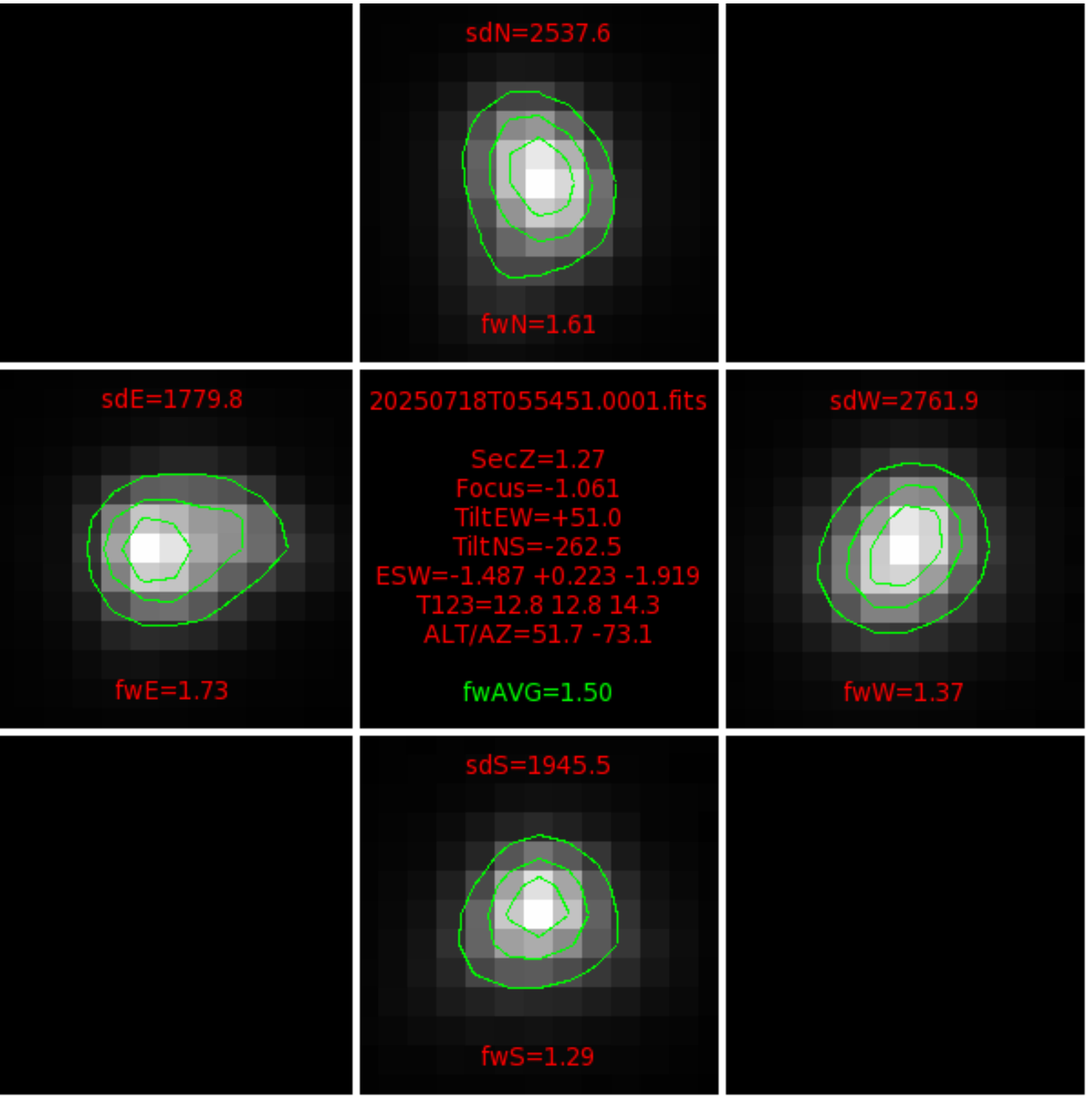
sdN=2537.6
fwN=1.61
sdE=1779.8
fwE=1.73
20250718T055451.0001.fits
SecZ=1.27
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.8 12.8 14.3
ALT/AZ=51.7 -73.1
fwAVG=1.50
sdW=2761.9
fwW=1.37
sdS=1945.5
fwS=1.29
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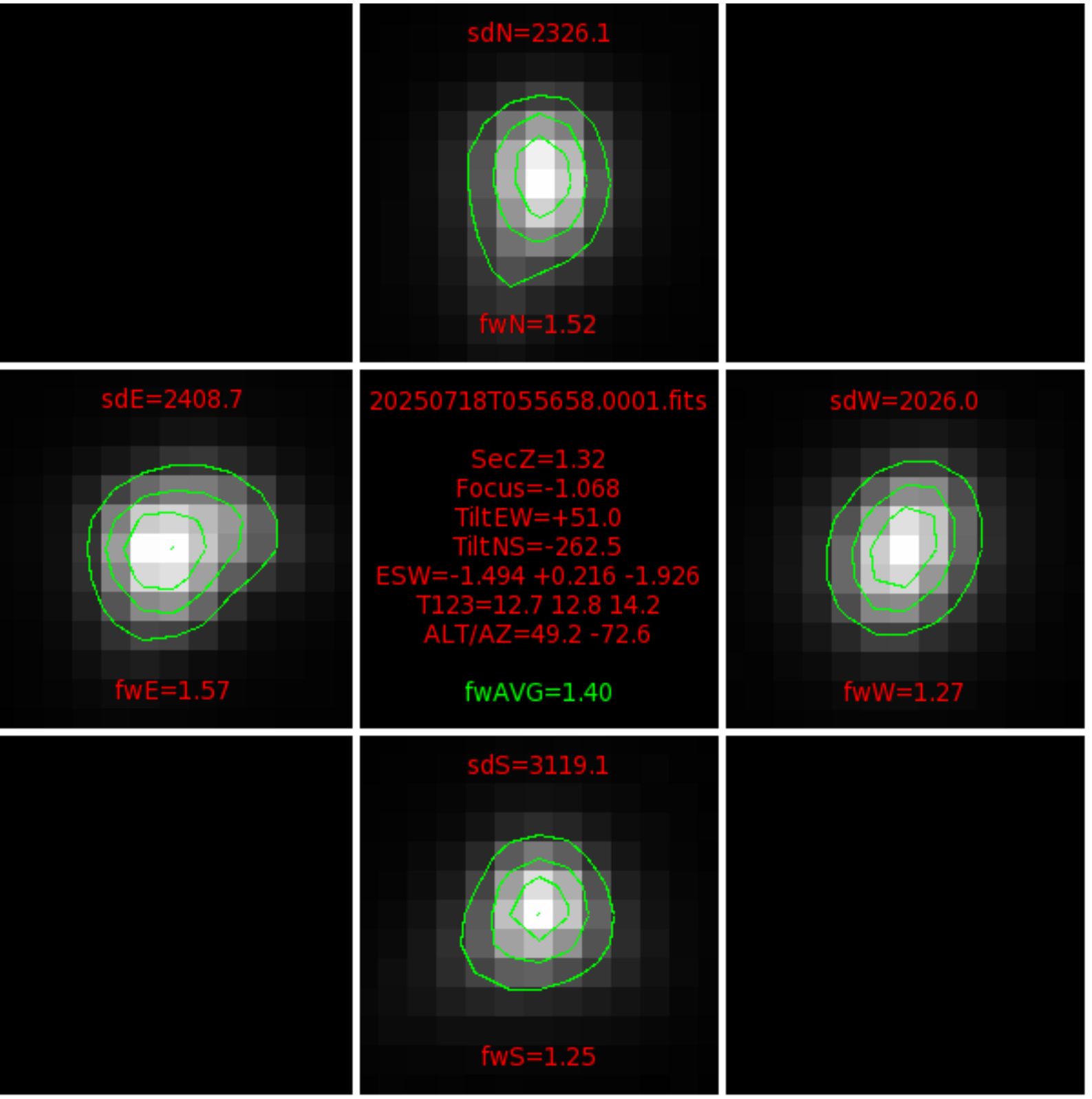
sdN=2326.1
fwN=1.52
sdE=2408.7
fwE=1.57
20250718T055658.0001.fits
SecZ=1.32
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.8 14.2
ALT/AZ=49.2 -72.6
fwAVG=1.40
sdW=2026.0
fwW=1.27
sdS=3119.1
fwS=1.25
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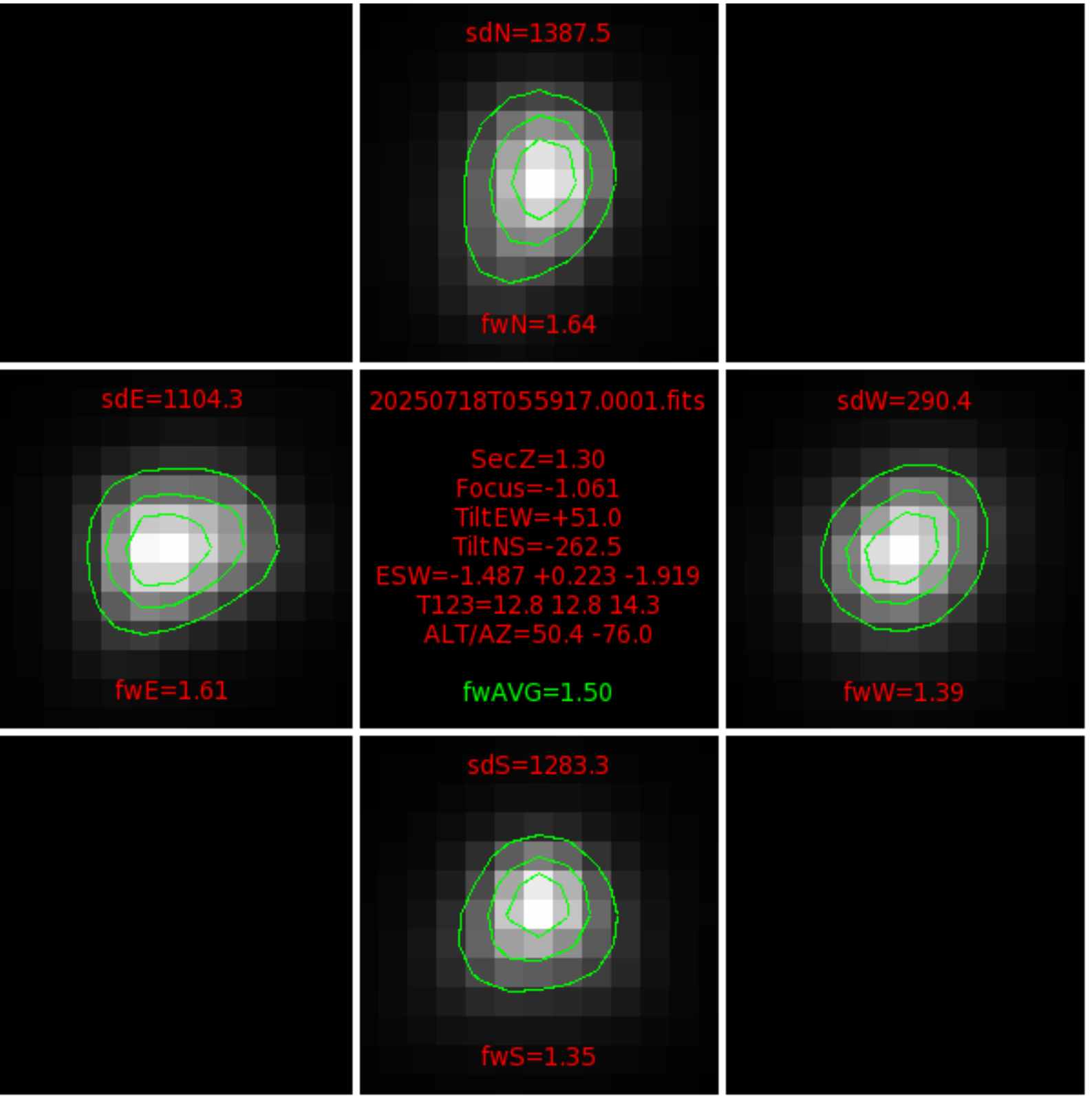
sdN=1387.5
fwN=1.64
sdE=1104.3
fwE=1.61
20250718T055917.0001.fits
SecZ=1.30
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.8 12.8 14.3
ALT/AZ=50.4 -76.0
fwAVG=1.50
sdW=290.4
fwW=1.39
sdS=1283.3
fwS=1.35
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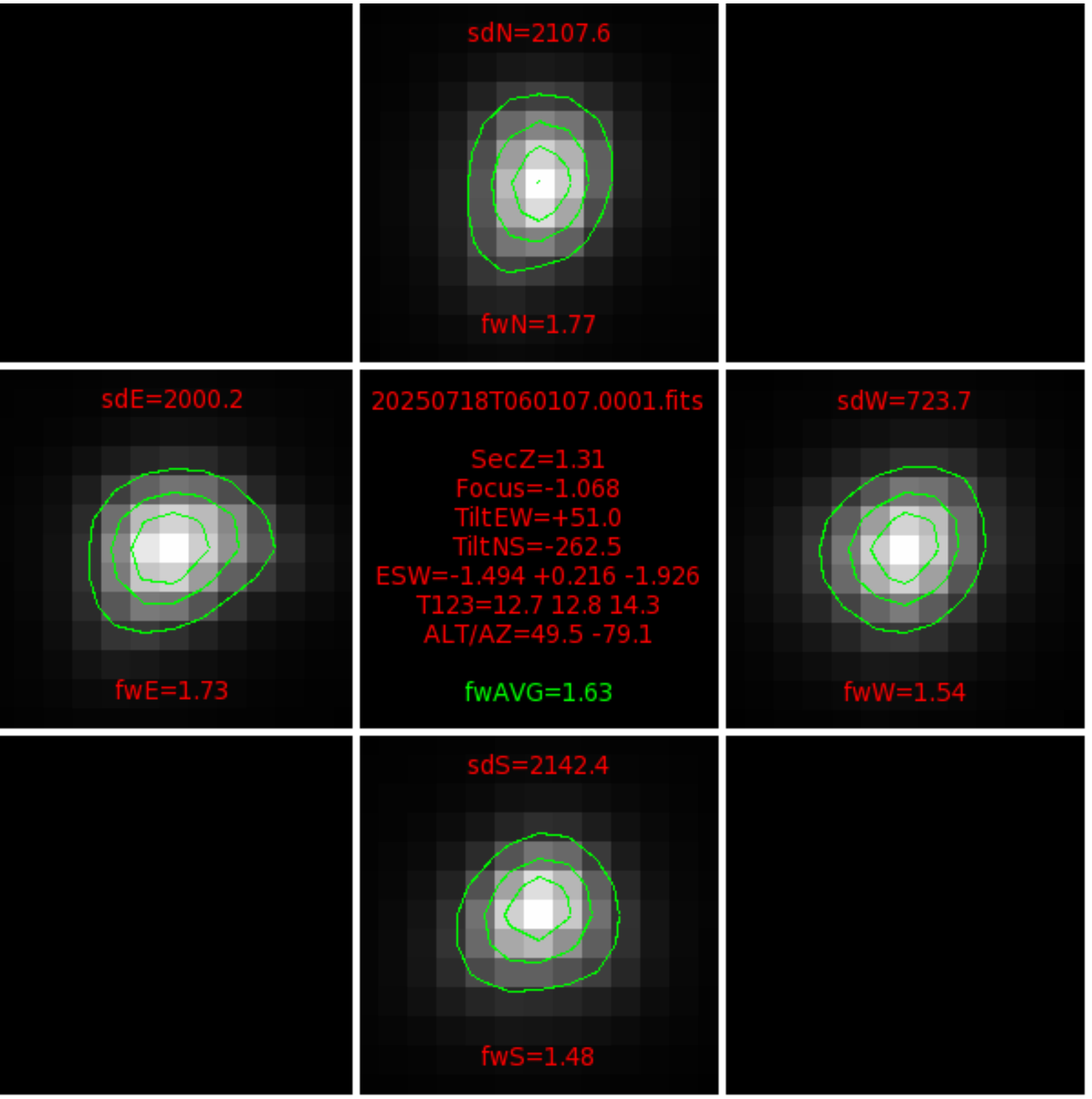
sdN=2107.6
fwN=1.77
sdE=2000.2
fwE=1.73
20250718T060107.0001.fits
SecZ=1.31
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.7 12.8 14.3
ALT/AZ=49.5 -79.1
fwAVG=1.63
sdW=723.7
fwW=1.54
sdS=2142.4
fwS=1.48
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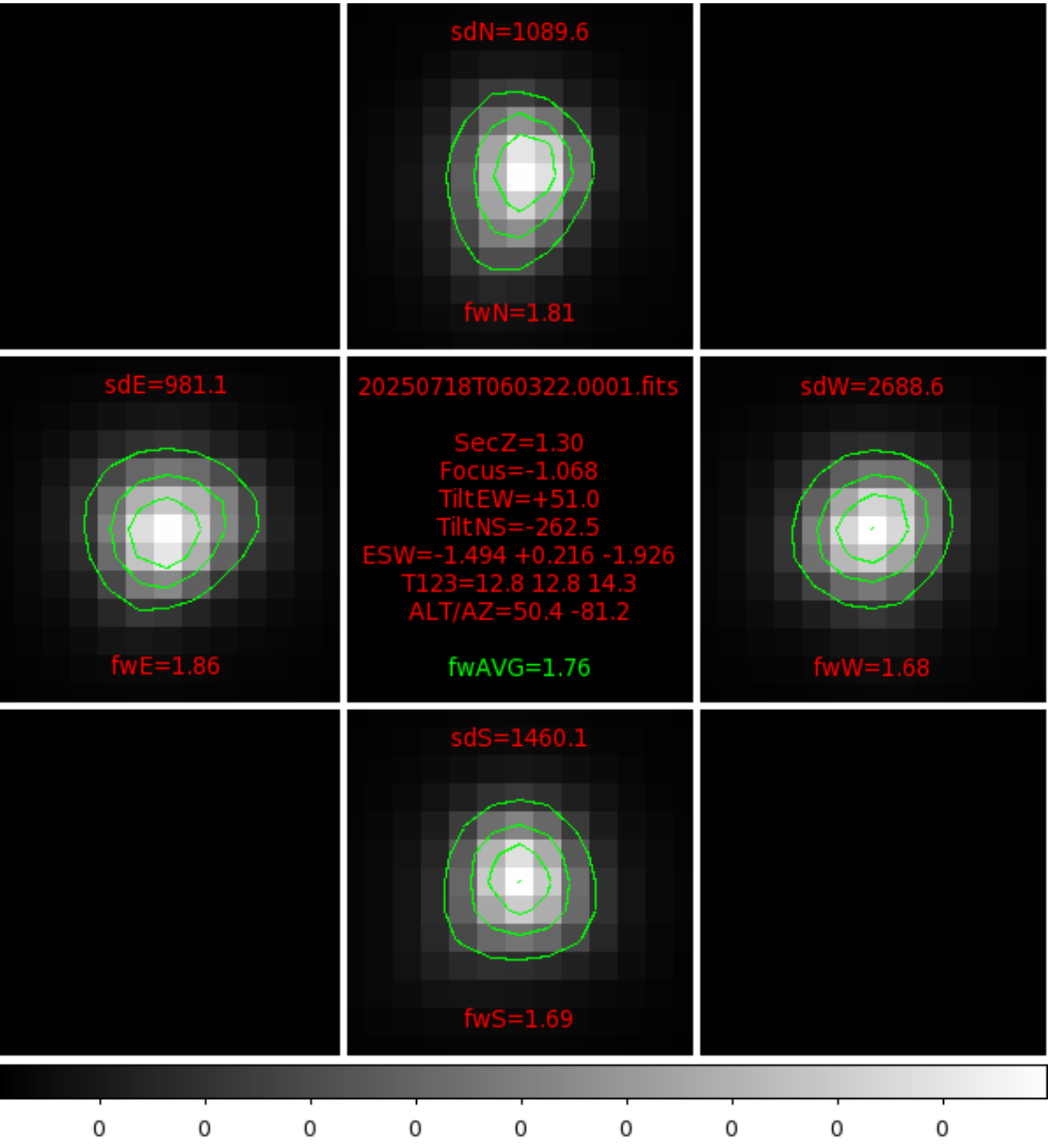
sdN=1089.6
fwN=1.81
sdE=981.1
fwE=1.86
20250718T060322.0001.fits
SecZ=1.30
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.3
ALT/AZ=50.4 -81.2
fwAVG=1.76
sdW=2688.6
fwW=1.68
sdS=1460.1
fwS=1.69
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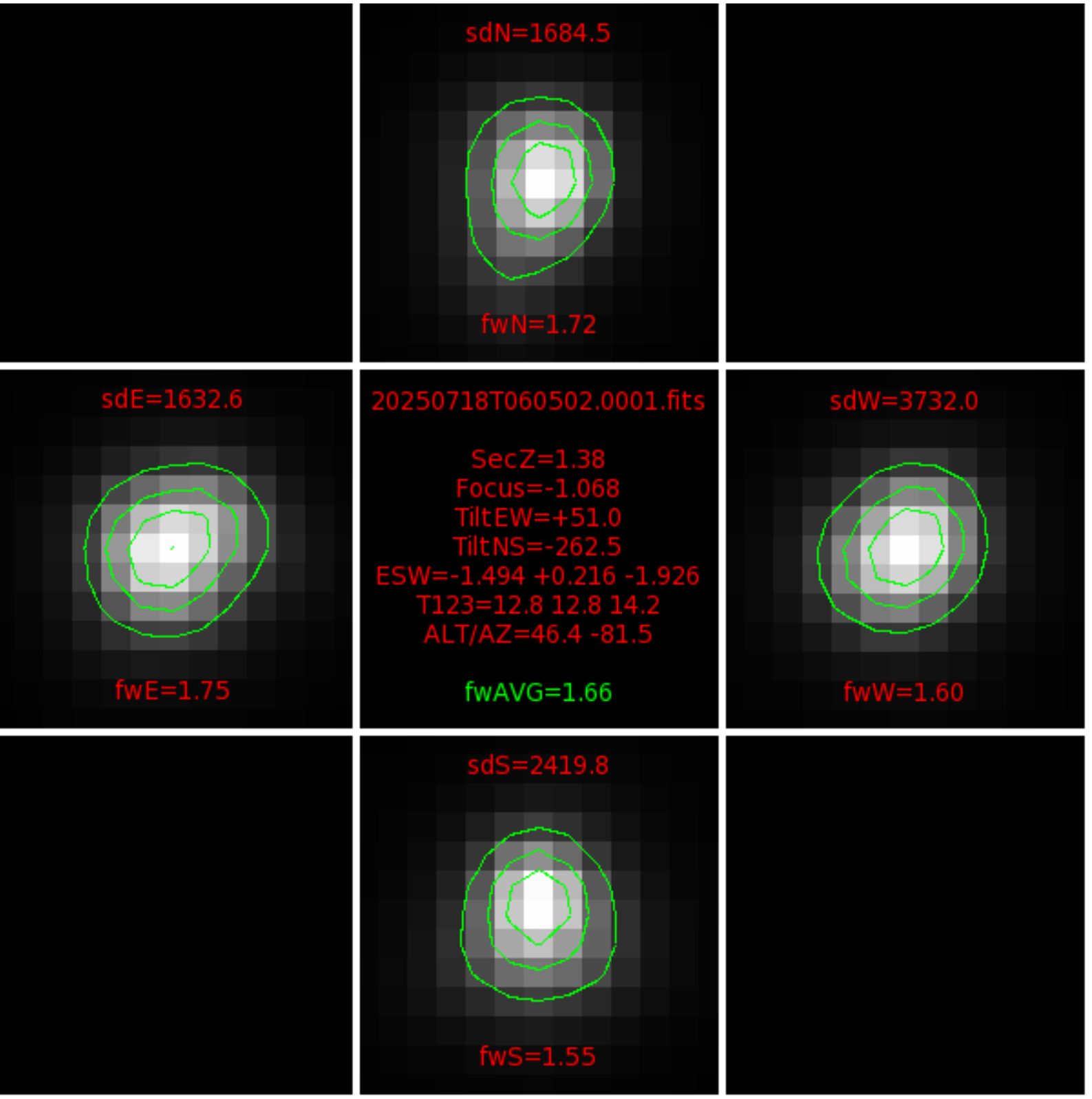
sdN=1684.5
fwN=1.72
sdE=1632.6
fwE=1.75
20250718T060502.0001.fits
SecZ=1.38
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.2
ALT/AZ=46.4 -81.5
fwAVG=1.66
sdW=3732.0
fwW=1.60
sdS=2419.8
fwS=1.55
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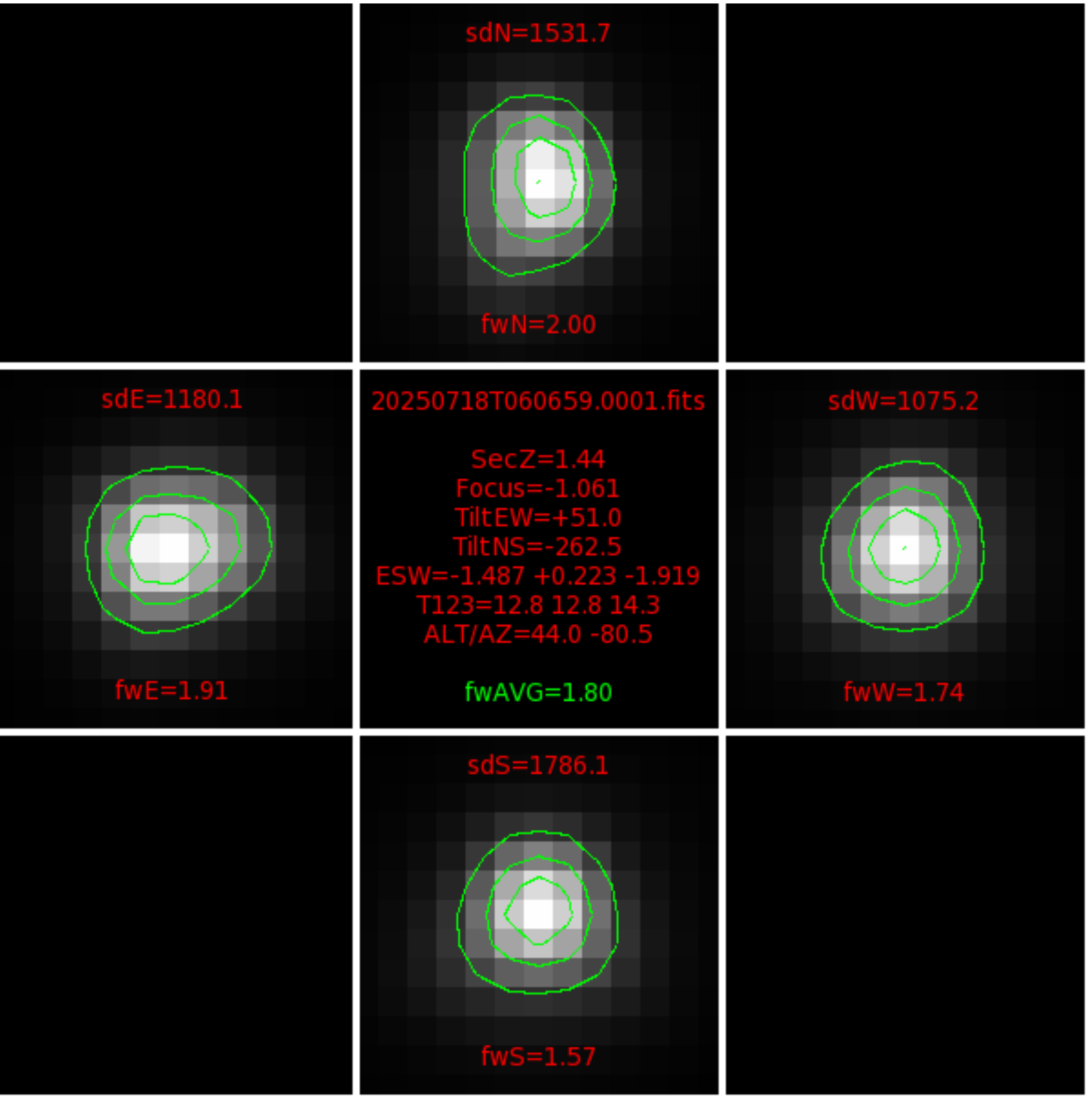
sdN=1531.7
fwN=2.00
sdE=1180.1
fwE=1.91
20250718T060659.0001.fits
SecZ=1.44
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.8 12.8 14.3
ALT/AZ=44.0 -80.5
fwAVG=1.80
sdW=1075.2
fwW=1.74
sdS=1786.1
fwS=1.57
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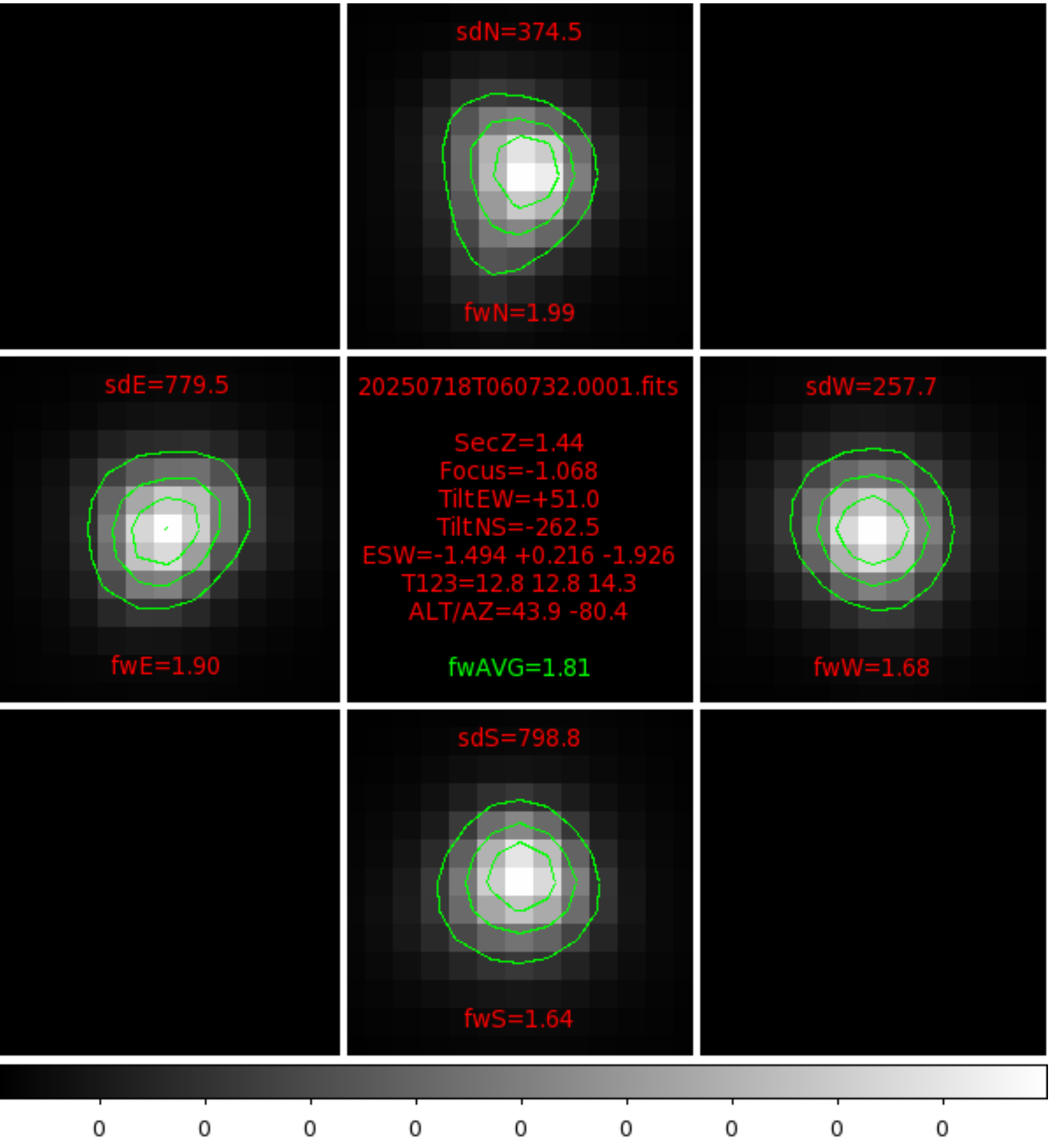
sdN=374.5
fwN=1.99
sdE=779.5
fwE=1.90
20250718T060732.0001.fits
SecZ=1.44
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.3
ALT/AZ=43.9 -80.4
fwAVG=1.81
sdW=257.7
fwW=1.68
sdS=798.8
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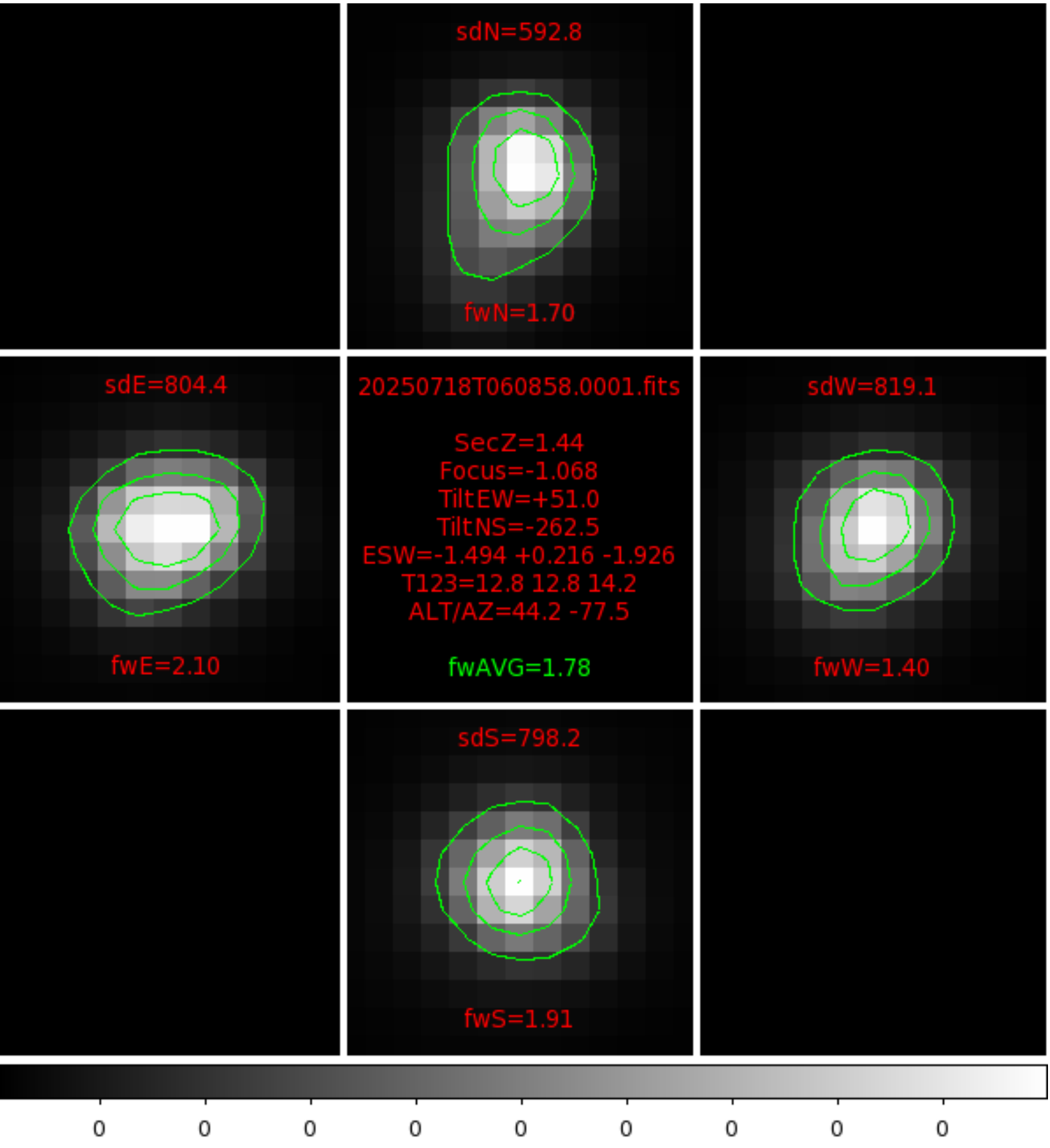
sdN=592.8
fwN=1.70
sdE=804.4
fwE=2.10
20250718T060858.0001.fits
SecZ=1.44
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.2
ALT/AZ=44.2 -77.5
fwAVG=1.78
sdW=819.1
fwW=1.40
sdS=798.2
fwS=1.91
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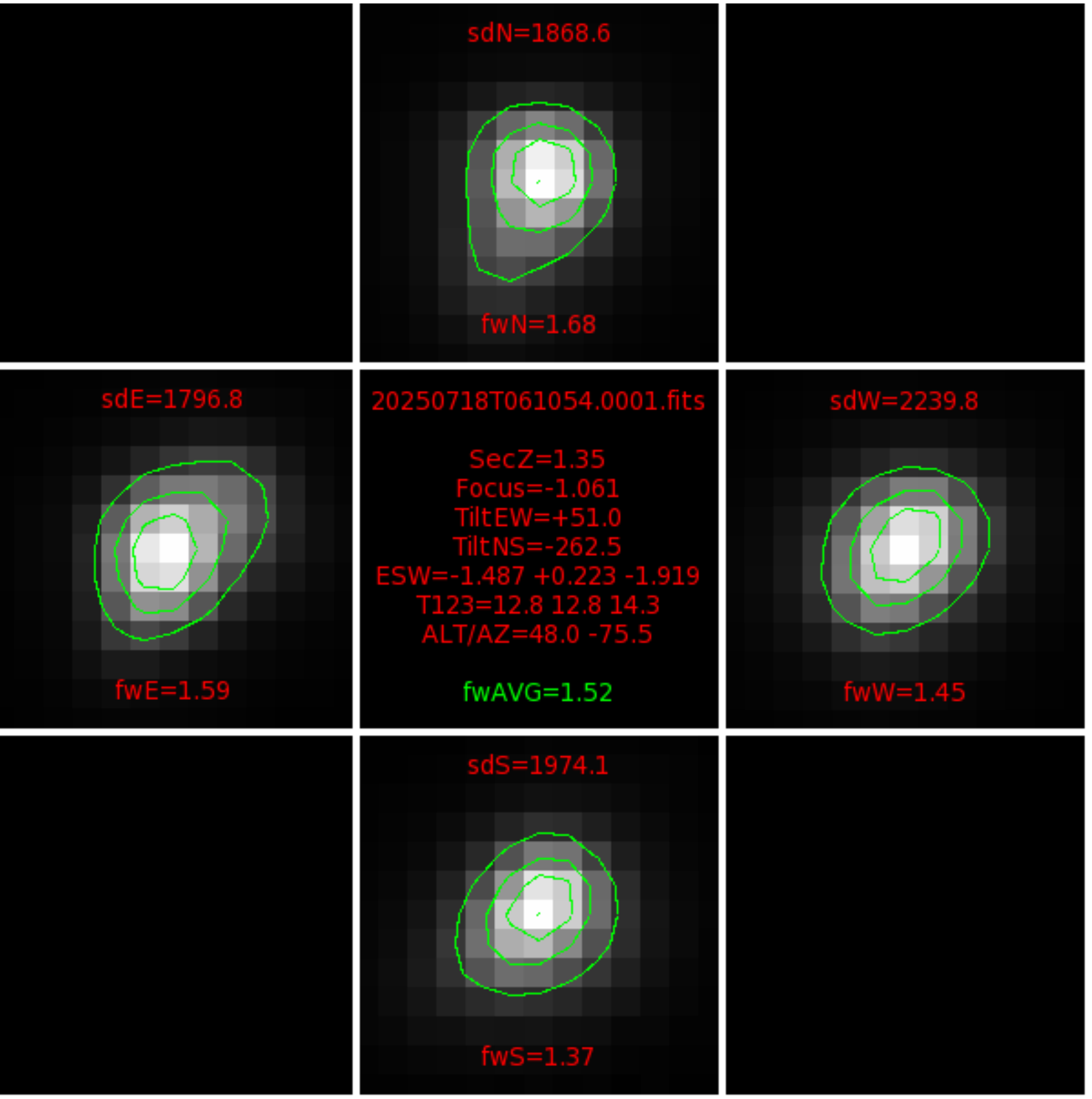
sdN=1868.6
fwN=1.68
sdE=1796.8
fwE=1.59
20250718T061054.0001.fits
SecZ=1.35
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.8 12.8 14.3
ALT/AZ=48.0 -75.5
fwAVG=1.52
sdW=2239.8
fwW=1.45
sdS=1974.1
fwS=1.37
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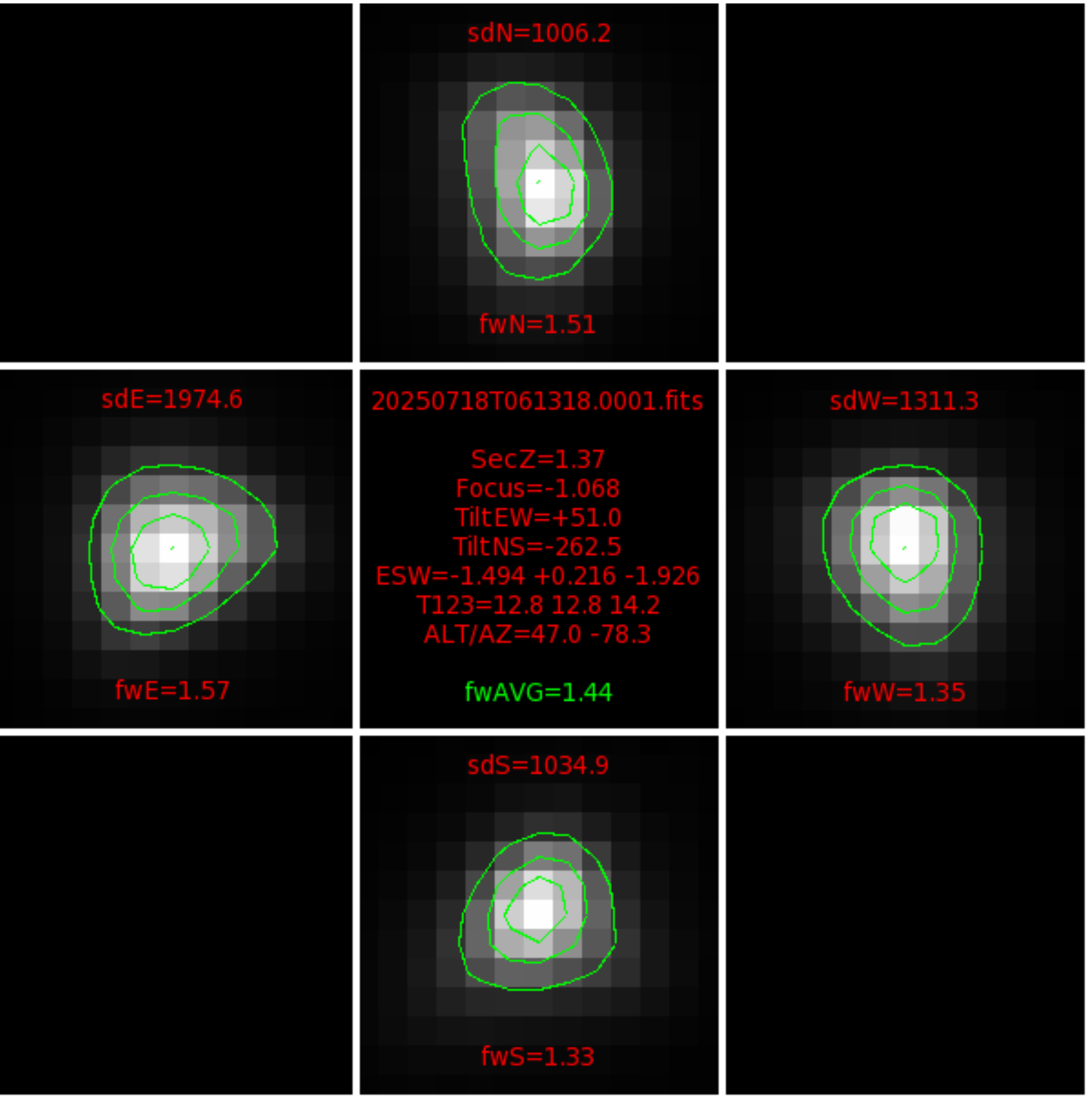
sdN=1006.2
fwN=1.51
sdE=1974.6
fwE=1.57
20250718T061318.0001.fits
SecZ=1.37
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.2
ALT/AZ=47.0 -78.3
fwAVG=1.44
sdW=1311.3
fwW=1.35
sdS=1034.9
fwS=1.33
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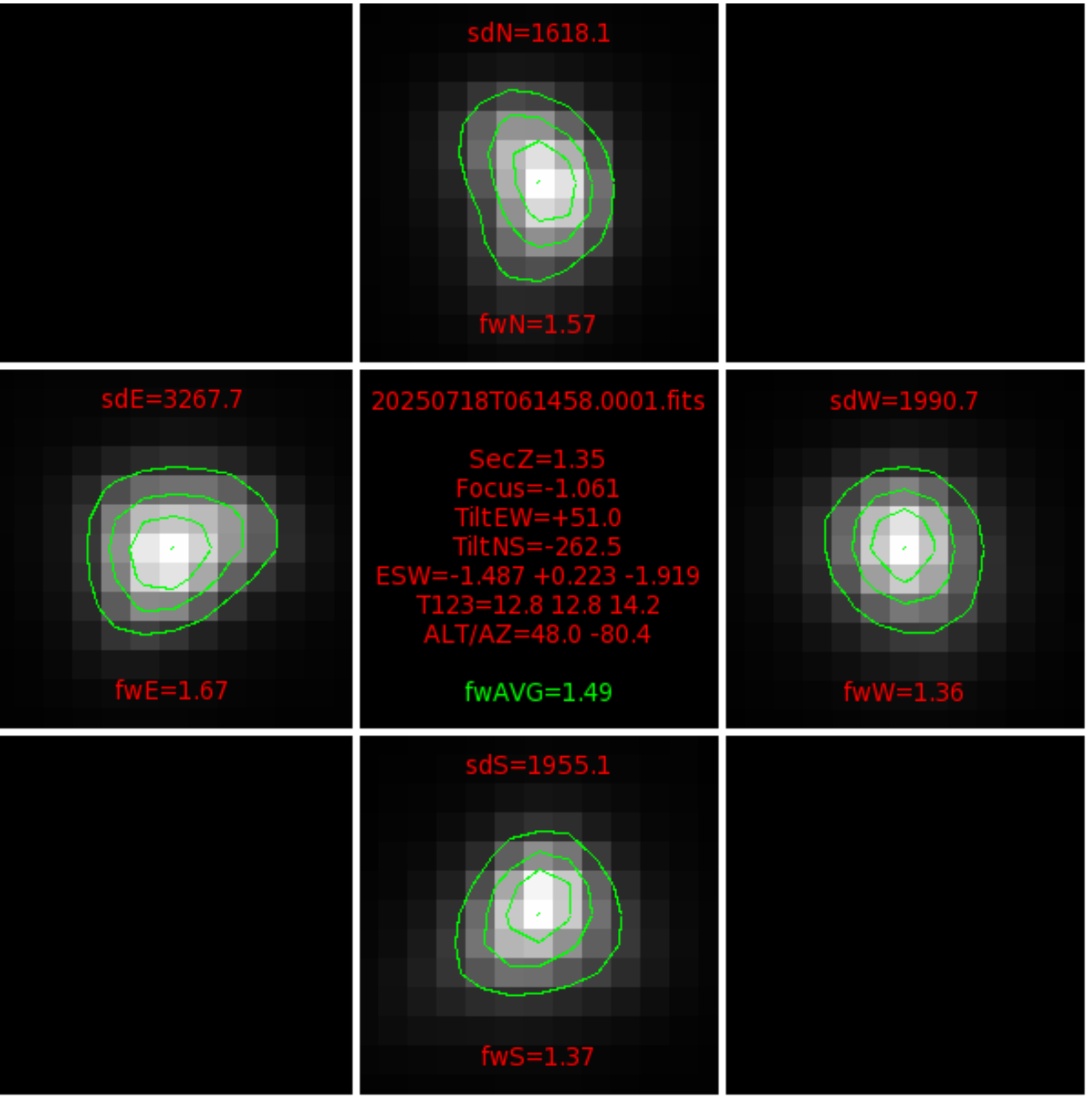
sdN=1618.1
fwN=1.57
sdE=3267.7
fwE=1.67
20250718T061458.0001.fits
SecZ=1.35
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.8 12.8 14.2
ALT/AZ=48.0 -80.4
fwAVG=1.49
sdW=1990.7
fwW=1.36
sdS=1955.1
fwS=1.37
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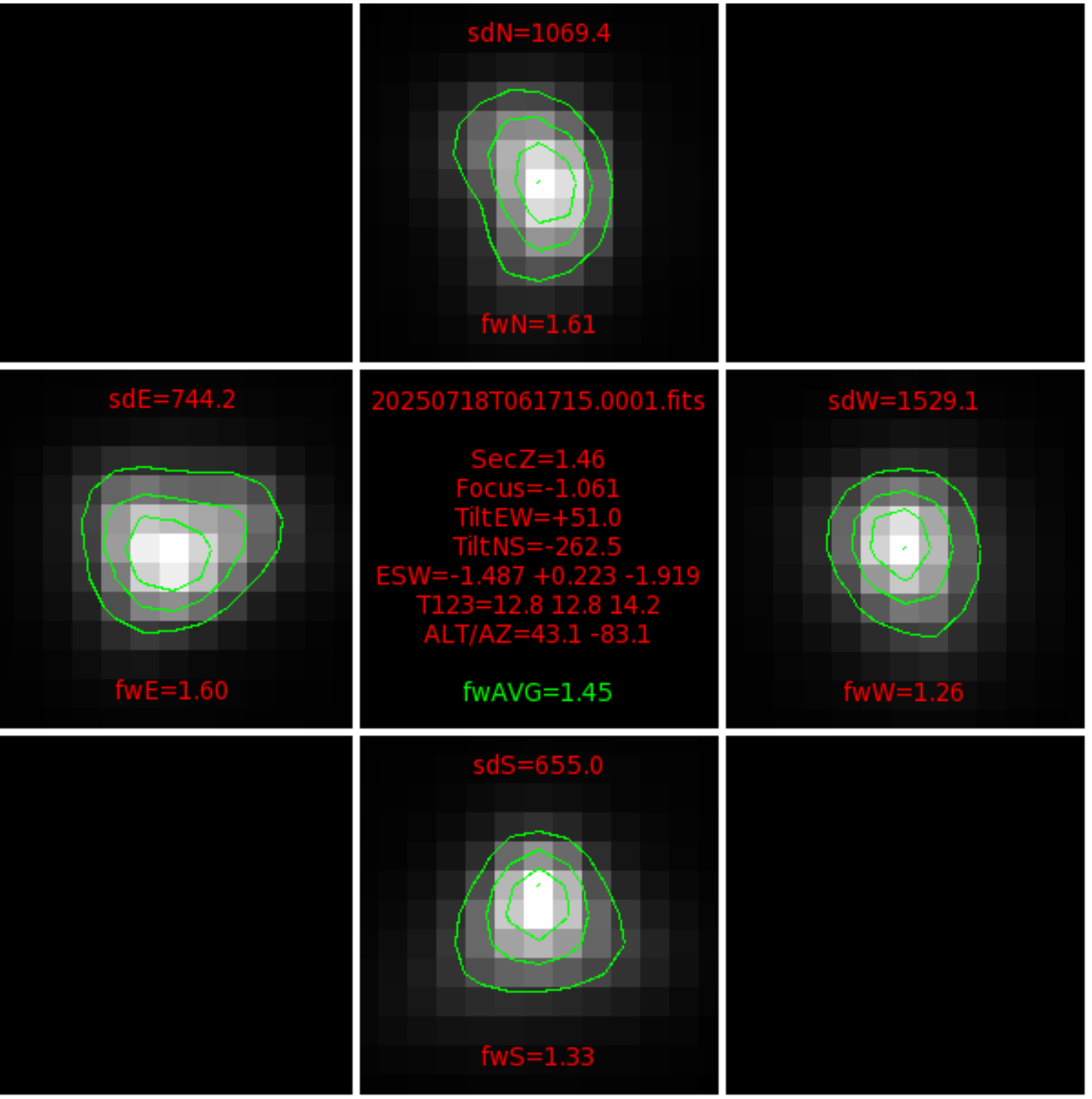
sdN=1069.4
fwN=1.61
sdE=744.2
fwE=1.60
20250718T061715.0001.fits
SecZ=1.46
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.8 12.8 14.2
ALT/AZ=43.1 -83.1
fwAVG=1.45
sdW=1529.1
fwW=1.26
sdS=655.0
fwS=1.33
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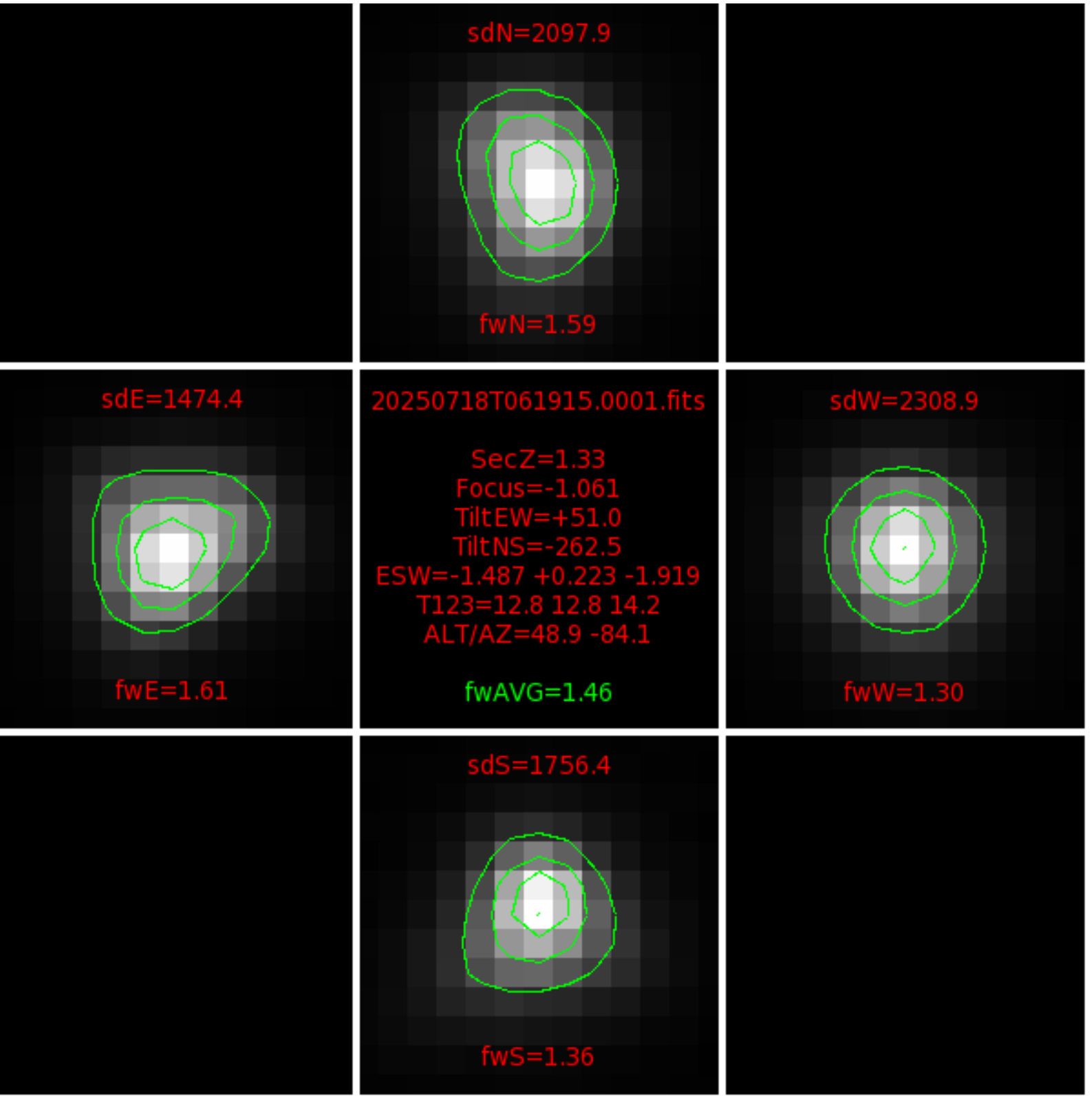
sdN=2097.9
fwN=1.59
sdE=1474.4
fwE=1.61
20250718T061915.0001.fits
SecZ=1.33
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.8 12.8 14.2
ALT/AZ=48.9 -84.1
fwAVG=1.46
sdW=2308.9
fwW=1.30
sdS=1756.4
fwS=1.36
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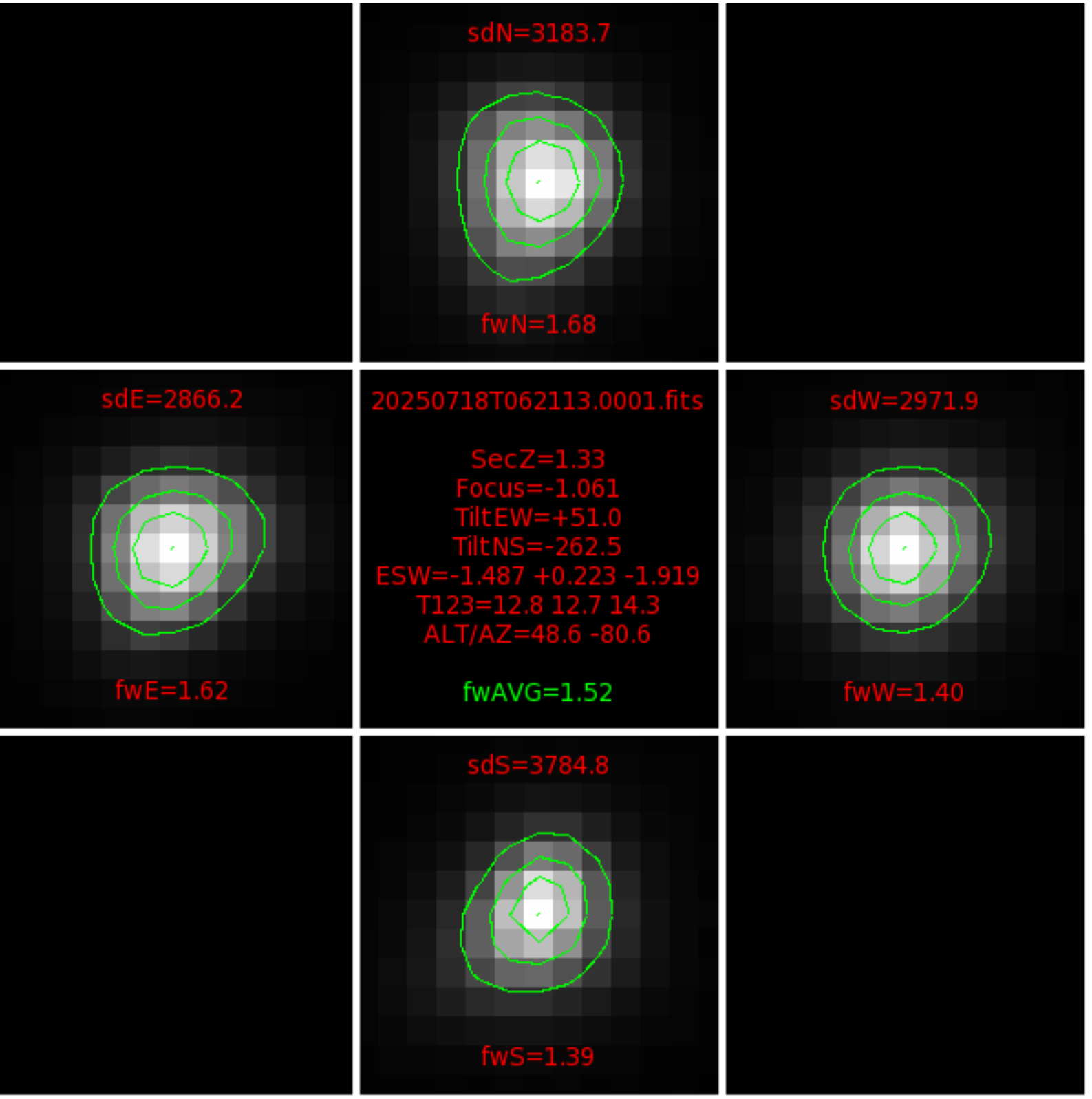
sdN=3183.7
fwN=1.68
sdE=2866.2
fwE=1.62
20250718T062113.0001.fits
SecZ=1.33
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.8 12.7 14.3
ALT/AZ=48.6 -80.6
fwAVG=1.52
sdW=2971.9
fwW=1.40
sdS=3784.8
fwS=1.39
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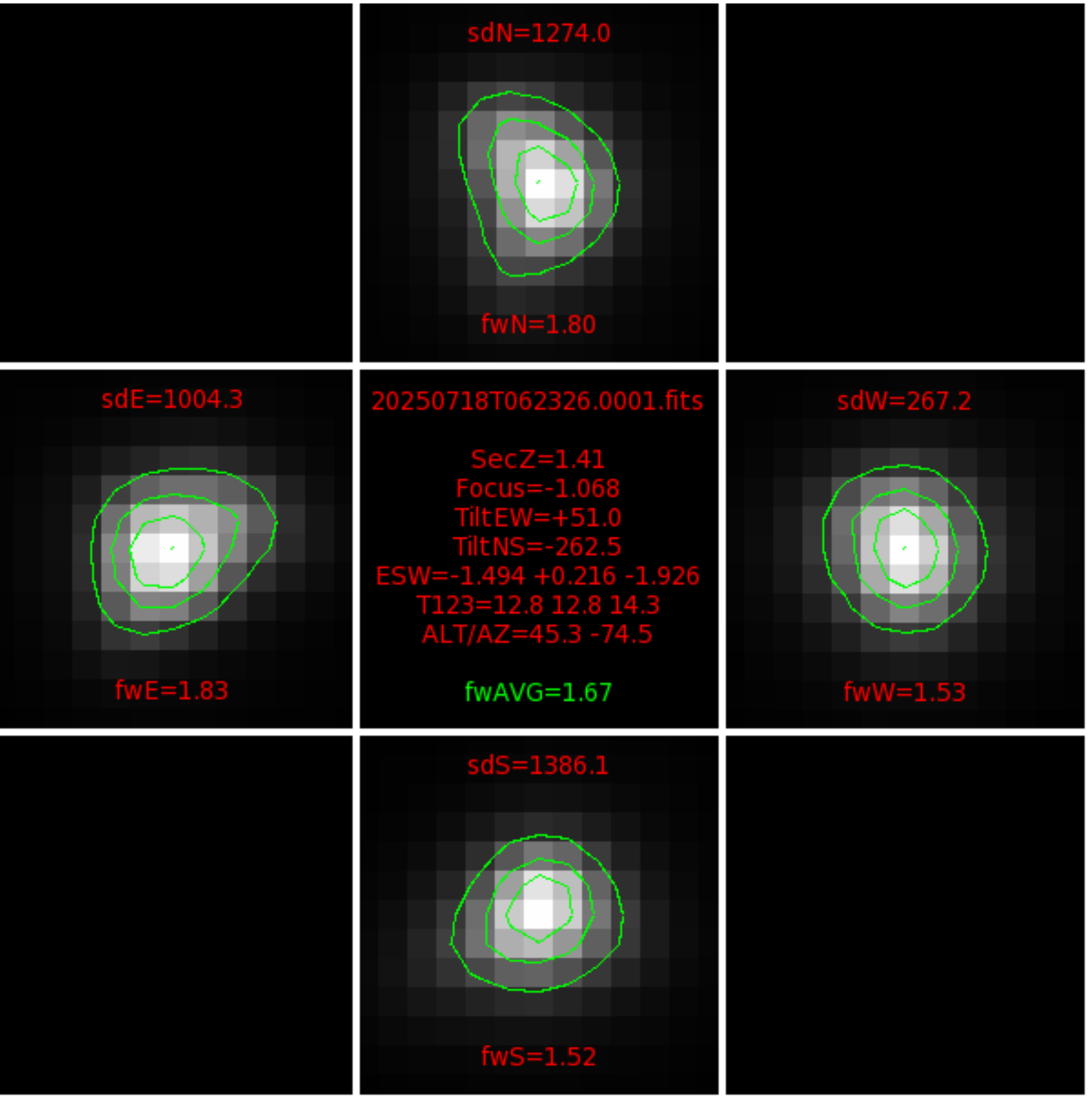
sdN=1274.0
fwN=1.80
sdE=1004.3
fwE=1.83
20250718T062326.0001.fits
SecZ=1.41
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.3
ALT/AZ=45.3 -74.5
fwAVG=1.67
sdW=267.2
fwW=1.53
sdS=1386.1
fwS=1.52
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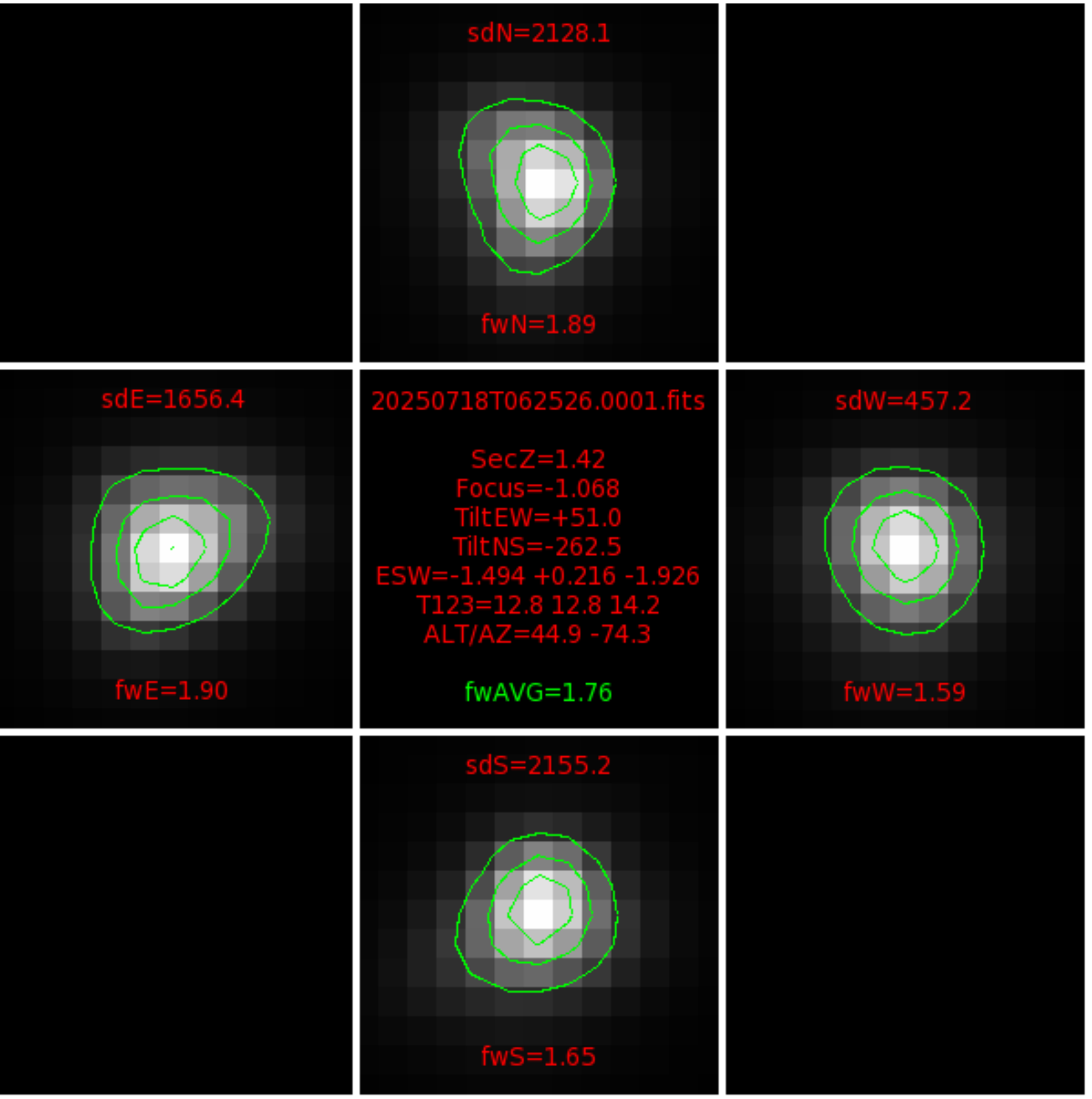
sdN=2128.1
fwN=1.89
sdE=1656.4
fwE=1.90
20250718T062526.0001.fits
SecZ=1.42
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.2
ALT/AZ=44.9 -74.3
fwAVG=1.76
sdW=457.2
fwW=1.59
sdS=2155.2
fwS=1.65
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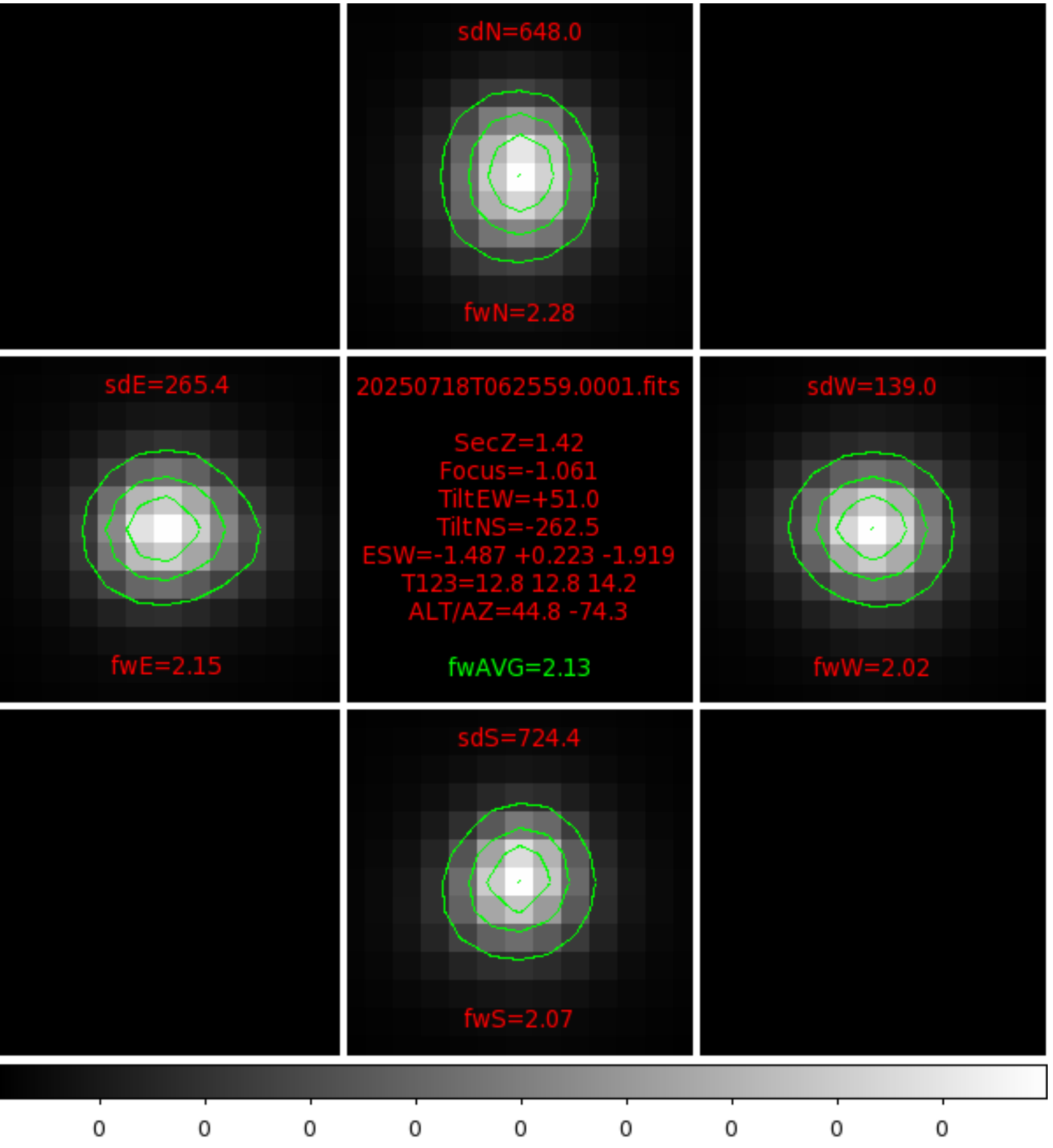
sdN=648.0
fwN=2.28
sdE=265.4
fwE=2.15
20250718T062559.0001.fits
SecZ=1.42
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.8 12.8 14.2
ALT/AZ=44.8 -74.3
fwAVG=2.13
sdW=139.0
fwW=2.02
sdS=724.4
fwS=2.07
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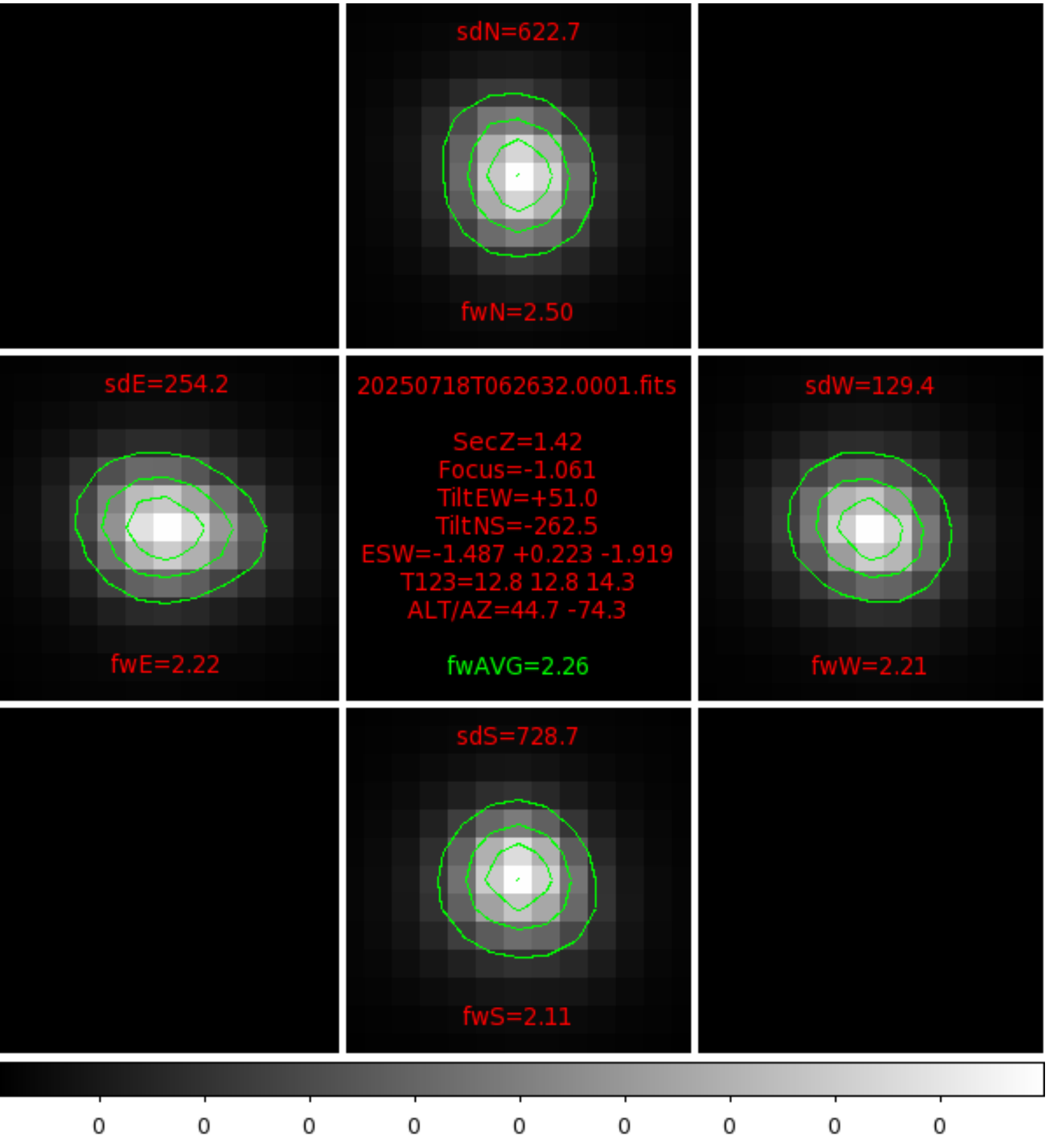
sdN=622.7
fwN=2.50
sdE=254.2
fwE=2.22
20250718T062632.0001.fits
SecZ=1.42
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.8 12.8 14.3
ALT/AZ=44.7 -74.3
fwAVG=2.26
sdW=129.4
fwW=2.21
sdS=728.7
fwS=2.11
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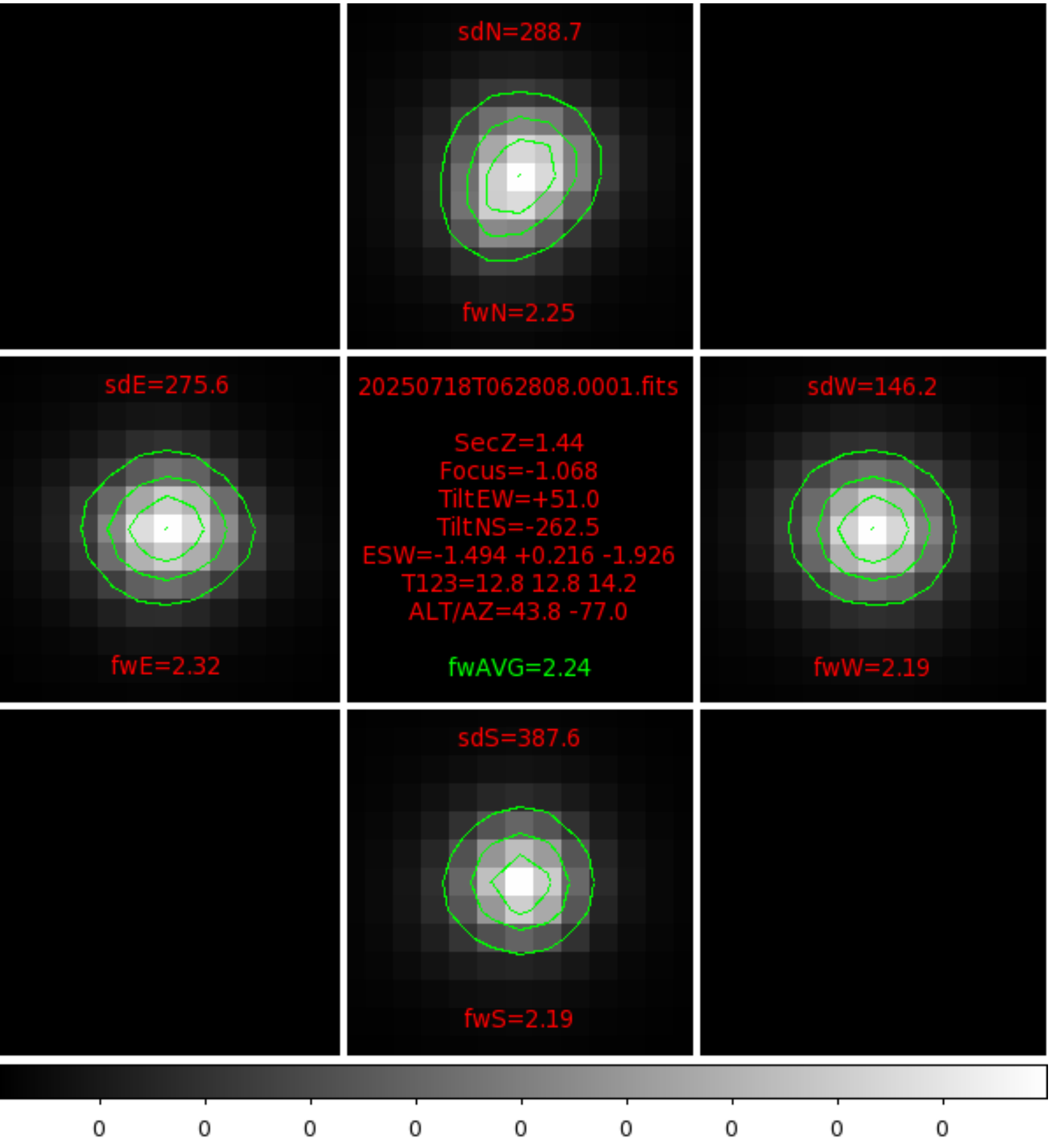
sdN=288.7
fwN=2.25
sdE=275.6
fwE=2.32
20250718T062808.0001.fits
SecZ=1.44
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.2
ALT/AZ=43.8 -77.0
fwAVG=2.24
sdW=146.2
fwW=2.19
sdS=387.6
fwS=2.19
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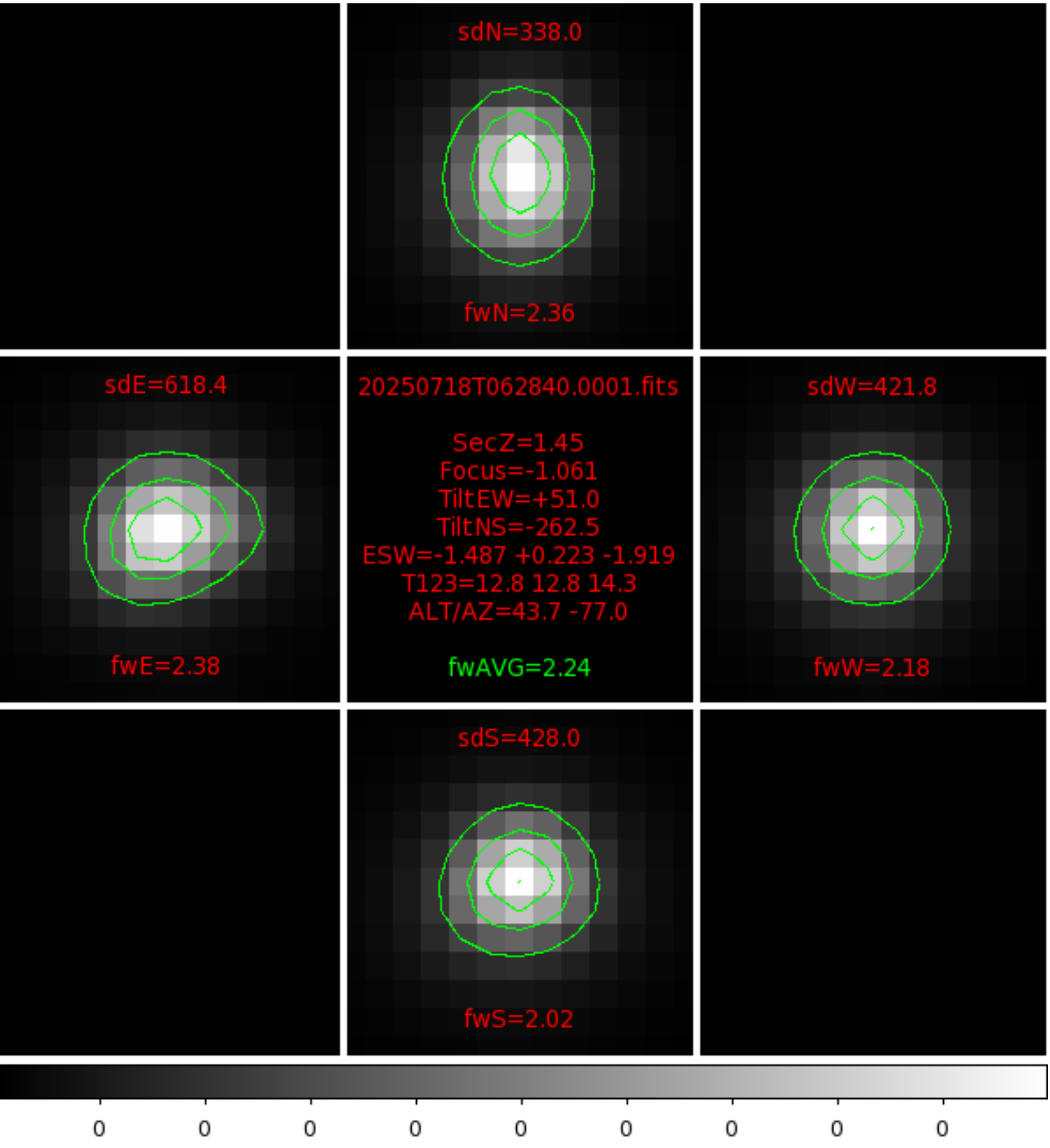
sdN=338.0
fwN=2.36
sdE=618.4
fwE=2.38
20250718T062840.0001.fits
SecZ=1.45
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.8 12.8 14.3
ALT/AZ=43.7 -77.0
fwAVG=2.24
sdW=421.8
fwW=2.18
sdS=428.0
fwS=2.02
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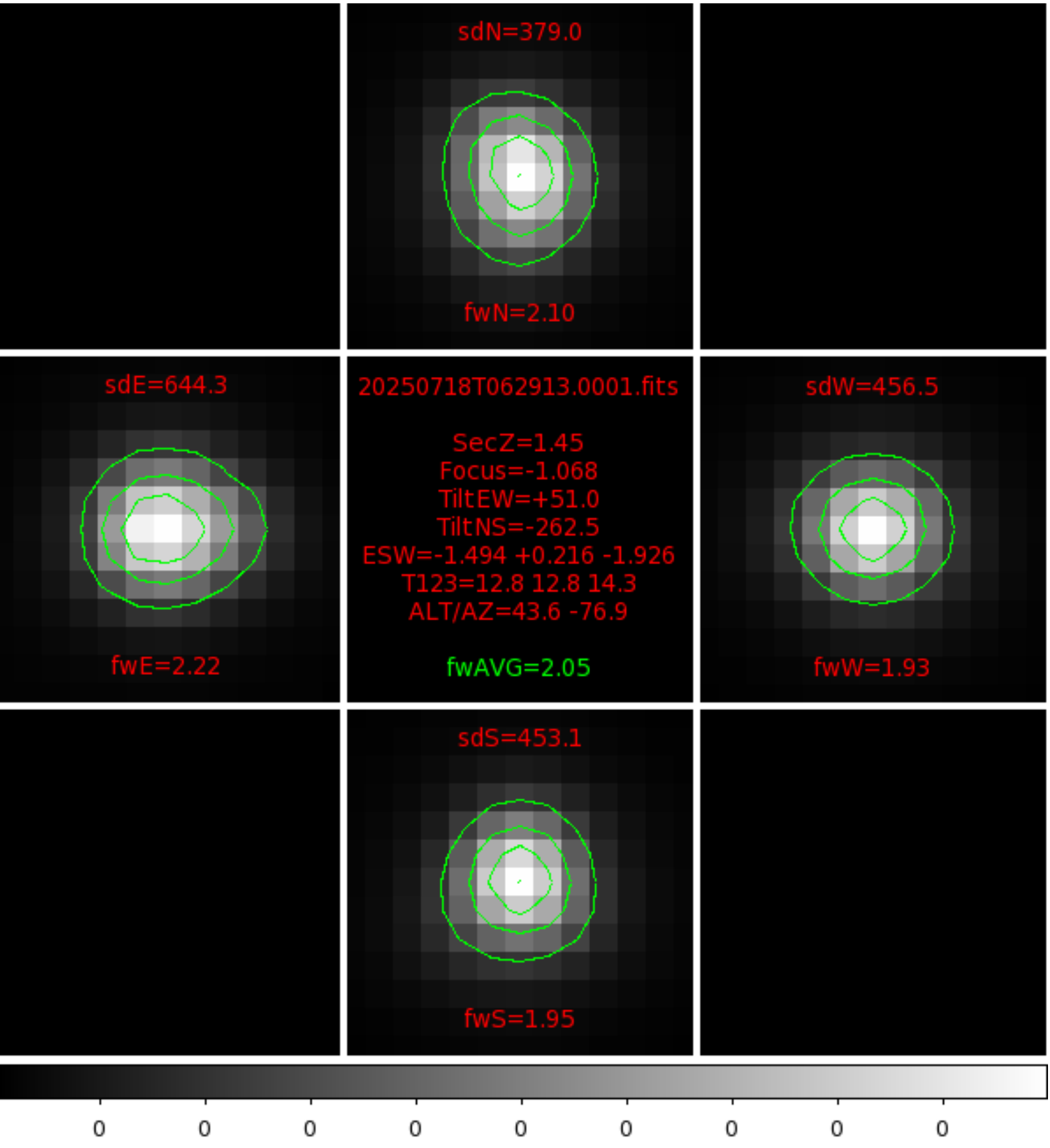
sdN=379.0
fwN=2.10
sdE=644.3
fwE=2.22
20250718T062913.0001.fits
SecZ=1.45
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.3
ALT/AZ=43.6 -76.9
fwAVG=2.05
sdW=456.5
fwW=1.93
sdS=453.1
fwS=1.95
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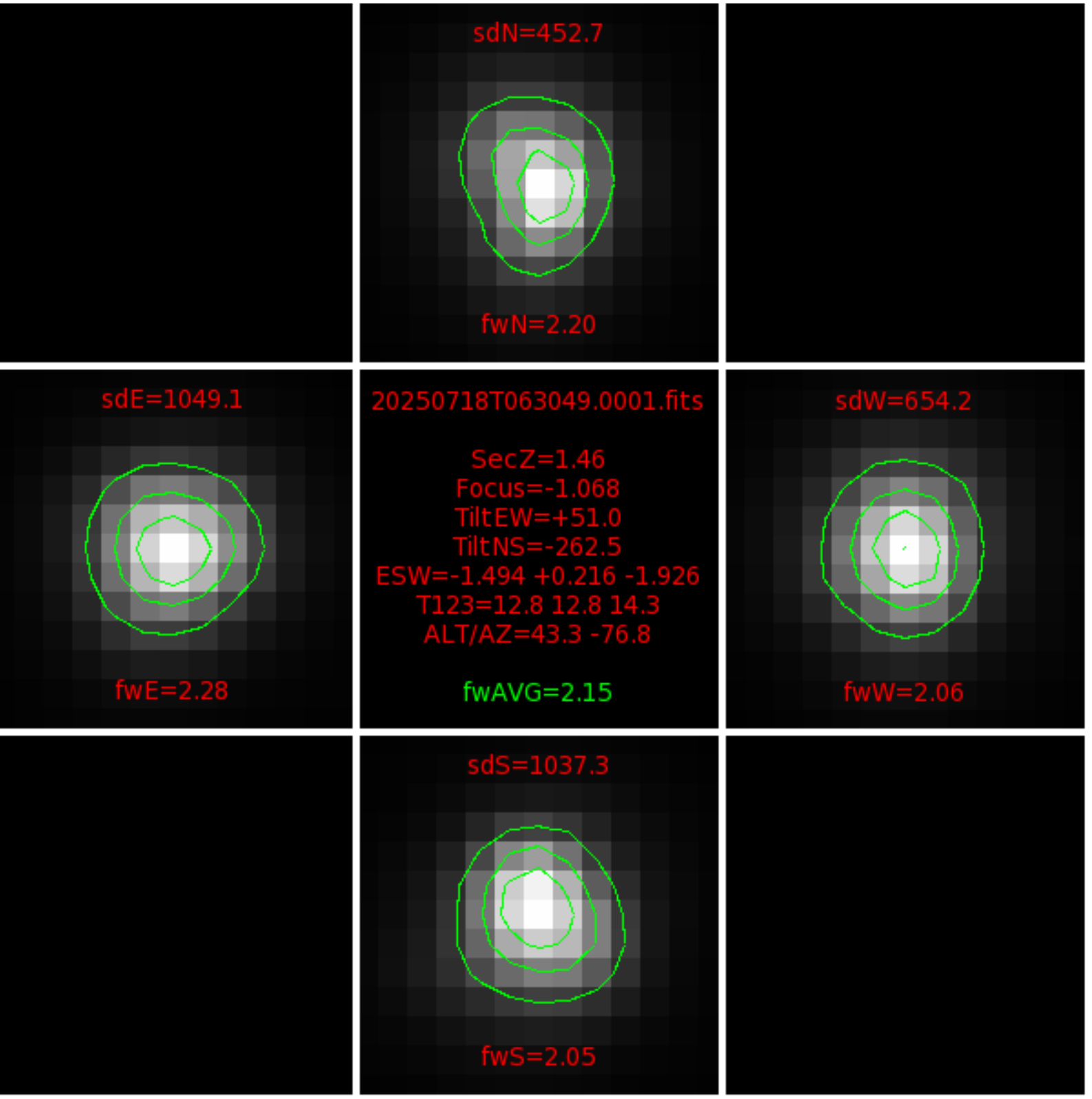
sdN=452.7
fwN=2.20
sdE=1049.1
fwE=2.28
20250718T063049.0001.fits
SecZ=1.46
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.3
ALT/AZ=43.3 -76.8
fwAVG=2.15
sdW=654.2
fwW=2.06
sdS=1037.3
fwS=2.05
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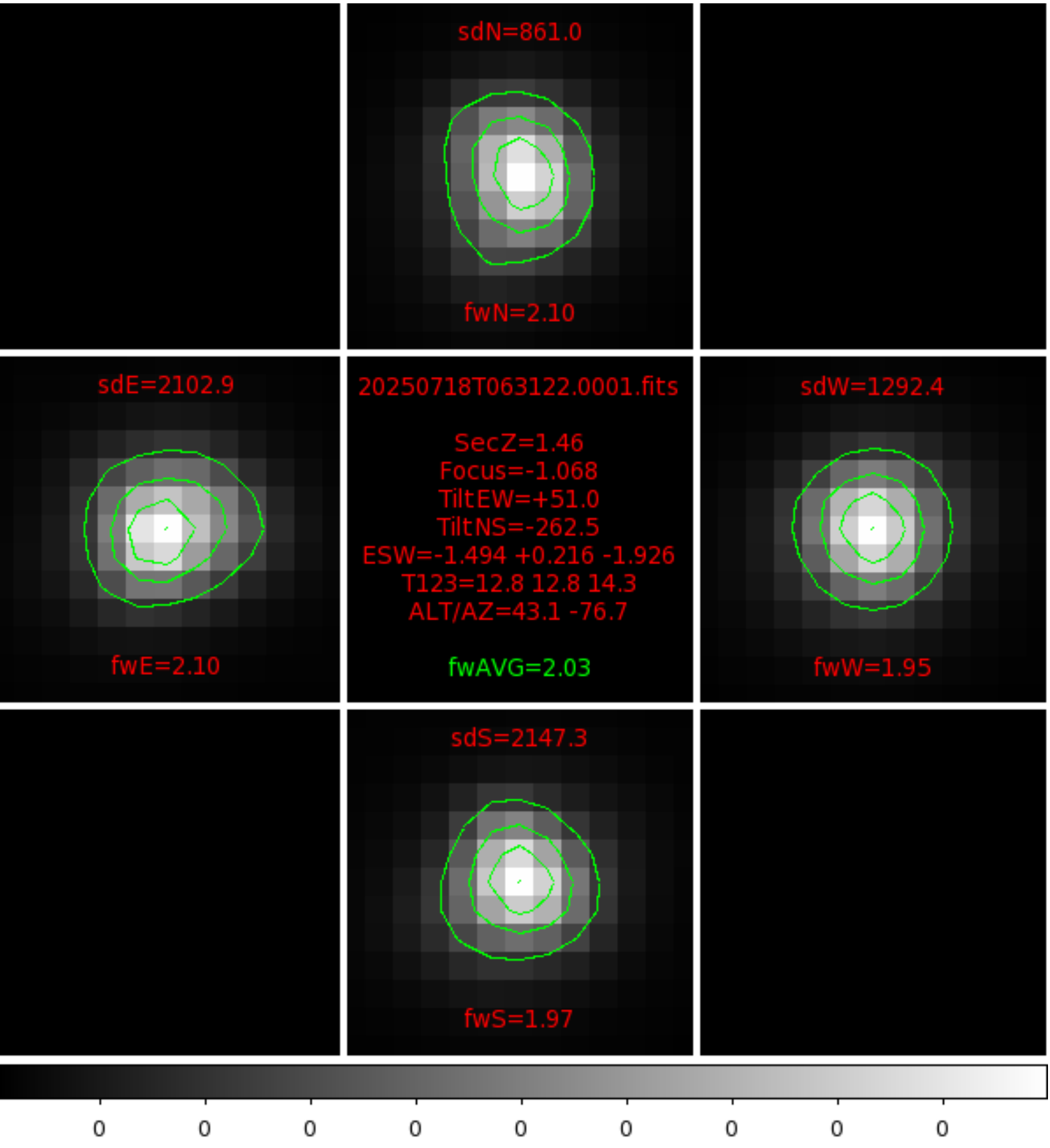
sdN=861.0
fwN=2.10
sdE=2102.9
fwE=2.10
20250718T063122.0001.fits
SecZ=1.46
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.3
ALT/AZ=43.1 -76.7
fwAVG=2.03
sdW=1292.4
fwW=1.95
sdS=2147.3
fwS=1.97
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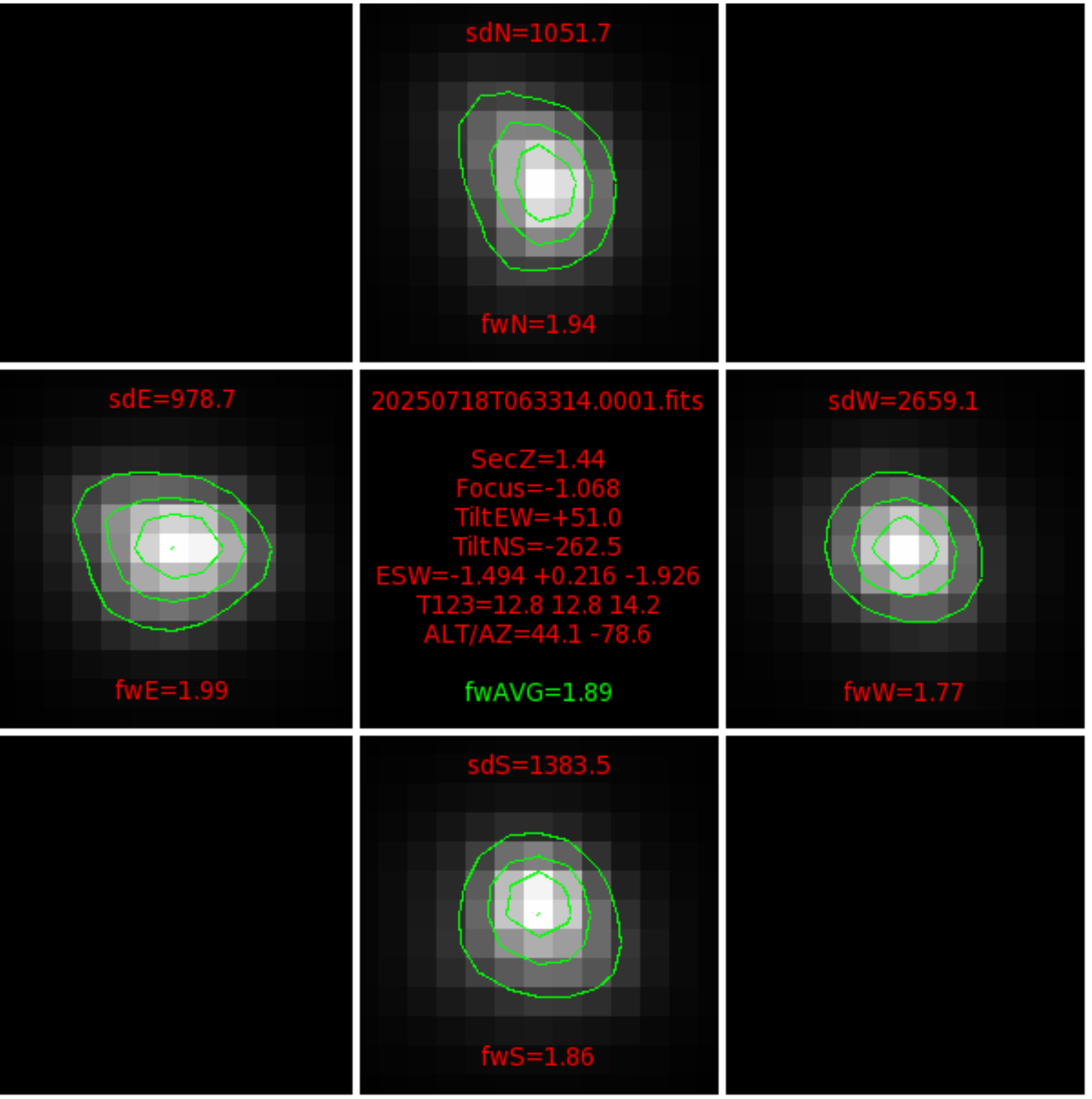
sdN=1051.7
fwN=1.94
sdE=978.7
fwE=1.99
20250718T063314.0001.fits
SecZ=1.44
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.8 12.8 14.2
ALT/AZ=44.1 -78.6
fwAVG=1.89
sdW=2659.1
fwW=1.77
sdS=1383.5
fwS=1.86
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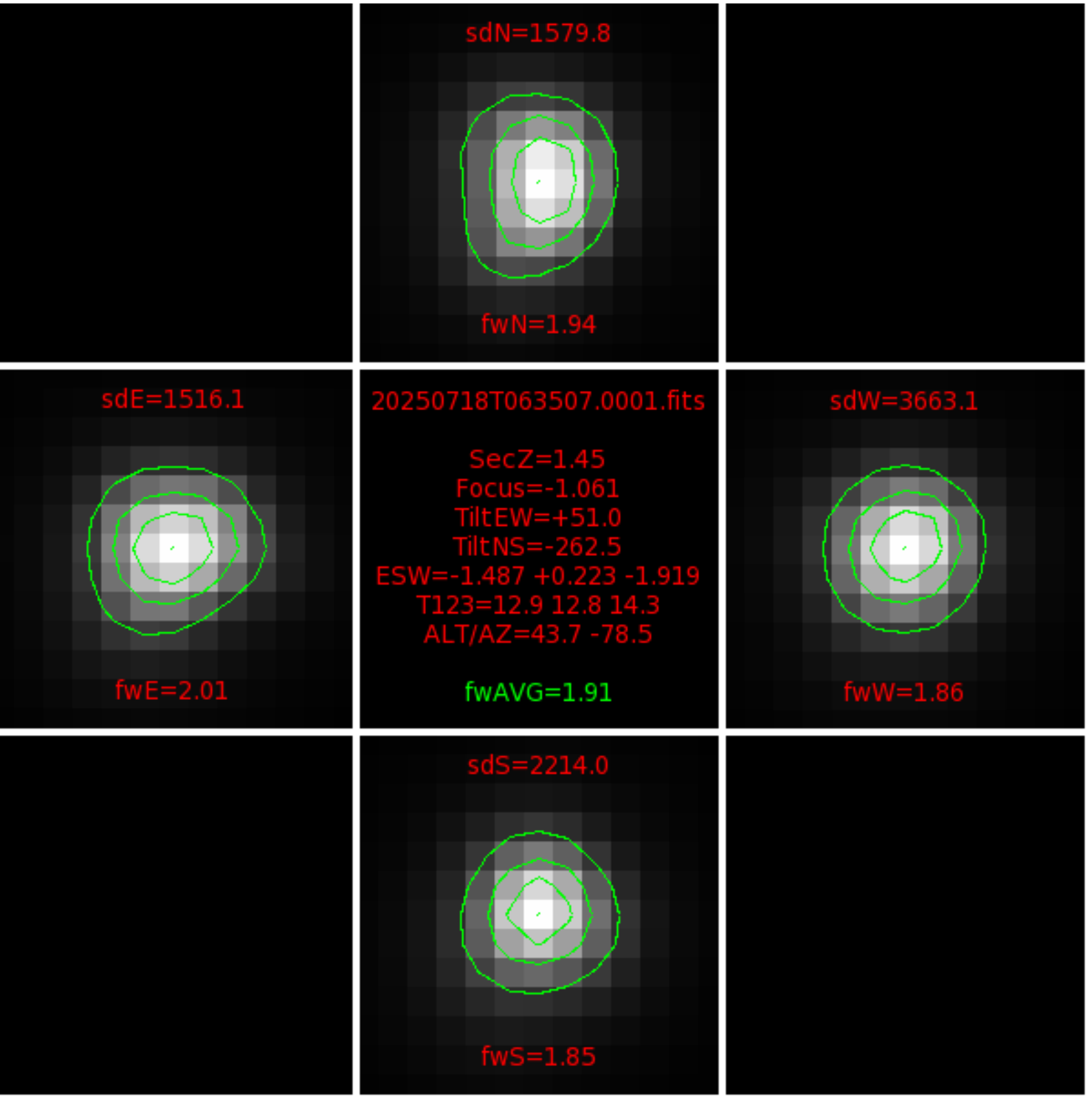
sdN=1579.8
fwN=1.94
sdE=1516.1
fwE=2.01
20250718T063507.0001.fits
SecZ=1.45
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.8 14.3
ALT/AZ=43.7 -78.5
fwAVG=1.91
sdW=3663.1
fwW=1.86
sdS=2214.0
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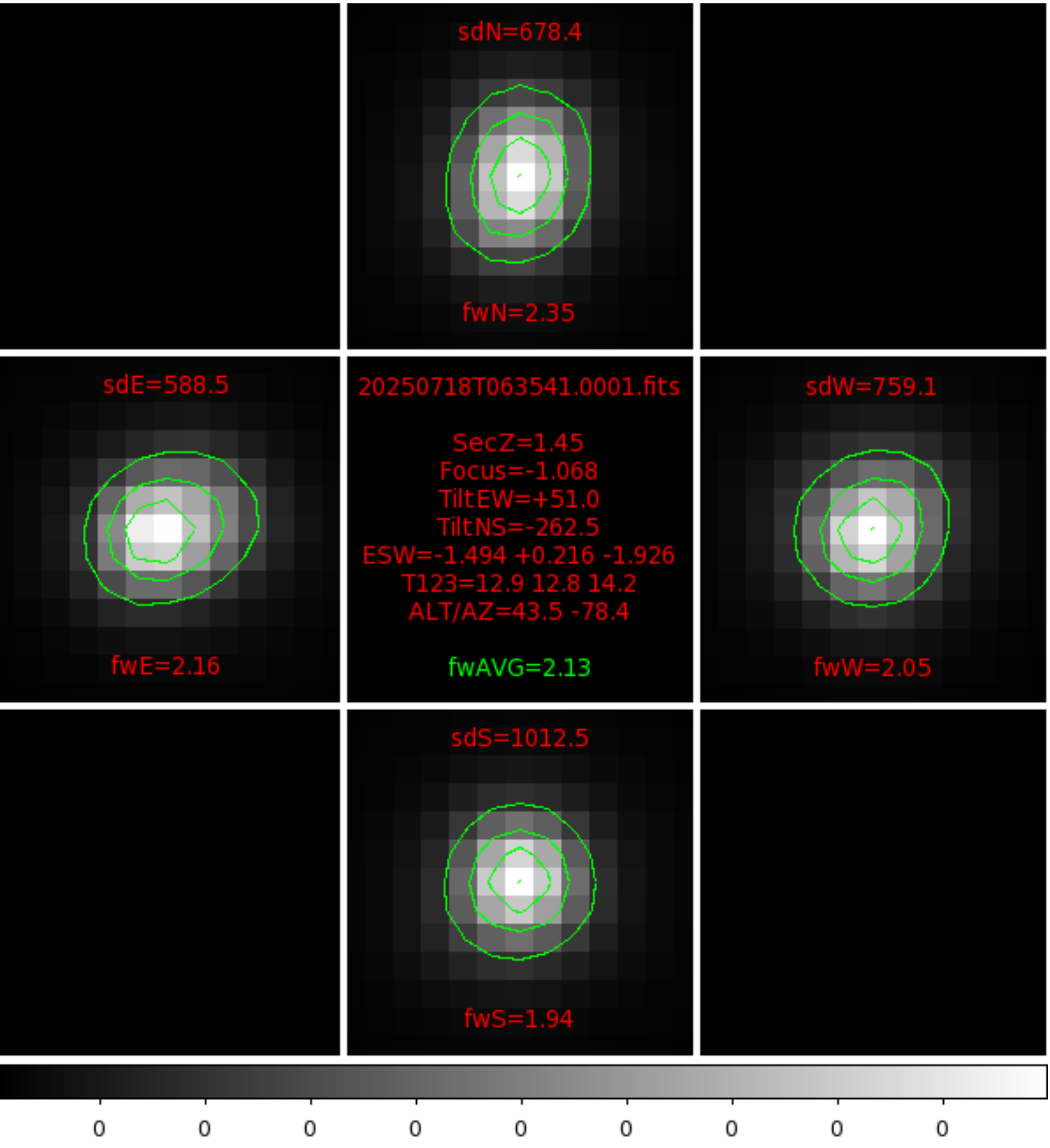
sdN=678.4
fwN=2.35
sdE=588.5
fwE=2.16
20250718T063541.0001.fits
SecZ=1.45
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.9 12.8 14.2
ALT/AZ=43.5 -78.4
fwAVG=2.13
sdW=759.1
fwW=2.05
sdS=1012.5
fwS=1.94
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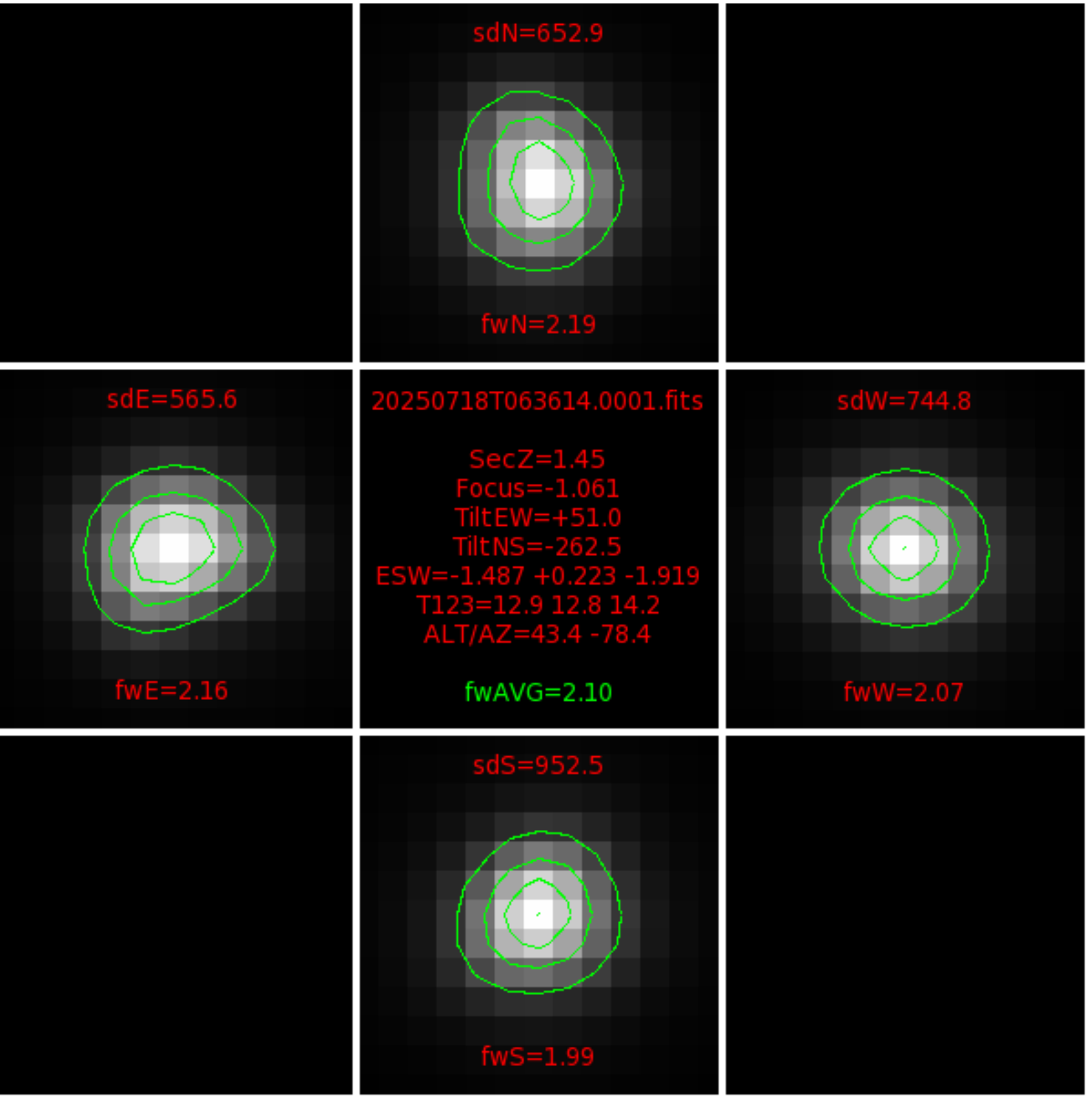
sdN=652.9
fwN=2.19
sdE=565.6
fwE=2.16
20250718T063614.0001.fits
SecZ=1.45
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.8 14.2
ALT/AZ=43.4 -78.4
fwAVG=2.10
sdW=744.8
fwW=2.07
sdS=952.5
fwS=1.99
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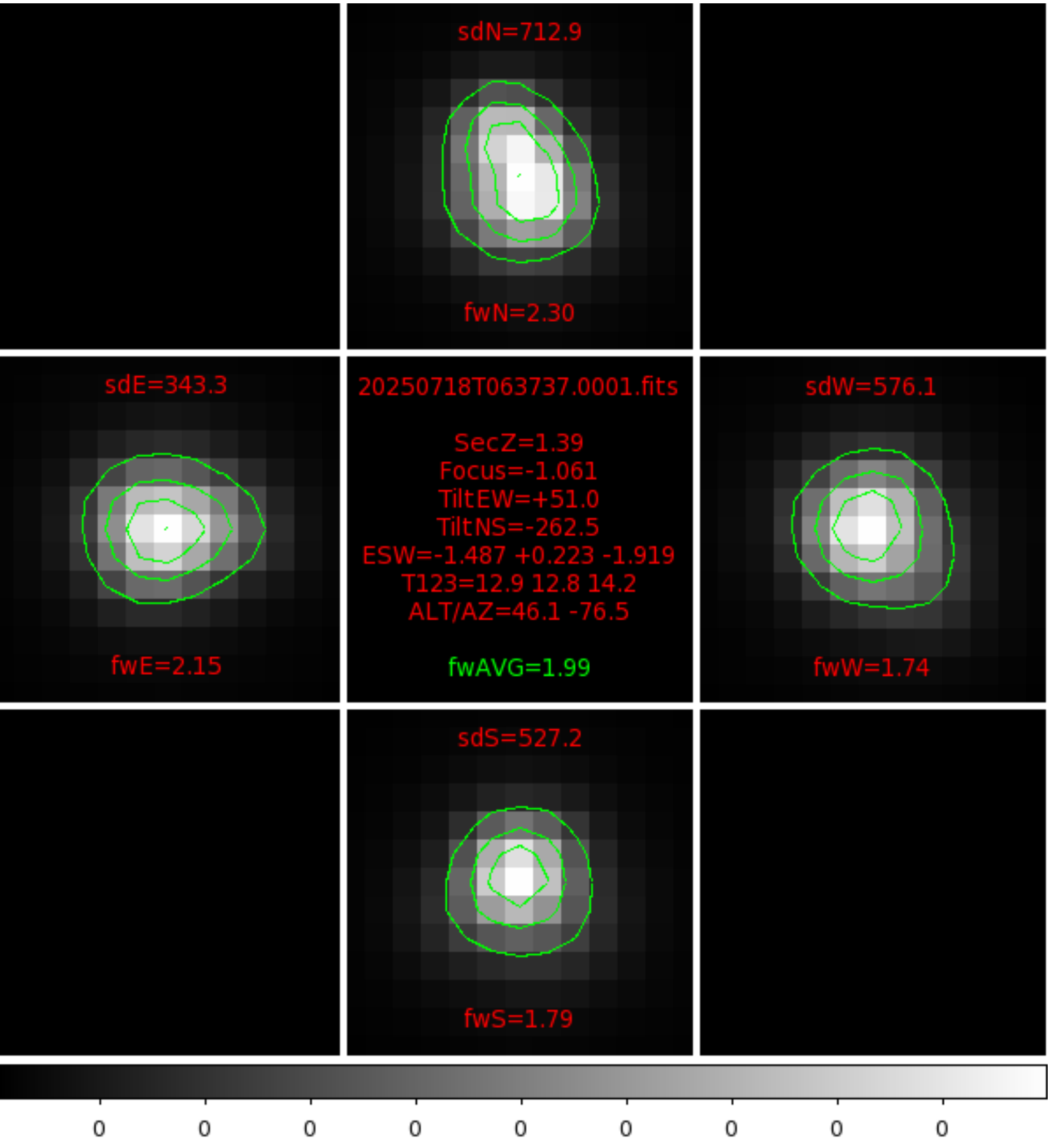
sdN=712.9
fwN=2.30
sdE=343.3
fwE=2.15
20250718T063737.0001.fits
SecZ=1.39
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.8 14.2
ALT/AZ=46.1 -76.5
fwAVG=1.99
sdW=576.1
fwW=1.74
sdS=527.2
fwS=1.79
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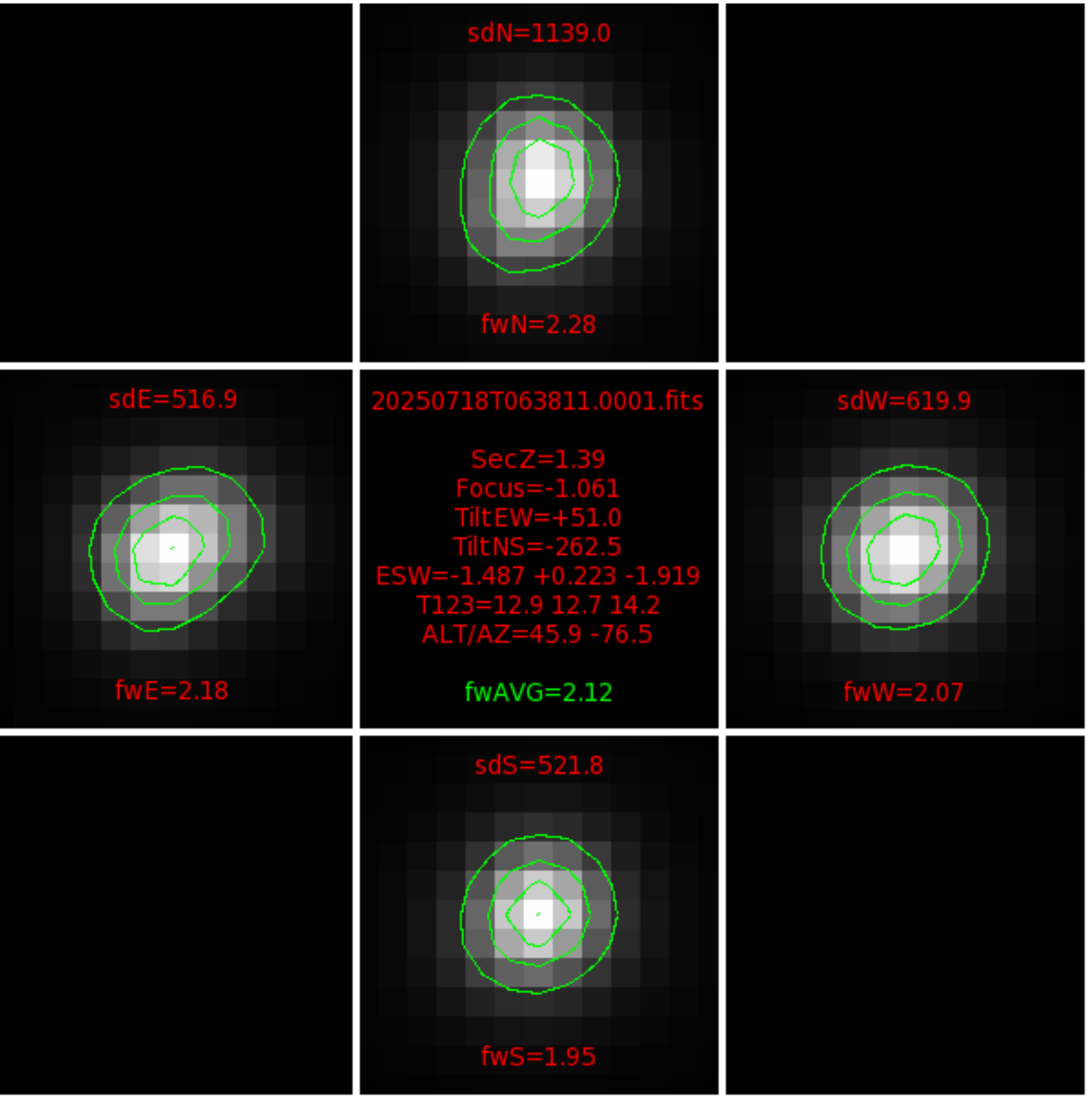
sdN=1139.0
fwN=2.28
sdE=516.9
fwE=2.18
20250718T063811.0001.fits
SecZ=1.39
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.7 14.2
ALT/AZ=45.9 -76.5
fwAVG=2.12
sdW=619.9
fwW=2.07
sdS=521.8
fwS=1.95
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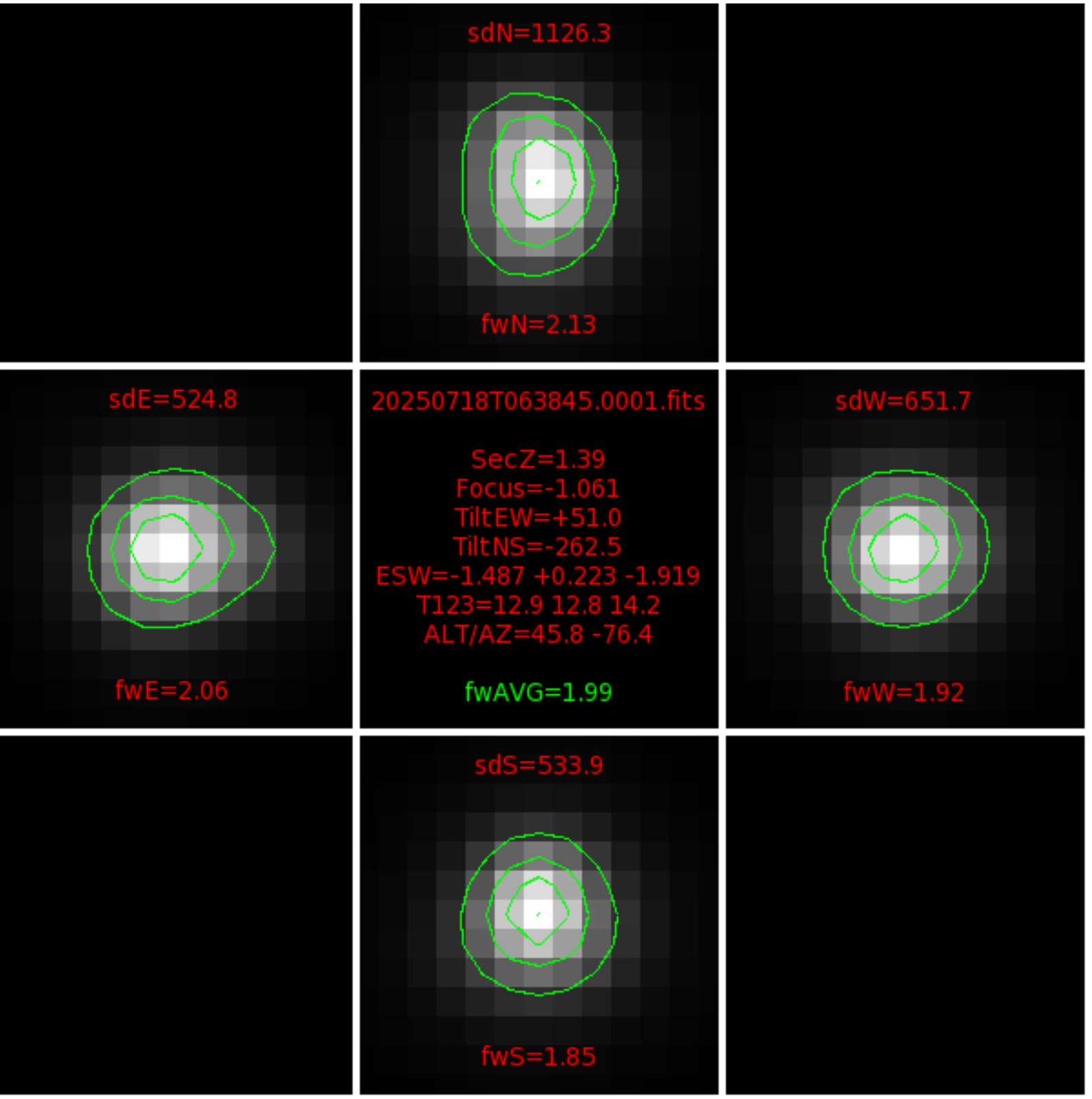
sdN=1126.3
fwN=2.13
sdE=524.8
fwE=2.06
20250718T063845.0001.fits
SecZ=1.39
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.8 14.2
ALT/AZ=45.8 -76.4
fwAVG=1.99
sdW=651.7
fwW=1.92
sdS=533.9
fwS=1.85
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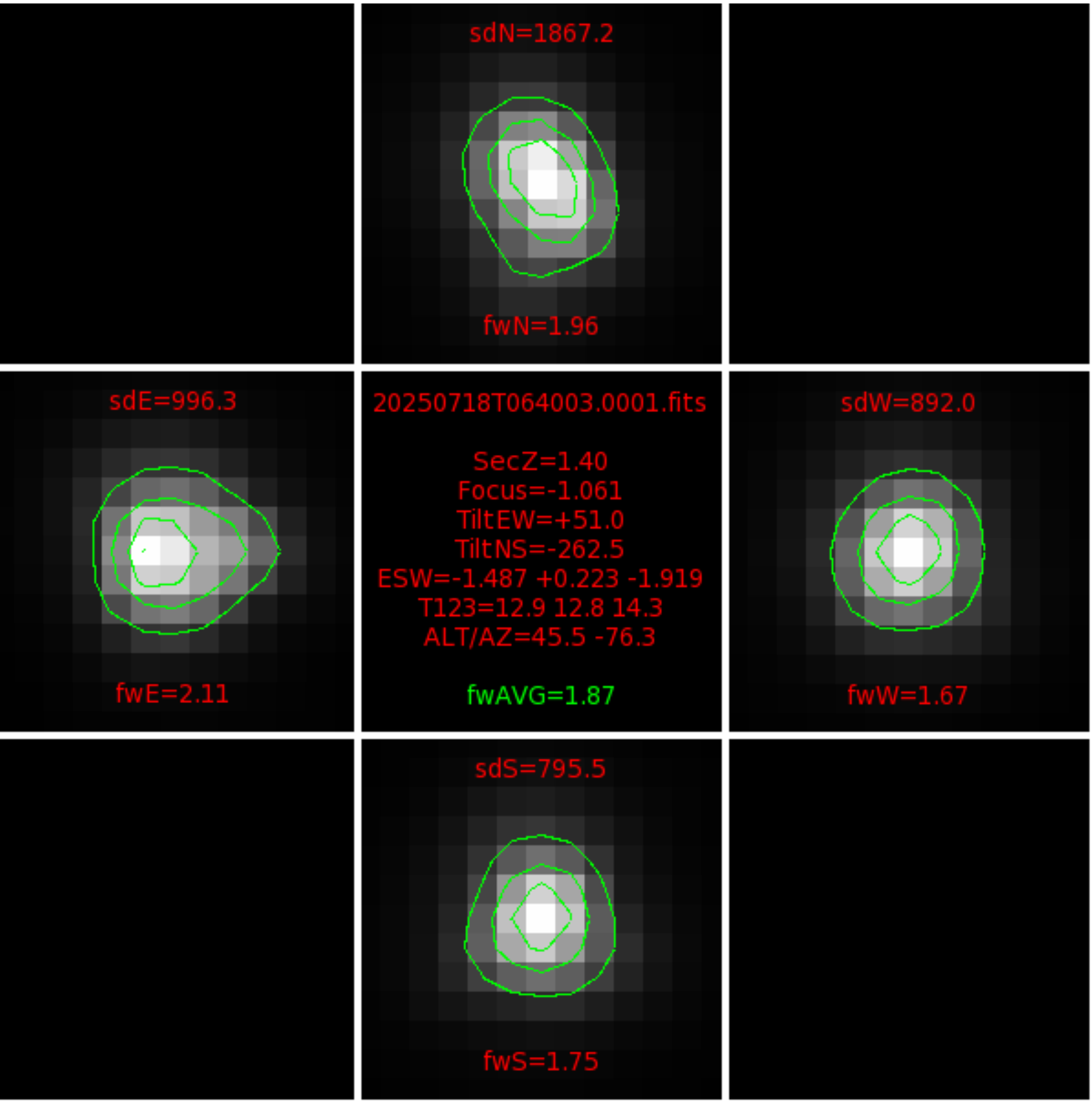
sdN=1867.2
fwN=1.96
sdE=996.3
fwE=2.11
20250718T064003.0001.fits
SecZ=1.40
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.8 14.3
ALT/AZ=45.5 -76.3
fwAVG=1.87
sdW=892.0
fwW=1.67
sdS=795.5
fwS=1.75
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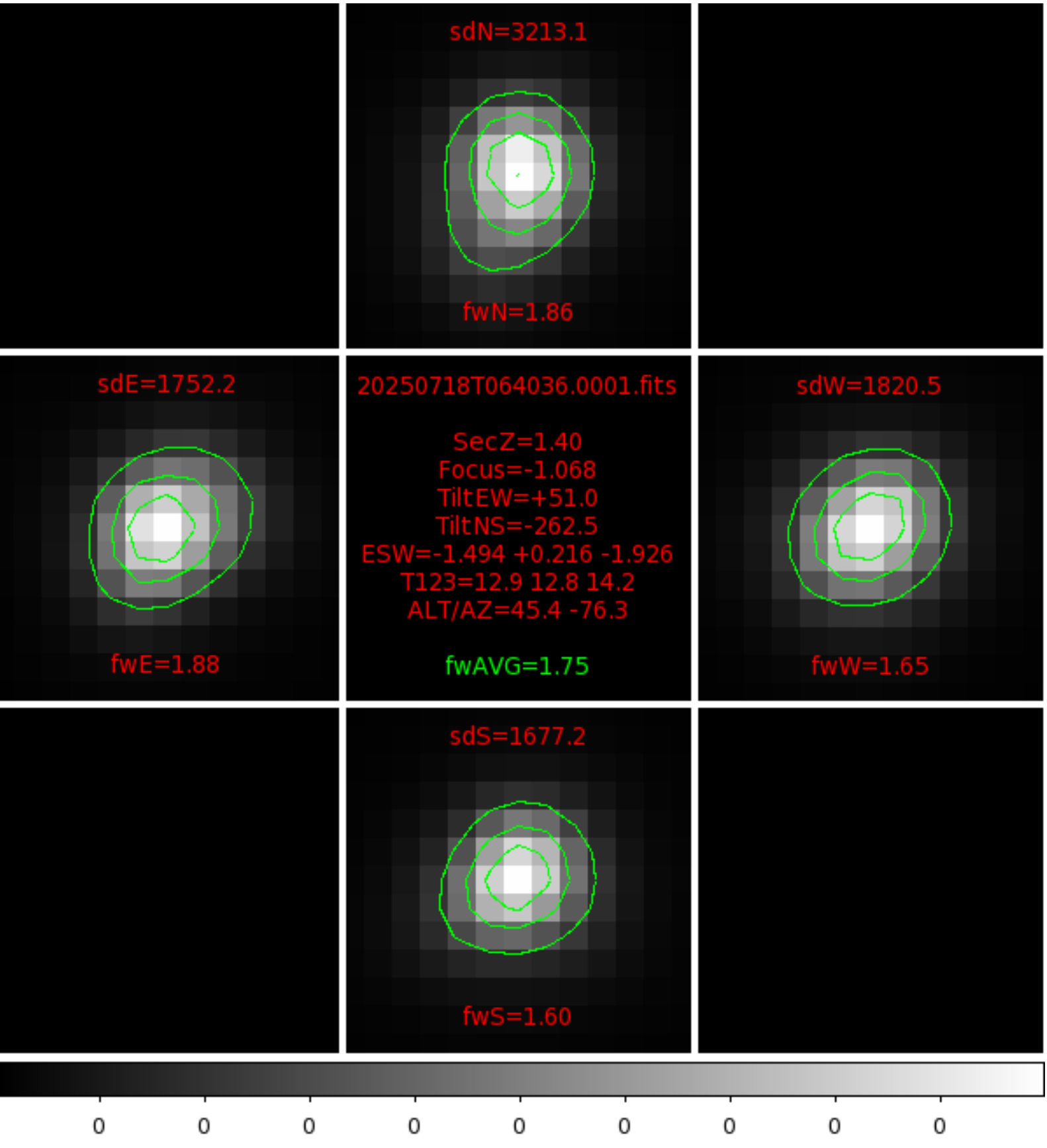
sdN=3213.1
fwN=1.86
sdE=1752.2
fwE=1.88
20250718T064036.0001.fits
SecZ=1.40
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.9 12.8 14.2
ALT/AZ=45.4 -76.3
fwAVG=1.75
sdW=1820.5
fwW=1.65
sdS=1677.2
fwS=1.60
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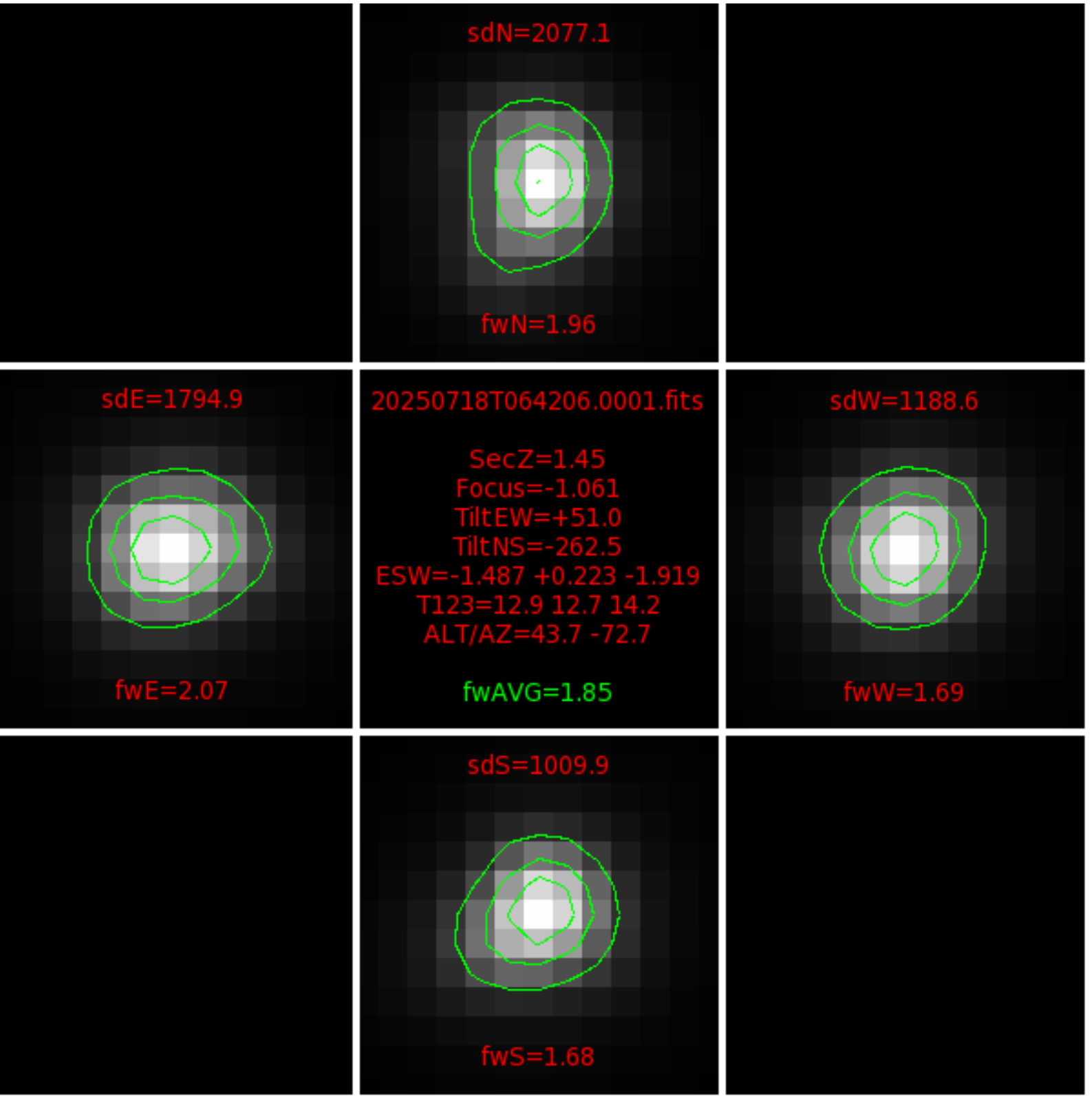
sdN=2077.1
fwN=1.96
sdE=1794.9
fwE=2.07
20250718T064206.0001.fits
SecZ=1.45
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.7 14.2
ALT/AZ=43.7 -72.7
fwAVG=1.85
sdW=1188.6
fwW=1.69
sdS=1009.9
fwS=1.68
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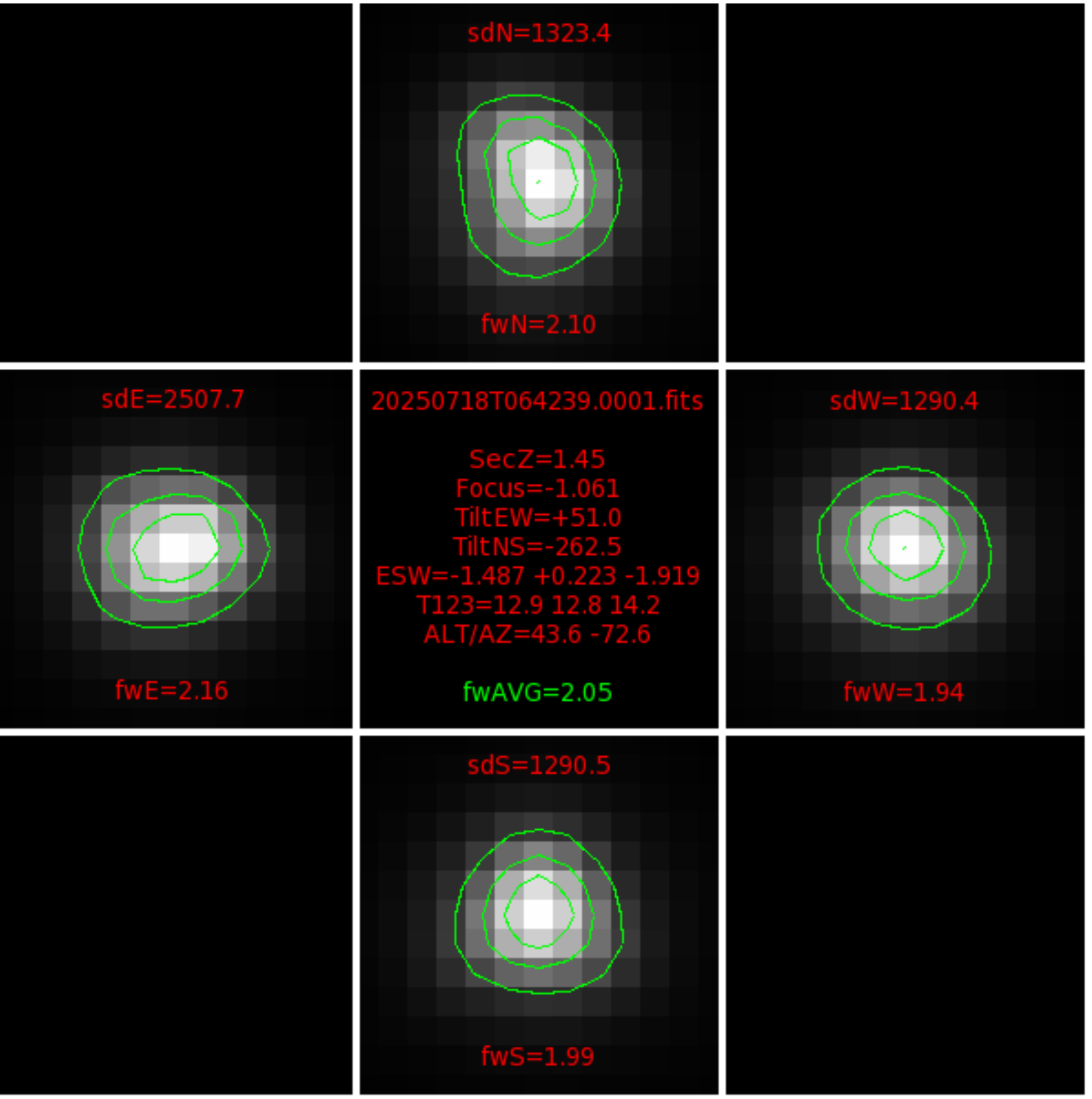
sdN=1323.4
fwN=2.10
sdE=2507.7
fwE=2.16
20250718T064239.0001.fits
SecZ=1.45
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.8 14.2
ALT/AZ=43.6 -72.6
fwAVG=2.05
sdW=1290.4
fwW=1.94
sdS=1290.5
fwS=1.99
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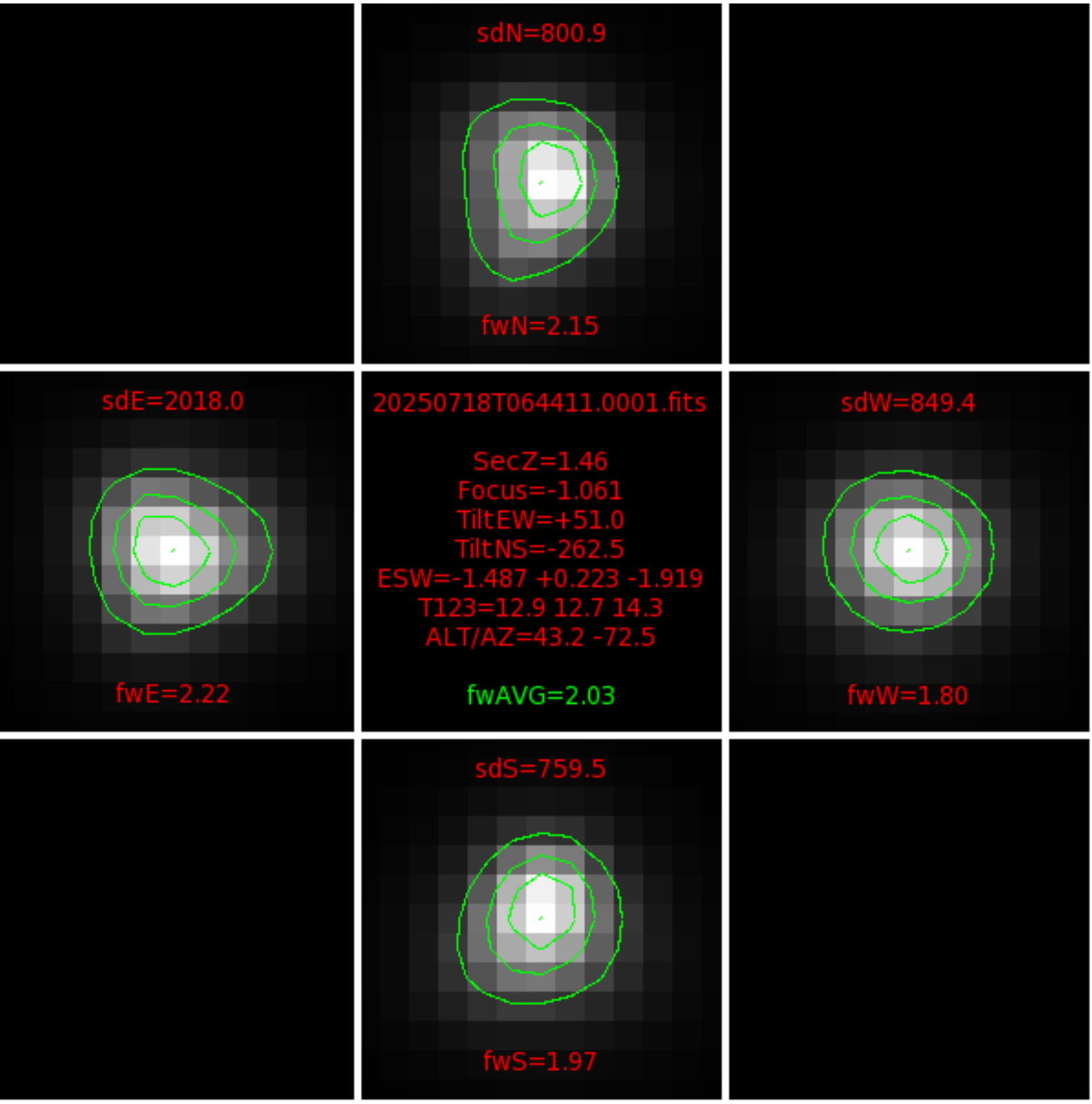
sdN=800.9
fwN=2.15
sdE=2018.0
fwE=2.22
20250718T064411.0001.fits
SecZ=1.46
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.7 14.3
ALT/AZ=43.2 -72.5
fwAVG=2.03
sdW=849.4
fwW=1.80
sdS=759.5
fwS=1.97
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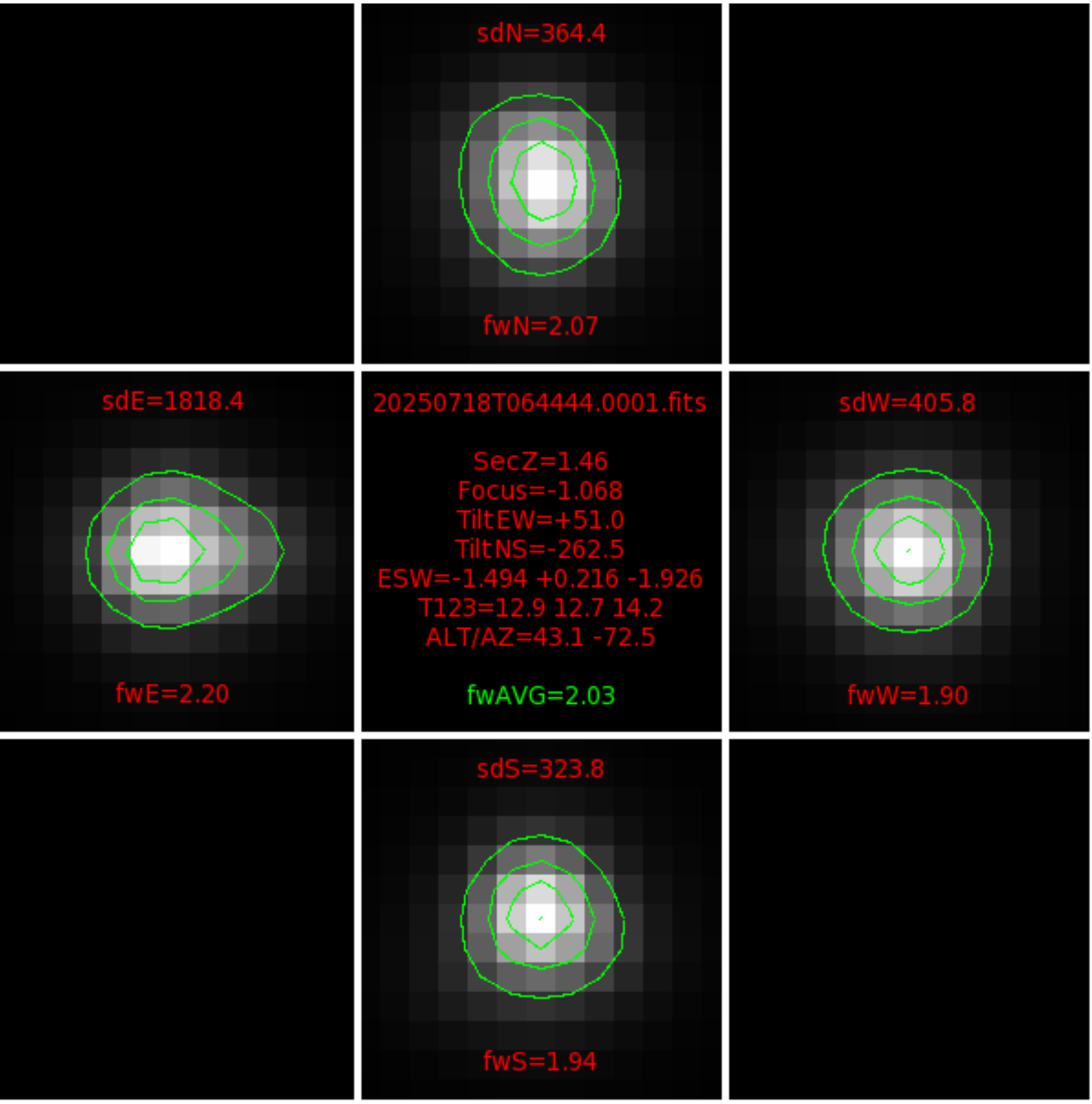
sdN=364.4
fwN=2.07
sdE=1818.4
fwE=2.20
20250718T064444.0001.fits
SecZ=1.46
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.9 12.7 14.2
ALT/AZ=43.1 -72.5
fwAVG=2.03
sdW=405.8
fwW=1.90
sdS=323.8
fwS=1.94
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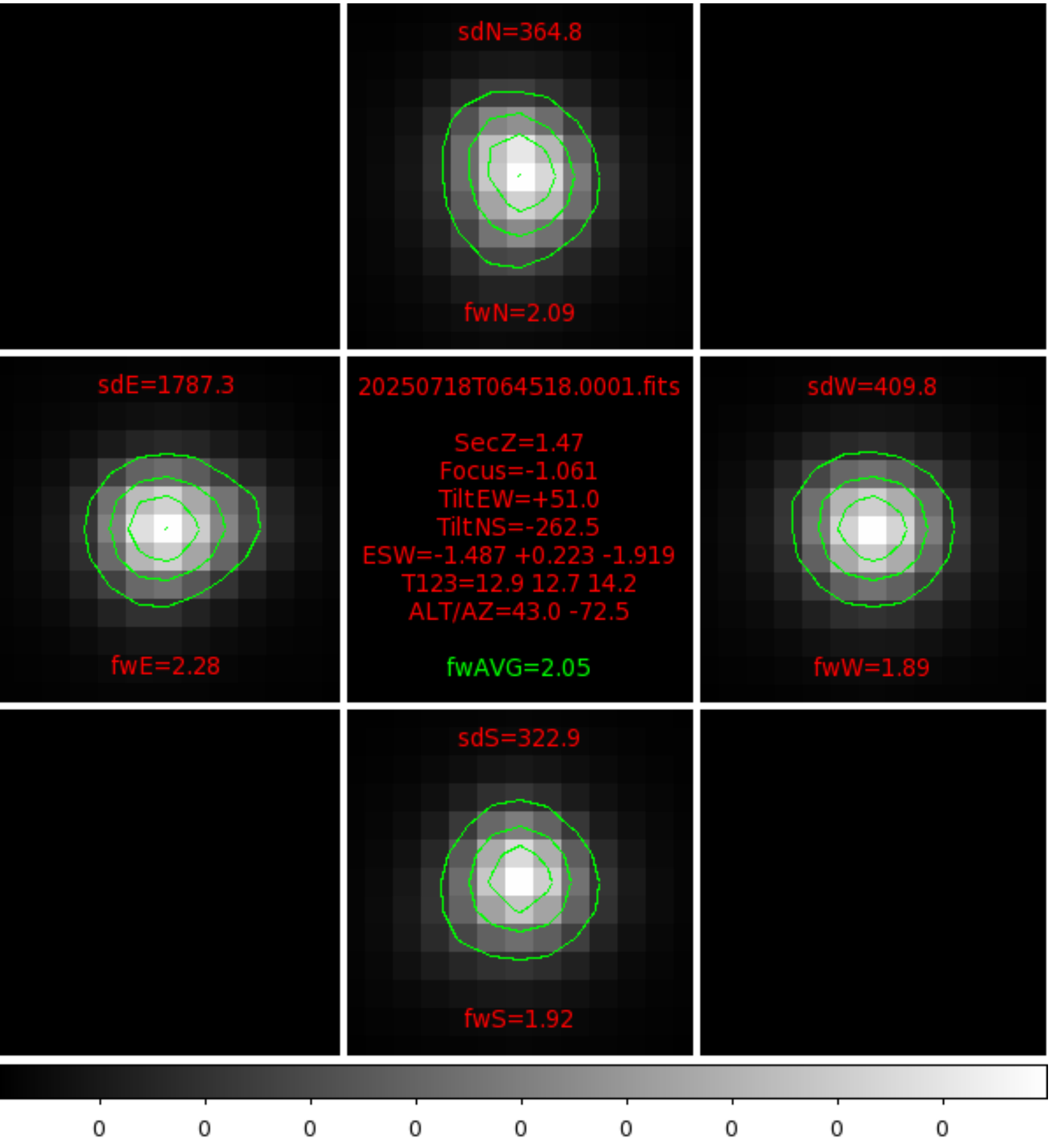
sdN=364.8
fwN=2.09
sdE=1787.3
fwE=2.28
20250718T064518.0001.fits
SecZ=1.47
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.7 14.2
ALT/AZ=43.0 -72.5
fwAVG=2.05
sdW=409.8
fwW=1.89
sdS=322.9
fwS=1.92
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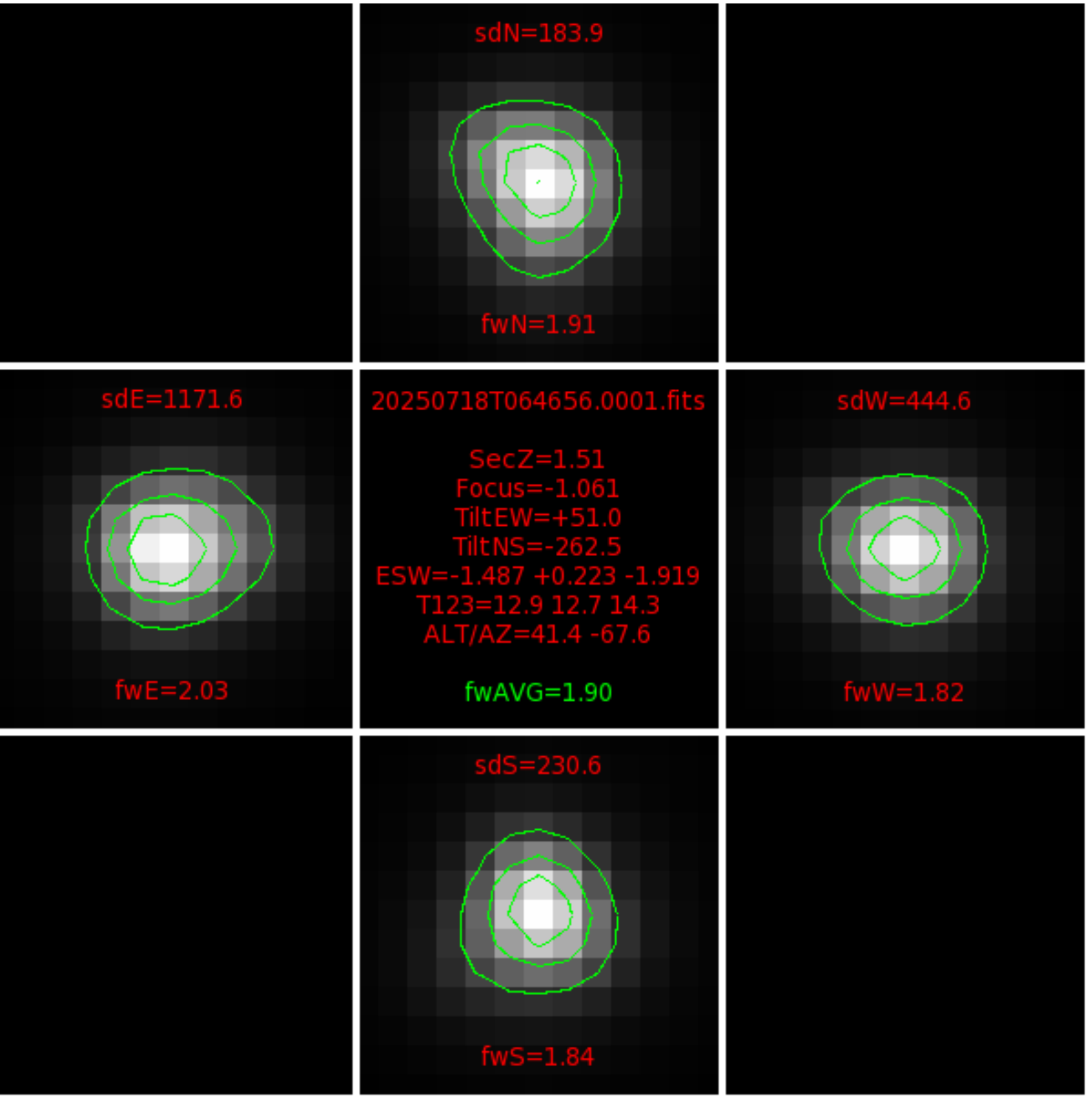
sdN=183.9
fwN=1.91
sdE=1171.6
fwE=2.03
20250718T064656.0001.fits
SecZ=1.51
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.7 14.3
ALT/AZ=41.4 -67.6
fwAVG=1.90
sdW=444.6
fwW=1.82
sdS=230.6
fwS=1.84
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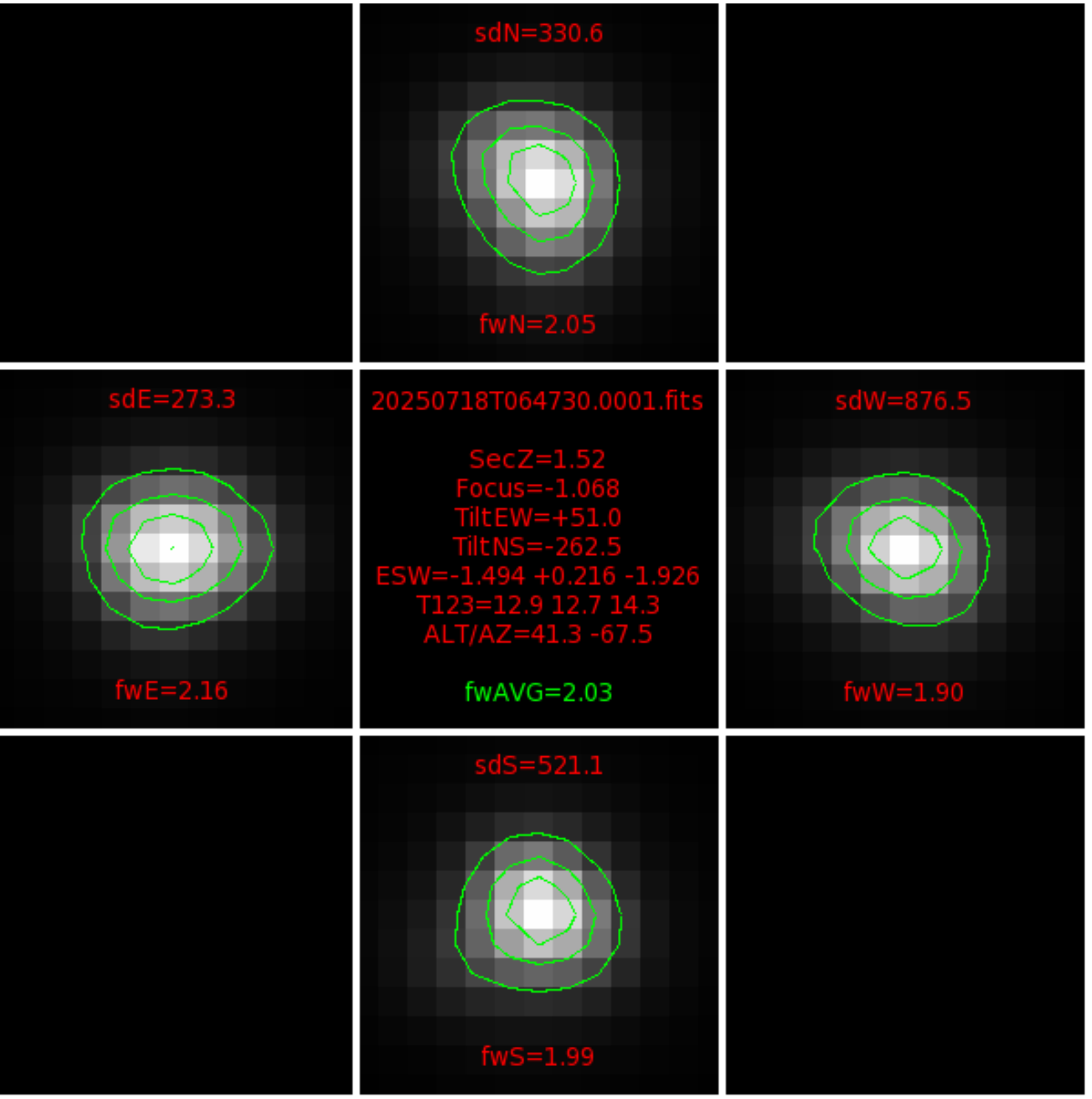
sdN=330.6
fwN=2.05
sdE=273.3
fwE=2.16
20250718T064730.0001.fits
SecZ=1.52
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.9 12.7 14.3
ALT/AZ=41.3 -67.5
fwAVG=2.03
sdW=876.5
fwW=1.90
sdS=521.1
fwS=1.99
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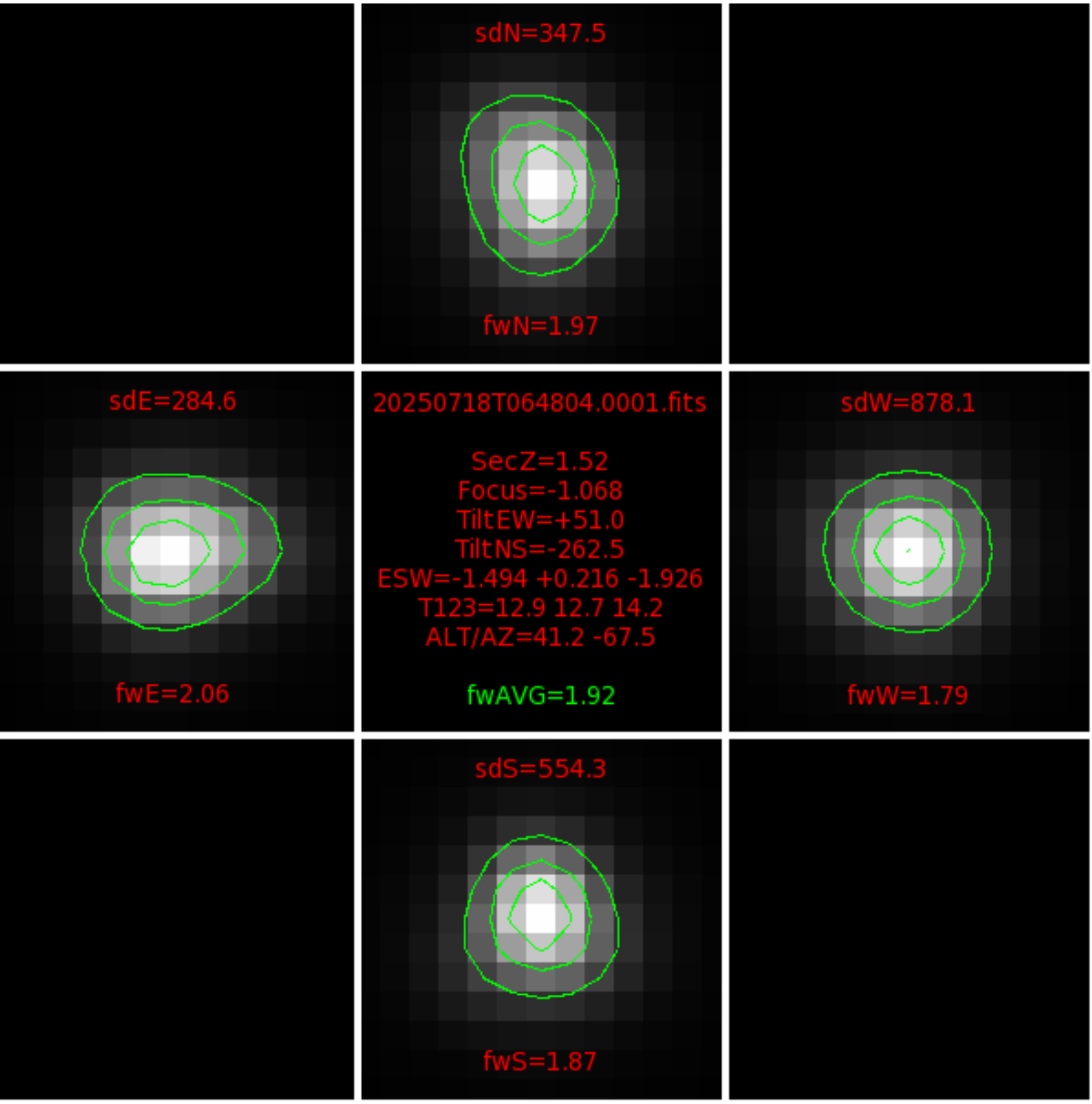
sdN=347.5
fwN=1.97
sdE=284.6
fwE=2.06
20250718T064804.0001.fits
SecZ=1.52
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=12.9 12.7 14.2
ALT/AZ=41.2 -67.5
fwAVG=1.92
sdW=878.1
fwW=1.79
sdS=554.3
fwS=1.87
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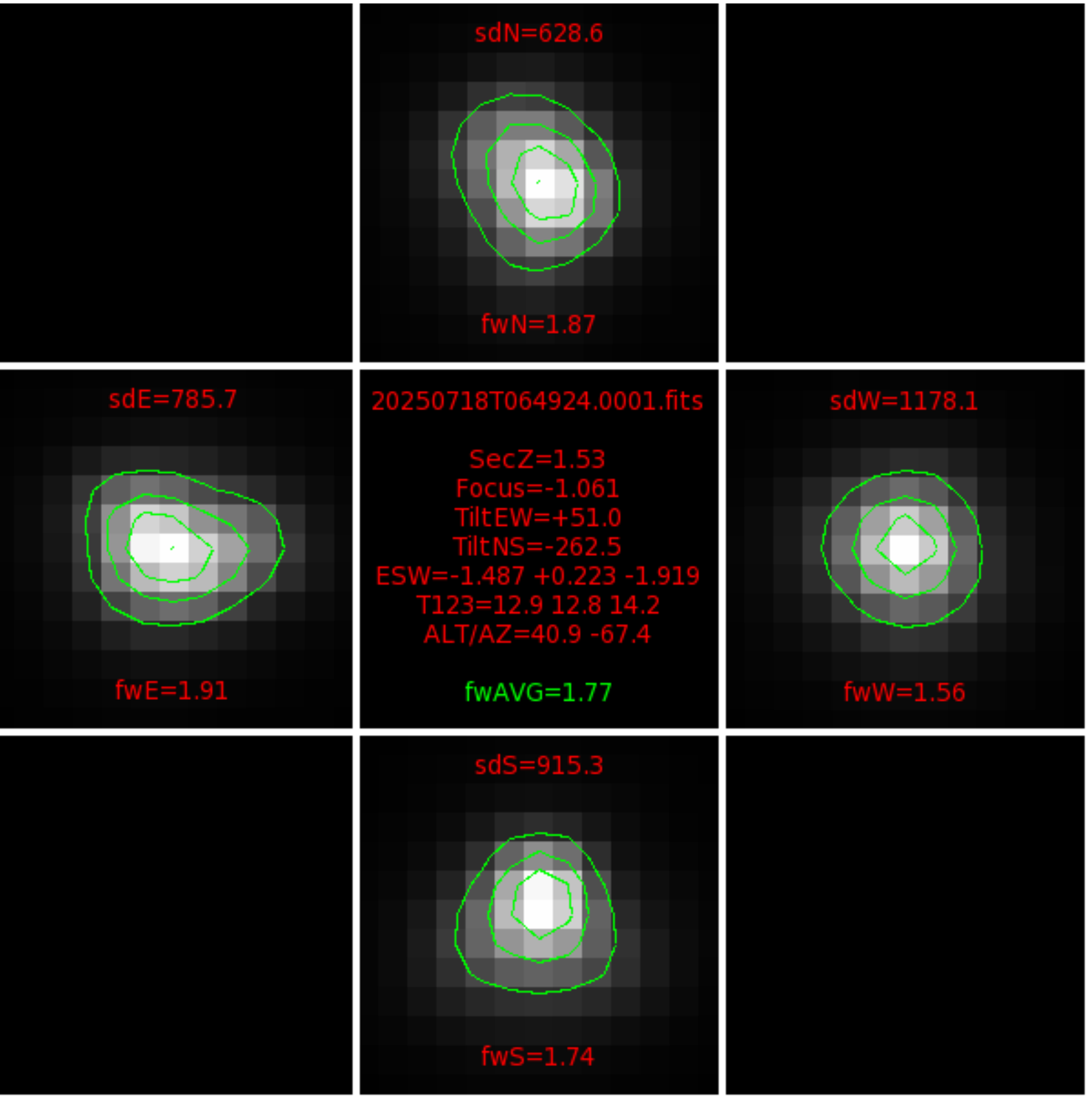
sdN=628.6
fwN=1.87
sdE=785.7
fwE=1.91
20250718T064924.0001.fits
SecZ=1.53
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.8 14.2
ALT/AZ=40.9 -67.4
fwAVG=1.77
sdW=1178.1
fwW=1.56
sdS=915.3
fwS=1.74
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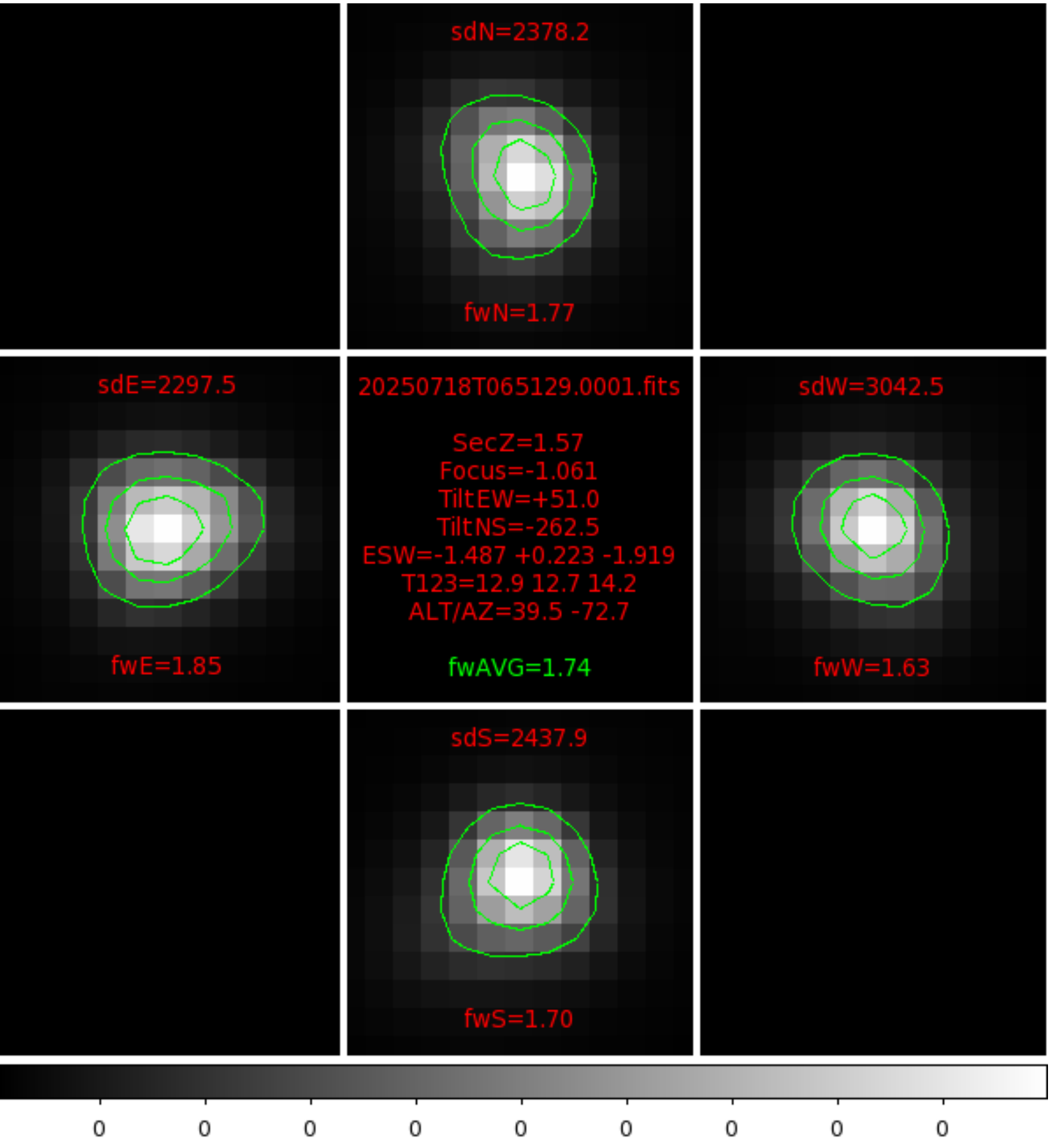
sdN=2378.2
fwN=1.77
sdE=2297.5
fwE=1.85
20250718T065129.0001.fits
SecZ=1.57
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.7 14.2
ALT/AZ=39.5 -72.7
fwAVG=1.74
sdW=3042.5
fwW=1.63
sdS=2437.9
fwS=1.70
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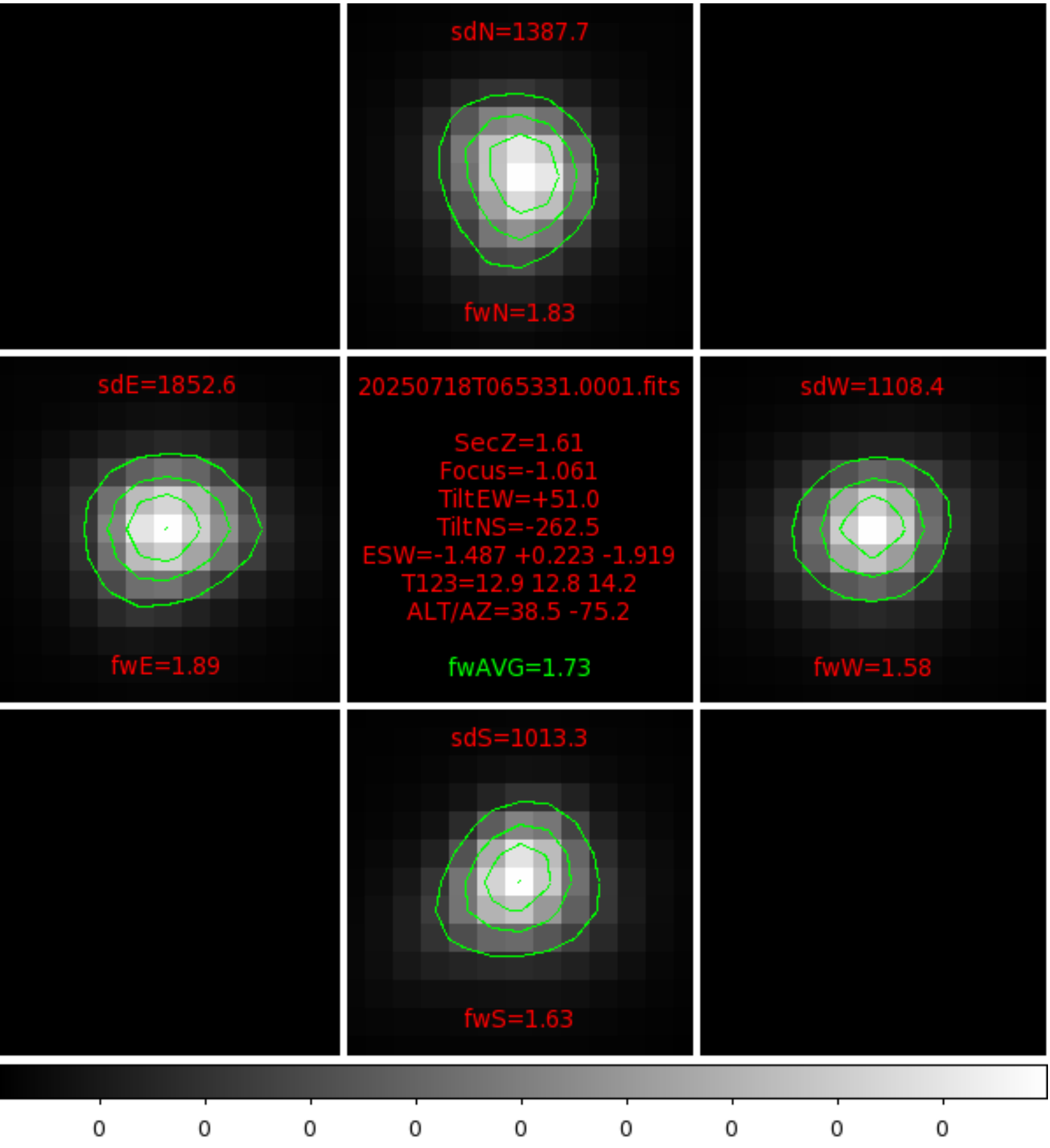
sdN=1387.7
fwN=1.83
sdE=1852.6
fwE=1.89
20250718T065331.0001.fits
SecZ=1.61
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.8 14.2
ALT/AZ=38.5 -75.2
fwAVG=1.73
sdW=1108.4
fwW=1.58
sdS=1013.3
fwS=1.63
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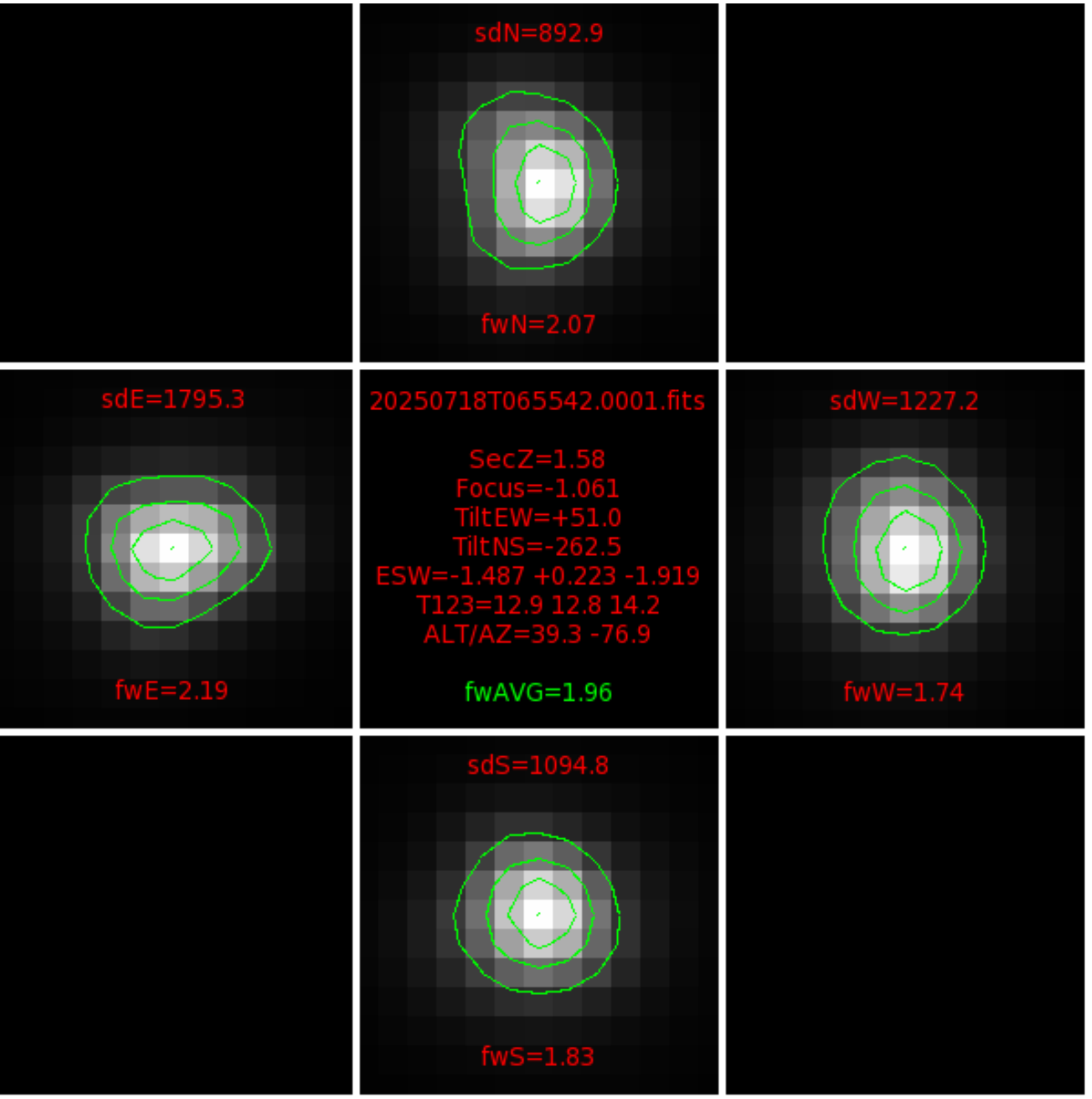
sdN=892.9
fwN=2.07
sdE=1795.3
fwE=2.19
20250718T065542.0001.fits
SecZ=1.58
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.8 14.2
ALT/AZ=39.3 -76.9
fwAVG=1.96
sdW=1227.2
fwW=1.74
sdS=1094.8
fwS=1.83
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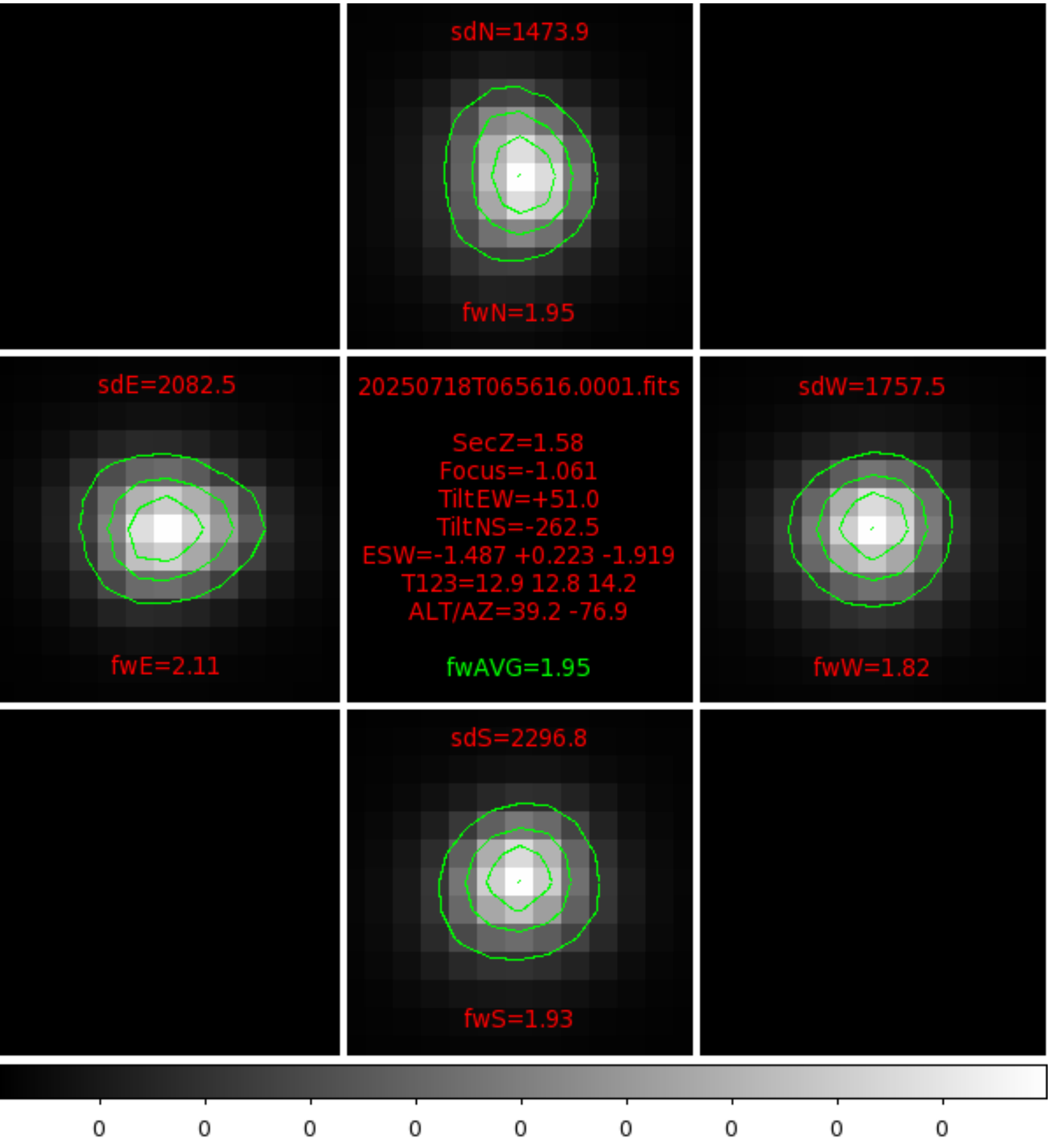
sdN=1473.9
fwN=1.95
sdE=2082.5
fwE=2.11
20250718T065616.0001.fits
SecZ=1.58
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.8 14.2
ALT/AZ=39.2 -76.9
fwAVG=1.95
sdW=1757.5
fwW=1.82
sdS=2296.8
fwS=1.93
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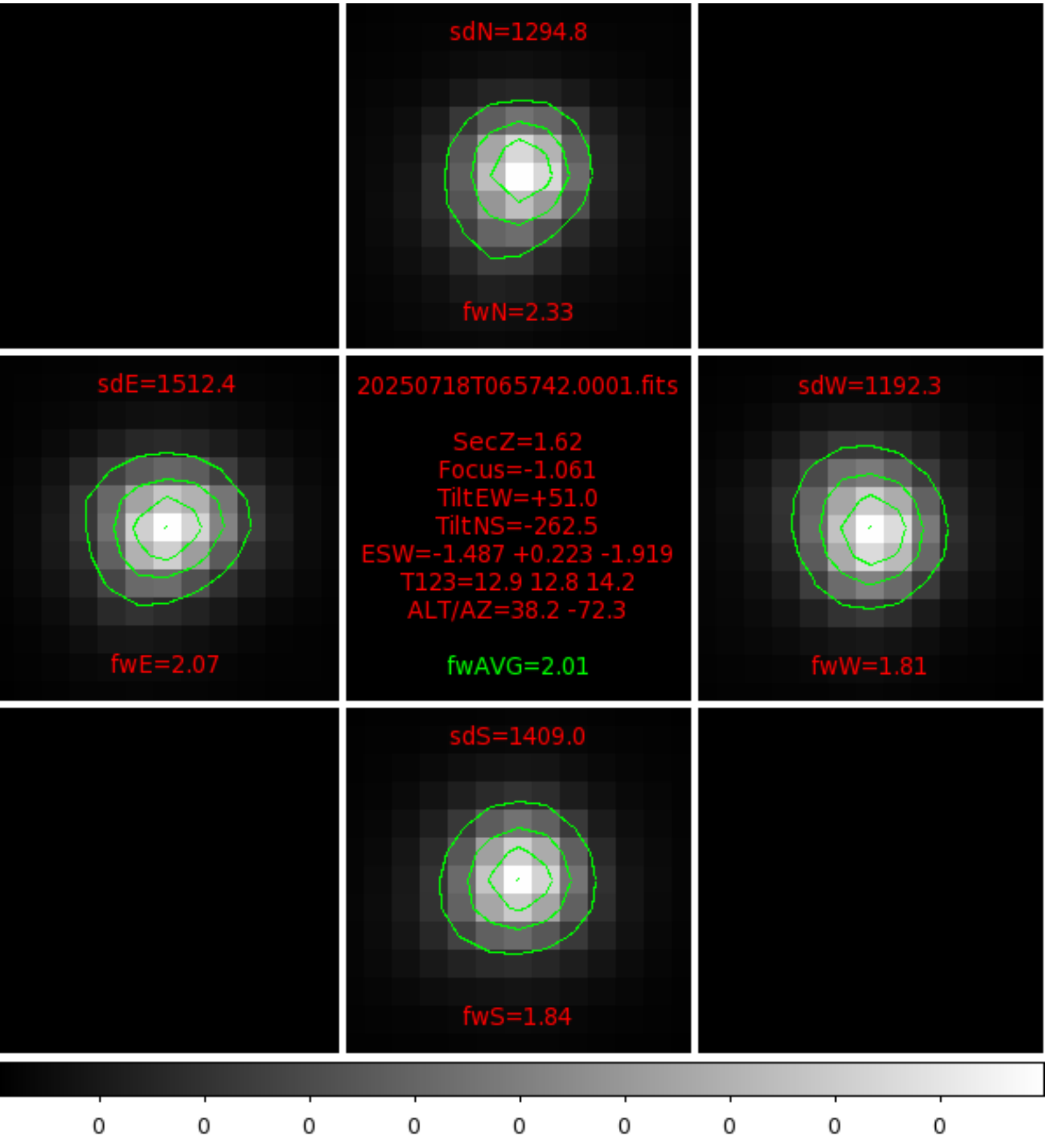
sdN=1294.8
fwN=2.33
sdE=1512.4
fwE=2.07
20250718T065742.0001.fits
SecZ=1.62
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.8 14.2
ALT/AZ=38.2 -72.3
fwAVG=2.01
sdW=1192.3
fwW=1.81
sdS=1409.0
fwS=1.84
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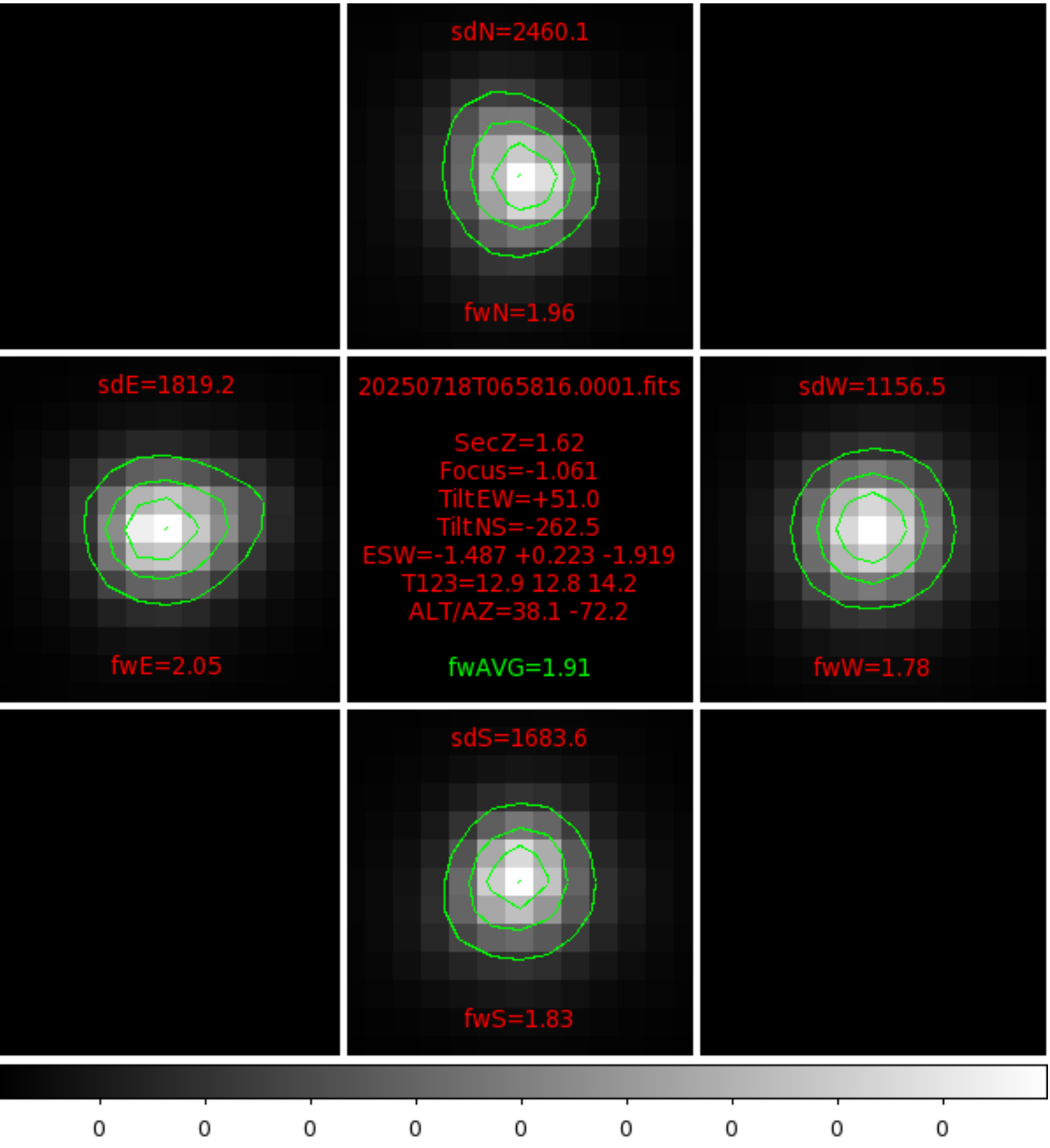
sdN=2460.1
fwN=1.96
sdE=1819.2
fwE=2.05
20250718T065816.0001.fits
SecZ=1.62
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=12.9 12.8 14.2
ALT/AZ=38.1 -72.2
fwAVG=1.91
sdW=1156.5
fwW=1.78
sdS=1683.6
fwS=1.83
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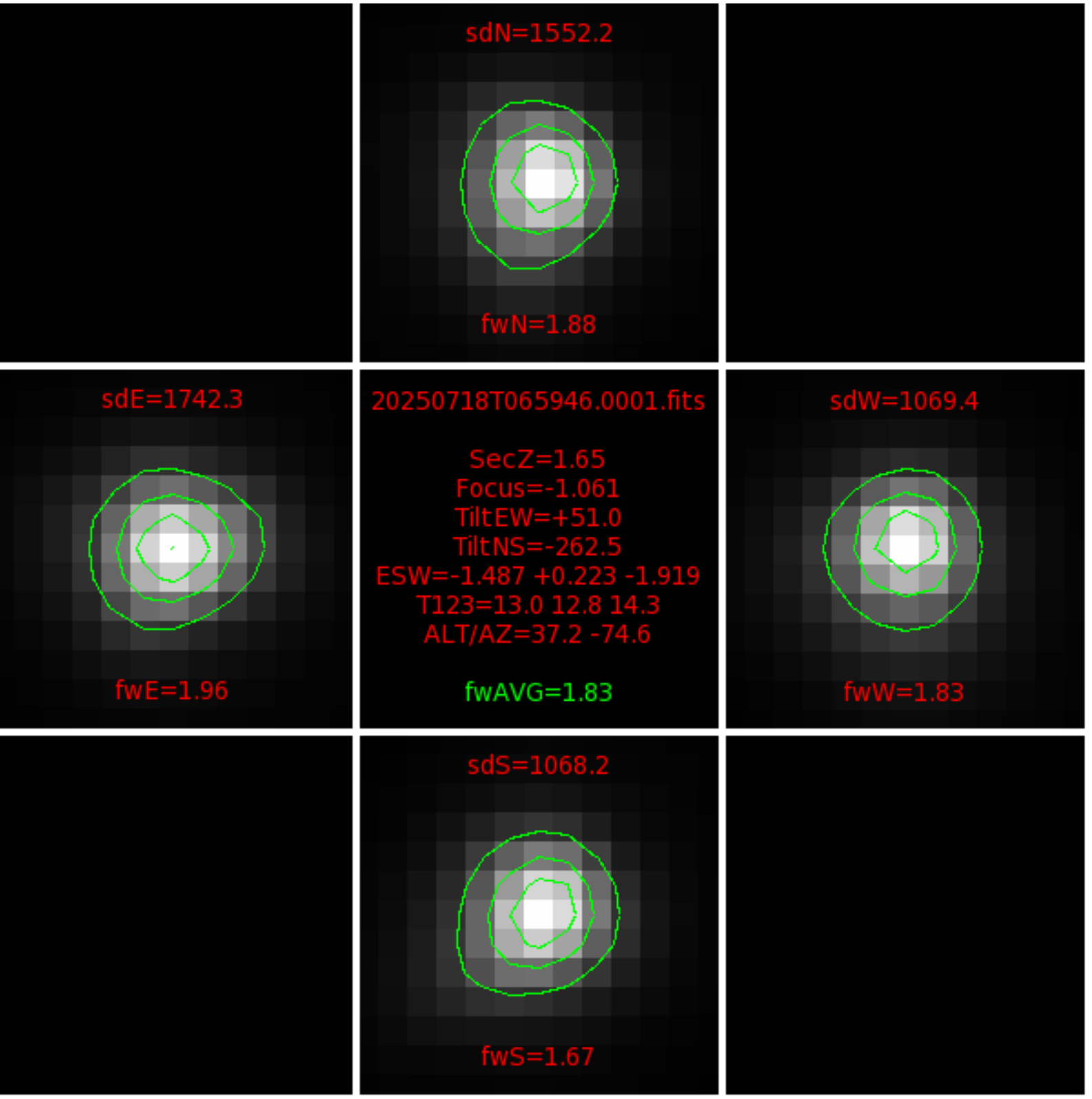
sdN=1552.2
fwN=1.88
sdE=1742.3
fwE=1.96
20250718T065946.0001.fits
SecZ=1.65
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=13.0 12.8 14.3
ALT/AZ=37.2 -74.6
fwAVG=1.83
sdW=1069.4
fwW=1.83
sdS=1068.2
fwS=1.67
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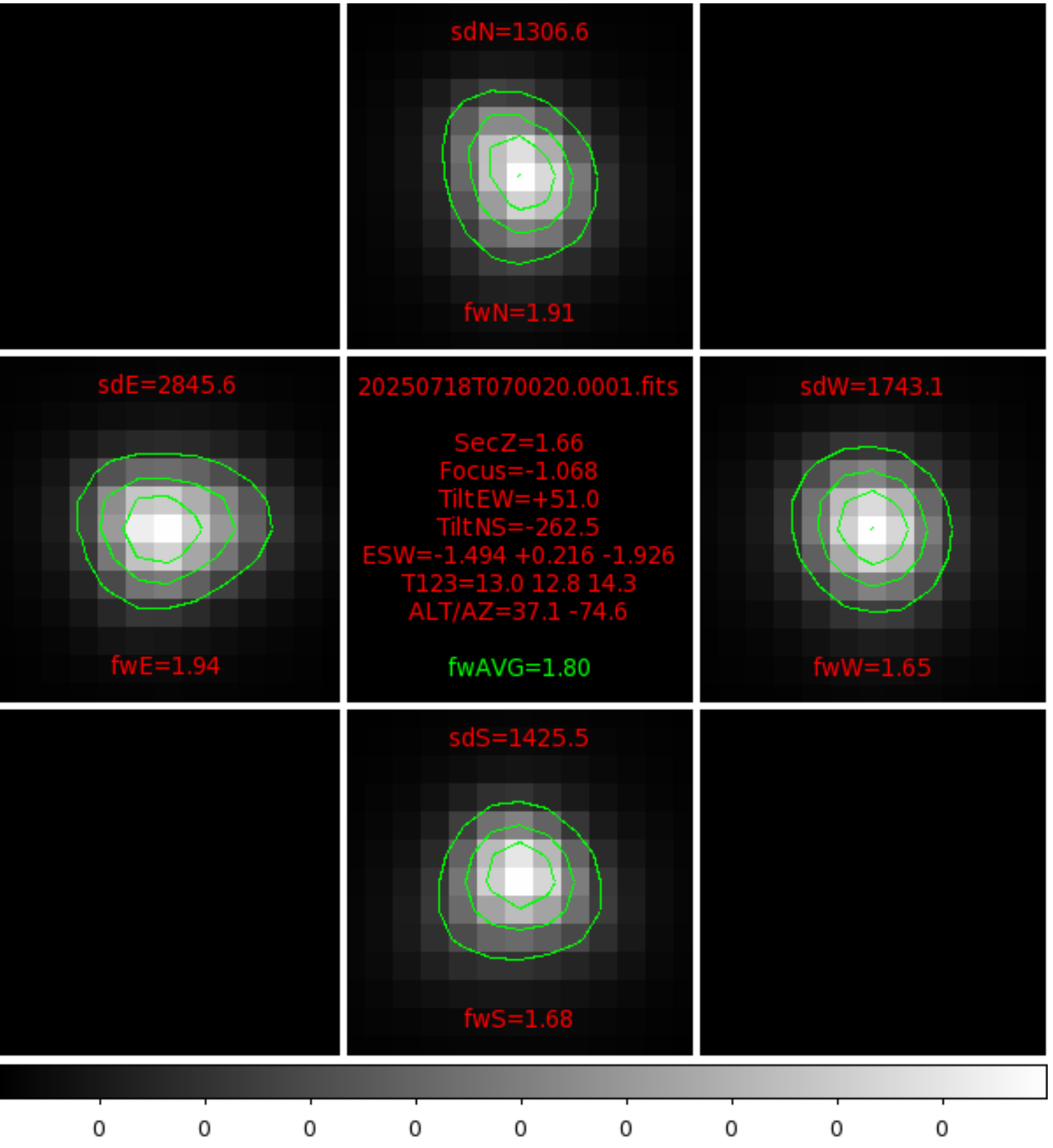
sdN=1306.6
fwN=1.91
sdE=2845.6
fwE=1.94
20250718T070020.0001.fits
SecZ=1.66
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.0 12.8 14.3
ALT/AZ=37.1 -74.6
fwAVG=1.80
sdW=1743.1
fwW=1.65
sdS=1425.5
fwS=1.68
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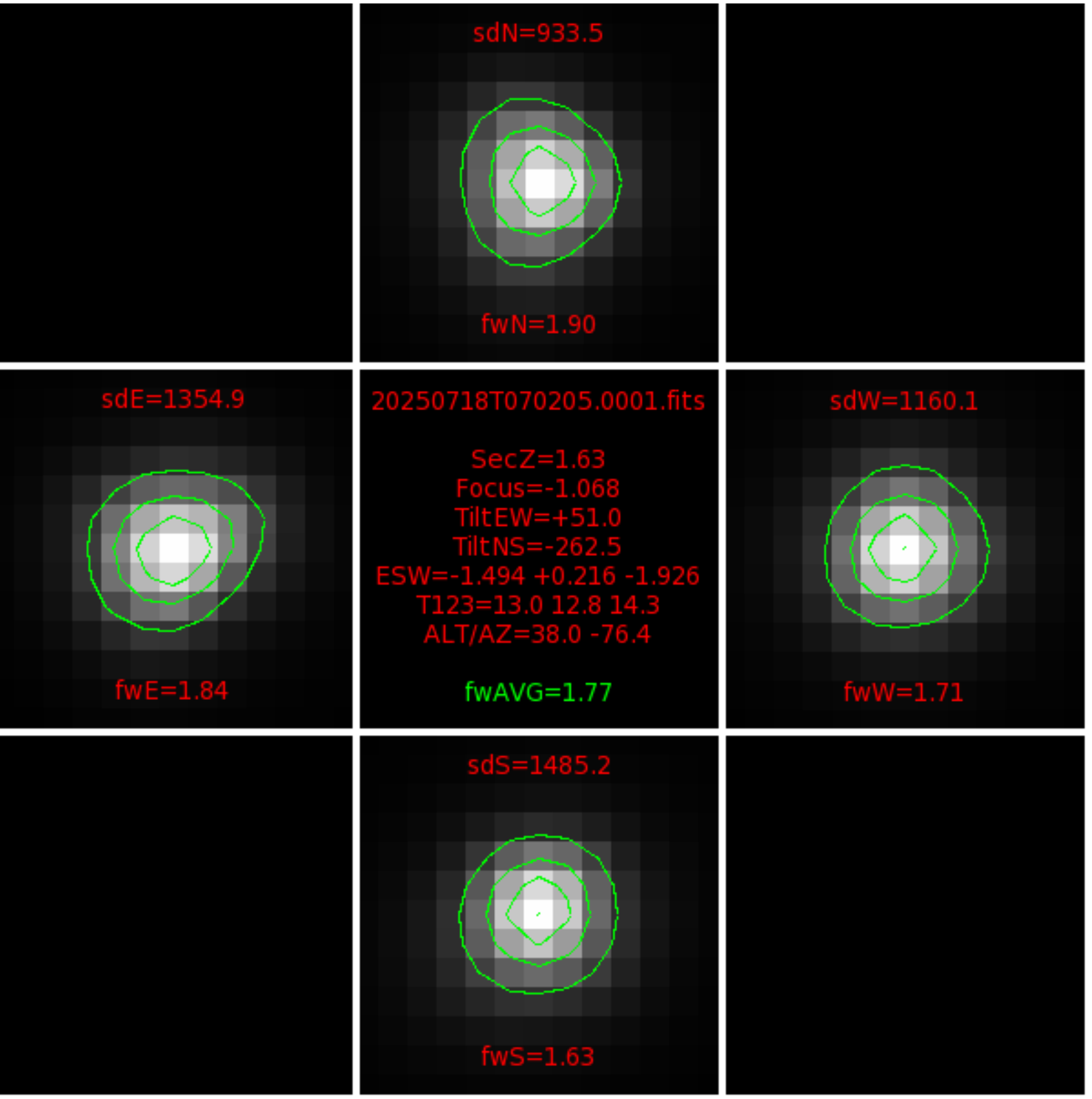
sdN=933.5
fwN=1.90
sdE=1354.9
fwE=1.84
20250718T070205.0001.fits
SecZ=1.63
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.0 12.8 14.3
ALT/AZ=38.0 -76.4
fwAVG=1.77
sdW=1160.1
fwW=1.71
sdS=1485.2
fwS=1.63
