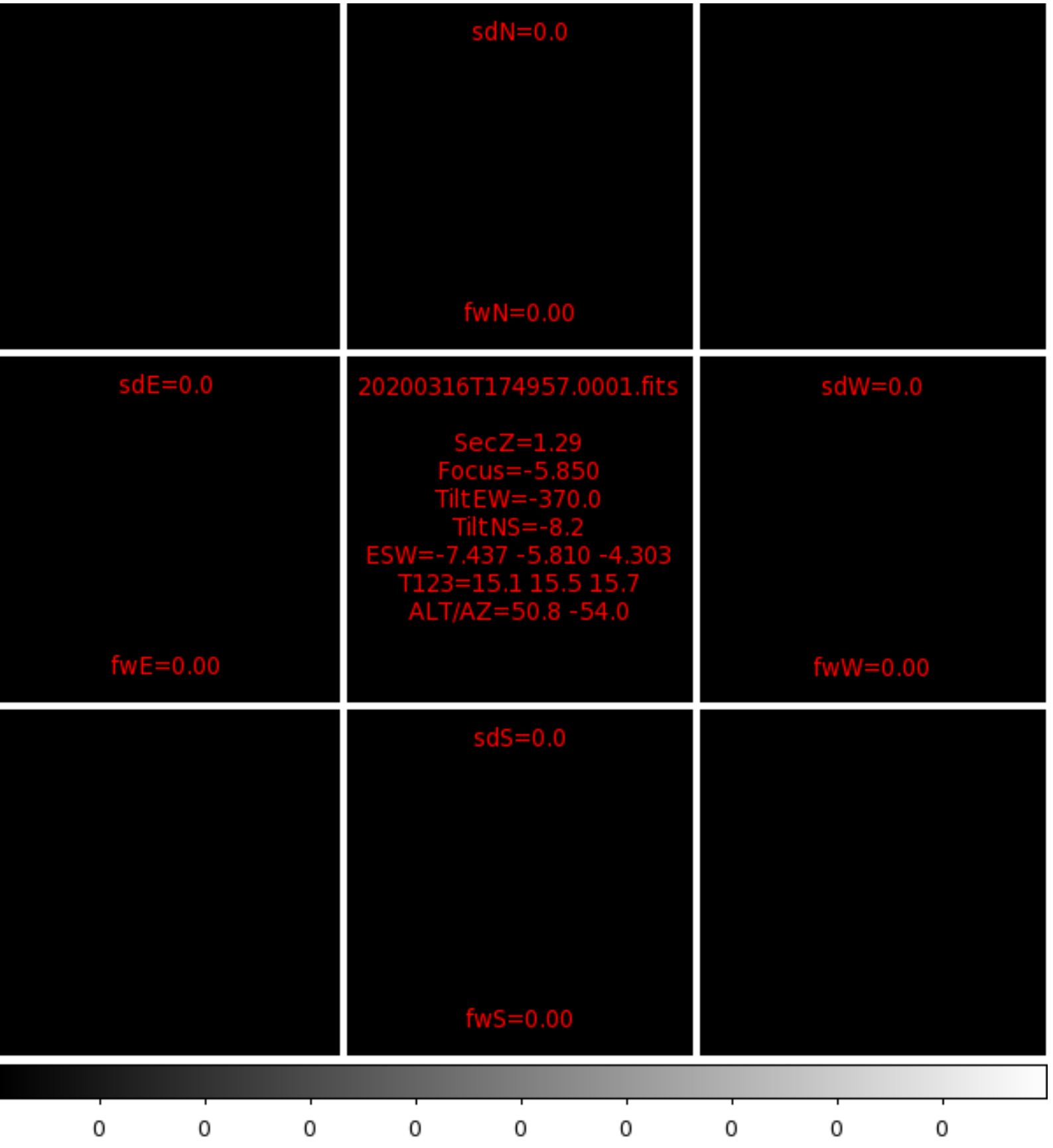
sdN=0.0
fwN=0.00
sdE=0.0
20200316T174957.0001.fits
SecZ=1.29
Focus=-5.850
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.437 -5.810 -4.303
T123=15.1 15.5 15.7
ALT/AZ=50.8 -54.0
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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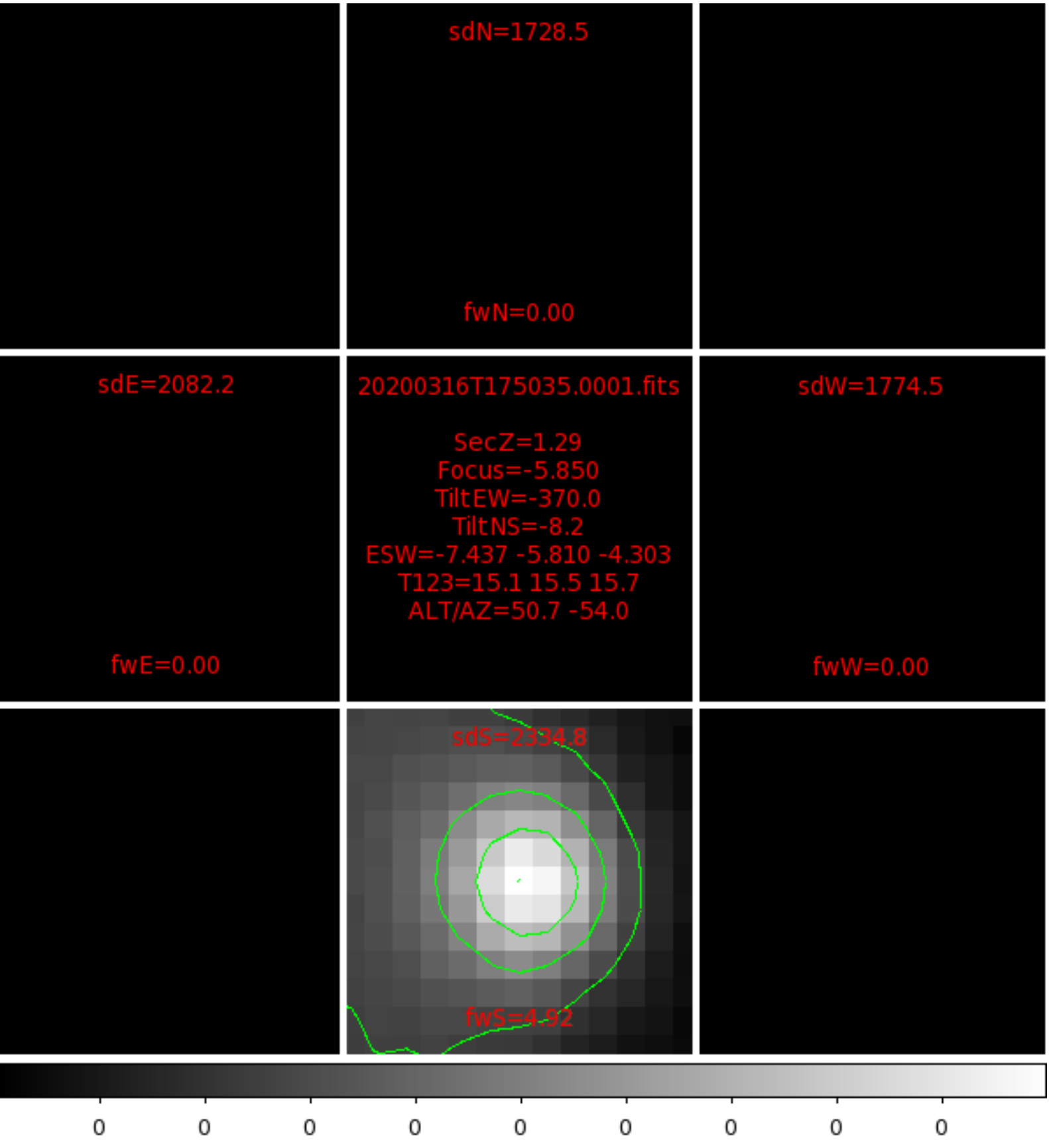
sdN=1728.5
fwN=0.00
sdE=2082.2
20200316T175035.0001.fits
SecZ=1.29
Focus=-5.850
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.437 -5.810 -4.303
T123=15.1 15.5 15.7
ALT/AZ=50.7 -54.0
sdW=1774.5
fwE=0.00
fwW=0.00
sdS=2334.8
fwS=4.92
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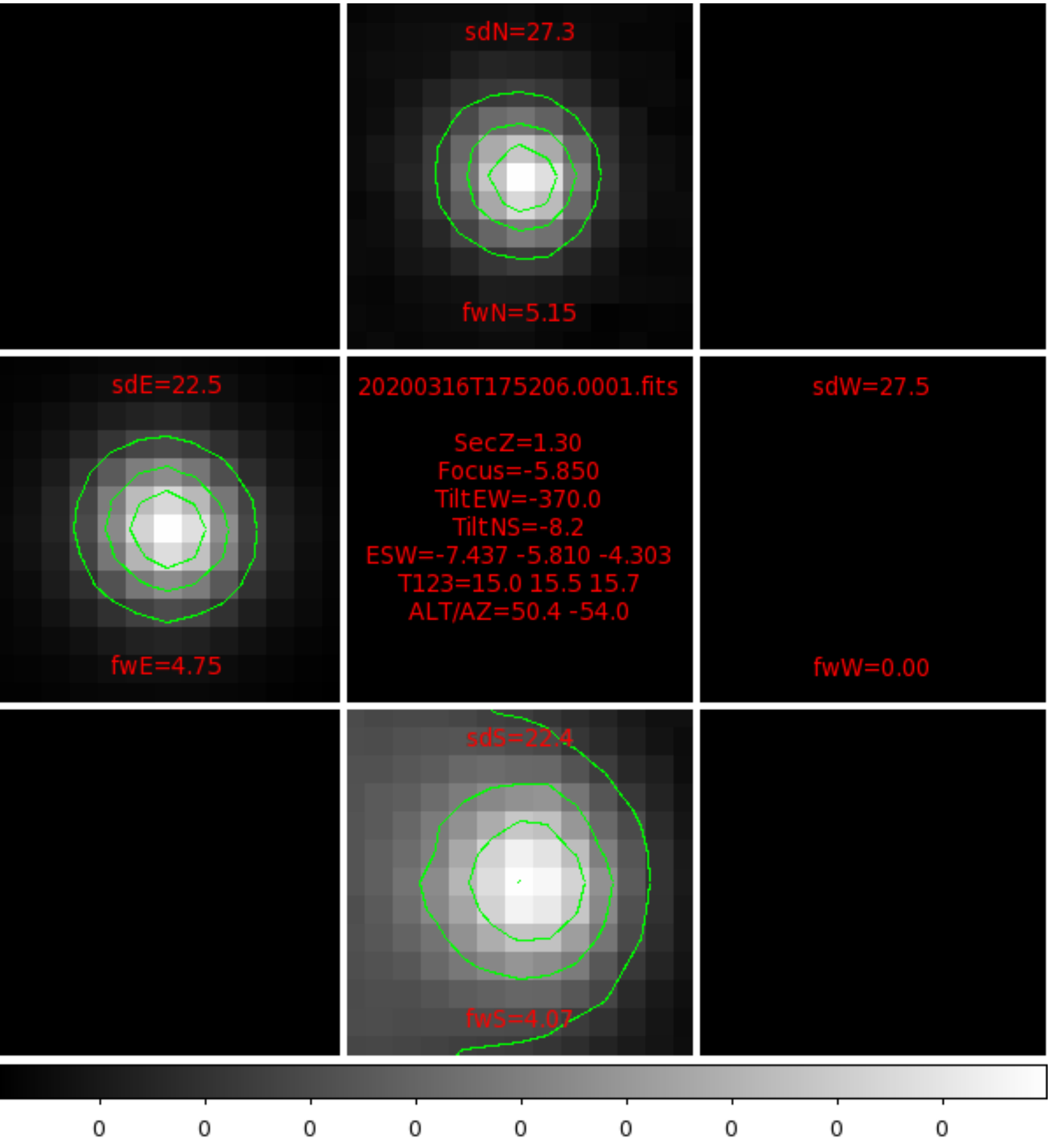
sdN=27.3
fwN=5.15
sdE=22.5
fwE=4.75
20200316T175206.0001.fits
SecZ=1.30
Focus=-5.850
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.437 -5.810 -4.303
T123=15.0 15.5 15.7
ALT/AZ=50.4 -54.0
sdW=27.5
fwW=0.00
sdS=22.4
fwS=4.07
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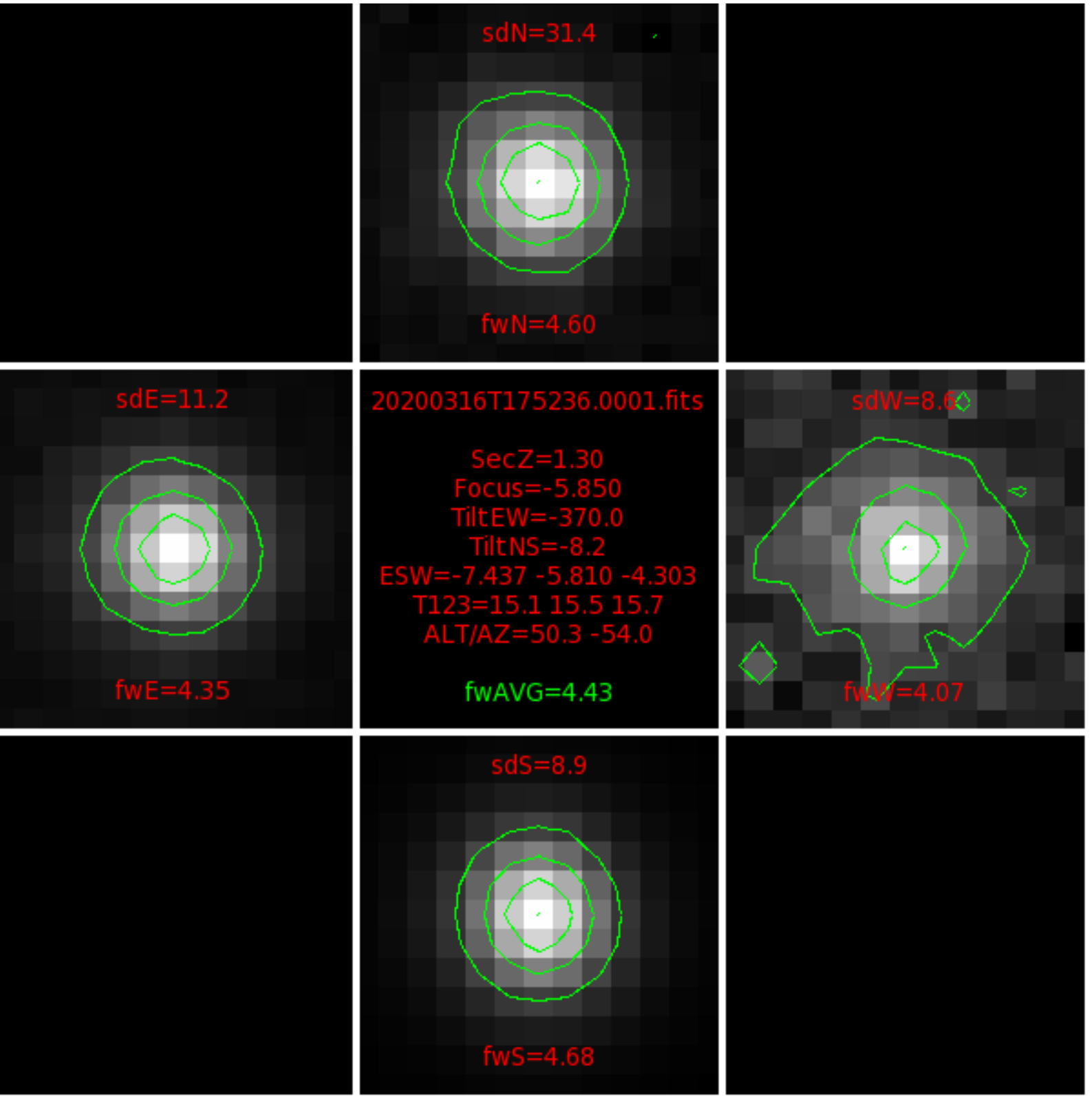
sdN=31.4
fwN=4.60
sdE=11.2
fwE=4.35
20200316T175236.0001.fits
SecZ=1.30
Focus=-5.850
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.437 -5.810 -4.303
T123=15.1 15.5 15.7
ALT/AZ=50.3 -54.0
fwAVG=4.43
sdW=8.6
fwW=4.07
sdS=8.9
fwS=4.68
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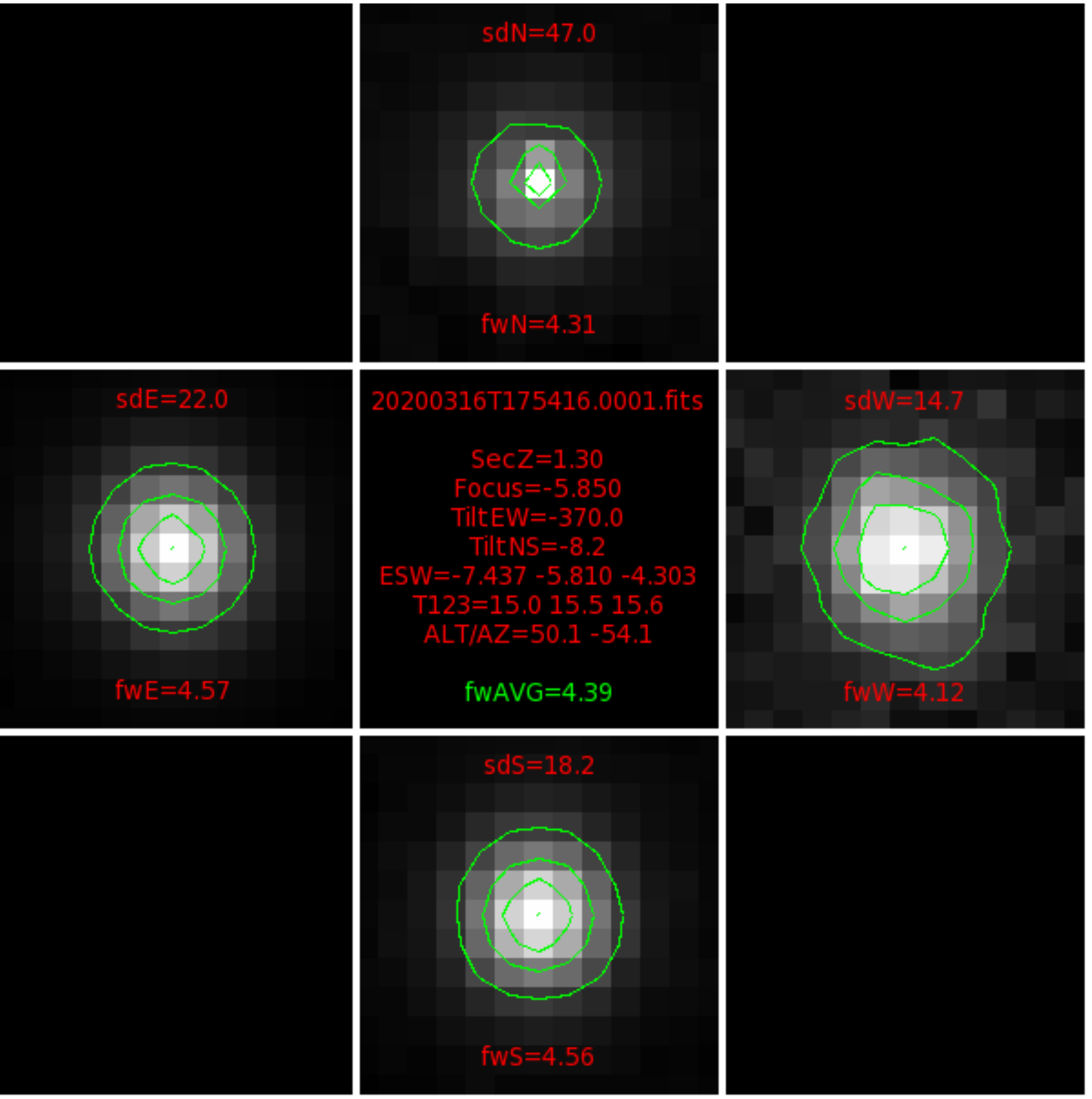
sdN=47.0
fwN=4.31
sdE=22.0
fwE=4.57
20200316T175416.0001.fits
SecZ=1.30
Focus=-5.850
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.437 -5.810 -4.303
T123=15.0 15.5 15.6
ALT/AZ=50.1 -54.1
fwAVG=4.39
sdW=14.7
fwW=4.12
sdS=18.2
fwS=4.56
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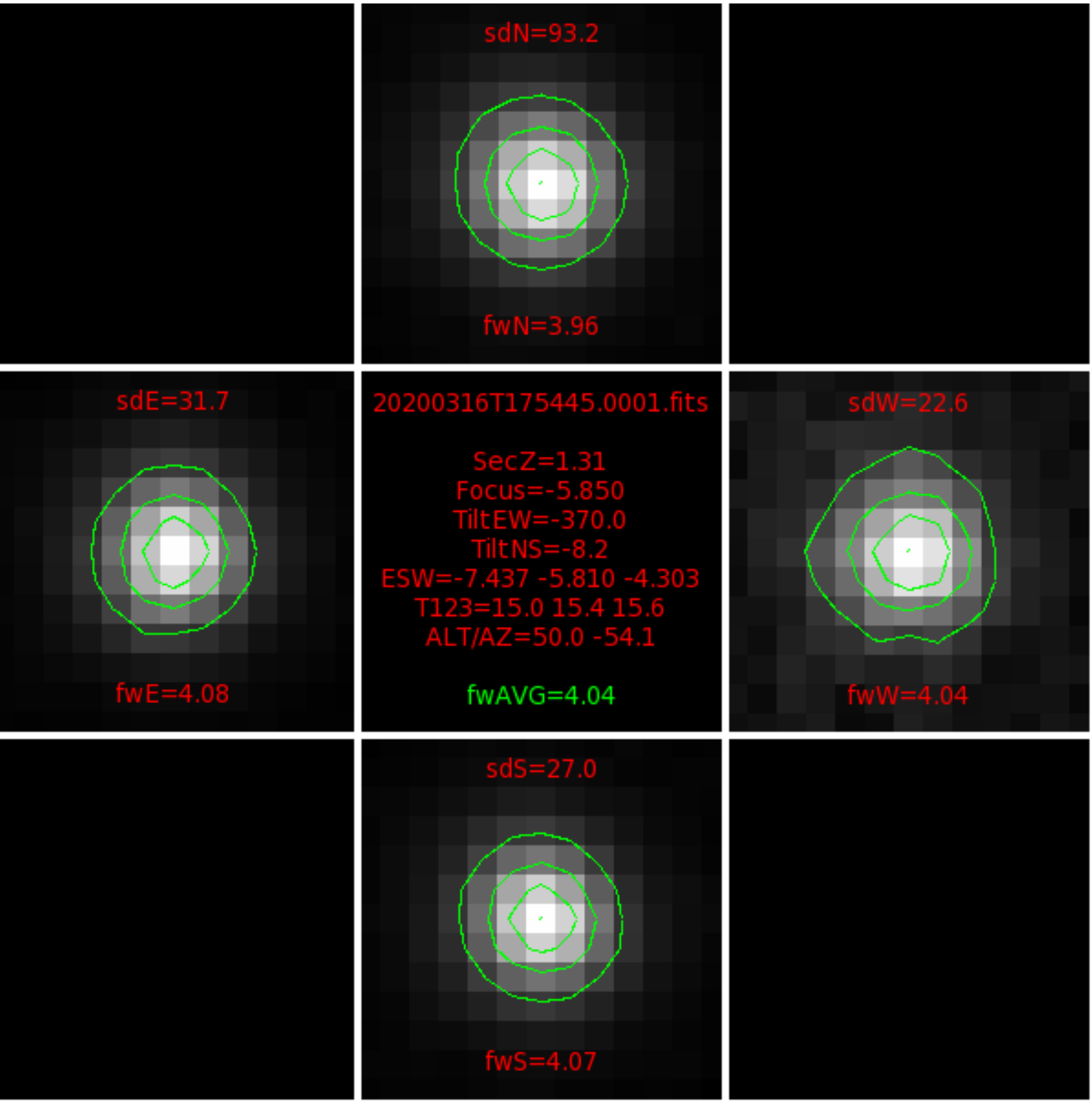
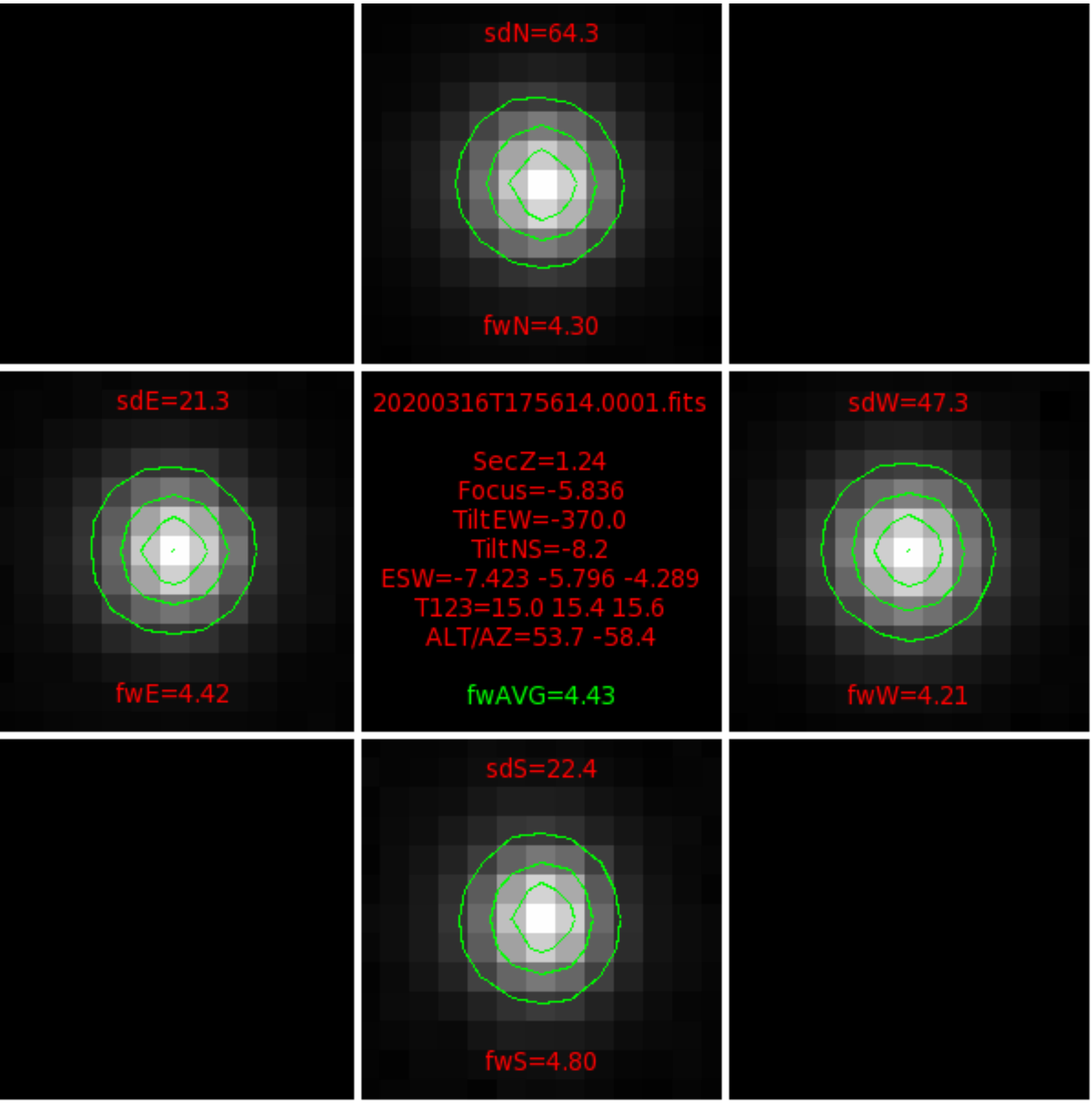

sdN=93.2
fwN=3.96
sdE=31.7
fwE=4.08
20200316T175445.0001.fits
SecZ=1.31
Focus=-5.850
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.437 -5.810 -4.303
T123=15.0 15.4 15.6
ALT/AZ=50.0 -54.1
fwAVG=4.04
sdW=22.6
fwW=4.04
sdS=27.0
fwS=4.07
0 0 0 0 0 0 0 0 0


sdN=64.3
fwN=4.30
sdE=21.3
fwE=4.42
20200316T175614.0001.fits
SecZ=1.24
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=15.0 15.4 15.6
ALT/AZ=53.7 -58.4
fwAVG=4.43
sdW=47.3
fwW=4.21
sdS=22.4
fwS=4.80
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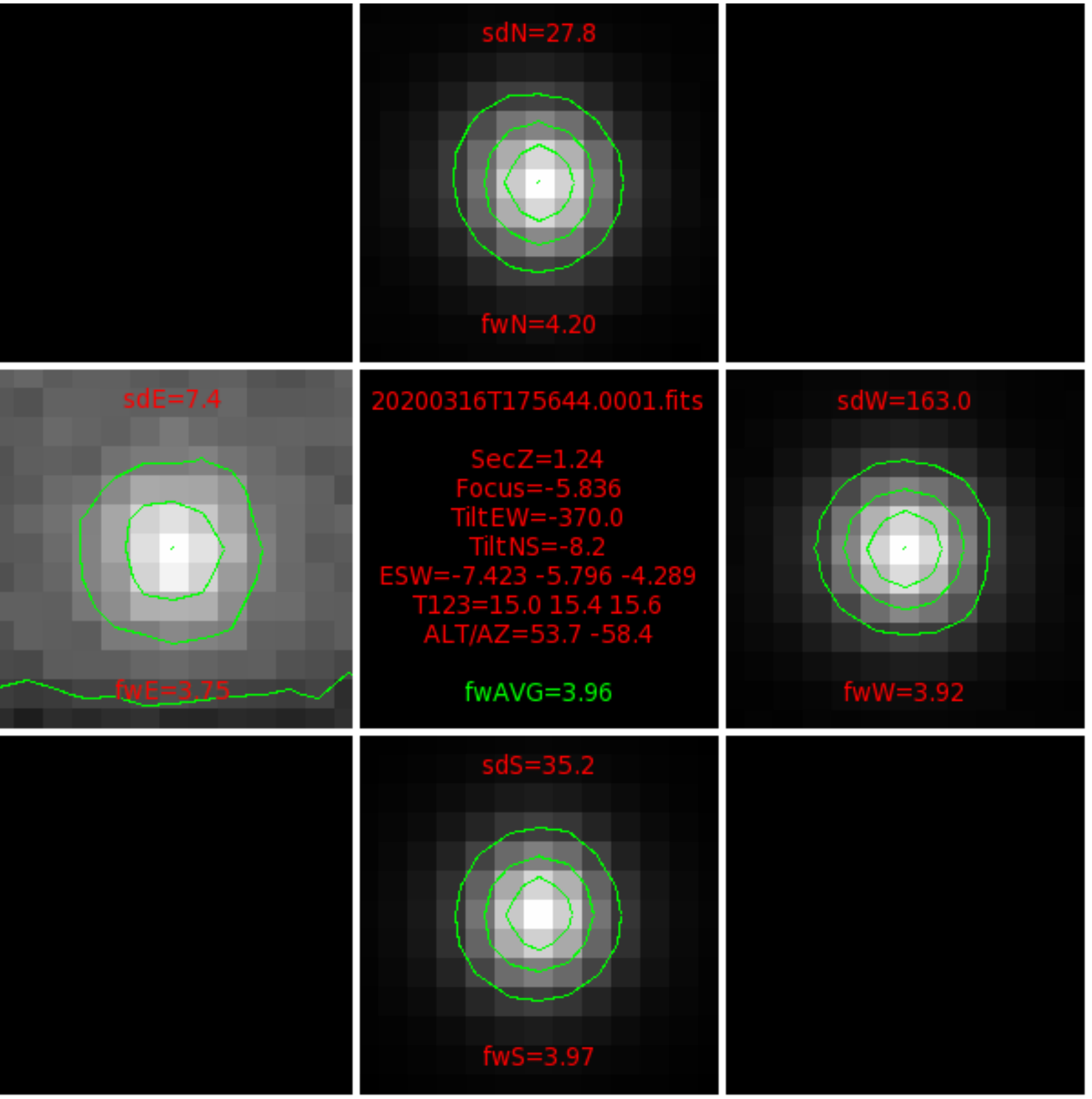
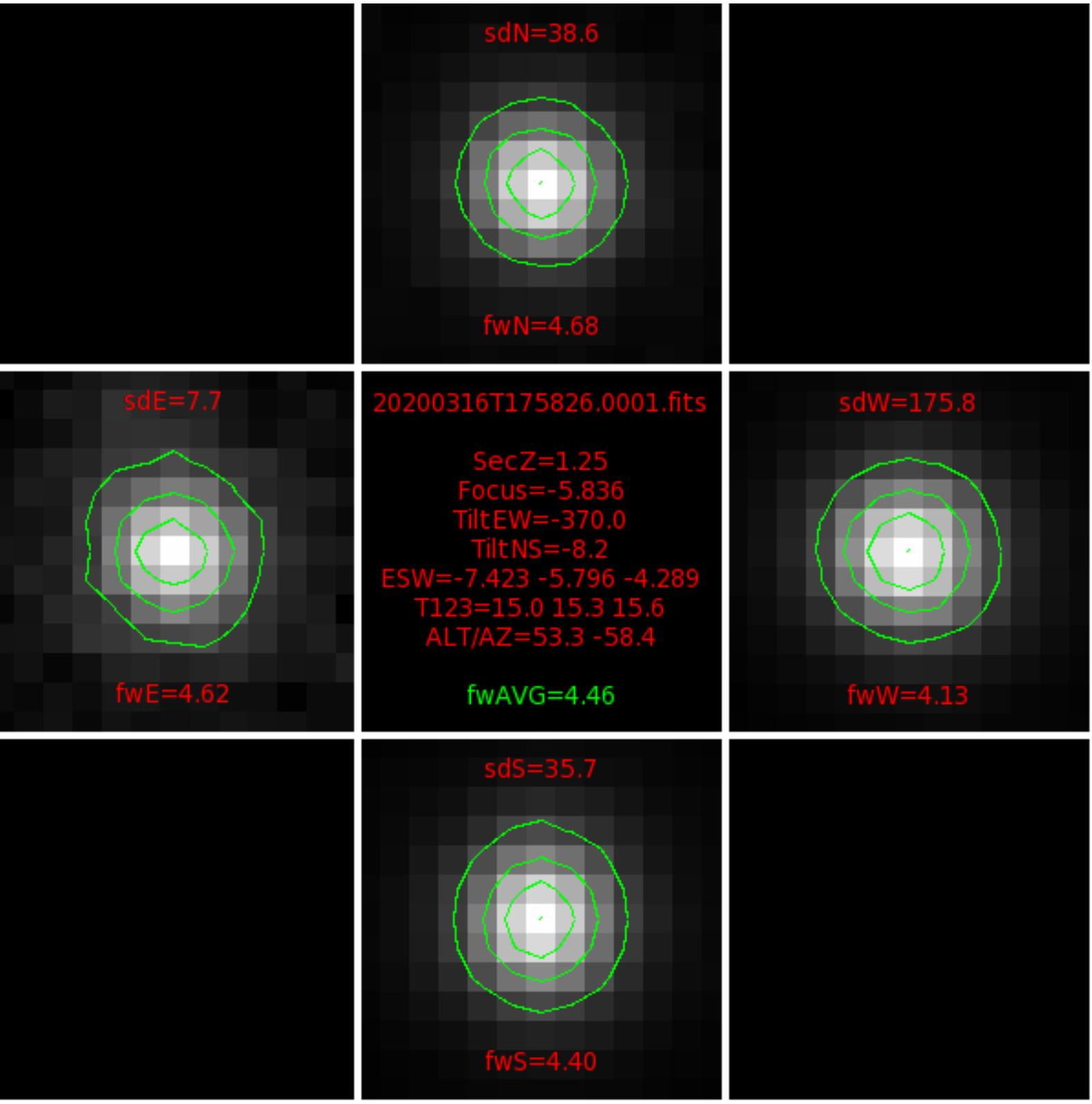

sdN=27.8
fwN=4.20
sdE=7.4
fwE=3.75
20200316T175644.0001.fits
SecZ=1.24
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=15.0 15.4 15.6
ALT/AZ=53.7 -58.4
fwAVG=3.96
sdW=163.0
fwW=3.92
sdS=35.2
fwS=3.97
0 0 0 0 0 0 0 0 0


sdN=38.6
fwN=4.68
sdE=7.7
fwE=4.62
20200316T175826.0001.fits
SecZ=1.25
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=15.0 15.3 15.6
ALT/AZ=53.3 -58.4
fwAVG=4.46
sdW=175.8
fwW=4.13
sdS=35.7
fwS=4.40
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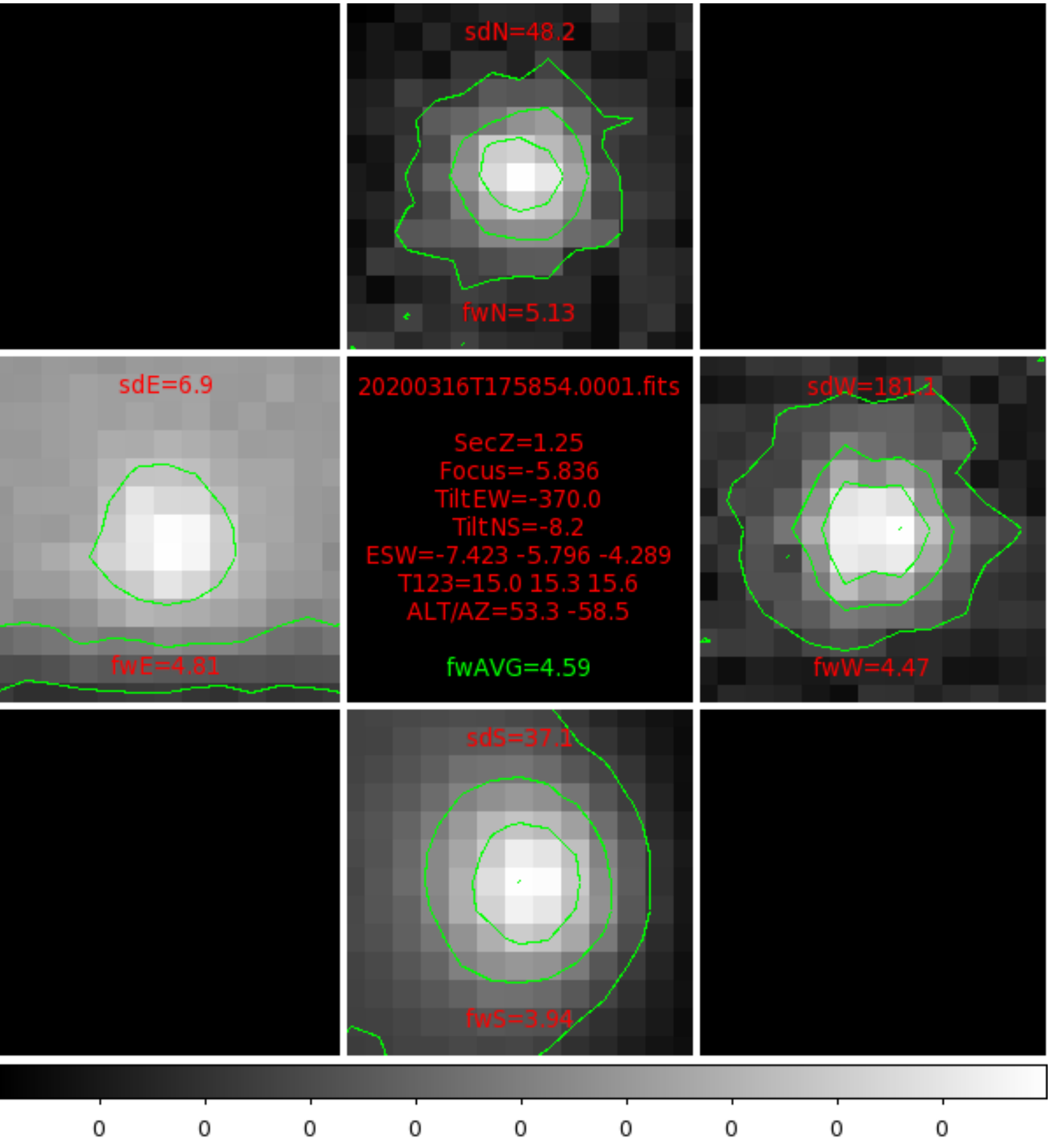
sdN=48.2
fwN=5.13
sdE=6.9
fwE=4.81
20200316T175854.0001.fits
SecZ=1.25
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=15.0 15.3 15.6
ALT/AZ=53.3 -58.5
fwAVG=4.59
sdW=181.2
fwW=4.47
sdS=37.1
fwS=3.94
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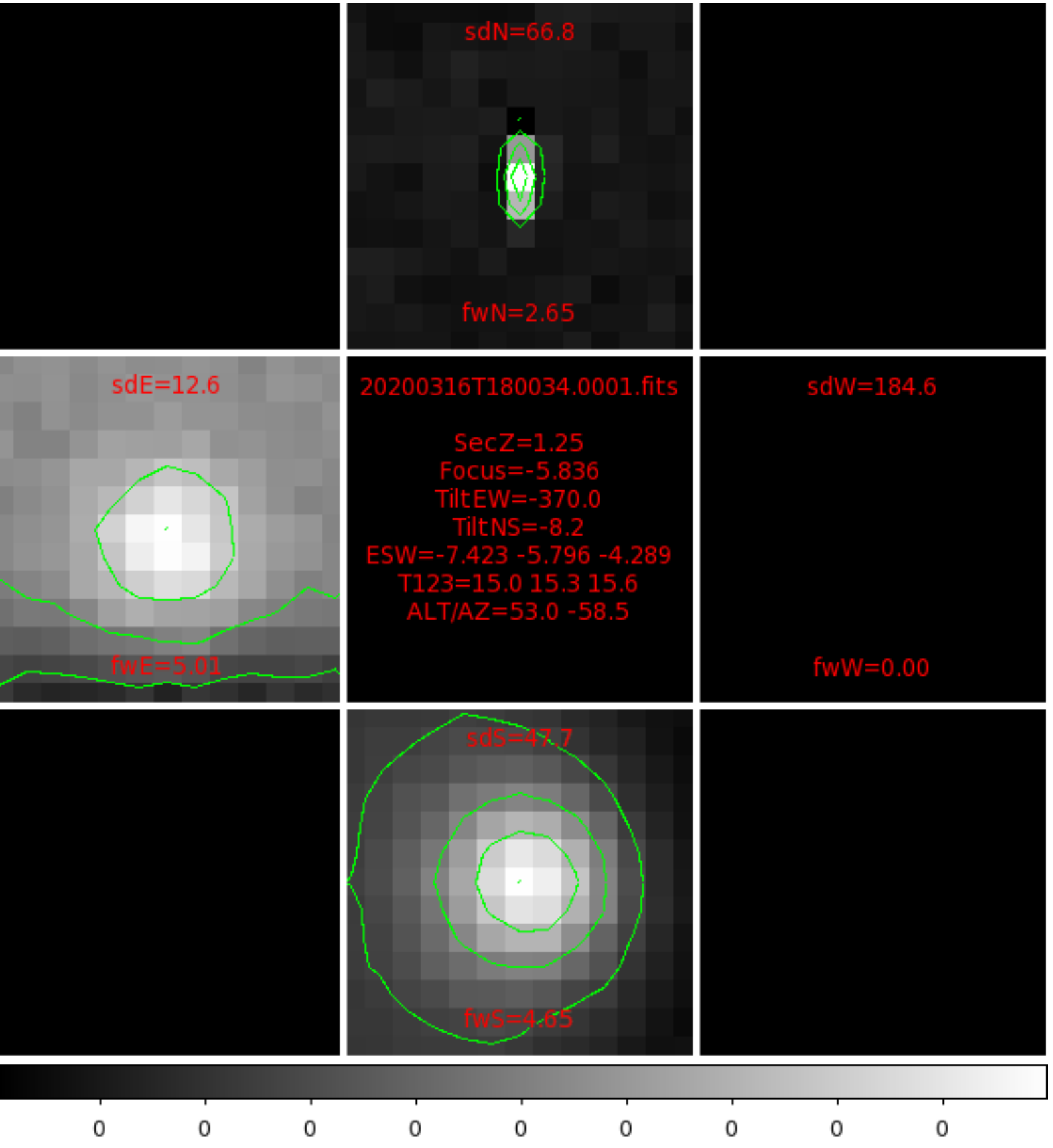
sdN=66.8
fwN=2.65
sdE=12.6
fwE=5.01
20200316T180034.0001.fits
SecZ=1.25
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=15.0 15.3 15.6
ALT/AZ=53.0 -58.5
sdW=184.6
fwW=0.00
sdS=47.7
fwS=4.65
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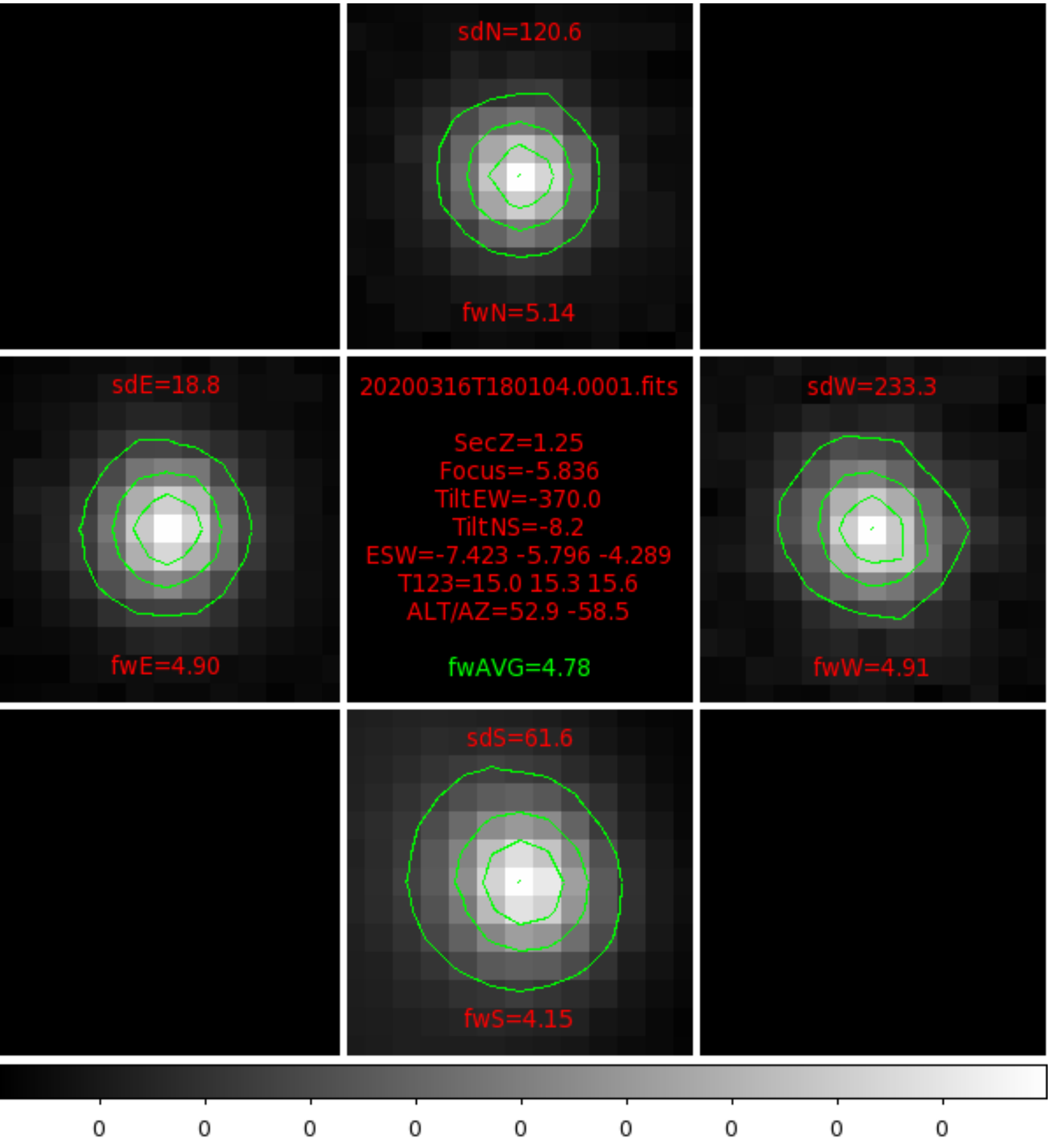
sdN=120.6
fwN=5.14
sdE=18.8
fwE=4.90
20200316T180104.0001.fits
SecZ=1.25
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=15.0 15.3 15.6
ALT/AZ=52.9 -58.5
fwAVG=4.78
sdW=233.3
fwW=4.91
sdS=61.6
fwS=4.15
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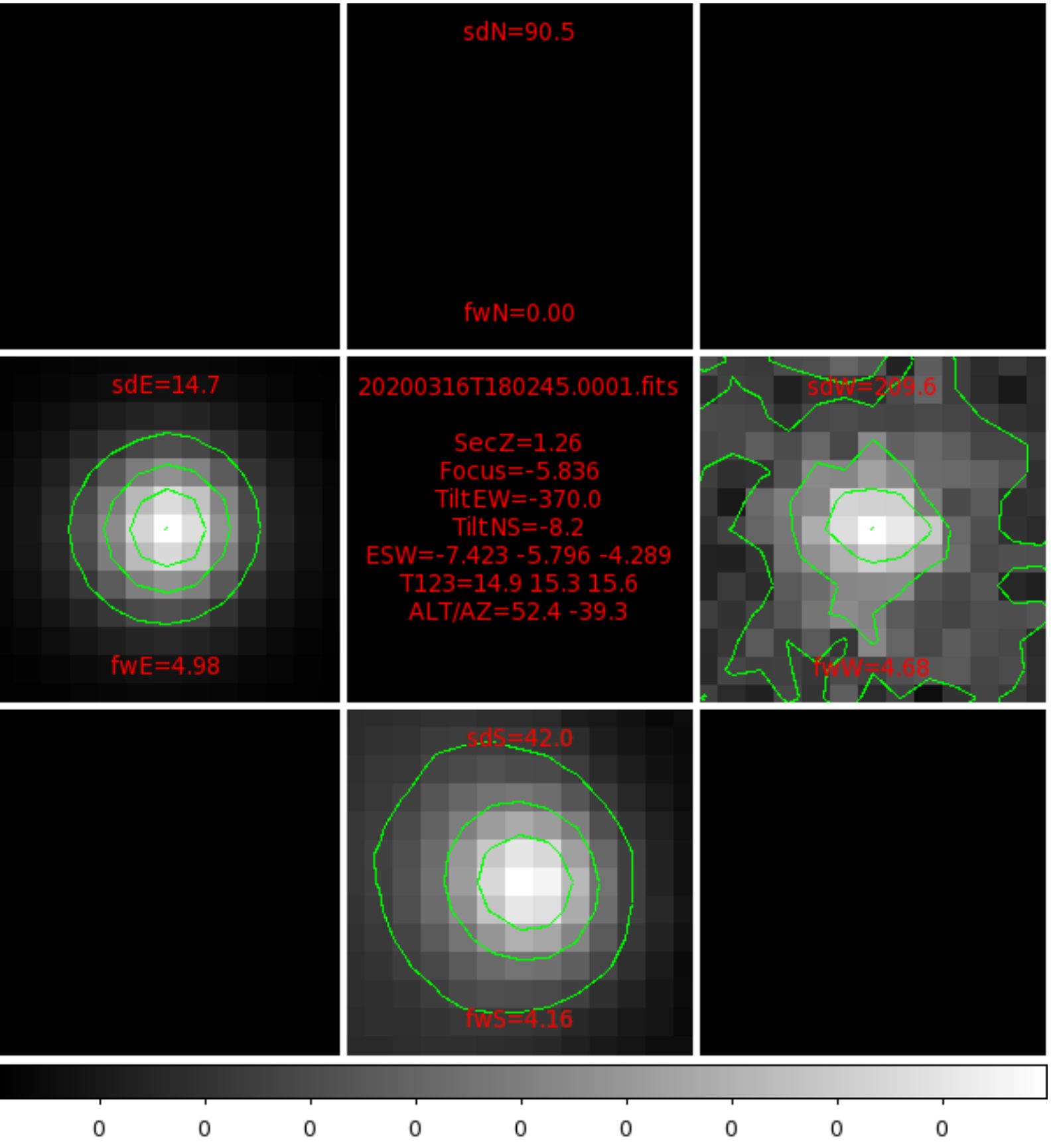
sdN=90.5
fwN=0.00
sdE=14.7
fwE=4.98
20200316T180245.0001.fits
SecZ=1.26
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=14.9 15.3 15.6
ALT/AZ=52.4 -39.3
sdW=209.6
fwW=4.68
sdS=42.0
fwS=4.16
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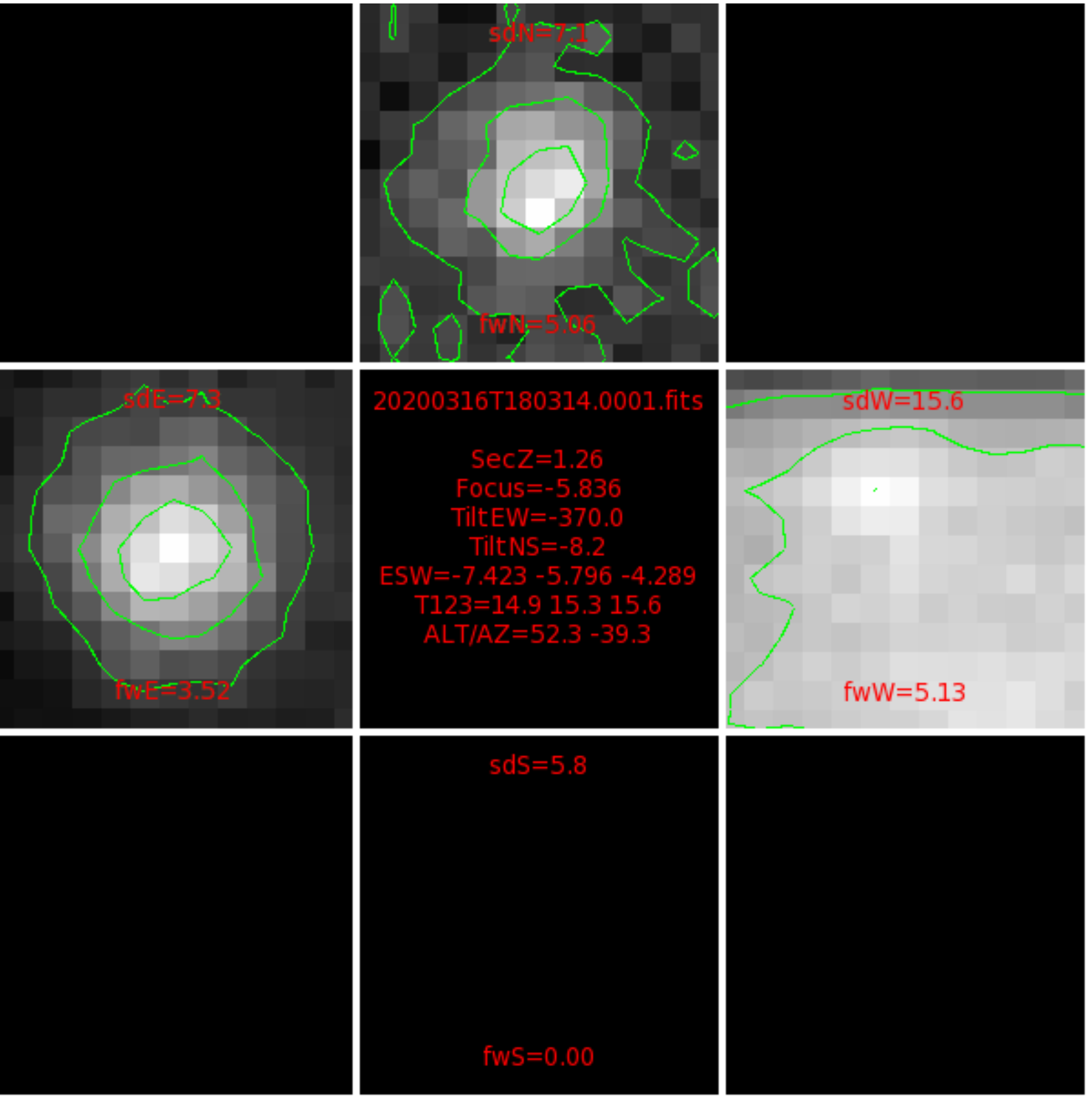
sdN=7.1
fwN=5.06
sdE=7.3
fwE=3.52
20200316T180314.0001.fits
SecZ=1.26
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=14.9 15.3 15.6
ALT/AZ=52.3 -39.3
sdW=15.6
fwW=5.13
sdS=5.8
fwS=0.00
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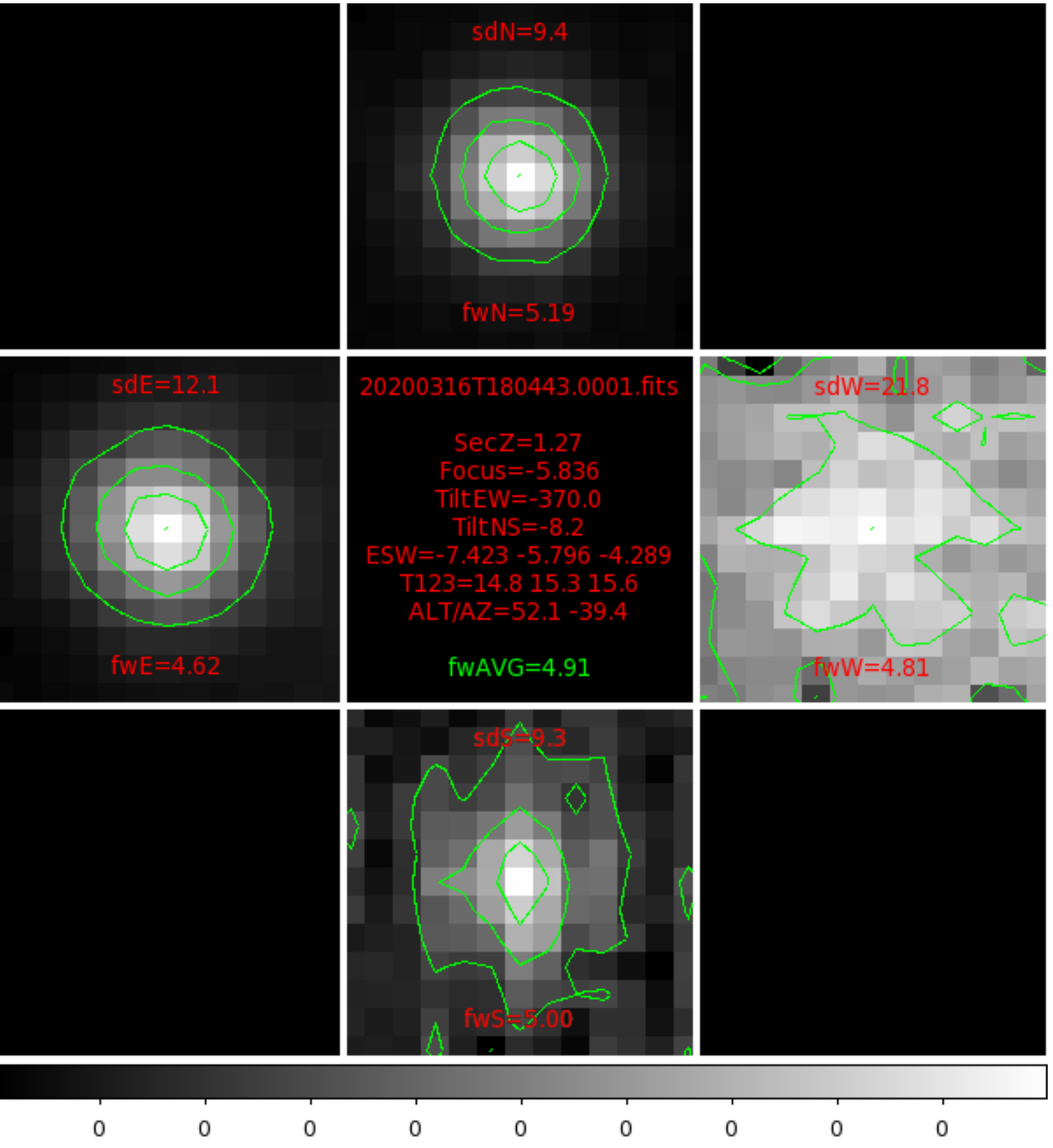
sdN=9.4
fwN=5.19
sdE=12.1
fwE=4.62
20200316T180443.0001.fits
SecZ=1.27
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=14.8 15.3 15.6
ALT/AZ=52.1 -39.4
fwAVG=4.91
sdW=21.8
fwW=4.81
sdS=9.3
fwS=5.00
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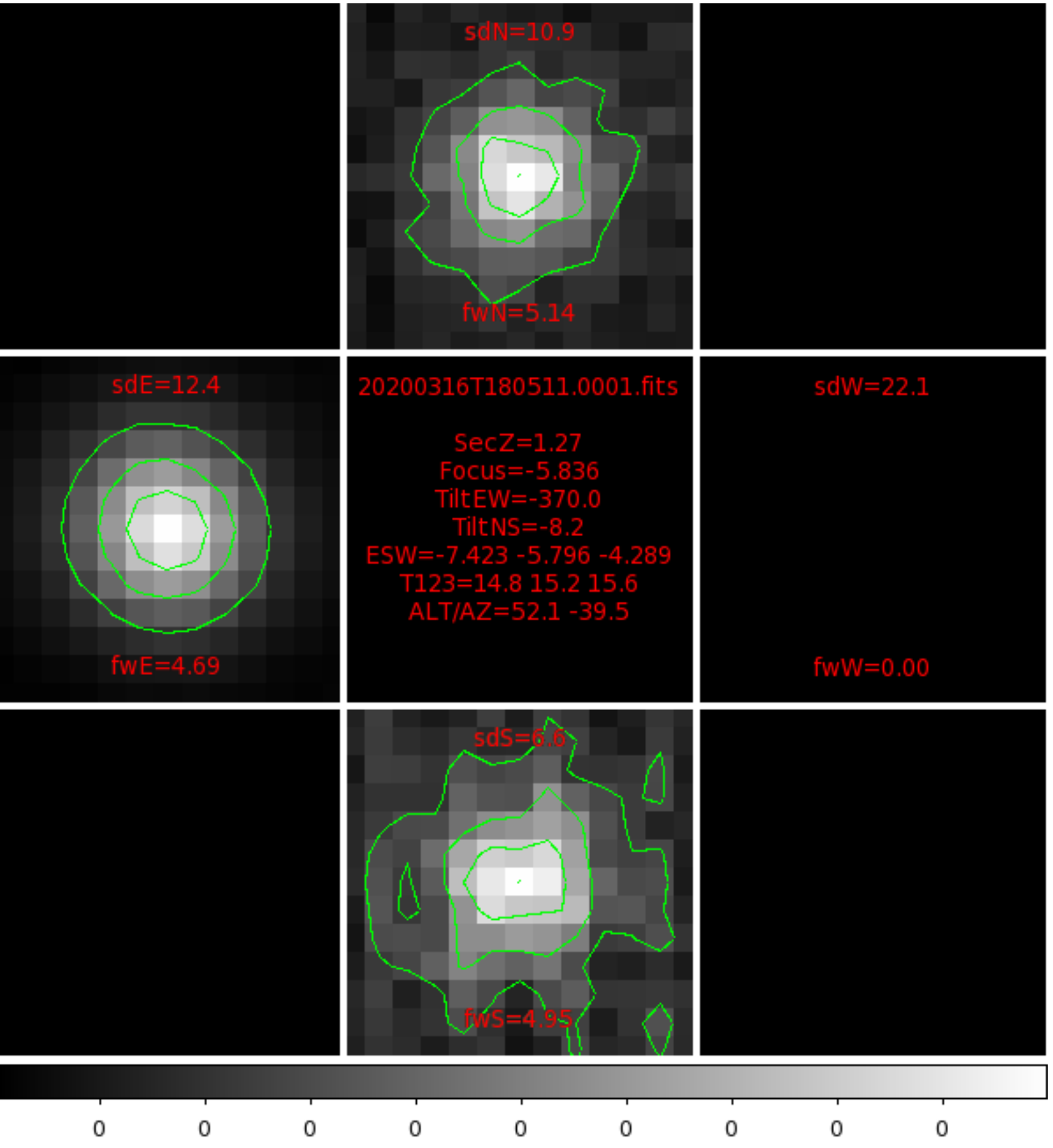
sdN=10.9
fwN=5.14
sdE=12.4
fwE=4.69
20200316T180511.0001.fits
SecZ=1.27
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=14.8 15.2 15.6
ALT/AZ=52.1 -39.5
sdW=22.1
fwW=0.00
sdS=6.6
fwS=4.95
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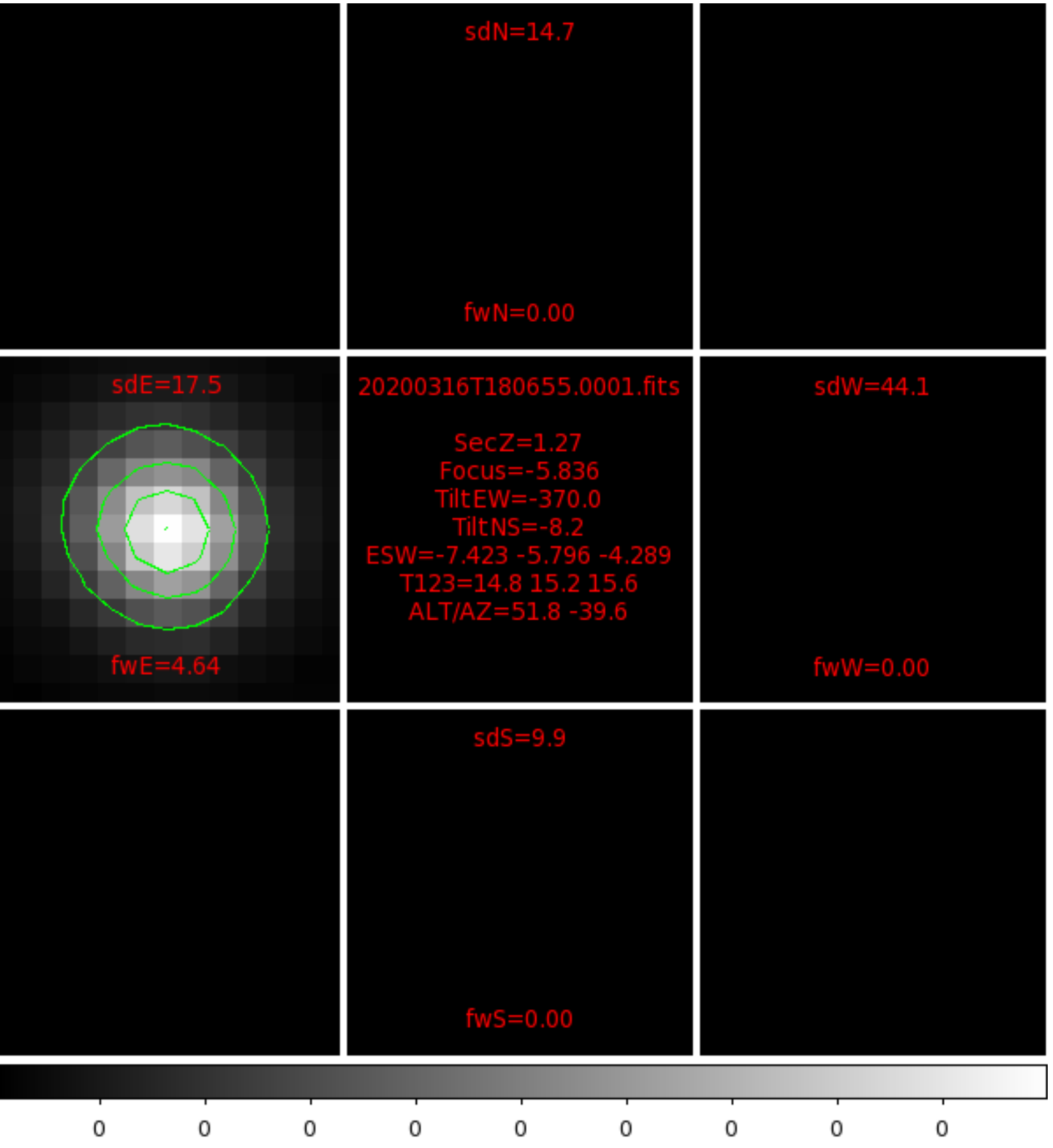
sdN=14.7
fwN=0.00
sdE=17.5
fwE=4.64
20200316T180655.0001.fits
SecZ=1.27
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=14.8 15.2 15.6
ALT/AZ=51.8 -39.6
sdW=44.1
fwW=0.00
sdS=9.9
fwS=0.00
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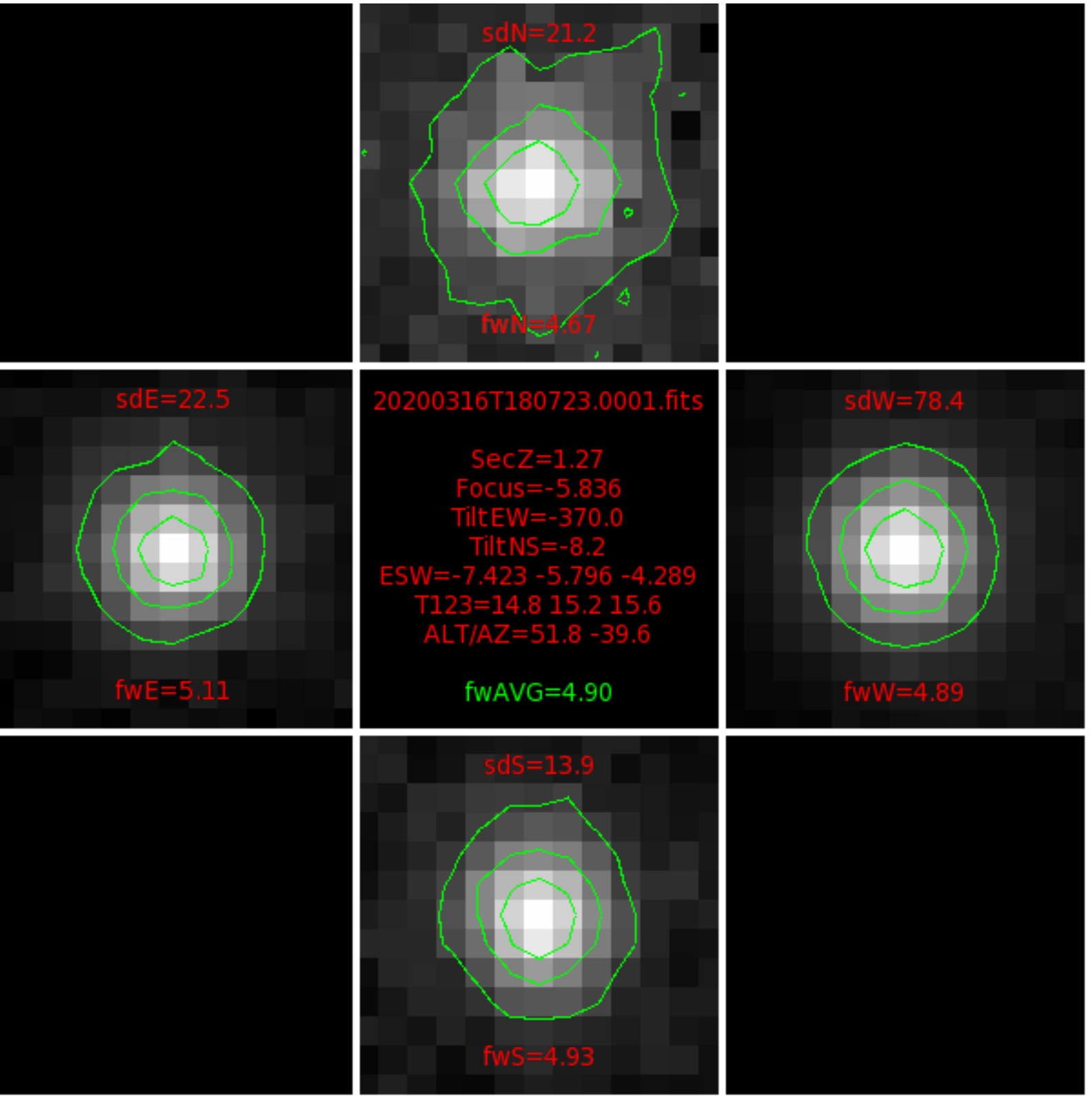
sdN=21.2
fwN=4.67
sdE=22.5
fwE=5.11
20200316T180723.0001.fits
SecZ=1.27
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=14.8 15.2 15.6
ALT/AZ=51.8 -39.6
fwAVG=4.90
sdW=78.4
fwW=4.89
sdS=13.9
fwS=4.93
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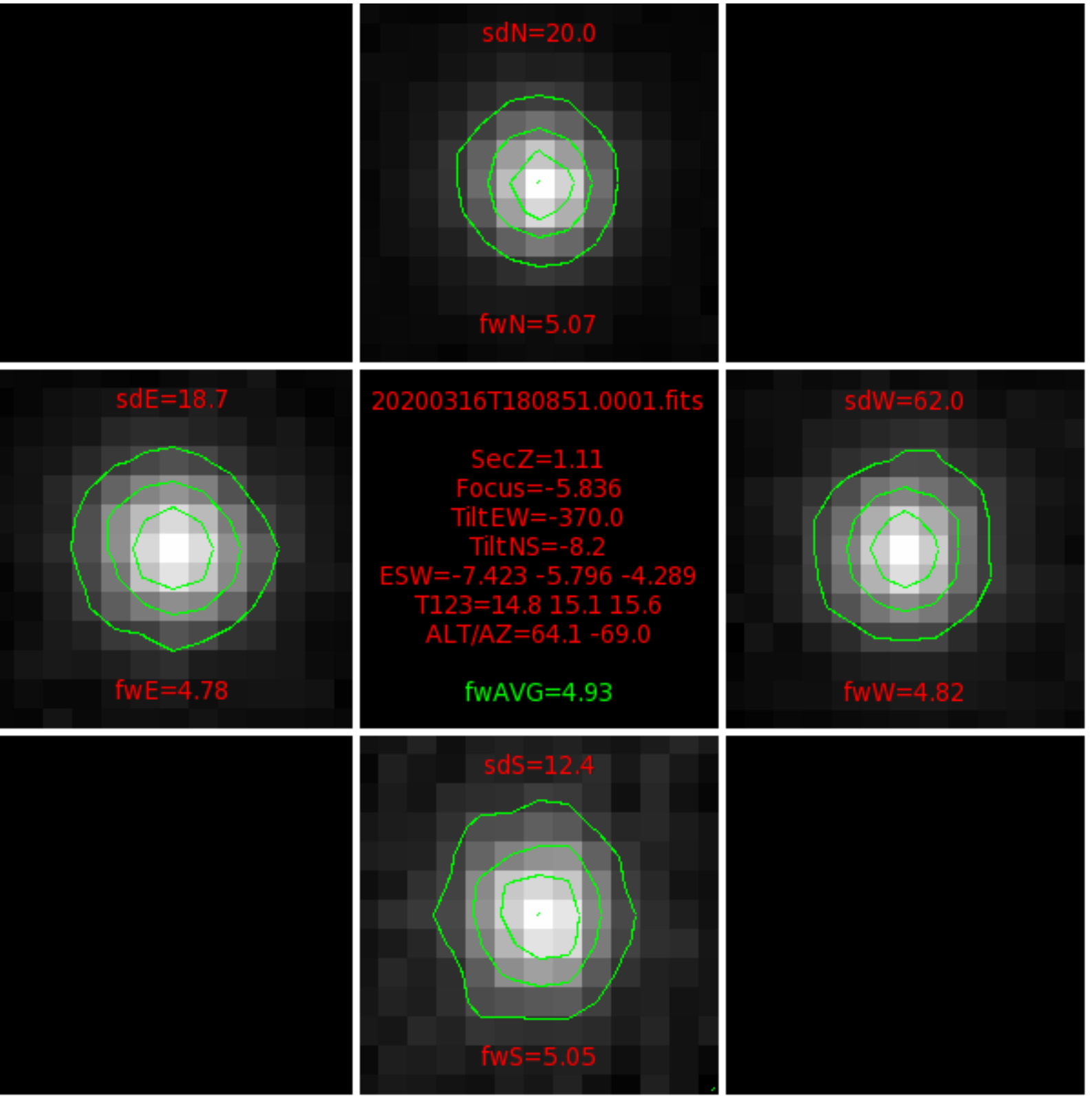
sdN=20.0
fwN=5.07
sdE=18.7
fwE=4.78
20200316T180851.0001.fits
SecZ=1.11
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=14.8 15.1 15.6
ALT/AZ=64.1 -69.0
fwAVG=4.93
sdW=62.0
fwW=4.82
sdS=12.4
fwS=5.05
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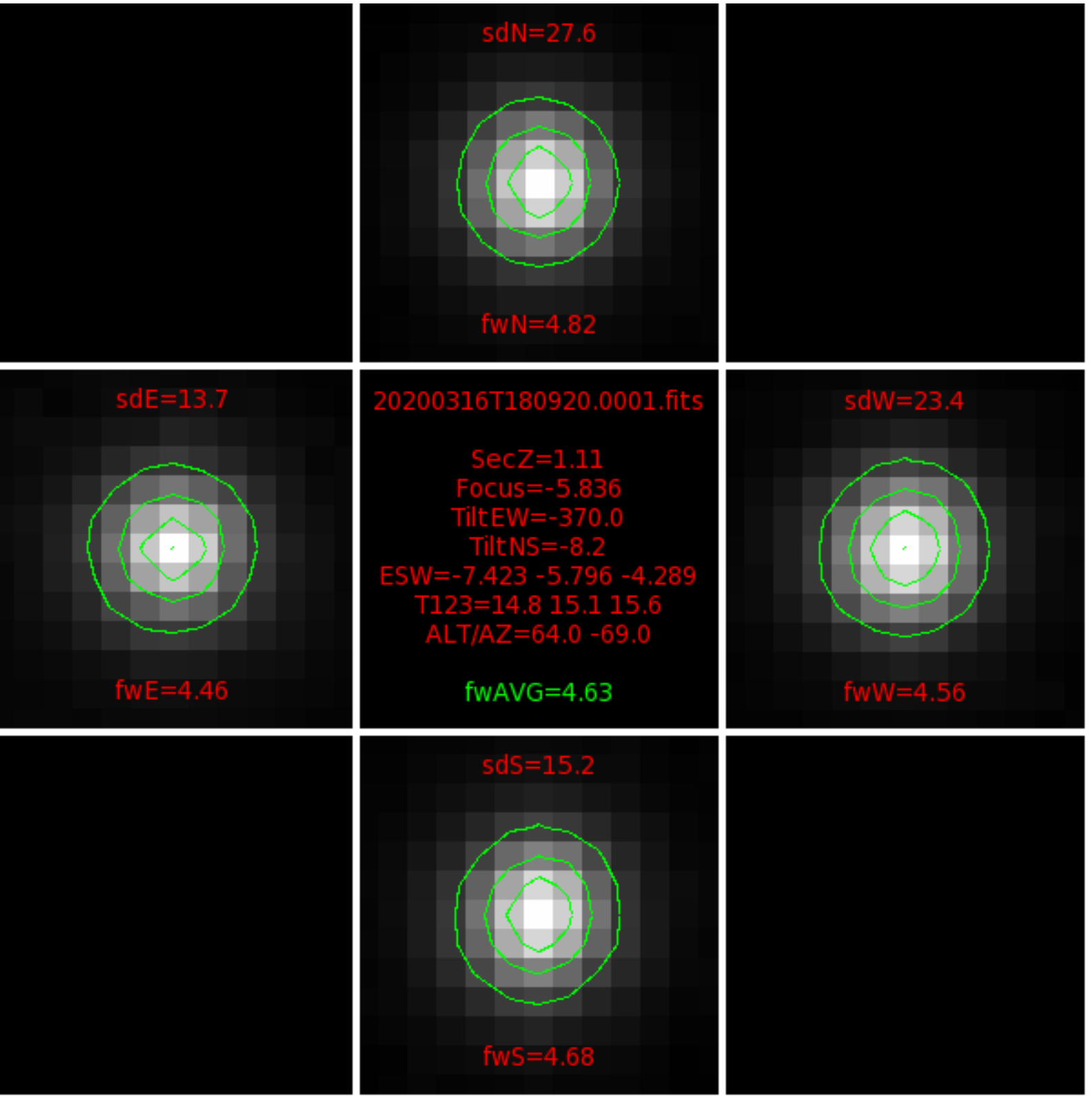
sdN=27.6
fwN=4.82
sdE=13.7
fwE=4.46
20200316T180920.0001.fits
SecZ=1.11
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=14.8 15.1 15.6
ALT/AZ=64.0 -69.0
fwAVG=4.63
sdW=23.4
fwW=4.56
sdS=15.2
fwS=4.68
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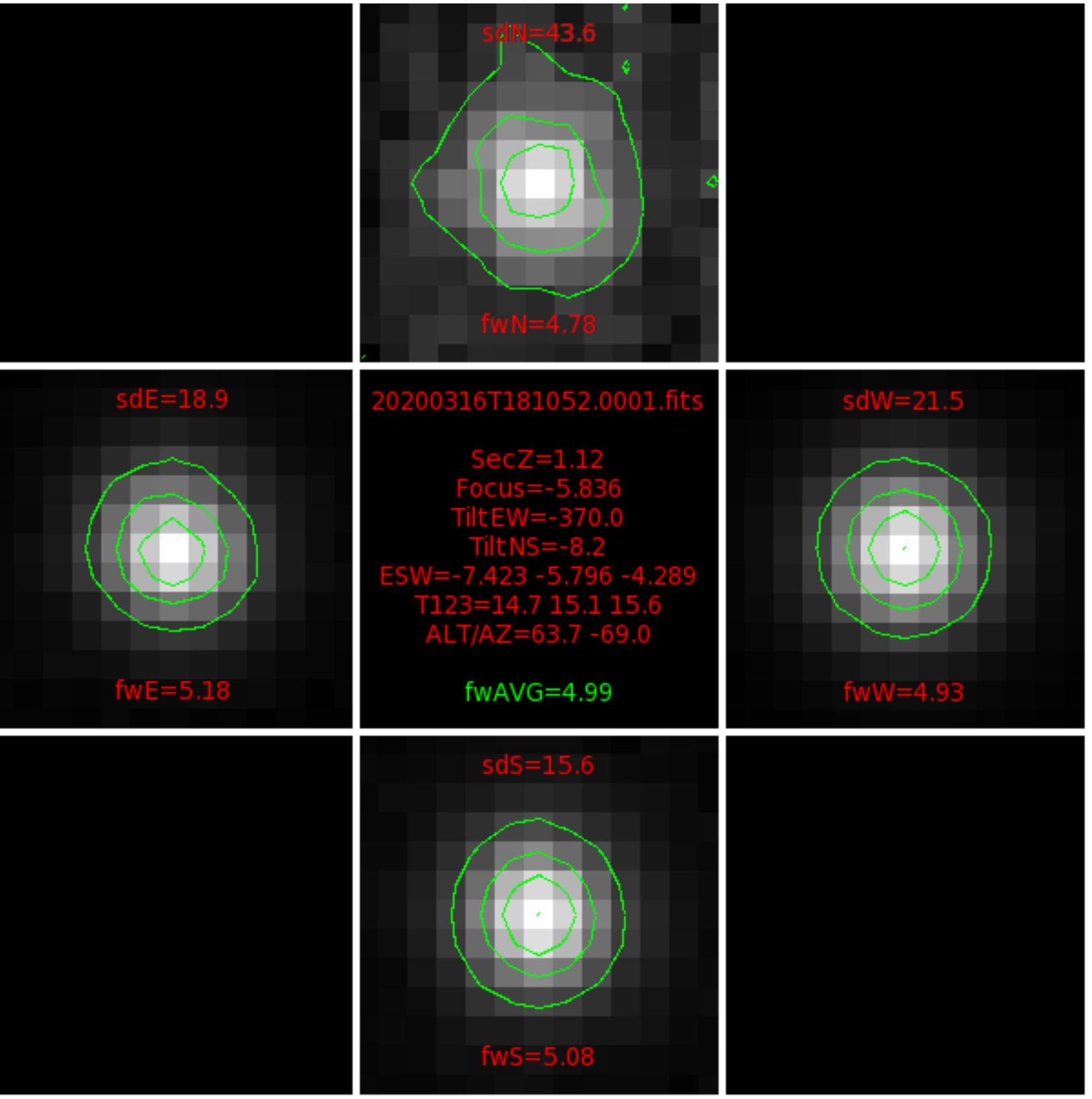
sdN=43.6
fwN=4.78
sdE=18.9
fwE=5.18
20200316T181052.0001.fits
SecZ=1.12
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=14.7 15.1 15.6
ALT/AZ=63.7 -69.0
fwAVG=4.99
sdW=21.5
fwW=4.93
sdS=15.6
fwS=5.08
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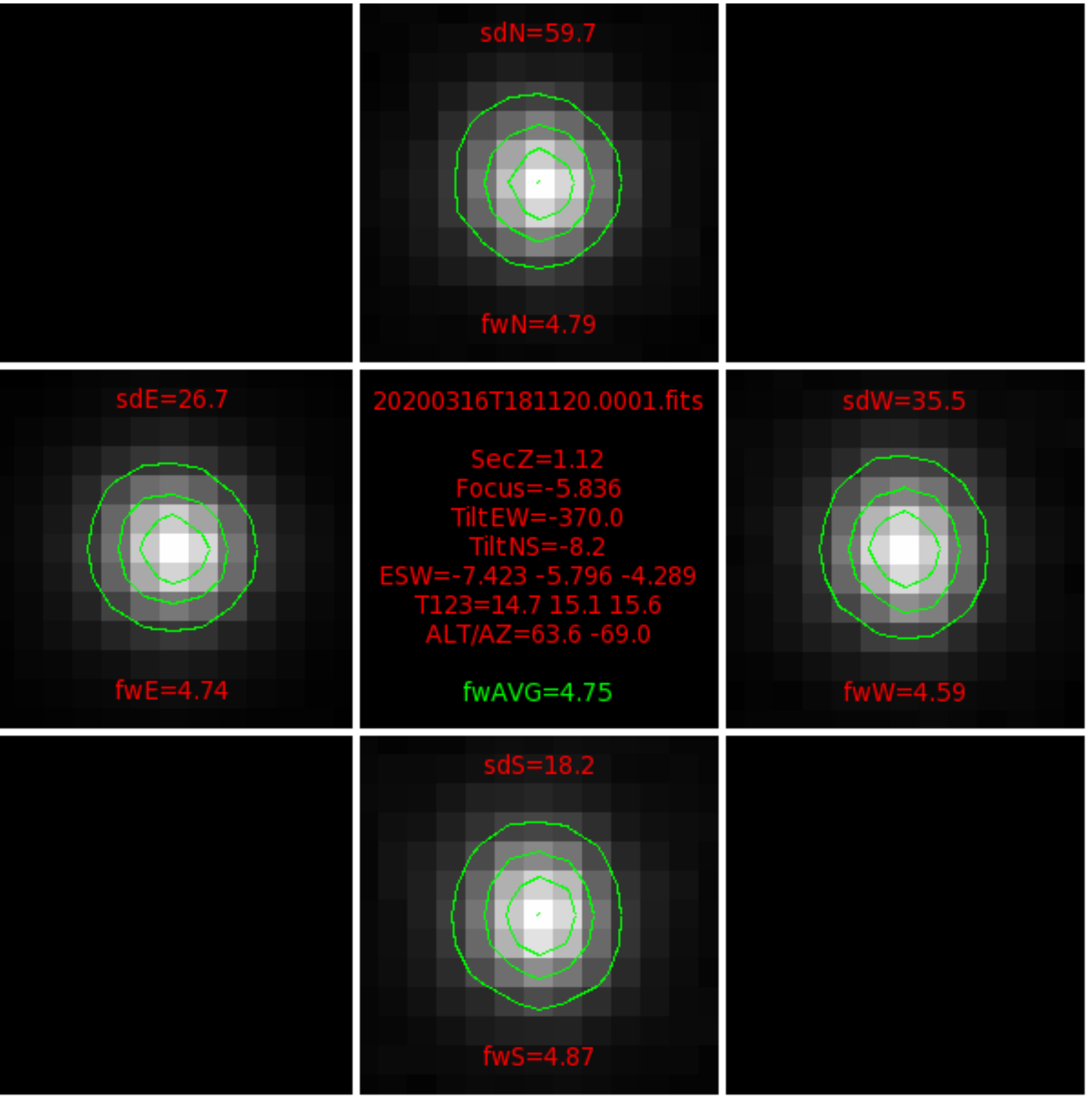
sdN=59.7
fwN=4.79
sdE=26.7
fwE=4.74
20200316T181120.0001.fits
SecZ=1.12
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=14.7 15.1 15.6
ALT/AZ=63.6 -69.0
fwAVG=4.75
sdW=35.5
fwW=4.59
sdS=18.2
fwS=4.87
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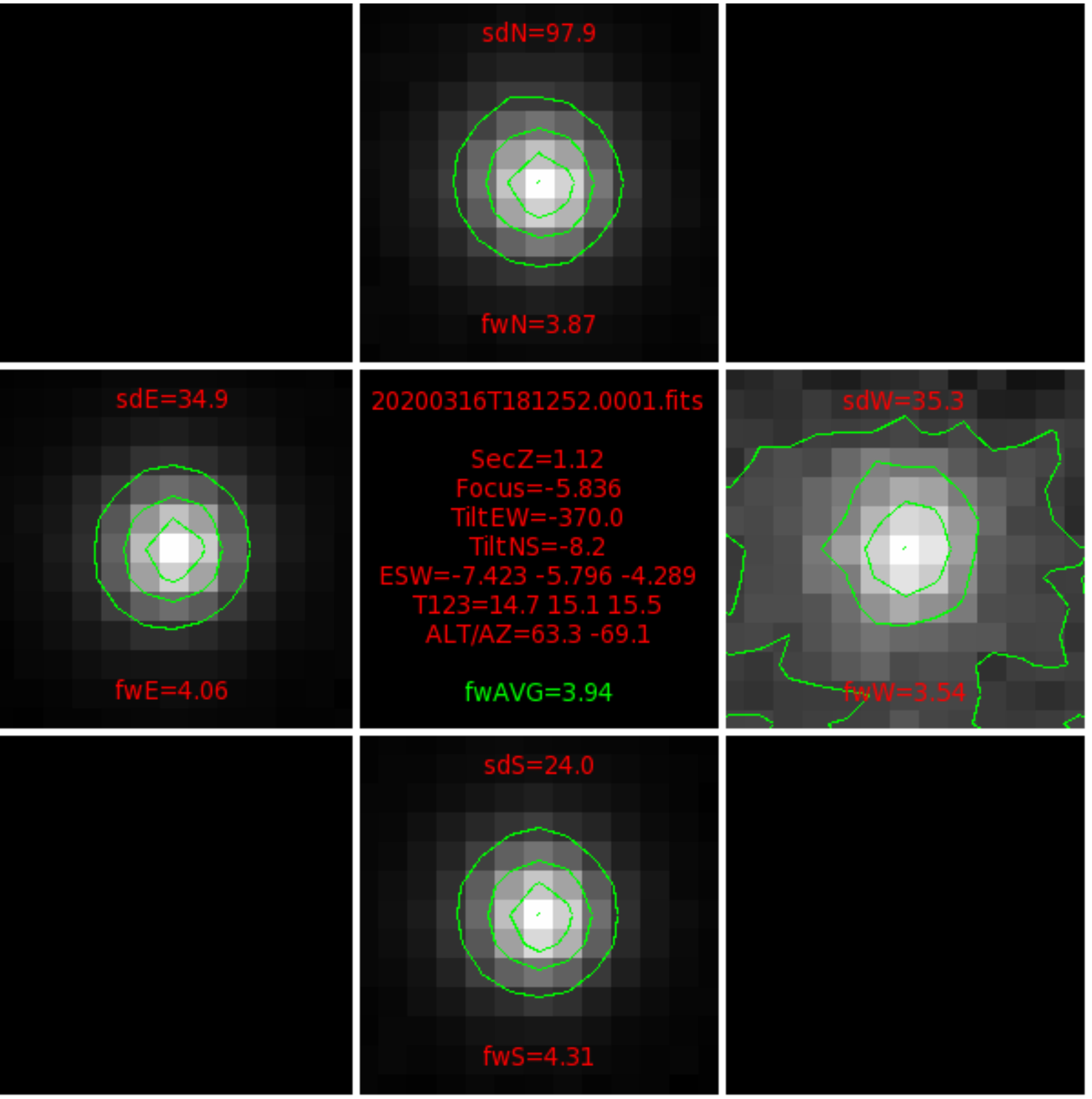
sdN=97.9
fwN=3.87
sdE=34.9
fwE=4.06
20200316T181252.0001.fits
SecZ=1.12
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=14.7 15.1 15.5
ALT/AZ=63.3 -69.1
fwAVG=3.94
sdW=35.3
fwW=3.54
sdS=24.0
fwS=4.31
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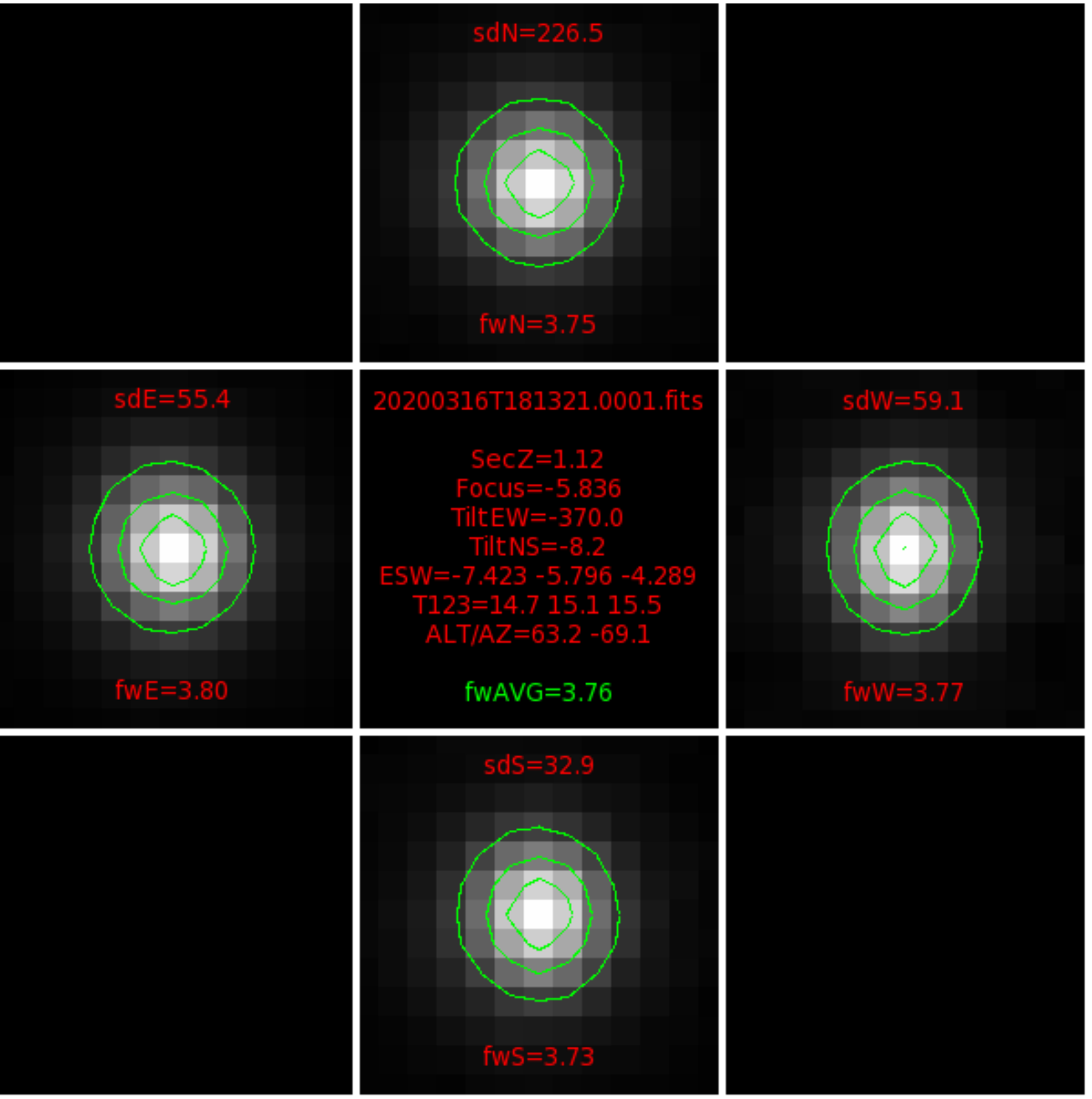
sdN=226.5
fwN=3.75
sdE=55.4
fwE=3.80
20200316T181321.0001.fits
SecZ=1.12
Focus=-5.836
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.423 -5.796 -4.289
T123=14.7 15.1 15.5
ALT/AZ=63.2 -69.1
fwAVG=3.76
sdW=59.1
fwW=3.77
sdS=32.9
fwS=3.73
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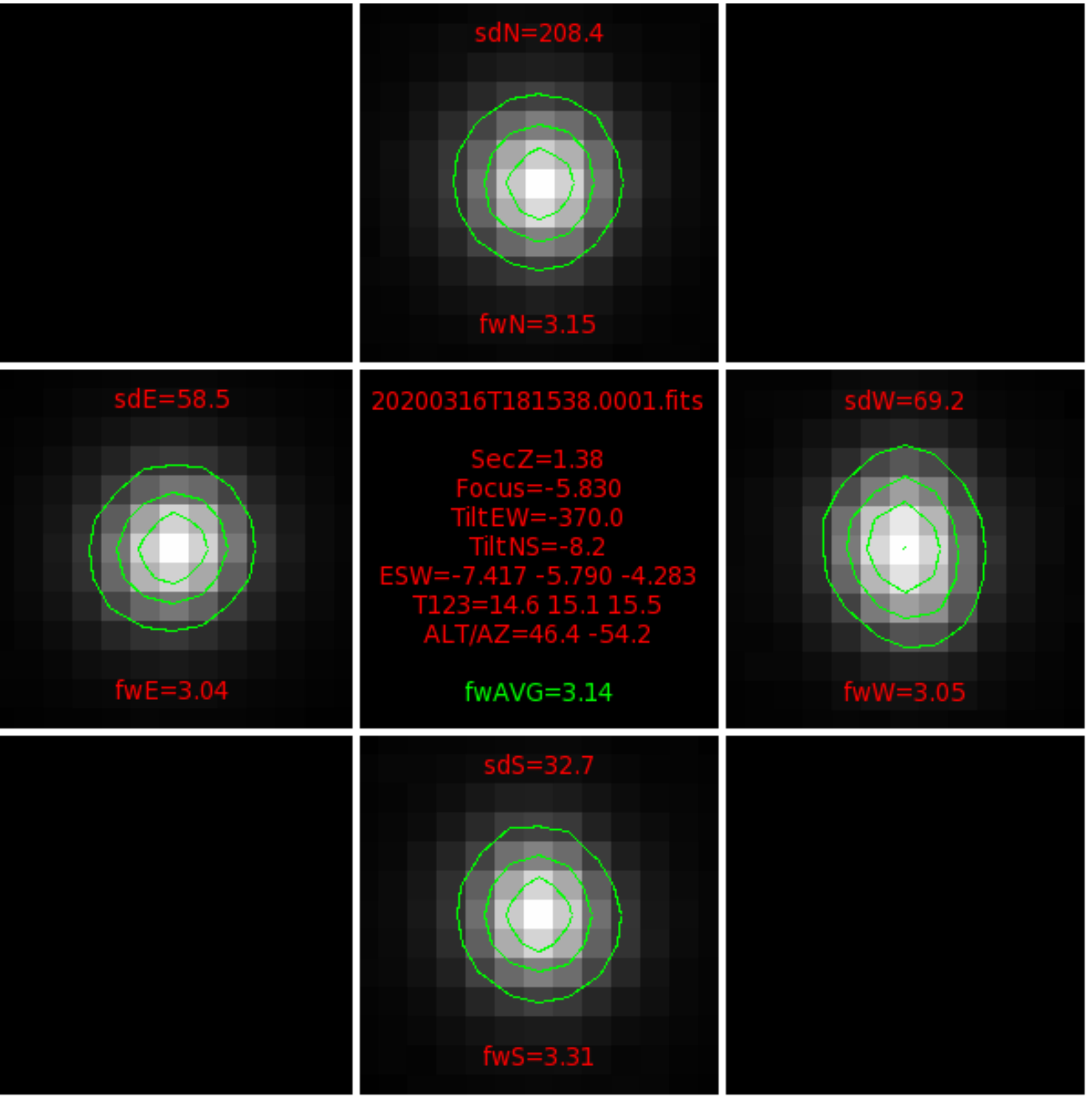
sdN=208.4
fwN=3.15
sdE=58.5
fwE=3.04
20200316T181538.0001.fits
SecZ=1.38
Focus=-5.830
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.417 -5.790 -4.283
T123=14.6 15.1 15.5
ALT/AZ=46.4 -54.2
fwAVG=3.14
sdW=69.2
fwW=3.05
sdS=32.7
fwS=3.31
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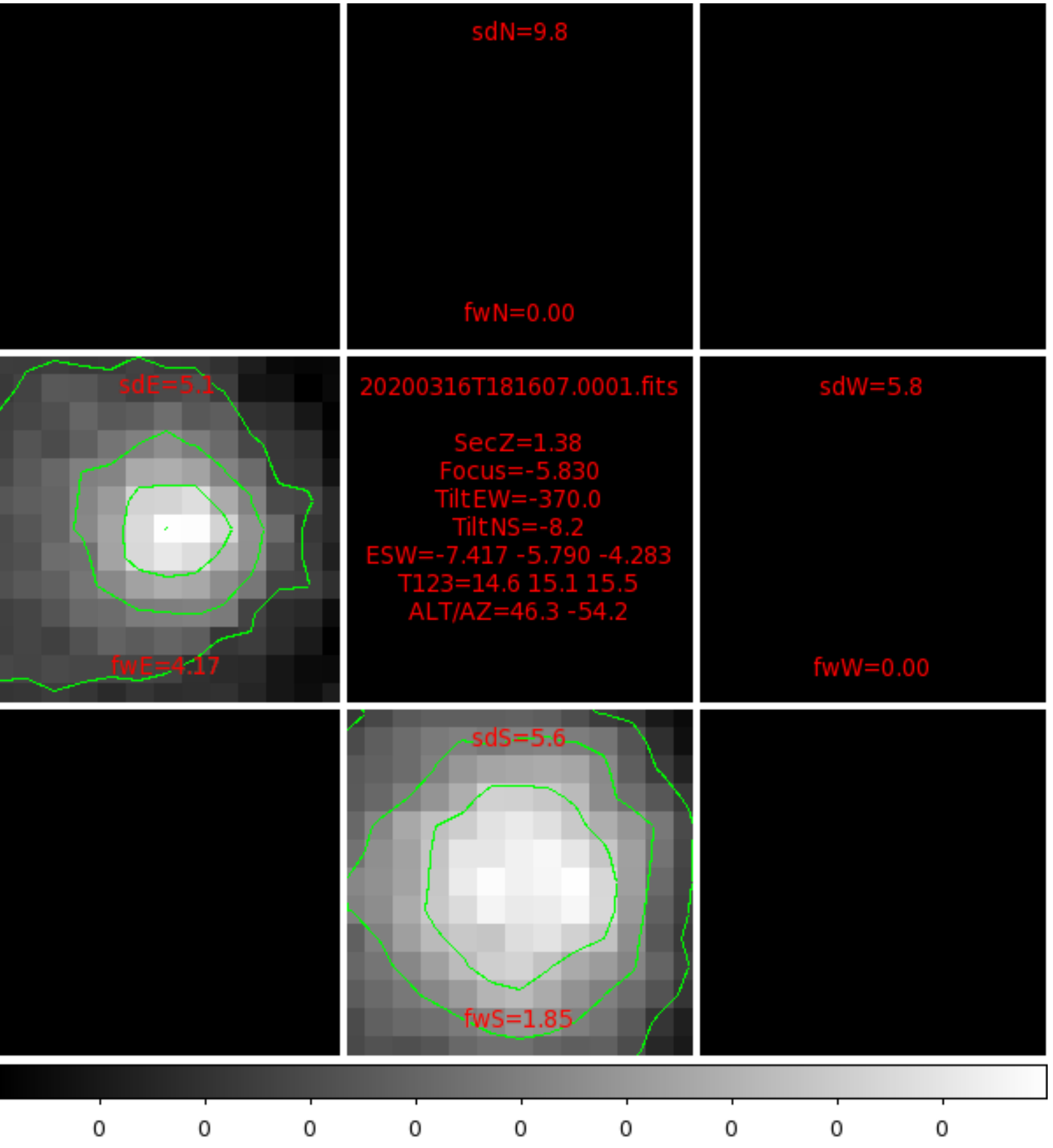
sdN=9.8
fwN=0.00
sdE=5.1
fwE=4.17
20200316T181607.0001.fits
SecZ=1.38
Focus=-5.830
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.417 -5.790 -4.283
T123=14.6 15.1 15.5
ALT/AZ=46.3 -54.2
sdW=5.8
fwW=0.00
sdS=5.6
fwS=1.85
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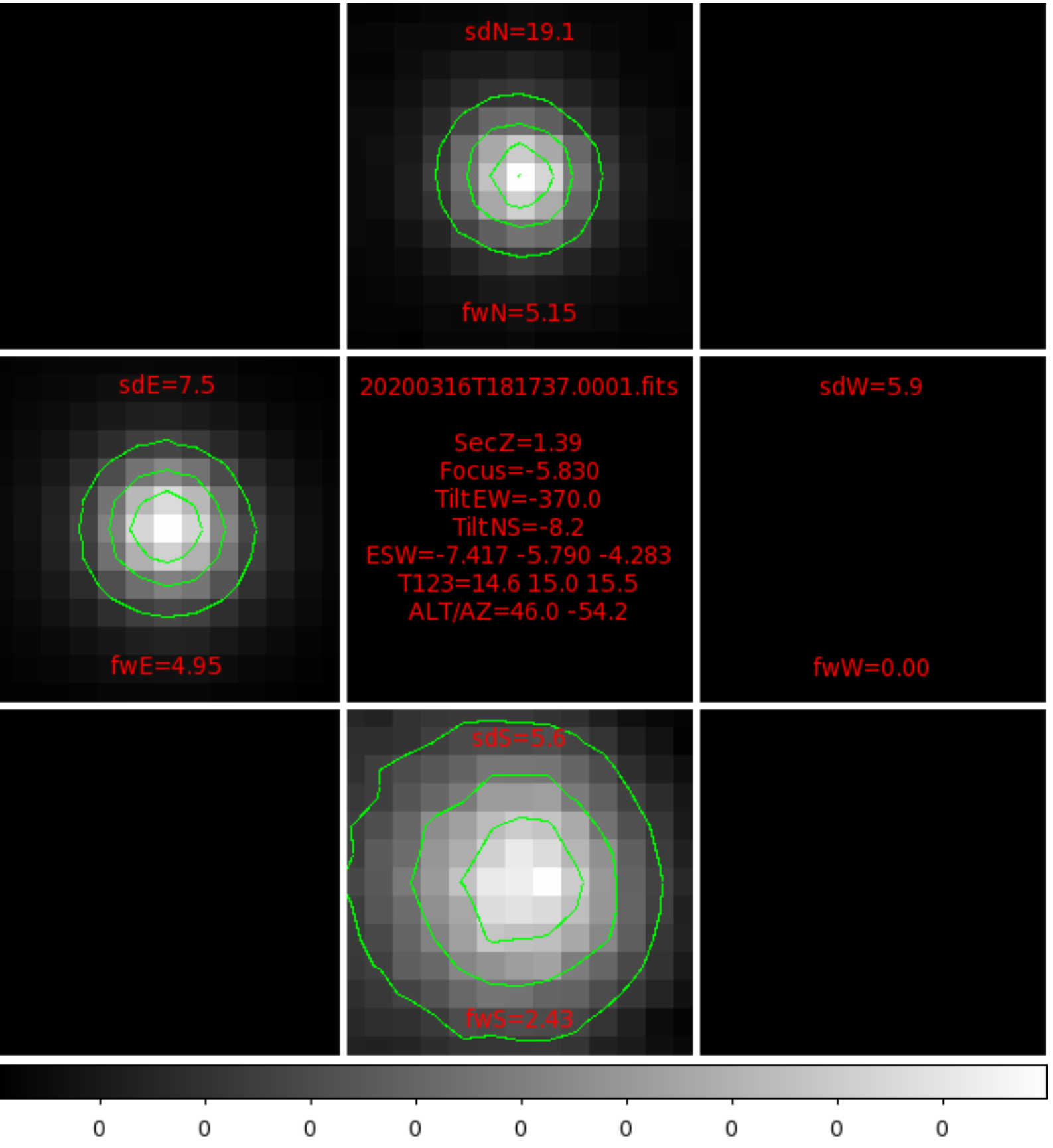
sdN=19.1
fwN=5.15
sdE=7.5
fwE=4.95
20200316T181737.0001.fits
SecZ=1.39
Focus=-5.830
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.417 -5.790 -4.283
T123=14.6 15.0 15.5
ALT/AZ=46.0 -54.2
sdW=5.9
fwW=0.00
sdS=5.6
fwS=2.43
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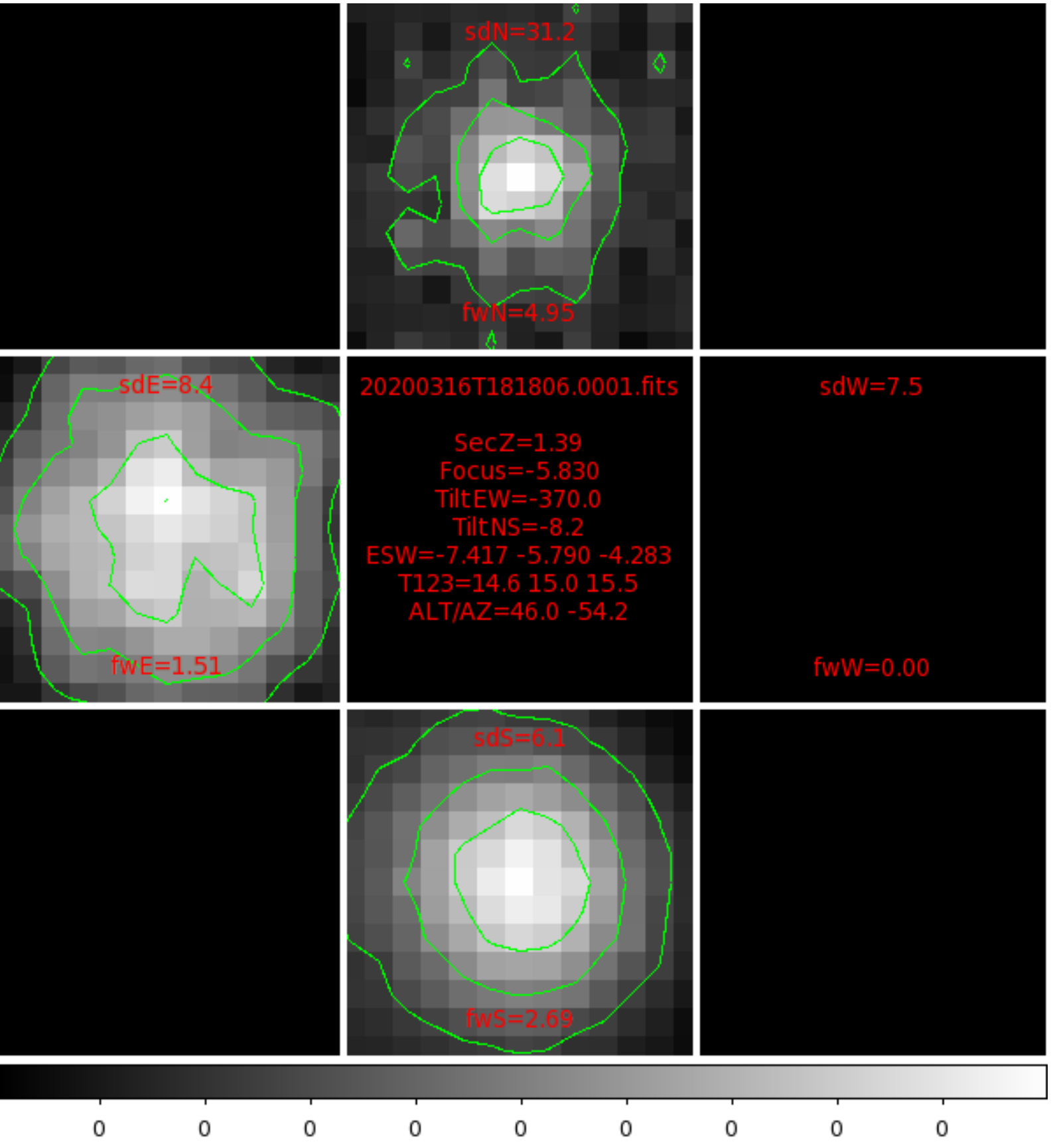
sdN=31.2
fwN=4.95
sdE=8.4
fwE=1.51
20200316T181806.0001.fits
SecZ=1.39
Focus=-5.830
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.417 -5.790 -4.283
T123=14.6 15.0 15.5
ALT/AZ=46.0 -54.2
sdW=7.5
fwW=0.00
sdS=6.1
fwS=2.69
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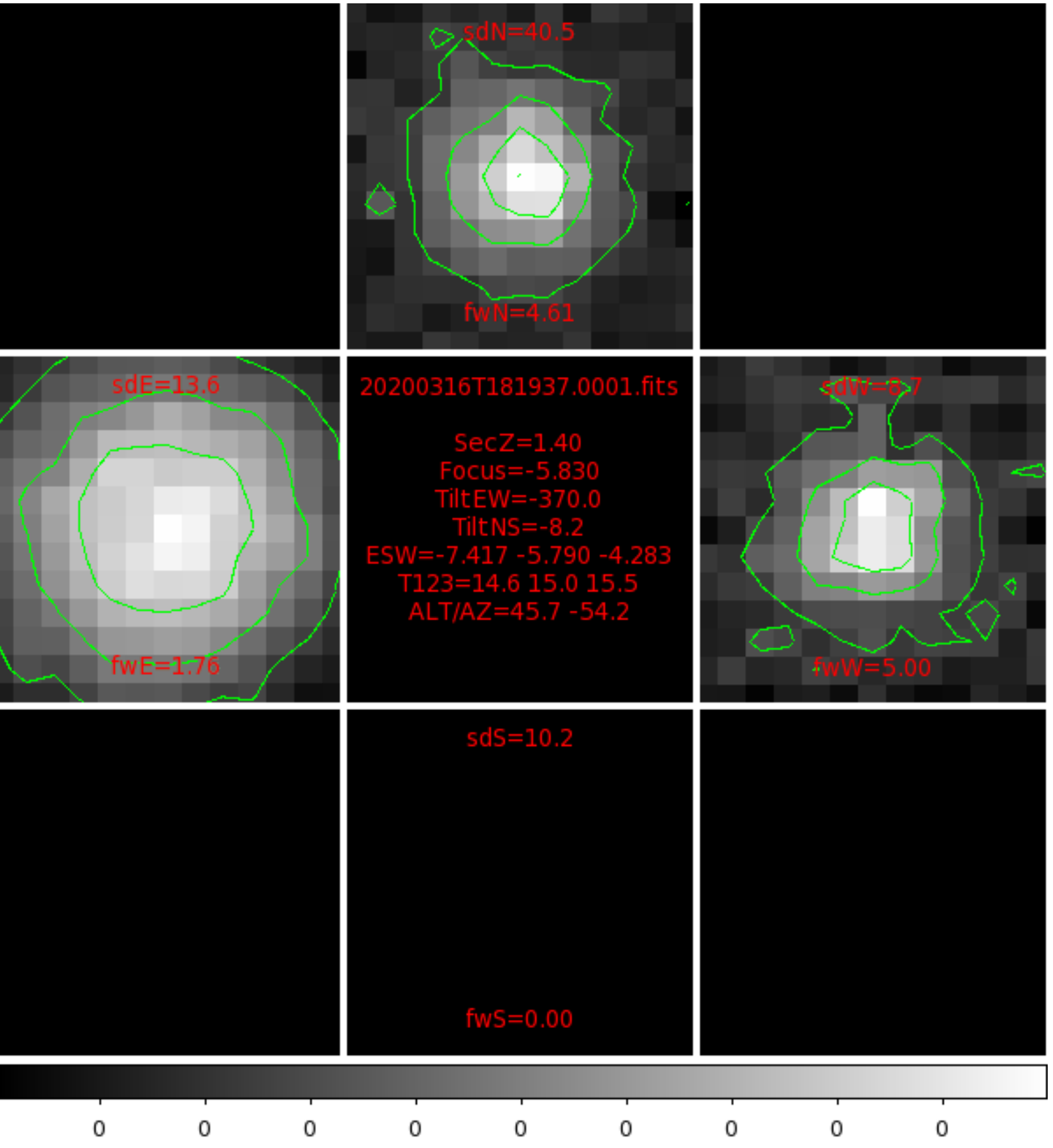
sdN=40.5
fwN=4.61
sdE=13.6
fwE=1.76
20200316T181937.0001.fits
SecZ=1.40
Focus=-5.830
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.417 -5.790 -4.283
T123=14.6 15.0 15.5
ALT/AZ=45.7 -54.2
sdW=6.7
fwW=5.00
sdS=10.2
fwS=0.00
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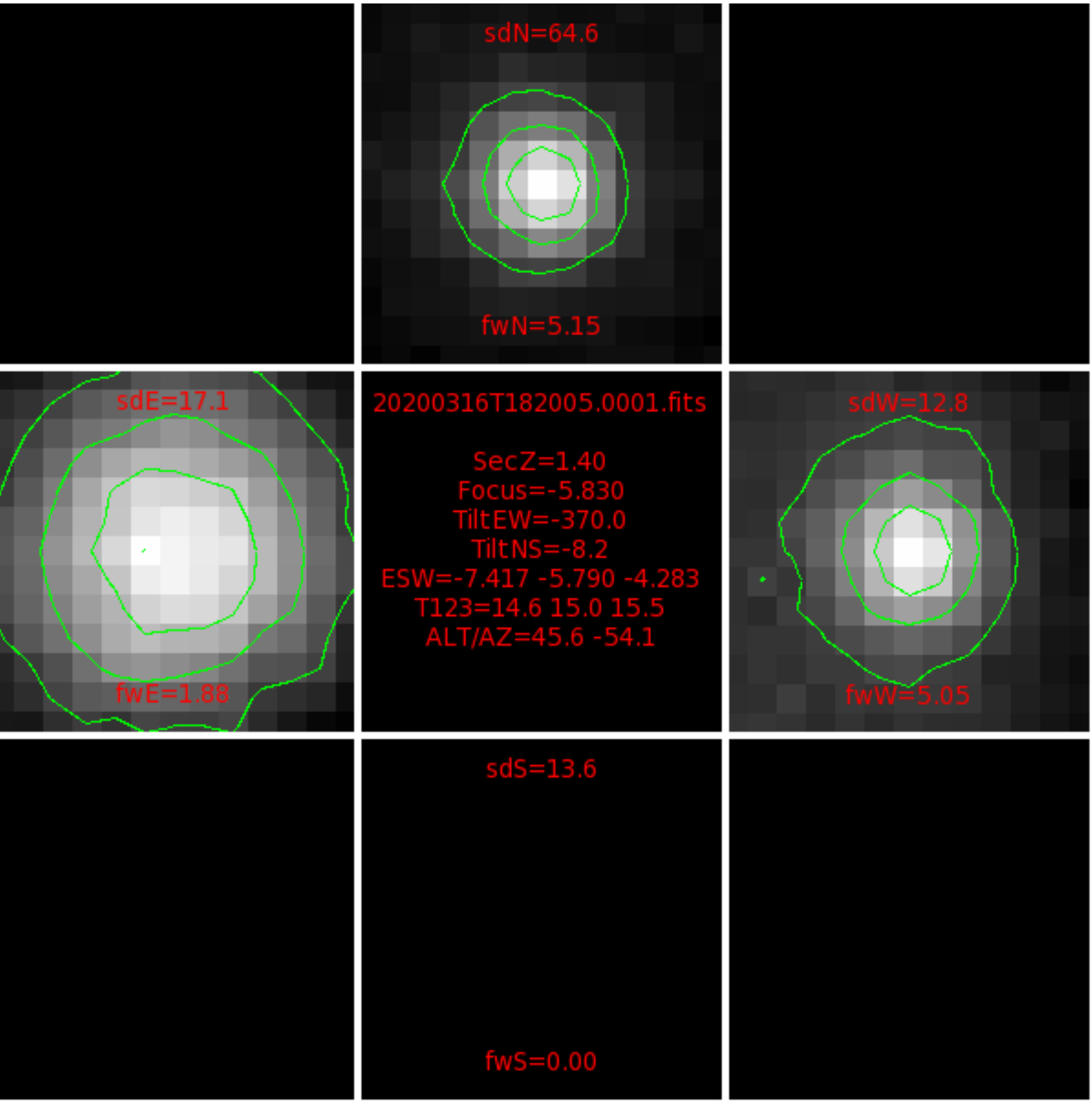
sdN=64.6
fwN=5.15
sdE=17.1
fwE=1.88
20200316T182005.0001.fits
SecZ=1.40
Focus=-5.830
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.417 -5.790 -4.283
T123=14.6 15.0 15.5
ALT/AZ=45.6 -54.1
sdW=12.8
fwW=5.05
sdS=13.6
fwS=0.00
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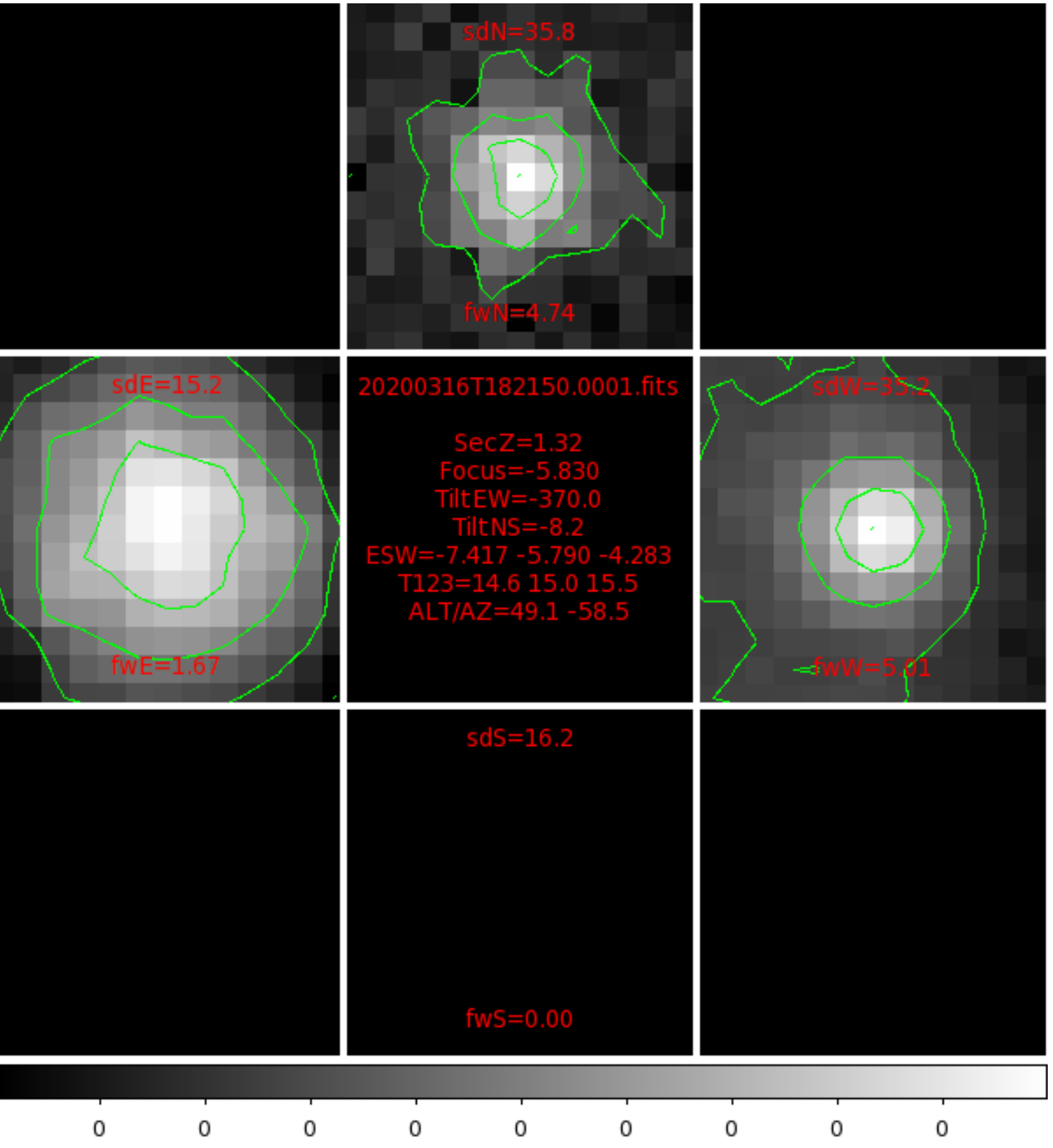
sdN=35.8
fwN=4.74
sdE=15.2
fwE=1.67
20200316T182150.0001.fits
SecZ=1.32
Focus=-5.830
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.417 -5.790 -4.283
T123=14.6 15.0 15.5
ALT/AZ=49.1 -58.5
sdW=35.2
fwW=5.01
sdS=16.2
fwS=0.00
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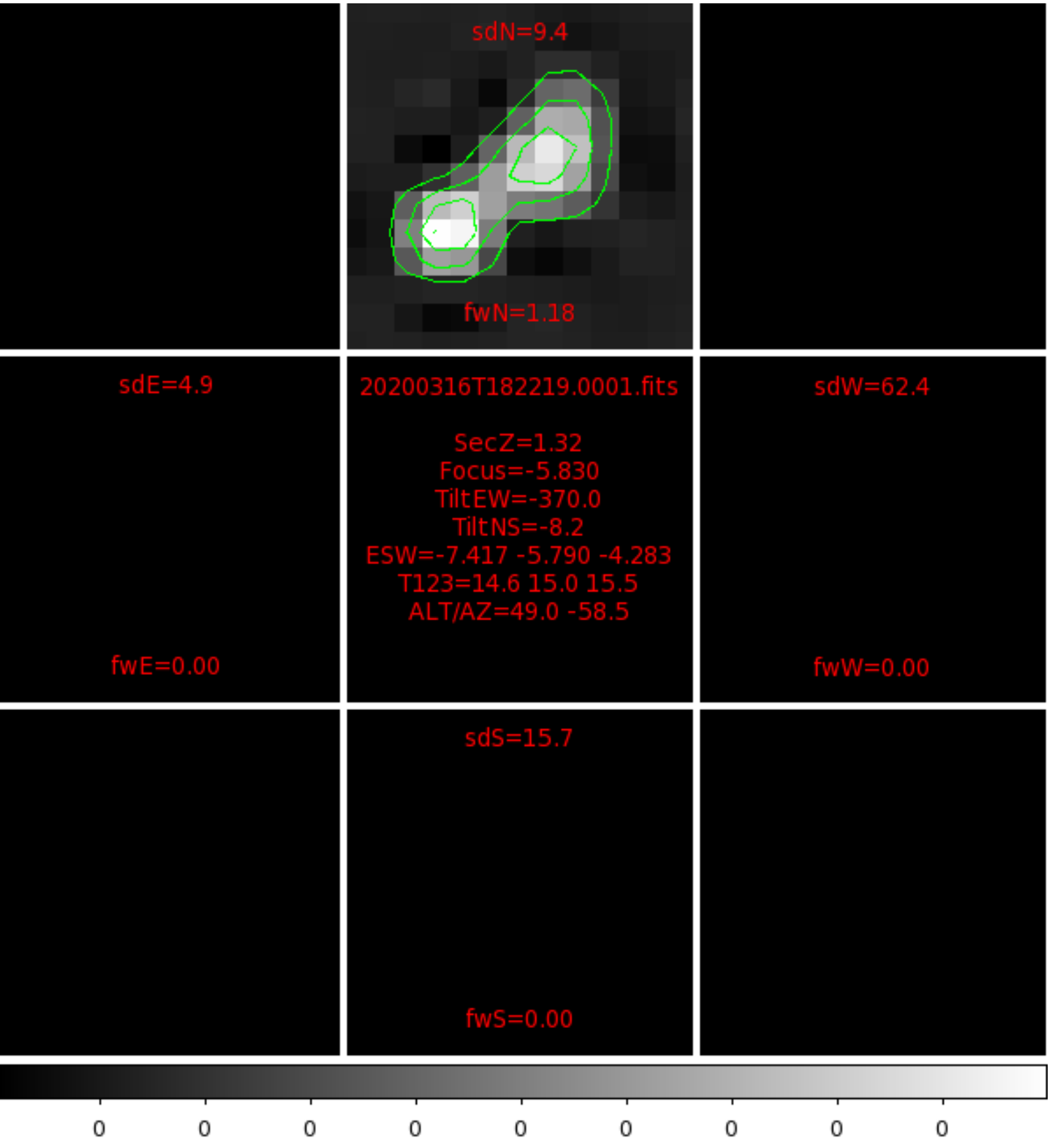
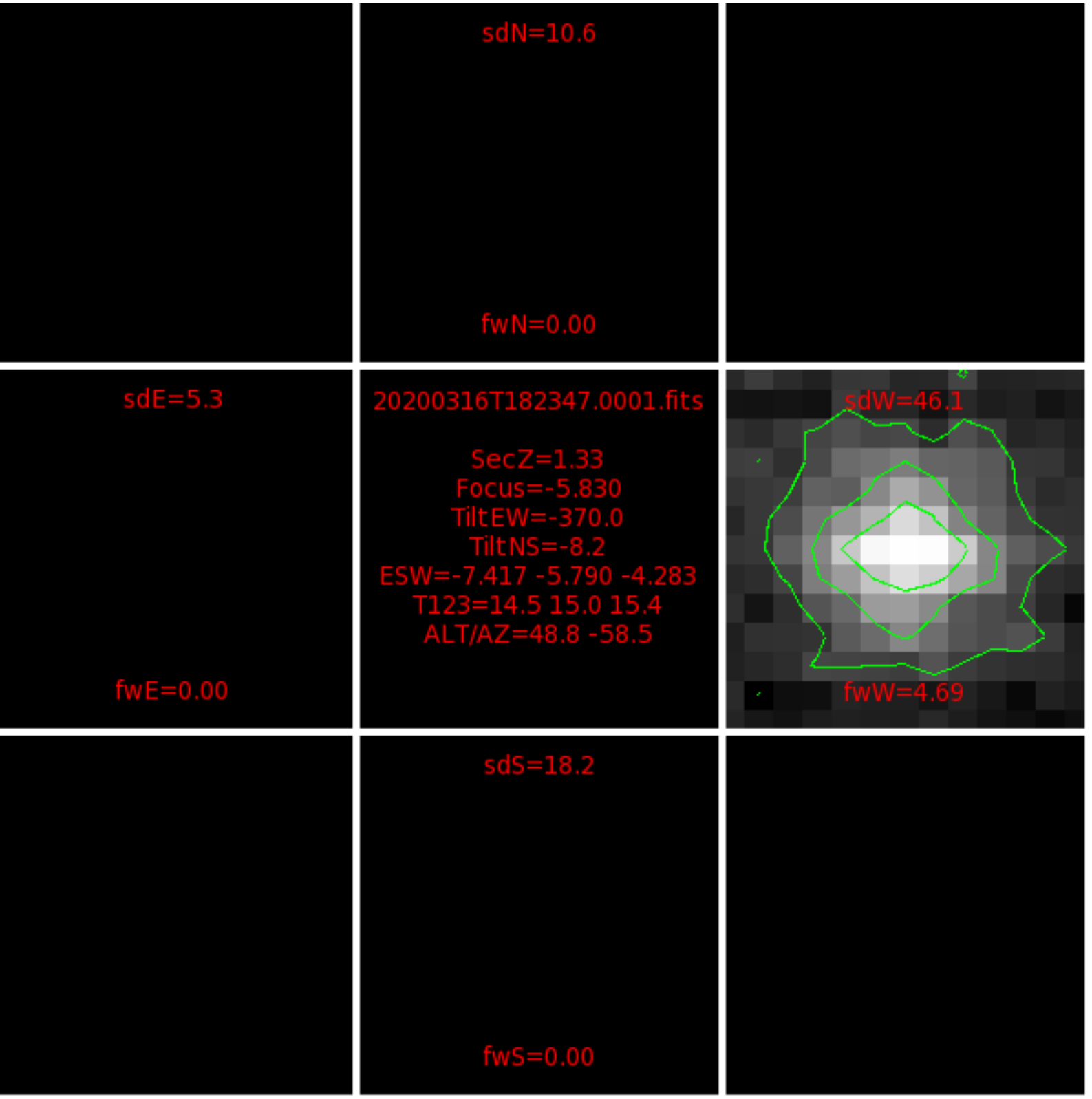
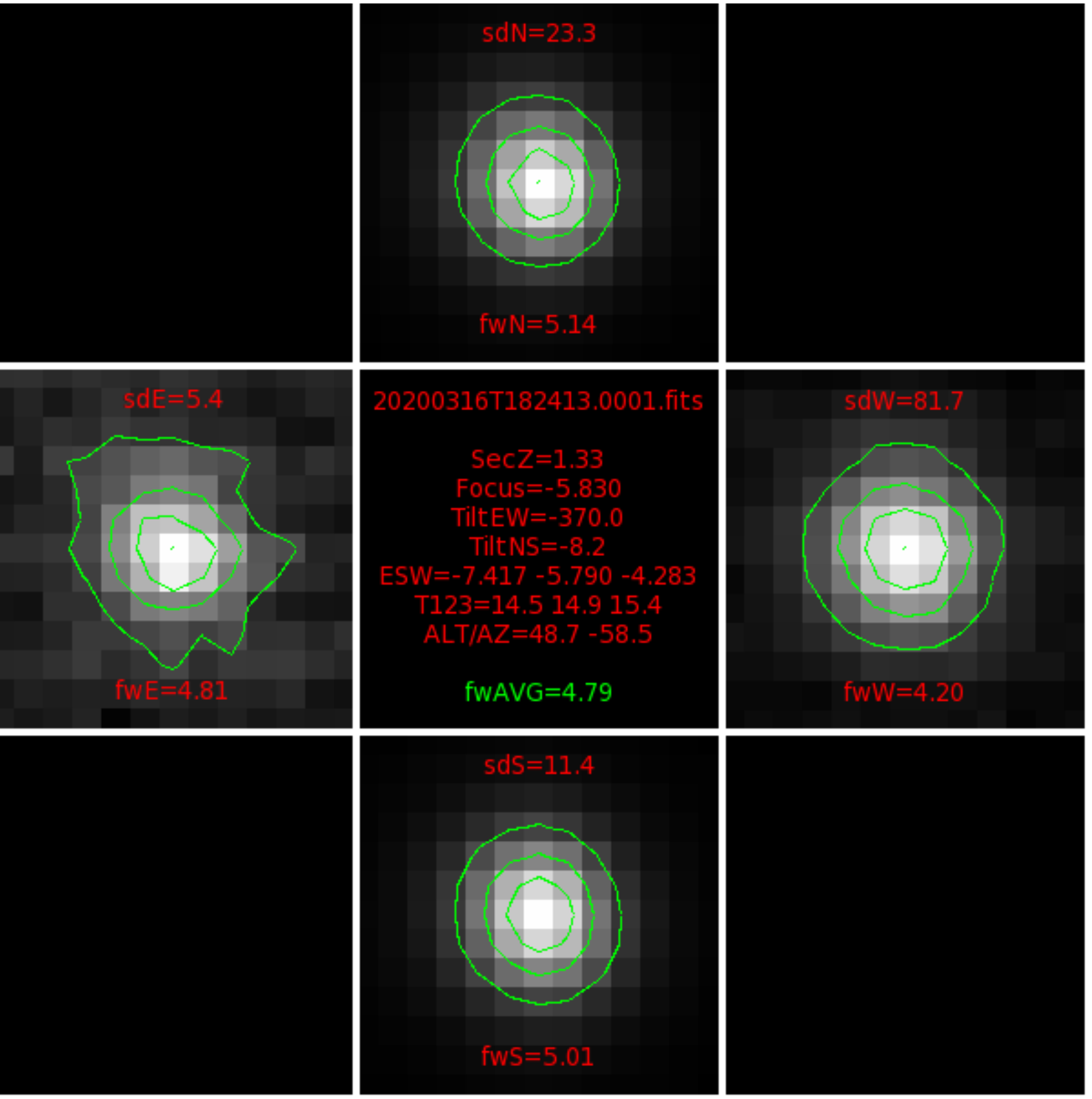
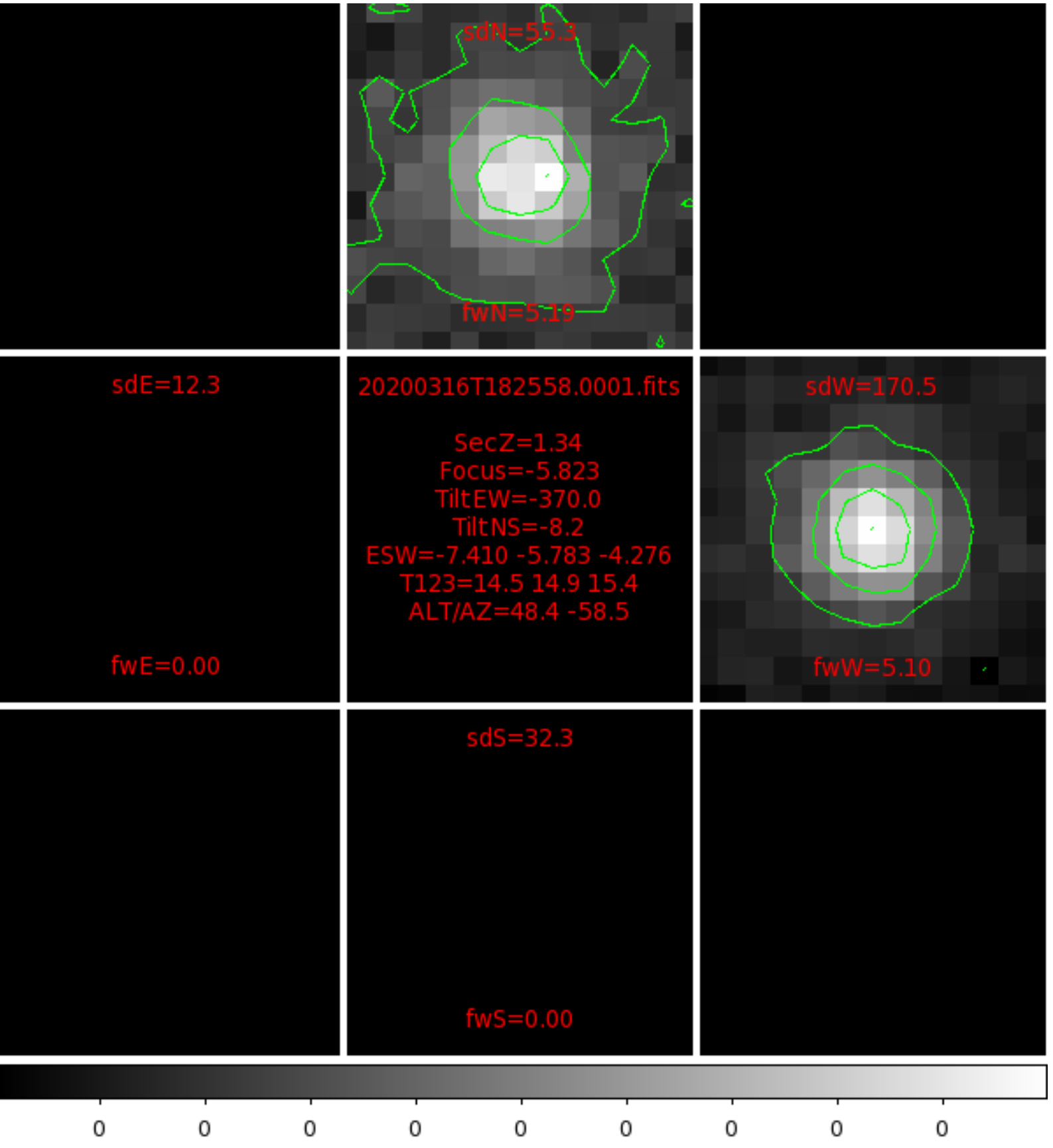
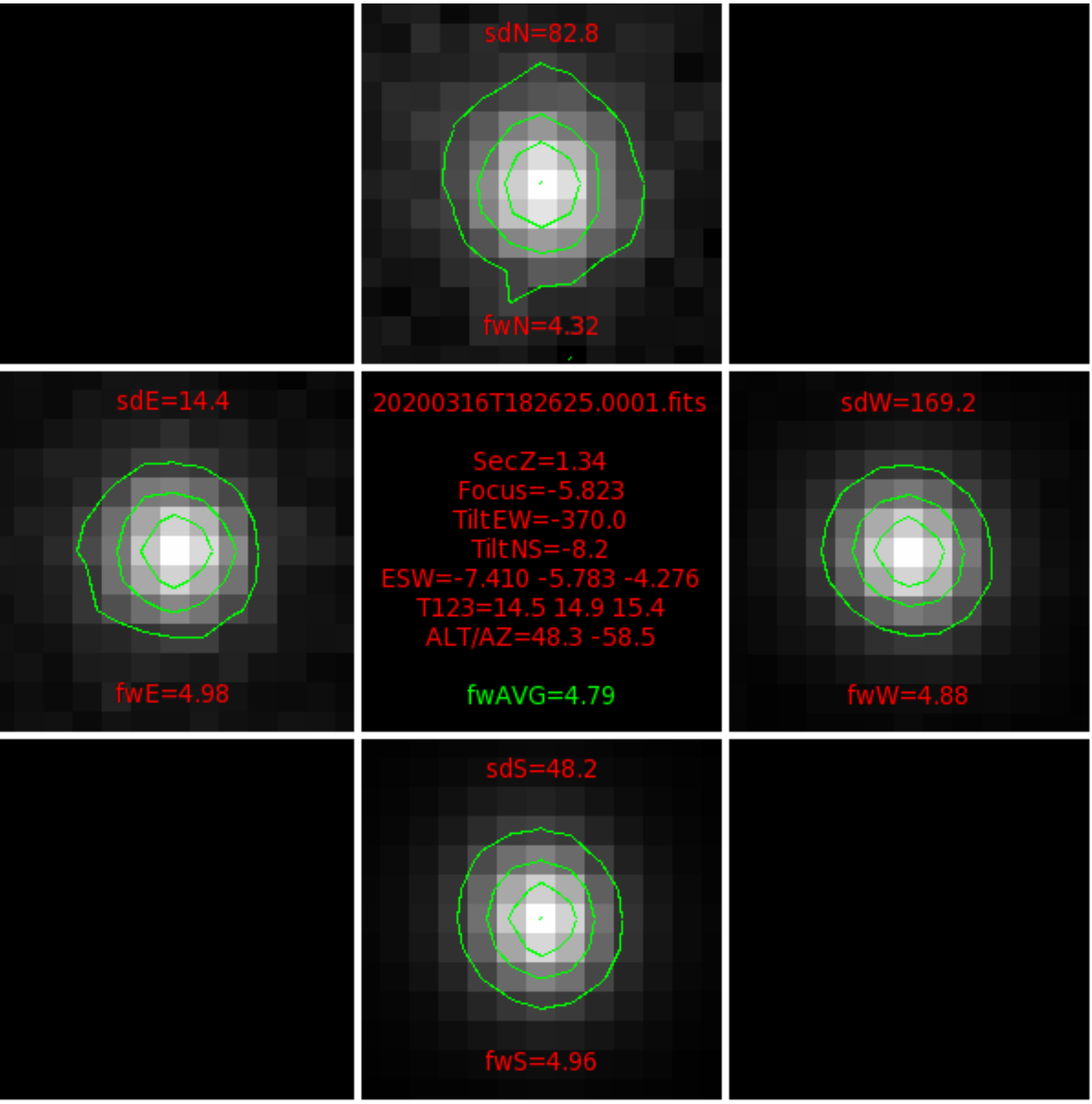

sdN=9.4
fwN=1.18
sdE=4.9
fwE=0.00
20200316T182219.0001.fits
SecZ=1.32
Focus=-5.830
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.417 -5.790 -4.283
T123=14.6 15.0 15.5
ALT/AZ=49.0 -58.5
sdW=62.4
fwW=0.00
sdS=15.7
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=10.6
fwN=0.00
sdE=5.3
fwE=0.00
20200316T182347.0001.fits
SecZ=1.33
Focus=-5.830
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.417 -5.790 -4.283
T123=14.5 15.0 15.4
ALT/AZ=48.8 -58.5
sdW=46.1
fwW=4.69
sdS=18.2
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=23.3
fwN=5.14
sdE=5.4
fwE=4.81
20200316T182413.0001.fits
SecZ=1.33
Focus=-5.830
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.417 -5.790 -4.283
T123=14.5 14.9 15.4
ALT/AZ=48.7 -58.5
fwAVG=4.79
sdW=81.7
fwW=4.20
sdS=11.4
fwS=5.01
0 0 0 0 0 0 0 0 0


sdN=55.3
fwN=5.19
sdE=12.3
fwE=0.00
20200316T182558.0001.fits
SecZ=1.34
Focus=-5.823
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.410 -5.783 -4.276
T123=14.5 14.9 15.4
ALT/AZ=48.4 -58.5
sdW=170.5
fwW=5.10
sdS=32.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=82.8
fwN=4.32
sdE=14.4
fwE=4.98
20200316T182625.0001.fits
SecZ=1.34
Focus=-5.823
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.410 -5.783 -4.276
T123=14.5 14.9 15.4
ALT/AZ=48.3 -58.5
fwAVG=4.79
sdW=169.2
fwW=4.88
sdS=48.2
fwS=4.96
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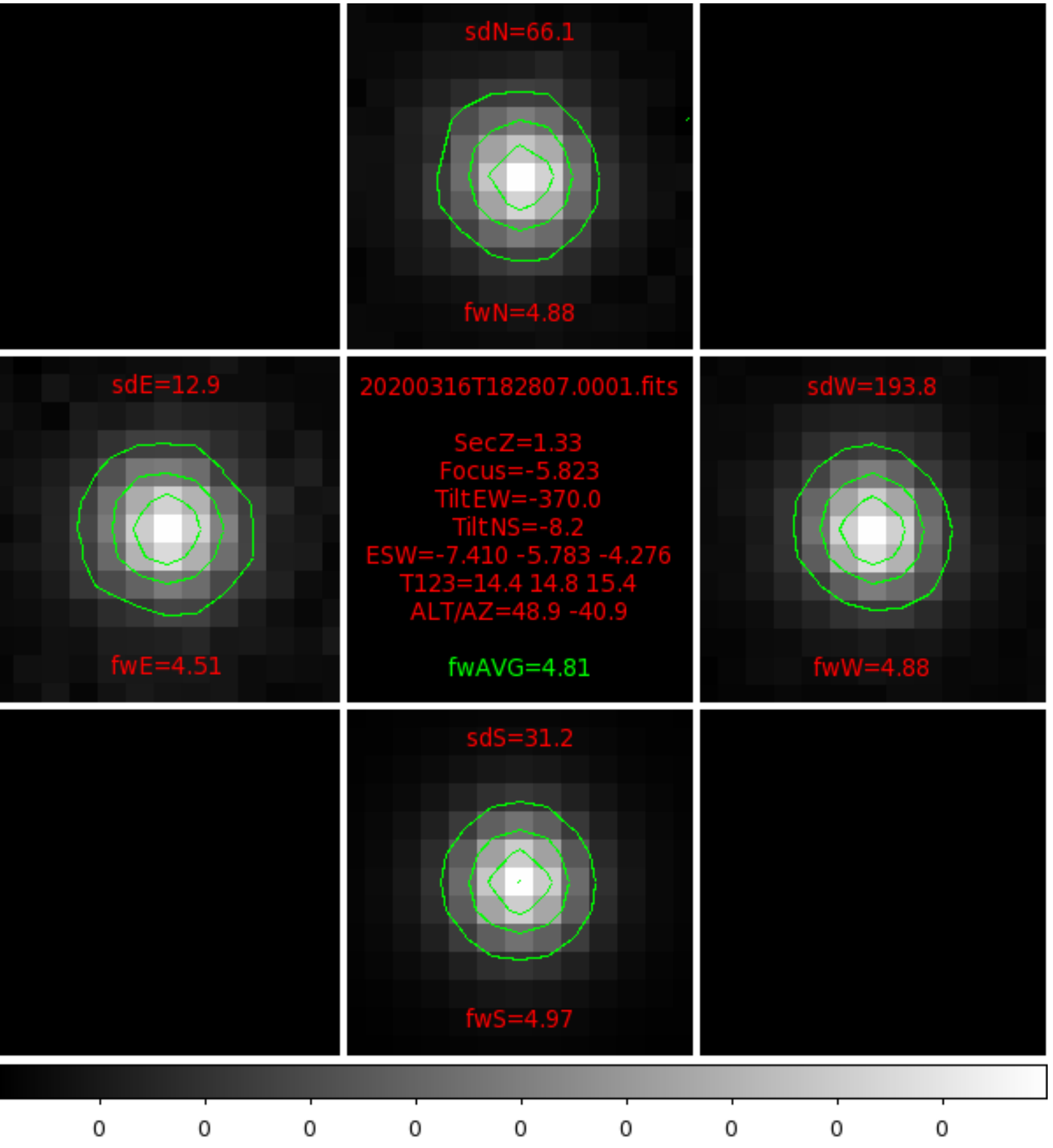
sdN=66.1
fwN=4.88
sdE=12.9
fwE=4.51
20200316T182807.0001.fits
SecZ=1.33
Focus=-5.823
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.410 -5.783 -4.276
T123=14.4 14.8 15.4
ALT/AZ=48.9 -40.9
fwAVG=4.81
sdW=193.8
fwW=4.88
sdS=31.2
fwS=4.97
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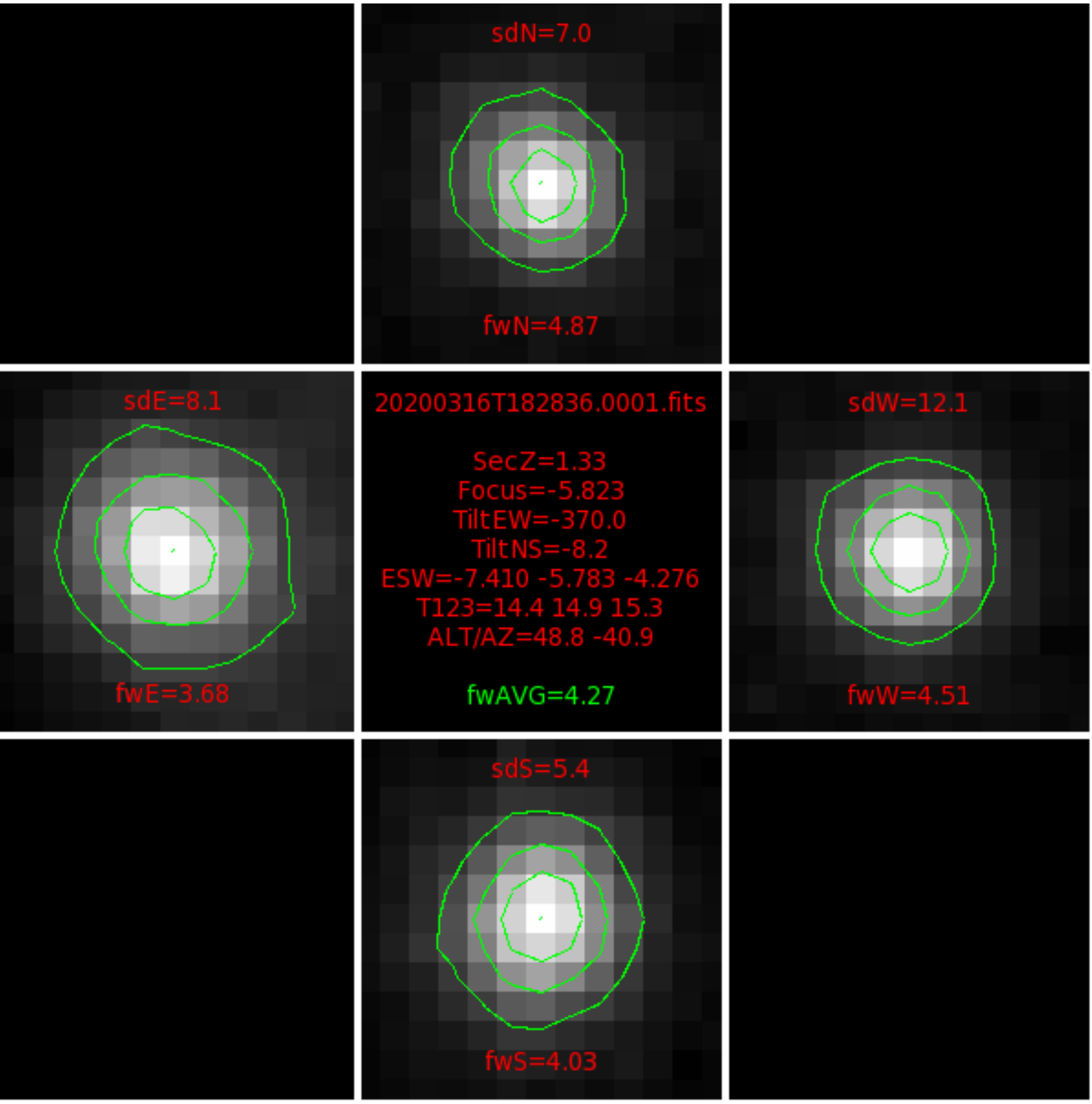
sdN=7.0
fwN=4.87
sdE=8.1
fwE=3.68
20200316T182836.0001.fits
SecZ=1.33
Focus=-5.823
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.410 -5.783 -4.276
T123=14.4 14.9 15.3
ALT/AZ=48.8 -40.9
fwAVG=4.27
sdW=12.1
fwW=4.51
sdS=5.4
fwS=4.03
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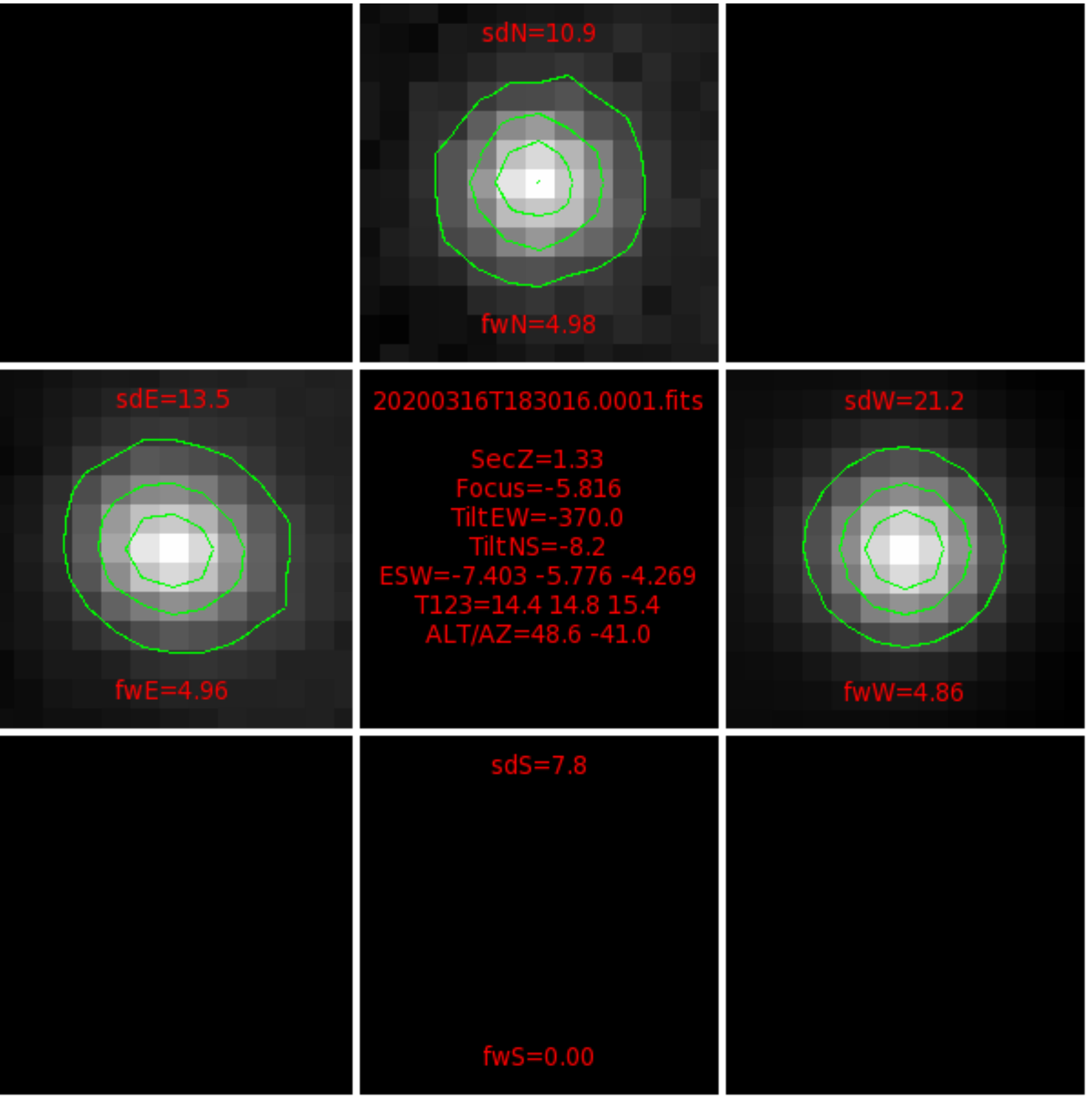
sdN=10.9
fwN=4.98
sdE=13.5
fwE=4.96
20200316T183016.0001.fits
SecZ=1.33
Focus=-5.816
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.403 -5.776 -4.269
T123=14.4 14.8 15.4
ALT/AZ=48.6 -41.0
sdW=21.2
fwW=4.86
sdS=7.8
fwS=0.00
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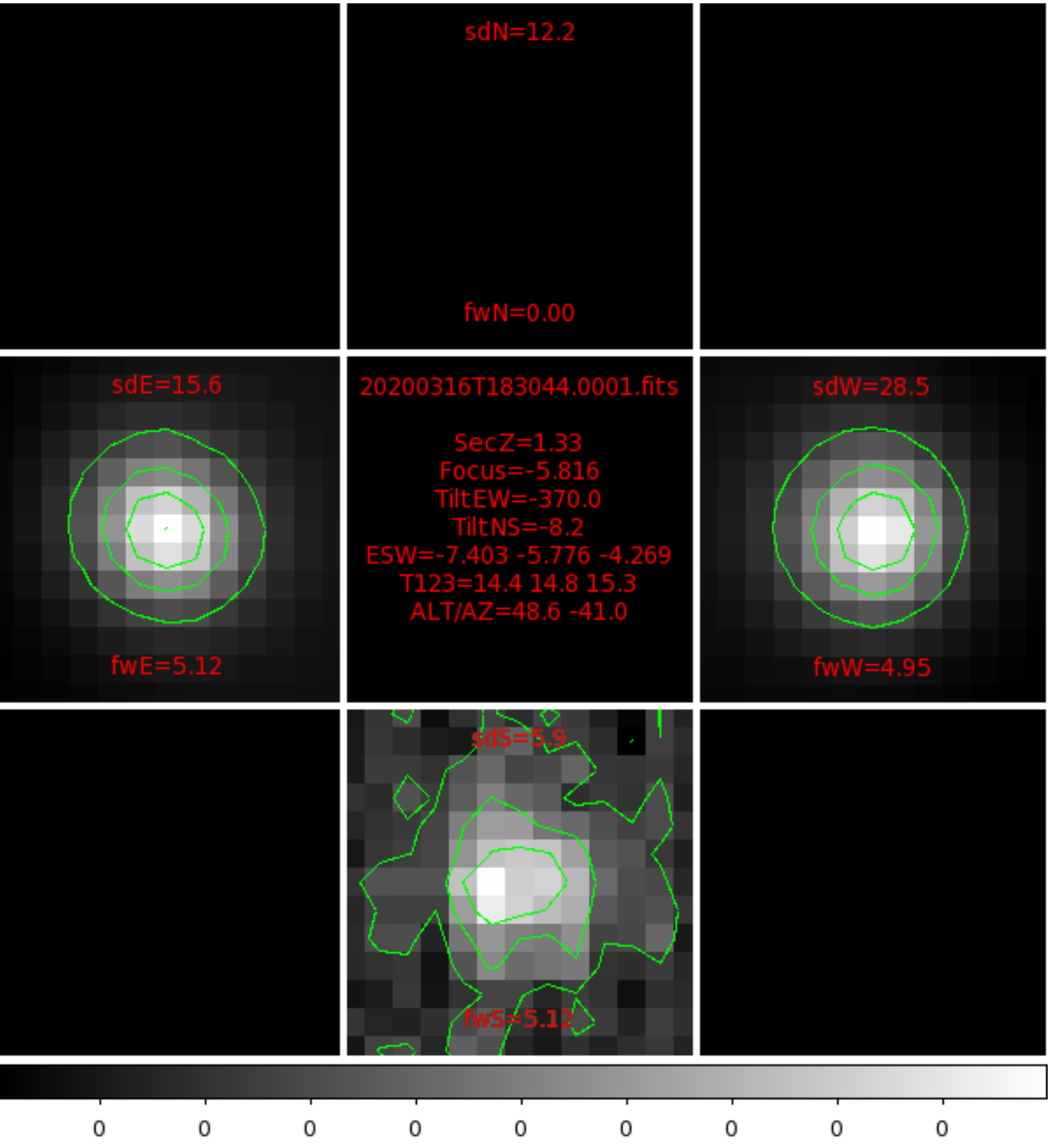
sdN=12.2
fwN=0.00
sdE=15.6
fwE=5.12
20200316T183044.0001.fits
SecZ=1.33
Focus=-5.816
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.403 -5.776 -4.269
T123=14.4 14.8 15.3
ALT/AZ=48.6 -41.0
sdW=28.5
fwW=4.95
sdS=5.9
fwS=5.12
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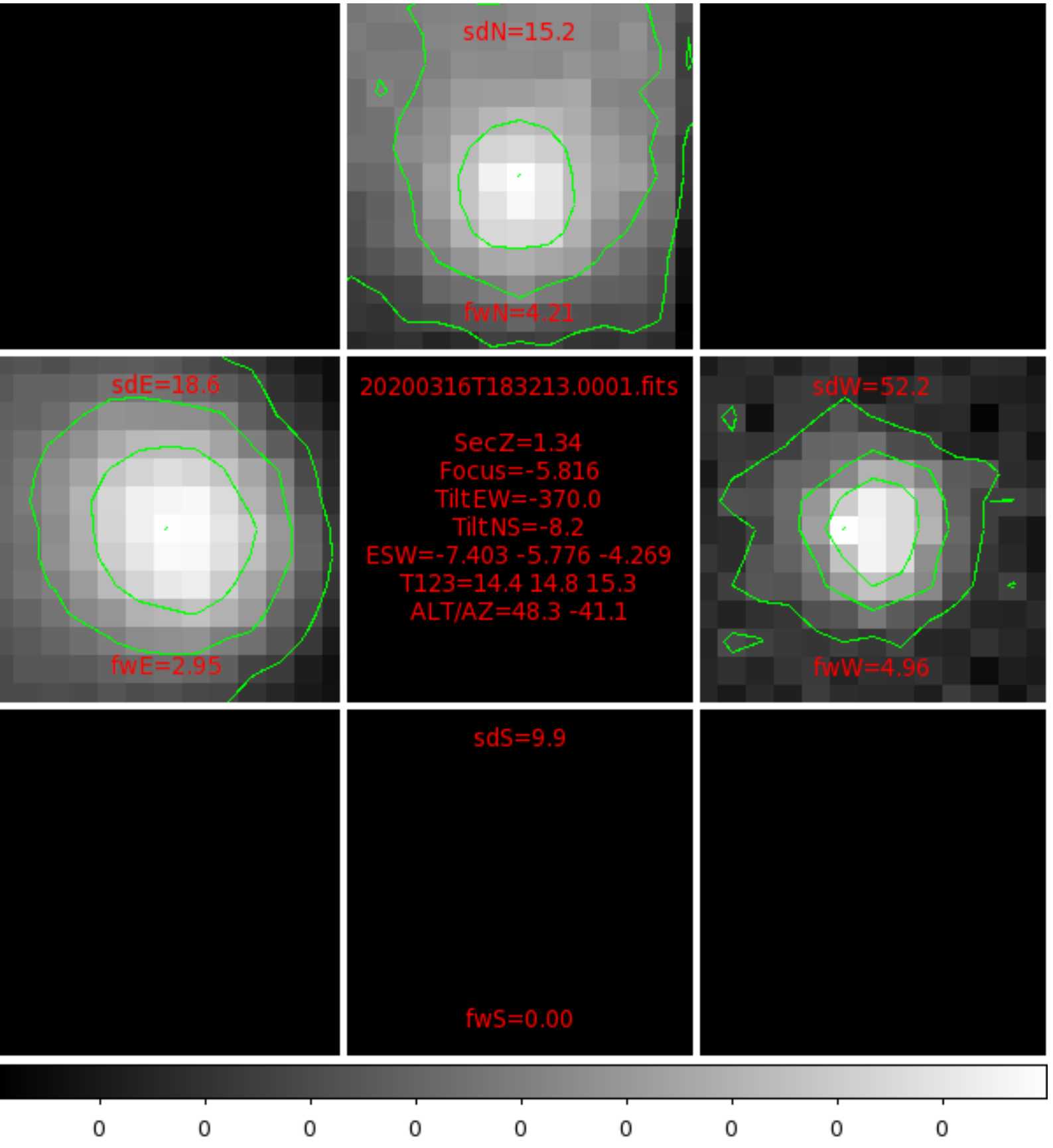
sdN=15.2
fwN=4.21
sdE=18.6
fwE=2.95
20200316T183213.0001.fits
SecZ=1.34
Focus=-5.816
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.403 -5.776 -4.269
T123=14.4 14.8 15.3
ALT/AZ=48.3 -41.1
sdW=52.2
fwW=4.96
sdS=9.9
fwS=0.00
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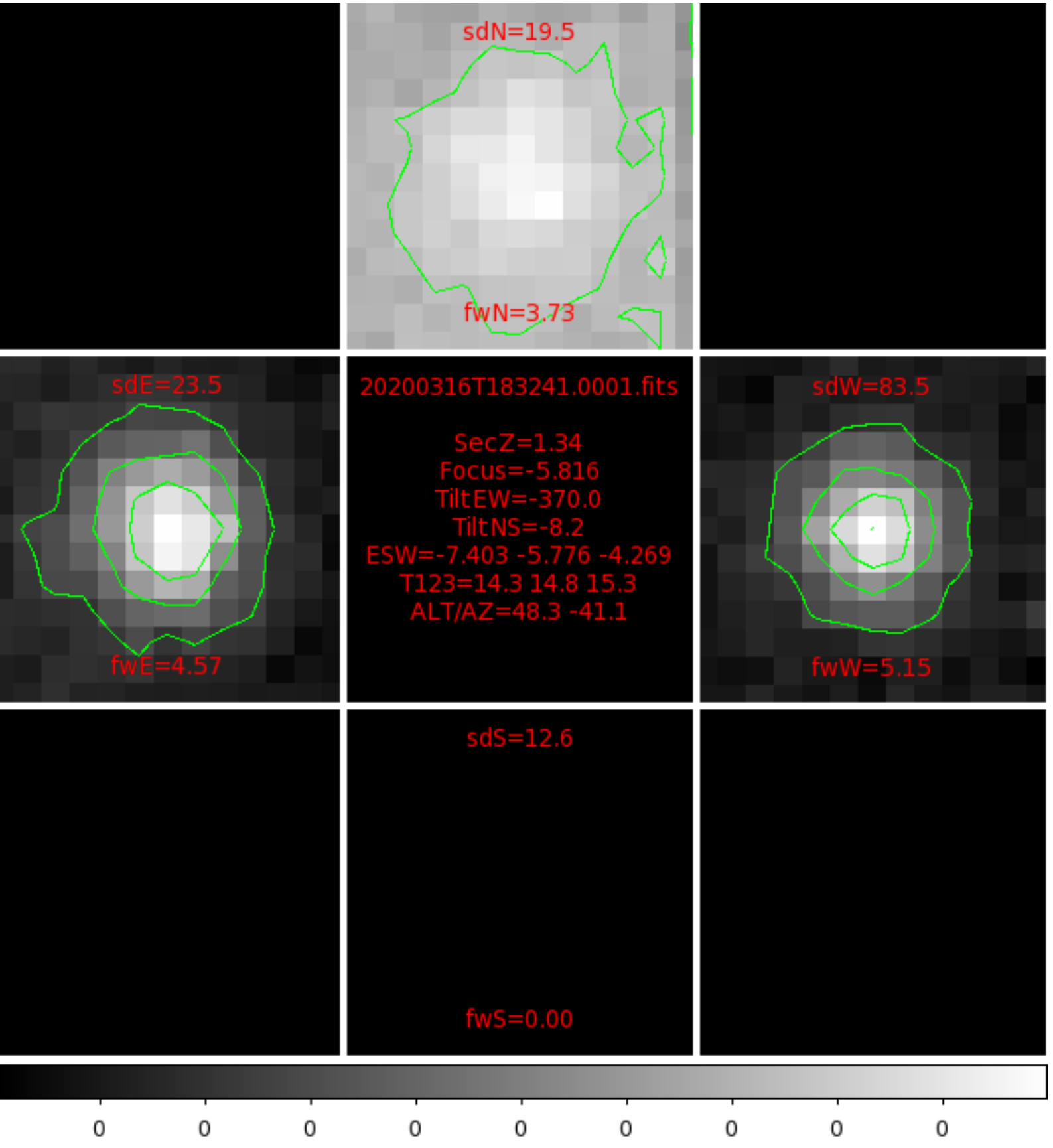
sdN=19.5
fwN=3.73
sdE=23.5
fwE=4.57
20200316T183241.0001.fits
SecZ=1.34
Focus=-5.816
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.403 -5.776 -4.269
T123=14.3 14.8 15.3
ALT/AZ=48.3 -41.1
sdW=83.5
fwW=5.15
sdS=12.6
fwS=0.00
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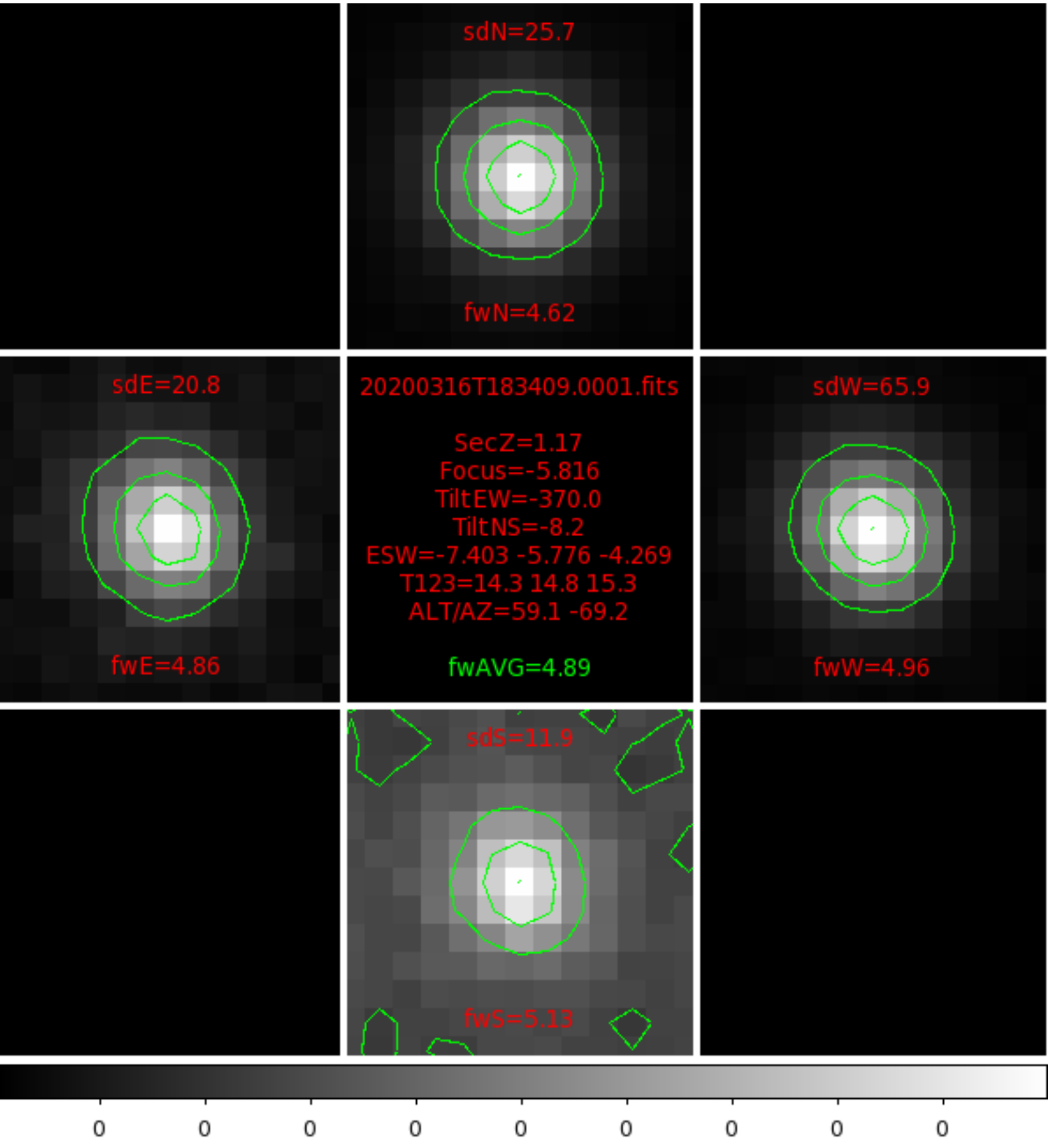
sdN=25.7
fwN=4.62
sdE=20.8
fwE=4.86
20200316T183409.0001.fits
SecZ=1.17
Focus=-5.816
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.403 -5.776 -4.269
T123=14.3 14.8 15.3
ALT/AZ=59.1 -69.2
fwAVG=4.89
sdW=65.9
fwW=4.96
sdS=11.9
fwS=5.13
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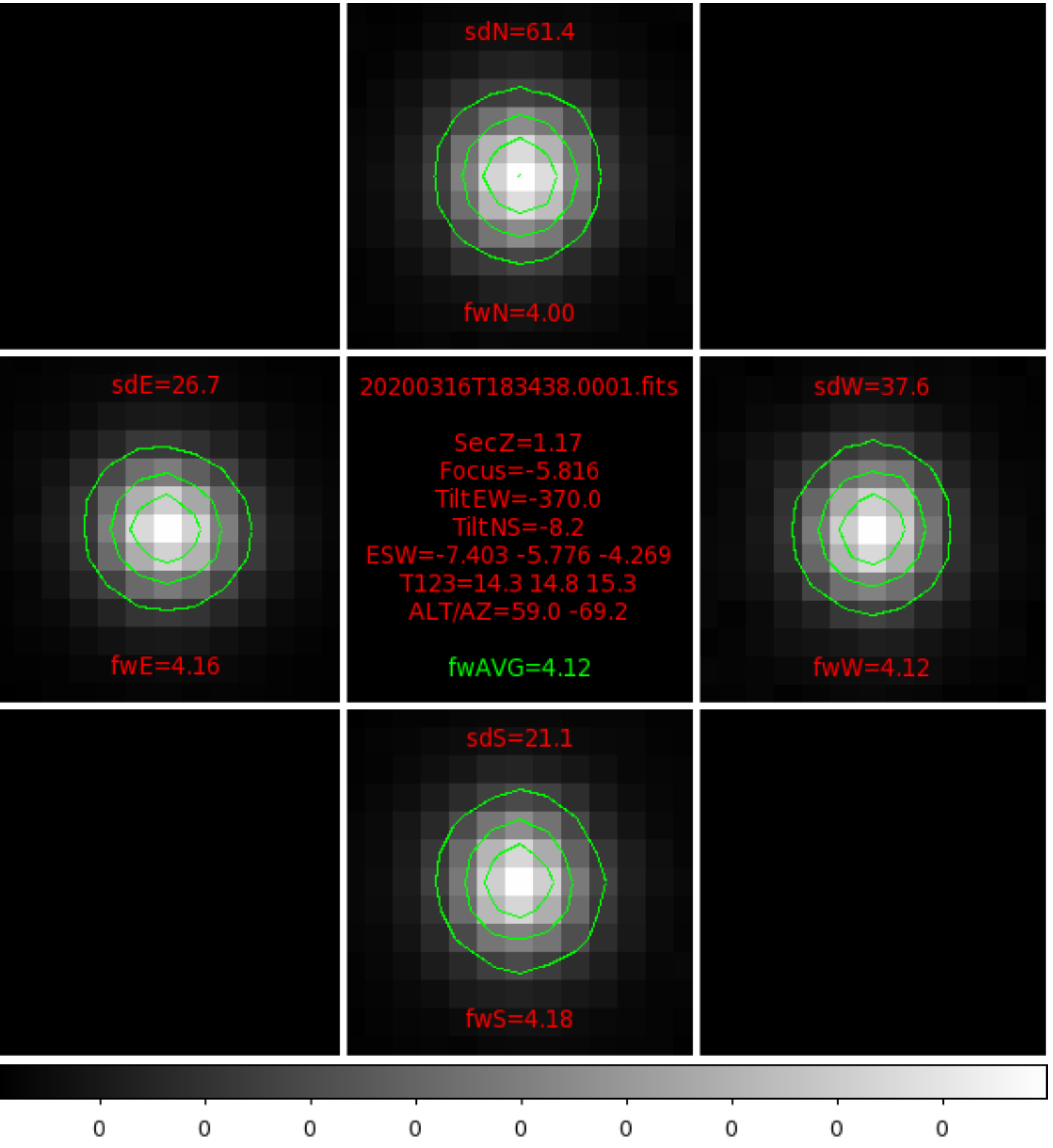
sdN=61.4
fwN=4.00
sdE=26.7
fwE=4.16
20200316T183438.0001.fits
SecZ=1.17
Focus=-5.816
