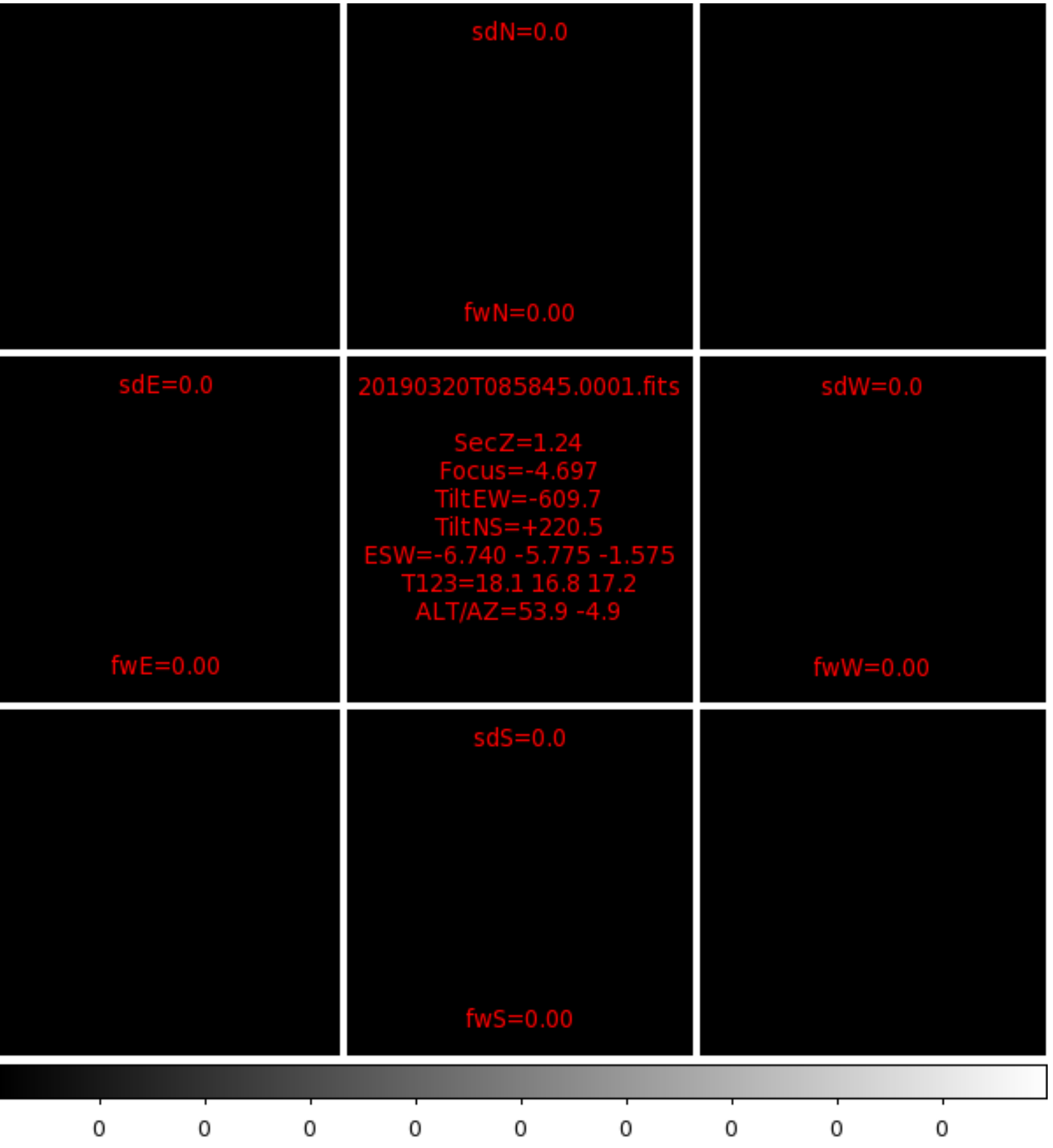
sdN=0.0
fwN=0.00
sdE=0.0
20190320T085845.0001.fits
SecZ=1.24
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=18.1 16.8 17.2
ALT/AZ=53.9 -4.9
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
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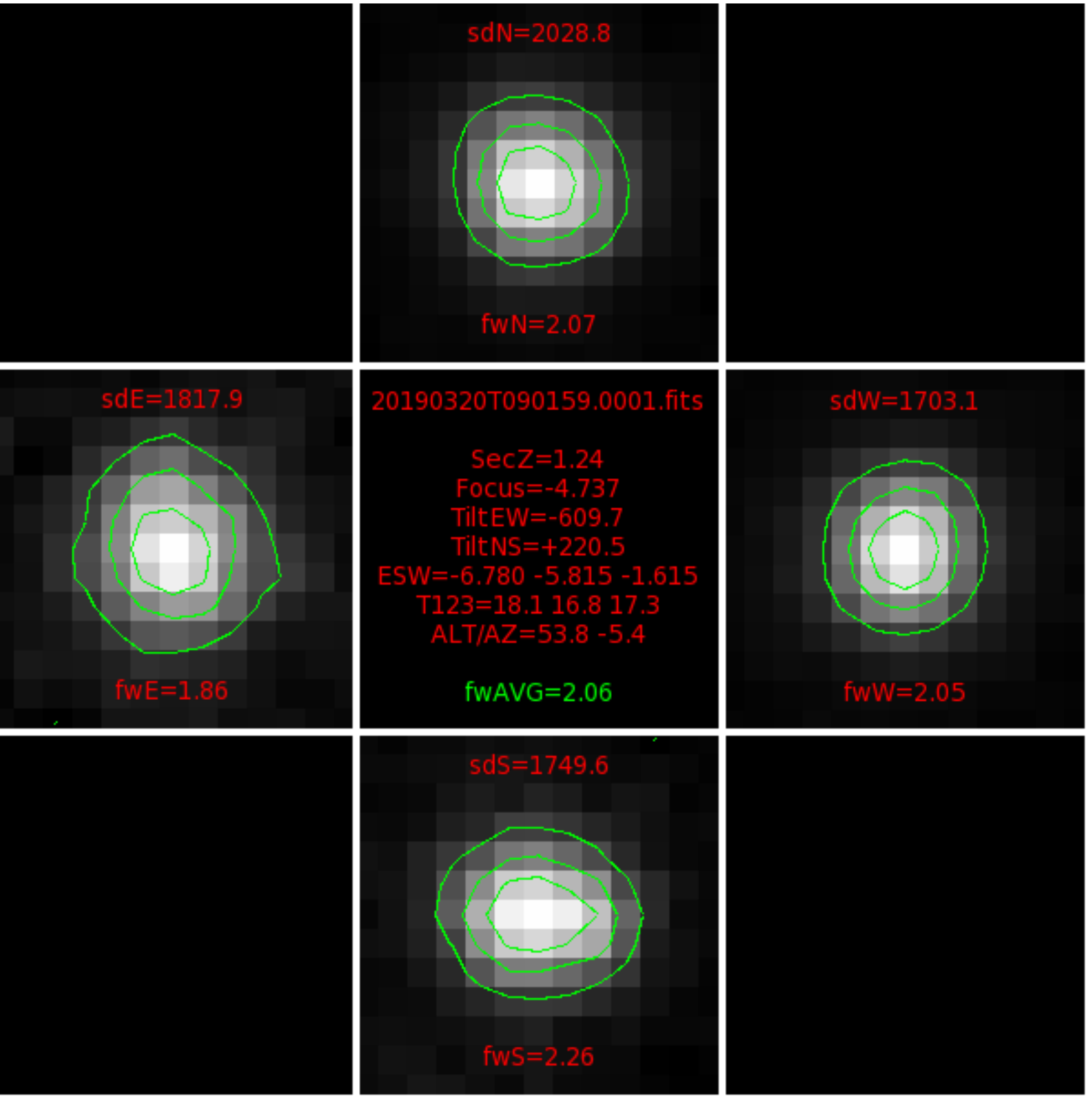
sdN=2028.8
fwN=2.07
sdE=1817.9
fwE=1.86
20190320T090159.0001.fits
SecZ=1.24
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=18.1 16.8 17.3
ALT/AZ=53.8 -5.4
fwAVG=2.06
sdW=1703.1
fwW=2.05
sdS=1749.6
fwS=2.26
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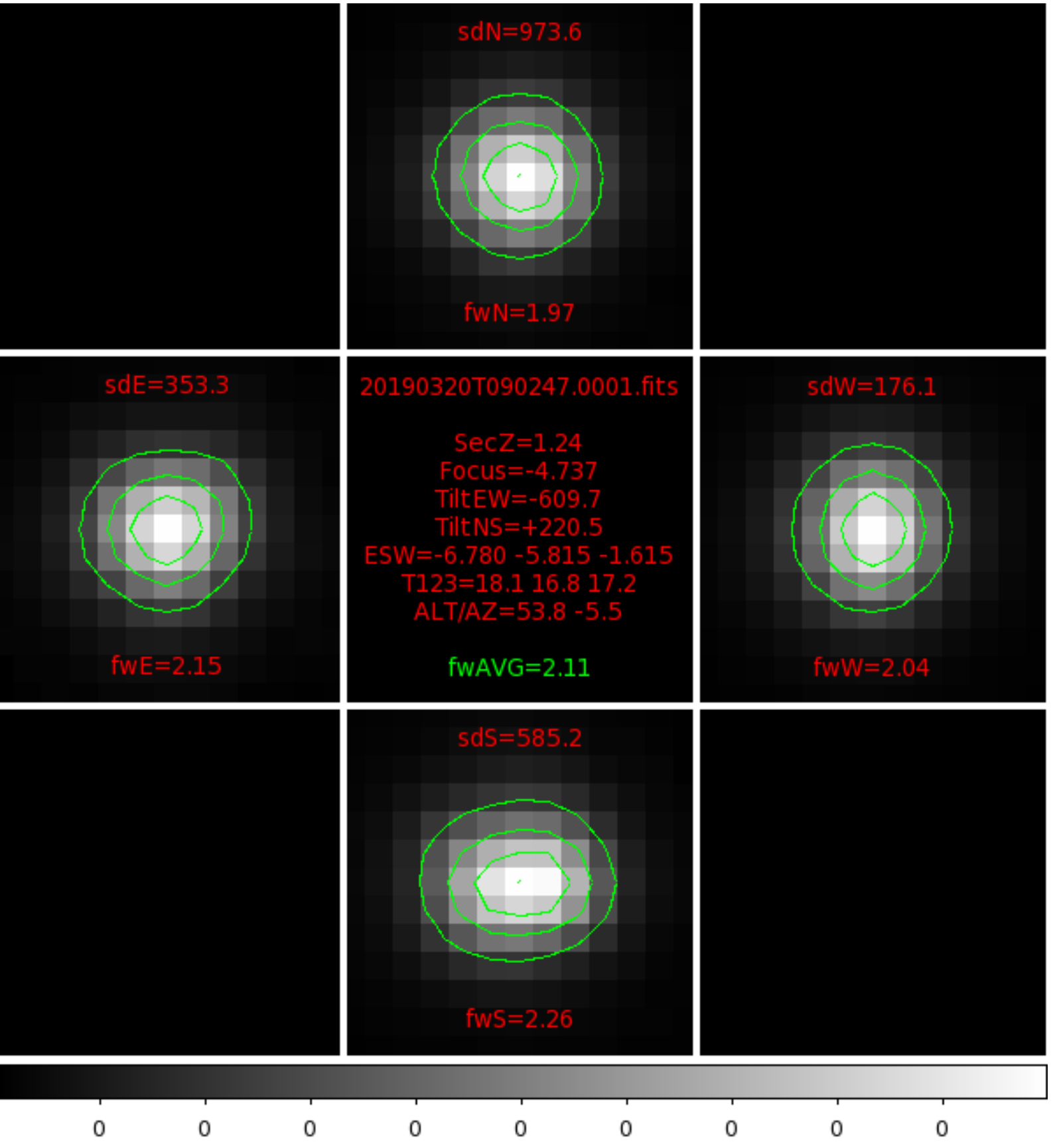
sdN=973.6
fwN=1.97
sdE=353.3
fwE=2.15
20190320T090247.0001.fits
SecZ=1.24
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=18.1 16.8 17.2
ALT/AZ=53.8 -5.5
fwAVG=2.11
sdW=176.1
fwW=2.04
sdS=585.2
fwS=2.26
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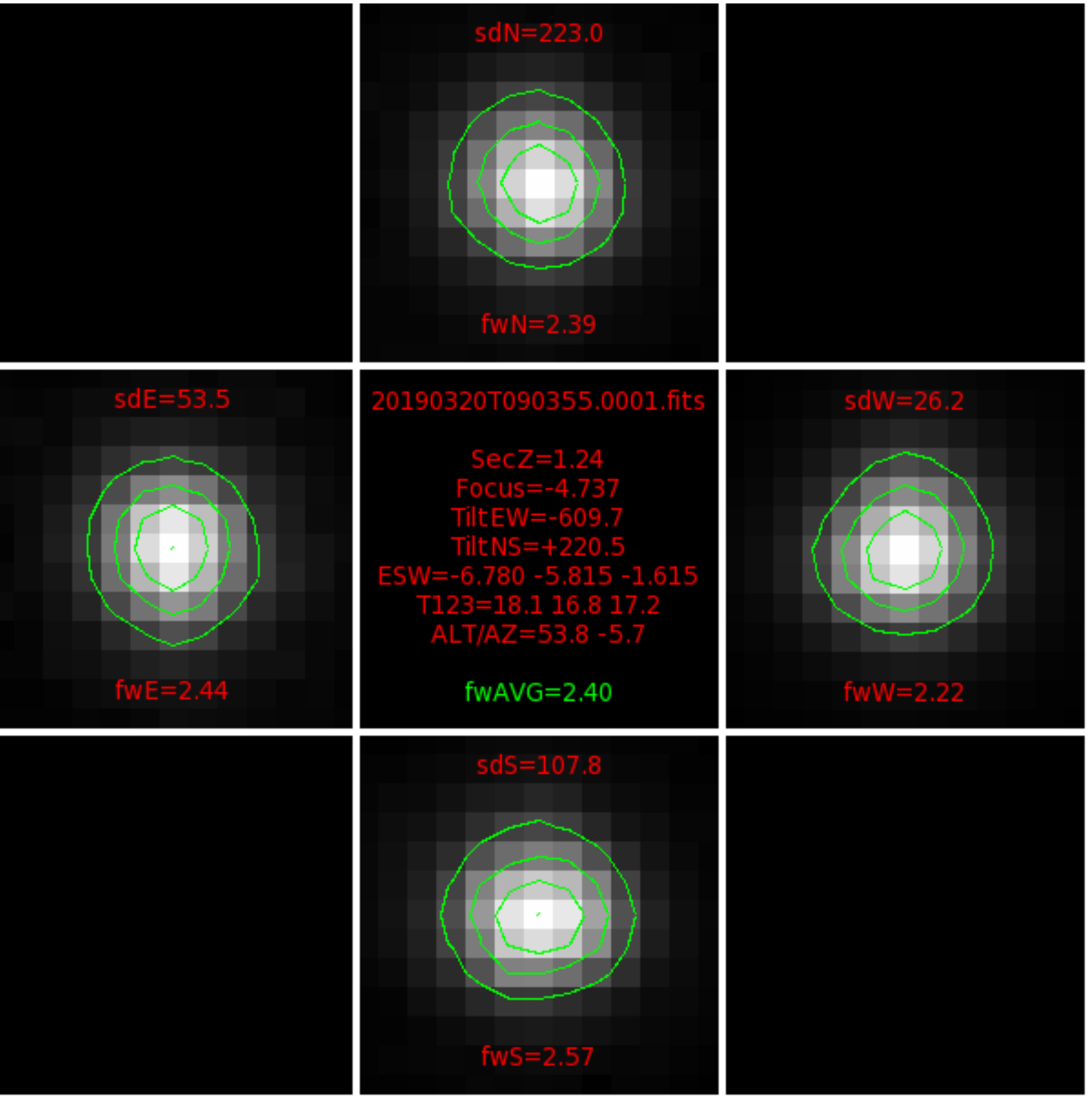
sdN=223.0
fwN=2.39
sdE=53.5
fwE=2.44
20190320T090355.0001.fits
SecZ=1.24
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=18.1 16.8 17.2
ALT/AZ=53.8 -5.7
fwAVG=2.40
sdW=26.2
fwW=2.22
sdS=107.8
fwS=2.57
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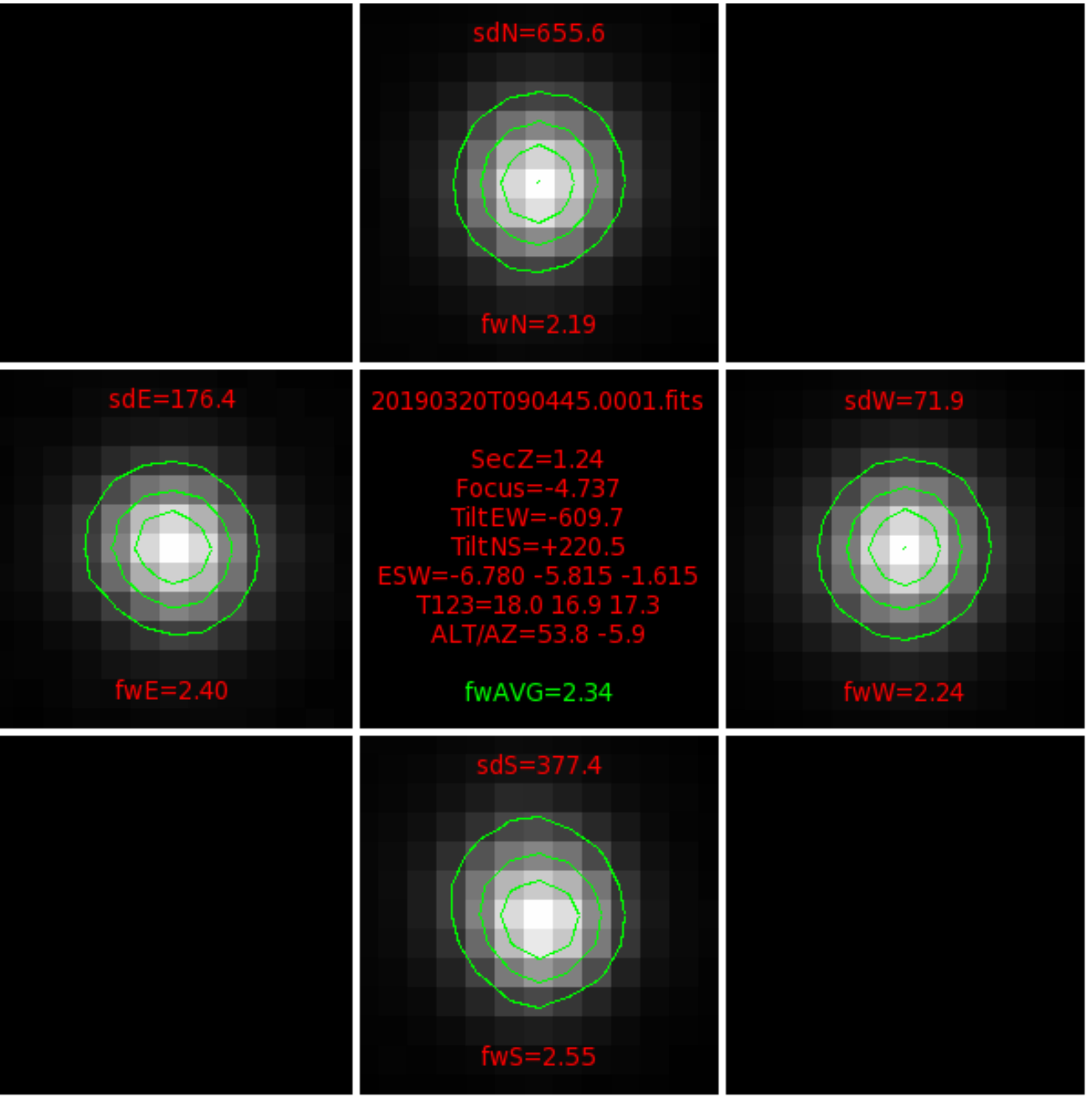
sdN=655.6
fwN=2.19
sdE=176.4
fwE=2.40
20190320T090445.0001.fits
SecZ=1.24
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=18.0 16.9 17.3
ALT/AZ=53.8 -5.9
fwAVG=2.34
sdW=71.9
fwW=2.24
sdS=377.4
fwS=2.55
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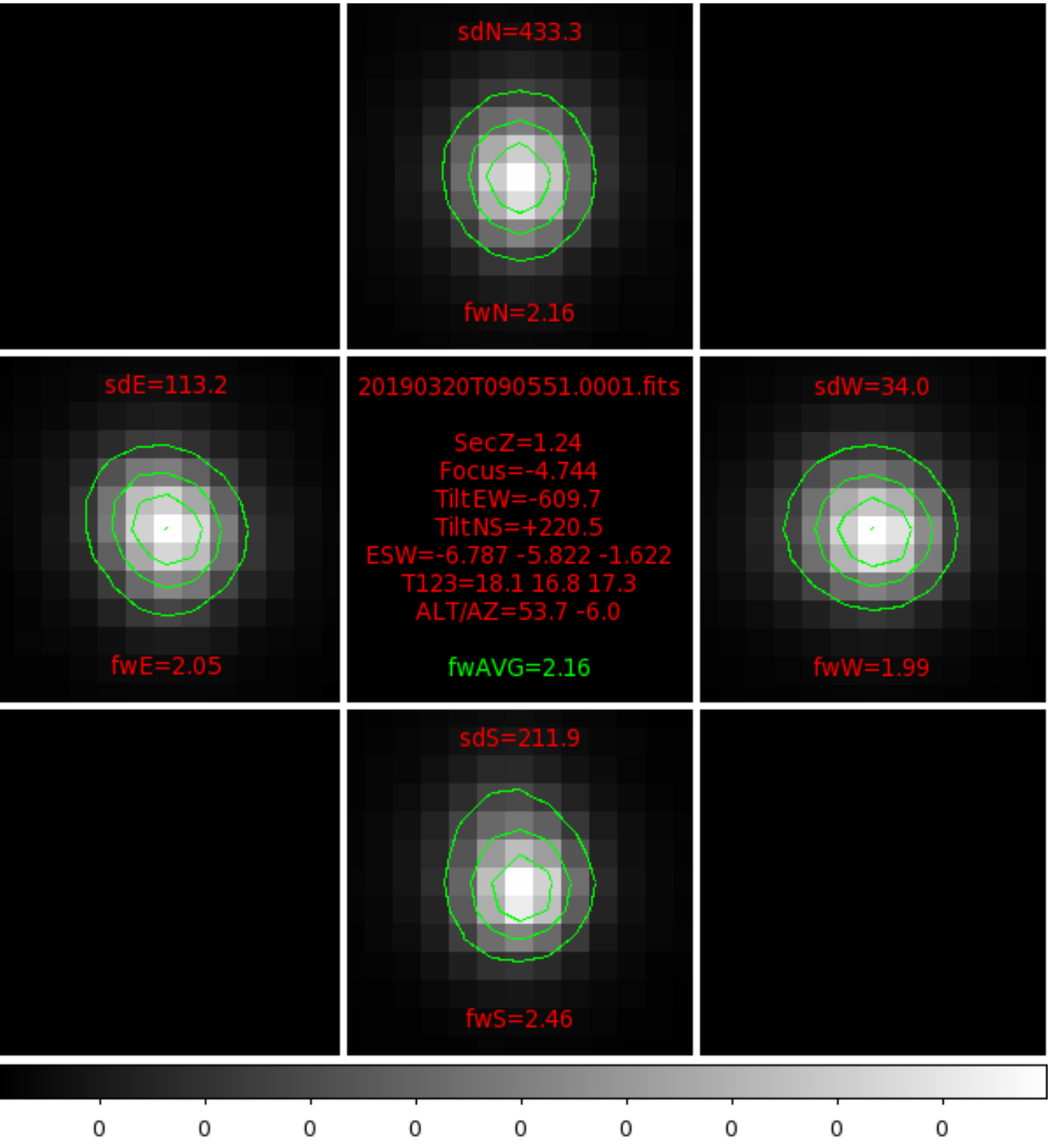
sdN=433.3
fwN=2.16
sdE=113.2
fwE=2.05
20190320T090551.0001.fits
SecZ=1.24
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 16.8 17.3
ALT/AZ=53.7 -6.0
fwAVG=2.16
sdW=34.0
fwW=1.99
sdS=211.9
fwS=2.46
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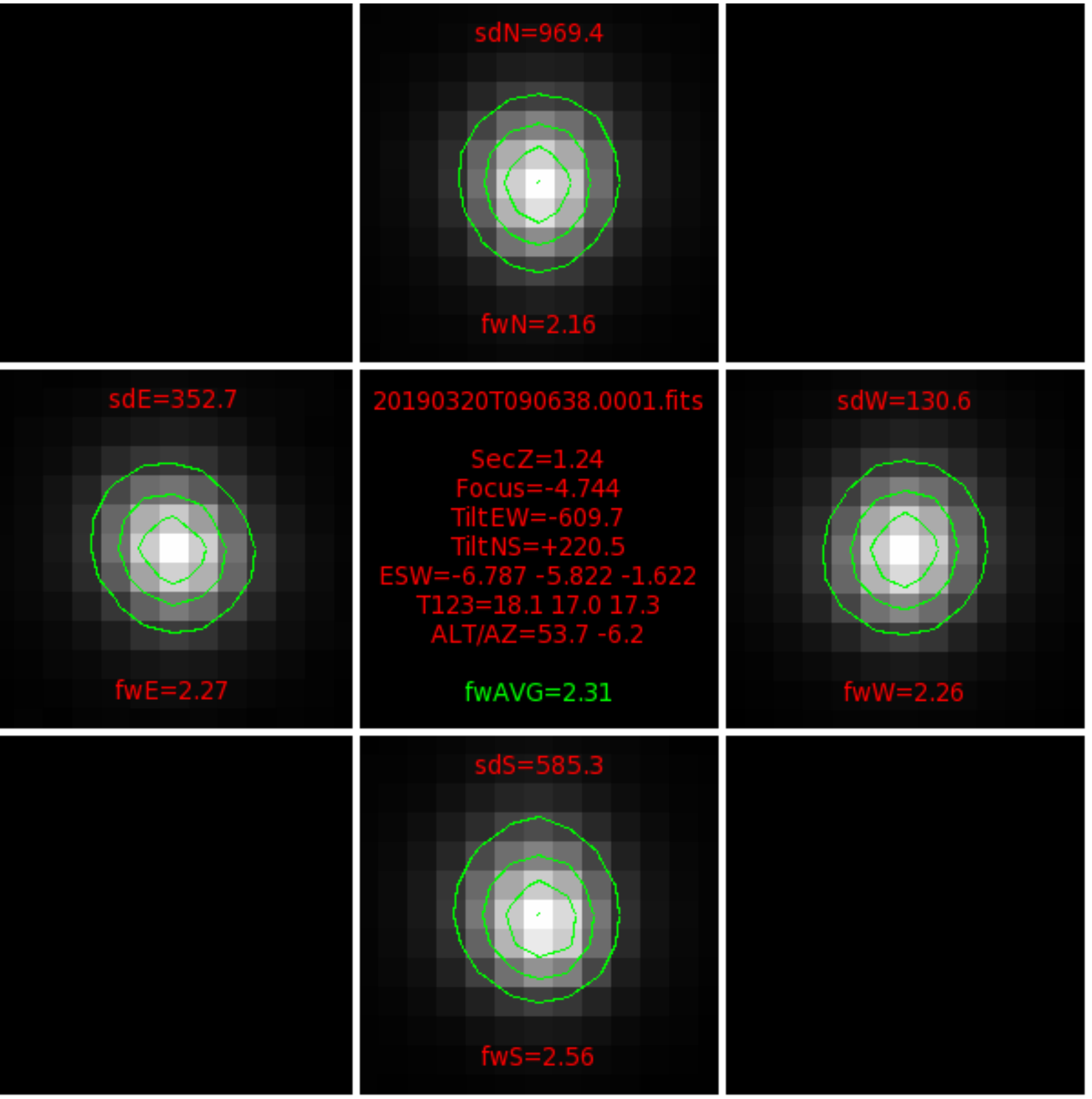
sdN=969.4
fwN=2.16
sdE=352.7
fwE=2.27
20190320T090638.0001.fits
SecZ=1.24
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 17.0 17.3
ALT/AZ=53.7 -6.2
fwAVG=2.31
sdW=130.6
fwW=2.26
sdS=585.3
fwS=2.56
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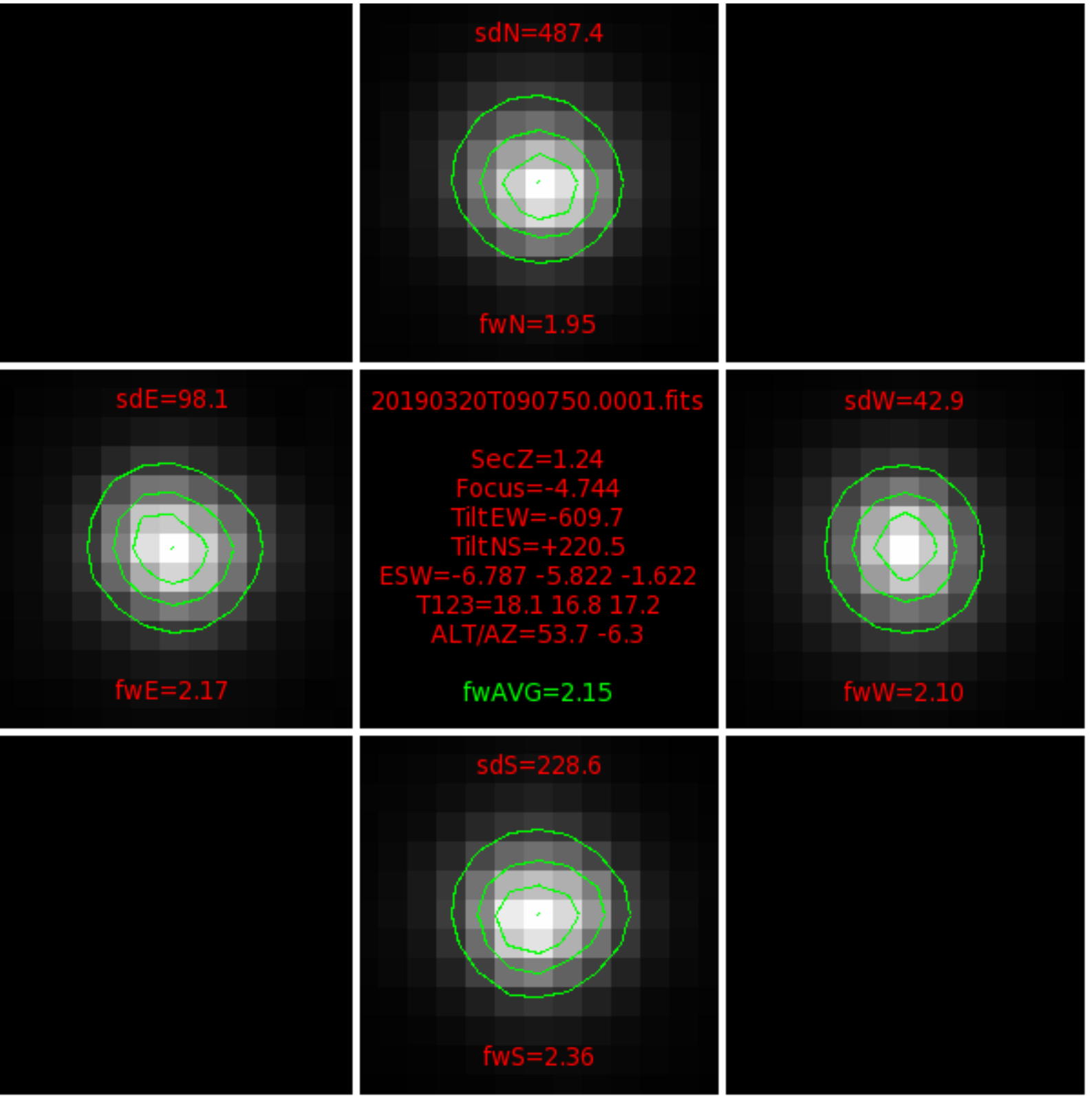
sdN=487.4
fwN=1.95
sdE=98.1
fwE=2.17
20190320T090750.0001.fits
SecZ=1.24
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 16.8 17.2
ALT/AZ=53.7 -6.3
fwAVG=2.15
sdW=42.9
fwW=2.10
sdS=228.6
fwS=2.36
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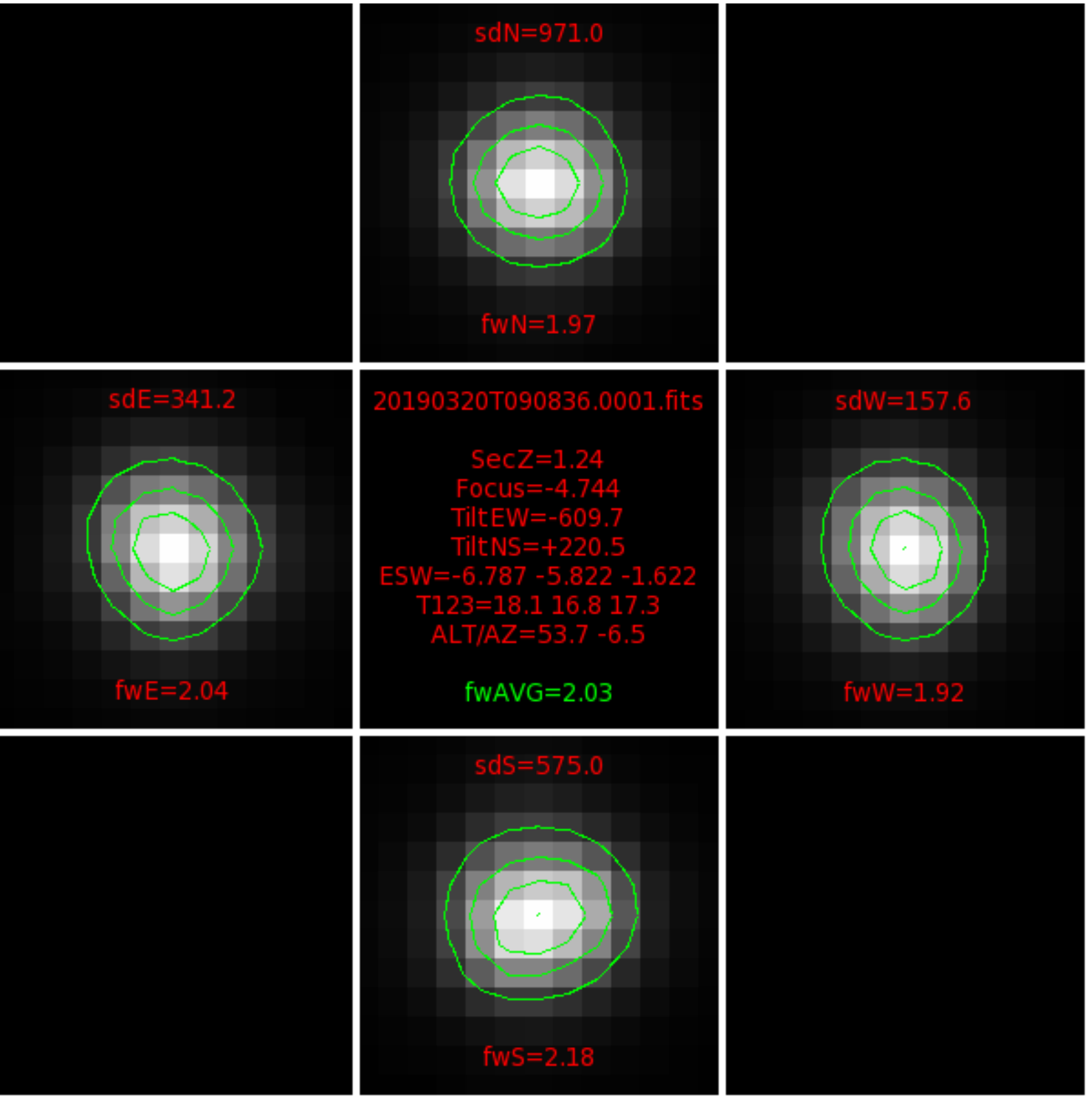
sdN=971.0
fwN=1.97
sdE=341.2
fwE=2.04
20190320T090836.0001.fits
SecZ=1.24
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 16.8 17.3
ALT/AZ=53.7 -6.5
fwAVG=2.03
sdW=157.6
fwW=1.92
sdS=575.0
fwS=2.18
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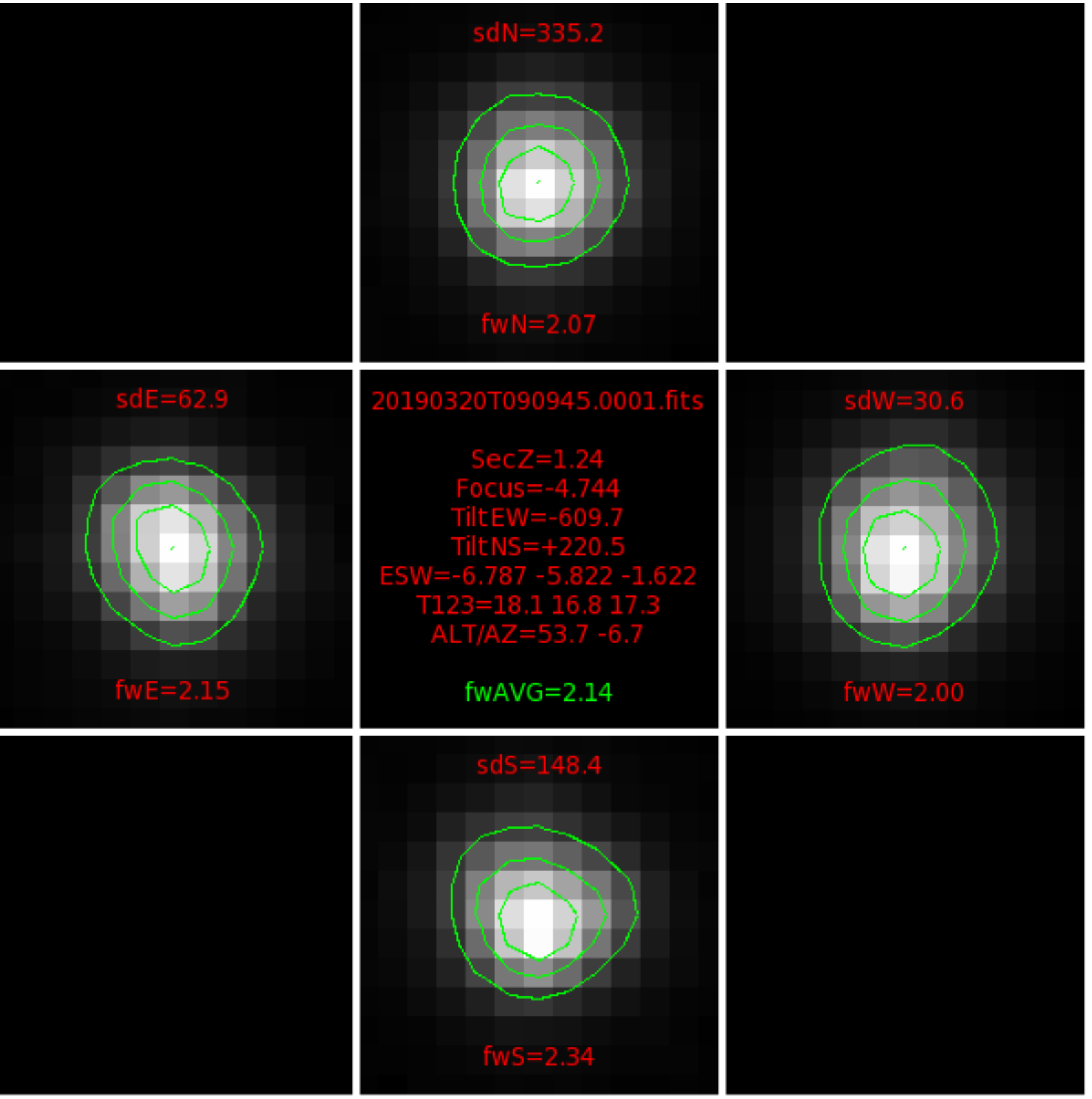
sdN=335.2
fwN=2.07
sdE=62.9
fwE=2.15
20190320T090945.0001.fits
SecZ=1.24
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 16.8 17.3
ALT/AZ=53.7 -6.7
fwAVG=2.14
sdW=30.6
fwW=2.00
sdS=148.4
fwS=2.34
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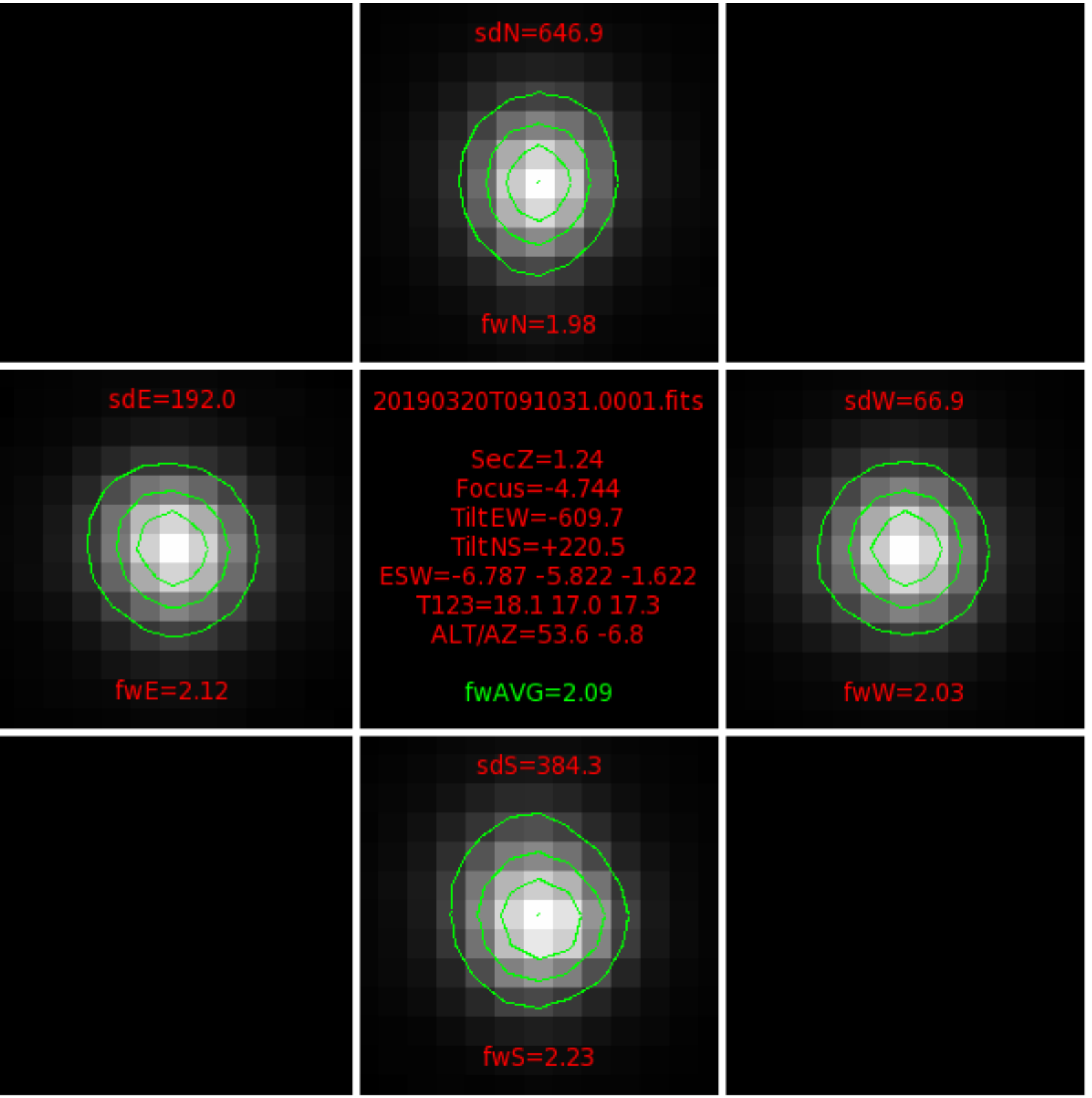
sdN=646.9
fwN=1.98
sdE=192.0
fwE=2.12
20190320T091031.0001.fits
SecZ=1.24
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 17.0 17.3
ALT/AZ=53.6 -6.8
fwAVG=2.09
sdW=66.9
fwW=2.03
sdS=384.3
fwS=2.23
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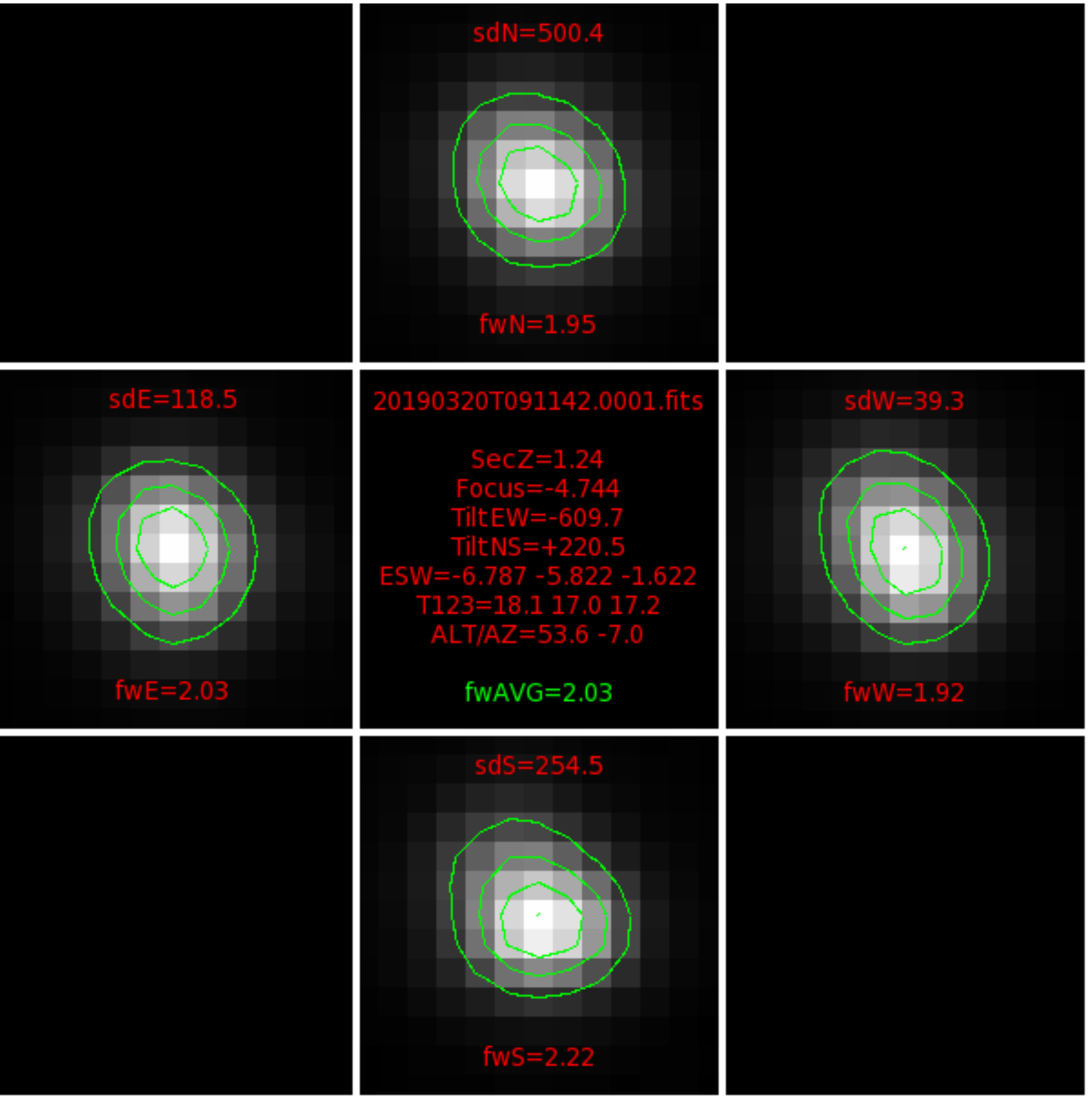
sdN=500.4
fwN=1.95
sdE=118.5
fwE=2.03
20190320T091142.0001.fits
SecZ=1.24
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 17.0 17.2
ALT/AZ=53.6 -7.0
fwAVG=2.03
sdW=39.3
fwW=1.92
sdS=254.5
fwS=2.22
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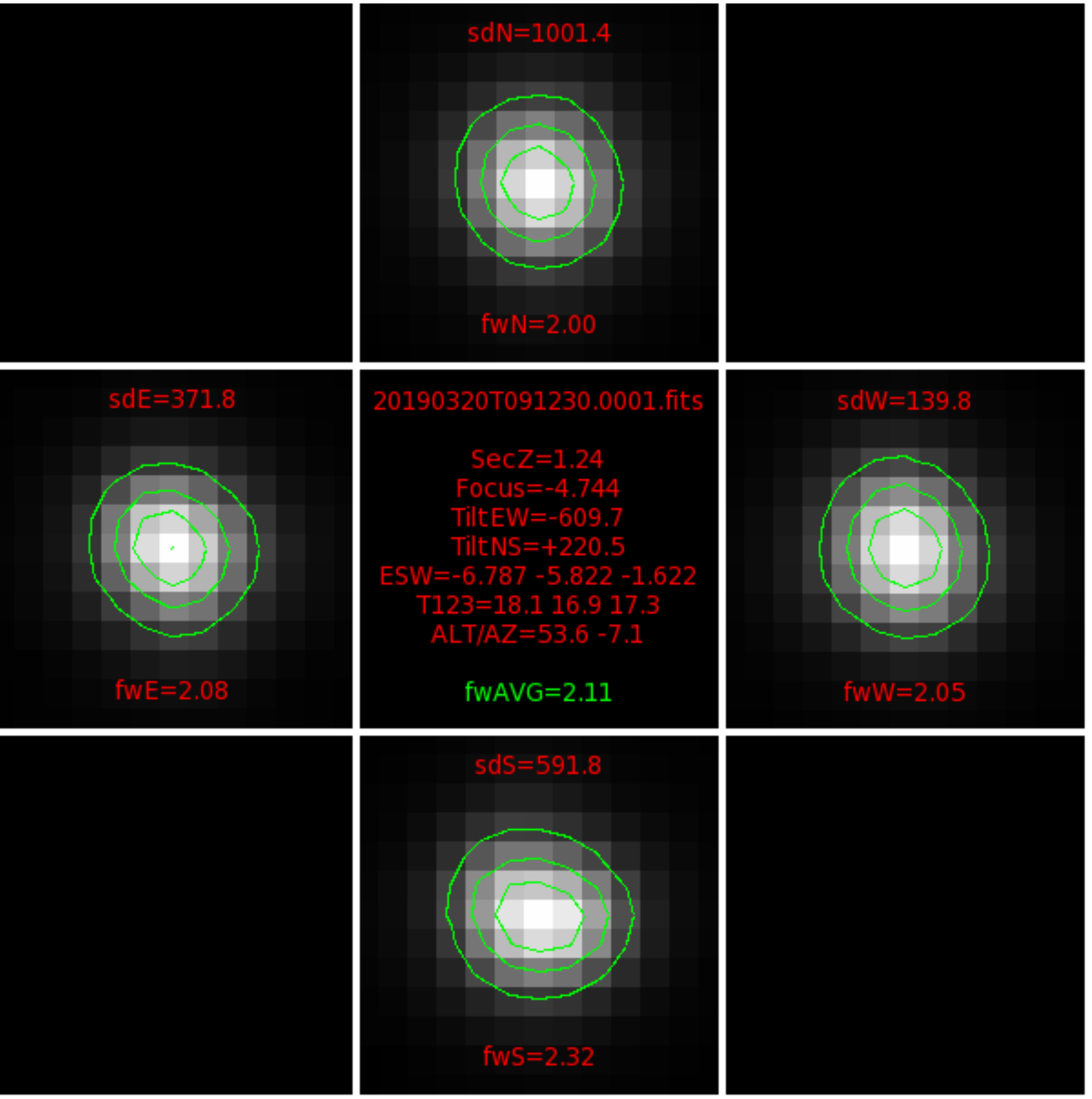
sdN=1001.4
fwN=2.00
sdE=371.8
fwE=2.08
20190320T091230.0001.fits
SecZ=1.24
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 16.9 17.3
ALT/AZ=53.6 -7.1
fwAVG=2.11
sdW=139.8
fwW=2.05
sdS=591.8
fwS=2.32
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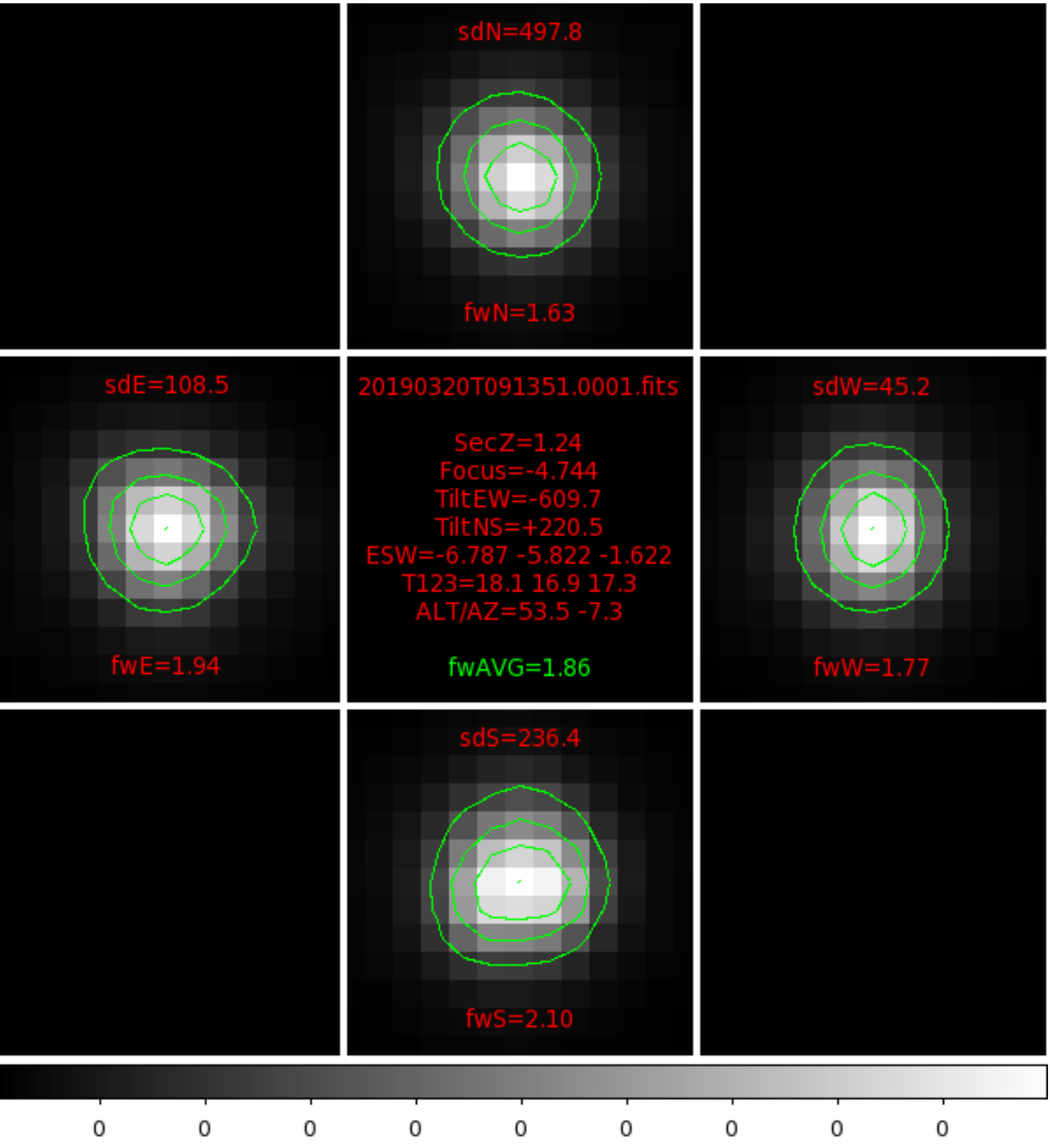
sdN=497.8
fwN=1.63
sdE=108.5
fwE=1.94
20190320T091351.0001.fits
SecZ=1.24
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 16.9 17.3
ALT/AZ=53.5 -7.3
fwAVG=1.86
sdW=45.2
fwW=1.77
sdS=236.4
fwS=2.10
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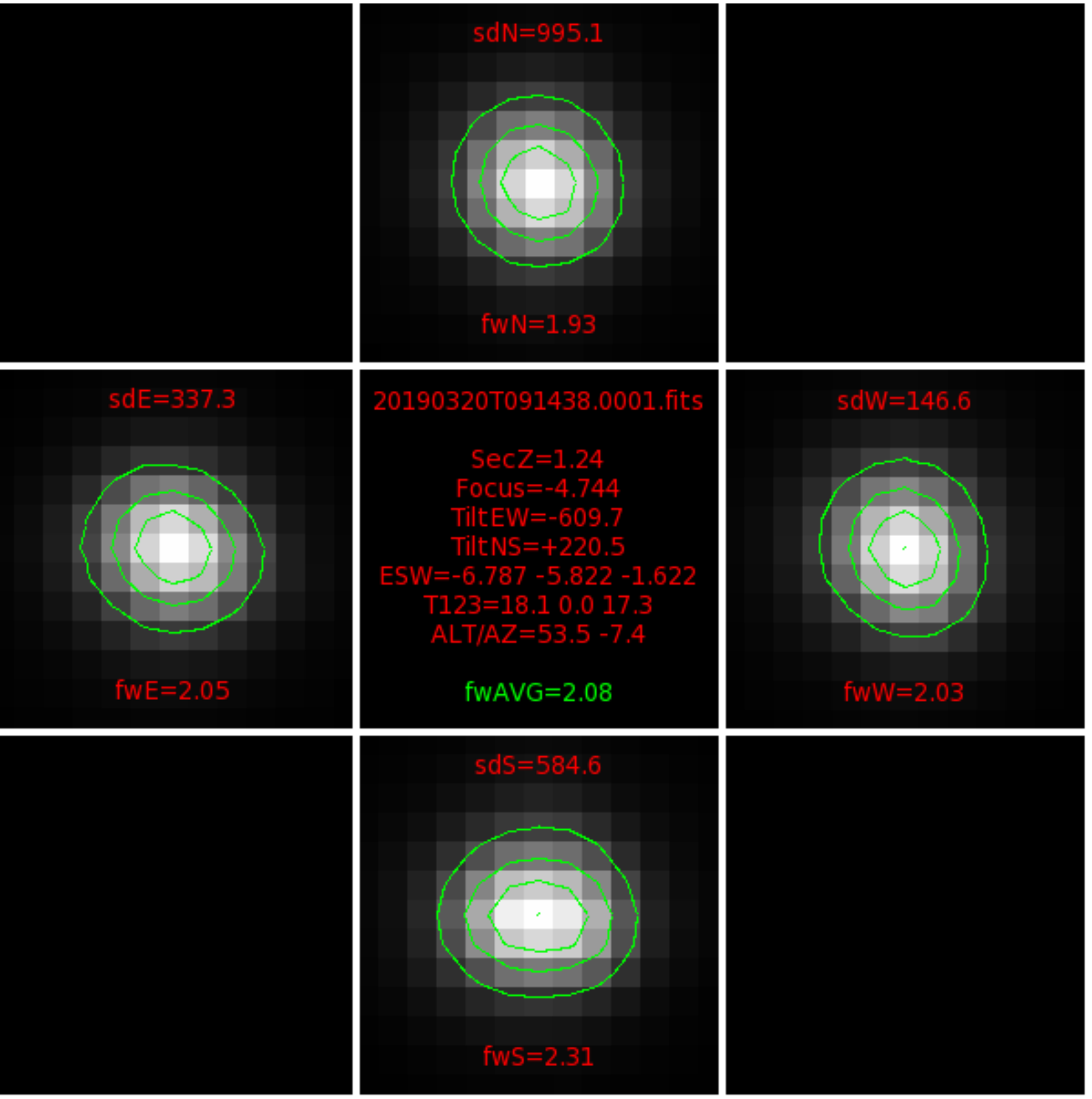
sdN=995.1
fwN=1.93
sdE=337.3
fwE=2.05
20190320T091438.0001.fits
SecZ=1.24
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 0.0 17.3
ALT/AZ=53.5 -7.4
fwAVG=2.08
sdW=146.6
fwW=2.03
sdS=584.6
fwS=2.31
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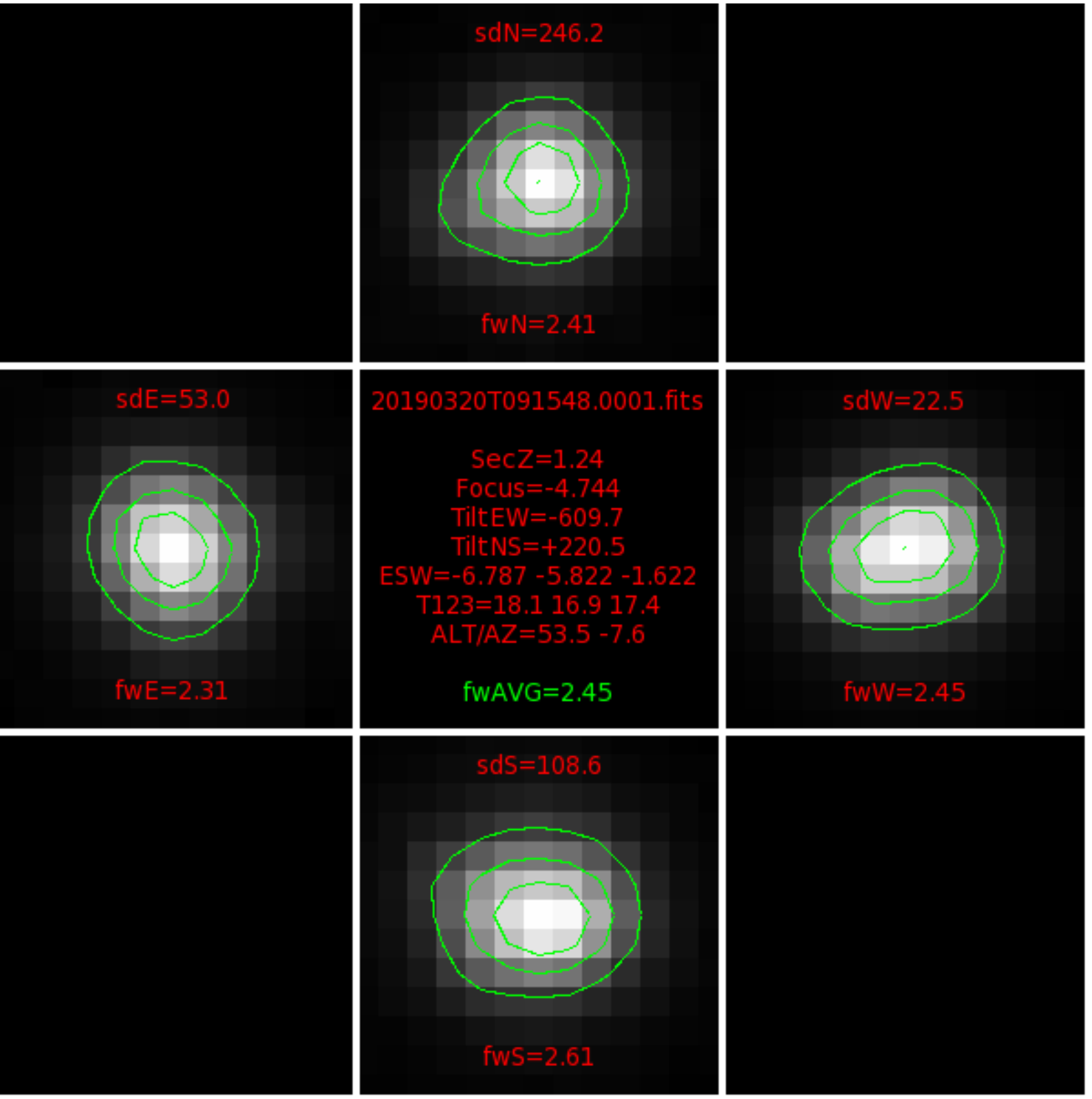
sdN=246.2
fwN=2.41
sdE=53.0
fwE=2.31
20190320T091548.0001.fits
SecZ=1.24
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 16.9 17.4
ALT/AZ=53.5 -7.6
fwAVG=2.45
sdW=22.5
fwW=2.45
sdS=108.6
fwS=2.61
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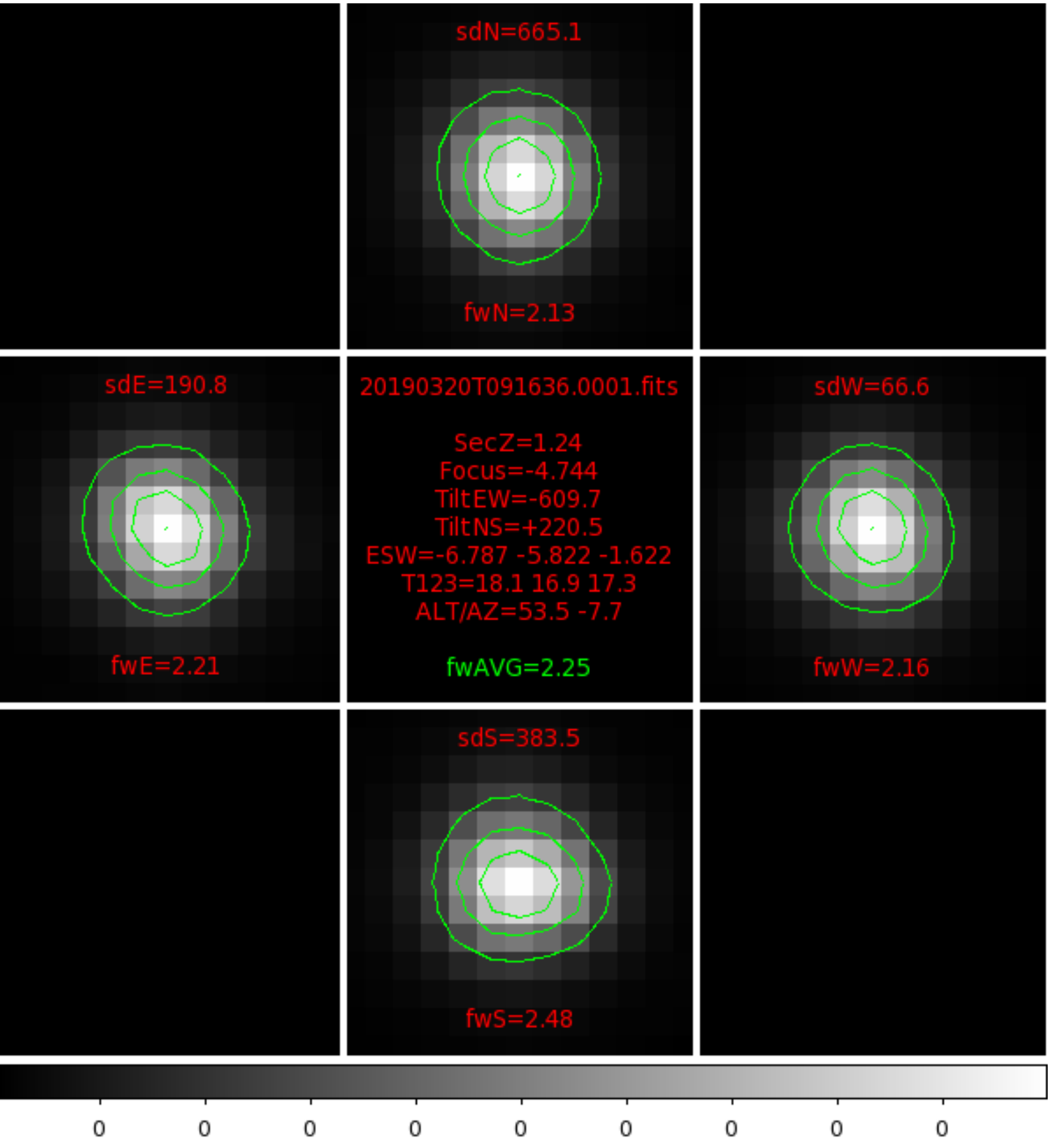
sdN=665.1
fwN=2.13
sdE=190.8
fwE=2.21
20190320T091636.0001.fits
SecZ=1.24
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 16.9 17.3
ALT/AZ=53.5 -7.7
fwAVG=2.25
sdW=66.6
fwW=2.16
sdS=383.5
fwS=2.48
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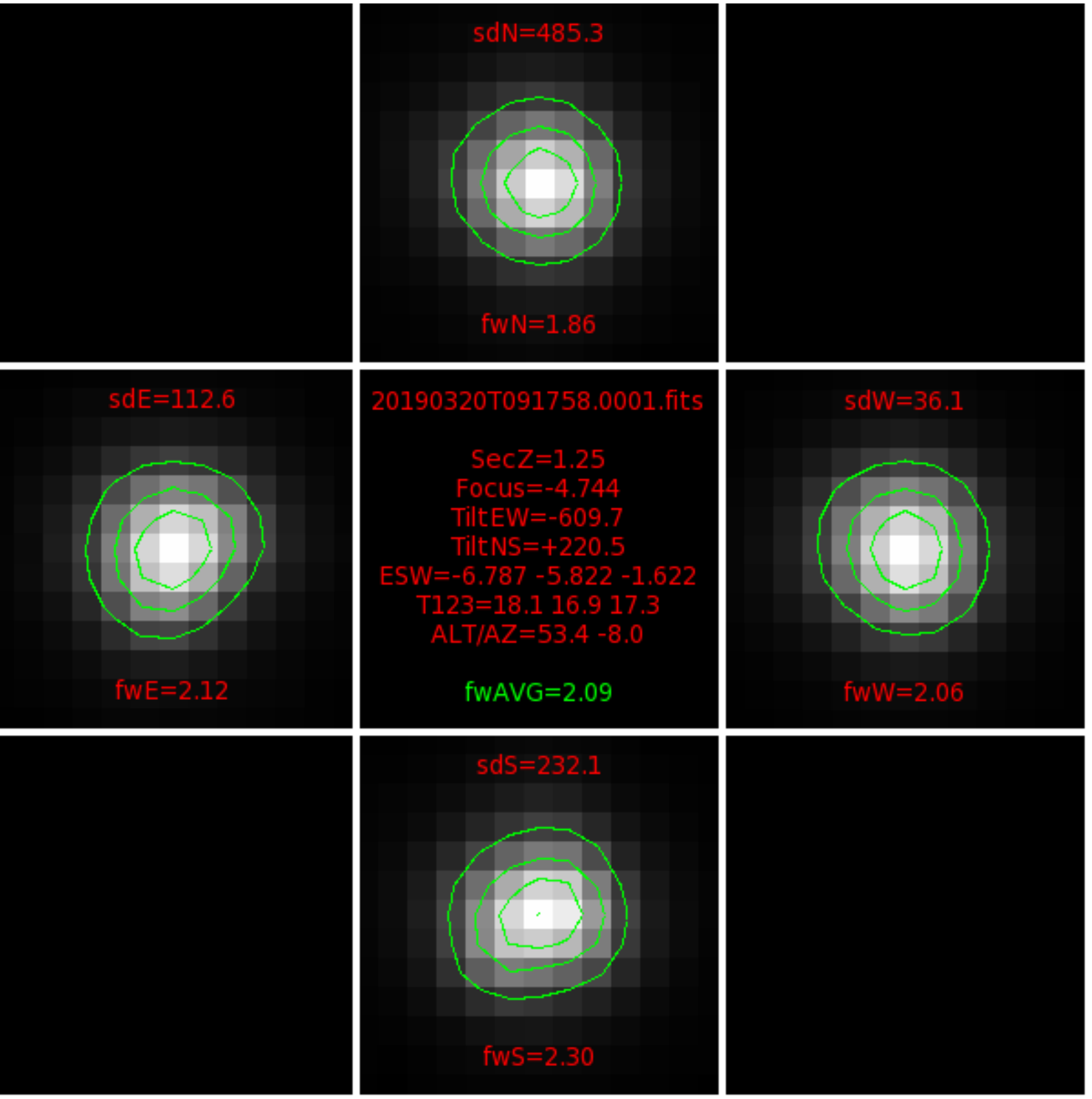
sdN=485.3
fwN=1.86
sdE=112.6
fwE=2.12
20190320T091758.0001.fits
SecZ=1.25
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 16.9 17.3
ALT/AZ=53.4 -8.0
fwAVG=2.09
sdW=36.1
fwW=2.06
sdS=232.1
fwS=2.30
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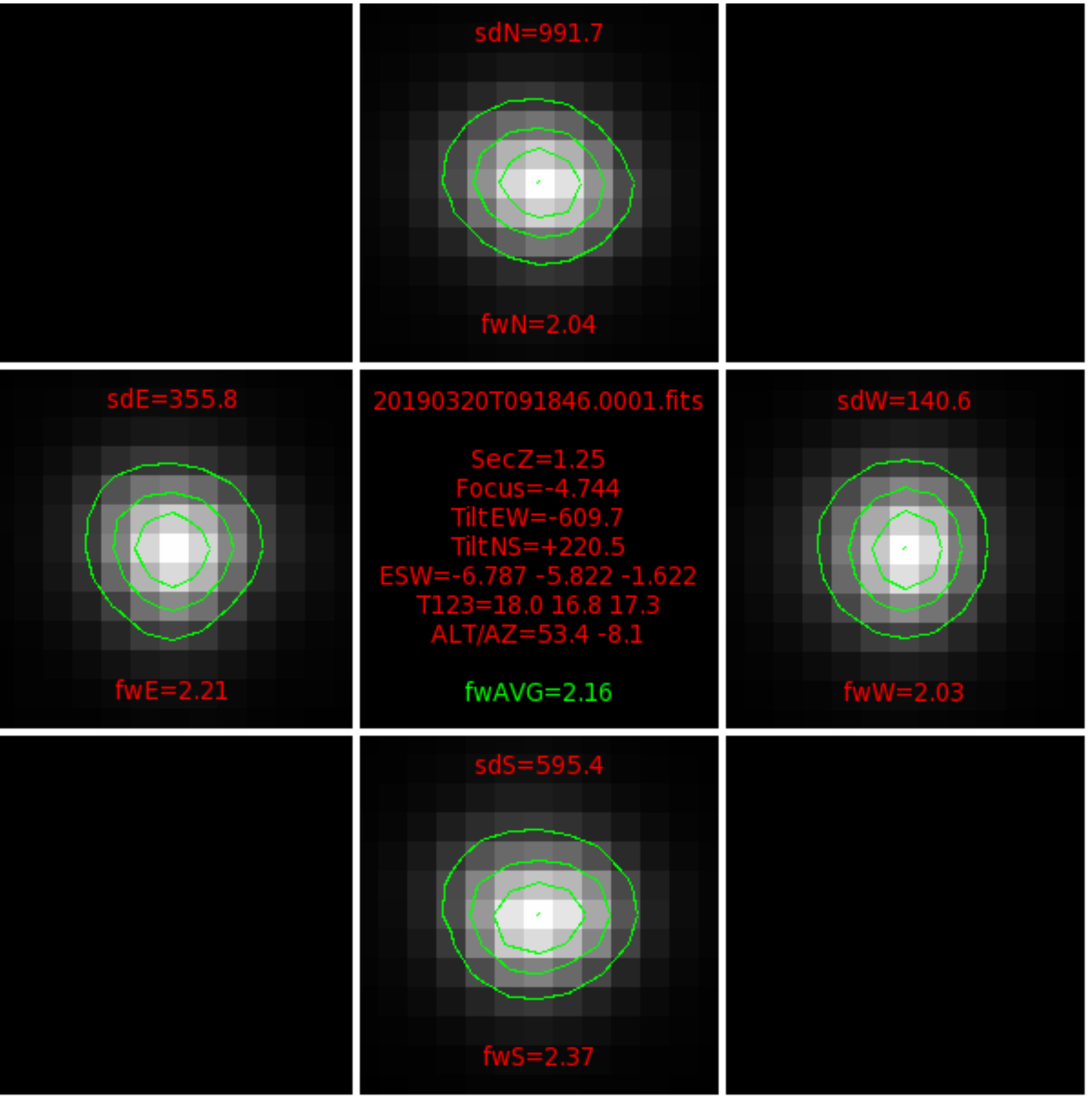
sdN=991.7
fwN=2.04
sdE=355.8
fwE=2.21
20190320T091846.0001.fits
SecZ=1.25
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.0 16.8 17.3
ALT/AZ=53.4 -8.1
fwAVG=2.16
sdW=140.6
fwW=2.03
sdS=595.4
fwS=2.37
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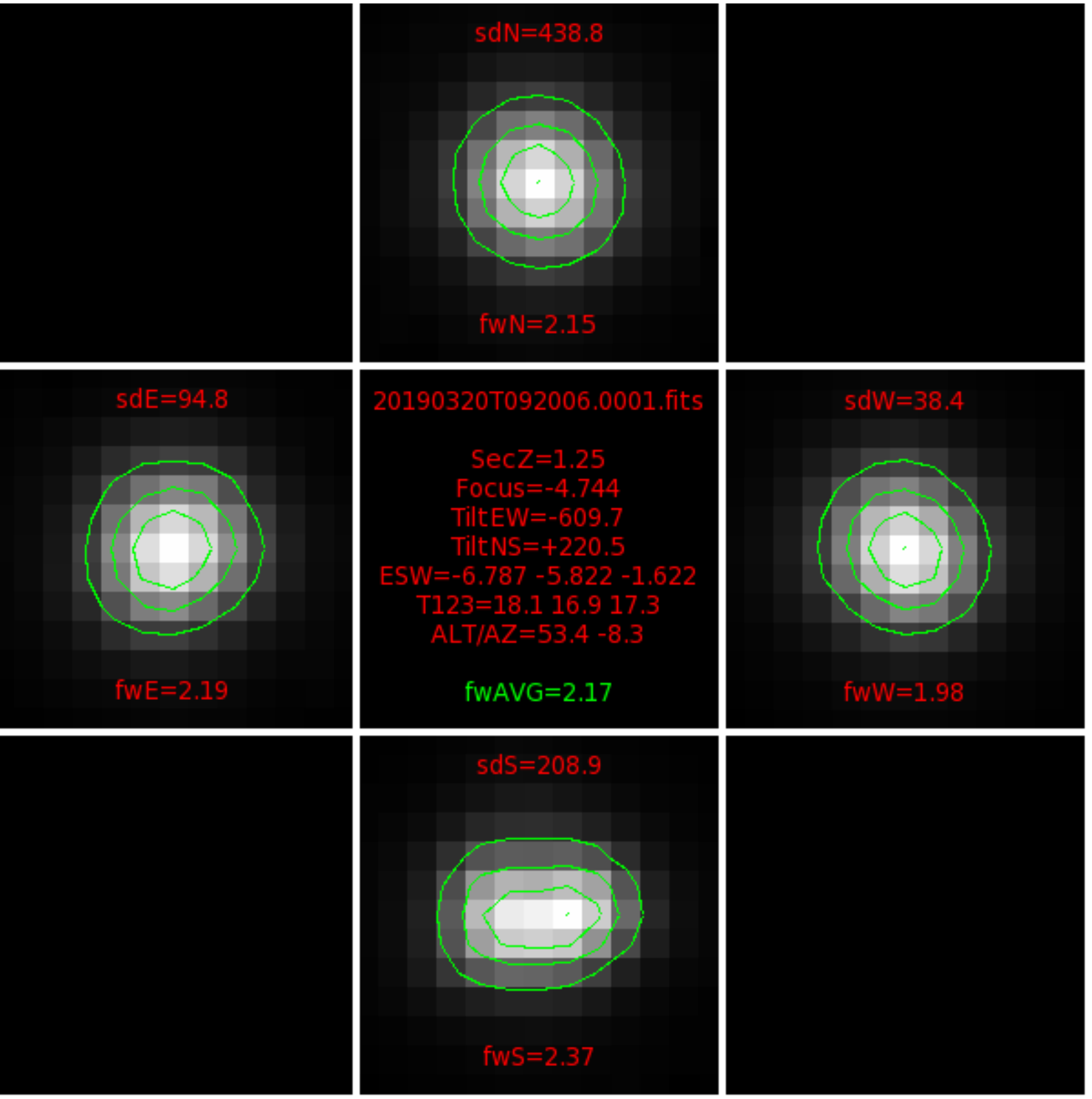
sdN=438.8
fwN=2.15
sdE=94.8
fwE=2.19
20190320T092006.0001.fits
SecZ=1.25
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 16.9 17.3
ALT/AZ=53.4 -8.3
fwAVG=2.17
sdW=38.4
fwW=1.98
sdS=208.9
fwS=2.37
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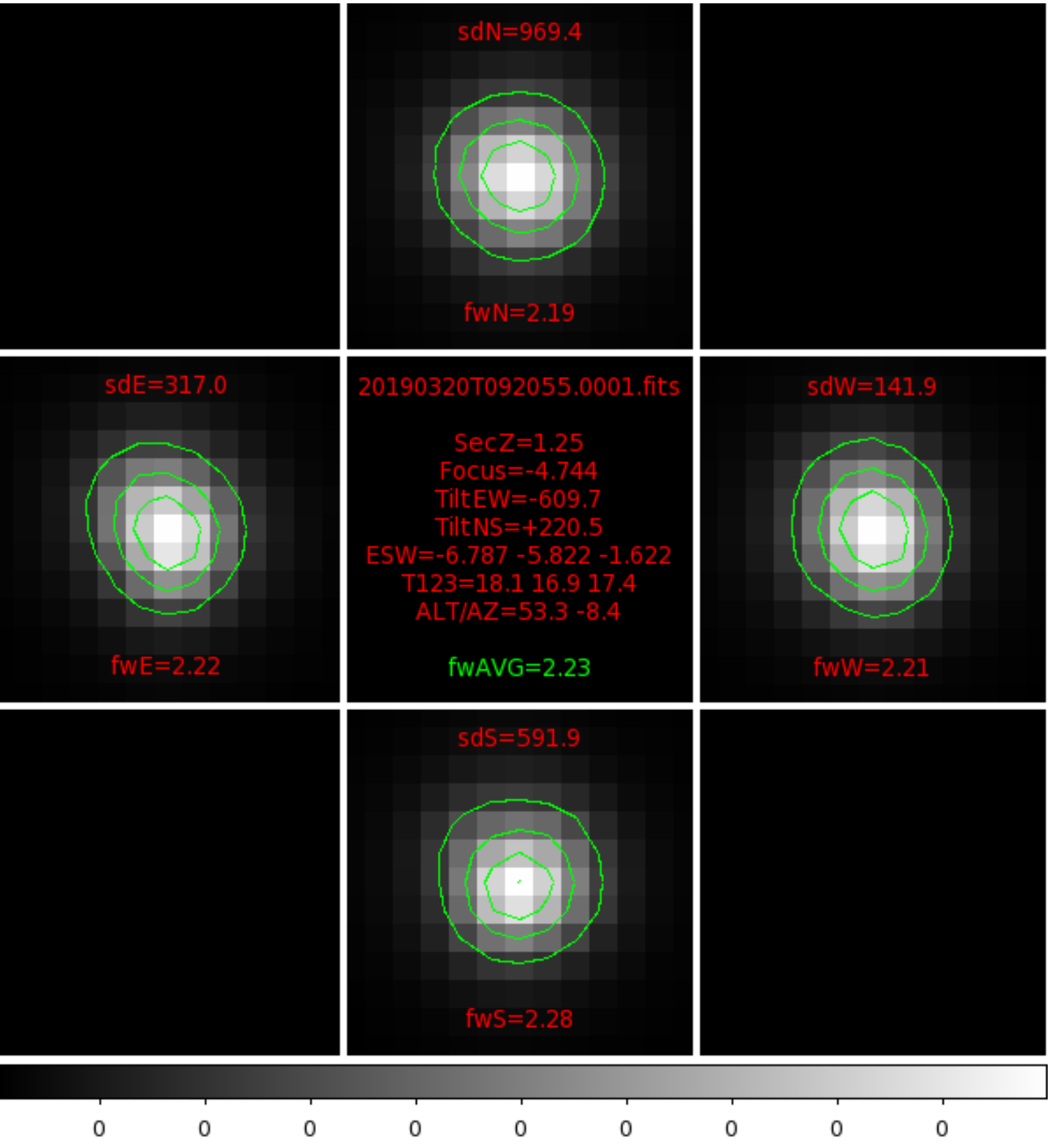
sdN=969.4
fwN=2.19
sdE=317.0
fwE=2.22
20190320T092055.0001.fits
SecZ=1.25
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=18.1 16.9 17.4
ALT/AZ=53.3 -8.4
fwAVG=2.23
sdW=141.9
fwW=2.21
sdS=591.9
fwS=2.28
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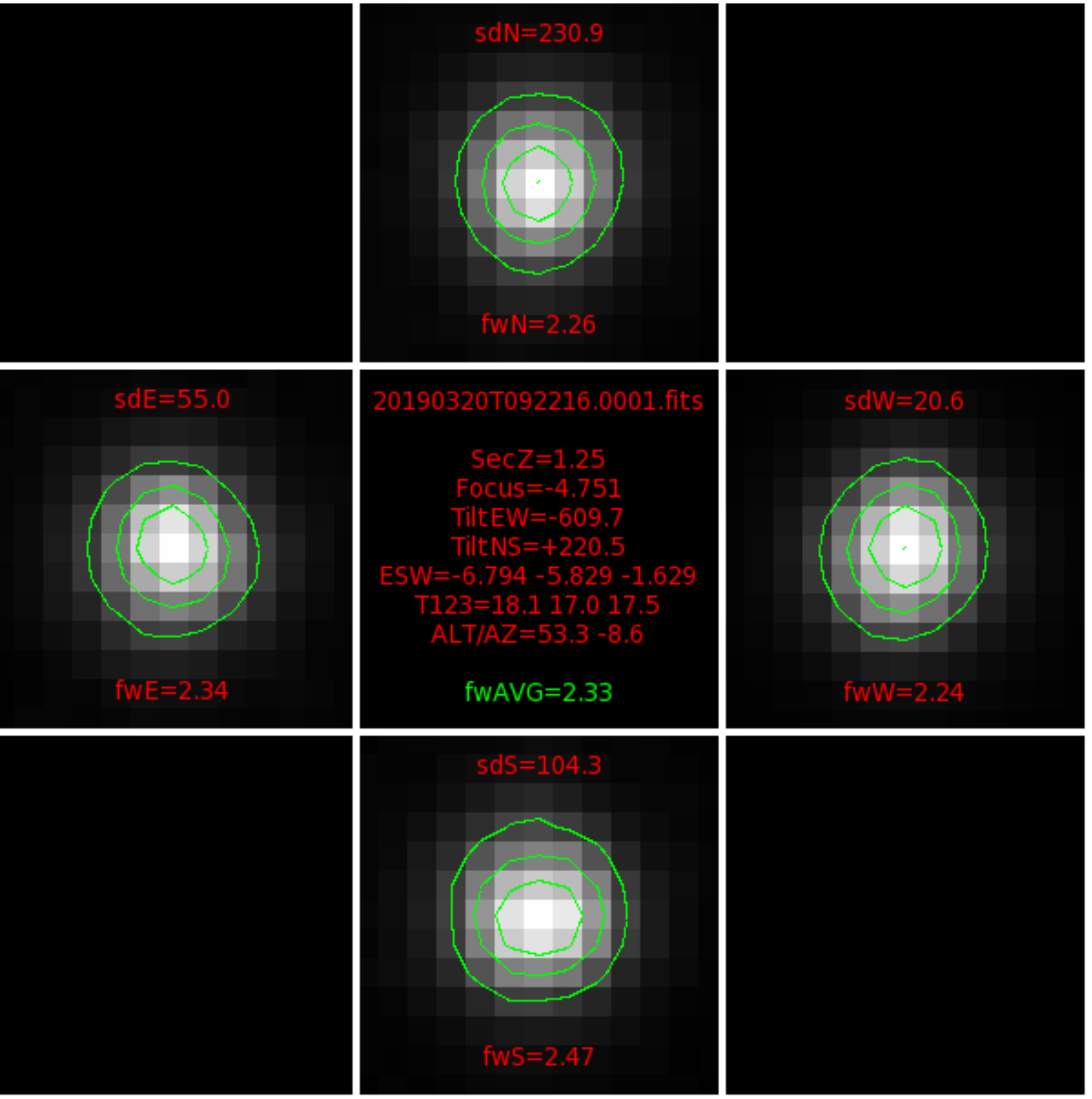
sdN=230.9
fwN=2.26
sdE=55.0
fwE=2.34
20190320T092216.0001.fits
SecZ=1.25
Focus=-4.751
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.794 -5.829 -1.629
T123=18.1 17.0 17.5
ALT/AZ=53.3 -8.6
fwAVG=2.33
sdW=20.6
fwW=2.24
sdS=104.3
fwS=2.47
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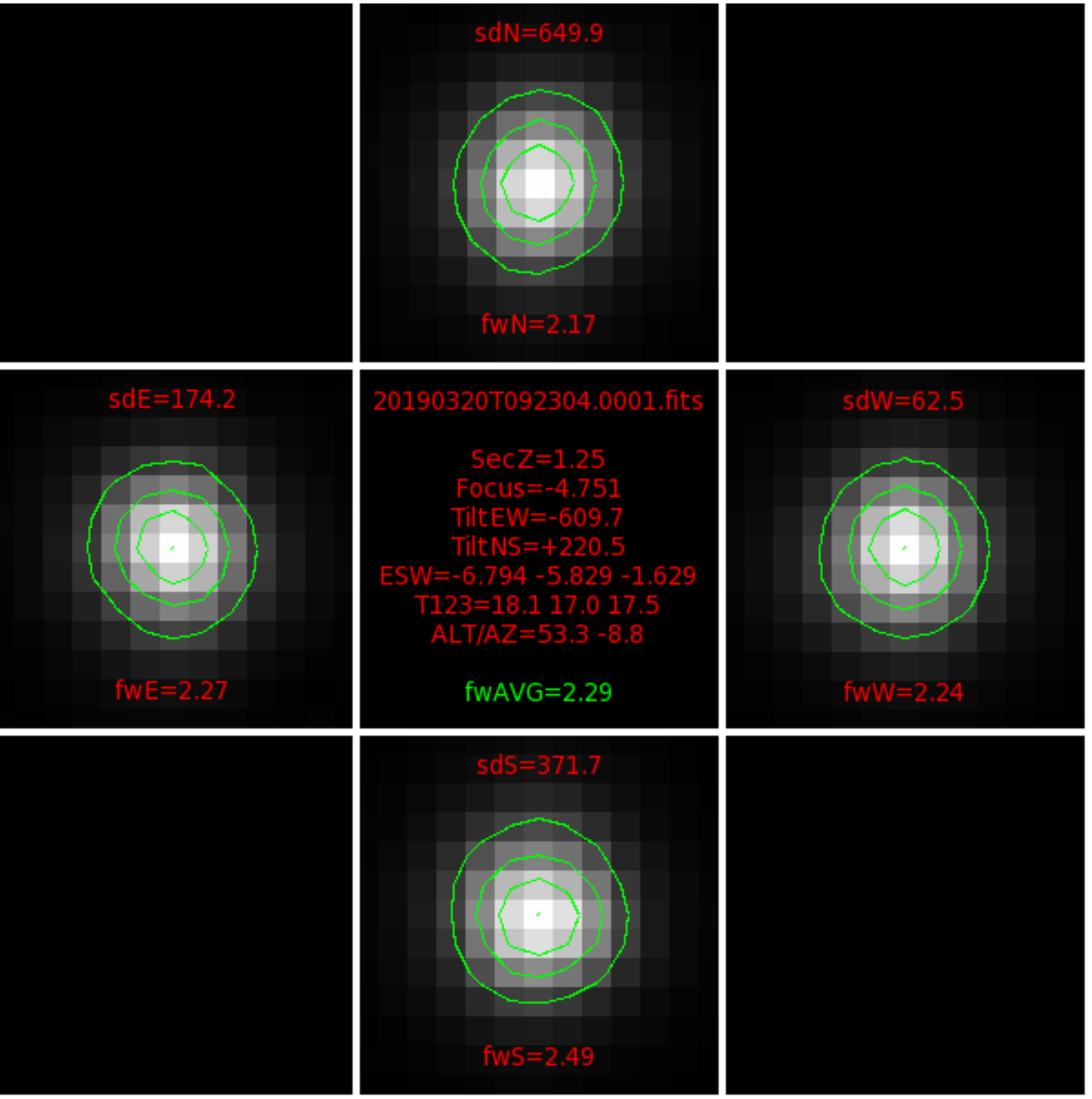
sdN=649.9
fwN=2.17
sdE=174.2
fwE=2.27
20190320T092304.0001.fits
SecZ=1.25
Focus=-4.751
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.794 -5.829 -1.629
T123=18.1 17.0 17.5
ALT/AZ=53.3 -8.8
fwAVG=2.29
sdW=62.5
fwW=2.24
sdS=371.7
fwS=2.49
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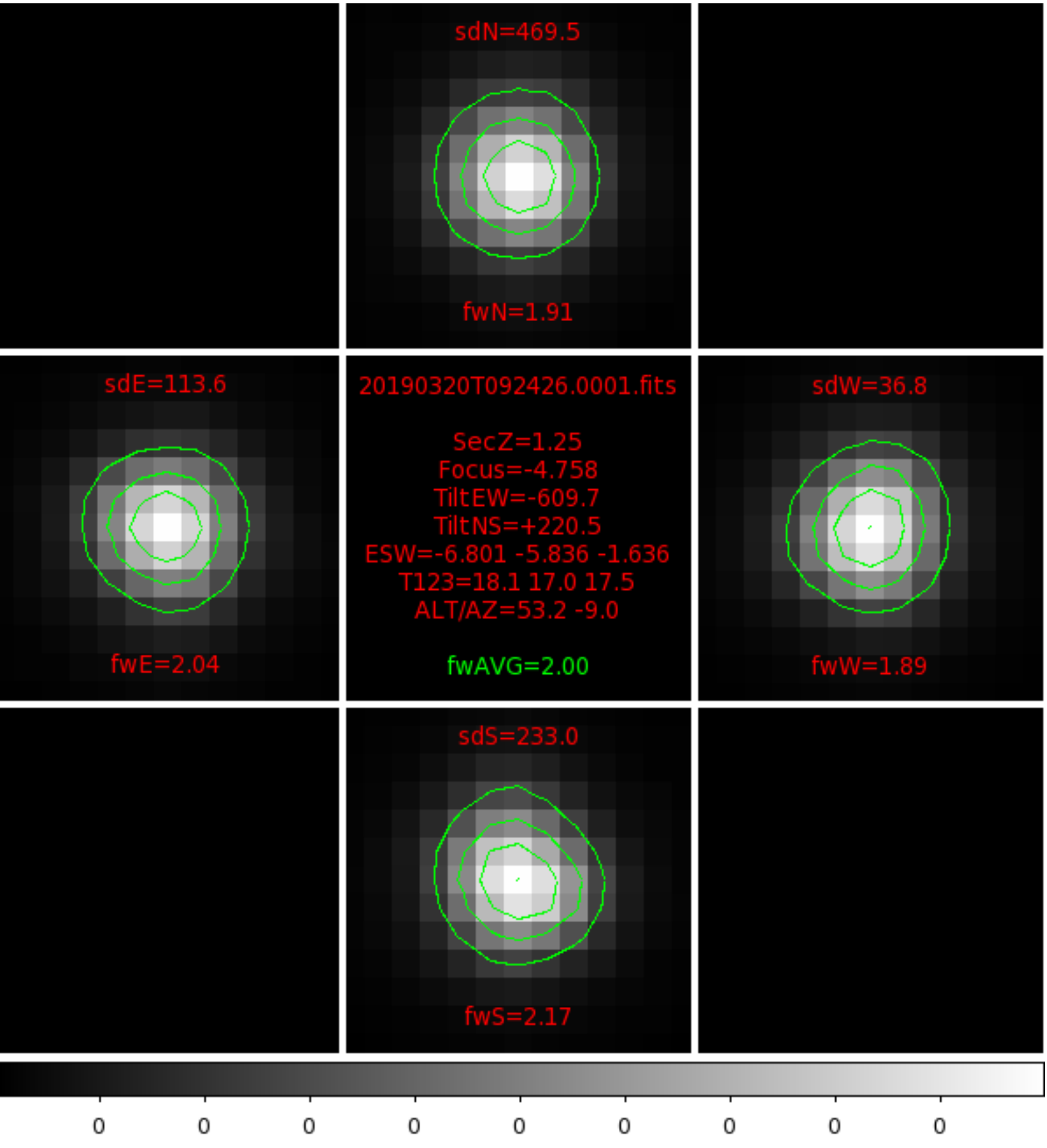
sdN=469.5
fwN=1.91
sdE=113.6
fwE=2.04
20190320T092426.0001.fits
SecZ=1.25
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=18.1 17.0 17.5
ALT/AZ=53.2 -9.0
fwAVG=2.00
sdW=36.8
fwW=1.89
sdS=233.0
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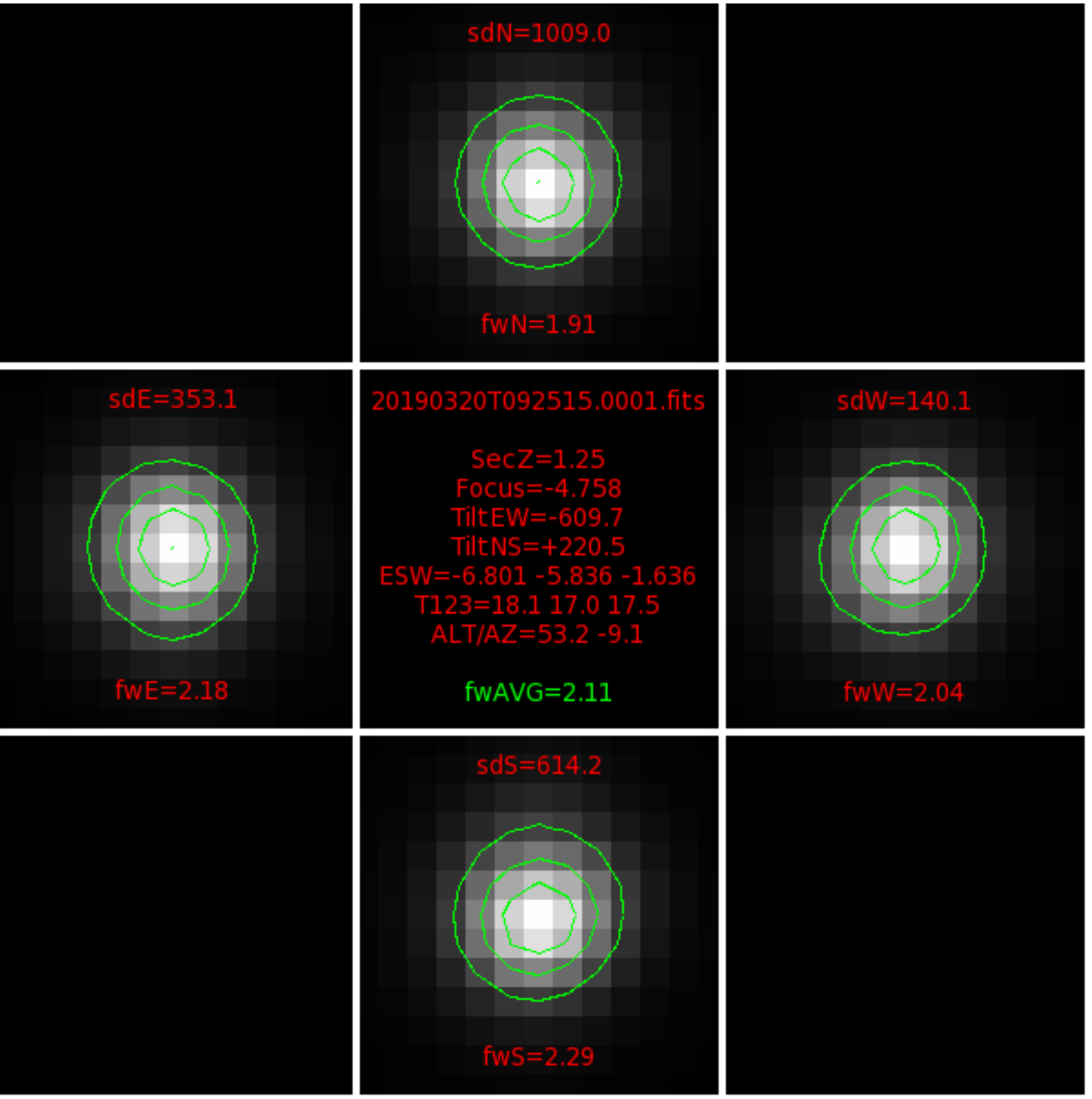
sdN=1009.0
fwN=1.91
sdE=353.1
fwE=2.18
20190320T092515.0001.fits
SecZ=1.25
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=18.1 17.0 17.5
ALT/AZ=53.2 -9.1
fwAVG=2.11
sdW=140.1
fwW=2.04
sdS=614.2
fwS=2.29
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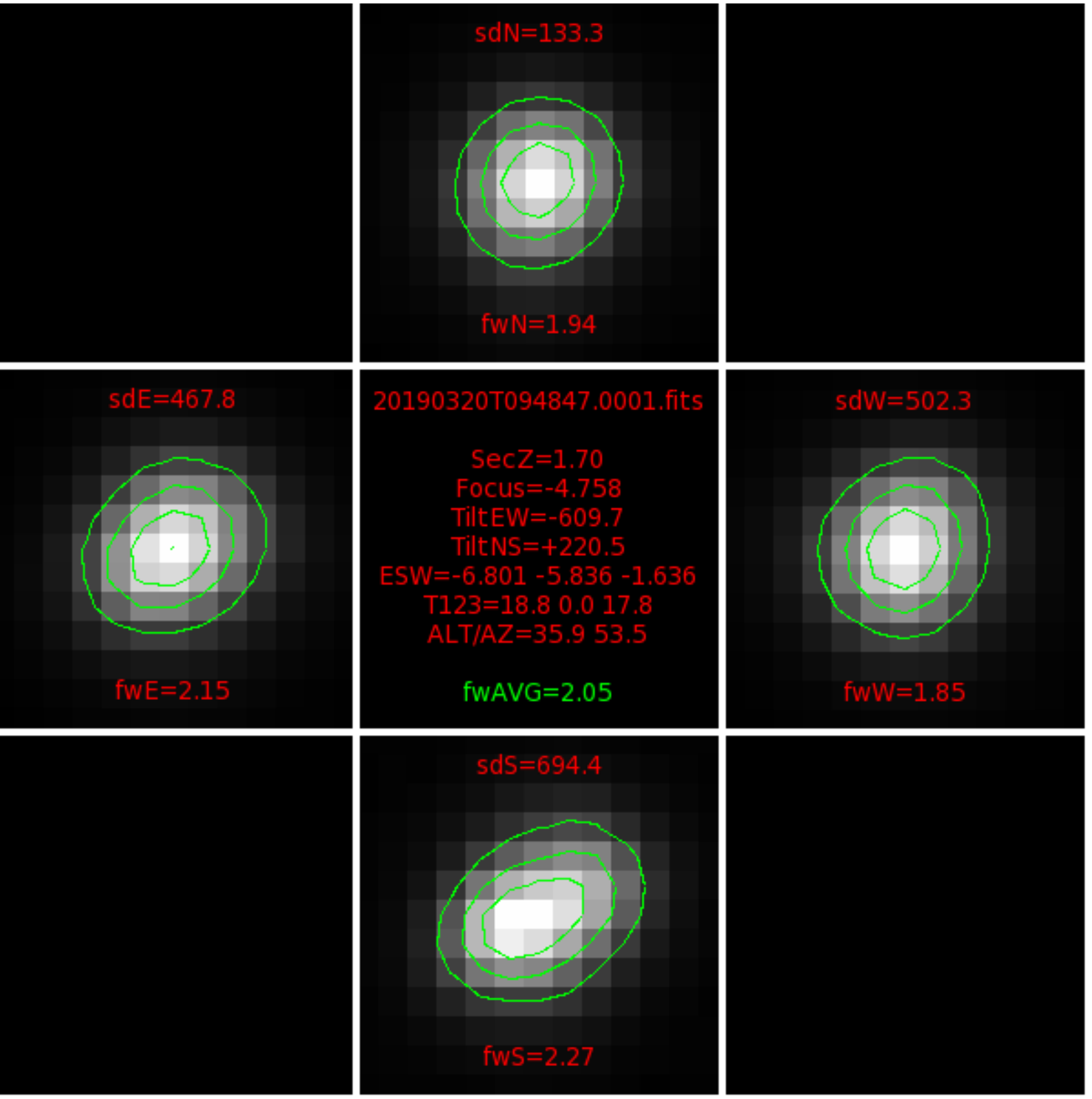
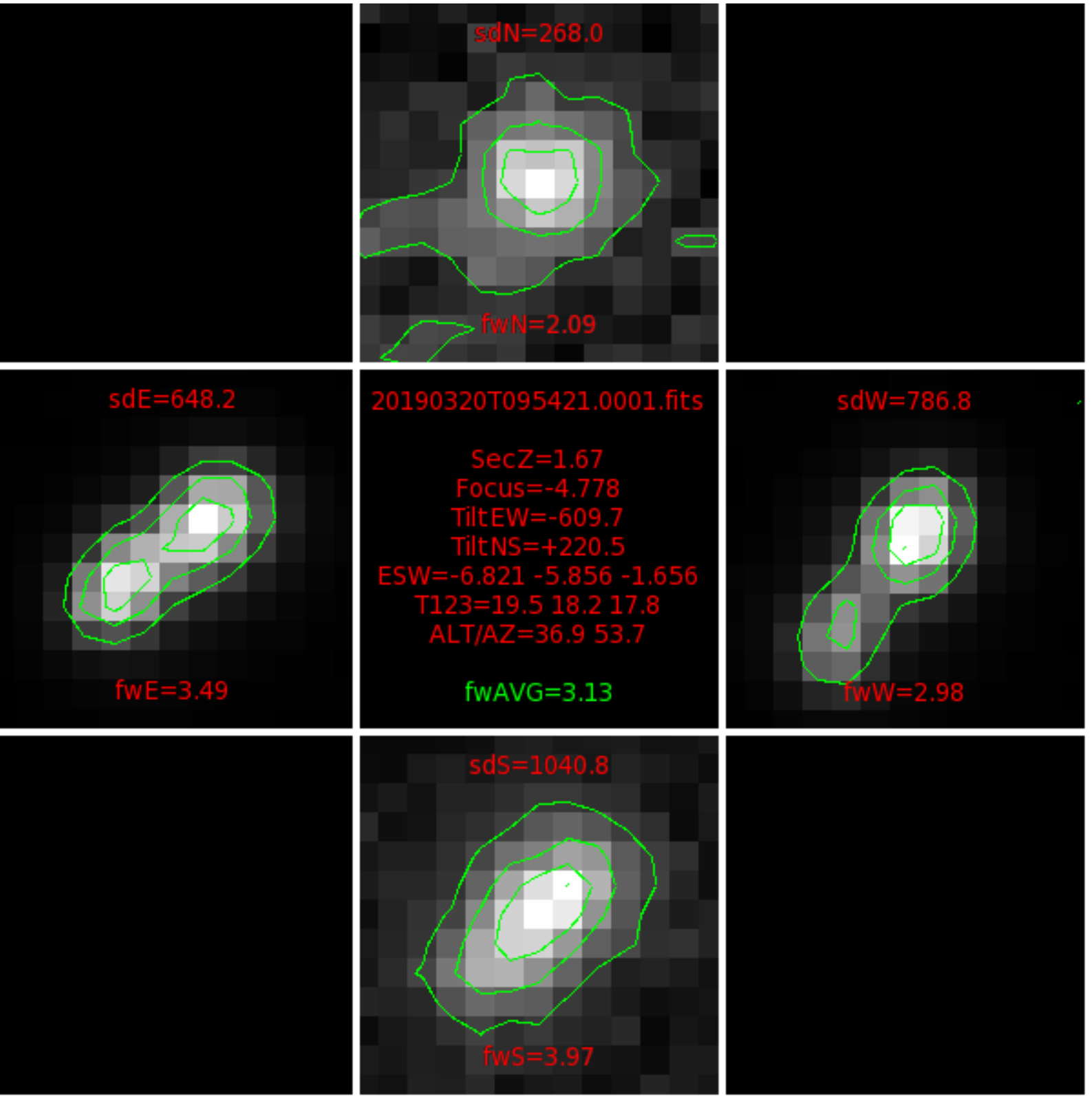

sdN=133.3
fwN=1.94
sdE=467.8
fwE=2.15
20190320T094847.0001.fits
SecZ=1.70
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=18.8 0.0 17.8
ALT/AZ=35.9 53.5
fwAVG=2.05
sdW=502.3
fwW=1.85
sdS=694.4
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=268.0
fwN=2.09
sdE=648.2
fwE=3.49
20190320T095421.0001.fits
SecZ=1.67
Focus=-4.778
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.821 -5.856 -1.656
T123=19.5 18.2 17.8
ALT/AZ=36.9 53.7
fwAVG=3.13
sdW=786.8
fwW=2.98
sdS=1040.8
fwS=3.97
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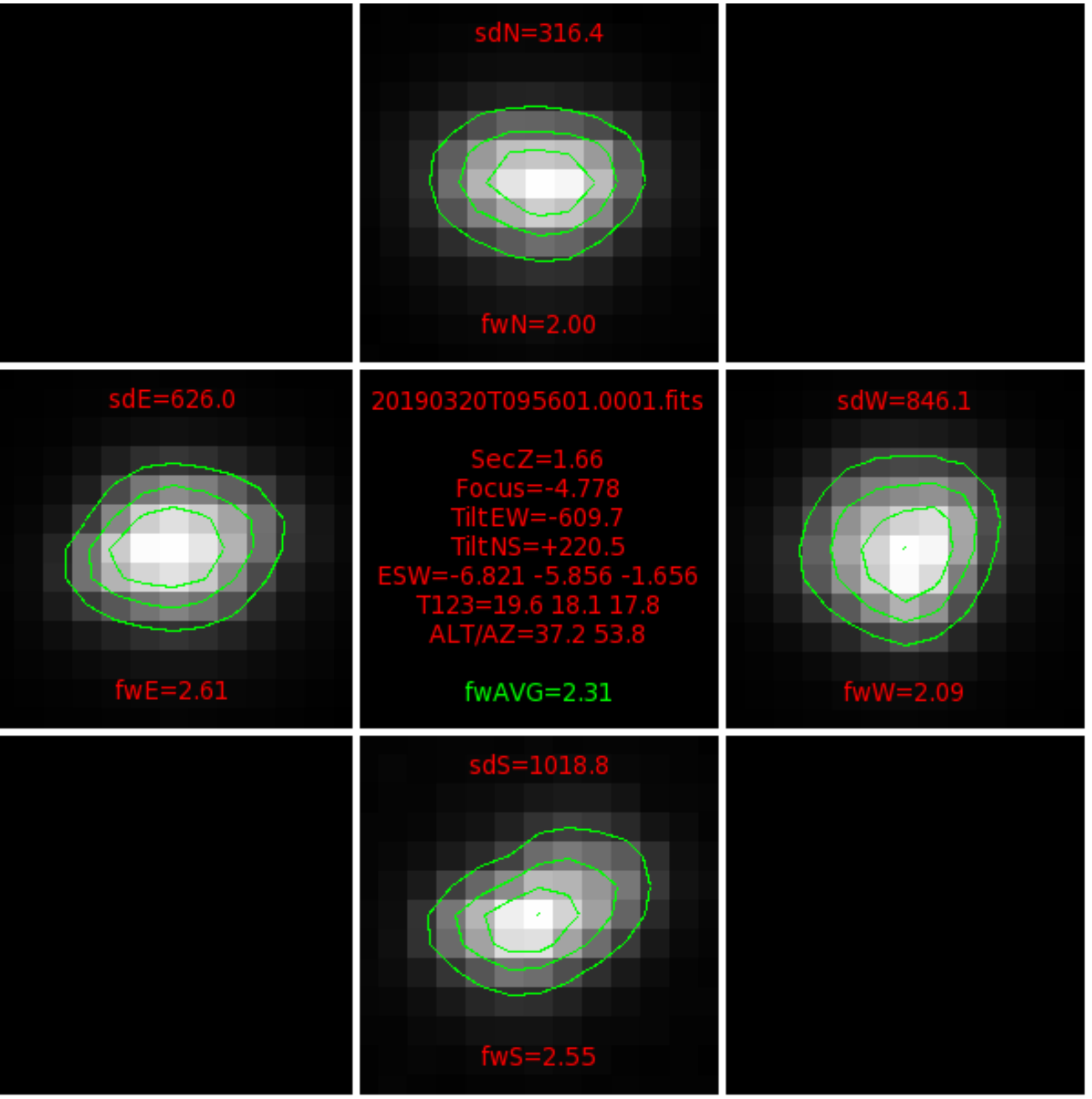
sdN=316.4
fwN=2.00
sdE=626.0
fwE=2.61
20190320T095601.0001.fits
SecZ=1.66
Focus=-4.778
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.821 -5.856 -1.656
T123=19.6 18.1 17.8
ALT/AZ=37.2 53.8
fwAVG=2.31
sdW=846.1
fwW=2.09
sdS=1018.8
fwS=2.55
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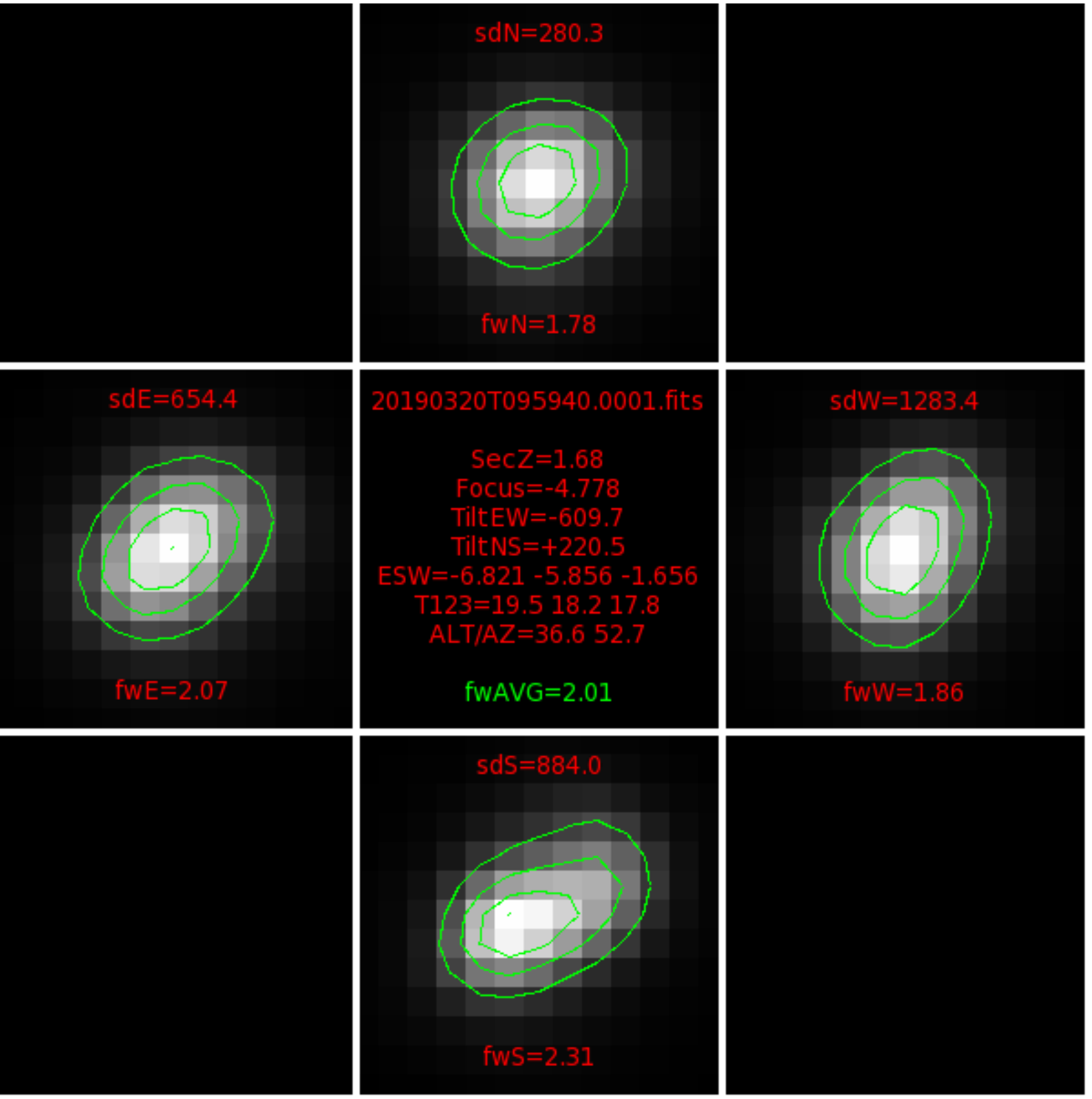
sdN=280.3
fwN=1.78
sdE=654.4
fwE=2.07
20190320T095940.0001.fits
SecZ=1.68
Focus=-4.778
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.821 -5.856 -1.656
T123=19.5 18.2 17.8
ALT/AZ=36.6 52.7
fwAVG=2.01
sdW=1283.4
fwW=1.86
sdS=884.0
fwS=2.31
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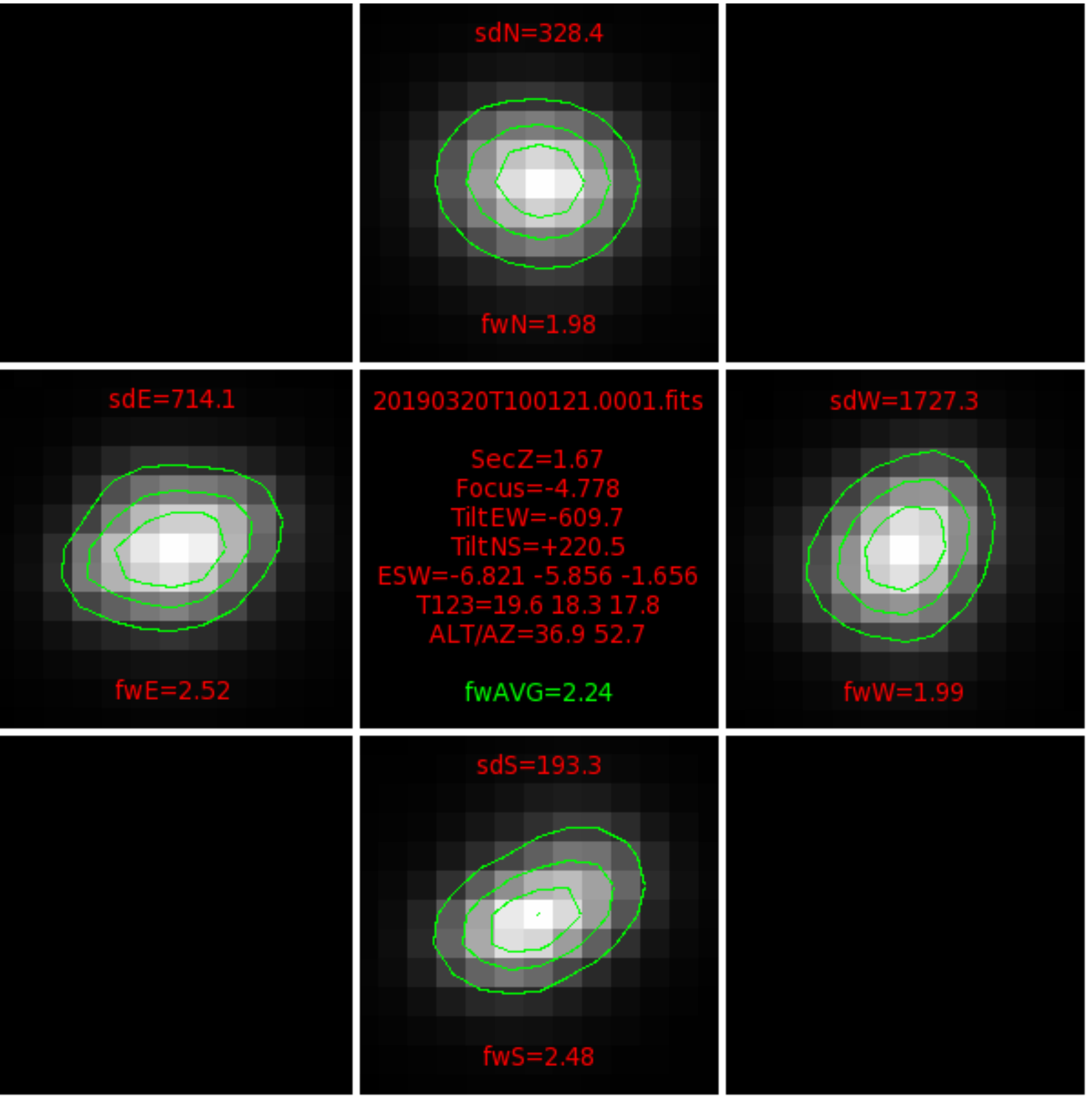
sdN=328.4
fwN=1.98
sdE=714.1
fwE=2.52
20190320T100121.0001.fits
SecZ=1.67
Focus=-4.778
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.821 -5.856 -1.656
T123=19.6 18.3 17.8
ALT/AZ=36.9 52.7
fwAVG=2.24
sdW=1727.3
fwW=1.99
sdS=193.3
fwS=2.48
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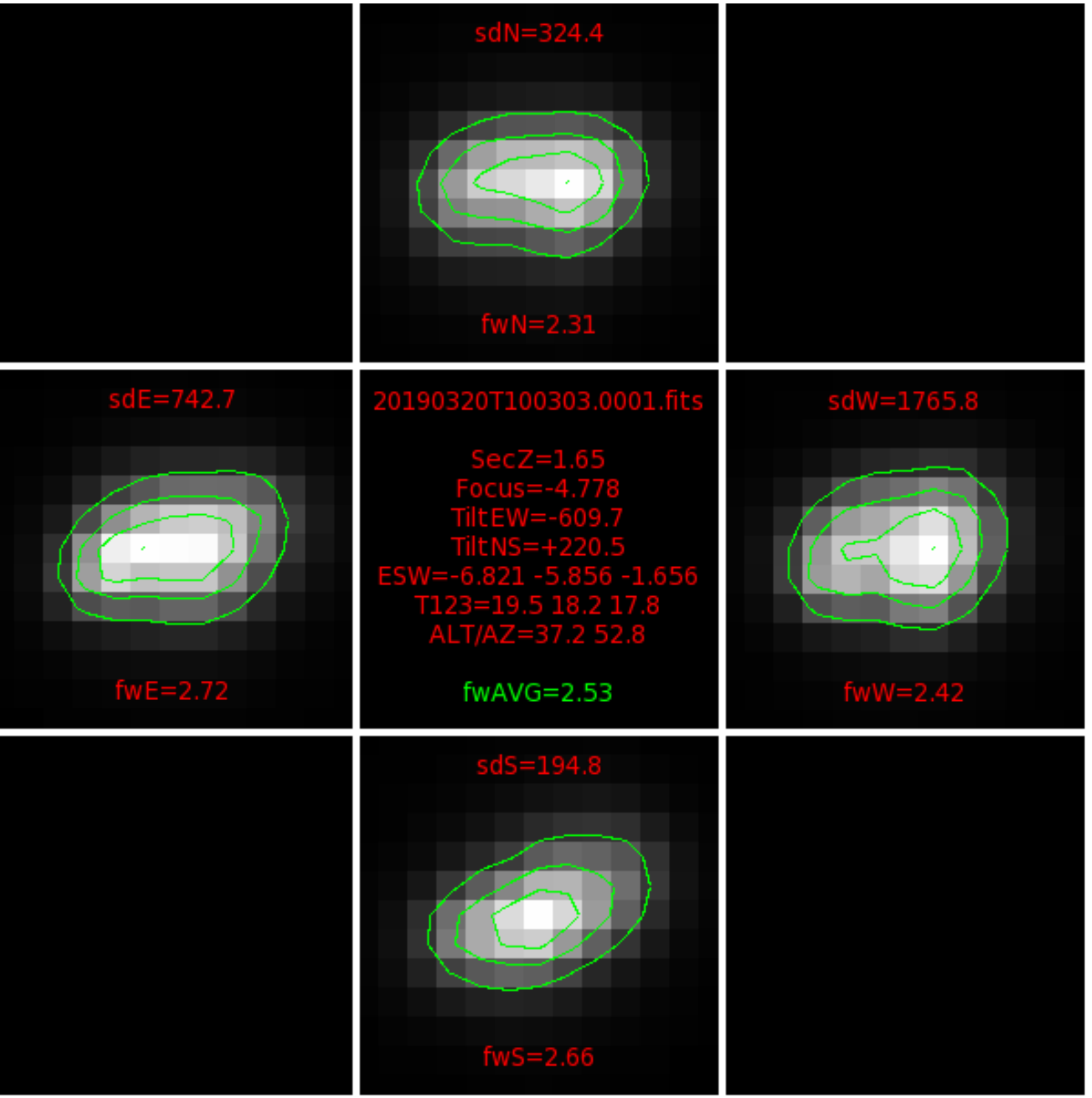
sdN=324.4
fwN=2.31
sdE=742.7
fwE=2.72
20190320T100303.0001.fits
SecZ=1.65
Focus=-4.778
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.821 -5.856 -1.656
T123=19.5 18.2 17.8
ALT/AZ=37.2 52.8
fwAVG=2.53
sdW=1765.8
fwW=2.42
sdS=194.8
fwS=2.66
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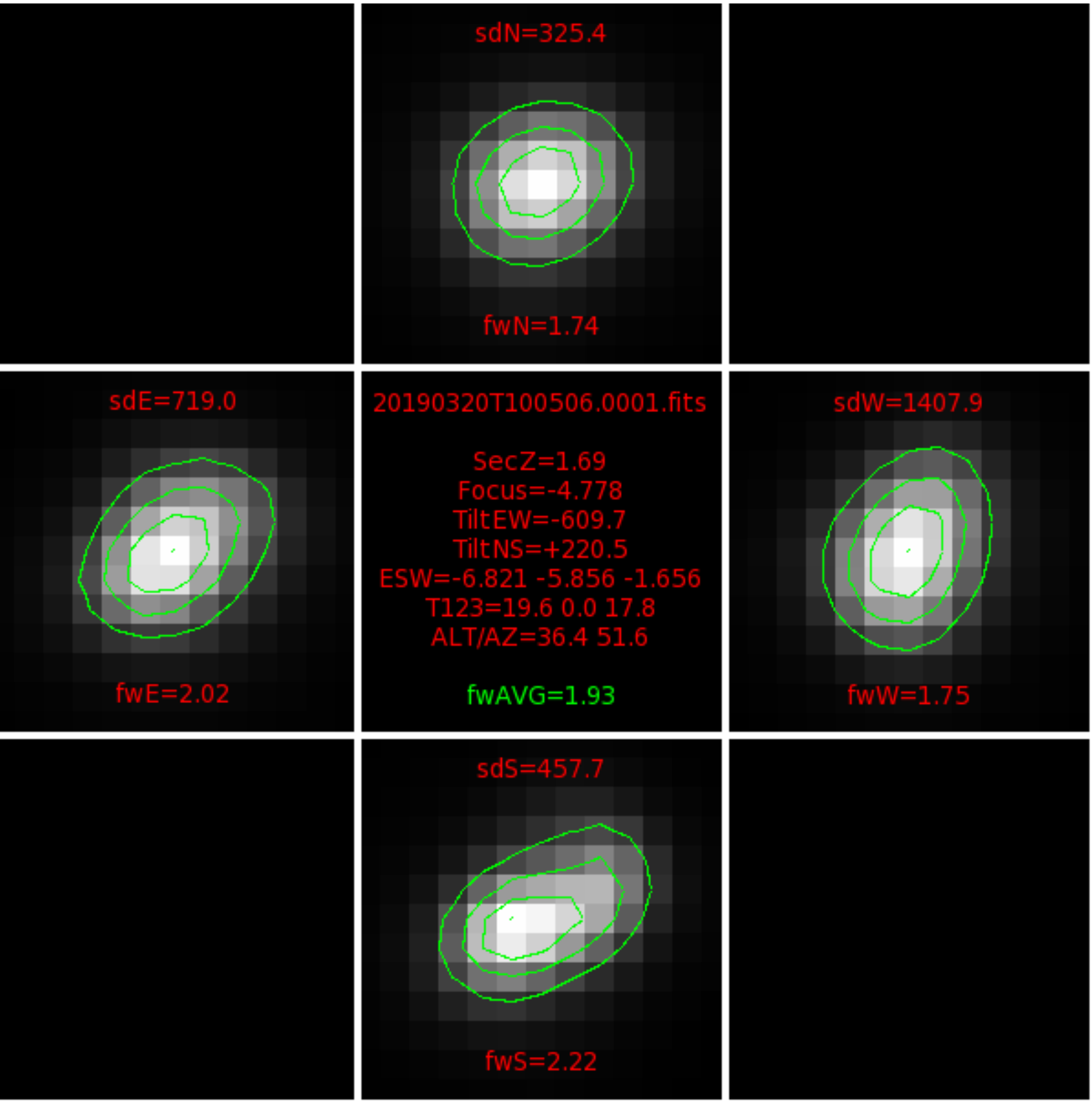
sdN=325.4
fwN=1.74
sdE=719.0
fwE=2.02
20190320T100506.0001.fits
SecZ=1.69
Focus=-4.778
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.821 -5.856 -1.656
T123=19.6 0.0 17.8
ALT/AZ=36.4 51.6
fwAVG=1.93
sdW=1407.9
fwW=1.75
sdS=457.7
fwS=2.22
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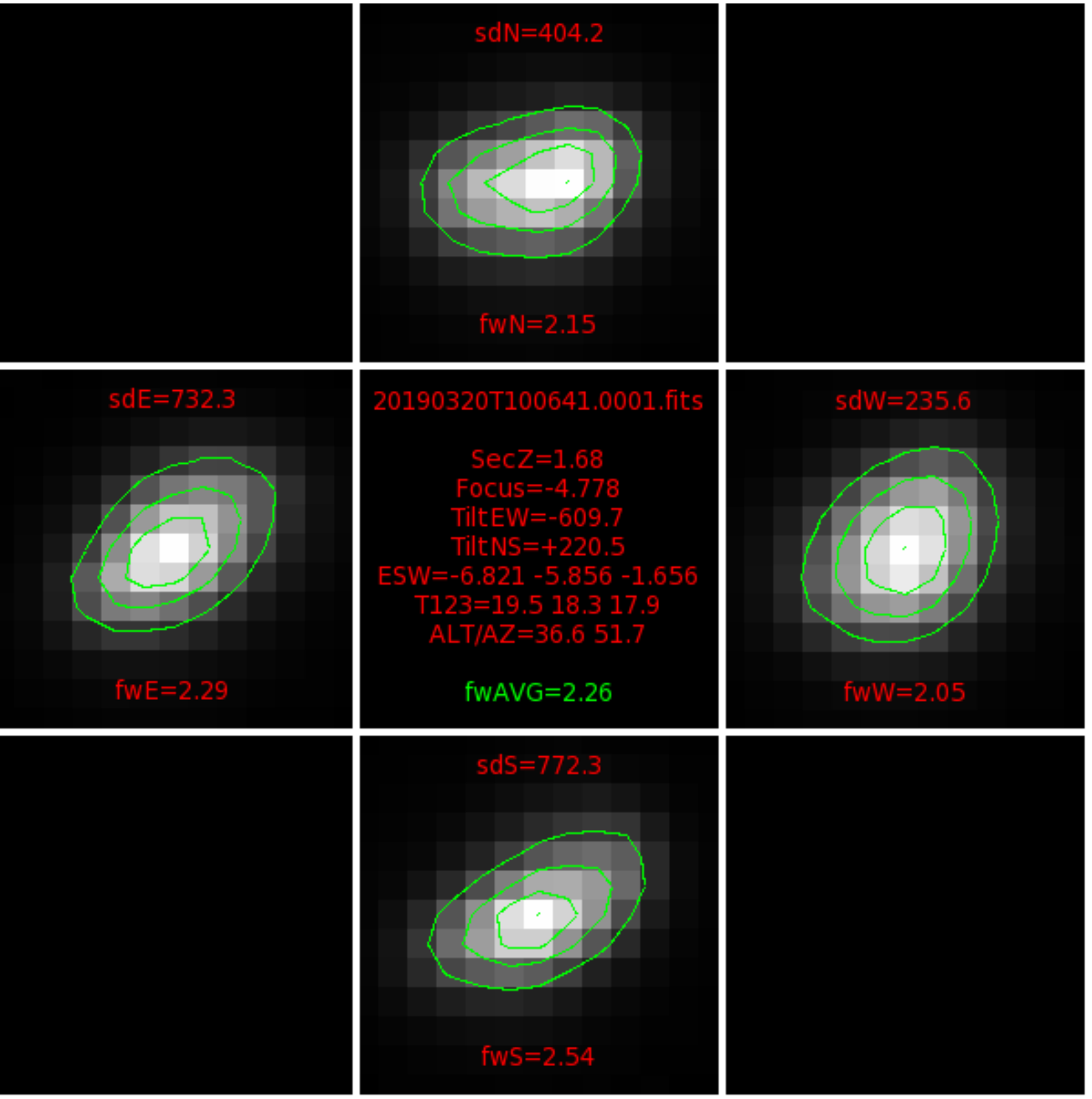
sdN=404.2
fwN=2.15
sdE=732.3
fwE=2.29
20190320T100641.0001.fits
SecZ=1.68
Focus=-4.778
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.821 -5.856 -1.656
T123=19.5 18.3 17.9
ALT/AZ=36.6 51.7
fwAVG=2.26
sdW=235.6
fwW=2.05
sdS=772.3
fwS=2.54
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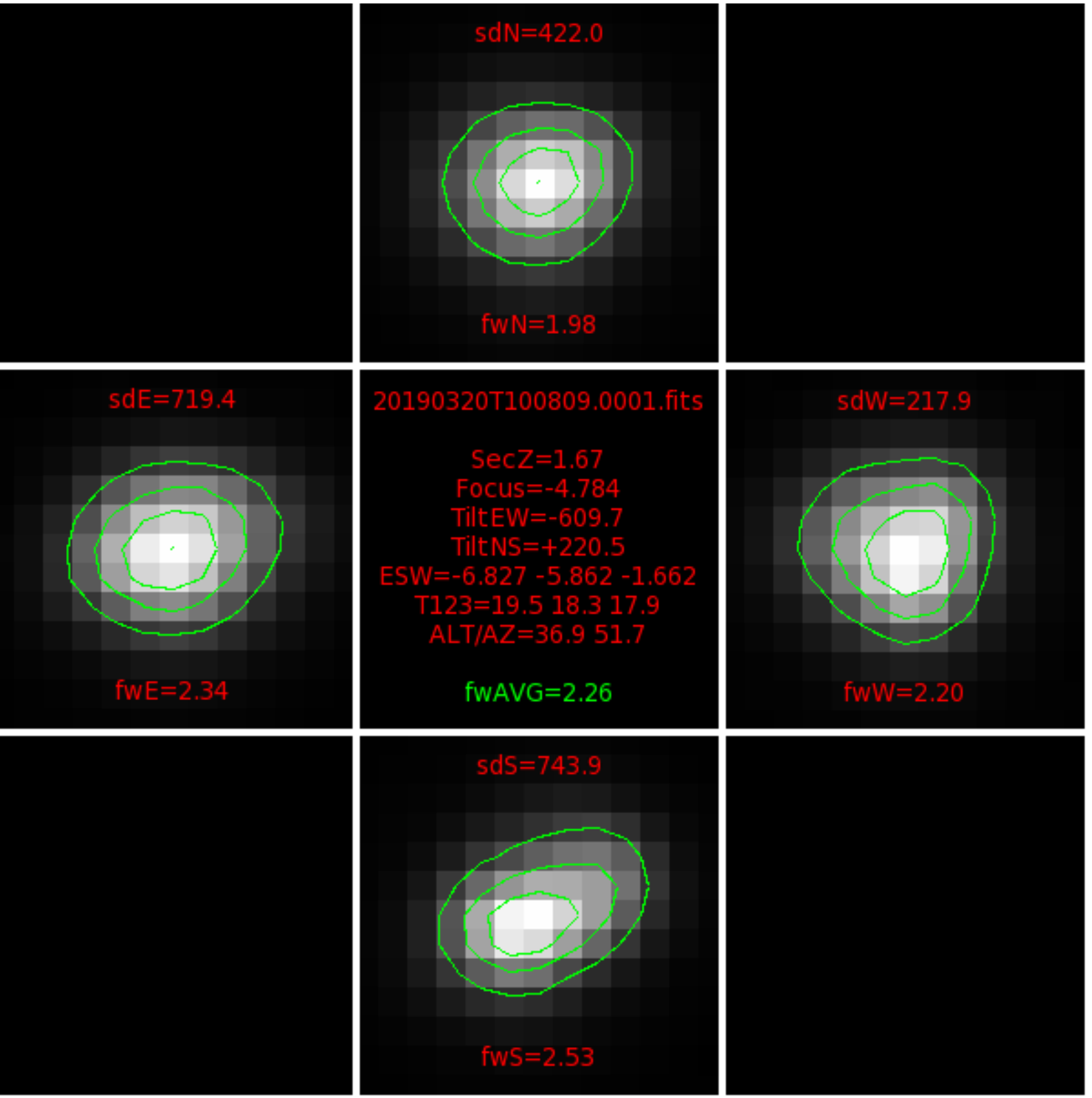
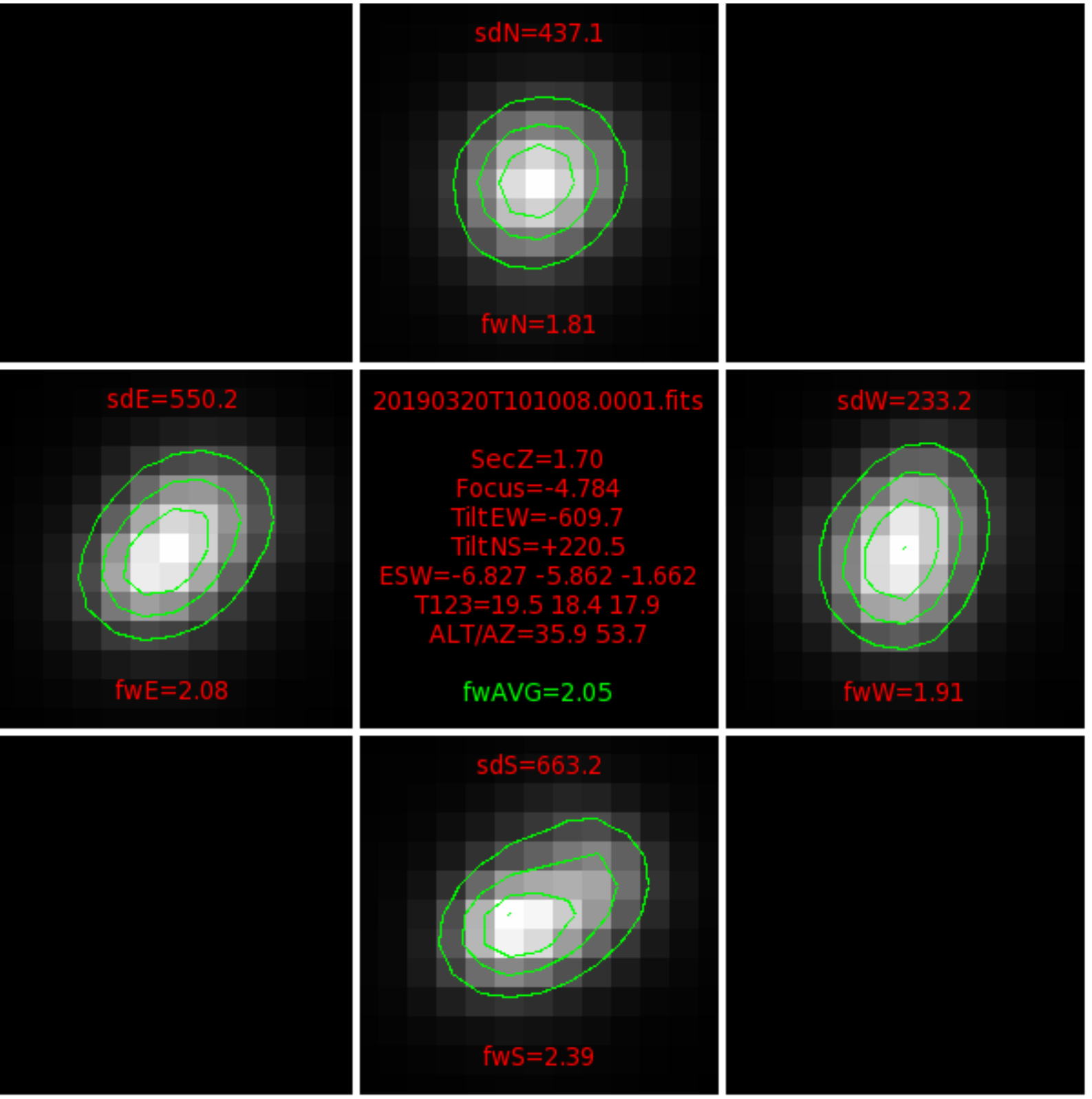