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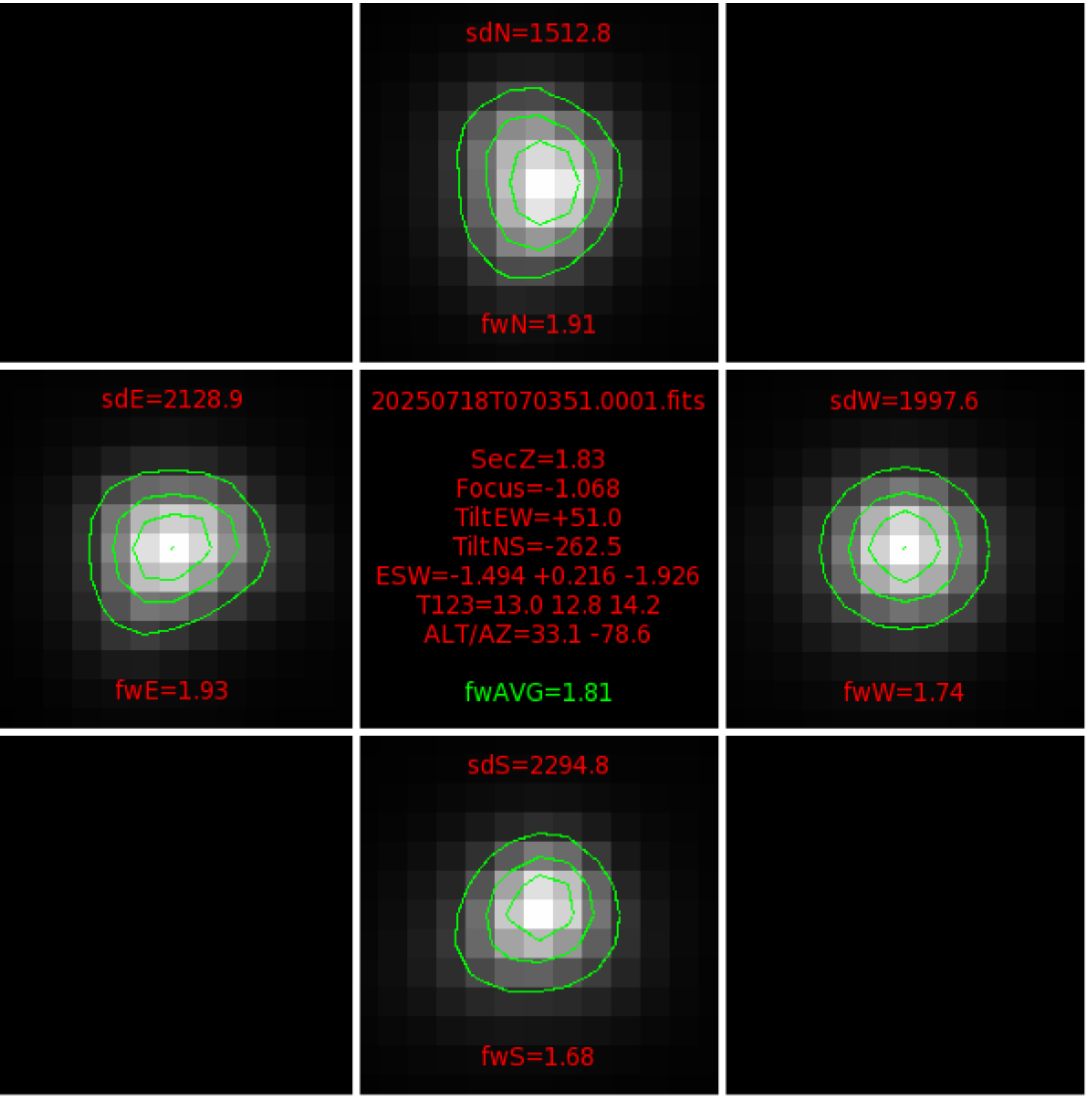
sdN=1512.8
fwN=1.91
sdE=2128.9
fwE=1.93
20250718T070351.0001.fits
SecZ=1.83
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.0 12.8 14.2
ALT/AZ=33.1 -78.6
fwAVG=1.81
sdW=1997.6
fwW=1.74
sdS=2294.8
fwS=1.68
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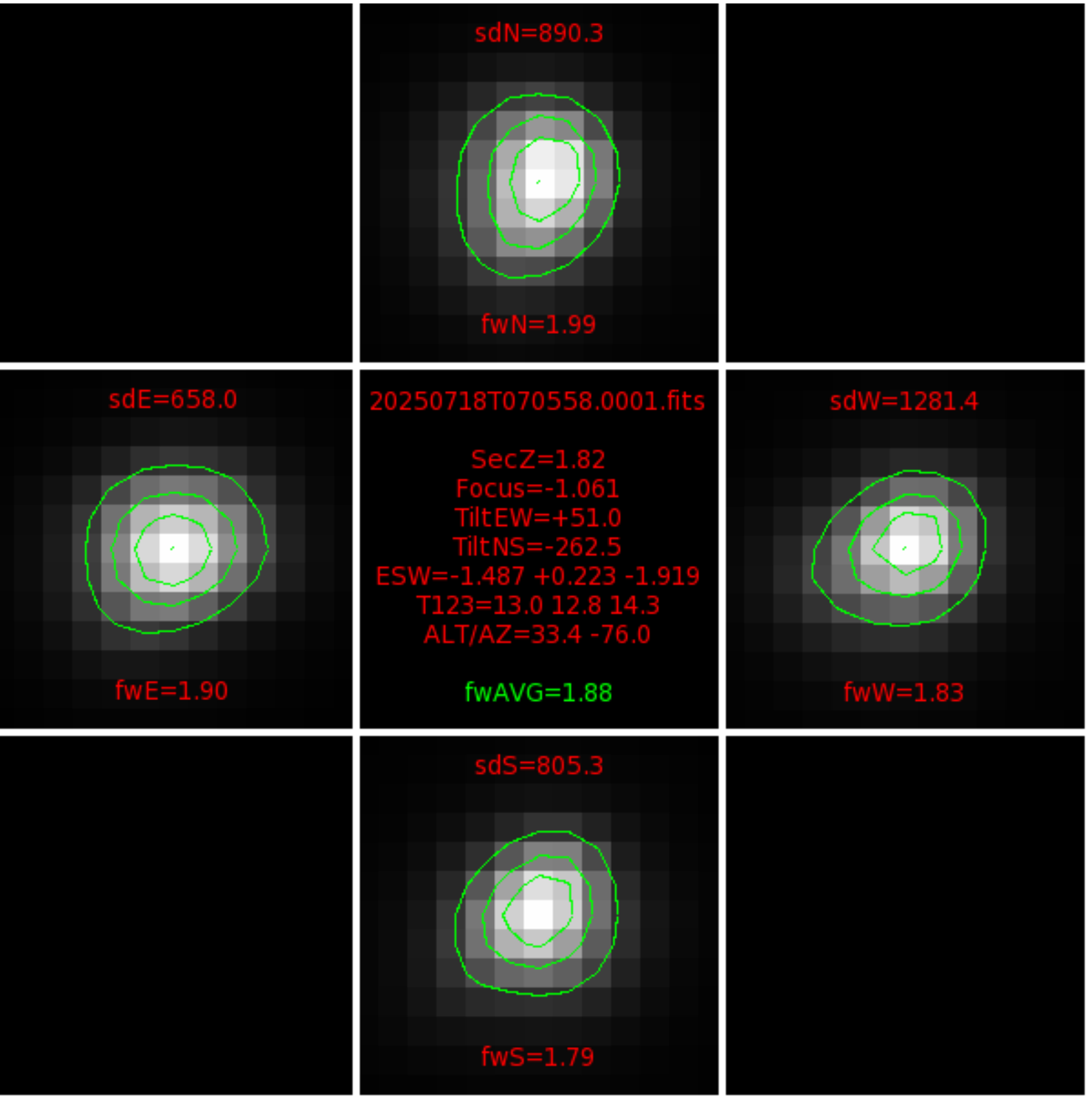
sdN=890.3
fwN=1.99
sdE=658.0
fwE=1.90
20250718T070558.0001.fits
SecZ=1.82
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=13.0 12.8 14.3
ALT/AZ=33.4 -76.0
fwAVG=1.88
sdW=1281.4
fwW=1.83
sdS=805.3
fwS=1.79
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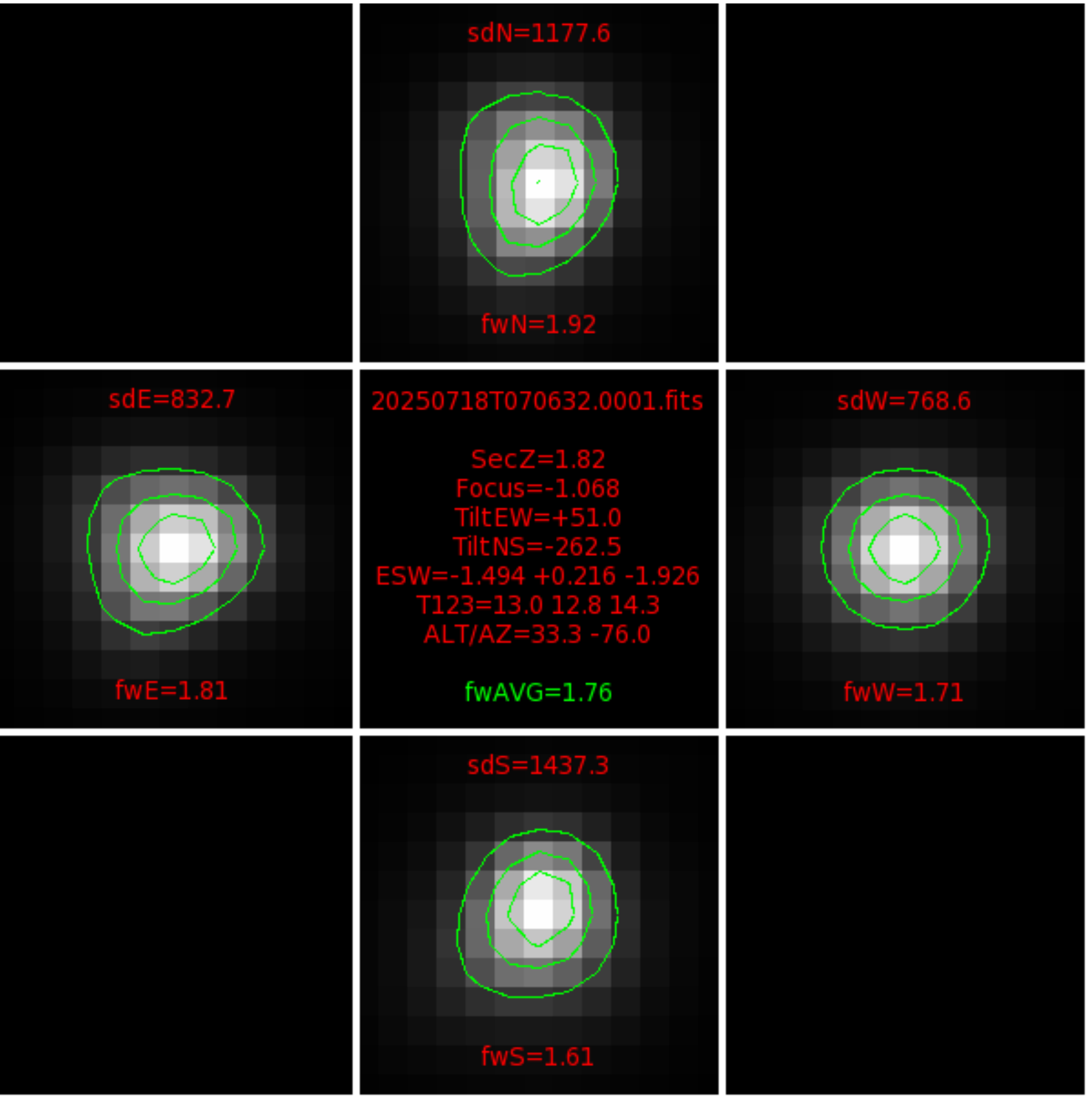
sdN=1177.6
fwN=1.92
sdE=832.7
fwE=1.81
20250718T070632.0001.fits
SecZ=1.82
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.0 12.8 14.3
ALT/AZ=33.3 -76.0
fwAVG=1.76
sdW=768.6
fwW=1.71
sdS=1437.3
fwS=1.61
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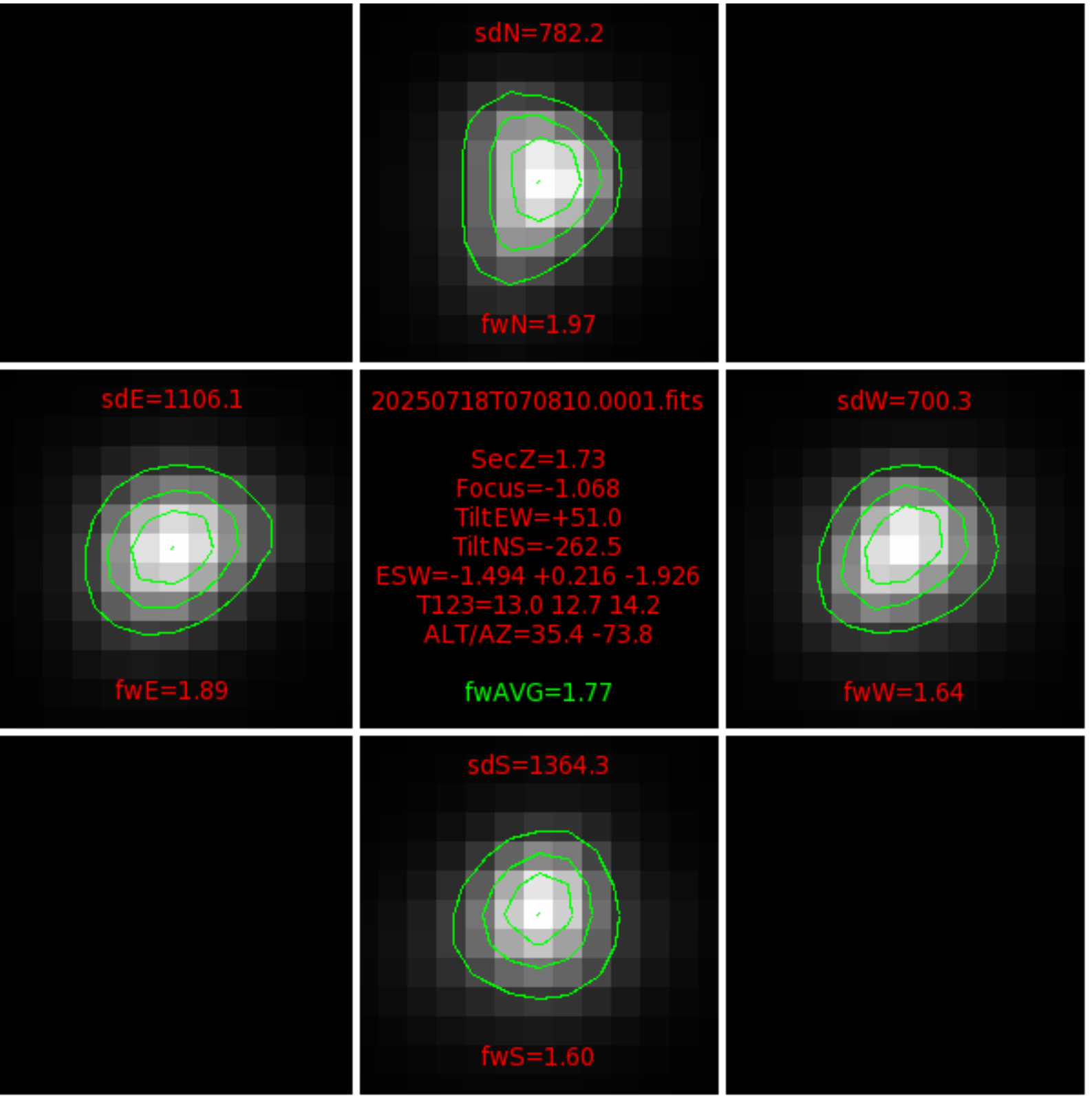
sdN=782.2
fwN=1.97
sdE=1106.1
fwE=1.89
20250718T070810.0001.fits
SecZ=1.73
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.0 12.7 14.2
ALT/AZ=35.4 -73.8
fwAVG=1.77
sdW=700.3
fwW=1.64
sdS=1364.3
fwS=1.60
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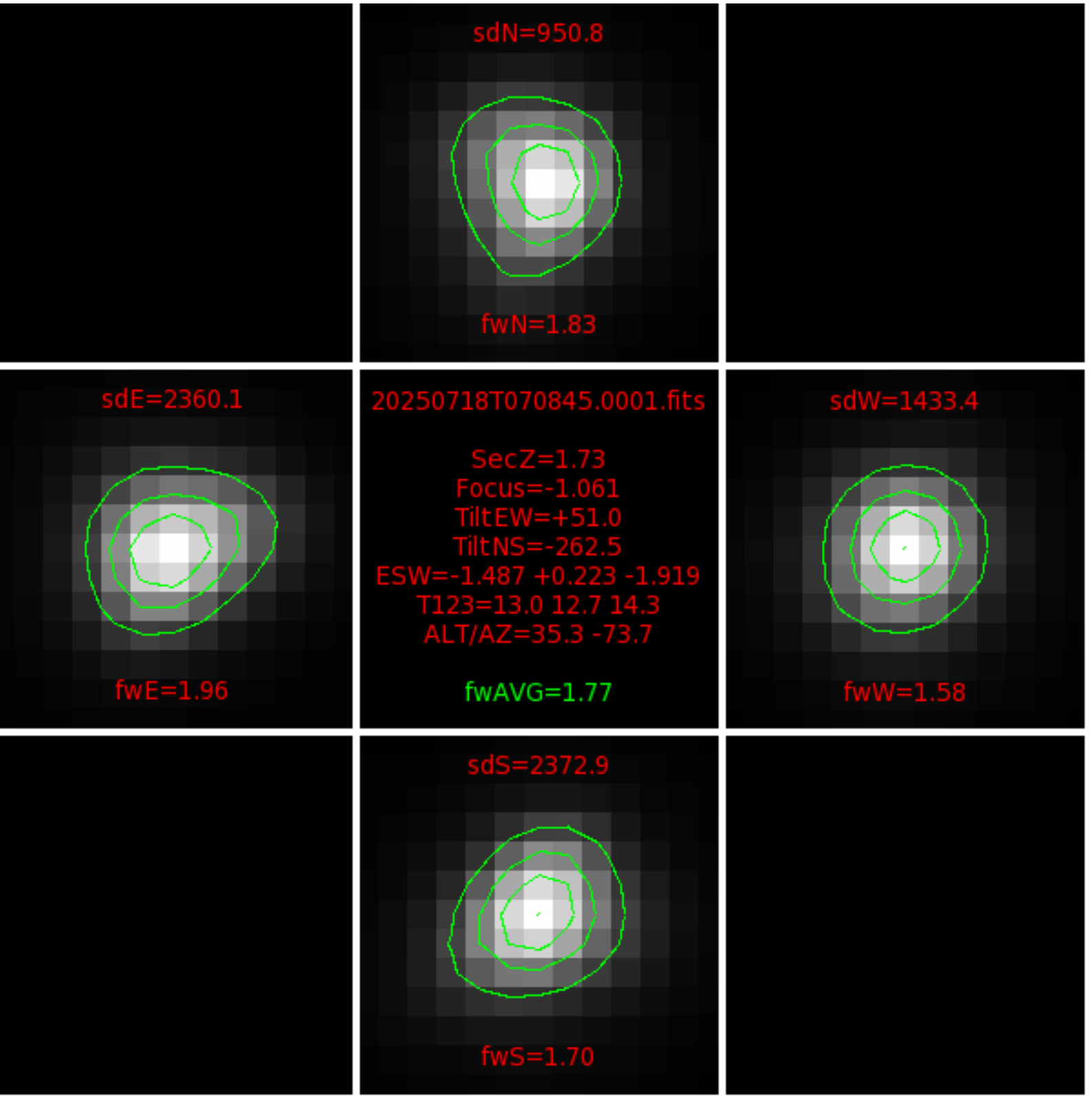
sdN=950.8
fwN=1.83
sdE=2360.1
fwE=1.96
20250718T070845.0001.fits
SecZ=1.73
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=13.0 12.7 14.3
ALT/AZ=35.3 -73.7
fwAVG=1.77
sdW=1433.4
fwW=1.58
sdS=2372.9
fwS=1.70
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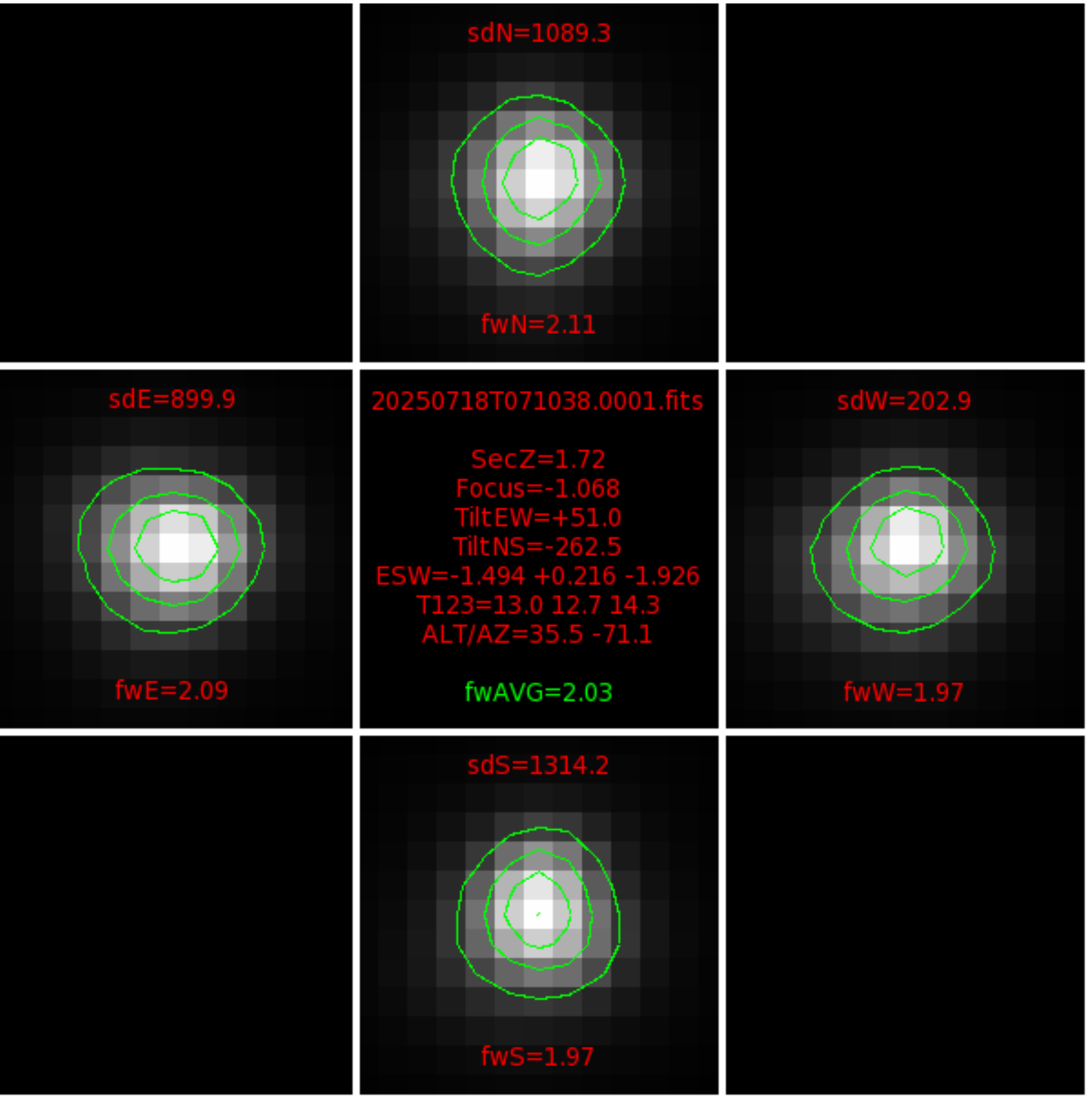
sdN=1089.3
fwN=2.11
sdE=899.9
fwE=2.09
20250718T071038.0001.fits
SecZ=1.72
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.0 12.7 14.3
ALT/AZ=35.5 -71.1
fwAVG=2.03
sdW=202.9
fwW=1.97
sdS=1314.2
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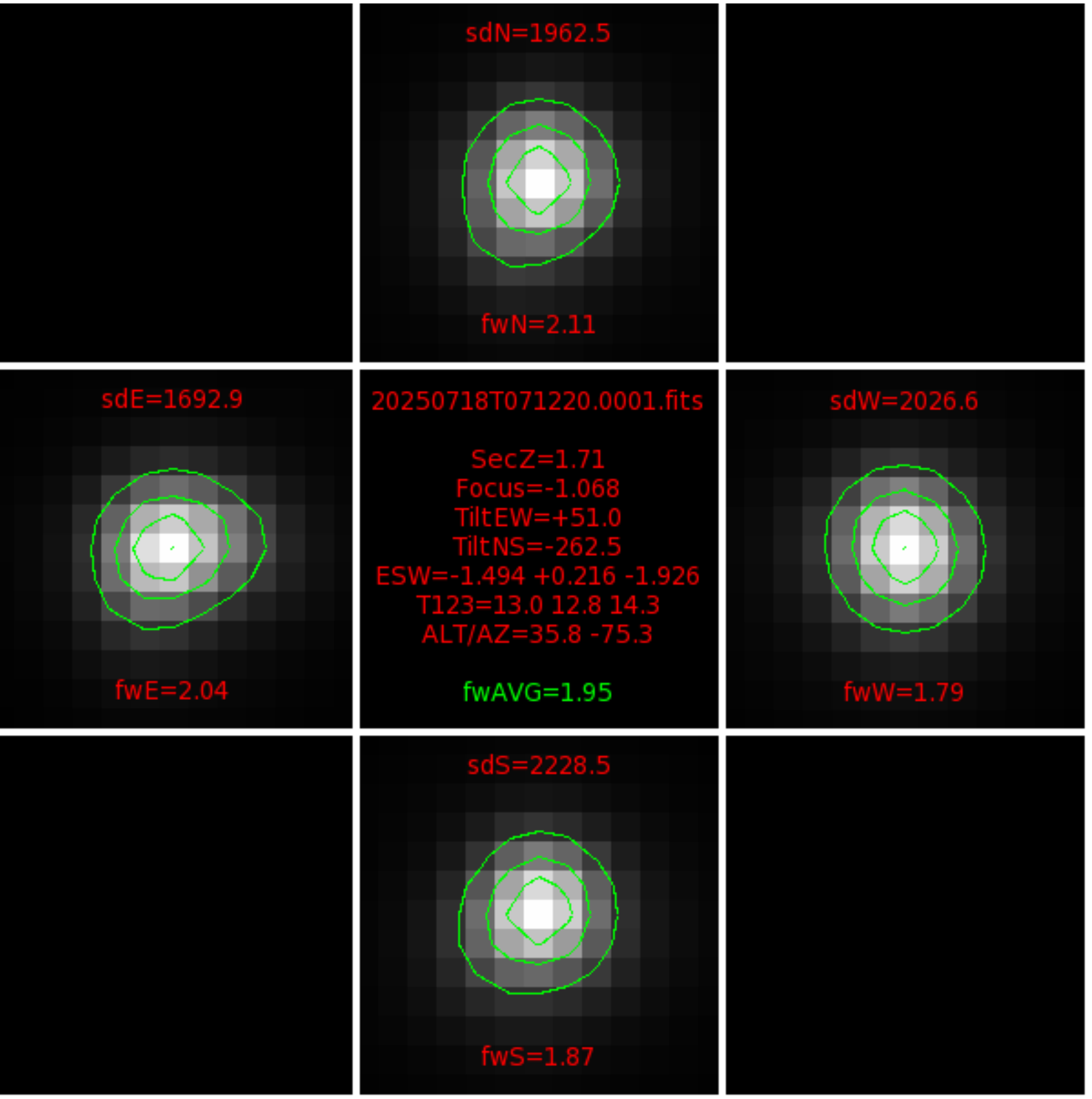
sdN=1962.5
fwN=2.11
sdE=1692.9
fwE=2.04
20250718T071220.0001.fits
SecZ=1.71
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.0 12.8 14.3
ALT/AZ=35.8 -75.3
fwAVG=1.95
sdW=2026.6
fwW=1.79
sdS=2228.5
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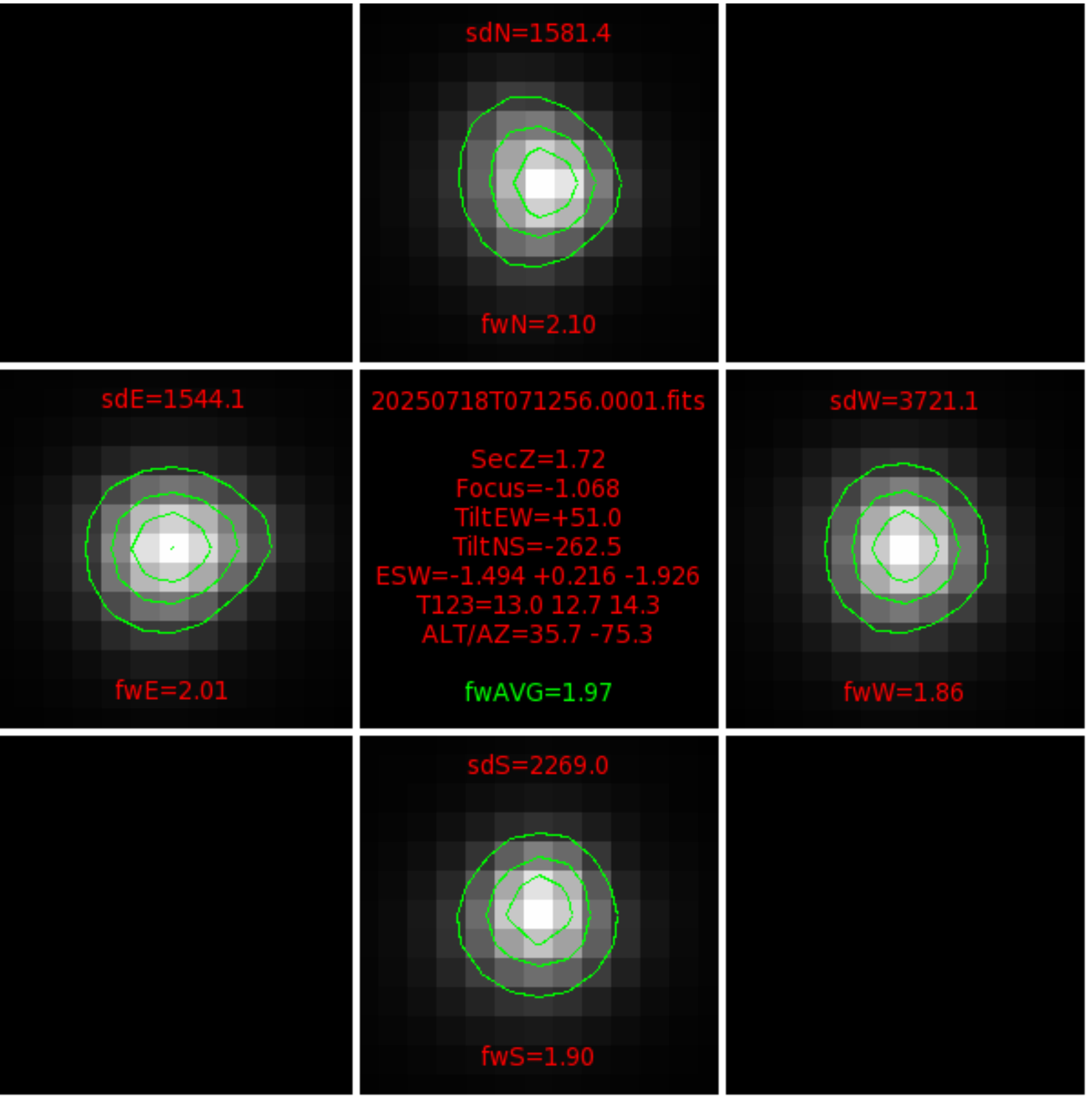
sdN=1581.4
fwN=2.10
sdE=1544.1
fwE=2.01
20250718T071256.0001.fits
SecZ=1.72
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.0 12.7 14.3
ALT/AZ=35.7 -75.3
fwAVG=1.97
sdW=3721.1
fwW=1.86
sdS=2269.0
fwS=1.90
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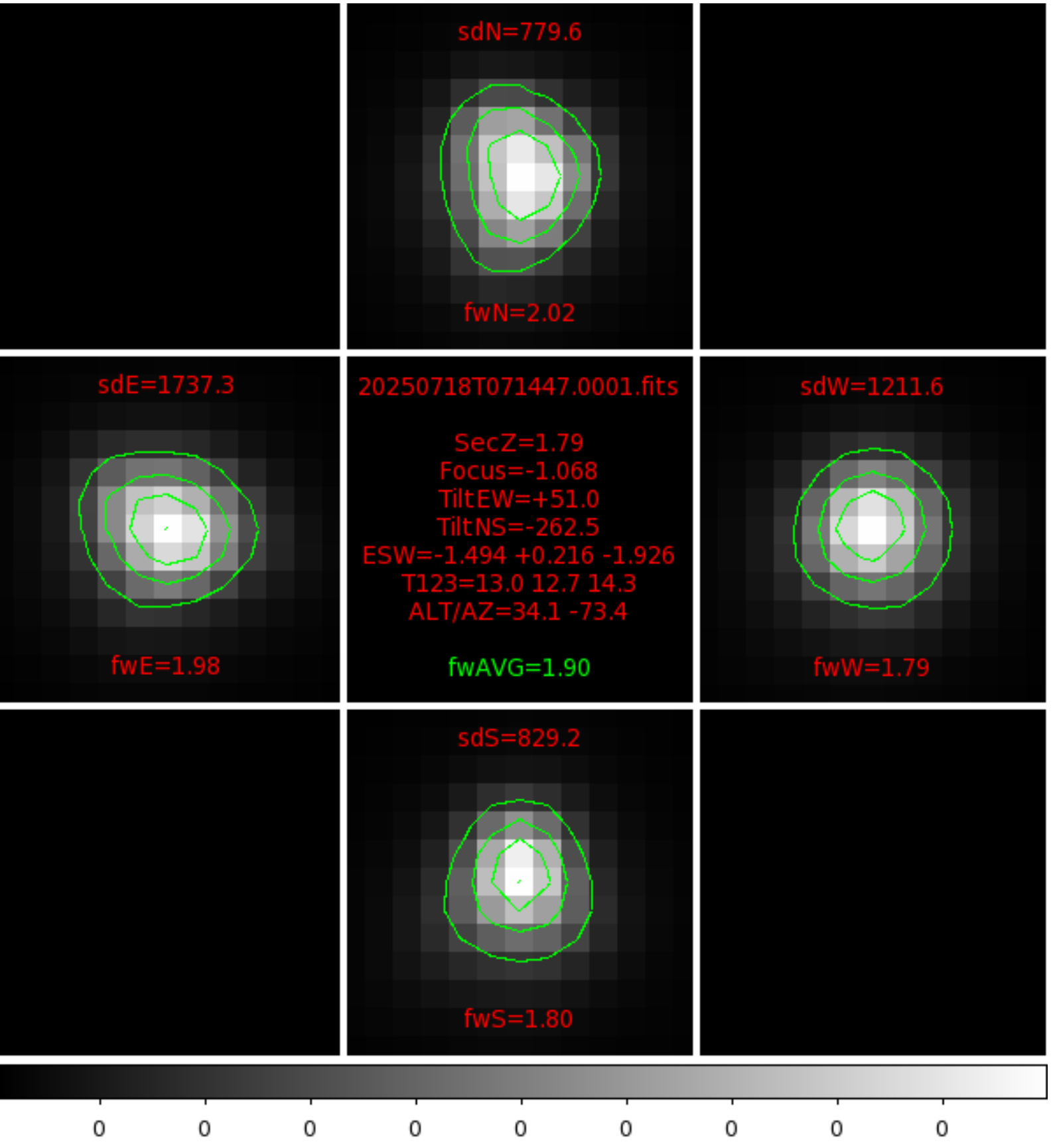
sdN=779.6
fwN=2.02
sdE=1737.3
fwE=1.98
20250718T071447.0001.fits
SecZ=1.79
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.0 12.7 14.3
ALT/AZ=34.1 -73.4
fwAVG=1.90
sdW=1211.6
fwW=1.79
sdS=829.2
fwS=1.80
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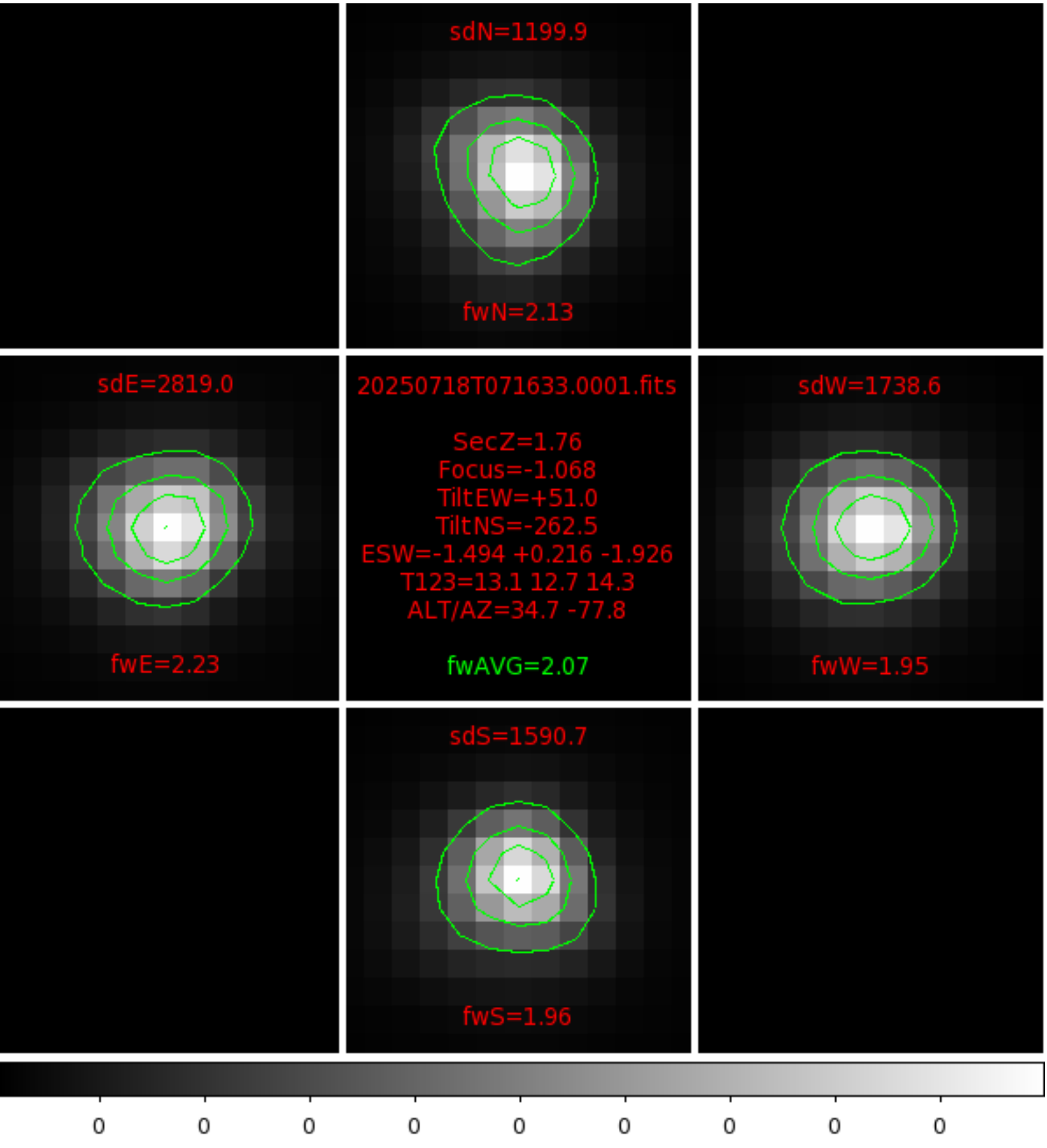
sdN=1199.9
fwN=2.13
sdE=2819.0
fwE=2.23
20250718T071633.0001.fits
SecZ=1.76
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.7 14.3
ALT/AZ=34.7 -77.8
fwAVG=2.07
sdW=1738.6
fwW=1.95
sdS=1590.7
fwS=1.96
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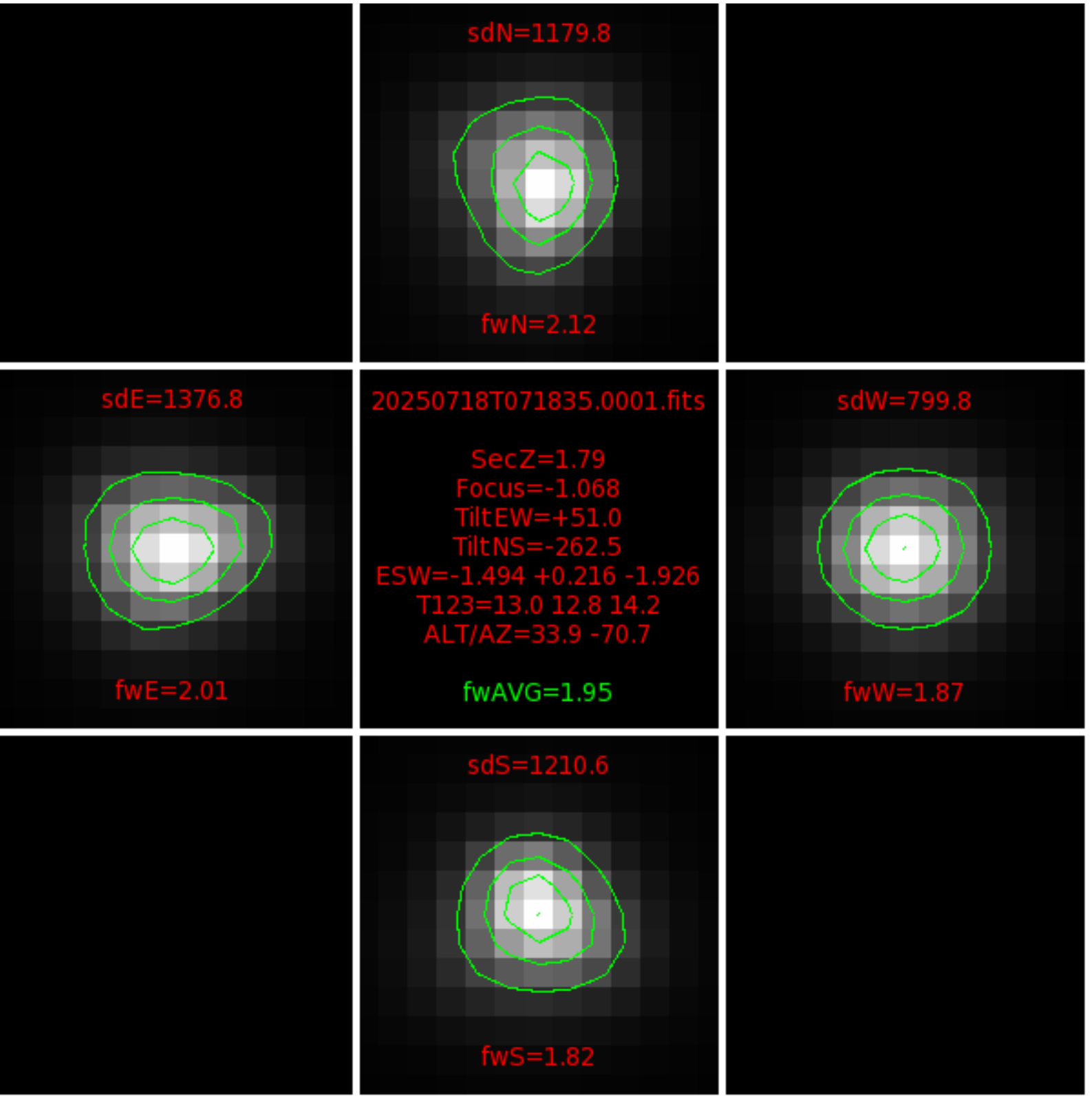
sdN=1179.8
fwN=2.12
sdE=1376.8
fwE=2.01
20250718T071835.0001.fits
SecZ=1.79
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.0 12.8 14.2
ALT/AZ=33.9 -70.7
fwAVG=1.95
sdW=799.8
fwW=1.87
sdS=1210.6
fwS=1.82
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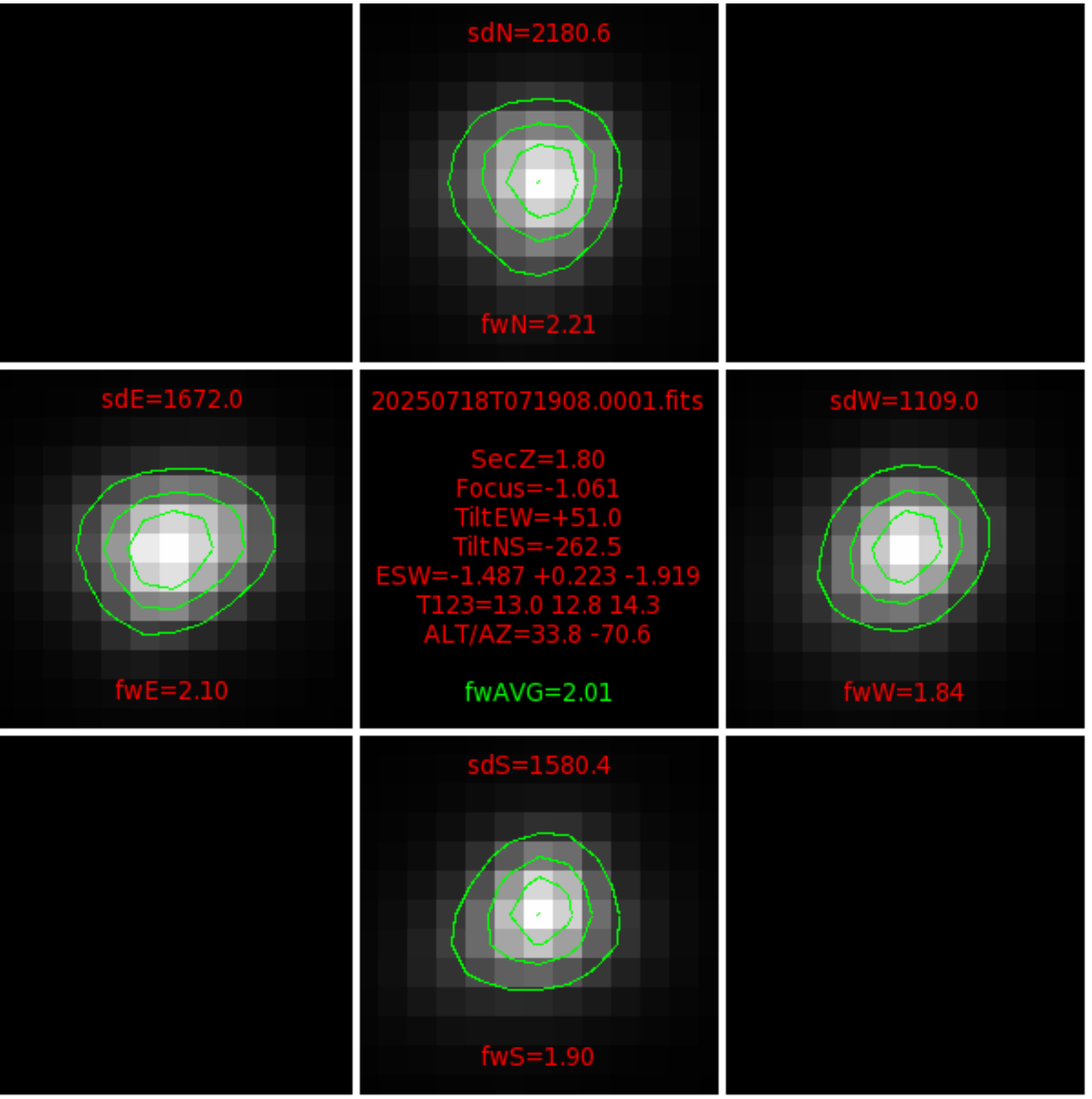
sdN=2180.6
fwN=2.21
sdE=1672.0
fwE=2.10
20250718T071908.0001.fits
SecZ=1.80
Focus=-1.061
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.487 +0.223 -1.919
T123=13.0 12.8 14.3
ALT/AZ=33.8 -70.6
fwAVG=2.01
sdW=1109.0
fwW=1.84
sdS=1580.4
fwS=1.90
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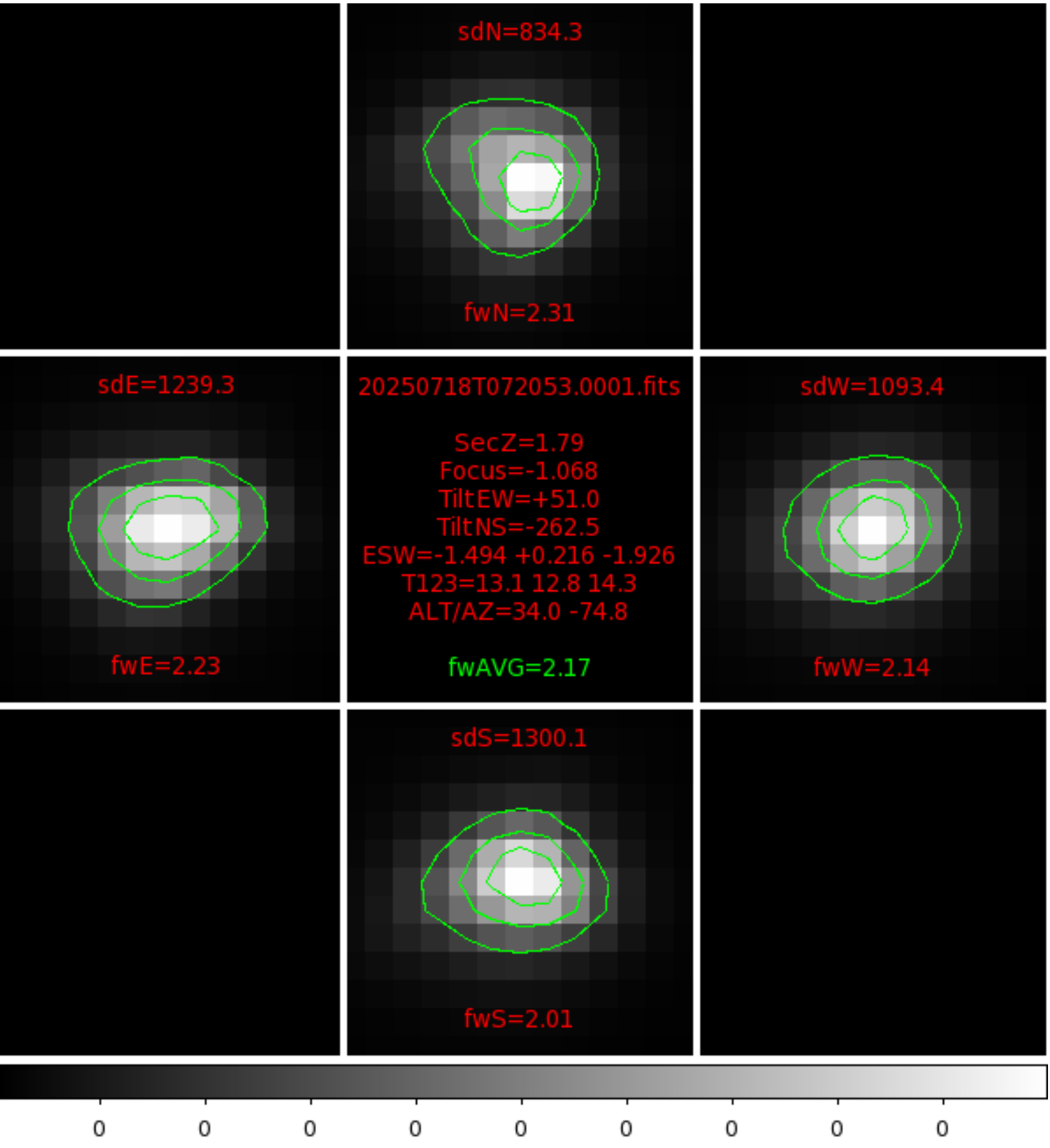
sdN=834.3
fwN=2.31
sdE=1239.3
fwE=2.23
20250718T072053.0001.fits
SecZ=1.79
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.8 14.3
ALT/AZ=34.0 -74.8
fwAVG=2.17
sdW=1093.4
fwW=2.14
sdS=1300.1
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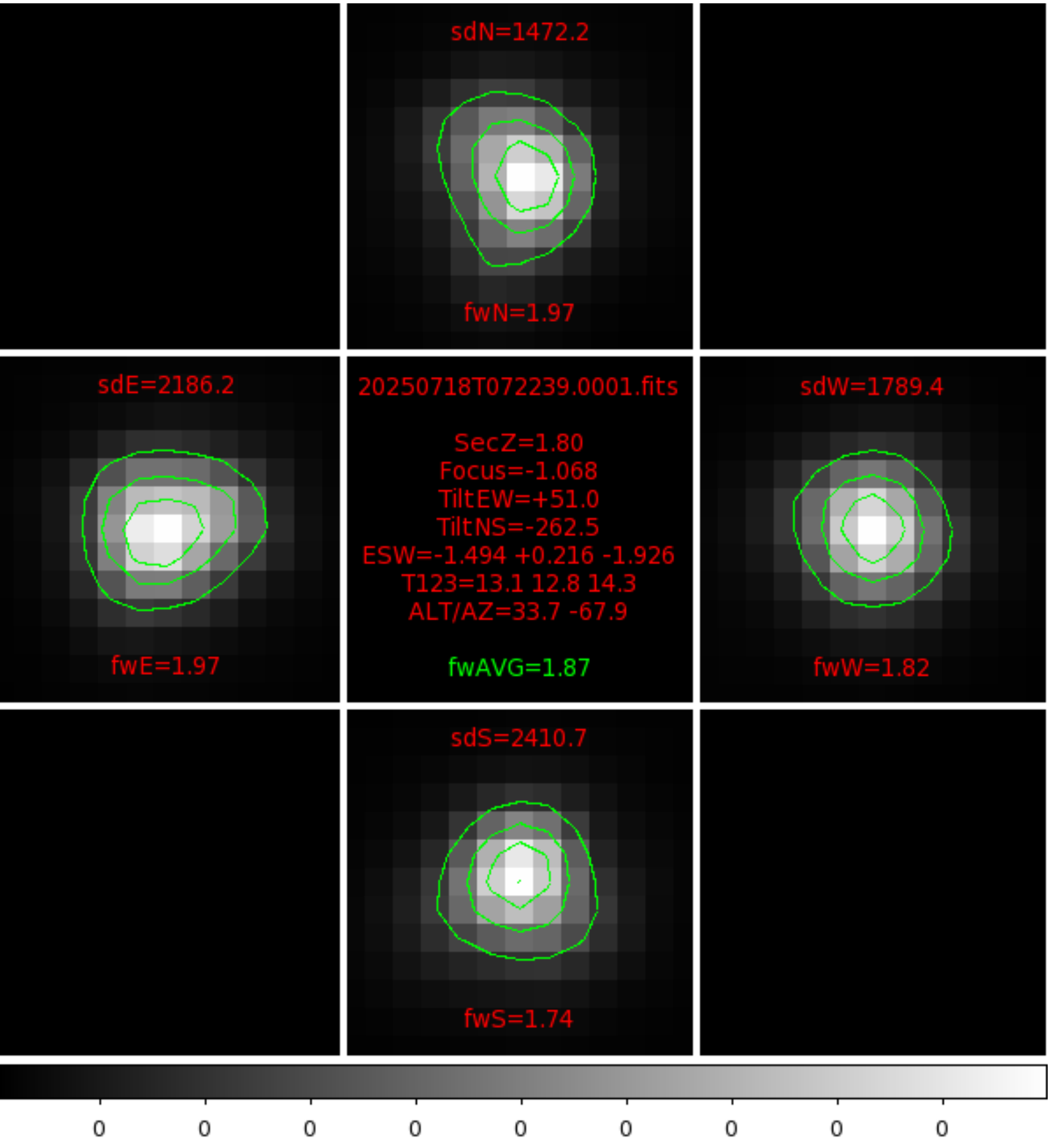
sdN=1472.2
fwN=1.97
sdE=2186.2
fwE=1.97
20250718T072239.0001.fits
SecZ=1.80
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.8 14.3
ALT/AZ=33.7 -67.9
fwAVG=1.87
sdW=1789.4
fwW=1.82
sdS=2410.7
fwS=1.74
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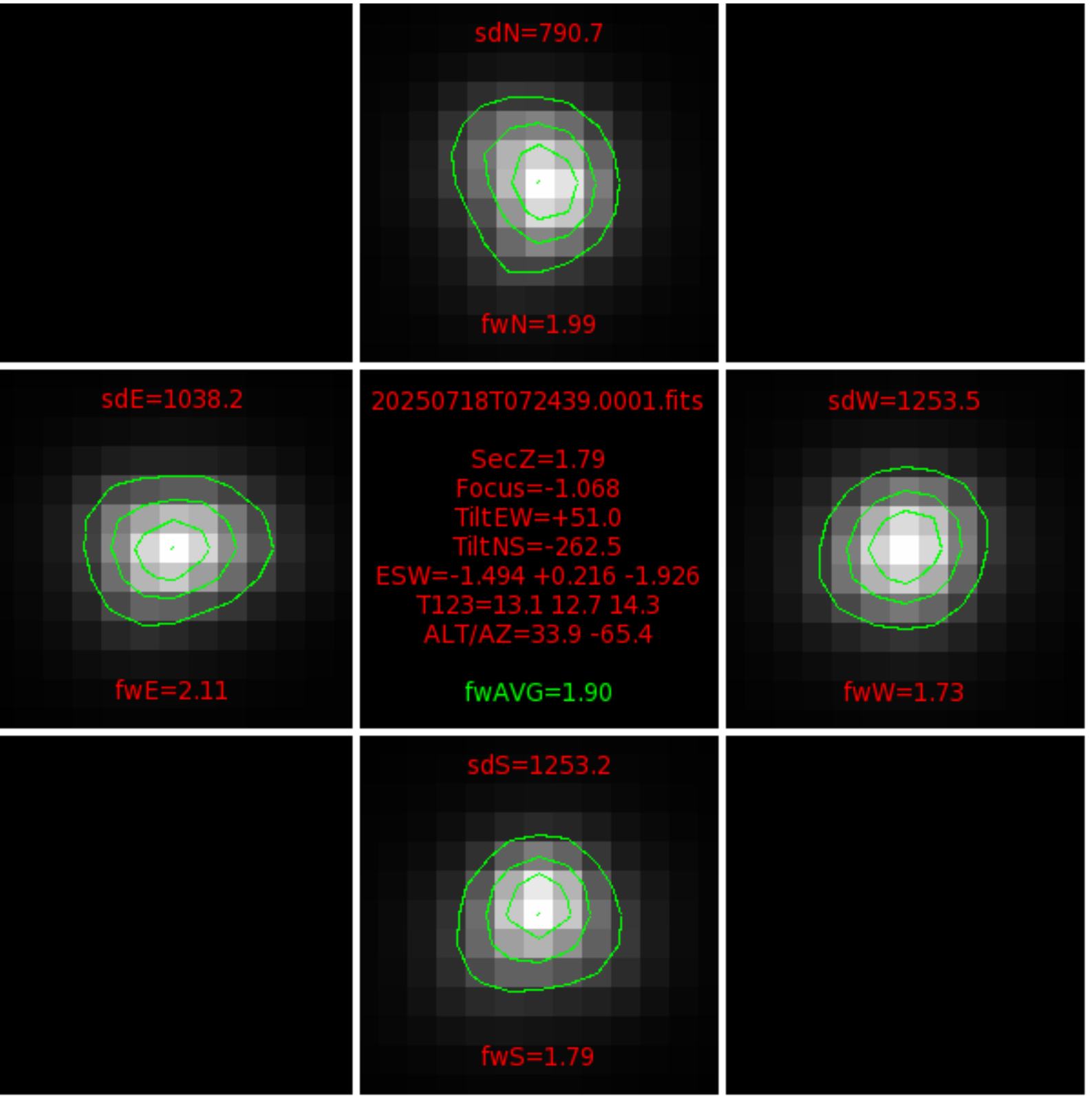
sdN=790.7
fwN=1.99
sdE=1038.2
fwE=2.11
20250718T072439.0001.fits
SecZ=1.79
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.7 14.3
ALT/AZ=33.9 -65.4
fwAVG=1.90
sdW=1253.5
fwW=1.73
sdS=1253.2
fwS=1.79
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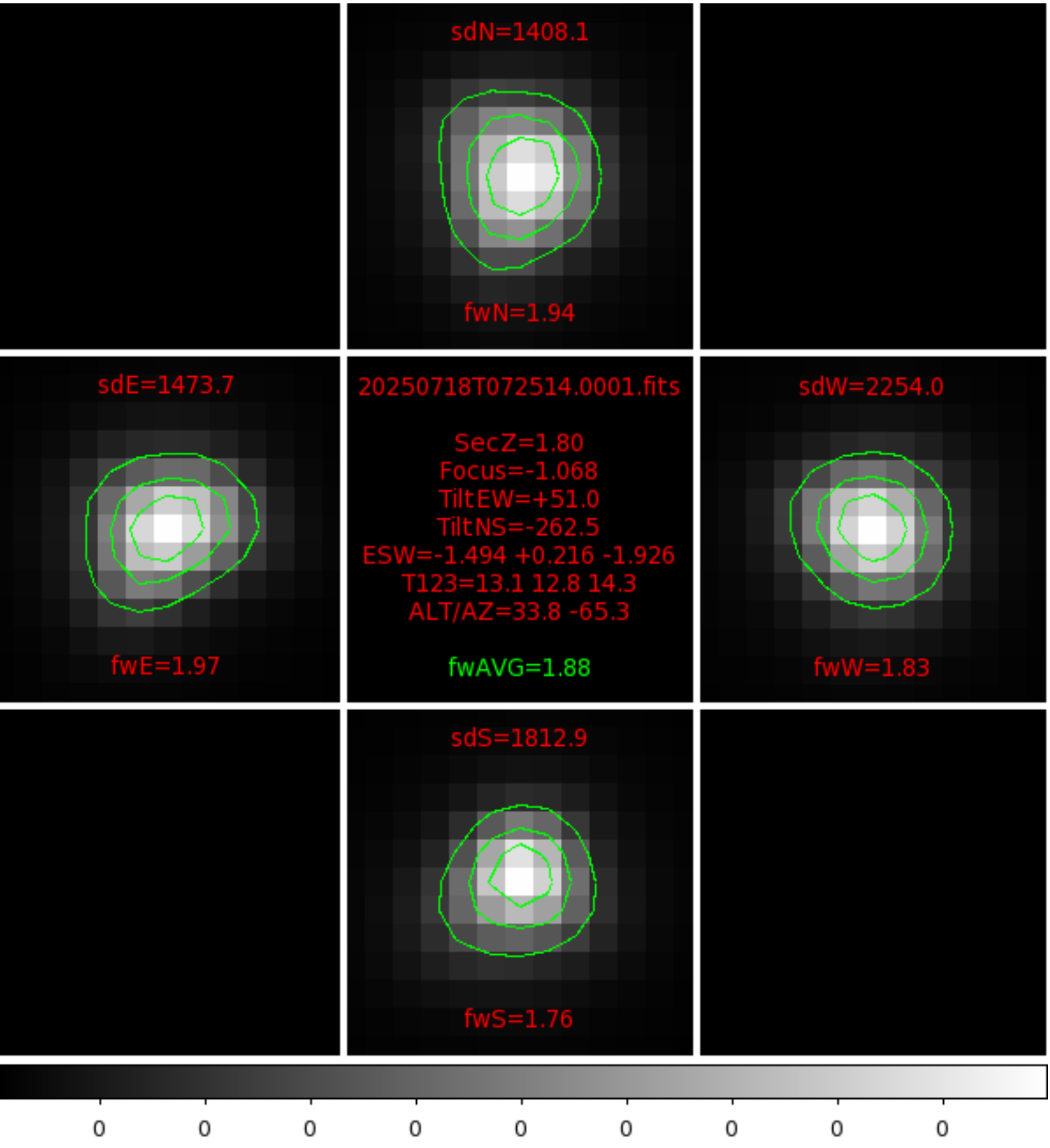
sdN=1408.1
fwN=1.94
sdE=1473.7
fwE=1.97
20250718T072514.0001.fits
SecZ=1.80
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.8 14.3
ALT/AZ=33.8 -65.3
fwAVG=1.88
sdW=2254.0
fwW=1.83
sdS=1812.9
fwS=1.76
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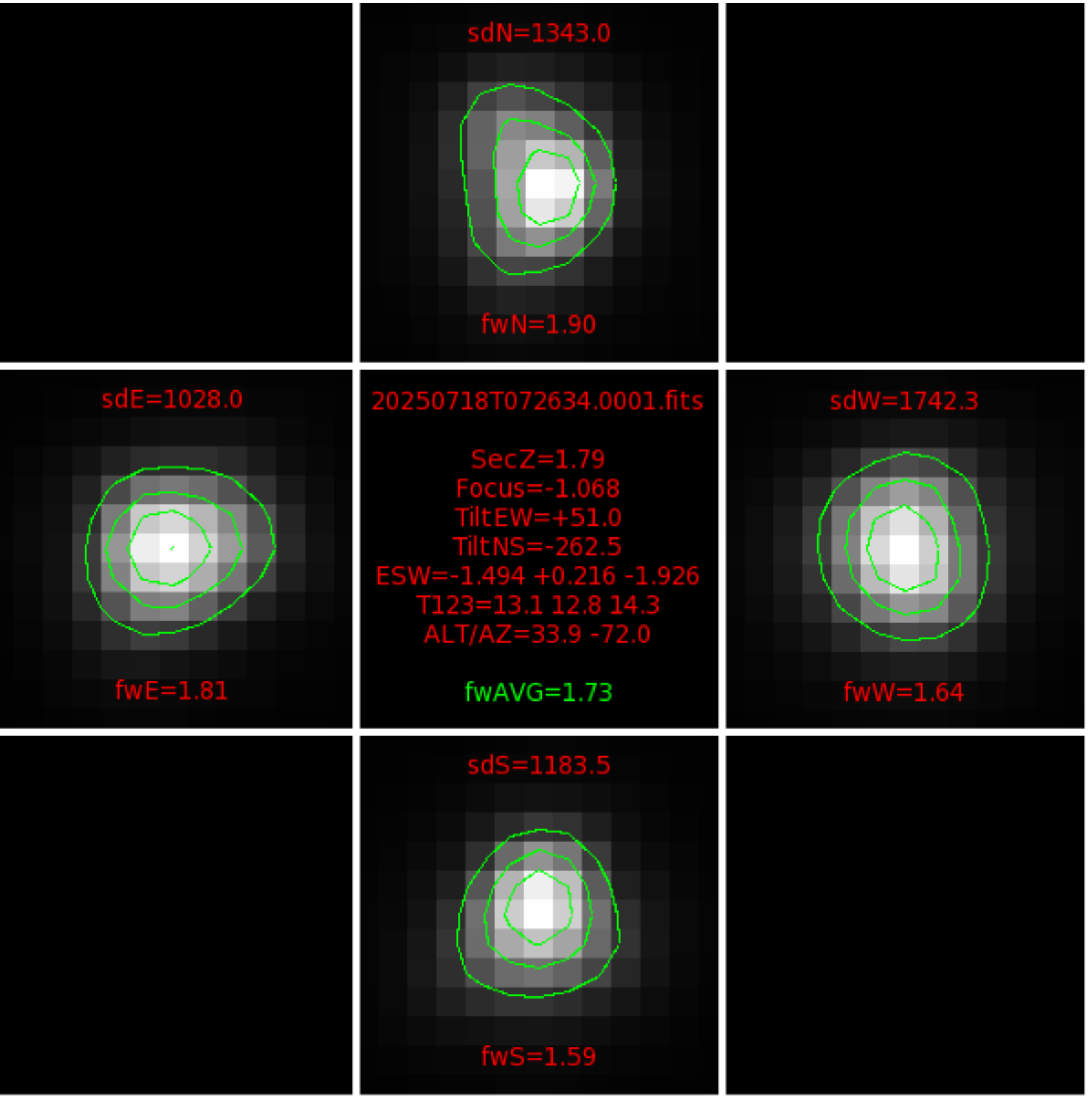
sdN=1343.0
fwN=1.90
sdE=1028.0
fwE=1.81
20250718T072634.0001.fits
SecZ=1.79
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.8 14.3
ALT/AZ=33.9 -72.0
fwAVG=1.73
sdW=1742.3
fwW=1.64
sdS=1183.5
fwS=1.59
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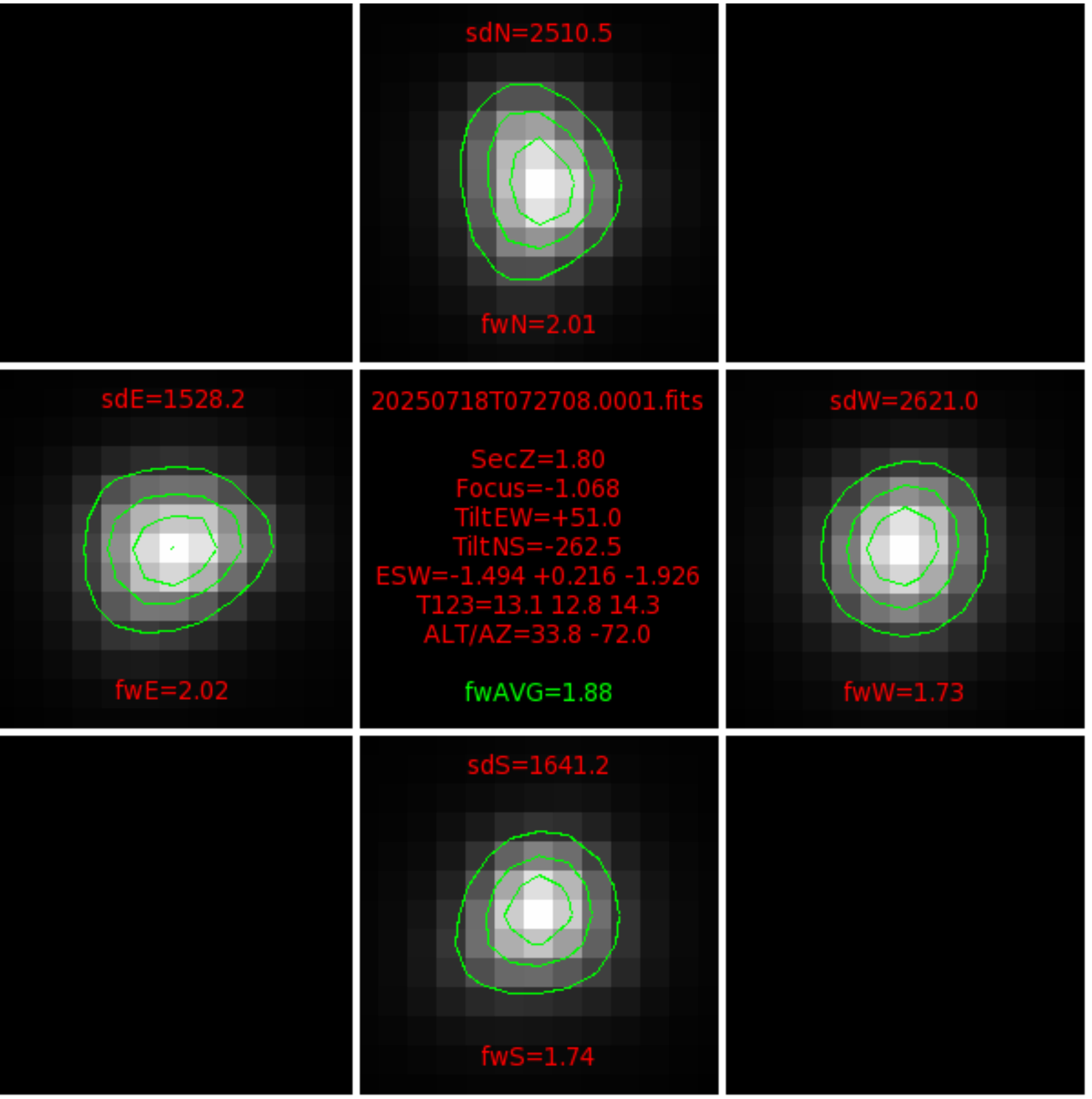
sdN=2510.5
fwN=2.01
sdE=1528.2
fwE=2.02
20250718T072708.0001.fits
SecZ=1.80
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.8 14.3
ALT/AZ=33.8 -72.0
fwAVG=1.88
sdW=2621.0
fwW=1.73
sdS=1641.2
fwS=1.74
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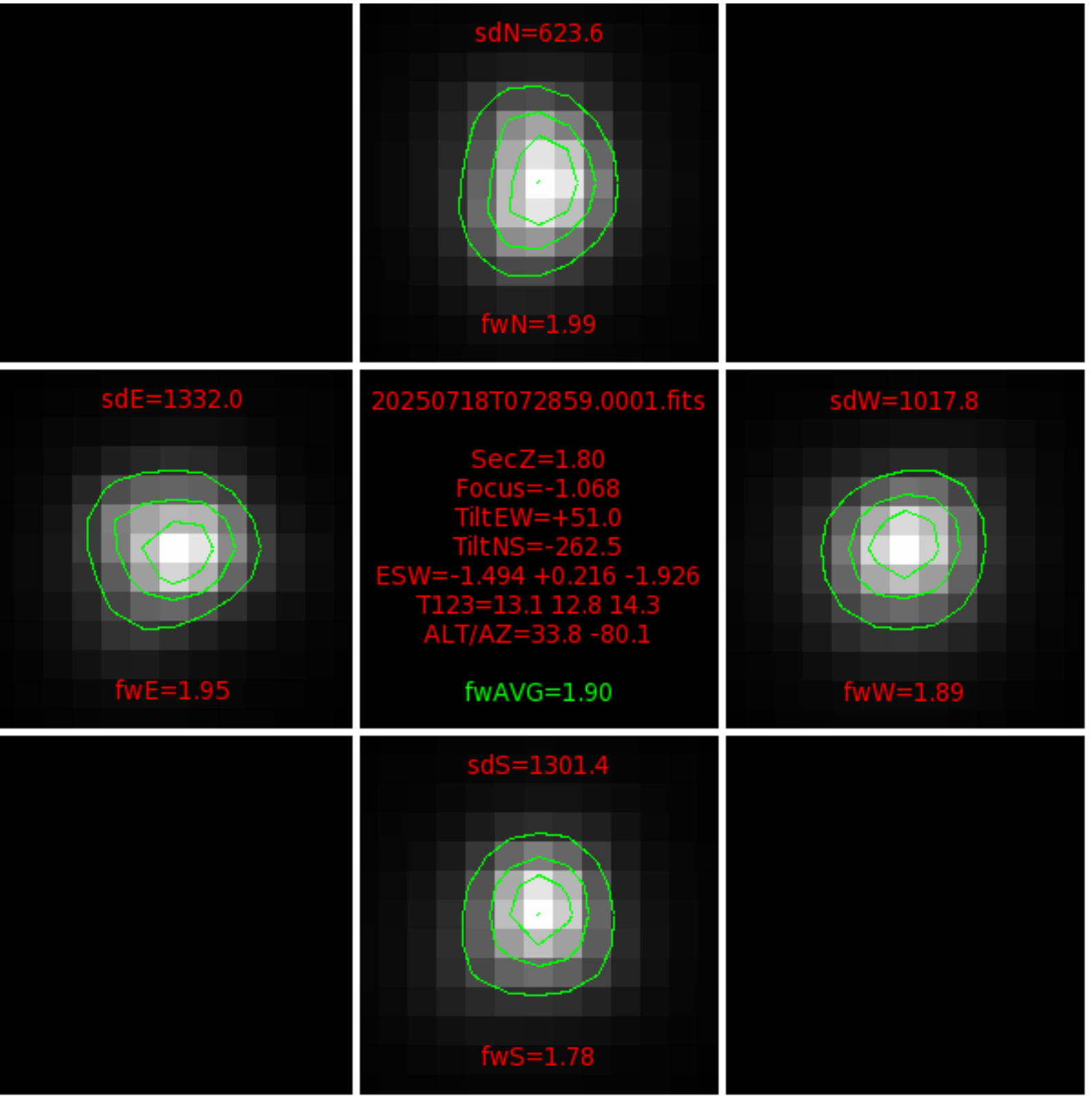
sdN=623.6
fwN=1.99
sdE=1332.0
fwE=1.95
20250718T072859.0001.fits
SecZ=1.80
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.8 14.3
ALT/AZ=33.8 -80.1
fwAVG=1.90
sdW=1017.8
fwW=1.89
sdS=1301.4
fwS=1.78
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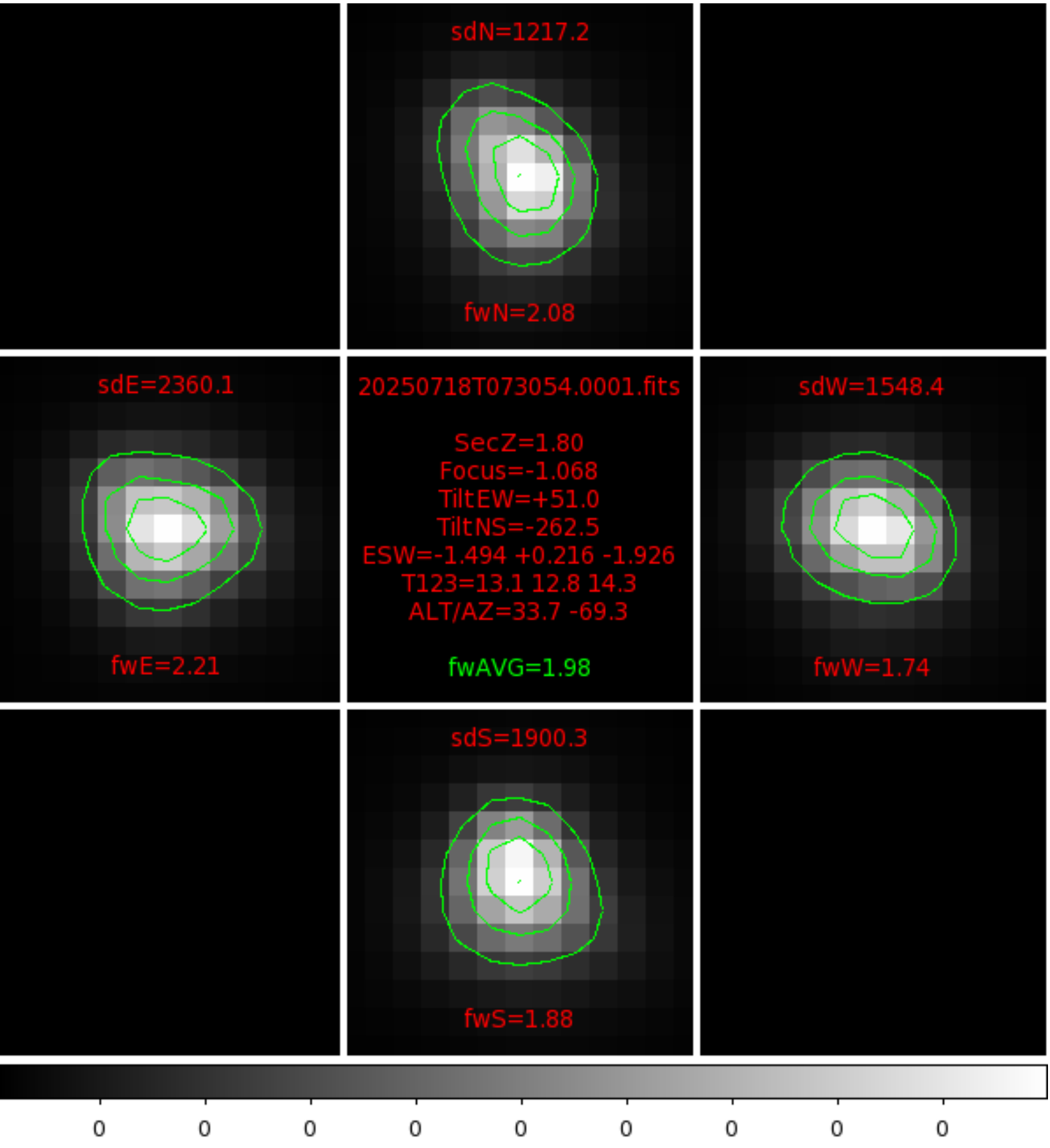
sdN=1217.2
fwN=2.08
sdE=2360.1
fwE=2.21
20250718T073054.0001.fits
SecZ=1.80
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.8 14.3
ALT/AZ=33.7 -69.3
fwAVG=1.98
sdW=1548.4
fwW=1.74
sdS=1900.3
fwS=1.88
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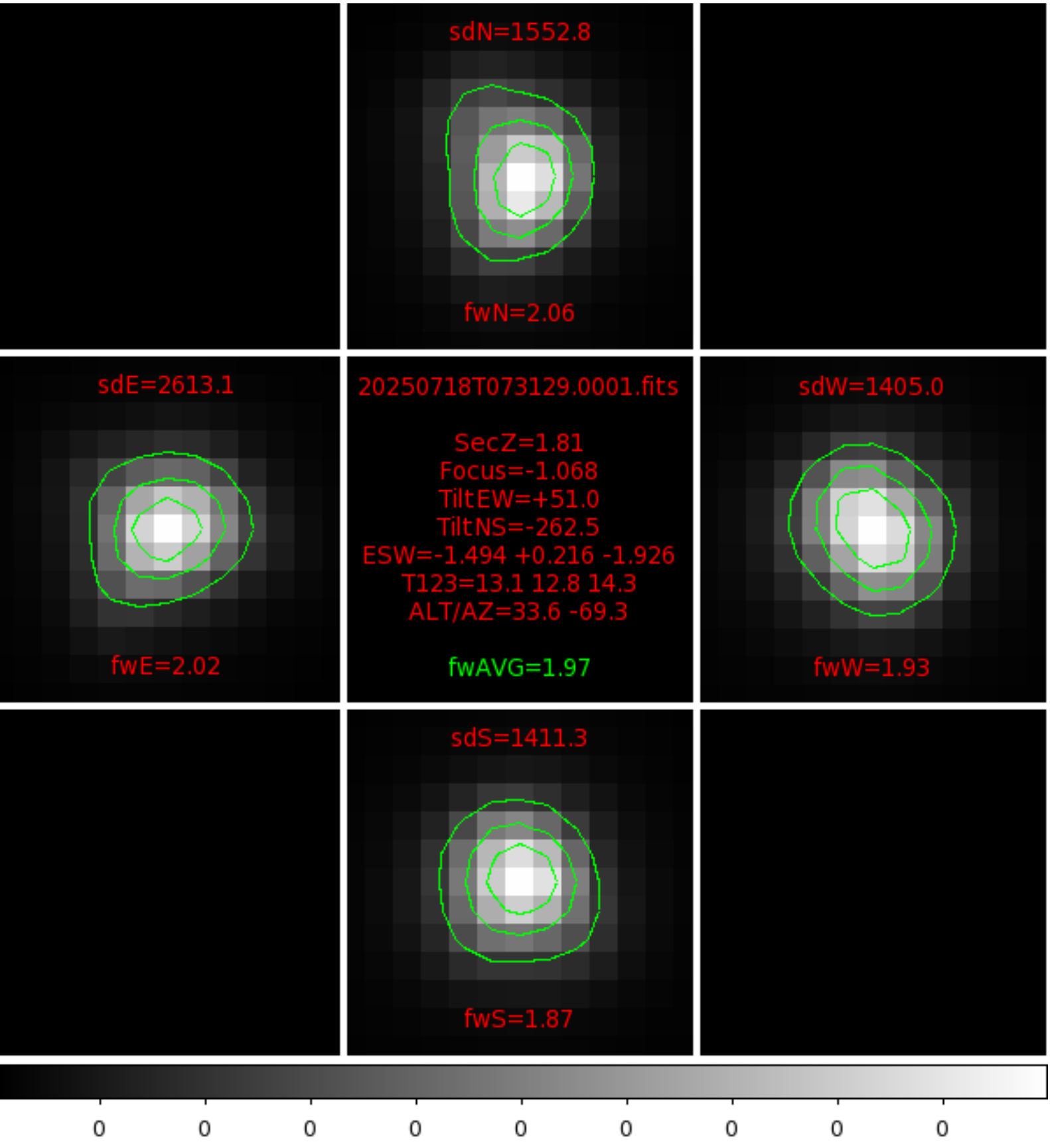
sdN=1552.8
fwN=2.06
sdE=2613.1
fwE=2.02
20250718T073129.0001.fits
SecZ=1.81
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.8 14.3
ALT/AZ=33.6 -69.3
fwAVG=1.97
sdW=1405.0
fwW=1.93
sdS=1411.3
fwS=1.87
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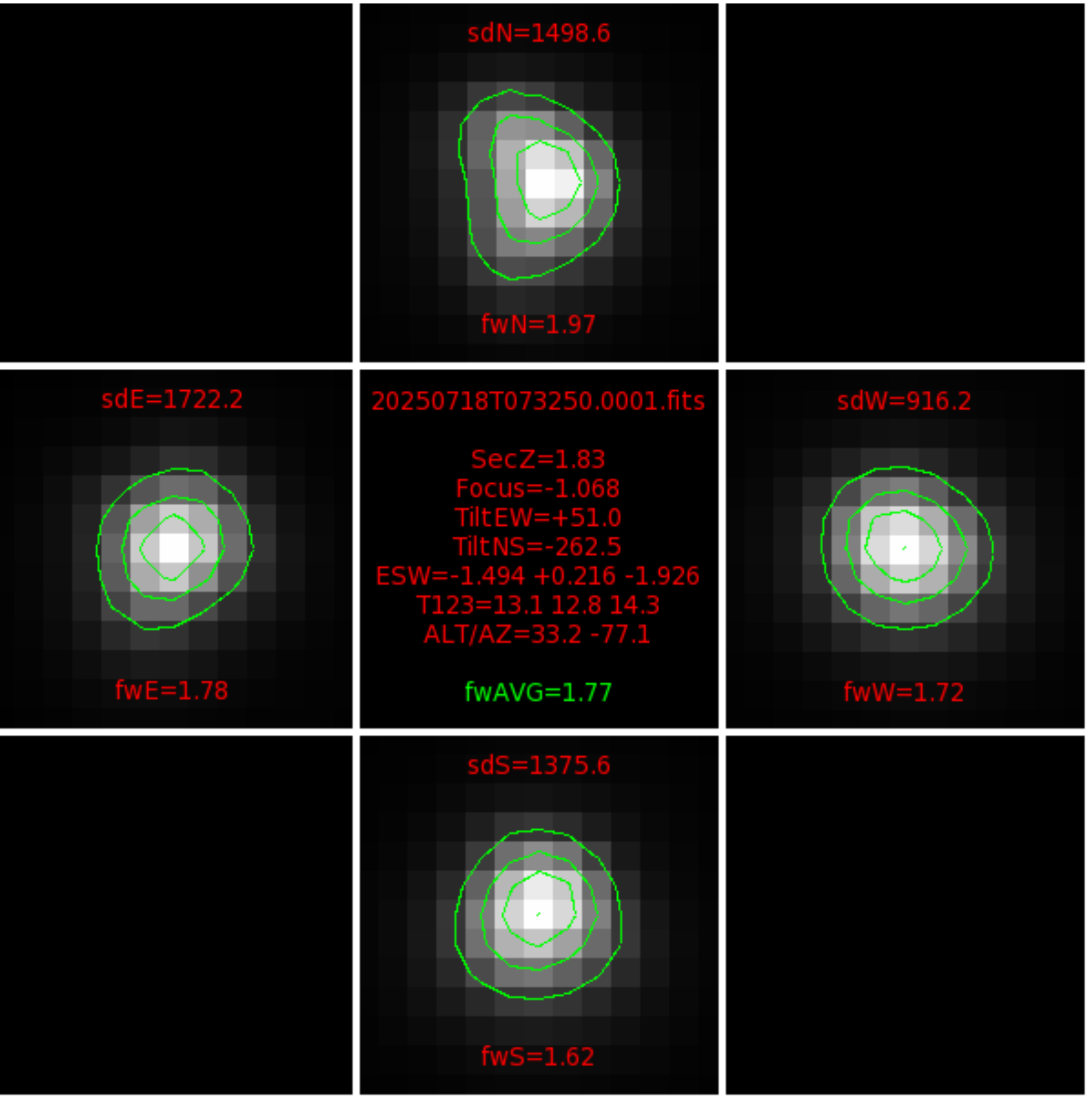
sdN=1498.6
fwN=1.97
sdE=1722.2
fwE=1.78
20250718T073250.0001.fits
SecZ=1.83
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.8 14.3
ALT/AZ=33.2 -77.1
fwAVG=1.77
sdW=916.2
fwW=1.72
sdS=1375.6
fwS=1.62
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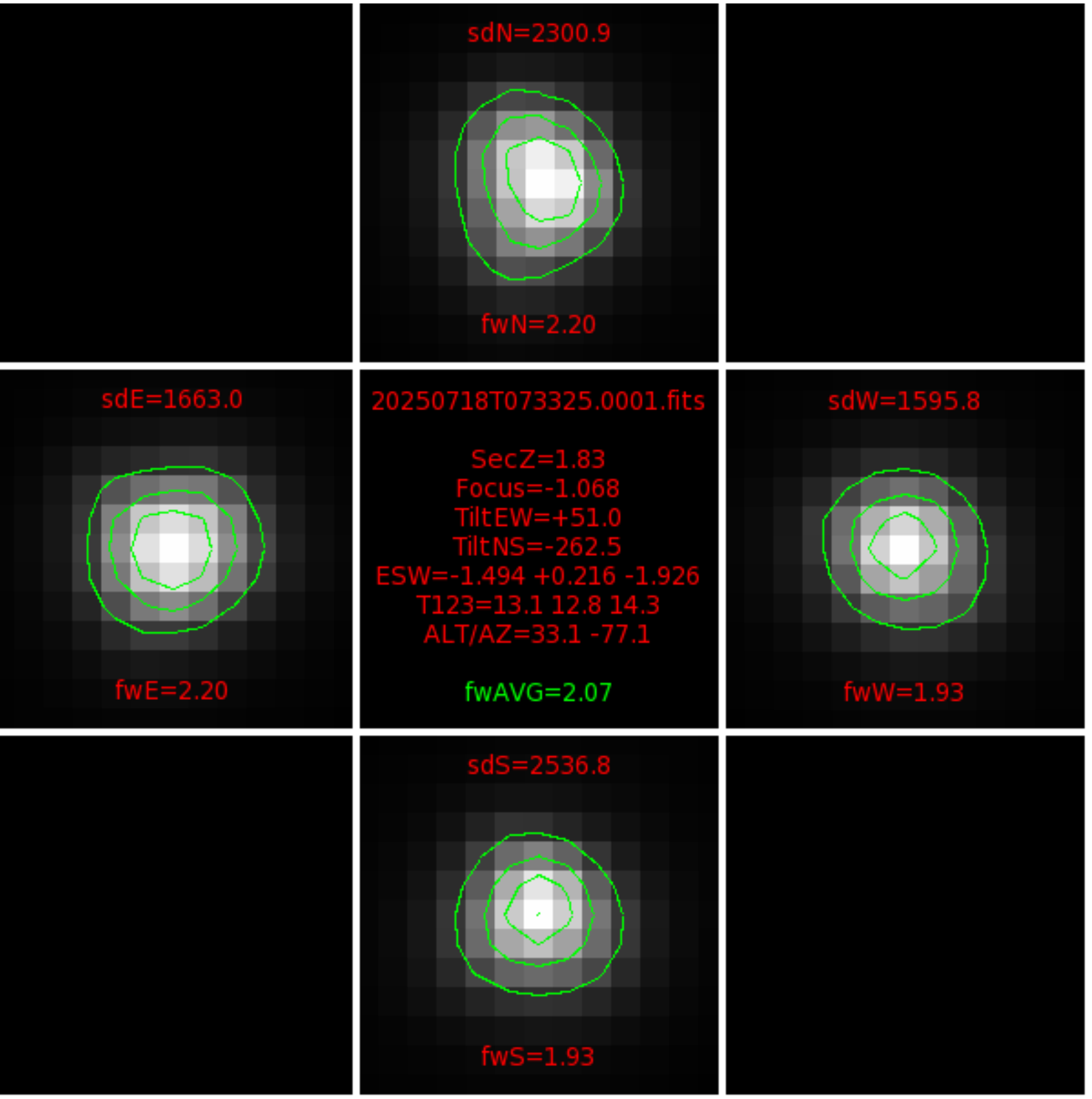
sdN=2300.9
fwN=2.20
sdE=1663.0
fwE=2.20
20250718T073325.0001.fits
SecZ=1.83
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.8 14.3
ALT/AZ=33.1 -77.1
fwAVG=2.07
sdW=1595.8
fwW=1.93
sdS=2536.8
fwS=1.93
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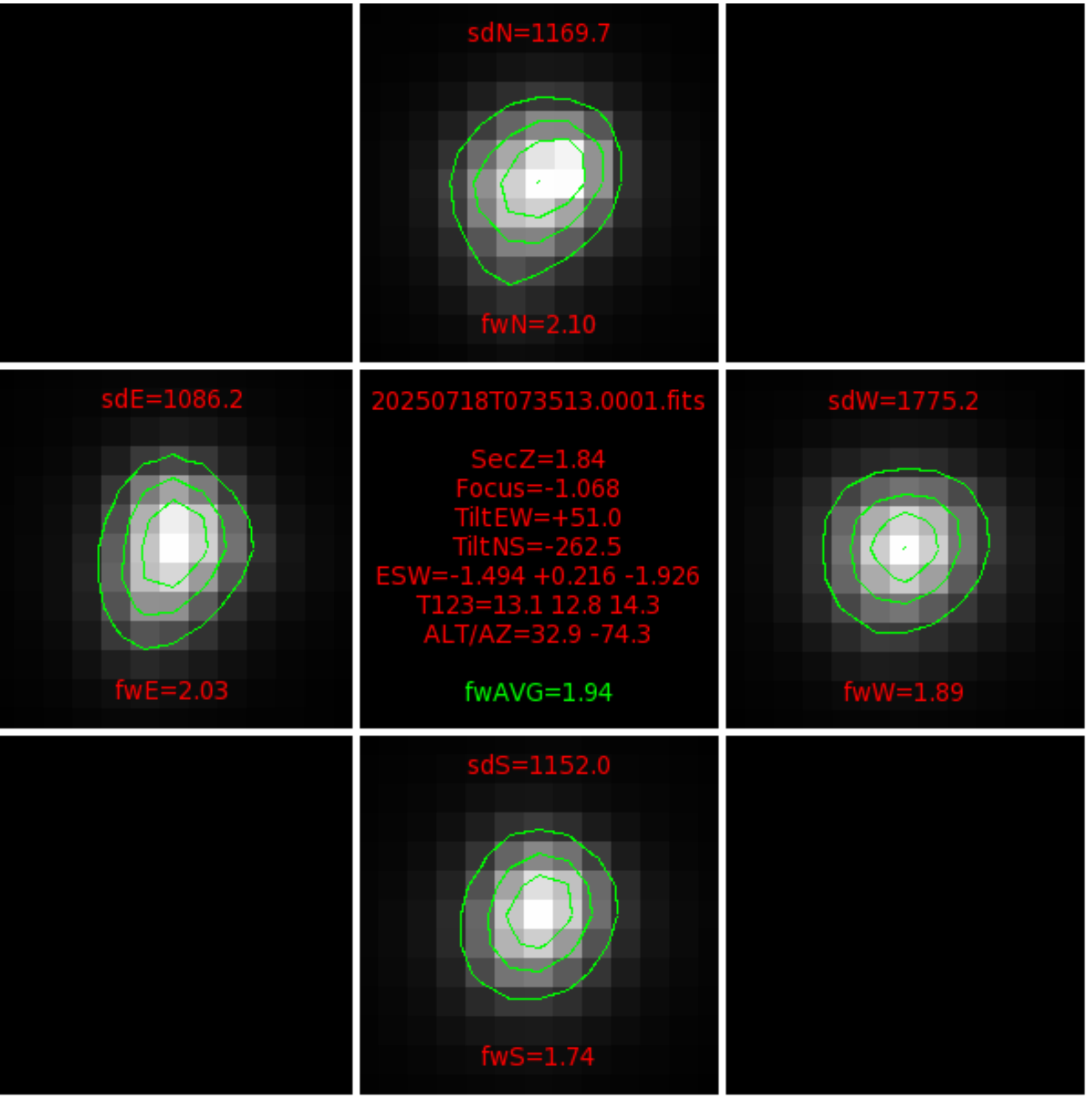
sdN=1169.7
fwN=2.10
sdE=1086.2
fwE=2.03
20250718T073513.0001.fits
SecZ=1.84
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.8 14.3
ALT/AZ=32.9 -74.3
fwAVG=1.94
sdW=1775.2
fwW=1.89
sdS=1152.0
fwS=1.74
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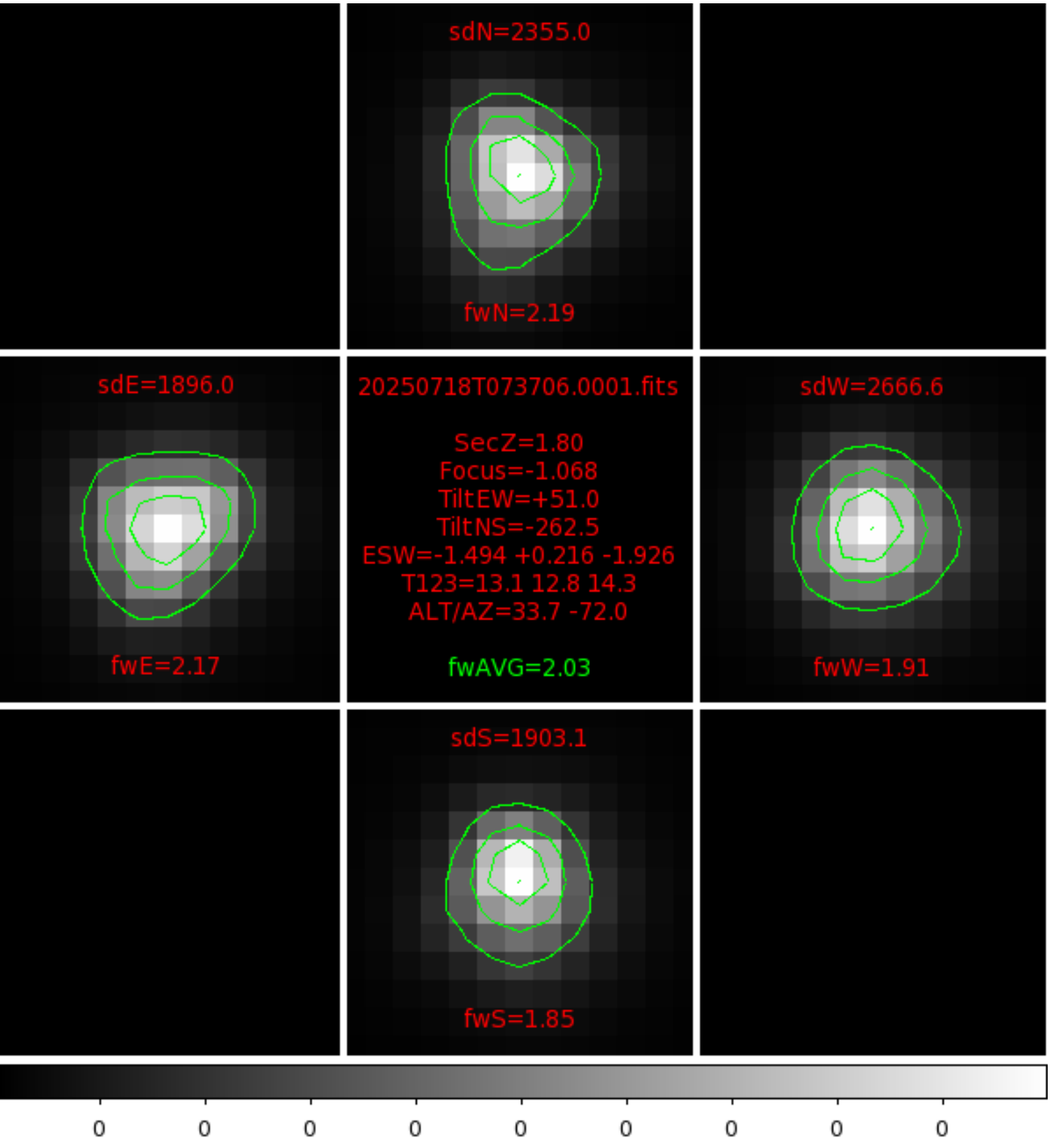
sdN=2355.0
fwN=2.19
sdE=1896.0
fwE=2.17
20250718T073706.0001.fits
SecZ=1.80
Focus=-1.068
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.494 +0.216 -1.926
T123=13.1 12.8 14.3
ALT/AZ=33.7 -72.0
fwAVG=2.03
sdW=2666.6
fwW=1.91
sdS=1903.1
fwS=1.85
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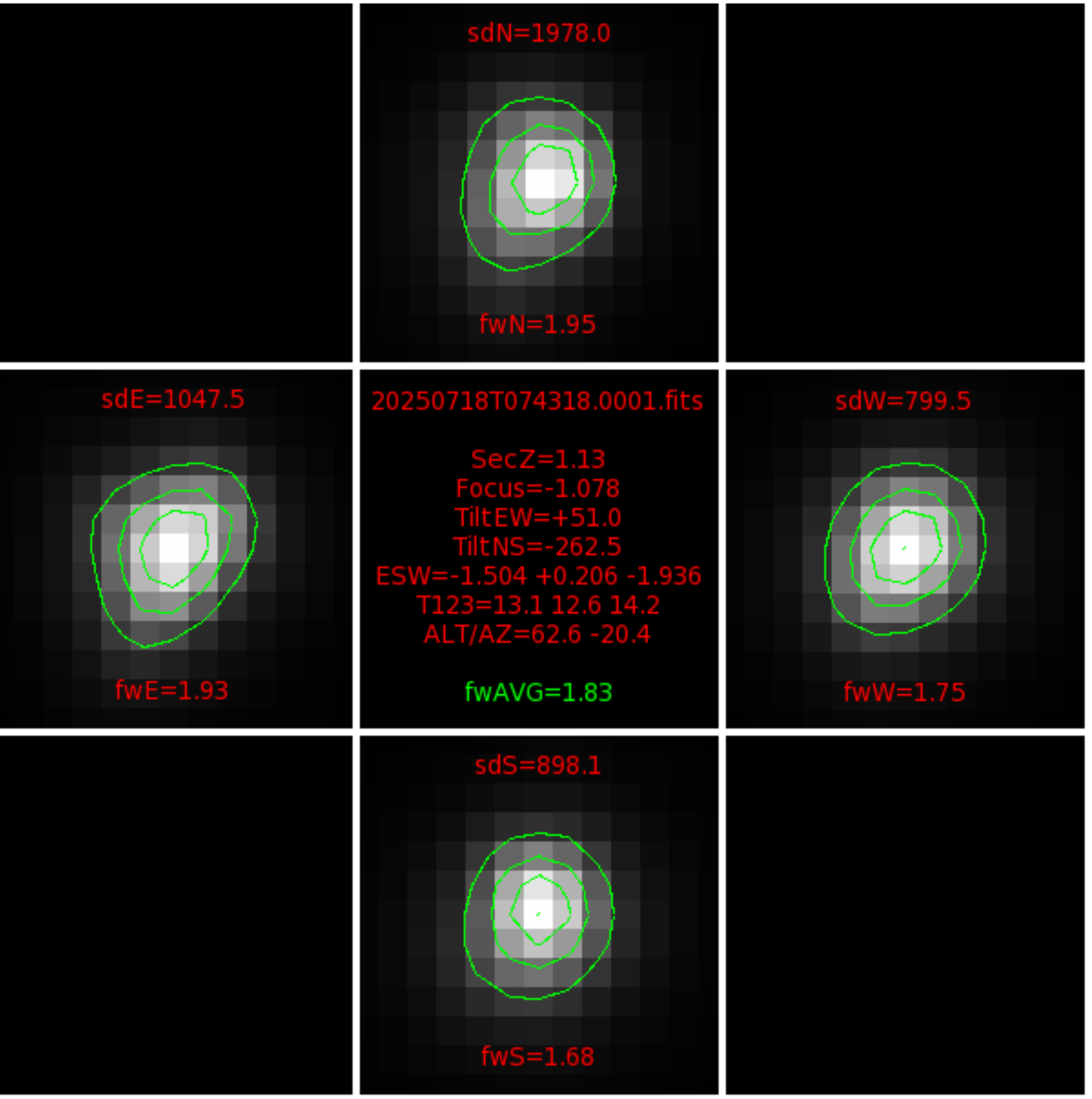
sdN=1978.0
fwN=1.95
sdE=1047.5
fwE=1.93
20250718T074318.0001.fits
SecZ=1.13
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=13.1 12.6 14.2
ALT/AZ=62.6 -20.4
fwAVG=1.83
sdW=799.5
fwW=1.75
sdS=898.1
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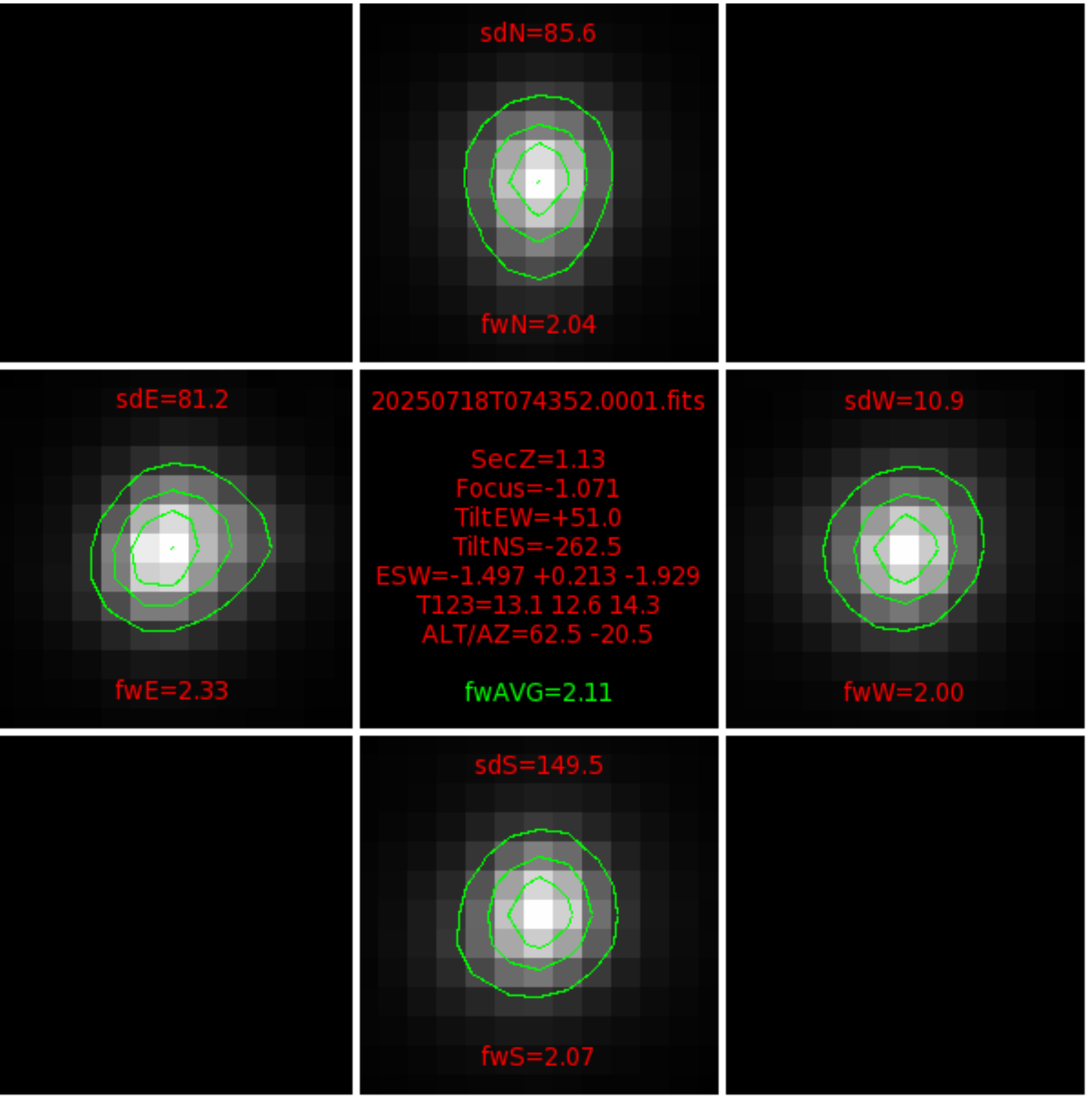
sdN=85.6
fwN=2.04
sdE=81.2
fwE=2.33
20250718T074352.0001.fits
SecZ=1.13
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=13.1 12.6 14.3
ALT/AZ=62.5 -20.5
fwAVG=2.11
sdW=10.9
fwW=2.00
sdS=149.5
fwS=2.07
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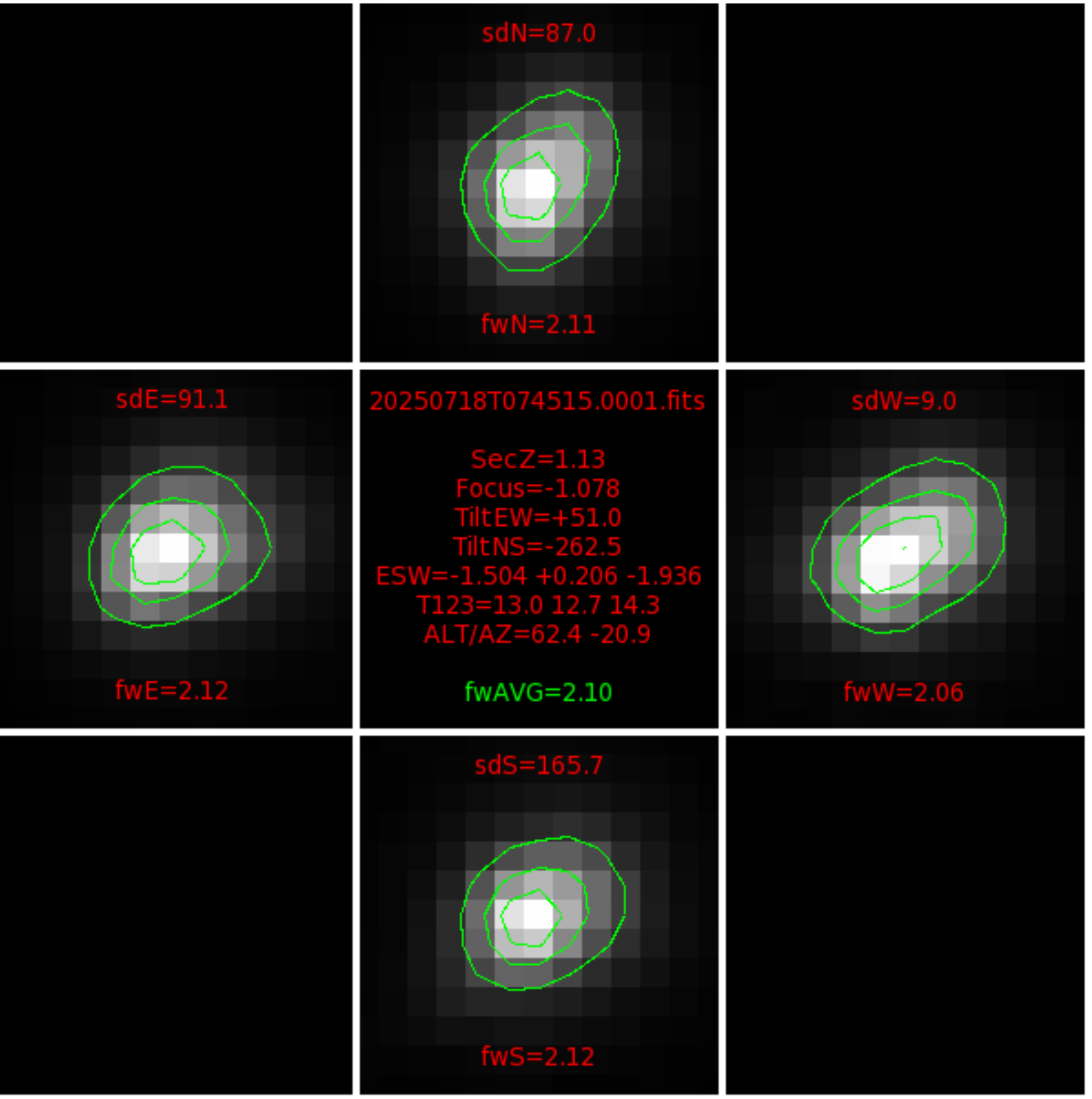
sdN=87.0
fwN=2.11
sdE=91.1
fwE=2.12
20250718T074515.0001.fits
SecZ=1.13
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=13.0 12.7 14.3
ALT/AZ=62.4 -20.9
fwAVG=2.10
sdW=9.0
fwW=2.06
sdS=165.7
fwS=2.12
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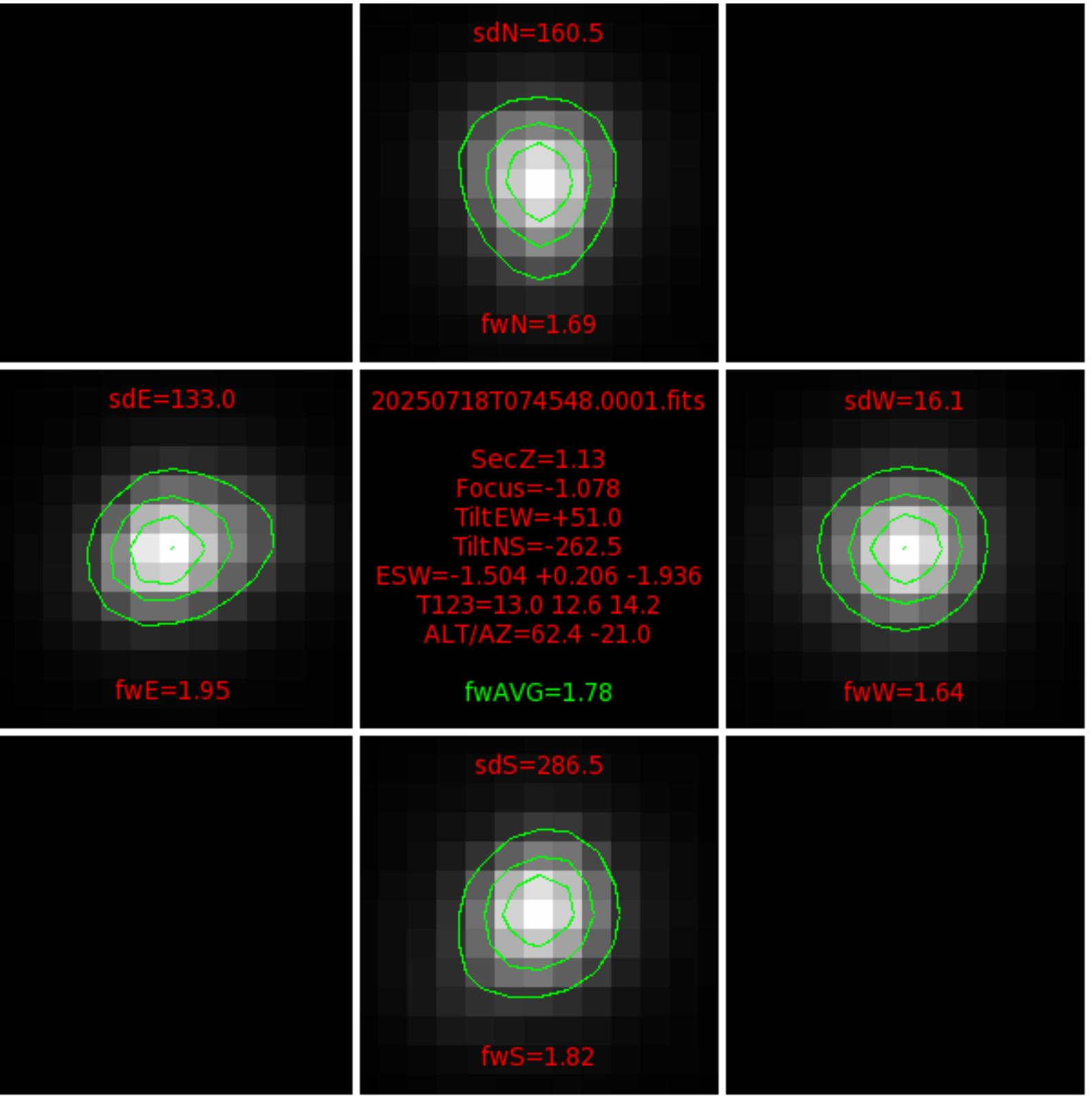
sdN=160.5
fwN=1.69
sdE=133.0
fwE=1.95
20250718T074548.0001.fits
SecZ=1.13
Focus=-1.078
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.504 +0.206 -1.936
T123=13.0 12.6 14.2
ALT/AZ=62.4 -21.0
fwAVG=1.78
sdW=16.1
fwW=1.64
sdS=286.5
fwS=1.82
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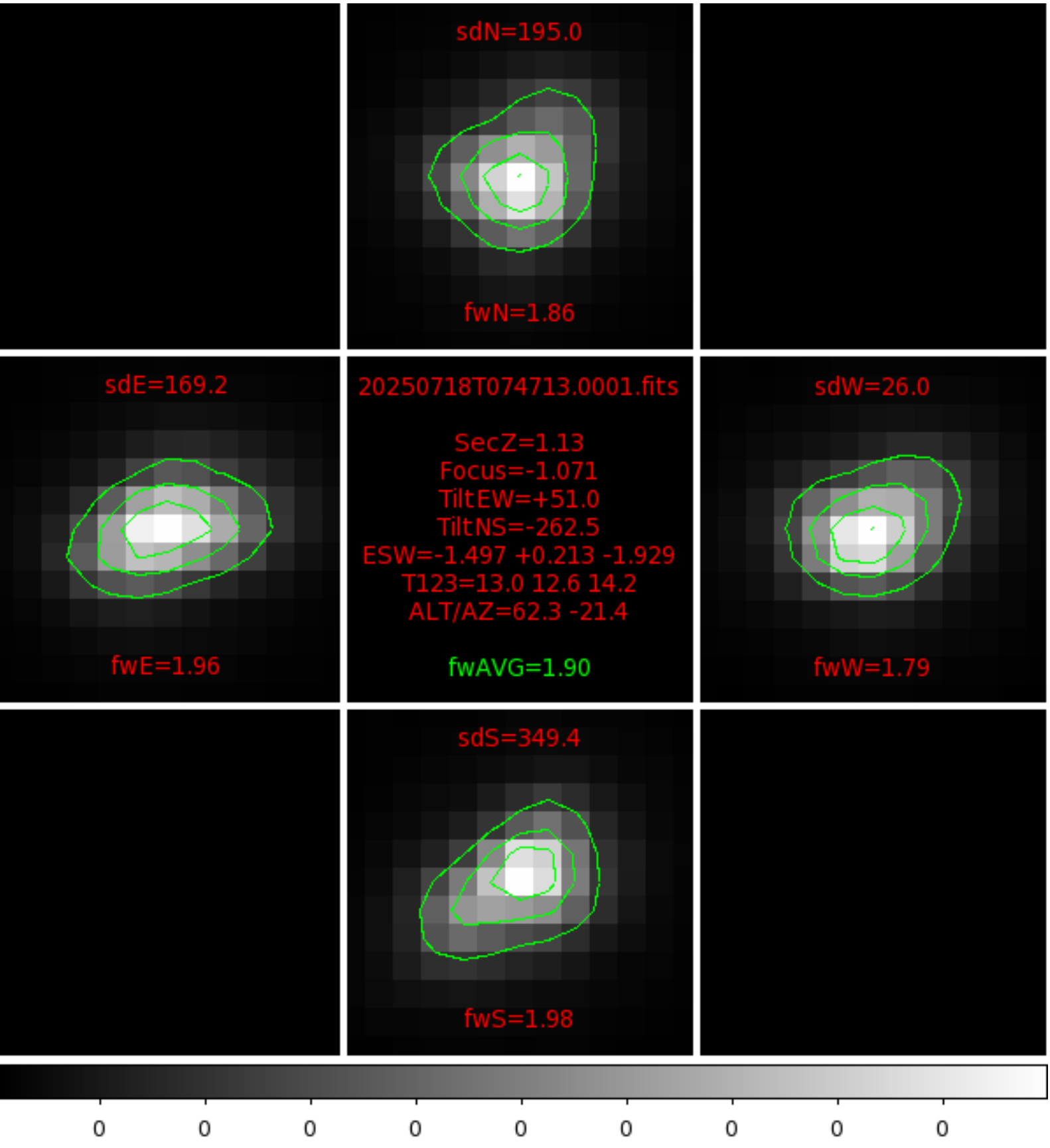
sdN=195.0
fwN=1.86
sdE=169.2
fwE=1.96
20250718T074713.0001.fits
SecZ=1.13
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=13.0 12.6 14.2
ALT/AZ=62.3 -21.4
fwAVG=1.90
sdW=26.0
fwW=1.79
sdS=349.4
fwS=1.98
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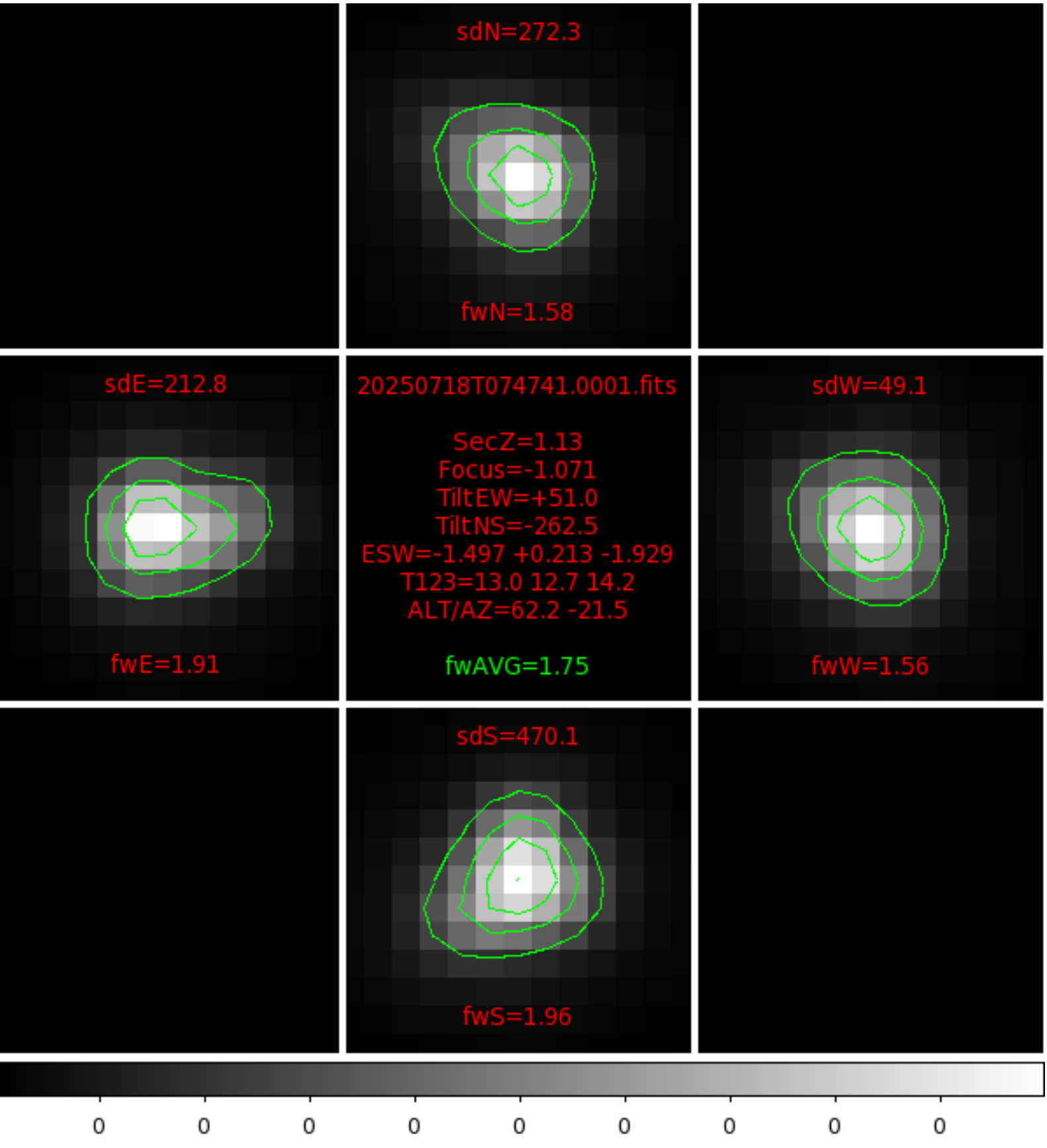
sdN=272.3
fwN=1.58
sdE=212.8
fwE=1.91
20250718T074741.0001.fits
SecZ=1.13
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=13.0 12.7 14.2
ALT/AZ=62.2 -21.5
fwAVG=1.75
sdW=49.1
fwW=1.56
sdS=470.1
fwS=1.96
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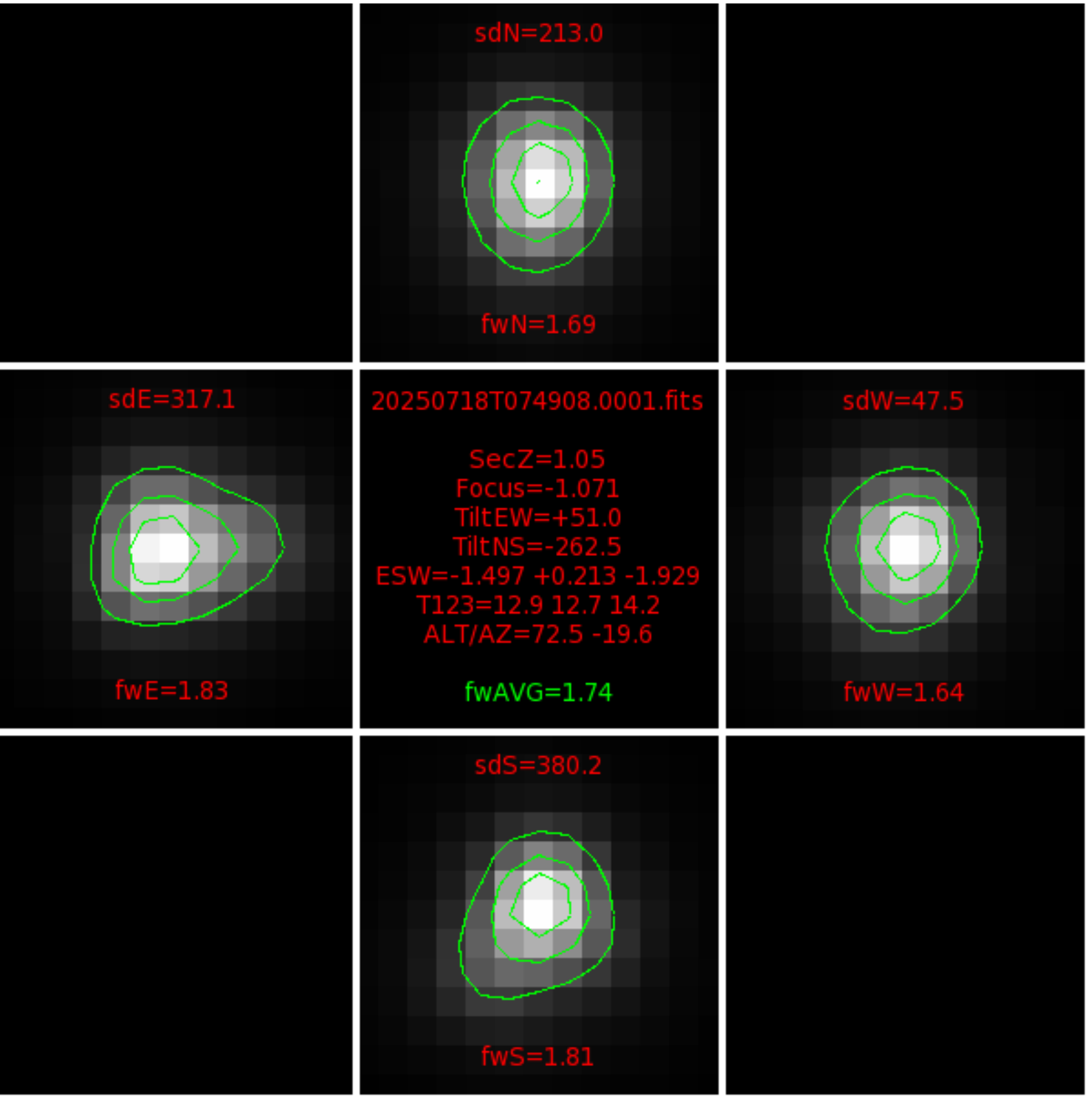
sdN=213.0
fwN=1.69
sdE=317.1
fwE=1.83
20250718T074908.0001.fits
SecZ=1.05
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.9 12.7 14.2
ALT/AZ=72.5 -19.6
fwAVG=1.74
sdW=47.5
fwW=1.64
sdS=380.2
fwS=1.81
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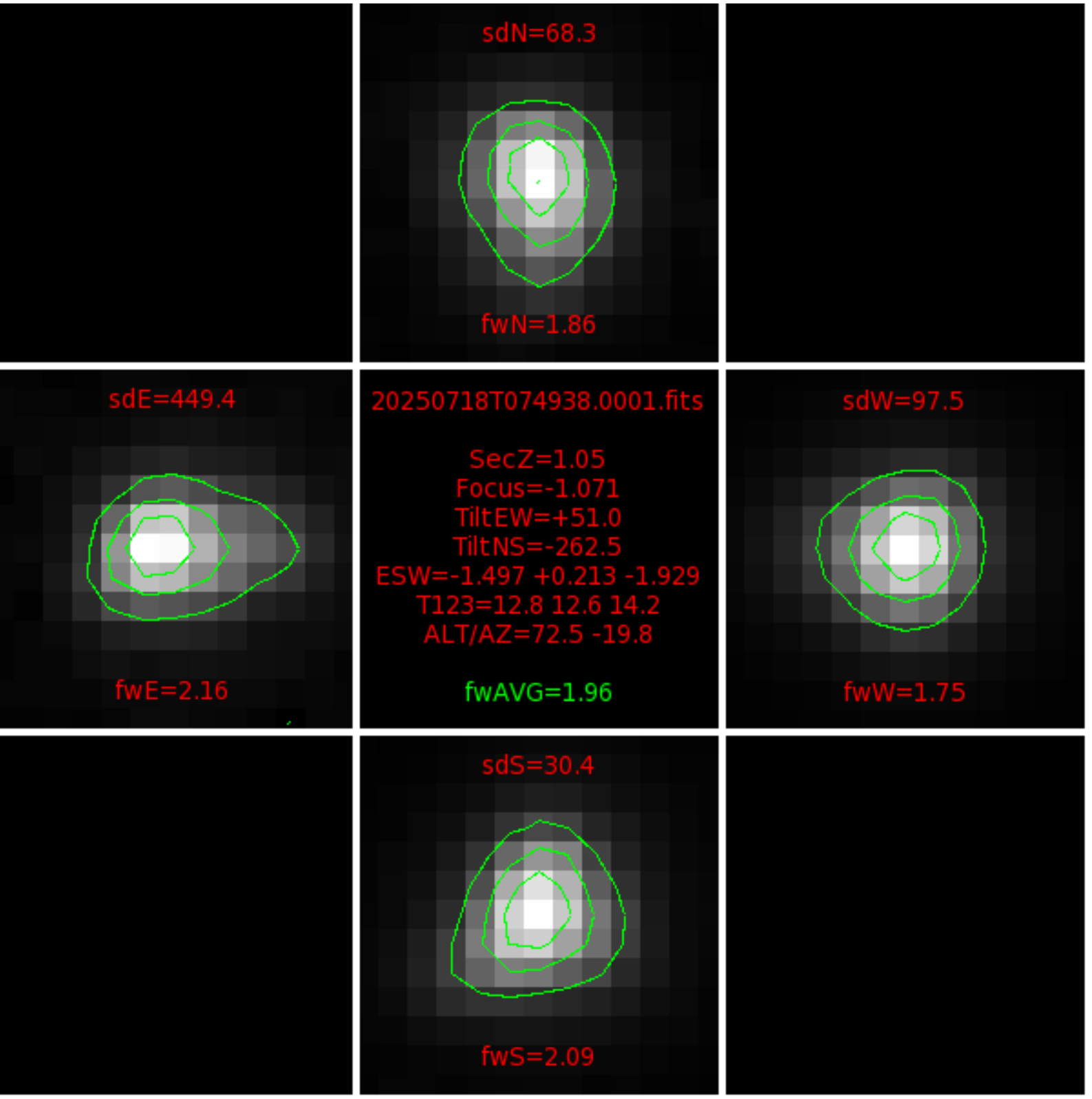
sdN=68.3
fwN=1.86
sdE=449.4
fwE=2.16
20250718T074938.0001.fits
SecZ=1.05
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.8 12.6 14.2
ALT/AZ=72.5 -19.8
fwAVG=1.96
sdW=97.5
fwW=1.75
sdS=30.4
fwS=2.09
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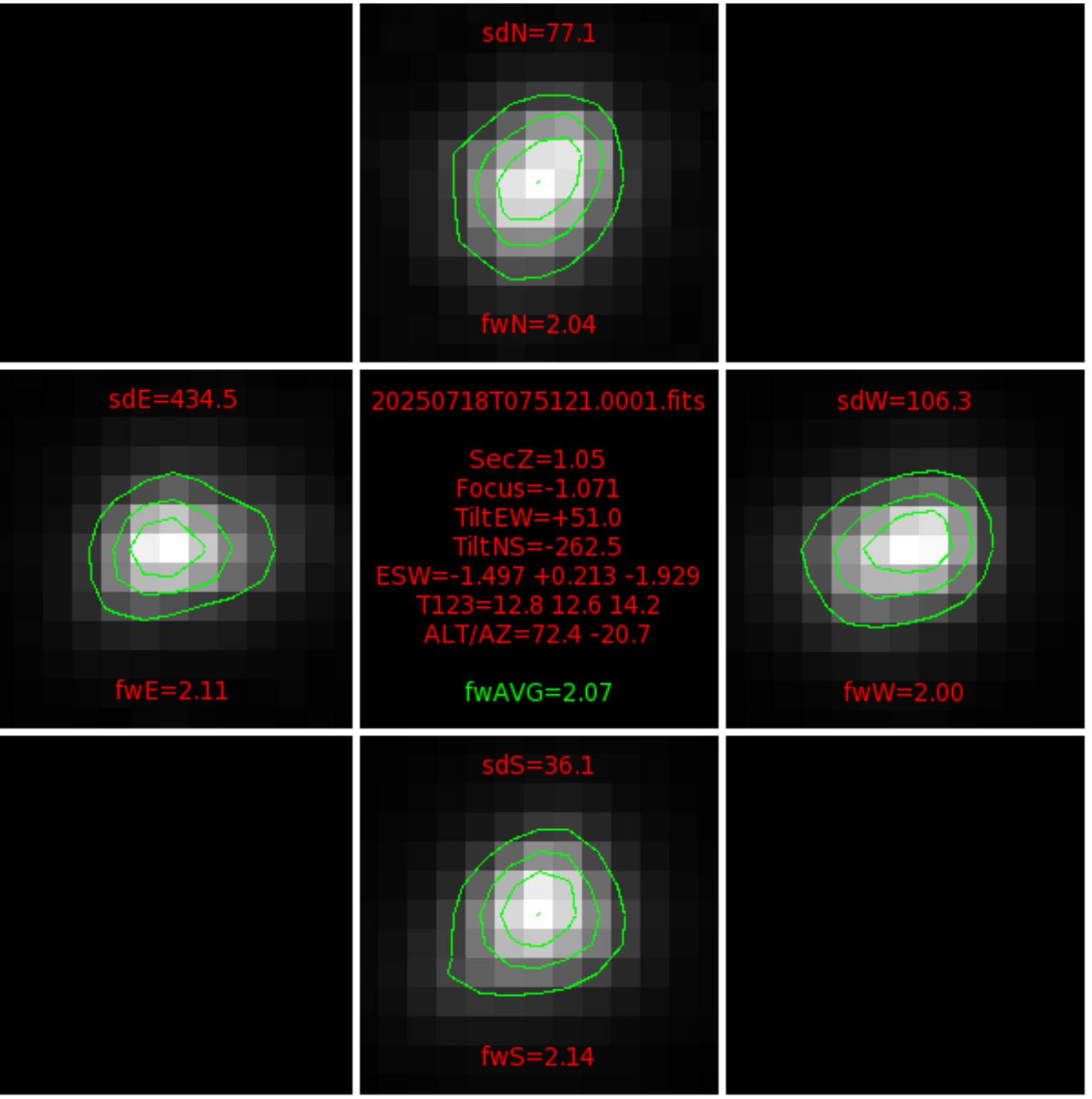
sdN=77.1
fwN=2.04
sdE=434.5
fwE=2.11
20250718T075121.0001.fits
SecZ=1.05
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.8 12.6 14.2
ALT/AZ=72.4 -20.7
fwAVG=2.07
sdW=106.3
fwW=2.00
sdS=36.1
fwS=2.14
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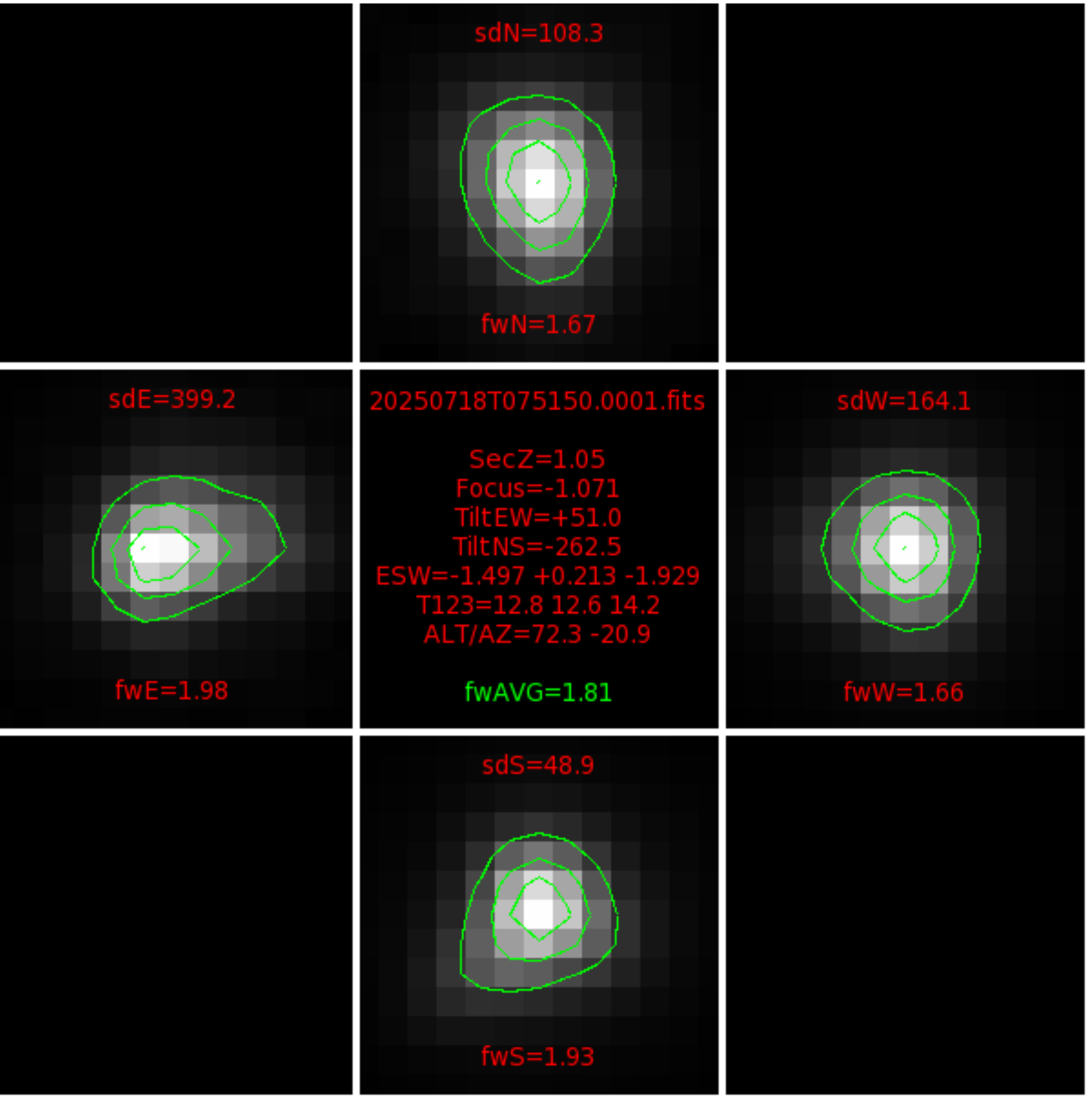
sdN=108.3
fwN=1.67
sdE=399.2
fwE=1.98
20250718T075150.0001.fits
SecZ=1.05
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.8 12.6 14.2
ALT/AZ=72.3 -20.9
fwAVG=1.81
sdW=164.1
fwW=1.66
sdS=48.9
fwS=1.93
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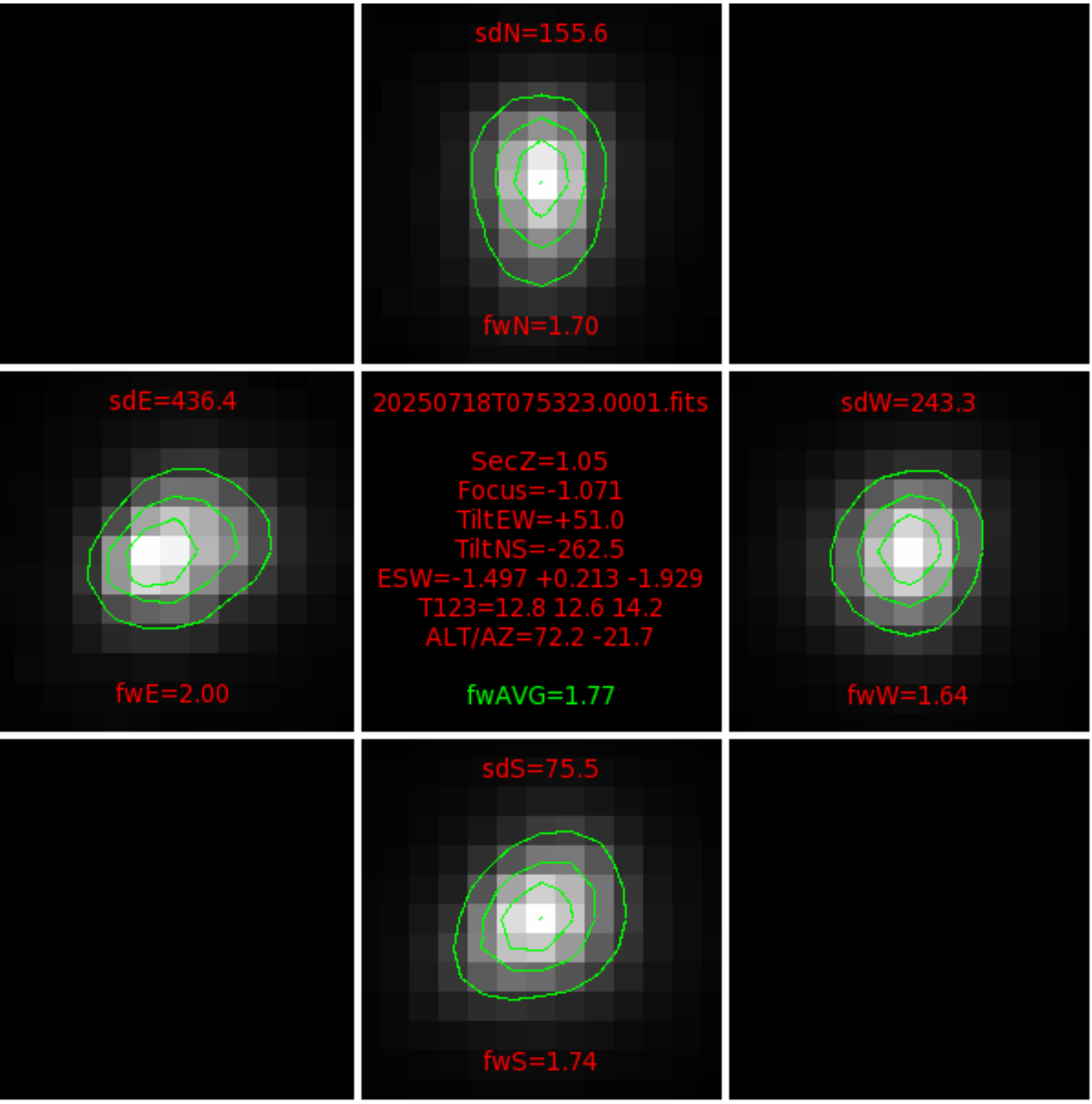
sdN=155.6
fwN=1.70
sdE=436.4
fwE=2.00
20250718T075323.0001.fits
SecZ=1.05
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.8 12.6 14.2
ALT/AZ=72.2 -21.7
fwAVG=1.77
sdW=243.3
fwW=1.64
sdS=75.5
fwS=1.74
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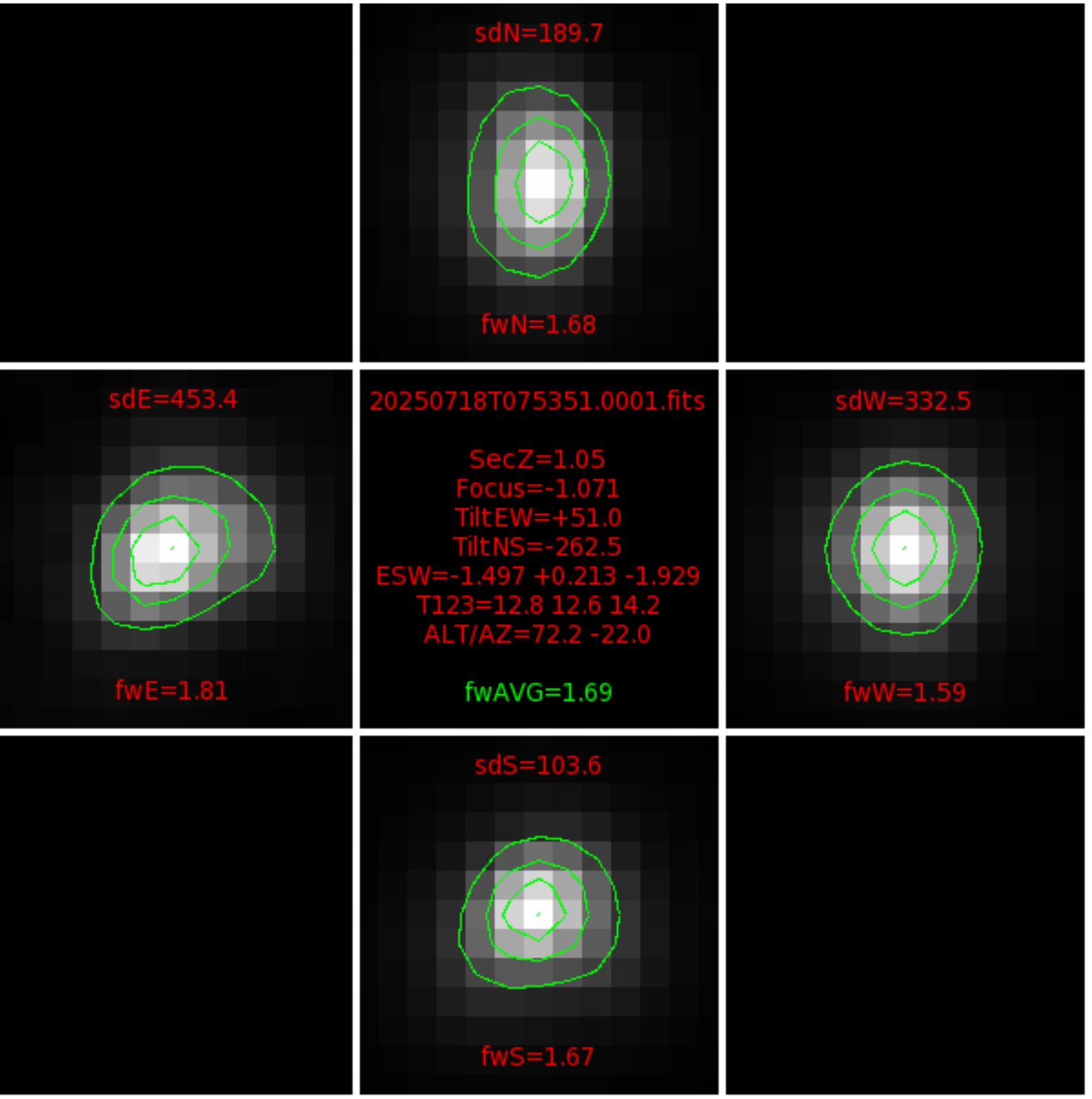
sdN=189.7
fwN=1.68
sdE=453.4
fwE=1.81
20250718T075351.0001.fits
SecZ=1.05
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.8 12.6 14.2
ALT/AZ=72.2 -22.0
fwAVG=1.69
sdW=332.5
fwW=1.59
sdS=103.6
fwS=1.67
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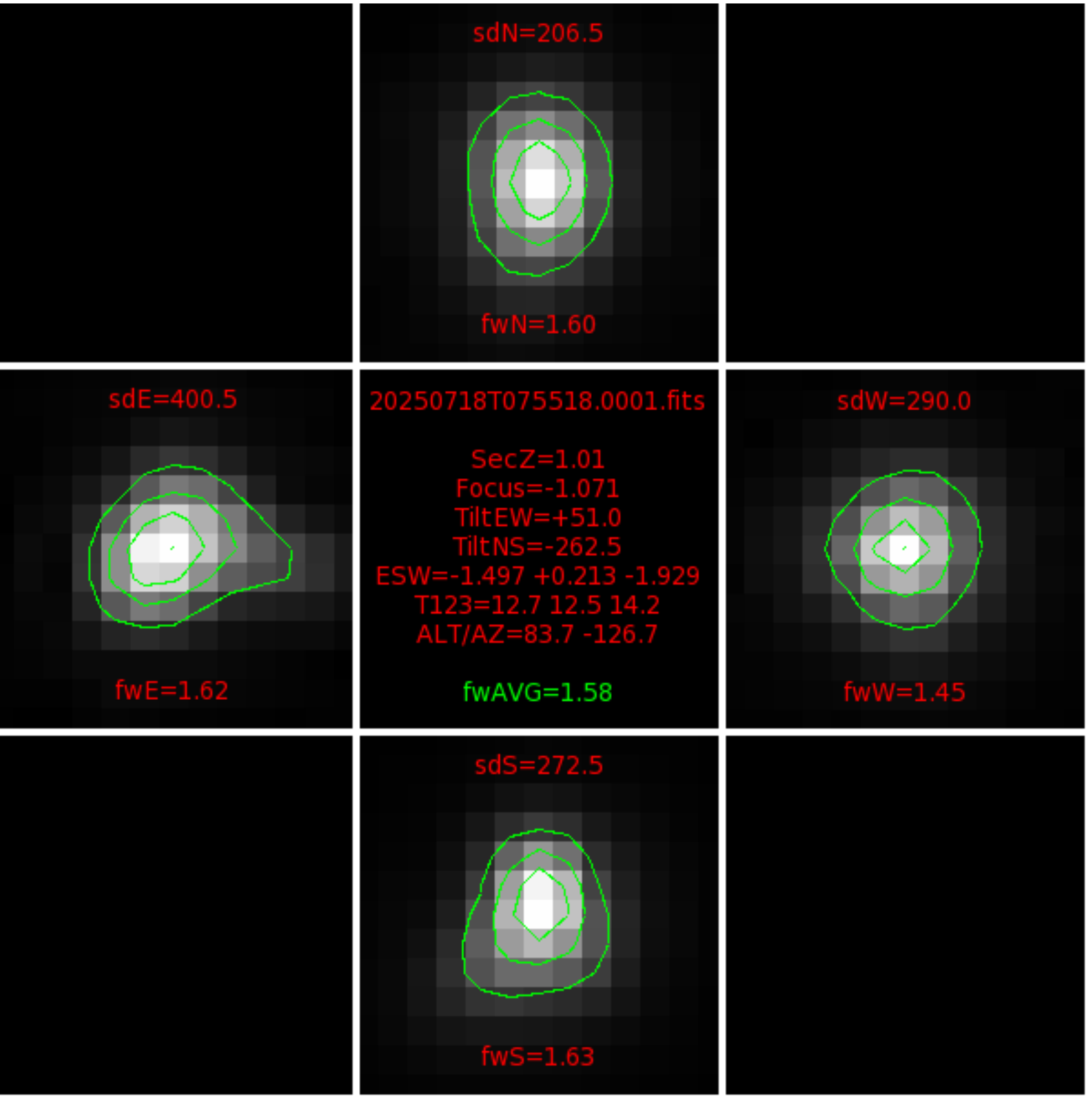
sdN=206.5
fwN=1.60
sdE=400.5
fwE=1.62
20250718T075518.0001.fits
SecZ=1.01
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.7 12.5 14.2
ALT/AZ=83.7 -126.7
fwAVG=1.58
sdW=290.0
fwW=1.45
sdS=272.5
fwS=1.63
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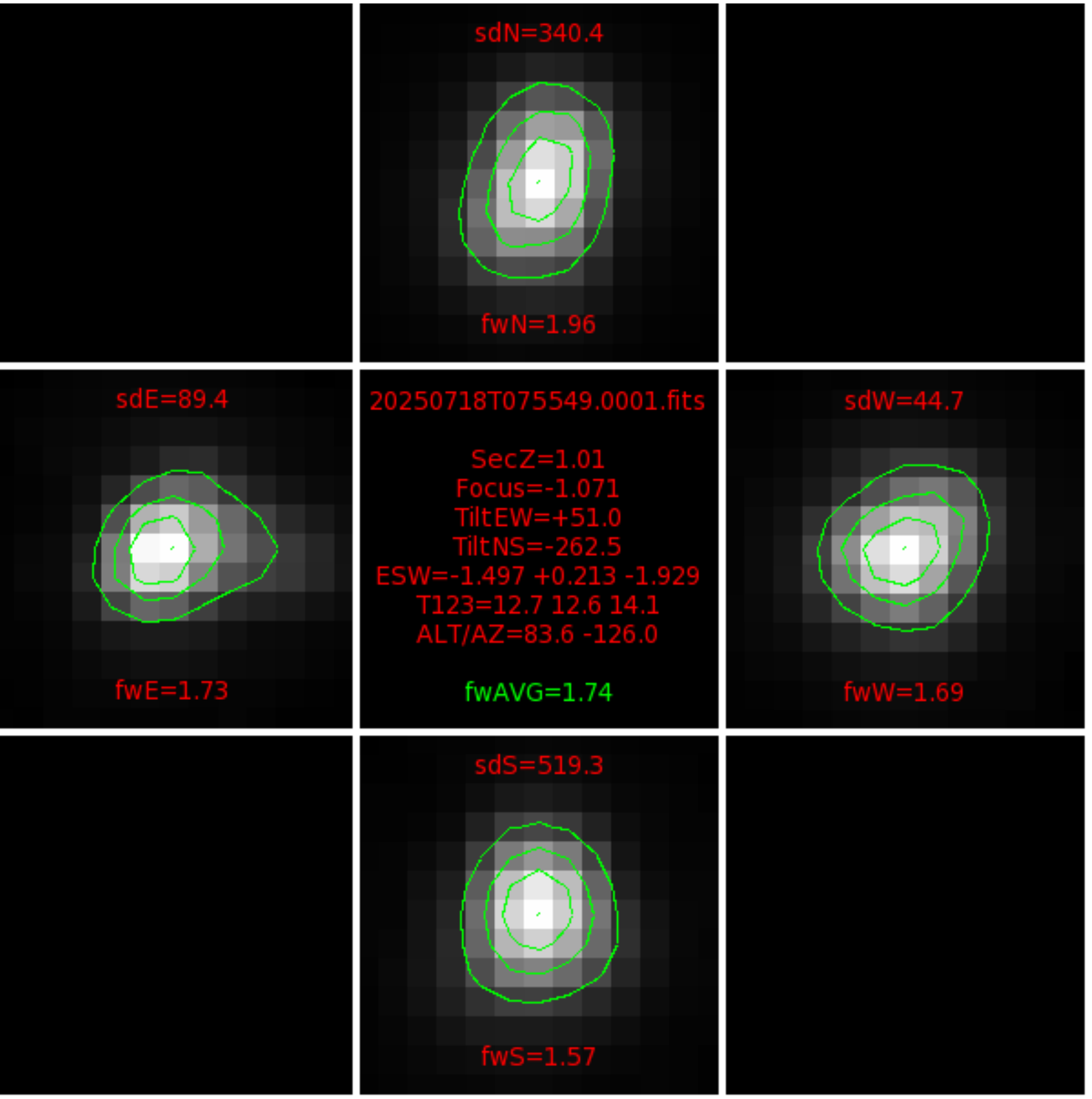
sdN=340.4
fwN=1.96
sdE=89.4
fwE=1.73
20250718T075549.0001.fits
SecZ=1.01
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.7 12.6 14.1
ALT/AZ=83.6 -126.0
fwAVG=1.74
sdW=44.7
fwW=1.69
sdS=519.3
fwS=1.57
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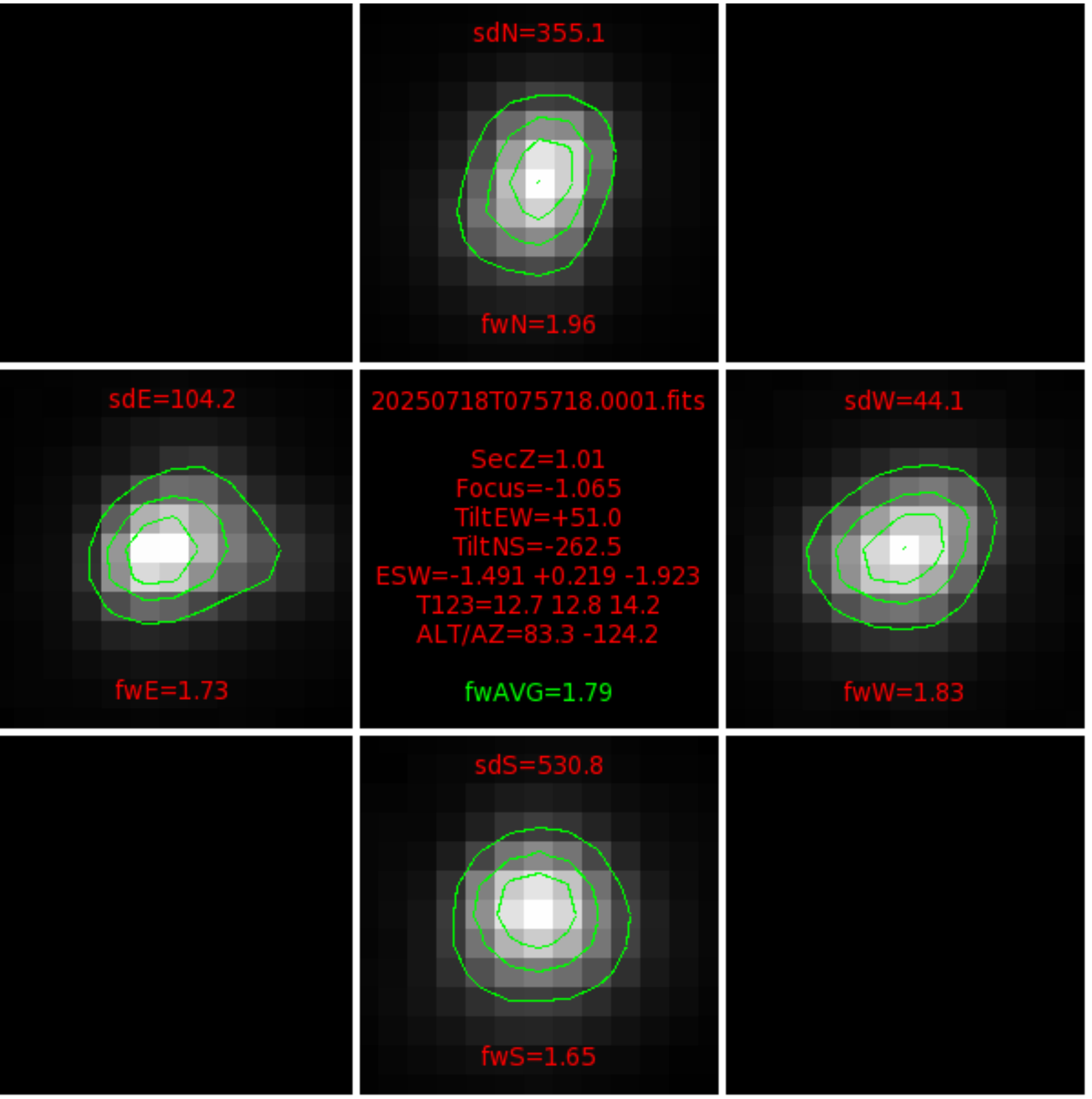
sdN=355.1
fwN=1.96
sdE=104.2
fwE=1.73
20250718T075718.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.7 12.8 14.2
ALT/AZ=83.3 -124.2
fwAVG=1.79
sdW=44.1
fwW=1.83
sdS=530.8
fwS=1.65
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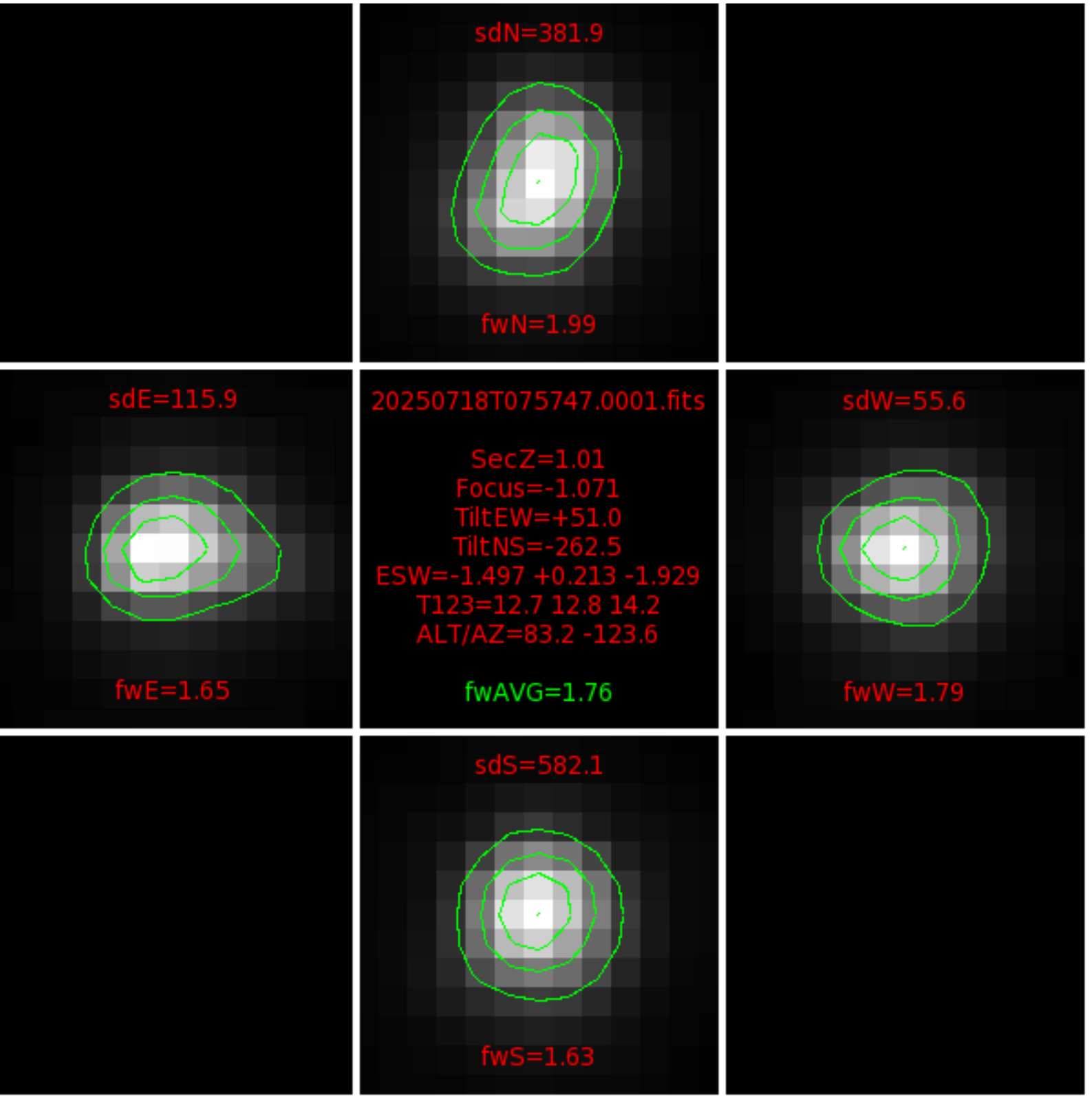
sdN=381.9
fwN=1.99
sdE=115.9
fwE=1.65
20250718T075747.0001.fits
SecZ=1.01
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.7 12.8 14.2
ALT/AZ=83.2 -123.6
fwAVG=1.76
sdW=55.6
fwW=1.79
sdS=582.1
fwS=1.63
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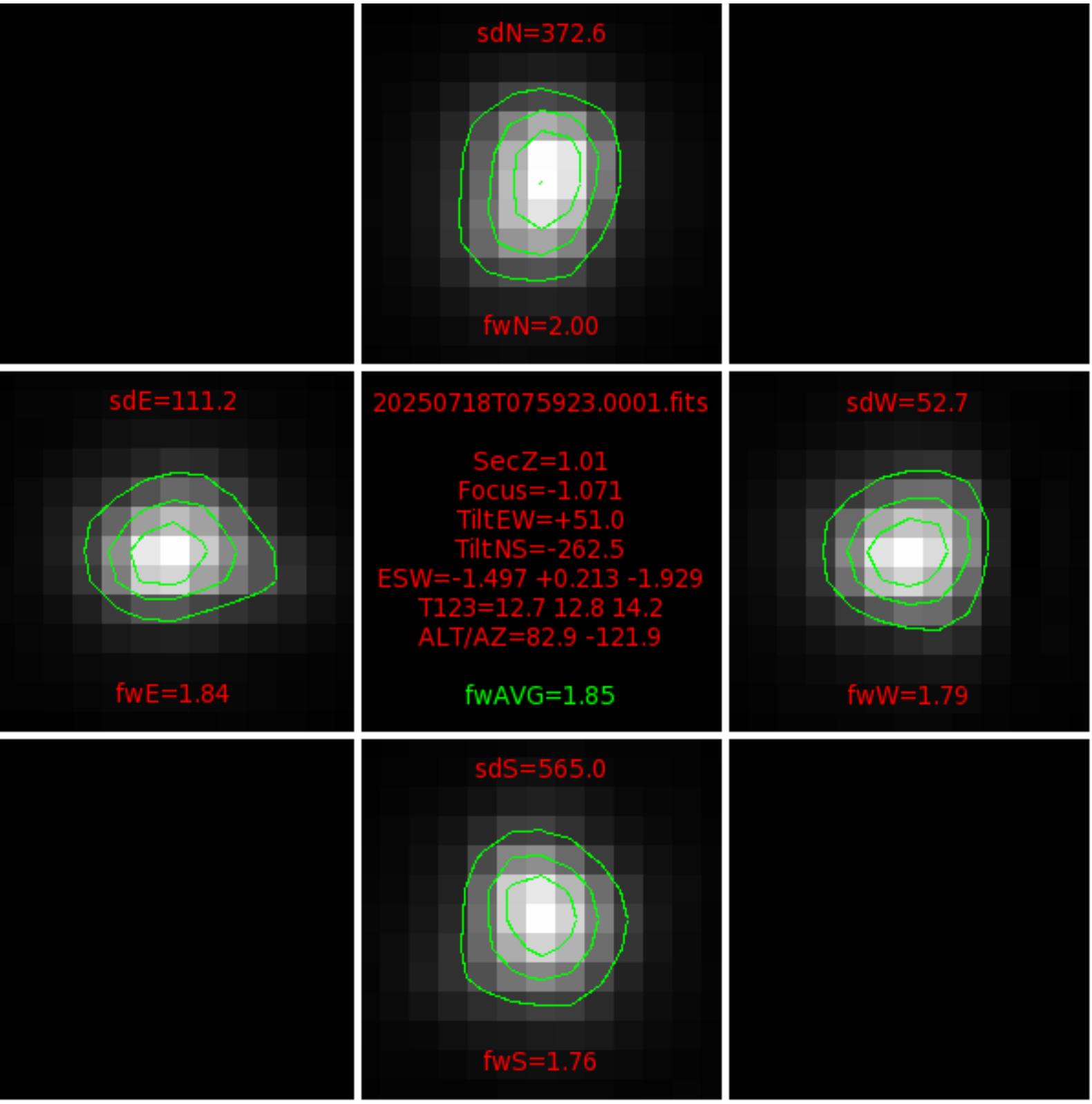
sdN=372.6
fwN=2.00
sdE=111.2
fwE=1.84
20250718T075923.0001.fits
SecZ=1.01
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.7 12.8 14.2
ALT/AZ=82.9 -121.9
fwAVG=1.85
sdW=52.7
fwW=1.79
sdS=565.0
fwS=1.76
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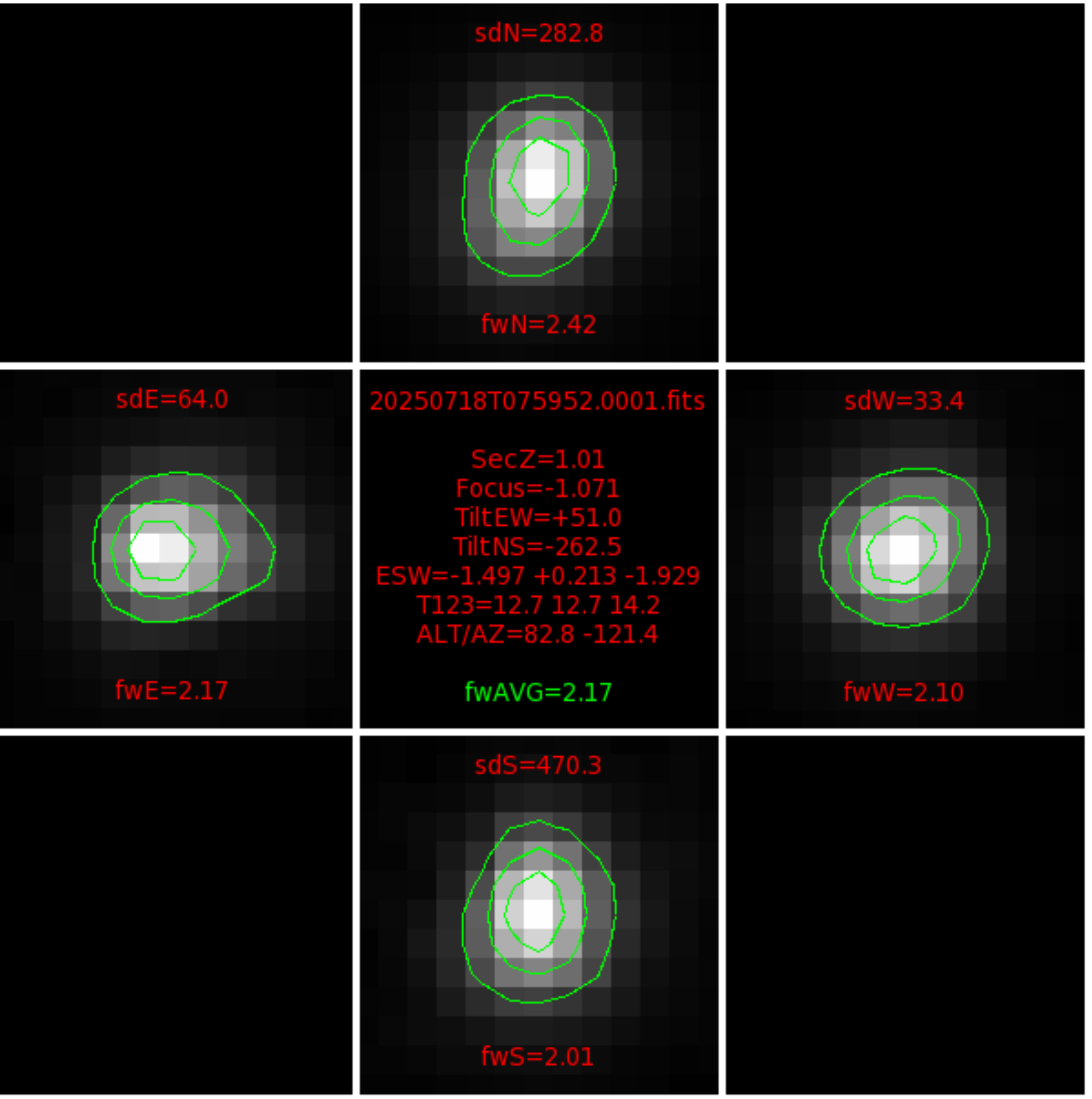
sdN=282.8
fwN=2.42
sdE=64.0
fwE=2.17
20250718T075952.0001.fits
SecZ=1.01
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.7 12.7 14.2
ALT/AZ=82.8 -121.4
fwAVG=2.17
sdW=33.4
fwW=2.10
sdS=470.3
fwS=2.01
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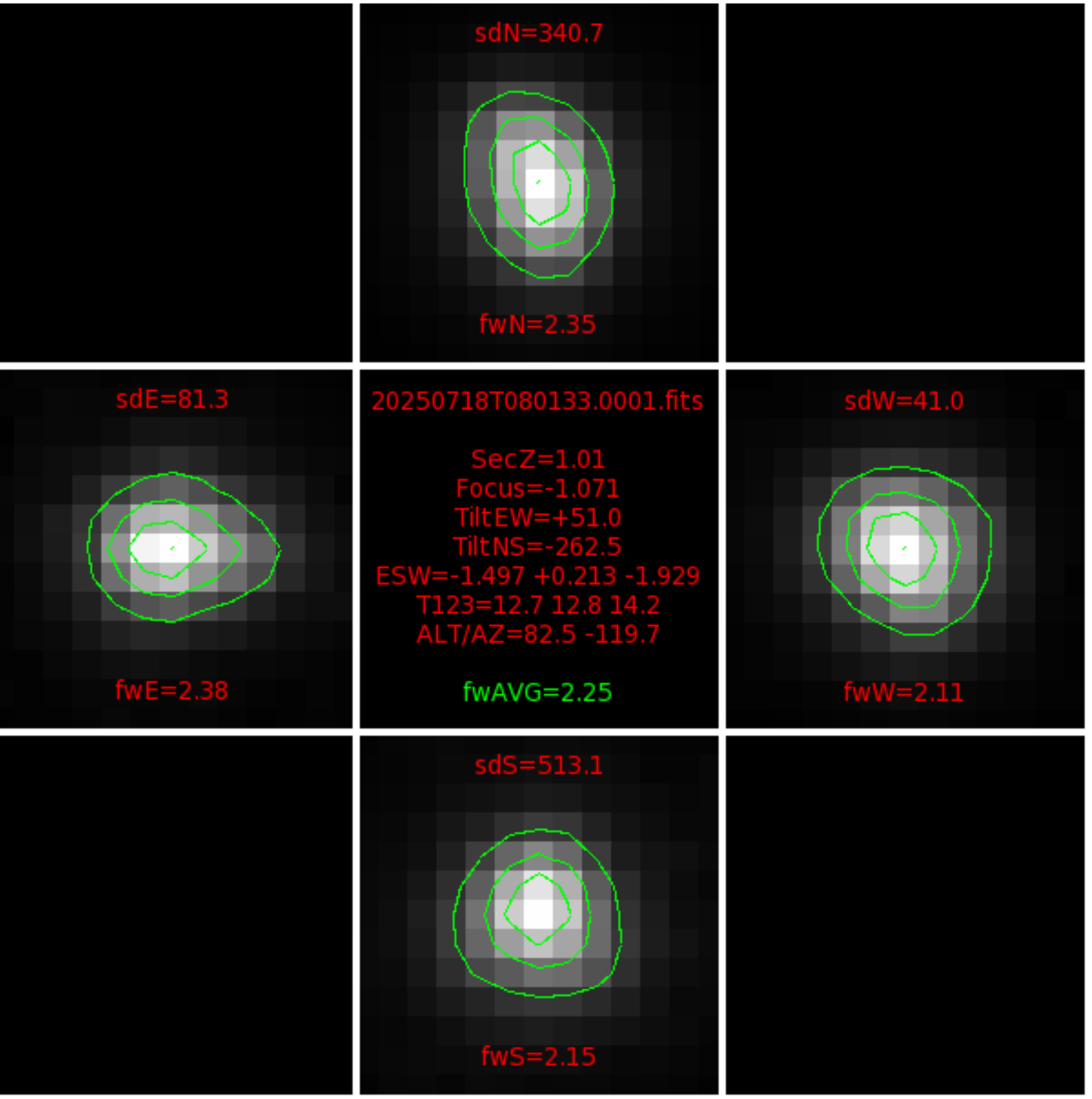
sdN=340.7
fwN=2.35
sdE=81.3
fwE=2.38
20250718T080133.0001.fits
SecZ=1.01
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.7 12.8 14.2
ALT/AZ=82.5 -119.7
fwAVG=2.25
sdW=41.0
fwW=2.11
sdS=513.1
fwS=2.15
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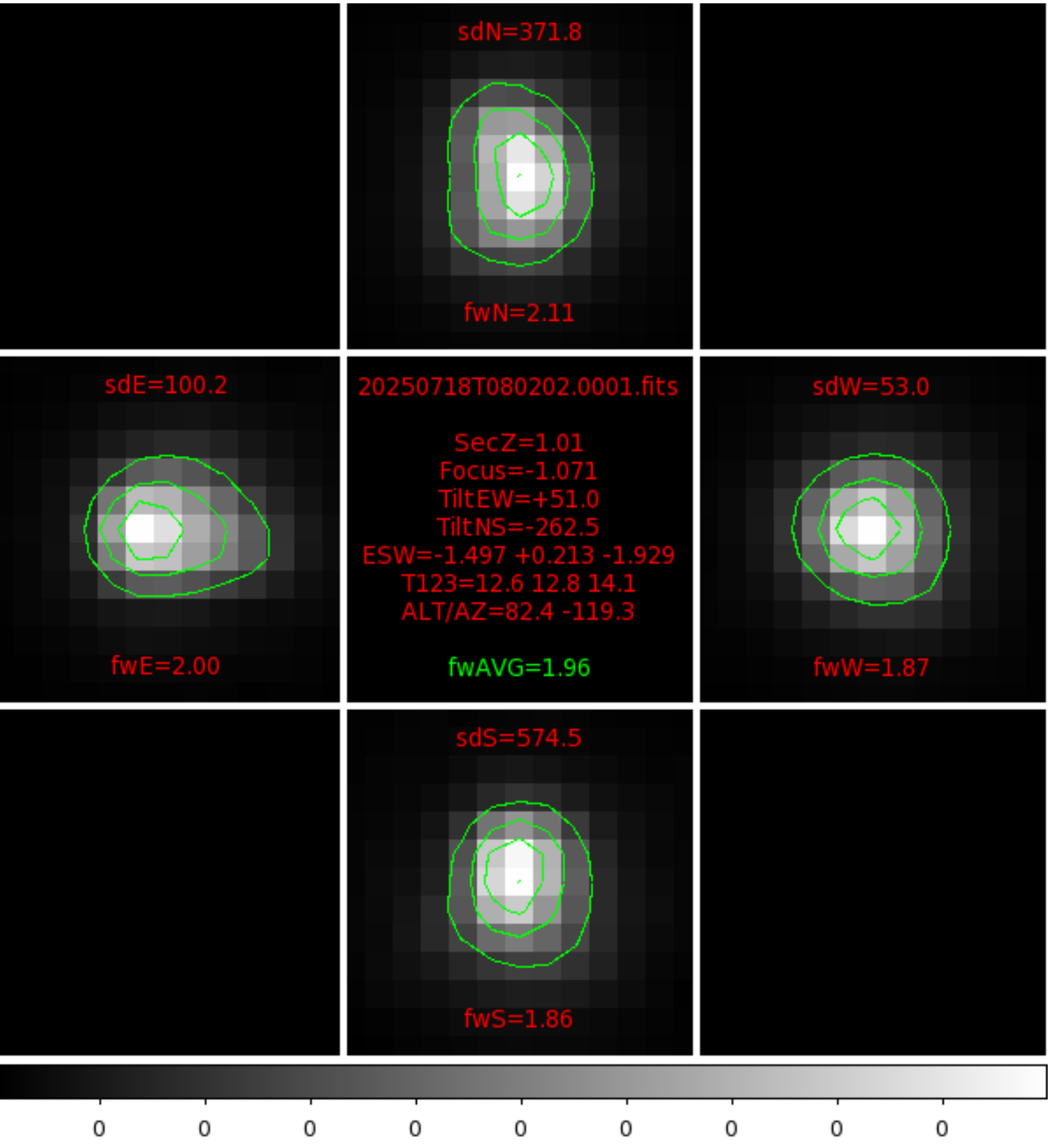
sdN=371.8
fwN=2.11
sdE=100.2
fwE=2.00
20250718T080202.0001.fits
SecZ=1.01
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.6 12.8 14.1
ALT/AZ=82.4 -119.3
fwAVG=1.96
sdW=53.0
fwW=1.87
sdS=574.5
fwS=1.86
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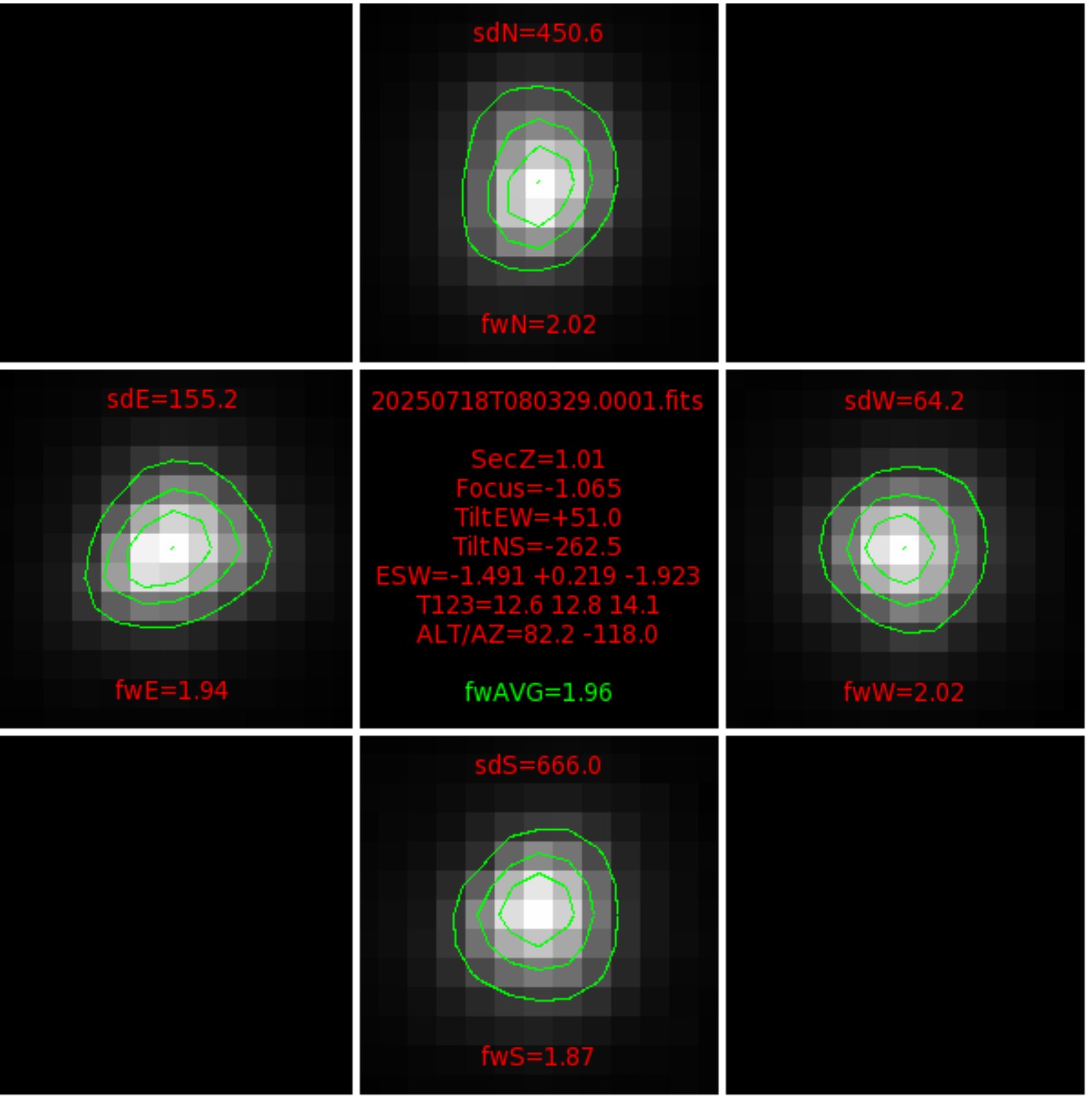
sdN=450.6
fwN=2.02
sdE=155.2
fwE=1.94
20250718T080329.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.6 12.8 14.1
ALT/AZ=82.2 -118.0
fwAVG=1.96
sdW=64.2
fwW=2.02
sdS=666.0
fwS=1.87
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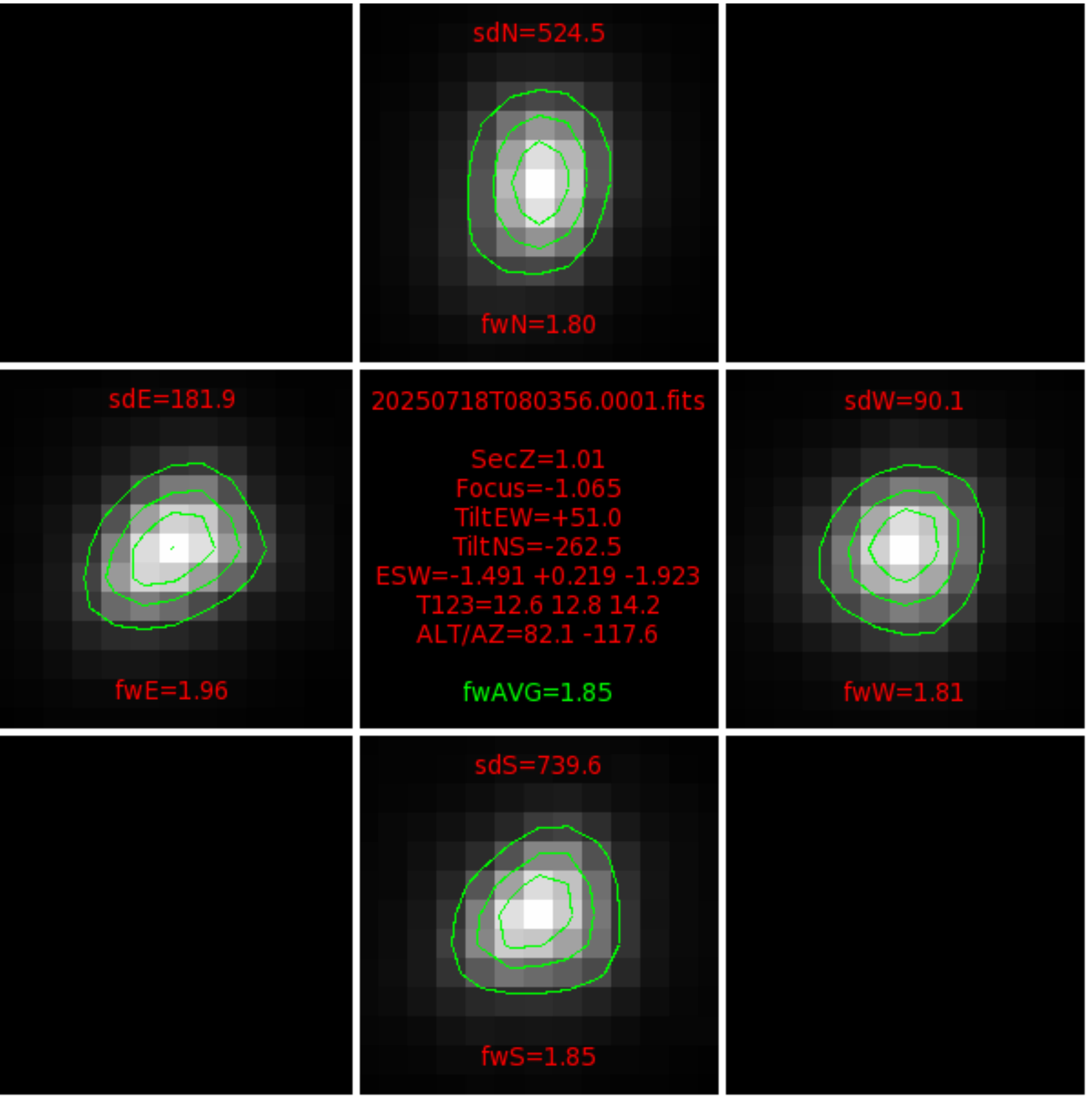
sdN=524.5
fwN=1.80
sdE=181.9
fwE=1.96
20250718T080356.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.6 12.8 14.2
ALT/AZ=82.1 -117.6
fwAVG=1.85
sdW=90.1
fwW=1.81
sdS=739.6
fwS=1.85
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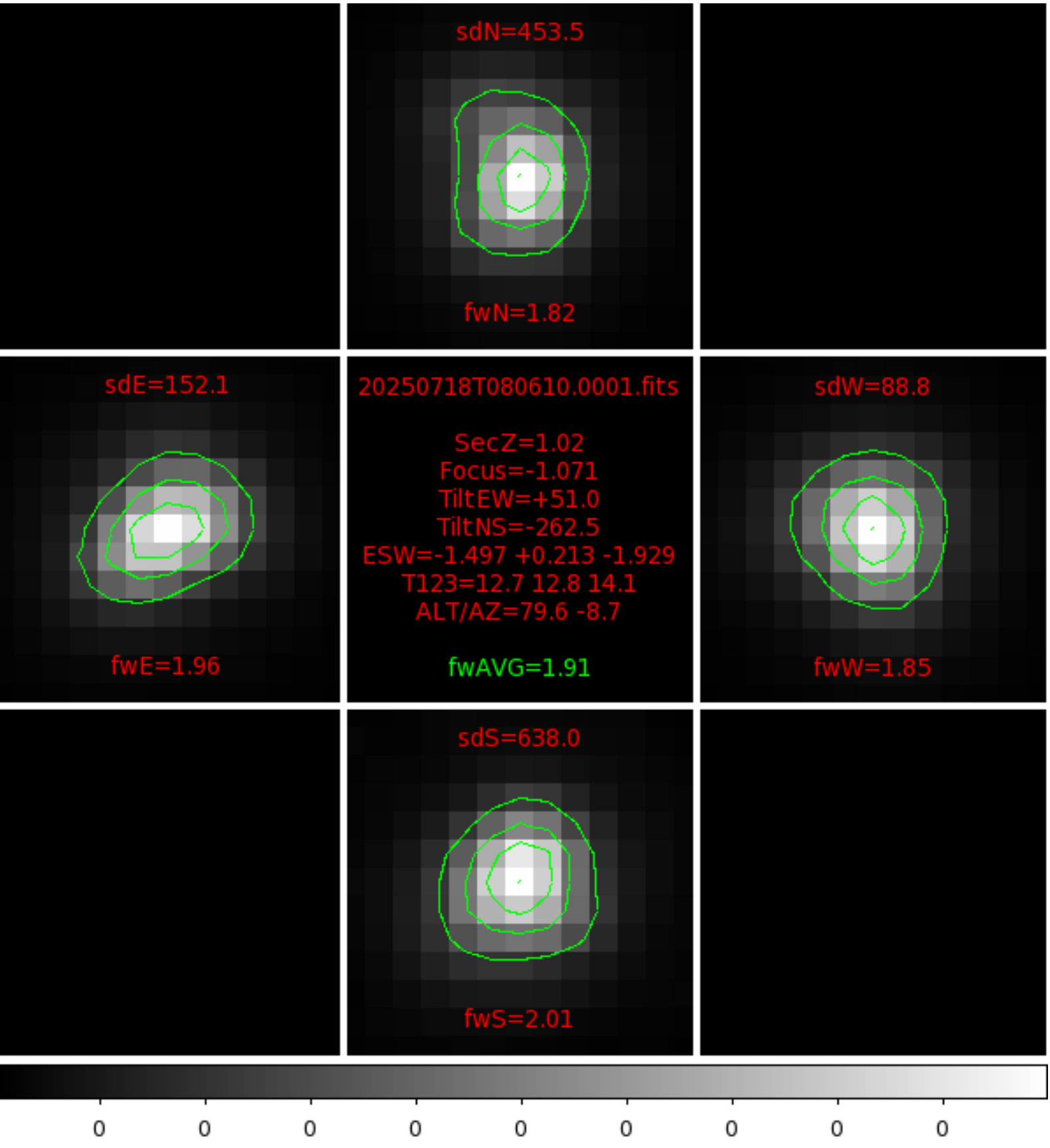
sdN=453.5
fwN=1.82
sdE=152.1
fwE=1.96
20250718T080610.0001.fits
SecZ=1.02
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.7 12.8 14.1
ALT/AZ=79.6 -8.7
fwAVG=1.91
sdW=88.8
fwW=1.85
sdS=638.0
fwS=2.01
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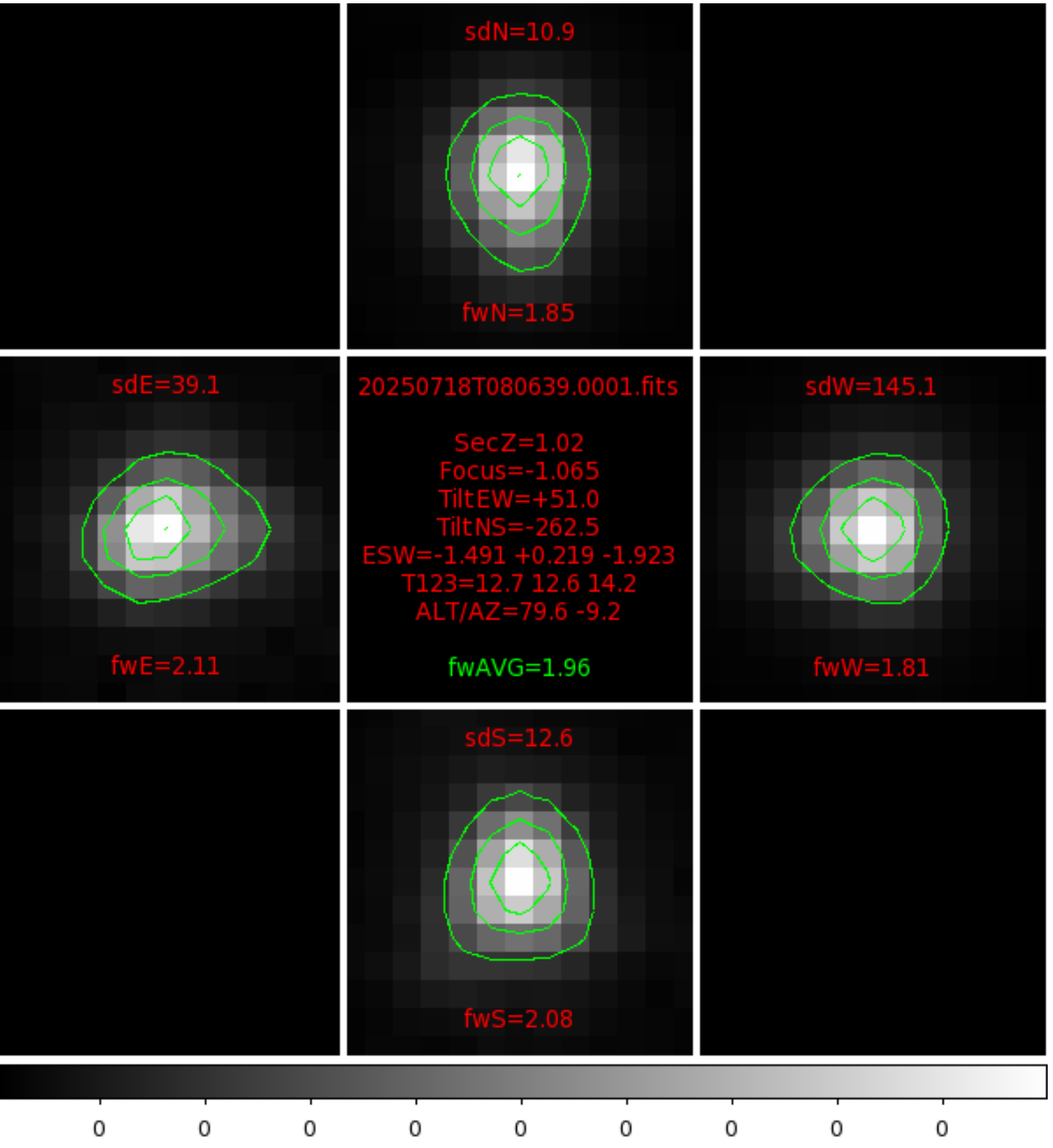
sdN=10.9
fwN=1.85
sdE=39.1
fwE=2.11
20250718T080639.0001.fits
SecZ=1.02
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.7 12.6 14.2
ALT/AZ=79.6 -9.2
fwAVG=1.96
sdW=145.1
fwW=1.81
sdS=12.6
fwS=2.08
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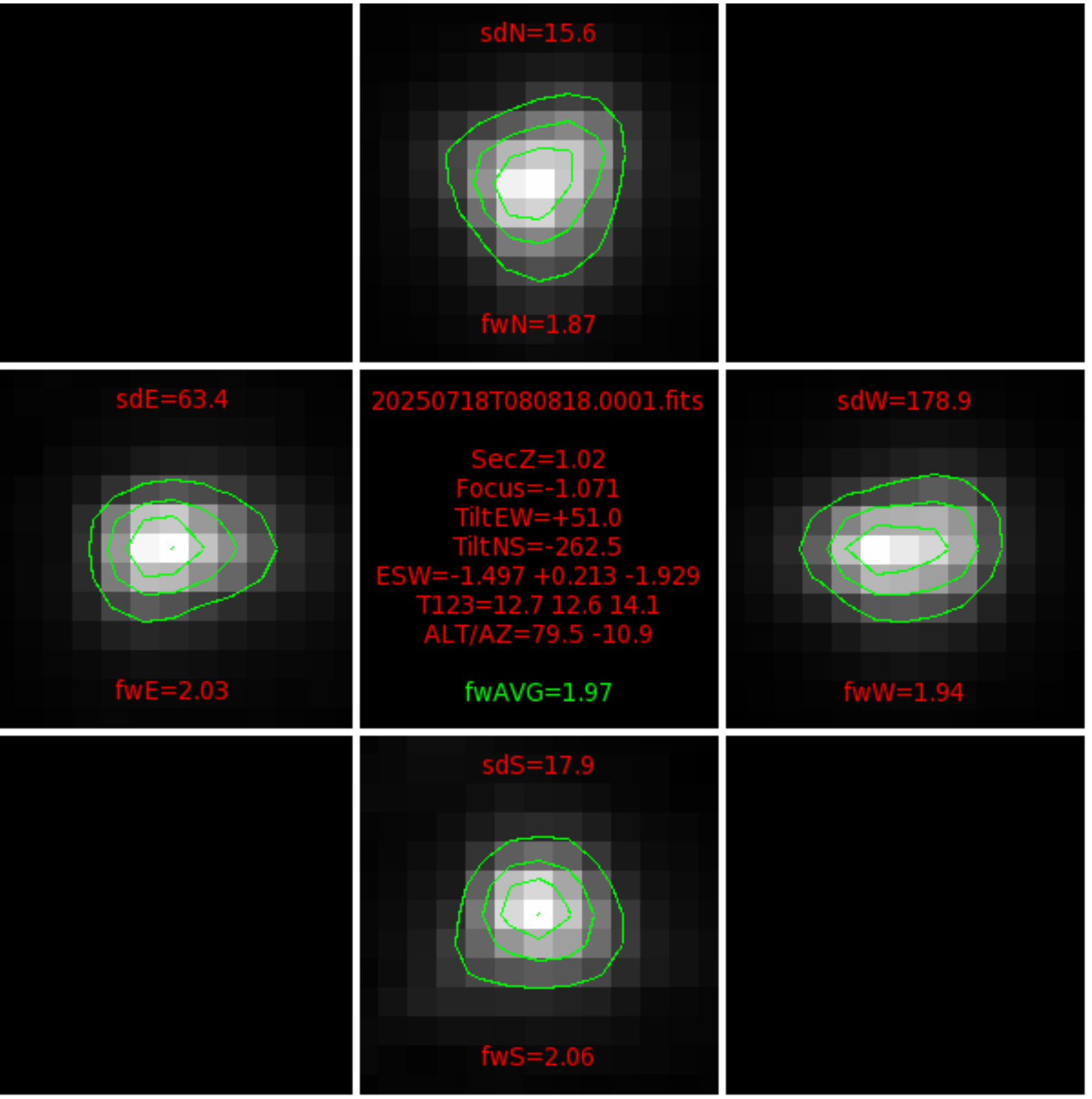
sdN=15.6
fwN=1.87
sdE=63.4
fwE=2.03
20250718T080818.0001.fits
SecZ=1.02
Focus=-1.071
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.497 +0.213 -1.929
T123=12.7 12.6 14.1
ALT/AZ=79.5 -10.9
fwAVG=1.97
sdW=178.9
fwW=1.94
sdS=17.9
fwS=2.06
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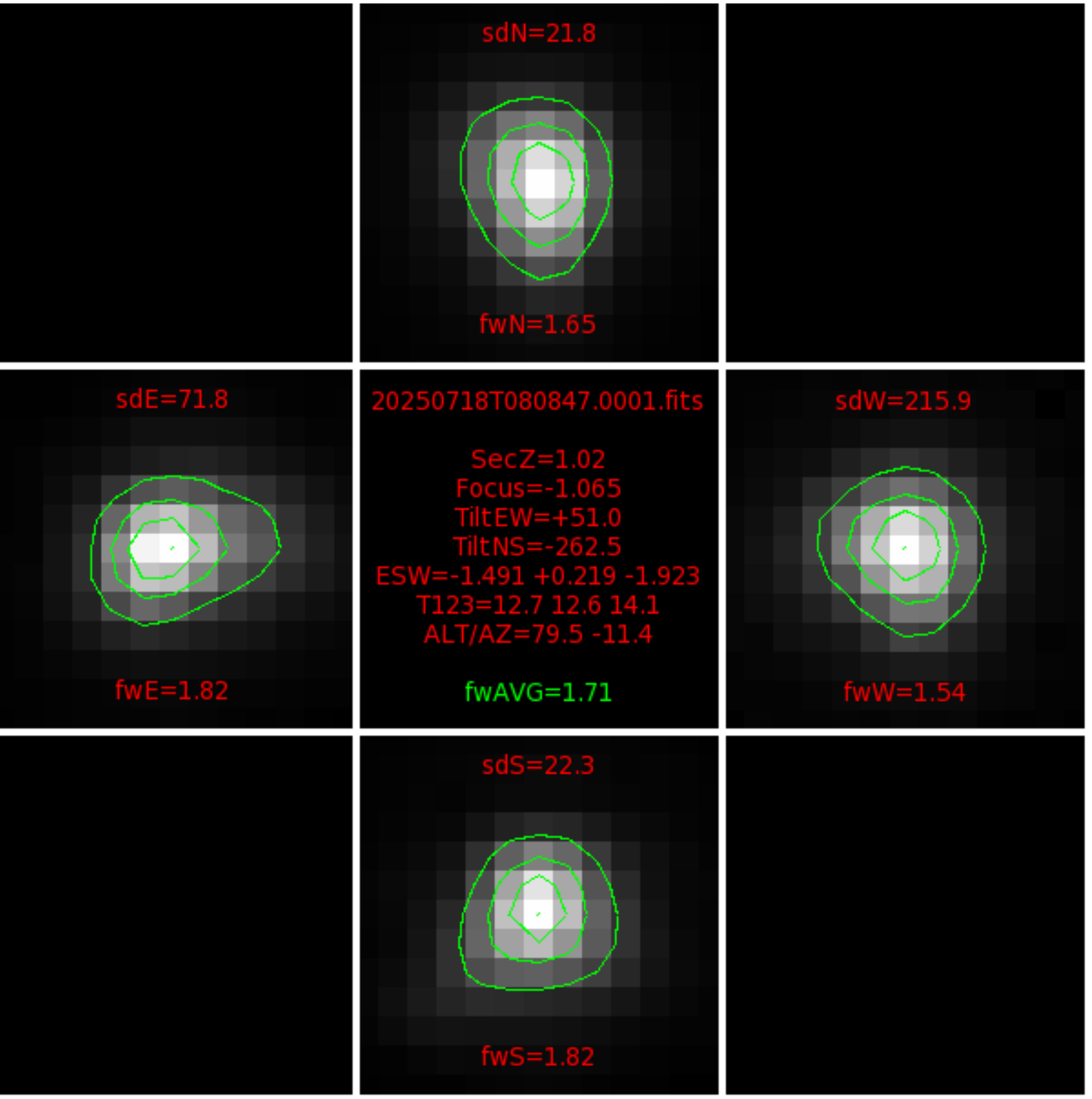
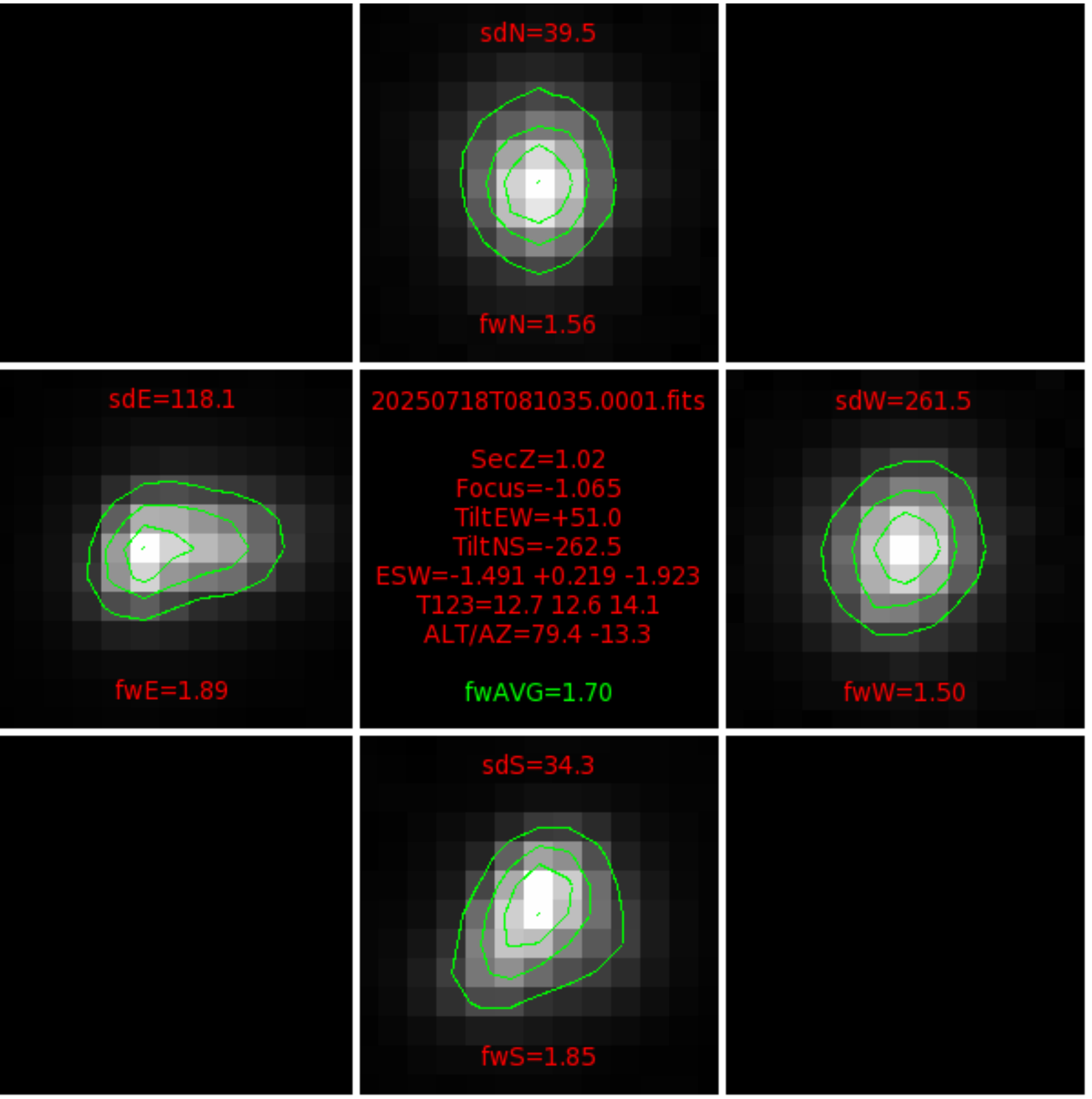