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.403 -5.776 -4.269
T123=14.3 14.8 15.3
ALT/AZ=59.0 -69.2
fwAVG=4.12
sdW=37.6
fwW=4.12
sdS=21.1
fwS=4.18
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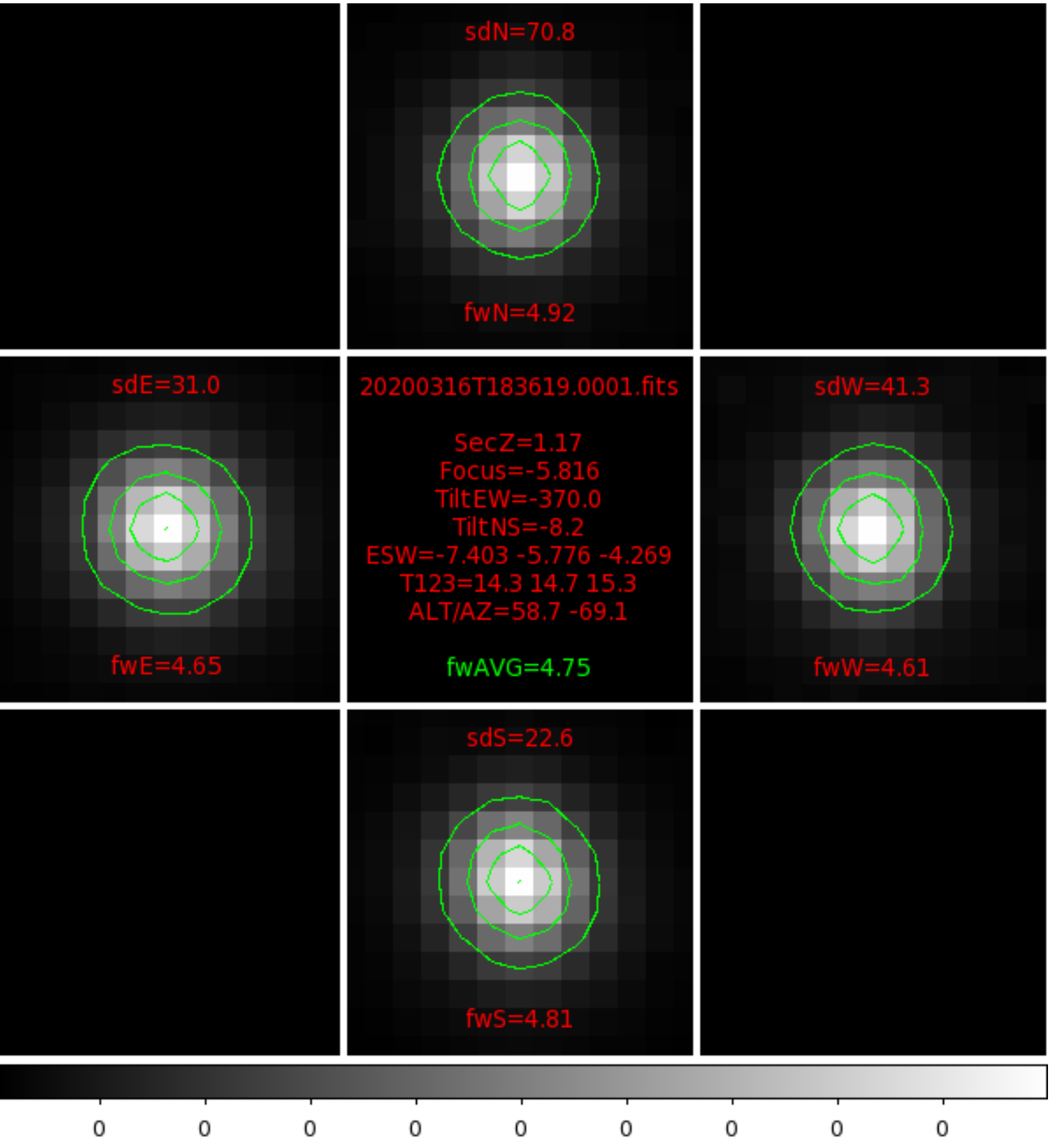
sdN=70.8
fwN=4.92
sdE=31.0
fwE=4.65
20200316T183619.0001.fits
SecZ=1.17
Focus=-5.816
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.403 -5.776 -4.269
T123=14.3 14.7 15.3
ALT/AZ=58.7 -69.1
fwAVG=4.75
sdW=41.3
fwW=4.61
sdS=22.6
fwS=4.81
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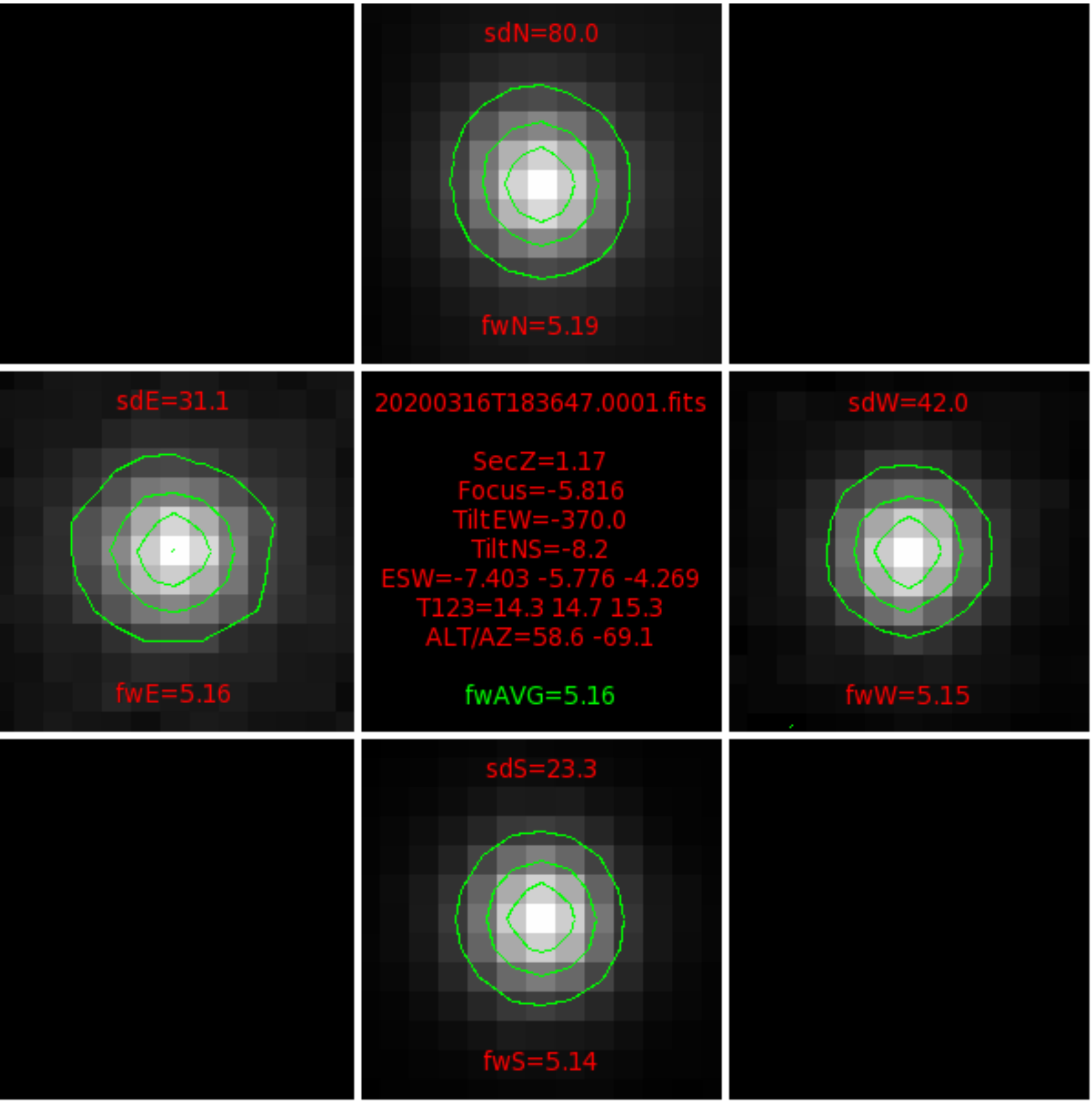
sdN=80.0
fwN=5.19
sdE=31.1
fwE=5.16
20200316T183647.0001.fits
SecZ=1.17
Focus=-5.816
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.403 -5.776 -4.269
T123=14.3 14.7 15.3
ALT/AZ=58.6 -69.1
fwAVG=5.16
sdW=42.0
fwW=5.15
sdS=23.3
fwS=5.14
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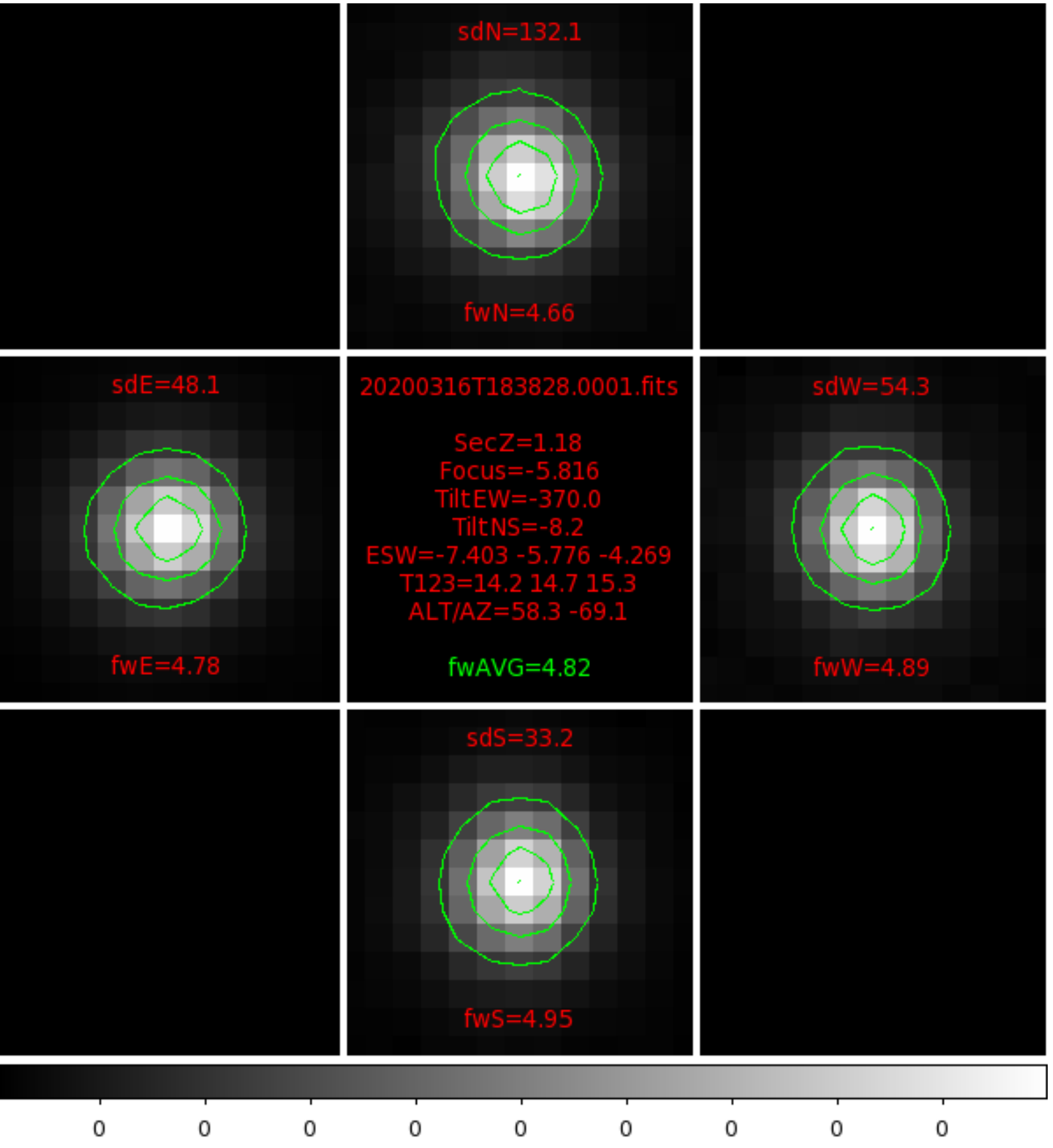
sdN=132.1
fwN=4.66
sdE=48.1
fwE=4.78
20200316T183828.0001.fits
SecZ=1.18
Focus=-5.816
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.403 -5.776 -4.269
T123=14.2 14.7 15.3
ALT/AZ=58.3 -69.1
fwAVG=4.82
sdW=54.3
fwW=4.89
sdS=33.2
fwS=4.95
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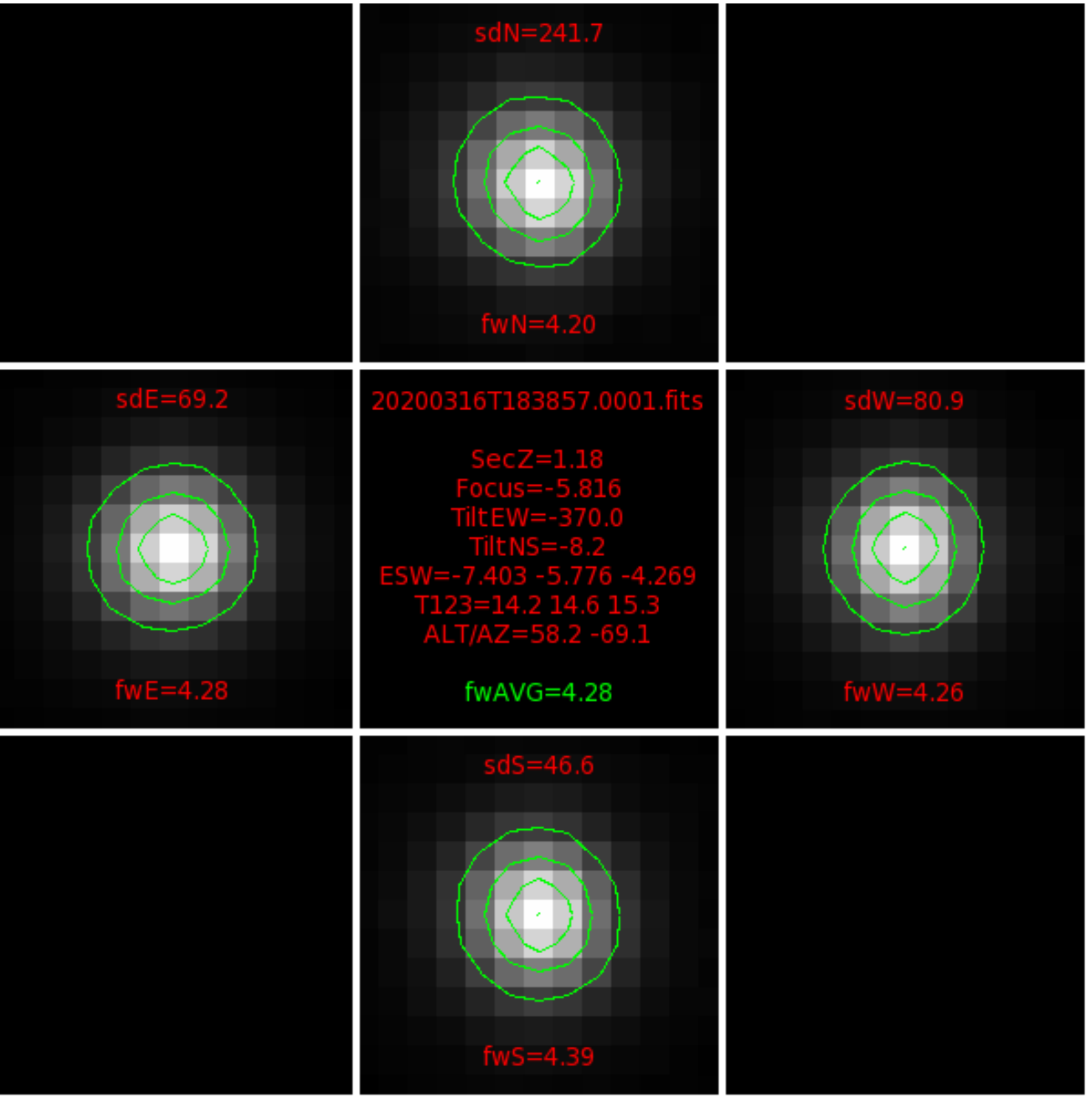
sdN=241.7
fwN=4.20
sdE=69.2
fwE=4.28
20200316T183857.0001.fits
SecZ=1.18
Focus=-5.816
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.403 -5.776 -4.269
T123=14.2 14.6 15.3
ALT/AZ=58.2 -69.1
fwAVG=4.28
sdW=80.9
fwW=4.26
sdS=46.6
fwS=4.39
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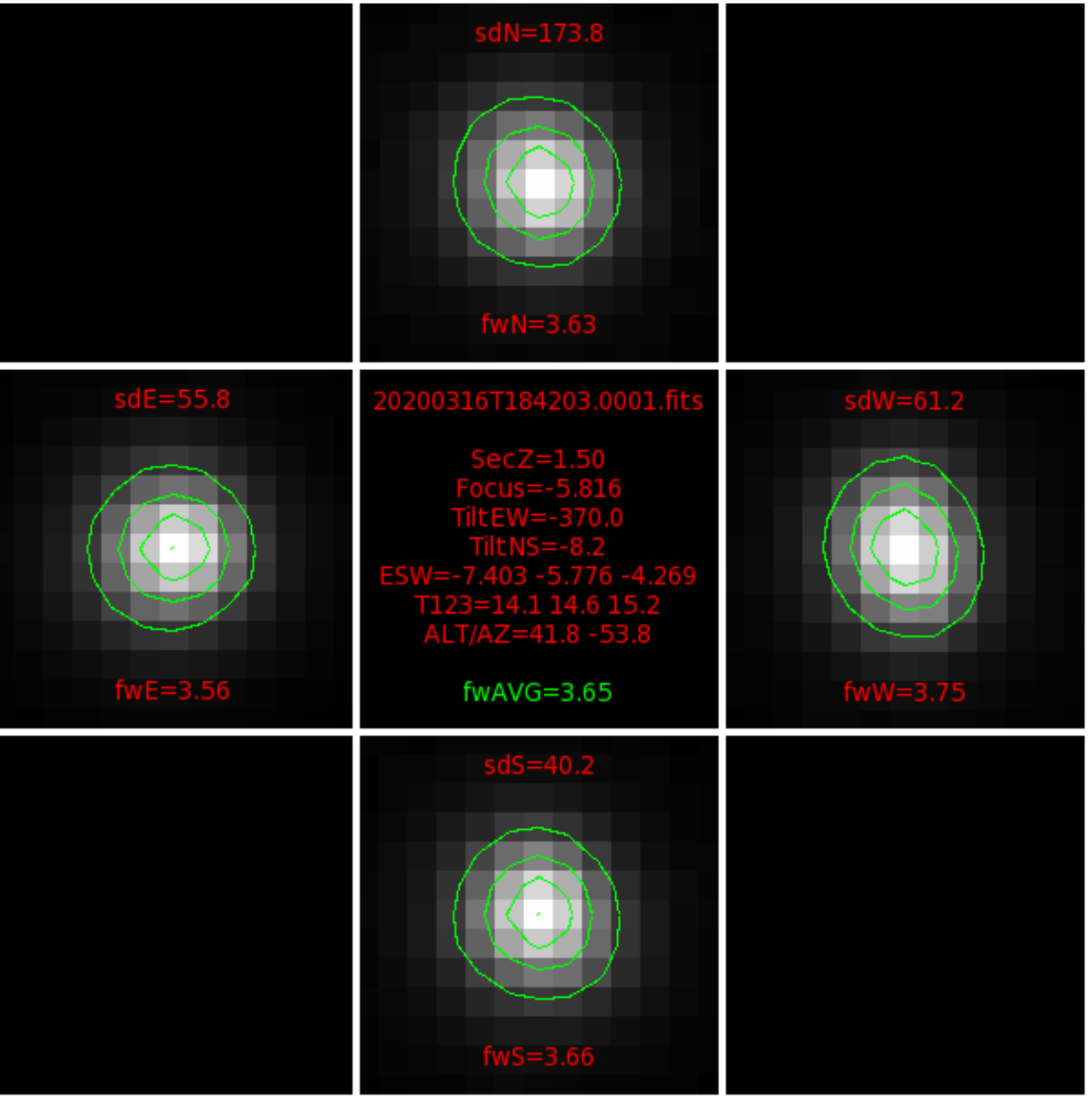
sdN=173.8
fwN=3.63
sdE=55.8
fwE=3.56
20200316T184203.0001.fits
SecZ=1.50
Focus=-5.816
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.403 -5.776 -4.269
T123=14.1 14.6 15.2
ALT/AZ=41.8 -53.8
fwAVG=3.65
sdW=61.2
fwW=3.75
sdS=40.2
fwS=3.66
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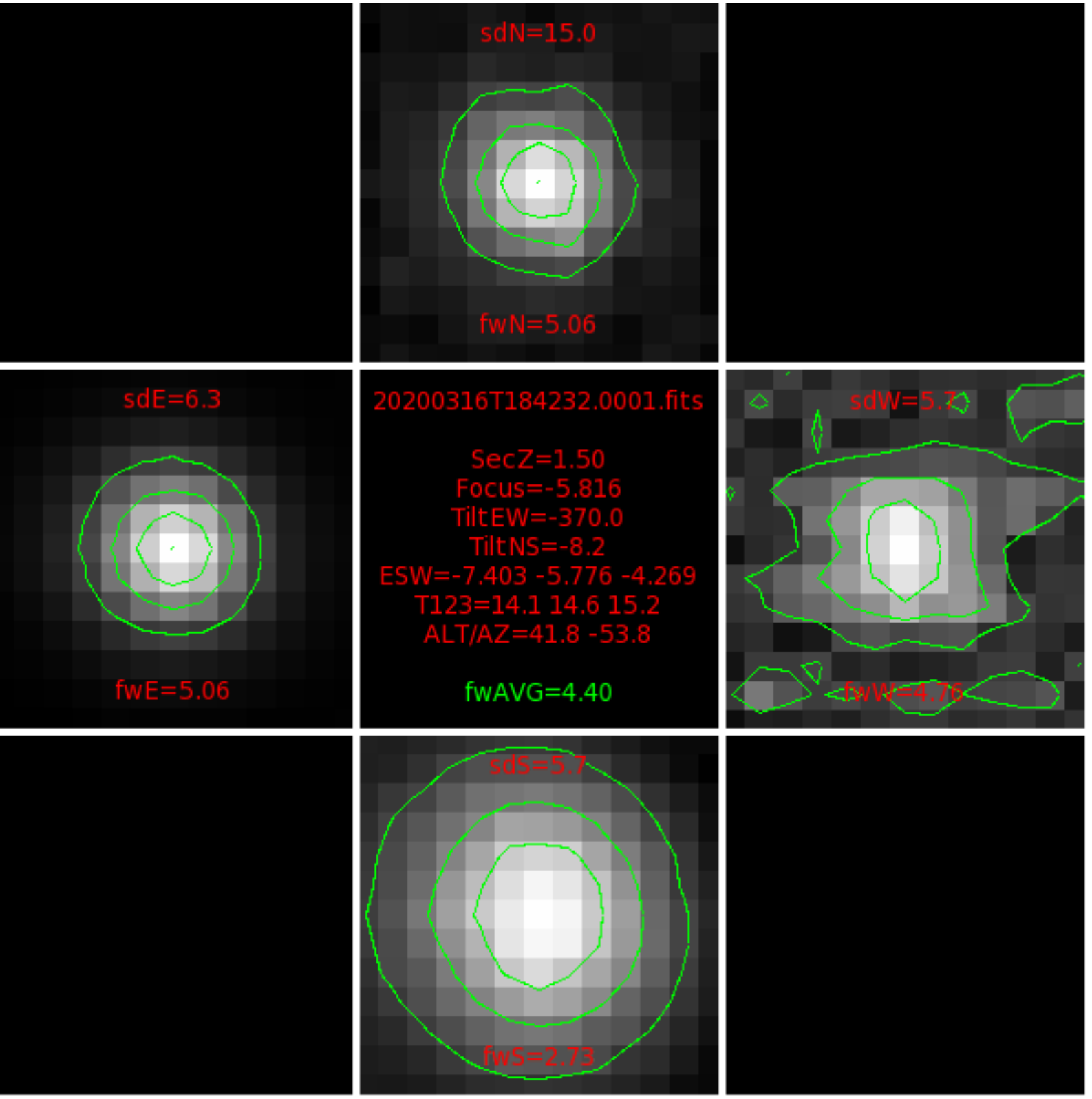
sdN=15.0
fwN=5.06
sdE=6.3
fwE=5.06
20200316T184232.0001.fits
SecZ=1.50
Focus=-5.816
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.403 -5.776 -4.269
T123=14.1 14.6 15.2
ALT/AZ=41.8 -53.8
fwAVG=4.40
sdW=5.7
fwW=4.76
sdS=5.7
fwS=2.73
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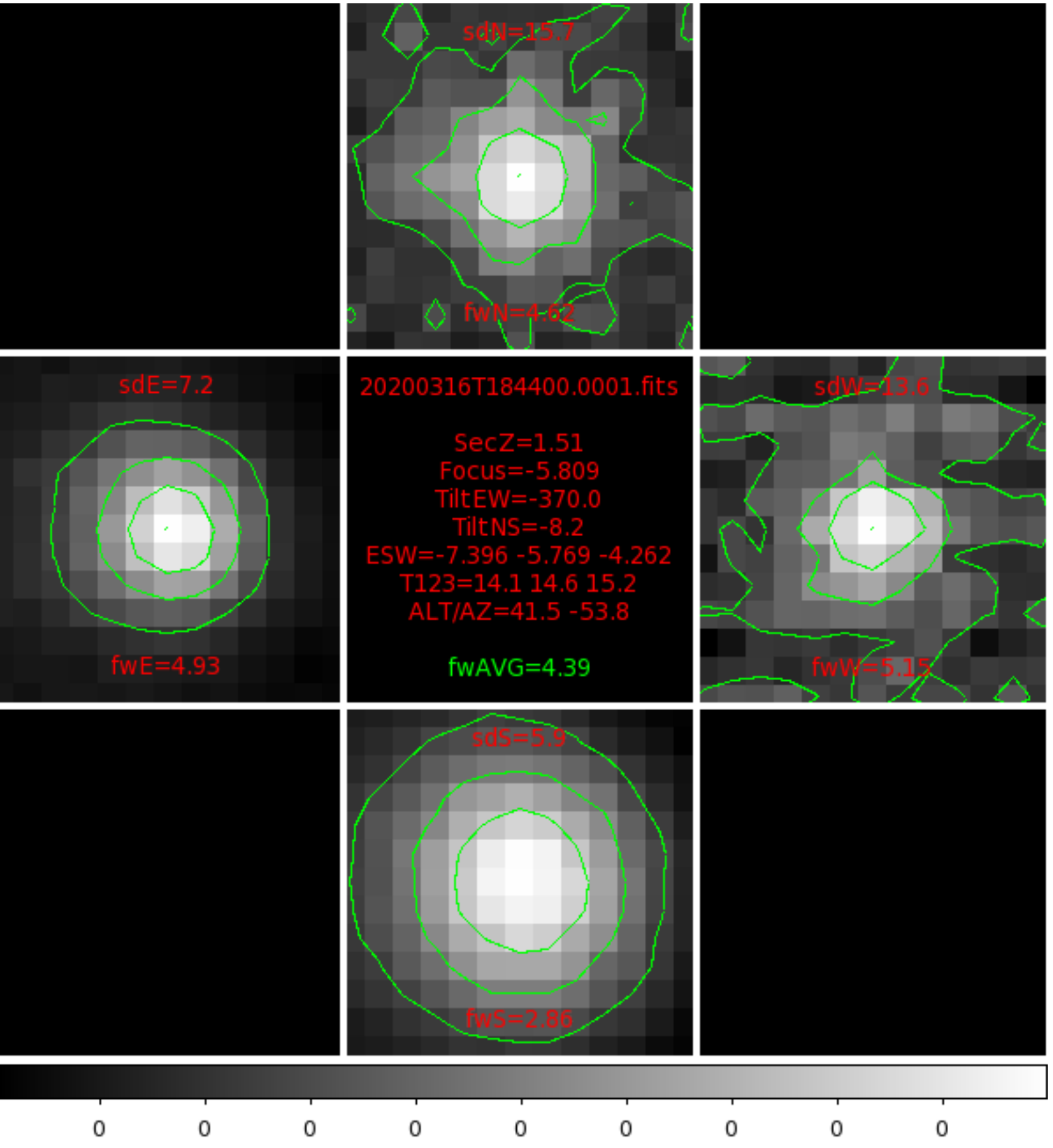
sdN=15.7
fwN=4.62
sdE=7.2
fwE=4.93
20200316T184400.0001.fits
SecZ=1.51
Focus=-5.809
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.396 -5.769 -4.262
T123=14.1 14.6 15.2
ALT/AZ=41.5 -53.8
fwAVG=4.39
sdW=13.6
fwW=5.15
sdS=5.9
fwS=2.86
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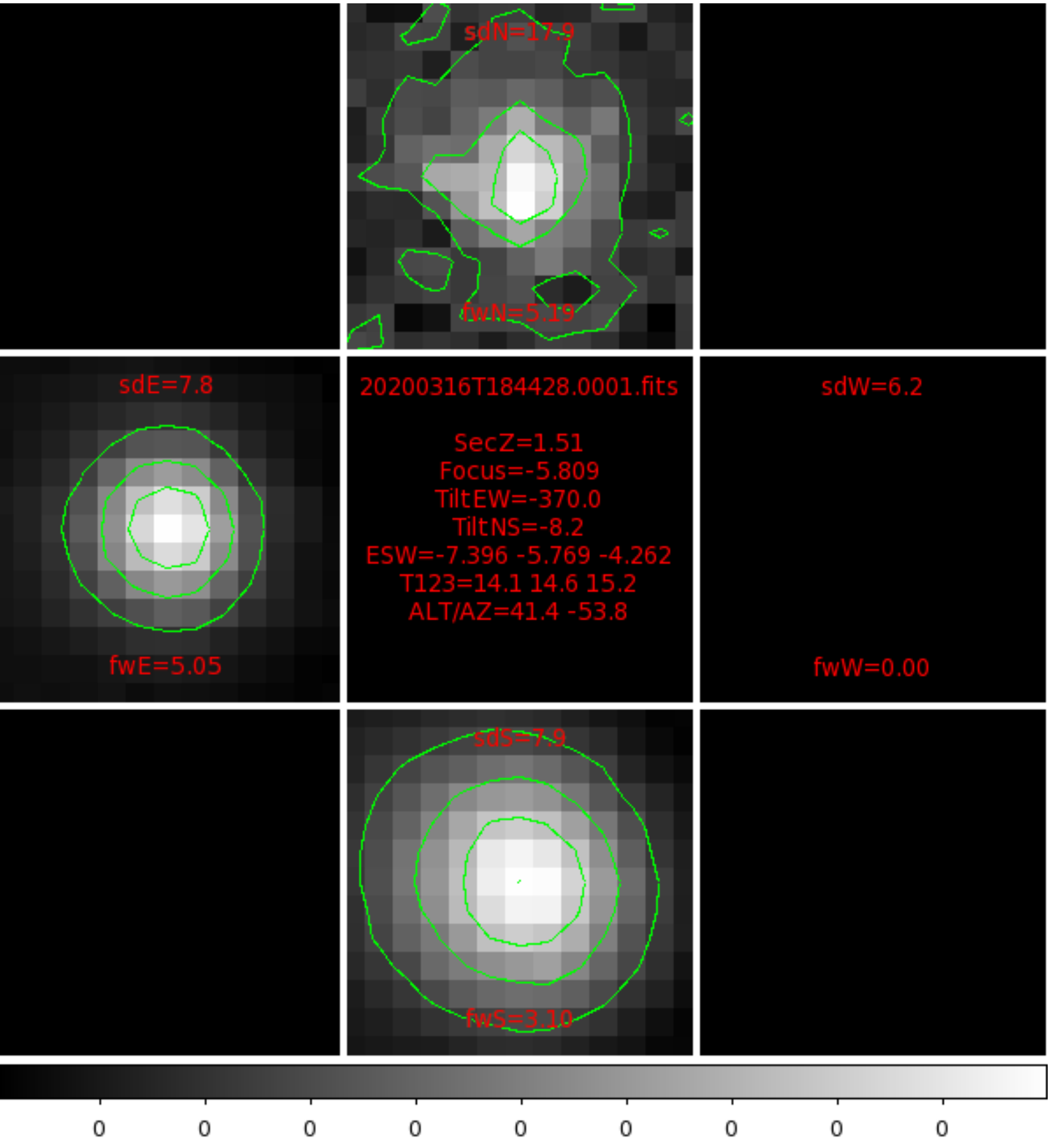
sdN=17.9
fwN=5.19
sdE=7.8
fwE=5.05
20200316T184428.0001.fits
SecZ=1.51
Focus=-5.809
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.396 -5.769 -4.262
T123=14.1 14.6 15.2
ALT/AZ=41.4 -53.8
sdW=6.2
fwW=0.00
sdS=7.9
fwS=3.10
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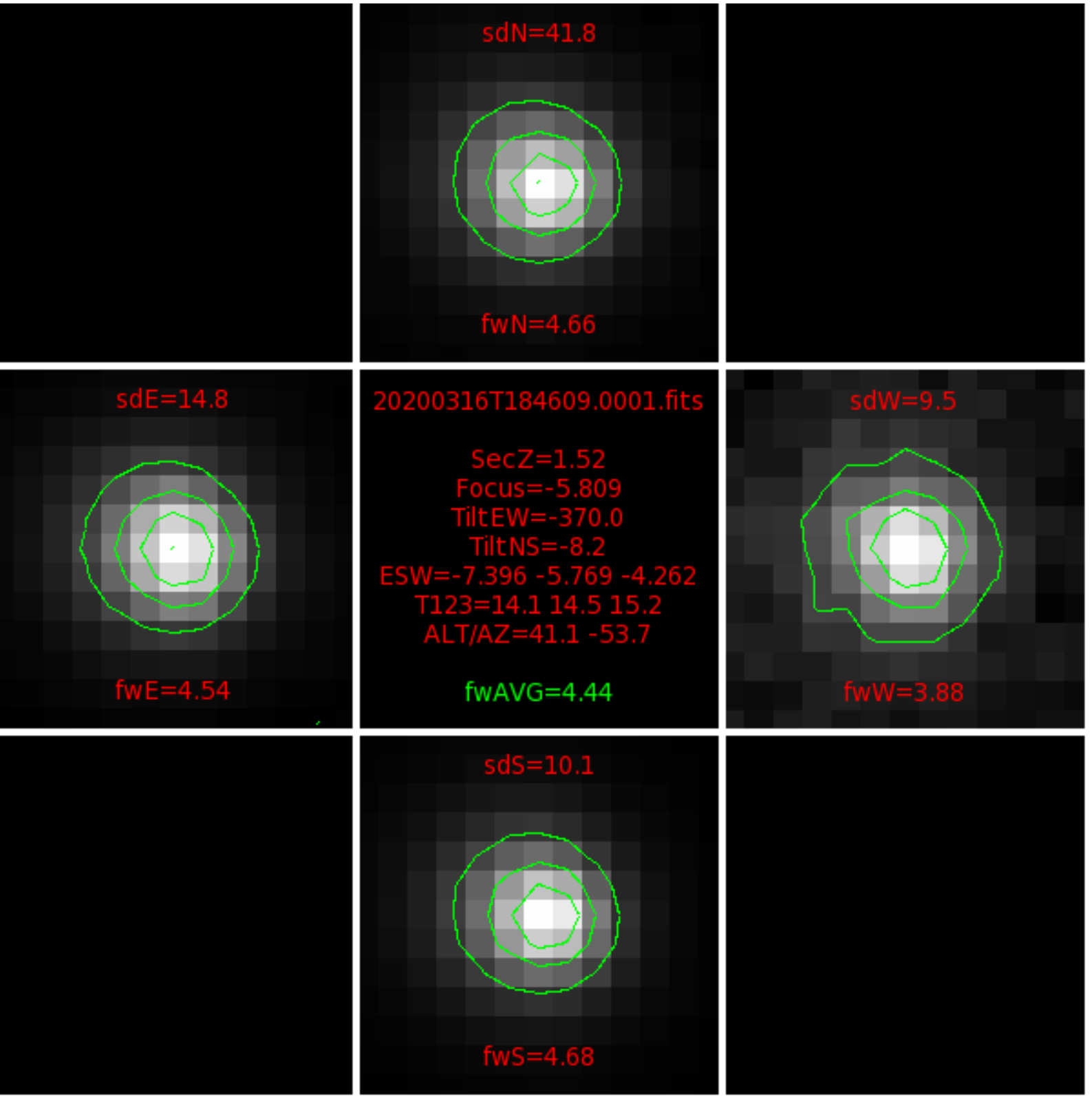
sdN=41.8
fwN=4.66
sdE=14.8
fwE=4.54
20200316T184609.0001.fits
SecZ=1.52
Focus=-5.809
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.396 -5.769 -4.262
T123=14.1 14.5 15.2
ALT/AZ=41.1 -53.7
fwAVG=4.44
sdW=9.5
fwW=3.88
sdS=10.1
fwS=4.68
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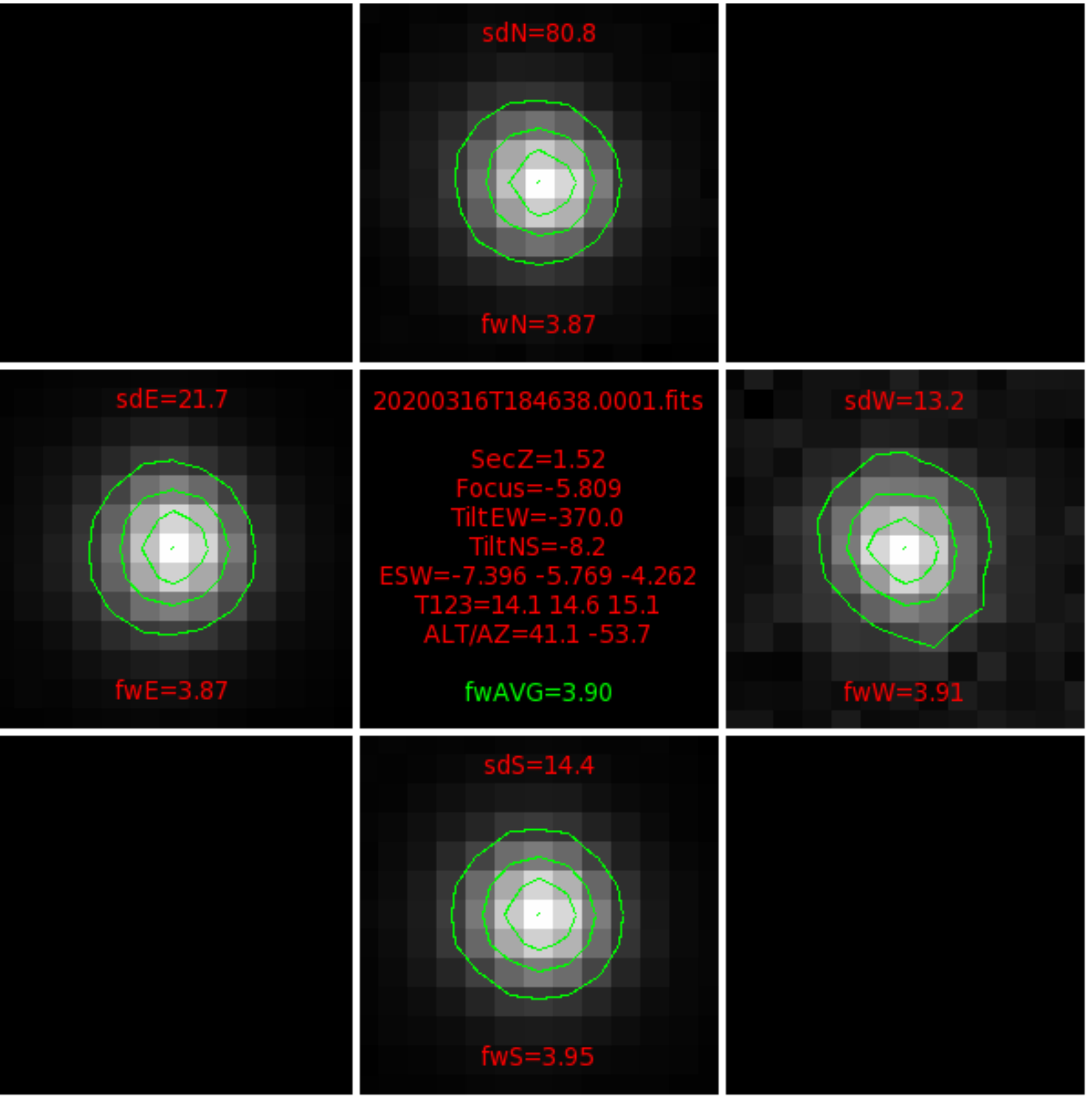
sdN=80.8
fwN=3.87
sdE=21.7
fwE=3.87
20200316T184638.0001.fits
SecZ=1.52
Focus=-5.809
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.396 -5.769 -4.262
T123=14.1 14.6 15.1
ALT/AZ=41.1 -53.7
fwAVG=3.90
sdW=13.2
fwW=3.91
sdS=14.4
fwS=3.95
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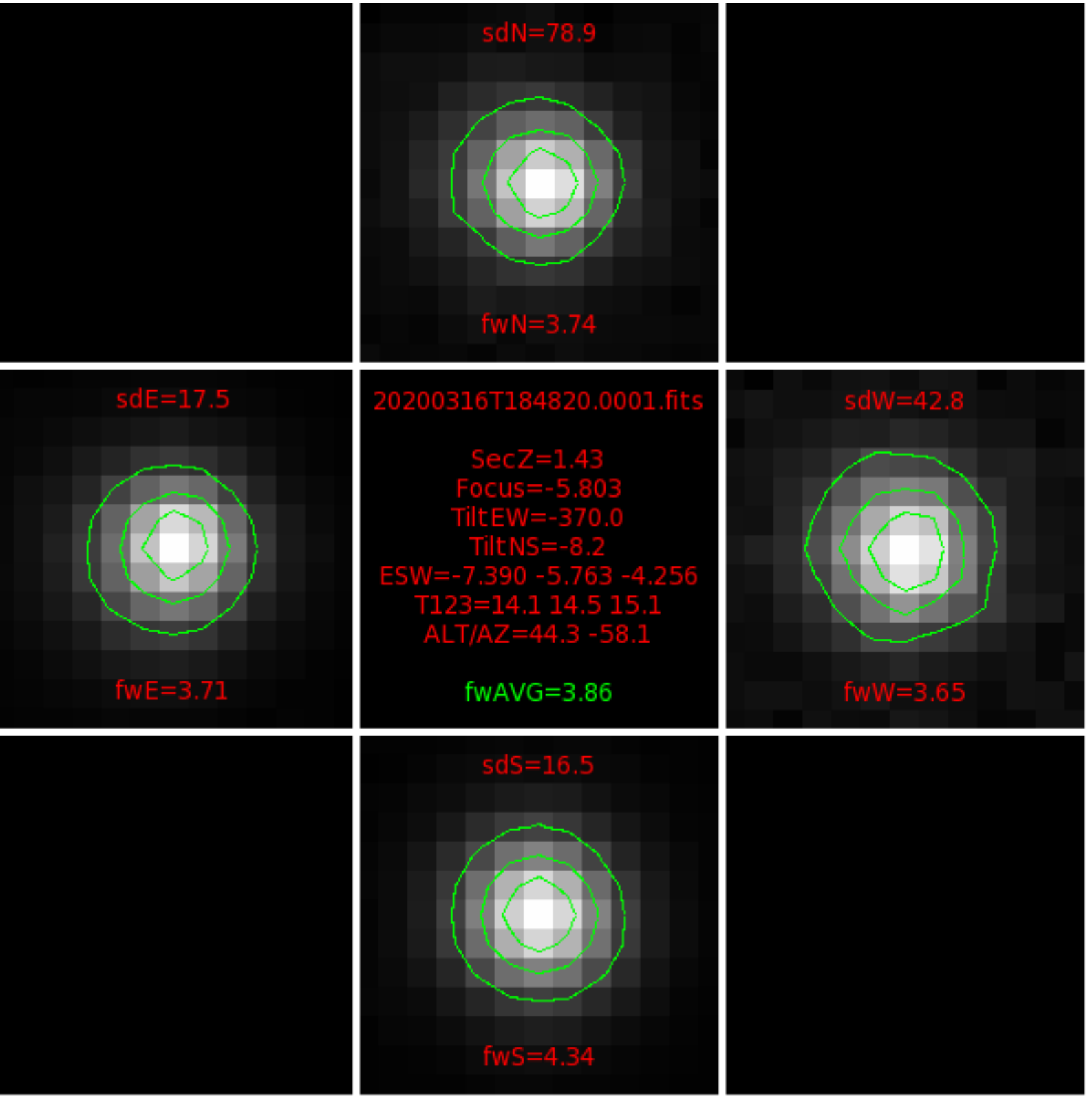
sdN=78.9
fwN=3.74
sdE=17.5
fwE=3.71
20200316T184820.0001.fits
SecZ=1.43
Focus=-5.803
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.390 -5.763 -4.256
T123=14.1 14.5 15.1
ALT/AZ=44.3 -58.1
fwAVG=3.86
sdW=42.8
fwW=3.65
sdS=16.5
fwS=4.34
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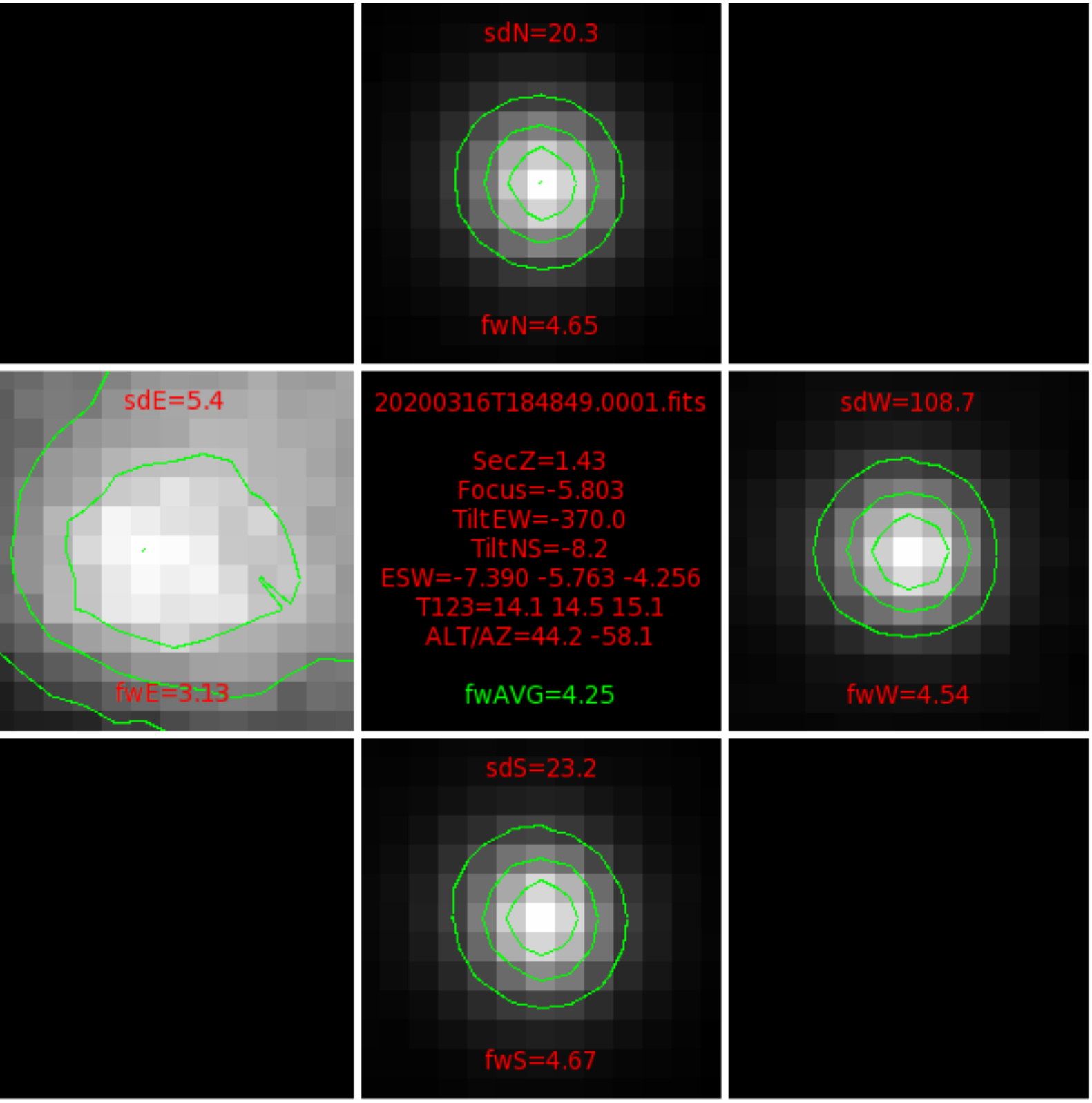
sdN=20.3
fwN=4.65
sdE=5.4
fwE=3.13
20200316T184849.0001.fits
SecZ=1.43
Focus=-5.803
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.390 -5.763 -4.256
T123=14.1 14.5 15.1
ALT/AZ=44.2 -58.1
fwAVG=4.25
sdW=108.7
fwW=4.54
sdS=23.2
fwS=4.67
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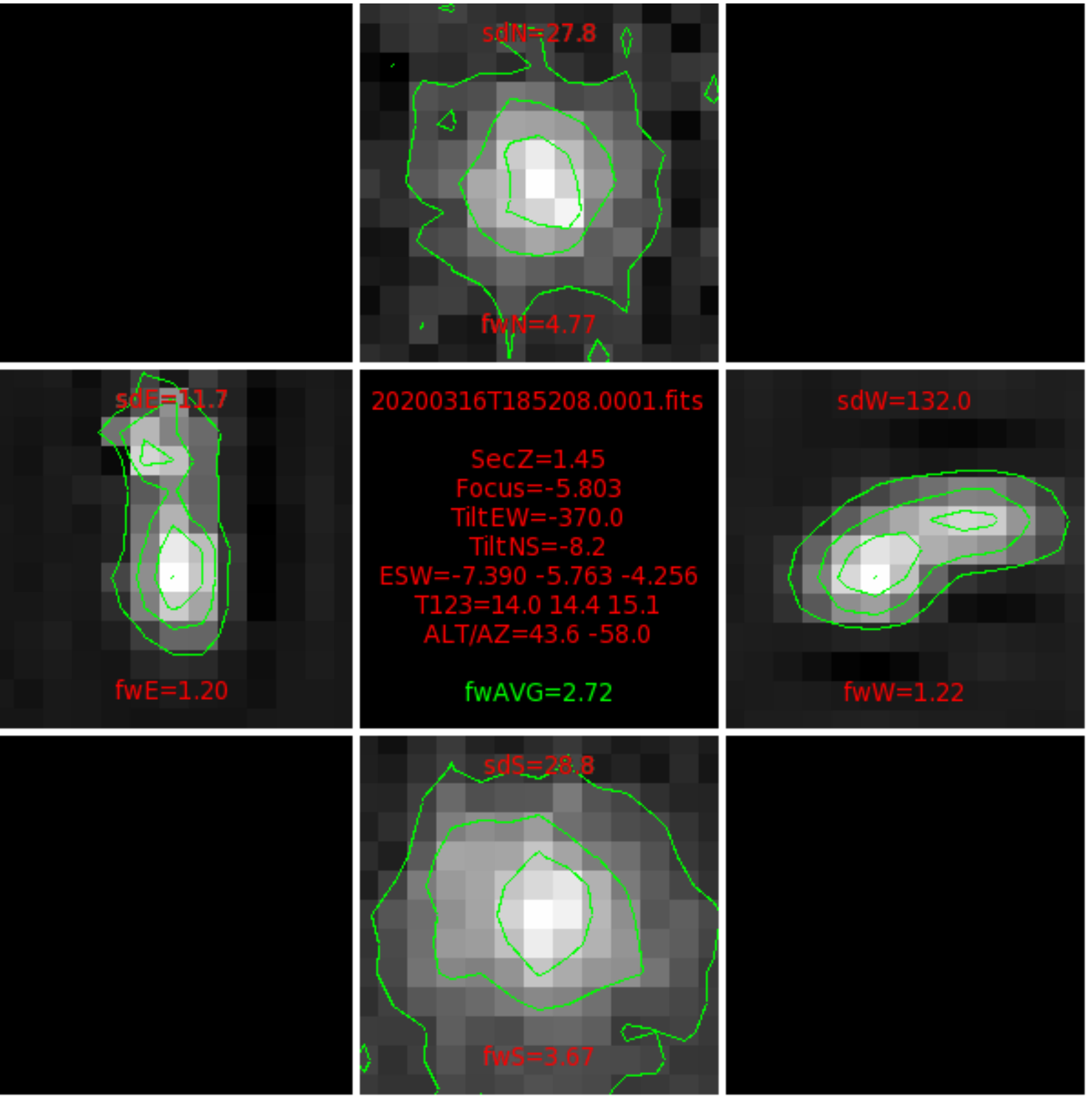
sdN=27.8
fwN=4.77
sdE=11.7
fwE=1.20
20200316T185208.0001.fits
SecZ=1.45
Focus=-5.803
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.390 -5.763 -4.256
T123=14.0 14.4 15.1
ALT/AZ=43.6 -58.0
fwAVG=2.72
sdW=132.0
fwW=1.22
sdS=28.8
fwS=3.67
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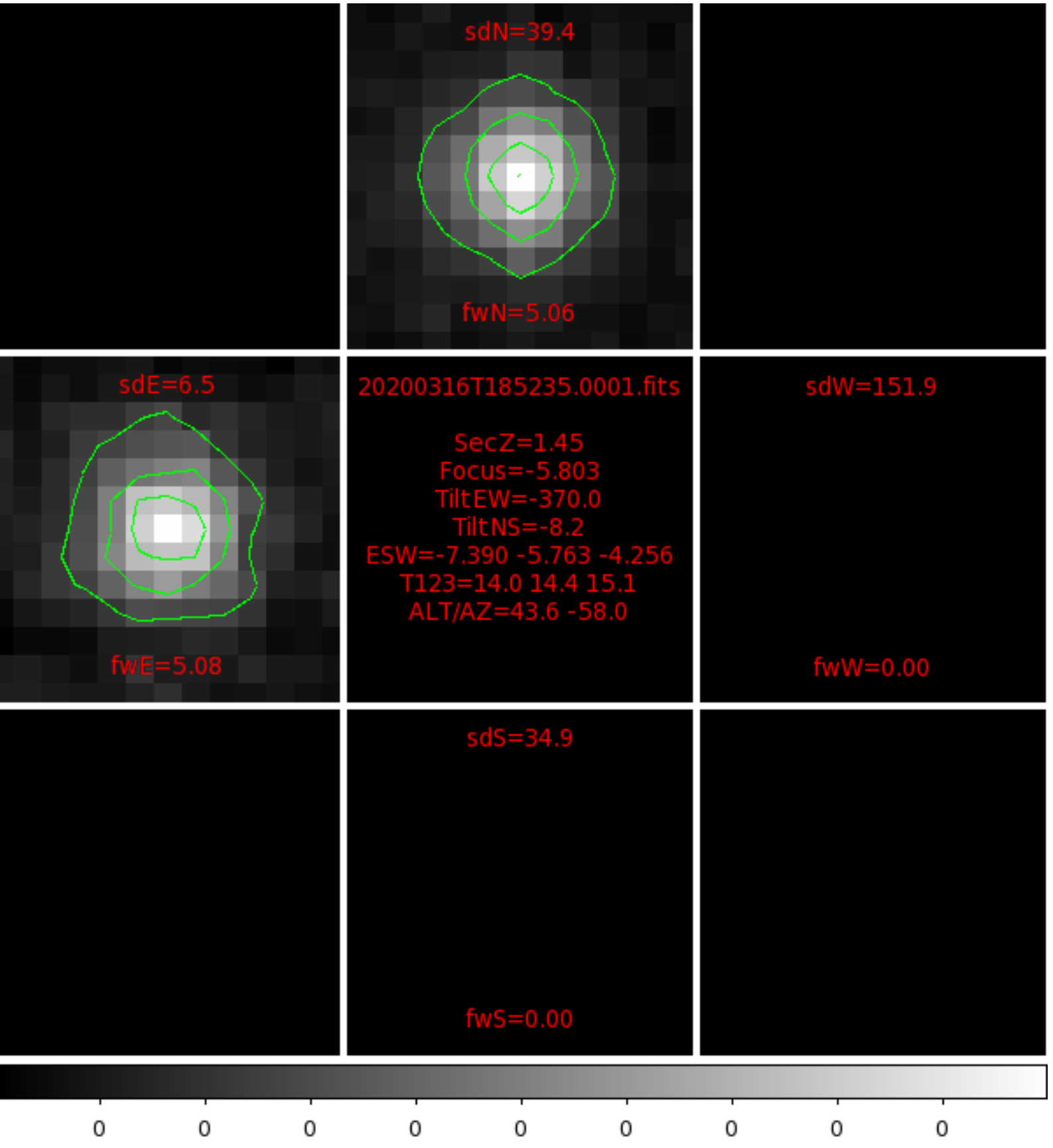
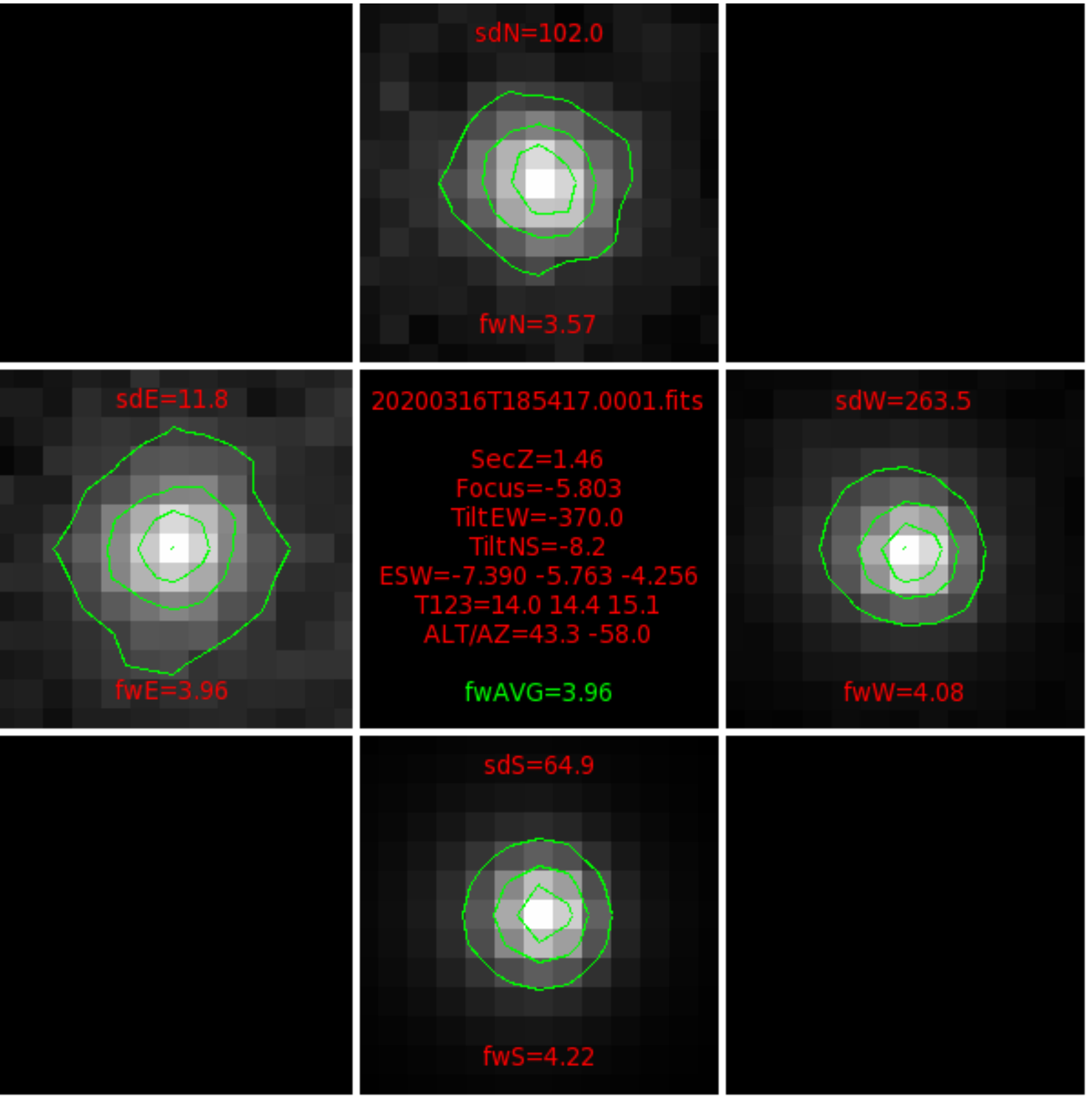

sdN=39.4
fwN=5.06
sdE=6.5
fwE=5.08
20200316T185235.0001.fits
SecZ=1.45
Focus=-5.803
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.390 -5.763 -4.256
T123=14.0 14.4 15.1
ALT/AZ=43.6 -58.0
sdW=151.9
fwW=0.00
sdS=34.9
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=102.0
fwN=3.57
sdE=11.8
fwE=3.96
20200316T185417.0001.fits
SecZ=1.46
Focus=-5.803
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.390 -5.763 -4.256
T123=14.0 14.4 15.1
ALT/AZ=43.3 -58.0
fwAVG=3.96
sdW=263.5
fwW=4.08
sdS=64.9
fwS=4.22
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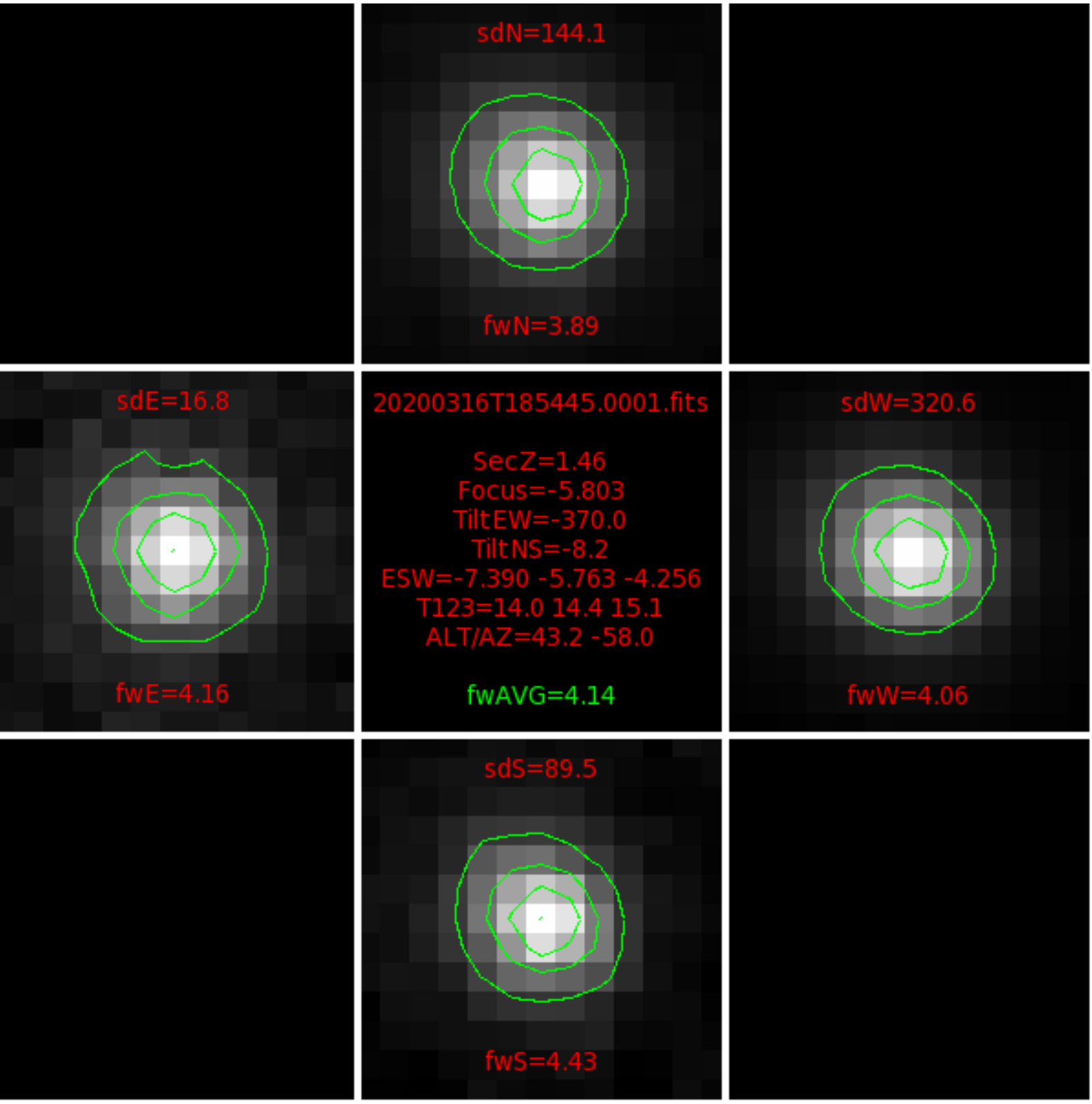
sdN=144.1
fwN=3.89
sdE=16.8
fwE=4.16
20200316T185445.0001.fits
SecZ=1.46
Focus=-5.803
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.390 -5.763 -4.256
T123=14.0 14.4 15.1
ALT/AZ=43.2 -58.0
fwAVG=4.14
sdW=320.6
fwW=4.06
sdS=89.5
fwS=4.43
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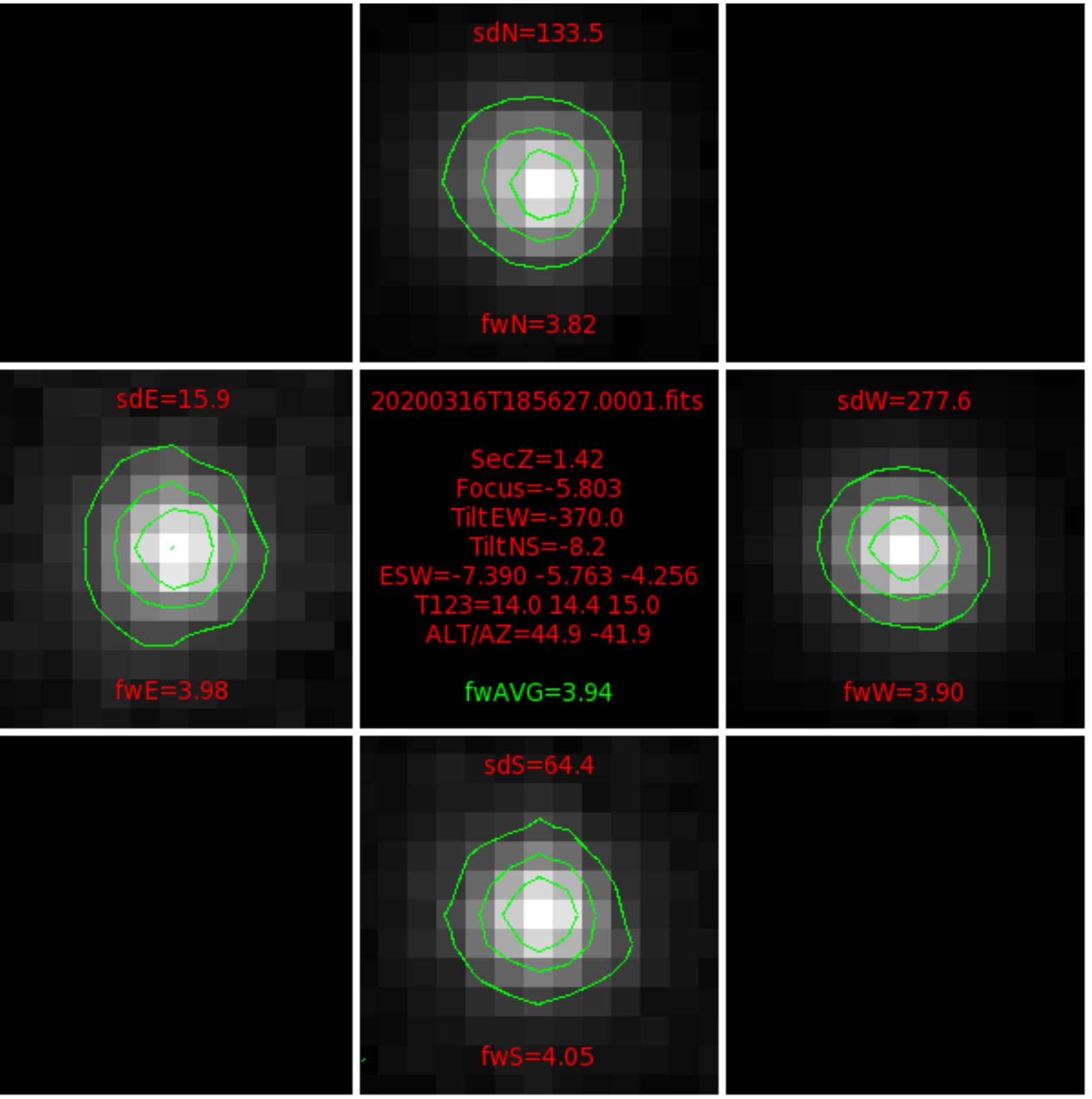
sdN=133.5
fwN=3.82
sdE=15.9
fwE=3.98
20200316T185627.0001.fits
SecZ=1.42
Focus=-5.803
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.390 -5.763 -4.256
T123=14.0 14.4 15.0
ALT/AZ=44.9 -41.9
fwAVG=3.94
sdW=277.6
fwW=3.90
sdS=64.4
fwS=4.05
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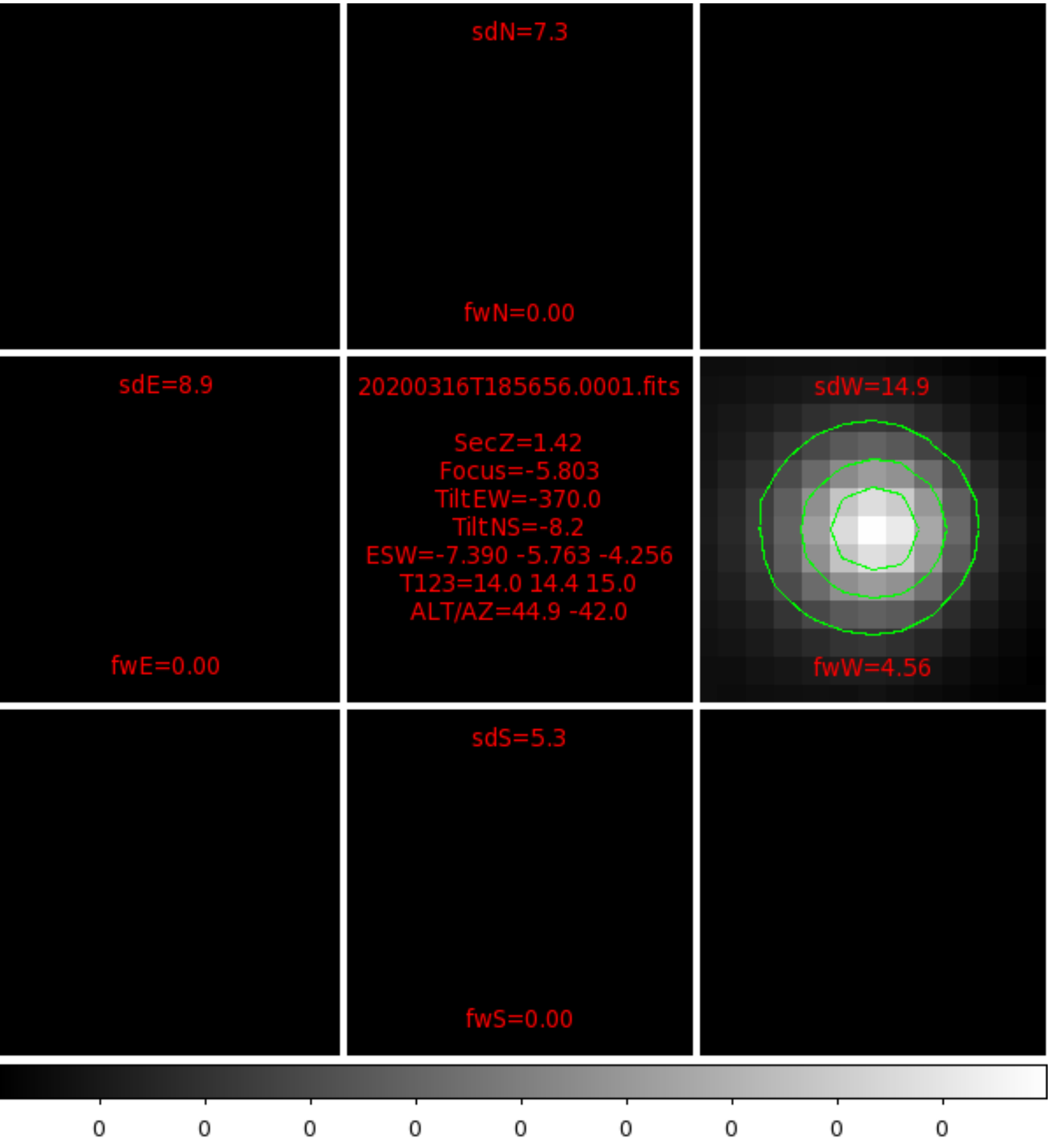
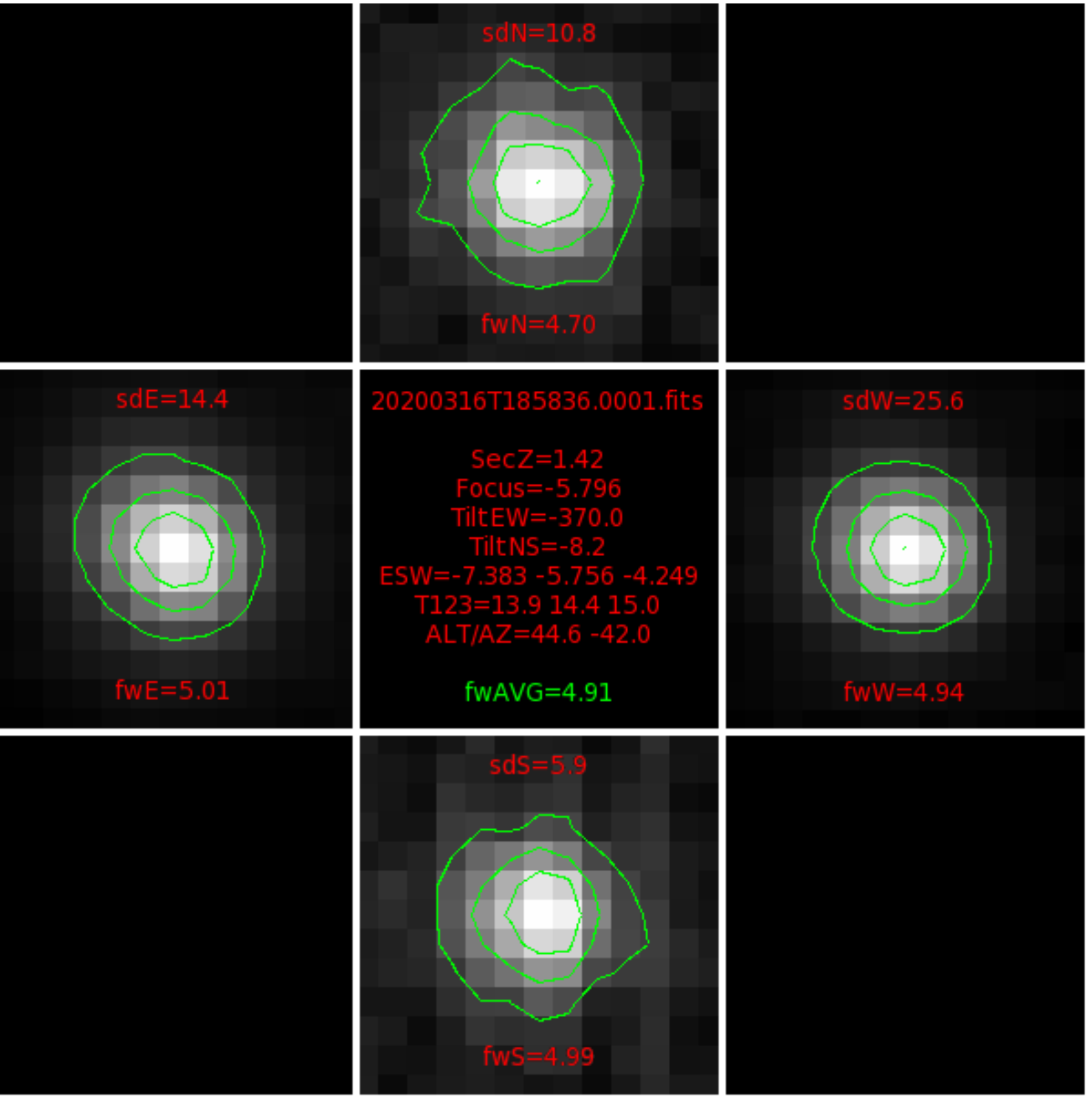

sdN=7.3
fwN=0.00
sdE=8.9
20200316T185656.0001.fits
SecZ=1.42
Focus=-5.803
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.390 -5.763 -4.256
T123=14.0 14.4 15.0
ALT/AZ=44.9 -42.0
sdW=14.9
fwE=0.00
fwW=4.56
sdS=5.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=10.8
fwN=4.70
sdE=14.4
fwE=5.01
20200316T185836.0001.fits
SecZ=1.42
Focus=-5.796
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.383 -5.756 -4.249
T123=13.9 14.4 15.0
ALT/AZ=44.6 -42.0
fwAVG=4.91
sdW=25.6
fwW=4.94
sdS=5.9
fwS=4.99
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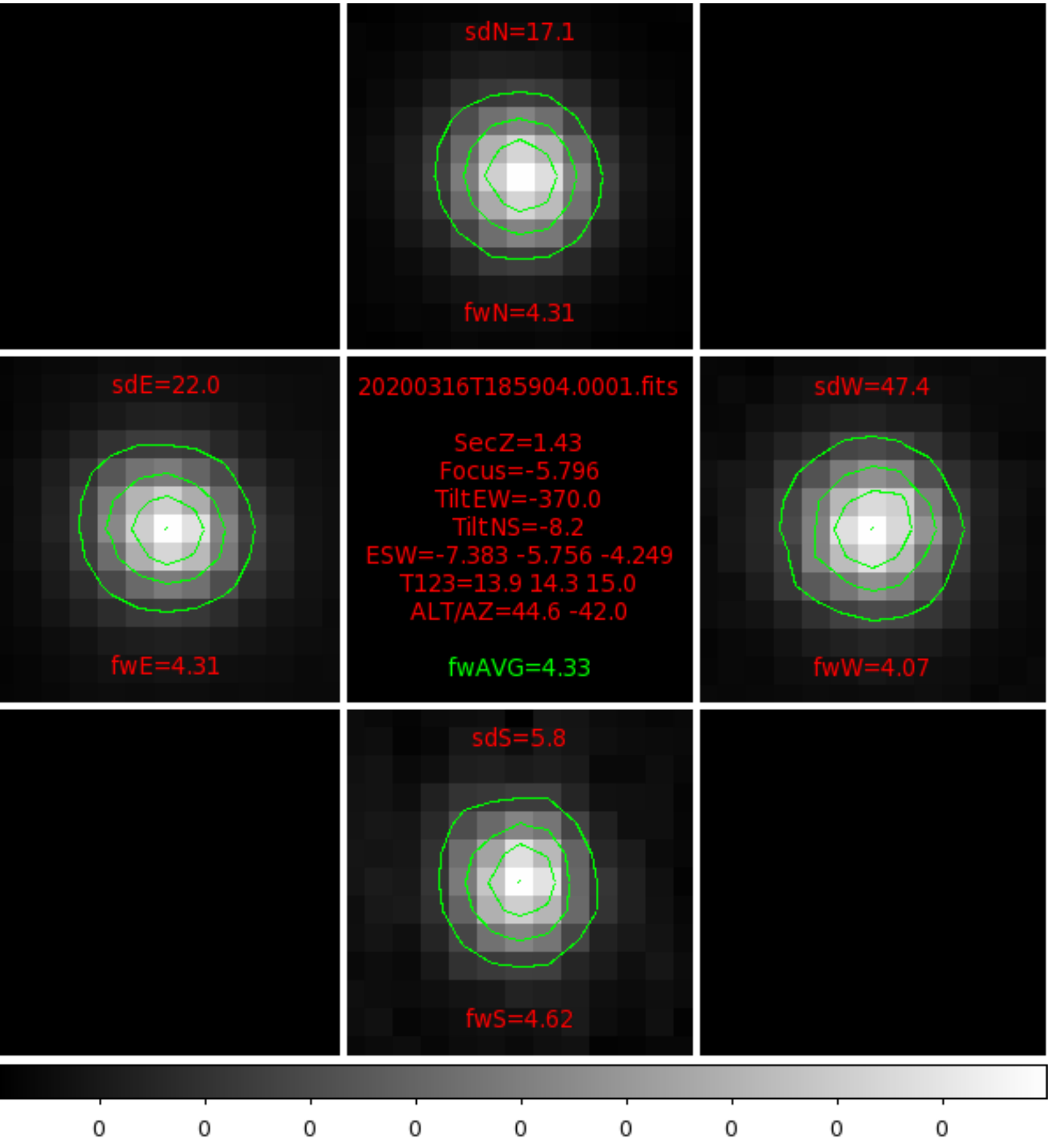
sdN=17.1
fwN=4.31
sdE=22.0
fwE=4.31
20200316T185904.0001.fits
SecZ=1.43
Focus=-5.796
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.383 -5.756 -4.249
T123=13.9 14.3 15.0
ALT/AZ=44.6 -42.0
fwAVG=4.33
sdW=47.4
fwW=4.07
sdS=5.8
fwS=4.62
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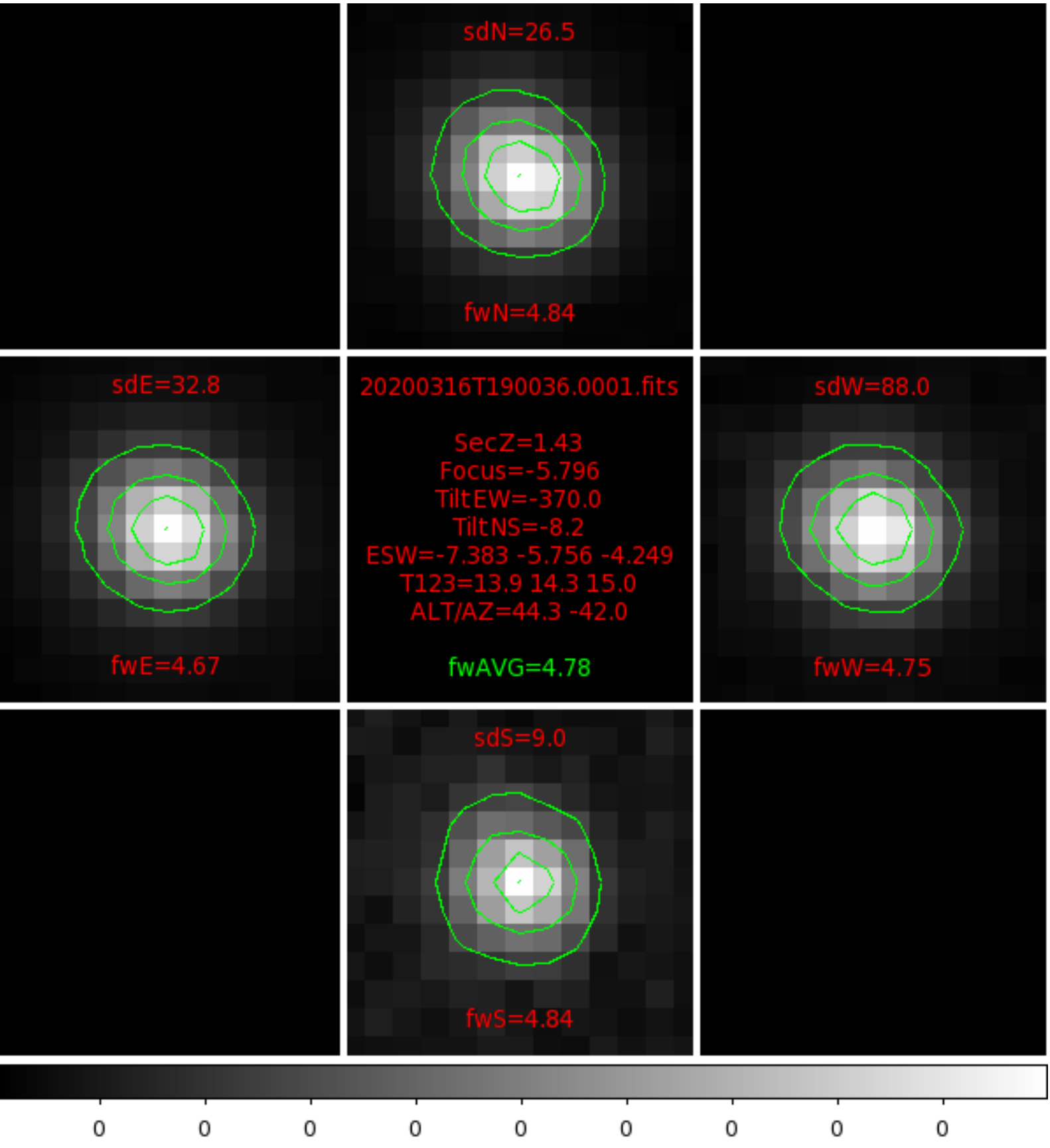
sdN=26.5
fwN=4.84
sdE=32.8
fwE=4.67
20200316T190036.0001.fits
SecZ=1.43
Focus=-5.796
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.383 -5.756 -4.249
T123=13.9 14.3 15.0
ALT/AZ=44.3 -42.0
fwAVG=4.78
sdW=88.0
fwW=4.75
sdS=9.0
fwS=4.84
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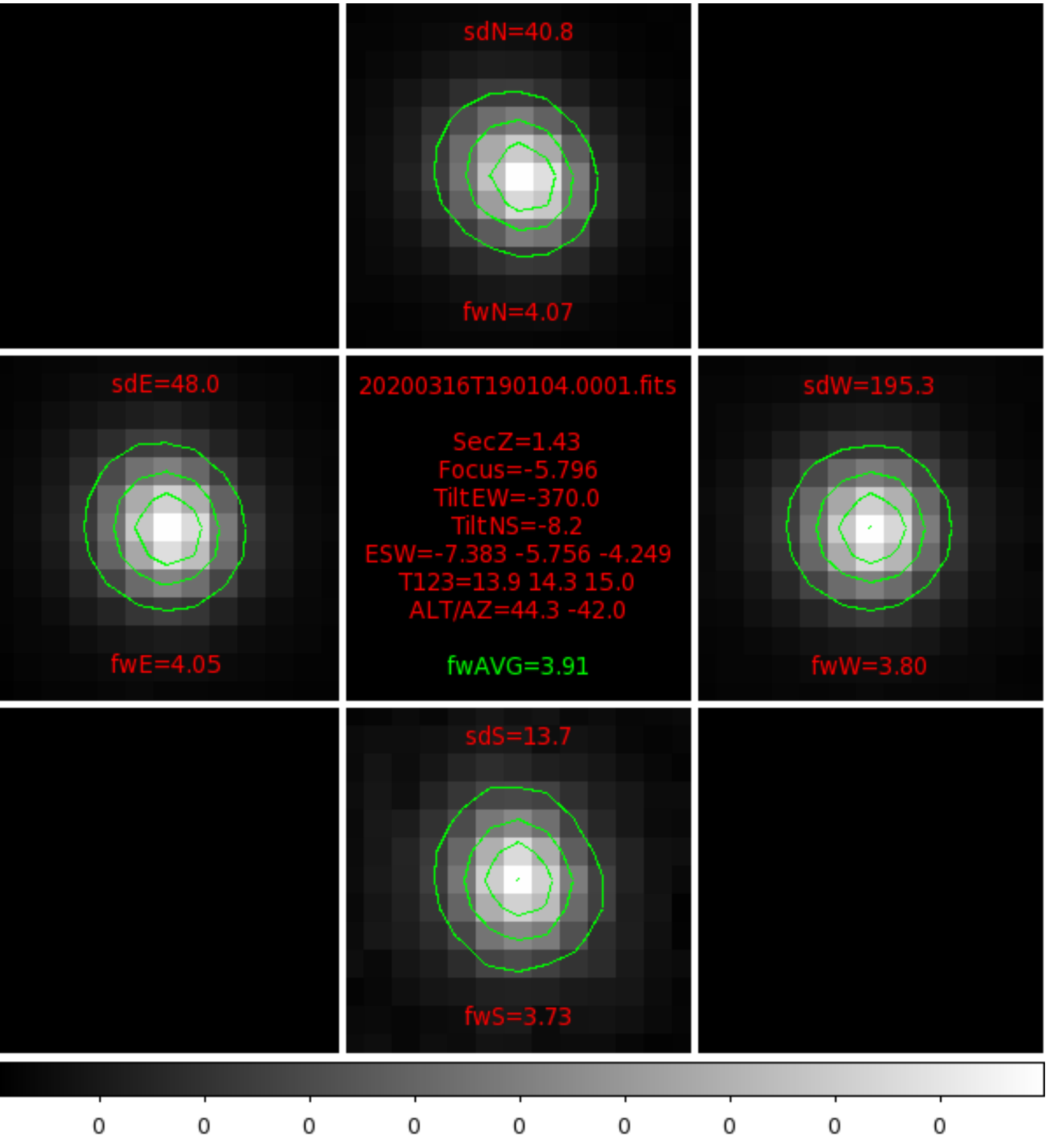
sdN=40.8
fwN=4.07
sdE=48.0
fwE=4.05
20200316T190104.0001.fits
SecZ=1.43
Focus=-5.796
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.383 -5.756 -4.249
T123=13.9 14.3 15.0
ALT/AZ=44.3 -42.0
fwAVG=3.91
sdW=195.3
fwW=3.80
sdS=13.7
fwS=3.73
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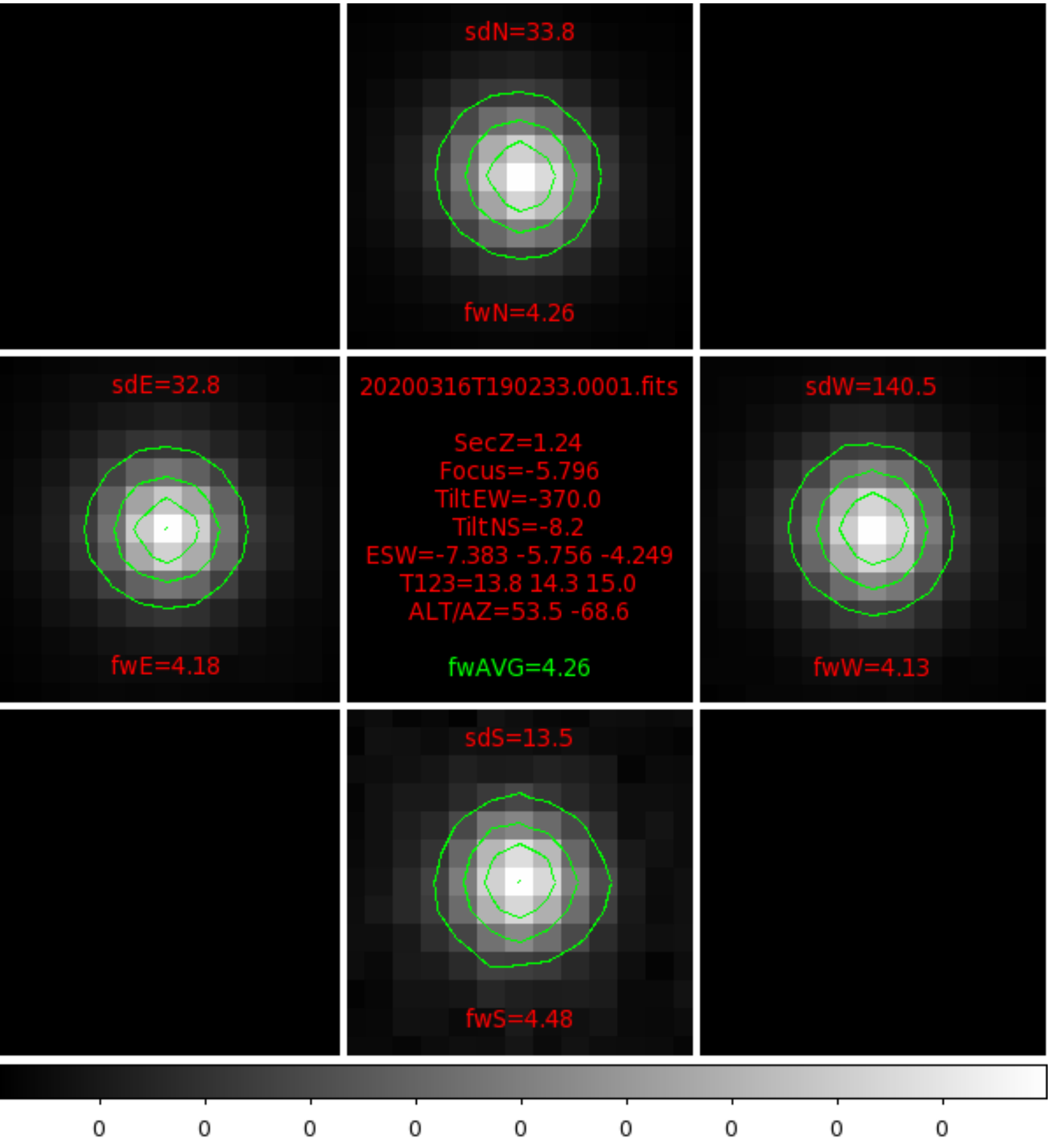
sdN=33.8
fwN=4.26
sdE=32.8
fwE=4.18
20200316T190233.0001.fits
SecZ=1.24
Focus=-5.796
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.383 -5.756 -4.249
T123=13.8 14.3 15.0
ALT/AZ=53.5 -68.6
fwAVG=4.26
sdW=140.5
fwW=4.13
sdS=13.5
fwS=4.48
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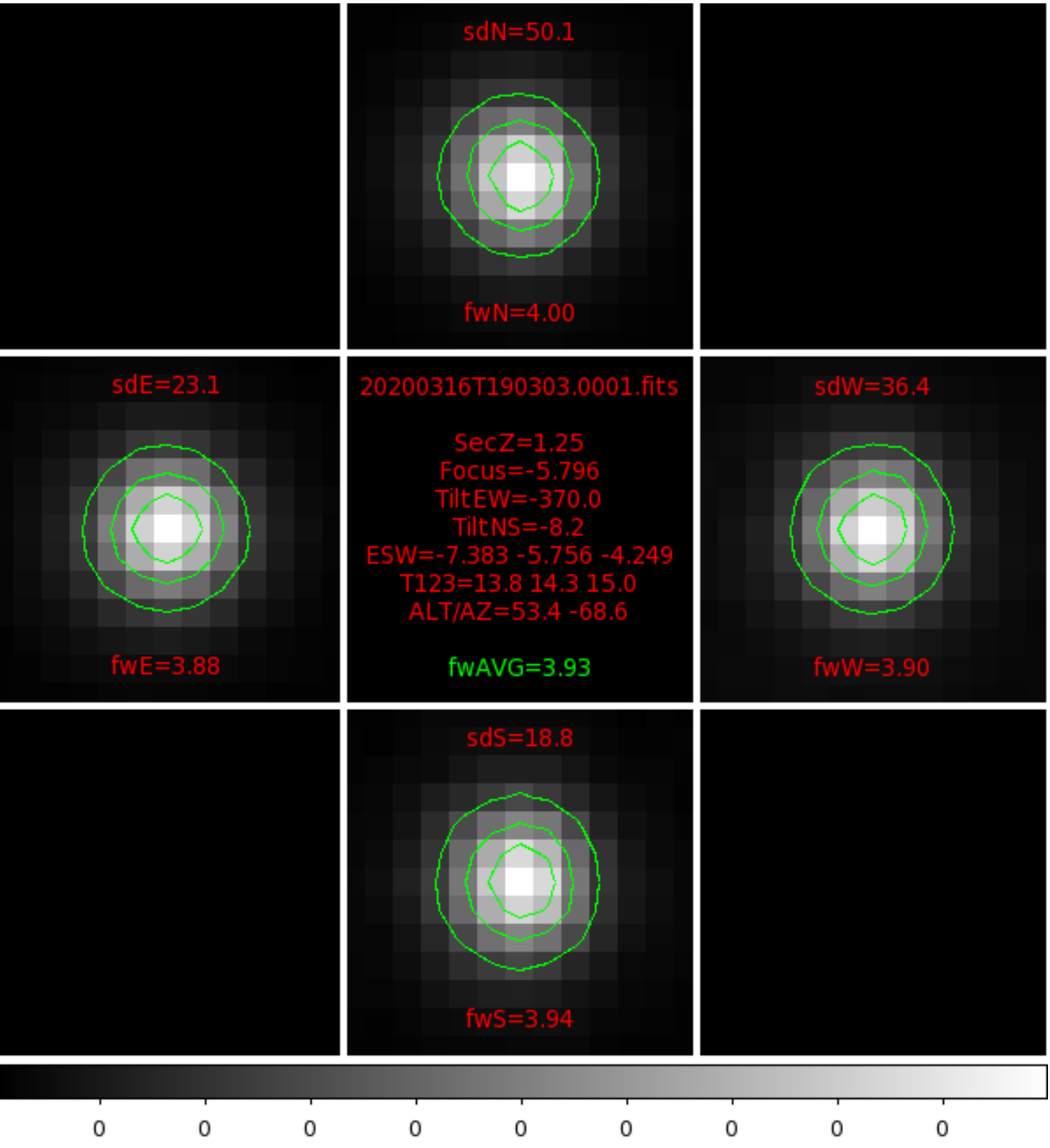
sdN=50.1
fwN=4.00
sdE=23.1
fwE=3.88
20200316T190303.0001.fits
SecZ=1.25
Focus=-5.796
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.383 -5.756 -4.249
T123=13.8 14.3 15.0
ALT/AZ=53.4 -68.6
fwAVG=3.93
sdW=36.4
fwW=3.90
sdS=18.8
fwS=3.94
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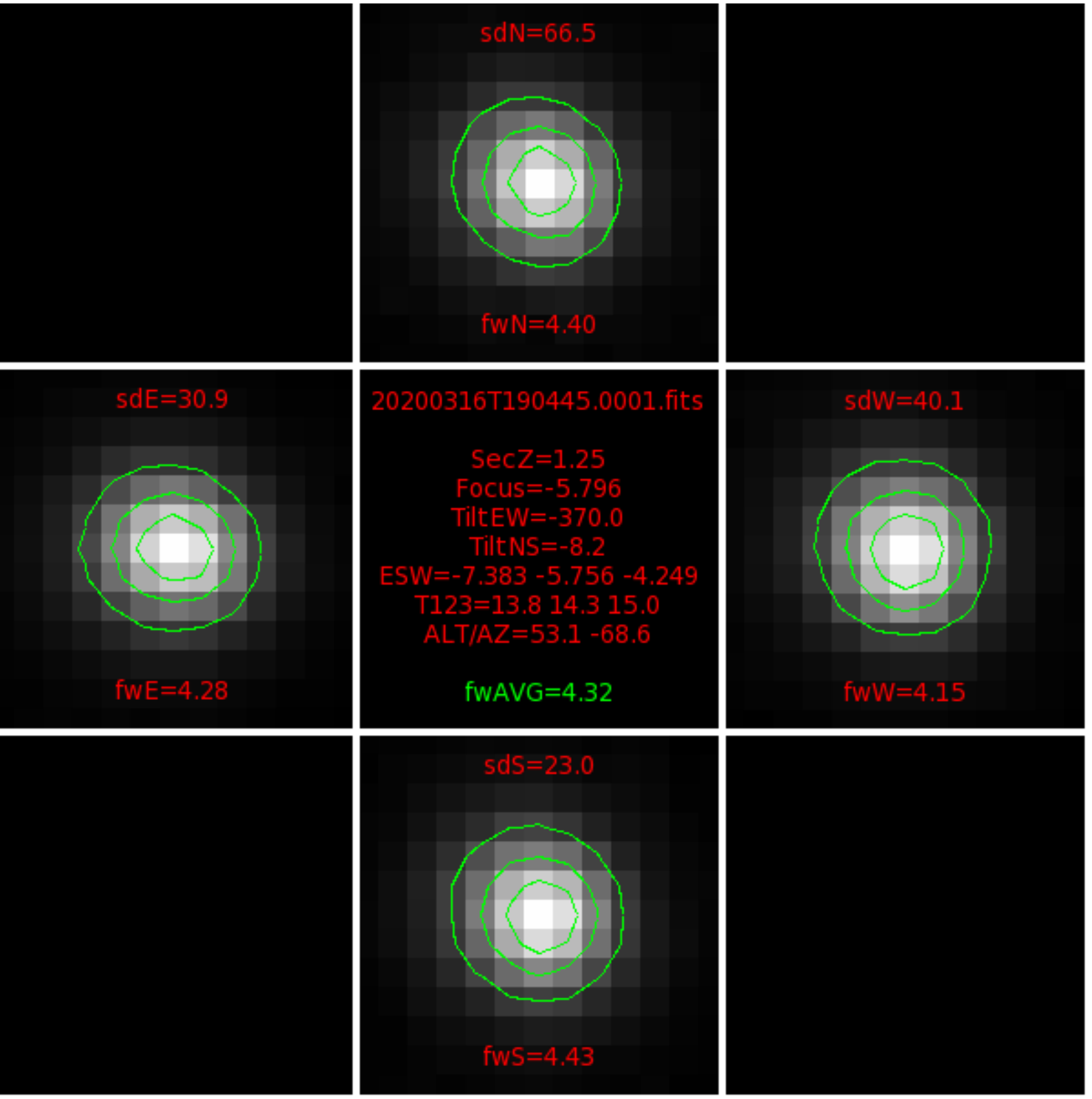
sdN=66.5
fwN=4.40
sdE=30.9
fwE=4.28
20200316T190445.0001.fits
SecZ=1.25
Focus=-5.796
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.383 -5.756 -4.249
T123=13.8 14.3 15.0
ALT/AZ=53.1 -68.6
fwAVG=4.32
sdW=40.1
fwW=4.15
sdS=23.0
fwS=4.43
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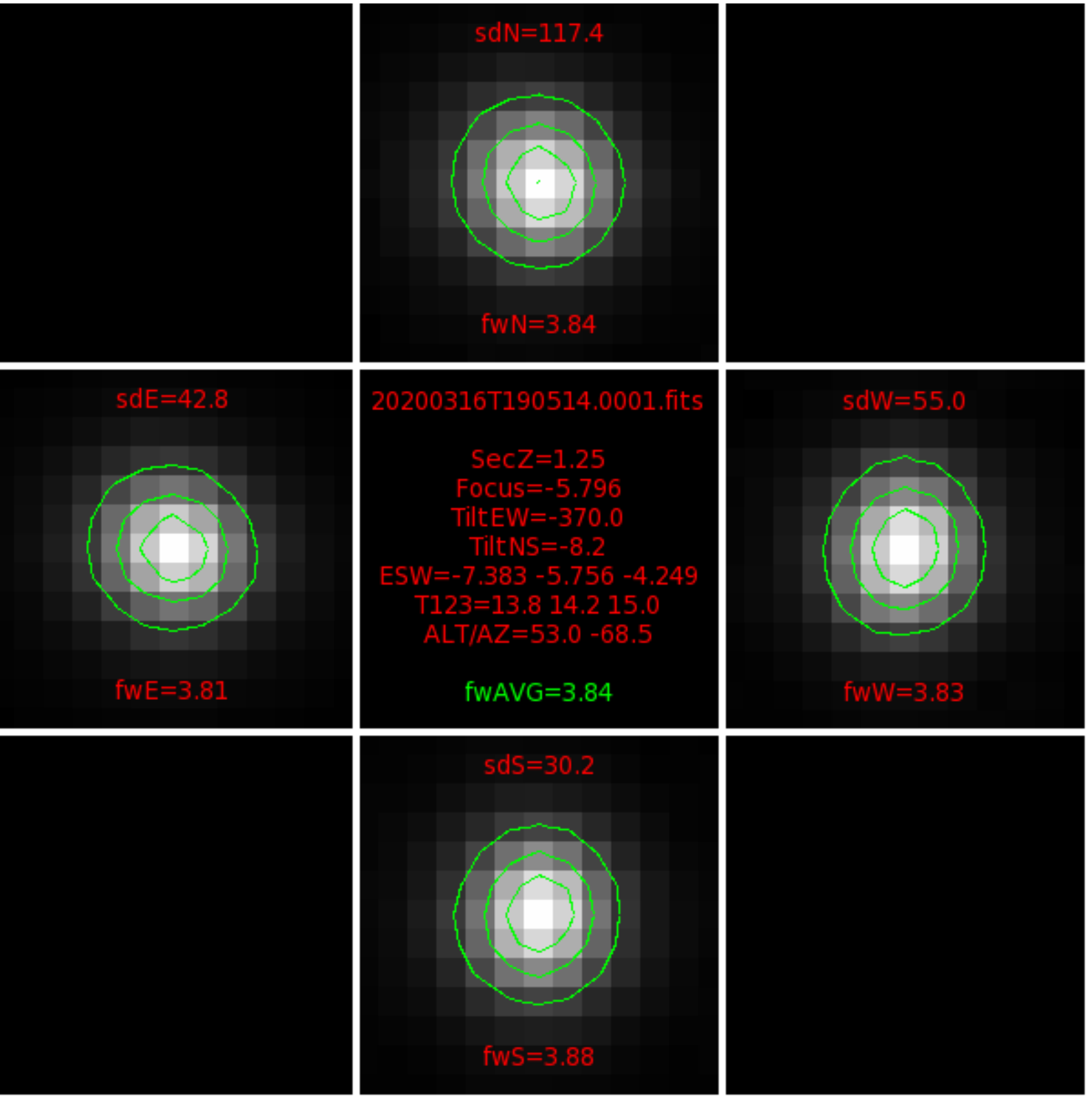
sdN=117.4
fwN=3.84
sdE=42.8
fwE=3.81
20200316T190514.0001.fits
SecZ=1.25
Focus=-5.796
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.383 -5.756 -4.249
T123=13.8 14.2 15.0
ALT/AZ=53.0 -68.5
fwAVG=3.84
sdW=55.0
fwW=3.83
sdS=30.2
fwS=3.88
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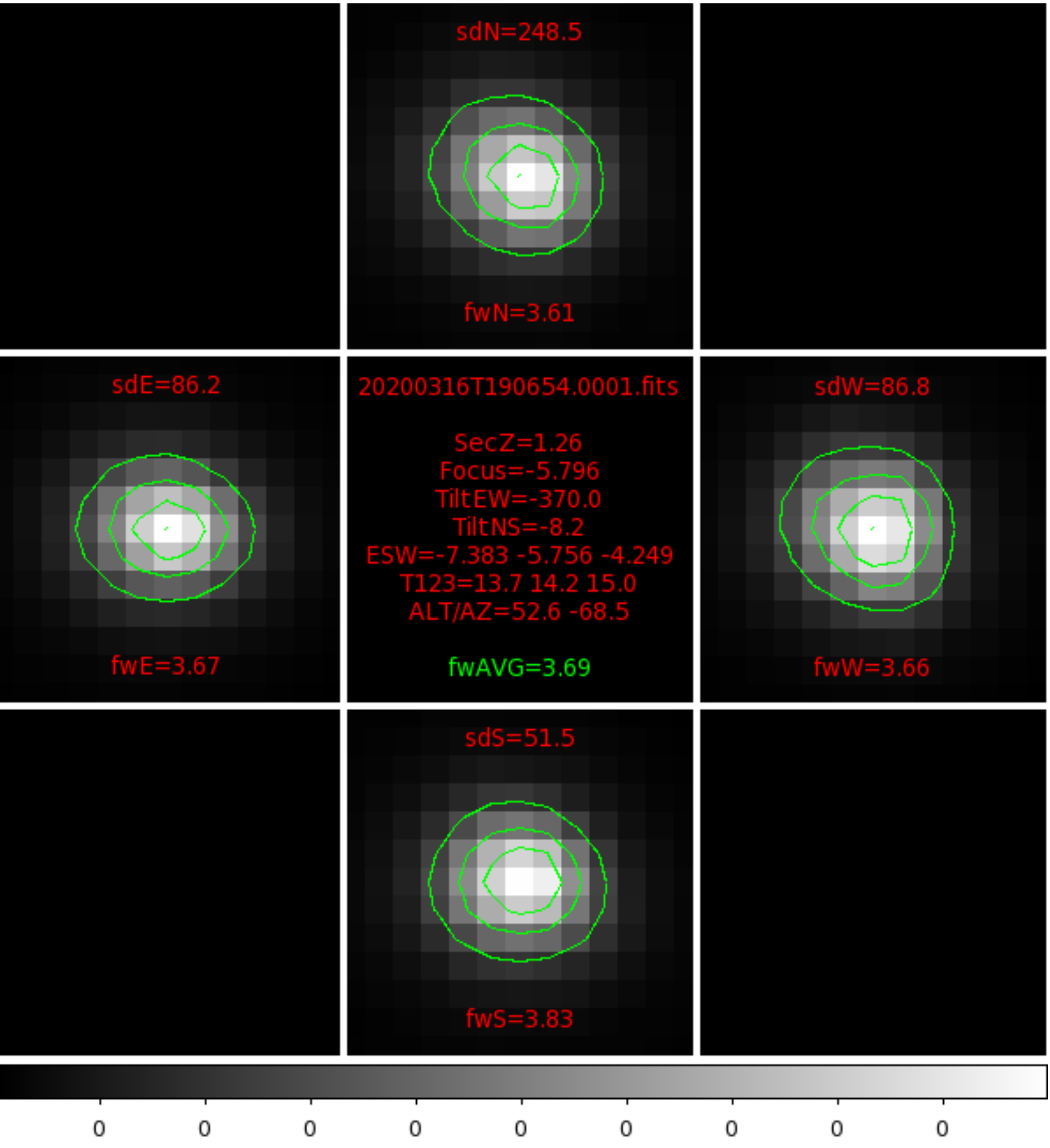
sdN=248.5
fwN=3.61
sdE=86.2
fwE=3.67
20200316T190654.0001.fits
SecZ=1.26
Focus=-5.796
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.383 -5.756 -4.249
T123=13.7 14.2 15.0
ALT/AZ=52.6 -68.5
fwAVG=3.69
sdW=86.8
fwW=3.66
sdS=51.5
fwS=3.83
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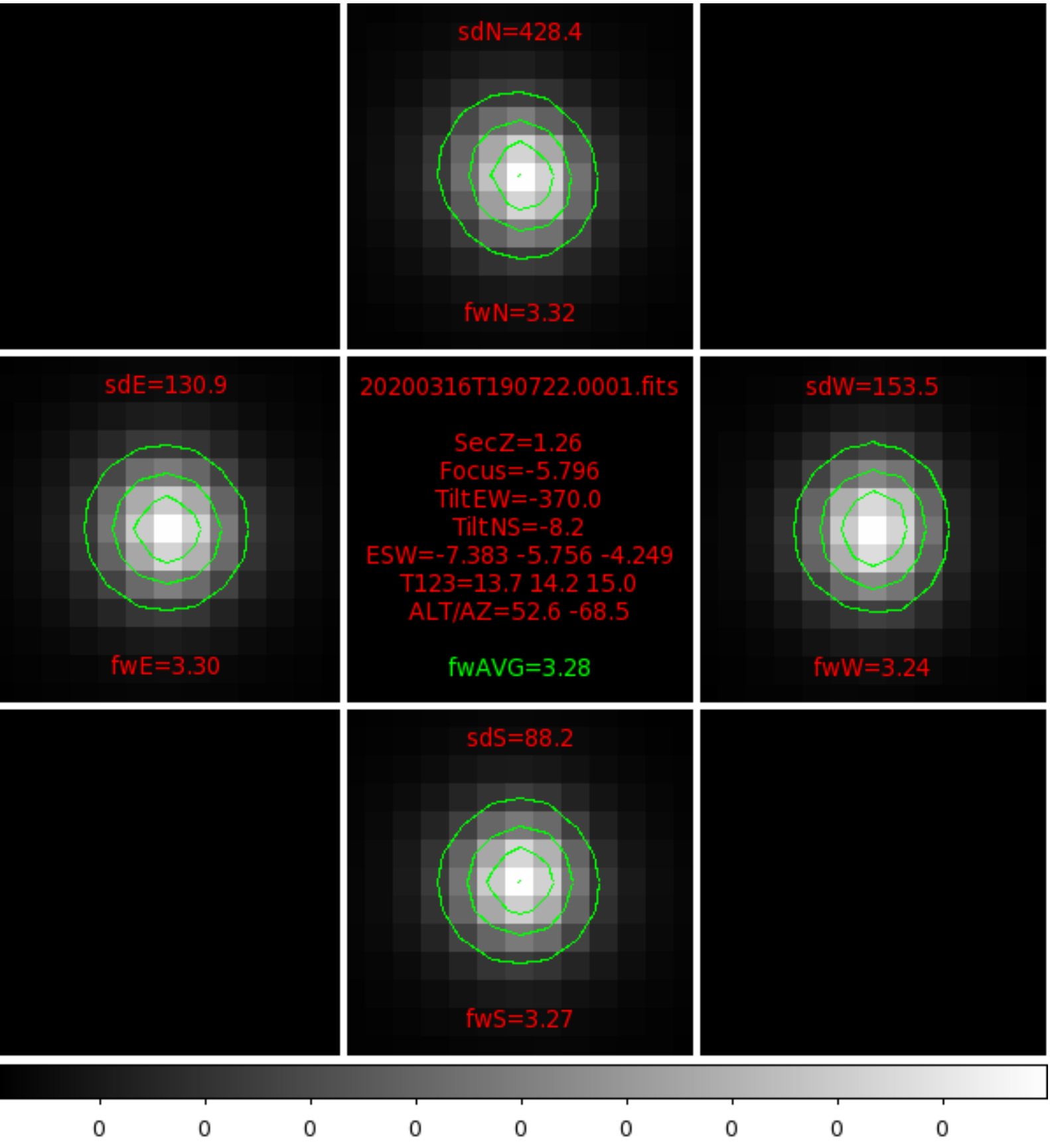
sdN=428.4
fwN=3.32
sdE=130.9
fwE=3.30
20200316T190722.0001.fits
SecZ=1.26
Focus=-5.796
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.383 -5.756 -4.249
T123=13.7 14.2 15.0
ALT/AZ=52.6 -68.5
fwAVG=3.28
sdW=153.5
fwW=3.24
sdS=88.2
fwS=3.27
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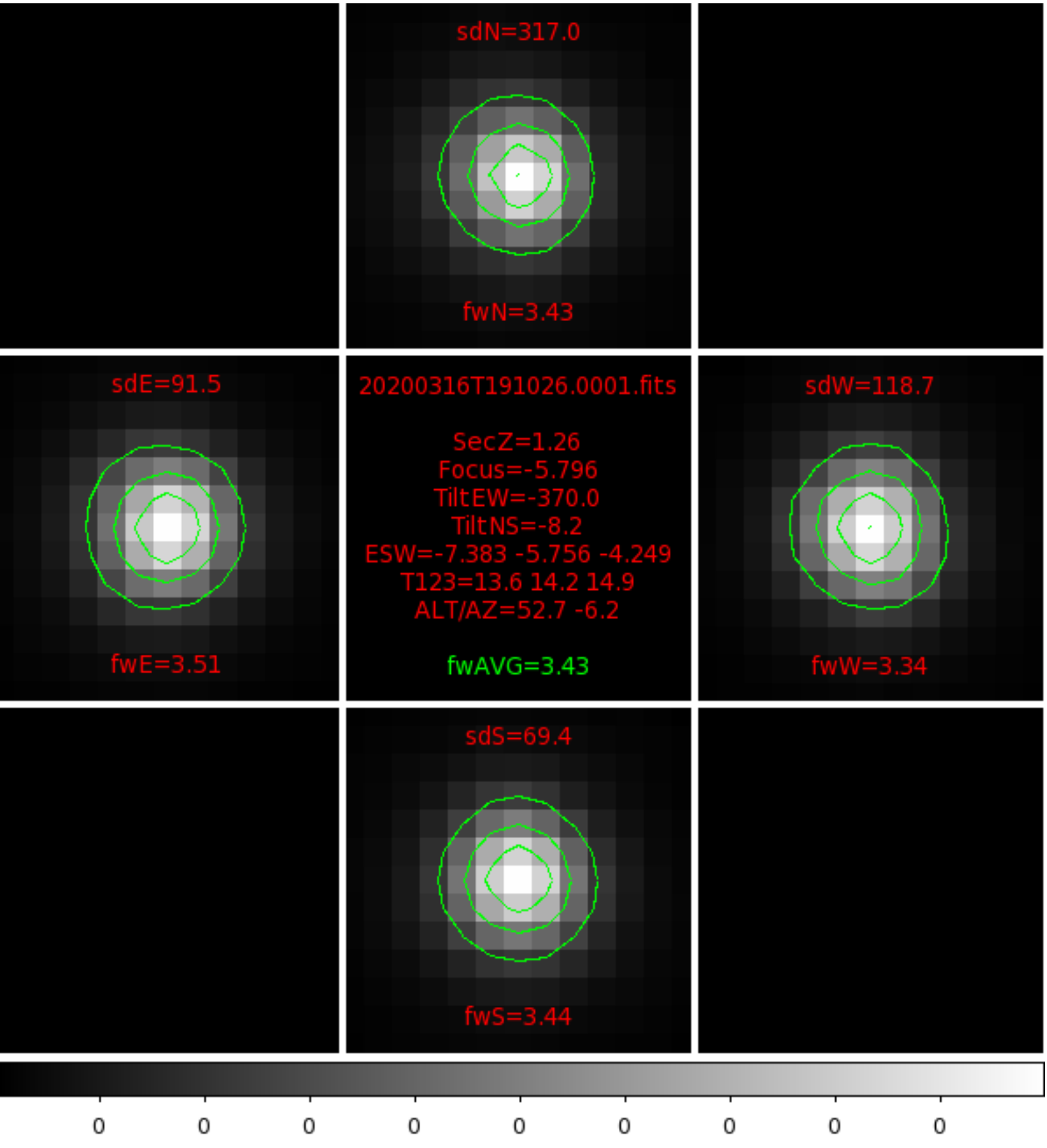
sdN=317.0
fwN=3.43
sdE=91.5
fwE=3.51
20200316T191026.0001.fits
SecZ=1.26
Focus=-5.796
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.383 -5.756 -4.249
T123=13.6 14.2 14.9
ALT/AZ=52.7 -6.2
fwAVG=3.43
sdW=118.7
fwW=3.34
sdS=69.4
fwS=3.44
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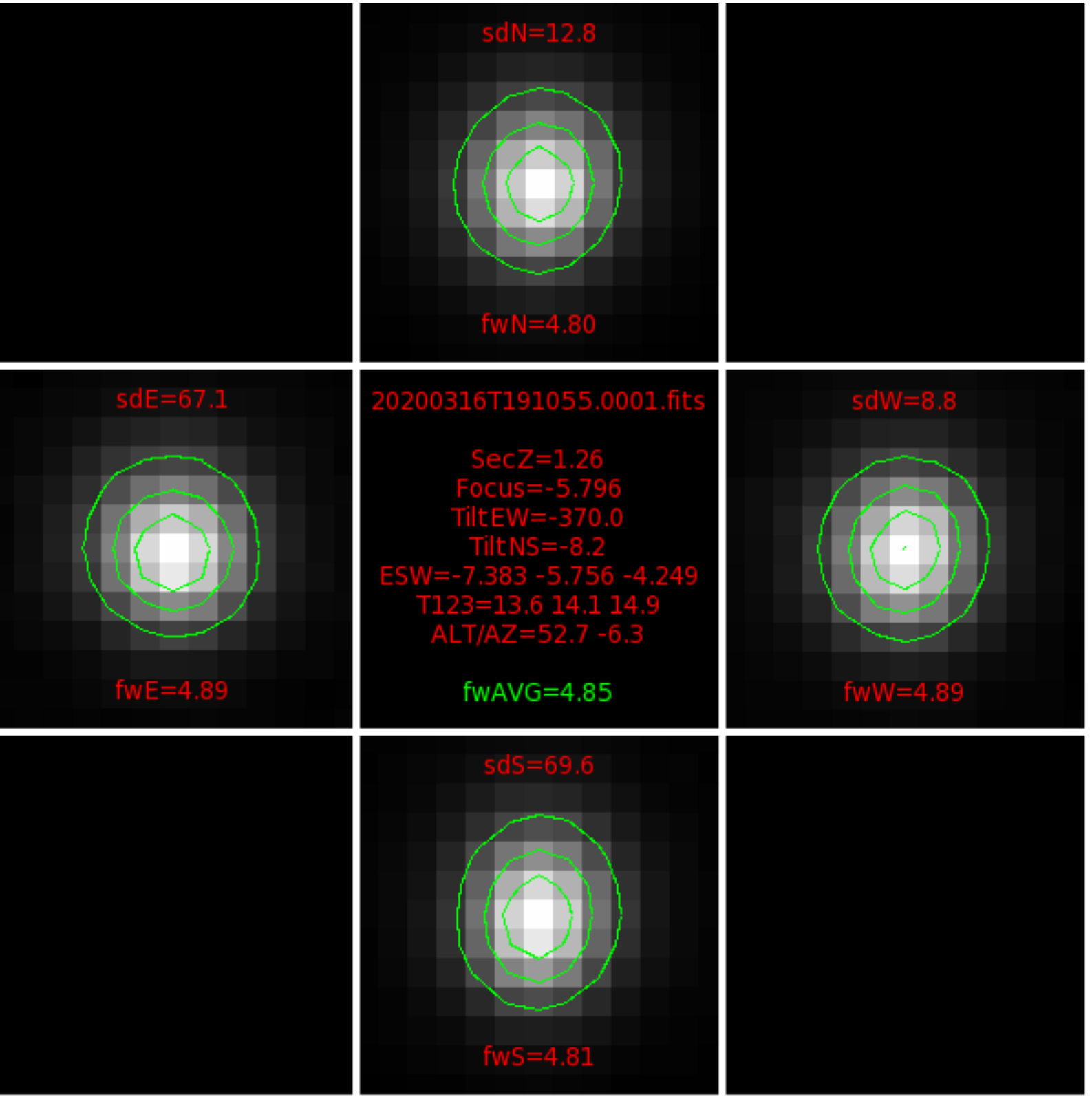
sdN=12.8
fwN=4.80
sdE=67.1
fwE=4.89
20200316T191055.0001.fits
SecZ=1.26
Focus=-5.796
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.383 -5.756 -4.249
T123=13.6 14.1 14.9
ALT/AZ=52.7 -6.3
fwAVG=4.85
sdW=8.8
fwW=4.89
sdS=69.6
fwS=4.81
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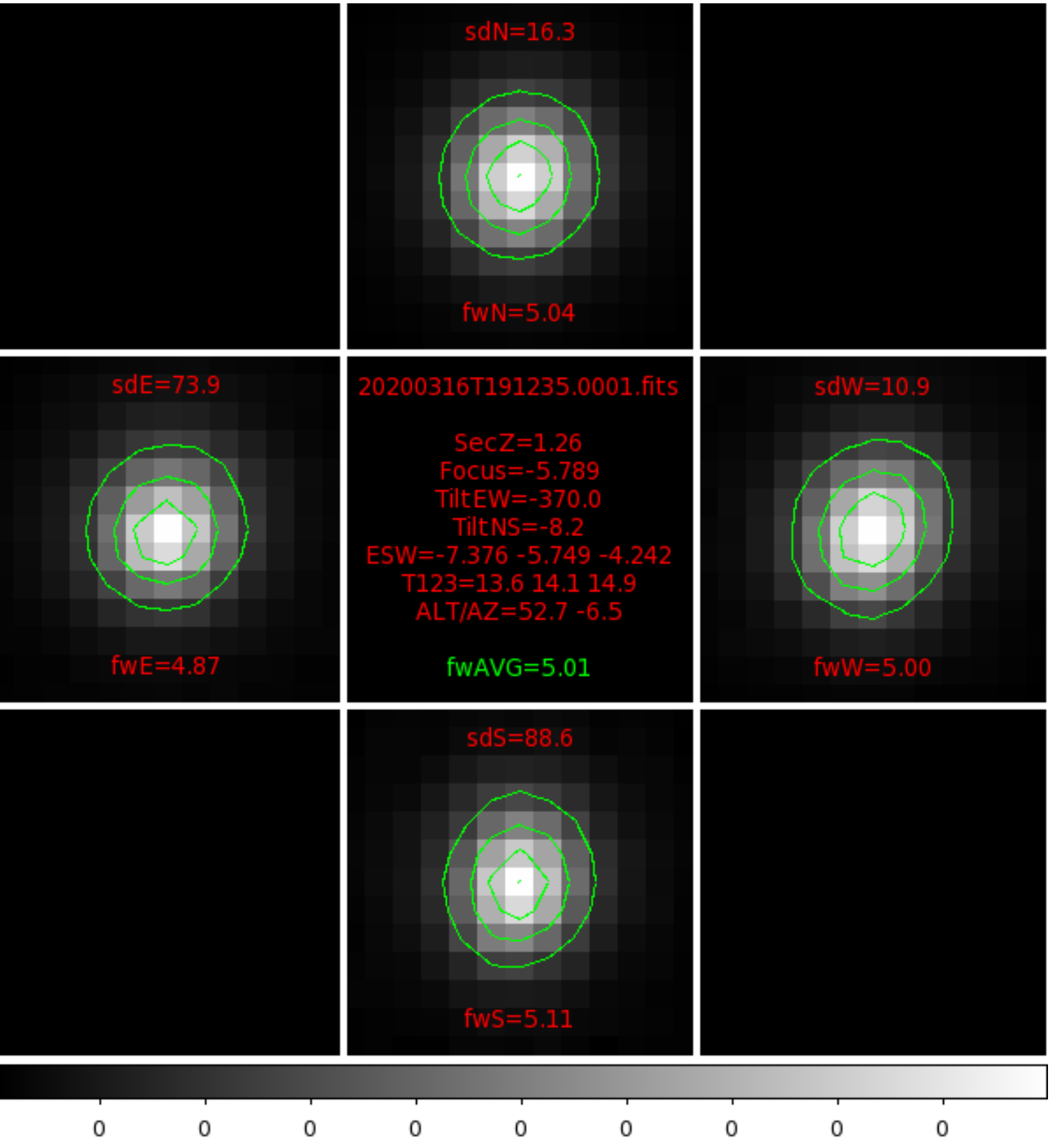
sdN=16.3
fwN=5.04
sdE=73.9
fwE=4.87
20200316T191235.0001.fits
SecZ=1.26
Focus=-5.789
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.376 -5.749 -4.242
T123=13.6 14.1 14.9
ALT/AZ=52.7 -6.5
fwAVG=5.01
sdW=10.9
fwW=5.00
sdS=88.6
fwS=5.11
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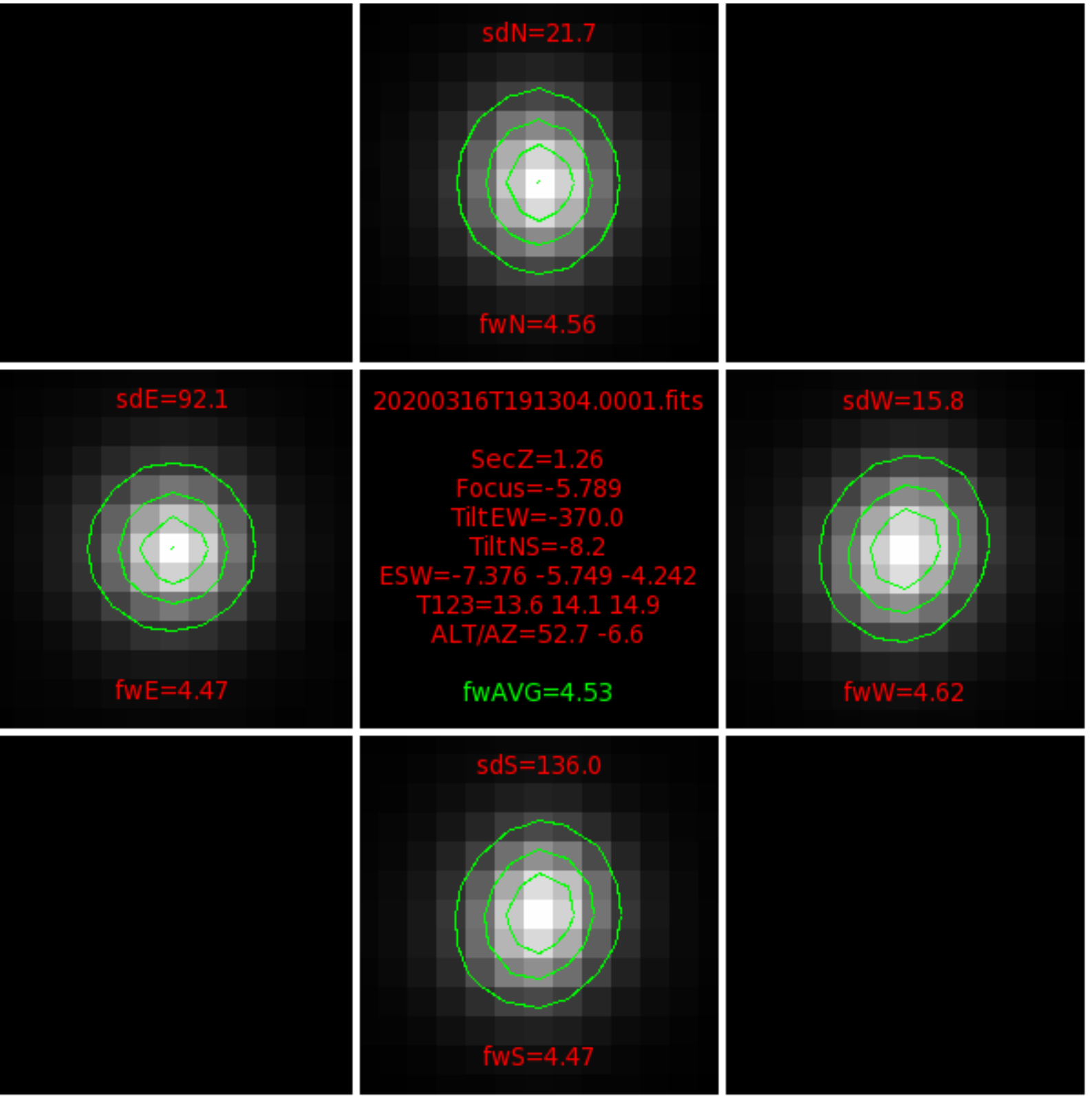
sdN=21.7
fwN=4.56
sdE=92.1
fwE=4.47
20200316T191304.0001.fits
SecZ=1.26
Focus=-5.789
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.376 -5.749 -4.242
T123=13.6 14.1 14.9
ALT/AZ=52.7 -6.6
fwAVG=4.53
sdW=15.8
fwW=4.62
sdS=136.0
fwS=4.47
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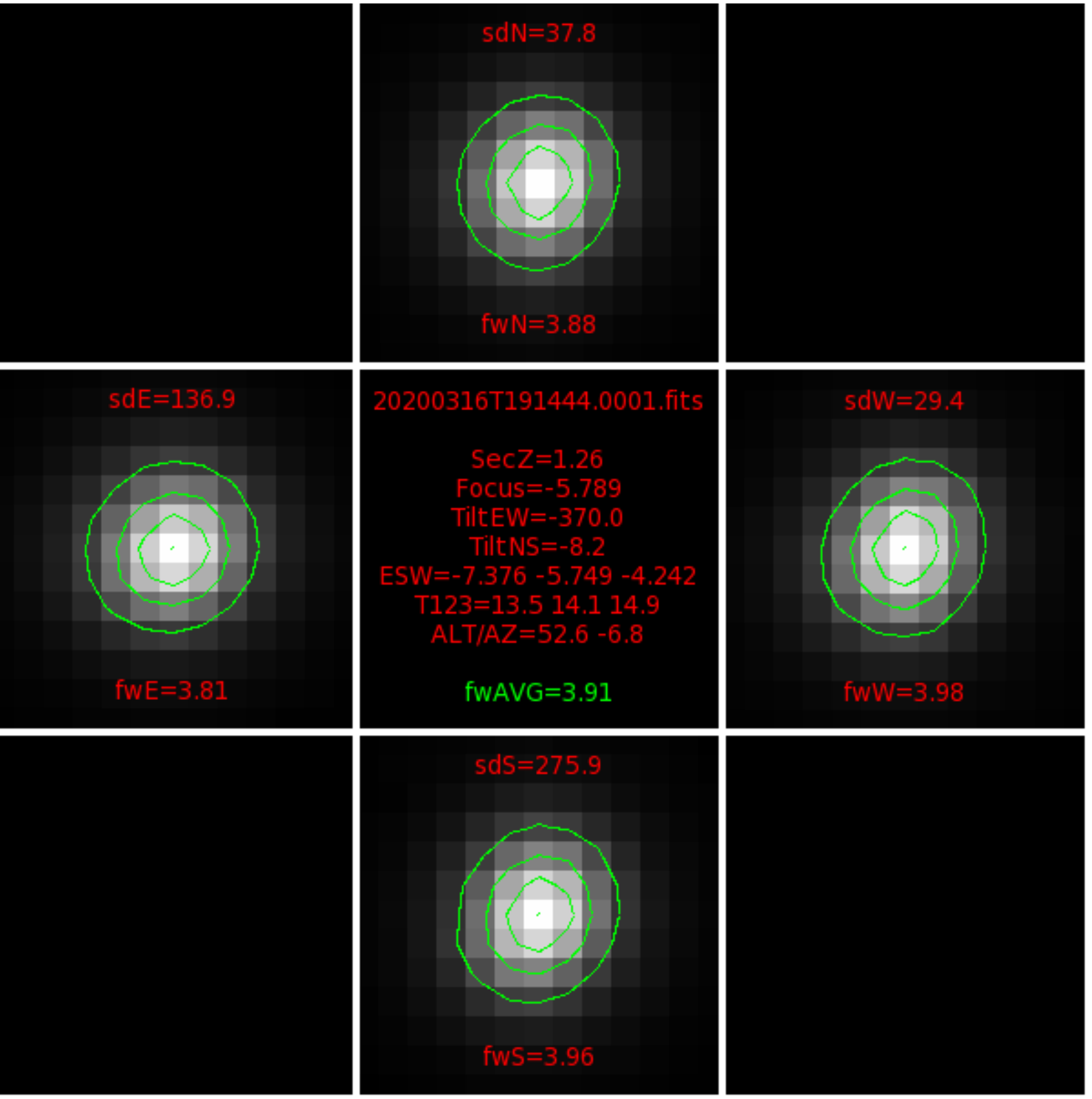
sdN=37.8
fwN=3.88
sdE=136.9
fwE=3.81
20200316T191444.0001.fits
SecZ=1.26
Focus=-5.789
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.376 -5.749 -4.242
T123=13.5 14.1 14.9
ALT/AZ=52.6 -6.8
fwAVG=3.91
sdW=29.4
fwW=3.98
sdS=275.9
fwS=3.96
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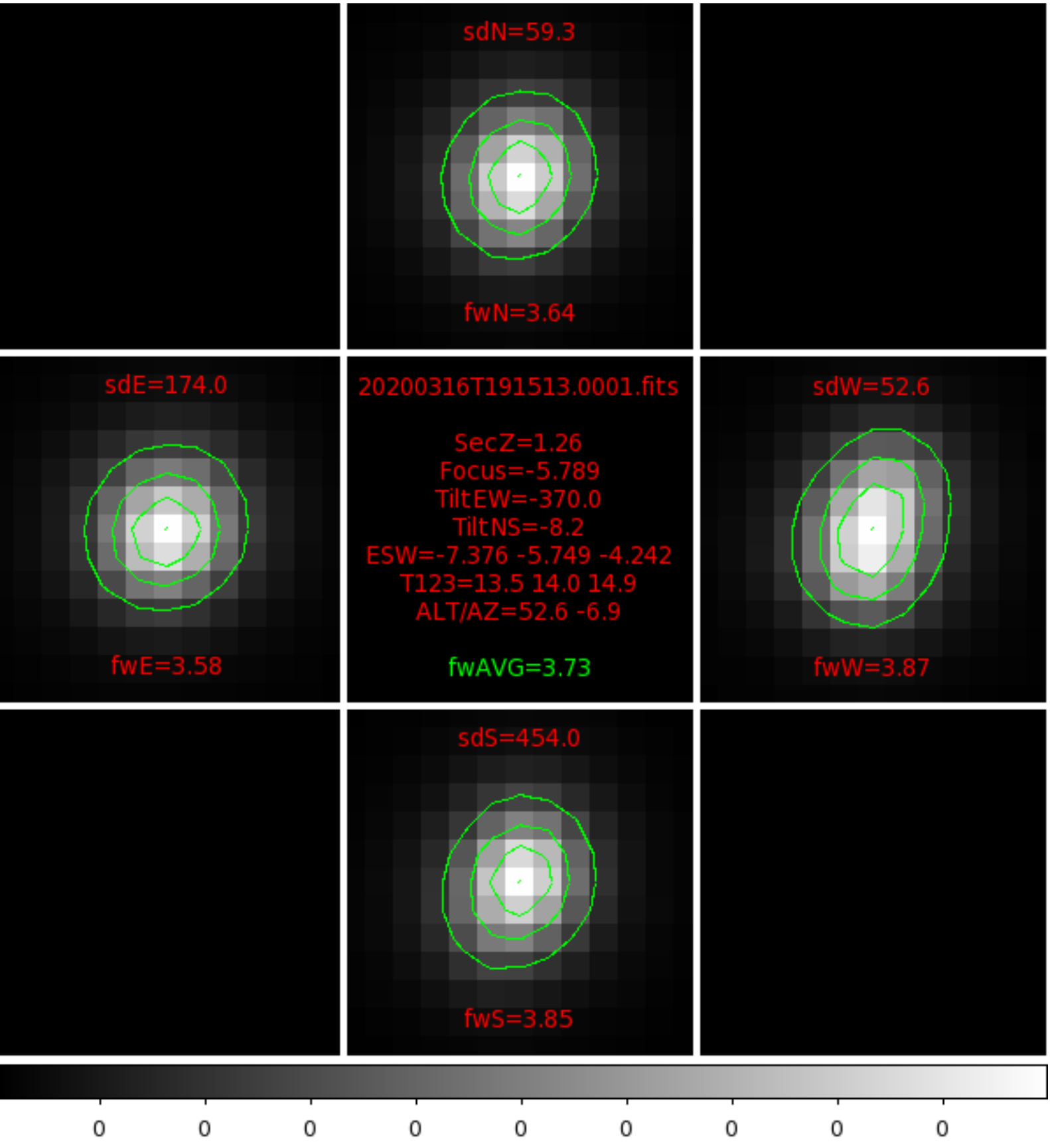
sdN=59.3
fwN=3.64
sdE=174.0
fwE=3.58
20200316T191513.0001.fits
SecZ=1.26
Focus=-5.789
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.376 -5.749 -4.242
T123=13.5 14.0 14.9
ALT/AZ=52.6 -6.9
fwAVG=3.73
sdW=52.6
fwW=3.87
sdS=454.0
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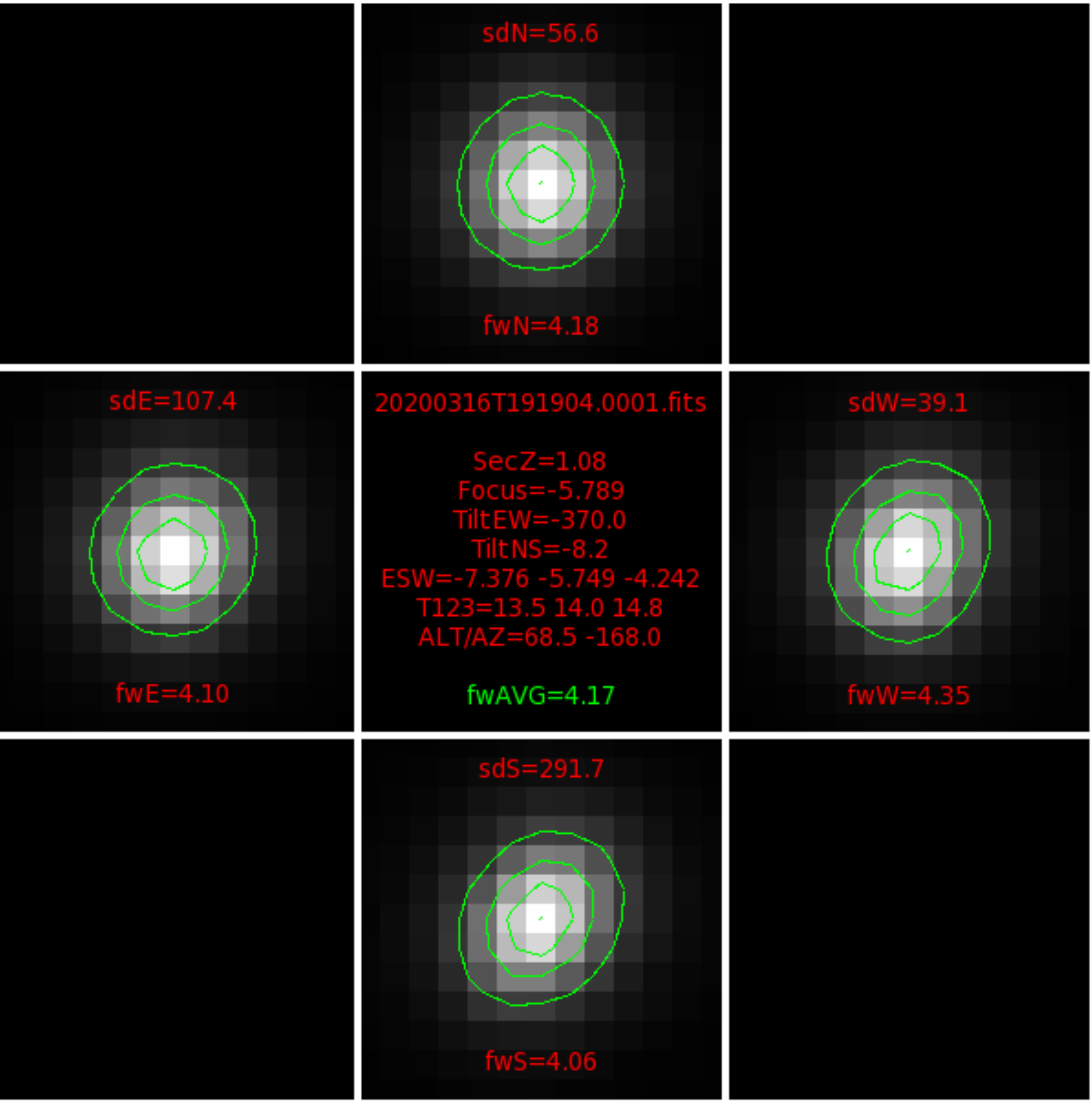
sdN=56.6
fwN=4.18
sdE=107.4
fwE=4.10
20200316T191904.0001.fits
SecZ=1.08
Focus=-5.789
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.376 -5.749 -4.242
T123=13.5 14.0 14.8
ALT/AZ=68.5 -168.0
fwAVG=4.17
sdW=39.1
fwW=4.35
sdS=291.7
fwS=4.06
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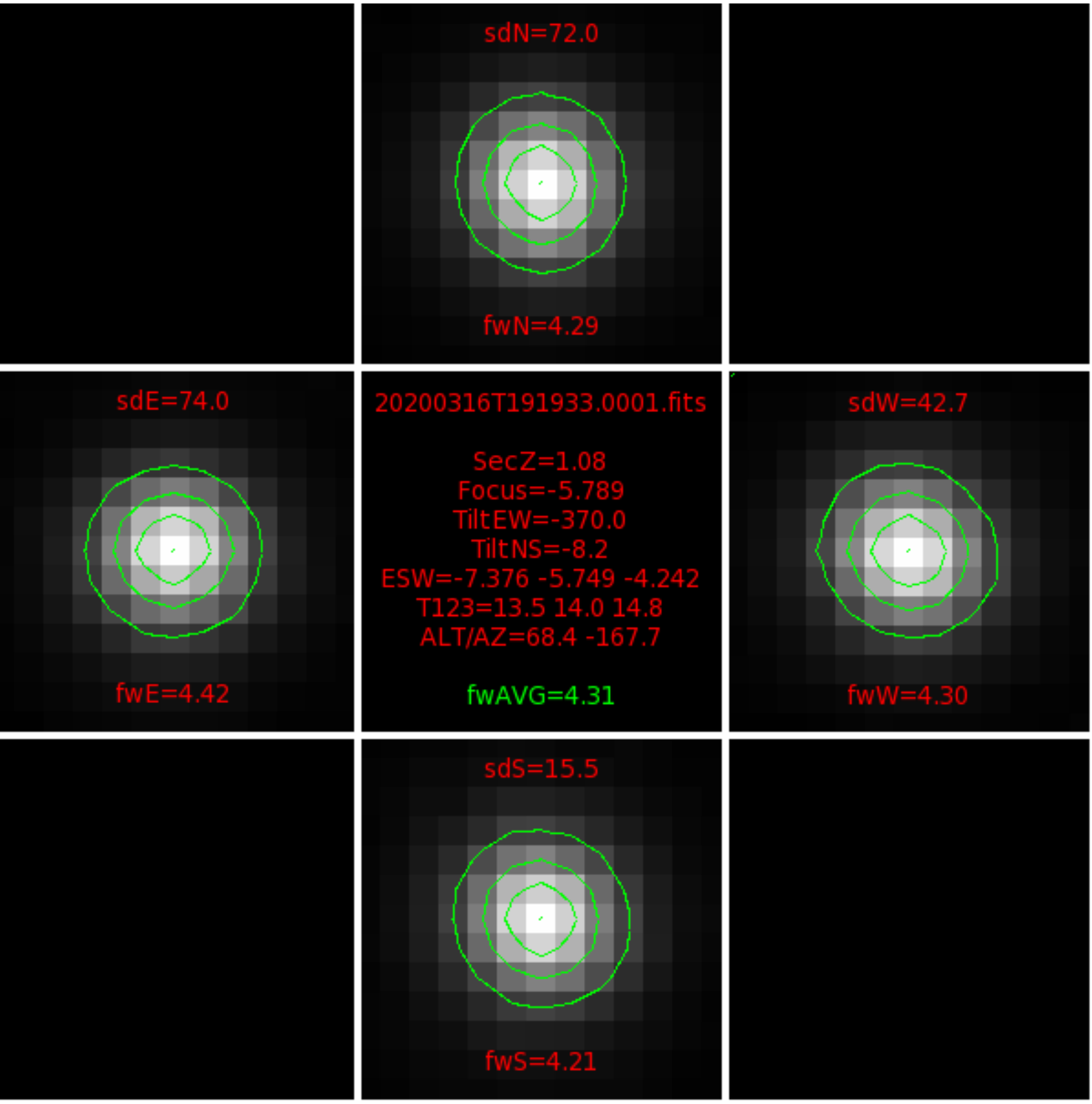
sdN=72.0
fwN=4.29
sdE=74.0
fwE=4.42
20200316T191933.0001.fits
SecZ=1.08
Focus=-5.789
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.376 -5.749 -4.242
T123=13.5 14.0 14.8
ALT/AZ=68.4 -167.7
fwAVG=4.31
sdW=42.7
fwW=4.30
sdS=15.5
fwS=4.21
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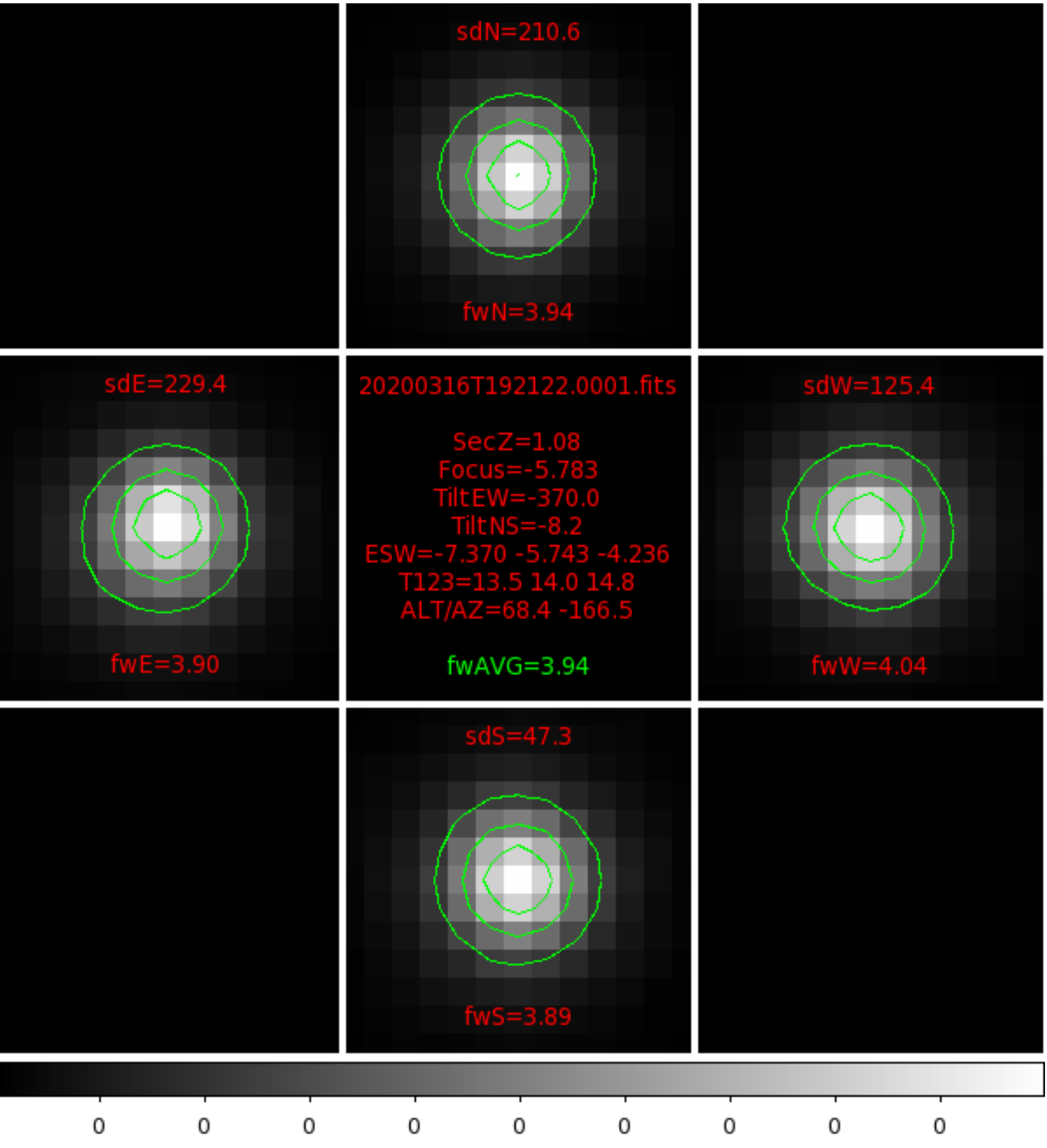
sdN=210.6
fwN=3.94
sdE=229.4
fwE=3.90
20200316T192122.0001.fits
SecZ=1.08
Focus=-5.783
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.370 -5.743 -4.236
T123=13.5 14.0 14.8
ALT/AZ=68.4 -166.5
fwAVG=3.94
sdW=125.4
fwW=4.04
sdS=47.3
fwS=3.89
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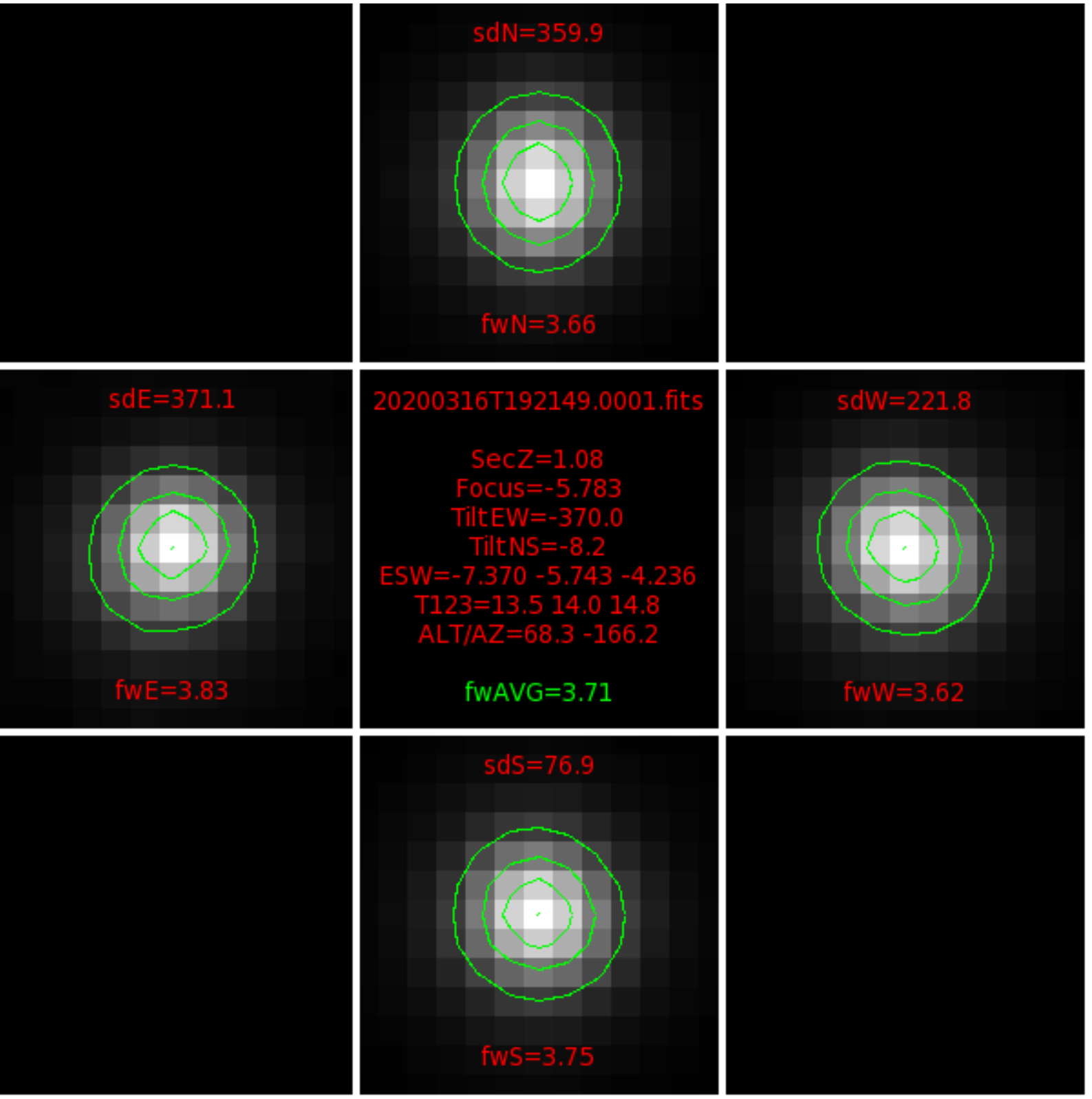
sdN=359.9
fwN=3.66
sdE=371.1
fwE=3.83
20200316T192149.0001.fits
SecZ=1.08
Focus=-5.783
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.370 -5.743 -4.236
T123=13.5 14.0 14.8
ALT/AZ=68.3 -166.2
fwAVG=3.71
sdW=221.8
fwW=3.62
sdS=76.9
fwS=3.75
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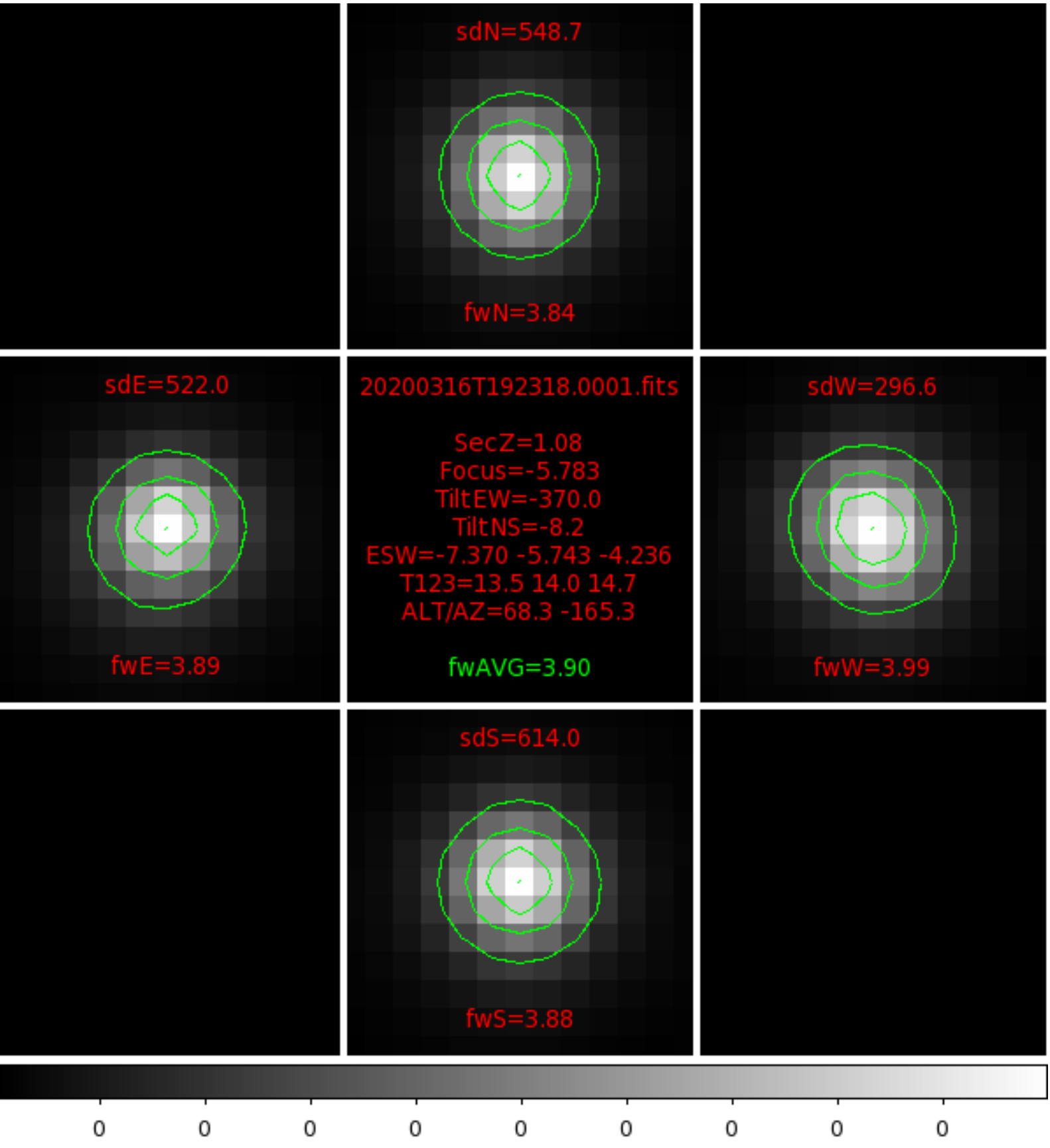
sdN=548.7
fwN=3.84
sdE=522.0
fwE=3.89
20200316T192318.0001.fits
SecZ=1.08
Focus=-5.783
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.370 -5.743 -4.236
T123=13.5 14.0 14.7
ALT/AZ=68.3 -165.3
fwAVG=3.90
sdW=296.6
fwW=3.99
sdS=614.0
fwS=3.88
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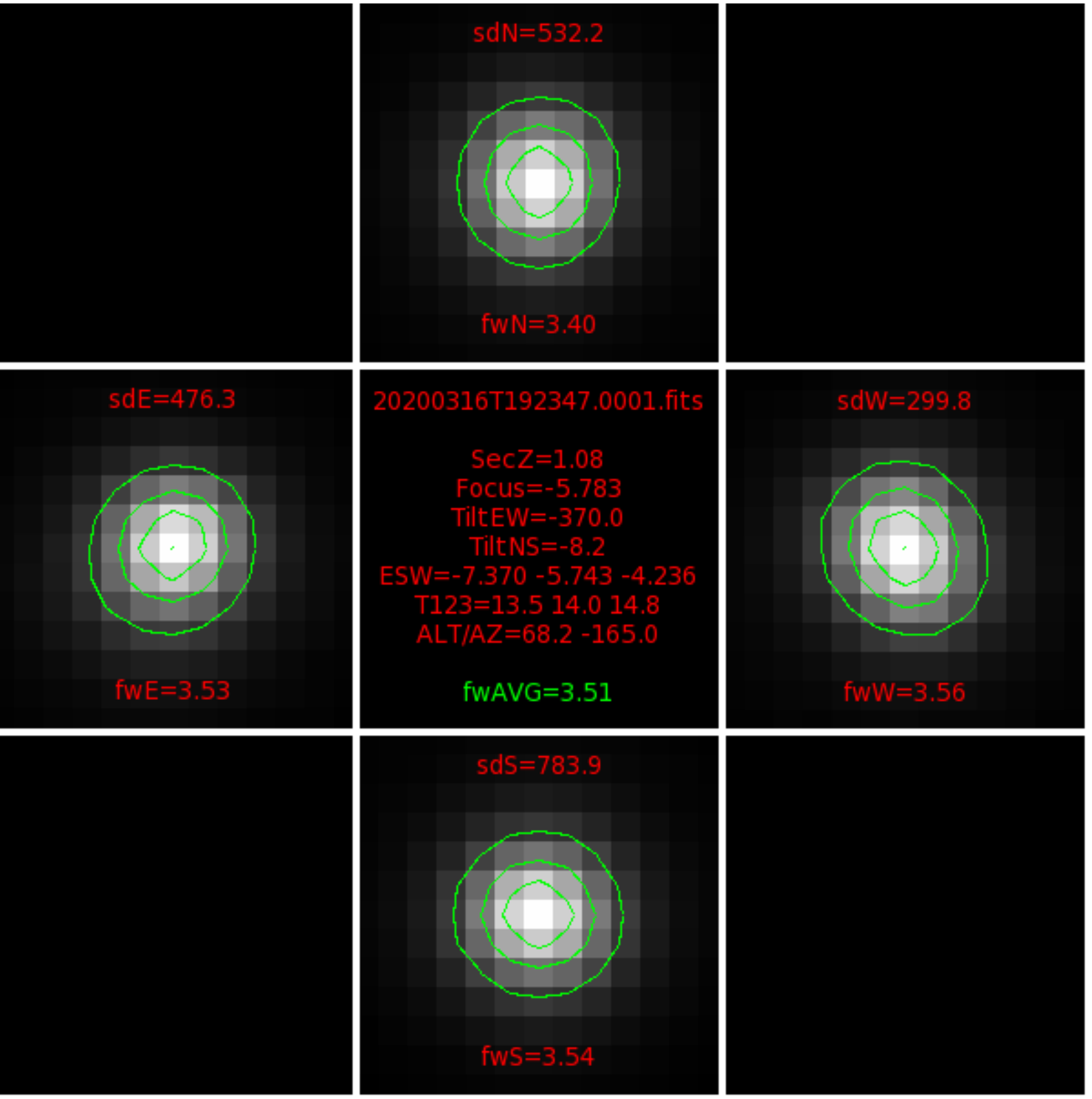
sdN=532.2
fwN=3.40
sdE=476.3
fwE=3.53
20200316T192347.0001.fits
SecZ=1.08
Focus=-5.783
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.370 -5.743 -4.236
T123=13.5 14.0 14.8
ALT/AZ=68.2 -165.0
fwAVG=3.51
sdW=299.8
fwW=3.56
sdS=783.9
fwS=3.54