sdN=422.0
fwN=1.98
sdE=719.4
fwE=2.34
20190320T100809.0001.fits
SecZ=1.67
Focus=-4.784
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.827 -5.862 -1.662
T123=19.5 18.3 17.9
ALT/AZ=36.9 51.7
fwAVG=2.26
sdW=217.9
fwW=2.20
sdS=743.9
fwS=2.53
0 0 0 0 0 0 0 0 0


sdN=437.1
fwN=1.81
sdE=550.2
fwE=2.08
20190320T101008.0001.fits
SecZ=1.70
Focus=-4.784
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.827 -5.862 -1.662
T123=19.5 18.4 17.9
ALT/AZ=35.9 53.7
fwAVG=2.05
sdW=233.2
fwW=1.91
sdS=663.2
fwS=2.39
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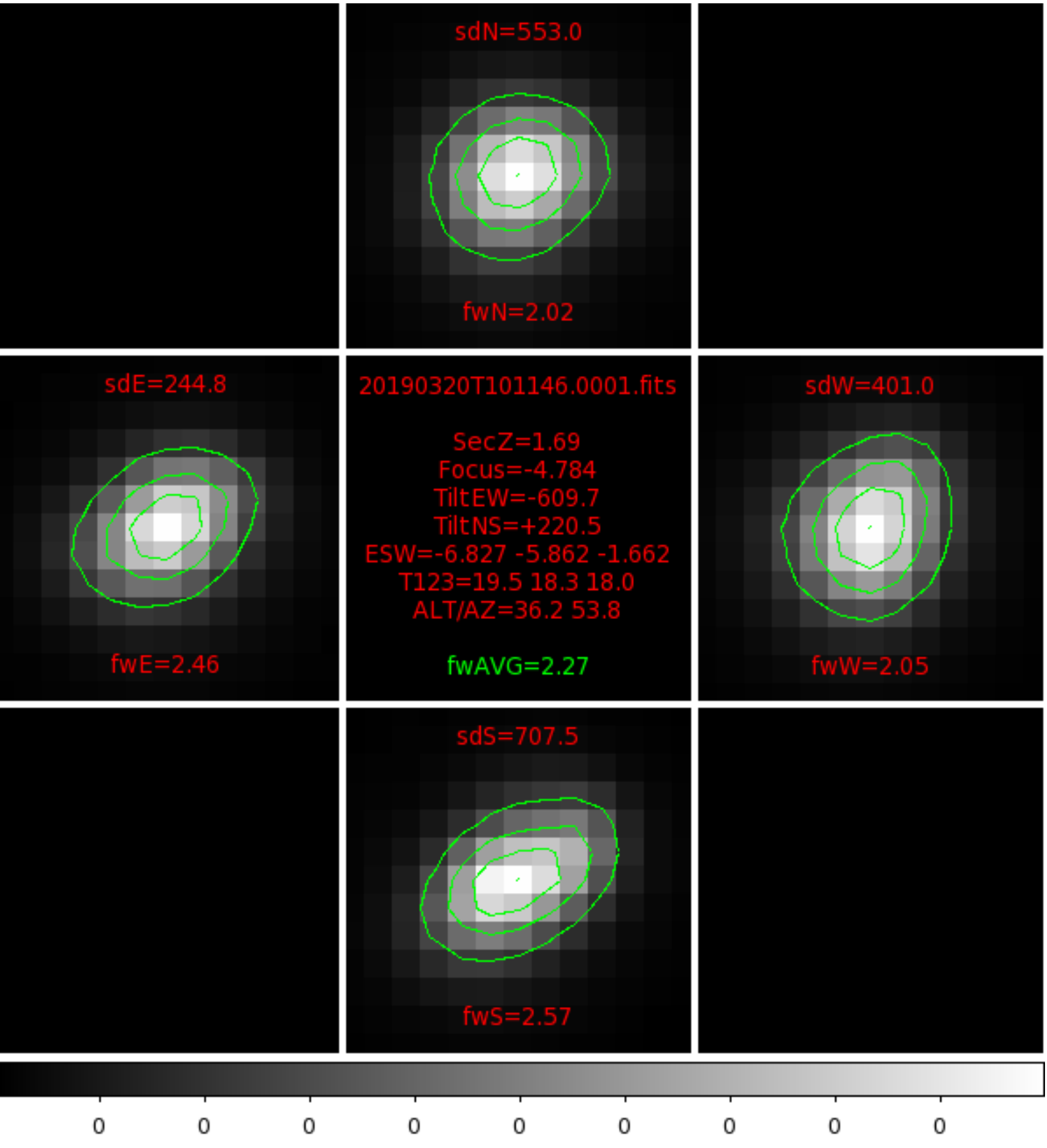
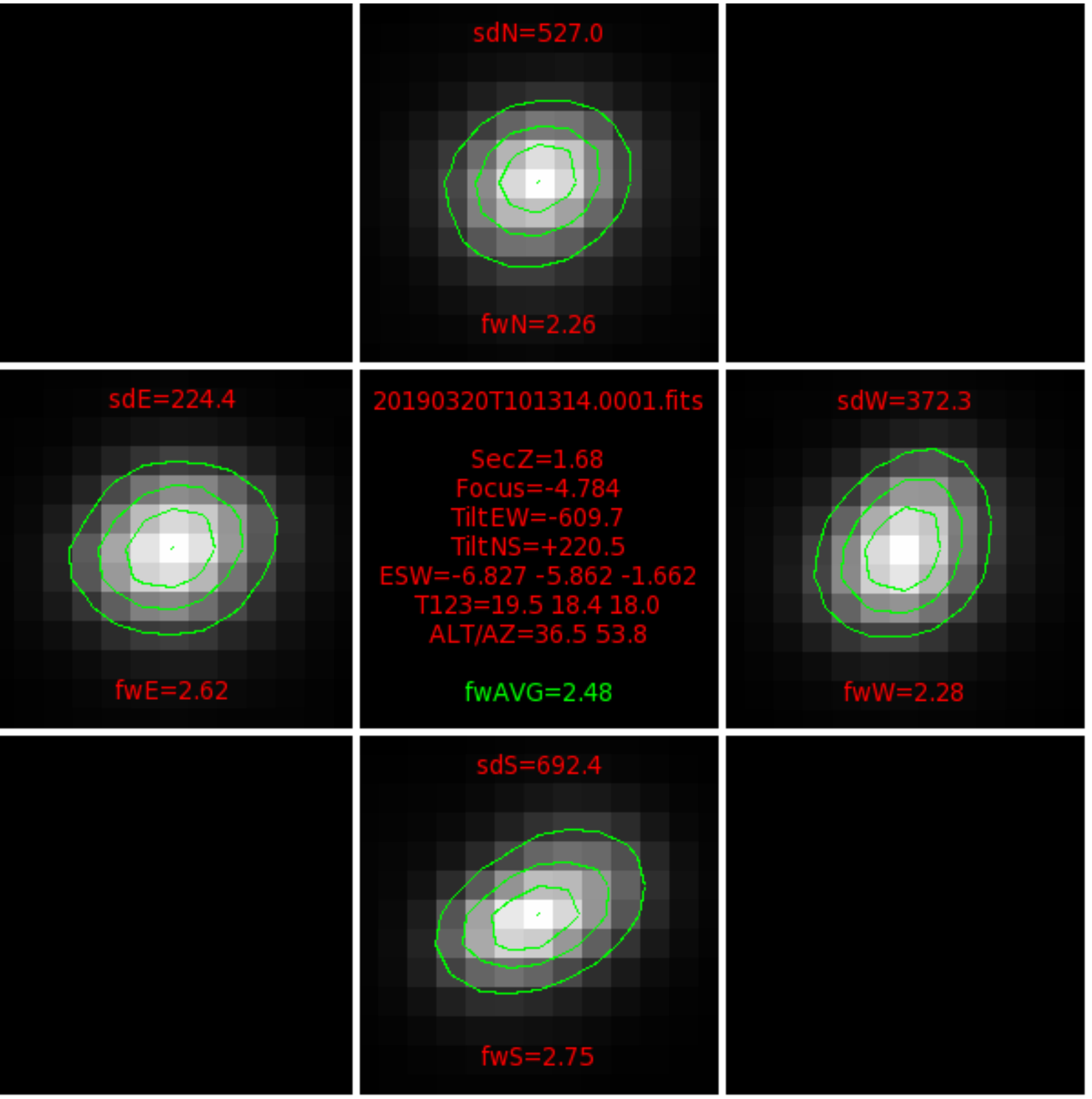

sdN=553.0
fwN=2.02
sdE=244.8
fwE=2.46
20190320T101146.0001.fits
SecZ=1.69
Focus=-4.784
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.827 -5.862 -1.662
T123=19.5 18.3 18.0
ALT/AZ=36.2 53.8
fwAVG=2.27
sdW=401.0
fwW=2.05
sdS=707.5
fwS=2.57
0 0 0 0 0 0 0 0 0


sdN=527.0
fwN=2.26
sdE=224.4
fwE=2.62
20190320T101314.0001.fits
SecZ=1.68
Focus=-4.784
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.827 -5.862 -1.662
T123=19.5 18.4 18.0
ALT/AZ=36.5 53.8
fwAVG=2.48
sdW=372.3
fwW=2.28
sdS=692.4
fwS=2.75
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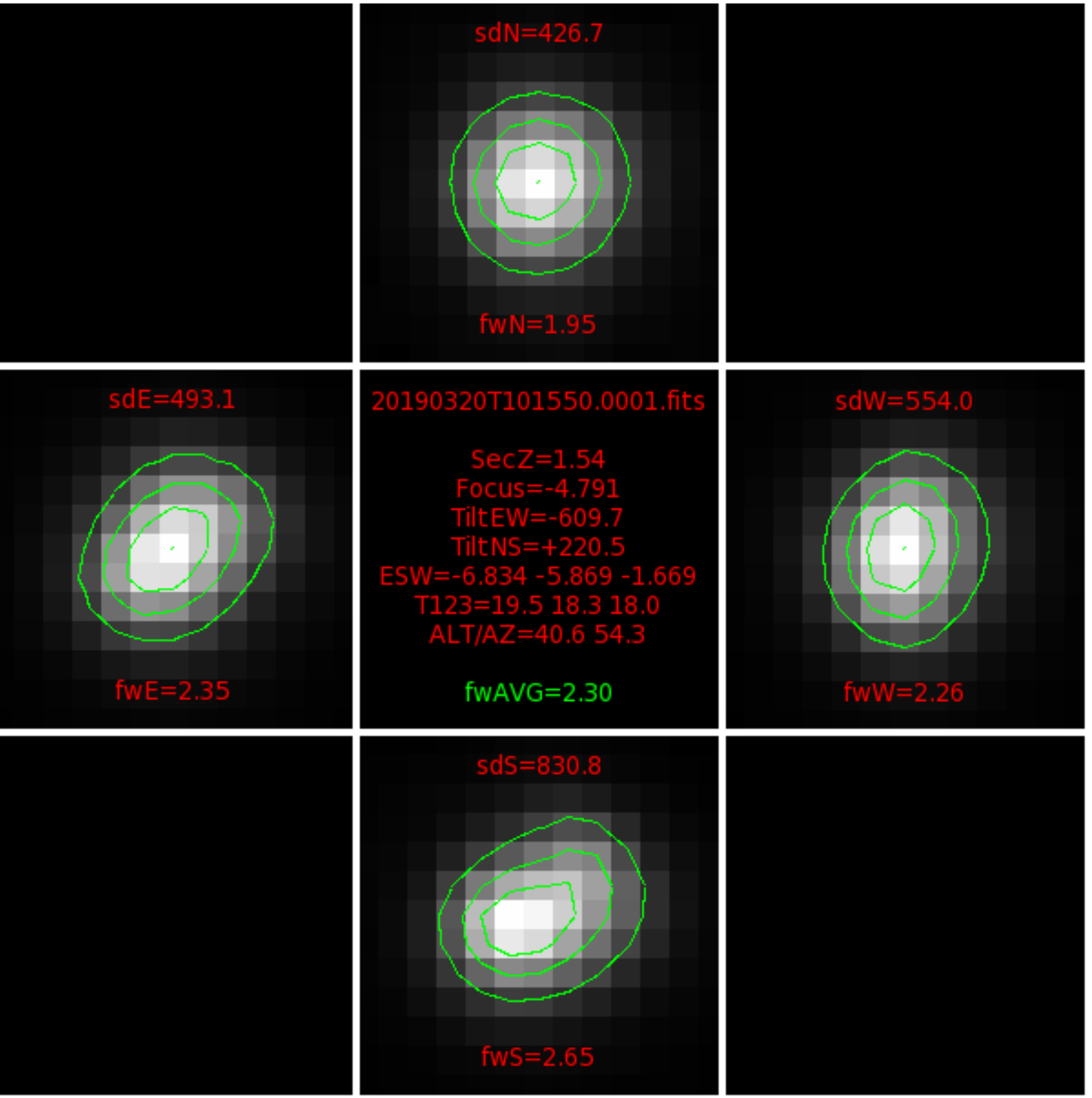
sdN=426.7
fwN=1.95
sdE=493.1
fwE=2.35
20190320T101550.0001.fits
SecZ=1.54
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=19.5 18.3 18.0
ALT/AZ=40.6 54.3
fwAVG=2.30
sdW=554.0
fwW=2.26
sdS=830.8
fwS=2.65
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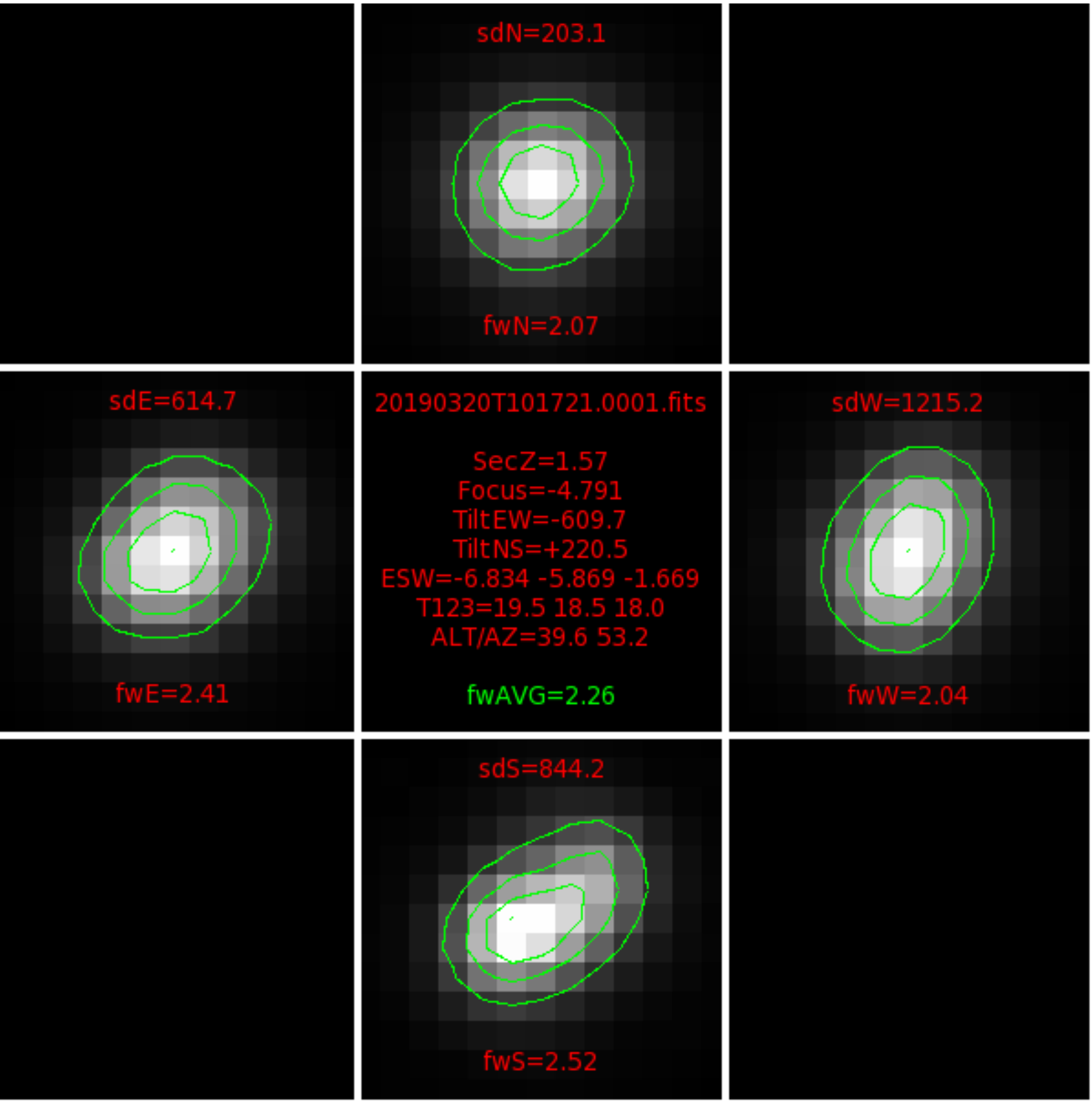
sdN=203.1
fwN=2.07
sdE=614.7
fwE=2.41
20190320T101721.0001.fits
SecZ=1.57
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=19.5 18.5 18.0
ALT/AZ=39.6 53.2
fwAVG=2.26
sdW=1215.2
fwW=2.04
sdS=844.2
fwS=2.52
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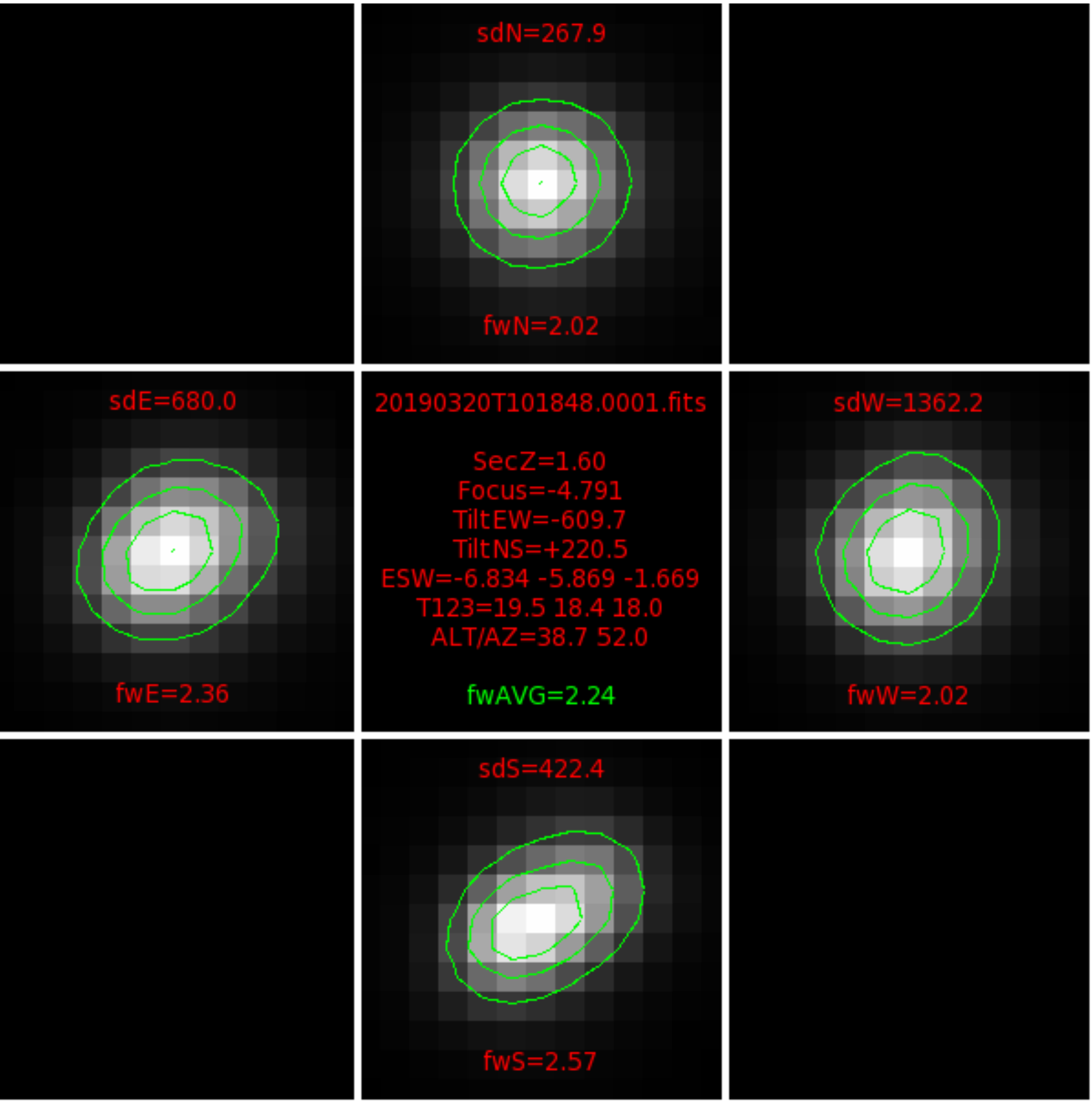
sdN=267.9
fwN=2.02
sdE=680.0
fwE=2.36
20190320T101848.0001.fits
SecZ=1.60
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=19.5 18.4 18.0
ALT/AZ=38.7 52.0
fwAVG=2.24
sdW=1362.2
fwW=2.02
sdS=422.4
fwS=2.57
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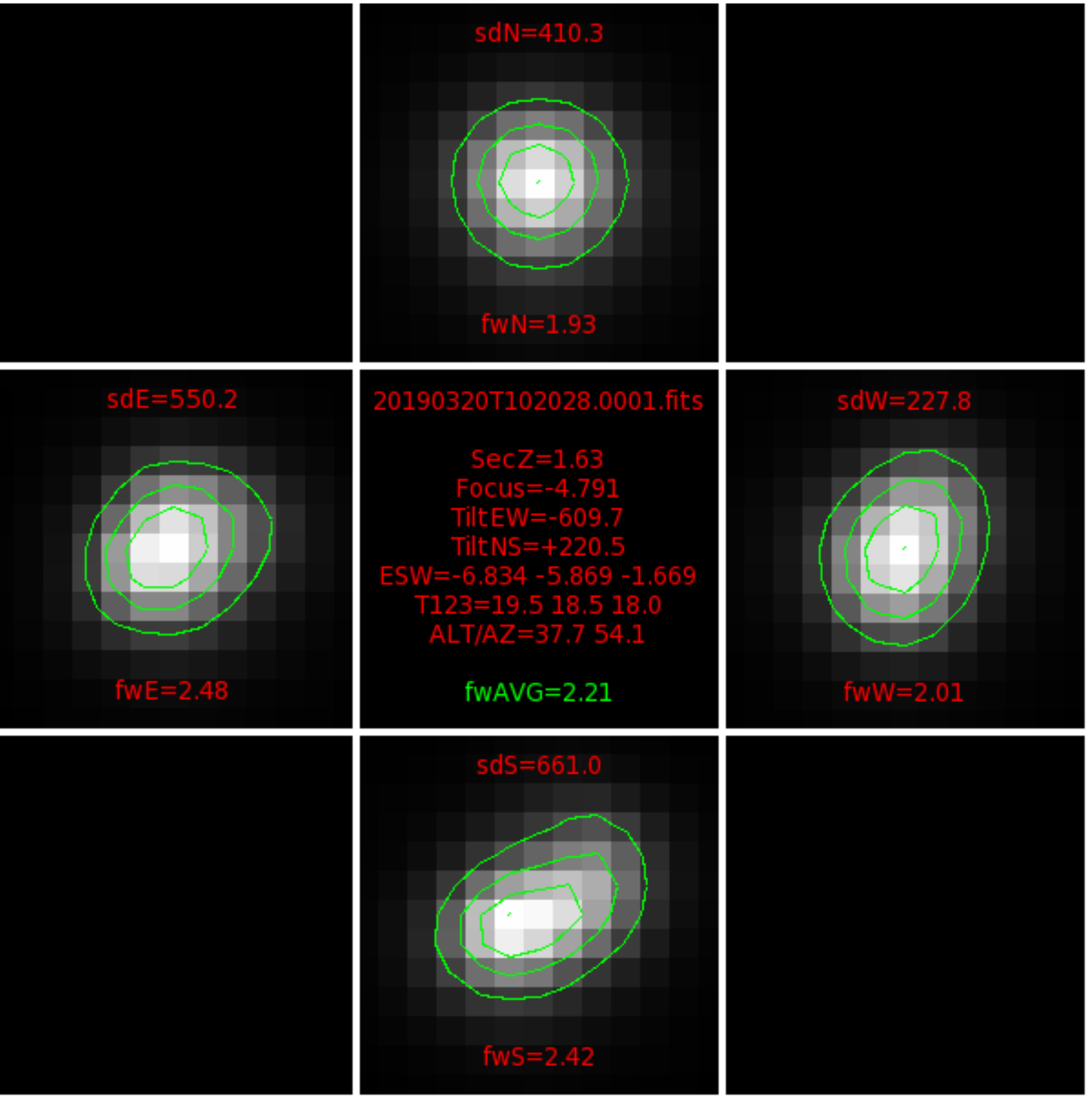
sdN=410.3
fwN=1.93
sdE=550.2
fwE=2.48
20190320T102028.0001.fits
SecZ=1.63
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=19.5 18.5 18.0
ALT/AZ=37.7 54.1
fwAVG=2.21
sdW=227.8
fwW=2.01
sdS=661.0
fwS=2.42
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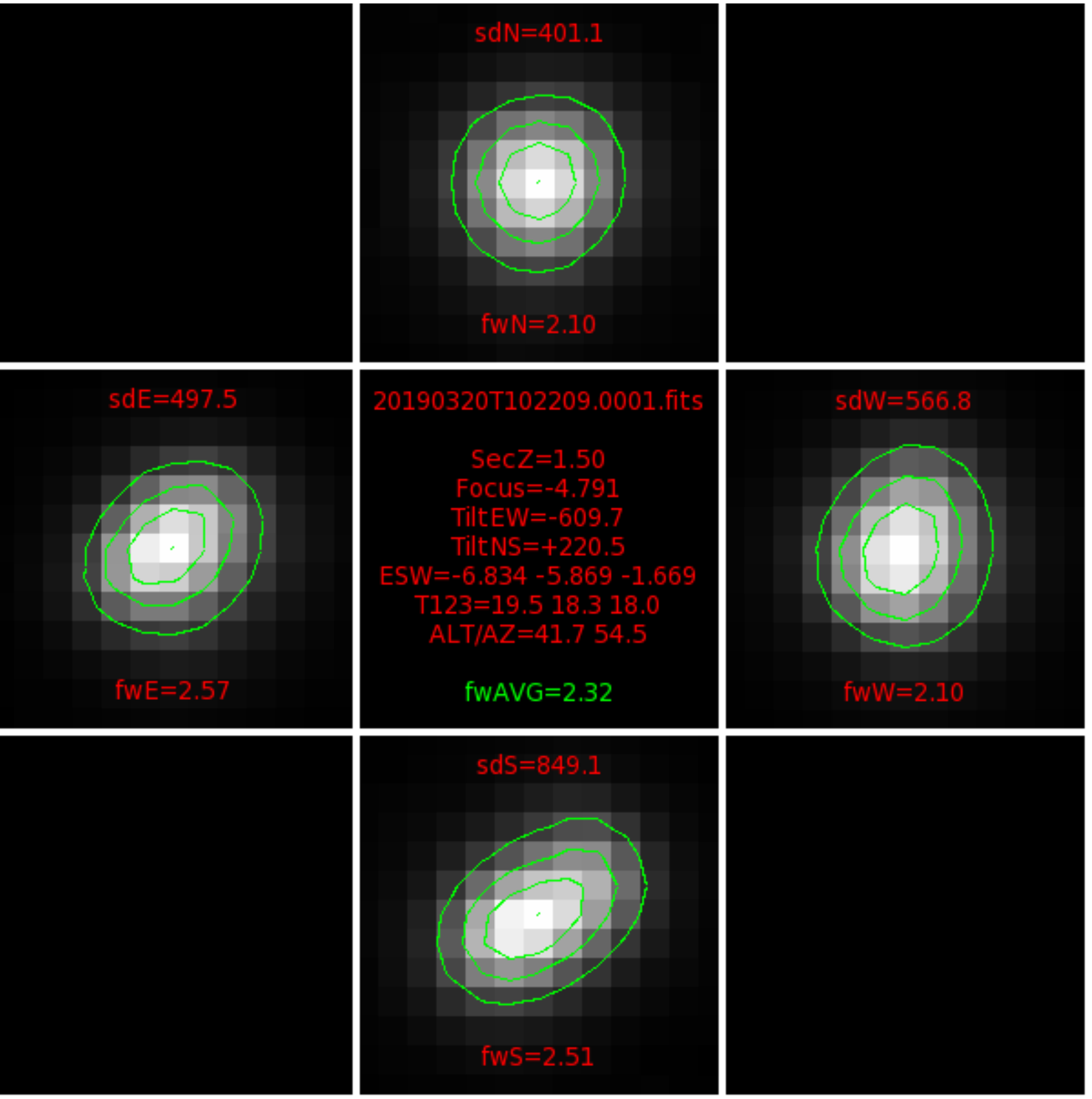
sdN=401.1
fwN=2.10
sdE=497.5
fwE=2.57
20190320T102209.0001.fits
SecZ=1.50
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=19.5 18.3 18.0
ALT/AZ=41.7 54.5
fwAVG=2.32
sdW=566.8
fwW=2.10
sdS=849.1
fwS=2.51
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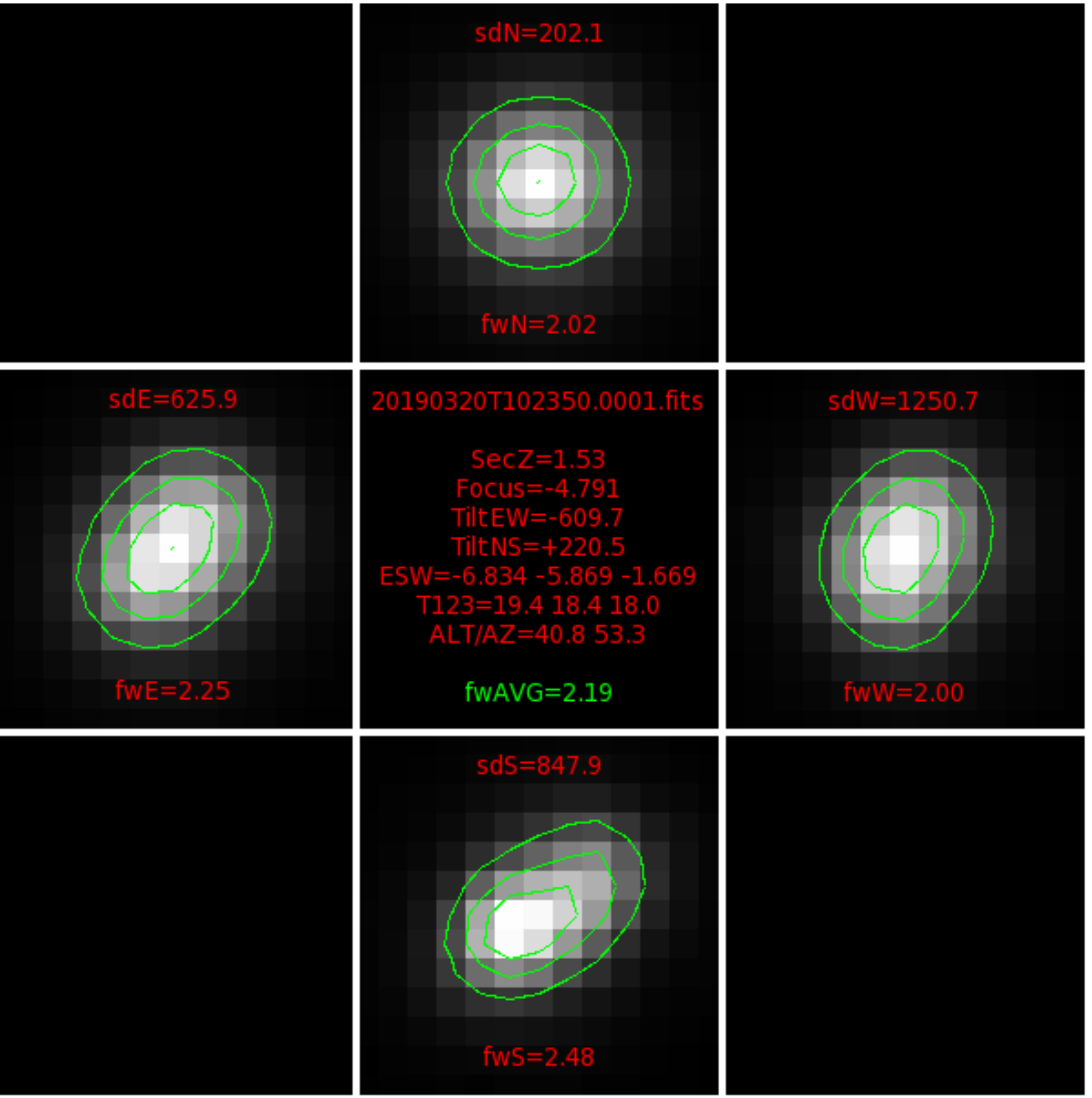
sdN=202.1
fwN=2.02
sdE=625.9
fwE=2.25
20190320T102350.0001.fits
SecZ=1.53
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=19.4 18.4 18.0
ALT/AZ=40.8 53.3
fwAVG=2.19
sdW=1250.7
fwW=2.00
sdS=847.9
fwS=2.48
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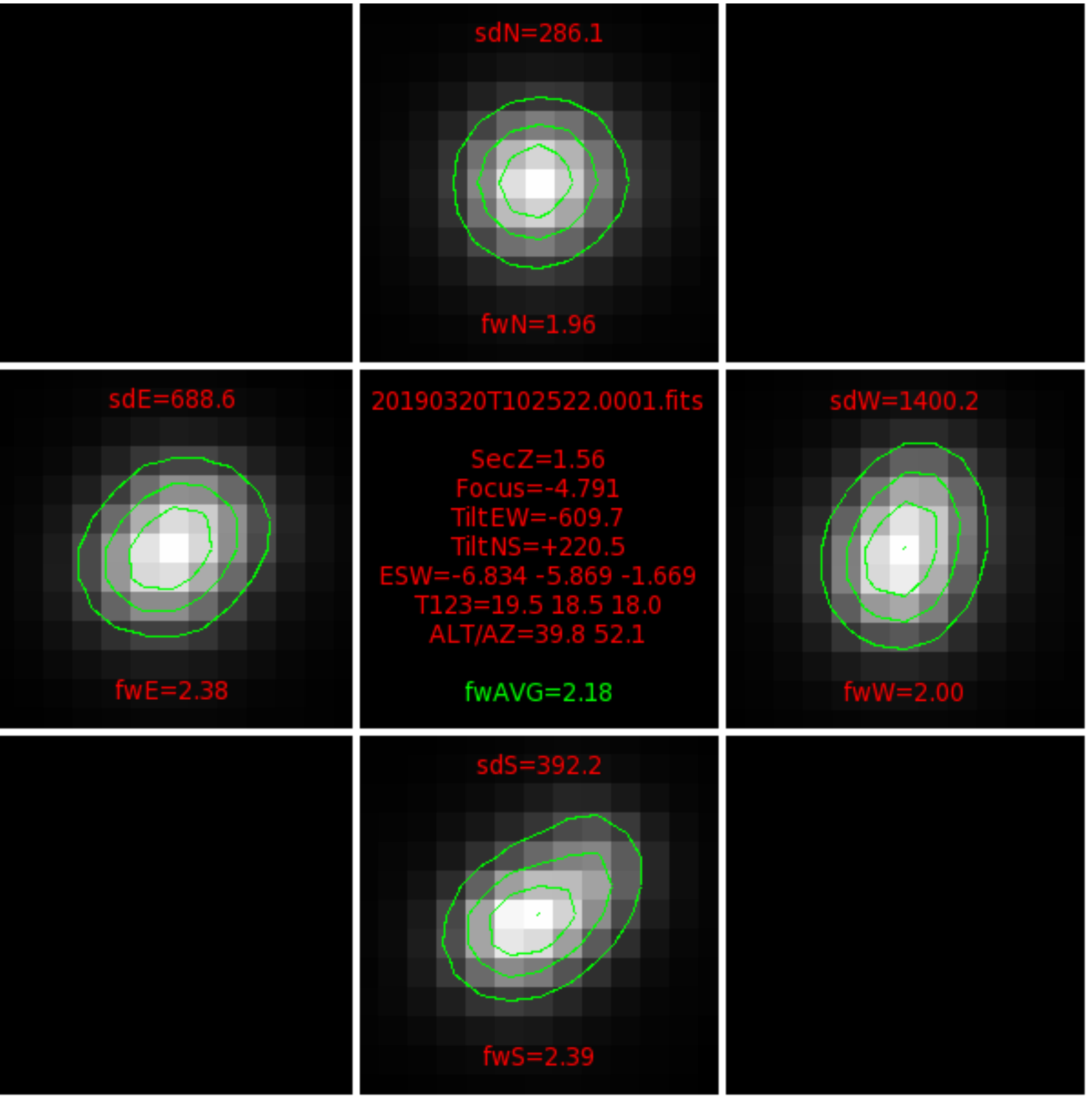
sdN=286.1
fwN=1.96
sdE=688.6
fwE=2.38
20190320T102522.0001.fits
SecZ=1.56
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=19.5 18.5 18.0
ALT/AZ=39.8 52.1
fwAVG=2.18
sdW=1400.2
fwW=2.00
sdS=392.2
fwS=2.39
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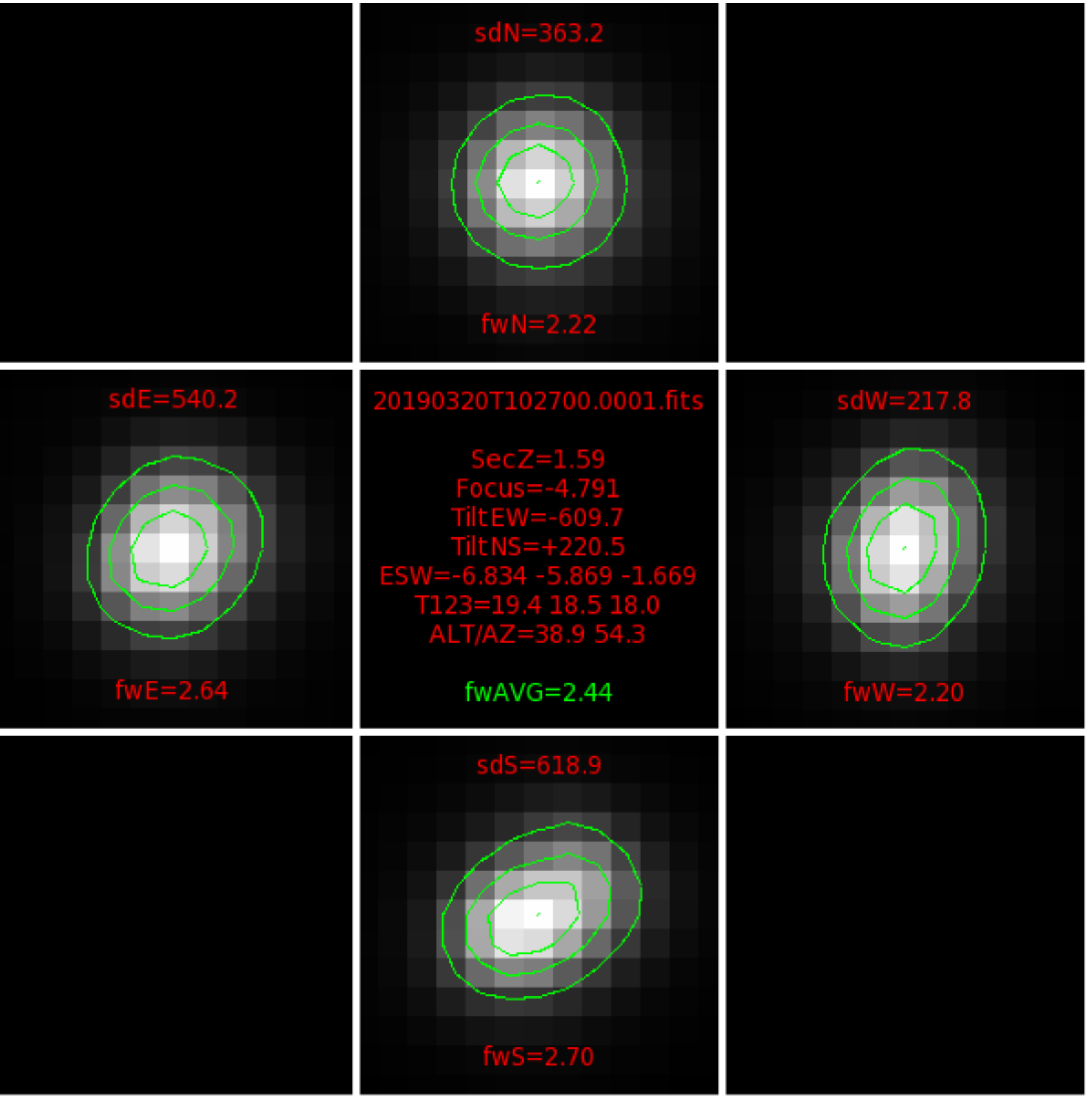
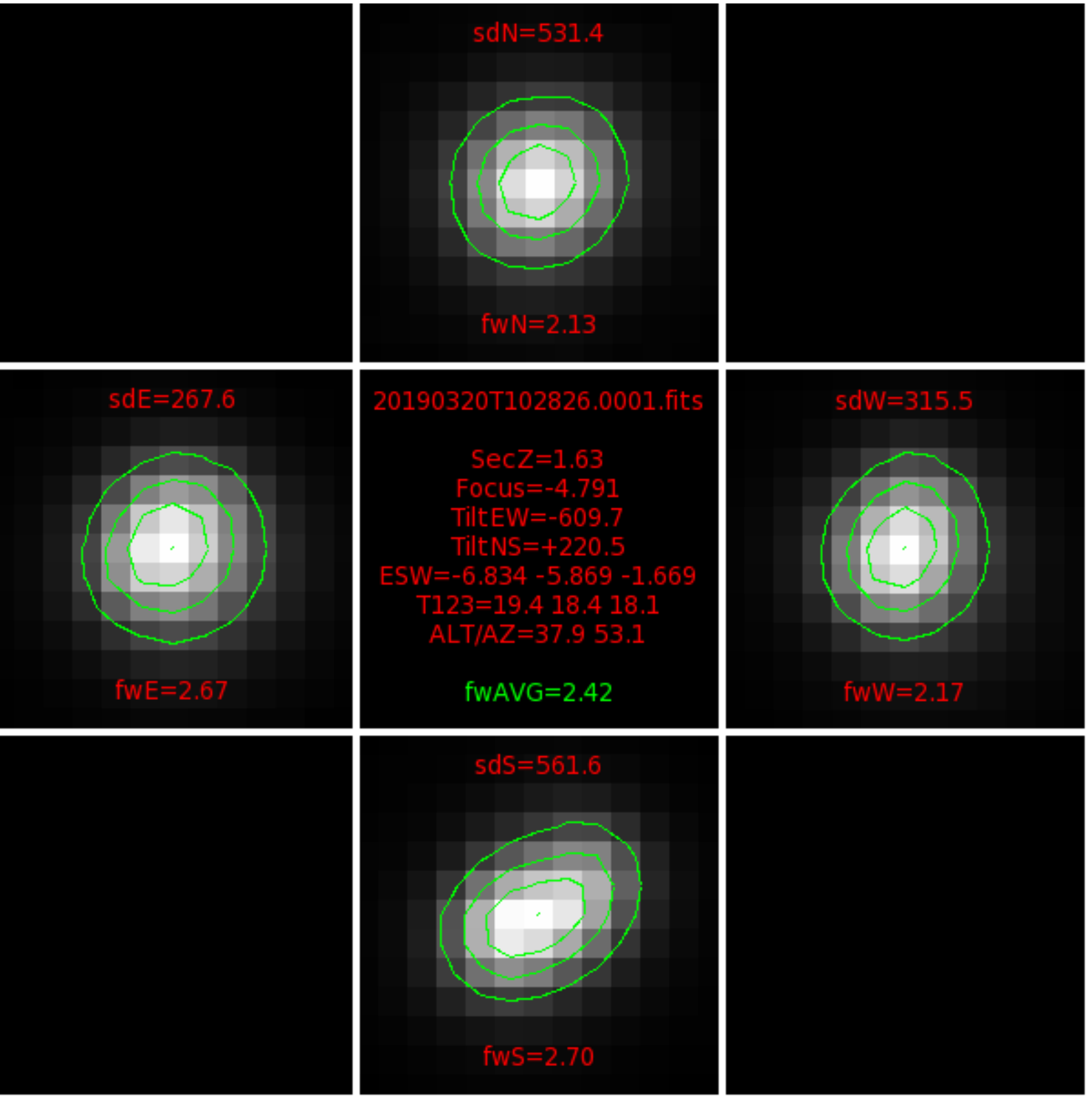

sdN=363.2
fwN=2.22
sdE=540.2
fwE=2.64
20190320T102700.0001.fits
SecZ=1.59
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=19.4 18.5 18.0
ALT/AZ=38.9 54.3
fwAVG=2.44
sdW=217.8
fwW=2.20
sdS=618.9
fwS=2.70
0 0 0 0 0 0 0 0 0


sdN=531.4
fwN=2.13
sdE=267.6
fwE=2.67
20190320T102826.0001.fits
SecZ=1.63
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=19.4 18.4 18.1
ALT/AZ=37.9 53.1
fwAVG=2.42
sdW=315.5
fwW=2.17
sdS=561.6
fwS=2.70
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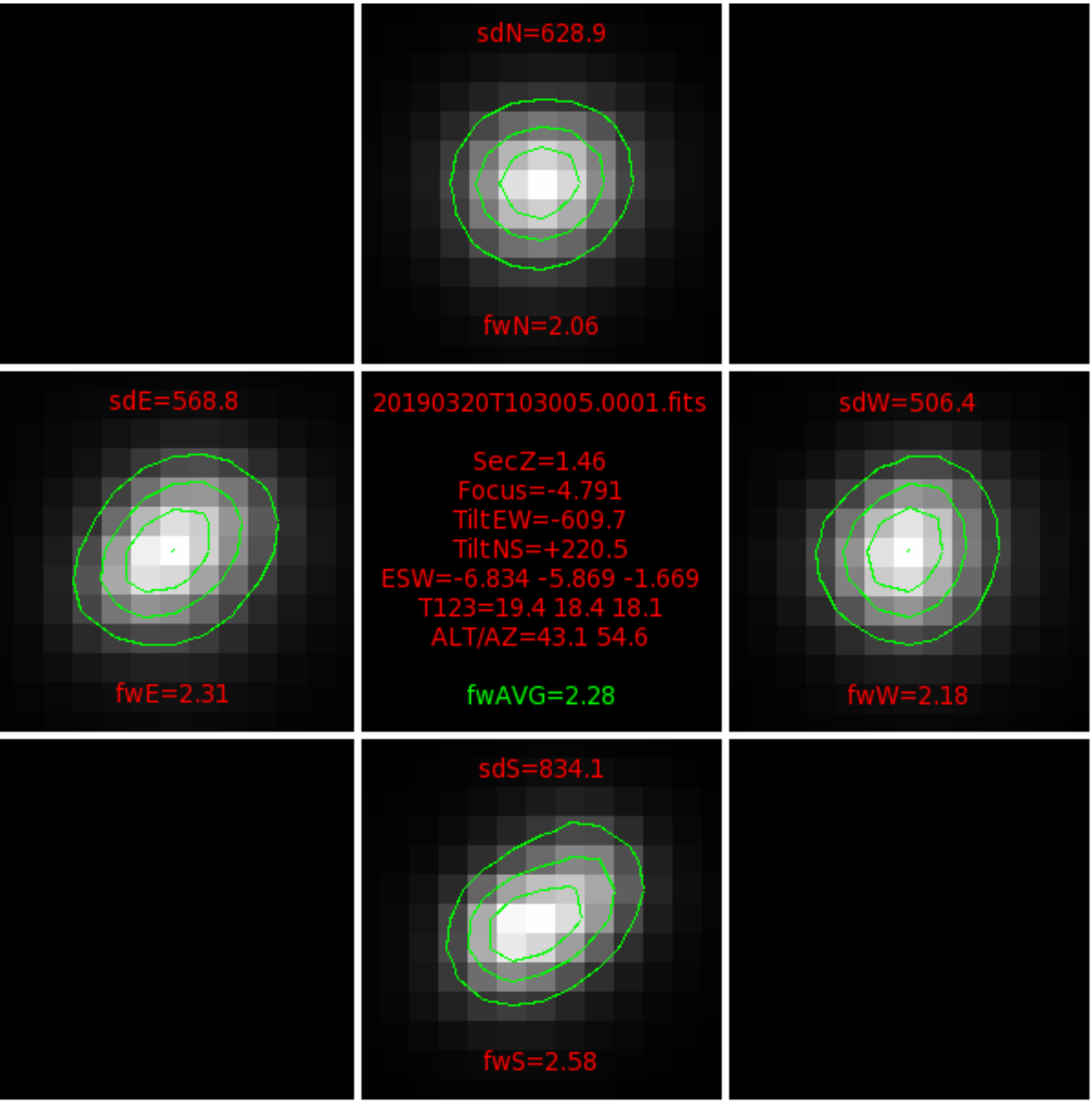
sdN=628.9
fwN=2.06
sdE=568.8
fwE=2.31
20190320T103005.0001.fits
SecZ=1.46
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=19.4 18.4 18.1
ALT/AZ=43.1 54.6
fwAVG=2.28
sdW=506.4
fwW=2.18
sdS=834.1
fwS=2.58
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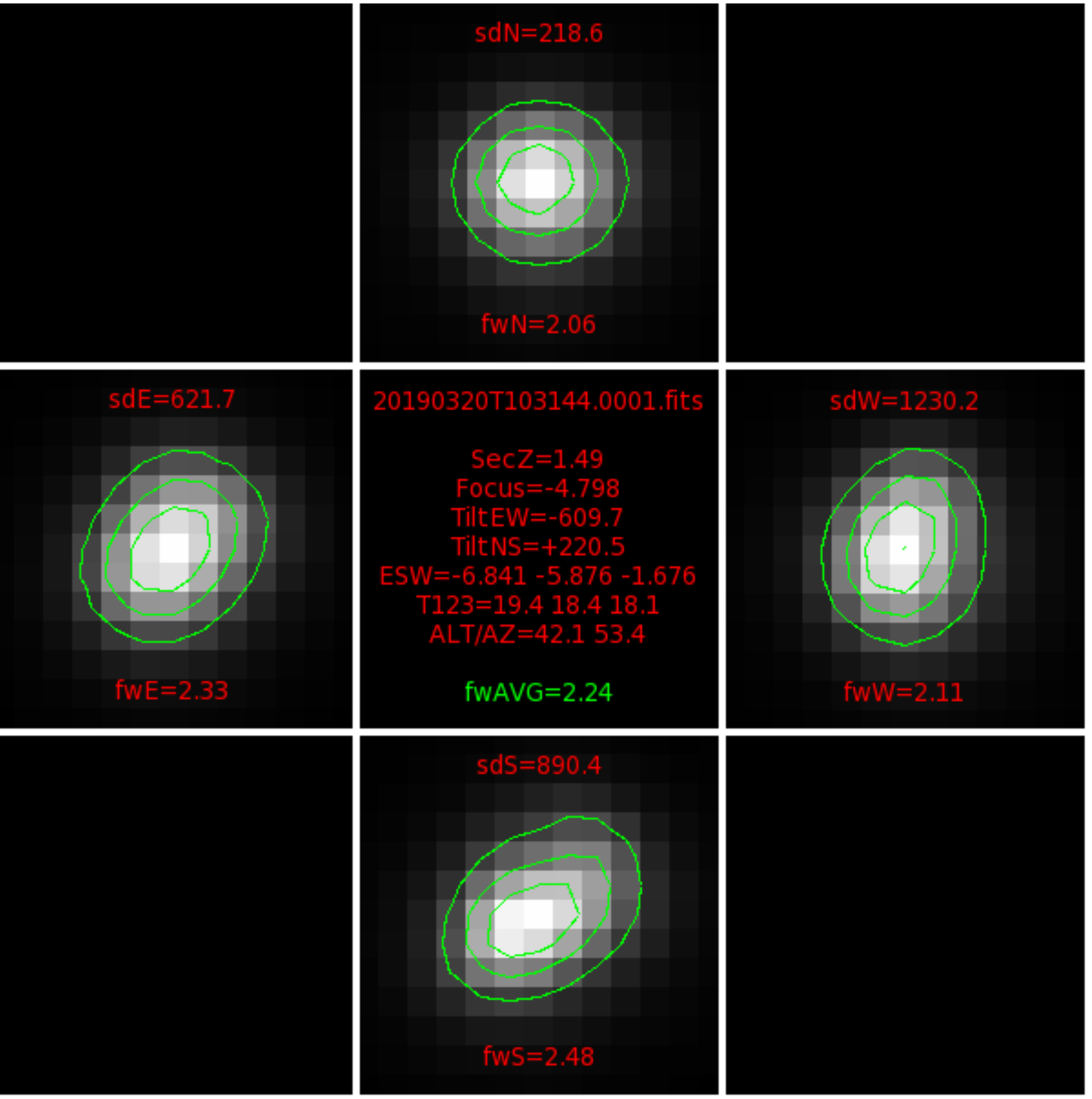
sdN=218.6
fwN=2.06
sdE=621.7
fwE=2.33
20190320T103144.0001.fits
SecZ=1.49
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=19.4 18.4 18.1
ALT/AZ=42.1 53.4
fwAVG=2.24
sdW=1230.2
fwW=2.11
sdS=890.4
fwS=2.48
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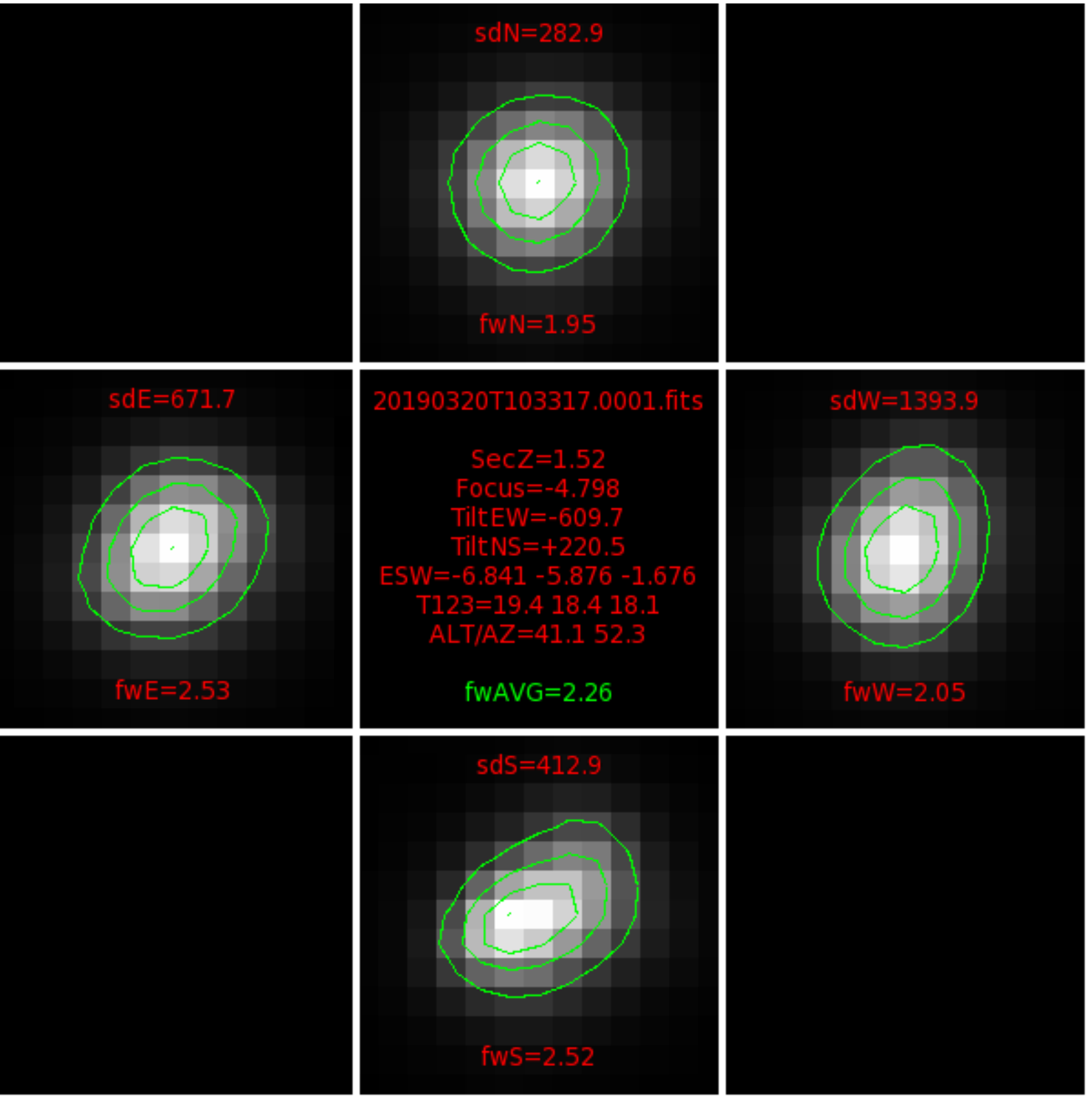
sdN=282.9
fwN=1.95
sdE=671.7
fwE=2.53
20190320T103317.0001.fits
SecZ=1.52
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=19.4 18.4 18.1
ALT/AZ=41.1 52.3
fwAVG=2.26
sdW=1393.9
fwW=2.05
sdS=412.9
fwS=2.52
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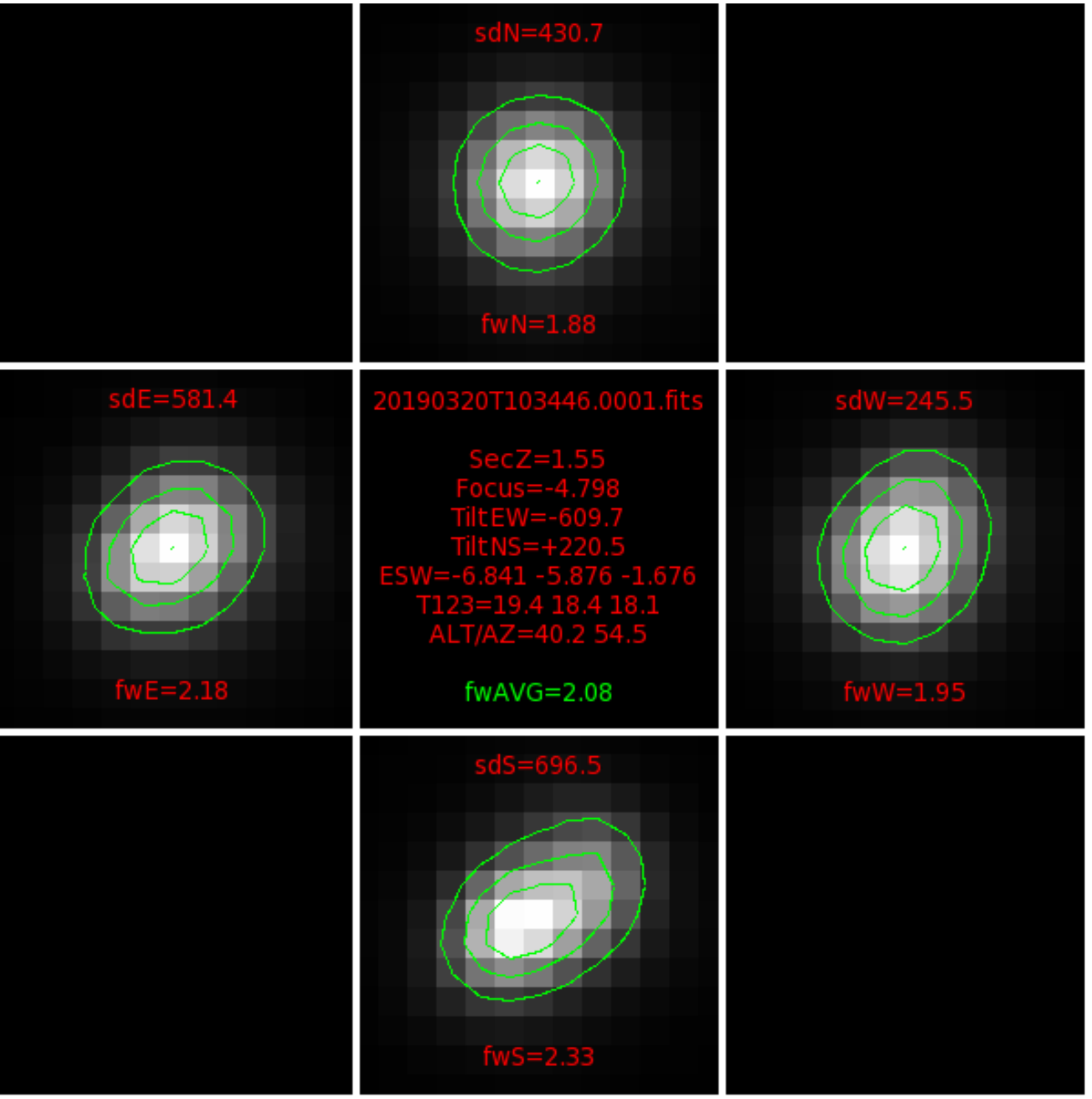
sdN=430.7
fwN=1.88
sdE=581.4
fwE=2.18
20190320T103446.0001.fits
SecZ=1.55
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=19.4 18.4 18.1
ALT/AZ=40.2 54.5
fwAVG=2.08
sdW=245.5
fwW=1.95
sdS=696.5
fwS=2.33
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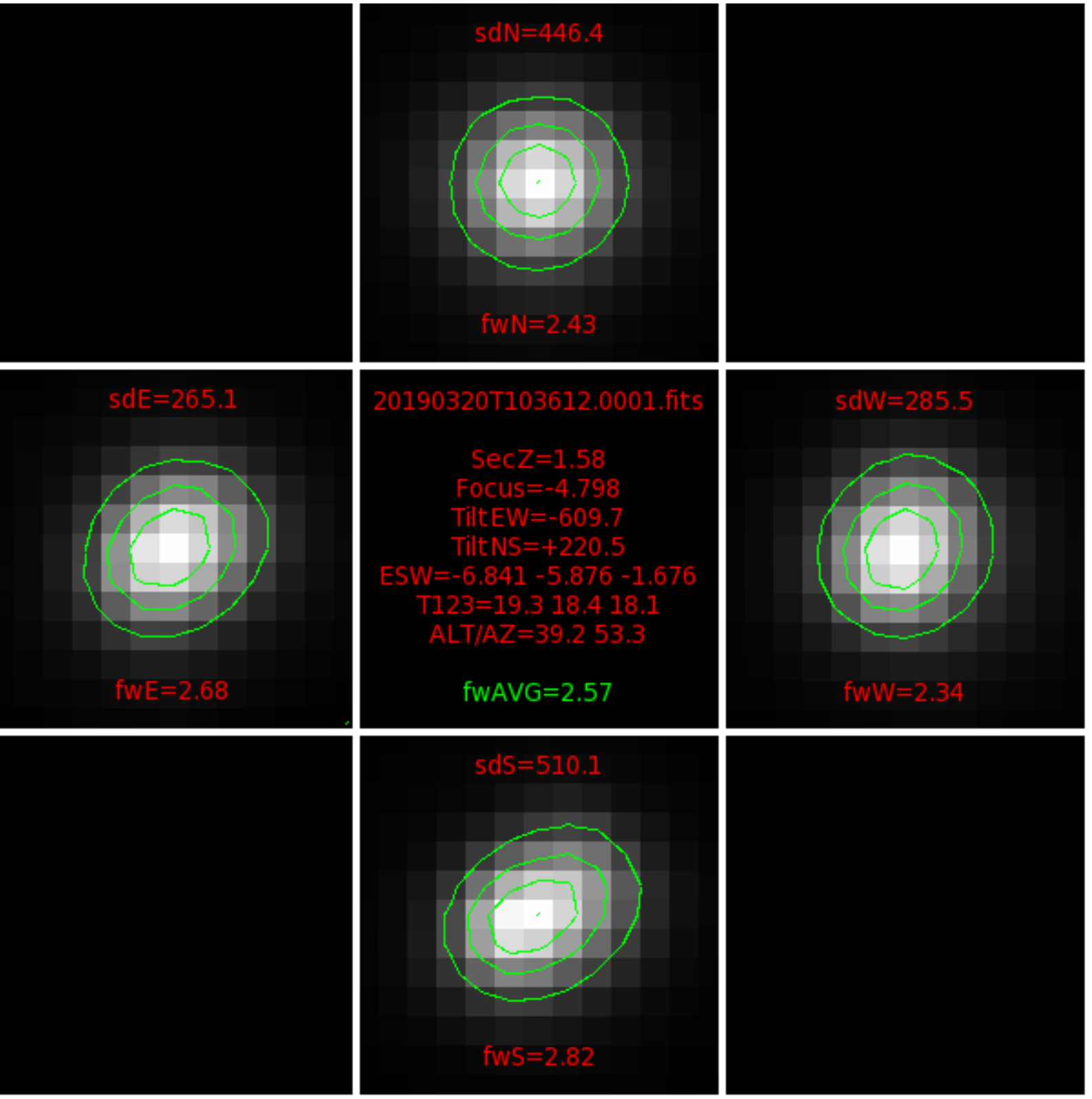
sdN=446.4
fwN=2.43
sdE=265.1
fwE=2.68
20190320T103612.0001.fits
SecZ=1.58
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=19.3 18.4 18.1
ALT/AZ=39.2 53.3
fwAVG=2.57
sdW=285.5
fwW=2.34
sdS=510.1
fwS=2.82
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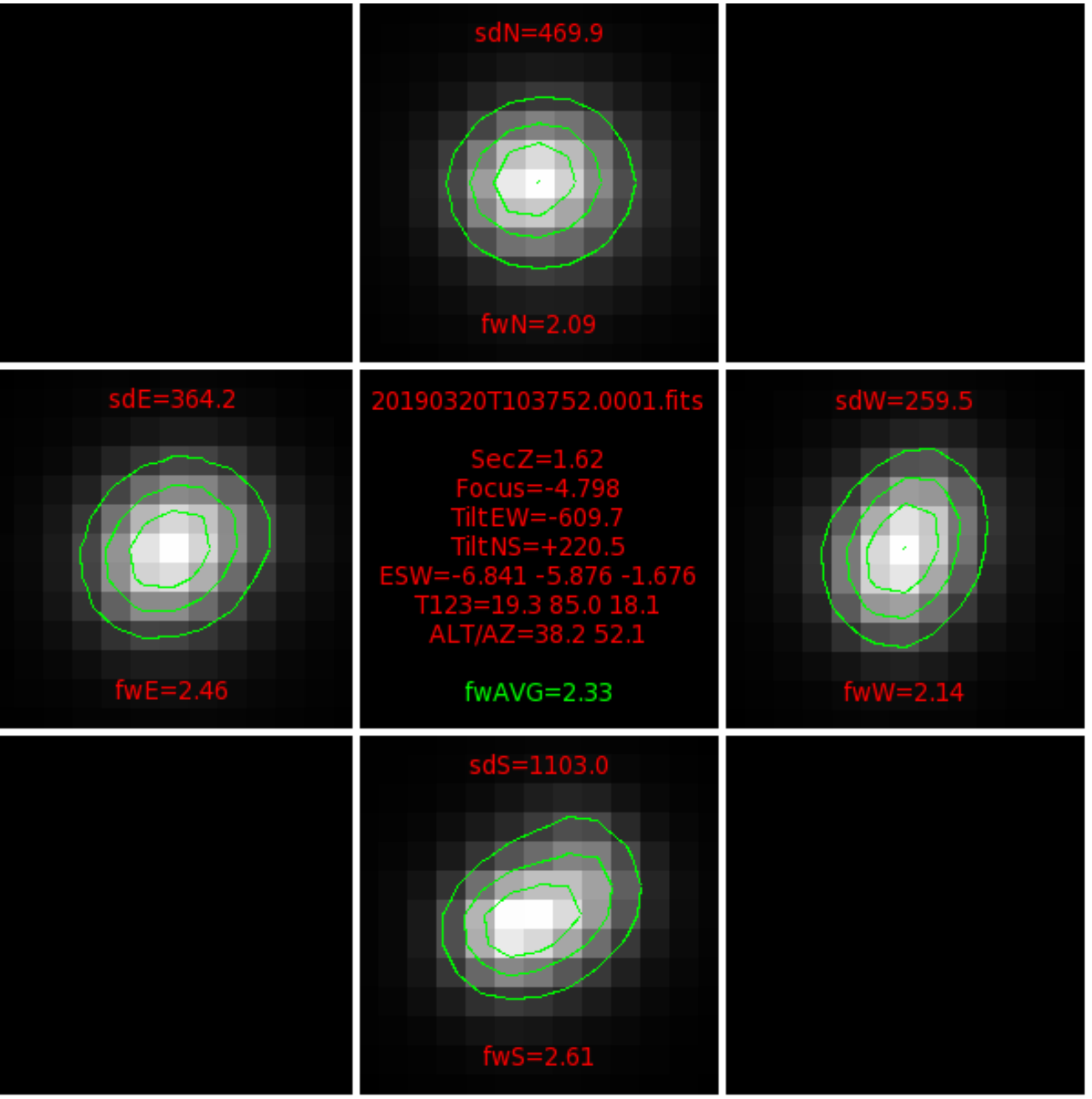
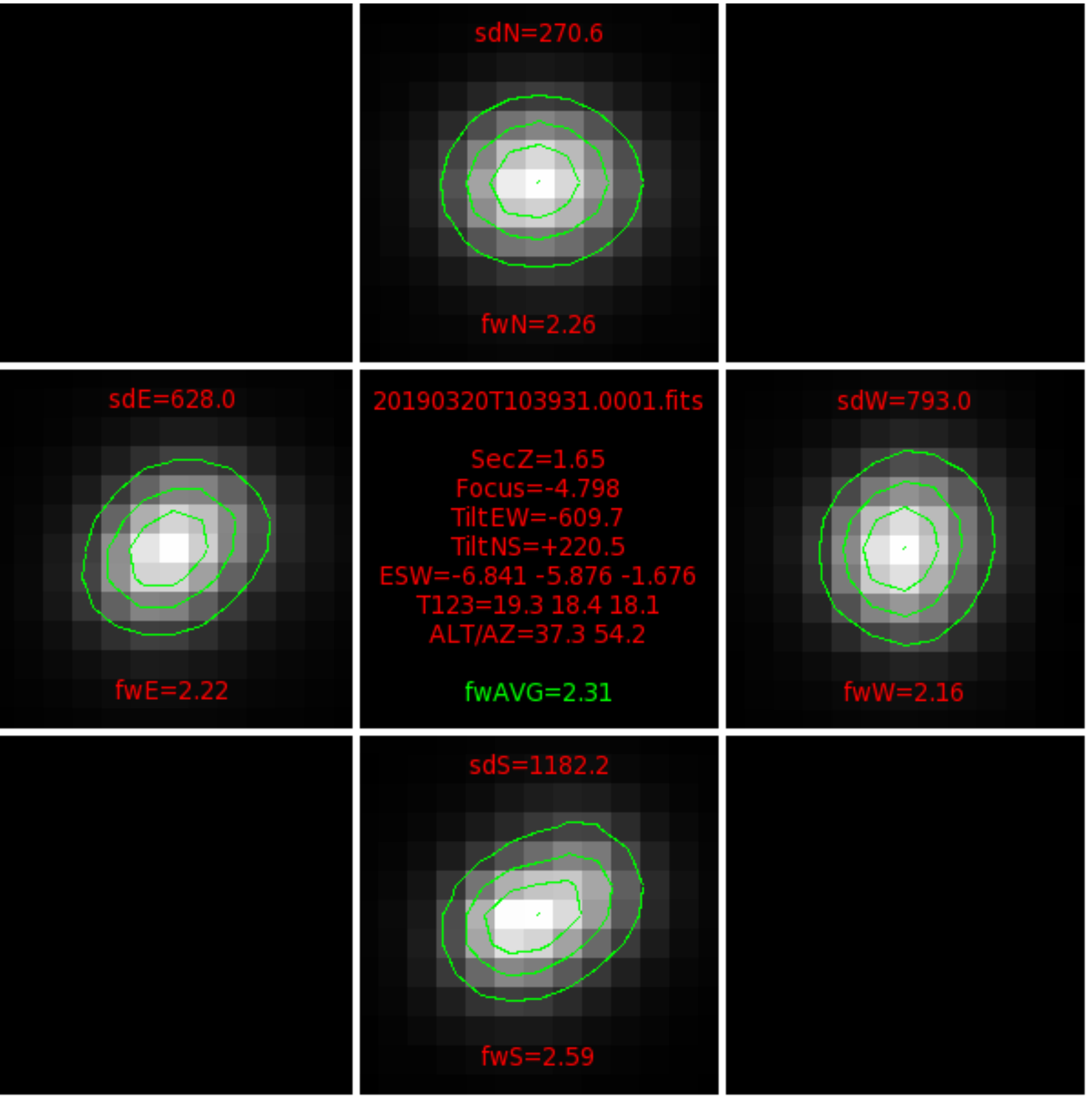

sdN=469.9
fwN=2.09
sdE=364.2
fwE=2.46
20190320T103752.0001.fits
SecZ=1.62
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=19.3 85.0 18.1
ALT/AZ=38.2 52.1
fwAVG=2.33
sdW=259.5
fwW=2.14
sdS=1103.0
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=270.6
fwN=2.26
sdE=628.0
fwE=2.22
20190320T103931.0001.fits
SecZ=1.65
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=19.3 18.4 18.1
ALT/AZ=37.3 54.2
fwAVG=2.31
sdW=793.0
fwW=2.16
sdS=1182.2
fwS=2.59
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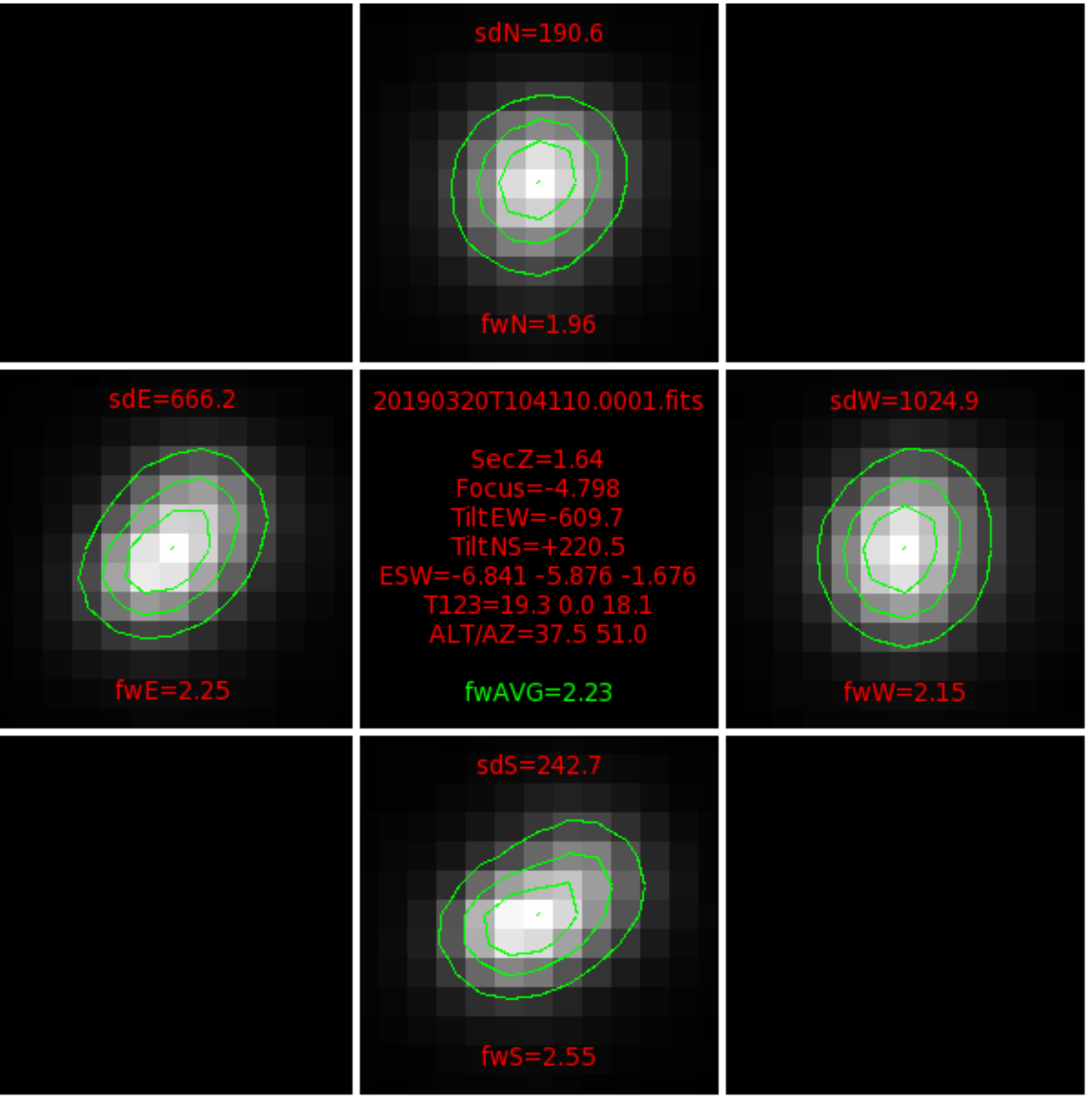
sdN=190.6
fwN=1.96
sdE=666.2
fwE=2.25
20190320T104110.0001.fits
SecZ=1.64
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=19.3 0.0 18.1
ALT/AZ=37.5 51.0
fwAVG=2.23
sdW=1024.9
fwW=2.15
sdS=242.7
fwS=2.55
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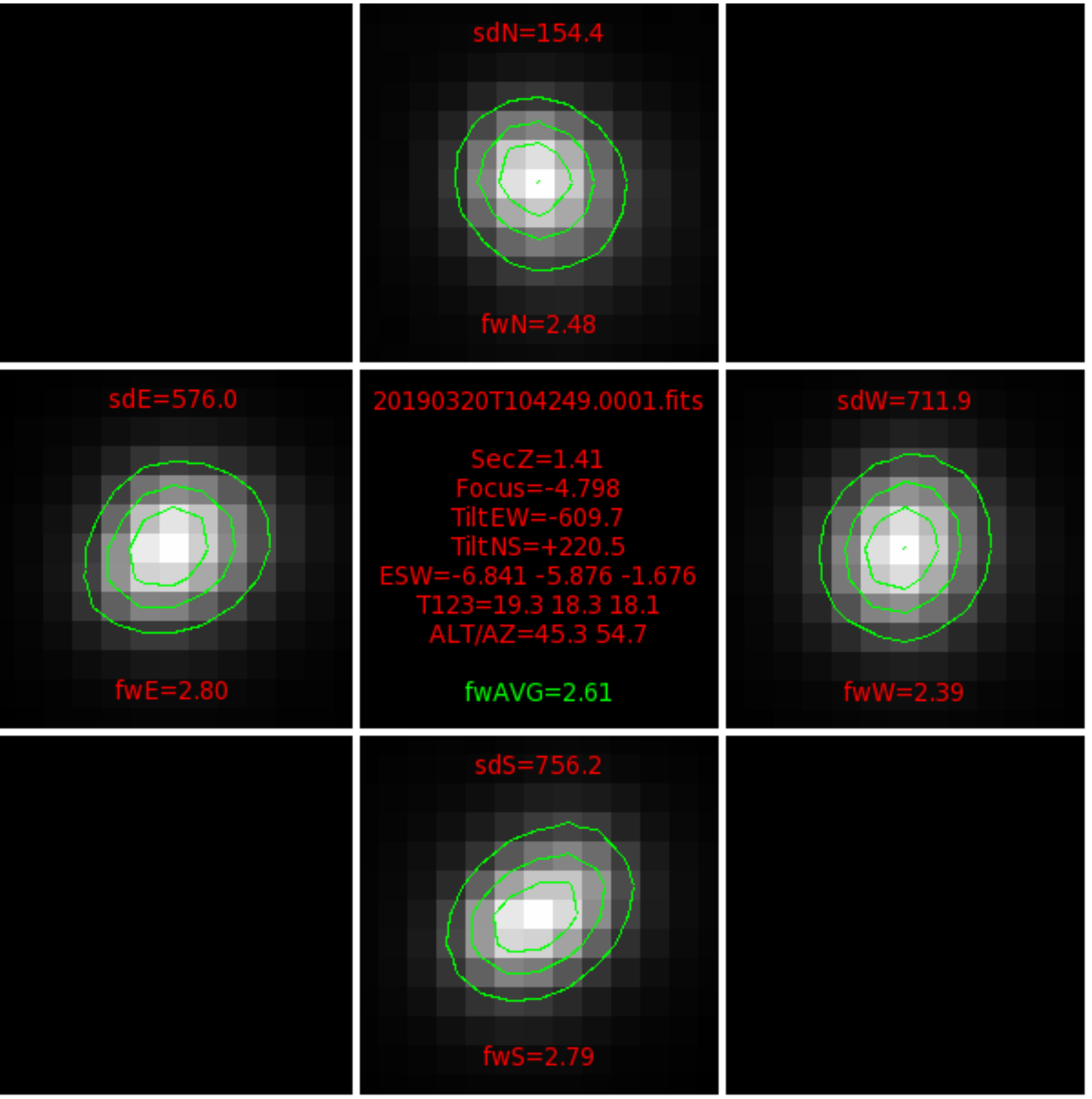
sdN=154.4
fwN=2.48
sdE=576.0
fwE=2.80
20190320T104249.0001.fits
SecZ=1.41
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=19.3 18.3 18.1
ALT/AZ=45.3 54.7
fwAVG=2.61
sdW=711.9
fwW=2.39
sdS=756.2
fwS=2.79
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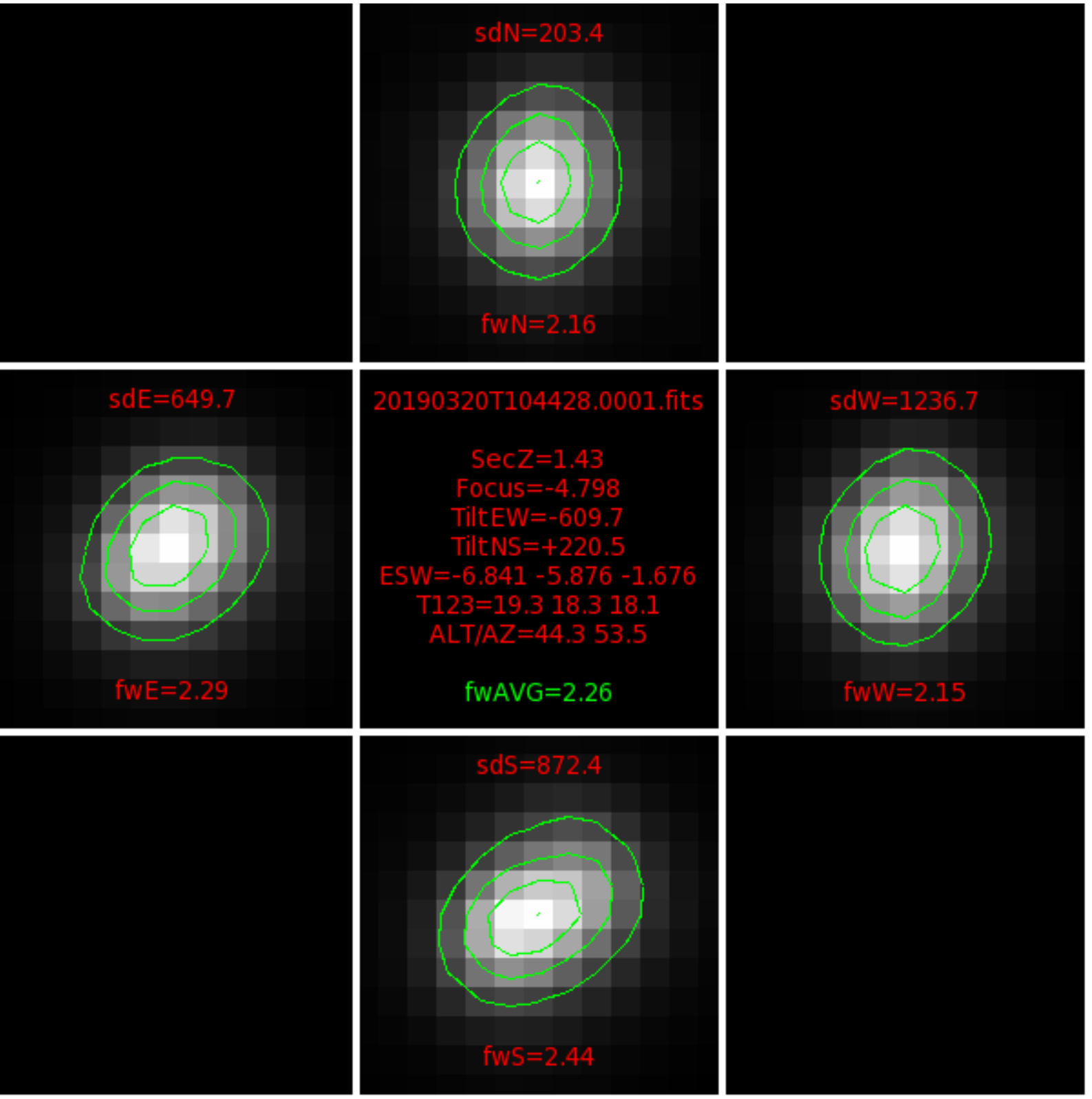
sdN=203.4
fwN=2.16
sdE=649.7
fwE=2.29
20190320T104428.0001.fits
SecZ=1.43
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=19.3 18.3 18.1
ALT/AZ=44.3 53.5
fwAVG=2.26
sdW=1236.7
fwW=2.15
sdS=872.4
fwS=2.44
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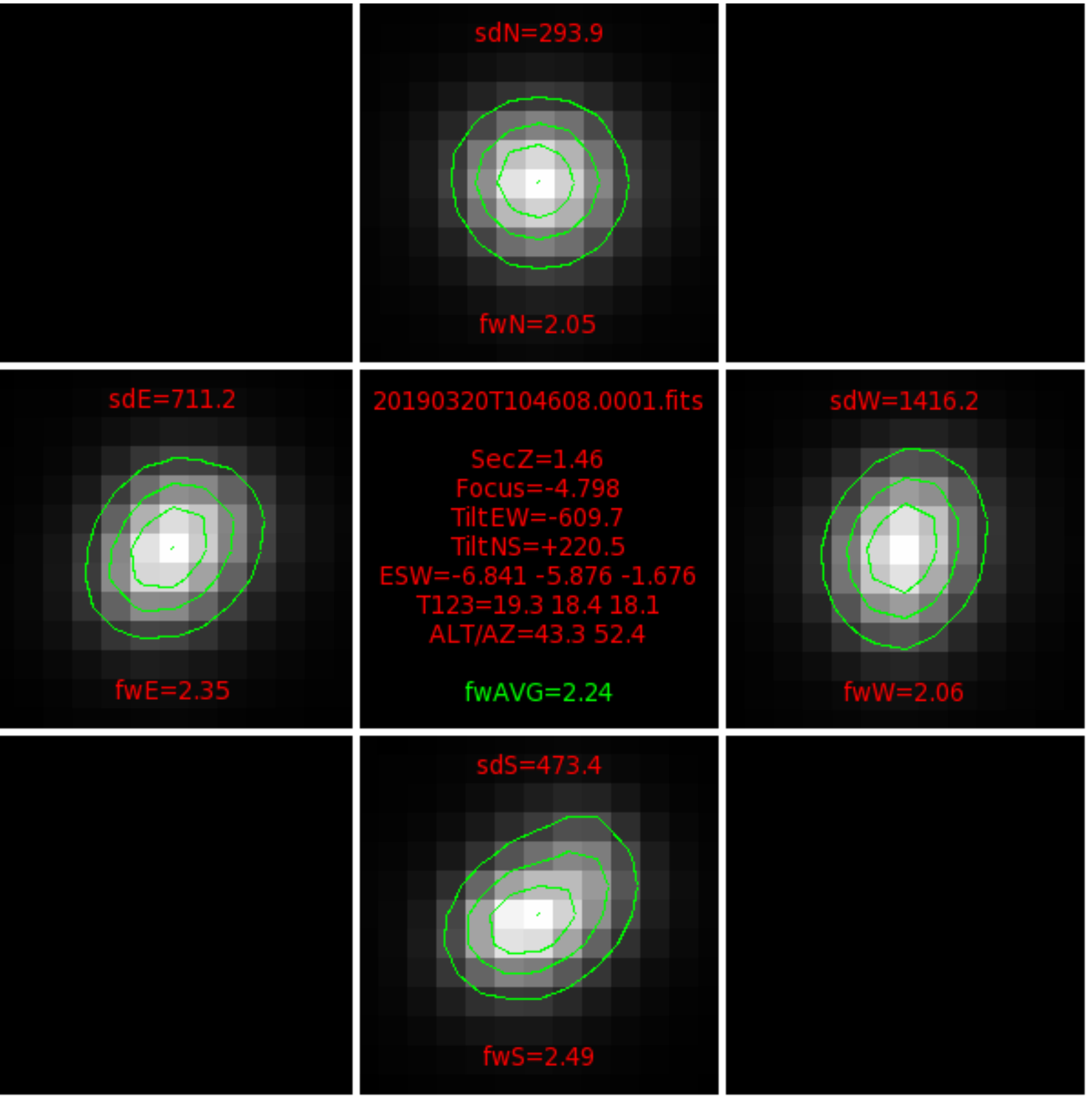
sdN=293.9
fwN=2.05
sdE=711.2
fwE=2.35
20190320T104608.0001.fits
SecZ=1.46
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=19.3 18.4 18.1
ALT/AZ=43.3 52.4
fwAVG=2.24
sdW=1416.2
fwW=2.06
sdS=473.4
fwS=2.49
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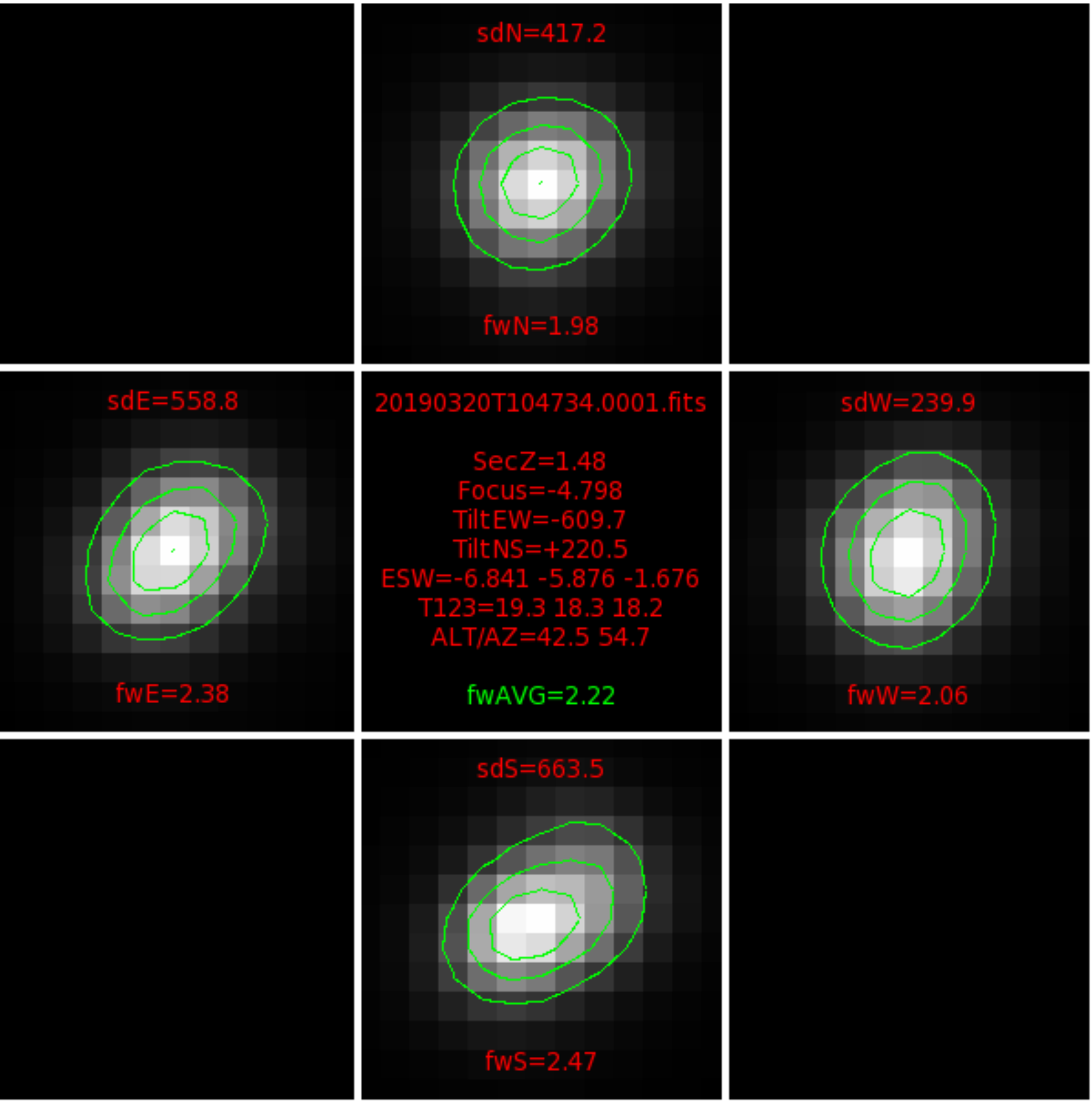
sdN=417.2
fwN=1.98
sdE=558.8
fwE=2.38
20190320T104734.0001.fits
SecZ=1.48
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=19.3 18.3 18.2
ALT/AZ=42.5 54.7
fwAVG=2.22
sdW=239.9
fwW=2.06
sdS=663.5
fwS=2.47
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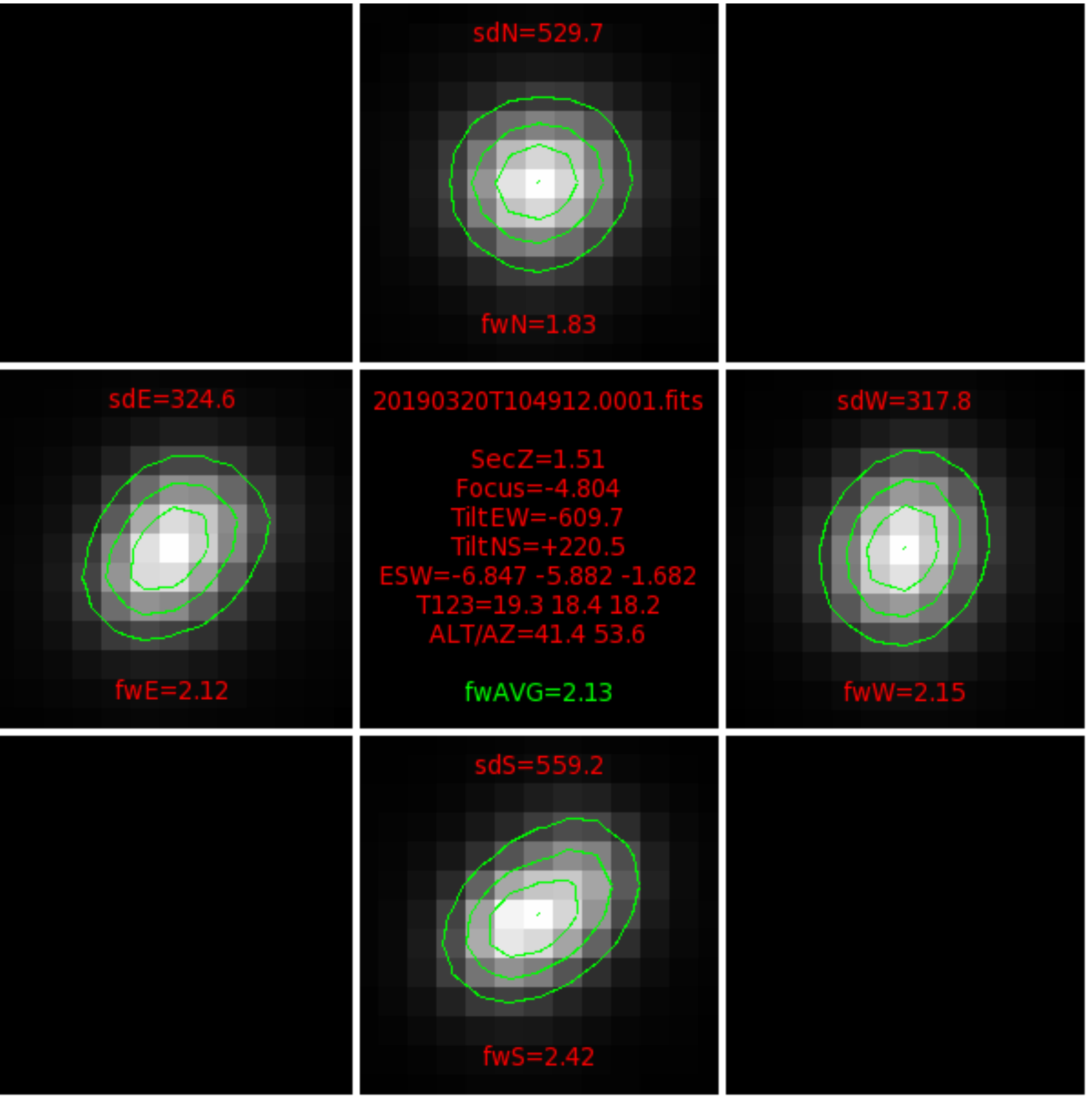
sdN=529.7
fwN=1.83
sdE=324.6
fwE=2.12
20190320T104912.0001.fits
SecZ=1.51
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=19.3 18.4 18.2
ALT/AZ=41.4 53.6
fwAVG=2.13
sdW=317.8
fwW=2.15
sdS=559.2
fwS=2.42
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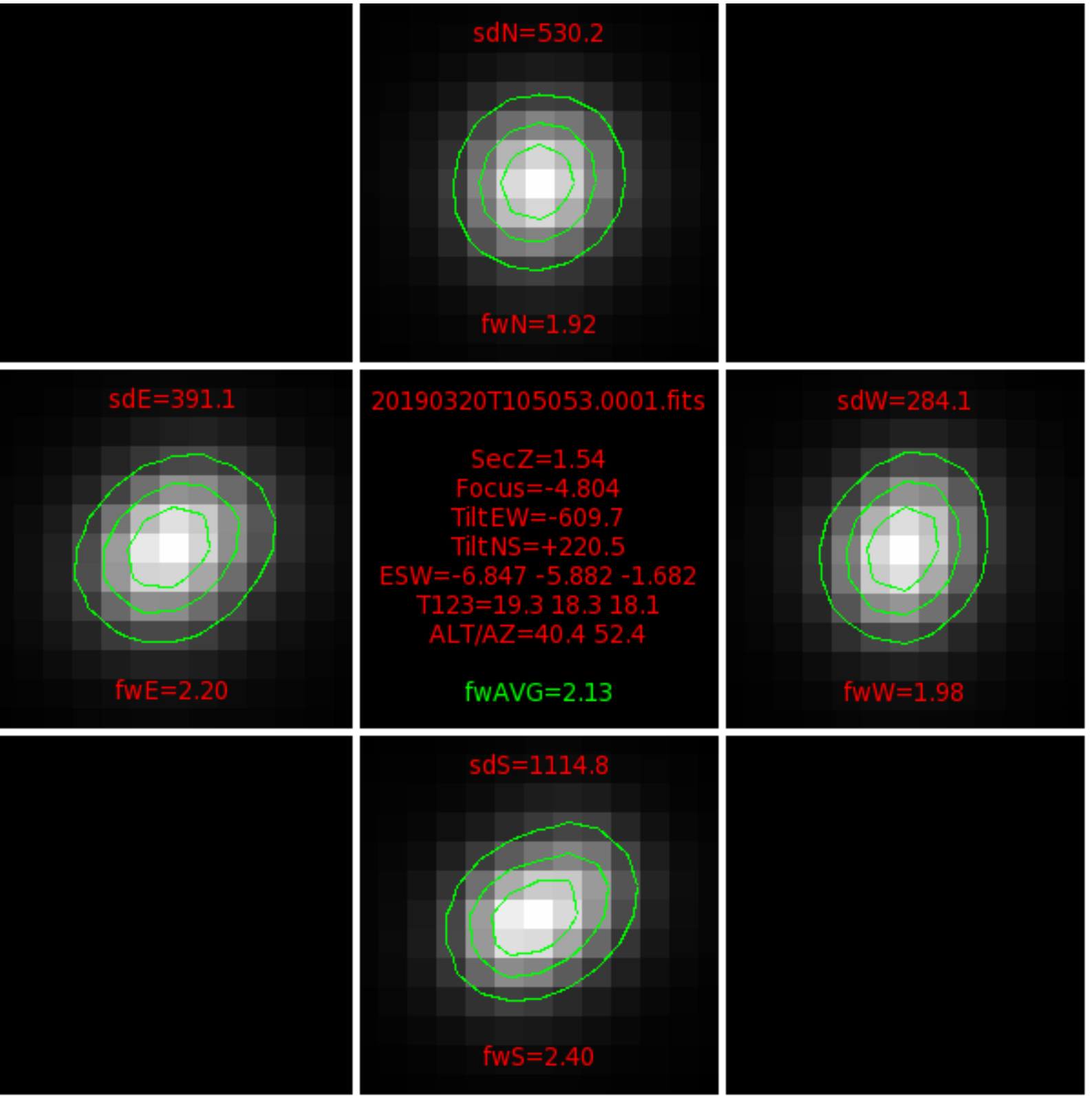
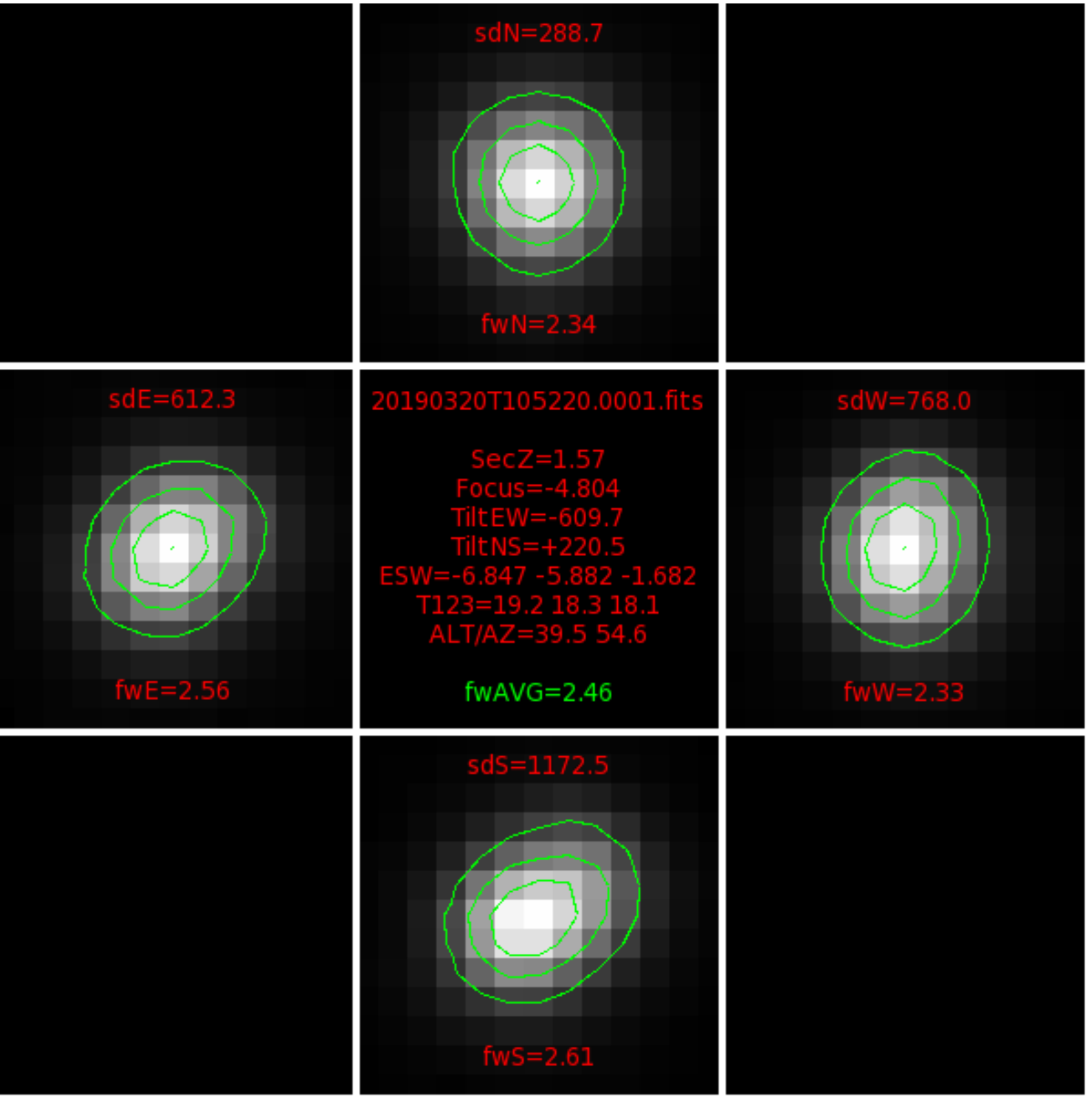

sdN=530.2
fwN=1.92
sdE=391.1
fwE=2.20
20190320T105053.0001.fits
SecZ=1.54
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=19.3 18.3 18.1
ALT/AZ=40.4 52.4
fwAVG=2.13
sdW=284.1
fwW=1.98
sdS=1114.8
fwS=2.40
0 0 0 0 0 0 0 0 0


sdN=288.7
fwN=2.34
sdE=612.3
fwE=2.56
20190320T105220.0001.fits
SecZ=1.57
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=19.2 18.3 18.1
ALT/AZ=39.5 54.6
fwAVG=2.46
sdW=768.0
fwW=2.33
sdS=1172.5
fwS=2.61
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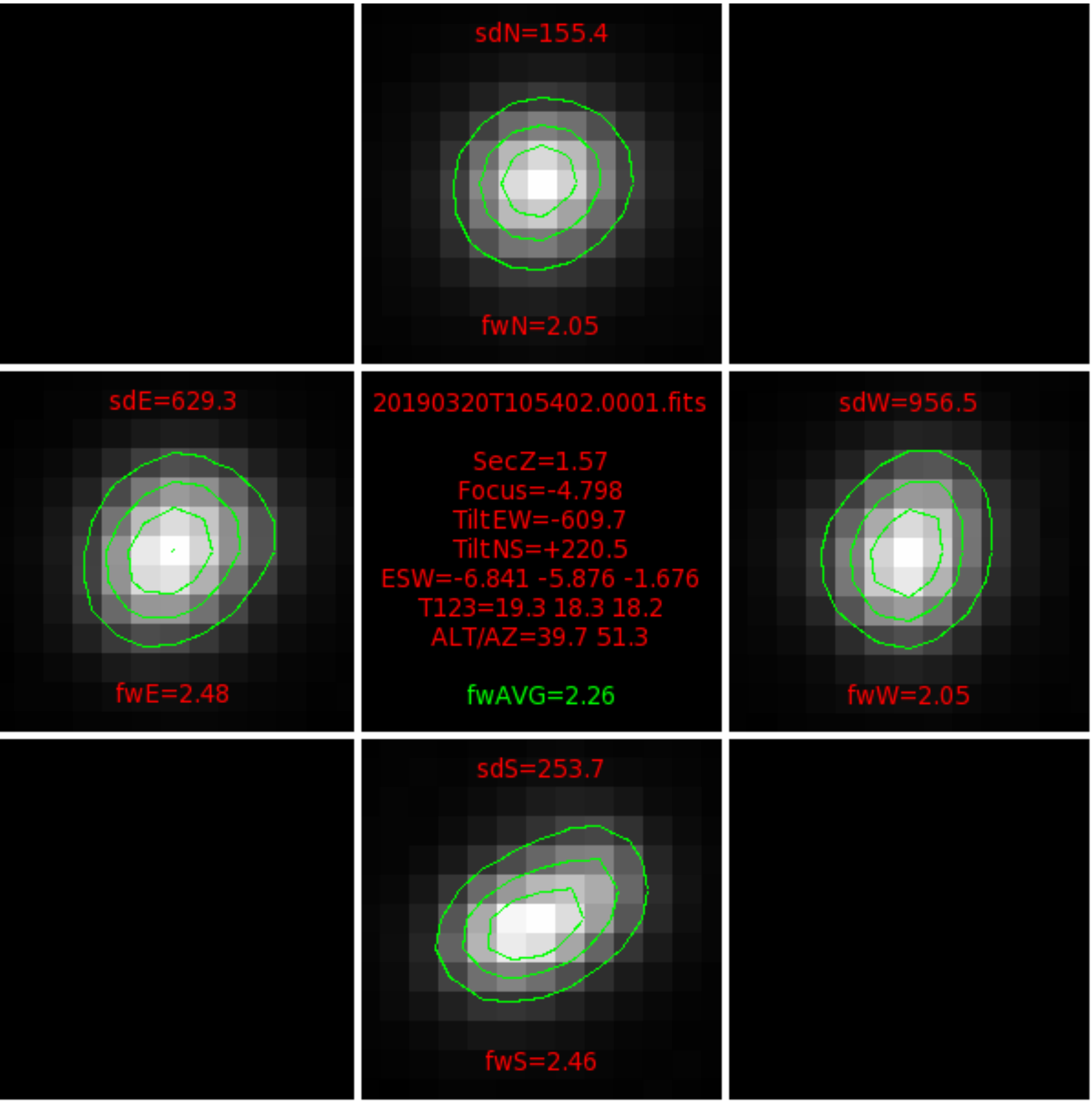
sdN=155.4
fwN=2.05
sdE=629.3
fwE=2.48
20190320T105402.0001.fits
SecZ=1.57
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=19.3 18.3 18.2
ALT/AZ=39.7 51.3
fwAVG=2.26
sdW=956.5
fwW=2.05
sdS=253.7
fwS=2.46
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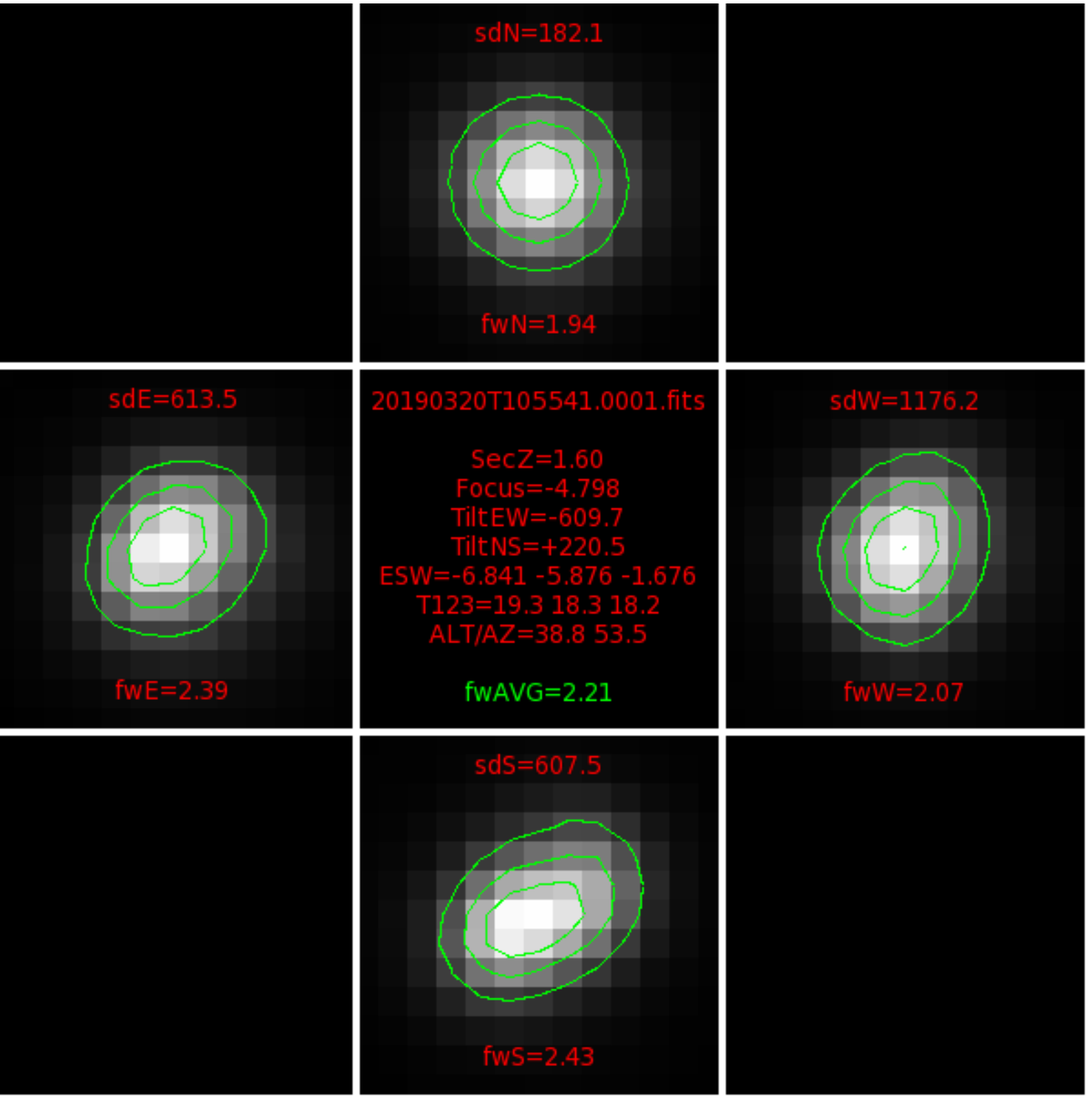
sdN=182.1
fwN=1.94
sdE=613.5
fwE=2.39
20190320T105541.0001.fits
SecZ=1.60
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=19.3 18.3 18.2
ALT/AZ=38.8 53.5
fwAVG=2.21
sdW=1176.2
fwW=2.07
sdS=607.5
fwS=2.43
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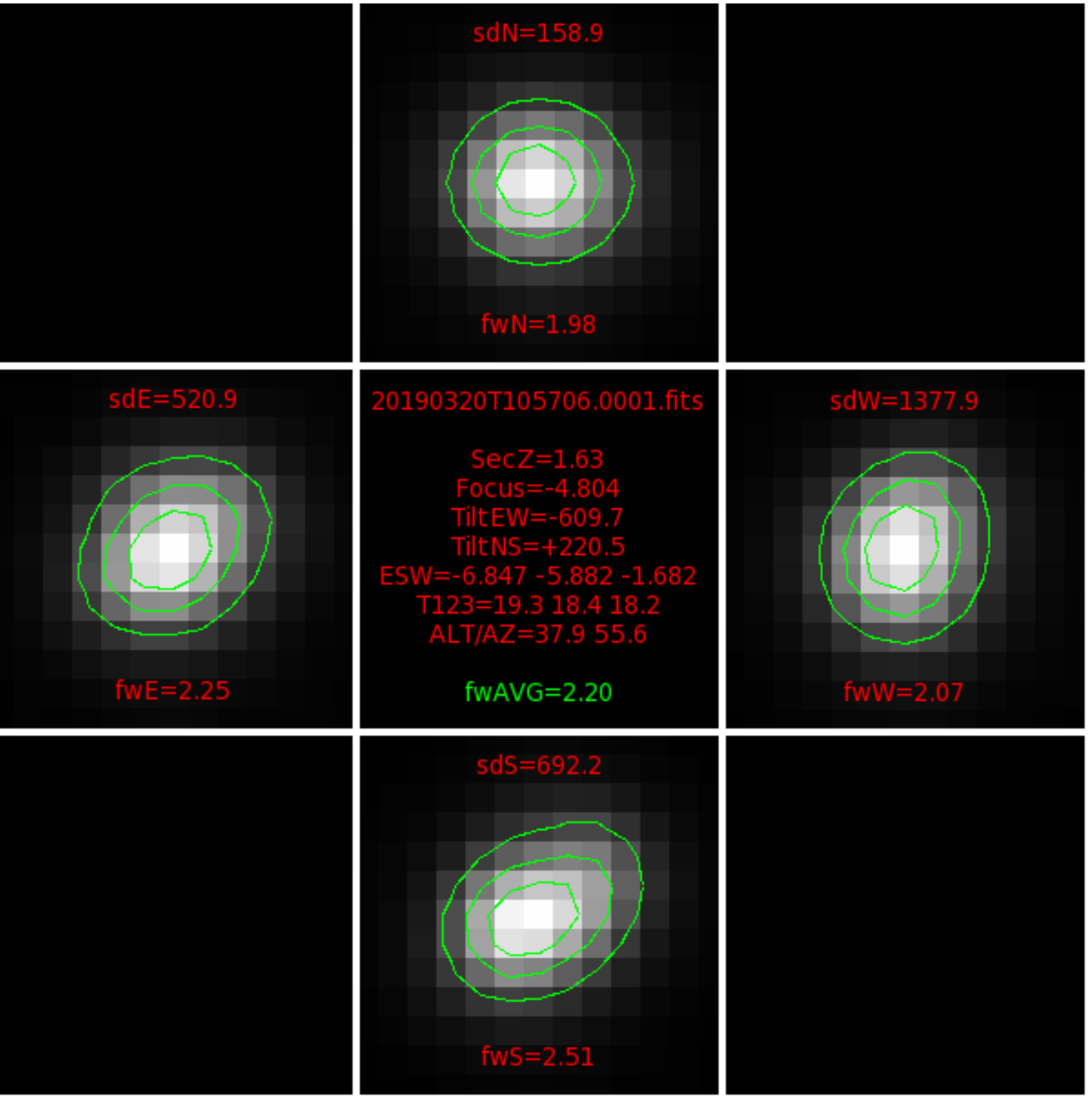
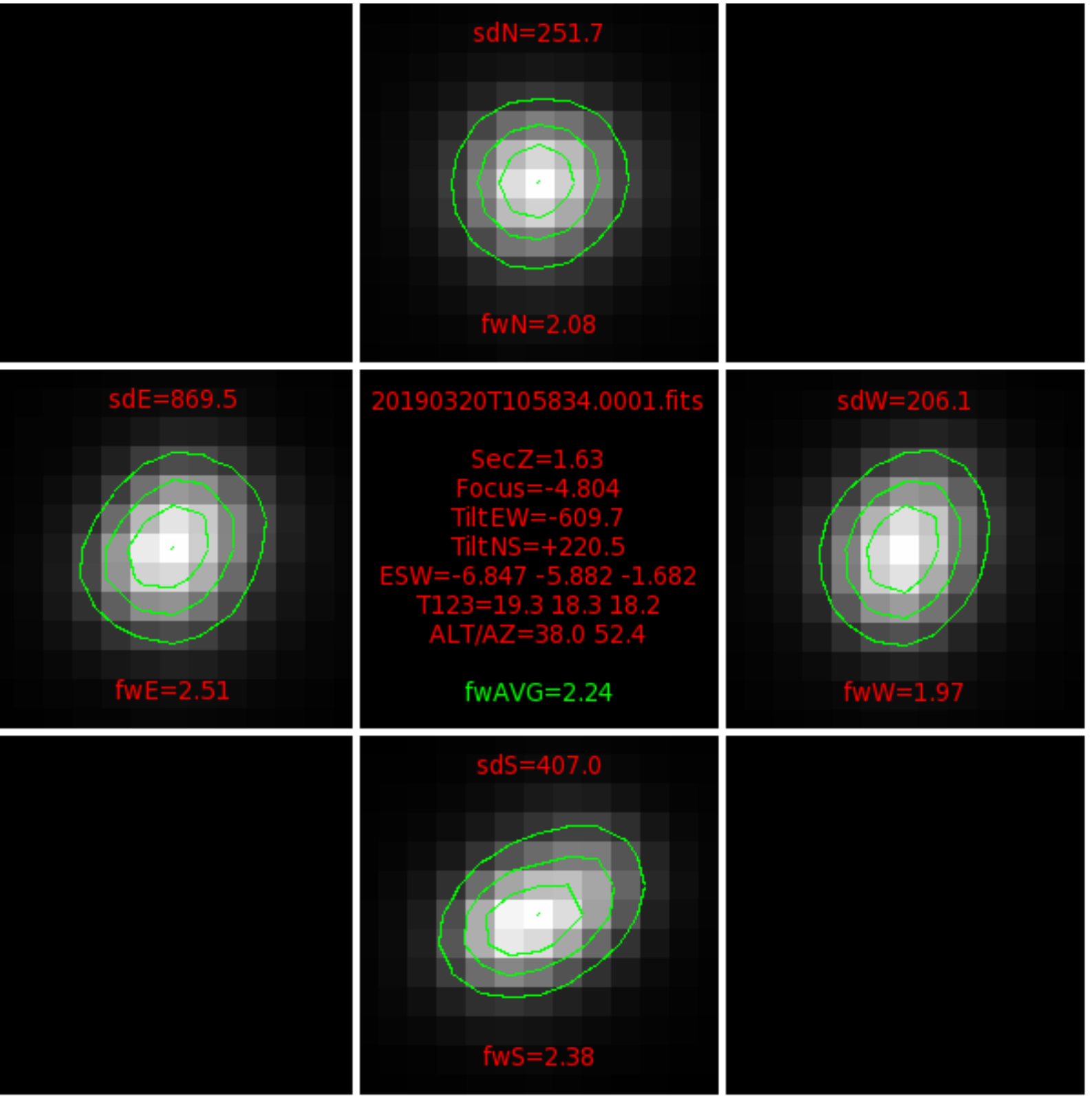

sdN=158.9
fwN=1.98
sdE=520.9
fwE=2.25
20190320T105706.0001.fits
SecZ=1.63
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=19.3 18.4 18.2
ALT/AZ=37.9 55.6
fwAVG=2.20
sdW=1377.9
fwW=2.07
sdS=692.2
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=251.7
fwN=2.08
sdE=869.5
fwE=2.51
20190320T105834.0001.fits
SecZ=1.63
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=19.3 18.3 18.2
ALT/AZ=38.0 52.4
fwAVG=2.24
sdW=206.1
fwW=1.97
sdS=407.0
fwS=2.38
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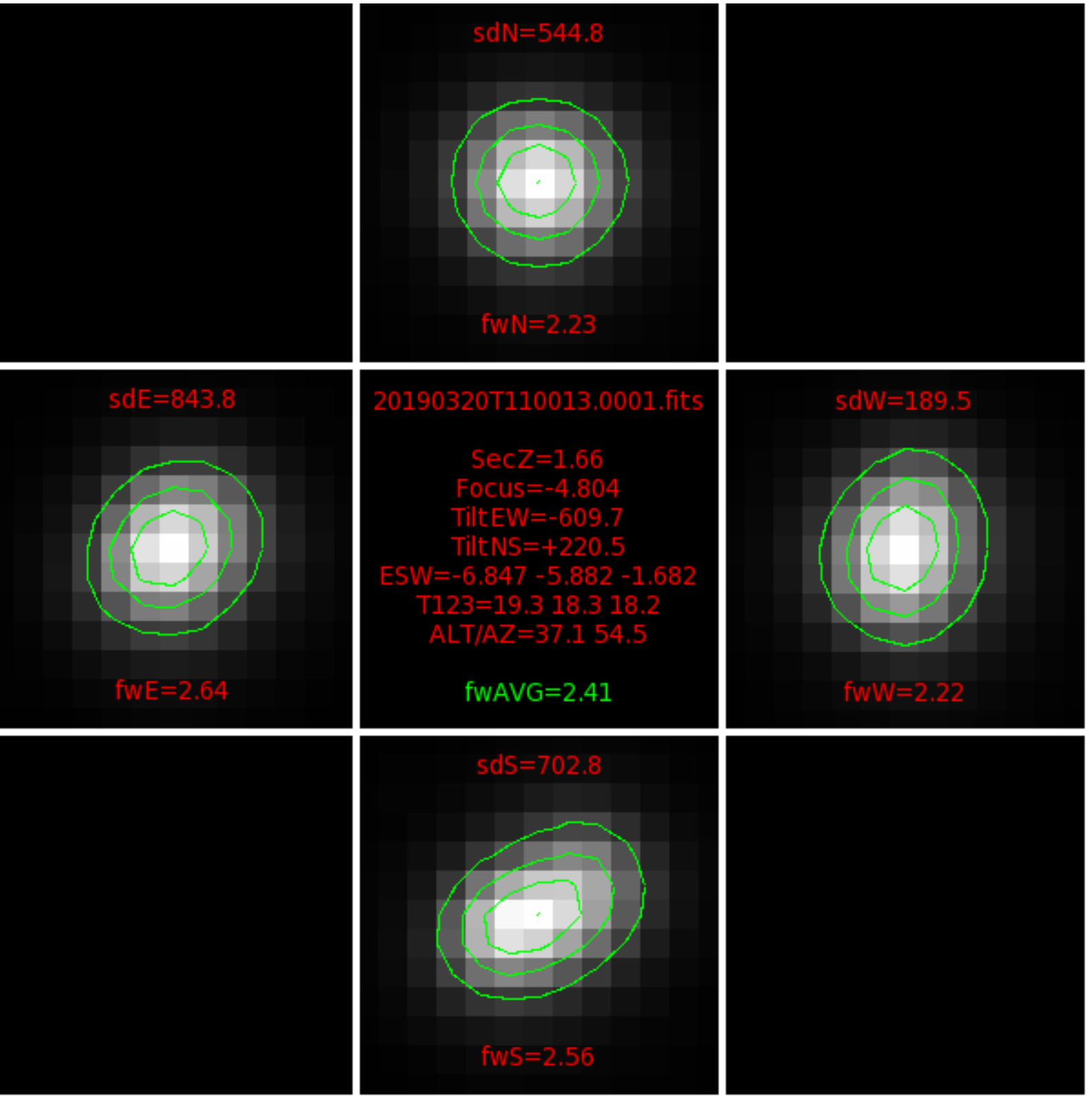
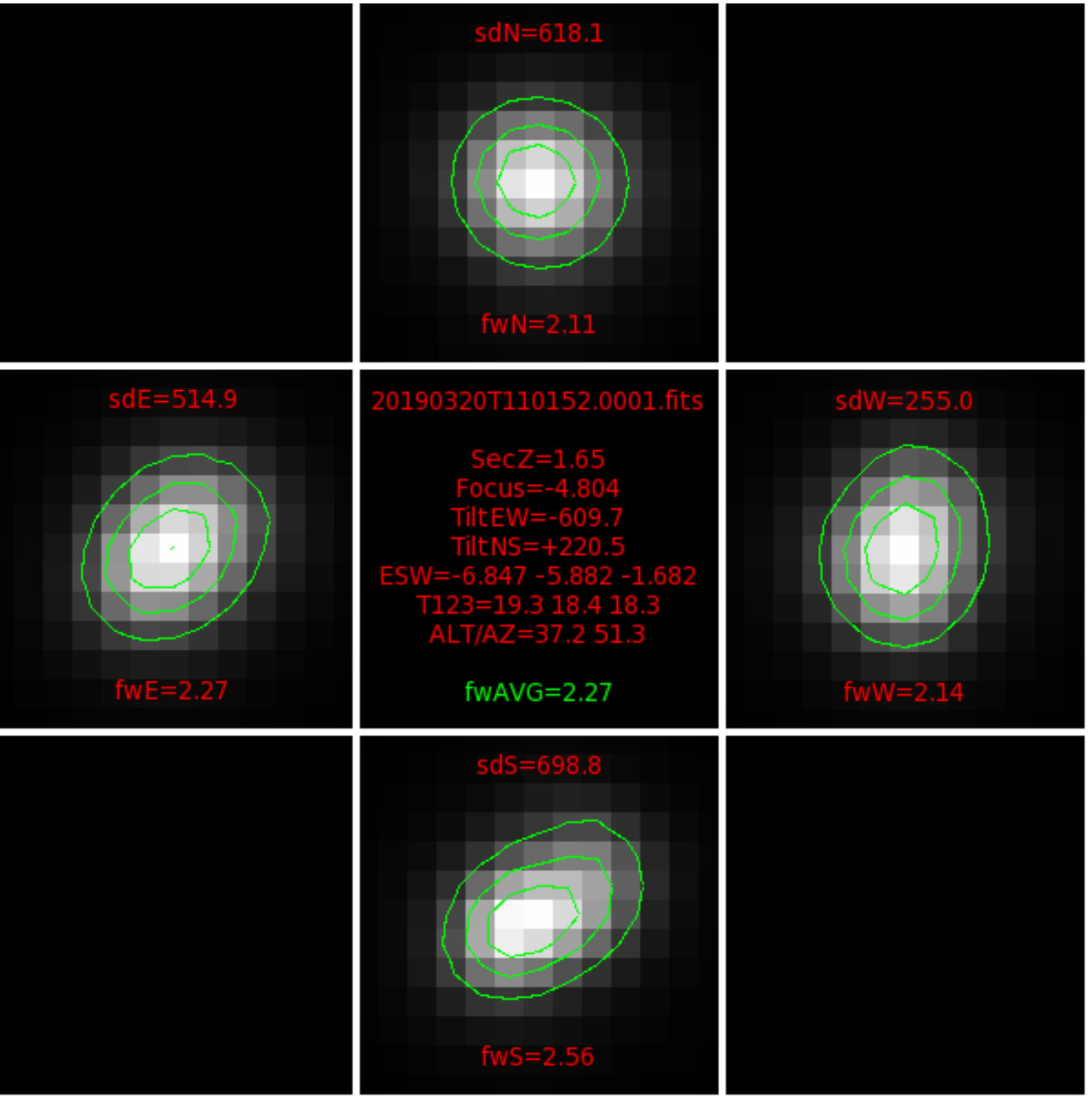