sdN=21.8
fwN=1.65
sdE=71.8
fwE=1.82
20250718T080847.0001.fits
SecZ=1.02
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.7 12.6 14.1
ALT/AZ=79.5 -11.4
fwAVG=1.71
sdW=215.9
fwW=1.54
sdS=22.3
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=39.5
fwN=1.56
sdE=118.1
fwE=1.89
20250718T081035.0001.fits
SecZ=1.02
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.7 12.6 14.1
ALT/AZ=79.4 -13.3
fwAVG=1.70
sdW=261.5
fwW=1.50
sdS=34.3
fwS=1.85
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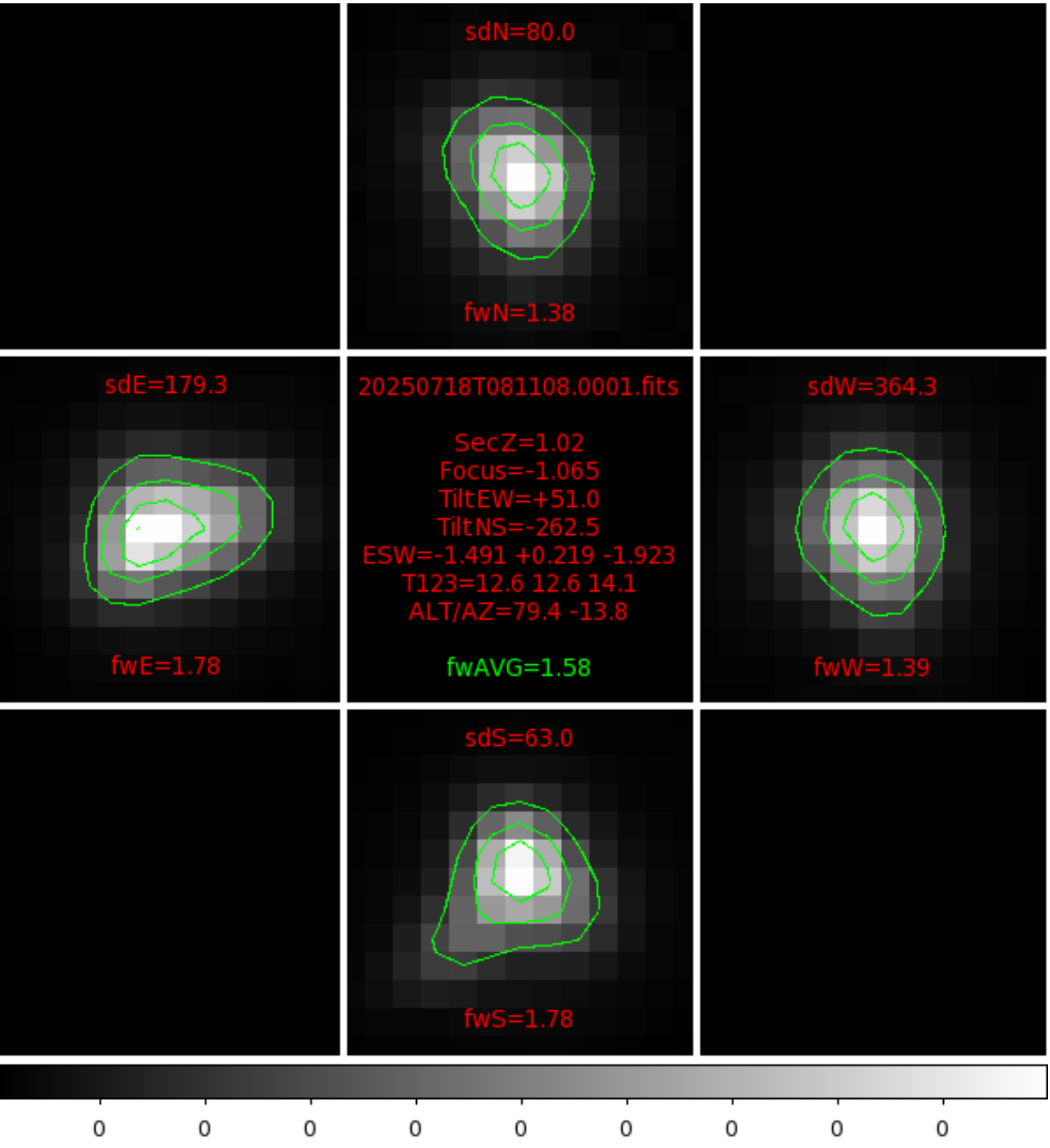
sdN=80.0
fwN=1.38
sdE=179.3
fwE=1.78
20250718T081108.0001.fits
SecZ=1.02
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.6 12.6 14.1
ALT/AZ=79.4 -13.8
fwAVG=1.58
sdW=364.3
fwW=1.39
sdS=63.0
fwS=1.78
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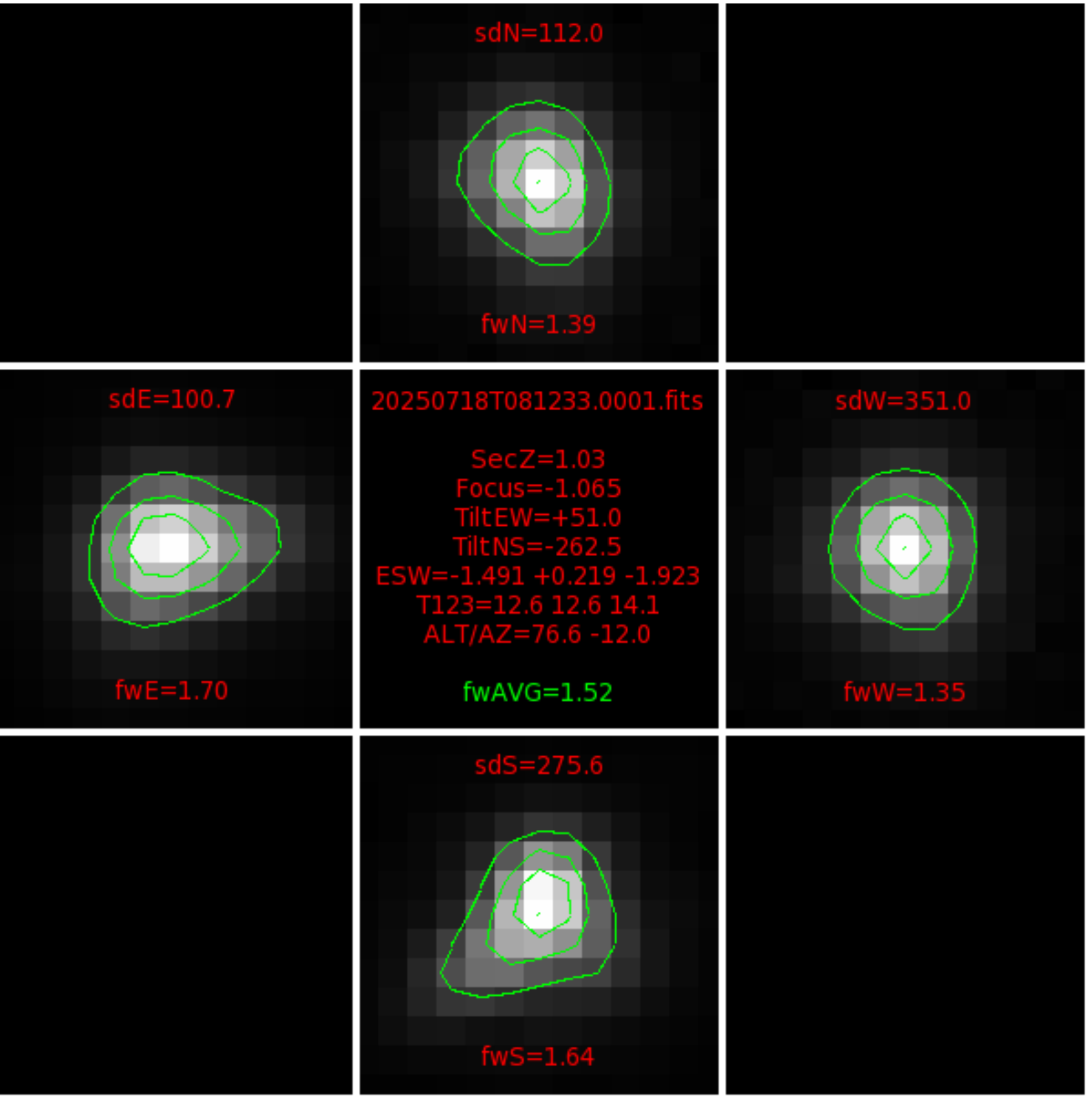
sdN=112.0
fwN=1.39
sdE=100.7
fwE=1.70
20250718T081233.0001.fits
SecZ=1.03
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.6 12.6 14.1
ALT/AZ=76.6 -12.0
fwAVG=1.52
sdW=351.0
fwW=1.35
sdS=275.6
fwS=1.64
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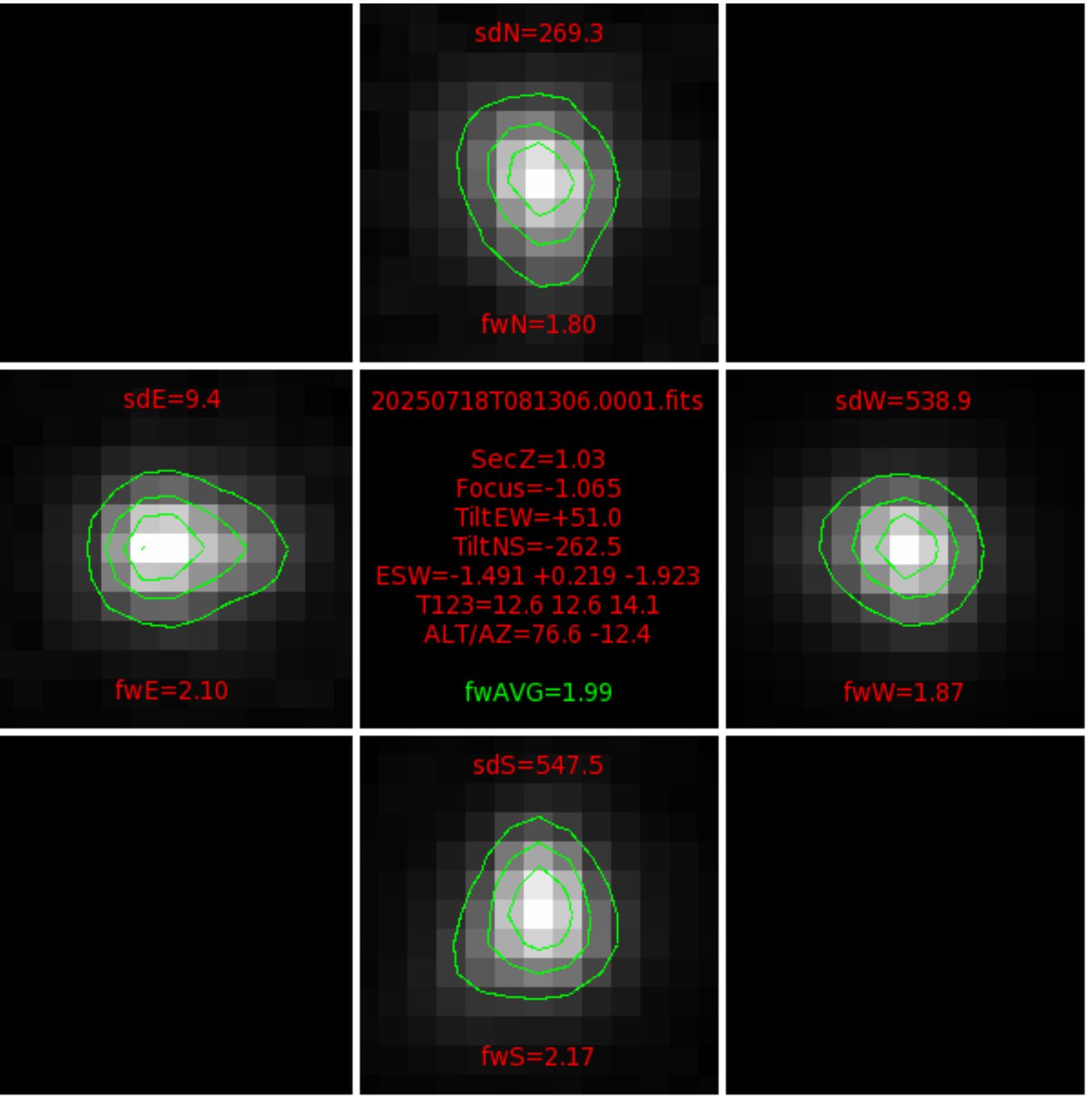
sdN=269.3
fwN=1.80
sdE=9.4
fwE=2.10
20250718T081306.0001.fits
SecZ=1.03
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.6 12.6 14.1
ALT/AZ=76.6 -12.4
fwAVG=1.99
sdW=538.9
fwW=1.87
sdS=547.5
fwS=2.17
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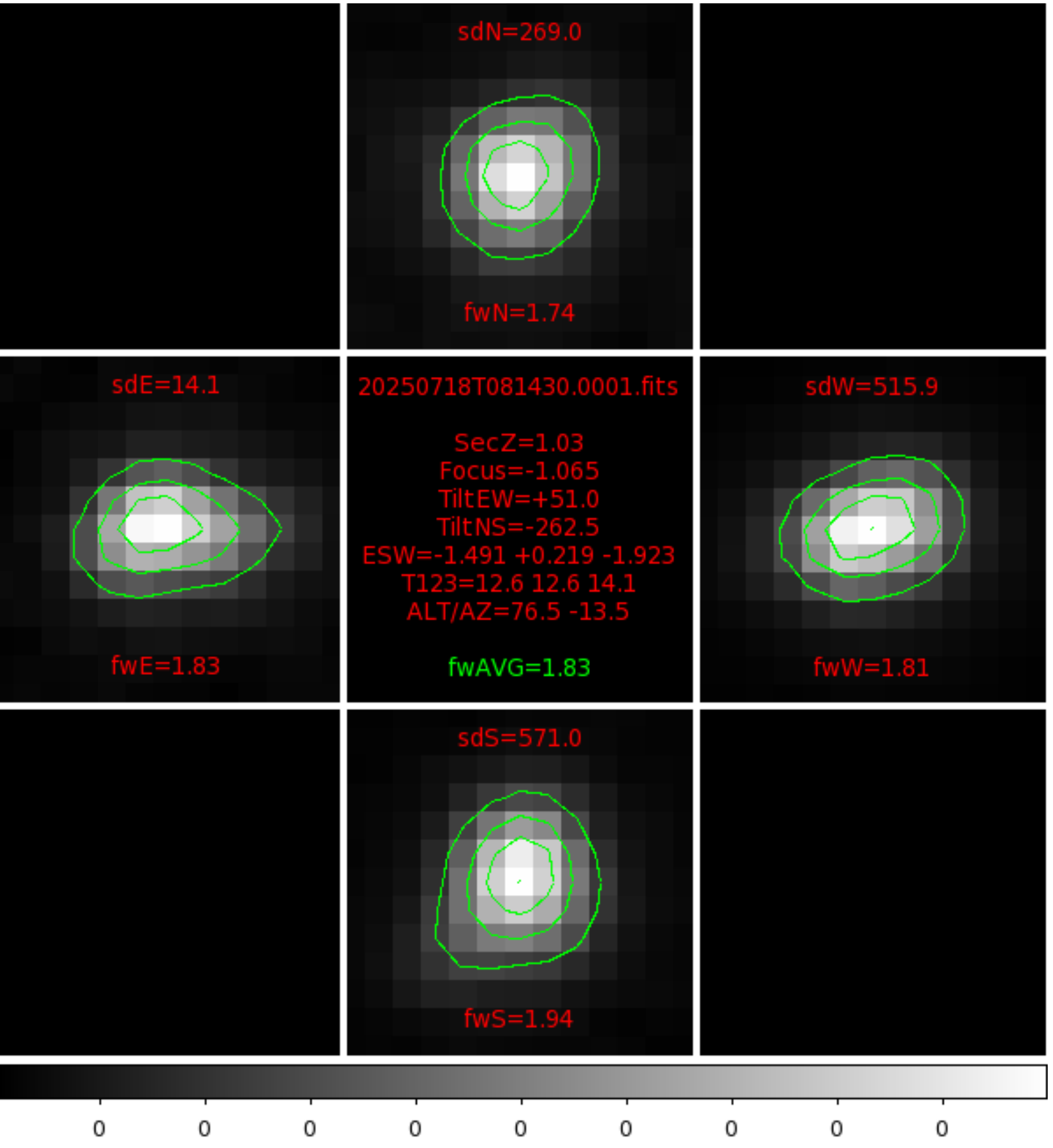
sdN=269.0
fwN=1.74
sdE=14.1
fwE=1.83
20250718T081430.0001.fits
SecZ=1.03
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.6 12.6 14.1
ALT/AZ=76.5 -13.5
fwAVG=1.83
sdW=515.9
fwW=1.81
sdS=571.0
fwS=1.94
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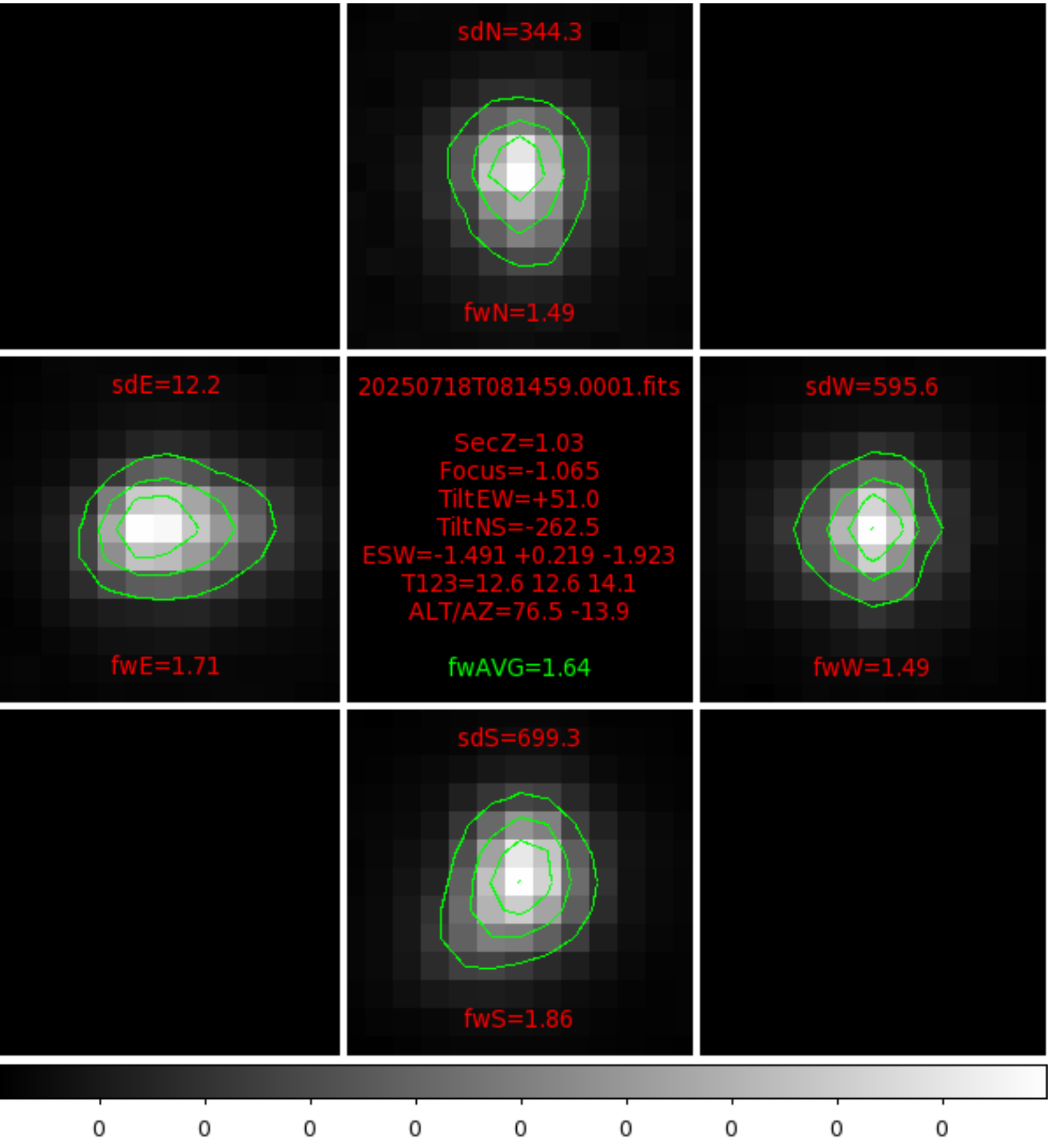
sdN=344.3
fwN=1.49
sdE=12.2
fwE=1.71
20250718T081459.0001.fits
SecZ=1.03
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.6 12.6 14.1
ALT/AZ=76.5 -13.9
fwAVG=1.64
sdW=595.6
fwW=1.49
sdS=699.3
fwS=1.86
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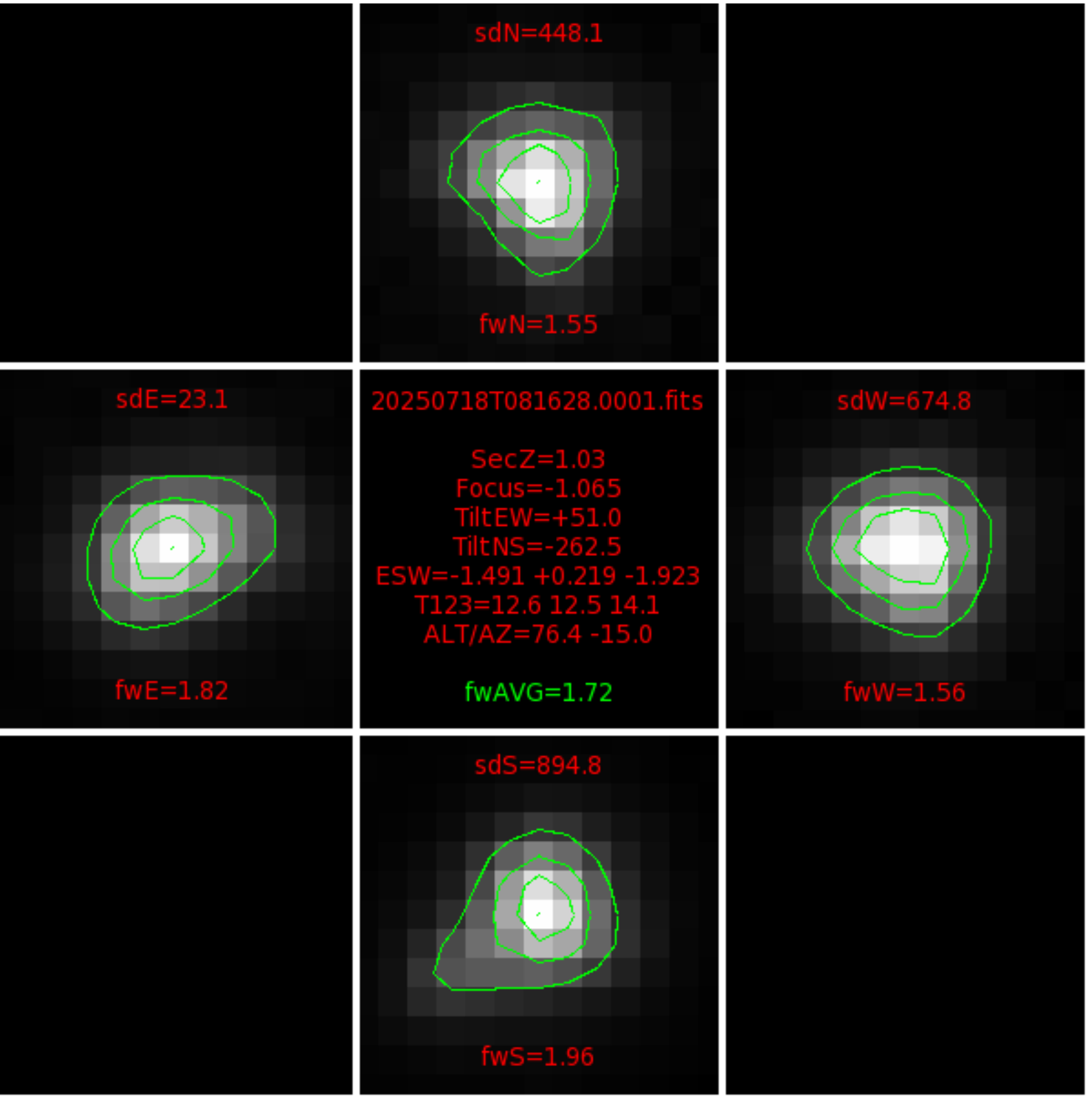
sdN=448.1
fwN=1.55
sdE=23.1
fwE=1.82
20250718T081628.0001.fits
SecZ=1.03
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.6 12.5 14.1
ALT/AZ=76.4 -15.0
fwAVG=1.72
sdW=674.8
fwW=1.56
sdS=894.8
fwS=1.96
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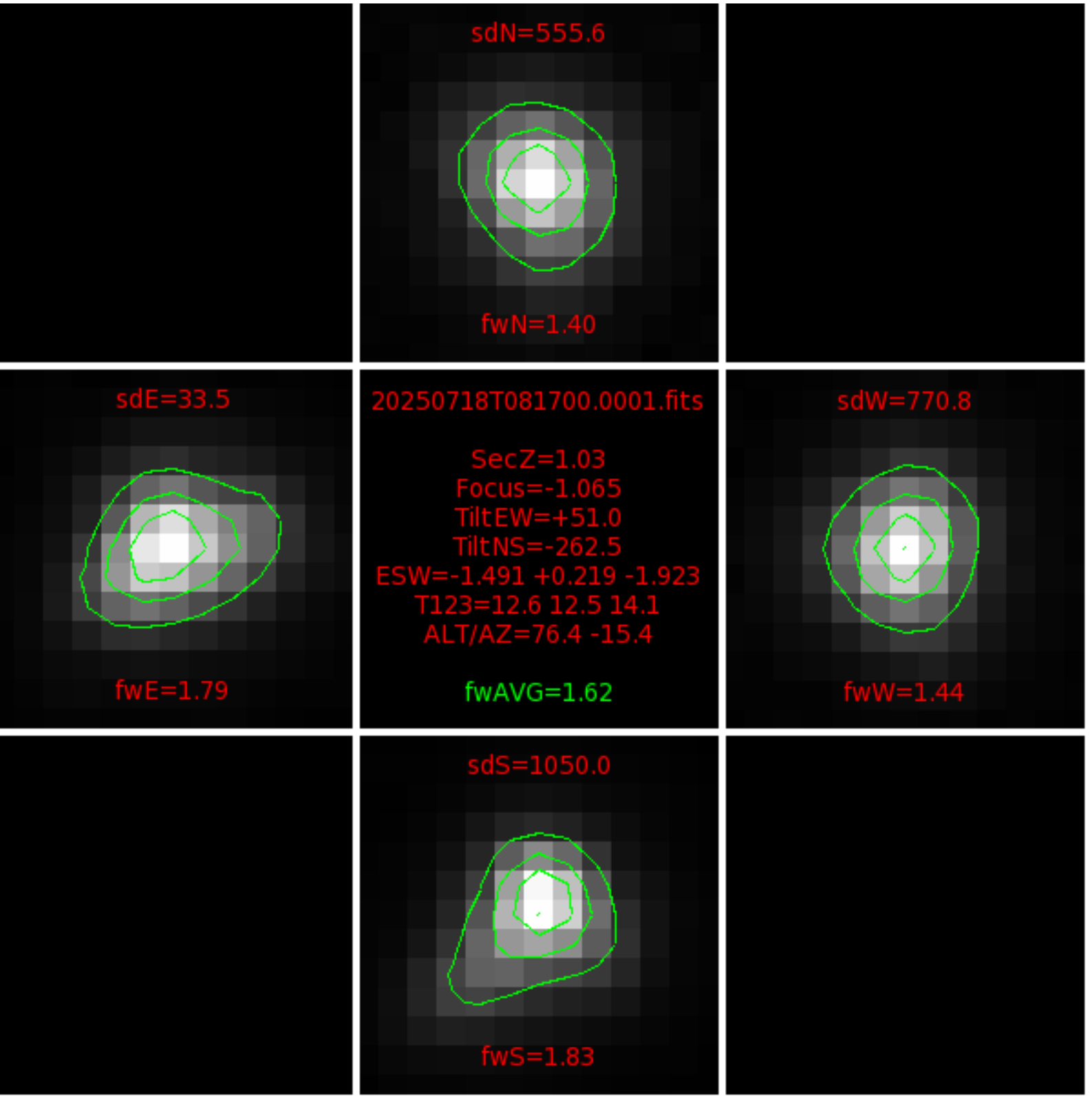
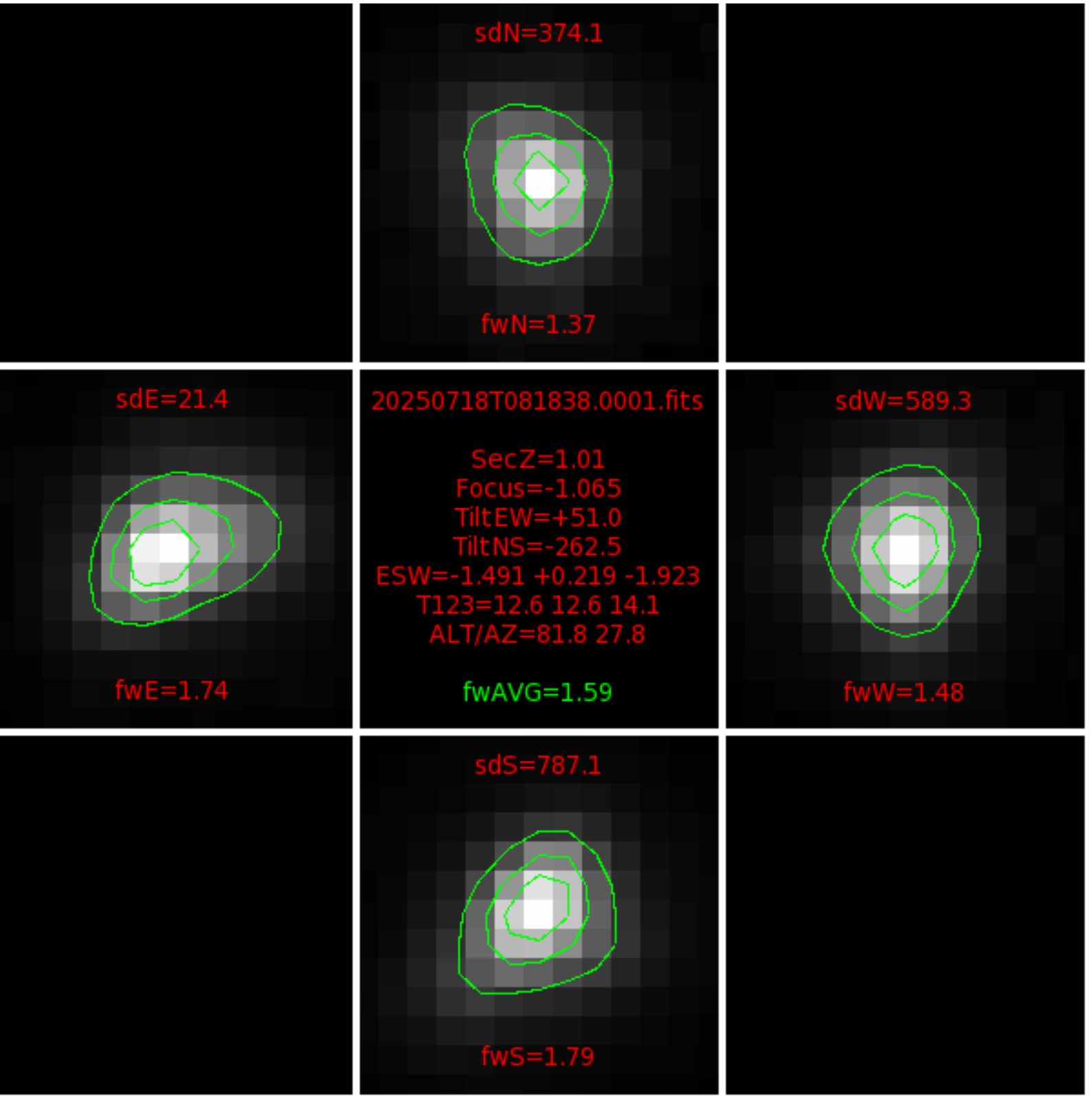
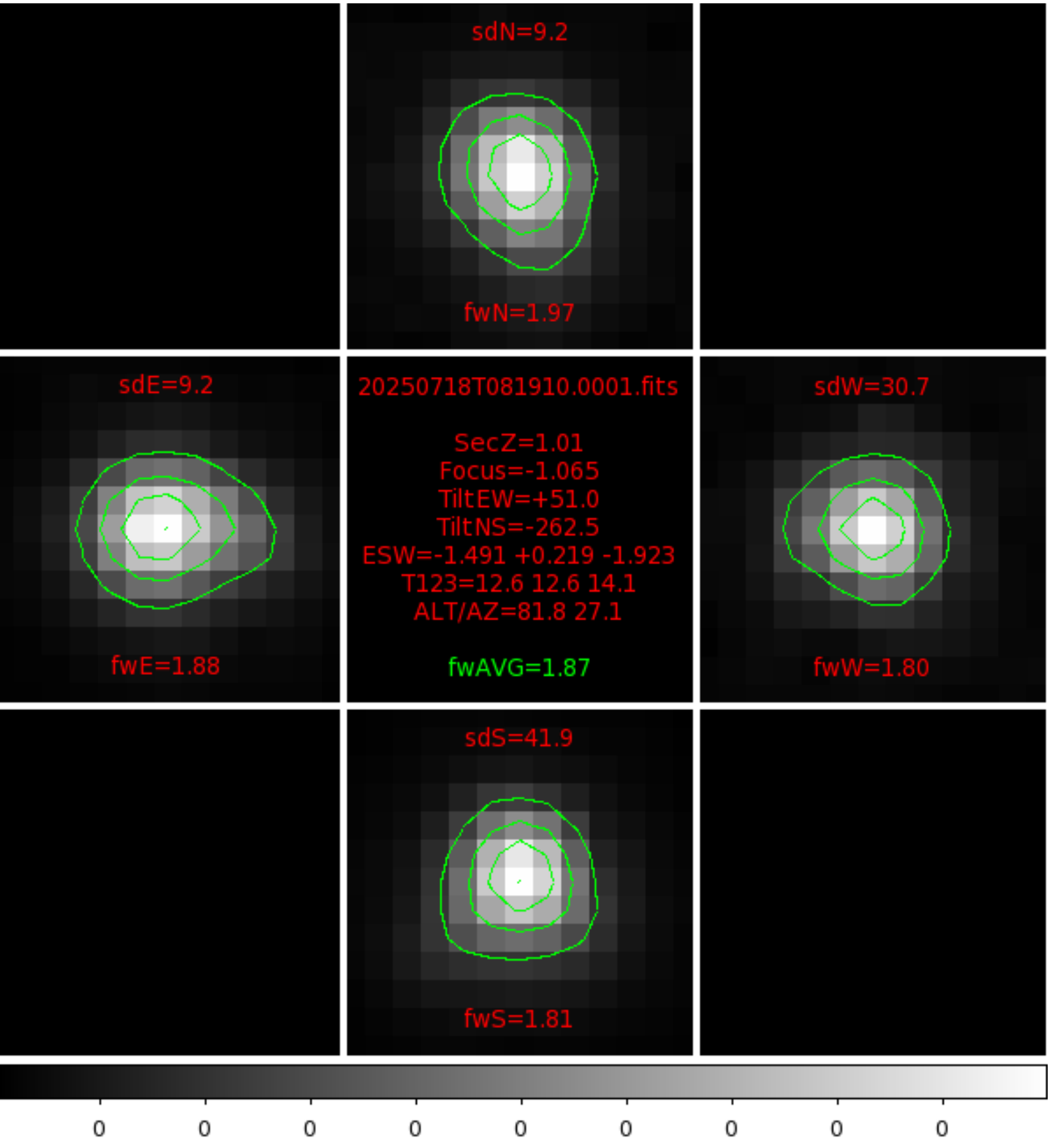
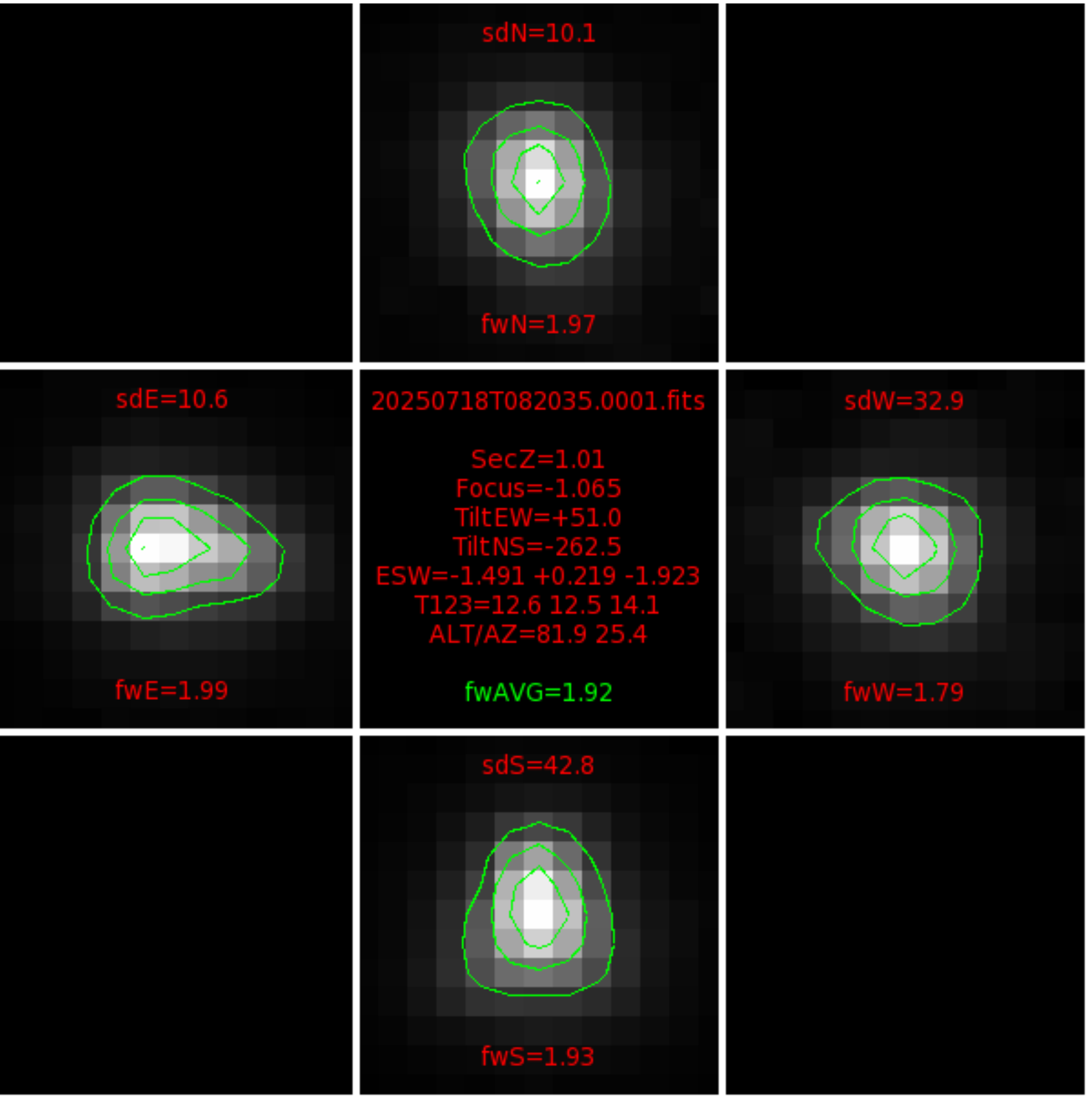