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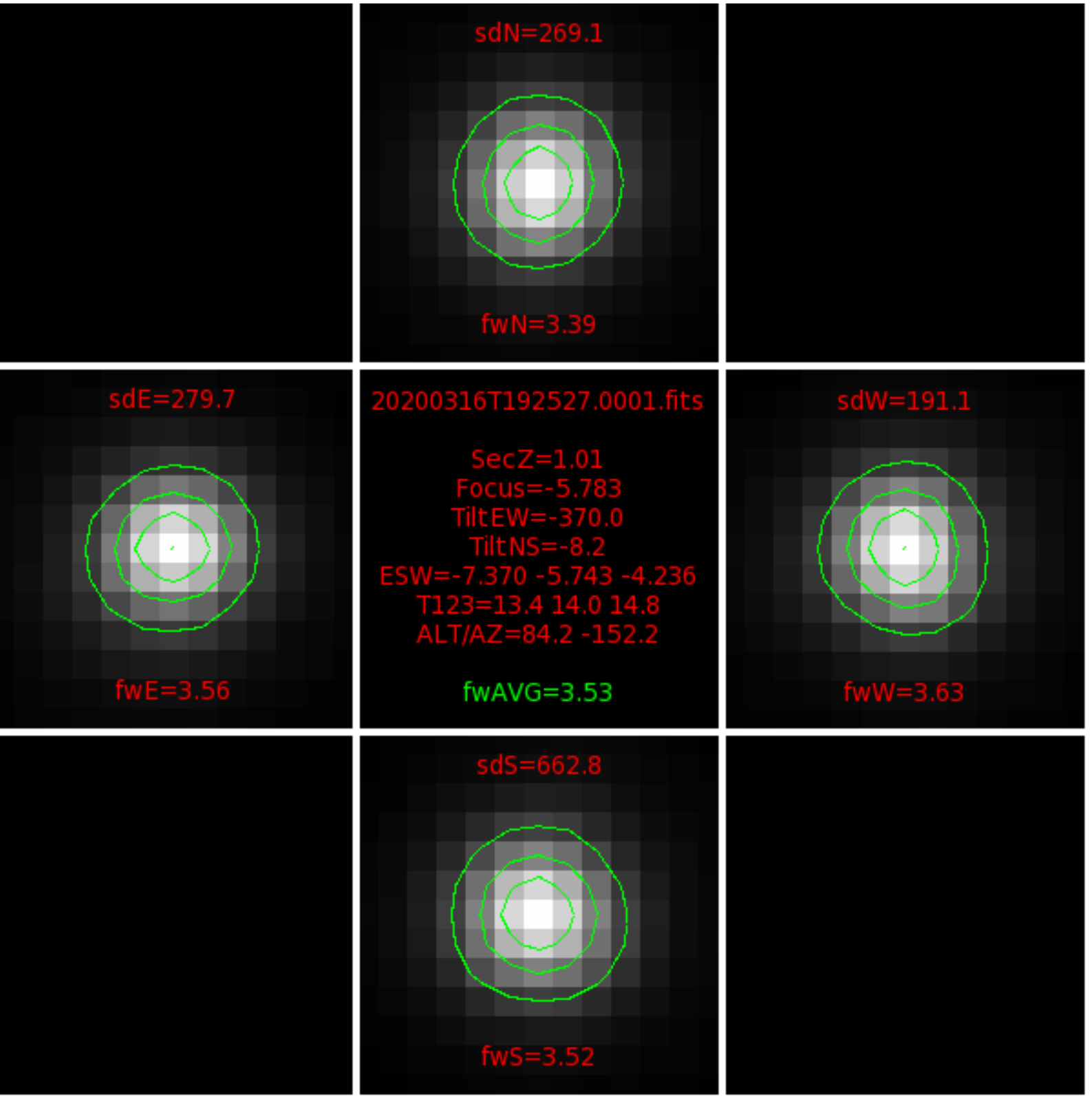
sdN=269.1
fwN=3.39
sdE=279.7
fwE=3.56
20200316T192527.0001.fits
SecZ=1.01
Focus=-5.783
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.370 -5.743 -4.236
T123=13.4 14.0 14.8
ALT/AZ=84.2 -152.2
fwAVG=3.53
sdW=191.1
fwW=3.63
sdS=662.8
fwS=3.52
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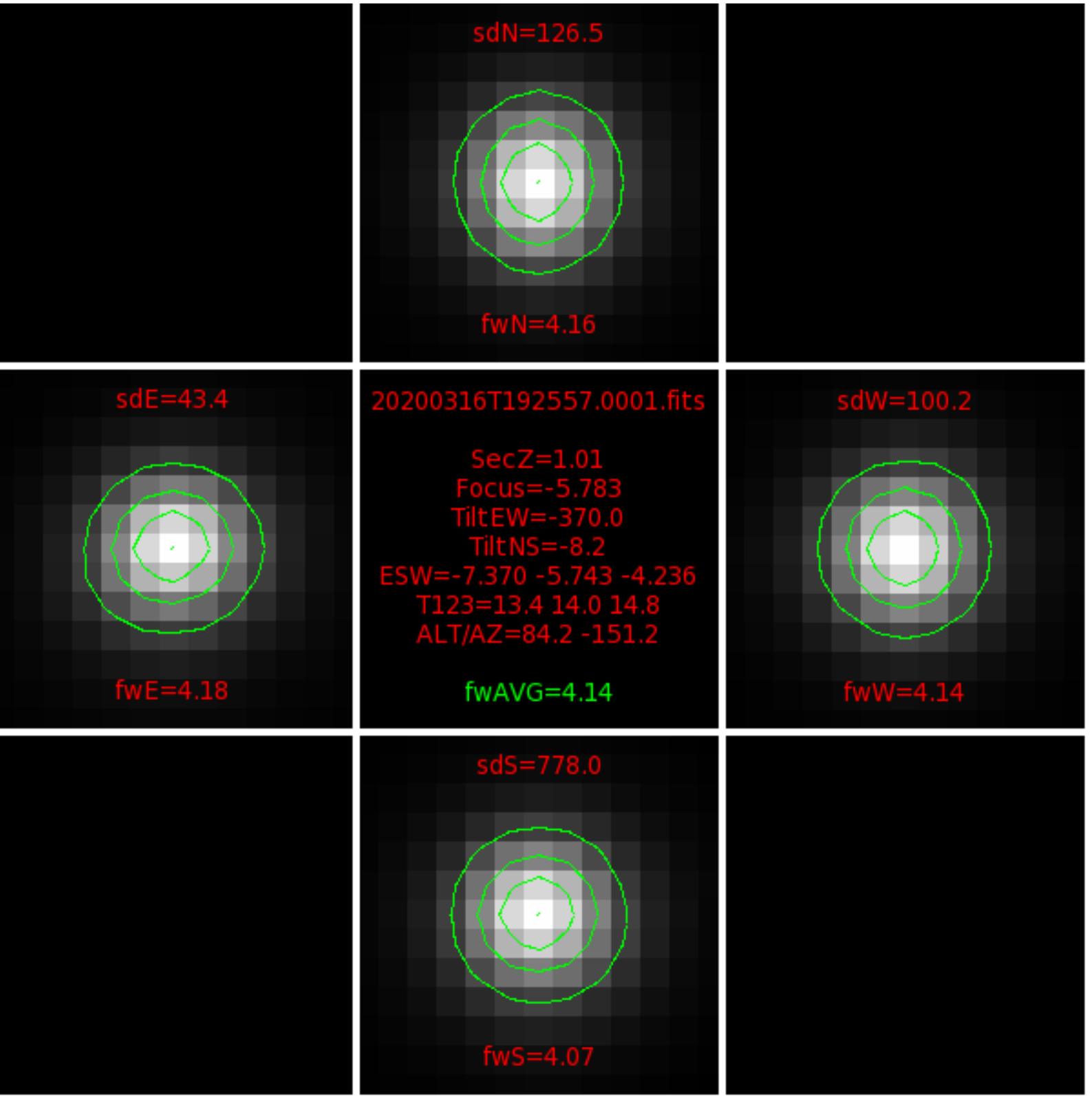
sdN=126.5
fwN=4.16
sdE=43.4
fwE=4.18
20200316T192557.0001.fits
SecZ=1.01
Focus=-5.783
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.370 -5.743 -4.236
T123=13.4 14.0 14.8
ALT/AZ=84.2 -151.2
fwAVG=4.14
sdW=100.2
fwW=4.14
sdS=778.0
fwS=4.07
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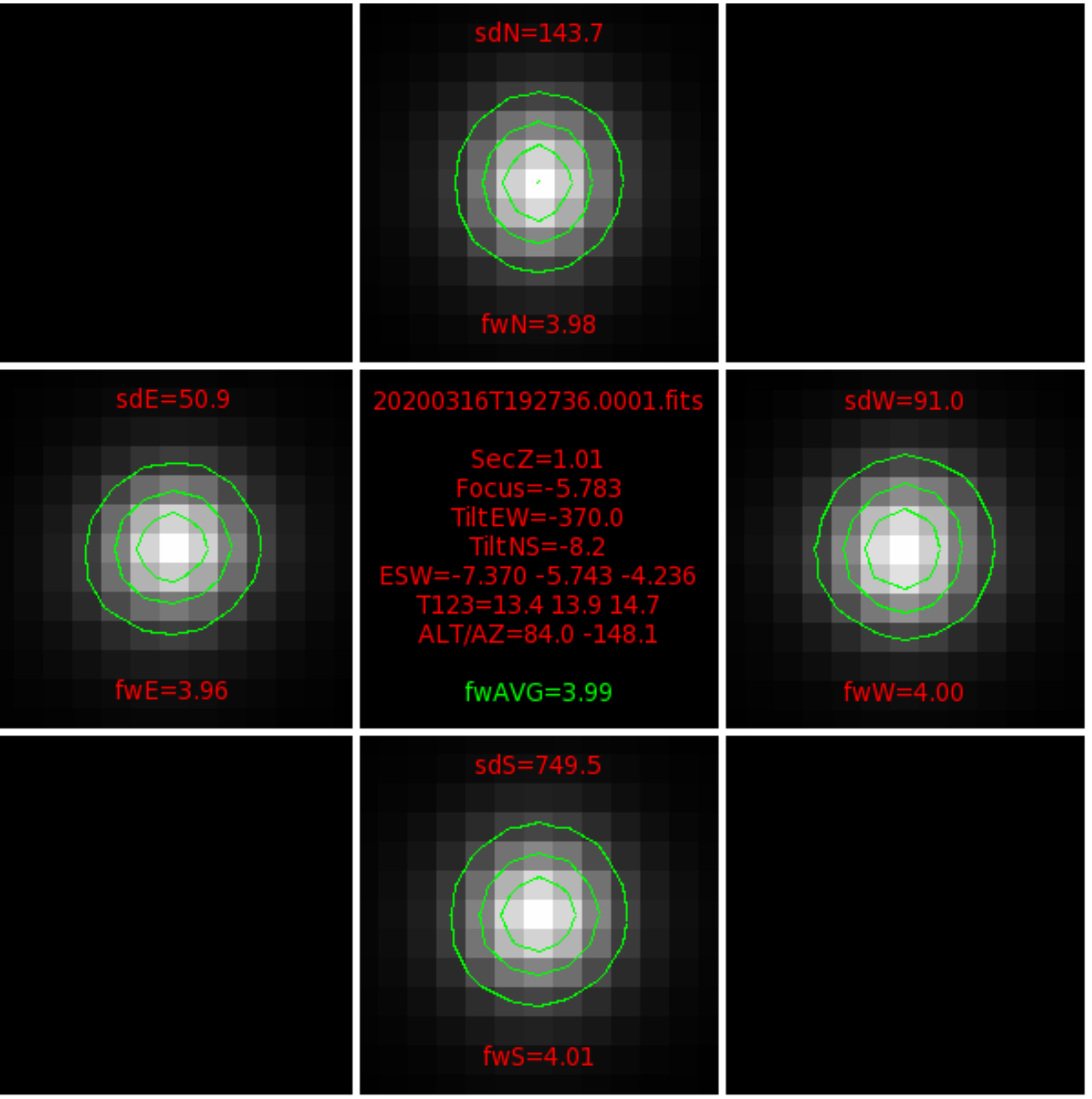
sdN=143.7
fwN=3.98
sdE=50.9
fwE=3.96
20200316T192736.0001.fits
SecZ=1.01
Focus=-5.783
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.370 -5.743 -4.236
T123=13.4 13.9 14.7
ALT/AZ=84.0 -148.1
fwAVG=3.99
sdW=91.0
fwW=4.00
sdS=749.5
fwS=4.01
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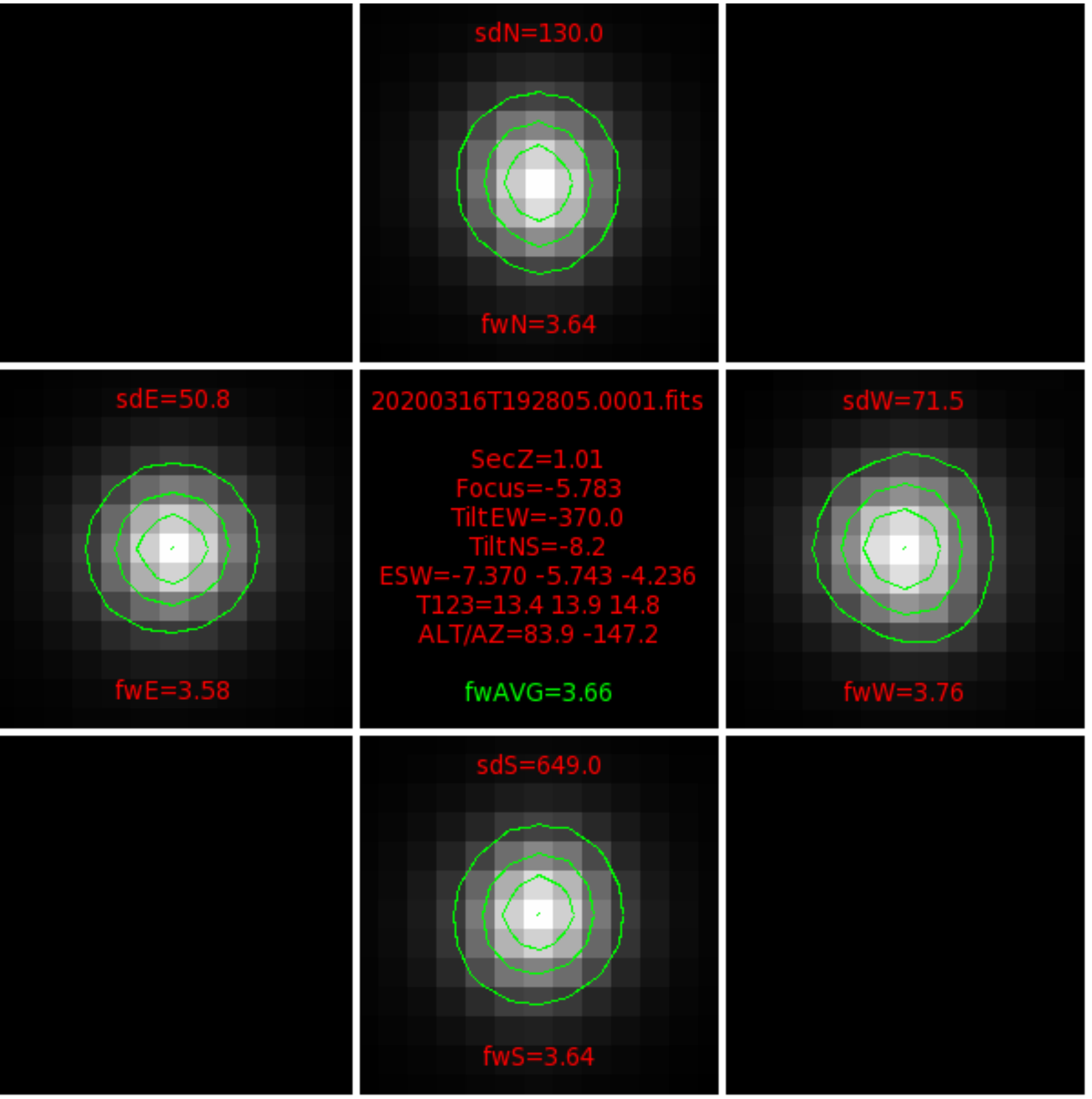
sdN=130.0
fwN=3.64
sdE=50.8
fwE=3.58
20200316T192805.0001.fits
SecZ=1.01
Focus=-5.783
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.370 -5.743 -4.236
T123=13.4 13.9 14.8
ALT/AZ=83.9 -147.2
fwAVG=3.66
sdW=71.5
fwW=3.76
sdS=649.0
fwS=3.64
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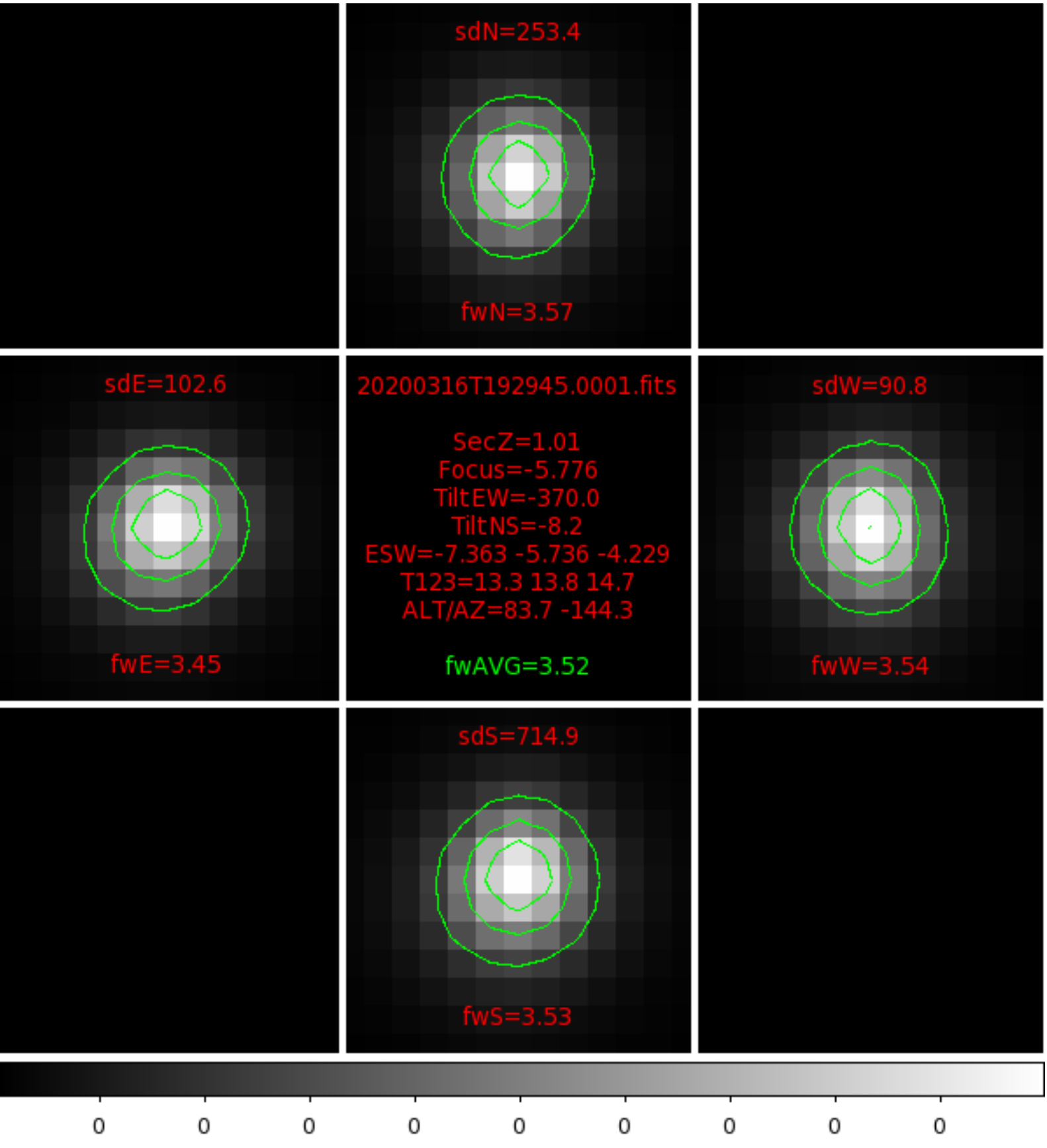
sdN=253.4
fwN=3.57
sdE=102.6
fwE=3.45
20200316T192945.0001.fits
SecZ=1.01
Focus=-5.776
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.363 -5.736 -4.229
T123=13.3 13.8 14.7
ALT/AZ=83.7 -144.3
fwAVG=3.52
sdW=90.8
fwW=3.54
sdS=714.9
fwS=3.53
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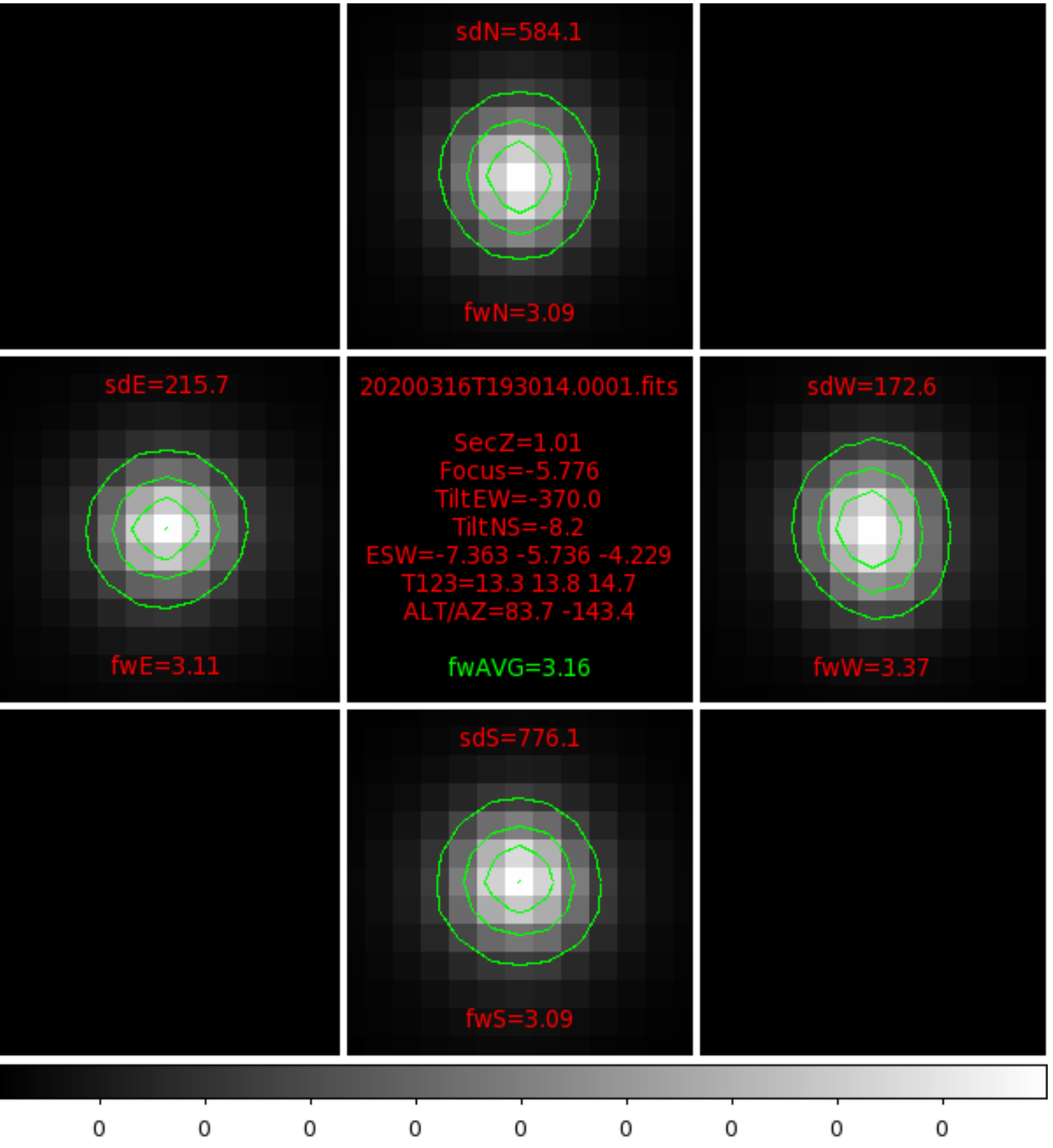
sdN=584.1
fwN=3.09
sdE=215.7
fwE=3.11
20200316T193014.0001.fits
SecZ=1.01
Focus=-5.776
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.363 -5.736 -4.229
T123=13.3 13.8 14.7
ALT/AZ=83.7 -143.4
fwAVG=3.16
sdW=172.6
fwW=3.37
sdS=776.1
fwS=3.09
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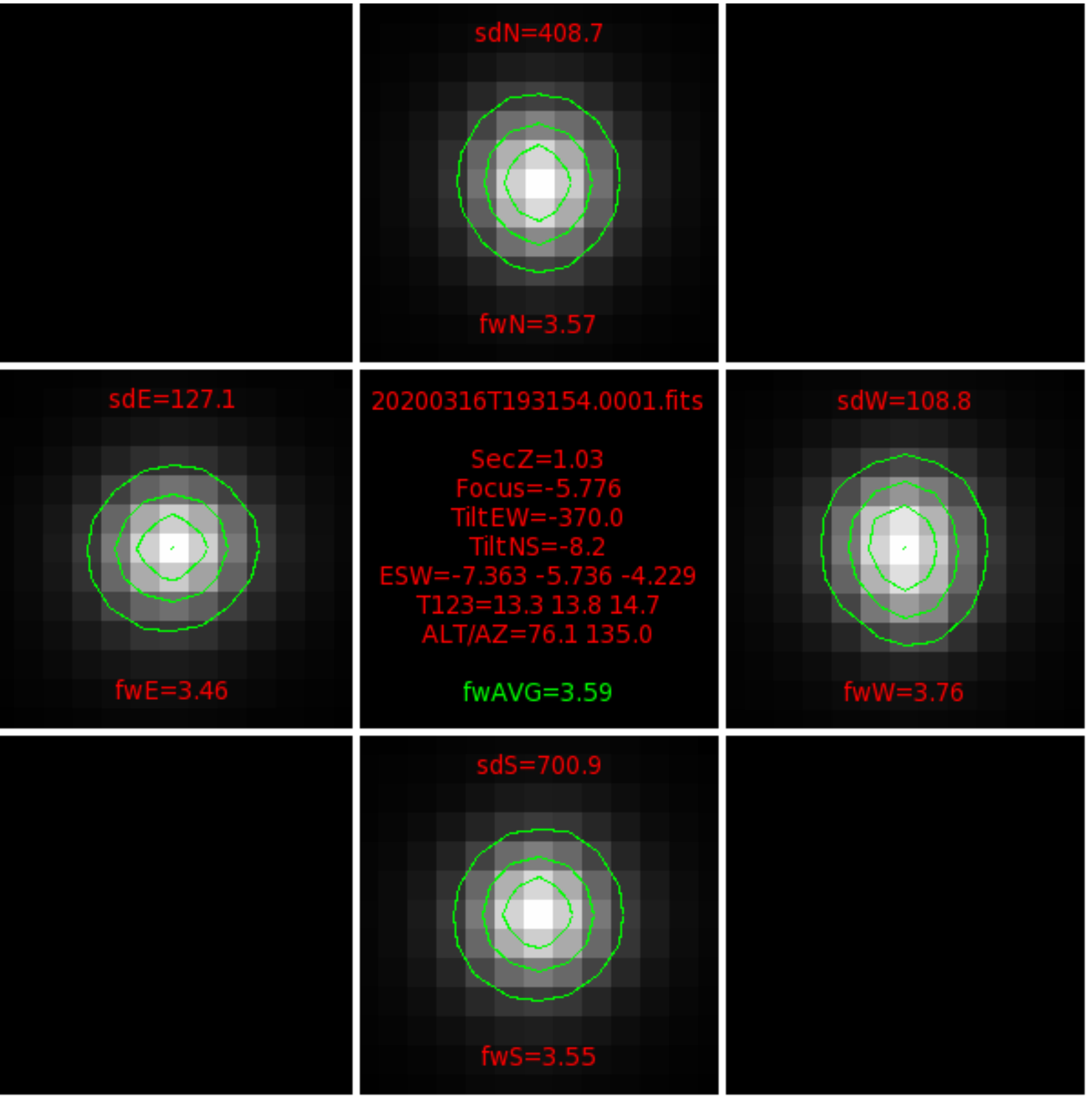
sdN=408.7
fwN=3.57
sdE=127.1
fwE=3.46
20200316T193154.0001.fits
SecZ=1.03
Focus=-5.776
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.363 -5.736 -4.229
T123=13.3 13.8 14.7
ALT/AZ=76.1 135.0
fwAVG=3.59
sdW=108.8
fwW=3.76
sdS=700.9
fwS=3.55
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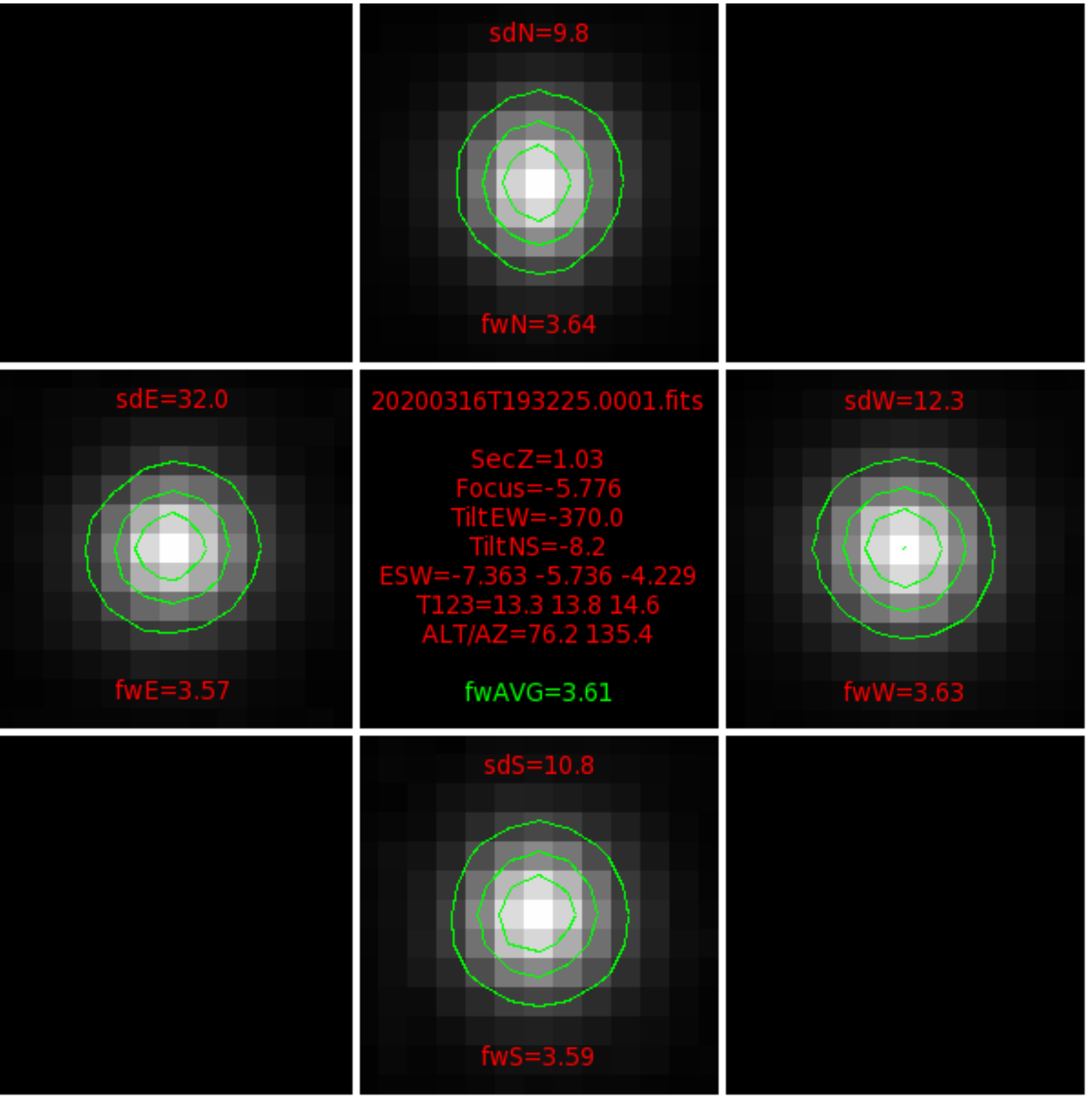
sdN=9.8
fwN=3.64
sdE=32.0
fwE=3.57
20200316T193225.0001.fits
SecZ=1.03
Focus=-5.776
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.363 -5.736 -4.229
T123=13.3 13.8 14.6
ALT/AZ=76.2 135.4
fwAVG=3.61
sdW=12.3
fwW=3.63
sdS=10.8
fwS=3.59
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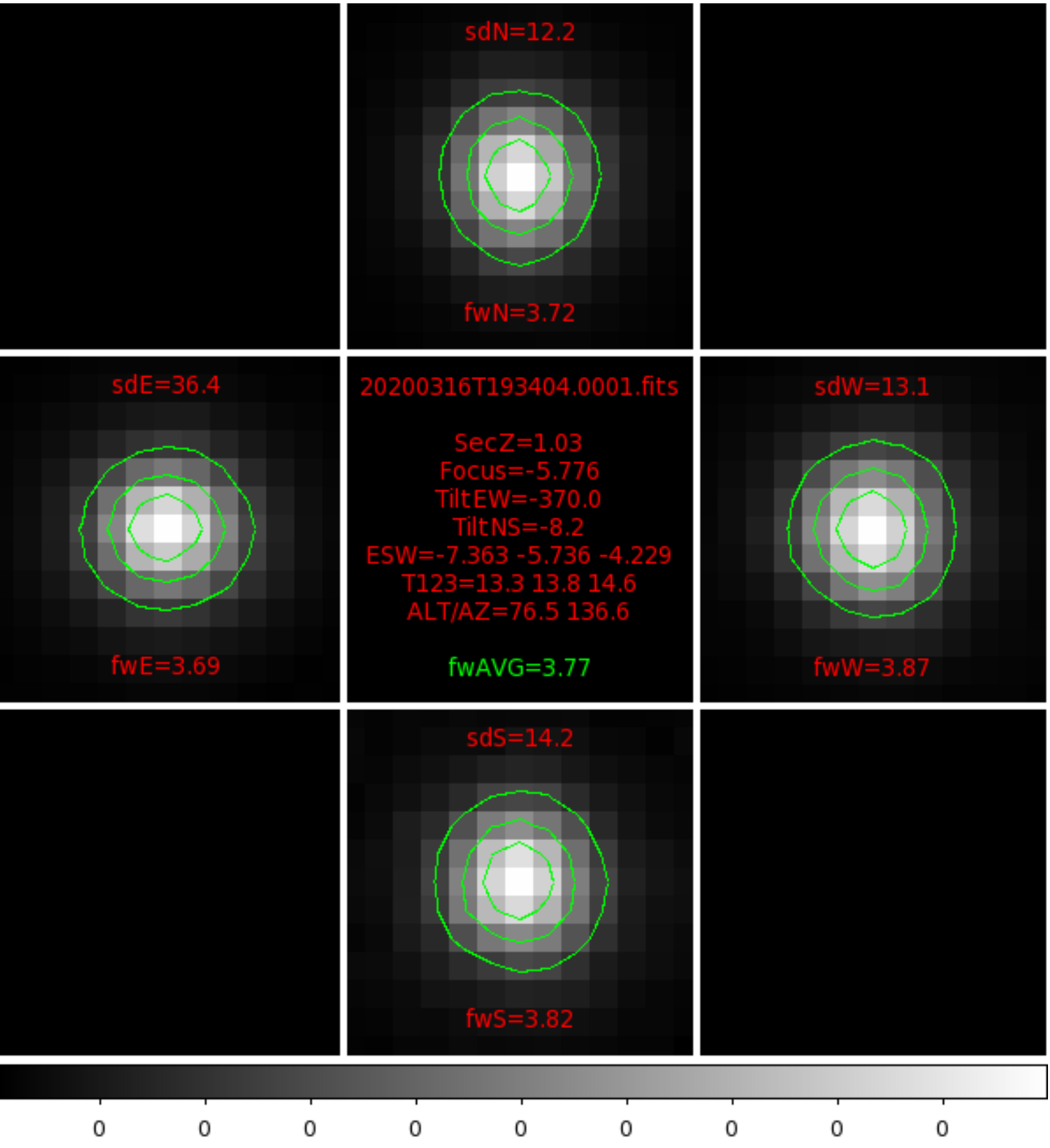
sdN=12.2
fwN=3.72
sdE=36.4
fwE=3.69
20200316T193404.0001.fits
SecZ=1.03
Focus=-5.776
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.363 -5.736 -4.229
T123=13.3 13.8 14.6
ALT/AZ=76.5 136.6
fwAVG=3.77
sdW=13.1
fwW=3.87
sdS=14.2
fwS=3.82
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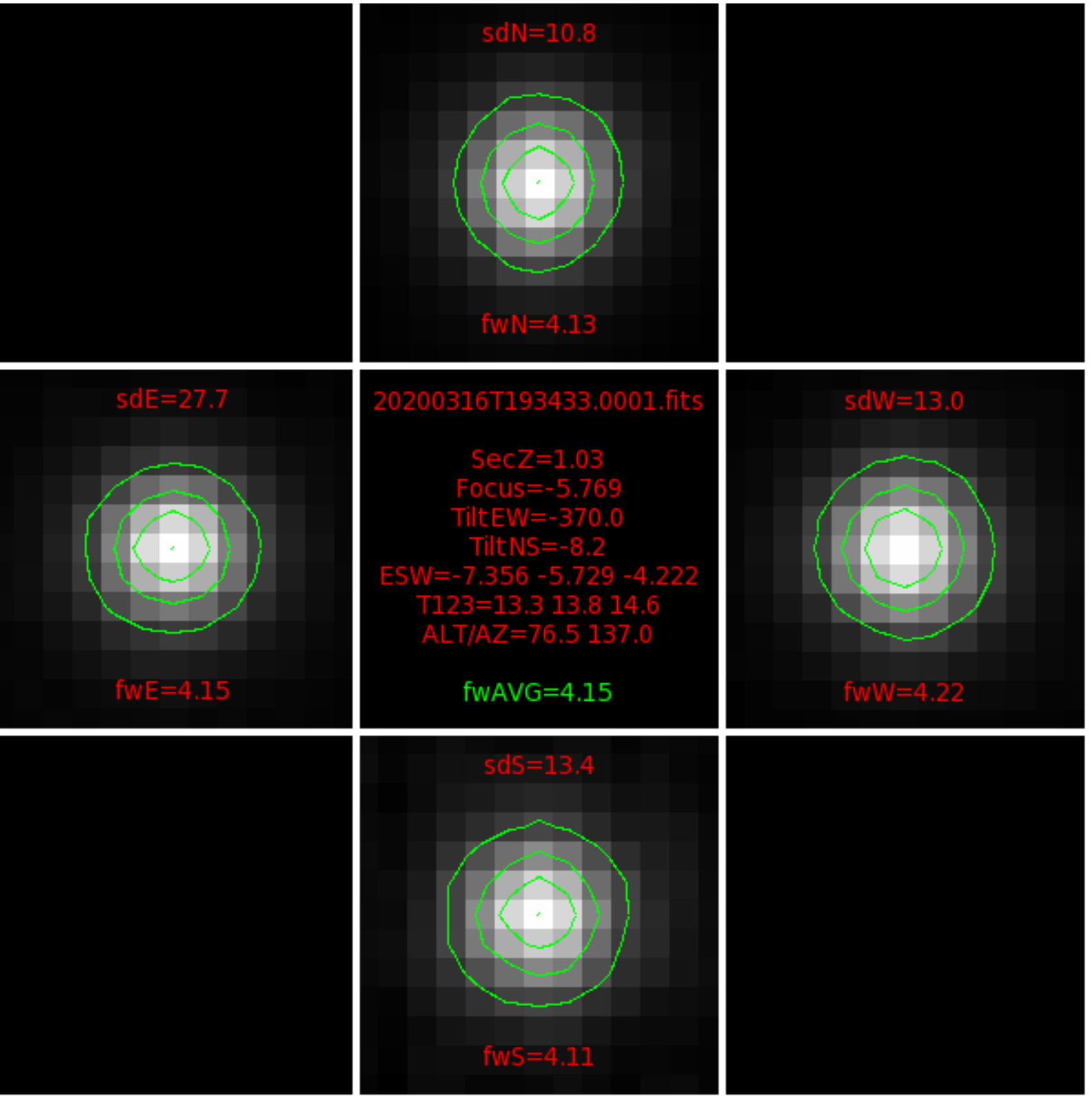
sdN=10.8
fwN=4.13
sdE=27.7
fwE=4.15
20200316T193433.0001.fits
SecZ=1.03
Focus=-5.769
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.356 -5.729 -4.222
T123=13.3 13.8 14.6
ALT/AZ=76.5 137.0
fwAVG=4.15
sdW=13.0
fwW=4.22
sdS=13.4
fwS=4.11
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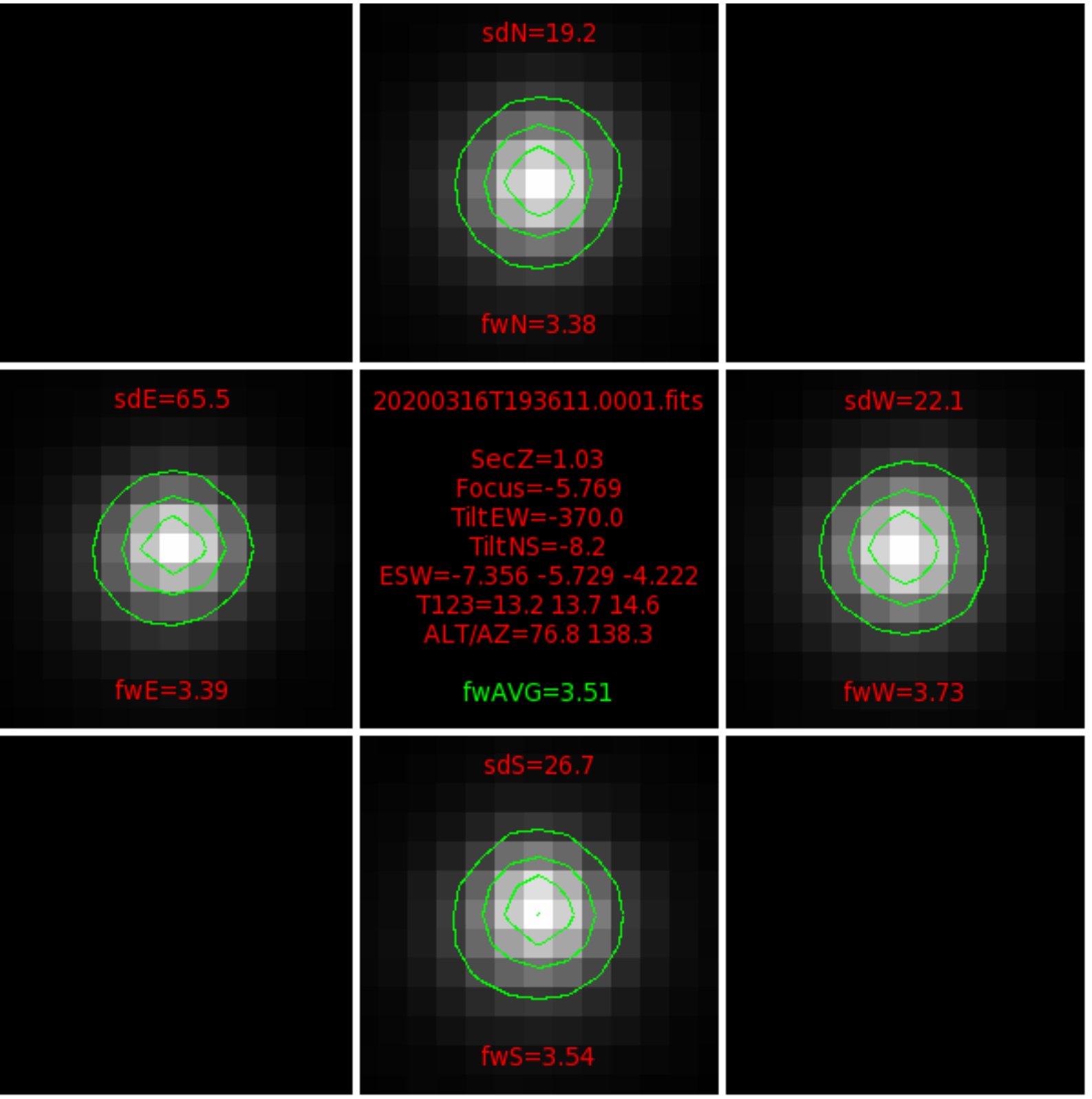
sdN=19.2
fwN=3.38
sdE=65.5
fwE=3.39
20200316T193611.0001.fits
SecZ=1.03
Focus=-5.769
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.356 -5.729 -4.222
T123=13.2 13.7 14.6
ALT/AZ=76.8 138.3
fwAVG=3.51
sdW=22.1
fwW=3.73
sdS=26.7
fwS=3.54
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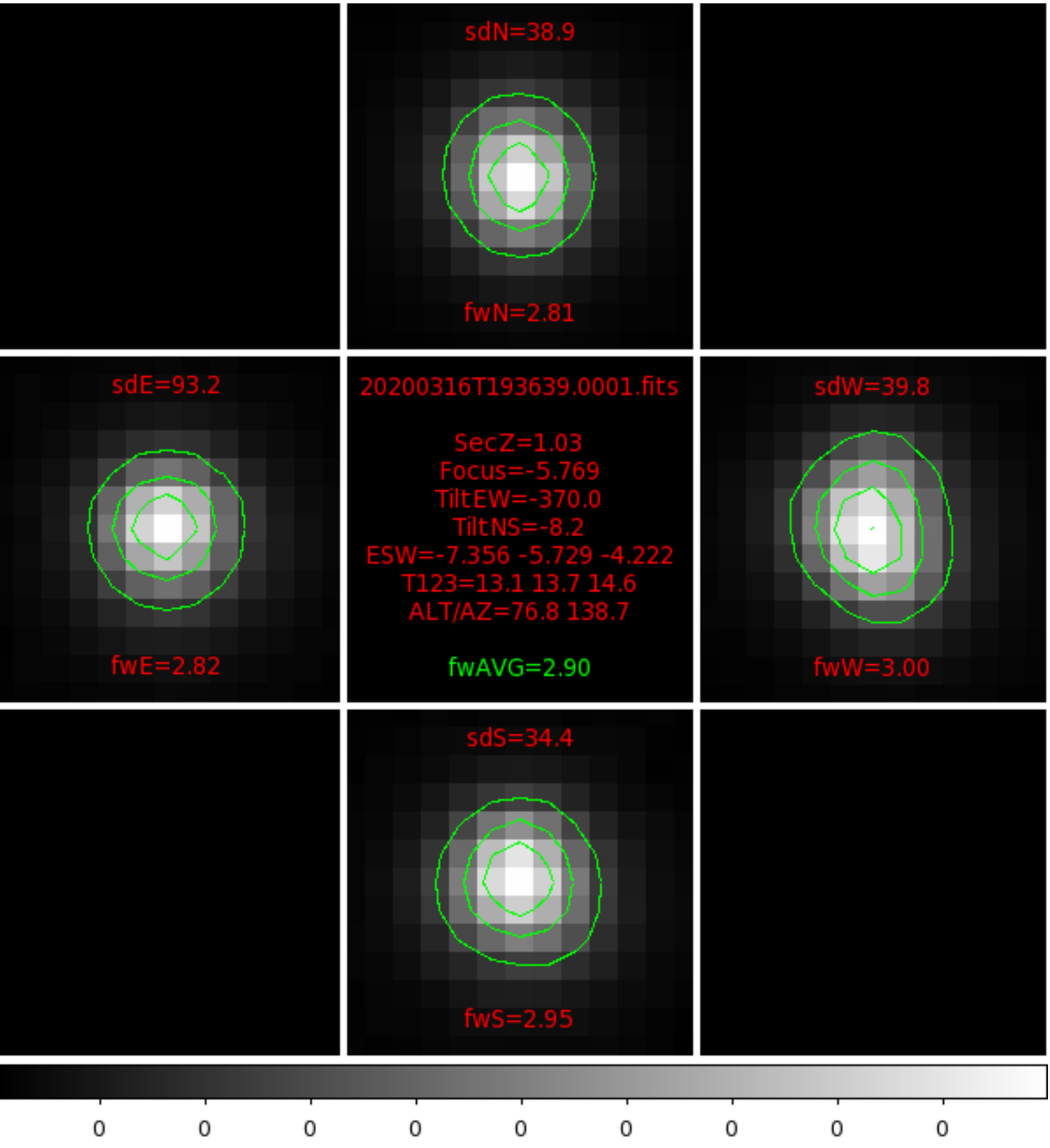
sdN=38.9
fwN=2.81
sdE=93.2
fwE=2.82
20200316T193639.0001.fits
SecZ=1.03
Focus=-5.769
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.356 -5.729 -4.222
T123=13.1 13.7 14.6
ALT/AZ=76.8 138.7
fwAVG=2.90
sdW=39.8
fwW=3.00
sdS=34.4
fwS=2.95
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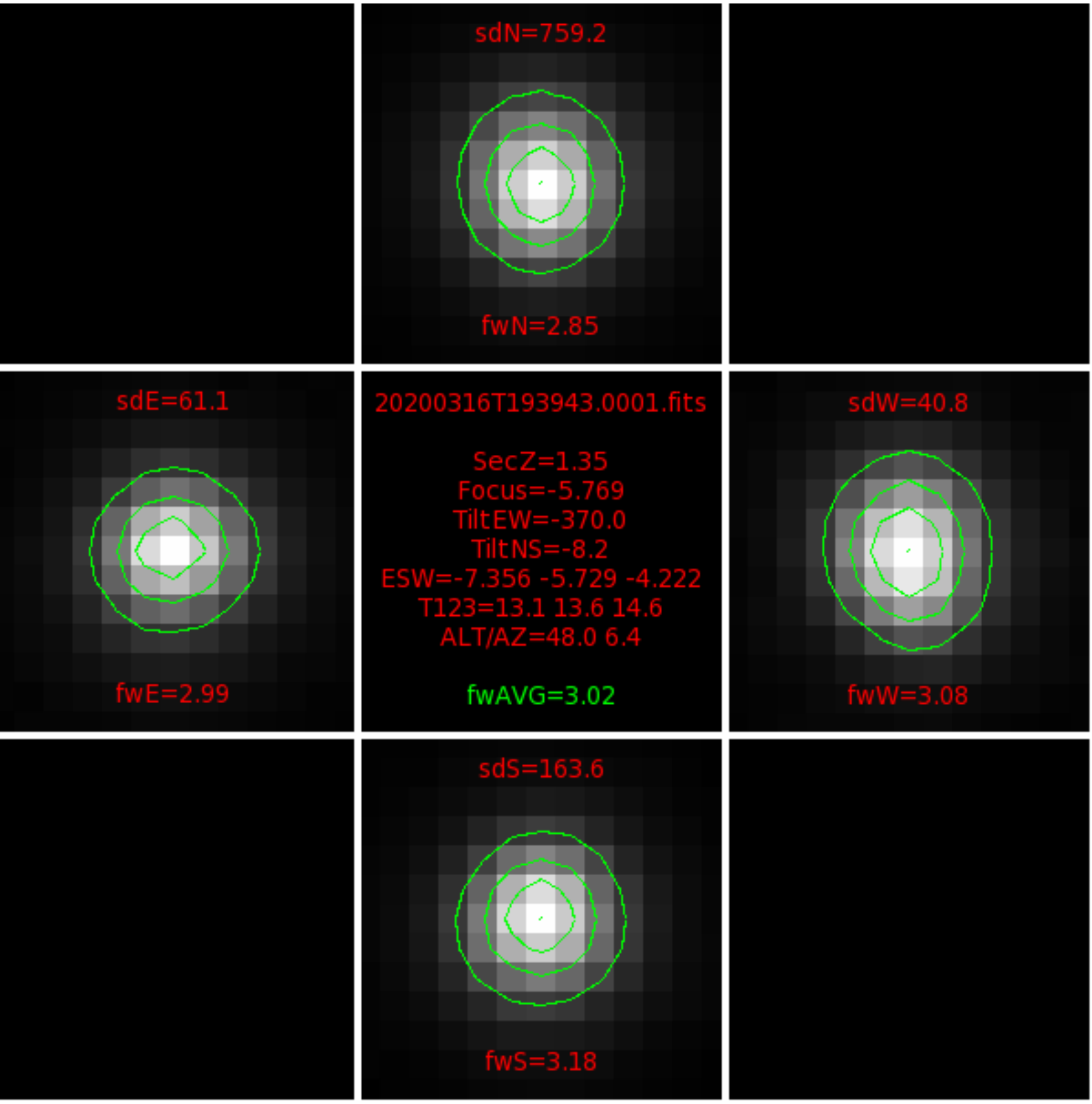
sdN=759.2
fwN=2.85
sdE=61.1
fwE=2.99
20200316T193943.0001.fits
SecZ=1.35
Focus=-5.769
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.356 -5.729 -4.222
T123=13.1 13.6 14.6
ALT/AZ=48.0 6.4
fwAVG=3.02
sdW=40.8
fwW=3.08
sdS=163.6
fwS=3.18
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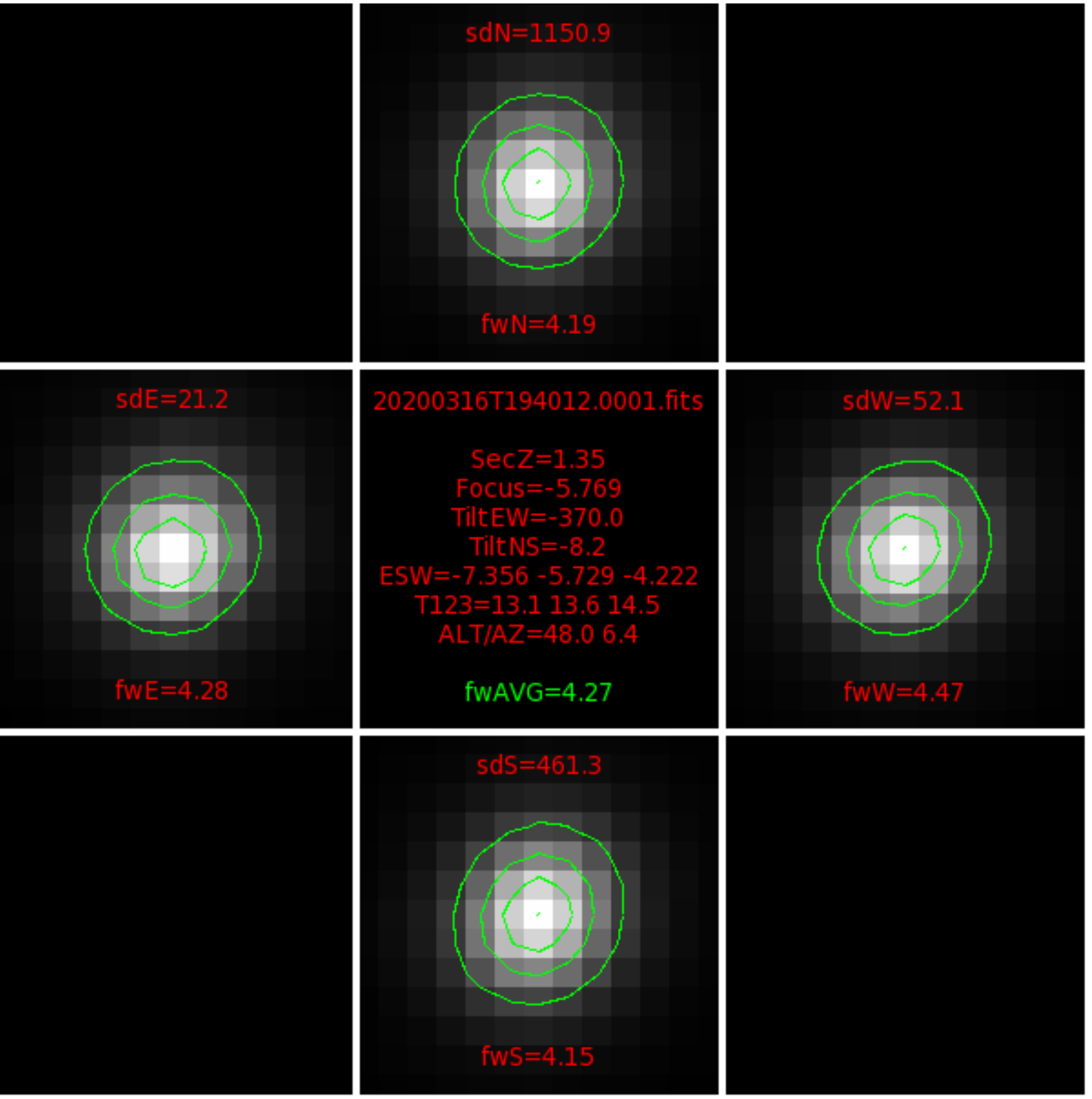
sdN=1150.9
fwN=4.19
sdE=21.2
fwE=4.28
20200316T194012.0001.fits
SecZ=1.35
Focus=-5.769
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.356 -5.729 -4.222
T123=13.1 13.6 14.5
ALT/AZ=48.0 6.4
fwAVG=4.27
sdW=52.1
fwW=4.47
sdS=461.3
fwS=4.15
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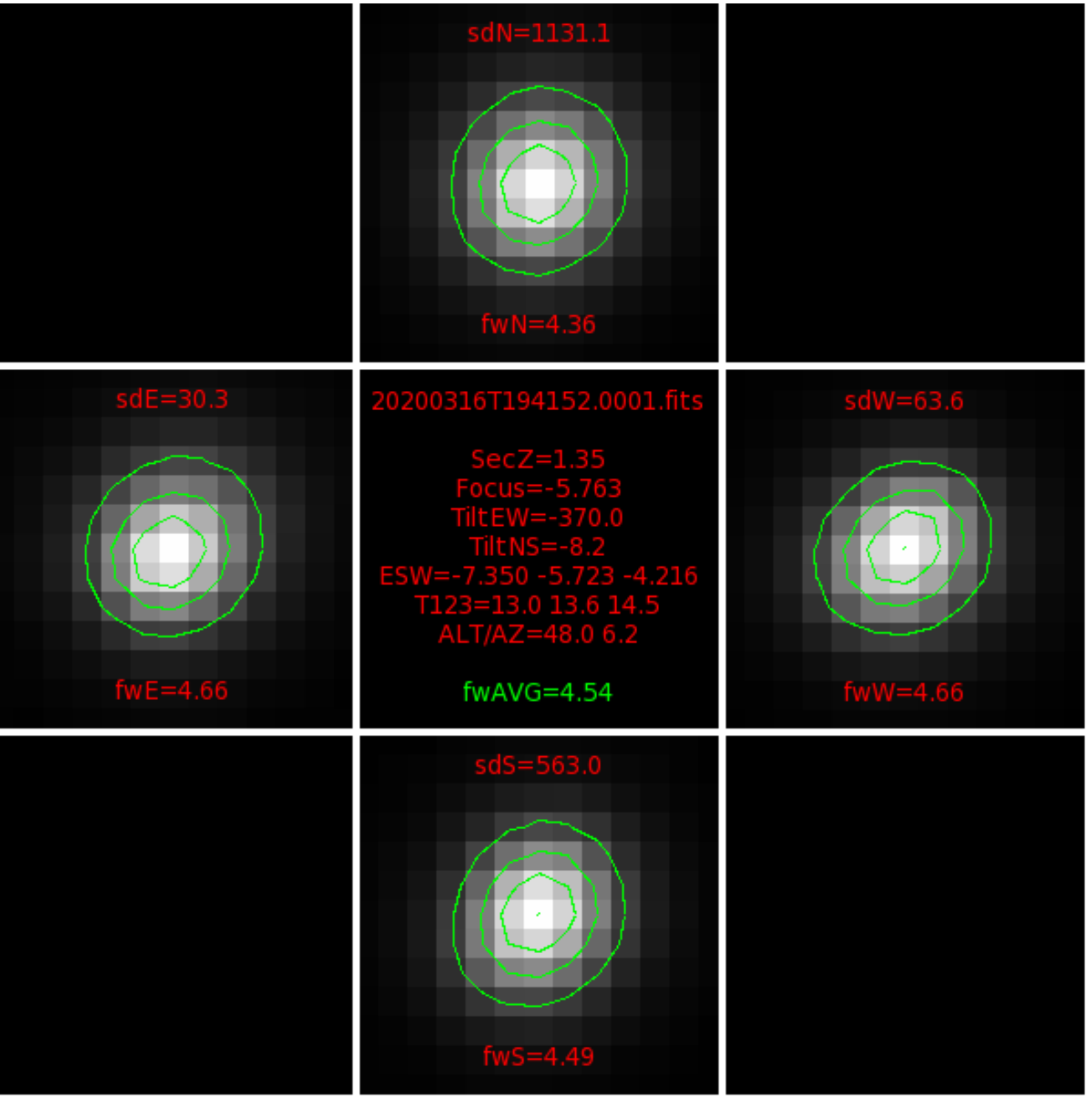
sdN=1131.1
fwN=4.36
sdE=30.3
fwE=4.66
20200316T194152.0001.fits
SecZ=1.35
Focus=-5.763
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.350 -5.723 -4.216
T123=13.0 13.6 14.5
ALT/AZ=48.0 6.2
fwAVG=4.54
sdW=63.6
fwW=4.66
sdS=563.0
fwS=4.49
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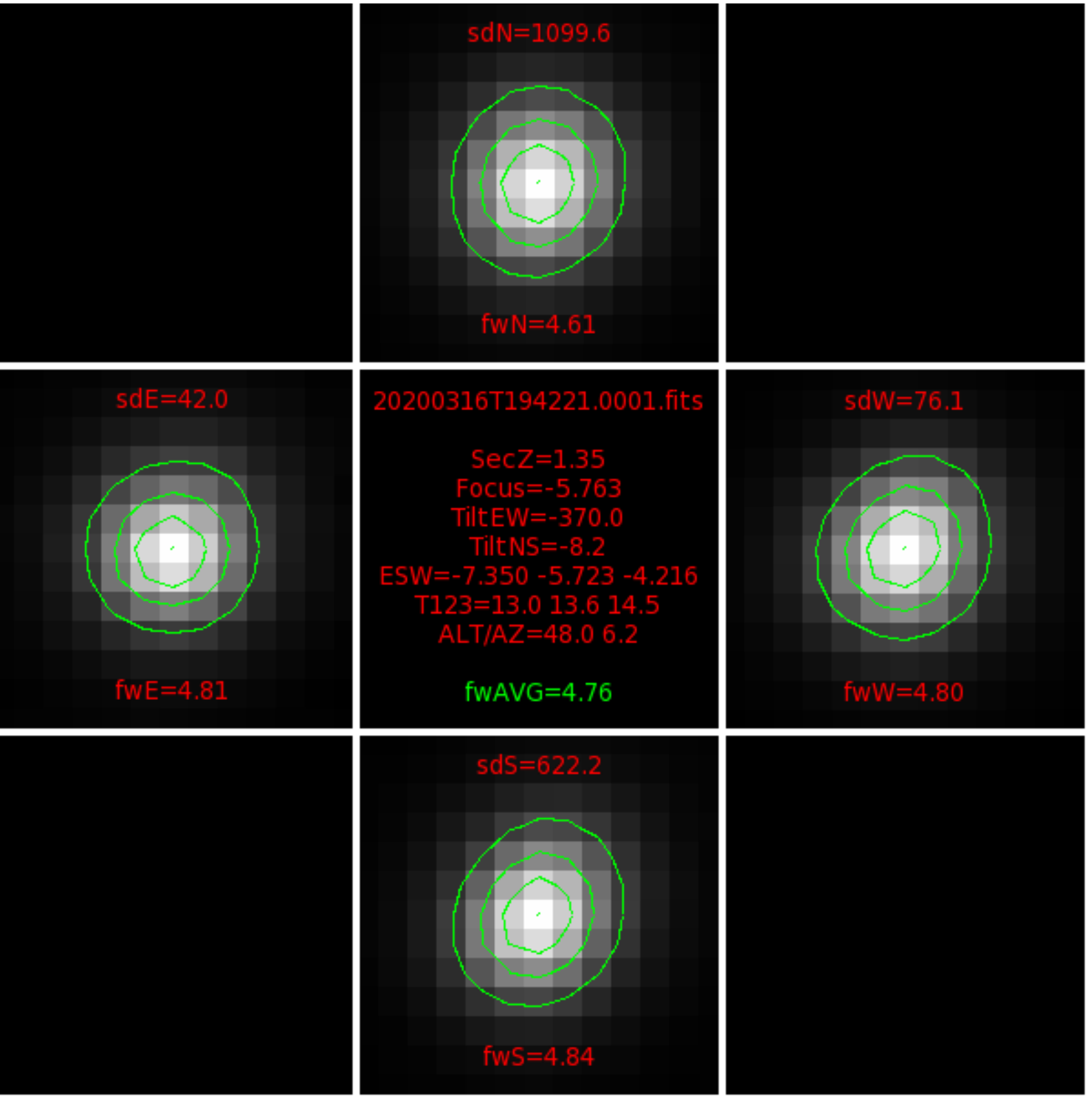
sdN=1099.6
fwN=4.61
sdE=42.0
fwE=4.81
20200316T194221.0001.fits
SecZ=1.35
Focus=-5.763
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.350 -5.723 -4.216
T123=13.0 13.6 14.5
ALT/AZ=48.0 6.2
fwAVG=4.76
sdW=76.1
fwW=4.80
sdS=622.2
fwS=4.84
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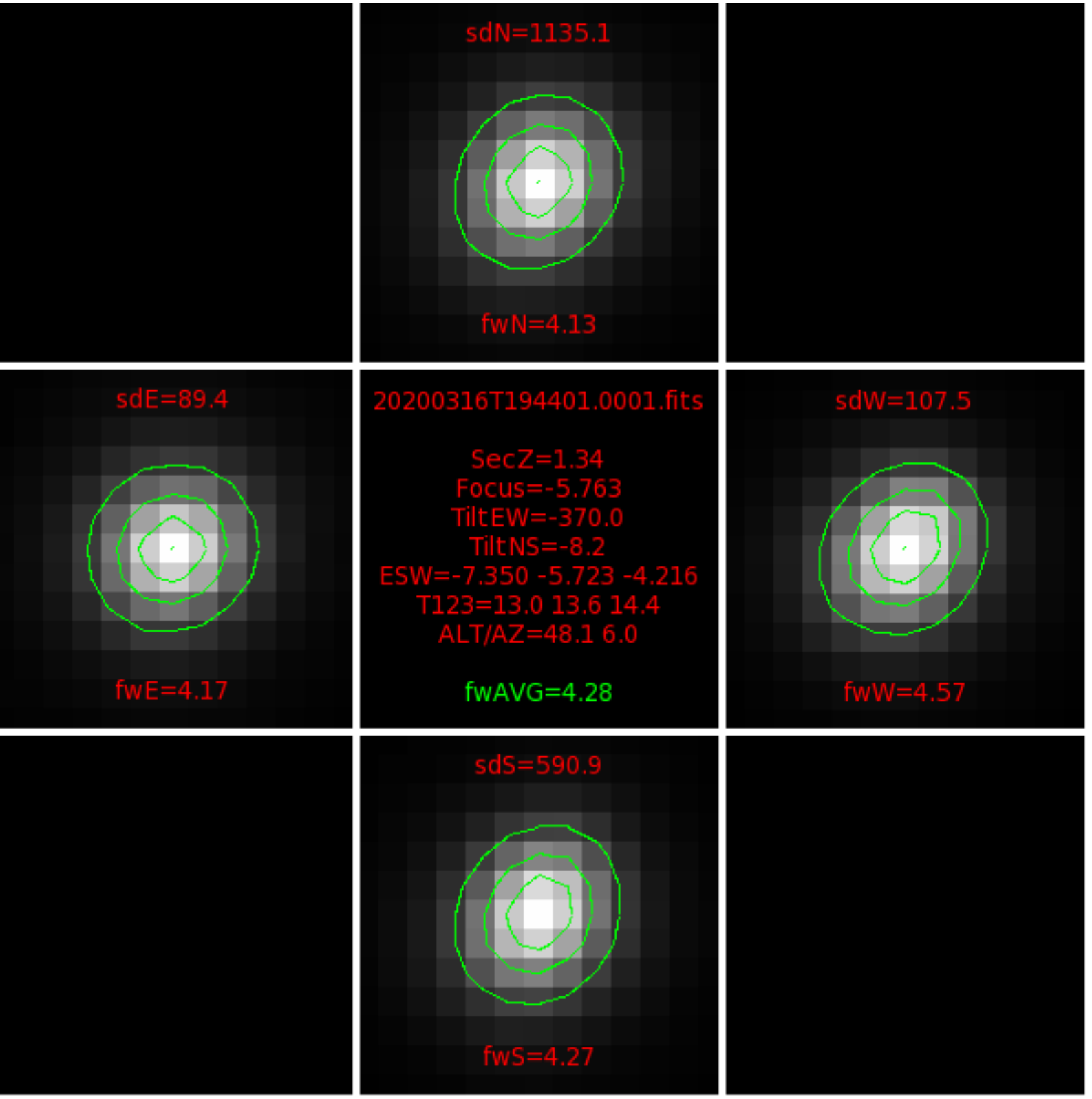
sdN=1135.1
fwN=4.13
sdE=89.4
fwE=4.17
20200316T194401.0001.fits
SecZ=1.34
Focus=-5.763
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.350 -5.723 -4.216
T123=13.0 13.6 14.4
ALT/AZ=48.1 6.0
fwAVG=4.28
sdW=107.5
fwW=4.57
sdS=590.9
fwS=4.27
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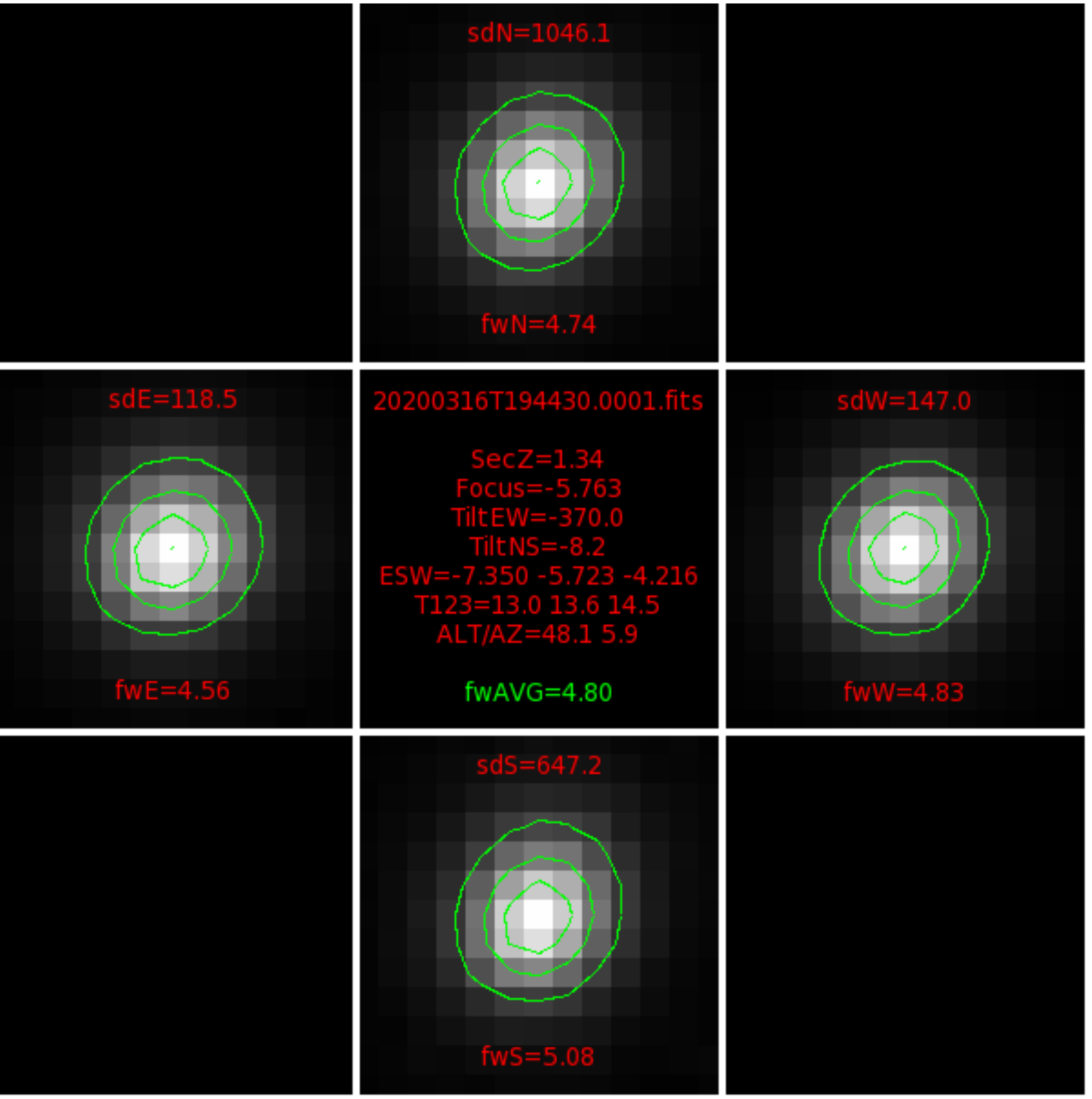
sdN=1046.1
fwN=4.74
sdE=118.5
fwE=4.56
20200316T194430.0001.fits
SecZ=1.34
Focus=-5.763
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.350 -5.723 -4.216
T123=13.0 13.6 14.5
ALT/AZ=48.1 5.9
fwAVG=4.80
sdW=147.0
fwW=4.83
sdS=647.2
fwS=5.08
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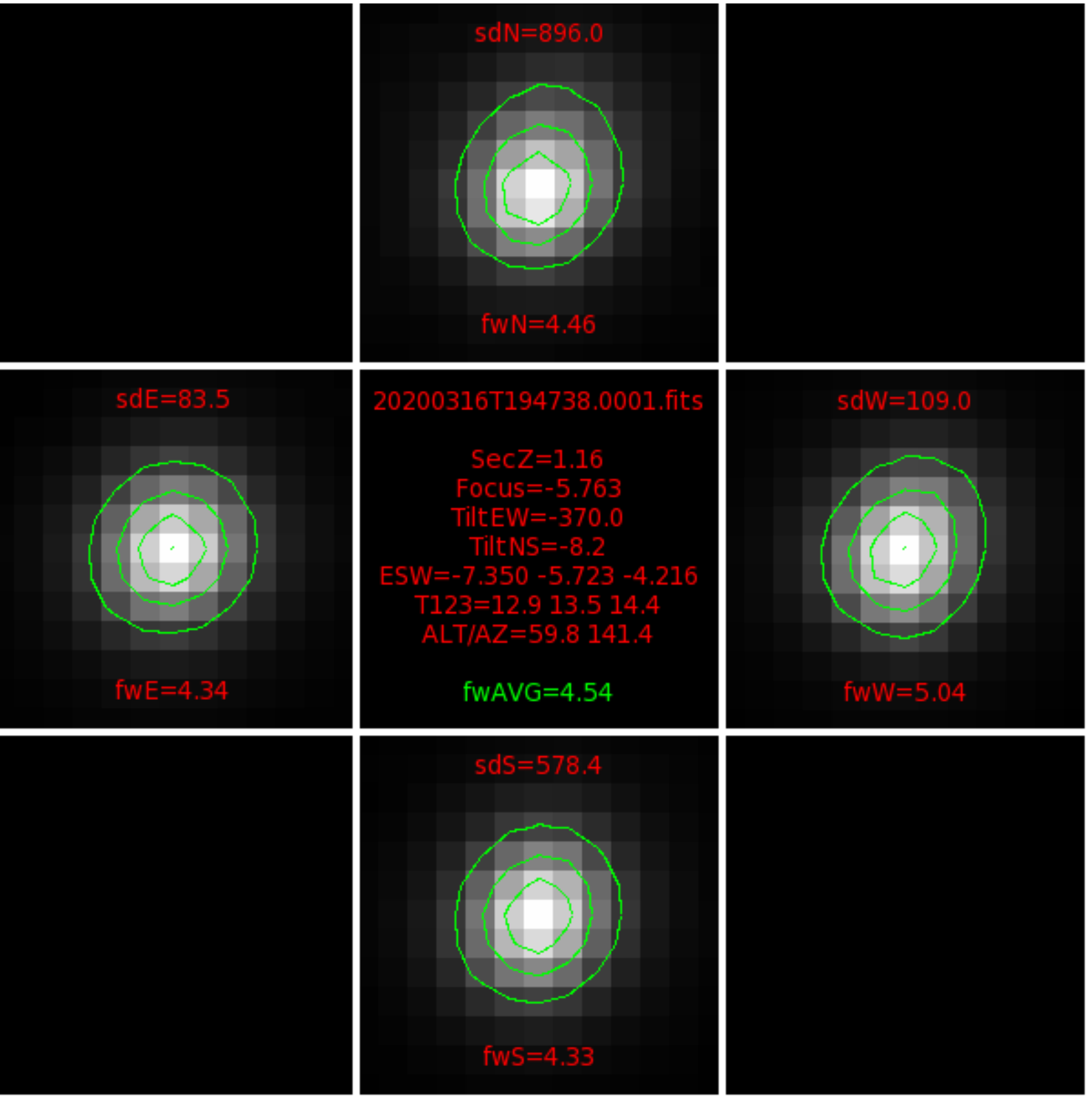
sdN=896.0
fwN=4.46
sdE=83.5
fwE=4.34
20200316T194738.0001.fits
SecZ=1.16
Focus=-5.763
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.350 -5.723 -4.216
T123=12.9 13.5 14.4
ALT/AZ=59.8 141.4
fwAVG=4.54
sdW=109.0
fwW=5.04
sdS=578.4
fwS=4.33
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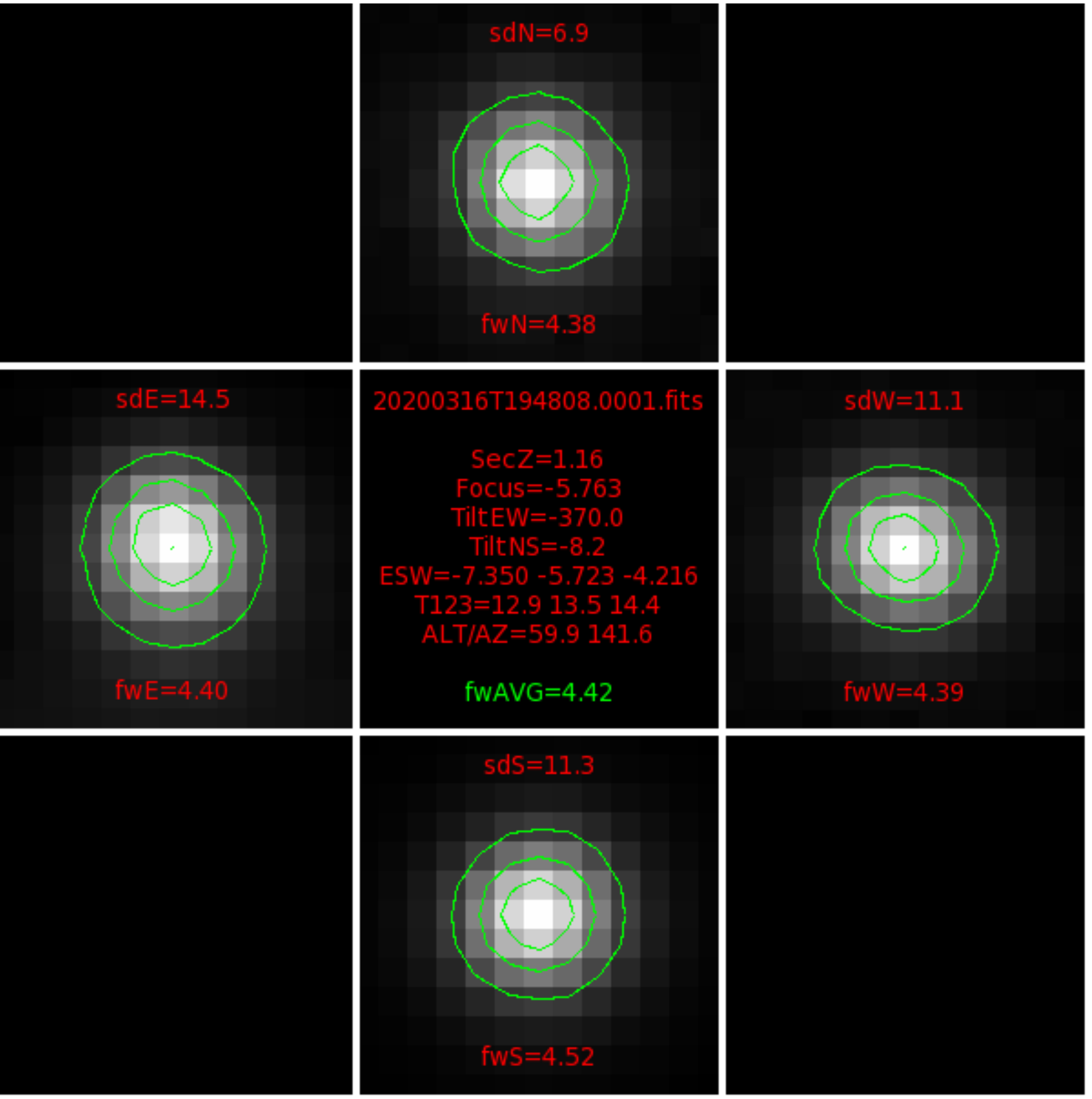
sdN=6.9
fwN=4.38
sdE=14.5
fwE=4.40
20200316T194808.0001.fits
SecZ=1.16
Focus=-5.763
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.350 -5.723 -4.216
T123=12.9 13.5 14.4
ALT/AZ=59.9 141.6
fwAVG=4.42
sdW=11.1
fwW=4.39
sdS=11.3
fwS=4.52
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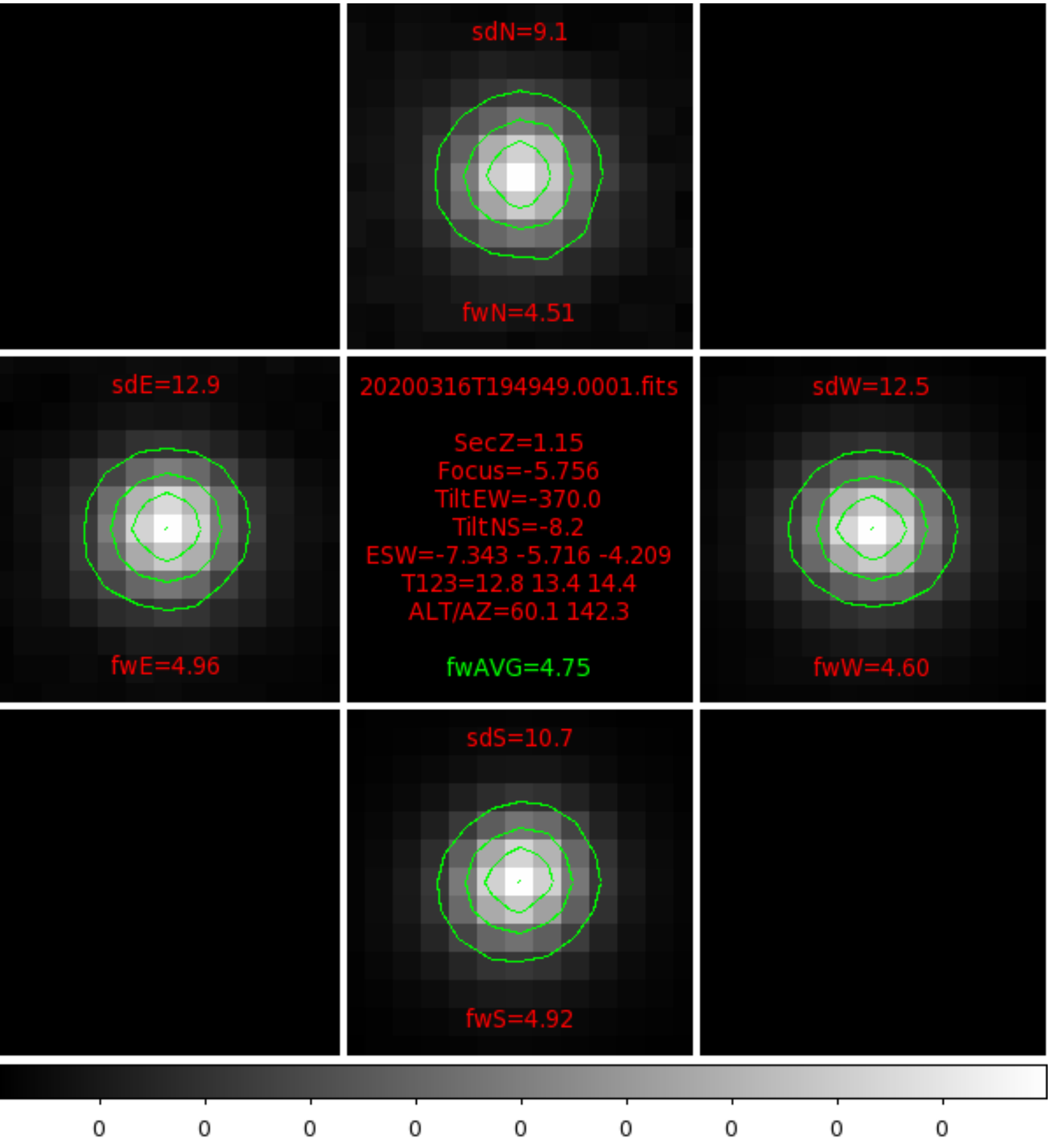
sdN=9.1
fwN=4.51
sdE=12.9
fwE=4.96
20200316T194949.0001.fits
SecZ=1.15
Focus=-5.756
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.343 -5.716 -4.209
T123=12.8 13.4 14.4
ALT/AZ=60.1 142.3
fwAVG=4.75
sdW=12.5
fwW=4.60
sdS=10.7
fwS=4.92
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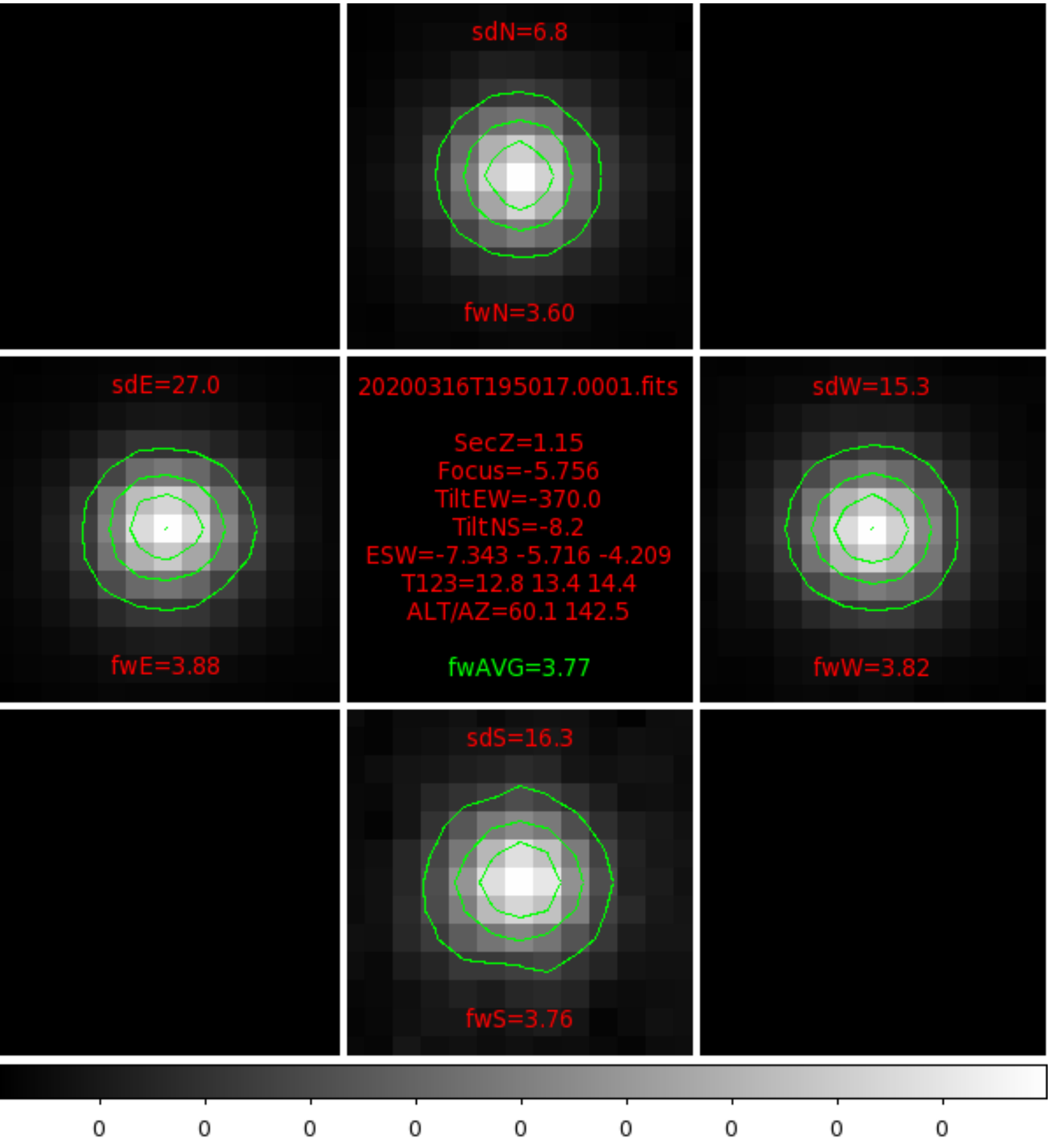
sdN=6.8
fwN=3.60
sdE=27.0
fwE=3.88
20200316T195017.0001.fits
SecZ=1.15
Focus=-5.756
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.343 -5.716 -4.209
T123=12.8 13.4 14.4
ALT/AZ=60.1 142.5
fwAVG=3.77
sdW=15.3
fwW=3.82
sdS=16.3
fwS=3.76
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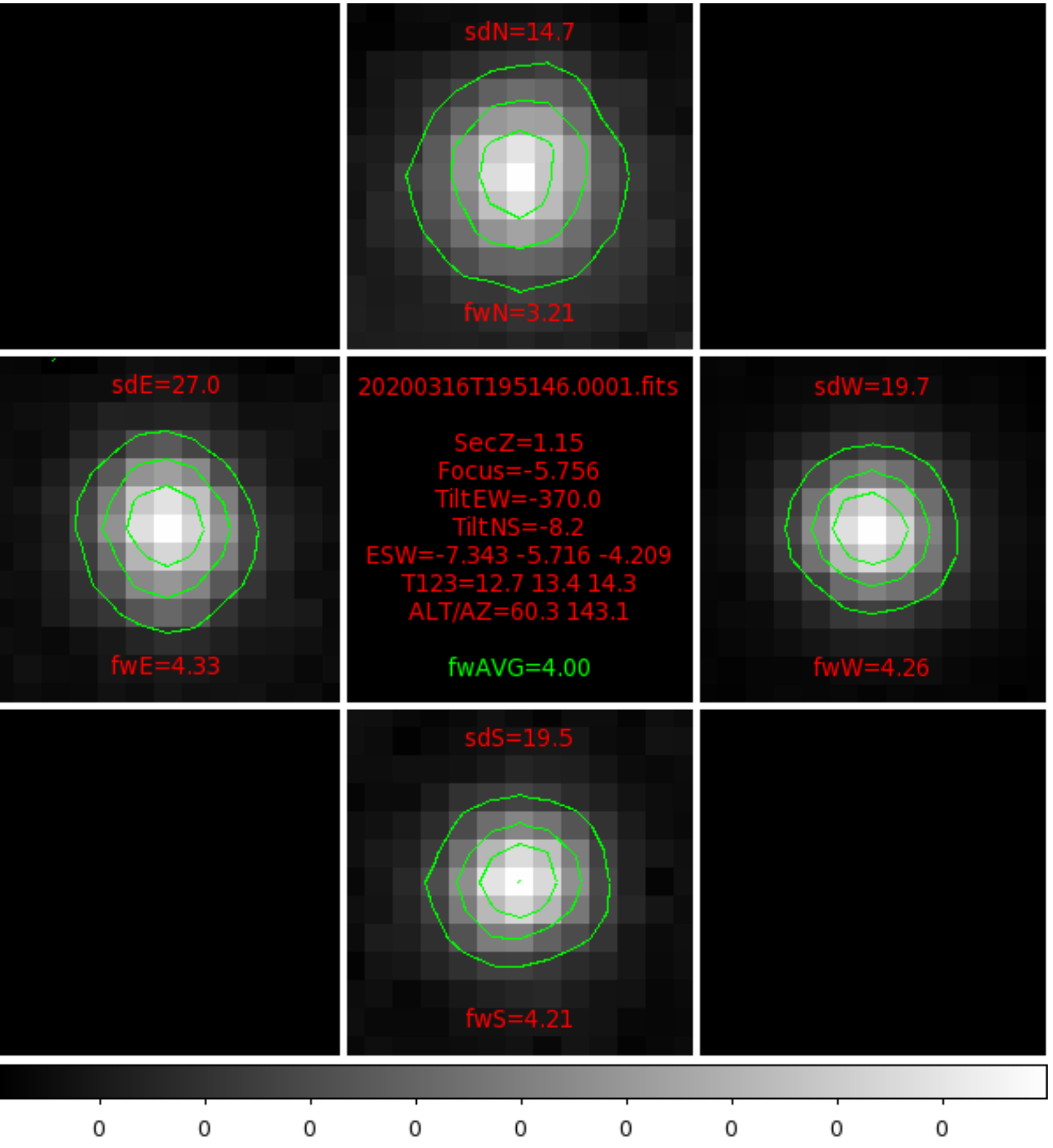
sdN=14.7
fwN=3.21
sdE=27.0
fwE=4.33
20200316T195146.0001.fits
SecZ=1.15
Focus=-5.756
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.343 -5.716 -4.209
T123=12.7 13.4 14.3
ALT/AZ=60.3 143.1
fwAVG=4.00
sdW=19.7
fwW=4.26
sdS=19.5
fwS=4.21
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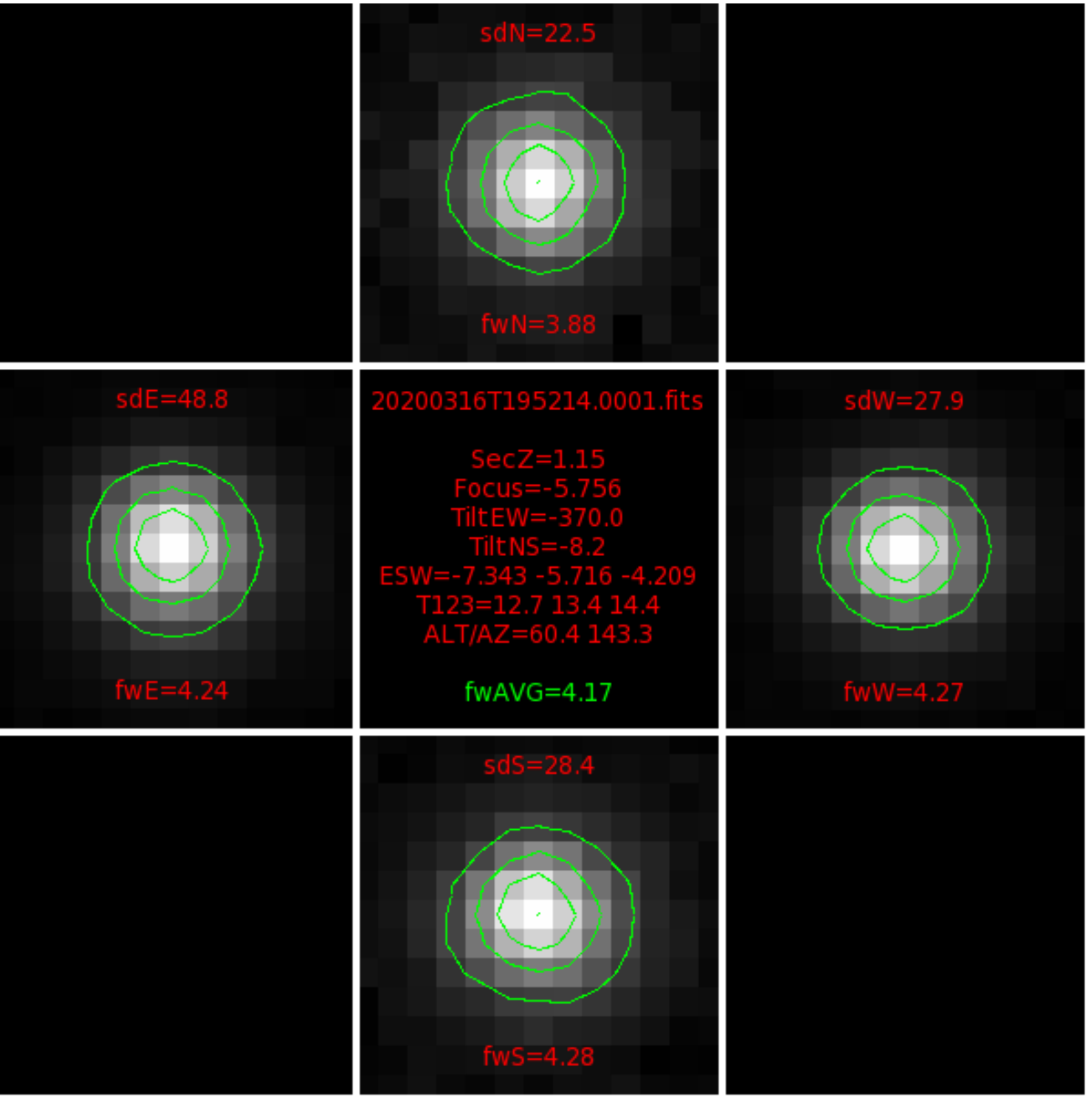
sdN=22.5
fwN=3.88
sdE=48.8
fwE=4.24
20200316T195214.0001.fits
SecZ=1.15
Focus=-5.756
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.343 -5.716 -4.209
T123=12.7 13.4 14.4
ALT/AZ=60.4 143.3
fwAVG=4.17
sdW=27.9
fwW=4.27
sdS=28.4
fwS=4.28
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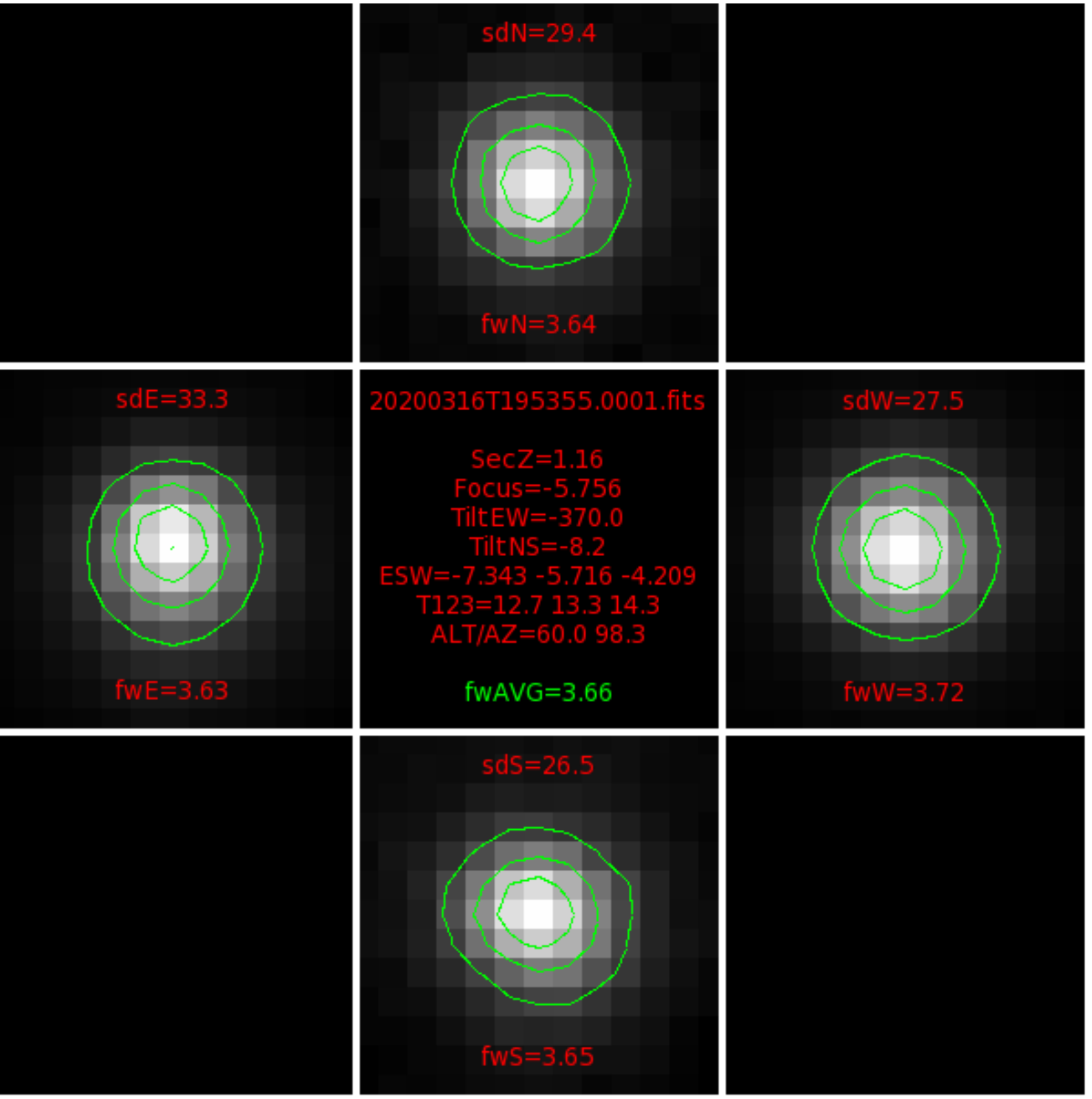
sdN=29.4
fwN=3.64
sdE=33.3
fwE=3.63
20200316T195355.0001.fits
SecZ=1.16
Focus=-5.756
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.343 -5.716 -4.209
T123=12.7 13.3 14.3
ALT/AZ=60.0 98.3
fwAVG=3.66
sdW=27.5
fwW=3.72
sdS=26.5
fwS=3.65
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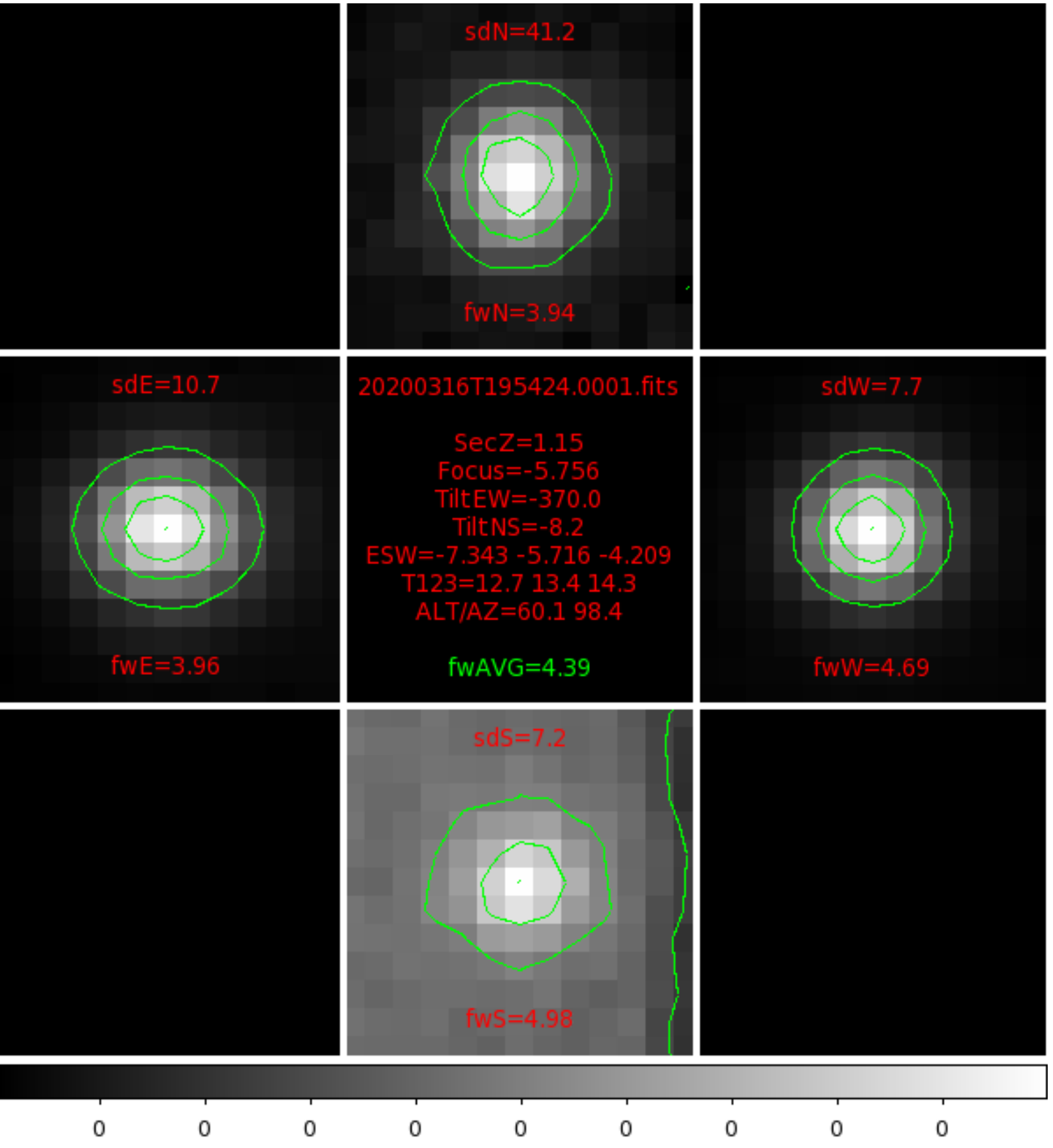
sdN=41.2
fwN=3.94
sdE=10.7
fwE=3.96
20200316T195424.0001.fits
SecZ=1.15
Focus=-5.756
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.343 -5.716 -4.209
T123=12.7 13.4 14.3
ALT/AZ=60.1 98.4
fwAVG=4.39
sdW=7.7
fwW=4.69
sdS=7.2
fwS=4.98
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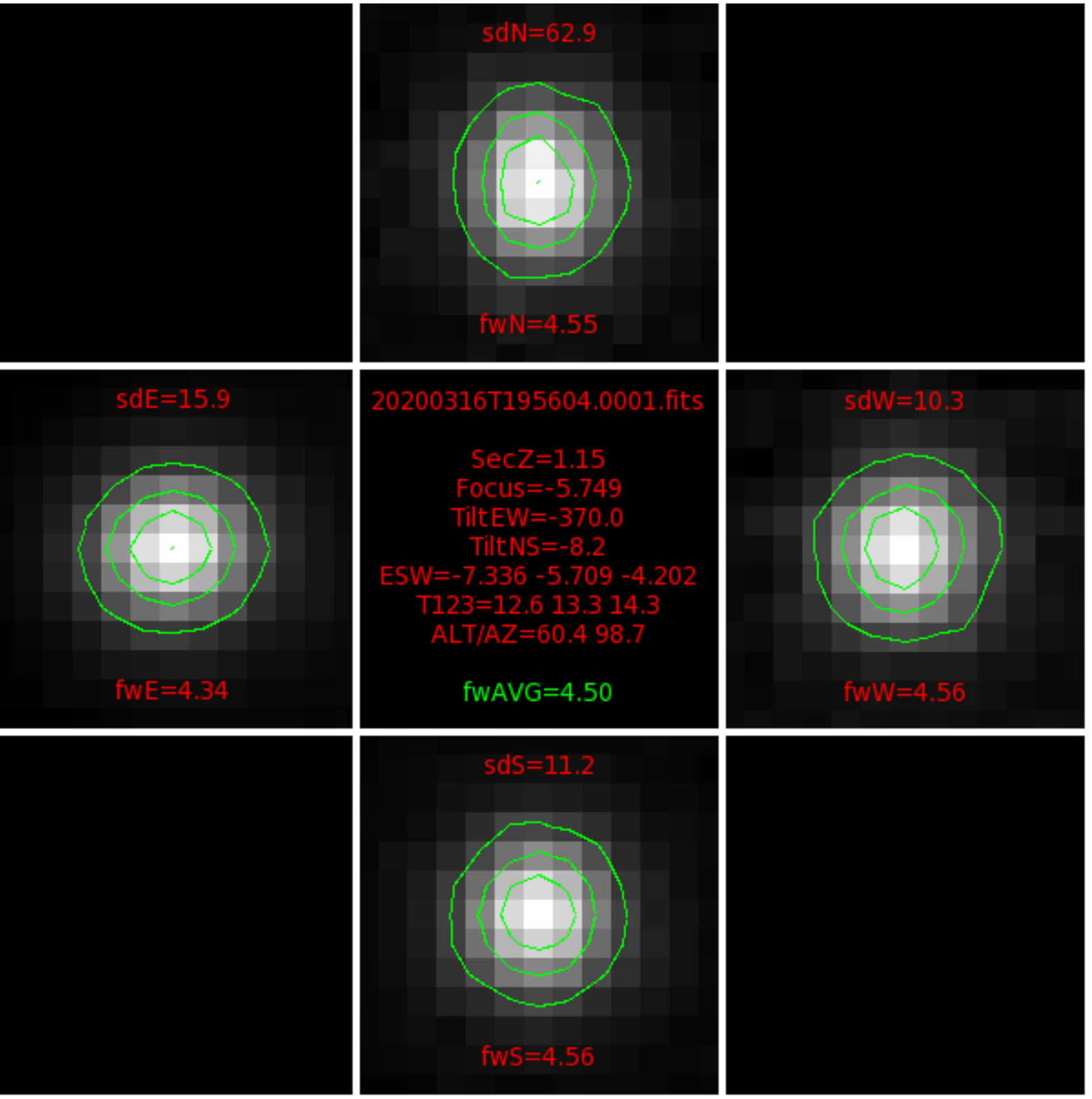
sdN=62.9
fwN=4.55
sdE=15.9
fwE=4.34
20200316T195604.0001.fits
SecZ=1.15
Focus=-5.749
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.336 -5.709 -4.202
T123=12.6 13.3 14.3
ALT/AZ=60.4 98.7
fwAVG=4.50
sdW=10.3
fwW=4.56
sdS=11.2
fwS=4.56
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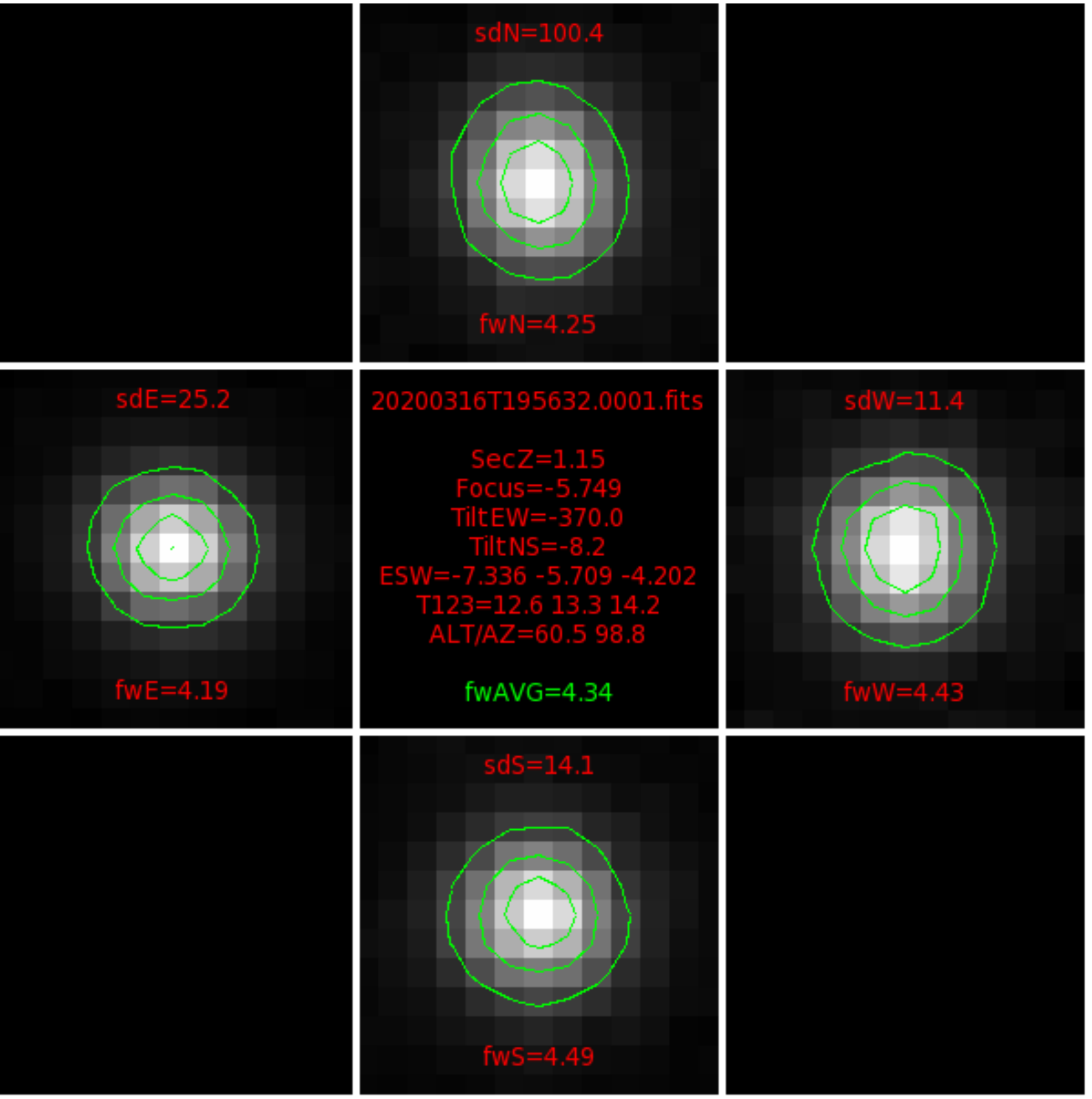
sdN=100.4
fwN=4.25
sdE=25.2
fwE=4.19
20200316T195632.0001.fits
SecZ=1.15
Focus=-5.749
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.336 -5.709 -4.202
T123=12.6 13.3 14.2
ALT/AZ=60.5 98.8
fwAVG=4.34
sdW=11.4
fwW=4.43
sdS=14.1
fwS=4.49
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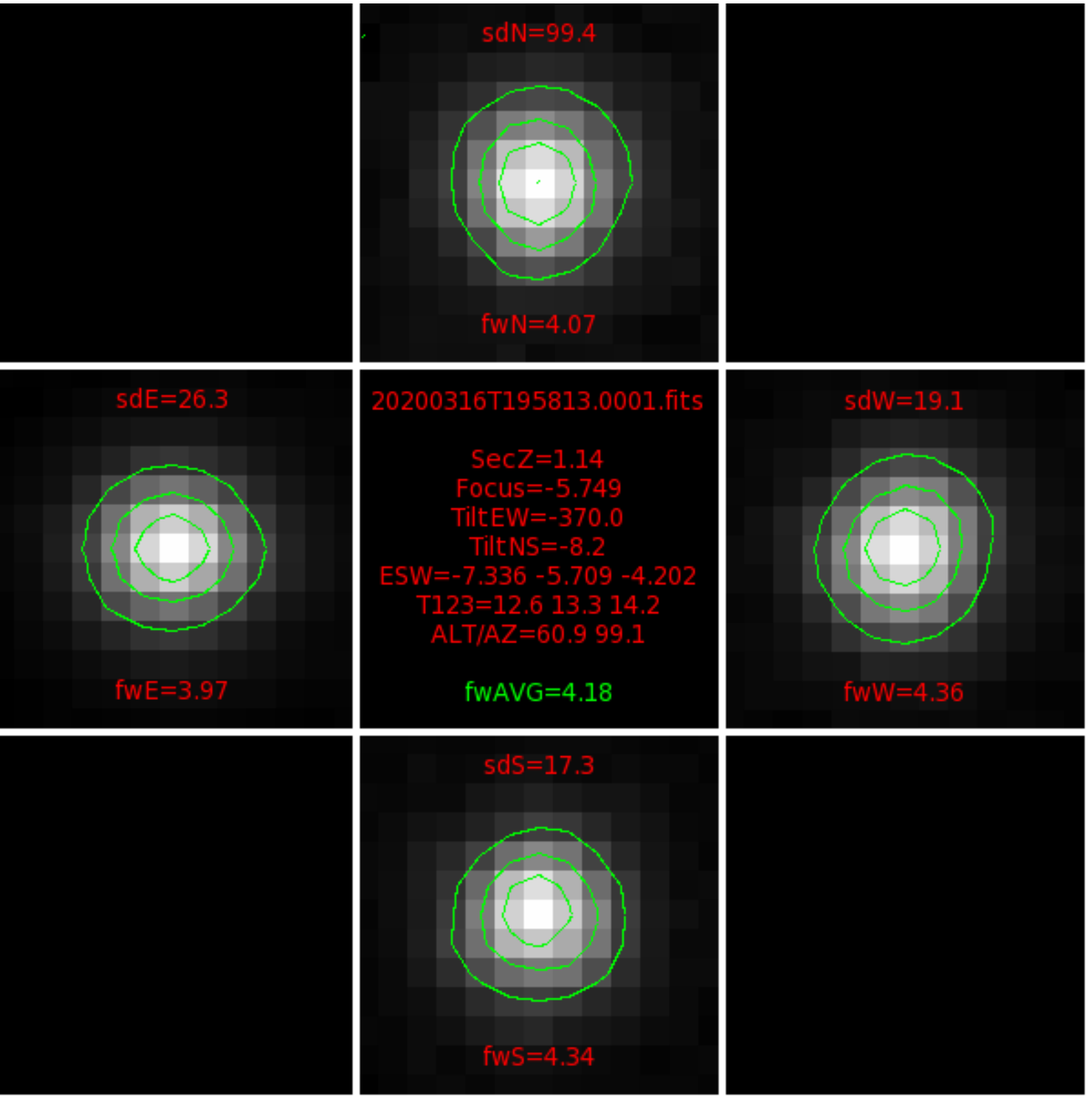
sdN=99.4
fwN=4.07
sdE=26.3
fwE=3.97
20200316T195813.0001.fits
SecZ=1.14
Focus=-5.749
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.336 -5.709 -4.202
T123=12.6 13.3 14.2
ALT/AZ=60.9 99.1
fwAVG=4.18
sdW=19.1
fwW=4.36
sdS=17.3
fwS=4.34
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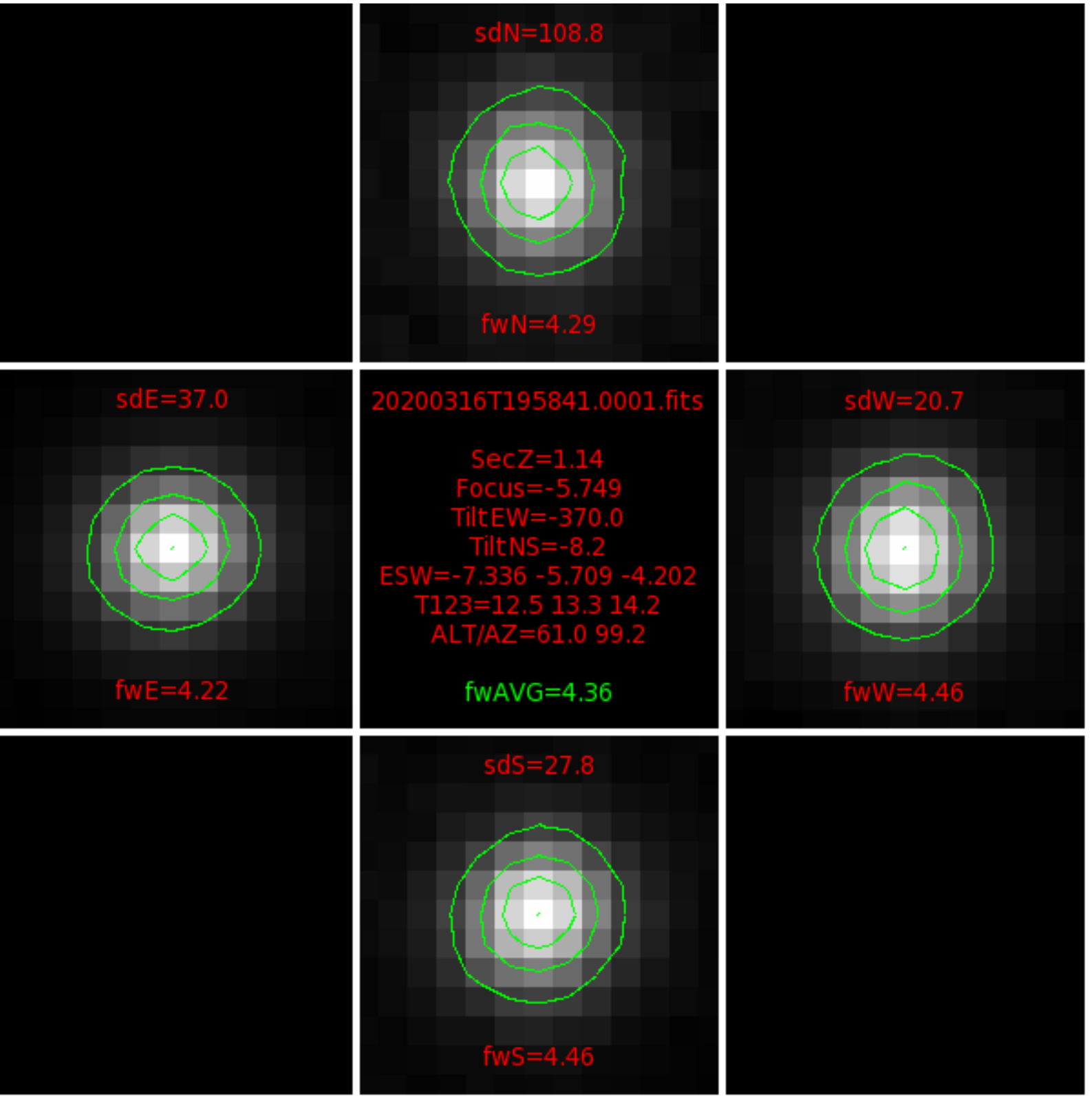
sdN=108.8
fwN=4.29
sdE=37.0
fwE=4.22
20200316T195841.0001.fits
SecZ=1.14
Focus=-5.749
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.336 -5.709 -4.202
T123=12.5 13.3 14.2
ALT/AZ=61.0 99.2
fwAVG=4.36
sdW=20.7
fwW=4.46
sdS=27.8
fwS=4.46
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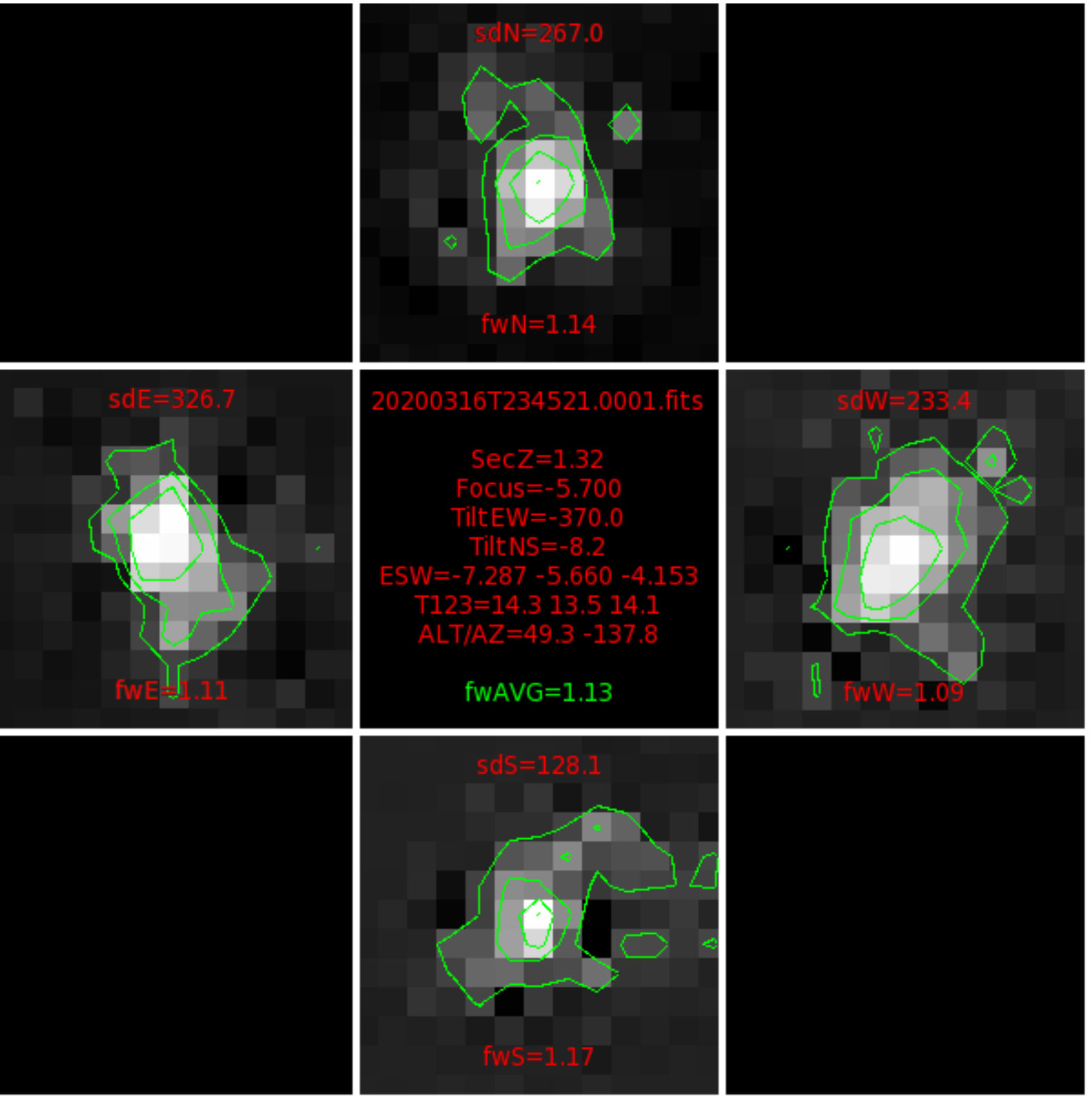
sdN=267.0
fwN=1.14
sdE=326.7
fwE=1.11
20200316T234521.0001.fits
SecZ=1.32
Focus=-5.700
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.287 -5.660 -4.153
T123=14.3 13.5 14.1
ALT/AZ=49.3 -137.8
fwAVG=1.13
sdW=233.4
fwW=1.09
sdS=128.1
fwS=1.17
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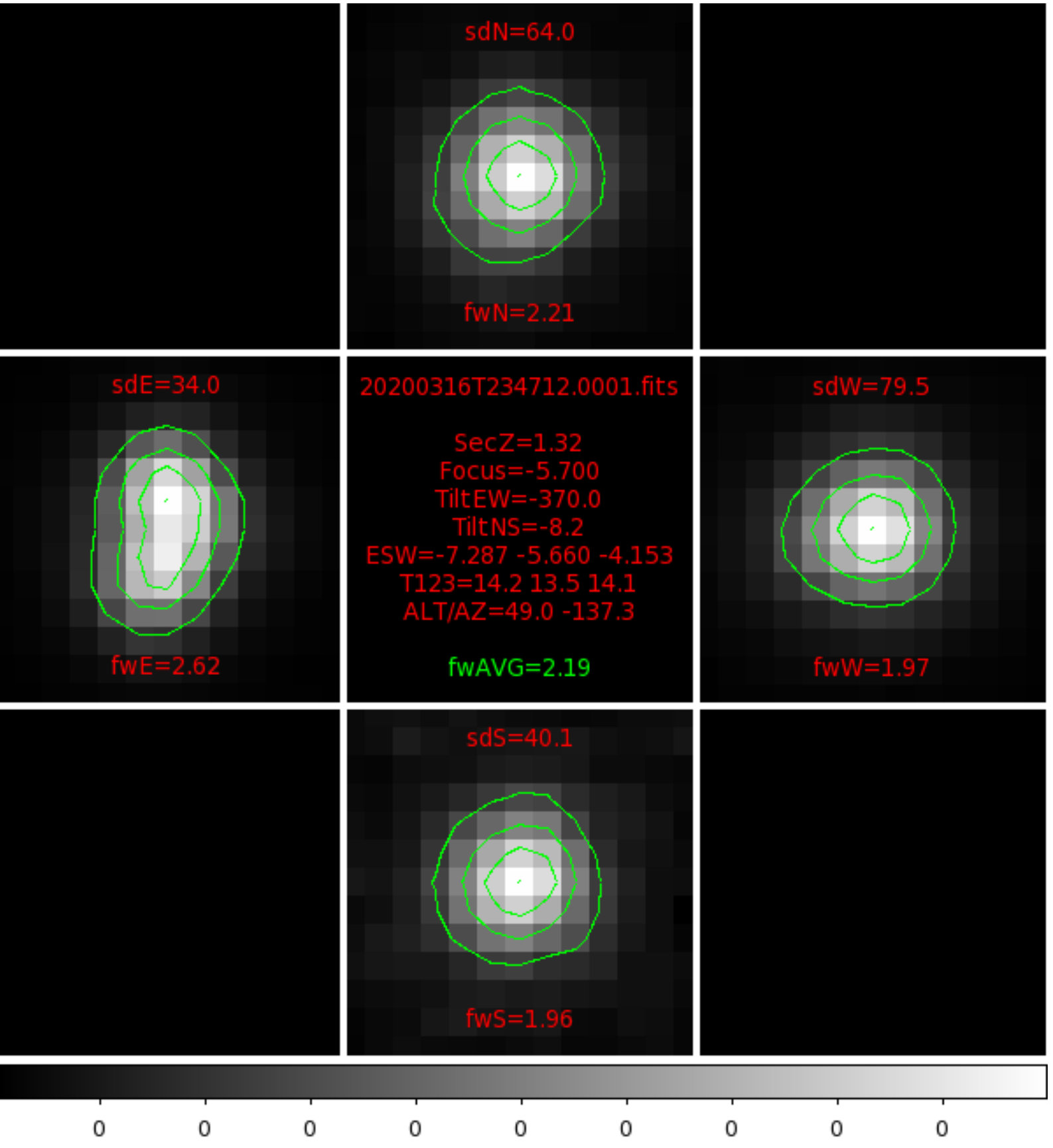
sdN=64.0
fwN=2.21
sdE=34.0
fwE=2.62
20200316T234712.0001.fits
SecZ=1.32
Focus=-5.700
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.287 -5.660 -4.153
T123=14.2 13.5 14.1
ALT/AZ=49.0 -137.3
fwAVG=2.19
sdW=79.5
fwW=1.97
sdS=40.1
fwS=1.96
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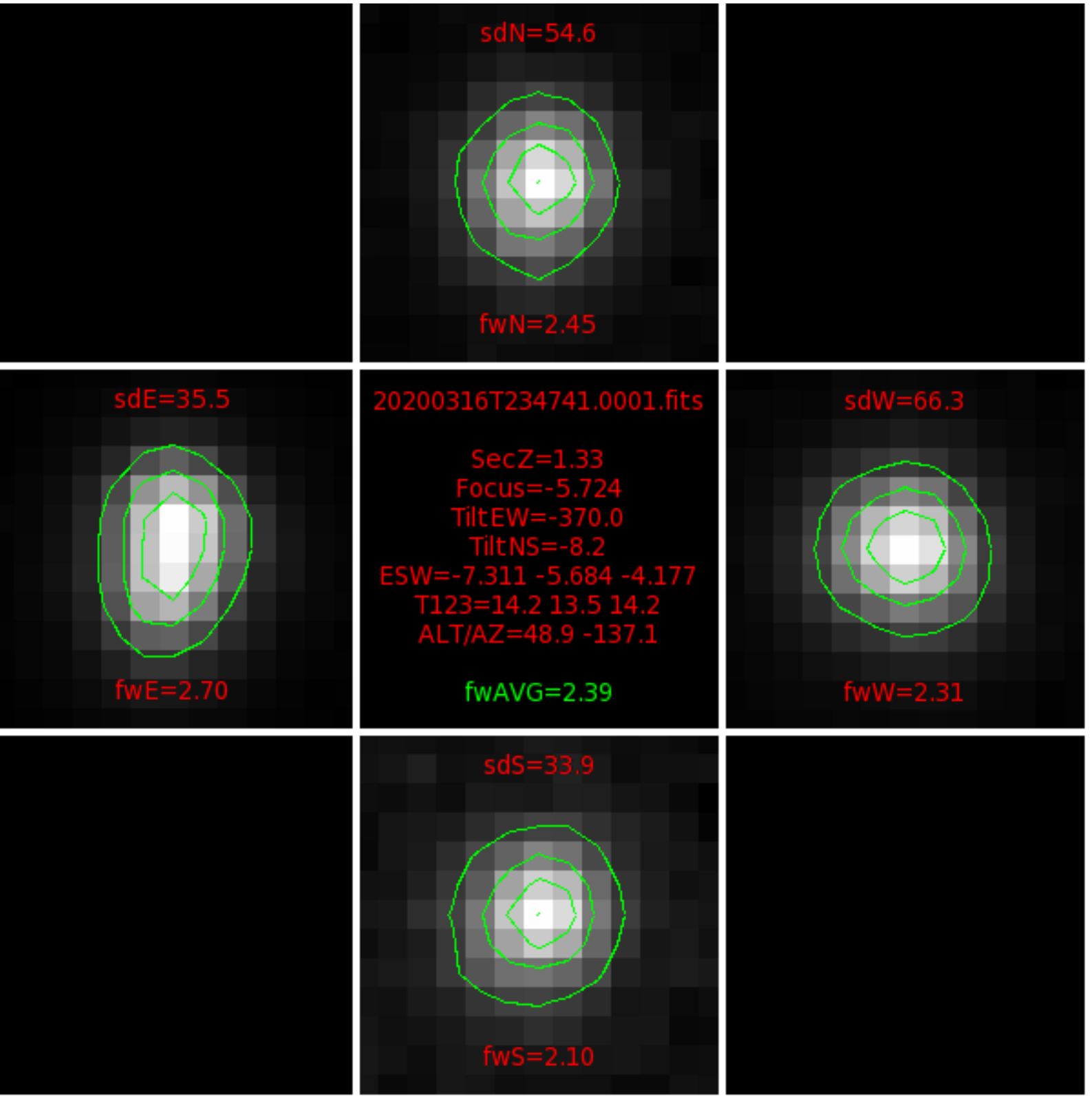
sdN=54.6
fwN=2.45
sdE=35.5
fwE=2.70
20200316T234741.0001.fits
SecZ=1.33
Focus=-5.724
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.311 -5.684 -4.177
T123=14.2 13.5 14.2
ALT/AZ=48.9 -137.1
fwAVG=2.39
sdW=66.3
fwW=2.31
sdS=33.9
fwS=2.10
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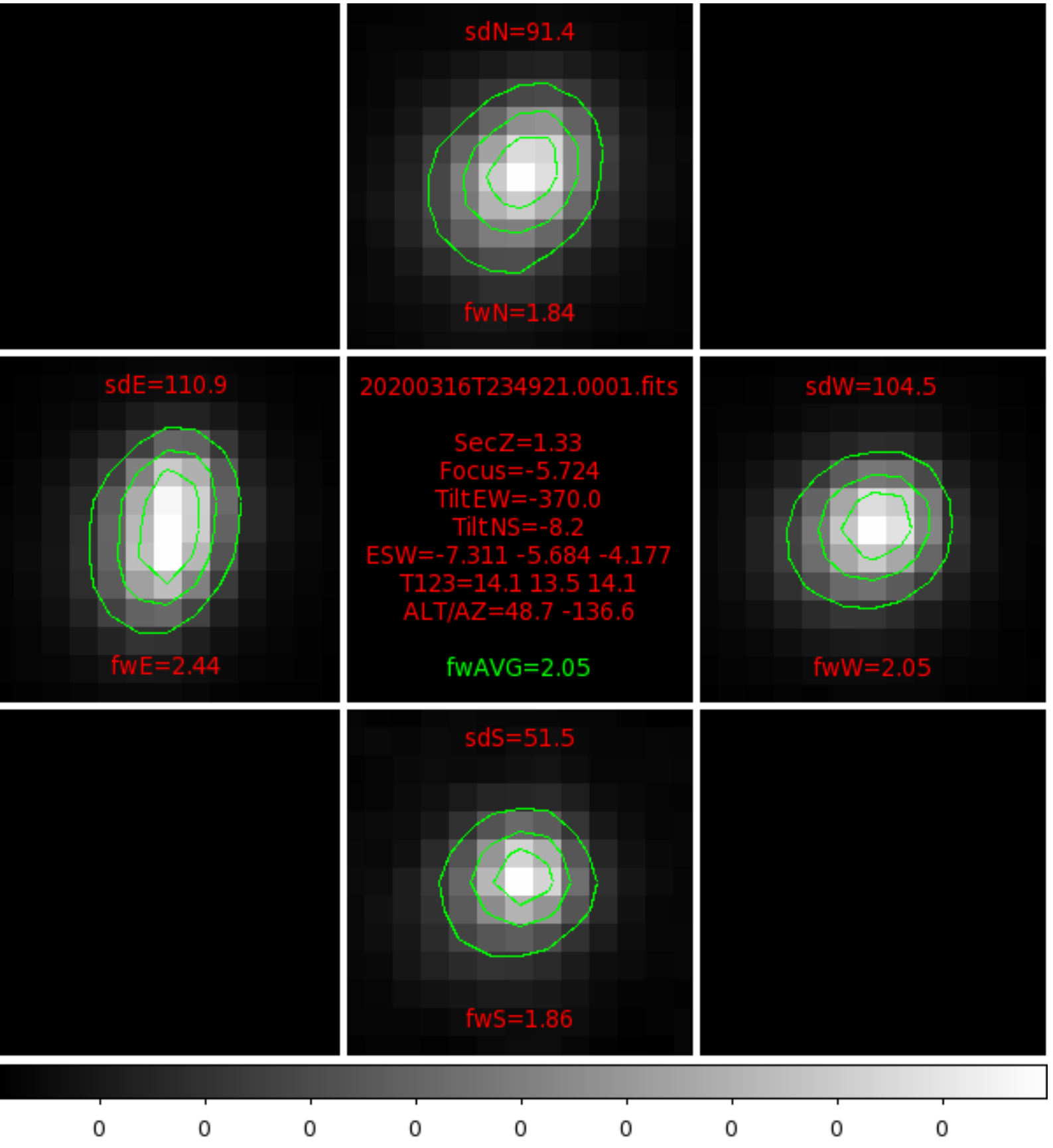
sdN=91.4
fwN=1.84
sdE=110.9
fwE=2.44
20200316T234921.0001.fits
SecZ=1.33
Focus=-5.724
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.311 -5.684 -4.177
T123=14.1 13.5 14.1
ALT/AZ=48.7 -136.6
fwAVG=2.05
sdW=104.5
fwW=2.05
sdS=51.5
fwS=1.86
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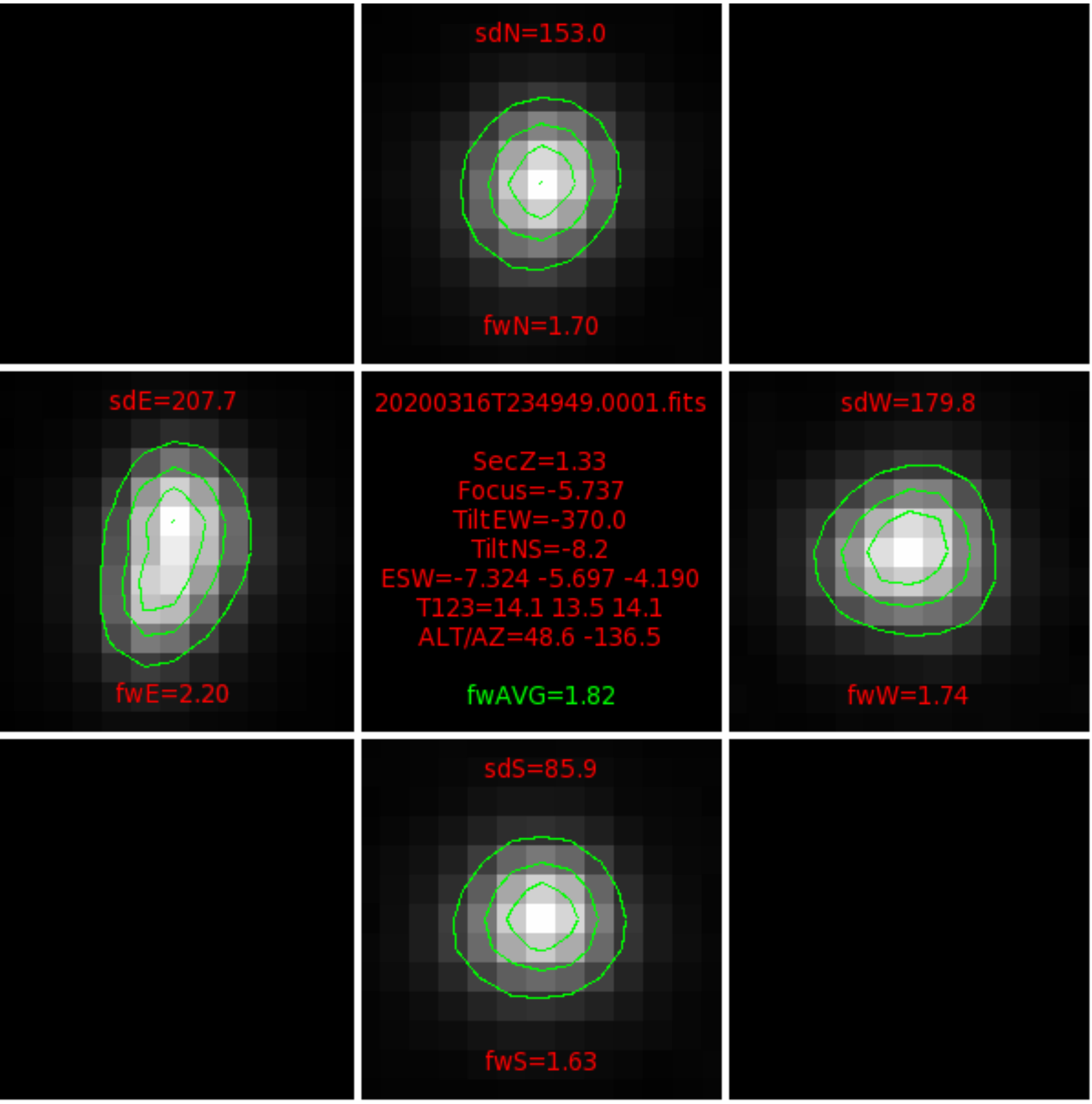
sdN=153.0
fwN=1.70
sdE=207.7
fwE=2.20
20200316T234949.0001.fits
SecZ=1.33
Focus=-5.737
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.324 -5.697 -4.190
T123=14.1 13.5 14.1
ALT/AZ=48.6 -136.5
fwAVG=1.82
sdW=179.8
fwW=1.74
sdS=85.9
fwS=1.63
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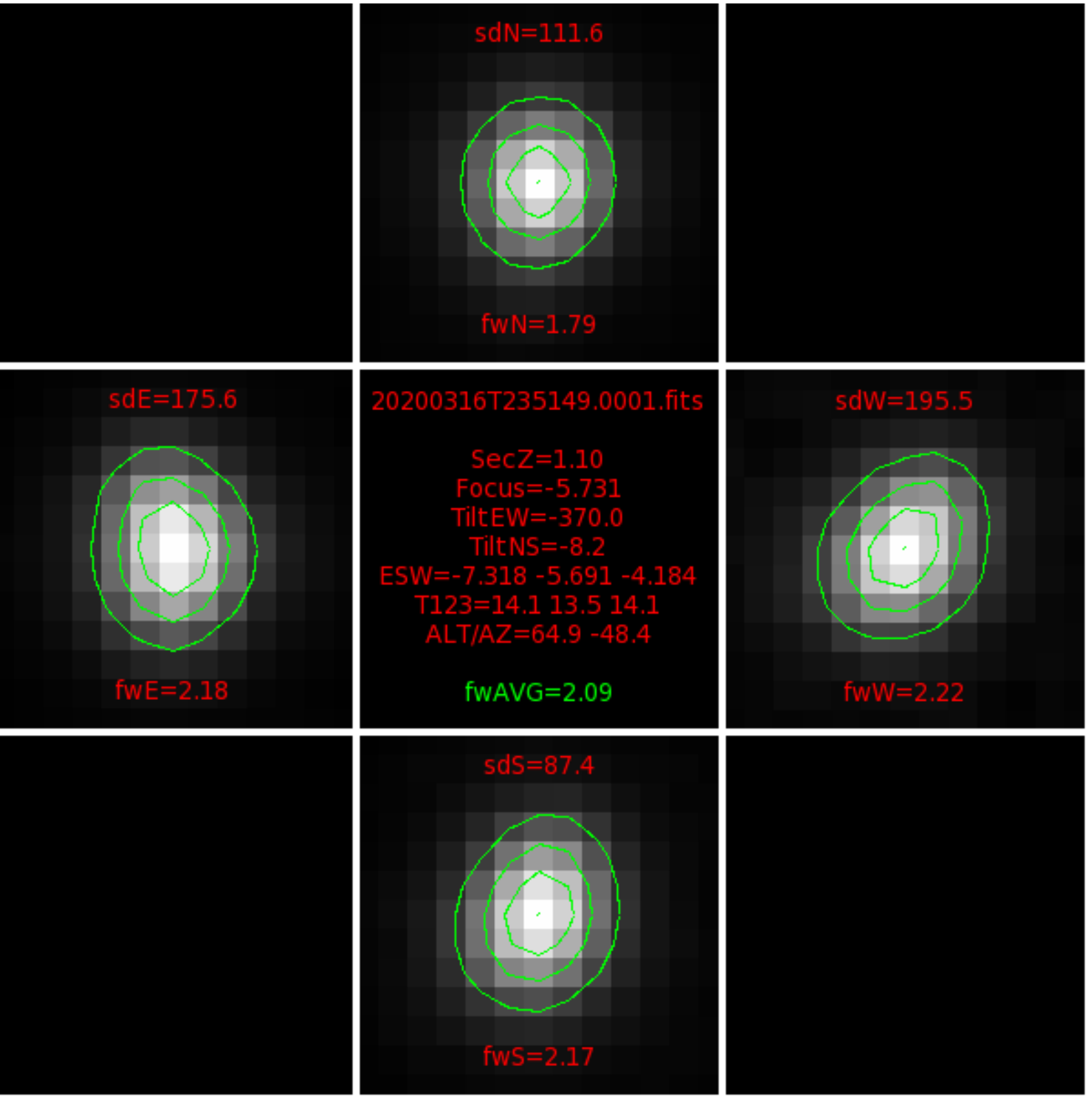
sdN=111.6
fwN=1.79
sdE=175.6
fwE=2.18
20200316T235149.0001.fits
SecZ=1.10
Focus=-5.731
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.318 -5.691 -4.184
T123=14.1 13.5 14.1
ALT/AZ=64.9 -48.4
fwAVG=2.09
sdW=195.5
fwW=2.22
sdS=87.4
fwS=2.17
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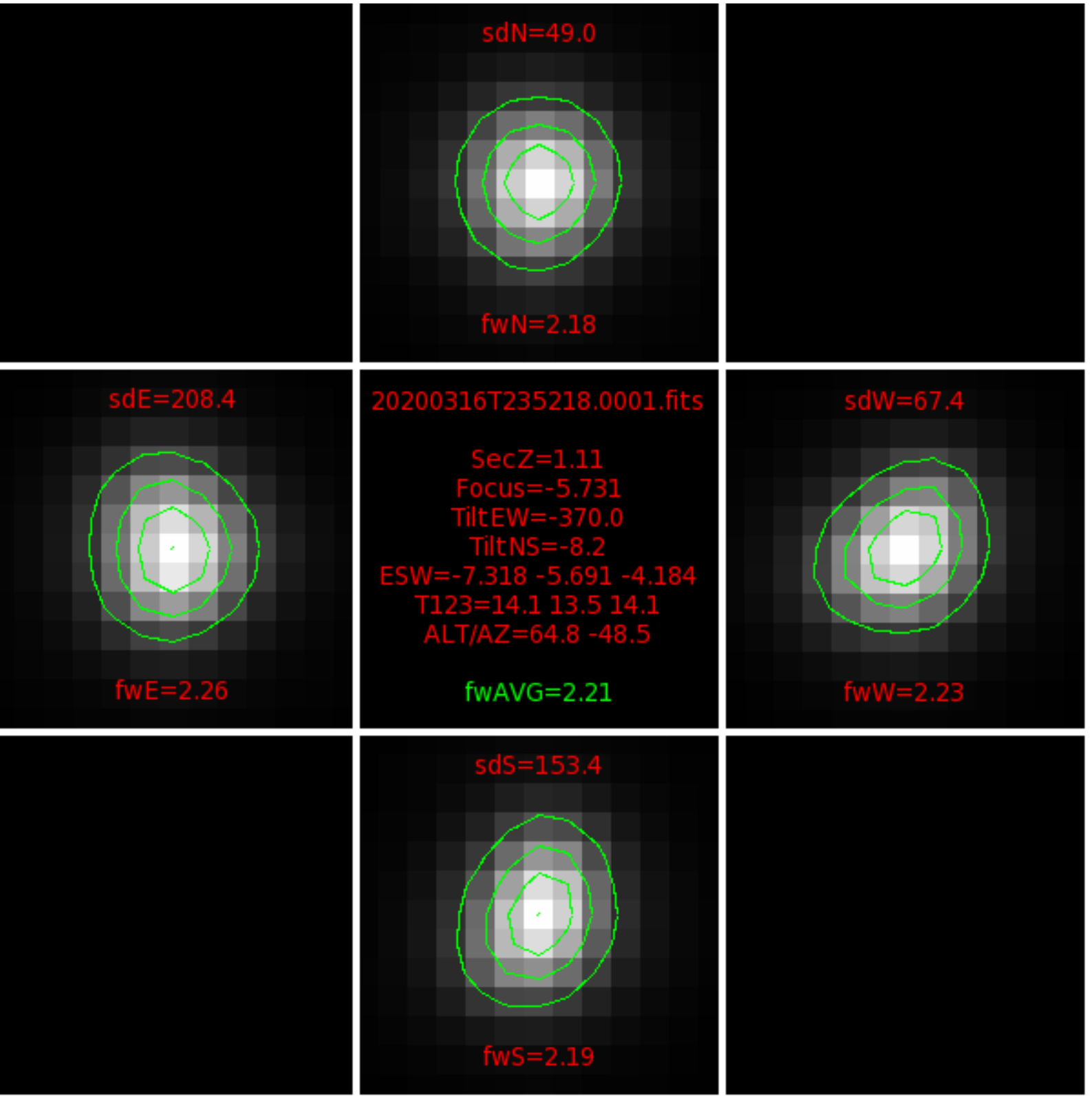
sdN=49.0
fwN=2.18
sdE=208.4
fwE=2.26
20200316T235218.0001.fits
SecZ=1.11
Focus=-5.731
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.318 -5.691 -4.184
T123=14.1 13.5 14.1
ALT/AZ=64.8 -48.5
fwAVG=2.21
sdW=67.4
fwW=2.23
sdS=153.4
fwS=2.19
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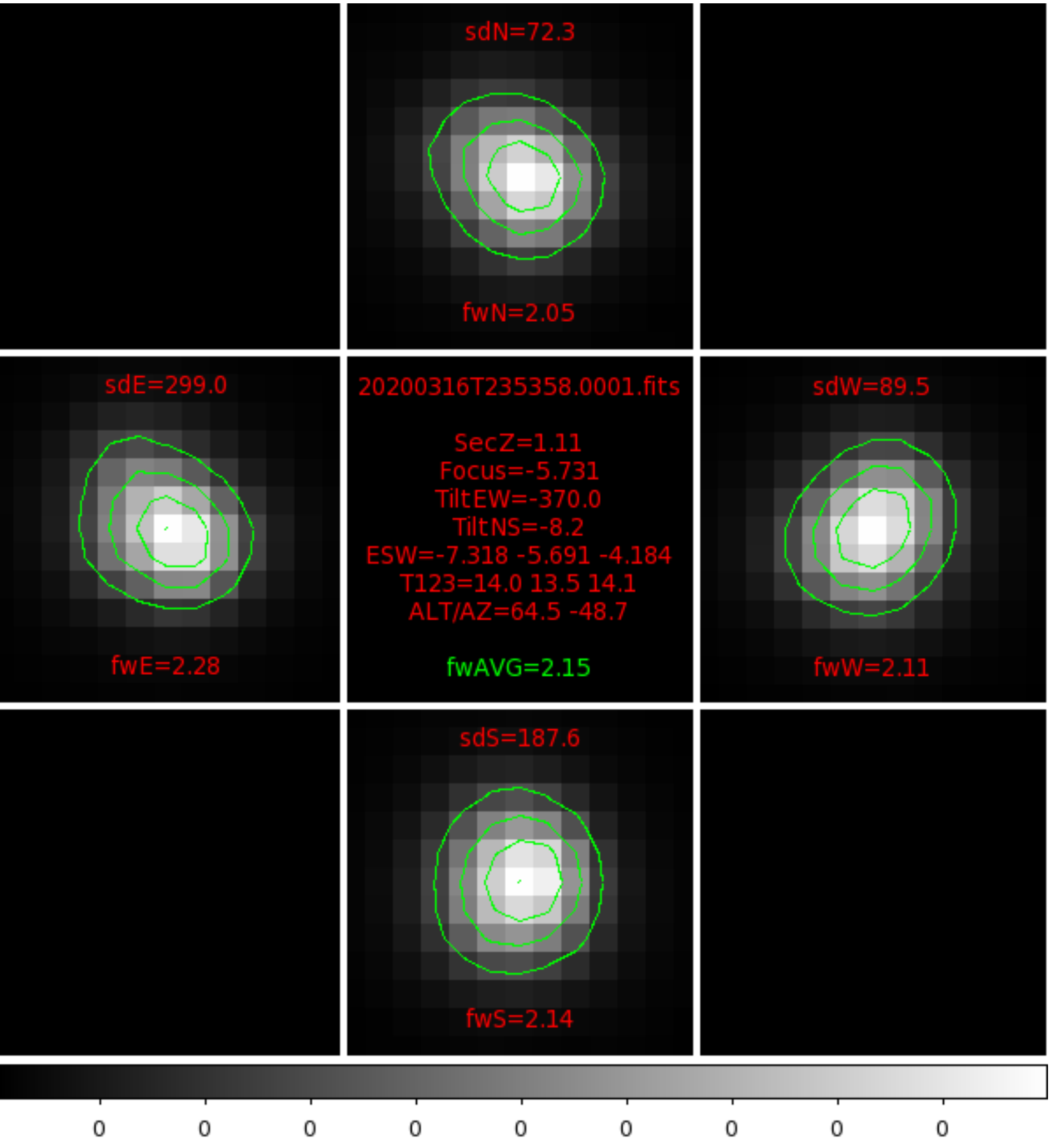
sdN=72.3
fwN=2.05
sdE=299.0
fwE=2.28
20200316T235358.0001.fits
SecZ=1.11
Focus=-5.731
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.318 -5.691 -4.184
T123=14.0 13.5 14.1
ALT/AZ=64.5 -48.7
fwAVG=2.15
sdW=89.5
fwW=2.11
sdS=187.6
fwS=2.14
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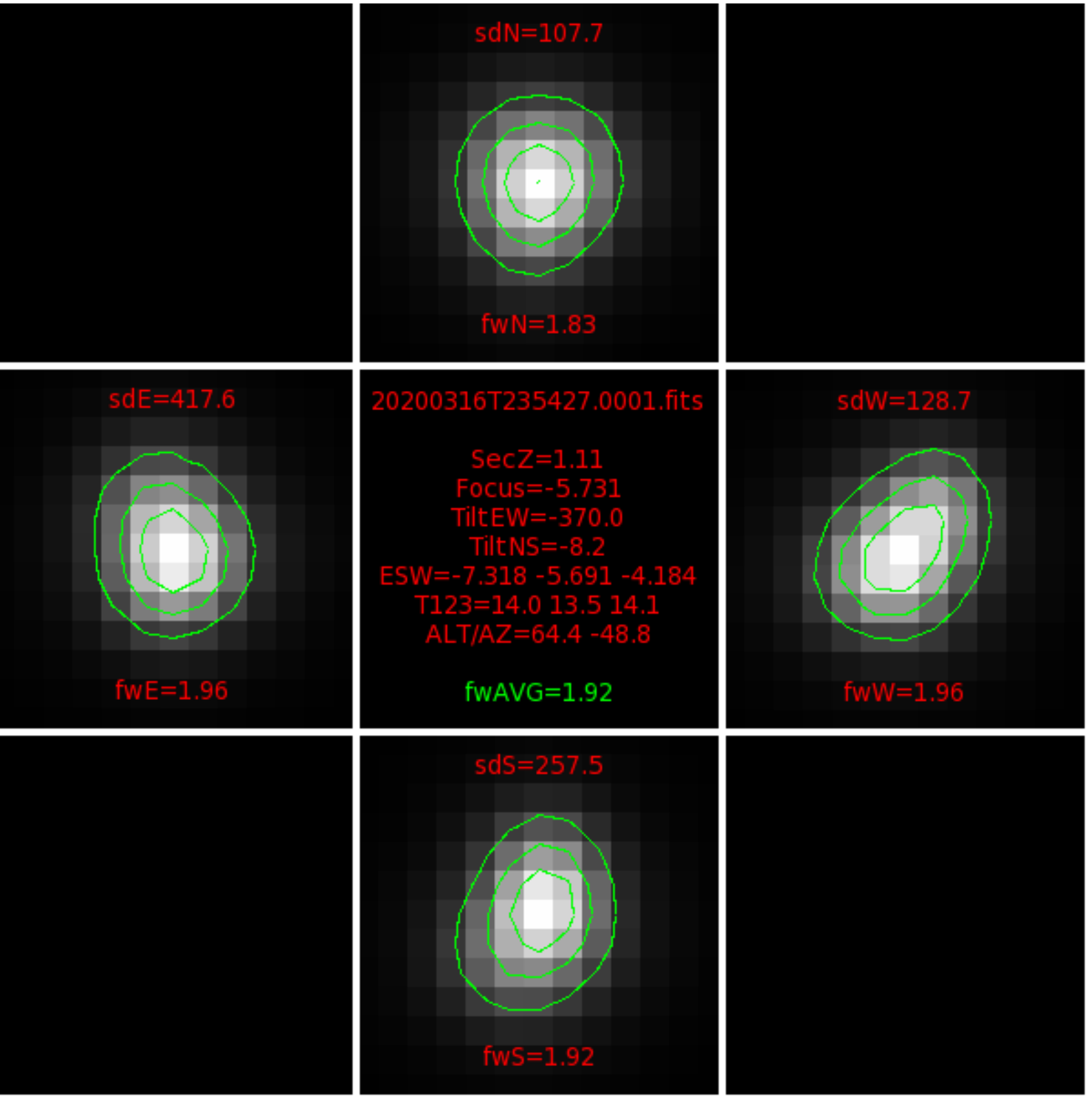
sdN=107.7
fwN=1.83
sdE=417.6
fwE=1.96
20200316T235427.0001.fits
SecZ=1.11
Focus=-5.731
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.318 -5.691 -4.184
T123=14.0 13.5 14.1
ALT/AZ=64.4 -48.8
fwAVG=1.92
sdW=128.7
fwW=1.96
sdS=257.5
fwS=1.92
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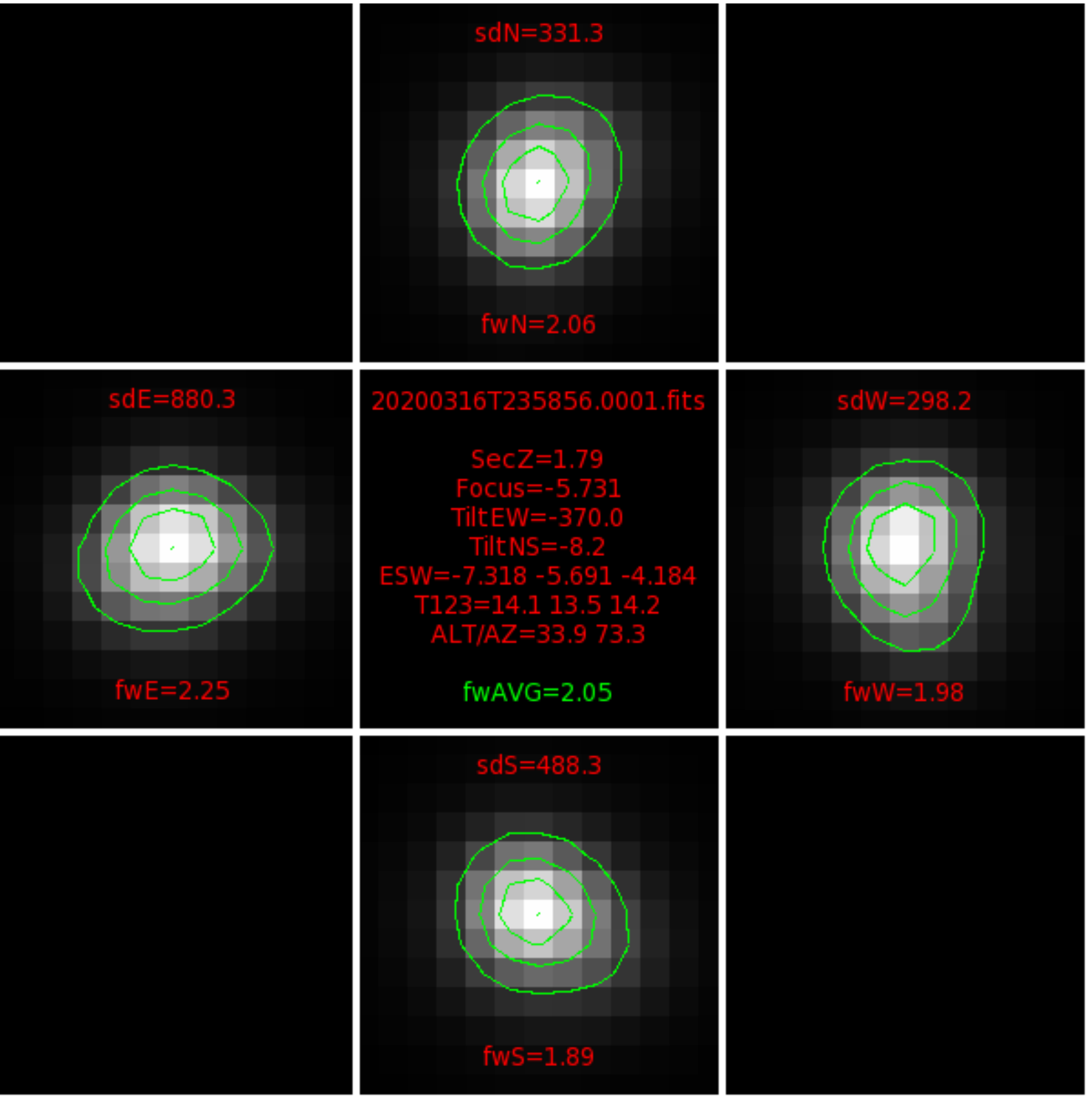
sdN=331.3
fwN=2.06
sdE=880.3
fwE=2.25
20200316T235856.0001.fits
SecZ=1.79
Focus=-5.731
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.318 -5.691 -4.184
T123=14.1 13.5 14.2
ALT/AZ=33.9 73.3
fwAVG=2.05
sdW=298.2
fwW=1.98
sdS=488.3
fwS=1.89
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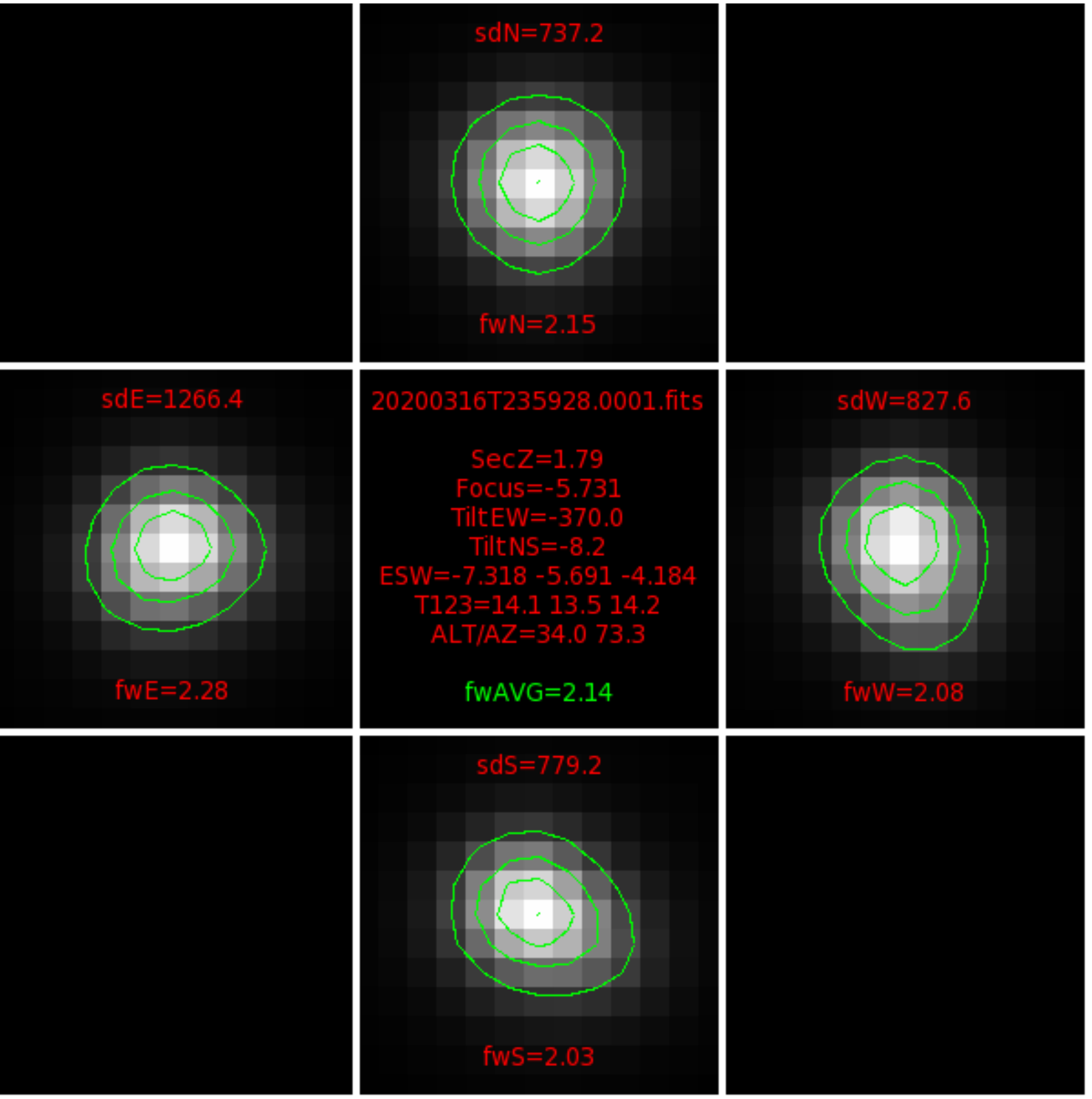
sdN=737.2
fwN=2.15
sdE=1266.4