sdN=544.8
fwN=2.23
sdE=843.8
fwE=2.64
20190320T110013.0001.fits
SecZ=1.66
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=19.3 18.3 18.2
ALT/AZ=37.1 54.5
fwAVG=2.41
sdW=189.5
fwW=2.22
sdS=702.8
fwS=2.56
0 0 0 0 0 0 0 0 0


sdN=618.1
fwN=2.11
sdE=514.9
fwE=2.27
20190320T110152.0001.fits
SecZ=1.65
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=19.3 18.4 18.3
ALT/AZ=37.2 51.3
fwAVG=2.27
sdW=255.0
fwW=2.14
sdS=698.8
fwS=2.56
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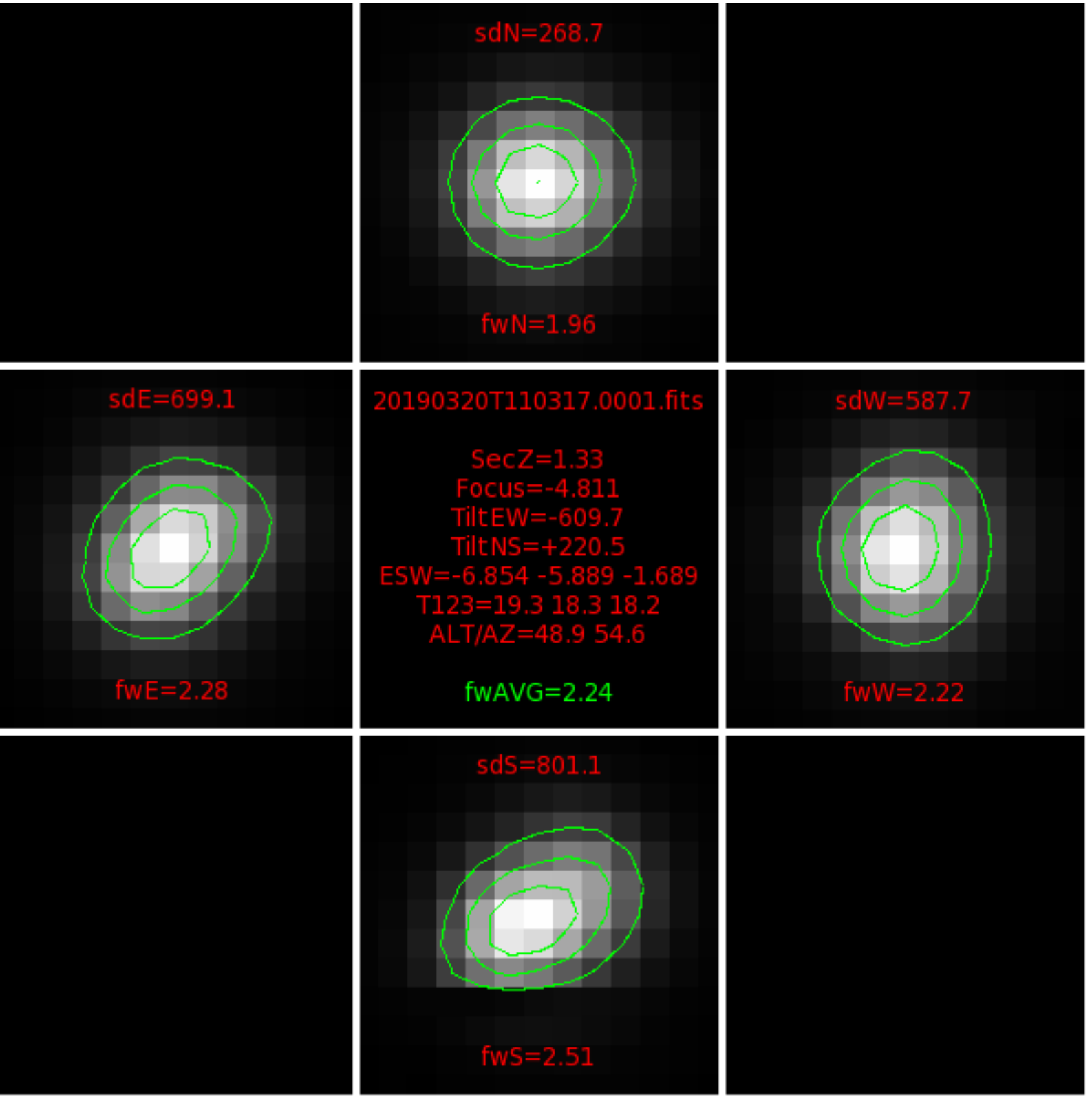
sdN=268.7
fwN=1.96
sdE=699.1
fwE=2.28
20190320T110317.0001.fits
SecZ=1.33
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=19.3 18.3 18.2
ALT/AZ=48.9 54.6
fwAVG=2.24
sdW=587.7
fwW=2.22
sdS=801.1
fwS=2.51
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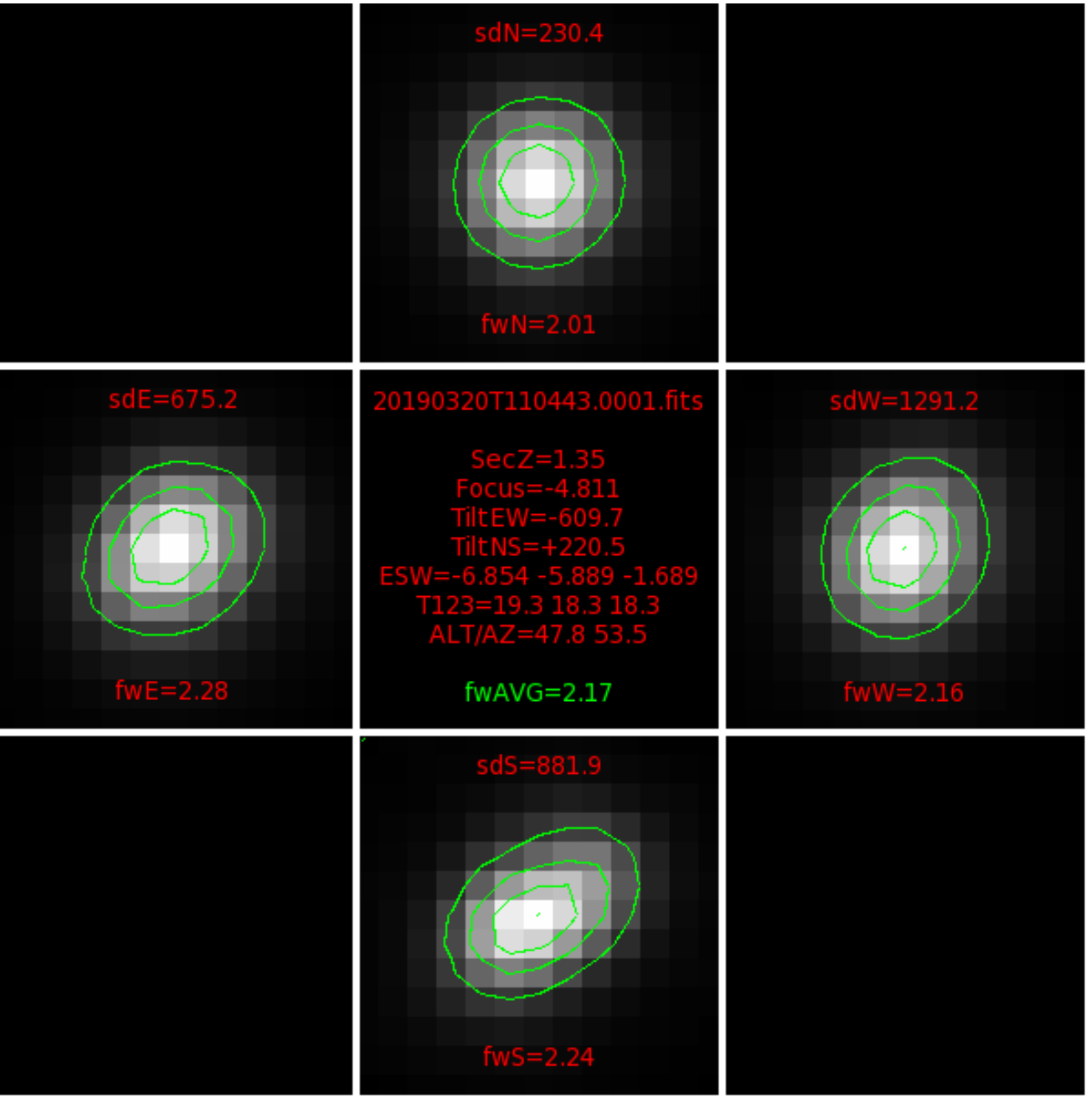
sdN=230.4
fwN=2.01
sdE=675.2
fwE=2.28
20190320T110443.0001.fits
SecZ=1.35
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=19.3 18.3 18.3
ALT/AZ=47.8 53.5
fwAVG=2.17
sdW=1291.2
fwW=2.16
sdS=881.9
fwS=2.24
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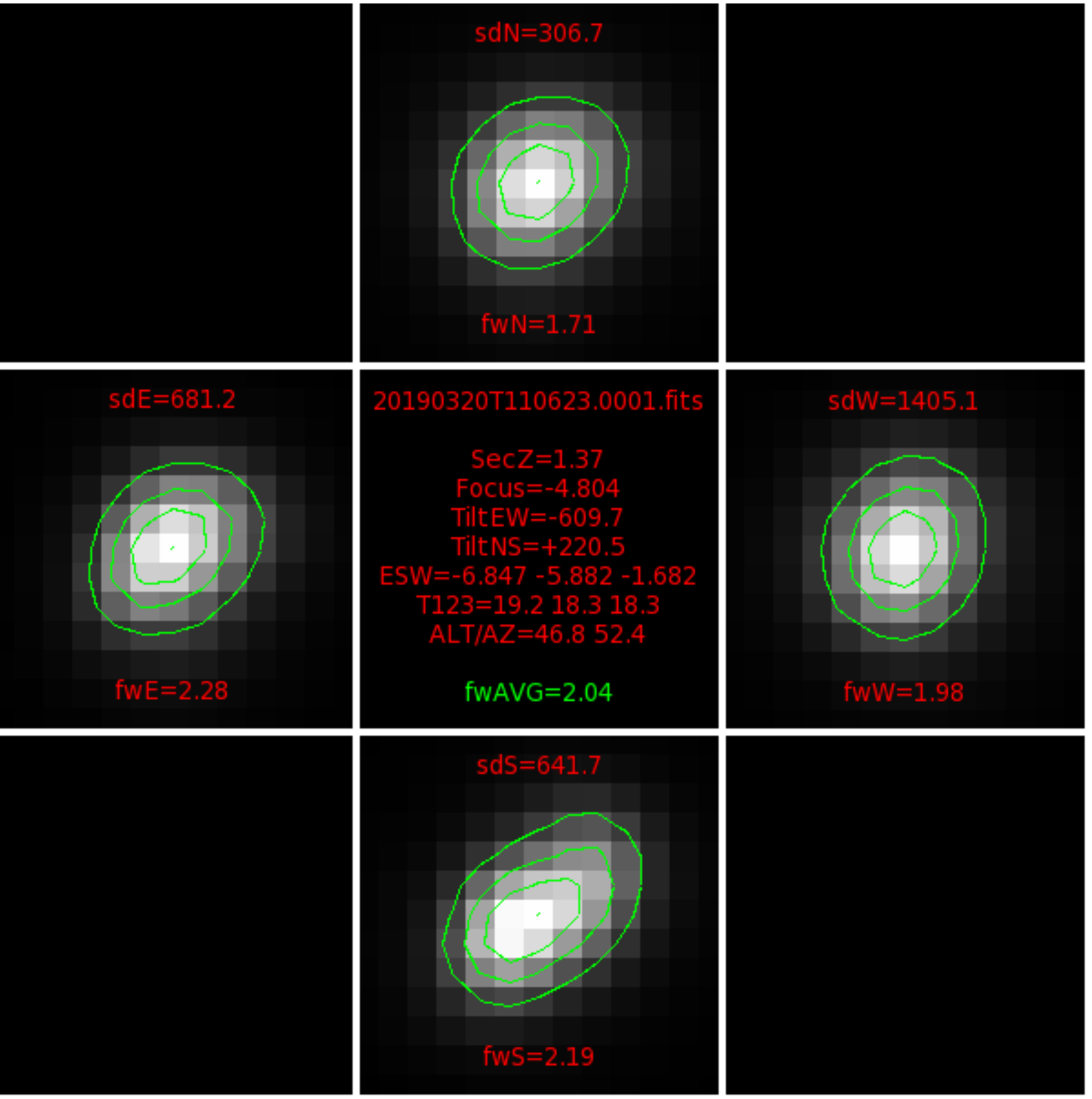
sdN=306.7
fwN=1.71
sdE=681.2
fwE=2.28
20190320T110623.0001.fits
SecZ=1.37
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=19.2 18.3 18.3
ALT/AZ=46.8 52.4
fwAVG=2.04
sdW=1405.1
fwW=1.98
sdS=641.7
fwS=2.19
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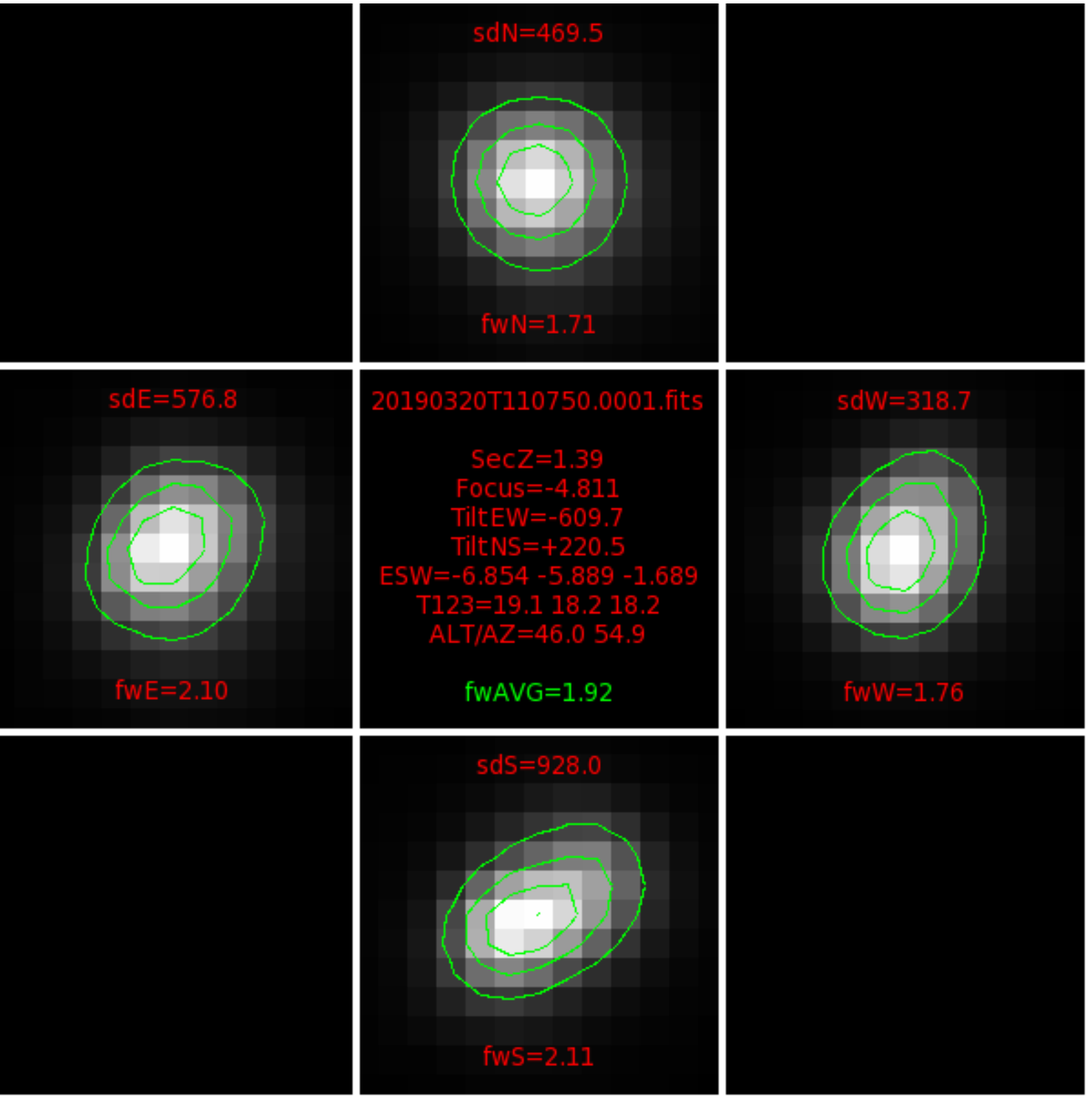
sdN=469.5
fwN=1.71
sdE=576.8
fwE=2.10
20190320T110750.0001.fits
SecZ=1.39
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=19.1 18.2 18.2
ALT/AZ=46.0 54.9
fwAVG=1.92
sdW=318.7
fwW=1.76
sdS=928.0
fwS=2.11
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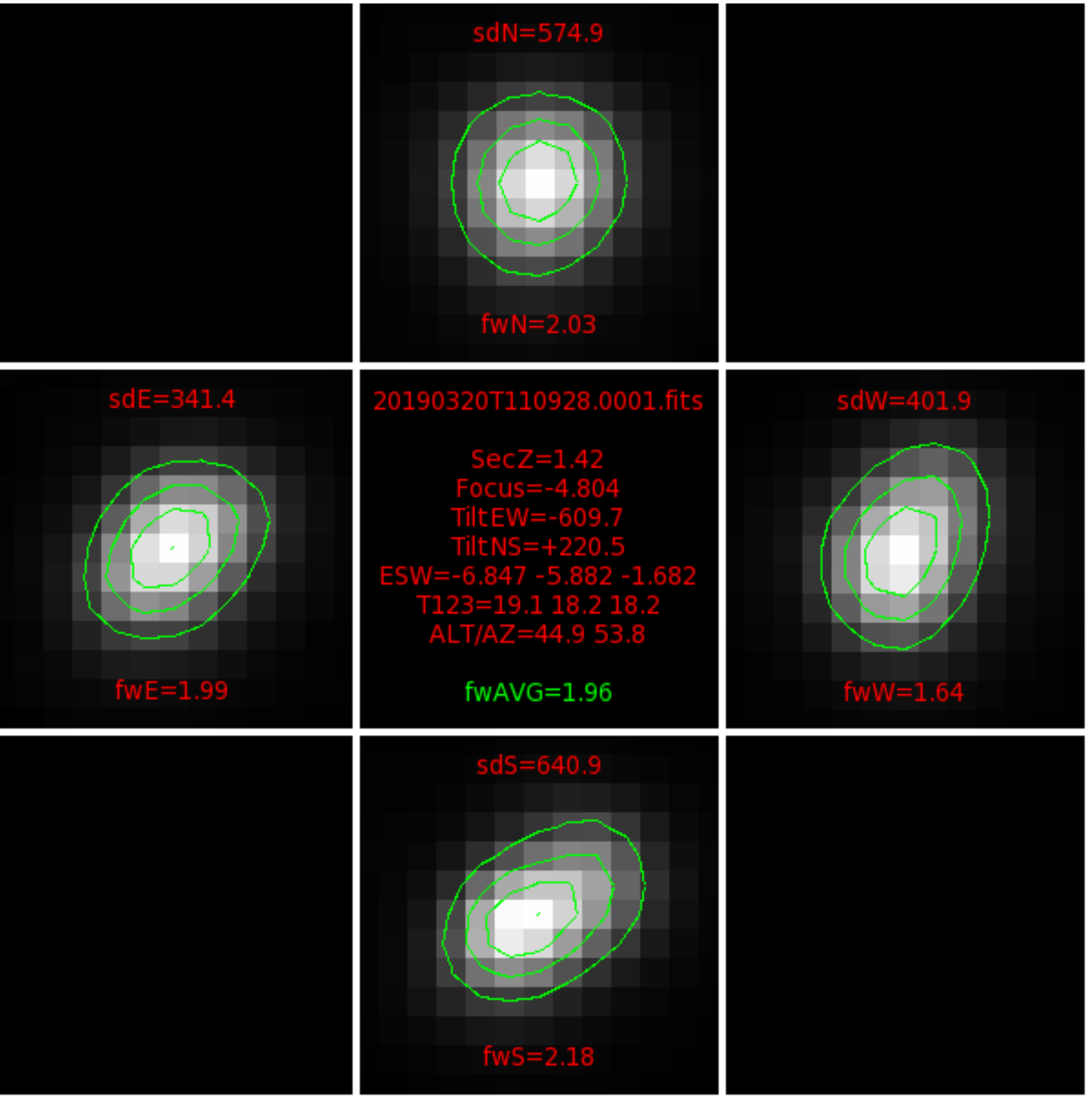
sdN=574.9
fwN=2.03
sdE=341.4
fwE=1.99
20190320T110928.0001.fits
SecZ=1.42
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=19.1 18.2 18.2
ALT/AZ=44.9 53.8
fwAVG=1.96
sdW=401.9
fwW=1.64
sdS=640.9
fwS=2.18
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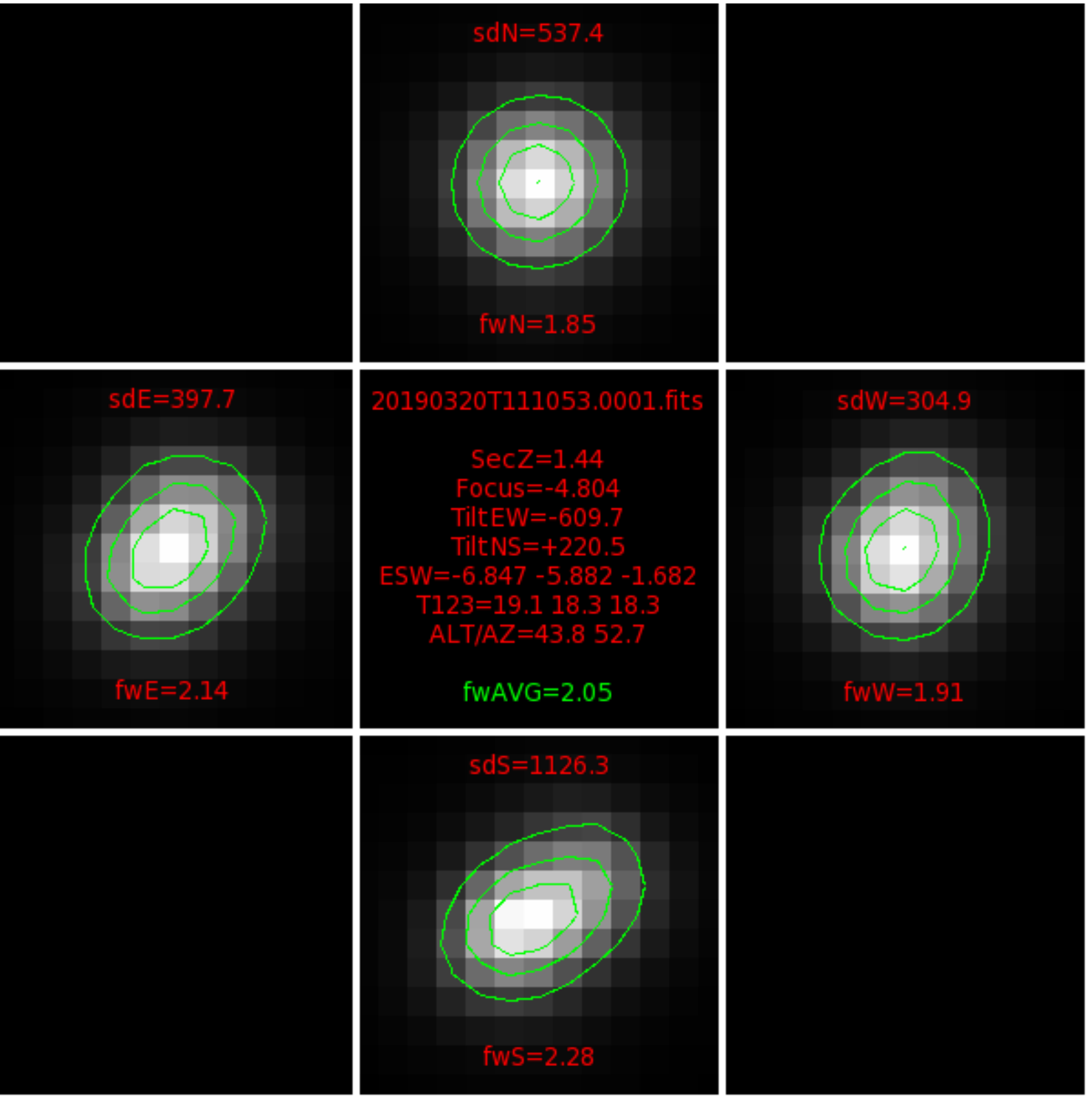
sdN=537.4
fwN=1.85
sdE=397.7
fwE=2.14
20190320T111053.0001.fits
SecZ=1.44
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=19.1 18.3 18.3
ALT/AZ=43.8 52.7
fwAVG=2.05
sdW=304.9
fwW=1.91
sdS=1126.3
fwS=2.28
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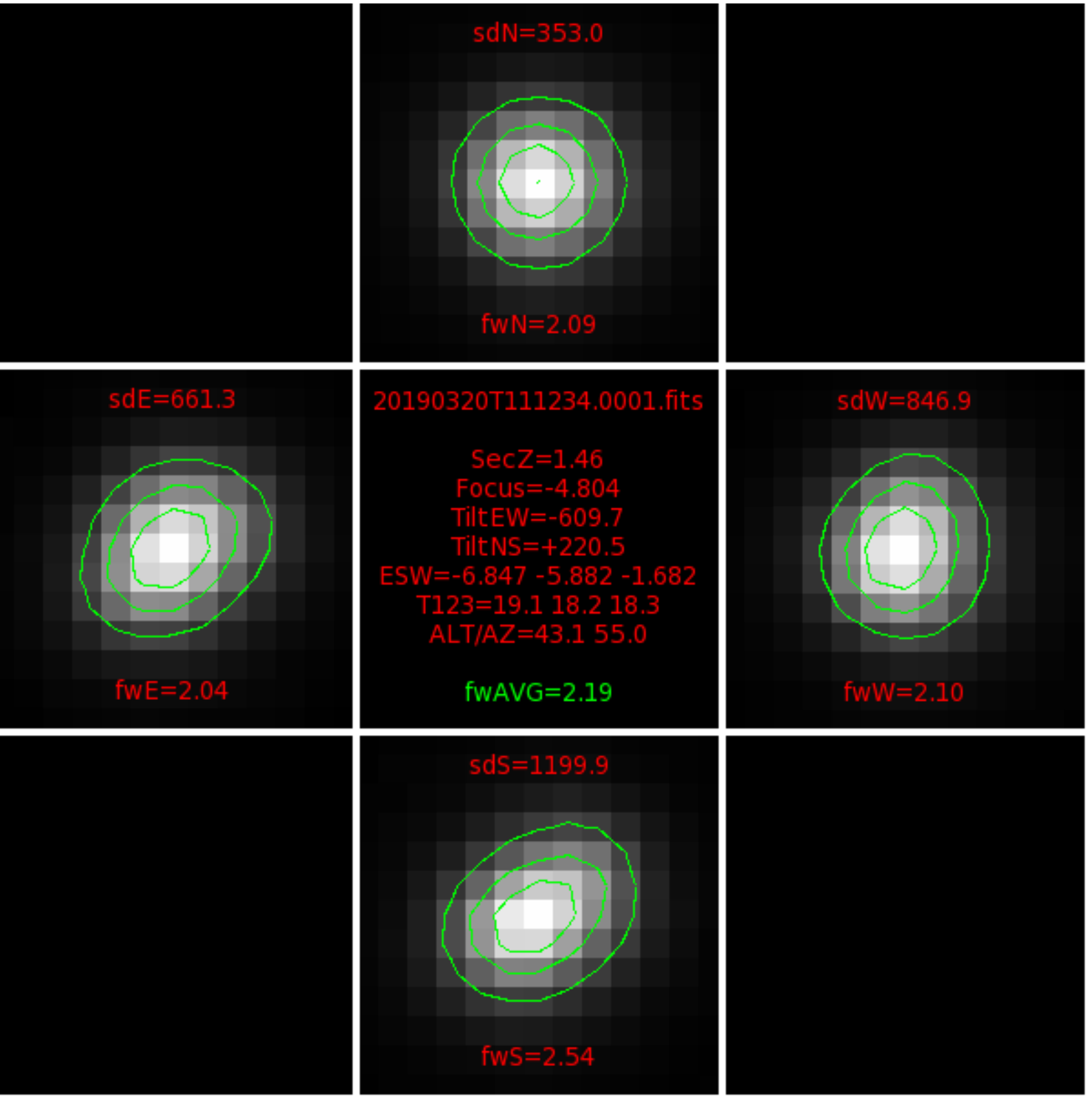
sdN=353.0
fwN=2.09
sdE=661.3
fwE=2.04
20190320T111234.0001.fits
SecZ=1.46
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=19.1 18.2 18.3
ALT/AZ=43.1 55.0
fwAVG=2.19
sdW=846.9
fwW=2.10
sdS=1199.9
fwS=2.54
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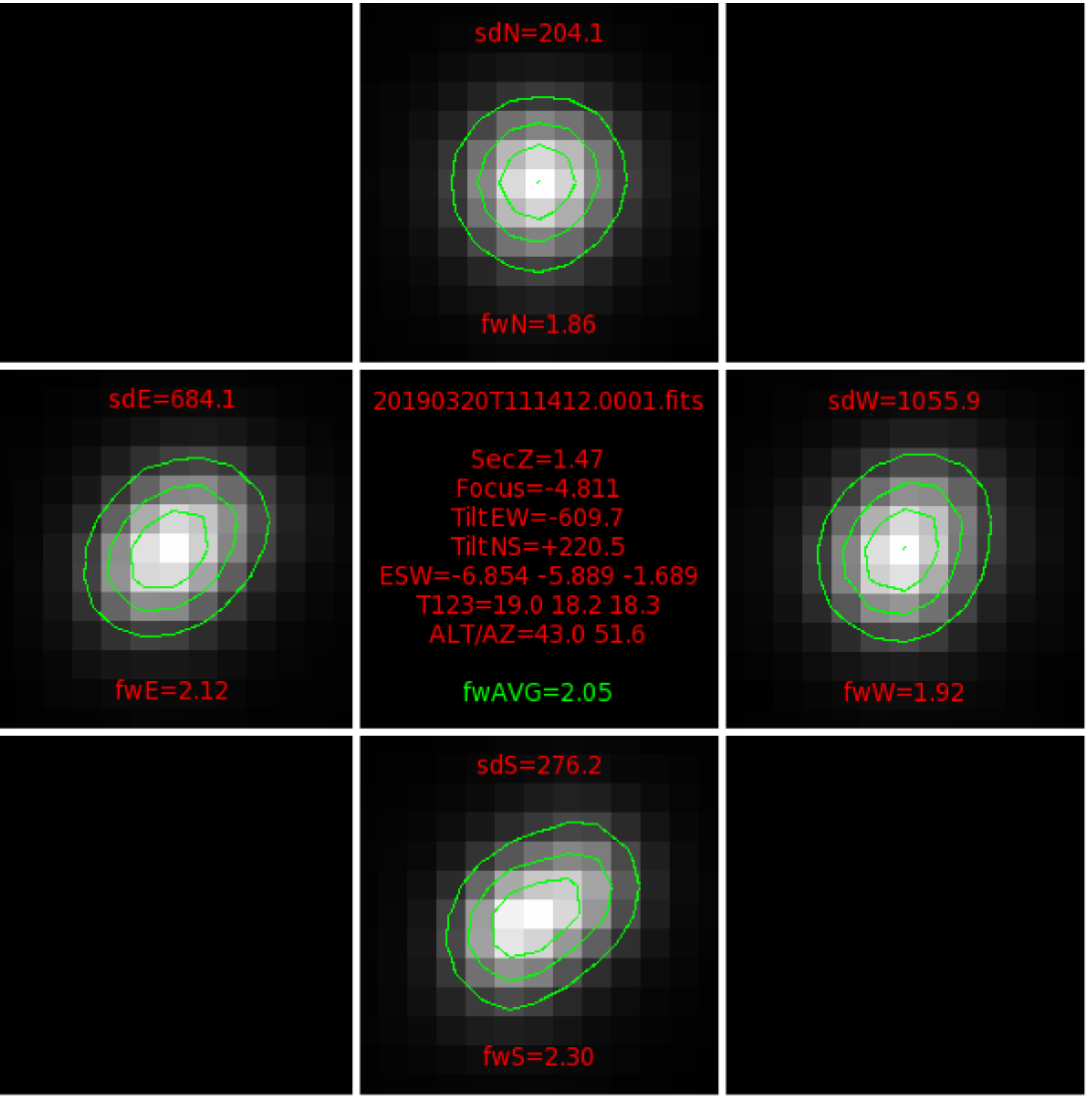
sdN=204.1
fwN=1.86
sdE=684.1
fwE=2.12
20190320T111412.0001.fits
SecZ=1.47
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=19.0 18.2 18.3
ALT/AZ=43.0 51.6
fwAVG=2.05
sdW=1055.9
fwW=1.92
sdS=276.2
fwS=2.30
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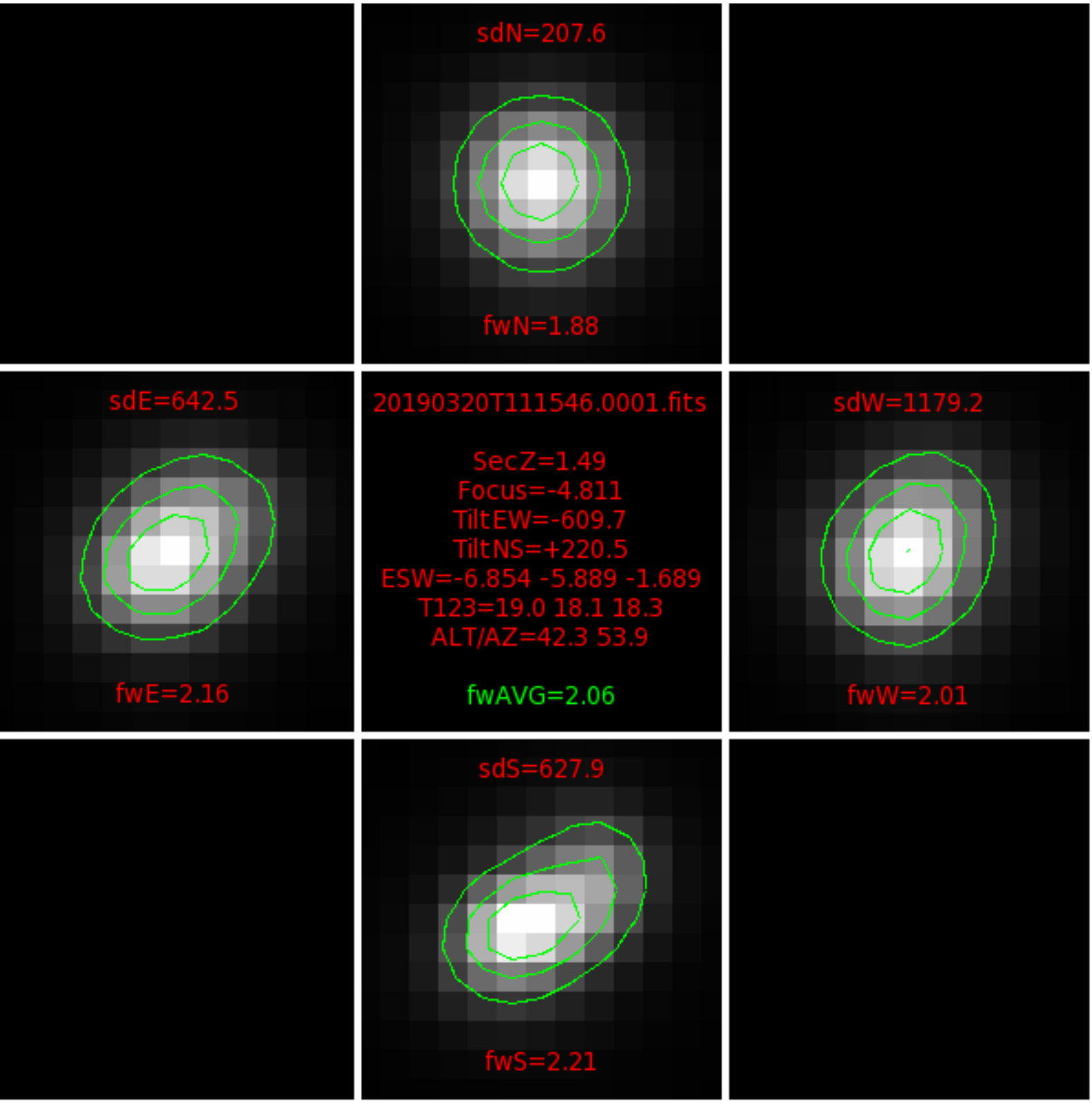
sdN=207.6
fwN=1.88
sdE=642.5
fwE=2.16
20190320T111546.0001.fits
SecZ=1.49
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=19.0 18.1 18.3
ALT/AZ=42.3 53.9
fwAVG=2.06
sdW=1179.2
fwW=2.01
sdS=627.9
fwS=2.21
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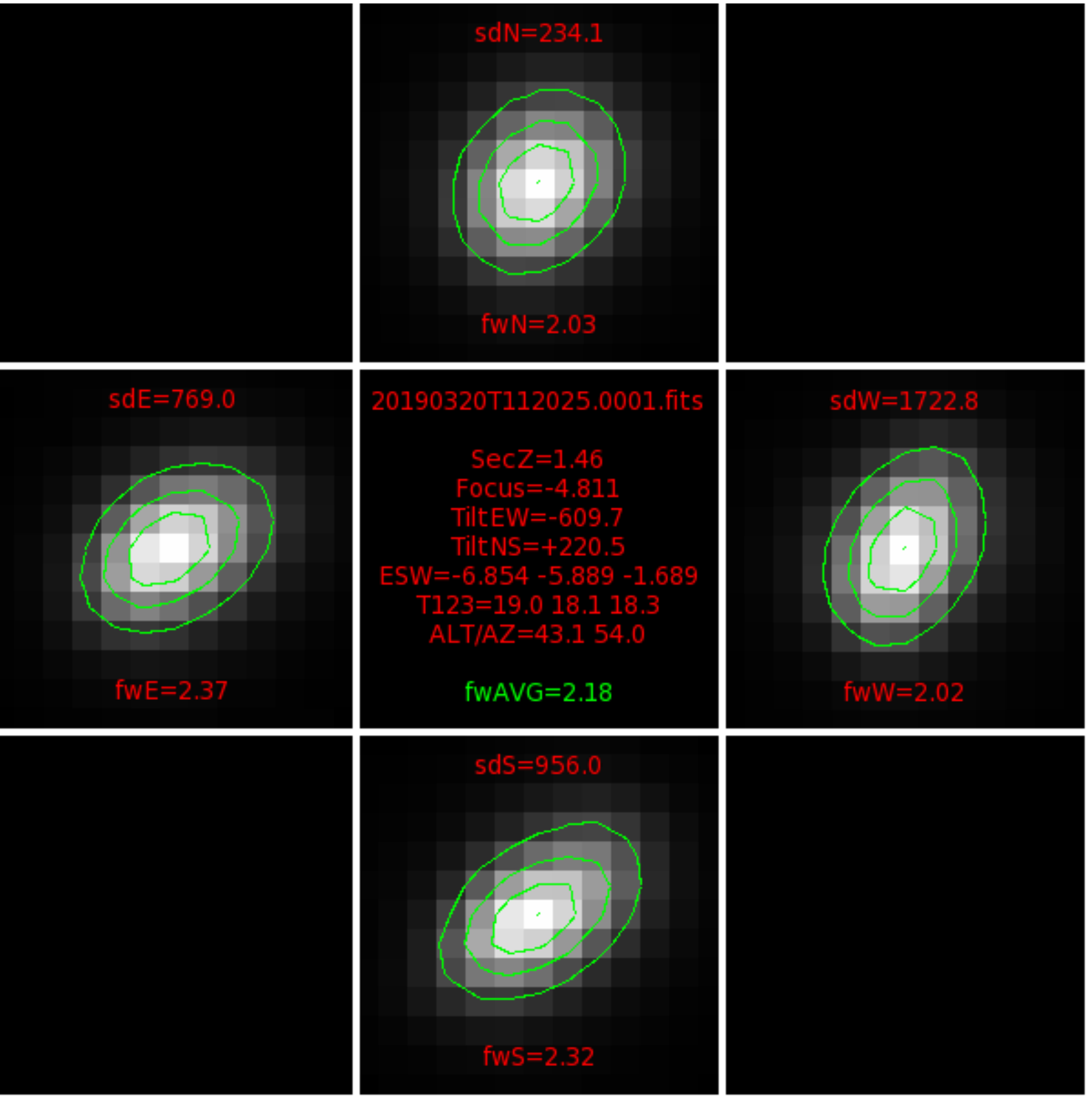
sdN=234.1
fwN=2.03
sdE=769.0
fwE=2.37
20190320T112025.0001.fits
SecZ=1.46
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=19.0 18.1 18.3
ALT/AZ=43.1 54.0
fwAVG=2.18
sdW=1722.8
fwW=2.02
sdS=956.0
fwS=2.32
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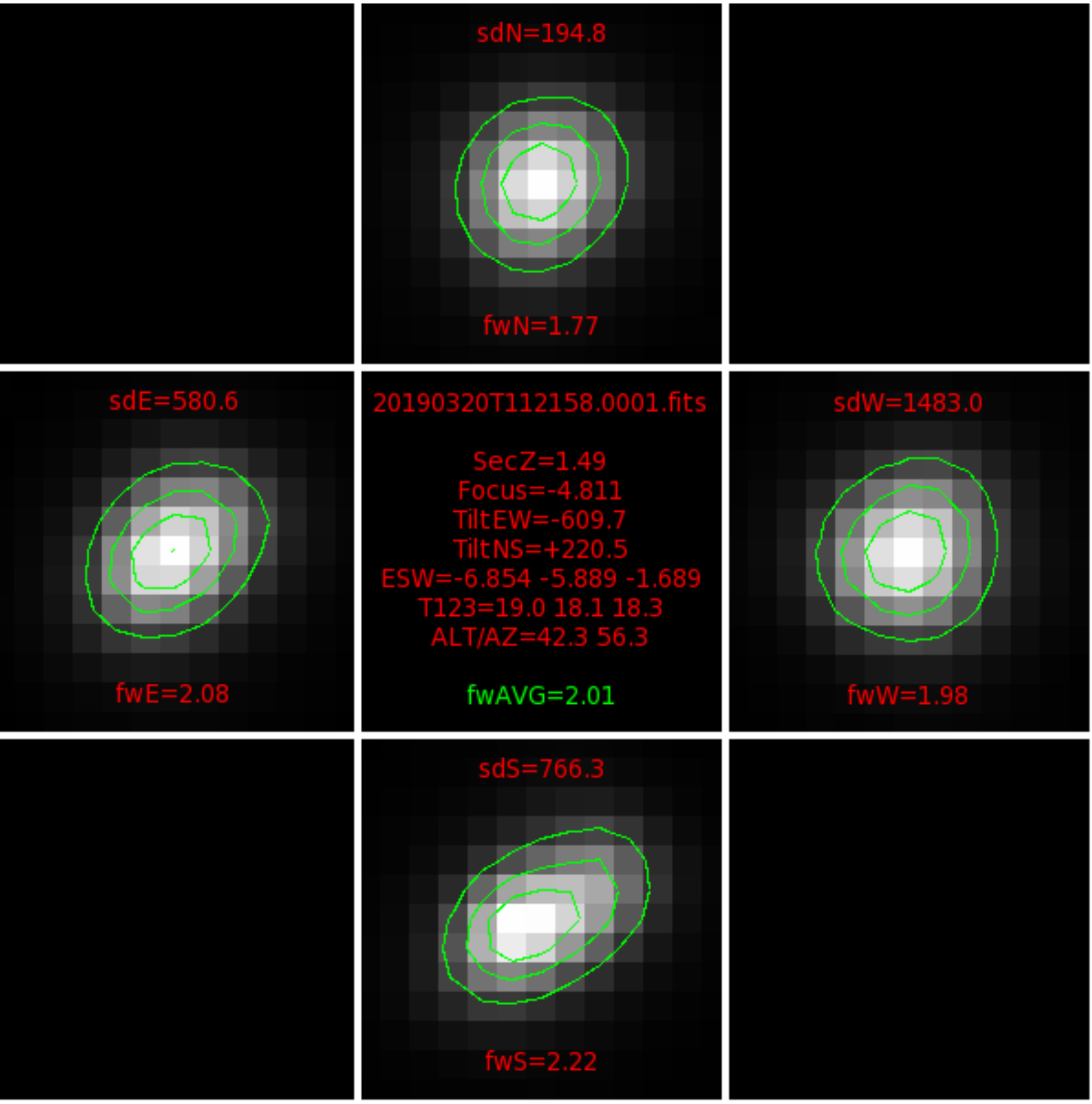
sdN=194.8
fwN=1.77
sdE=580.6
fwE=2.08
20190320T112158.0001.fits
SecZ=1.49
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=19.0 18.1 18.3
ALT/AZ=42.3 56.3
fwAVG=2.01
sdW=1483.0
fwW=1.98
sdS=766.3
fwS=2.22
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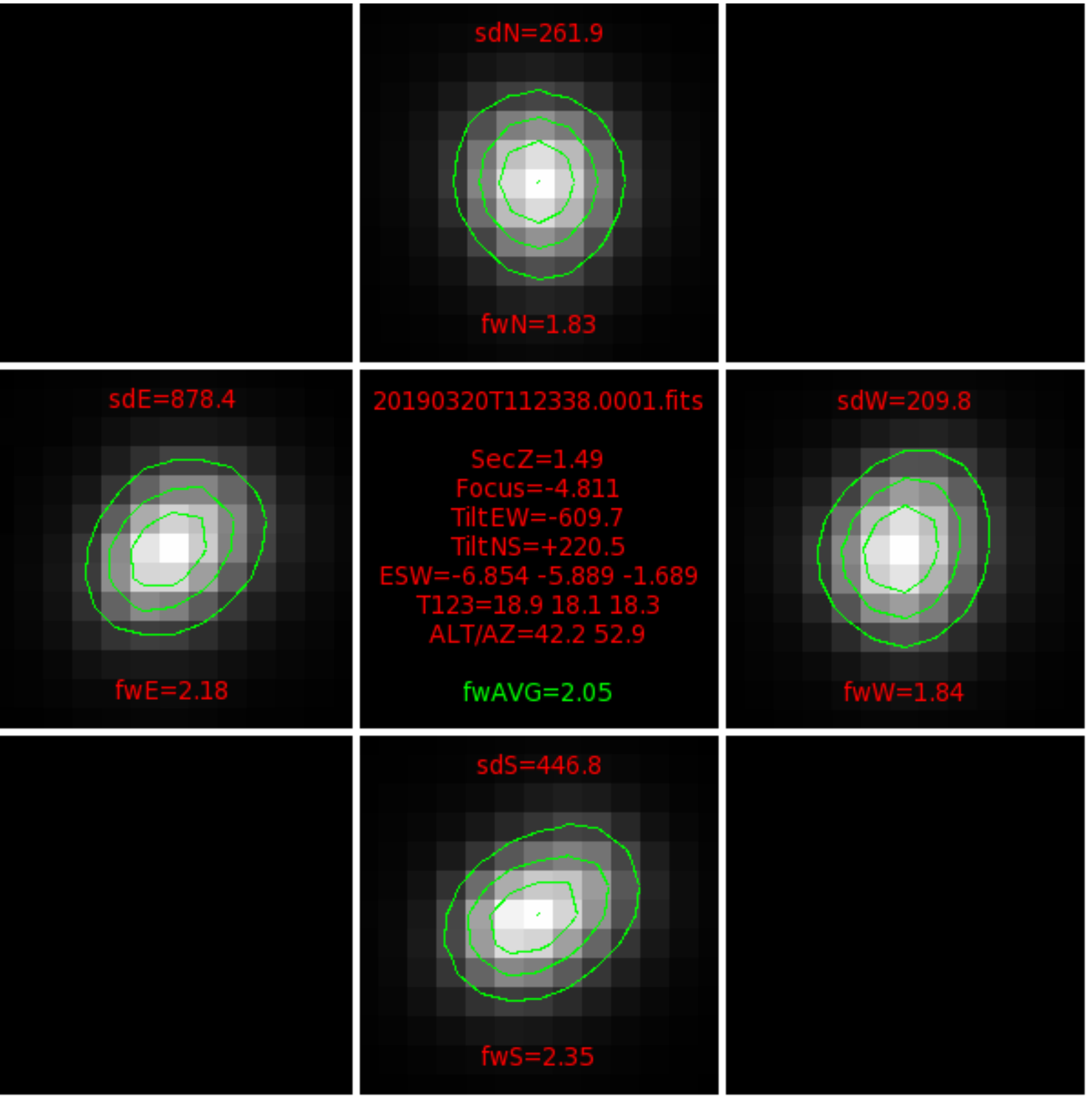
sdN=261.9
fwN=1.83
sdE=878.4
fwE=2.18
20190320T112338.0001.fits
SecZ=1.49
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.9 18.1 18.3
ALT/AZ=42.2 52.9
fwAVG=2.05
sdW=209.8
fwW=1.84
sdS=446.8
fwS=2.35
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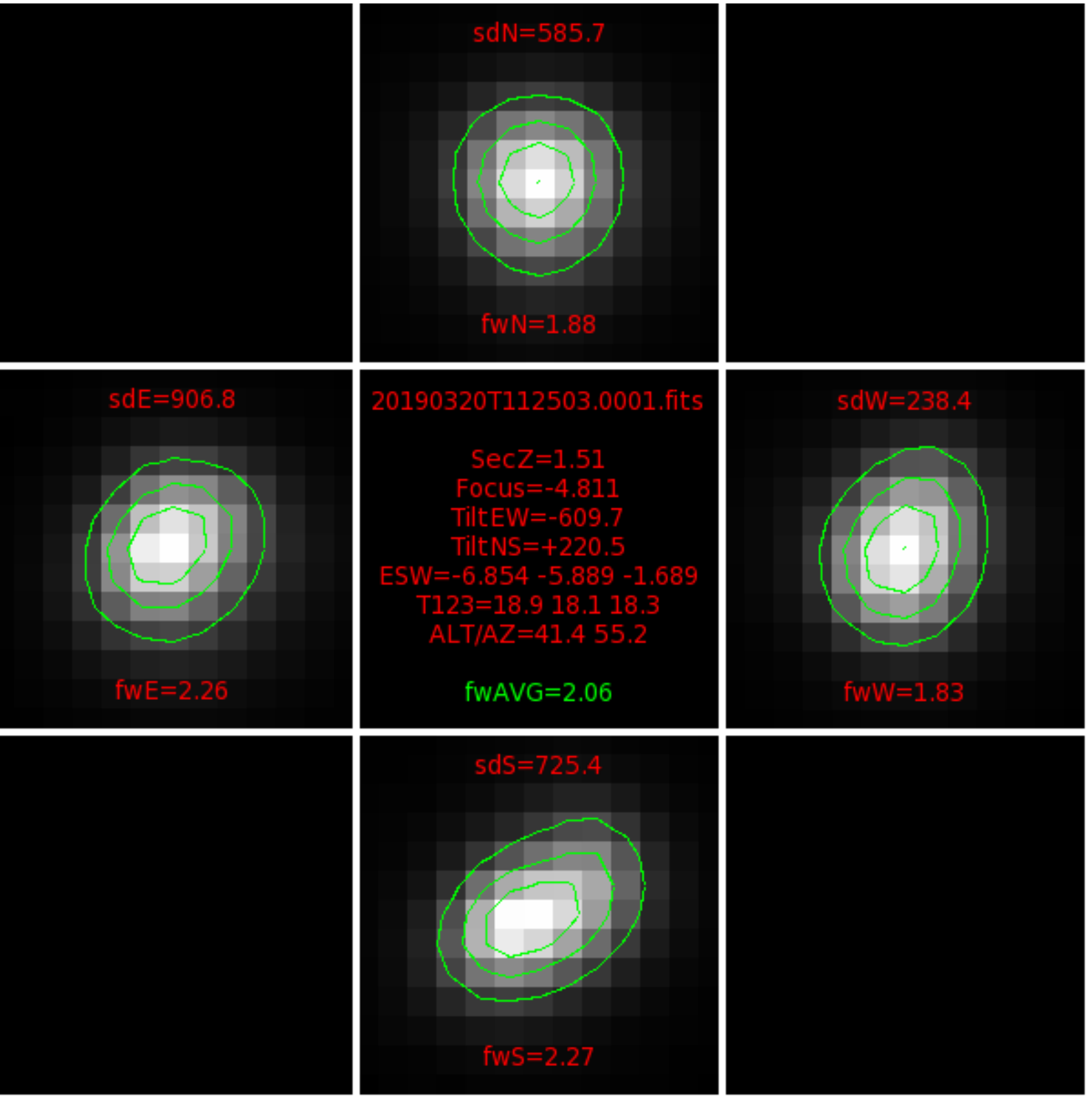
sdN=585.7
fwN=1.88
sdE=906.8
fwE=2.26
20190320T112503.0001.fits
SecZ=1.51
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.9 18.1 18.3
ALT/AZ=41.4 55.2
fwAVG=2.06
sdW=238.4
fwW=1.83
sdS=725.4
fwS=2.27
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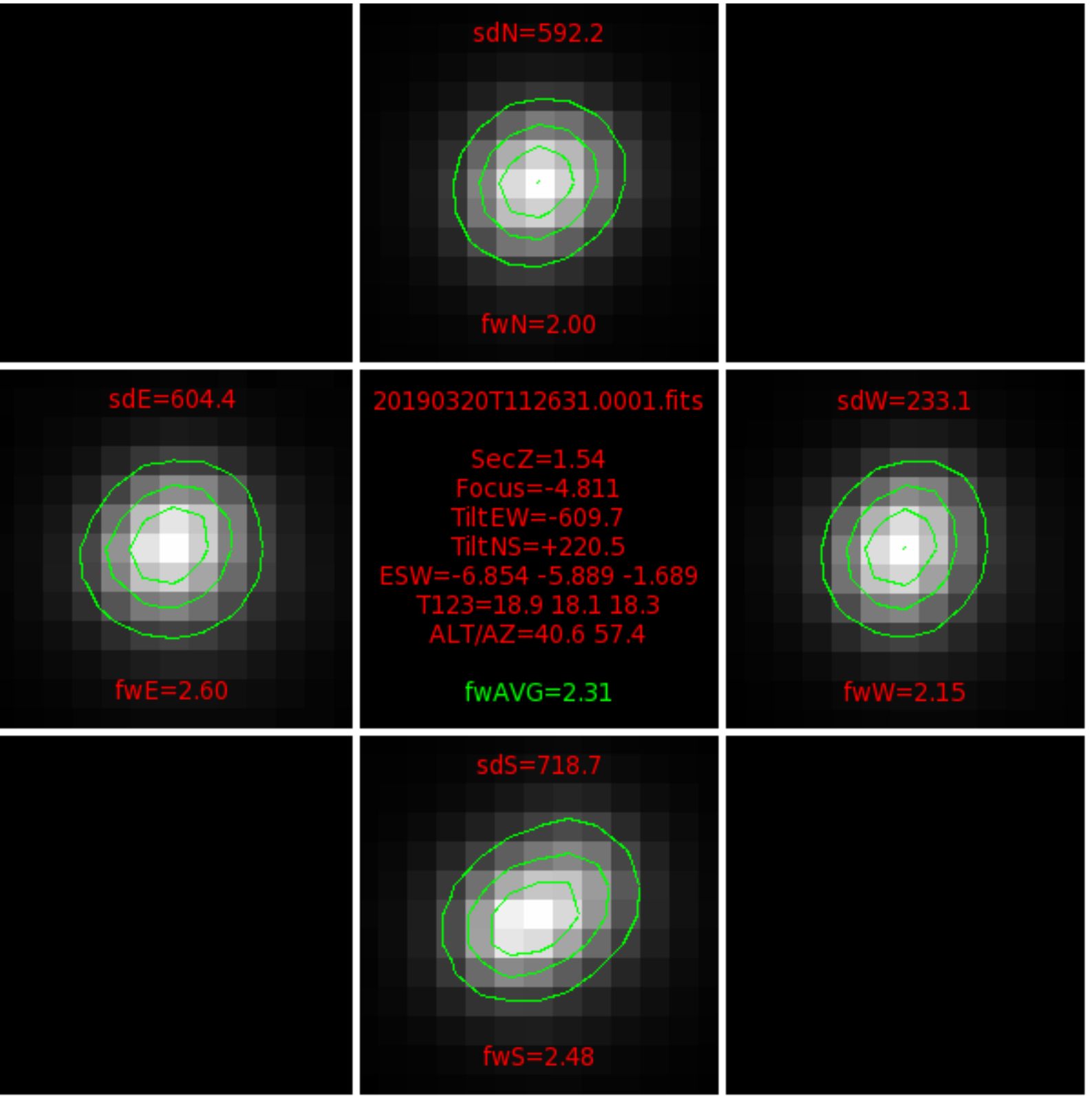
sdN=592.2
fwN=2.00
sdE=604.4
fwE=2.60
20190320T112631.0001.fits
SecZ=1.54
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.9 18.1 18.3
ALT/AZ=40.6 57.4
fwAVG=2.31
sdW=233.1
fwW=2.15
sdS=718.7
fwS=2.48
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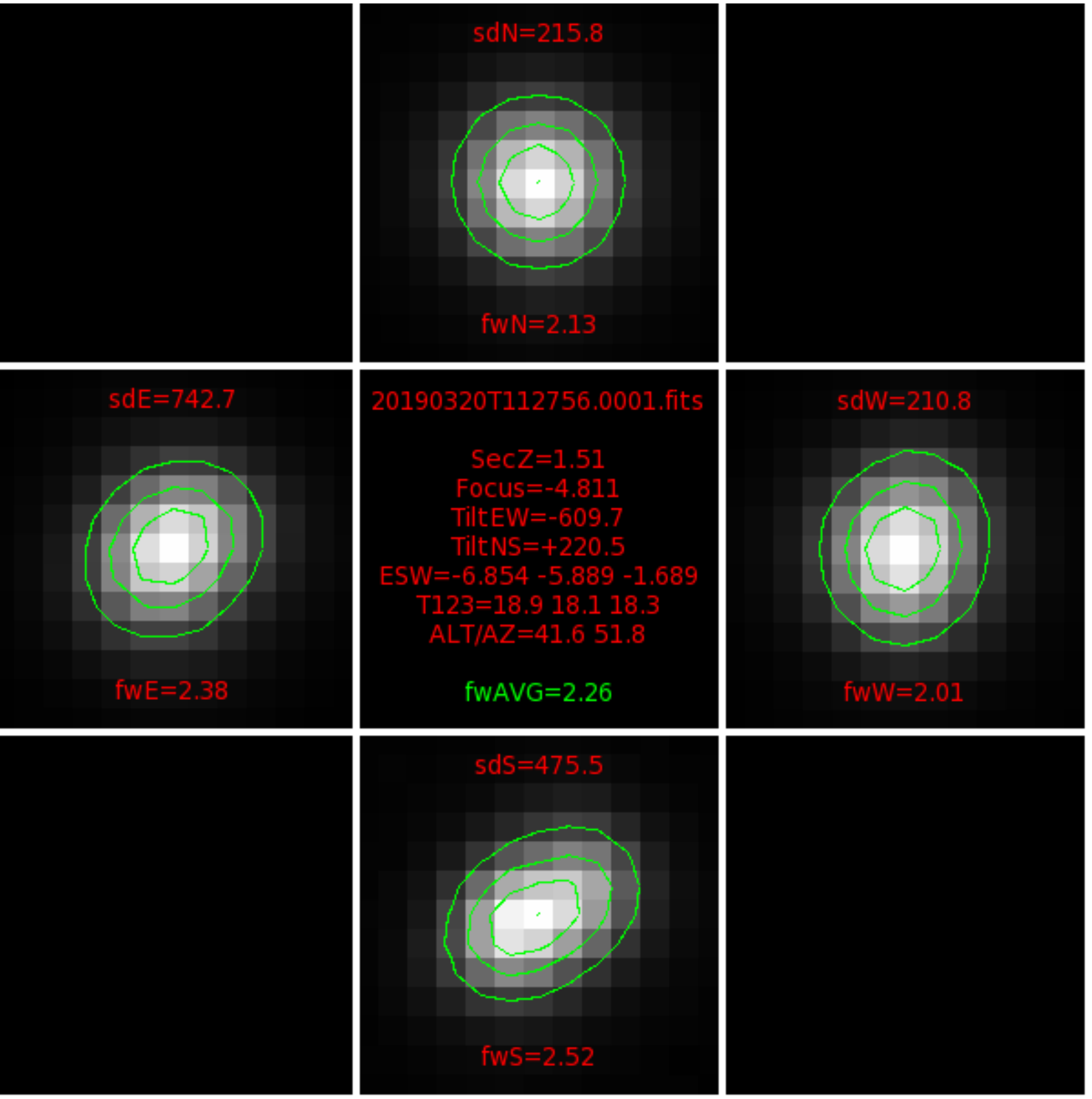
sdN=215.8
fwN=2.13
sdE=742.7
fwE=2.38
20190320T112756.0001.fits
SecZ=1.51
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.9 18.1 18.3
ALT/AZ=41.6 51.8
fwAVG=2.26
sdW=210.8
fwW=2.01
sdS=475.5
fwS=2.52
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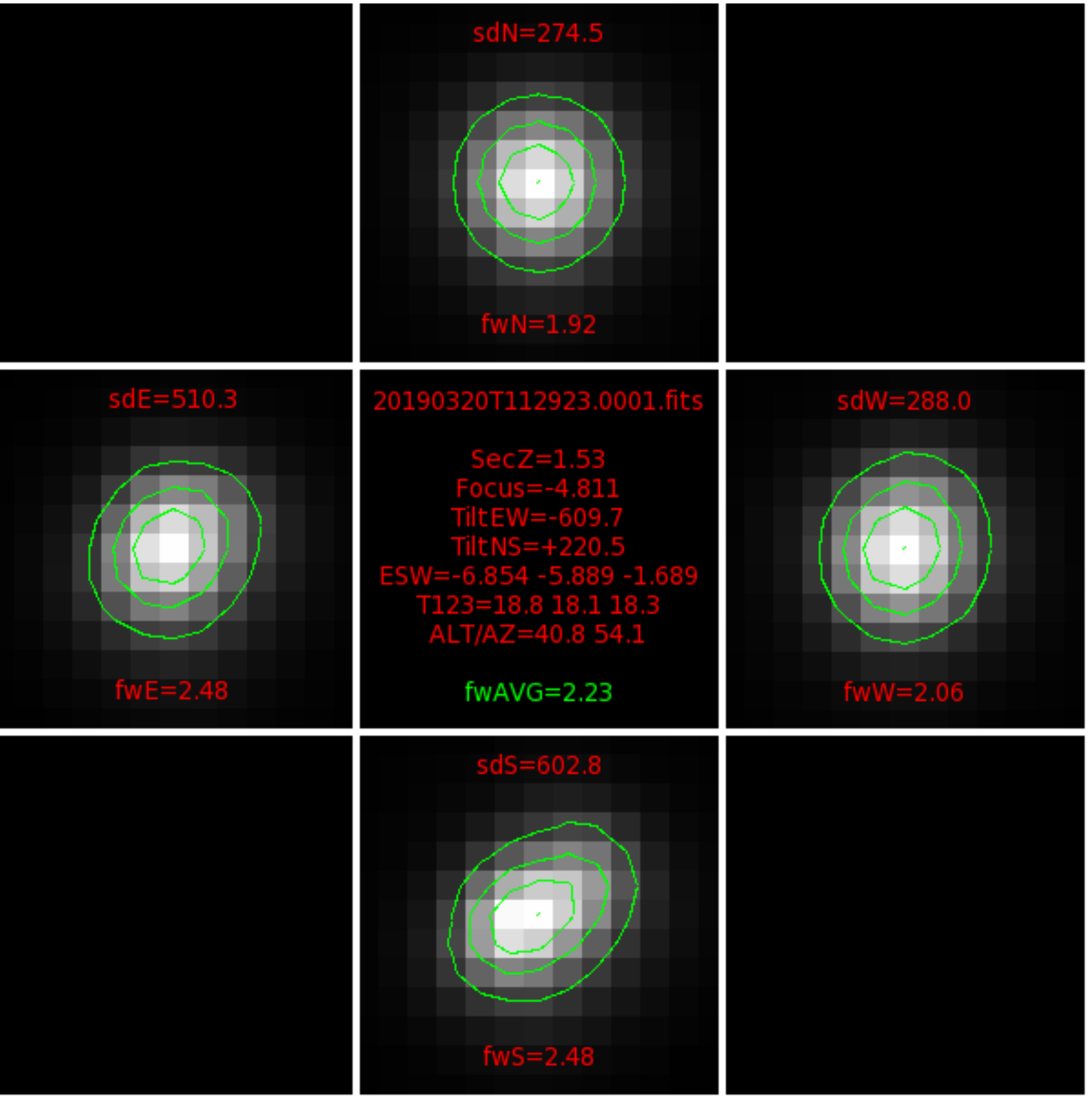
sdN=274.5
fwN=1.92
sdE=510.3
fwE=2.48
20190320T112923.0001.fits
SecZ=1.53
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.8 18.1 18.3
ALT/AZ=40.8 54.1
fwAVG=2.23
sdW=288.0
fwW=2.06
sdS=602.8
fwS=2.48
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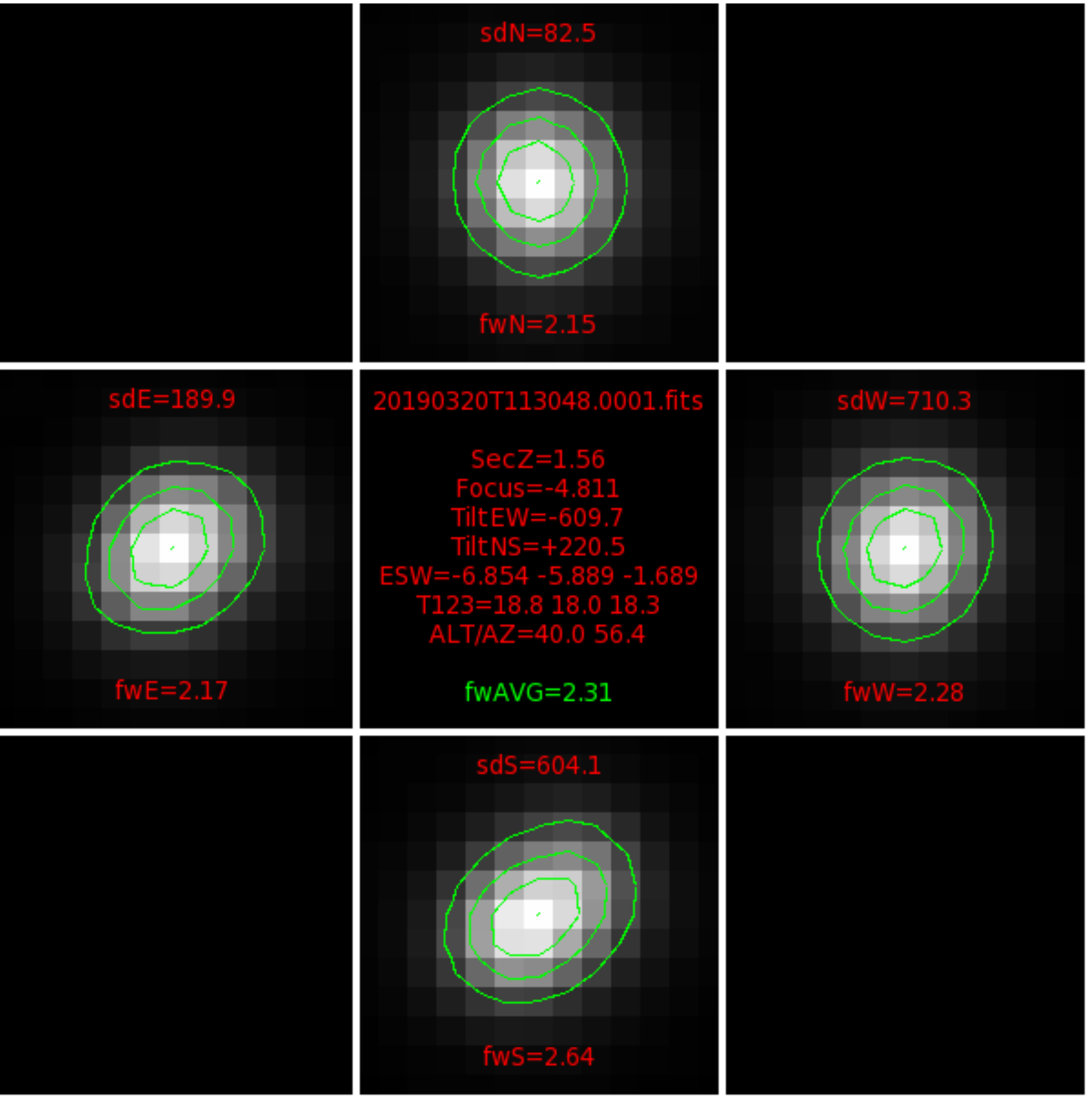
sdN=82.5
fwN=2.15
sdE=189.9
fwE=2.17
20190320T113048.0001.fits
SecZ=1.56
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.8 18.0 18.3
ALT/AZ=40.0 56.4
fwAVG=2.31
sdW=710.3
fwW=2.28
sdS=604.1
fwS=2.64
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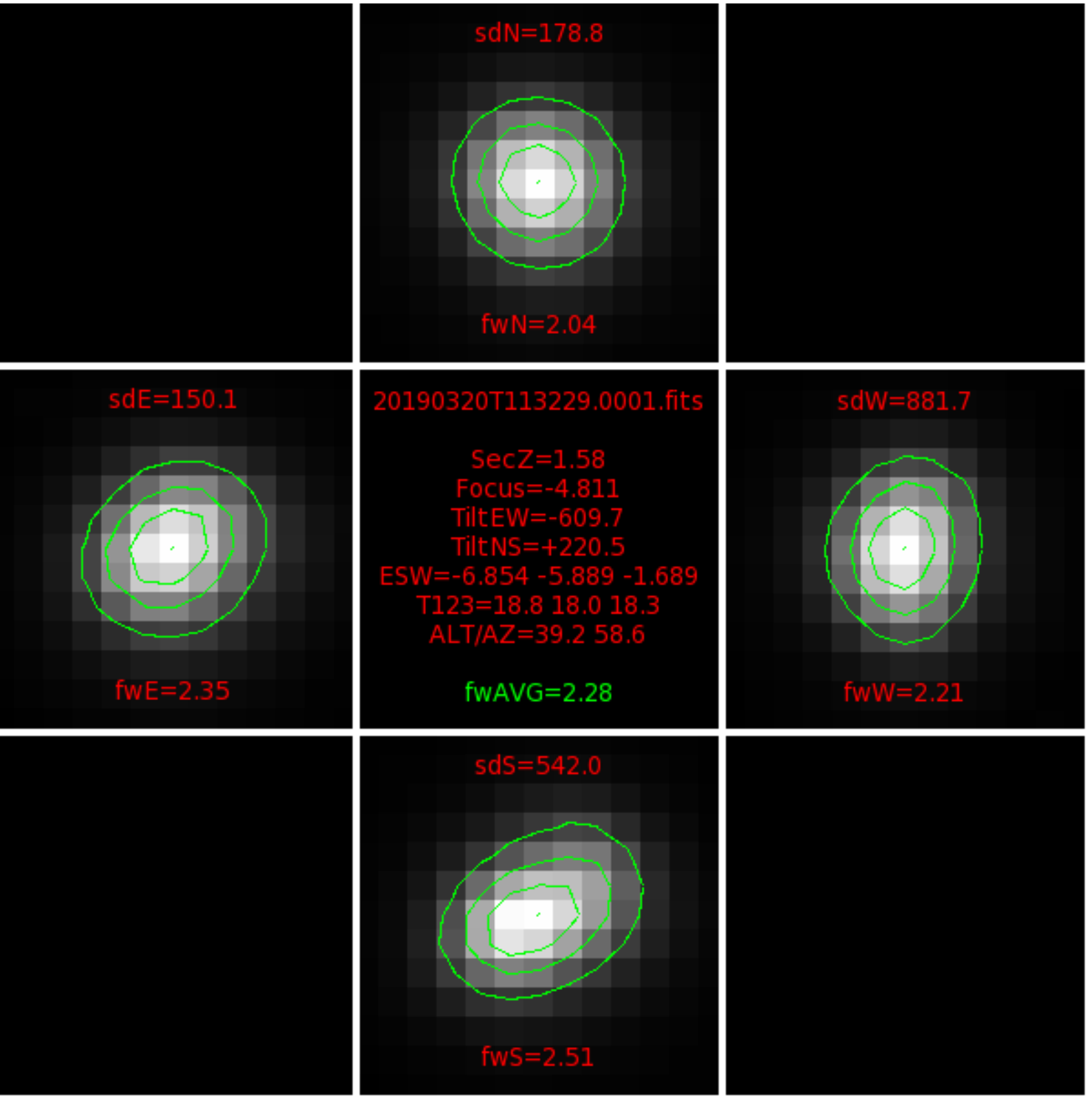
sdN=178.8
fwN=2.04
sdE=150.1
fwE=2.35
20190320T113229.0001.fits
SecZ=1.58
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.8 18.0 18.3
ALT/AZ=39.2 58.6
fwAVG=2.28
sdW=881.7
fwW=2.21
sdS=542.0
fwS=2.51
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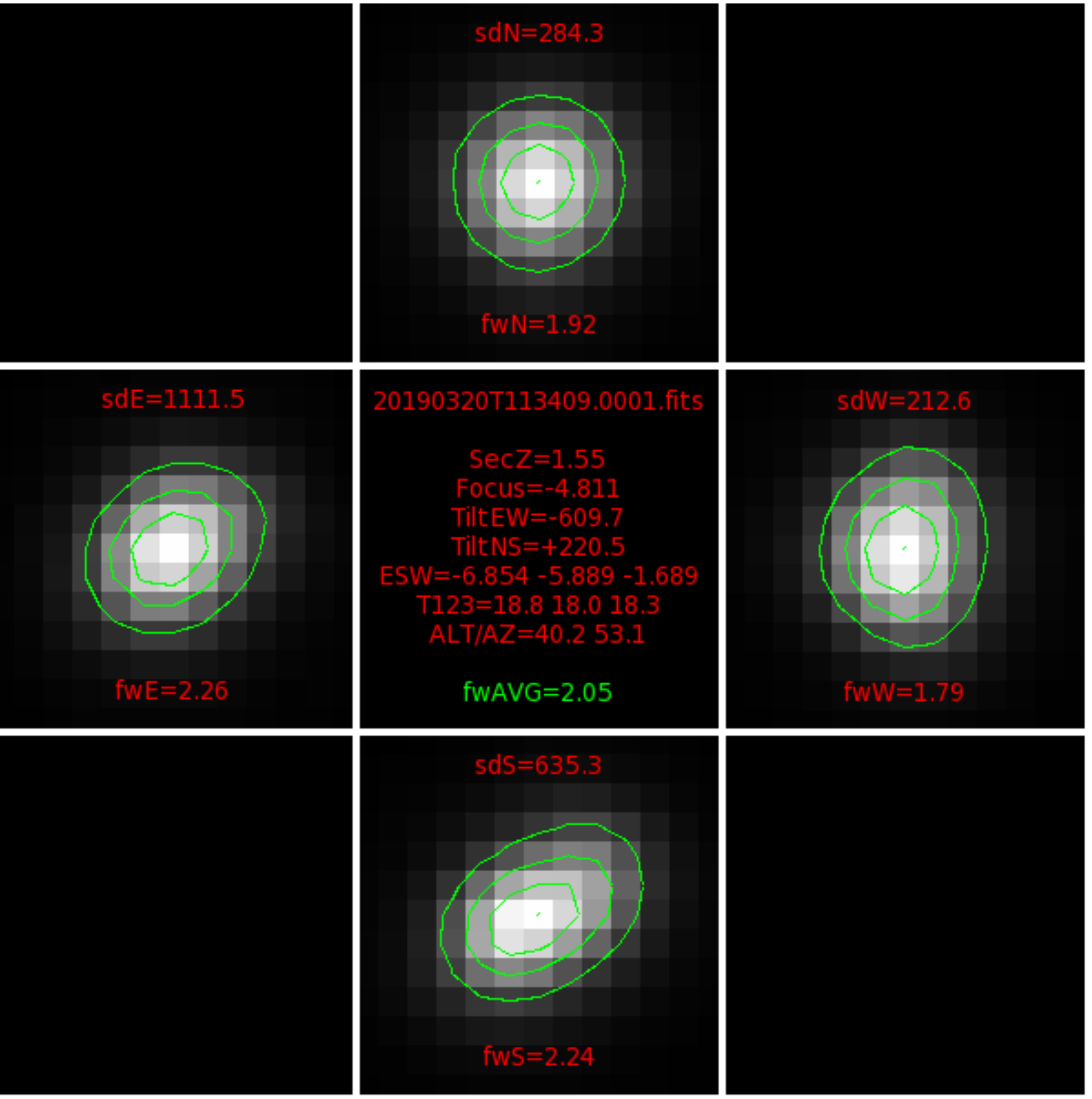
sdN=284.3
fwN=1.92
sdE=1111.5
fwE=2.26
20190320T113409.0001.fits
SecZ=1.55
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.8 18.0 18.3
ALT/AZ=40.2 53.1
fwAVG=2.05
sdW=212.6
fwW=1.79
sdS=635.3
fwS=2.24
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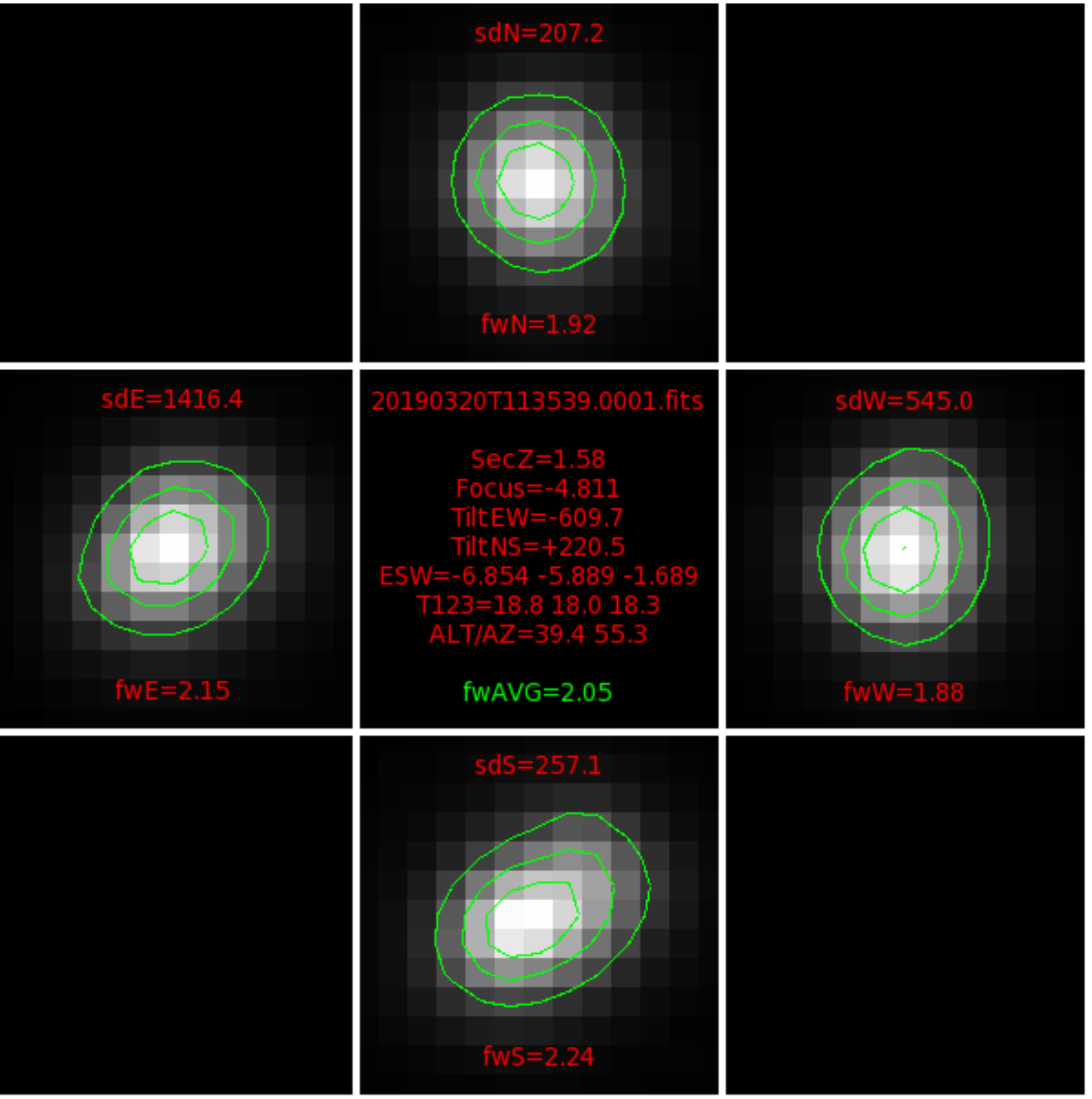
sdN=207.2
fwN=1.92
sdE=1416.4
fwE=2.15
20190320T113539.0001.fits
SecZ=1.58
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.8 18.0 18.3
ALT/AZ=39.4 55.3
fwAVG=2.05
sdW=545.0
fwW=1.88
sdS=257.1
fwS=2.24
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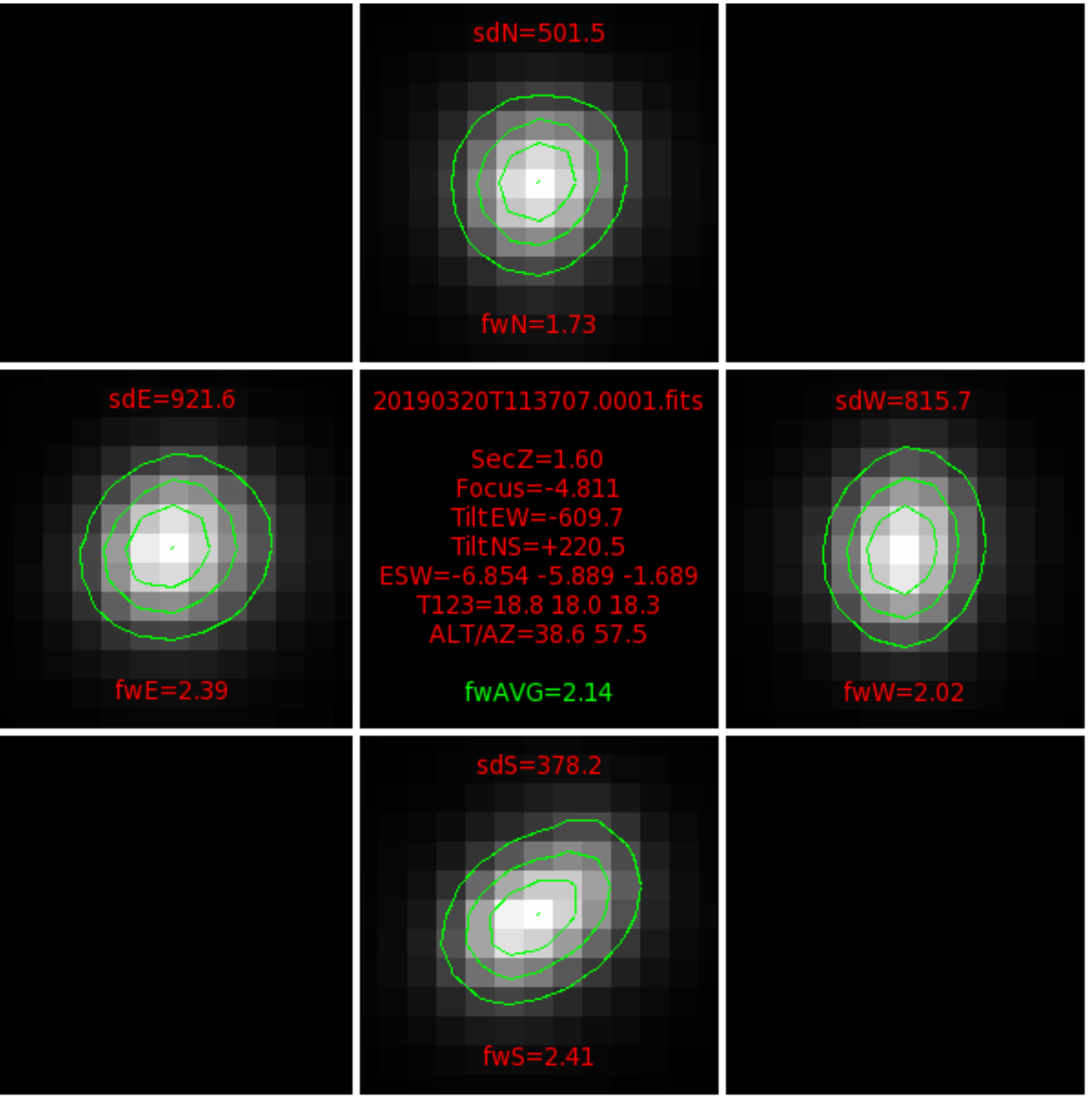
sdN=501.5
fwN=1.73
sdE=921.6
fwE=2.39
20190320T113707.0001.fits
SecZ=1.60
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.8 18.0 18.3
ALT/AZ=38.6 57.5
fwAVG=2.14
sdW=815.7
fwW=2.02
sdS=378.2
fwS=2.41
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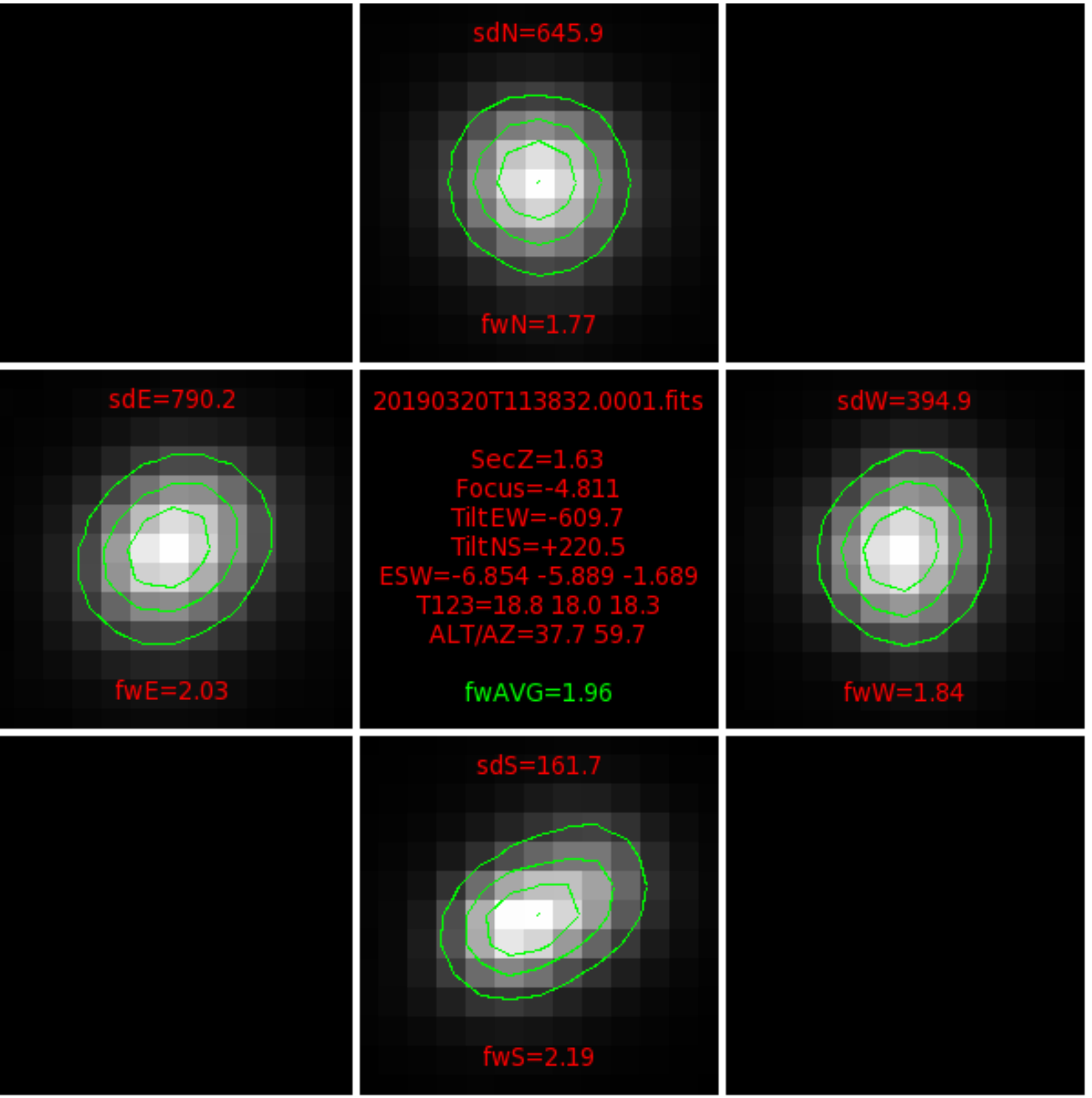
sdN=645.9
fwN=1.77
sdE=790.2
fwE=2.03
20190320T113832.0001.fits
SecZ=1.63
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.8 18.0 18.3
ALT/AZ=37.7 59.7
fwAVG=1.96
sdW=394.9
fwW=1.84
sdS=161.7
fwS=2.19
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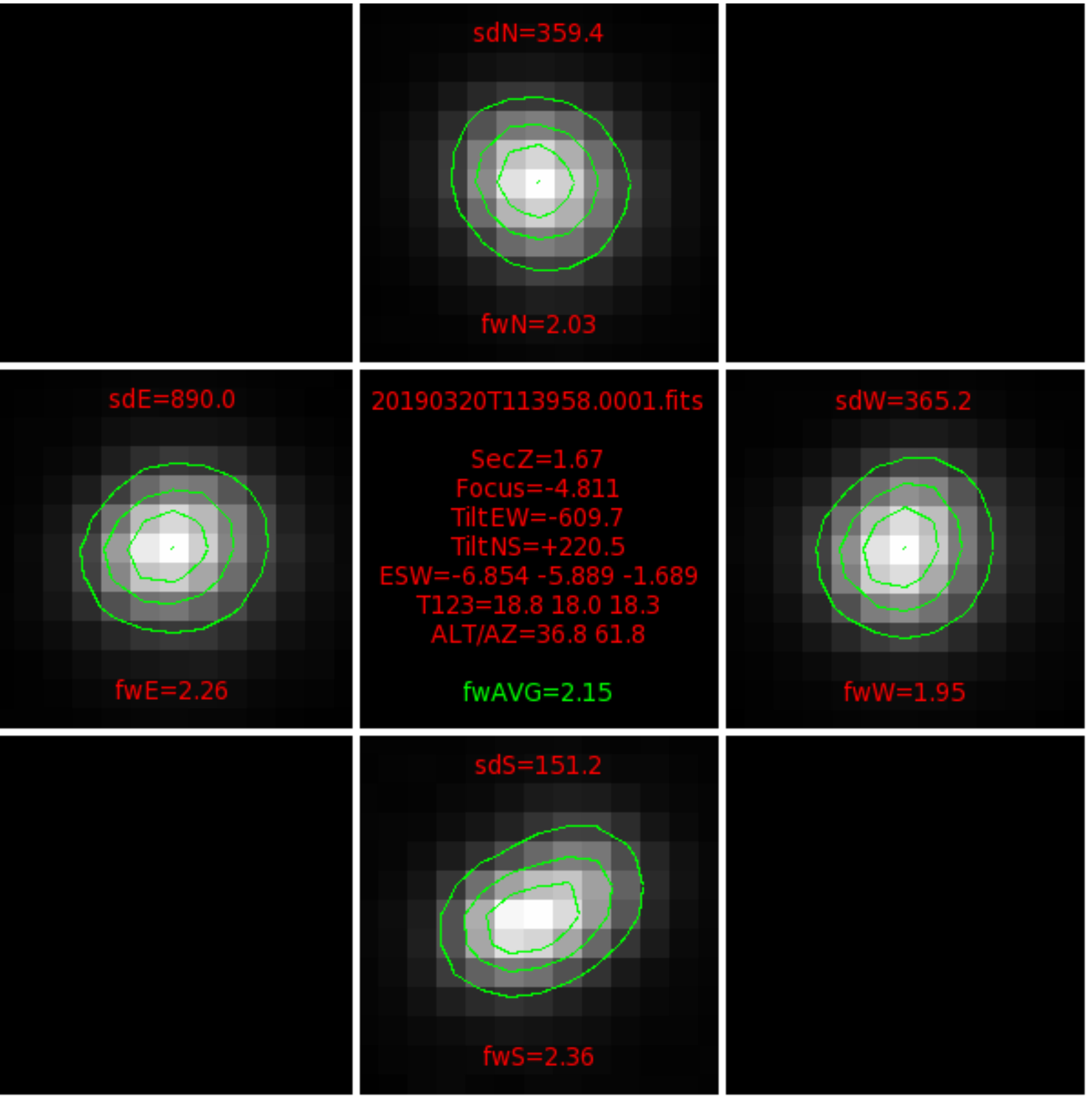
sdN=359.4
fwN=2.03
sdE=890.0
fwE=2.26
20190320T113958.0001.fits
SecZ=1.67
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.8 18.0 18.3
ALT/AZ=36.8 61.8
fwAVG=2.15
sdW=365.2
fwW=1.95
sdS=151.2
fwS=2.36
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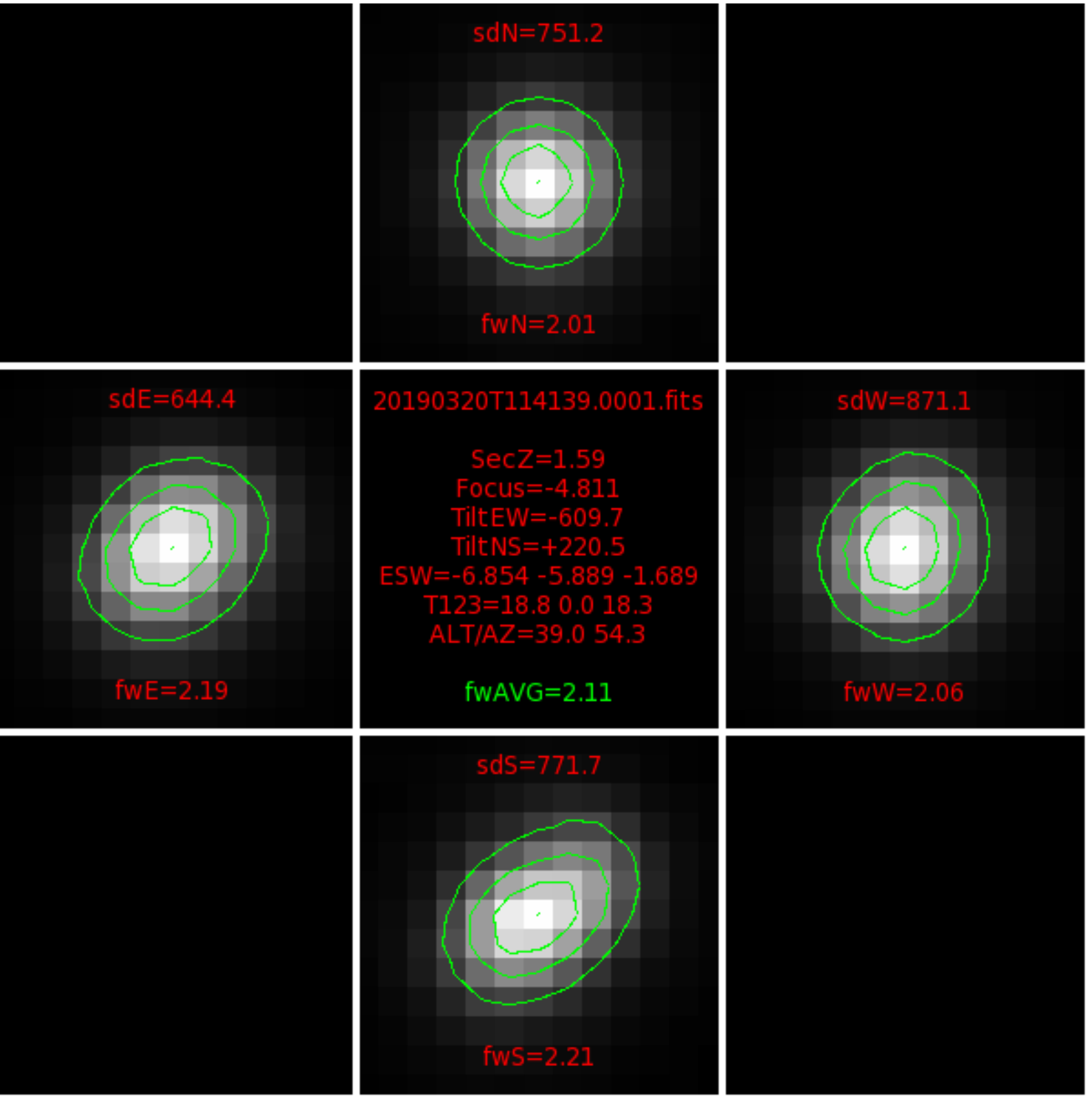
sdN=751.2
fwN=2.01
sdE=644.4
fwE=2.19
20190320T114139.0001.fits
SecZ=1.59
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.8 0.0 18.3
ALT/AZ=39.0 54.3
fwAVG=2.11
sdW=871.1
fwW=2.06
sdS=771.7
fwS=2.21
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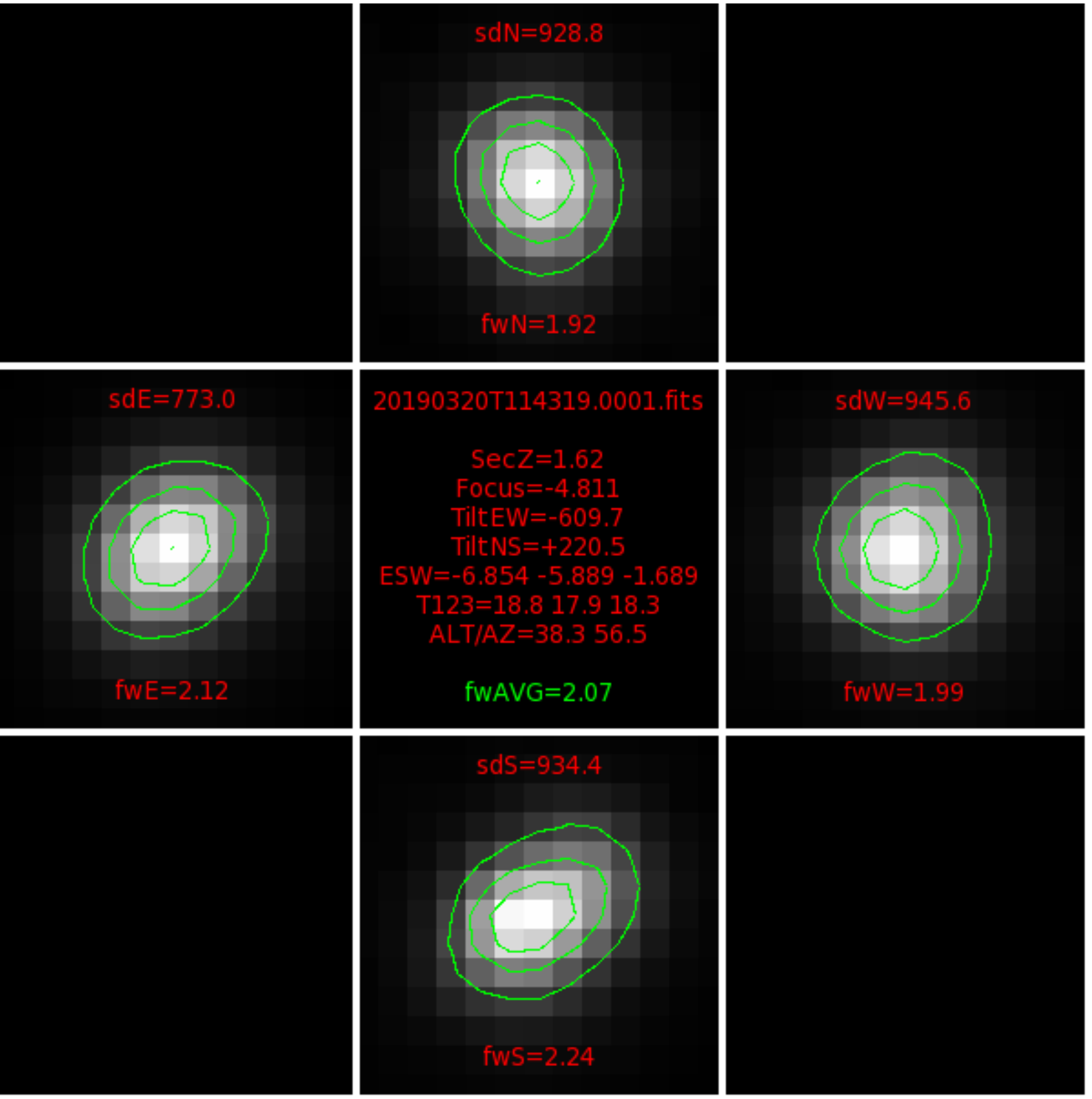
sdN=928.8
fwN=1.92
sdE=773.0
fwE=2.12
20190320T114319.0001.fits
SecZ=1.62
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.8 17.9 18.3
ALT/AZ=38.3 56.5
fwAVG=2.07
sdW=945.6
fwW=1.99
sdS=934.4
fwS=2.24
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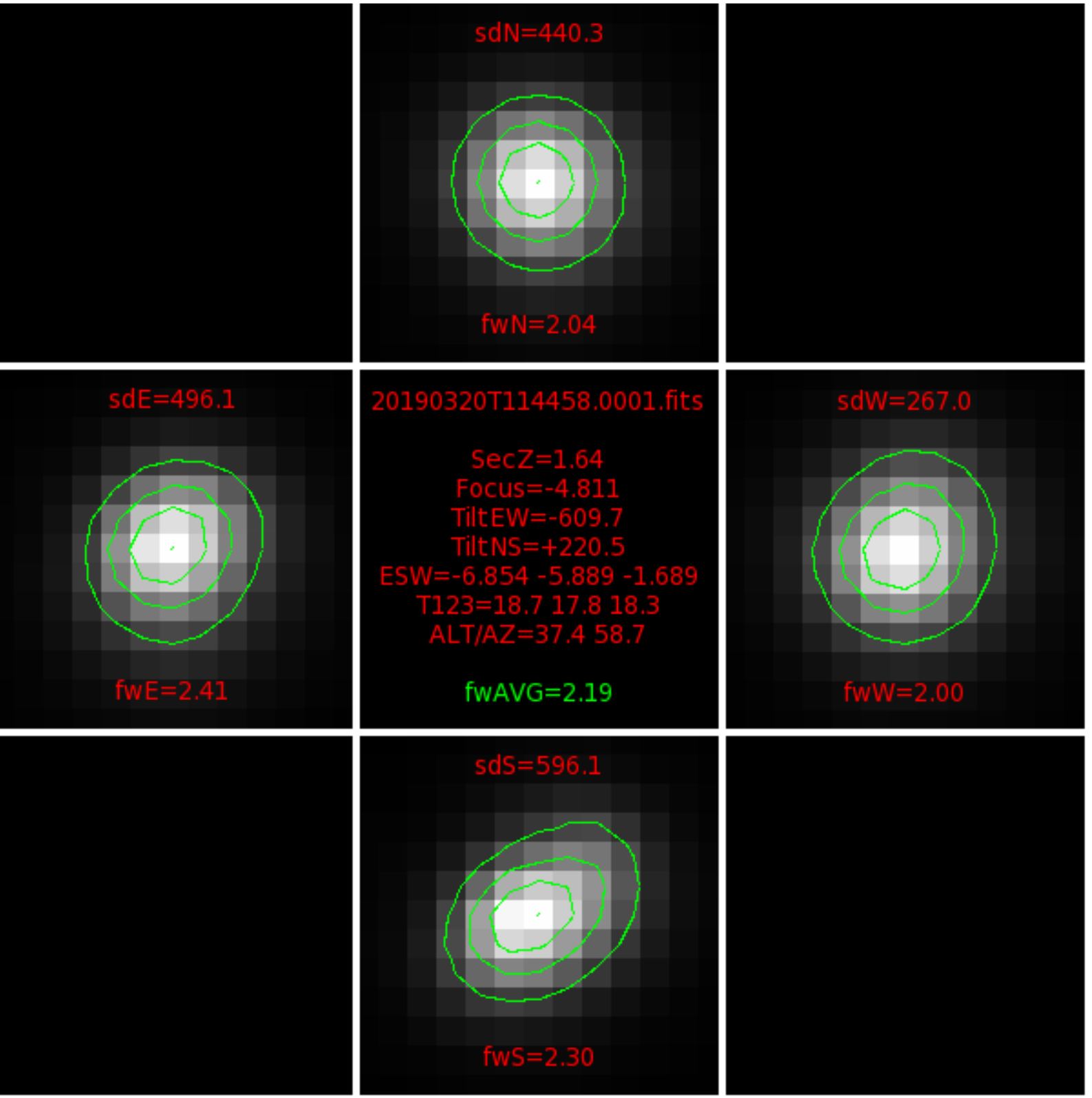
sdN=440.3
fwN=2.04
sdE=496.1
fwE=2.41
20190320T114458.0001.fits
SecZ=1.64
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.7 17.8 18.3
ALT/AZ=37.4 58.7
fwAVG=2.19
sdW=267.0
fwW=2.00
sdS=596.1
fwS=2.30
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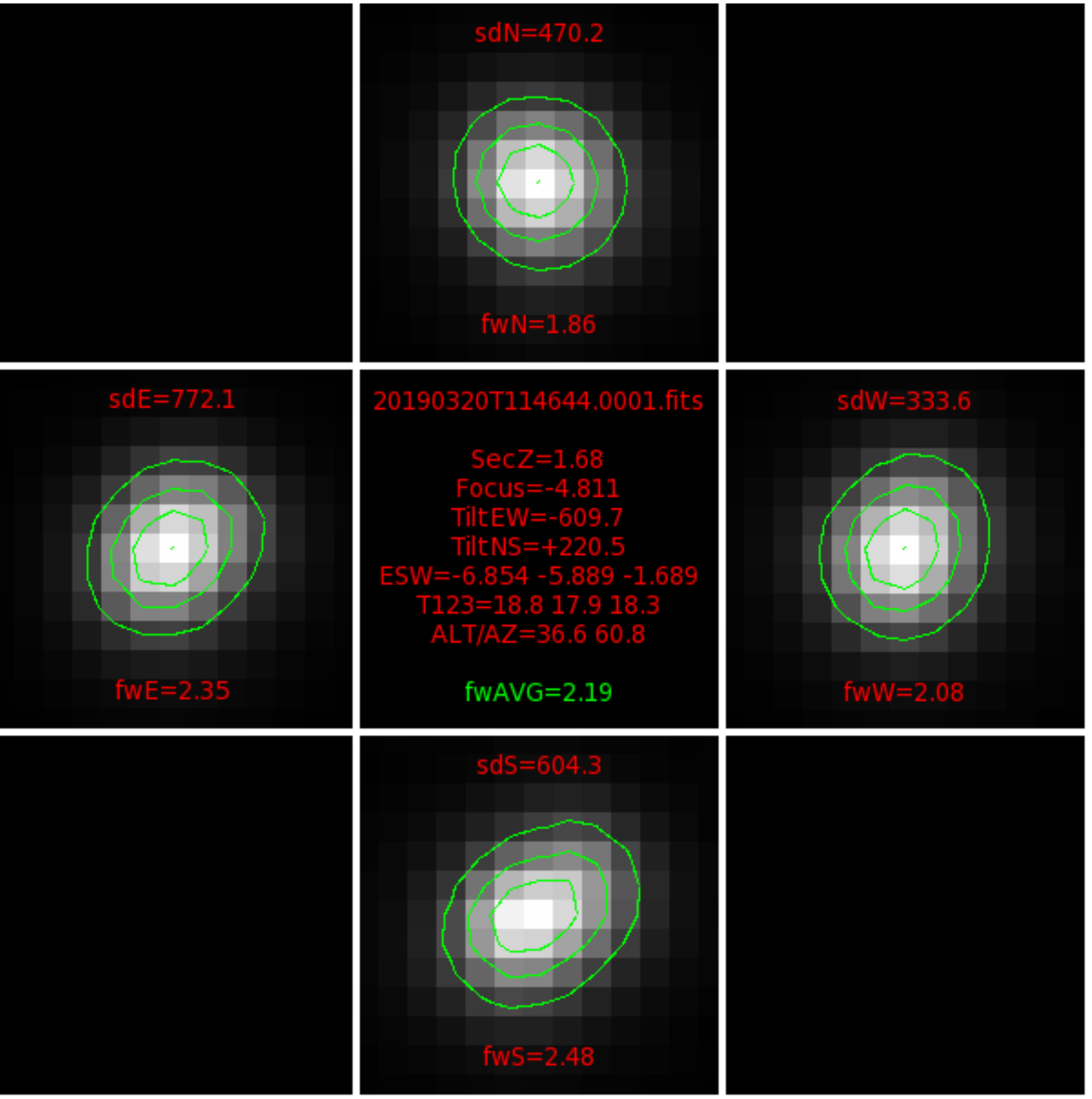
sdN=470.2
fwN=1.86
sdE=772.1
fwE=2.35
20190320T114644.0001.fits
SecZ=1.68
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.8 17.9 18.3
ALT/AZ=36.6 60.8
fwAVG=2.19
sdW=333.6
fwW=2.08
sdS=604.3
fwS=2.48
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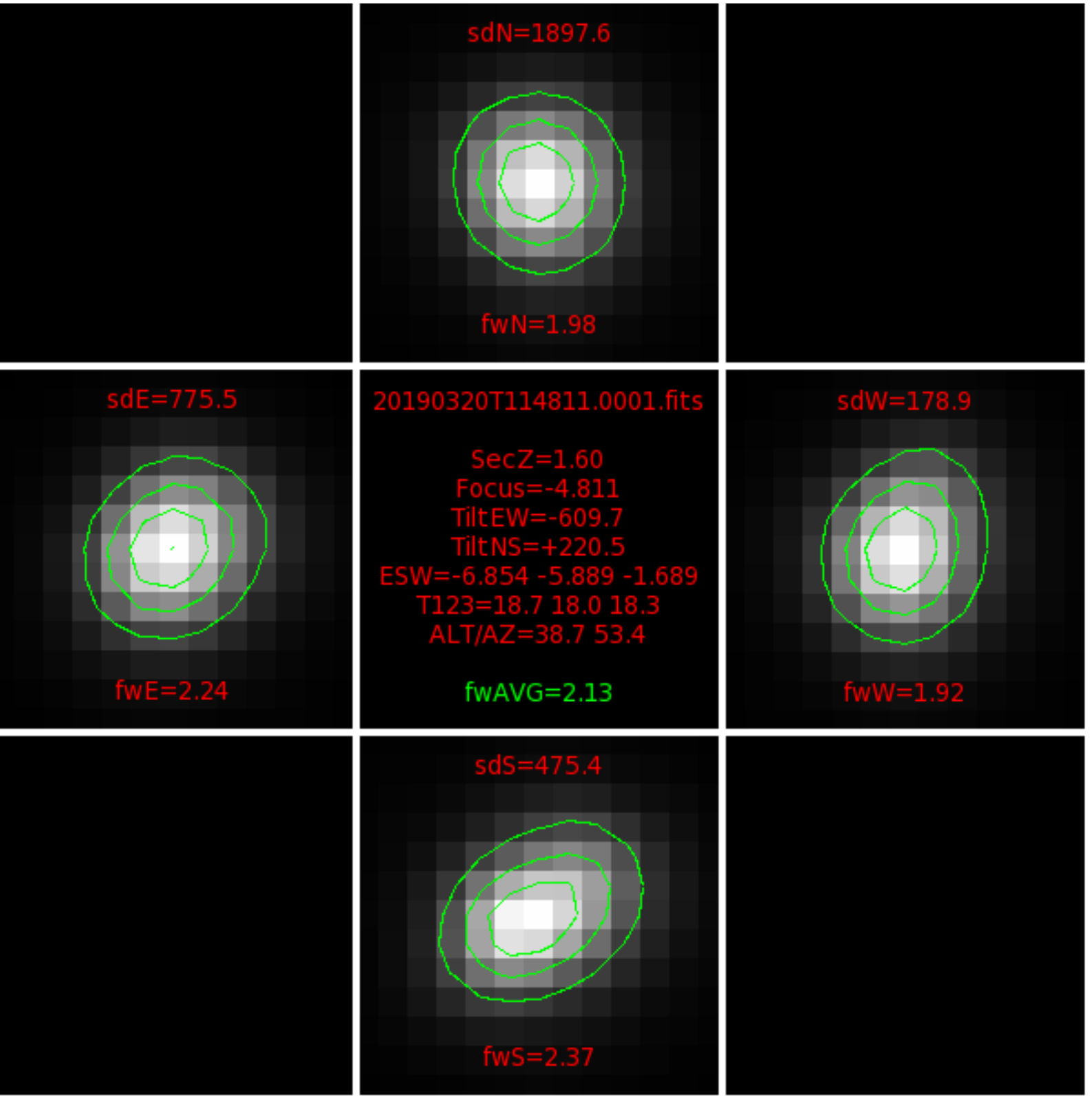
sdN=1897.6
fwN=1.98
sdE=775.5
fwE=2.24
20190320T114811.0001.fits
SecZ=1.60
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.7 18.0 18.3
ALT/AZ=38.7 53.4
fwAVG=2.13
sdW=178.9
fwW=1.92
sdS=475.4
fwS=2.37
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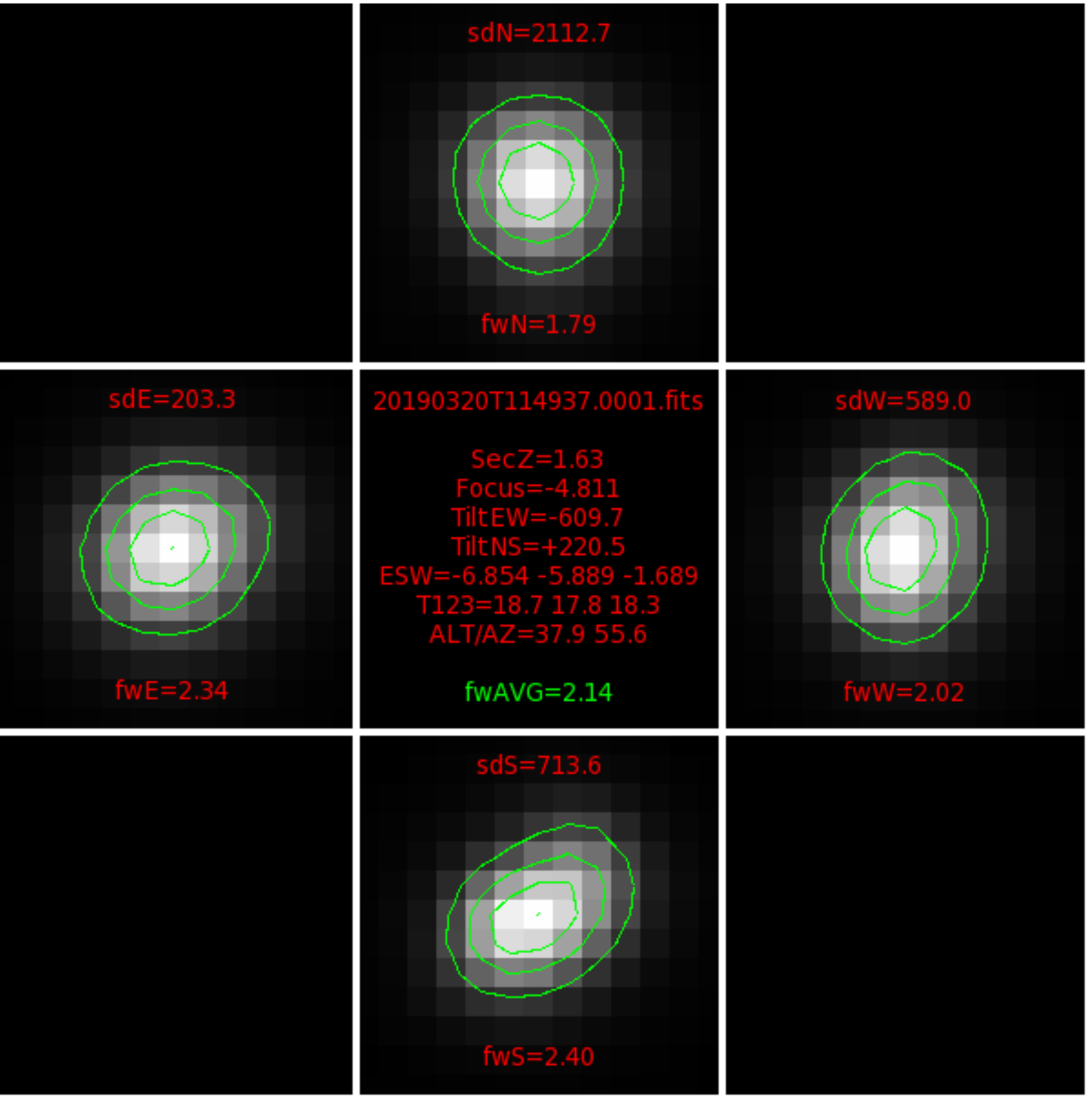
sdN=2112.7
fwN=1.79
sdE=203.3
fwE=2.34
20190320T114937.0001.fits
SecZ=1.63
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.7 17.8 18.3
ALT/AZ=37.9 55.6
fwAVG=2.14
sdW=589.0
fwW=2.02
sdS=713.6
fwS=2.40
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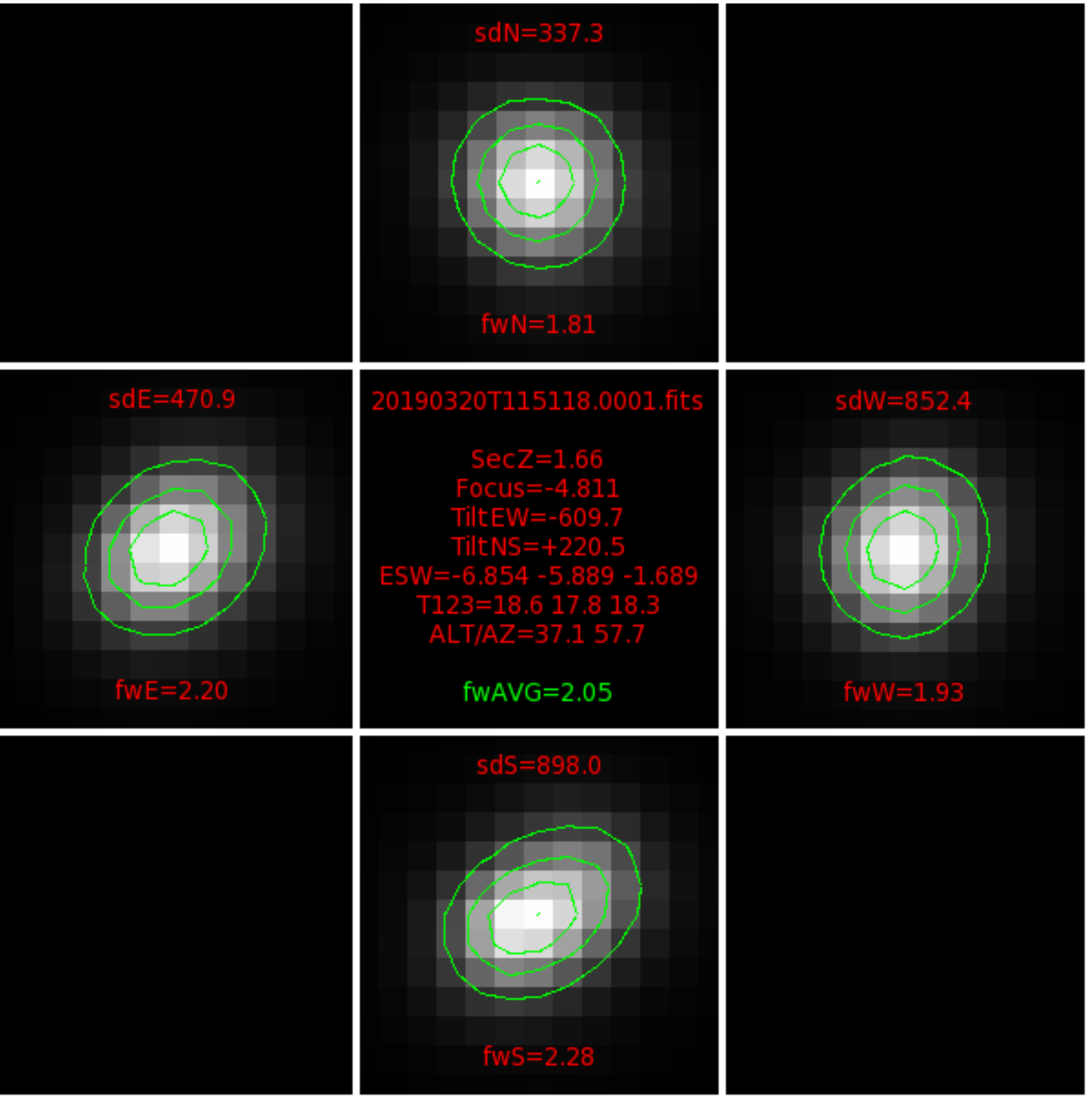
sdN=337.3
fwN=1.81
sdE=470.9
fwE=2.20
20190320T115118.0001.fits
SecZ=1.66