sdN=555.6
fwN=1.40
sdE=33.5
fwE=1.79
20250718T081700.0001.fits
SecZ=1.03
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.6 12.5 14.1
ALT/AZ=76.4 -15.4
fwAVG=1.62
sdW=770.8
fwW=1.44
sdS=1050.0
fwS=1.83
0 0 0 0 0 0 0 0 0


sdN=374.1
fwN=1.37
sdE=21.4
fwE=1.74
20250718T081838.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.6 12.6 14.1
ALT/AZ=81.8 27.8
fwAVG=1.59
sdW=589.3
fwW=1.48
sdS=787.1
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=9.2
fwN=1.97
sdE=9.2
fwE=1.88
20250718T081910.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.6 12.6 14.1
ALT/AZ=81.8 27.1
fwAVG=1.87
sdW=30.7
fwW=1.80
sdS=41.9
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=10.1
fwN=1.97
sdE=10.6
fwE=1.99
20250718T082035.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.6 12.5 14.1
ALT/AZ=81.9 25.4
fwAVG=1.92
sdW=32.9
fwW=1.79
sdS=42.8
fwS=1.93
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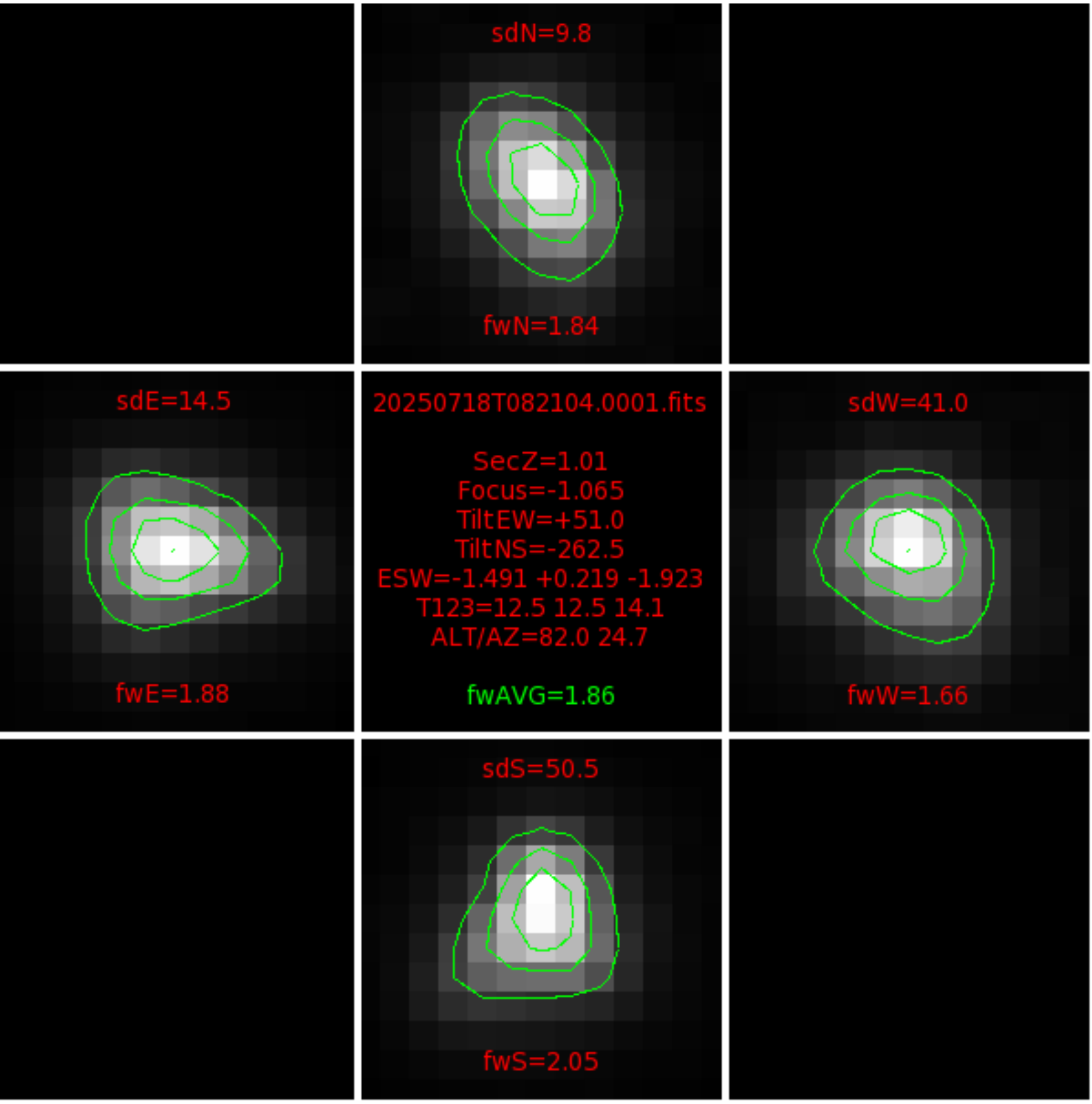
sdN=9.8
fwN=1.84
sdE=14.5
20250718T082104.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.5 12.5 14.1
ALT/AZ=82.0 24.7
fwAVG=1.86
sdW=41.0
fwE=1.88
fwW=1.66
sdS=50.5
fwS=2.05
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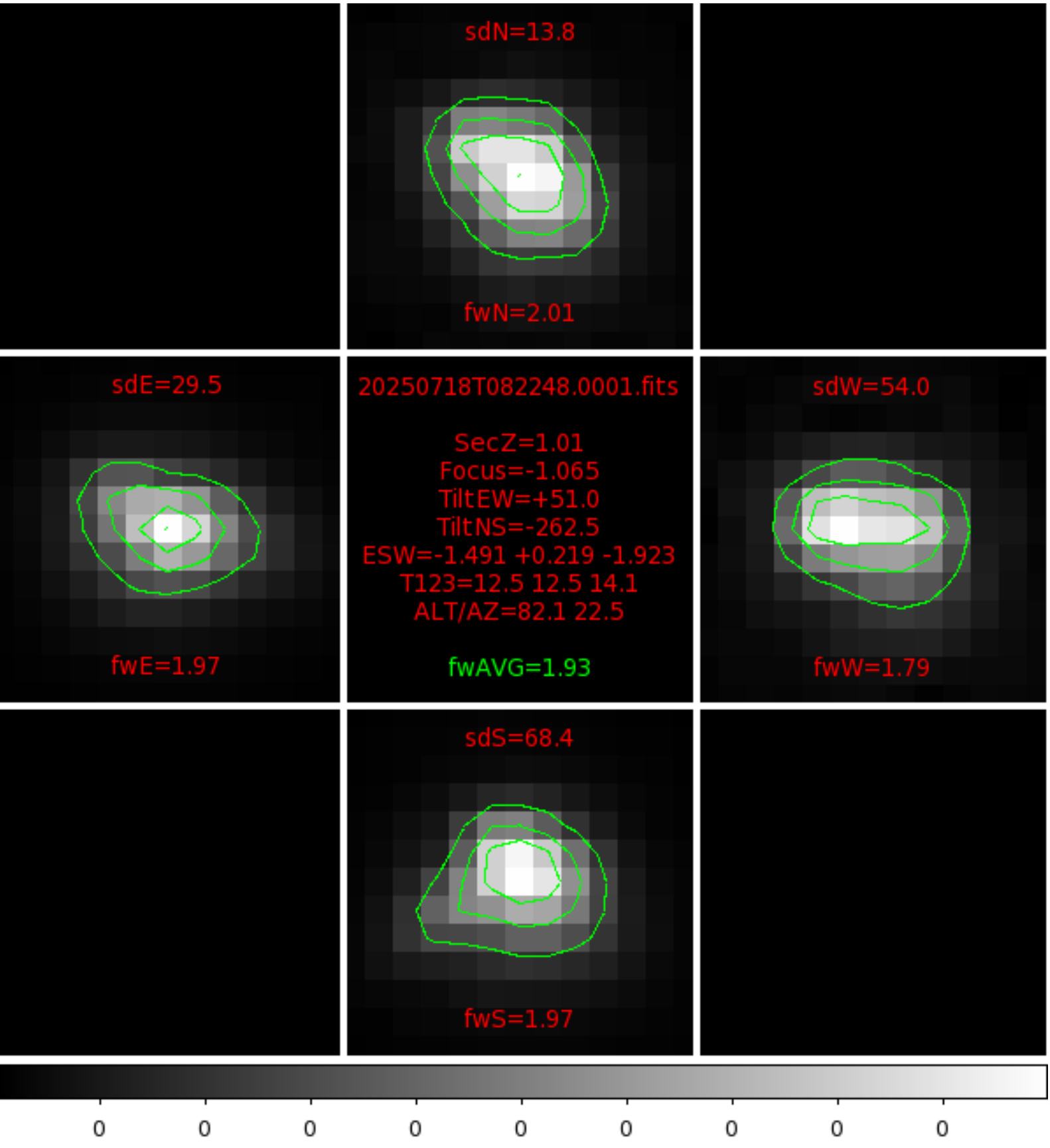
sdN=13.8
fwN=2.01
sdE=29.5
fwE=1.97
20250718T082248.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.5 12.5 14.1
ALT/AZ=82.1 22.5
fwAVG=1.93
sdW=54.0
fwW=1.79
sdS=68.4
fwS=1.97
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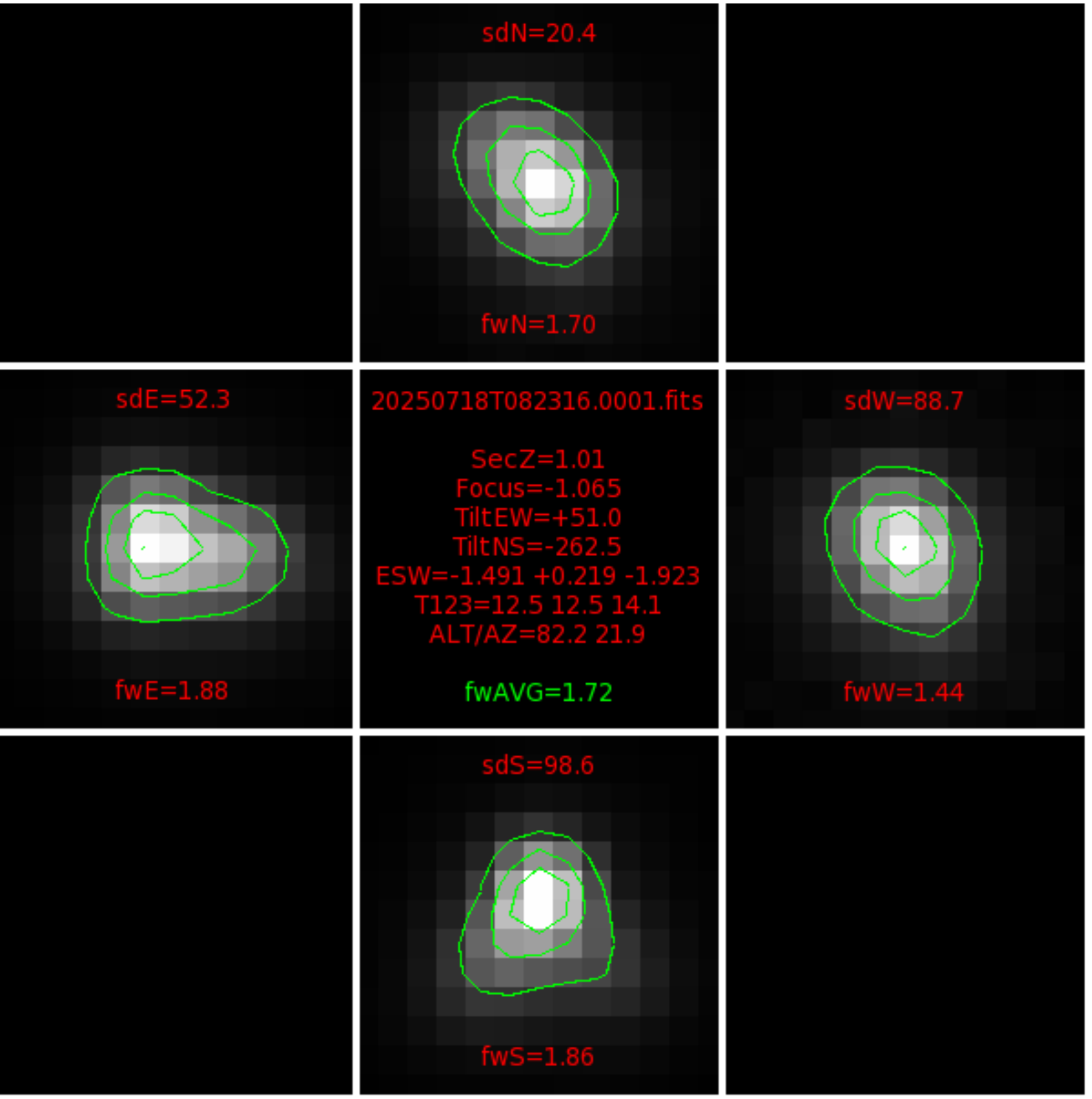
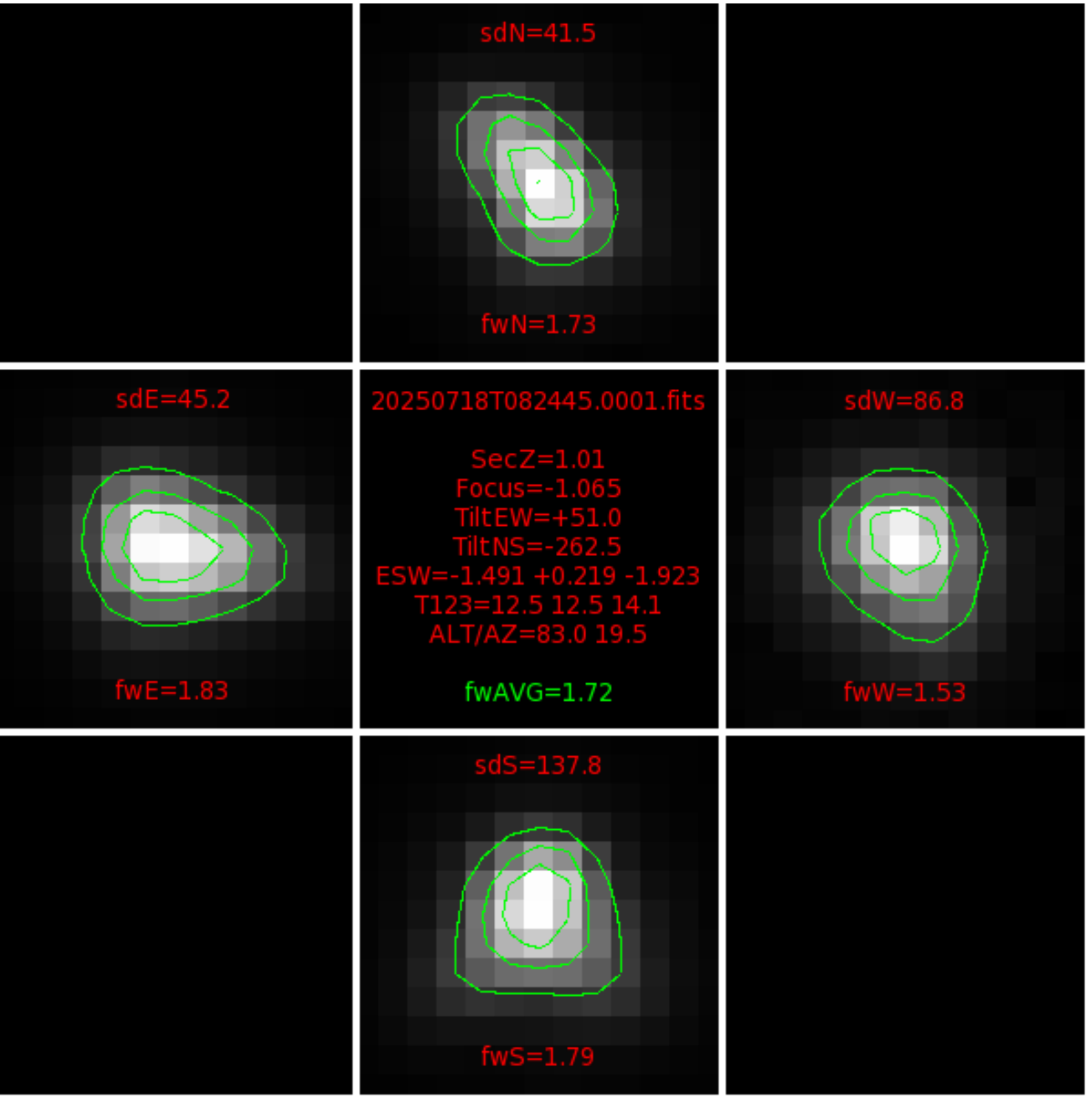