fwE=2.28
20200316T235928.0001.fits
SecZ=1.79
Focus=-5.731
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.318 -5.691 -4.184
T123=14.1 13.5 14.2
ALT/AZ=34.0 73.3
fwAVG=2.14
sdW=827.6
fwW=2.08
sdS=779.2
fwS=2.03
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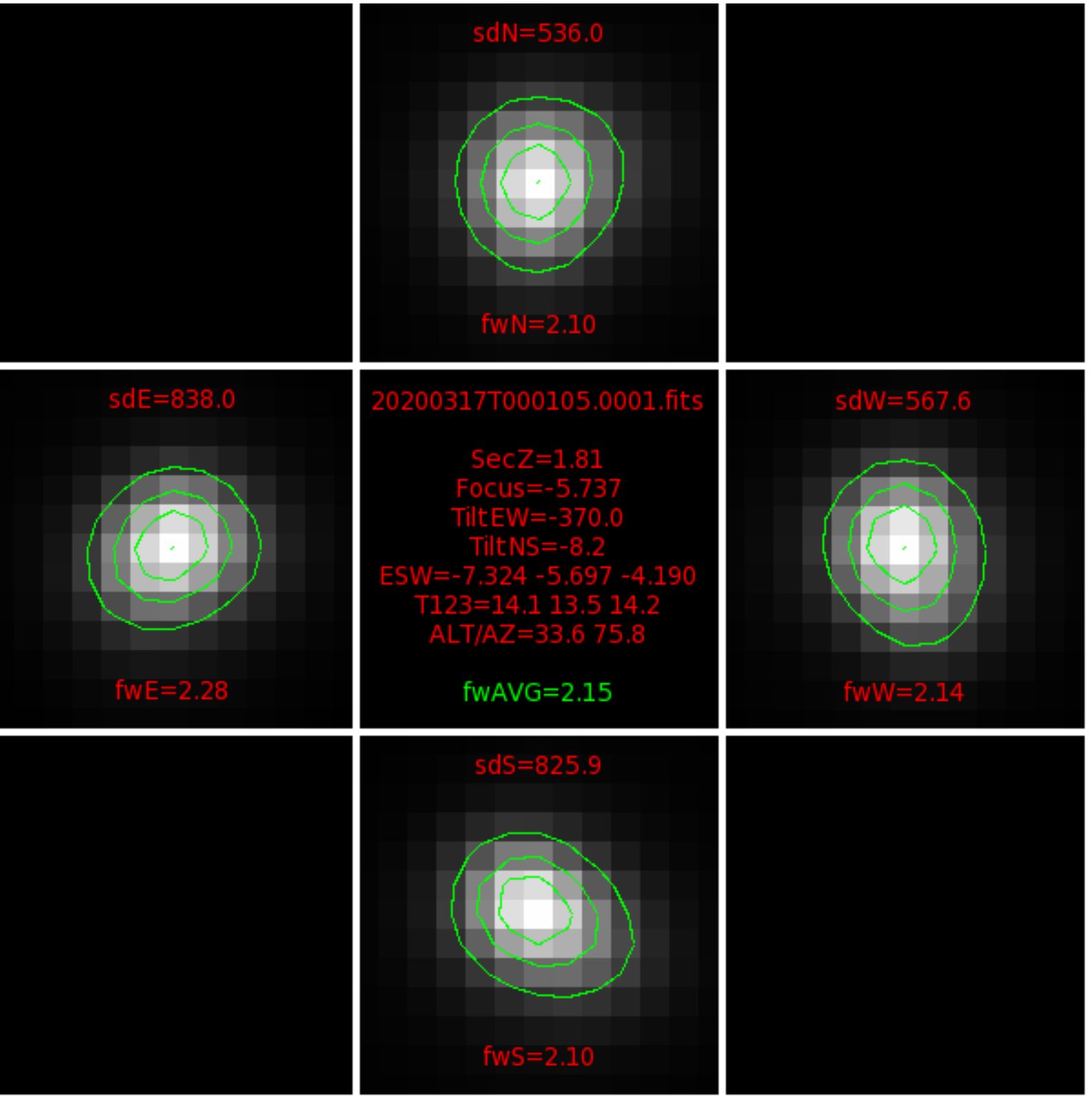
sdN=536.0
fwN=2.10
sdE=838.0
fwE=2.28
20200317T000105.0001.fits
SecZ=1.81
Focus=-5.737
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.324 -5.697 -4.190
T123=14.1 13.5 14.2
ALT/AZ=33.6 75.8
fwAVG=2.15
sdW=567.6
fwW=2.14
sdS=825.9
fwS=2.10
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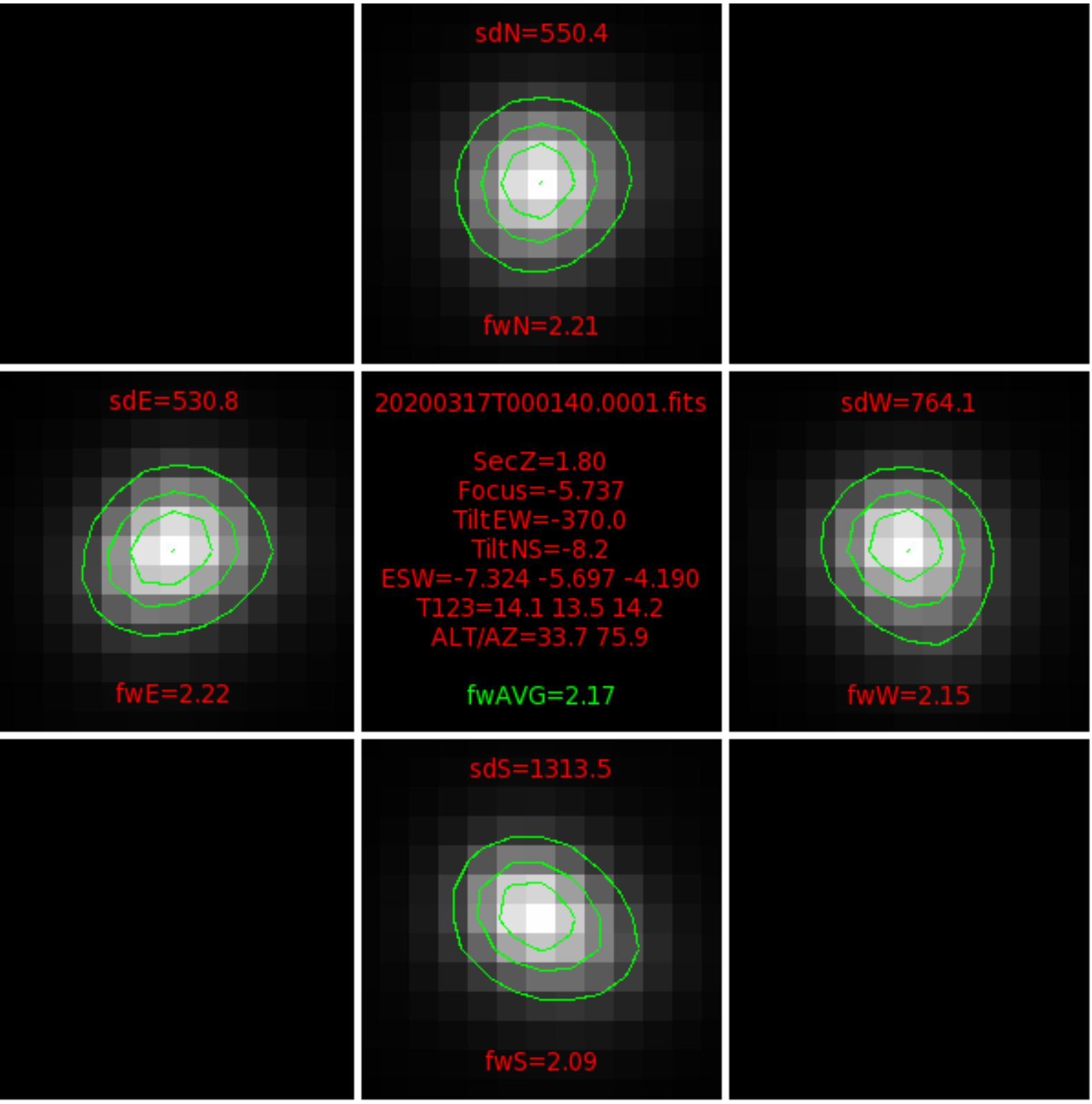
sdN=550.4
fwN=2.21
sdE=530.8
fwE=2.22
20200317T000140.0001.fits
SecZ=1.80
Focus=-5.737
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.324 -5.697 -4.190
T123=14.1 13.5 14.2
ALT/AZ=33.7 75.9
fwAVG=2.17
sdW=764.1
fwW=2.15
sdS=1313.5
fwS=2.09
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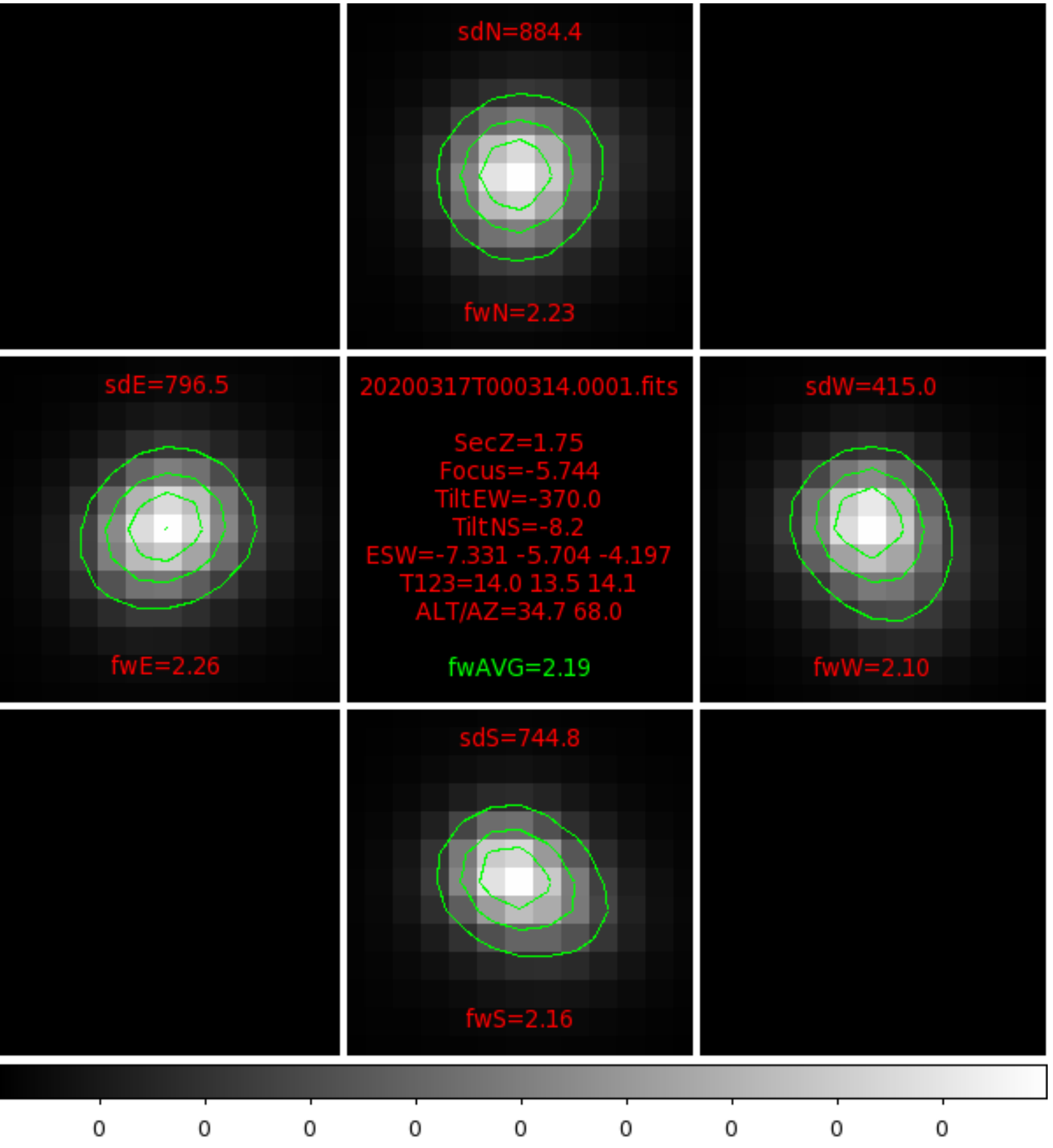
sdN=884.4
fwN=2.23
sdE=796.5
fwE=2.26
20200317T000314.0001.fits
SecZ=1.75
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=14.0 13.5 14.1
ALT/AZ=34.7 68.0
fwAVG=2.19
sdW=415.0
fwW=2.10
sdS=744.8
fwS=2.16
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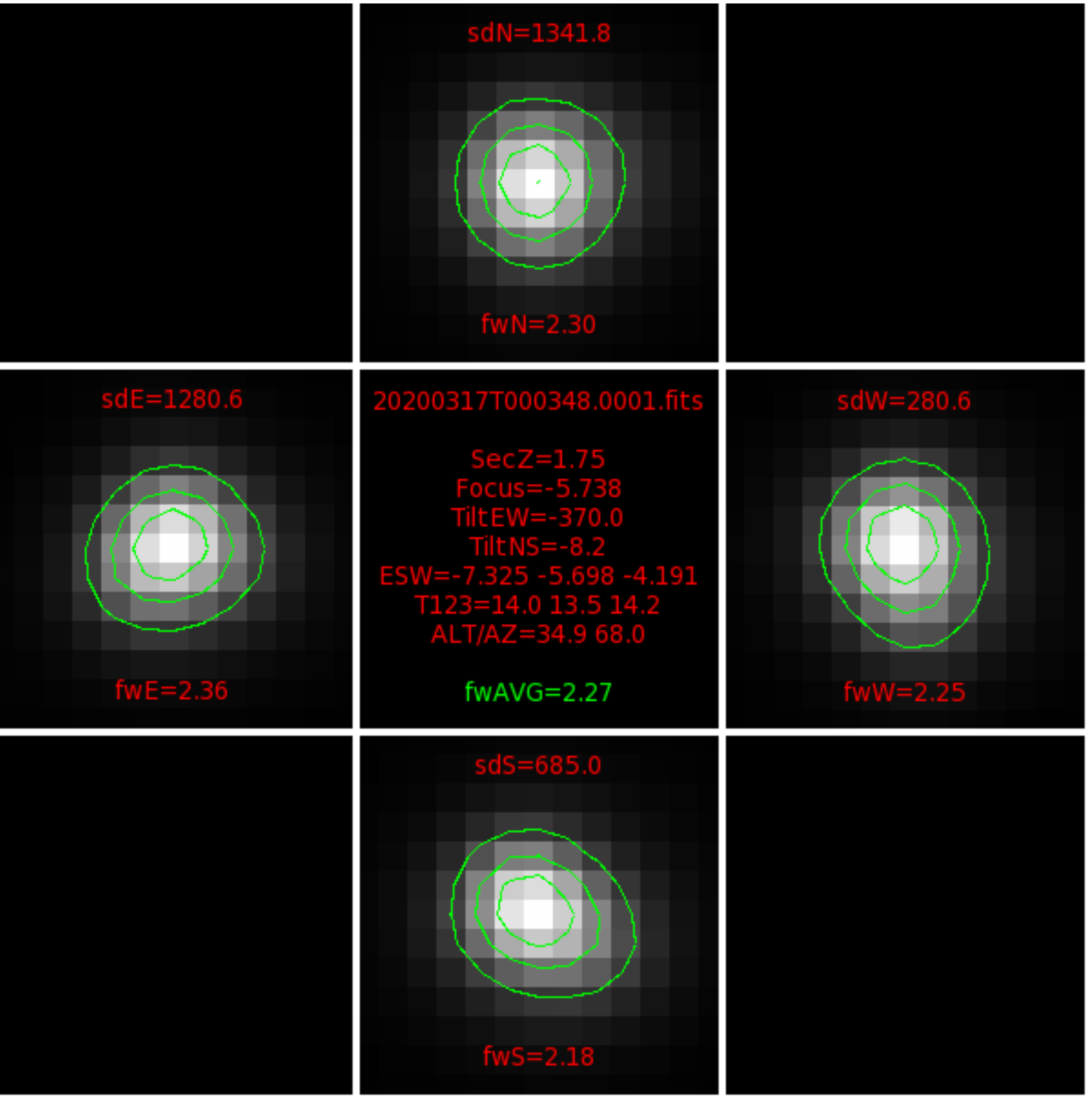
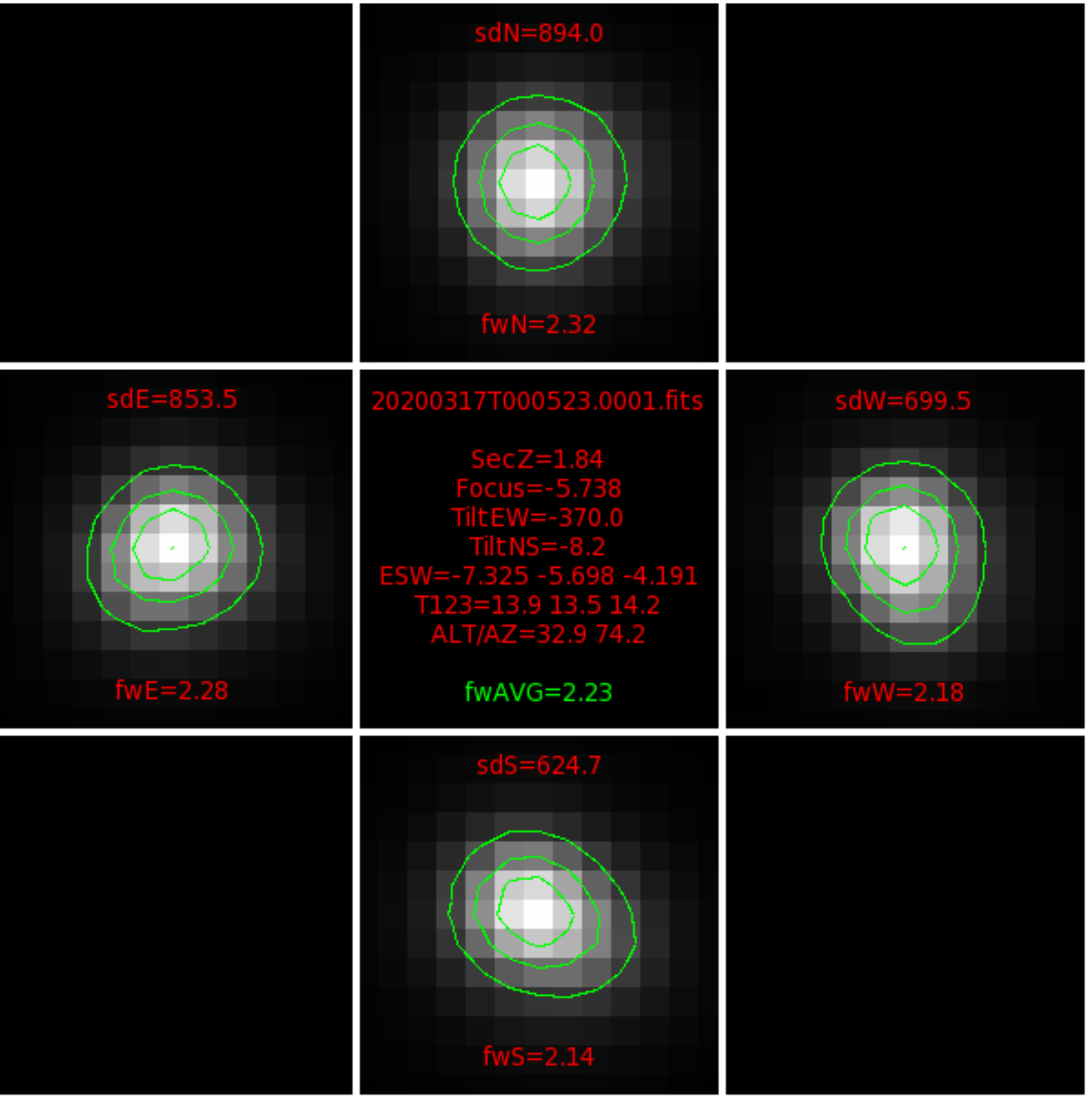

sdN=1341.8
fwN=2.30
sdE=1280.6
fwE=2.36
20200317T000348.0001.fits
SecZ=1.75
Focus=-5.738
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.325 -5.698 -4.191
T123=14.0 13.5 14.2
ALT/AZ=34.9 68.0
fwAVG=2.27
sdW=280.6
fwW=2.25
sdS=685.0
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=894.0
fwN=2.32
sdE=853.5
fwE=2.28
20200317T000523.0001.fits
SecZ=1.84
Focus=-5.738
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.325 -5.698 -4.191
T123=13.9 13.5 14.2
ALT/AZ=32.9 74.2
fwAVG=2.23
sdW=699.5
fwW=2.18
sdS=624.7
fwS=2.14
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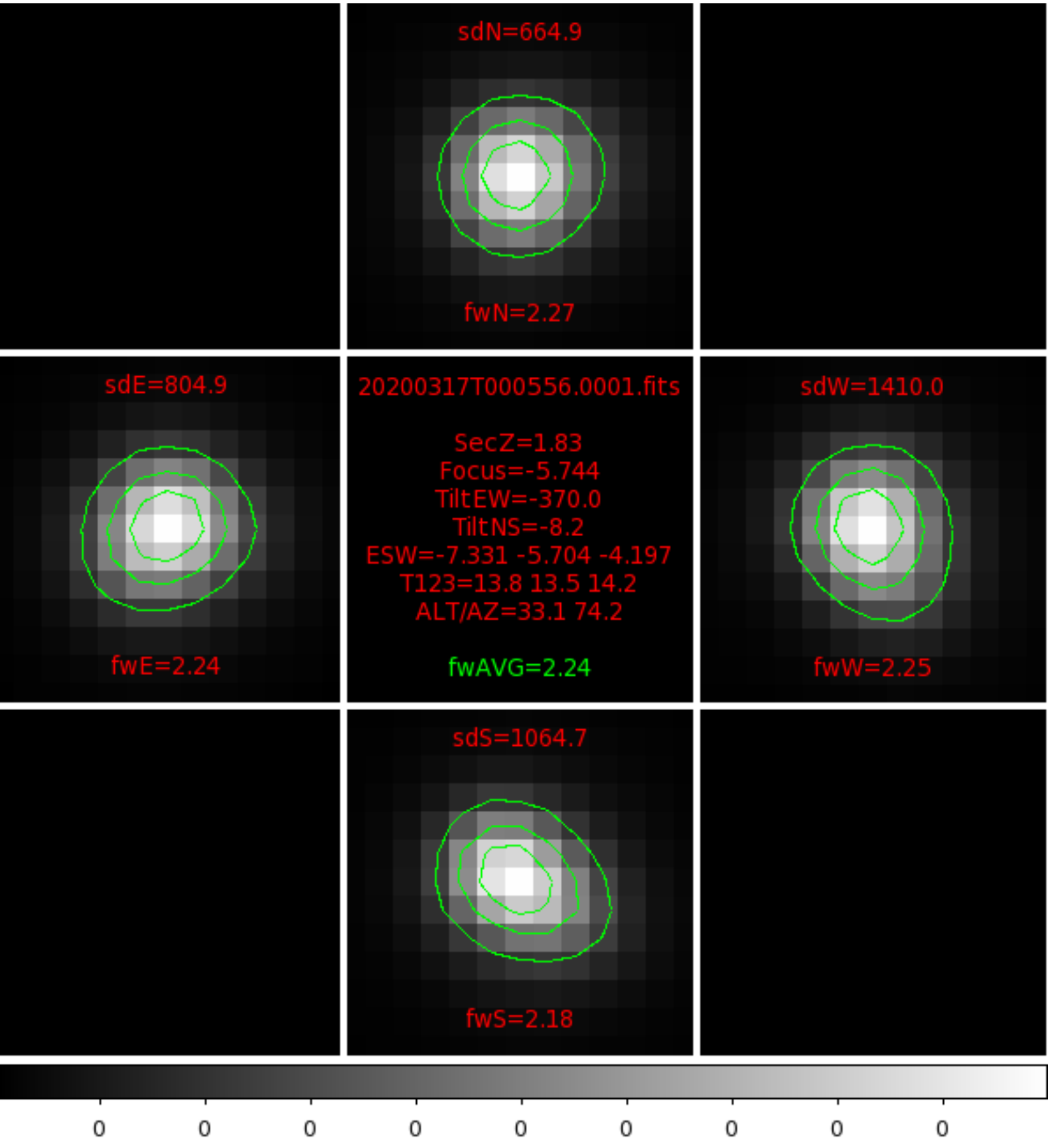
sdN=664.9
fwN=2.27
sdE=804.9
fwE=2.24
20200317T000556.0001.fits
SecZ=1.83
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.8 13.5 14.2
ALT/AZ=33.1 74.2
fwAVG=2.24
sdW=1410.0
fwW=2.25
sdS=1064.7
fwS=2.18
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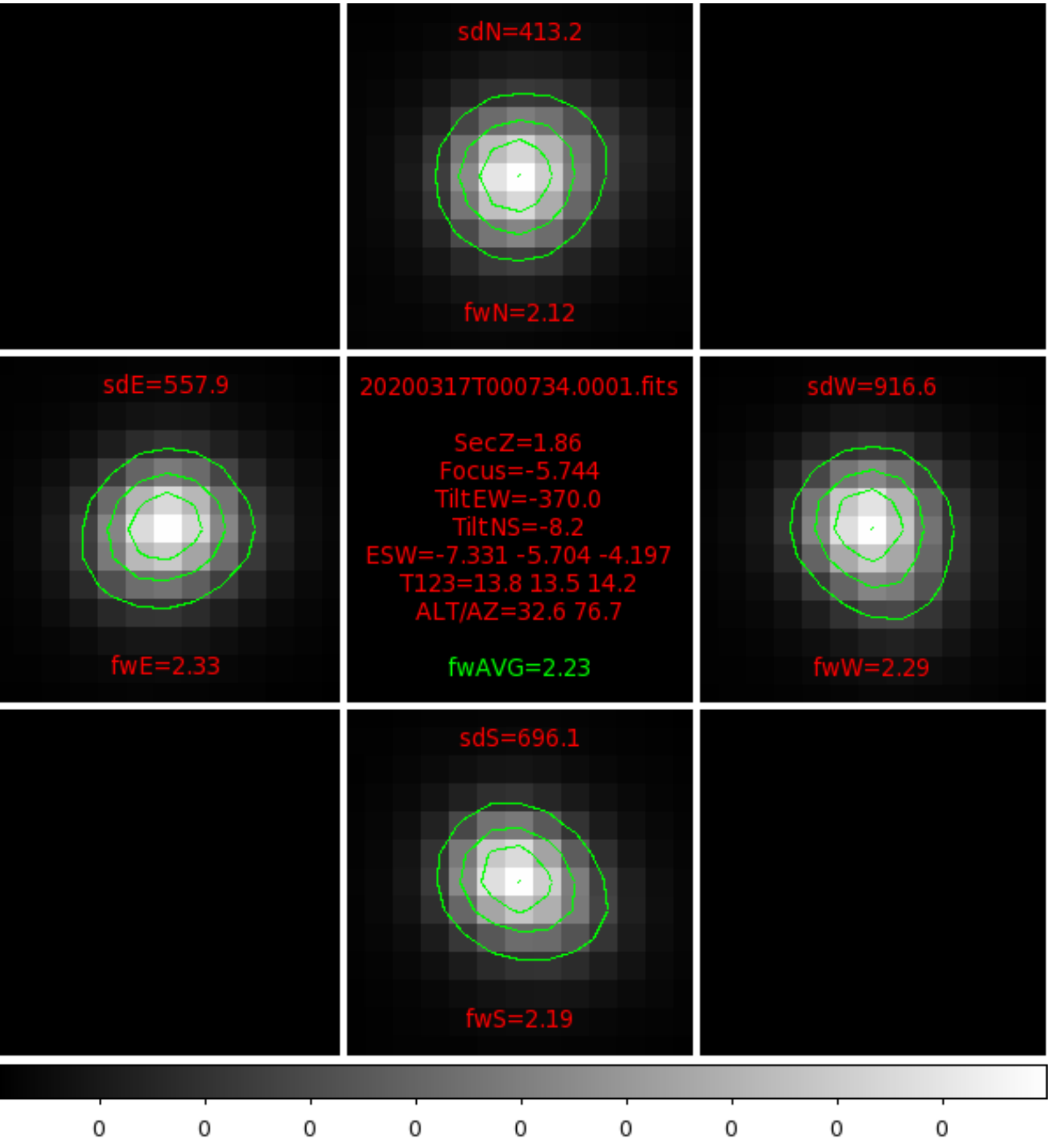
sdN=413.2
fwN=2.12
sdE=557.9
fwE=2.33
20200317T000734.0001.fits
SecZ=1.86
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.8 13.5 14.2
ALT/AZ=32.6 76.7
fwAVG=2.23
sdW=916.6
fwW=2.29
sdS=696.1
fwS=2.19
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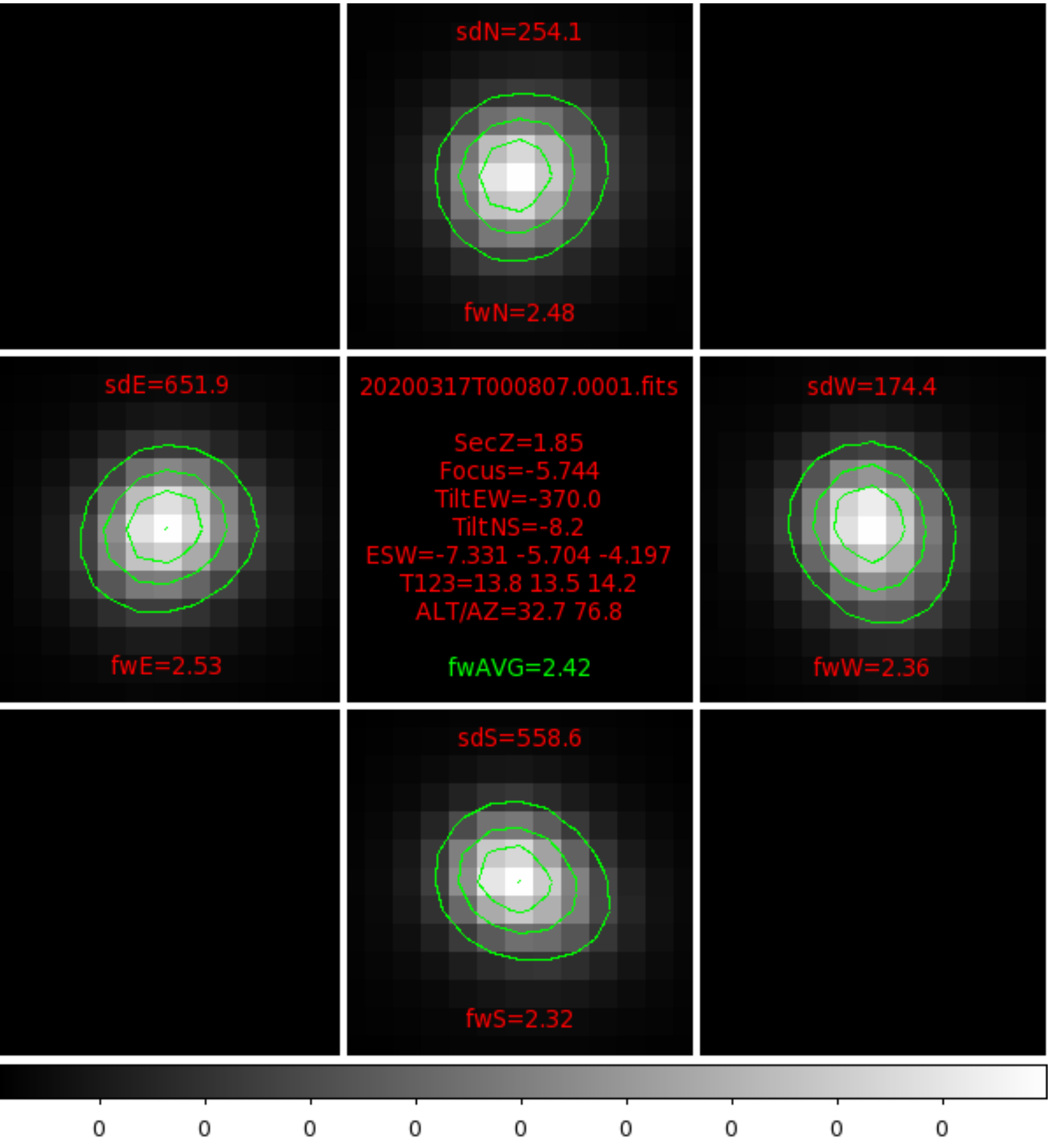
sdN=254.1
fwN=2.48
sdE=651.9
fwE=2.53
20200317T000807.0001.fits
SecZ=1.85
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.8 13.5 14.2
ALT/AZ=32.7 76.8
fwAVG=2.42
sdW=174.4
fwW=2.36
sdS=558.6
fwS=2.32
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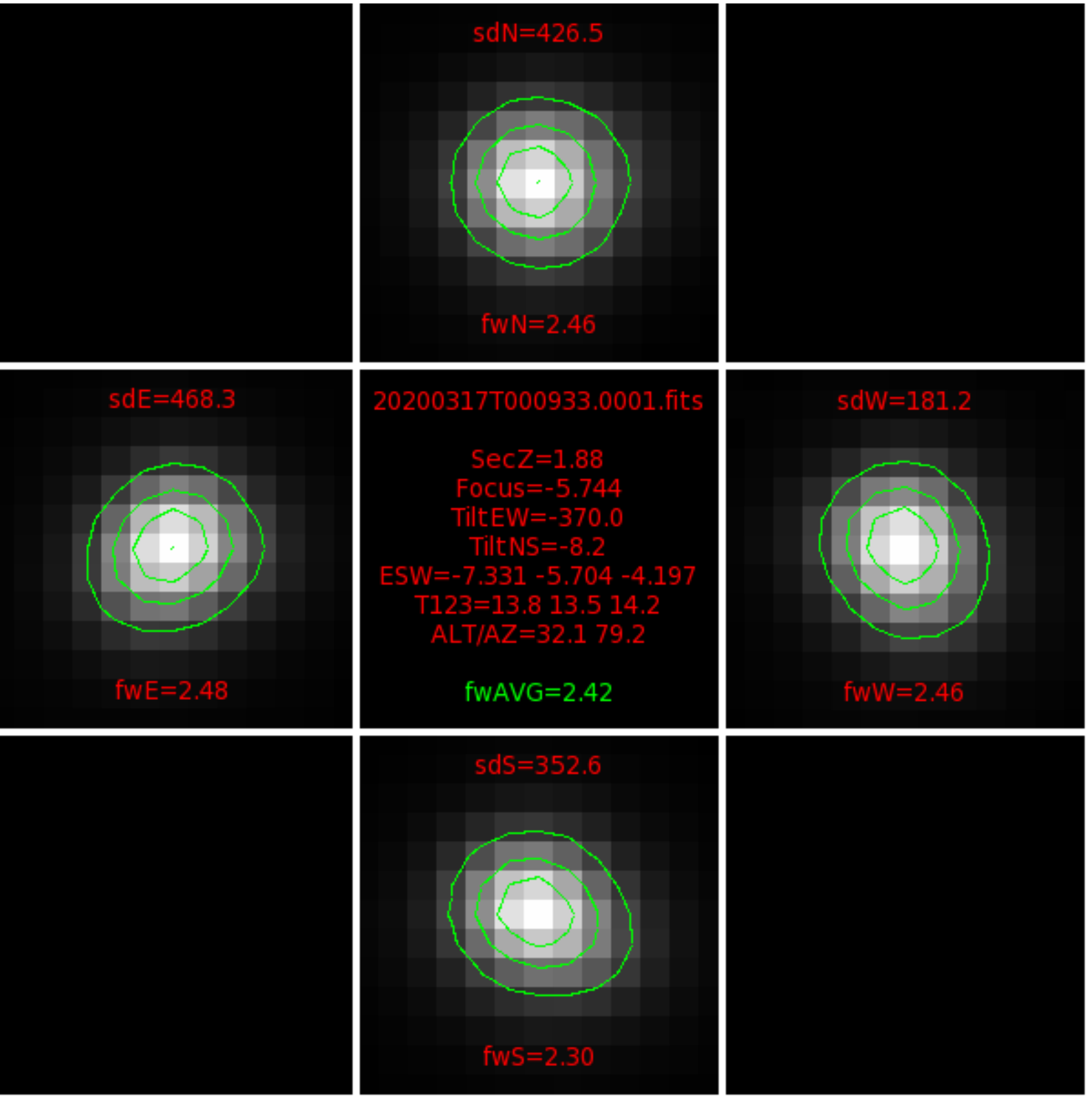
sdN=426.5
fwN=2.46
sdE=468.3
fwE=2.48
20200317T000933.0001.fits
SecZ=1.88
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.8 13.5 14.2
ALT/AZ=32.1 79.2
fwAVG=2.42
sdW=181.2
fwW=2.46
sdS=352.6
fwS=2.30
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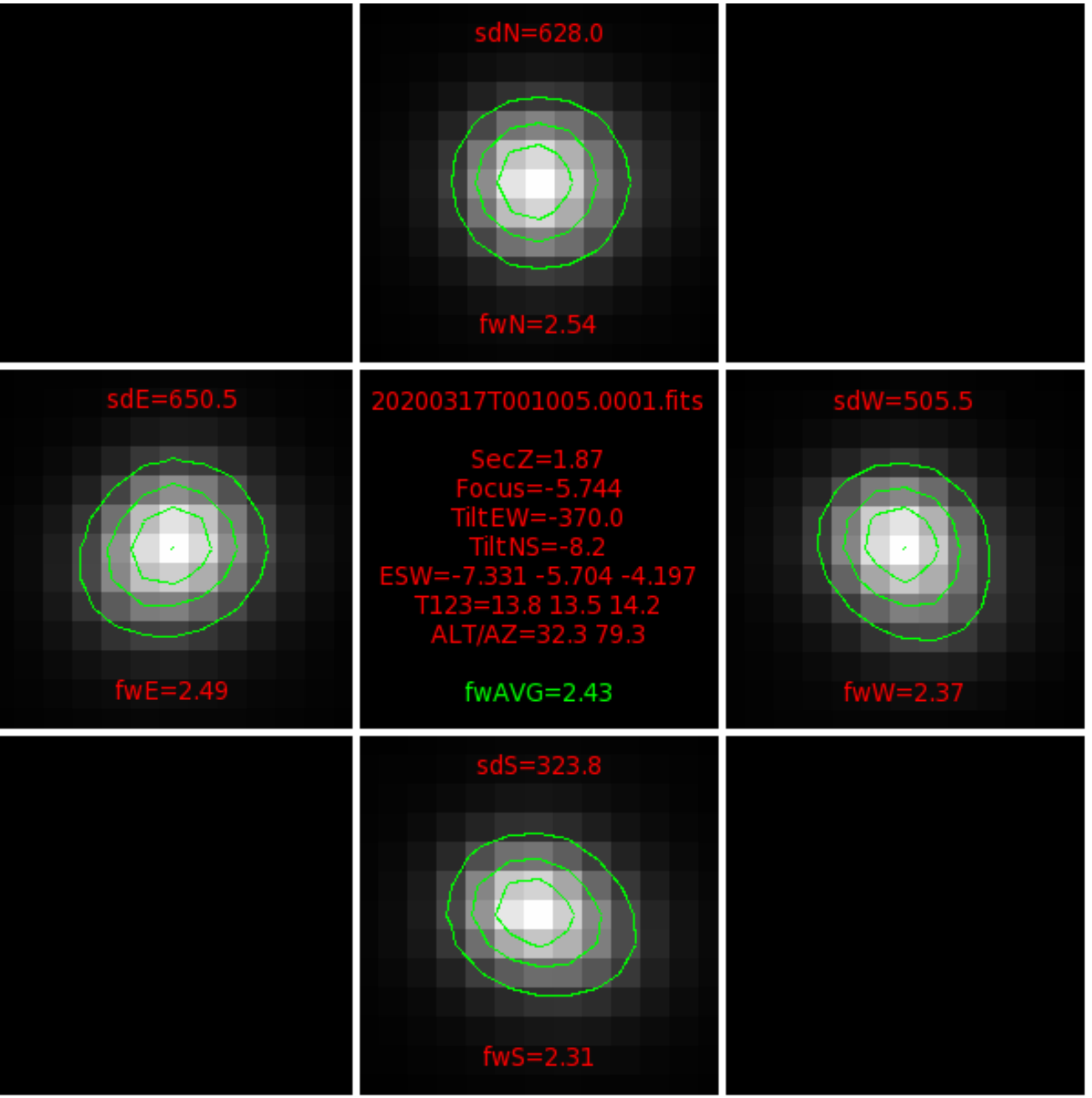
sdN=628.0
fwN=2.54
sdE=650.5
fwE=2.49
20200317T001005.0001.fits
SecZ=1.87
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.8 13.5 14.2
ALT/AZ=32.3 79.3
fwAVG=2.43
sdW=505.5
fwW=2.37
sdS=323.8
fwS=2.31
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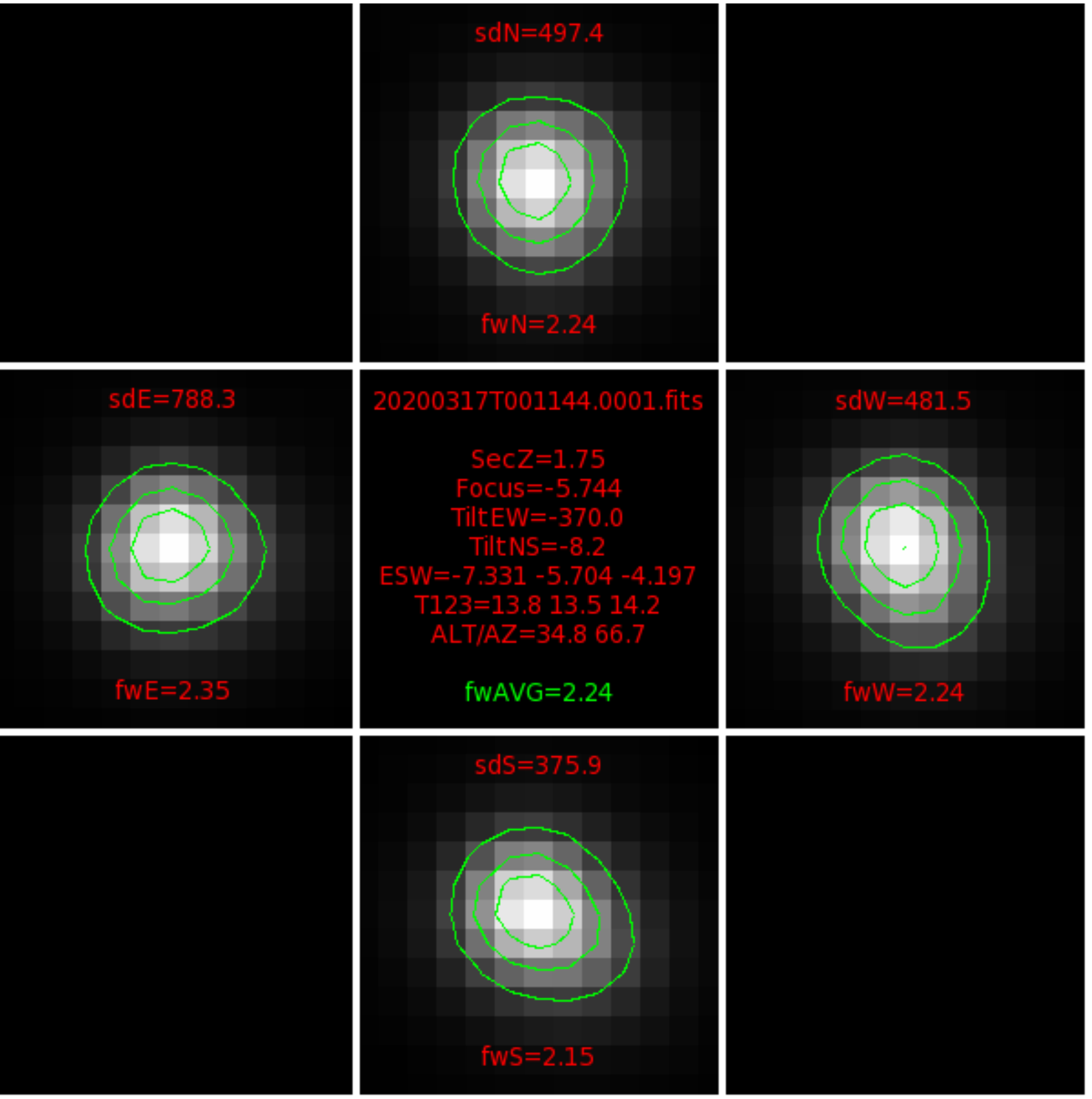
sdN=497.4
fwN=2.24
sdE=788.3
fwE=2.35
20200317T001144.0001.fits
SecZ=1.75
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.8 13.5 14.2
ALT/AZ=34.8 66.7
fwAVG=2.24
sdW=481.5
fwW=2.24
sdS=375.9
fwS=2.15
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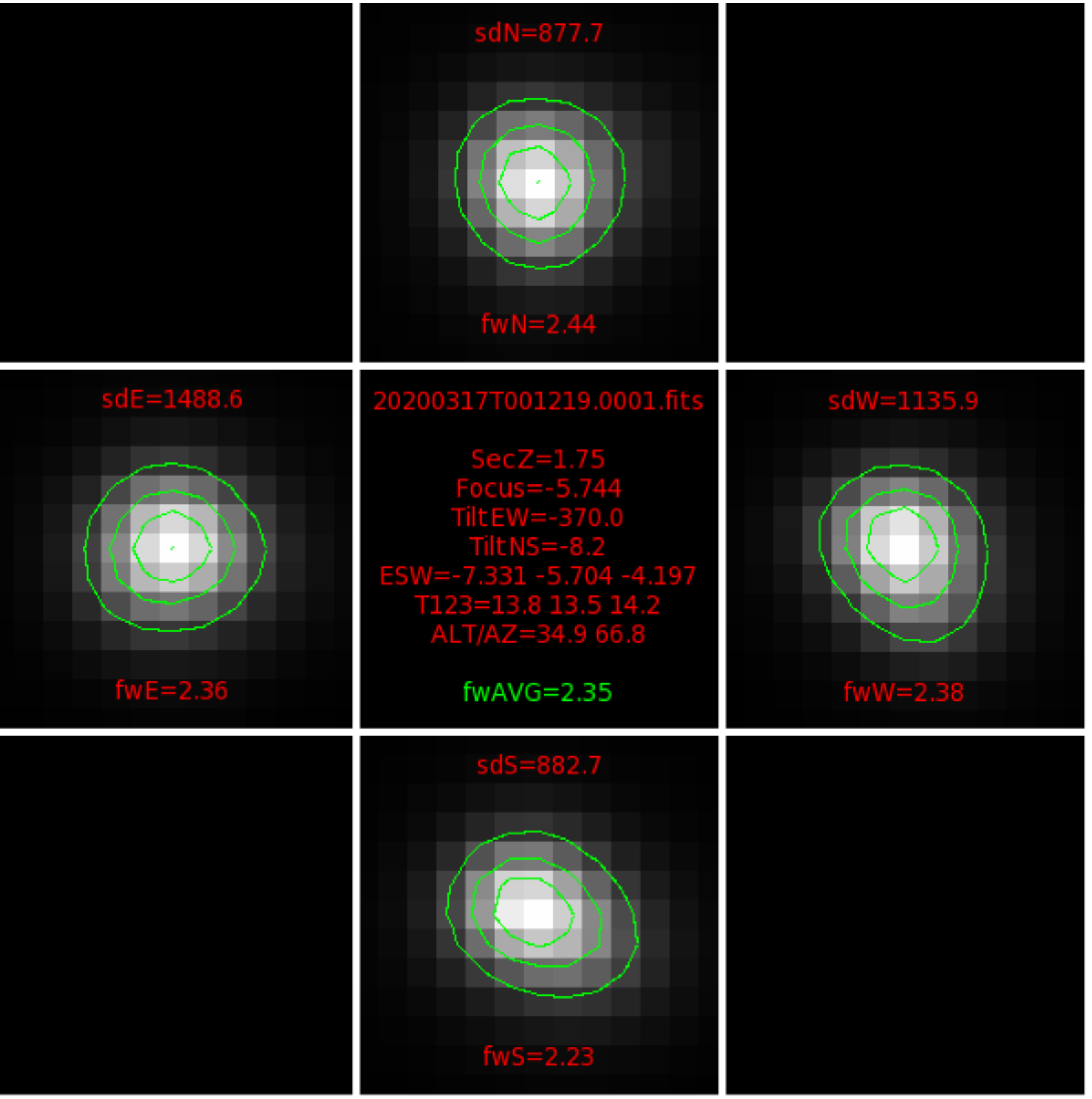
sdN=877.7
fwN=2.44
sdE=1488.6
fwE=2.36
20200317T001219.0001.fits
SecZ=1.75
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.8 13.5 14.2
ALT/AZ=34.9 66.8
fwAVG=2.35
sdW=1135.9
fwW=2.38
sdS=882.7
fwS=2.23
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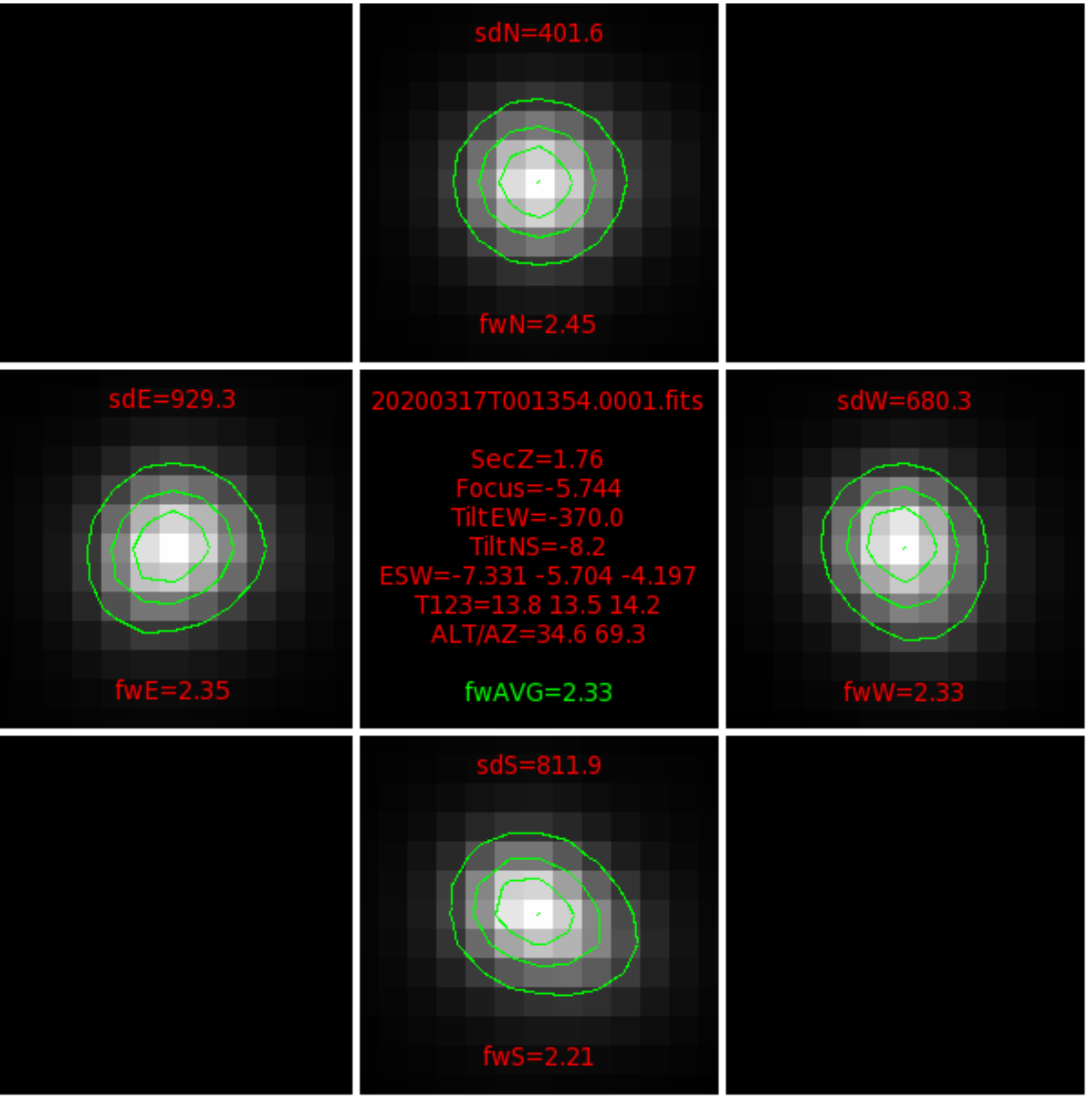
sdN=401.6
fwN=2.45
sdE=929.3
fwE=2.35
20200317T001354.0001.fits
SecZ=1.76
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.8 13.5 14.2
ALT/AZ=34.6 69.3
fwAVG=2.33
sdW=680.3
fwW=2.33
sdS=811.9
fwS=2.21
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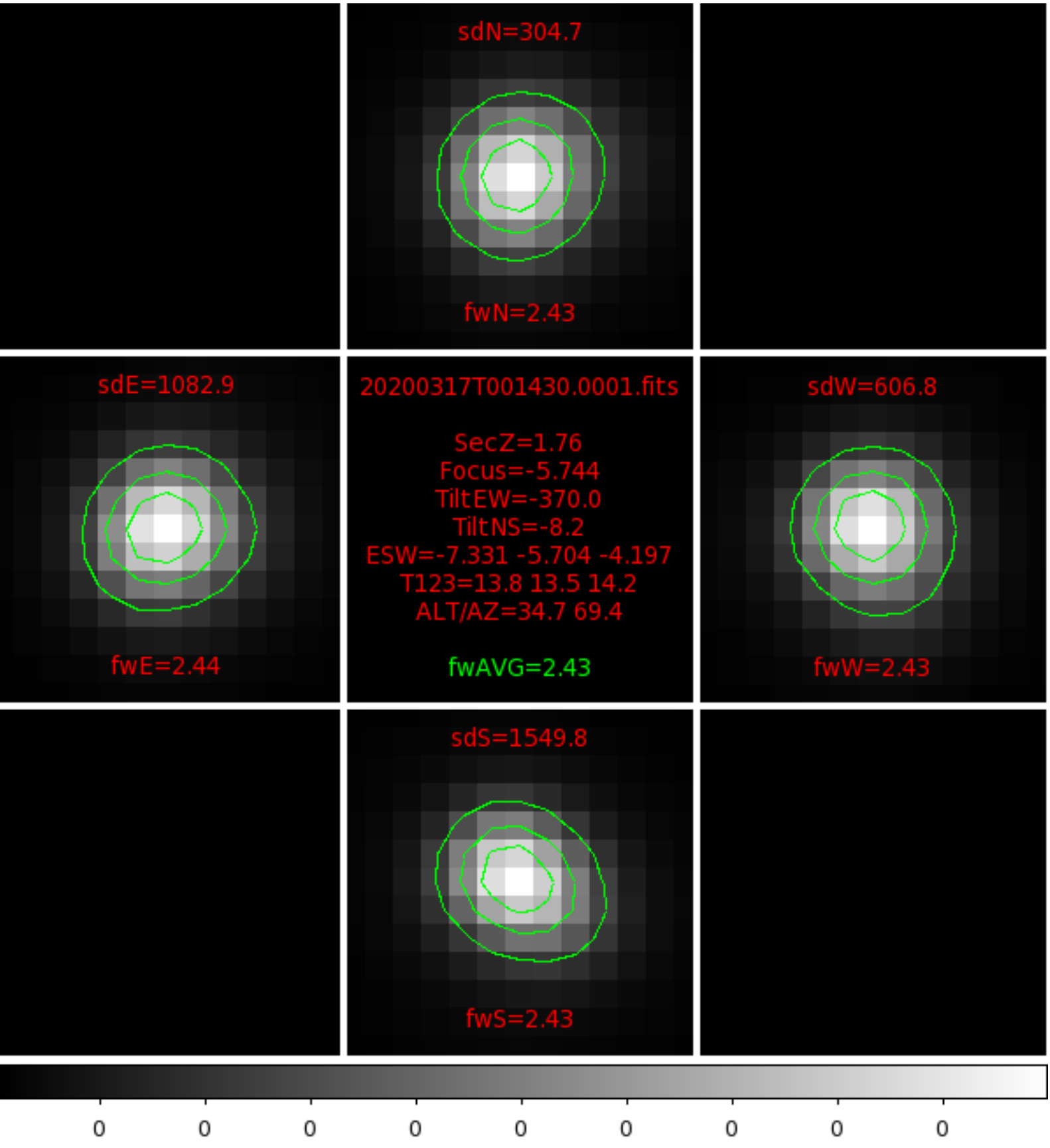
sdN=304.7
fwN=2.43
sdE=1082.9
fwE=2.44
20200317T001430.0001.fits
SecZ=1.76
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.8 13.5 14.2
ALT/AZ=34.7 69.4
fwAVG=2.43
sdW=606.8
fwW=2.43
sdS=1549.8
fwS=2.43
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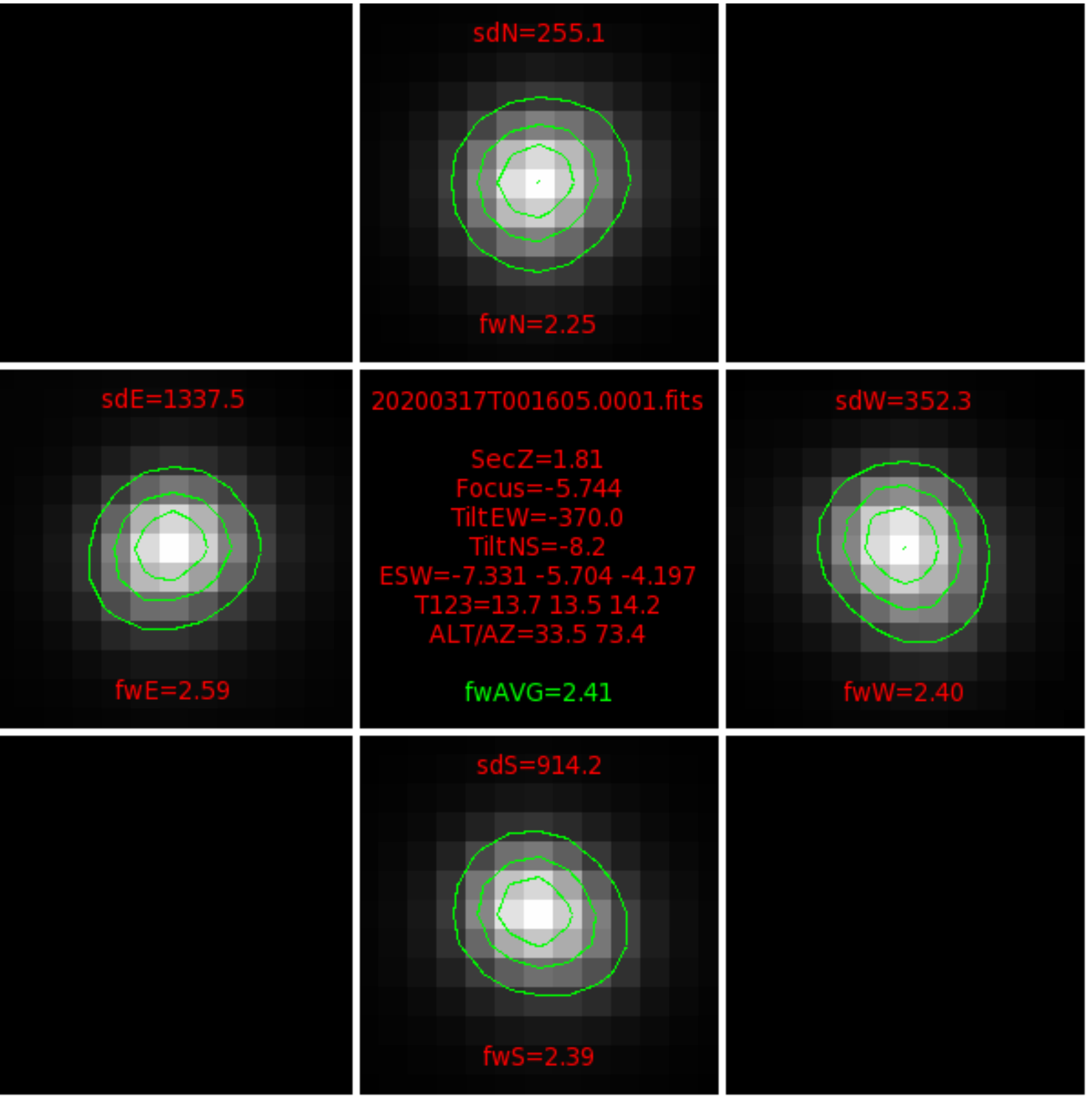
sdN=255.1
fwN=2.25
sdE=1337.5
fwE=2.59
20200317T001605.0001.fits
SecZ=1.81
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=33.5 73.4
fwAVG=2.41
sdW=352.3
fwW=2.40
sdS=914.2
fwS=2.39
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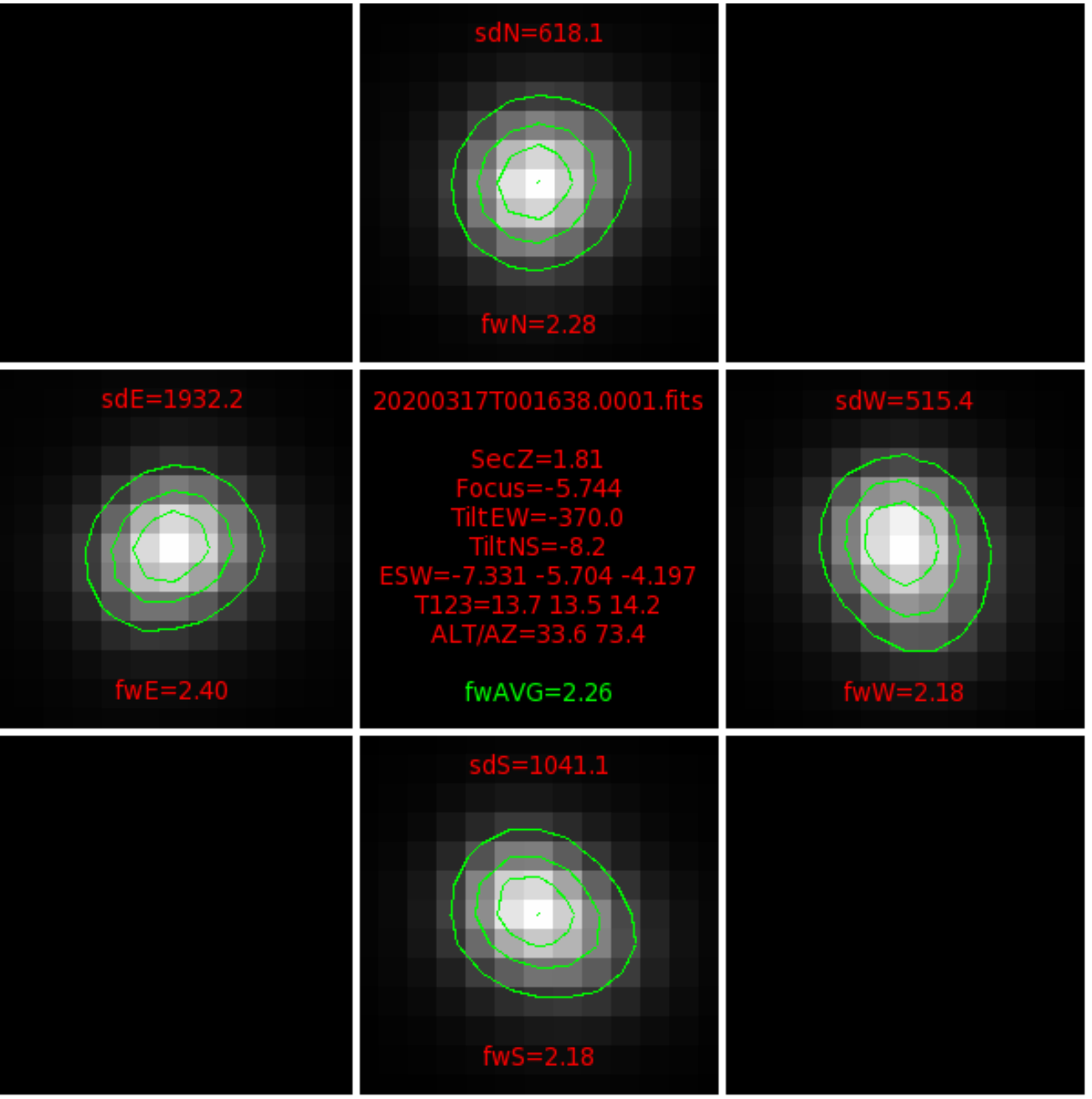
sdN=618.1
fwN=2.28
sdE=1932.2
fwE=2.40
20200317T001638.0001.fits
SecZ=1.81
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=33.6 73.4
fwAVG=2.26
sdW=515.4
fwW=2.18
sdS=1041.1
fwS=2.18
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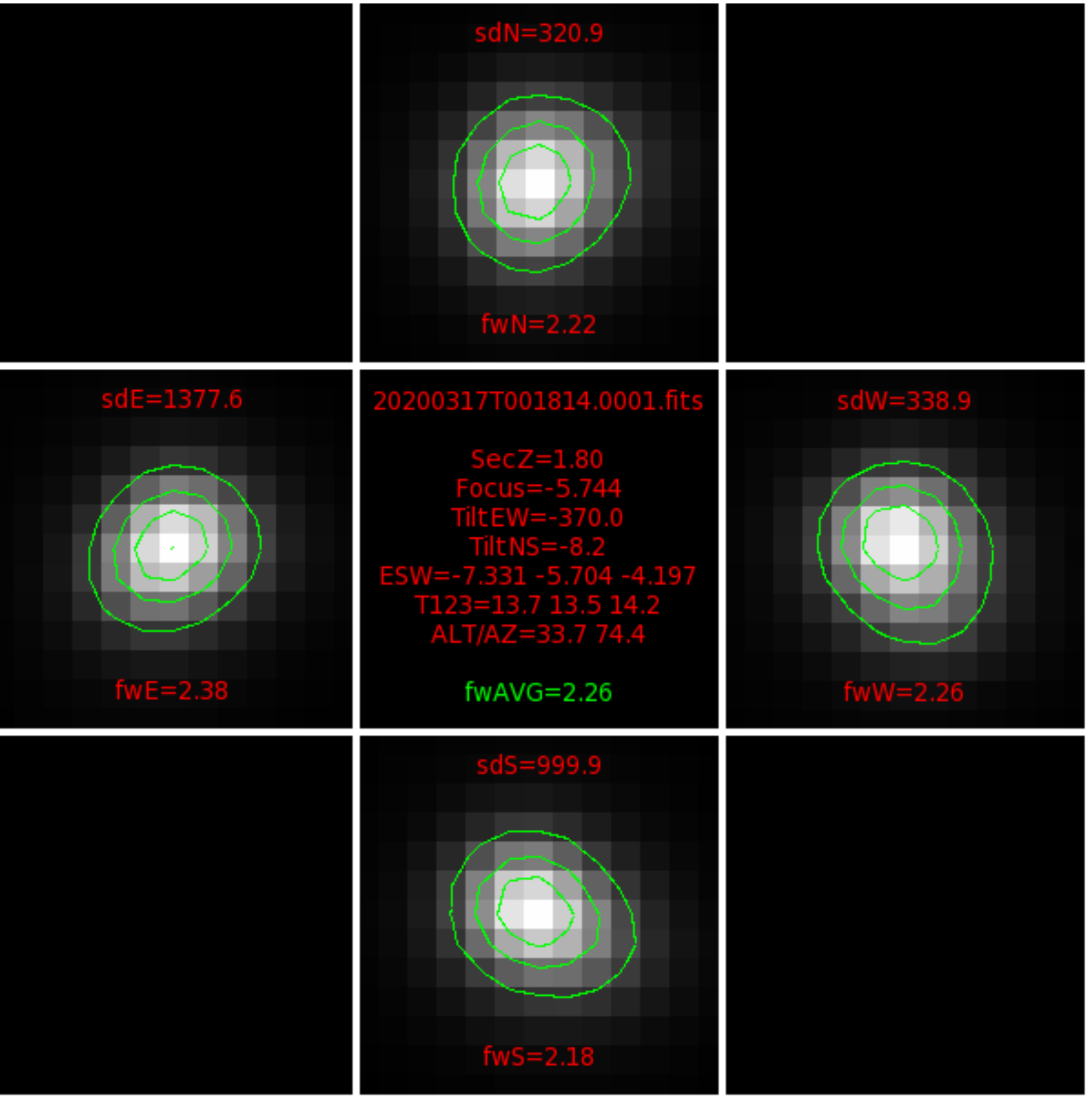
sdN=320.9
fwN=2.22
sdE=1377.6
fwE=2.38
20200317T001814.0001.fits
SecZ=1.80
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=33.7 74.4
fwAVG=2.26
sdW=338.9
fwW=2.26
sdS=999.9
fwS=2.18
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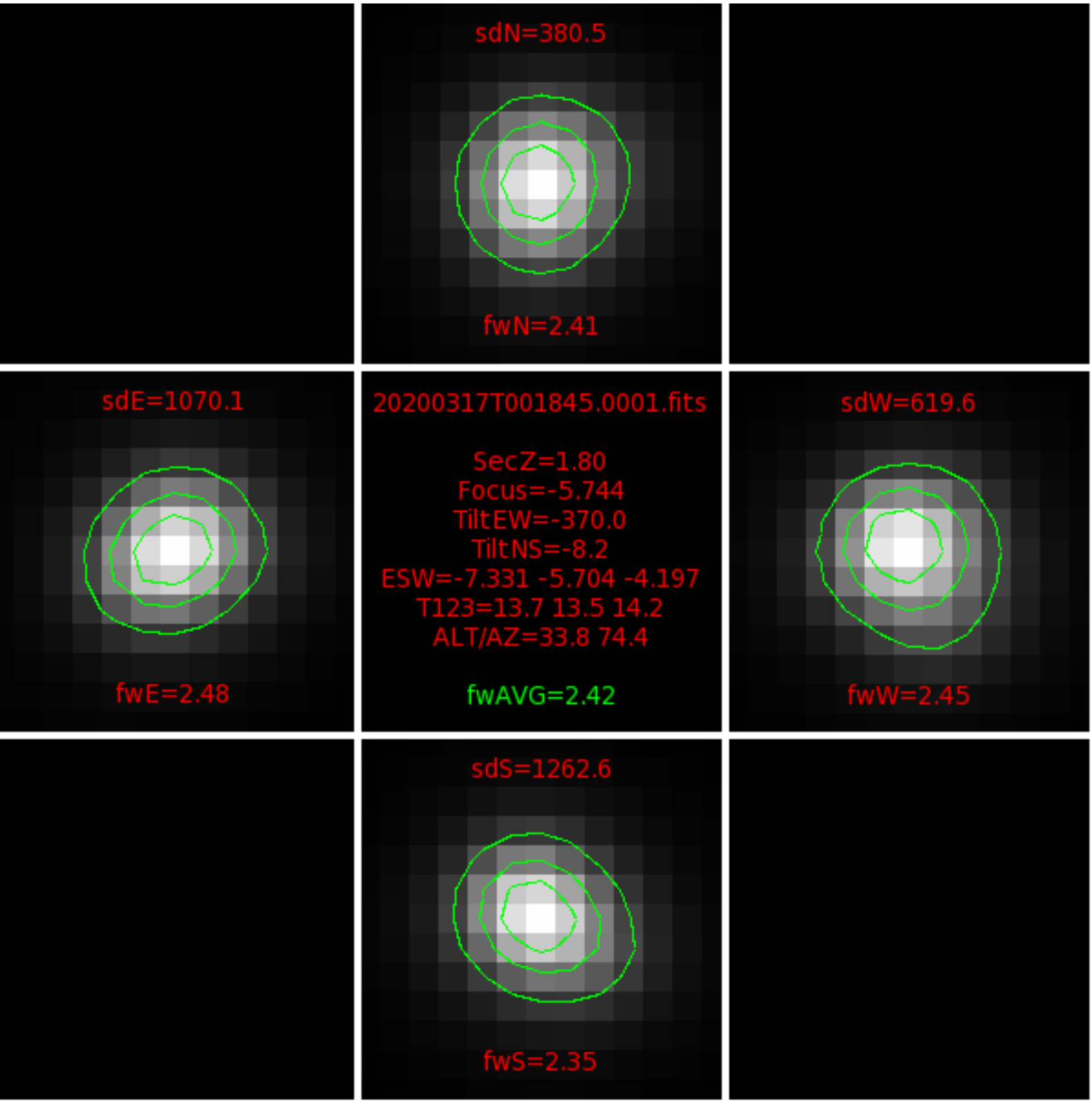
sdN=380.5
fwN=2.41
sdE=1070.1
fwE=2.48
20200317T001845.0001.fits
SecZ=1.80
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=33.8 74.4
fwAVG=2.42
sdW=619.6
fwW=2.45
sdS=1262.6
fwS=2.35
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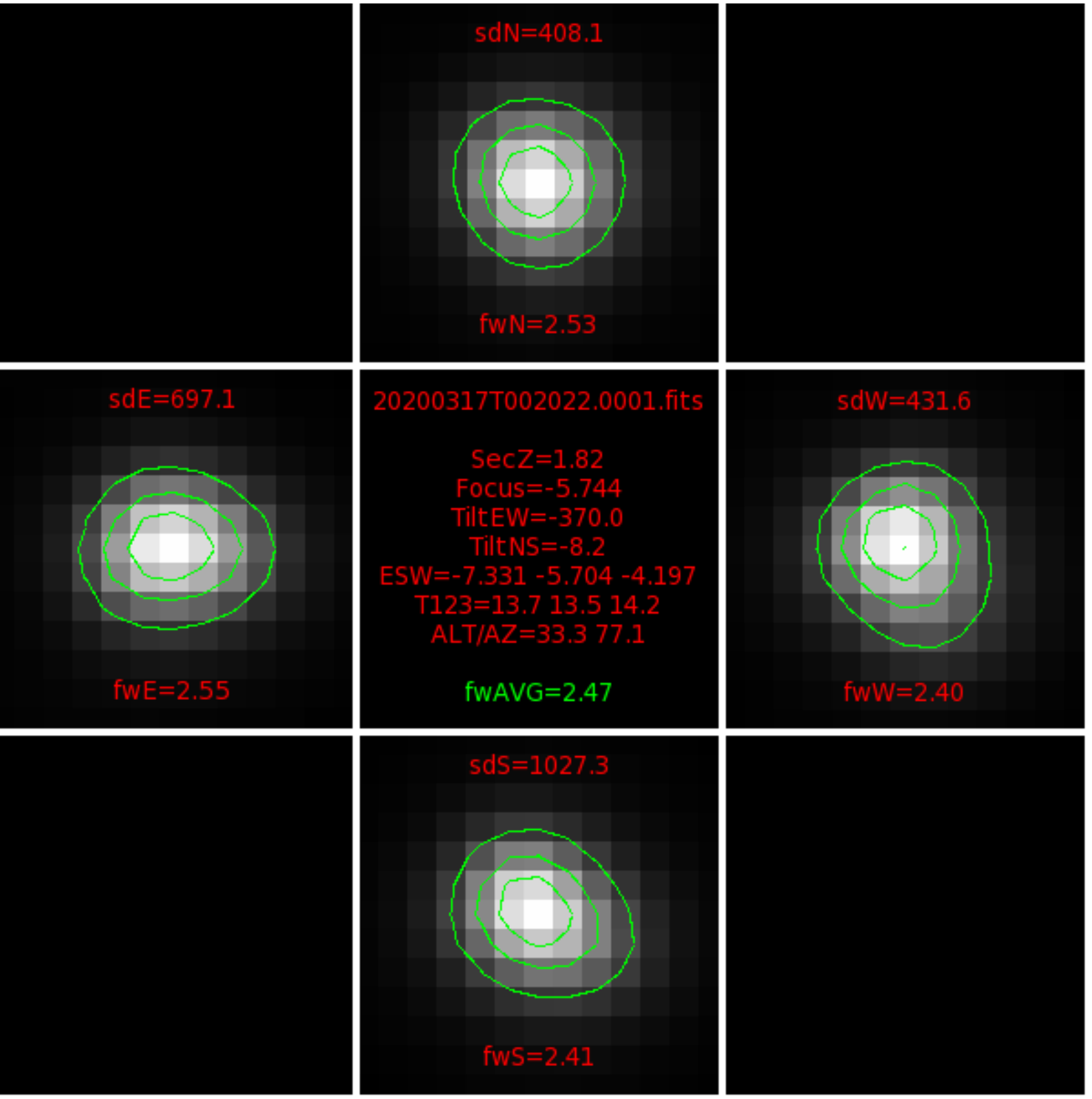
sdN=408.1
fwN=2.53
sdE=697.1
fwE=2.55
20200317T002022.0001.fits
SecZ=1.82
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=33.3 77.1
fwAVG=2.47
sdW=431.6
fwW=2.40
sdS=1027.3
fwS=2.41
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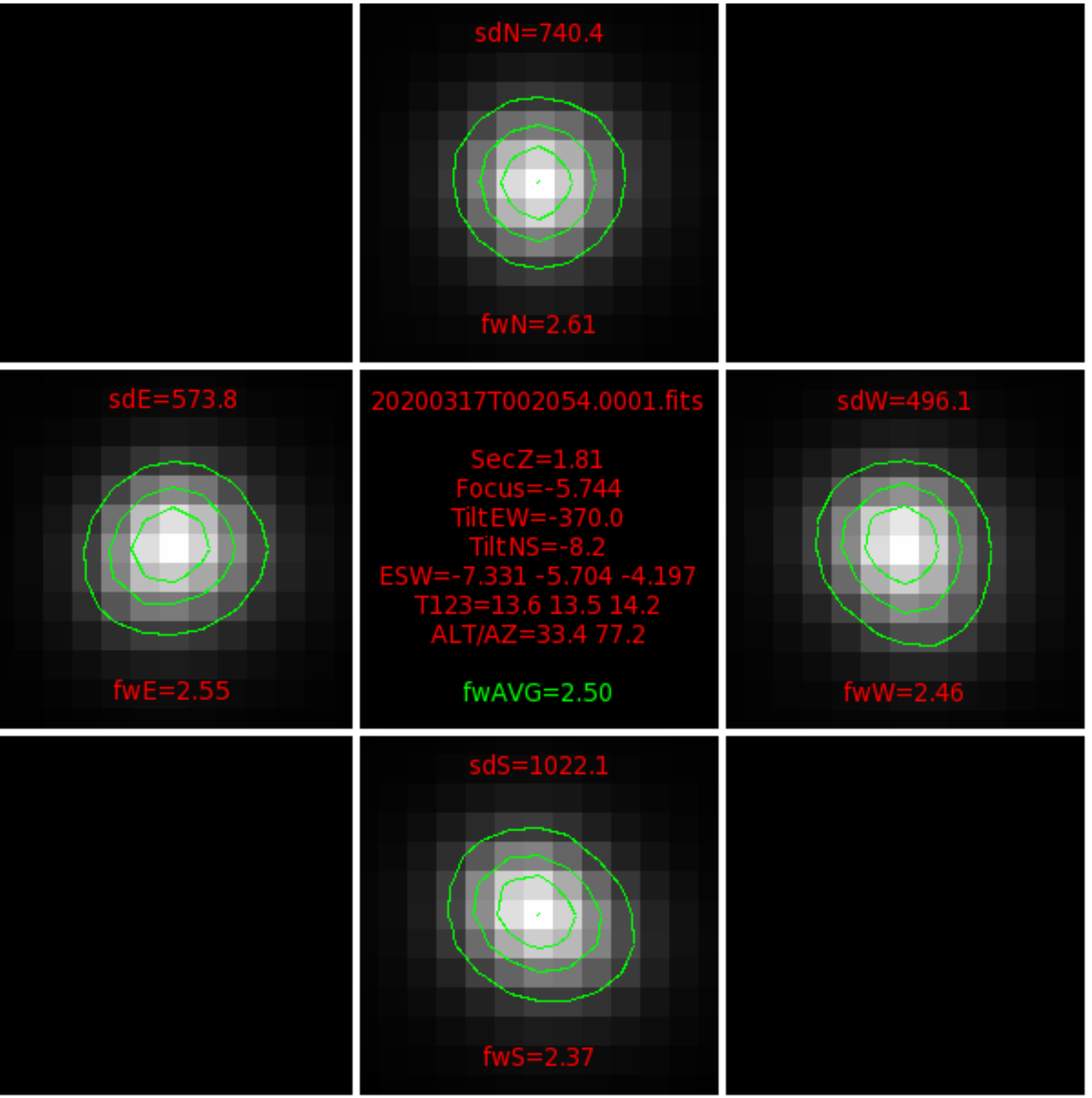
sdN=740.4
fwN=2.61
sdE=573.8
fwE=2.55
20200317T002054.0001.fits
SecZ=1.81
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.2
ALT/AZ=33.4 77.2
fwAVG=2.50
sdW=496.1
fwW=2.46
sdS=1022.1
fwS=2.37
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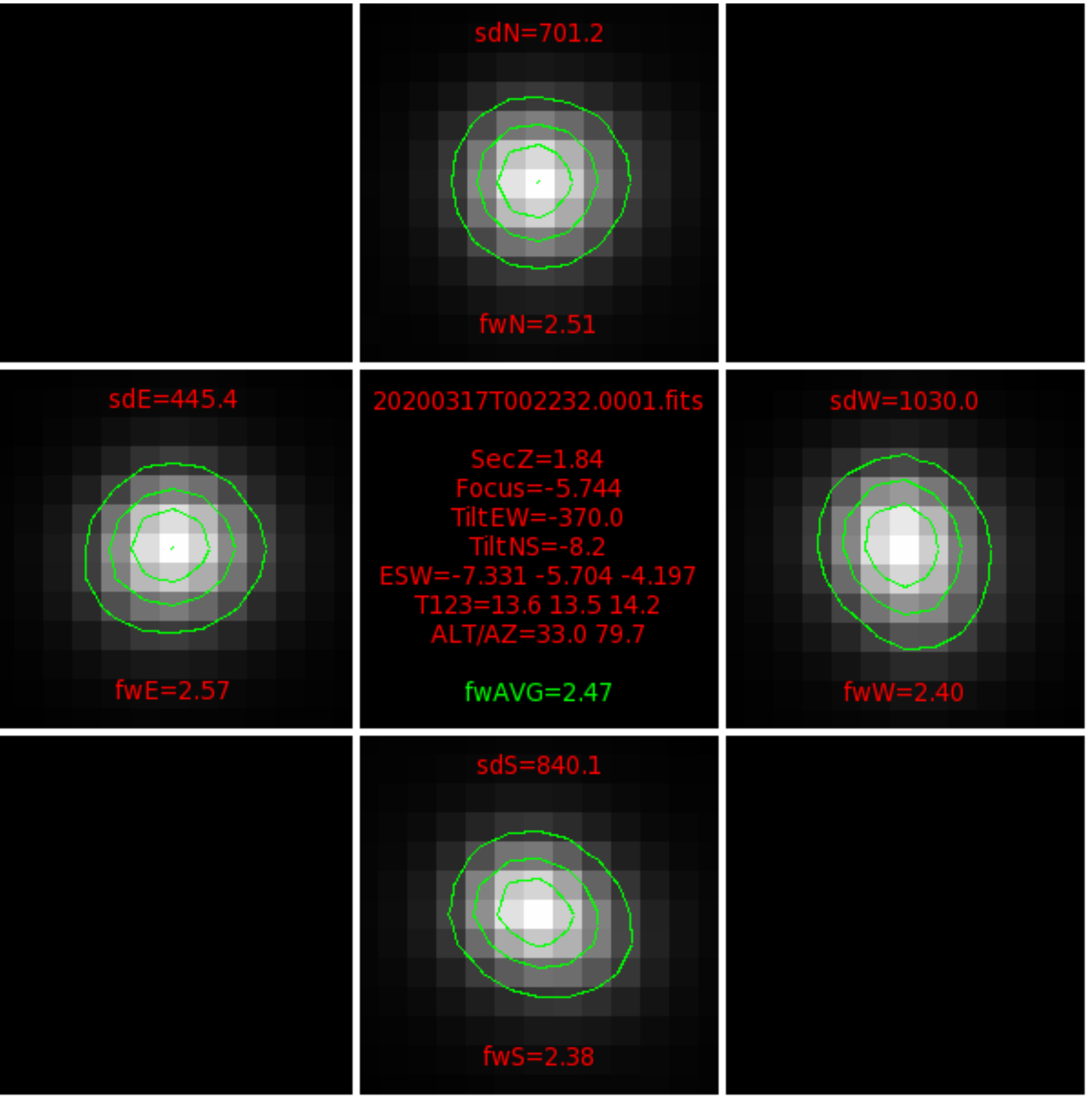
sdN=701.2
fwN=2.51
sdE=445.4
fwE=2.57
20200317T002232.0001.fits
SecZ=1.84
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.2
ALT/AZ=33.0 79.7
fwAVG=2.47
sdW=1030.0
fwW=2.40
sdS=840.1
fwS=2.38
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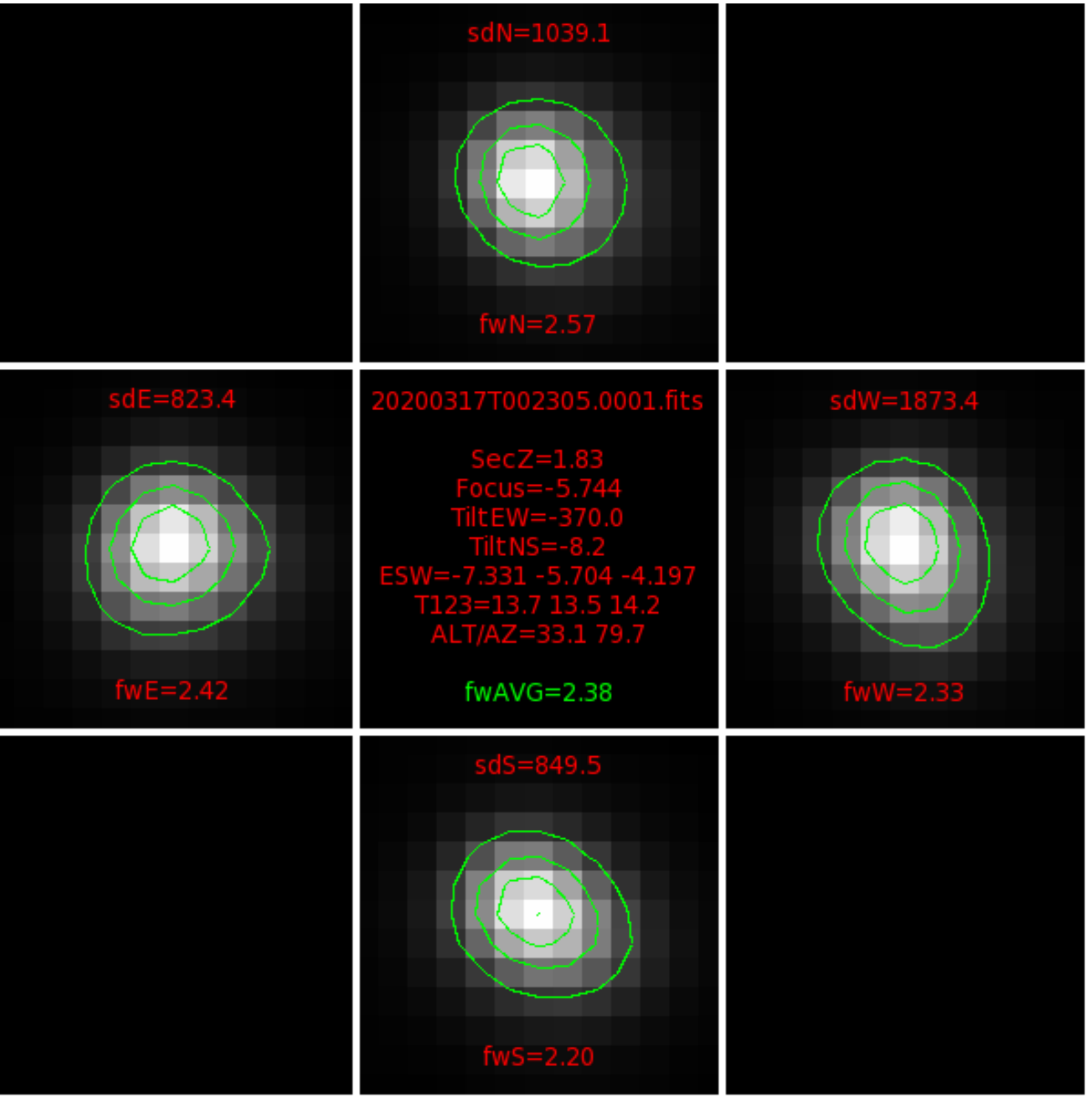
sdN=1039.1
fwN=2.57
sdE=823.4
fwE=2.42
20200317T002305.0001.fits
SecZ=1.83
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=33.1 79.7
fwAVG=2.38
sdW=1873.4
fwW=2.33
sdS=849.5
fwS=2.20
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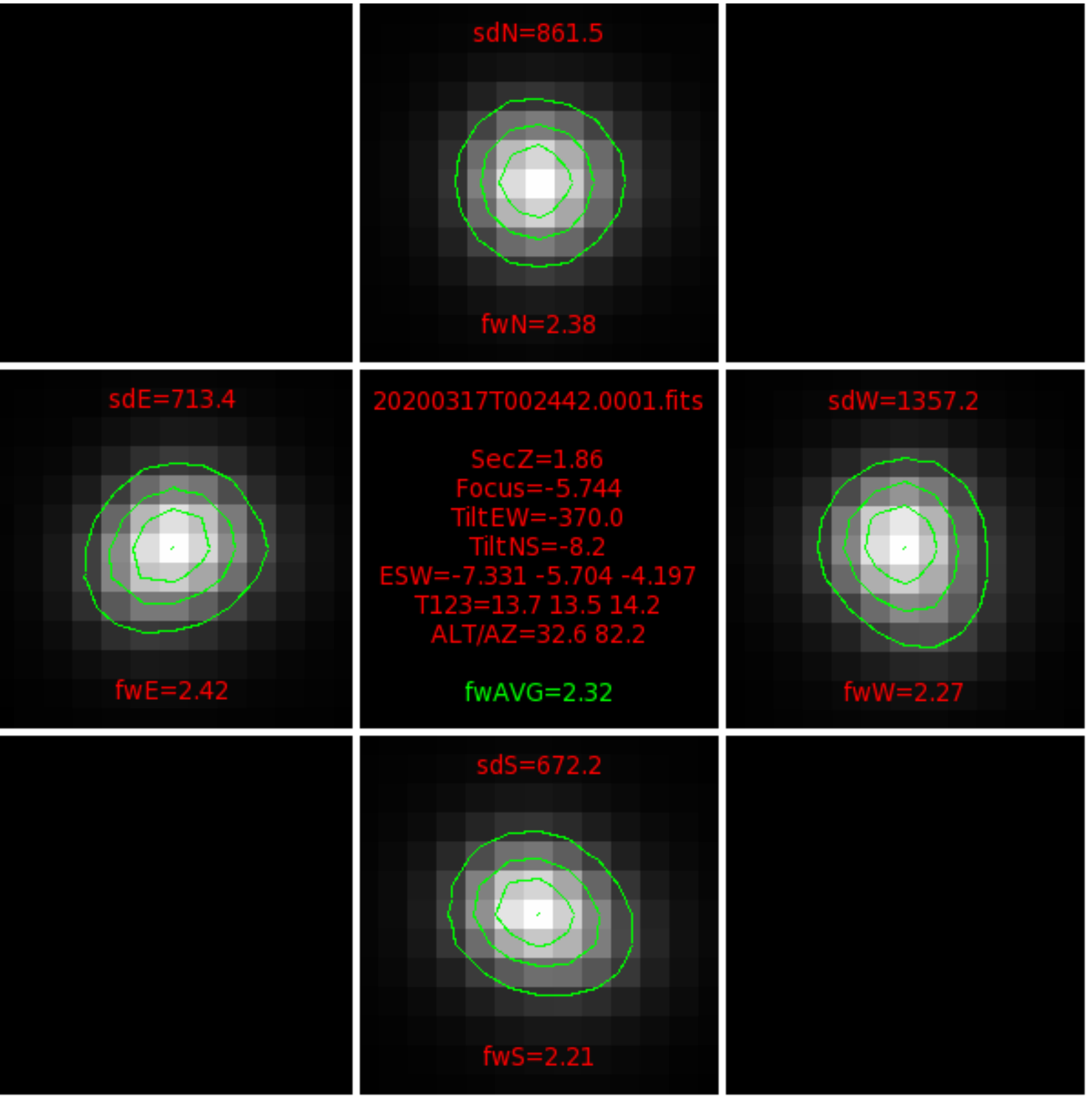
sdN=861.5
fwN=2.38
sdE=713.4
fwE=2.42
20200317T002442.0001.fits
SecZ=1.86
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=32.6 82.2
fwAVG=2.32
sdW=1357.2
fwW=2.27
sdS=672.2
fwS=2.21
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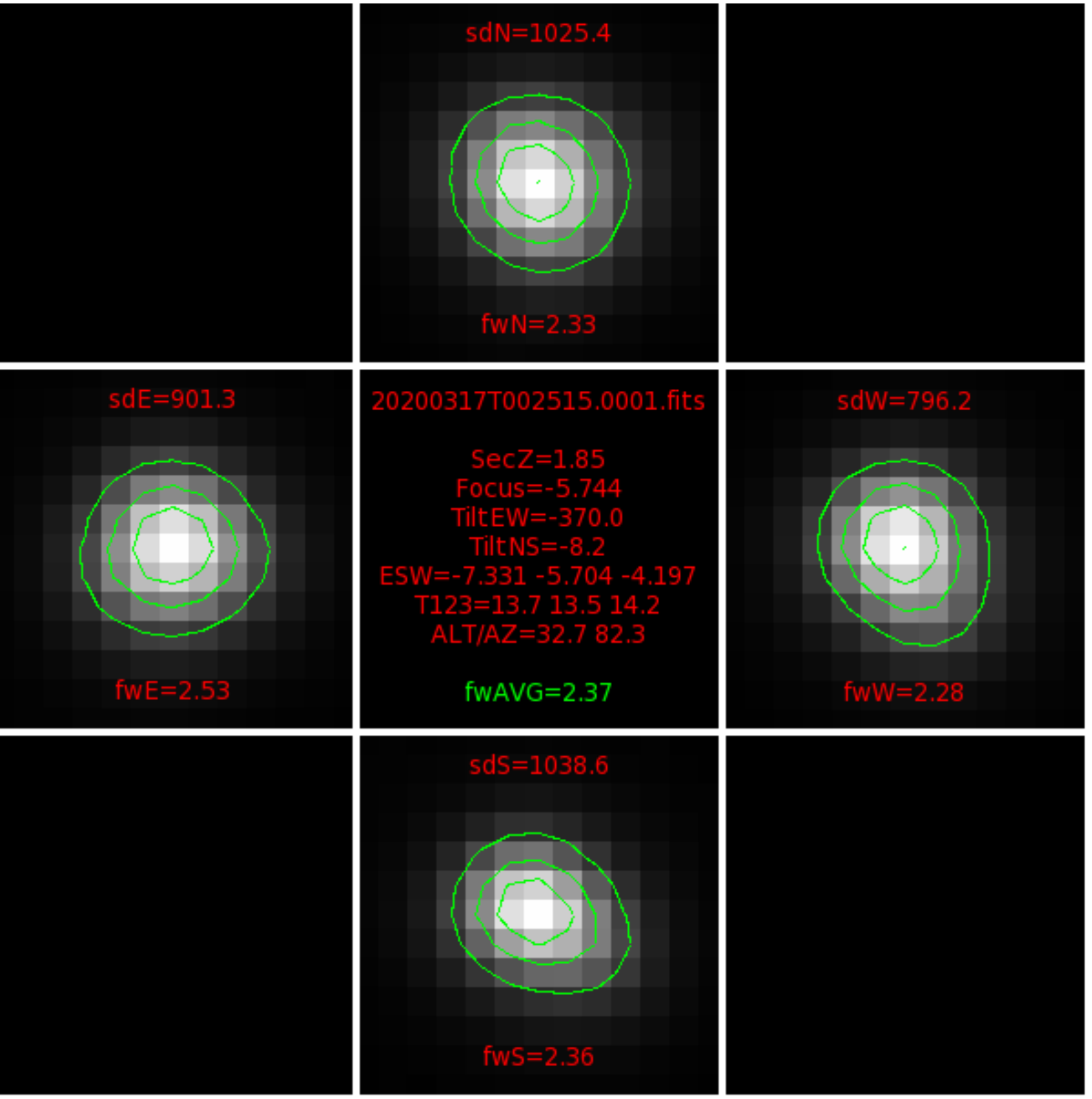
sdN=1025.4
fwN=2.33
sdE=901.3
fwE=2.53
20200317T002515.0001.fits
SecZ=1.85
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=32.7 82.3
fwAVG=2.37
sdW=796.2
fwW=2.28
sdS=1038.6
fwS=2.36
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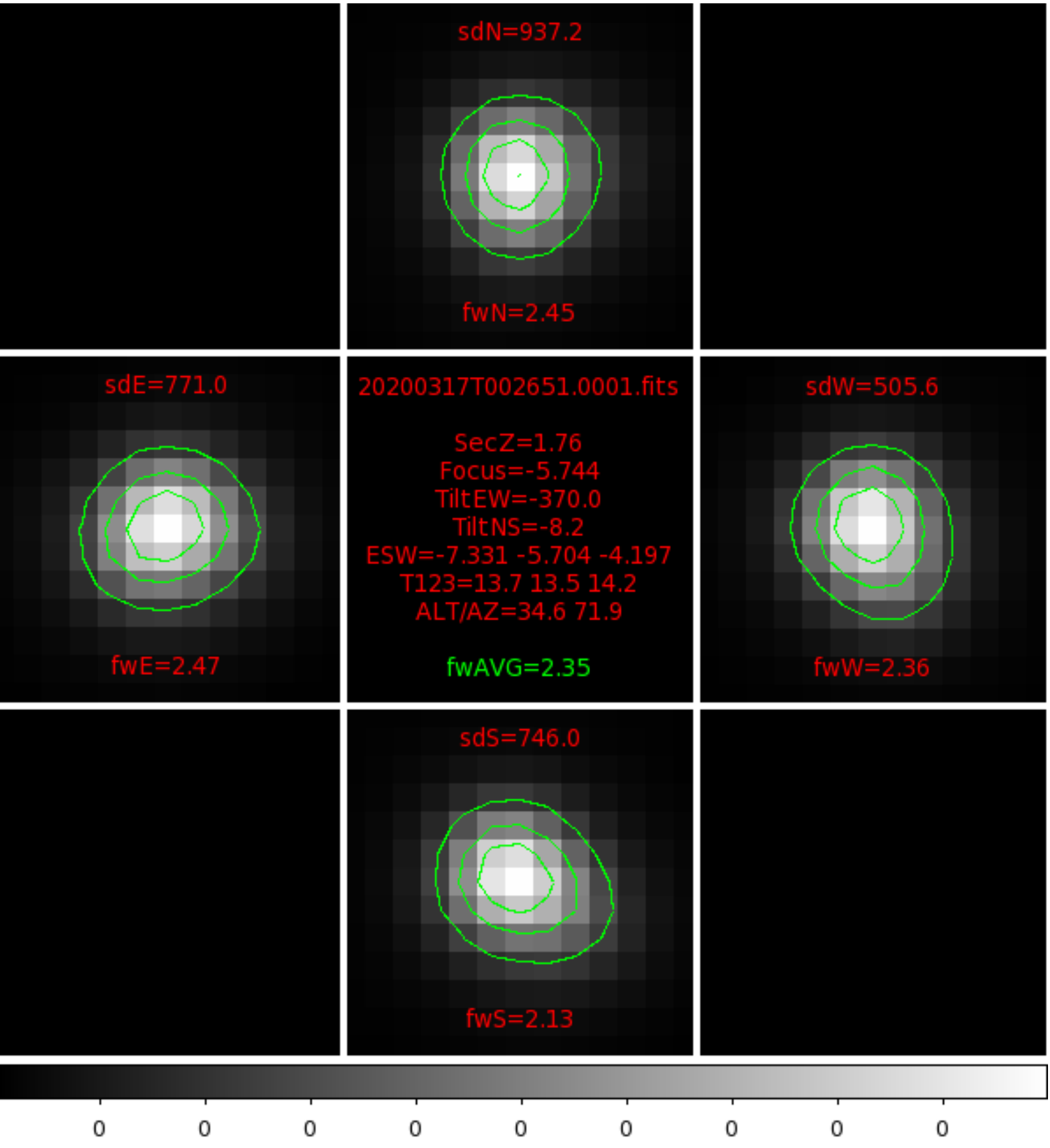
sdN=937.2
fwN=2.45
sdE=771.0
fwE=2.47
20200317T002651.0001.fits
SecZ=1.76
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=34.6 71.9
fwAVG=2.35
sdW=505.6
fwW=2.36
sdS=746.0
fwS=2.13
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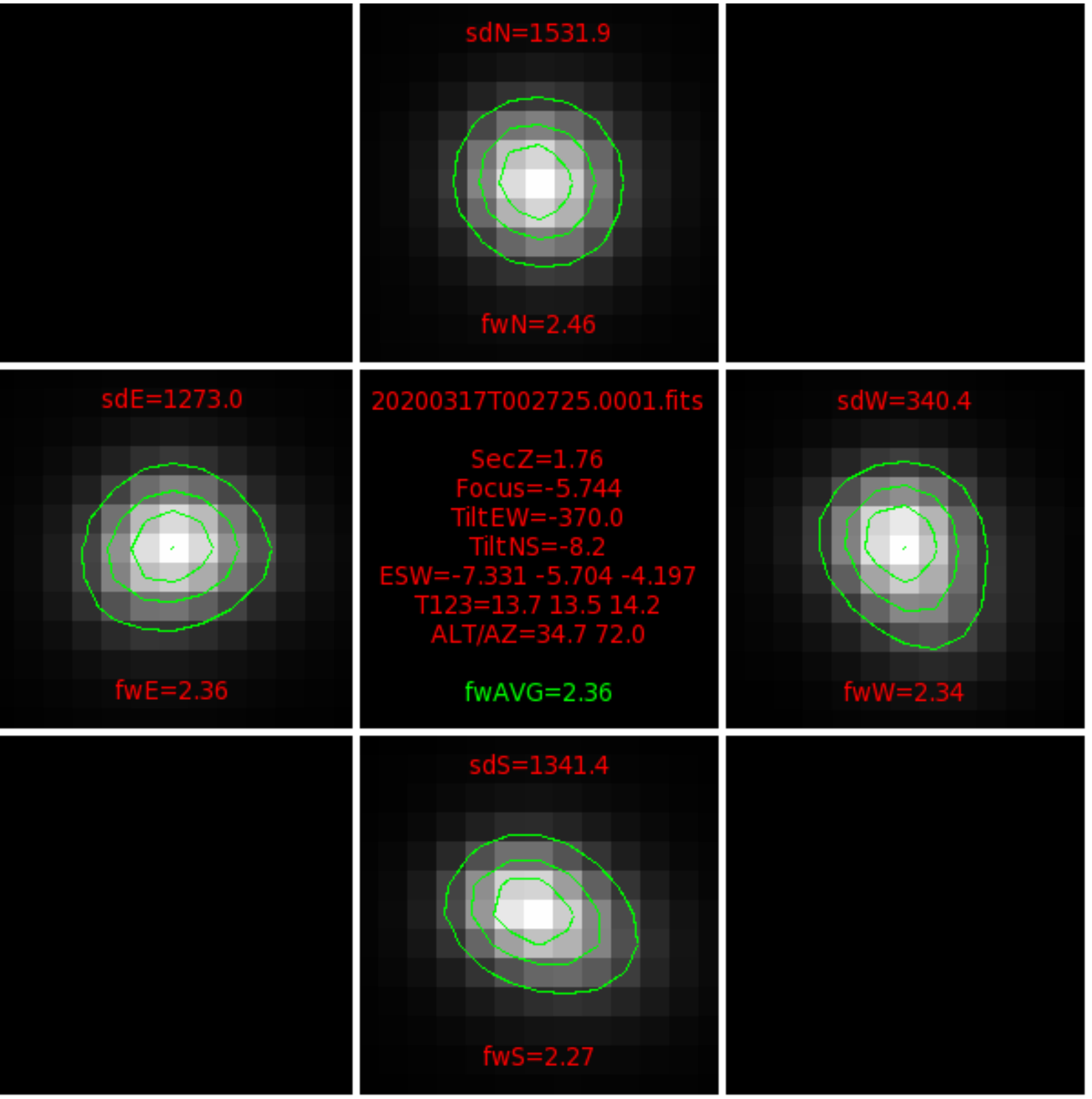
sdN=1531.9
fwN=2.46
sdE=1273.0
fwE=2.36
20200317T002725.0001.fits
SecZ=1.76
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=34.7 72.0
fwAVG=2.36
sdW=340.4
fwW=2.34
sdS=1341.4
fwS=2.27
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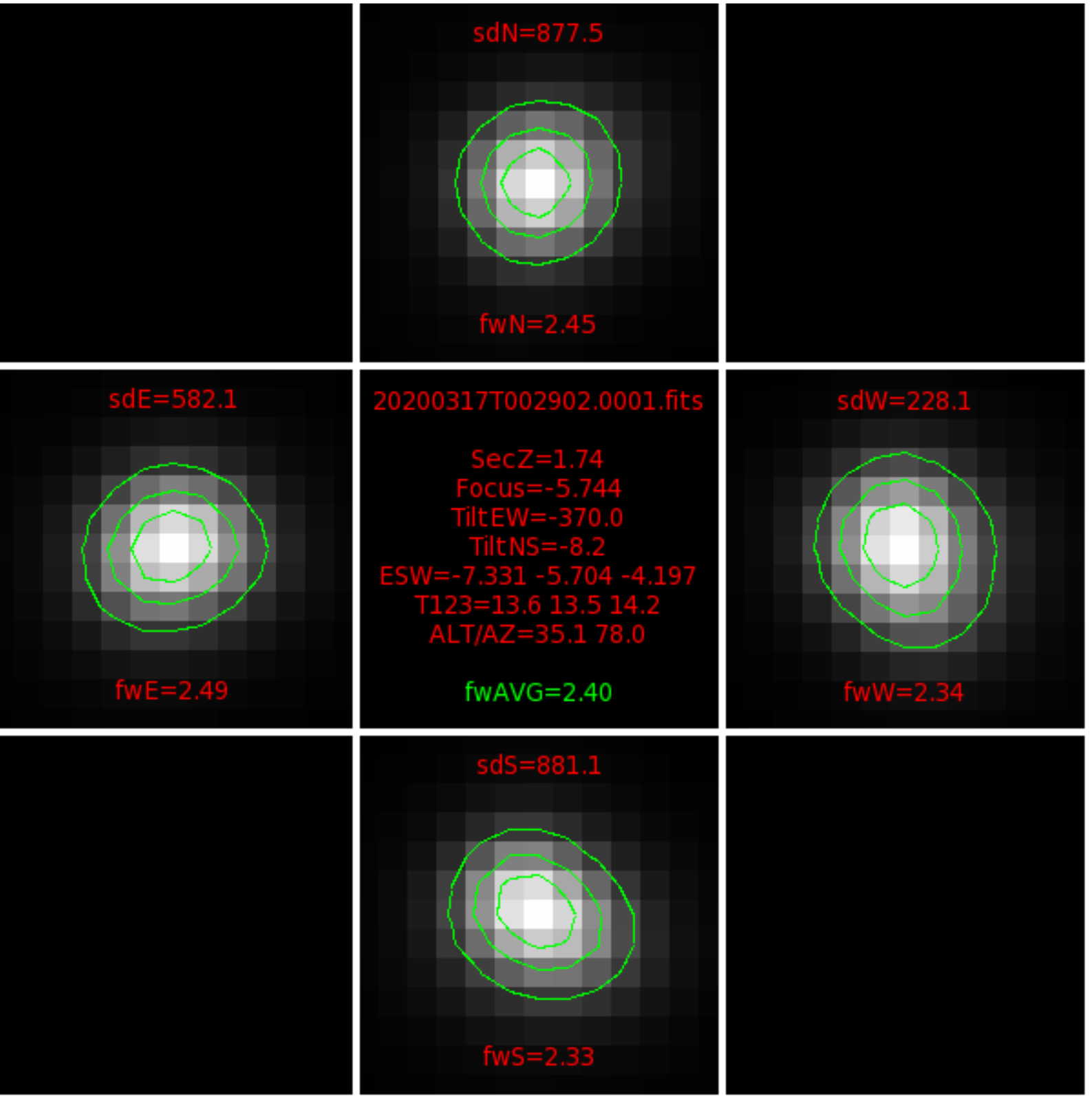
sdN=877.5
fwN=2.45
sdE=582.1
fwE=2.49
20200317T002902.0001.fits
SecZ=1.74
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.2
ALT/AZ=35.1 78.0
fwAVG=2.40
sdW=228.1
fwW=2.34
sdS=881.1
fwS=2.33
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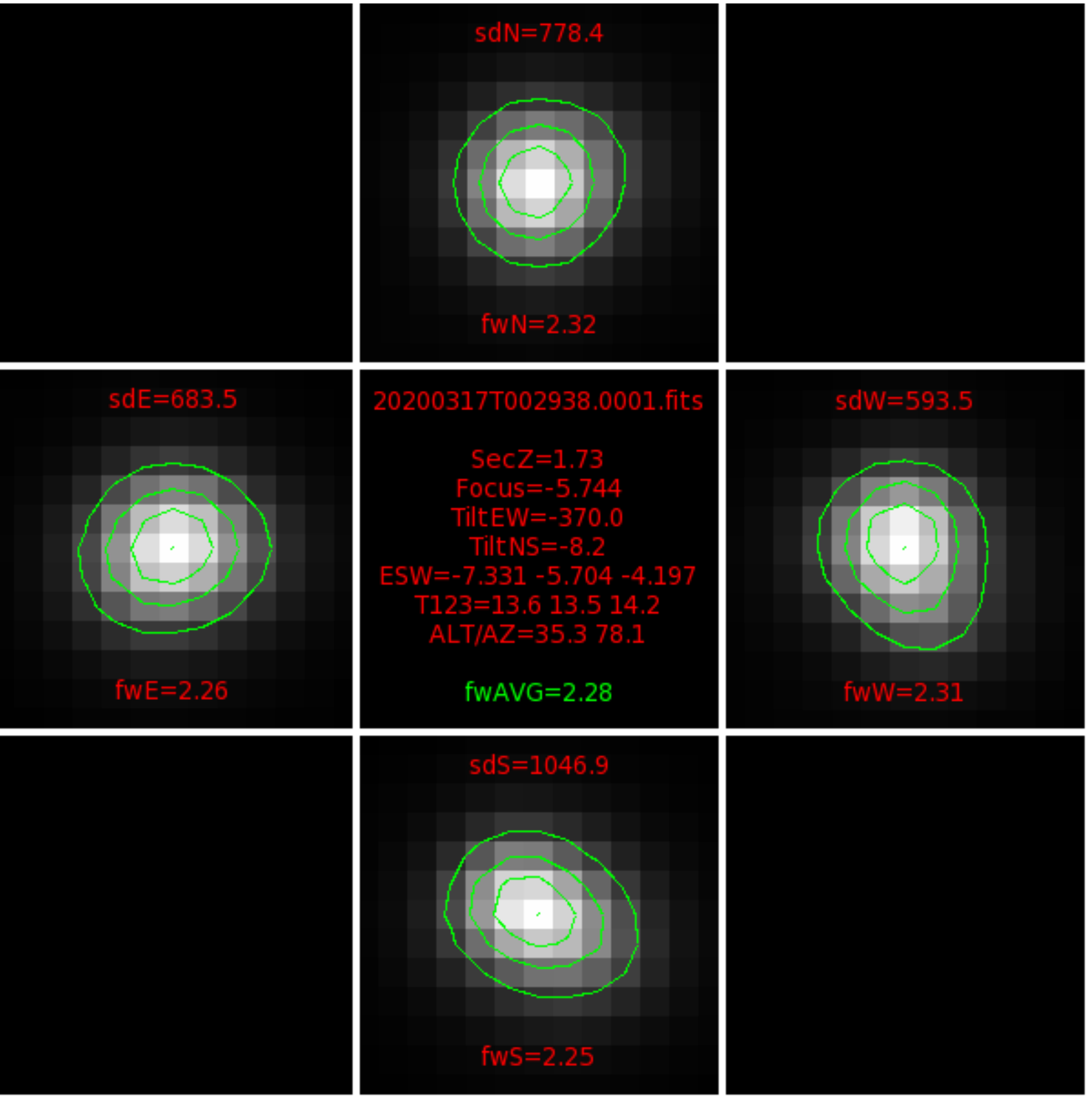
sdN=778.4
fwN=2.32
sdE=683.5
fwE=2.26
20200317T002938.0001.fits
SecZ=1.73
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.2
ALT/AZ=35.3 78.1
fwAVG=2.28
sdW=593.5
fwW=2.31
sdS=1046.9
fwS=2.25
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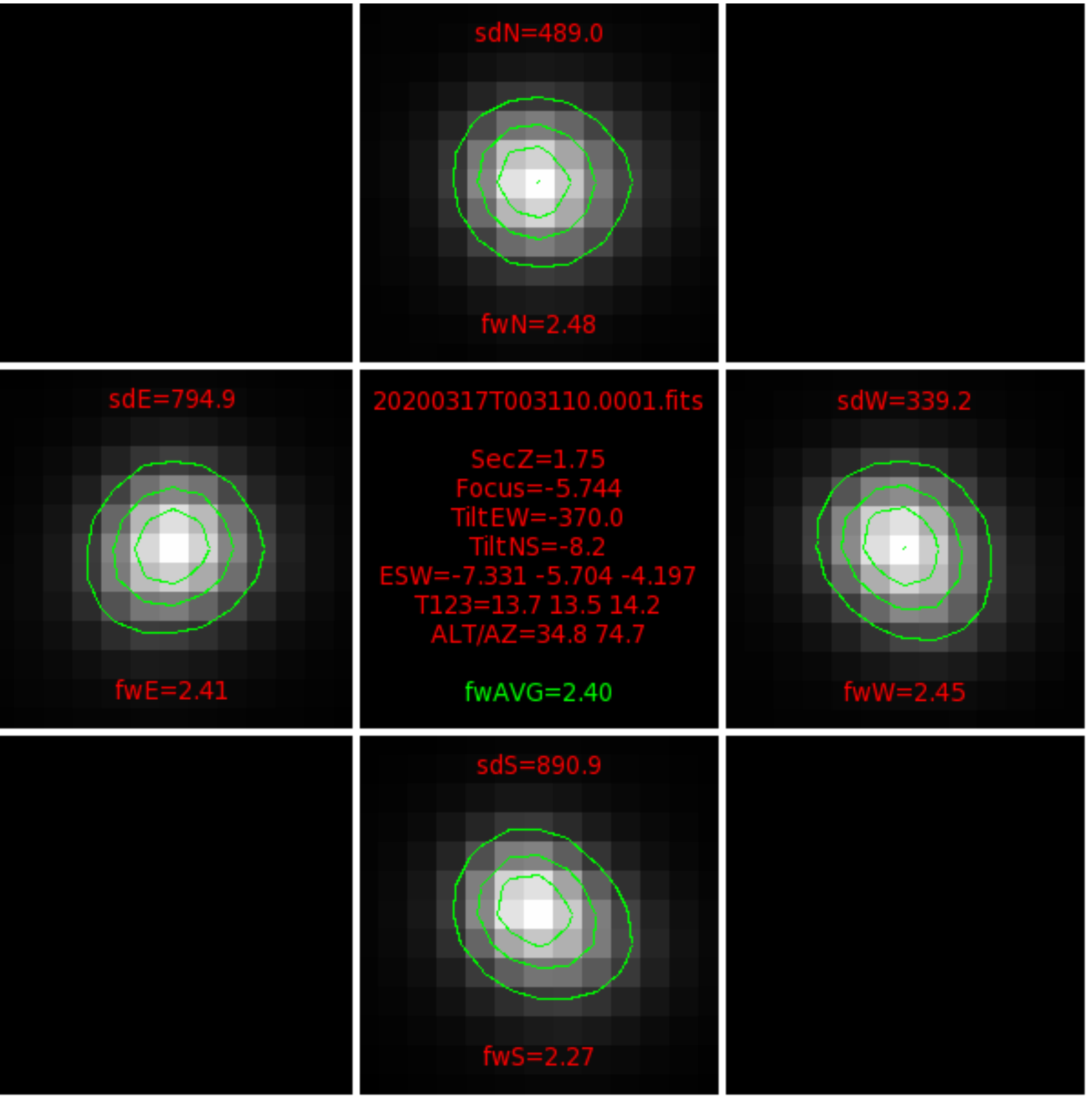
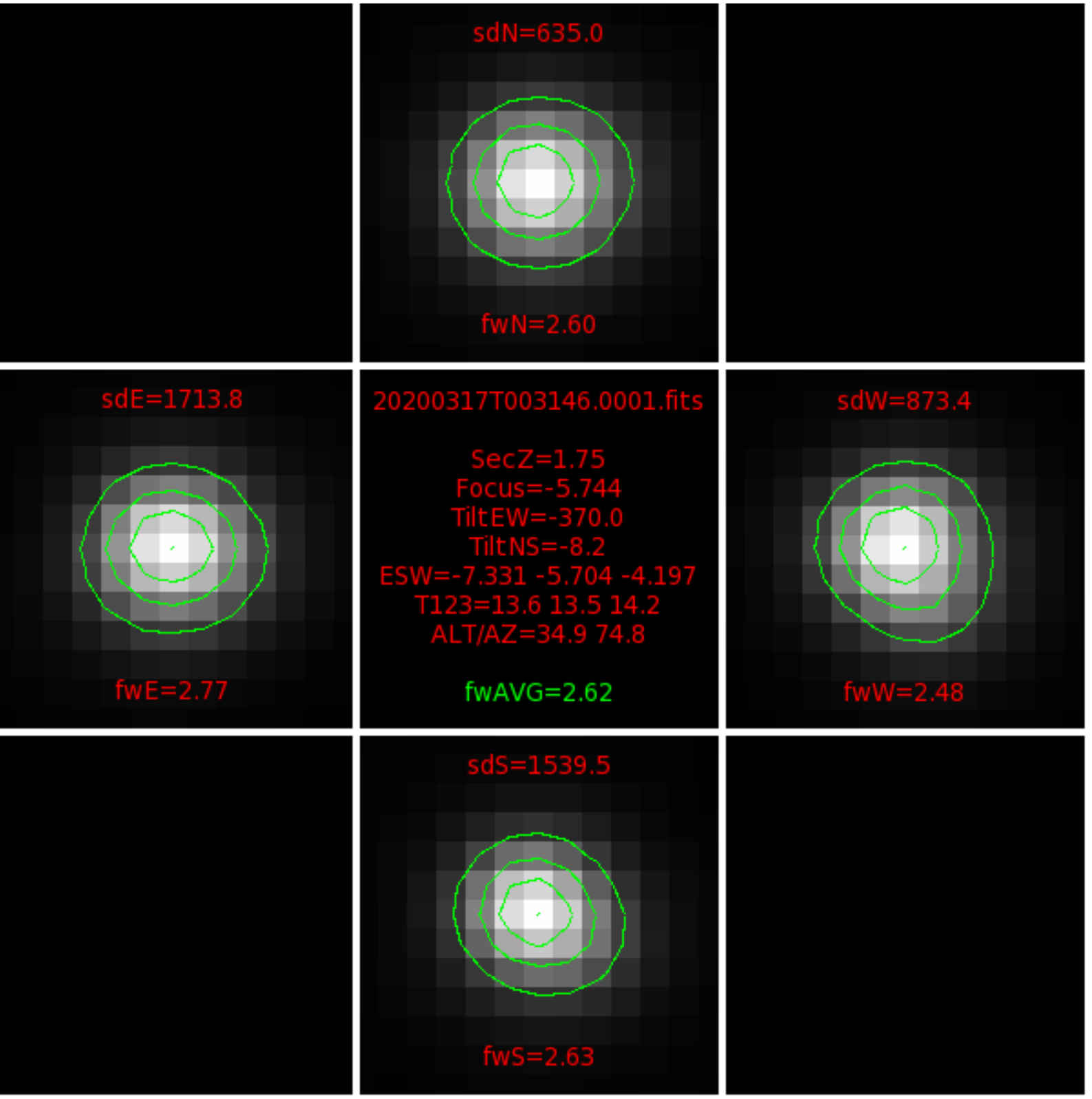

sdN=489.0
fwN=2.48
sdE=794.9
fwE=2.41
20200317T003110.0001.fits
SecZ=1.75
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=34.8 74.7
fwAVG=2.40
sdW=339.2
fwW=2.45
sdS=890.9
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=635.0
fwN=2.60
sdE=1713.8
fwE=2.77
20200317T003146.0001.fits
SecZ=1.75
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.2
ALT/AZ=34.9 74.8
fwAVG=2.62
sdW=873.4
fwW=2.48
sdS=1539.5
fwS=2.63
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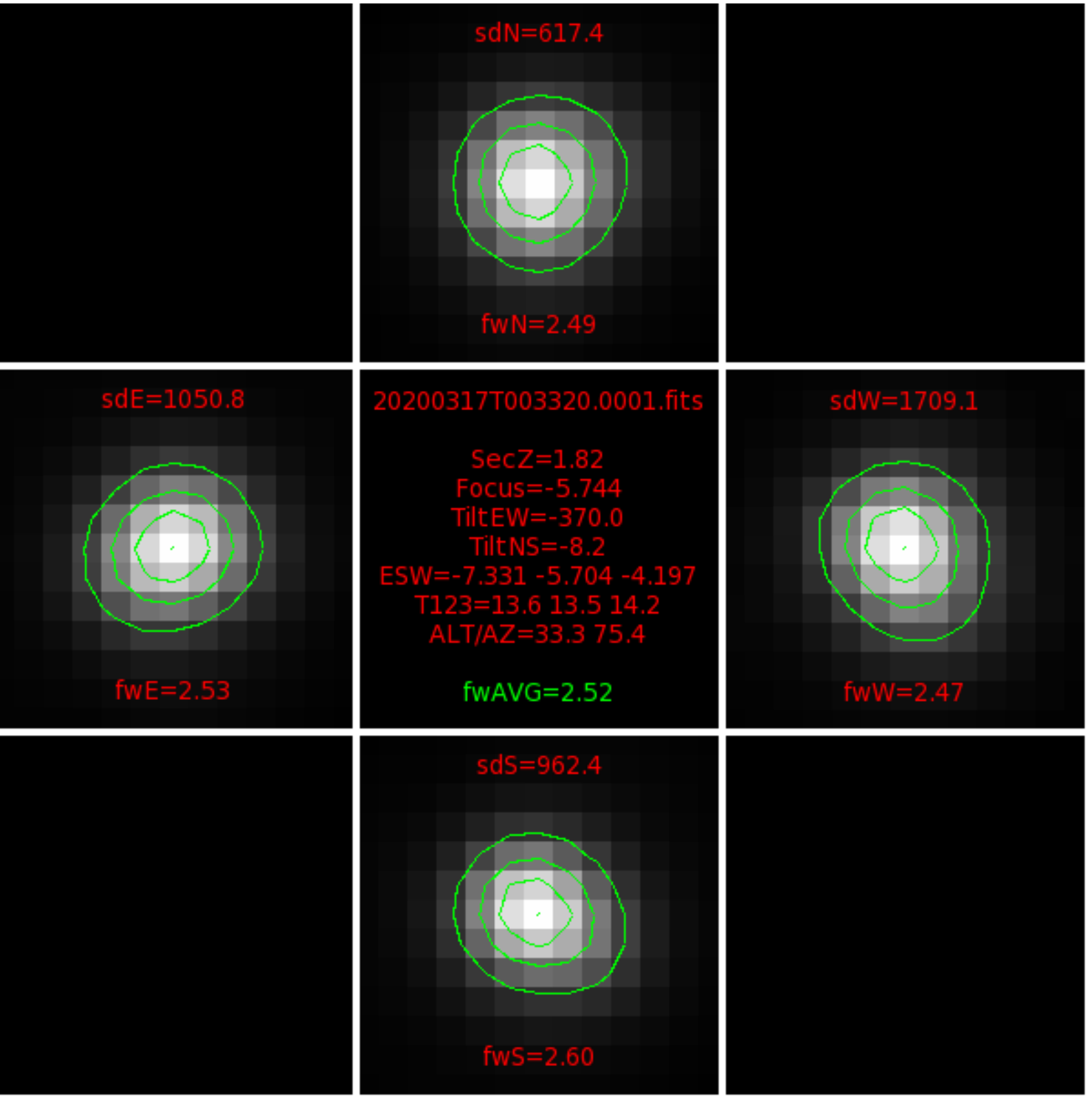
sdN=617.4
fwN=2.49
sdE=1050.8
fwE=2.53
20200317T003320.0001.fits
SecZ=1.82
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.2
ALT/AZ=33.3 75.4
fwAVG=2.52
sdW=1709.1
fwW=2.47
sdS=962.4
fwS=2.60
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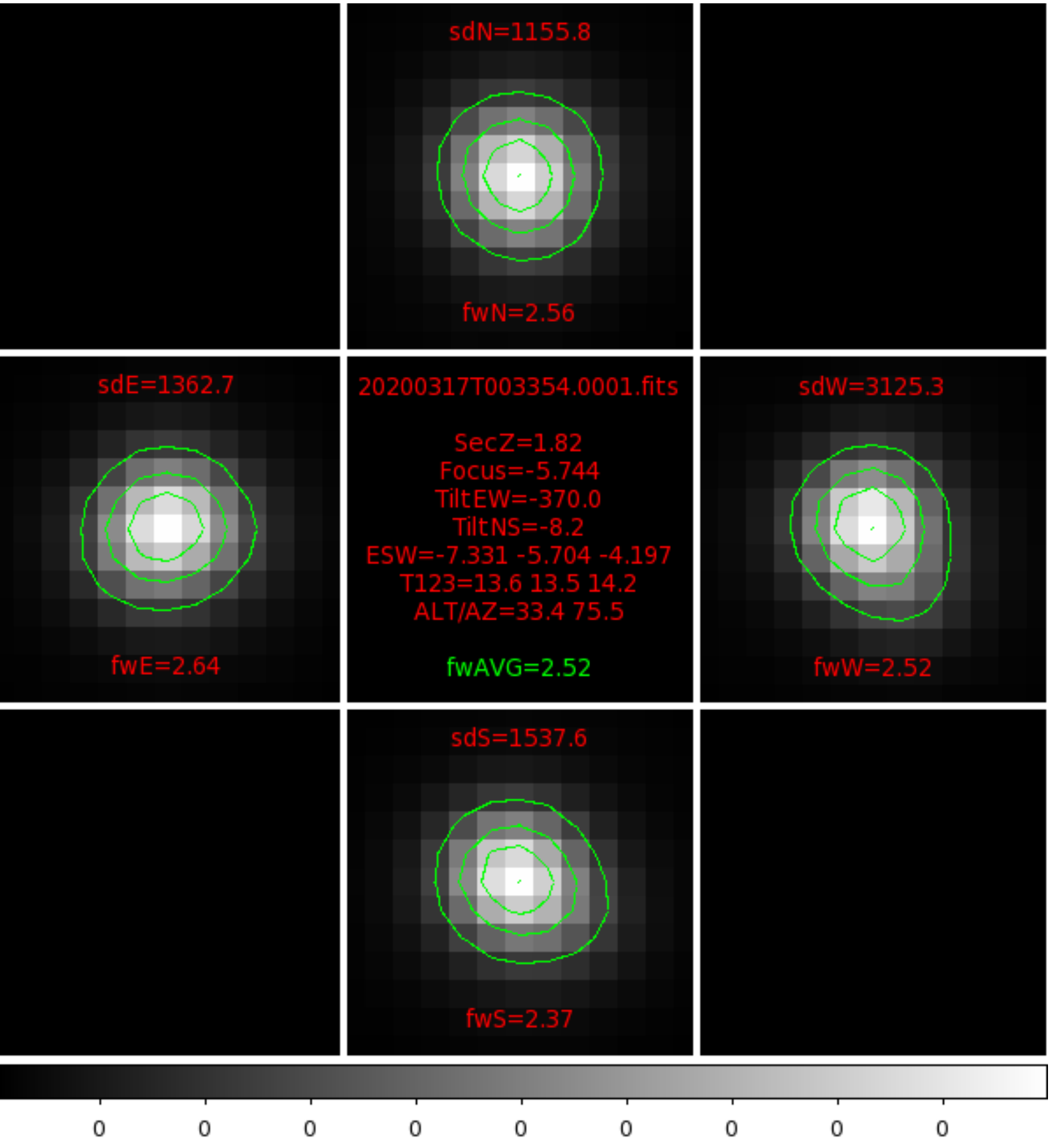
sdN=1155.8
fwN=2.56
sdE=1362.7
fwE=2.64
20200317T003354.0001.fits
SecZ=1.82
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.2
ALT/AZ=33.4 75.5
fwAVG=2.52
sdW=3125.3
fwW=2.52
sdS=1537.6
fwS=2.37
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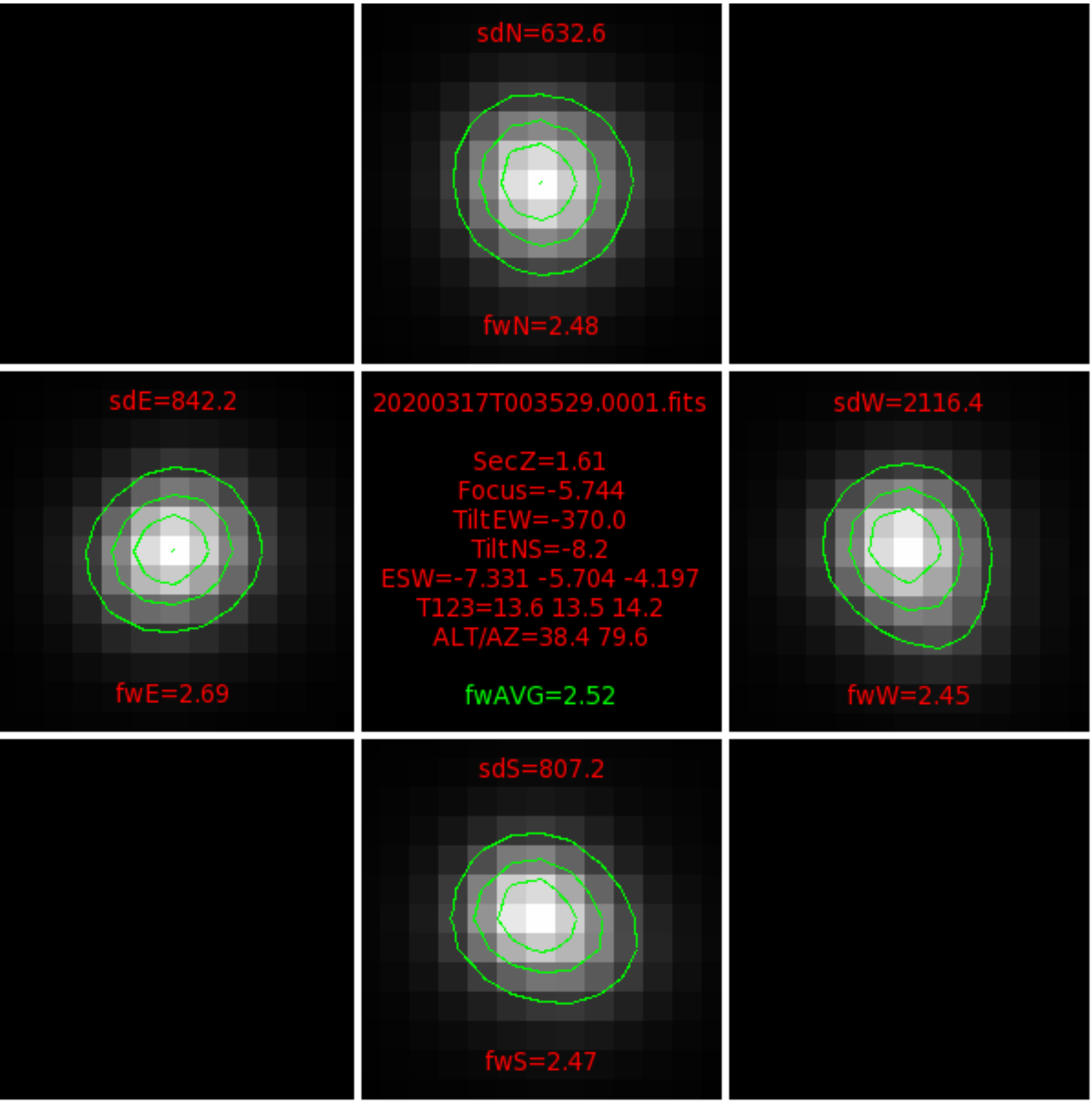
sdN=632.6
fwN=2.48
sdE=842.2
fwE=2.69
20200317T003529.0001.fits
SecZ=1.61
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.2
ALT/AZ=38.4 79.6
fwAVG=2.52
sdW=2116.4
fwW=2.45
sdS=807.2
fwS=2.47
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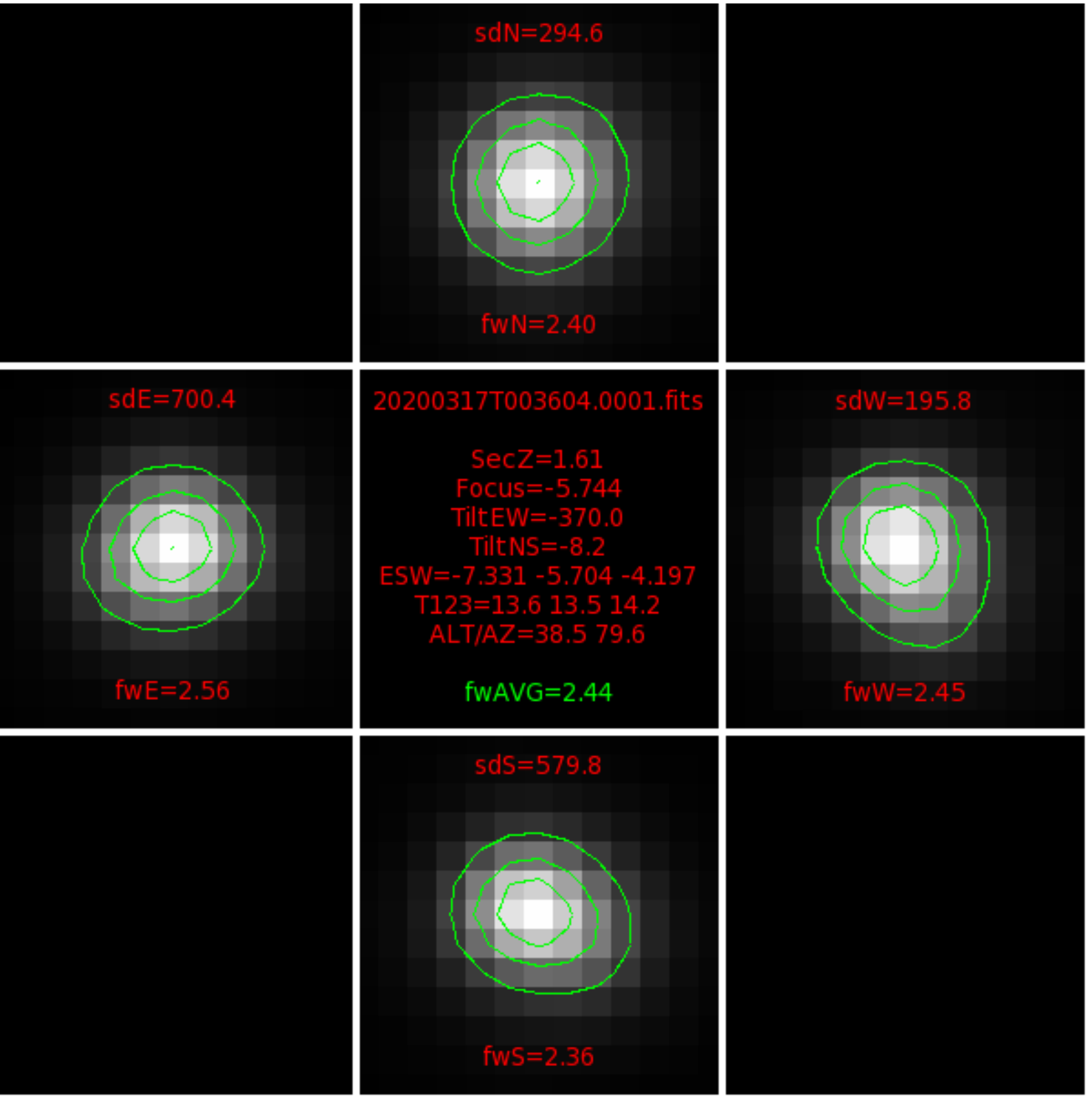
sdN=294.6
fwN=2.40
sdE=700.4
fwE=2.56
20200317T003604.0001.fits
SecZ=1.61
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.2
ALT/AZ=38.5 79.6
fwAVG=2.44
sdW=195.8
fwW=2.45
sdS=579.8
fwS=2.36
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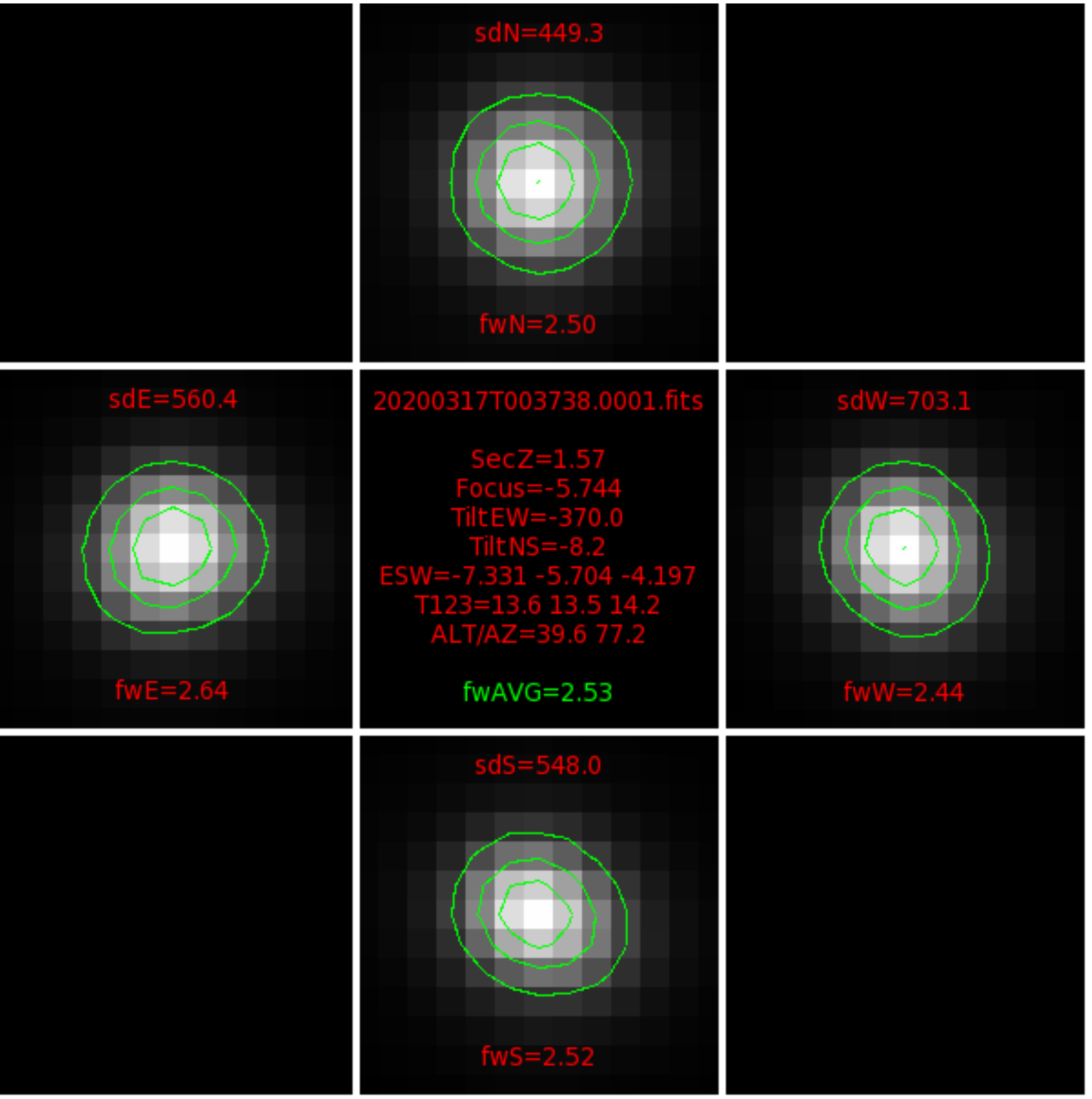
sdN=449.3
fwN=2.50
sdE=560.4
fwE=2.64
20200317T003738.0001.fits
SecZ=1.57
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.2
ALT/AZ=39.6 77.2
fwAVG=2.53
sdW=703.1
fwW=2.44
sdS=548.0
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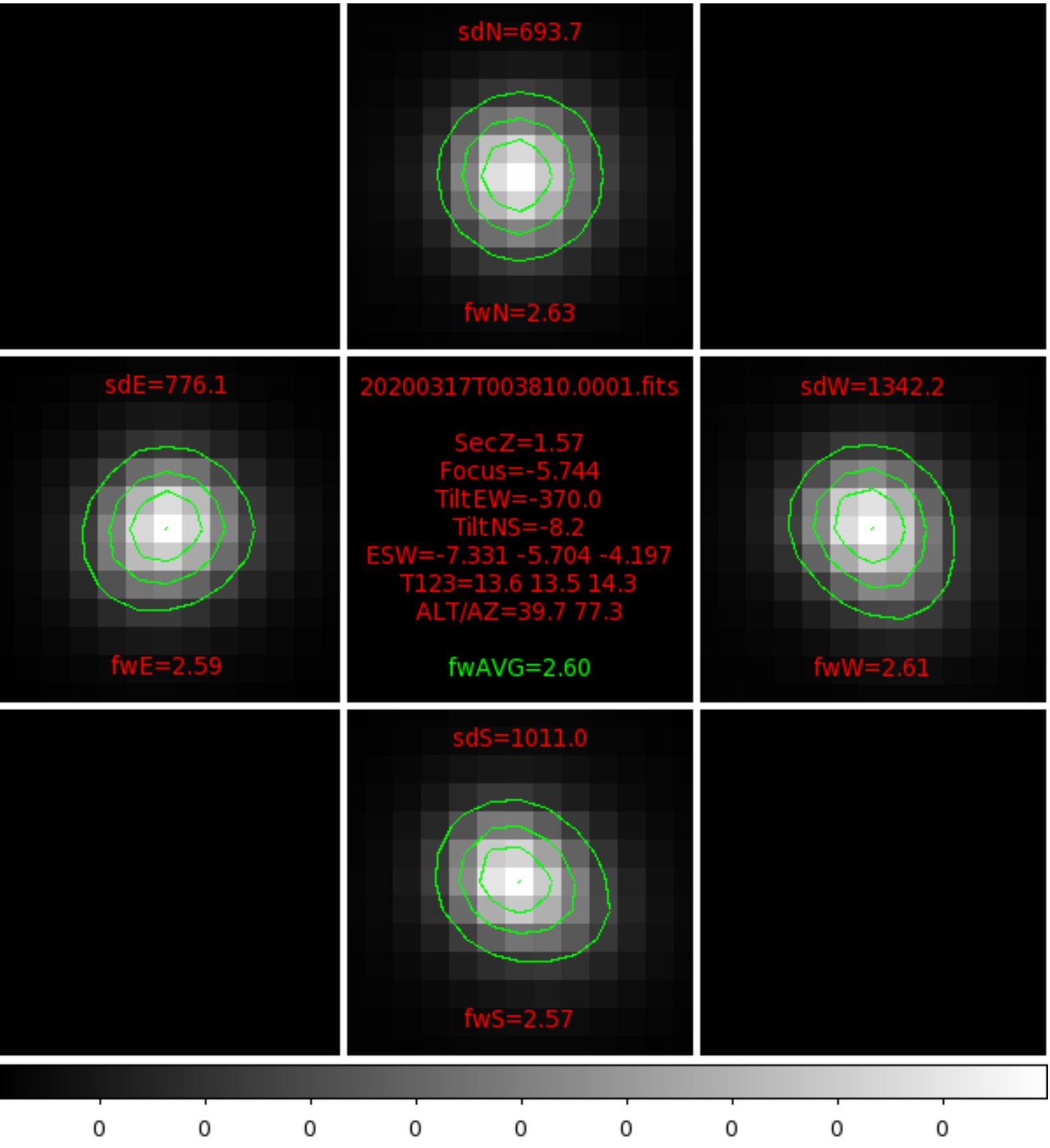
sdN=693.7
fwN=2.63
sdE=776.1
fwE=2.59
20200317T003810.0001.fits
SecZ=1.57
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.3
ALT/AZ=39.7 77.3
fwAVG=2.60
sdW=1342.2
fwW=2.61
sdS=1011.0
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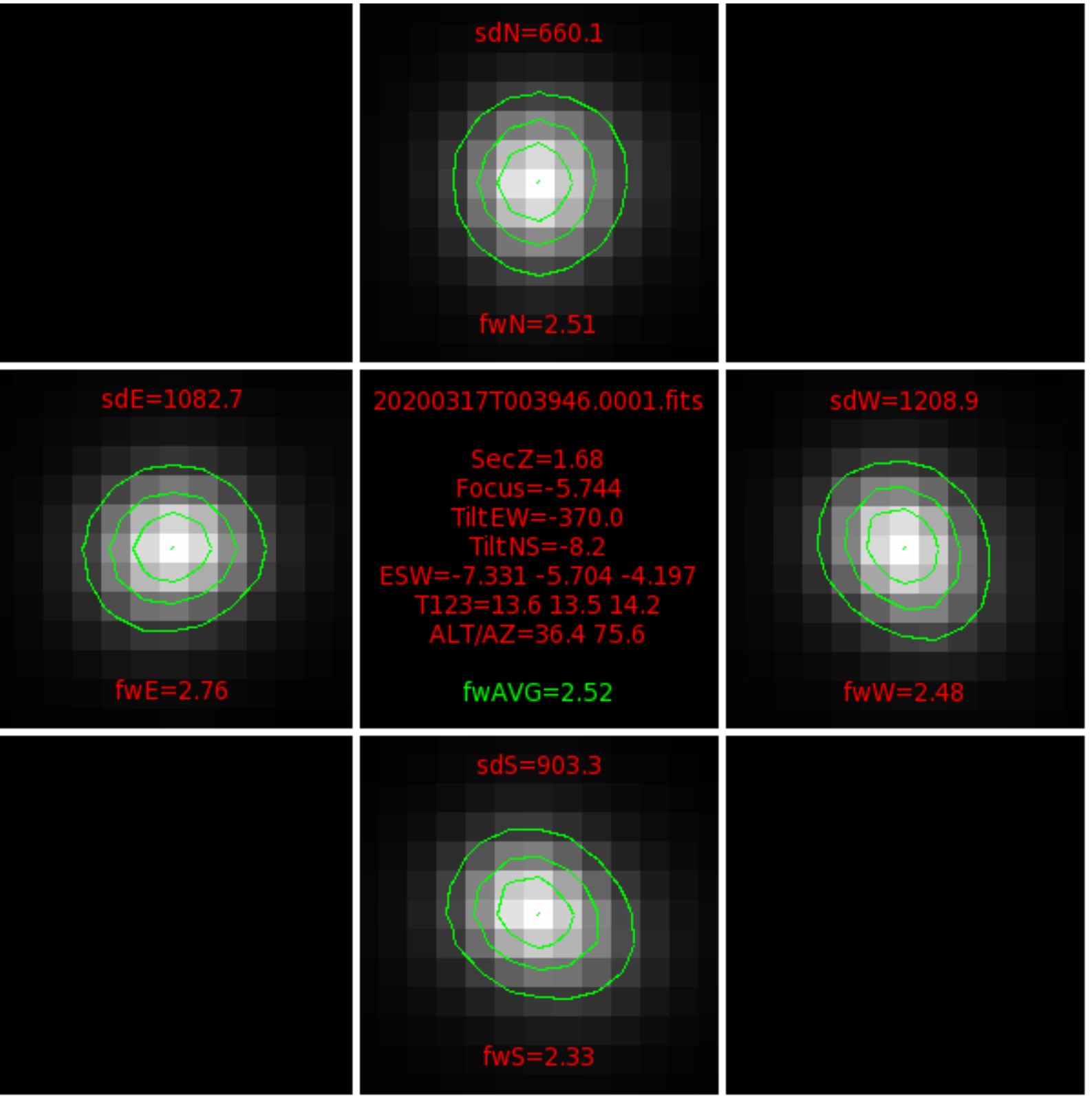
sdN=660.1
fwN=2.51
sdE=1082.7
fwE=2.76
20200317T003946.0001.fits
SecZ=1.68
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.2
ALT/AZ=36.4 75.6
fwAVG=2.52
sdW=1208.9
fwW=2.48
sdS=903.3
fwS=2.33
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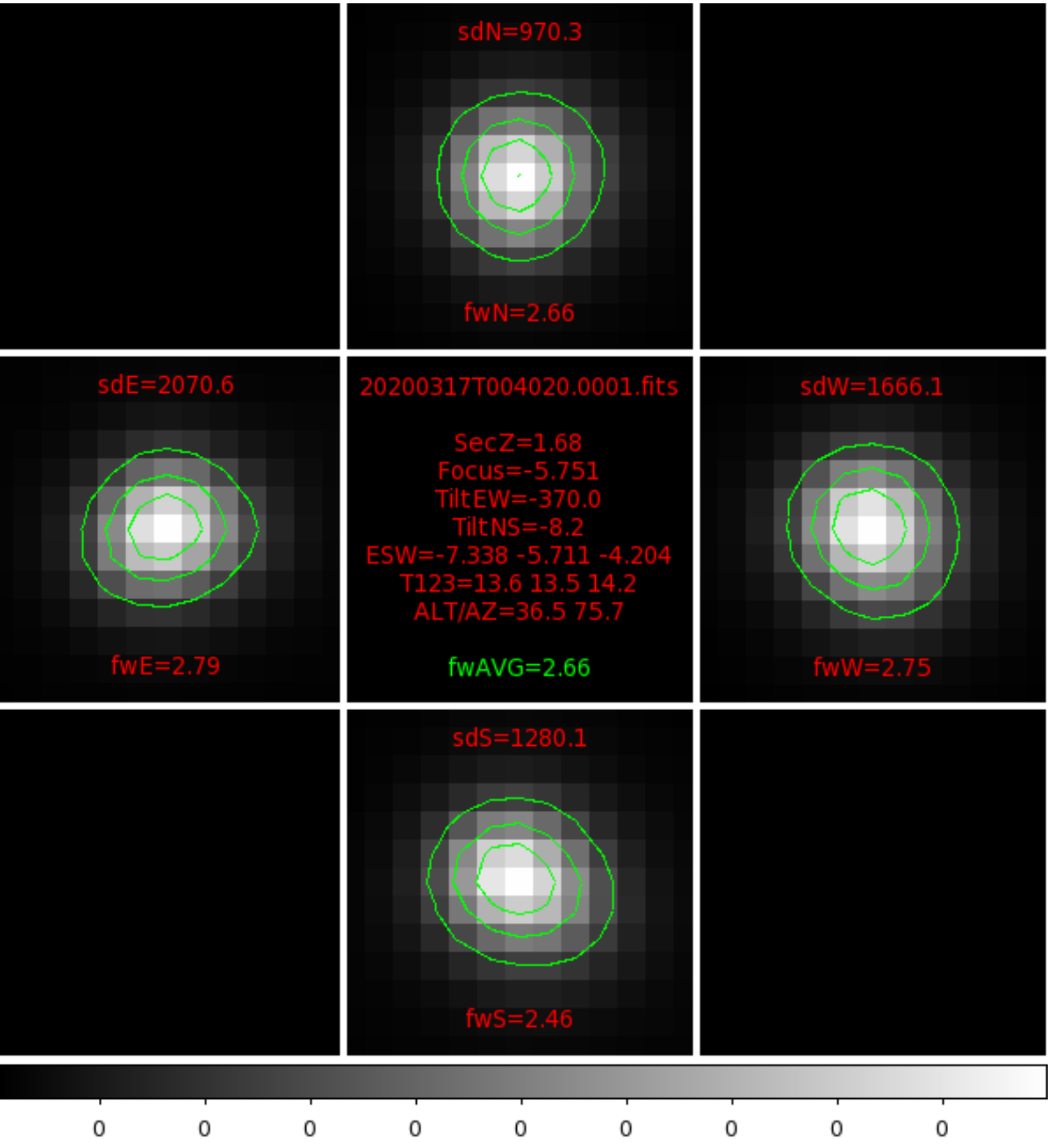
sdN=970.3
fwN=2.66
sdE=2070.6
fwE=2.79
20200317T004020.0001.fits
SecZ=1.68
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.6 13.5 14.2
ALT/AZ=36.5 75.7
fwAVG=2.66
sdW=1666.1
fwW=2.75
sdS=1280.1
fwS=2.46
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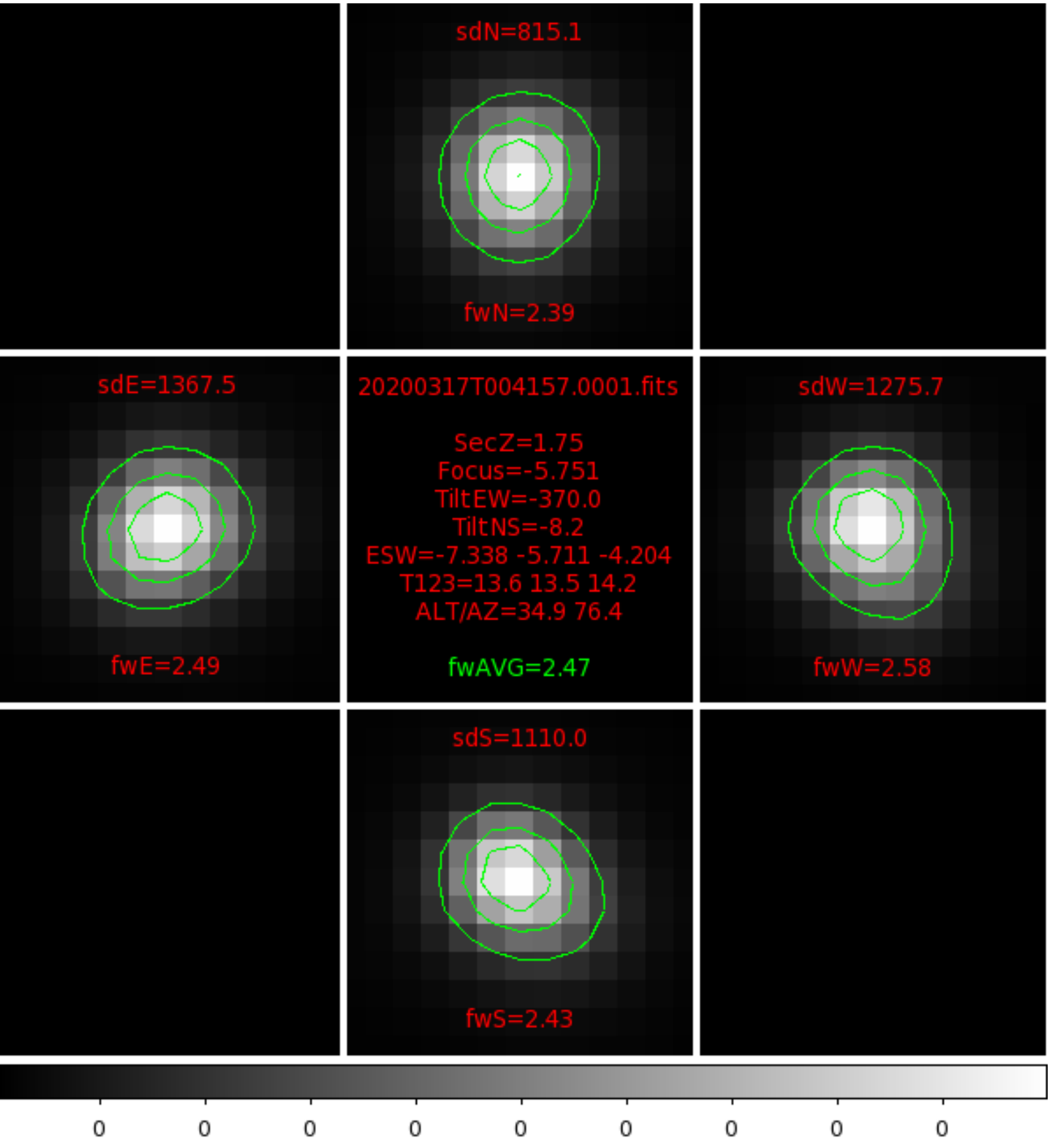
sdN=815.1
fwN=2.39
sdE=1367.5
fwE=2.49
20200317T004157.0001.fits
SecZ=1.75
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.6 13.5 14.2
ALT/AZ=34.9 76.4
fwAVG=2.47
sdW=1275.7
fwW=2.58
sdS=1110.0
fwS=2.43
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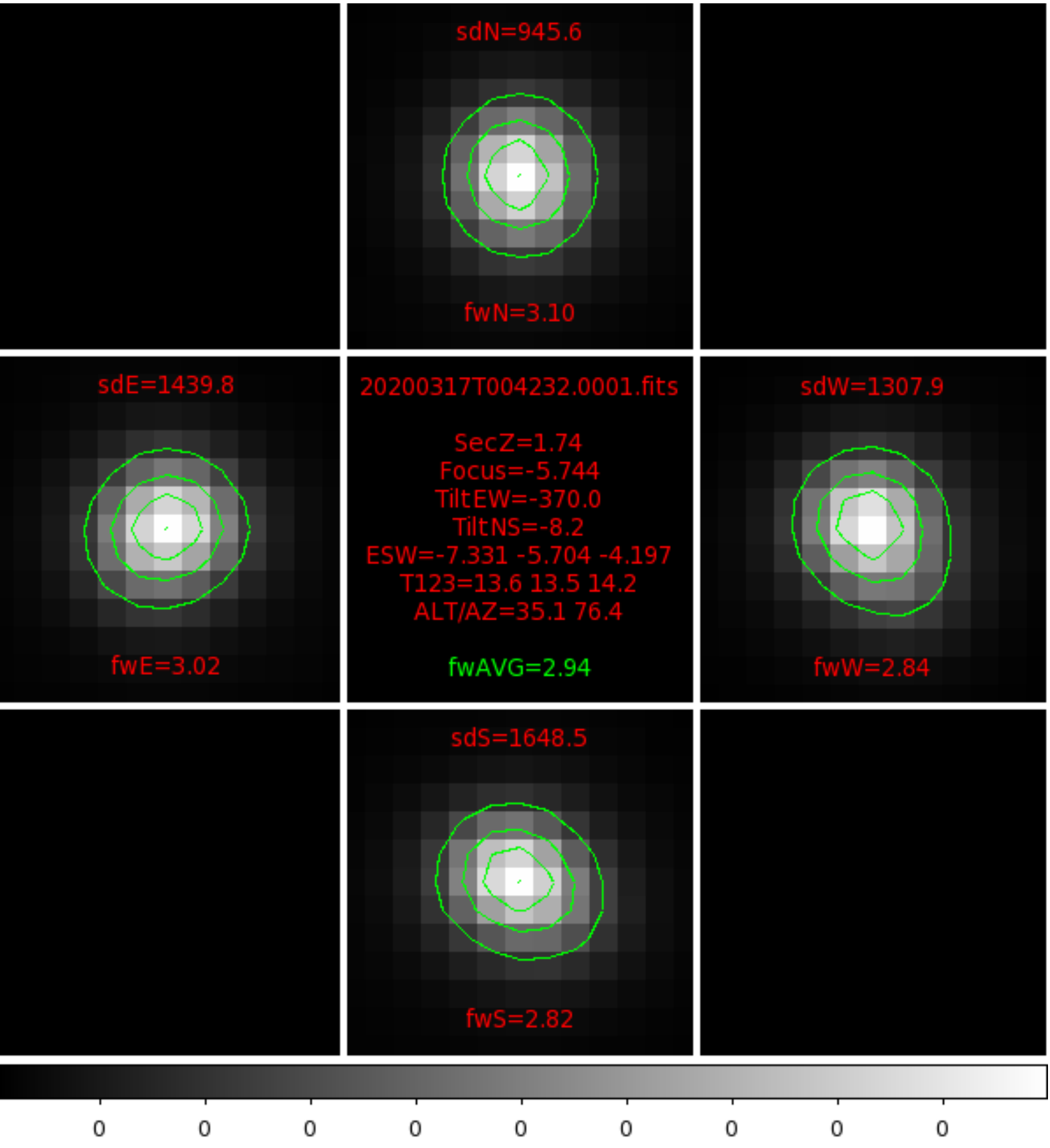
sdN=945.6
fwN=3.10
sdE=1439.8
fwE=3.02
20200317T004232.0001.fits
SecZ=1.74
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.2
ALT/AZ=35.1 76.4
fwAVG=2.94
sdW=1307.9
fwW=2.84
sdS=1648.5
fwS=2.82
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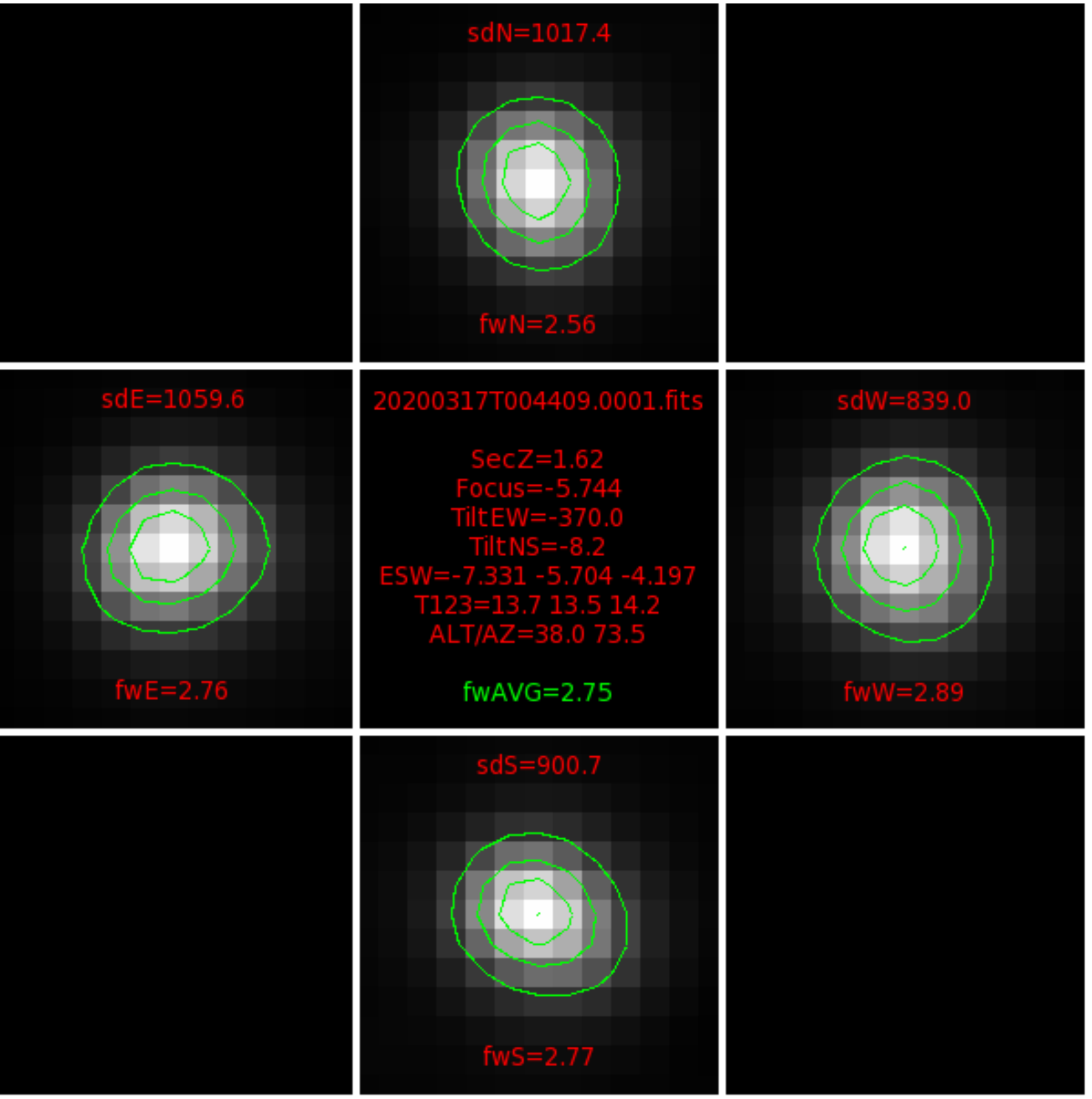
sdN=1017.4
fwN=2.56
sdE=1059.6
fwE=2.76
20200317T004409.0001.fits
SecZ=1.62
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=38.0 73.5
fwAVG=2.75
sdW=839.0
fwW=2.89
sdS=900.7
fwS=2.77
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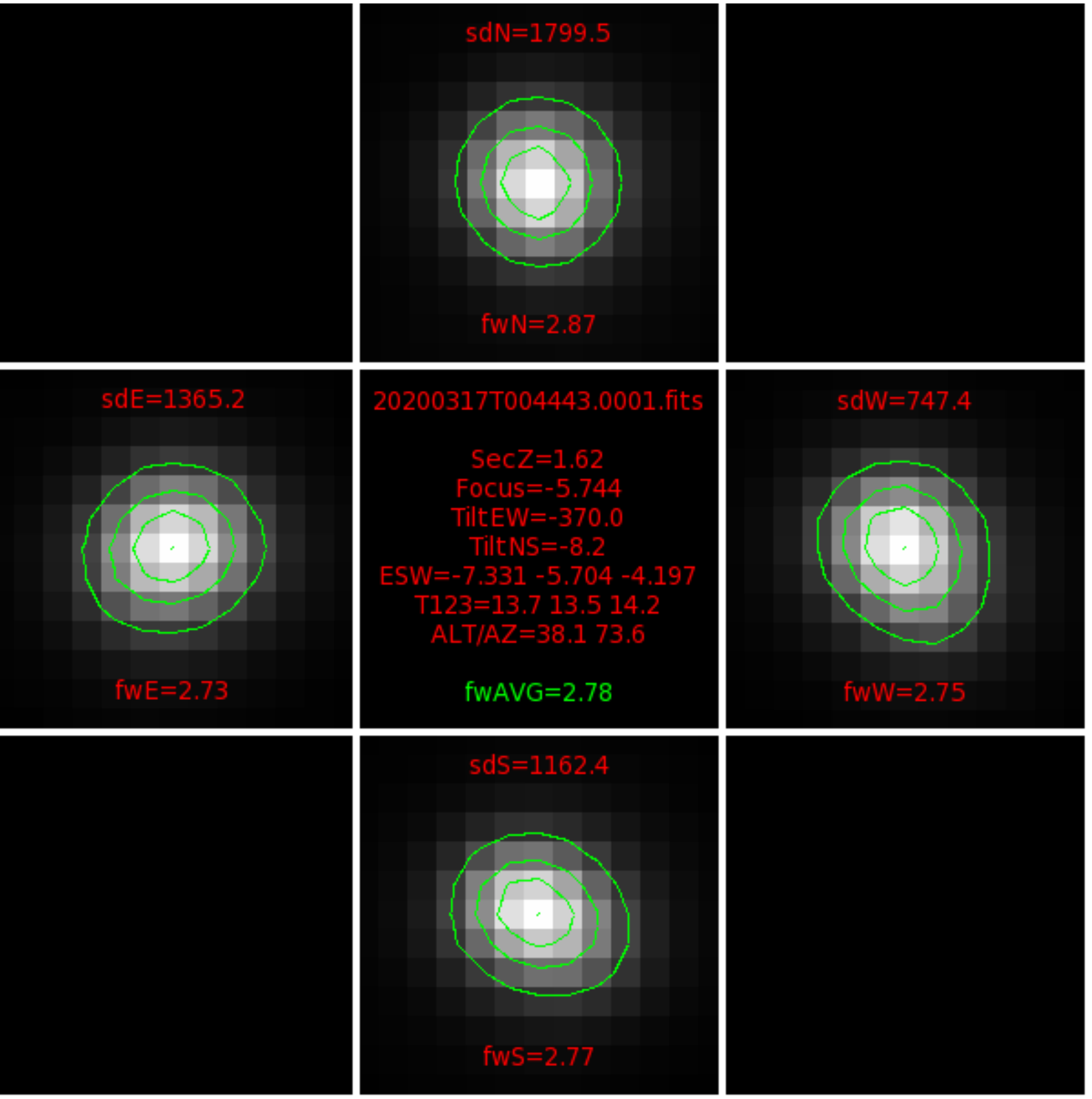
sdN=1799.5
fwN=2.87
sdE=1365.2
fwE=2.73
20200317T004443.0001.fits
SecZ=1.62
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=38.1 73.6
fwAVG=2.78
sdW=747.4
fwW=2.75
sdS=1162.4
fwS=2.77
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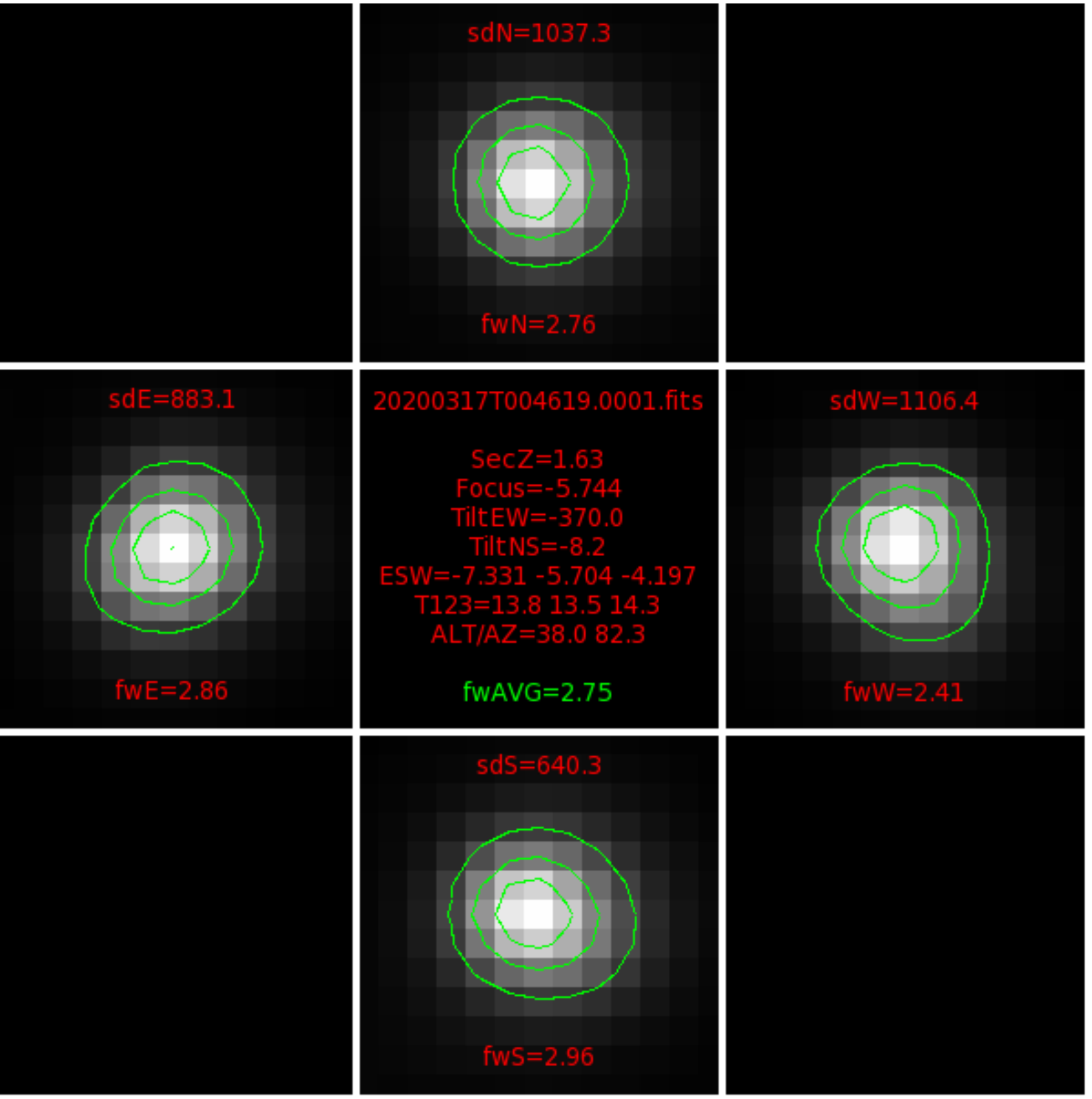
sdN=1037.3
fwN=2.76
sdE=883.1
fwE=2.86
20200317T004619.0001.fits
SecZ=1.63
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.8 13.5 14.3
ALT/AZ=38.0 82.3
fwAVG=2.75
sdW=1106.4
fwW=2.41
sdS=640.3
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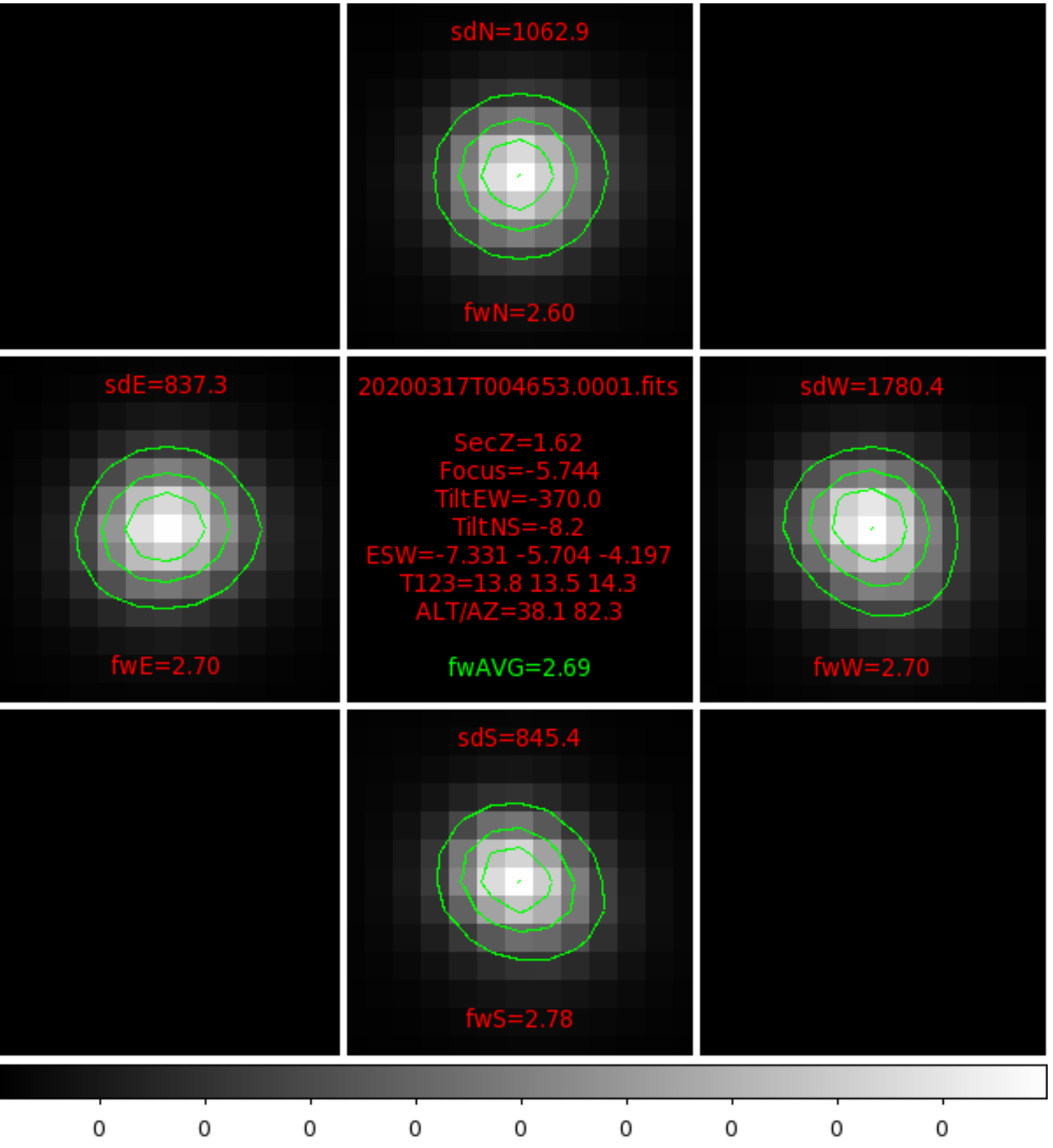
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fwN=2.60
sdE=837.3
fwE=2.70
20200317T004653.0001.fits
SecZ=1.62
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.8 13.5 14.3
ALT/AZ=38.1 82.3
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sdW=1780.4
fwW=2.70
sdS=845.4
fwS=2.78
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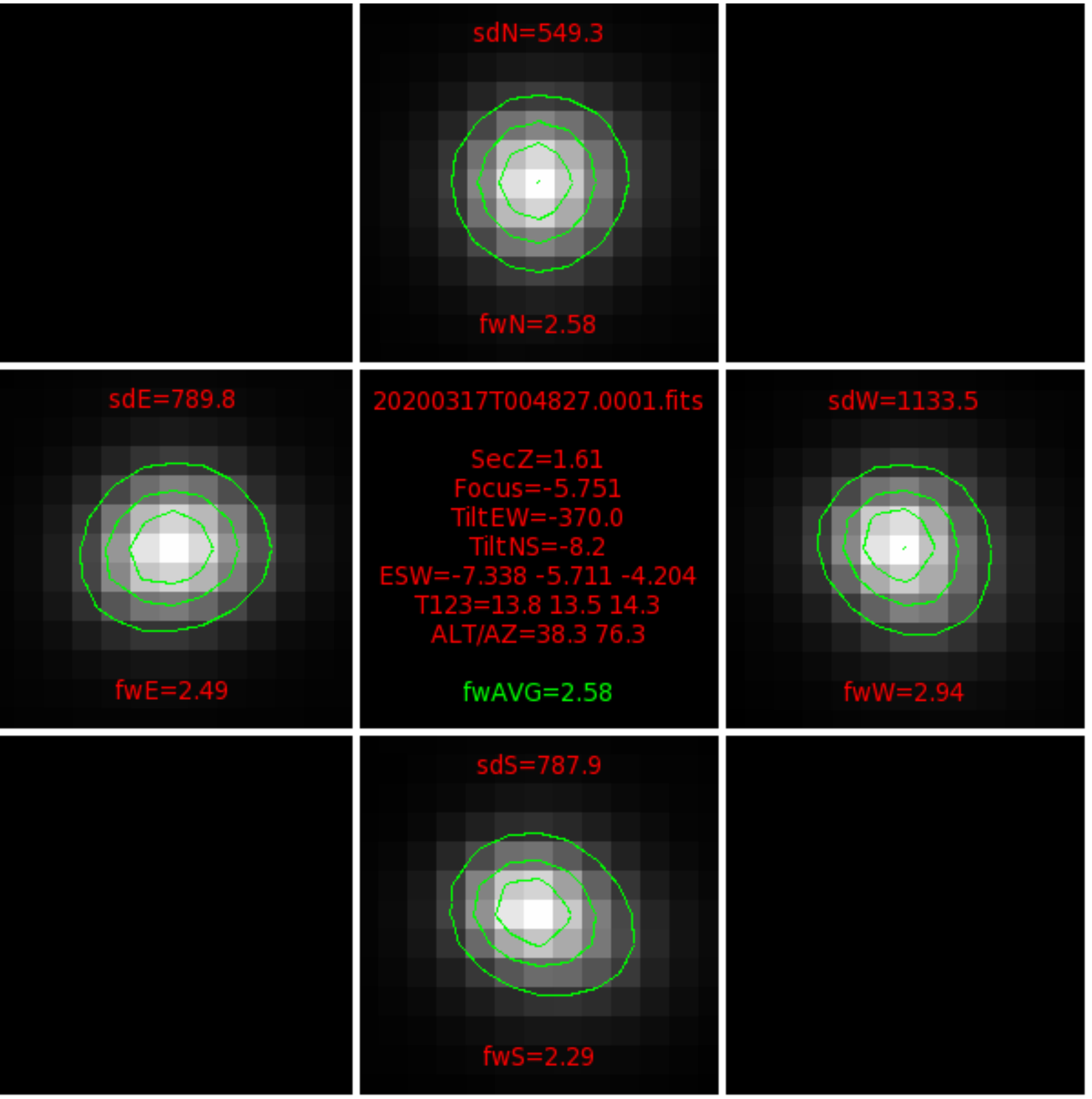
sdN=549.3
fwN=2.58
sdE=789.8
fwE=2.49
20200317T004827.0001.fits
SecZ=1.61
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.8 13.5 14.3
ALT/AZ=38.3 76.3
fwAVG=2.58
sdW=1133.5
fwW=2.94
sdS=787.9
fwS=2.29