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.6 17.8 18.3
ALT/AZ=37.1 57.7
fwAVG=2.05
sdW=852.4
fwW=1.93
sdS=898.0
fwS=2.28
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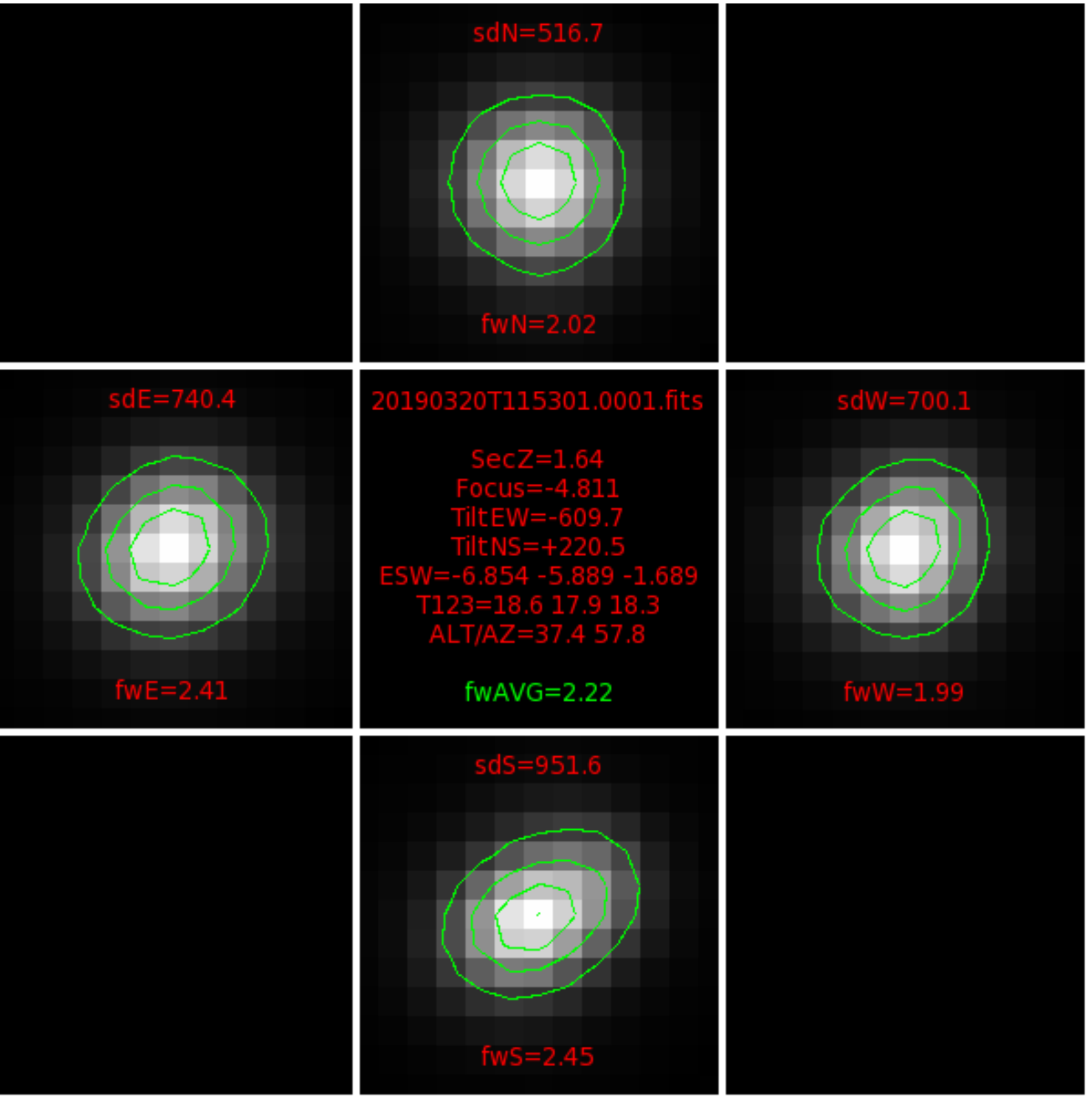
sdN=516.7
fwN=2.02
sdE=740.4
fwE=2.41
20190320T115301.0001.fits
SecZ=1.64
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.6 17.9 18.3
ALT/AZ=37.4 57.8
fwAVG=2.22
sdW=700.1
fwW=1.99
sdS=951.6
fwS=2.45
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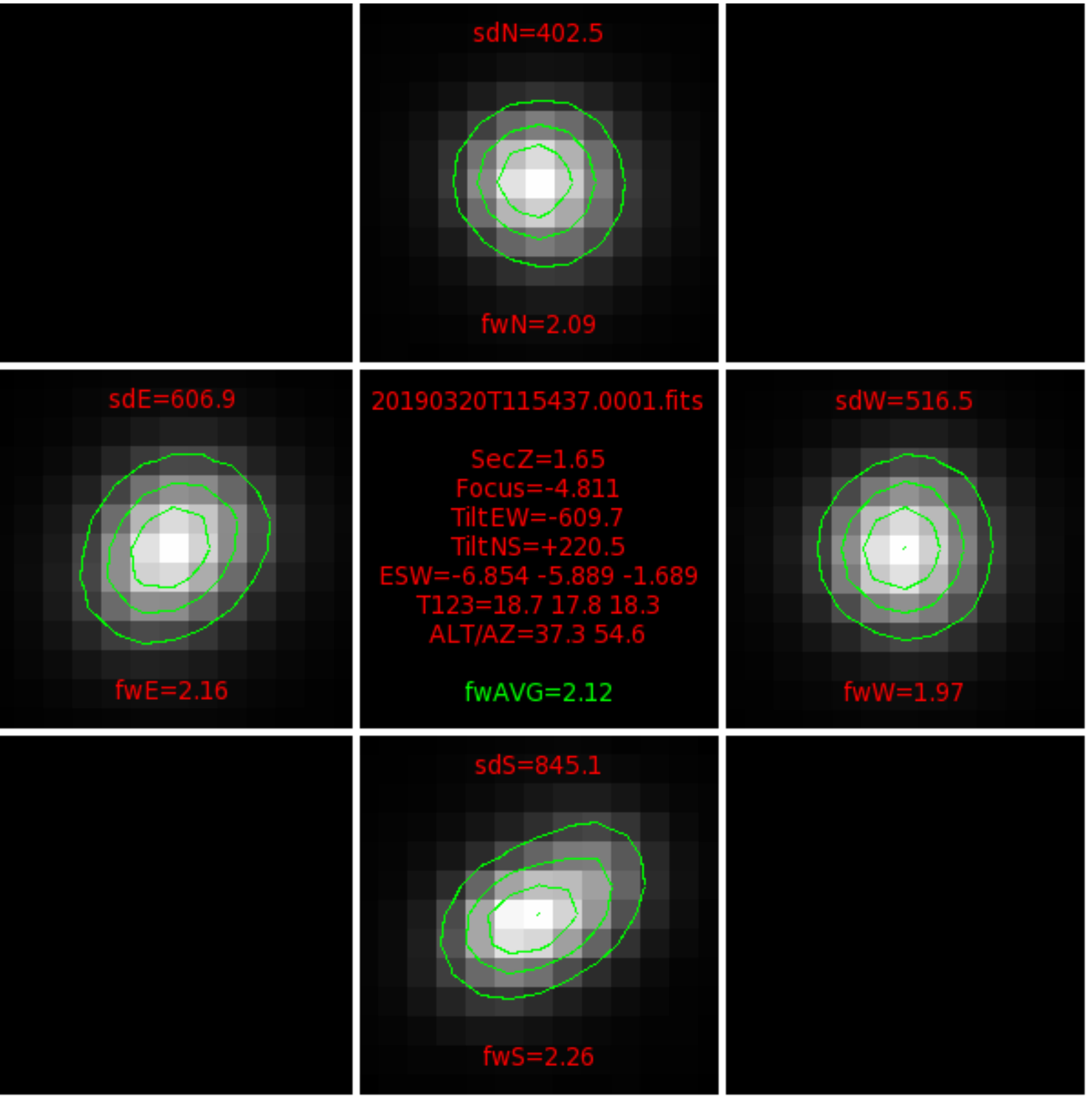
sdN=402.5
fwN=2.09
sdE=606.9
fwE=2.16
20190320T115437.0001.fits
SecZ=1.65
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.7 17.8 18.3
ALT/AZ=37.3 54.6
fwAVG=2.12
sdW=516.5
fwW=1.97
sdS=845.1
fwS=2.26
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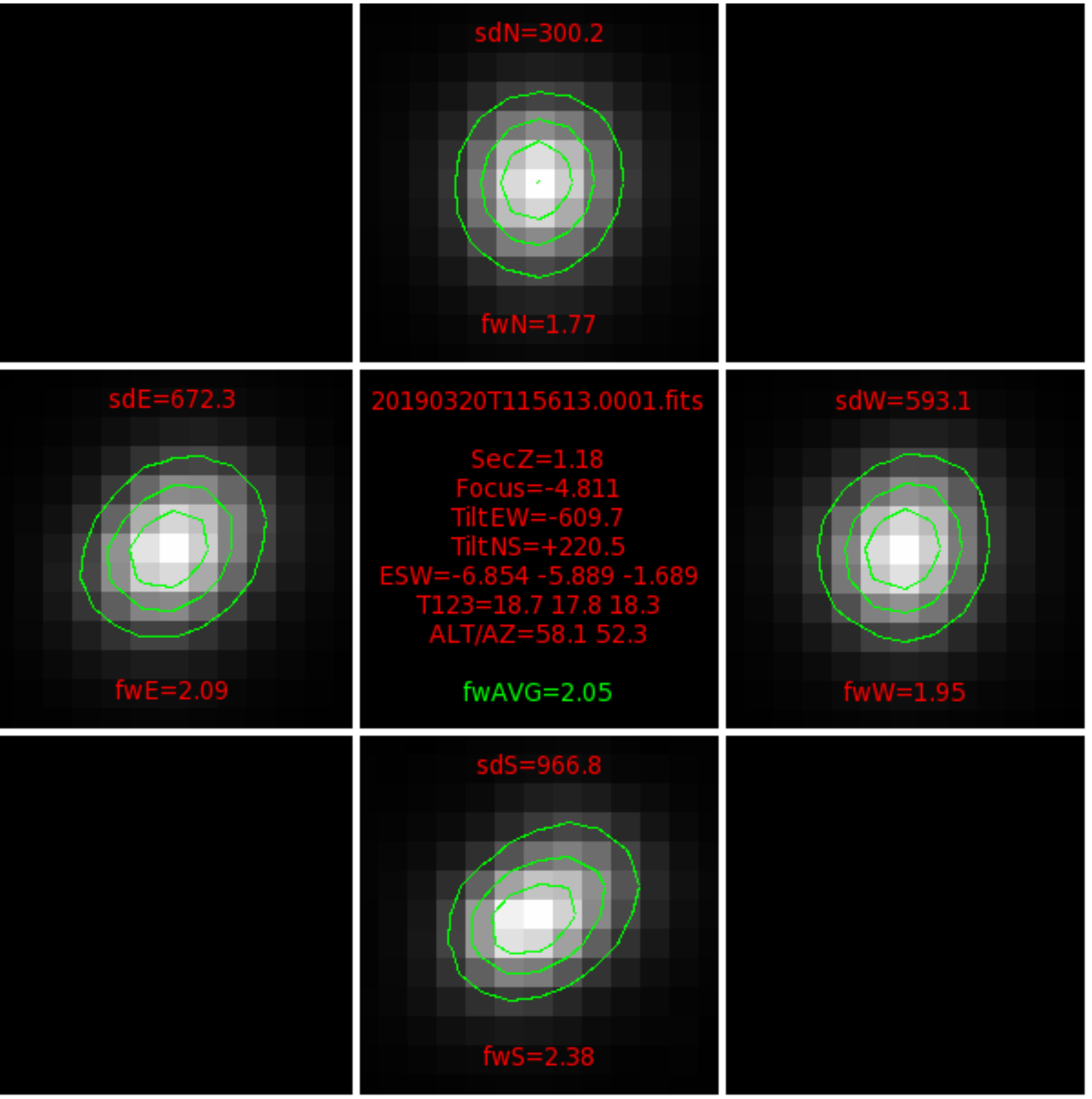
sdN=300.2
fwN=1.77
sdE=672.3
fwE=2.09
20190320T115613.0001.fits
SecZ=1.18
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.7 17.8 18.3
ALT/AZ=58.1 52.3
fwAVG=2.05
sdW=593.1
fwW=1.95
sdS=966.8
fwS=2.38
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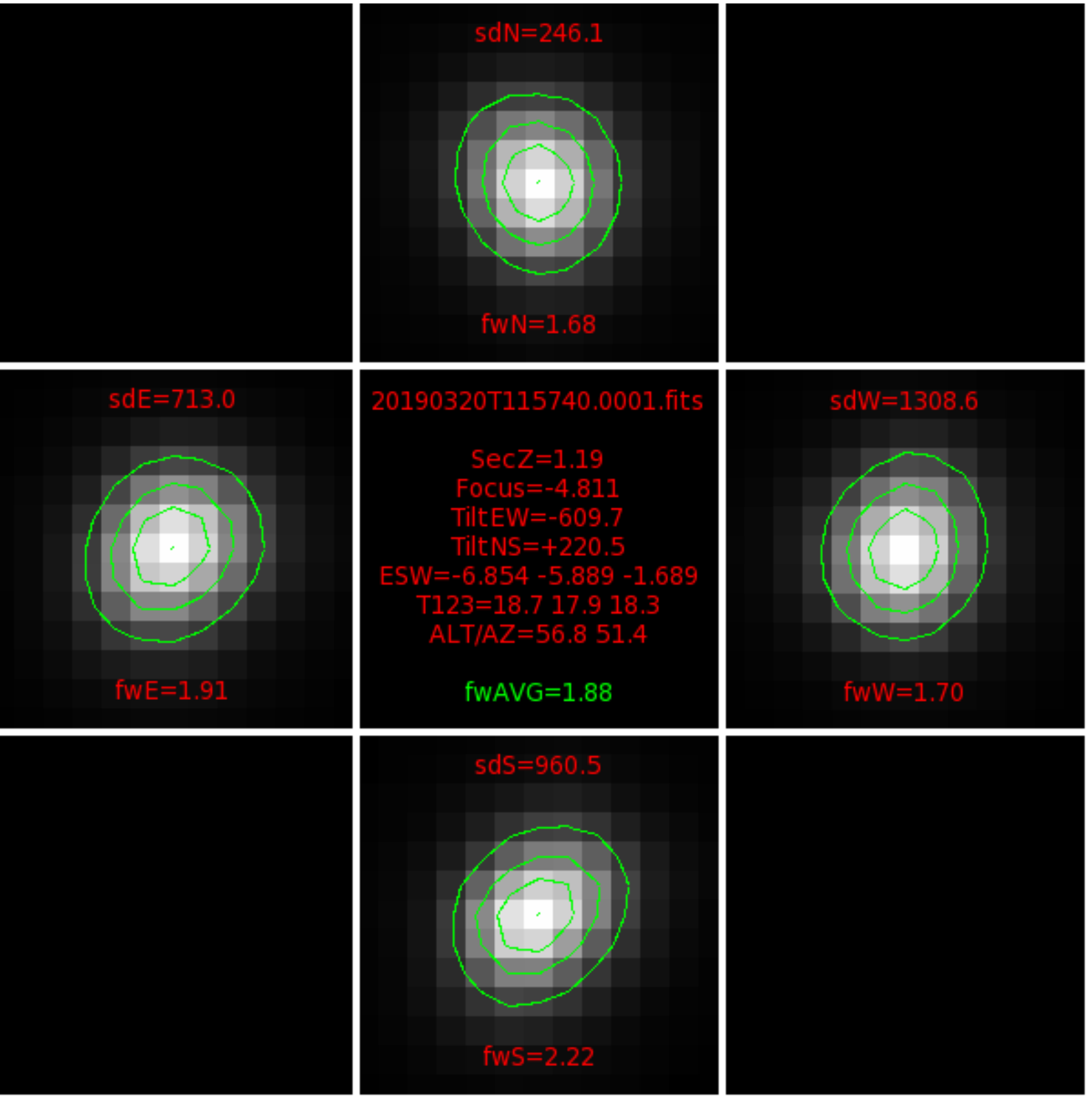
sdN=246.1
fwN=1.68
sdE=713.0
fwE=1.91
20190320T115740.0001.fits
SecZ=1.19
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.7 17.9 18.3
ALT/AZ=56.8 51.4
fwAVG=1.88
sdW=1308.6
fwW=1.70
sdS=960.5
fwS=2.22
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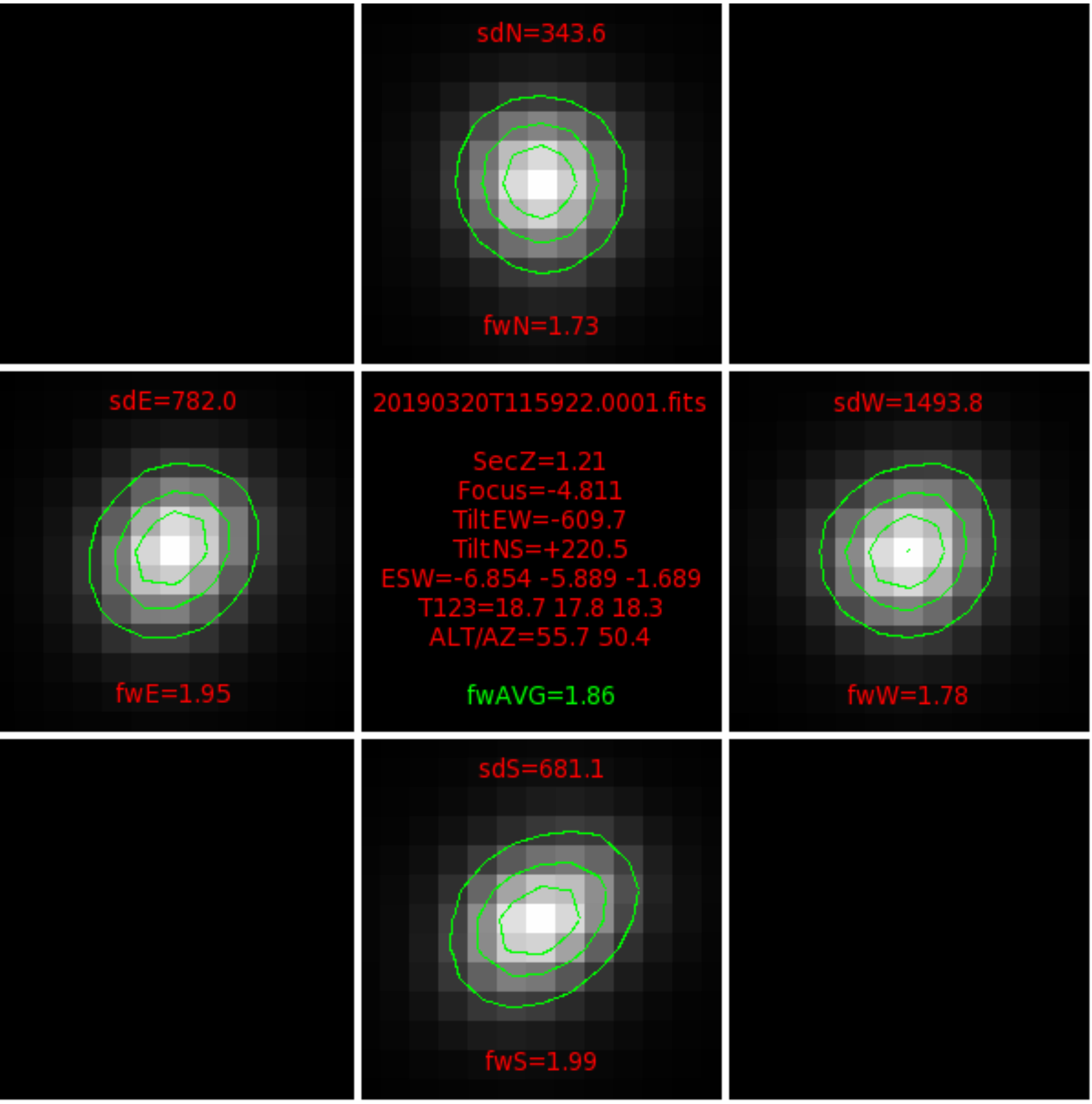
sdN=343.6
fwN=1.73
sdE=782.0
fwE=1.95
20190320T115922.0001.fits
SecZ=1.21
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.7 17.8 18.3
ALT/AZ=55.7 50.4
fwAVG=1.86
sdW=1493.8
fwW=1.78
sdS=681.1
fwS=1.99
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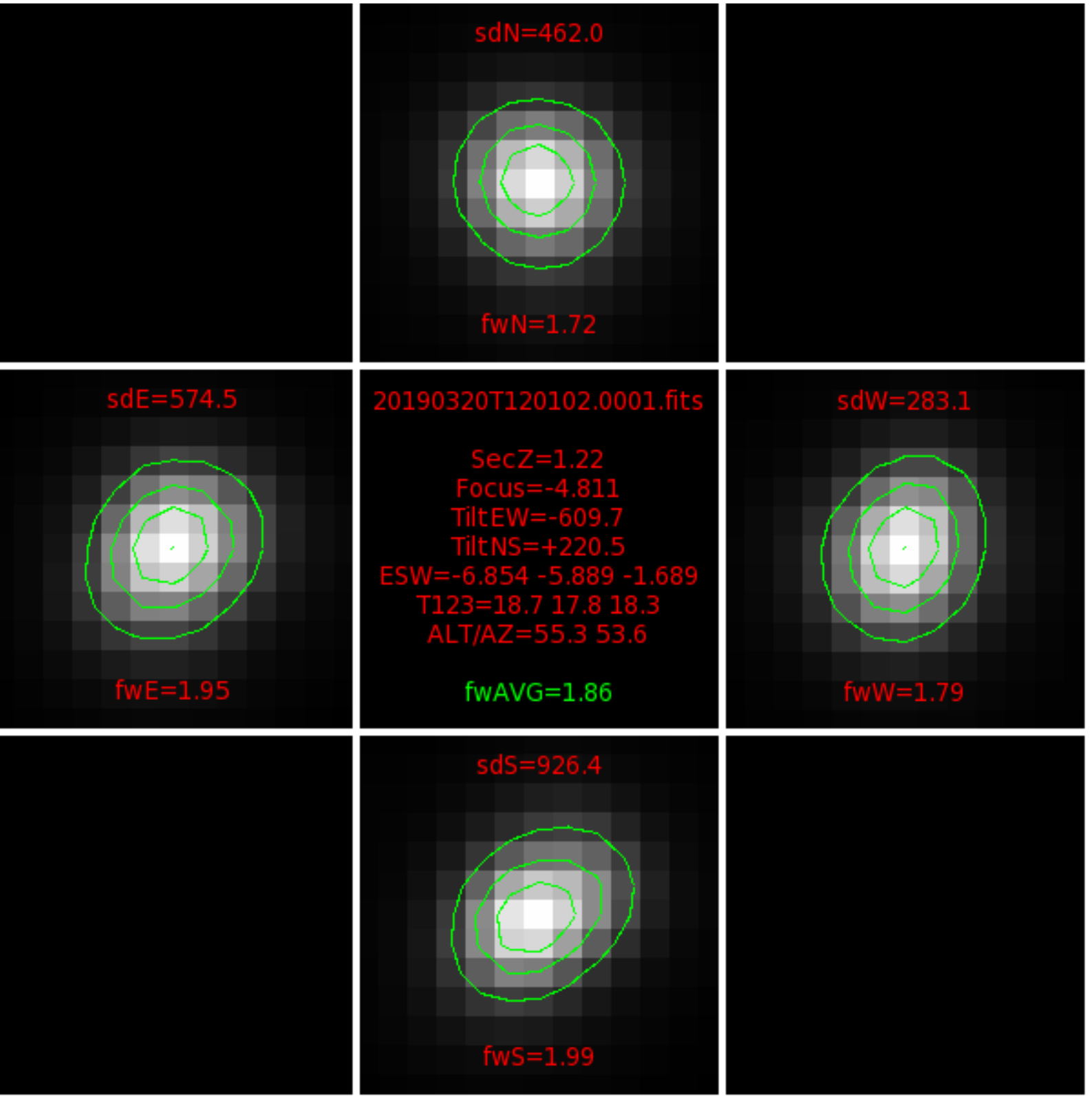
sdN=462.0
fwN=1.72
sdE=574.5
fwE=1.95
20190320T120102.0001.fits
SecZ=1.22
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.7 17.8 18.3
ALT/AZ=55.3 53.6
fwAVG=1.86
sdW=283.1
fwW=1.79
sdS=926.4
fwS=1.99
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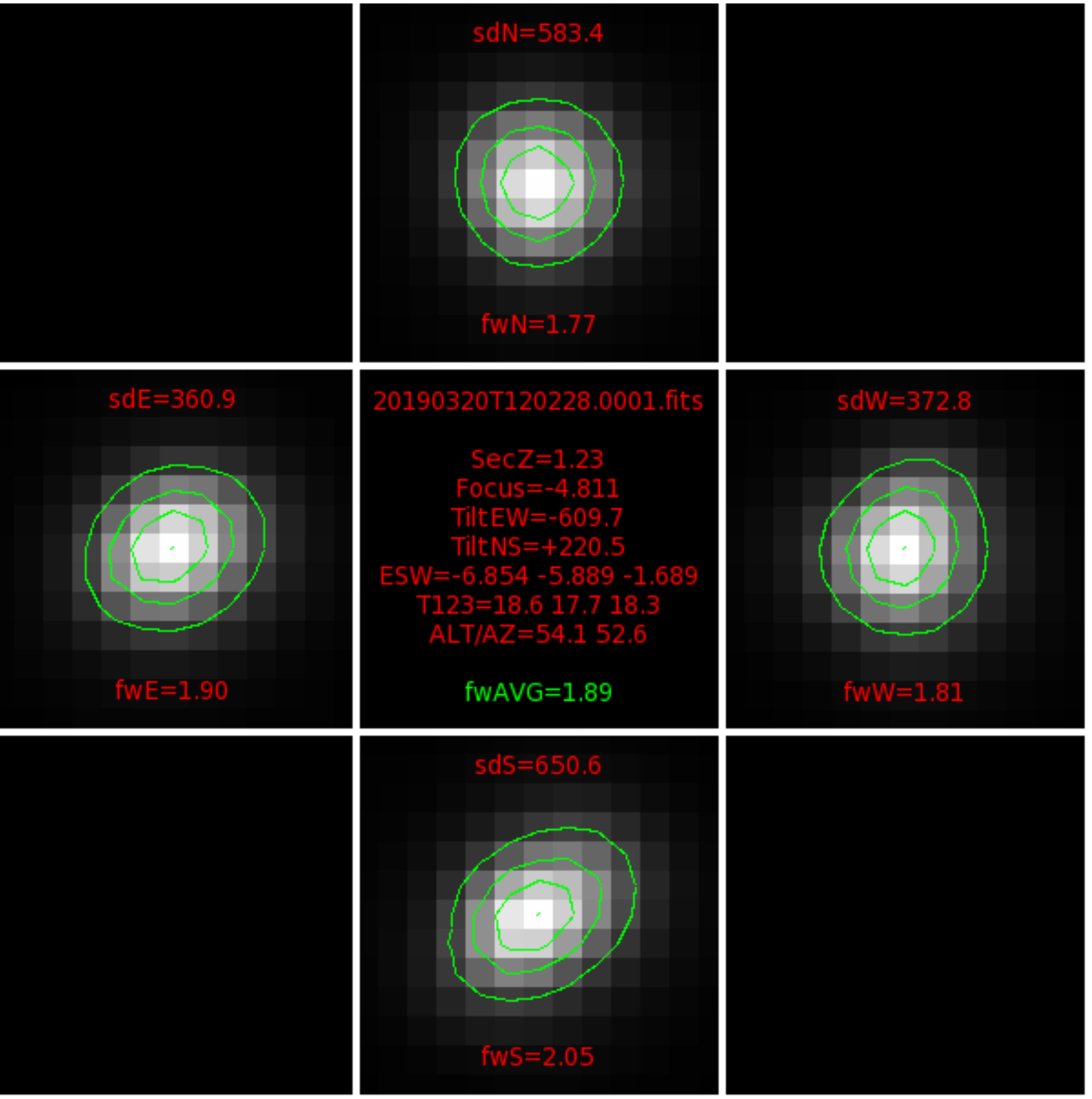
sdN=583.4
fwN=1.77
sdE=360.9
fwE=1.90
20190320T120228.0001.fits
SecZ=1.23
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.6 17.7 18.3
ALT/AZ=54.1 52.6
fwAVG=1.89
sdW=372.8
fwW=1.81
sdS=650.6
fwS=2.05
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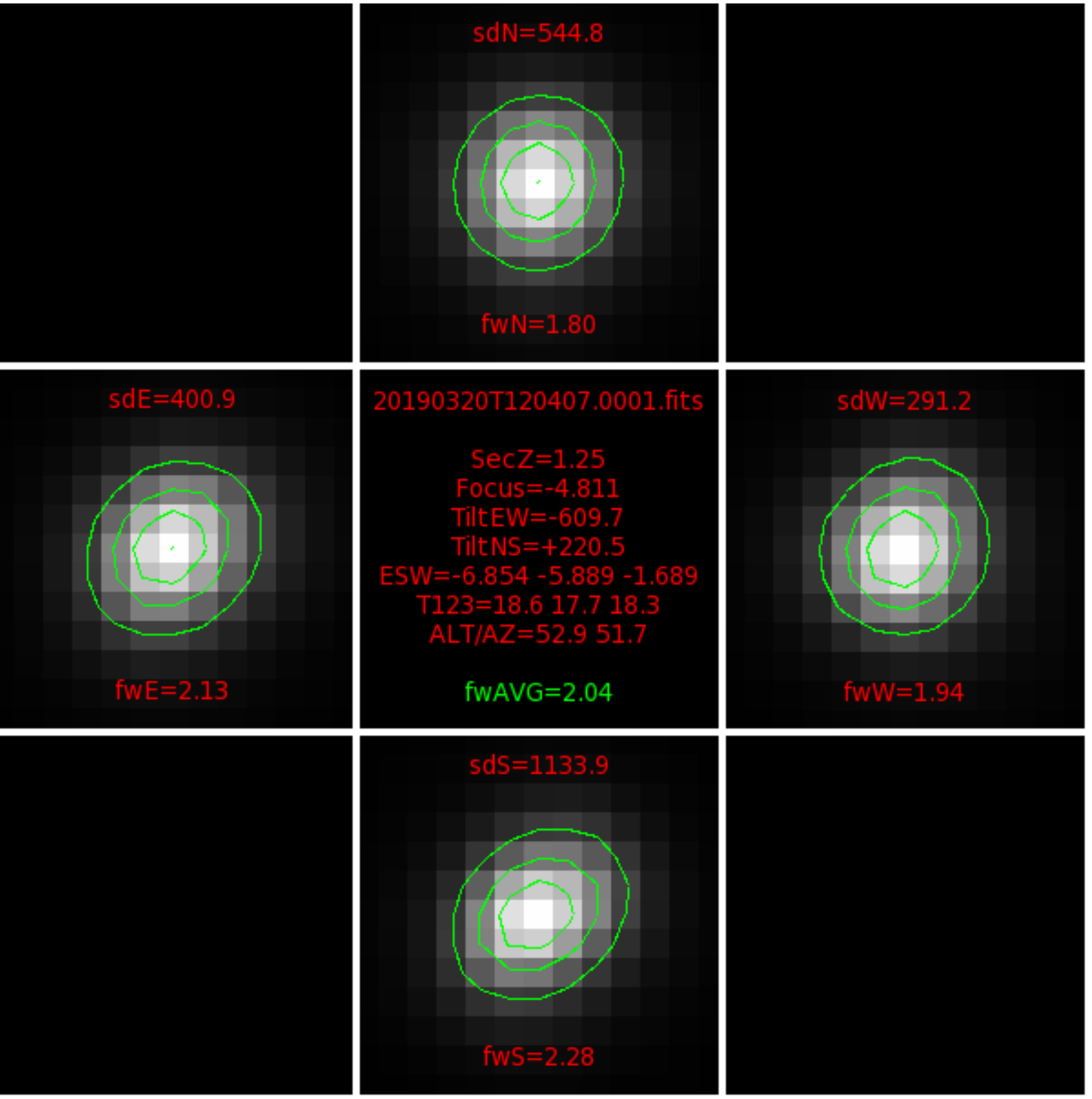
sdN=544.8
fwN=1.80
sdE=400.9
fwE=2.13
20190320T120407.0001.fits
SecZ=1.25
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.6 17.7 18.3
ALT/AZ=52.9 51.7
fwAVG=2.04
sdW=291.2
fwW=1.94
sdS=1133.9
fwS=2.28
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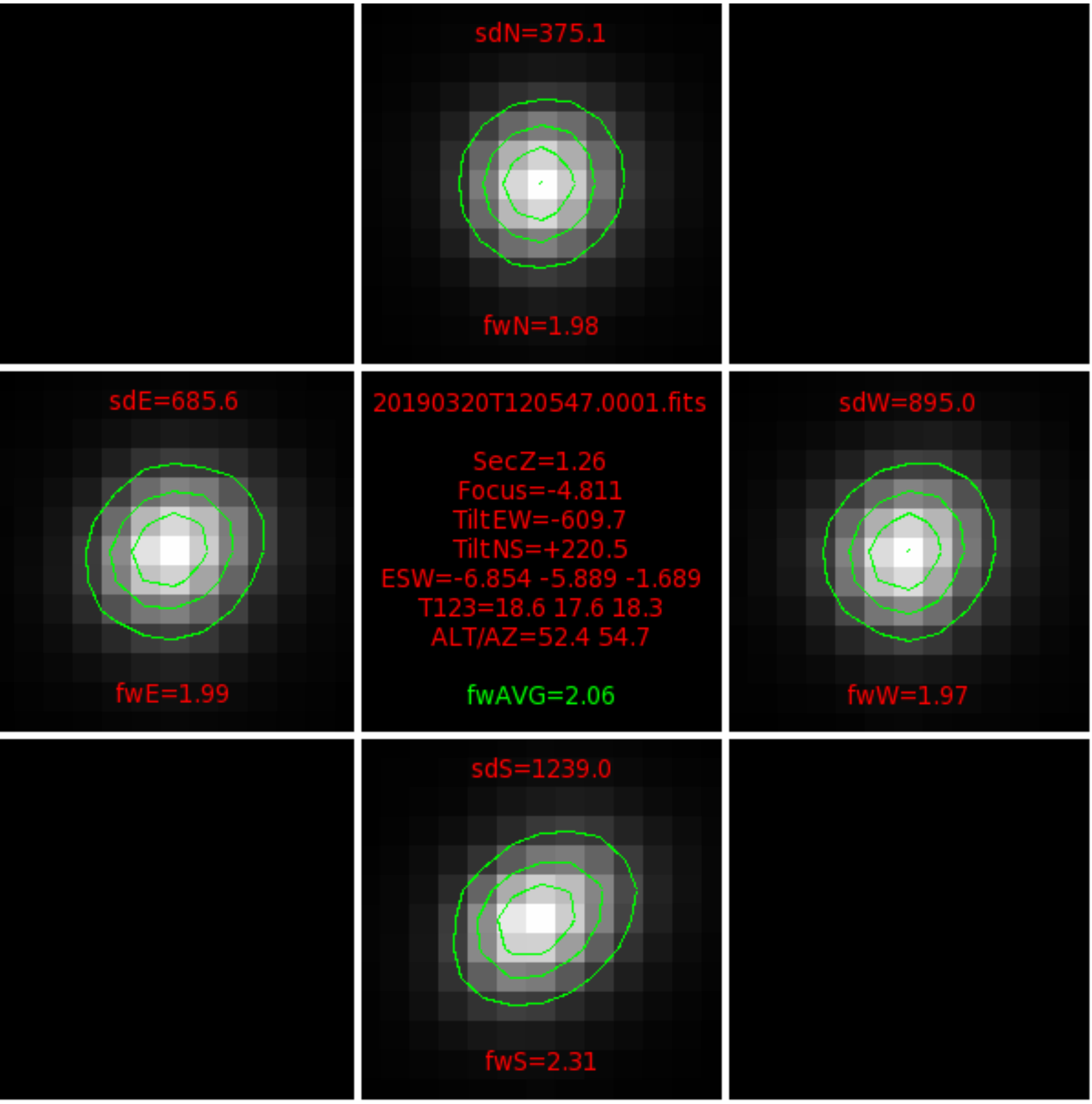
sdN=375.1
fwN=1.98
sdE=685.6
fwE=1.99
20190320T120547.0001.fits
SecZ=1.26
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.6 17.6 18.3
ALT/AZ=52.4 54.7
fwAVG=2.06
sdW=895.0
fwW=1.97
sdS=1239.0
fwS=2.31
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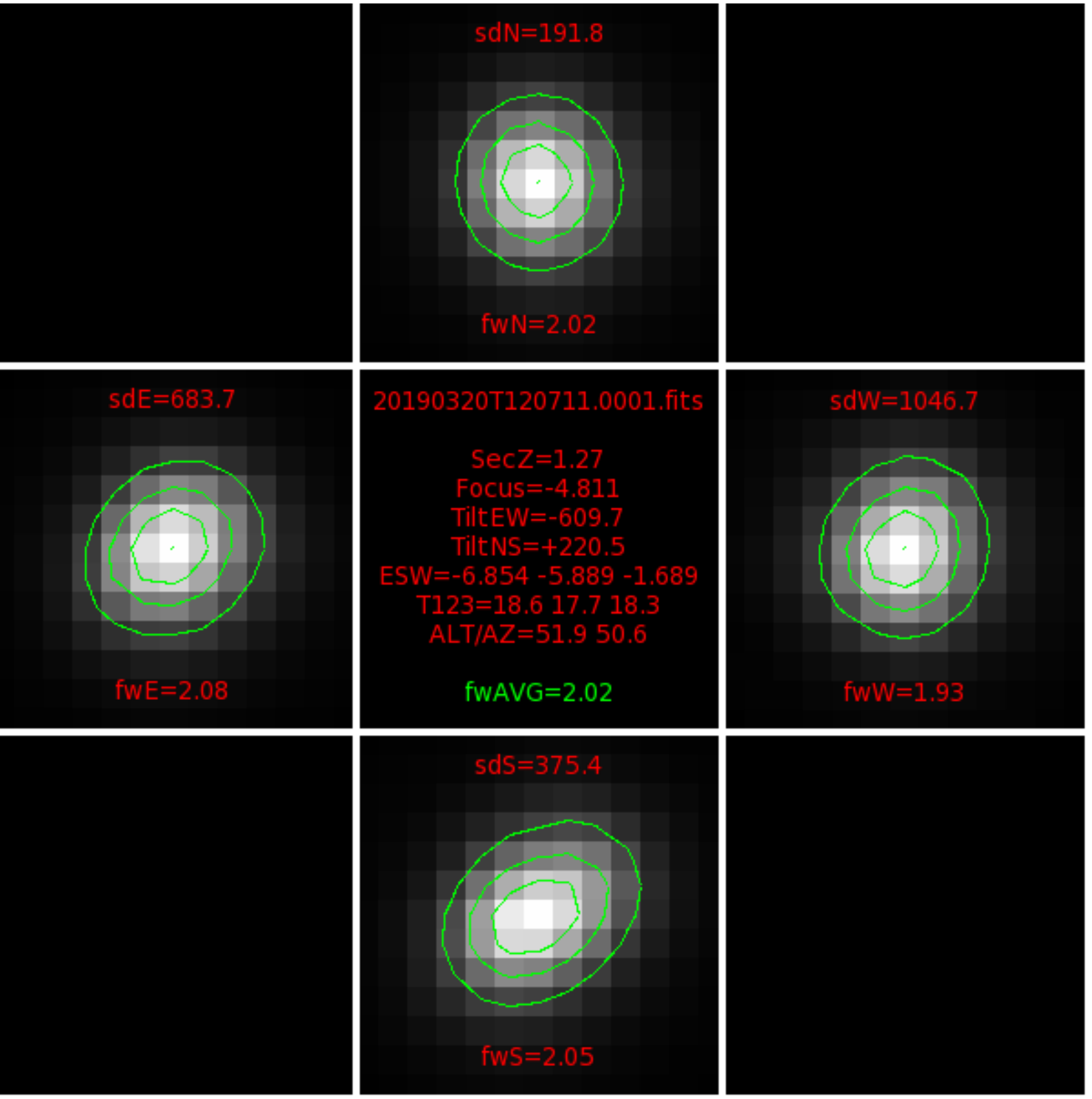
sdN=191.8
fwN=2.02
sdE=683.7
fwE=2.08
20190320T120711.0001.fits
SecZ=1.27
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.6 17.7 18.3
ALT/AZ=51.9 50.6
fwAVG=2.02
sdW=1046.7
fwW=1.93
sdS=375.4
fwS=2.05
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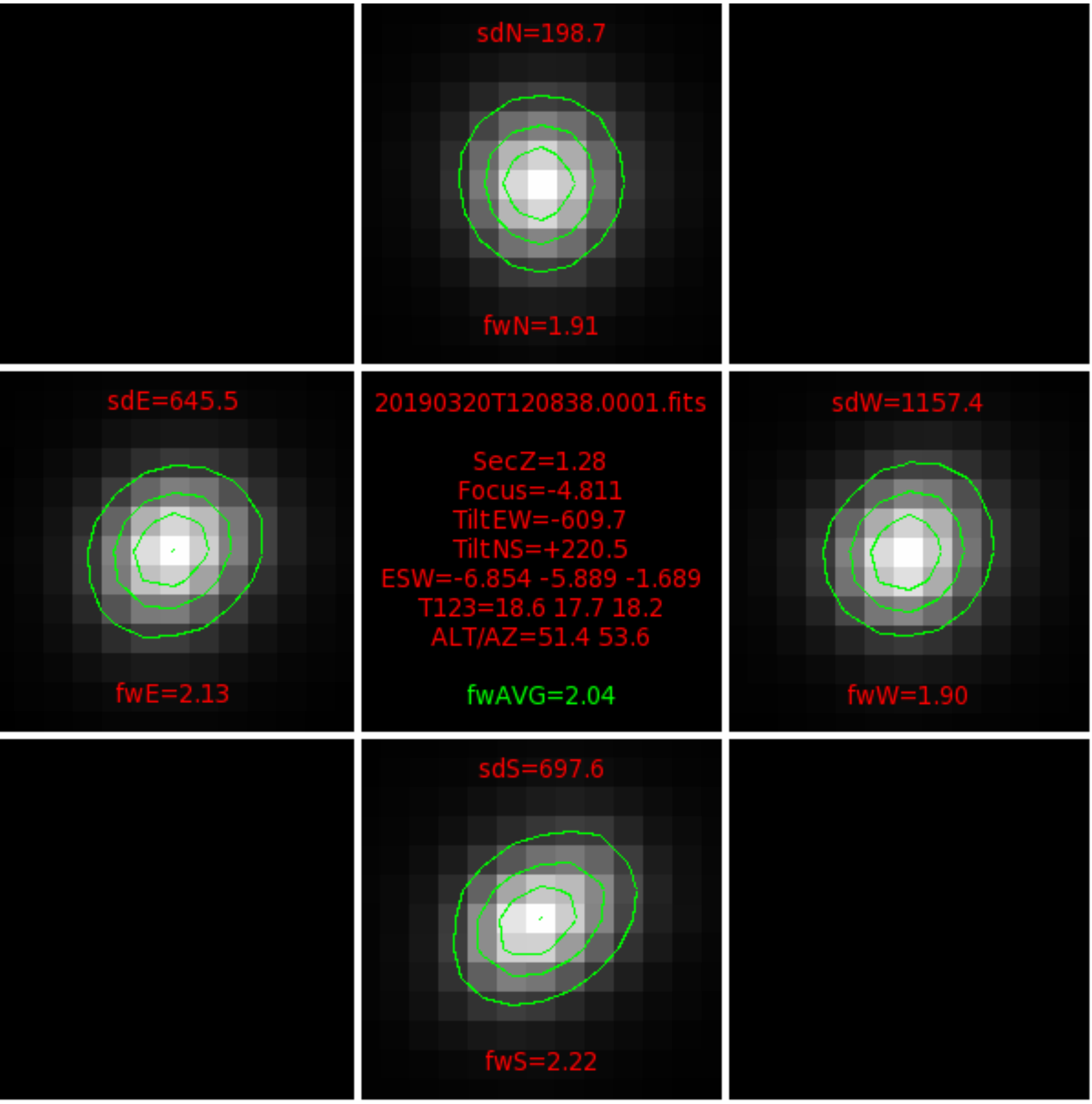
sdN=198.7
fwN=1.91
sdE=645.5
fwE=2.13
20190320T120838.0001.fits
SecZ=1.28
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.6 17.7 18.2
ALT/AZ=51.4 53.6
fwAVG=2.04
sdW=1157.4
fwW=1.90
sdS=697.6
fwS=2.22
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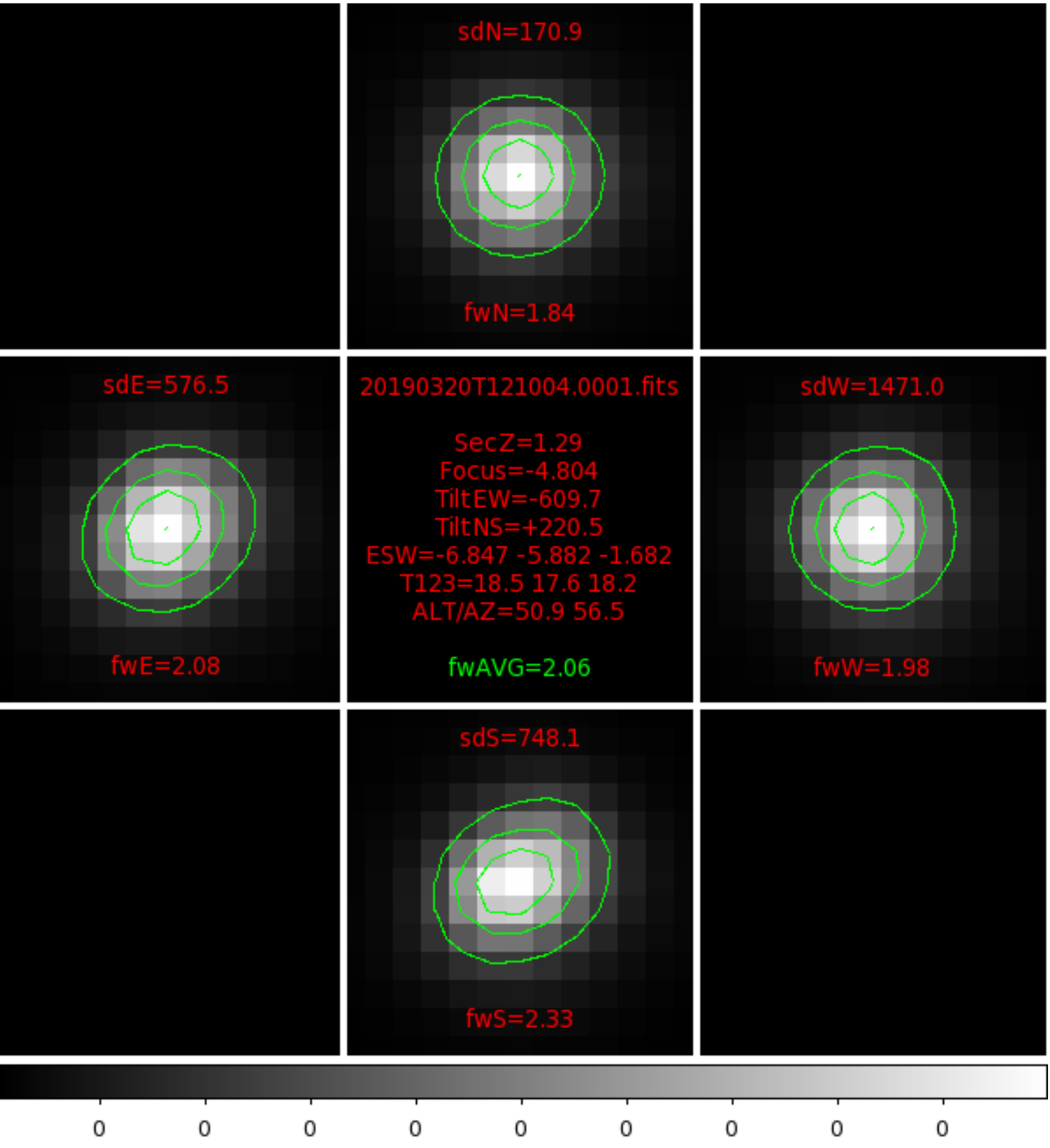
sdN=170.9
fwN=1.84
sdE=576.5
fwE=2.08
20190320T121004.0001.fits
SecZ=1.29
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=50.9 56.5
fwAVG=2.06
sdW=1471.0
fwW=1.98
sdS=748.1
fwS=2.33
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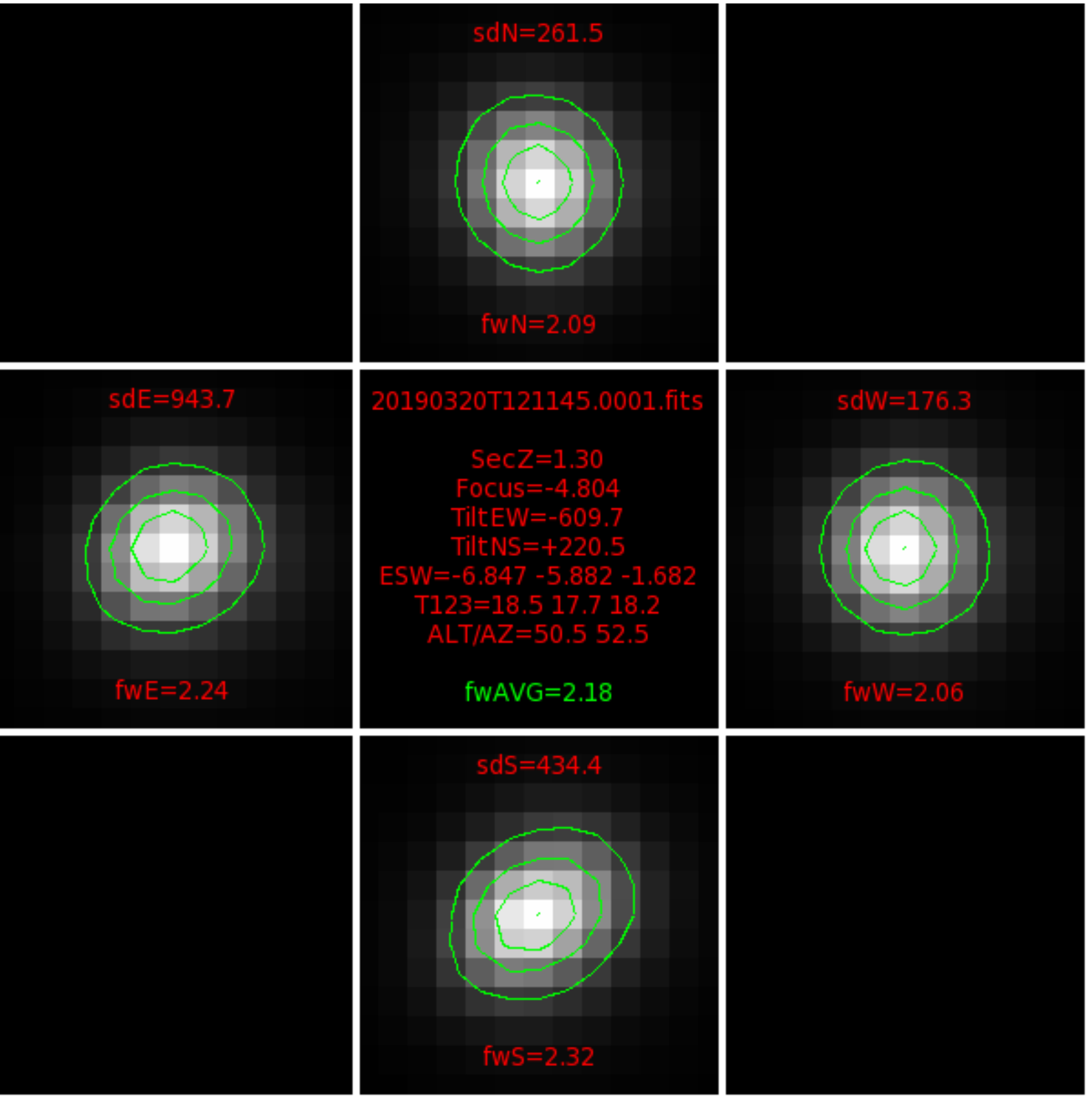
sdN=261.5
fwN=2.09
sdE=943.7
fwE=2.24
20190320T121145.0001.fits
SecZ=1.30
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.7 18.2
ALT/AZ=50.5 52.5
fwAVG=2.18
sdW=176.3
fwW=2.06
sdS=434.4
fwS=2.32
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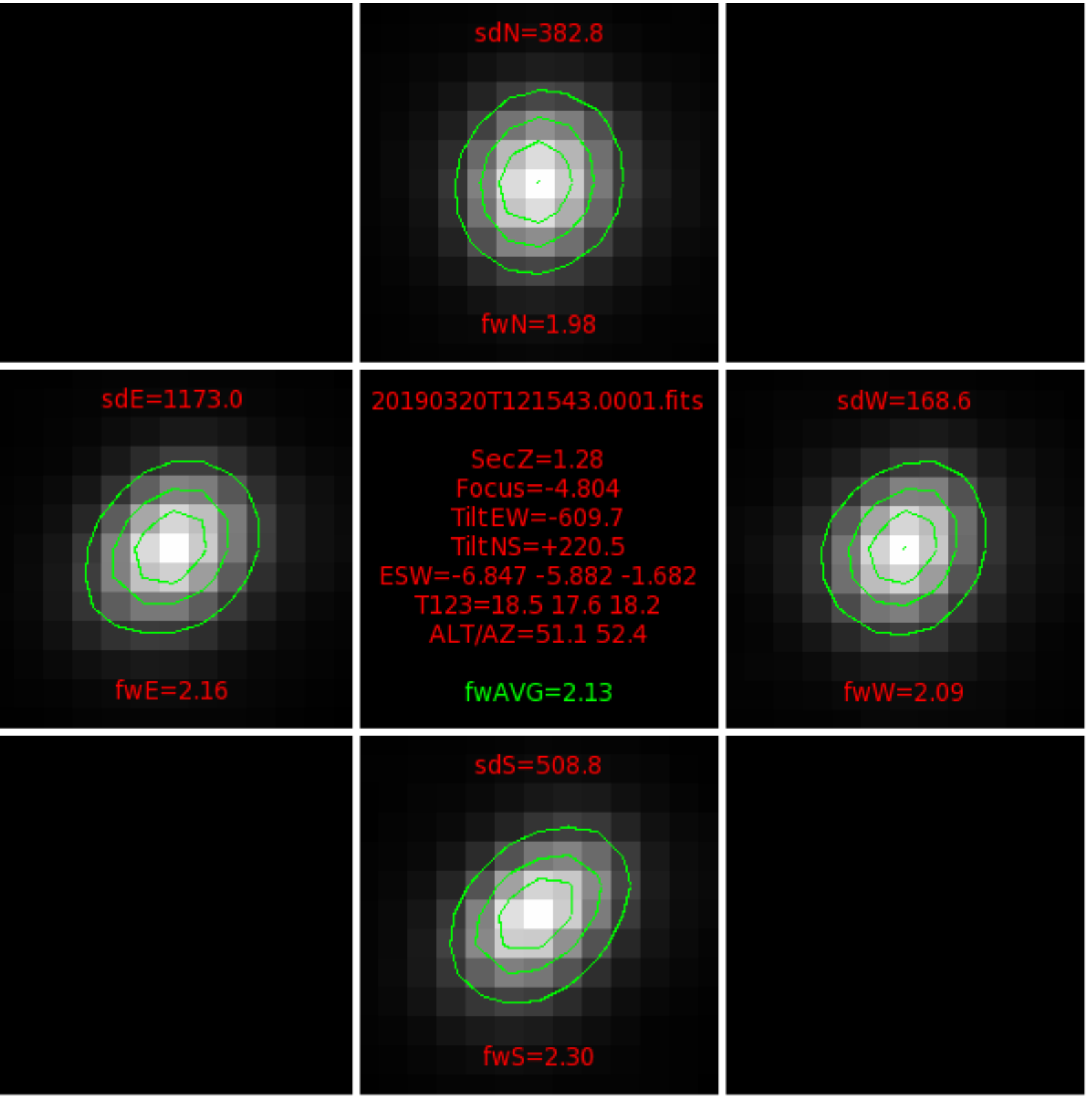
sdN=382.8
fwN=1.98
sdE=1173.0
fwE=2.16
20190320T121543.0001.fits
SecZ=1.28
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=51.1 52.4
fwAVG=2.13
sdW=168.6
fwW=2.09
sdS=508.8
fwS=2.30
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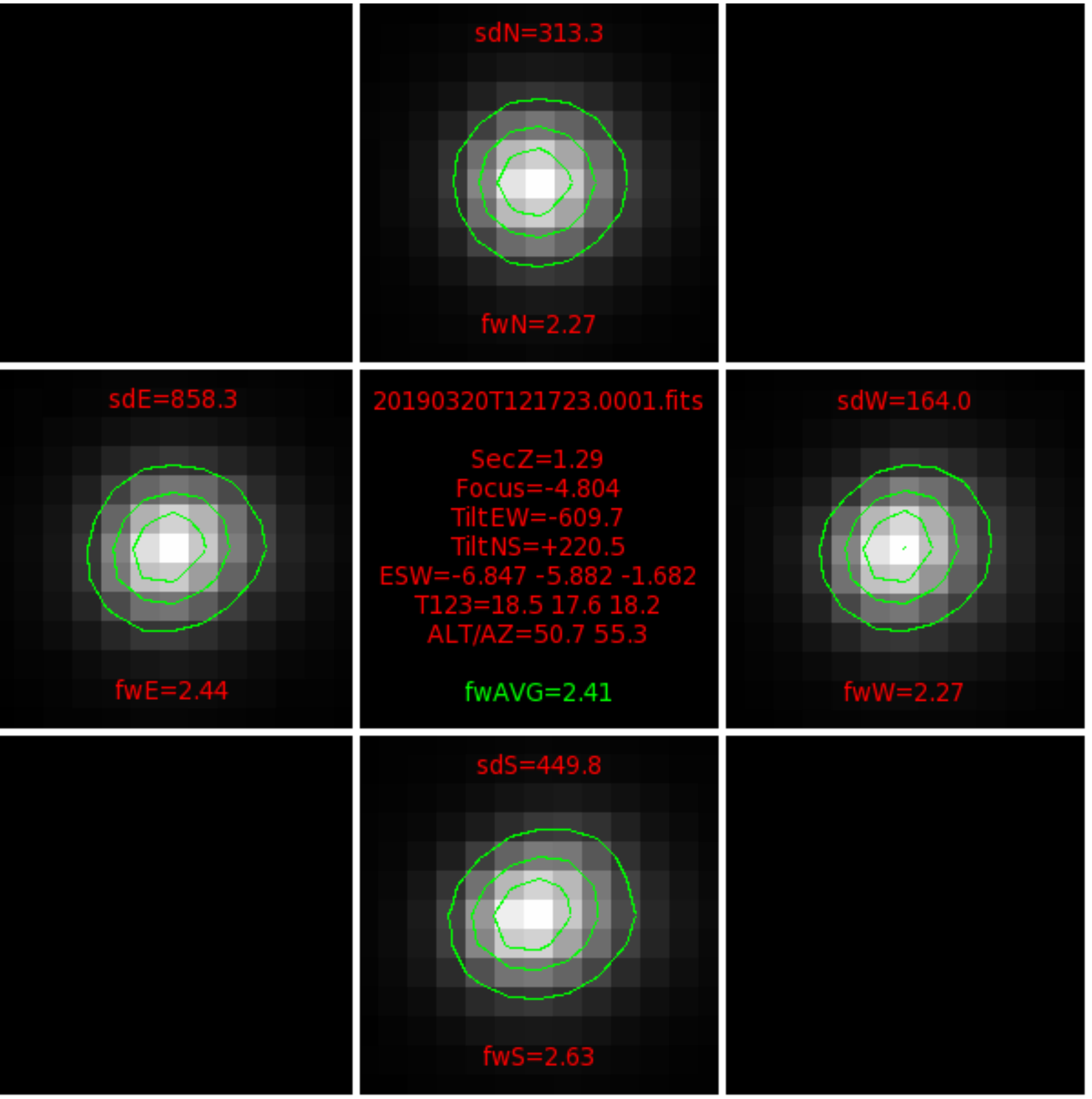
sdN=313.3
fwN=2.27
sdE=858.3
fwE=2.44
20190320T121723.0001.fits
SecZ=1.29
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=50.7 55.3
fwAVG=2.41
sdW=164.0
fwW=2.27
sdS=449.8
fwS=2.63
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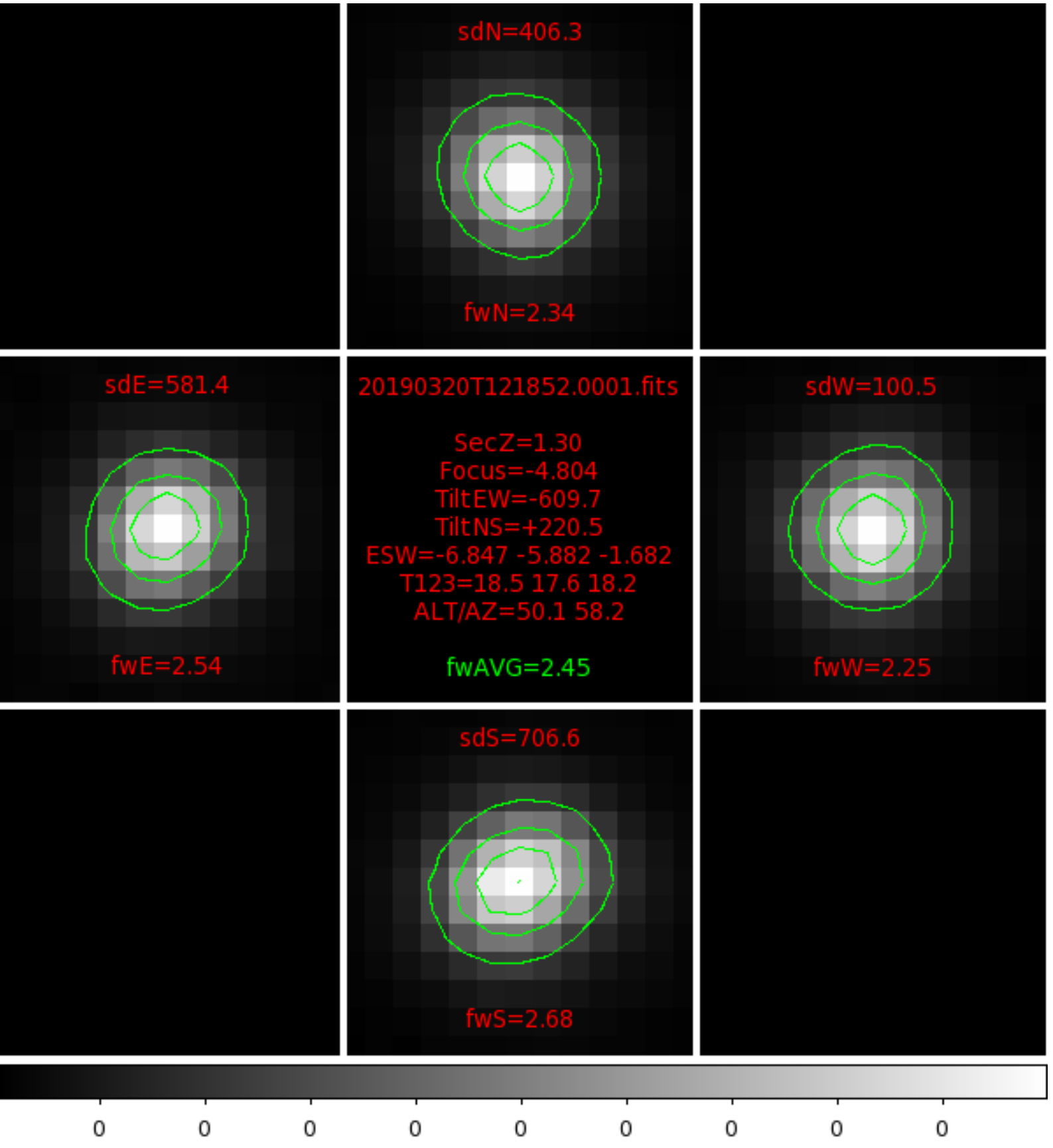
sdN=406.3
fwN=2.34
sdE=581.4
fwE=2.54
20190320T121852.0001.fits
SecZ=1.30
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=50.1 58.2
fwAVG=2.45
sdW=100.5
fwW=2.25
sdS=706.6
fwS=2.68
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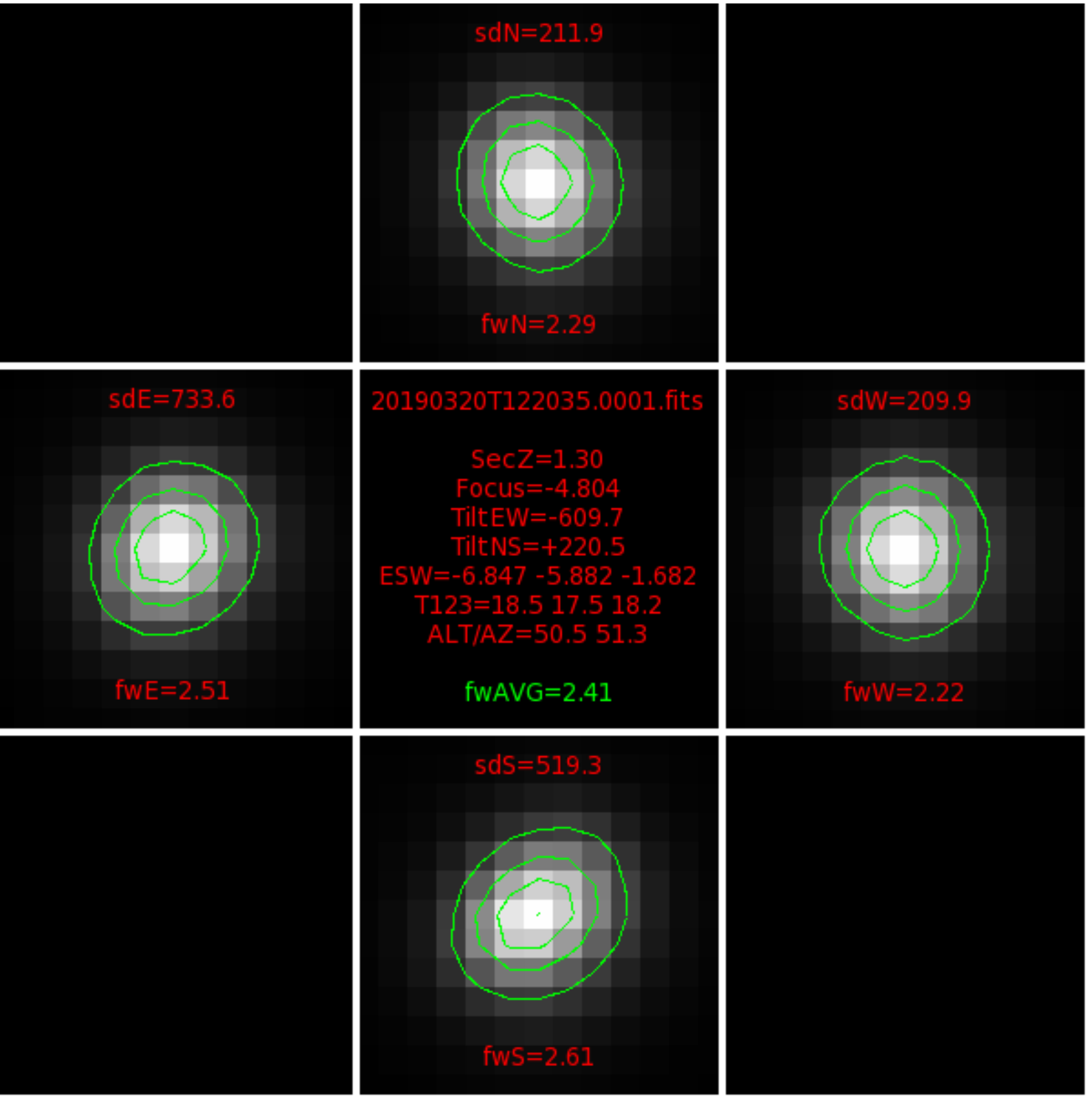
sdN=211.9
fwN=2.29
sdE=733.6
fwE=2.51
20190320T122035.0001.fits
SecZ=1.30
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.5 18.2
ALT/AZ=50.5 51.3
fwAVG=2.41
sdW=209.9
fwW=2.22
sdS=519.3
fwS=2.61
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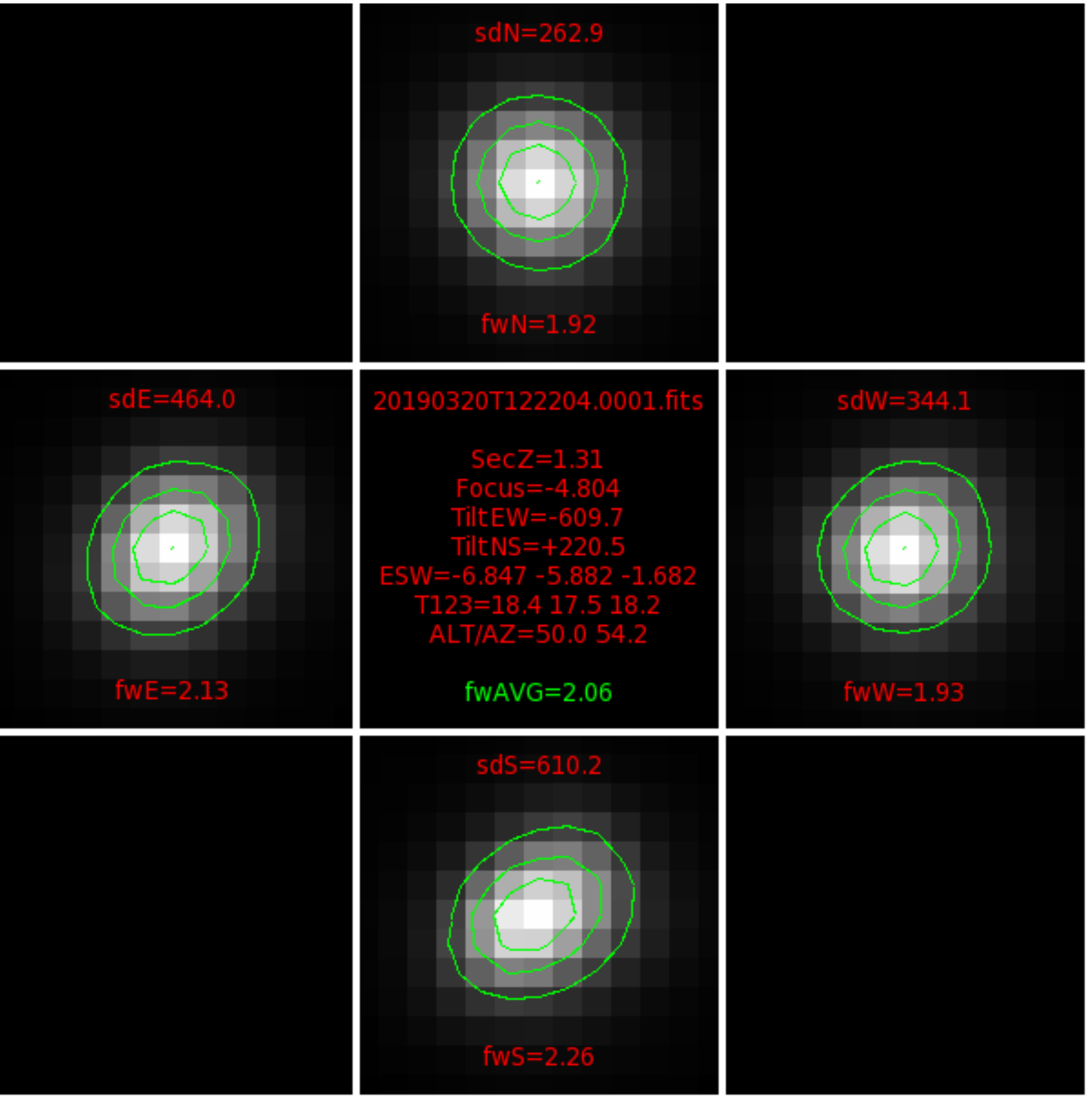
sdN=262.9
fwN=1.92
sdE=464.0
fwE=2.13
20190320T122204.0001.fits
SecZ=1.31
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.4 17.5 18.2
ALT/AZ=50.0 54.2
fwAVG=2.06
sdW=344.1
fwW=1.93
sdS=610.2
fwS=2.26
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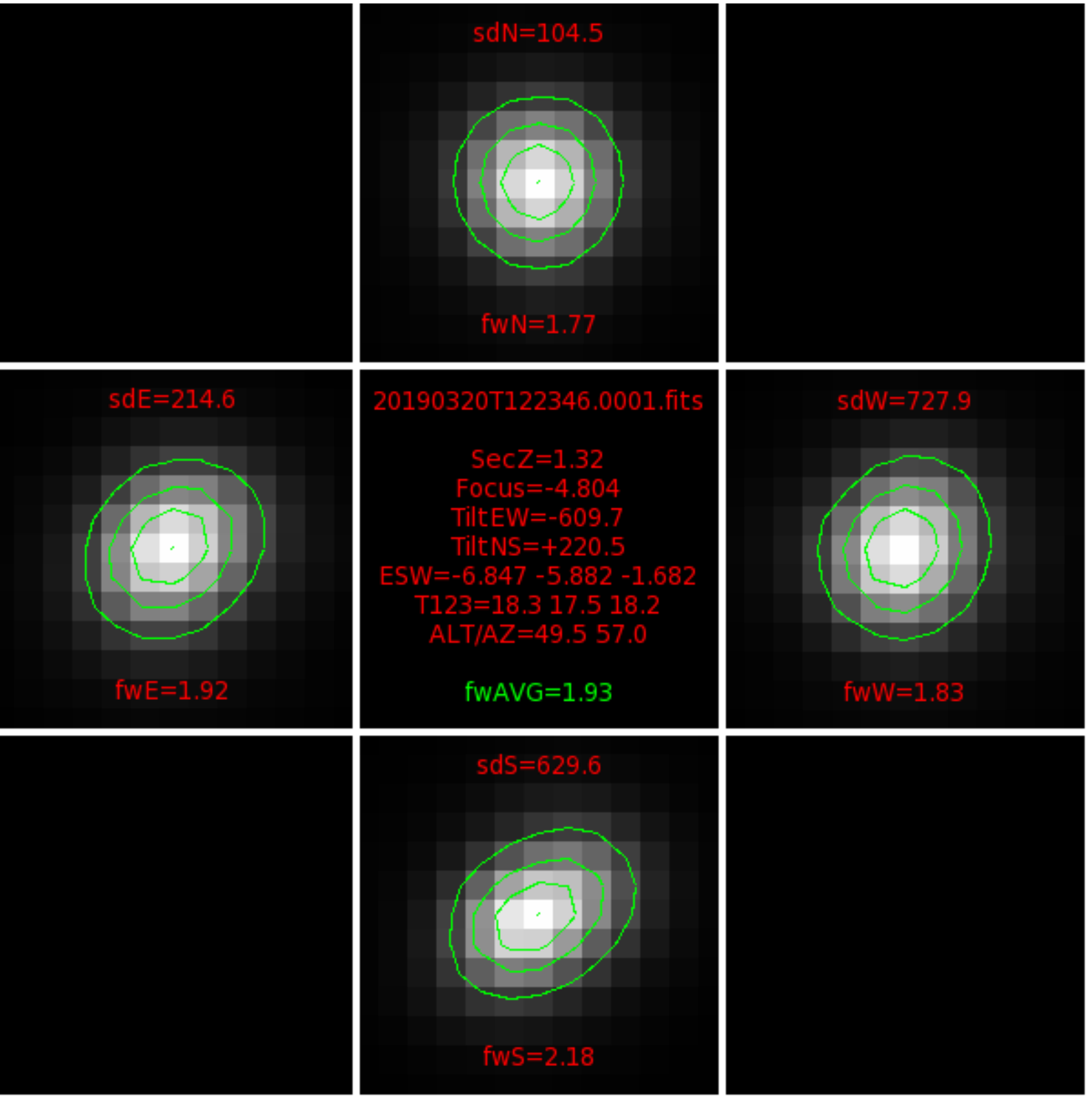
sdN=104.5
fwN=1.77
sdE=214.6
fwE=1.92
20190320T122346.0001.fits
SecZ=1.32
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.3 17.5 18.2
ALT/AZ=49.5 57.0
fwAVG=1.93
sdW=727.9
fwW=1.83
sdS=629.6
fwS=2.18
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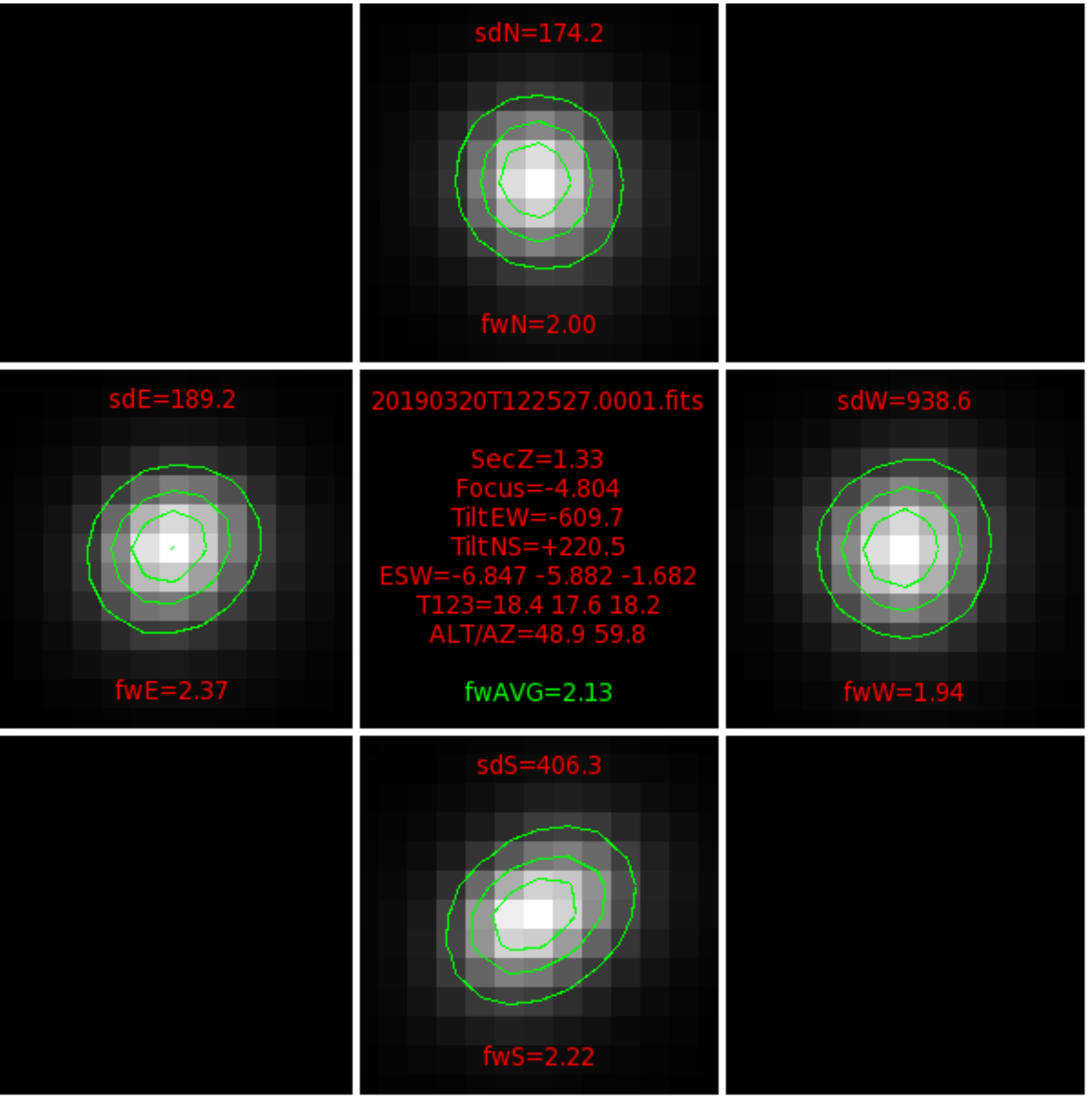
sdN=174.2
fwN=2.00
sdE=189.2
fwE=2.37
20190320T122527.0001.fits
SecZ=1.33
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.4 17.6 18.2
ALT/AZ=48.9 59.8
fwAVG=2.13
sdW=938.6
fwW=1.94
sdS=406.3
fwS=2.22
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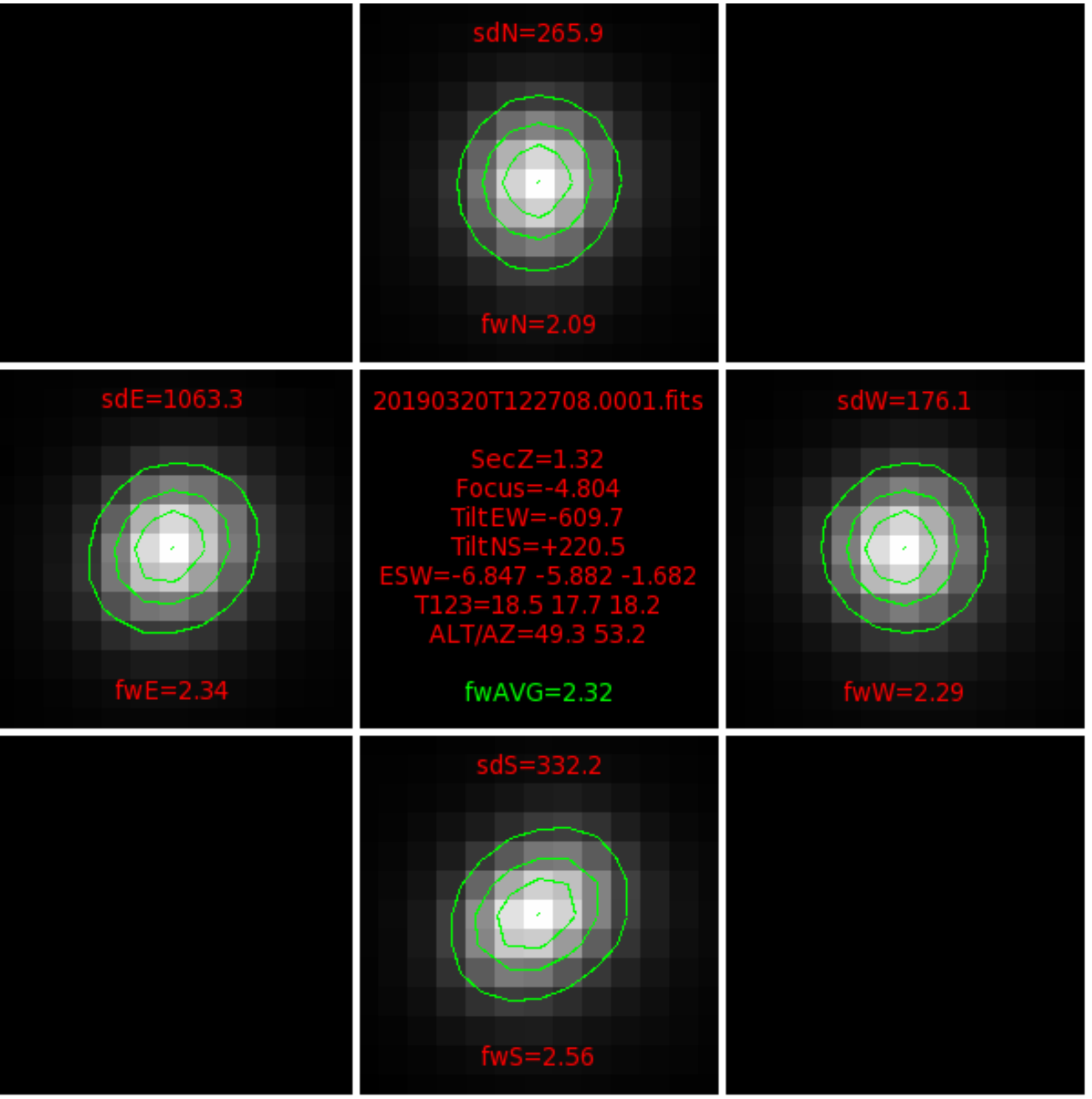
sdN=265.9
fwN=2.09
sdE=1063.3
fwE=2.34
20190320T122708.0001.fits
SecZ=1.32
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.7 18.2
ALT/AZ=49.3 53.2
fwAVG=2.32
sdW=176.1
fwW=2.29
sdS=332.2
fwS=2.56
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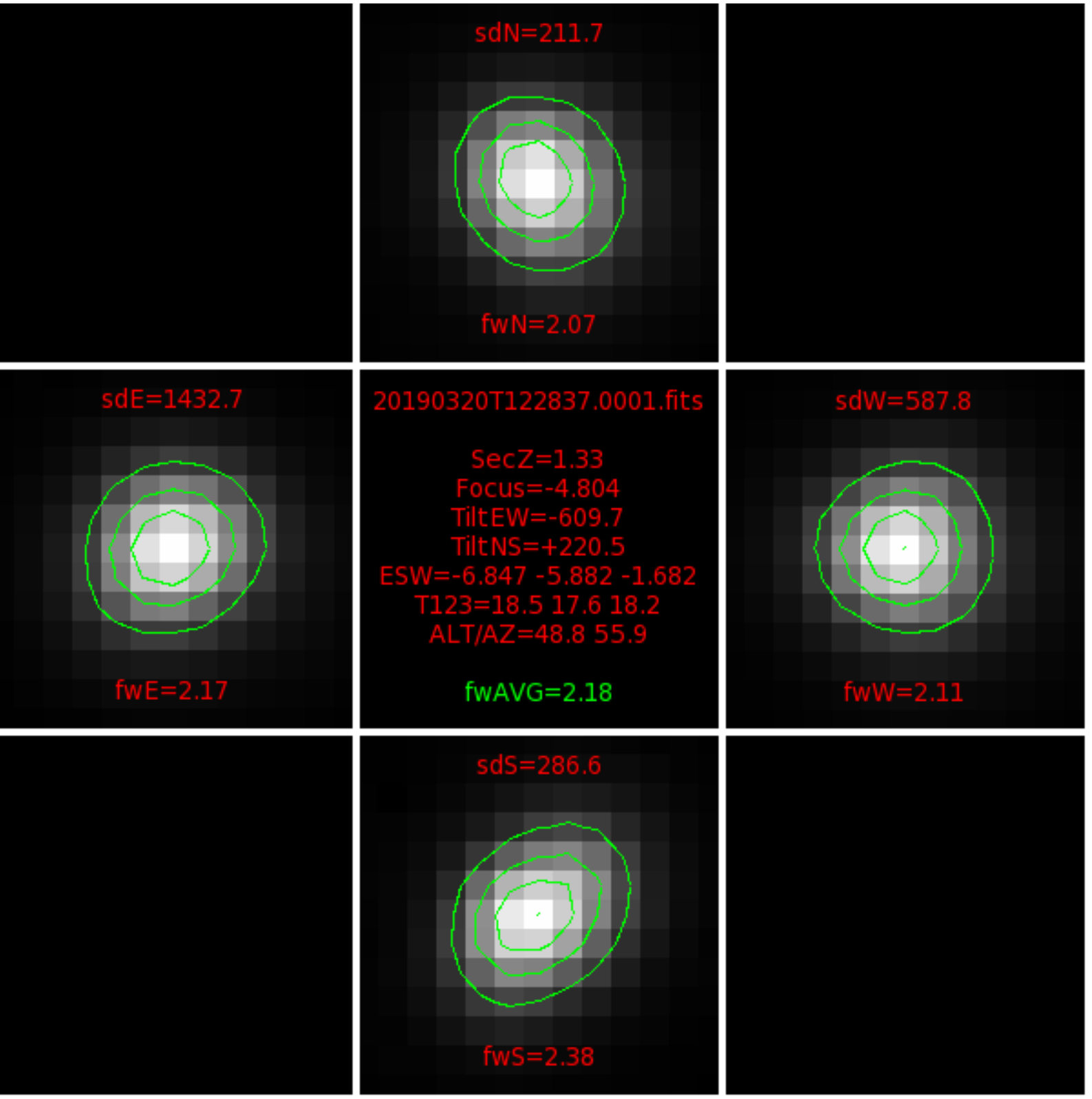
sdN=211.7
fwN=2.07
sdE=1432.7
fwE=2.17
20190320T122837.0001.fits
SecZ=1.33
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=48.8 55.9
fwAVG=2.18
sdW=587.8
fwW=2.11
sdS=286.6
fwS=2.38
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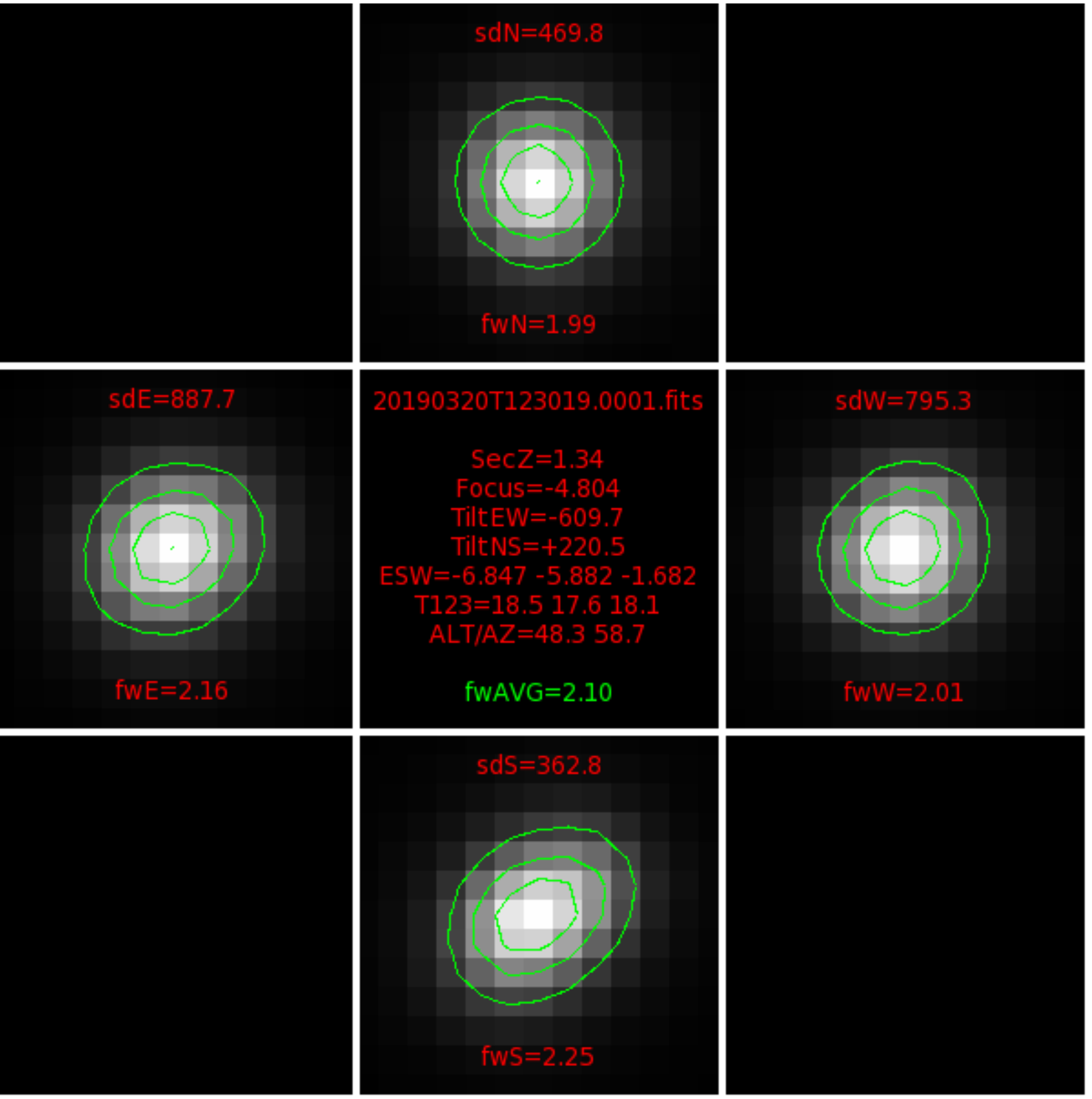
sdN=469.8
fwN=1.99
sdE=887.7
fwE=2.16
20190320T123019.0001.fits
SecZ=1.34
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.1
ALT/AZ=48.3 58.7
fwAVG=2.10
sdW=795.3
fwW=2.01
sdS=362.8
fwS=2.25
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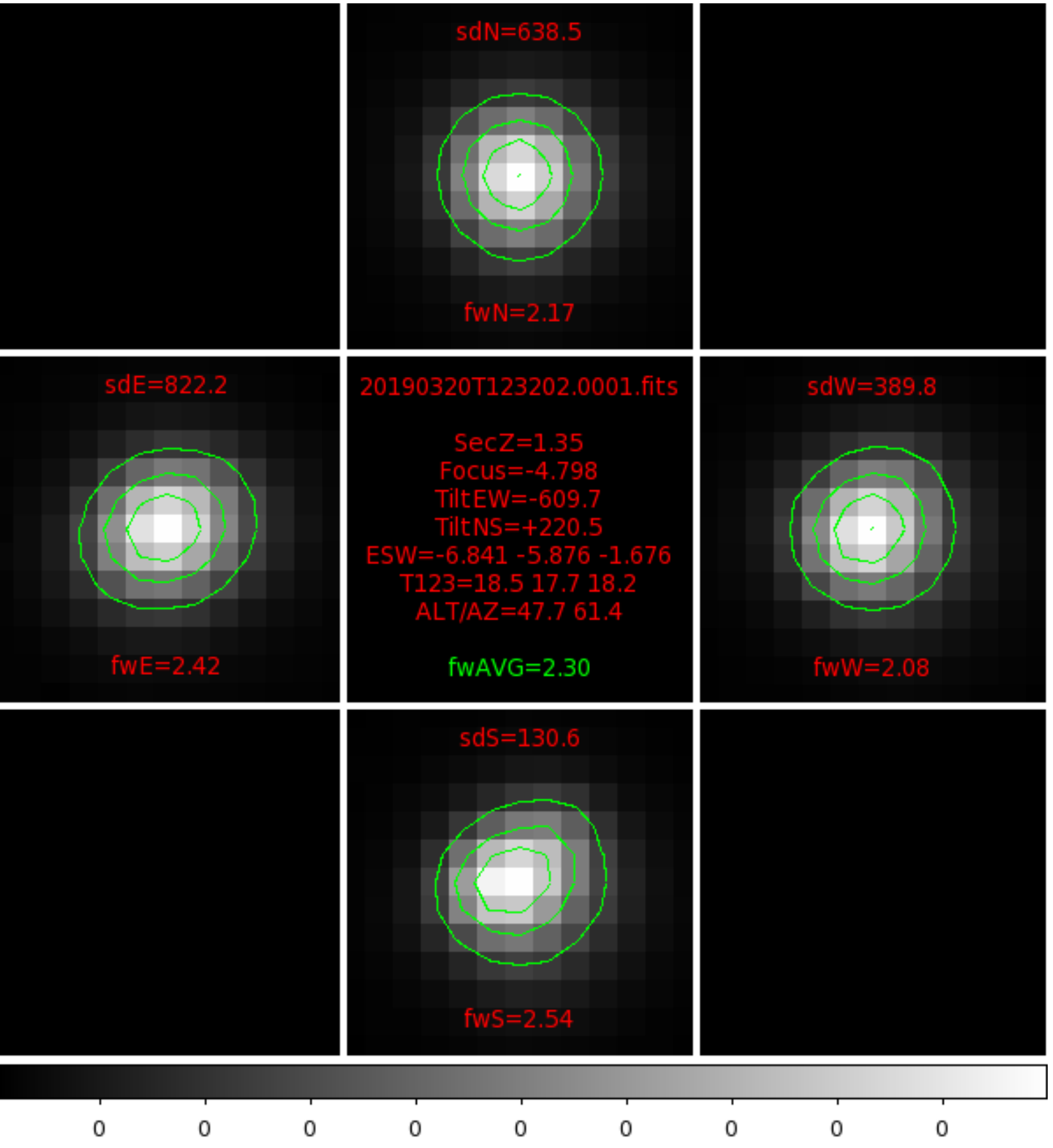
sdN=638.5
fwN=2.17
sdE=822.2
fwE=2.42
20190320T123202.0001.fits
SecZ=1.35
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.5 17.7 18.2
ALT/AZ=47.7 61.4
fwAVG=2.30
sdW=389.8
fwW=2.08
sdS=130.6
fwS=2.54
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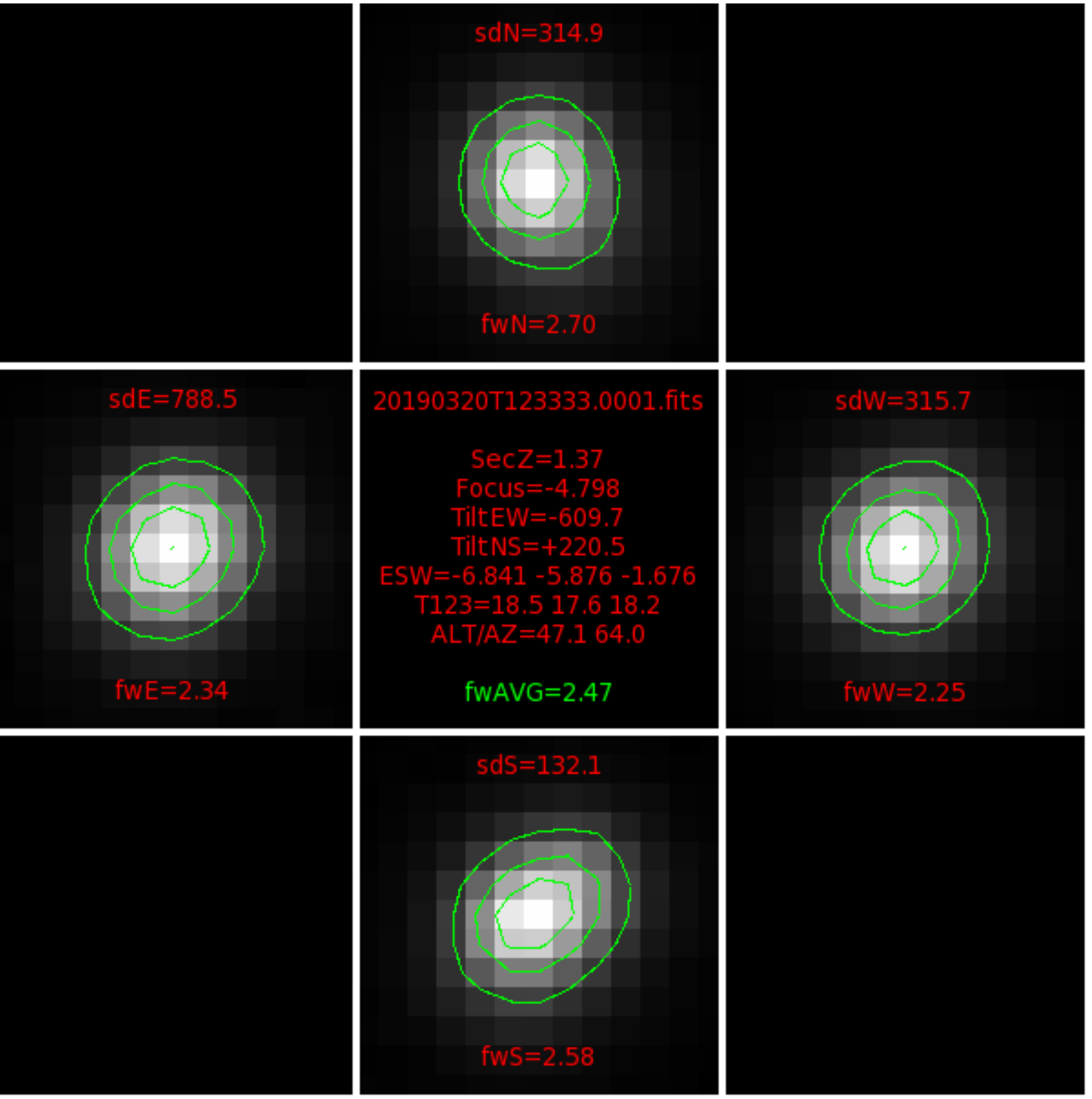
sdN=314.9
fwN=2.70
sdE=788.5
fwE=2.34
20190320T123333.0001.fits
SecZ=1.37
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.5 17.6 18.2
ALT/AZ=47.1 64.0
fwAVG=2.47
sdW=315.7
fwW=2.25
sdS=132.1
fwS=2.58
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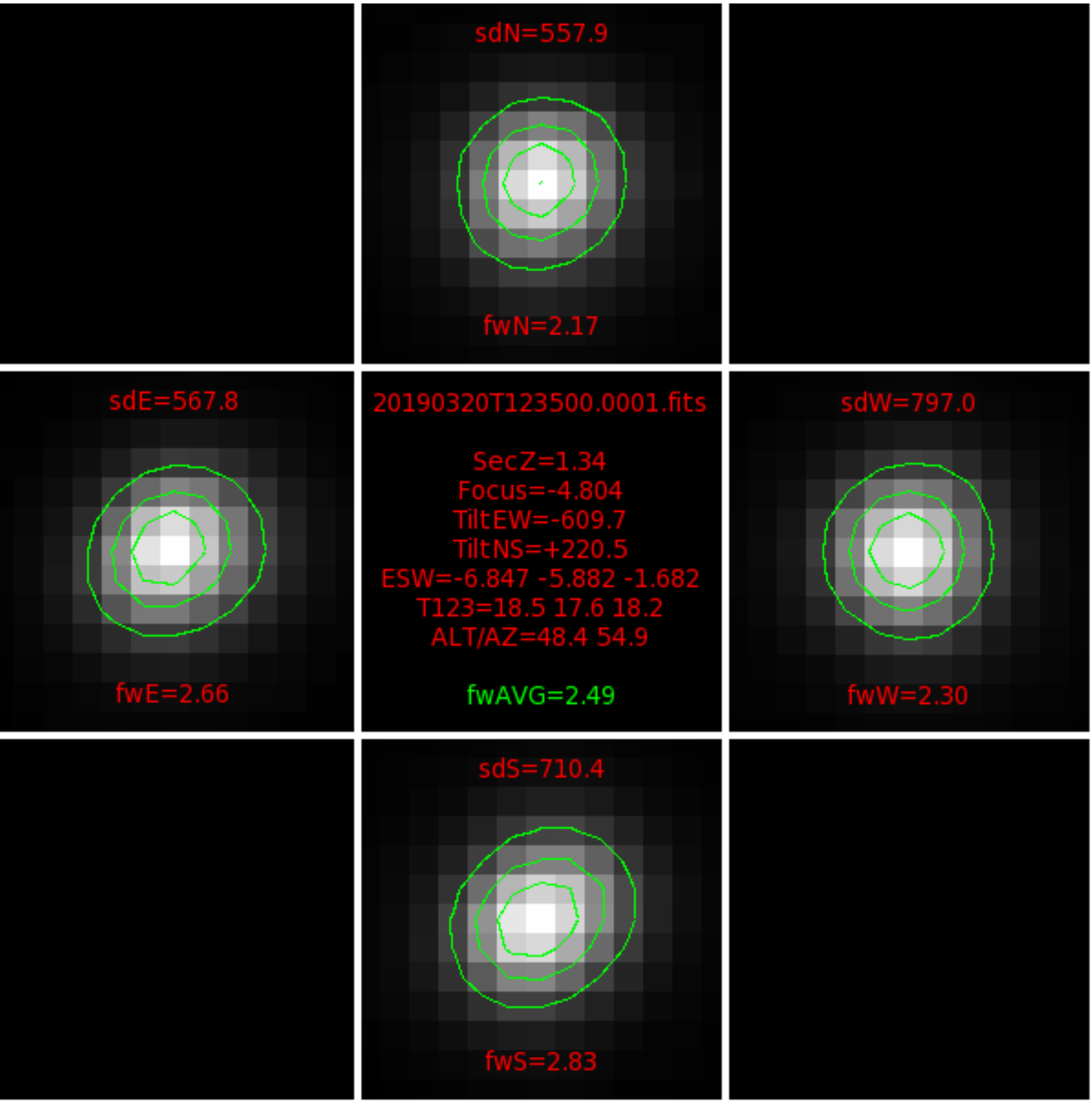
sdN=557.9
fwN=2.17
sdE=567.8
fwE=2.66
20190320T123500.0001.fits
SecZ=1.34
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=48.4 54.9
fwAVG=2.49
sdW=797.0
fwW=2.30
sdS=710.4
fwS=2.83
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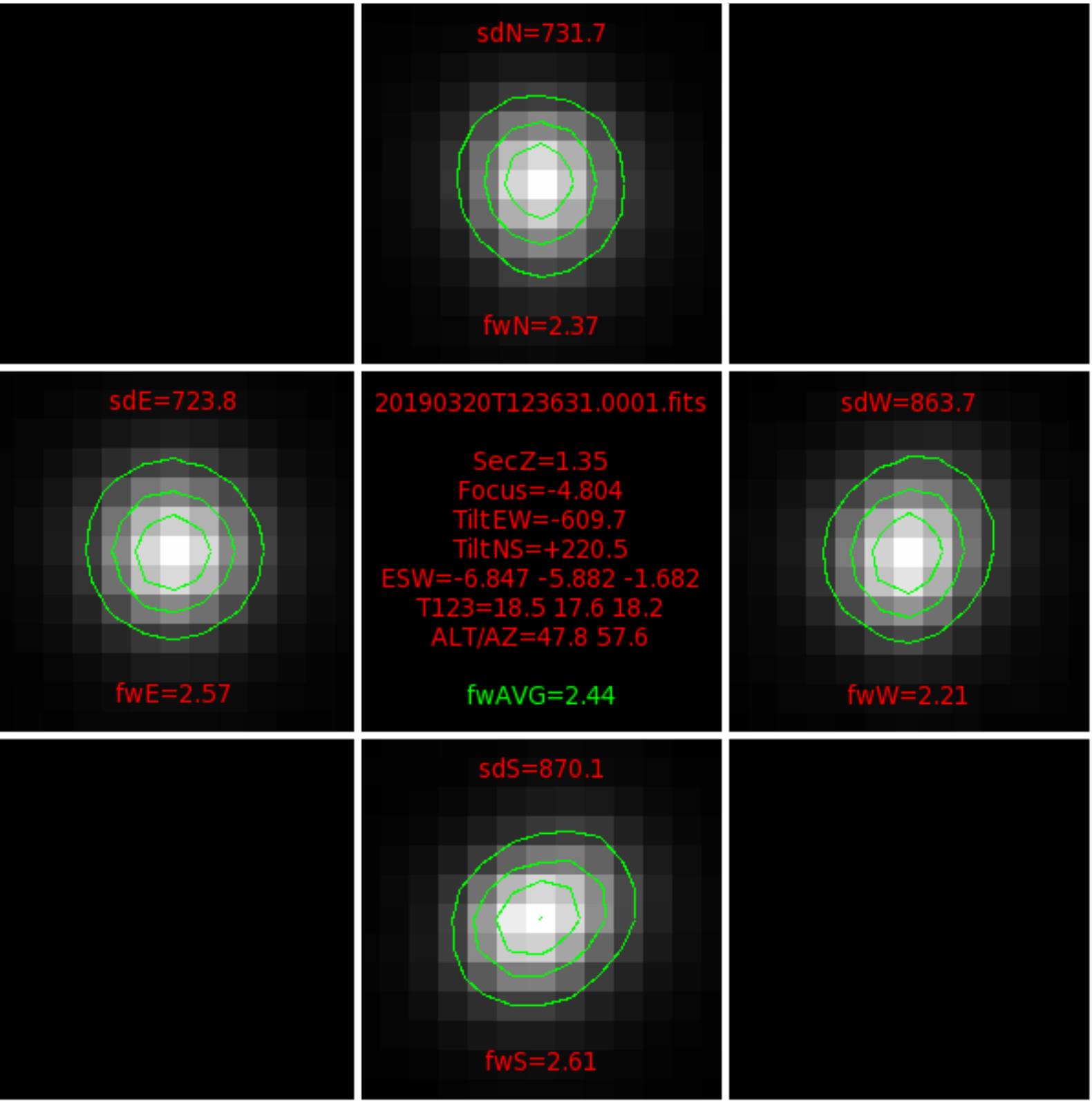
sdN=731.7
fwN=2.37
sdE=723.8
fwE=2.57
20190320T123631.0001.fits
SecZ=1.35
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=47.8 57.6
fwAVG=2.44
sdW=863.7
fwW=2.21
sdS=870.1
fwS=2.61
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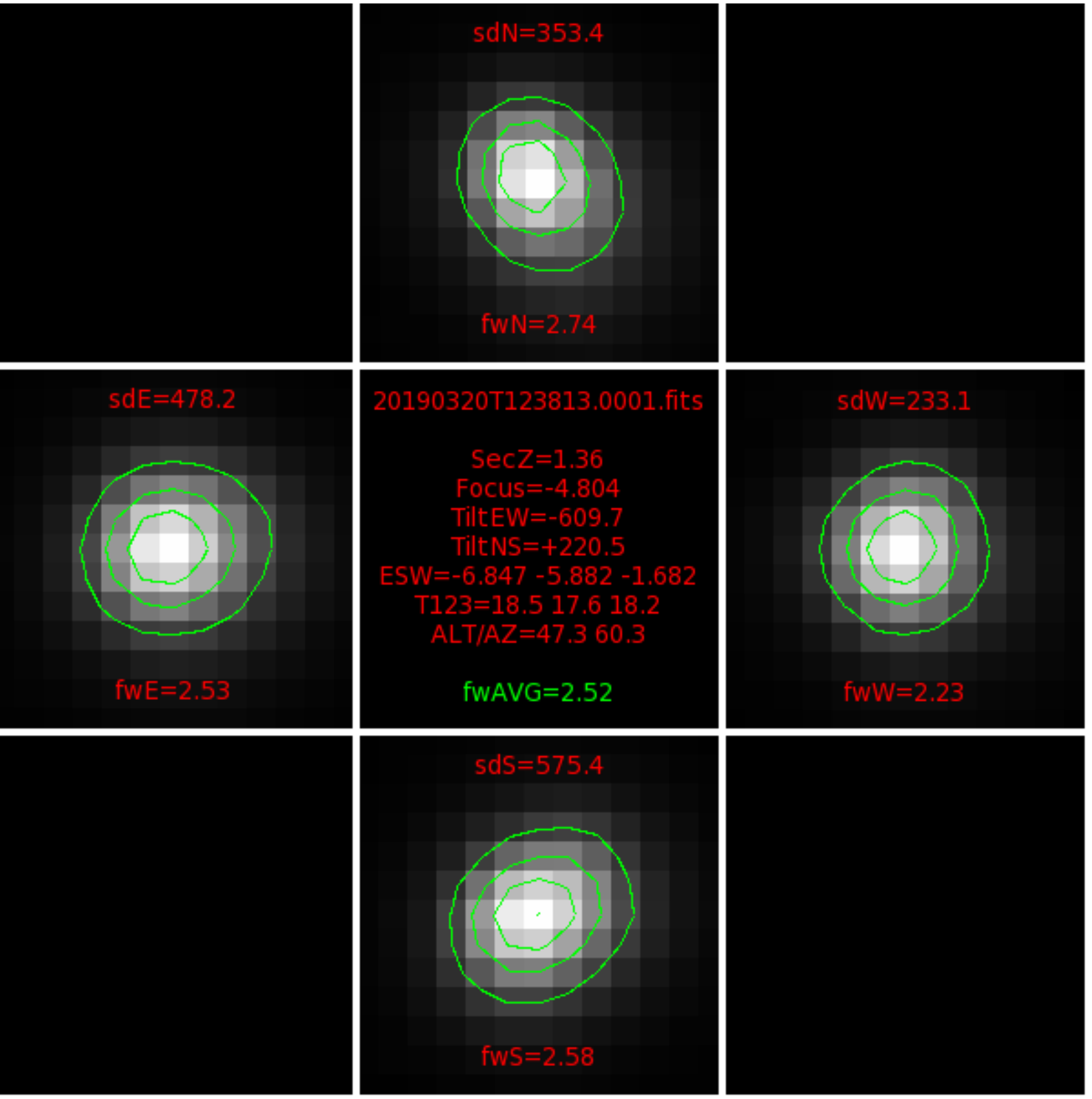
sdN=353.4
fwN=2.74
sdE=478.2
fwE=2.53
20190320T123813.0001.fits
SecZ=1.36
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=47.3 60.3
fwAVG=2.52
sdW=233.1
fwW=2.23
sdS=575.4
fwS=2.58
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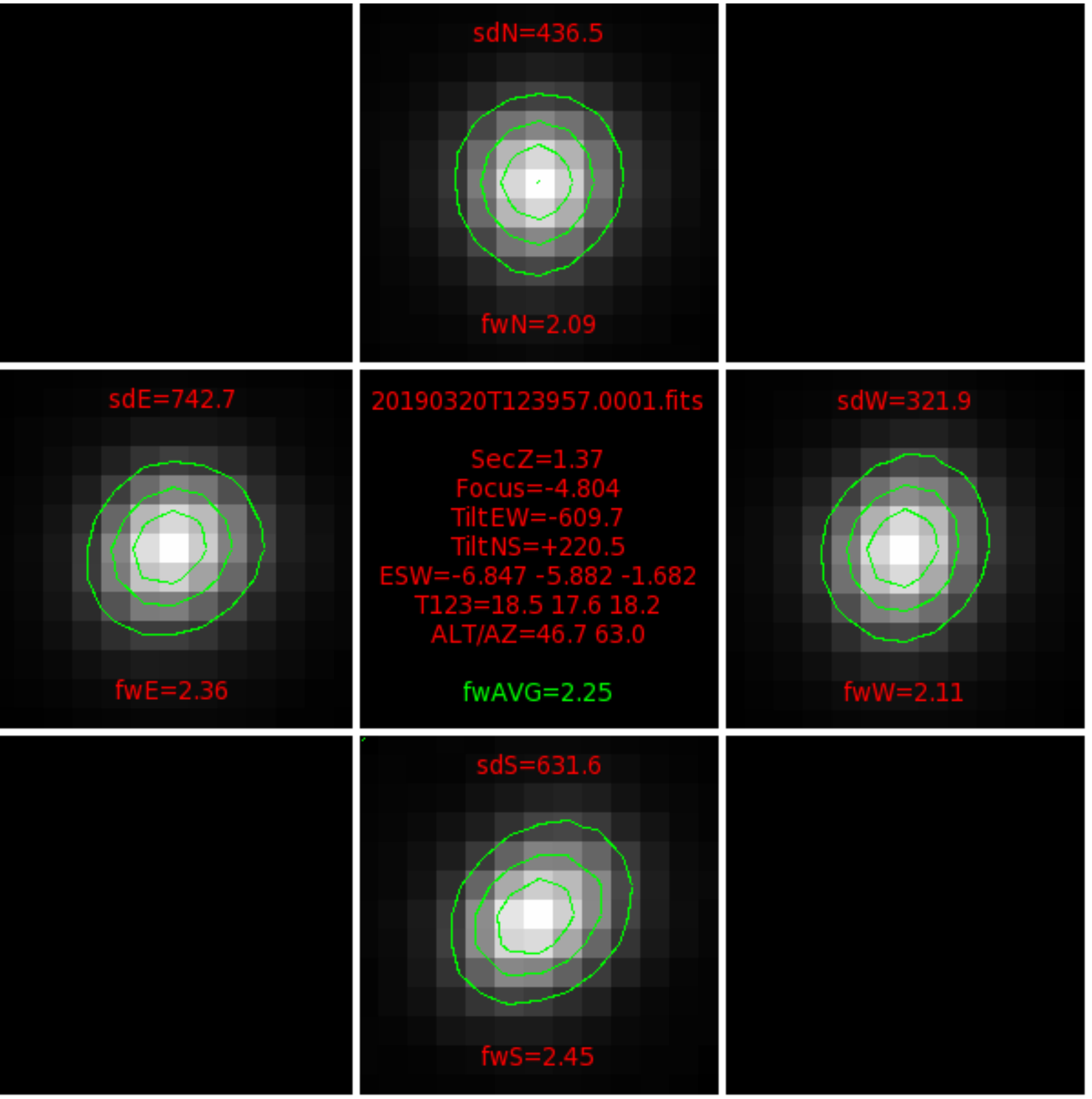
sdN=436.5
fwN=2.09
sdE=742.7
fwE=2.36
20190320T123957.0001.fits
SecZ=1.37
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=46.7 63.0
fwAVG=2.25
sdW=321.9
fwW=2.11
sdS=631.6
fwS=2.45
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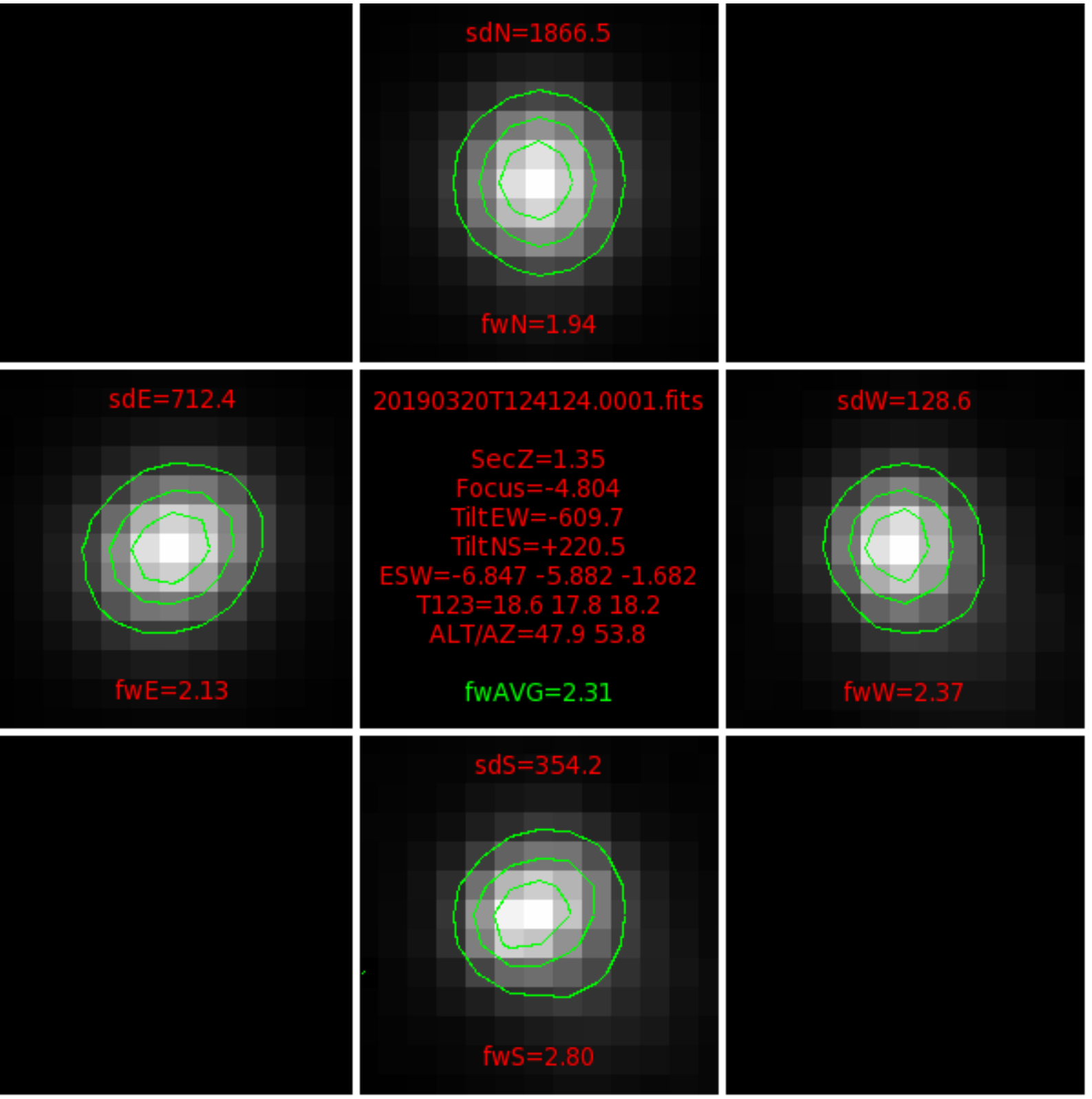
sdN=1866.5
fwN=1.94
sdE=712.4
fwE=2.13
20190320T124124.0001.fits
SecZ=1.35
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.6 17.8 18.2
ALT/AZ=47.9 53.8
fwAVG=2.31
sdW=128.6
fwW=2.37
sdS=354.2
fwS=2.80
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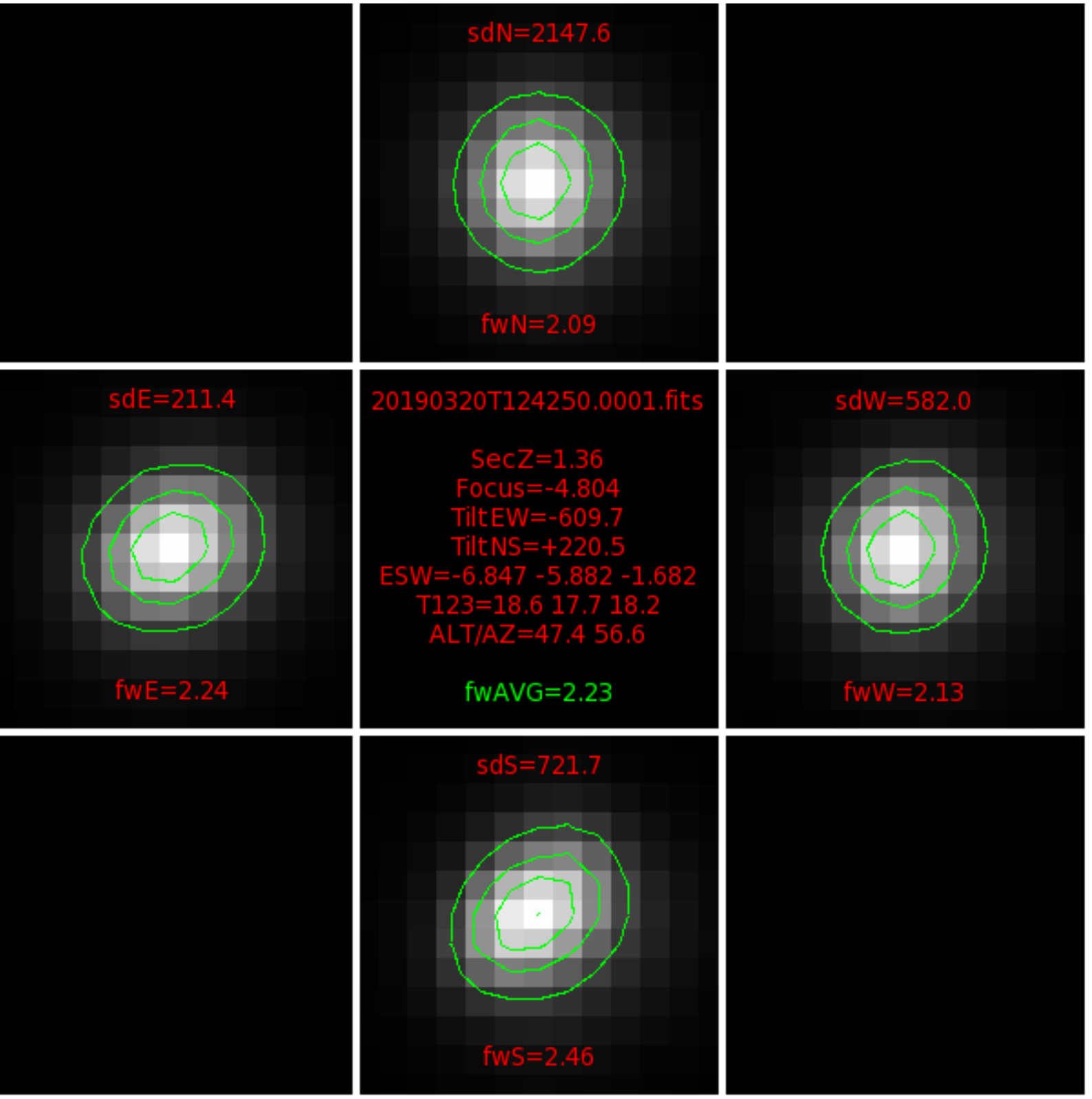
sdN=2147.6
fwN=2.09
sdE=211.4
fwE=2.24
20190320T124250.0001.fits
SecZ=1.36
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.6 17.7 18.2
ALT/AZ=47.4 56.6
fwAVG=2.23
sdW=582.0
fwW=2.13
sdS=721.7
fwS=2.46
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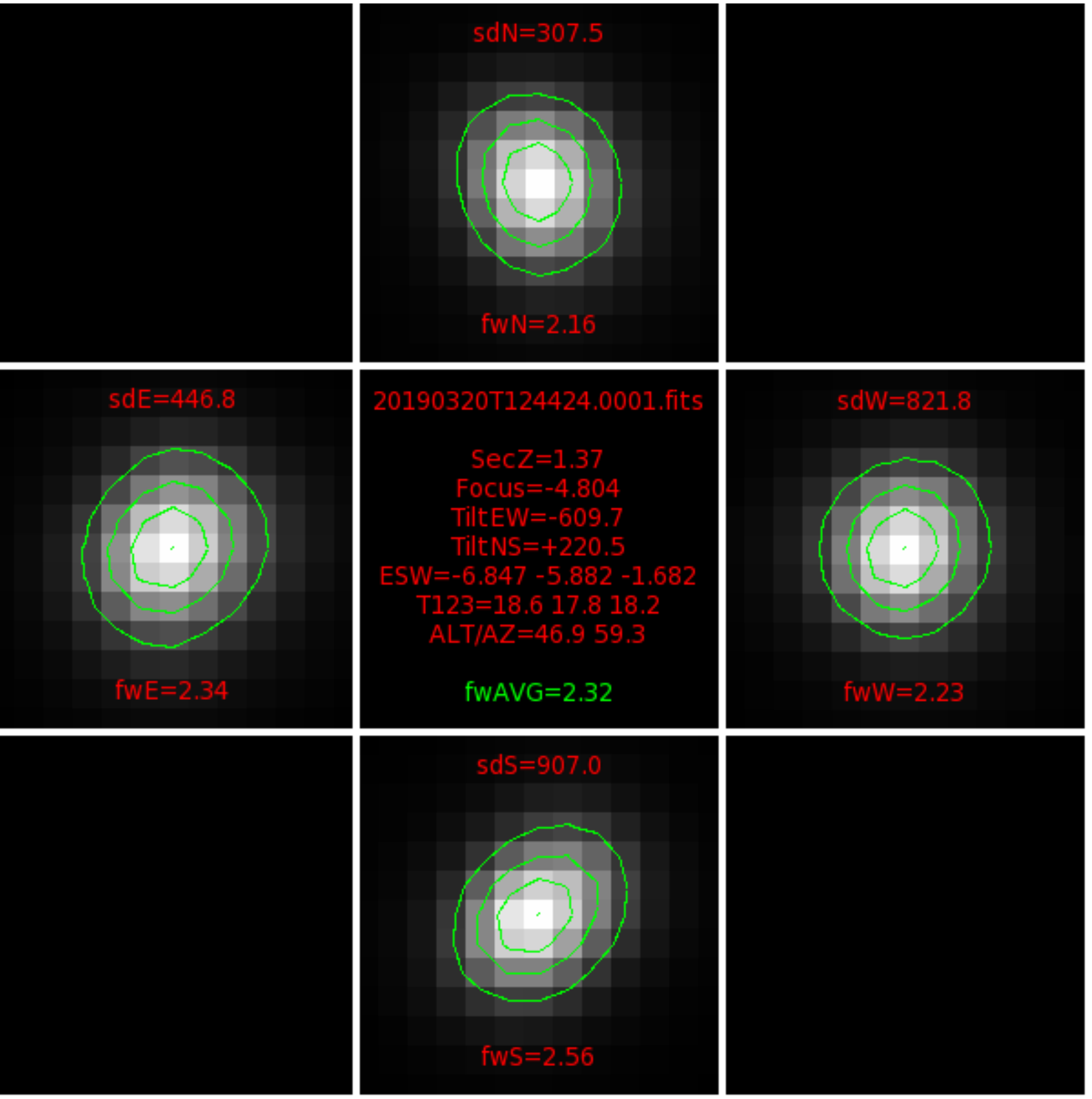
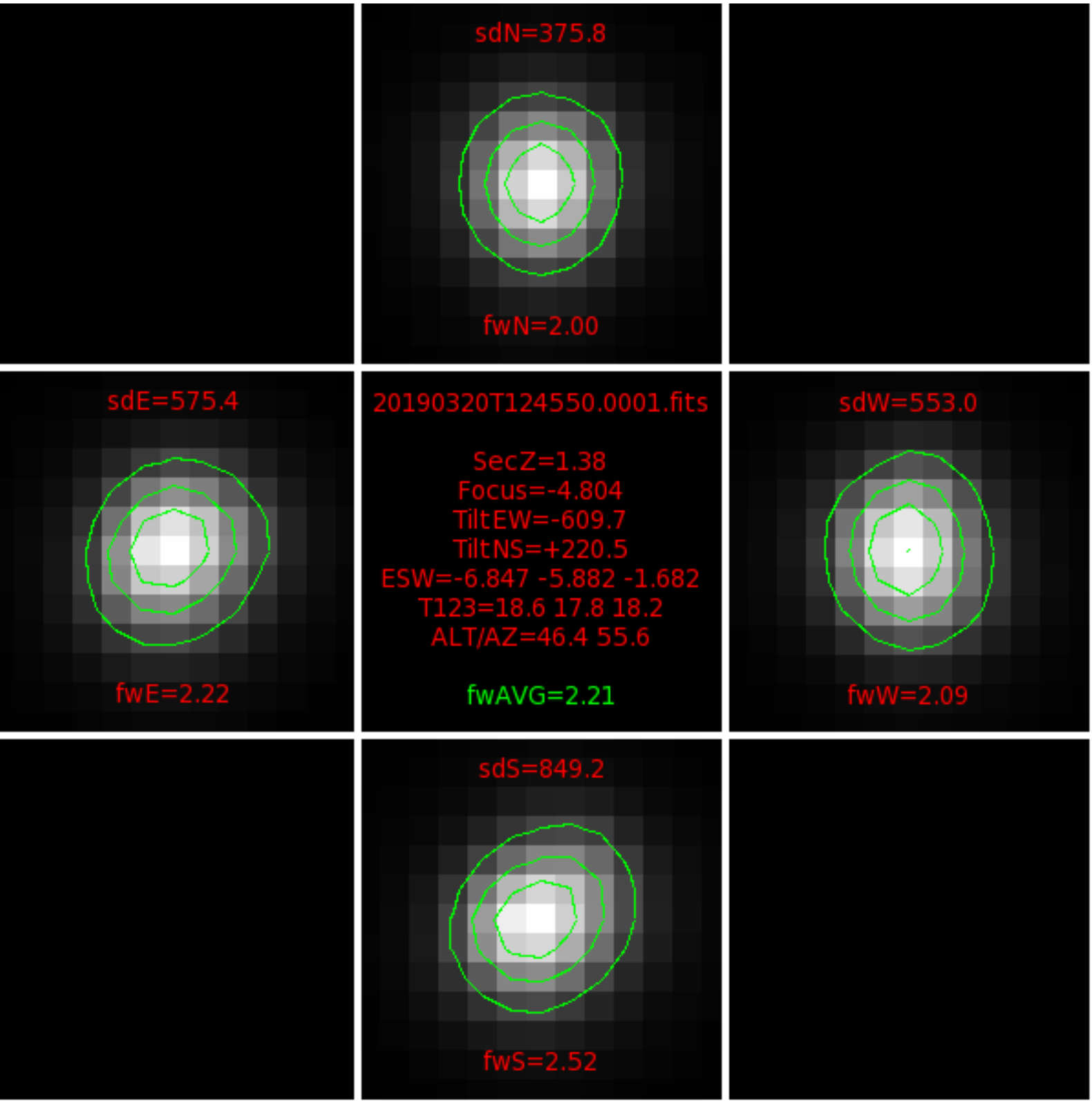