sdN=20.4
fwN=1.70
sdE=52.3
fwE=1.88
20250718T082316.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.5 12.5 14.1
ALT/AZ=82.2 21.9
fwAVG=1.72
sdW=88.7
fwW=1.44
sdS=98.6
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=41.5
fwN=1.73
sdE=45.2
fwE=1.83
20250718T082445.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.5 12.5 14.1
ALT/AZ=83.0 19.5
fwAVG=1.72
sdW=86.8
fwW=1.53
sdS=137.8
fwS=1.79
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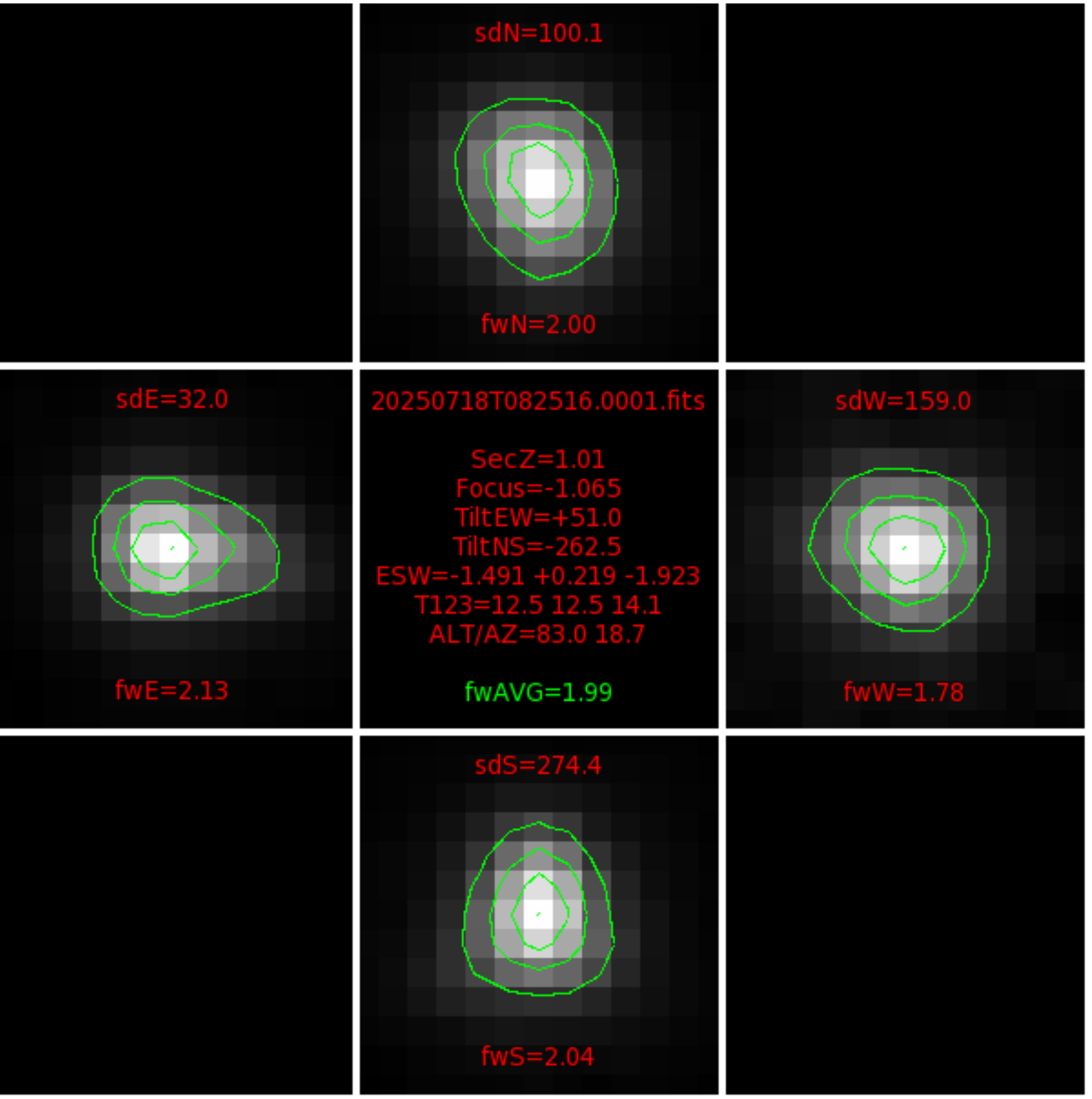
sdN=100.1
fwN=2.00
sdE=32.0
fwE=2.13
20250718T082516.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.5 12.5 14.1
ALT/AZ=83.0 18.7
fwAVG=1.99
sdW=159.0
fwW=1.78
sdS=274.4
fwS=2.04
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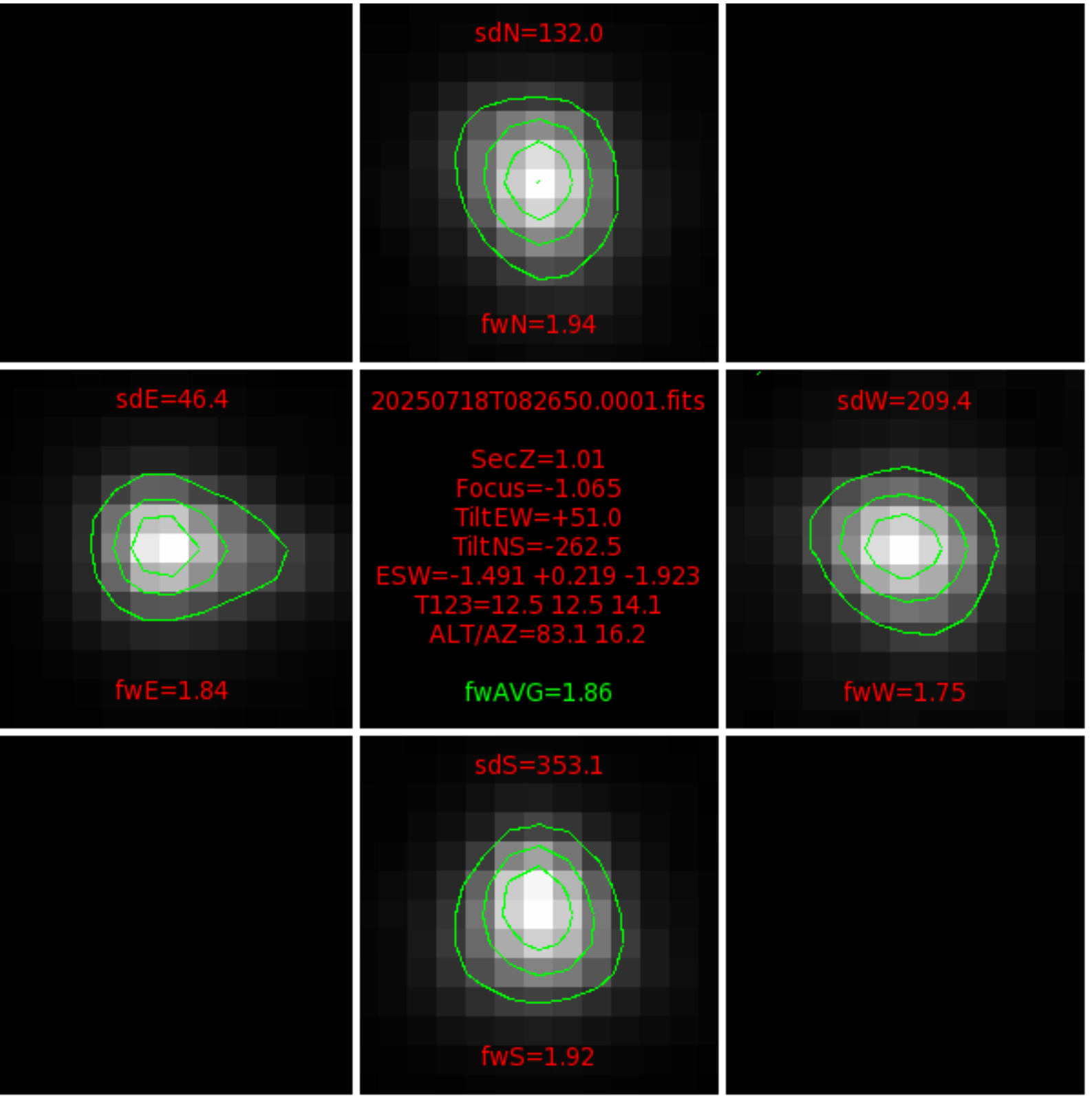
sdN=132.0
fwN=1.94
sdE=46.4
fwE=1.84
20250718T082650.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.5 12.5 14.1
ALT/AZ=83.1 16.2
fwAVG=1.86
sdW=209.4
fwW=1.75
sdS=353.1
fwS=1.92
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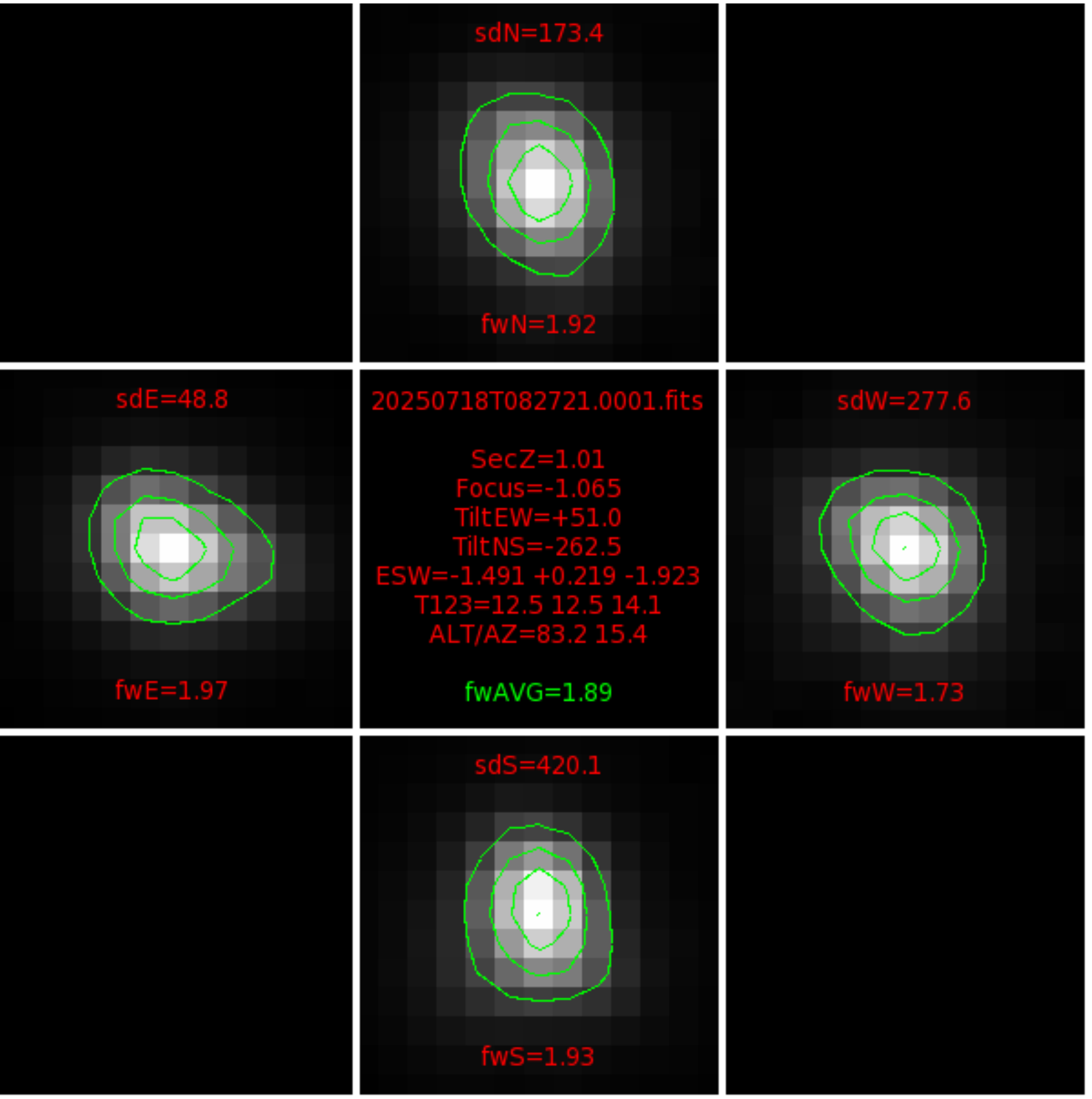
sdN=173.4
fwN=1.92
sdE=48.8
fwE=1.97
20250718T082721.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.5 12.5 14.1
ALT/AZ=83.2 15.4
fwAVG=1.89
sdW=277.6
fwW=1.73
sdS=420.1
fwS=1.93
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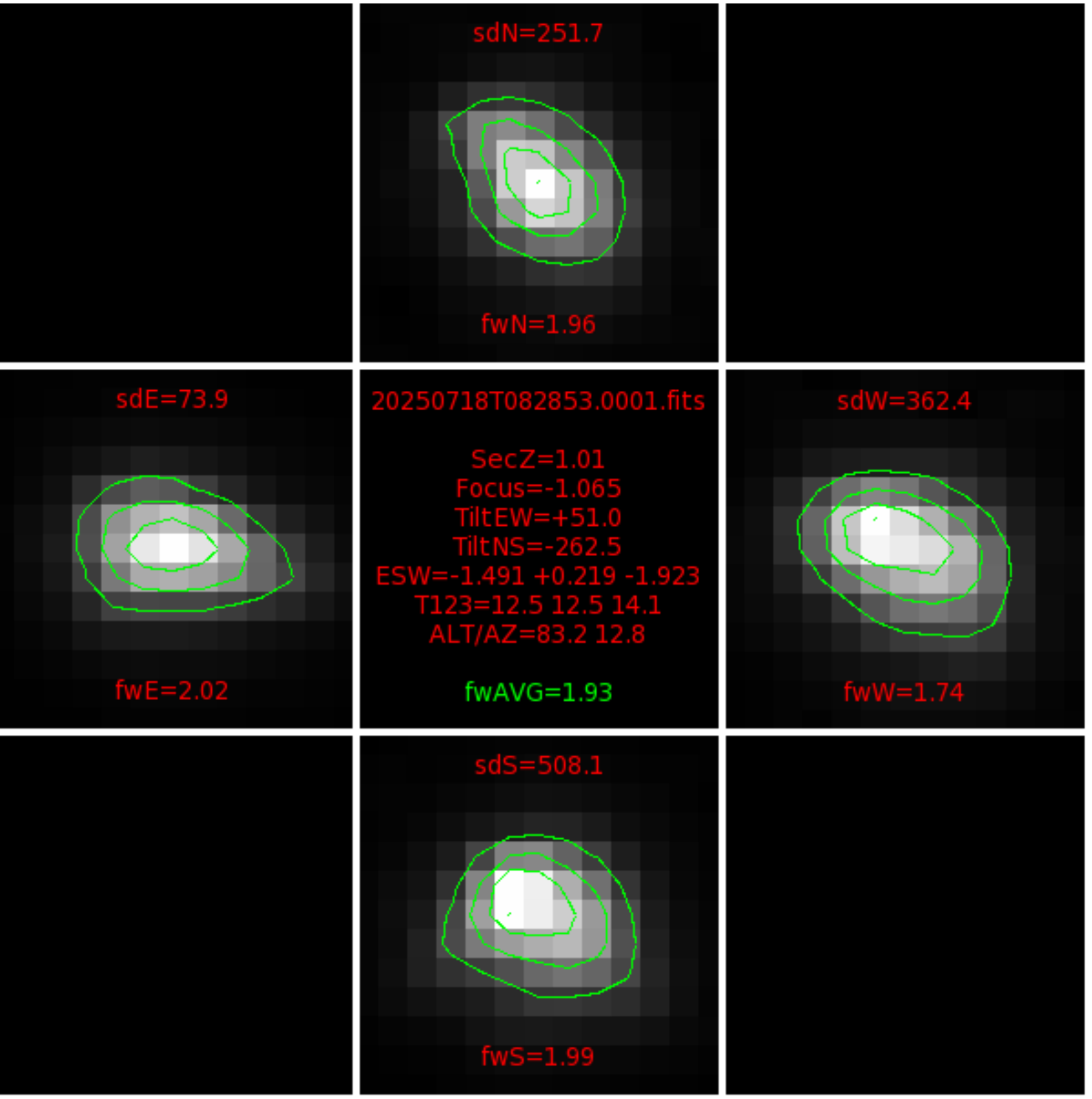
sdN=251.7
fwN=1.96
sdE=73.9
fwE=2.02
20250718T082853.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.5 12.5 14.1
ALT/AZ=83.2 12.8
fwAVG=1.93
sdW=362.4
fwW=1.74
sdS=508.1
fwS=1.99
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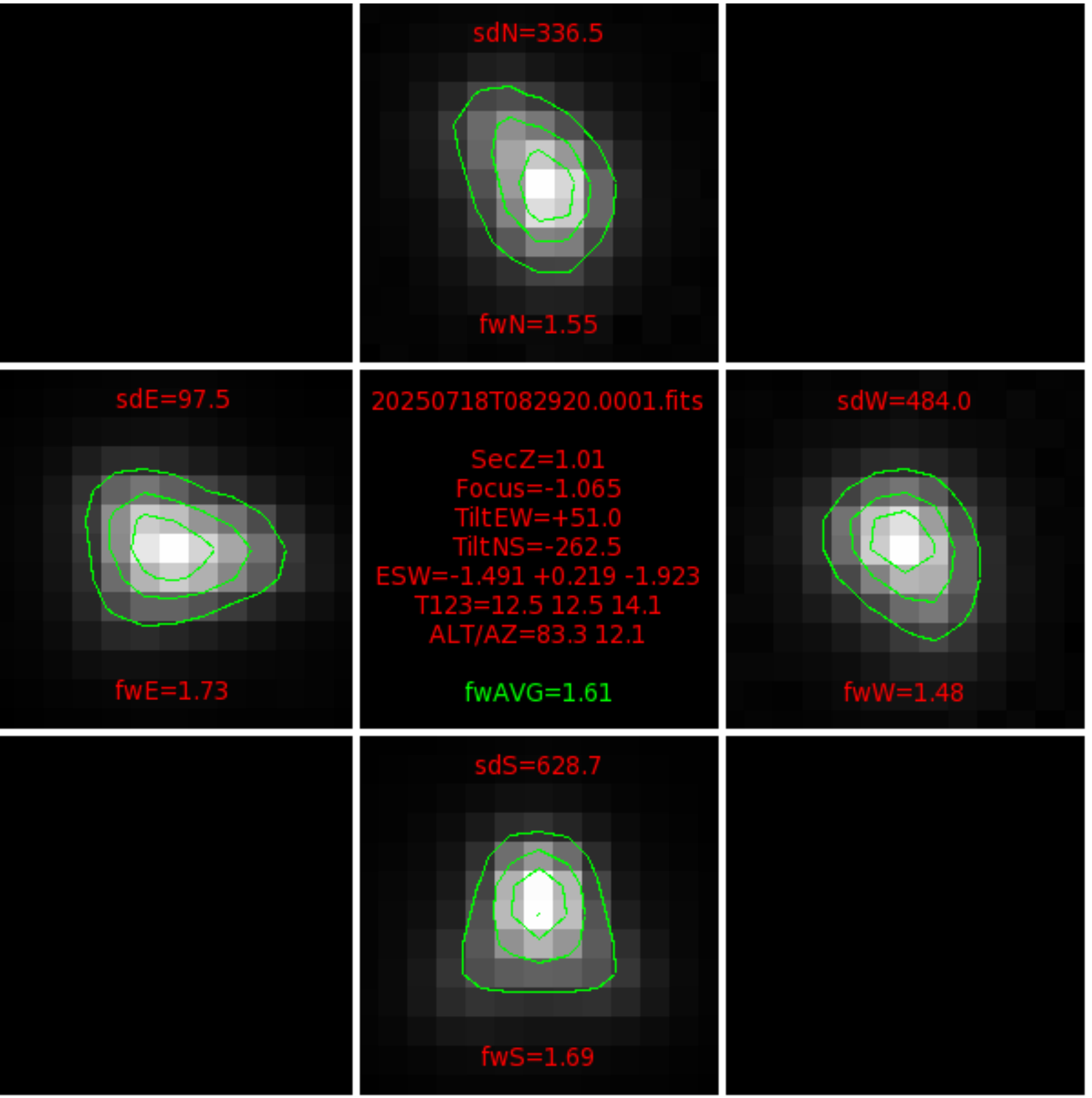
sdN=336.5
fwN=1.55
sdE=97.5
fwE=1.73
20250718T082920.0001.fits
SecZ=1.01
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.5 12.5 14.1
ALT/AZ=83.3 12.1
fwAVG=1.61
sdW=484.0
fwW=1.48
sdS=628.7
fwS=1.69
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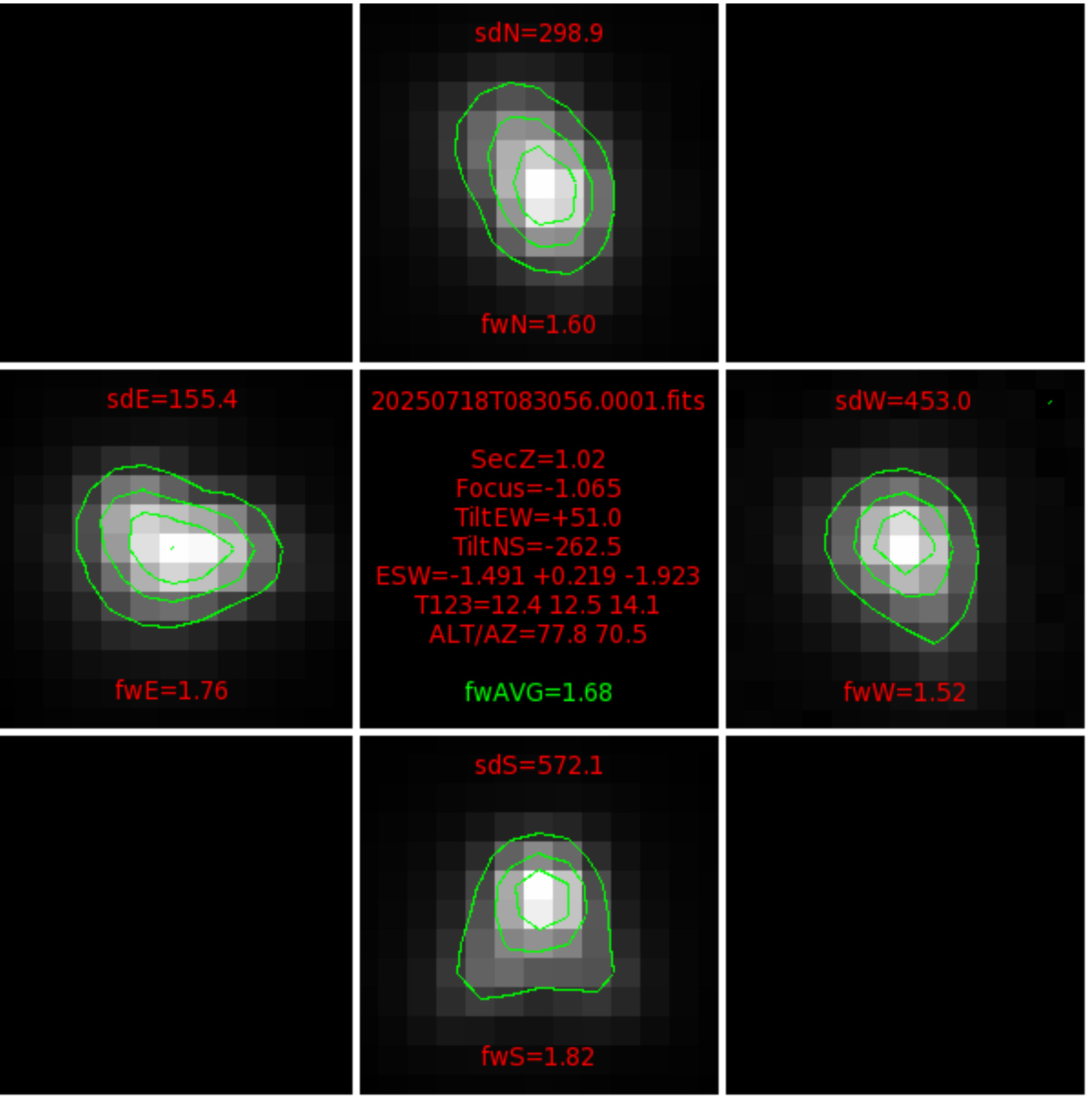
sdN=298.9
fwN=1.60
sdE=155.4
fwE=1.76
20250718T083056.0001.fits
SecZ=1.02
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.5 14.1
ALT/AZ=77.8 70.5
fwAVG=1.68
sdW=453.0
fwW=1.52
sdS=572.1
fwS=1.82
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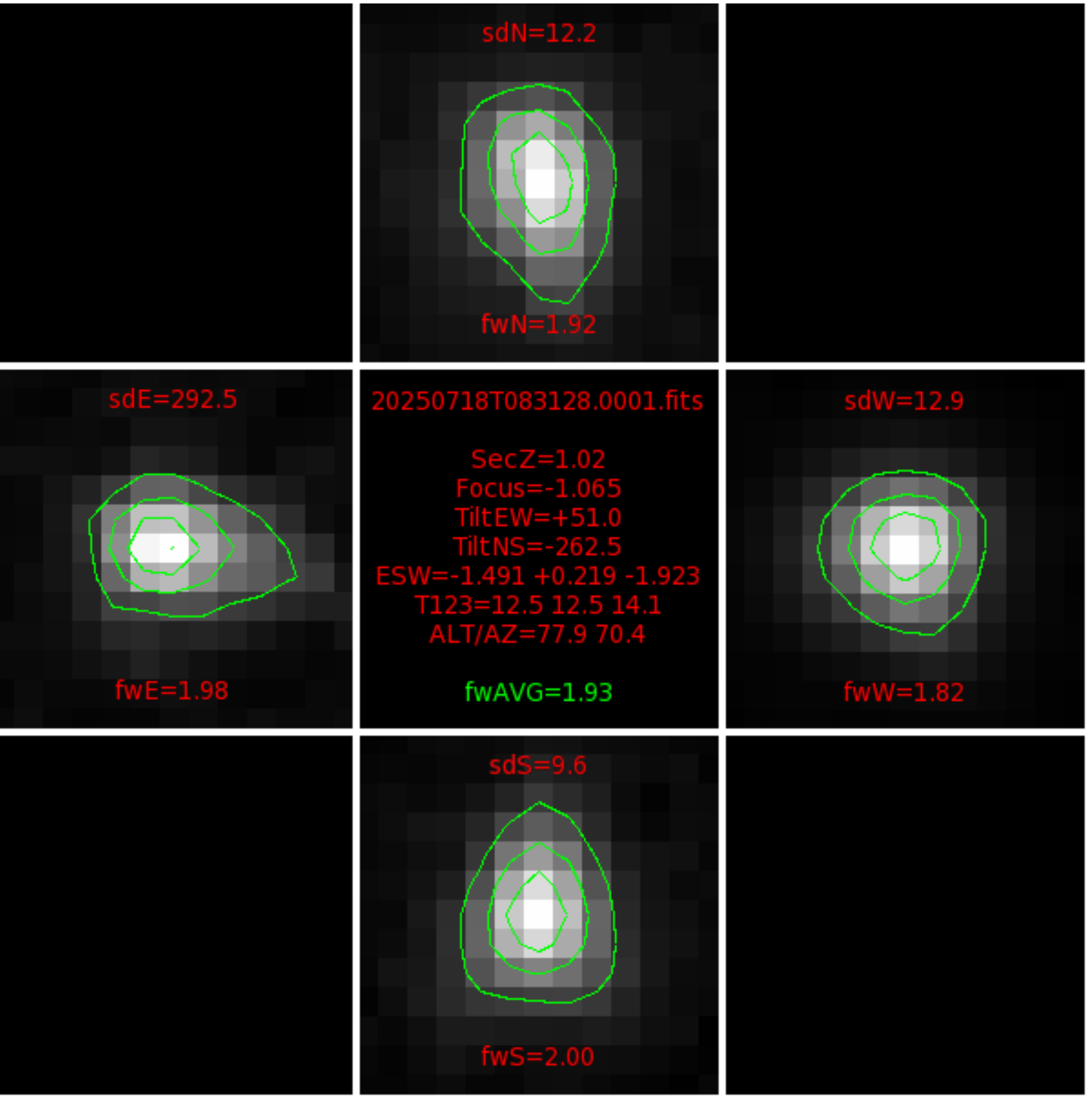
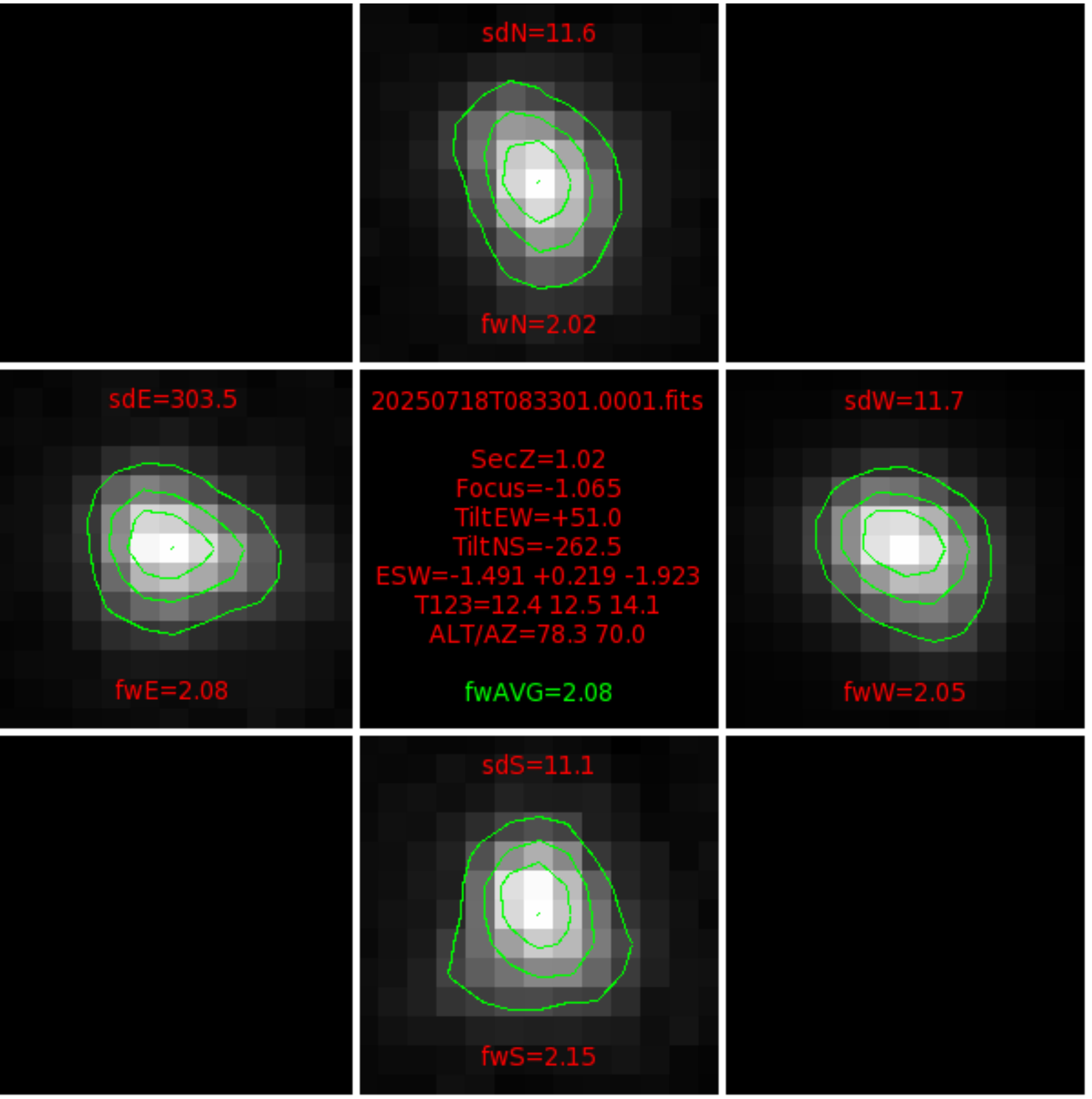

sdN=12.2
fwN=1.92
sdE=292.5
fwE=1.98
20250718T083128.0001.fits
SecZ=1.02
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.5 12.5 14.1
ALT/AZ=77.9 70.4
fwAVG=1.93
sdW=12.9
fwW=1.82
sdS=9.6
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=11.6
fwN=2.02
sdE=303.5
fwE=2.08
20250718T083301.0001.fits
SecZ=1.02
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.5 14.1
ALT/AZ=78.3 70.0
fwAVG=2.08
sdW=11.7
fwW=2.05
sdS=11.1
fwS=2.15
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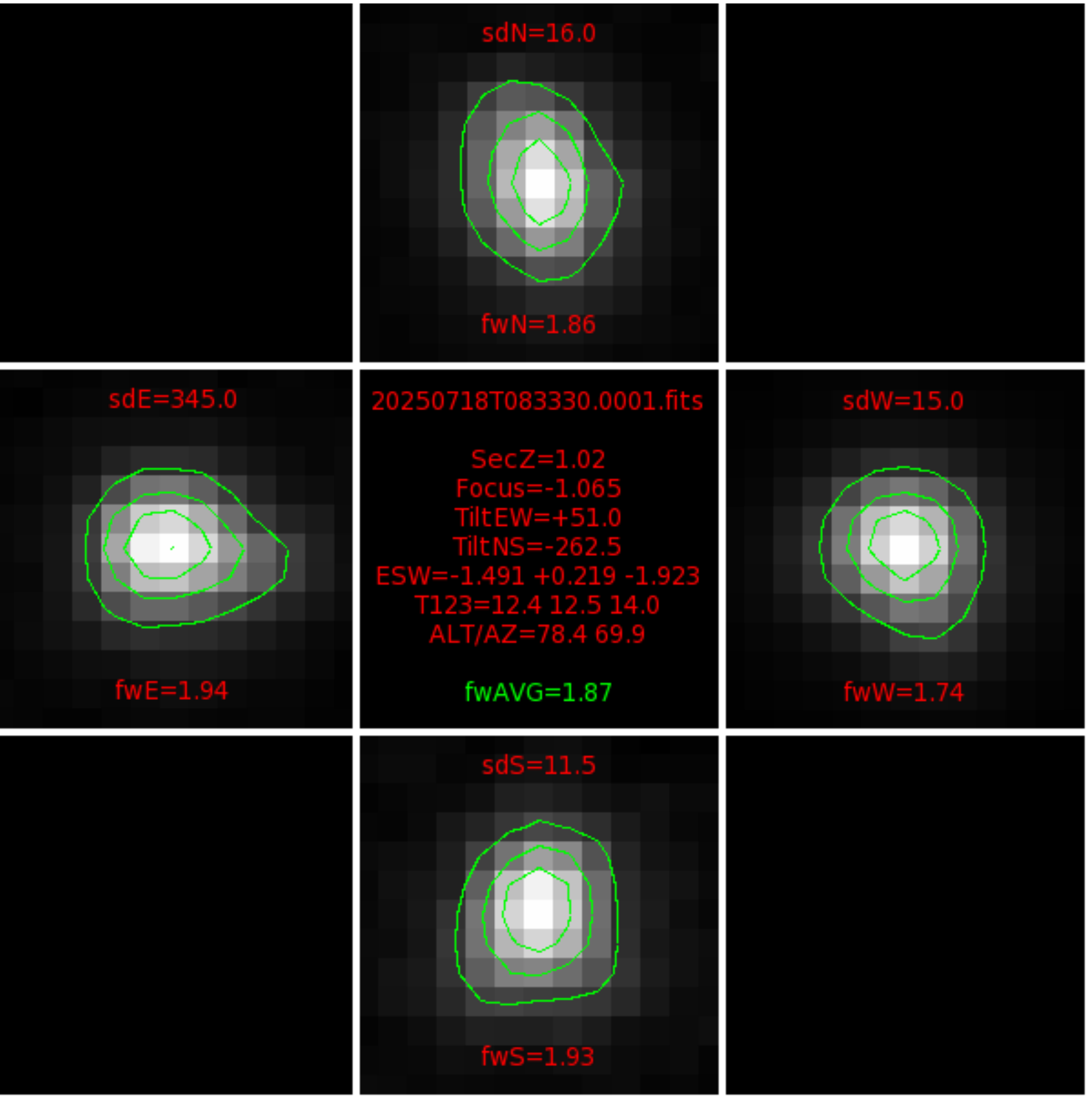
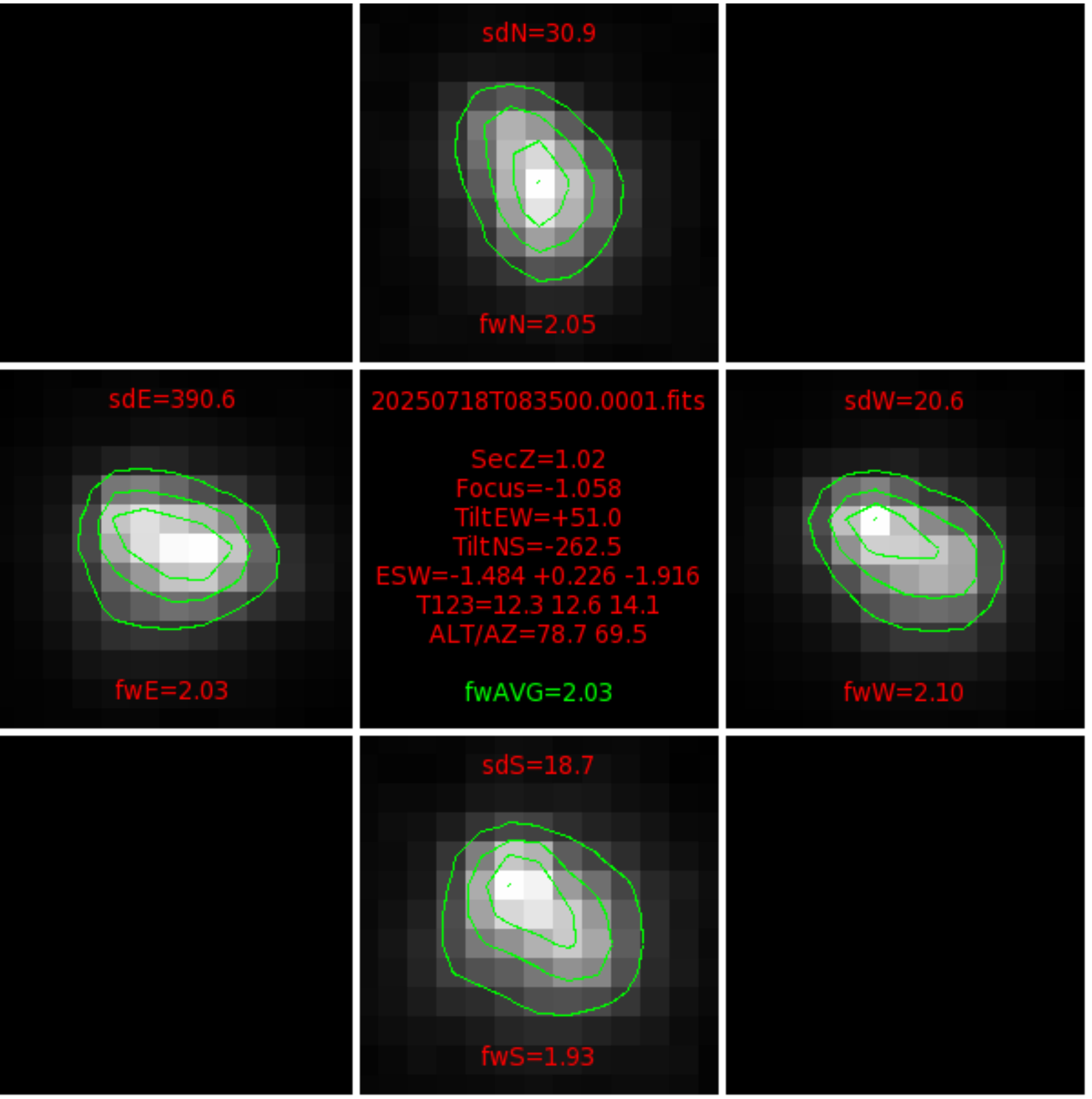
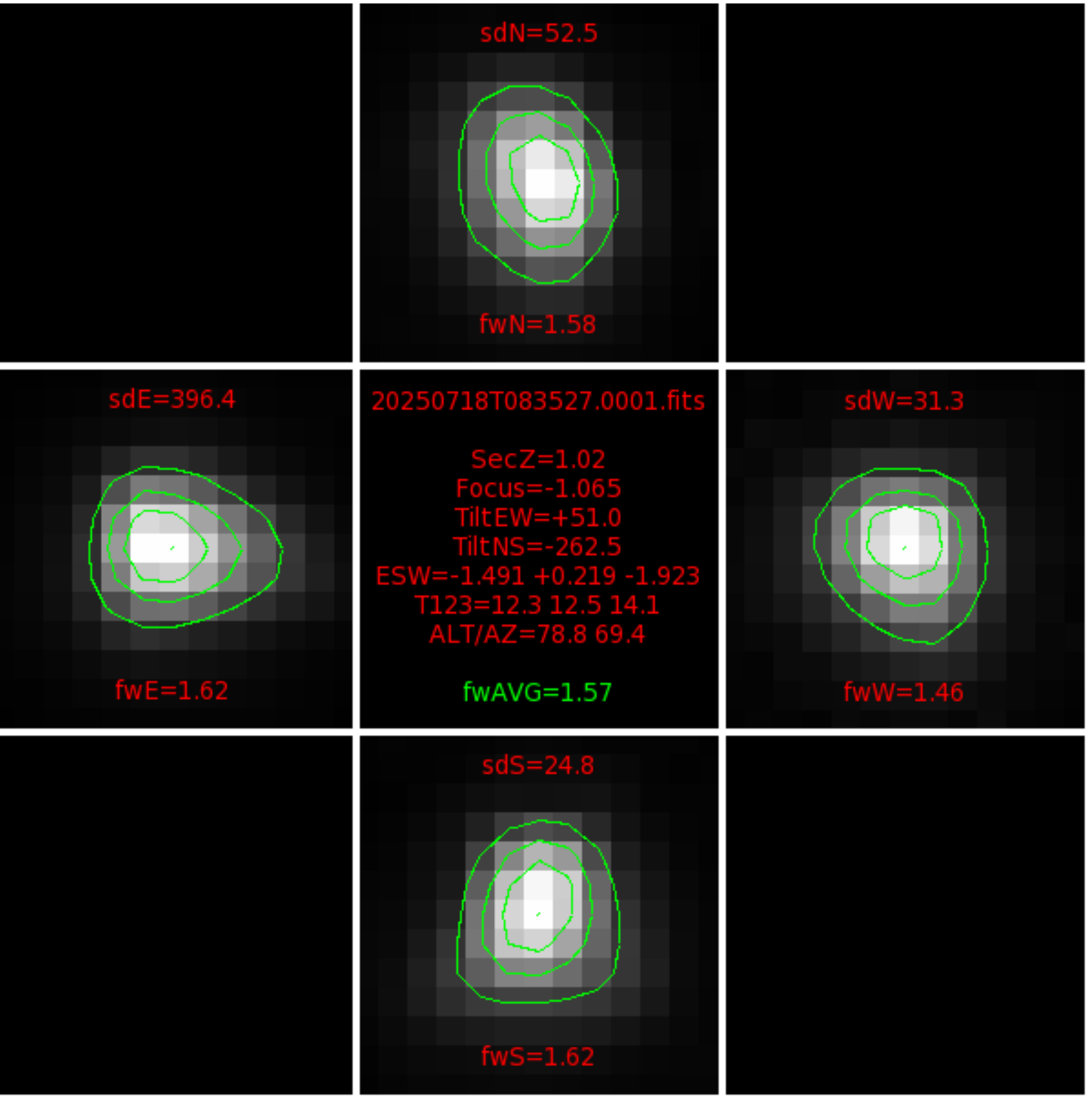

sdN=16.0
fwN=1.86
sdE=345.0
fwE=1.94
20250718T083330.0001.fits
SecZ=1.02
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.5 14.0
ALT/AZ=78.4 69.9
fwAVG=1.87
sdW=15.0
fwW=1.74
sdS=11.5
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=30.9
fwN=2.05
sdE=390.6
fwE=2.03
20250718T083500.0001.fits
SecZ=1.02
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.6 14.1
ALT/AZ=78.7 69.5
fwAVG=2.03
sdW=20.6
fwW=2.10
sdS=18.7
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=52.5
fwN=1.58
sdE=396.4
fwE=1.62
20250718T083527.0001.fits
SecZ=1.02
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.5 14.1
ALT/AZ=78.8 69.4
fwAVG=1.57
sdW=31.3
fwW=1.46
sdS=24.8
fwS=1.62
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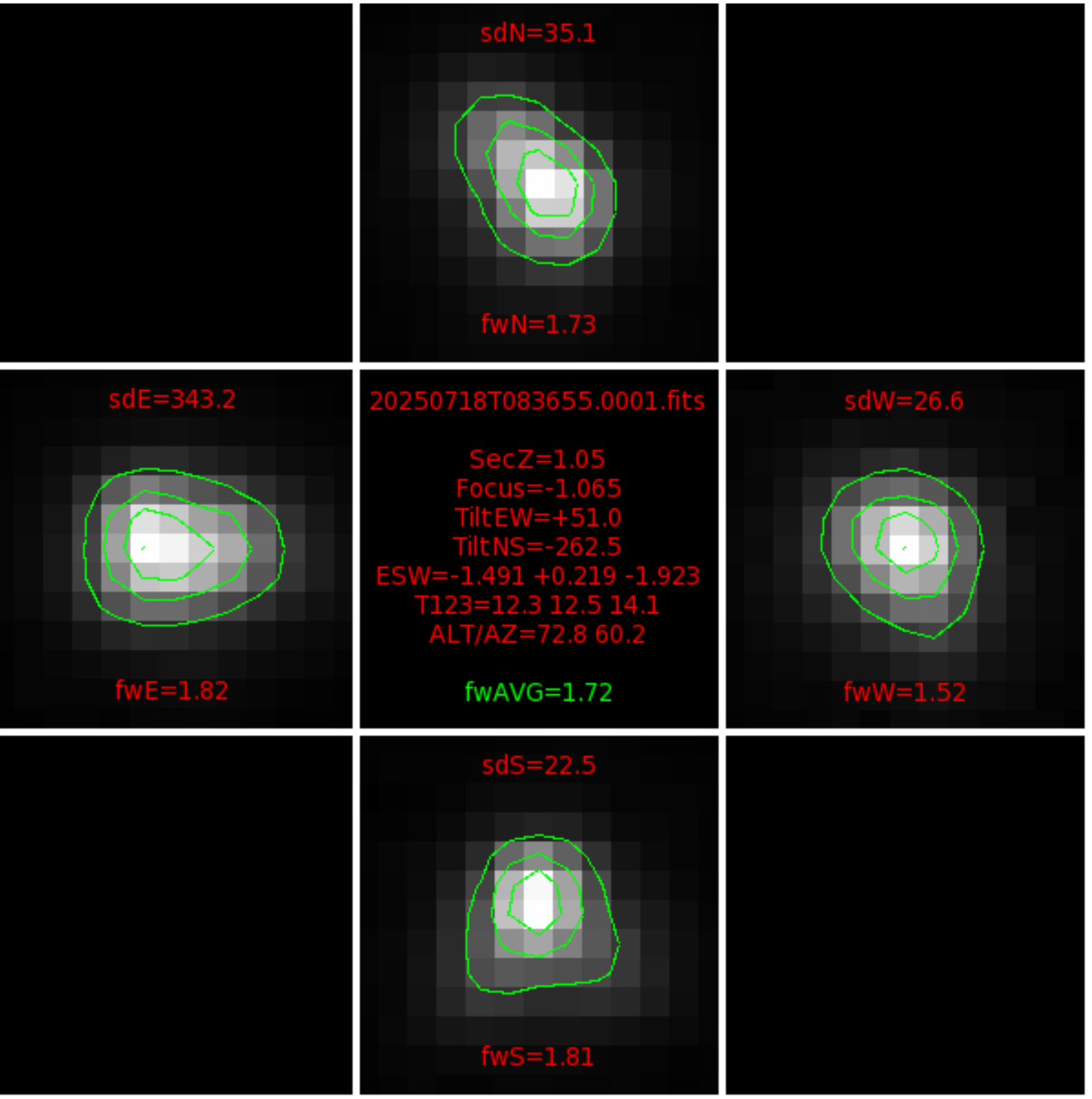
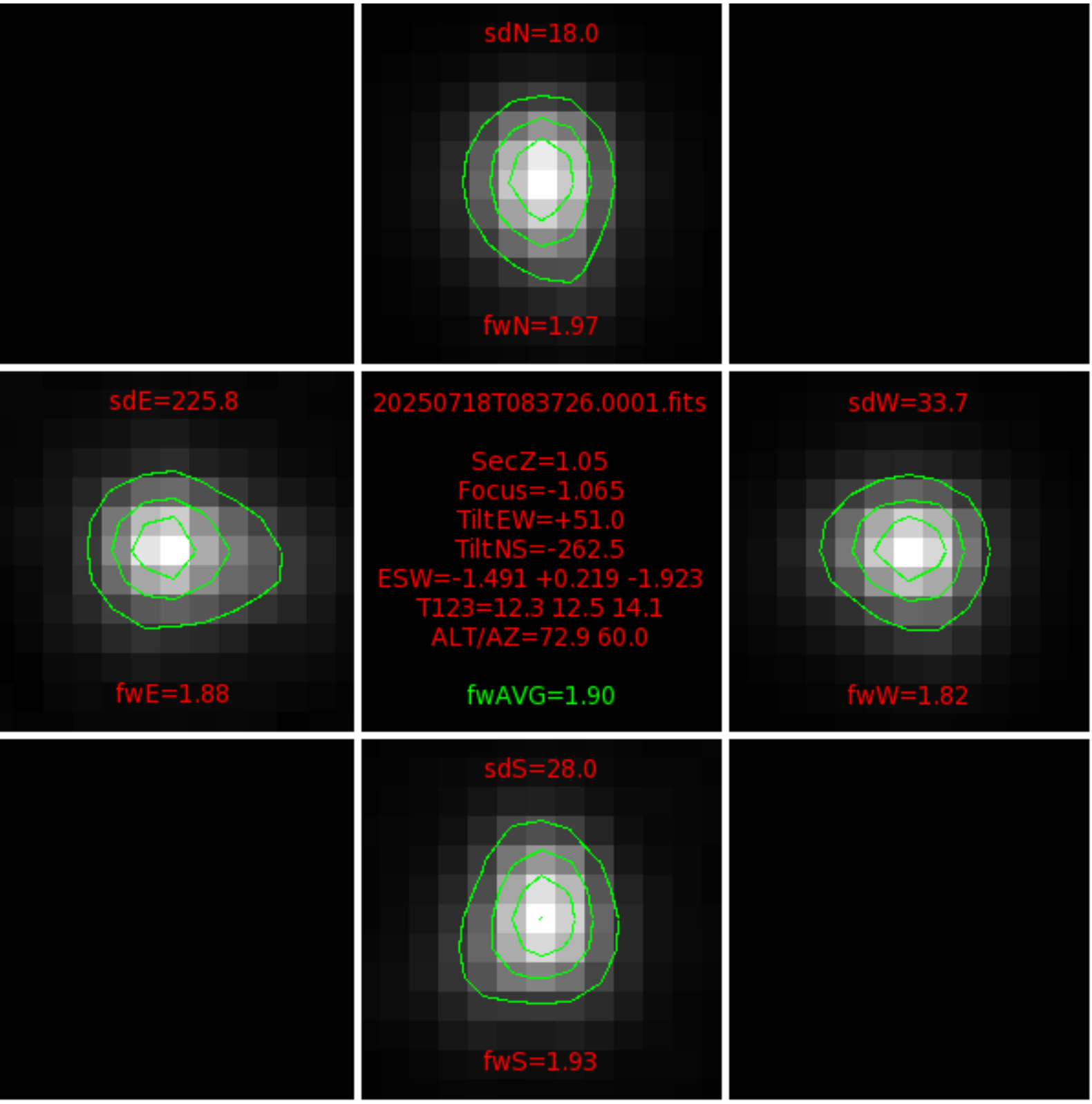
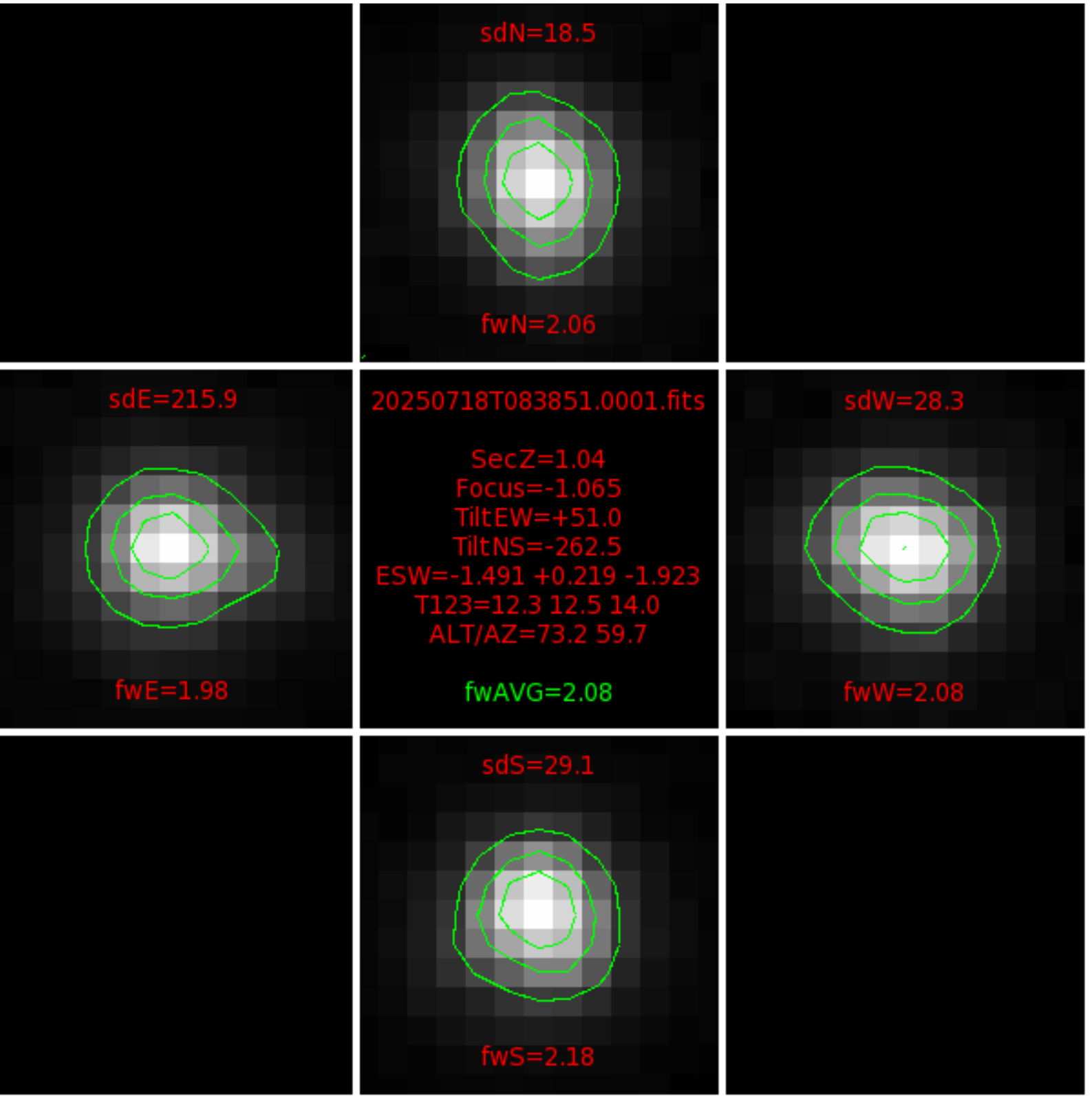
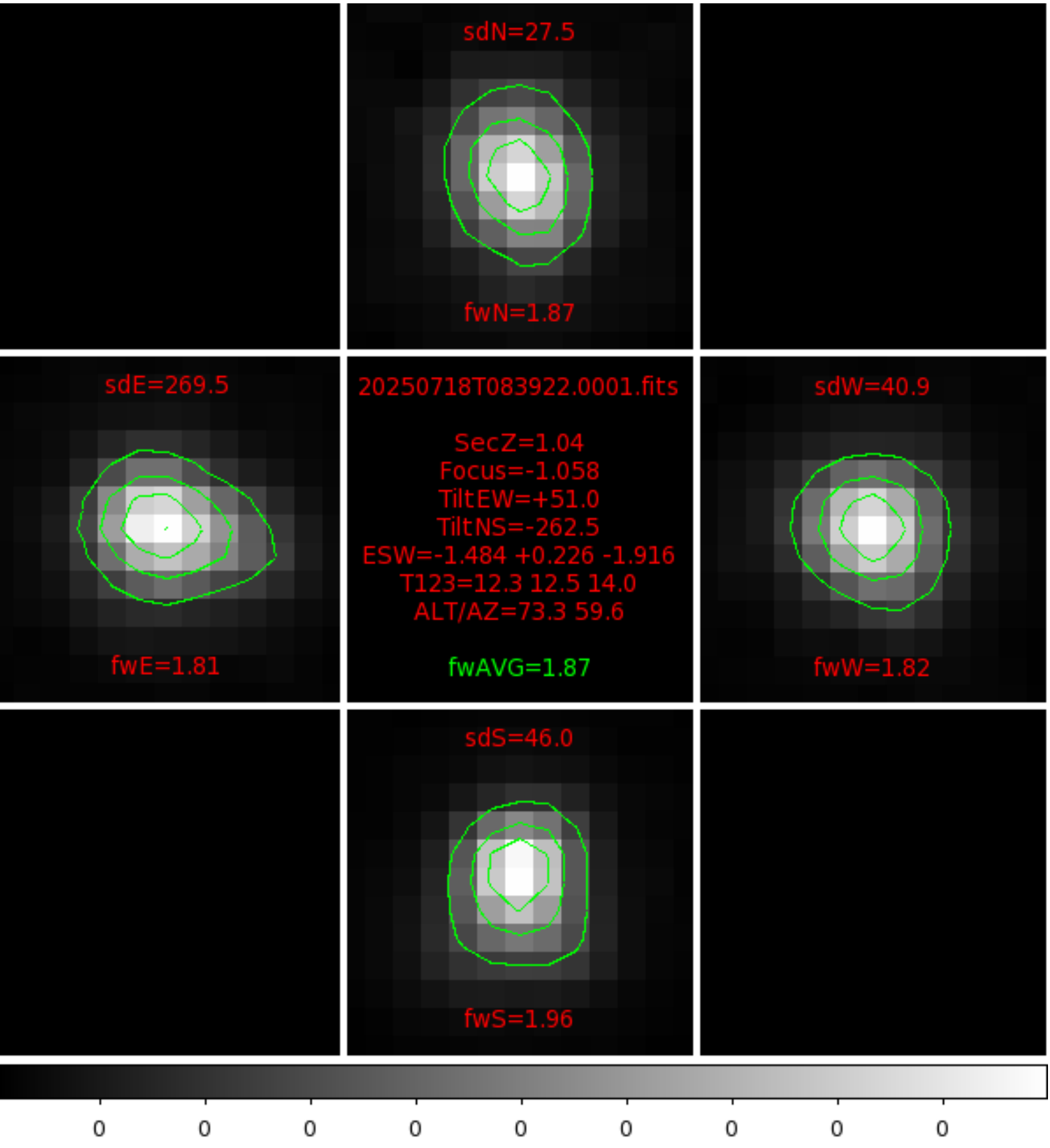
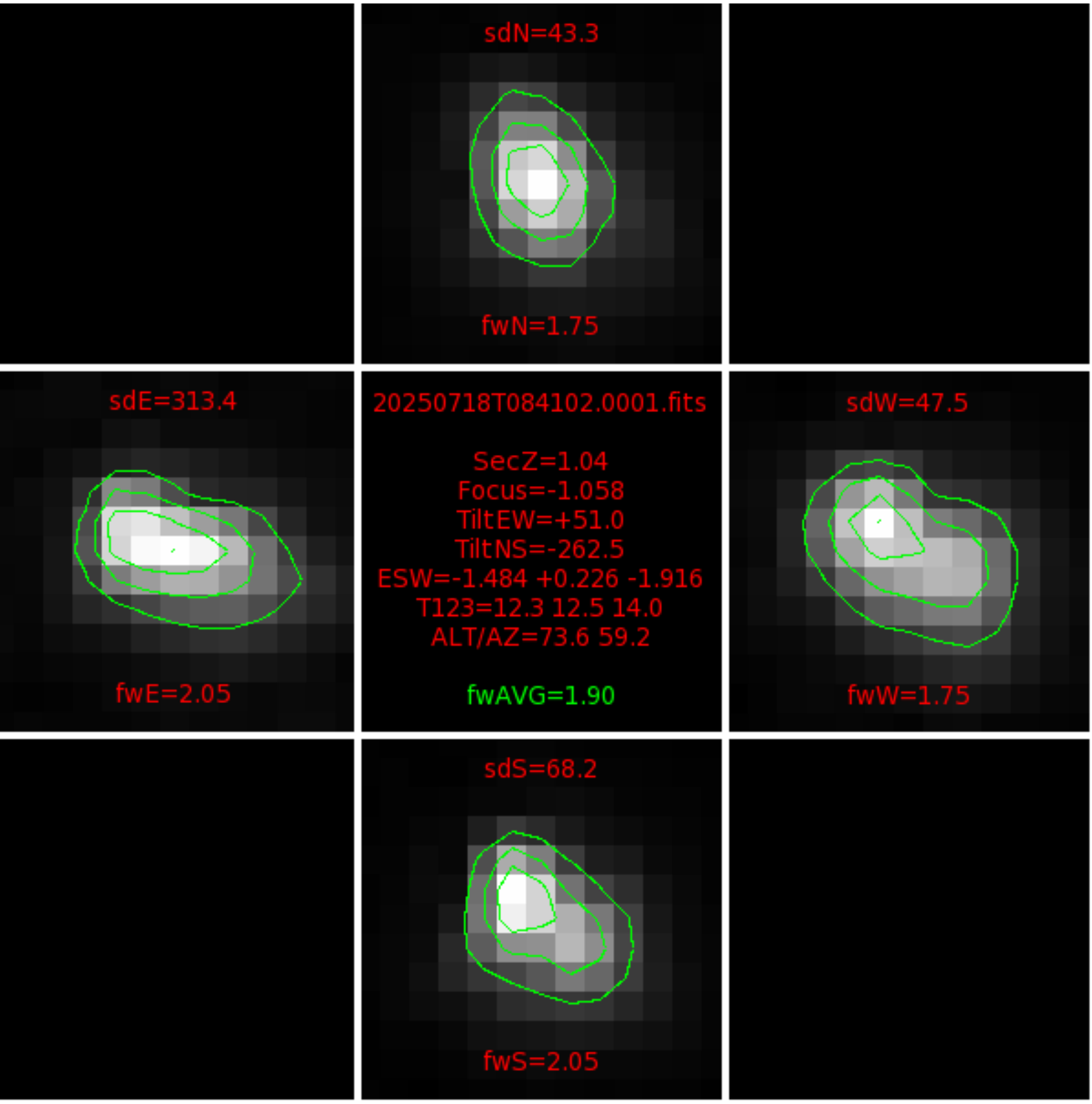
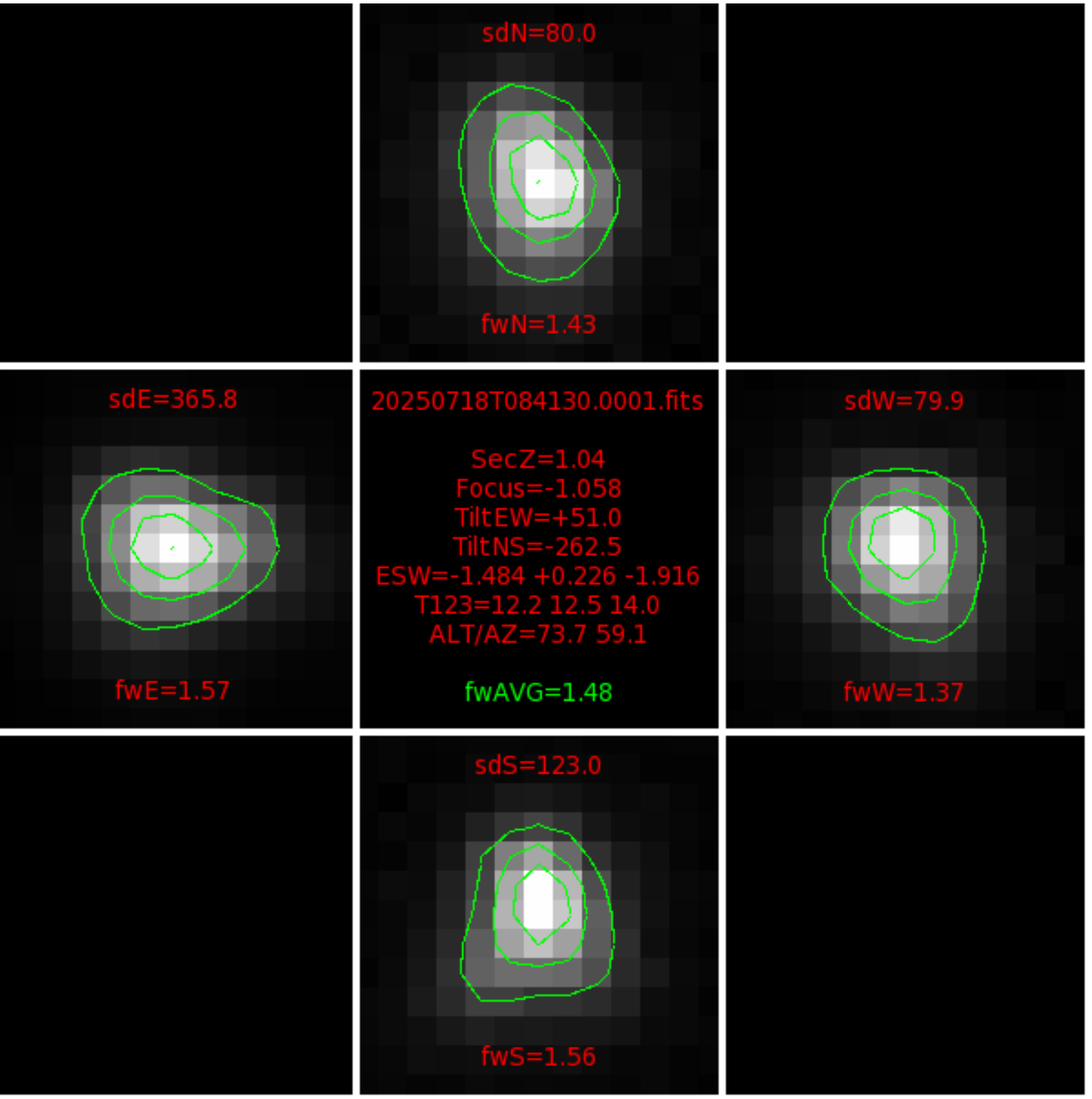

sdN=35.1
fwN=1.73
sdE=343.2
fwE=1.82
20250718T083655.0001.fits
SecZ=1.05
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.5 14.1
ALT/AZ=72.8 60.2
fwAVG=1.72
sdW=26.6
fwW=1.52
sdS=22.5
fwS=1.81
0 0 0 0 0 0 0 0 0

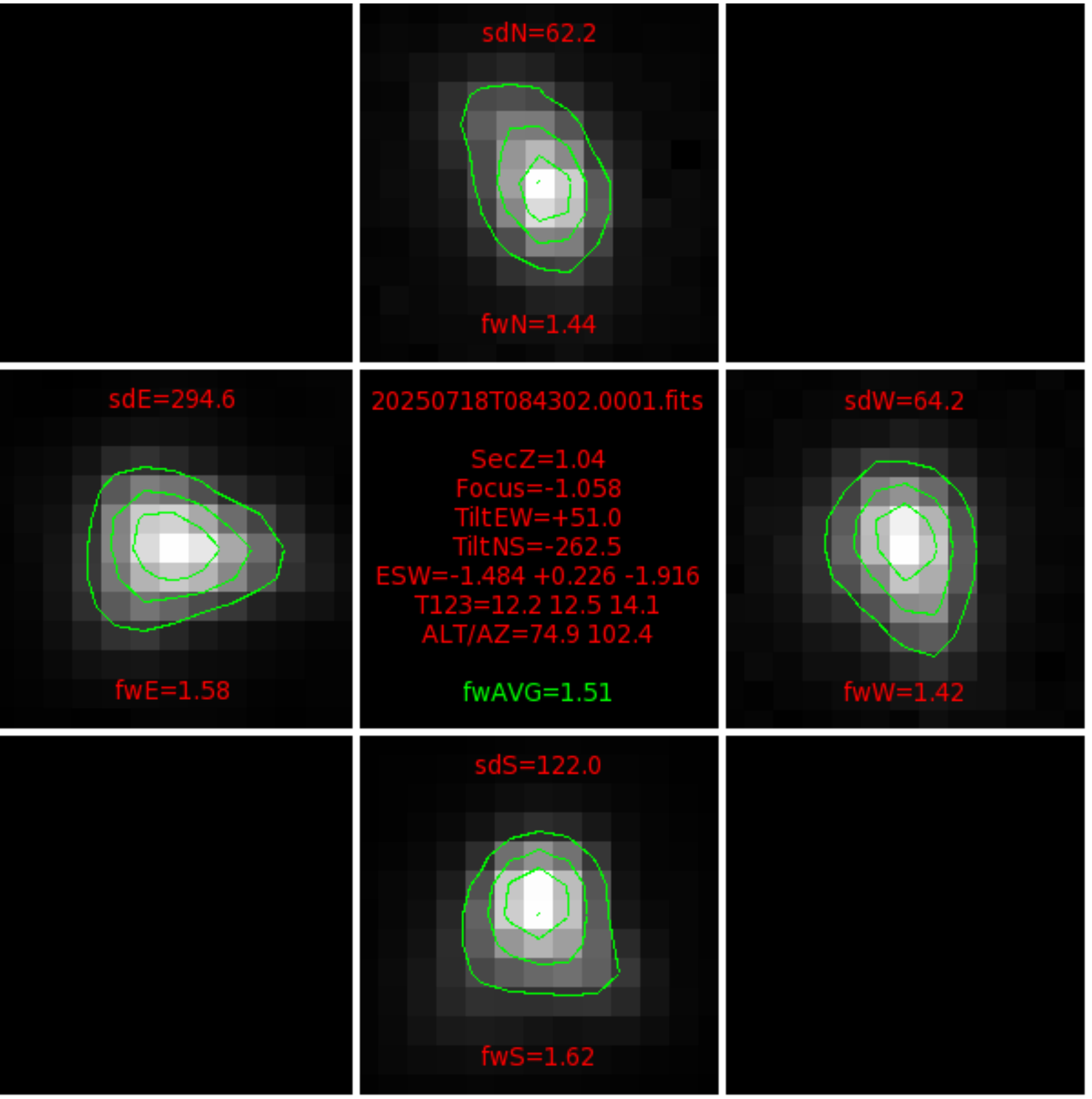

sdN=18.0
fwN=1.97
sdE=225.8
fwE=1.88
20250718T083726.0001.fits
SecZ=1.05
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.5 14.1
ALT/AZ=72.9 60.0
fwAVG=1.90
sdW=33.7
fwW=1.82
sdS=28.0
fwS=1.93
0 0 0 0 0 0 0 0 0

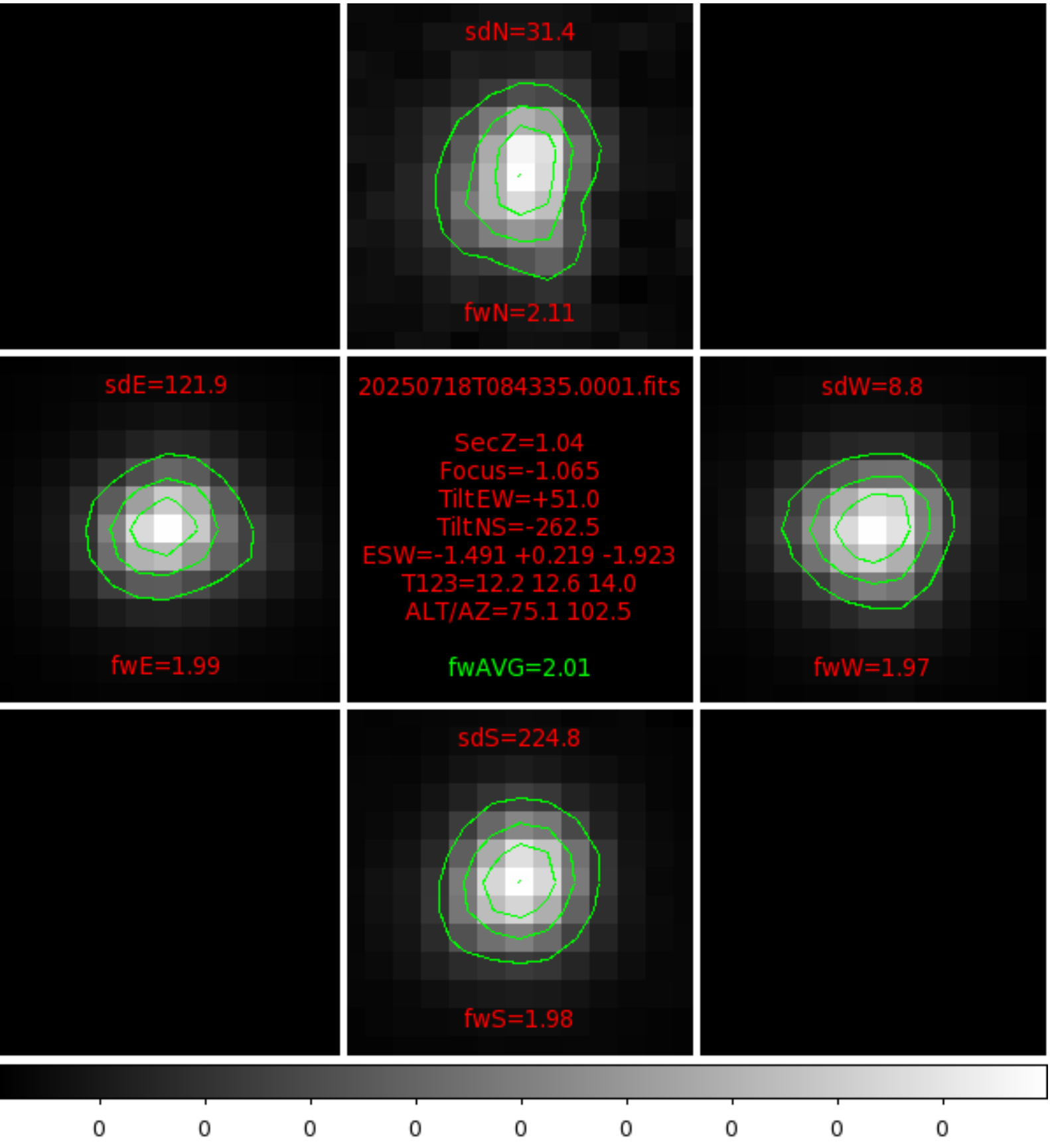

sdN=18.5
fwN=2.06
sdE=215.9
fwE=1.98
20250718T083851.0001.fits
SecZ=1.04
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.5 14.0
ALT/AZ=73.2 59.7
fwAVG=2.08
sdW=28.3
fwW=2.08
sdS=29.1
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=27.5
fwN=1.87
sdE=269.5
fwE=1.81
20250718T083922.0001.fits
SecZ=1.04
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=73.3 59.6
fwAVG=1.87
sdW=40.9
fwW=1.82
sdS=46.0
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=43.3
fwN=1.75
sdE=313.4
fwE=2.05
20250718T084102.0001.fits
SecZ=1.04
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=73.6 59.2
fwAVG=1.90
sdW=47.5
fwW=1.75
sdS=68.2
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=80.0
fwN=1.43
sdE=365.8
fwE=1.57
20250718T084130.0001.fits
SecZ=1.04
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.2 12.5 14.0
ALT/AZ=73.7 59.1
fwAVG=1.48
sdW=79.9
fwW=1.37
sdS=123.0
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=62.2
fwN=1.44
sdE=294.6
fwE=1.58
20250718T084302.0001.fits
SecZ=1.04
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.2 12.5 14.1
ALT/AZ=74.9 102.4
fwAVG=1.51
sdW=64.2
fwW=1.42
sdS=122.0
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=31.4
fwN=2.11
sdE=121.9
fwE=1.99
20250718T084335.0001.fits
SecZ=1.04
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.2 12.6 14.0
ALT/AZ=75.1 102.5
fwAVG=2.01
sdW=8.8
fwW=1.97
sdS=224.8
fwS=1.98
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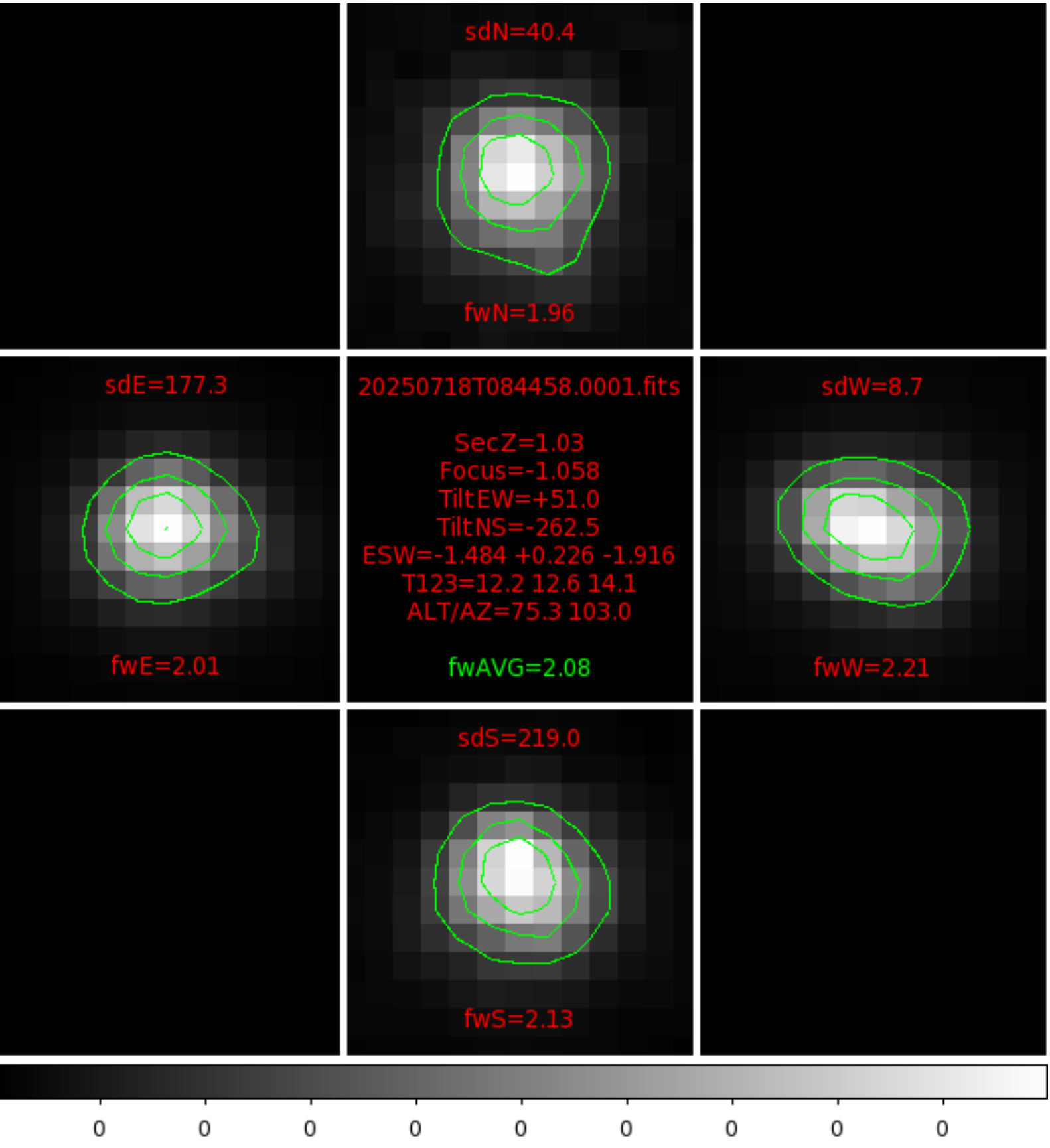
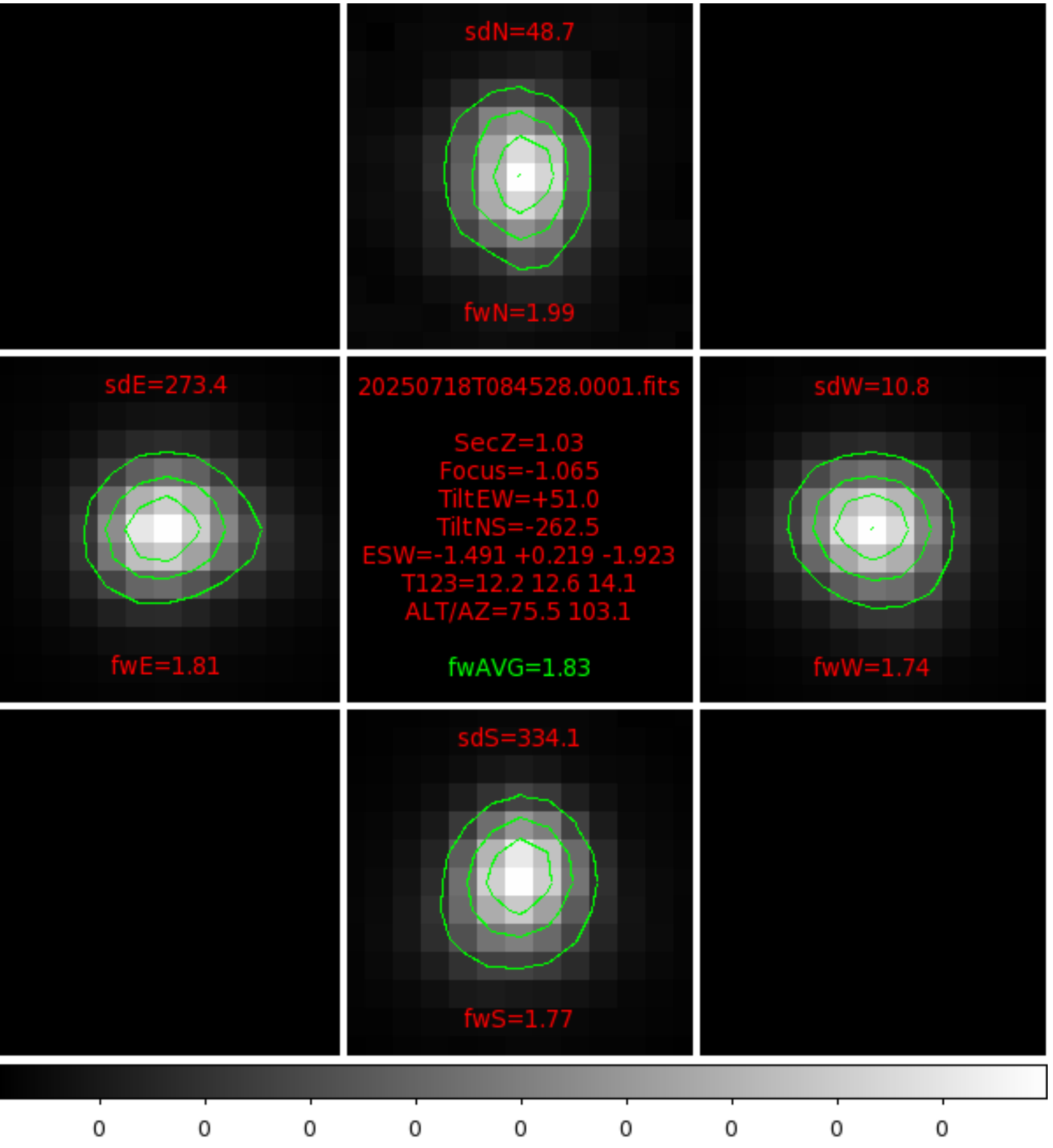
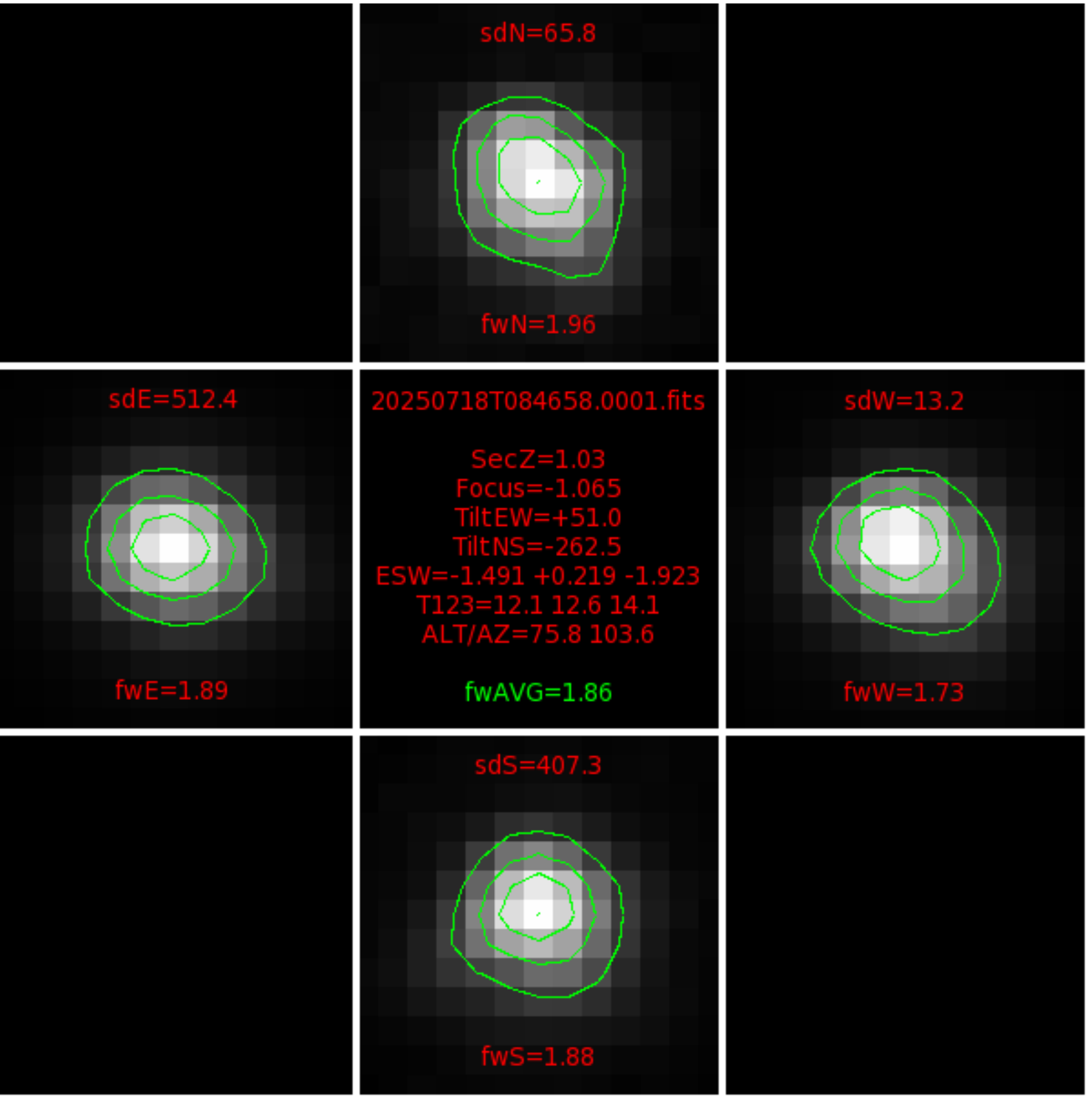
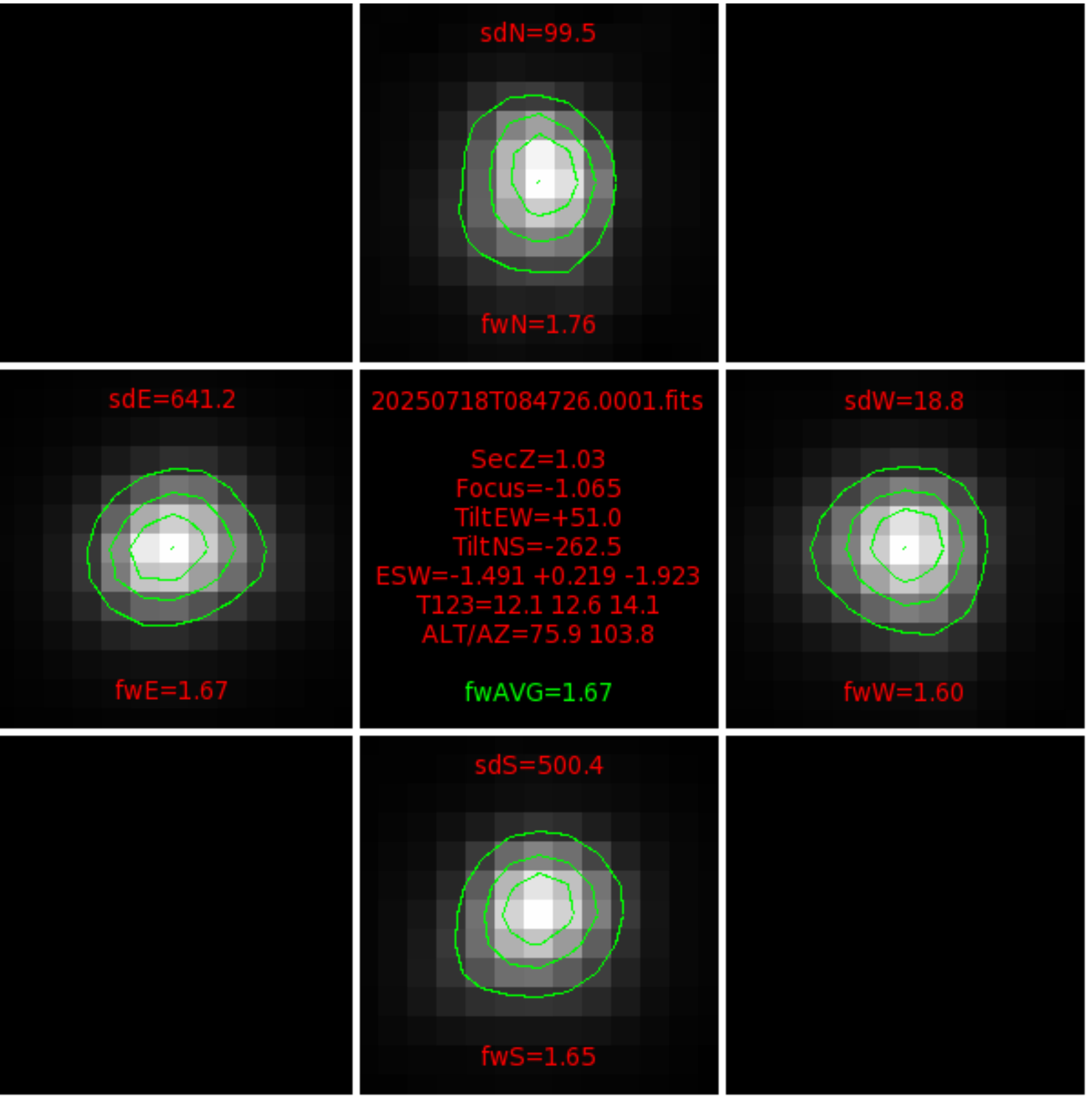
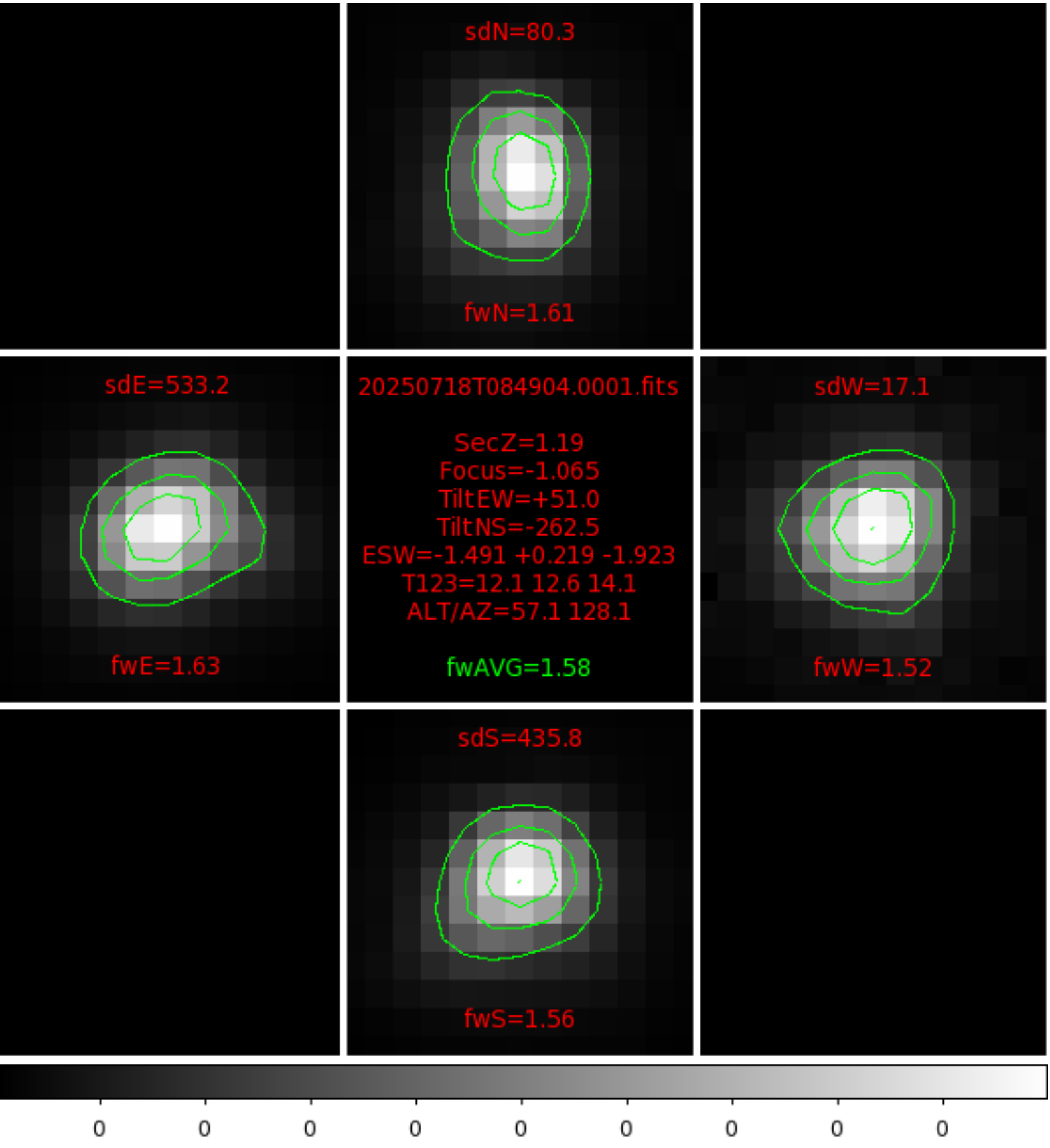
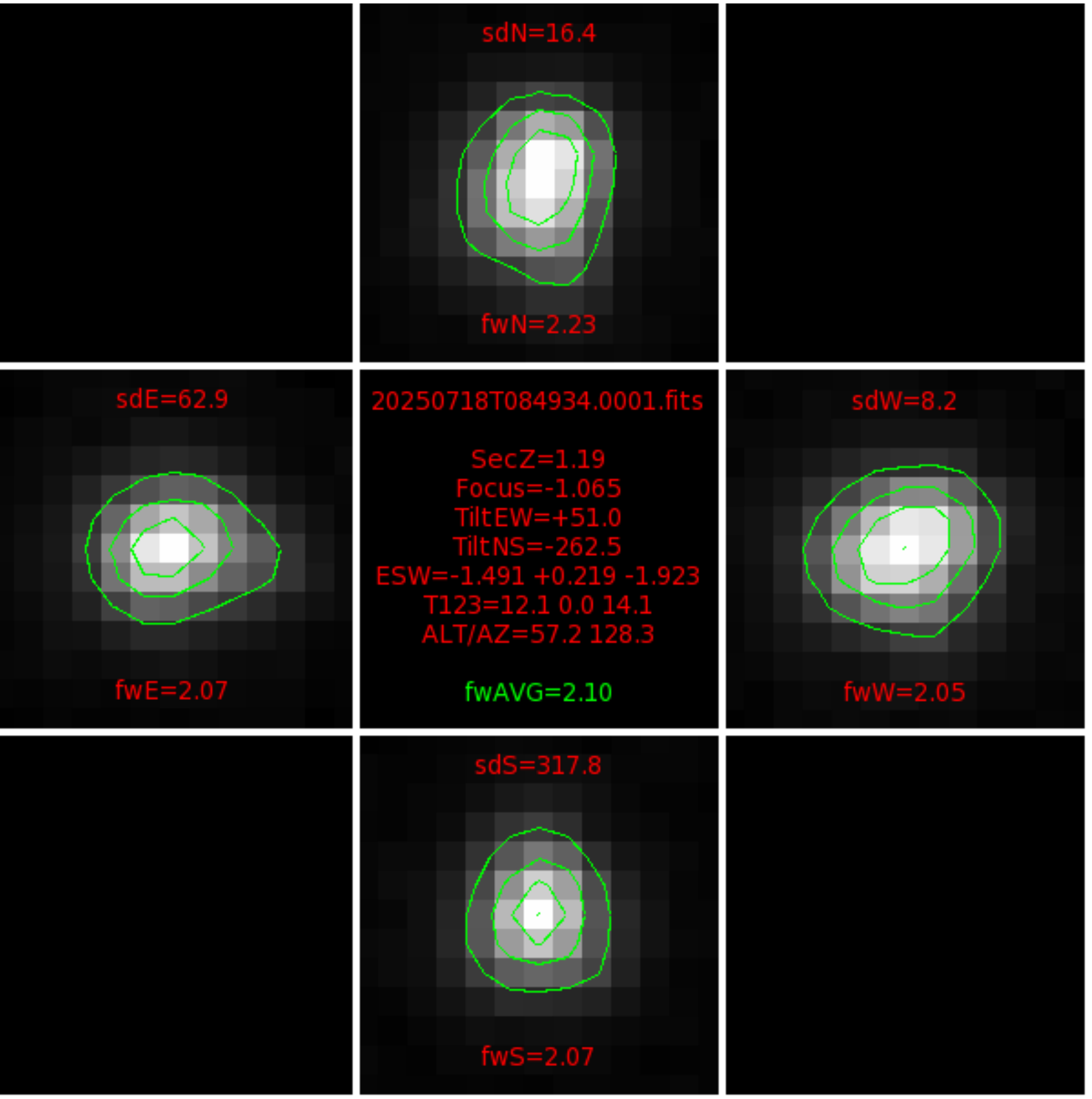

sdN=40.4
fwN=1.96
sdE=177.3
fwE=2.01
20250718T084458.0001.fits
SecZ=1.03
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.2 12.6 14.1
ALT/AZ=75.3 103.0
fwAVG=2.08
sdW=8.7
fwW=2.21
sdS=219.0
fwS=2.13
0 0 0 0 0 0 0 0 0

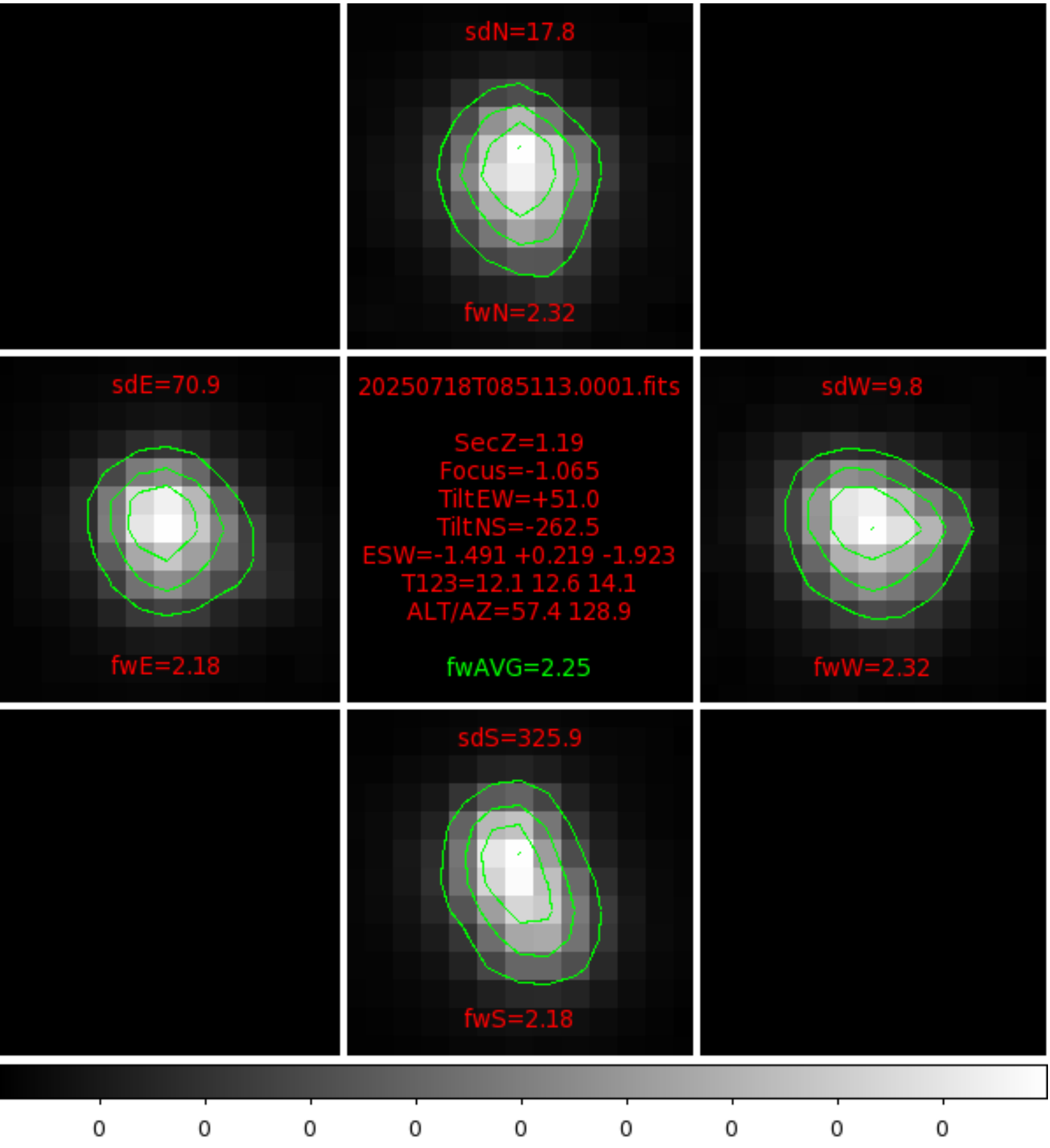

sdN=48.7
fwN=1.99
sdE=273.4
fwE=1.81
20250718T084528.0001.fits
SecZ=1.03
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.2 12.6 14.1
ALT/AZ=75.5 103.1
fwAVG=1.83
sdW=10.8
fwW=1.74
sdS=334.1
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=65.8
fwN=1.96
sdE=512.4
fwE=1.89
20250718T084658.0001.fits
SecZ=1.03
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.1 12.6 14.1
ALT/AZ=75.8 103.6
fwAVG=1.86
sdW=13.2
fwW=1.73
sdS=407.3
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=99.5
fwN=1.76
sdE=641.2
fwE=1.67
20250718T084726.0001.fits
SecZ=1.03
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.1 12.6 14.1
ALT/AZ=75.9 103.8
fwAVG=1.67
sdW=18.8
fwW=1.60
sdS=500.4
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=80.3
fwN=1.61
sdE=533.2
fwE=1.63
20250718T084904.0001.fits
SecZ=1.19
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.1 12.6 14.1
ALT/AZ=57.1 128.1
fwAVG=1.58
sdW=17.1
fwW=1.52
sdS=435.8
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=16.4
fwN=2.23
sdE=62.9
fwE=2.07
20250718T084934.0001.fits
SecZ=1.19
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.1 0.0 14.1
ALT/AZ=57.2 128.3
fwAVG=2.10
sdW=8.2
fwW=2.05
sdS=317.8
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=17.8
fwN=2.32
sdE=70.9
fwE=2.18
20250718T085113.0001.fits
SecZ=1.19
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.1 12.6 14.1
ALT/AZ=57.4 128.9
fwAVG=2.25
sdW=9.8
fwW=2.32
sdS=325.9
fwS=2.18
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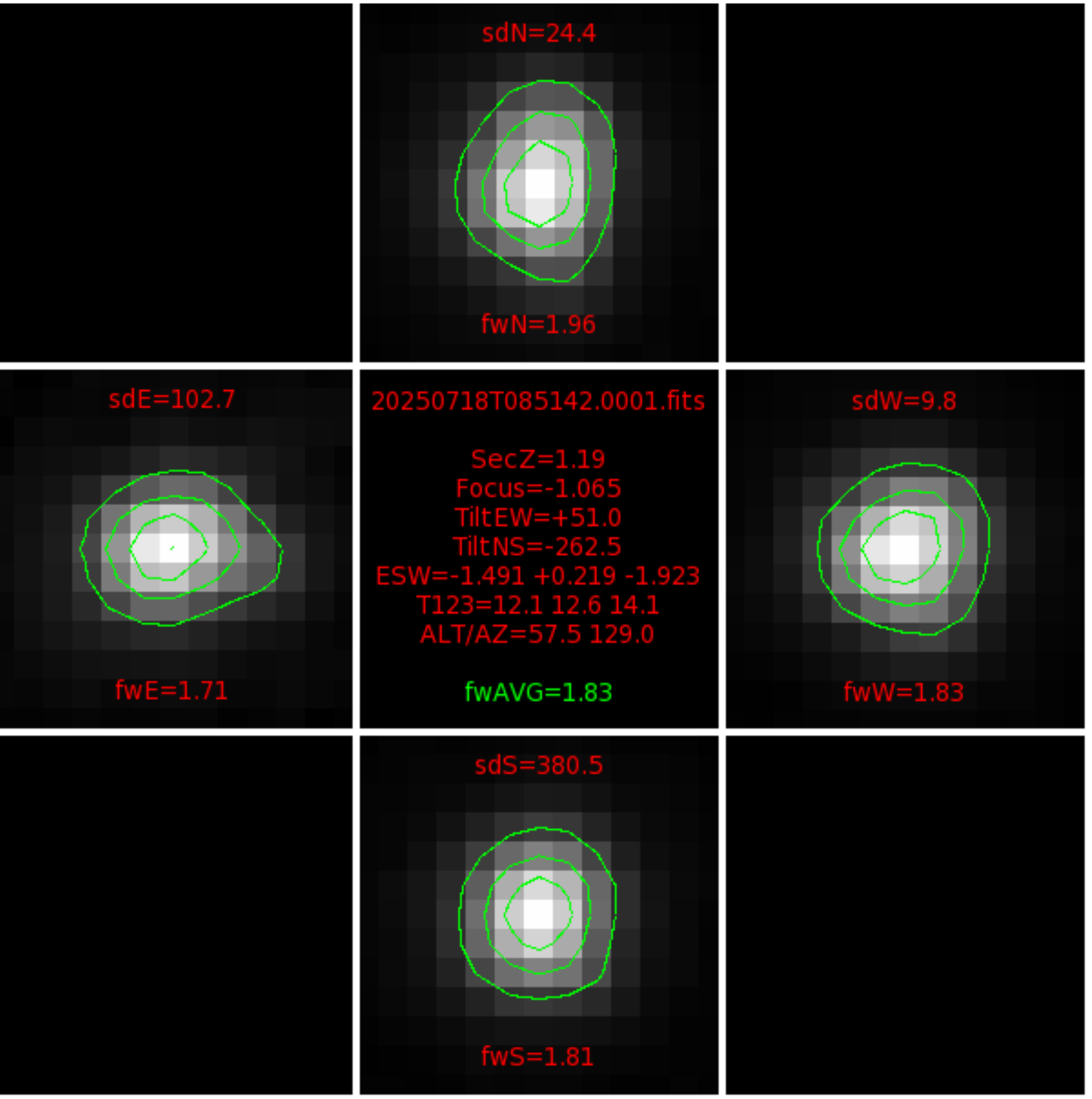
sdN=24.4
fwN=1.96
sdE=102.7
fwE=1.71
20250718T085142.0001.fits
SecZ=1.19
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.1 12.6 14.1
ALT/AZ=57.5 129.0
fwAVG=1.83
sdW=9.8
fwW=1.83
sdS=380.5
fwS=1.81
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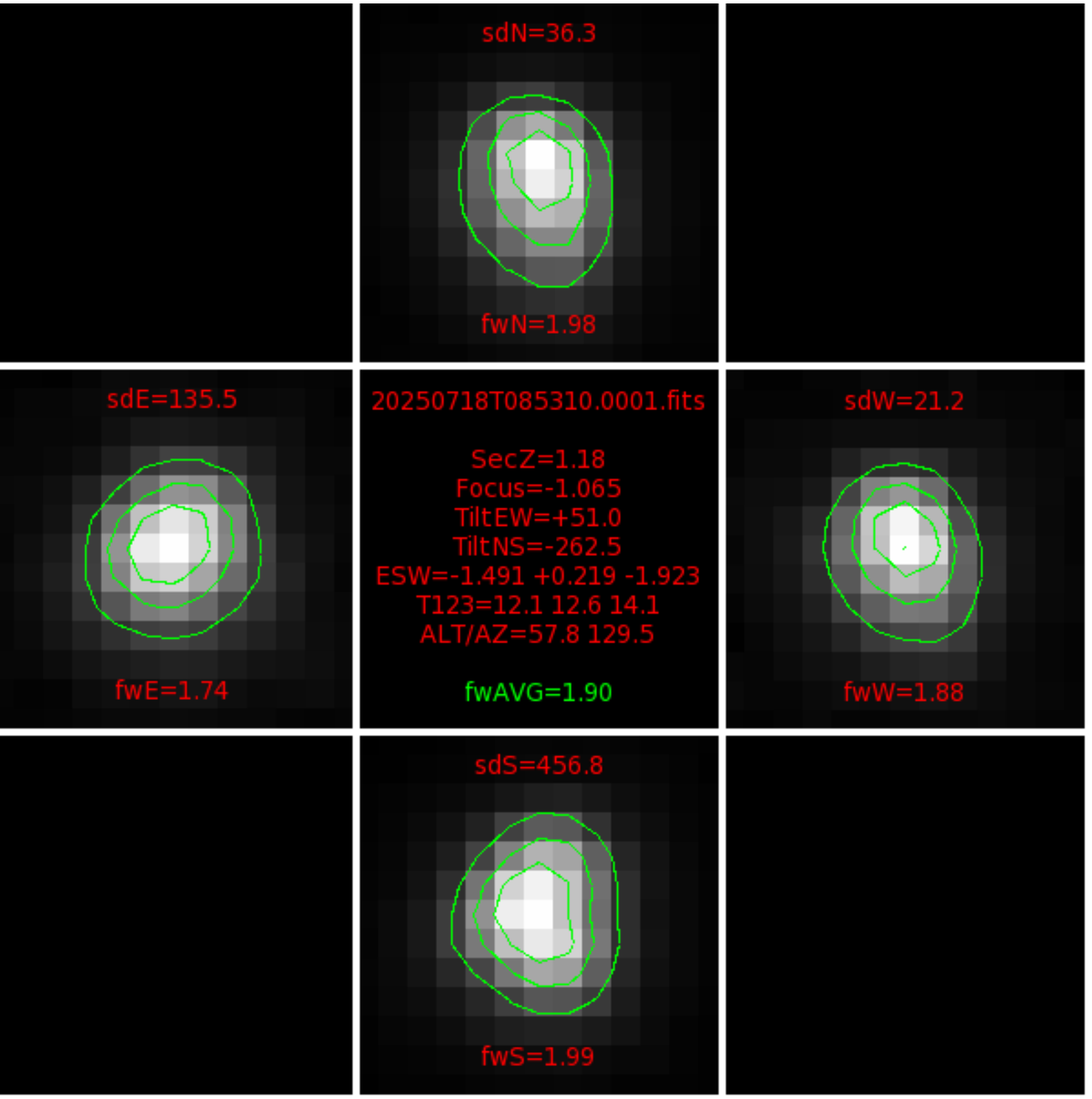
sdN=36.3
fwN=1.98
sdE=135.5
fwE=1.74
20250718T085310.0001.fits
SecZ=1.18
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.1 12.6 14.1
ALT/AZ=57.8 129.5
fwAVG=1.90
sdW=21.2
fwW=1.88
sdS=456.8
fwS=1.99
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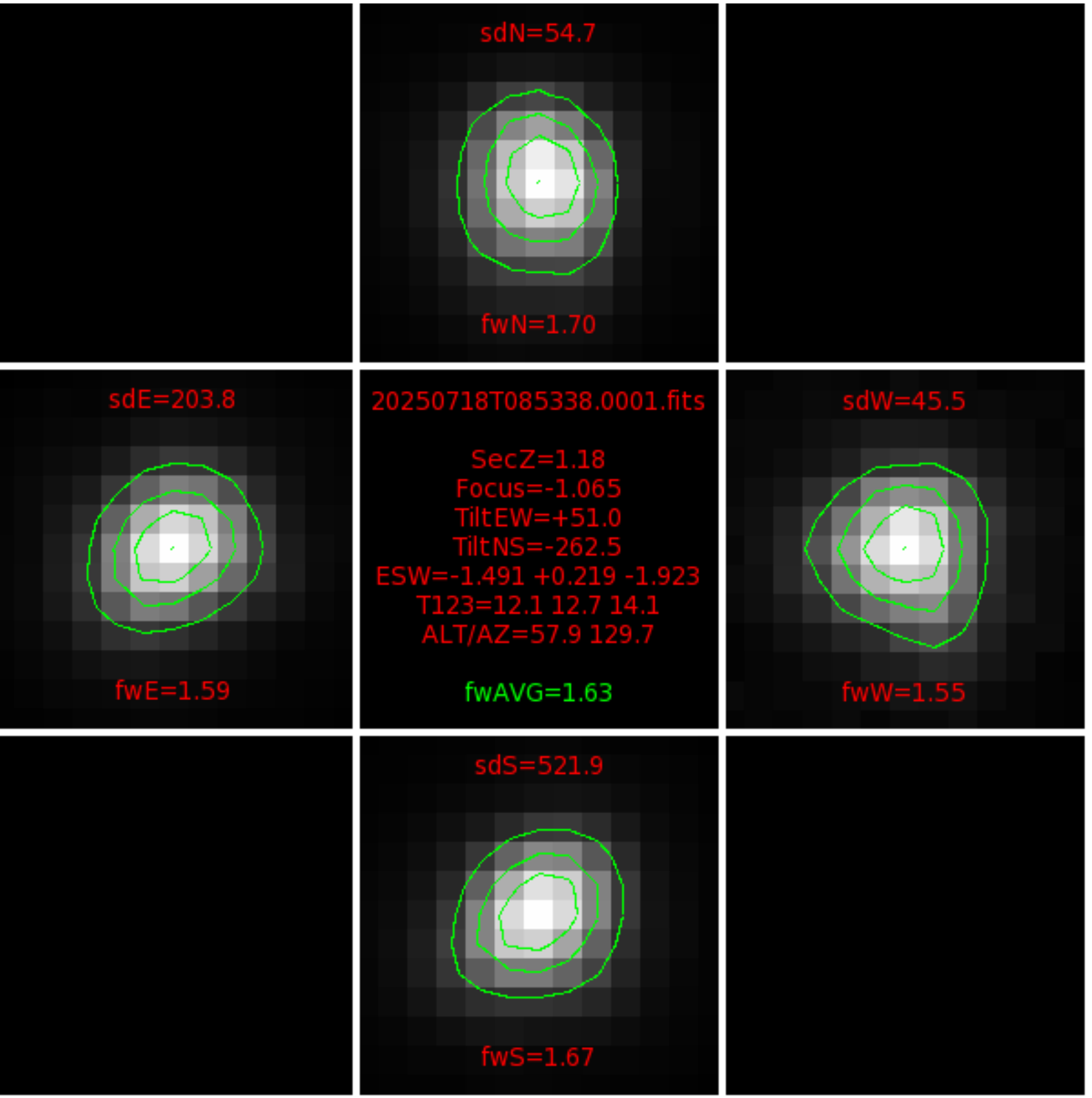
sdN=54.7
fwN=1.70
sdE=203.8
fwE=1.59
20250718T085338.0001.fits
SecZ=1.18
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.1 12.7 14.1
ALT/AZ=57.9 129.7
fwAVG=1.63
sdW=45.5
fwW=1.55
sdS=521.9
fwS=1.67
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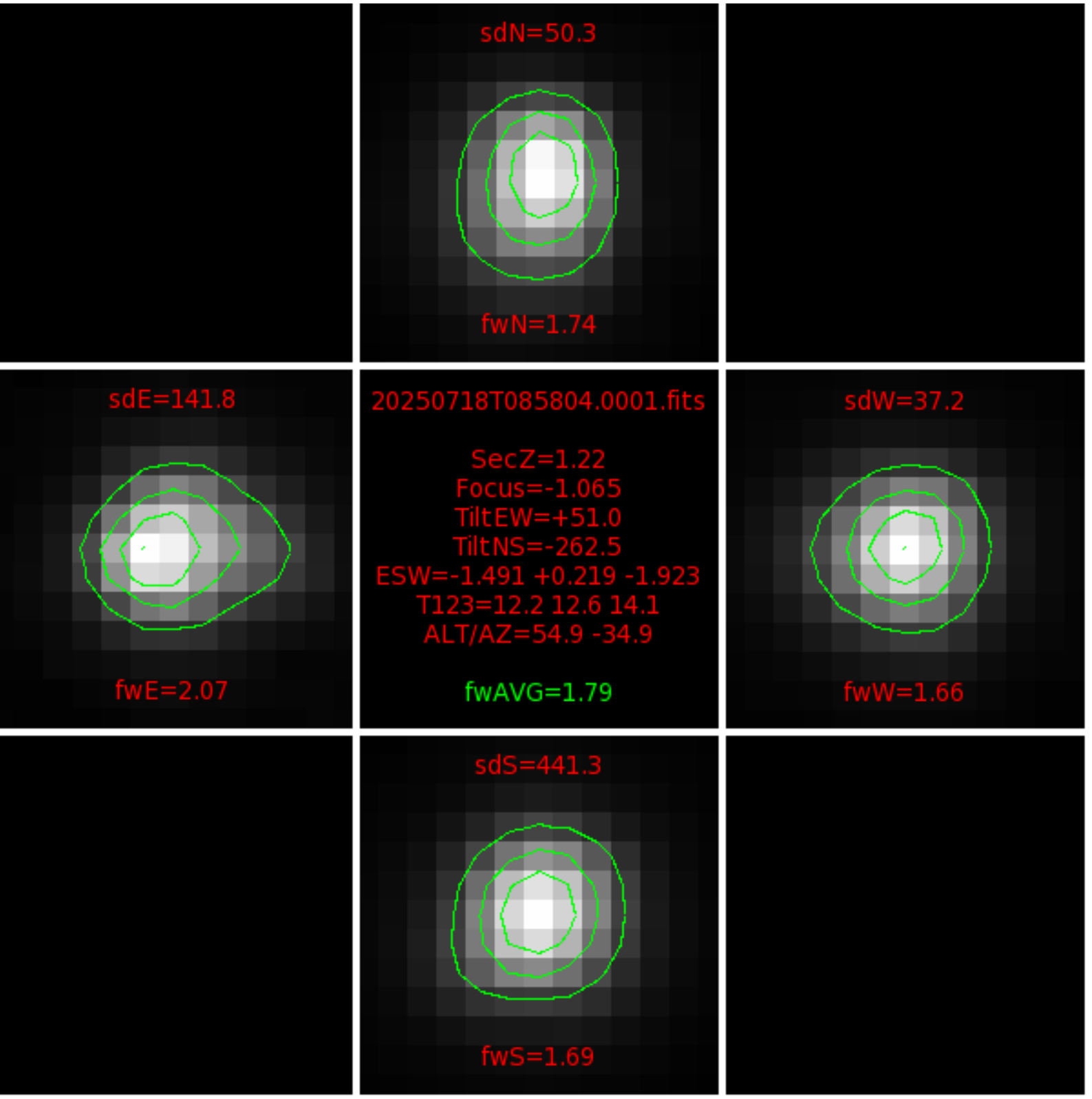
sdN=50.3
fwN=1.74
sdE=141.8
fwE=2.07
20250718T085804.0001.fits
SecZ=1.22
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.2 12.6 14.1
ALT/AZ=54.9 -34.9
fwAVG=1.79
sdW=37.2
fwW=1.66
sdS=441.3
fwS=1.69
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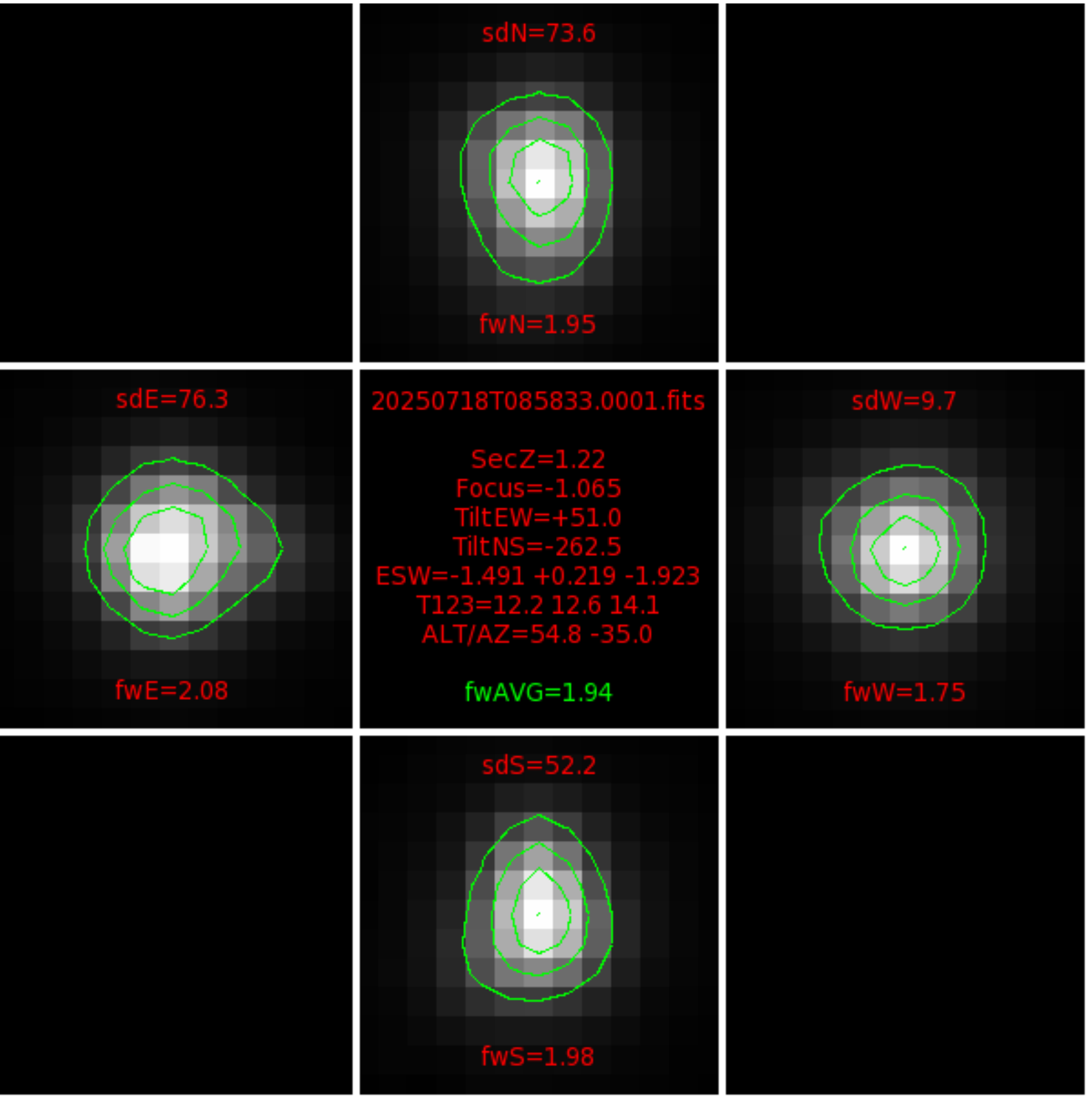
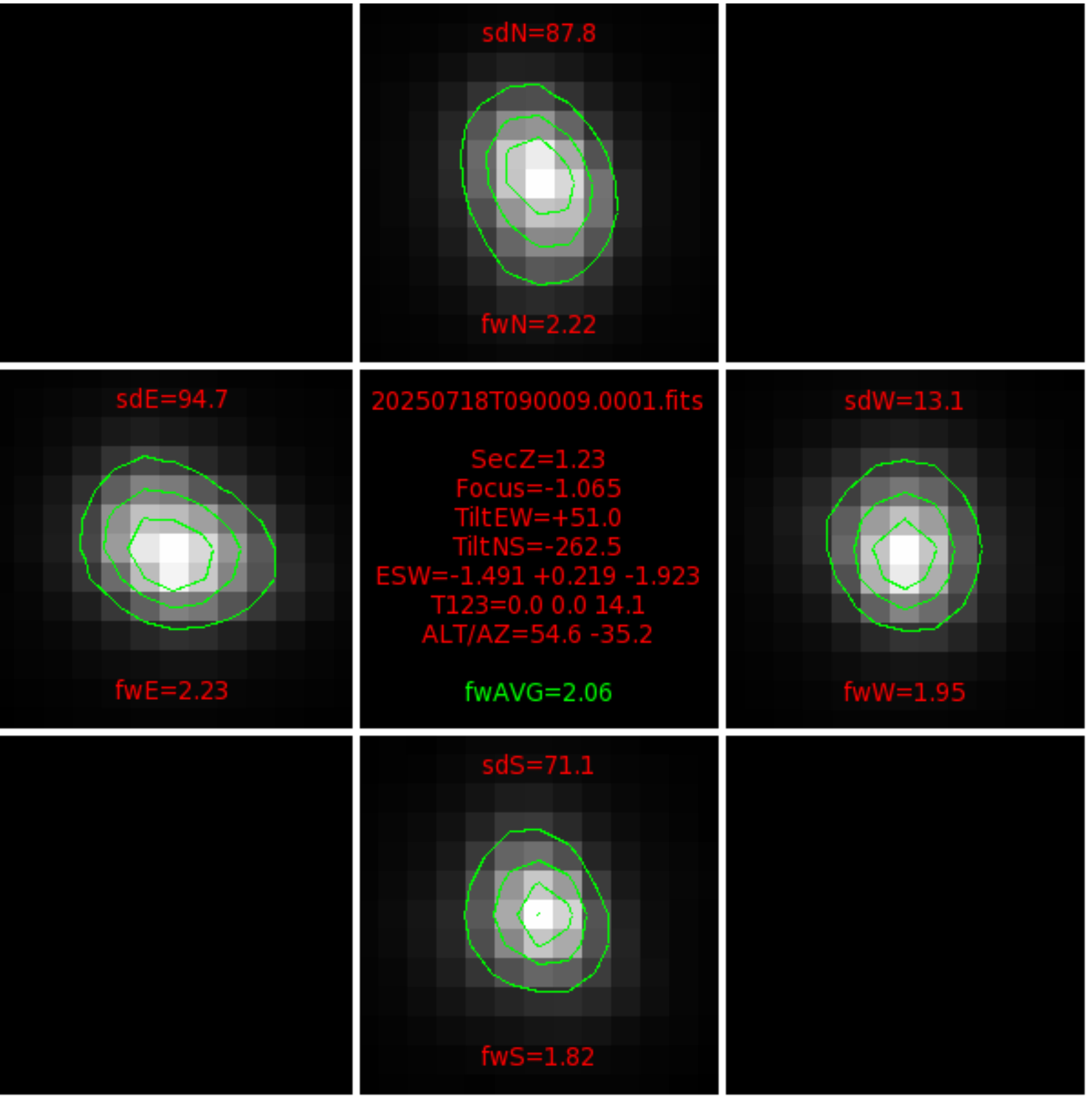
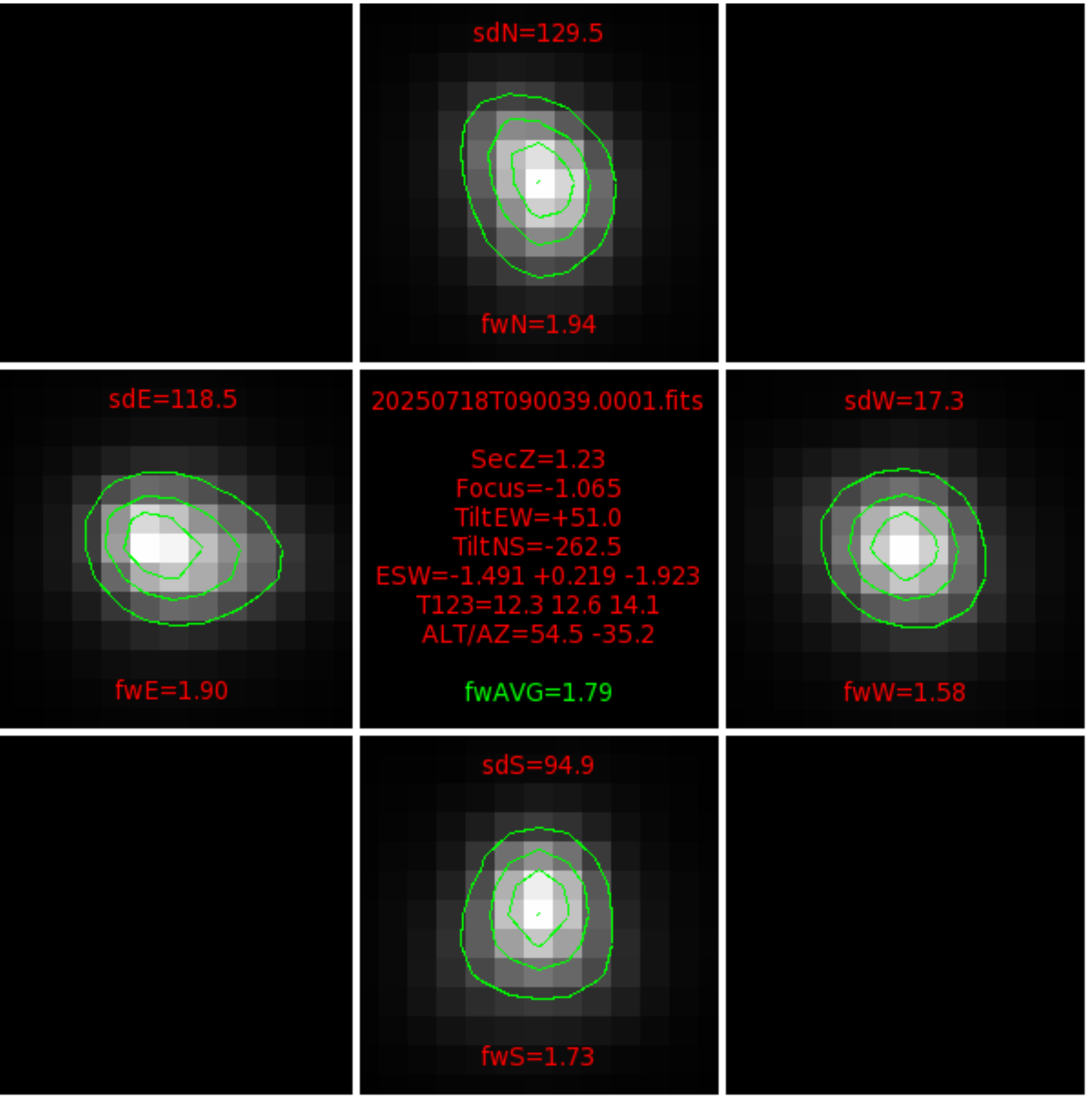
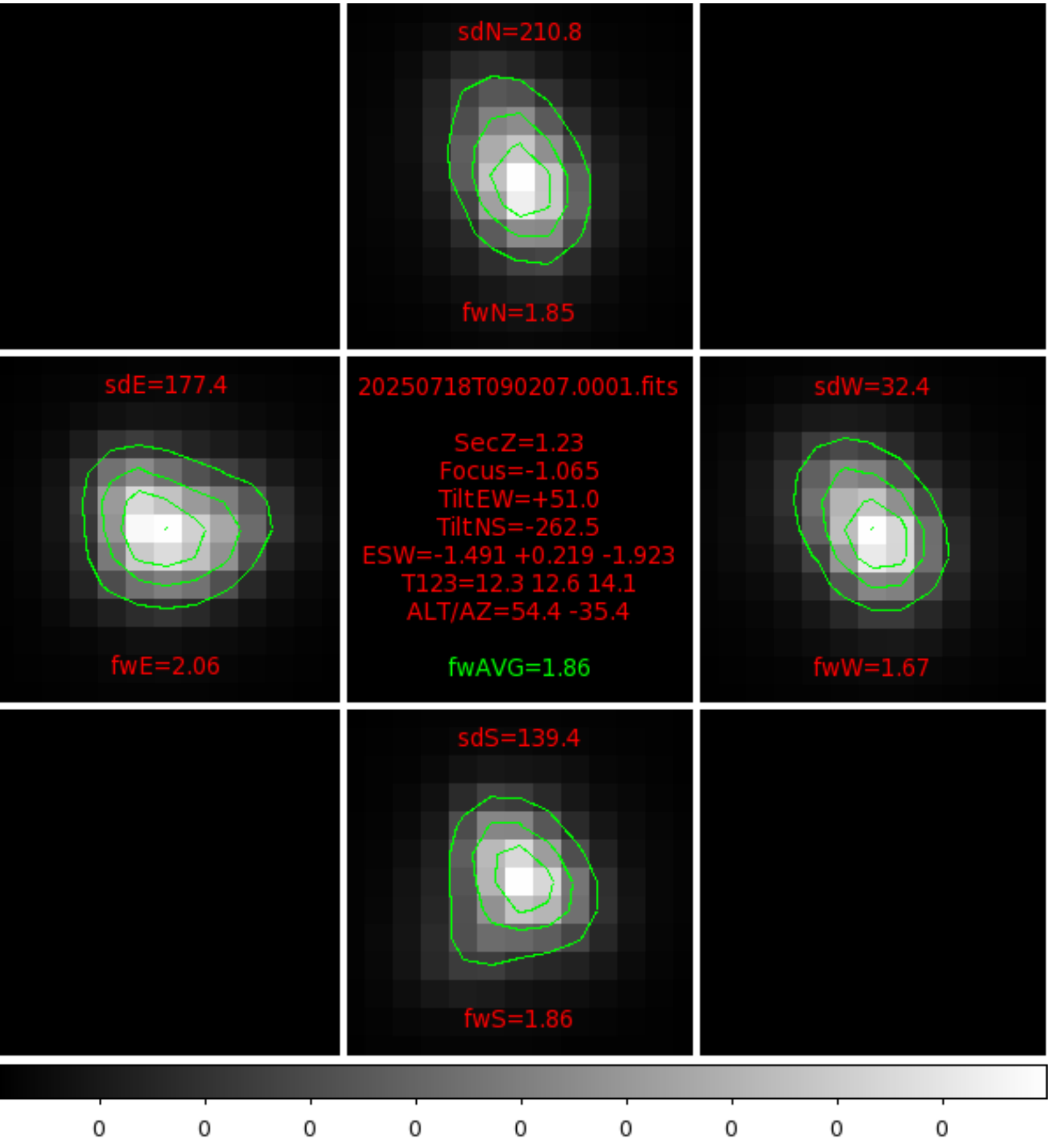
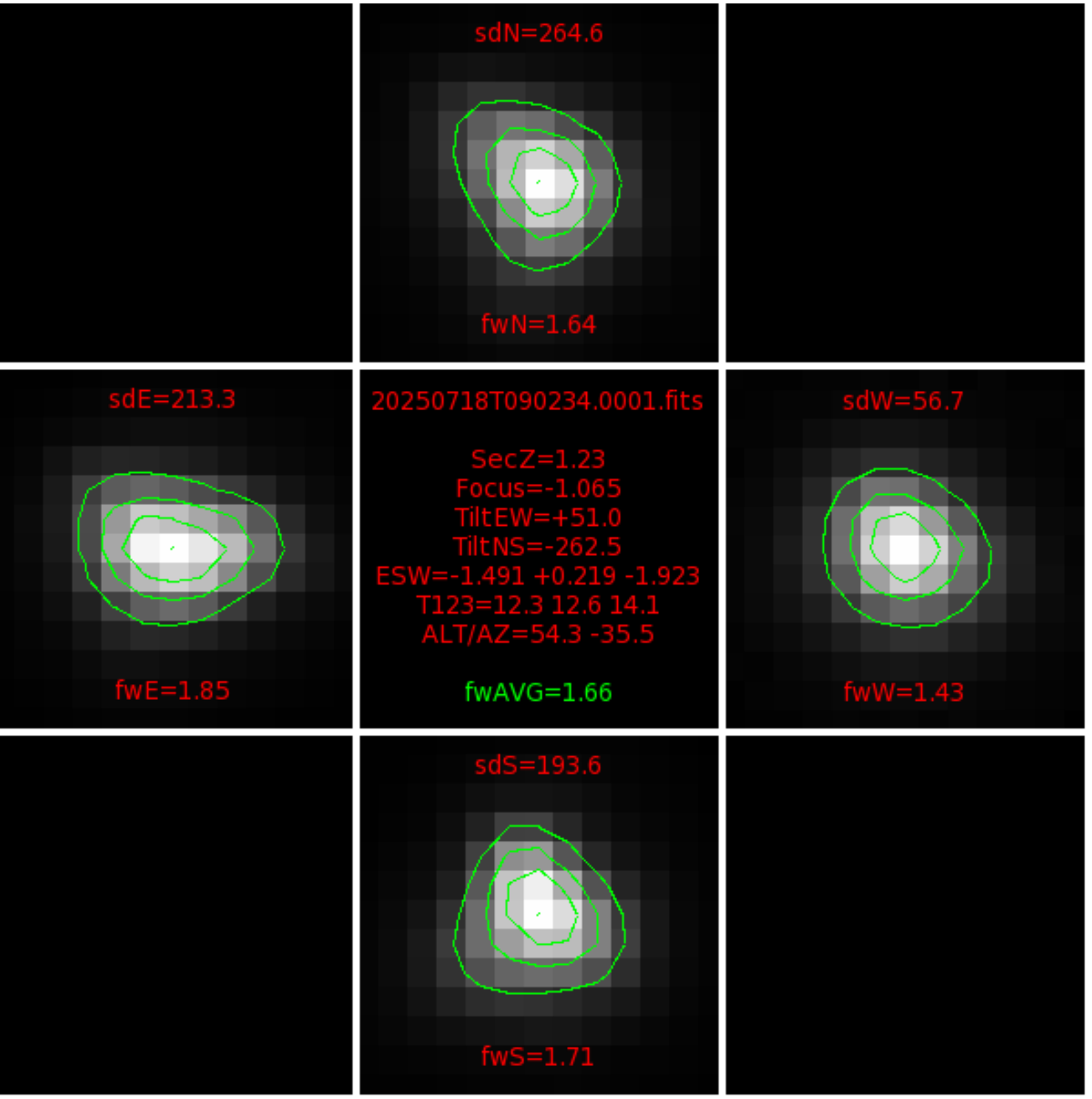
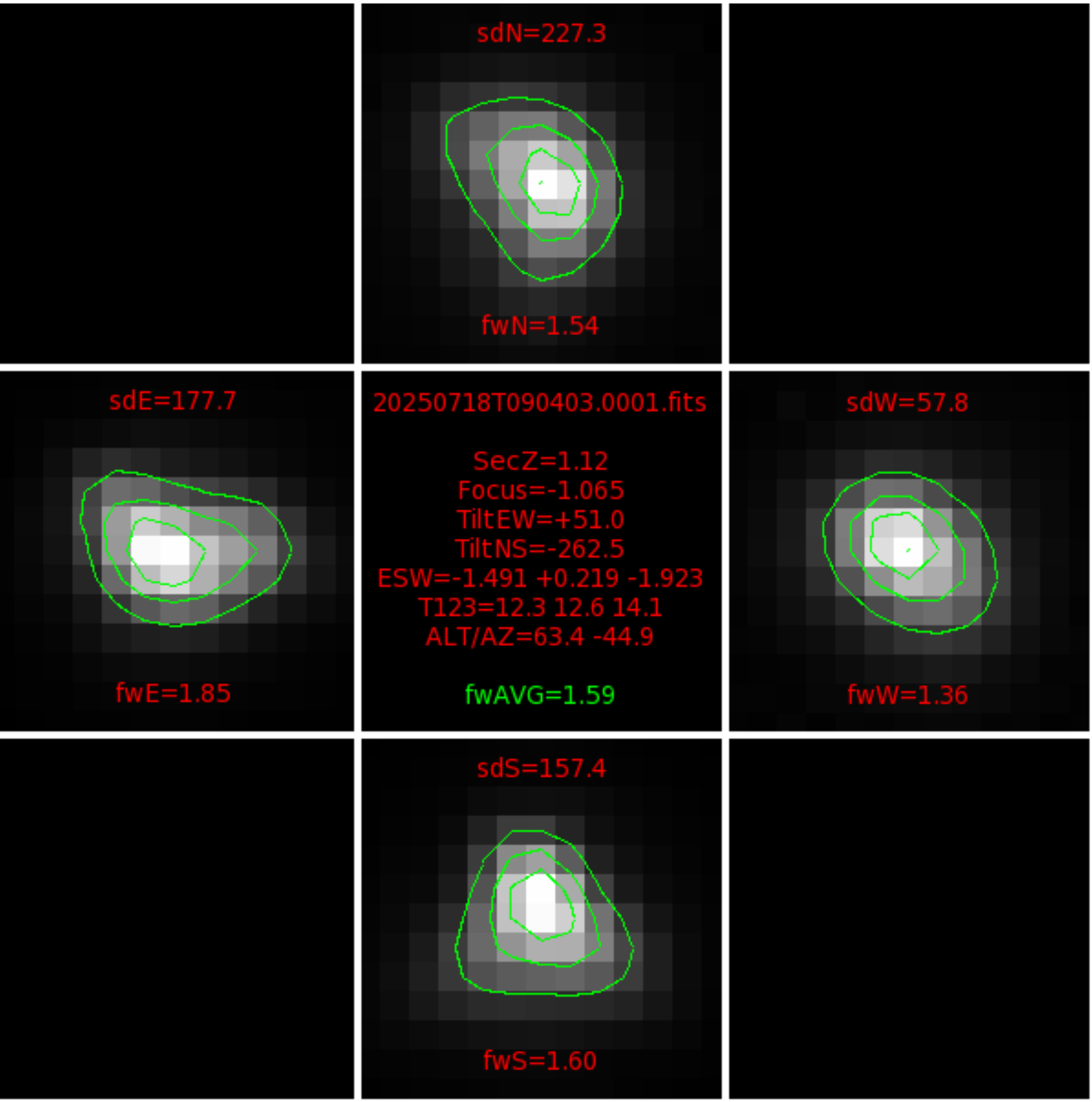

sdN=73.6
fwN=1.95
sdE=76.3
fwE=2.08
20250718T085833.0001.fits
SecZ=1.22
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.2 12.6 14.1
ALT/AZ=54.8 -35.0
fwAVG=1.94
sdW=9.7
fwW=1.75
sdS=52.2
fwS=1.98
0 0 0 0 0 0 0 0 0