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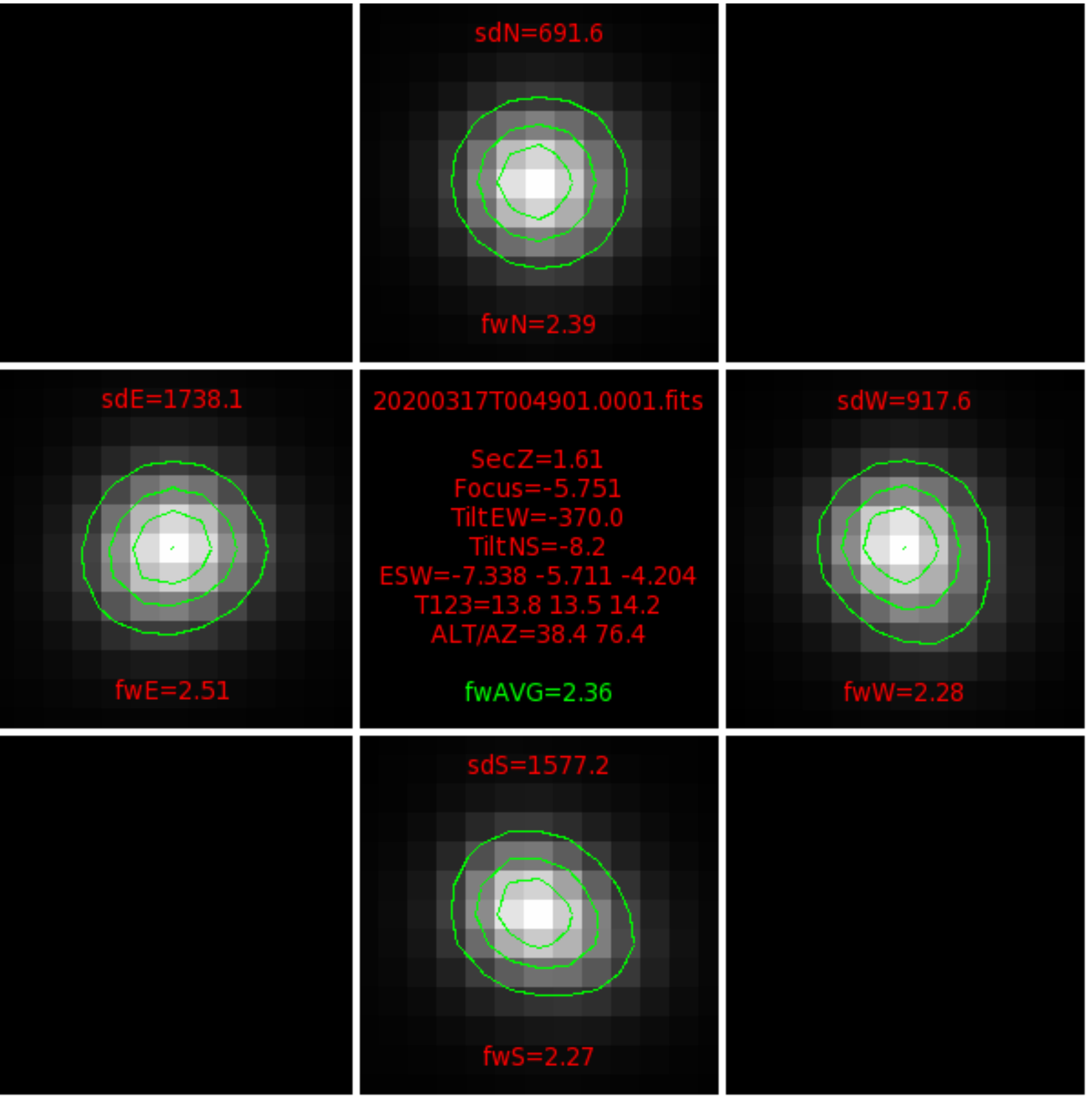
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fwN=2.39
sdE=1738.1
fwE=2.51
20200317T004901.0001.fits
SecZ=1.61
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.8 13.5 14.2
ALT/AZ=38.4 76.4
fwAVG=2.36
sdW=917.6
fwW=2.28
sdS=1577.2
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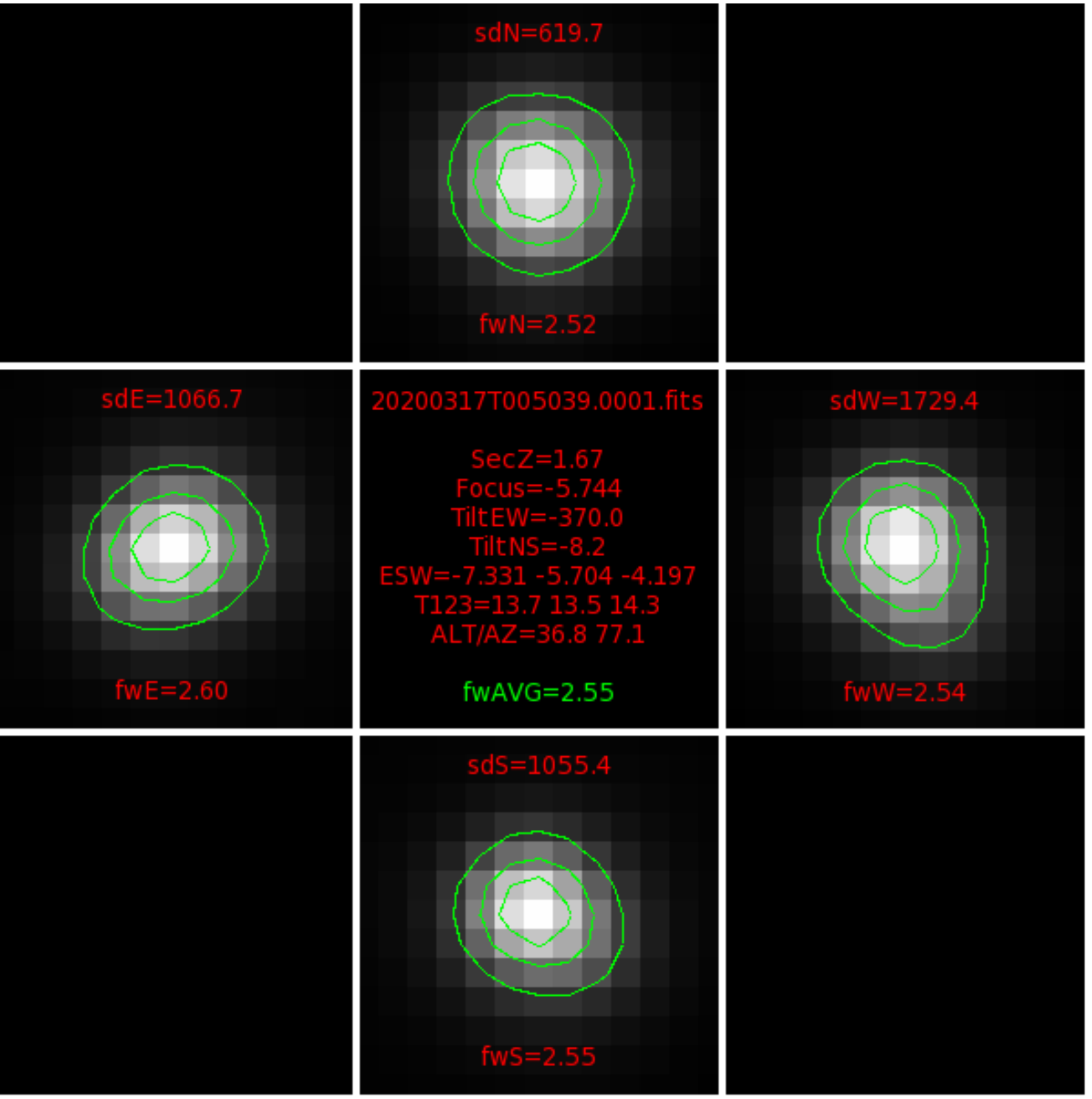
sdN=619.7
fwN=2.52
sdE=1066.7
fwE=2.60
20200317T005039.0001.fits
SecZ=1.67
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.3
ALT/AZ=36.8 77.1
fwAVG=2.55
sdW=1729.4
fwW=2.54
sdS=1055.4
fwS=2.55
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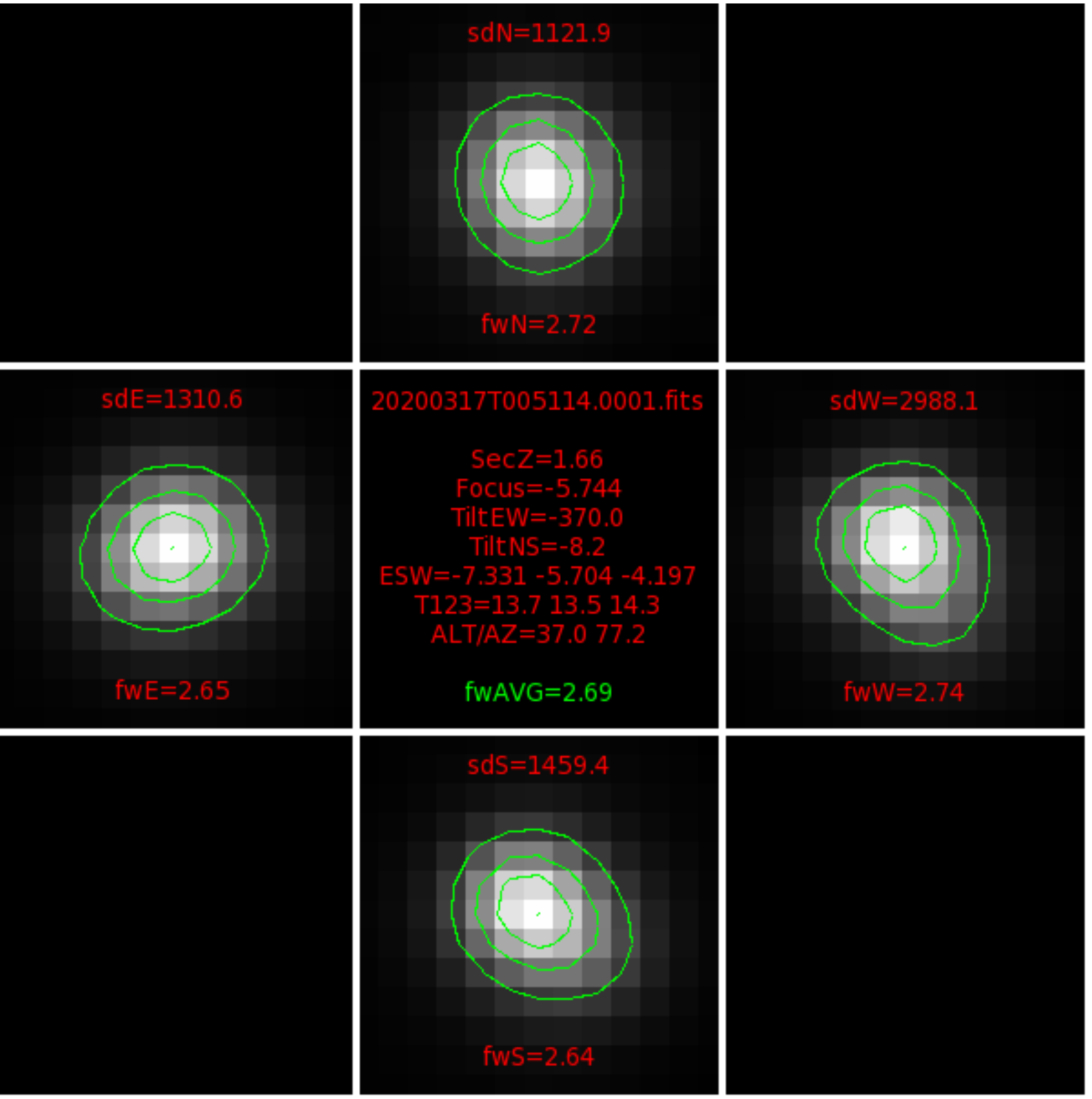
sdN=1121.9
fwN=2.72
sdE=1310.6
fwE=2.65
20200317T005114.0001.fits
SecZ=1.66
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.3
ALT/AZ=37.0 77.2
fwAVG=2.69
sdW=2988.1
fwW=2.74
sdS=1459.4
fwS=2.64
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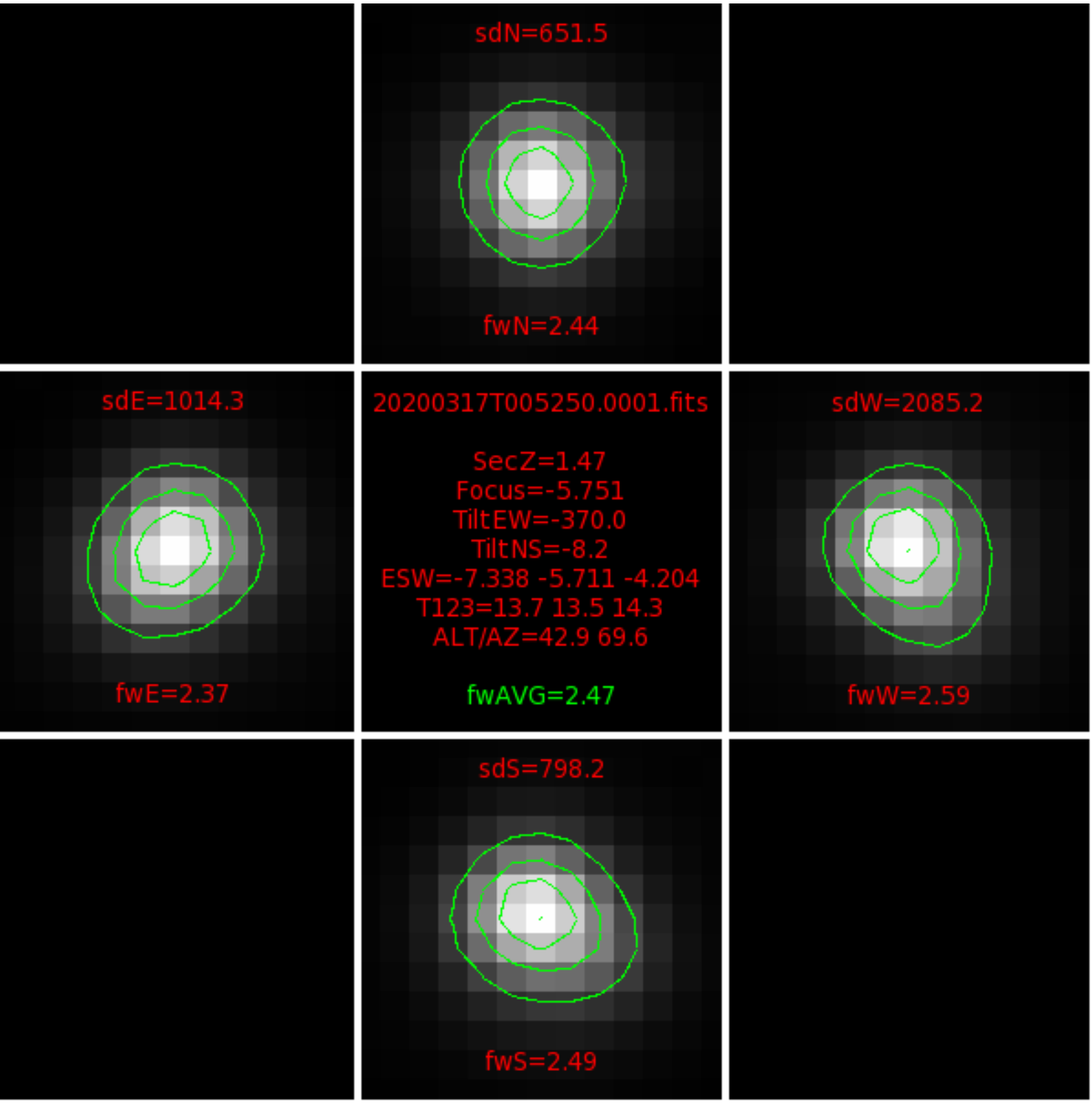
sdN=651.5
fwN=2.44
sdE=1014.3
fwE=2.37
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SecZ=1.47
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=42.9 69.6
fwAVG=2.47
sdW=2085.2
fwW=2.59
sdS=798.2
fwS=2.49
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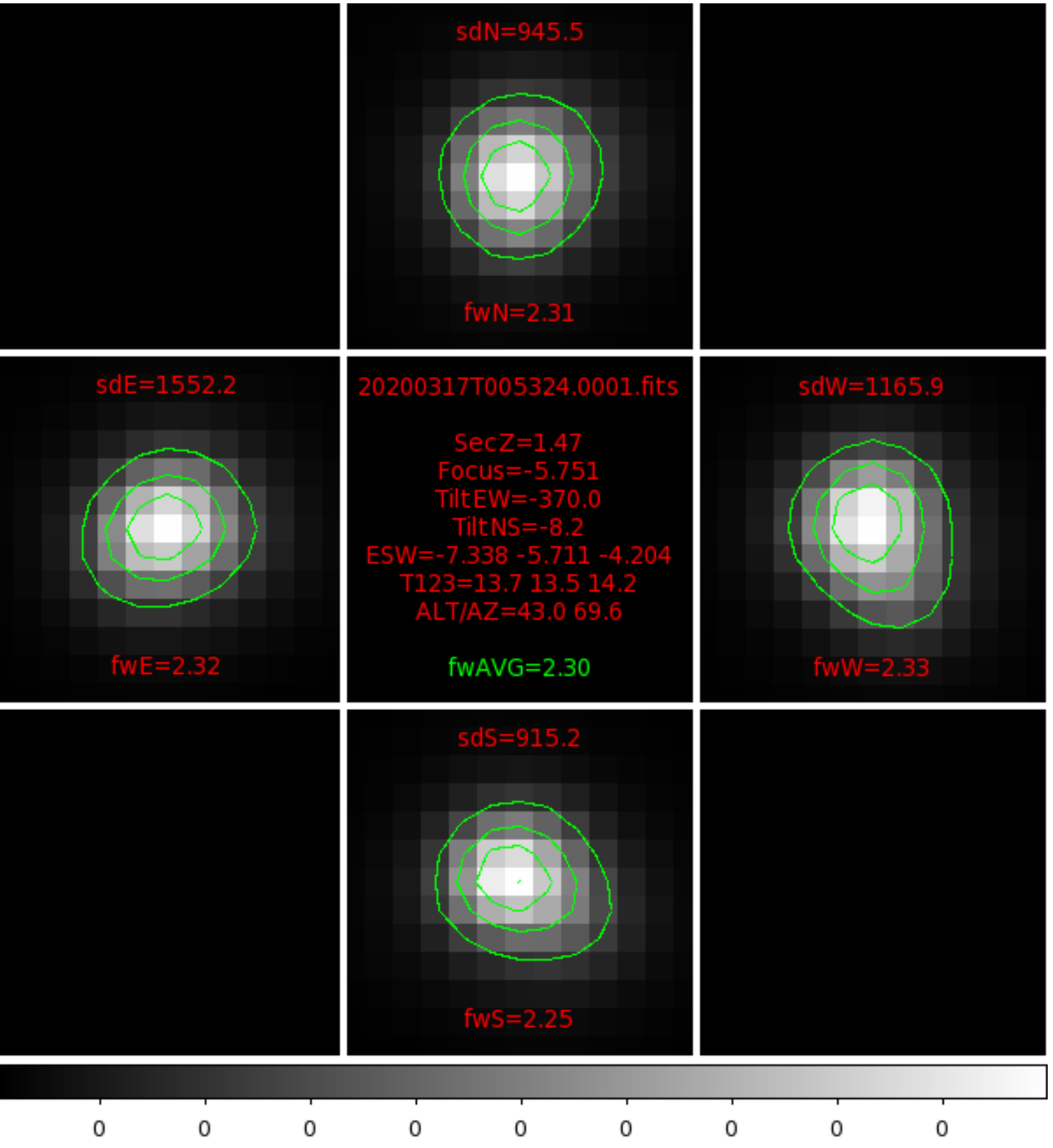
sdN=945.5
fwN=2.31
sdE=1552.2
fwE=2.32
20200317T005324.0001.fits
SecZ=1.47
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.2
ALT/AZ=43.0 69.6
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sdW=1165.9
fwW=2.33
sdS=915.2
fwS=2.25
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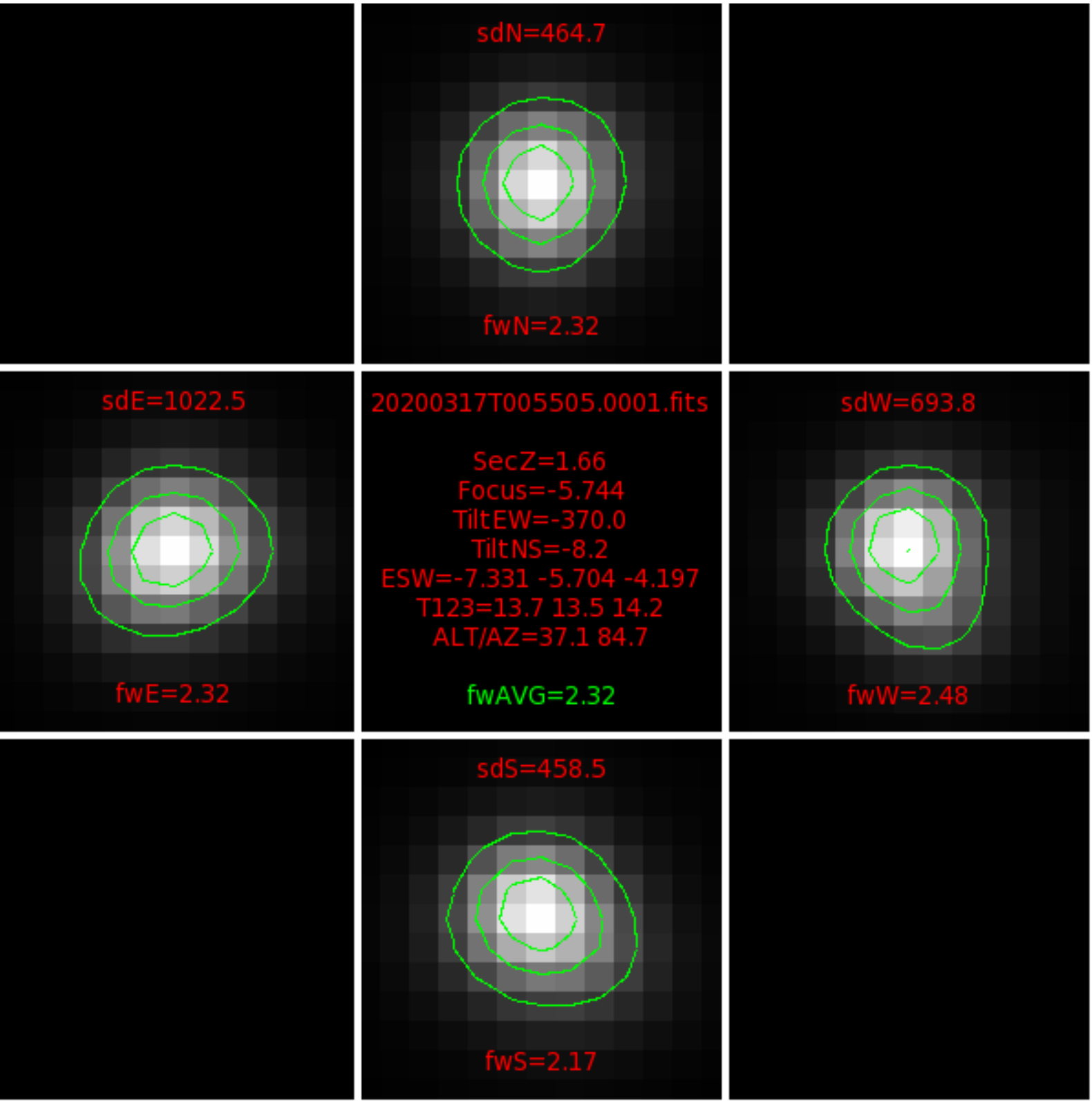
sdN=464.7
fwN=2.32
sdE=1022.5
fwE=2.32
20200317T005505.0001.fits
SecZ=1.66
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.2
ALT/AZ=37.1 84.7
fwAVG=2.32
sdW=693.8
fwW=2.48
sdS=458.5
fwS=2.17
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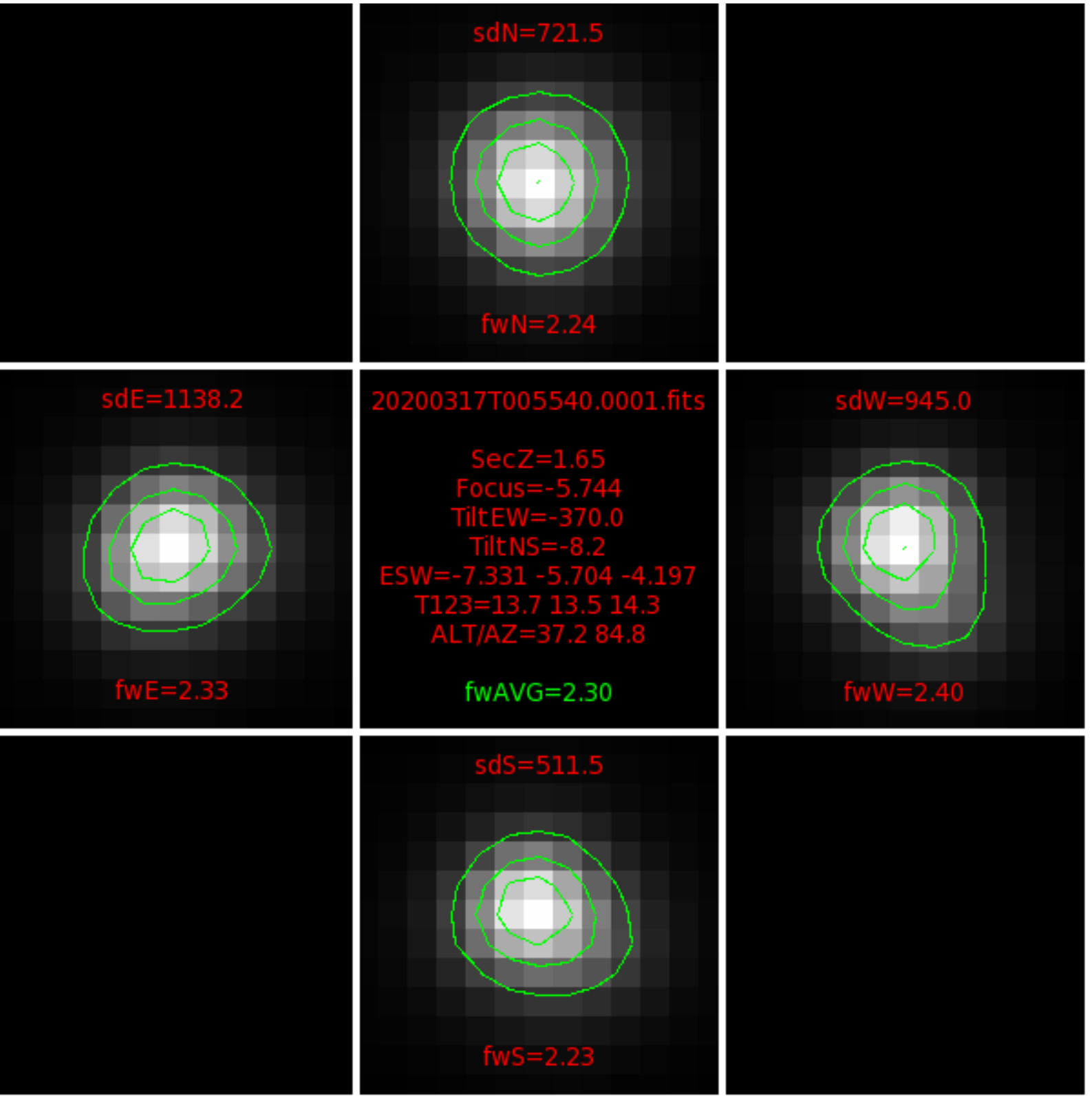
sdN=721.5
fwN=2.24
sdE=1138.2
fwE=2.33
20200317T005540.0001.fits
SecZ=1.65
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.3
ALT/AZ=37.2 84.8
fwAVG=2.30
sdW=945.0
fwW=2.40
sdS=511.5
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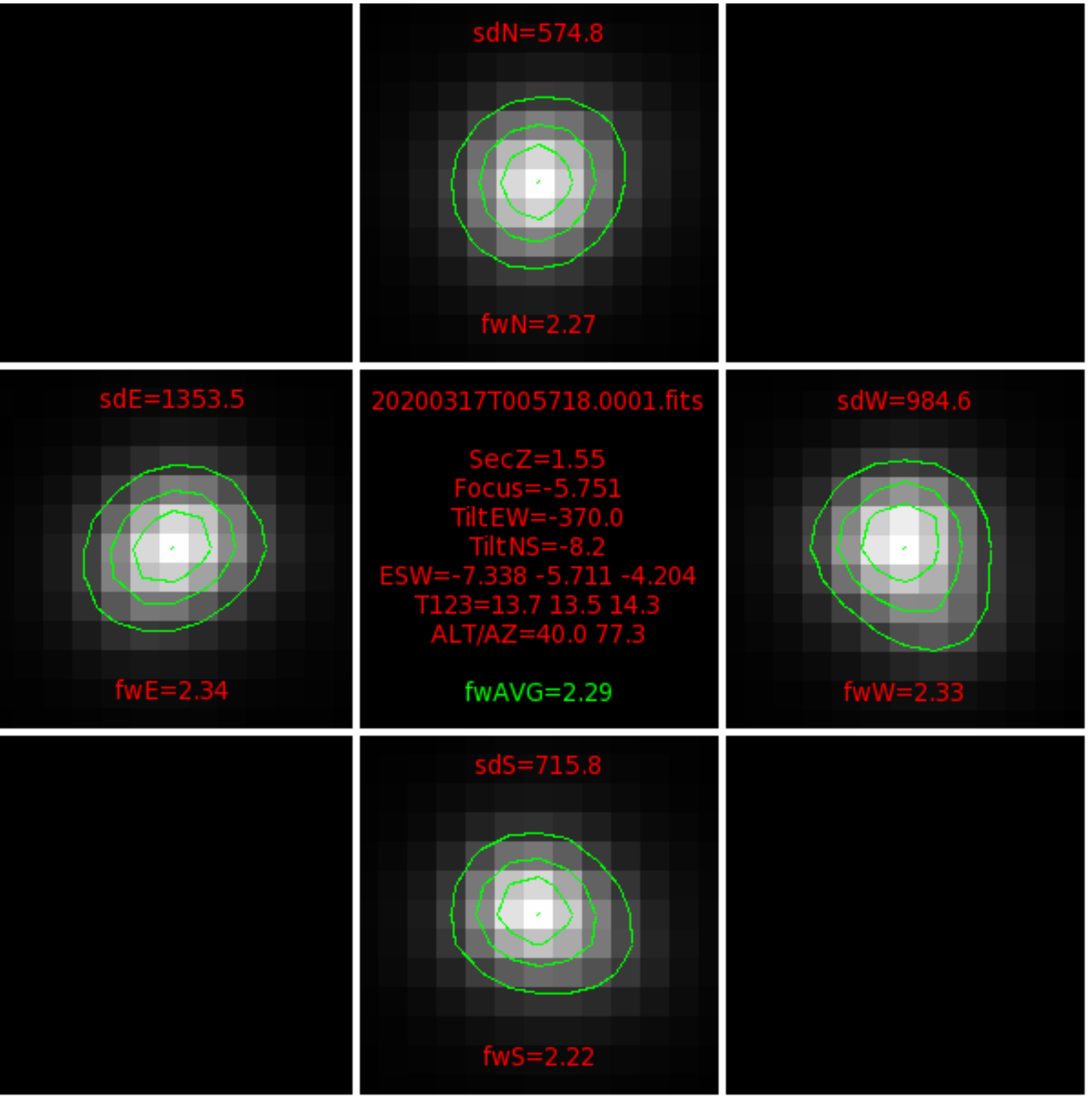
sdN=574.8
fwN=2.27
sdE=1353.5
fwE=2.34
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SecZ=1.55
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=40.0 77.3
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sdS=715.8
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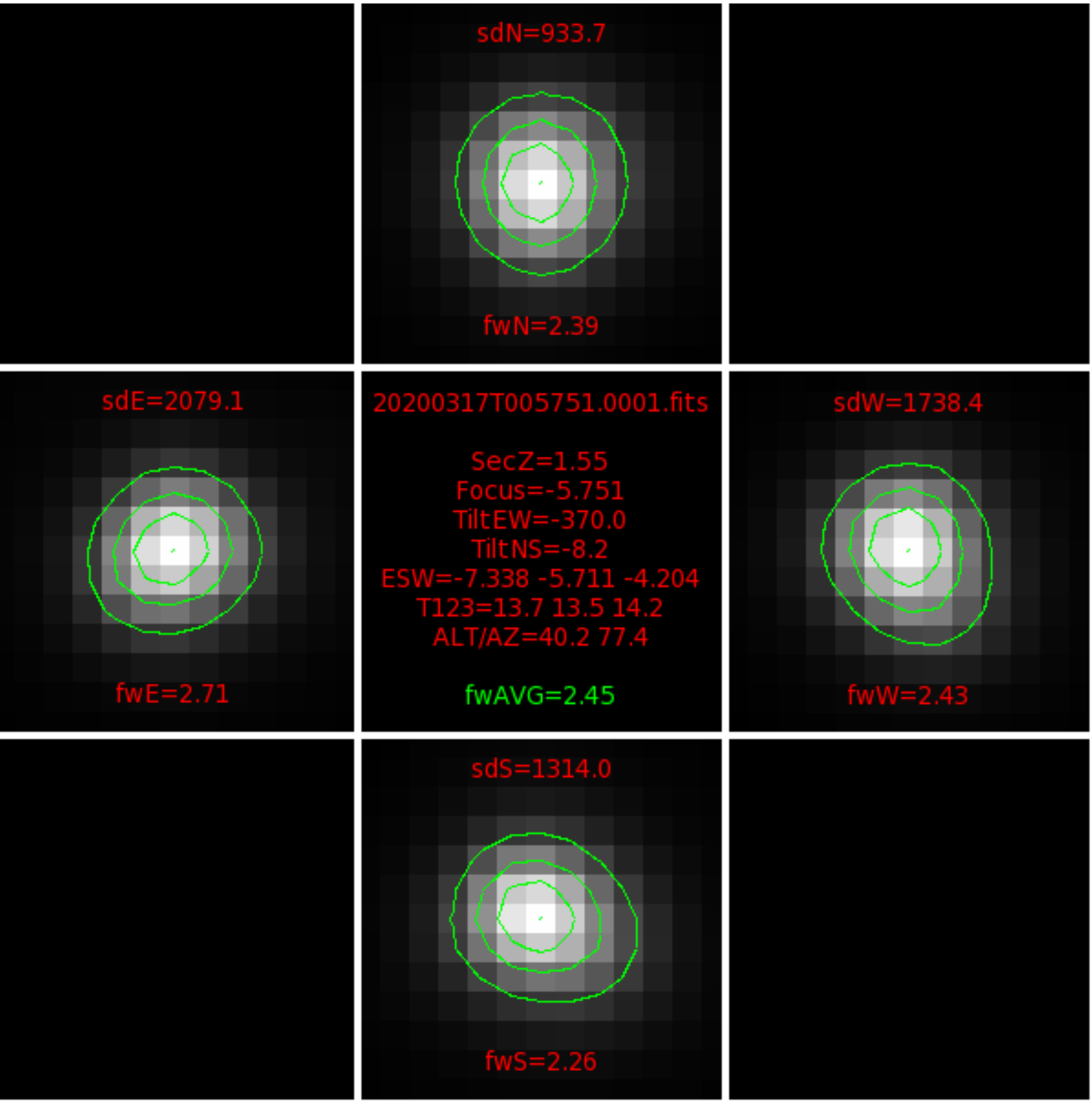
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fwN=2.39
sdE=2079.1
fwE=2.71
20200317T005751.0001.fits
SecZ=1.55
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.2
ALT/AZ=40.2 77.4
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sdW=1738.4
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sdS=1314.0
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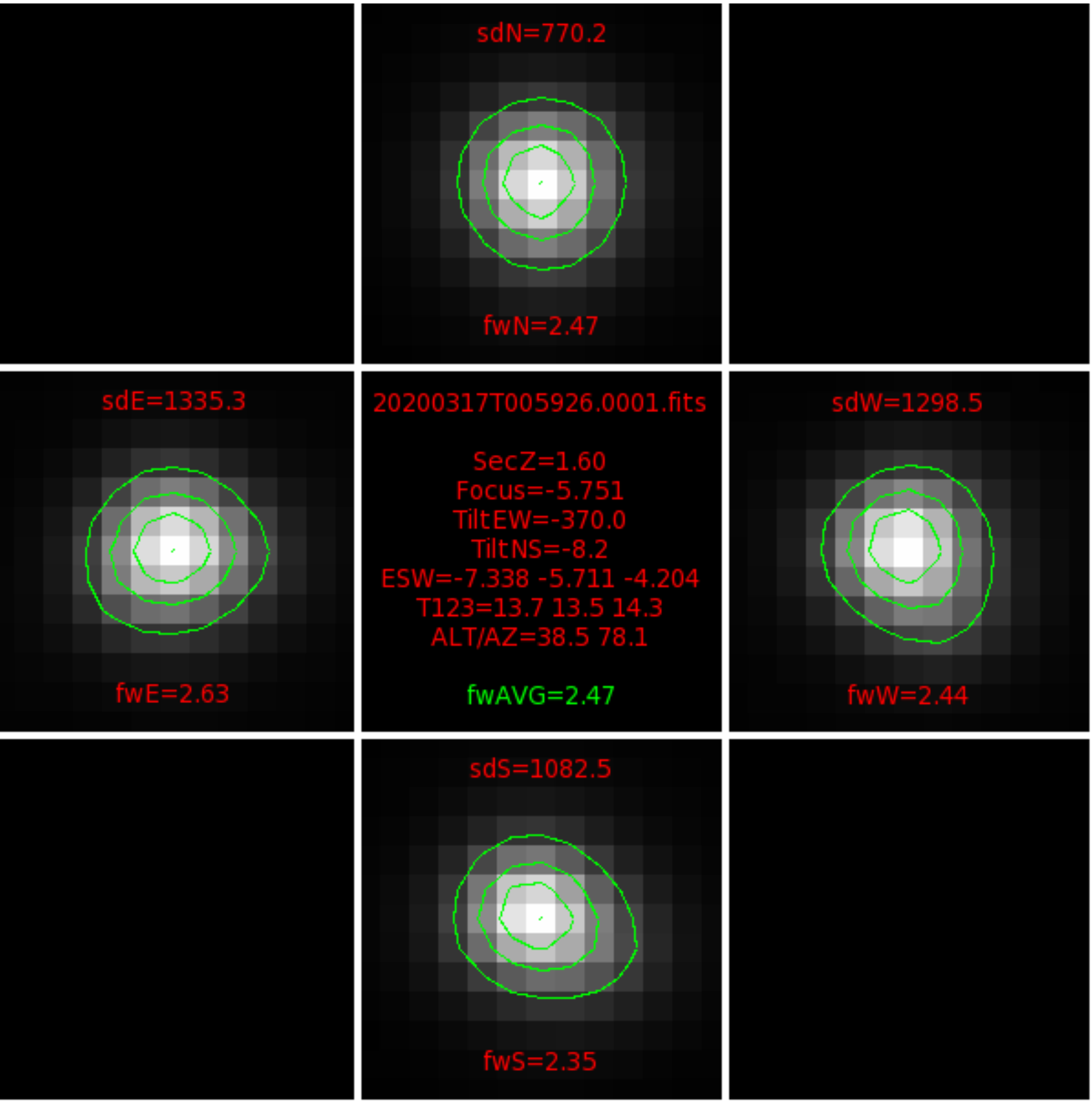
sdN=770.2
fwN=2.47
sdE=1335.3
fwE=2.63
20200317T005926.0001.fits
SecZ=1.60
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=38.5 78.1
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sdW=1298.5
fwW=2.44
sdS=1082.5
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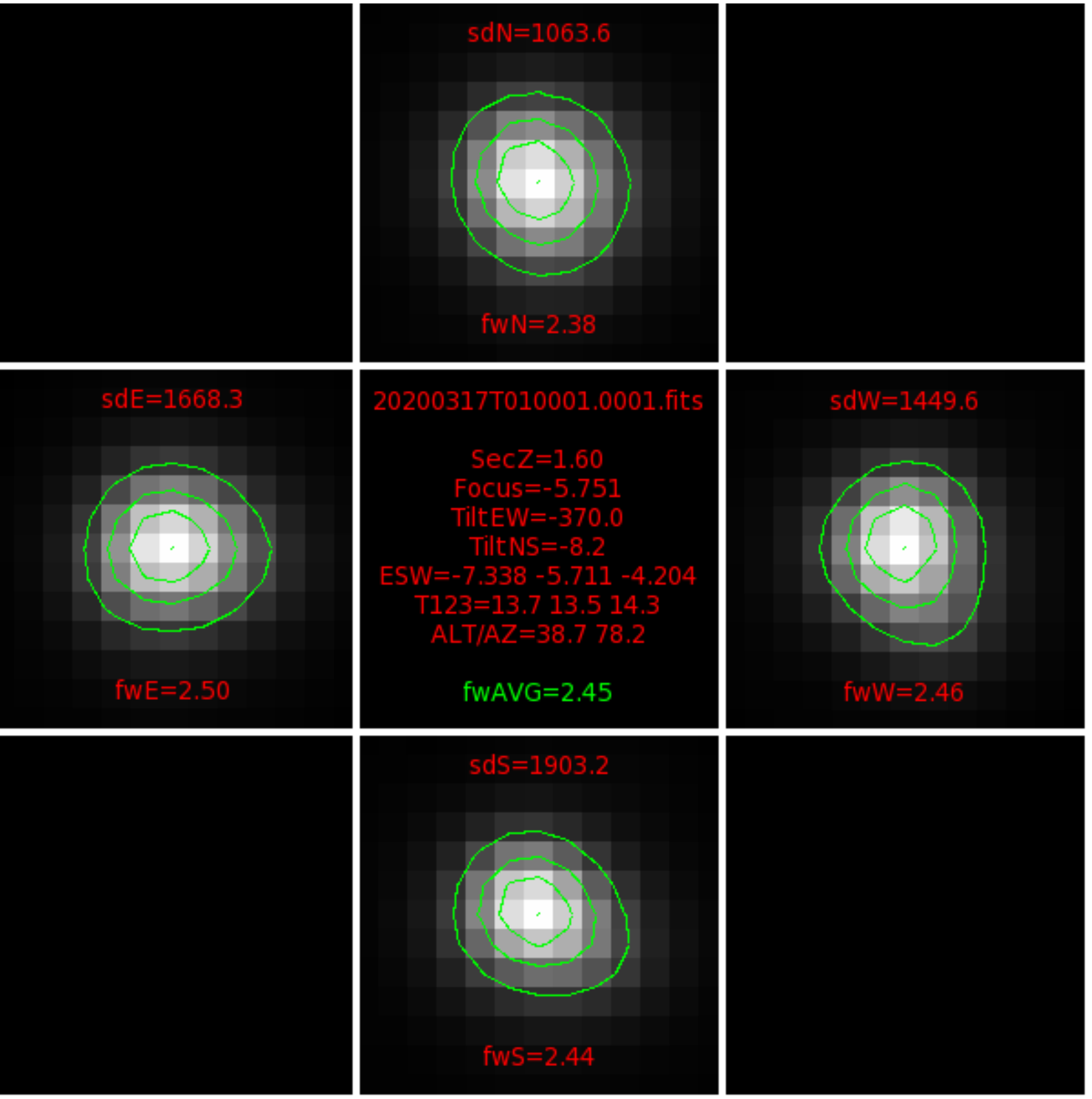
sdN=1063.6
fwN=2.38
sdE=1668.3
fwE=2.50
20200317T010001.0001.fits
SecZ=1.60
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=38.7 78.2
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sdW=1449.6
fwW=2.46
sdS=1903.2
fwS=2.44
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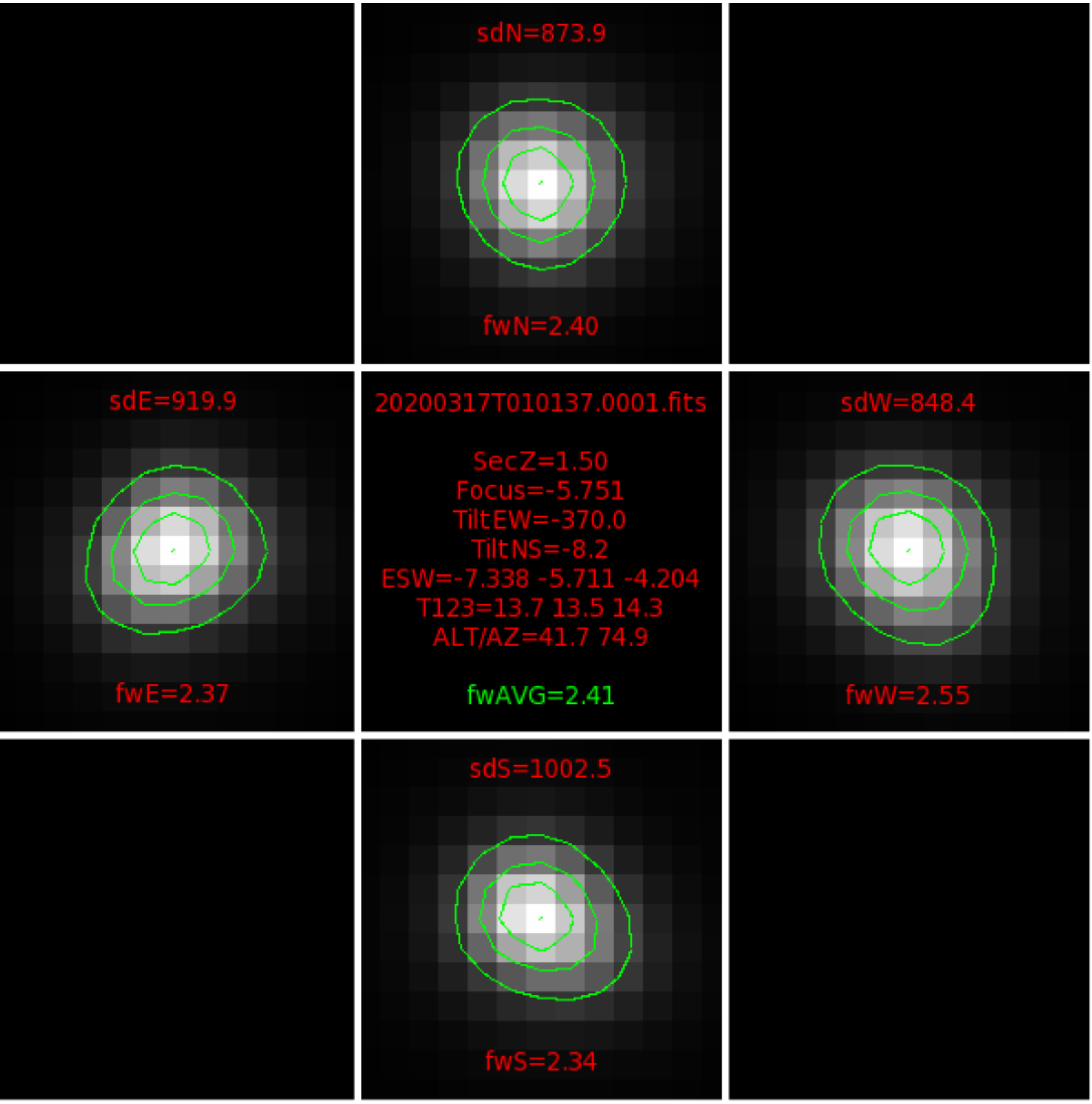
sdN=873.9
fwN=2.40
sdE=919.9
fwE=2.37
20200317T010137.0001.fits
SecZ=1.50
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=41.7 74.9
fwAVG=2.41
sdW=848.4
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sdS=1002.5
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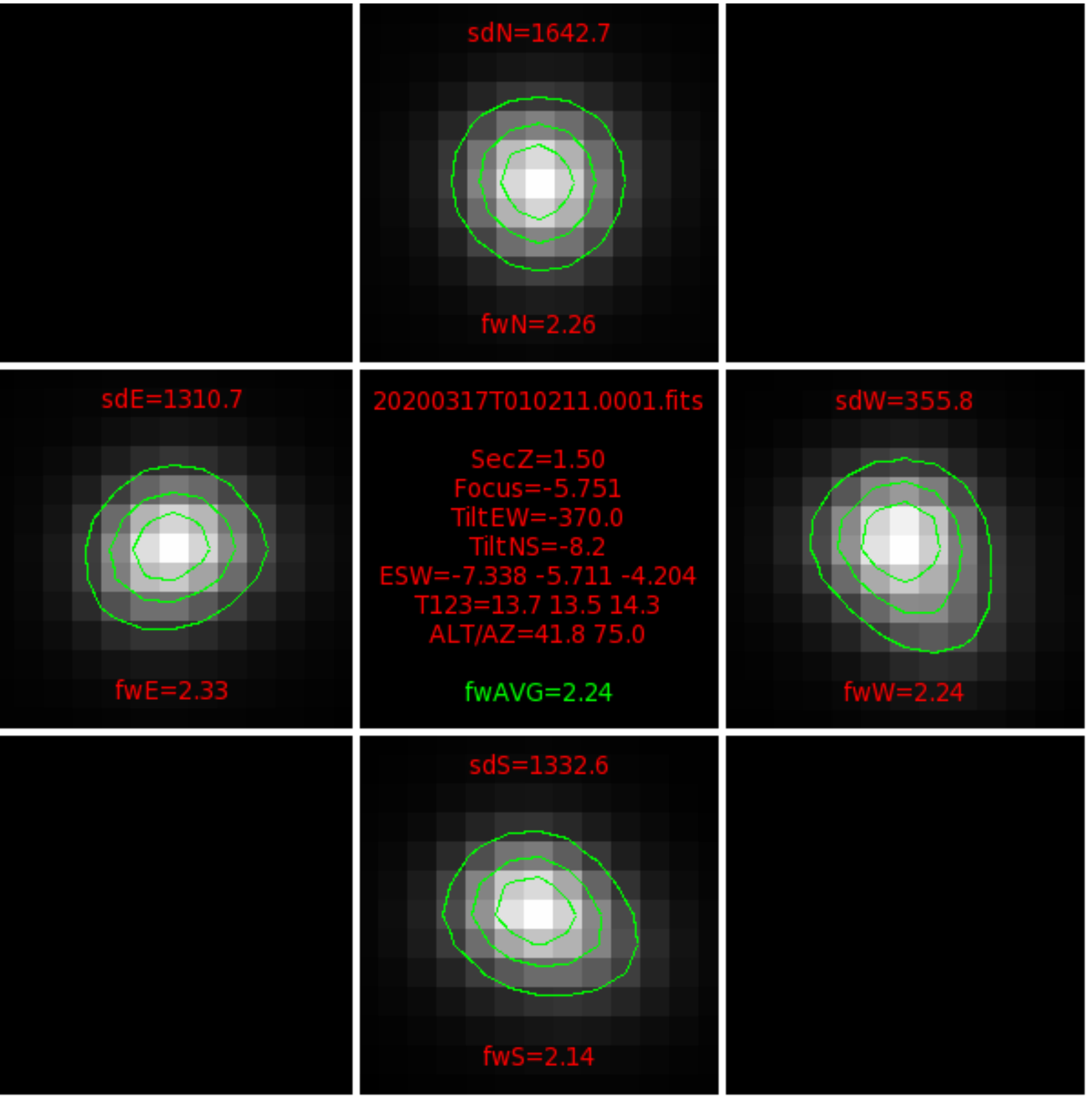
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sdE=1310.7
fwE=2.33
20200317T010211.0001.fits
SecZ=1.50
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=41.8 75.0
fwAVG=2.24
sdW=355.8
fwW=2.24
sdS=1332.6
fwS=2.14
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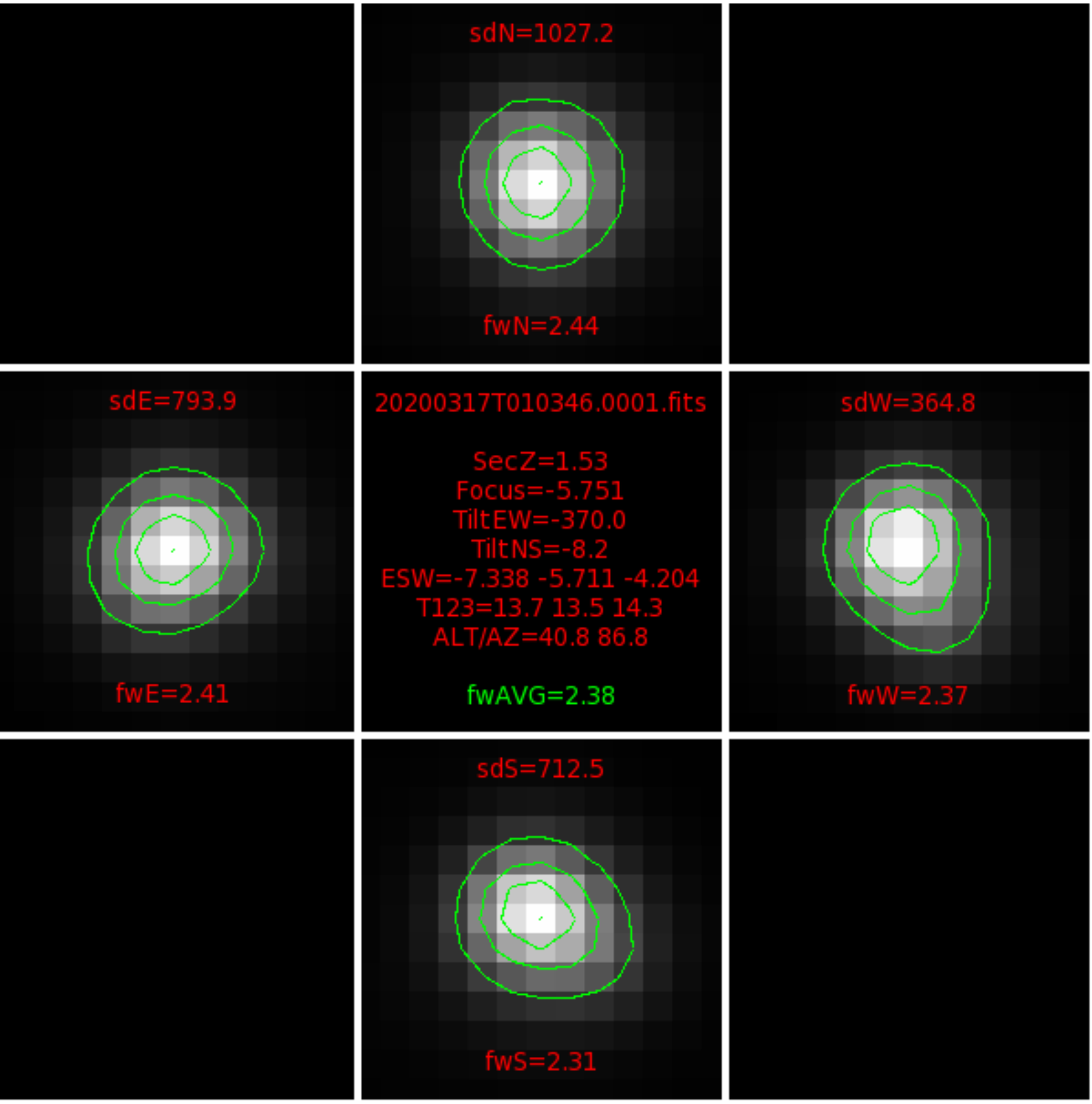
sdN=1027.2
fwN=2.44
sdE=793.9
fwE=2.41
20200317T010346.0001.fits
SecZ=1.53
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=40.8 86.8
fwAVG=2.38
sdW=364.8
fwW=2.37
sdS=712.5
fwS=2.31
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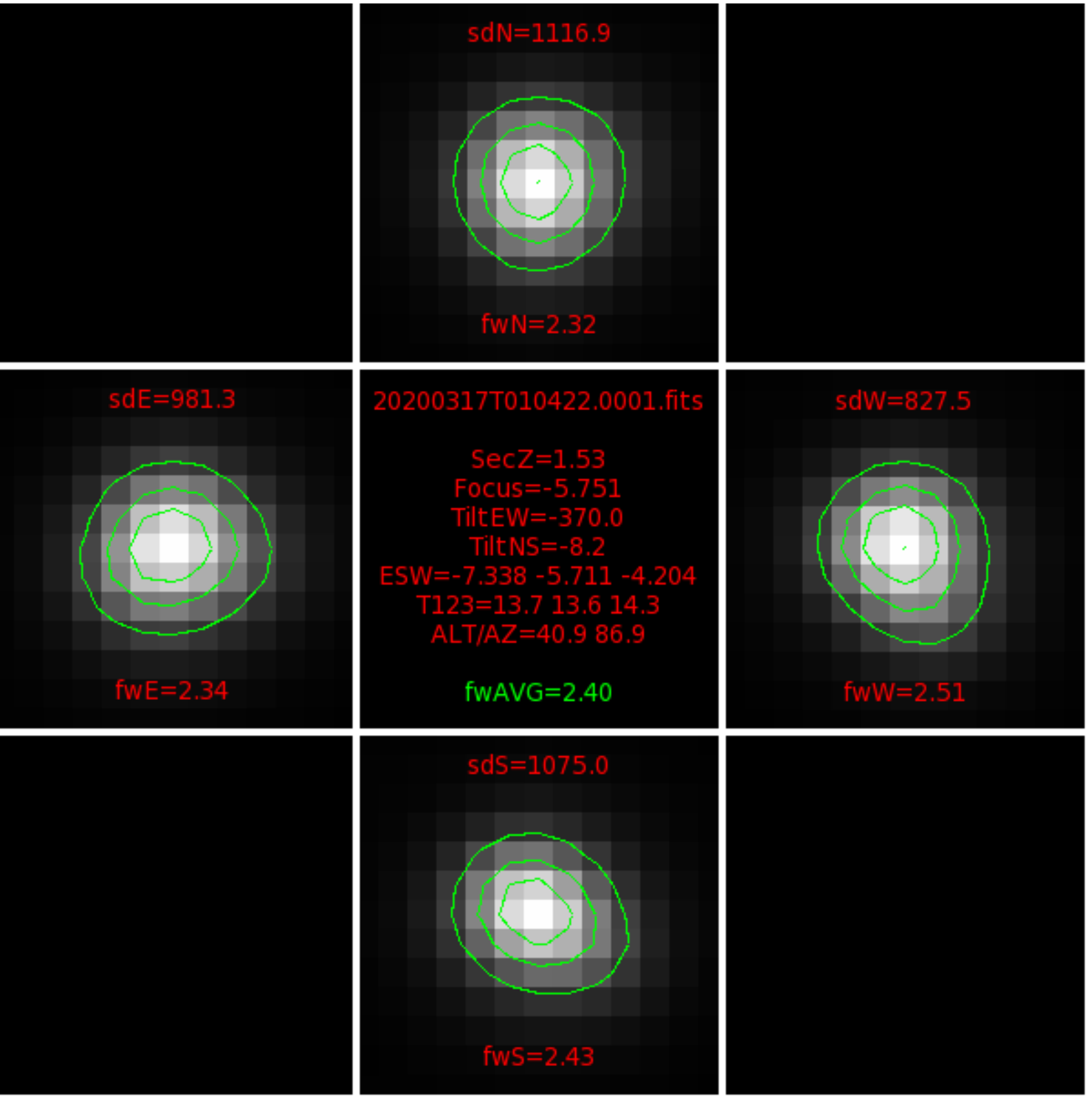
sdN=1116.9
fwN=2.32
sdE=981.3
fwE=2.34
20200317T010422.0001.fits
SecZ=1.53
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.6 14.3
ALT/AZ=40.9 86.9
fwAVG=2.40
sdW=827.5
fwW=2.51
sdS=1075.0
fwS=2.43
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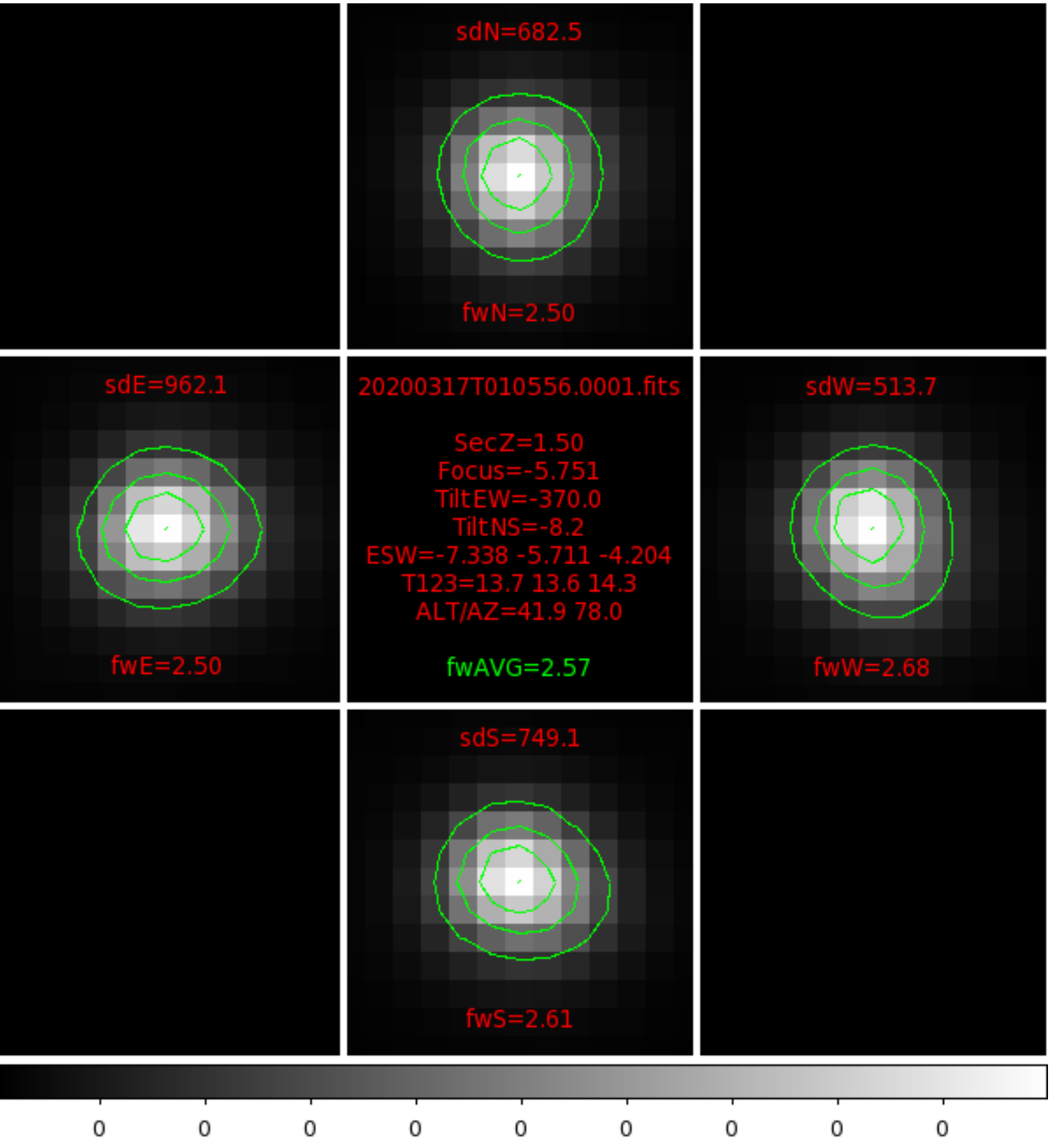
sdN=682.5
fwN=2.50
sdE=962.1
fwE=2.50
20200317T010556.0001.fits
SecZ=1.50
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.6 14.3
ALT/AZ=41.9 78.0
fwAVG=2.57
sdW=513.7
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sdS=749.1
fwS=2.61
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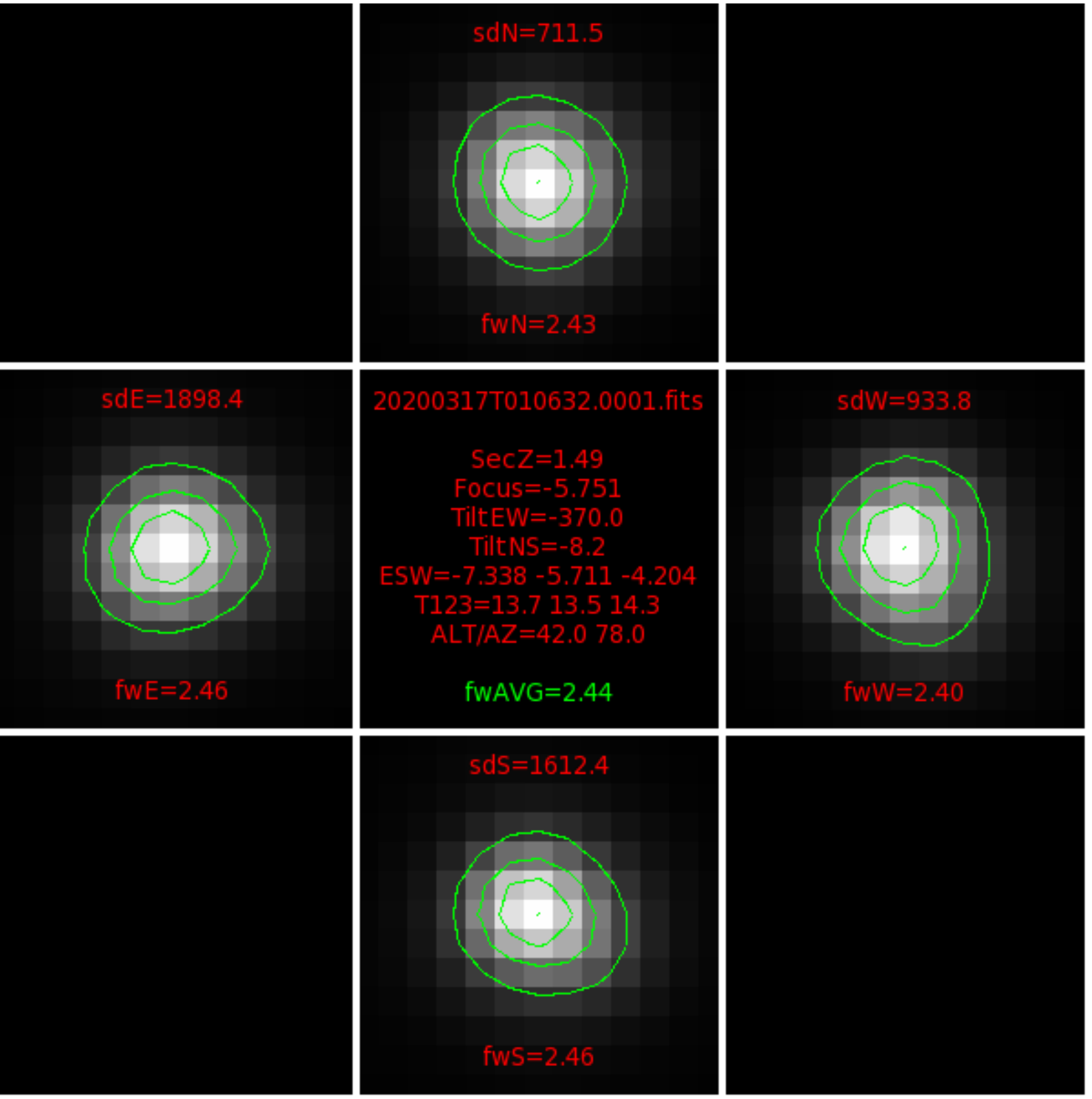
sdN=711.5
fwN=2.43
sdE=1898.4
fwE=2.46
20200317T010632.0001.fits
SecZ=1.49
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=42.0 78.0
fwAVG=2.44
sdW=933.8
fwW=2.40
sdS=1612.4
fwS=2.46
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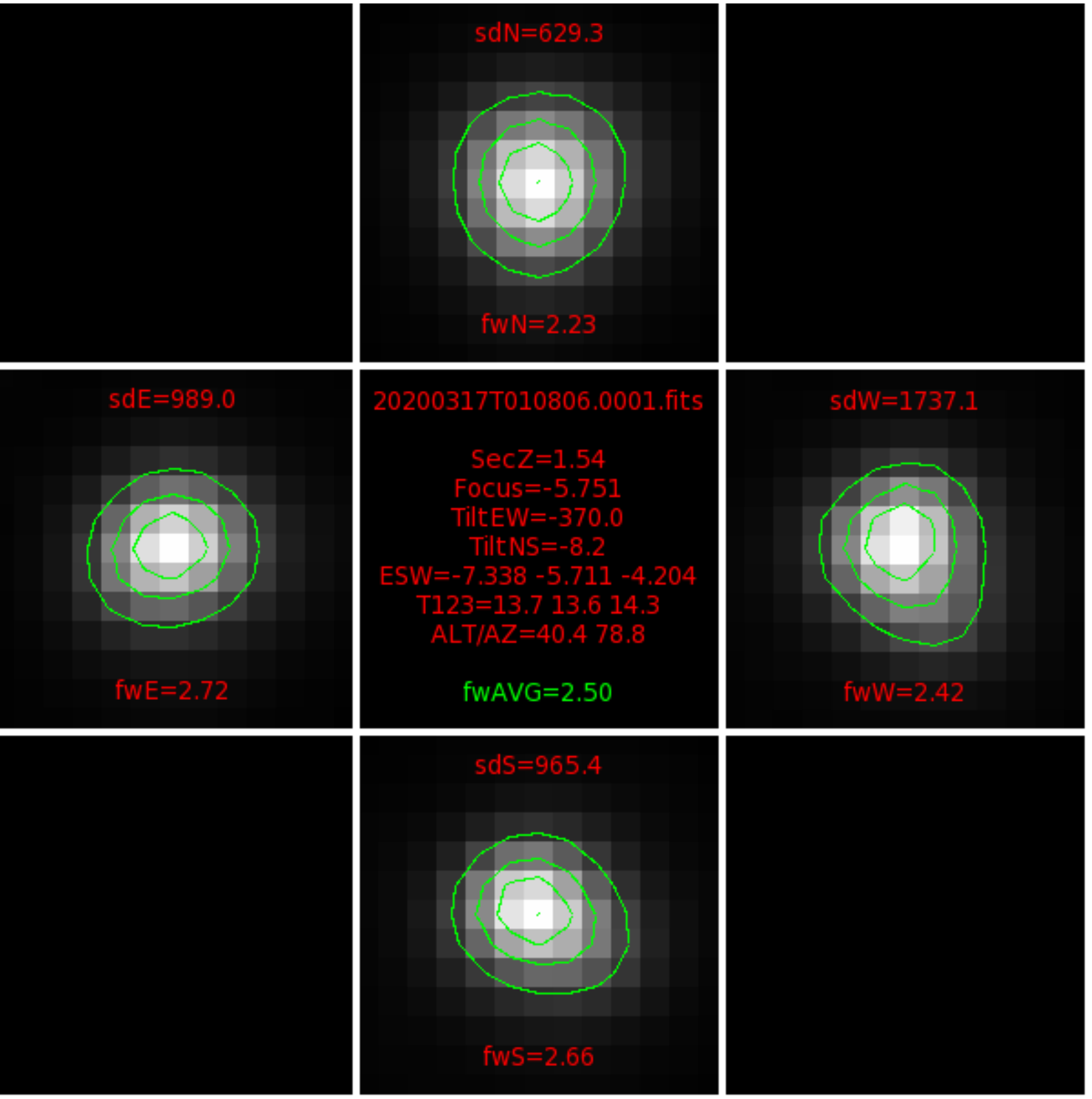
sdN=629.3
fwN=2.23
sdE=989.0
fwE=2.72
20200317T010806.0001.fits
SecZ=1.54
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.6 14.3
ALT/AZ=40.4 78.8
fwAVG=2.50
sdW=1737.1
fwW=2.42
sdS=965.4
fwS=2.66
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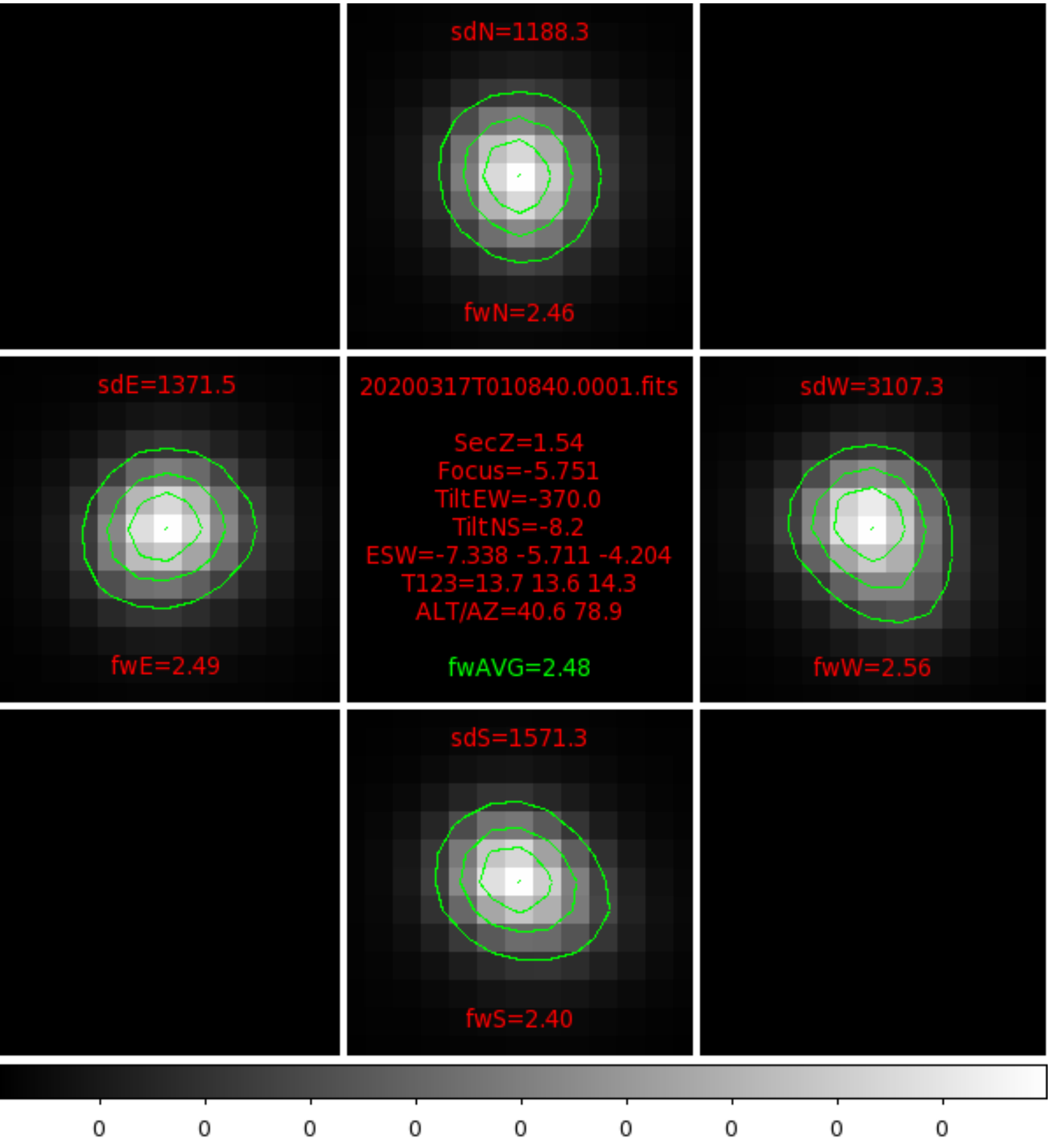
sdN=1188.3
fwN=2.46
sdE=1371.5
fwE=2.49
20200317T010840.0001.fits
SecZ=1.54
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.6 14.3
ALT/AZ=40.6 78.9
fwAVG=2.48
sdW=3107.3
fwW=2.56
sdS=1571.3
fwS=2.40
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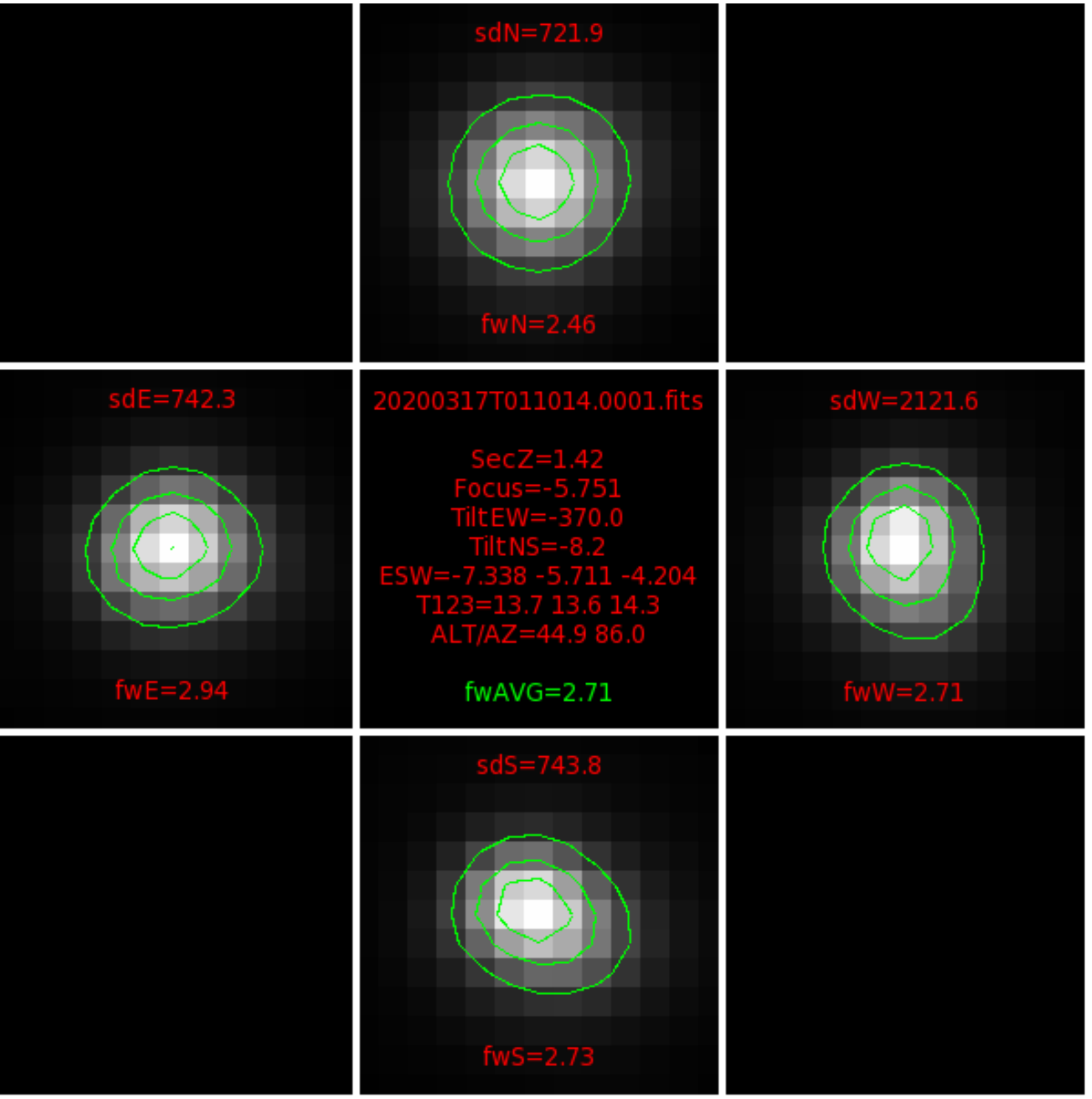
sdN=721.9
fwN=2.46
sdE=742.3
fwE=2.94
20200317T011014.0001.fits
SecZ=1.42
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.6 14.3
ALT/AZ=44.9 86.0
fwAVG=2.71
sdW=2121.6
fwW=2.71
sdS=743.8
fwS=2.73
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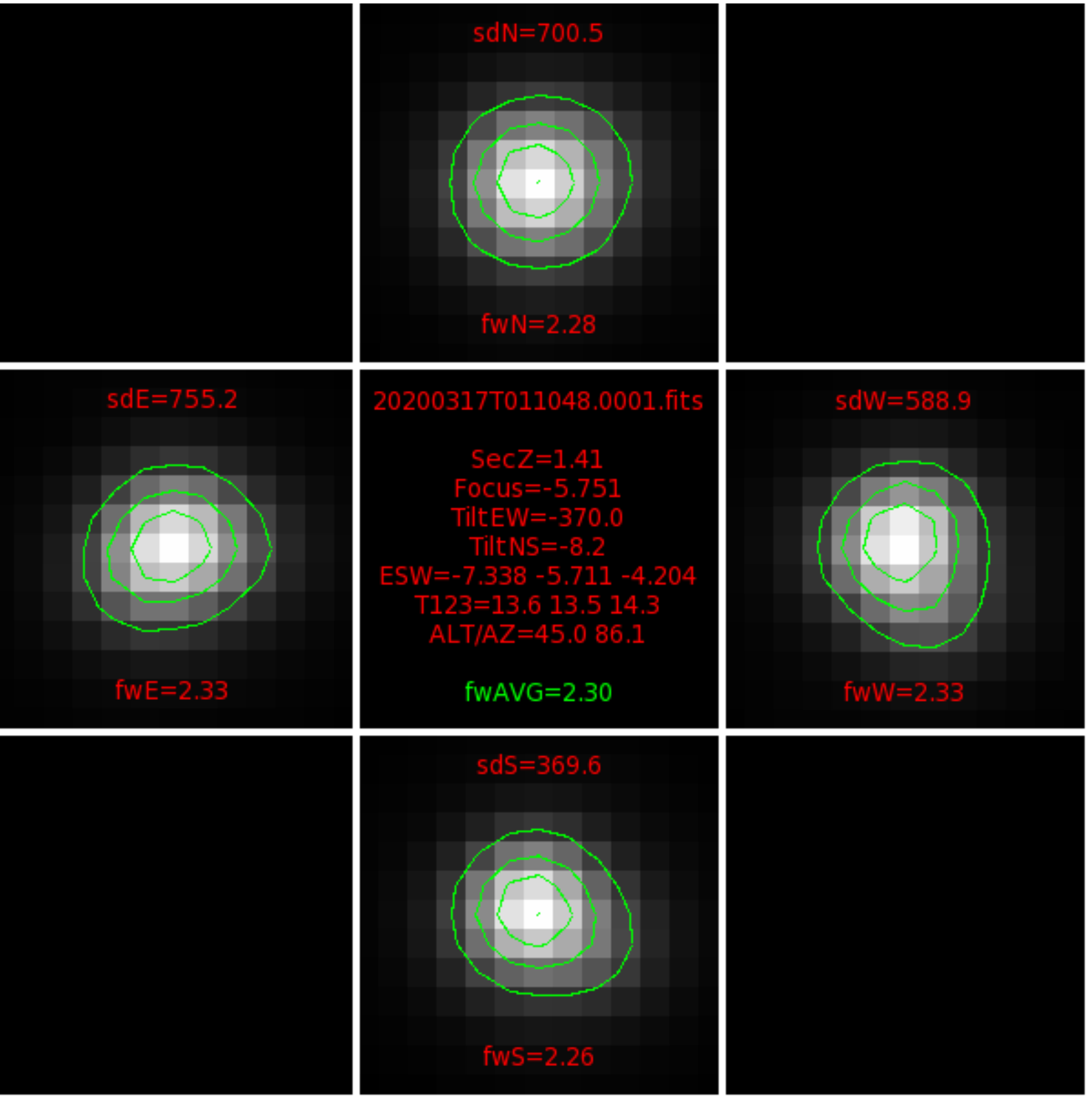
sdN=700.5
fwN=2.28
sdE=755.2
fwE=2.33
20200317T011048.0001.fits
SecZ=1.41
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.6 13.5 14.3
ALT/AZ=45.0 86.1
fwAVG=2.30
sdW=588.9
fwW=2.33
sdS=369.6
fwS=2.26
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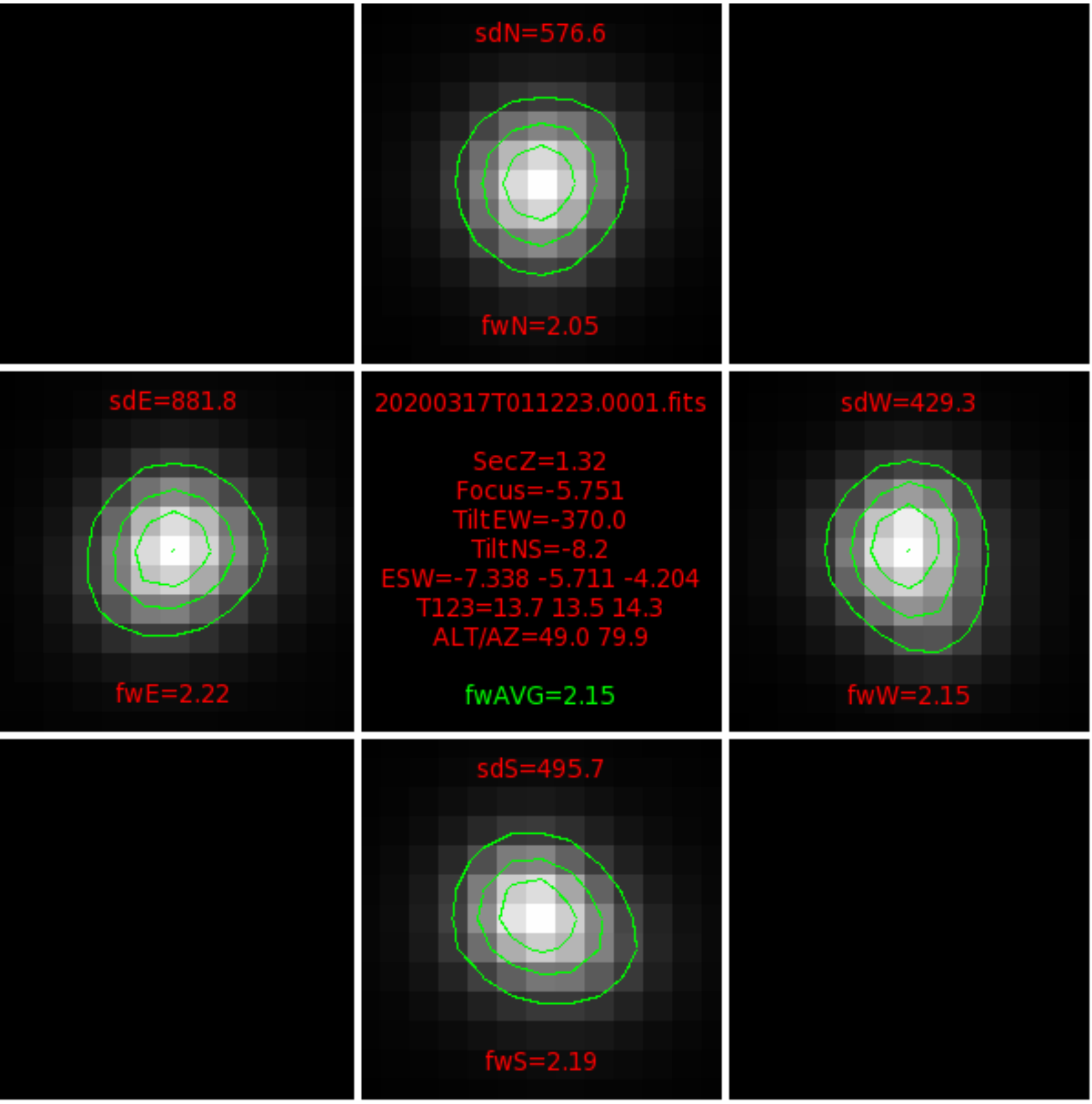
sdN=576.6
fwN=2.05
sdE=881.8
fwE=2.22
20200317T011223.0001.fits
SecZ=1.32
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=49.0 79.9
fwAVG=2.15
sdW=429.3
fwW=2.15
sdS=495.7
fwS=2.19
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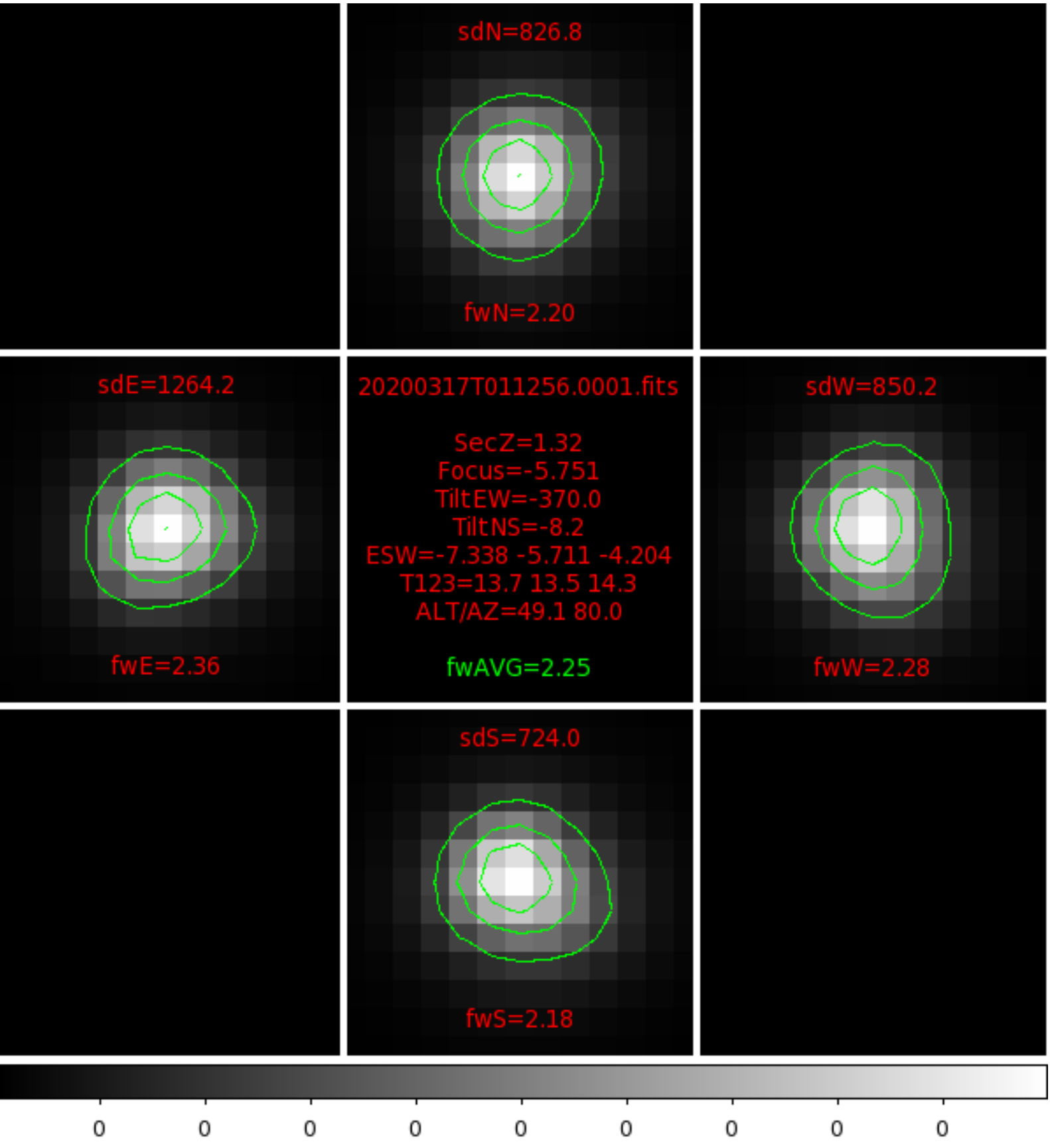
sdN=826.8
fwN=2.20
sdE=1264.2
fwE=2.36
20200317T011256.0001.fits
SecZ=1.32
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=49.1 80.0
fwAVG=2.25
sdW=850.2
fwW=2.28
sdS=724.0
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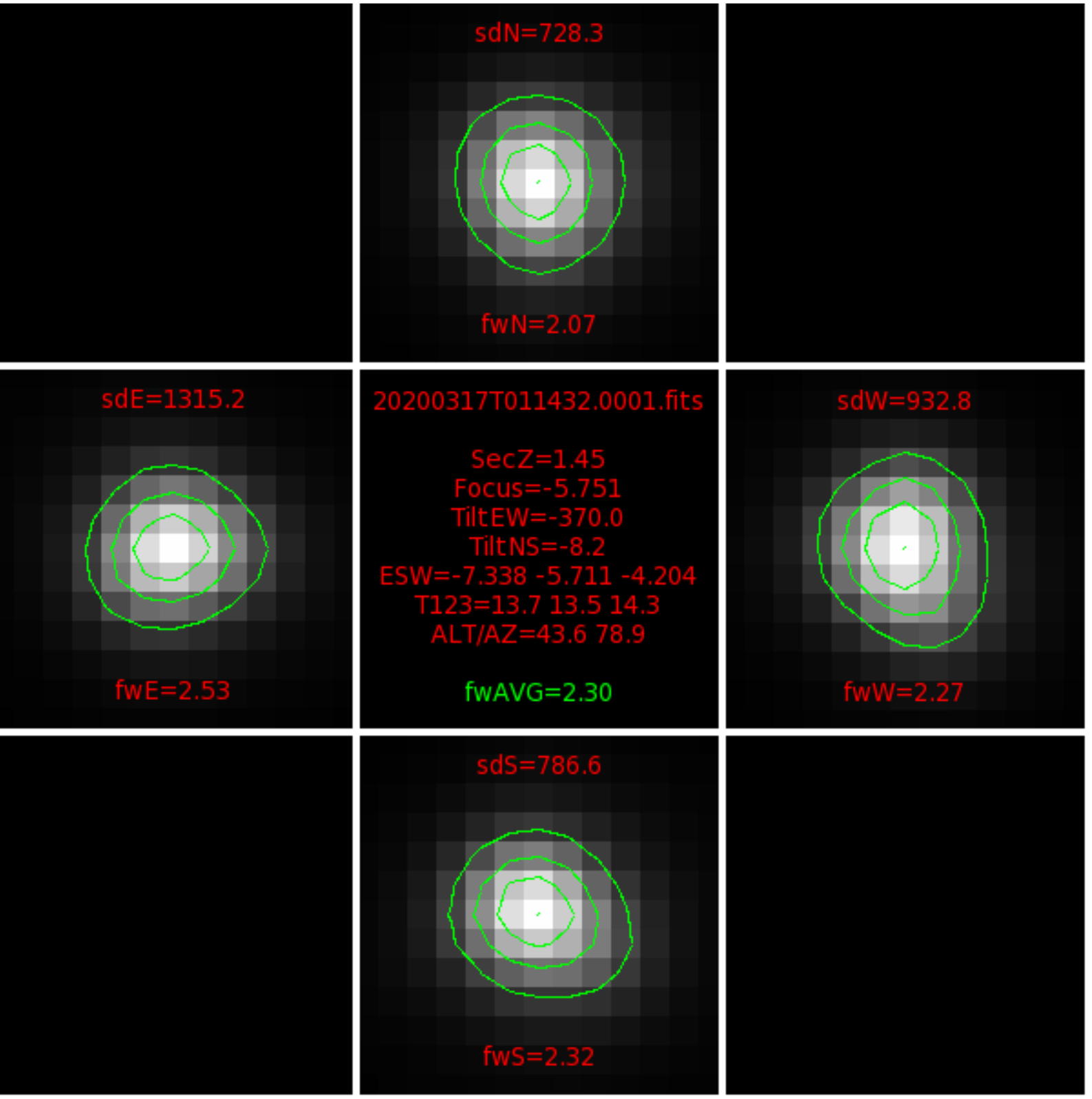
sdN=728.3
fwN=2.07
sdE=1315.2
fwE=2.53
20200317T011432.0001.fits
SecZ=1.45
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=43.6 78.9
fwAVG=2.30
sdW=932.8
fwW=2.27
sdS=786.6
fwS=2.32
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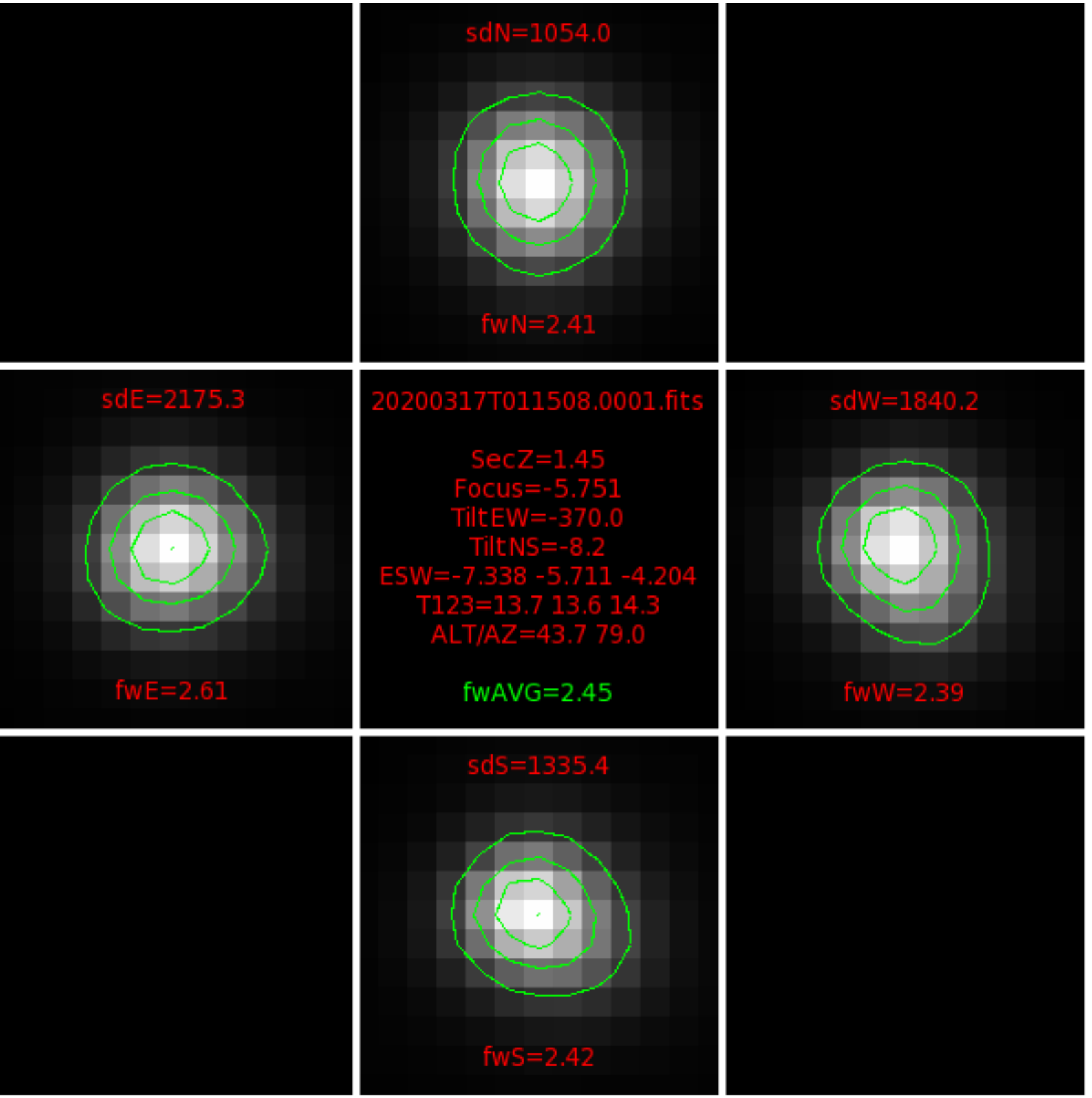
sdN=1054.0
fwN=2.41
sdE=2175.3
fwE=2.61
20200317T011508.0001.fits
SecZ=1.45
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.6 14.3
ALT/AZ=43.7 79.0
fwAVG=2.45
sdW=1840.2
fwW=2.39
sdS=1335.4
fwS=2.42
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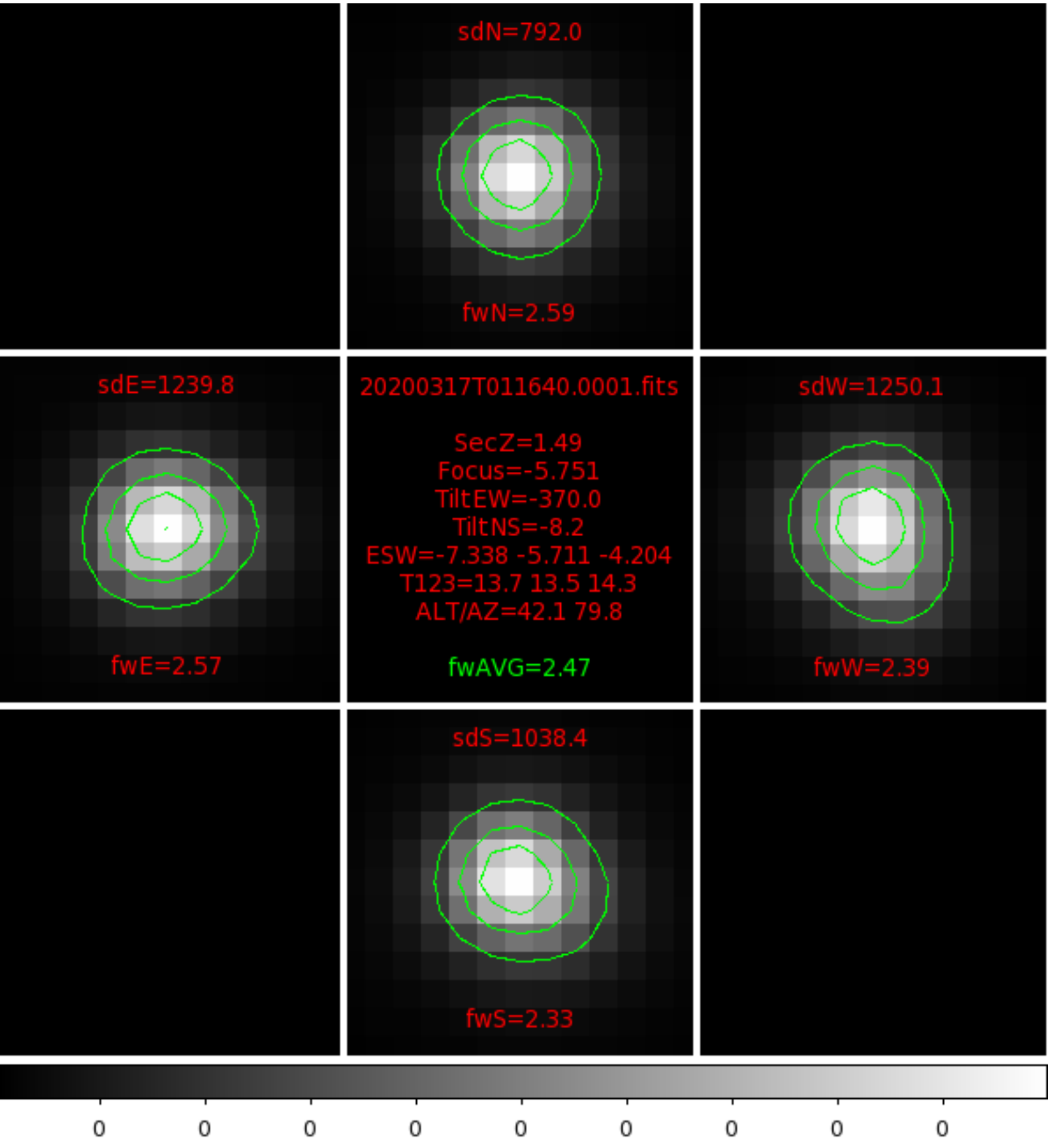
sdN=792.0
fwN=2.59
sdE=1239.8
fwE=2.57
20200317T011640.0001.fits
SecZ=1.49
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=42.1 79.8
fwAVG=2.47
sdW=1250.1
fwW=2.39
sdS=1038.4
fwS=2.33
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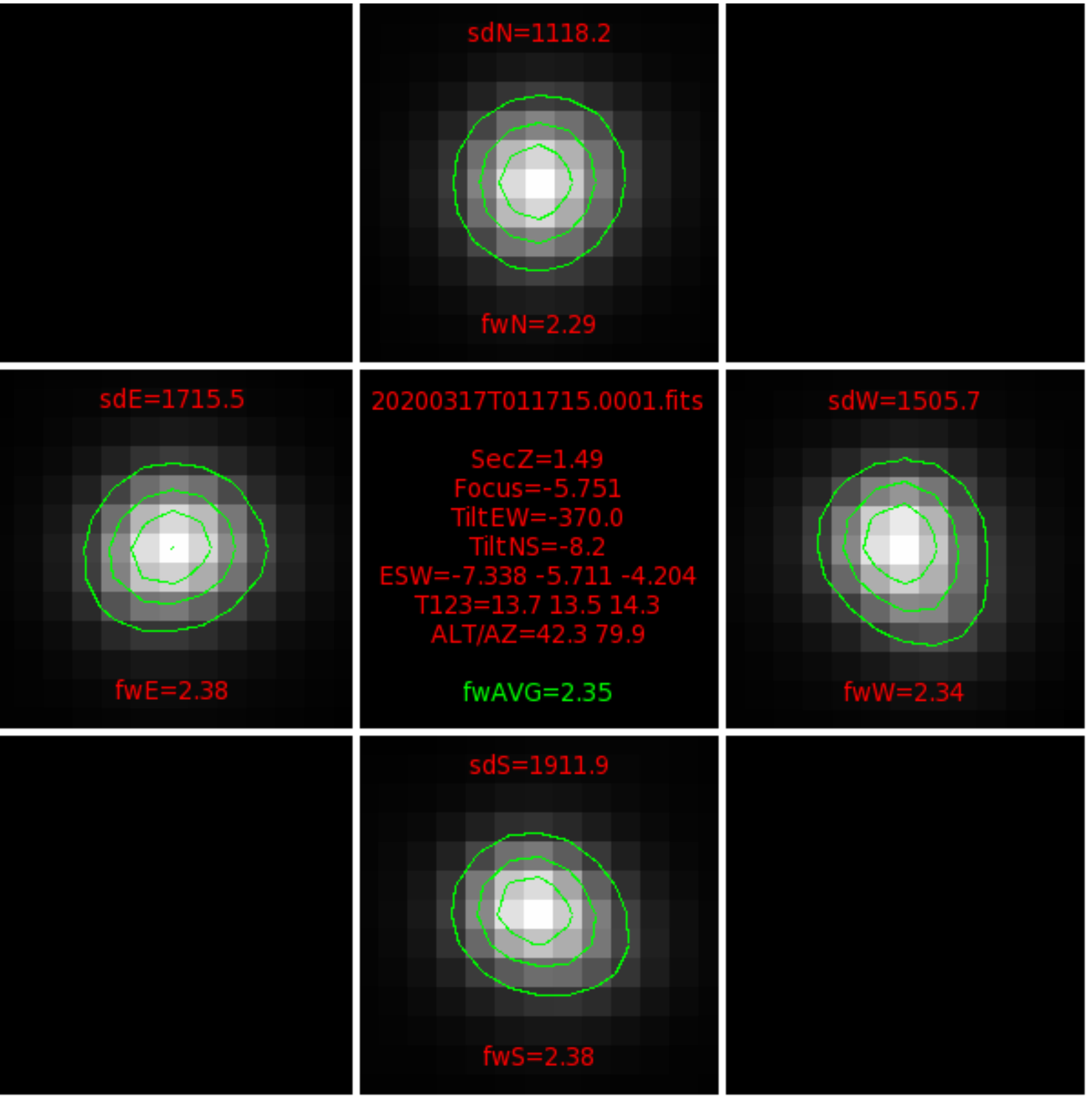
sdN=1118.2
fwN=2.29
sdE=1715.5
fwE=2.38
20200317T011715.0001.fits
SecZ=1.49
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=42.3 79.9
fwAVG=2.35
sdW=1505.7
fwW=2.34
sdS=1911.9
fwS=2.38
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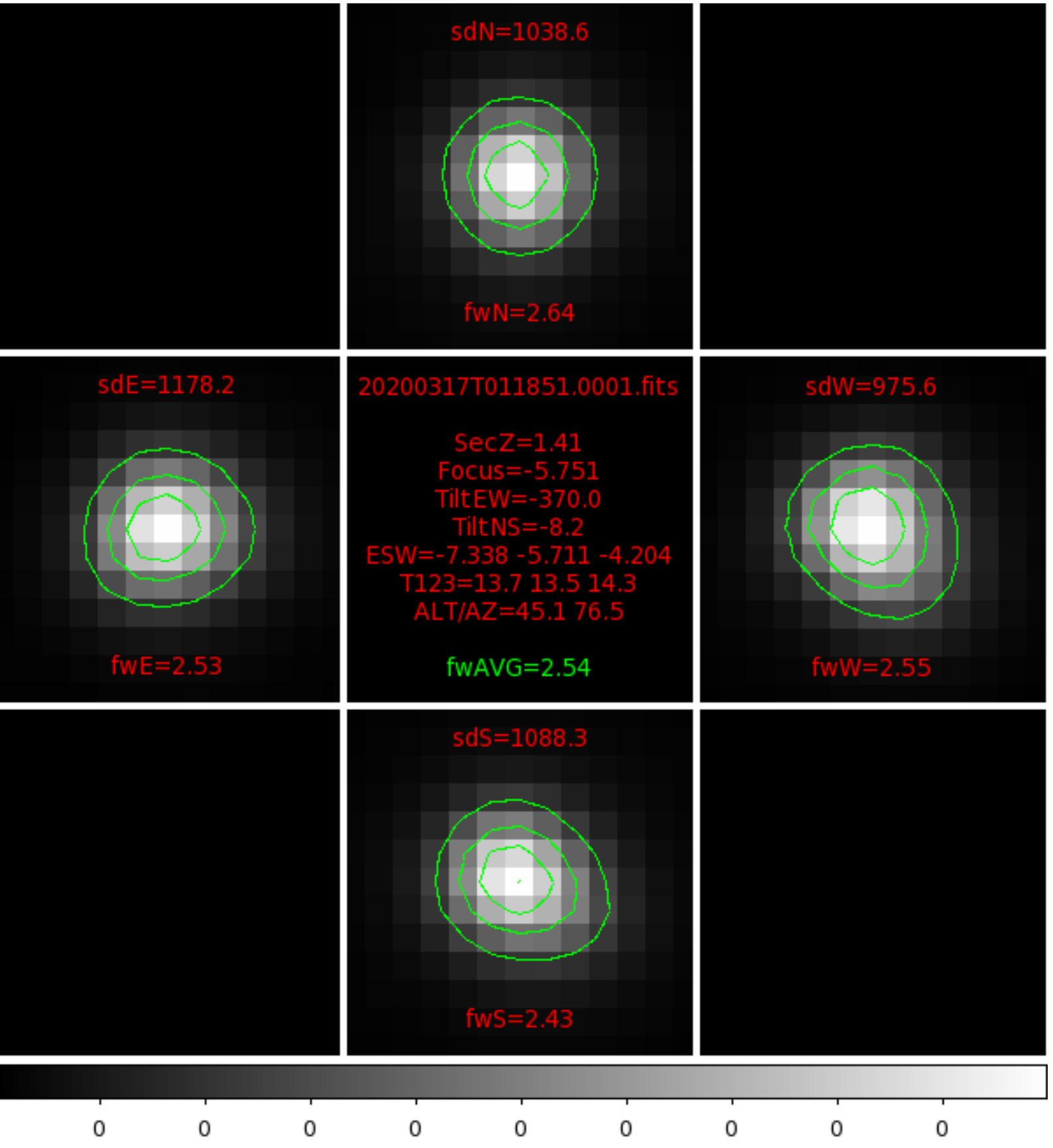
sdN=1038.6
fwN=2.64
sdE=1178.2
fwE=2.53
20200317T011851.0001.fits
SecZ=1.41
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=45.1 76.5
fwAVG=2.54
sdW=975.6
fwW=2.55
sdS=1088.3
fwS=2.43
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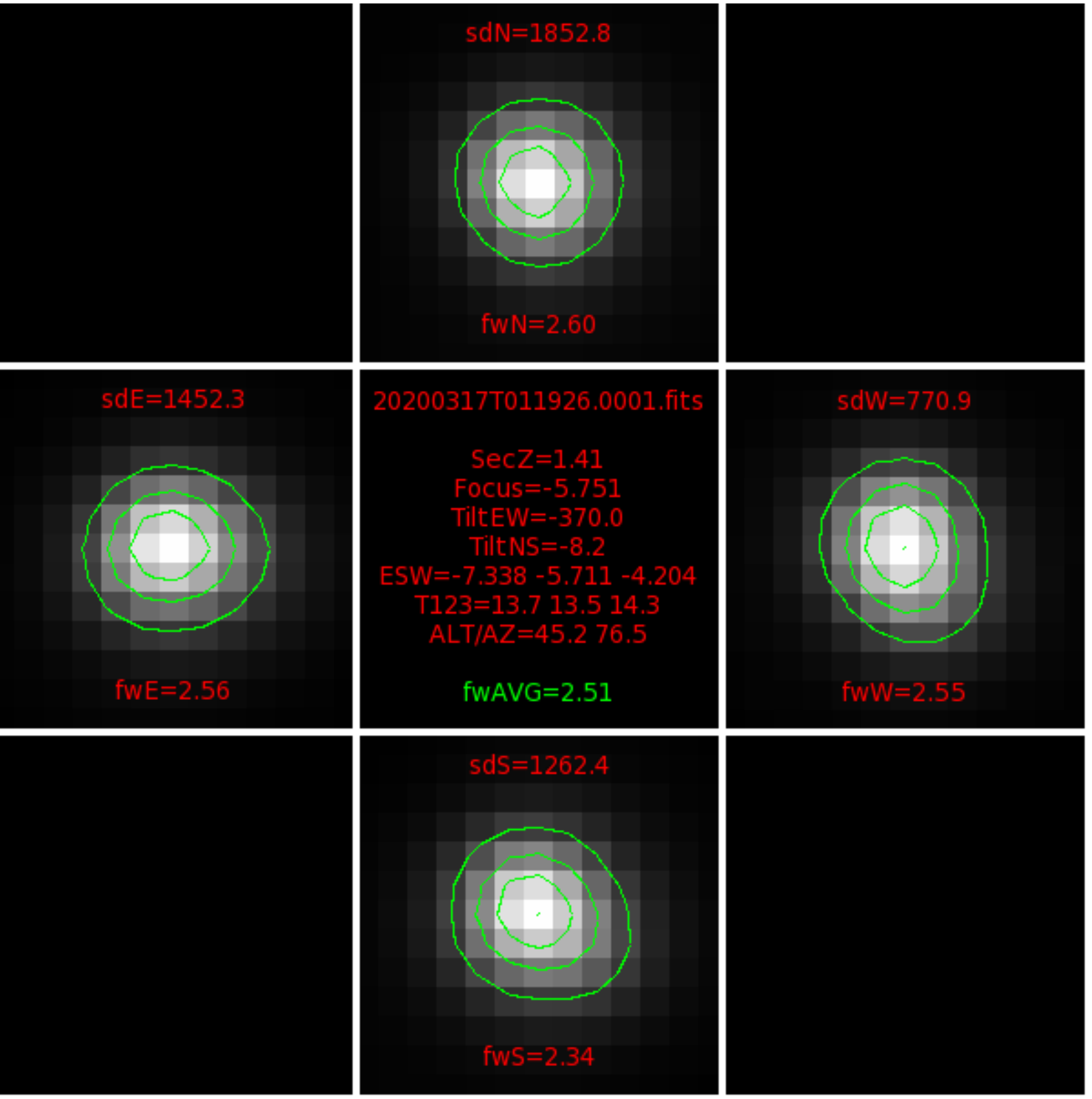
sdN=1852.8
fwN=2.60
sdE=1452.3
fwE=2.56
20200317T011926.0001.fits
SecZ=1.41
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=45.2 76.5
fwAVG=2.51
sdW=770.9
fwW=2.55
sdS=1262.4
fwS=2.34
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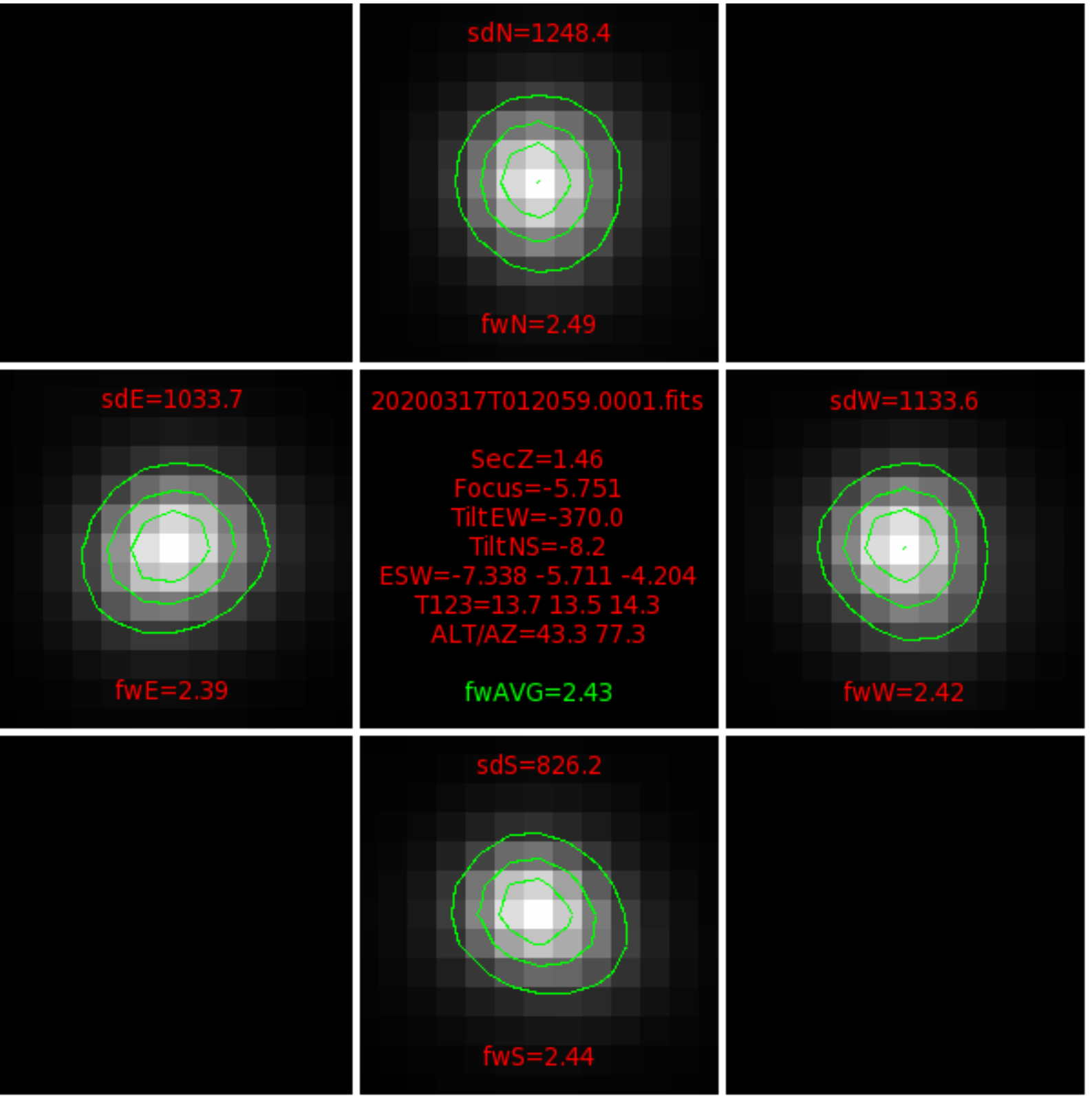
sdN=1248.4
fwN=2.49
sdE=1033.7
fwE=2.39
20200317T012059.0001.fits
SecZ=1.46
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=43.3 77.3
fwAVG=2.43
sdW=1133.6
fwW=2.42
sdS=826.2
fwS=2.44
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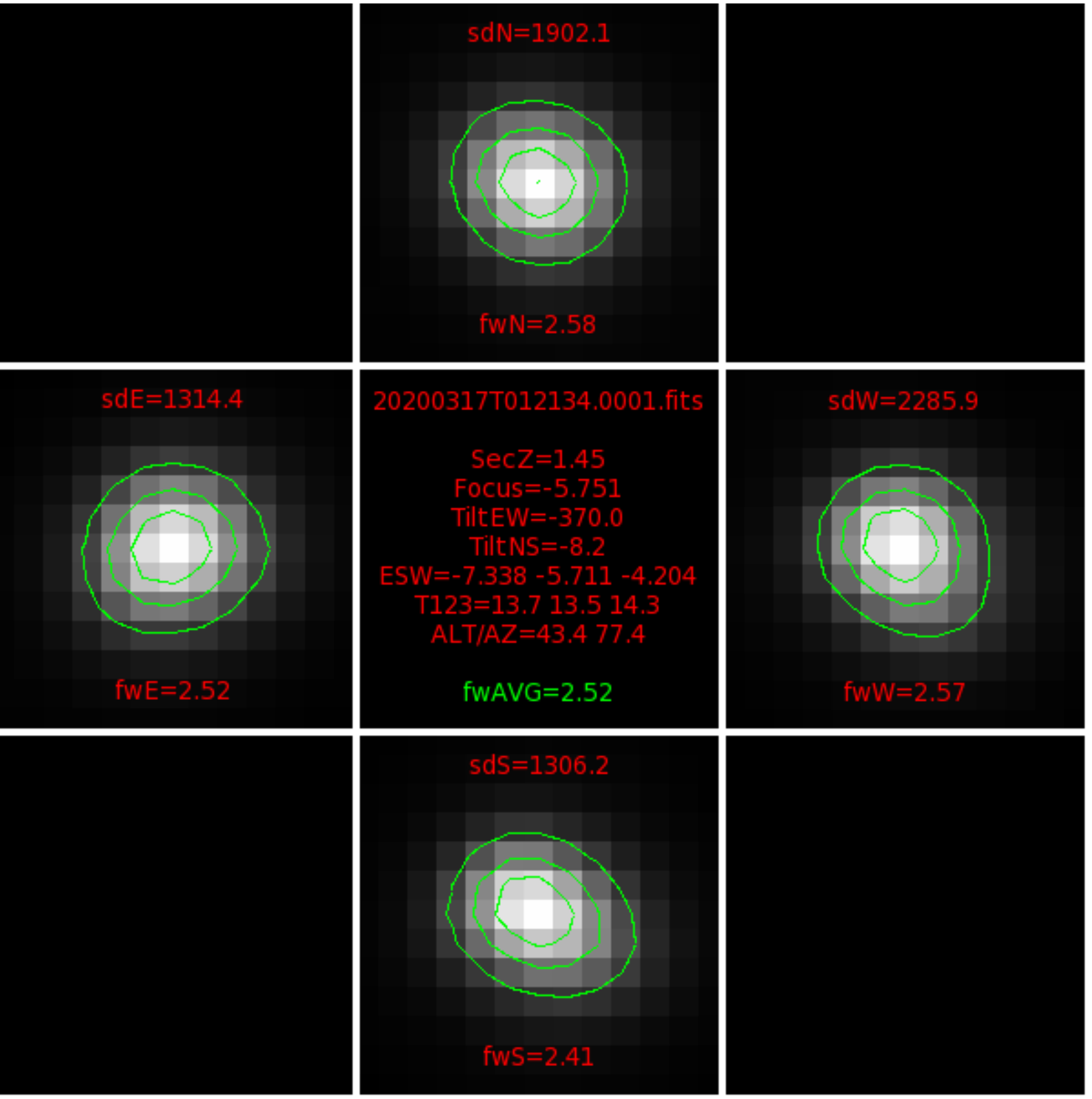
sdN=1902.1
fwN=2.58
sdE=1314.4
fwE=2.52
20200317T012134.0001.fits
SecZ=1.45
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=43.4 77.4
fwAVG=2.52
sdW=2285.9
fwW=2.57
sdS=1306.2
fwS=2.41
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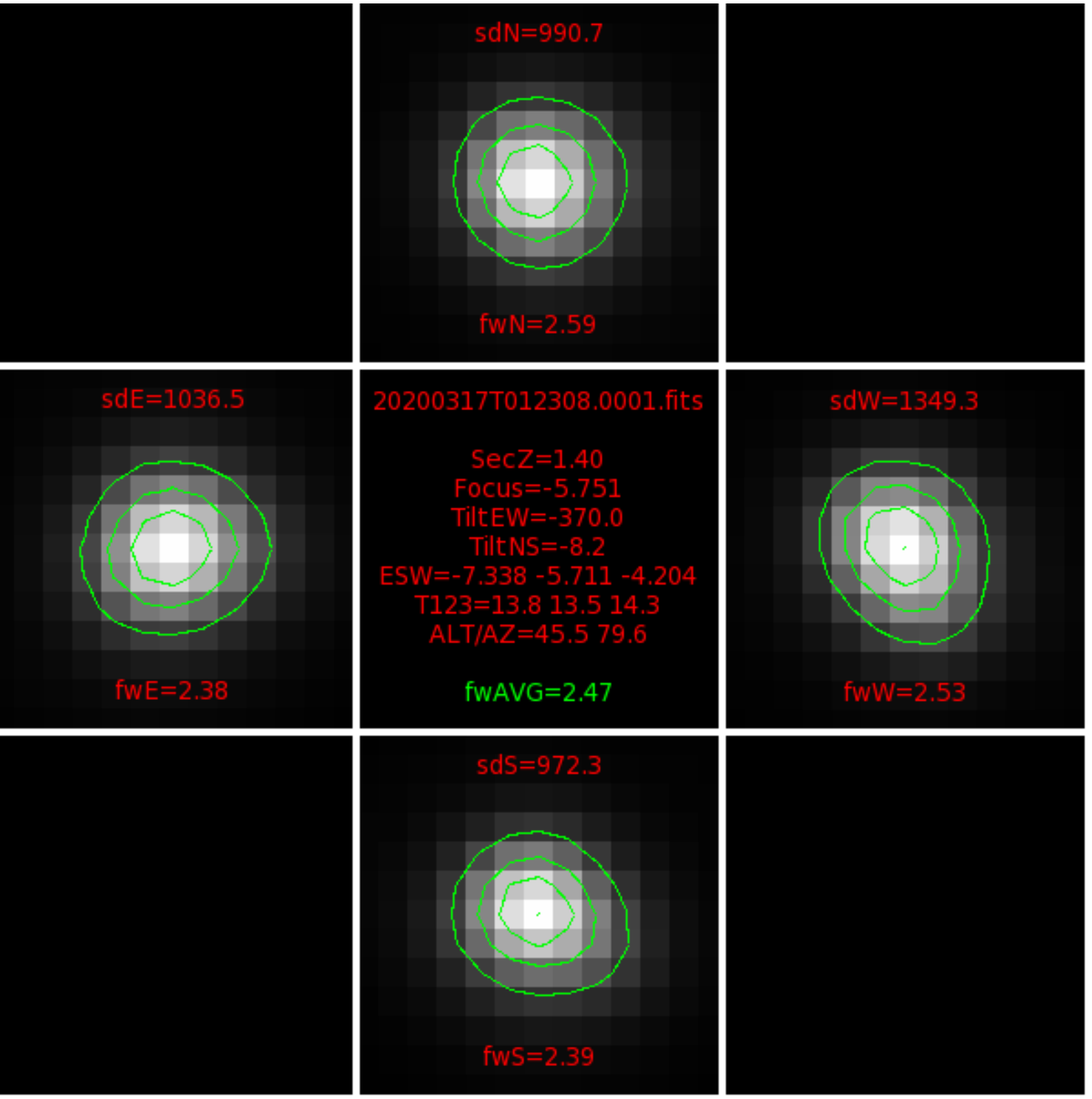
sdN=990.7
fwN=2.59
sdE=1036.5
fwE=2.38
20200317T012308.0001.fits
SecZ=1.40
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.8 13.5 14.3
ALT/AZ=45.5 79.6
fwAVG=2.47
sdW=1349.3
fwW=2.53
sdS=972.3
fwS=2.39
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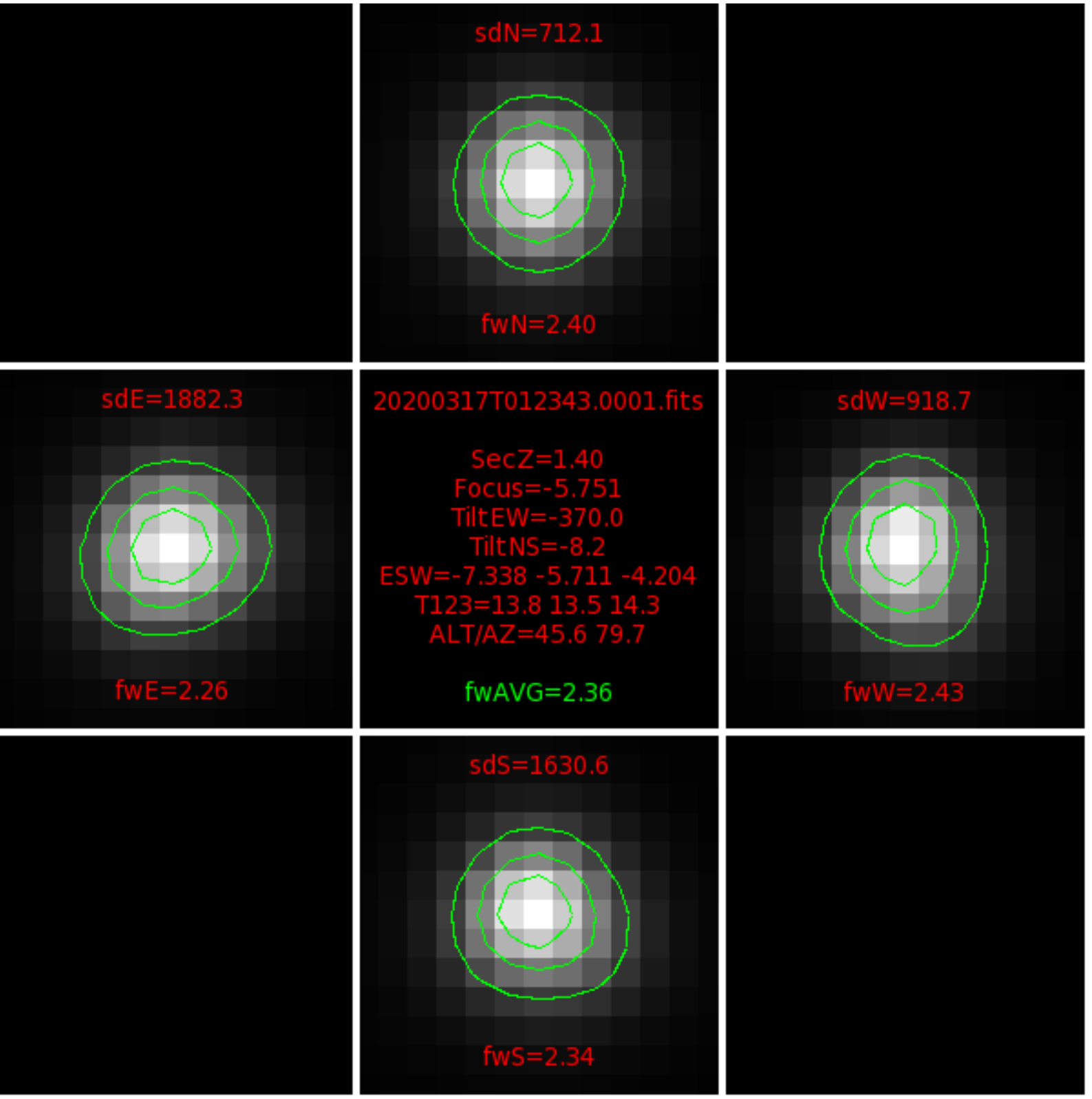
sdN=712.1
fwN=2.40
sdE=1882.3
fwE=2.26
20200317T012343.0001.fits
SecZ=1.40
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.8 13.5 14.3
ALT/AZ=45.6 79.7
fwAVG=2.36
sdW=918.7
fwW=2.43
sdS=1630.6
fwS=2.34
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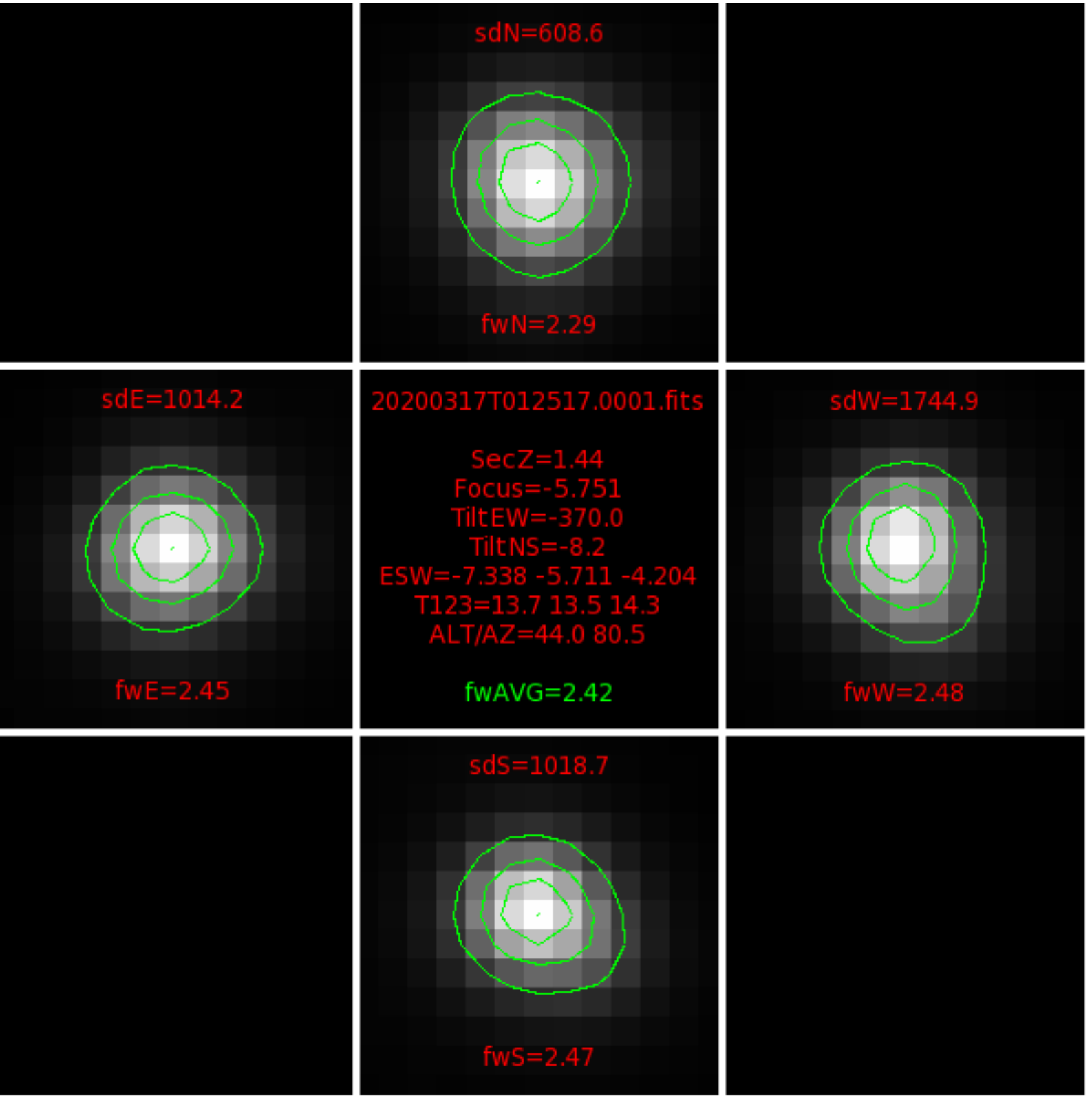
sdN=608.6
fwN=2.29
sdE=1014.2
fwE=2.45
20200317T012517.0001.fits
SecZ=1.44
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=44.0 80.5
fwAVG=2.42
sdW=1744.9
fwW=2.48
sdS=1018.7
fwS=2.47
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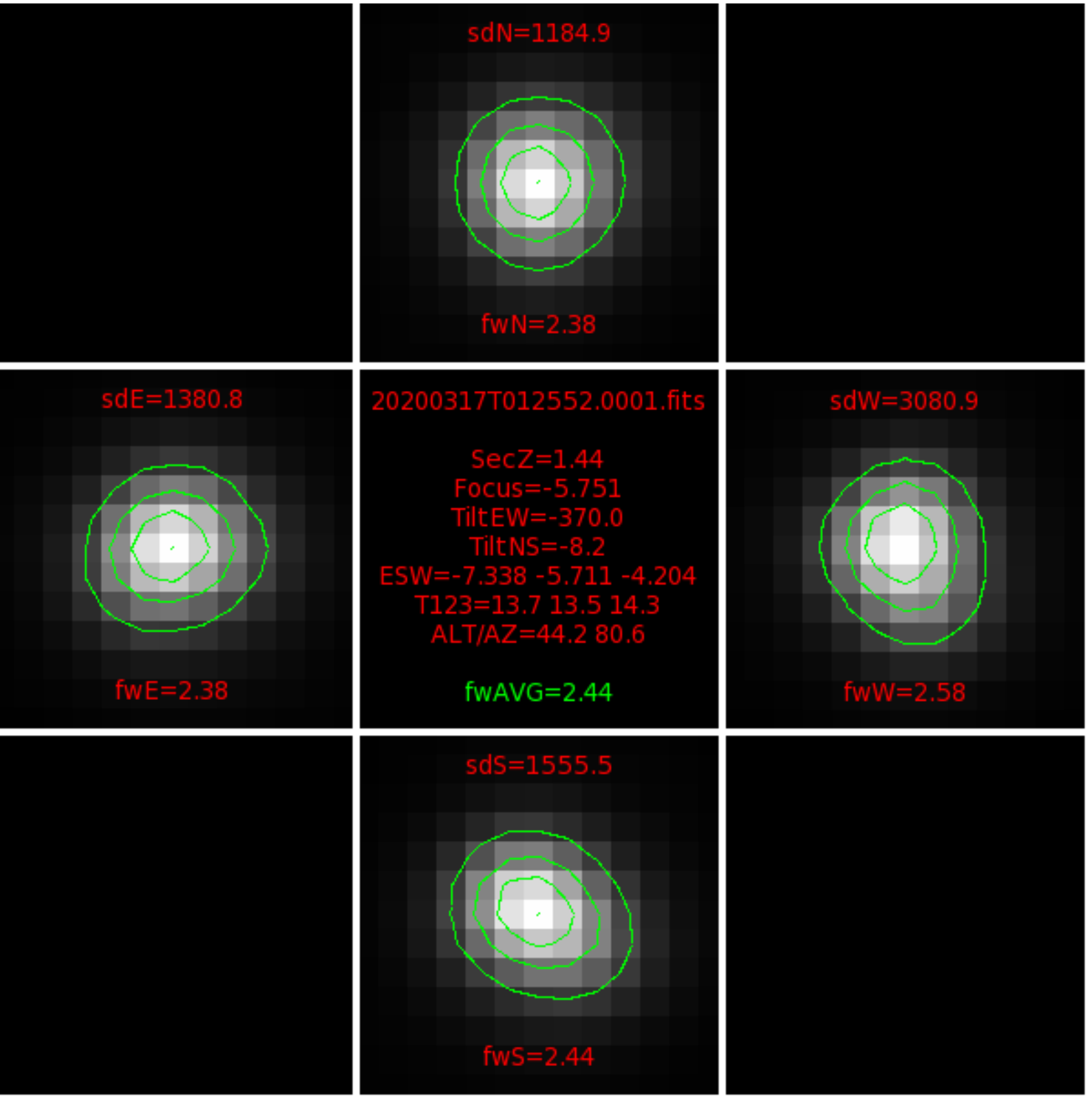
sdN=1184.9
fwN=2.38
sdE=1380.8
fwE=2.38
20200317T012552.0001.fits
SecZ=1.44
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=44.2 80.6
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sdW=3080.9
fwW=2.58
sdS=1555.5
fwS=2.44
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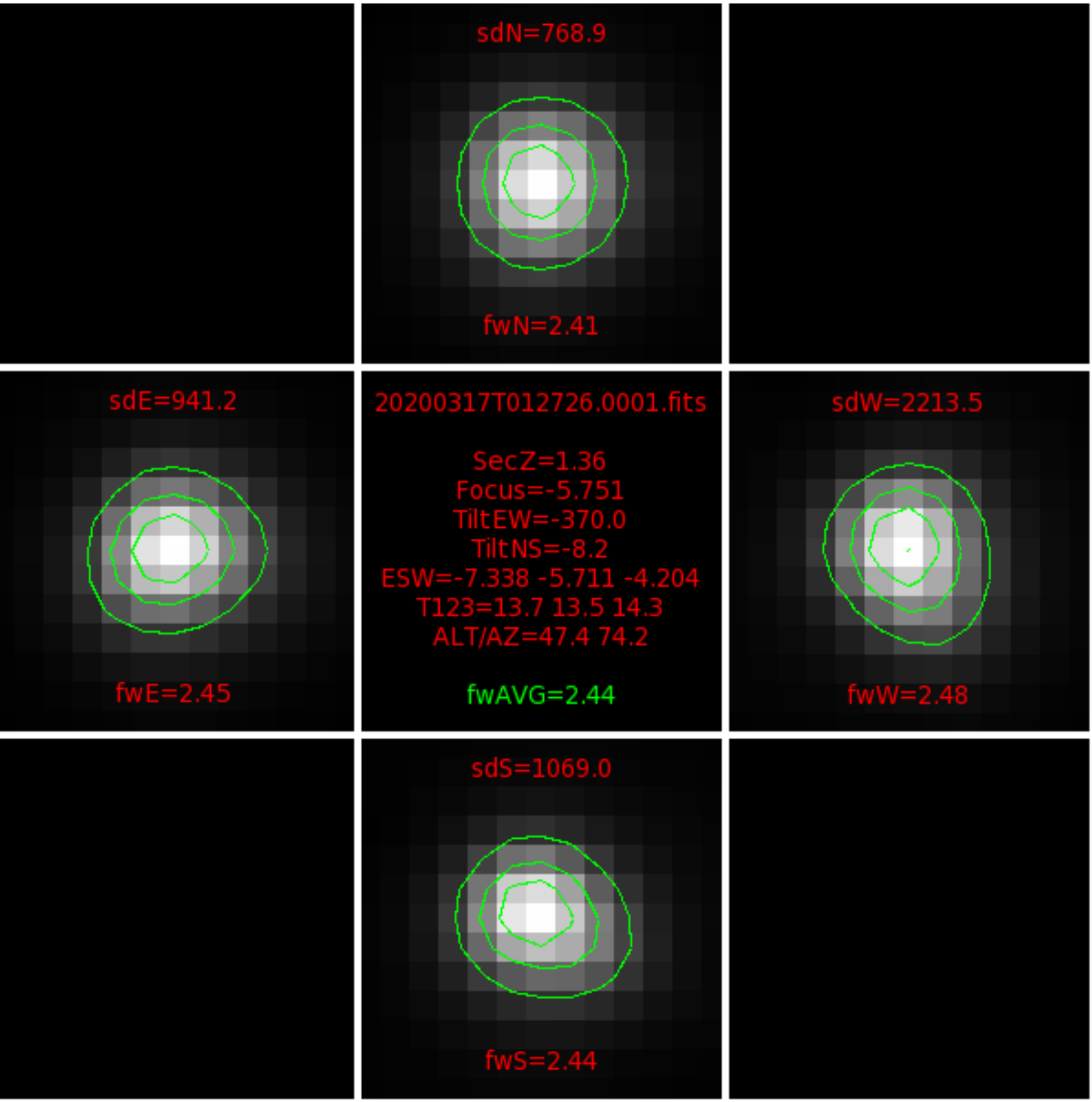
sdN=768.9
fwN=2.41
sdE=941.2
fwE=2.45
20200317T012726.0001.fits
SecZ=1.36
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=47.4 74.2
fwAVG=2.44
sdW=2213.5
fwW=2.48
sdS=1069.0
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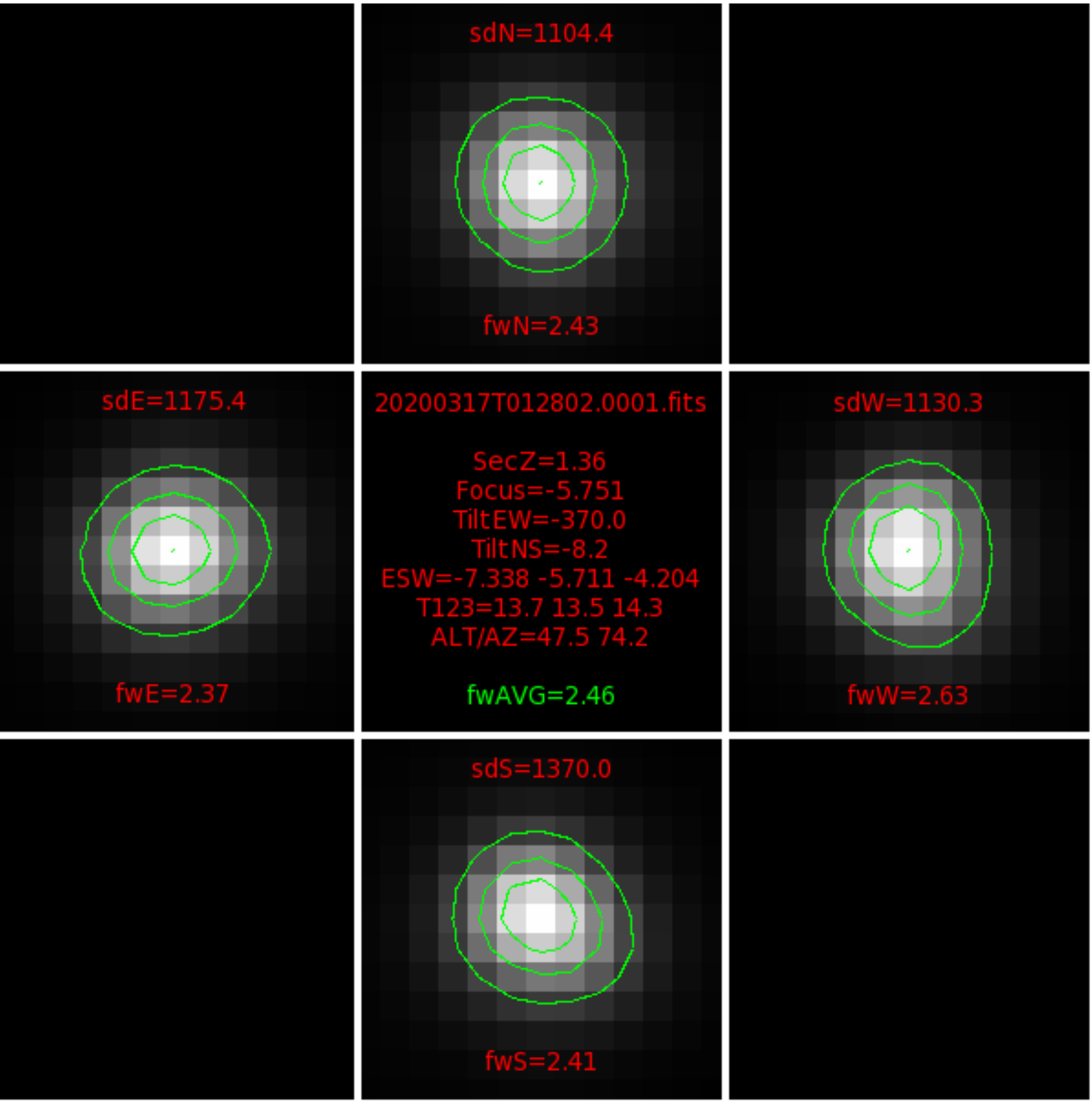
sdN=1104.4
fwN=2.43
sdE=1175.4
fwE=2.37
20200317T012802.0001.fits
SecZ=1.36
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=47.5 74.2
fwAVG=2.46
sdW=1130.3
fwW=2.63
sdS=1370.0
fwS=2.41
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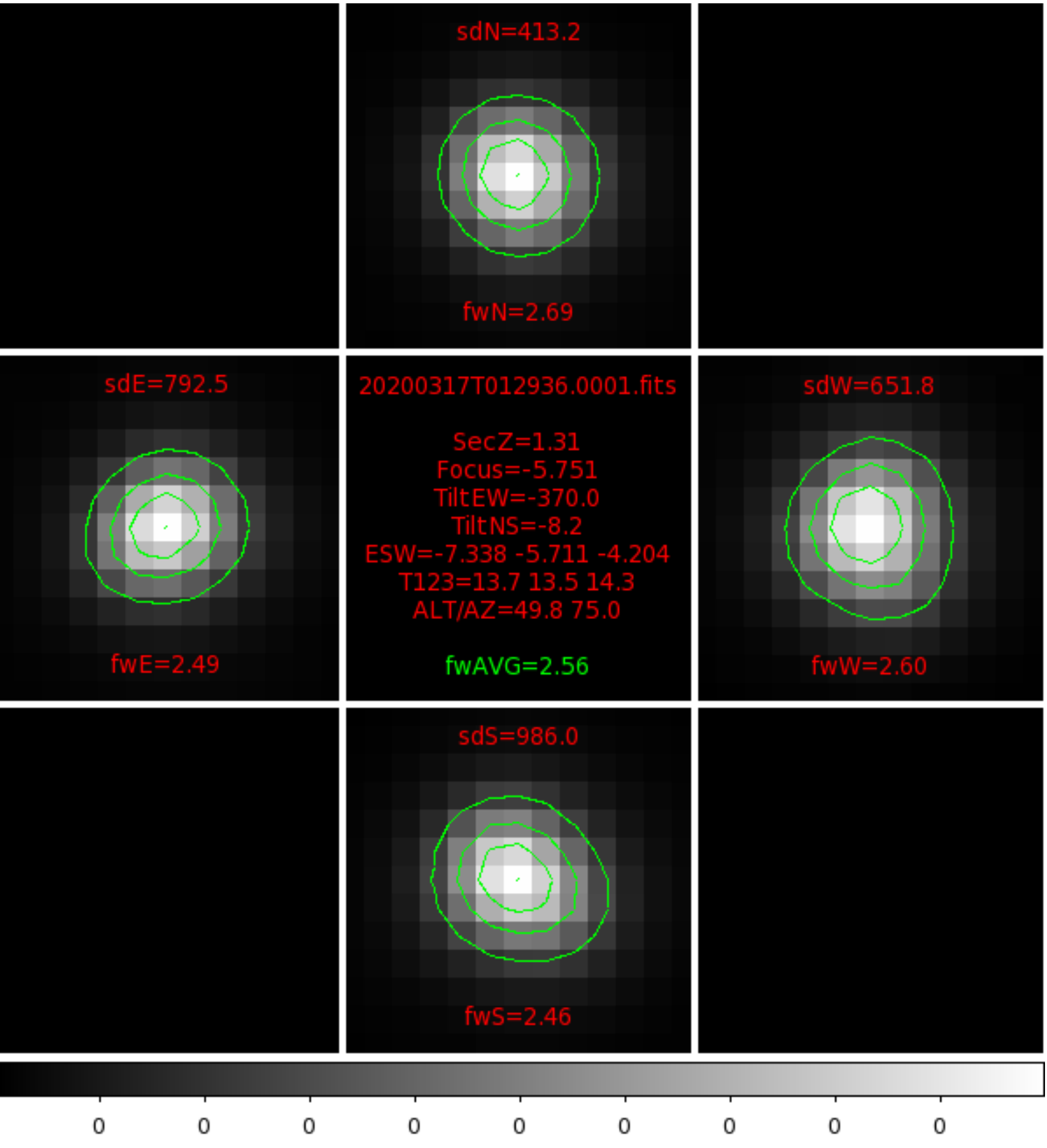
sdN=413.2
fwN=2.69
sdE=792.5
fwE=2.49
20200317T012936.0001.fits
SecZ=1.31
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=49.8 75.0
fwAVG=2.56
sdW=651.8
fwW=2.60
sdS=986.0
fwS=2.46
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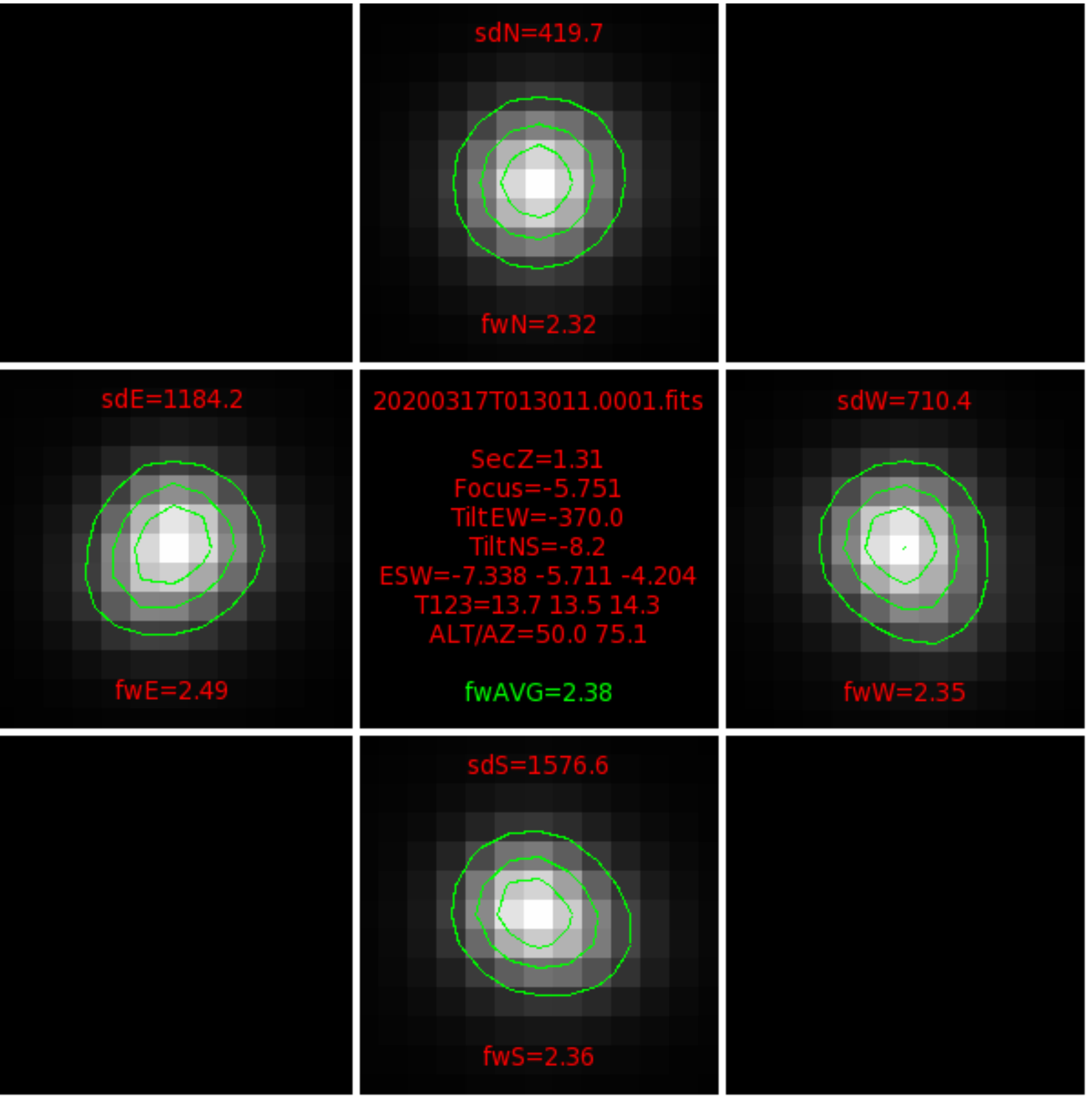
sdN=419.7
fwN=2.32
sdE=1184.2
fwE=2.49
20200317T013011.0001.fits
SecZ=1.31
Focus=-5.751
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.338 -5.711 -4.204
T123=13.7 13.5 14.3
ALT/AZ=50.0 75.1
fwAVG=2.38
sdW=710.4
fwW=2.35
sdS=1576.6
fwS=2.36
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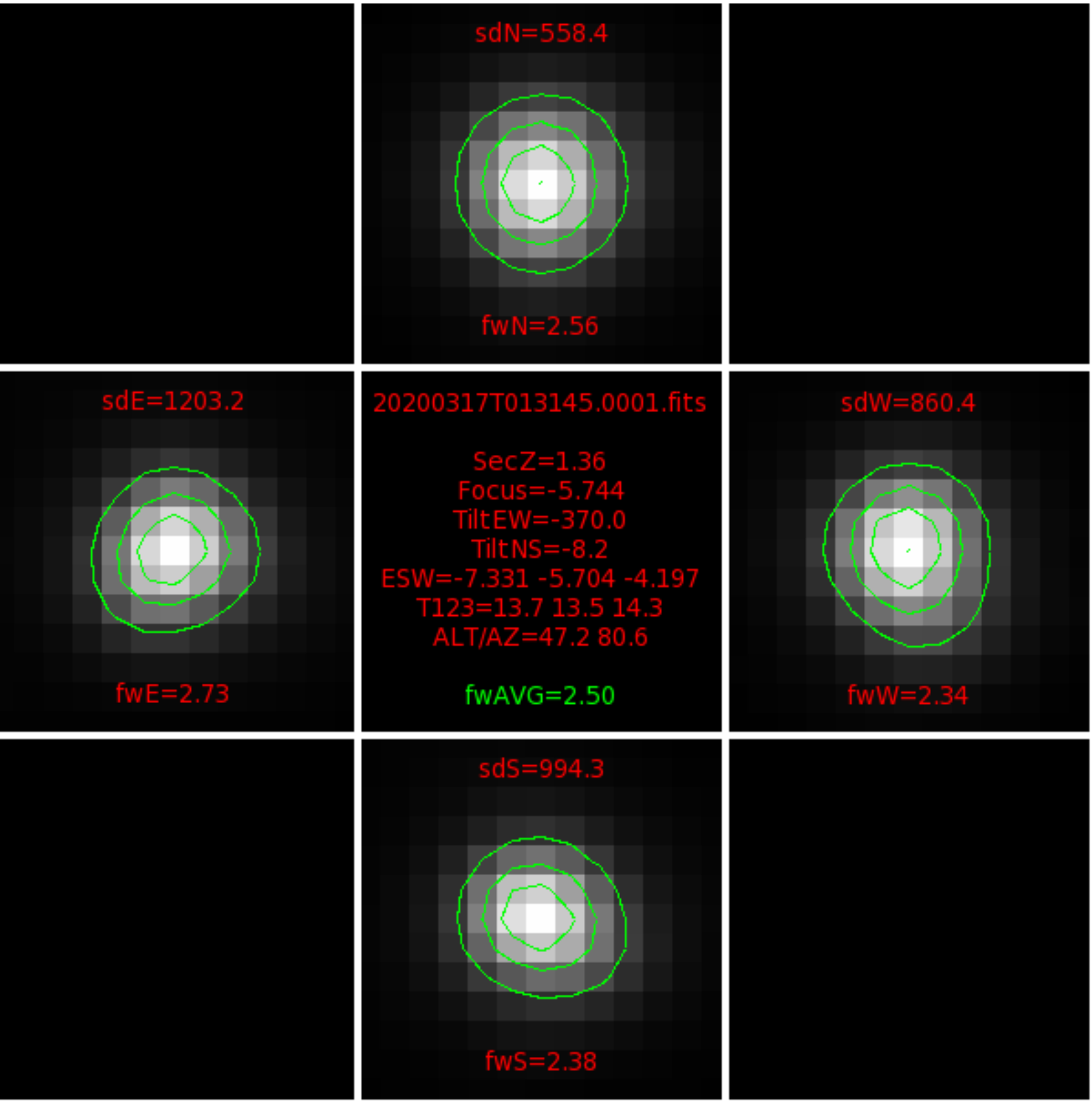
sdN=558.4
fwN=2.56
sdE=1203.2
fwE=2.73
20200317T013145.0001.fits
SecZ=1.36
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.7 13.5 14.3
ALT/AZ=47.2 80.6
fwAVG=2.50
sdW=860.4
fwW=2.34
sdS=994.3
fwS=2.38
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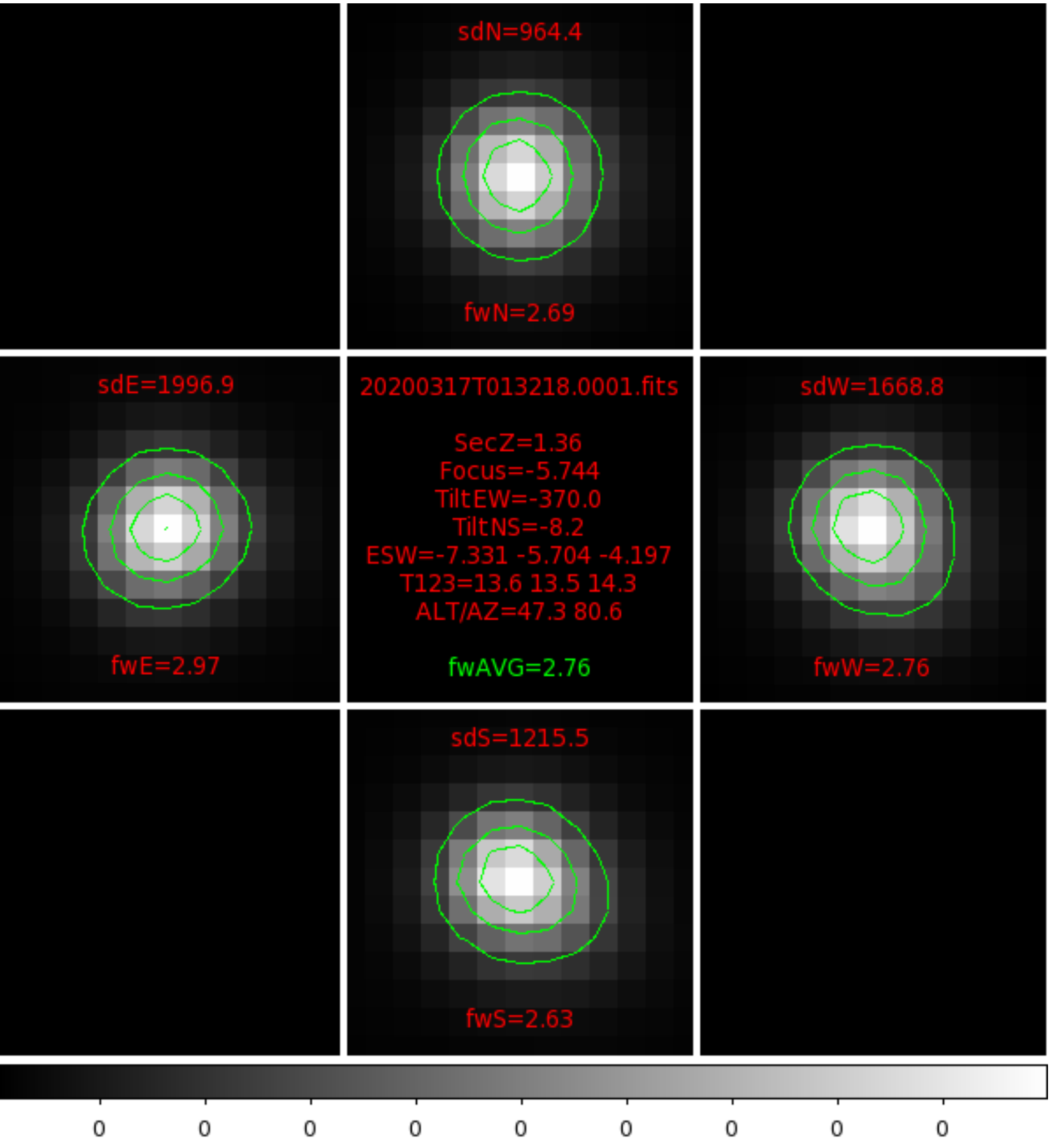
sdN=964.4
fwN=2.69
sdE=1996.9
fwE=2.97
20200317T013218.0001.fits
SecZ=1.36
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.3
ALT/AZ=47.3 80.6
fwAVG=2.76
sdW=1668.8
fwW=2.76
sdS=1215.5
fwS=2.63
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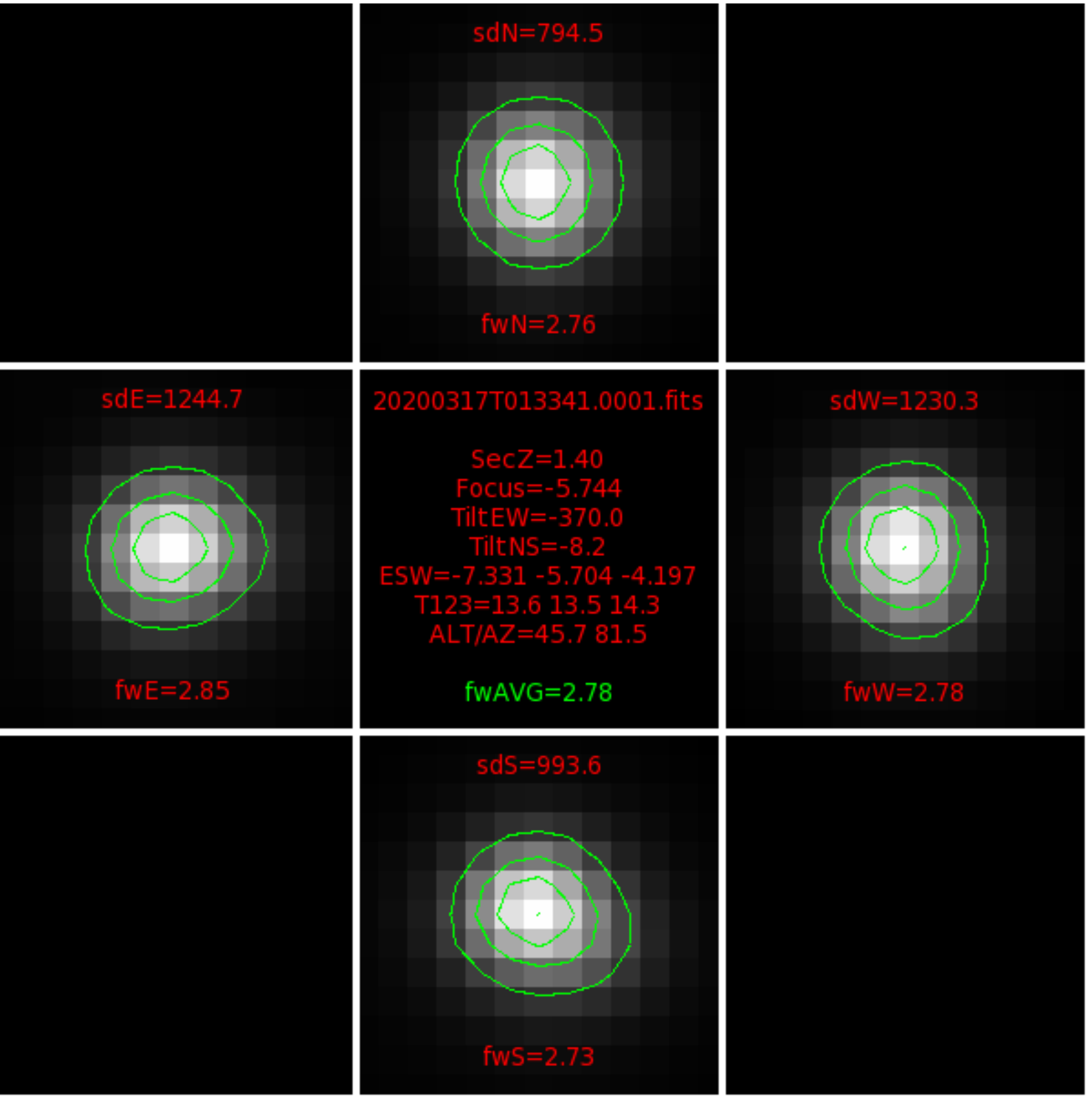
sdN=794.5
fwN=2.76
sdE=1244.7
fwE=2.85
20200317T013341.0001.fits
SecZ=1.40
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.3
ALT/AZ=45.7 81.5
fwAVG=2.78
sdW=1230.3
fwW=2.78
sdS=993.6
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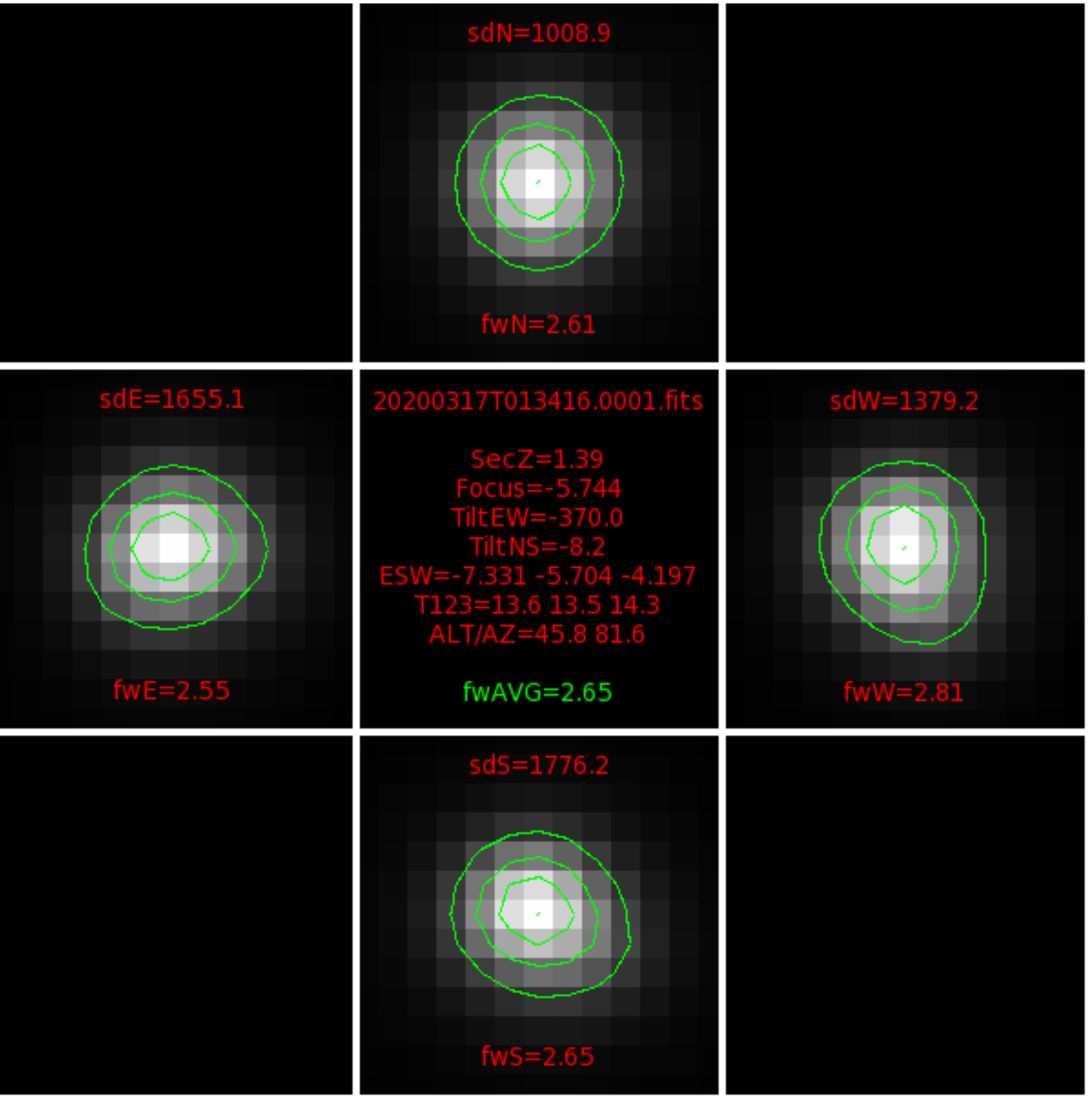
sdN=1008.9
fwN=2.61
sdE=1655.1
fwE=2.55
20200317T013416.0001.fits
SecZ=1.39
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.3
ALT/AZ=45.8 81.6
fwAVG=2.65
sdW=1379.2
fwW=2.81
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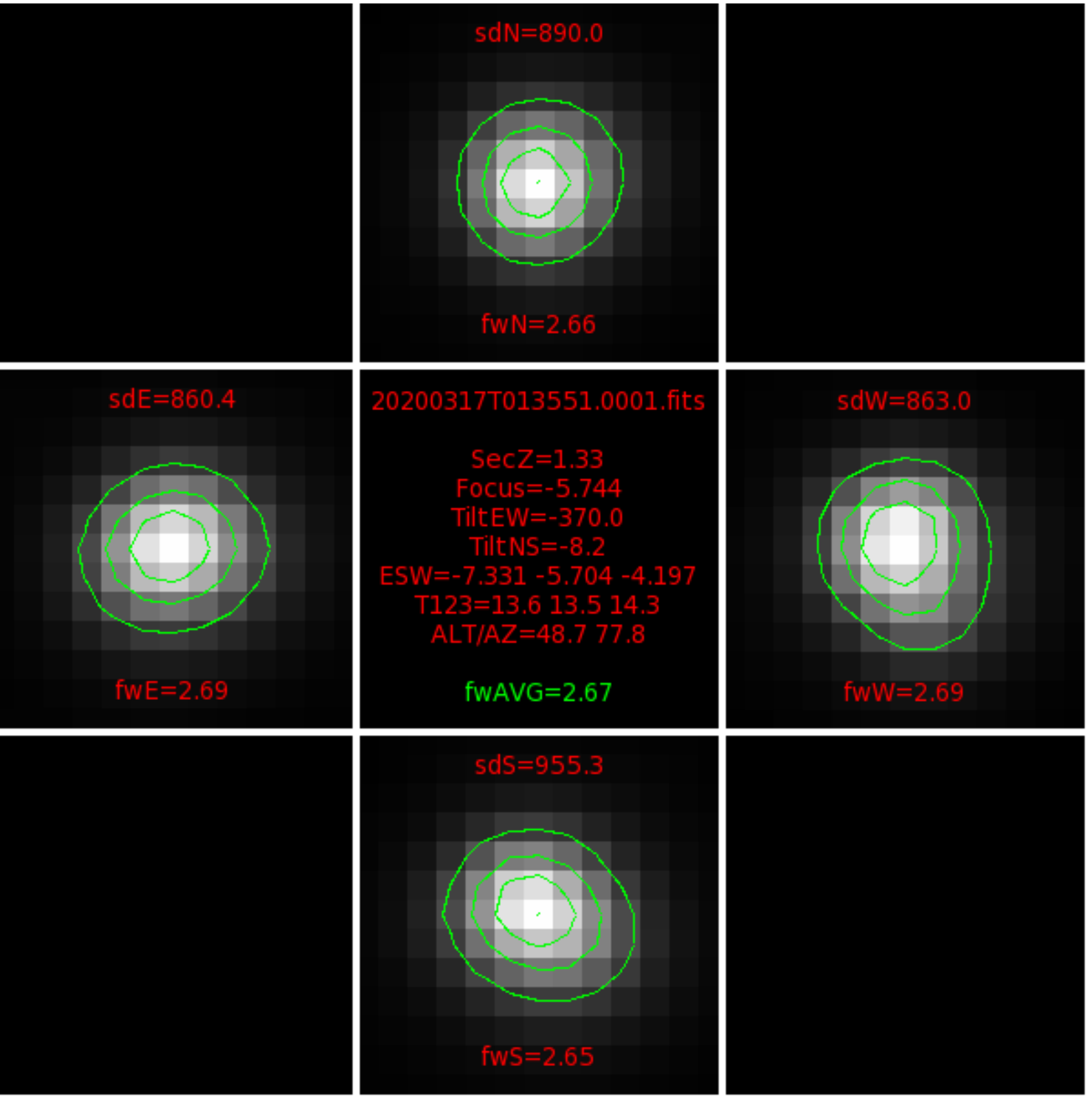
sdN=890.0
fwN=2.66
sdE=860.4
fwE=2.69
20200317T013551.0001.fits
SecZ=1.33
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.3
ALT/AZ=48.7 77.8
fwAVG=2.67
sdW=863.0
fwW=2.69
sdS=955.3
fwS=2.65
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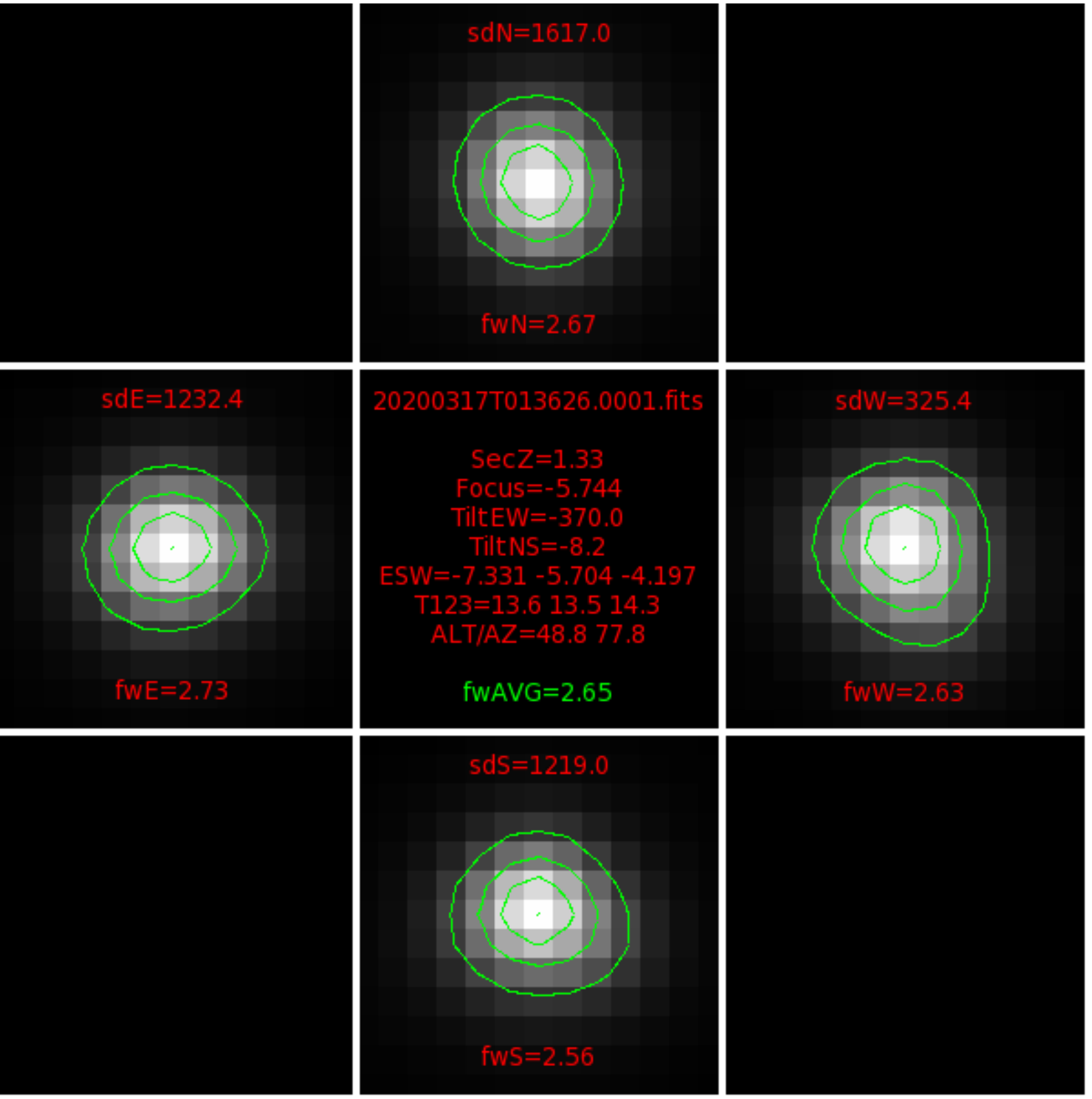
sdN=1617.0
fwN=2.67
sdE=1232.4
fwE=2.73
20200317T013626.0001.fits
SecZ=1.33
Focus=-5.744
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.331 -5.704 -4.197
T123=13.6 13.5 14.3
ALT/AZ=48.8 77.8
fwAVG=2.65
sdW=325.4
fwW=2.63
sdS=1219.0