sdN=307.5
fwN=2.16
sdE=446.8
fwE=2.34
20190320T124424.0001.fits
SecZ=1.37
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.6 17.8 18.2
ALT/AZ=46.9 59.3
fwAVG=2.32
sdW=821.8
fwW=2.23
sdS=907.0
fwS=2.56
0 0 0 0 0 0 0 0 0


sdN=375.8
fwN=2.00
sdE=575.4
fwE=2.22
20190320T124550.0001.fits
SecZ=1.38
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.6 17.8 18.2
ALT/AZ=46.4 55.6
fwAVG=2.21
sdW=553.0
fwW=2.09
sdS=849.2
fwS=2.52
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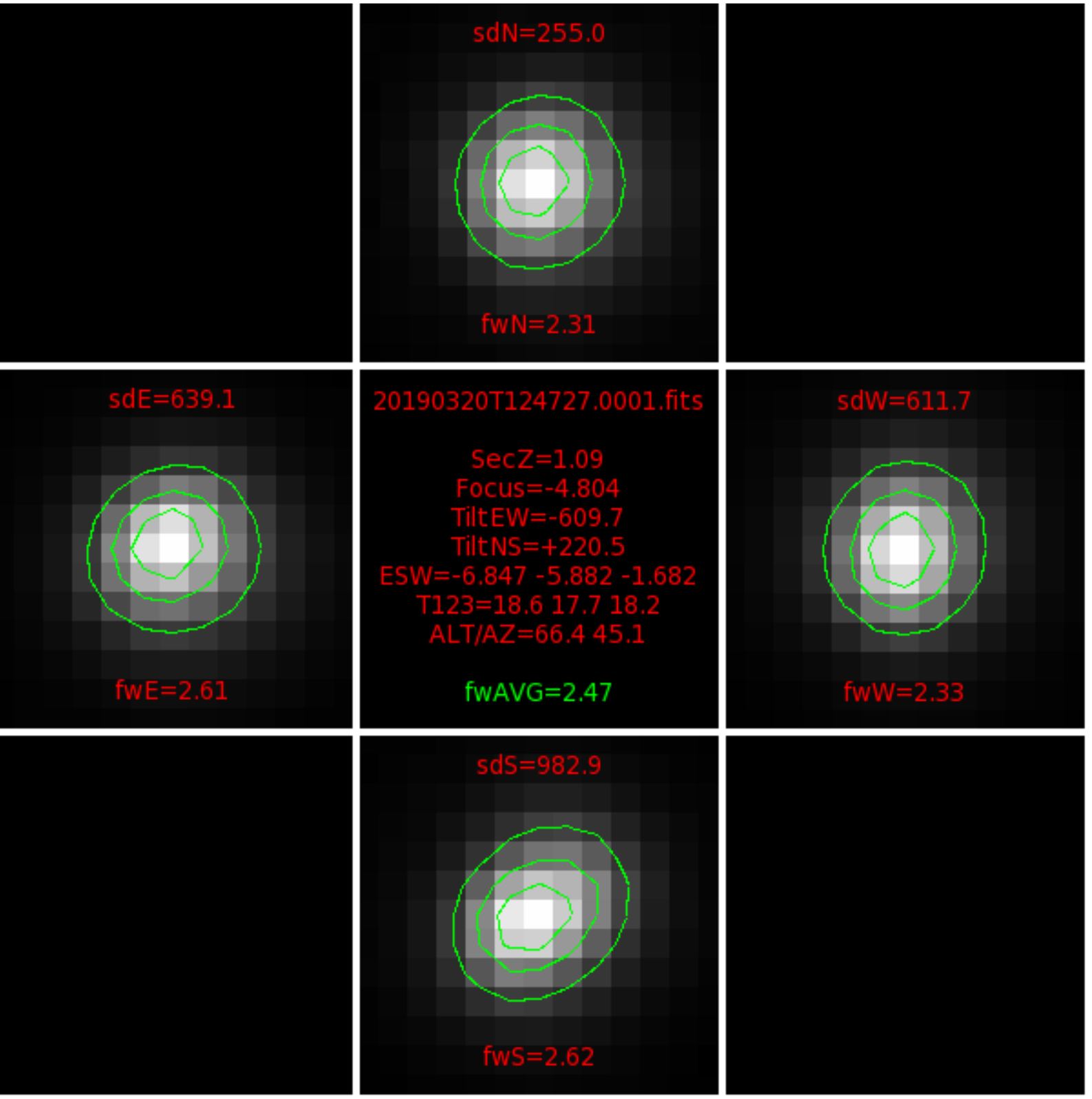
sdN=255.0
fwN=2.31
sdE=639.1
fwE=2.61
20190320T124727.0001.fits
SecZ=1.09
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.6 17.7 18.2
ALT/AZ=66.4 45.1
fwAVG=2.47
sdW=611.7
fwW=2.33
sdS=982.9
fwS=2.62
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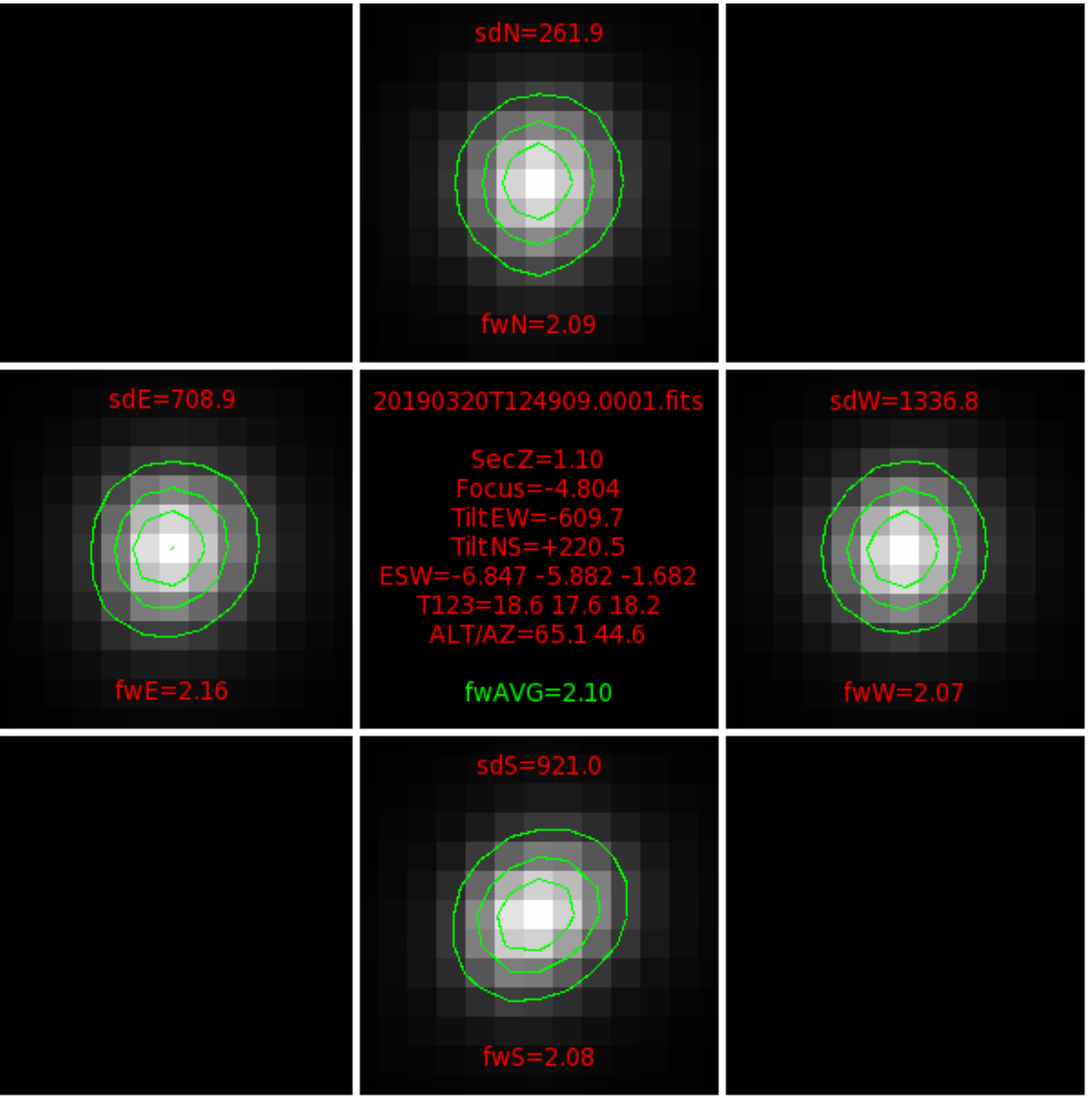
sdN=261.9
fwN=2.09
sdE=708.9
fwE=2.16
20190320T124909.0001.fits
SecZ=1.10
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.6 17.6 18.2
ALT/AZ=65.1 44.6
fwAVG=2.10
sdW=1336.8
fwW=2.07
sdS=921.0
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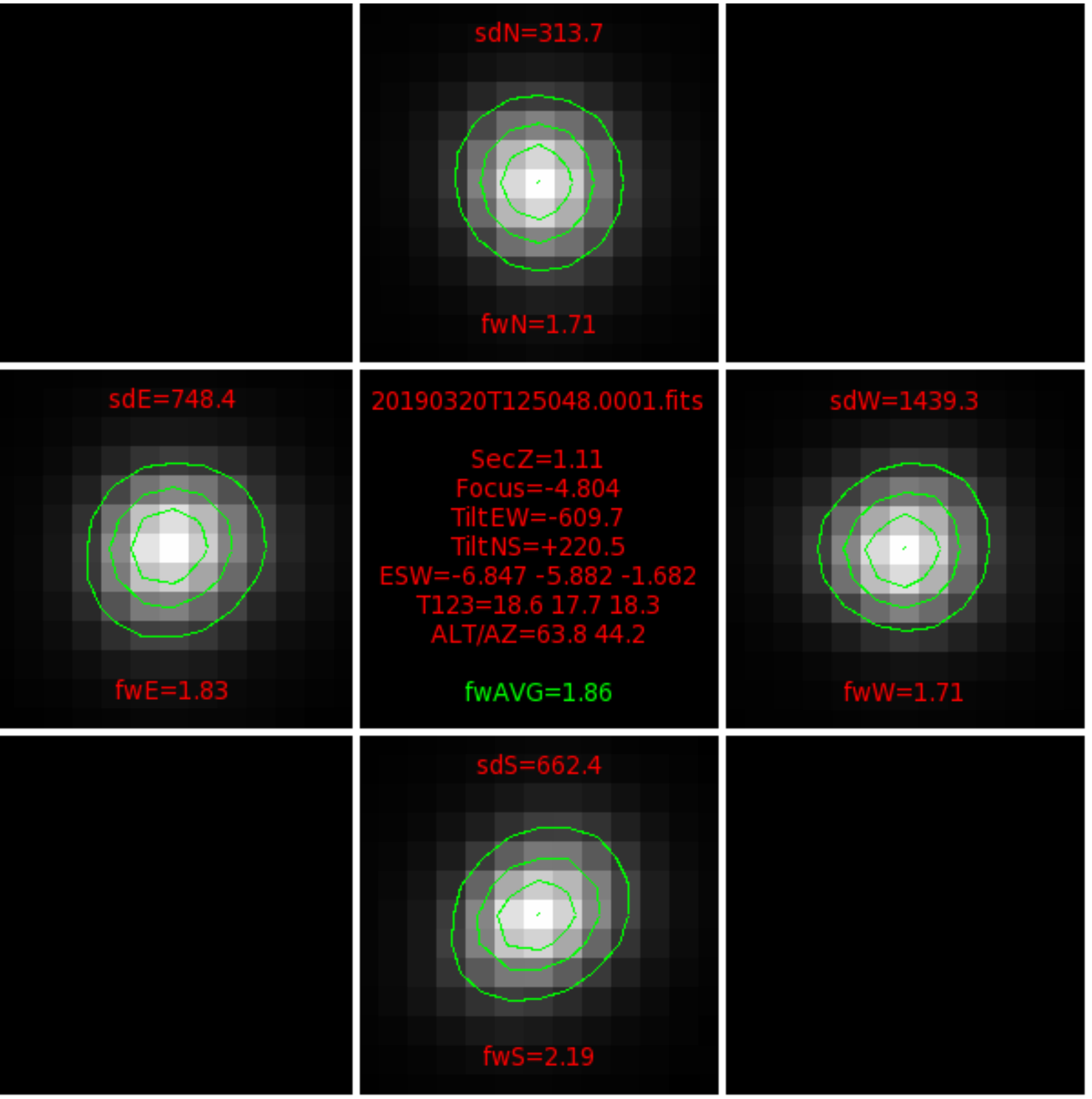
sdN=313.7
fwN=1.71
sdE=748.4
fwE=1.83
20190320T125048.0001.fits
SecZ=1.11
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.6 17.7 18.3
ALT/AZ=63.8 44.2
fwAVG=1.86
sdW=1439.3
fwW=1.71
sdS=662.4
fwS=2.19
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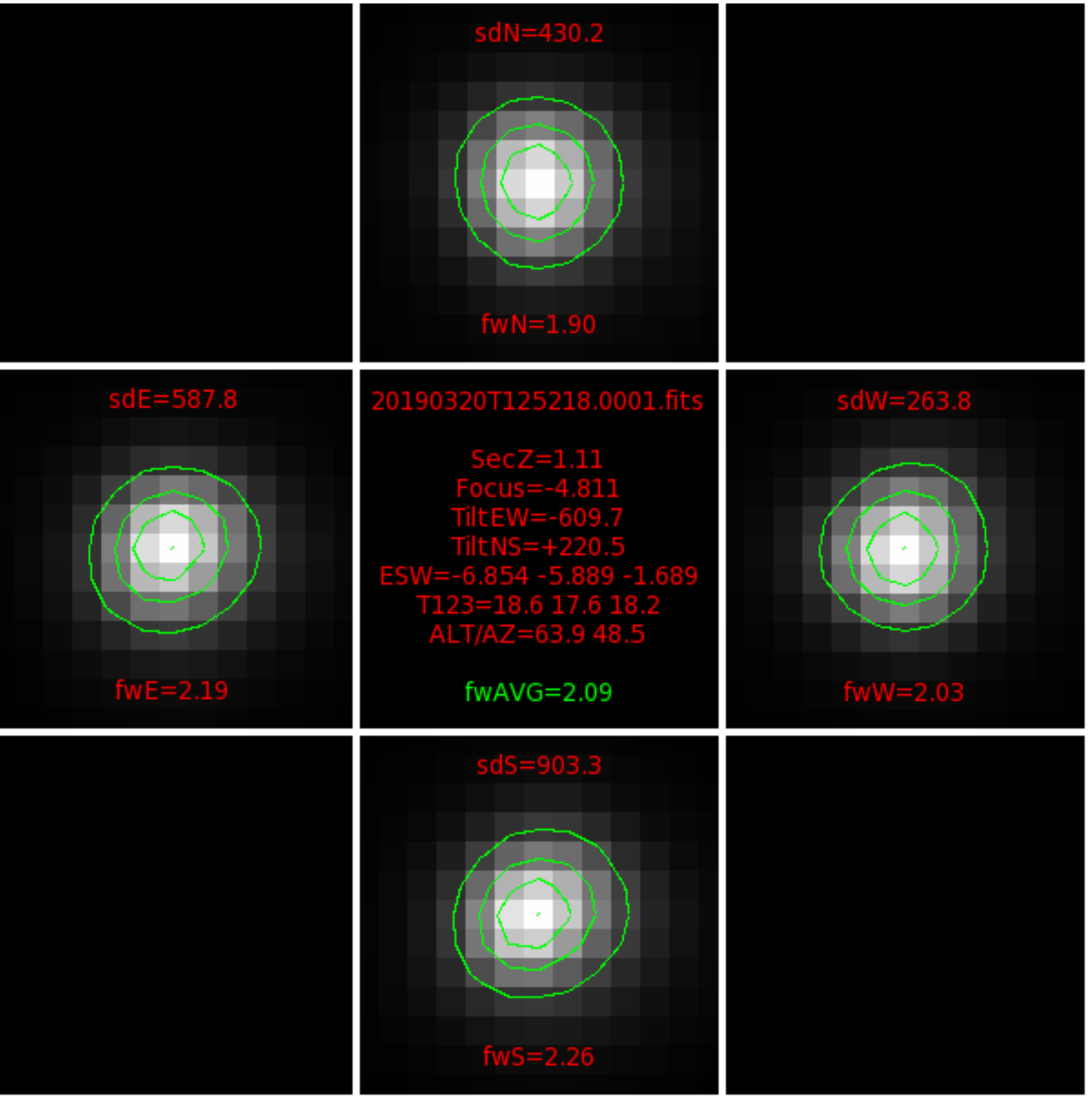
sdN=430.2
fwN=1.90
sdE=587.8
fwE=2.19
20190320T125218.0001.fits
SecZ=1.11
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.6 17.6 18.2
ALT/AZ=63.9 48.5
fwAVG=2.09
sdW=263.8
fwW=2.03
sdS=903.3
fwS=2.26
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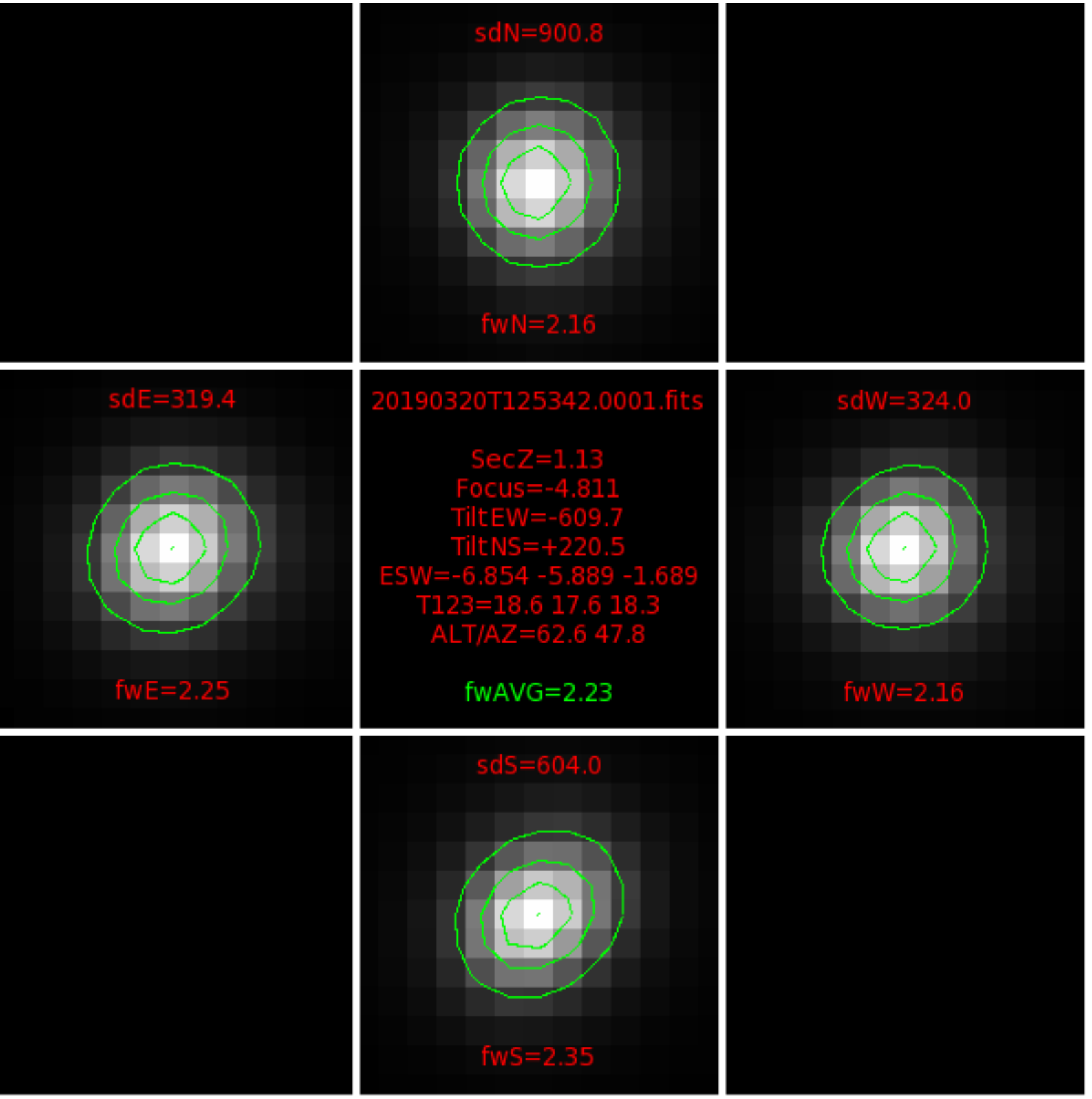
sdN=900.8
fwN=2.16
sdE=319.4
fwE=2.25
20190320T125342.0001.fits
SecZ=1.13
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.6 17.6 18.3
ALT/AZ=62.6 47.8
fwAVG=2.23
sdW=324.0
fwW=2.16
sdS=604.0
fwS=2.35
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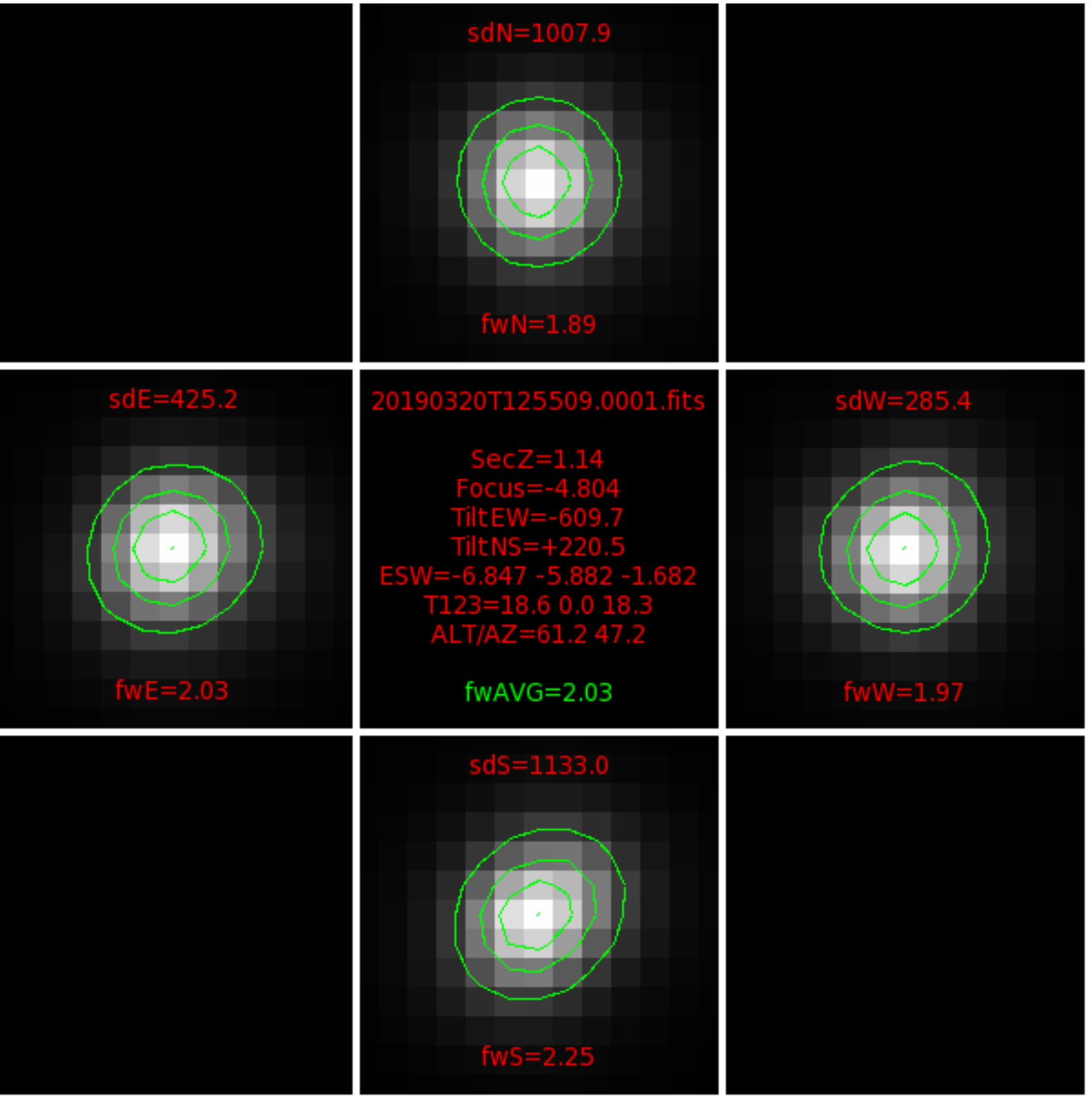
sdN=1007.9
fwN=1.89
sdE=425.2
fwE=2.03
20190320T125509.0001.fits
SecZ=1.14
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.6 0.0 18.3
ALT/AZ=61.2 47.2
fwAVG=2.03
sdW=285.4
fwW=1.97
sdS=1133.0
fwS=2.25
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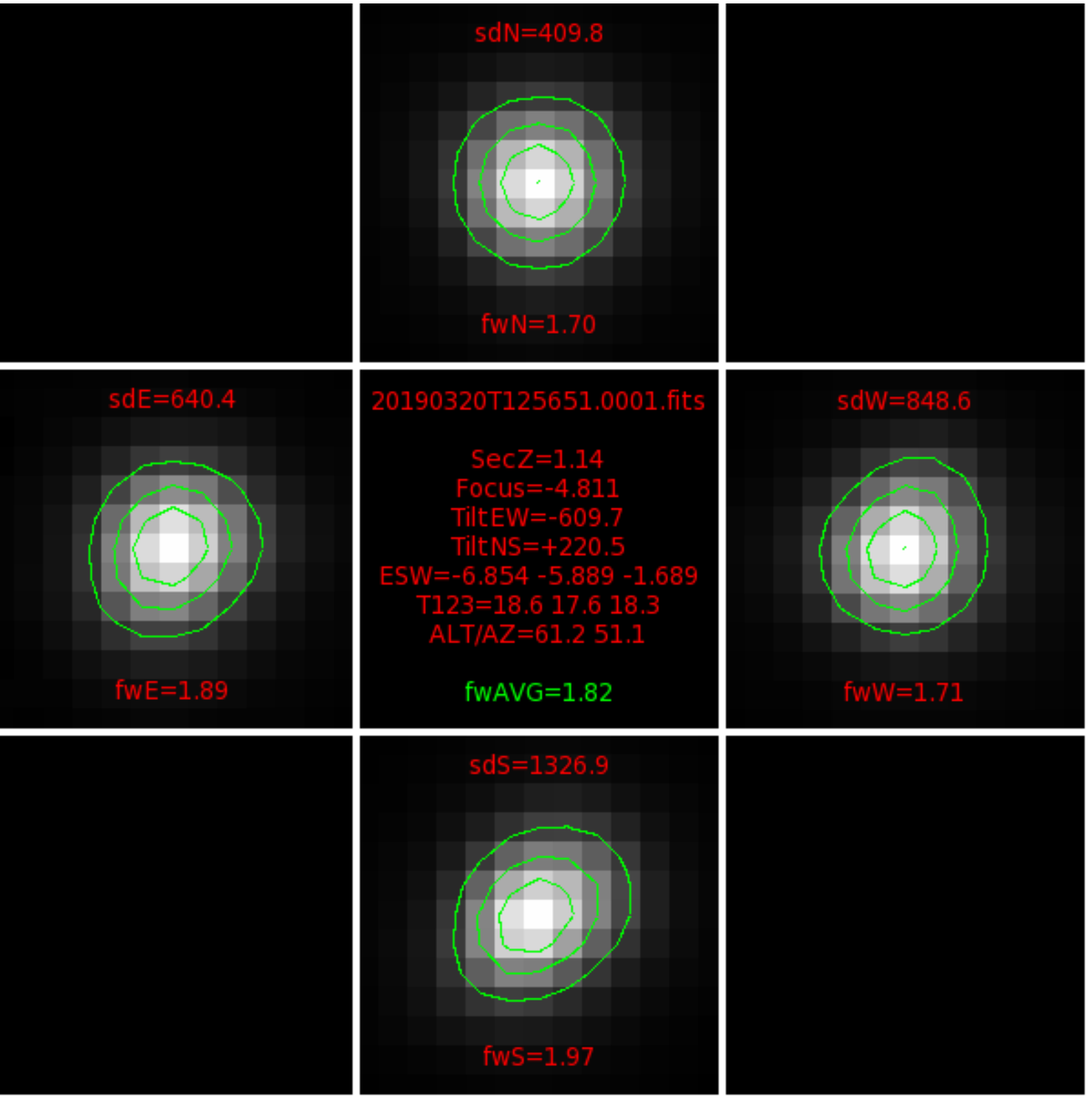
sdN=409.8
fwN=1.70
sdE=640.4
fwE=1.89
20190320T125651.0001.fits
SecZ=1.14
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.6 17.6 18.3
ALT/AZ=61.2 51.1
fwAVG=1.82
sdW=848.6
fwW=1.71
sdS=1326.9
fwS=1.97
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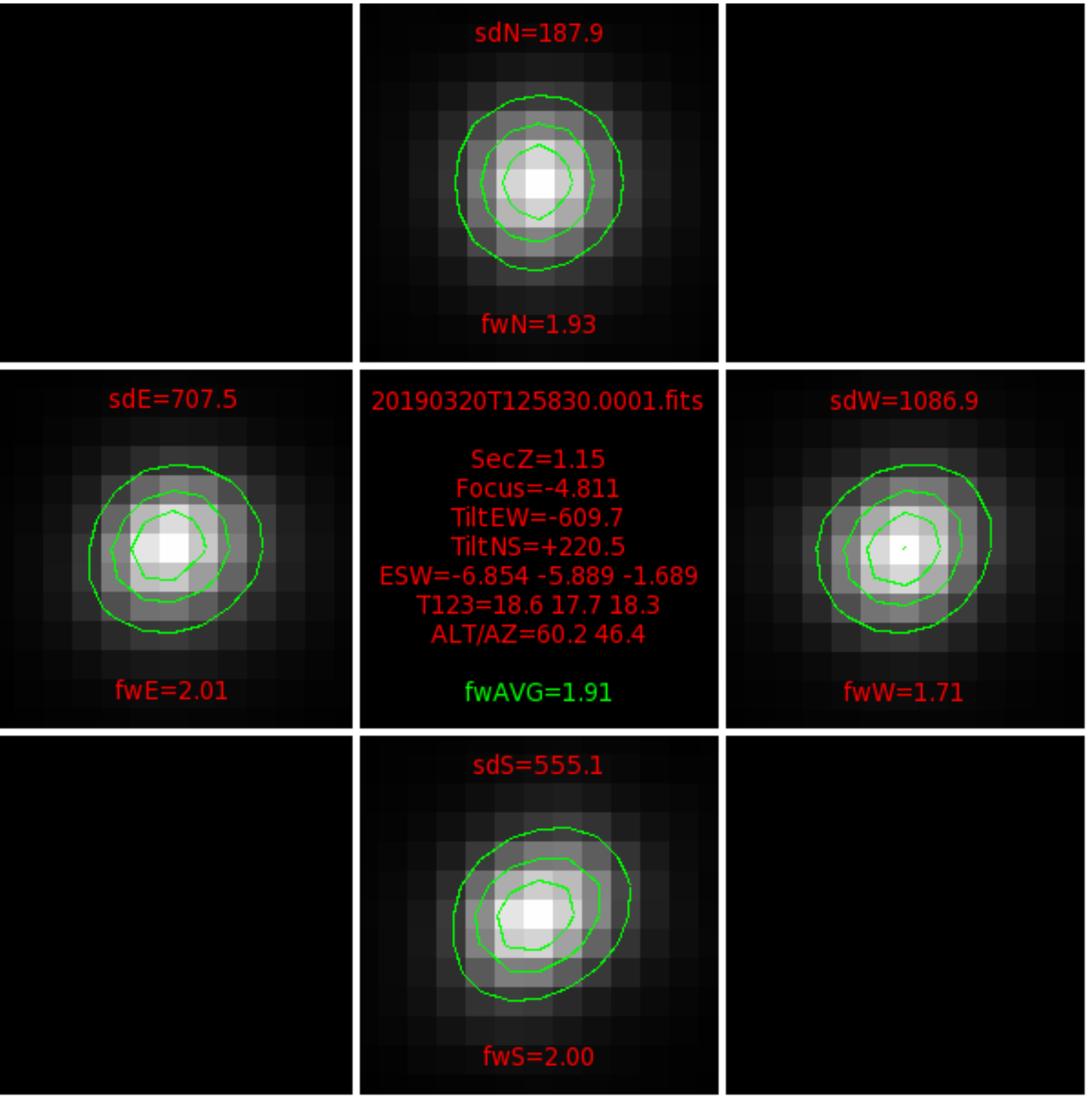
sdN=187.9
fwN=1.93
sdE=707.5
fwE=2.01
20190320T125830.0001.fits
SecZ=1.15
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.6 17.7 18.3
ALT/AZ=60.2 46.4
fwAVG=1.91
sdW=1086.9
fwW=1.71
sdS=555.1
fwS=2.00
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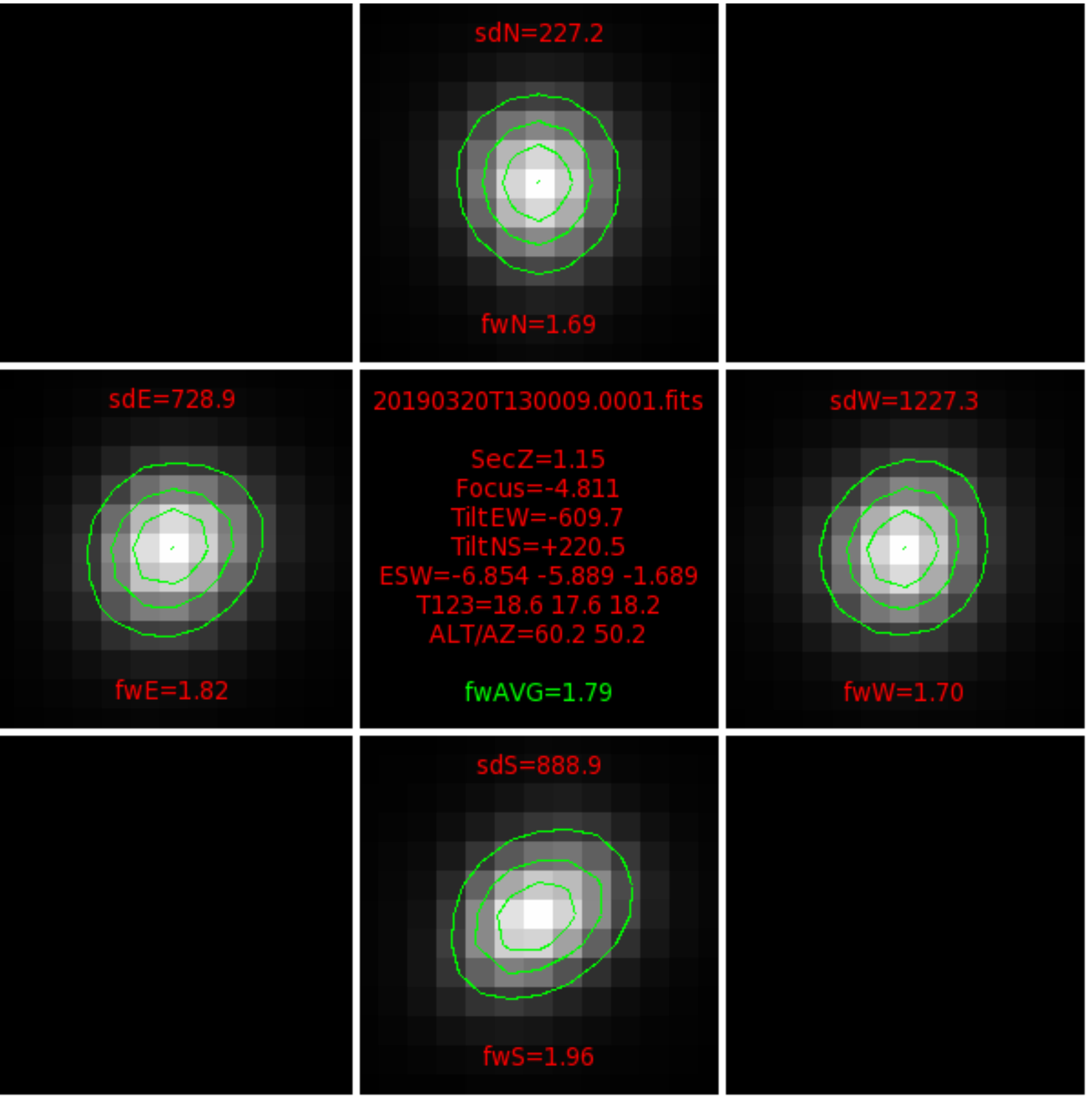
sdN=227.2
fwN=1.69
sdE=728.9
fwE=1.82
20190320T130009.0001.fits
SecZ=1.15
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.6 17.6 18.2
ALT/AZ=60.2 50.2
fwAVG=1.79
sdW=1227.3
fwW=1.70
sdS=888.9
fwS=1.96
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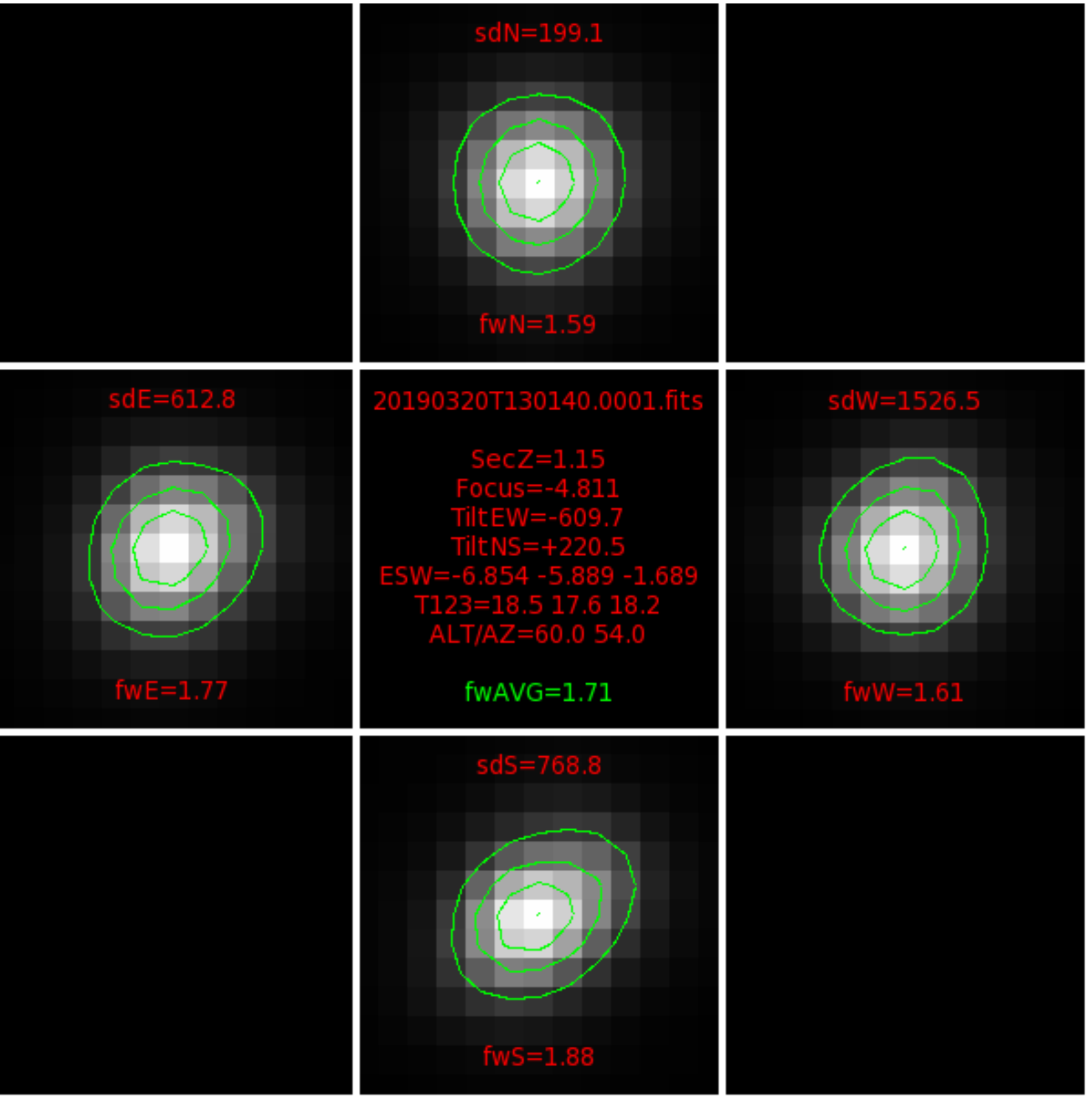
sdN=199.1
fwN=1.59
sdE=612.8
fwE=1.77
20190320T130140.0001.fits
SecZ=1.15
Focus=-4.811
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.854 -5.889 -1.689
T123=18.5 17.6 18.2
ALT/AZ=60.0 54.0
fwAVG=1.71
sdW=1526.5
fwW=1.61
sdS=768.8
fwS=1.88
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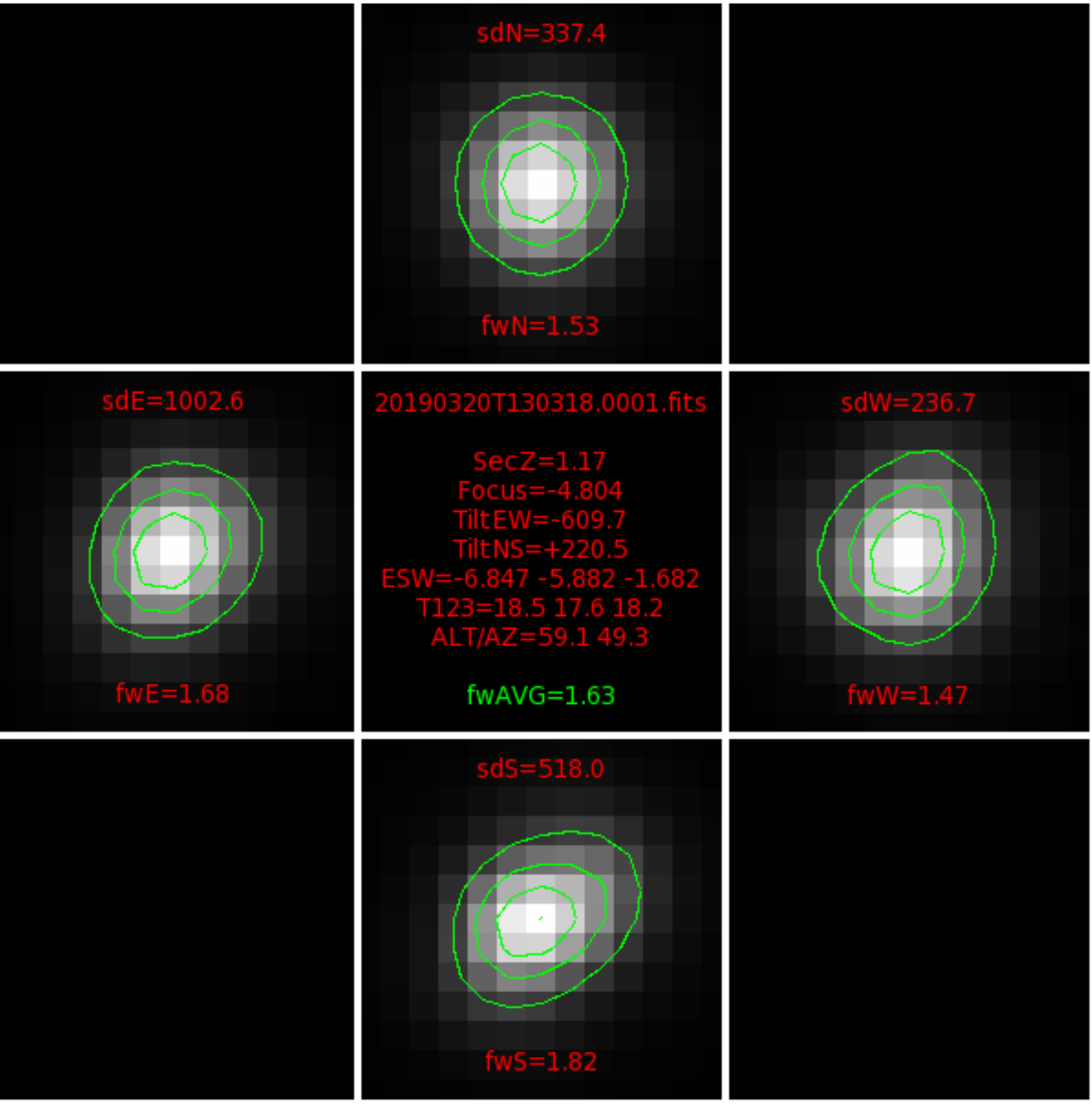
sdN=337.4
fwN=1.53
sdE=1002.6
fwE=1.68
20190320T130318.0001.fits
SecZ=1.17
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=59.1 49.3
fwAVG=1.63
sdW=236.7
fwW=1.47
sdS=518.0
fwS=1.82
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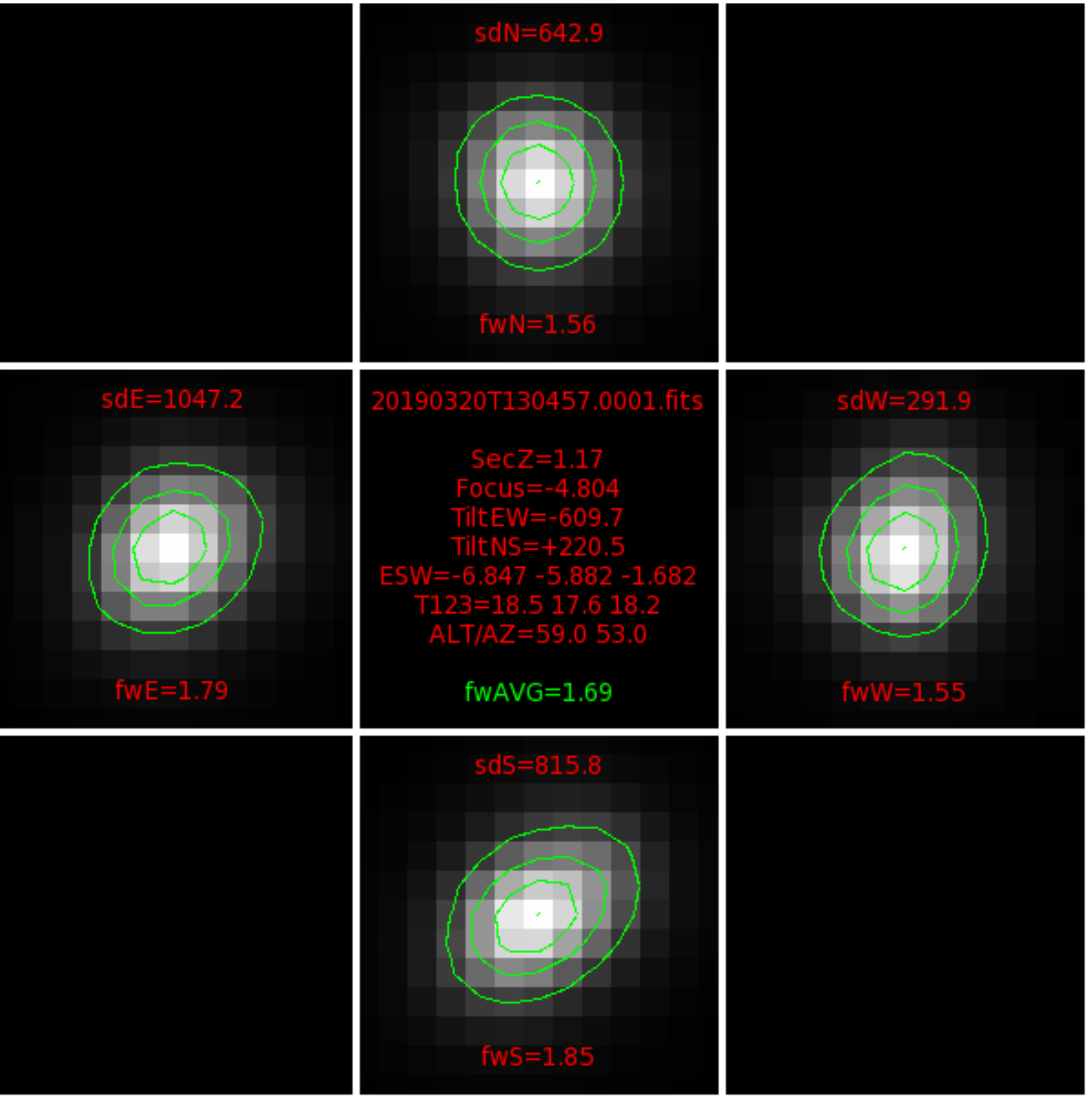
sdN=642.9
fwN=1.56
sdE=1047.2
fwE=1.79
20190320T130457.0001.fits
SecZ=1.17
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=59.0 53.0
fwAVG=1.69
sdW=291.9
fwW=1.55
sdS=815.8
fwS=1.85
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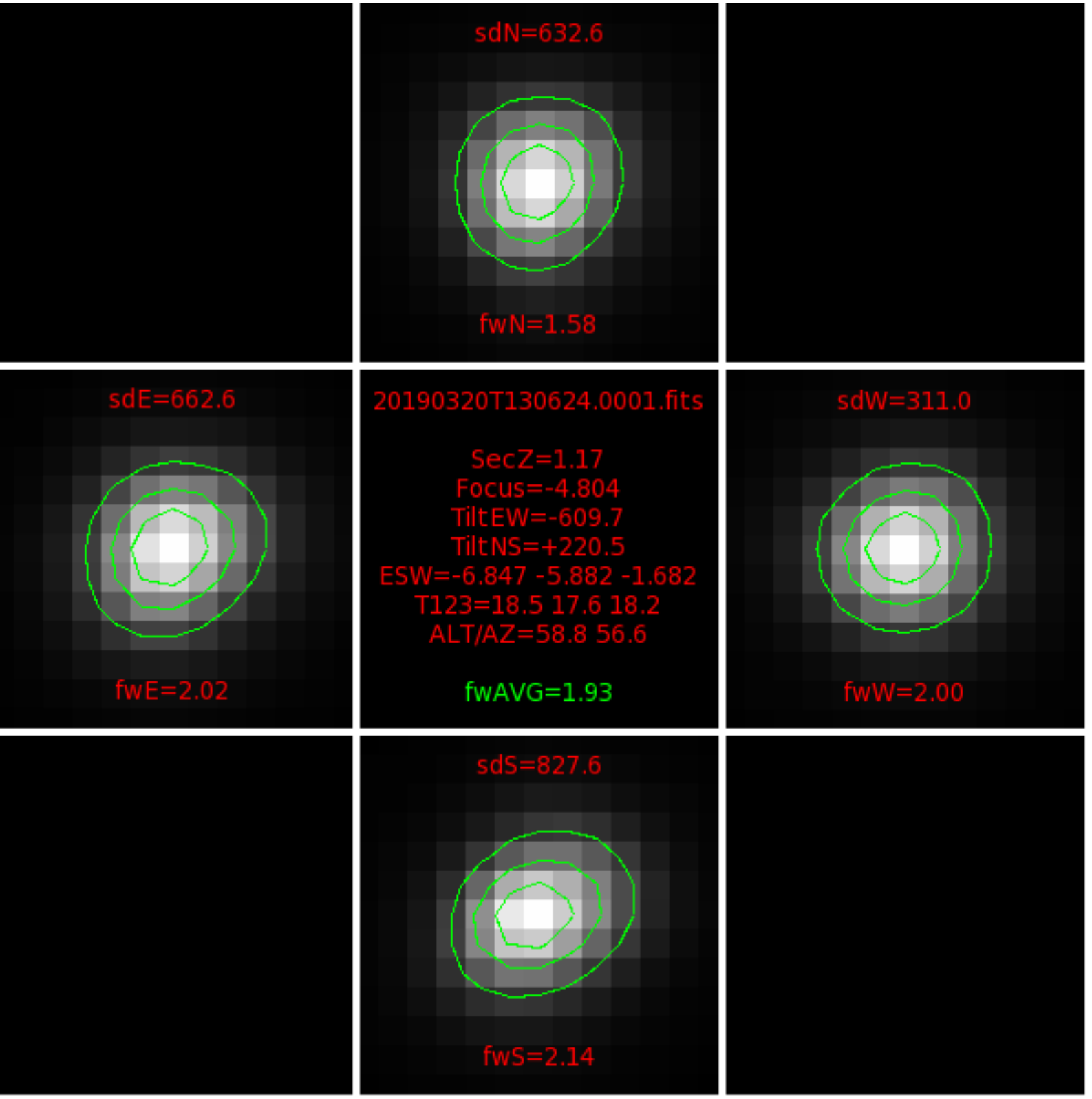
sdN=632.6
fwN=1.58
sdE=662.6
fwE=2.02
20190320T130624.0001.fits
SecZ=1.17
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=58.8 56.6
fwAVG=1.93
sdW=311.0
fwW=2.00
sdS=827.6
fwS=2.14
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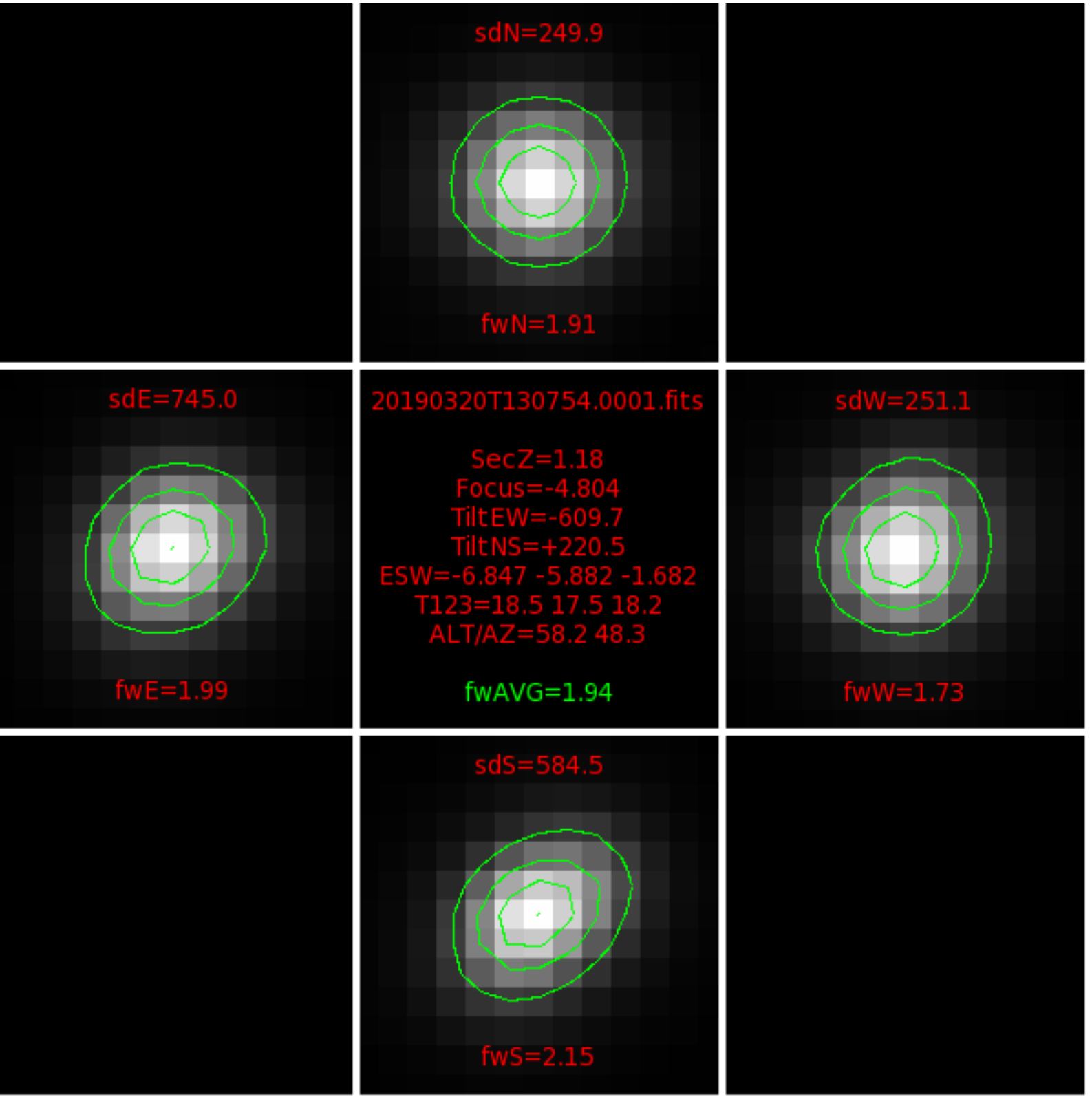
sdN=249.9
fwN=1.91
sdE=745.0
fwE=1.99
20190320T130754.0001.fits
SecZ=1.18
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.5 18.2
ALT/AZ=58.2 48.3
fwAVG=1.94
sdW=251.1
fwW=1.73
sdS=584.5
fwS=2.15
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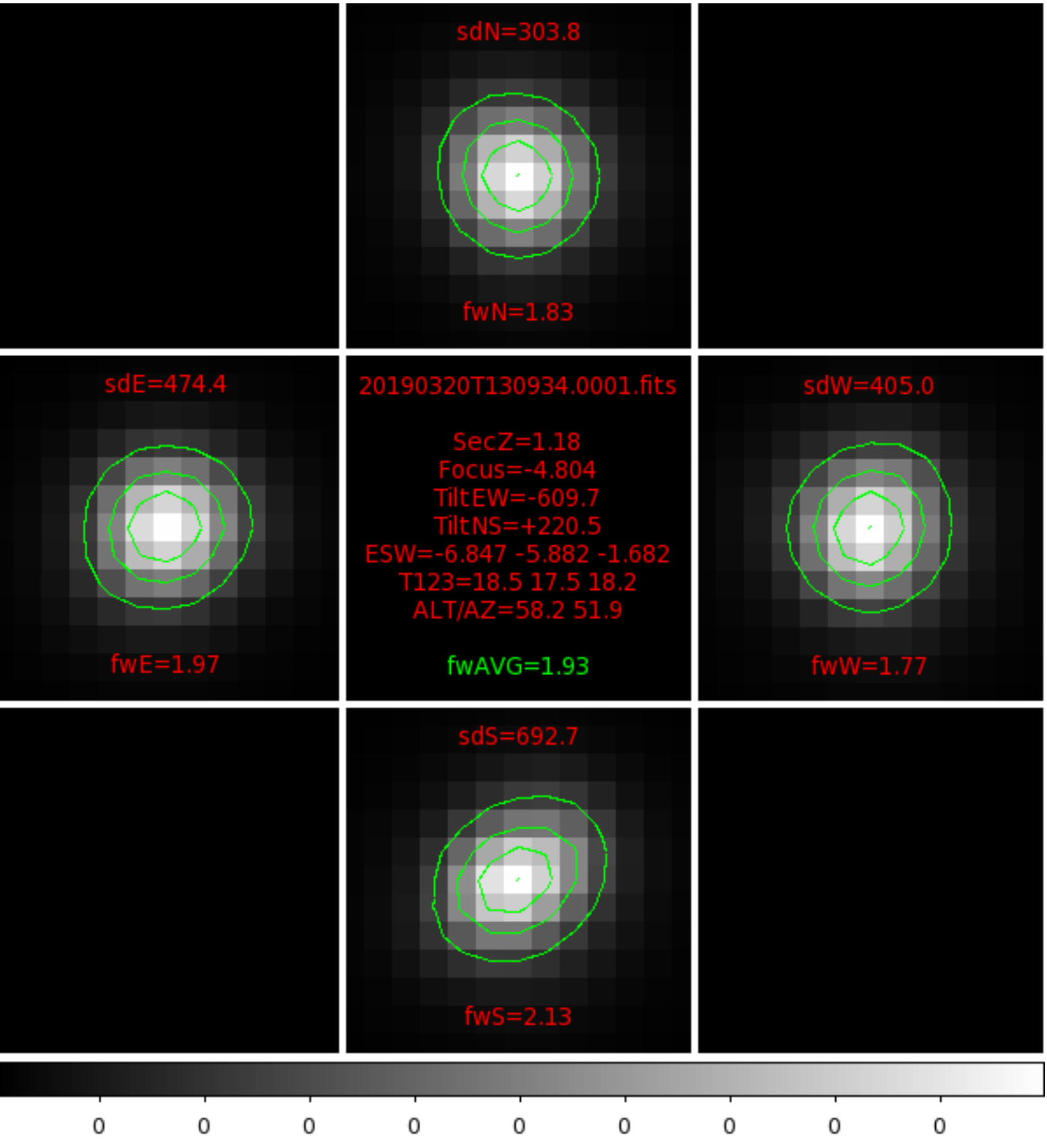
sdN=303.8
fwN=1.83
sdE=474.4
fwE=1.97
20190320T130934.0001.fits
SecZ=1.18
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.5 18.2
ALT/AZ=58.2 51.9
fwAVG=1.93
sdW=405.0
fwW=1.77
sdS=692.7
fwS=2.13
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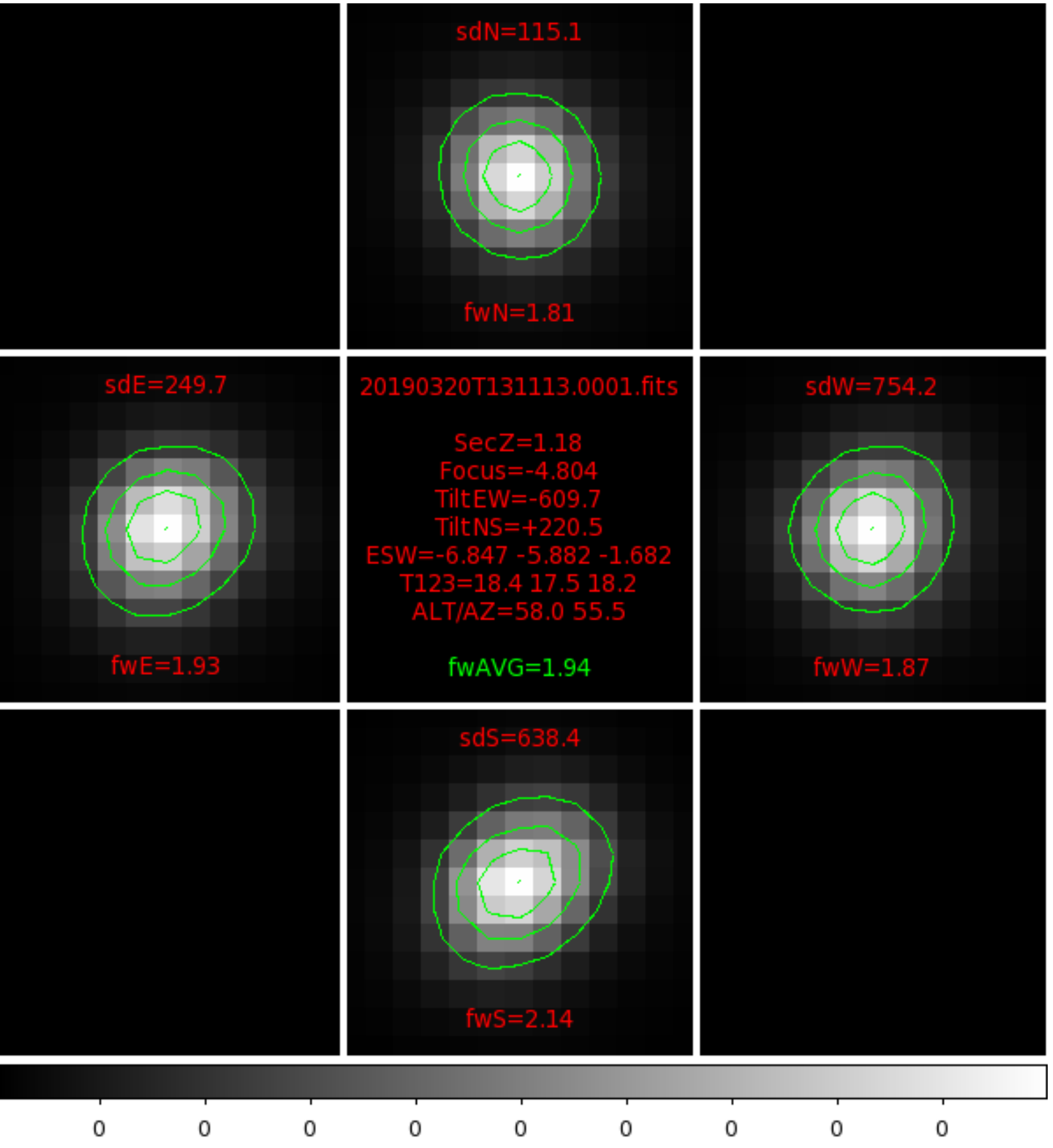
sdN=115.1
fwN=1.81
sdE=249.7
fwE=1.93
20190320T131113.0001.fits
SecZ=1.18
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.4 17.5 18.2
ALT/AZ=58.0 55.5
fwAVG=1.94
sdW=754.2
fwW=1.87
sdS=638.4
fwS=2.14
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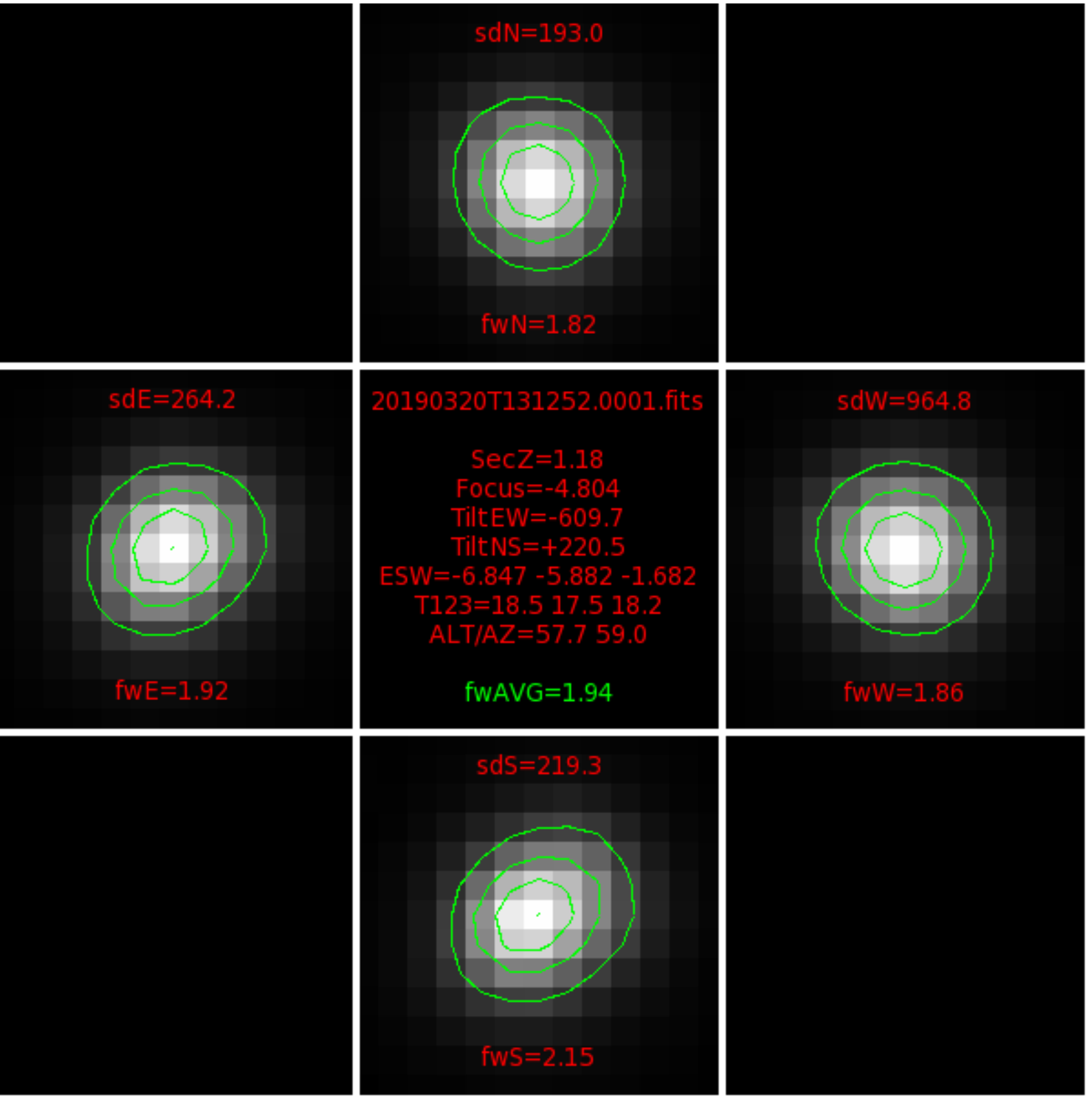
sdN=193.0
fwN=1.82
sdE=264.2
fwE=1.92
20190320T131252.0001.fits
SecZ=1.18
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.5 18.2
ALT/AZ=57.7 59.0
fwAVG=1.94
sdW=964.8
fwW=1.86
sdS=219.3
fwS=2.15
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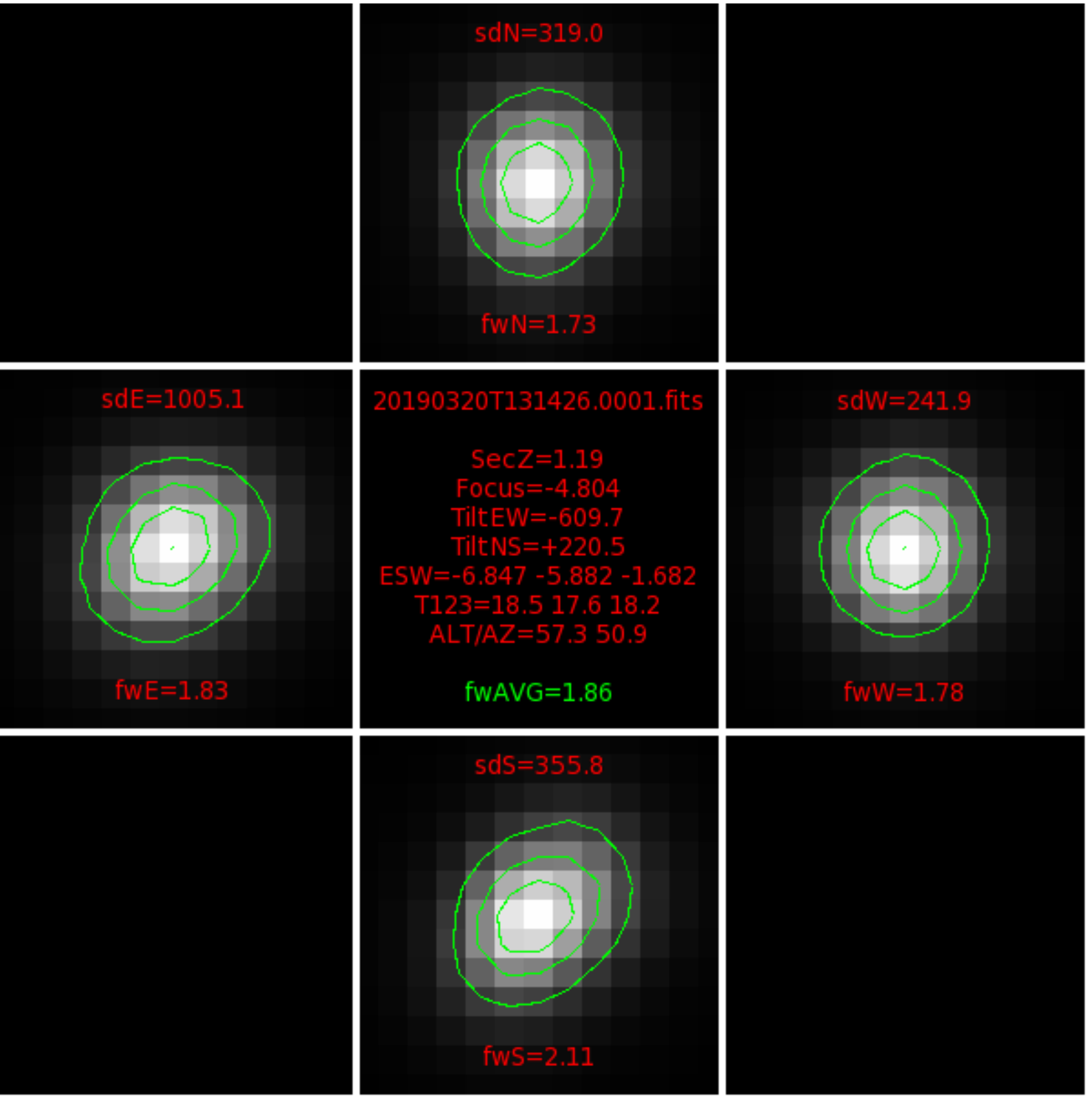
sdN=319.0
fwN=1.73
sdE=1005.1
fwE=1.83
20190320T131426.0001.fits
SecZ=1.19
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=57.3 50.9
fwAVG=1.86
sdW=241.9
fwW=1.78
sdS=355.8
fwS=2.11
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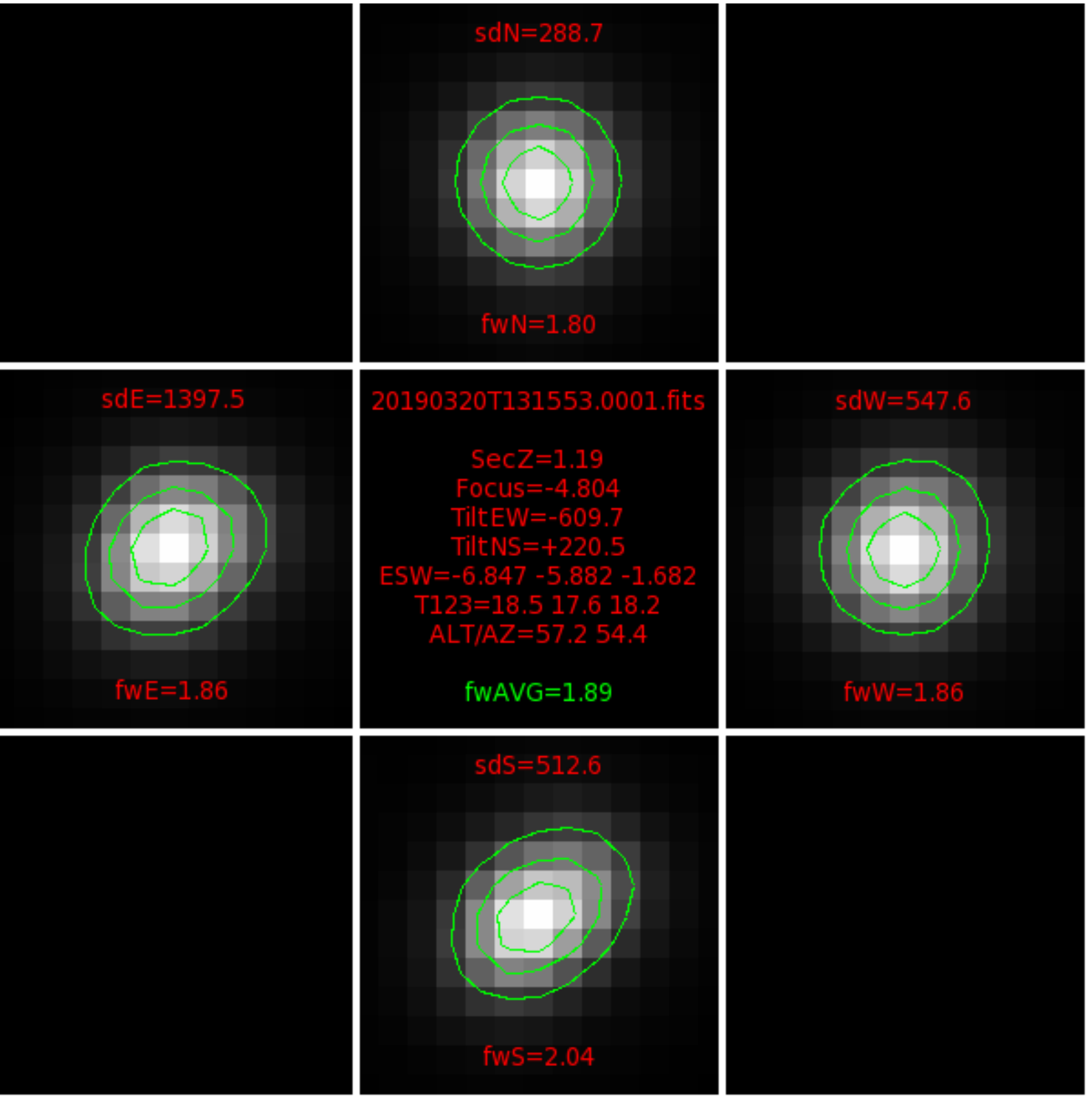
sdN=288.7
fwN=1.80
sdE=1397.5
fwE=1.86
20190320T131553.0001.fits
SecZ=1.19
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=57.2 54.4
fwAVG=1.89
sdW=547.6
fwW=1.86
sdS=512.6
fwS=2.04
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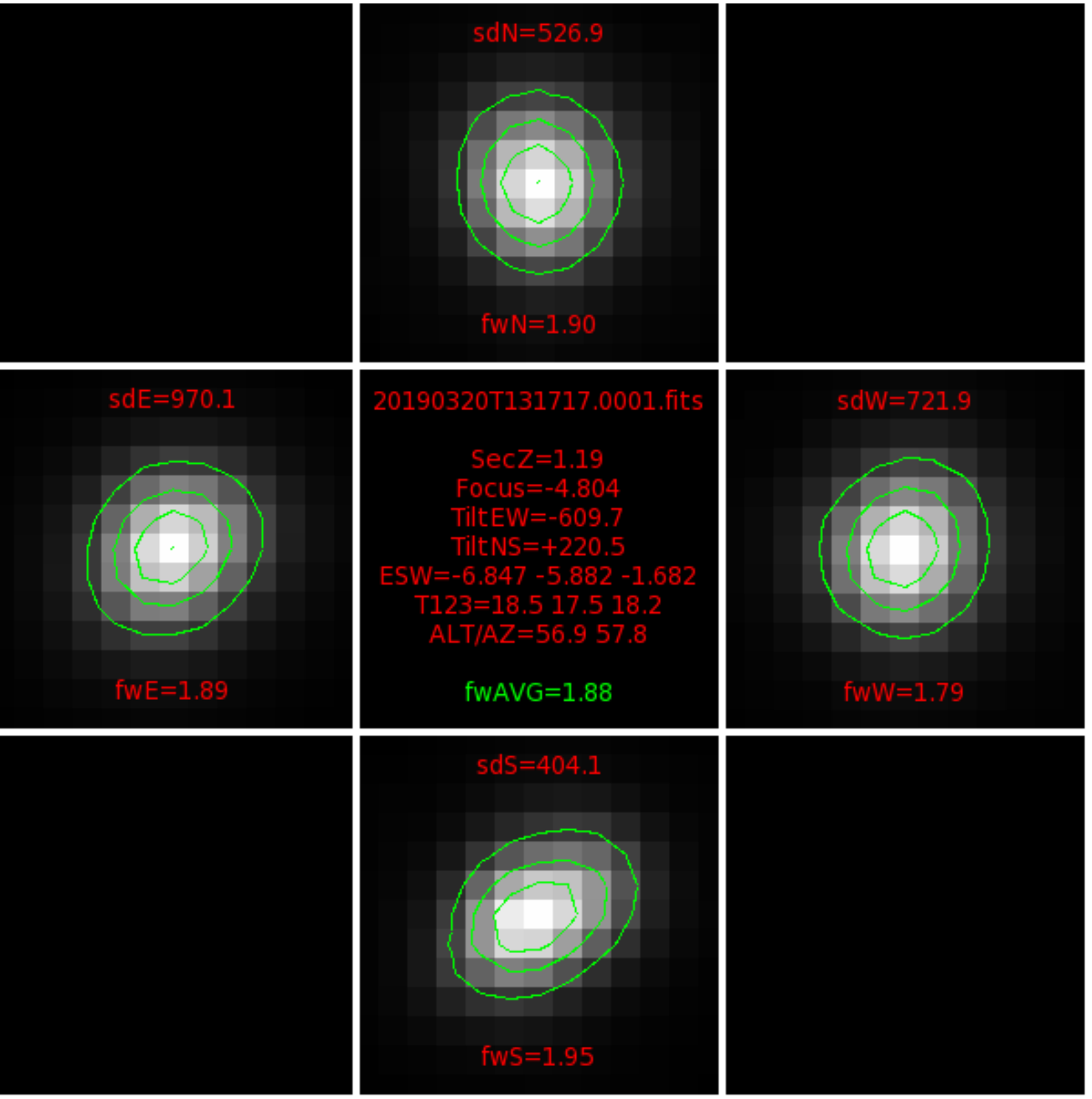
sdN=526.9
fwN=1.90
sdE=970.1
fwE=1.89
20190320T131717.0001.fits
SecZ=1.19
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.5 18.2
ALT/AZ=56.9 57.8
fwAVG=1.88
sdW=721.9
fwW=1.79
sdS=404.1
fwS=1.95
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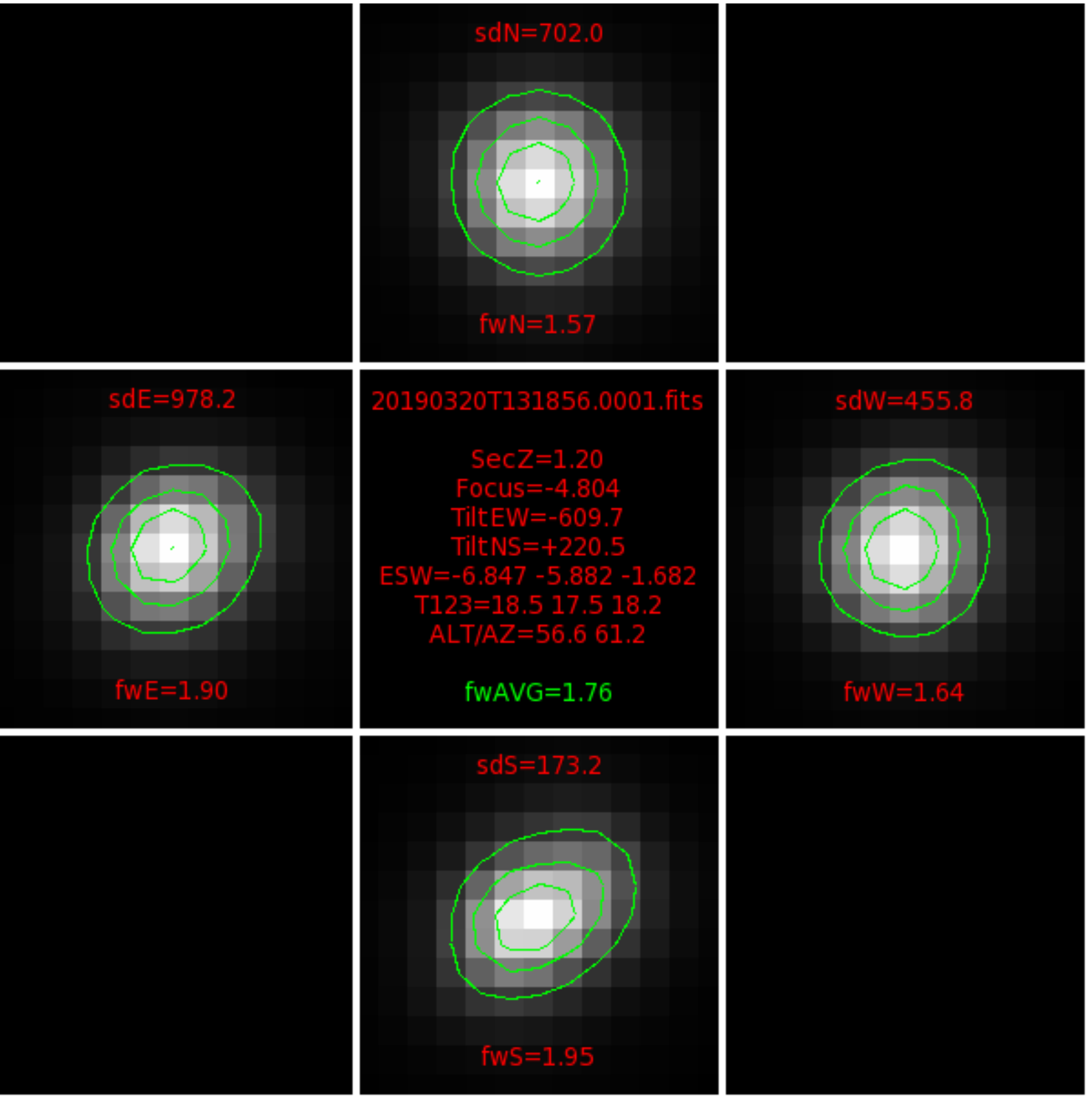
sdN=702.0
fwN=1.57
sdE=978.2
fwE=1.90
20190320T131856.0001.fits
SecZ=1.20
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.5 18.2
ALT/AZ=56.6 61.2
fwAVG=1.76
sdW=455.8
fwW=1.64
sdS=173.2
fwS=1.95
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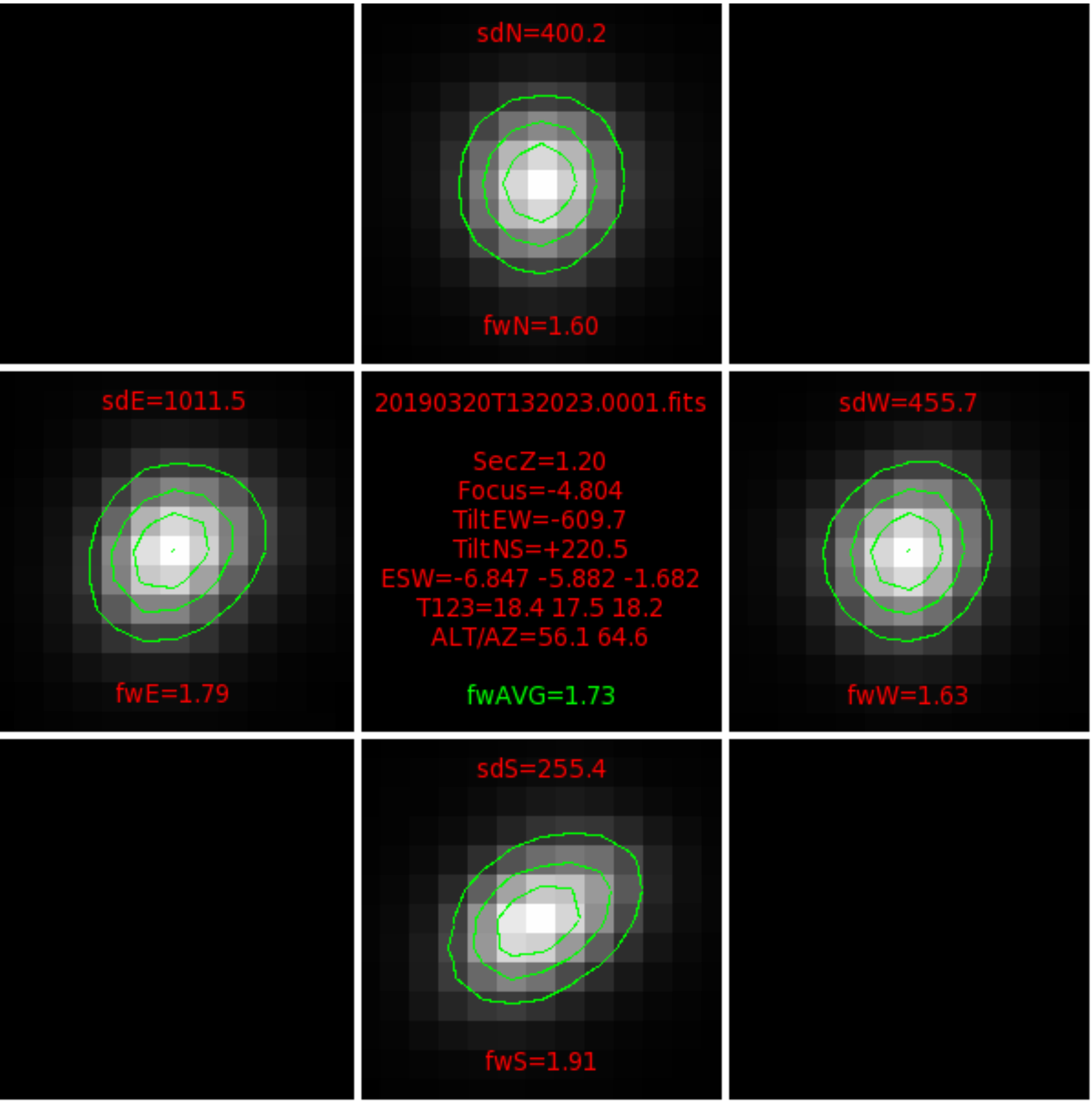
sdN=400.2
fwN=1.60
sdE=1011.5
fwE=1.79
20190320T132023.0001.fits
SecZ=1.20
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.4 17.5 18.2
ALT/AZ=56.1 64.6
fwAVG=1.73
sdW=455.7
fwW=1.63
sdS=255.4
fwS=1.91
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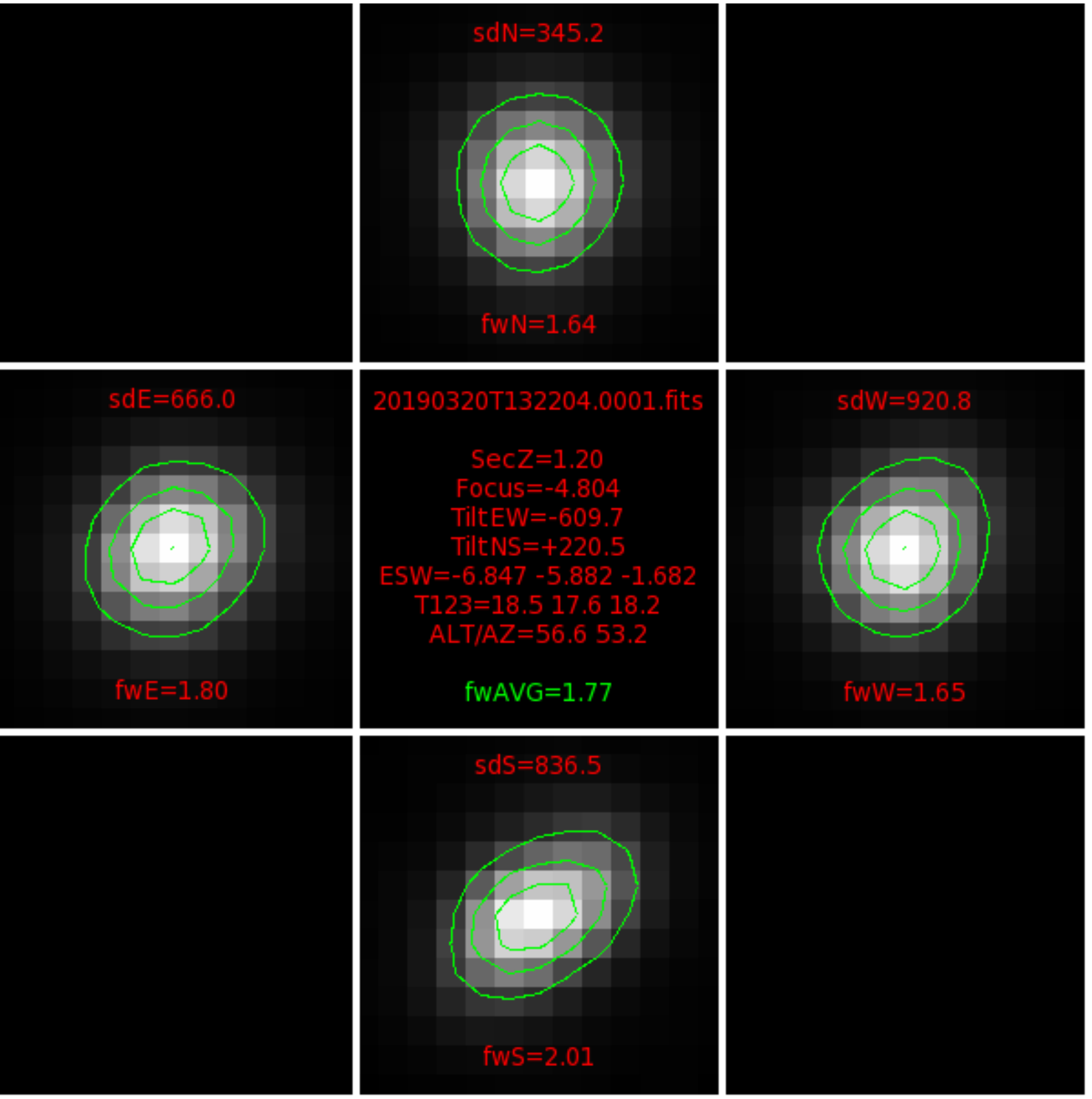
sdN=345.2
fwN=1.64
sdE=666.0
fwE=1.80
20190320T132204.0001.fits
SecZ=1.20
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=56.6 53.2
fwAVG=1.77
sdW=920.8
fwW=1.65
sdS=836.5
fwS=2.01
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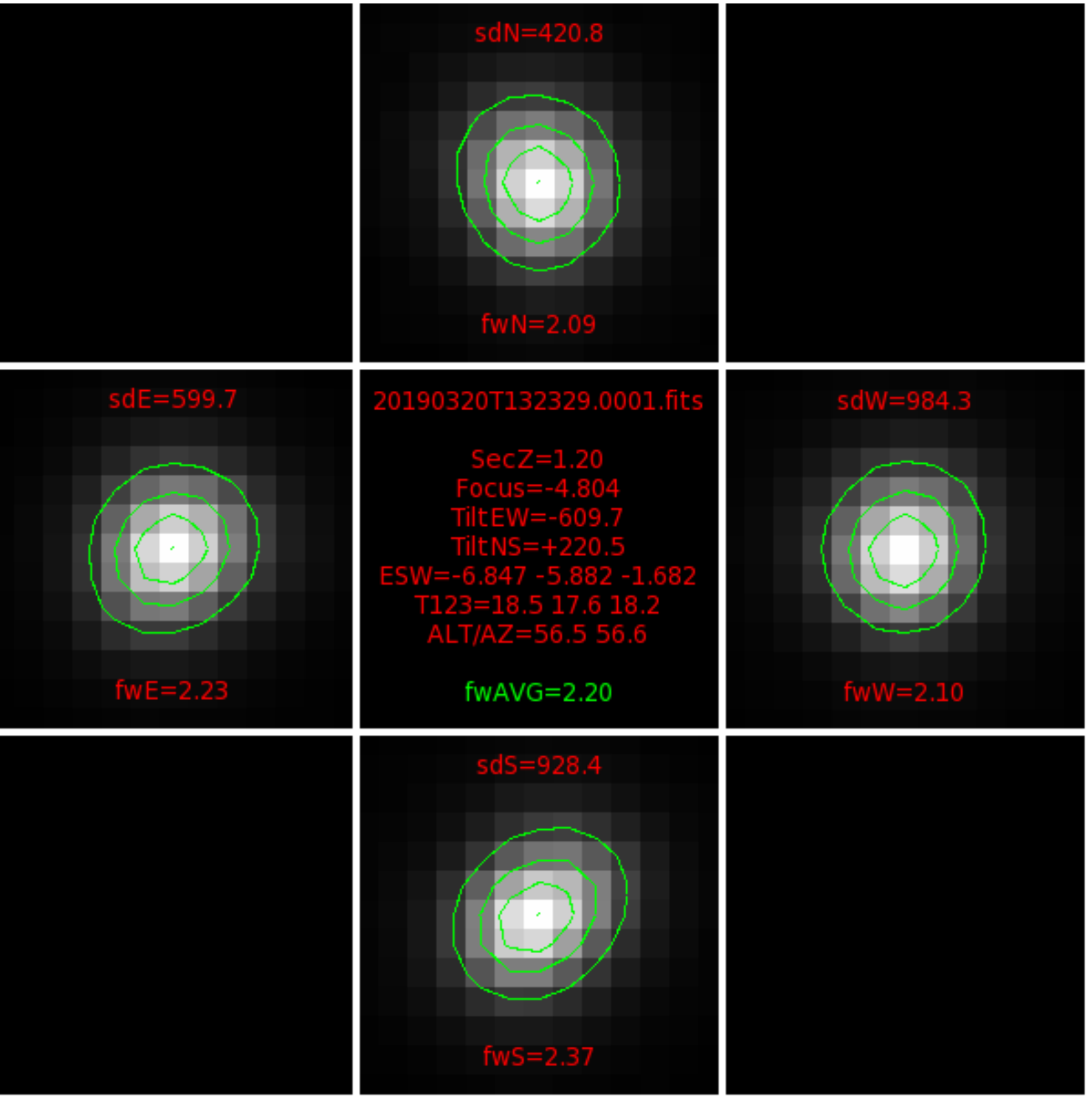
sdN=420.8
fwN=2.09
sdE=599.7
fwE=2.23
20190320T132329.0001.fits
SecZ=1.20
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=56.5 56.6
fwAVG=2.20
sdW=984.3
fwW=2.10
sdS=928.4
fwS=2.37
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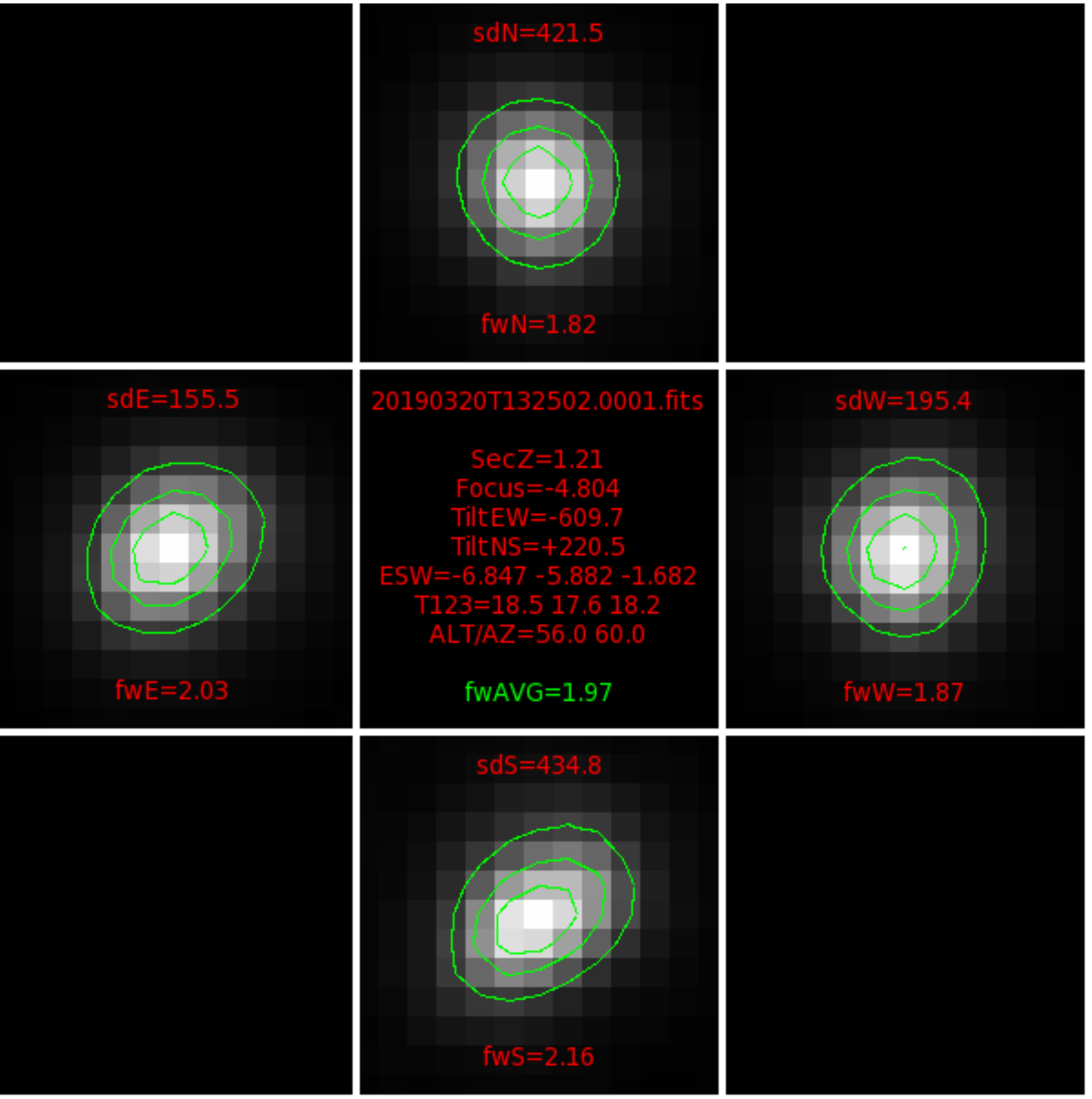
sdN=421.5
fwN=1.82
sdE=155.5
fwE=2.03
20190320T132502.0001.fits
SecZ=1.21
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.2
ALT/AZ=56.0 60.0
fwAVG=1.97
sdW=195.4
fwW=1.87
sdS=434.8
fwS=2.16
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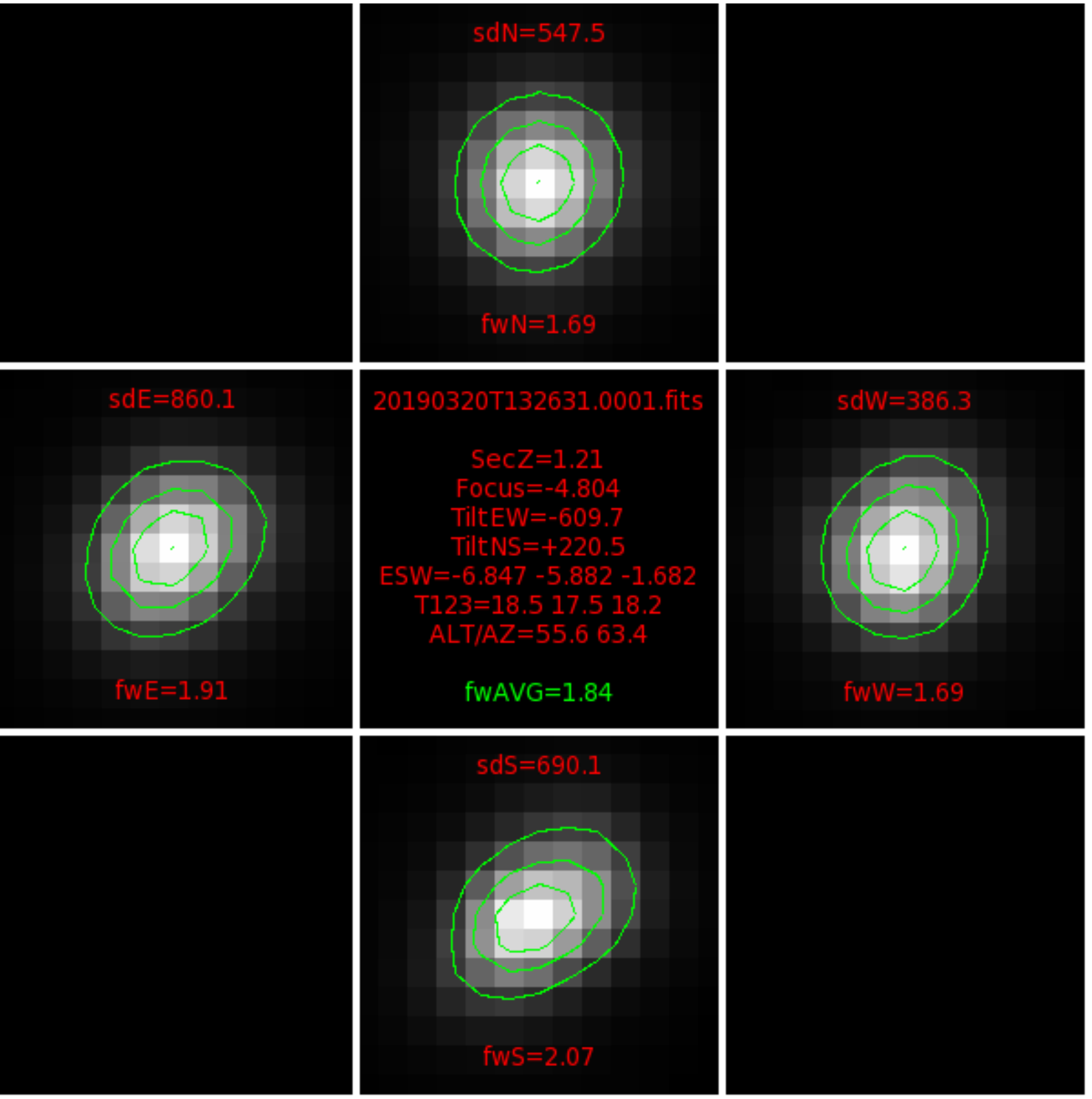
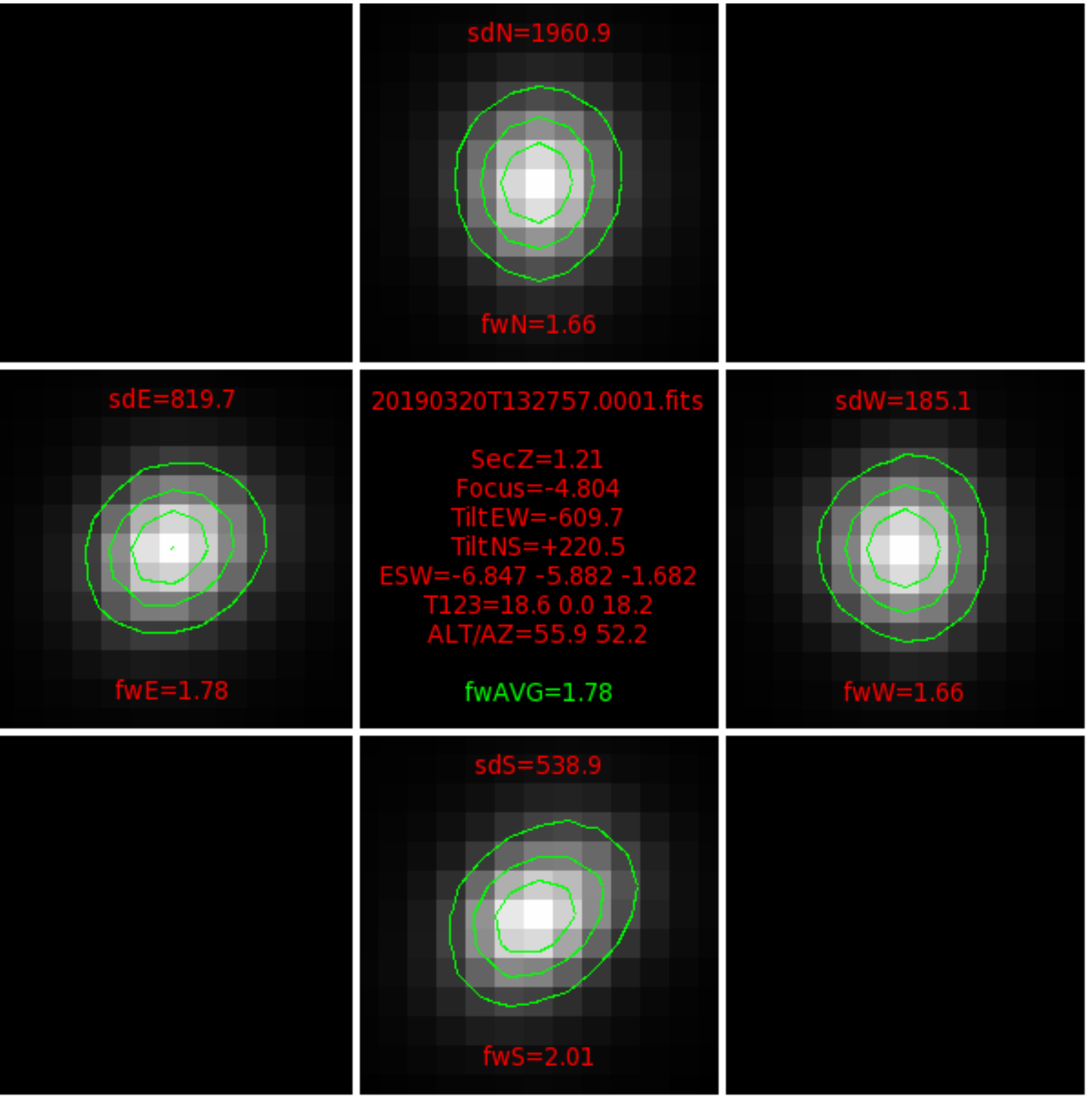

sdN=547.5
fwN=1.69
sdE=860.1
fwE=1.91
20190320T132631.0001.fits
SecZ=1.21
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.5 18.2
ALT/AZ=55.6 63.4
fwAVG=1.84
sdW=386.3
fwW=1.69
sdS=690.1
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=1960.9
fwN=1.66
sdE=819.7
fwE=1.78
20190320T132757.0001.fits
SecZ=1.21
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.6 0.0 18.2
ALT/AZ=55.9 52.2
fwAVG=1.78
sdW=185.1
fwW=1.66
sdS=538.9
fwS=2.01
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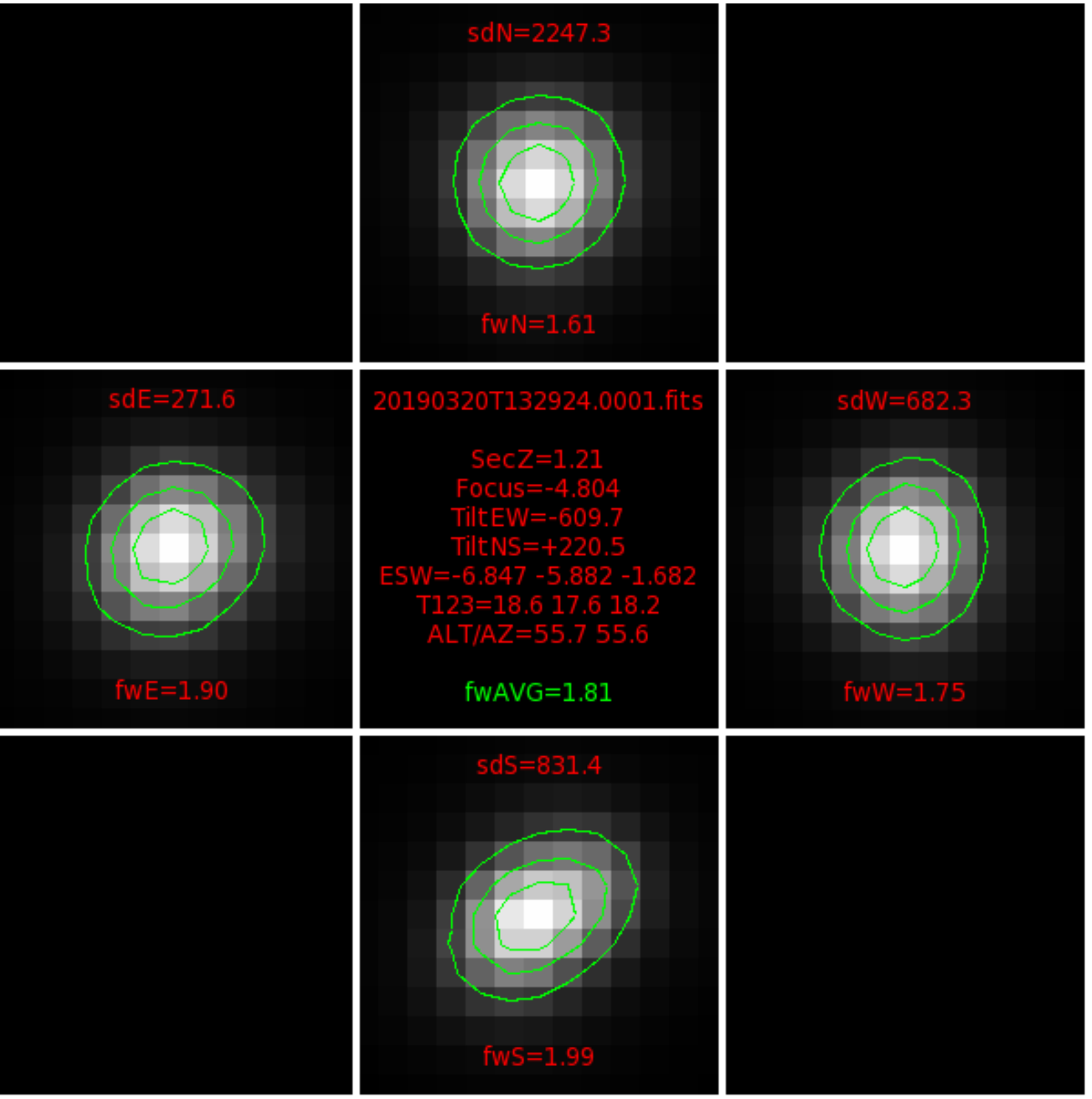
sdN=2247.3
fwN=1.61
sdE=271.6
fwE=1.90
20190320T132924.0001.fits
SecZ=1.21
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.6 17.6 18.2
ALT/AZ=55.7 55.6
fwAVG=1.81
sdW=682.3
fwW=1.75
sdS=831.4
fwS=1.99
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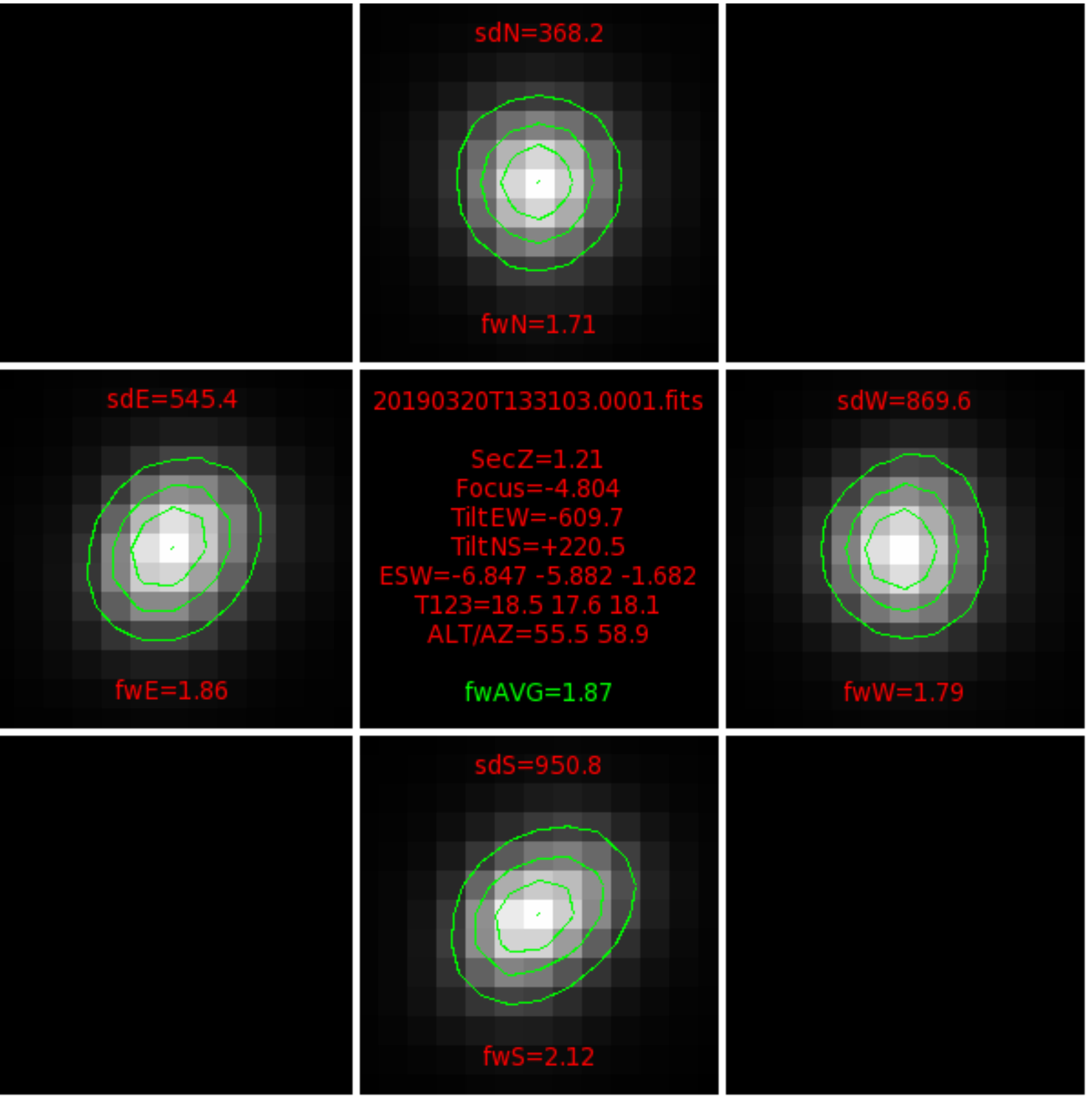
sdN=368.2
fwN=1.71
sdE=545.4
fwE=1.86
20190320T133103.0001.fits
SecZ=1.21
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.6 18.1
ALT/AZ=55.5 58.9
fwAVG=1.87
sdW=869.6
fwW=1.79
sdS=950.8
fwS=2.12
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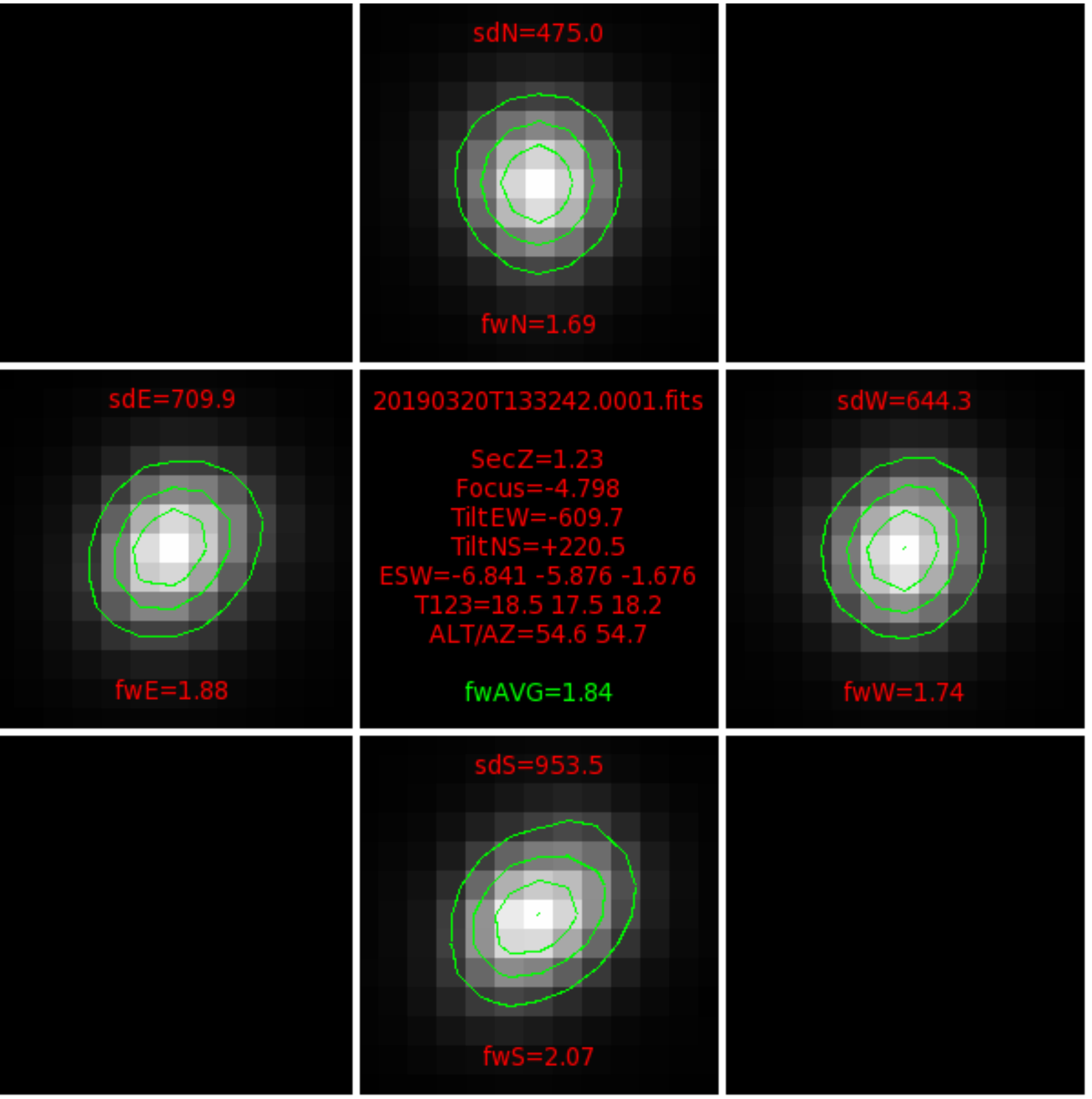
sdN=475.0
fwN=1.69
sdE=709.9
fwE=1.88
20190320T133242.0001.fits
SecZ=1.23
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.5 17.5 18.2
ALT/AZ=54.6 54.7
fwAVG=1.84
sdW=644.3
fwW=1.74
sdS=953.5
fwS=2.07
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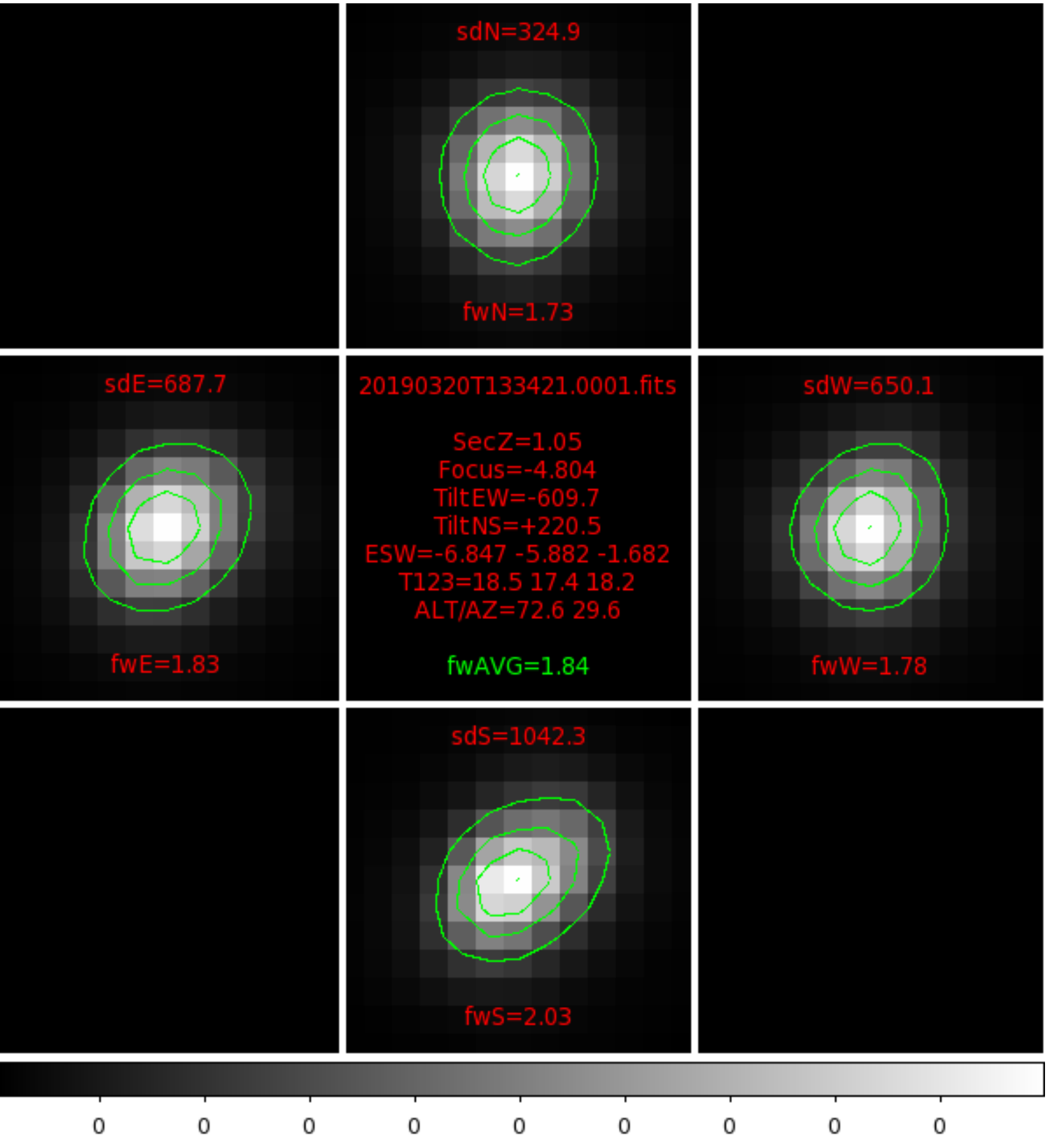
sdN=324.9
fwN=1.73
sdE=687.7
fwE=1.83
20190320T133421.0001.fits
SecZ=1.05
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.4 18.2
ALT/AZ=72.6 29.6
fwAVG=1.84
sdW=650.1
fwW=1.78
sdS=1042.3
fwS=2.03
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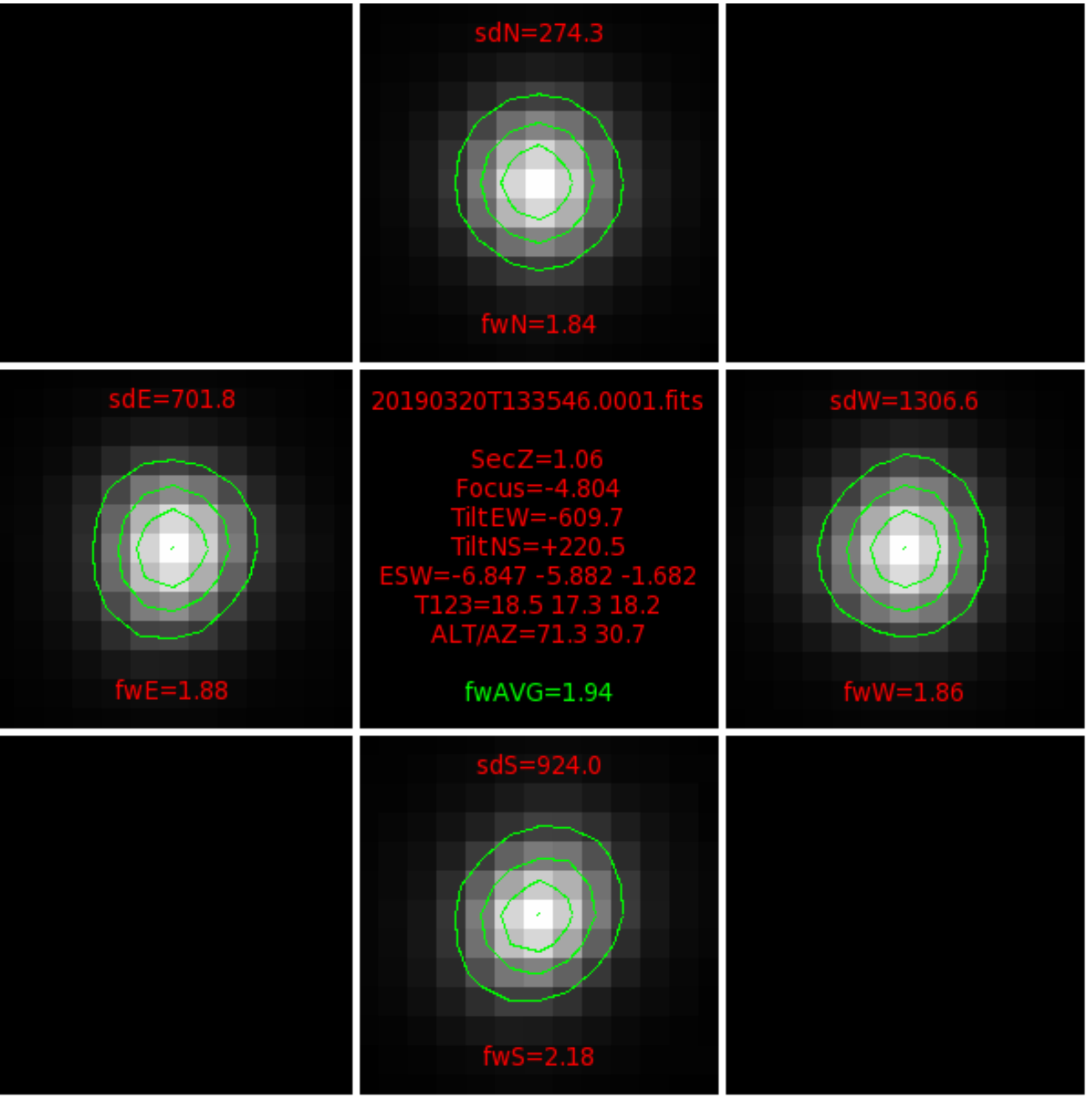
sdN=274.3
fwN=1.84
sdE=701.8
fwE=1.88
20190320T133546.0001.fits
SecZ=1.06
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.5 17.3 18.2
ALT/AZ=71.3 30.7
fwAVG=1.94
sdW=1306.6
fwW=1.86
sdS=924.0
fwS=2.18
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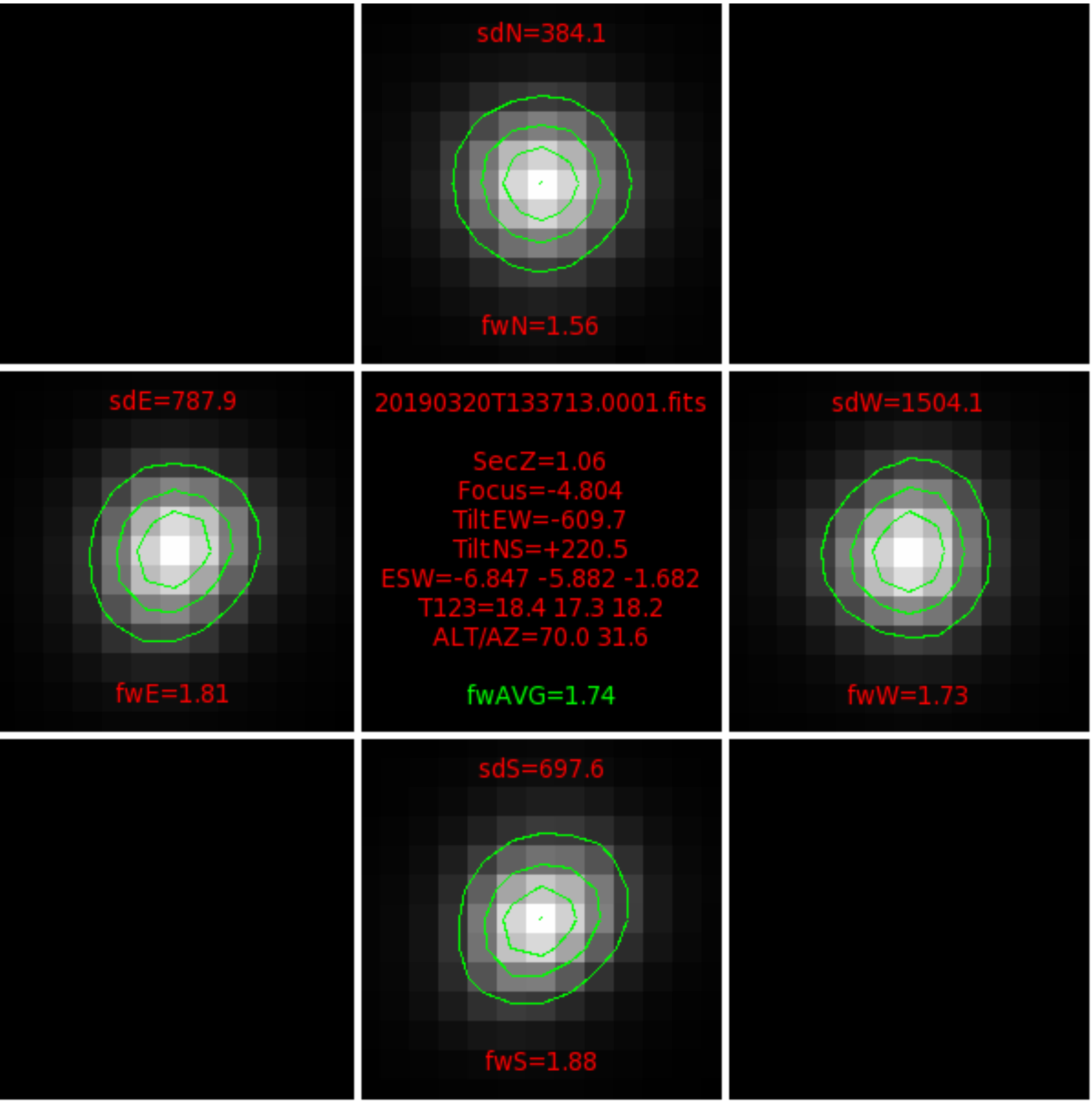
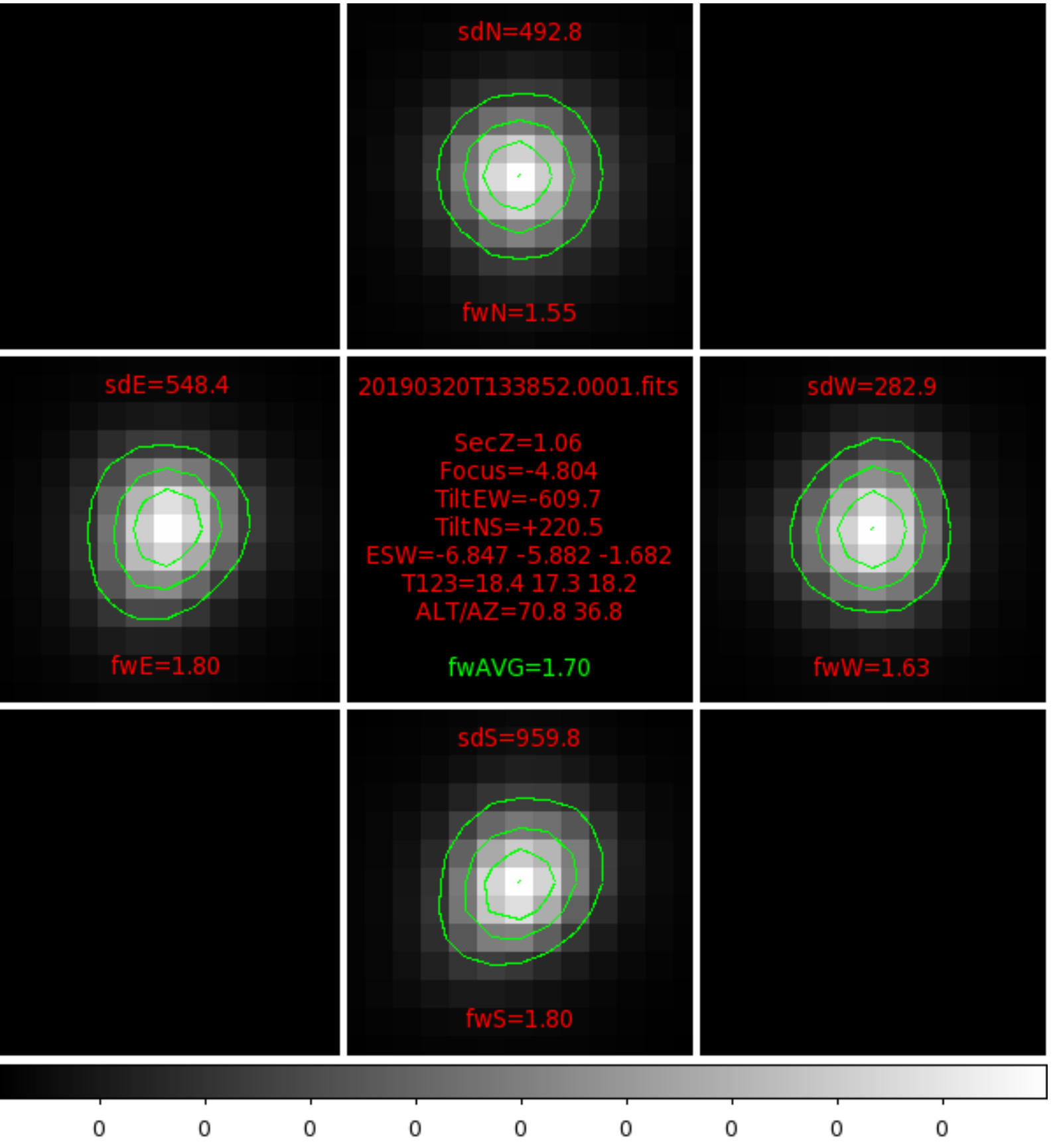

sdN=384.1
fwN=1.56
sdE=787.9
fwE=1.81
20190320T133713.0001.fits
SecZ=1.06
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.4 17.3 18.2
ALT/AZ=70.0 31.6
fwAVG=1.74
sdW=1504.1
fwW=1.73
sdS=697.6
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=492.8
fwN=1.55
sdE=548.4
fwE=1.80
20190320T133852.0001.fits
SecZ=1.06
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.4 17.3 18.2
ALT/AZ=70.8 36.8
fwAVG=1.70
sdW=282.9
fwW=1.63
sdS=959.8
fwS=1.80
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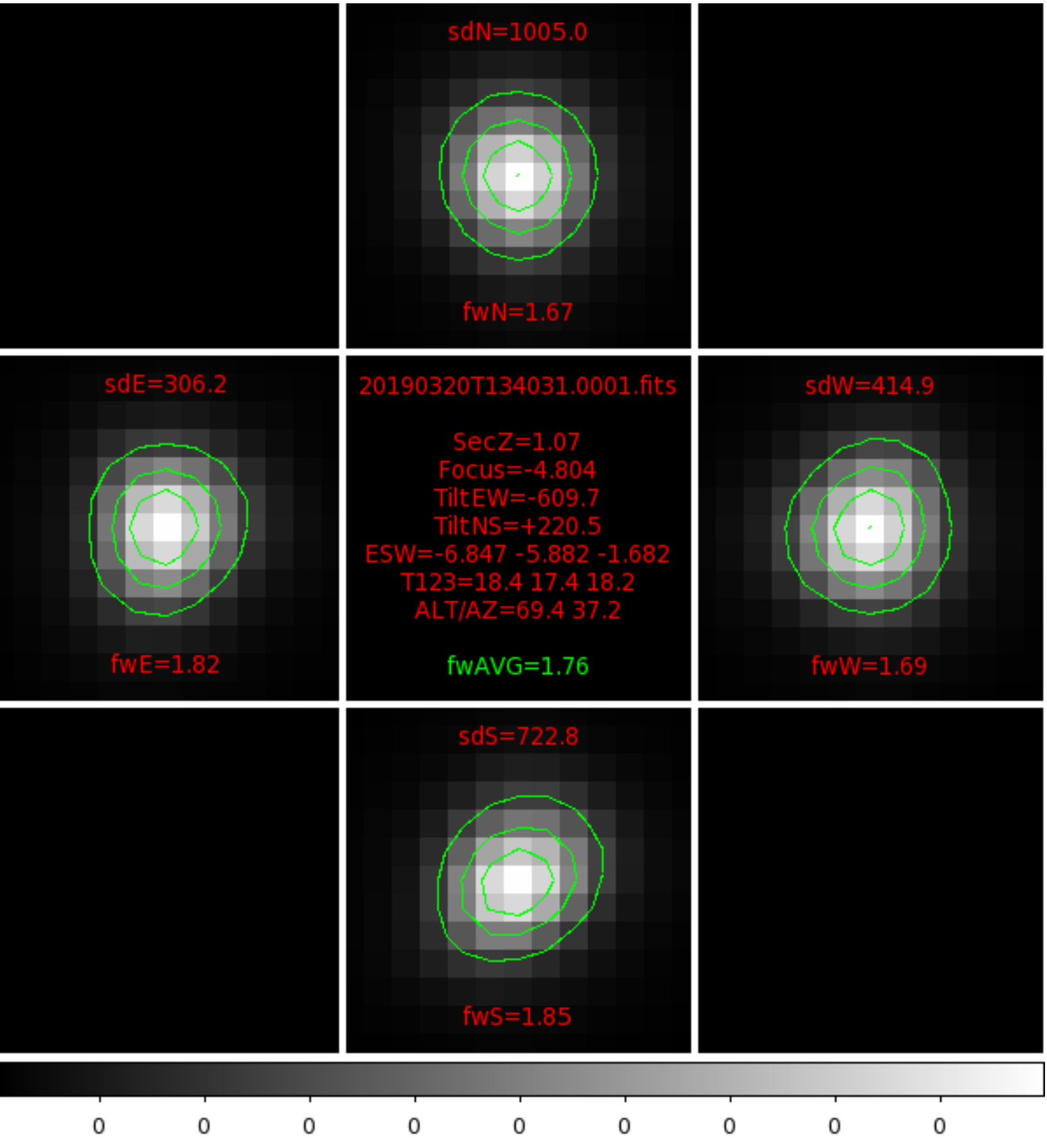
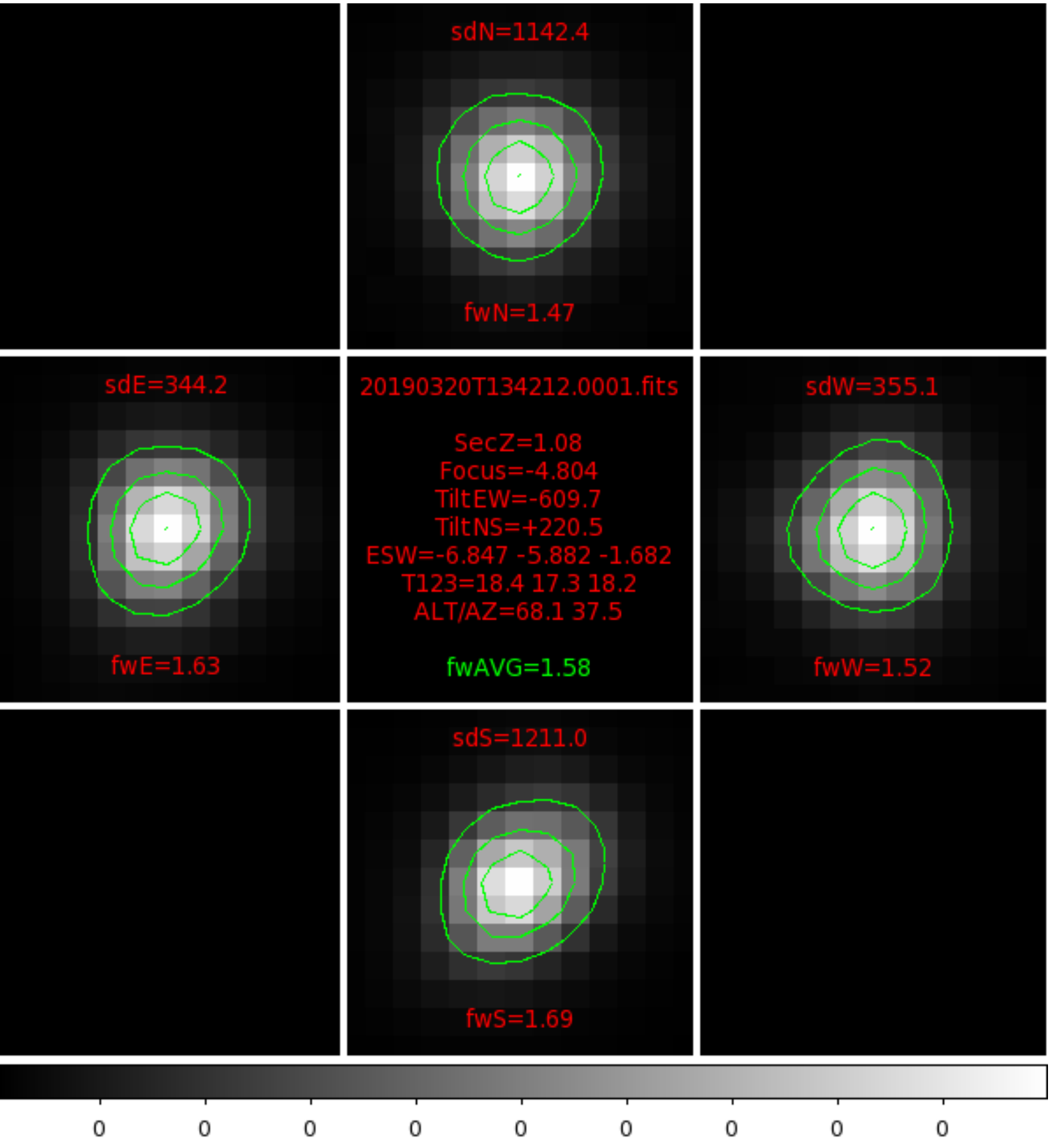

sdN=1005.0
fwN=1.67
sdE=306.2
fwE=1.82
20190320T134031.0001.fits
SecZ=1.07
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.4 17.4 18.2
ALT/AZ=69.4 37.2
fwAVG=1.76
sdW=414.9
fwW=1.69
sdS=722.8
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=1142.4
fwN=1.47
sdE=344.2
fwE=1.63
20190320T134212.0001.fits
SecZ=1.08
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.4 17.3 18.2
ALT/AZ=68.1 37.5
fwAVG=1.58
sdW=355.1
fwW=1.52
sdS=1211.0
fwS=1.69
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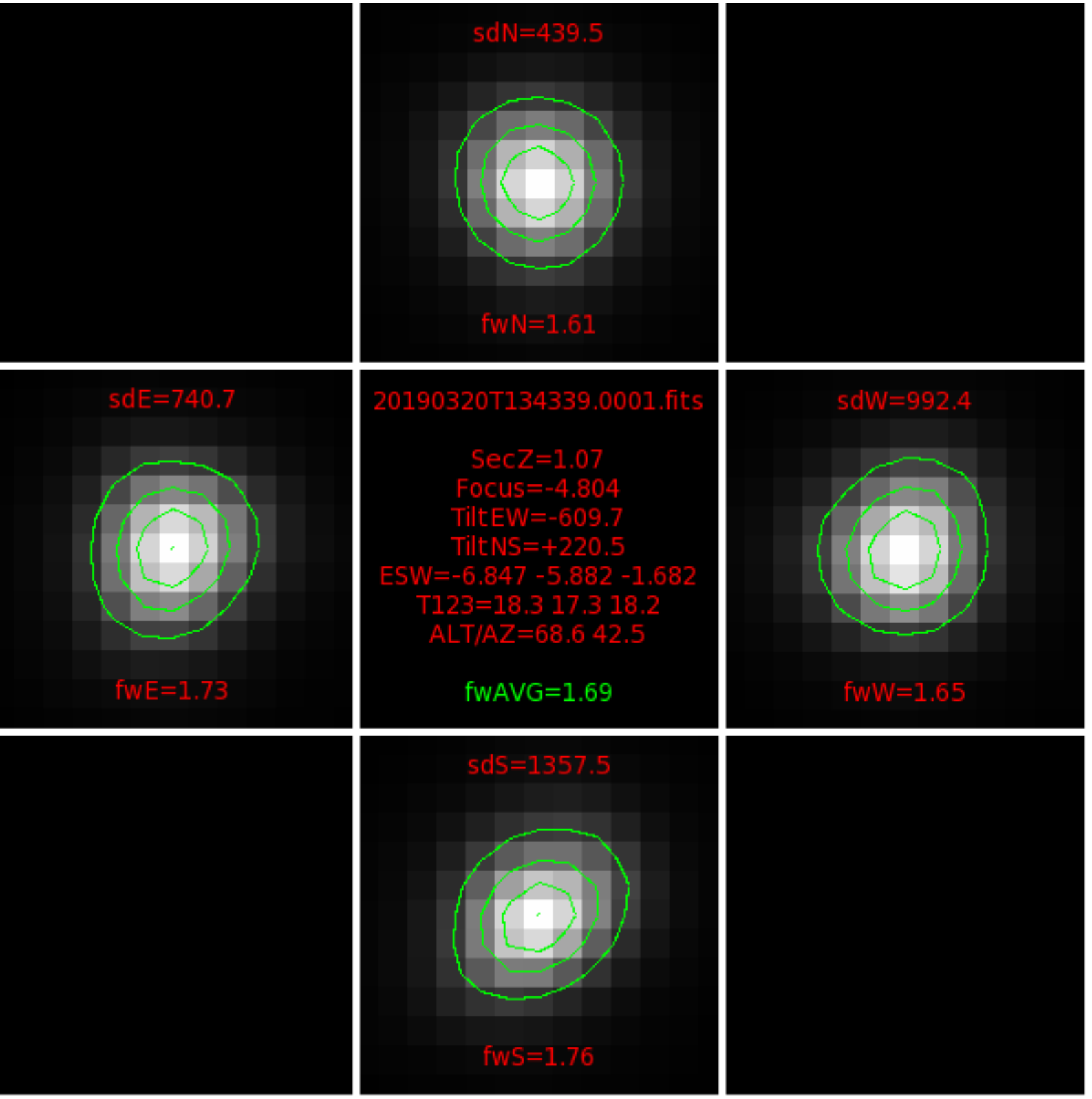
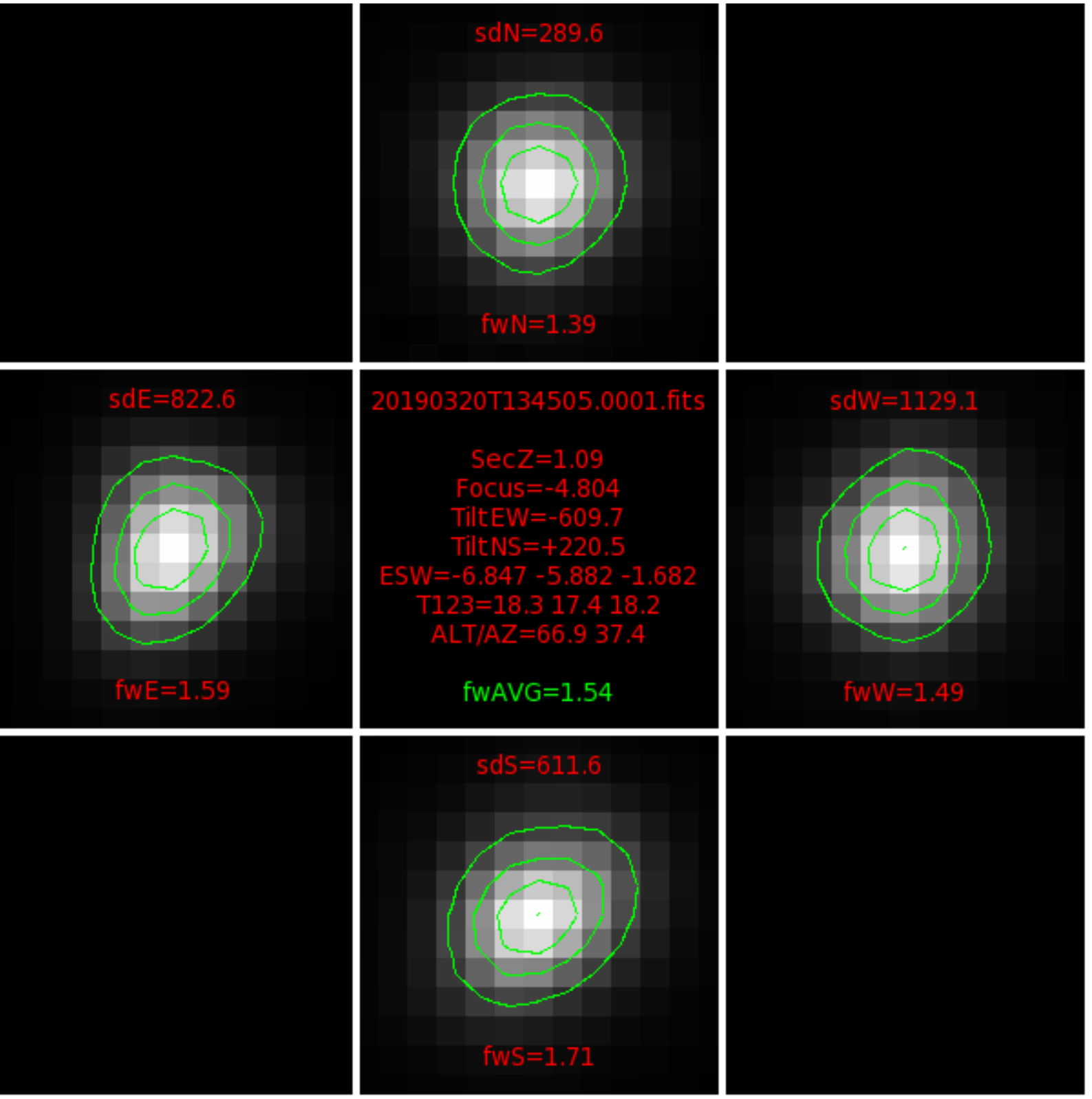