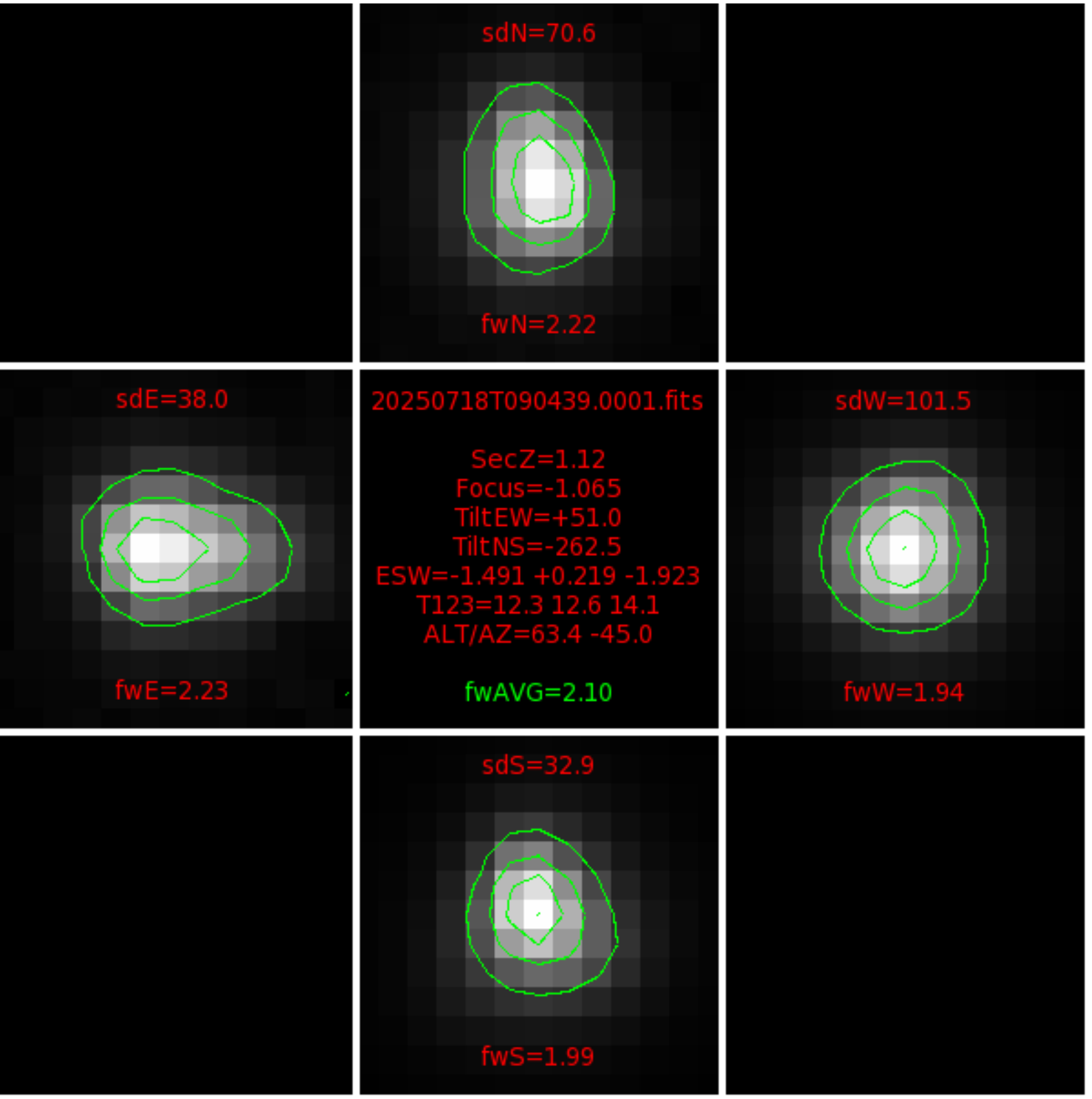

sdN=87.8
fwN=2.22
sdE=94.7
fwE=2.23
20250718T090009.0001.fits
SecZ=1.23
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=0.0 0.0 14.1
ALT/AZ=54.6 -35.2
fwAVG=2.06
sdW=13.1
fwW=1.95
sdS=71.1
fwS=1.82
0 0 0 0 0 0 0 0 0

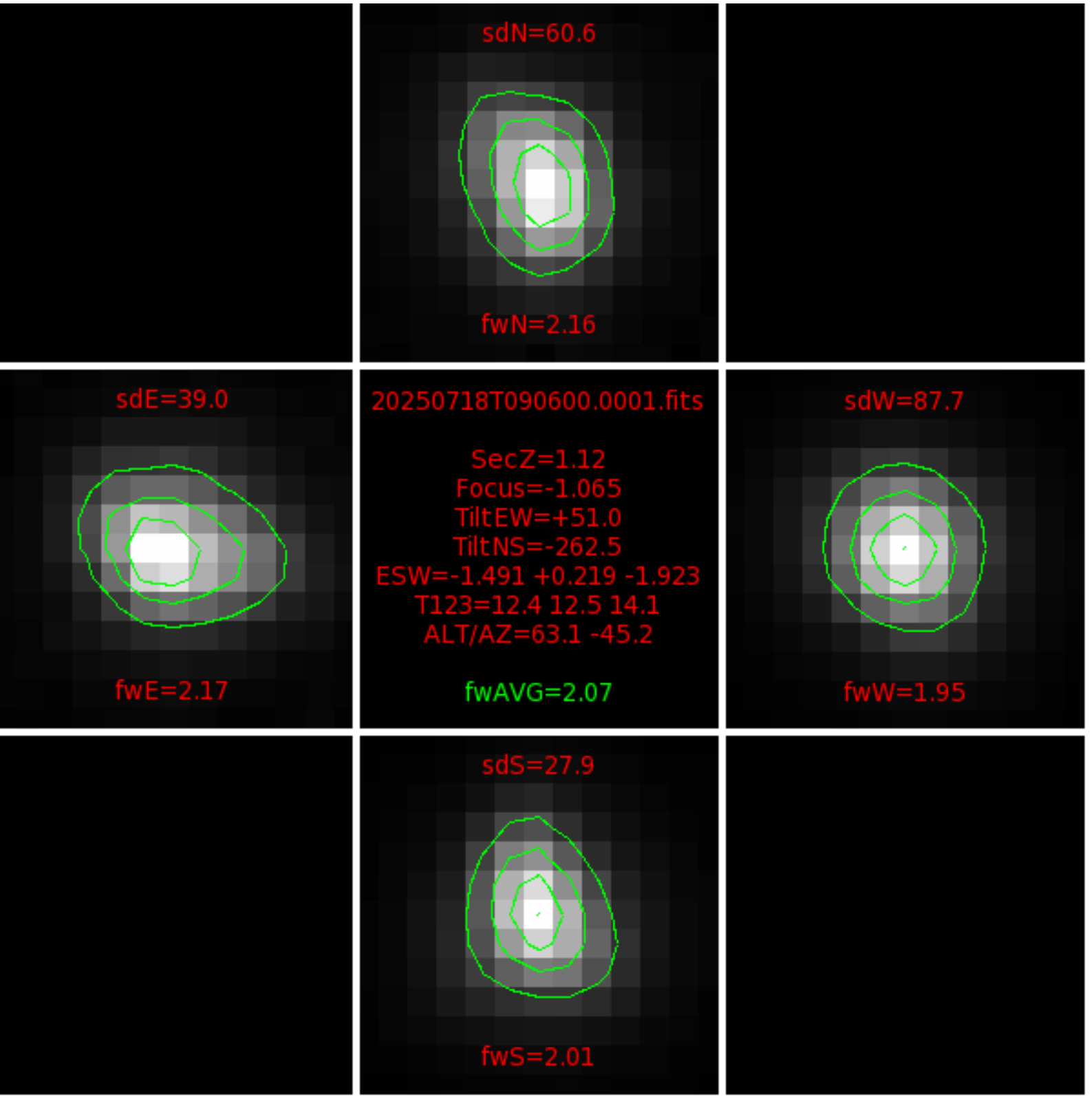

sdN=129.5
fwN=1.94
sdE=118.5
fwE=1.90
20250718T090039.0001.fits
SecZ=1.23
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.6 14.1
ALT/AZ=54.5 -35.2
fwAVG=1.79
sdW=17.3
fwW=1.58
sdS=94.9
fwS=1.73
0 0 0 0 0 0 0 0 0

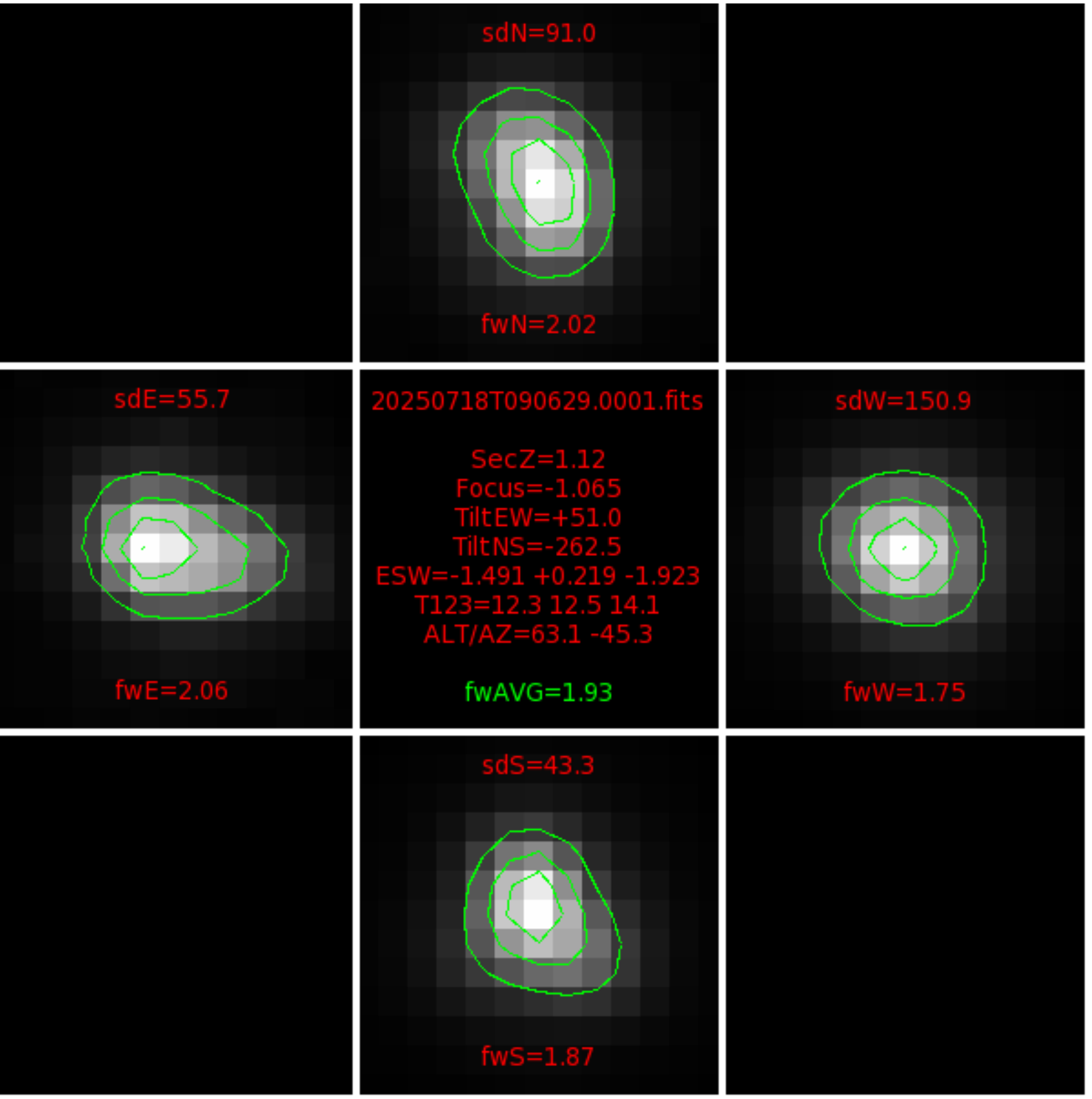

sdN=210.8
fwN=1.85
sdE=177.4
fwE=2.06
20250718T090207.0001.fits
SecZ=1.23
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.6 14.1
ALT/AZ=54.4 -35.4
fwAVG=1.86
sdW=32.4
fwW=1.67
sdS=139.4
fwS=1.86
0 0 0 0 0 0 0 0 0

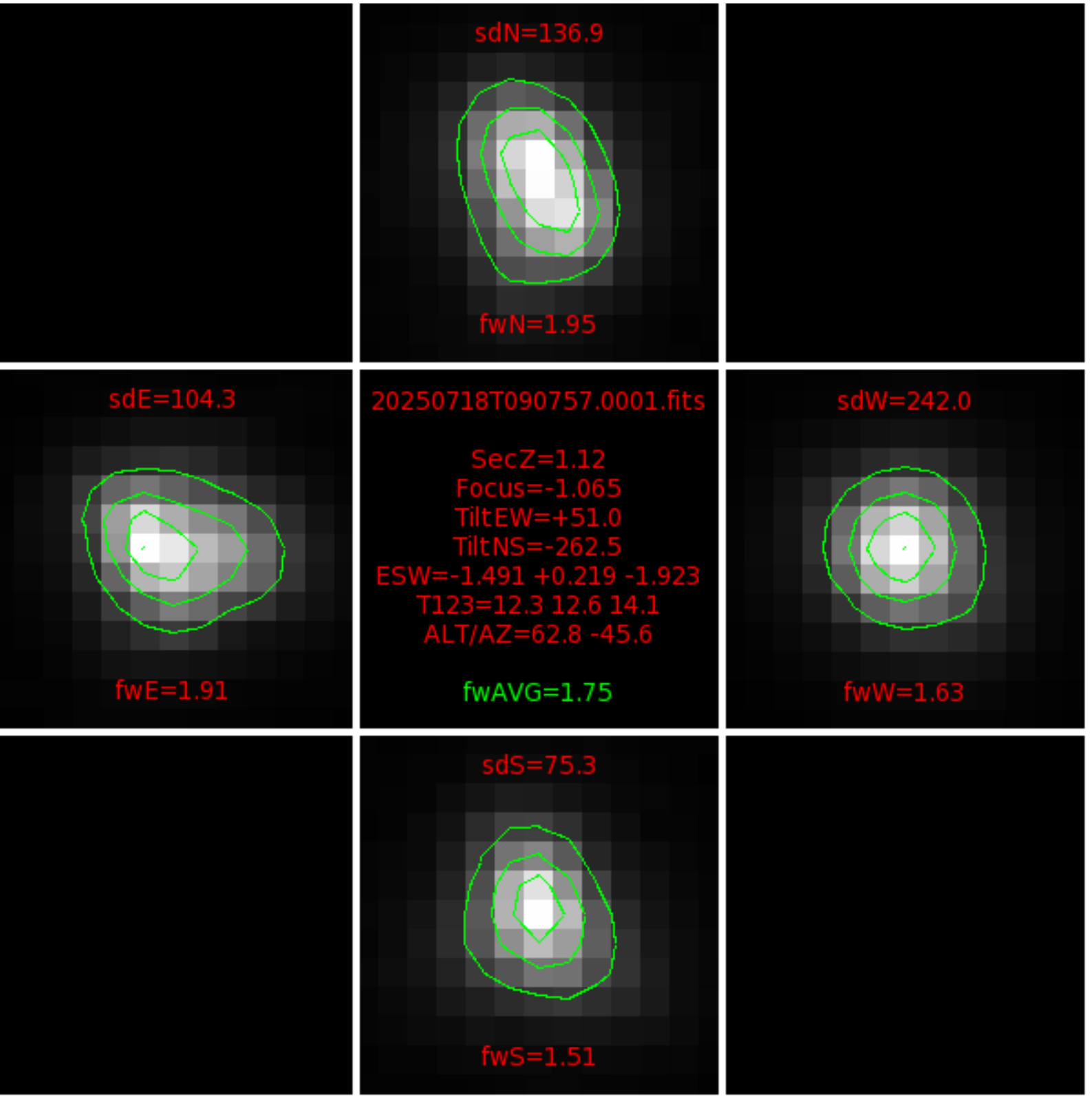

sdN=264.6
fwN=1.64
sdE=213.3
fwE=1.85
20250718T090234.0001.fits
SecZ=1.23
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.6 14.1
ALT/AZ=54.3 -35.5
fwAVG=1.66
sdW=56.7
fwW=1.43
sdS=193.6
fwS=1.71
0 0 0 0 0 0 0 0 0

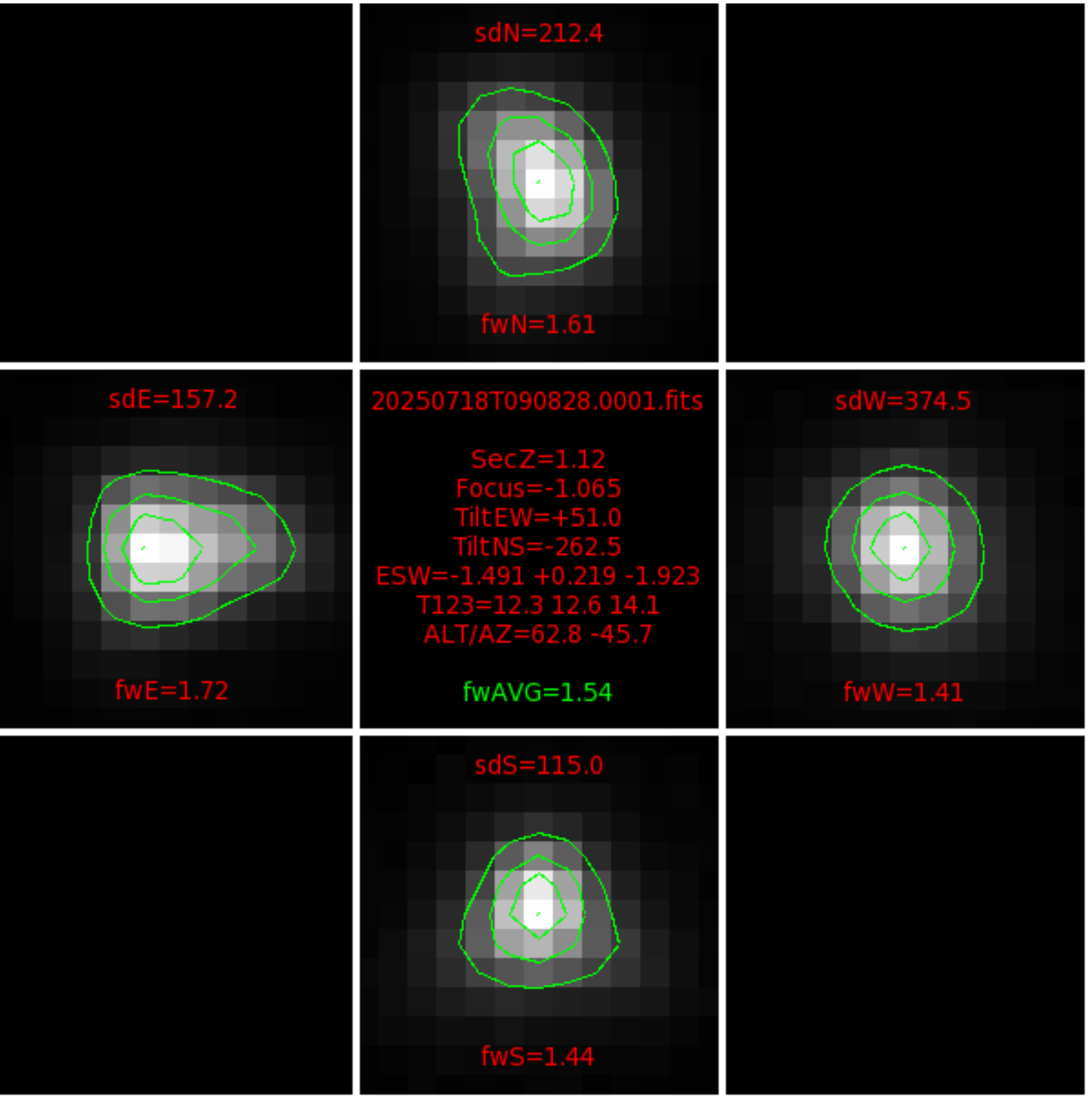

sdN=227.3
fwN=1.54
sdE=177.7
fwE=1.85
20250718T090403.0001.fits
SecZ=1.12
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.6 14.1
ALT/AZ=63.4 -44.9
fwAVG=1.59
sdW=57.8
fwW=1.36
sdS=157.4
fwS=1.60
0 0 0 0 0 0 0 0 0

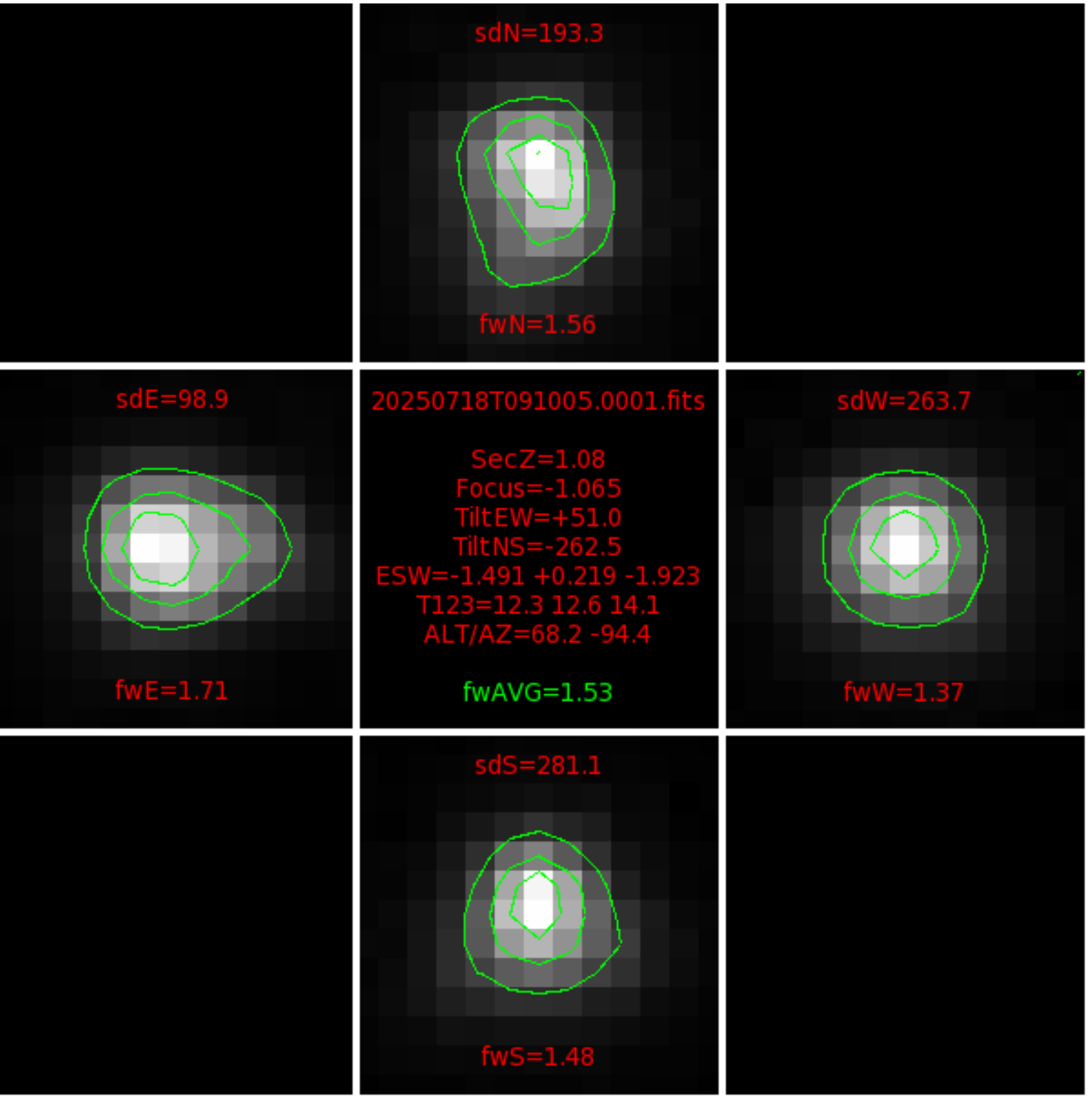

sdN=70.6
fwN=2.22
sdE=38.0
fwE=2.23
20250718T090439.0001.fits
SecZ=1.12
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.6 14.1
ALT/AZ=63.4 -45.0
fwAVG=2.10
sdW=101.5
fwW=1.94
sdS=32.9
fwS=1.99
0 0 0 0 0 0 0 0 0

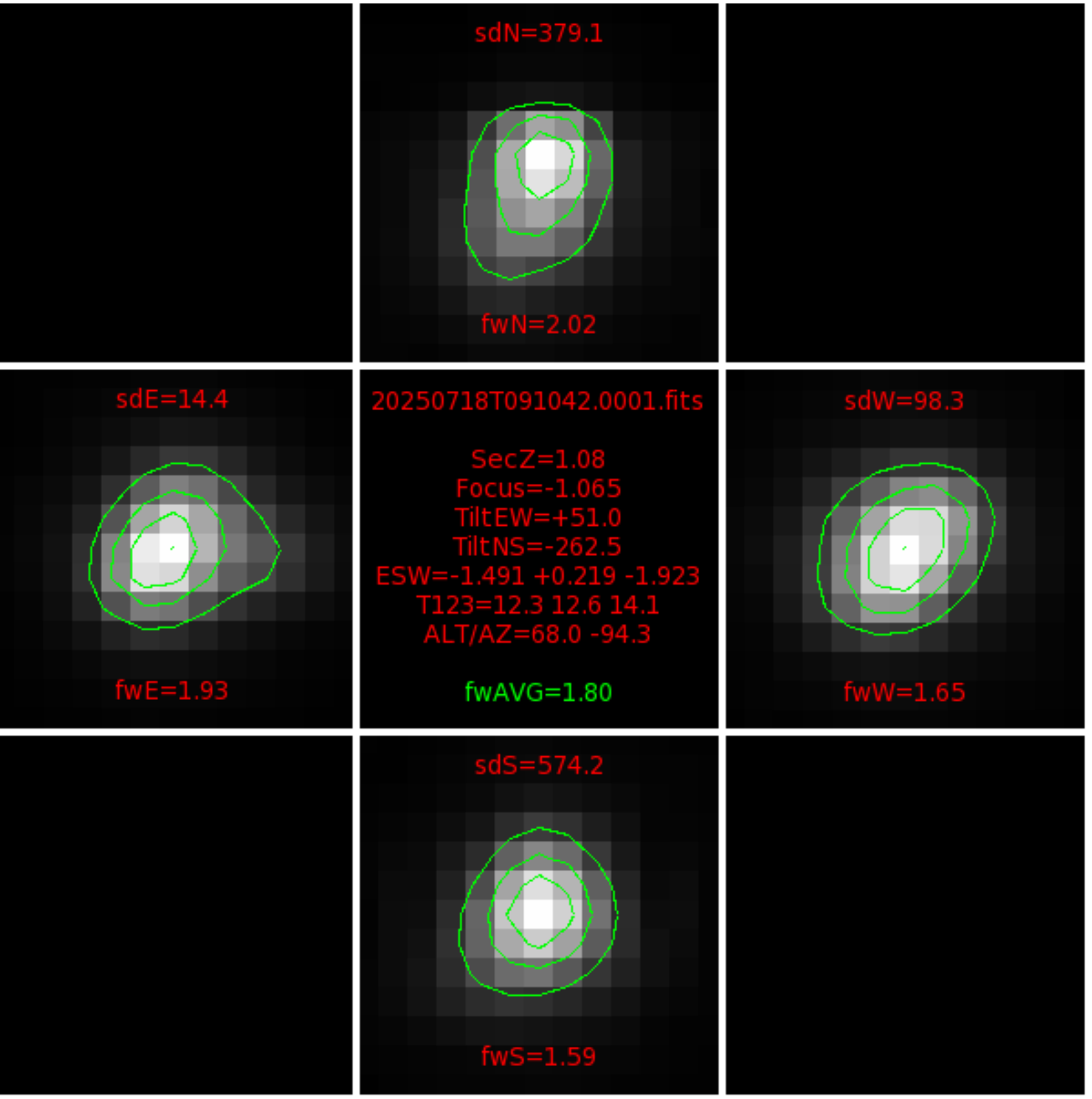

sdN=60.6
fwN=2.16
sdE=39.0
fwE=2.17
20250718T090600.0001.fits
SecZ=1.12
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.5 14.1
ALT/AZ=63.1 -45.2
fwAVG=2.07
sdW=87.7
fwW=1.95
sdS=27.9
fwS=2.01
0 0 0 0 0 0 0 0 0

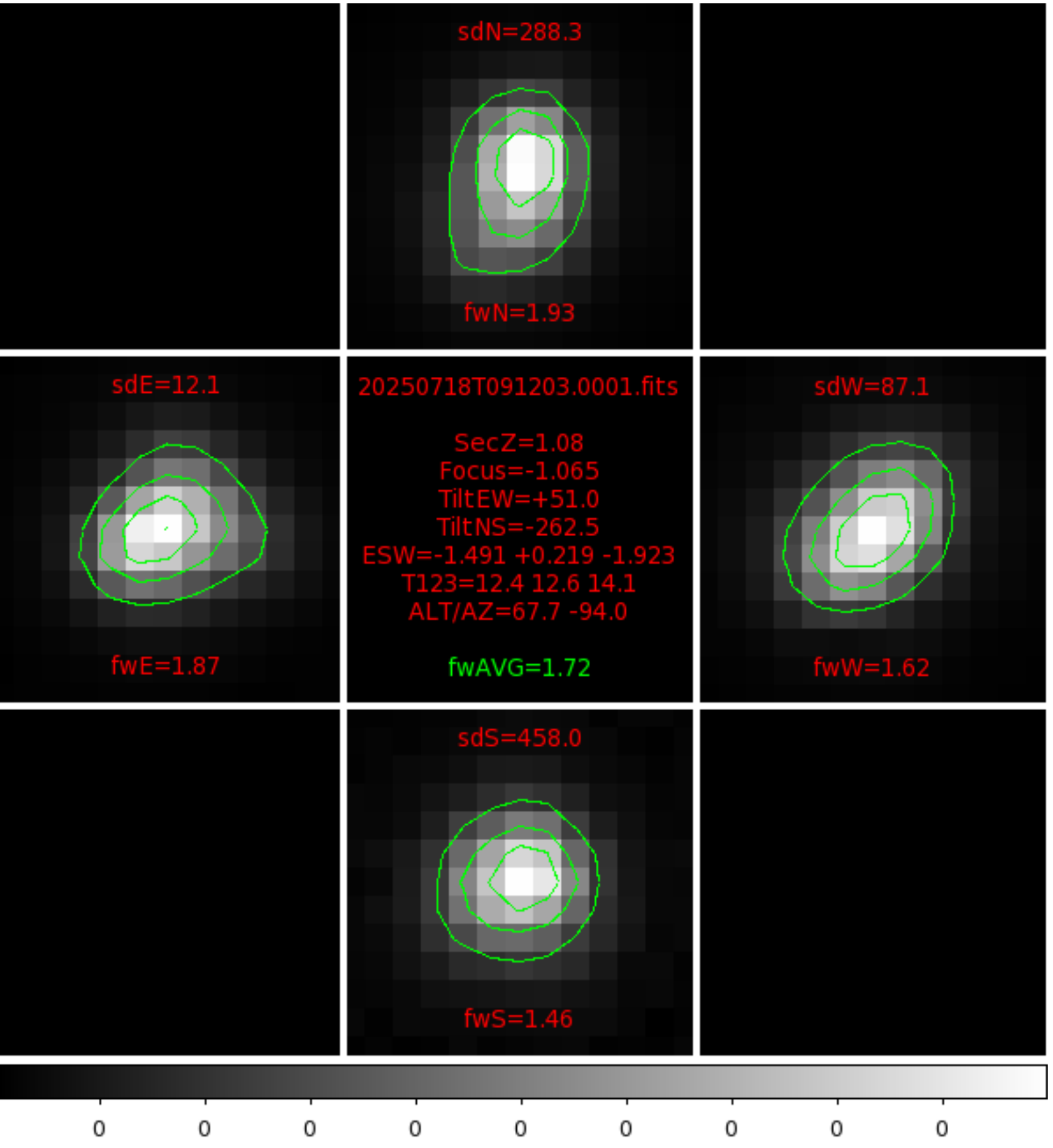

sdN=91.0
fwN=2.02
sdE=55.7
fwE=2.06
20250718T090629.0001.fits
SecZ=1.12
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.5 14.1
ALT/AZ=63.1 -45.3
fwAVG=1.93
sdW=150.9
fwW=1.75
sdS=43.3
fwS=1.87
0 0 0 0 0 0 0 0 0

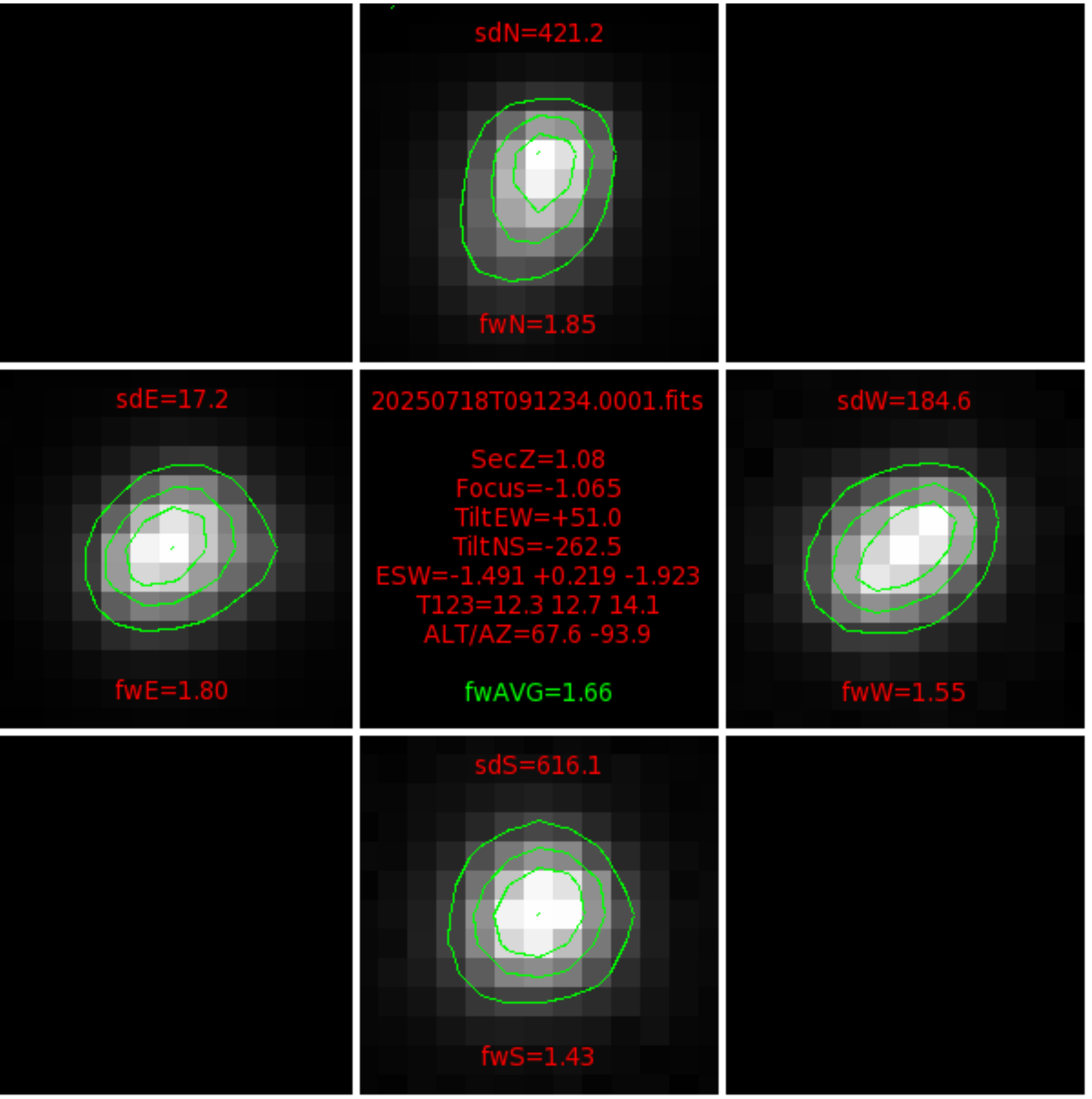

sdN=136.9
fwN=1.95
sdE=104.3
fwE=1.91
20250718T090757.0001.fits
SecZ=1.12
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.6 14.1
ALT/AZ=62.8 -45.6
fwAVG=1.75
sdW=242.0
fwW=1.63
sdS=75.3
fwS=1.51
0 0 0 0 0 0 0 0 0

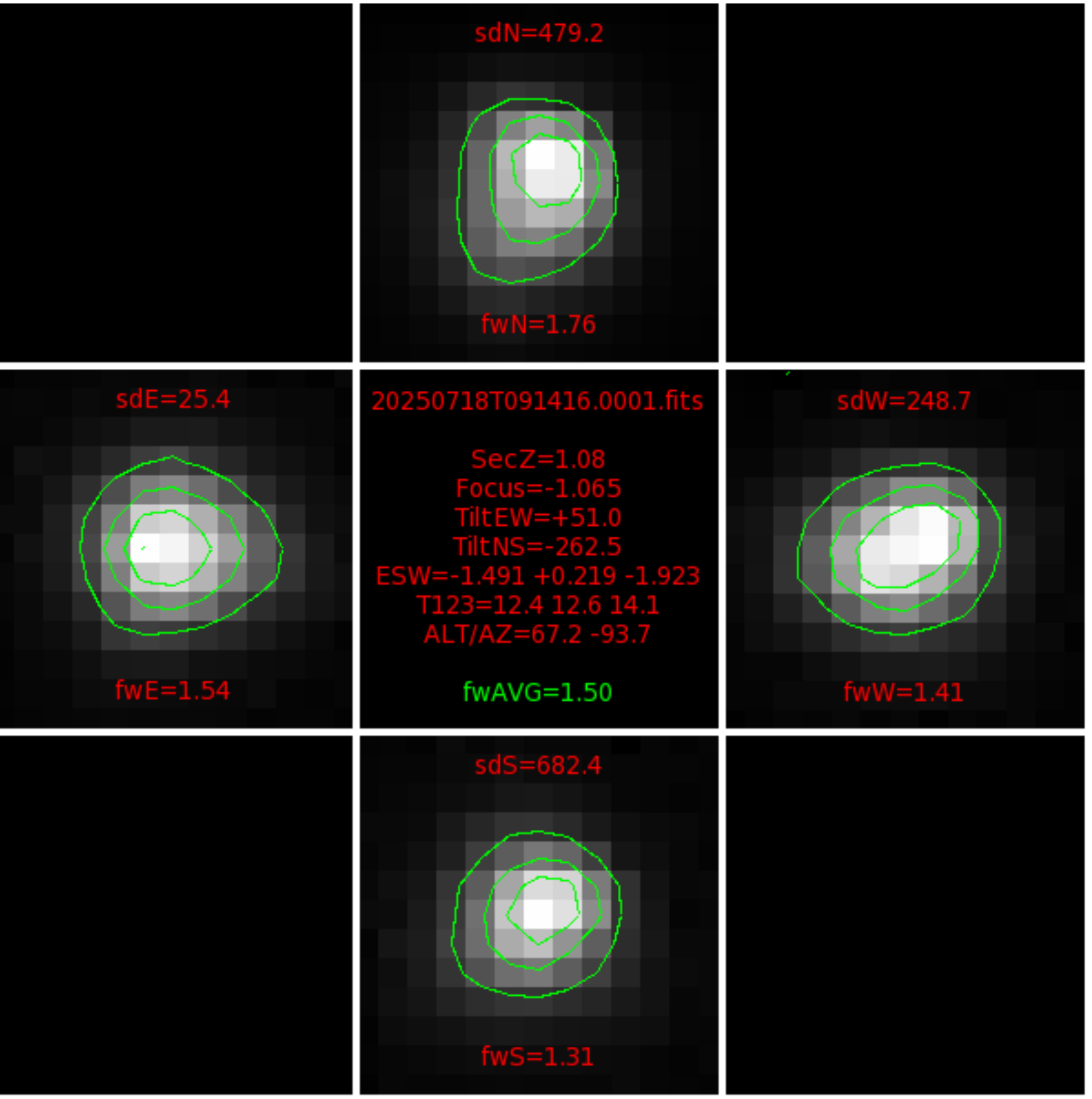

sdN=212.4
fwN=1.61
sdE=157.2
fwE=1.72
20250718T090828.0001.fits
SecZ=1.12
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.6 14.1
ALT/AZ=62.8 -45.7
fwAVG=1.54
sdW=374.5
fwW=1.41
sdS=115.0
fwS=1.44
0 0 0 0 0 0 0 0 0

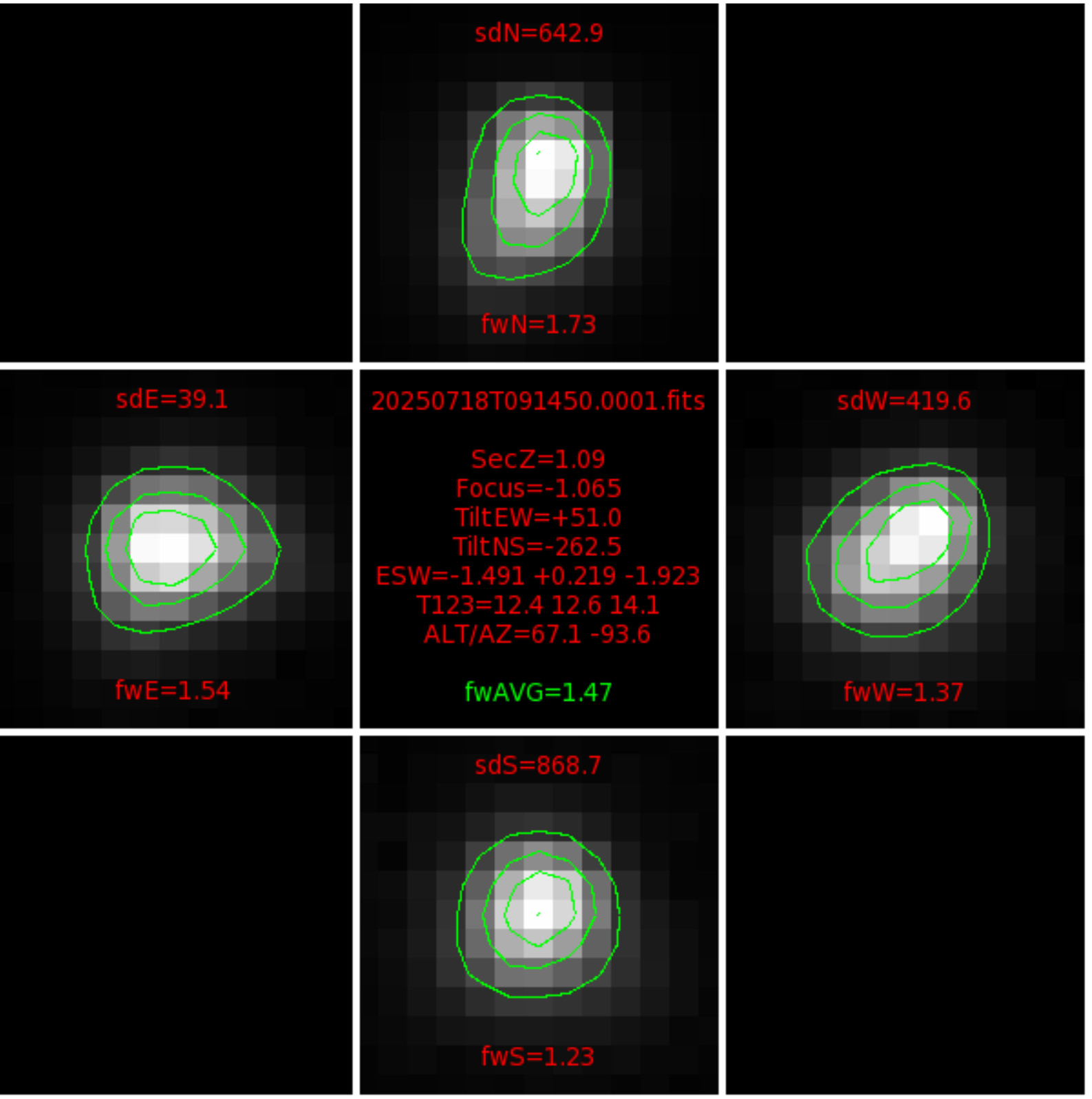

sdN=193.3
fwN=1.56
sdE=98.9
fwE=1.71
20250718T091005.0001.fits
SecZ=1.08
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.6 14.1
ALT/AZ=68.2 -94.4
fwAVG=1.53
sdW=263.7
fwW=1.37
sdS=281.1
fwS=1.48
0 0 0 0 0 0 0 0 0

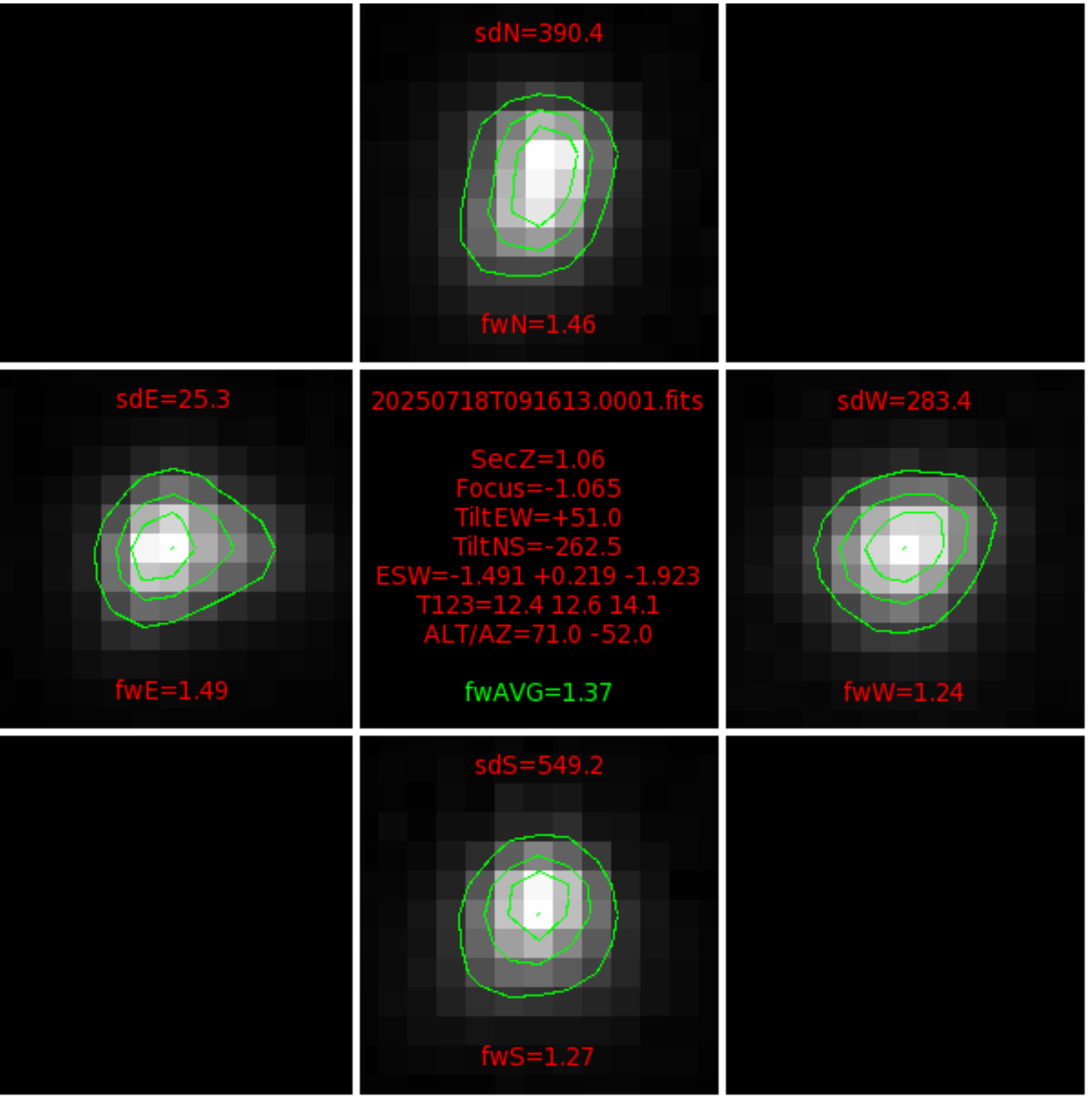

sdN=379.1
fwN=2.02
sdE=14.4
fwE=1.93
20250718T091042.0001.fits
SecZ=1.08
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.6 14.1
ALT/AZ=68.0 -94.3
fwAVG=1.80
sdW=98.3
fwW=1.65
sdS=574.2
fwS=1.59
0 0 0 0 0 0 0 0 0

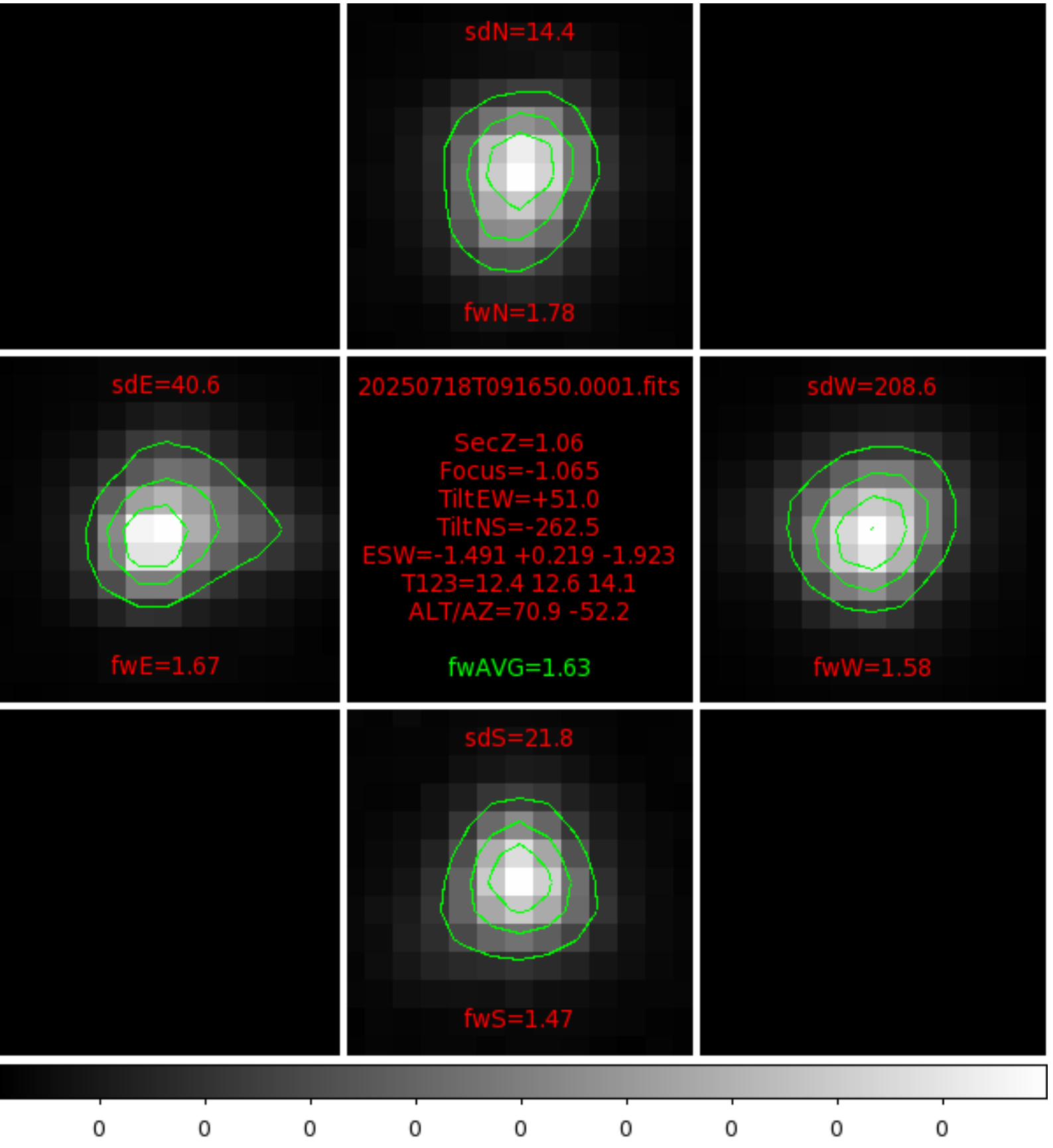

sdN=288.3
fwN=1.93
sdE=12.1
fwE=1.87
20250718T091203.0001.fits
SecZ=1.08
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.6 14.1
ALT/AZ=67.7 -94.0
fwAVG=1.72
sdW=87.1
fwW=1.62
sdS=458.0
fwS=1.46
0 0 0 0 0 0 0 0 0

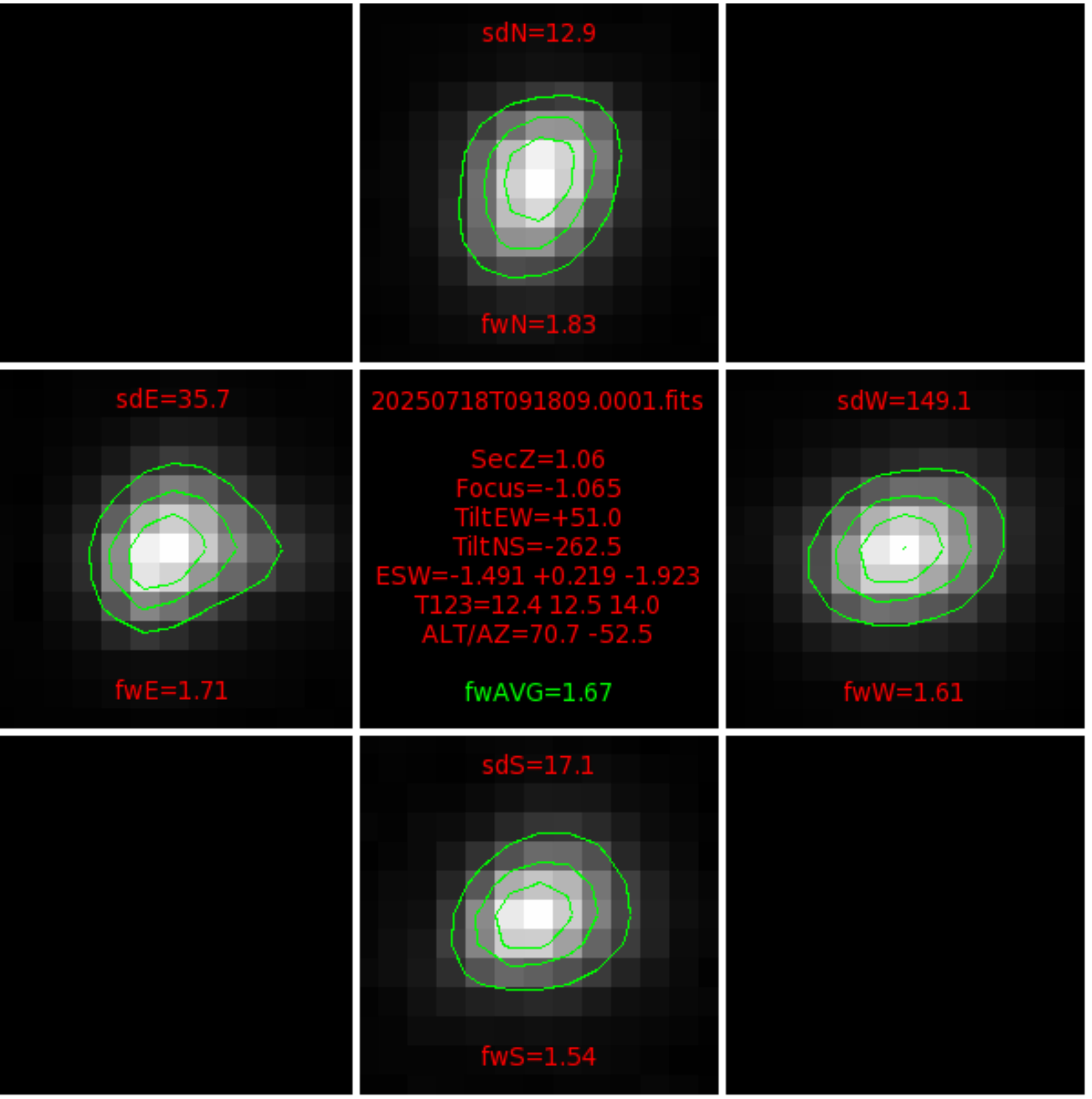

sdN=421.2
fwN=1.85
sdE=17.2
fwE=1.80
20250718T091234.0001.fits
SecZ=1.08
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.7 14.1
ALT/AZ=67.6 -93.9
fwAVG=1.66
sdW=184.6
fwW=1.55
sdS=616.1
fwS=1.43
0 0 0 0 0 0 0 0 0


sdN=479.2
fwN=1.76
sdE=25.4
fwE=1.54
20250718T091416.0001.fits
SecZ=1.08
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.6 14.1
ALT/AZ=67.2 -93.7
fwAVG=1.50
sdW=248.7
fwW=1.41
sdS=682.4
fwS=1.31
0 0 0 0 0 0 0 0 0


sdN=642.9
fwN=1.73
sdE=39.1
fwE=1.54
20250718T091450.0001.fits
SecZ=1.09
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.6 14.1
ALT/AZ=67.1 -93.6
fwAVG=1.47
sdW=419.6
fwW=1.37
sdS=868.7
fwS=1.23
0 0 0 0 0 0 0 0 0


sdN=390.4
fwN=1.46
sdE=25.3
fwE=1.49
20250718T091613.0001.fits
SecZ=1.06
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.6 14.1
ALT/AZ=71.0 -52.0
fwAVG=1.37
sdW=283.4
fwW=1.24
sdS=549.2
fwS=1.27
0 0 0 0 0 0 0 0 0


sdN=14.4
fwN=1.78
sdE=40.6
fwE=1.67
20250718T091650.0001.fits
SecZ=1.06
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.6 14.1
ALT/AZ=70.9 -52.2
fwAVG=1.63
sdW=208.6
fwW=1.58
sdS=21.8
fwS=1.47
0 0 0 0 0 0 0 0 0


sdN=12.9
fwN=1.83
sdE=35.7
fwE=1.71
20250718T091809.0001.fits
SecZ=1.06
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.5 14.0
ALT/AZ=70.7 -52.5
fwAVG=1.67
sdW=149.1
fwW=1.61
sdS=17.1
fwS=1.54
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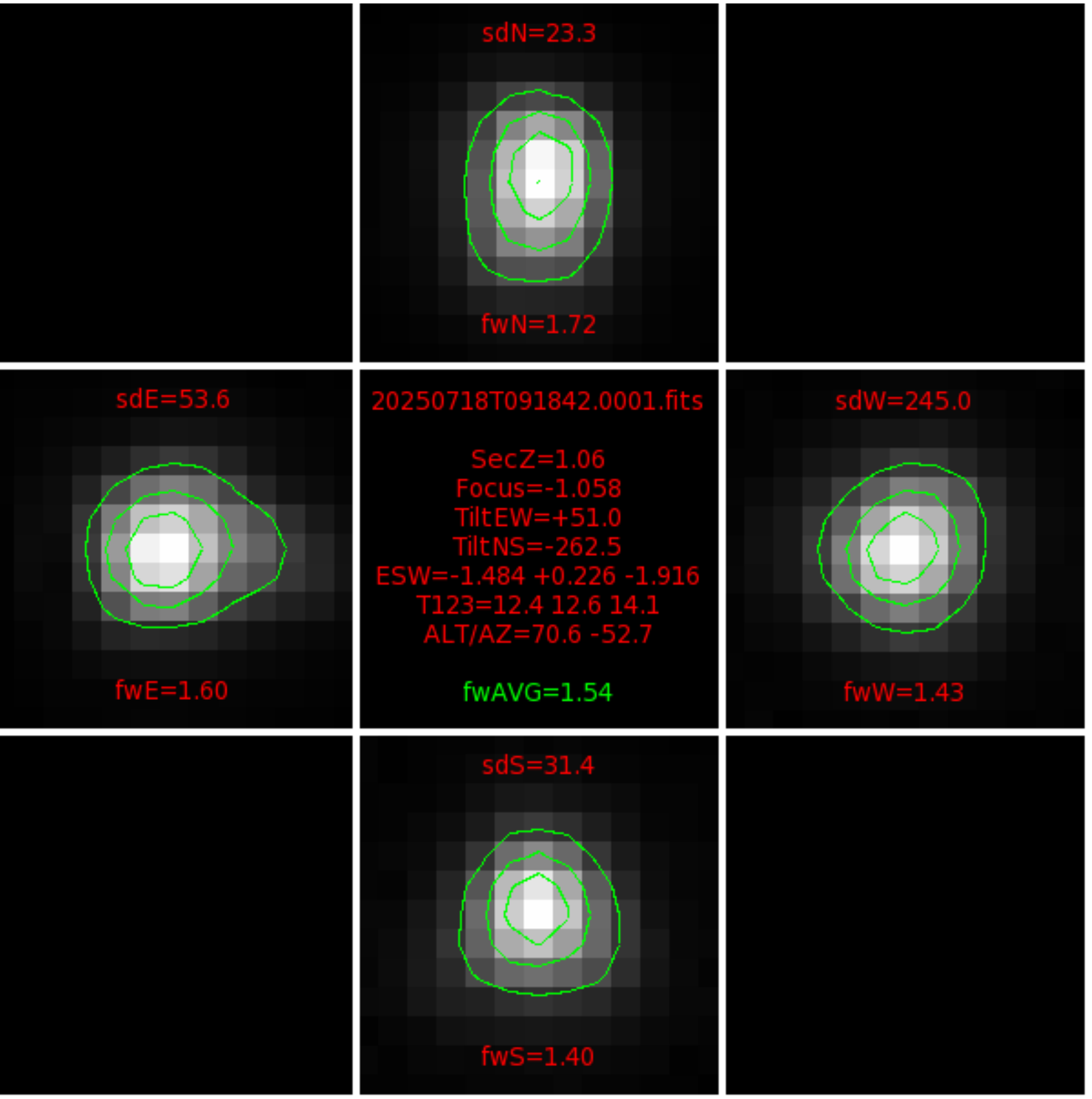
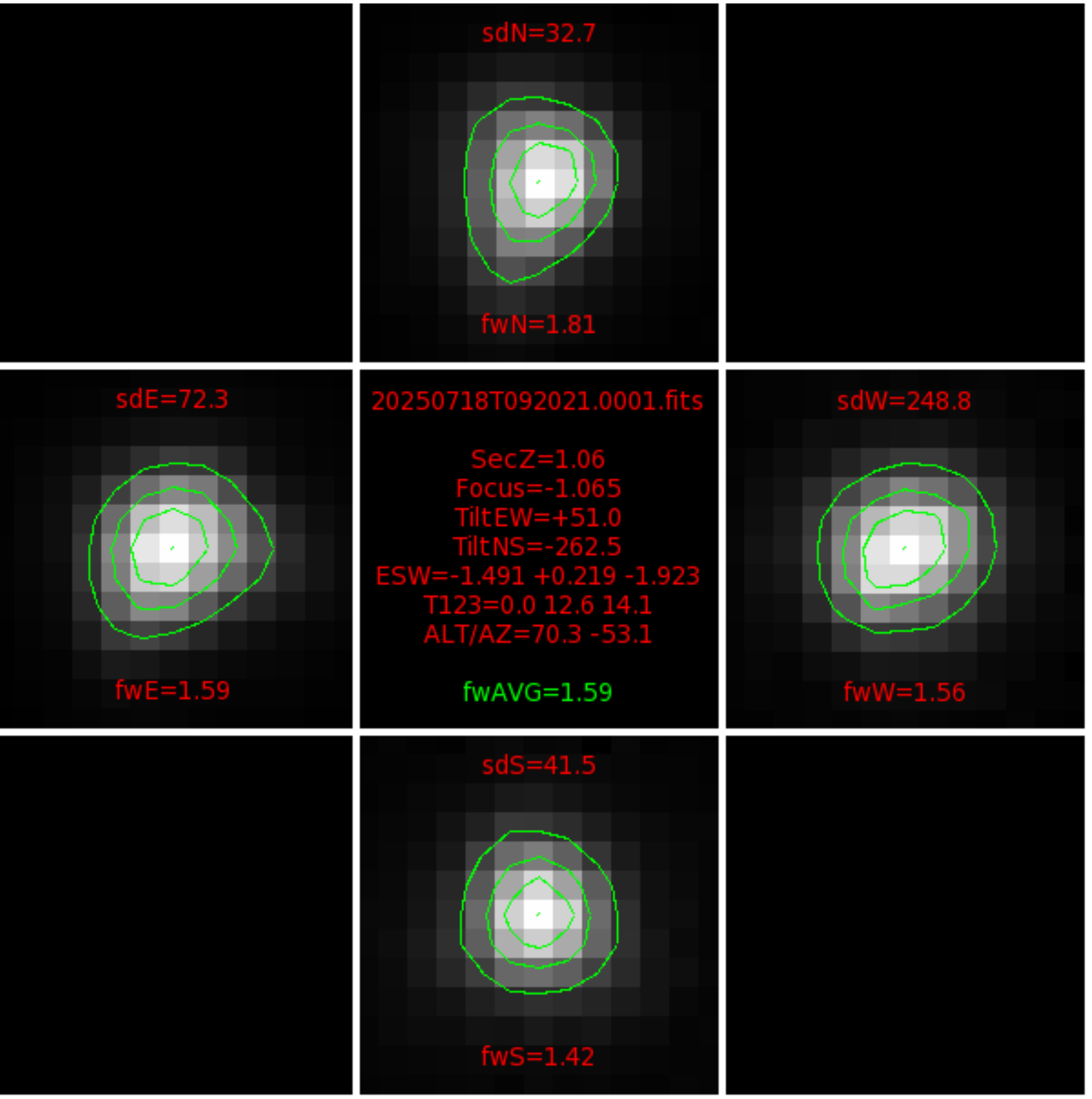

sdN=23.3
fwN=1.72
sdE=53.6
fwE=1.60
20250718T091842.0001.fits
SecZ=1.06
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.4 12.6 14.1
ALT/AZ=70.6 -52.7
fwAVG=1.54
sdW=245.0
fwW=1.43
sdS=31.4
fwS=1.40
0 0 0 0 0 0 0 0 0


sdN=32.7
fwN=1.81
sdE=72.3
fwE=1.59
20250718T092021.0001.fits
SecZ=1.06
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=0.0 12.6 14.1
ALT/AZ=70.3 -53.1
fwAVG=1.59
sdW=248.8
fwW=1.56
sdS=41.5
fwS=1.42
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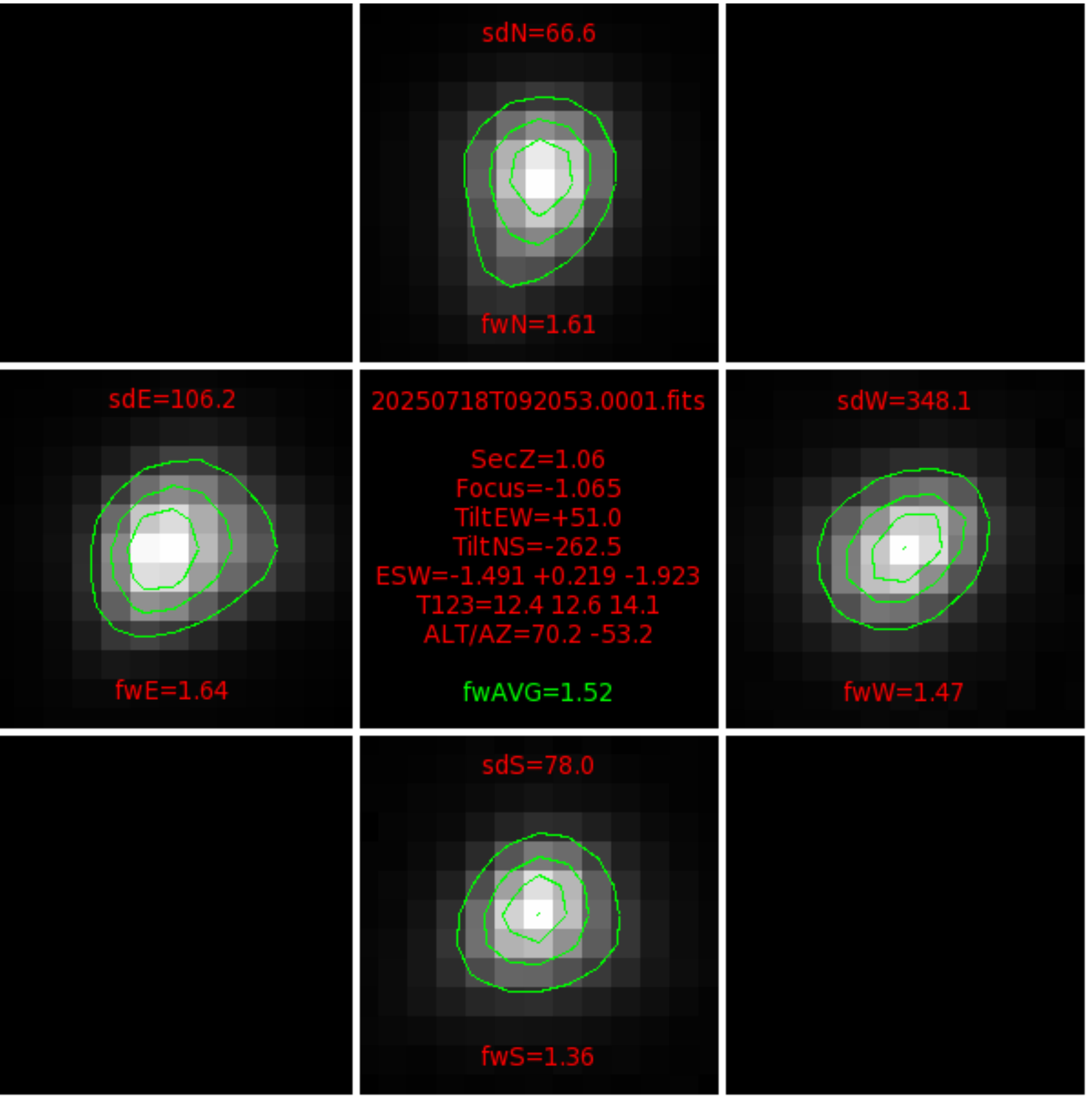
sdN=66.6
fwN=1.61
sdE=106.2
fwE=1.64
20250718T092053.0001.fits
SecZ=1.06
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.6 14.1
ALT/AZ=70.2 -53.2
fwAVG=1.52
sdW=348.1
fwW=1.47
sdS=78.0
fwS=1.36
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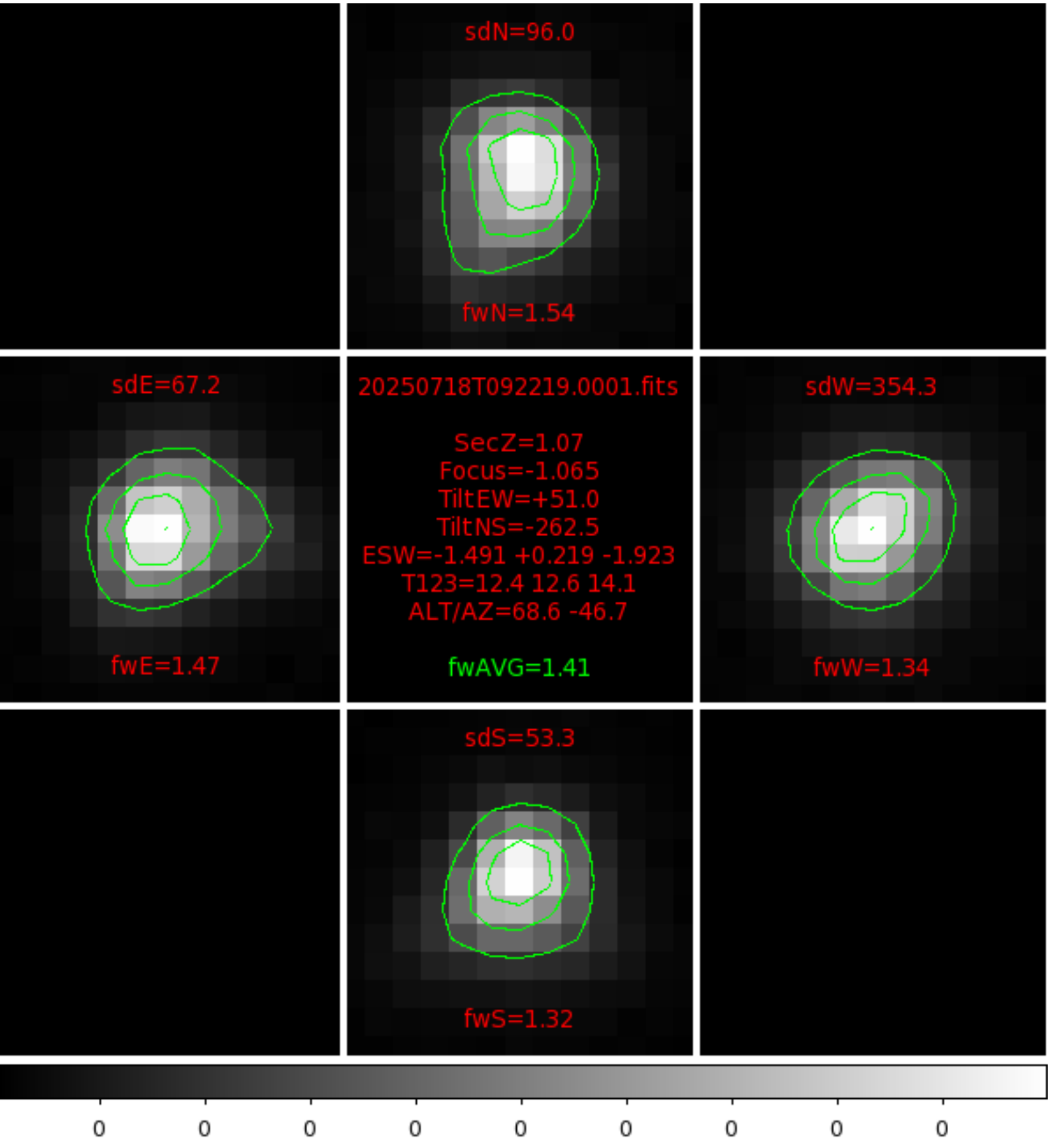
sdN=96.0
fwN=1.54
sdE=67.2
fwE=1.47
20250718T092219.0001.fits
SecZ=1.07
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.6 14.1
ALT/AZ=68.6 -46.7
fwAVG=1.41
sdW=354.3
fwW=1.34
sdS=53.3
fwS=1.32
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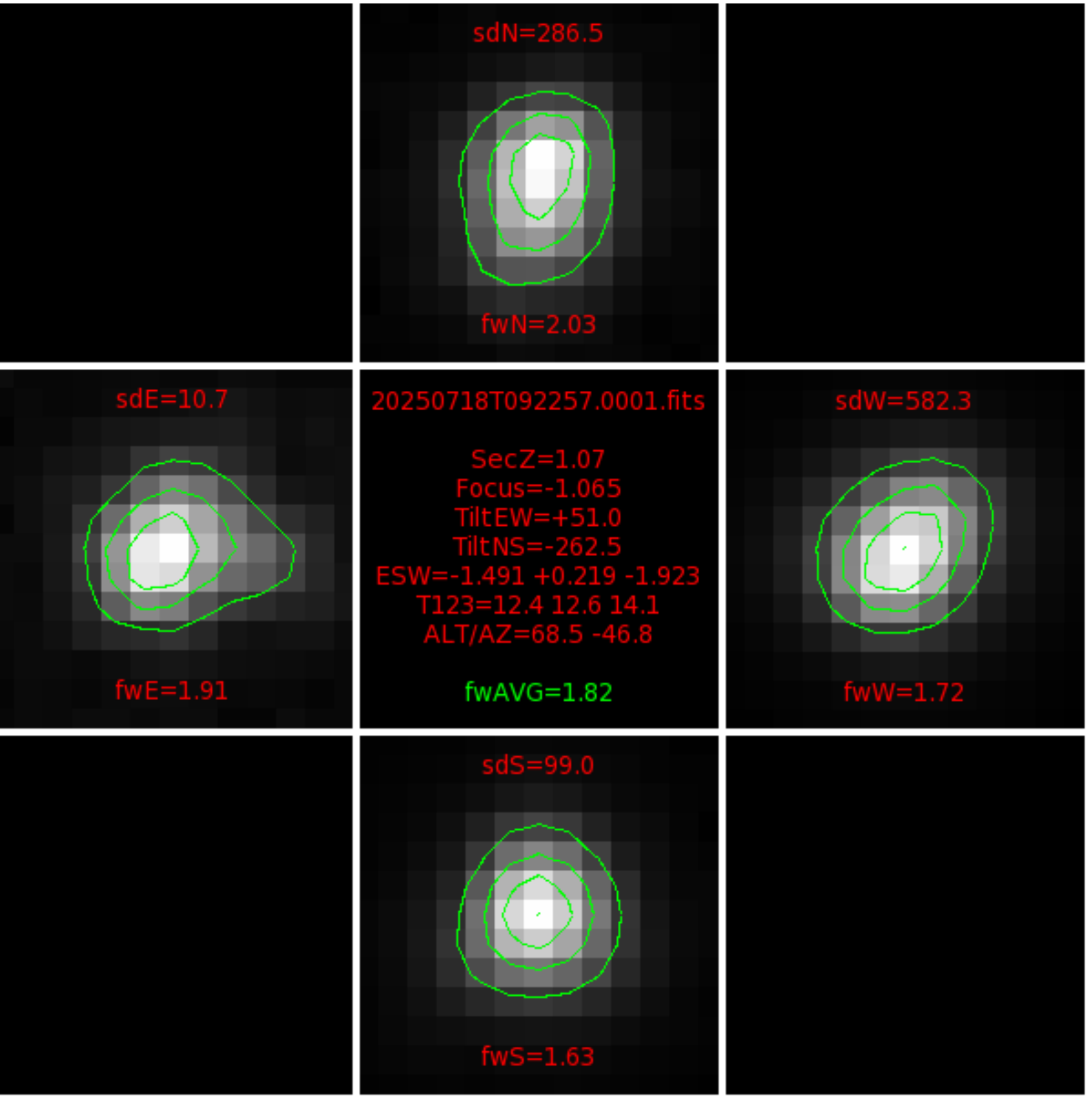
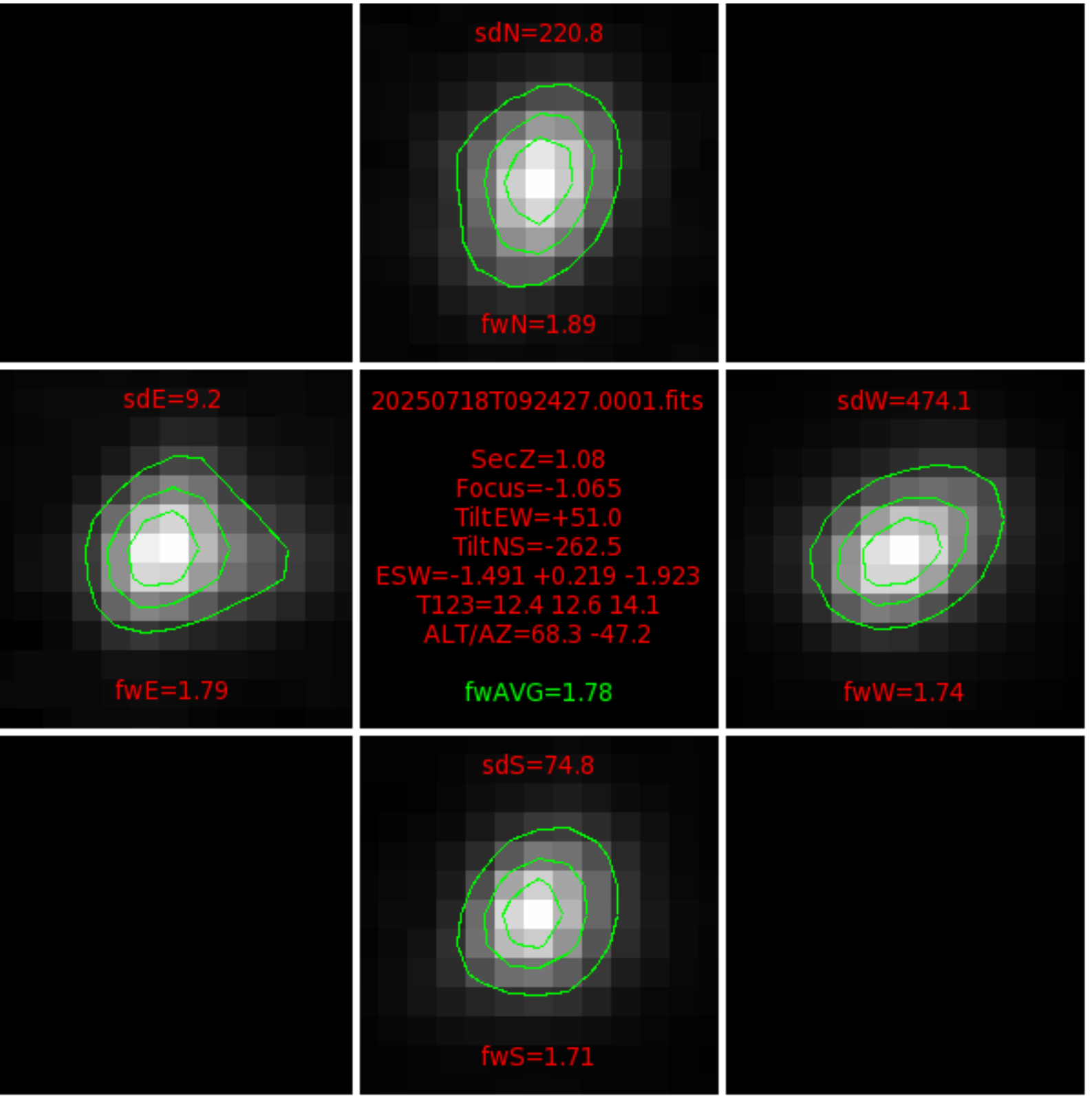

sdN=286.5
fwN=2.03
sdE=10.7
fwE=1.91
20250718T092257.0001.fits
SecZ=1.07
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.6 14.1
ALT/AZ=68.5 -46.8
fwAVG=1.82
sdW=582.3
fwW=1.72
sdS=99.0
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=220.8
fwN=1.89
sdE=9.2
fwE=1.79
20250718T092427.0001.fits
SecZ=1.08
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.4 12.6 14.1
ALT/AZ=68.3 -47.2
fwAVG=1.78
sdW=474.1
fwW=1.74
sdS=74.8
fwS=1.71
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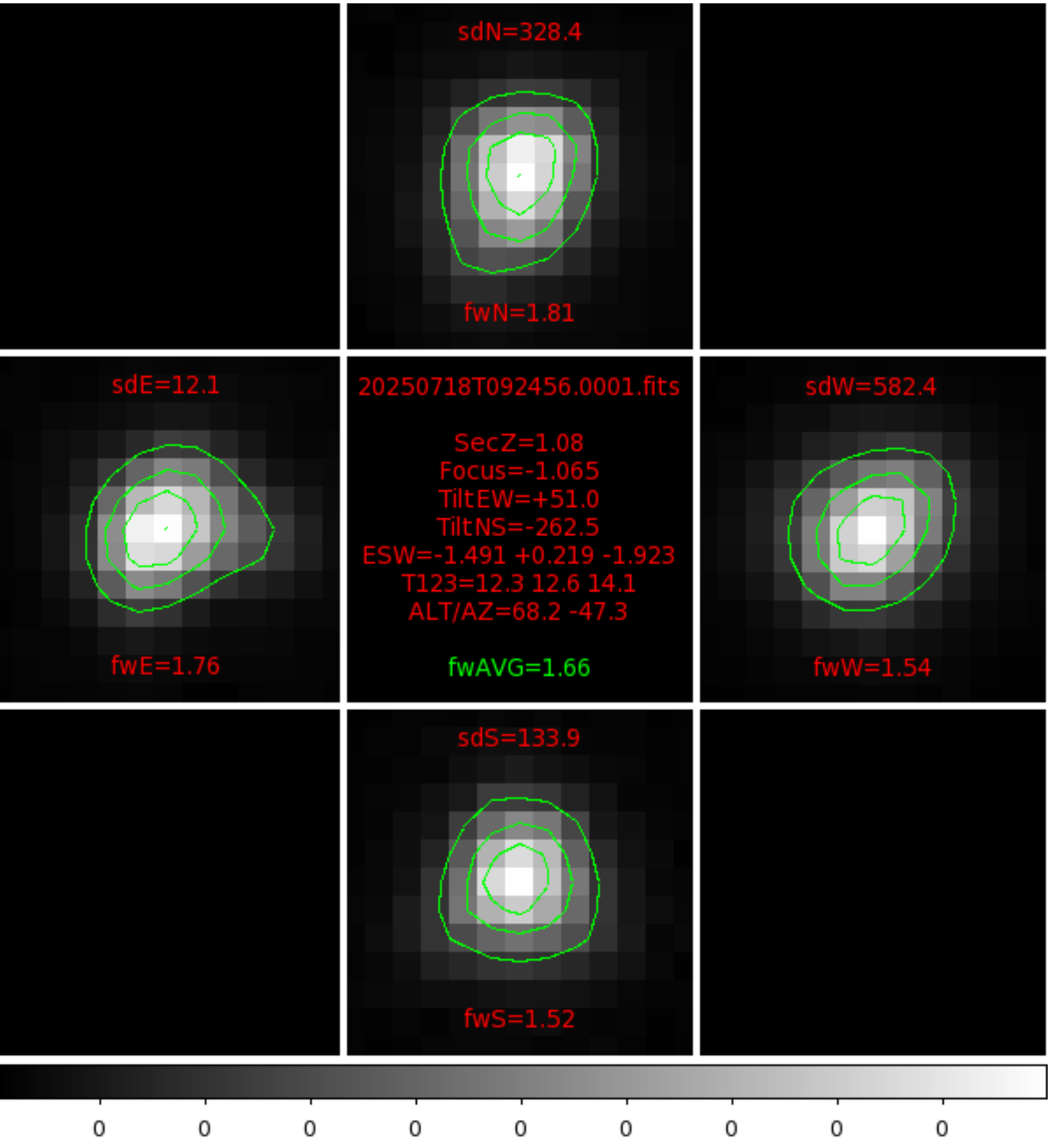
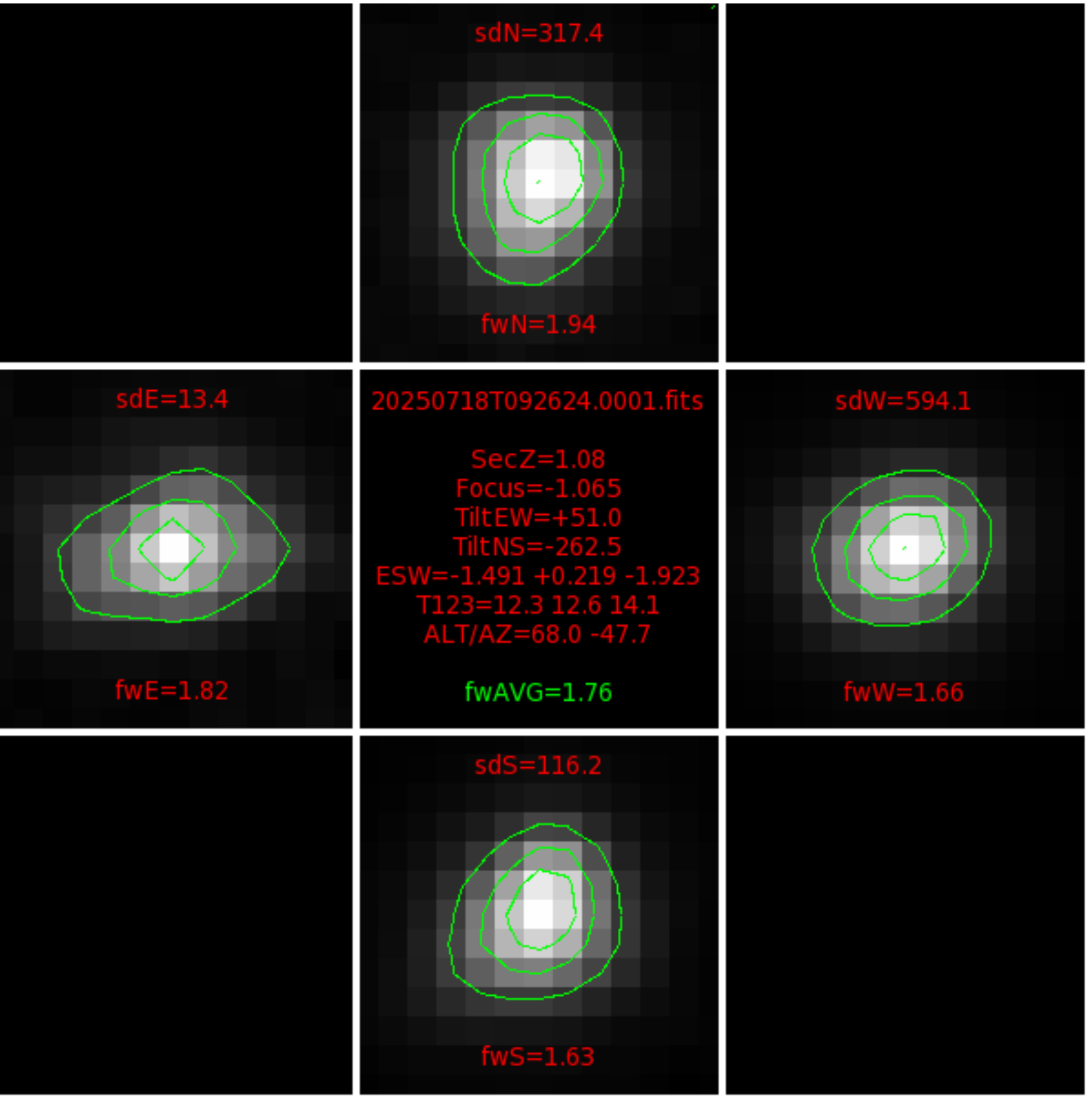
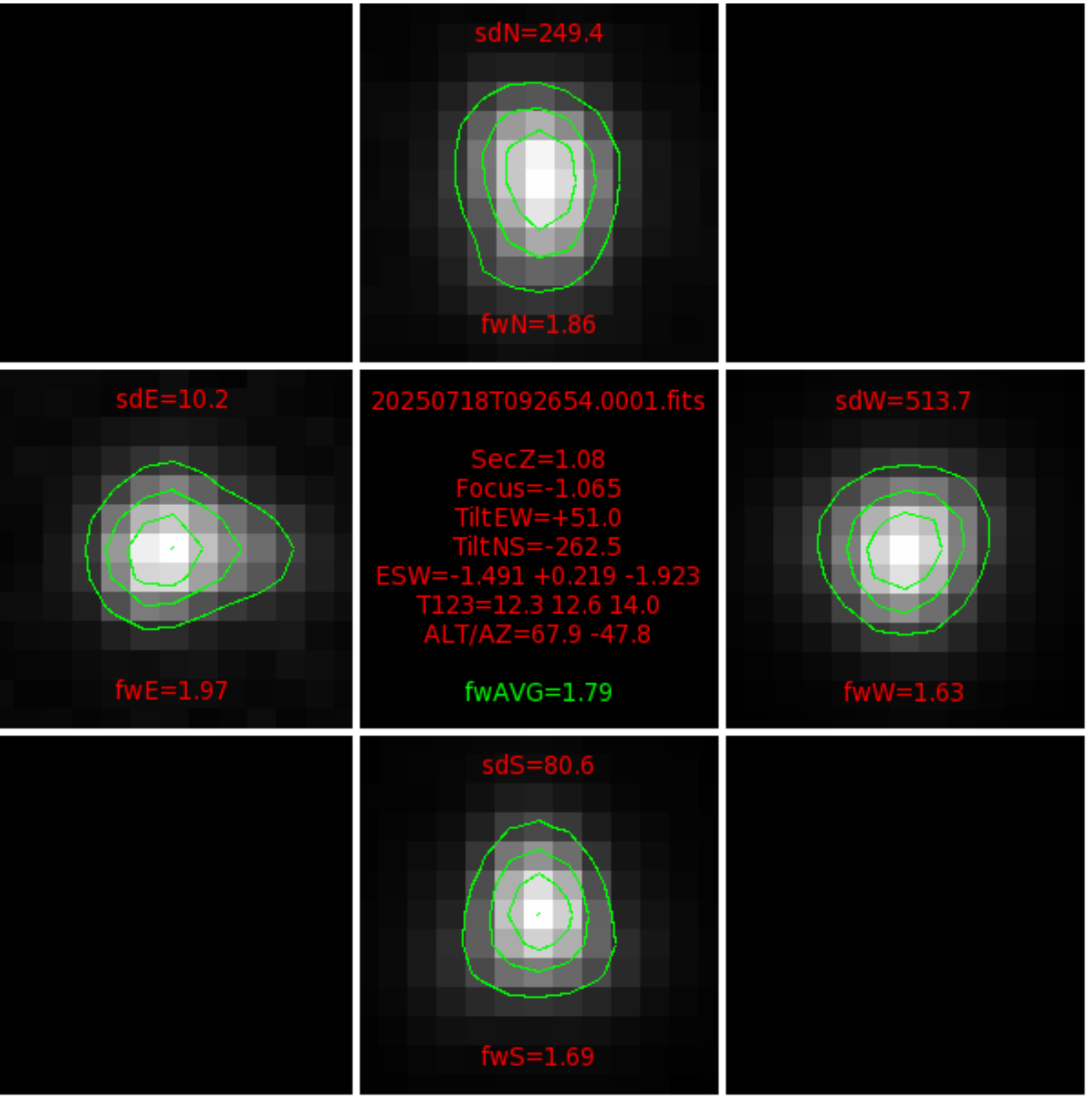
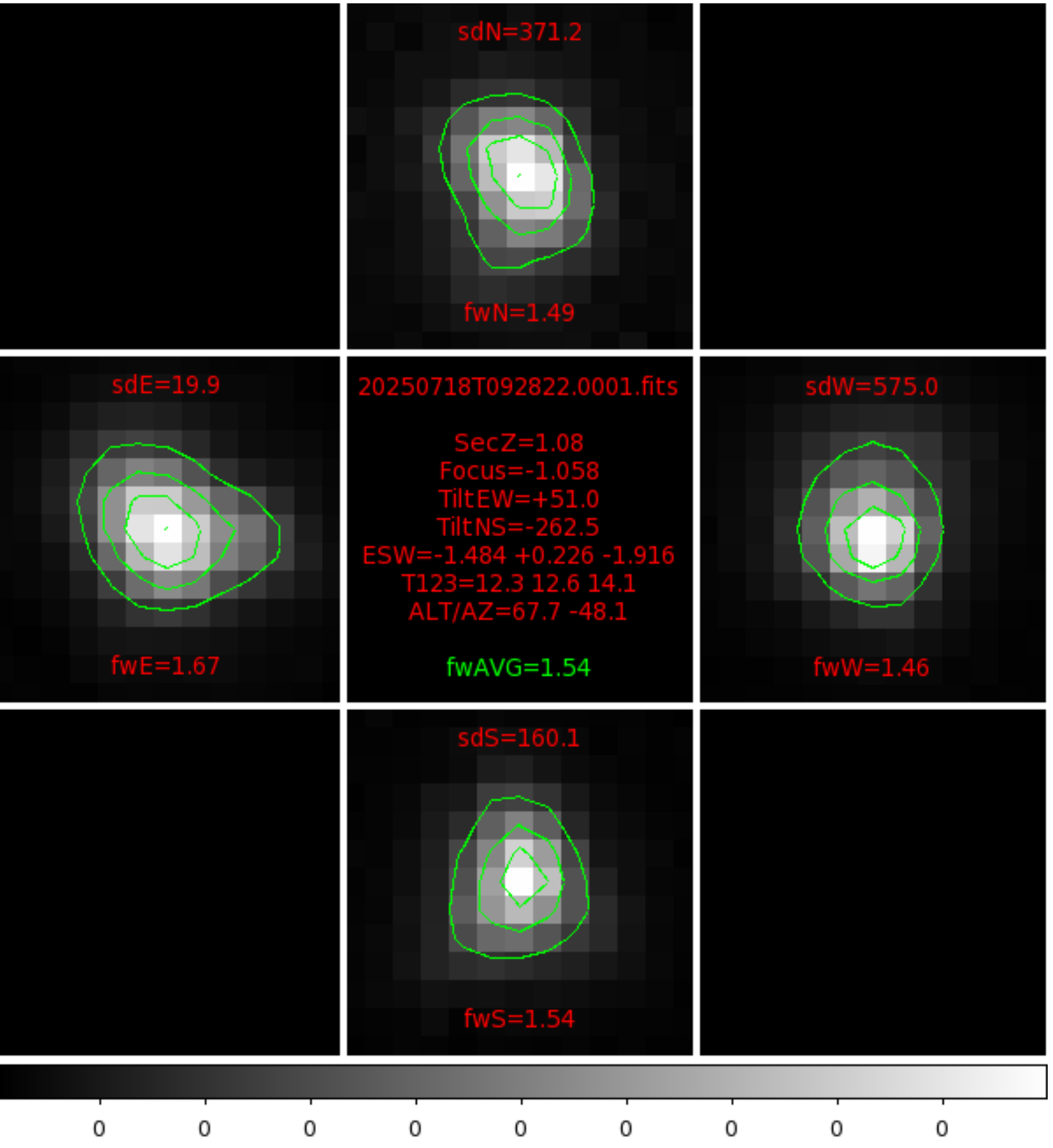
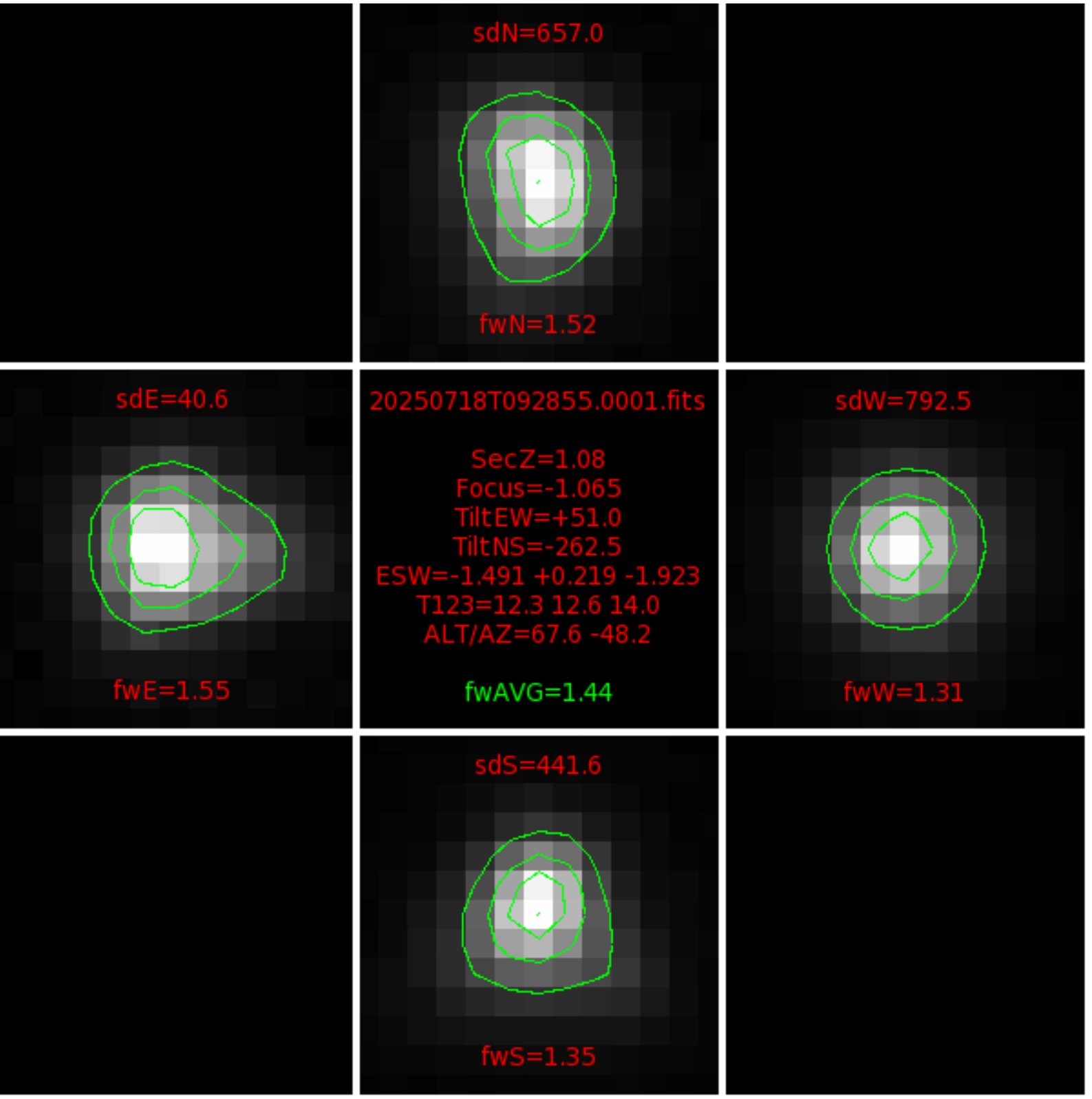
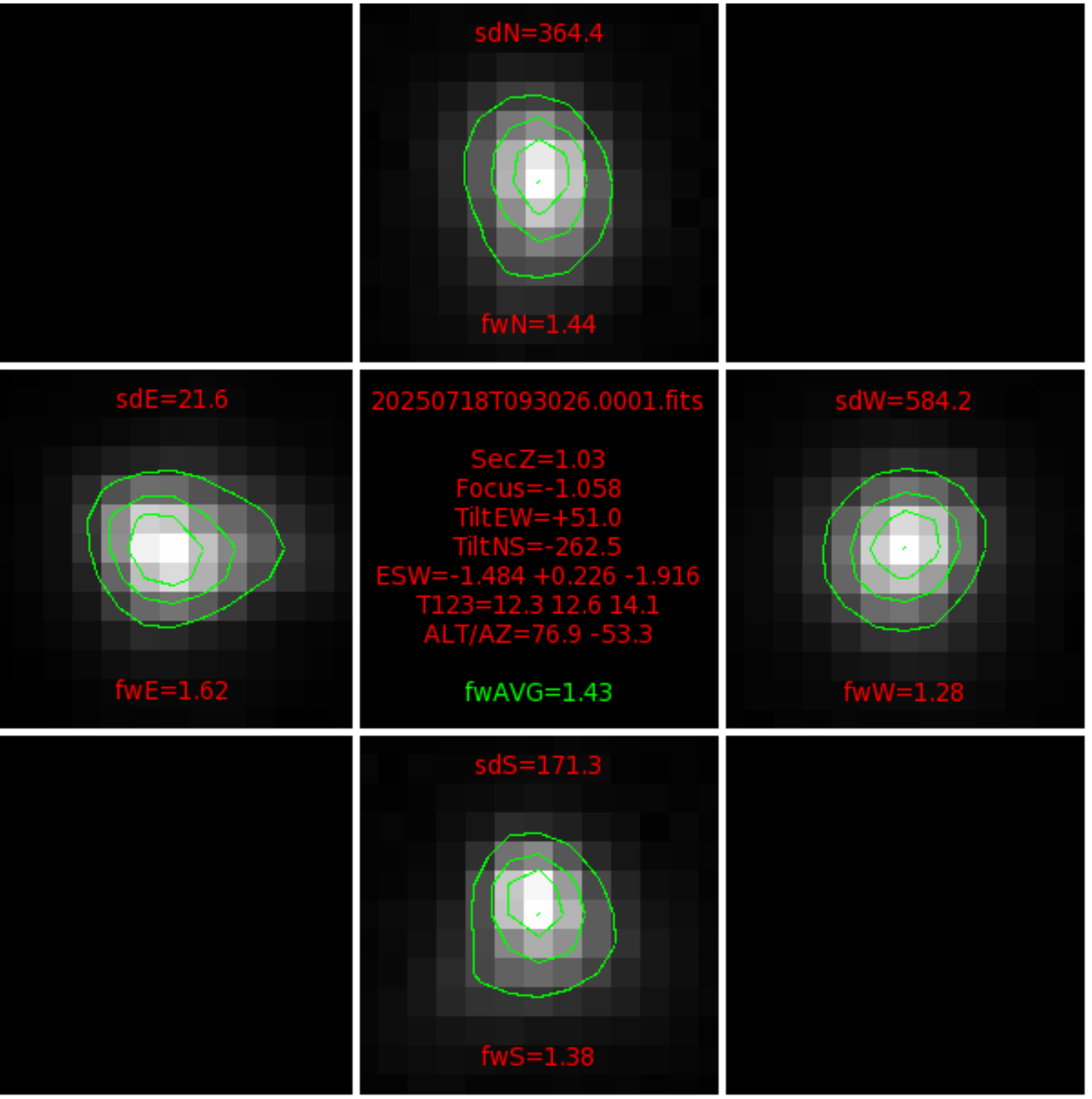

sdN=328.4
fwN=1.81
sdE=12.1
fwE=1.76
20250718T092456.0001.fits
SecZ=1.08
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.6 14.1
ALT/AZ=68.2 -47.3
fwAVG=1.66
sdW=582.4
fwW=1.54
sdS=133.9
fwS=1.52
0 0 0 0 0 0 0 0 0

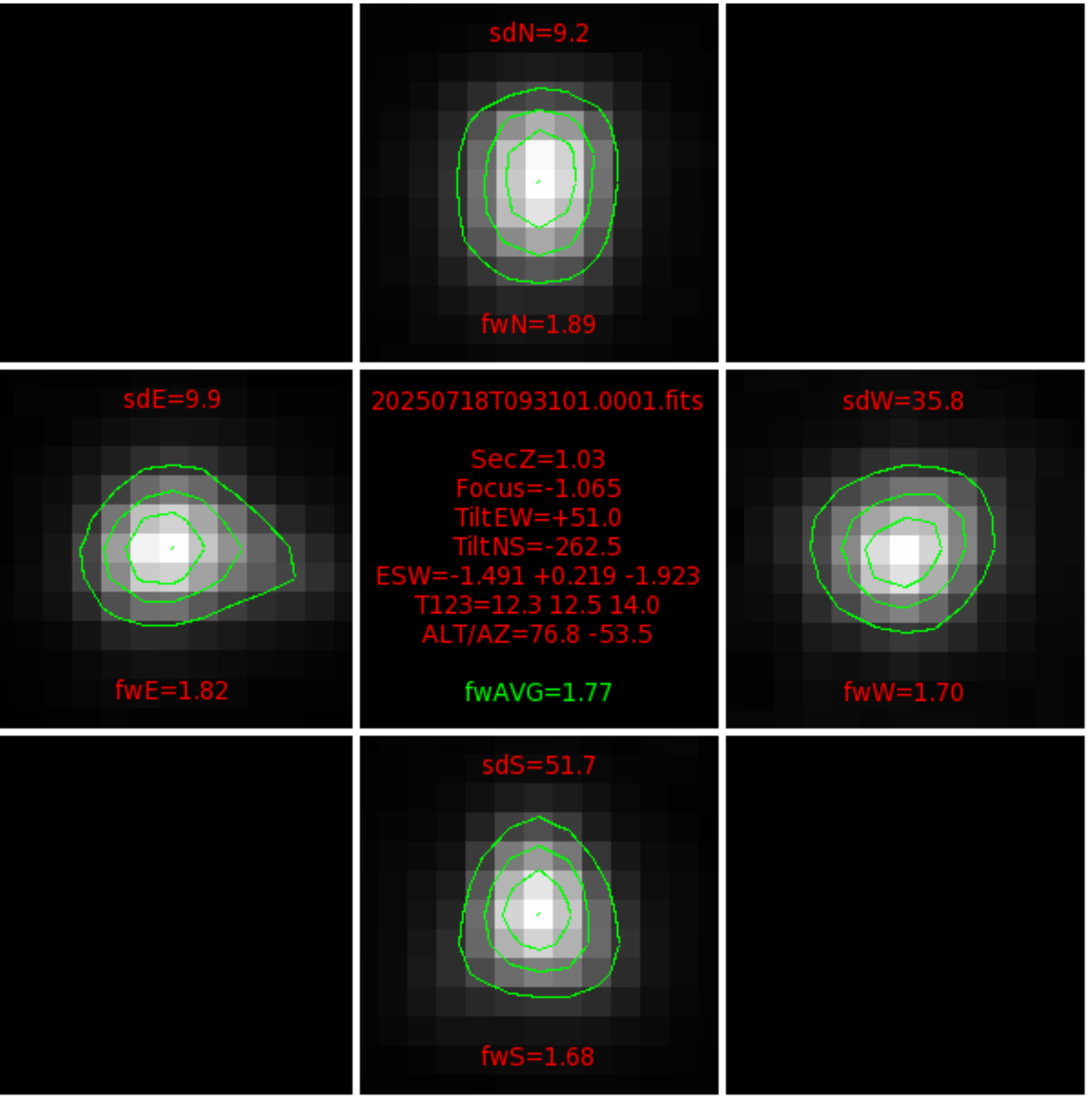

sdN=317.4
fwN=1.94
sdE=13.4
fwE=1.82
20250718T092624.0001.fits
SecZ=1.08
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.6 14.1
ALT/AZ=68.0 -47.7
fwAVG=1.76
sdW=594.1
fwW=1.66
sdS=116.2
fwS=1.63
0 0 0 0 0 0 0 0 0