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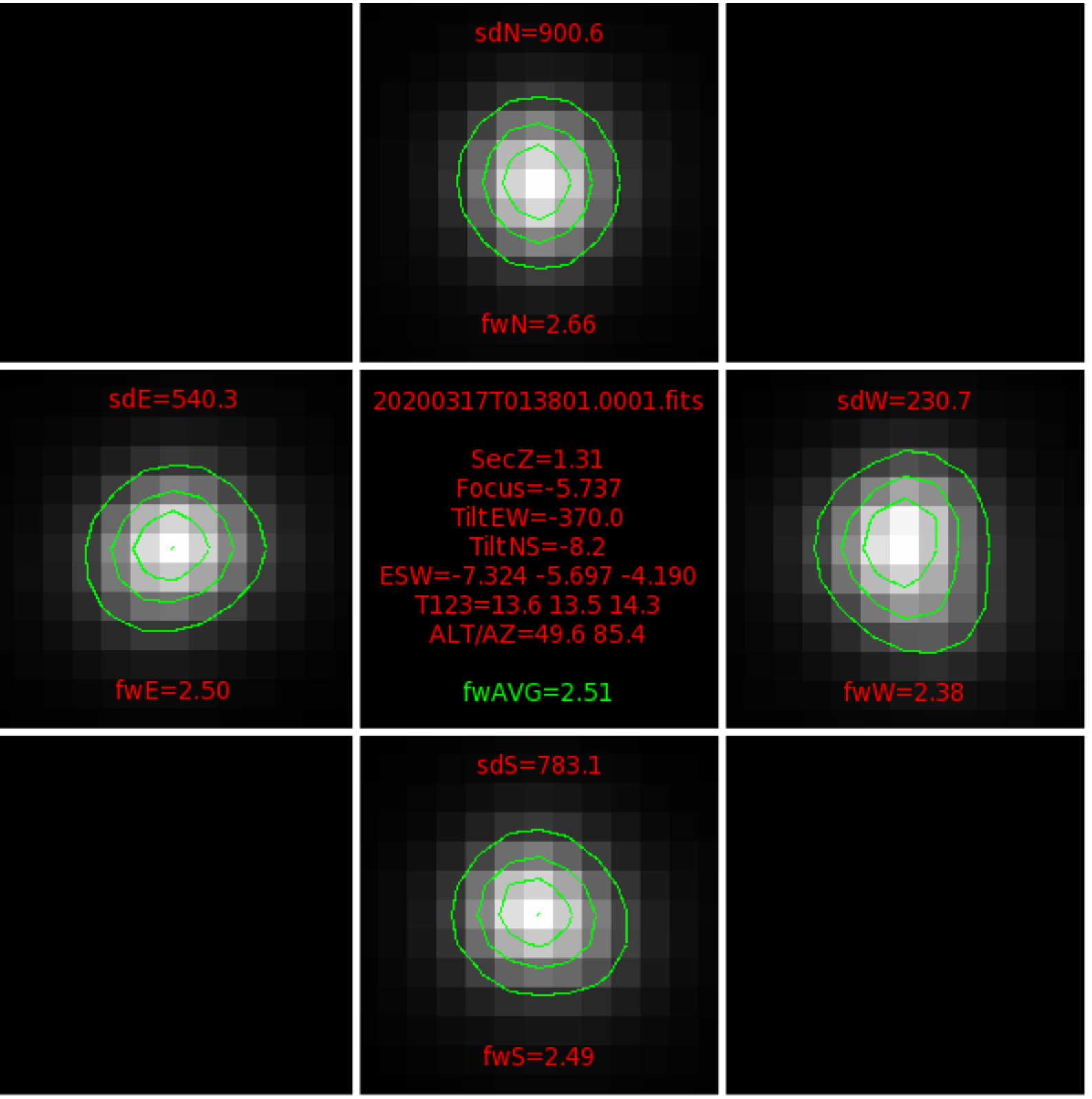
sdN=900.6
fwN=2.66
sdE=540.3
fwE=2.50
20200317T013801.0001.fits
SecZ=1.31
Focus=-5.737
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.324 -5.697 -4.190
T123=13.6 13.5 14.3
ALT/AZ=49.6 85.4
fwAVG=2.51
sdW=230.7
fwW=2.38
sdS=783.1
fwS=2.49
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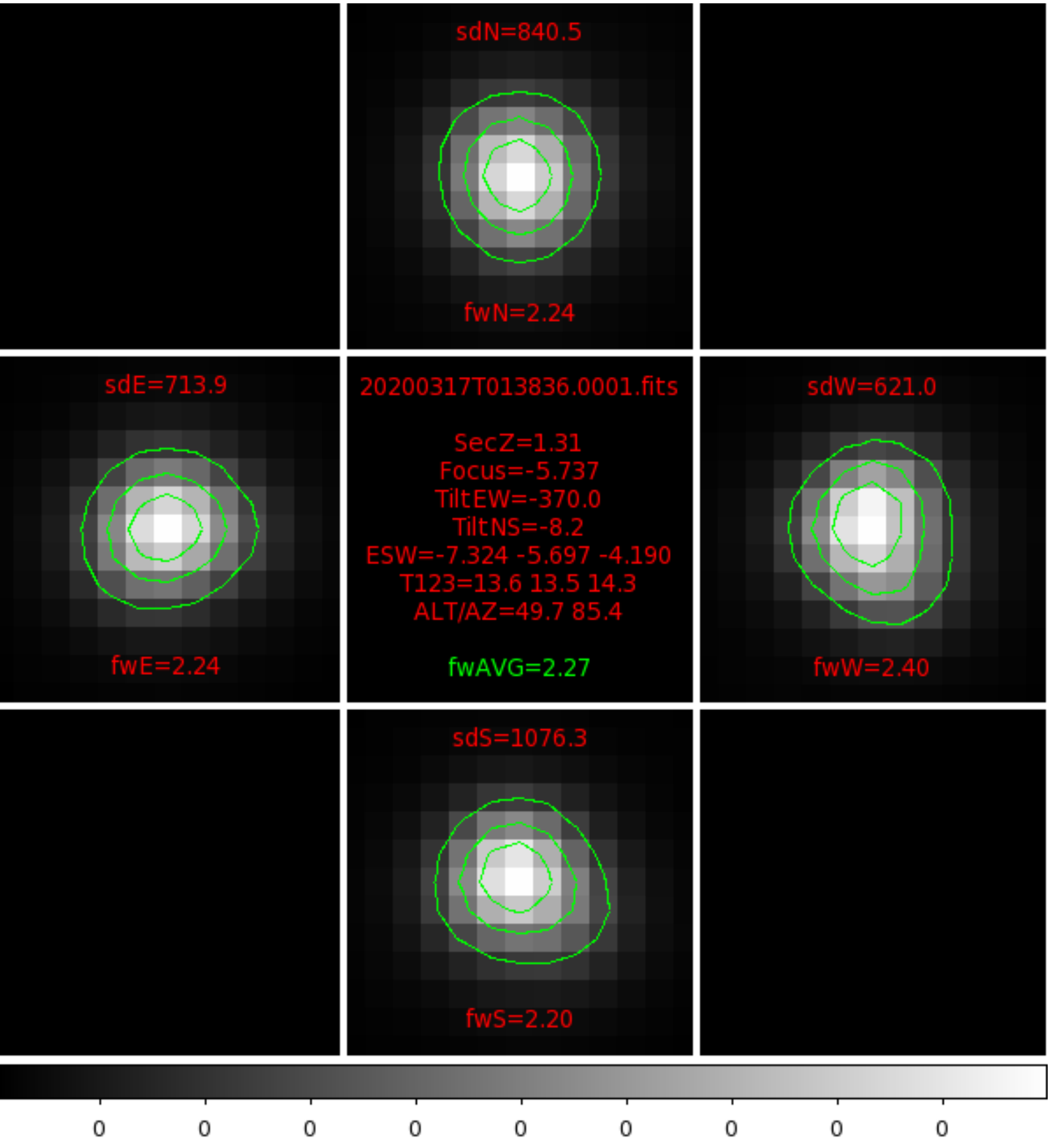
sdN=840.5
fwN=2.24
sdE=713.9
fwE=2.24
20200317T013836.0001.fits
SecZ=1.31
Focus=-5.737
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.324 -5.697 -4.190
T123=13.6 13.5 14.3
ALT/AZ=49.7 85.4
fwAVG=2.27
sdW=621.0
fwW=2.40
sdS=1076.3
fwS=2.20
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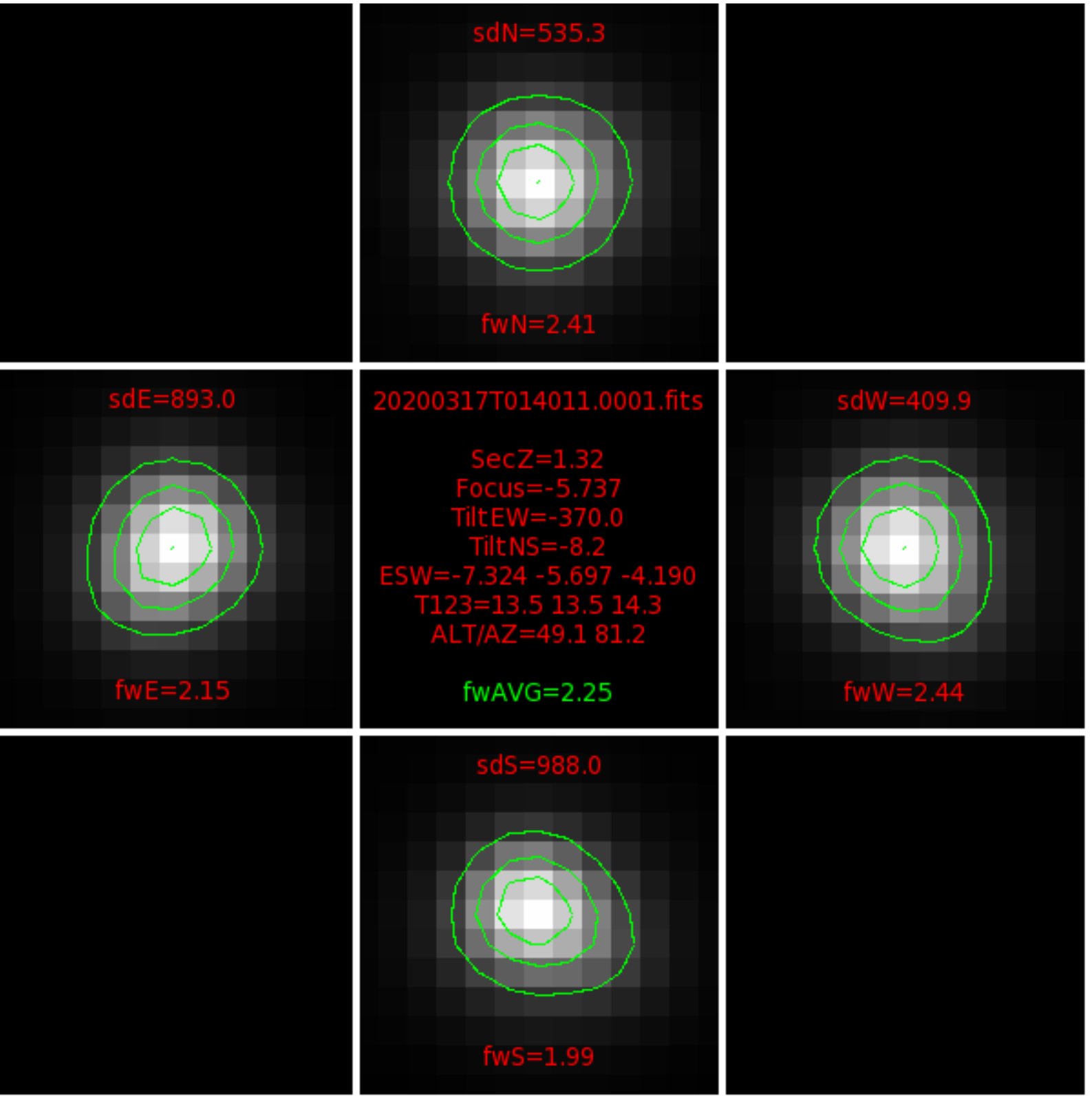
sdN=535.3
fwN=2.41
sdE=893.0
fwE=2.15
20200317T014011.0001.fits
SecZ=1.32
Focus=-5.737
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.324 -5.697 -4.190
T123=13.5 13.5 14.3
ALT/AZ=49.1 81.2
fwAVG=2.25
sdW=409.9
fwW=2.44
sdS=988.0
fwS=1.99
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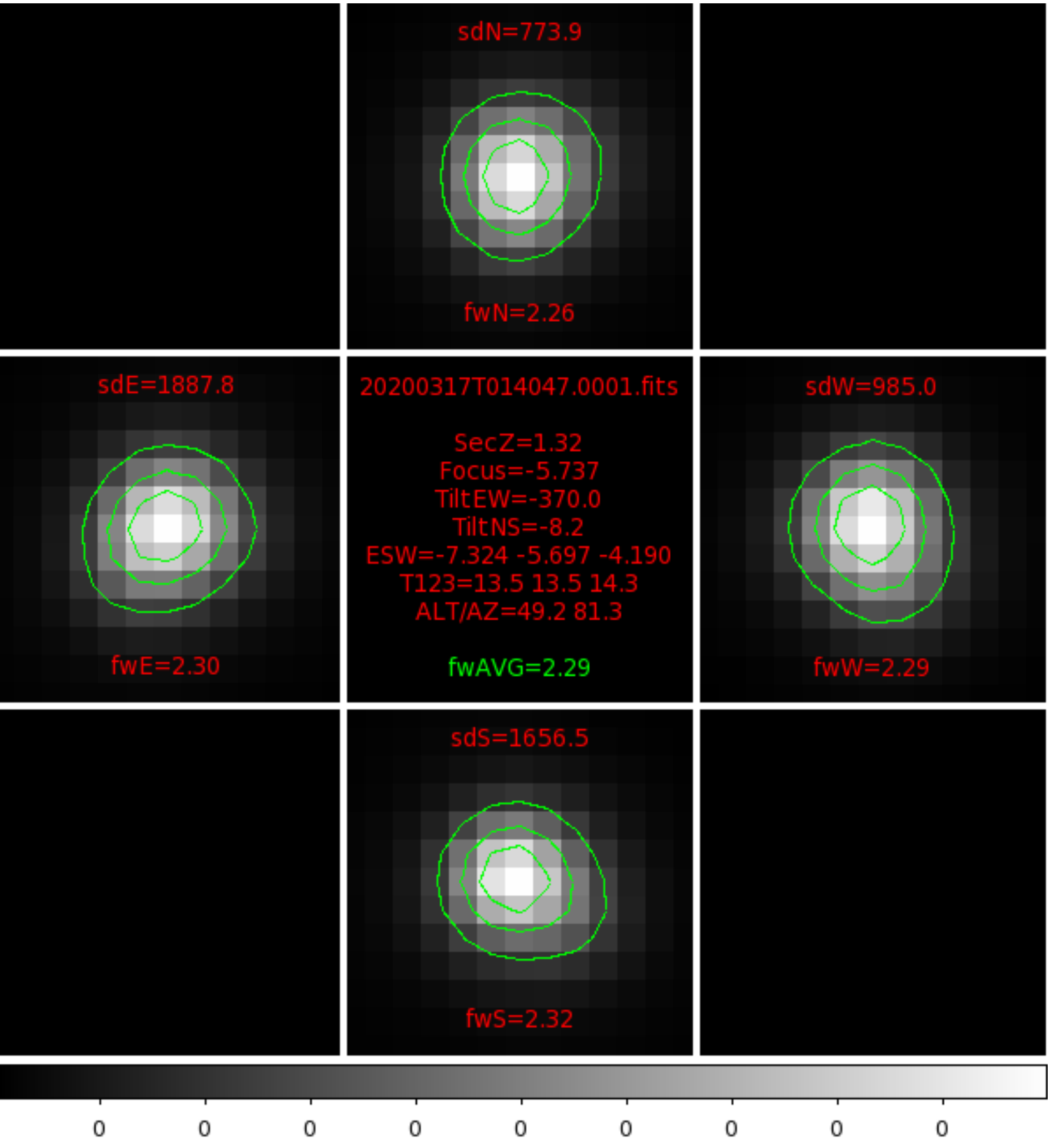
sdN=773.9
fwN=2.26
sdE=1887.8
fwE=2.30
20200317T014047.0001.fits
SecZ=1.32
Focus=-5.737
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.324 -5.697 -4.190
T123=13.5 13.5 14.3
ALT/AZ=49.2 81.3
fwAVG=2.29
sdW=985.0
fwW=2.29
sdS=1656.5
fwS=2.32
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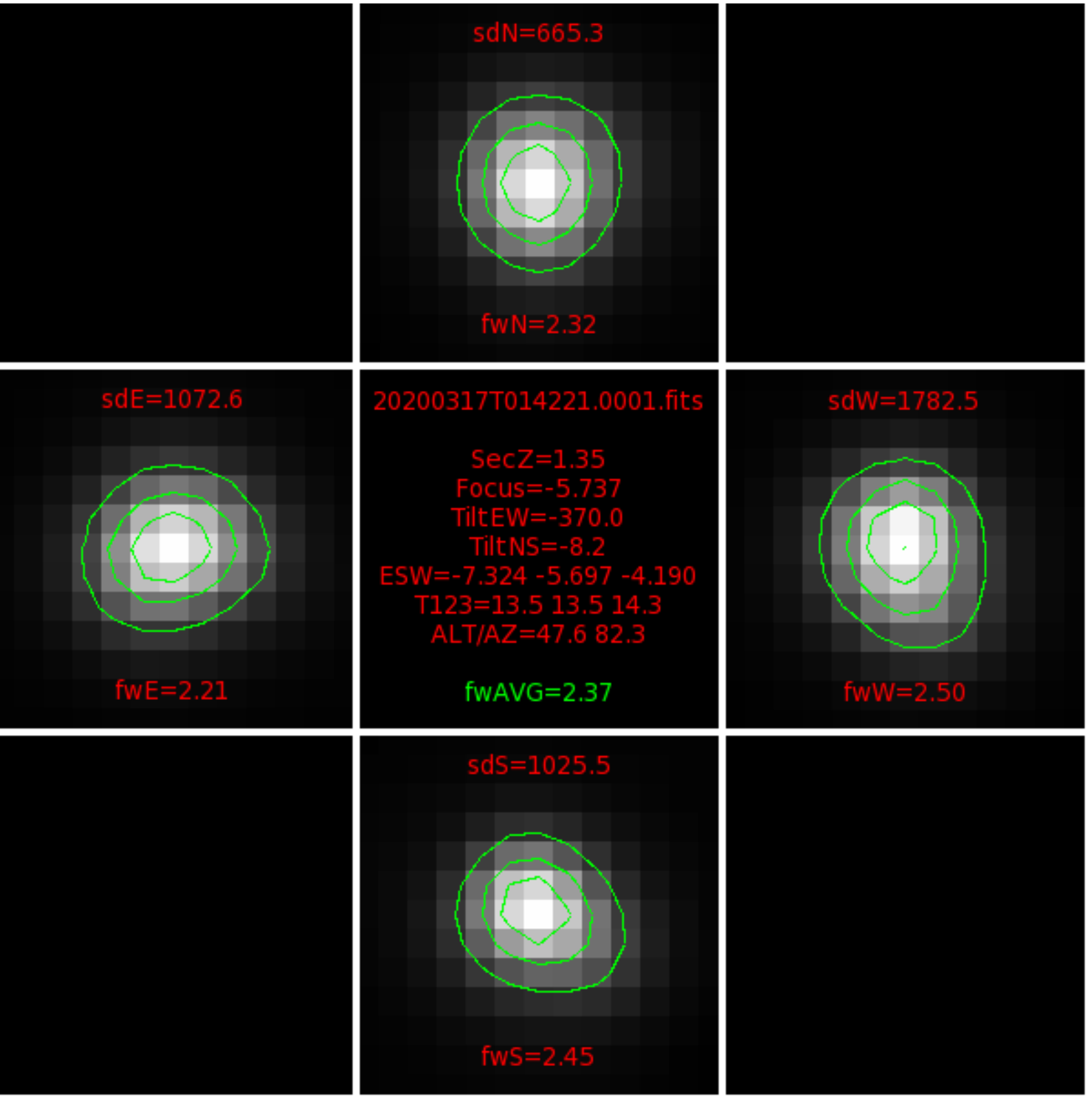
sdN=665.3
fwN=2.32
sdE=1072.6
fwE=2.21
20200317T014221.0001.fits
SecZ=1.35
Focus=-5.737
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.324 -5.697 -4.190
T123=13.5 13.5 14.3
ALT/AZ=47.6 82.3
fwAVG=2.37
sdW=1782.5
fwW=2.50
sdS=1025.5
fwS=2.45
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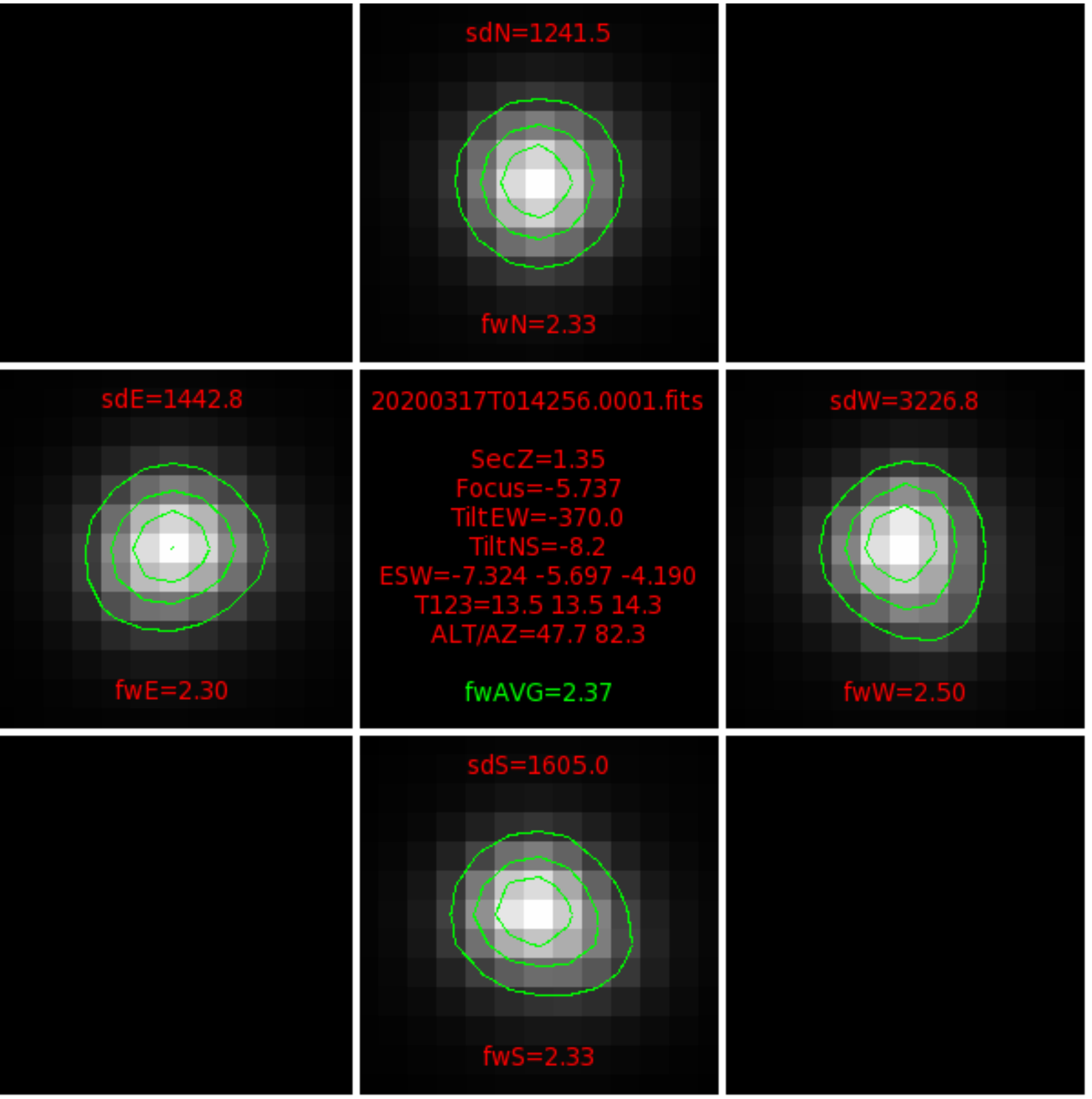
sdN=1241.5
fwN=2.33
sdE=1442.8
fwE=2.30
20200317T014256.0001.fits
SecZ=1.35
Focus=-5.737
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.324 -5.697 -4.190
T123=13.5 13.5 14.3
ALT/AZ=47.7 82.3
fwAVG=2.37
sdW=3226.8
fwW=2.50
sdS=1605.0
fwS=2.33
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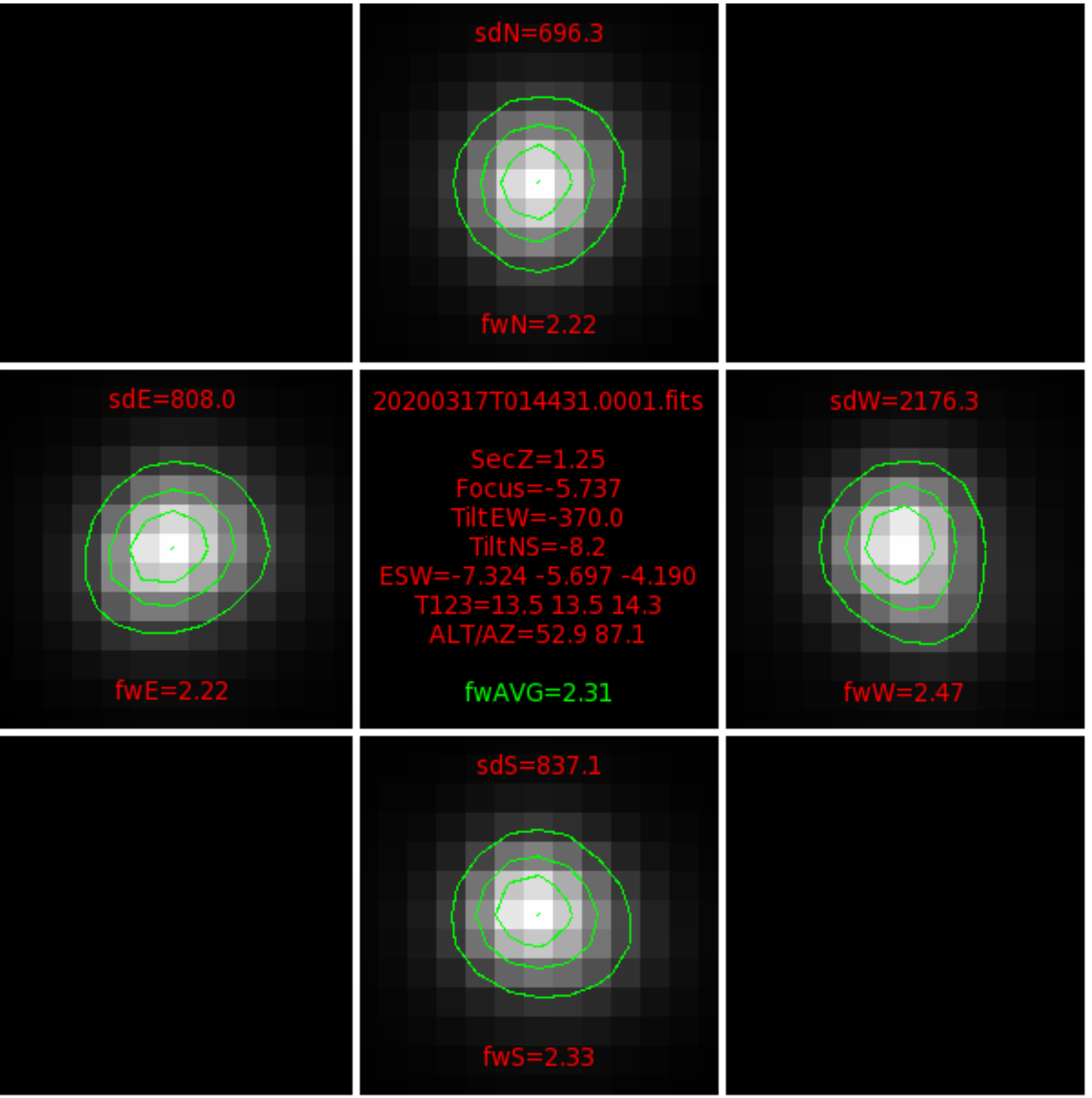
sdN=696.3
fwN=2.22
sdE=808.0
fwE=2.22
20200317T014431.0001.fits
SecZ=1.25
Focus=-5.737
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.324 -5.697 -4.190
T123=13.5 13.5 14.3
ALT/AZ=52.9 87.1
fwAVG=2.31
sdW=2176.3
fwW=2.47
sdS=837.1
fwS=2.33
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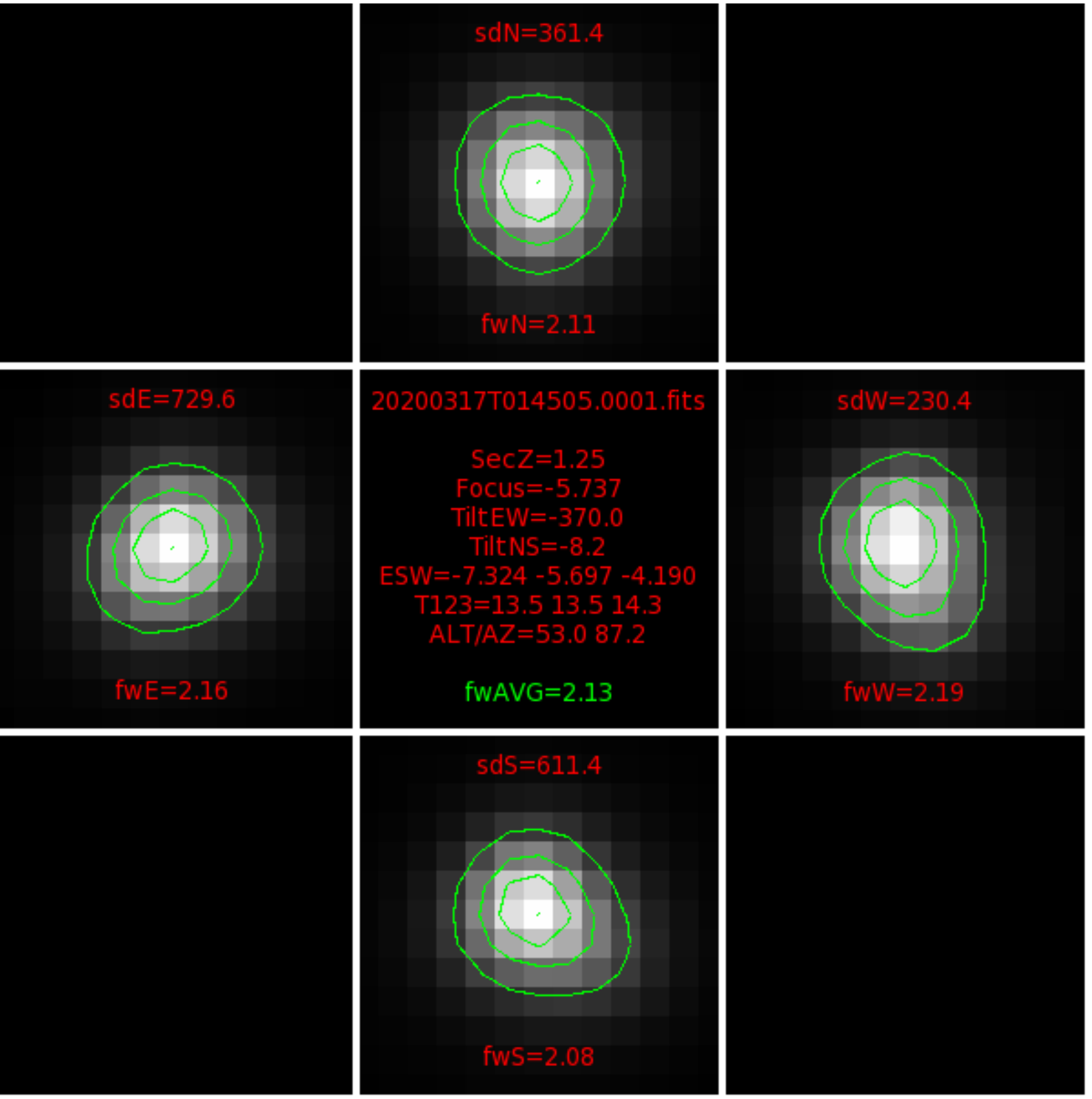
sdN=361.4
fwN=2.11
sdE=729.6
fwE=2.16
20200317T014505.0001.fits
SecZ=1.25
Focus=-5.737
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.324 -5.697 -4.190
T123=13.5 13.5 14.3
ALT/AZ=53.0 87.2
fwAVG=2.13
sdW=230.4
fwW=2.19
sdS=611.4
fwS=2.08
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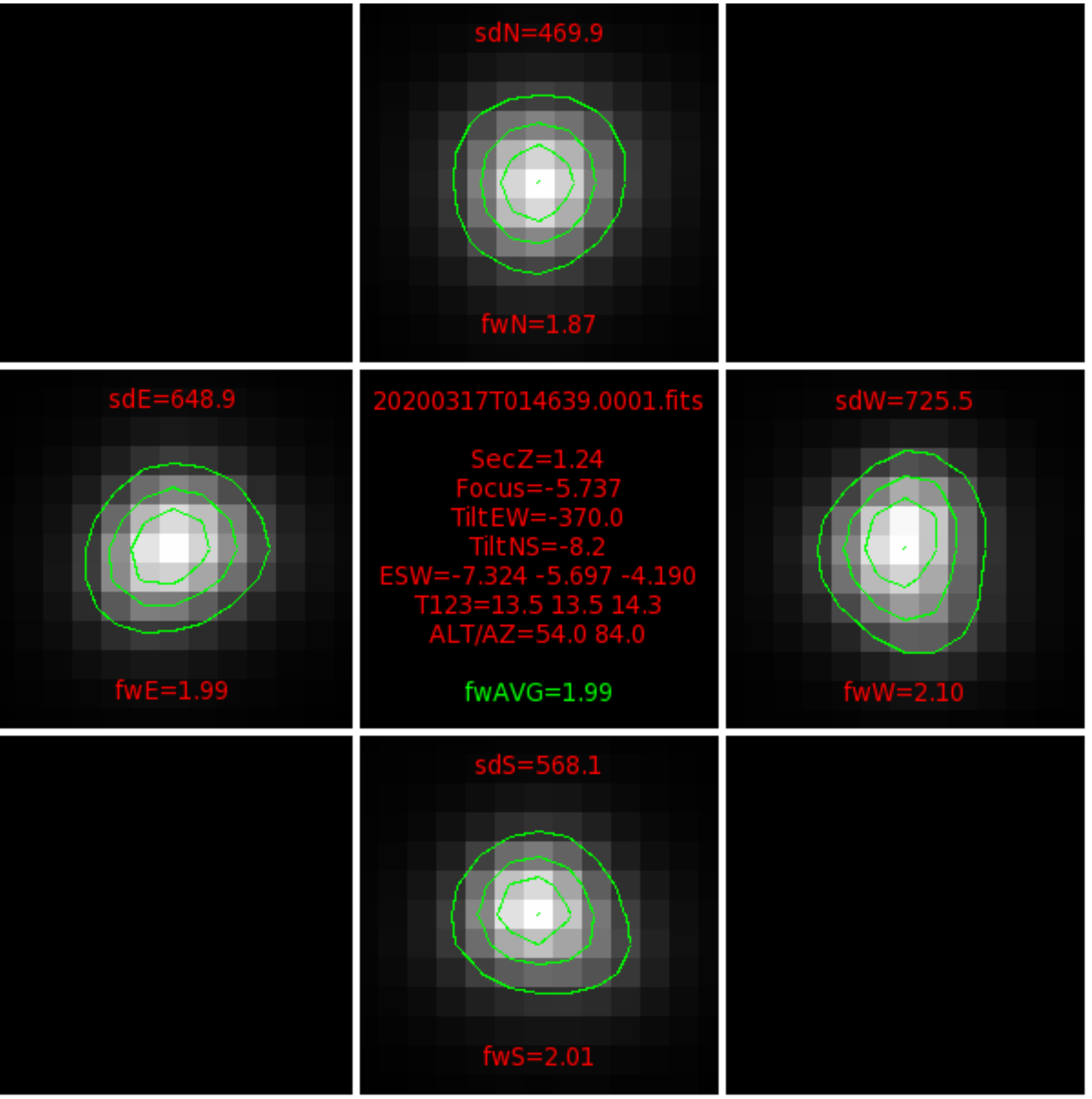
sdN=469.9
fwN=1.87
sdE=648.9
fwE=1.99
20200317T014639.0001.fits
SecZ=1.24
Focus=-5.737
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.324 -5.697 -4.190
T123=13.5 13.5 14.3
ALT/AZ=54.0 84.0
fwAVG=1.99
sdW=725.5
fwW=2.10
sdS=568.1
fwS=2.01
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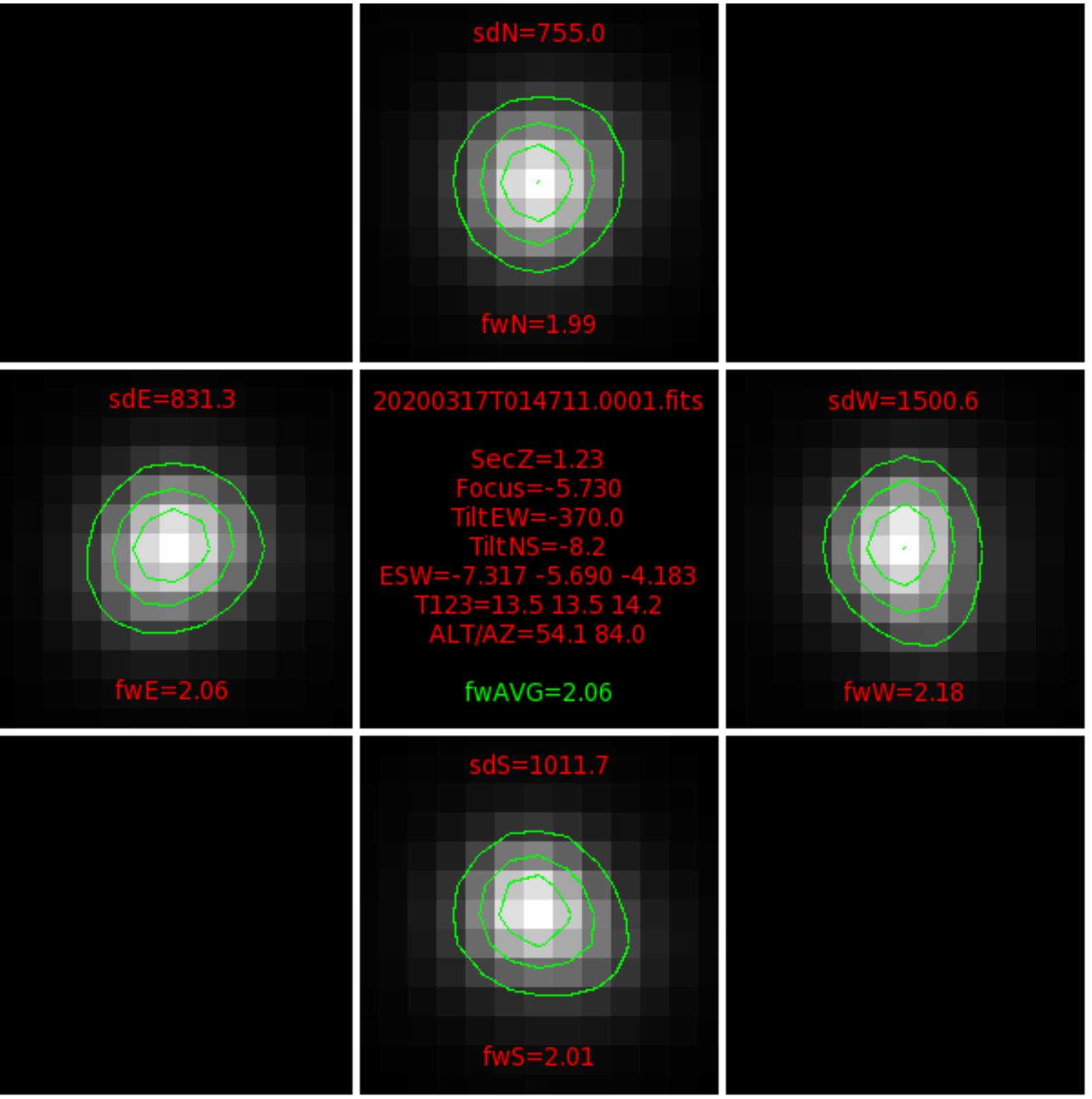
sdN=755.0
fwN=1.99
sdE=831.3
fwE=2.06
20200317T014711.0001.fits
SecZ=1.23
Focus=-5.730
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.317 -5.690 -4.183
T123=13.5 13.5 14.2
ALT/AZ=54.1 84.0
fwAVG=2.06
sdW=1500.6
fwW=2.18
sdS=1011.7
fwS=2.01
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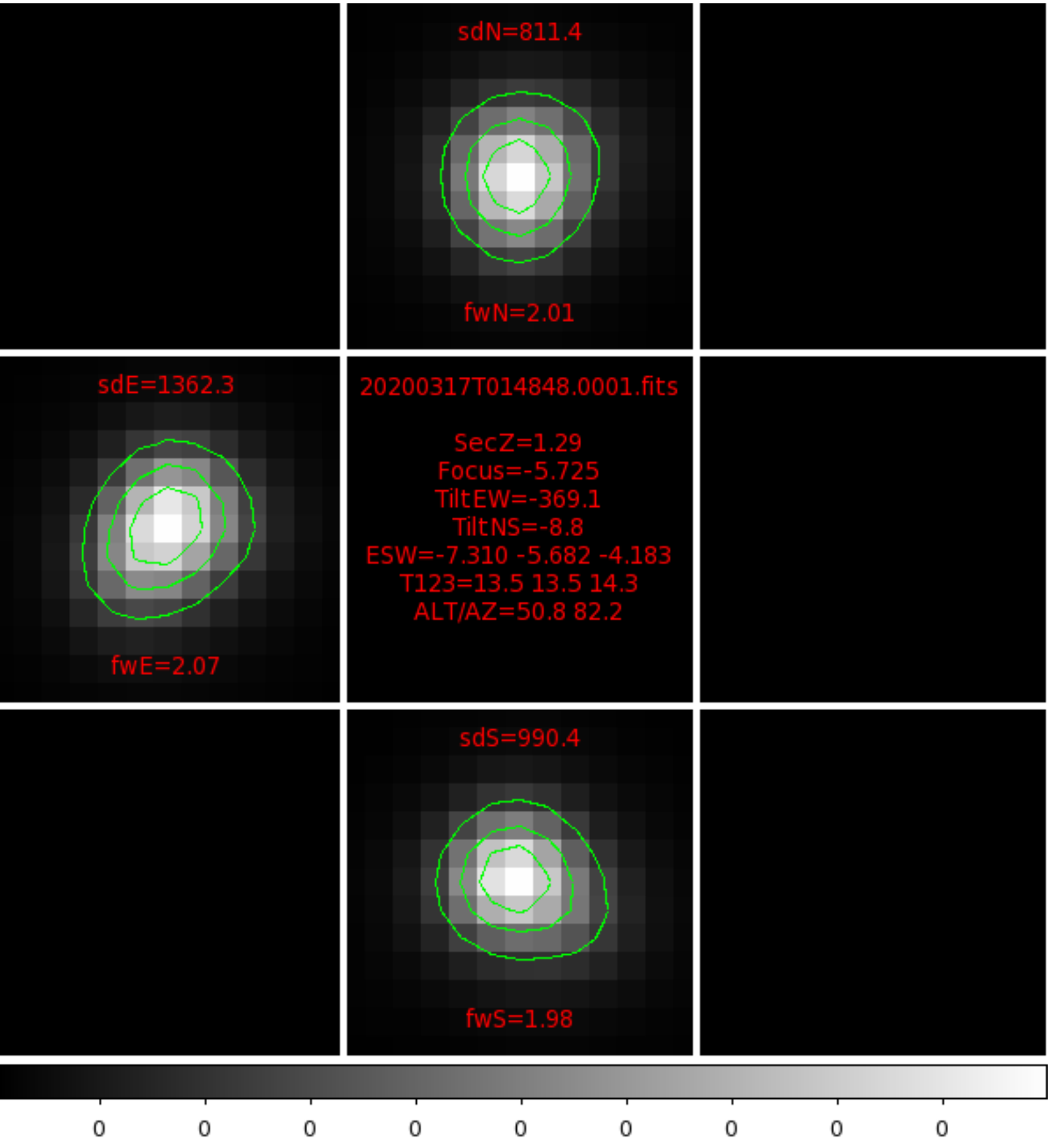
sdN=811.4
fwN=2.01
sdE=1362.3
fwE=2.07
20200317T014848.0001.fits
SecZ=1.29
Focus=-5.725
TiltEW=-369.1
TiltNS=-8.8
ESW=-7.310 -5.682 -4.183
T123=13.5 13.5 14.3
ALT/AZ=50.8 82.2
sdS=990.4
fwS=1.98
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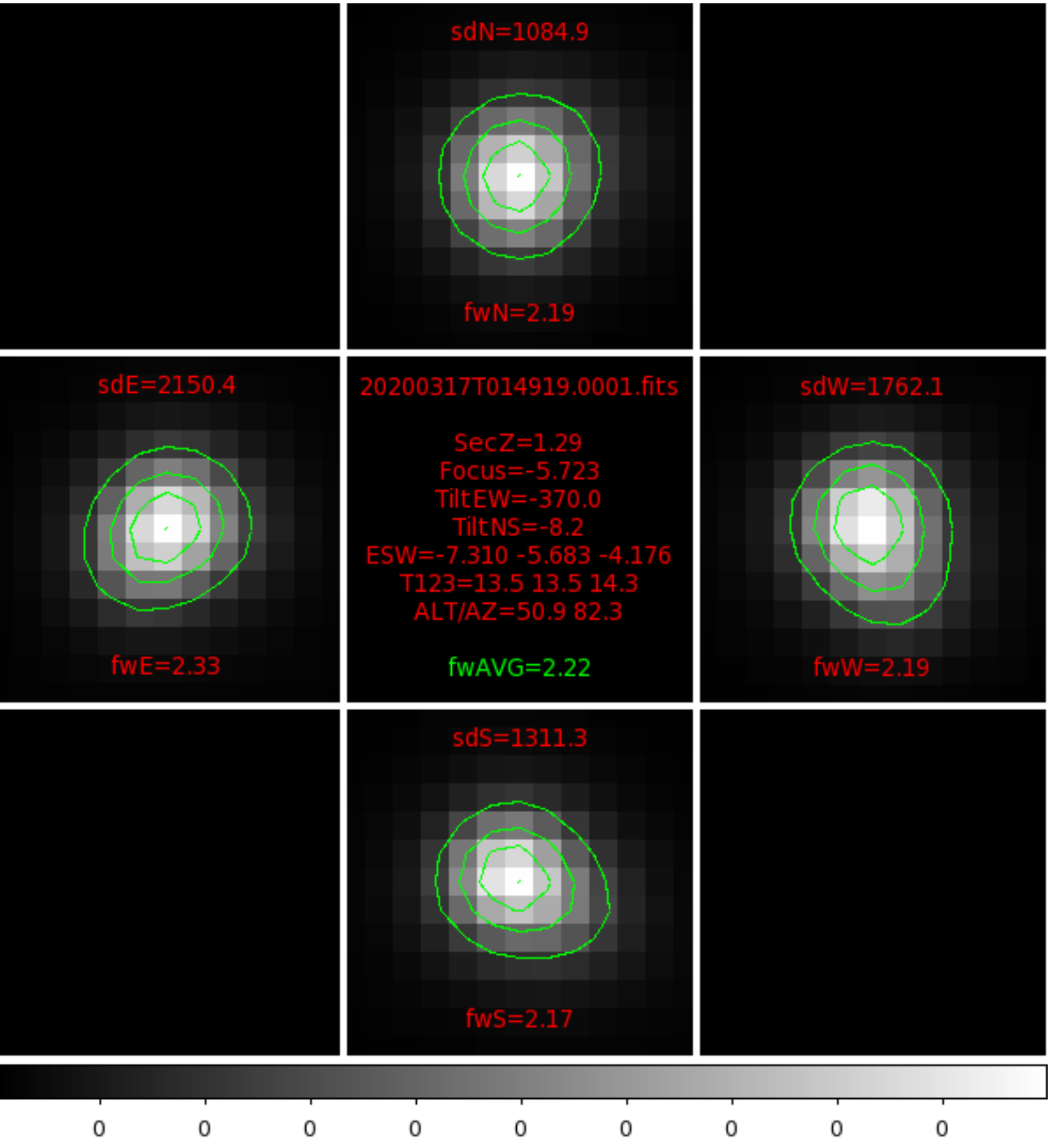
sdN=1084.9
fwN=2.19
sdE=2150.4
fwE=2.33
20200317T014919.0001.fits
SecZ=1.29
Focus=-5.723
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.310 -5.683 -4.176
T123=13.5 13.5 14.3
ALT/AZ=50.9 82.3
fwAVG=2.22
sdW=1762.1
fwW=2.19
sdS=1311.3
fwS=2.17
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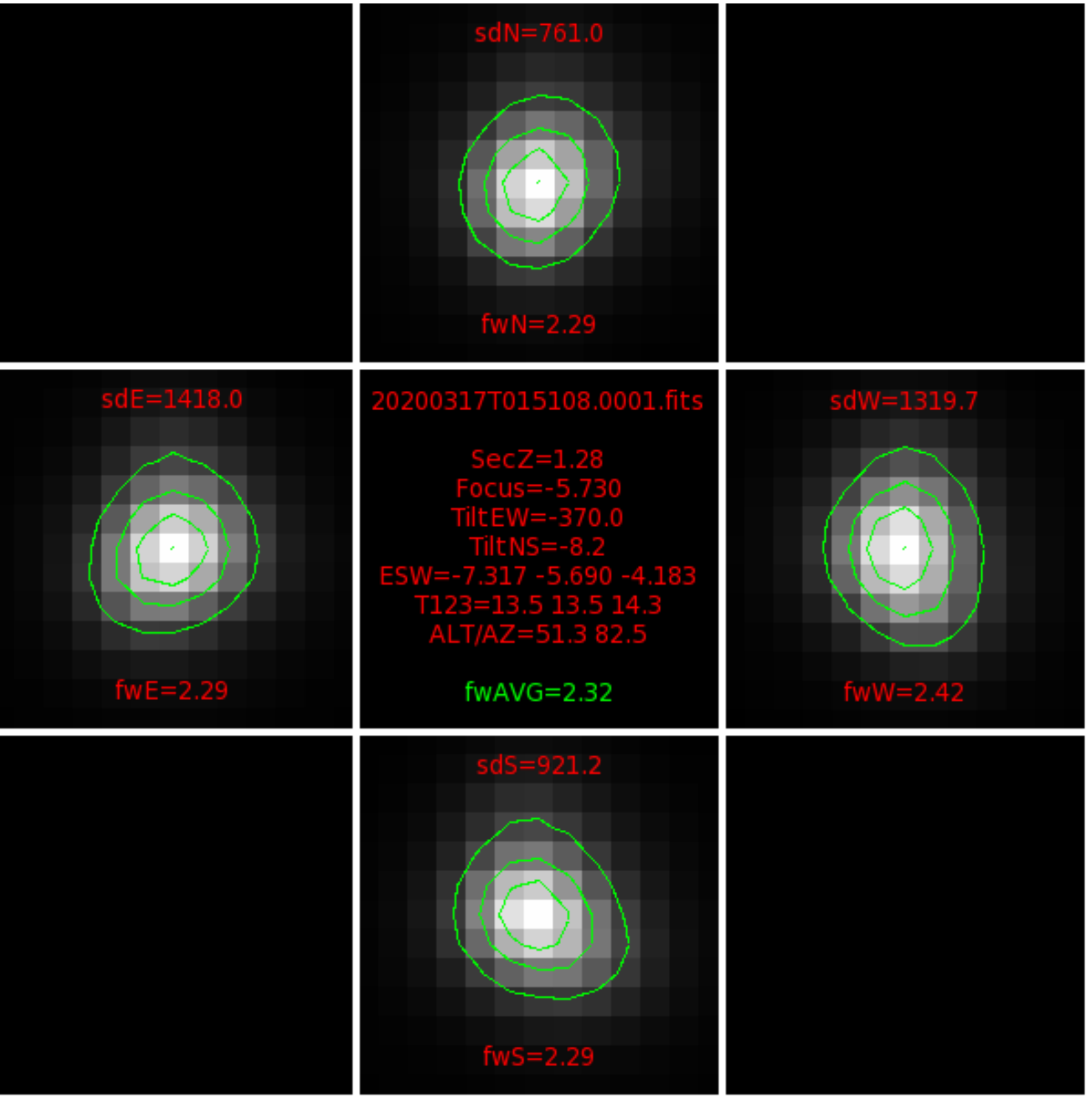
sdN=761.0
fwN=2.29
sdE=1418.0
fwE=2.29
20200317T015108.0001.fits
SecZ=1.28
Focus=-5.730
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.317 -5.690 -4.183
T123=13.5 13.5 14.3
ALT/AZ=51.3 82.5
fwAVG=2.32
sdW=1319.7
fwW=2.42
sdS=921.2
fwS=2.29
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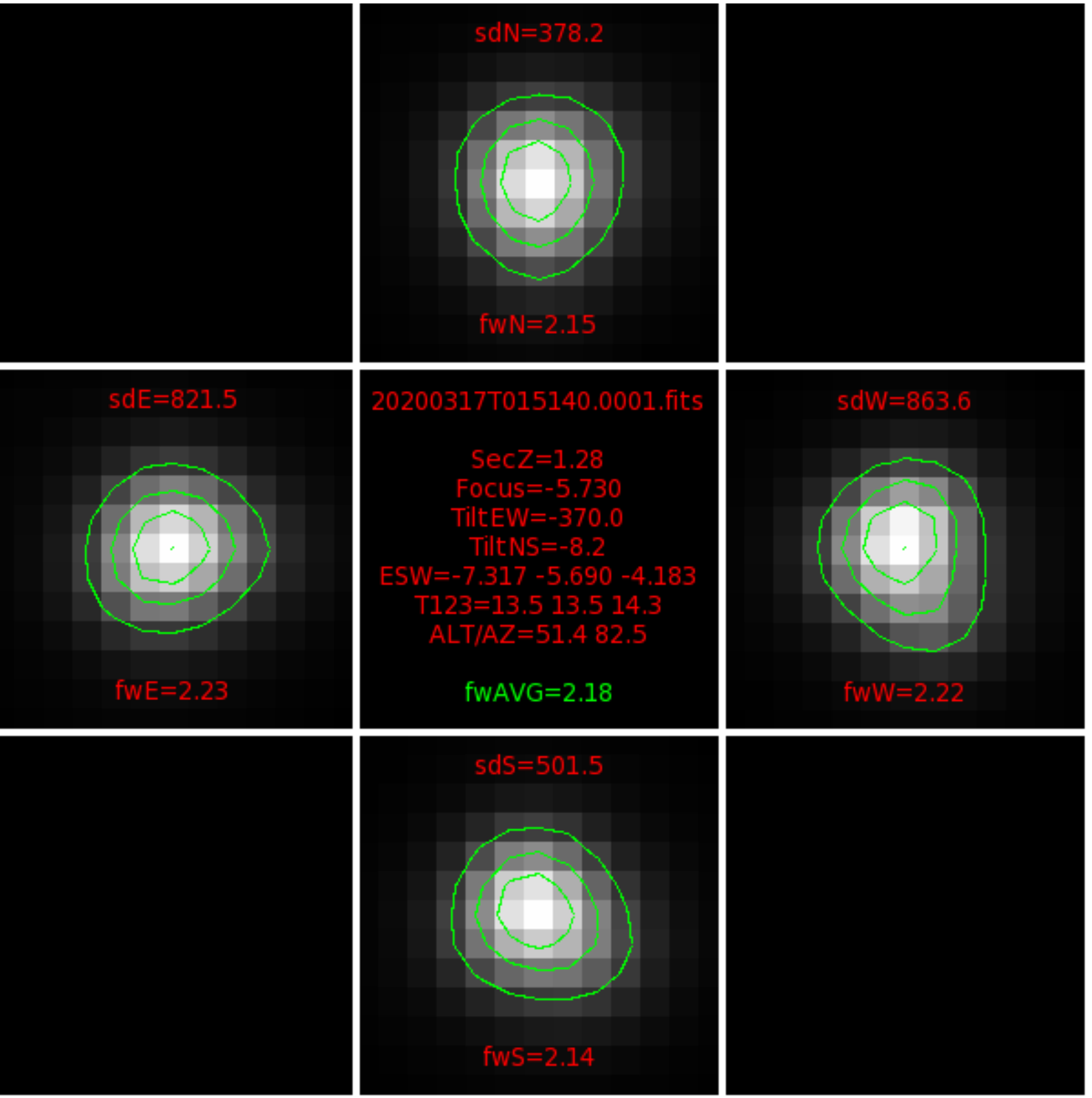
sdN=378.2
fwN=2.15
sdE=821.5
fwE=2.23
20200317T015140.0001.fits
SecZ=1.28
Focus=-5.730
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.317 -5.690 -4.183
T123=13.5 13.5 14.3
ALT/AZ=51.4 82.5
fwAVG=2.18
sdW=863.6
fwW=2.22
sdS=501.5
fwS=2.14
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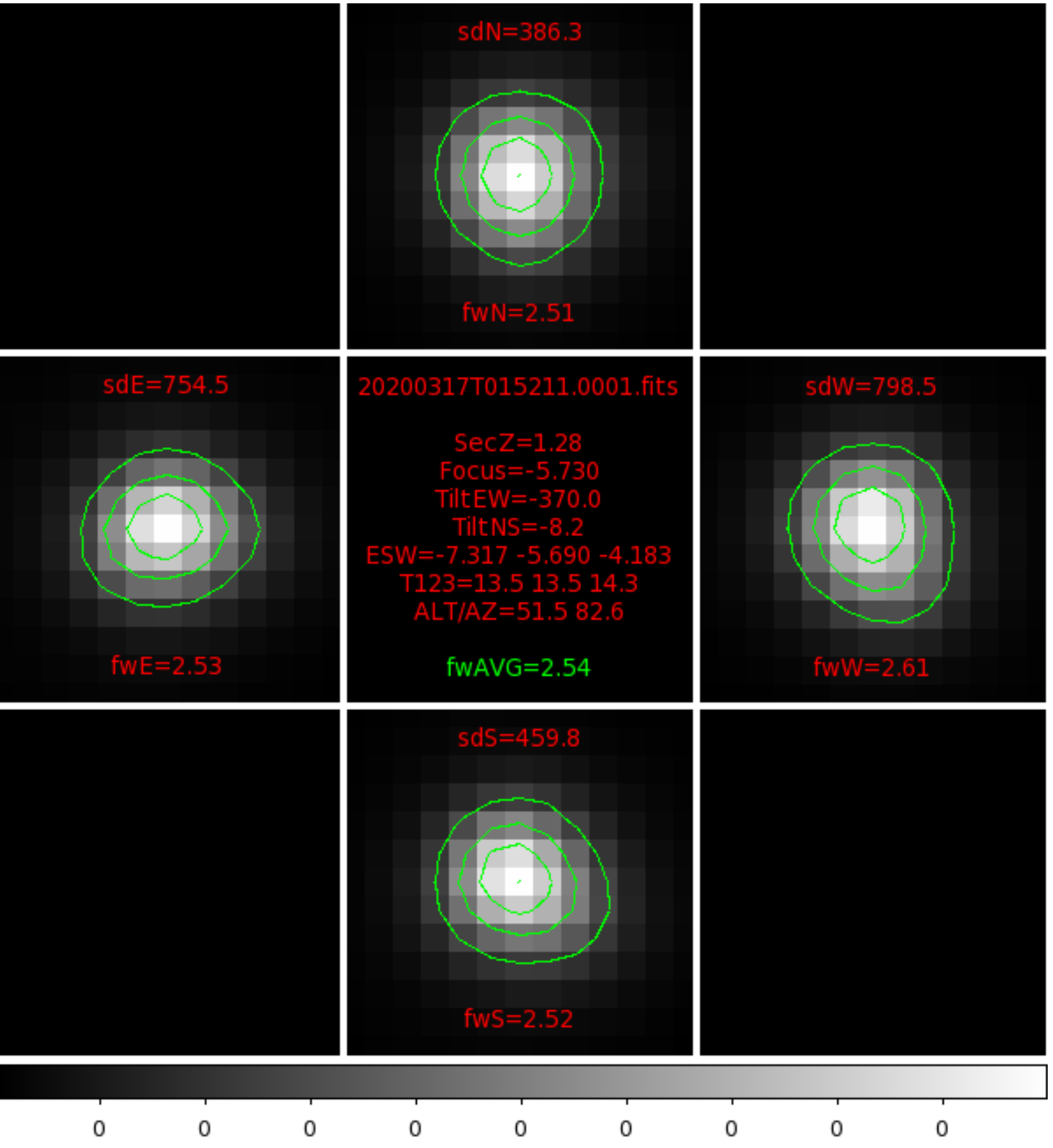
sdN=386.3
fwN=2.51
sdE=754.5
fwE=2.53
20200317T015211.0001.fits
SecZ=1.28
Focus=-5.730
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.317 -5.690 -4.183
T123=13.5 13.5 14.3
ALT/AZ=51.5 82.6
fwAVG=2.54
sdW=798.5
fwW=2.61
sdS=459.8
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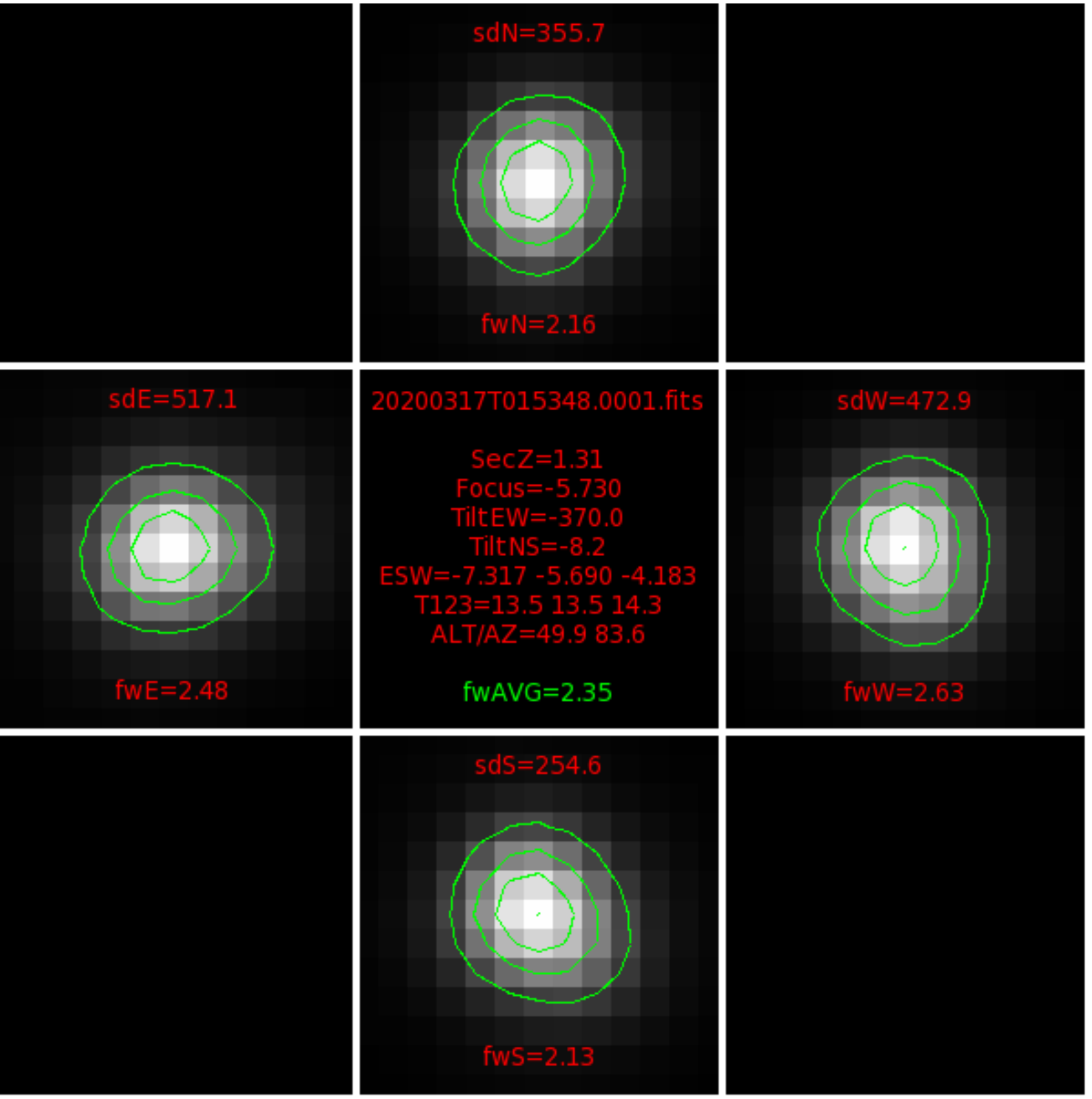
sdN=355.7
fwN=2.16
sdE=517.1
fwE=2.48
20200317T015348.0001.fits
SecZ=1.31
Focus=-5.730
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.317 -5.690 -4.183
T123=13.5 13.5 14.3
ALT/AZ=49.9 83.6
fwAVG=2.35
sdW=472.9
fwW=2.63
sdS=254.6
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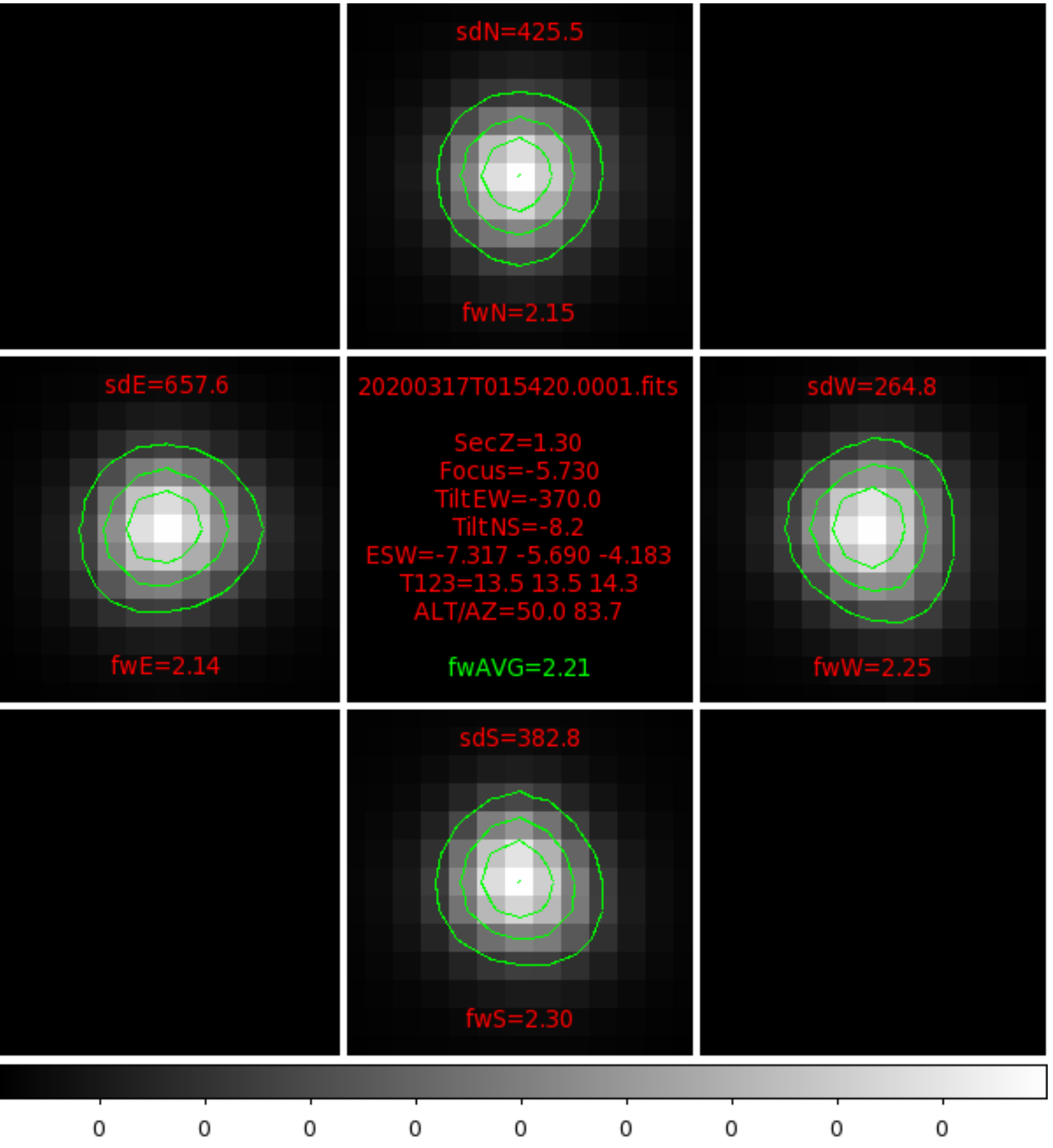
sdN=425.5
fwN=2.15
sdE=657.6
fwE=2.14
20200317T015420.0001.fits
SecZ=1.30
Focus=-5.730
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.317 -5.690 -4.183
T123=13.5 13.5 14.3
ALT/AZ=50.0 83.7
fwAVG=2.21
sdW=264.8
fwW=2.25
sdS=382.8
fwS=2.30
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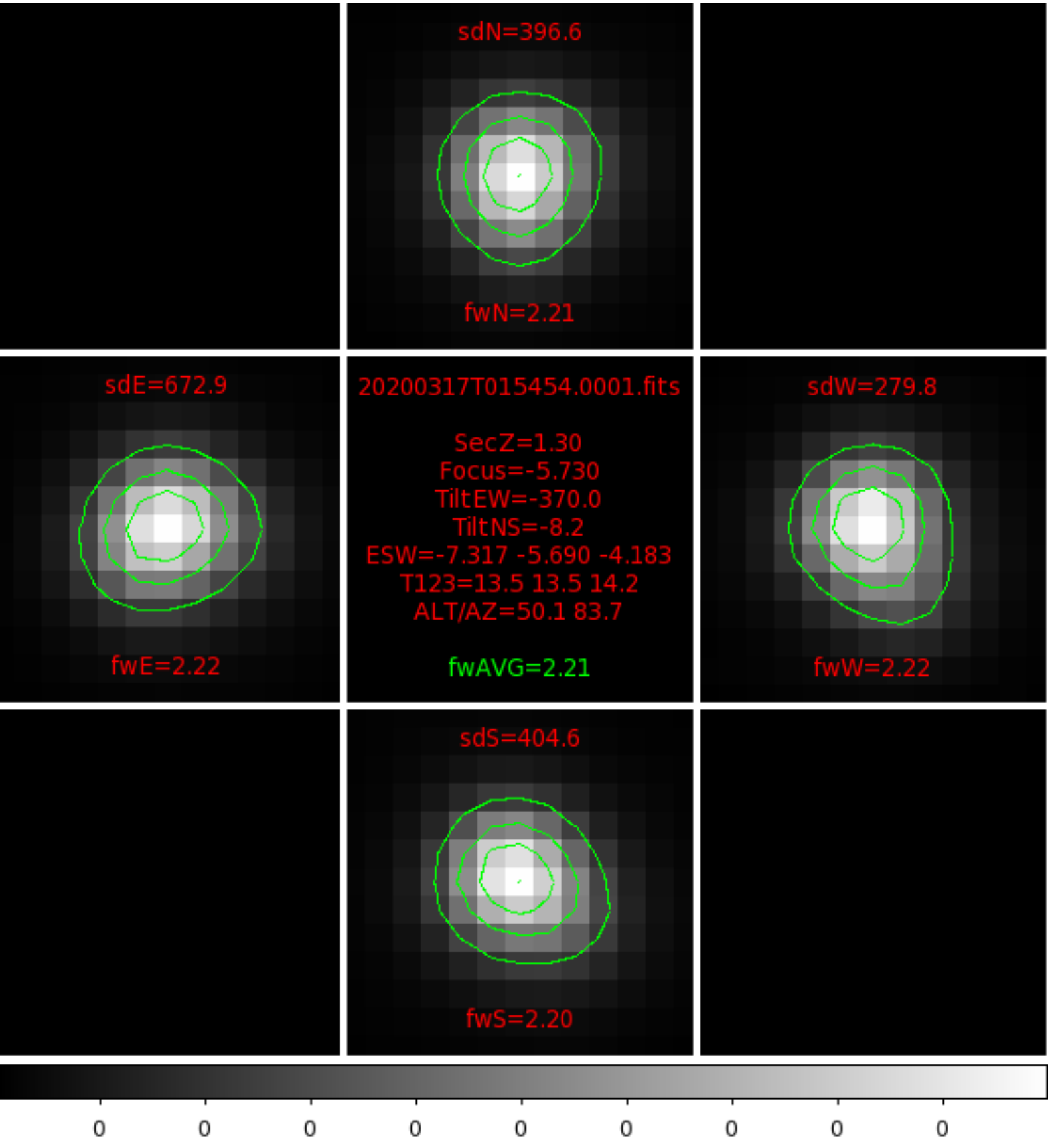
sdN=396.6
fwN=2.21
sdE=672.9
fwE=2.22
20200317T015454.0001.fits
SecZ=1.30
Focus=-5.730
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.317 -5.690 -4.183
T123=13.5 13.5 14.2
ALT/AZ=50.1 83.7
fwAVG=2.21
sdW=279.8
fwW=2.22
sdS=404.6
fwS=2.20
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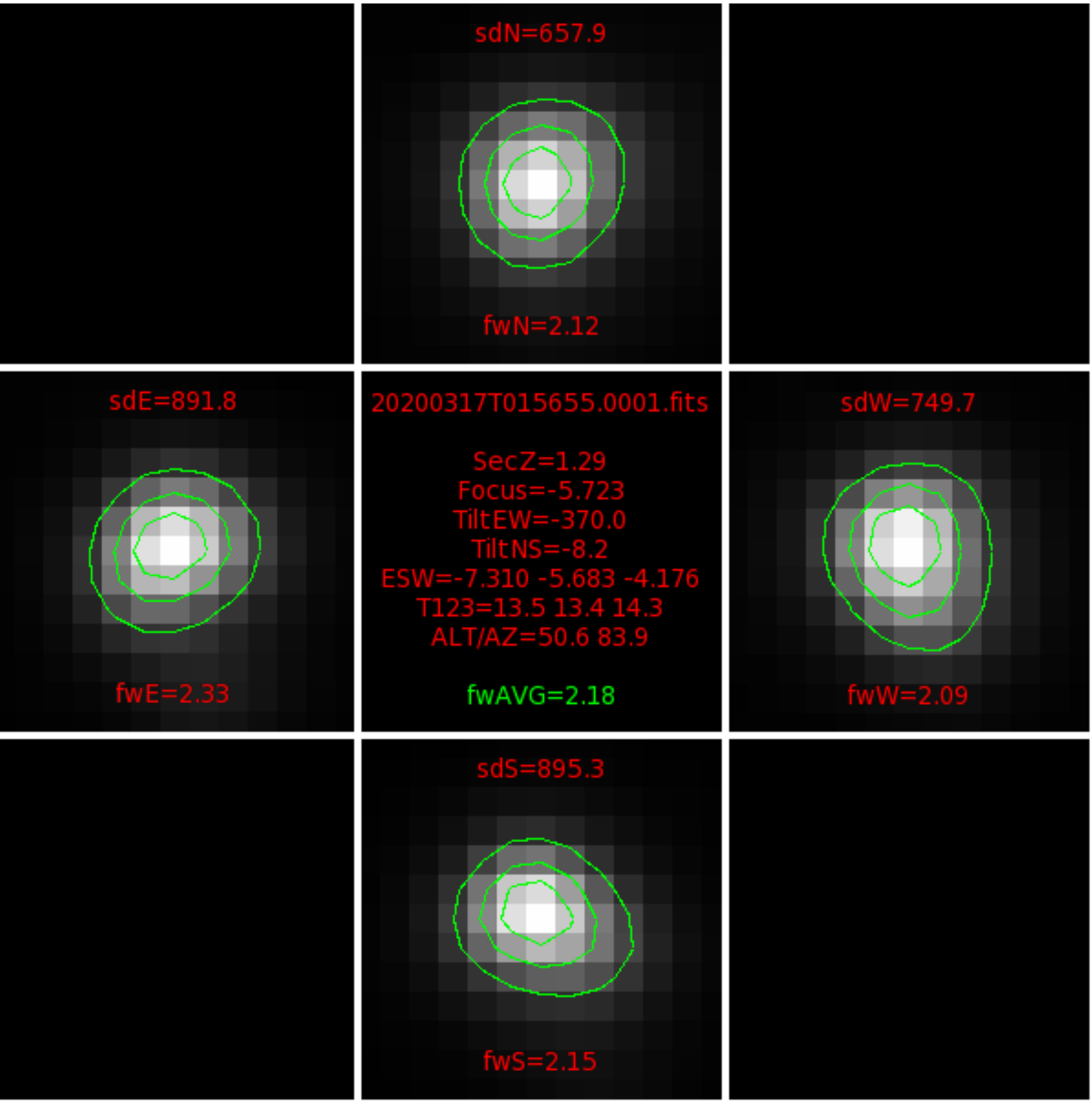
sdN=657.9
fwN=2.12
sdE=891.8
fwE=2.33
20200317T015655.0001.fits
SecZ=1.29
Focus=-5.723
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.310 -5.683 -4.176
T123=13.5 13.4 14.3
ALT/AZ=50.6 83.9
fwAVG=2.18
sdW=749.7
fwW=2.09
sdS=895.3
fwS=2.15
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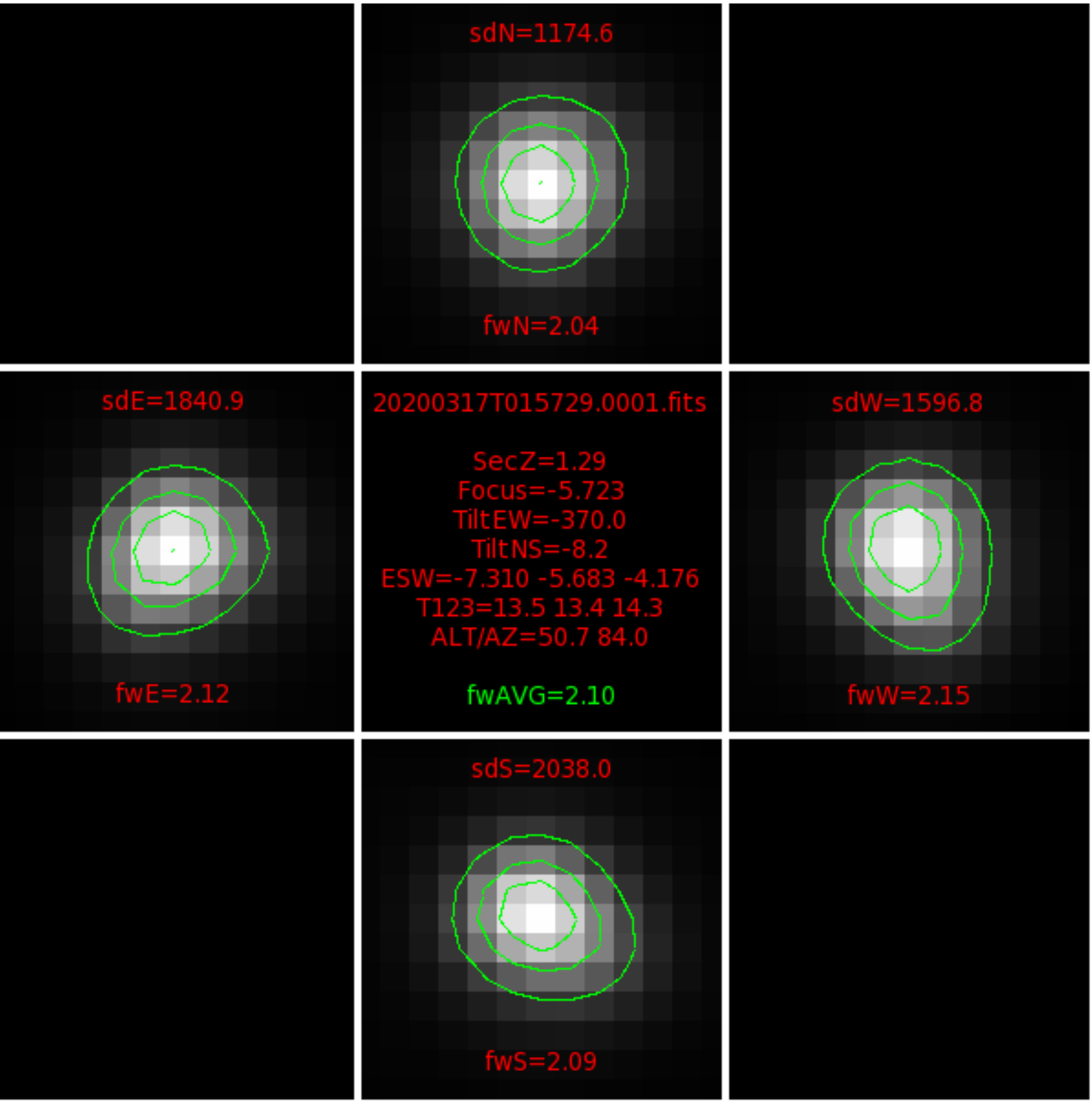
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fwN=2.04
sdE=1840.9
fwE=2.12
20200317T015729.0001.fits
SecZ=1.29
Focus=-5.723
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.310 -5.683 -4.176
T123=13.5 13.4 14.3
ALT/AZ=50.7 84.0
fwAVG=2.10
sdW=1596.8
fwW=2.15
sdS=2038.0
fwS=2.09
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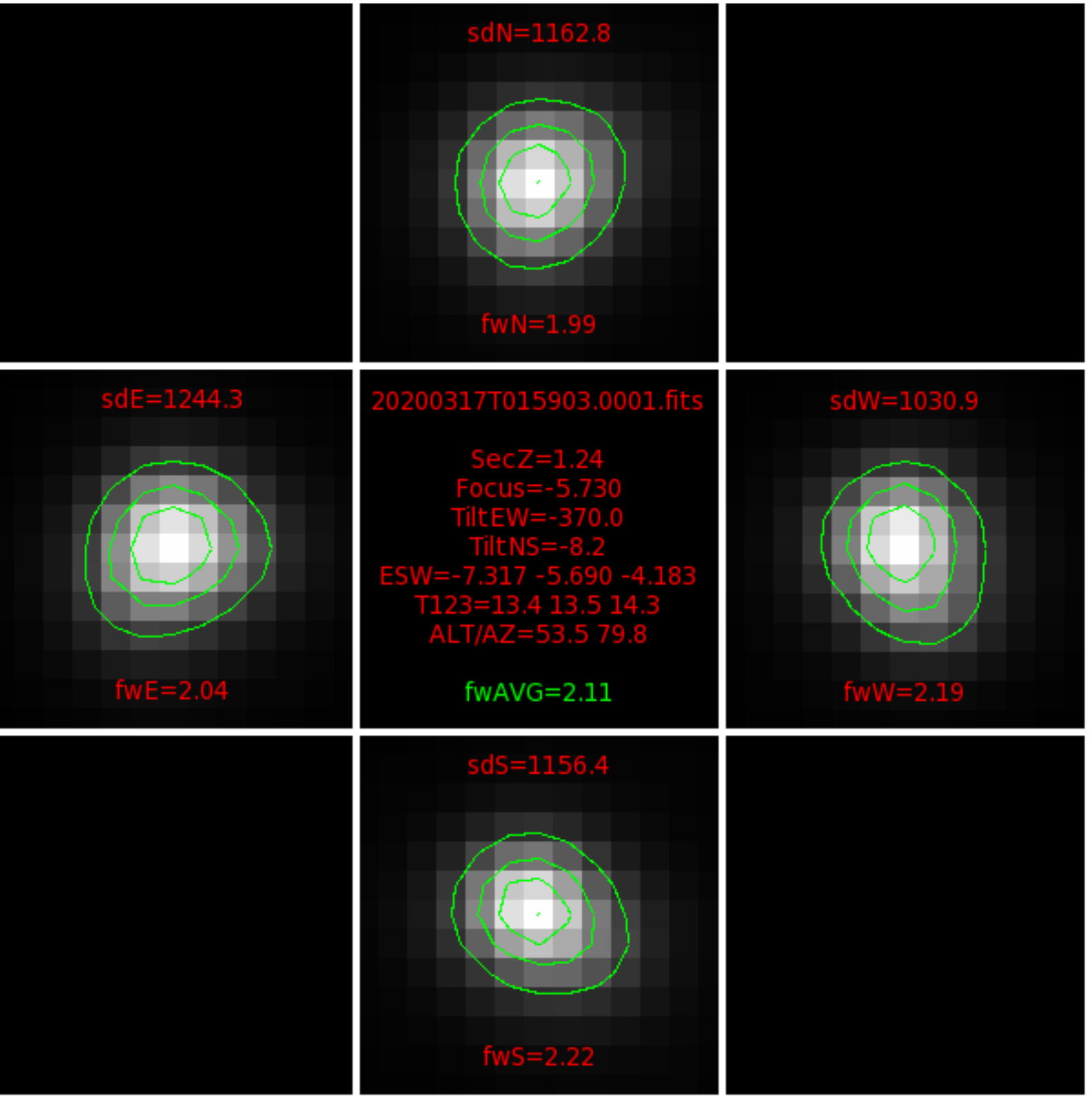
sdN=1162.8
fwN=1.99
sdE=1244.3
fwE=2.04
20200317T015903.0001.fits
SecZ=1.24
Focus=-5.730
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.317 -5.690 -4.183
T123=13.4 13.5 14.3
ALT/AZ=53.5 79.8
fwAVG=2.11
sdW=1030.9
fwW=2.19
sdS=1156.4
fwS=2.22
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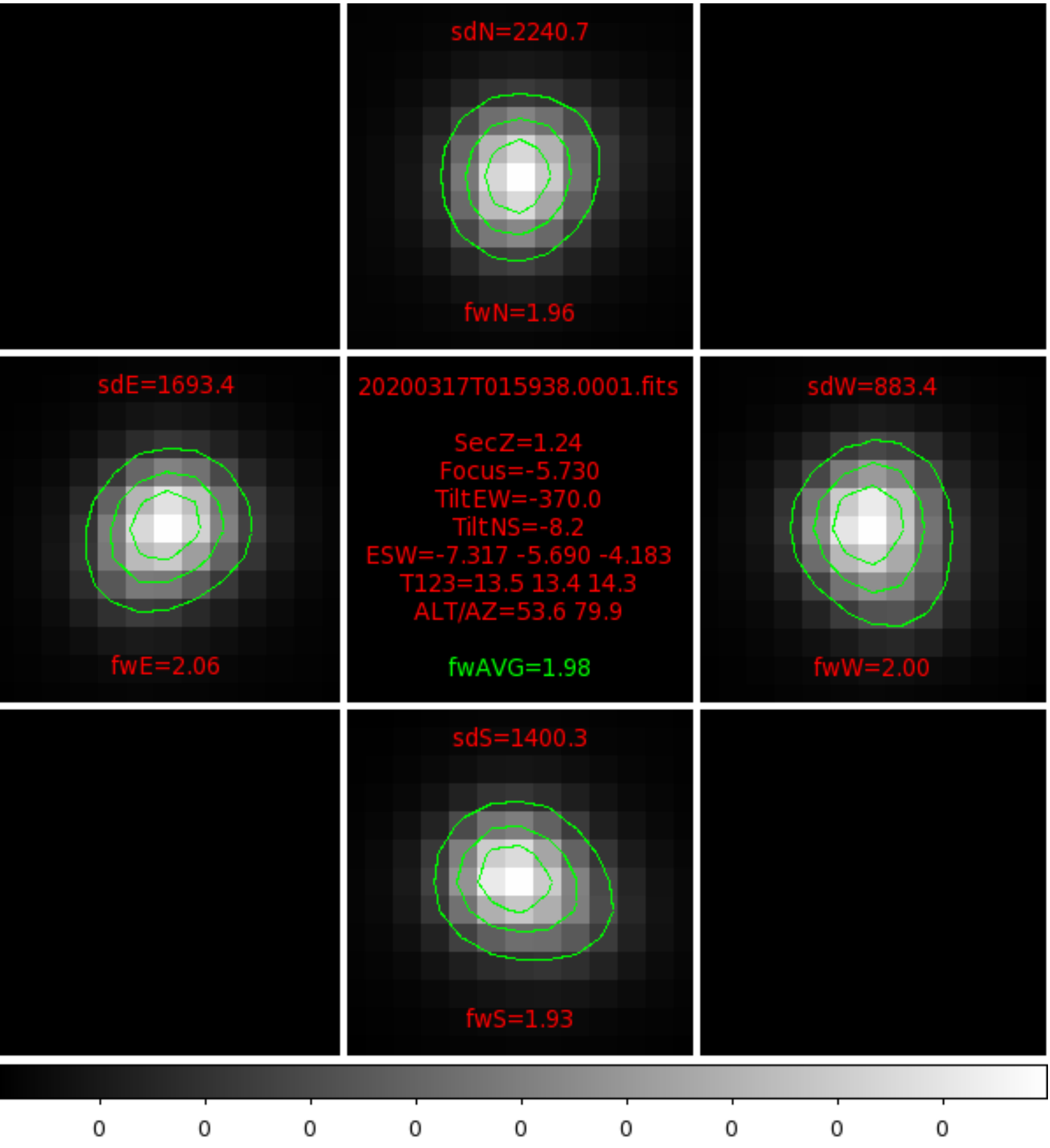
sdN=2240.7
fwN=1.96
sdE=1693.4
fwE=2.06
20200317T015938.0001.fits
SecZ=1.24
Focus=-5.730
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.317 -5.690 -4.183
T123=13.5 13.4 14.3
ALT/AZ=53.6 79.9
fwAVG=1.98
sdW=883.4
fwW=2.00
sdS=1400.3
fwS=1.93
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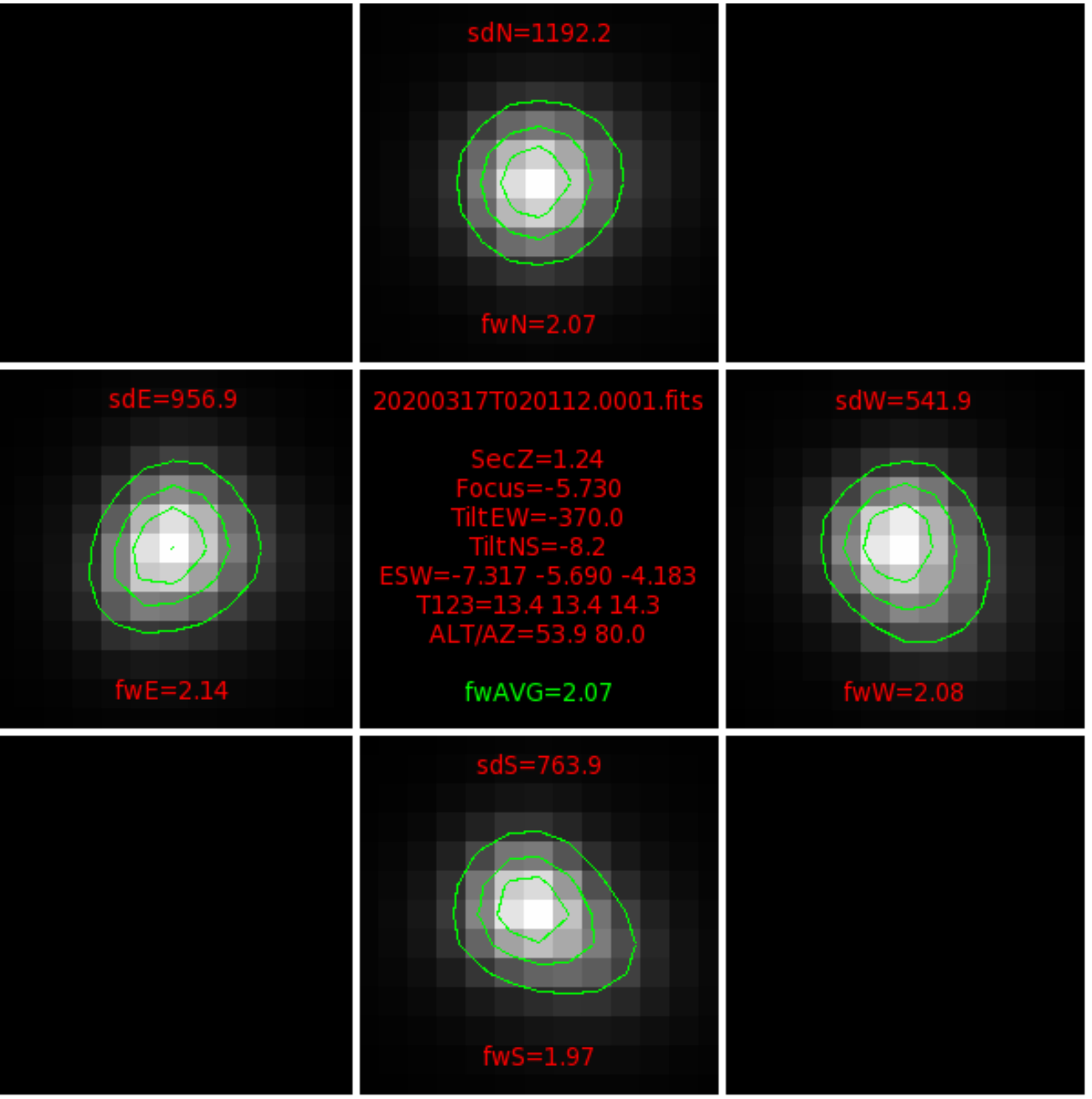
sdN=1192.2
fwN=2.07
sdE=956.9
fwE=2.14
20200317T020112.0001.fits
SecZ=1.24
Focus=-5.730
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.317 -5.690 -4.183
T123=13.4 13.4 14.3
ALT/AZ=53.9 80.0
fwAVG=2.07
sdW=541.9
fwW=2.08
sdS=763.9
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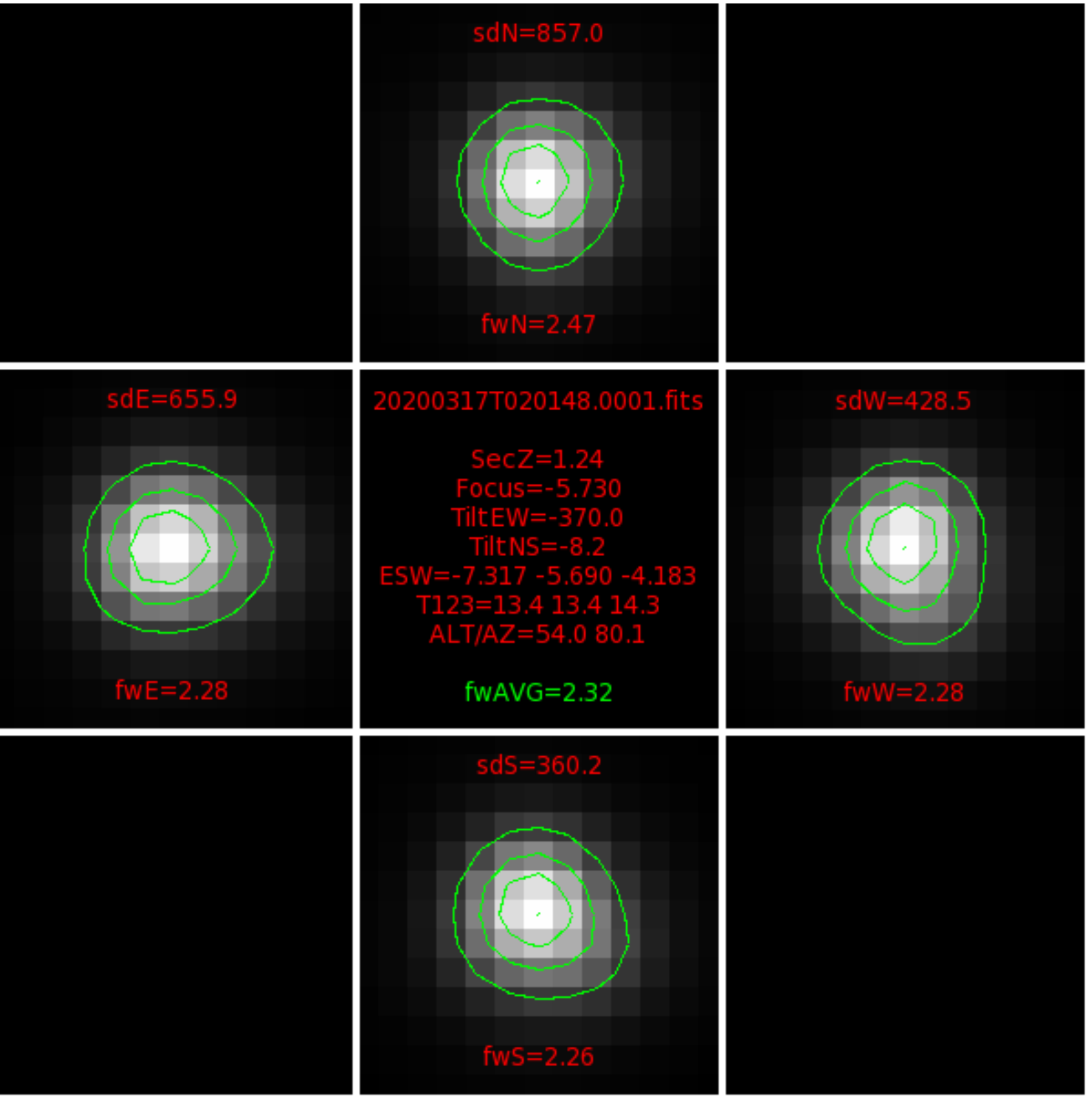
sdN=857.0
fwN=2.47
sdE=655.9
fwE=2.28
20200317T020148.0001.fits
SecZ=1.24
Focus=-5.730
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.317 -5.690 -4.183
T123=13.4 13.4 14.3
ALT/AZ=54.0 80.1
fwAVG=2.32
sdW=428.5
fwW=2.28
sdS=360.2
fwS=2.26
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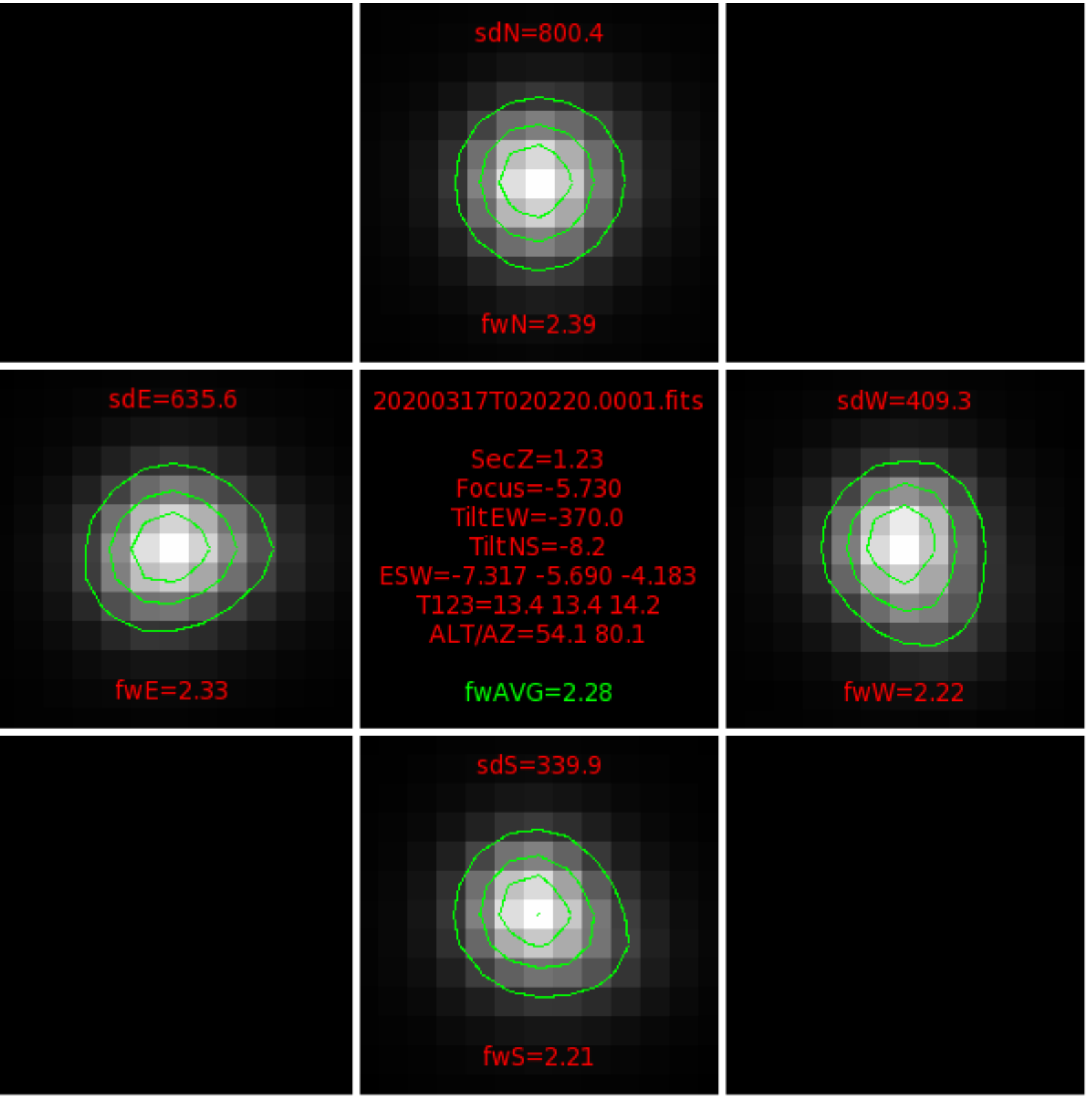
sdN=800.4
fwN=2.39
sdE=635.6
fwE=2.33
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SecZ=1.23
Focus=-5.730
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.317 -5.690 -4.183
T123=13.4 13.4 14.2
ALT/AZ=54.1 80.1
fwAVG=2.28
sdW=409.3
fwW=2.22
sdS=339.9
fwS=2.21
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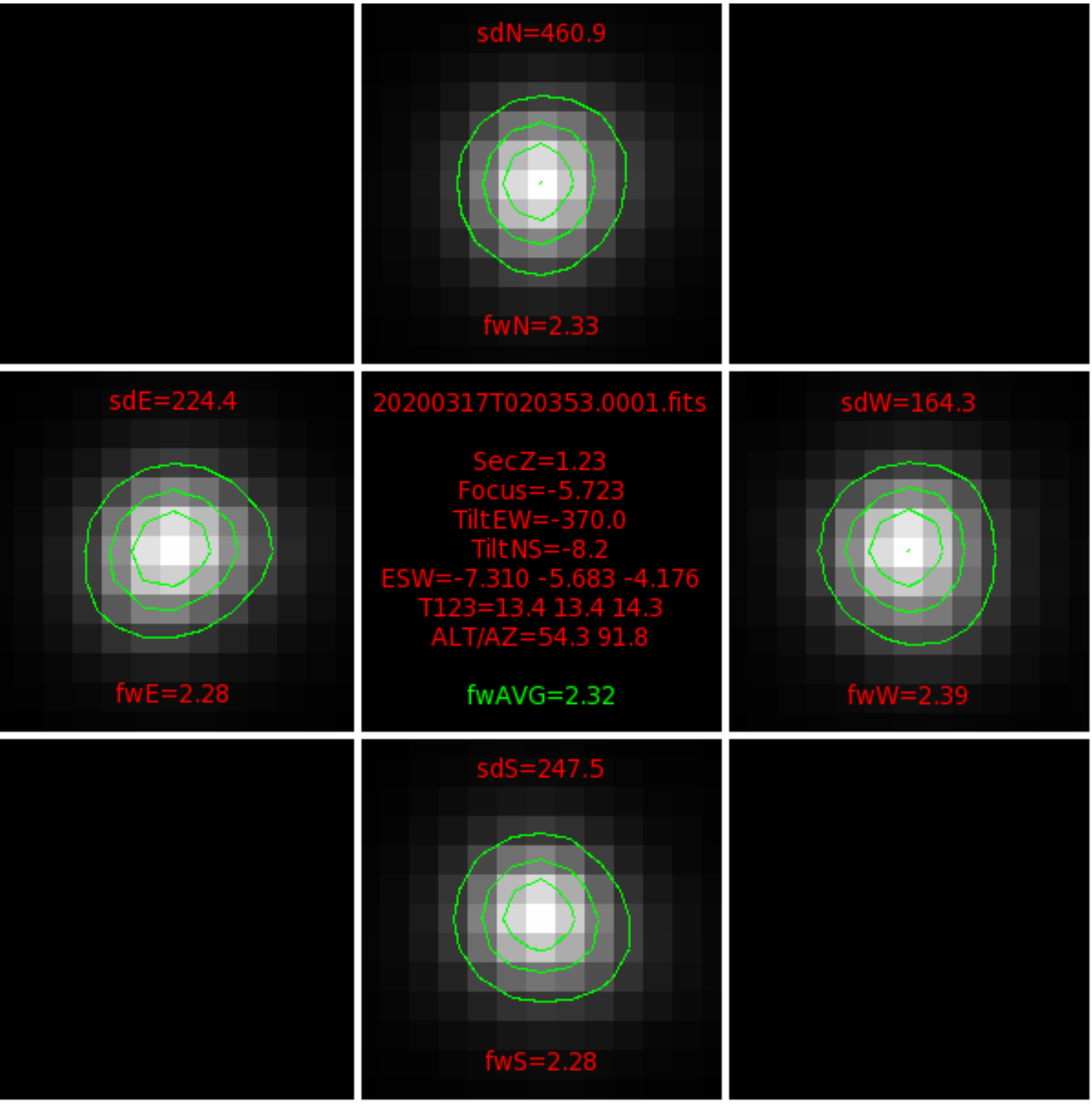
sdN=460.9
fwN=2.33
sdE=224.4
fwE=2.28
20200317T020353.0001.fits
SecZ=1.23
Focus=-5.723
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.310 -5.683 -4.176
T123=13.4 13.4 14.3
ALT/AZ=54.3 91.8
fwAVG=2.32
sdW=164.3
fwW=2.39
sdS=247.5
fwS=2.28
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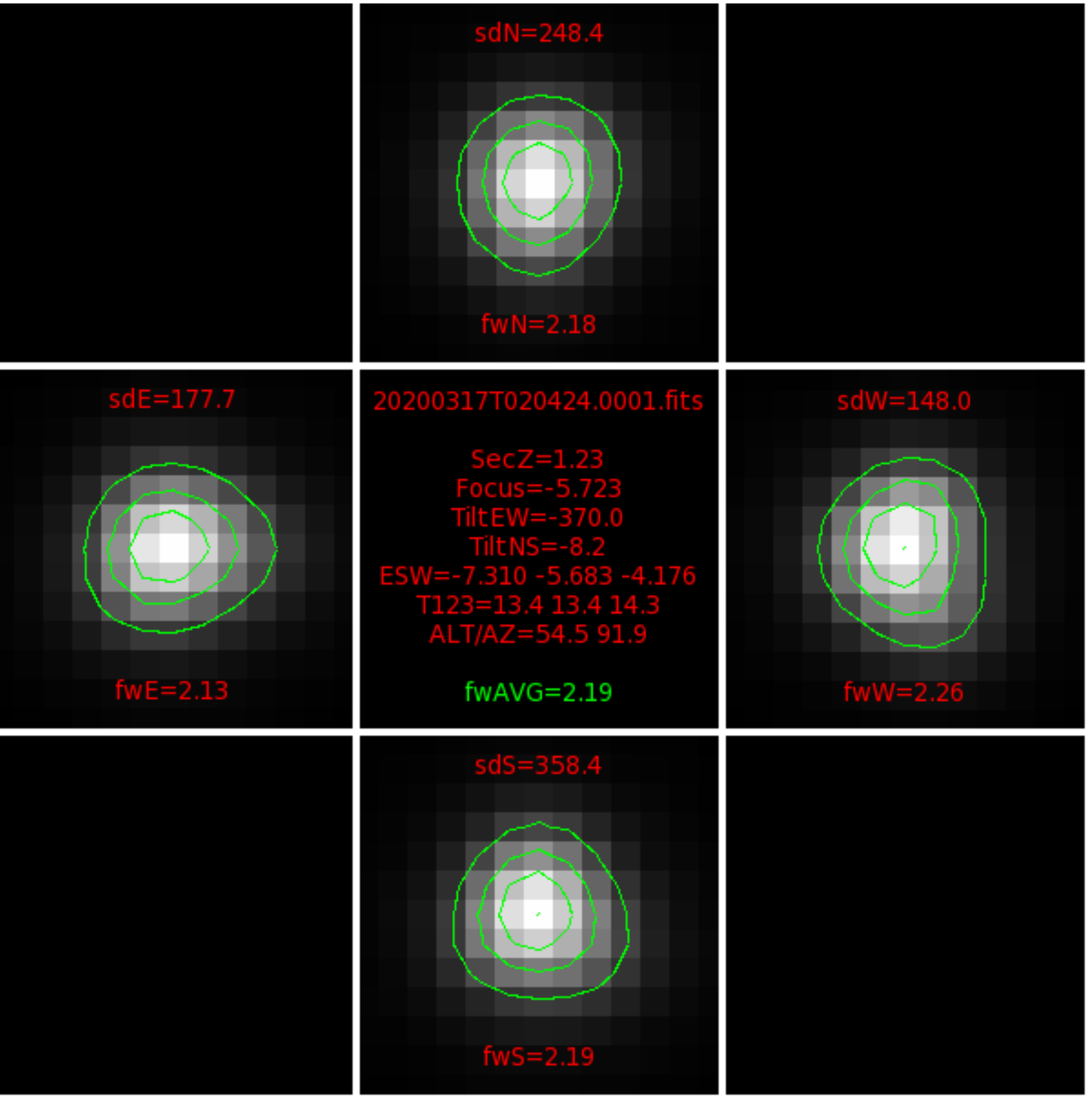
sdN=248.4
fwN=2.18
sdE=177.7
fwE=2.13
20200317T020424.0001.fits
SecZ=1.23
Focus=-5.723
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.310 -5.683 -4.176
T123=13.4 13.4 14.3
ALT/AZ=54.5 91.9
fwAVG=2.19
sdW=148.0
fwW=2.26
sdS=358.4
fwS=2.19
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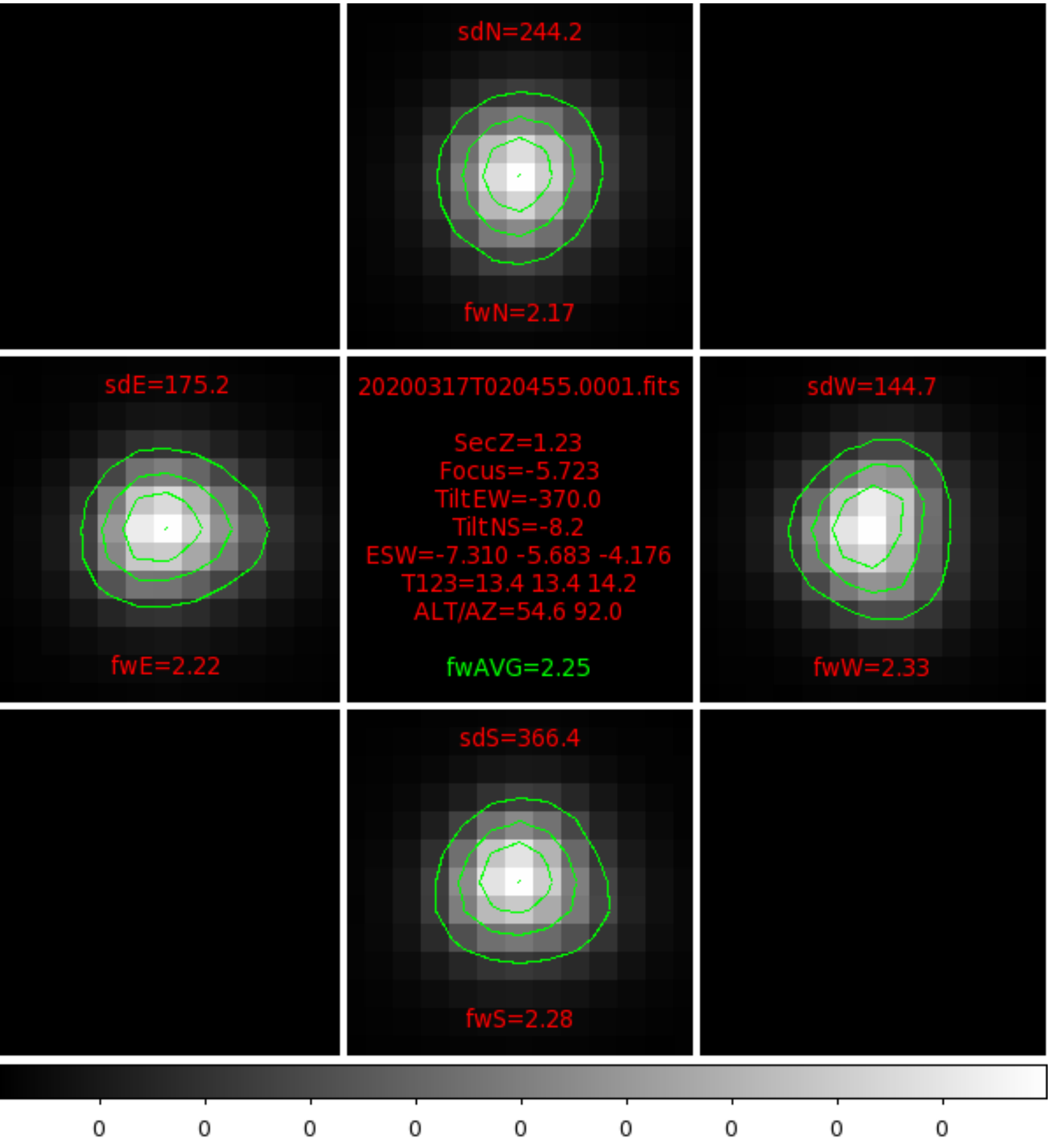
sdN=244.2
fwN=2.17
sdE=175.2
fwE=2.22
20200317T020455.0001.fits
SecZ=1.23
Focus=-5.723
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.310 -5.683 -4.176
T123=13.4 13.4 14.2
ALT/AZ=54.6 92.0
fwAVG=2.25
sdW=144.7
fwW=2.33
sdS=366.4
fwS=2.28
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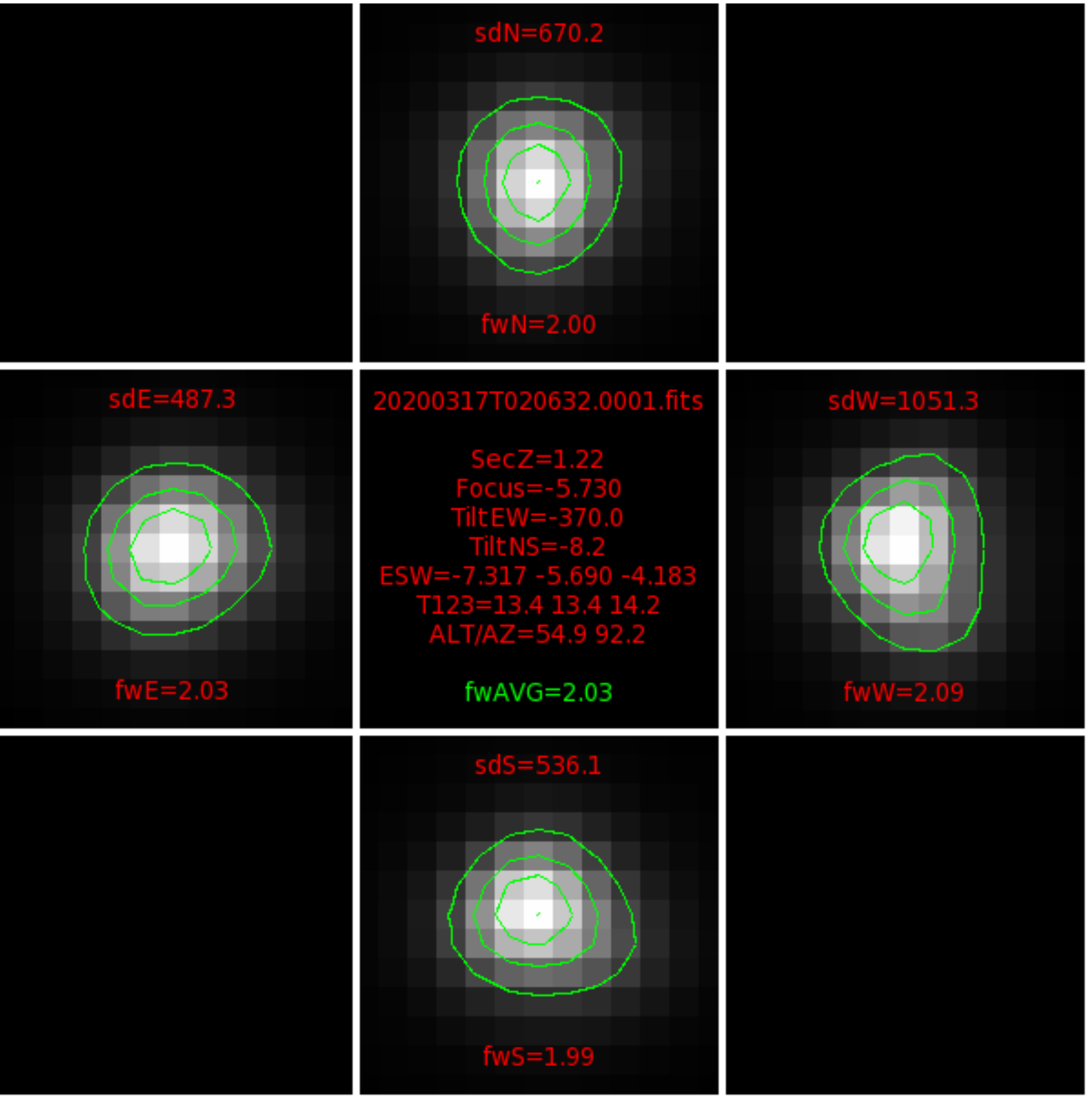
sdN=670.2
fwN=2.00
sdE=487.3
fwE=2.03
20200317T020632.0001.fits
SecZ=1.22
Focus=-5.730
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.317 -5.690 -4.183
T123=13.4 13.4 14.2
ALT/AZ=54.9 92.2
fwAVG=2.03
sdW=1051.3
fwW=2.09
sdS=536.1
fwS=1.99
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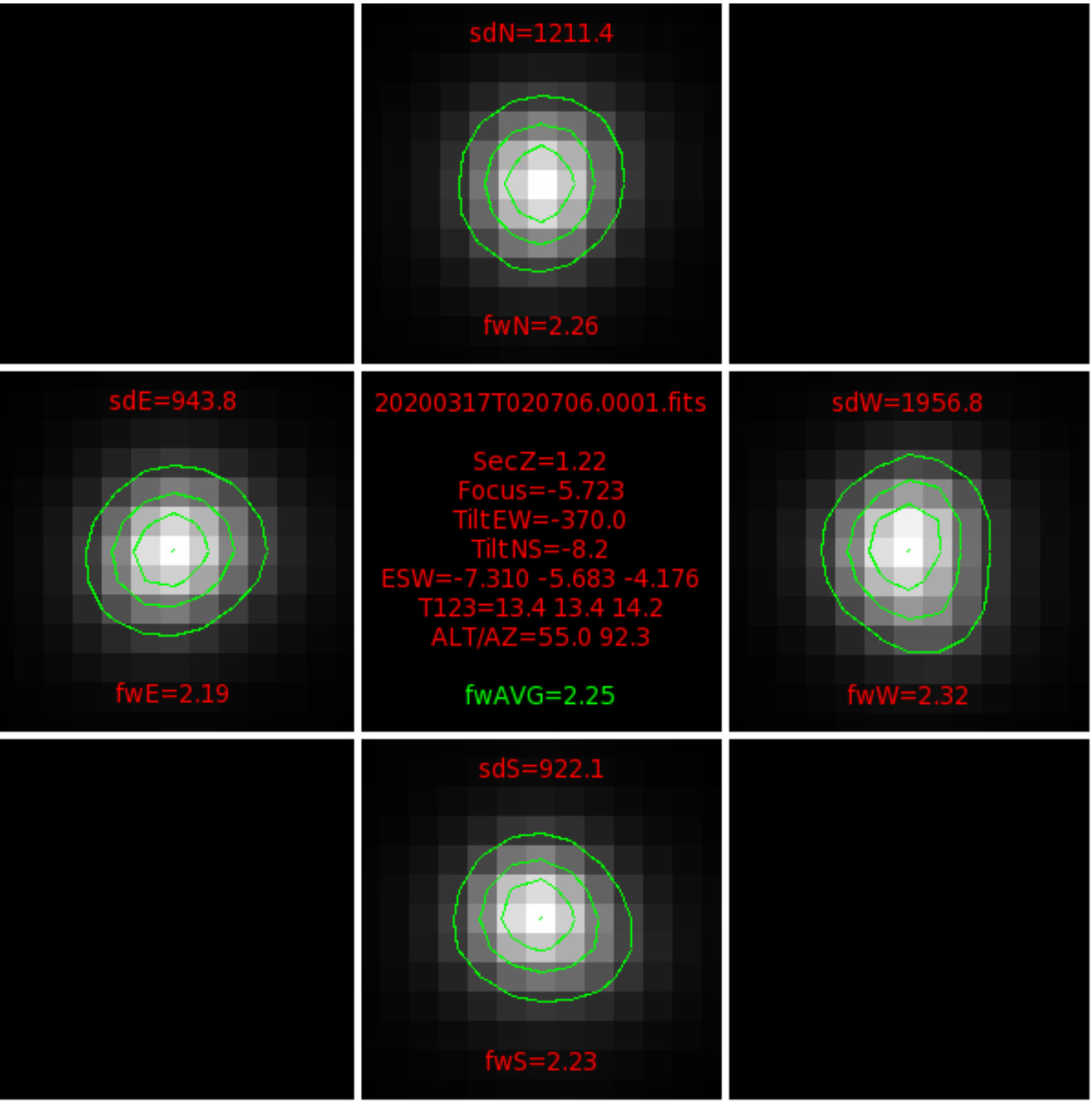
sdN=1211.4
fwN=2.26
sdE=943.8
fwE=2.19
20200317T020706.0001.fits
SecZ=1.22
Focus=-5.723
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.310 -5.683 -4.176
T123=13.4 13.4 14.2
ALT/AZ=55.0 92.3
fwAVG=2.25
sdW=1956.8
fwW=2.32
sdS=922.1
fwS=2.23
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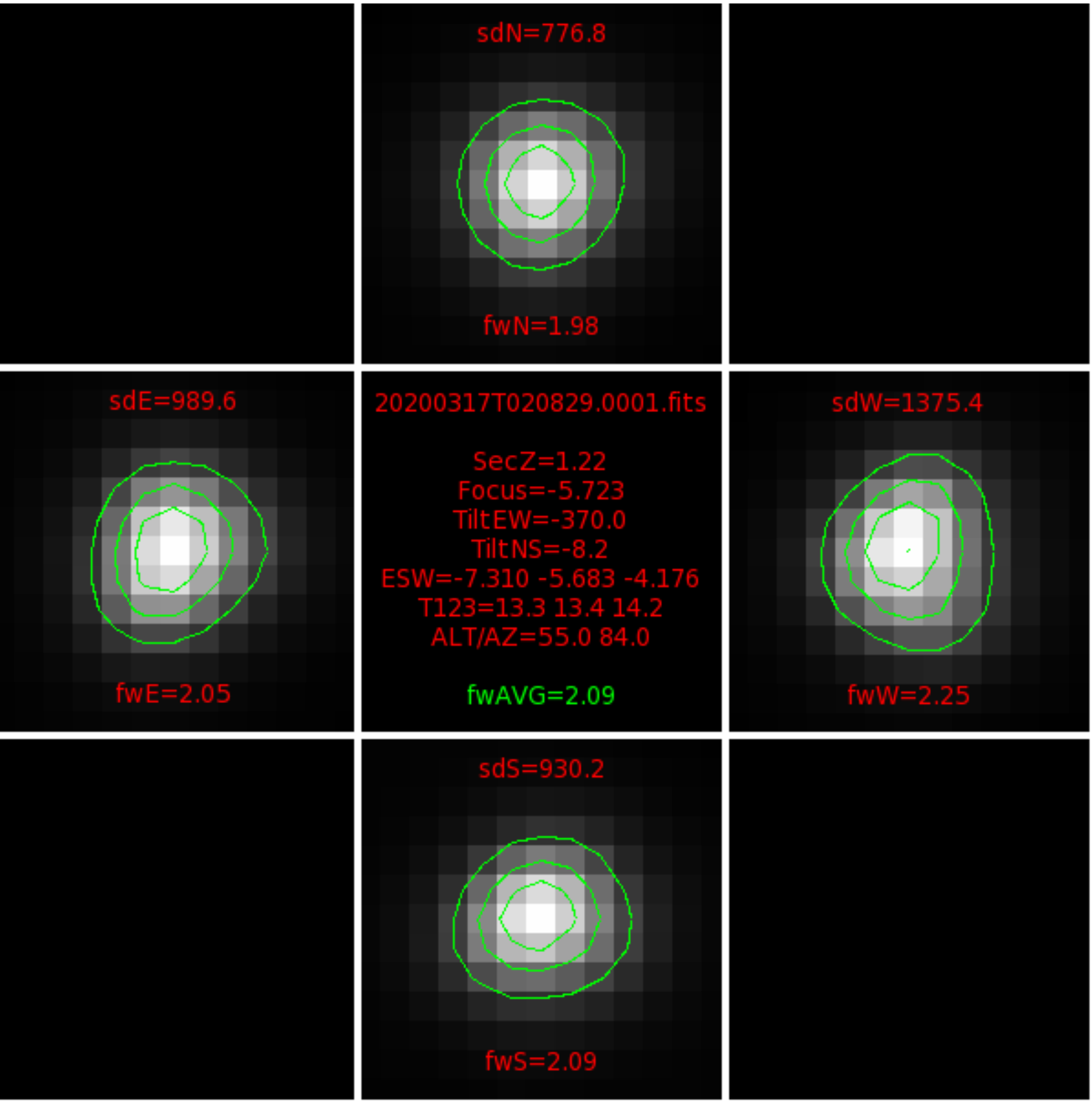
sdN=776.8
fwN=1.98
sdE=989.6
fwE=2.05
20200317T020829.0001.fits
SecZ=1.22
Focus=-5.723
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.310 -5.683 -4.176
T123=13.3 13.4 14.2
ALT/AZ=55.0 84.0
fwAVG=2.09
sdW=1375.4
fwW=2.25
sdS=930.2
fwS=2.09
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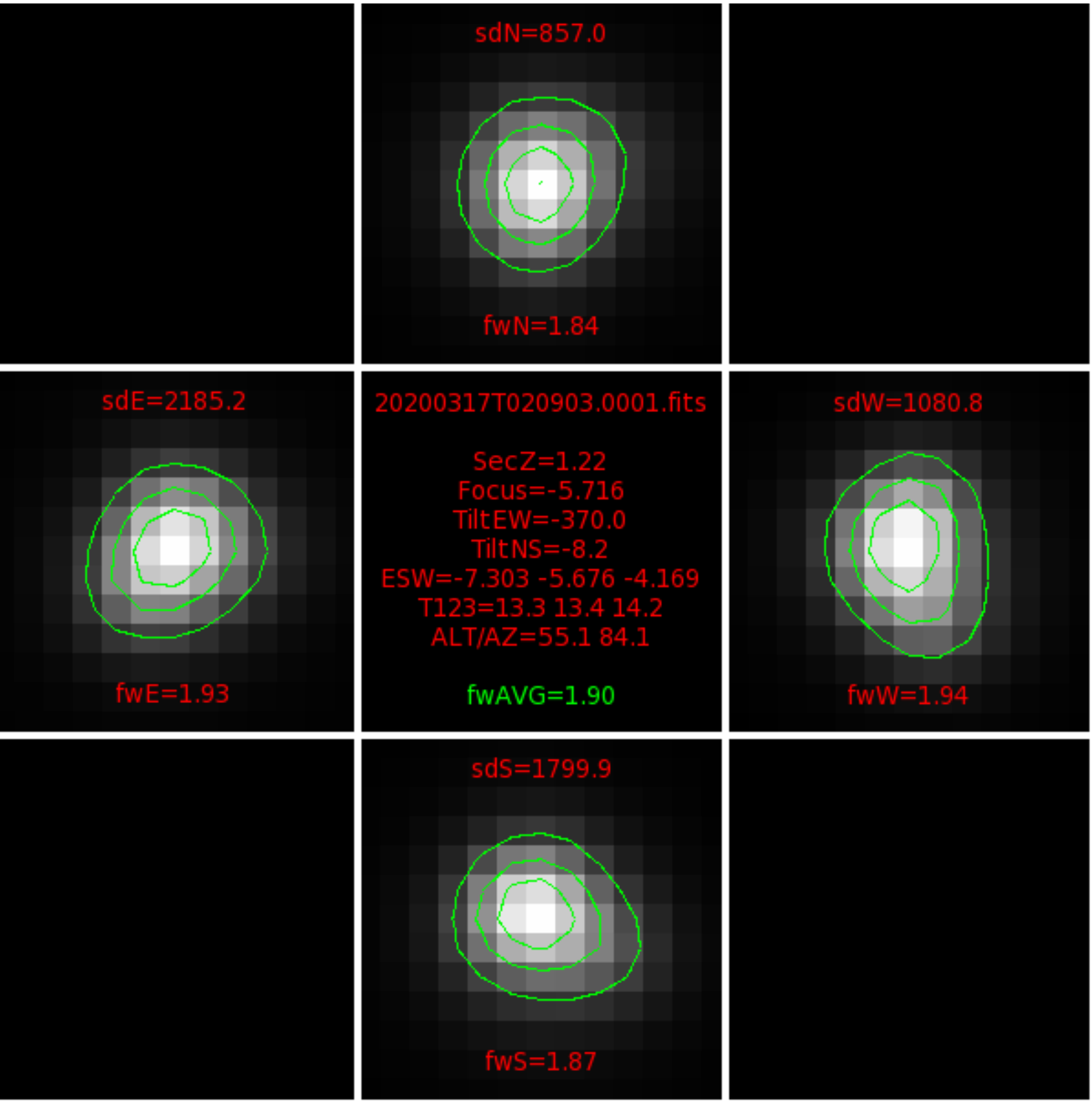
sdN=857.0
fwN=1.84
sdE=2185.2
fwE=1.93
20200317T020903.0001.fits
SecZ=1.22
Focus=-5.716
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.303 -5.676 -4.169
T123=13.3 13.4 14.2
ALT/AZ=55.1 84.1
fwAVG=1.90
sdW=1080.8
fwW=1.94
sdS=1799.9
fwS=1.87
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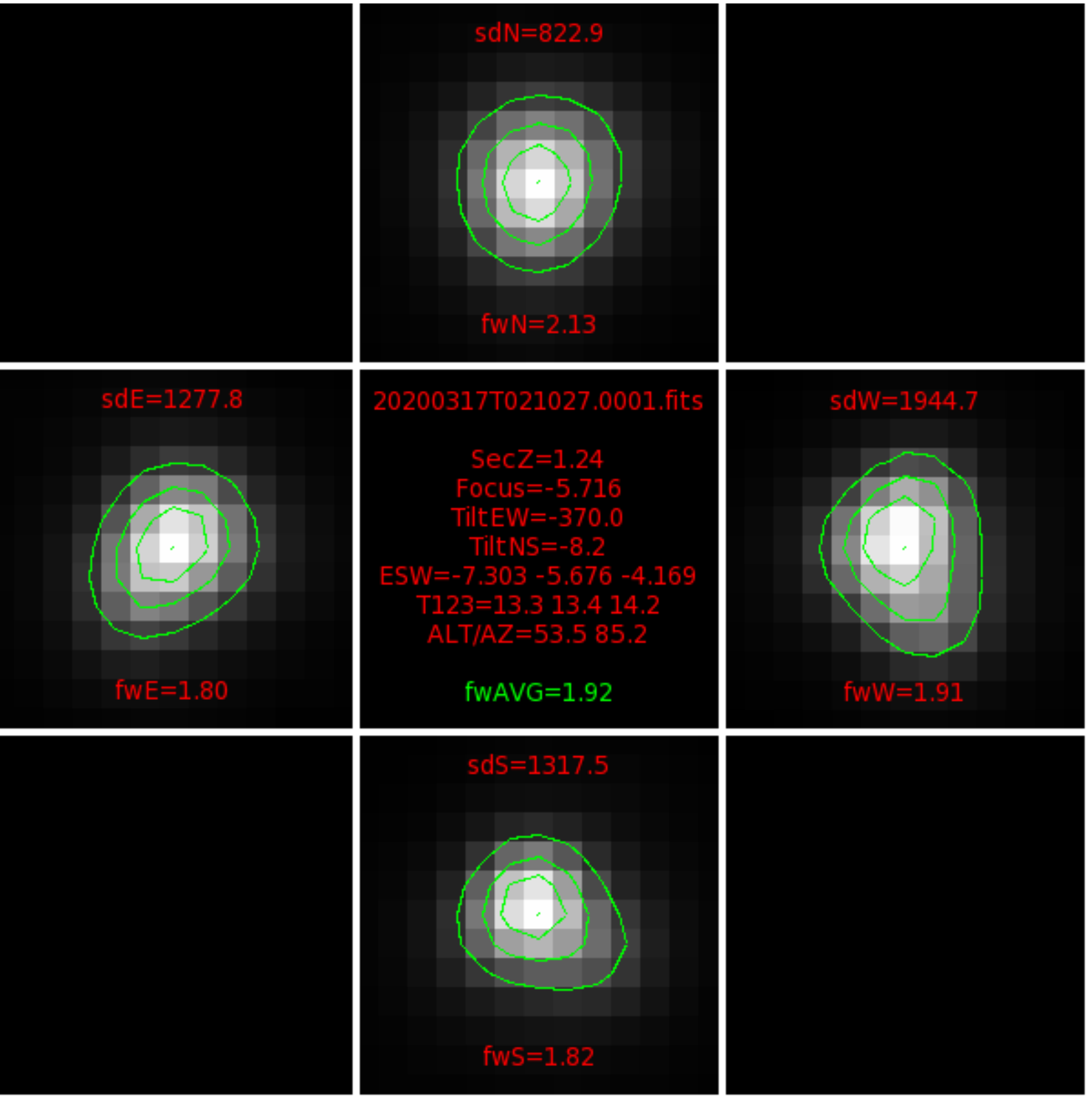
sdN=822.9
fwN=2.13
sdE=1277.8
fwE=1.80
20200317T021027.0001.fits
SecZ=1.24
Focus=-5.716
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.303 -5.676 -4.169
T123=13.3 13.4 14.2
ALT/AZ=53.5 85.2
fwAVG=1.92
sdW=1944.7
fwW=1.91
sdS=1317.5
fwS=1.82
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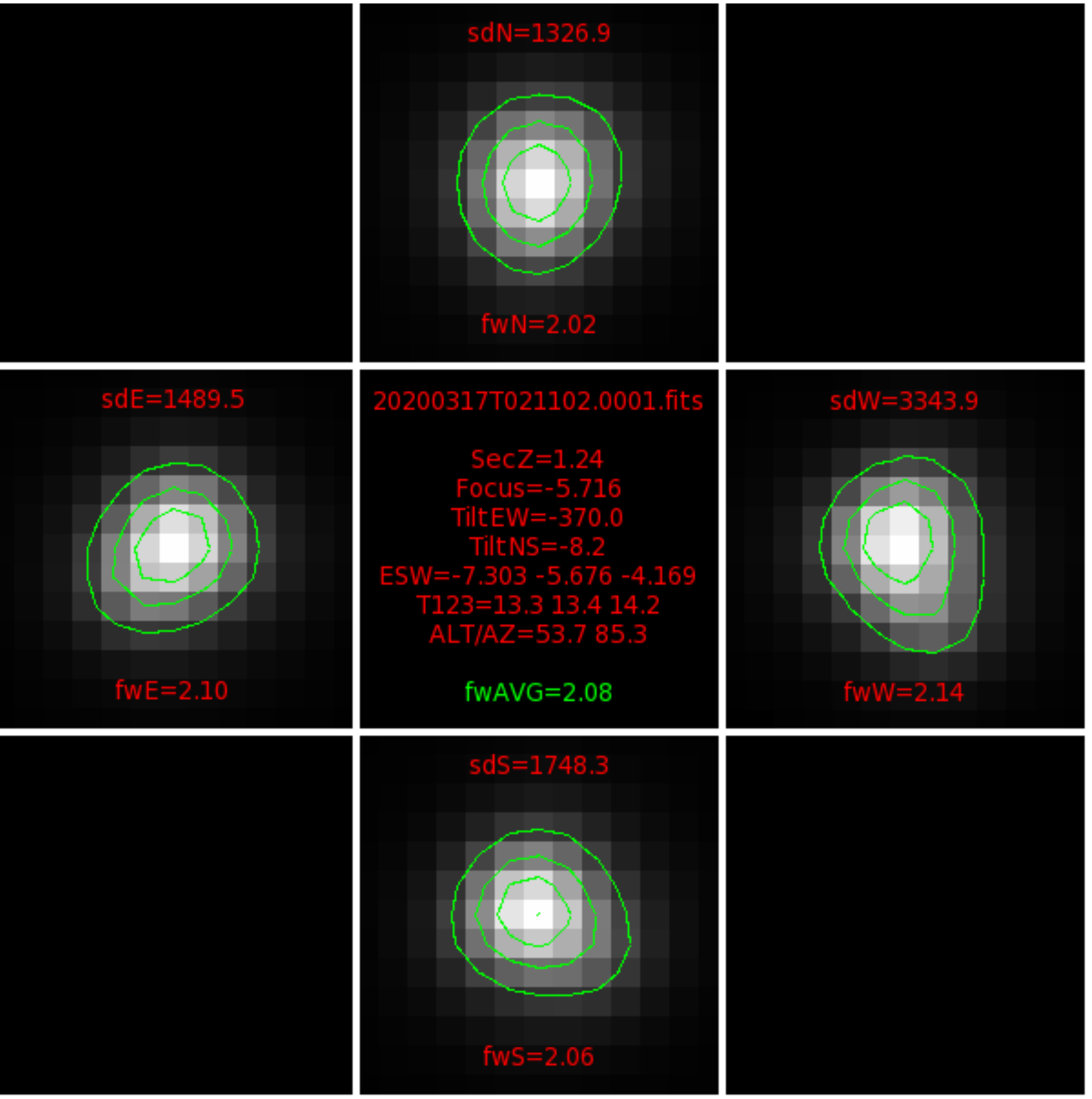
sdN=1326.9
fwN=2.02
sdE=1489.5
fwE=2.10
20200317T021102.0001.fits
SecZ=1.24
Focus=-5.716
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.303 -5.676 -4.169
T123=13.3 13.4 14.2
ALT/AZ=53.7 85.3
fwAVG=2.08
sdW=3343.9
fwW=2.14
sdS=1748.3
fwS=2.06
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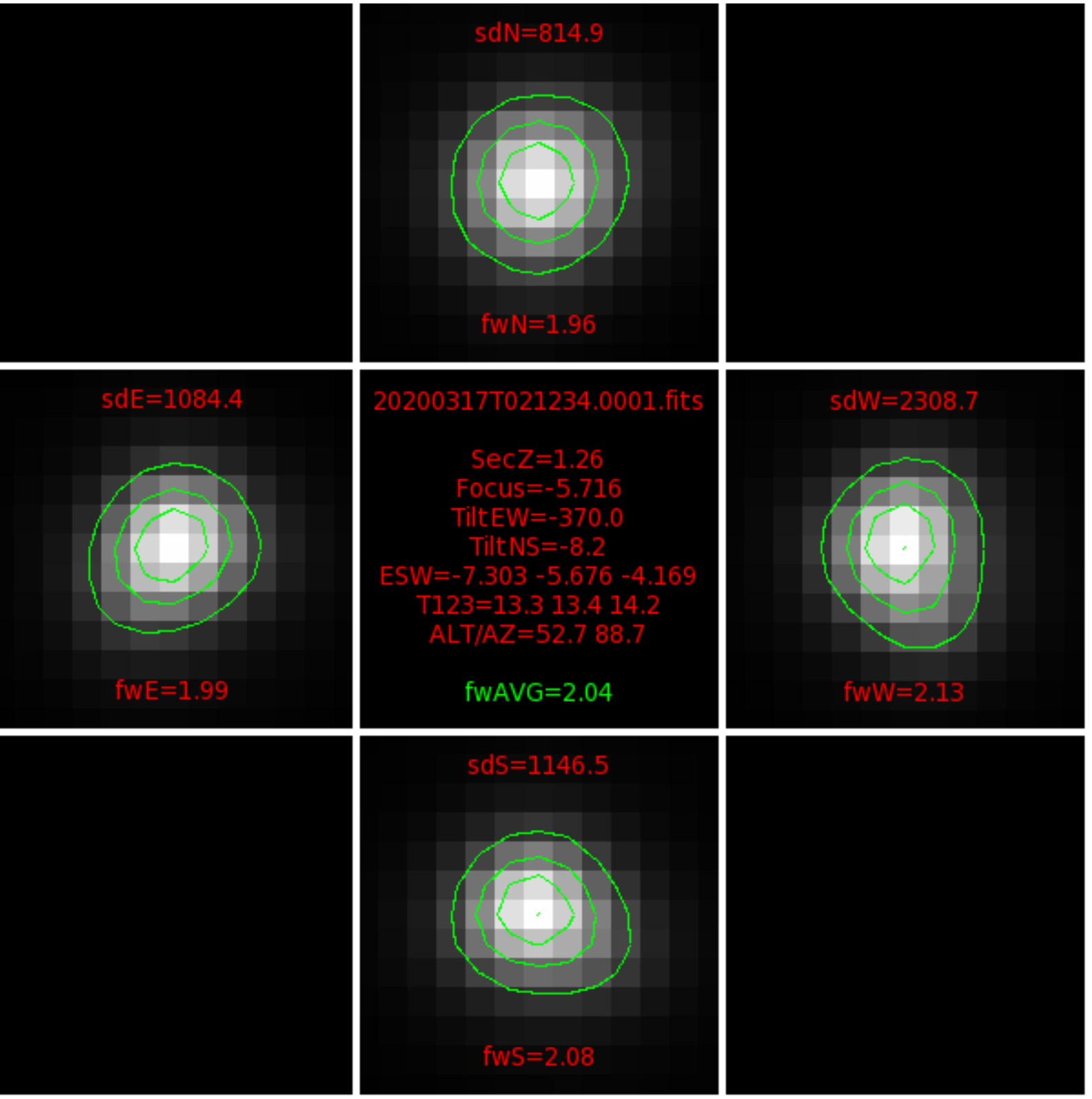
sdN=814.9
fwN=1.96
sdE=1084.4
fwE=1.99
20200317T021234.0001.fits
SecZ=1.26
Focus=-5.716
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.303 -5.676 -4.169
T123=13.3 13.4 14.2
ALT/AZ=52.7 88.7
fwAVG=2.04
sdW=2308.7
fwW=2.13
sdS=1146.5
fwS=2.08
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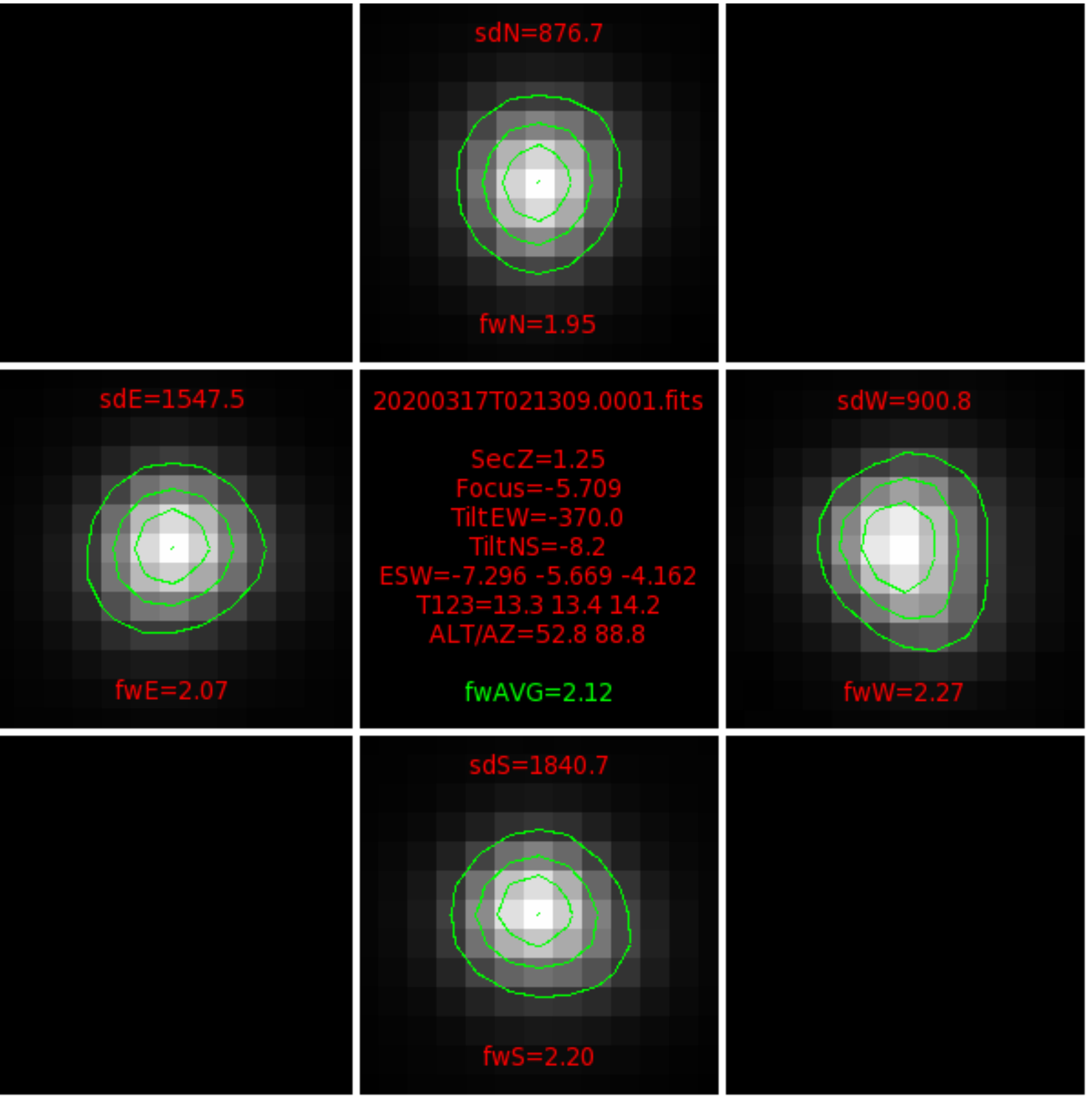
sdN=876.7
fwN=1.95
sdE=1547.5
fwE=2.07
20200317T021309.0001.fits
SecZ=1.25
Focus=-5.709
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.296 -5.669 -4.162
T123=13.3 13.4 14.2
ALT/AZ=52.8 88.8
fwAVG=2.12
sdW=900.8
fwW=2.27
sdS=1840.7
fwS=2.20
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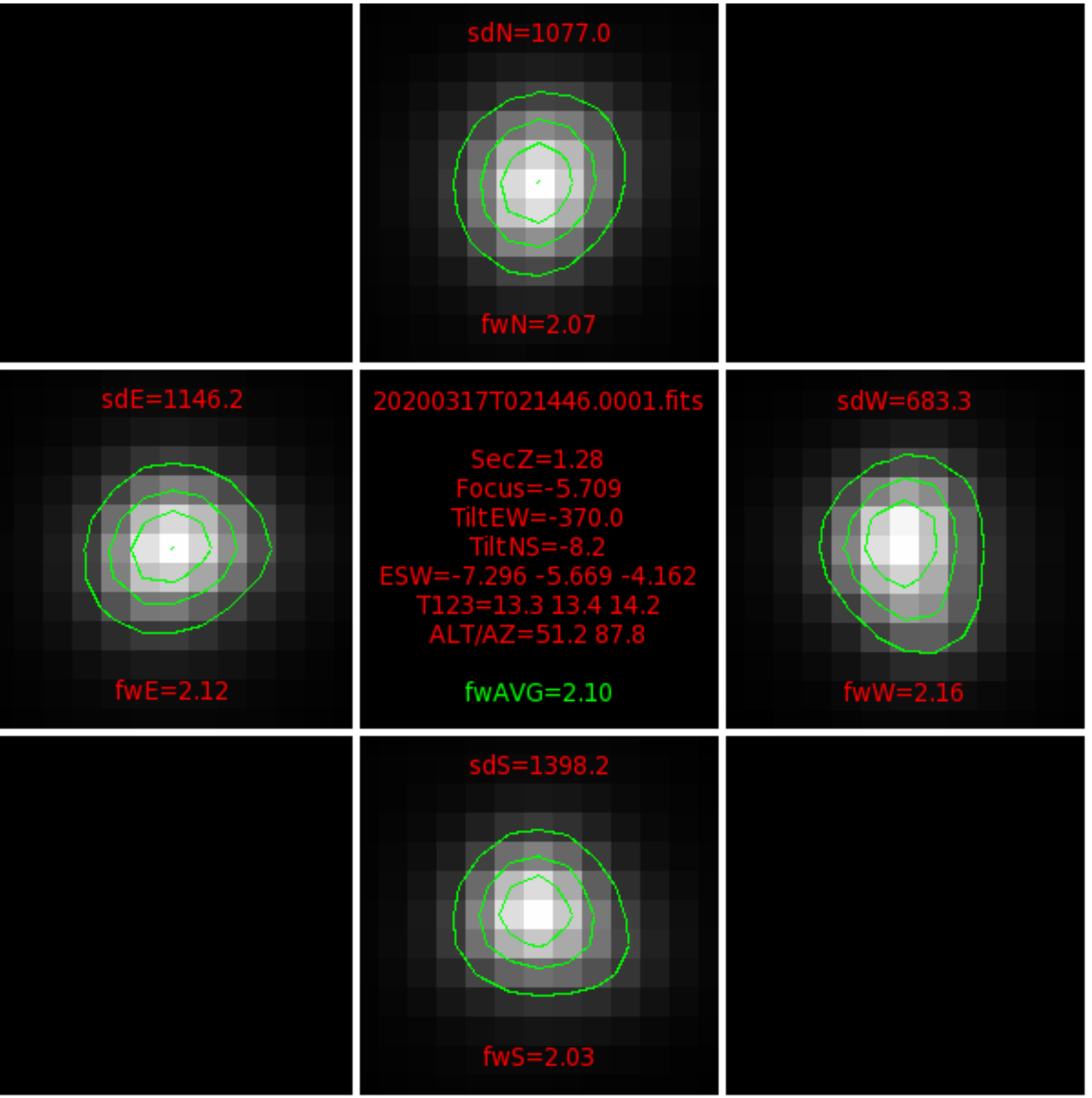
sdN=1077.0
fwN=2.07
sdE=1146.2
fwE=2.12
20200317T021446.0001.fits
SecZ=1.28
Focus=-5.709
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.296 -5.669 -4.162
T123=13.3 13.4 14.2
ALT/AZ=51.2 87.8
fwAVG=2.10
sdW=683.3
fwW=2.16
sdS=1398.2
fwS=2.03
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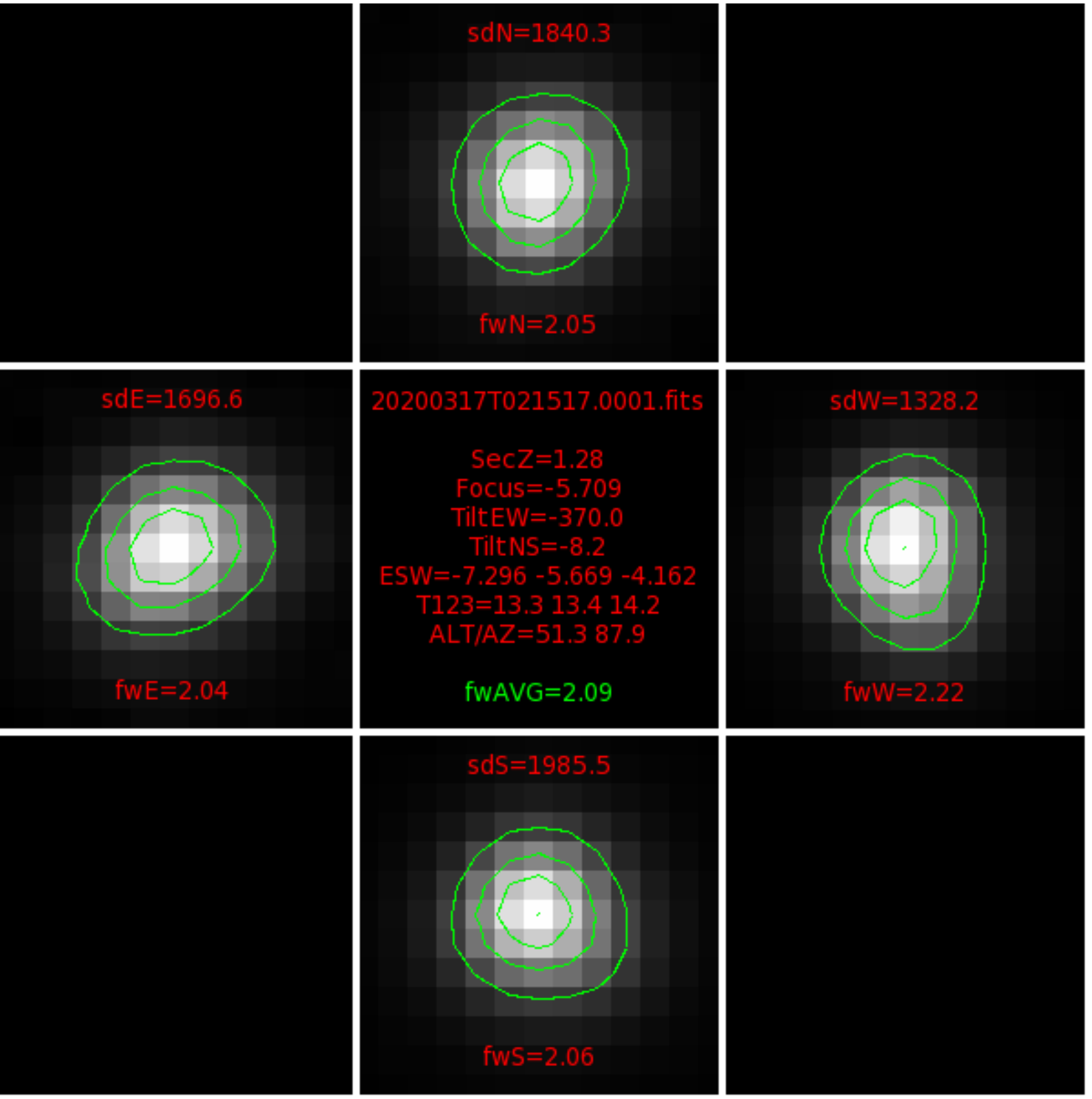
sdN=1840.3
fwN=2.05
sdE=1696.6
fwE=2.04
20200317T021517.0001.fits
SecZ=1.28
Focus=-5.709
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.296 -5.669 -4.162
T123=13.3 13.4 14.2
ALT/AZ=51.3 87.9
fwAVG=2.09
sdW=1328.2
fwW=2.22
sdS=1985.5
fwS=2.06
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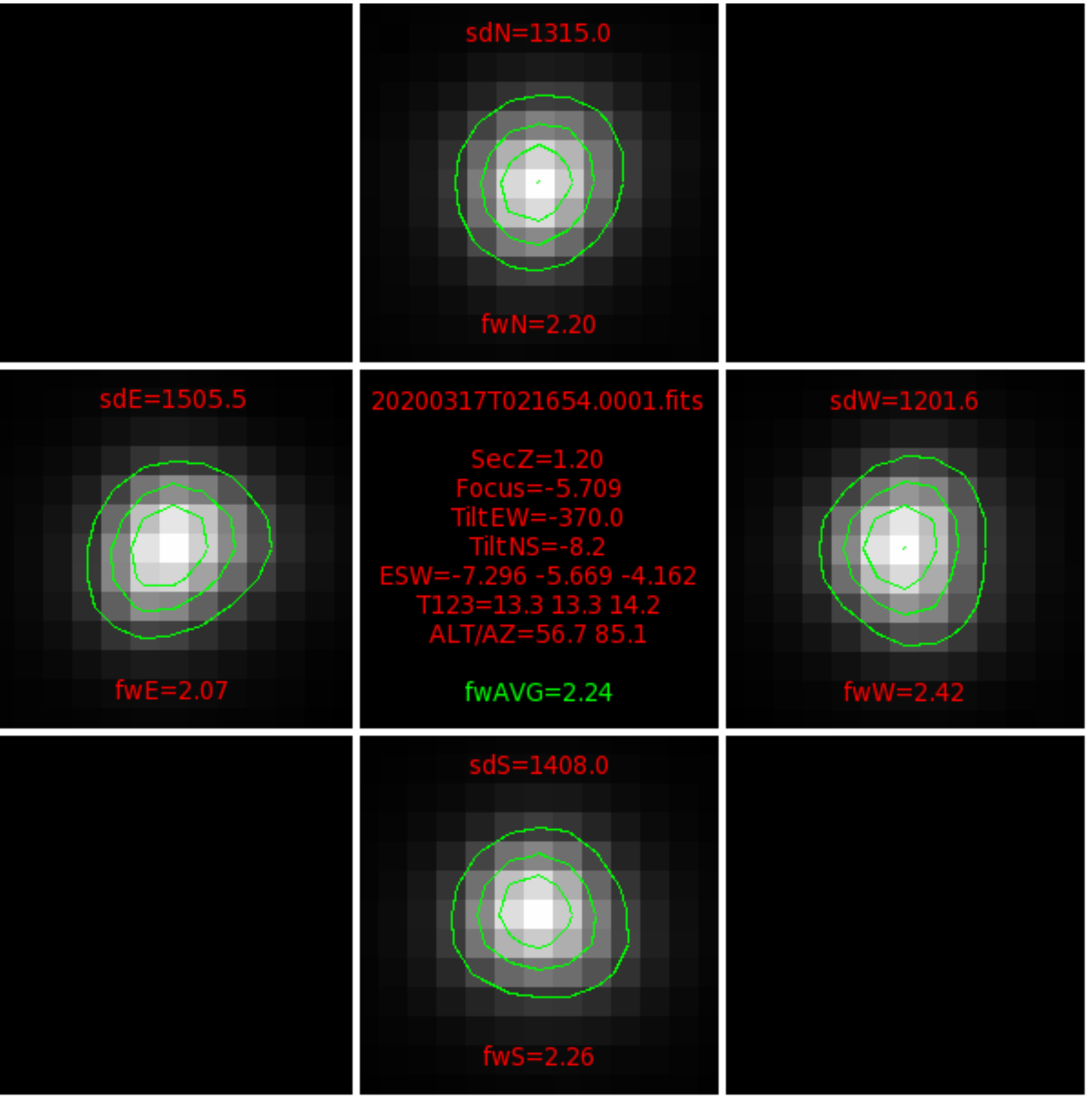
sdN=1315.0
fwN=2.20
sdE=1505.5
fwE=2.07
20200317T021654.0001.fits
SecZ=1.20
Focus=-5.709
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.296 -5.669 -4.162
T123=13.3 13.3 14.2
ALT/AZ=56.7 85.1
fwAVG=2.24
sdW=1201.6
fwW=2.42
sdS=1408.0
fwS=2.26
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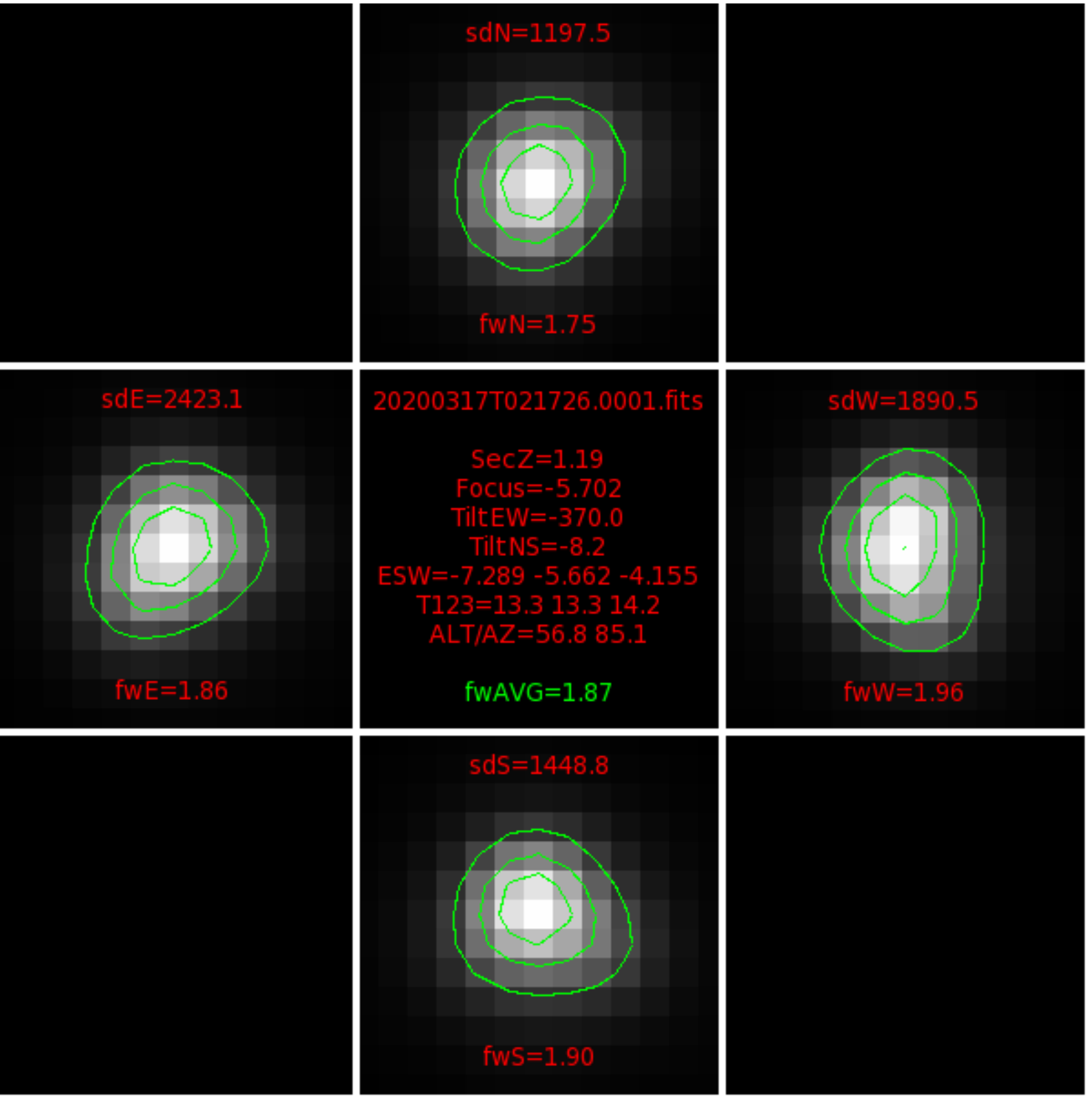
sdN=1197.5
fwN=1.75
sdE=2423.1
fwE=1.86
20200317T021726.0001.fits
SecZ=1.19
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.3 13.3 14.2
ALT/AZ=56.8 85.1
fwAVG=1.87
sdW=1890.5
fwW=1.96
sdS=1448.8
fwS=1.90