sdN=439.5
fwN=1.61
sdE=740.7
fwE=1.73
20190320T134339.0001.fits
SecZ=1.07
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.3 17.3 18.2
ALT/AZ=68.6 42.5
fwAVG=1.69
sdW=992.4
fwW=1.65
sdS=1357.5
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=289.6
fwN=1.39
sdE=822.6
fwE=1.59
20190320T134505.0001.fits
SecZ=1.09
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.3 17.4 18.2
ALT/AZ=66.9 37.4
fwAVG=1.54
sdW=1129.1
fwW=1.49
sdS=611.6
fwS=1.71
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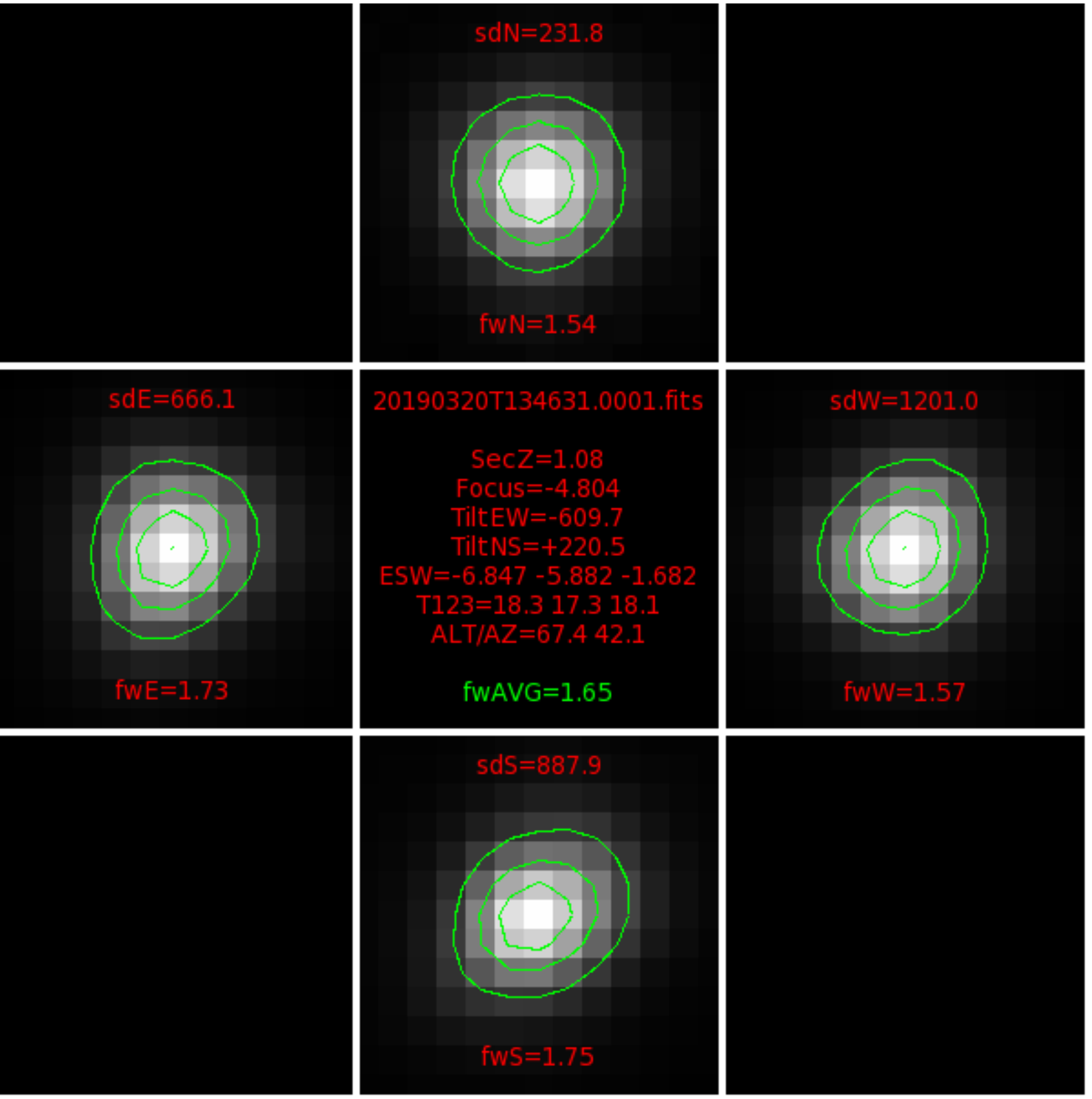
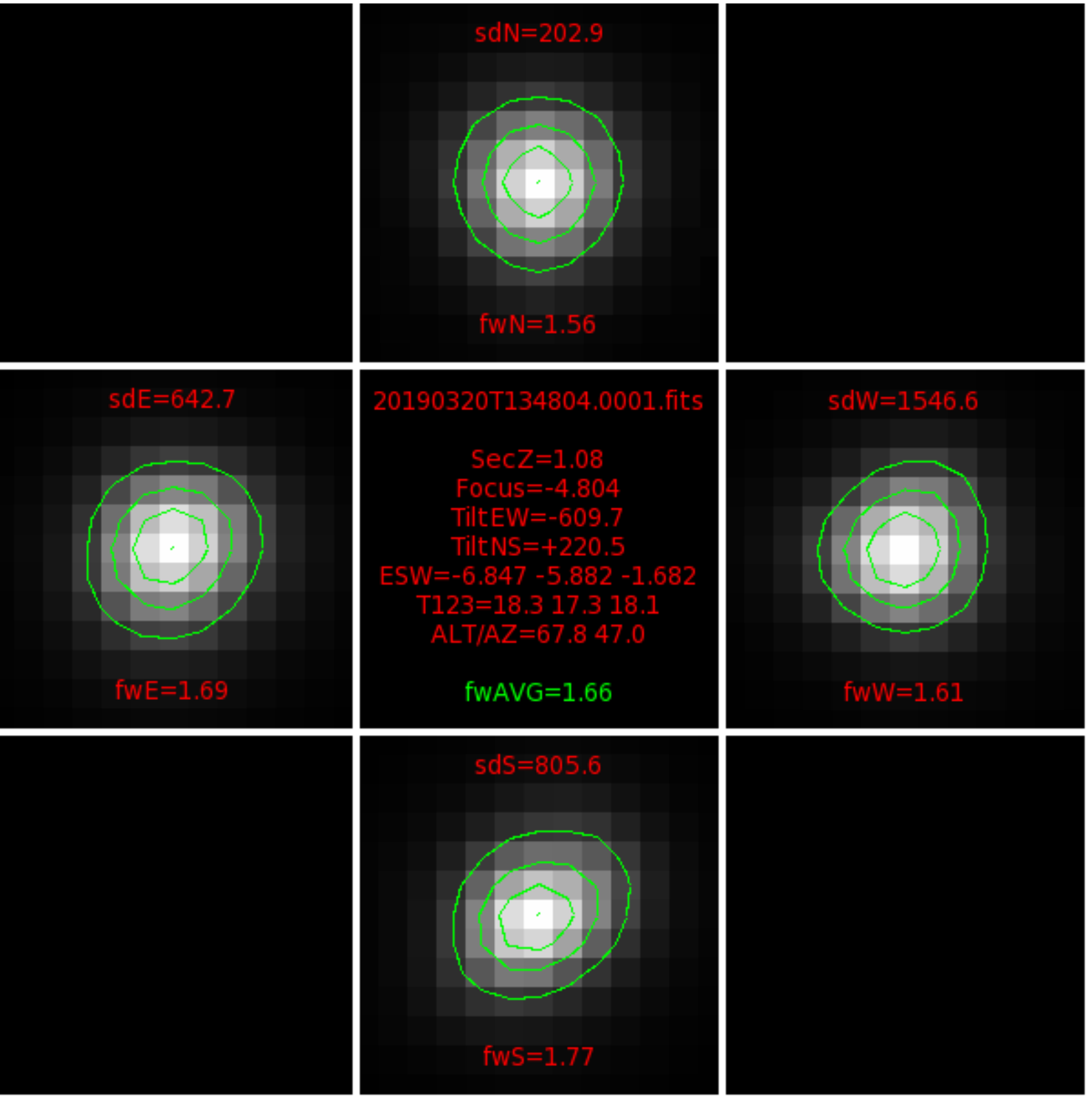

sdN=231.8
fwN=1.54
sdE=666.1
fwE=1.73
20190320T134631.0001.fits
SecZ=1.08
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.3 17.3 18.1
ALT/AZ=67.4 42.1
fwAVG=1.65
sdW=1201.0
fwW=1.57
sdS=887.9
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=202.9
fwN=1.56
sdE=642.7
fwE=1.69
20190320T134804.0001.fits
SecZ=1.08
Focus=-4.804
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.847 -5.882 -1.682
T123=18.3 17.3 18.1
ALT/AZ=67.8 47.0
fwAVG=1.66
sdW=1546.6
fwW=1.61
sdS=805.6
fwS=1.77
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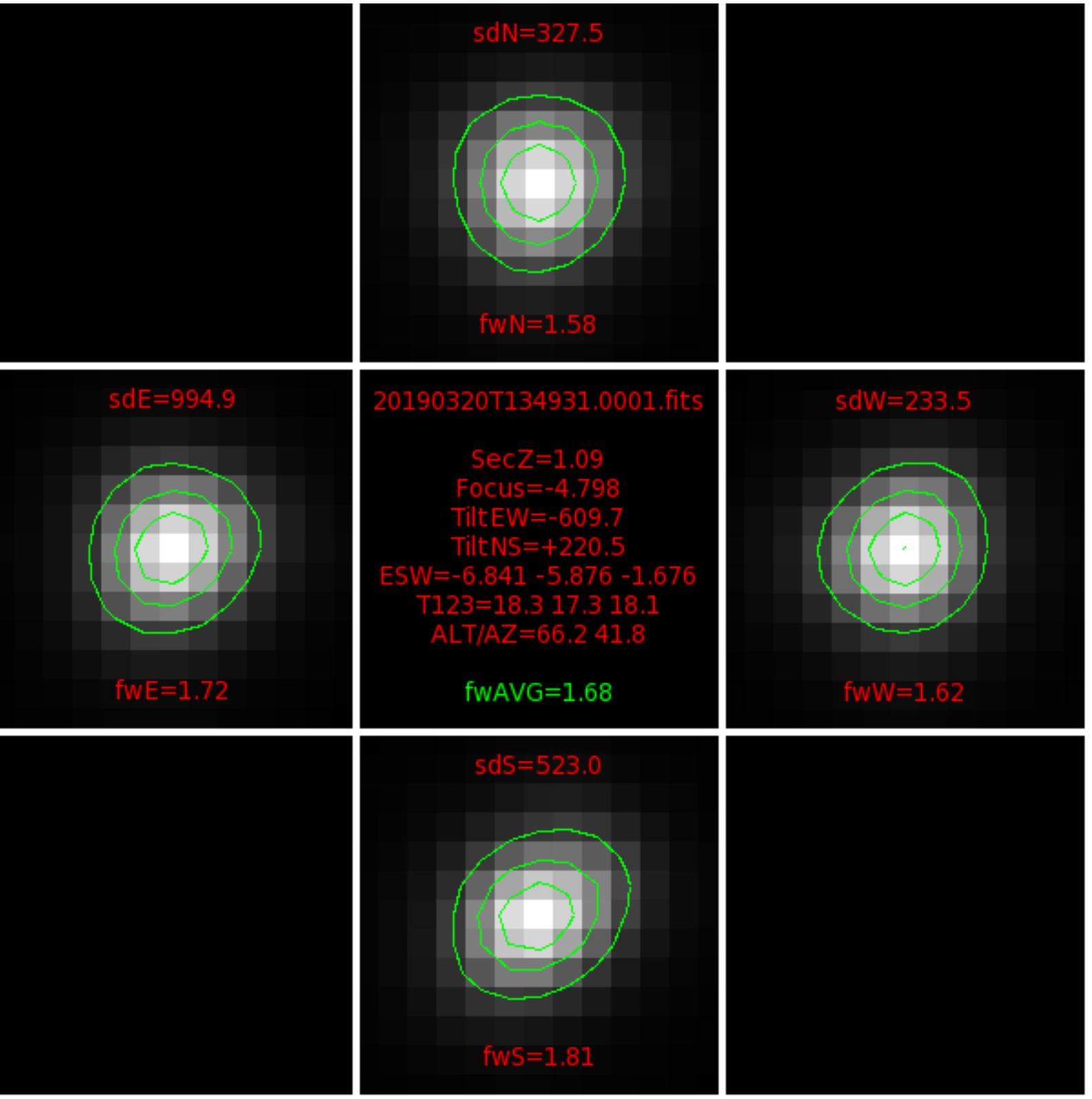
sdN=327.5
fwN=1.58
sdE=994.9
fwE=1.72
20190320T134931.0001.fits
SecZ=1.09
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.3 17.3 18.1
ALT/AZ=66.2 41.8
fwAVG=1.68
sdW=233.5
fwW=1.62
sdS=523.0
fwS=1.81
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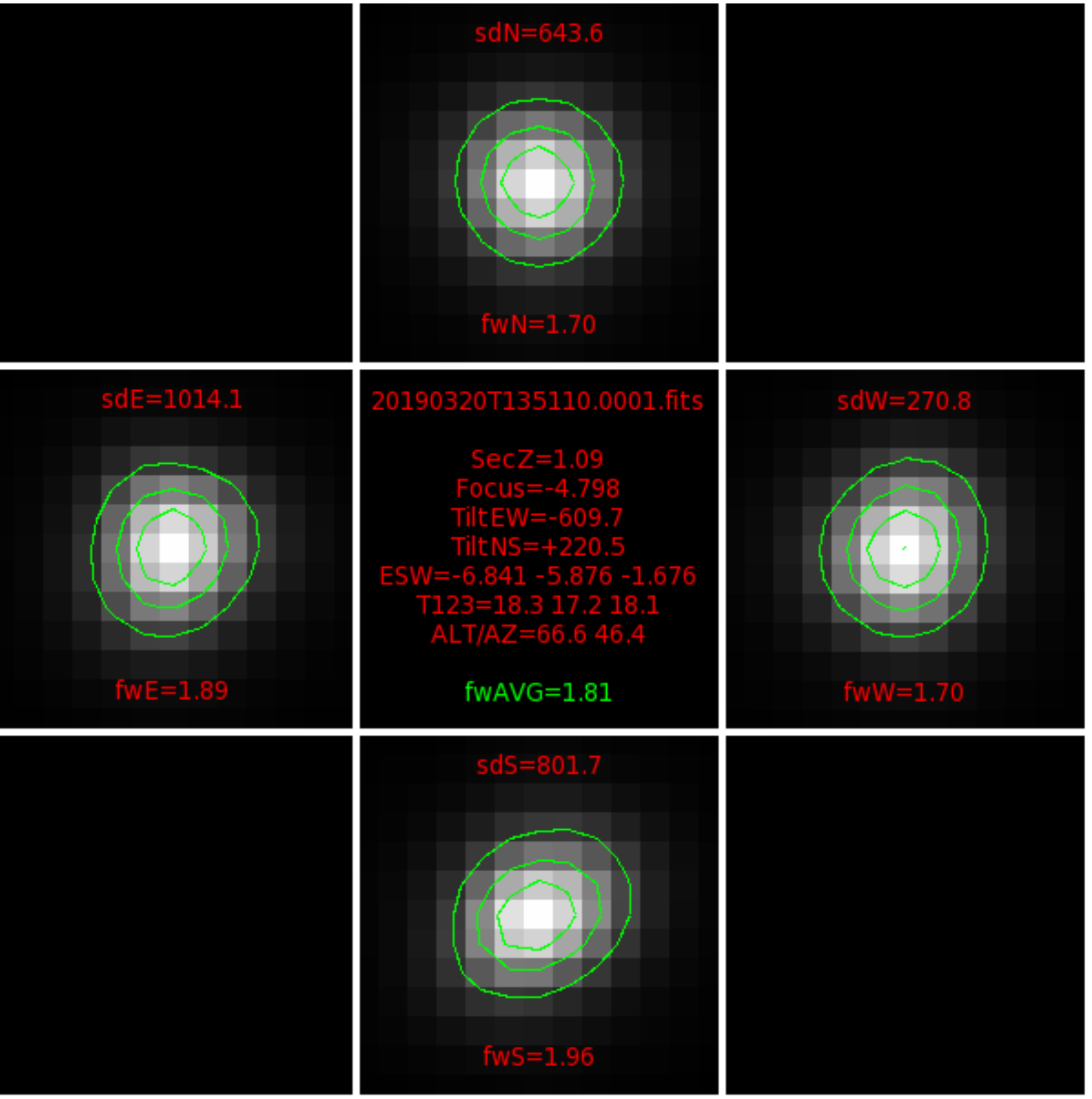
sdN=643.6
fwN=1.70
sdE=1014.1
fwE=1.89
20190320T135110.0001.fits
SecZ=1.09
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.3 17.2 18.1
ALT/AZ=66.6 46.4
fwAVG=1.81
sdW=270.8
fwW=1.70
sdS=801.7
fwS=1.96
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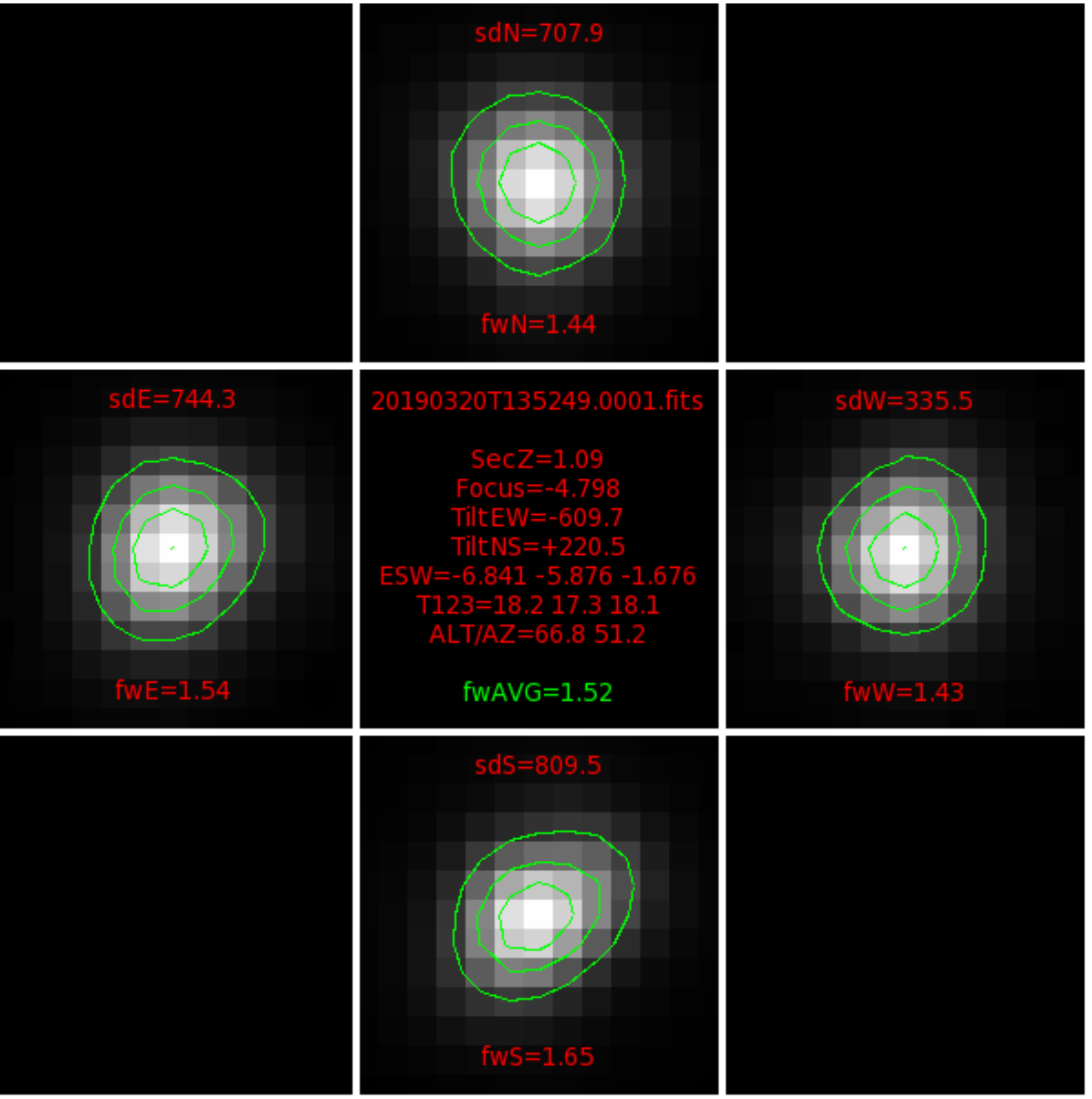
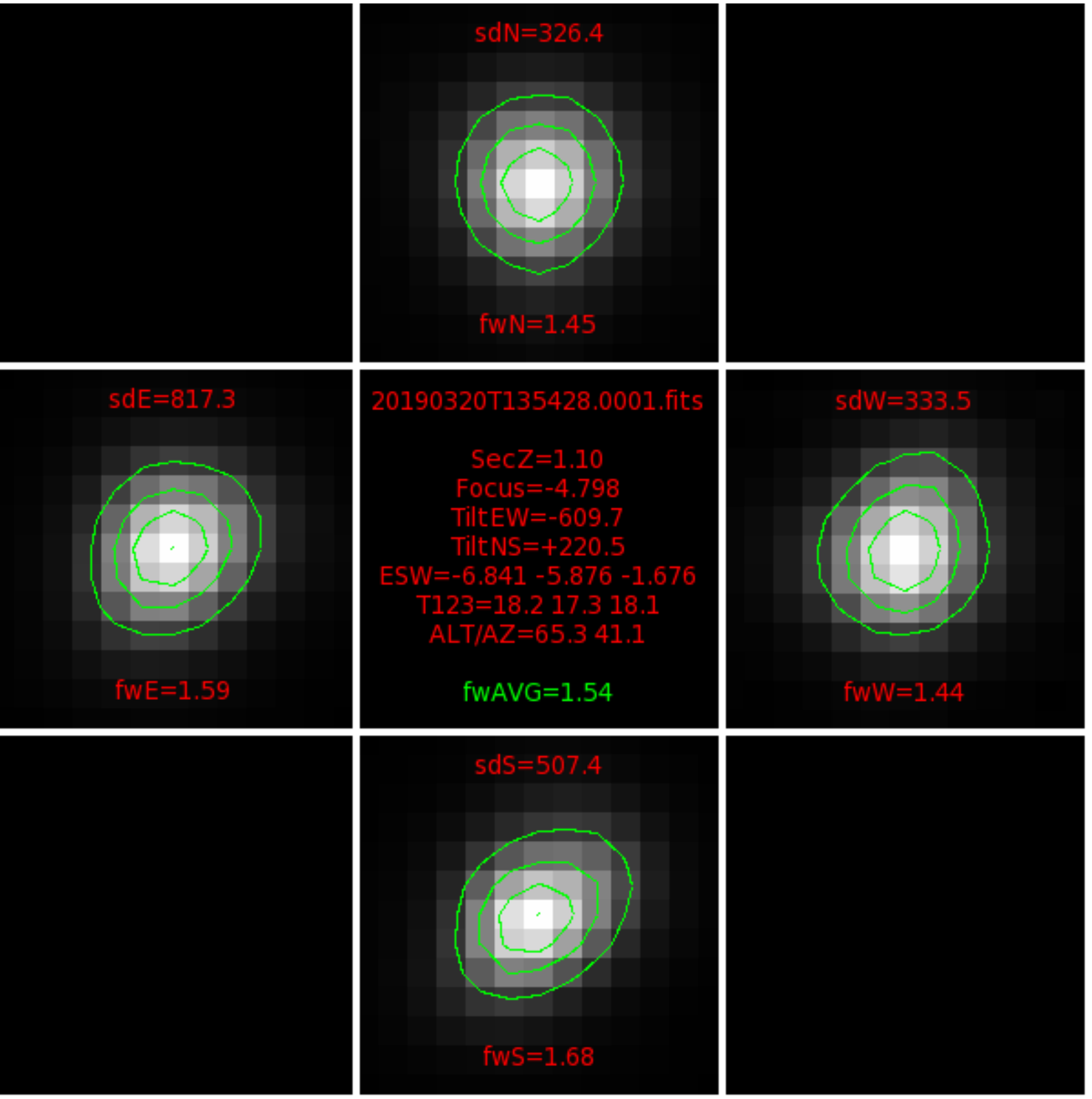
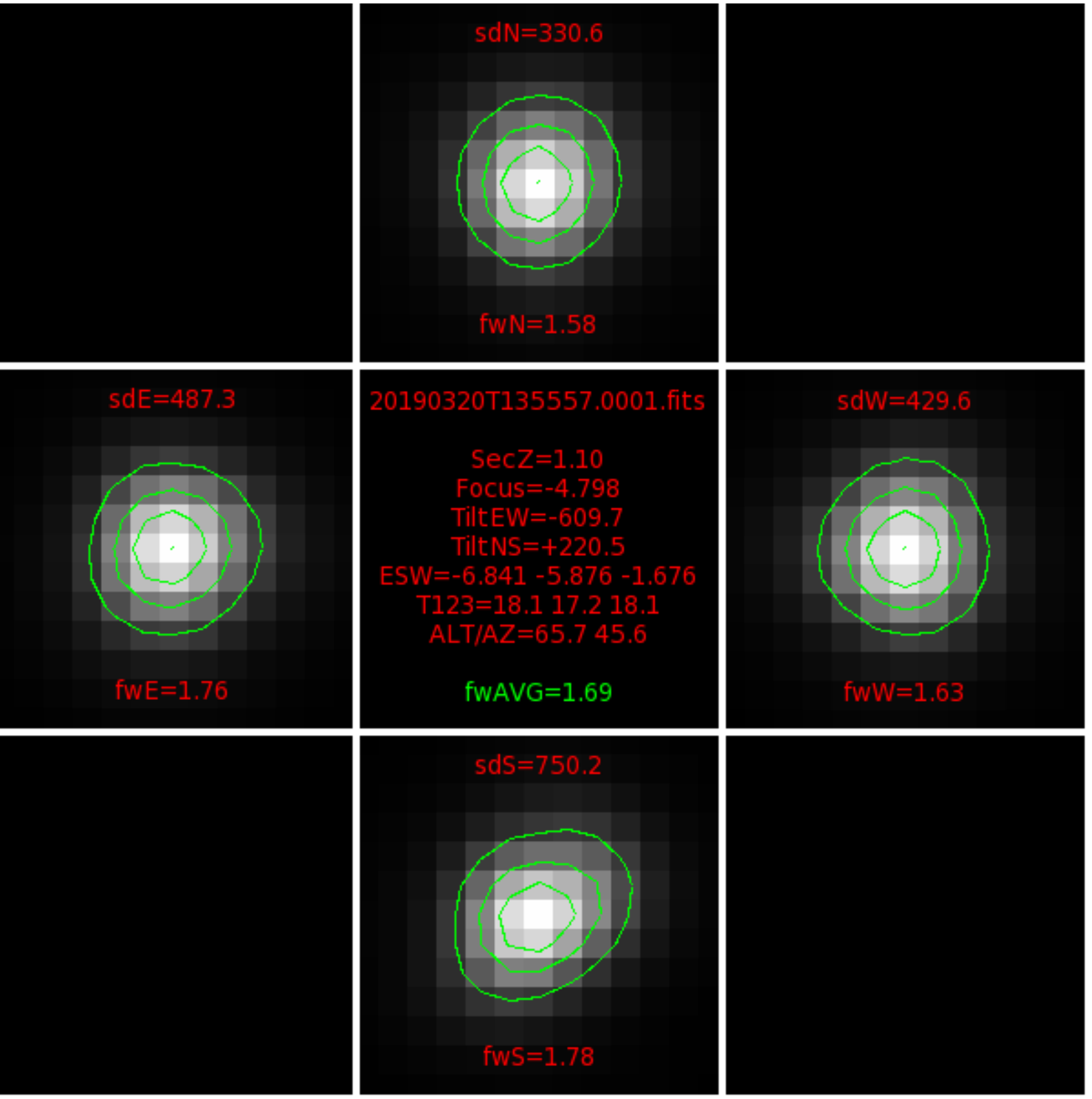

sdN=707.9
fwN=1.44
sdE=744.3
fwE=1.54
20190320T135249.0001.fits
SecZ=1.09
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.2 17.3 18.1
ALT/AZ=66.8 51.2
fwAVG=1.52
sdW=335.5
fwW=1.43
sdS=809.5
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=326.4
fwN=1.45
sdE=817.3
fwE=1.59
20190320T135428.0001.fits
SecZ=1.10
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.2 17.3 18.1
ALT/AZ=65.3 41.1
fwAVG=1.54
sdW=333.5
fwW=1.44
sdS=507.4
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=330.6
fwN=1.58
sdE=487.3
fwE=1.76
20190320T135557.0001.fits
SecZ=1.10
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.1 17.2 18.1
ALT/AZ=65.7 45.6
fwAVG=1.69
sdW=429.6
fwW=1.63
sdS=750.2
fwS=1.78
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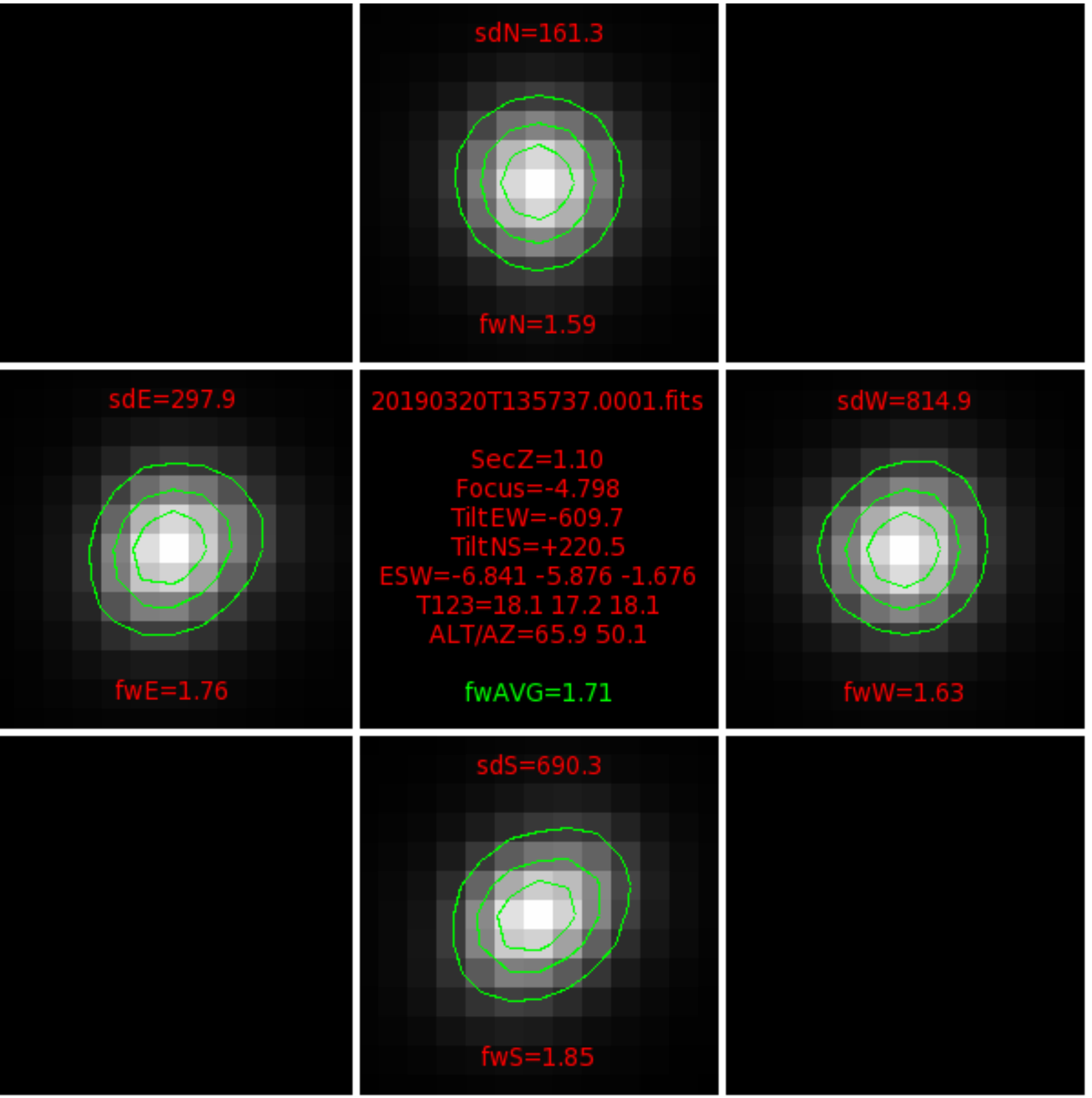
sdN=161.3
fwN=1.59
sdE=297.9
fwE=1.76
20190320T135737.0001.fits
SecZ=1.10
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.1 17.2 18.1
ALT/AZ=65.9 50.1
fwAVG=1.71
sdW=814.9
fwW=1.63
sdS=690.3
fwS=1.85
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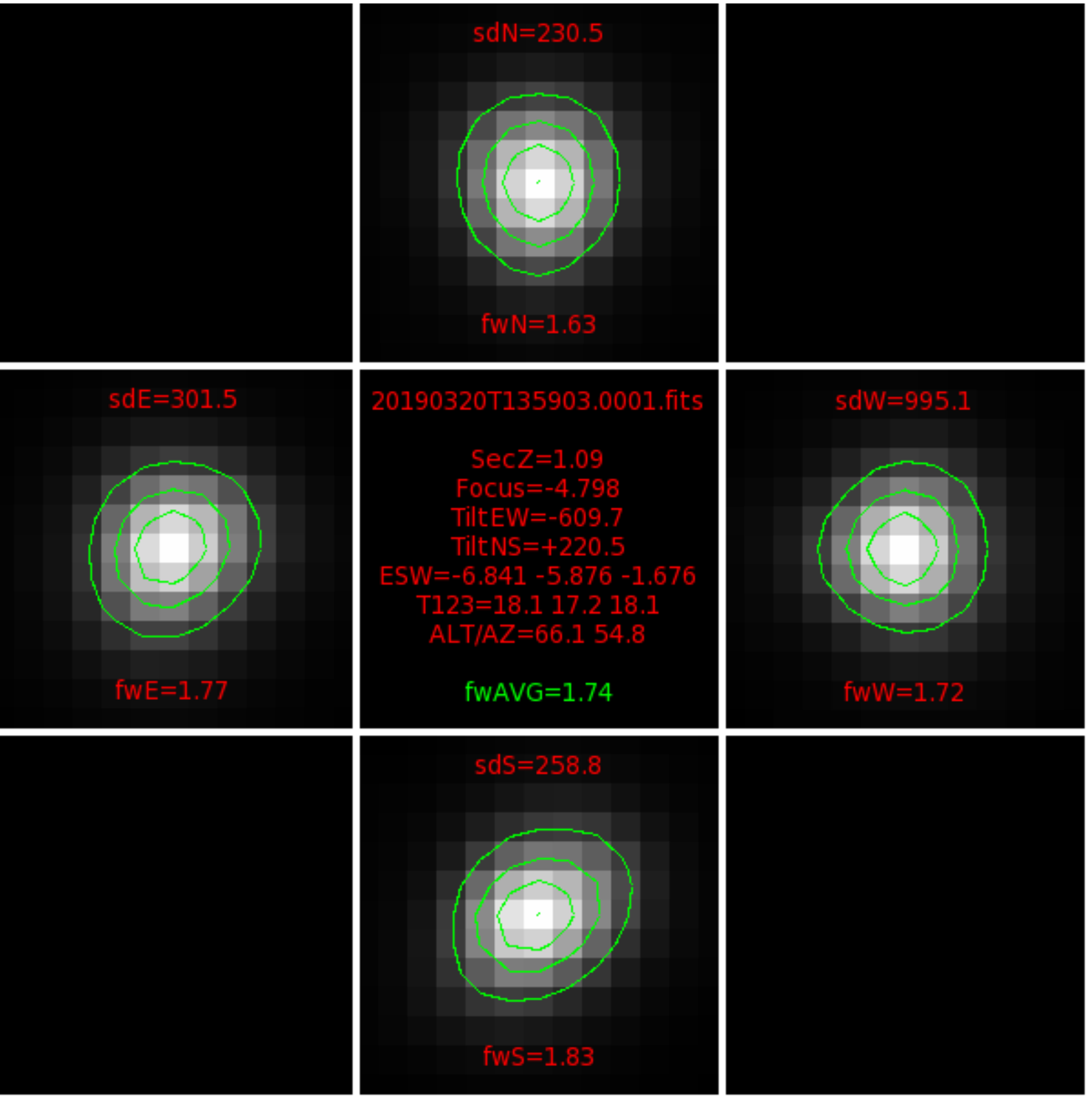
sdN=230.5
fwN=1.63
sdE=301.5
fwE=1.77
20190320T135903.0001.fits
SecZ=1.09
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.1 17.2 18.1
ALT/AZ=66.1 54.8
fwAVG=1.74
sdW=995.1
fwW=1.72
sdS=258.8
fwS=1.83
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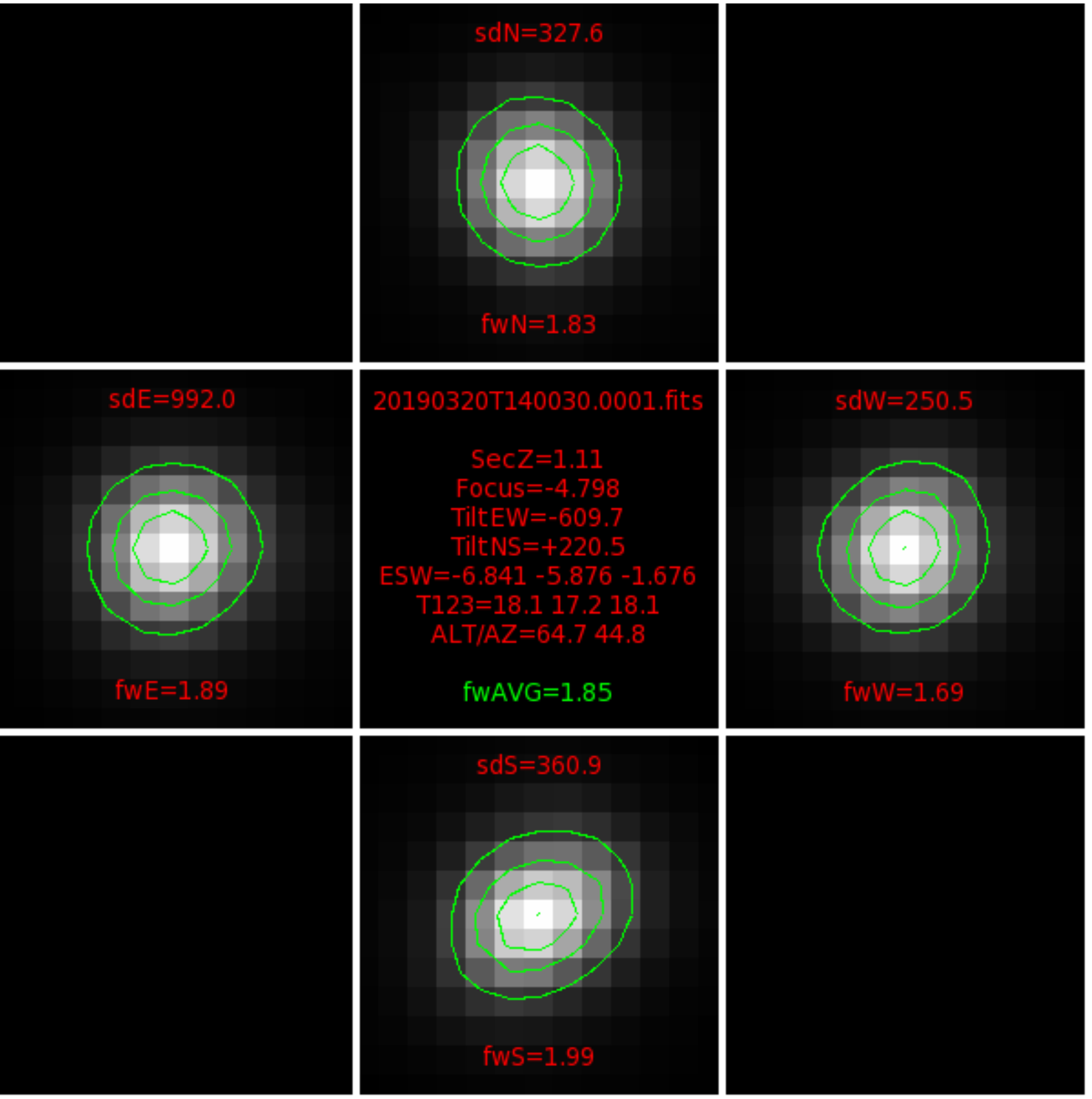
sdN=327.6
fwN=1.83
sdE=992.0
fwE=1.89
20190320T140030.0001.fits
SecZ=1.11
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.1 17.2 18.1
ALT/AZ=64.7 44.8
fwAVG=1.85
sdW=250.5
fwW=1.69
sdS=360.9
fwS=1.99
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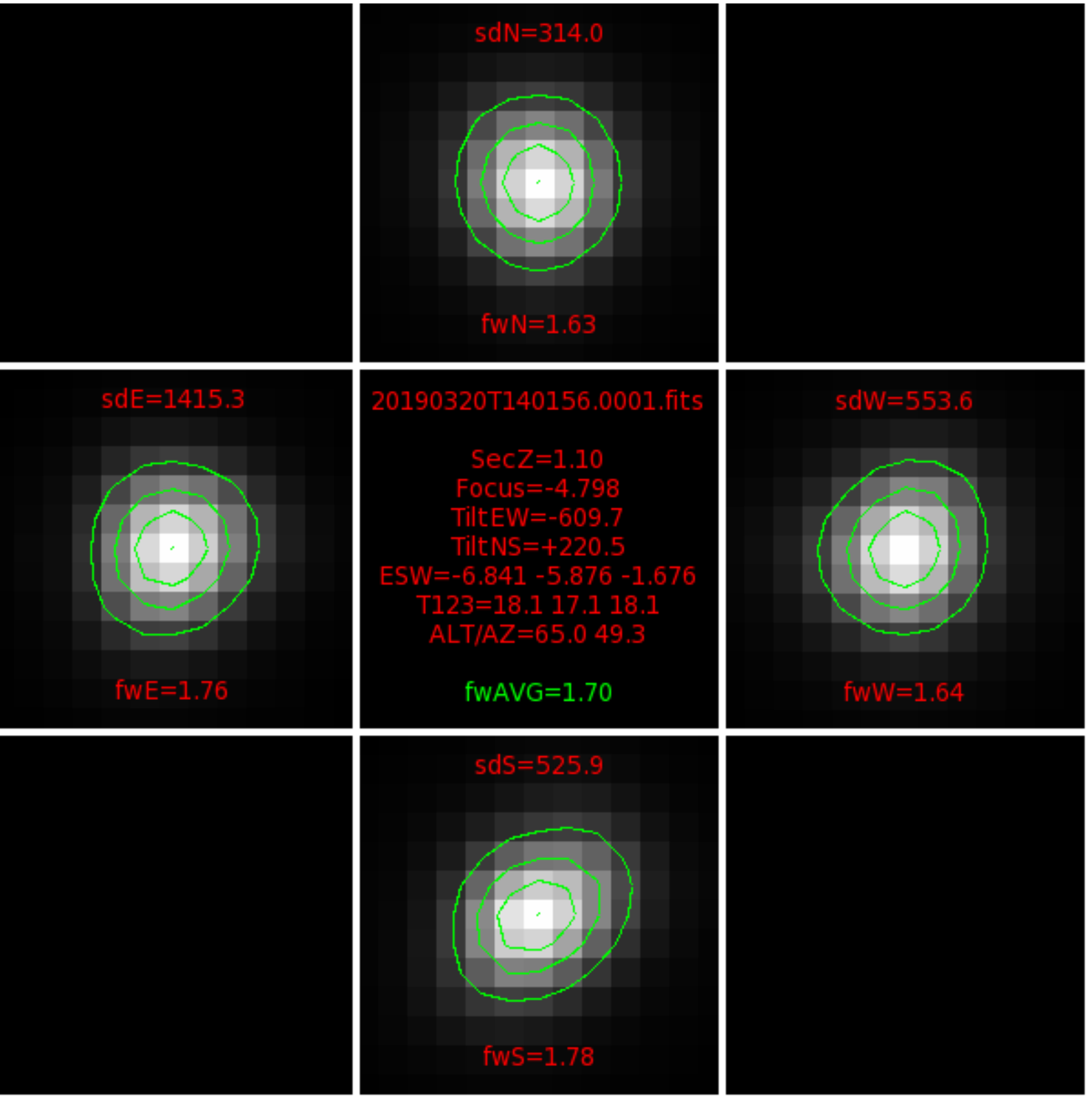
sdN=314.0
fwN=1.63
sdE=1415.3
fwE=1.76
20190320T140156.0001.fits
SecZ=1.10
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.1 17.1 18.1
ALT/AZ=65.0 49.3
fwAVG=1.70
sdW=553.6
fwW=1.64
sdS=525.9
fwS=1.78
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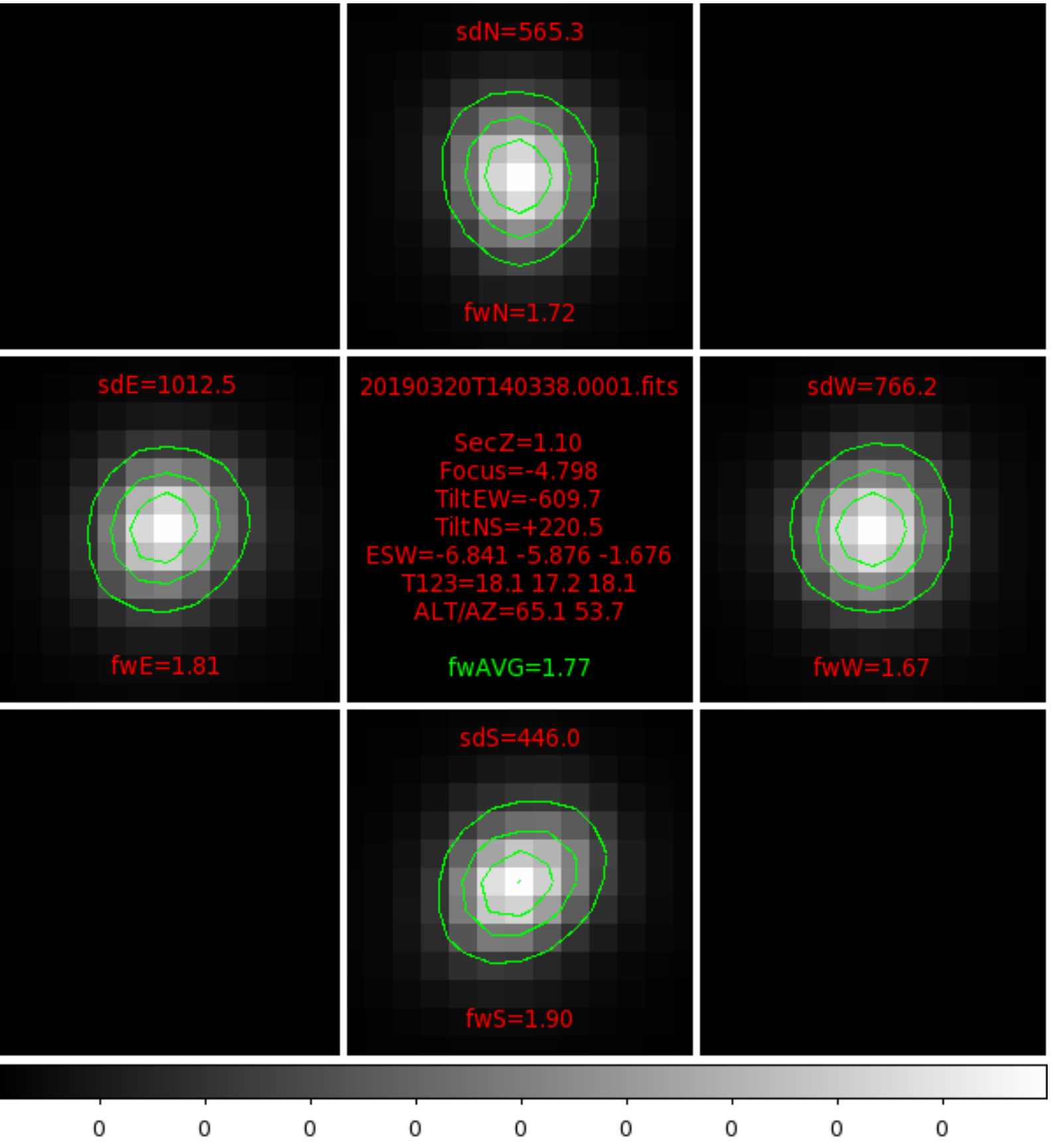
sdN=565.3
fwN=1.72
sdE=1012.5
fwE=1.81
20190320T140338.0001.fits
SecZ=1.10
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.1 17.2 18.1
ALT/AZ=65.1 53.7
fwAVG=1.77
sdW=766.2
fwW=1.67
sdS=446.0
fwS=1.90
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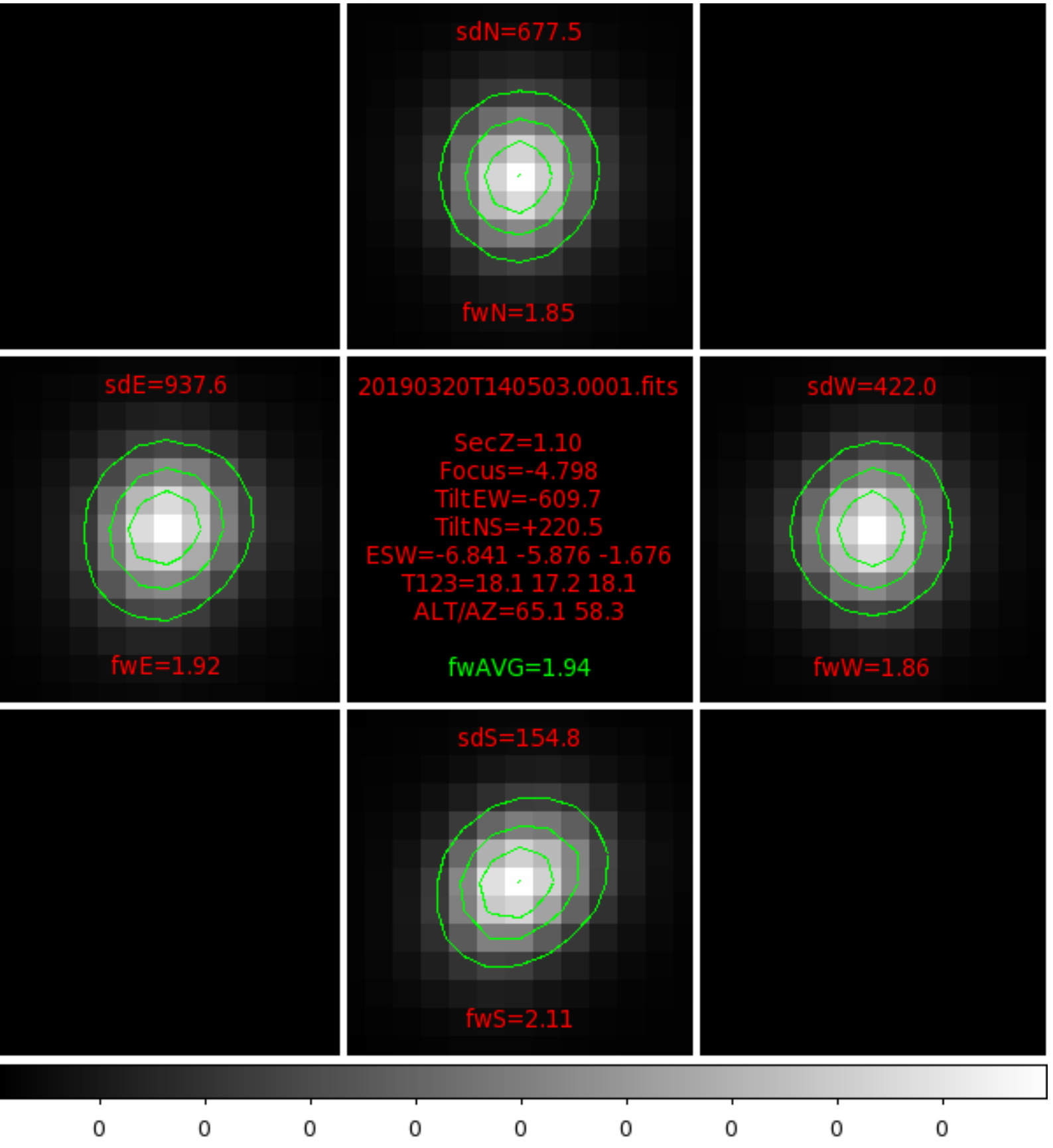
sdN=677.5
fwN=1.85
sdE=937.6
fwE=1.92
20190320T140503.0001.fits
SecZ=1.10
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.1 17.2 18.1
ALT/AZ=65.1 58.3
fwAVG=1.94
sdW=422.0
fwW=1.86
sdS=154.8
fwS=2.11
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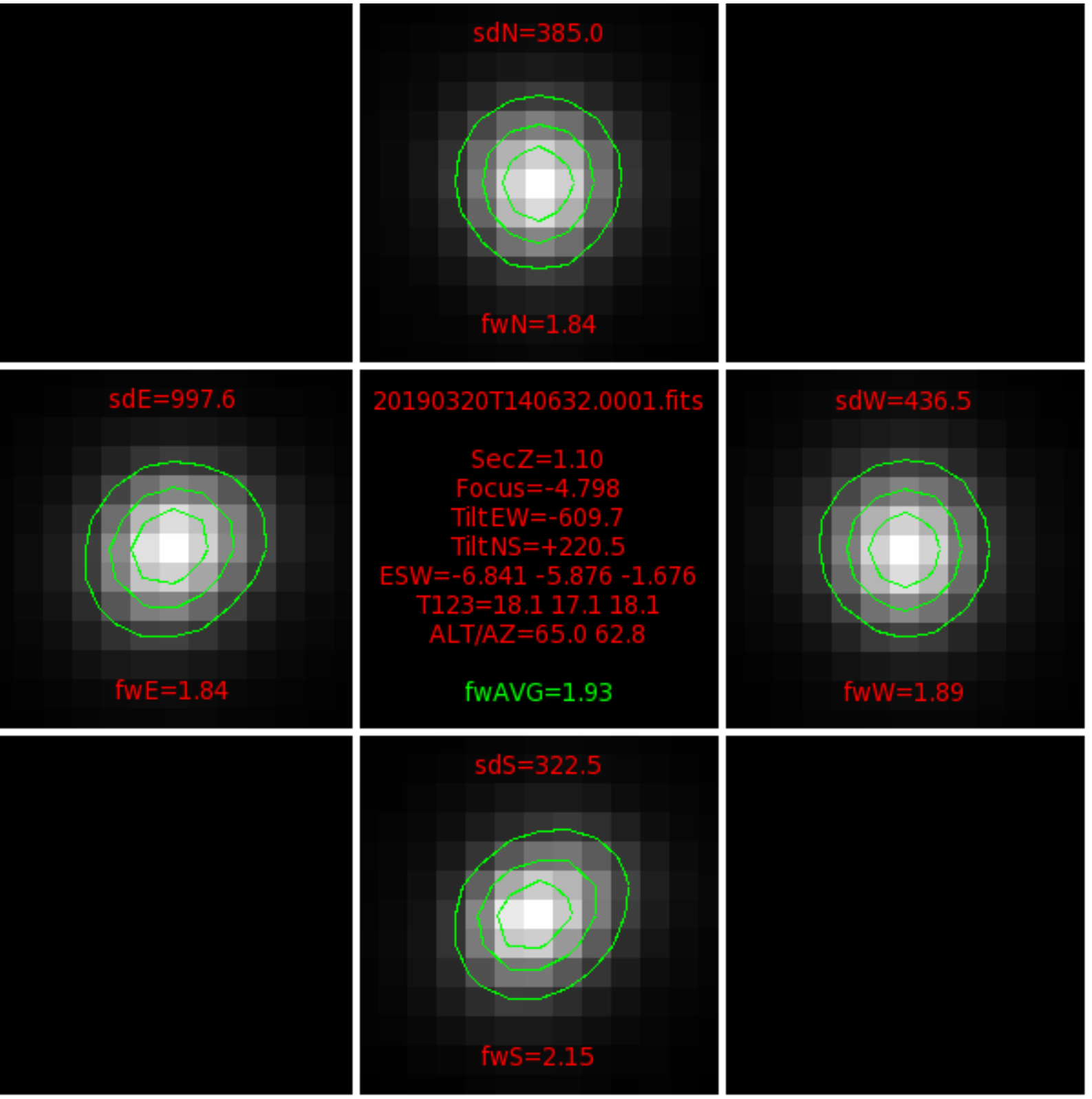
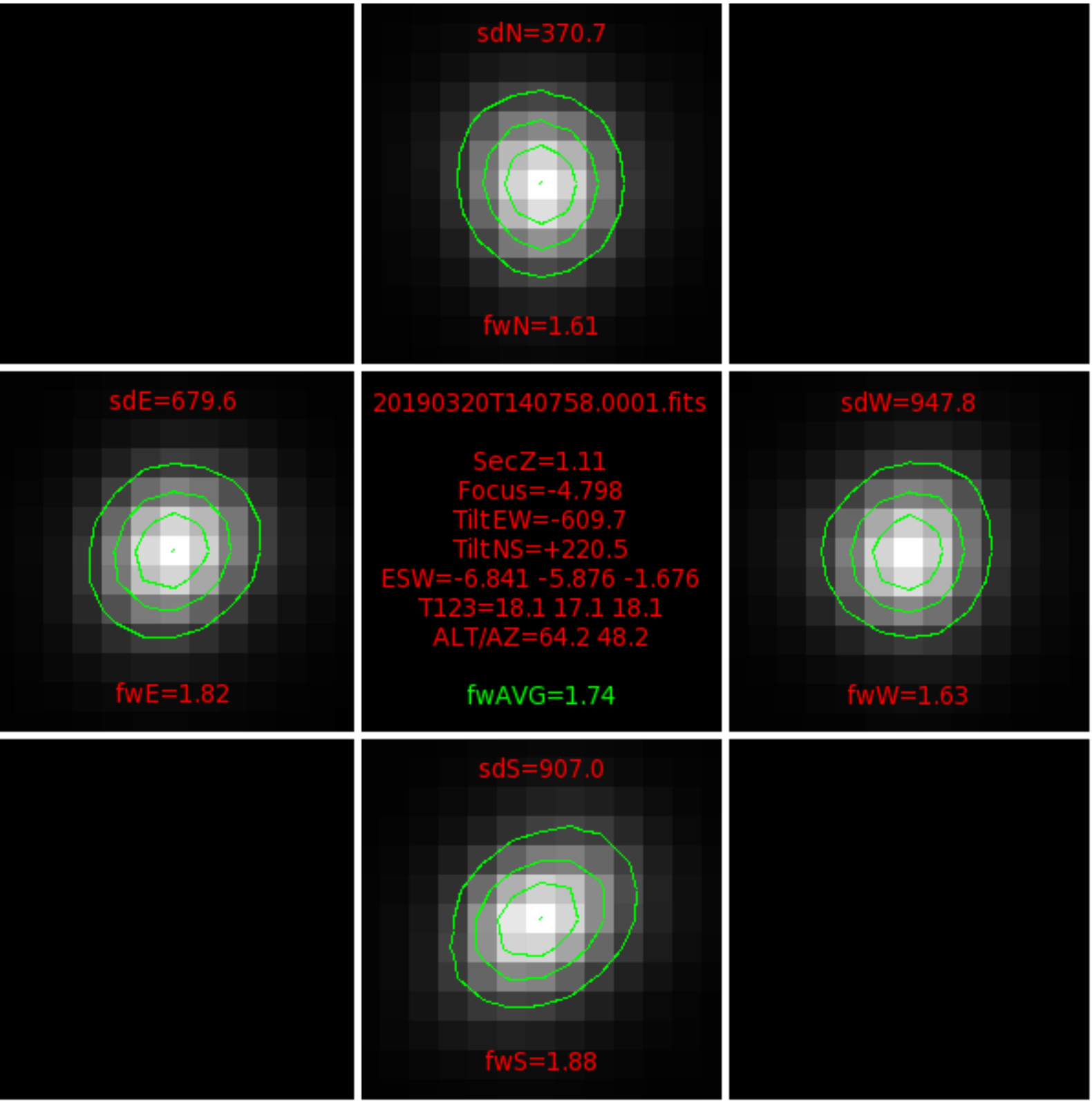

sdN=385.0
fwN=1.84
sdE=997.6
fwE=1.84
20190320T140632.0001.fits
SecZ=1.10
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.1 17.1 18.1
ALT/AZ=65.0 62.8
fwAVG=1.93
sdW=436.5
fwW=1.89
sdS=322.5
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=370.7
fwN=1.61
sdE=679.6
fwE=1.82
20190320T140758.0001.fits
SecZ=1.11
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.1 17.1 18.1
ALT/AZ=64.2 48.2
fwAVG=1.74
sdW=947.8
fwW=1.63
sdS=907.0
fwS=1.88
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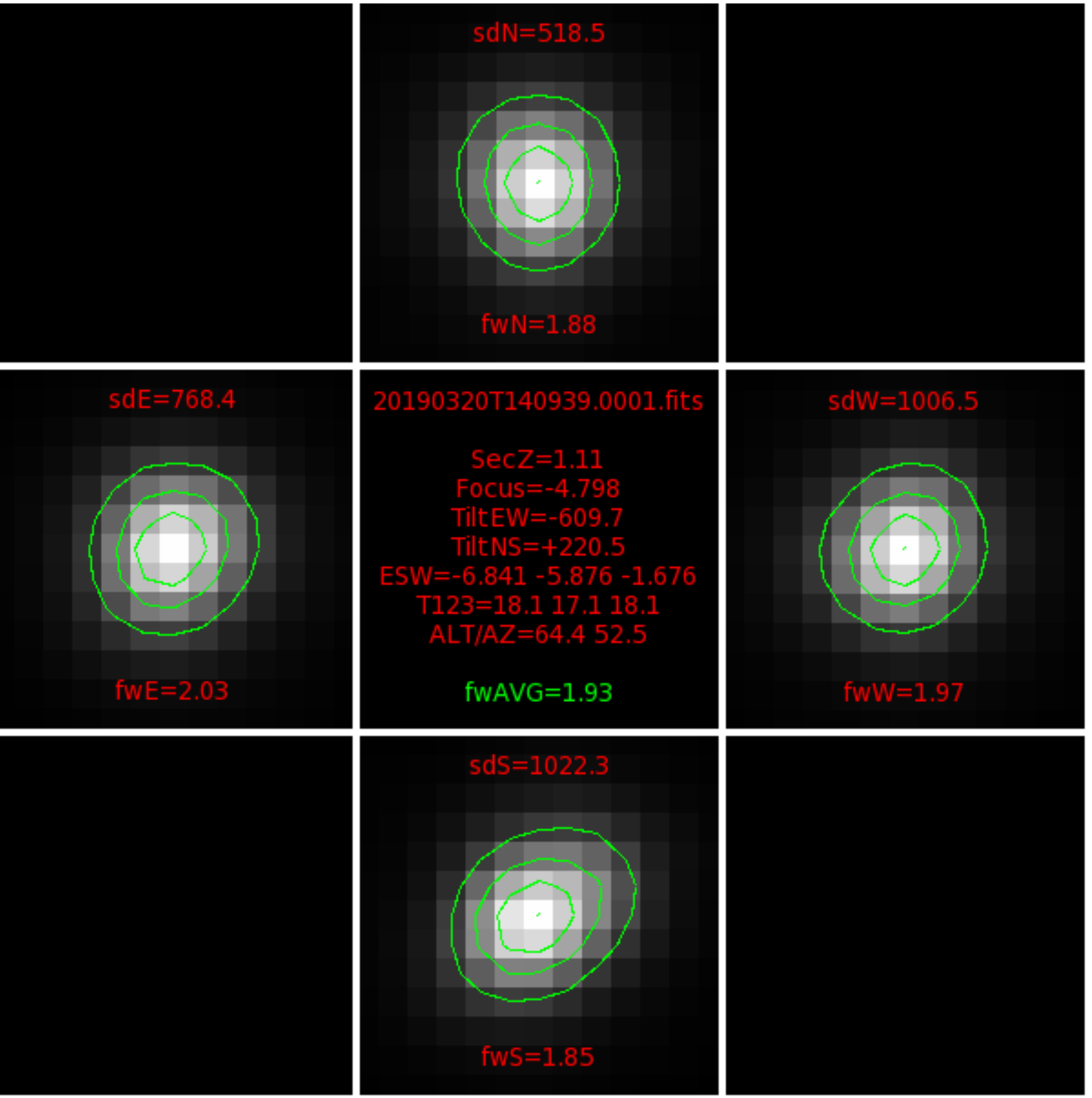
sdN=518.5
fwN=1.88
sdE=768.4
fwE=2.03
20190320T140939.0001.fits
SecZ=1.11
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.1 17.1 18.1
ALT/AZ=64.4 52.5
fwAVG=1.93
sdW=1006.5
fwW=1.97
sdS=1022.3
fwS=1.85
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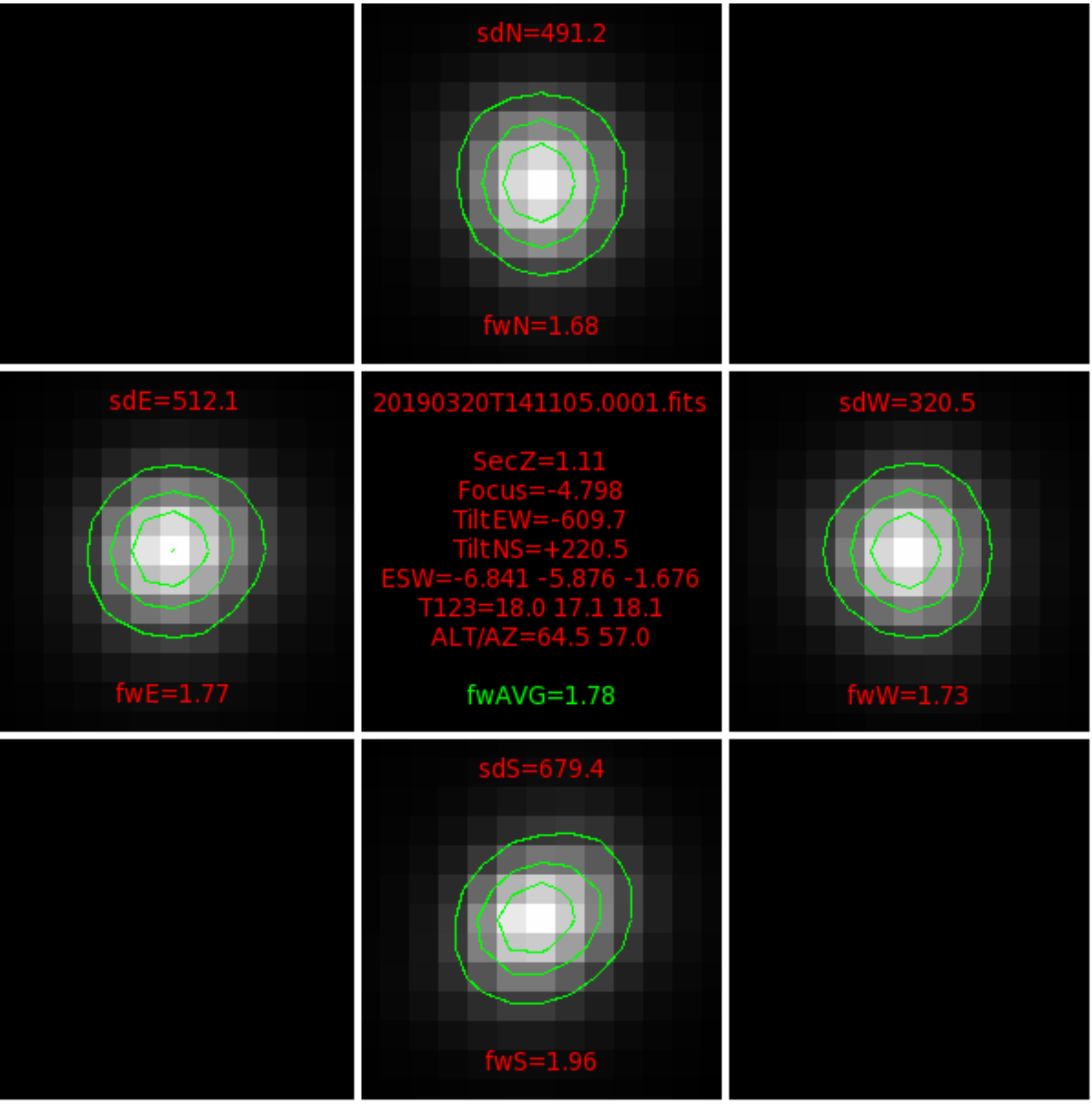
sdN=491.2
fwN=1.68
sdE=512.1
fwE=1.77
20190320T141105.0001.fits
SecZ=1.11
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.0 17.1 18.1
ALT/AZ=64.5 57.0
fwAVG=1.78
sdW=320.5
fwW=1.73
sdS=679.4
fwS=1.96
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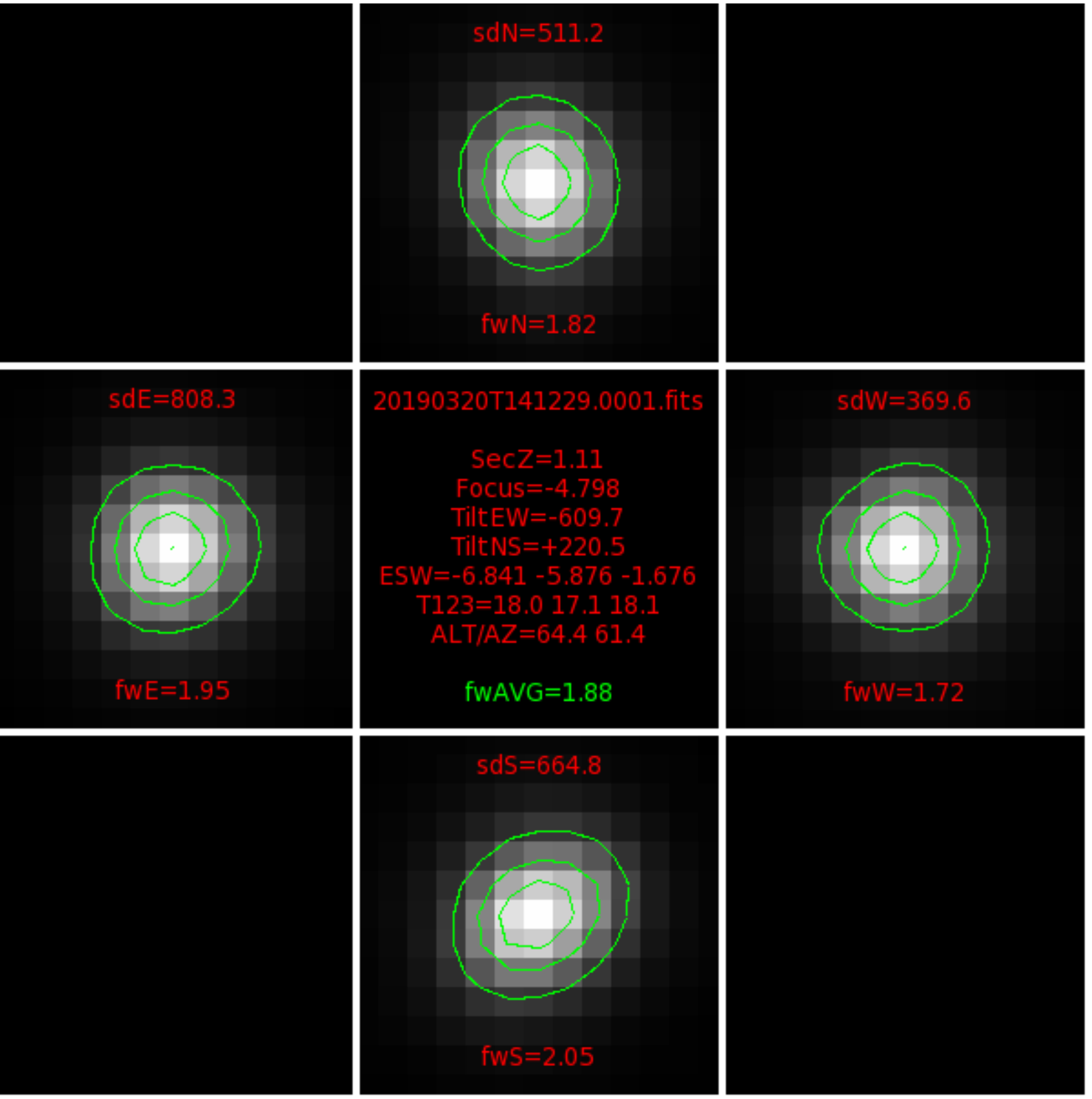
sdN=511.2
fwN=1.82
sdE=808.3
fwE=1.95
20190320T141229.0001.fits
SecZ=1.11
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.0 17.1 18.1
ALT/AZ=64.4 61.4
fwAVG=1.88
sdW=369.6
fwW=1.72
sdS=664.8
fwS=2.05
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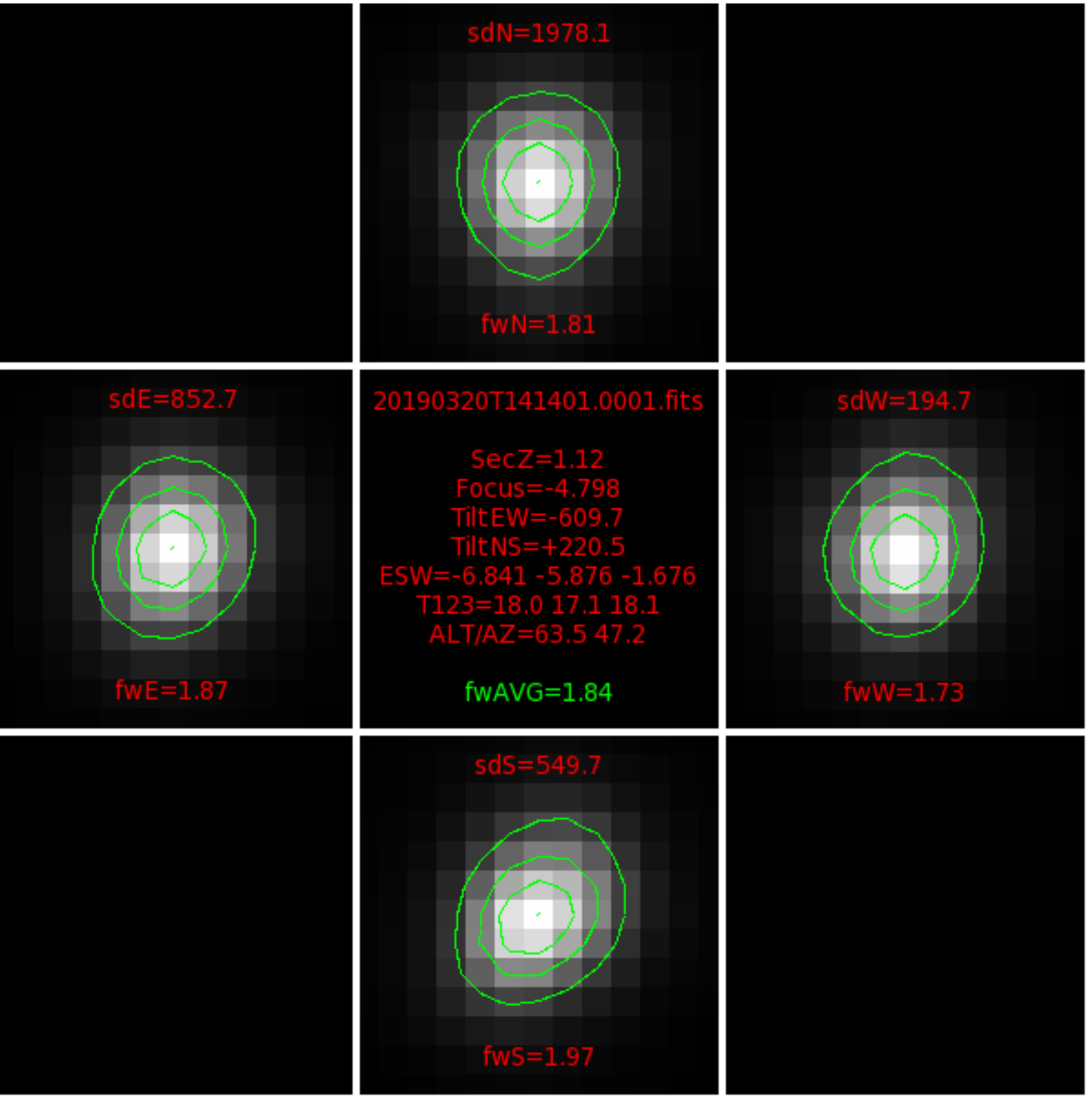
sdN=1978.1
fwN=1.81
sdE=852.7
fwE=1.87
20190320T141401.0001.fits
SecZ=1.12
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.0 17.1 18.1
ALT/AZ=63.5 47.2
fwAVG=1.84
sdW=194.7
fwW=1.73
sdS=549.7
fwS=1.97
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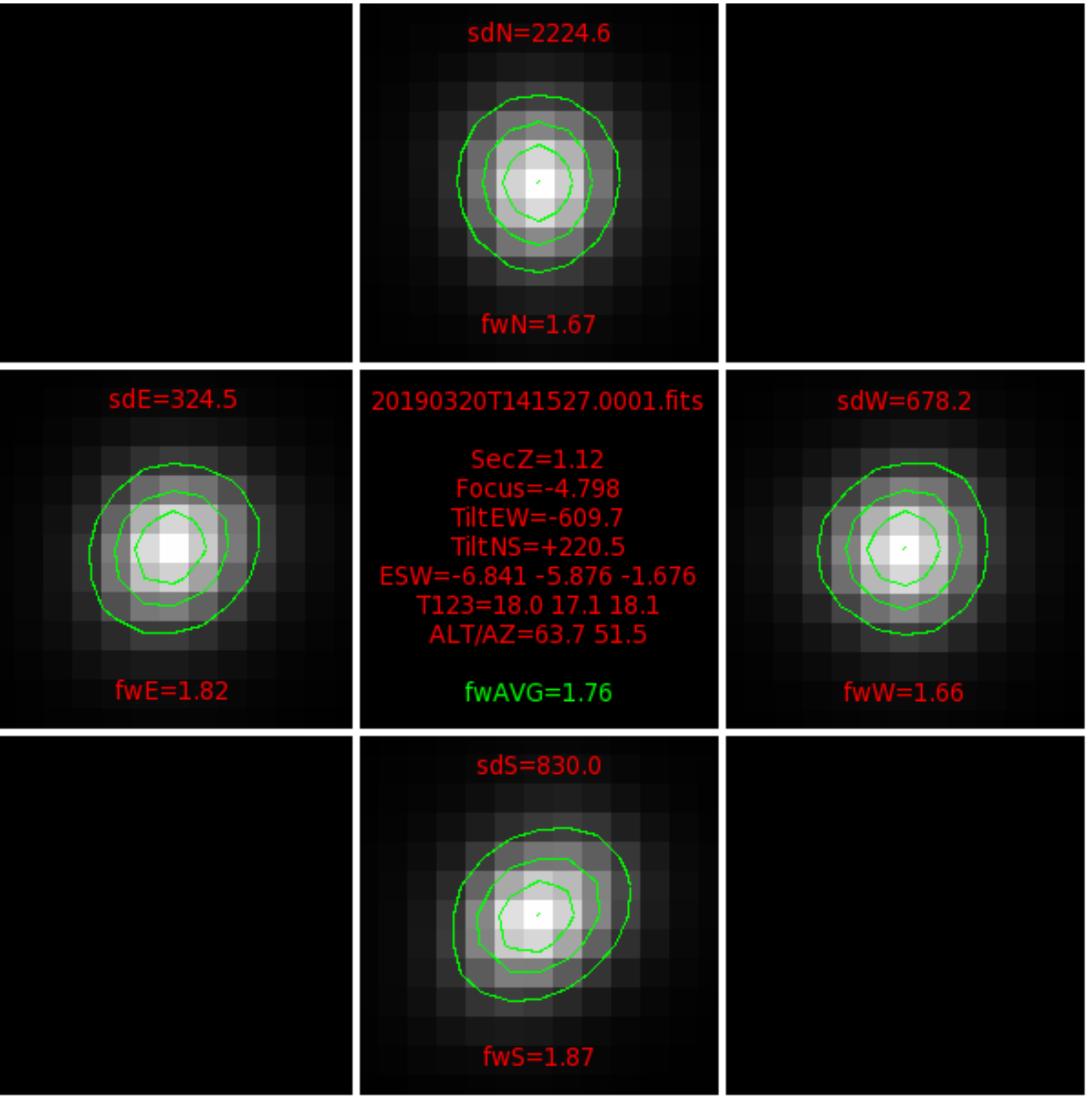
sdN=2224.6
fwN=1.67
sdE=324.5
fwE=1.82
20190320T141527.0001.fits
SecZ=1.12
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.0 17.1 18.1
ALT/AZ=63.7 51.5
fwAVG=1.76
sdW=678.2
fwW=1.66
sdS=830.0
fwS=1.87
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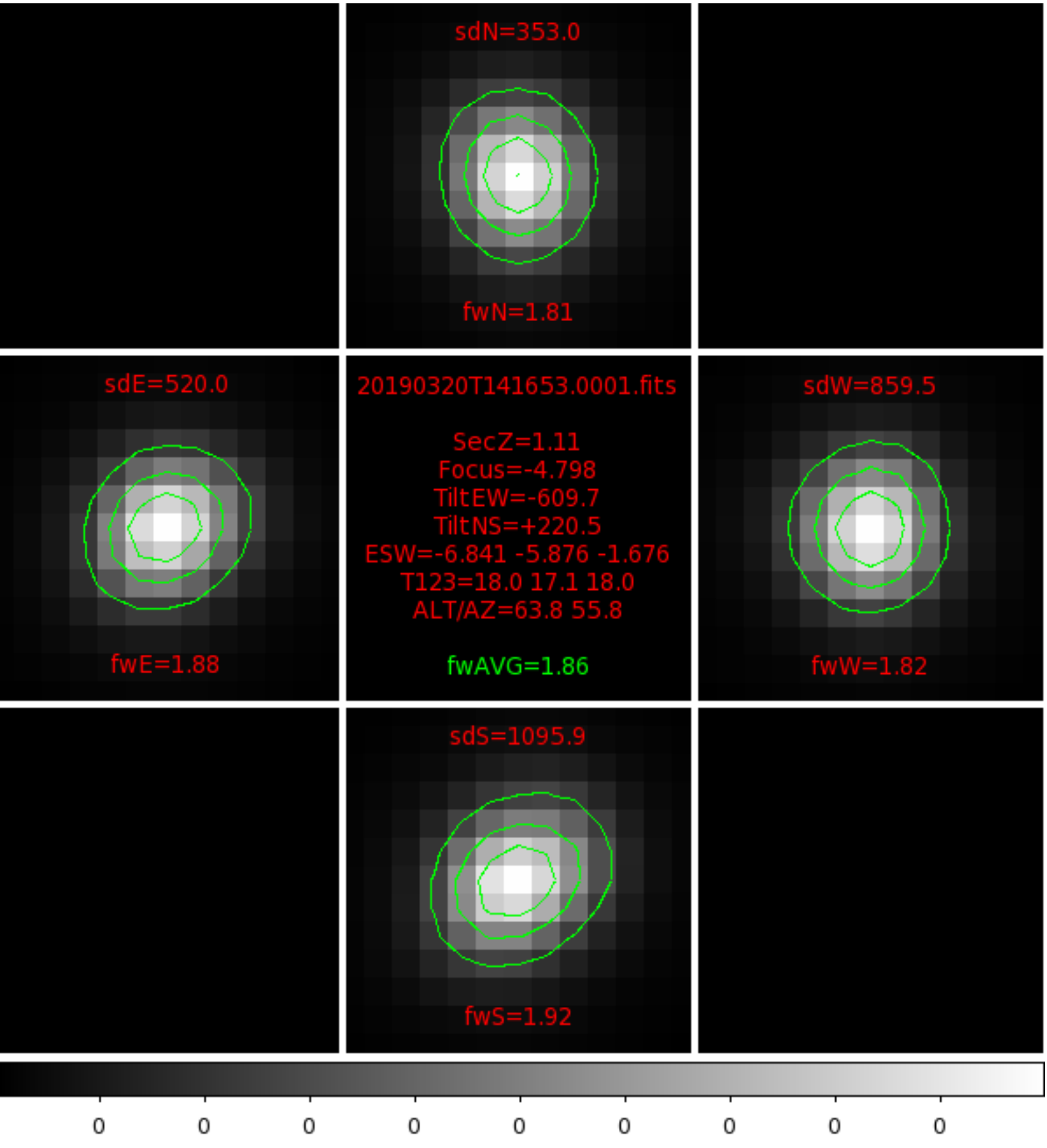
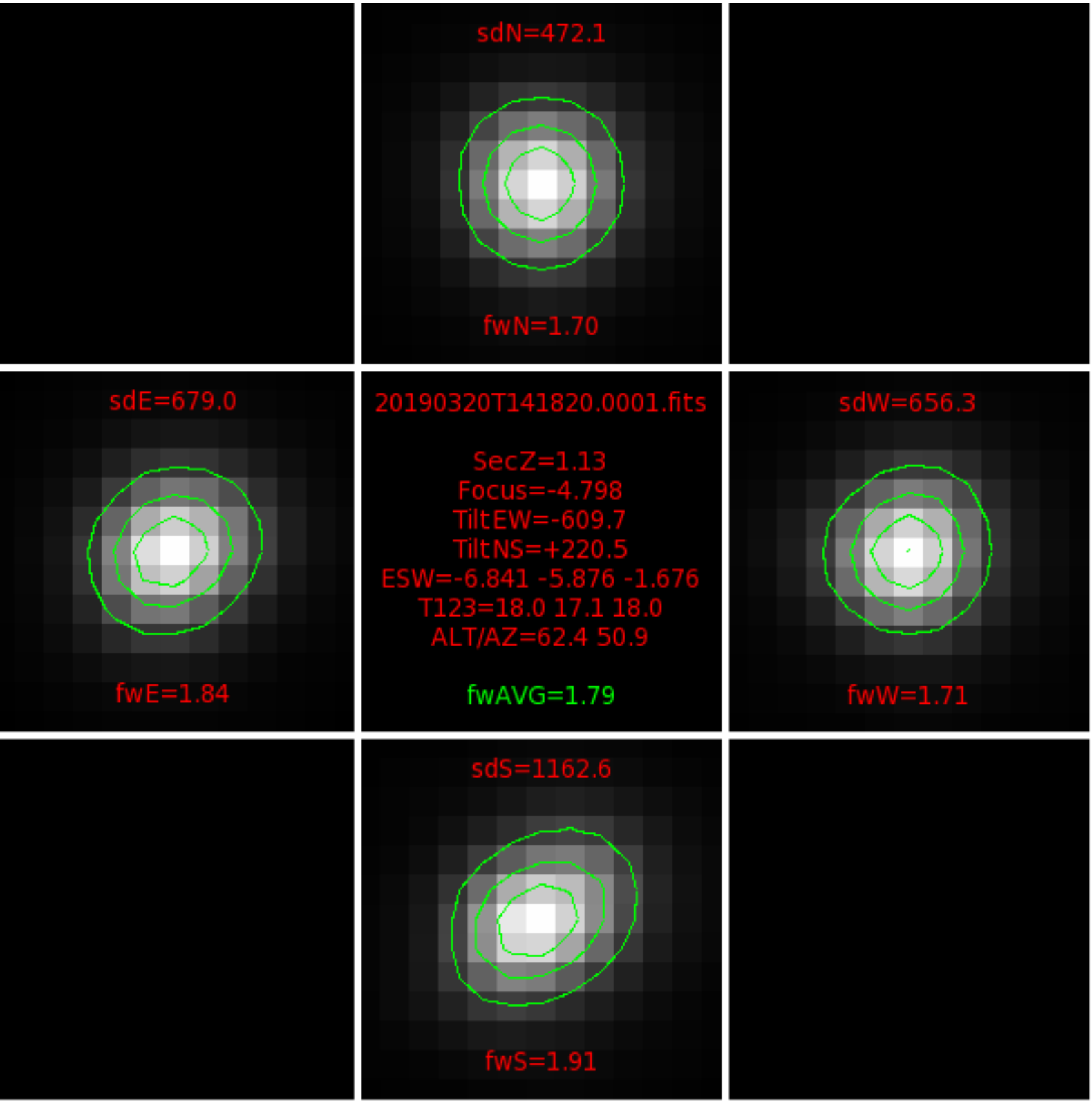

sdN=353.0
fwN=1.81
sdE=520.0
fwE=1.88
20190320T141653.0001.fits
SecZ=1.11
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.0 17.1 18.0
ALT/AZ=63.8 55.8
fwAVG=1.86
sdW=859.5
fwW=1.82
sdS=1095.9
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=472.1
fwN=1.70
sdE=679.0
fwE=1.84
20190320T141820.0001.fits
SecZ=1.13
Focus=-4.798
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.841 -5.876 -1.676
T123=18.0 17.1 18.0
ALT/AZ=62.4 50.9
fwAVG=1.79
sdW=656.3
fwW=1.71
sdS=1162.6
fwS=1.91
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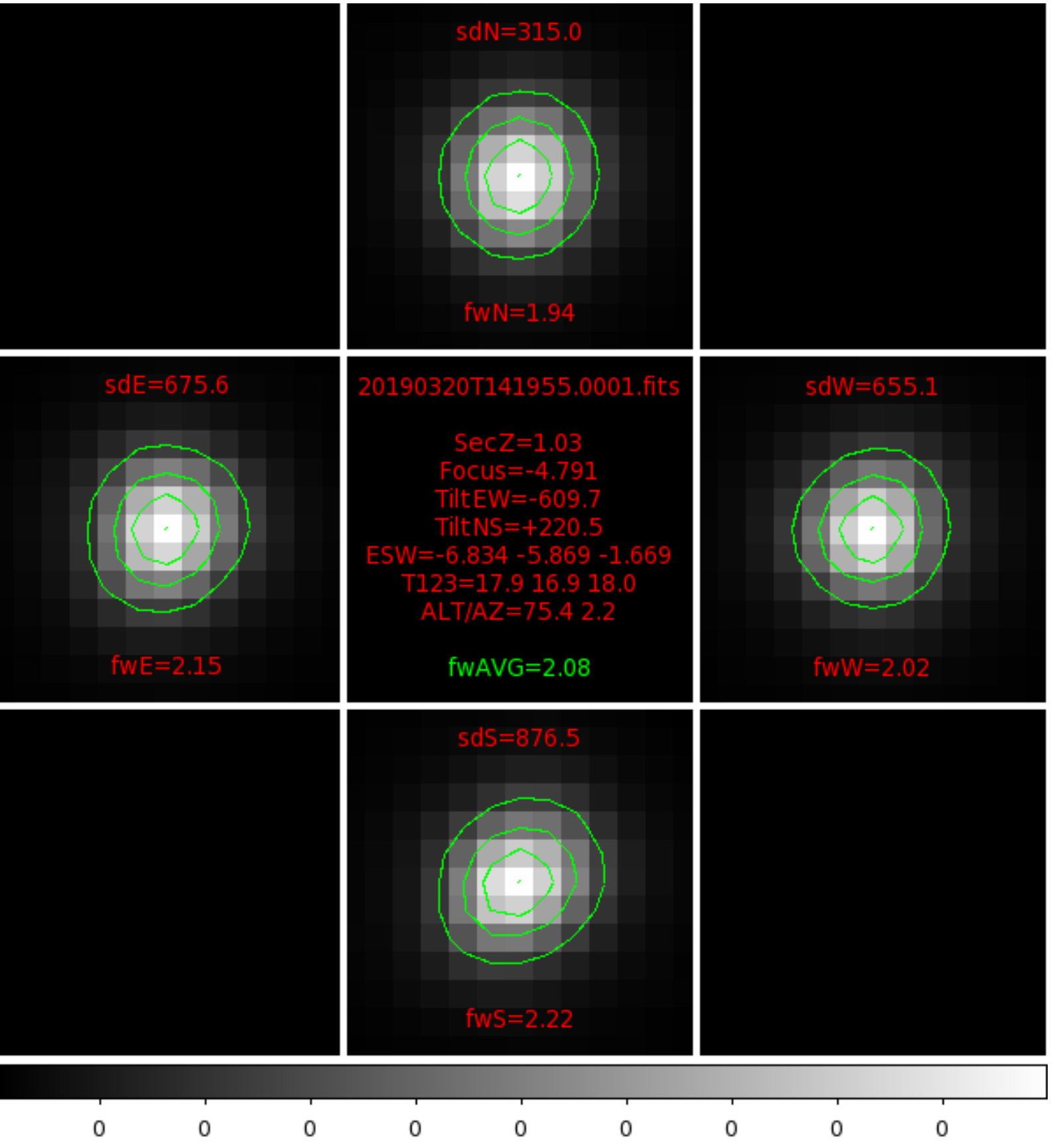
sdN=315.0
fwN=1.94
sdE=675.6
fwE=2.15
20190320T141955.0001.fits
SecZ=1.03
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.9 16.9 18.0
ALT/AZ=75.4 2.2
fwAVG=2.08
sdW=655.1
fwW=2.02
sdS=876.5
fwS=2.22
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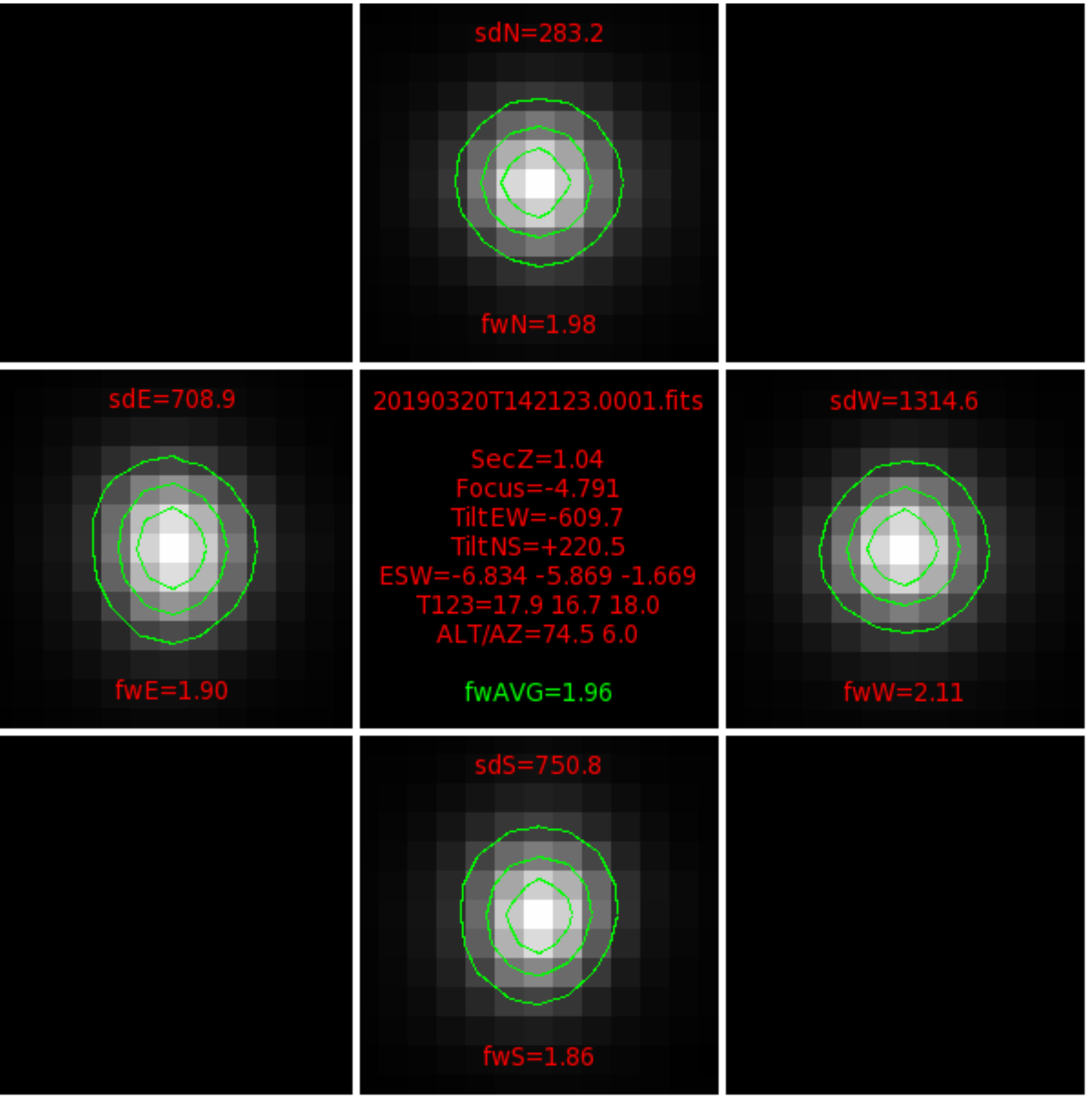
sdN=283.2
fwN=1.98
sdE=708.9
fwE=1.90
20190320T142123.0001.fits
SecZ=1.04
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.9 16.7 18.0
ALT/AZ=74.5 6.0
fwAVG=1.96
sdW=1314.6
fwW=2.11
sdS=750.8
fwS=1.86
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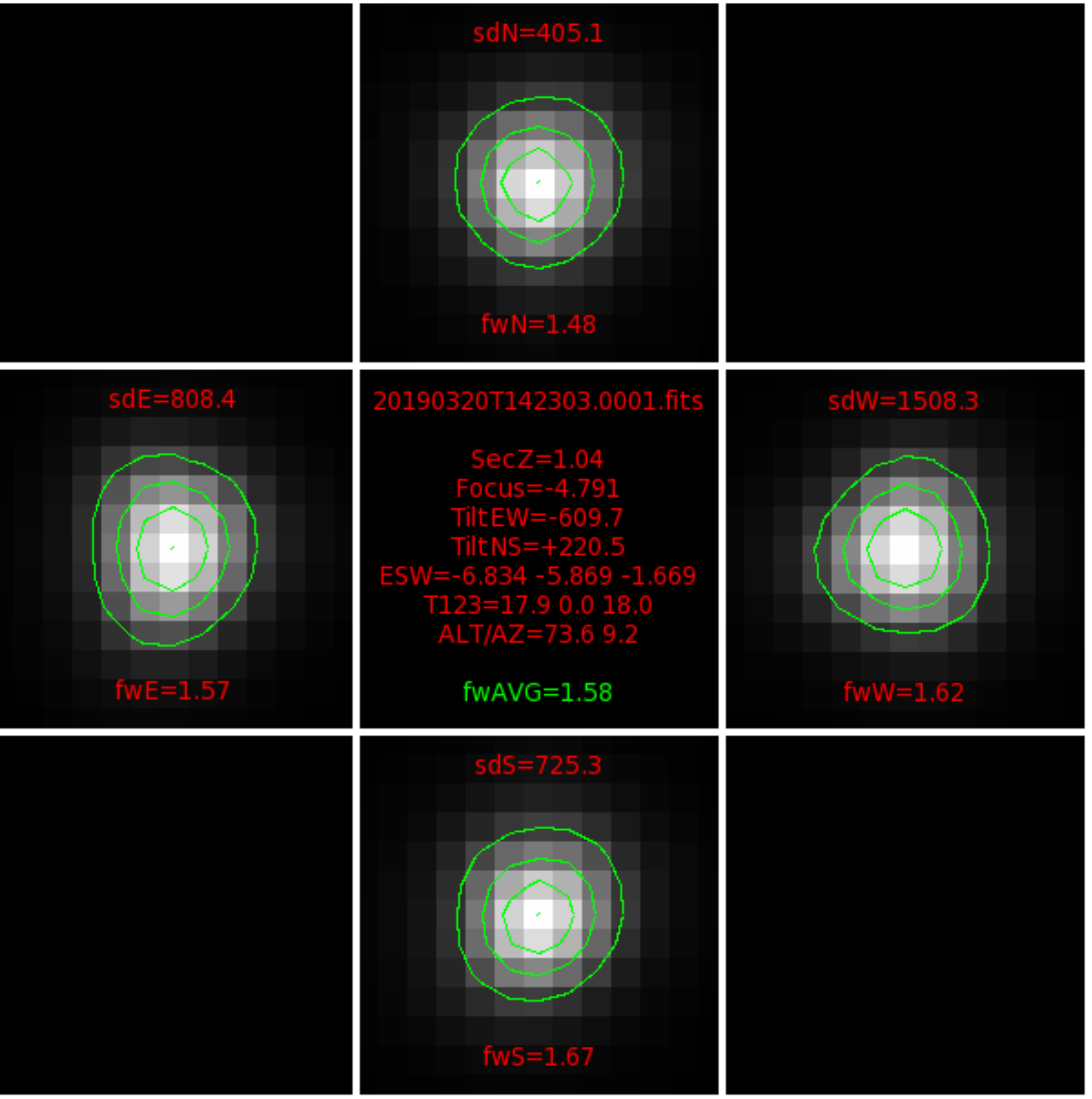
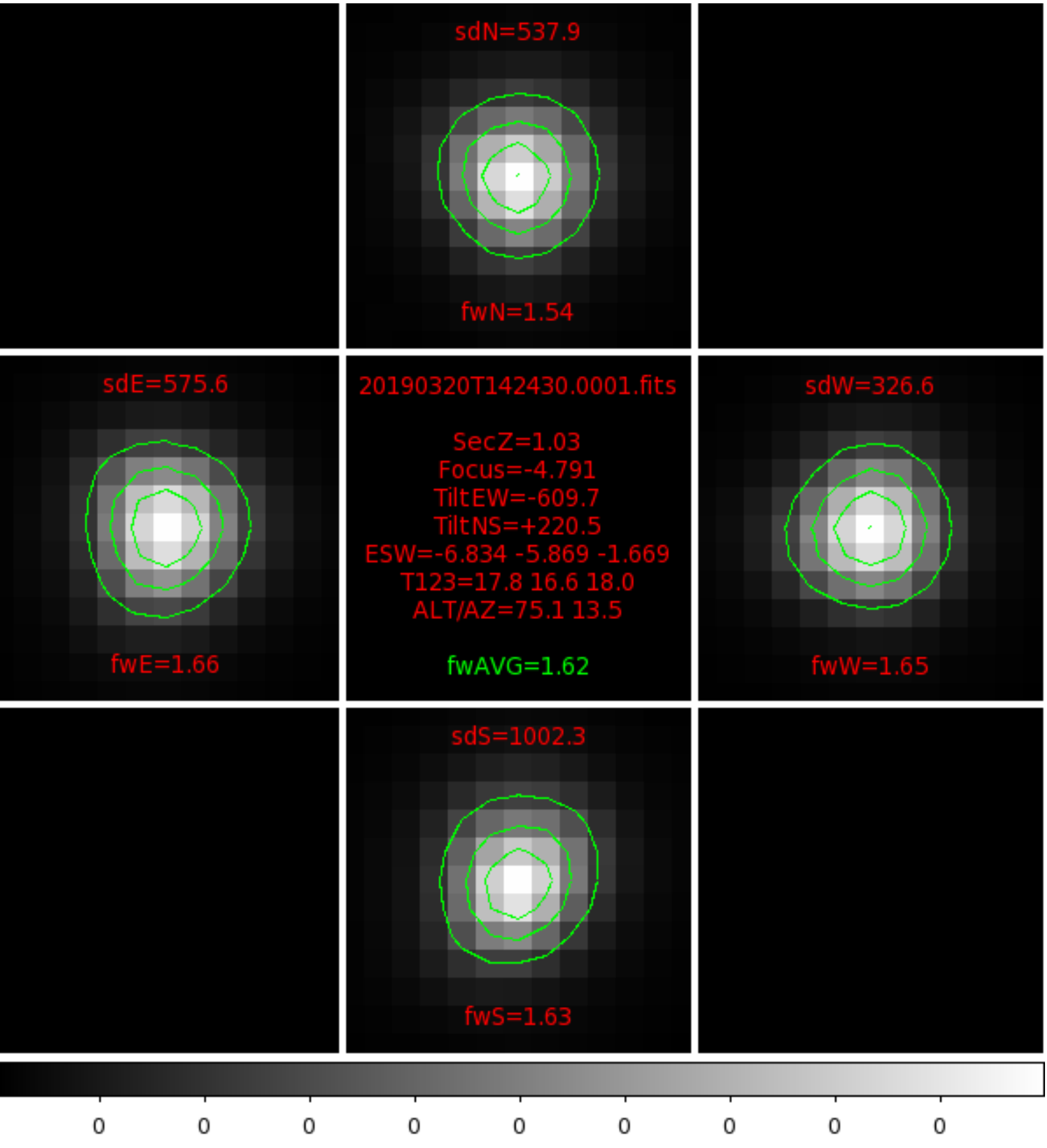

sdN=405.1
fwN=1.48
sdE=808.4
fwE=1.57
20190320T142303.0001.fits
SecZ=1.04
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.9 0.0 18.0
ALT/AZ=73.6 9.2
fwAVG=1.58
sdW=1508.3
fwW=1.62
sdS=725.3
fwS=1.67
0 0 0 0 0 0 0 0 0