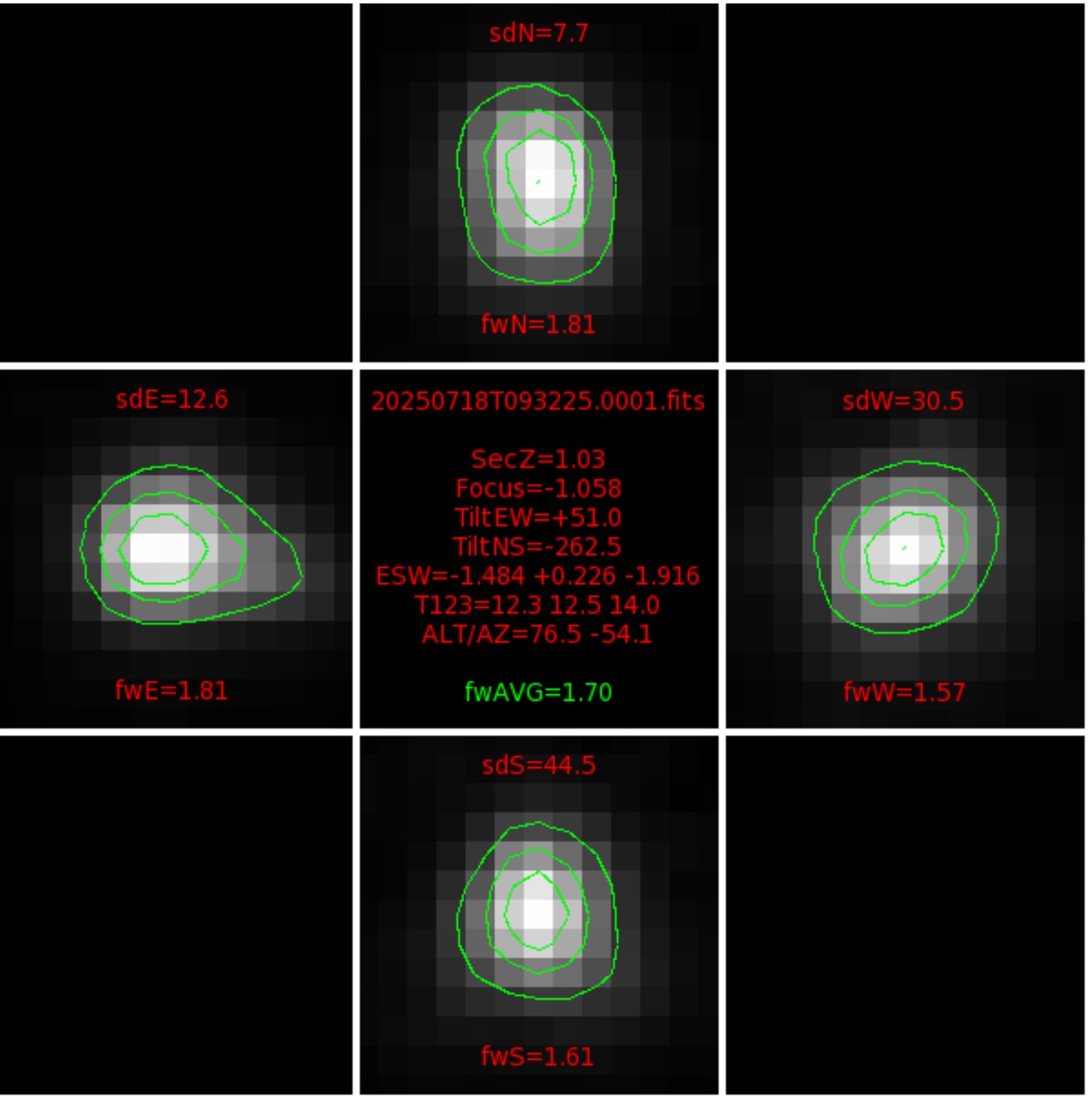

sdN=249.4
fwN=1.86
sdE=10.2
fwE=1.97
20250718T092654.0001.fits
SecZ=1.08
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.6 14.0
ALT/AZ=67.9 -47.8
fwAVG=1.79
sdW=513.7
fwW=1.63
sdS=80.6
fwS=1.69
0 0 0 0 0 0 0 0 0

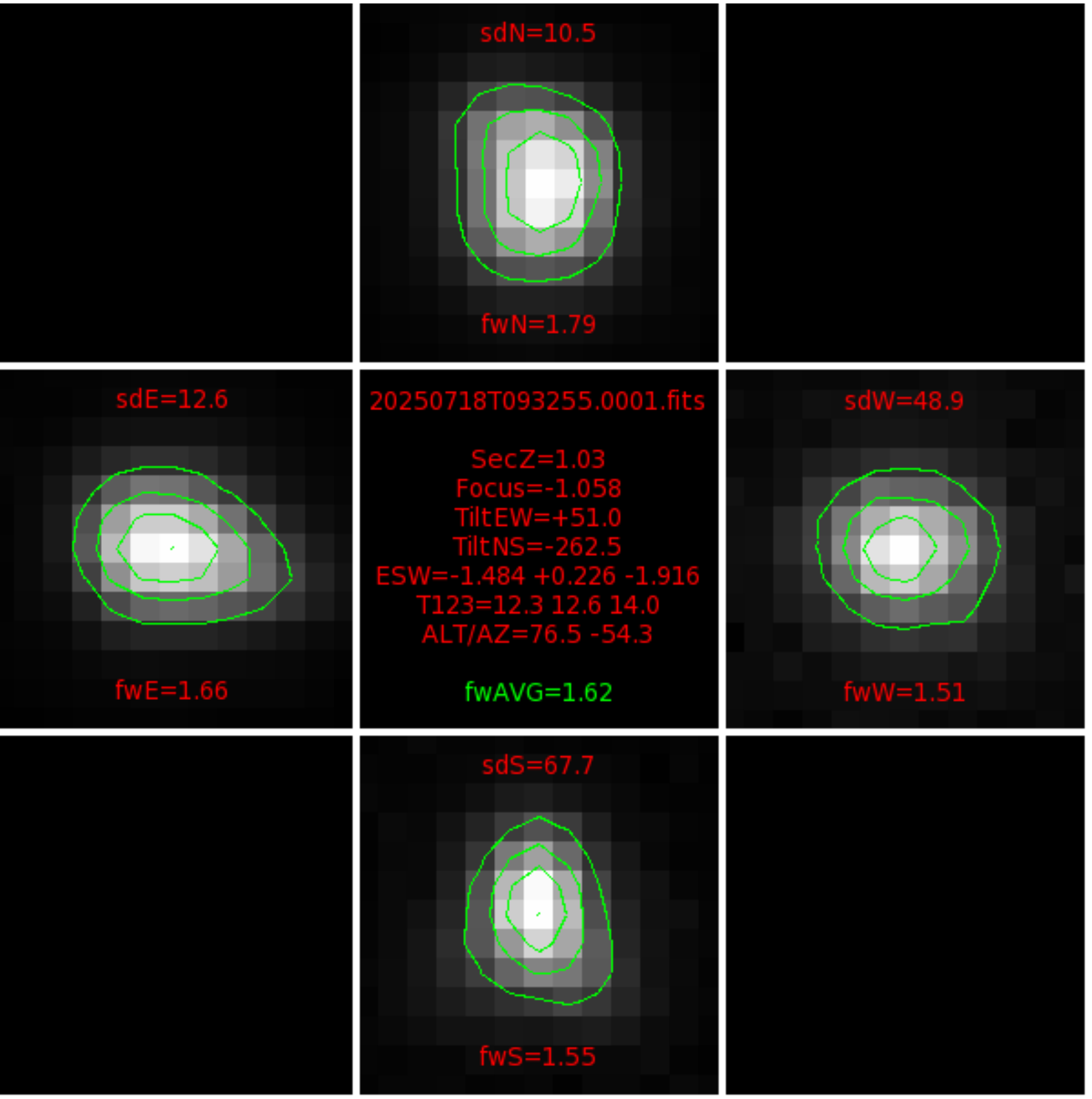

sdN=371.2
fwN=1.49
sdE=19.9
fwE=1.67
20250718T092822.0001.fits
SecZ=1.08
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.6 14.1
ALT/AZ=67.7 -48.1
fwAVG=1.54
sdW=575.0
fwW=1.46
sdS=160.1
fwS=1.54
0 0 0 0 0 0 0 0 0

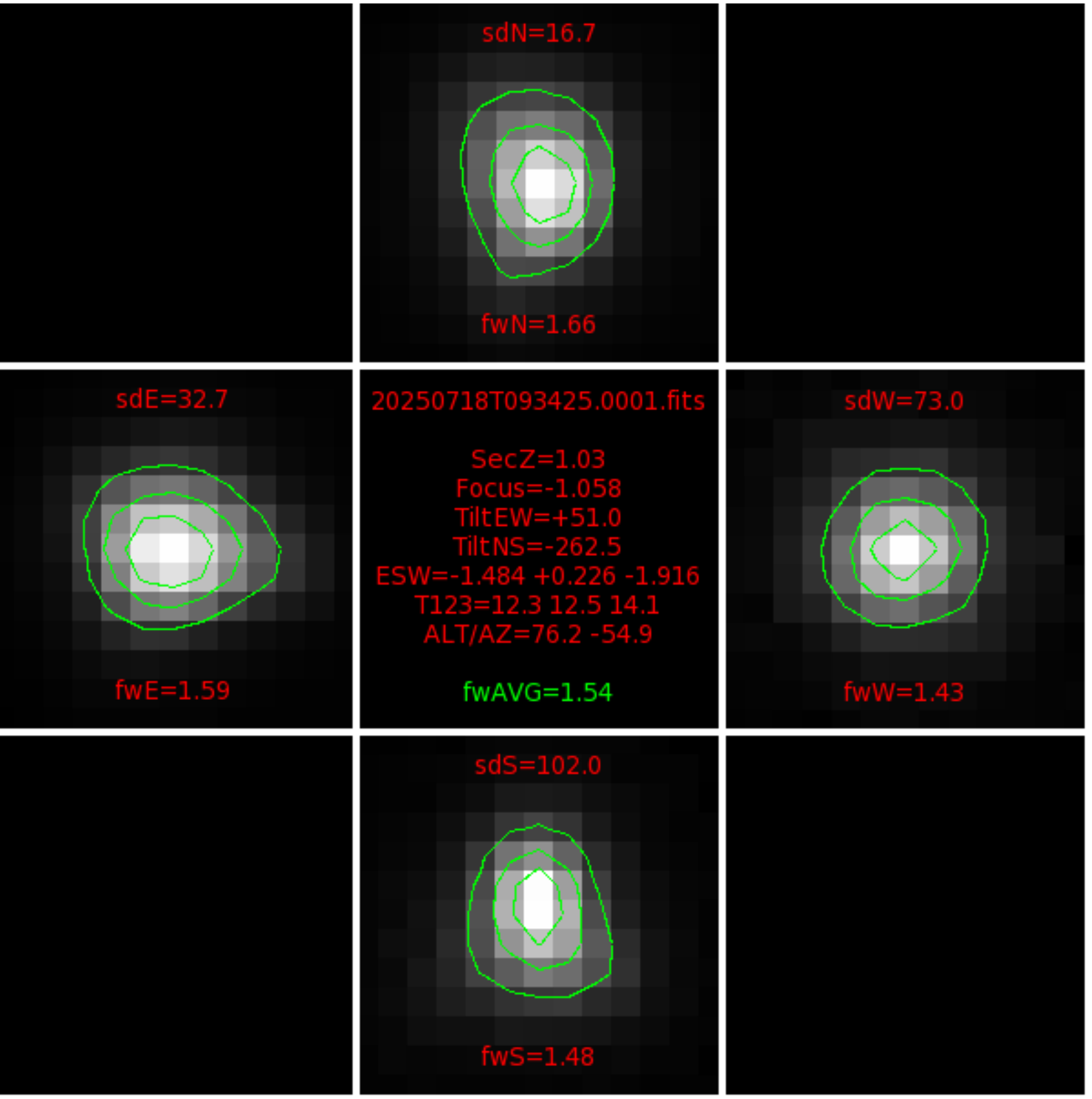

sdN=657.0
fwN=1.52
sdE=40.6
fwE=1.55
20250718T092855.0001.fits
SecZ=1.08
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.6 14.0
ALT/AZ=67.6 -48.2
fwAVG=1.44
sdW=792.5
fwW=1.31
sdS=441.6
fwS=1.35
0 0 0 0 0 0 0 0 0

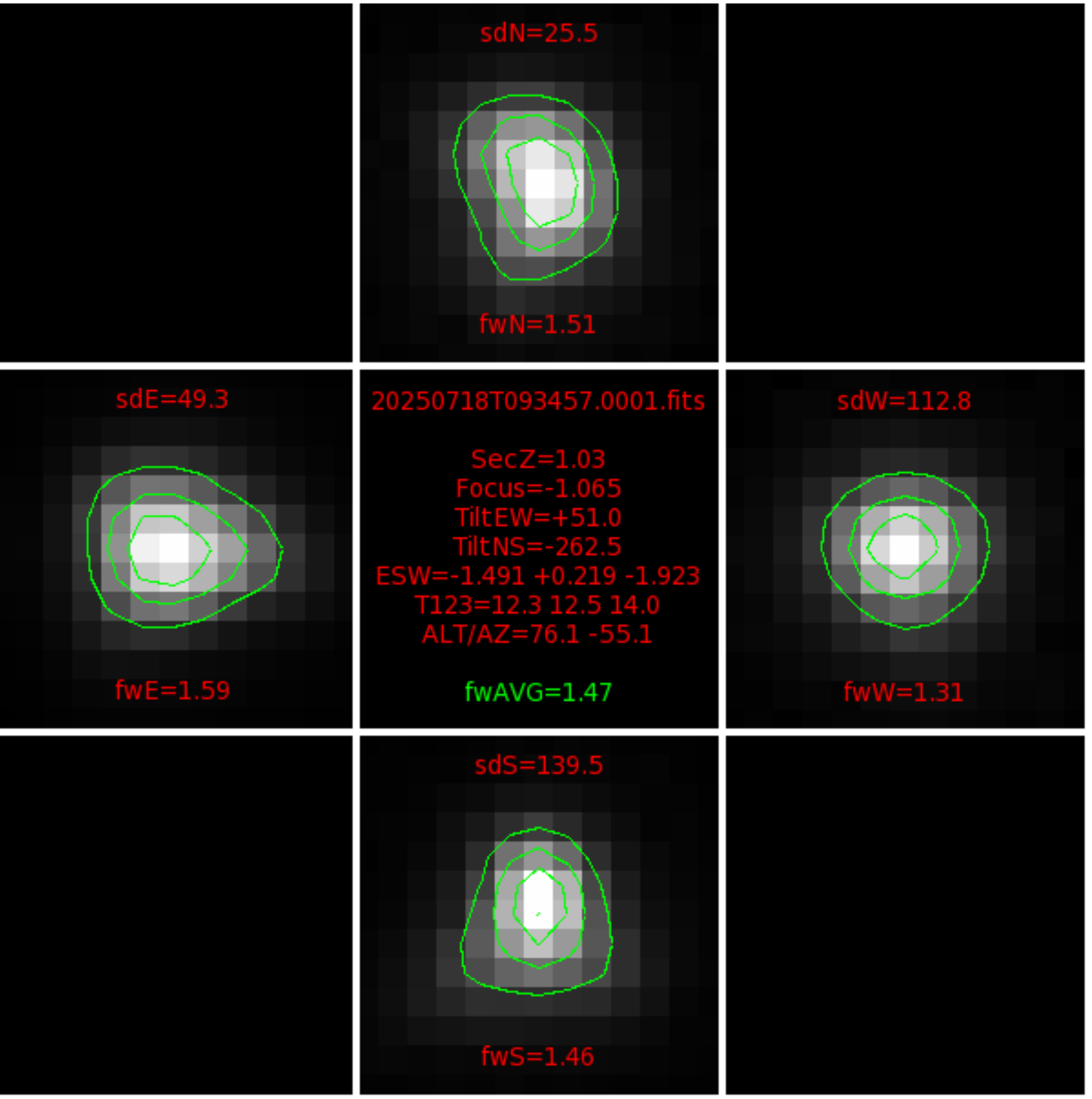

sdN=364.4
fwN=1.44
sdE=21.6
fwE=1.62
20250718T093026.0001.fits
SecZ=1.03
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.6 14.1
ALT/AZ=76.9 -53.3
fwAVG=1.43
sdW=584.2
fwW=1.28
sdS=171.3
fwS=1.38
0 0 0 0 0 0 0 0 0

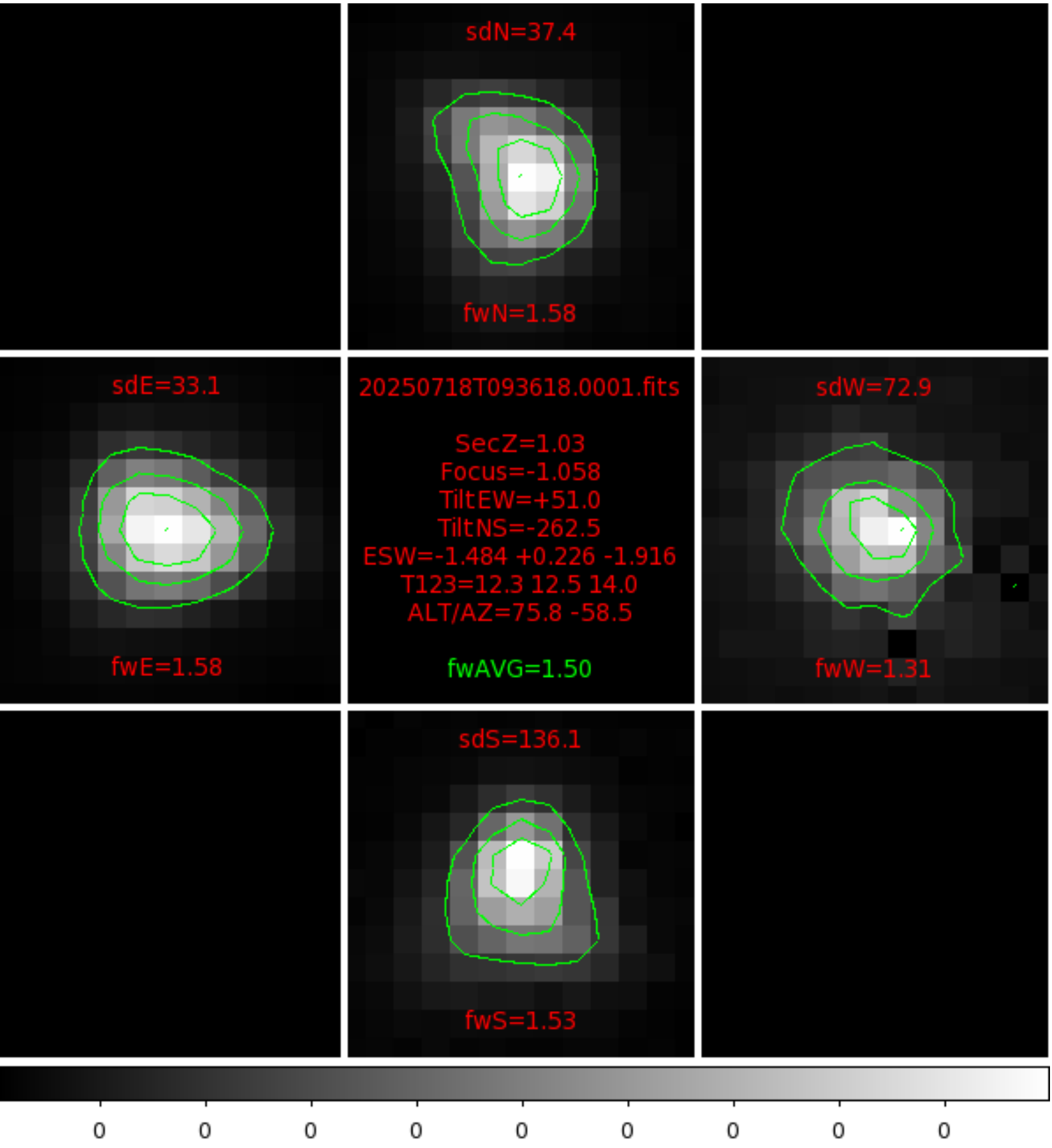

sdN=9.2
fwN=1.89
sdE=9.9
fwE=1.82
20250718T093101.0001.fits
SecZ=1.03
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.5 14.0
ALT/AZ=76.8 -53.5
fwAVG=1.77
sdW=35.8
fwW=1.70
sdS=51.7
fwS=1.68
0 0 0 0 0 0 0 0 0

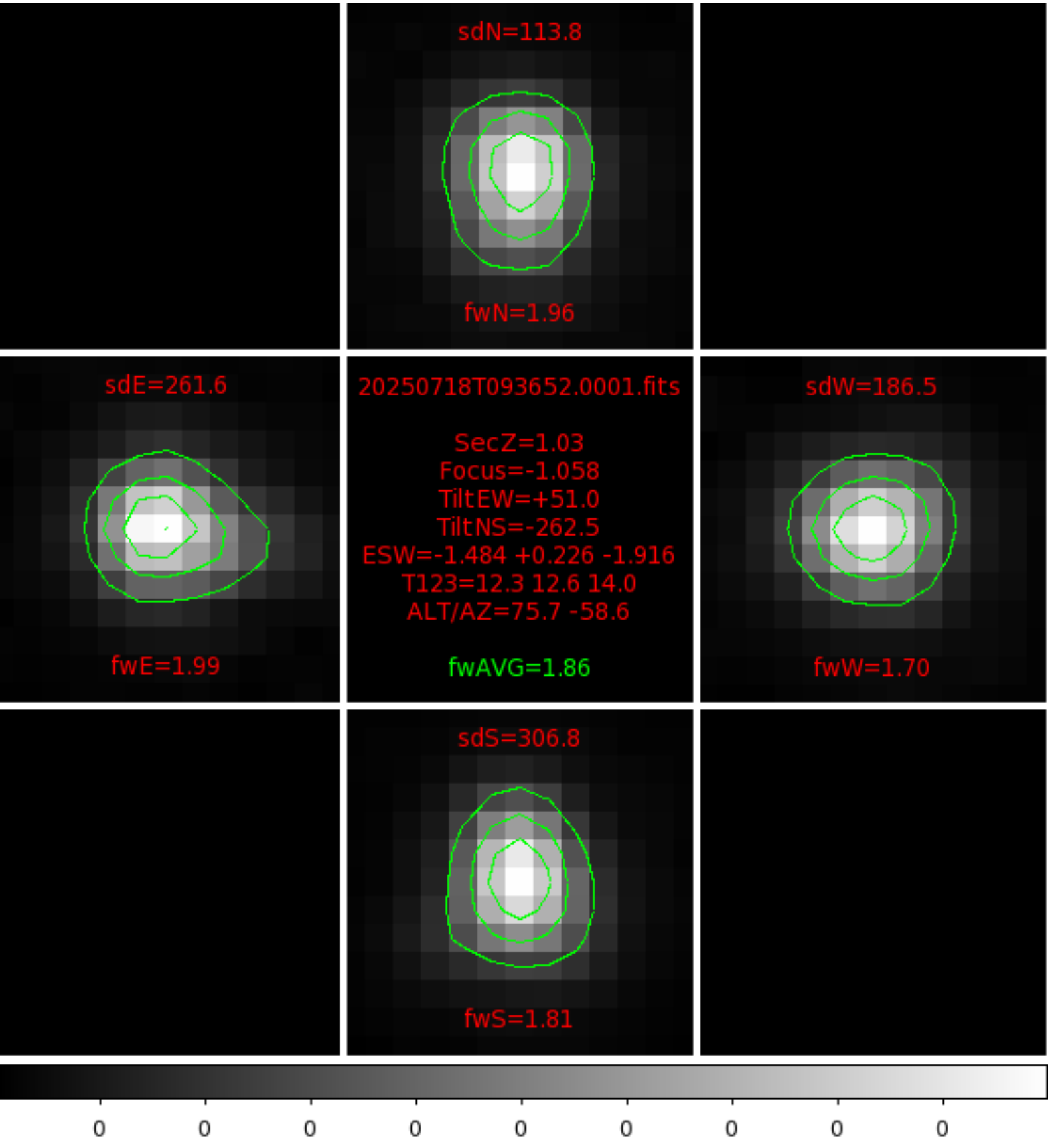

sdN=7.7
fwN=1.81
sdE=12.6
fwE=1.81
20250718T093225.0001.fits
SecZ=1.03
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=76.5 -54.1
fwAVG=1.70
sdW=30.5
fwW=1.57
sdS=44.5
fwS=1.61
0 0 0 0 0 0 0 0 0

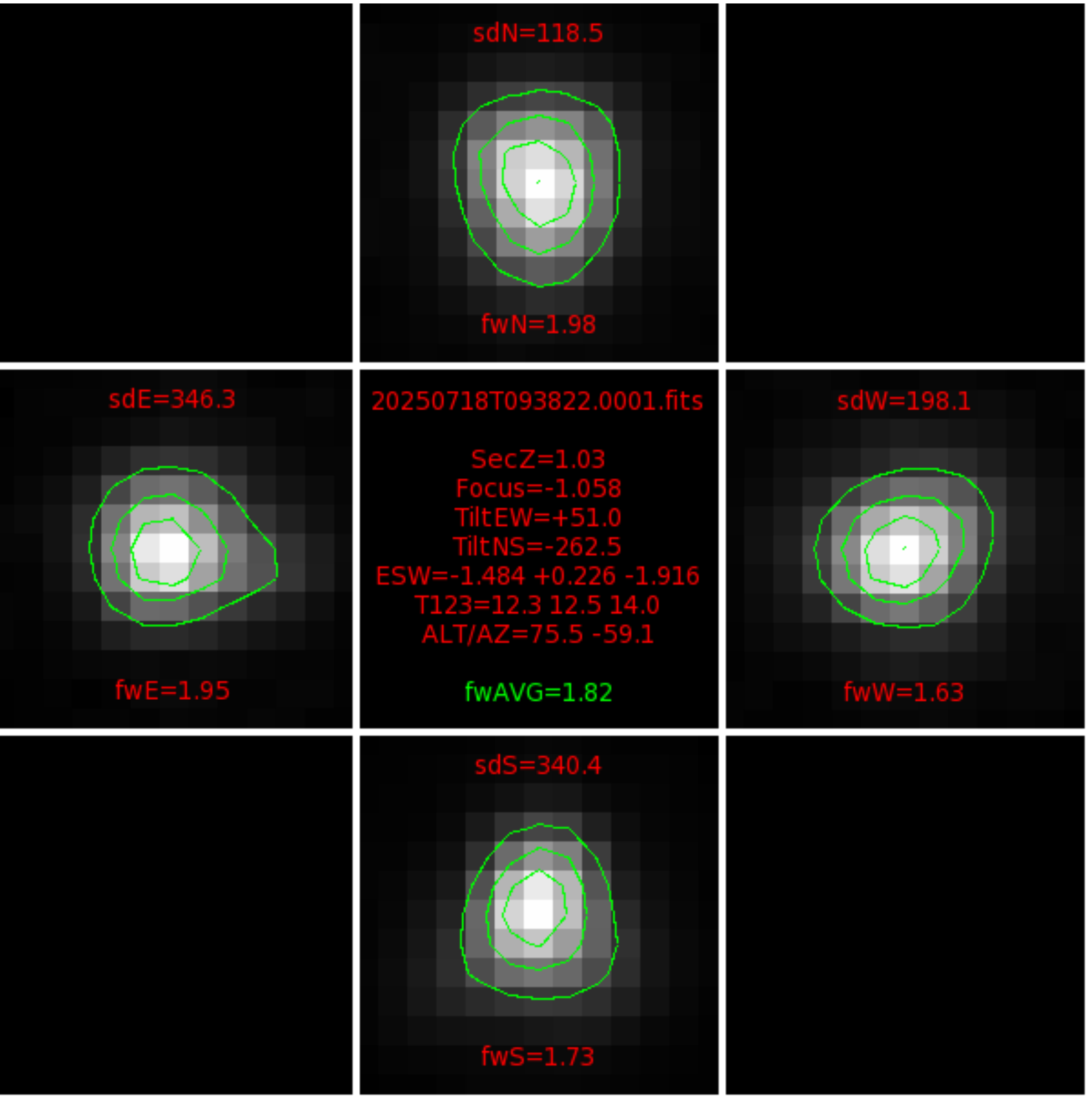

sdN=10.5
fwN=1.79
sdE=12.6
fwE=1.66
20250718T093255.0001.fits
SecZ=1.03
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.6 14.0
ALT/AZ=76.5 -54.3
fwAVG=1.62
sdW=48.9
fwW=1.51
sdS=67.7
fwS=1.55
0 0 0 0 0 0 0 0 0

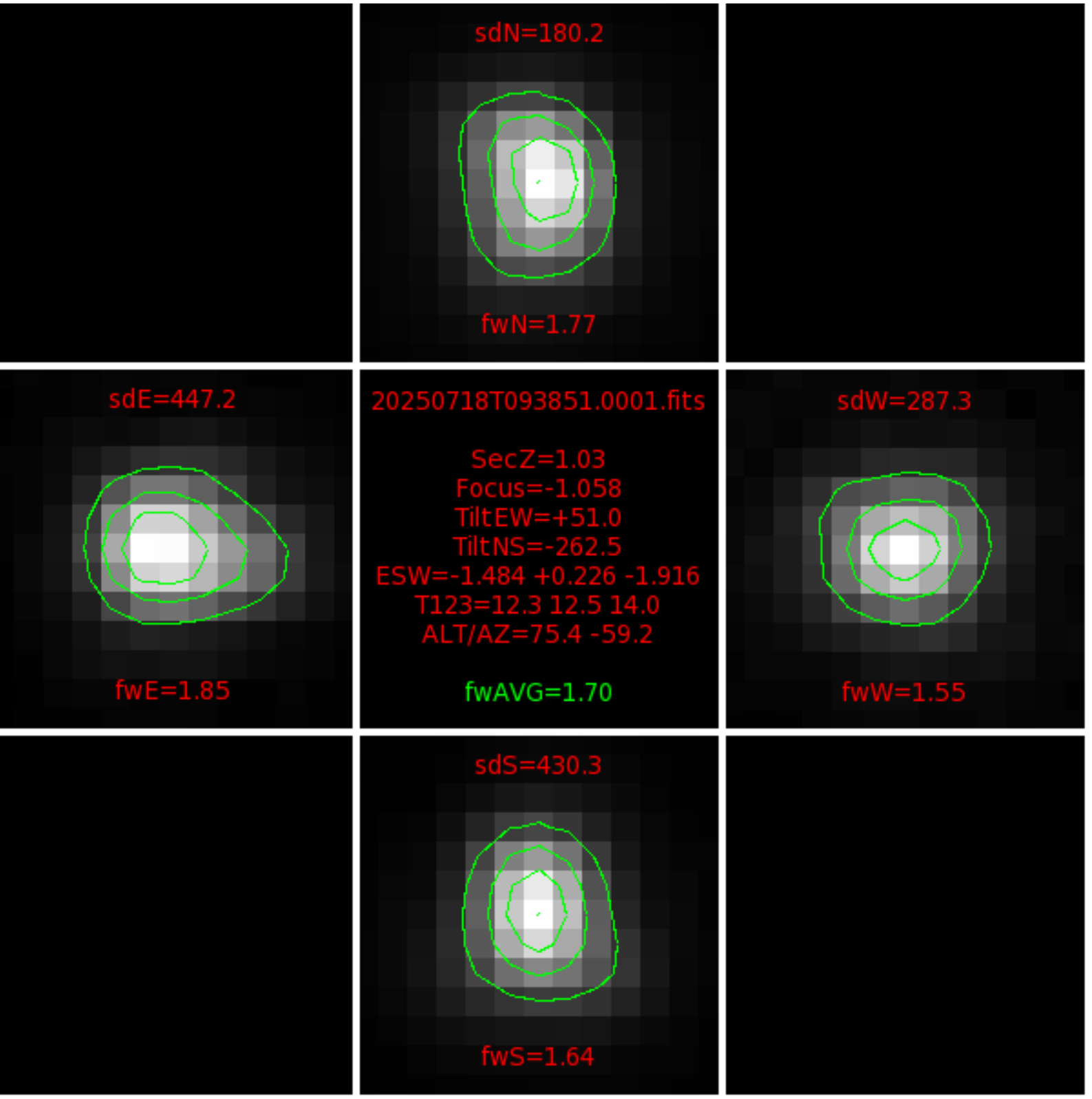

sdN=16.7
fwN=1.66
sdE=32.7
fwE=1.59
20250718T093425.0001.fits
SecZ=1.03
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.1
ALT/AZ=76.2 -54.9
fwAVG=1.54
sdW=73.0
fwW=1.43
sdS=102.0
fwS=1.48
0 0 0 0 0 0 0 0 0

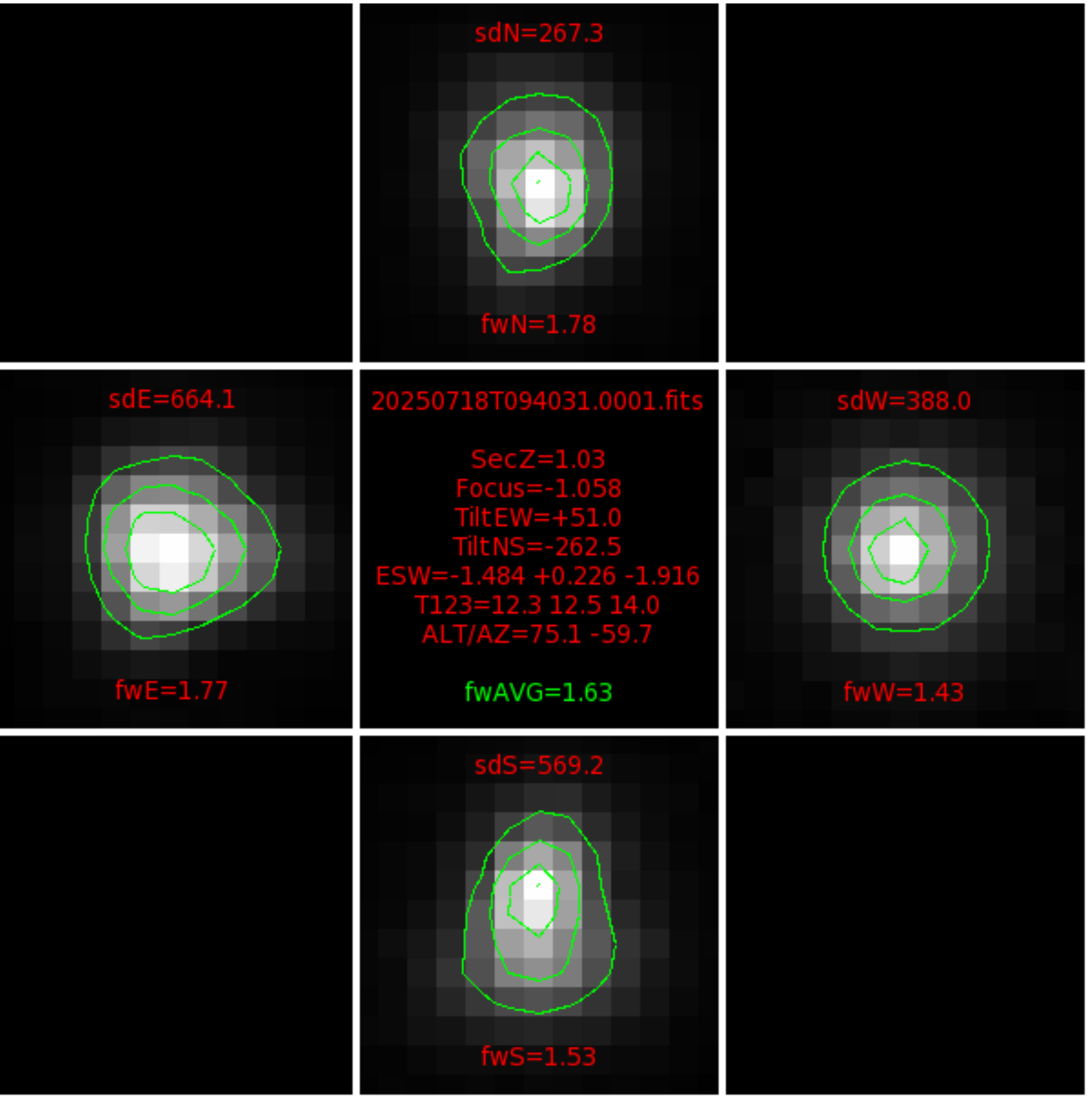

sdN=25.5
fwN=1.51
sdE=49.3
fwE=1.59
20250718T093457.0001.fits
SecZ=1.03
Focus=-1.065
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.491 +0.219 -1.923
T123=12.3 12.5 14.0
ALT/AZ=76.1 -55.1
fwAVG=1.47
sdW=112.8
fwW=1.31
sdS=139.5
fwS=1.46
0 0 0 0 0 0 0 0 0

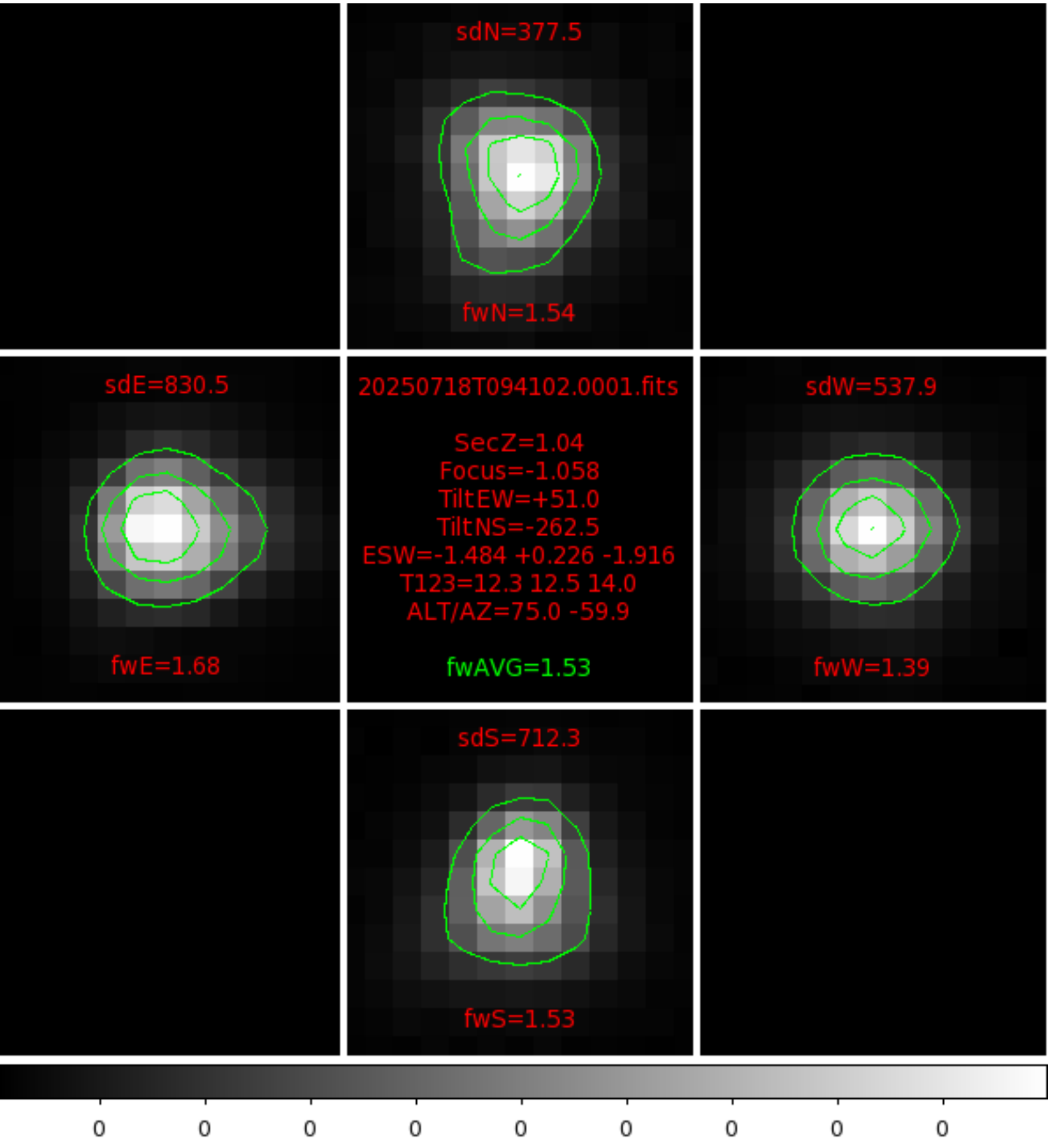

sdN=37.4
fwN=1.58
sdE=33.1
fwE=1.58
20250718T093618.0001.fits
SecZ=1.03
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=75.8 -58.5
fwAVG=1.50
sdW=72.9
fwW=1.31
sdS=136.1
fwS=1.53
0 0 0 0 0 0 0 0 0

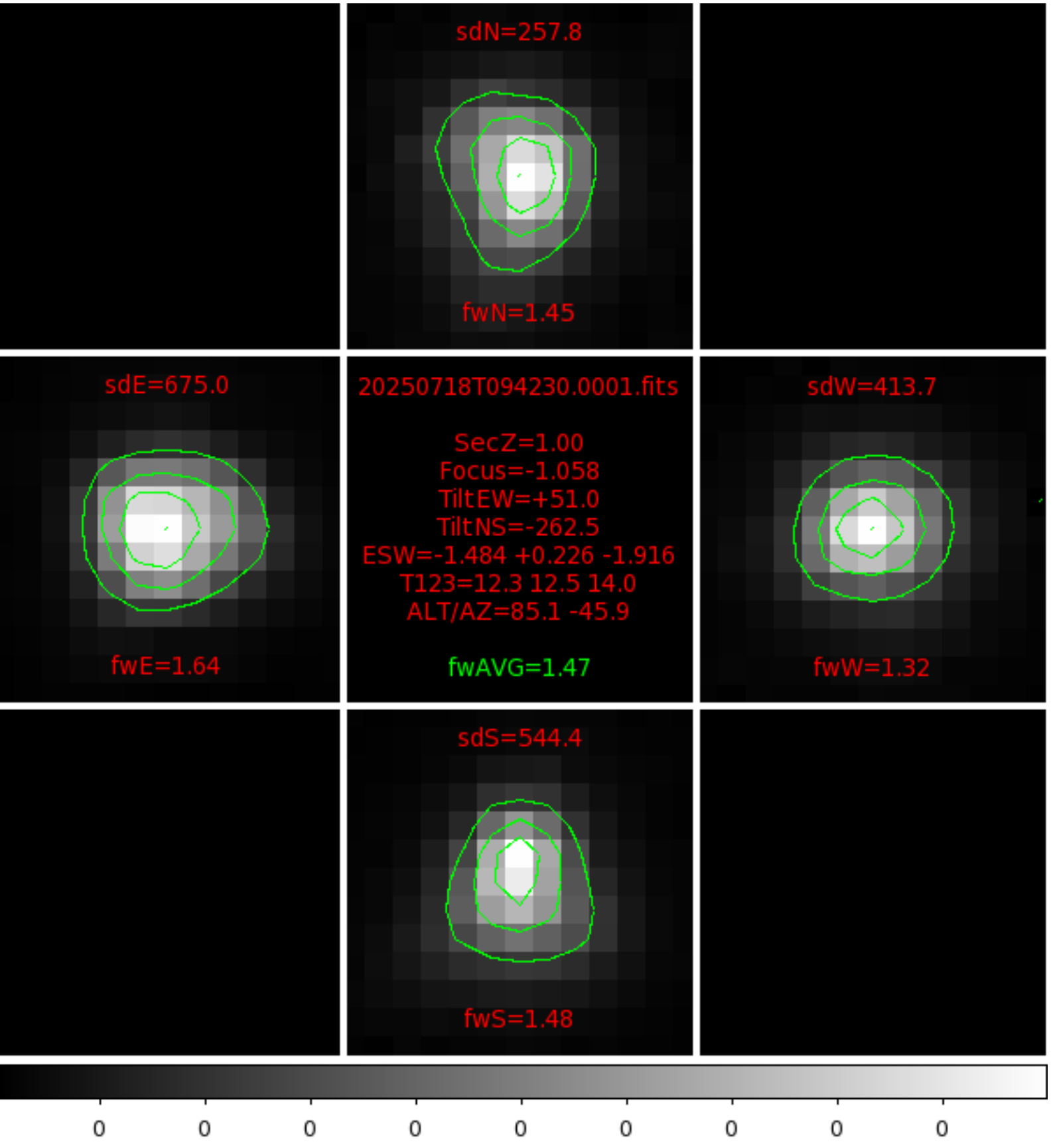

sdN=113.8
fwN=1.96
sdE=261.6
fwE=1.99
20250718T093652.0001.fits
SecZ=1.03
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.6 14.0
ALT/AZ=75.7 -58.6
fwAVG=1.86
sdW=186.5
fwW=1.70
sdS=306.8
fwS=1.81
0 0 0 0 0 0 0 0 0

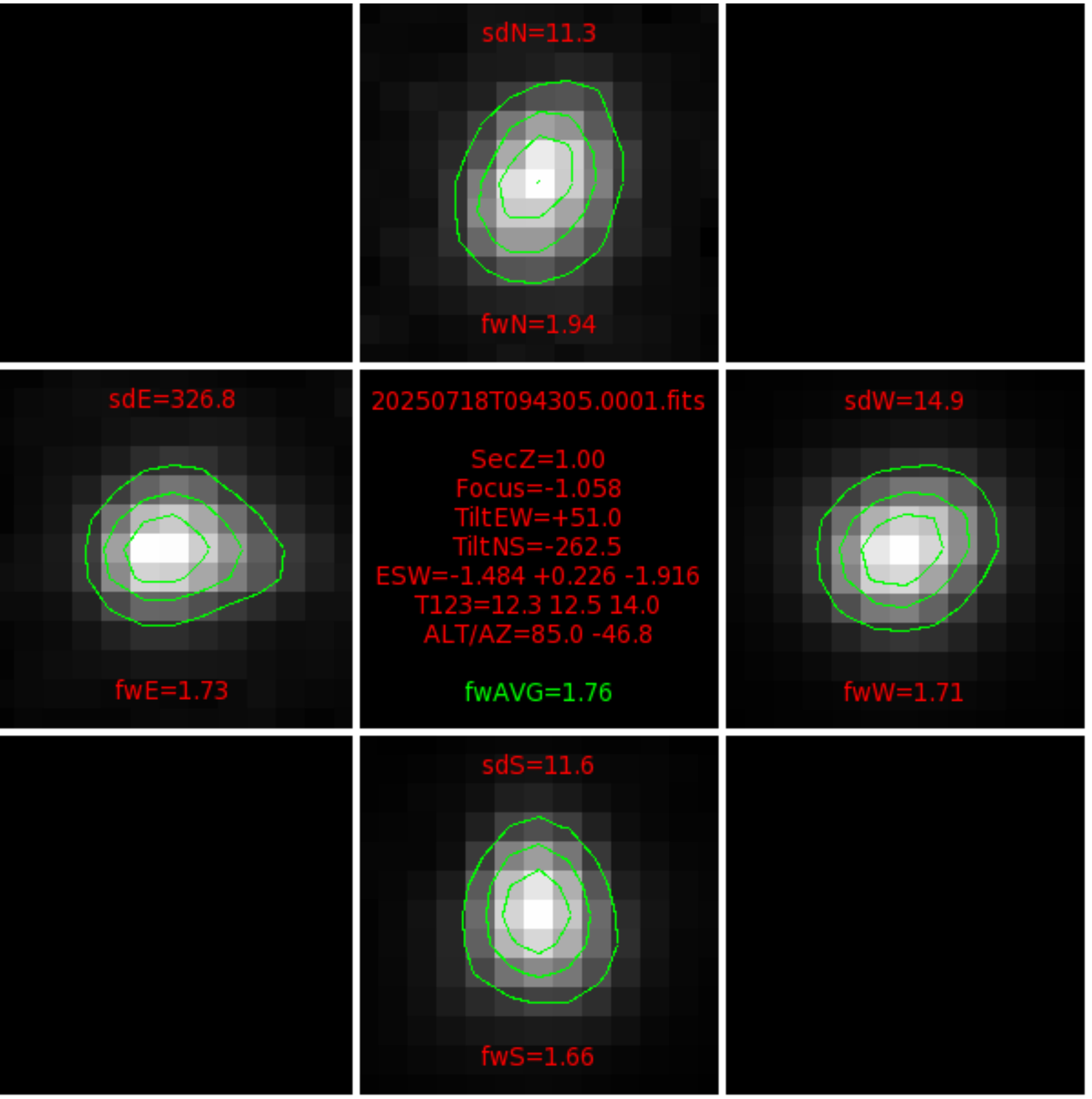

sdN=118.5
fwN=1.98
sdE=346.3
fwE=1.95
20250718T093822.0001.fits
SecZ=1.03
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=75.5 -59.1
fwAVG=1.82
sdW=198.1
fwW=1.63
sdS=340.4
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=180.2
fwN=1.77
sdE=447.2
fwE=1.85
20250718T093851.0001.fits
SecZ=1.03
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=75.4 -59.2
fwAVG=1.70
sdW=287.3
fwW=1.55
sdS=430.3
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=267.3
fwN=1.78
sdE=664.1
fwE=1.77
20250718T094031.0001.fits
SecZ=1.03
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=75.1 -59.7
fwAVG=1.63
sdW=388.0
fwW=1.43
sdS=569.2
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=377.5
fwN=1.54
sdE=830.5
fwE=1.68
20250718T094102.0001.fits
SecZ=1.04
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=75.0 -59.9
fwAVG=1.53
sdW=537.9
fwW=1.39
sdS=712.3
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=257.8
fwN=1.45
sdE=675.0
fwE=1.64
20250718T094230.0001.fits
SecZ=1.00
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=85.1 -45.9
fwAVG=1.47
sdW=413.7
fwW=1.32
sdS=544.4
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=11.3
fwN=1.94
sdE=326.8
fwE=1.73
20250718T094305.0001.fits
SecZ=1.00
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=85.0 -46.8
fwAVG=1.76
sdW=14.9
fwW=1.71
sdS=11.6
fwS=1.66
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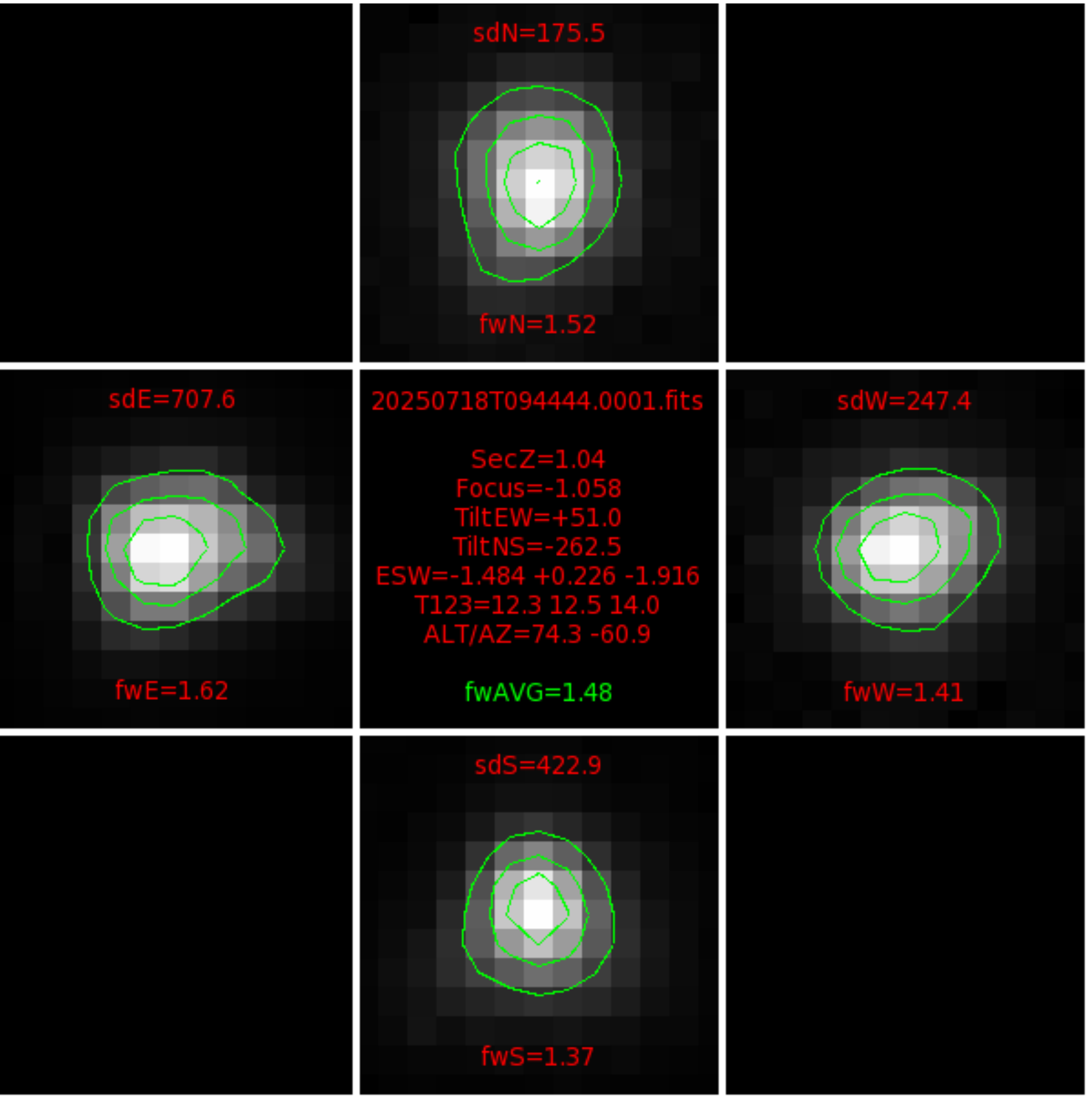
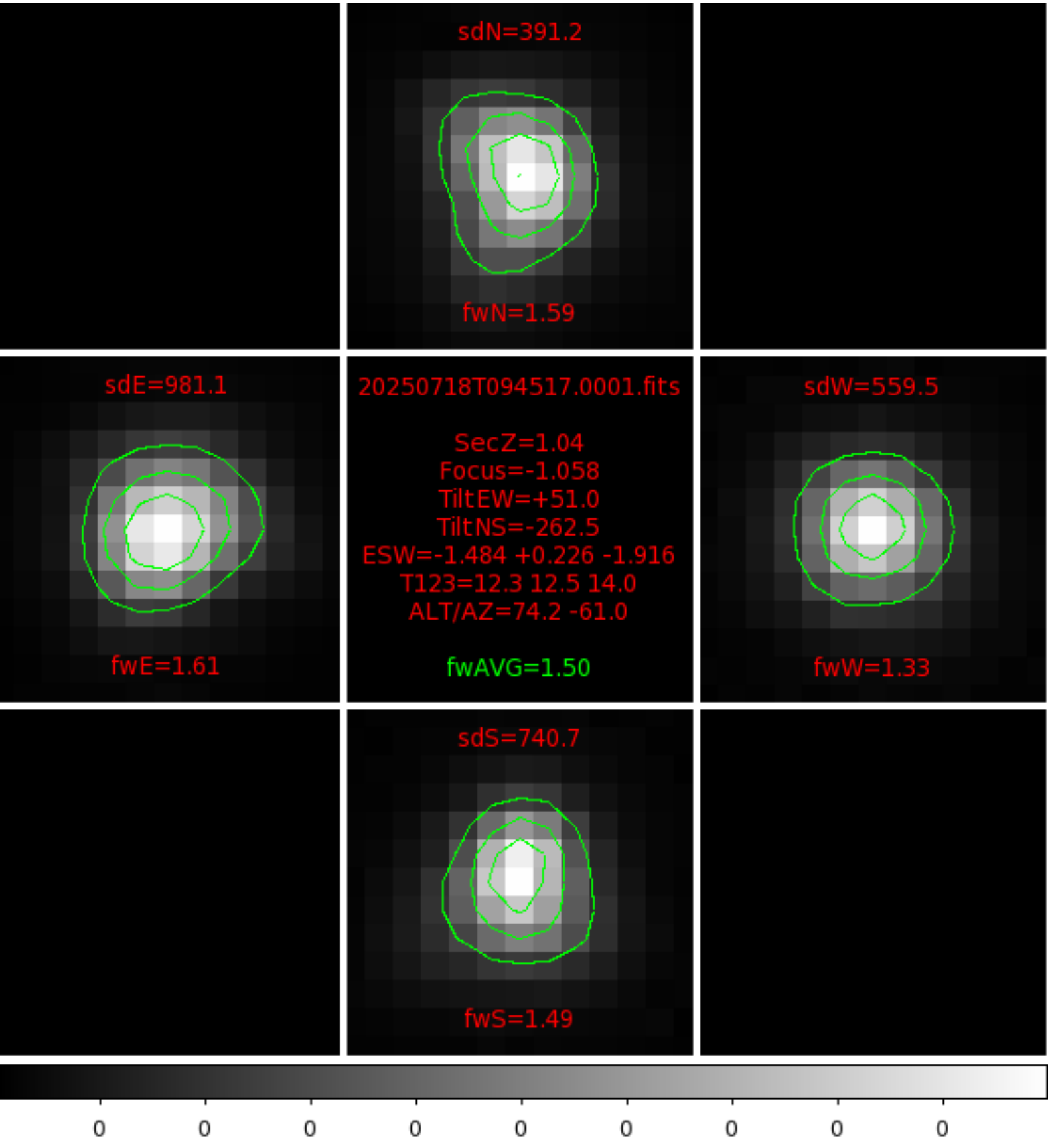
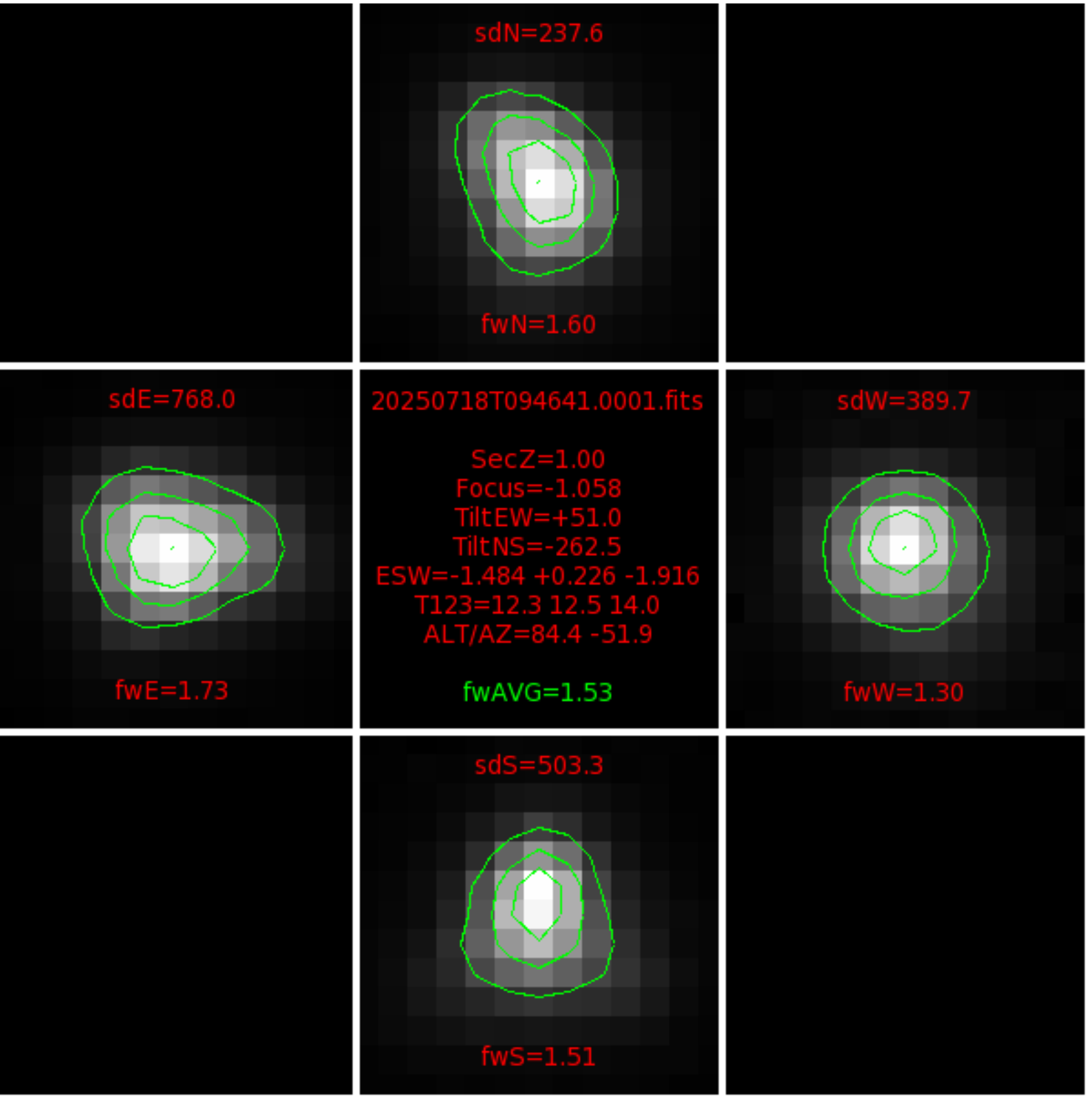

sdN=175.5
fwN=1.52
sdE=707.6
fwE=1.62
20250718T094444.0001.fits
SecZ=1.04
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=74.3 -60.9
fwAVG=1.48
sdW=247.4
fwW=1.41
sdS=422.9
fwS=1.37
0 0 0 0 0 0 0 0 0


sdN=391.2
fwN=1.59
sdE=981.1
fwE=1.61
20250718T094517.0001.fits
SecZ=1.04
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=74.2 -61.0
fwAVG=1.50
sdW=559.5
fwW=1.33
sdS=740.7
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=237.6
fwN=1.60
sdE=768.0
fwE=1.73
20250718T094641.0001.fits
SecZ=1.00
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=84.4 -51.9
fwAVG=1.53
sdW=389.7
fwW=1.30
sdS=503.3
fwS=1.51
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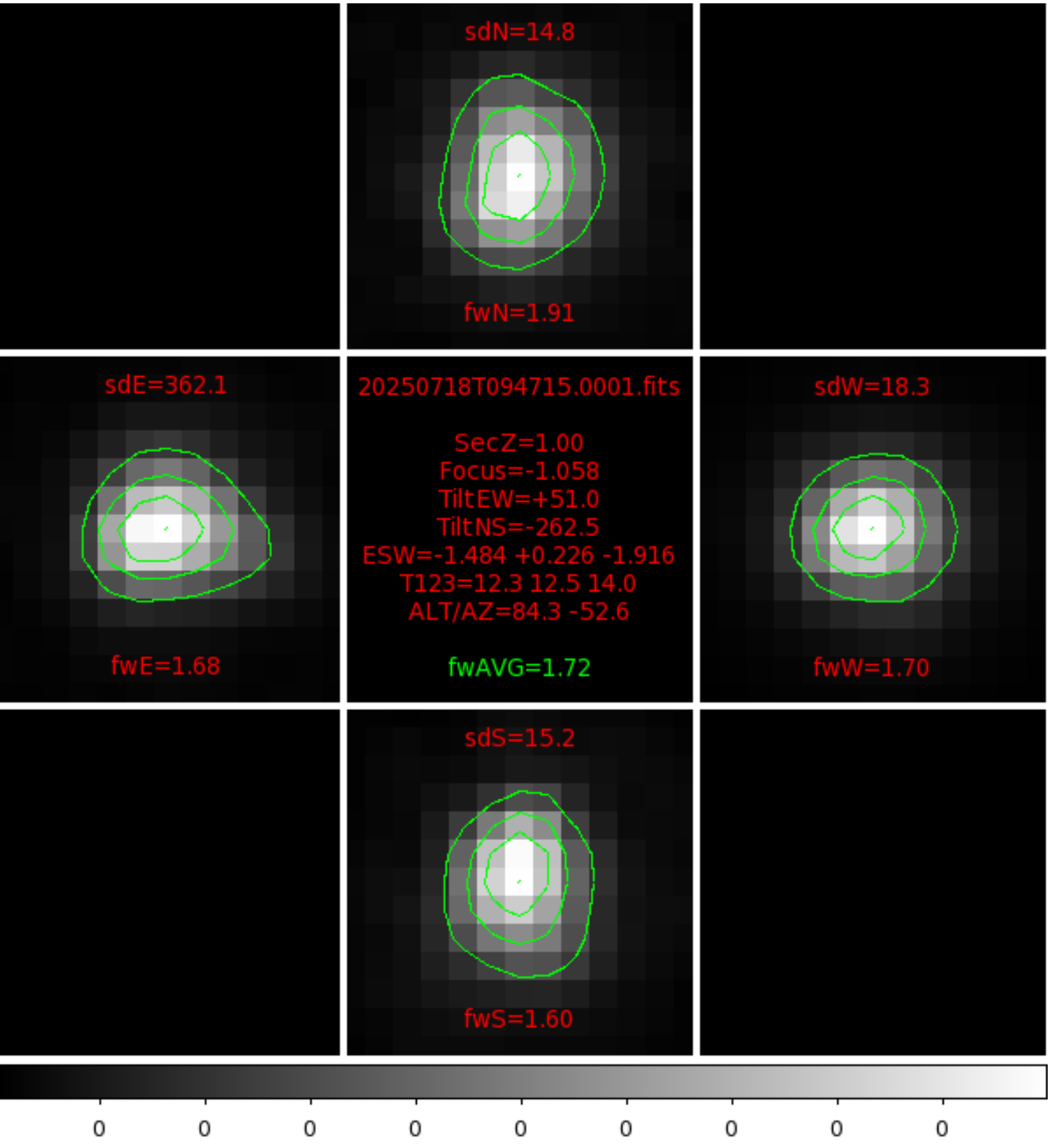
sdN=14.8
fwN=1.91
sdE=362.1
fwE=1.68
20250718T094715.0001.fits
SecZ=1.00
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=84.3 -52.6
fwAVG=1.72
sdW=18.3
fwW=1.70
sdS=15.2
fwS=1.60
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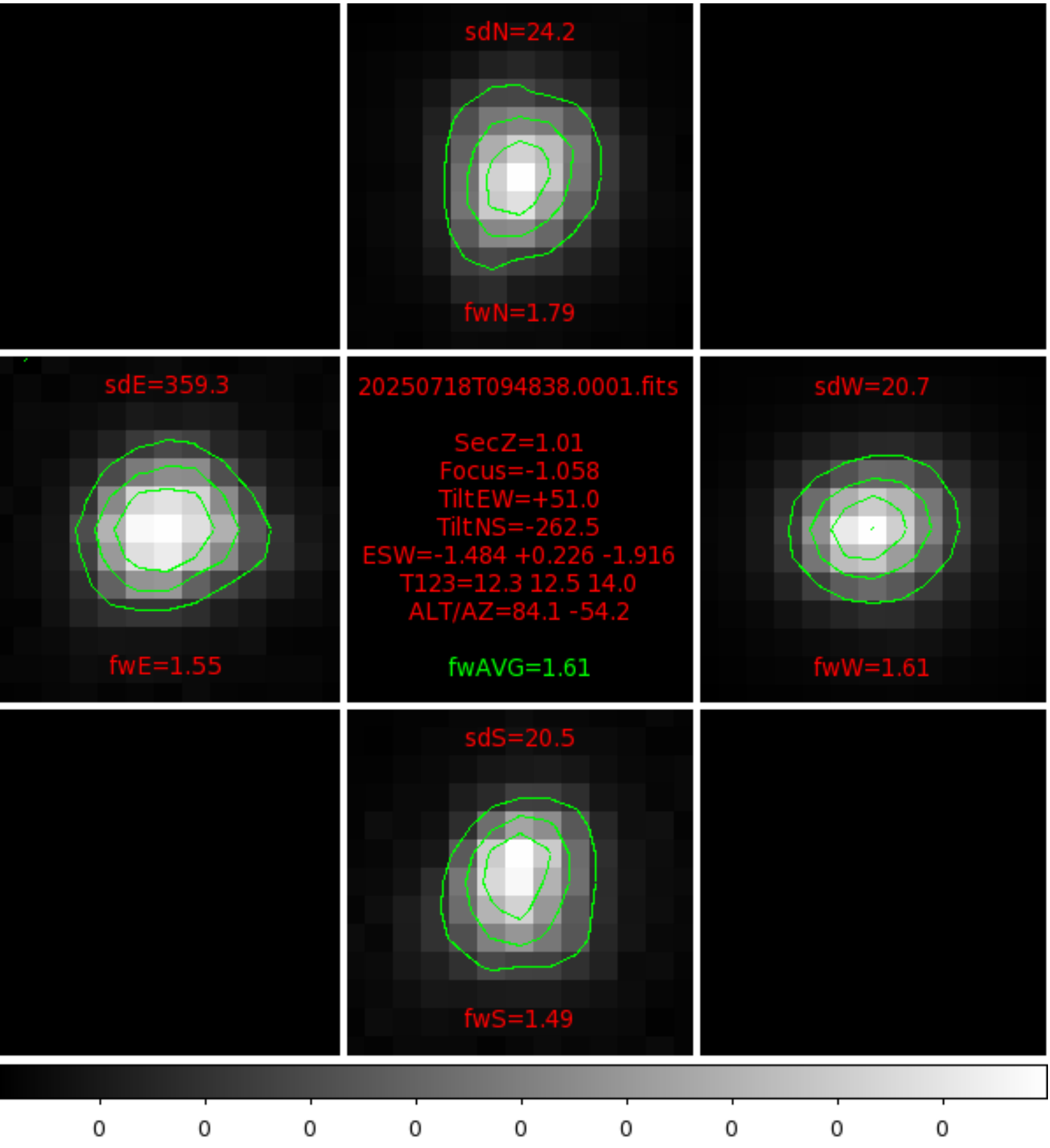
sdN=24.2
fwN=1.79
sdE=359.3
fwE=1.55
20250718T094838.0001.fits
SecZ=1.01
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=84.1 -54.2
fwAVG=1.61
sdW=20.7
fwW=1.61
sdS=20.5
fwS=1.49
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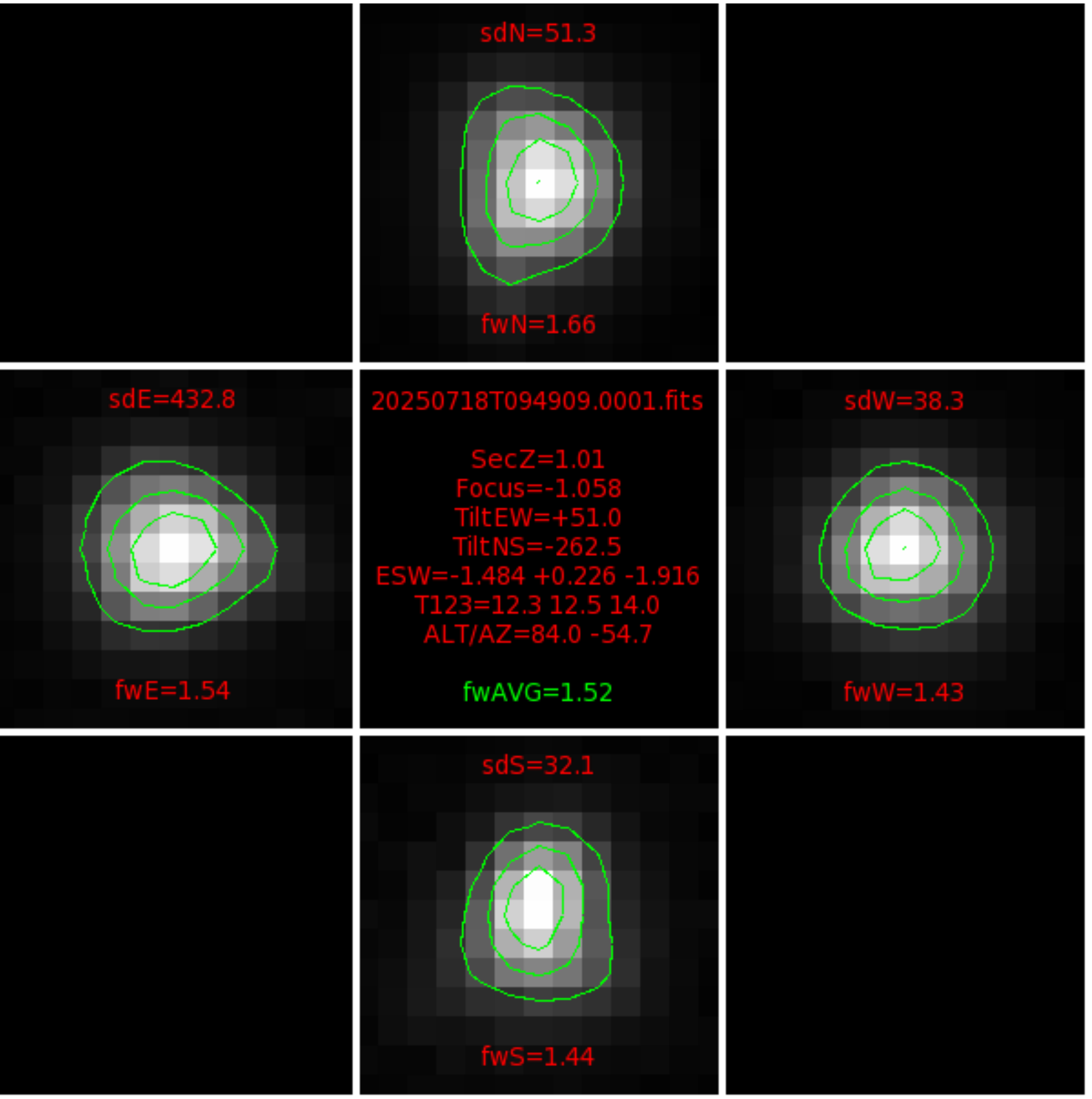
sdN=51.3
fwN=1.66
sdE=432.8
fwE=1.54
20250718T094909.0001.fits
SecZ=1.01
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=84.0 -54.7
fwAVG=1.52
sdW=38.3
fwW=1.43
sdS=32.1
fwS=1.44
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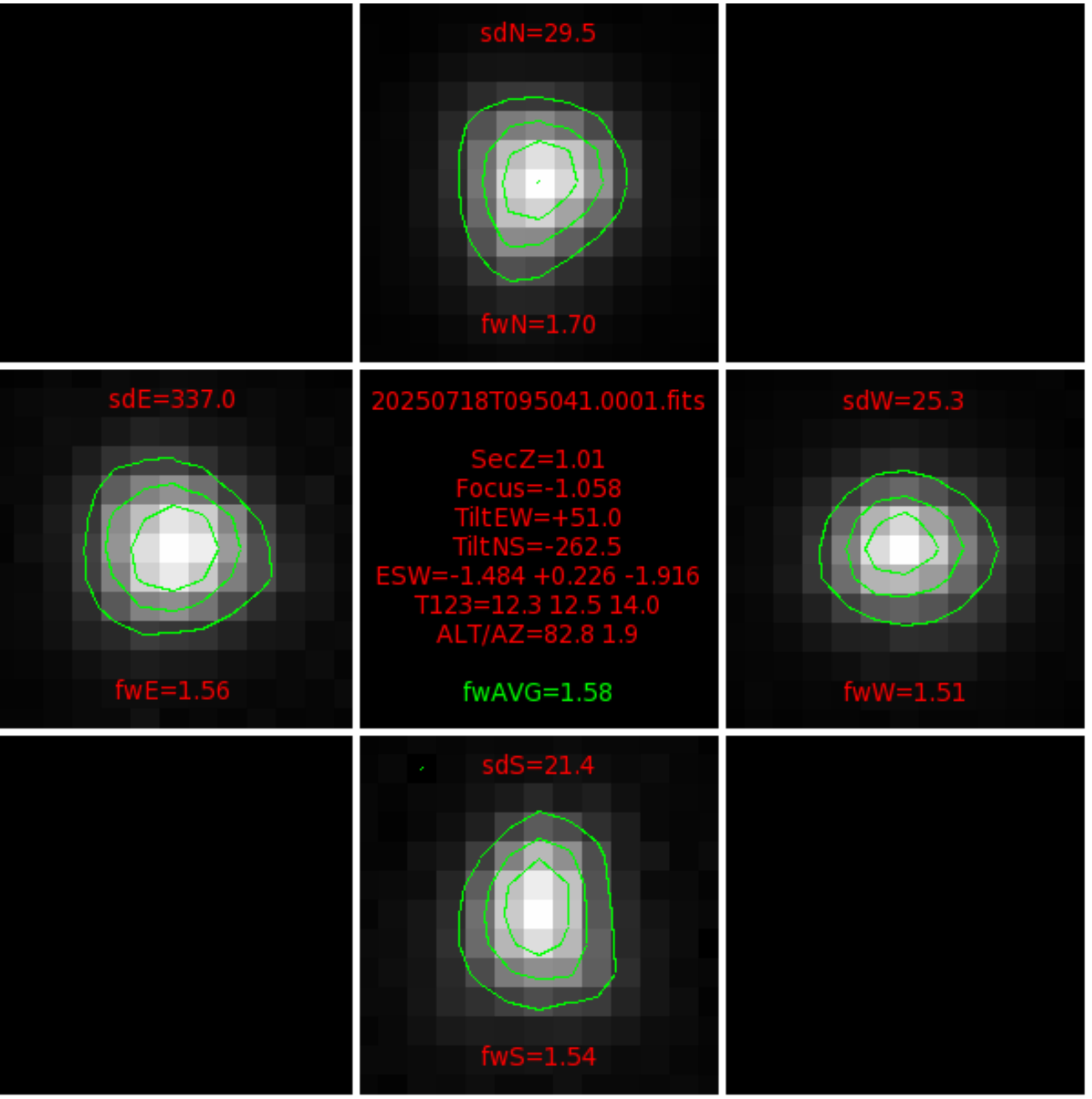
sdN=29.5
fwN=1.70
sdE=337.0
fwE=1.56
20250718T095041.0001.fits
SecZ=1.01
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=82.8 1.9
fwAVG=1.58
sdW=25.3
fwW=1.51
sdS=21.4
fwS=1.54
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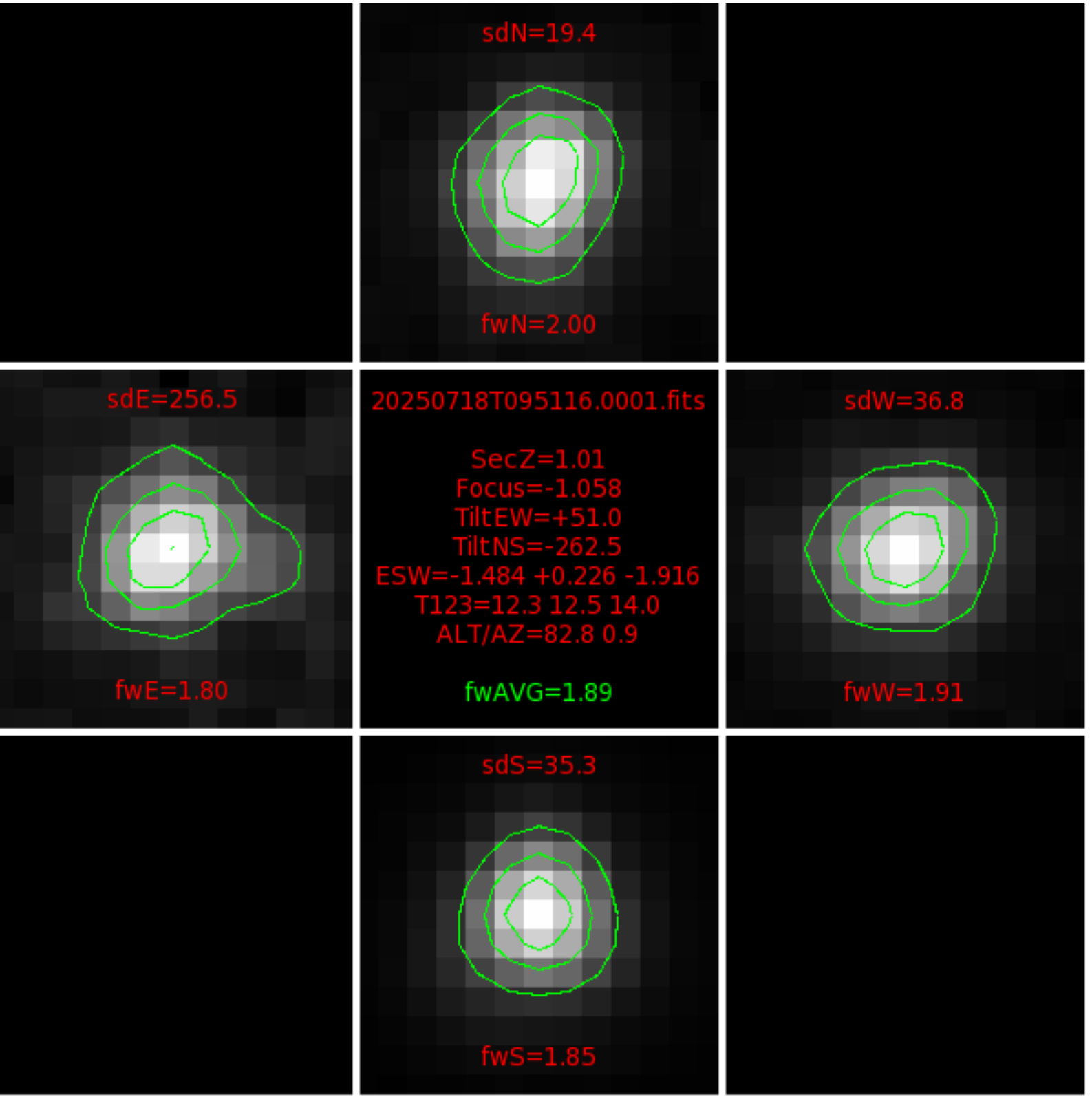
sdN=19.4
fwN=2.00
sdE=256.5
fwE=1.80
20250718T095116.0001.fits
SecZ=1.01
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=82.8 0.9
fwAVG=1.89
sdW=36.8
fwW=1.91
sdS=35.3
fwS=1.85
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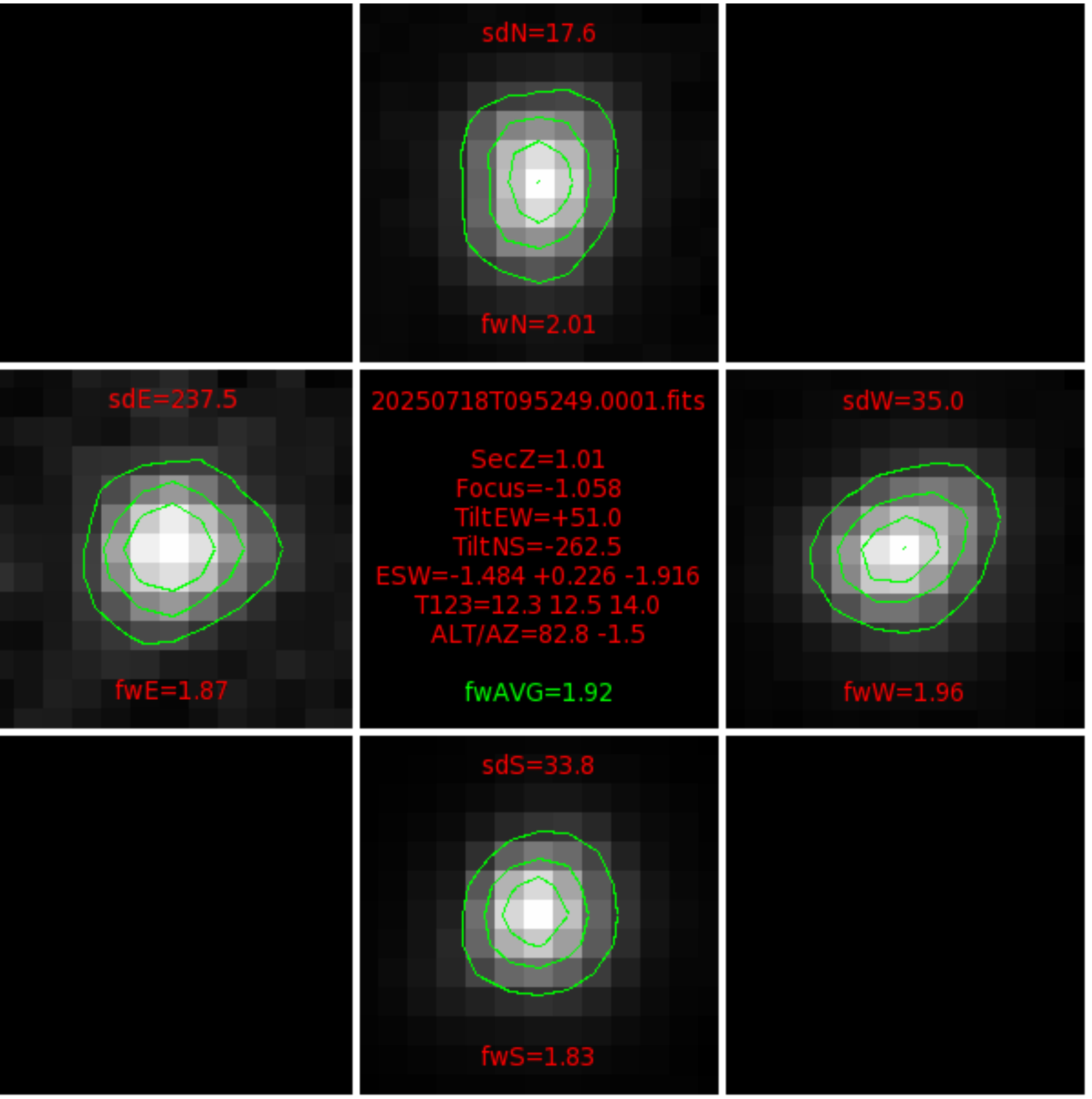
sdN=17.6
fwN=2.01
sdE=237.5
20250718T095249.0001.fits
SecZ=1.01
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=82.8 -1.5
fwAVG=1.92
sdW=35.0
fwE=1.87
fwW=1.96
sdS=33.8
fwS=1.83
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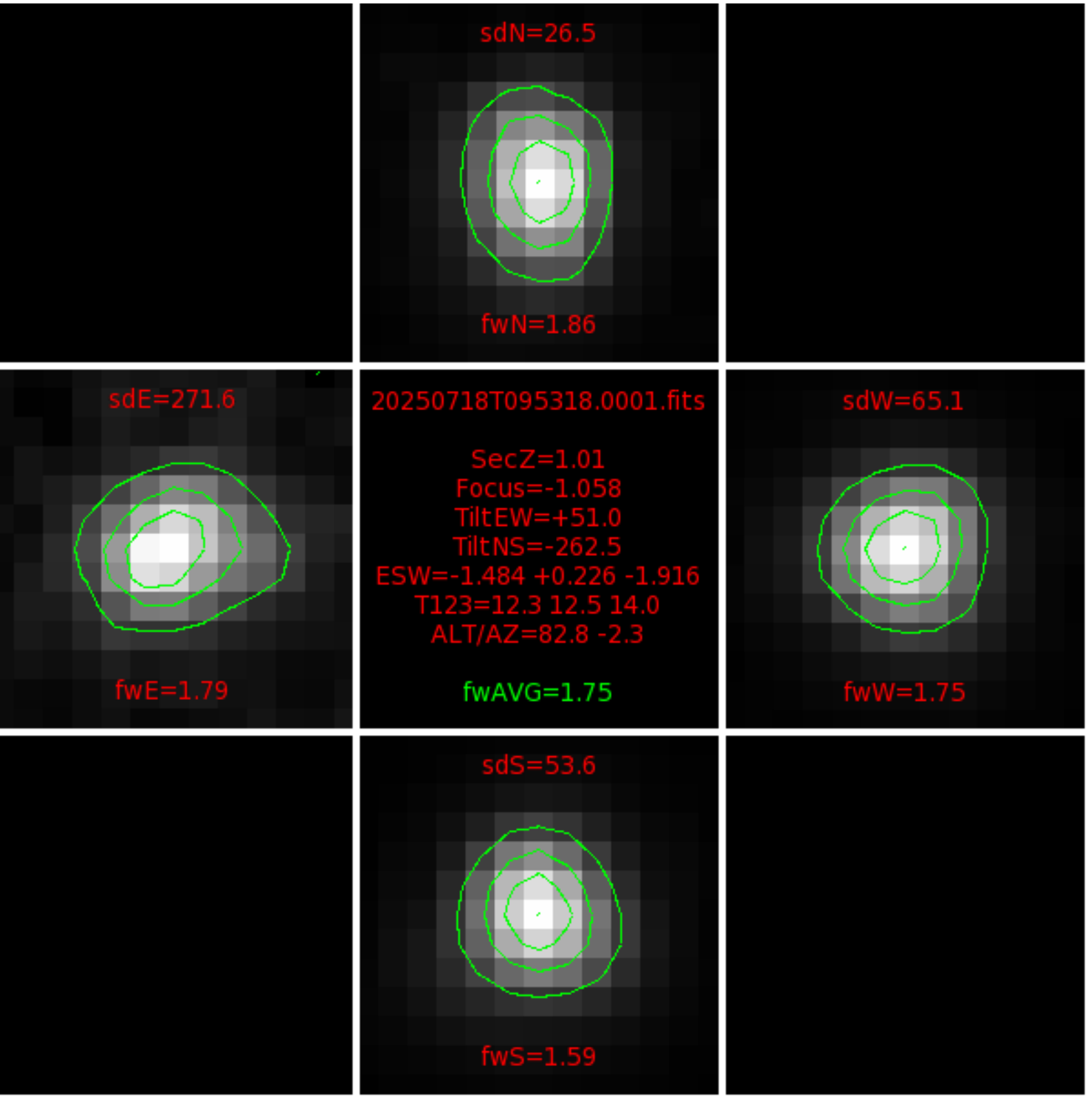
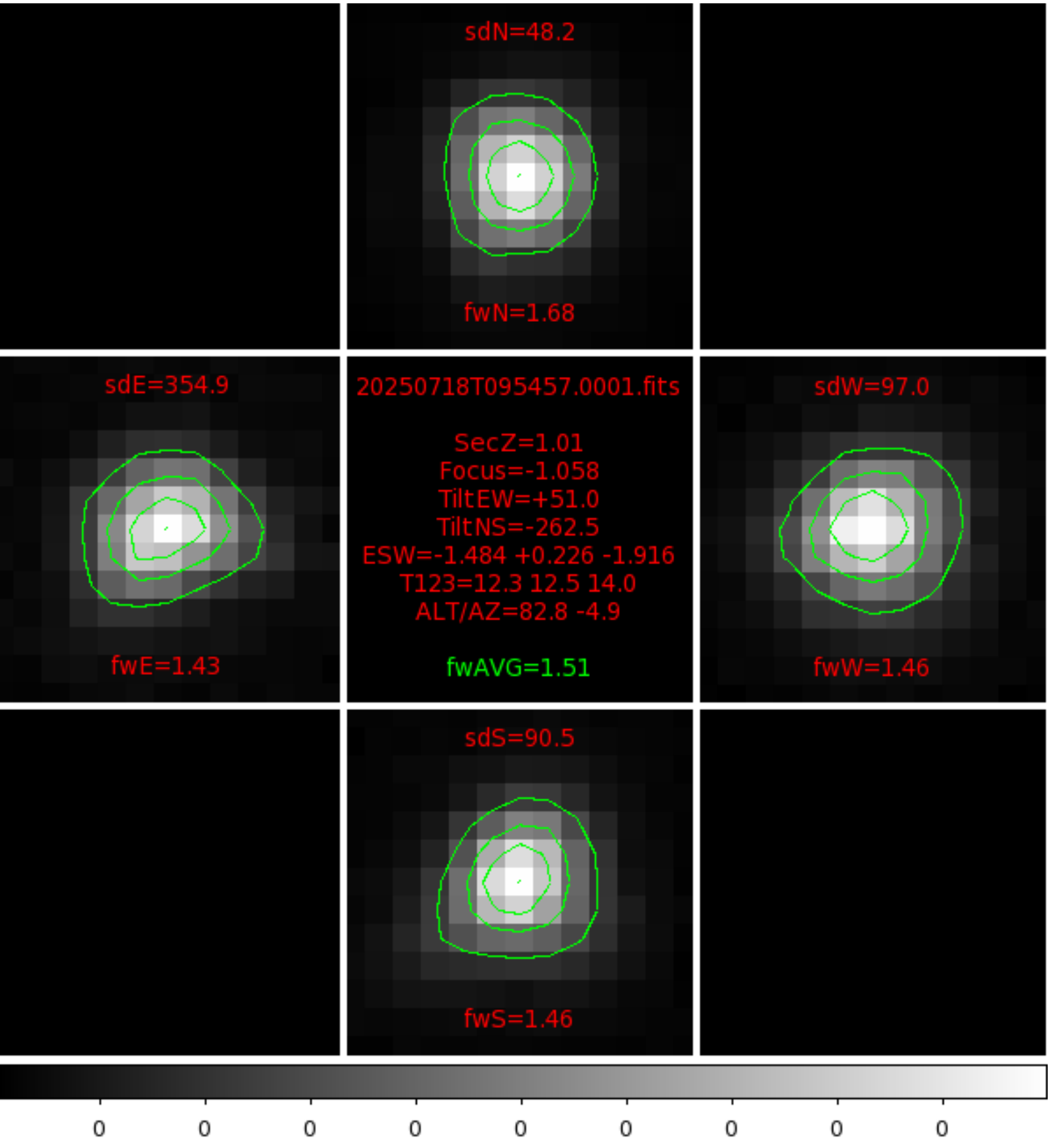

sdN=26.5
fwN=1.86
sdE=271.6
fwE=1.79
20250718T095318.0001.fits
SecZ=1.01
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=82.8 -2.3
fwAVG=1.75
sdW=65.1
fwW=1.75
sdS=53.6
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=48.2
fwN=1.68
sdE=354.9
fwE=1.43
20250718T095457.0001.fits
SecZ=1.01
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=82.8 -4.9
fwAVG=1.51
sdW=97.0
fwW=1.46
sdS=90.5
fwS=1.46
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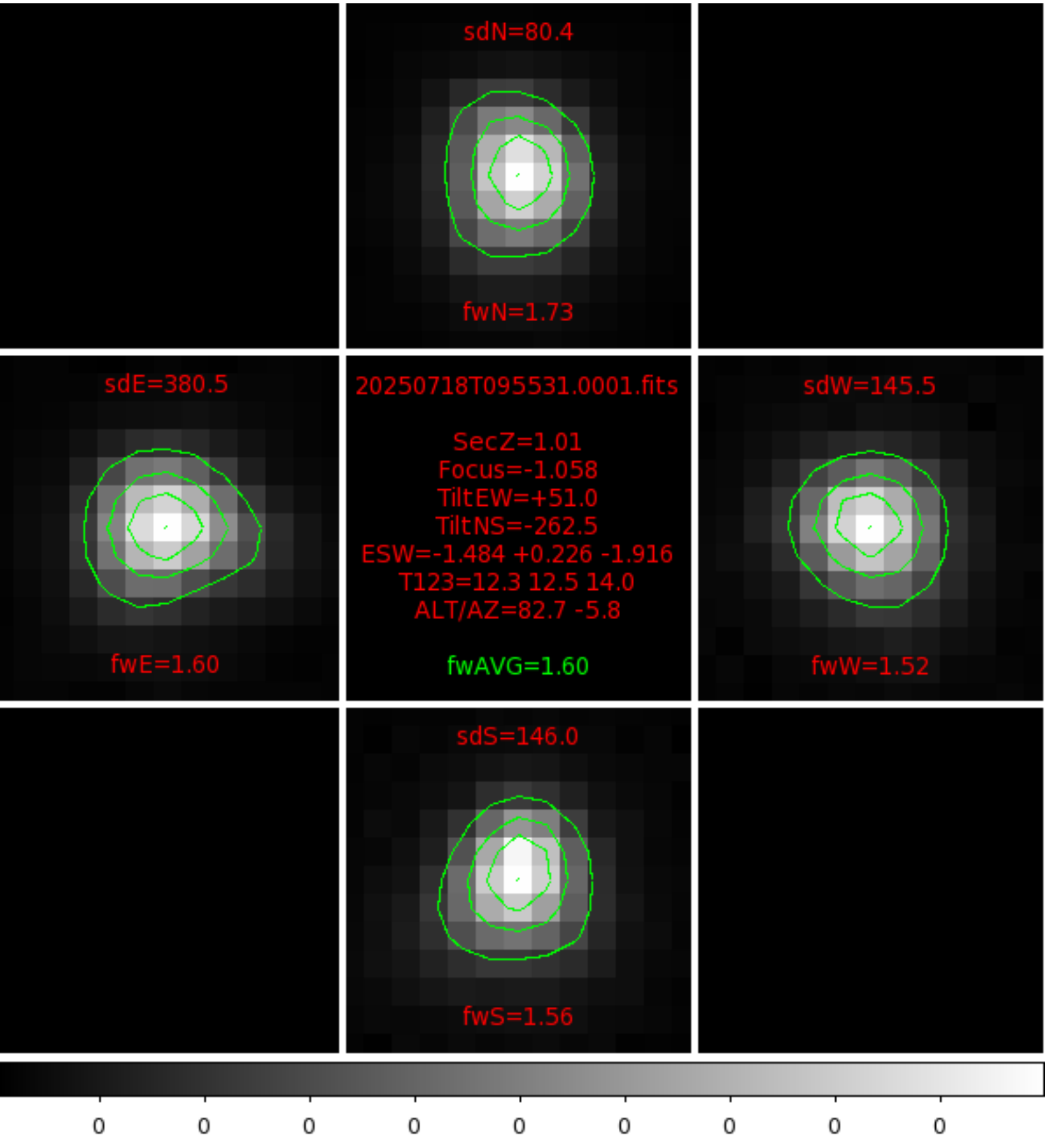
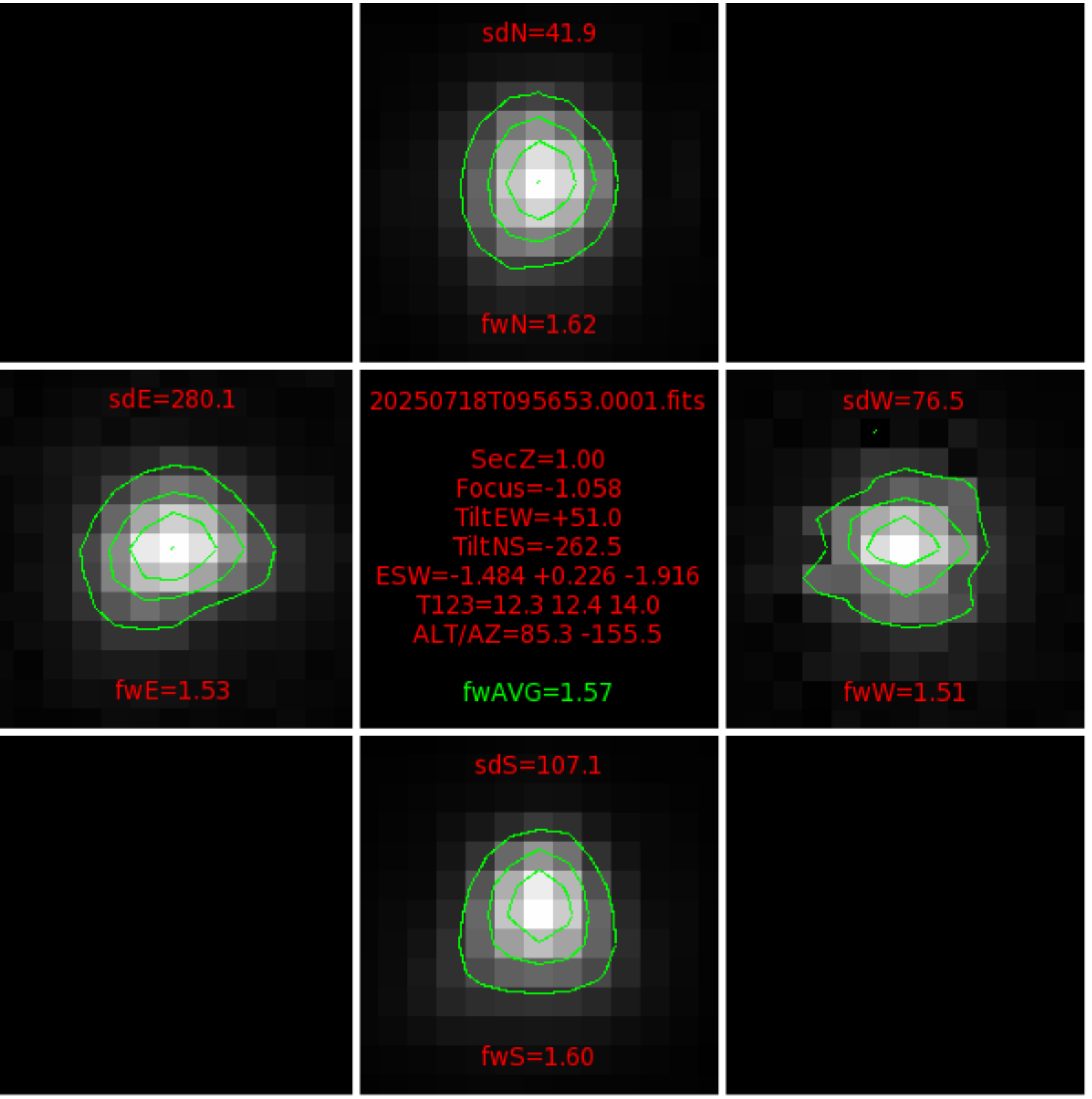

sdN=80.4
fwN=1.73
sdE=380.5
fwE=1.60
20250718T095531.0001.fits
SecZ=1.01
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.5 14.0
ALT/AZ=82.7 -5.8
fwAVG=1.60
sdW=145.5
fwW=1.52
sdS=146.0
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=41.9
fwN=1.62
sdE=280.1
fwE=1.53
20250718T095653.0001.fits
SecZ=1.00
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.4 14.0
ALT/AZ=85.3 -155.5
fwAVG=1.57
sdW=76.5
fwW=1.51
sdS=107.1
fwS=1.60
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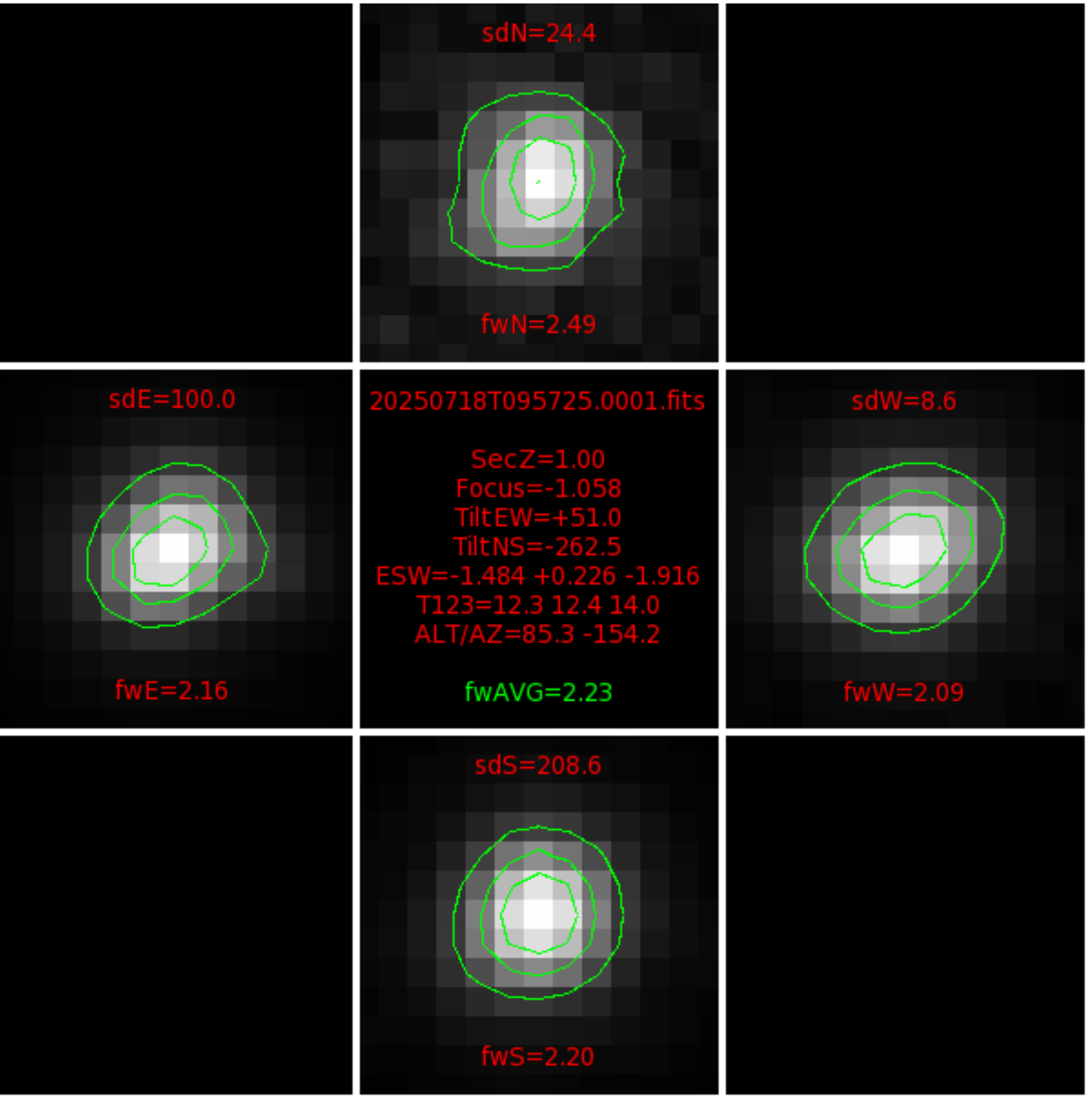
sdN=24.4
fwN=2.49
sdE=100.0
fwE=2.16
20250718T095725.0001.fits
SecZ=1.00
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.4 14.0
ALT/AZ=85.3 -154.2
fwAVG=2.23
sdW=8.6
fwW=2.09
sdS=208.6
fwS=2.20
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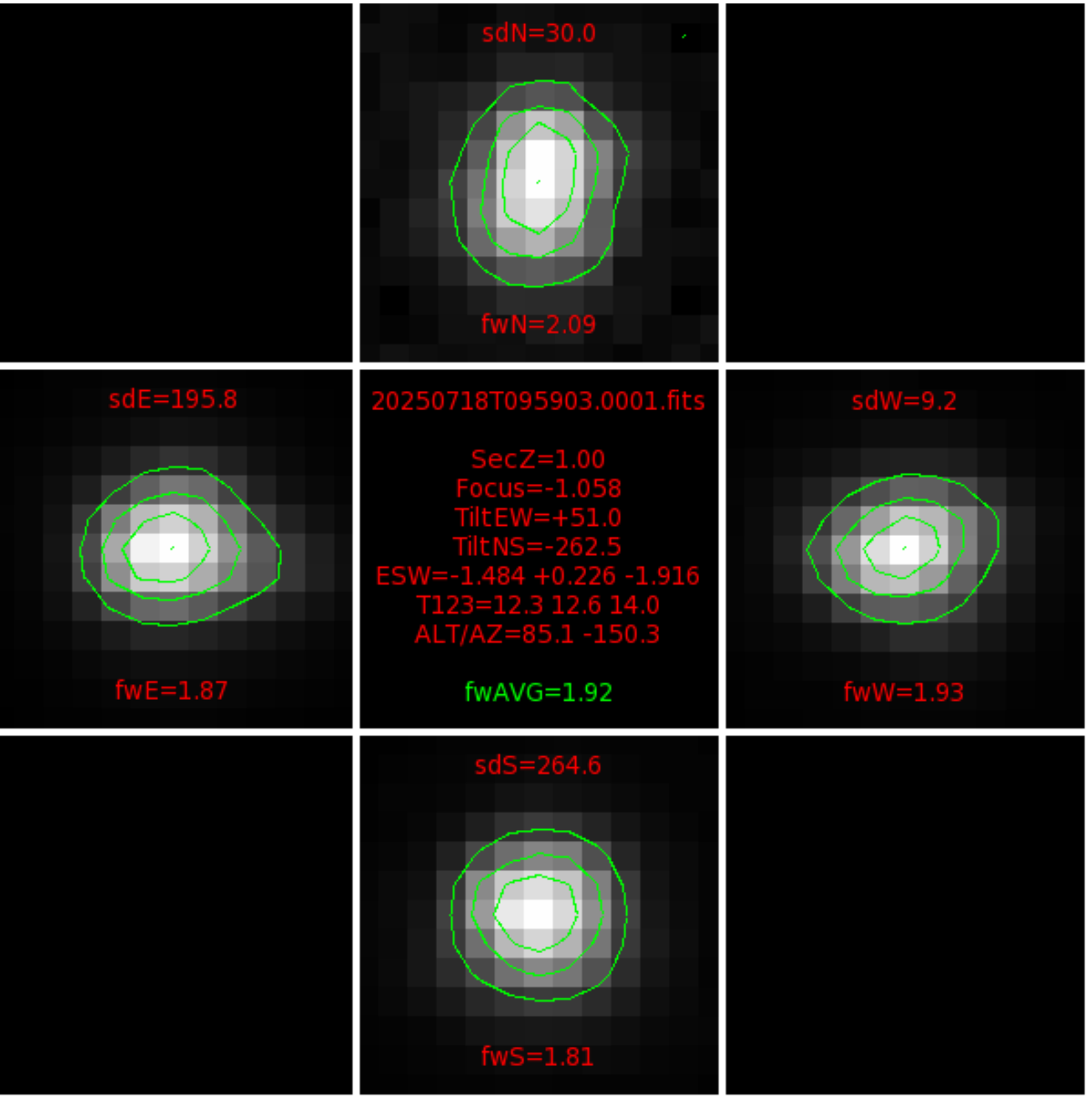
sdN=30.0
fwN=2.09
sdE=195.8
fwE=1.87
20250718T095903.0001.fits
SecZ=1.00
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.6 14.0
ALT/AZ=85.1 -150.3
fwAVG=1.92
sdW=9.2
fwW=1.93
sdS=264.6
fwS=1.81
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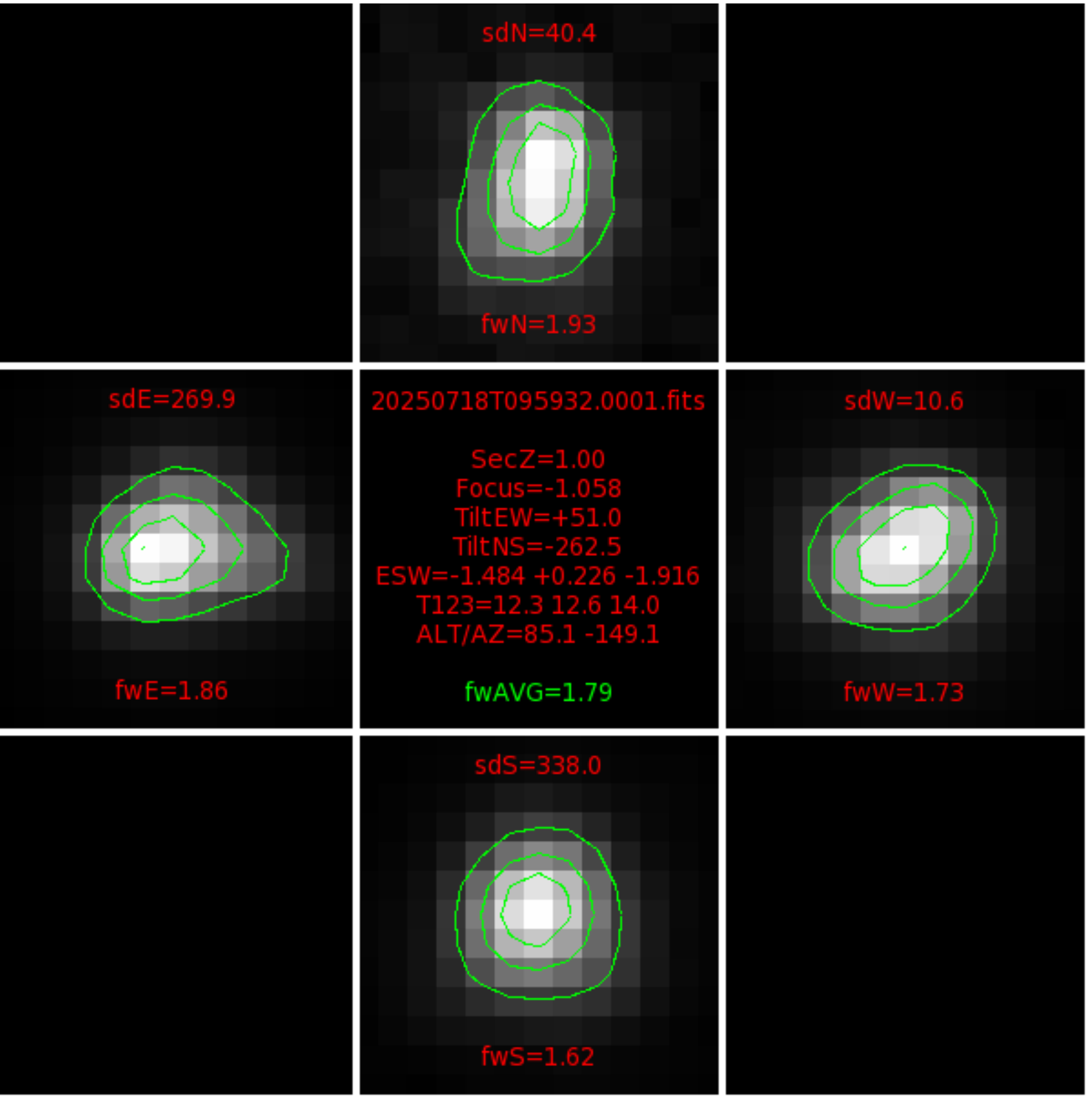
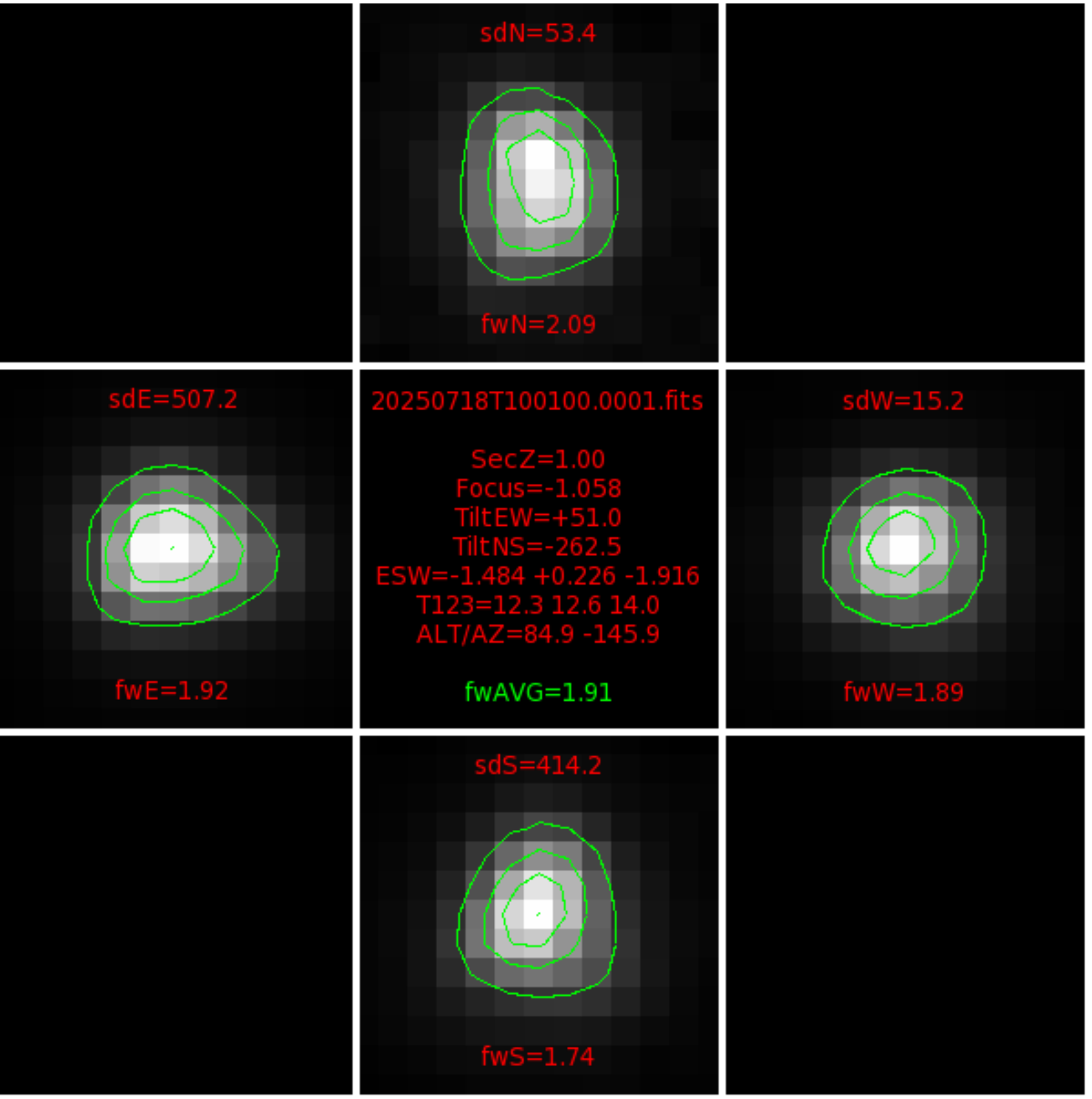