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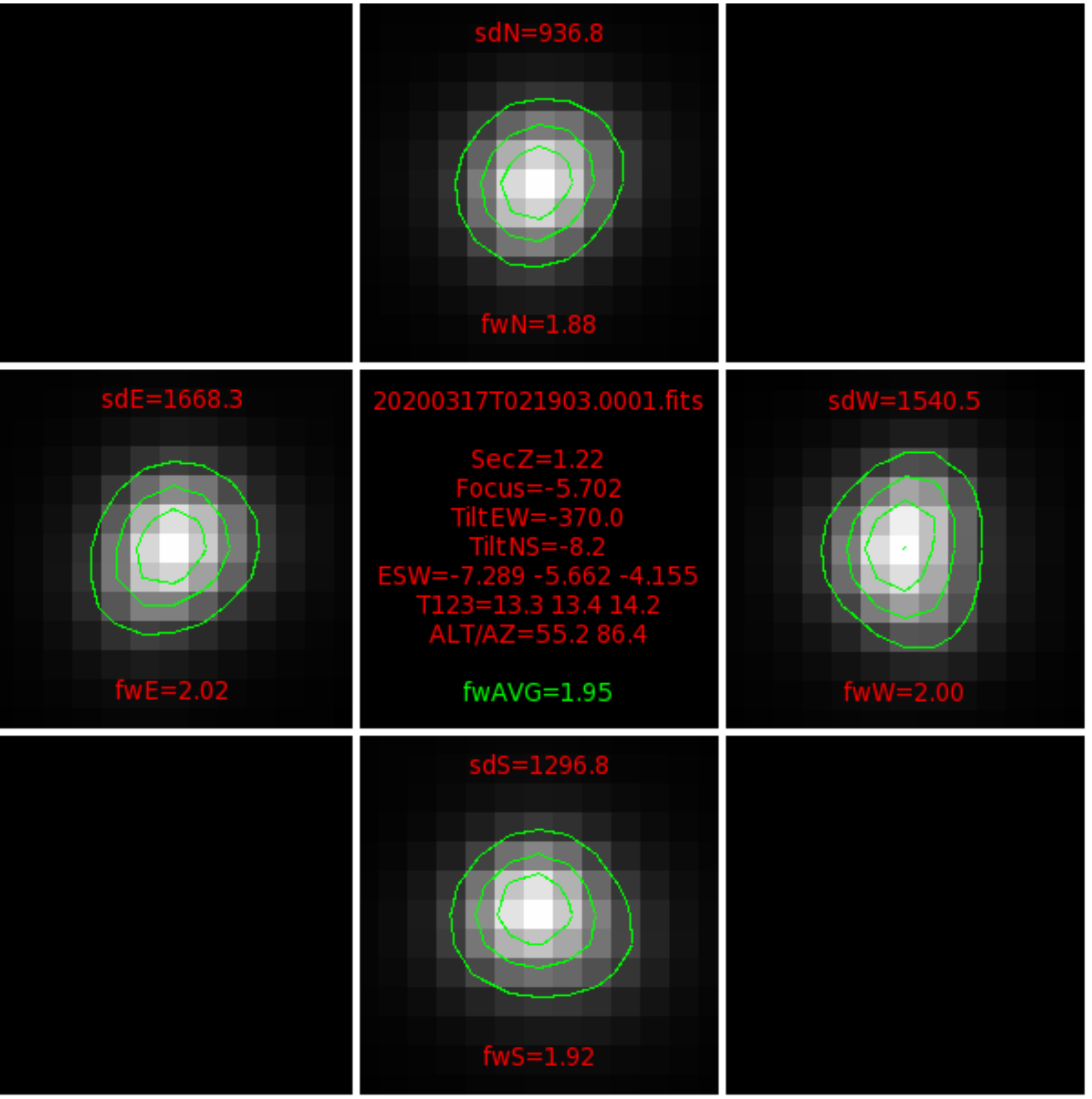
sdN=936.8
fwN=1.88
sdE=1668.3
fwE=2.02
20200317T021903.0001.fits
SecZ=1.22
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.3 13.4 14.2
ALT/AZ=55.2 86.4
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sdW=1540.5
fwW=2.00
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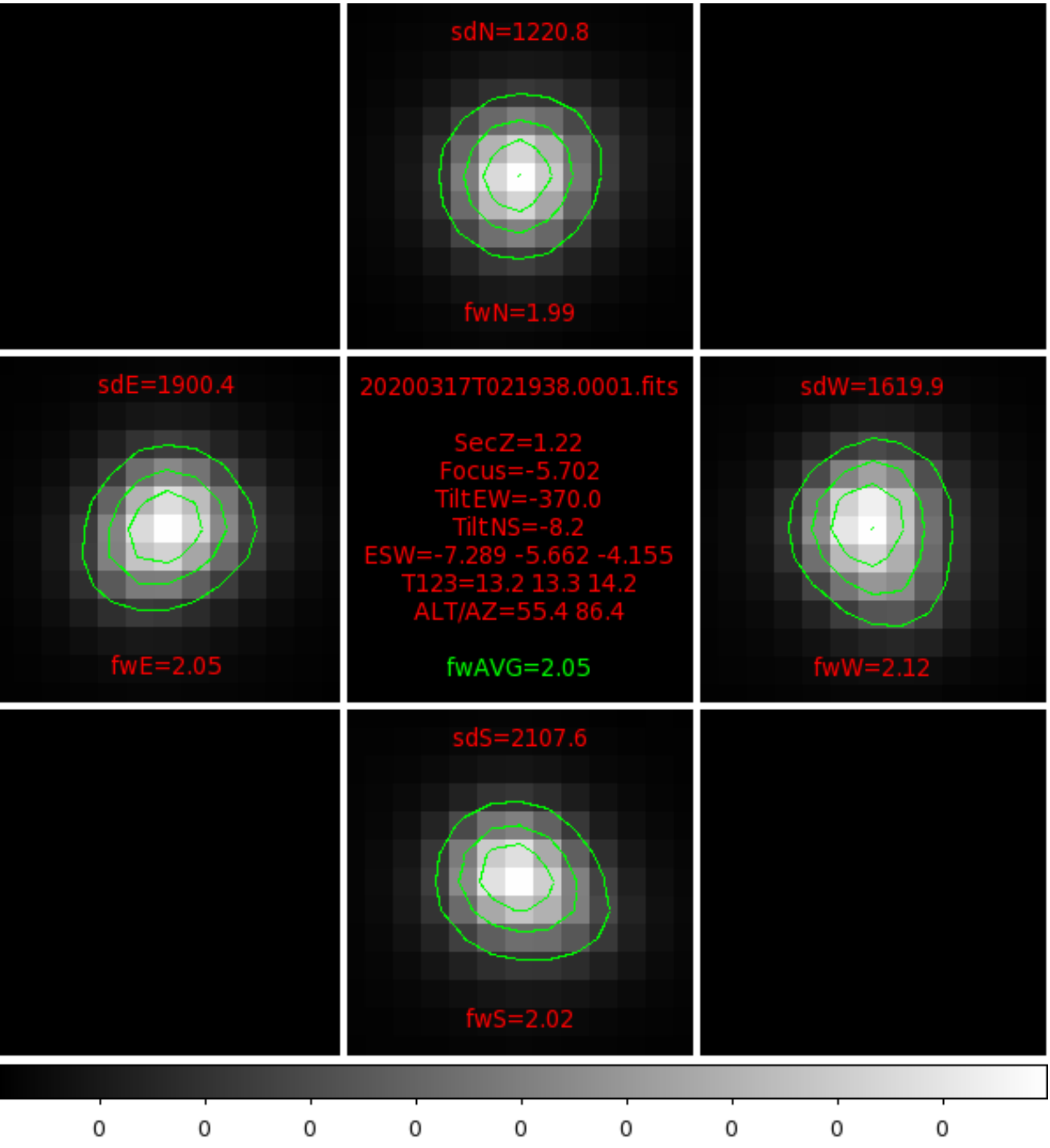
sdN=1220.8
fwN=1.99
sdE=1900.4
fwE=2.05
20200317T021938.0001.fits
SecZ=1.22
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.2 13.3 14.2
ALT/AZ=55.4 86.4
fwAVG=2.05
sdW=1619.9
fwW=2.12
sdS=2107.6
fwS=2.02
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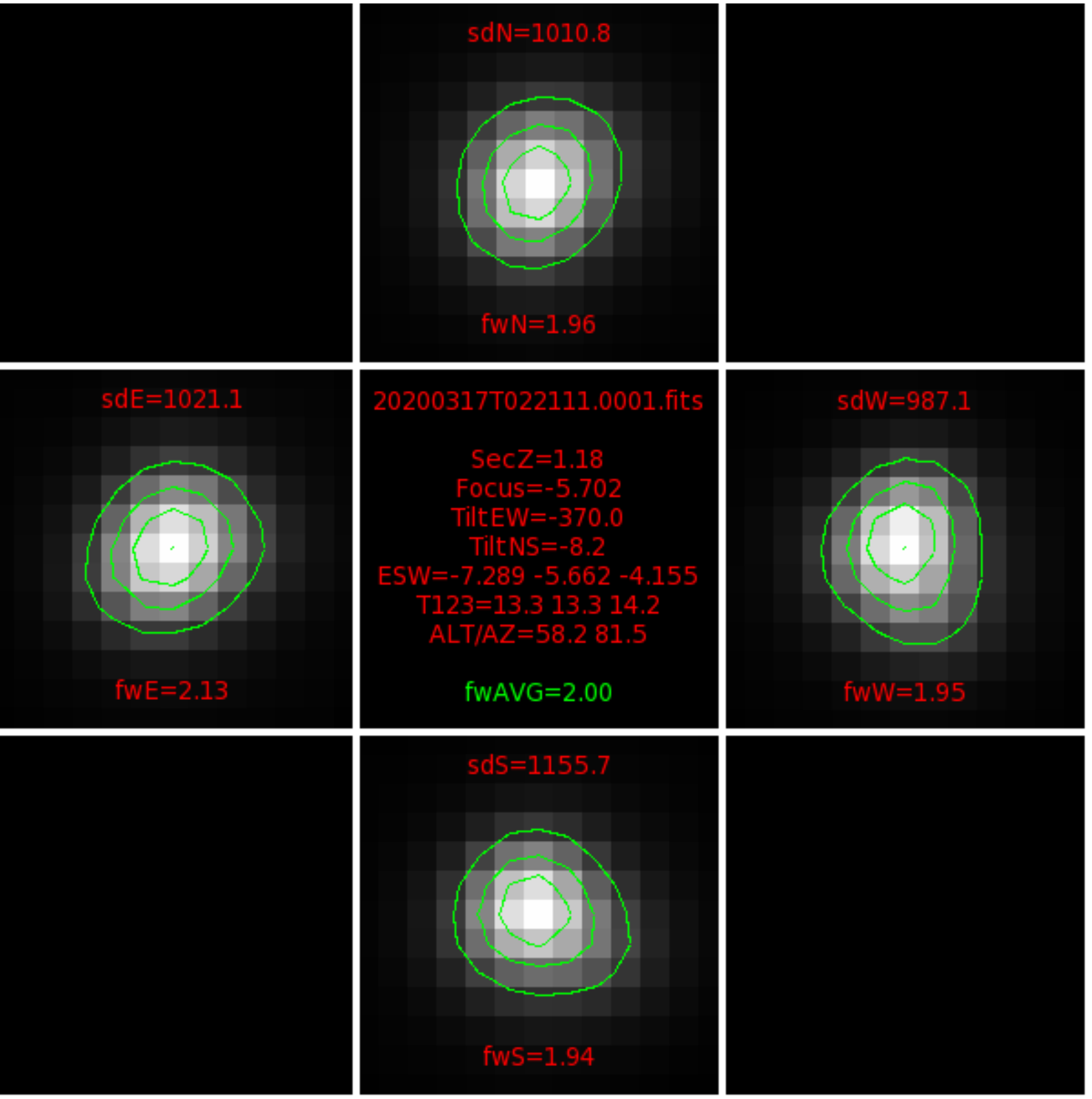
sdN=1010.8
fwN=1.96
sdE=1021.1
fwE=2.13
20200317T022111.0001.fits
SecZ=1.18
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.3 13.3 14.2
ALT/AZ=58.2 81.5
fwAVG=2.00
sdW=987.1
fwW=1.95
sdS=1155.7
fwS=1.94
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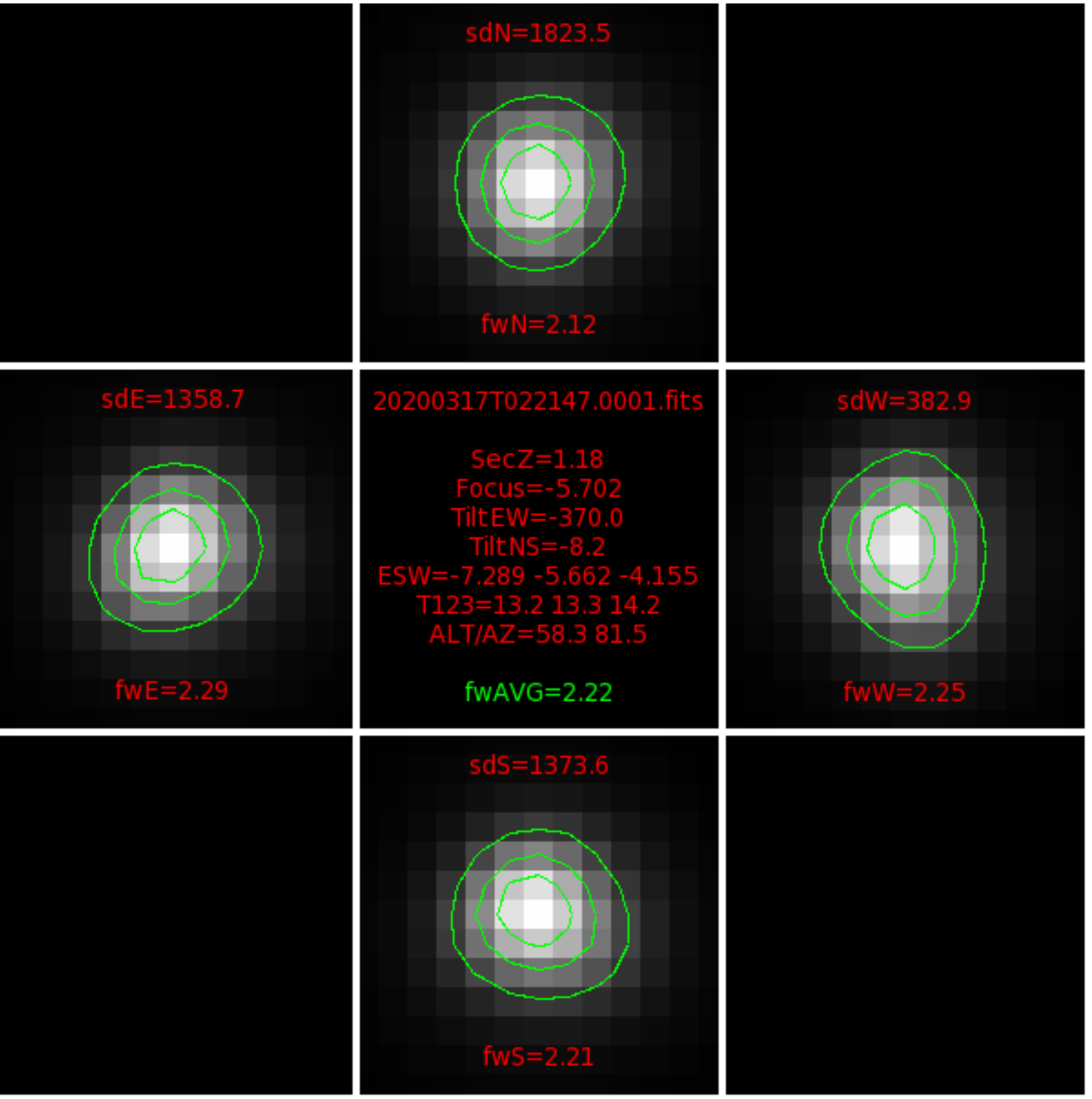
sdN=1823.5
fwN=2.12
sdE=1358.7
fwE=2.29
20200317T022147.0001.fits
SecZ=1.18
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.2 13.3 14.2
ALT/AZ=58.3 81.5
fwAVG=2.22
sdW=382.9
fwW=2.25
sdS=1373.6
fwS=2.21
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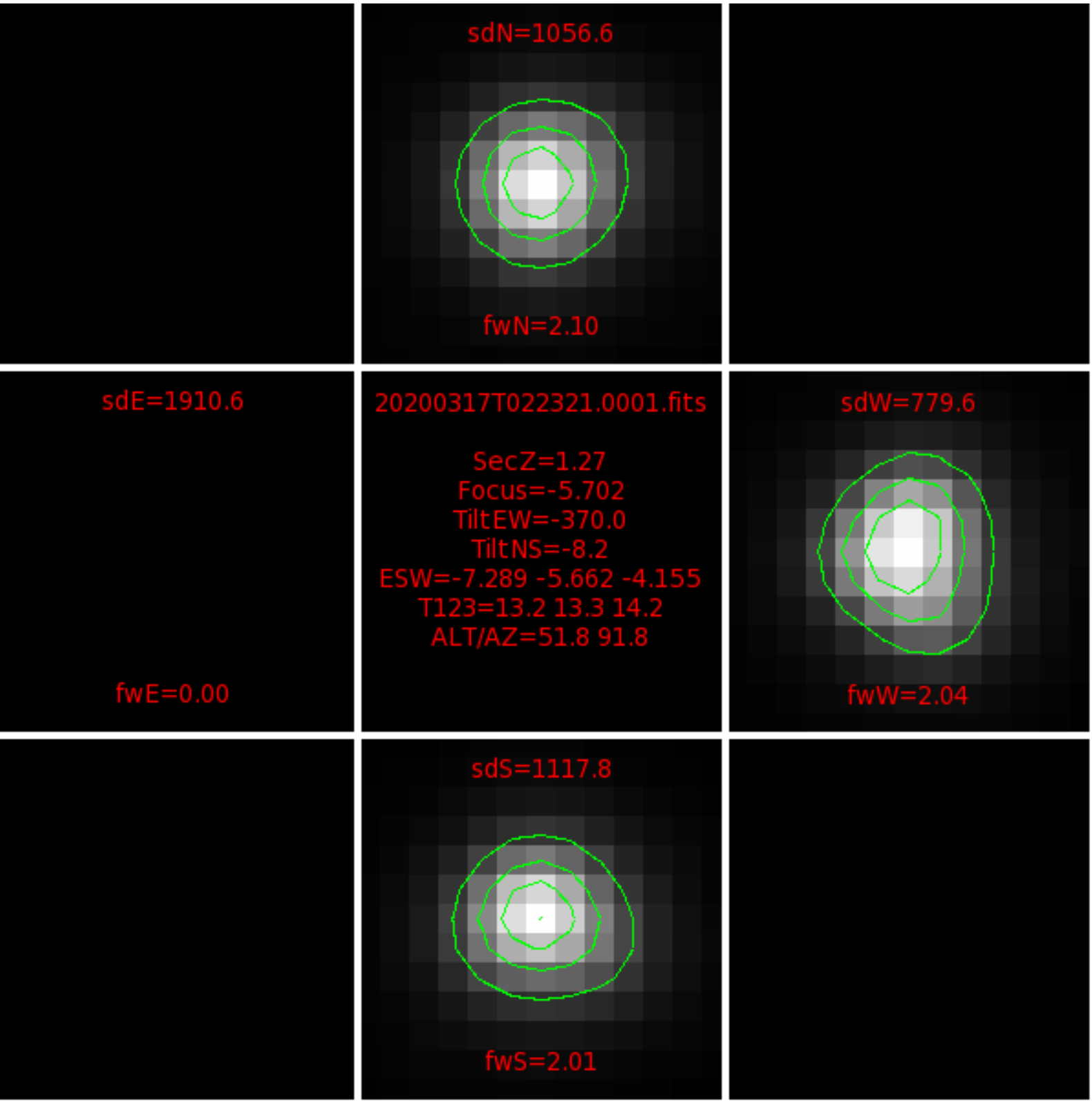
sdN=1056.6
fwN=2.10
sdE=1910.6
fwE=0.00
20200317T022321.0001.fits
SecZ=1.27
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.2 13.3 14.2
ALT/AZ=51.8 91.8
sdW=779.6
fwW=2.04
sdS=1117.8
fwS=2.01
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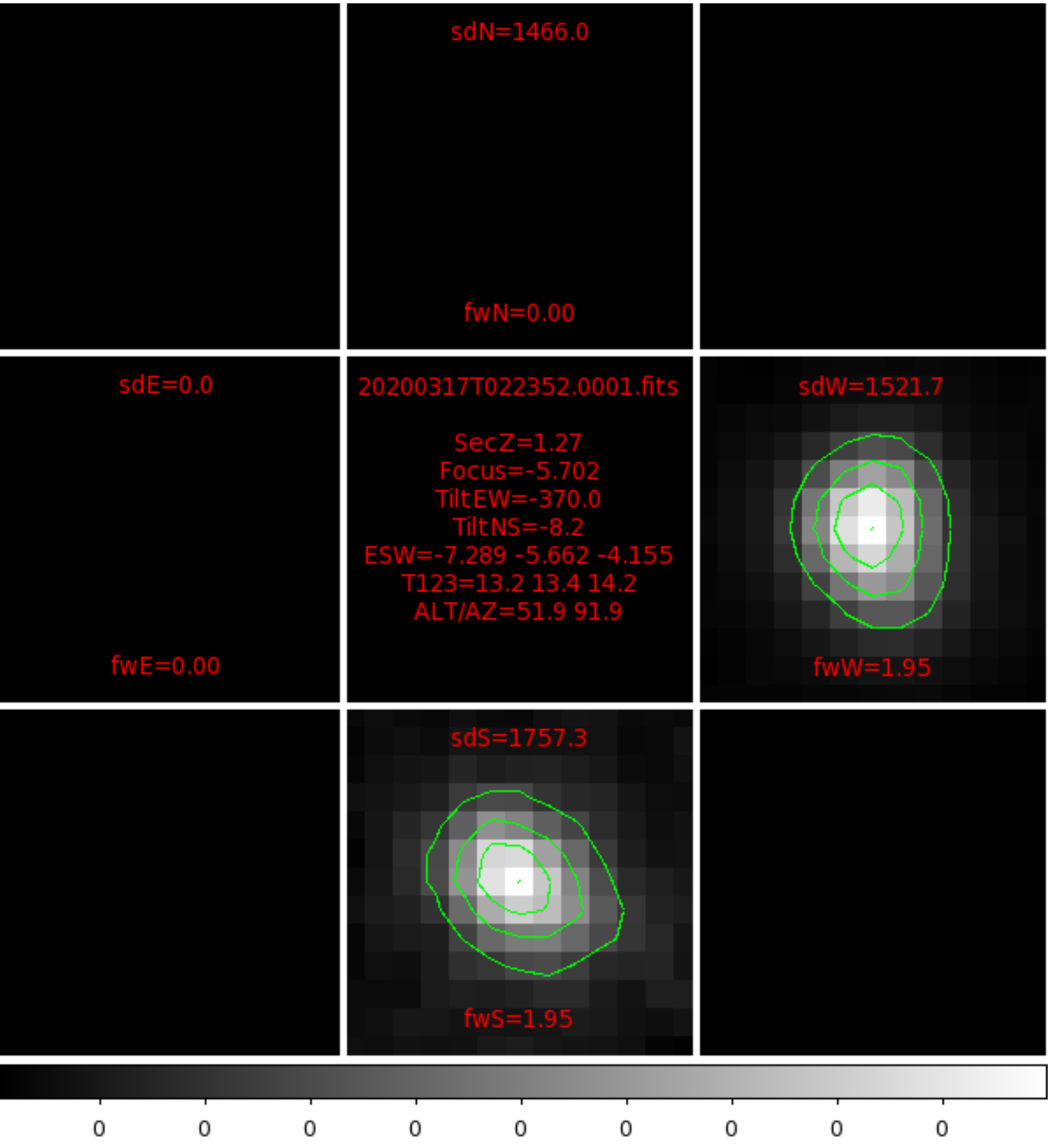
sdN=1466.0
fwN=0.00
sdE=0.0
fwE=0.00
20200317T022352.0001.fits
SecZ=1.27
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.2 13.4 14.2
ALT/AZ=51.9 91.9
sdW=1521.7
fwW=1.95
sdS=1757.3
fwS=1.95
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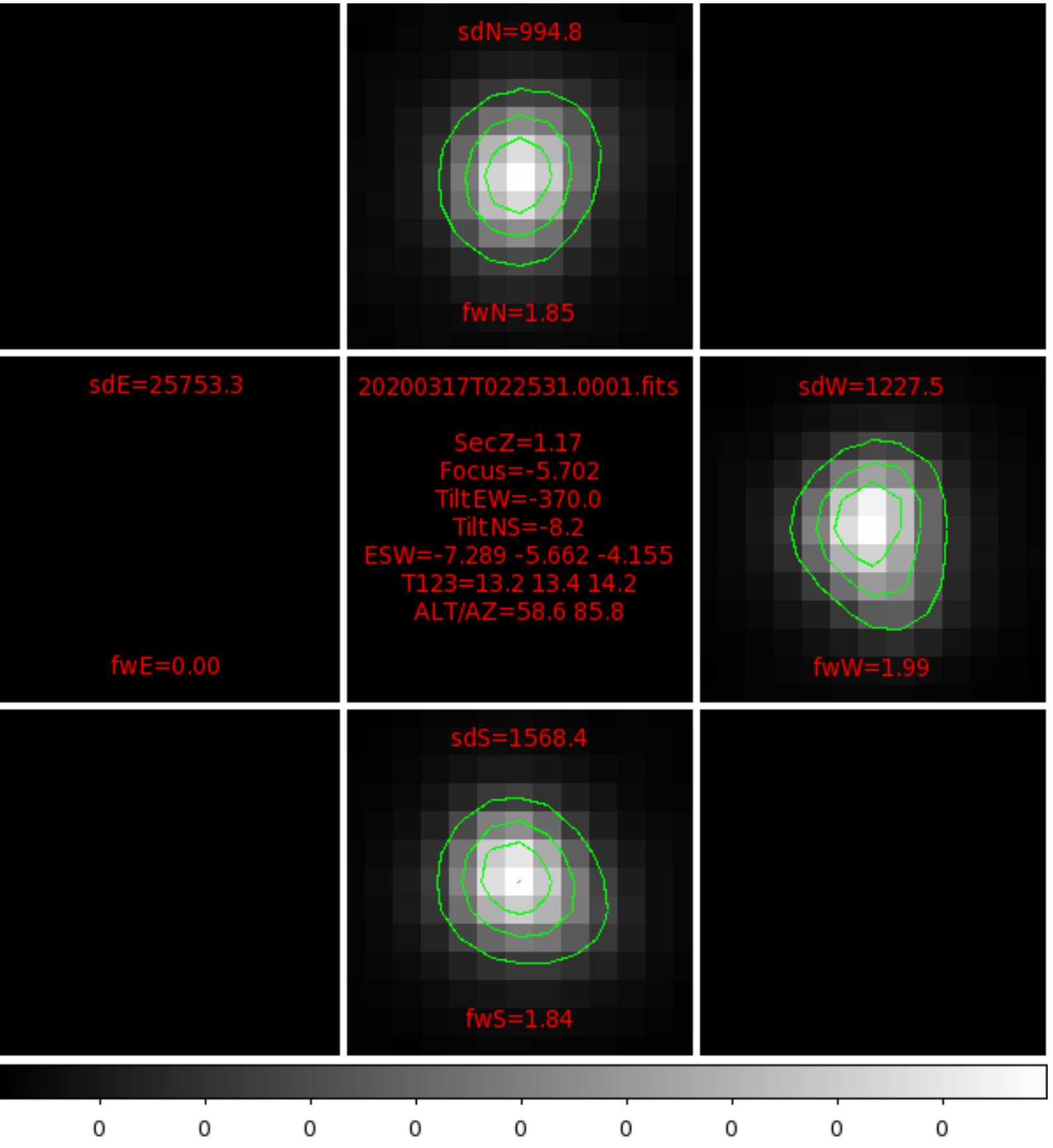
sdN=994.8
fwN=1.85
sdE=25753.3
fwE=0.00
20200317T022531.0001.fits
SecZ=1.17
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.2 13.4 14.2
ALT/AZ=58.6 85.8
sdW=1227.5
fwW=1.99
sdS=1568.4
fwS=1.84
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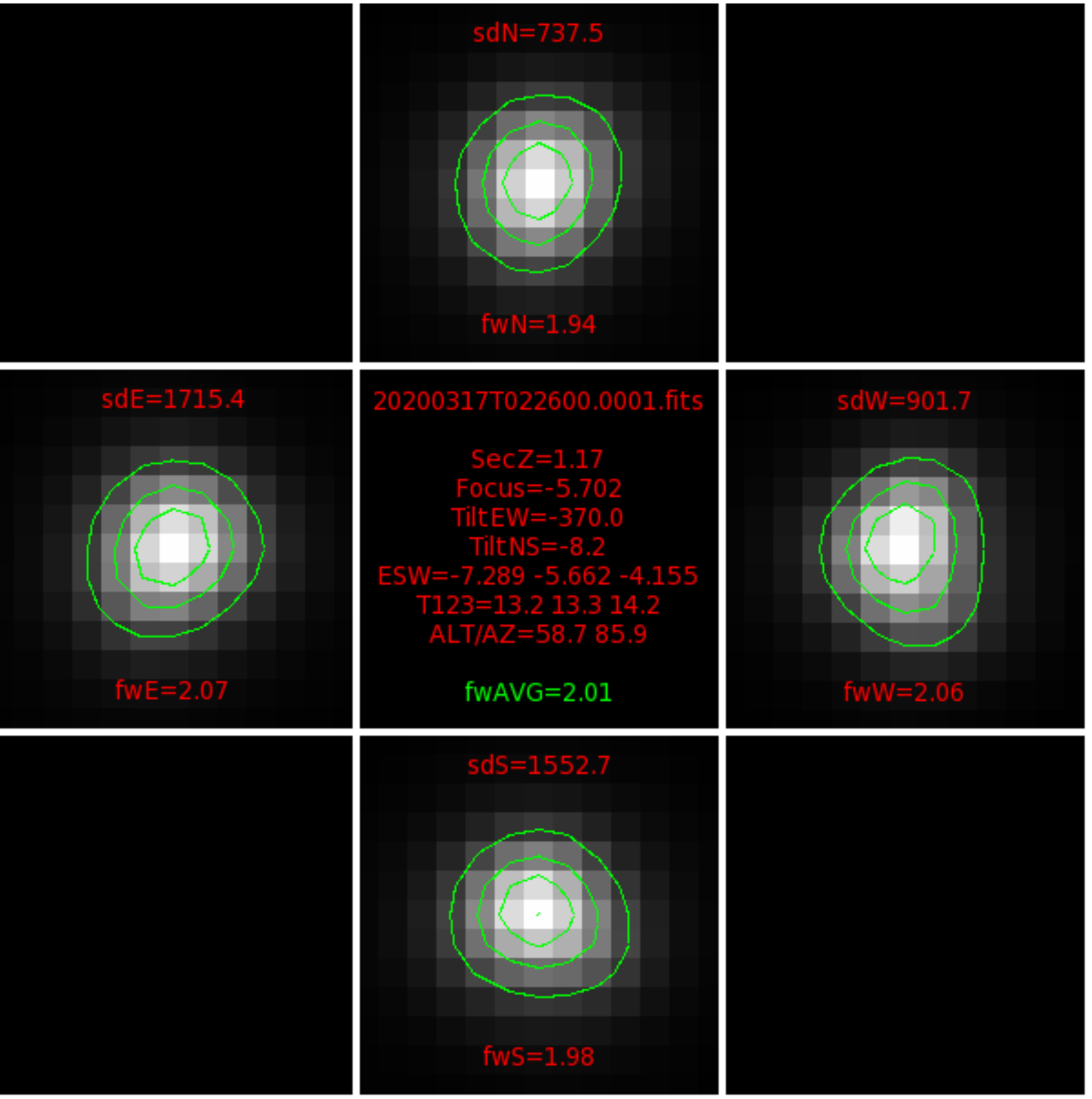
sdN=737.5
fwN=1.94
sdE=1715.4
fwE=2.07
20200317T022600.0001.fits
SecZ=1.17
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.2 13.3 14.2
ALT/AZ=58.7 85.9
fwAVG=2.01
sdW=901.7
fwW=2.06
sdS=1552.7
fwS=1.98
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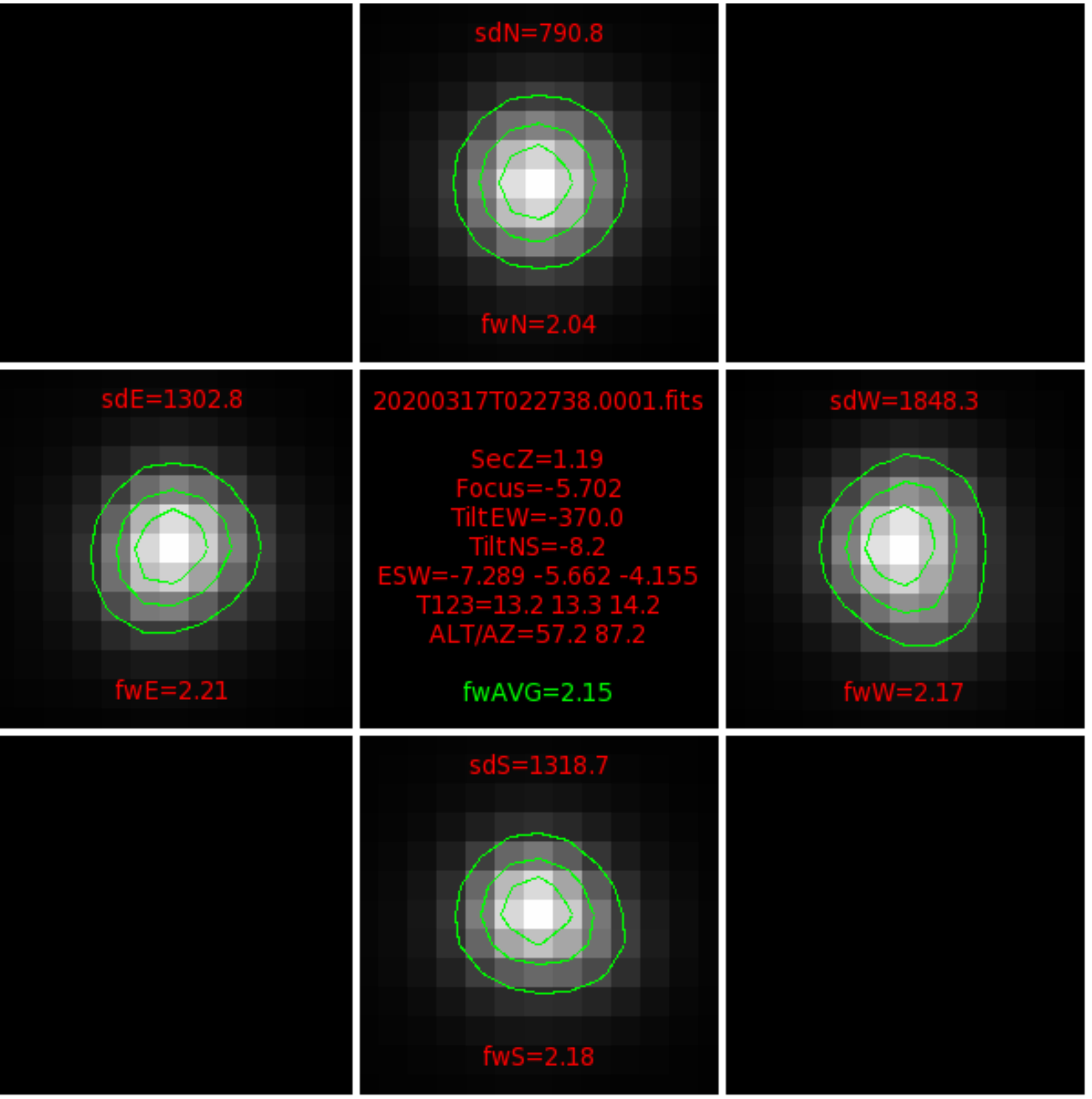
sdN=790.8
fwN=2.04
sdE=1302.8
fwE=2.21
20200317T022738.0001.fits
SecZ=1.19
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.2 13.3 14.2
ALT/AZ=57.2 87.2
fwAVG=2.15
sdW=1848.3
fwW=2.17
sdS=1318.7
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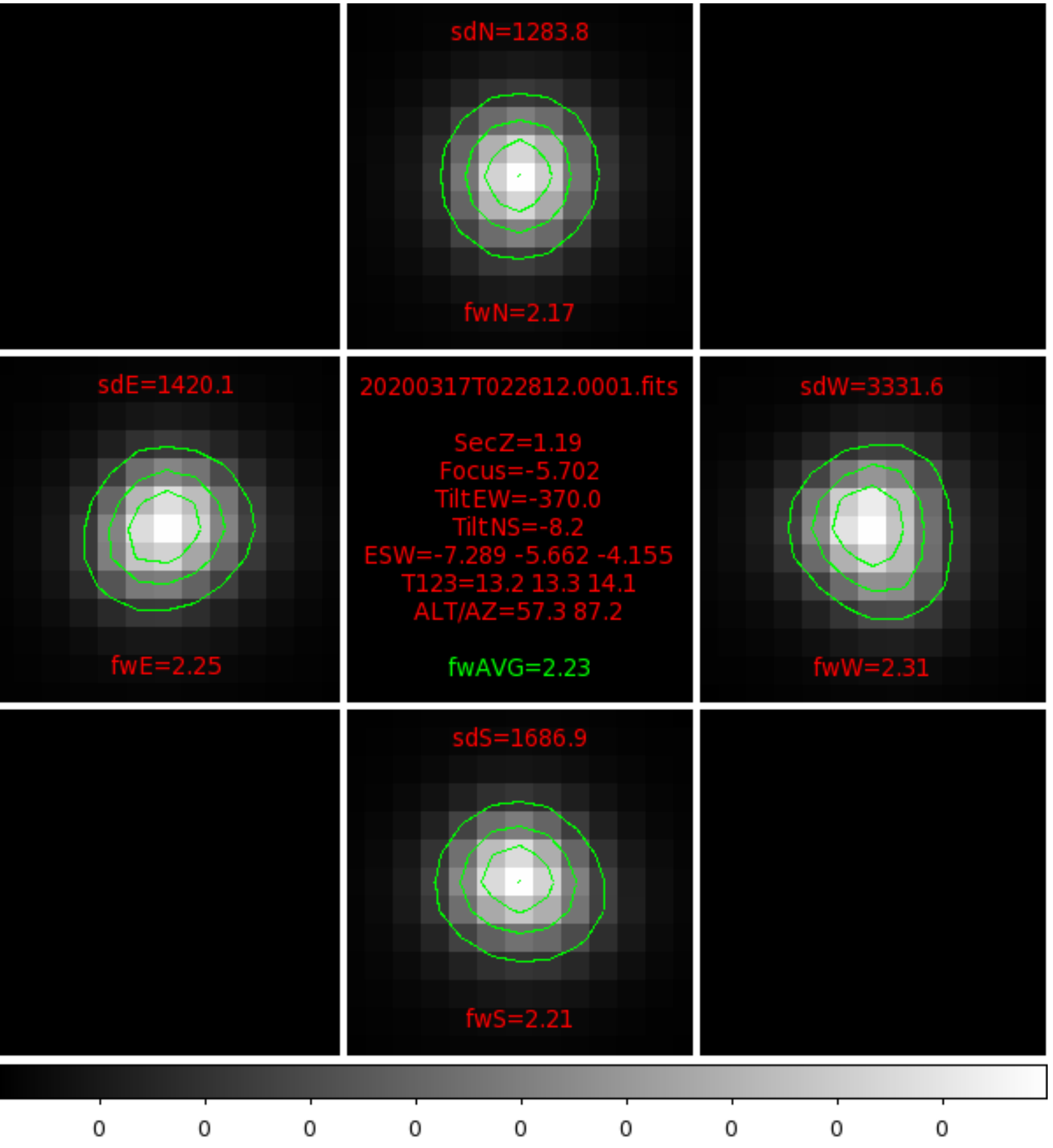
sdN=1283.8
fwN=2.17
sdE=1420.1
fwE=2.25
20200317T022812.0001.fits
SecZ=1.19
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.2 13.3 14.1
ALT/AZ=57.3 87.2
fwAVG=2.23
sdW=3331.6
fwW=2.31
sdS=1686.9
fwS=2.21
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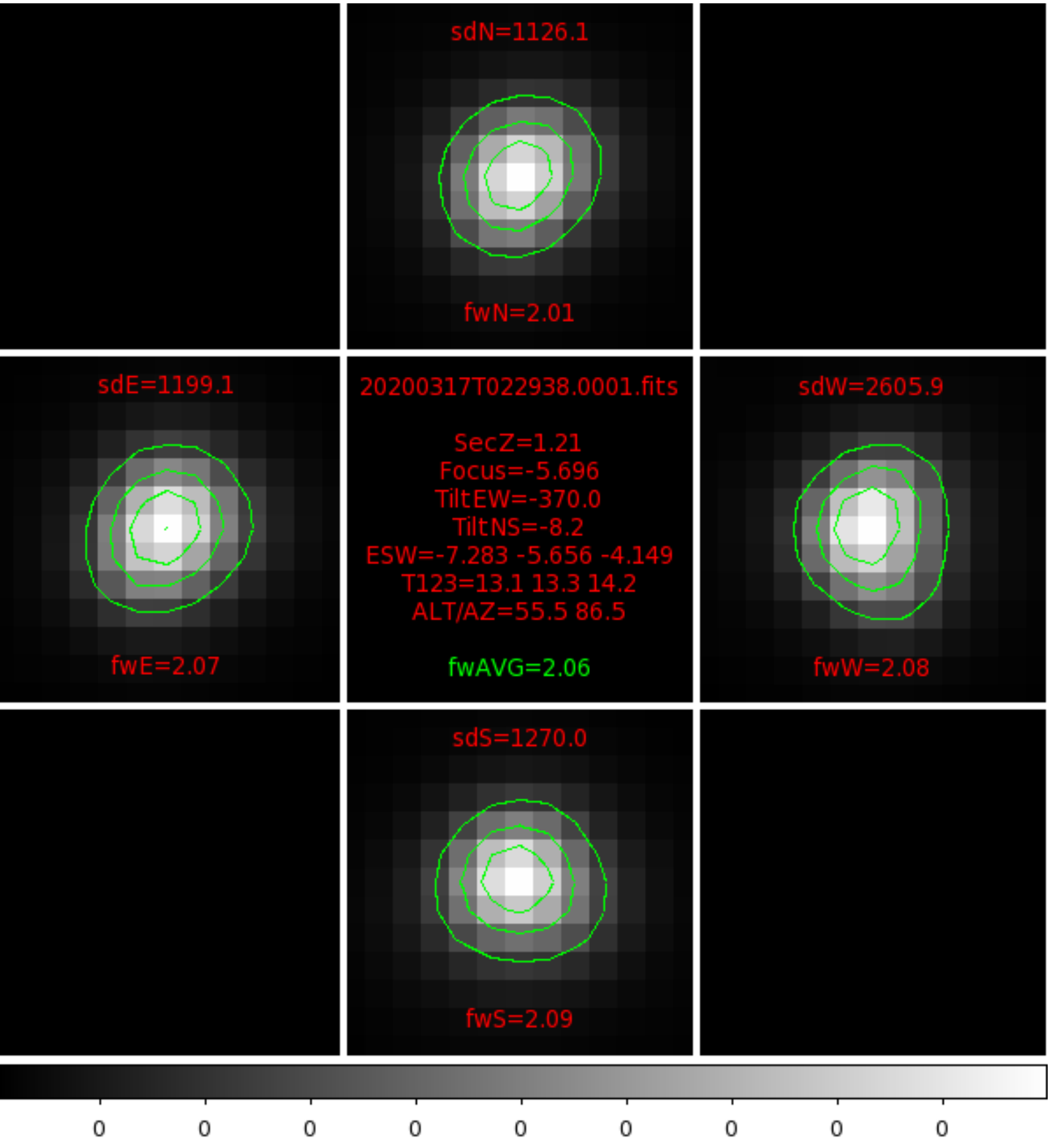
sdN=1126.1
fwN=2.01
sdE=1199.1
fwE=2.07
20200317T022938.0001.fits
SecZ=1.21
Focus=-5.696
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.283 -5.656 -4.149
T123=13.1 13.3 14.2
ALT/AZ=55.5 86.5
fwAVG=2.06
sdW=2605.9
fwW=2.08
sdS=1270.0
fwS=2.09
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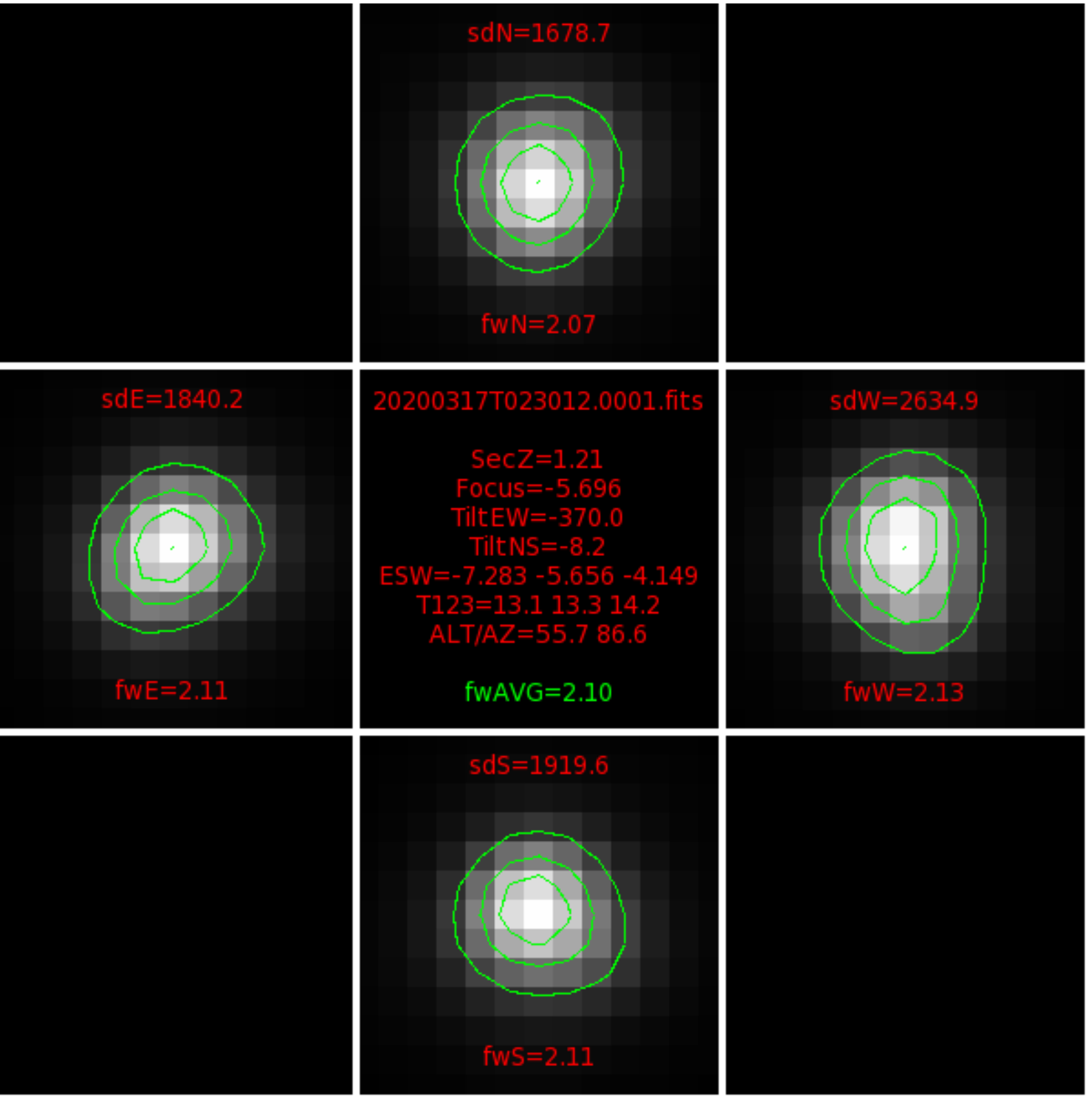
sdN=1678.7
fwN=2.07
sdE=1840.2
fwE=2.11
20200317T023012.0001.fits
SecZ=1.21
Focus=-5.696
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.283 -5.656 -4.149
T123=13.1 13.3 14.2
ALT/AZ=55.7 86.6
fwAVG=2.10
sdW=2634.9
fwW=2.13
sdS=1919.6
fwS=2.11
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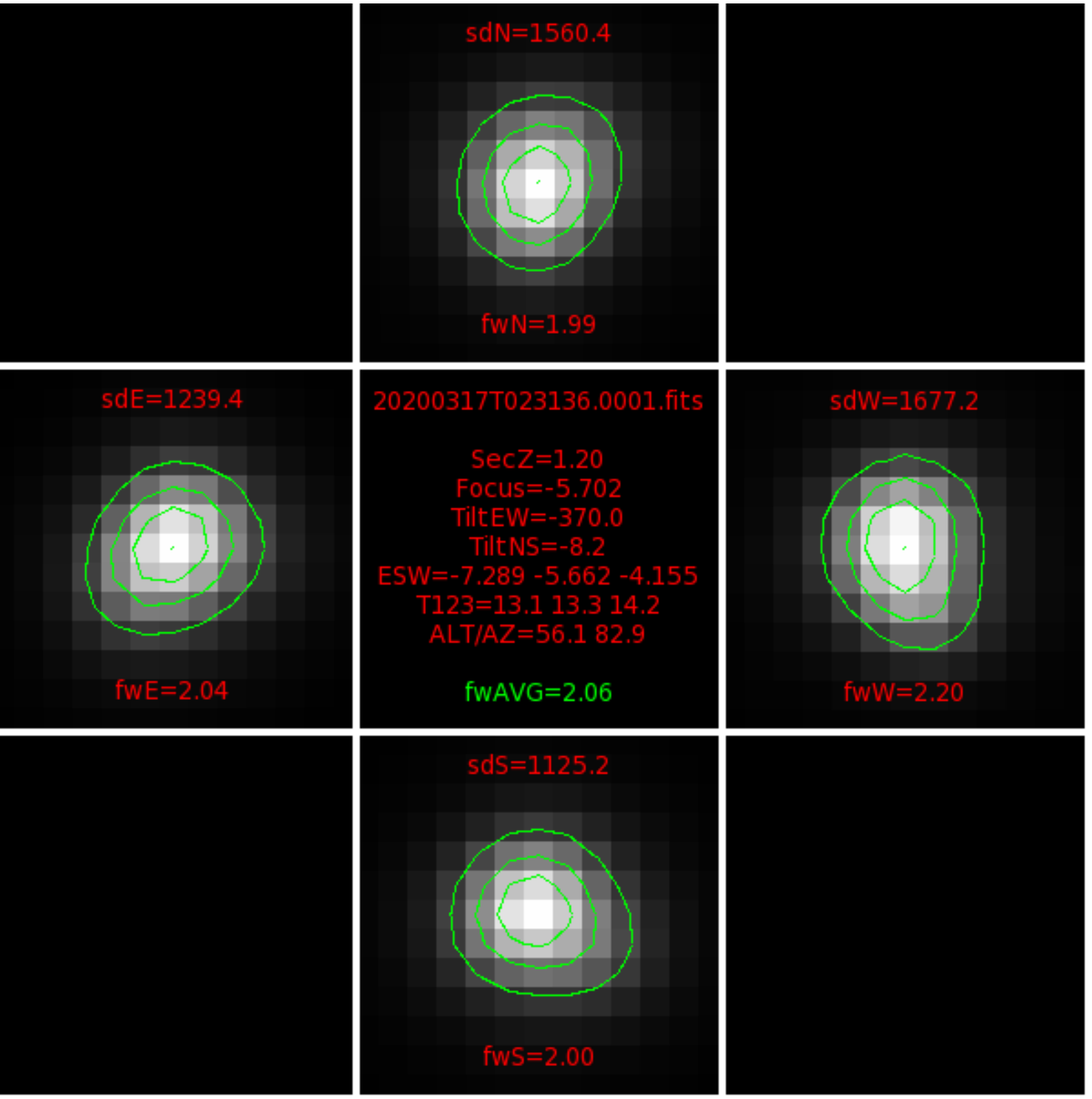
sdN=1560.4
fwN=1.99
sdE=1239.4
fwE=2.04
20200317T023136.0001.fits
SecZ=1.20
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.1 13.3 14.2
ALT/AZ=56.1 82.9
fwAVG=2.06
sdW=1677.2
fwW=2.20
sdS=1125.2
fwS=2.00
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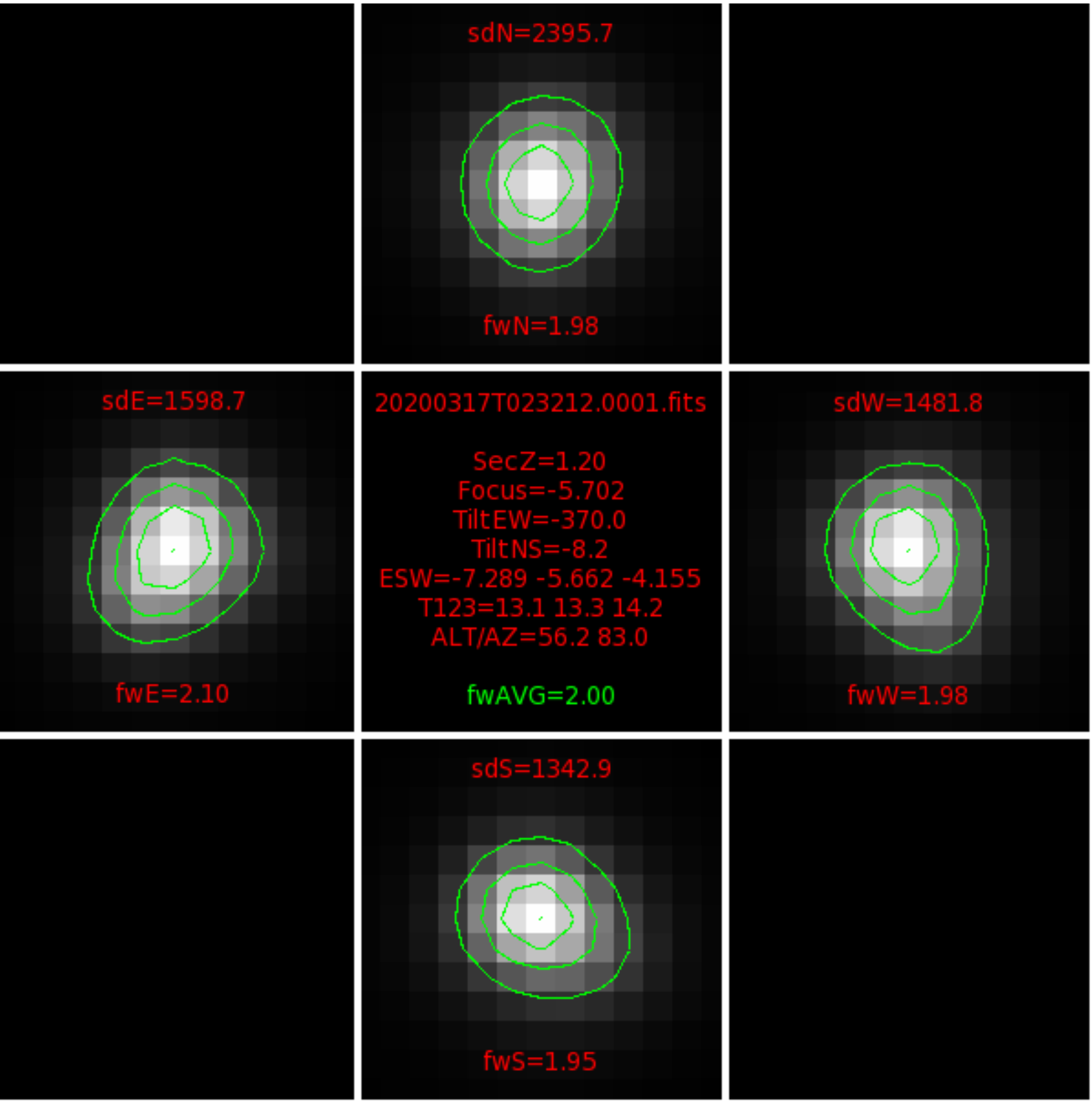
sdN=2395.7
fwN=1.98
sdE=1598.7
fwE=2.10
20200317T023212.0001.fits
SecZ=1.20
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.1 13.3 14.2
ALT/AZ=56.2 83.0
fwAVG=2.00
sdW=1481.8
fwW=1.98
sdS=1342.9
fwS=1.95
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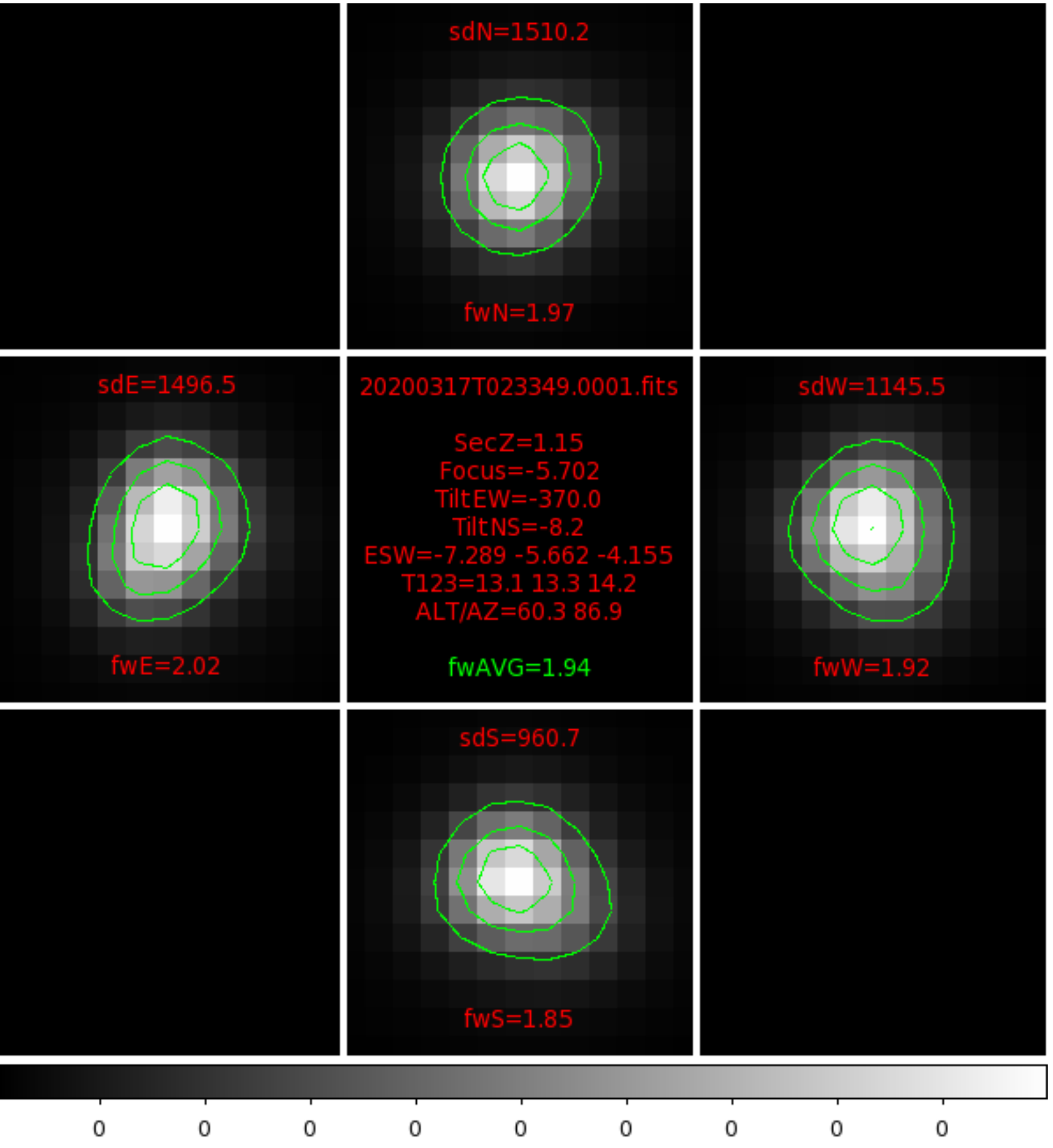
sdN=1510.2
fwN=1.97
sdE=1496.5
fwE=2.02
20200317T023349.0001.fits
SecZ=1.15
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.1 13.3 14.2
ALT/AZ=60.3 86.9
fwAVG=1.94
sdW=1145.5
fwW=1.92
sdS=960.7
fwS=1.85
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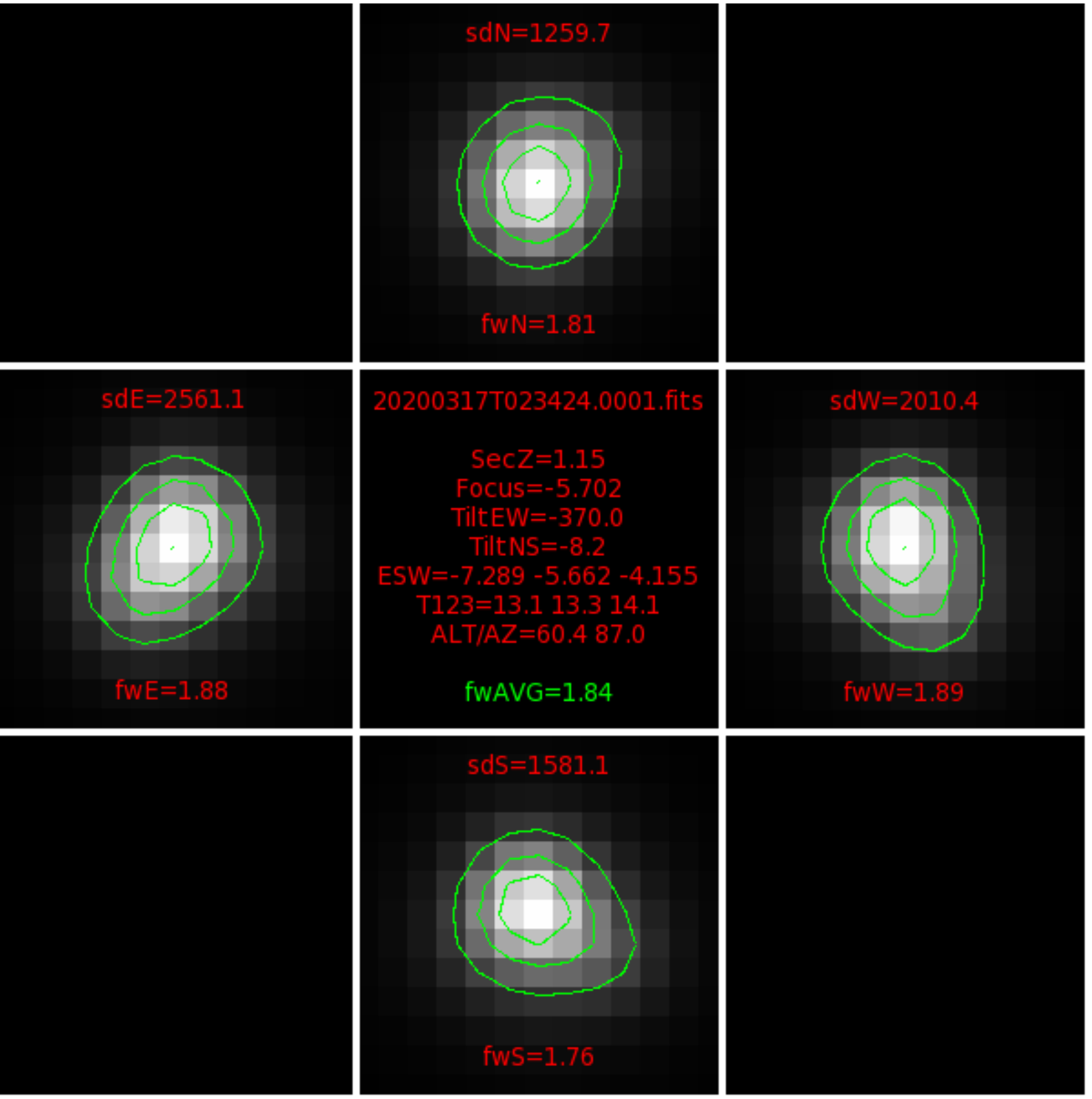
sdN=1259.7
fwN=1.81
sdE=2561.1
fwE=1.88
20200317T023424.0001.fits
SecZ=1.15
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.1 13.3 14.1
ALT/AZ=60.4 87.0
fwAVG=1.84
sdW=2010.4
fwW=1.89
sdS=1581.1
fwS=1.76
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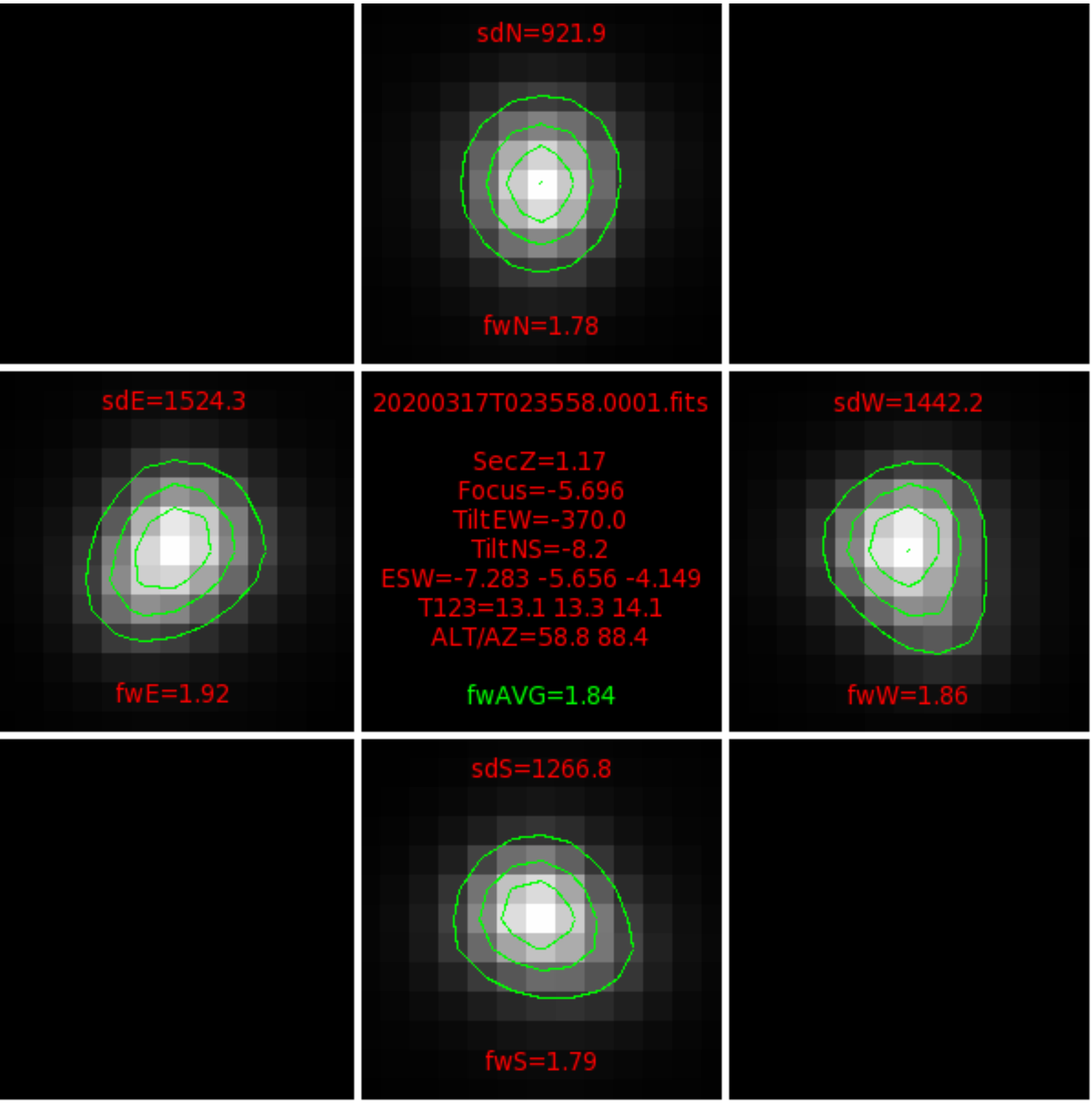
sdN=921.9
fwN=1.78
sdE=1524.3
fwE=1.92
20200317T023558.0001.fits
SecZ=1.17
Focus=-5.696
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.283 -5.656 -4.149
T123=13.1 13.3 14.1
ALT/AZ=58.8 88.4
fwAVG=1.84
sdW=1442.2
fwW=1.86
sdS=1266.8
fwS=1.79
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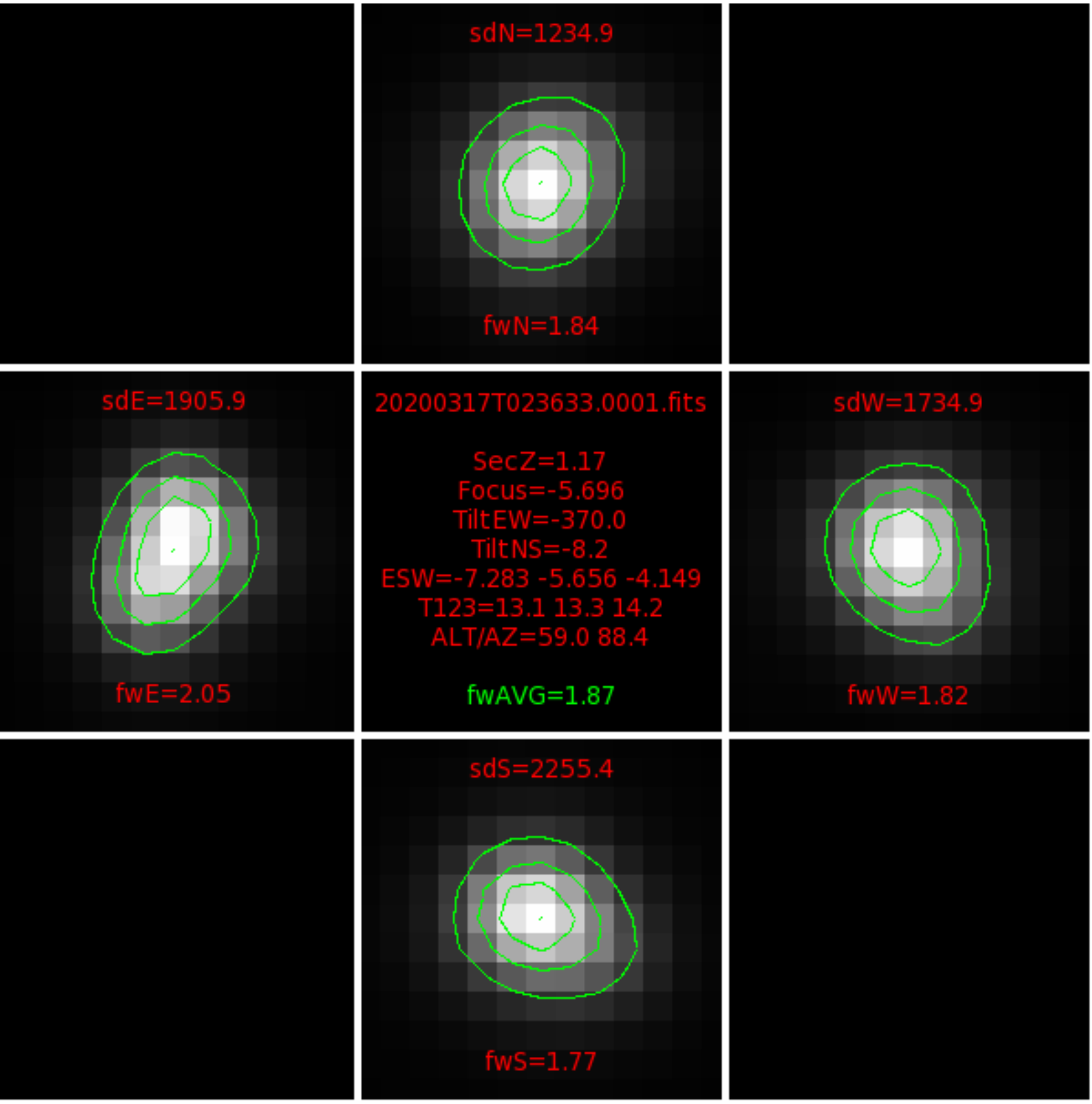
sdN=1234.9
fwN=1.84
sdE=1905.9
fwE=2.05
20200317T023633.0001.fits
SecZ=1.17
Focus=-5.696
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.283 -5.656 -4.149
T123=13.1 13.3 14.2
ALT/AZ=59.0 88.4
fwAVG=1.87
sdW=1734.9
fwW=1.82
sdS=2255.4
fwS=1.77
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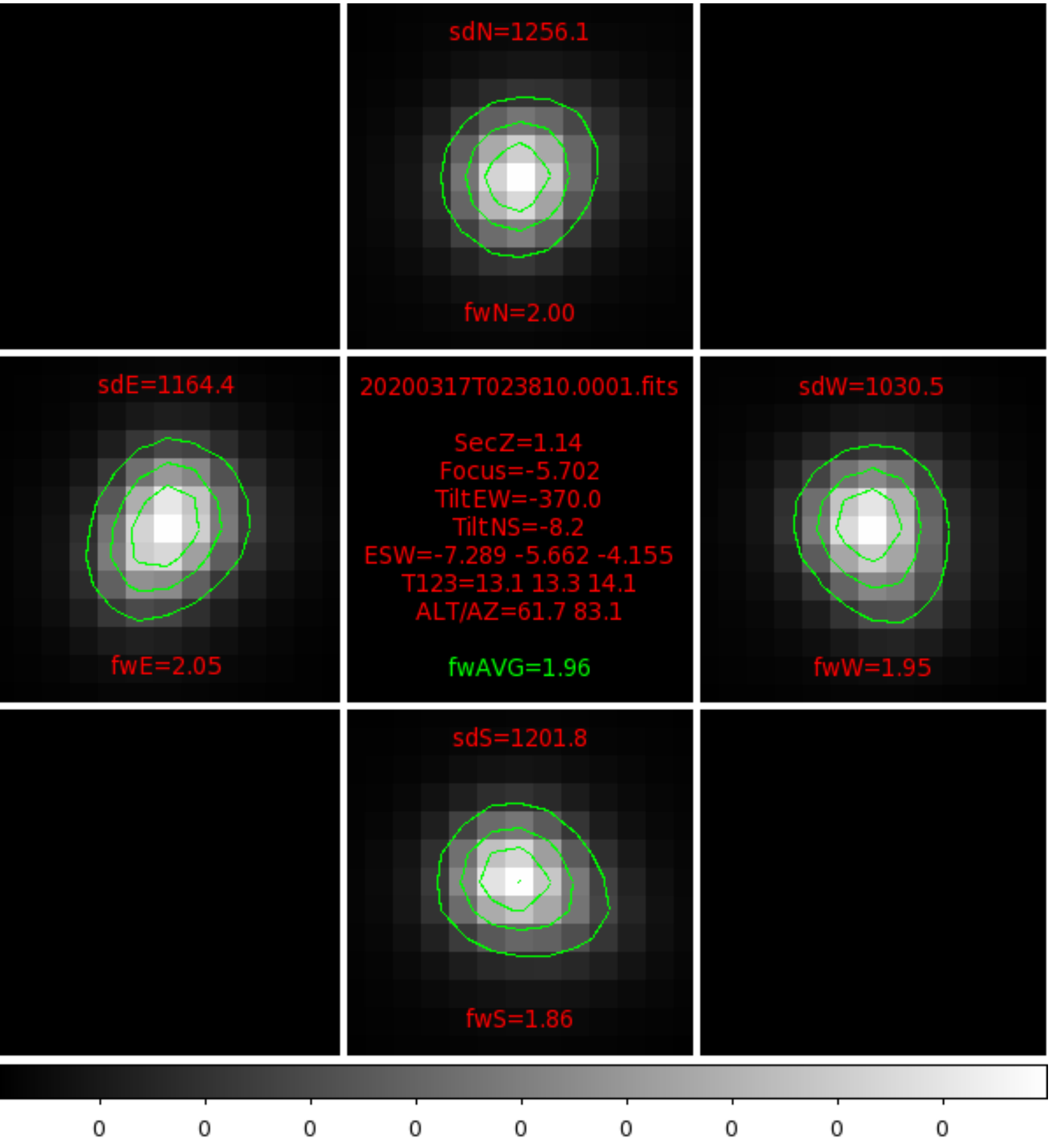
sdN=1256.1
fwN=2.00
sdE=1164.4
fwE=2.05
20200317T023810.0001.fits
SecZ=1.14
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.1 13.3 14.1
ALT/AZ=61.7 83.1
fwAVG=1.96
sdW=1030.5
fwW=1.95
sdS=1201.8
fwS=1.86
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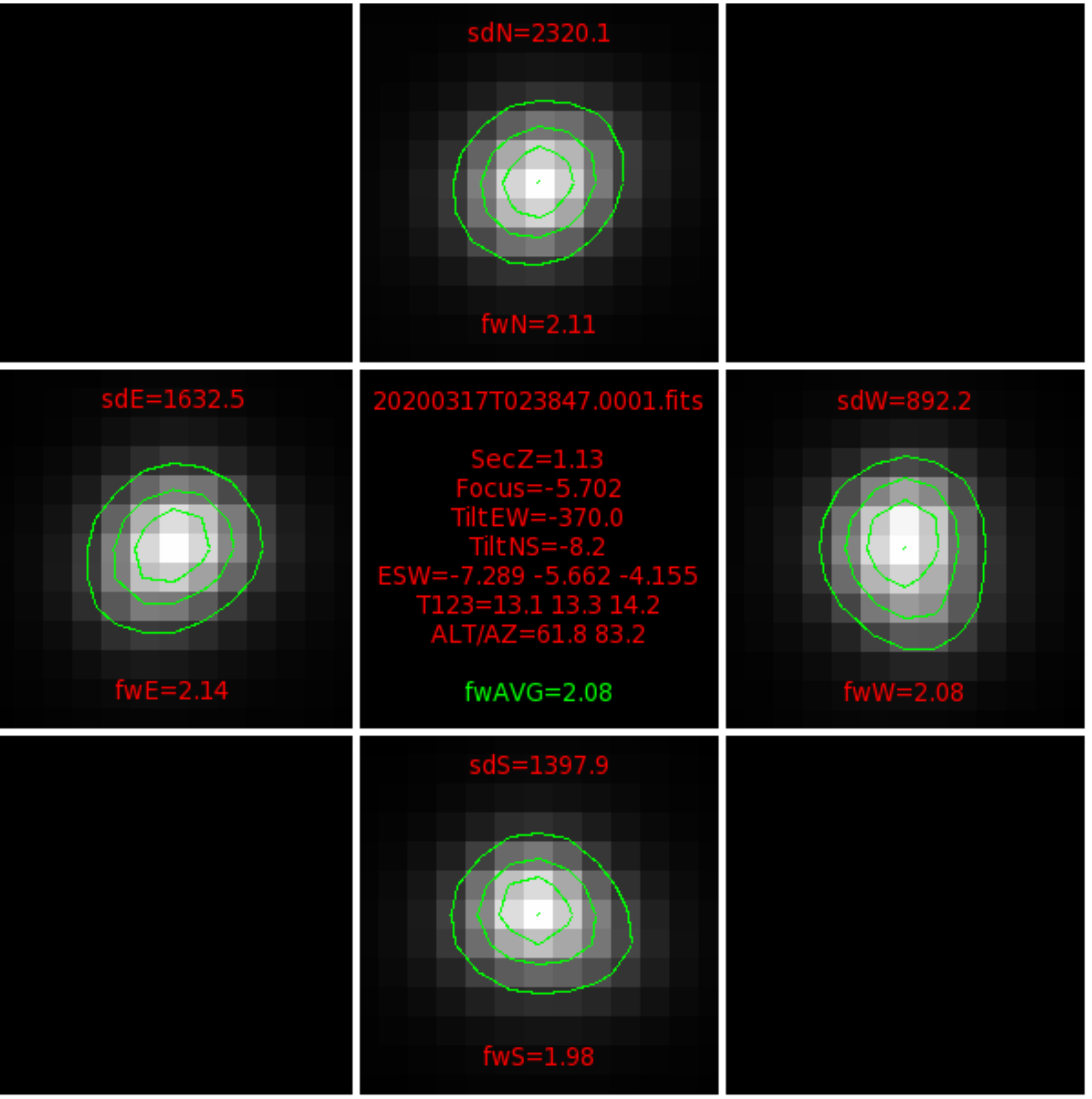
sdN=2320.1
fwN=2.11
sdE=1632.5
fwE=2.14
20200317T023847.0001.fits
SecZ=1.13
Focus=-5.702
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.289 -5.662 -4.155
T123=13.1 13.3 14.2
ALT/AZ=61.8 83.2
fwAVG=2.08
sdW=892.2
fwW=2.08
sdS=1397.9
fwS=1.98
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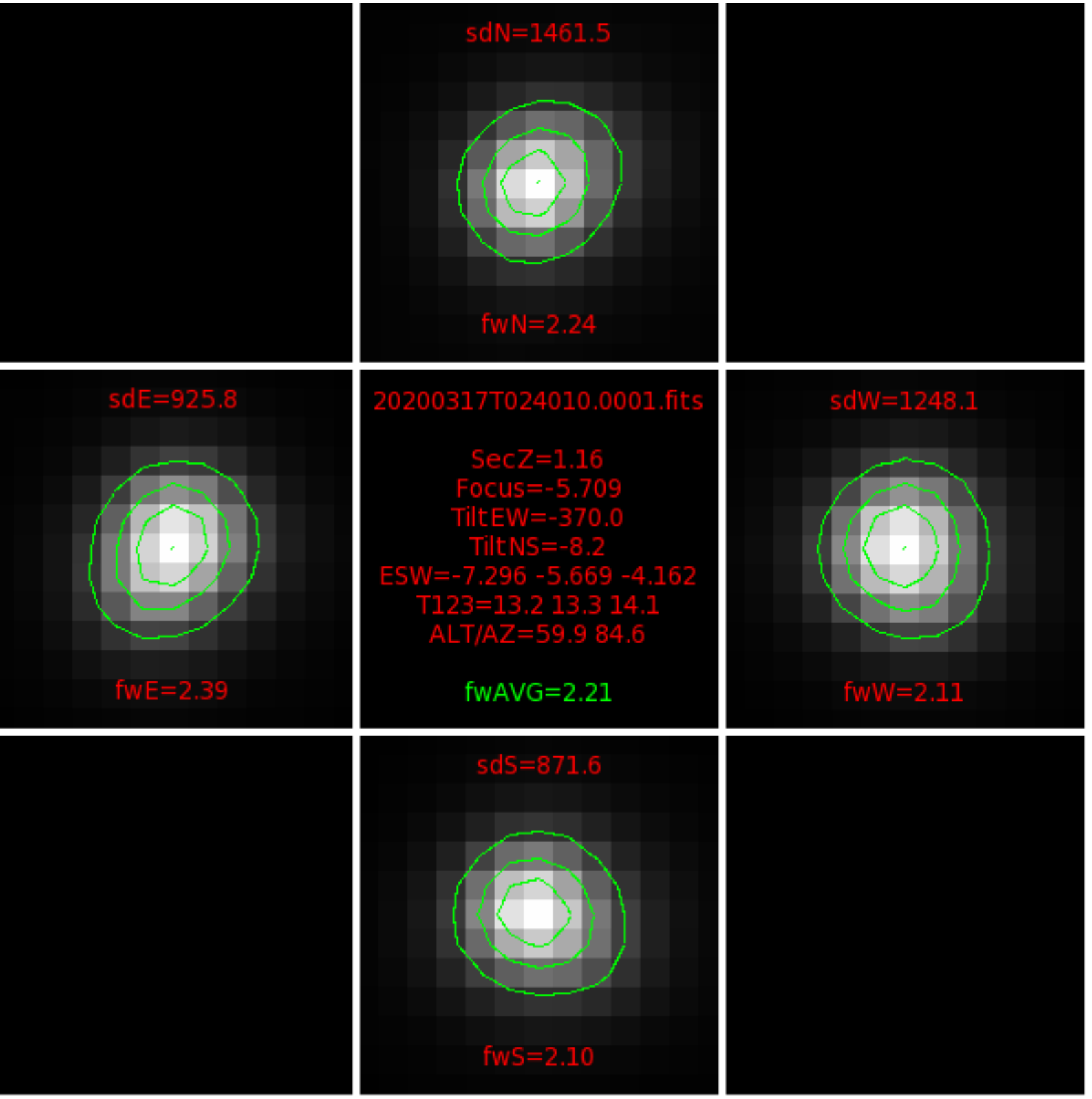
sdN=1461.5
fwN=2.24
sdE=925.8
fwE=2.39
20200317T024010.0001.fits
SecZ=1.16
Focus=-5.709
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.296 -5.669 -4.162
T123=13.2 13.3 14.1
ALT/AZ=59.9 84.6
fwAVG=2.21
sdW=1248.1
fwW=2.11
sdS=871.6
fwS=2.10
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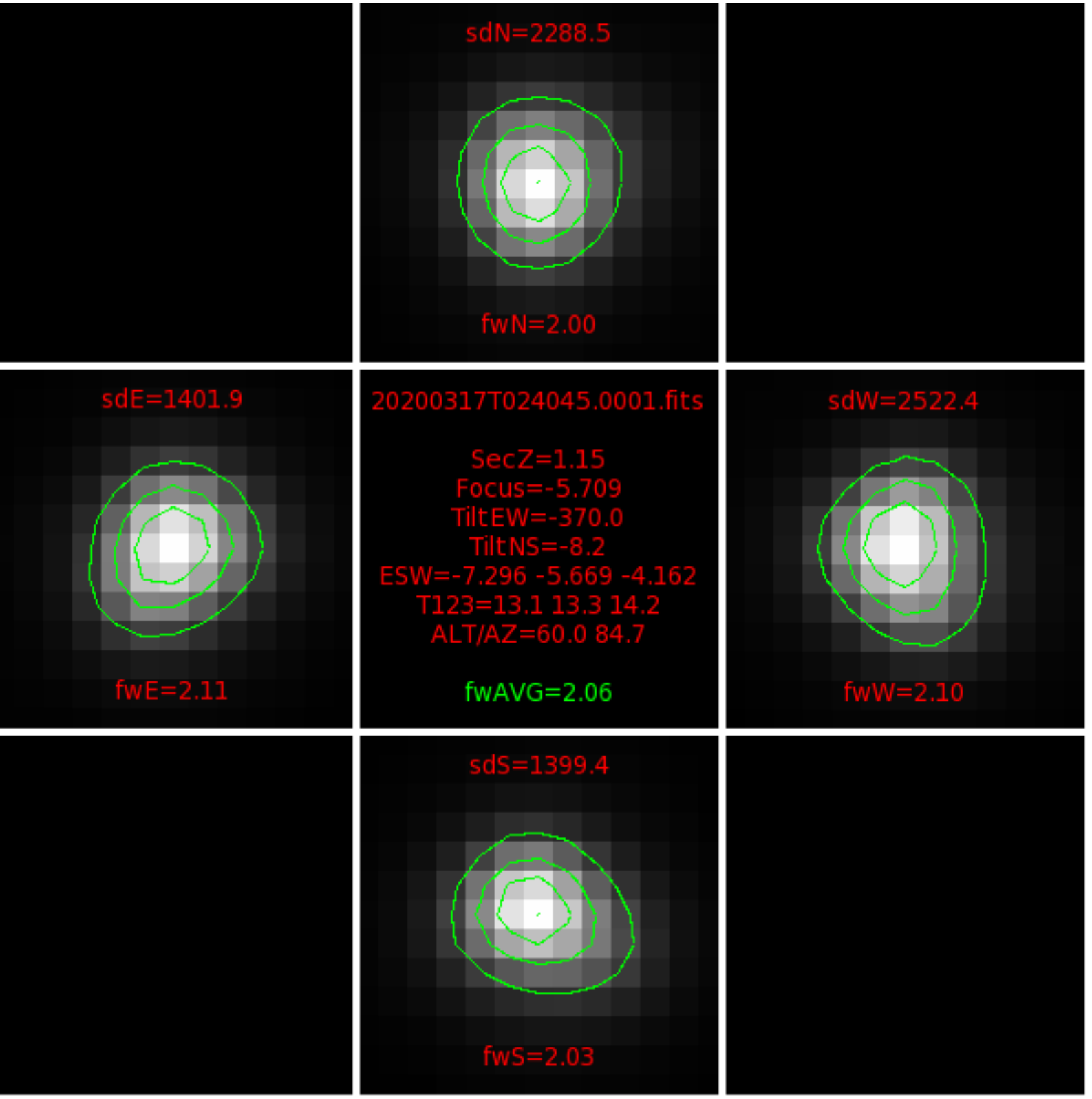
sdN=2288.5
fwN=2.00
sdE=1401.9
fwE=2.11
20200317T024045.0001.fits
SecZ=1.15
Focus=-5.709
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.296 -5.669 -4.162
T123=13.1 13.3 14.2
ALT/AZ=60.0 84.7
fwAVG=2.06
sdW=2522.4
fwW=2.10
sdS=1399.4
fwS=2.03
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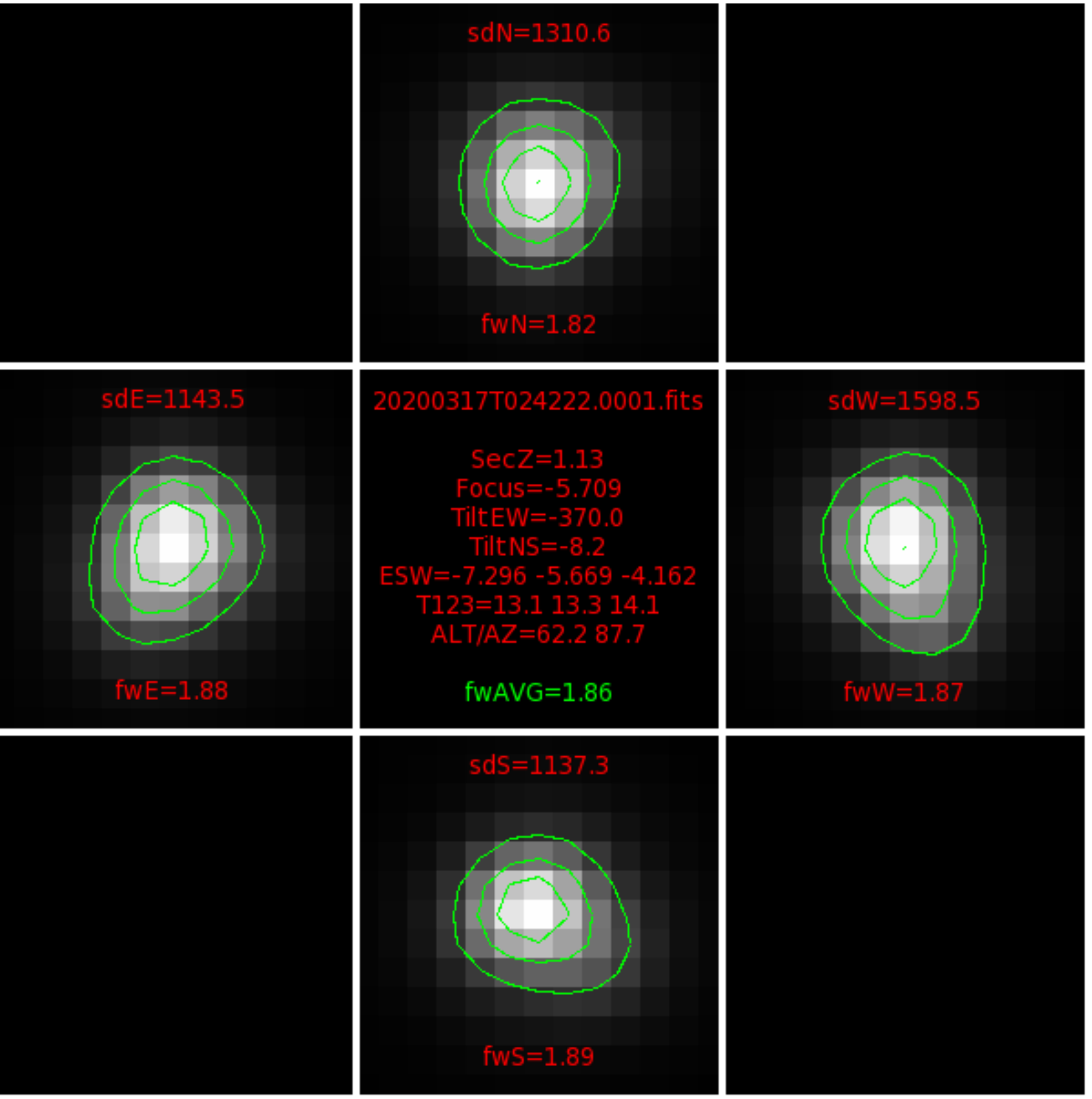
sdN=1310.6
fwN=1.82
sdE=1143.5
fwE=1.88
20200317T024222.0001.fits
SecZ=1.13
Focus=-5.709
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.296 -5.669 -4.162
T123=13.1 13.3 14.1
ALT/AZ=62.2 87.7
fwAVG=1.86
sdW=1598.5
fwW=1.87
sdS=1137.3
fwS=1.89
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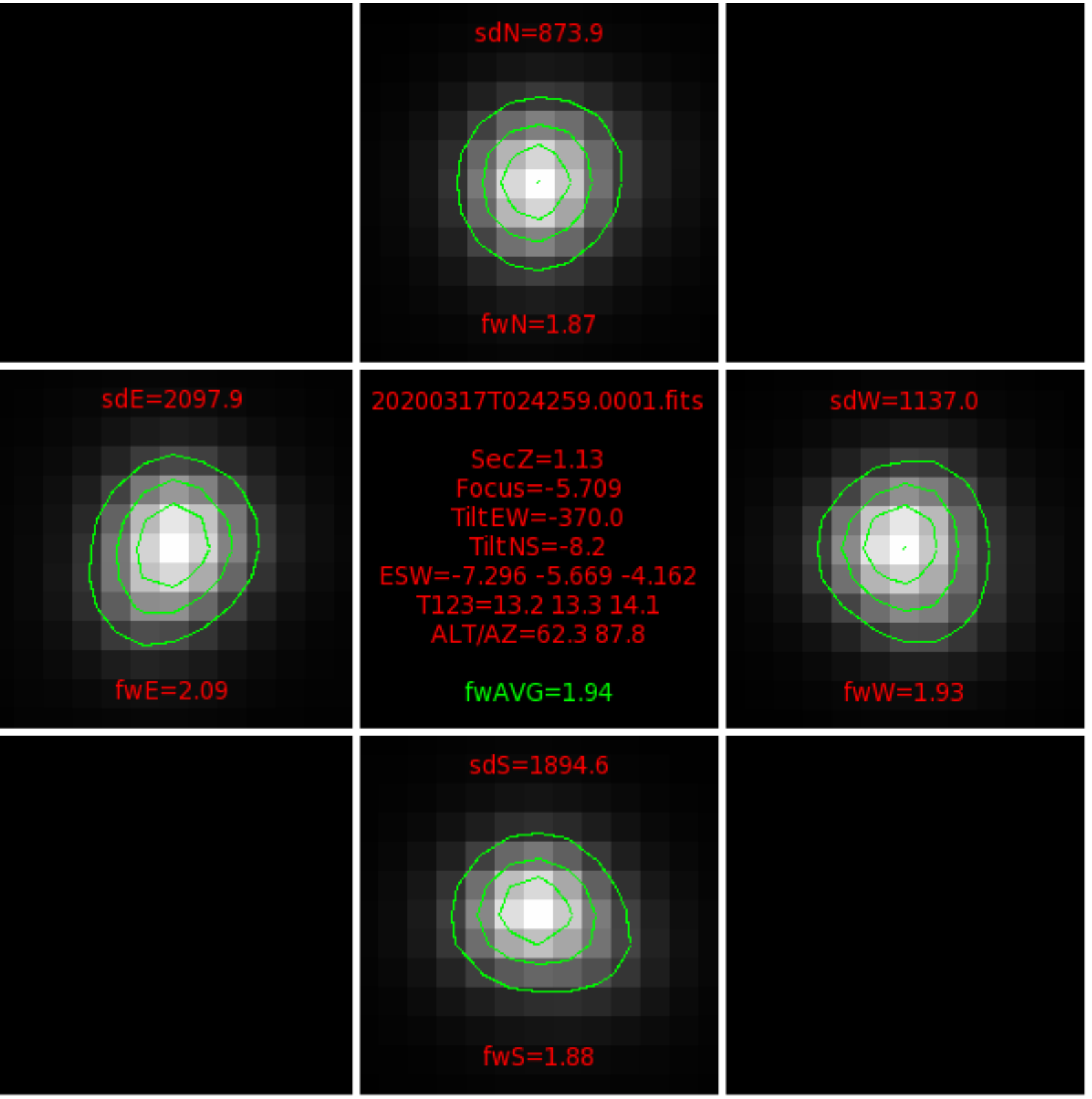
sdN=873.9
fwN=1.87
sdE=2097.9
fwE=2.09
20200317T024259.0001.fits
SecZ=1.13
Focus=-5.709
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.296 -5.669 -4.162
T123=13.2 13.3 14.1
ALT/AZ=62.3 87.8
fwAVG=1.94
sdW=1137.0
fwW=1.93
sdS=1894.6
fwS=1.88
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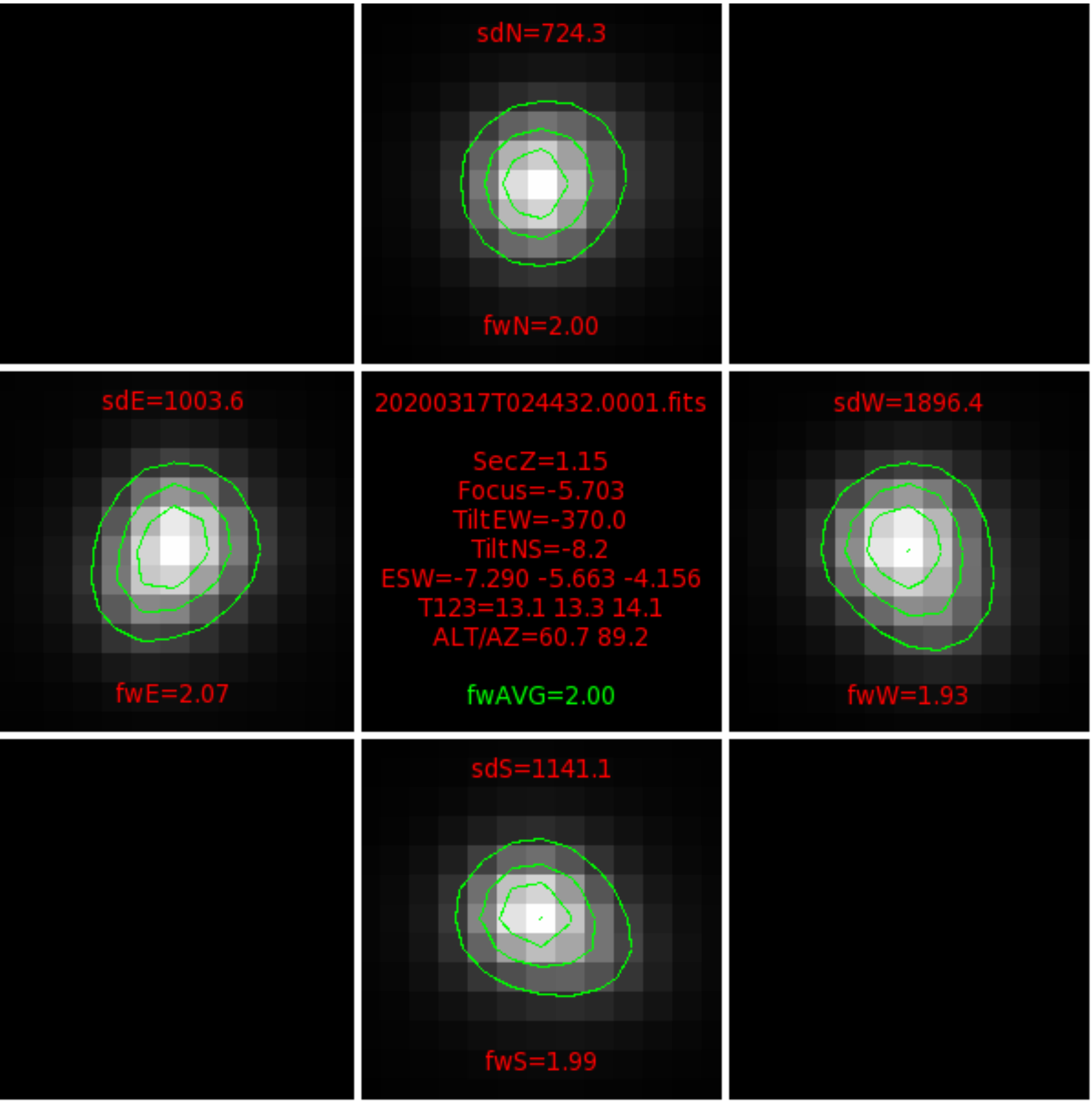
sdN=724.3
fwN=2.00
sdE=1003.6
fwE=2.07
20200317T024432.0001.fits
SecZ=1.15
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.3 14.1
ALT/AZ=60.7 89.2
fwAVG=2.00
sdW=1896.4
fwW=1.93
sdS=1141.1
fwS=1.99
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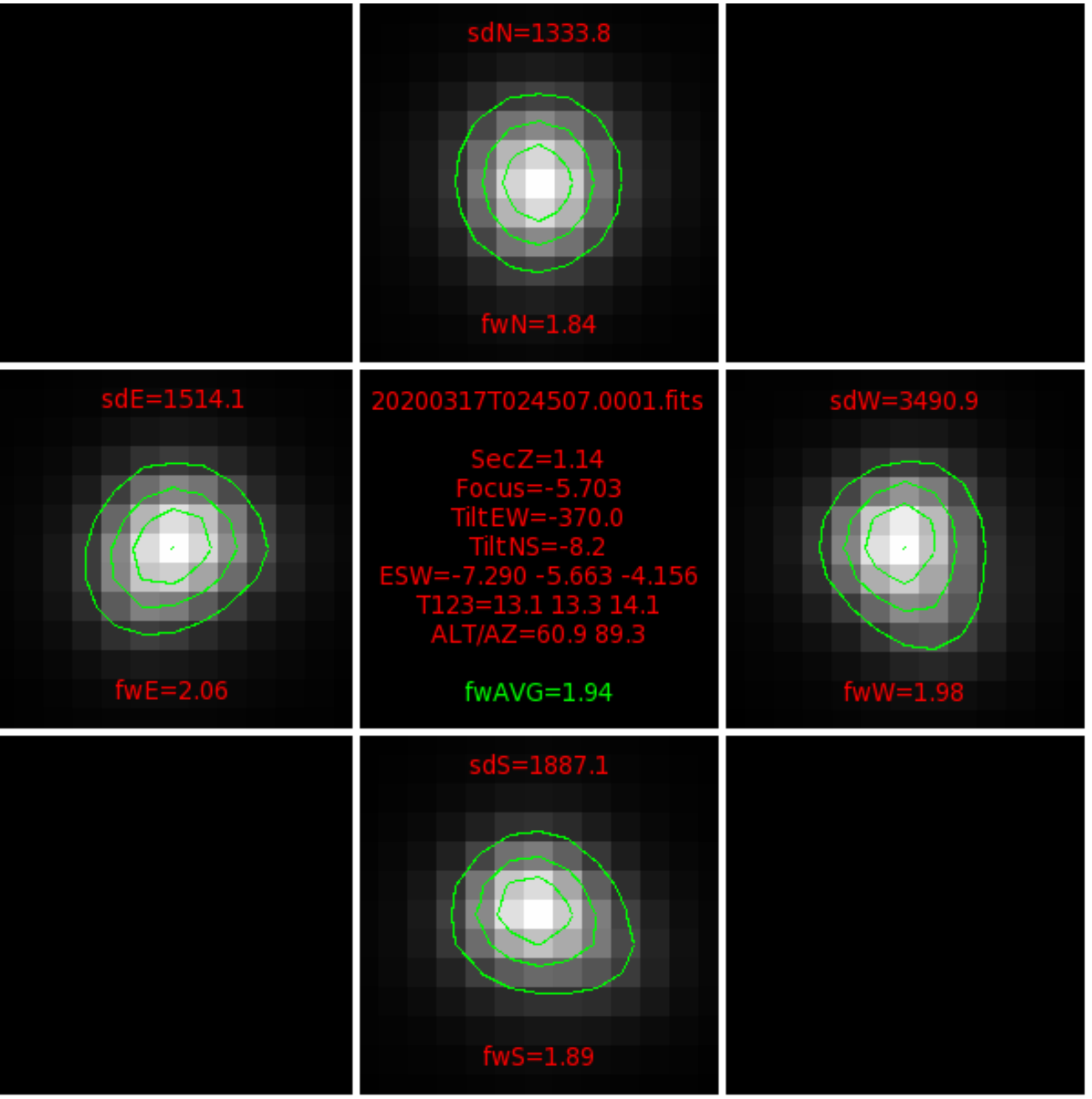
sdN=1333.8
fwN=1.84
sdE=1514.1
fwE=2.06
20200317T024507.0001.fits
SecZ=1.14
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.3 14.1
ALT/AZ=60.9 89.3
fwAVG=1.94
sdW=3490.9
fwW=1.98
sdS=1887.1
fwS=1.89
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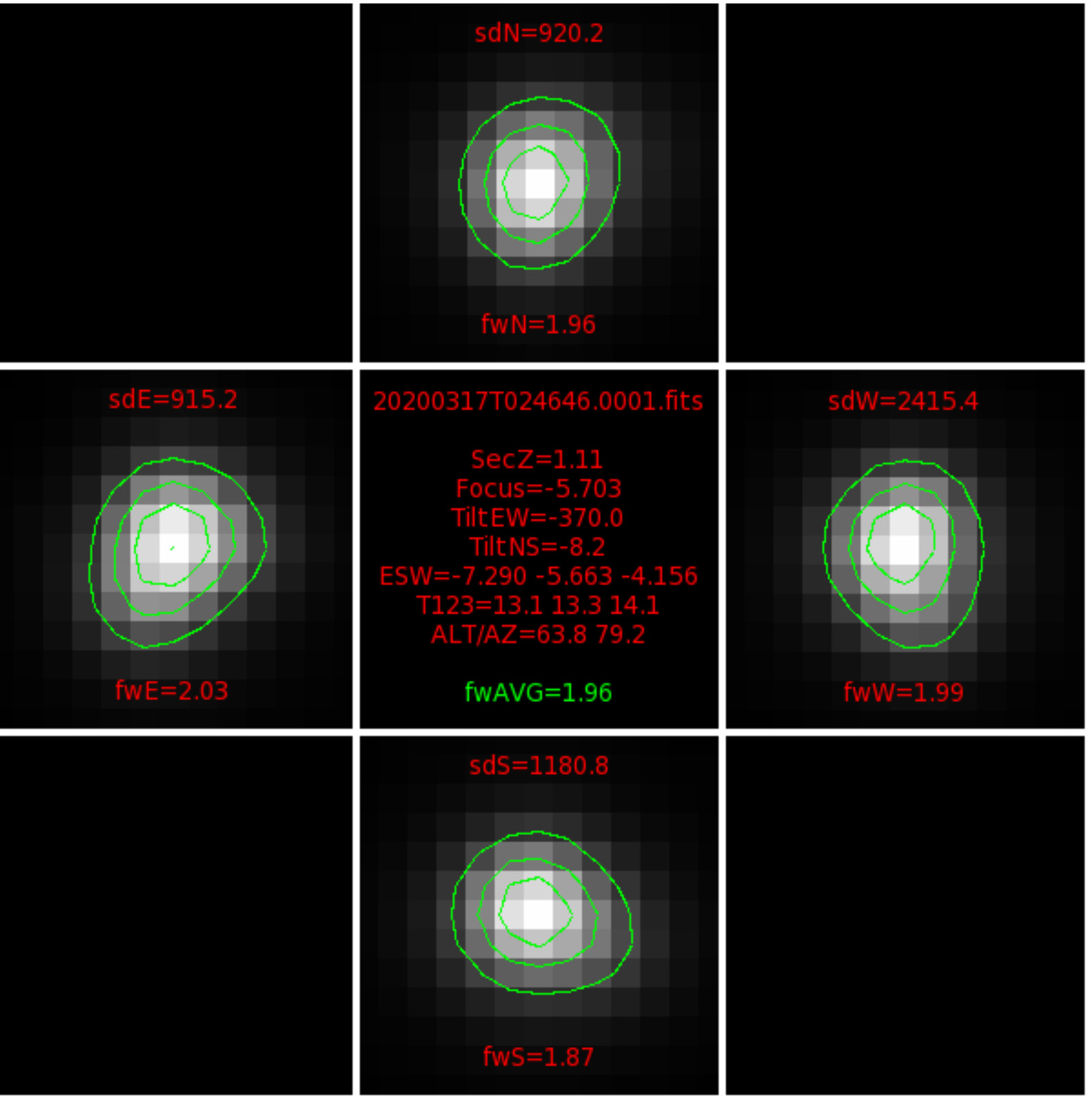
sdN=920.2
fwN=1.96
sdE=915.2
fwE=2.03
20200317T024646.0001.fits
SecZ=1.11
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.3 14.1
ALT/AZ=63.8 79.2
fwAVG=1.96
sdW=2415.4
fwW=1.99
sdS=1180.8
fwS=1.87
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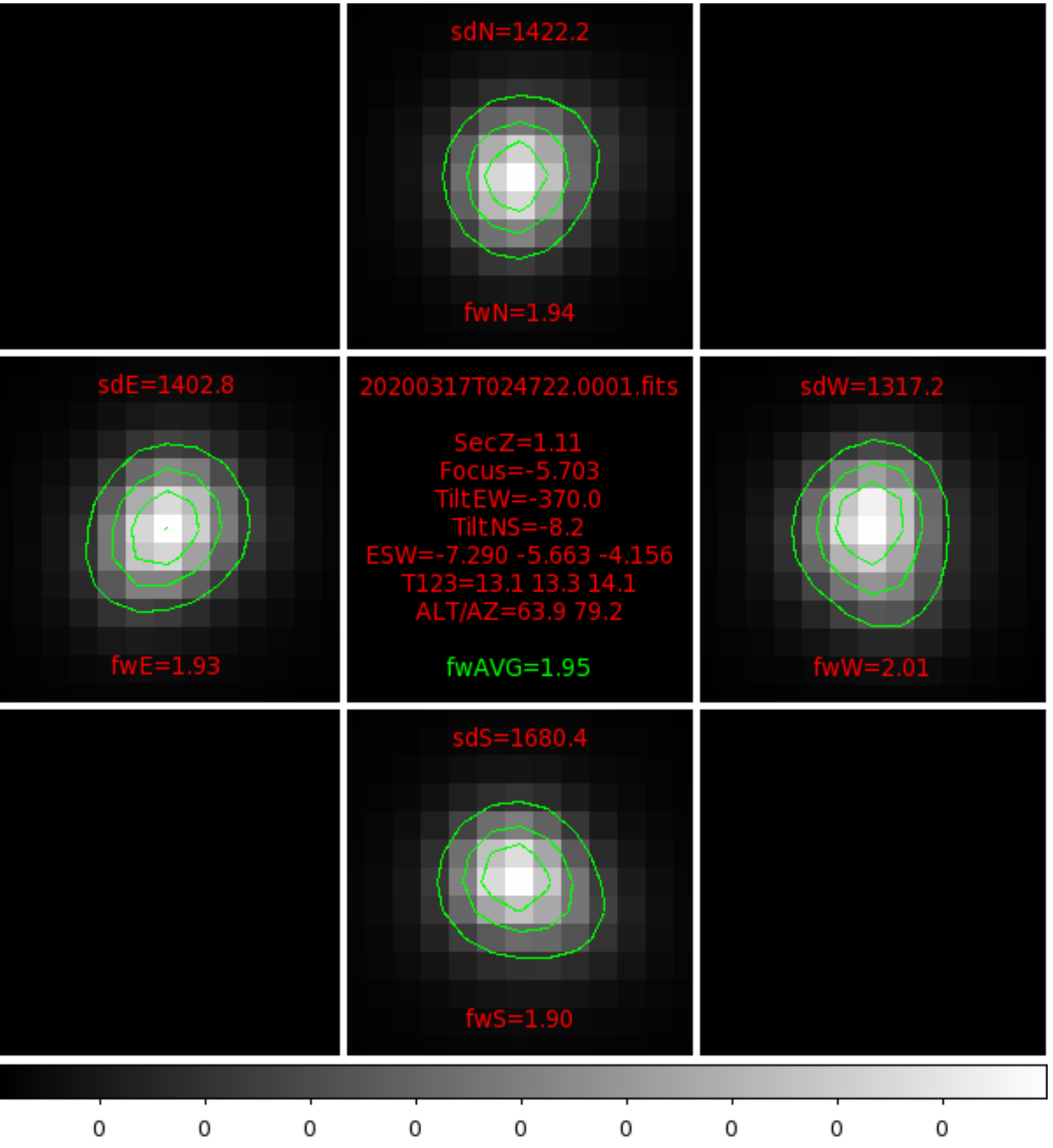
sdN=1422.2
fwN=1.94
sdE=1402.8
fwE=1.93
20200317T024722.0001.fits
SecZ=1.11
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.3 14.1
ALT/AZ=63.9 79.2
fwAVG=1.95
sdW=1317.2
fwW=2.01
sdS=1680.4
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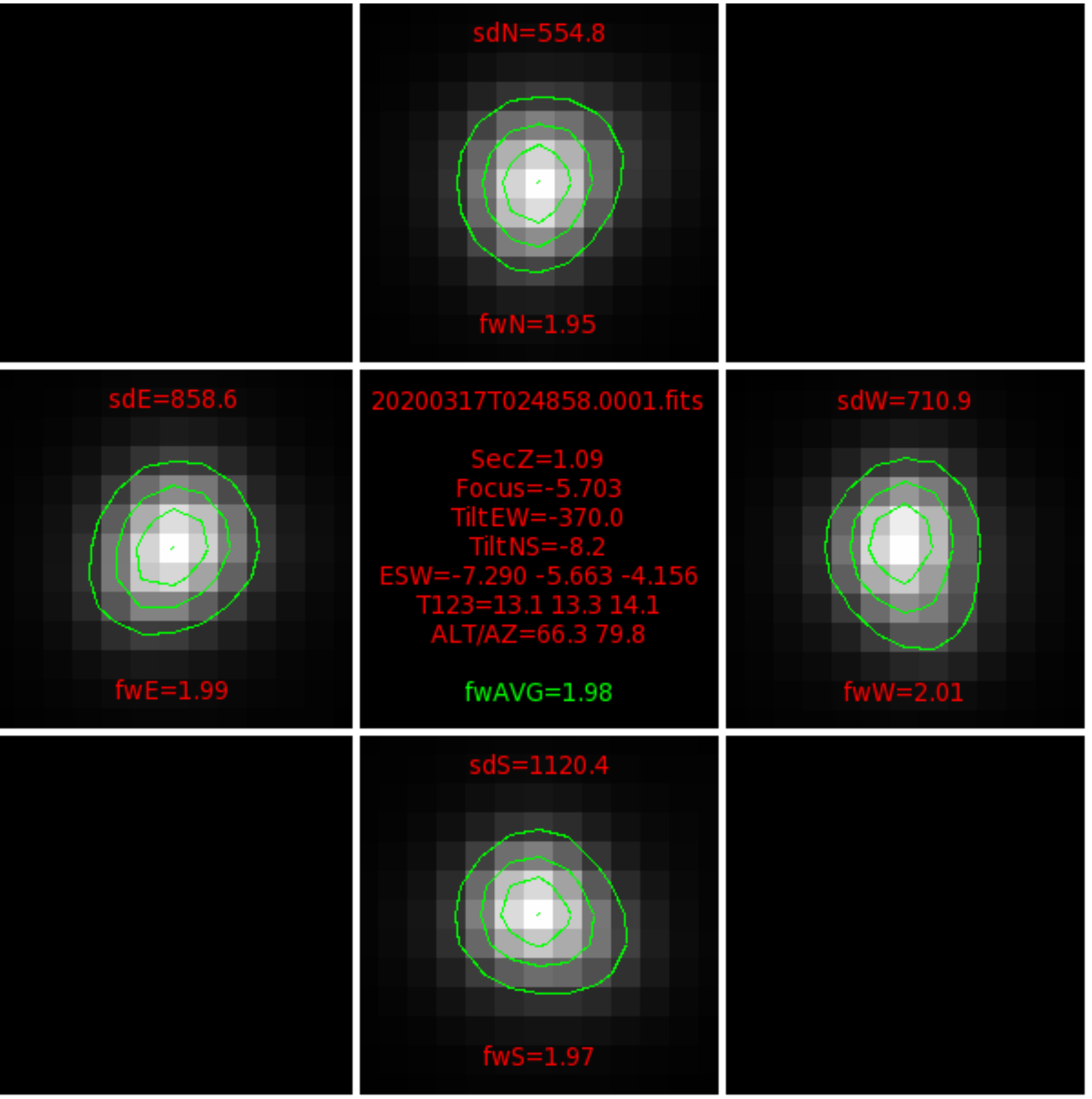
sdN=554.8
fwN=1.95
sdE=858.6
fwE=1.99
20200317T024858.0001.fits
SecZ=1.09
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.3 14.1
ALT/AZ=66.3 79.8
fwAVG=1.98
sdW=710.9
fwW=2.01
sdS=1120.4
fwS=1.97
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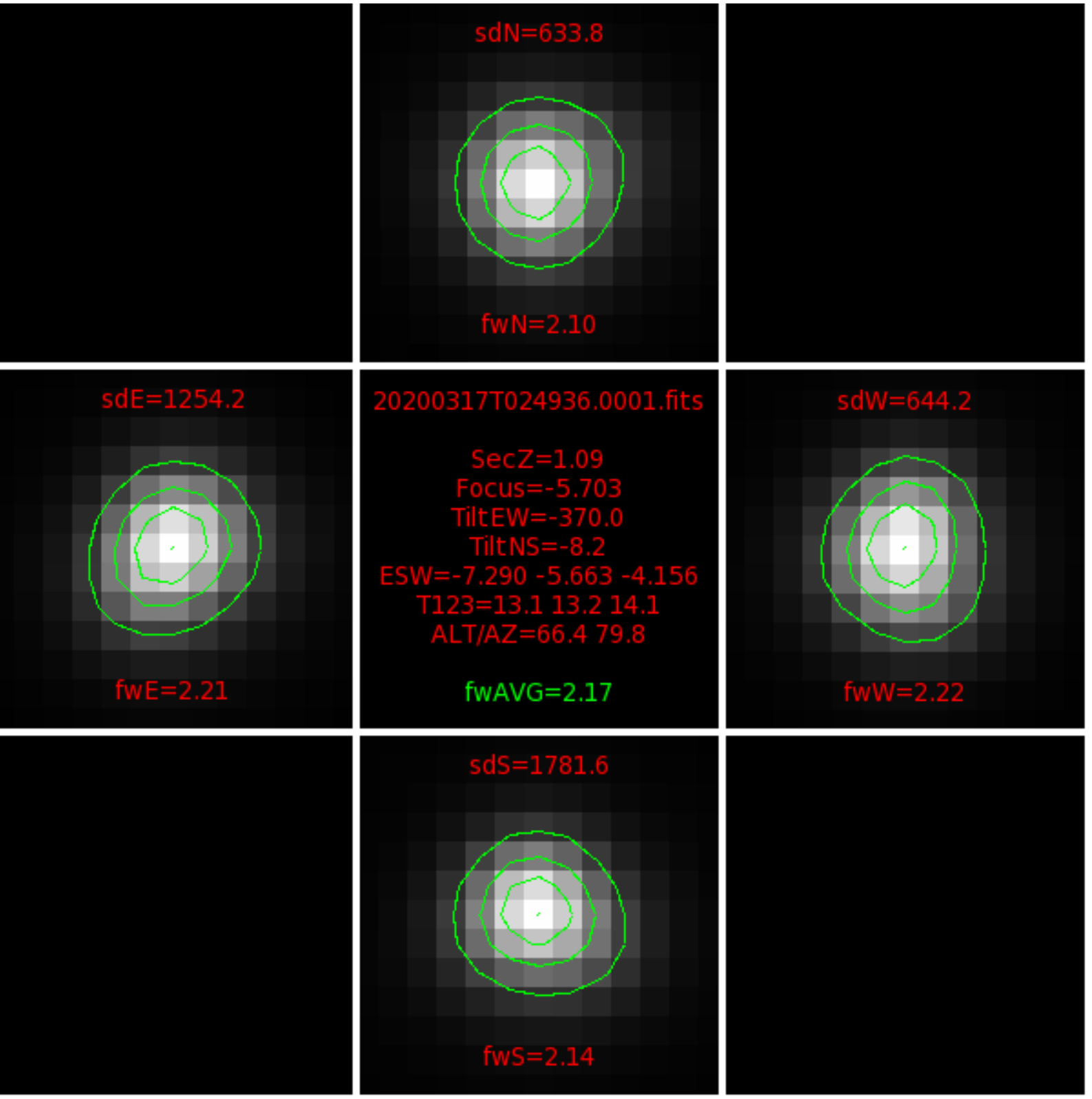
sdN=633.8
fwN=2.10
sdE=1254.2
fwE=2.21
20200317T024936.0001.fits
SecZ=1.09
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=66.4 79.8
fwAVG=2.17
sdW=644.2
fwW=2.22
sdS=1781.6
fwS=2.14
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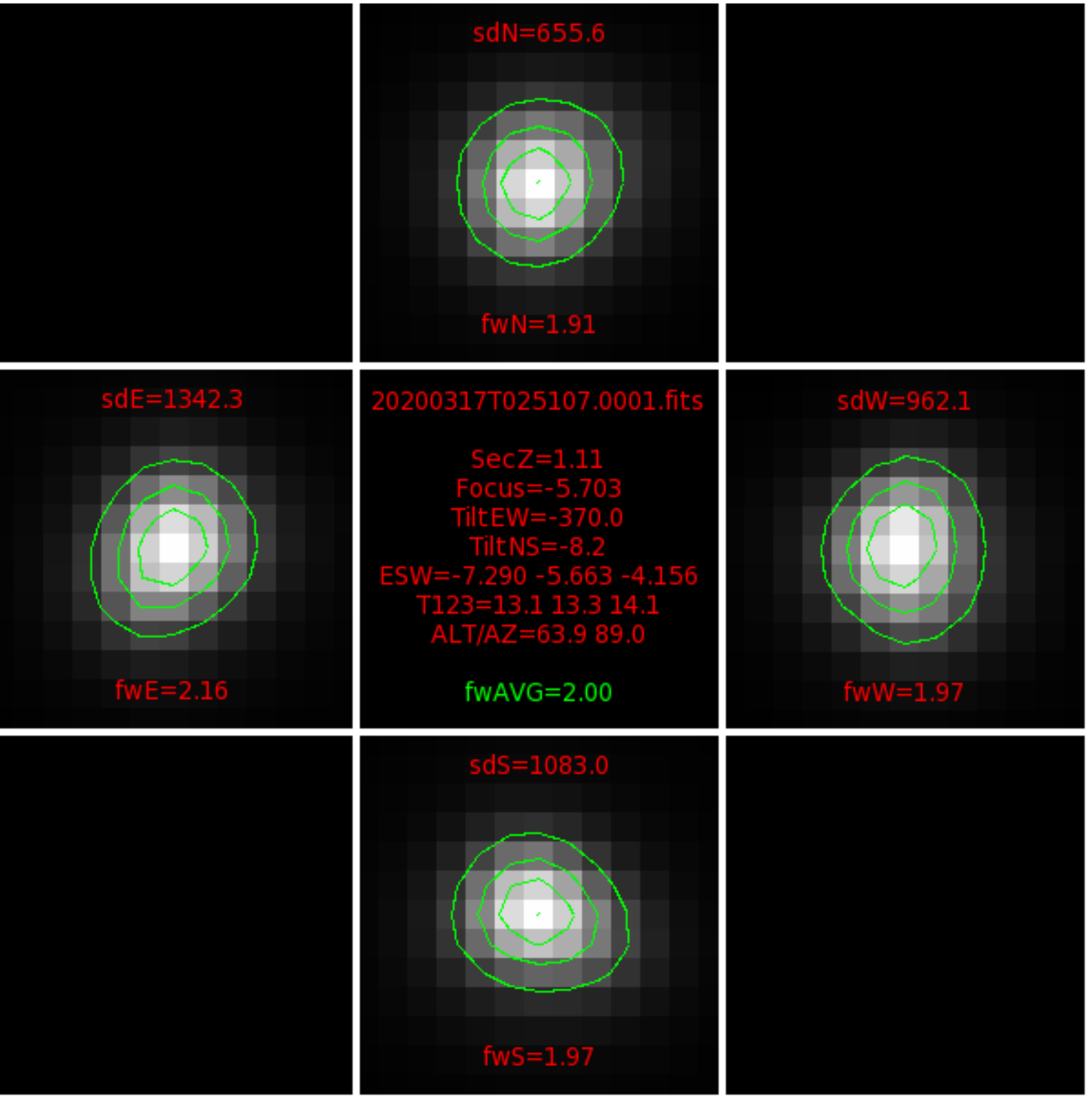
sdN=655.6
fwN=1.91
sdE=1342.3
fwE=2.16
20200317T025107.0001.fits
SecZ=1.11
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.3 14.1
ALT/AZ=63.9 89.0
fwAVG=2.00
sdW=962.1
fwW=1.97
sdS=1083.0
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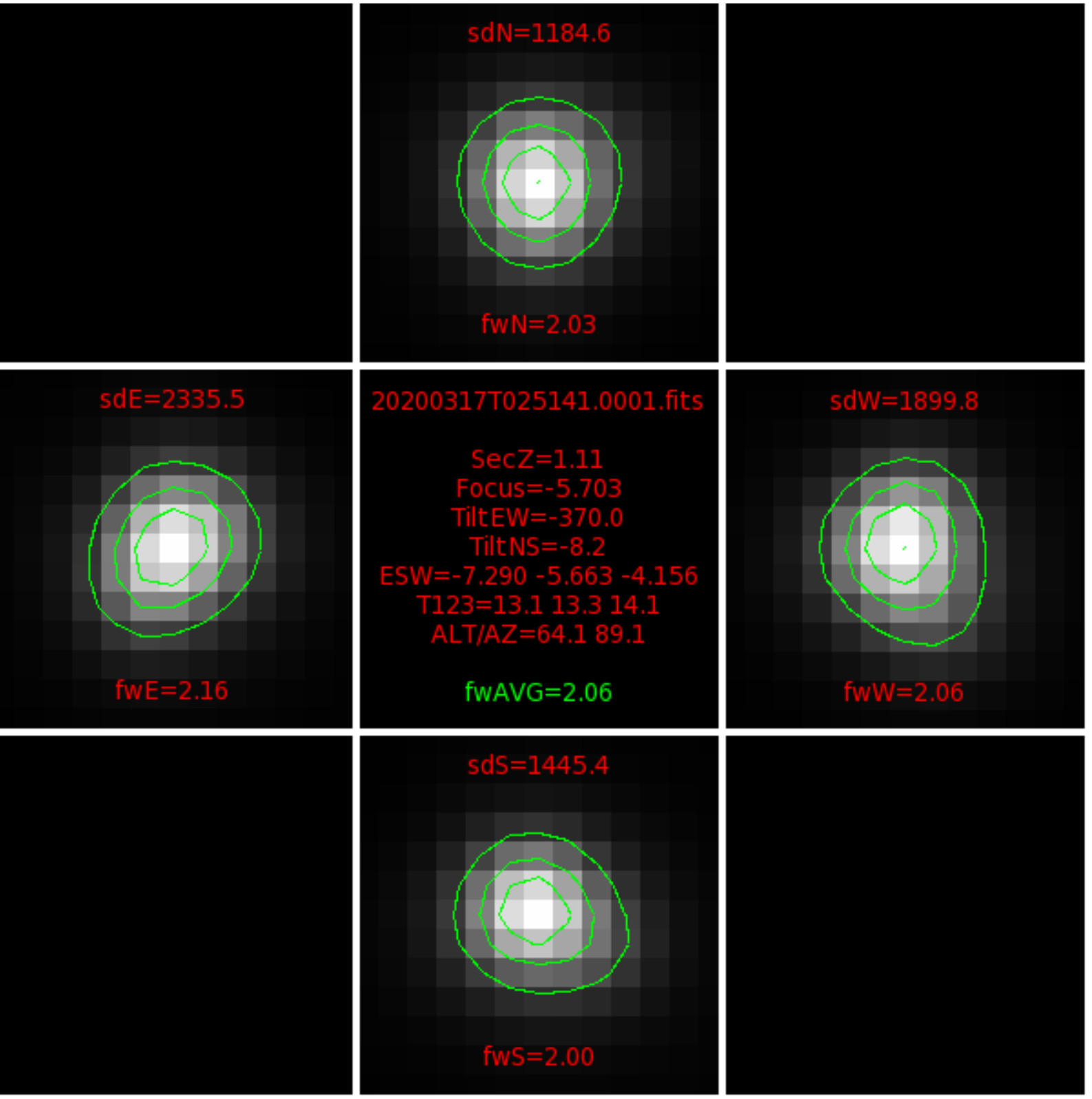
sdN=1184.6
fwN=2.03
sdE=2335.5
fwE=2.16
20200317T025141.0001.fits
SecZ=1.11
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.3 14.1
ALT/AZ=64.1 89.1
fwAVG=2.06
sdW=1899.8
fwW=2.06
sdS=1445.4
fwS=2.00
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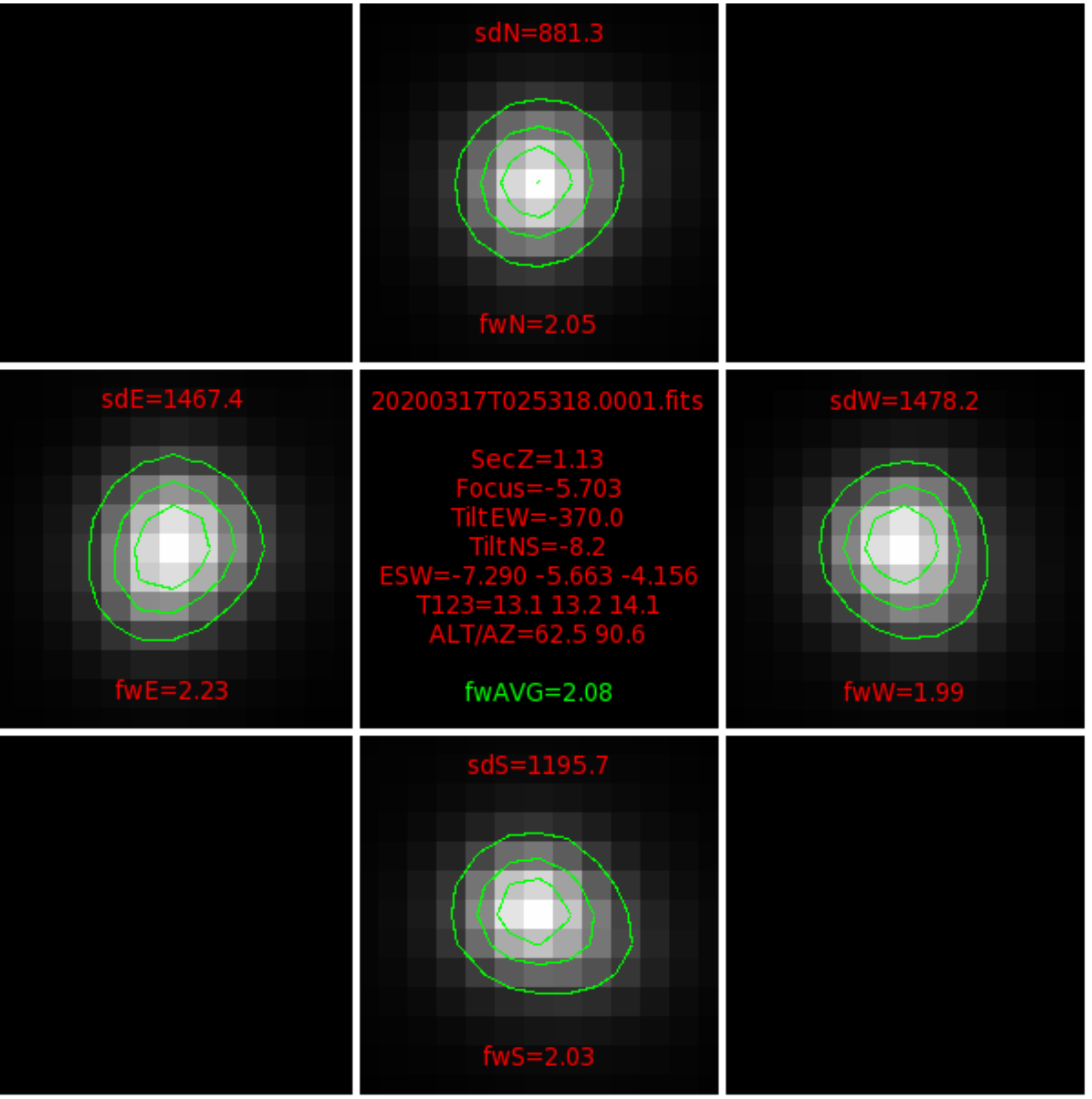
sdN=881.3
fwN=2.05
sdE=1467.4
fwE=2.23
20200317T025318.0001.fits
SecZ=1.13
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=62.5 90.6
fwAVG=2.08
sdW=1478.2
fwW=1.99
sdS=1195.7
fwS=2.03
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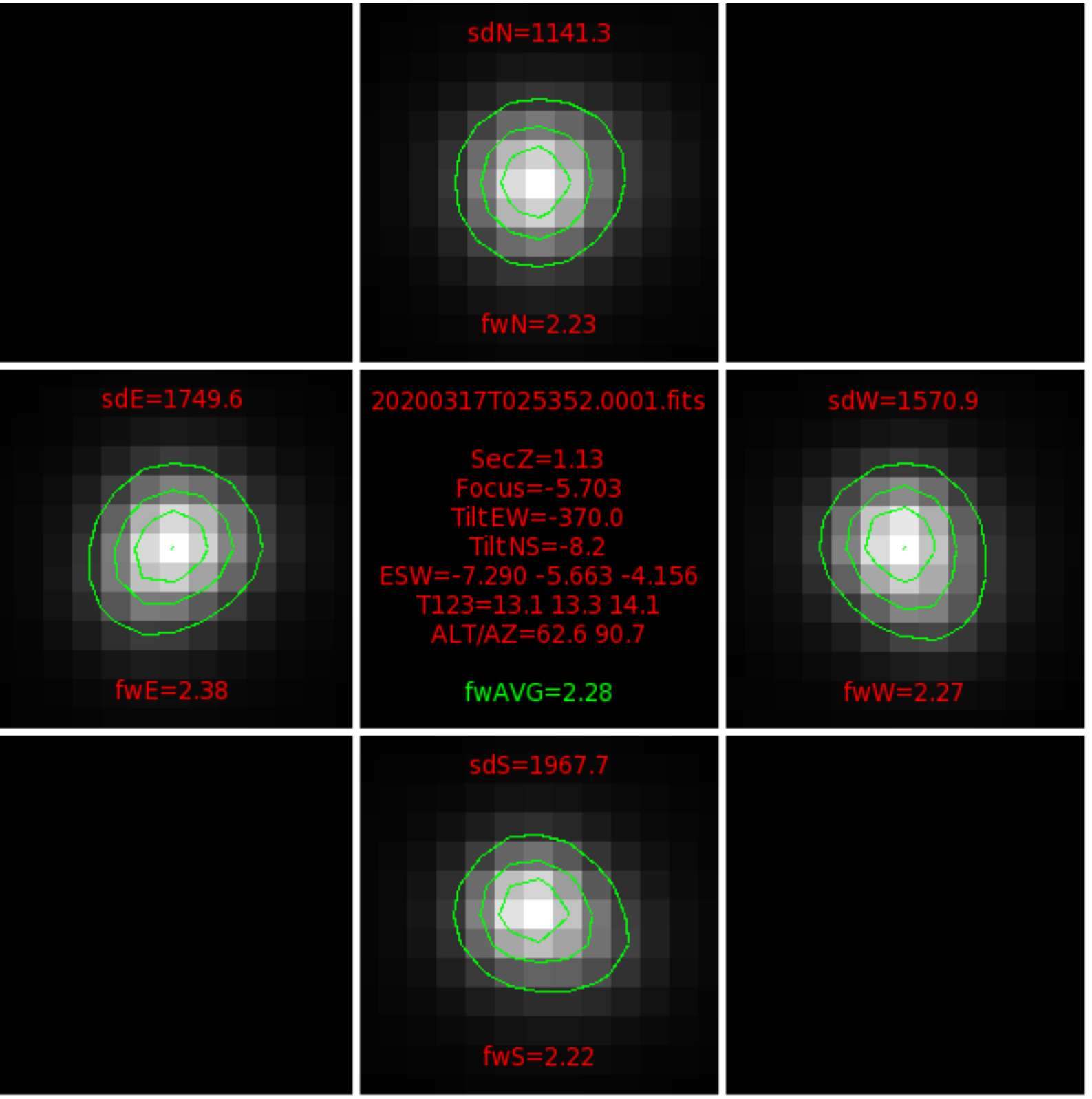
sdN=1141.3
fwN=2.23
sdE=1749.6
fwE=2.38
20200317T025352.0001.fits
SecZ=1.13
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.3 14.1
ALT/AZ=62.6 90.7
fwAVG=2.28
sdW=1570.9
fwW=2.27
sdS=1967.7
fwS=2.22
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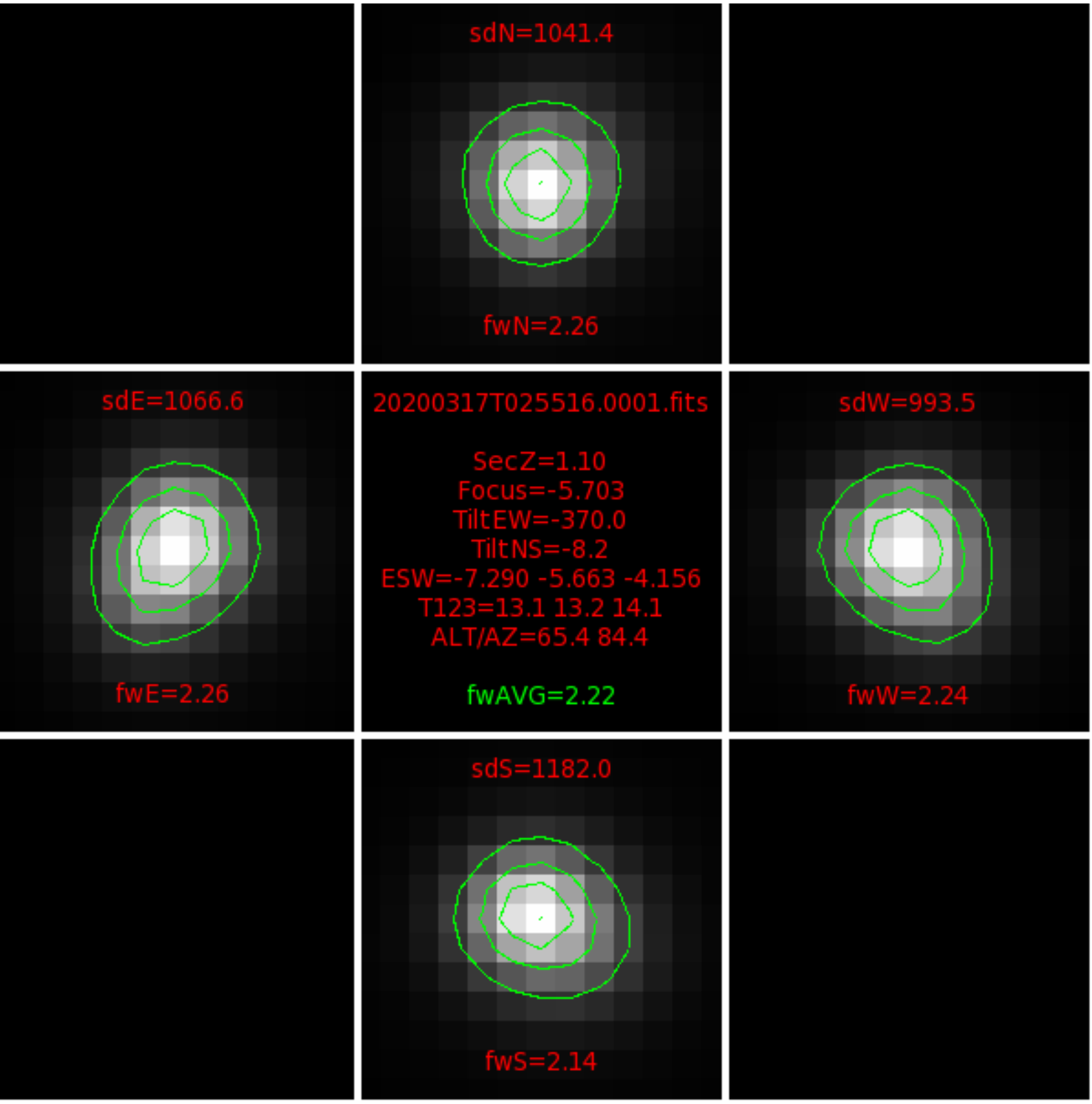
sdN=1041.4
fwN=2.26
sdE=1066.6
fwE=2.26
20200317T025516.0001.fits
SecZ=1.10
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=65.4 84.4
fwAVG=2.22
sdW=993.5
fwW=2.24
sdS=1182.0
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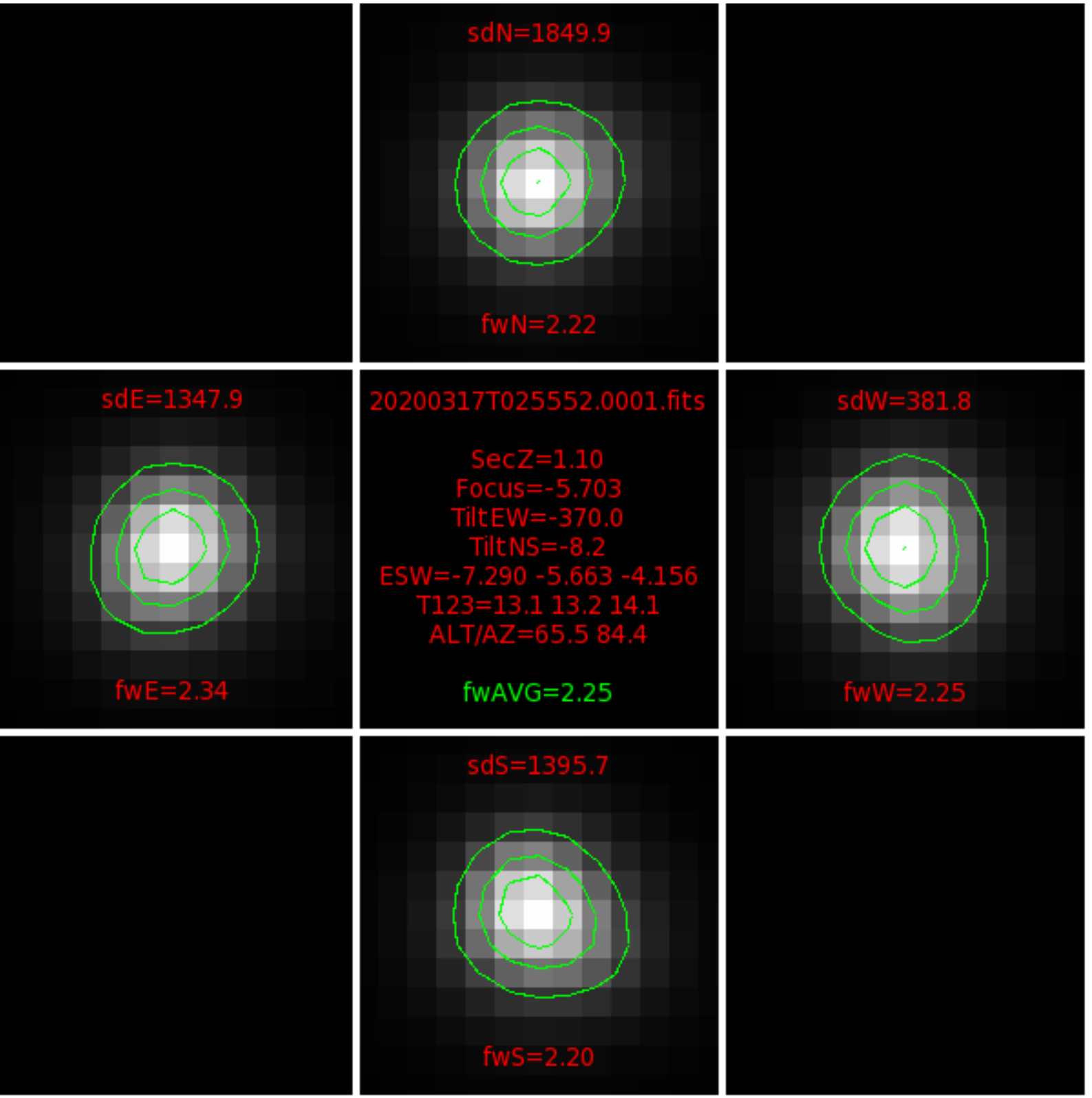
sdN=1849.9
fwN=2.22
sdE=1347.9
fwE=2.34
20200317T025552.0001.fits
SecZ=1.10
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=65.5 84.4
fwAVG=2.25
sdW=381.8
fwW=2.25
sdS=1395.7
fwS=2.20
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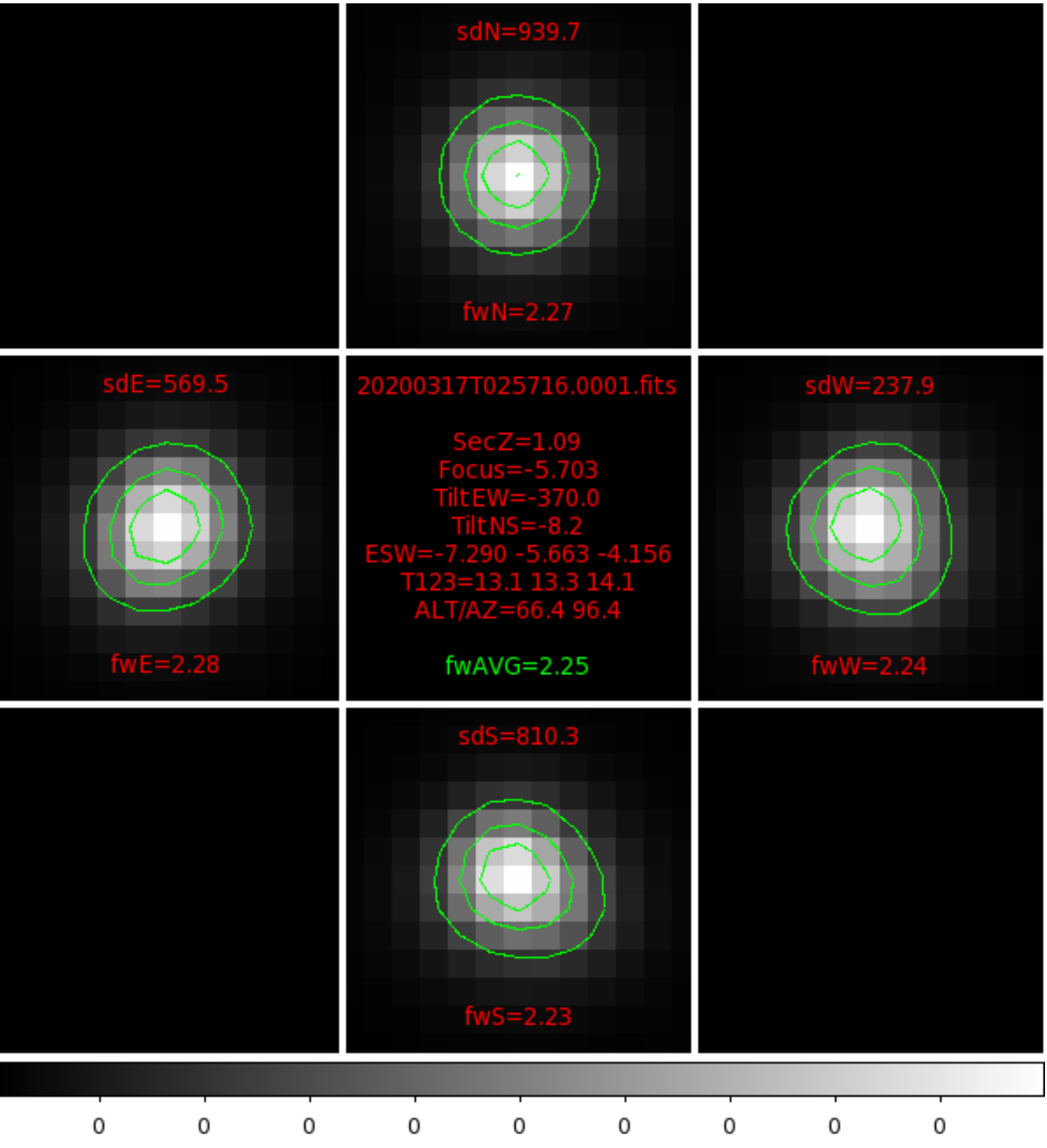
sdN=939.7
fwN=2.27
sdE=569.5
fwE=2.28
20200317T025716.0001.fits
SecZ=1.09
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.3 14.1
ALT/AZ=66.4 96.4
fwAVG=2.25
sdW=237.9
fwW=2.24
sdS=810.3
fwS=2.23
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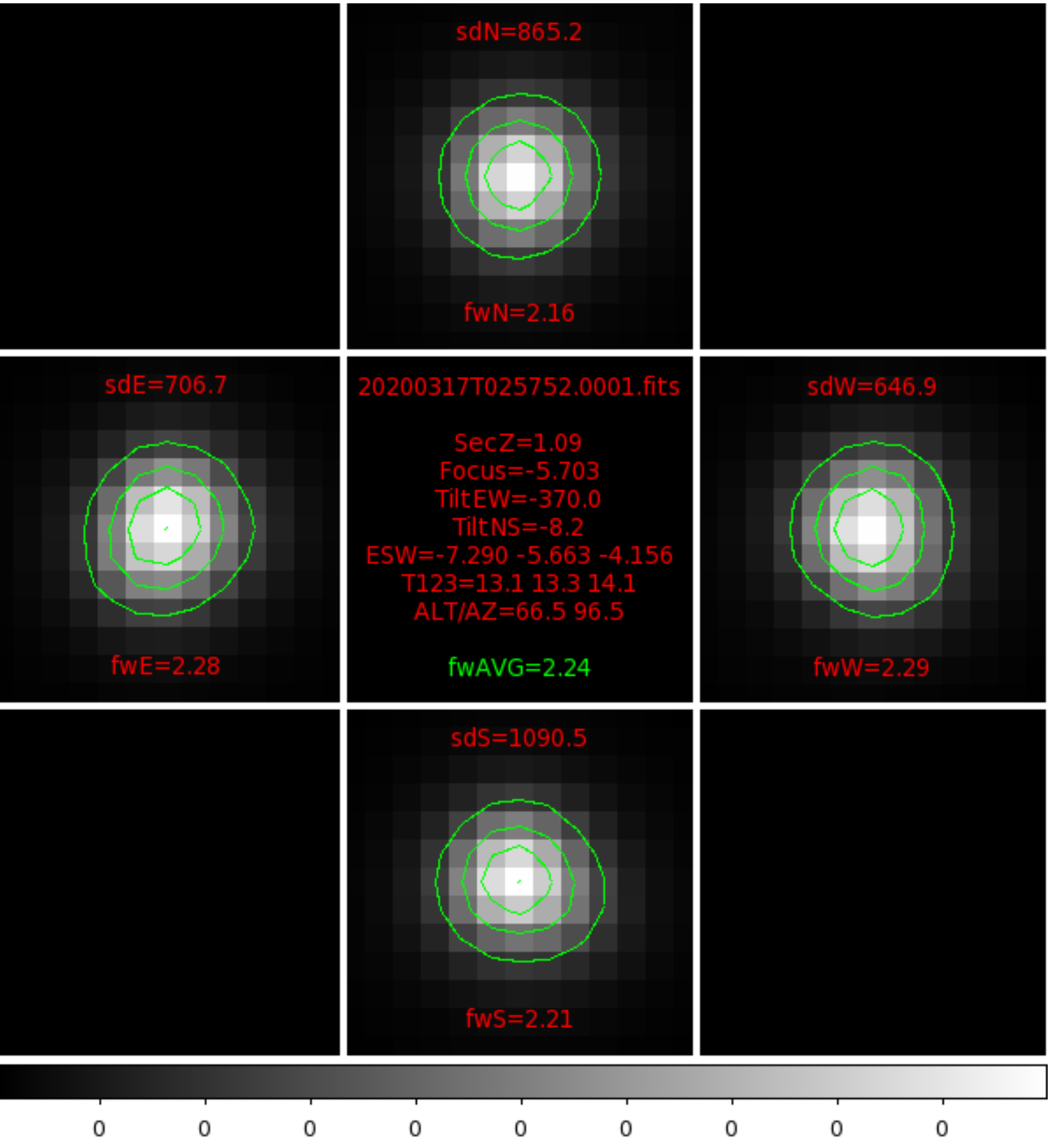
sdN=865.2
fwN=2.16
sdE=706.7
fwE=2.28
20200317T025752.0001.fits
SecZ=1.09
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.3 14.1
ALT/AZ=66.5 96.5
fwAVG=2.24
sdW=646.9
fwW=2.29
sdS=1090.5
fwS=2.21
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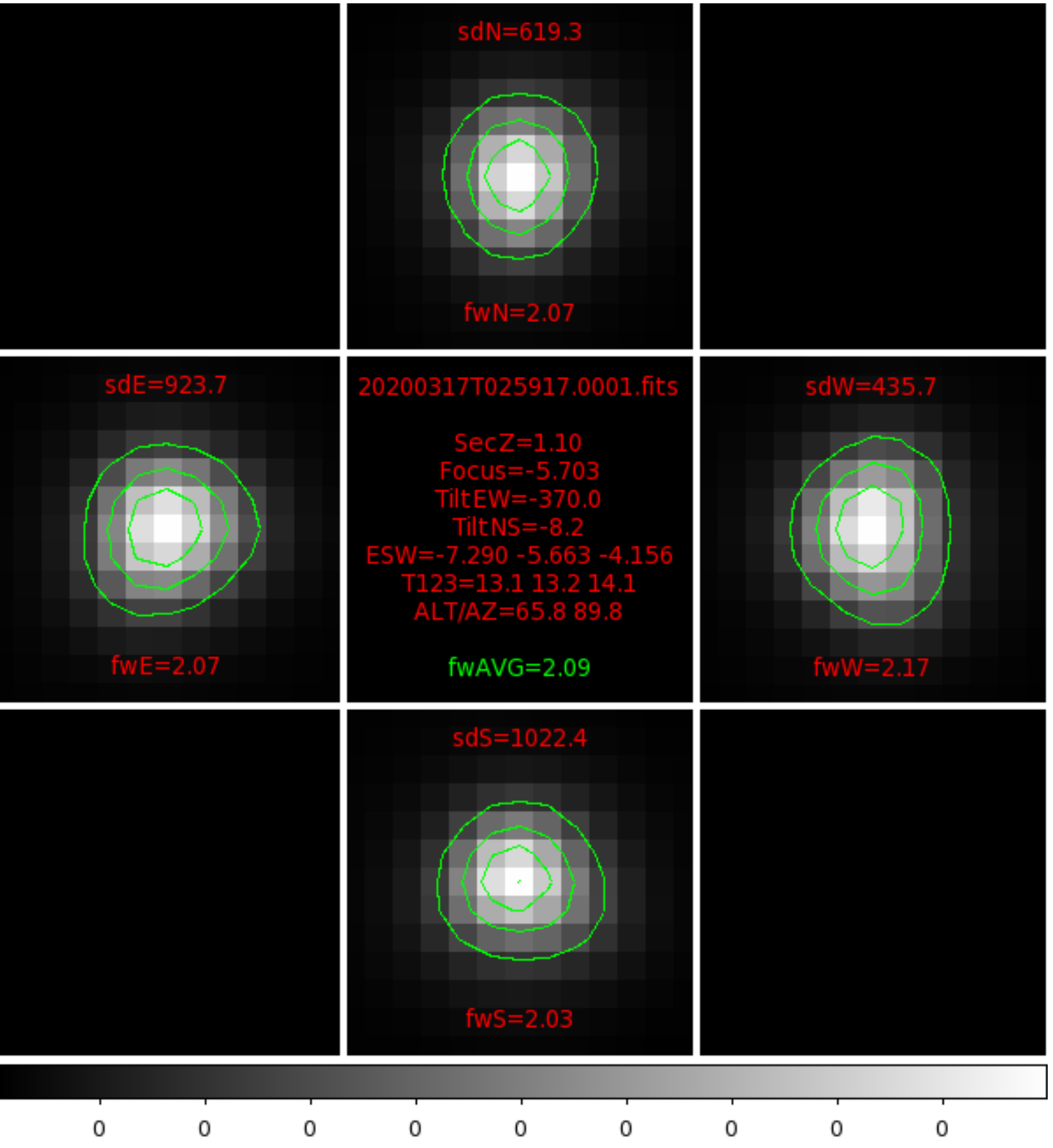
sdN=619.3
fwN=2.07
sdE=923.7
fwE=2.07
20200317T025917.0001.fits
SecZ=1.10
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=65.8 89.8
fwAVG=2.09
sdW=435.7
fwW=2.17
sdS=1022.4
fwS=2.03
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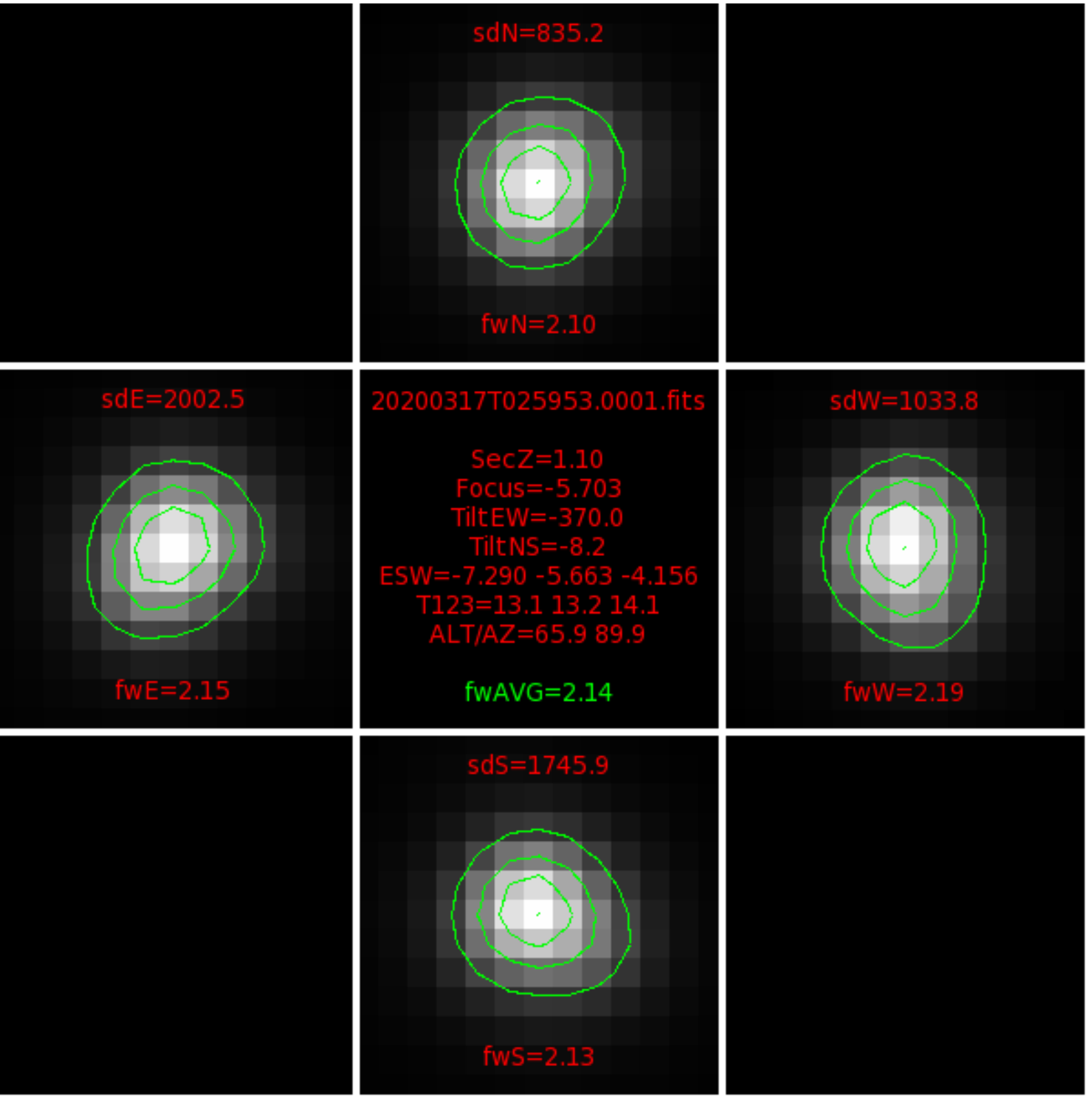
sdN=835.2
fwN=2.10
sdE=2002.5
fwE=2.15
20200317T025953.0001.fits
SecZ=1.10
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=65.9 89.9
fwAVG=2.14
sdW=1033.8
fwW=2.19
sdS=1745.9
fwS=2.13
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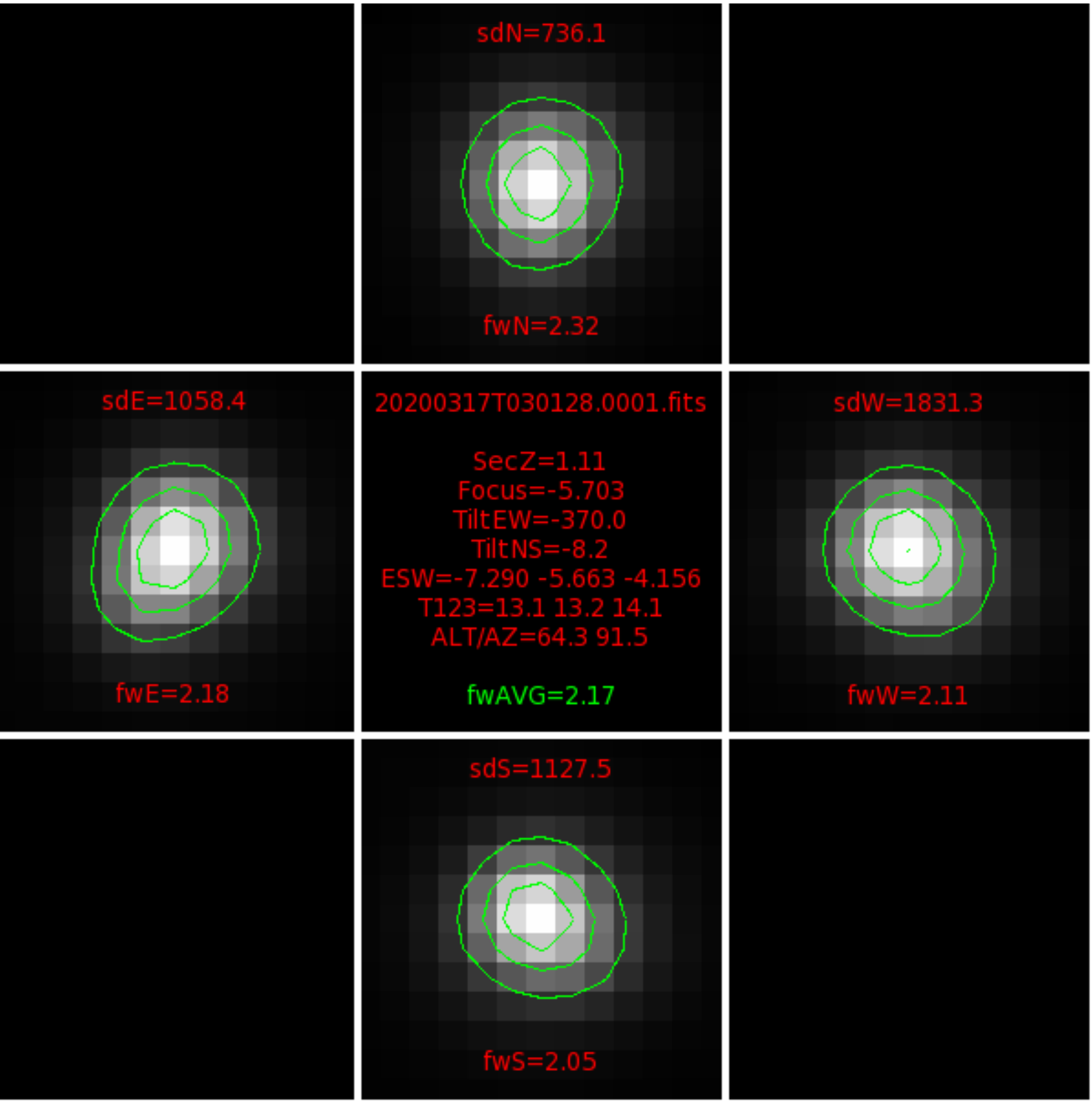
sdN=736.1
fwN=2.32
sdE=1058.4
fwE=2.18
20200317T030128.0001.fits
SecZ=1.11
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=64.3 91.5
fwAVG=2.17
sdW=1831.3
fwW=2.11
sdS=1127.5
fwS=2.05
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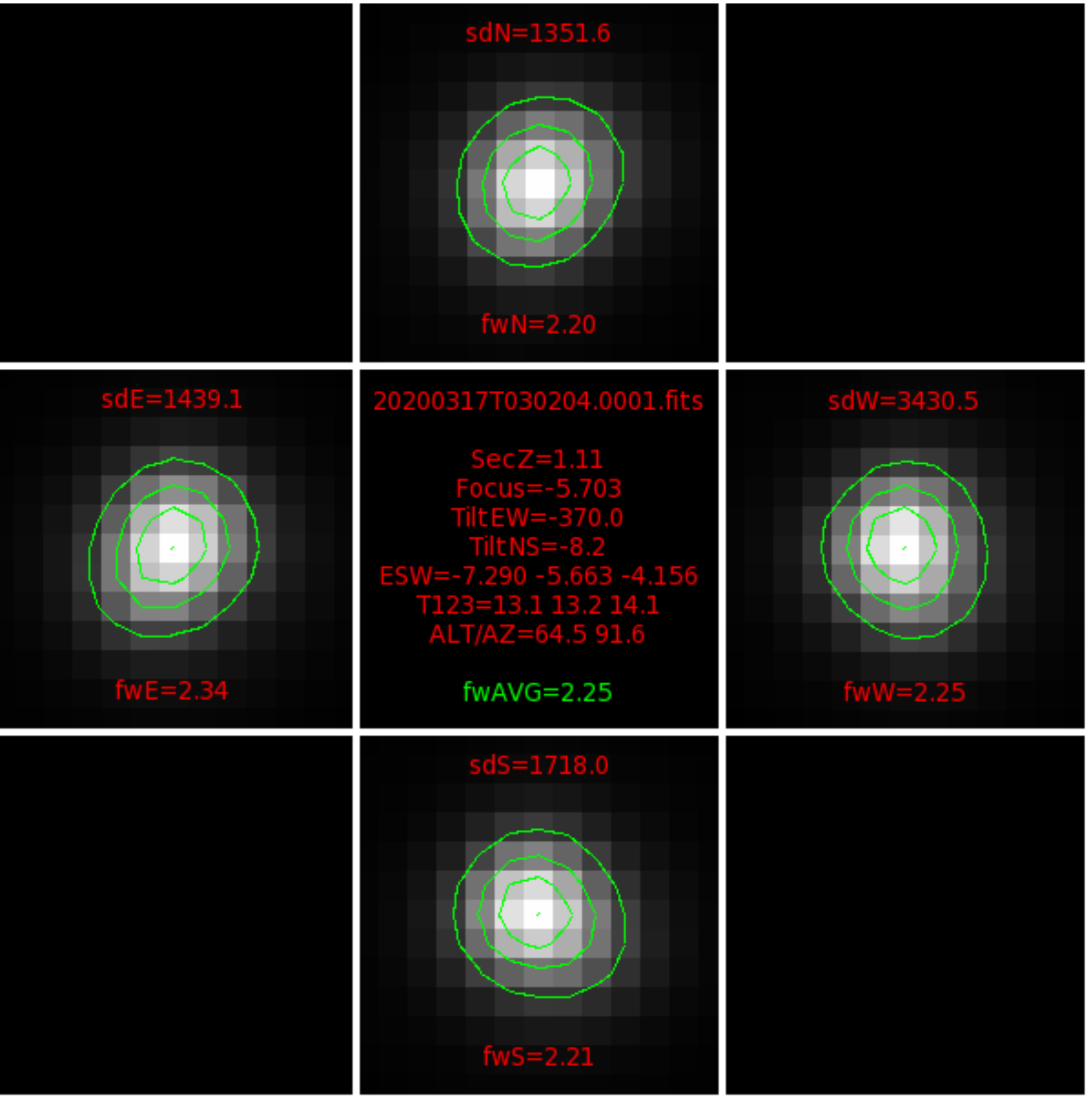
sdN=1351.6
fwN=2.20
sdE=1439.1
fwE=2.34
20200317T030204.0001.fits
SecZ=1.11
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=64.5 91.6
fwAVG=2.25
sdW=3430.5
fwW=2.25
sdS=1718.0
fwS=2.21
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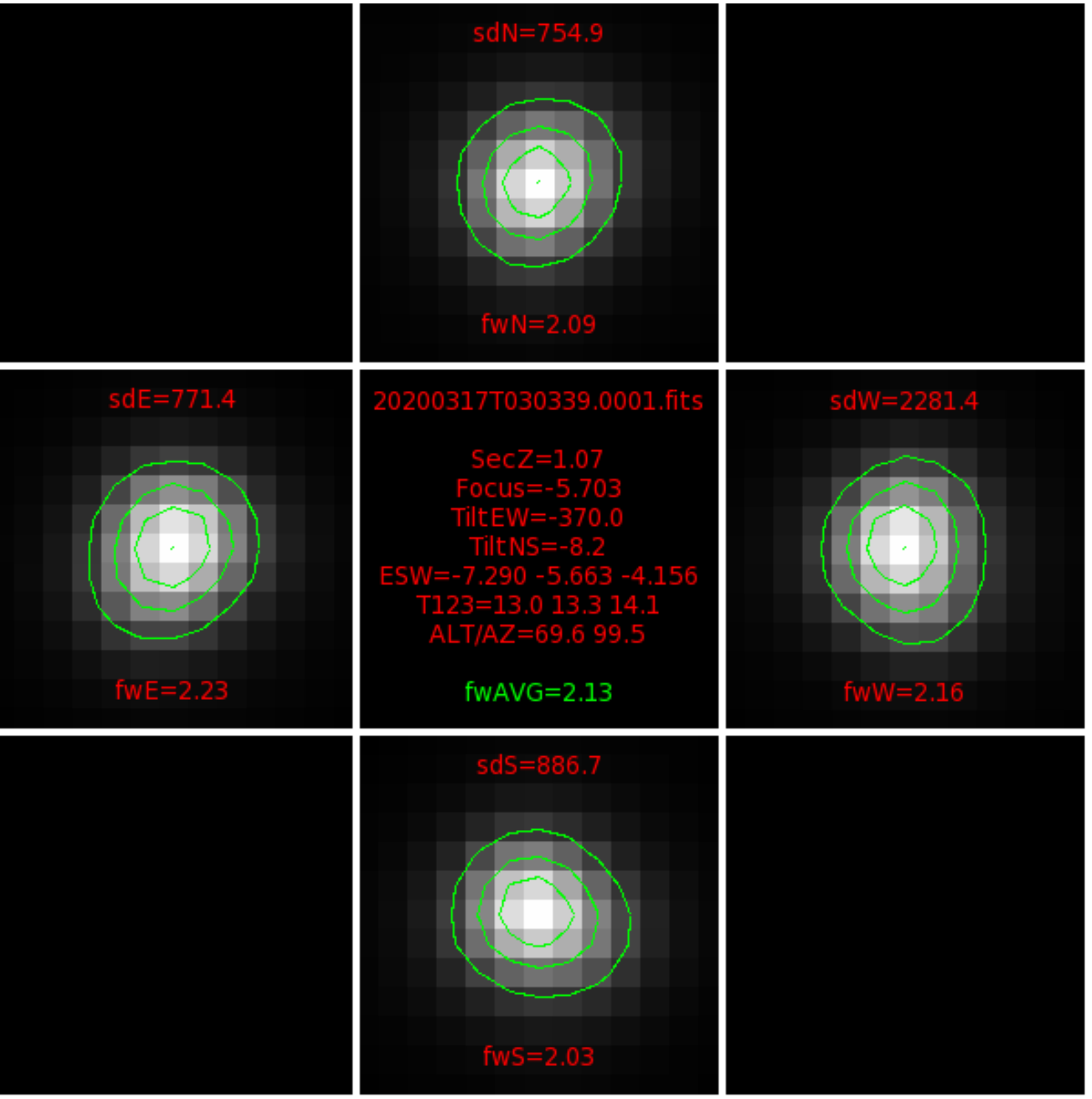
sdN=754.9
fwN=2.09
sdE=771.4
fwE=2.23
20200317T030339.0001.fits
SecZ=1.07
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.3 14.1
ALT/AZ=69.6 99.5
fwAVG=2.13
sdW=2281.4
fwW=2.16
sdS=886.7
fwS=2.03
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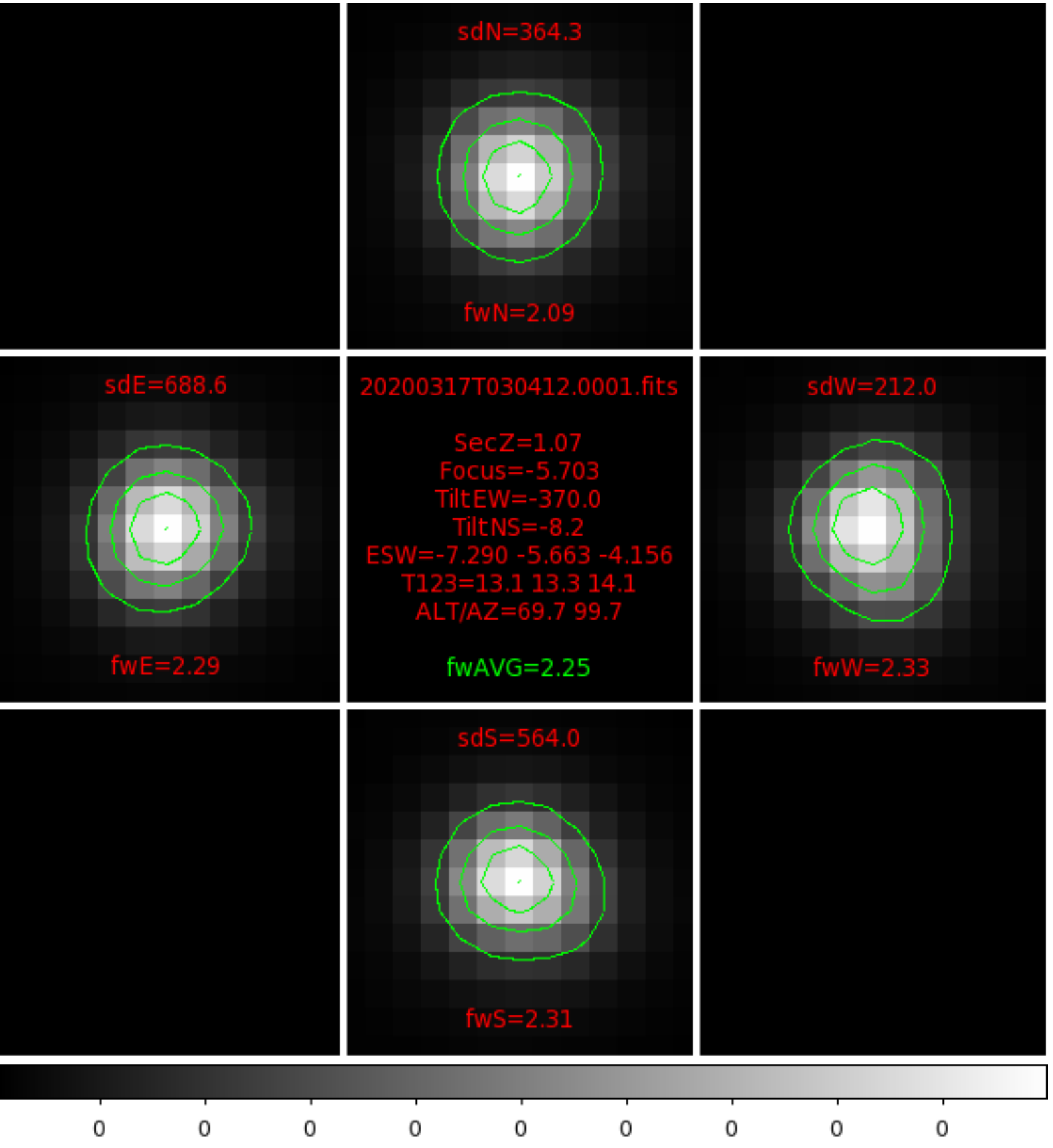
sdN=364.3
fwN=2.09
sdE=688.6
fwE=2.29
20200317T030412.0001.fits
SecZ=1.07
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.3 14.1
ALT/AZ=69.7 99.7
fwAVG=2.25
sdW=212.0
fwW=2.33
sdS=564.0
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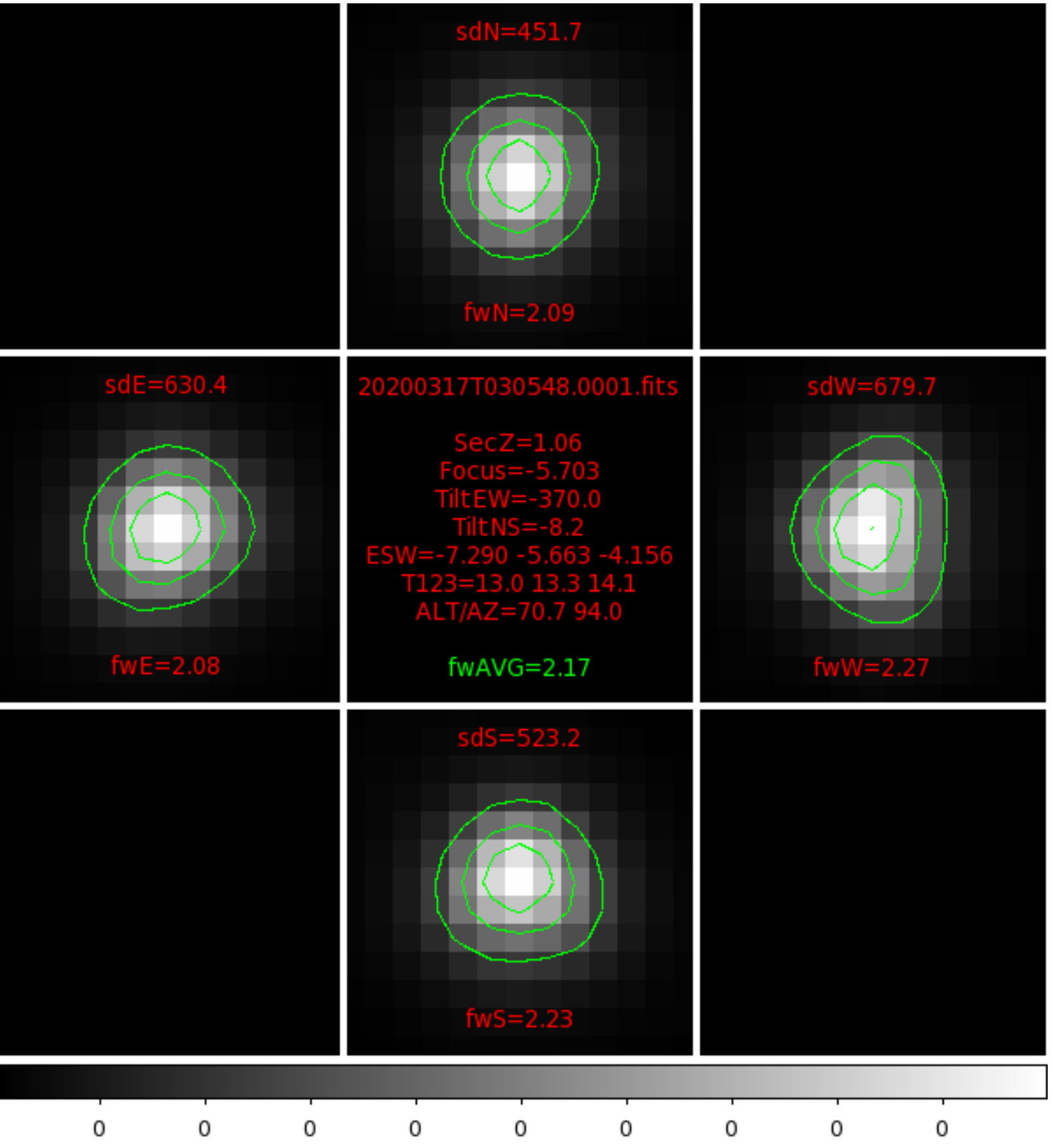
sdN=451.7
fwN=2.09
sdE=630.4
fwE=2.08
20200317T030548.0001.fits
SecZ=1.06
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.3 14.1