sdN=537.9
fwN=1.54
sdE=575.6
fwE=1.66
20190320T142430.0001.fits
SecZ=1.03
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.8 16.6 18.0
ALT/AZ=75.1 13.5
fwAVG=1.62
sdW=326.6
fwW=1.65
sdS=1002.3
fwS=1.63
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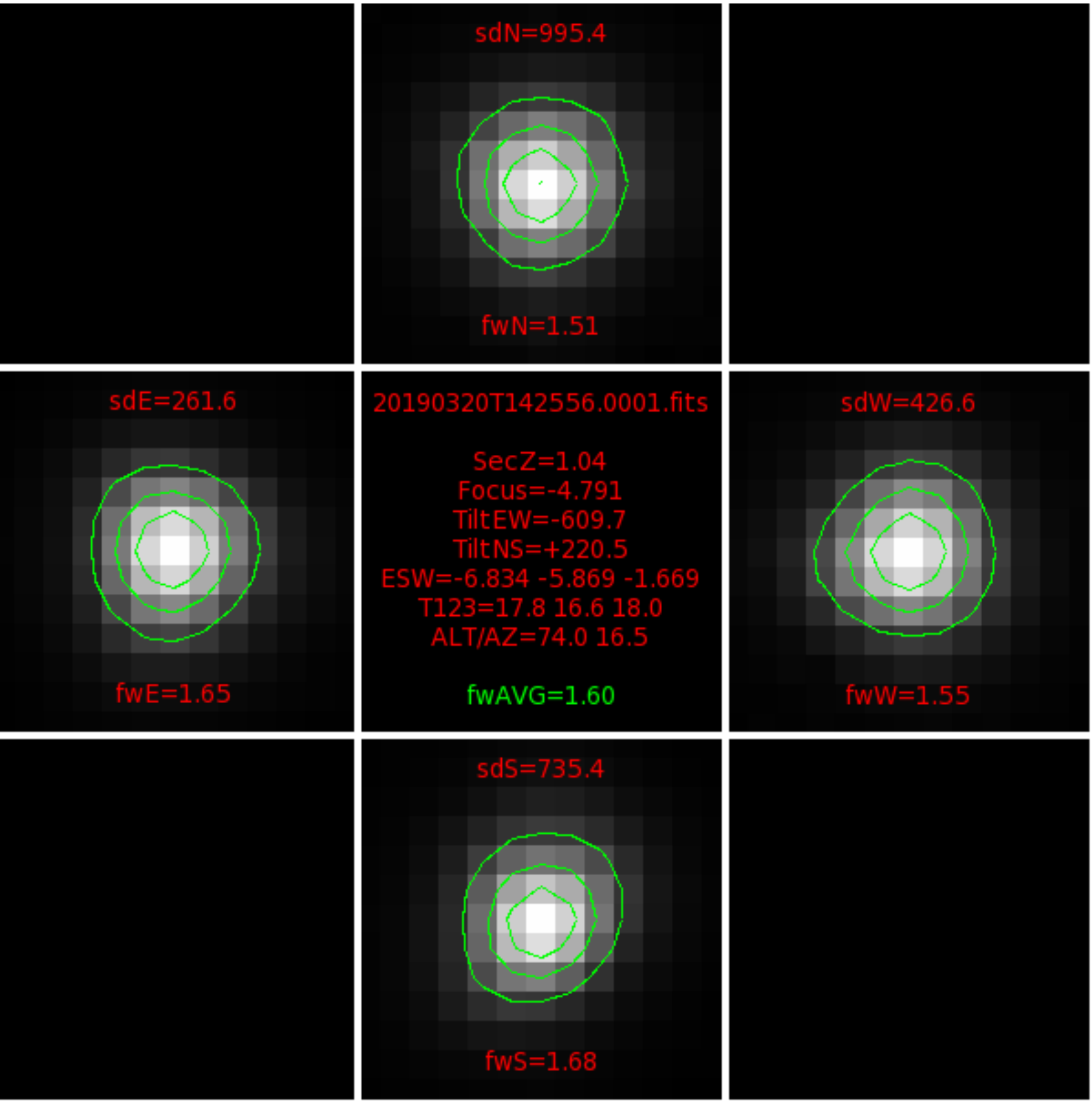
sdN=995.4
fwN=1.51
sdE=261.6
fwE=1.65
20190320T142556.0001.fits
SecZ=1.04
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.8 16.6 18.0
ALT/AZ=74.0 16.5
fwAVG=1.60
sdW=426.6
fwW=1.55
sdS=735.4
fwS=1.68
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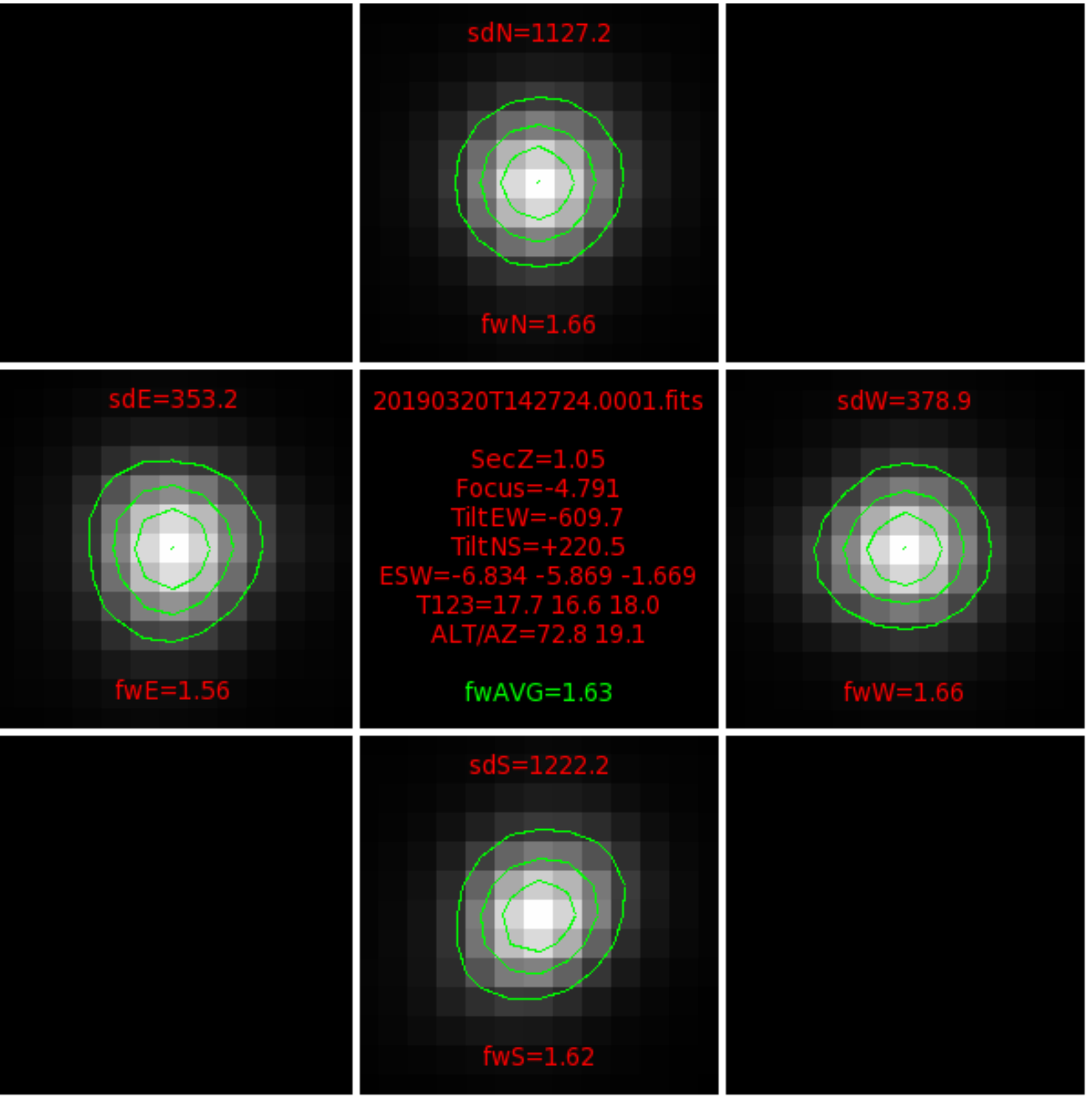
sdN=1127.2
fwN=1.66
sdE=353.2
fwE=1.56
20190320T142724.0001.fits
SecZ=1.05
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.7 16.6 18.0
ALT/AZ=72.8 19.1
fwAVG=1.63
sdW=378.9
fwW=1.66
sdS=1222.2
fwS=1.62
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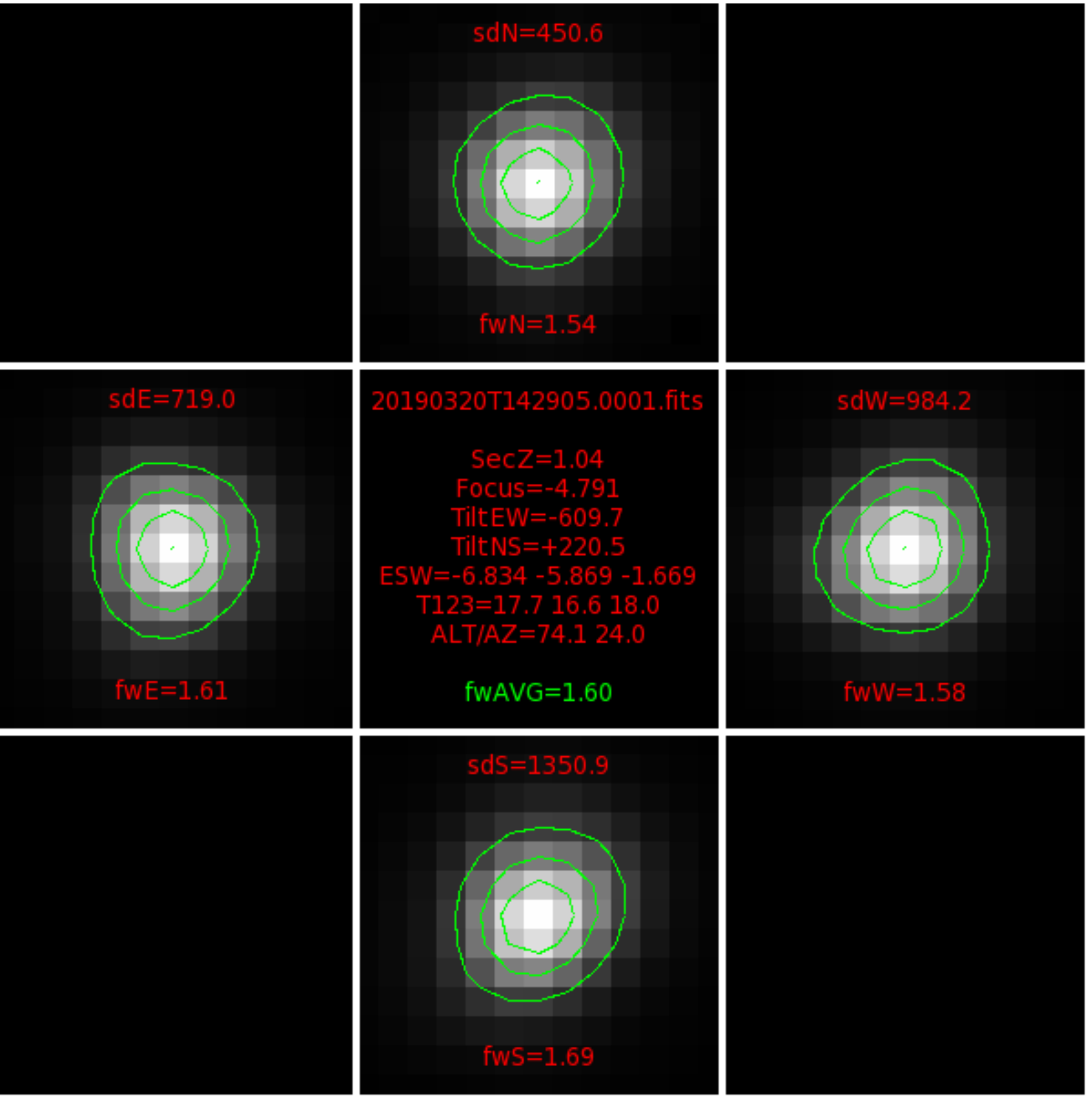
sdN=450.6
fwN=1.54
sdE=719.0
fwE=1.61
20190320T142905.0001.fits
SecZ=1.04
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.7 16.6 18.0
ALT/AZ=74.1 24.0
fwAVG=1.60
sdW=984.2
fwW=1.58
sdS=1350.9
fwS=1.69
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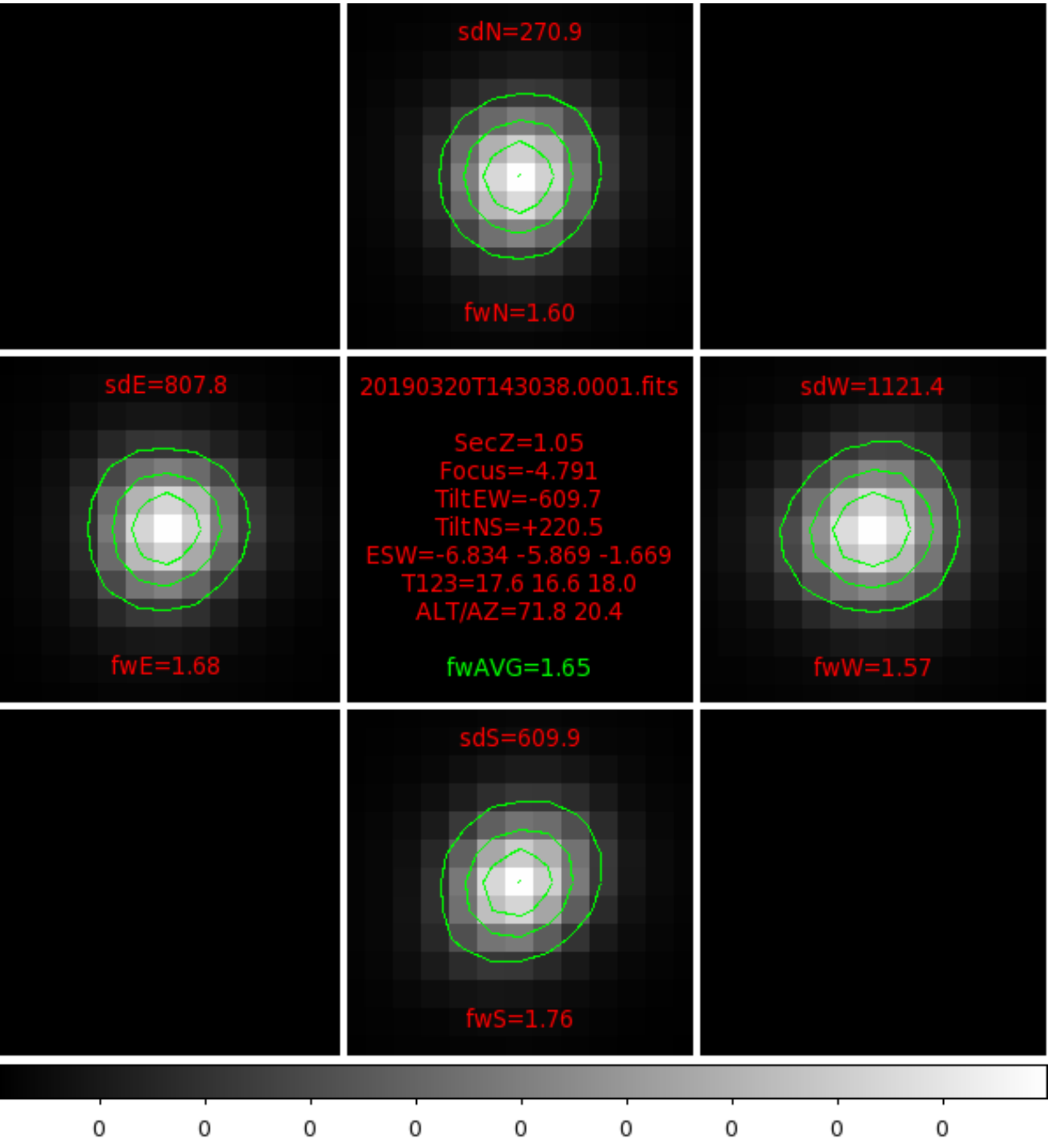
sdN=270.9
fwN=1.60
sdE=807.8
fwE=1.68
20190320T143038.0001.fits
SecZ=1.05
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.6 16.6 18.0
ALT/AZ=71.8 20.4
fwAVG=1.65
sdW=1121.4
fwW=1.57
sdS=609.9
fwS=1.76
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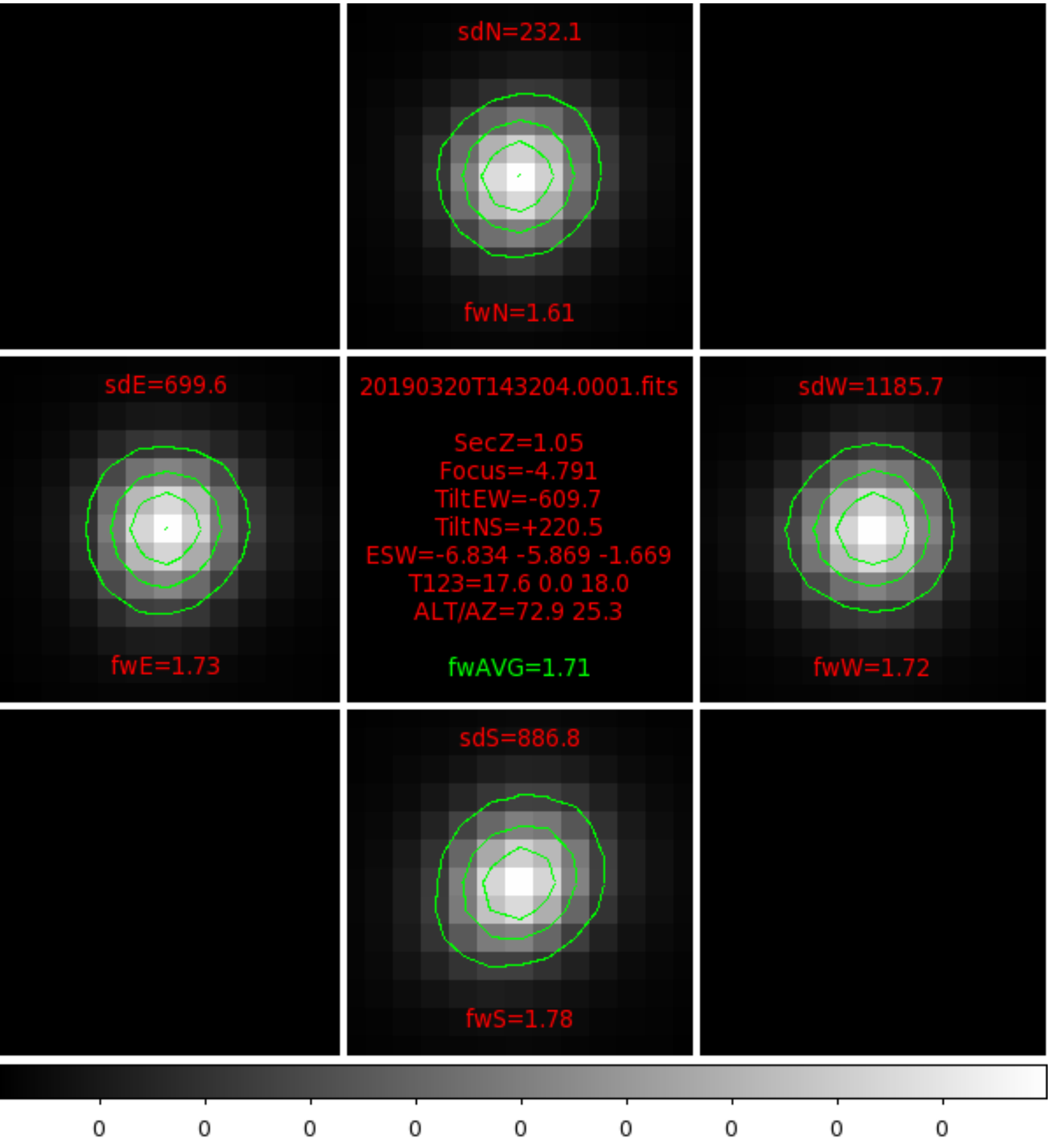
sdN=232.1
fwN=1.61
sdE=699.6
fwE=1.73
20190320T143204.0001.fits
SecZ=1.05
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.6 0.0 18.0
ALT/AZ=72.9 25.3
fwAVG=1.71
sdW=1185.7
fwW=1.72
sdS=886.8
fwS=1.78
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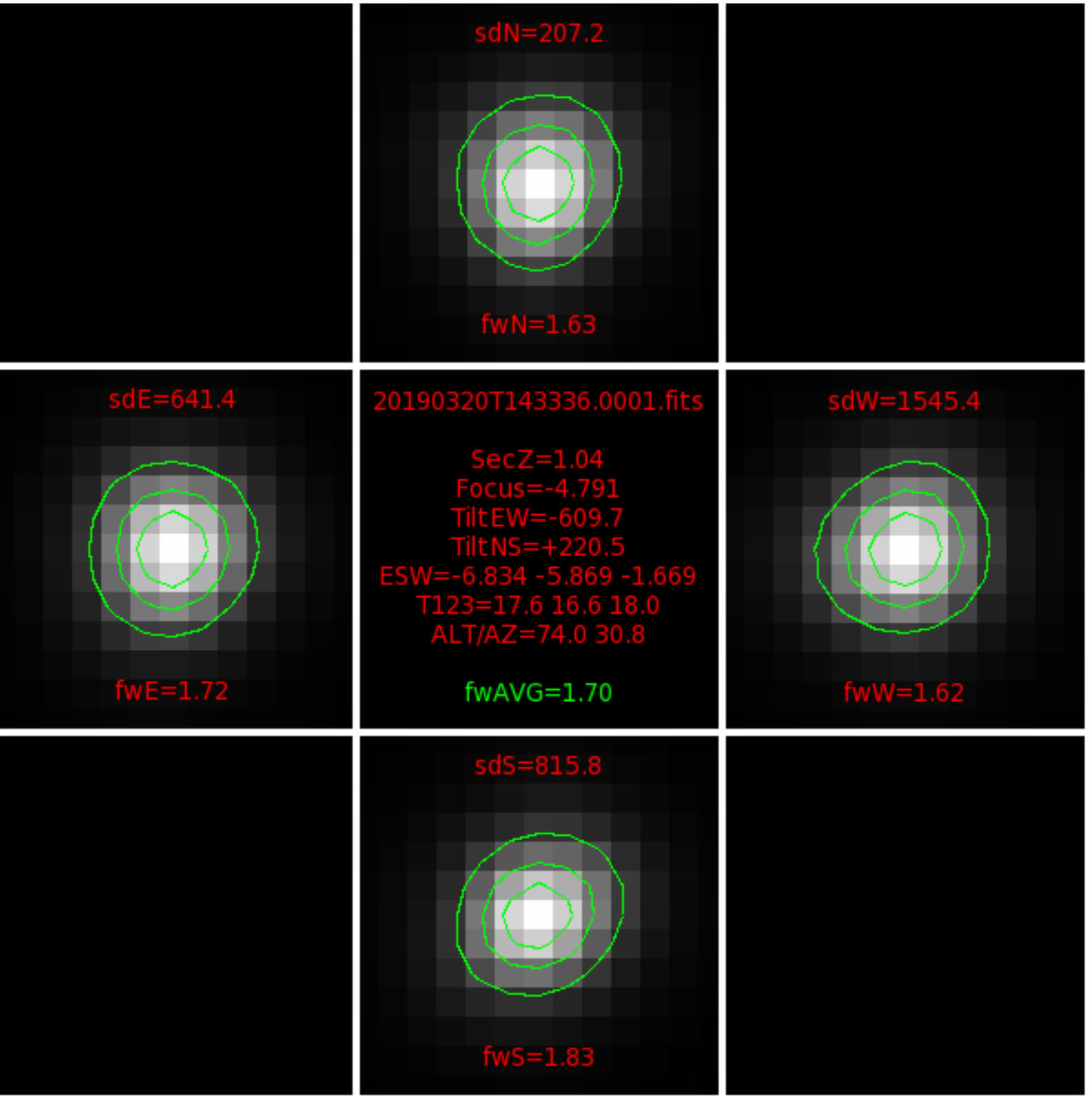
sdN=207.2
fwN=1.63
sdE=641.4
fwE=1.72
20190320T143336.0001.fits
SecZ=1.04
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.6 16.6 18.0
ALT/AZ=74.0 30.8
fwAVG=1.70
sdW=1545.4
fwW=1.62
sdS=815.8
fwS=1.83
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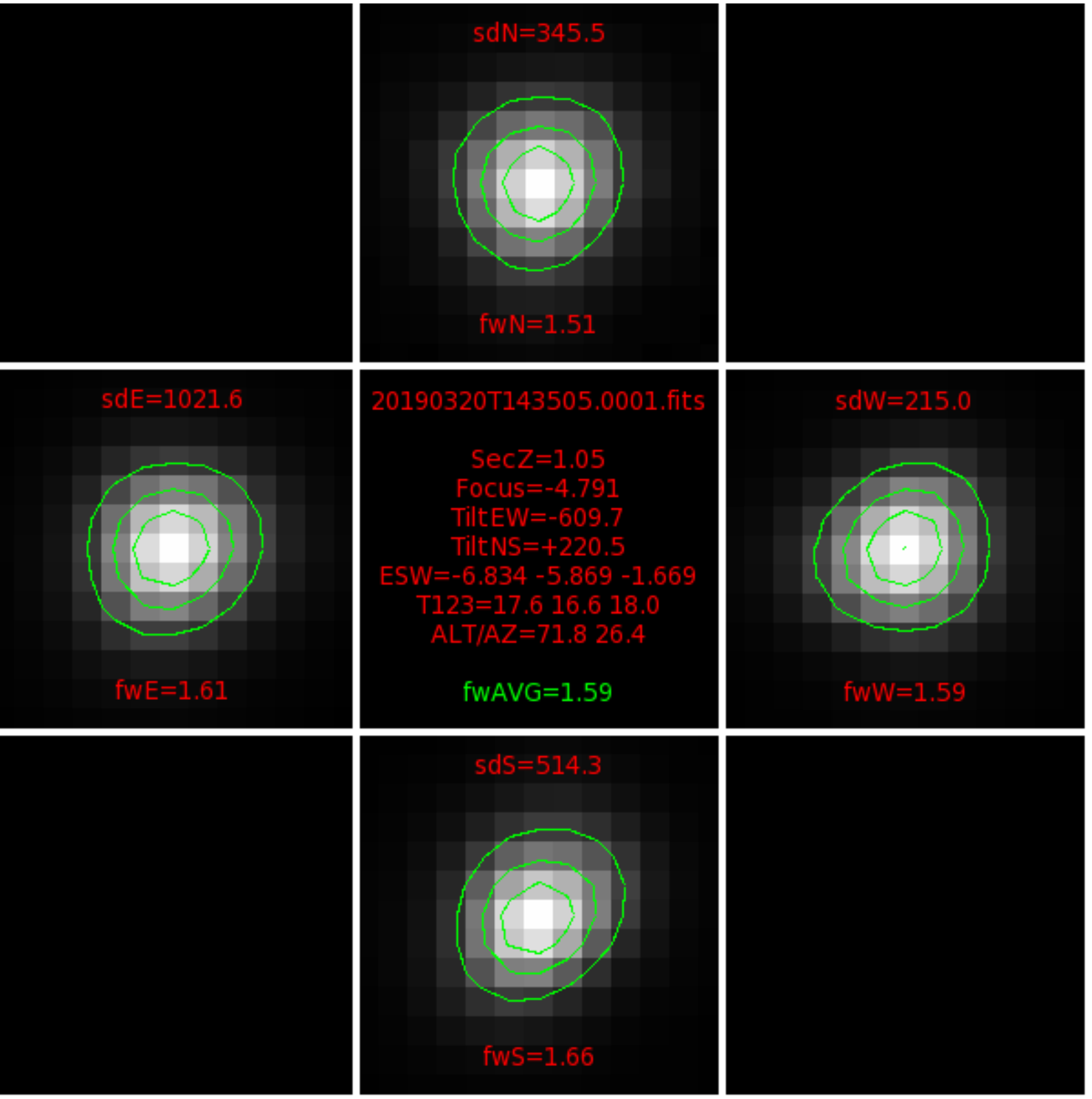
sdN=345.5
fwN=1.51
sdE=1021.6
fwE=1.61
20190320T143505.0001.fits
SecZ=1.05
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.6 16.6 18.0
ALT/AZ=71.8 26.4
fwAVG=1.59
sdW=215.0
fwW=1.59
sdS=514.3
fwS=1.66
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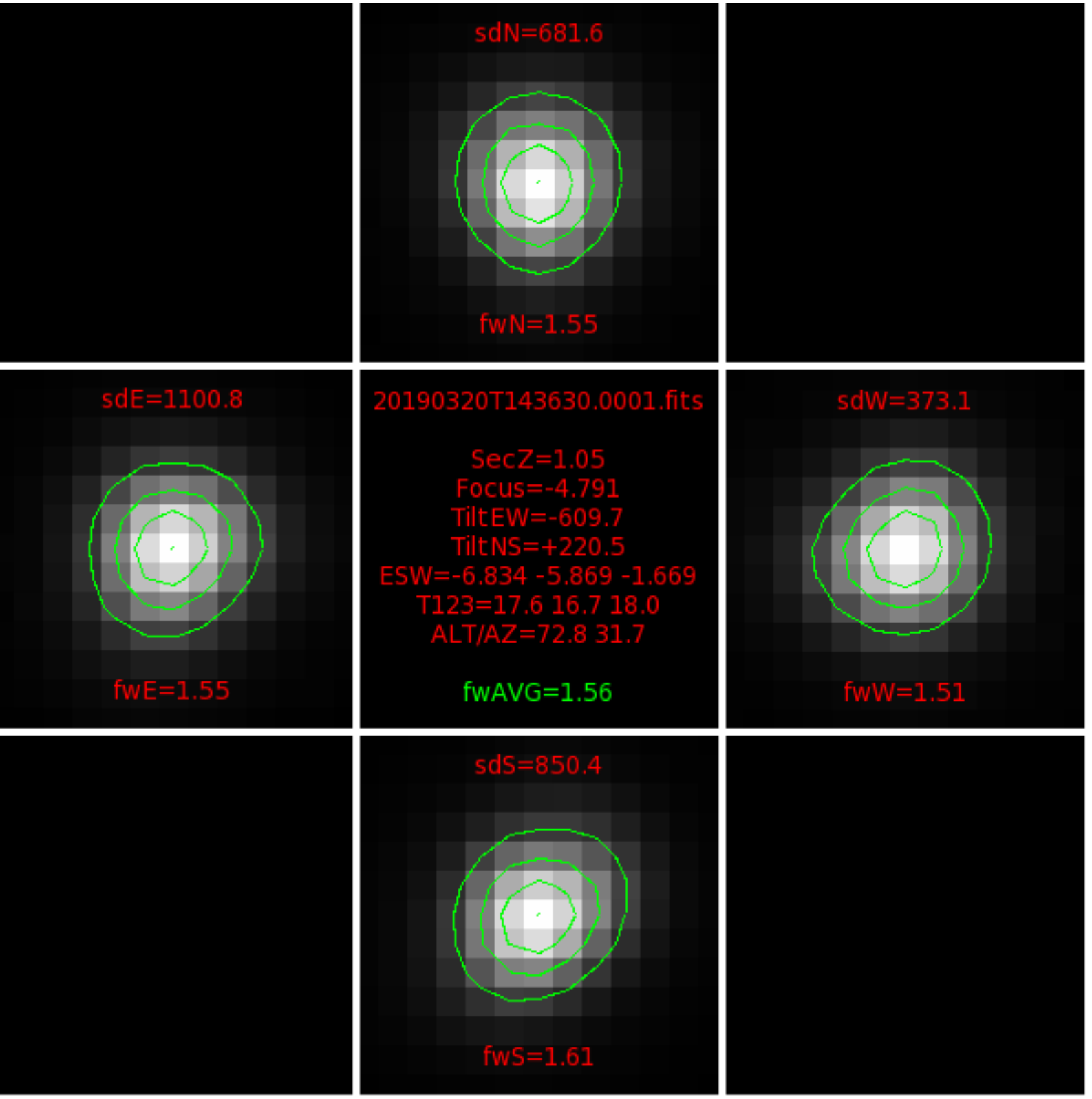
sdN=681.6
fwN=1.55
sdE=1100.8
fwE=1.55
20190320T143630.0001.fits
SecZ=1.05
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.6 16.7 18.0
ALT/AZ=72.8 31.7
fwAVG=1.56
sdW=373.1
fwW=1.51
sdS=850.4
fwS=1.61
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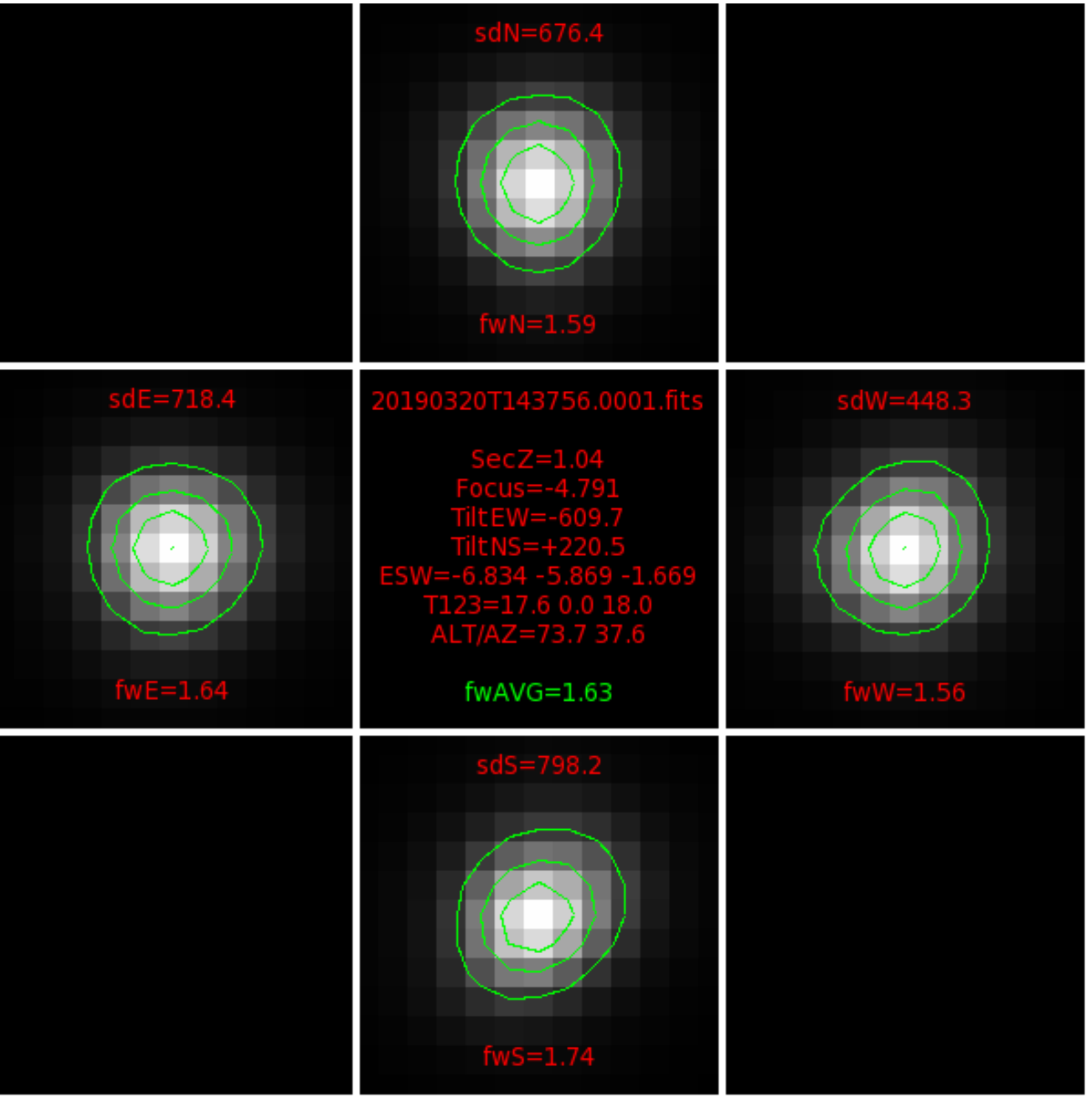
sdN=676.4
fwN=1.59
sdE=718.4
fwE=1.64
20190320T143756.0001.fits
SecZ=1.04
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.6 0.0 18.0
ALT/AZ=73.7 37.6
fwAVG=1.63
sdW=448.3
fwW=1.56
sdS=798.2
fwS=1.74
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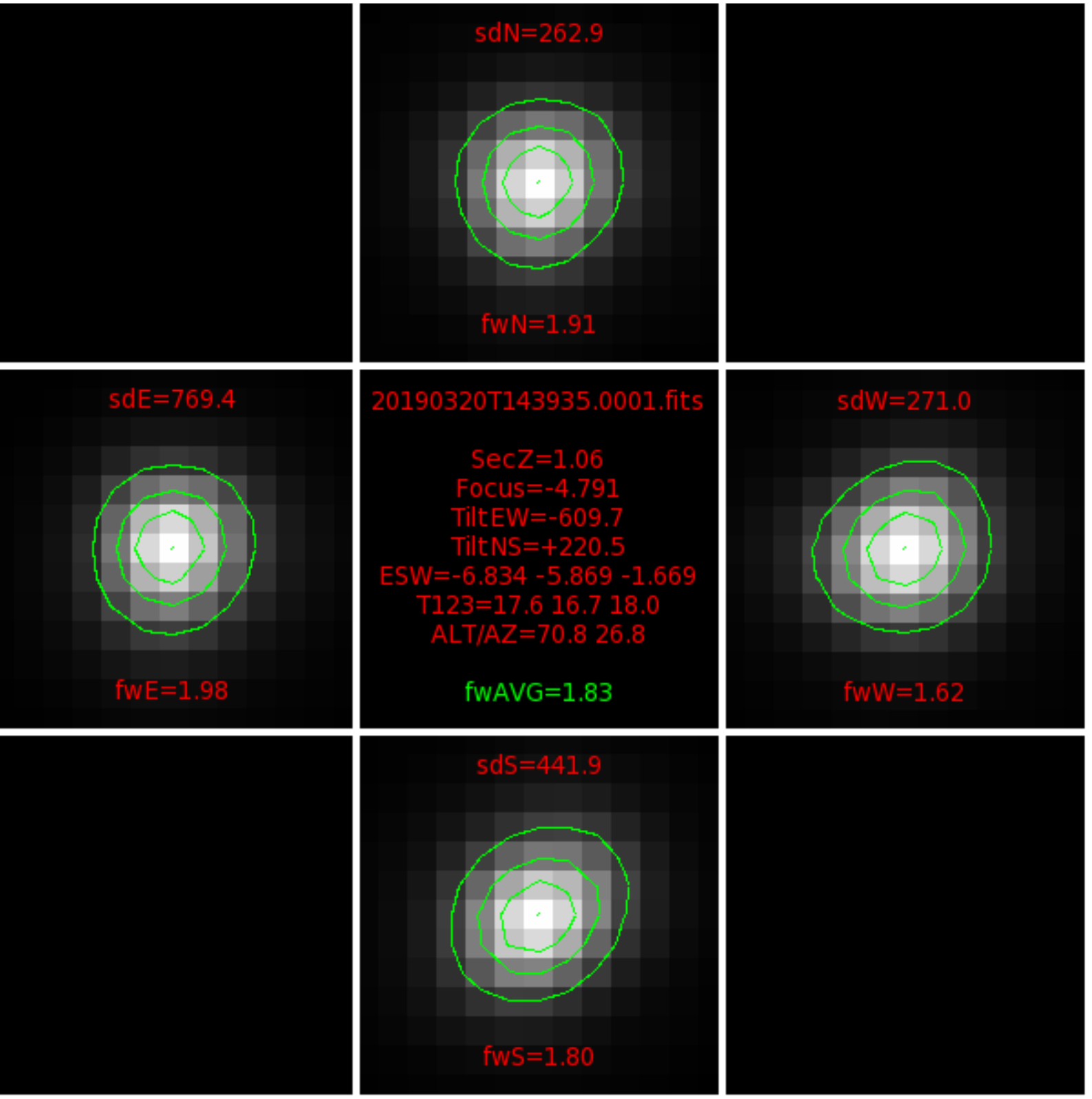
sdN=262.9
fwN=1.91
sdE=769.4
fwE=1.98
20190320T143935.0001.fits
SecZ=1.06
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.6 16.7 18.0
ALT/AZ=70.8 26.8
fwAVG=1.83
sdW=271.0
fwW=1.62
sdS=441.9
fwS=1.80
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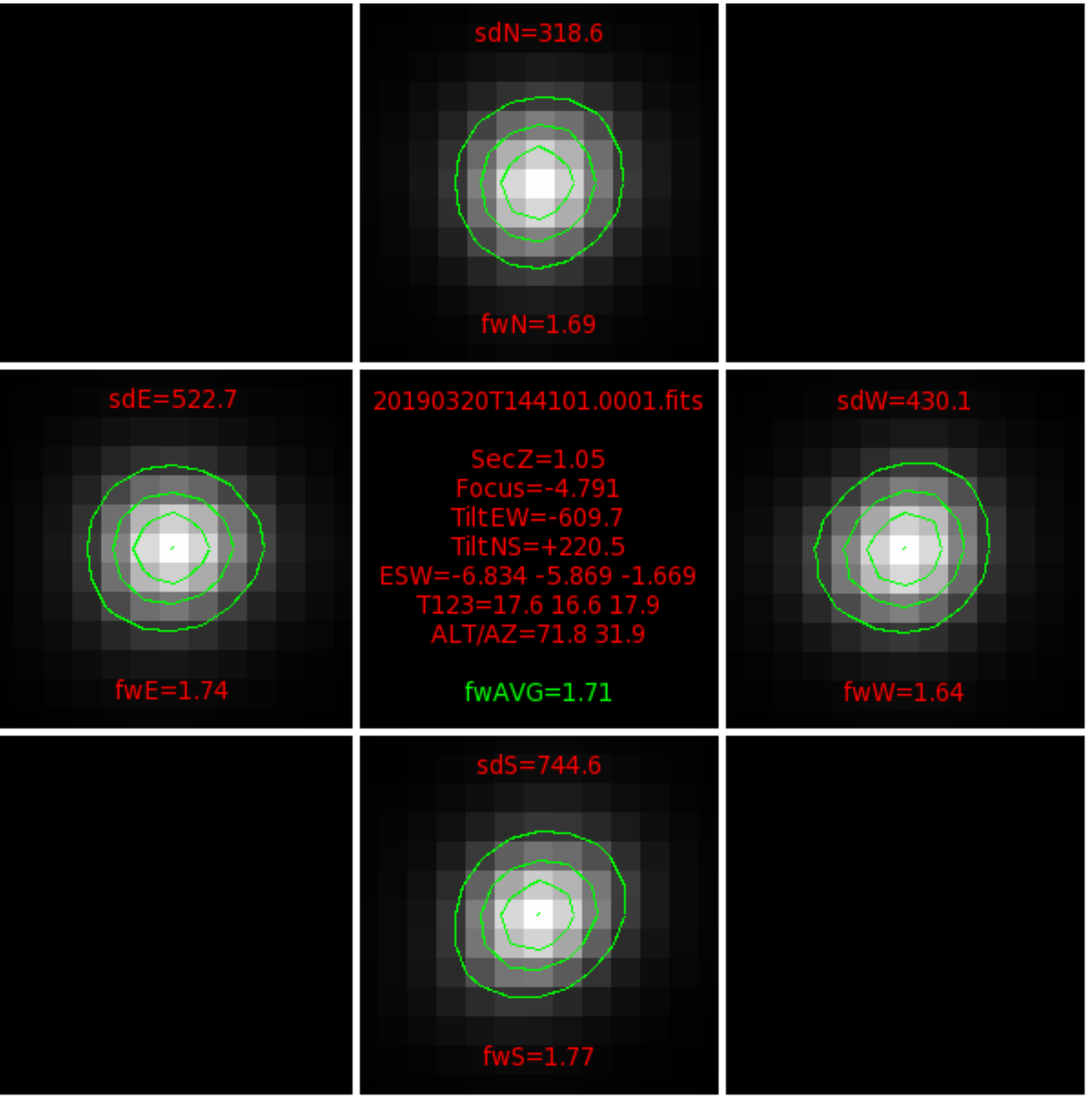
sdN=318.6
fwN=1.69
sdE=522.7
fwE=1.74
20190320T144101.0001.fits
SecZ=1.05
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.6 16.6 17.9
ALT/AZ=71.8 31.9
fwAVG=1.71
sdW=430.1
fwW=1.64
sdS=744.6
fwS=1.77
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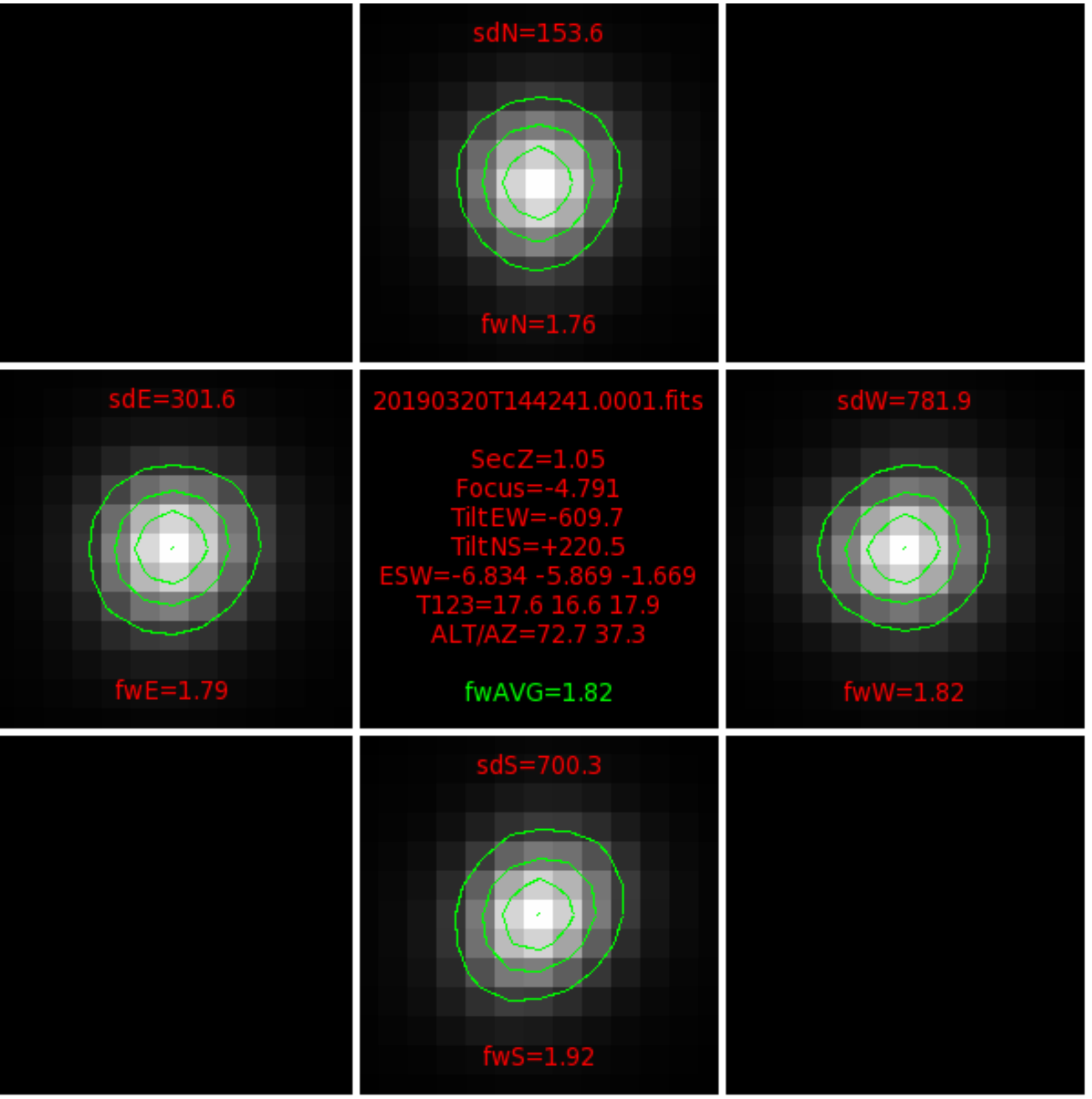
sdN=153.6
fwN=1.76
sdE=301.6
fwE=1.79
20190320T144241.0001.fits
SecZ=1.05
Focus=-4.791
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.834 -5.869 -1.669
T123=17.6 16.6 17.9
ALT/AZ=72.7 37.3
fwAVG=1.82
sdW=781.9
fwW=1.82
sdS=700.3
fwS=1.92
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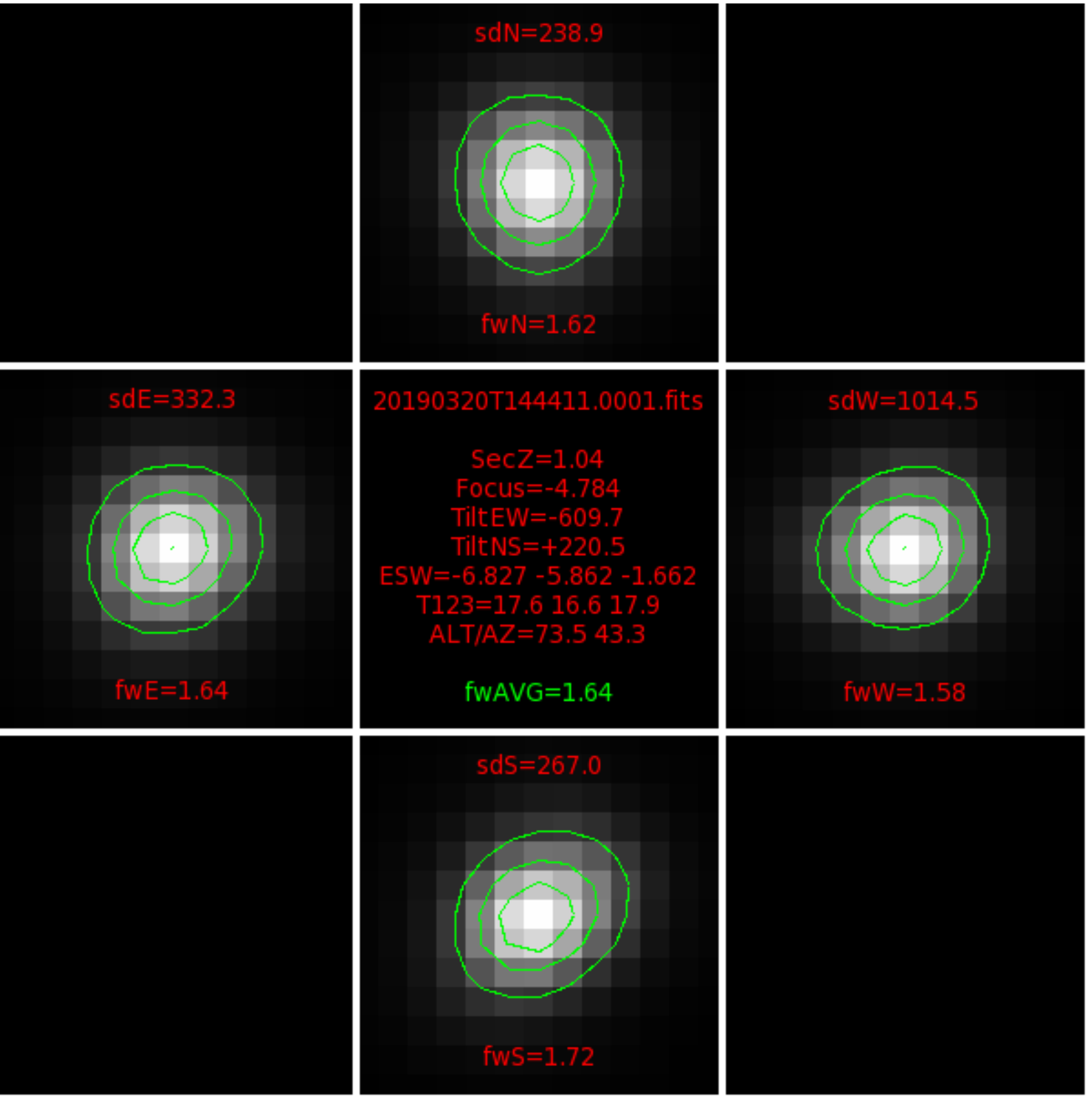
sdN=238.9
fwN=1.62
sdE=332.3
fwE=1.64
20190320T144411.0001.fits
SecZ=1.04
Focus=-4.784
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.827 -5.862 -1.662
T123=17.6 16.6 17.9
ALT/AZ=73.5 43.3
fwAVG=1.64
sdW=1014.5
fwW=1.58
sdS=267.0
fwS=1.72
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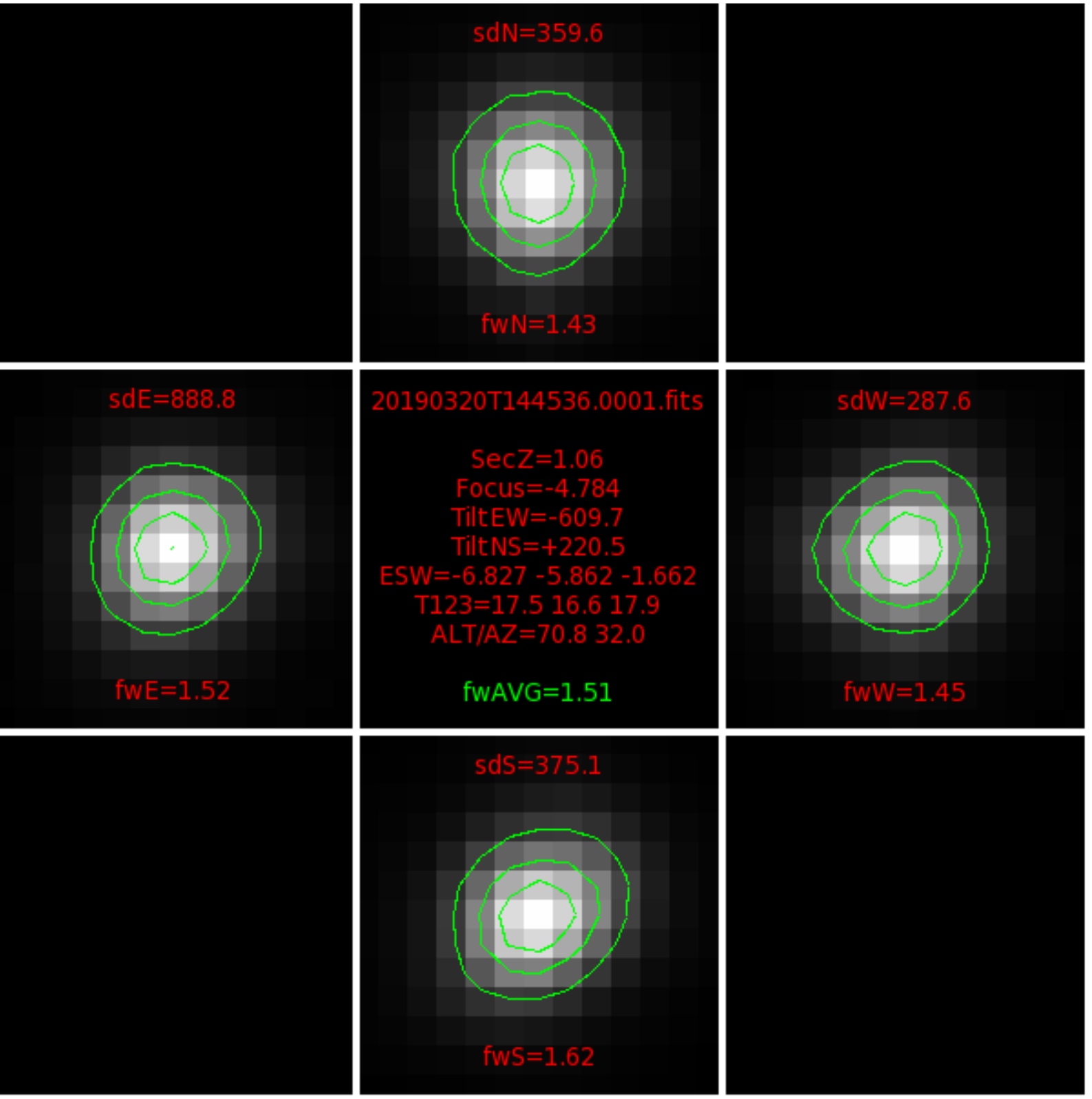
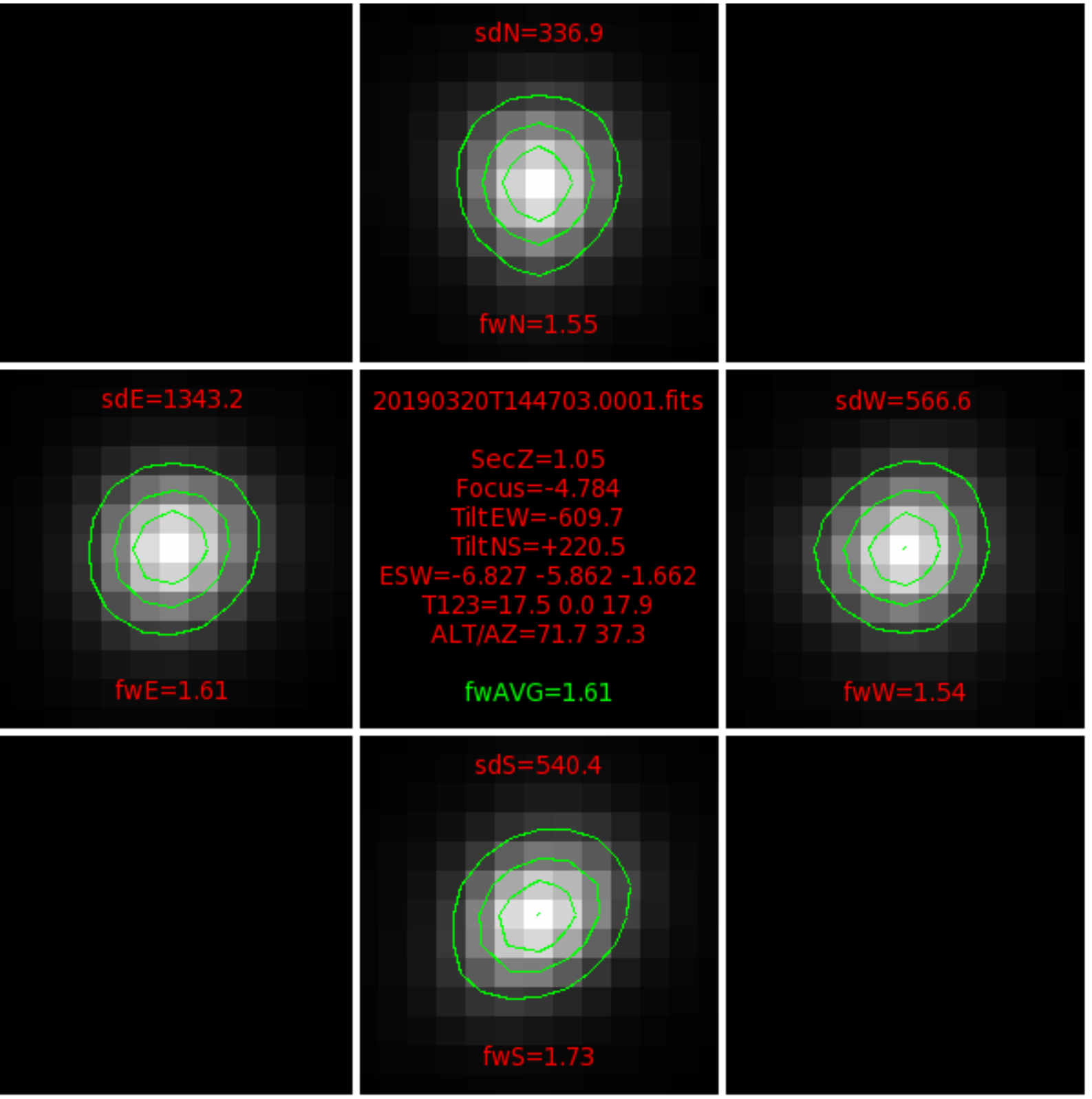