sdN=40.4
fwN=1.93
sdE=269.9
fwE=1.86
20250718T095932.0001.fits
SecZ=1.00
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.6 14.0
ALT/AZ=85.1 -149.1
fwAVG=1.79
sdW=10.6
fwW=1.73
sdS=338.0
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=53.4
fwN=2.09
sdE=507.2
fwE=1.92
20250718T100100.0001.fits
SecZ=1.00
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.6 14.0
ALT/AZ=84.9 -145.9
fwAVG=1.91
sdW=15.2
fwW=1.89
sdS=414.2
fwS=1.74
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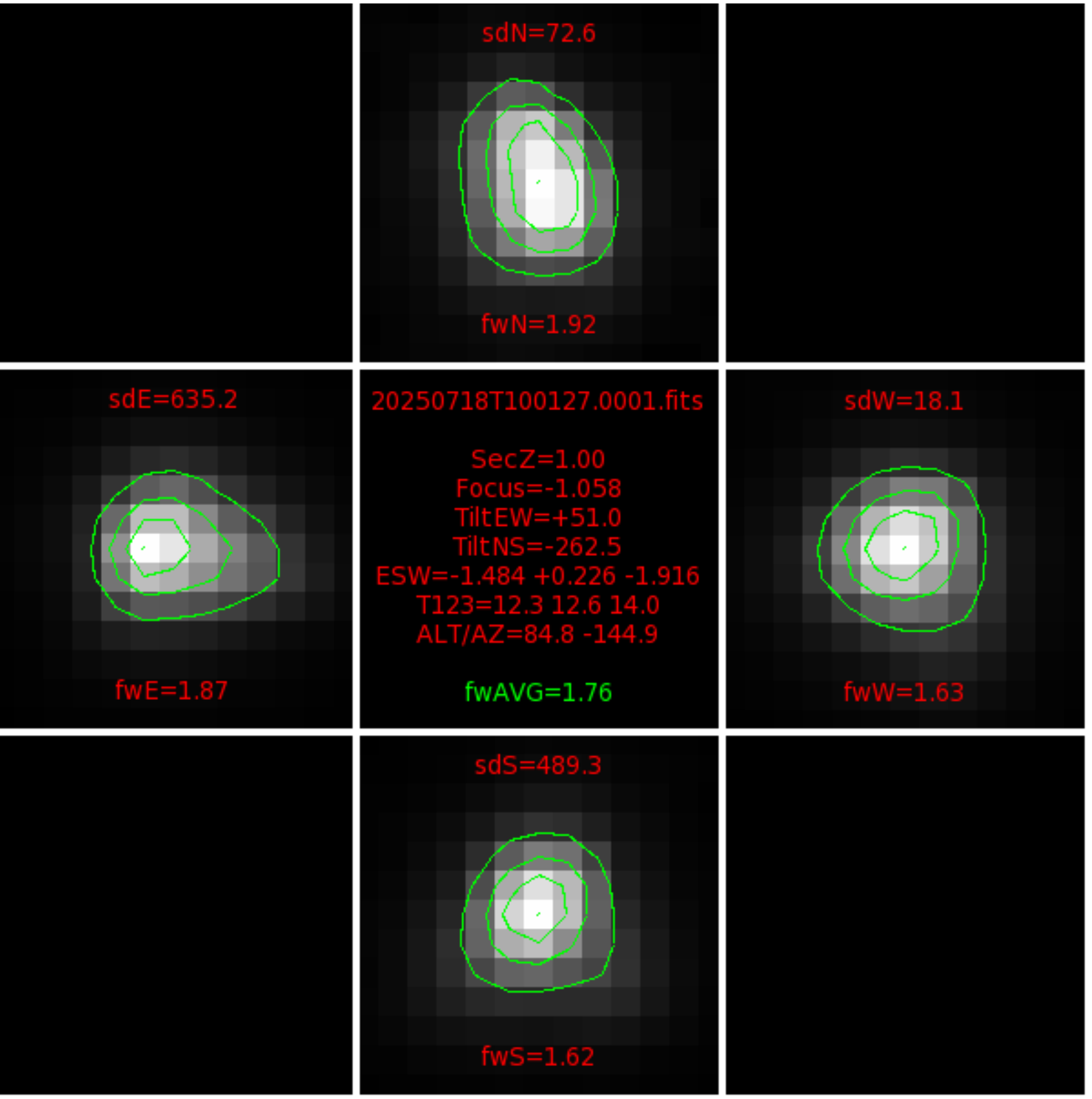
sdN=72.6
fwN=1.92
sdE=635.2
fwE=1.87
20250718T100127.0001.fits
SecZ=1.00
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.6 14.0
ALT/AZ=84.8 -144.9
fwAVG=1.76
sdW=18.1
fwW=1.63
sdS=489.3
fwS=1.62
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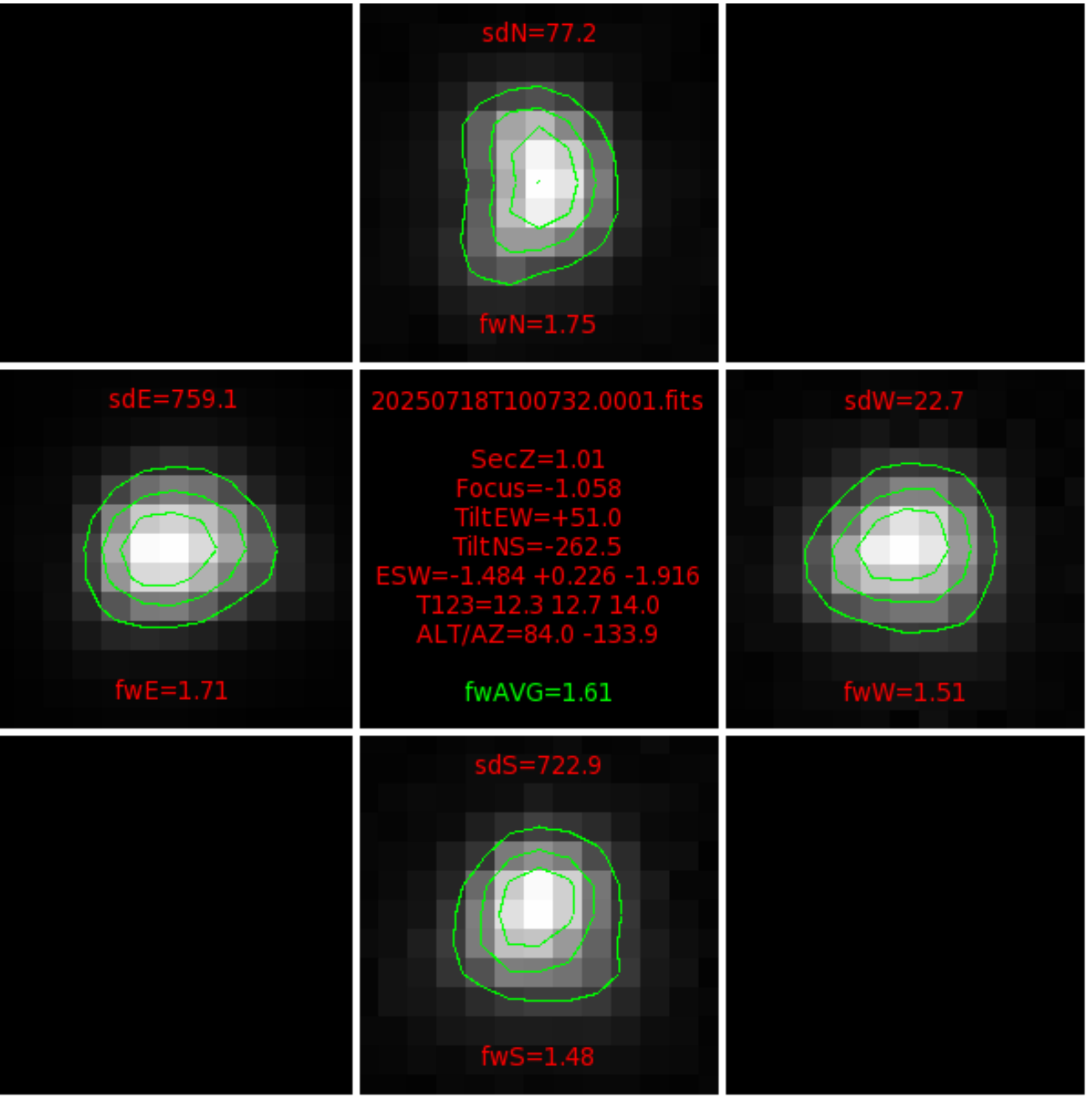
sdN=77.2
fwN=1.75
sdE=759.1
fwE=1.71
20250718T100732.0001.fits
SecZ=1.01
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.7 14.0
ALT/AZ=84.0 -133.9
fwAVG=1.61
sdW=22.7
fwW=1.51
sdS=722.9
fwS=1.48
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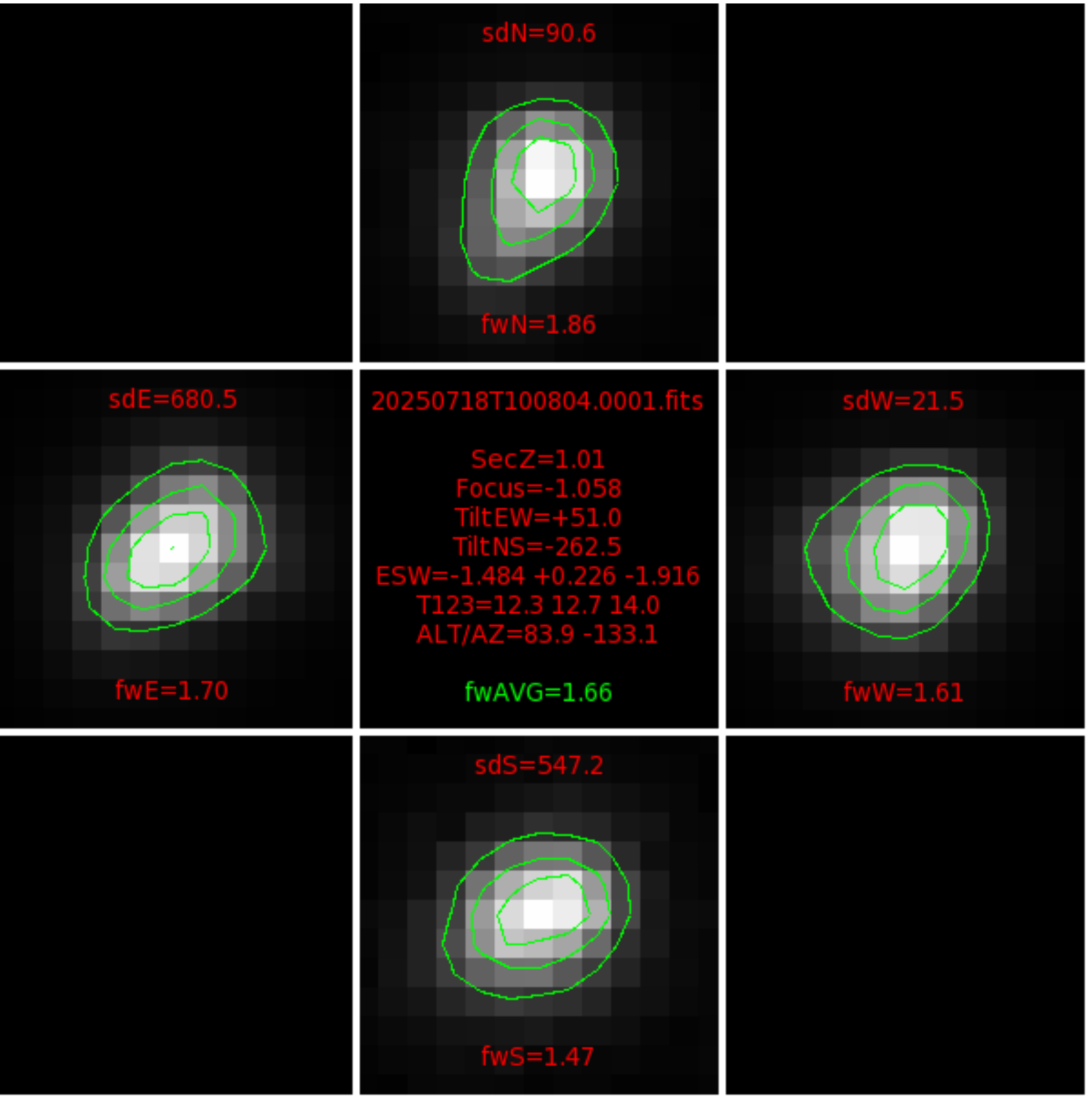
sdN=90.6
fwN=1.86
sdE=680.5
fwE=1.70
20250718T100804.0001.fits
SecZ=1.01
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.7 14.0
ALT/AZ=83.9 -133.1
fwAVG=1.66
sdW=21.5
fwW=1.61
sdS=547.2
fwS=1.47
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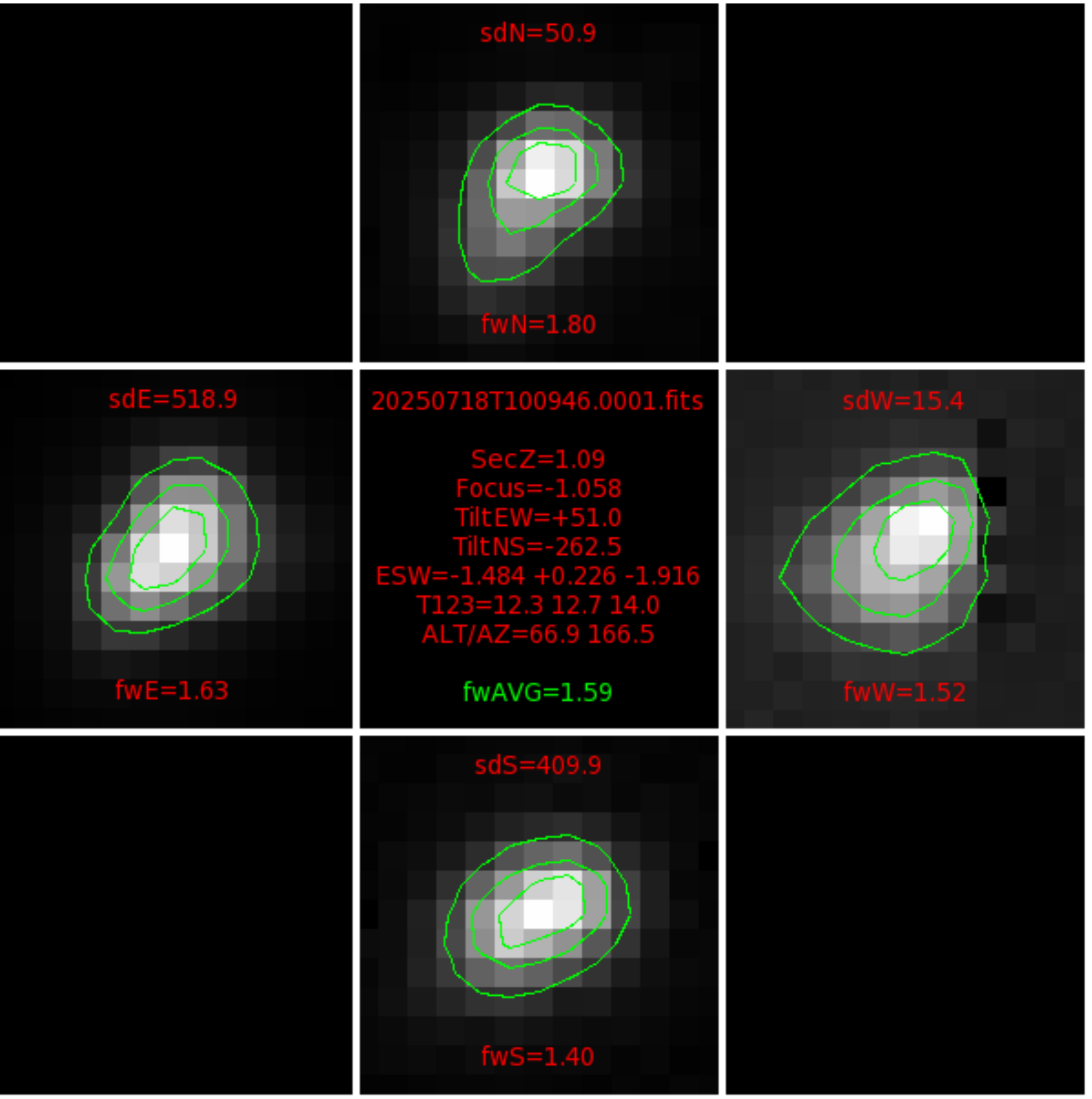
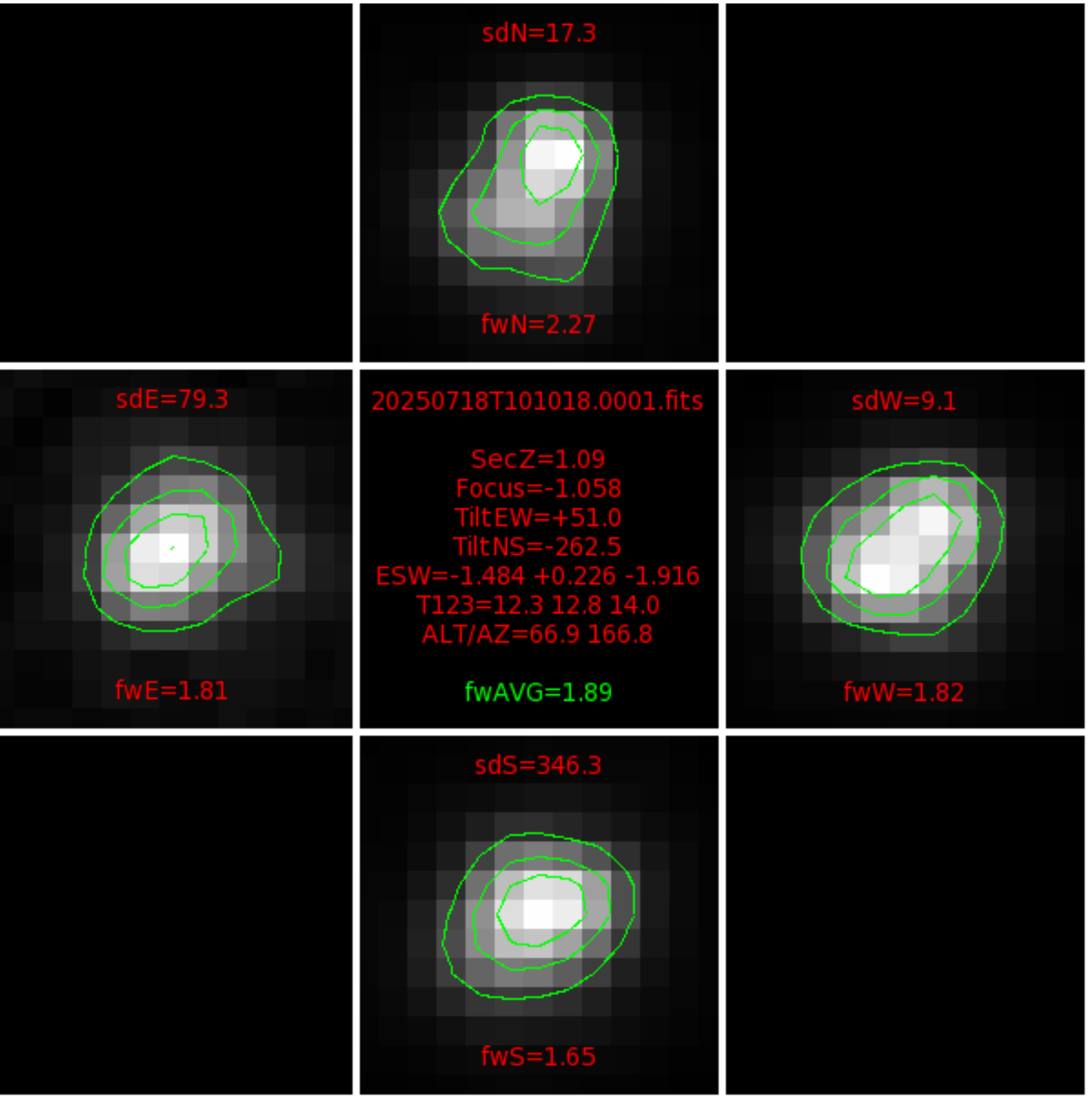
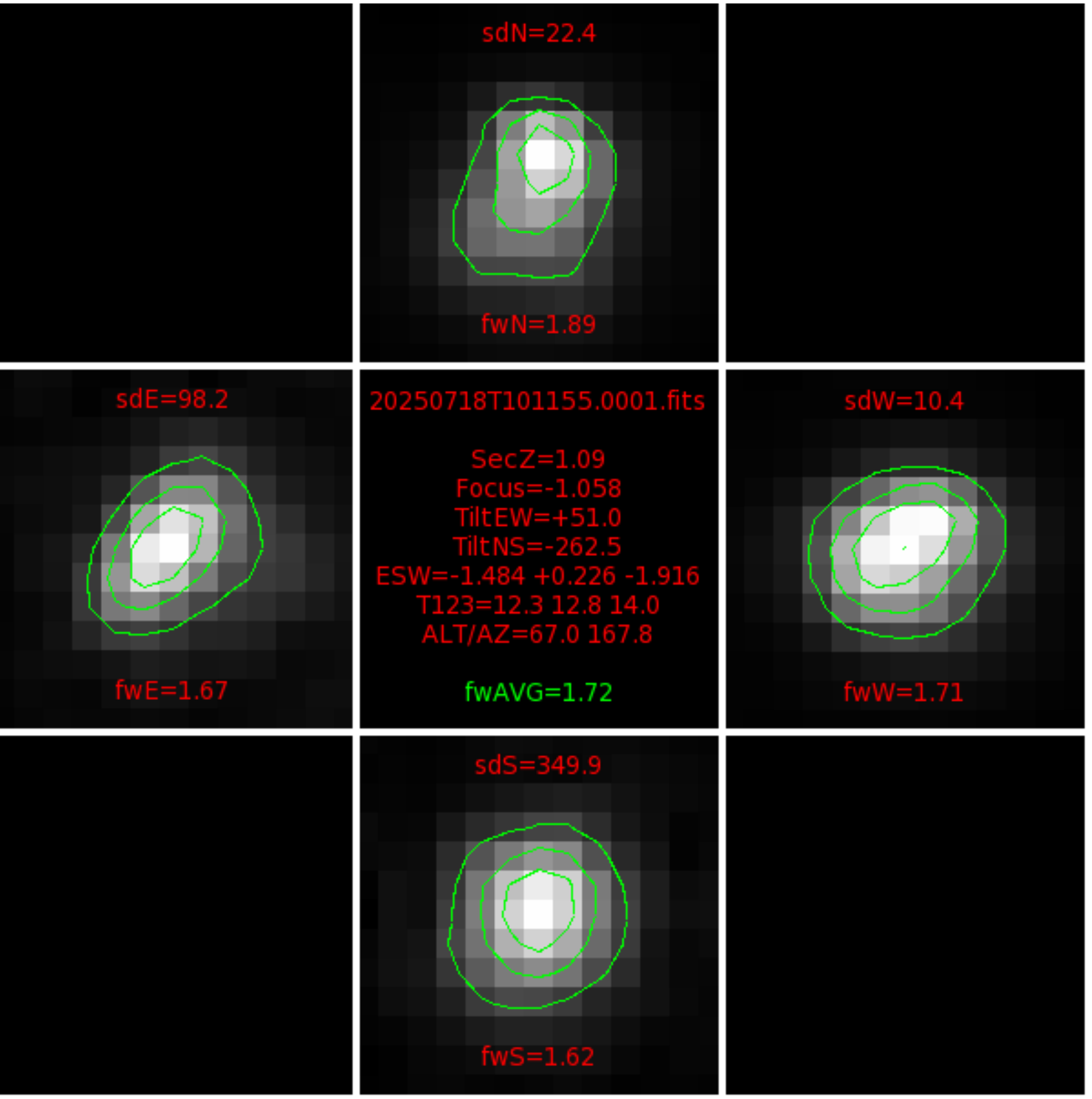

sdN=50.9
fwN=1.80
sdE=518.9
fwE=1.63
20250718T100946.0001.fits
SecZ=1.09
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.7 14.0
ALT/AZ=66.9 166.5
fwAVG=1.59
sdW=15.4
fwW=1.52
sdS=409.9
fwS=1.40
0 0 0 0 0 0 0 0 0


sdN=17.3
fwN=2.27
sdE=79.3
fwE=1.81
20250718T101018.0001.fits
SecZ=1.09
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.8 14.0
ALT/AZ=66.9 166.8
fwAVG=1.89
sdW=9.1
fwW=1.82
sdS=346.3
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=22.4
fwN=1.89
sdE=98.2
fwE=1.67
20250718T101155.0001.fits
SecZ=1.09
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.8 14.0
ALT/AZ=67.0 167.8
fwAVG=1.72
sdW=10.4
fwW=1.71
sdS=349.9
fwS=1.62
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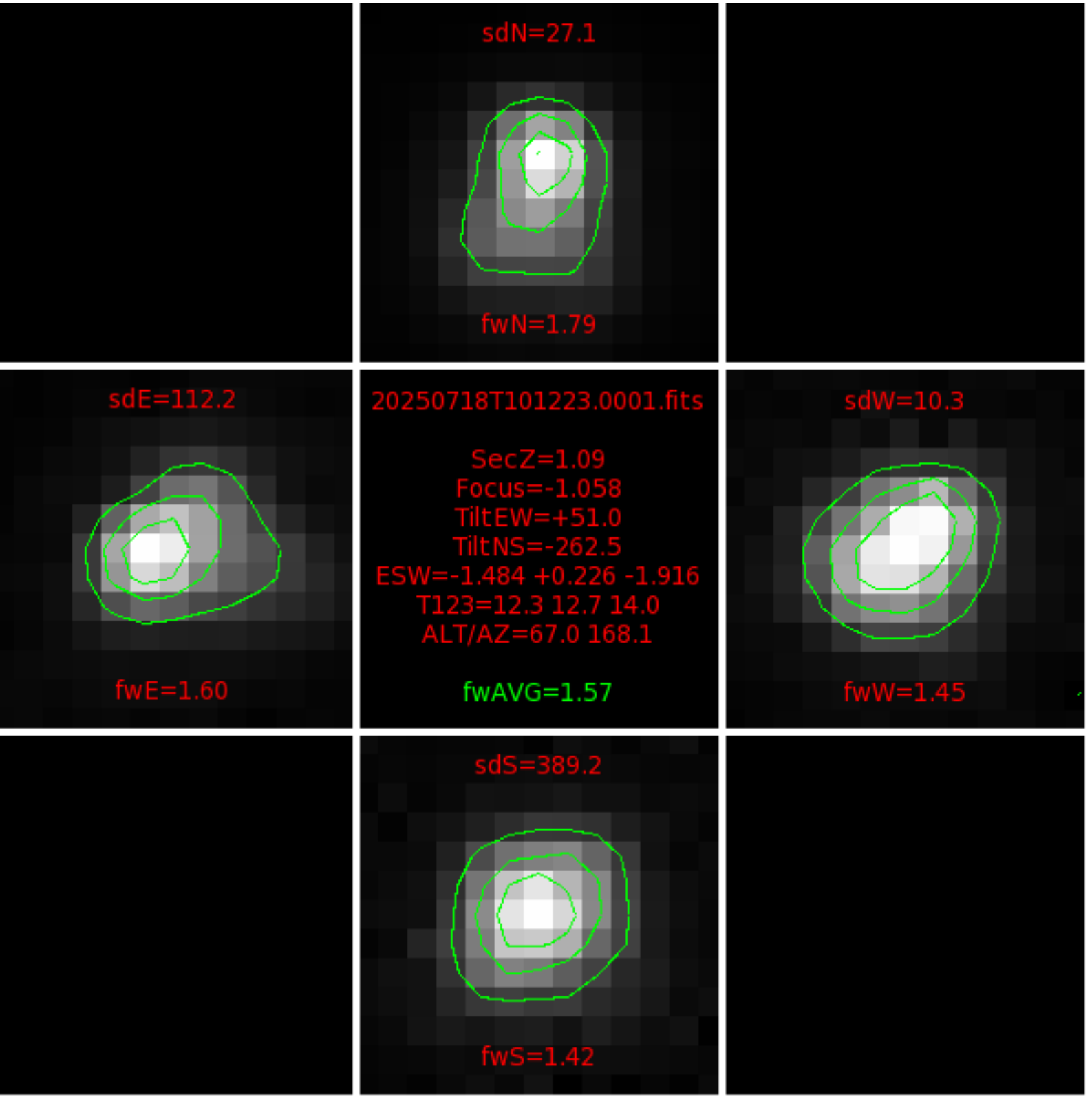
sdN=27.1
fwN=1.79
sdE=112.2
fwE=1.60
20250718T101223.0001.fits
SecZ=1.09
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.7 14.0
ALT/AZ=67.0 168.1
fwAVG=1.57
sdW=10.3
fwW=1.45
sdS=389.2
fwS=1.42
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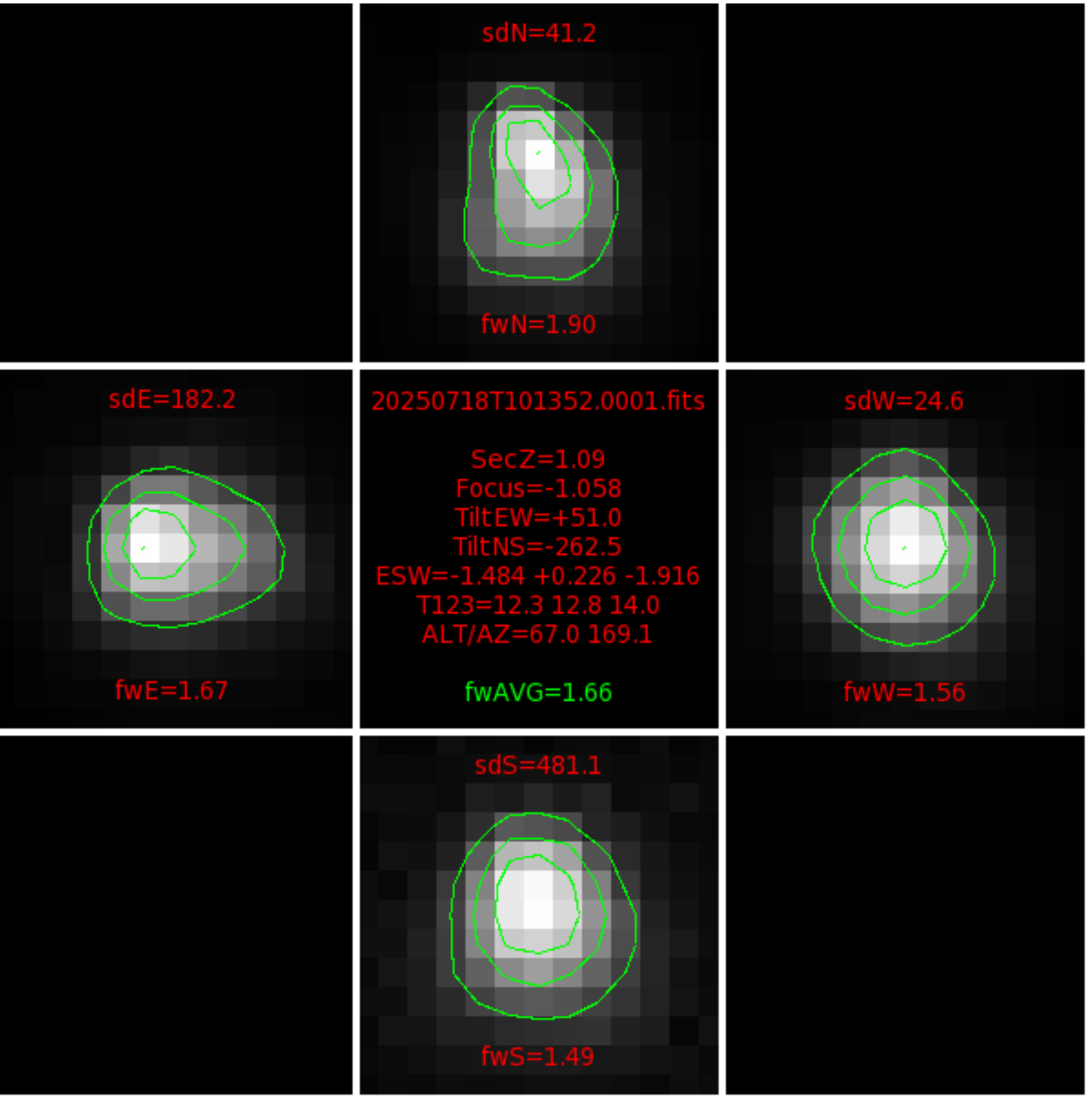
sdN=41.2
fwN=1.90
sdE=182.2
fwE=1.67
20250718T101352.0001.fits
SecZ=1.09
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.8 14.0
ALT/AZ=67.0 169.1
fwAVG=1.66
sdW=24.6
fwW=1.56
sdS=481.1
fwS=1.49
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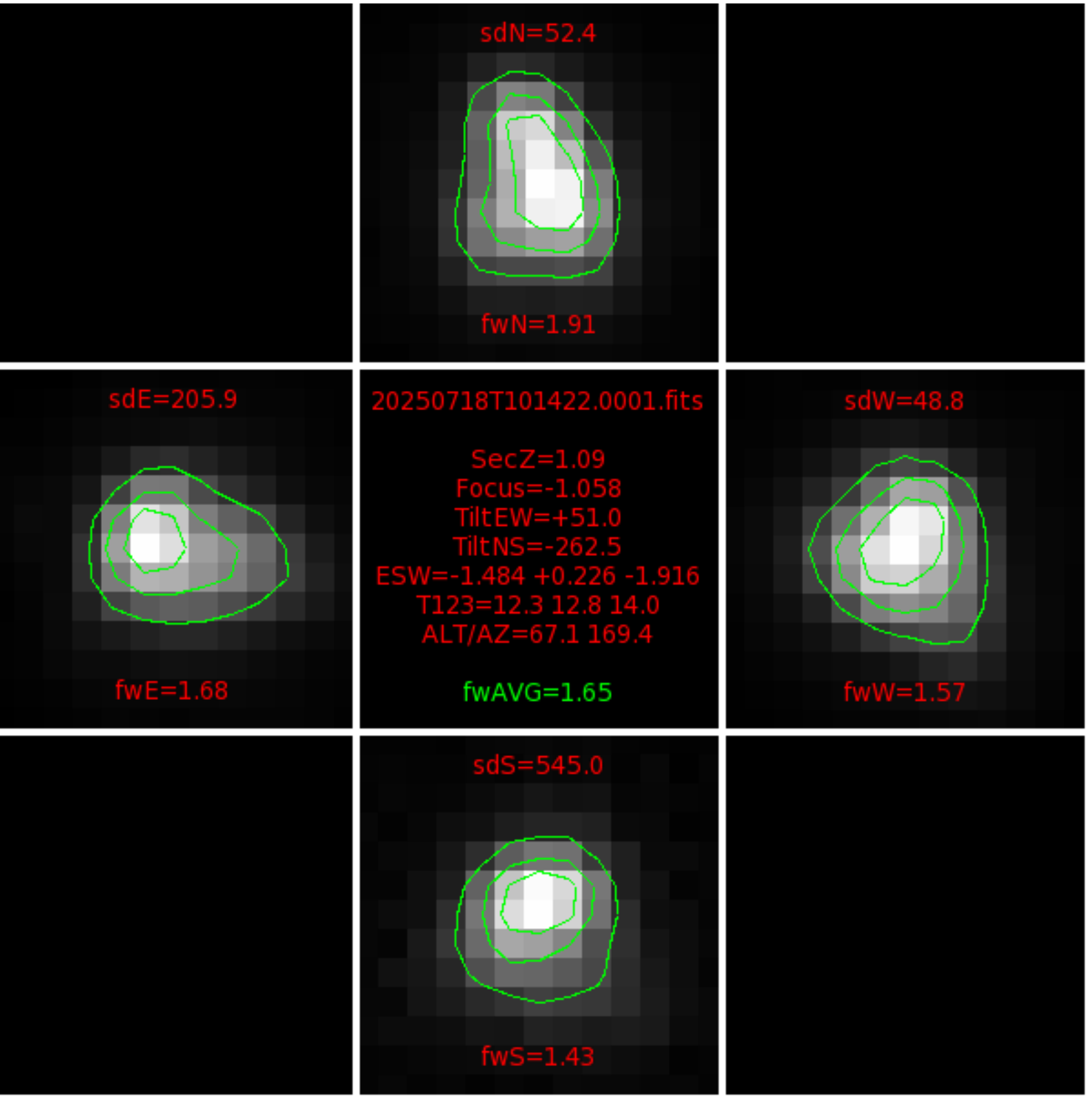
sdN=52.4
fwN=1.91
sdE=205.9
fwE=1.68
20250718T101422.0001.fits
SecZ=1.09
Focus=-1.058
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.484 +0.226 -1.916
T123=12.3 12.8 14.0
ALT/AZ=67.1 169.4
fwAVG=1.65
sdW=48.8
fwW=1.57
sdS=545.0
fwS=1.43
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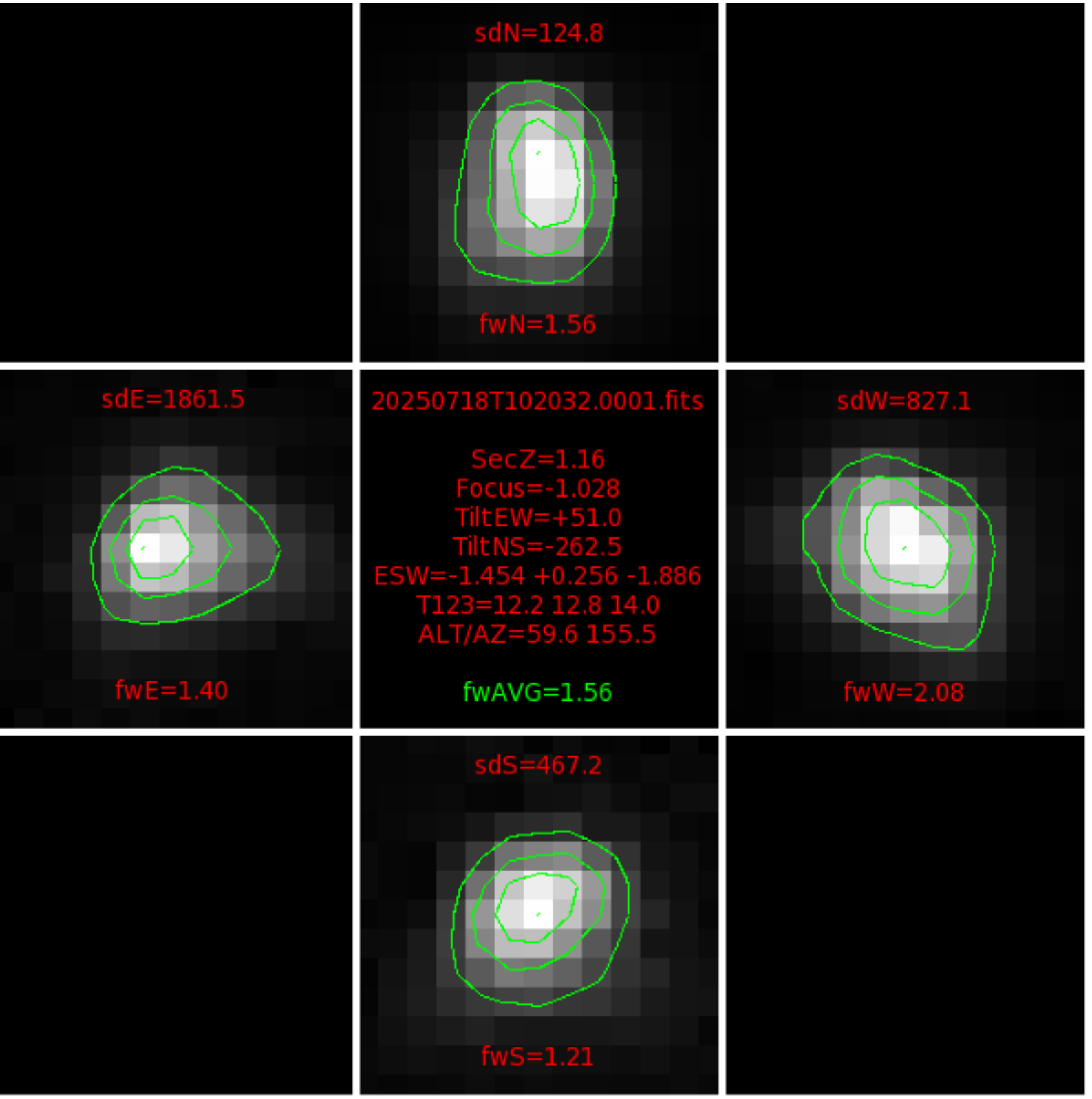
sdN=124.8
fwN=1.56
sdE=1861.5
fwE=1.40
20250718T102032.0001.fits
SecZ=1.16
Focus=-1.028
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.454 +0.256 -1.886
T123=12.2 12.8 14.0
ALT/AZ=59.6 155.5
fwAVG=1.56
sdW=827.1
fwW=2.08
sdS=467.2
fwS=1.21
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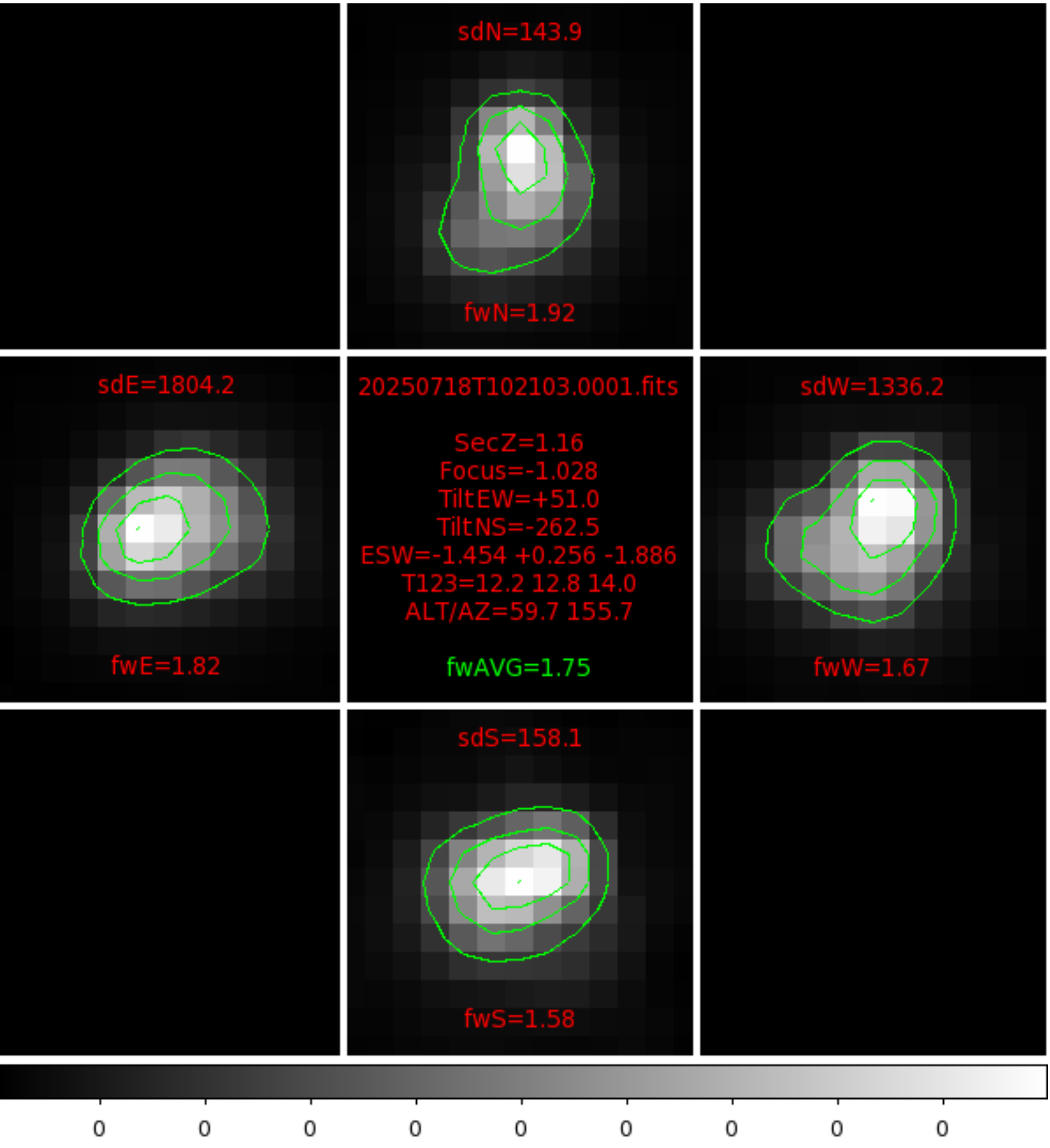
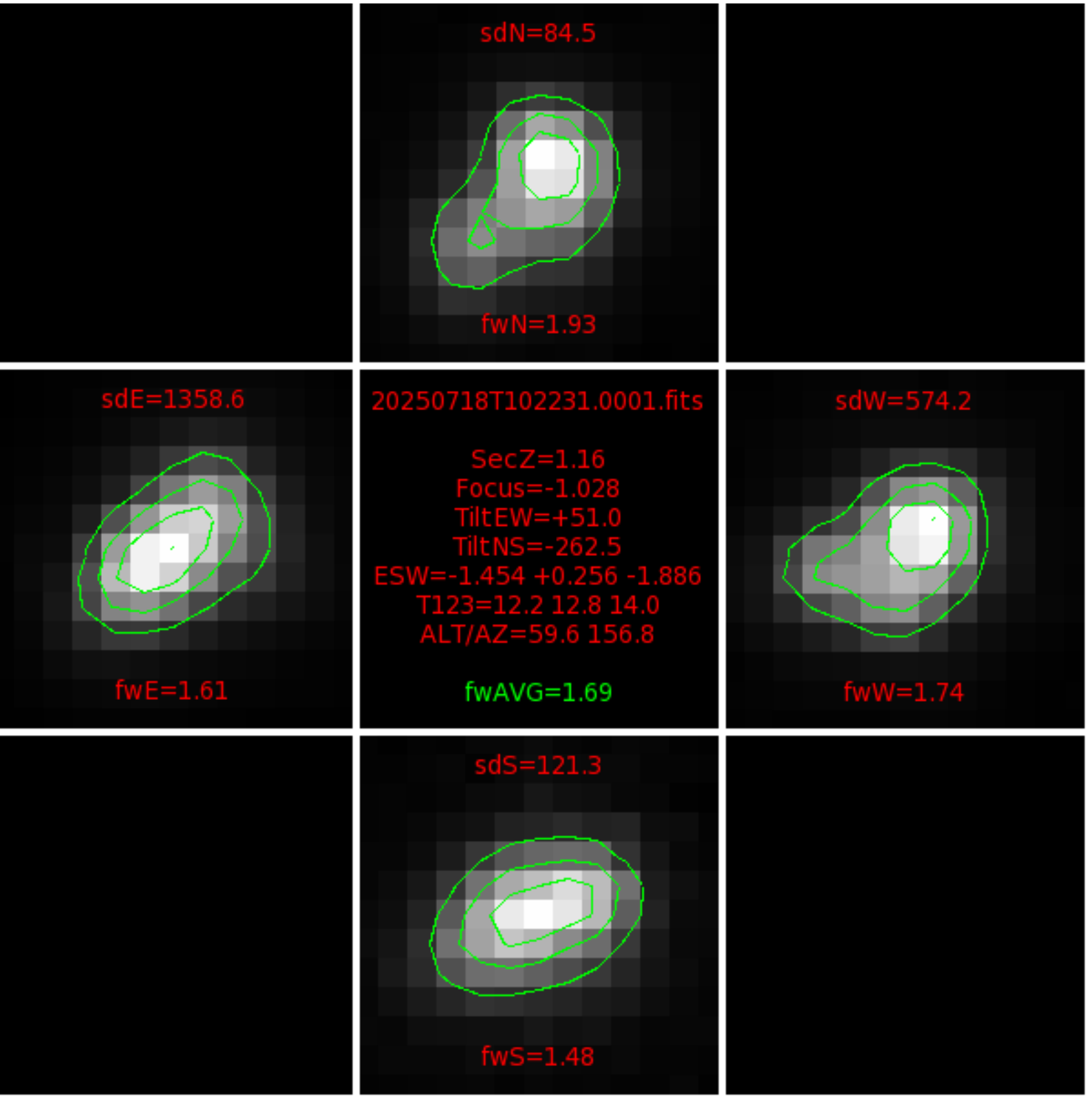

sdN=143.9
fwN=1.92
sdE=1804.2
fwE=1.82
20250718T102103.0001.fits
SecZ=1.16
Focus=-1.028
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.454 +0.256 -1.886
T123=12.2 12.8 14.0
ALT/AZ=59.7 155.7
fwAVG=1.75
sdW=1336.2
fwW=1.67
sdS=158.1
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=84.5
fwN=1.93
sdE=1358.6
fwE=1.61
20250718T102231.0001.fits
SecZ=1.16
Focus=-1.028
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.454 +0.256 -1.886
T123=12.2 12.8 14.0
ALT/AZ=59.6 156.8
fwAVG=1.69
sdW=574.2
fwW=1.74
sdS=121.3
fwS=1.48
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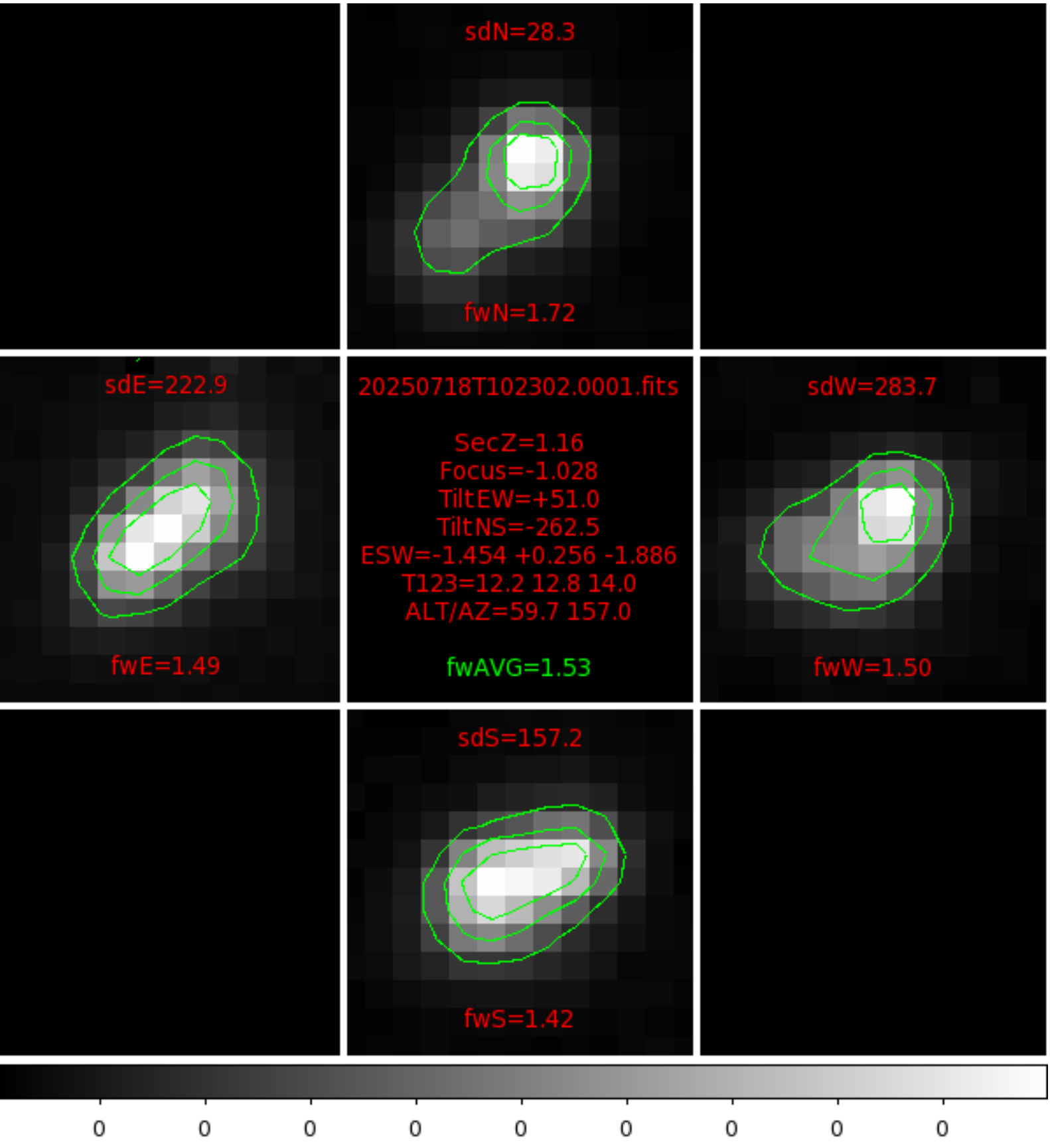
sdN=28.3
fwN=1.72
sdE=222.9
fwE=1.49
20250718T102302.0001.fits
SecZ=1.16
Focus=-1.028
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.454 +0.256 -1.886
T123=12.2 12.8 14.0
ALT/AZ=59.7 157.0
fwAVG=1.53
sdW=283.7
fwW=1.50
sdS=157.2
fwS=1.42
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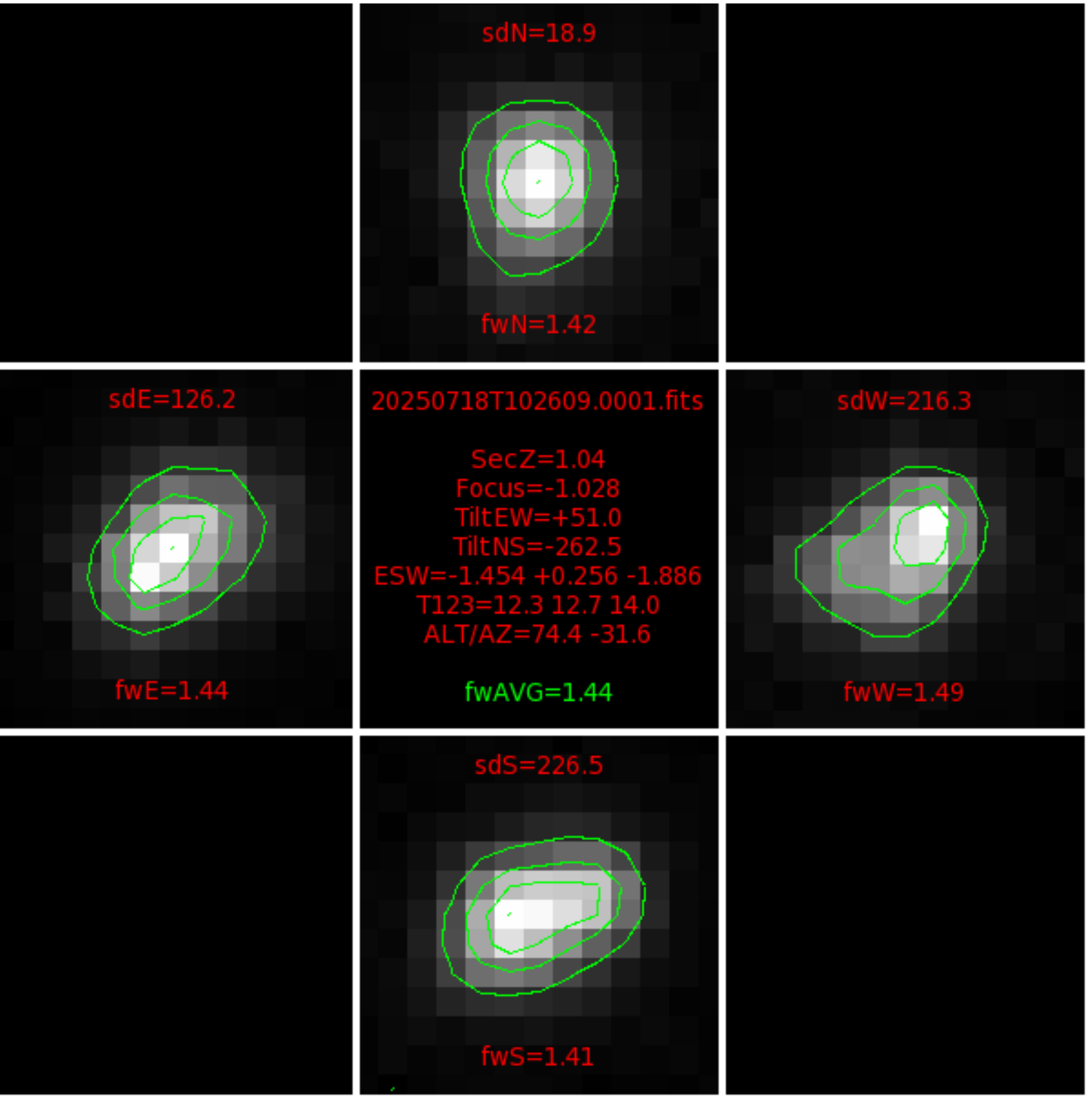
sdN=18.9
fwN=1.42
sdE=126.2
fwE=1.44
20250718T102609.0001.fits
SecZ=1.04
Focus=-1.028
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.454 +0.256 -1.886
T123=12.3 12.7 14.0
ALT/AZ=74.4 -31.6
fwAVG=1.44
sdW=216.3
fwW=1.49
sdS=226.5
fwS=1.41
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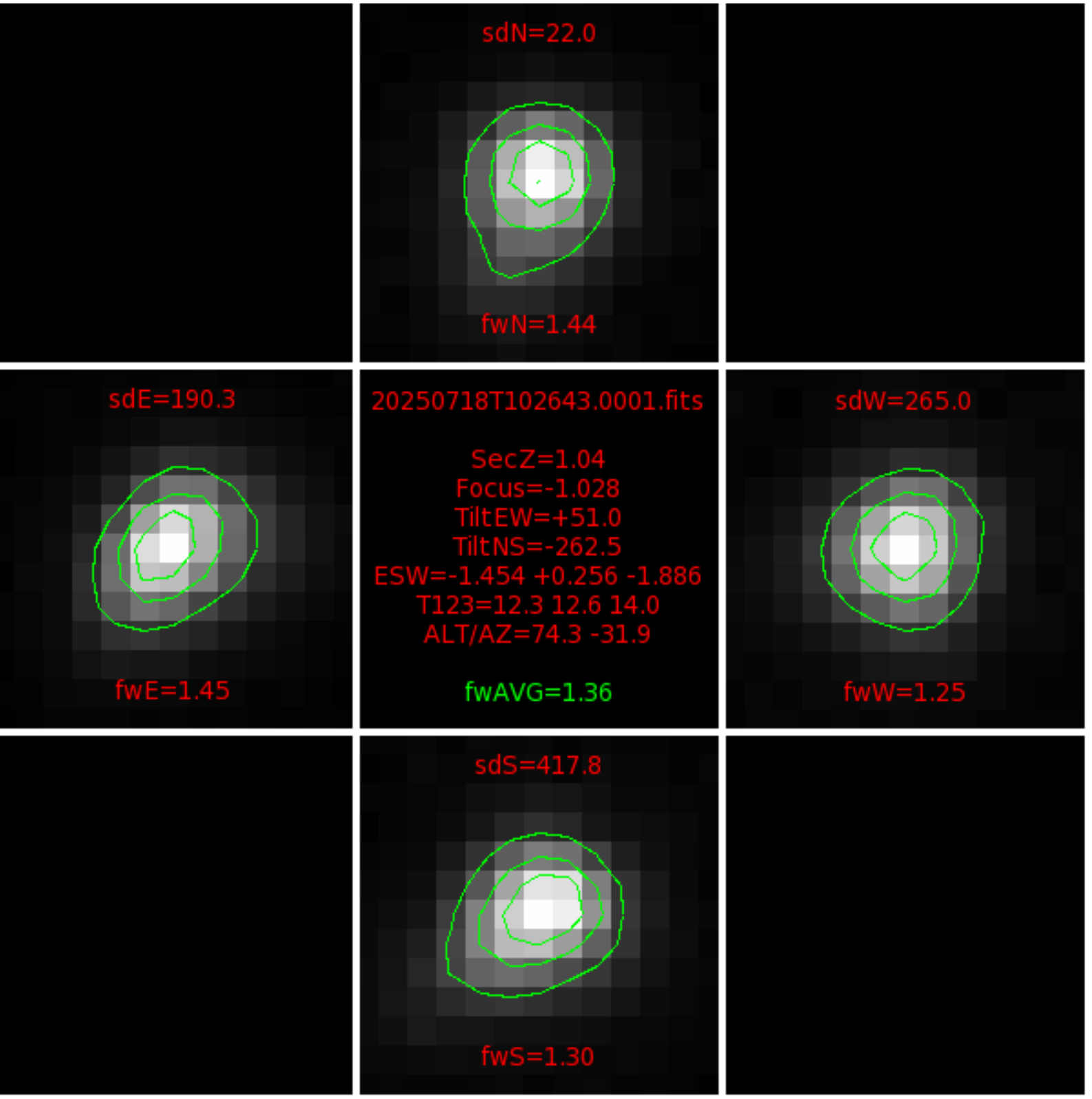
sdN=22.0
fwN=1.44
sdE=190.3
fwE=1.45
20250718T102643.0001.fits
SecZ=1.04
Focus=-1.028
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.454 +0.256 -1.886
T123=12.3 12.6 14.0
ALT/AZ=74.3 -31.9
fwAVG=1.36
sdW=265.0
fwW=1.25
sdS=417.8
fwS=1.30
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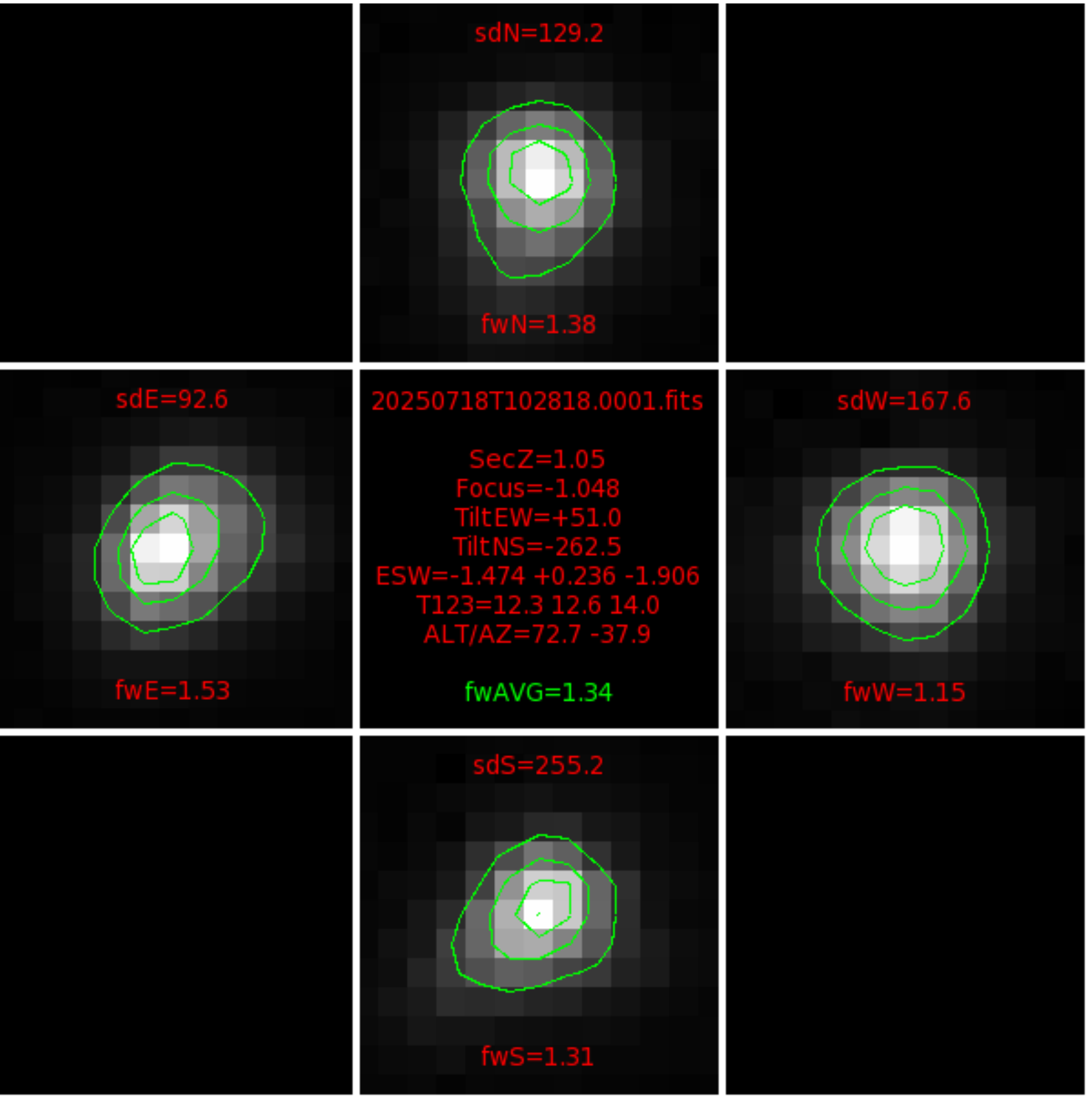
sdN=129.2
fwN=1.38
sdE=92.6
fwE=1.53
20250718T102818.0001.fits
SecZ=1.05
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.3 12.6 14.0
ALT/AZ=72.7 -37.9
fwAVG=1.34
sdW=167.6
fwW=1.15
sdS=255.2
fwS=1.31
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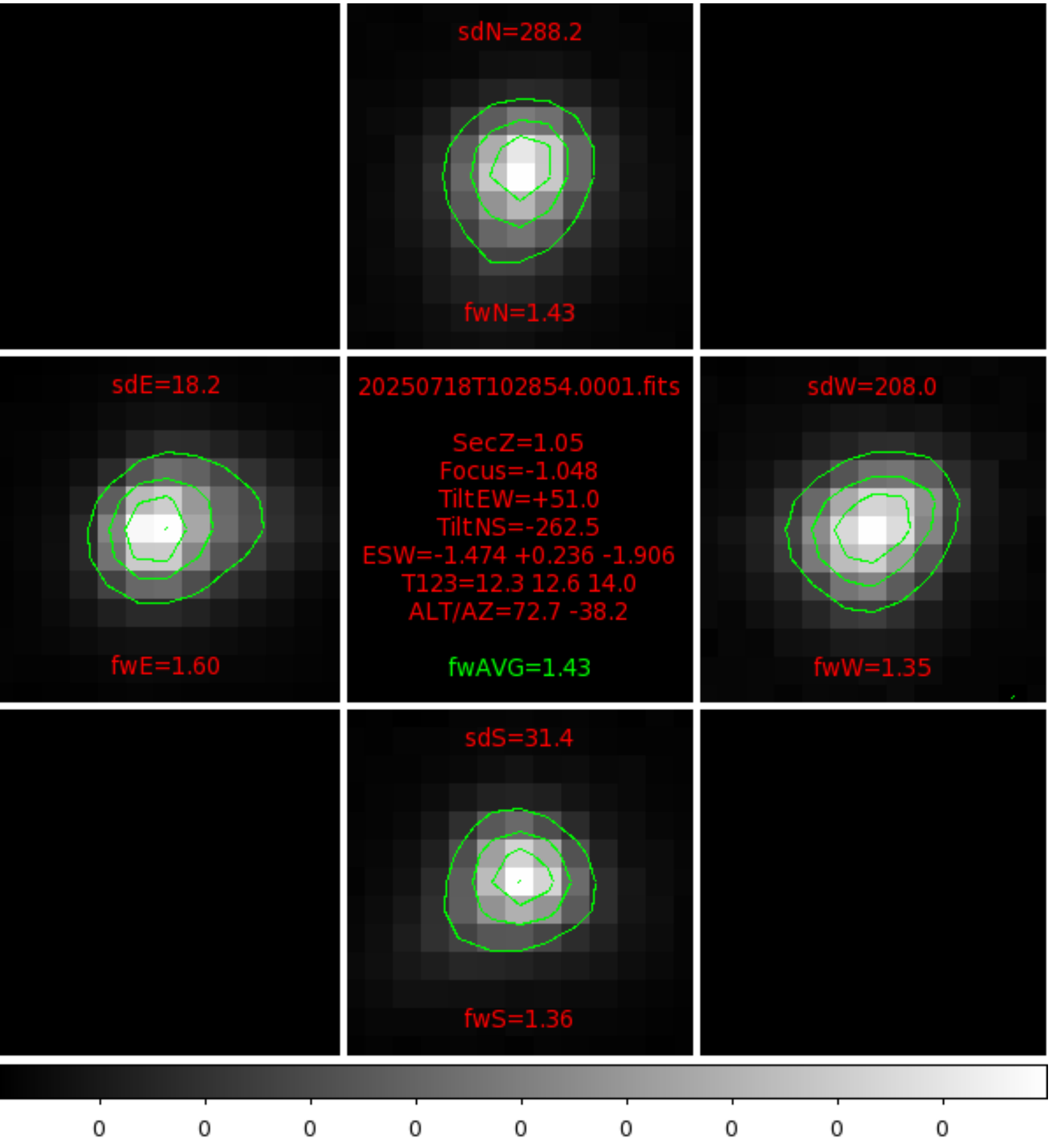
sdN=288.2
fwN=1.43
sdE=18.2
fwE=1.60
20250718T102854.0001.fits
SecZ=1.05
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.3 12.6 14.0
ALT/AZ=72.7 -38.2
fwAVG=1.43
sdW=208.0
fwW=1.35
sdS=31.4
fwS=1.36
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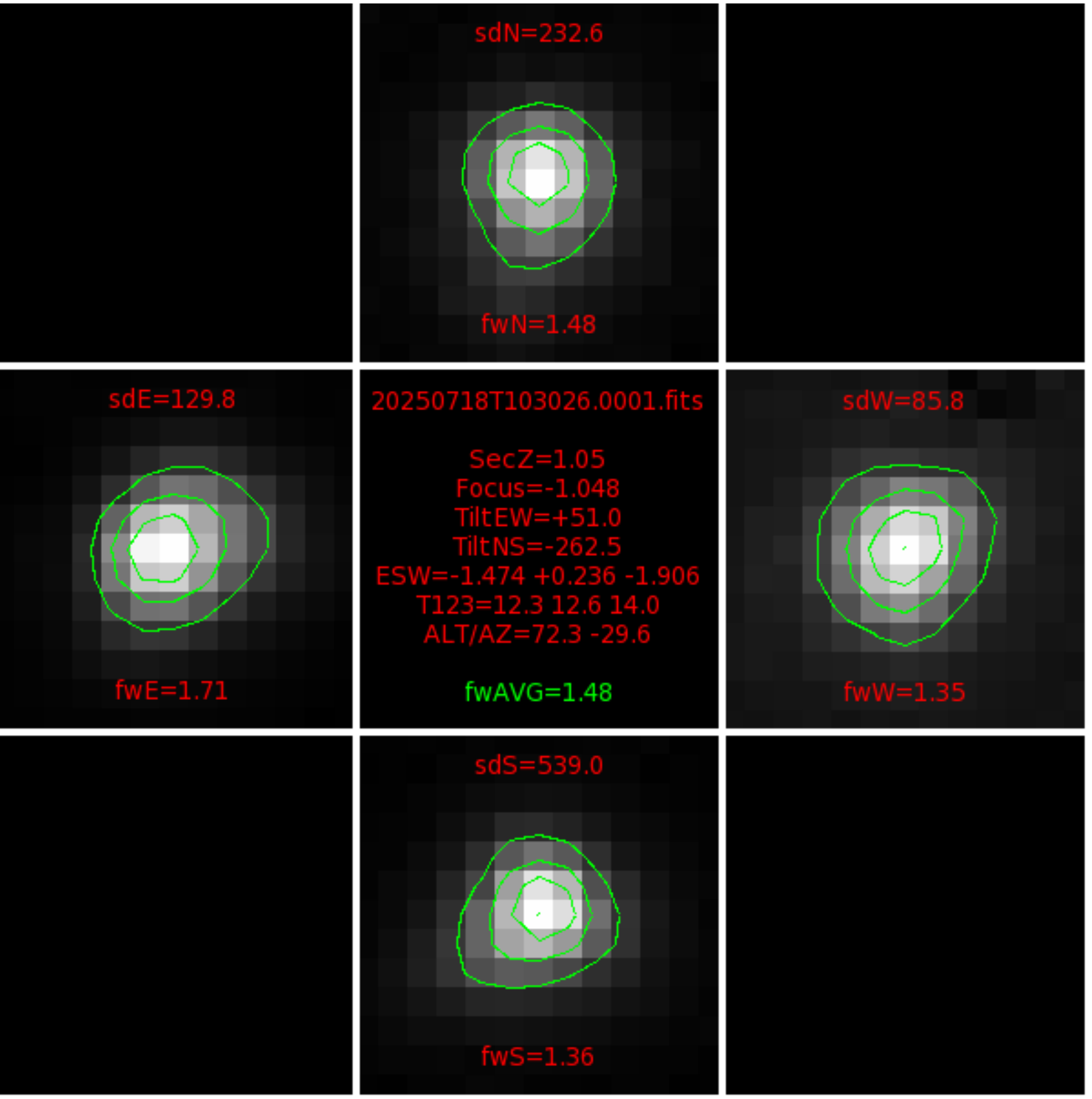
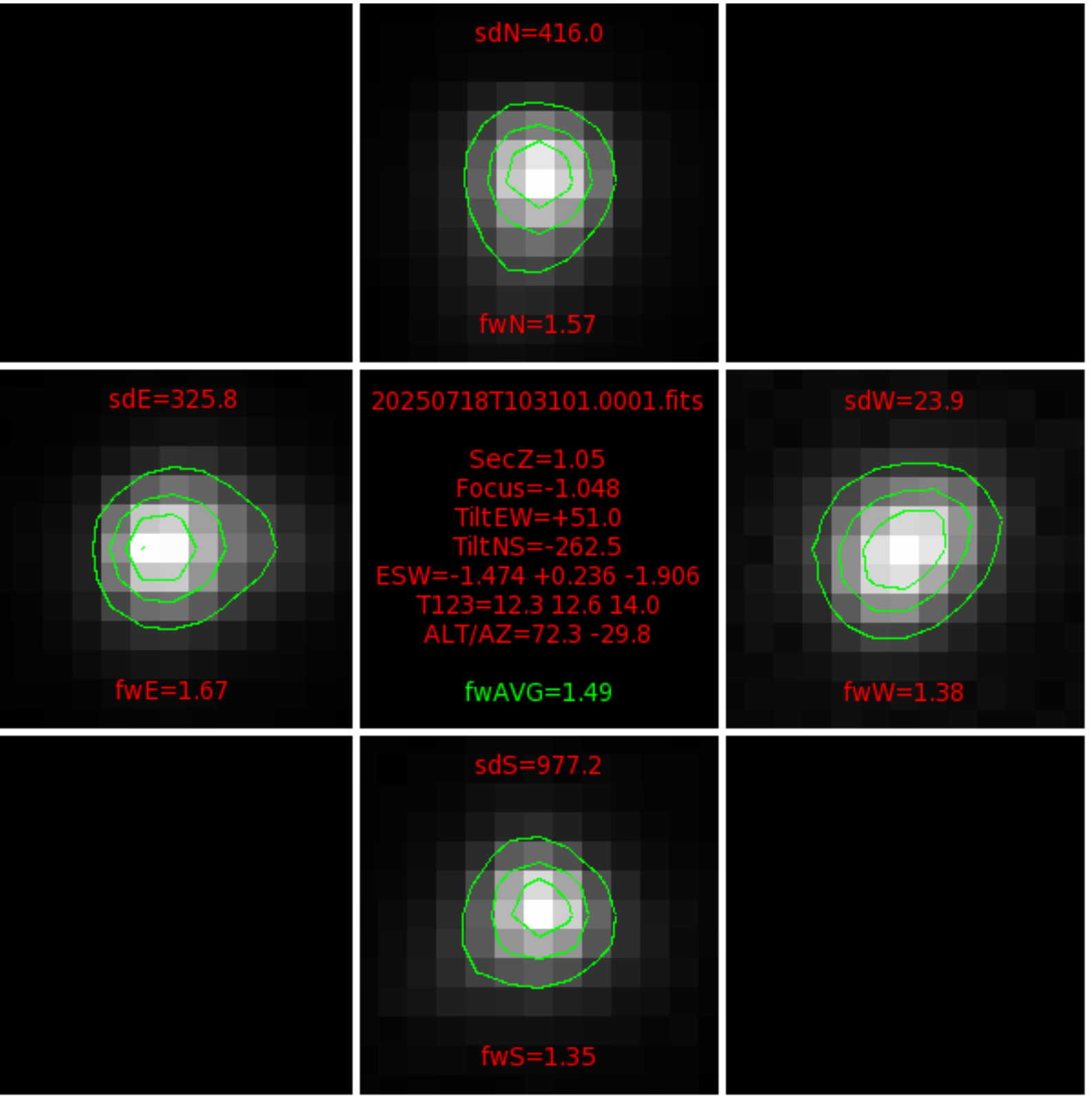
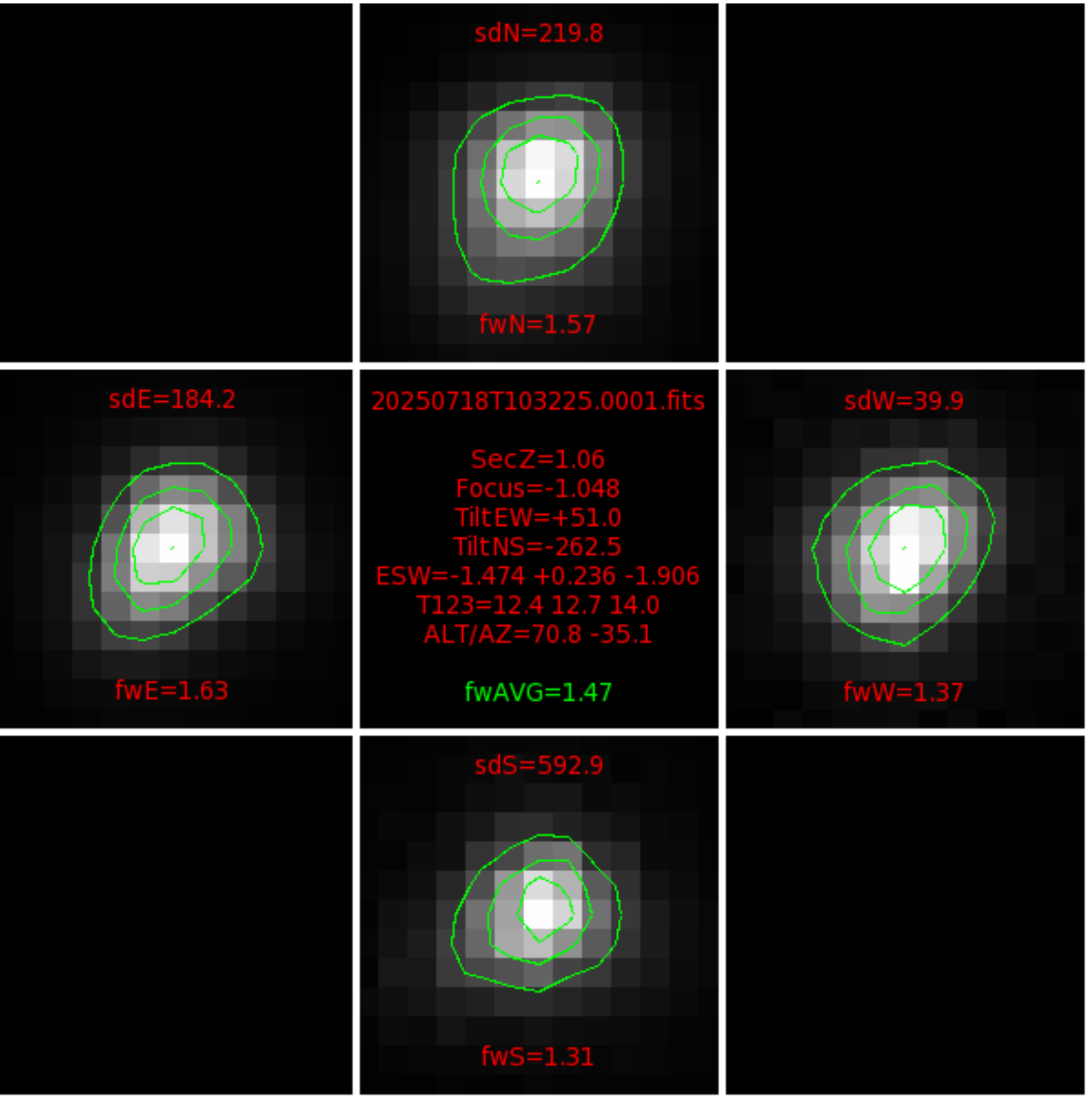

sdN=232.6
fwN=1.48
sdE=129.8
fwE=1.71
20250718T103026.0001.fits
SecZ=1.05
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.3 12.6 14.0
ALT/AZ=72.3 -29.6
fwAVG=1.48
sdW=85.8
fwW=1.35
sdS=539.0
fwS=1.36
0 0 0 0 0 0 0 0 0


sdN=416.0
fwN=1.57
sdE=325.8
fwE=1.67
20250718T103101.0001.fits
SecZ=1.05
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.3 12.6 14.0
ALT/AZ=72.3 -29.8
fwAVG=1.49
sdW=23.9
fwW=1.38
sdS=977.2
fwS=1.35
0 0 0 0 0 0 0 0 0


sdN=219.8
fwN=1.57
sdE=184.2
fwE=1.63
20250718T103225.0001.fits
SecZ=1.06
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.4 12.7 14.0
ALT/AZ=70.8 -35.1
fwAVG=1.47
sdW=39.9
fwW=1.37
sdS=592.9
fwS=1.31
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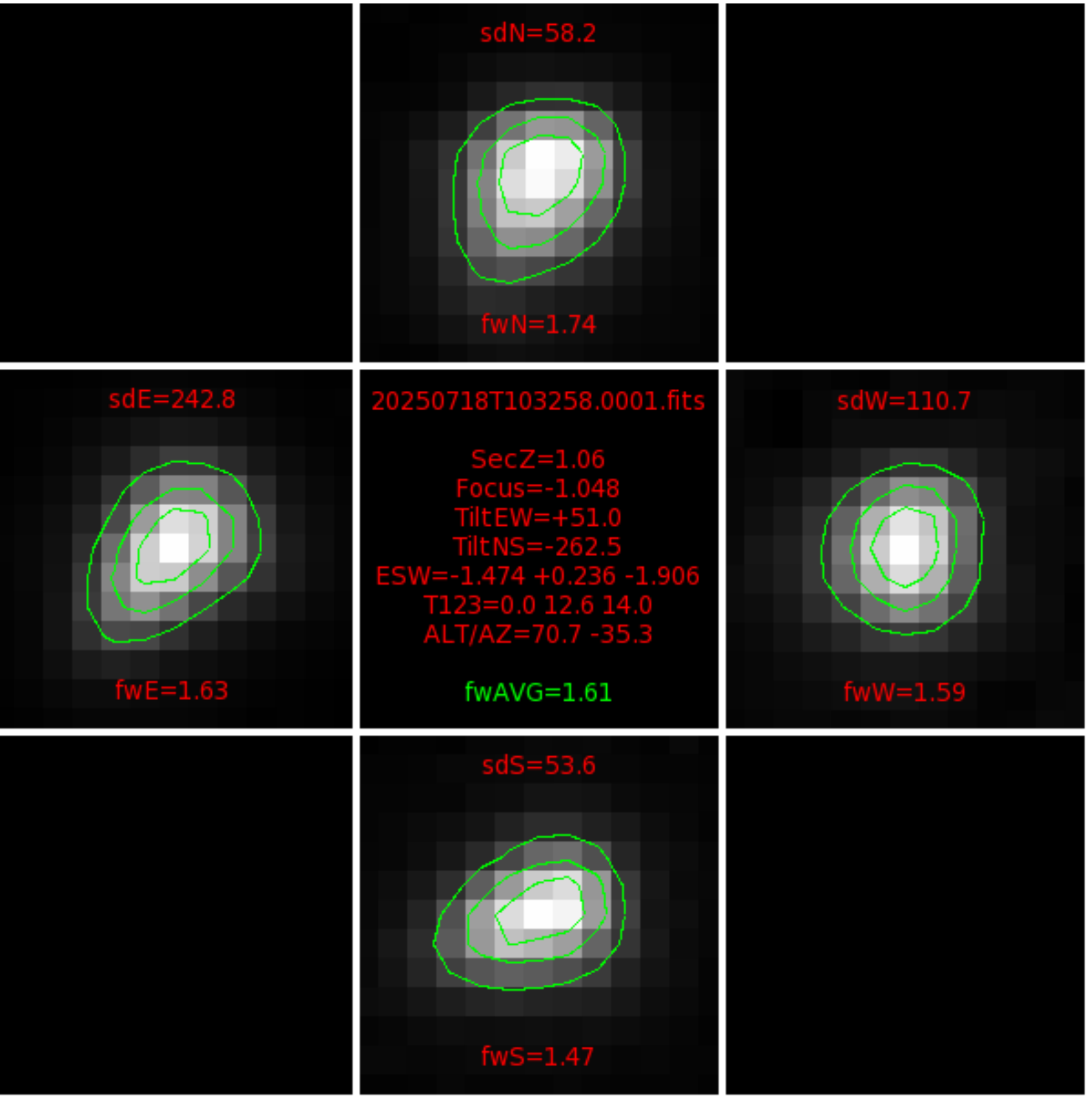
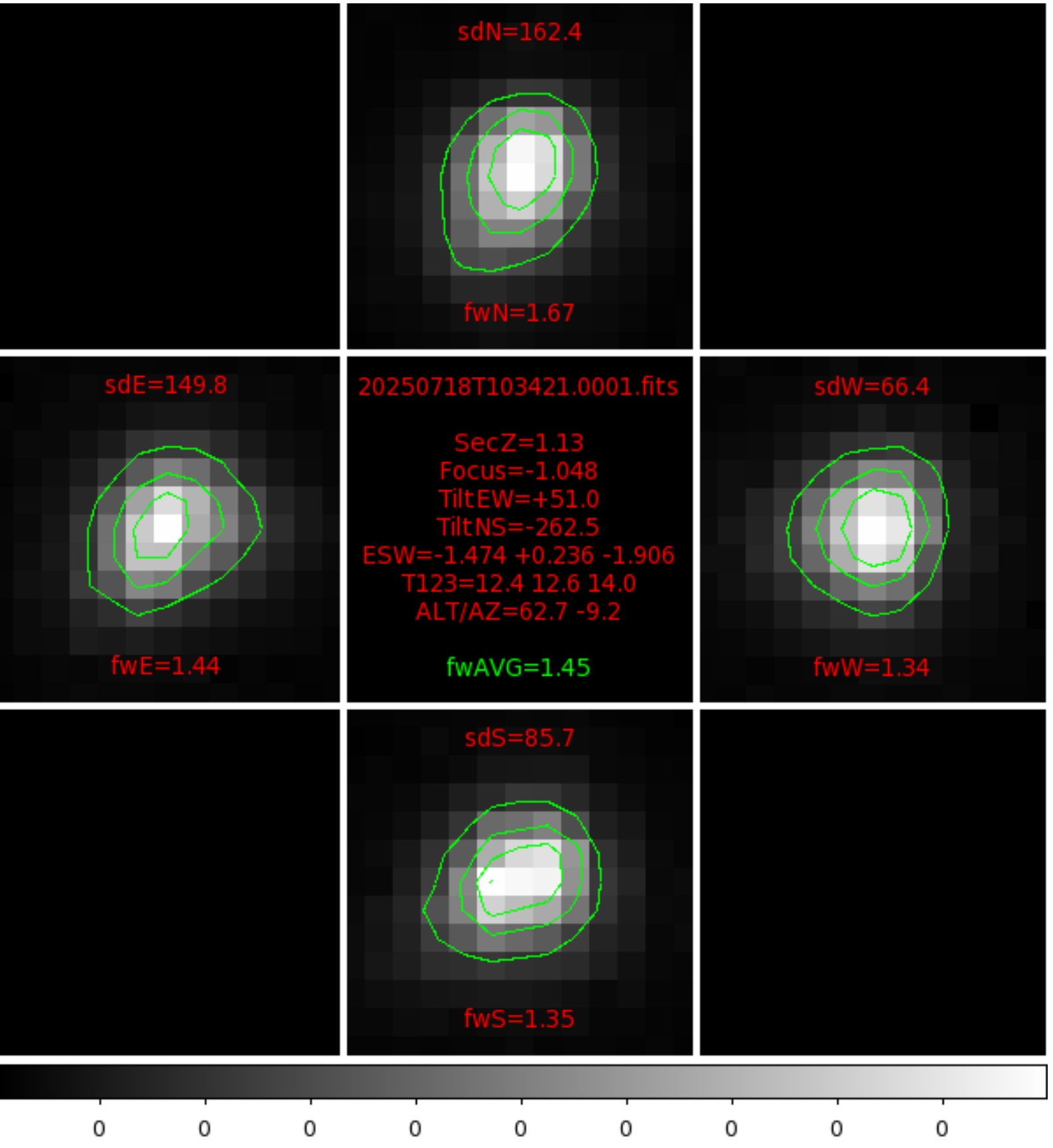
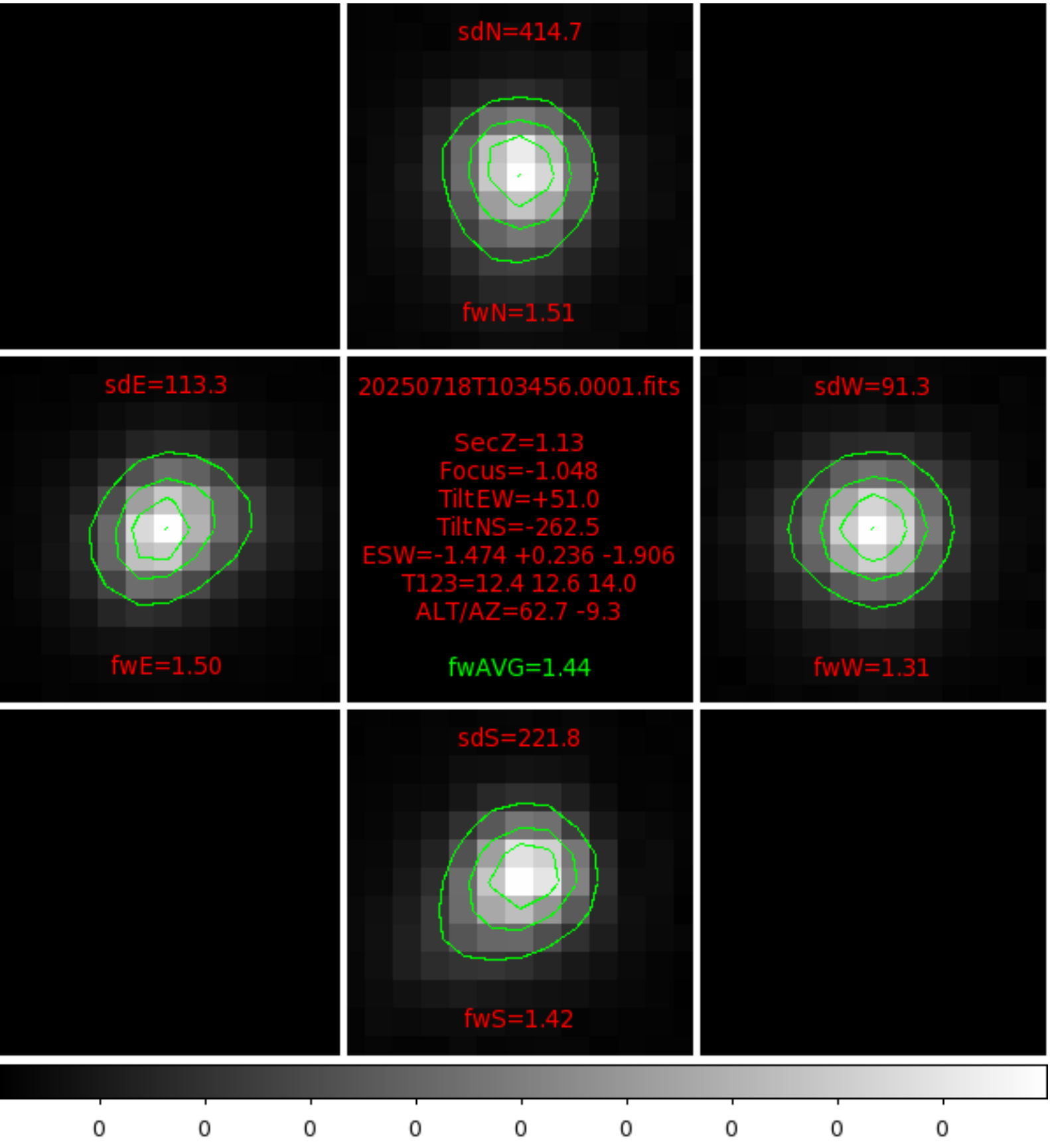

sdN=58.2
fwN=1.74
sdE=242.8
fwE=1.63
20250718T103258.0001.fits
SecZ=1.06
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=0.0 12.6 14.0
ALT/AZ=70.7 -35.3
fwAVG=1.61
sdW=110.7
fwW=1.59
sdS=53.6
fwS=1.47
0 0 0 0 0 0 0 0 0


sdN=162.4
fwN=1.67
sdE=149.8
fwE=1.44
20250718T103421.0001.fits
SecZ=1.13
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.4 12.6 14.0
ALT/AZ=62.7 -9.2
fwAVG=1.45
sdW=66.4
fwW=1.34
sdS=85.7
fwS=1.35
0 0 0 0 0 0 0 0 0


sdN=414.7
fwN=1.51
sdE=113.3
fwE=1.50
20250718T103456.0001.fits
SecZ=1.13
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.4 12.6 14.0
ALT/AZ=62.7 -9.3
fwAVG=1.44
sdW=91.3
fwW=1.31
sdS=221.8
fwS=1.42
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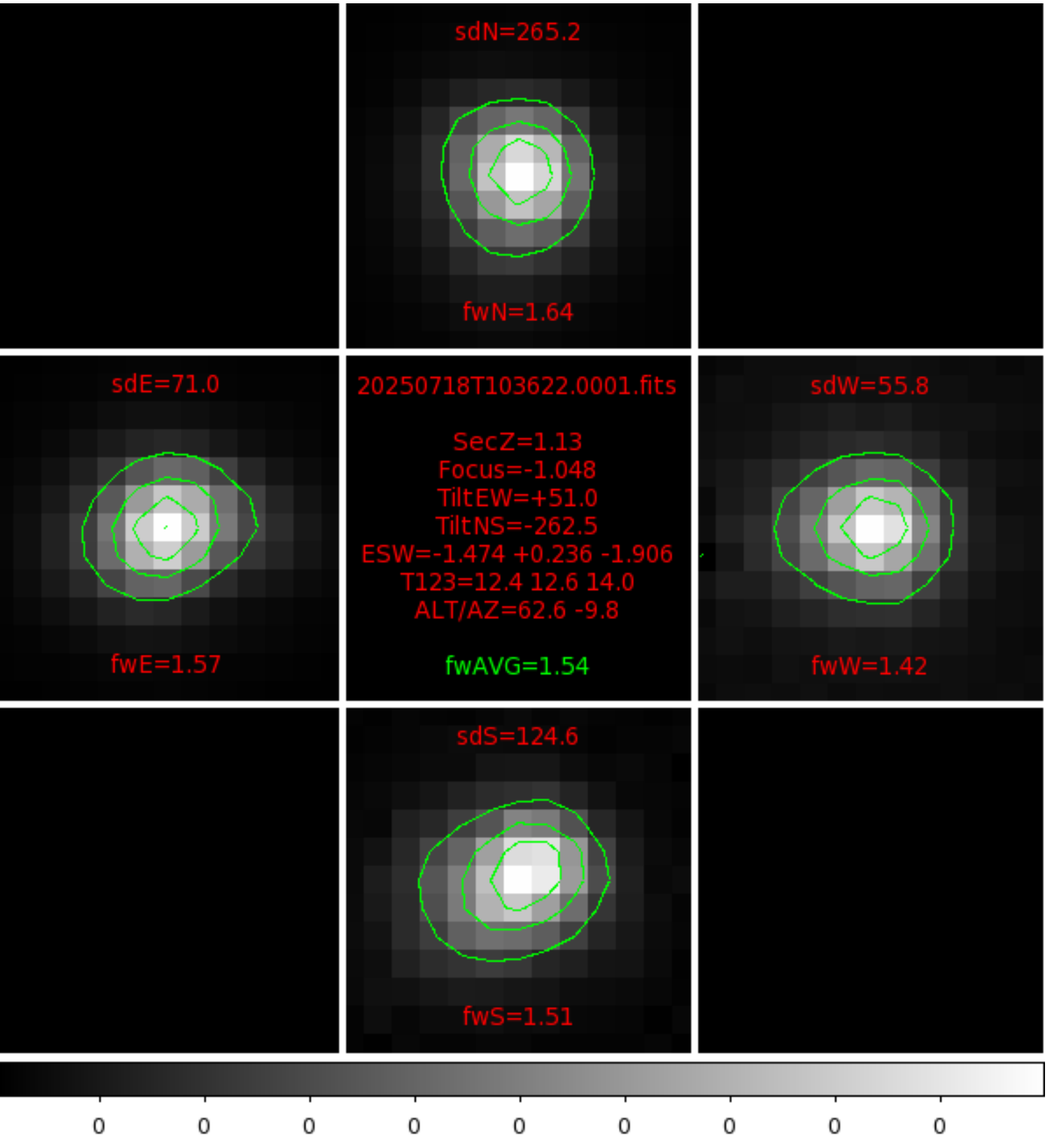
sdN=265.2
fwN=1.64
sdE=71.0
fwE=1.57
20250718T103622.0001.fits
SecZ=1.13
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.4 12.6 14.0
ALT/AZ=62.6 -9.8
fwAVG=1.54
sdW=55.8
fwW=1.42
sdS=124.6
fwS=1.51
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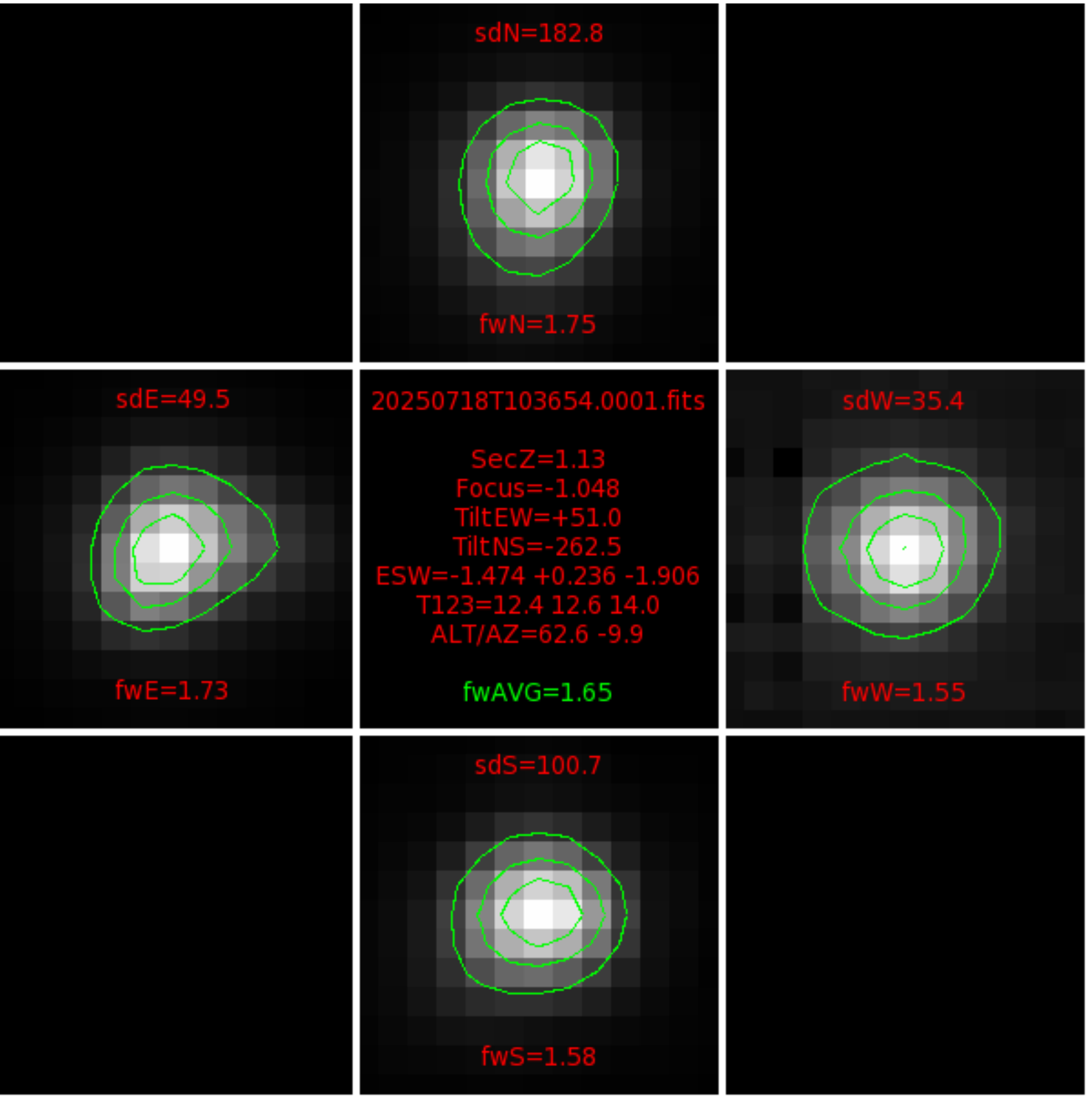
sdN=182.8
fwN=1.75
sdE=49.5
fwE=1.73
20250718T103654.0001.fits
SecZ=1.13
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.4 12.6 14.0
ALT/AZ=62.6 -9.9
fwAVG=1.65
sdW=35.4
fwW=1.55
sdS=100.7
fwS=1.58
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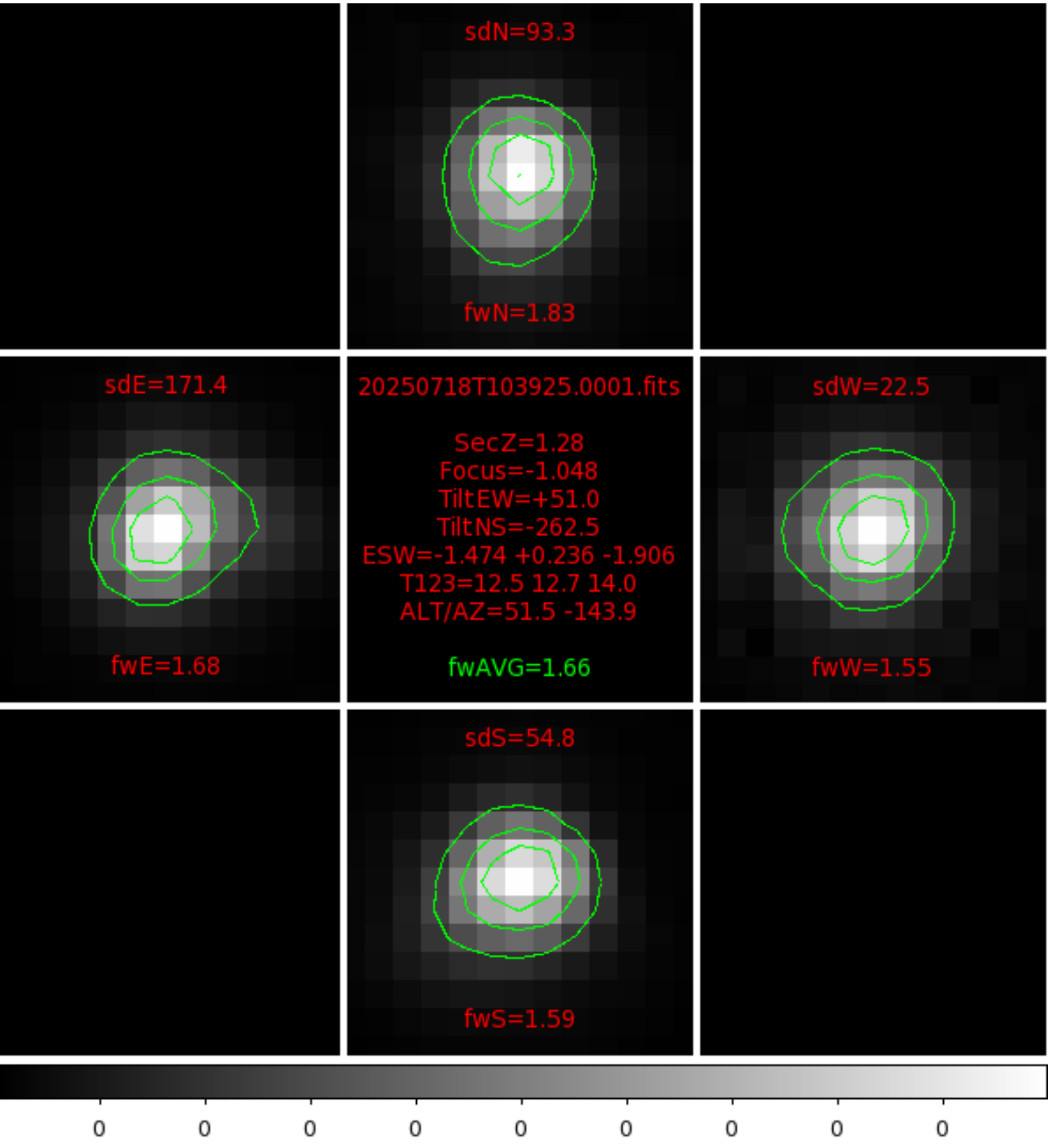
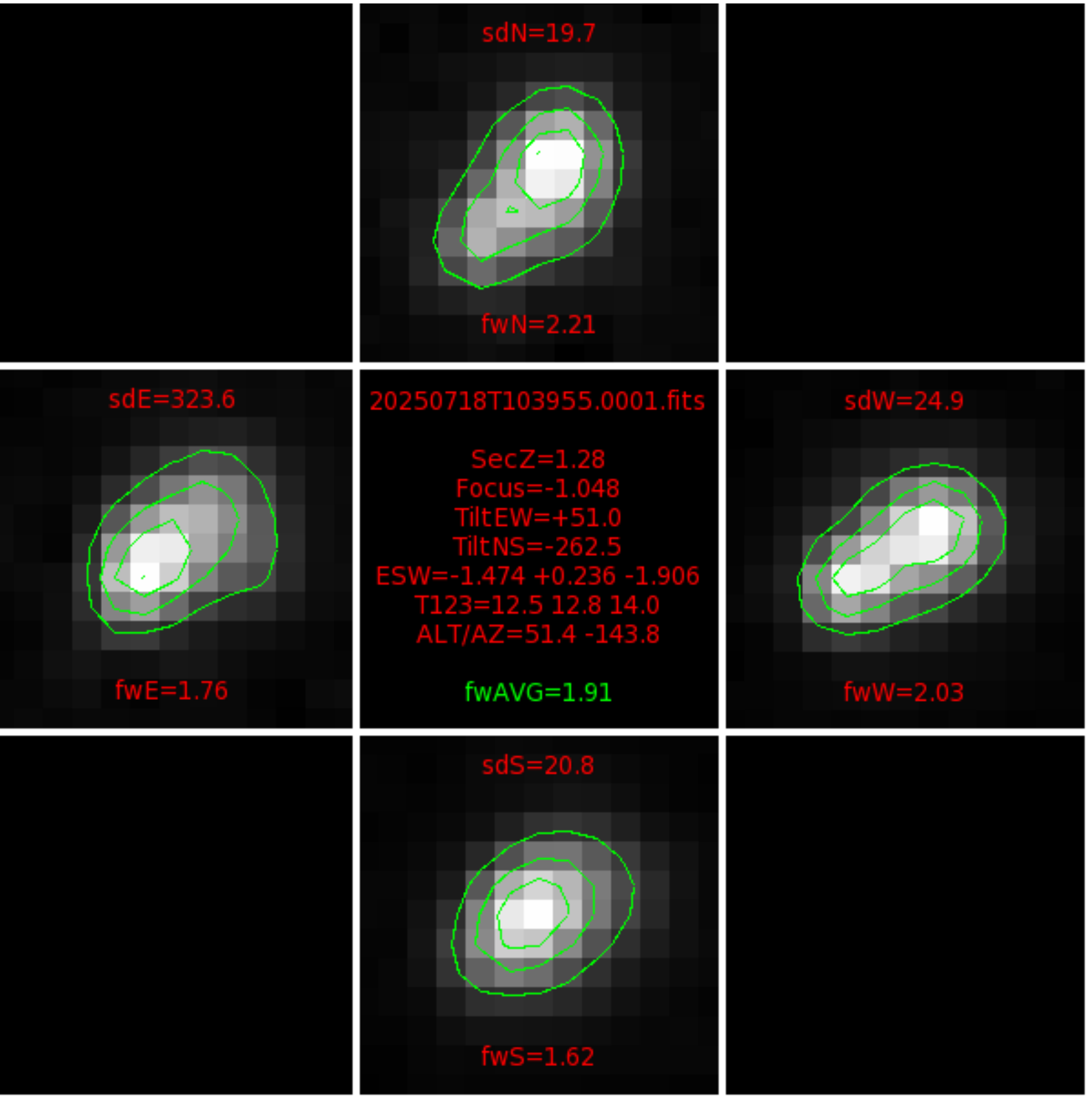
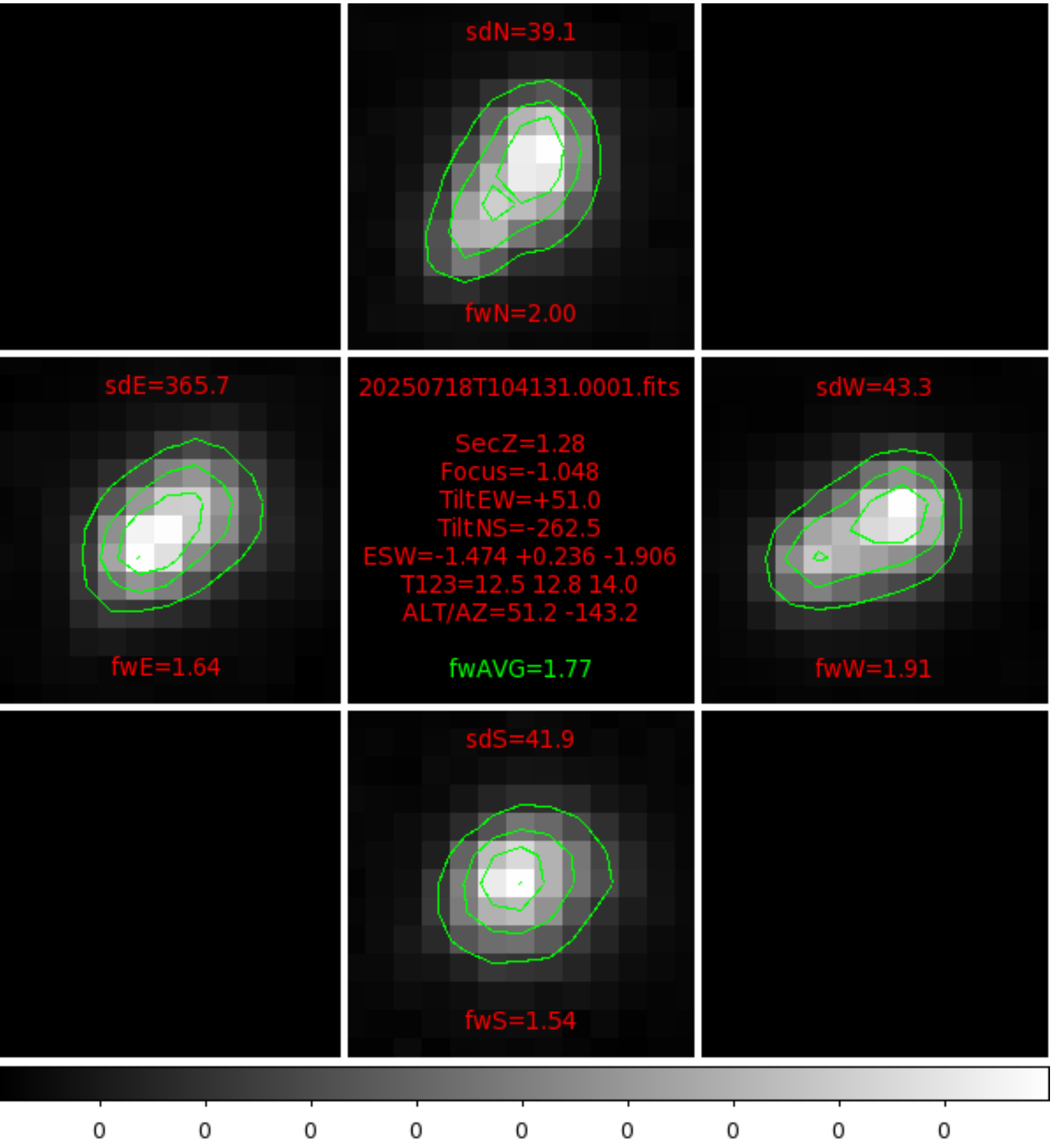

sdN=93.3
fwN=1.83
sdE=171.4
fwE=1.68
20250718T103925.0001.fits
SecZ=1.28
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.5 12.7 14.0
ALT/AZ=51.5 -143.9
fwAVG=1.66
sdW=22.5
fwW=1.55
sdS=54.8
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=19.7
fwN=2.21
sdE=323.6
fwE=1.76
20250718T103955.0001.fits
SecZ=1.28
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.5 12.8 14.0
ALT/AZ=51.4 -143.8
fwAVG=1.91
sdW=24.9
fwW=2.03
sdS=20.8
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=39.1
fwN=2.00
sdE=365.7
fwE=1.64
20250718T104131.0001.fits
SecZ=1.28
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.5 12.8 14.0
ALT/AZ=51.2 -143.2
fwAVG=1.77
sdW=43.3
fwW=1.91
sdS=41.9
fwS=1.54
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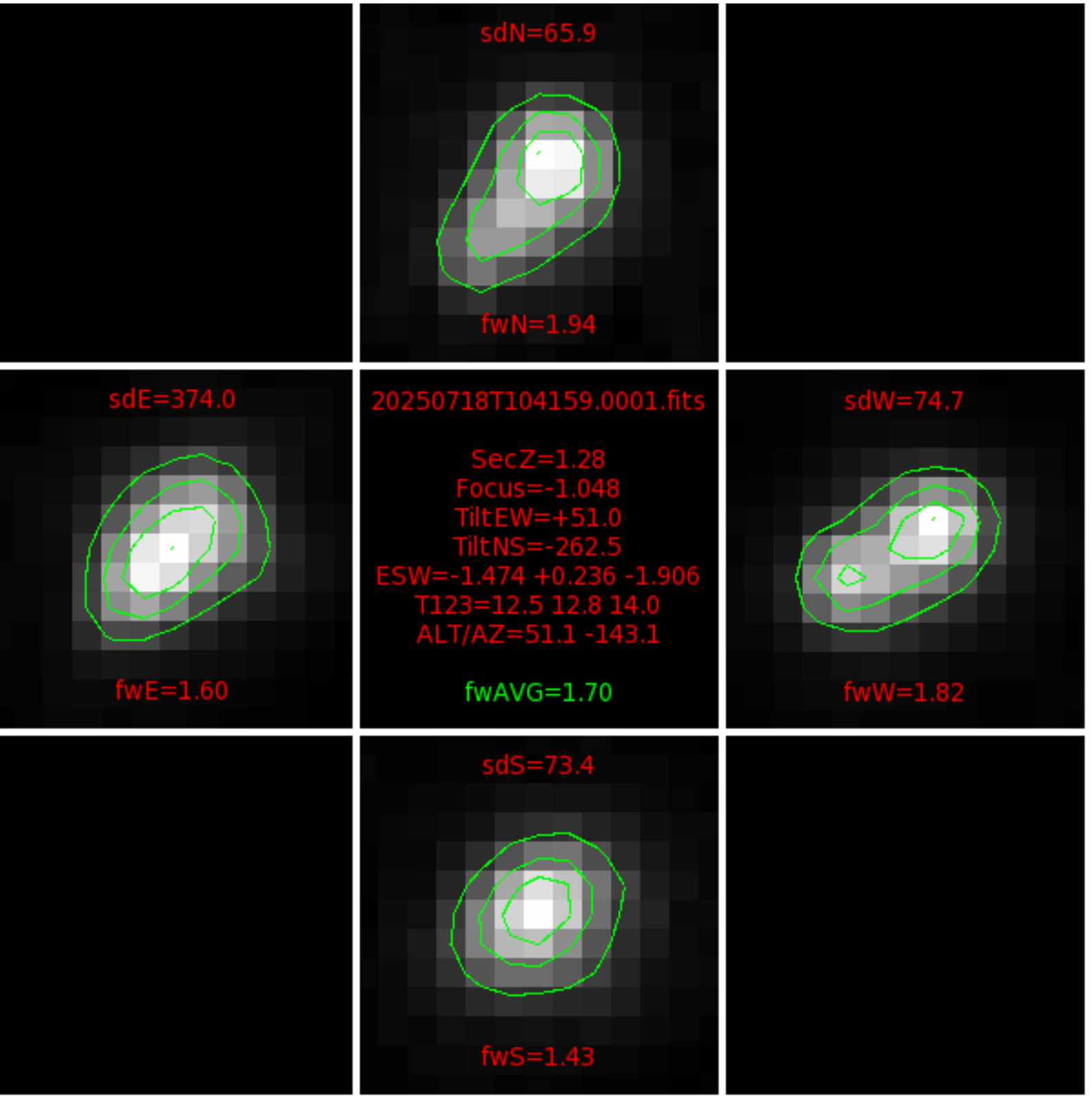
sdN=65.9
fwN=1.94
sdE=374.0
fwE=1.60
20250718T104159.0001.fits
SecZ=1.28
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.5 12.8 14.0
ALT/AZ=51.1 -143.1
fwAVG=1.70
sdW=74.7
fwW=1.82
sdS=73.4
fwS=1.43
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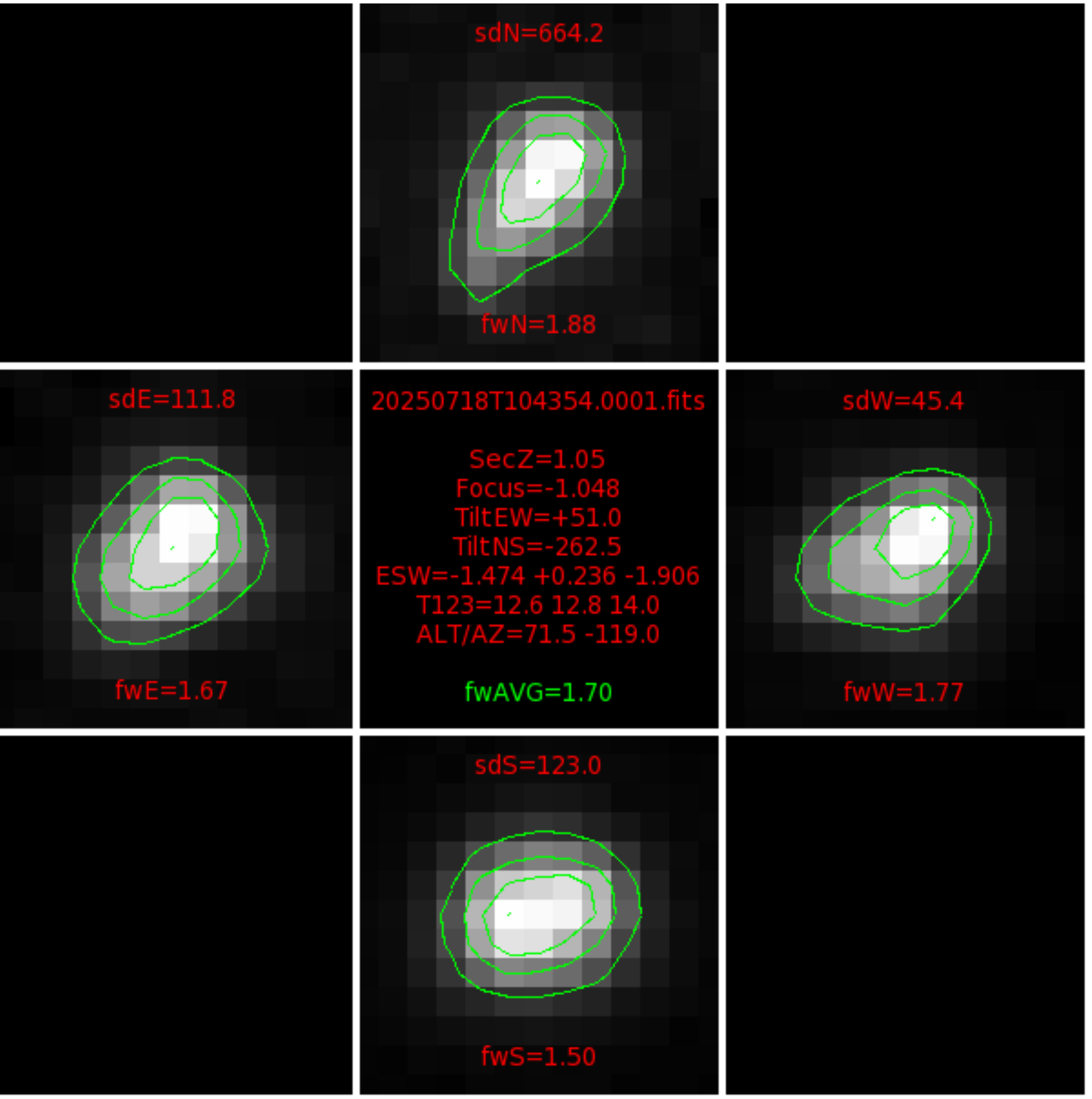
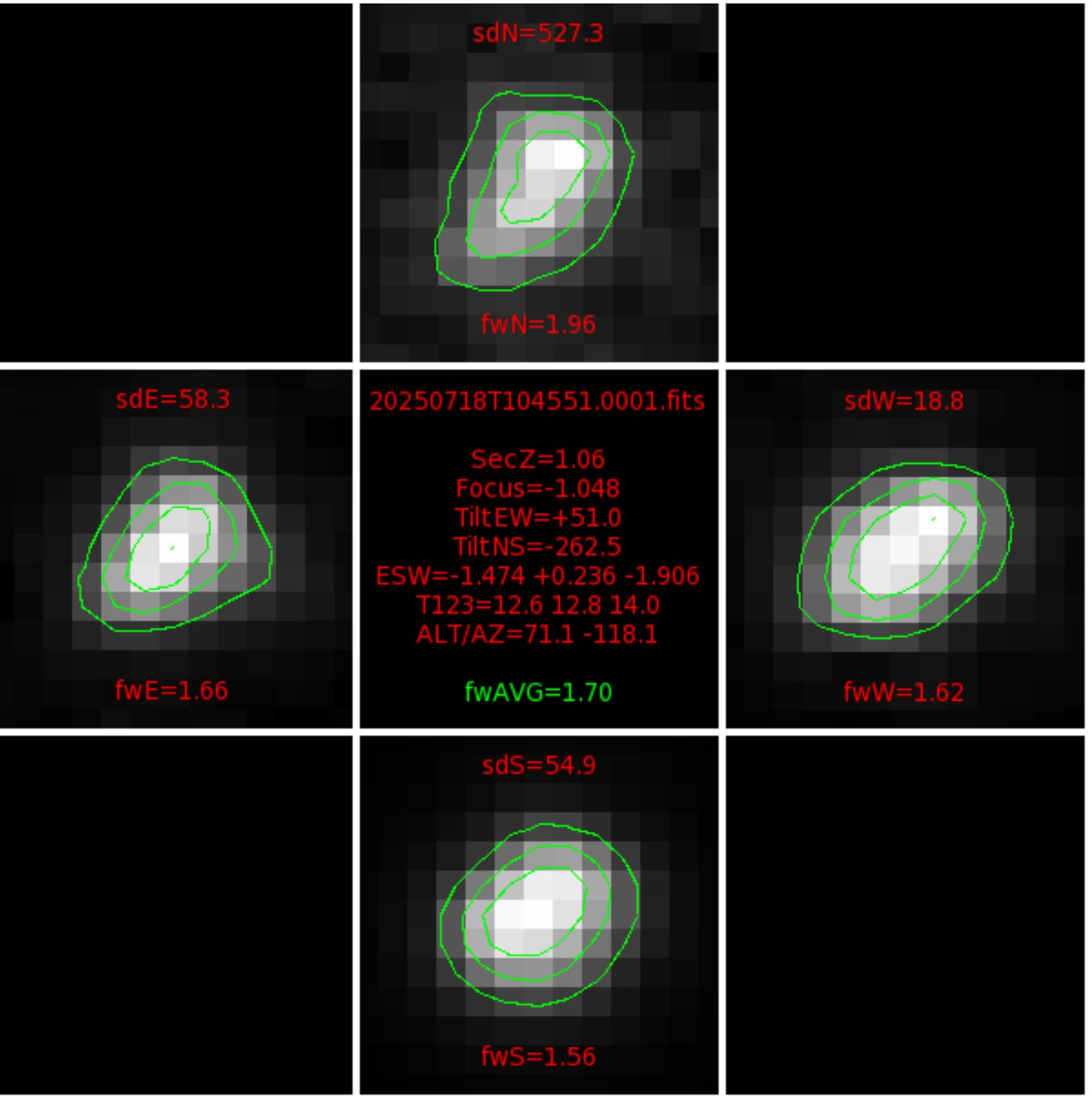

sdN=664.2
fwN=1.88
sdE=111.8
fwE=1.67
20250718T104354.0001.fits
SecZ=1.05
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.6 12.8 14.0
ALT/AZ=71.5 -119.0
fwAVG=1.70
sdW=45.4
fwW=1.77
sdS=123.0
fwS=1.50
0 0 0 0 0 0 0 0 0


sdN=527.3
fwN=1.96
sdE=58.3
fwE=1.66
20250718T104551.0001.fits
SecZ=1.06
Focus=-1.048
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.474 +0.236 -1.906
T123=12.6 12.8 14.0
ALT/AZ=71.1 -118.1
fwAVG=1.70
sdW=18.8
fwW=1.62
sdS=54.9
fwS=1.56
0 0 0 0 0 0 0 0 0