ALT/AZ=70.7 94.0
fwAVG=2.17
sdW=679.7
fwW=2.27
sdS=523.2
fwS=2.23
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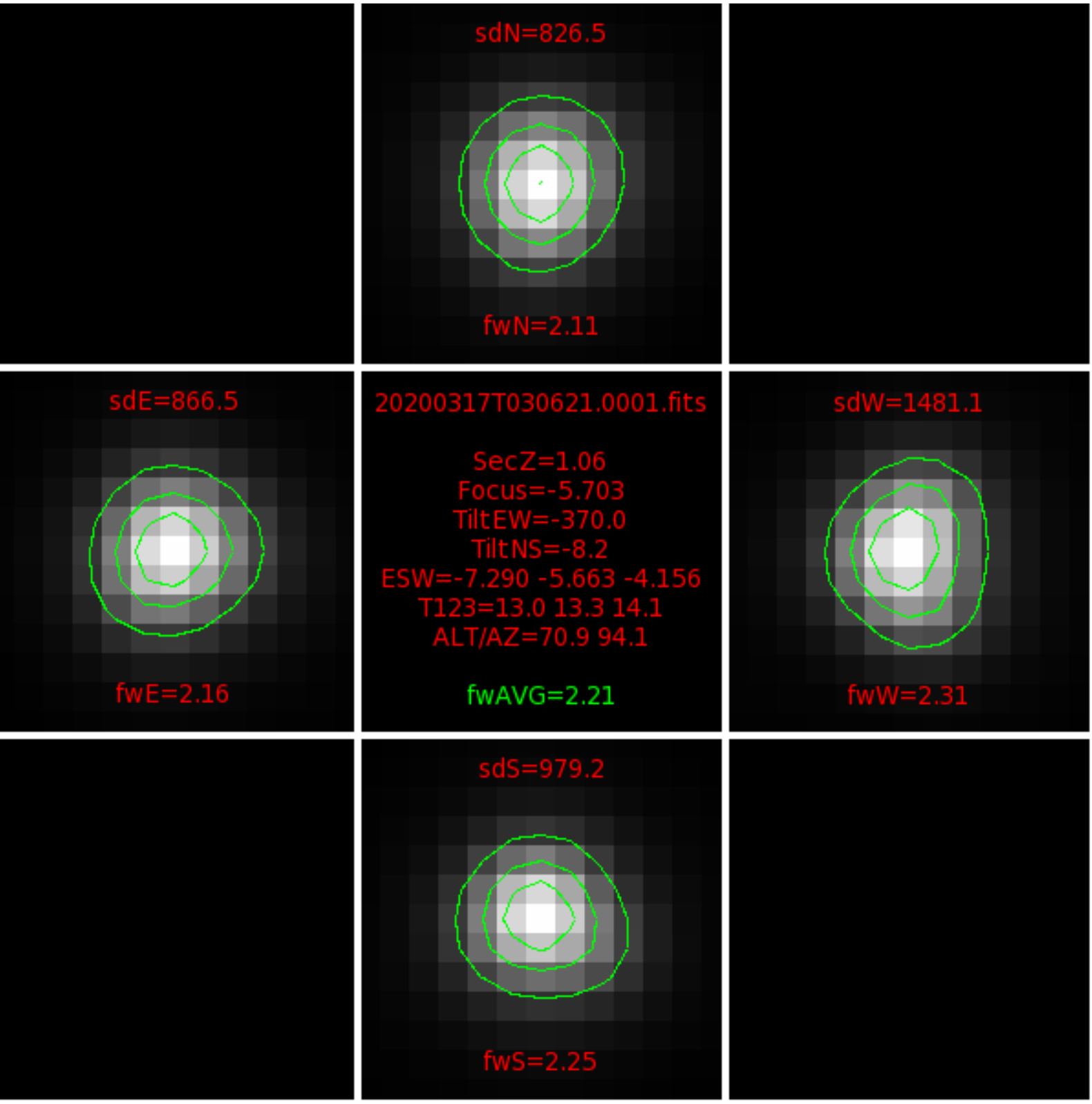
sdN=826.5
fwN=2.11
sdE=866.5
fwE=2.16
20200317T030621.0001.fits
SecZ=1.06
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.3 14.1
ALT/AZ=70.9 94.1
fwAVG=2.21
sdW=1481.1
fwW=2.31
sdS=979.2
fwS=2.25
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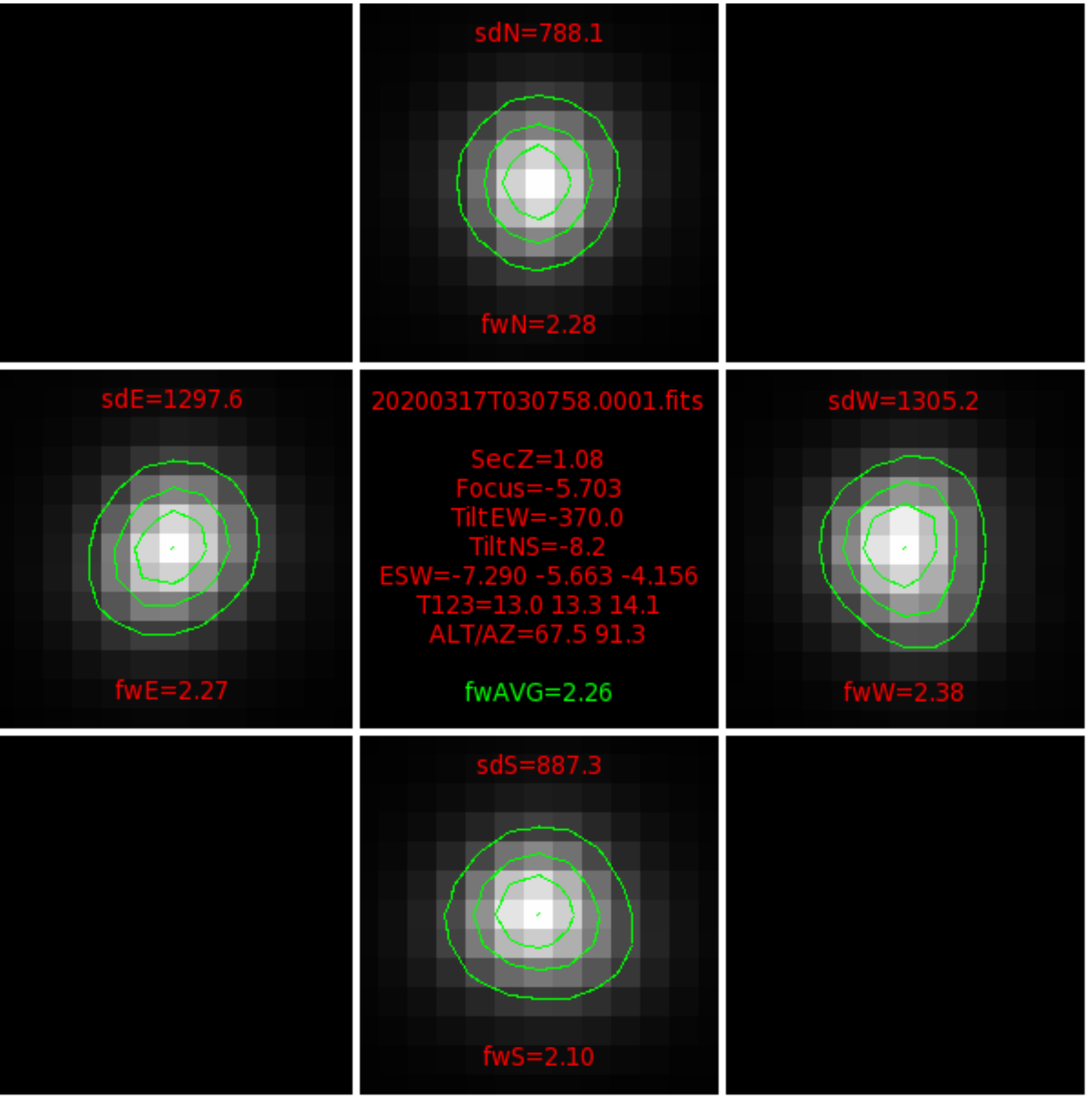
sdN=788.1
fwN=2.28
sdE=1297.6
fwE=2.27
20200317T030758.0001.fits
SecZ=1.08
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.3 14.1
ALT/AZ=67.5 91.3
fwAVG=2.26
sdW=1305.2
fwW=2.38
sdS=887.3
fwS=2.10
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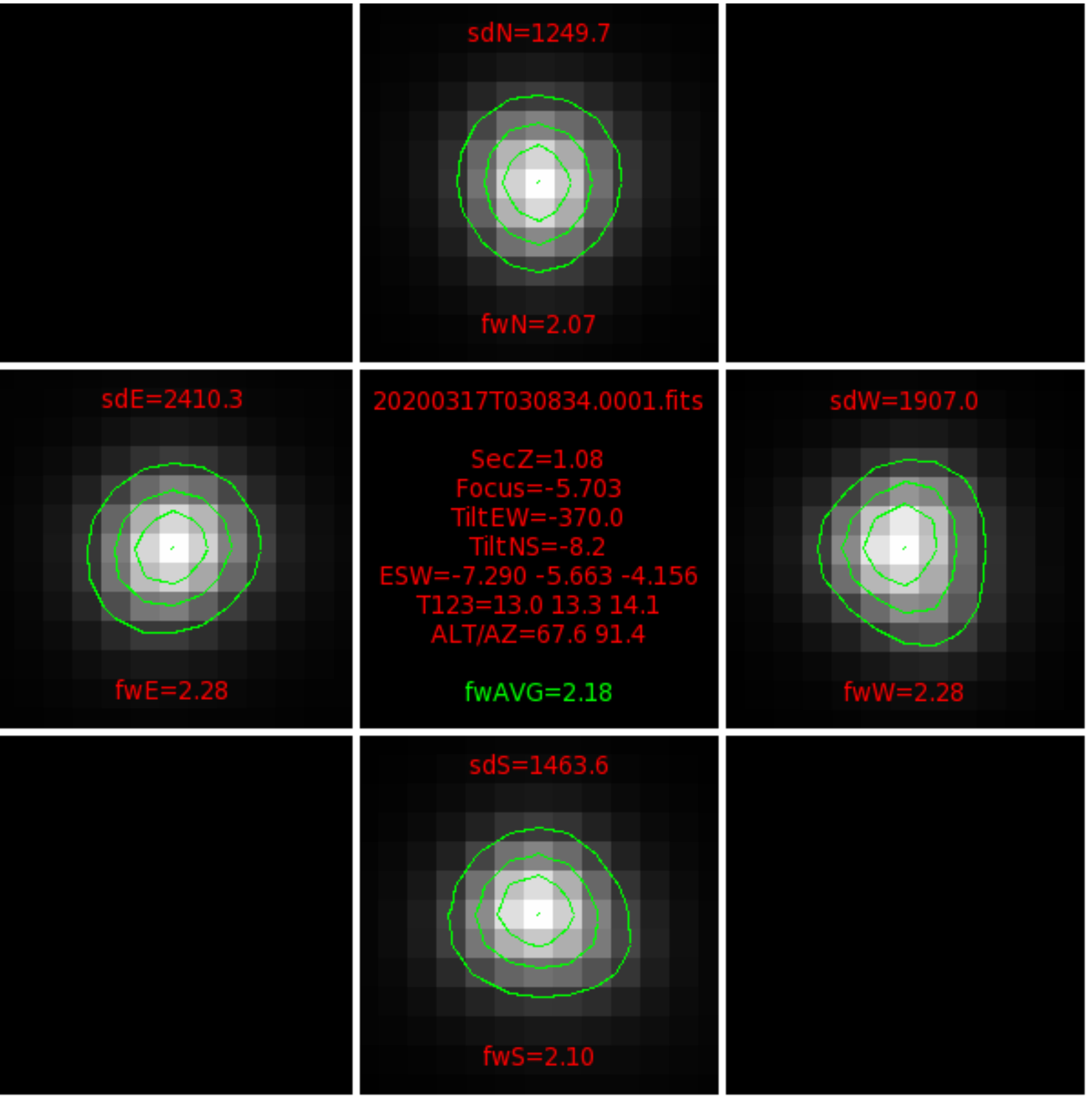
sdN=1249.7
fwN=2.07
sdE=2410.3
fwE=2.28
20200317T030834.0001.fits
SecZ=1.08
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.3 14.1
ALT/AZ=67.6 91.4
fwAVG=2.18
sdW=1907.0
fwW=2.28
sdS=1463.6
fwS=2.10
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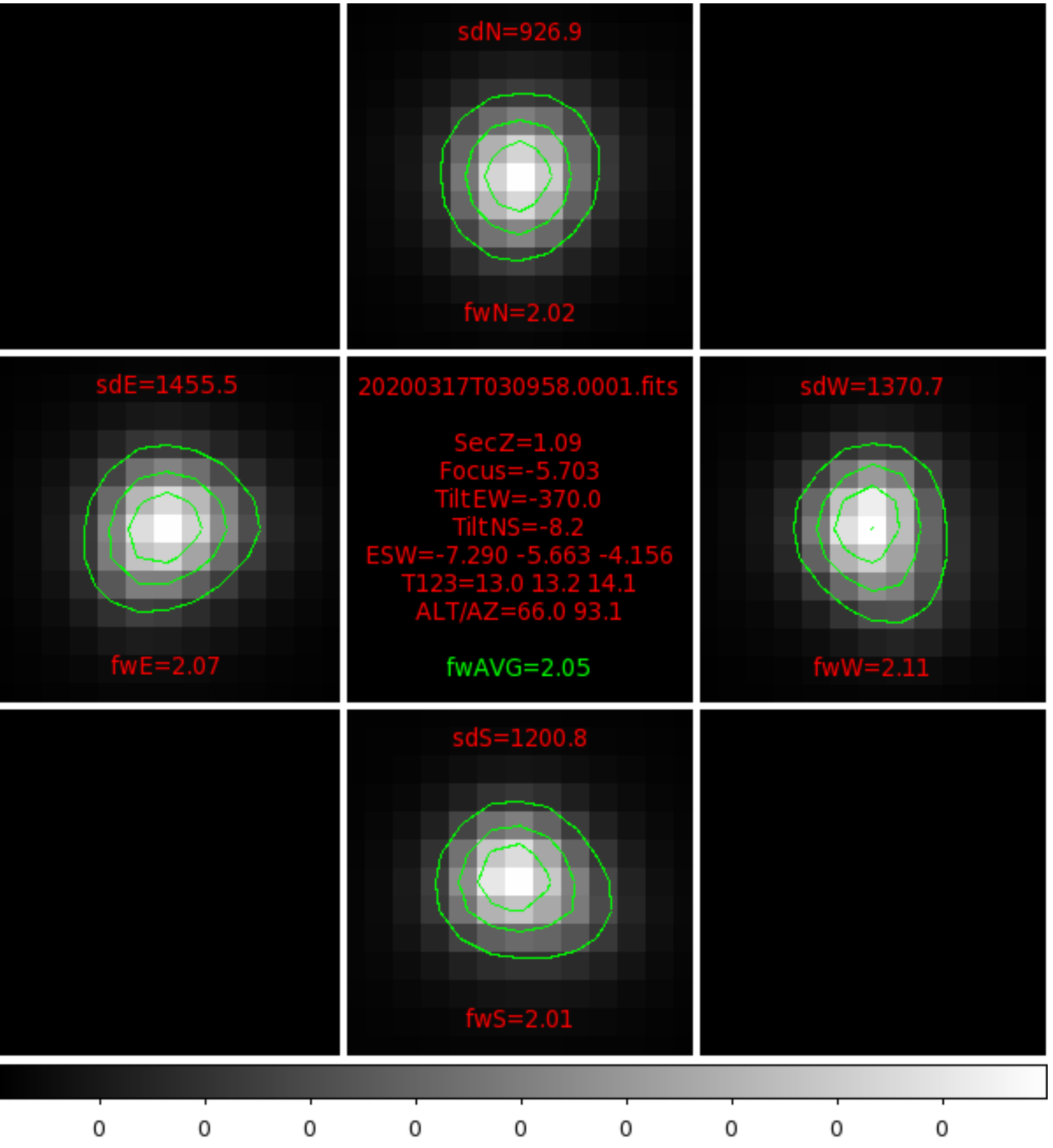
sdN=926.9
fwN=2.02
sdE=1455.5
fwE=2.07
20200317T030958.0001.fits
SecZ=1.09
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.2 14.1
ALT/AZ=66.0 93.1
fwAVG=2.05
sdW=1370.7
fwW=2.11
sdS=1200.8
fwS=2.01
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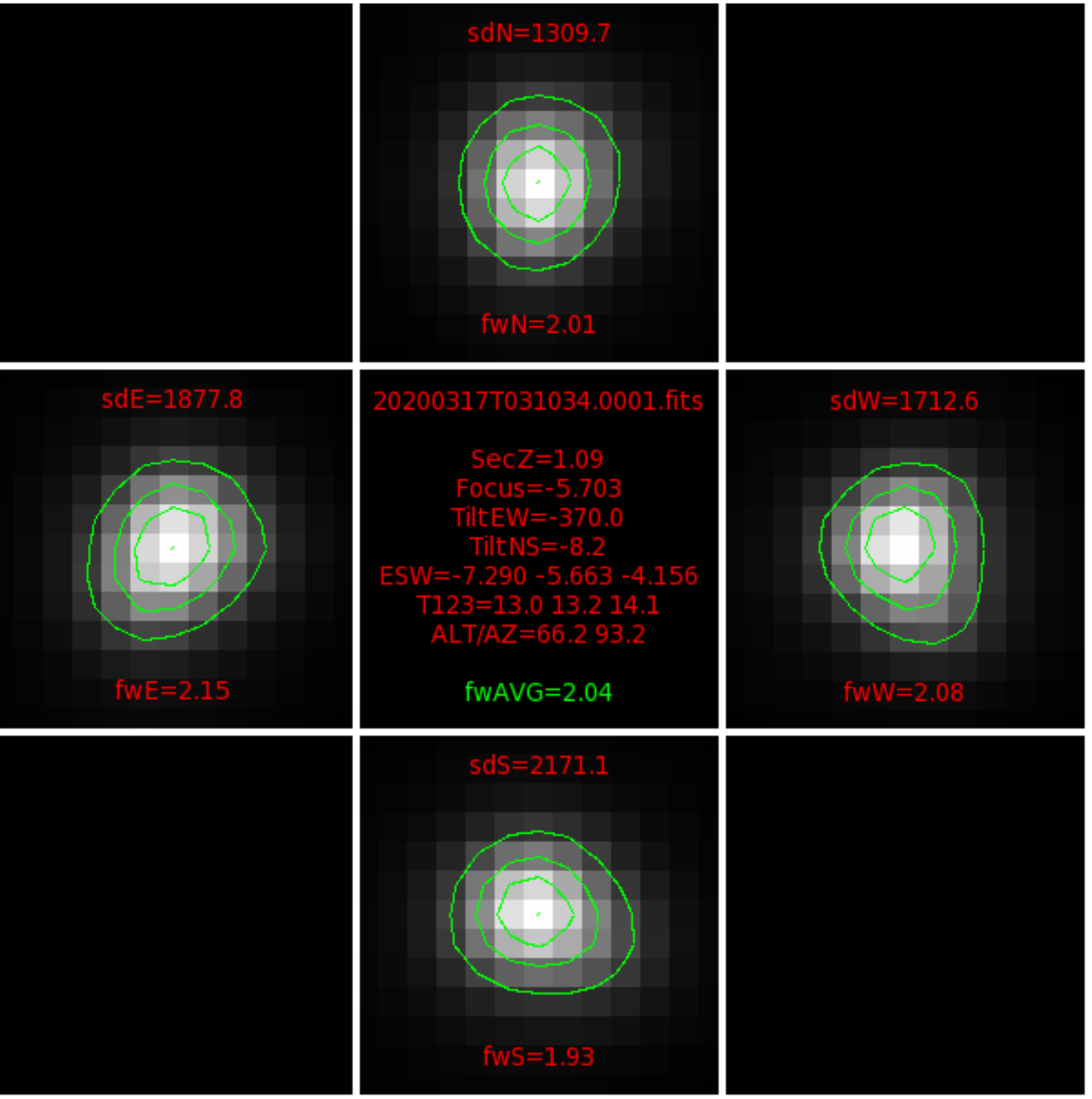
sdN=1309.7
fwN=2.01
sdE=1877.8
fwE=2.15
20200317T031034.0001.fits
SecZ=1.09
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.2 14.1
ALT/AZ=66.2 93.2
fwAVG=2.04
sdW=1712.6
fwW=2.08
sdS=2171.1
fwS=1.93
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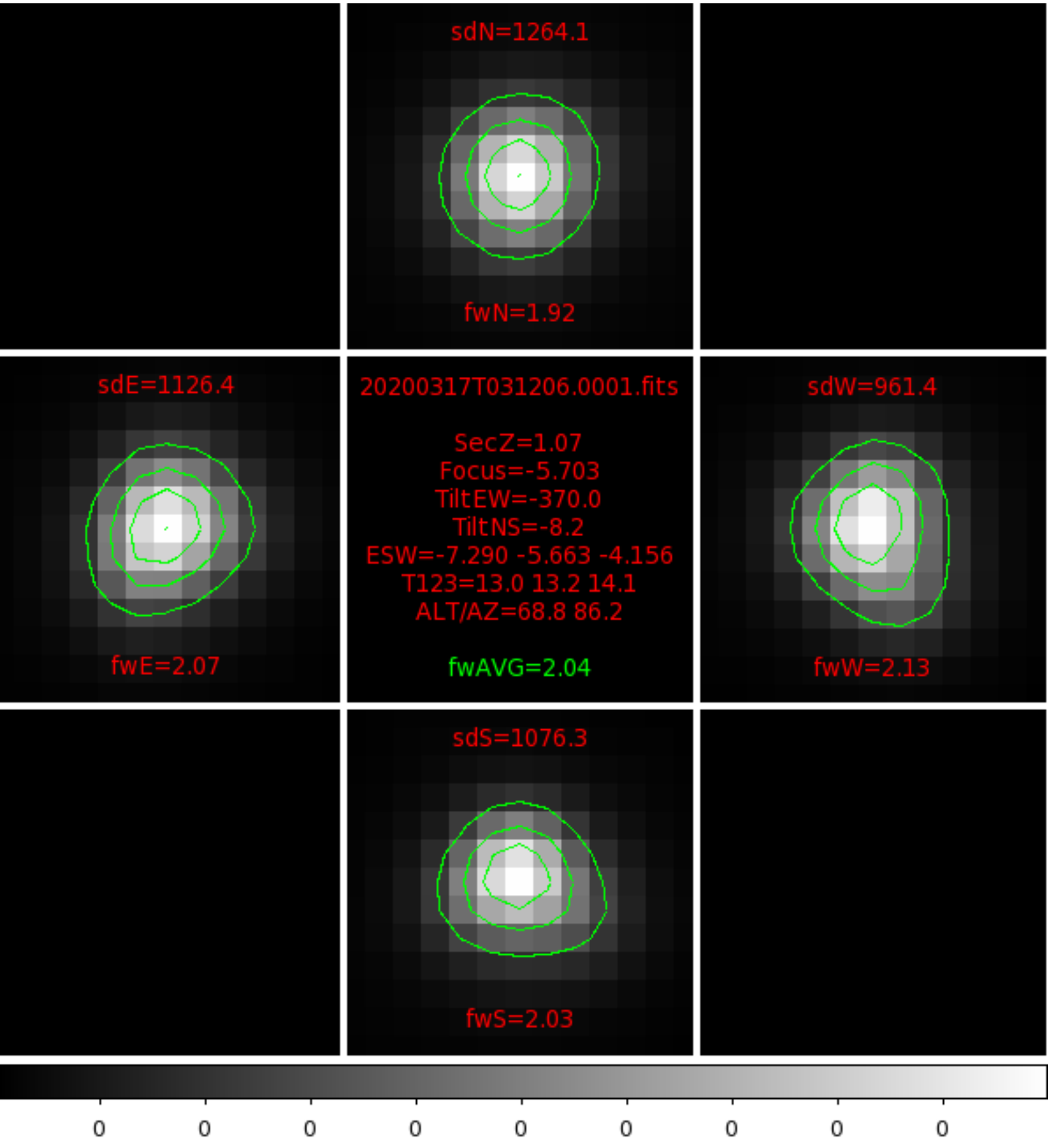
sdN=1264.1
fwN=1.92
sdE=1126.4
fwE=2.07
20200317T031206.0001.fits
SecZ=1.07
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.2 14.1
ALT/AZ=68.8 86.2
fwAVG=2.04
sdW=961.4
fwW=2.13
sdS=1076.3
fwS=2.03
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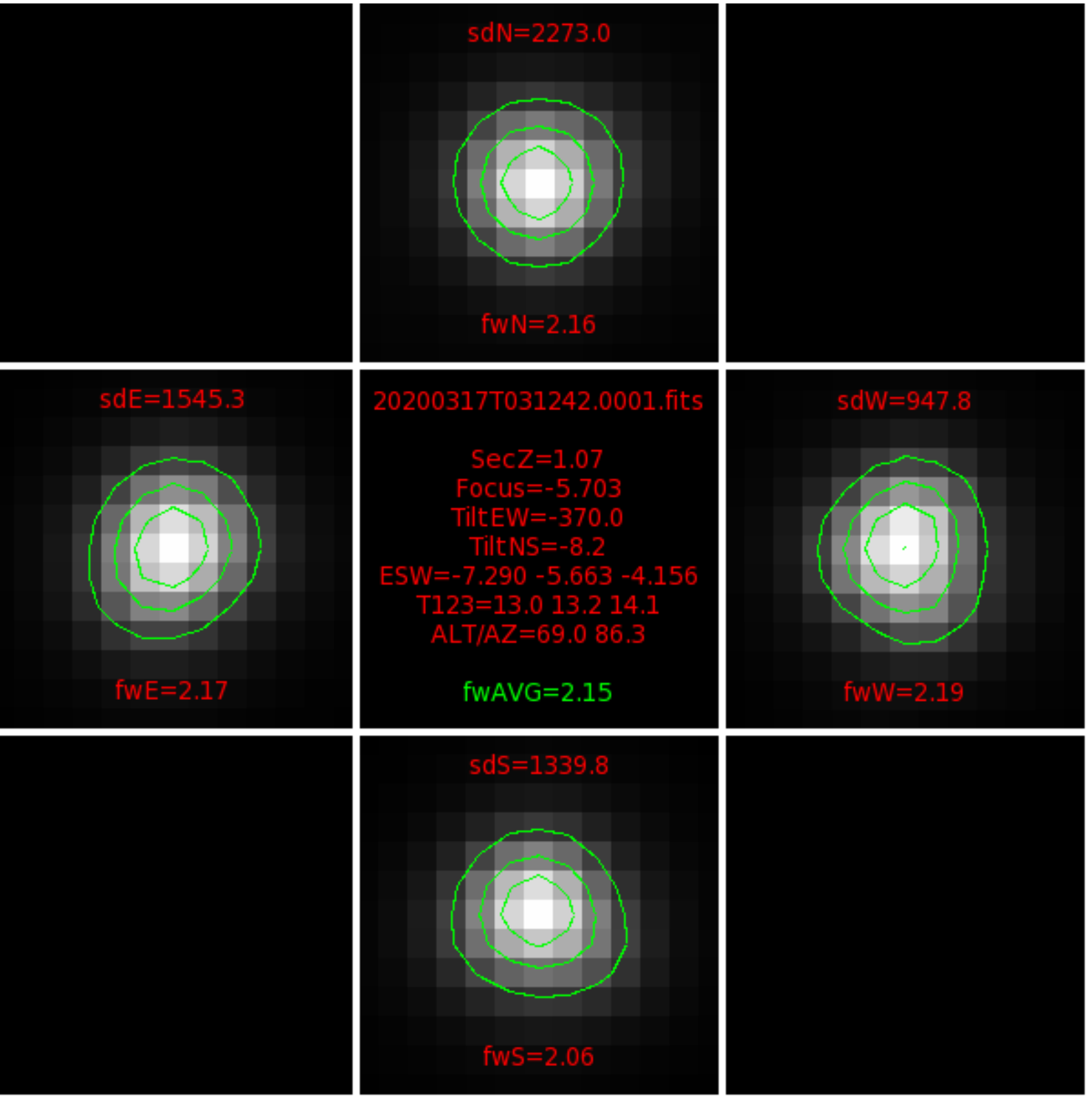
sdN=2273.0
fwN=2.16
sdE=1545.3
fwE=2.17
20200317T031242.0001.fits
SecZ=1.07
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.2 14.1
ALT/AZ=69.0 86.3
fwAVG=2.15
sdW=947.8
fwW=2.19
sdS=1339.8
fwS=2.06
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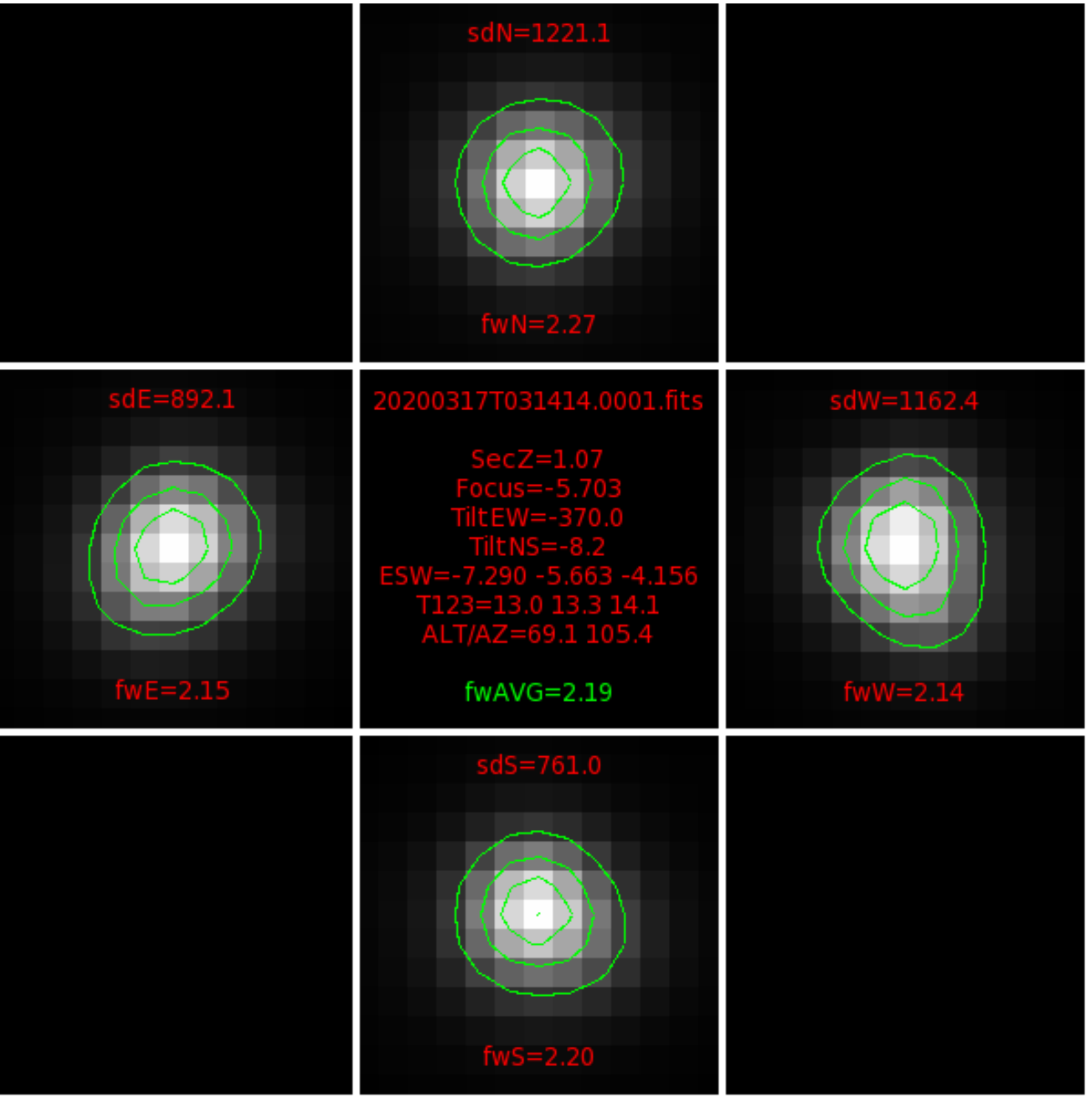
sdN=1221.1
fwN=2.27
sdE=892.1
fwE=2.15
20200317T031414.0001.fits
SecZ=1.07
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.3 14.1
ALT/AZ=69.1 105.4
fwAVG=2.19
sdW=1162.4
fwW=2.14
sdS=761.0
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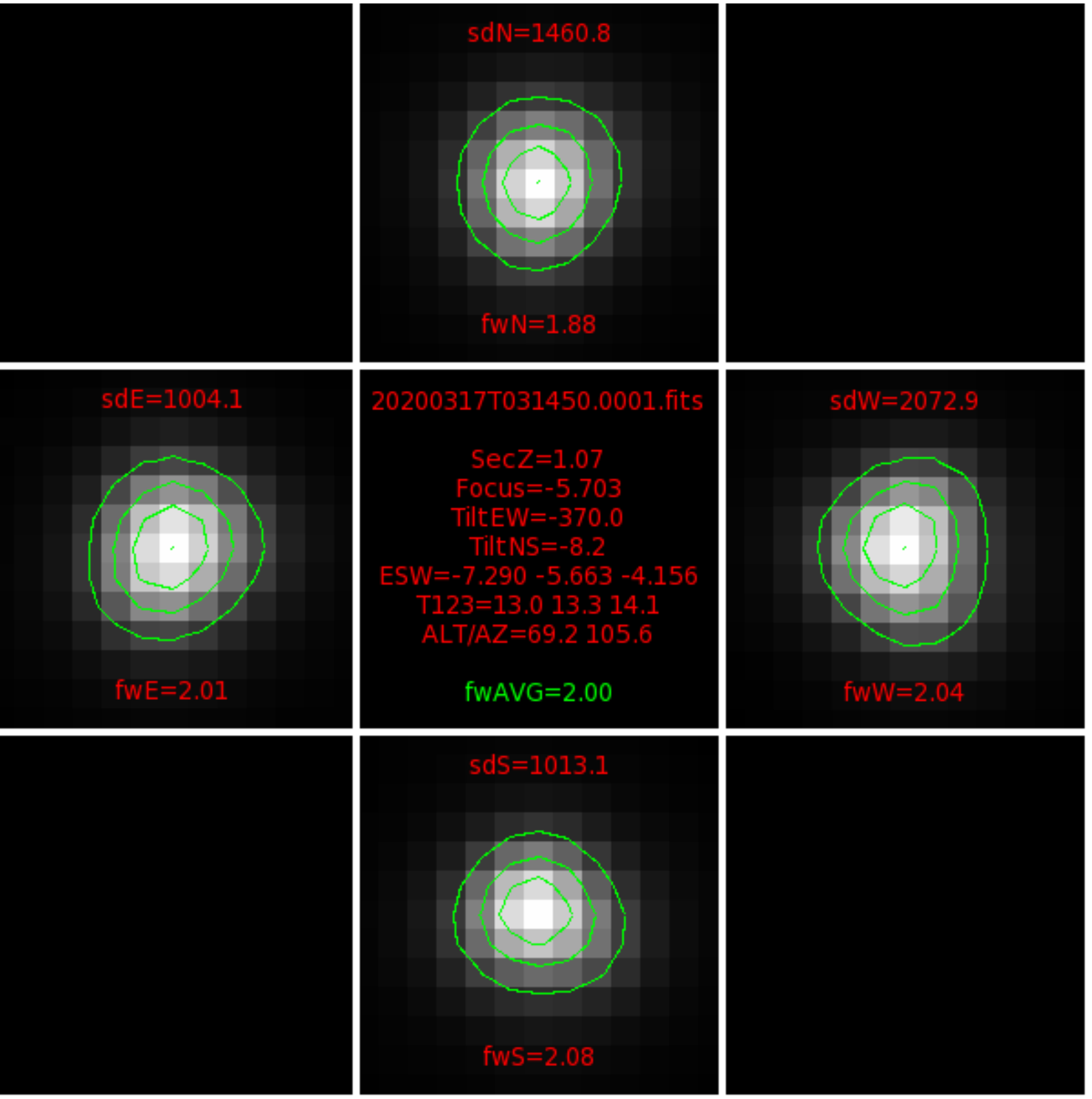
sdN=1460.8
fwN=1.88
sdE=1004.1
fwE=2.01
20200317T031450.0001.fits
SecZ=1.07
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.3 14.1
ALT/AZ=69.2 105.6
fwAVG=2.00
sdW=2072.9
fwW=2.04
sdS=1013.1
fwS=2.08
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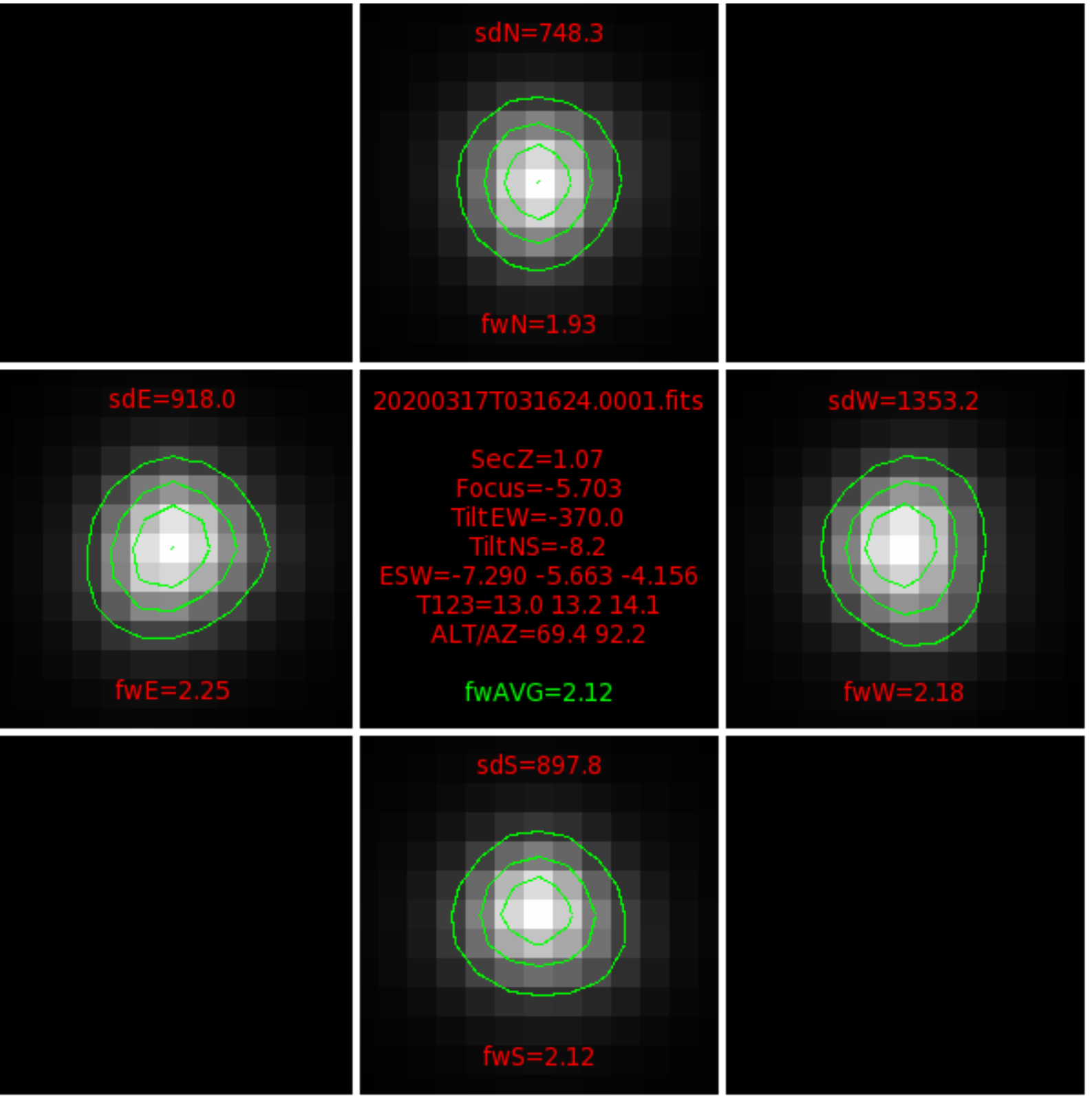
sdN=748.3
fwN=1.93
sdE=918.0
fwE=2.25
20200317T031624.0001.fits
SecZ=1.07
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.2 14.1
ALT/AZ=69.4 92.2
fwAVG=2.12
sdW=1353.2
fwW=2.18
sdS=897.8
fwS=2.12
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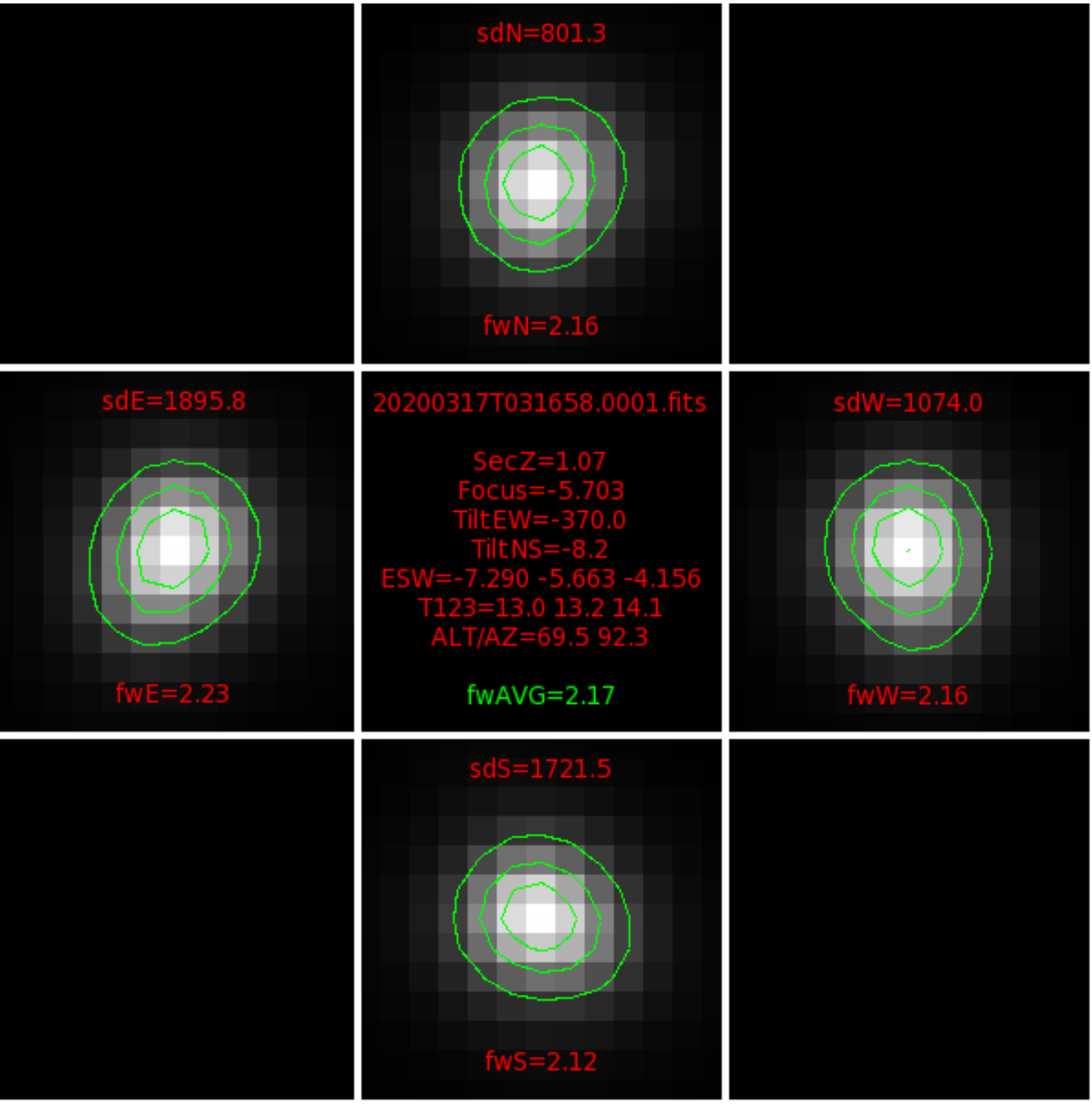
sdN=801.3
fwN=2.16
sdE=1895.8
fwE=2.23
20200317T031658.0001.fits
SecZ=1.07
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.2 14.1
ALT/AZ=69.5 92.3
fwAVG=2.17
sdW=1074.0
fwW=2.16
sdS=1721.5
fwS=2.12
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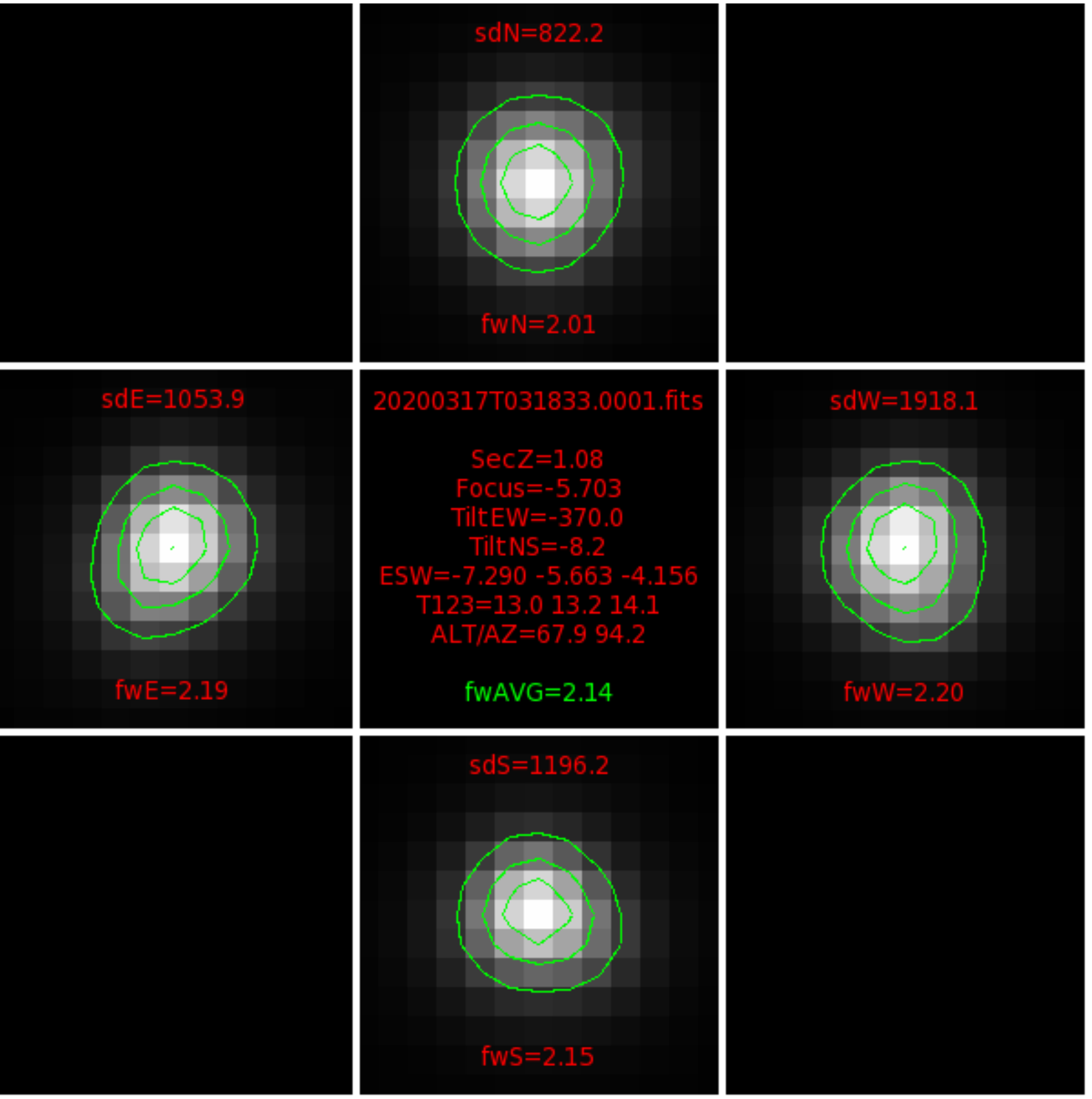
sdN=822.2
fwN=2.01
sdE=1053.9
fwE=2.19
20200317T031833.0001.fits
SecZ=1.08
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.2 14.1
ALT/AZ=67.9 94.2
fwAVG=2.14
sdW=1918.1
fwW=2.20
sdS=1196.2
fwS=2.15
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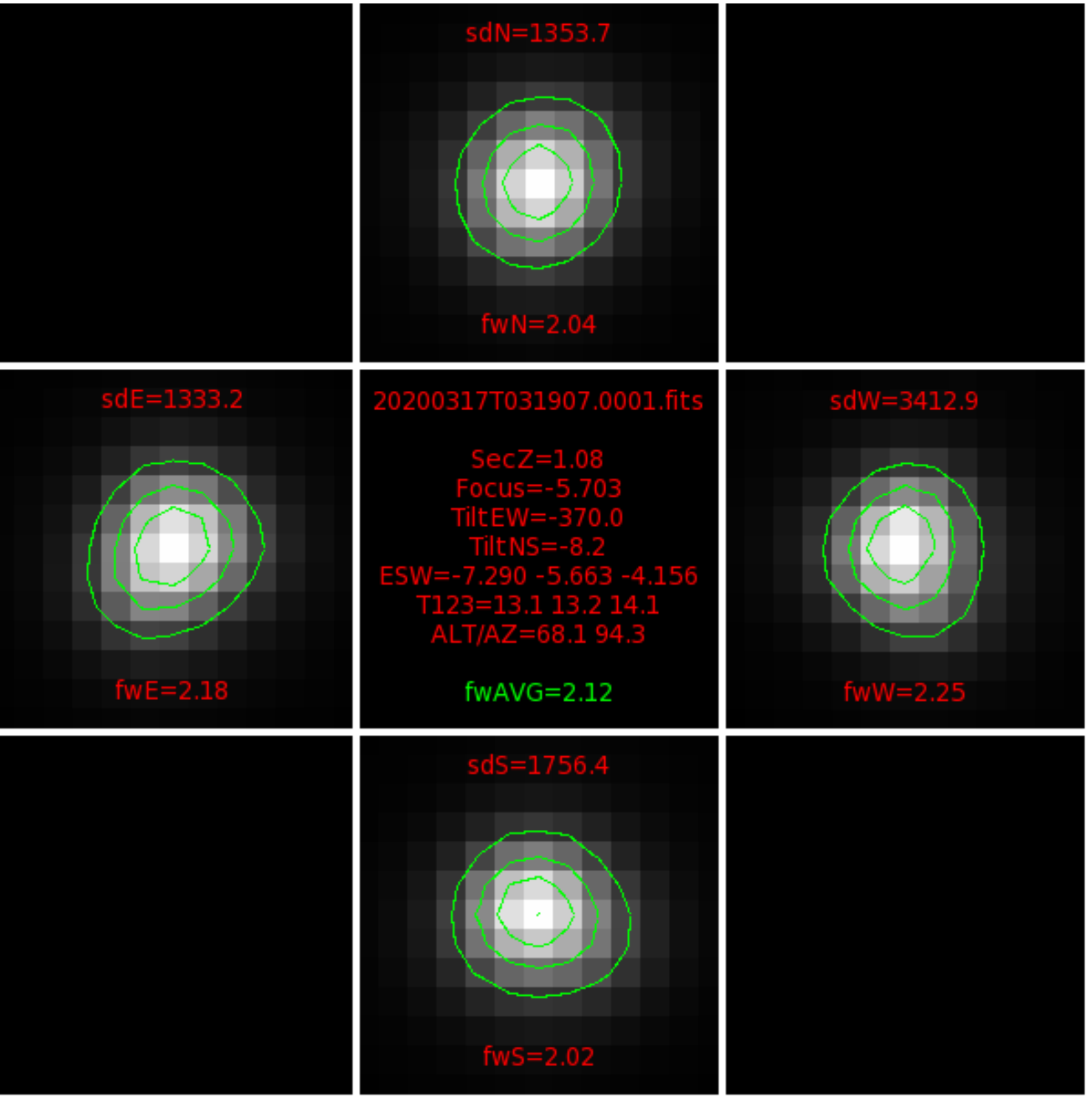
sdN=1353.7
fwN=2.04
sdE=1333.2
fwE=2.18
20200317T031907.0001.fits
SecZ=1.08
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=68.1 94.3
fwAVG=2.12
sdW=3412.9
fwW=2.25
sdS=1756.4
fwS=2.02
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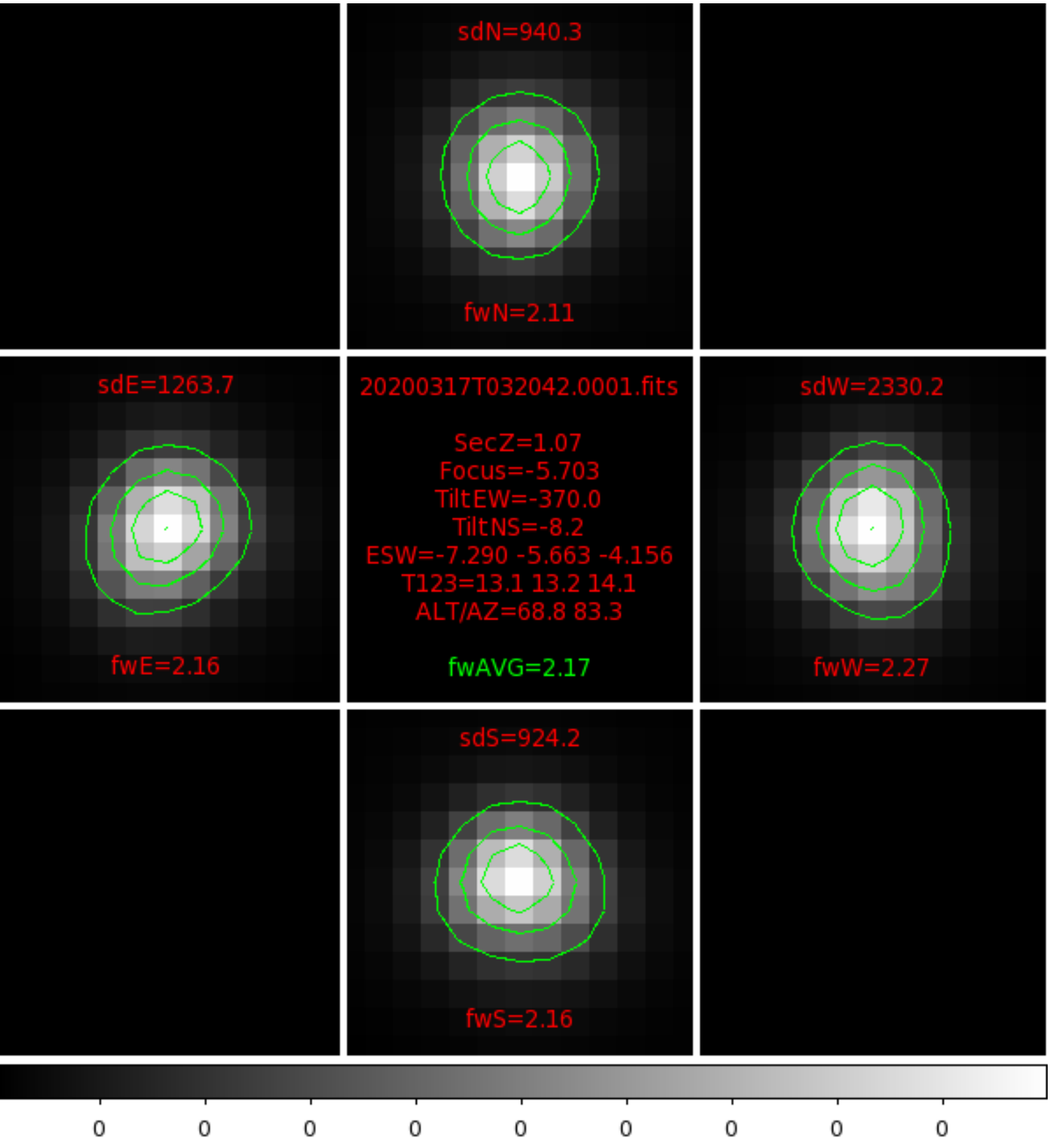
sdN=940.3
fwN=2.11
sdE=1263.7
fwE=2.16
20200317T032042.0001.fits
SecZ=1.07
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=68.8 83.3
fwAVG=2.17
sdW=2330.2
fwW=2.27
sdS=924.2
fwS=2.16
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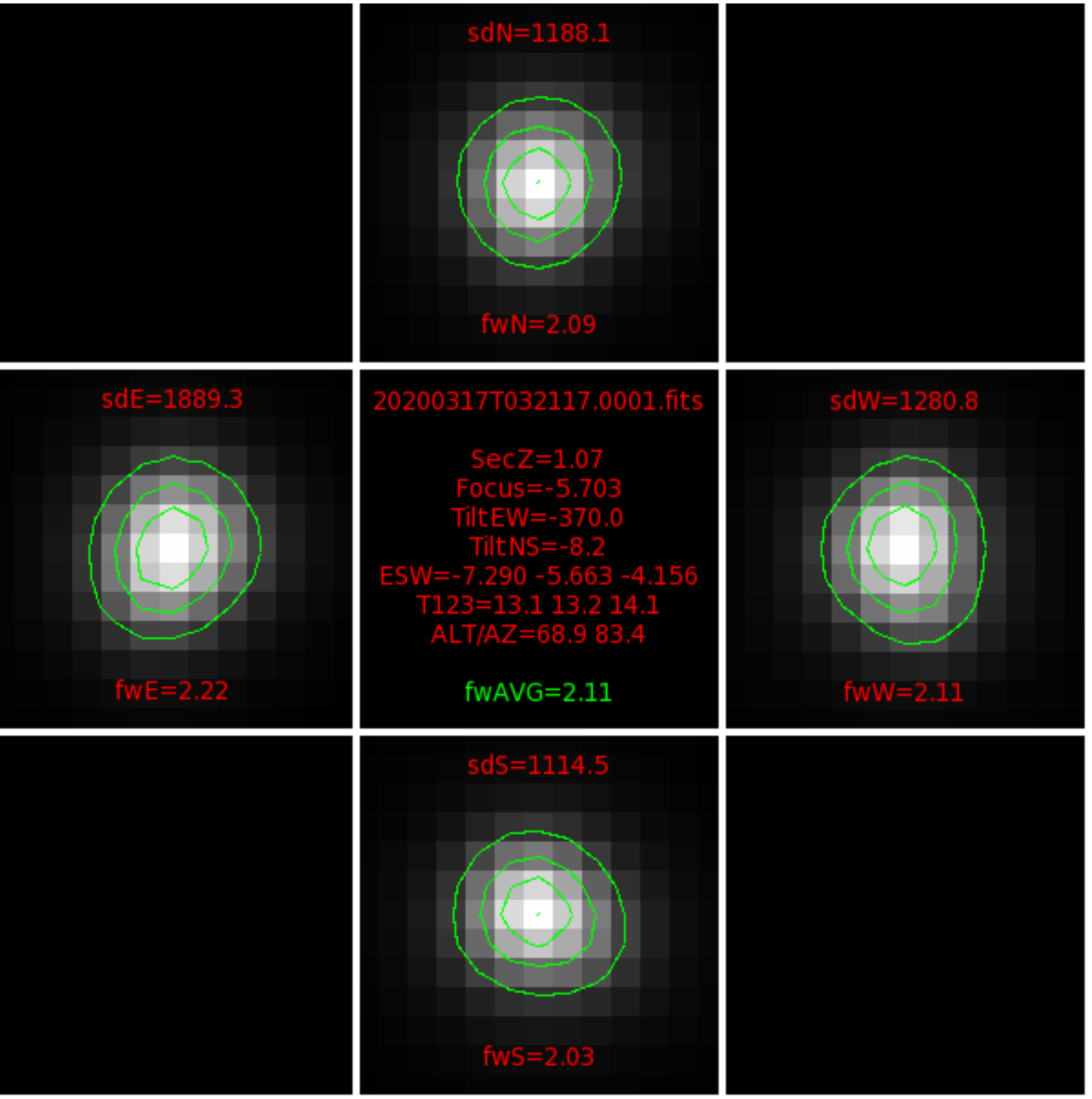
sdN=1188.1
fwN=2.09
sdE=1889.3
fwE=2.22
20200317T032117.0001.fits
SecZ=1.07
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=68.9 83.4
fwAVG=2.11
sdW=1280.8
fwW=2.11
sdS=1114.5
fwS=2.03
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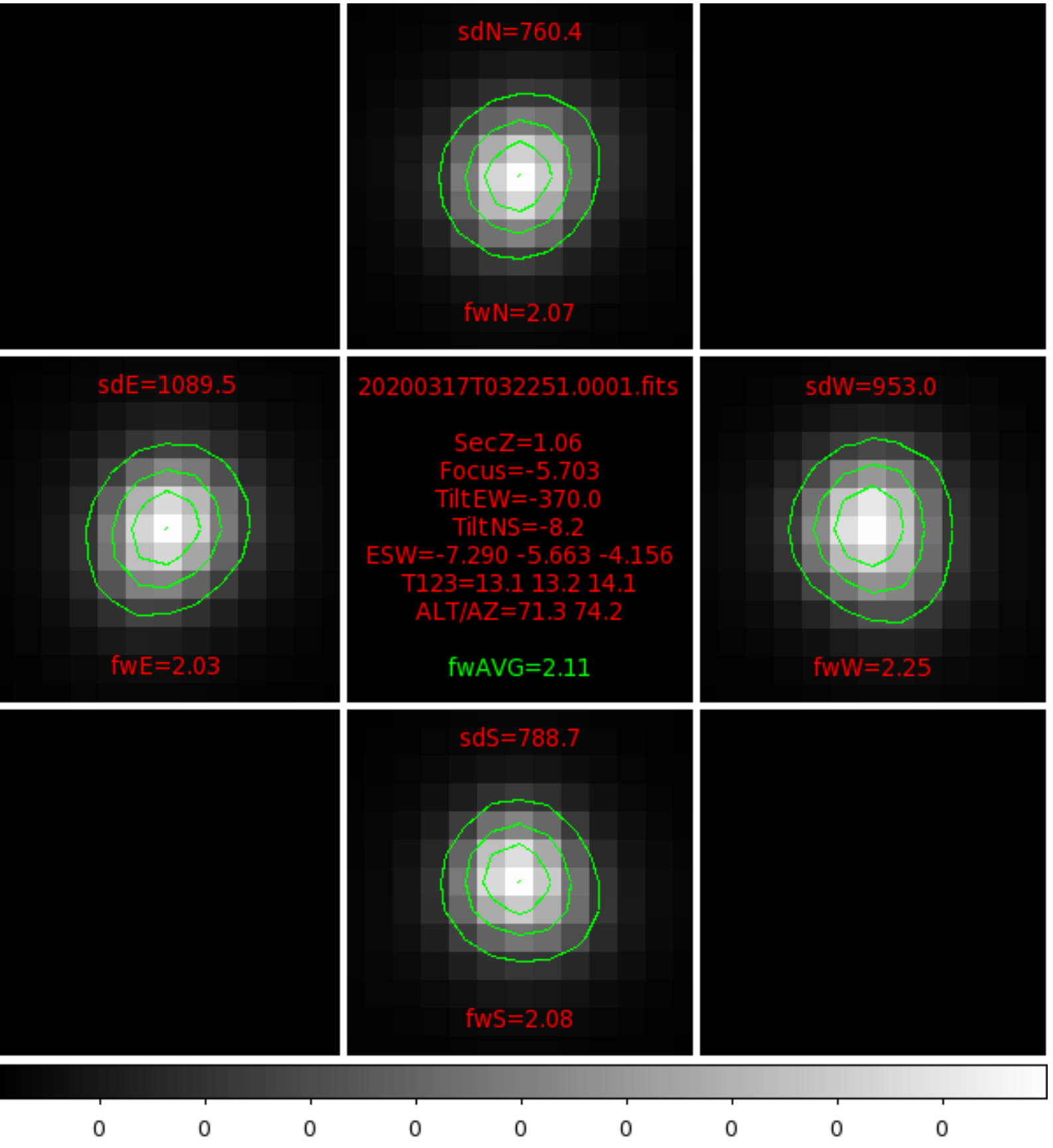
sdN=760.4
fwN=2.07
sdE=1089.5
fwE=2.03
20200317T032251.0001.fits
SecZ=1.06
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=71.3 74.2
fwAVG=2.11
sdW=953.0
fwW=2.25
sdS=788.7
fwS=2.08
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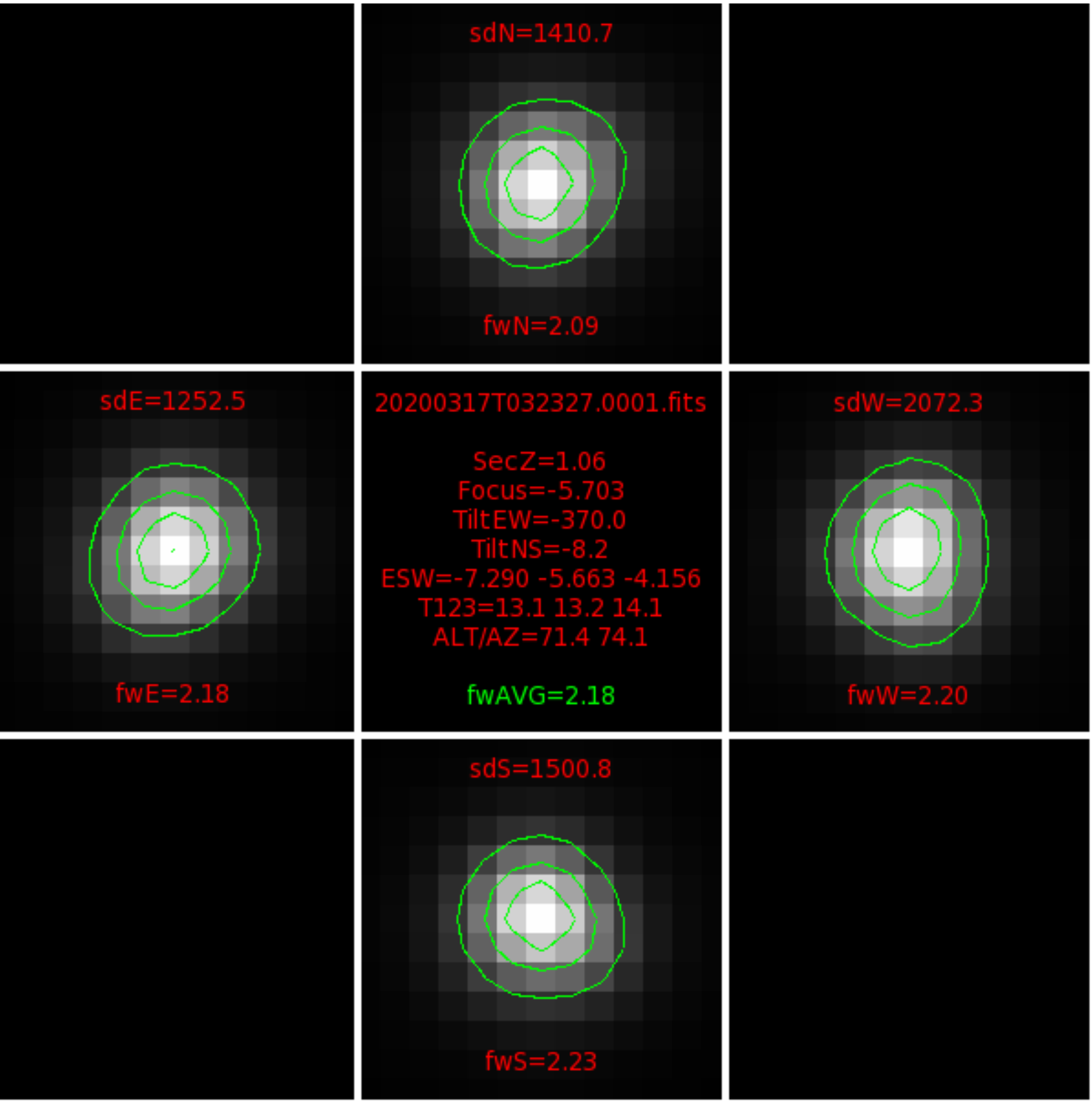
sdN=1410.7
fwN=2.09
sdE=1252.5
fwE=2.18
20200317T032327.0001.fits
SecZ=1.06
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=71.4 74.1
fwAVG=2.18
sdW=2072.3
fwW=2.20
sdS=1500.8
fwS=2.23
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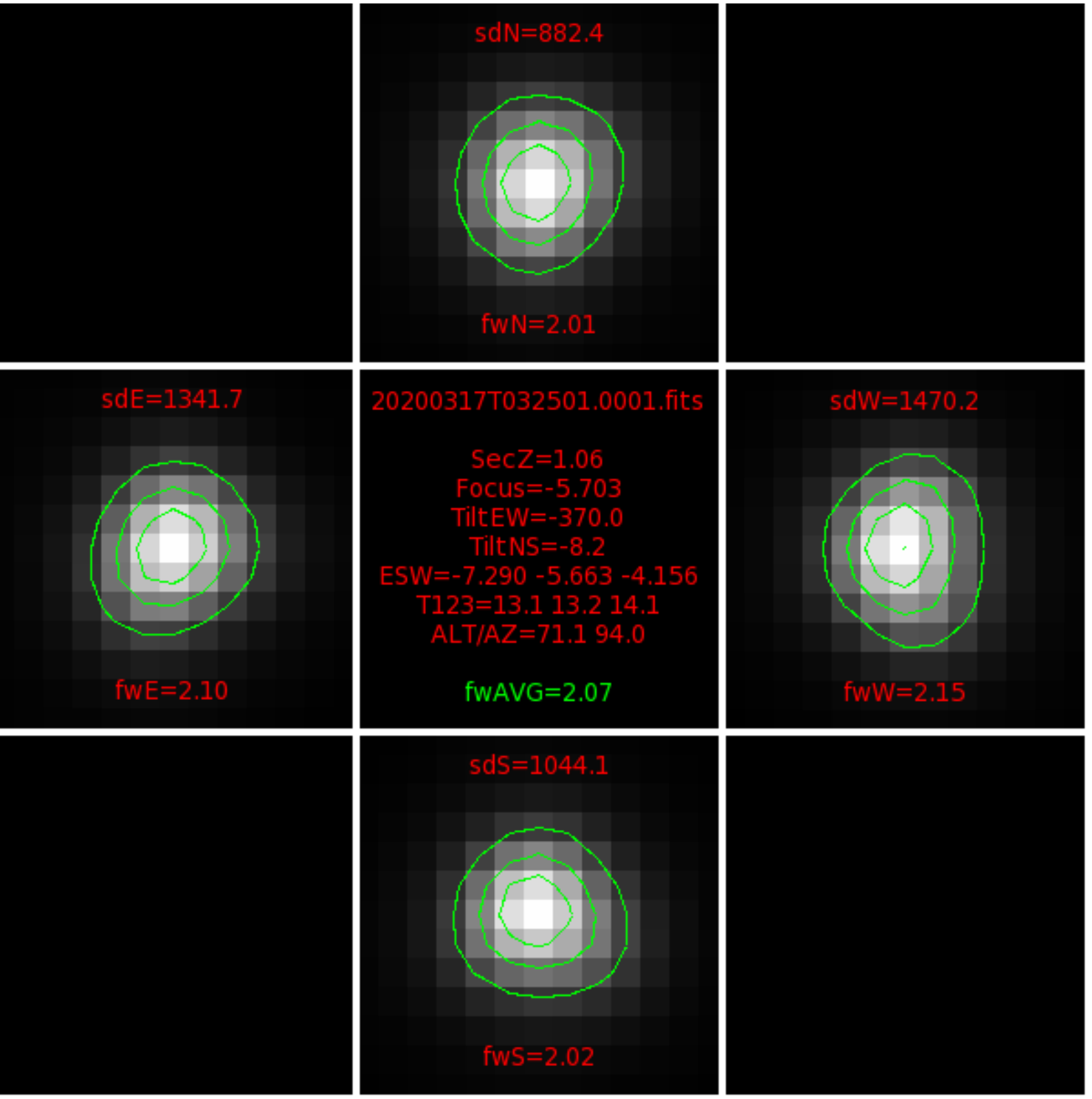
sdN=882.4
fwN=2.01
sdE=1341.7
fwE=2.10
20200317T032501.0001.fits
SecZ=1.06
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.1 13.2 14.1
ALT/AZ=71.1 94.0
fwAVG=2.07
sdW=1470.2
fwW=2.15
sdS=1044.1
fwS=2.02
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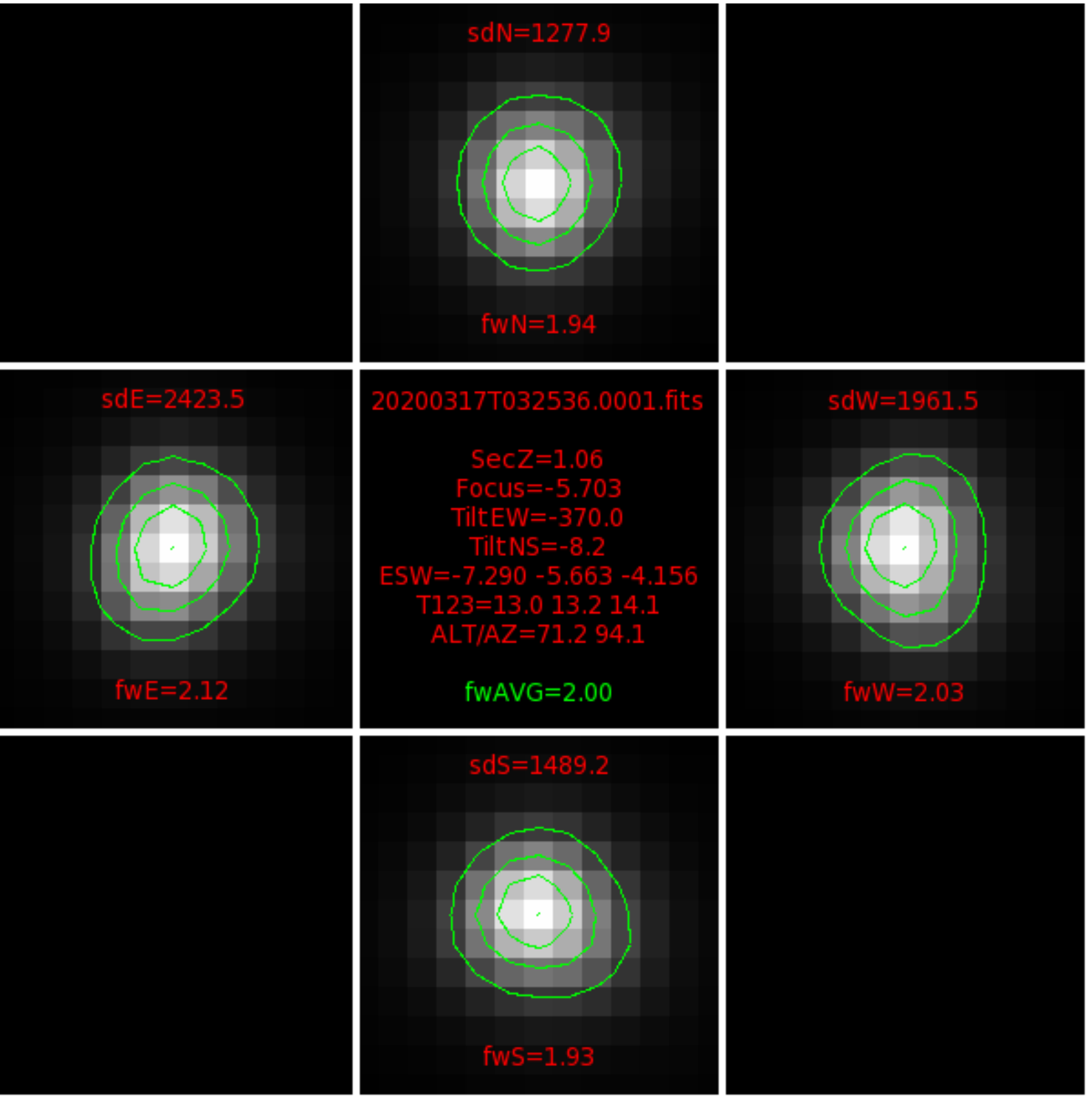
sdN=1277.9
fwN=1.94
sdE=2423.5
fwE=2.12
20200317T032536.0001.fits
SecZ=1.06
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.2 14.1
ALT/AZ=71.2 94.1
fwAVG=2.00
sdW=1961.5
fwW=2.03
sdS=1489.2
fwS=1.93
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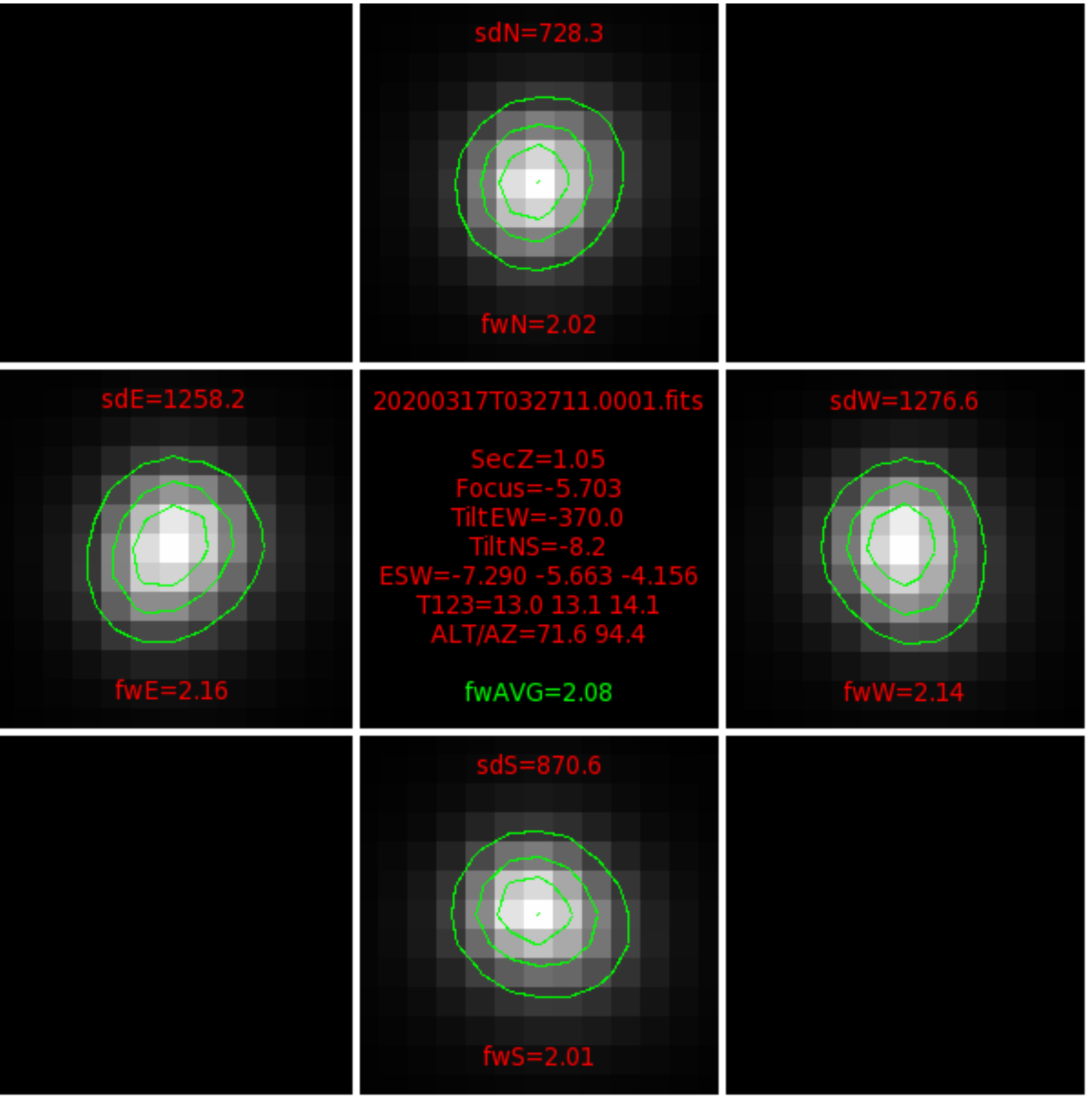
sdN=728.3
fwN=2.02
sdE=1258.2
fwE=2.16
20200317T032711.0001.fits
SecZ=1.05
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.1 14.1
ALT/AZ=71.6 94.4
fwAVG=2.08
sdW=1276.6
fwW=2.14
sdS=870.6
fwS=2.01
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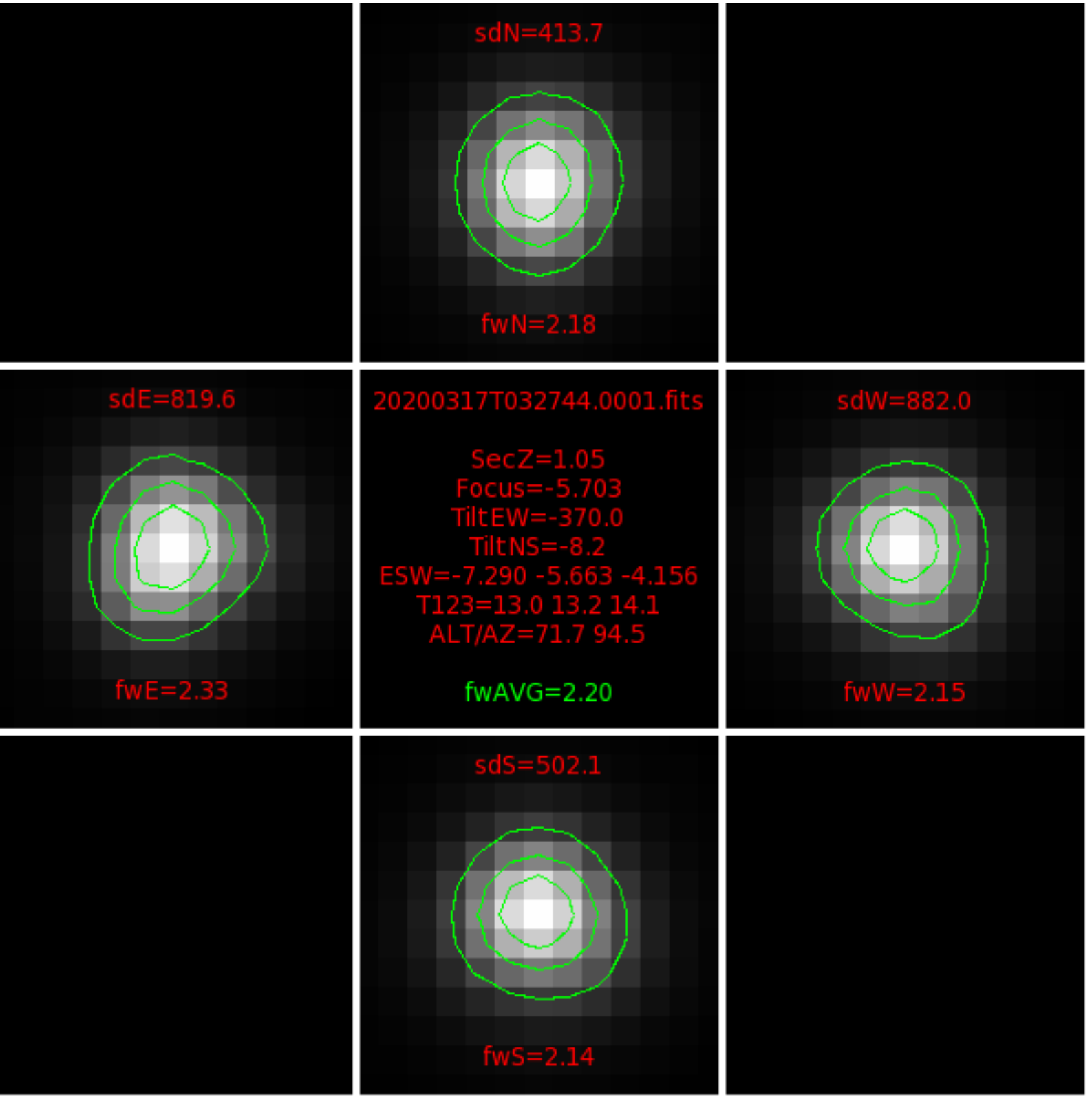
sdN=413.7
fwN=2.18
sdE=819.6
fwE=2.33
20200317T032744.0001.fits
SecZ=1.05
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.2 14.1
ALT/AZ=71.7 94.5
fwAVG=2.20
sdW=882.0
fwW=2.15
sdS=502.1
fwS=2.14
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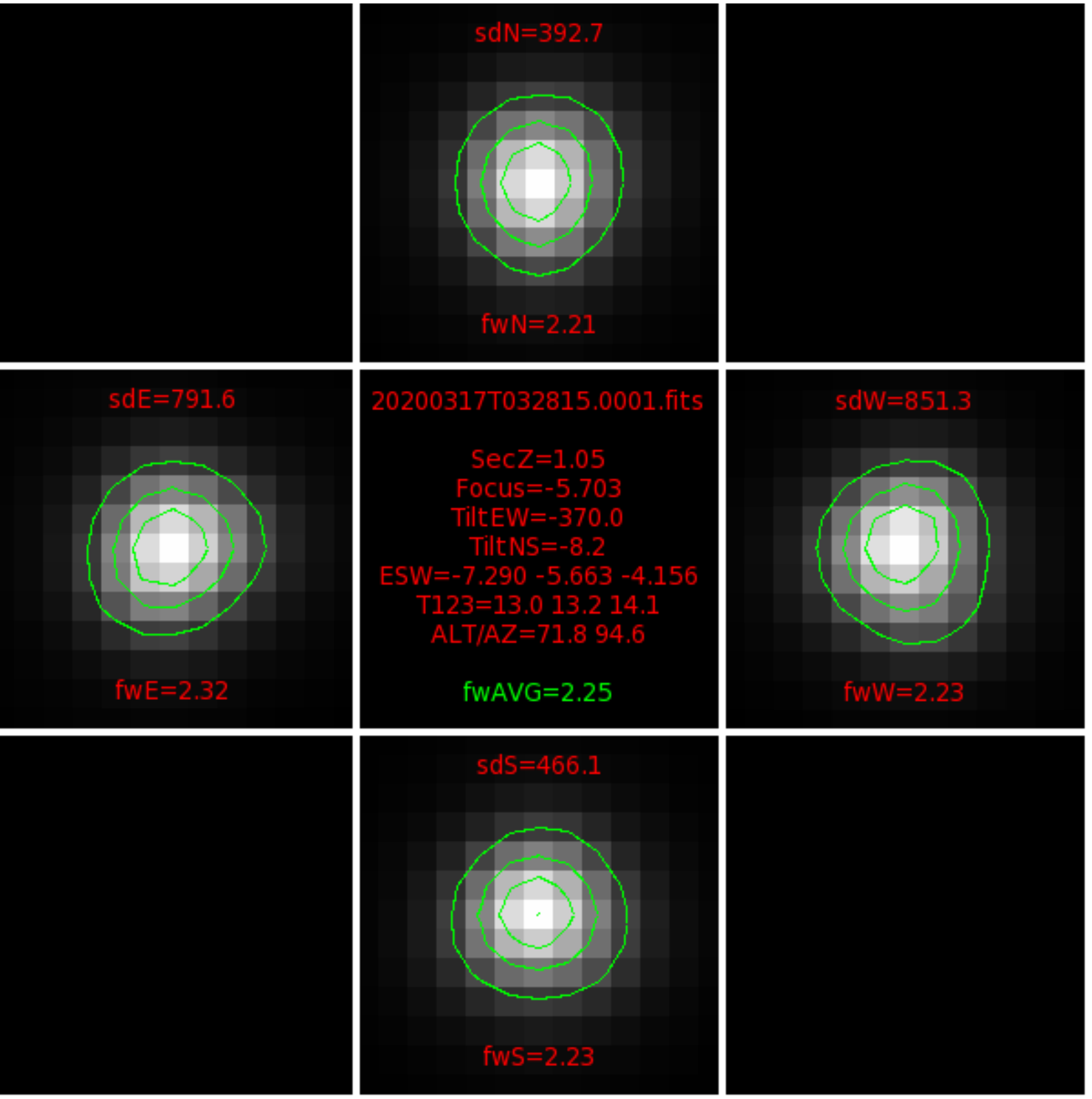
sdN=392.7
fwN=2.21
sdE=791.6
fwE=2.32
20200317T032815.0001.fits
SecZ=1.05
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.2 14.1
ALT/AZ=71.8 94.6
fwAVG=2.25
sdW=851.3
fwW=2.23
sdS=466.1
fwS=2.23
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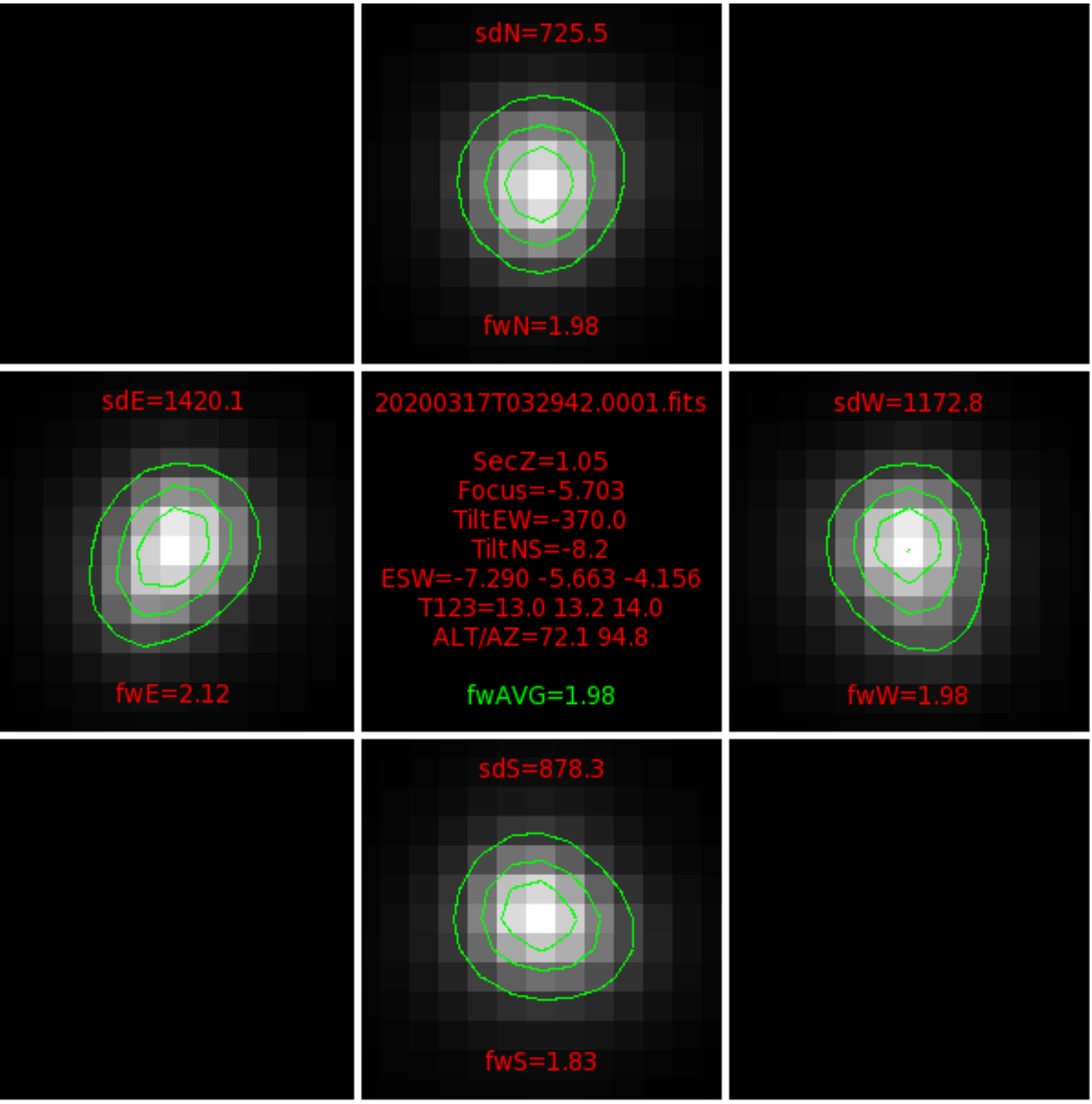
sdN=725.5
fwN=1.98
sdE=1420.1
fwE=2.12
20200317T032942.0001.fits
SecZ=1.05
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.2 14.0
ALT/AZ=72.1 94.8
fwAVG=1.98
sdW=1172.8
fwW=1.98
sdS=878.3
fwS=1.83
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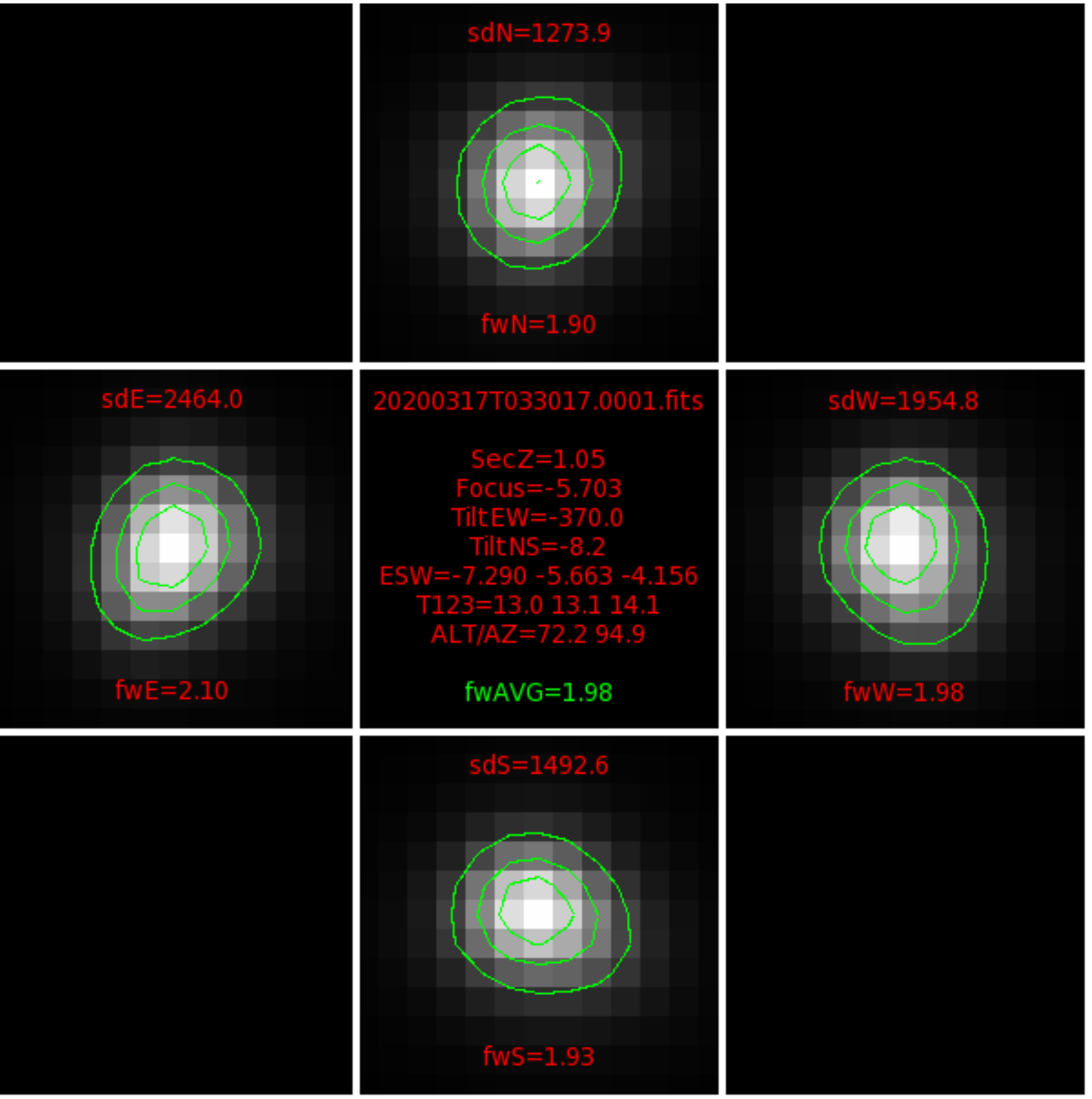
sdN=1273.9
fwN=1.90
sdE=2464.0
fwE=2.10
20200317T033017.0001.fits
SecZ=1.05
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.1 14.1
ALT/AZ=72.2 94.9
fwAVG=1.98
sdW=1954.8
fwW=1.98
sdS=1492.6
fwS=1.93
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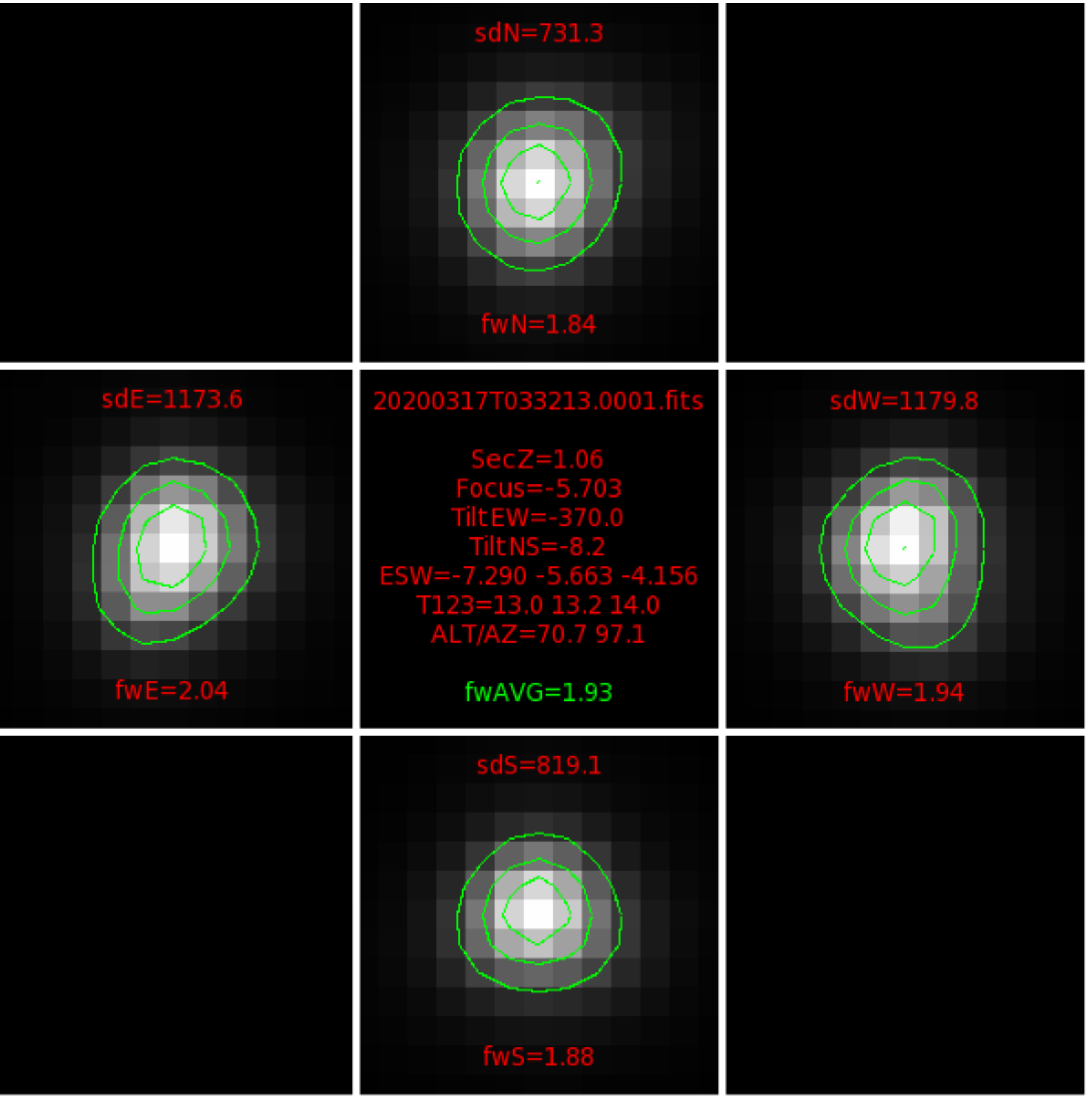
sdN=731.3
fwN=1.84
sdE=1173.6
fwE=2.04
20200317T033213.0001.fits
SecZ=1.06
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.2 14.0
ALT/AZ=70.7 97.1
fwAVG=1.93
sdW=1179.8
fwW=1.94
sdS=819.1
fwS=1.88
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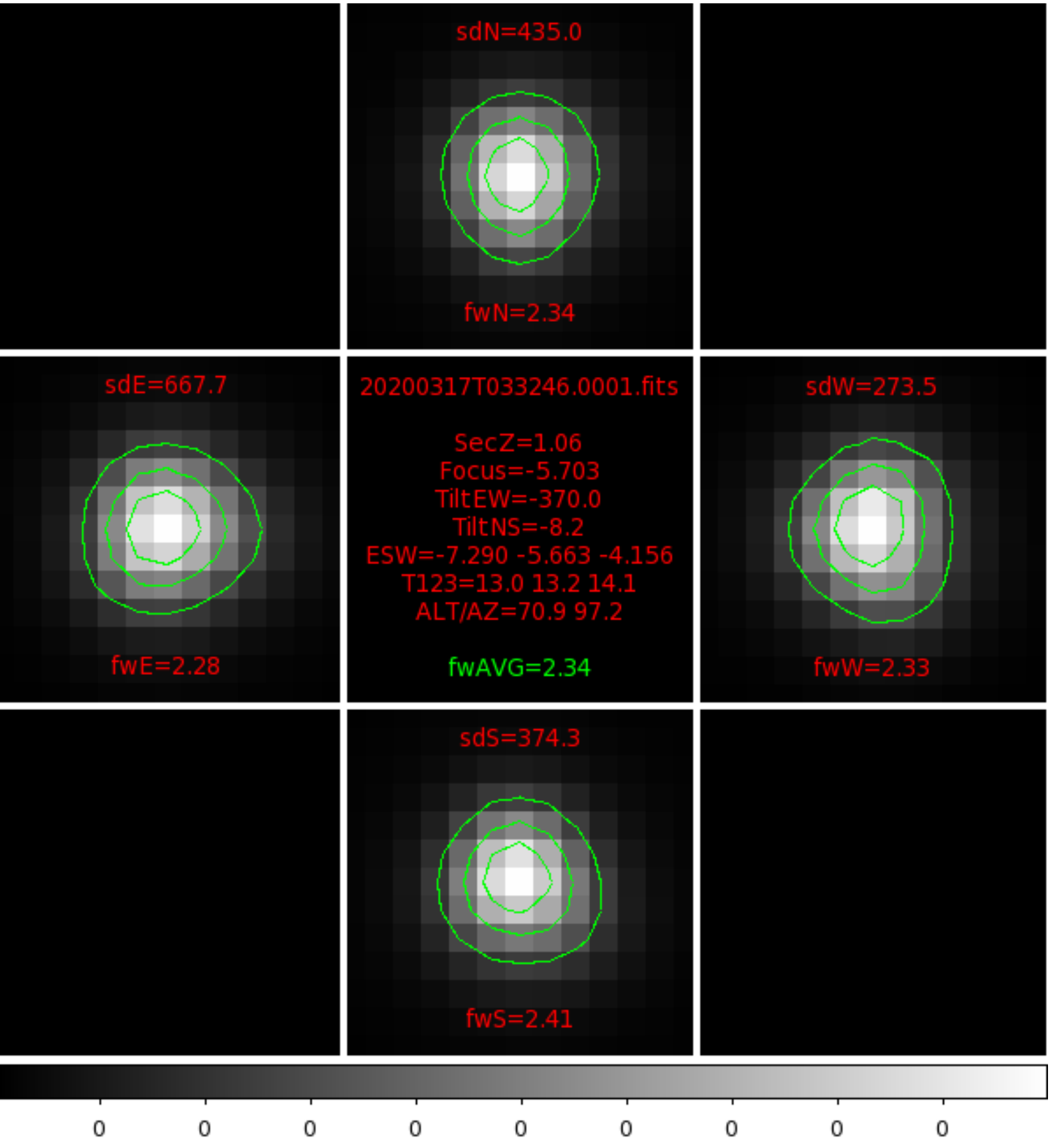
sdN=435.0
fwN=2.34
sdE=667.7
fwE=2.28
20200317T033246.0001.fits
SecZ=1.06
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.2 14.1
ALT/AZ=70.9 97.2
fwAVG=2.34
sdW=273.5
fwW=2.33
sdS=374.3
fwS=2.41
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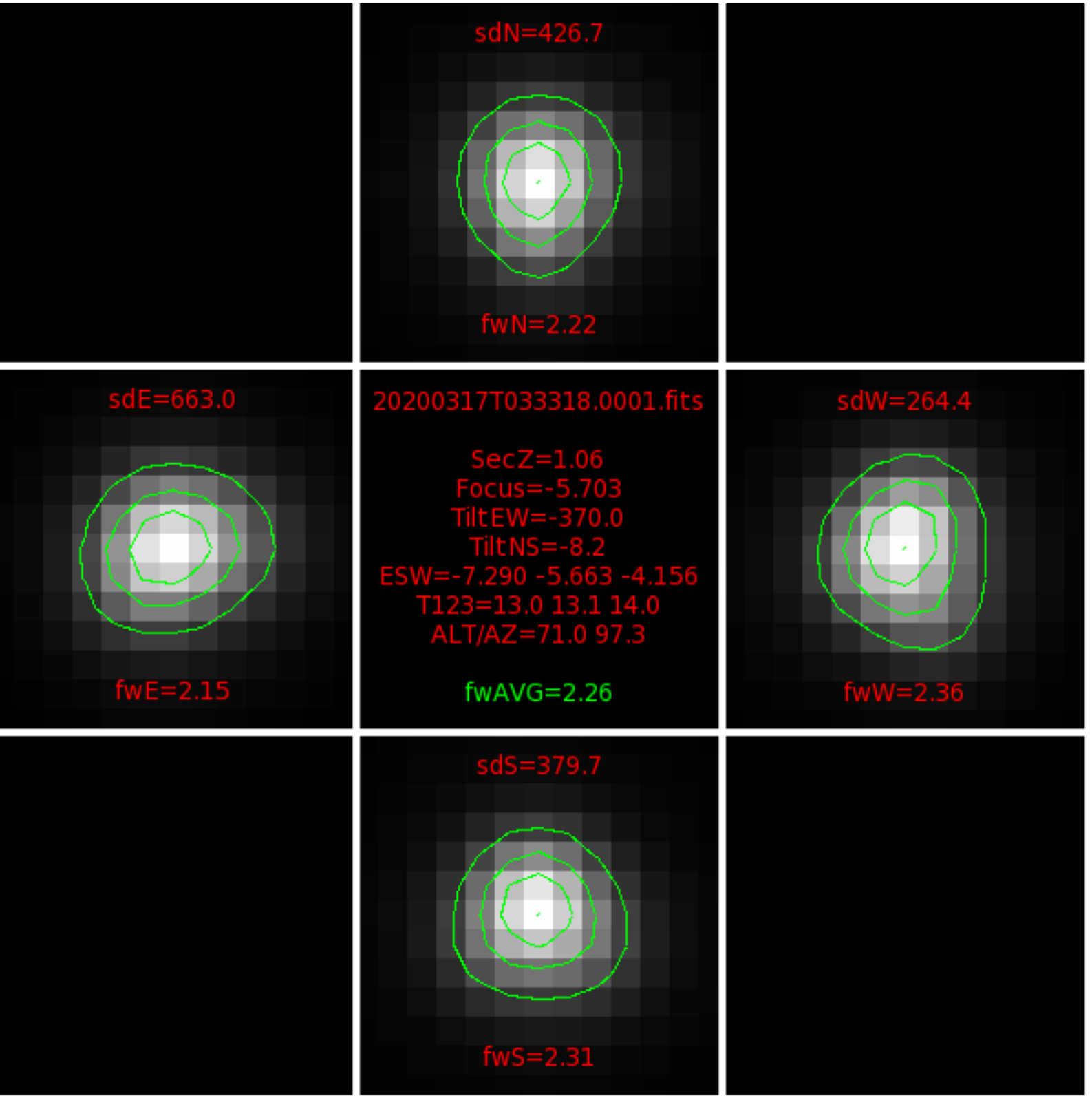
sdN=426.7
fwN=2.22
sdE=663.0
fwE=2.15
20200317T033318.0001.fits
SecZ=1.06
Focus=-5.703
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.290 -5.663 -4.156
T123=13.0 13.1 14.0
ALT/AZ=71.0 97.3
fwAVG=2.26
sdW=264.4
fwW=2.36
sdS=379.7
fwS=2.31
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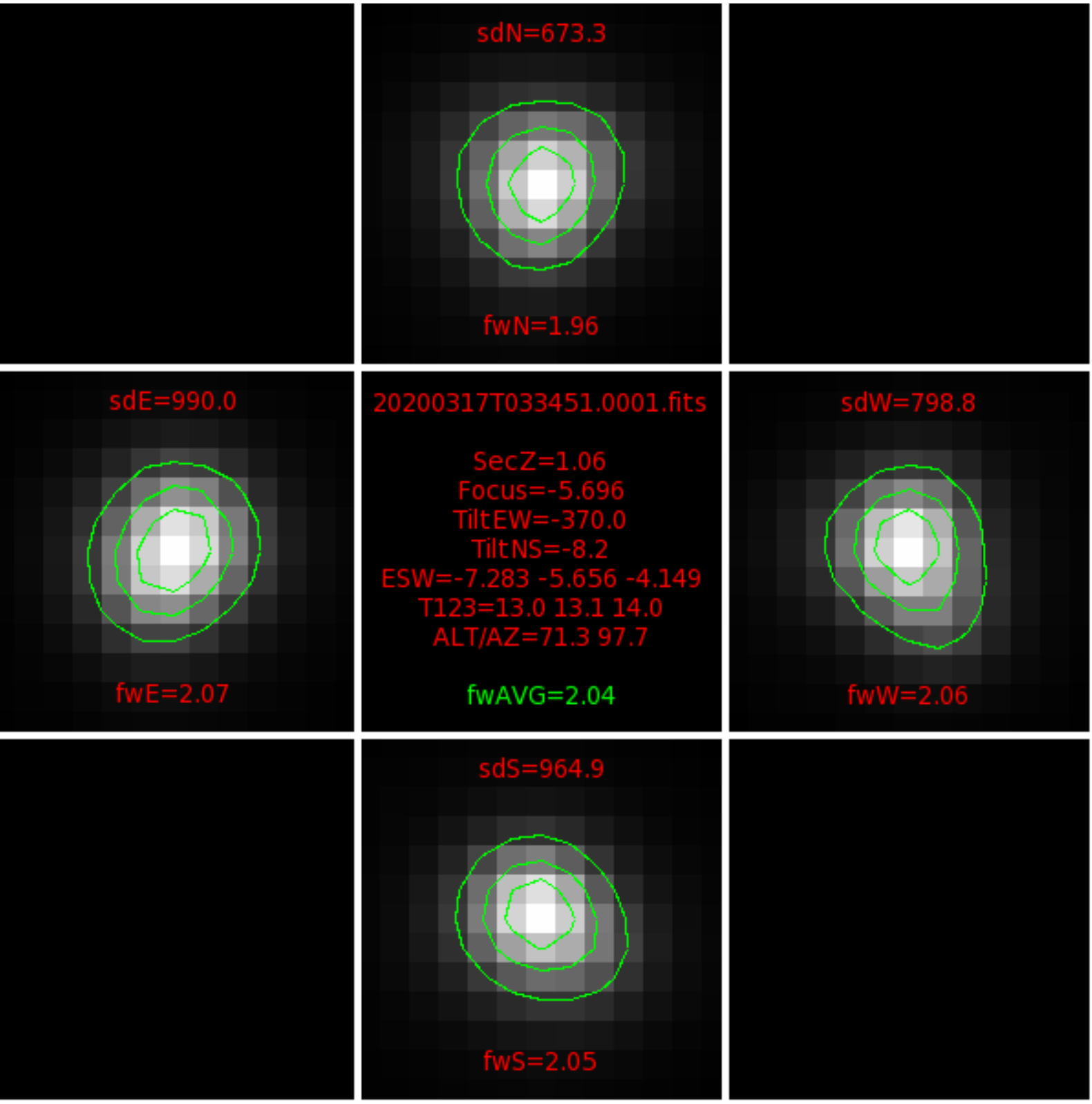
sdN=673.3
fwN=1.96
sdE=990.0
fwE=2.07
20200317T033451.0001.fits
SecZ=1.06
Focus=-5.696
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.283 -5.656 -4.149
T123=13.0 13.1 14.0
ALT/AZ=71.3 97.7
fwAVG=2.04
sdW=798.8
fwW=2.06
sdS=964.9
fwS=2.05
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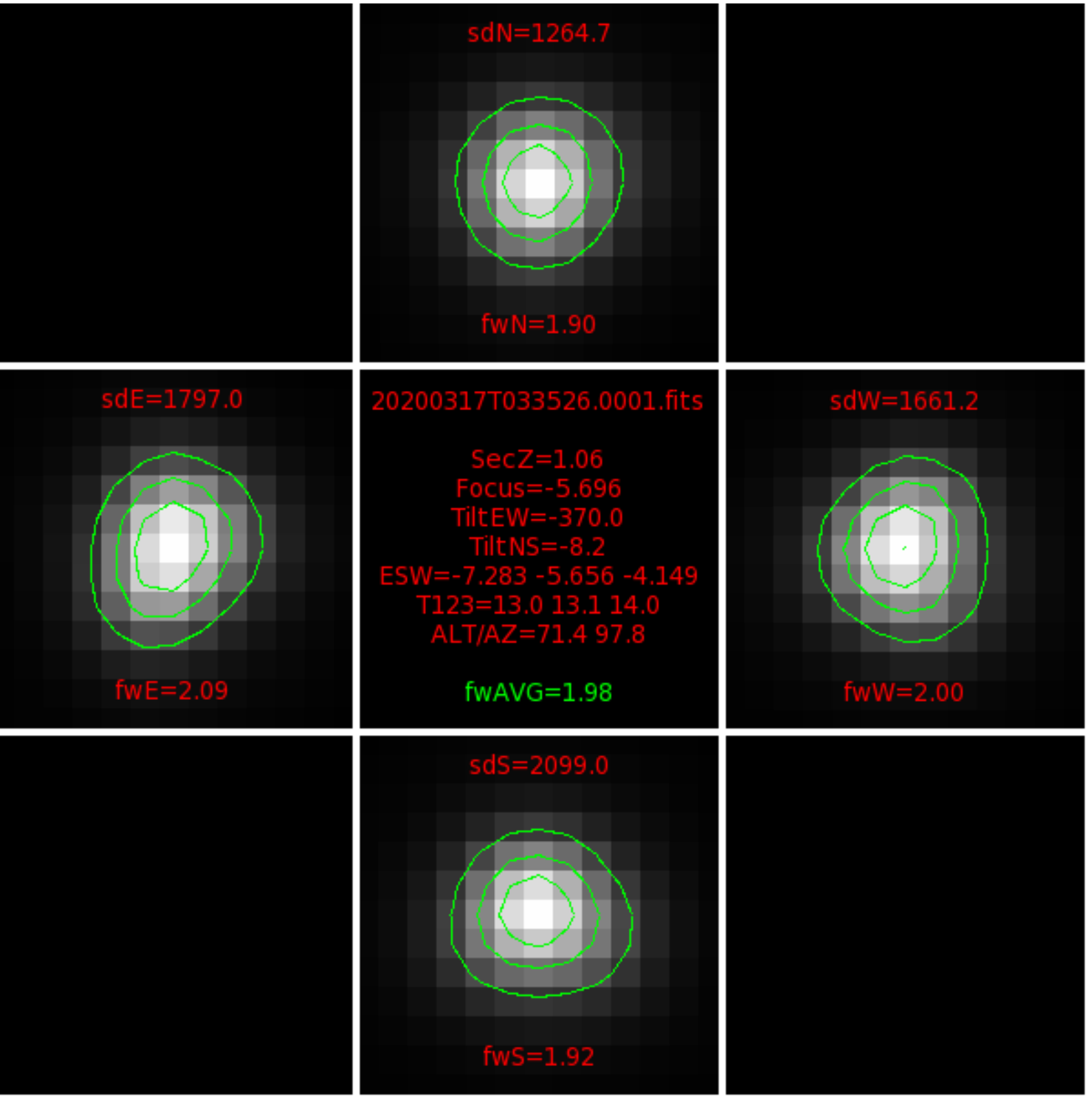
sdN=1264.7
fwN=1.90
sdE=1797.0
fwE=2.09
20200317T033526.0001.fits
SecZ=1.06
Focus=-5.696
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.283 -5.656 -4.149
T123=13.0 13.1 14.0
ALT/AZ=71.4 97.8
fwAVG=1.98
sdW=1661.2
fwW=2.00
sdS=2099.0
fwS=1.92
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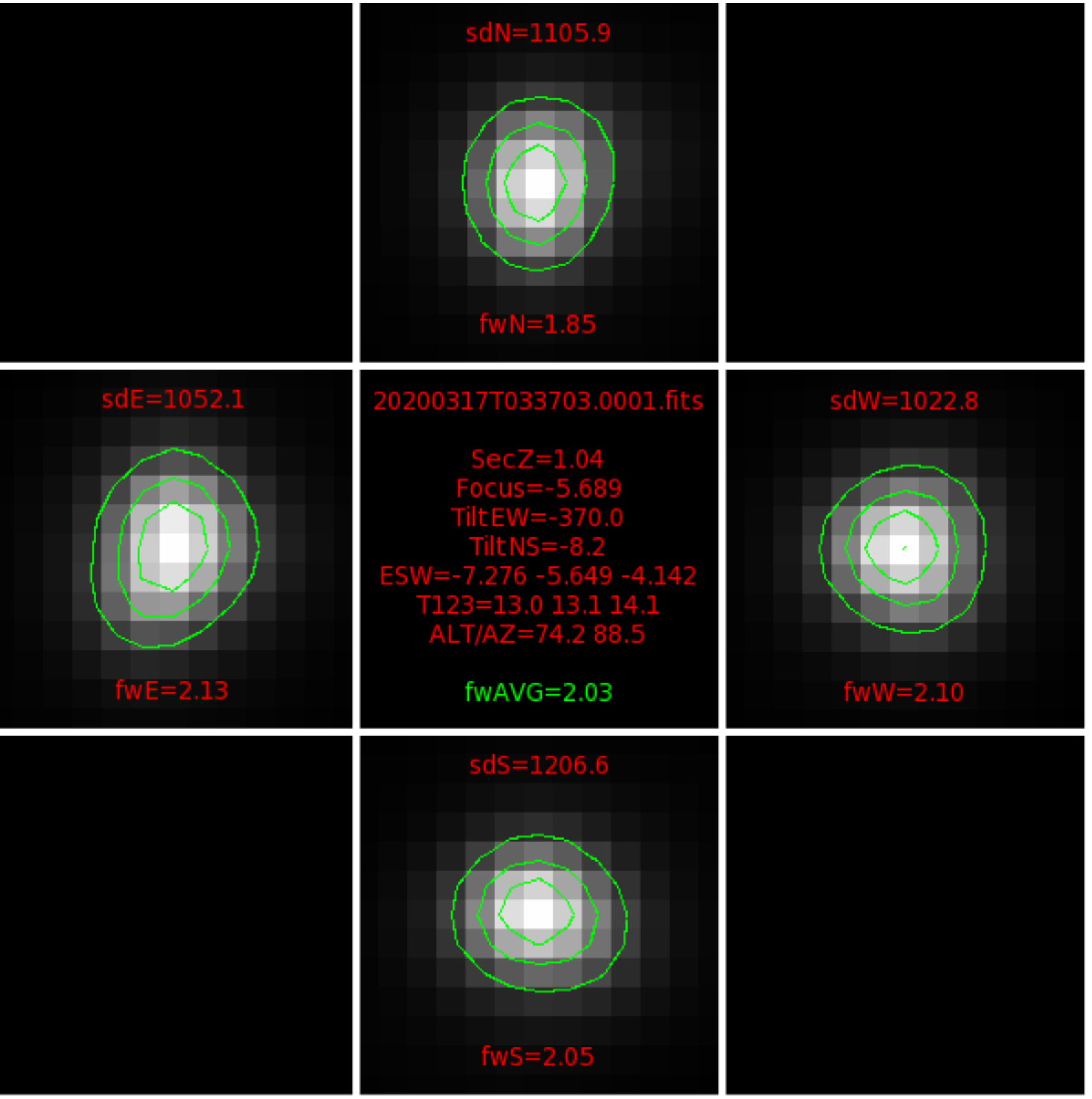
sdN=1105.9
fwN=1.85
sdE=1052.1
fwE=2.13
20200317T033703.0001.fits
SecZ=1.04
Focus=-5.689
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.276 -5.649 -4.142
T123=13.0 13.1 14.1
ALT/AZ=74.2 88.5
fwAVG=2.03
sdW=1022.8
fwW=2.10
sdS=1206.6
fwS=2.05
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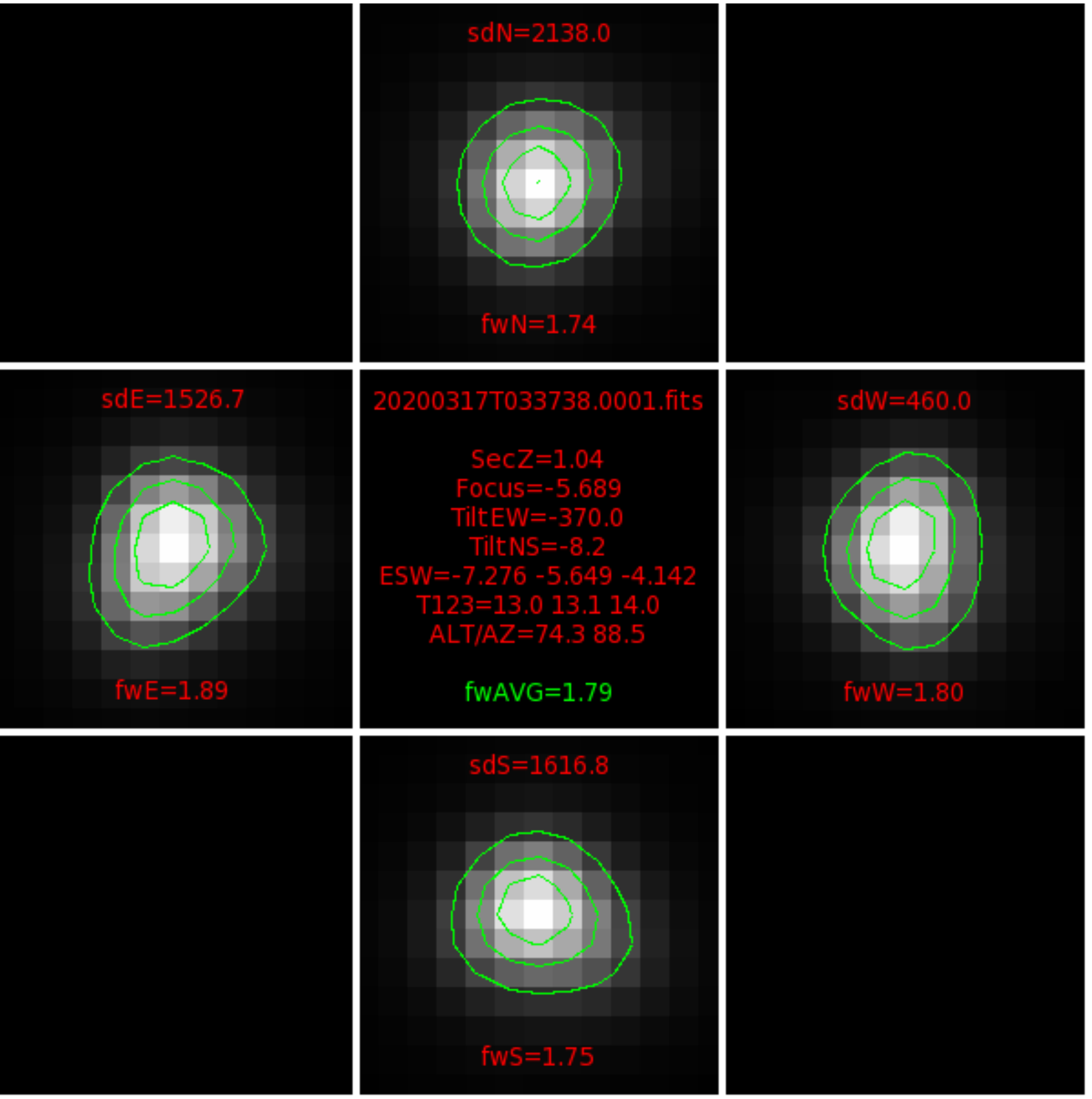
sdN=2138.0
fwN=1.74
sdE=1526.7
fwE=1.89
20200317T033738.0001.fits
SecZ=1.04
Focus=-5.689
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.276 -5.649 -4.142
T123=13.0 13.1 14.0
ALT/AZ=74.3 88.5
fwAVG=1.79
sdW=460.0
fwW=1.80
sdS=1616.8
fwS=1.75
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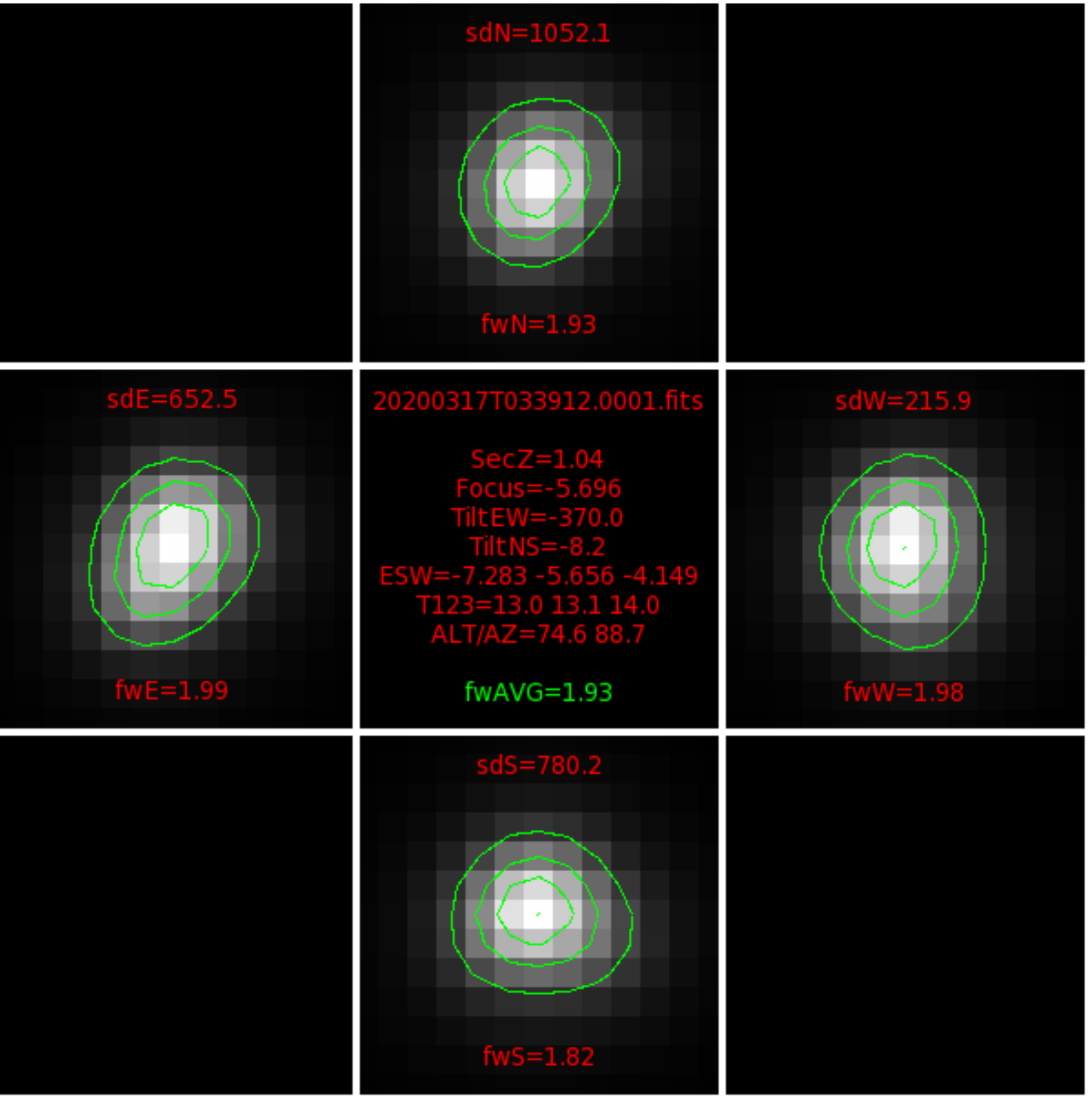
sdN=1052.1
fwN=1.93
sdE=652.5
fwE=1.99
20200317T033912.0001.fits
SecZ=1.04
Focus=-5.696
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.283 -5.656 -4.149
T123=13.0 13.1 14.0
ALT/AZ=74.6 88.7
fwAVG=1.93
sdW=215.9
fwW=1.98
sdS=780.2
fwS=1.82
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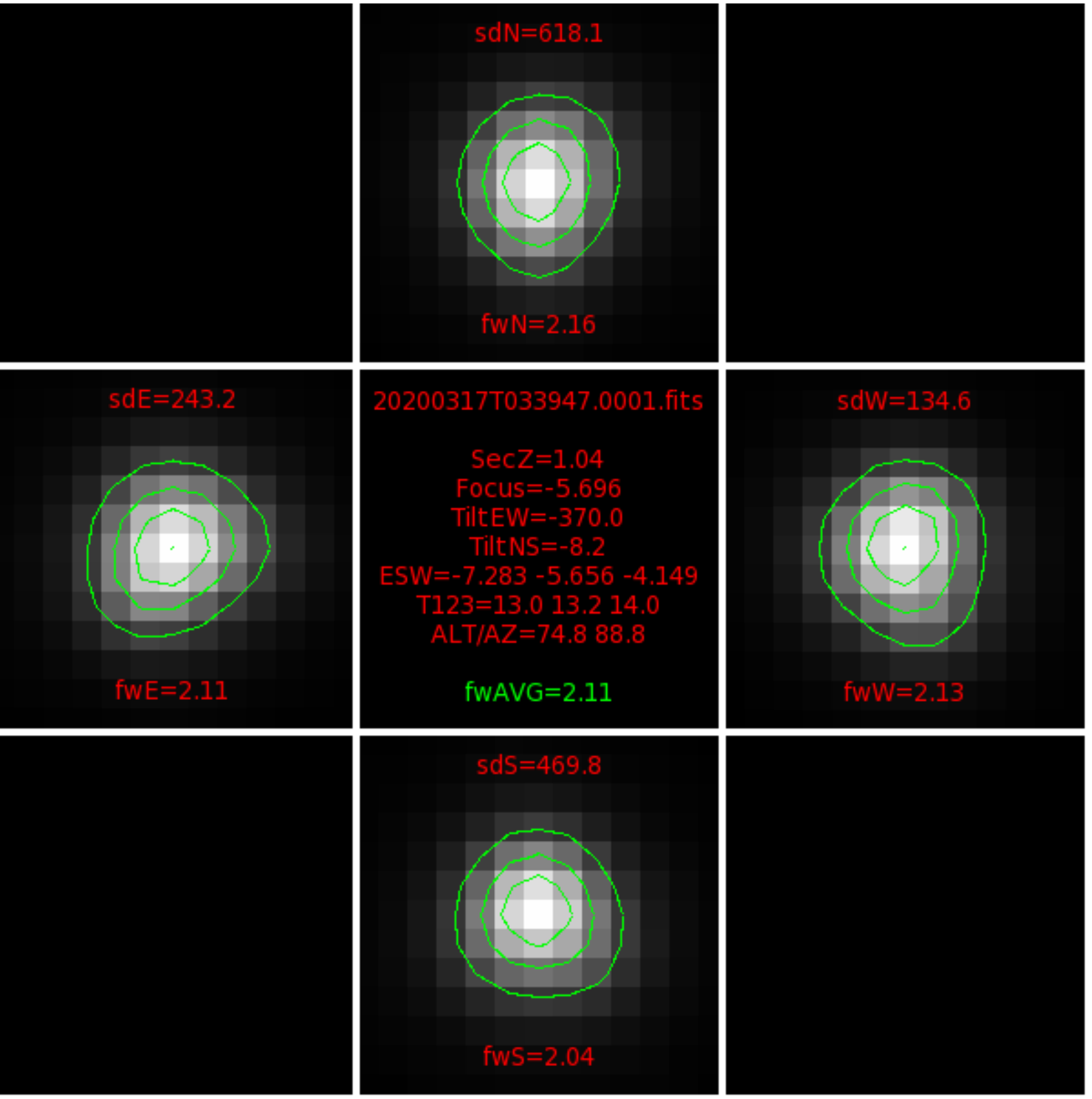
sdN=618.1
fwN=2.16
sdE=243.2
fwE=2.11
20200317T033947.0001.fits
SecZ=1.04
Focus=-5.696
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.283 -5.656 -4.149
T123=13.0 13.2 14.0
ALT/AZ=74.8 88.8
fwAVG=2.11
sdW=134.6
fwW=2.13
sdS=469.8
fwS=2.04
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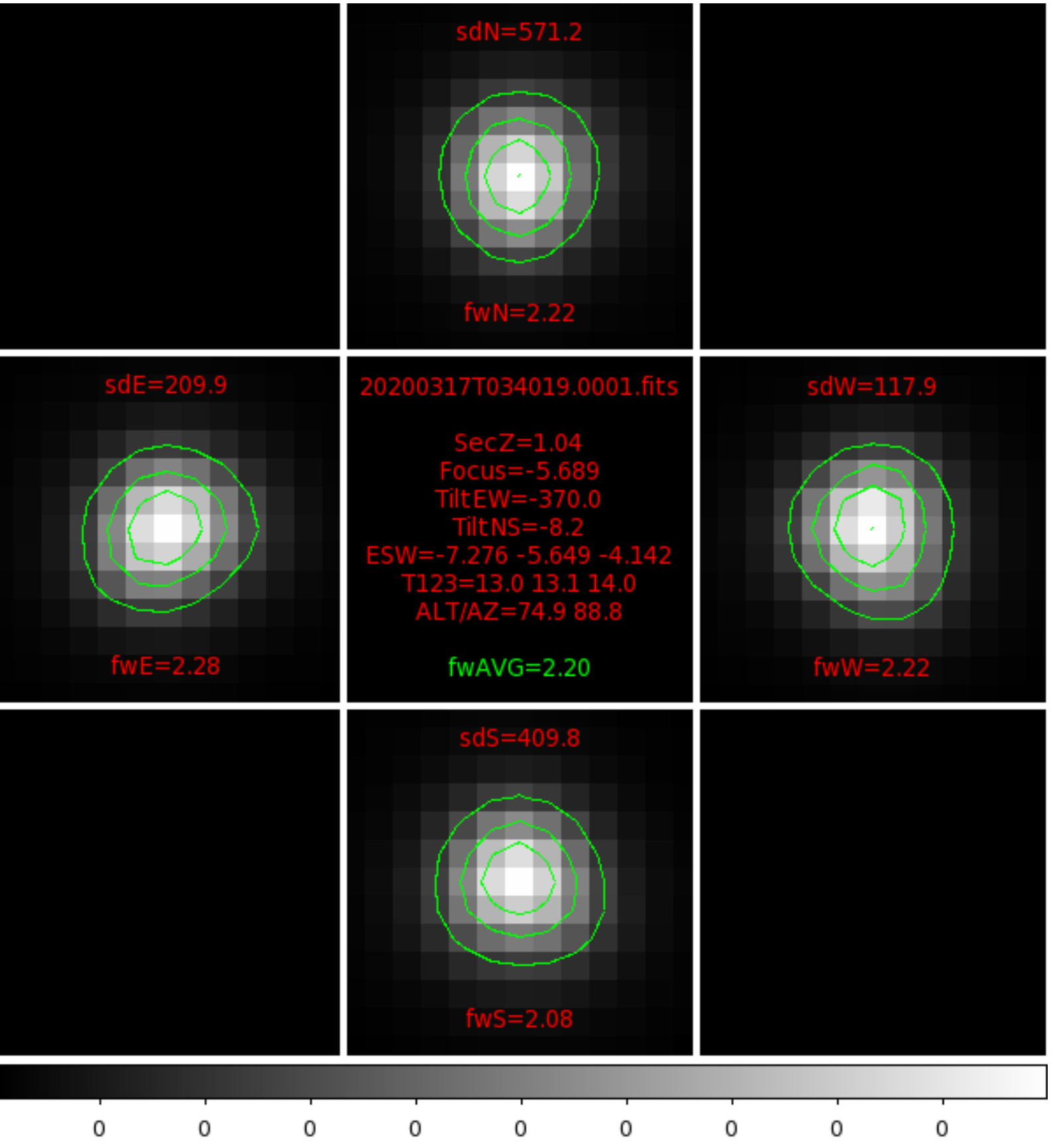
sdN=571.2
fwN=2.22
sdE=209.9
fwE=2.28
20200317T034019.0001.fits
SecZ=1.04
Focus=-5.689
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.276 -5.649 -4.142
T123=13.0 13.1 14.0
ALT/AZ=74.9 88.8
fwAVG=2.20
sdW=117.9
fwW=2.22
sdS=409.8
fwS=2.08
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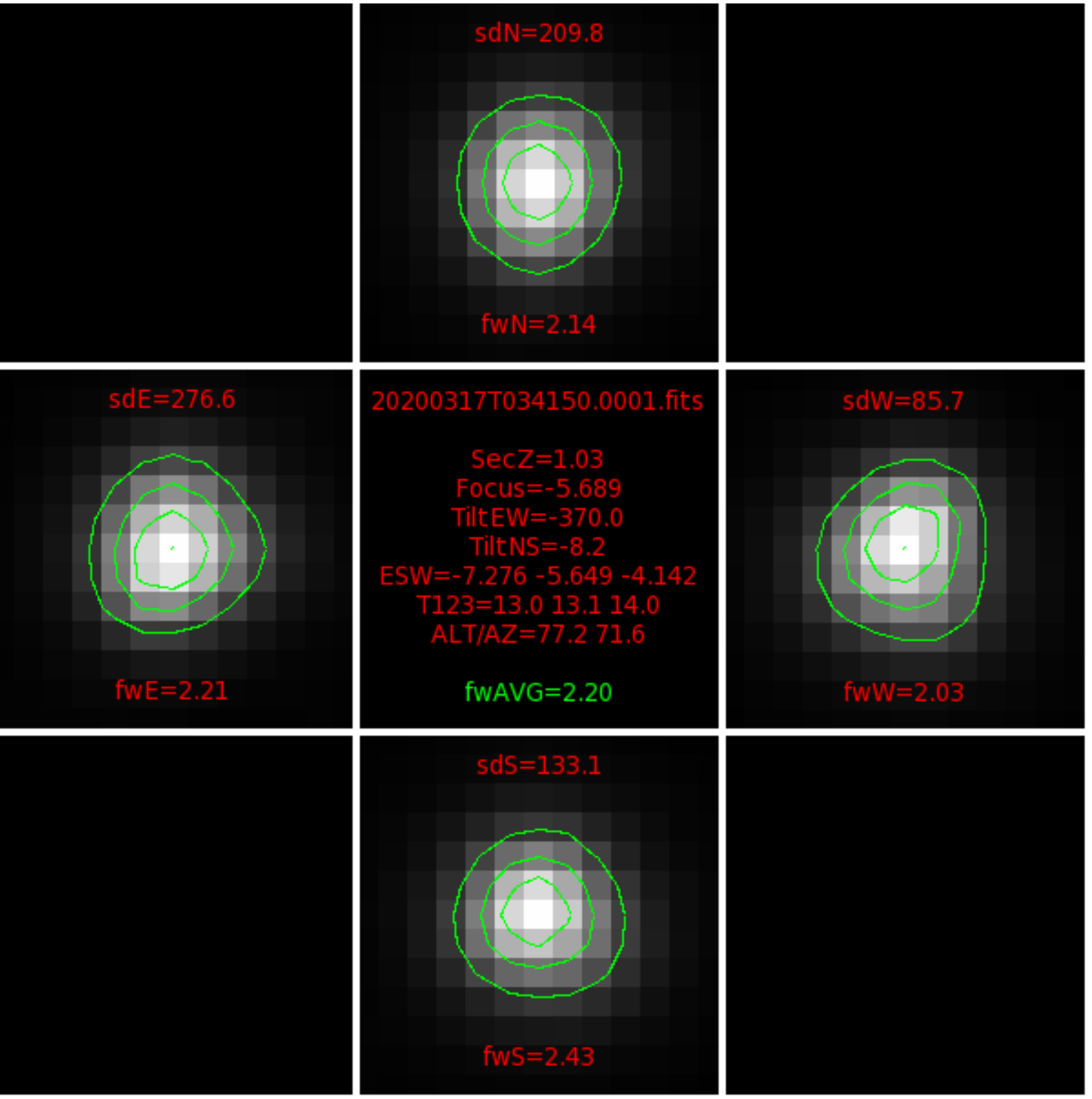
sdN=209.8
fwN=2.14
sdE=276.6
fwE=2.21
20200317T034150.0001.fits
SecZ=1.03
Focus=-5.689
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.276 -5.649 -4.142
T123=13.0 13.1 14.0
ALT/AZ=77.2 71.6
fwAVG=2.20
sdW=85.7
fwW=2.03
sdS=133.1
fwS=2.43
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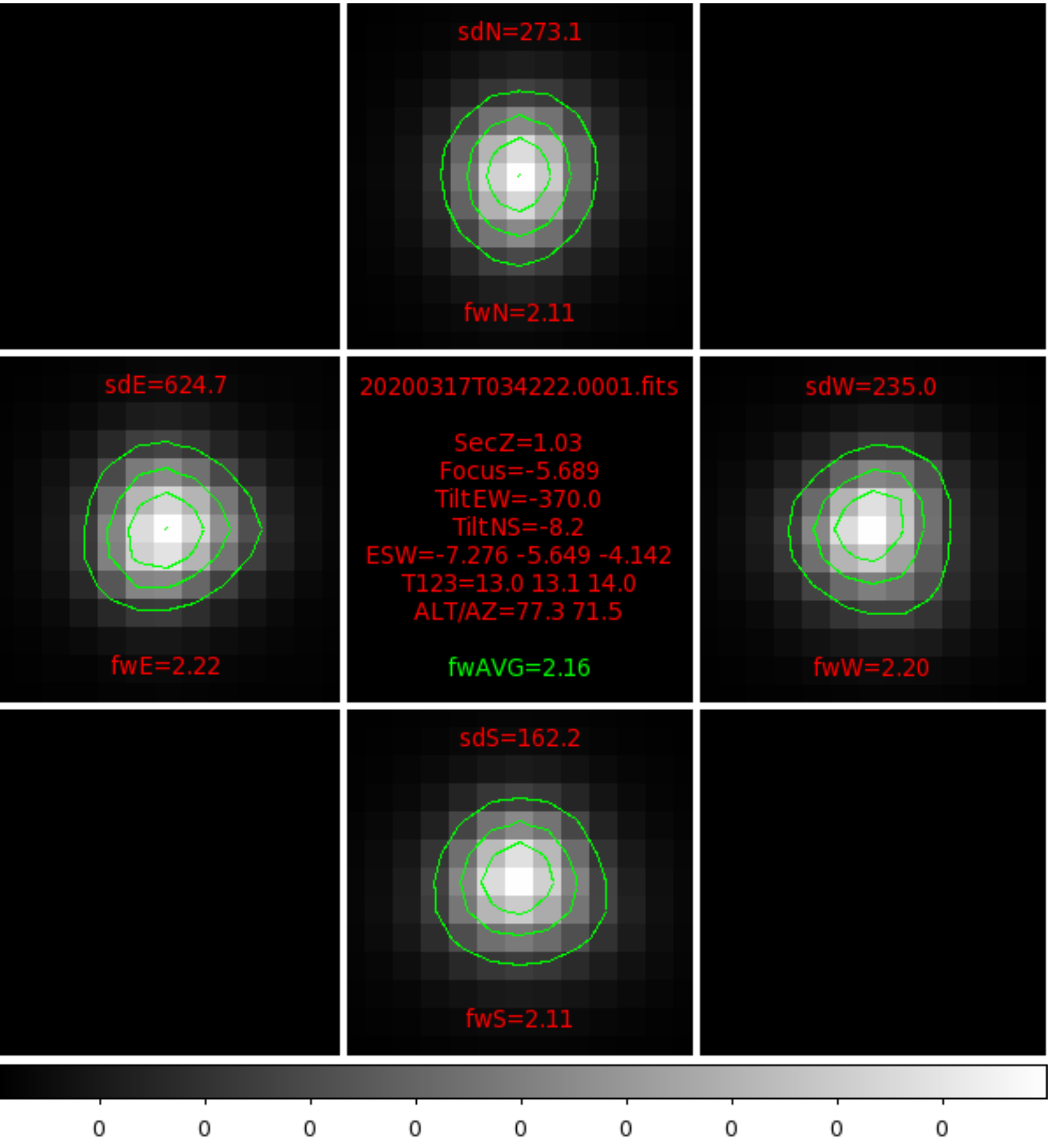
sdN=273.1
fwN=2.11
sdE=624.7
fwE=2.22
20200317T034222.0001.fits
SecZ=1.03
Focus=-5.689
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.276 -5.649 -4.142
T123=13.0 13.1 14.0
ALT/AZ=77.3 71.5
fwAVG=2.16
sdW=235.0
fwW=2.20
sdS=162.2
fwS=2.11
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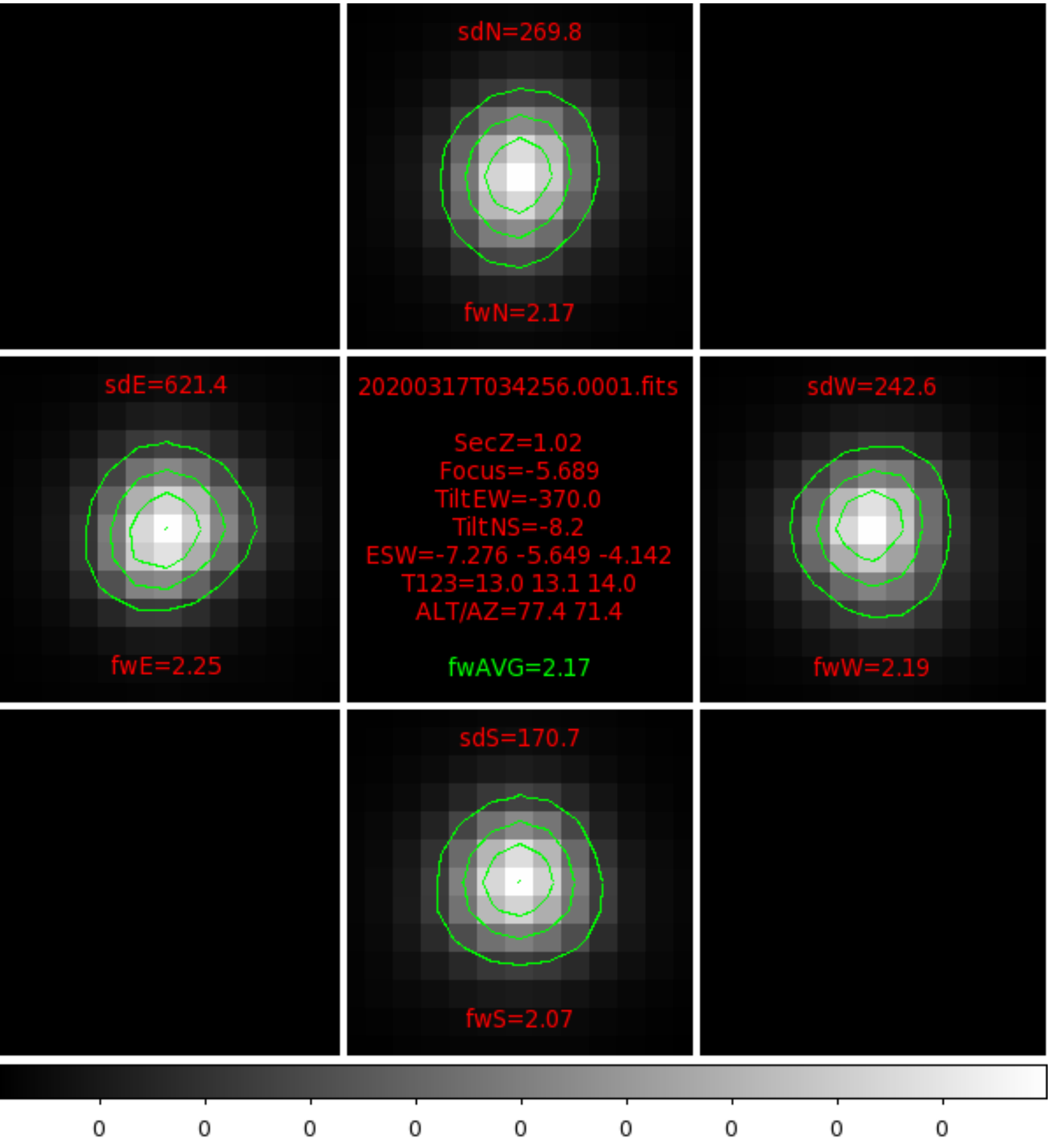
sdN=269.8
fwN=2.17
sdE=621.4
fwE=2.25
20200317T034256.0001.fits
SecZ=1.02
Focus=-5.689
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.276 -5.649 -4.142
T123=13.0 13.1 14.0
ALT/AZ=77.4 71.4
fwAVG=2.17
sdW=242.6
fwW=2.19
sdS=170.7
fwS=2.07
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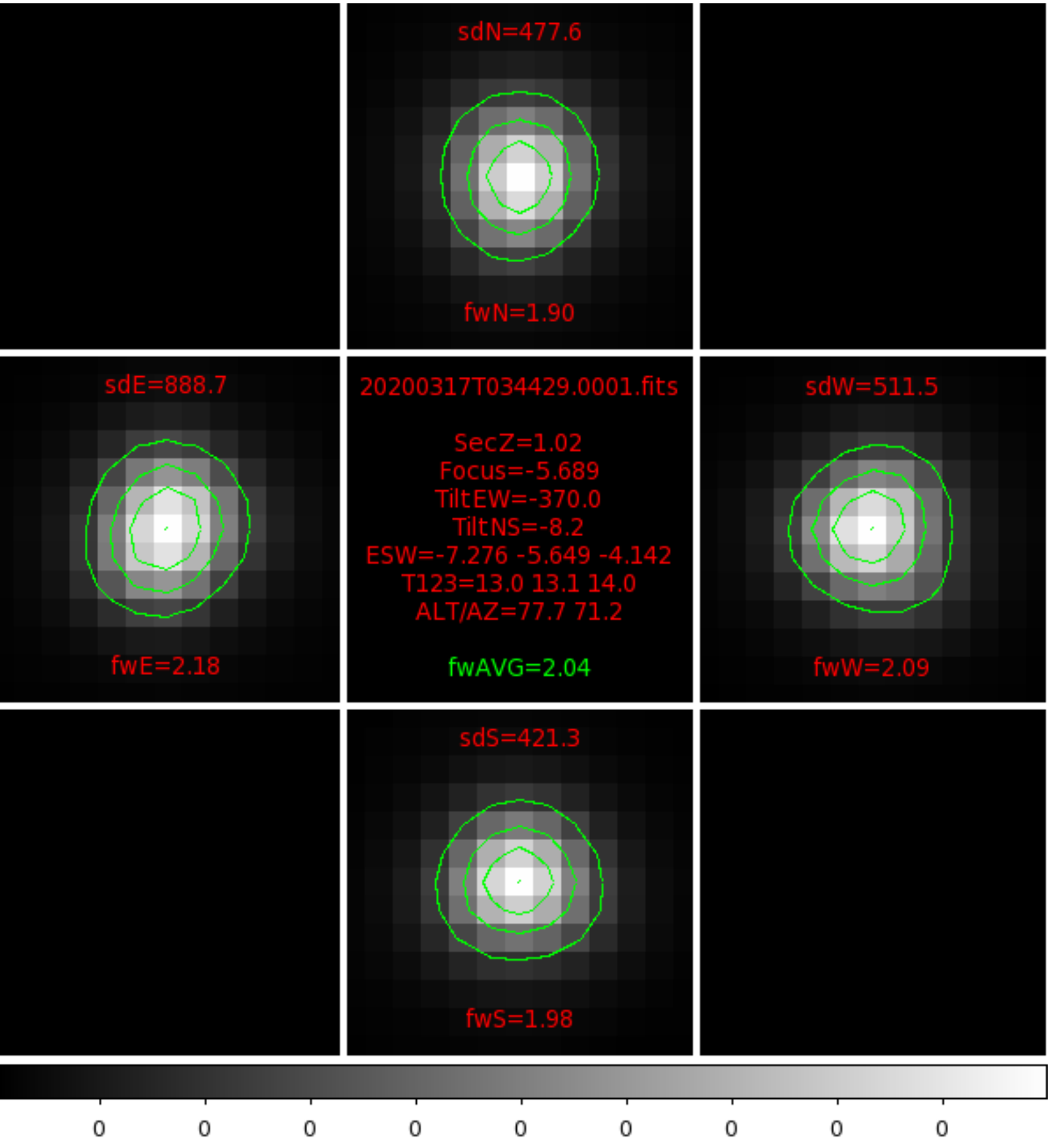
sdN=477.6
fwN=1.90
sdE=888.7
fwE=2.18
20200317T034429.0001.fits
SecZ=1.02
Focus=-5.689
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.276 -5.649 -4.142
T123=13.0 13.1 14.0
ALT/AZ=77.7 71.2
fwAVG=2.04
sdW=511.5
fwW=2.09
sdS=421.3
fwS=1.98
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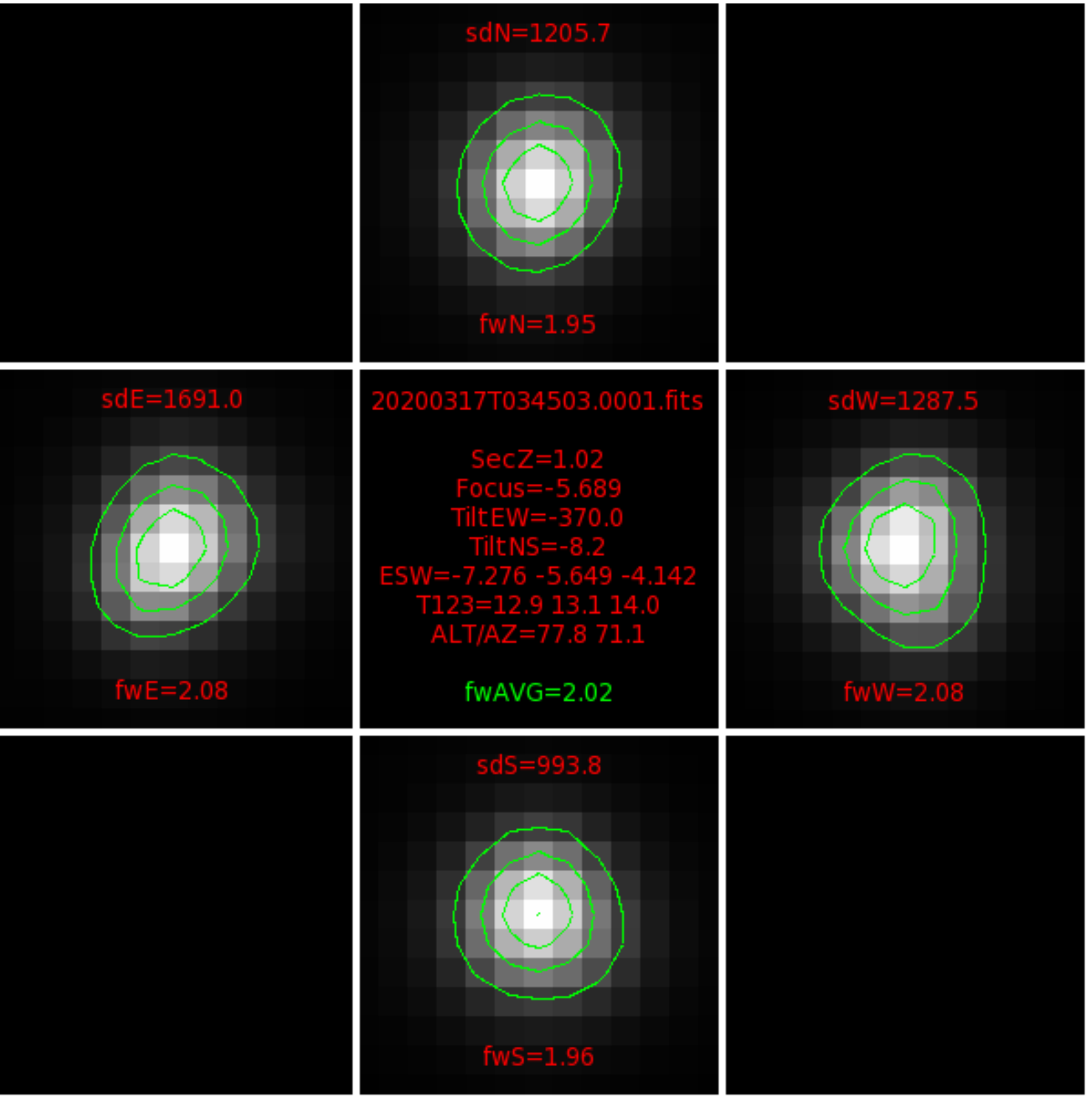
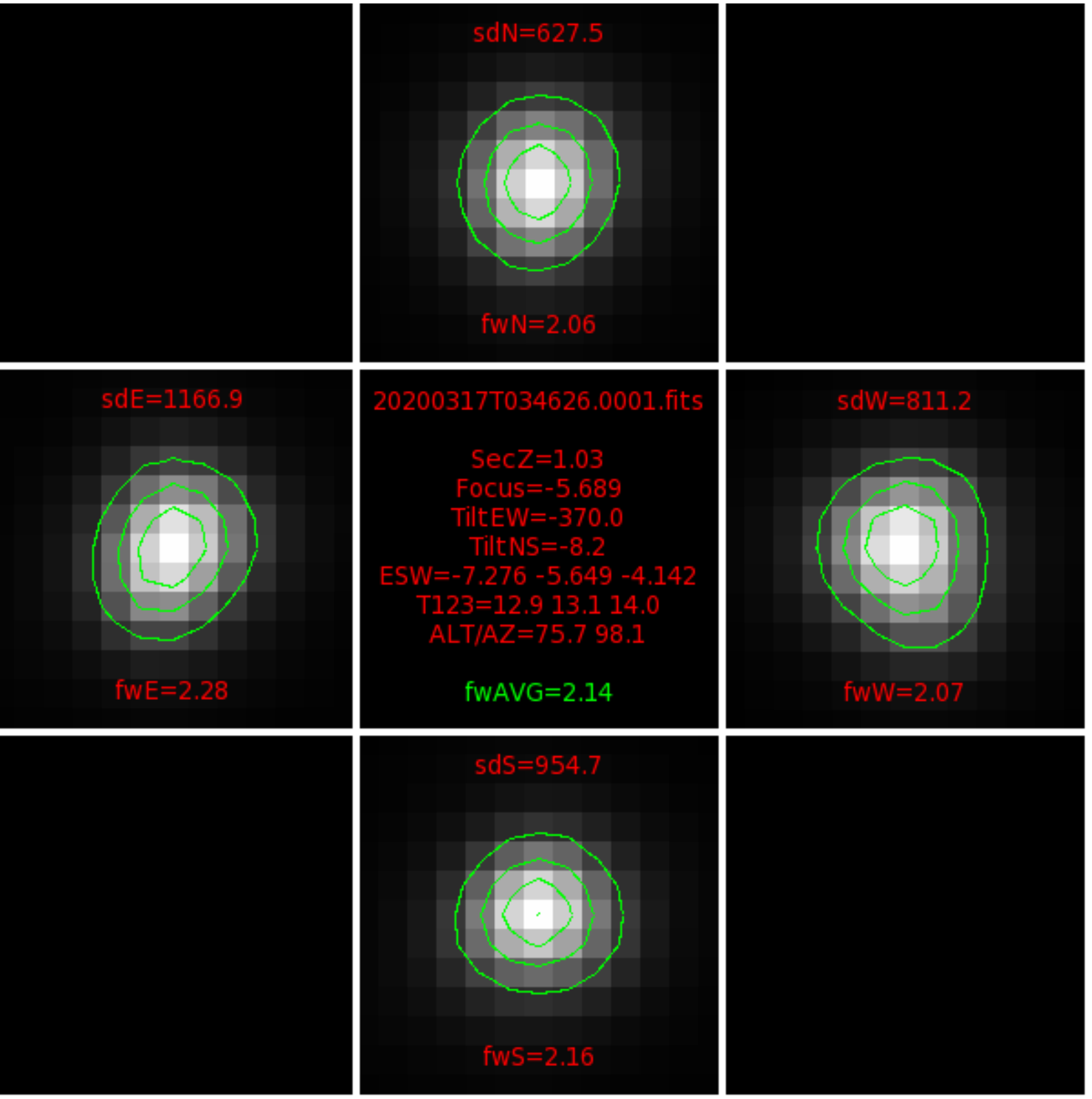

sdN=1205.7
fwN=1.95
sdE=1691.0
fwE=2.08
20200317T034503.0001.fits
SecZ=1.02
Focus=-5.689
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.276 -5.649 -4.142
T123=12.9 13.1 14.0
ALT/AZ=77.8 71.1
fwAVG=2.02
sdW=1287.5
fwW=2.08
sdS=993.8
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=627.5
fwN=2.06
sdE=1166.9
fwE=2.28
20200317T034626.0001.fits
SecZ=1.03
Focus=-5.689
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.276 -5.649 -4.142
T123=12.9 13.1 14.0
ALT/AZ=75.7 98.1
fwAVG=2.14
sdW=811.2
fwW=2.07
sdS=954.7
fwS=2.16
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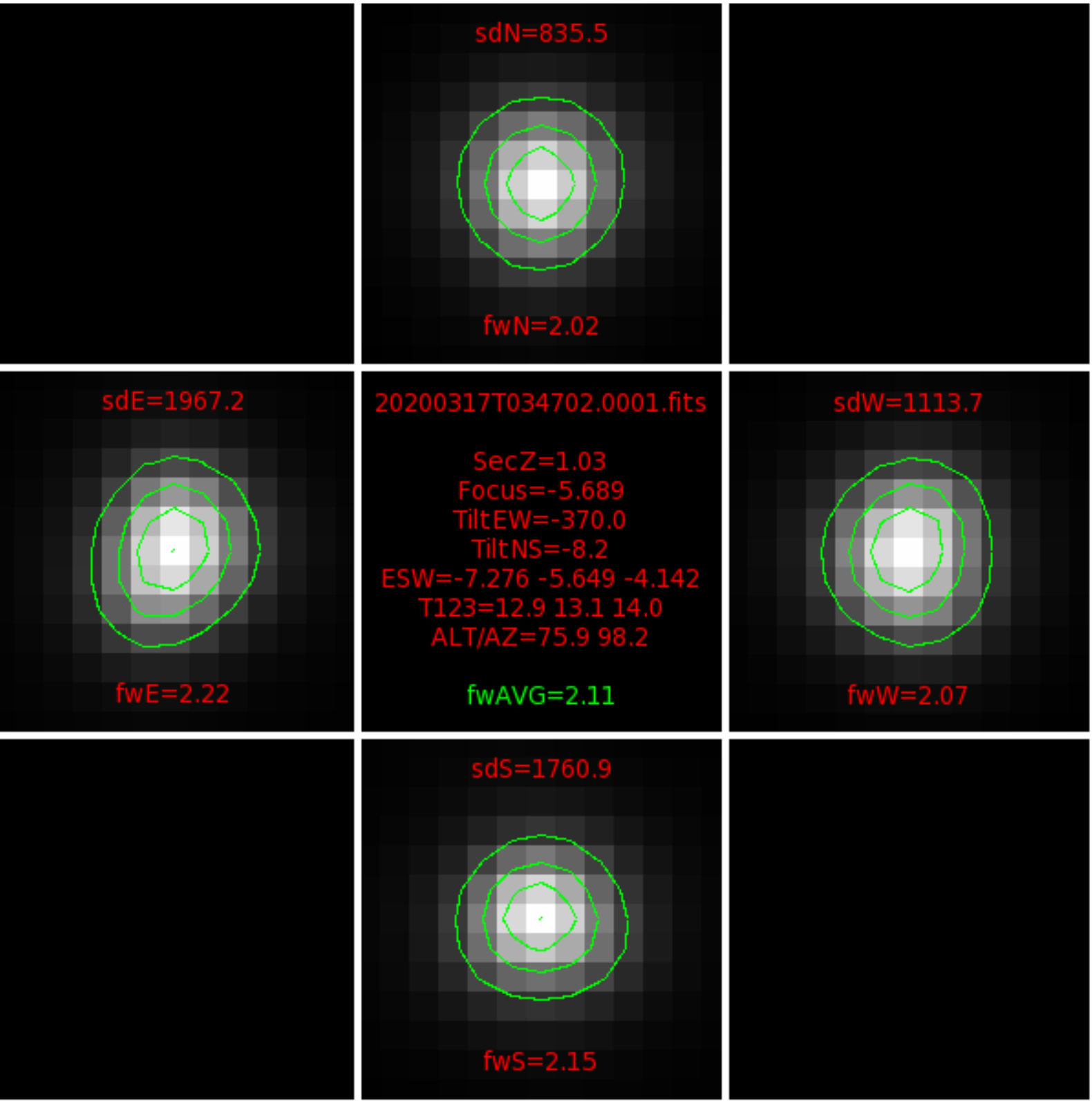
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fwN=2.02
sdE=1967.2
fwE=2.22
20200317T034702.0001.fits
SecZ=1.03
Focus=-5.689
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.276 -5.649 -4.142
T123=12.9 13.1 14.0
ALT/AZ=75.9 98.2
fwAVG=2.11
sdW=1113.7
fwW=2.07
sdS=1760.9
fwS=2.15
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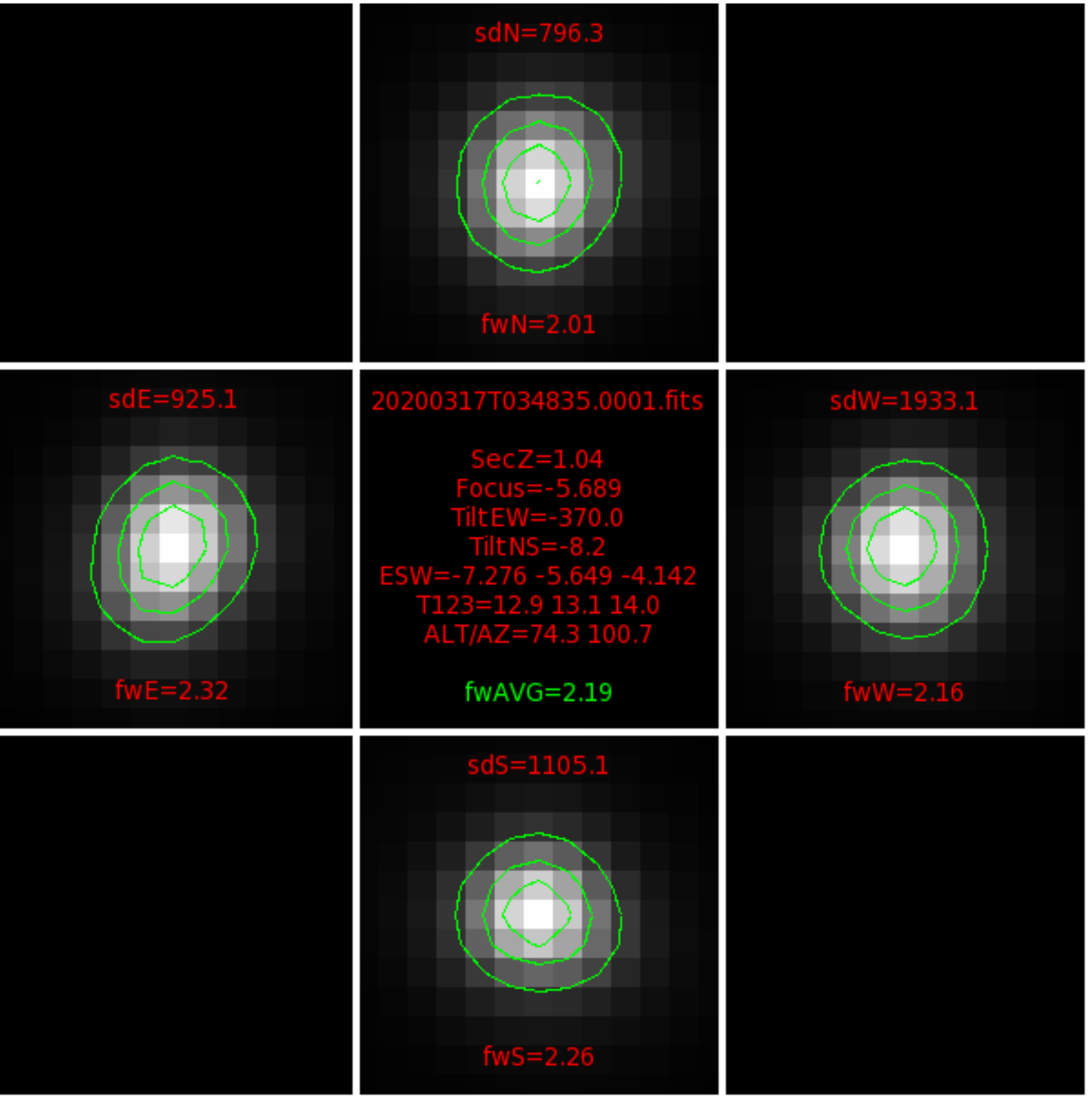
sdN=796.3
fwN=2.01
sdE=925.1
fwE=2.32
20200317T034835.0001.fits
SecZ=1.04
Focus=-5.689
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.276 -5.649 -4.142
T123=12.9 13.1 14.0
ALT/AZ=74.3 100.7
fwAVG=2.19
sdW=1933.1
fwW=2.16
sdS=1105.1
fwS=2.26
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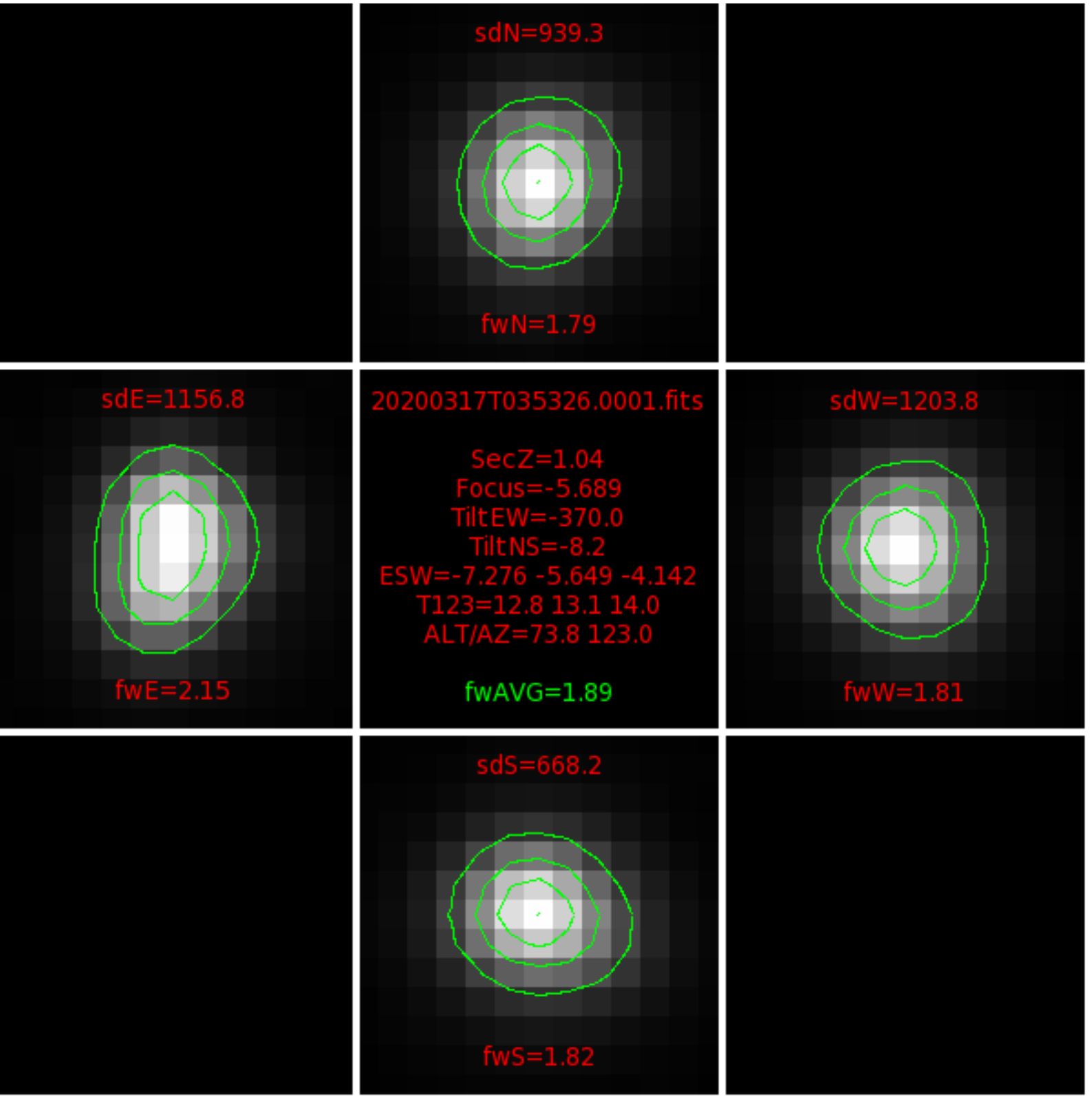
sdN=939.3
fwN=1.79
sdE=1156.8
fwE=2.15
20200317T035326.0001.fits
SecZ=1.04
Focus=-5.689
TiltEW=-370.0
TiltNS=-8.2
ESW=-7.276 -5.649 -4.142
T123=12.8 13.1 14.0
ALT/AZ=73.8 123.0
fwAVG=1.89
sdW=1203.8
fwW=1.81
sdS=668.2
fwS=1.82
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