sdN=359.6
fwN=1.43
sdE=888.8
fwE=1.52
20190320T144536.0001.fits
SecZ=1.06
Focus=-4.784
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.827 -5.862 -1.662
T123=17.5 16.6 17.9
ALT/AZ=70.8 32.0
fwAVG=1.51
sdW=287.6
fwW=1.45
sdS=375.1
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=336.9
fwN=1.55
sdE=1343.2
fwE=1.61
20190320T144703.0001.fits
SecZ=1.05
Focus=-4.784
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.827 -5.862 -1.662
T123=17.5 0.0 17.9
ALT/AZ=71.7 37.3
fwAVG=1.61
sdW=566.6
fwW=1.54
sdS=540.4
fwS=1.73
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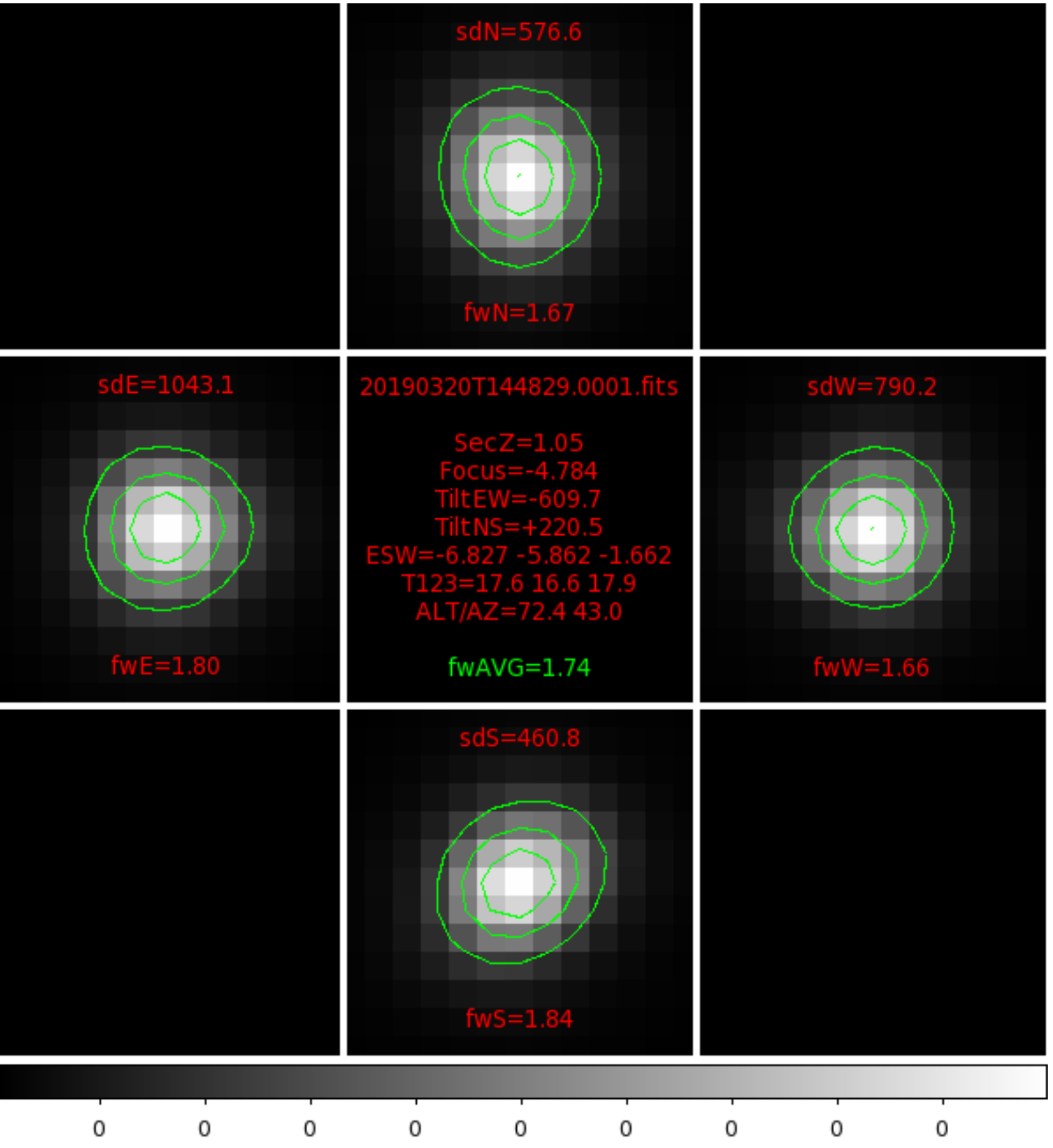
sdN=576.6
fwN=1.67
sdE=1043.1
fwE=1.80
20190320T144829.0001.fits
SecZ=1.05
Focus=-4.784
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.827 -5.862 -1.662
T123=17.6 16.6 17.9
ALT/AZ=72.4 43.0
fwAVG=1.74
sdW=790.2
fwW=1.66
sdS=460.8
fwS=1.84
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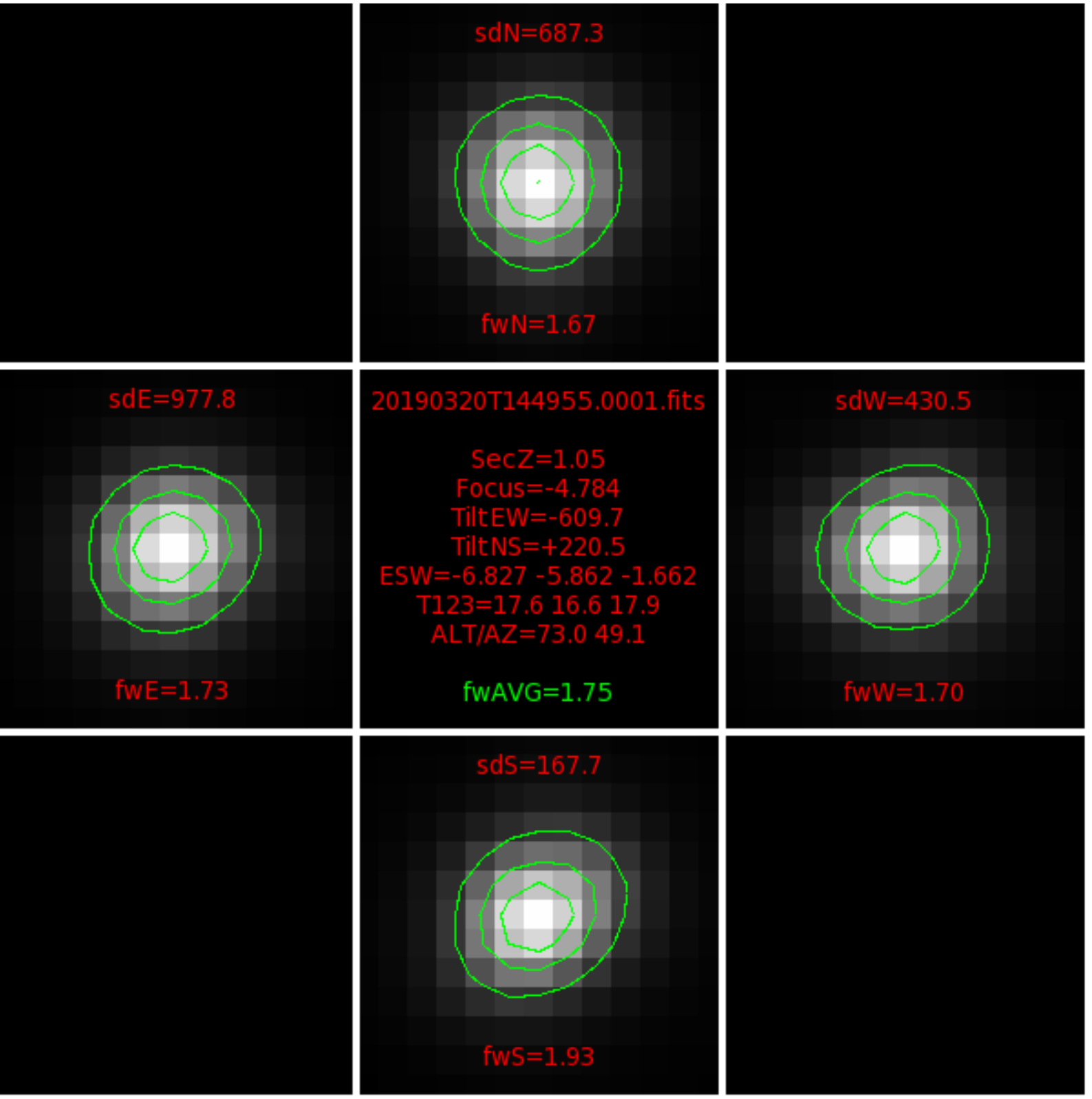
sdN=687.3
fwN=1.67
sdE=977.8
fwE=1.73
20190320T144955.0001.fits
SecZ=1.05
Focus=-4.784
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.827 -5.862 -1.662
T123=17.6 16.6 17.9
ALT/AZ=73.0 49.1
fwAVG=1.75
sdW=430.5
fwW=1.70
sdS=167.7
fwS=1.93
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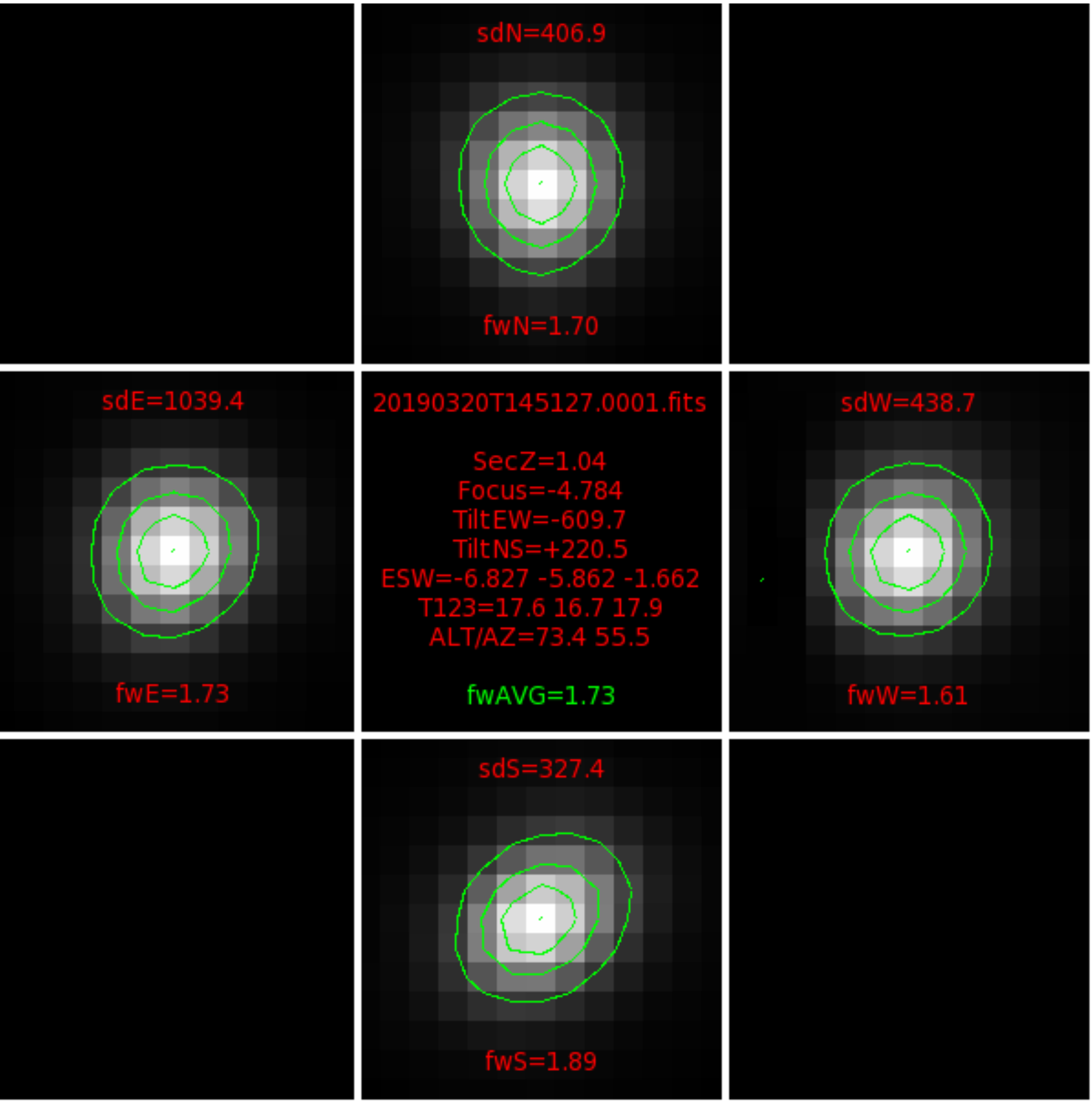
sdN=406.9
fwN=1.70
sdE=1039.4
fwE=1.73
20190320T145127.0001.fits
SecZ=1.04
Focus=-4.784
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.827 -5.862 -1.662
T123=17.6 16.7 17.9
ALT/AZ=73.4 55.5
fwAVG=1.73
sdW=438.7
fwW=1.61
sdS=327.4
fwS=1.89
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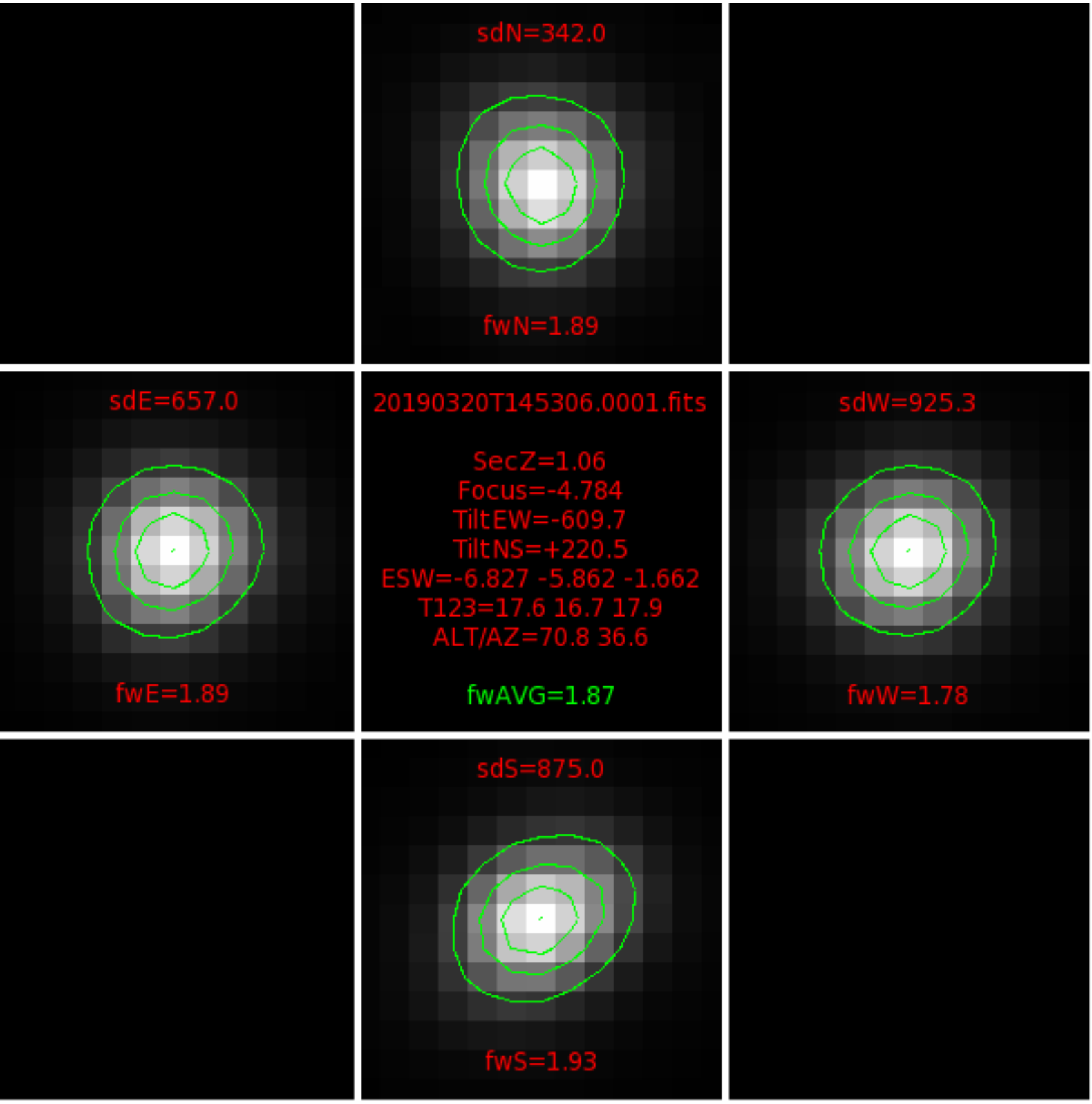
sdN=342.0
fwN=1.89
sdE=657.0
fwE=1.89
20190320T145306.0001.fits
SecZ=1.06
Focus=-4.784
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.827 -5.862 -1.662
T123=17.6 16.7 17.9
ALT/AZ=70.8 36.6
fwAVG=1.87
sdW=925.3
fwW=1.78
sdS=875.0
fwS=1.93
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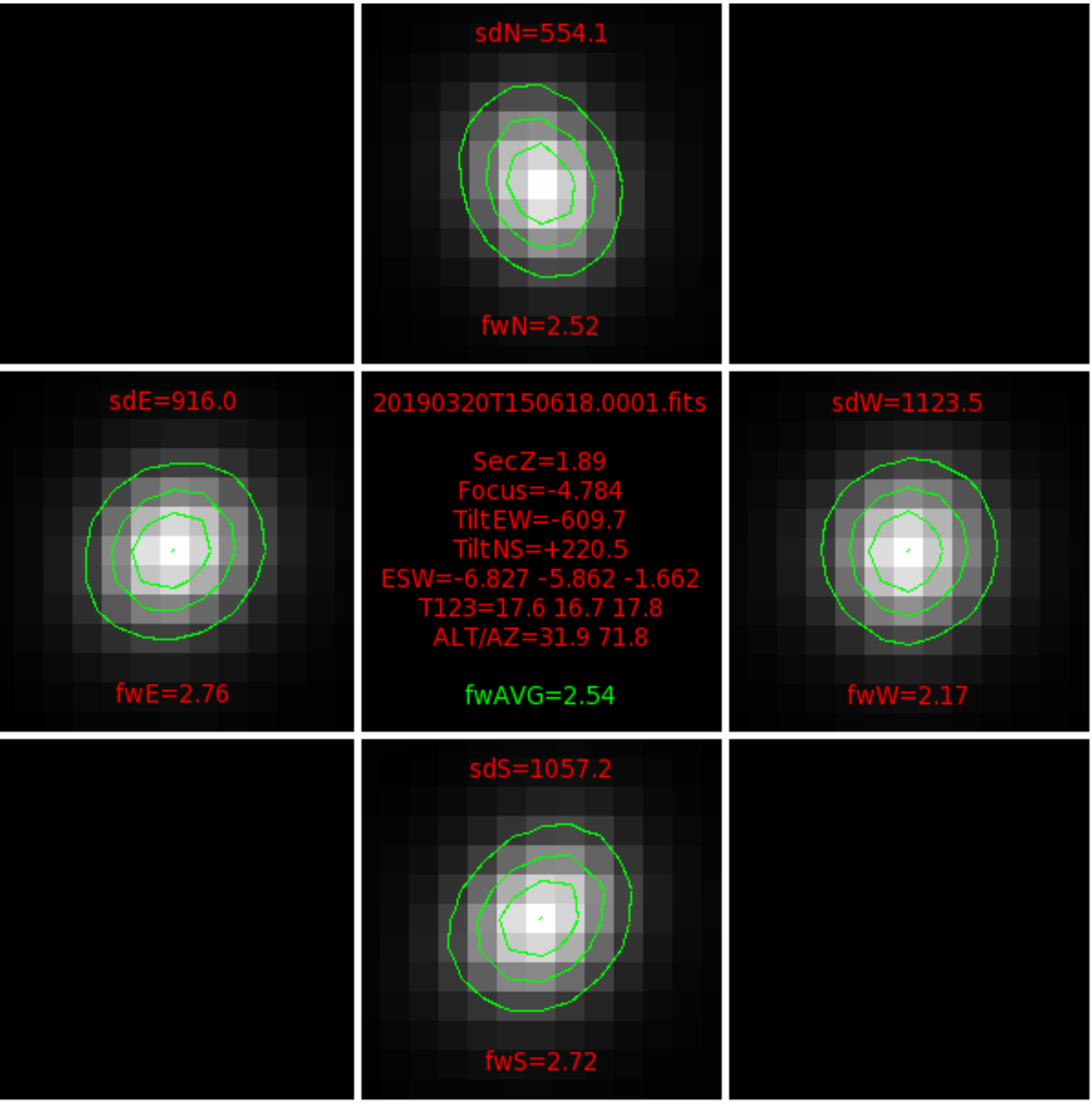
sdN=554.1
fwN=2.52
sdE=916.0
fwE=2.76
20190320T150618.0001.fits
SecZ=1.89
Focus=-4.784
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.827 -5.862 -1.662
T123=17.6 16.7 17.8
ALT/AZ=31.9 71.8
fwAVG=2.54
sdW=1123.5
fwW=2.17
sdS=1057.2
fwS=2.72
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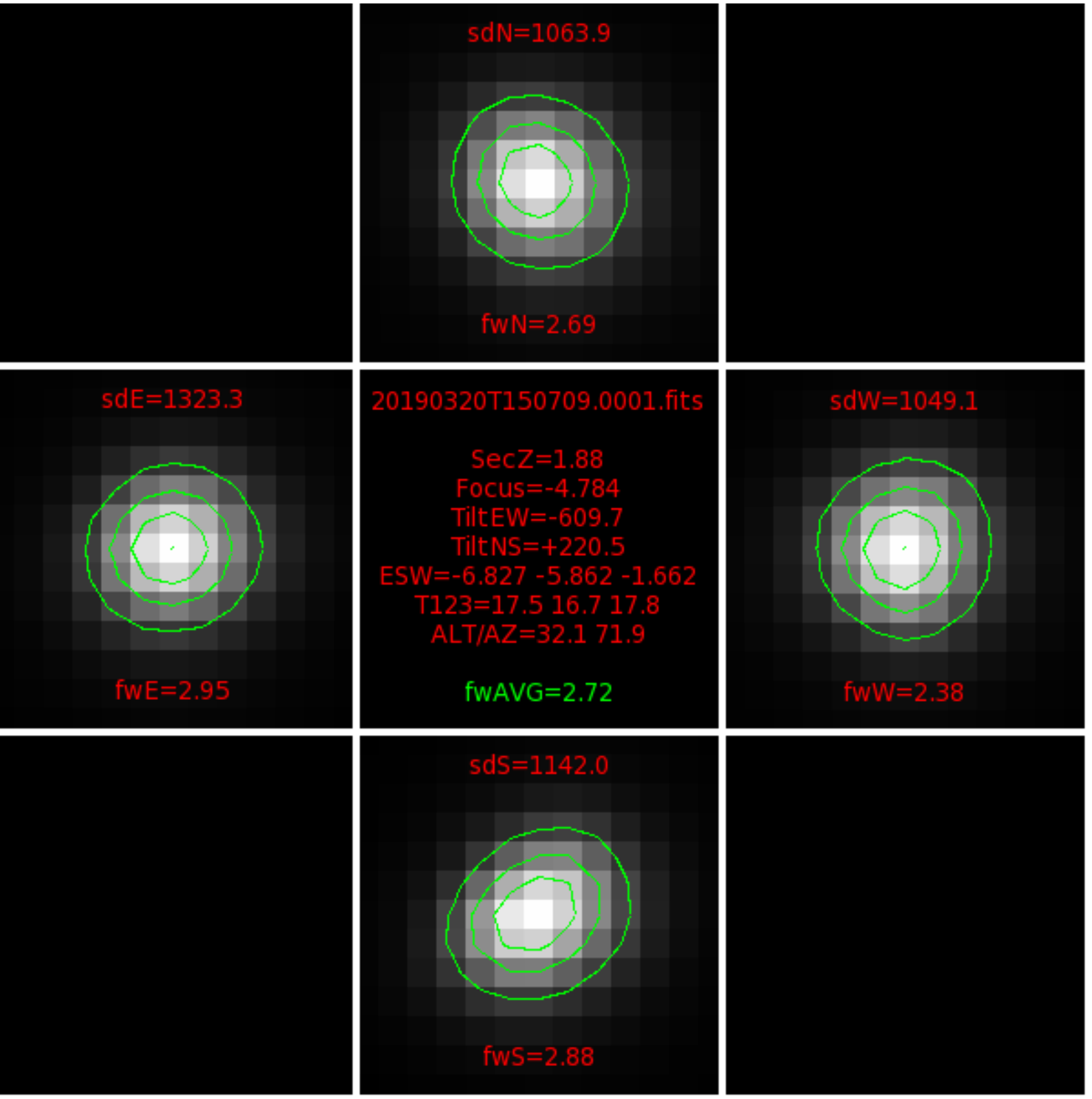
sdN=1063.9
fwN=2.69
sdE=1323.3
fwE=2.95
20190320T150709.0001.fits
SecZ=1.88
Focus=-4.784
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.827 -5.862 -1.662
T123=17.5 16.7 17.8
ALT/AZ=32.1 71.9
fwAVG=2.72
sdW=1049.1
fwW=2.38
sdS=1142.0
fwS=2.88
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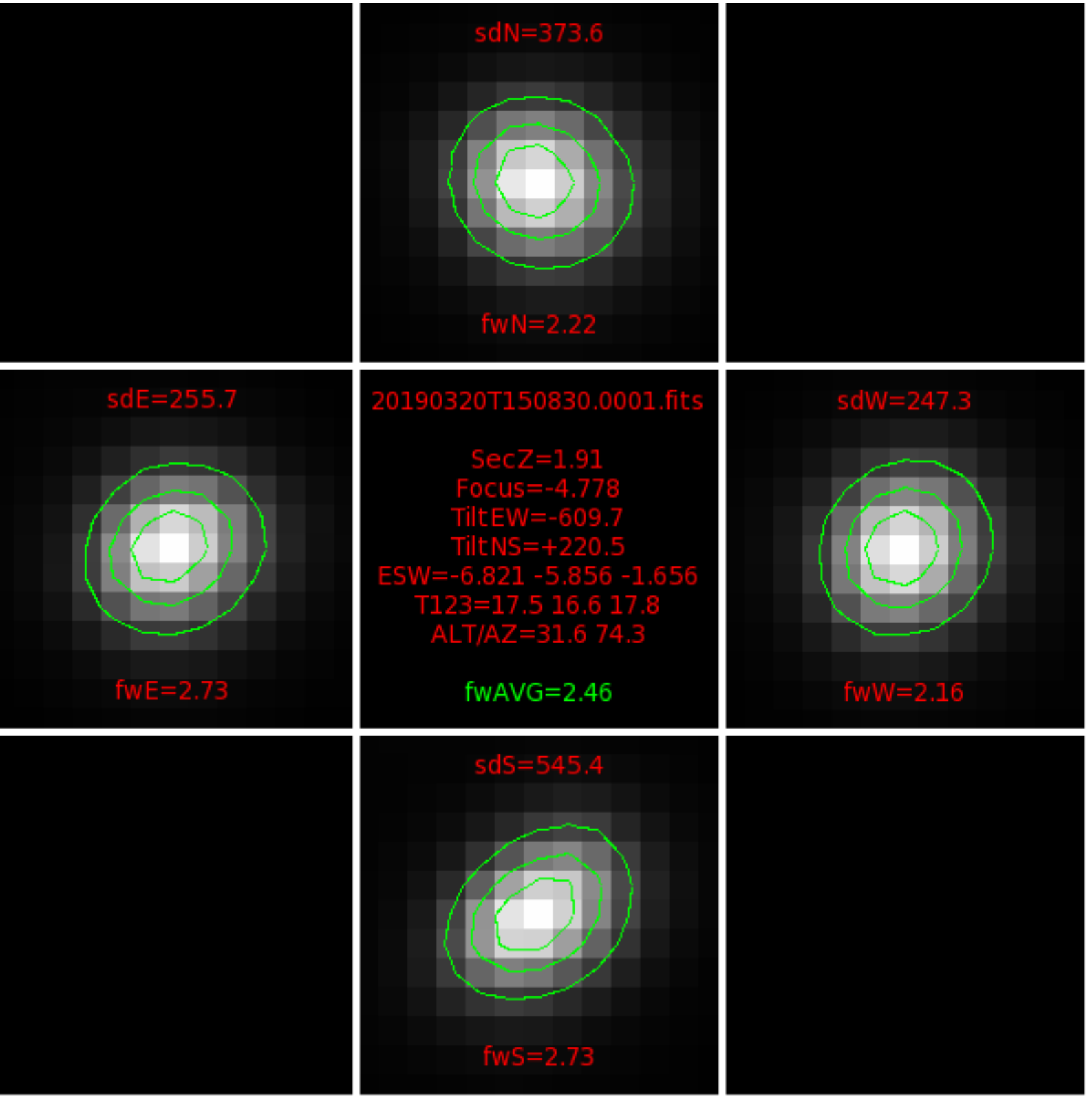
sdN=373.6
fwN=2.22
sdE=255.7
fwE=2.73
20190320T150830.0001.fits
SecZ=1.91
Focus=-4.778
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.821 -5.856 -1.656
T123=17.5 16.6 17.8
ALT/AZ=31.6 74.3
fwAVG=2.46
sdW=247.3
fwW=2.16
sdS=545.4
fwS=2.73
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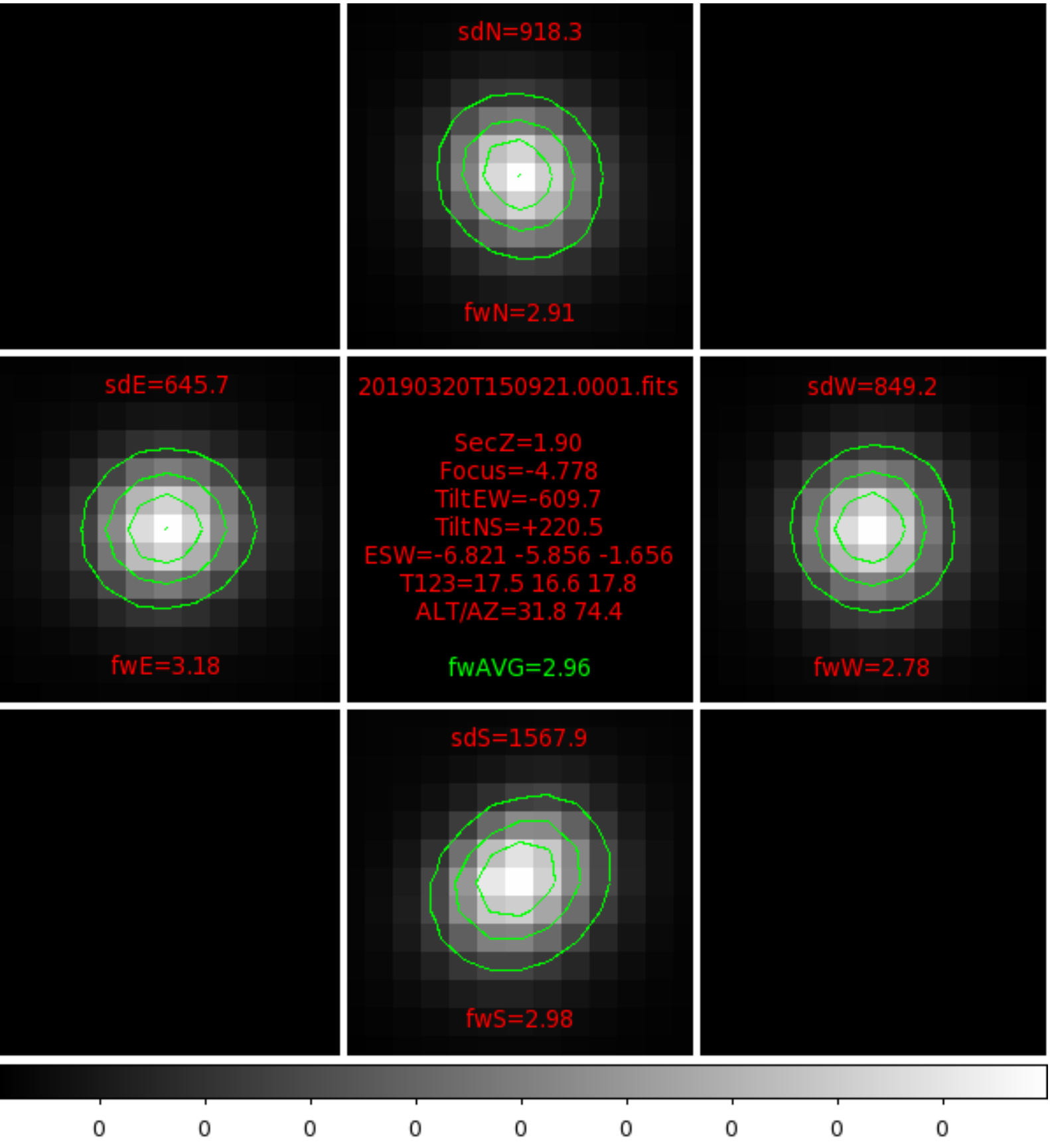
sdN=918.3
fwN=2.91
sdE=645.7
fwE=3.18
20190320T150921.0001.fits
SecZ=1.90
Focus=-4.778
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.821 -5.856 -1.656
T123=17.5 16.6 17.8
ALT/AZ=31.8 74.4
fwAVG=2.96
sdW=849.2
fwW=2.78
sdS=1567.9
fwS=2.98
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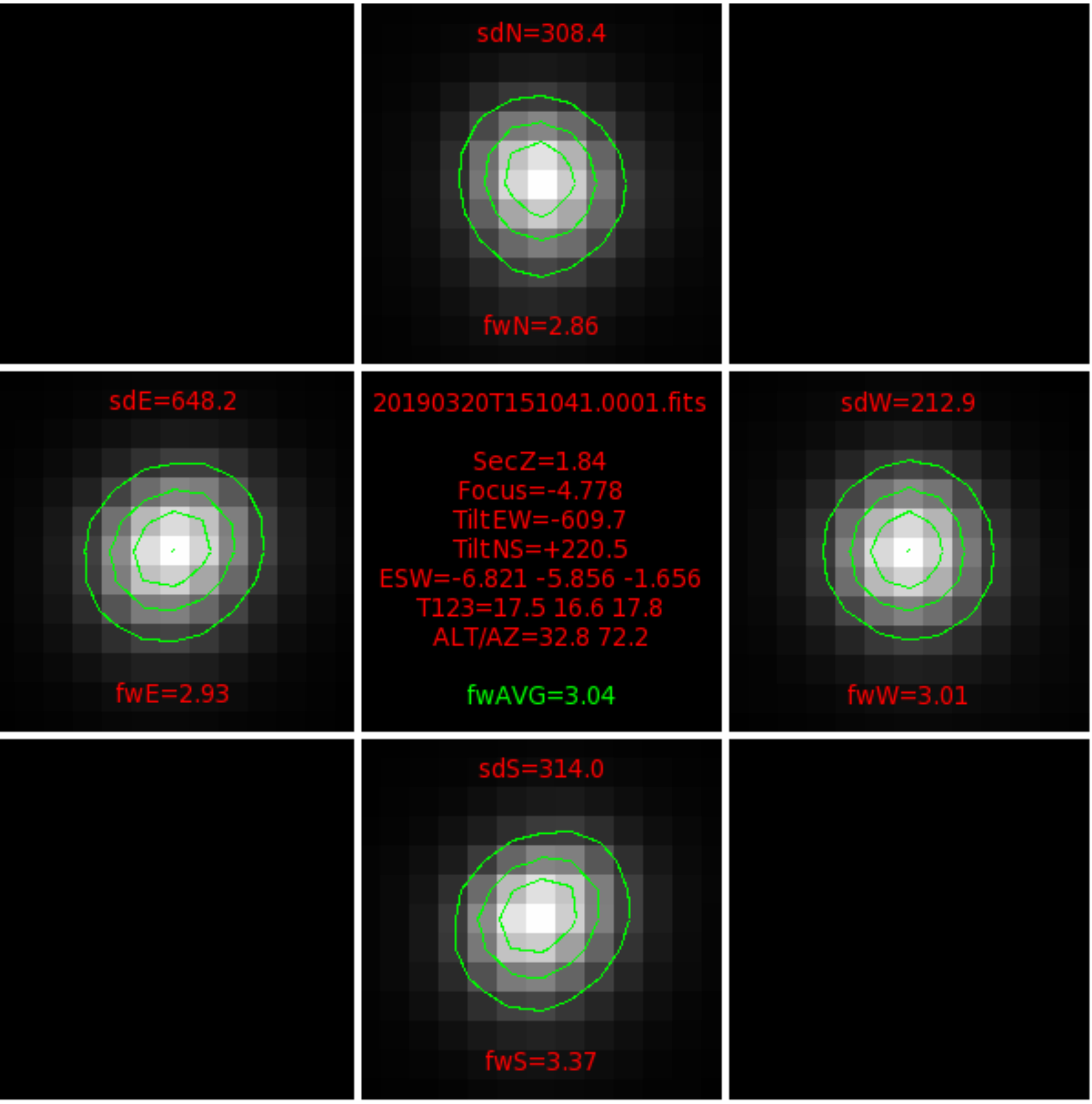
sdN=308.4
fwN=2.86
sdE=648.2
fwE=2.93
20190320T151041.0001.fits
SecZ=1.84
Focus=-4.778
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.821 -5.856 -1.656
T123=17.5 16.6 17.8
ALT/AZ=32.8 72.2
fwAVG=3.04
sdW=212.9
fwW=3.01
sdS=314.0
fwS=3.37
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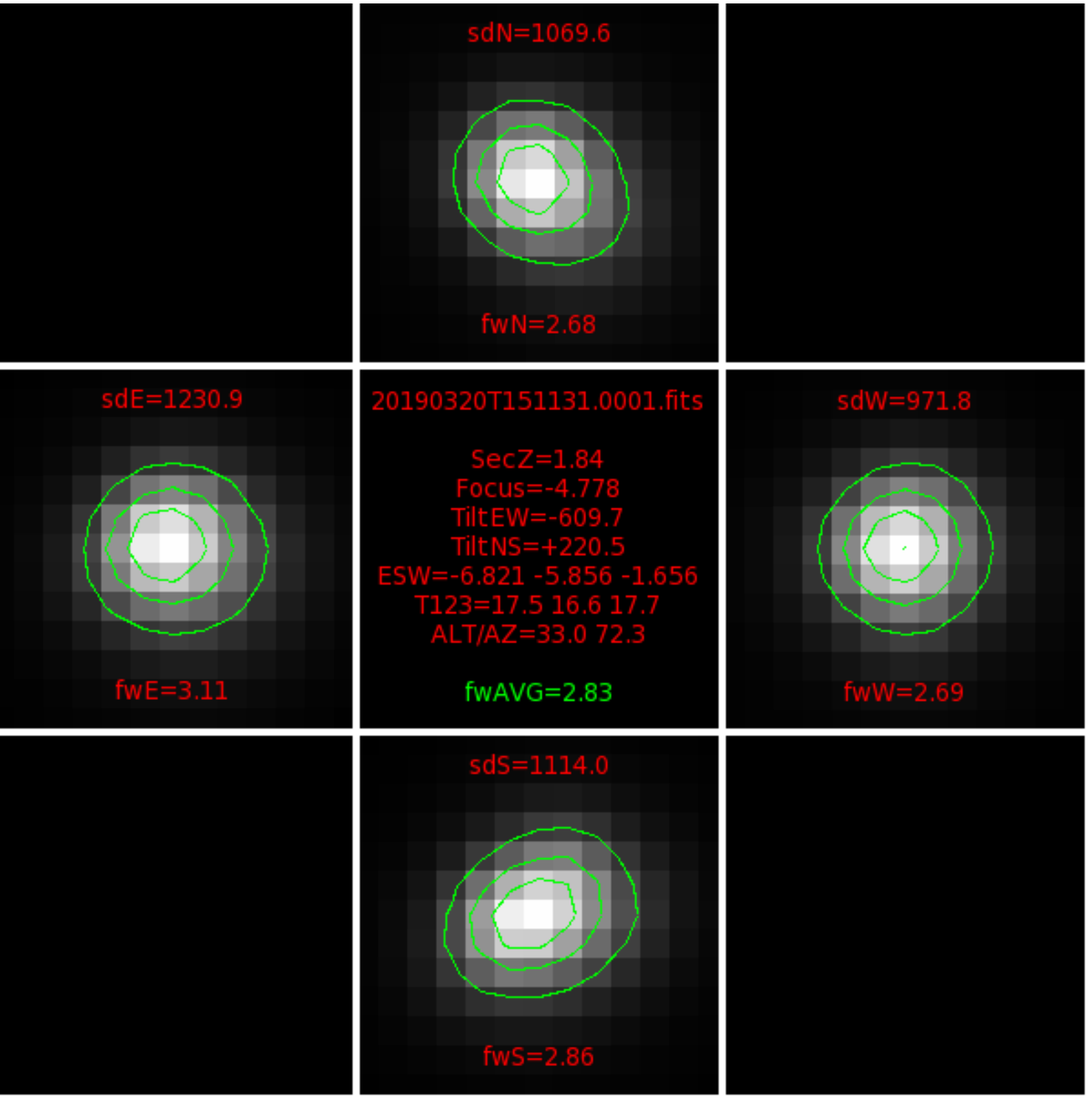
sdN=1069.6
fwN=2.68
sdE=1230.9
fwE=3.11
20190320T151131.0001.fits
SecZ=1.84
Focus=-4.778
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.821 -5.856 -1.656
T123=17.5 16.6 17.7
ALT/AZ=33.0 72.3
fwAVG=2.83
sdW=971.8
fwW=2.69
sdS=1114.0
fwS=2.86
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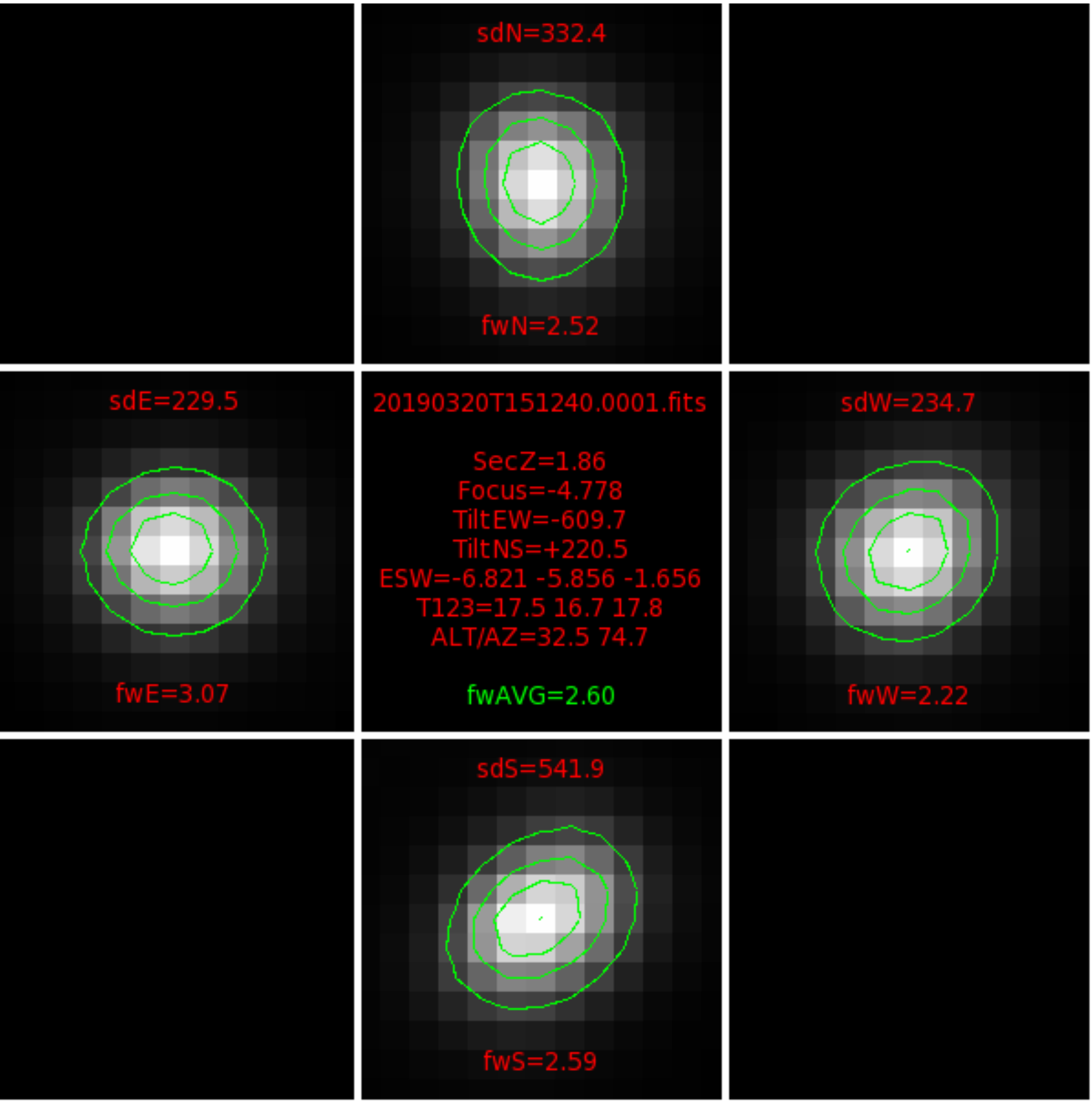
sdN=332.4
fwN=2.52
sdE=229.5
fwE=3.07
20190320T151240.0001.fits
SecZ=1.86
Focus=-4.778
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.821 -5.856 -1.656
T123=17.5 16.7 17.8
ALT/AZ=32.5 74.7
fwAVG=2.60
sdW=234.7
fwW=2.22
sdS=541.9
fwS=2.59
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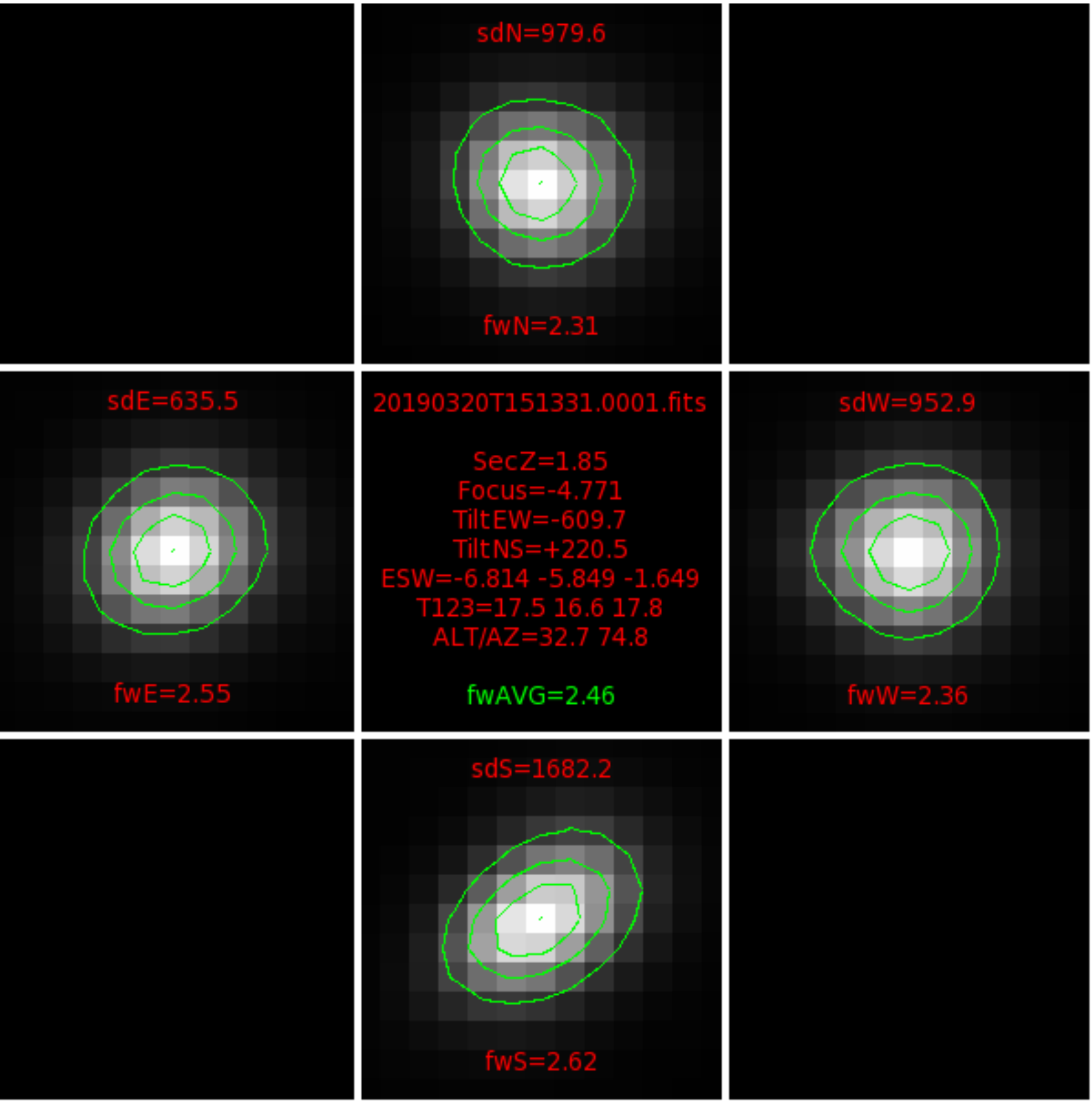
sdN=979.6
fwN=2.31
sdE=635.5
fwE=2.55
20190320T151331.0001.fits
SecZ=1.85
Focus=-4.771
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.814 -5.849 -1.649
T123=17.5 16.6 17.8
ALT/AZ=32.7 74.8
fwAVG=2.46
sdW=952.9
fwW=2.36
sdS=1682.2
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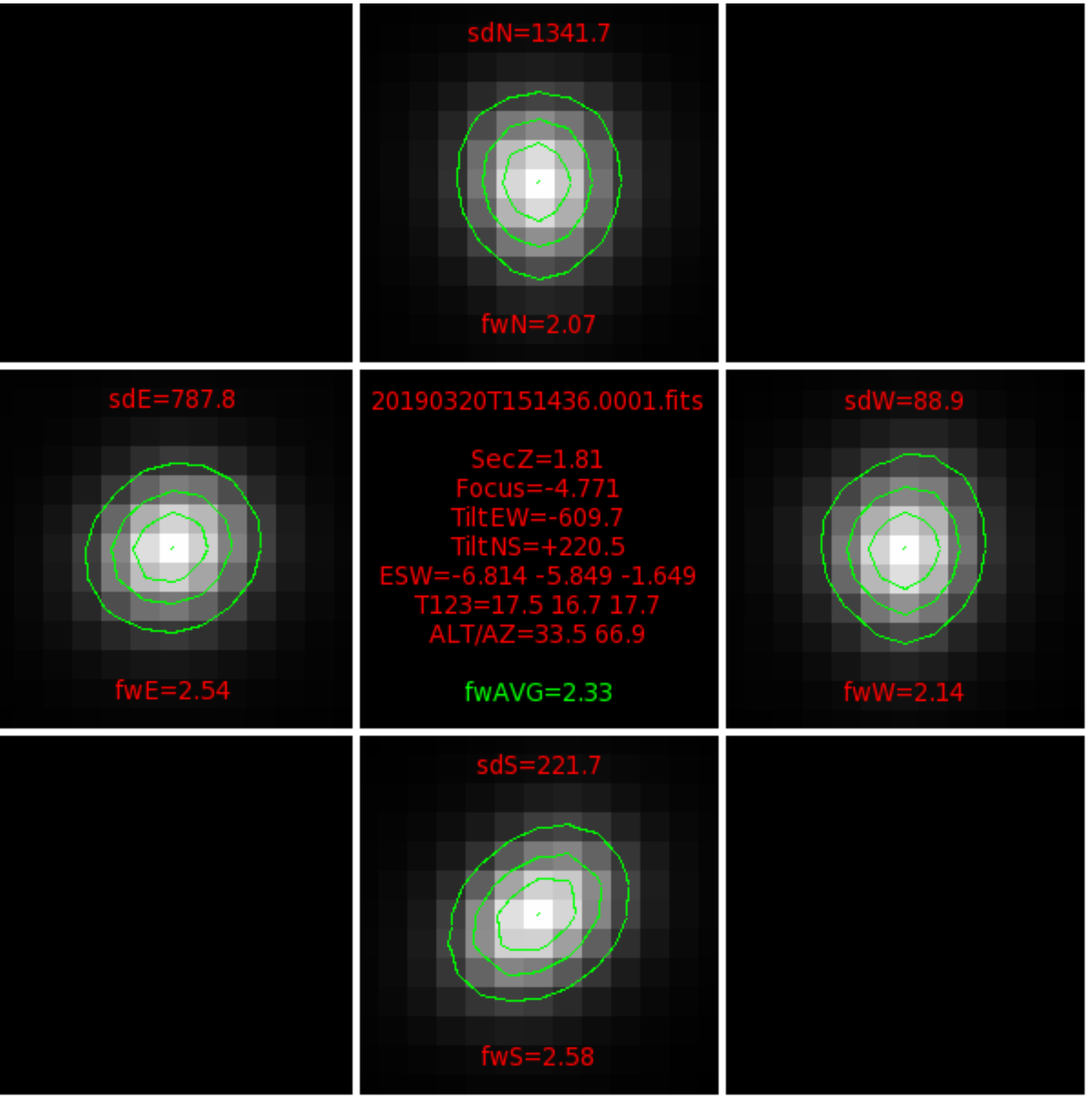
sdN=1341.7
fwN=2.07
sdE=787.8
fwE=2.54
20190320T151436.0001.fits
SecZ=1.81
Focus=-4.771
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.814 -5.849 -1.649
T123=17.5 16.7 17.7
ALT/AZ=33.5 66.9
fwAVG=2.33
sdW=88.9
fwW=2.14
sdS=221.7
fwS=2.58
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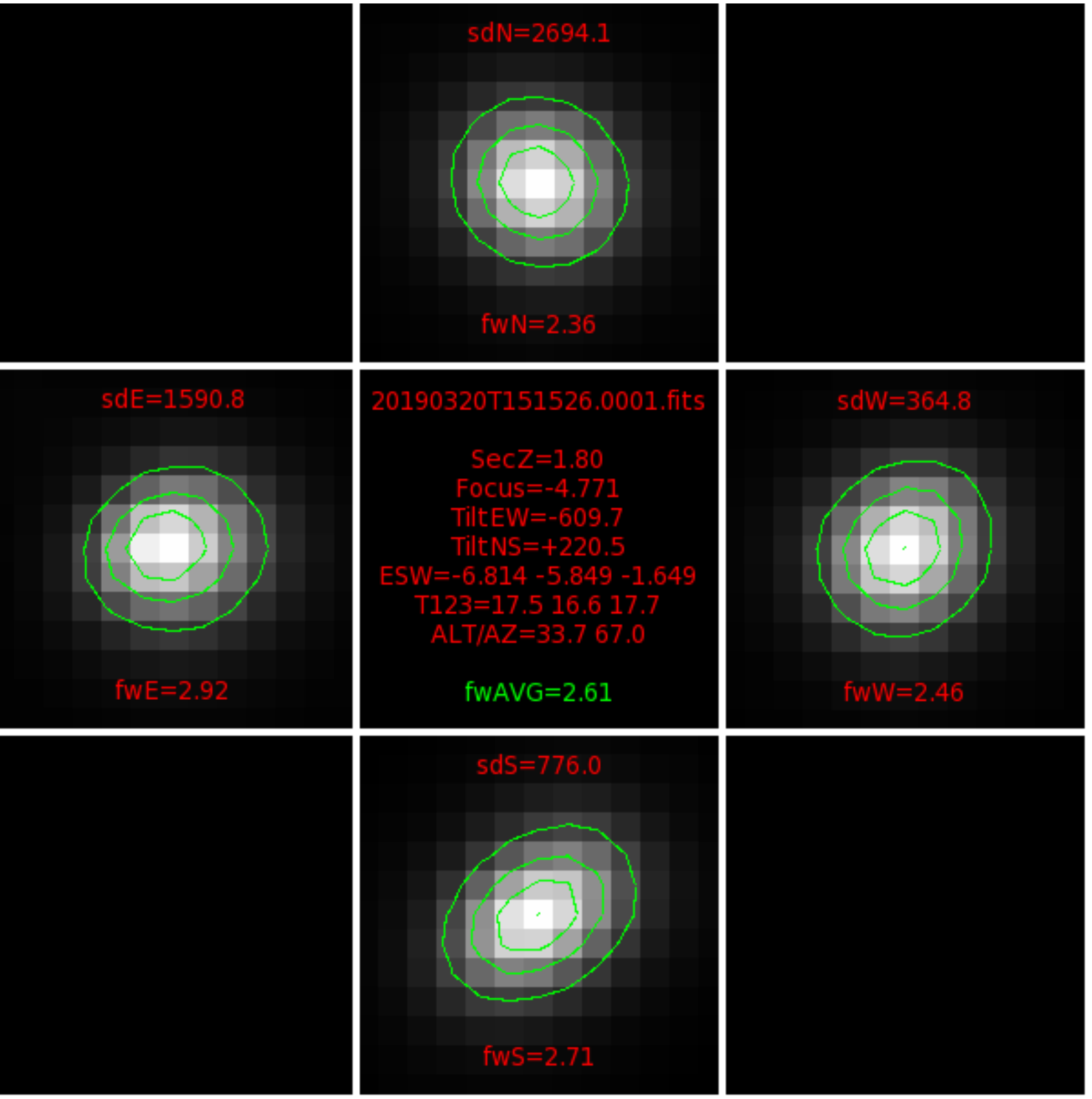
sdN=2694.1
fwN=2.36
sdE=1590.8
fwE=2.92
20190320T151526.0001.fits
SecZ=1.80
Focus=-4.771
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.814 -5.849 -1.649
T123=17.5 16.6 17.7
ALT/AZ=33.7 67.0
fwAVG=2.61
sdW=364.8
fwW=2.46
sdS=776.0
fwS=2.71
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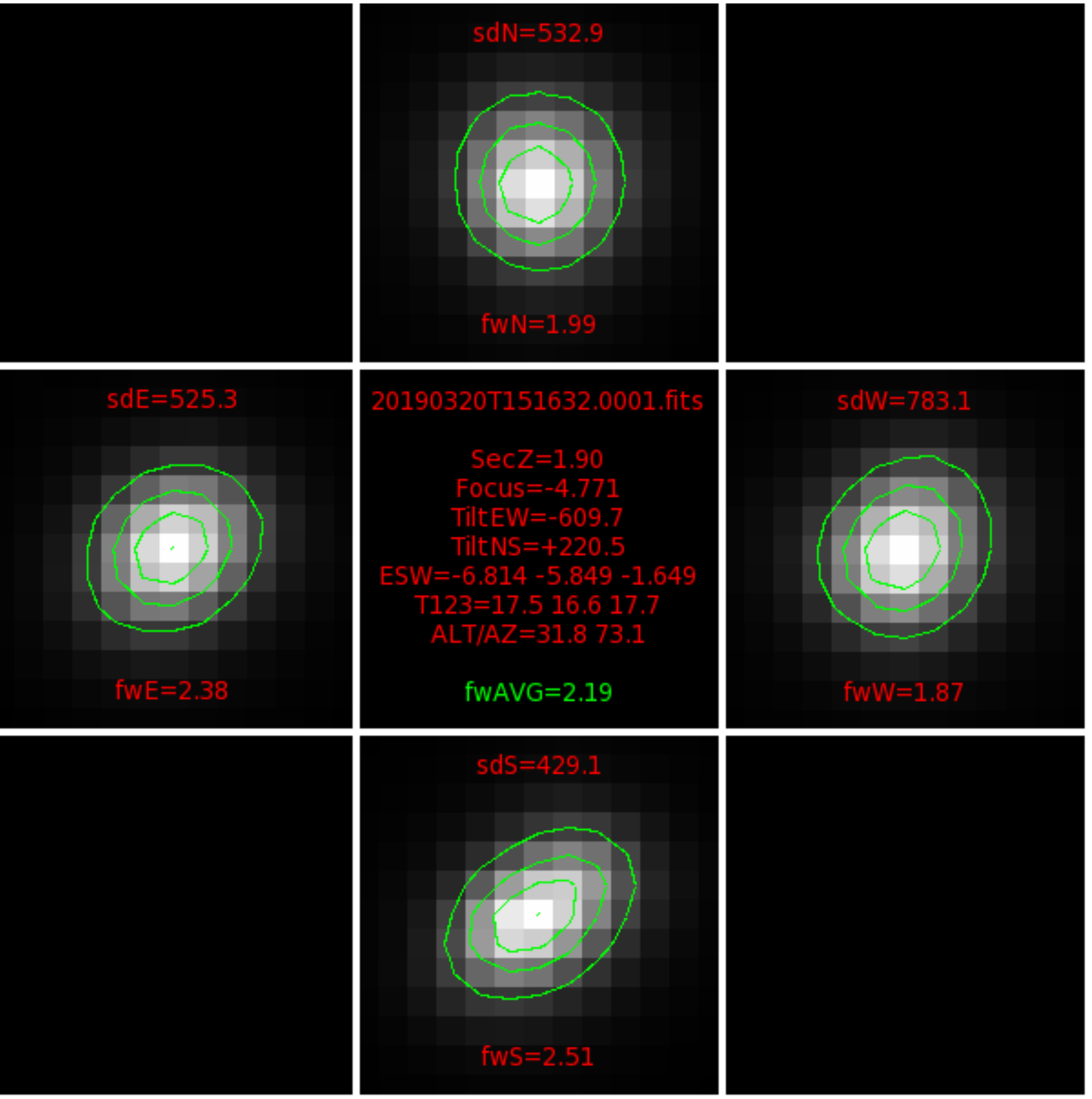
sdN=532.9
fwN=1.99
sdE=525.3
fwE=2.38
20190320T151632.0001.fits
SecZ=1.90
Focus=-4.771
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.814 -5.849 -1.649
T123=17.5 16.6 17.7
ALT/AZ=31.8 73.1
fwAVG=2.19
sdW=783.1
fwW=1.87
sdS=429.1
fwS=2.51
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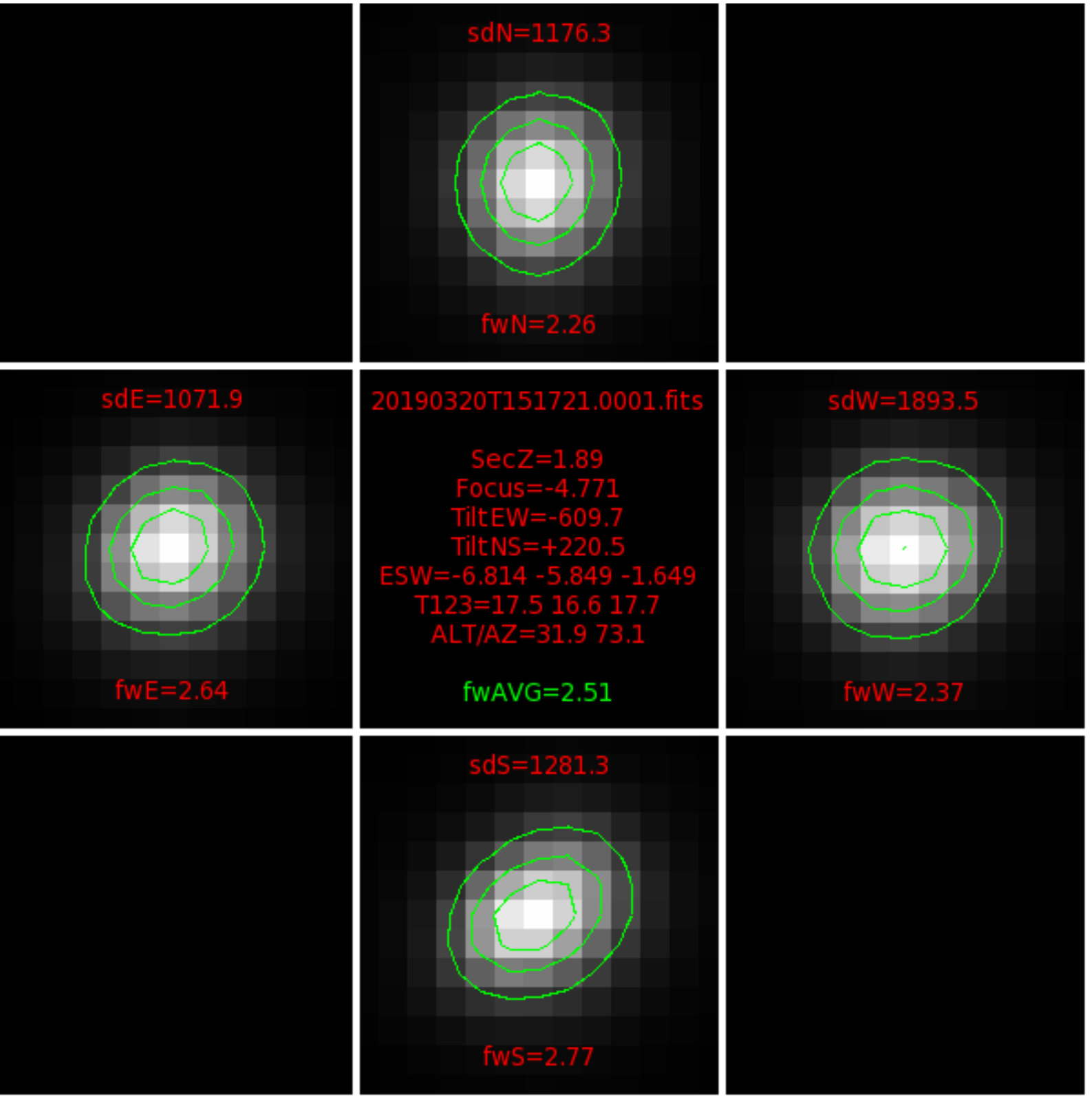
sdN=1176.3
fwN=2.26
sdE=1071.9
fwE=2.64
20190320T151721.0001.fits
SecZ=1.89
Focus=-4.771
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.814 -5.849 -1.649
T123=17.5 16.6 17.7
ALT/AZ=31.9 73.1
fwAVG=2.51
sdW=1893.5
fwW=2.37
sdS=1281.3
fwS=2.77
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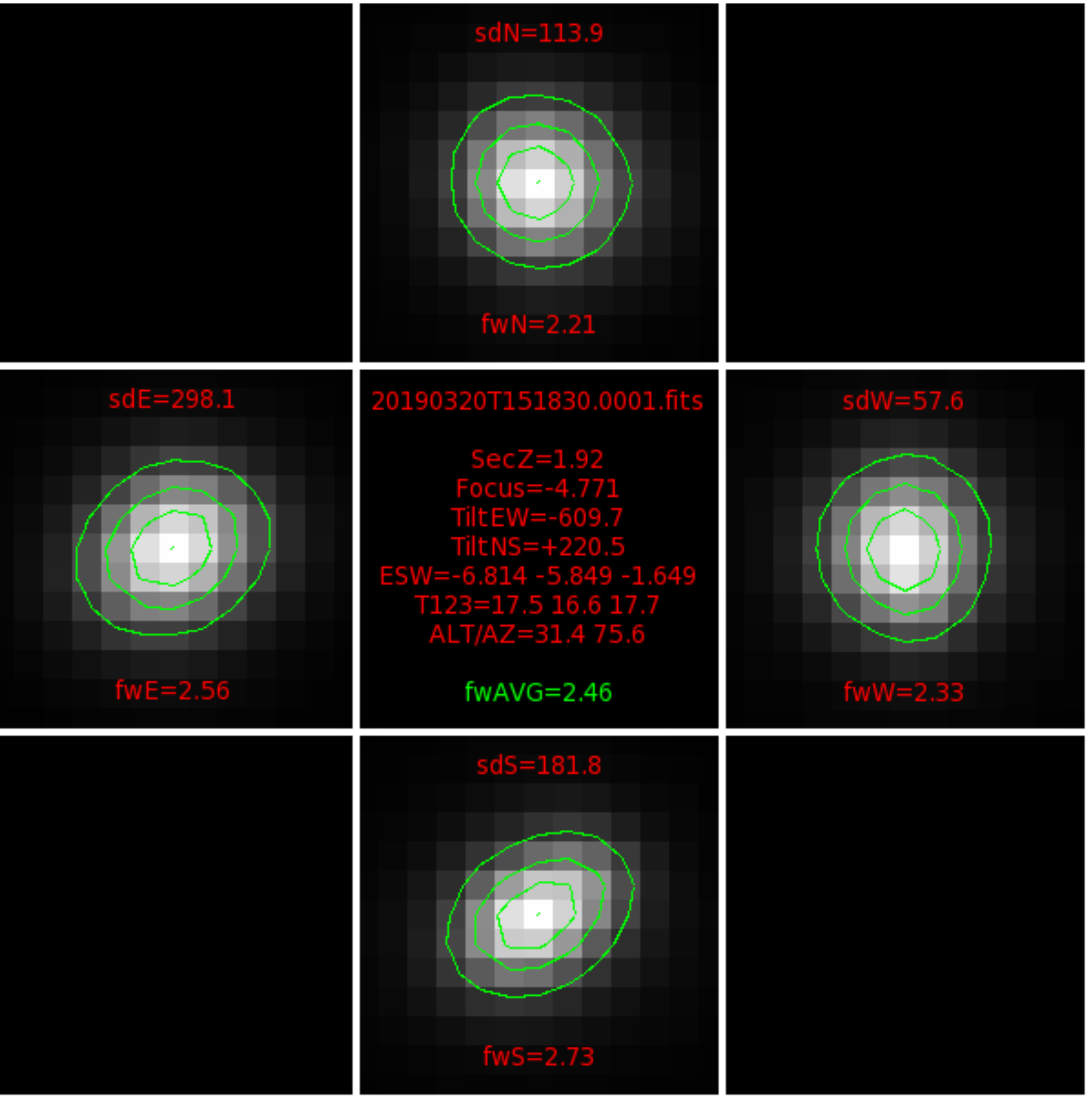
sdN=113.9
fwN=2.21
sdE=298.1
fwE=2.56
20190320T151830.0001.fits
SecZ=1.92
Focus=-4.771
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.814 -5.849 -1.649
T123=17.5 16.6 17.7
ALT/AZ=31.4 75.6
fwAVG=2.46
sdW=57.6
fwW=2.33
sdS=181.8
fwS=2.73
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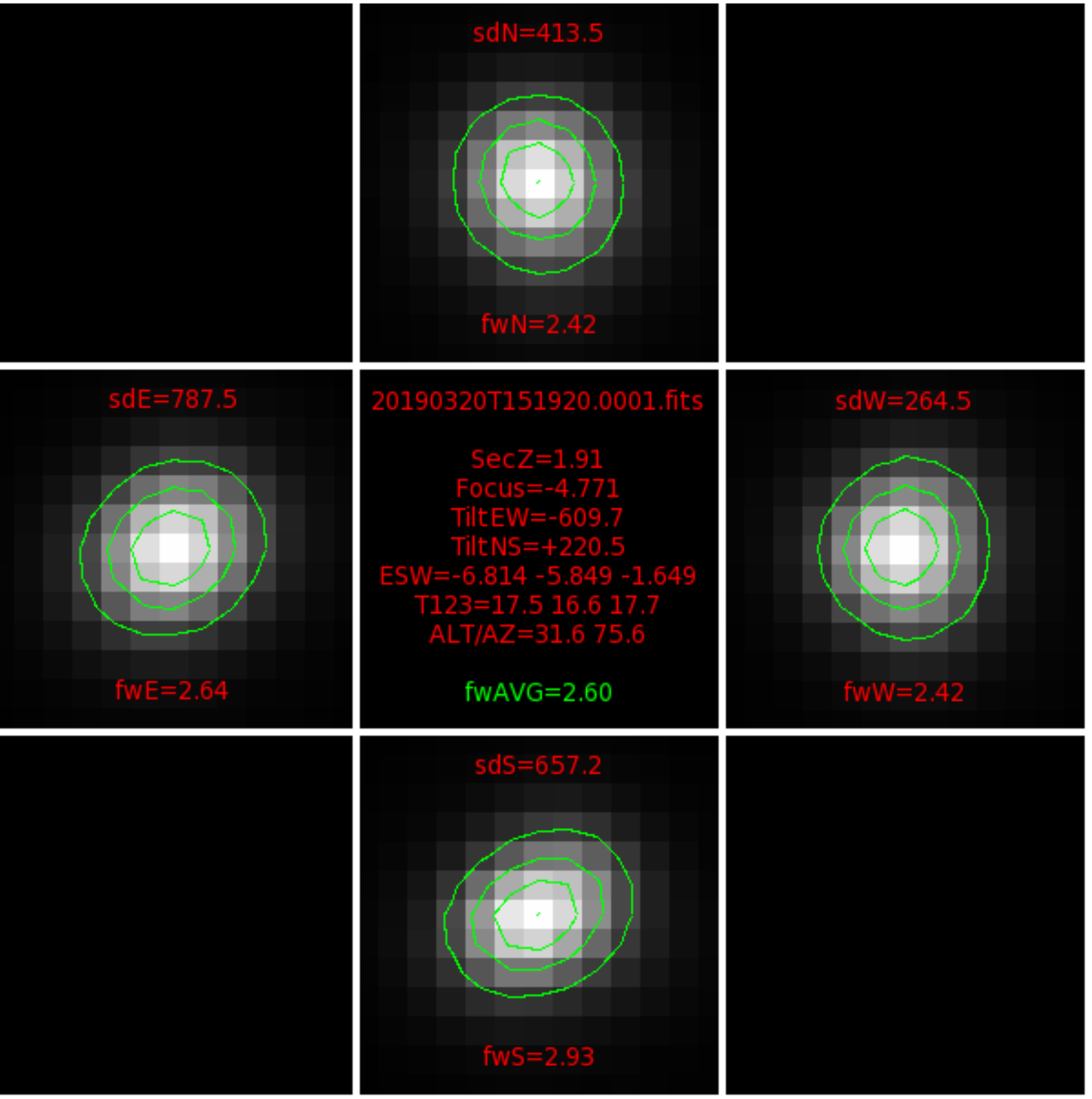
sdN=413.5
fwN=2.42
sdE=787.5
fwE=2.64
20190320T151920.0001.fits
SecZ=1.91
Focus=-4.771
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.814 -5.849 -1.649
T123=17.5 16.6 17.7
ALT/AZ=31.6 75.6
fwAVG=2.60
sdW=264.5
fwW=2.42
sdS=657.2
fwS=2.93
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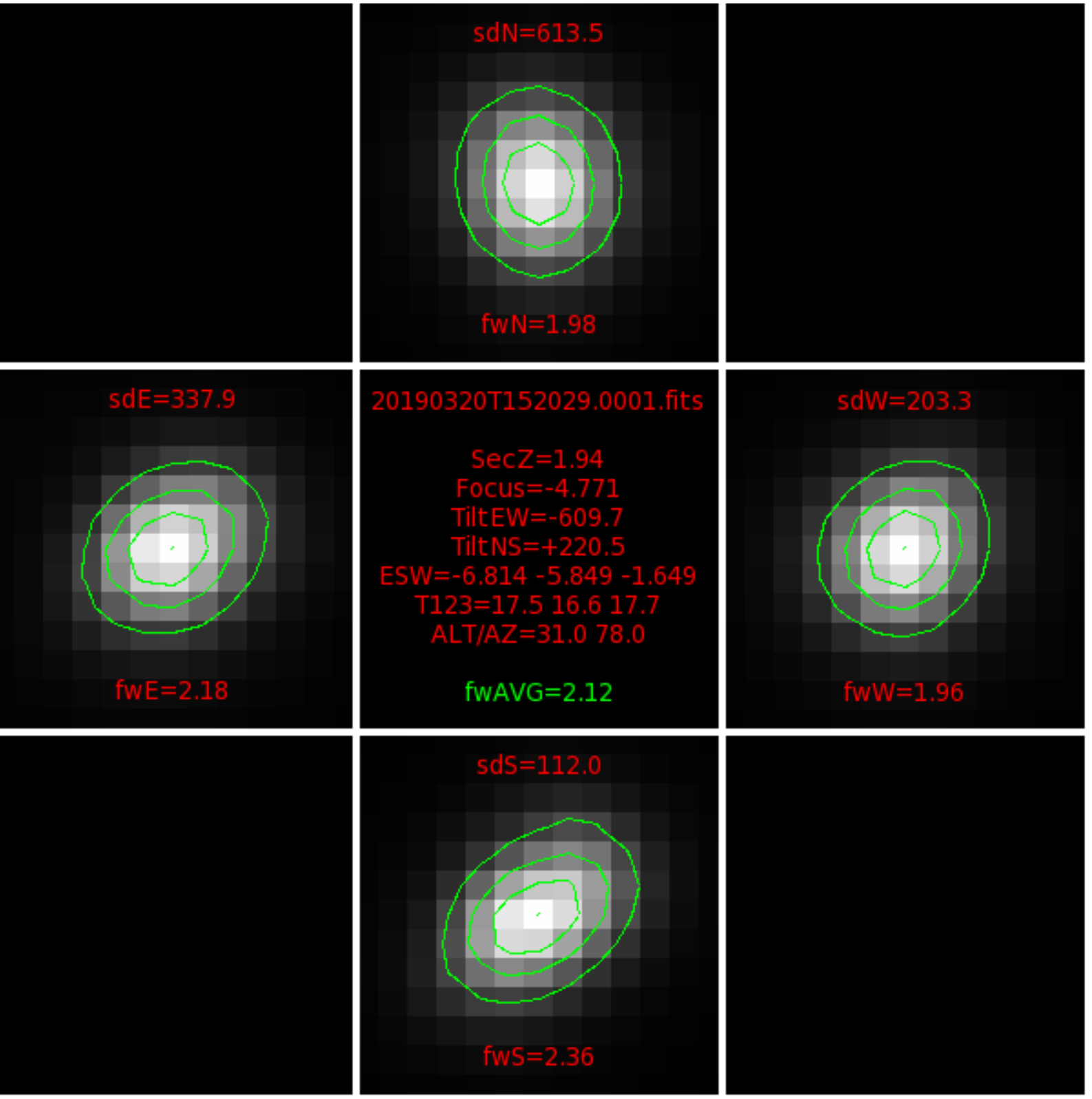
sdN=613.5
fwN=1.98
sdE=337.9
fwE=2.18
20190320T152029.0001.fits
SecZ=1.94
Focus=-4.771
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.814 -5.849 -1.649
T123=17.5 16.6 17.7
ALT/AZ=31.0 78.0
fwAVG=2.12
sdW=203.3
fwW=1.96
sdS=112.0
fwS=2.36
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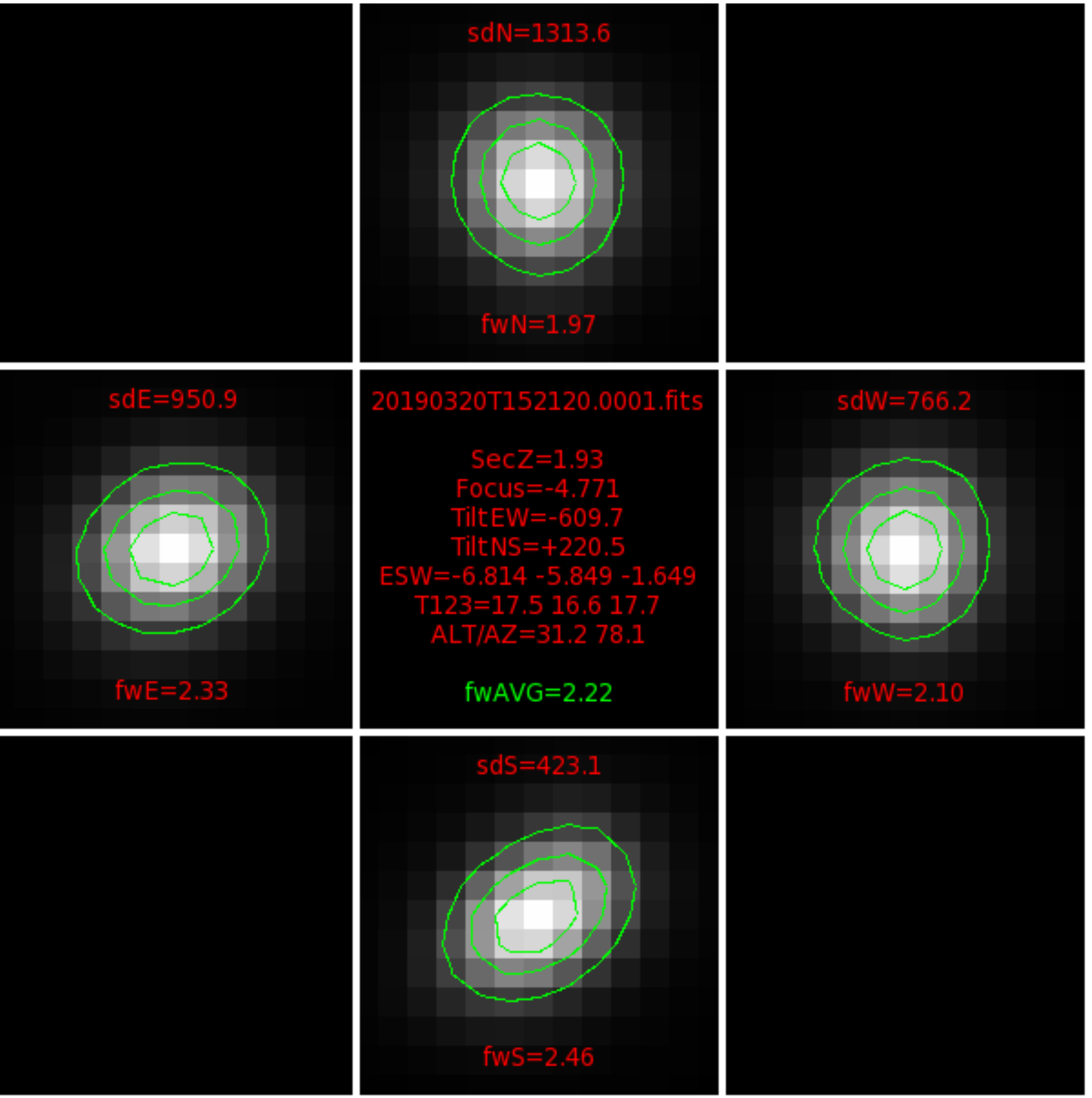
sdN=1313.6
fwN=1.97
sdE=950.9
fwE=2.33
20190320T152120.0001.fits
SecZ=1.93
Focus=-4.771
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.814 -5.849 -1.649
T123=17.5 16.6 17.7
ALT/AZ=31.2 78.1
fwAVG=2.22
sdW=766.2
fwW=2.10
sdS=423.1
fwS=2.46
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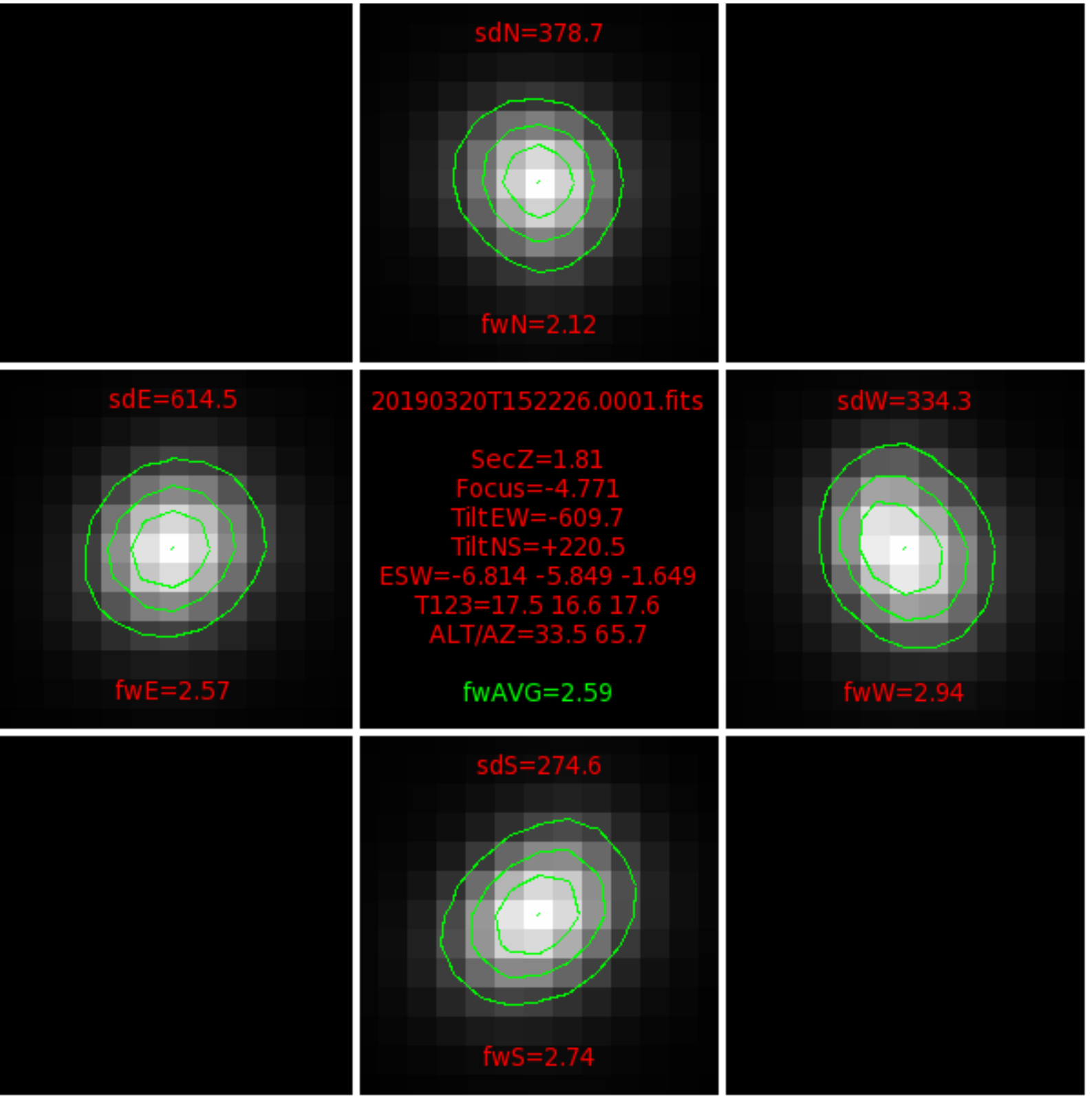
sdN=378.7
fwN=2.12
sdE=614.5
fwE=2.57
20190320T152226.0001.fits
SecZ=1.81
Focus=-4.771
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.814 -5.849 -1.649
T123=17.5 16.6 17.6
ALT/AZ=33.5 65.7
fwAVG=2.59
sdW=334.3
fwW=2.94
sdS=274.6
fwS=2.74
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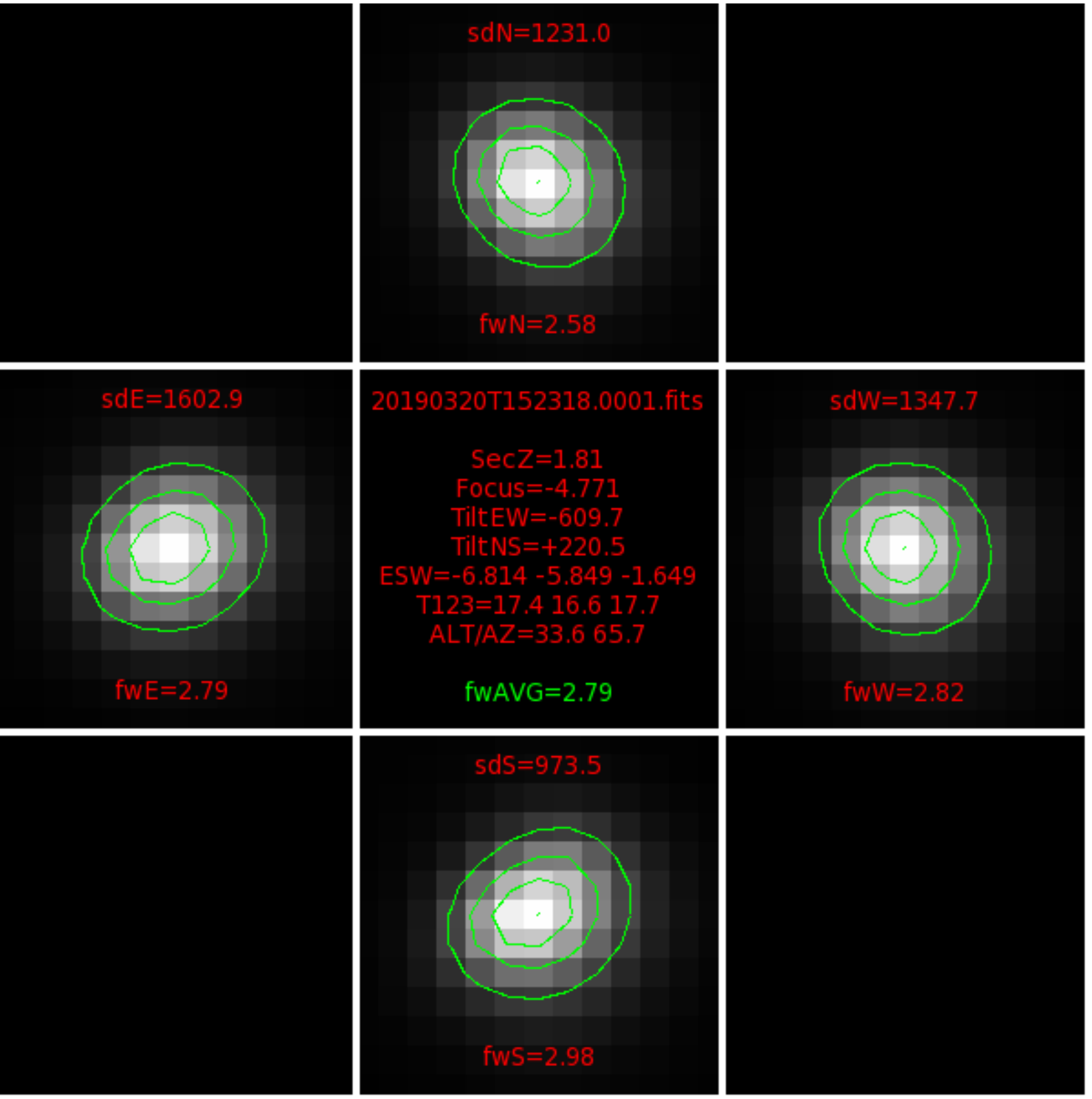
sdN=1231.0
fwN=2.58
sdE=1602.9
fwE=2.79
20190320T152318.0001.fits
SecZ=1.81
Focus=-4.771
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.814 -5.849 -1.649
T123=17.4 16.6 17.7
ALT/AZ=33.6 65.7
fwAVG=2.79
sdW=1347.7
fwW=2.82
sdS=973.5
fwS=2.98
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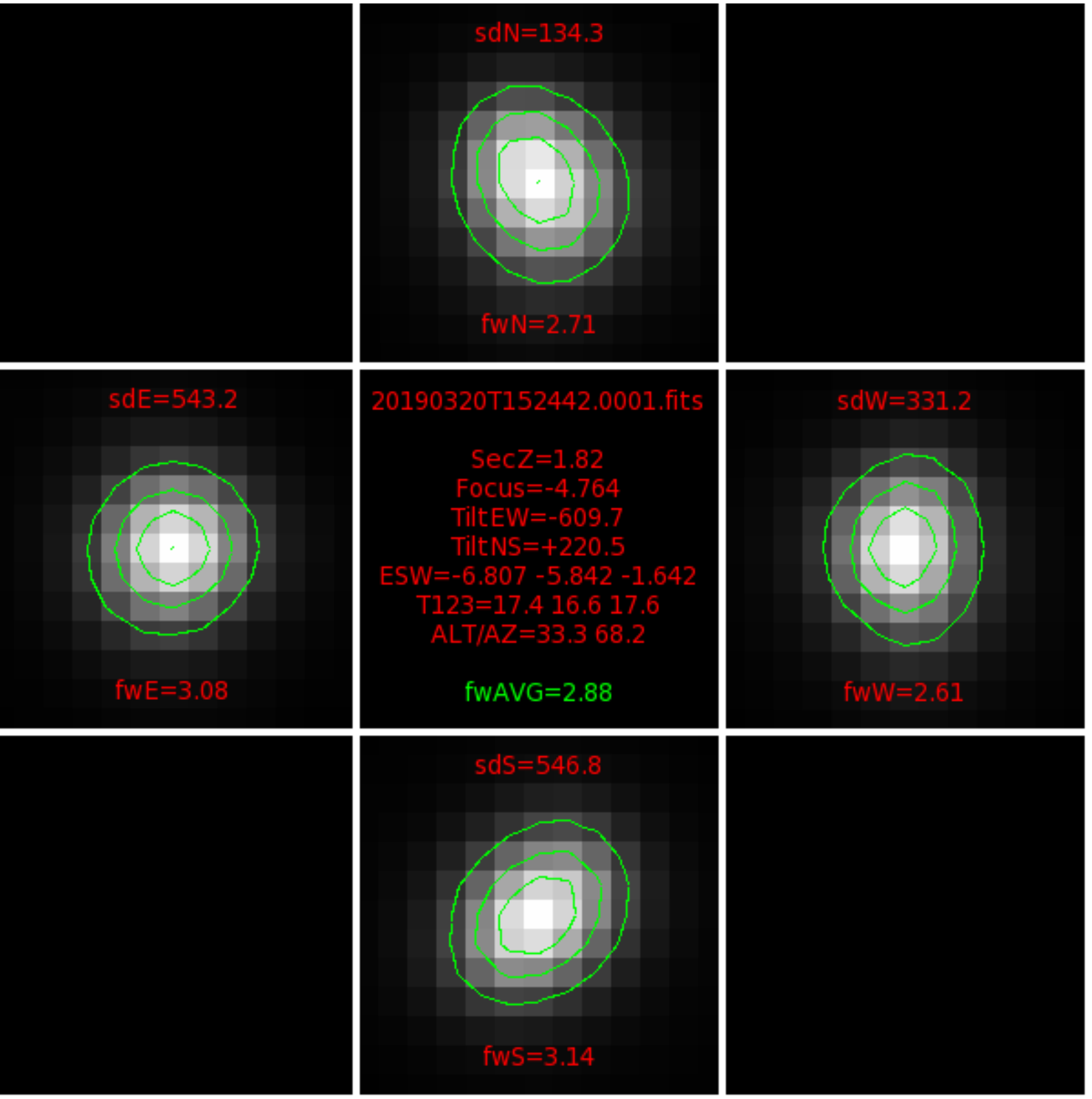
sdN=134.3
fwN=2.71
sdE=543.2
fwE=3.08
20190320T152442.0001.fits
SecZ=1.82
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.4 16.6 17.6
ALT/AZ=33.3 68.2
fwAVG=2.88
sdW=331.2
fwW=2.61
sdS=546.8
fwS=3.14
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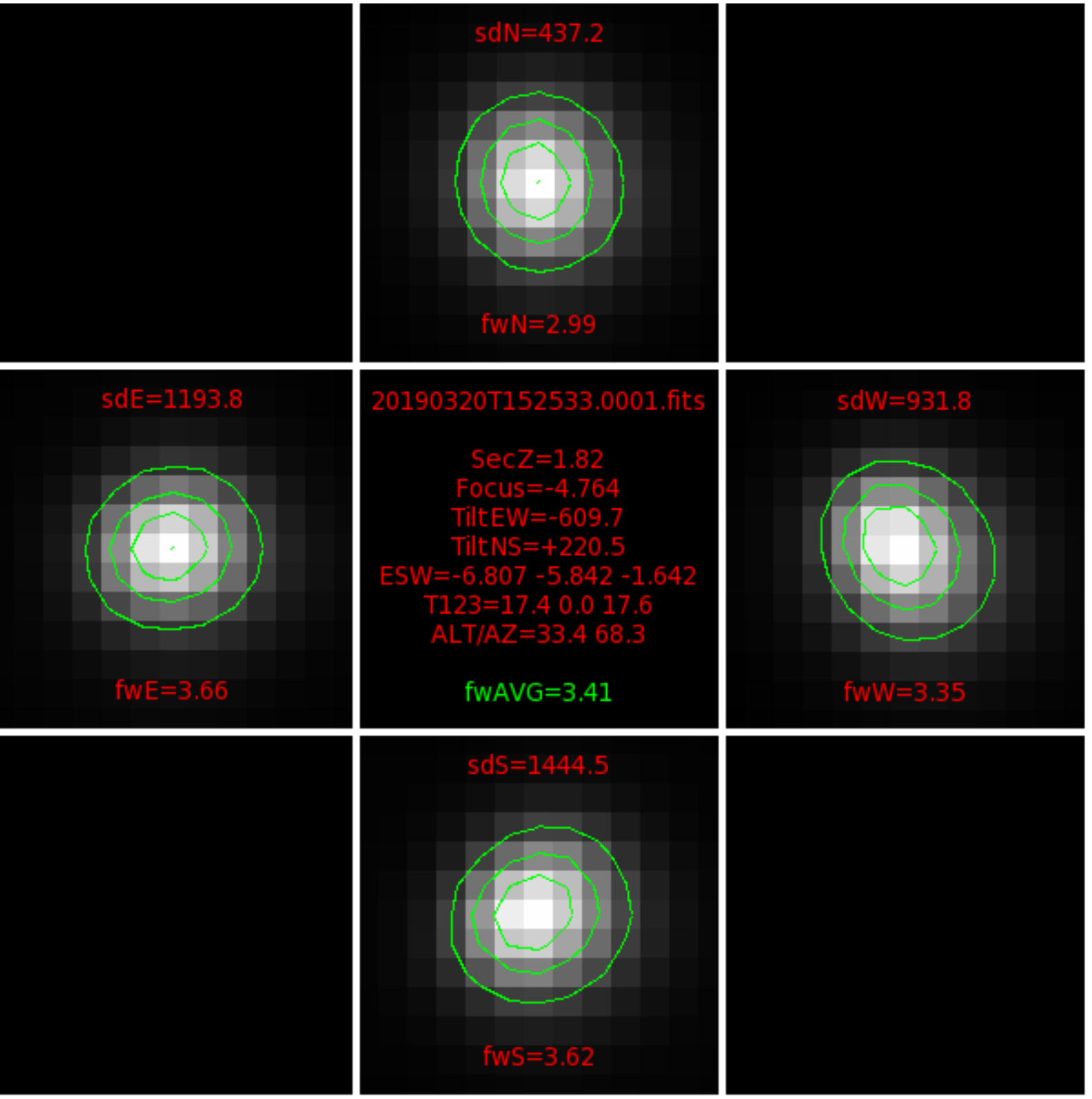
sdN=437.2
fwN=2.99
sdE=1193.8
fwE=3.66
20190320T152533.0001.fits
SecZ=1.82
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.4 0.0 17.6
ALT/AZ=33.4 68.3
fwAVG=3.41
sdW=931.8
fwW=3.35
sdS=1444.5
fwS=3.62
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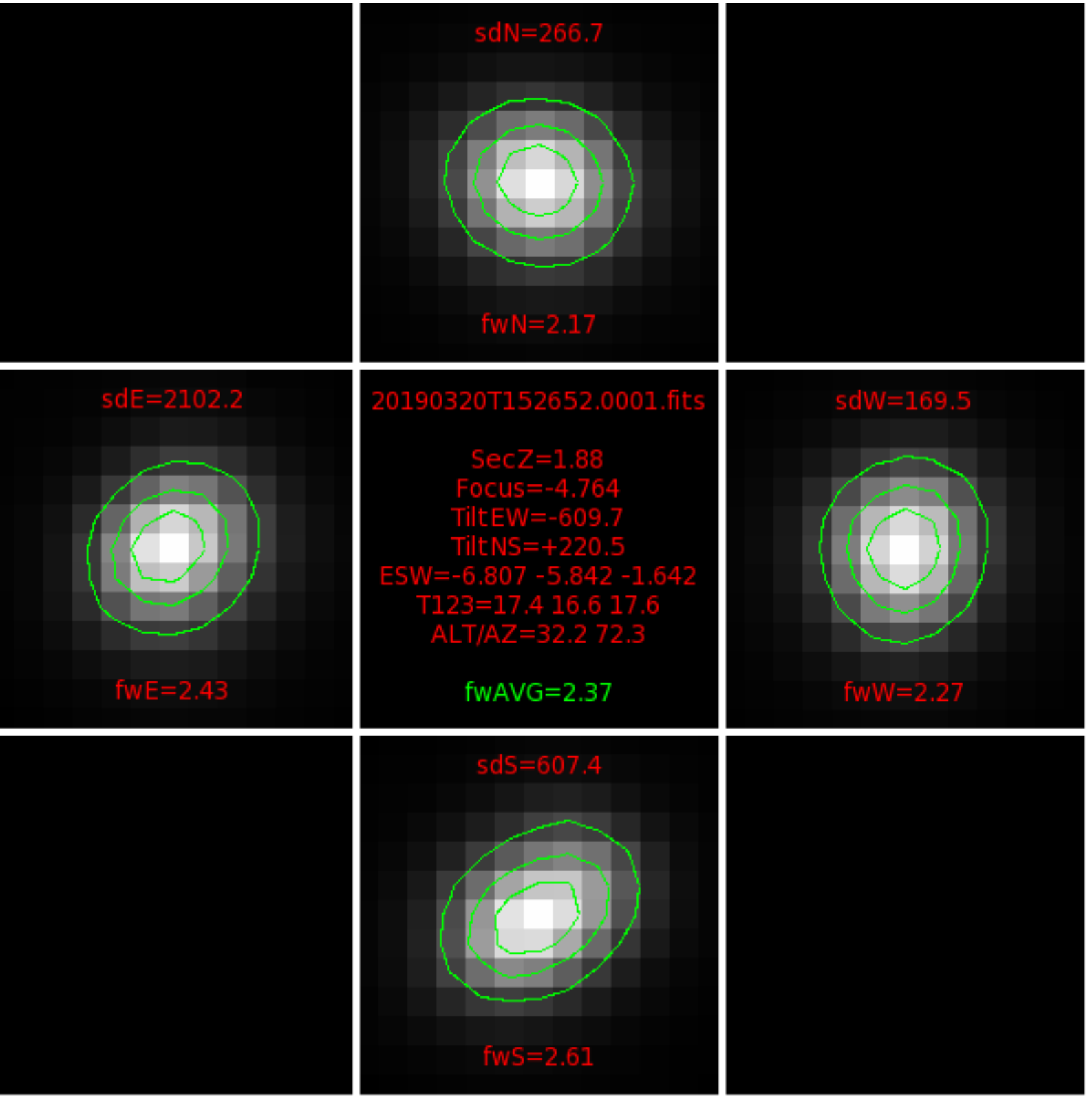
sdN=266.7
fwN=2.17
sdE=2102.2
fwE=2.43
20190320T152652.0001.fits
SecZ=1.88
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.4 16.6 17.6
ALT/AZ=32.2 72.3
fwAVG=2.37
sdW=169.5
fwW=2.27
sdS=607.4
fwS=2.61
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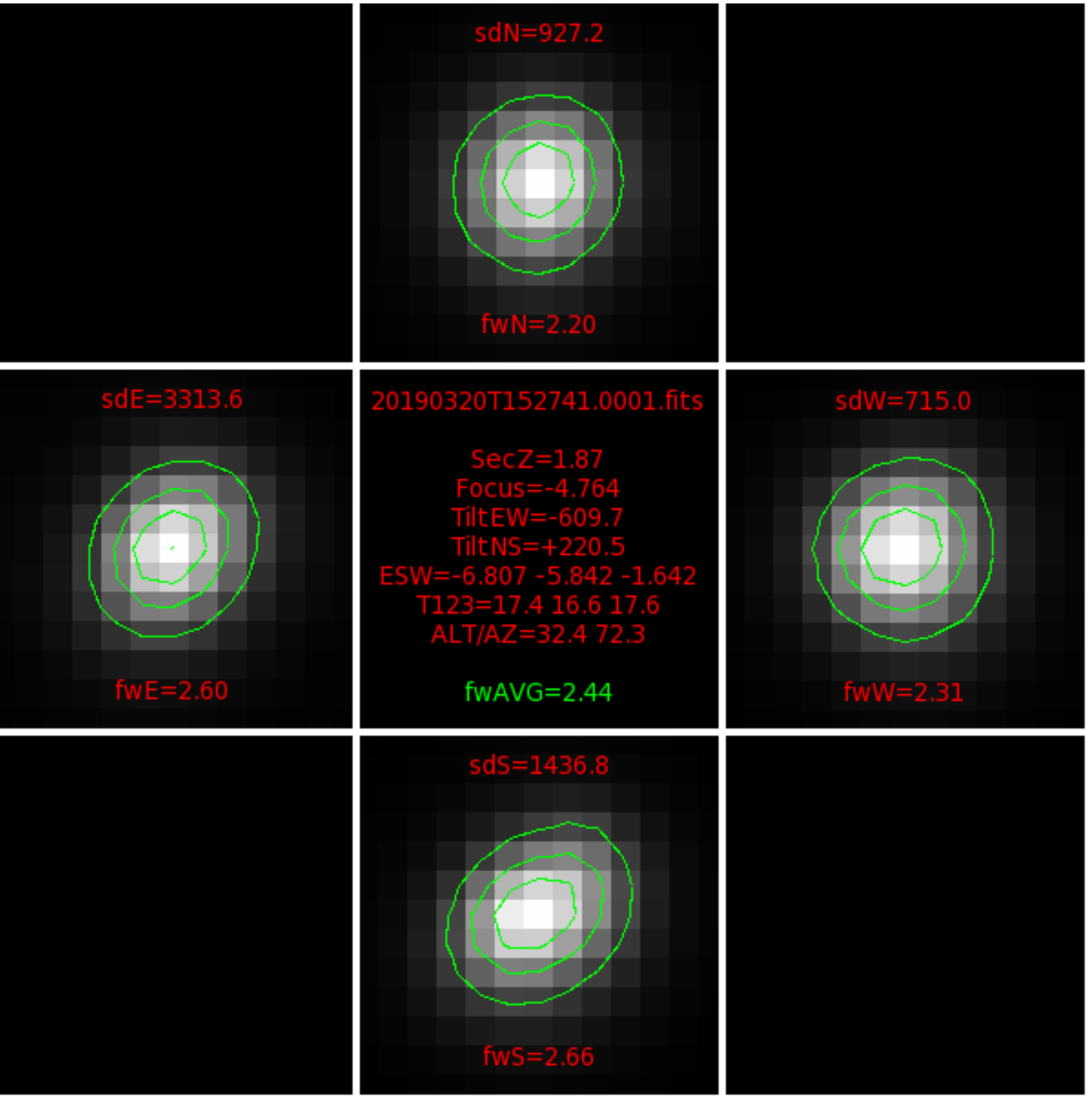
sdN=927.2
fwN=2.20
sdE=3313.6
fwE=2.60
20190320T152741.0001.fits
SecZ=1.87
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.4 16.6 17.6
ALT/AZ=32.4 72.3
fwAVG=2.44
sdW=715.0
fwW=2.31
sdS=1436.8
fwS=2.66
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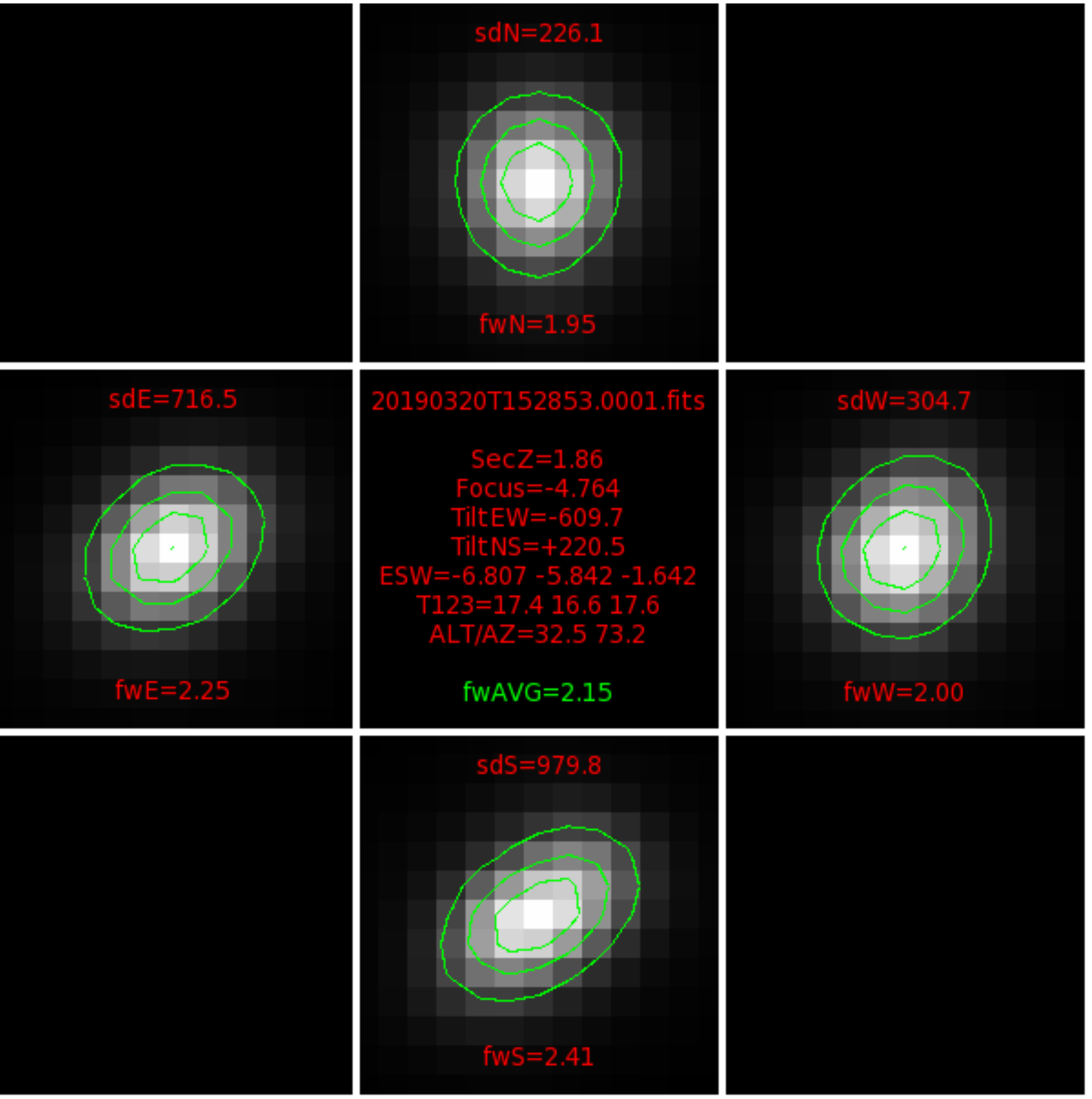
sdN=226.1
fwN=1.95
sdE=716.5
fwE=2.25
20190320T152853.0001.fits
SecZ=1.86
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.4 16.6 17.6
ALT/AZ=32.5 73.2
fwAVG=2.15
sdW=304.7
fwW=2.00
sdS=979.8
fwS=2.41
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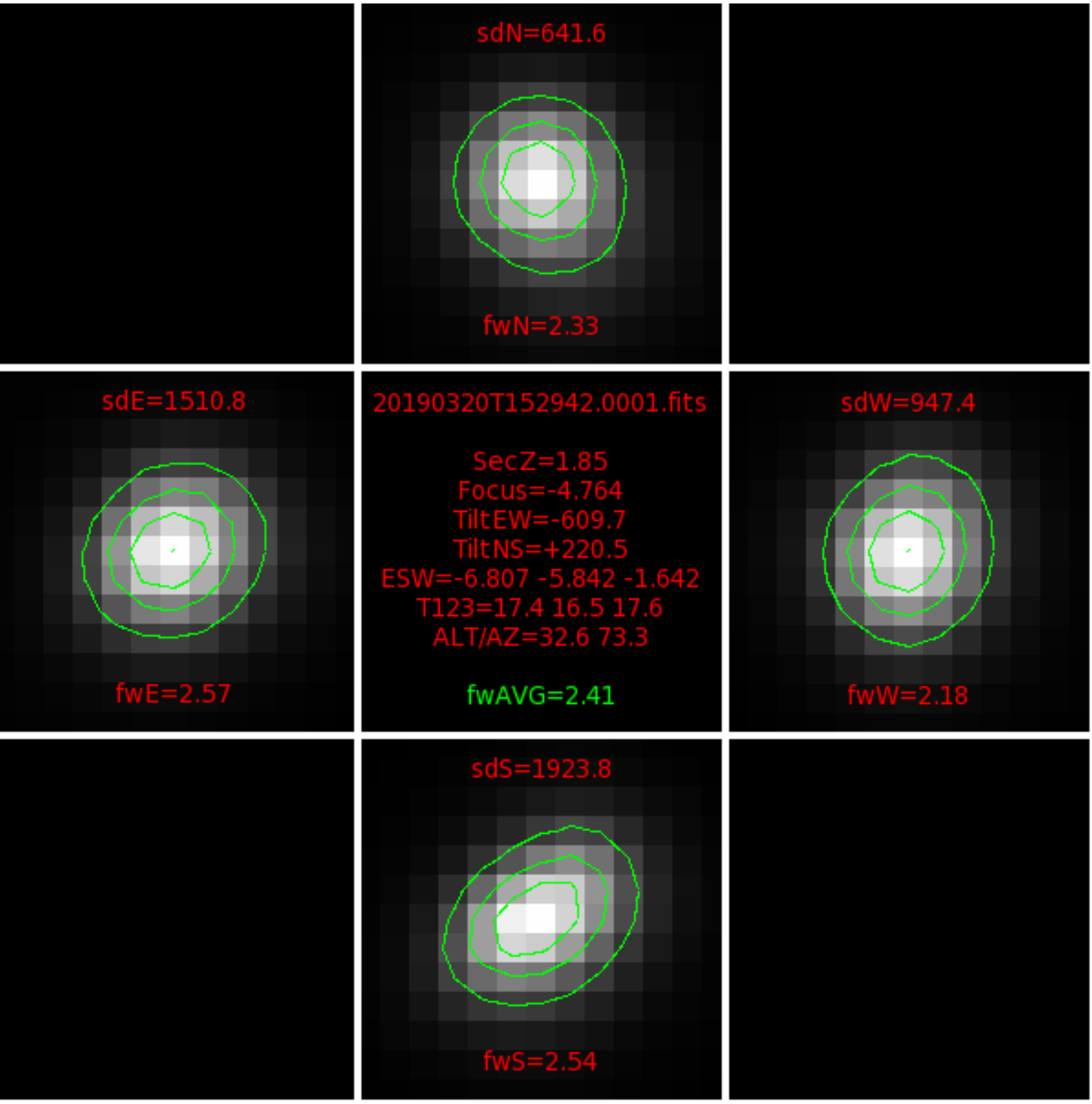
sdN=641.6
fwN=2.33
sdE=1510.8
fwE=2.57
20190320T152942.0001.fits
SecZ=1.85
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.4 16.5 17.6
ALT/AZ=32.6 73.3
fwAVG=2.41
sdW=947.4
fwW=2.18
sdS=1923.8
fwS=2.54
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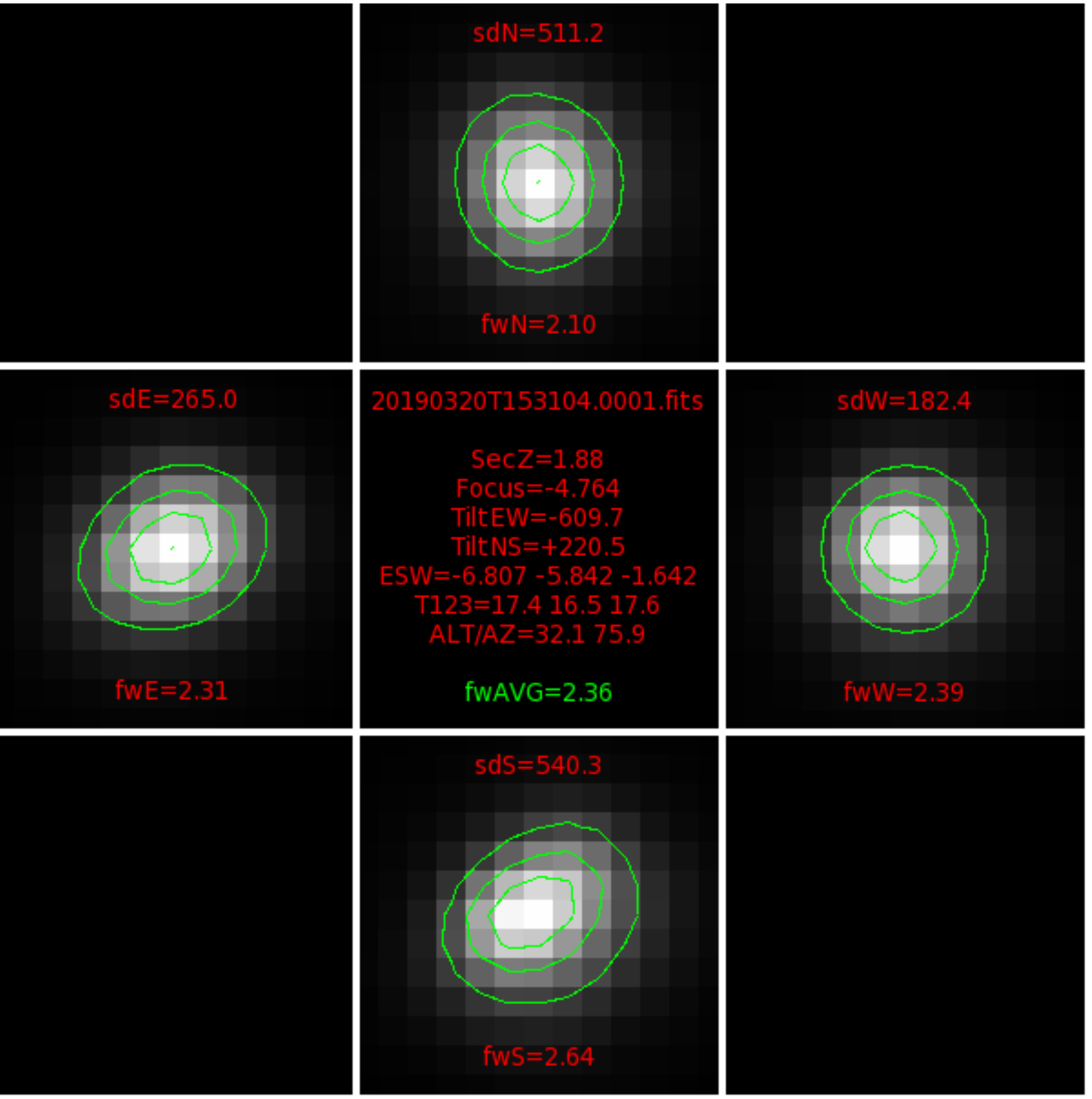
sdN=511.2
fwN=2.10
sdE=265.0
fwE=2.31
20190320T153104.0001.fits
SecZ=1.88
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.4 16.5 17.6
ALT/AZ=32.1 75.9
fwAVG=2.36
sdW=182.4
fwW=2.39
sdS=540.3
fwS=2.64
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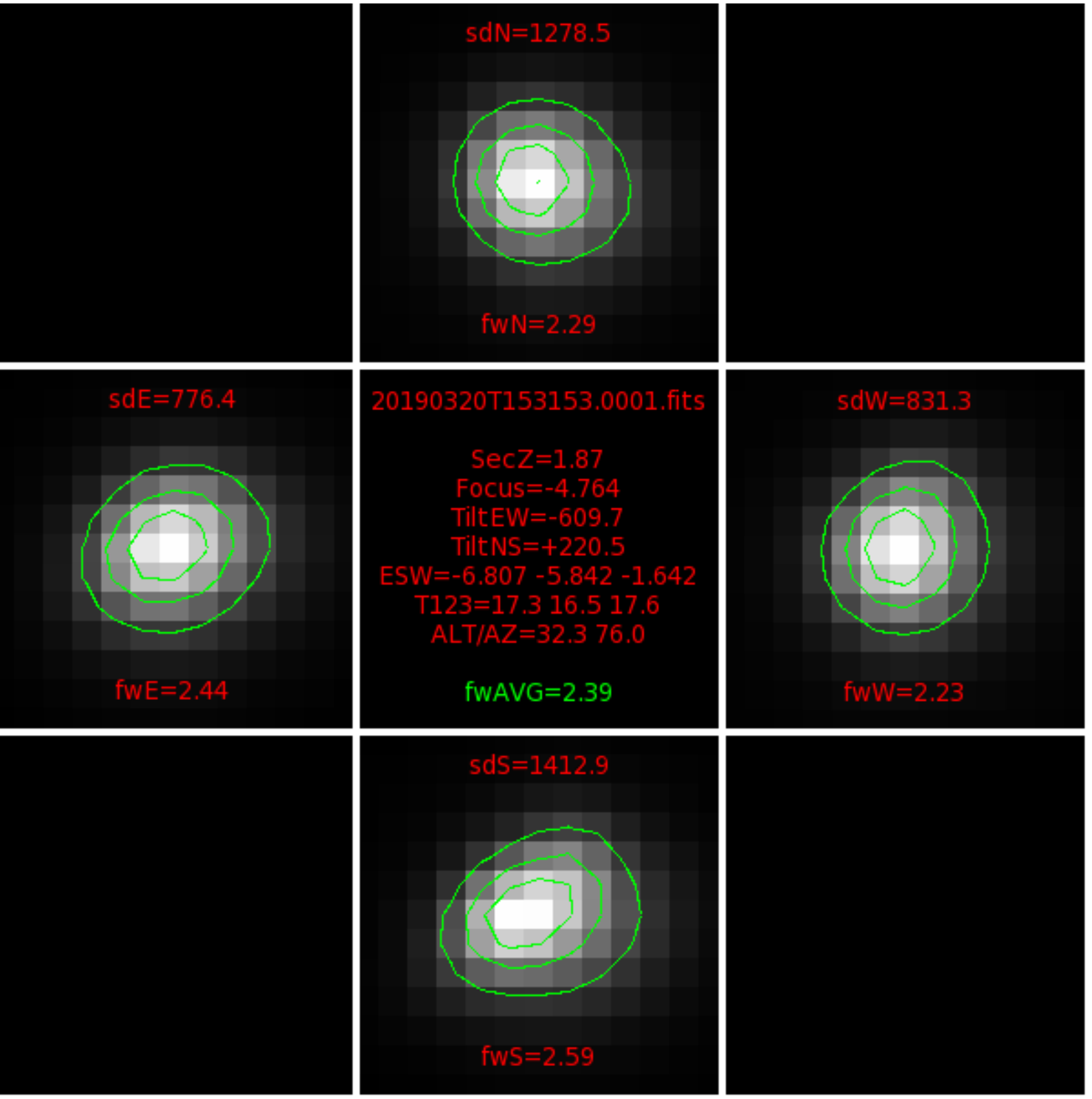
sdN=1278.5
fwN=2.29
sdE=776.4
fwE=2.44
20190320T153153.0001.fits
SecZ=1.87
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.3 16.5 17.6
ALT/AZ=32.3 76.0
fwAVG=2.39
sdW=831.3
fwW=2.23
sdS=1412.9
fwS=2.59
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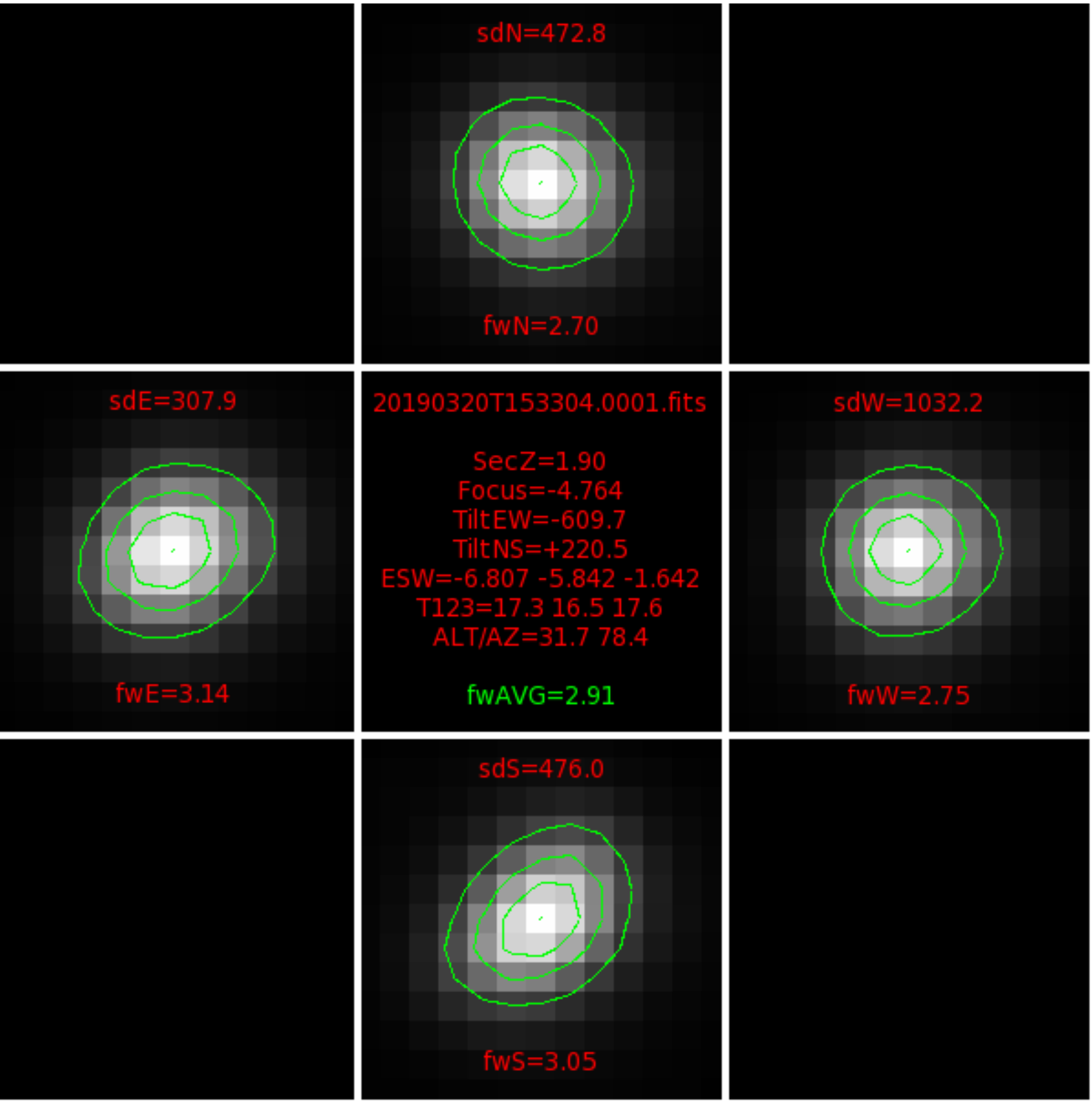
sdN=472.8
fwN=2.70
sdE=307.9
fwE=3.14
20190320T153304.0001.fits
SecZ=1.90
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.3 16.5 17.6
ALT/AZ=31.7 78.4
fwAVG=2.91
sdW=1032.2
fwW=2.75
sdS=476.0
fwS=3.05
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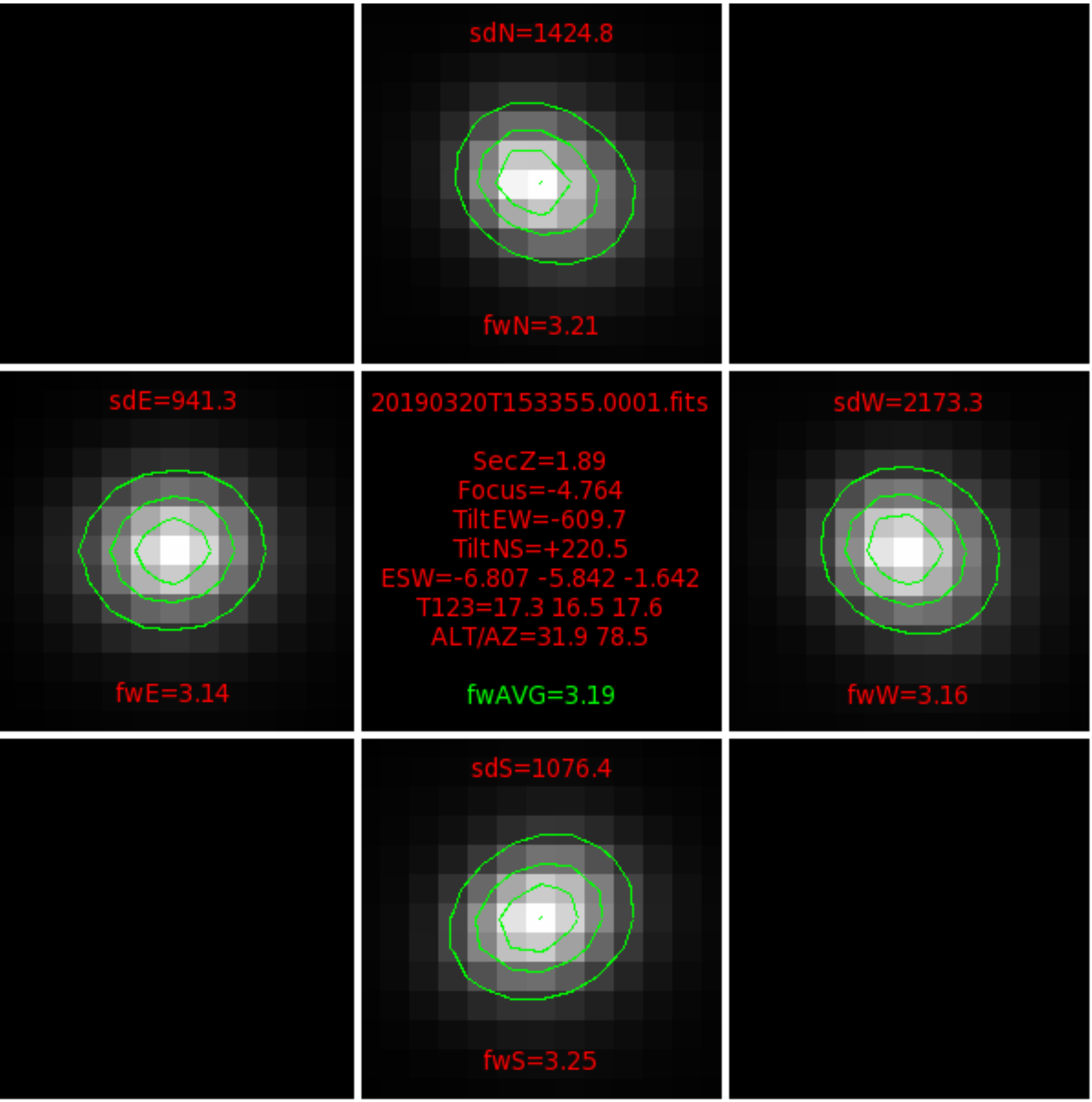
sdN=1424.8
fwN=3.21
sdE=941.3
fwE=3.14
20190320T153355.0001.fits
SecZ=1.89
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.3 16.5 17.6
ALT/AZ=31.9 78.5
fwAVG=3.19
sdW=2173.3
fwW=3.16
sdS=1076.4
fwS=3.25
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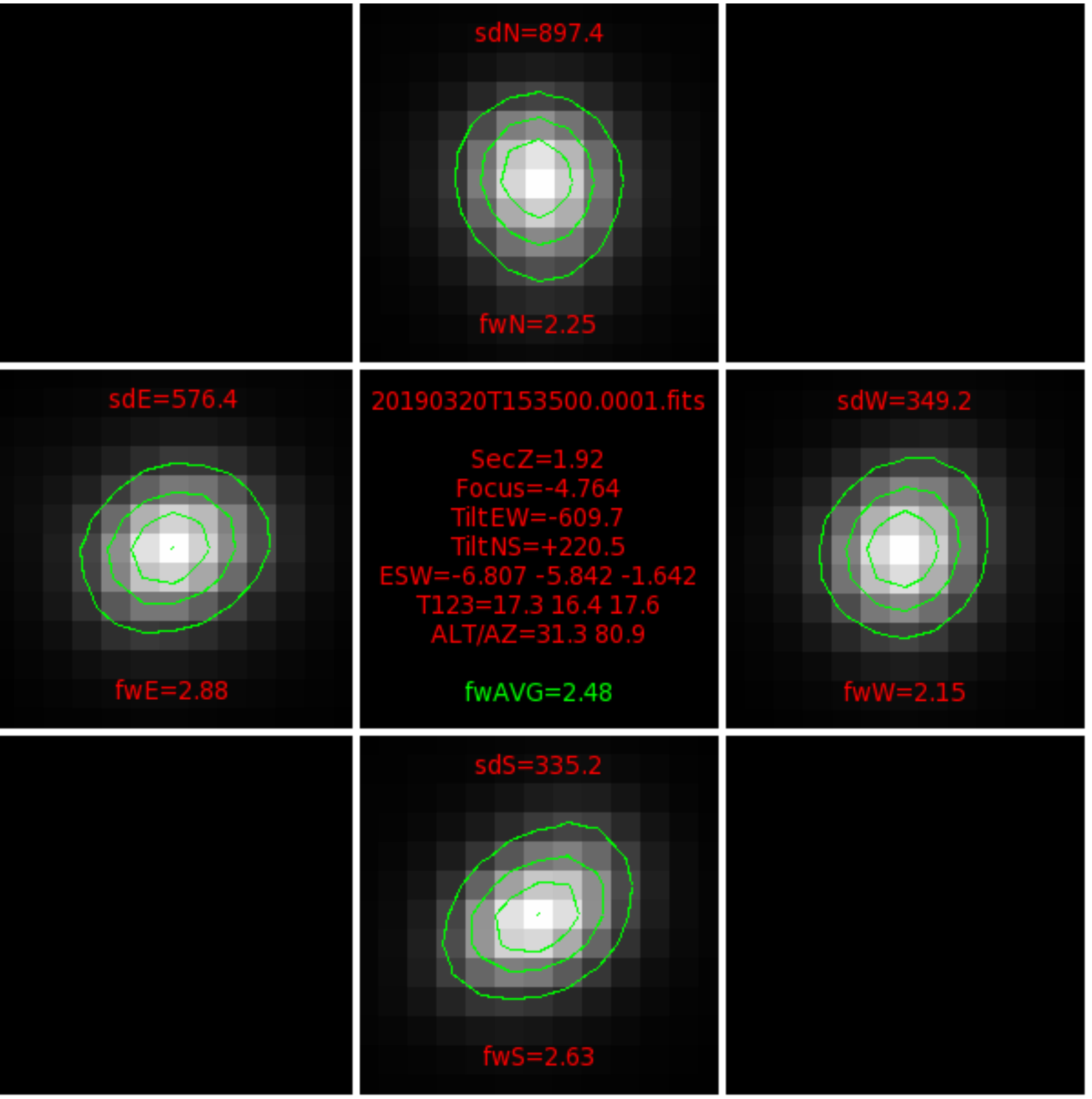
sdN=897.4
fwN=2.25
sdE=576.4
fwE=2.88
20190320T153500.0001.fits
SecZ=1.92
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.3 16.4 17.6
ALT/AZ=31.3 80.9
fwAVG=2.48
sdW=349.2
fwW=2.15
sdS=335.2
fwS=2.63
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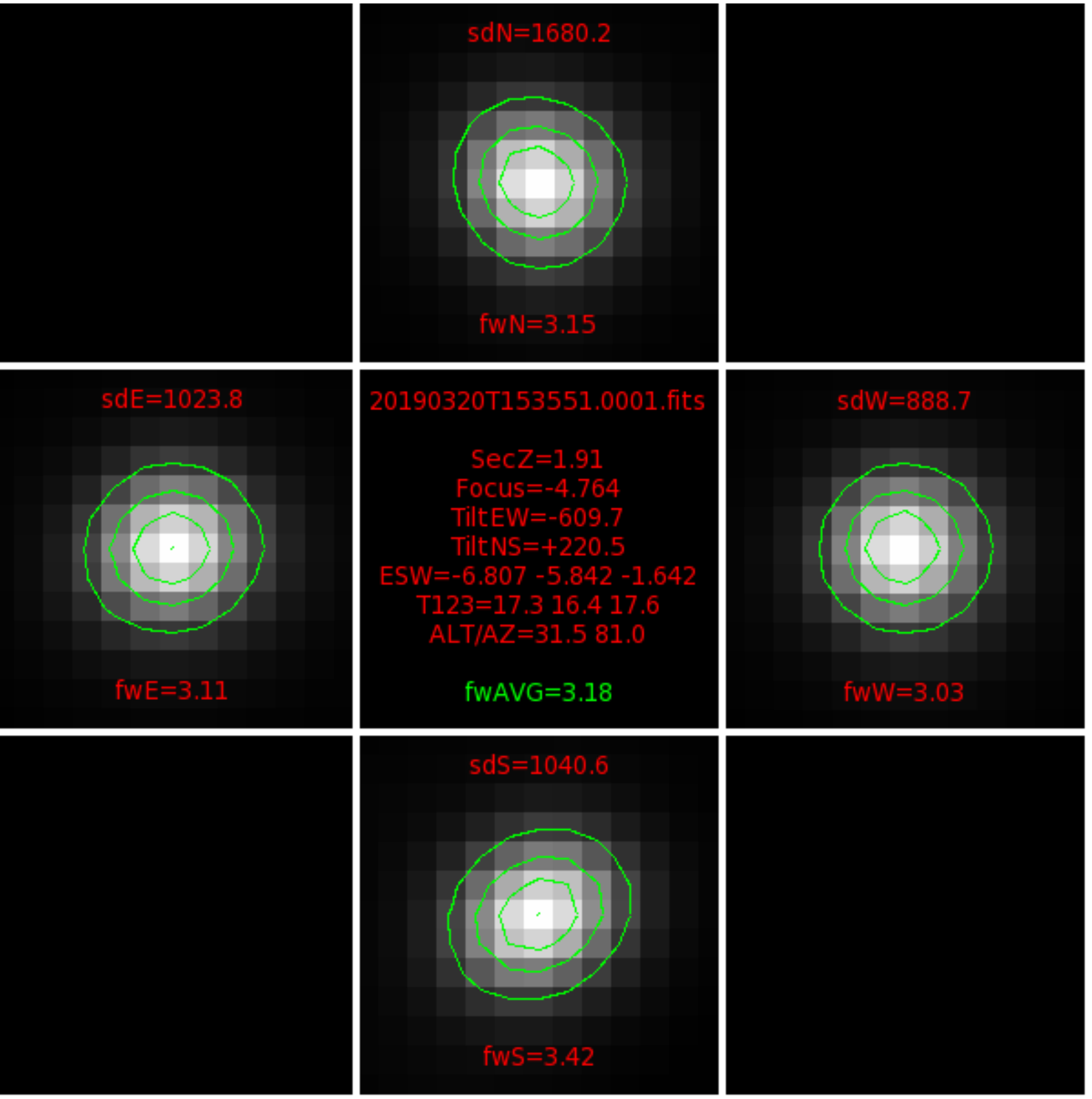
sdN=1680.2
fwN=3.15
sdE=1023.8
fwE=3.11
20190320T153551.0001.fits
SecZ=1.91
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.3 16.4 17.6
ALT/AZ=31.5 81.0
fwAVG=3.18
sdW=888.7
fwW=3.03
sdS=1040.6
fwS=3.42
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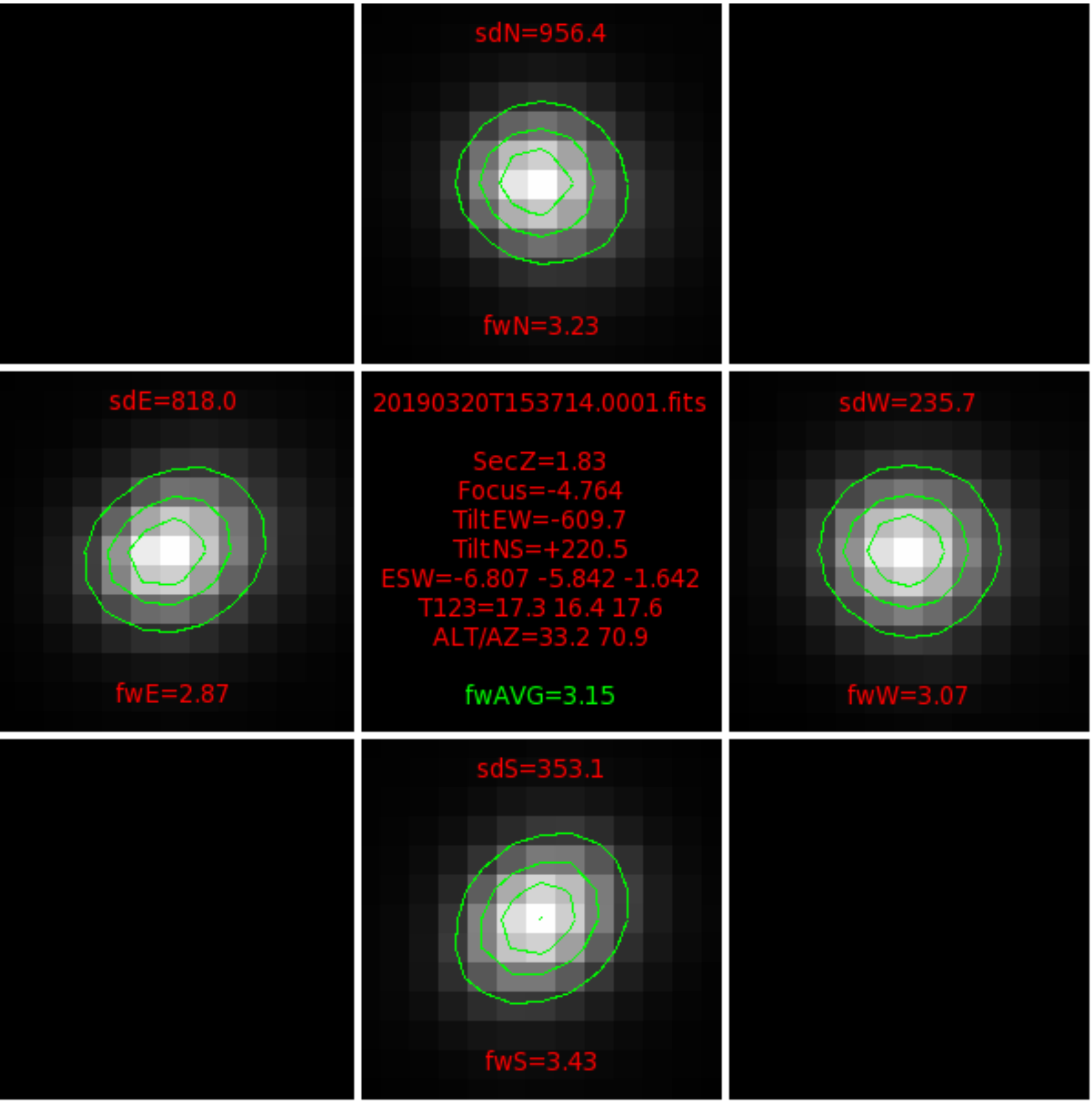
sdN=956.4
fwN=3.23
sdE=818.0
fwE=2.87
20190320T153714.0001.fits
SecZ=1.83
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.3 16.4 17.6
ALT/AZ=33.2 70.9
fwAVG=3.15
sdW=235.7
fwW=3.07
sdS=353.1
fwS=3.43
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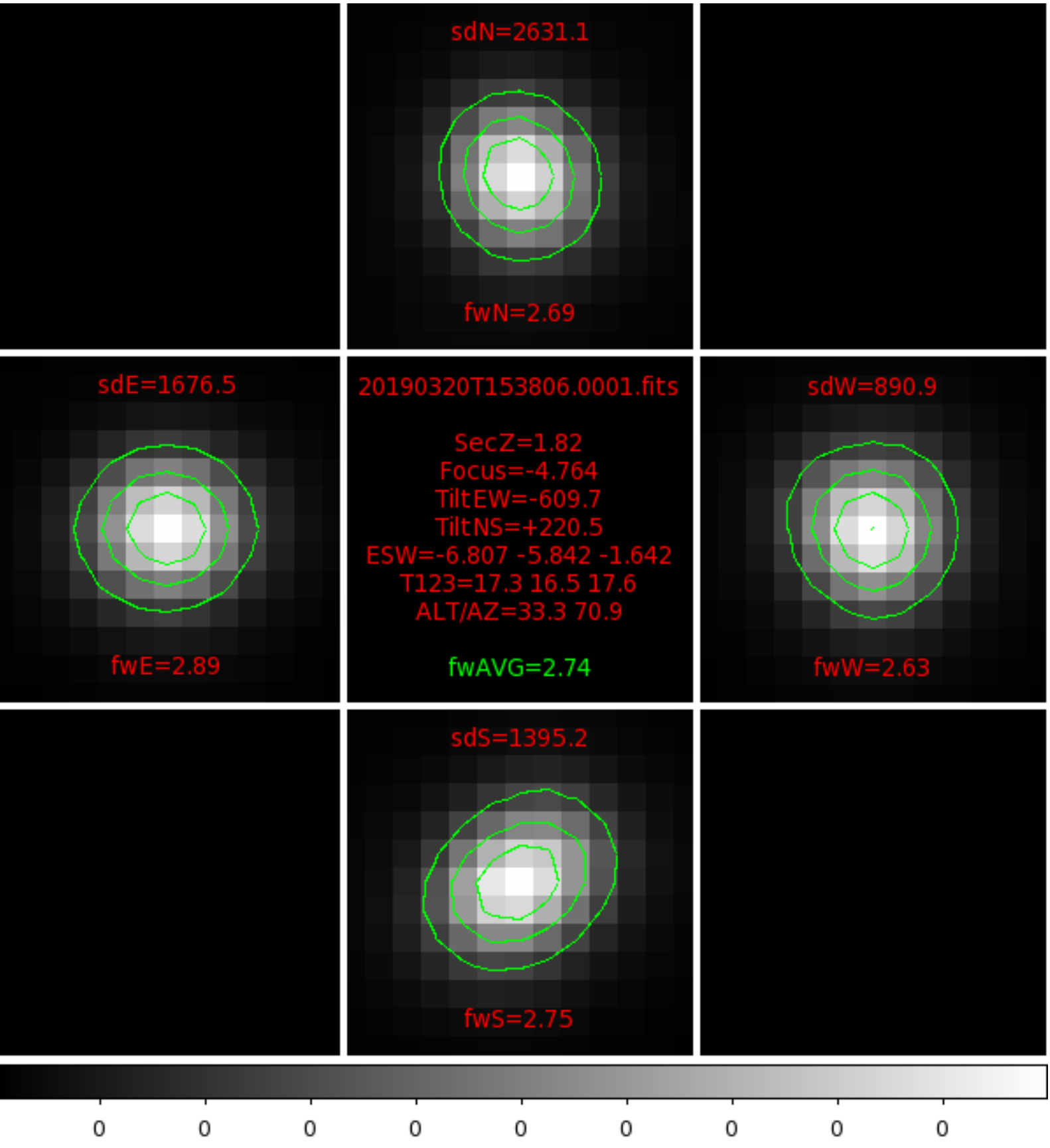
sdN=2631.1
fwN=2.69
sdE=1676.5
fwE=2.89
20190320T153806.0001.fits
SecZ=1.82
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.3 16.5 17.6
ALT/AZ=33.3 70.9
fwAVG=2.74
sdW=890.9
fwW=2.63
sdS=1395.2
fwS=2.75
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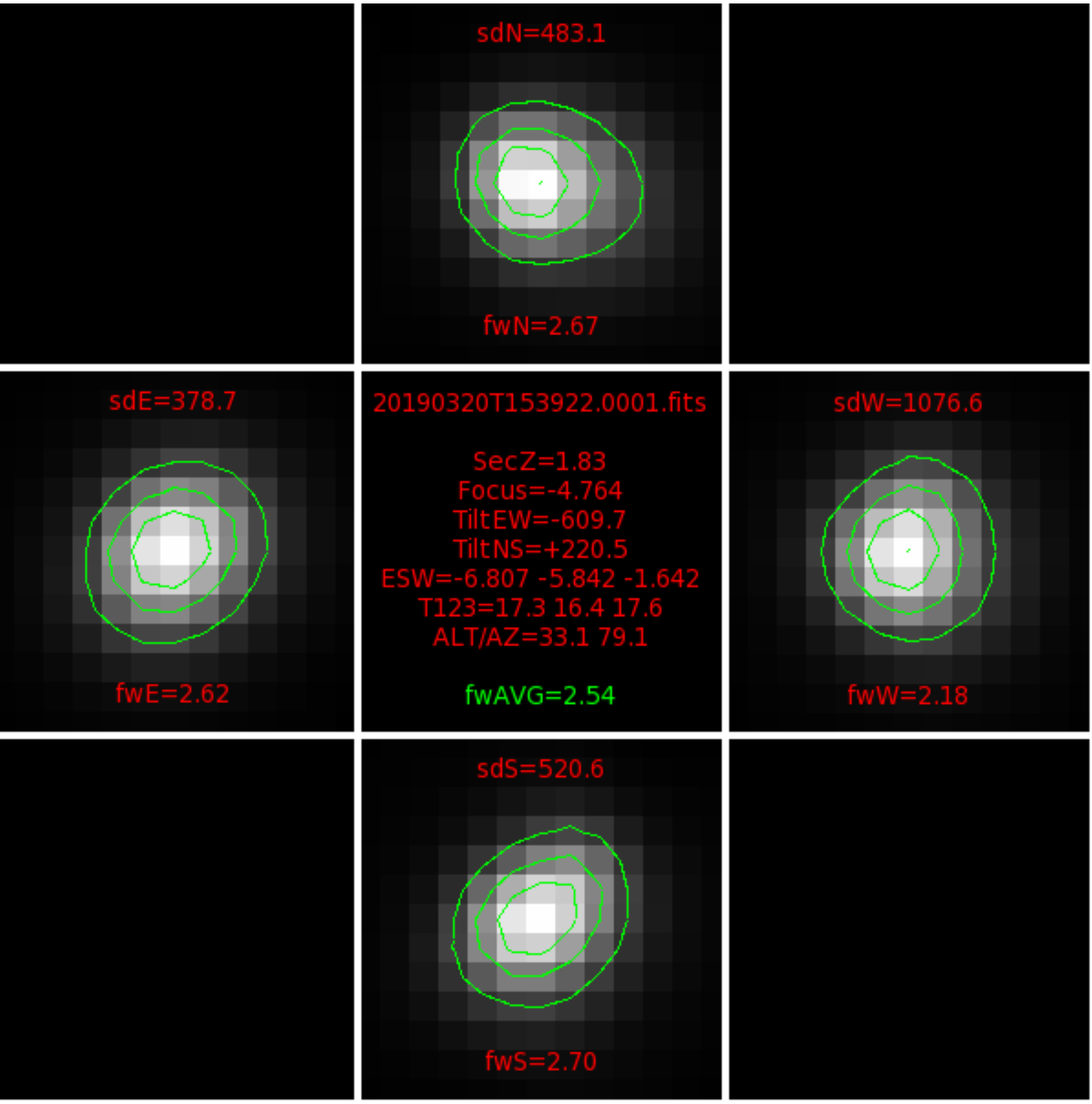
sdN=483.1
fwN=2.67
sdE=378.7
fwE=2.62
20190320T153922.0001.fits
SecZ=1.83
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.3 16.4 17.6
ALT/AZ=33.1 79.1
fwAVG=2.54
sdW=1076.6
fwW=2.18
sdS=520.6
fwS=2.70
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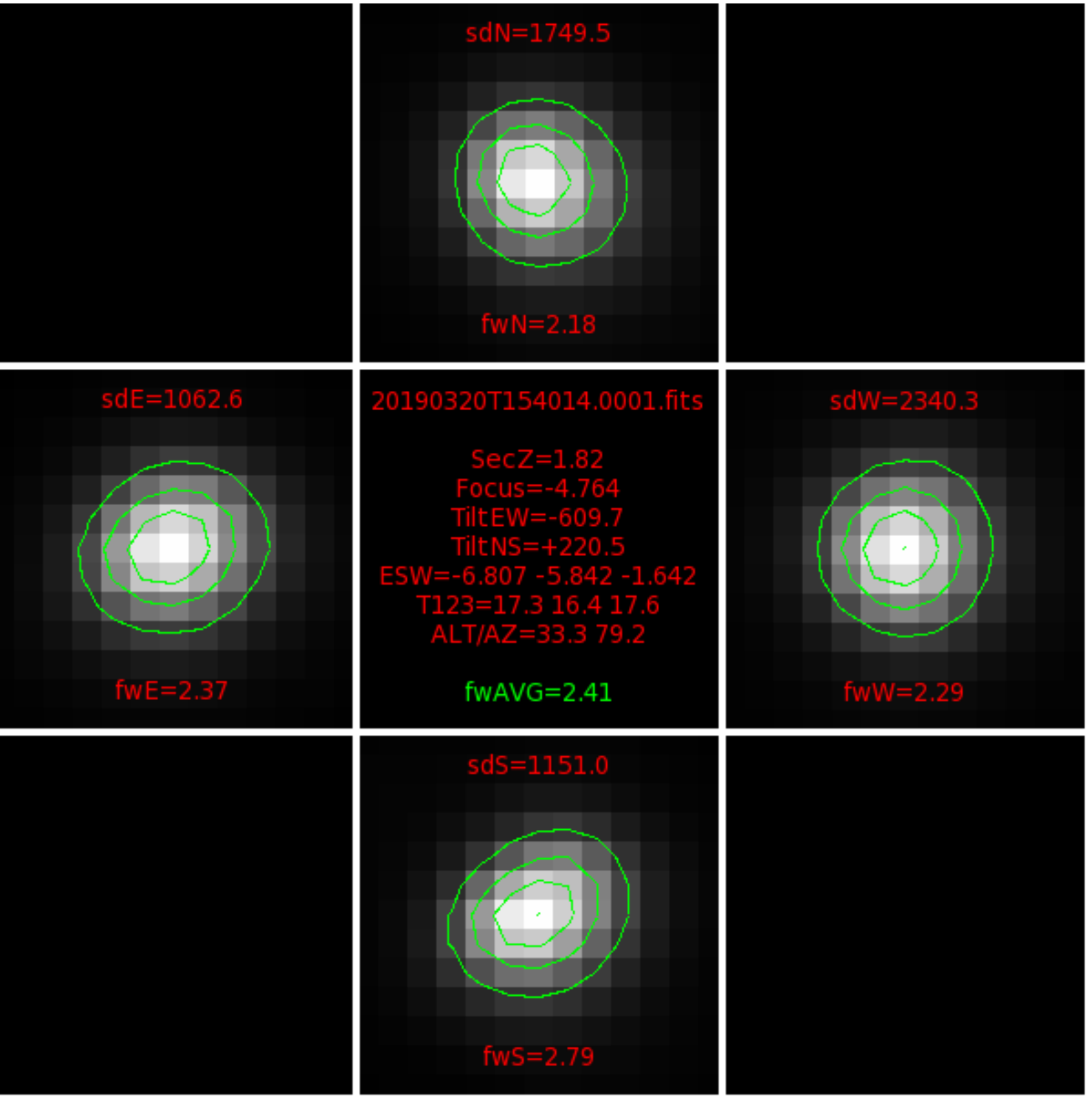
sdN=1749.5
fwN=2.18
sdE=1062.6
fwE=2.37
20190320T154014.0001.fits
SecZ=1.82
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.3 16.4 17.6
ALT/AZ=33.3 79.2
fwAVG=2.41
sdW=2340.3
fwW=2.29
sdS=1151.0
fwS=2.79
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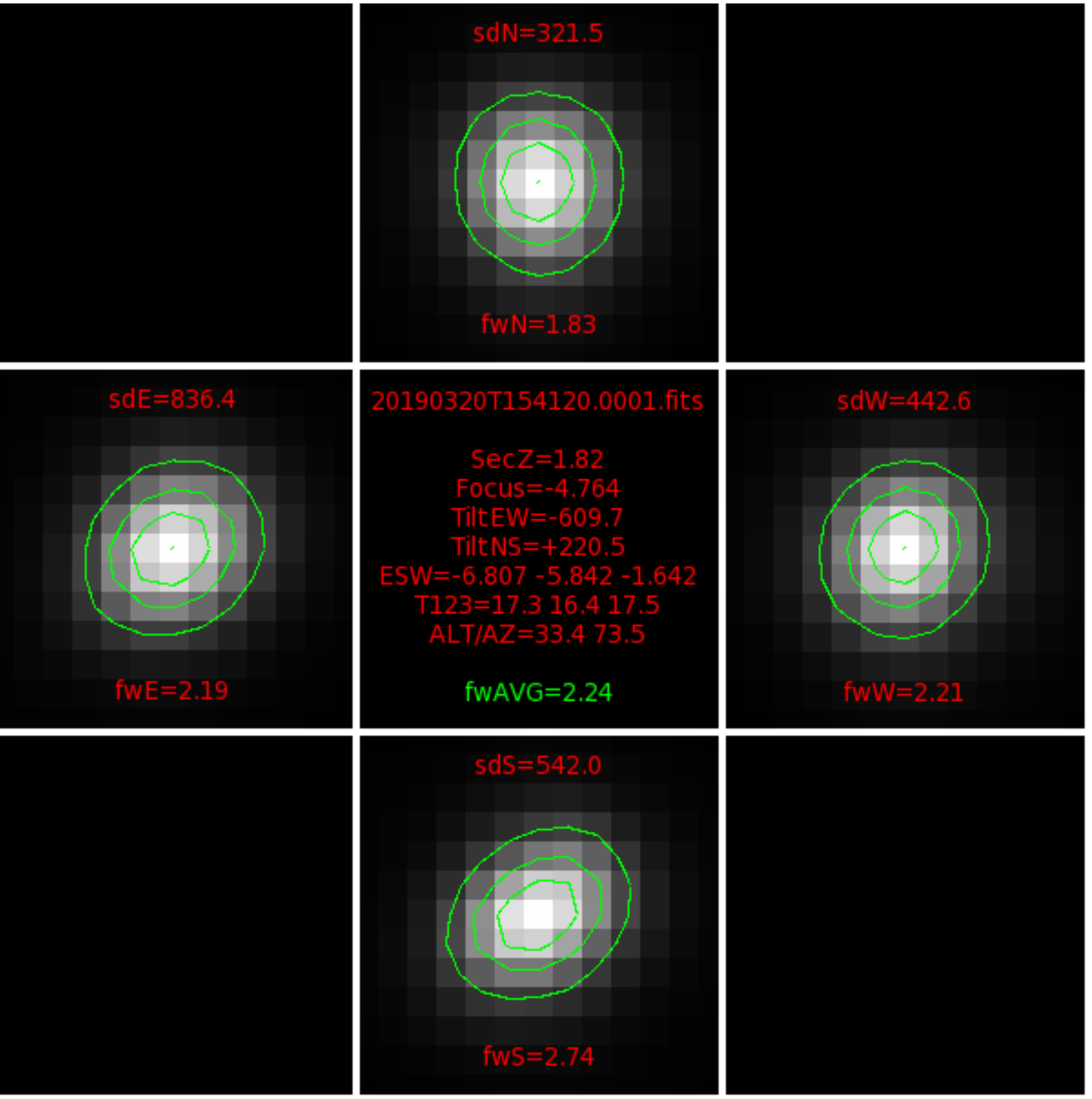
sdN=321.5
fwN=1.83
sdE=836.4
fwE=2.19
20190320T154120.0001.fits
SecZ=1.82
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.3 16.4 17.5
ALT/AZ=33.4 73.5
fwAVG=2.24
sdW=442.6
fwW=2.21
sdS=542.0
fwS=2.74
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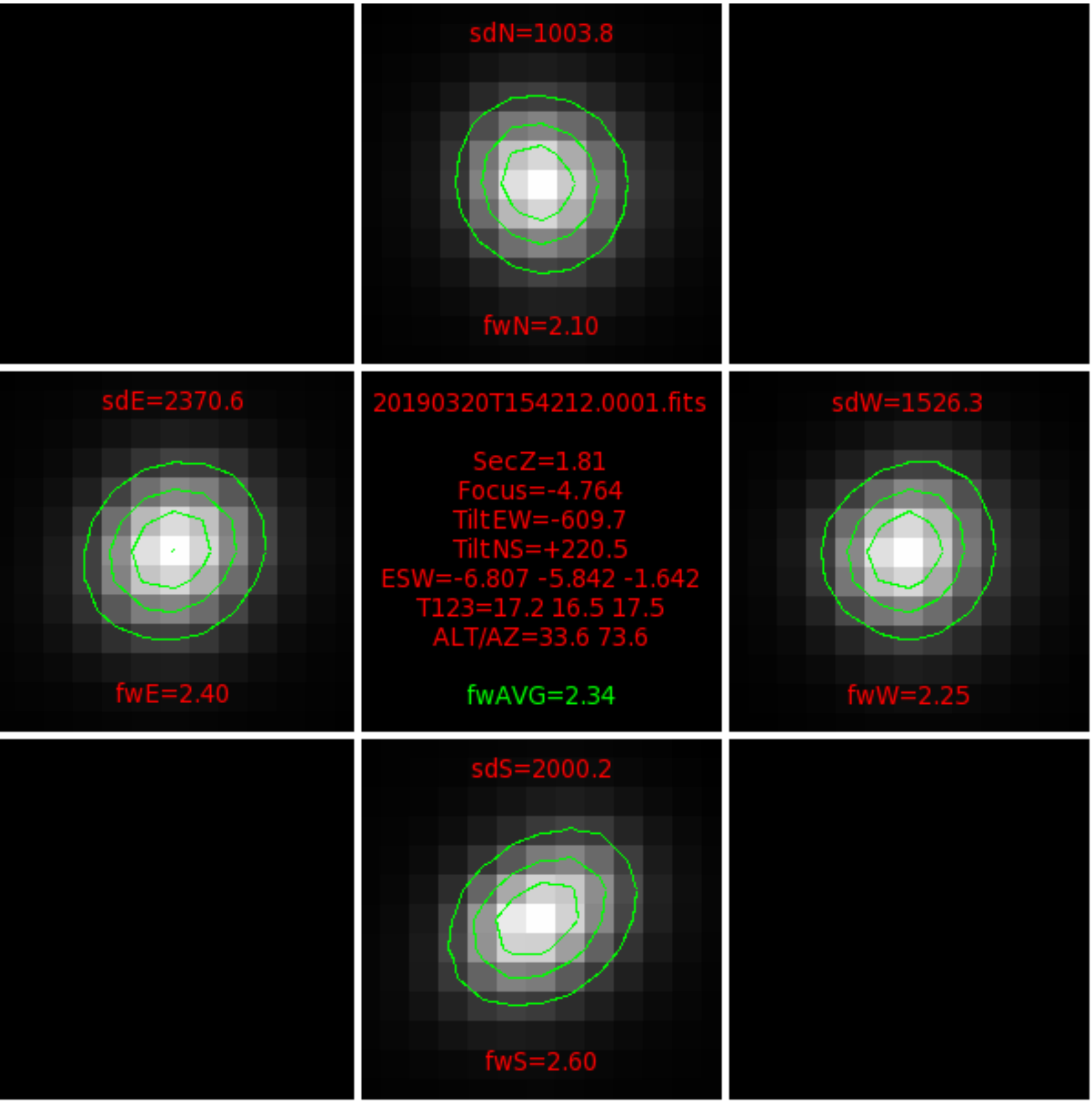
sdN=1003.8
fwN=2.10
sdE=2370.6
fwE=2.40
20190320T154212.0001.fits
SecZ=1.81
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.2 16.5 17.5
ALT/AZ=33.6 73.6
fwAVG=2.34
sdW=1526.3
fwW=2.25
sdS=2000.2
fwS=2.60
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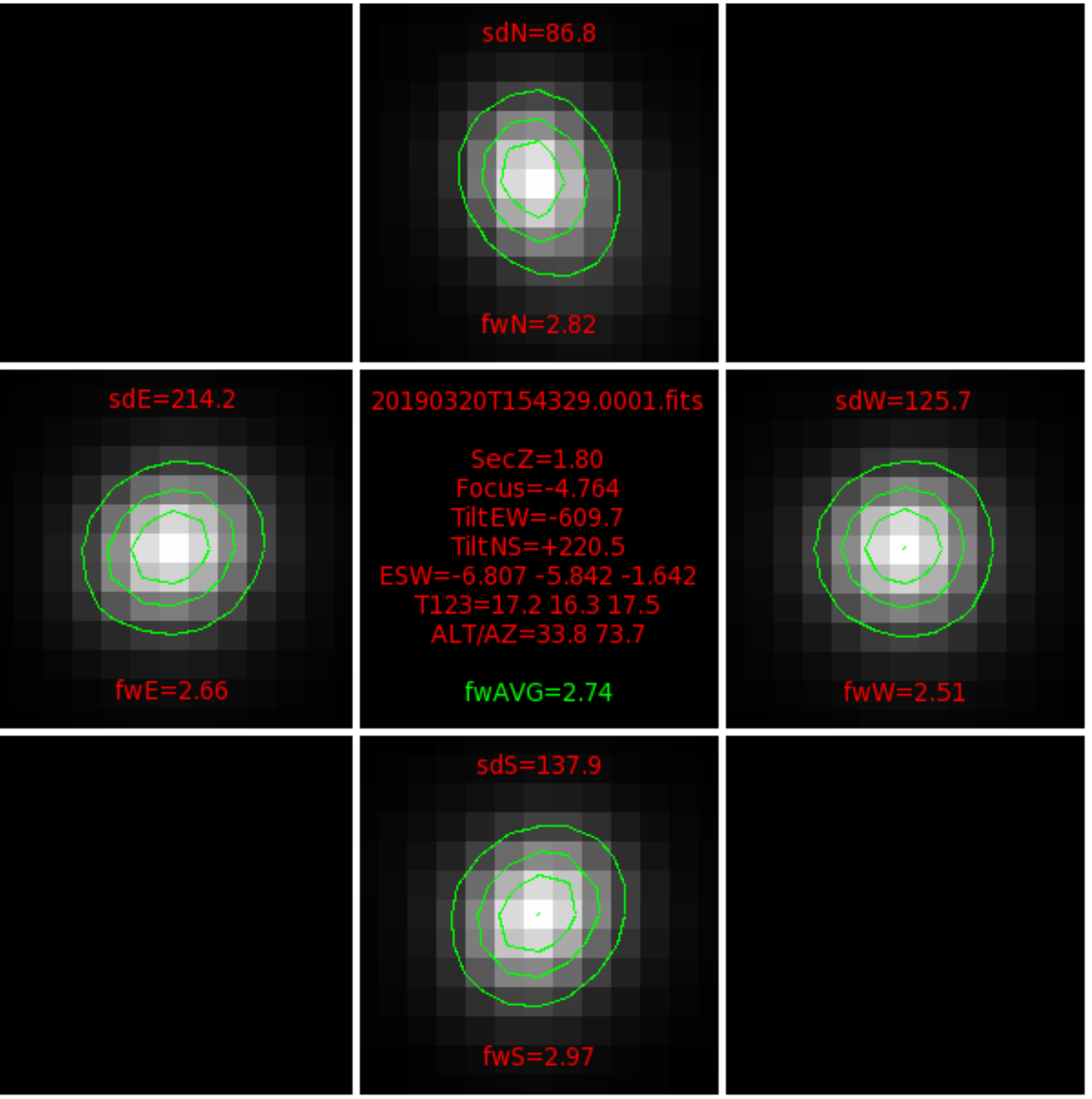
sdN=86.8
fwN=2.82
sdE=214.2
fwE=2.66
20190320T154329.0001.fits
SecZ=1.80
Focus=-4.764
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.807 -5.842 -1.642
T123=17.2 16.3 17.5
ALT/AZ=33.8 73.7
fwAVG=2.74
sdW=125.7
fwW=2.51
sdS=137.9
fwS=2.97
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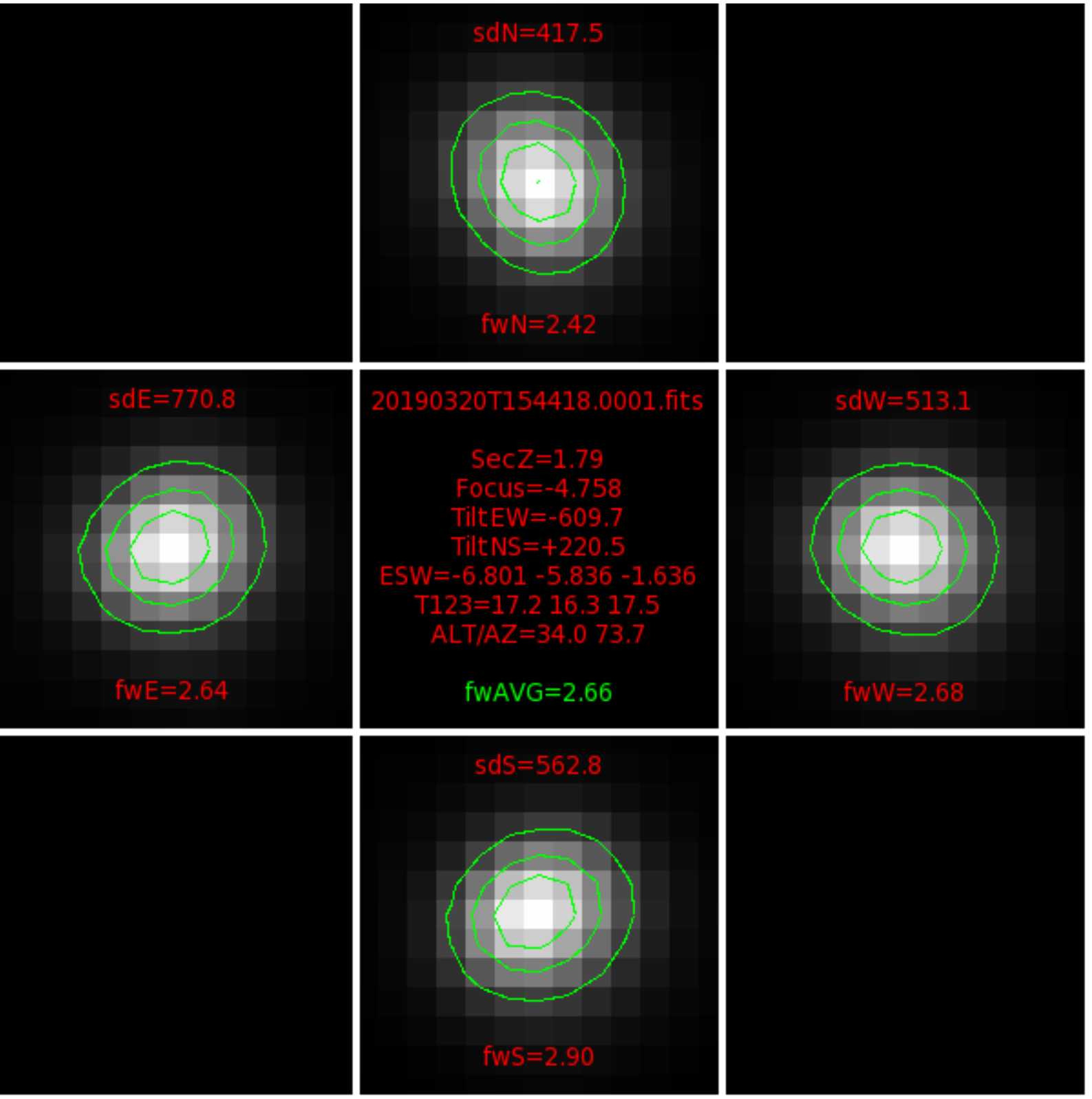
sdN=417.5
fwN=2.42
sdE=770.8
fwE=2.64
20190320T154418.0001.fits
SecZ=1.79
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=17.2 16.3 17.5
ALT/AZ=34.0 73.7
fwAVG=2.66
sdW=513.1
fwW=2.68
sdS=562.8
fwS=2.90
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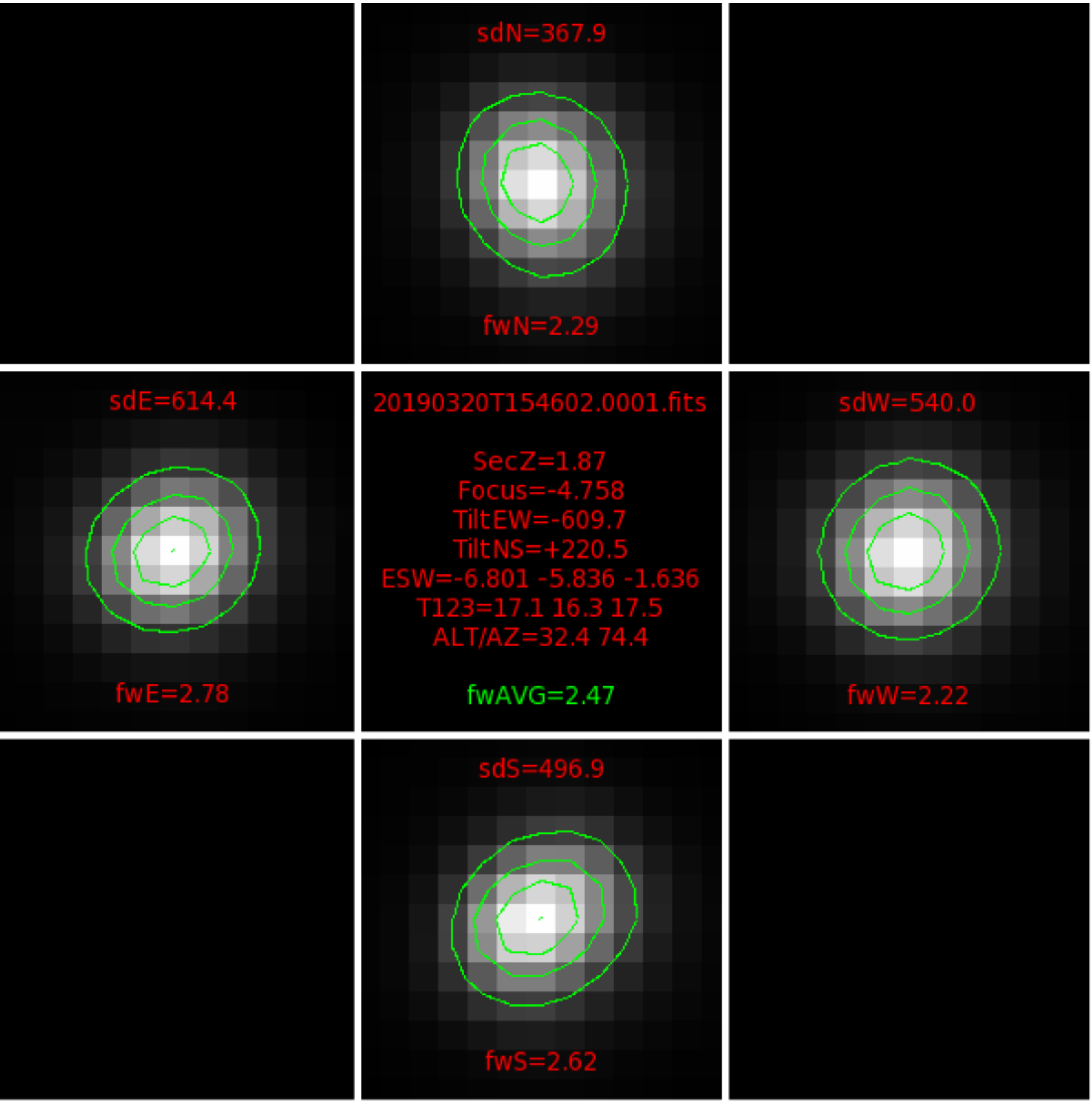
sdN=367.9
fwN=2.29
sdE=614.4
fwE=2.78
20190320T154602.0001.fits
SecZ=1.87
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=17.1 16.3 17.5
ALT/AZ=32.4 74.4
fwAVG=2.47
sdW=540.0
fwW=2.22
sdS=496.9
fwS=2.62
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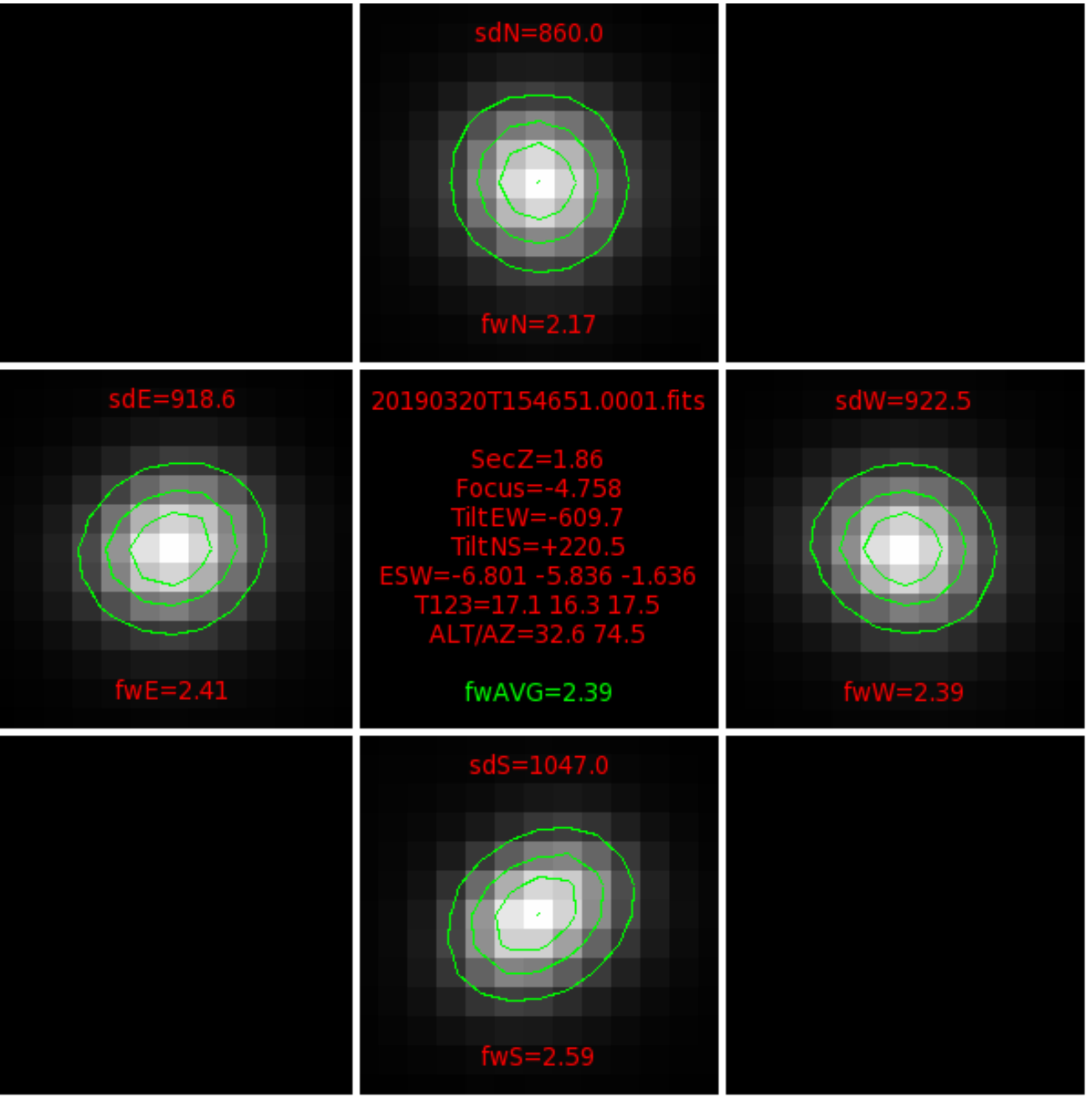
sdN=860.0
fwN=2.17
sdE=918.6
fwE=2.41
20190320T154651.0001.fits
SecZ=1.86
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=17.1 16.3 17.5
ALT/AZ=32.6 74.5
fwAVG=2.39
sdW=922.5
fwW=2.39
sdS=1047.0
fwS=2.59
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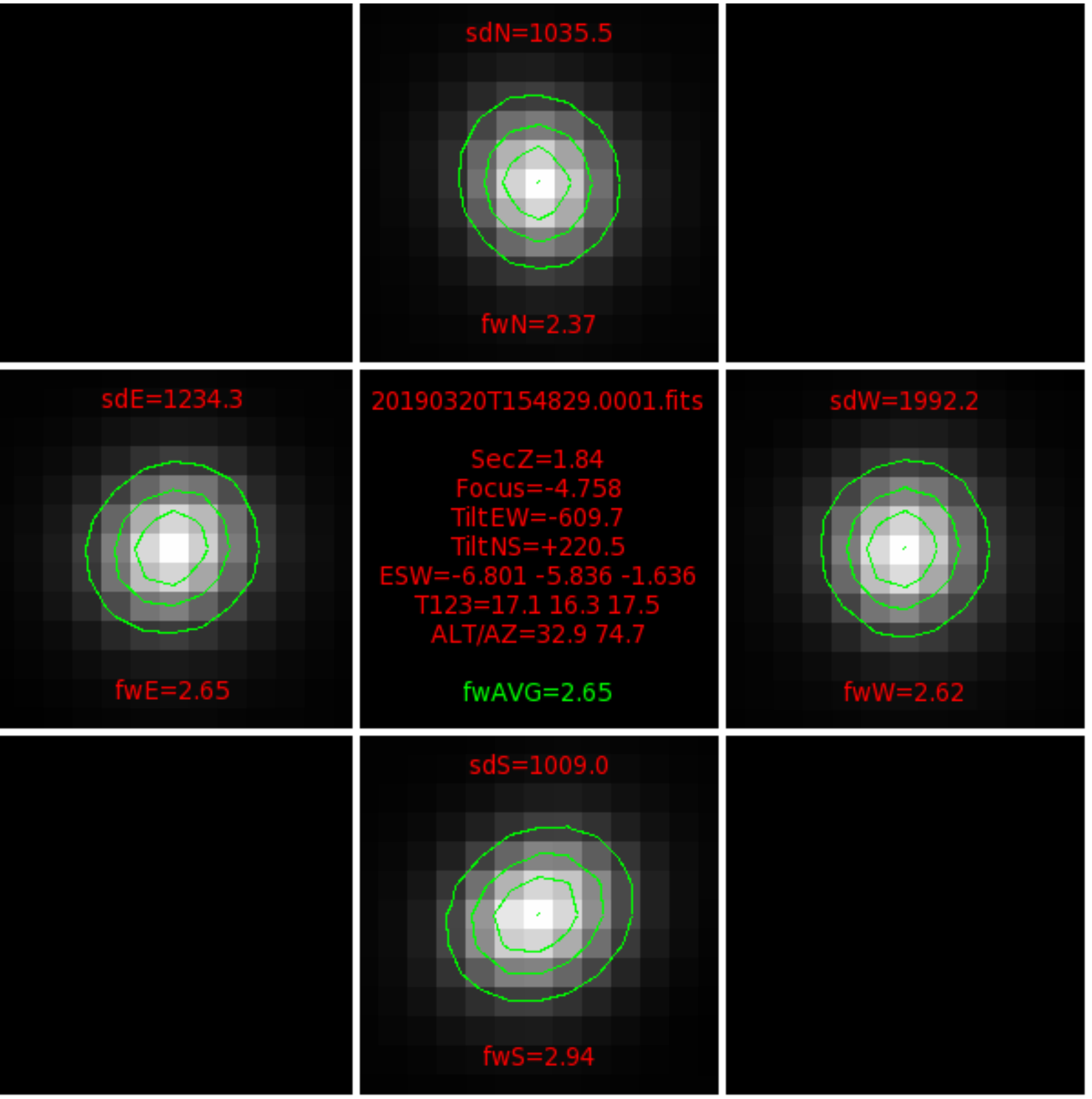
sdN=1035.5
fwN=2.37
sdE=1234.3
fwE=2.65
20190320T154829.0001.fits
SecZ=1.84
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=17.1 16.3 17.5
ALT/AZ=32.9 74.7
fwAVG=2.65
sdW=1992.2
fwW=2.62
sdS=1009.0
fwS=2.94
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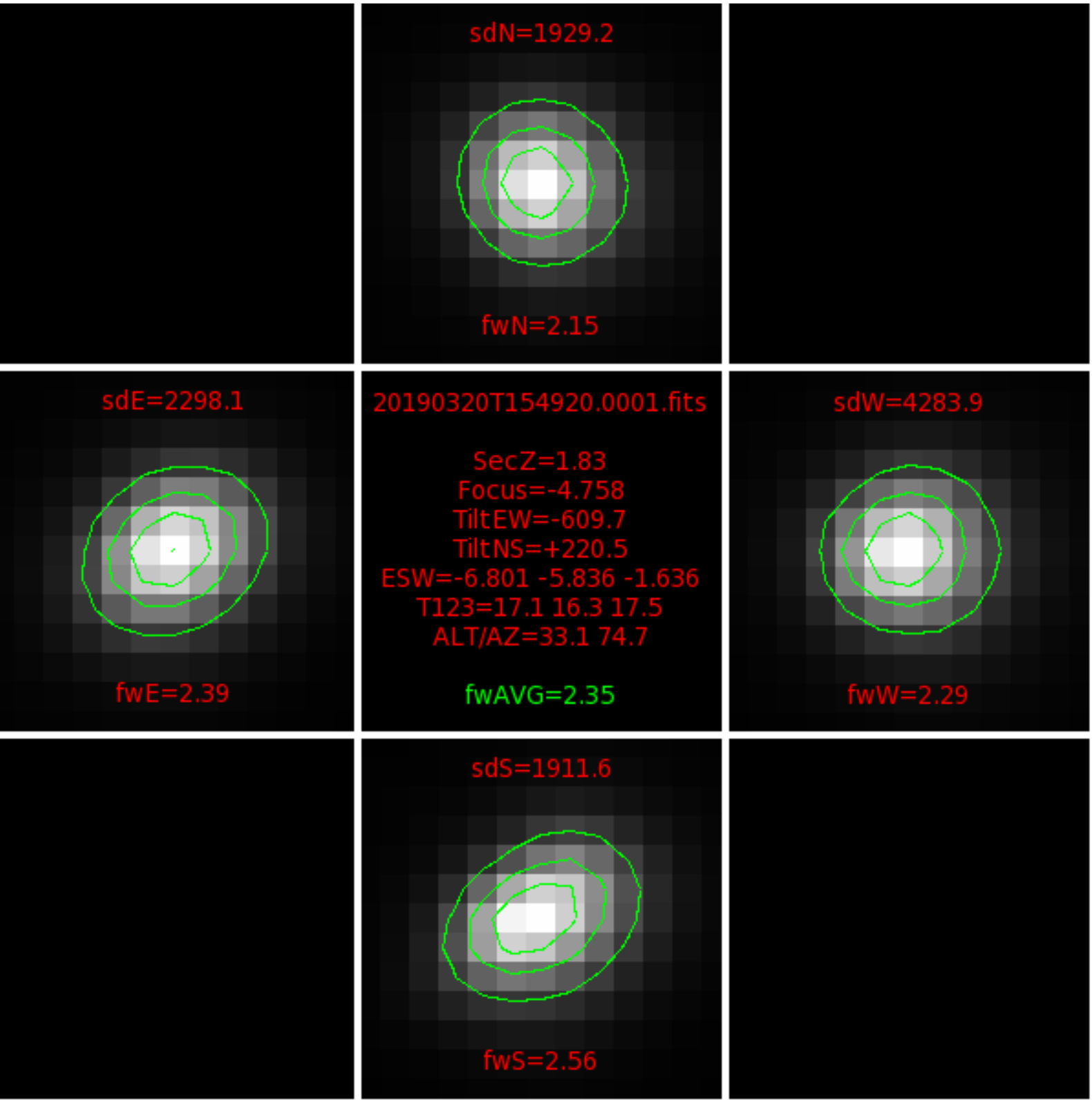
sdN=1929.2
fwN=2.15
sdE=2298.1
fwE=2.39
20190320T154920.0001.fits
SecZ=1.83
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=17.1 16.3 17.5
ALT/AZ=33.1 74.7
fwAVG=2.35
sdW=4283.9
fwW=2.29
sdS=1911.6
fwS=2.56
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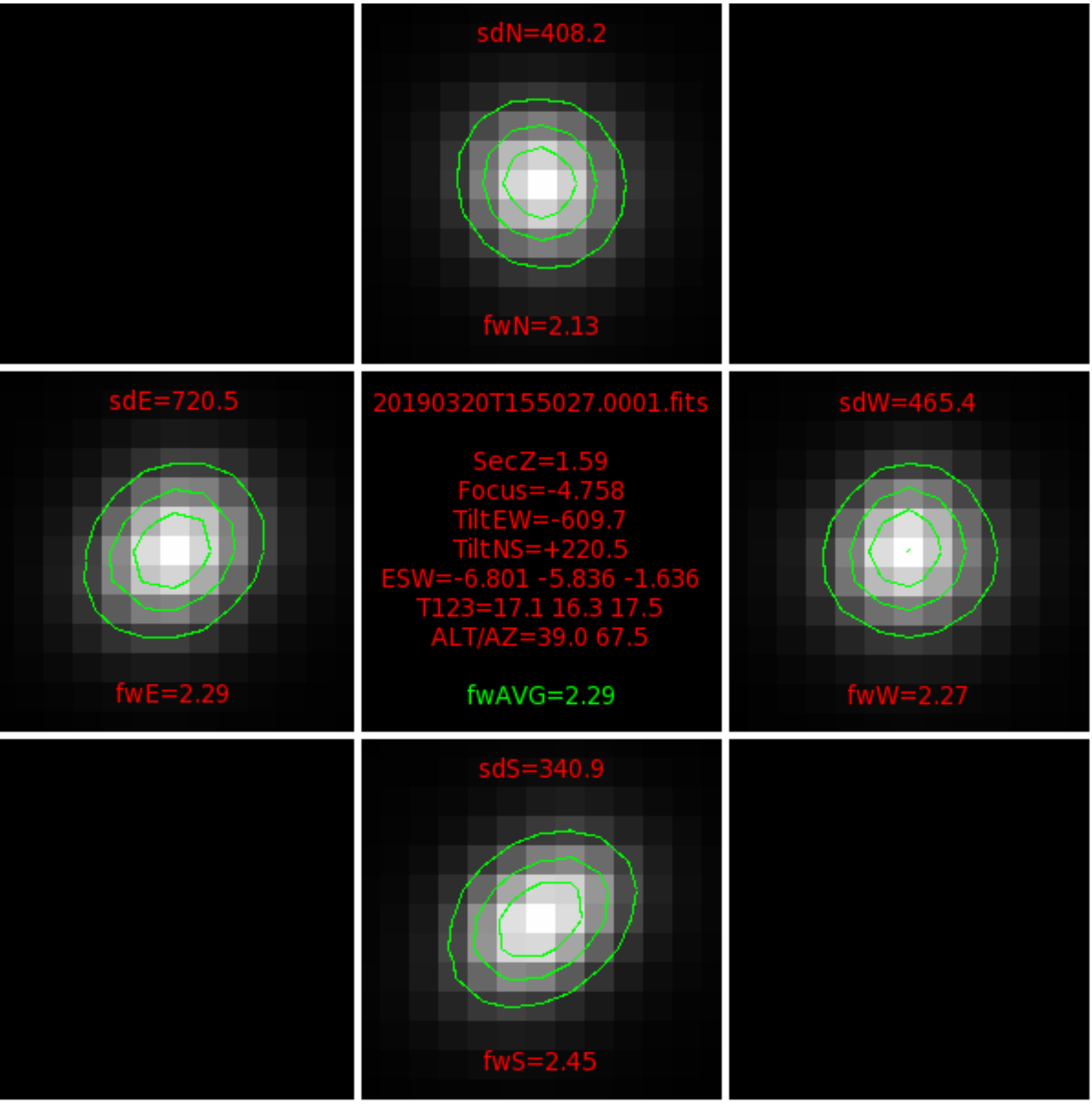
sdN=408.2
fwN=2.13
sdE=720.5
fwE=2.29
20190320T155027.0001.fits
SecZ=1.59
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=17.1 16.3 17.5
ALT/AZ=39.0 67.5
fwAVG=2.29
sdW=465.4
fwW=2.27
sdS=340.9
fwS=2.45
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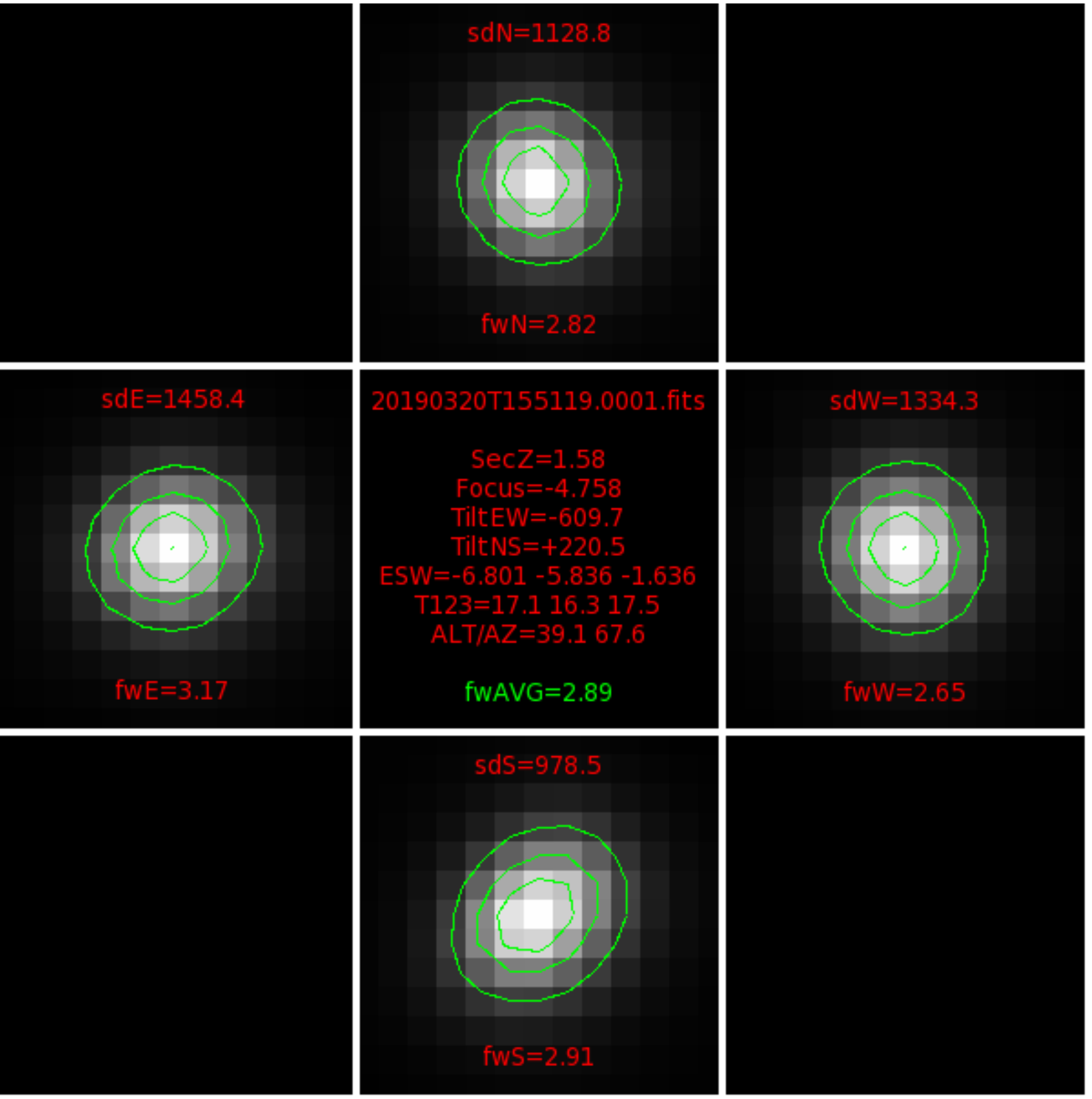
sdN=1128.8
fwN=2.82
sdE=1458.4
fwE=3.17
20190320T155119.0001.fits
SecZ=1.58
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=17.1 16.3 17.5
ALT/AZ=39.1 67.6
fwAVG=2.89
sdW=1334.3
fwW=2.65
sdS=978.5
fwS=2.91
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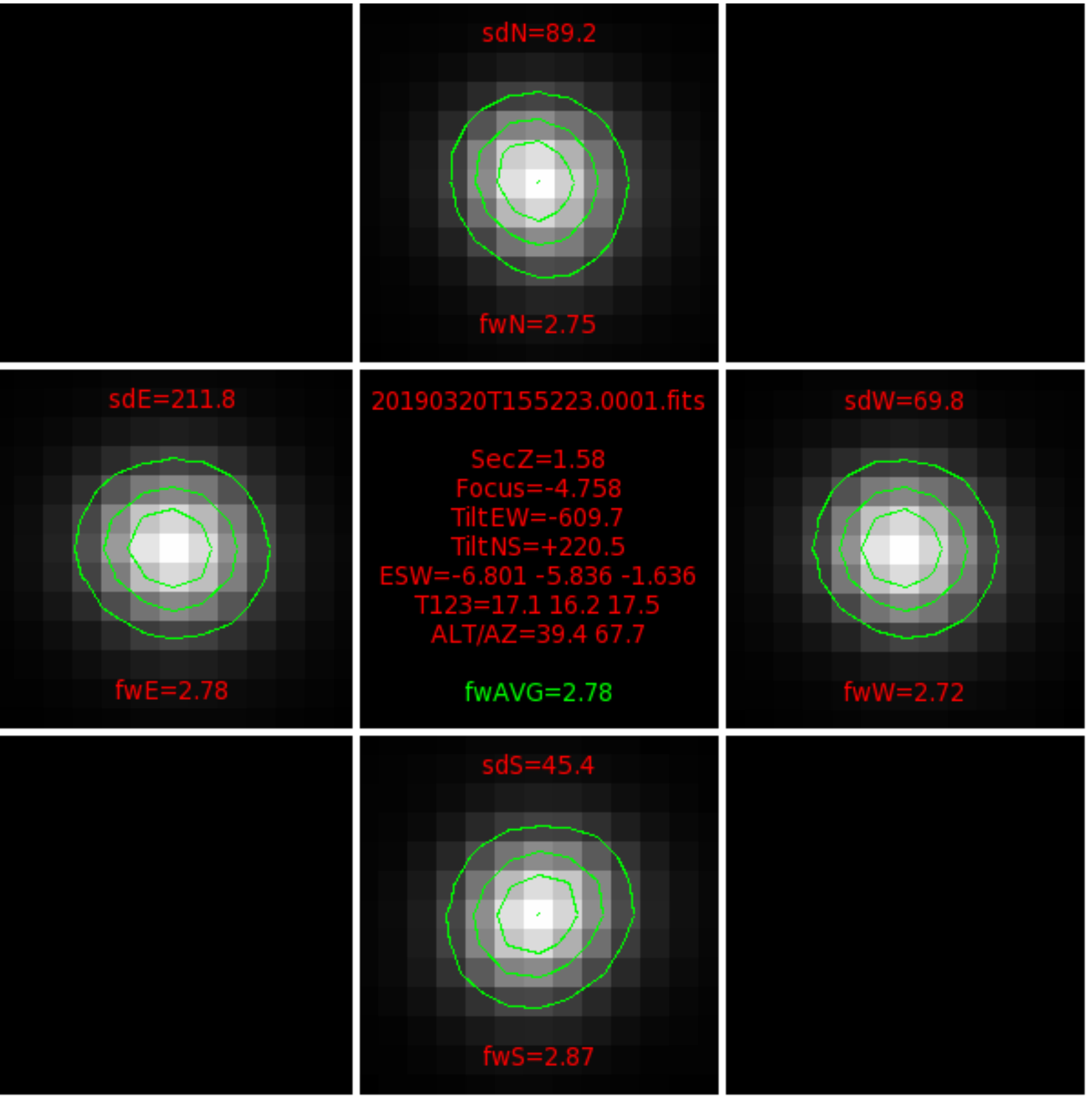
sdN=89.2
fwN=2.75
sdE=211.8
fwE=2.78
20190320T155223.0001.fits
SecZ=1.58
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=17.1 16.2 17.5
ALT/AZ=39.4 67.7
fwAVG=2.78
sdW=69.8
fwW=2.72
sdS=45.4
fwS=2.87
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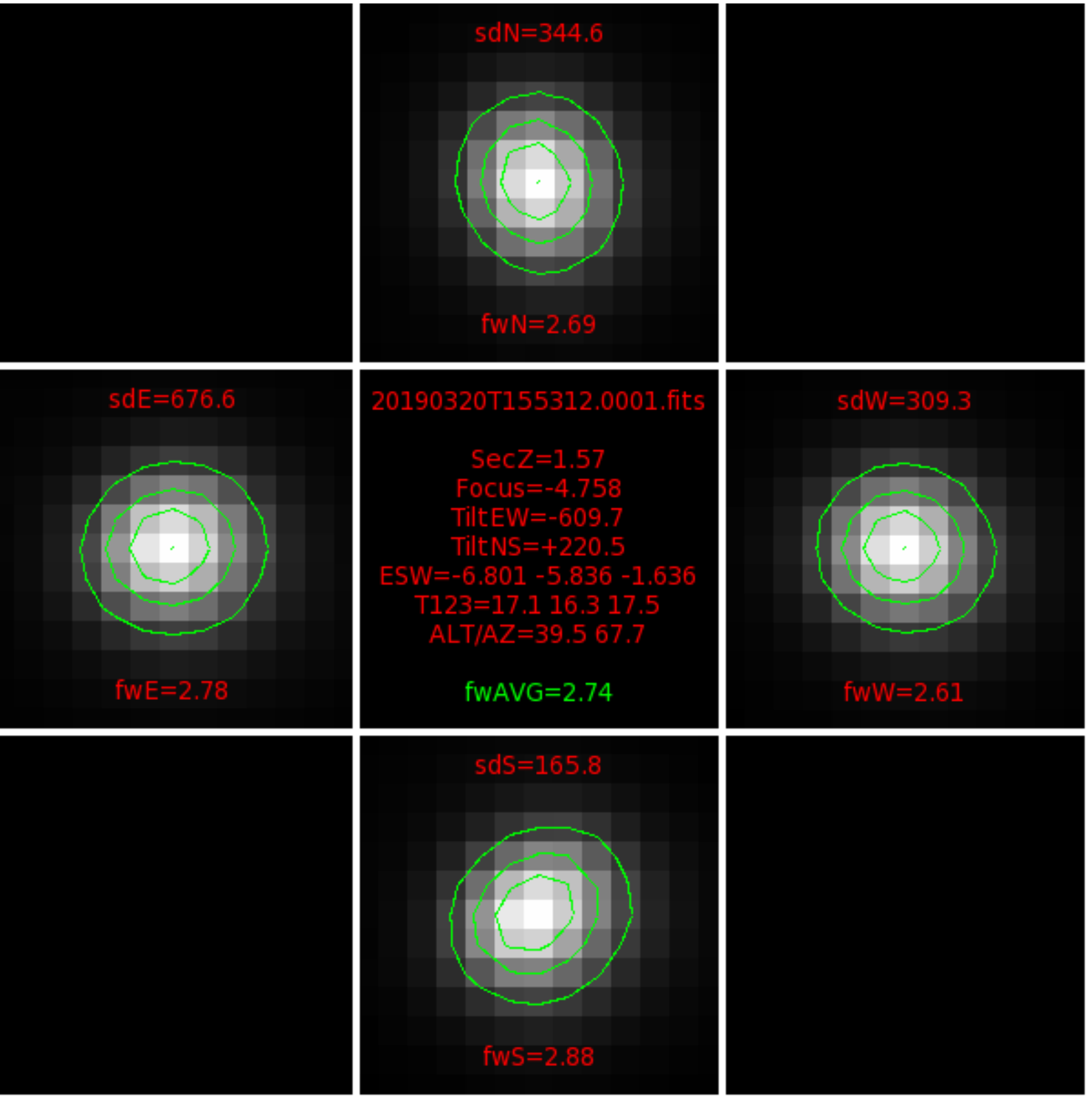
sdN=344.6
fwN=2.69
sdE=676.6
fwE=2.78
20190320T155312.0001.fits
SecZ=1.57
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=17.1 16.3 17.5
ALT/AZ=39.5 67.7
fwAVG=2.74
sdW=309.3
fwW=2.61
sdS=165.8
fwS=2.88
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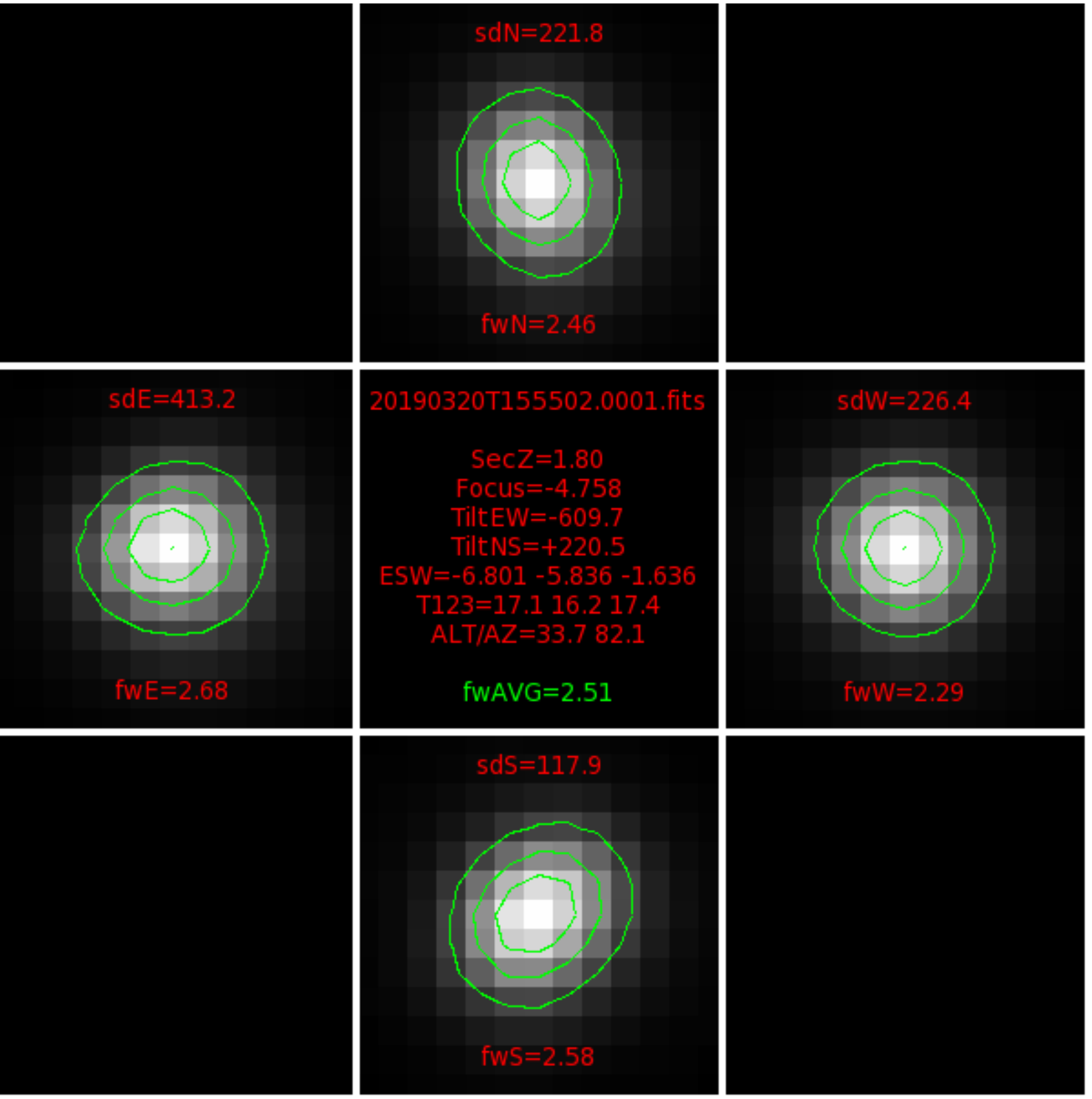
sdN=221.8
fwN=2.46
sdE=413.2
fwE=2.68
20190320T155502.0001.fits
SecZ=1.80
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=17.1 16.2 17.4
ALT/AZ=33.7 82.1
fwAVG=2.51
sdW=226.4
fwW=2.29
sdS=117.9
fwS=2.58
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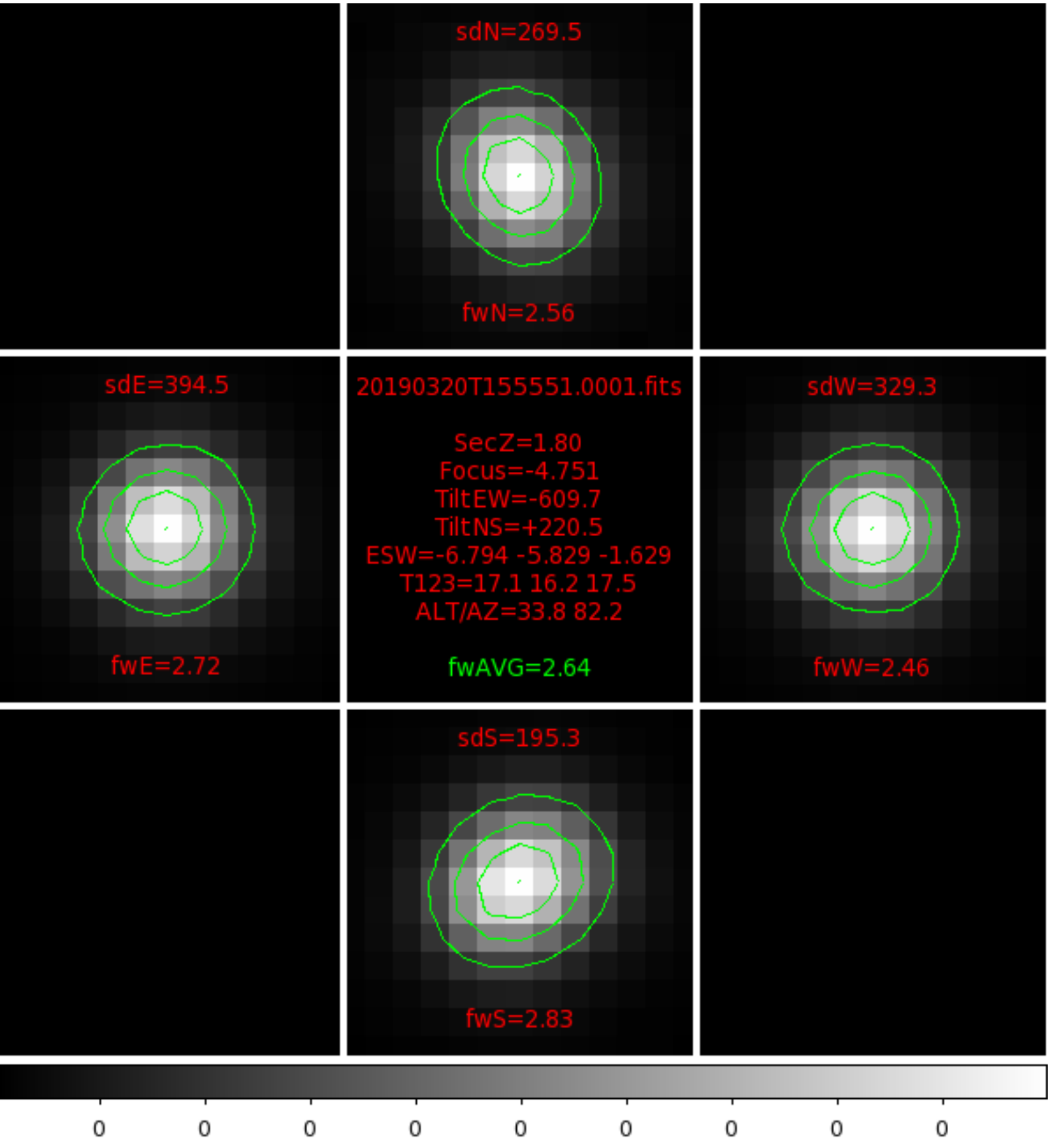
sdN=269.5
fwN=2.56
sdE=394.5
fwE=2.72
20190320T155551.0001.fits
SecZ=1.80
Focus=-4.751
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.794 -5.829 -1.629
T123=17.1 16.2 17.5
ALT/AZ=33.8 82.2
fwAVG=2.64
sdW=329.3
fwW=2.46
sdS=195.3
fwS=2.83
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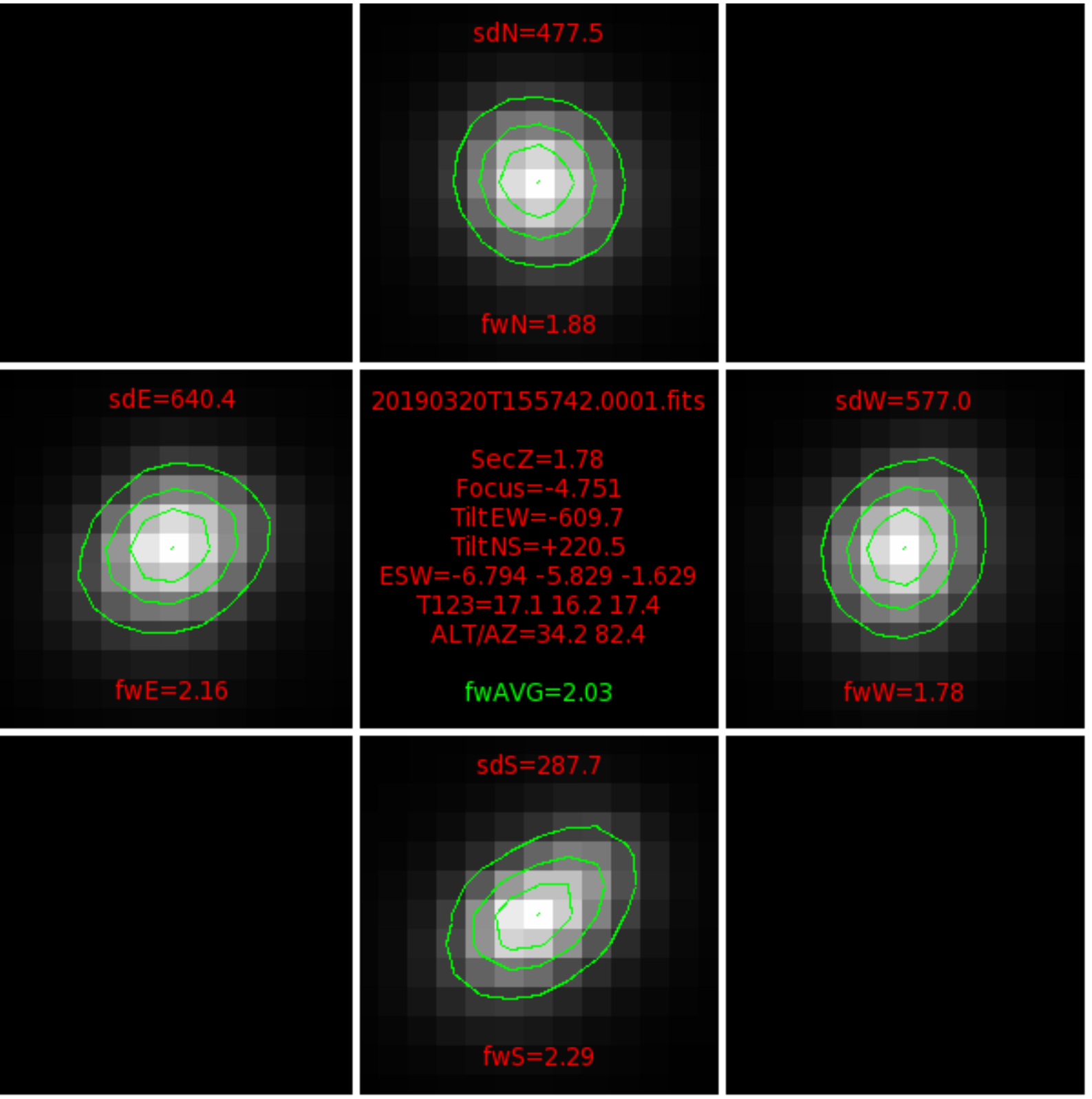
sdN=477.5
fwN=1.88
sdE=640.4
fwE=2.16
20190320T155742.0001.fits
SecZ=1.78
Focus=-4.751
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.794 -5.829 -1.629
T123=17.1 16.2 17.4
ALT/AZ=34.2 82.4
fwAVG=2.03
sdW=577.0
fwW=1.78
sdS=287.7
fwS=2.29
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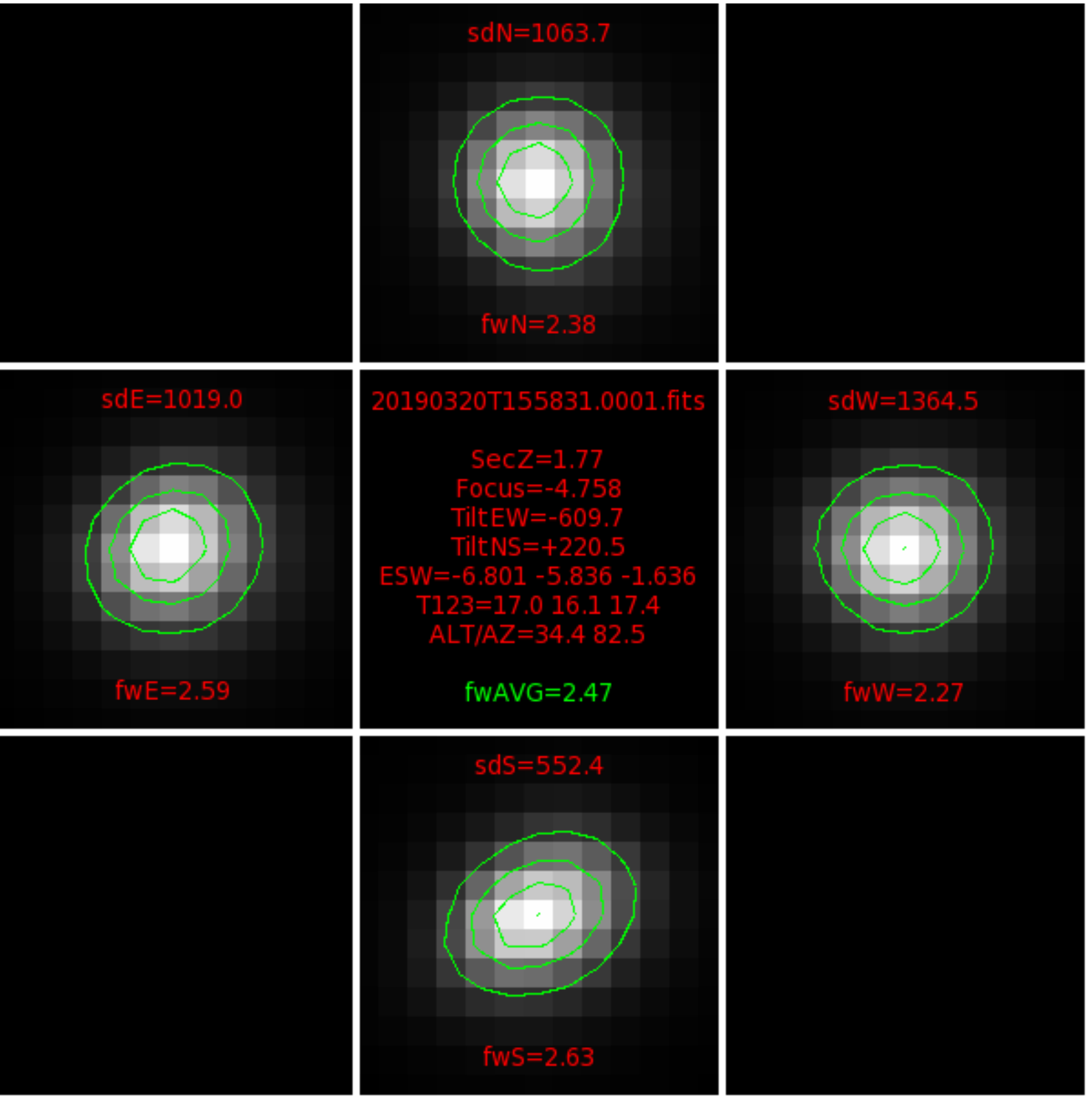
sdN=1063.7
fwN=2.38
sdE=1019.0
fwE=2.59
20190320T155831.0001.fits
SecZ=1.77
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=17.0 16.1 17.4
ALT/AZ=34.4 82.5
fwAVG=2.47
sdW=1364.5
fwW=2.27
sdS=552.4
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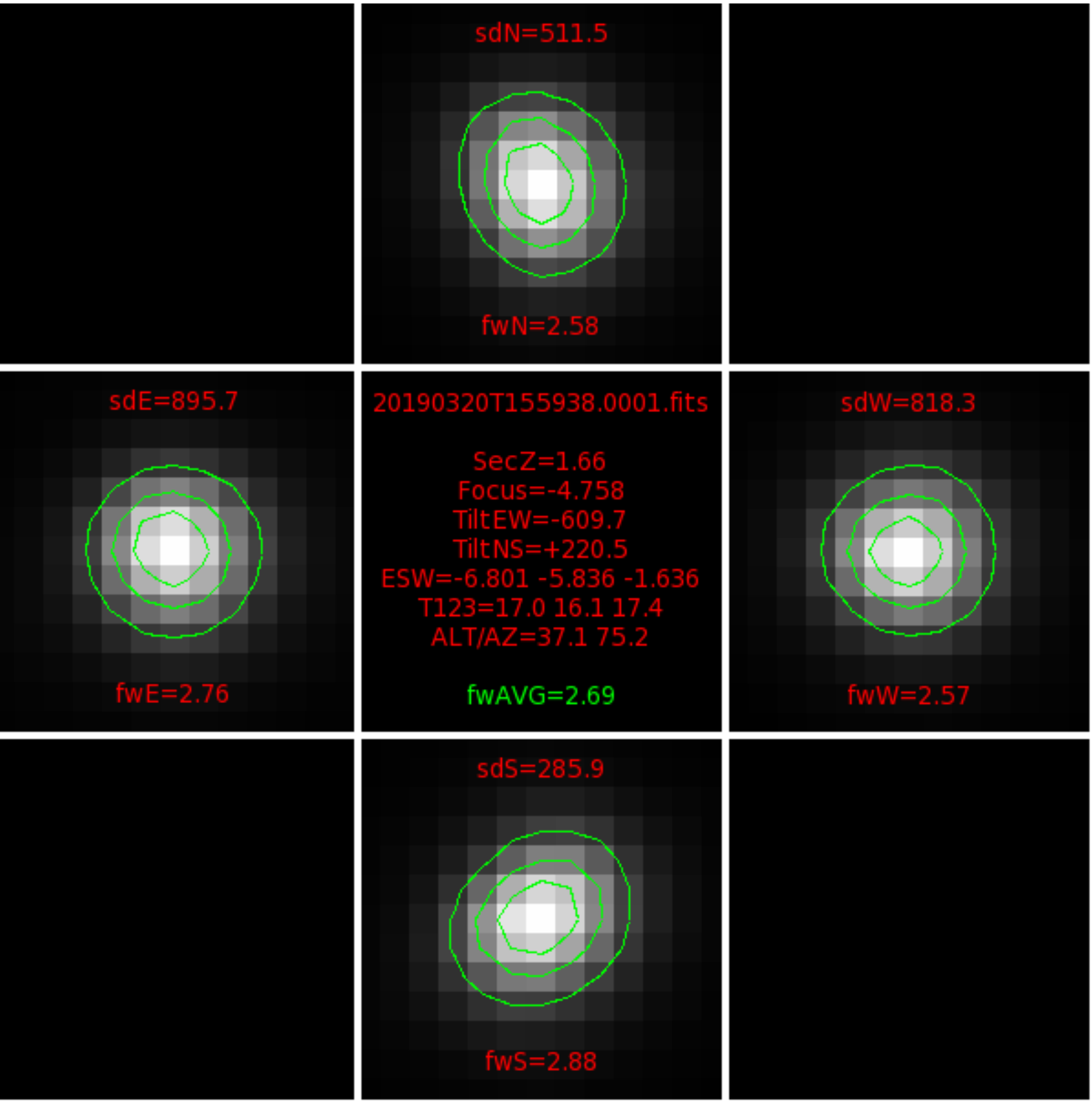
sdN=511.5
fwN=2.58
sdE=895.7
fwE=2.76
20190320T155938.0001.fits
SecZ=1.66
Focus=-4.758
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.801 -5.836 -1.636
T123=17.0 16.1 17.4
ALT/AZ=37.1 75.2
fwAVG=2.69
sdW=818.3
fwW=2.57
sdS=285.9
fwS=2.88
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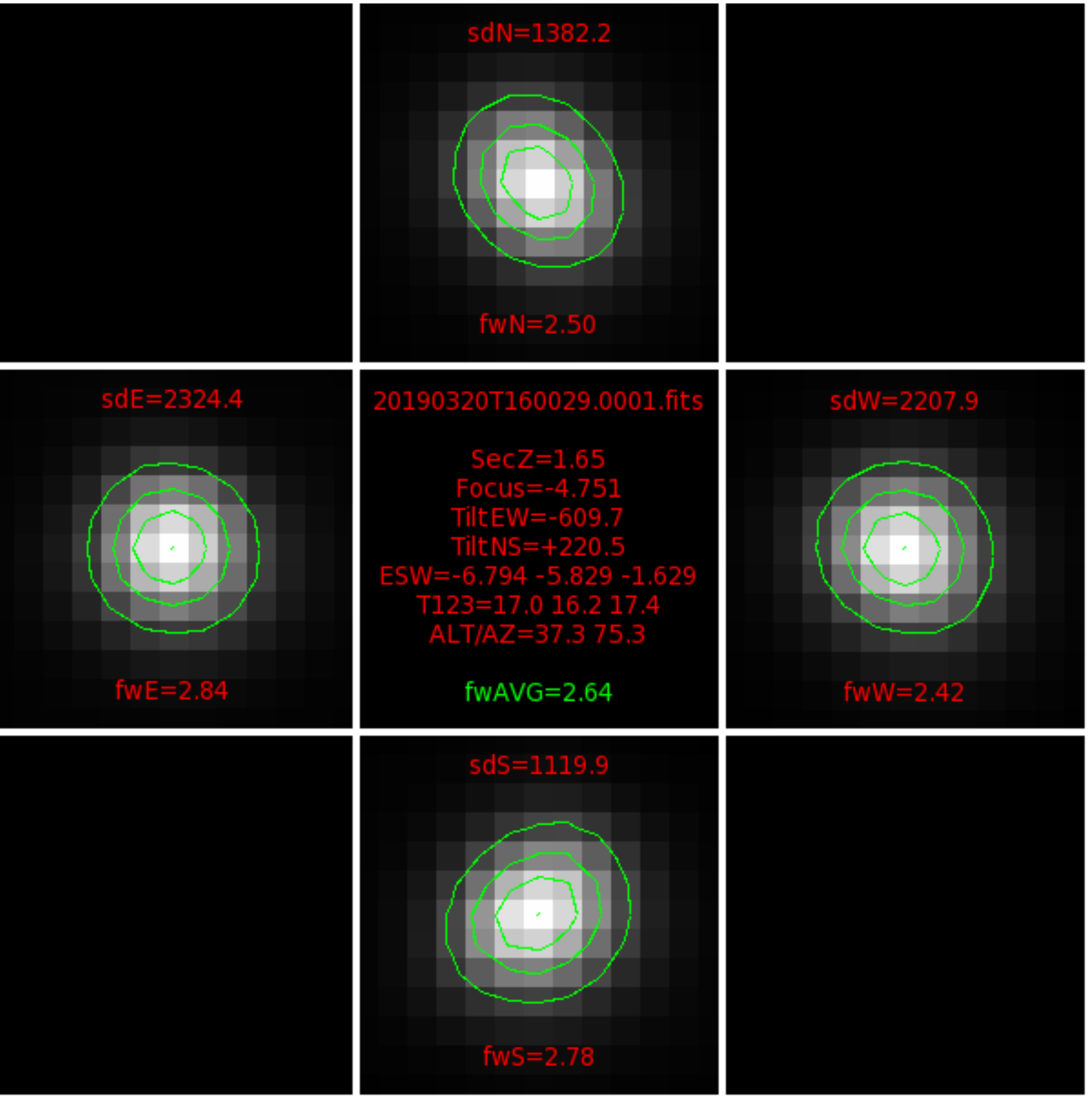
sdN=1382.2
fwN=2.50
sdE=2324.4
fwE=2.84
20190320T160029.0001.fits
SecZ=1.65
Focus=-4.751
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.794 -5.829 -1.629
T123=17.0 16.2 17.4
ALT/AZ=37.3 75.3
fwAVG=2.64
sdW=2207.9
fwW=2.42
sdS=1119.9
fwS=2.78
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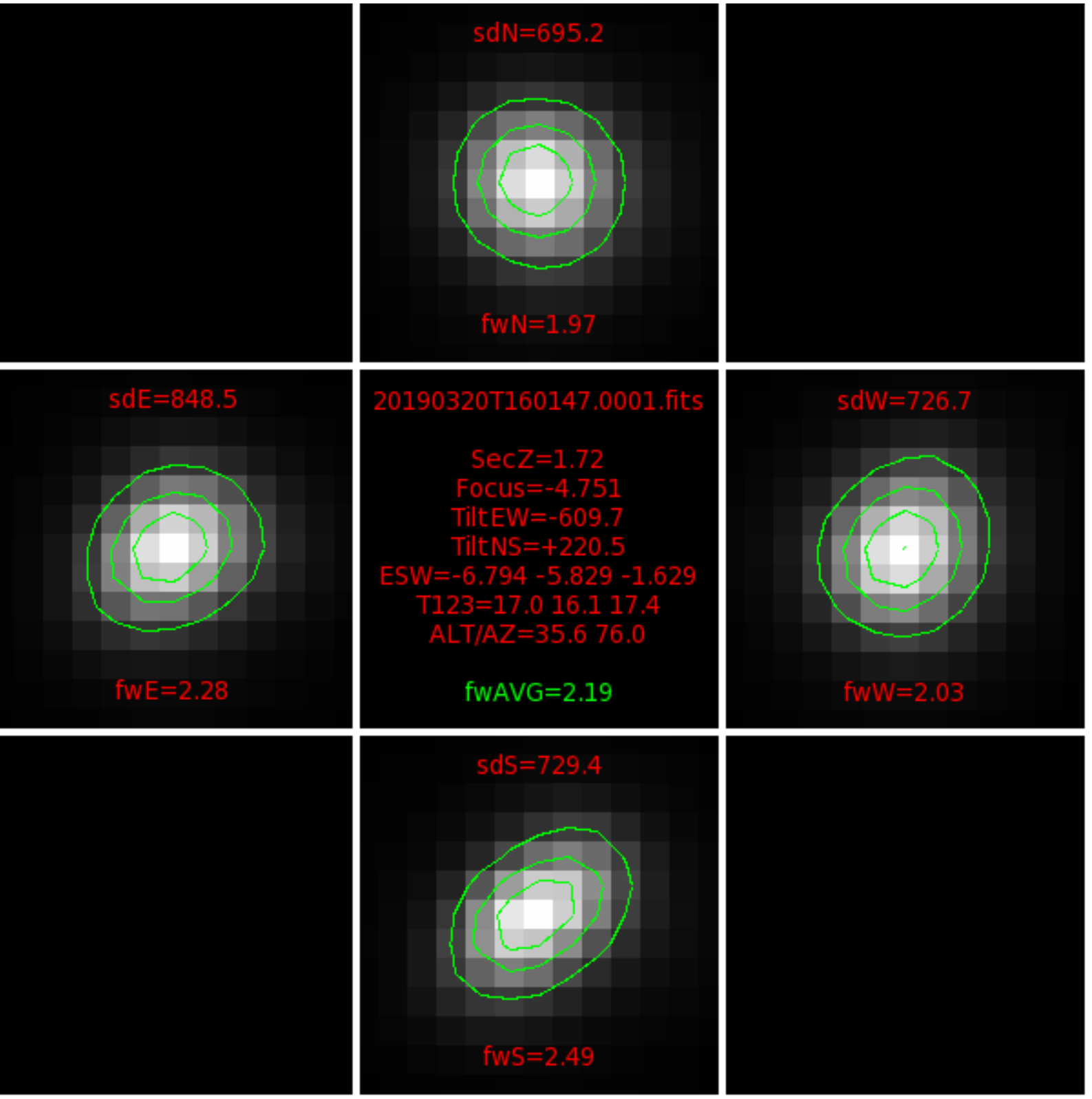
sdN=695.2
fwN=1.97
sdE=848.5
fwE=2.28
20190320T160147.0001.fits
SecZ=1.72
Focus=-4.751
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.794 -5.829 -1.629
T123=17.0 16.1 17.4
ALT/AZ=35.6 76.0
fwAVG=2.19
sdW=726.7
fwW=2.03
sdS=729.4
fwS=2.49
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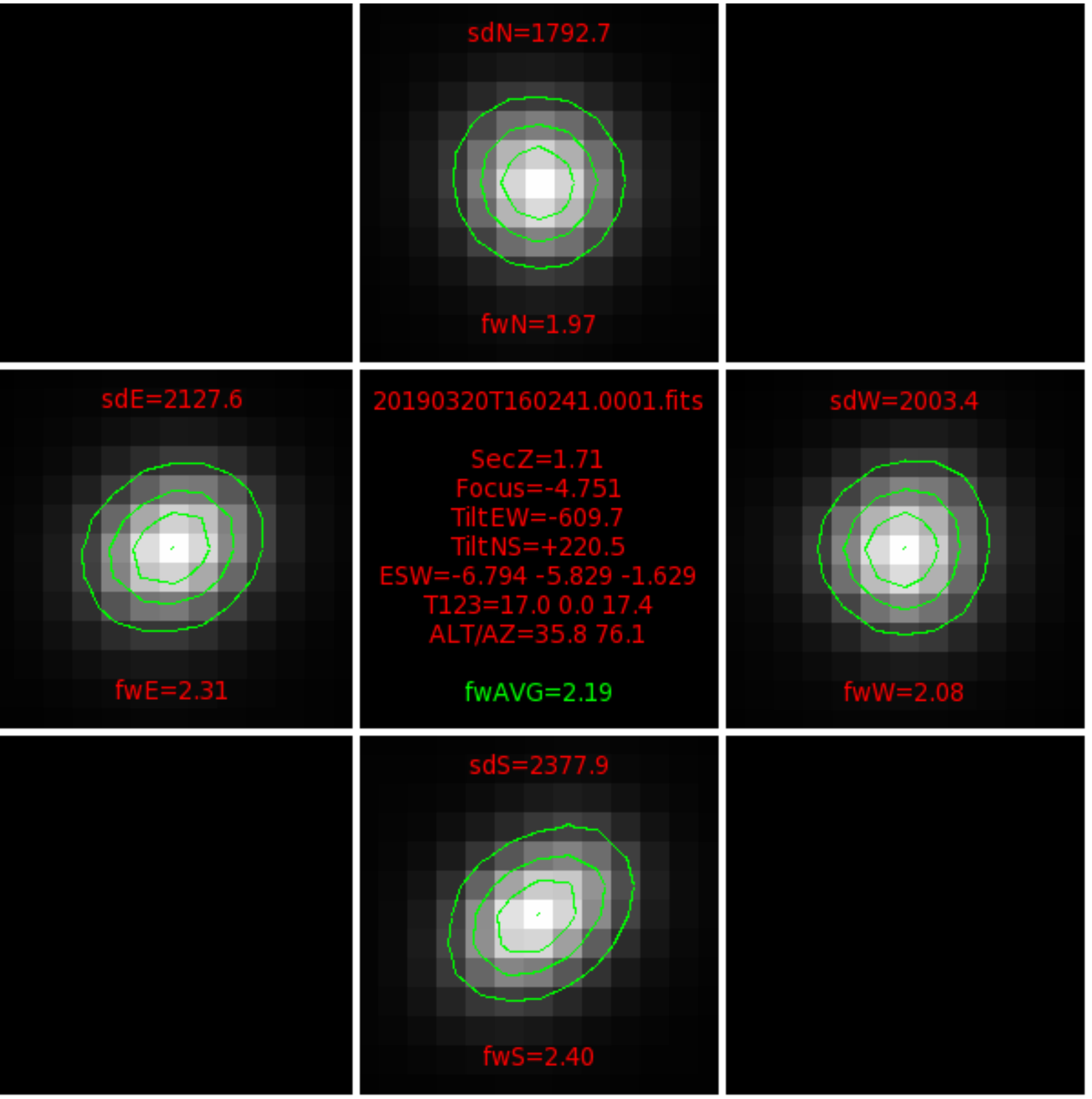
sdN=1792.7
fwN=1.97
sdE=2127.6
fwE=2.31
20190320T160241.0001.fits
SecZ=1.71
Focus=-4.751
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.794 -5.829 -1.629
T123=17.0 0.0 17.4
ALT/AZ=35.8 76.1
fwAVG=2.19
sdW=2003.4
fwW=2.08
sdS=2377.9
fwS=2.40
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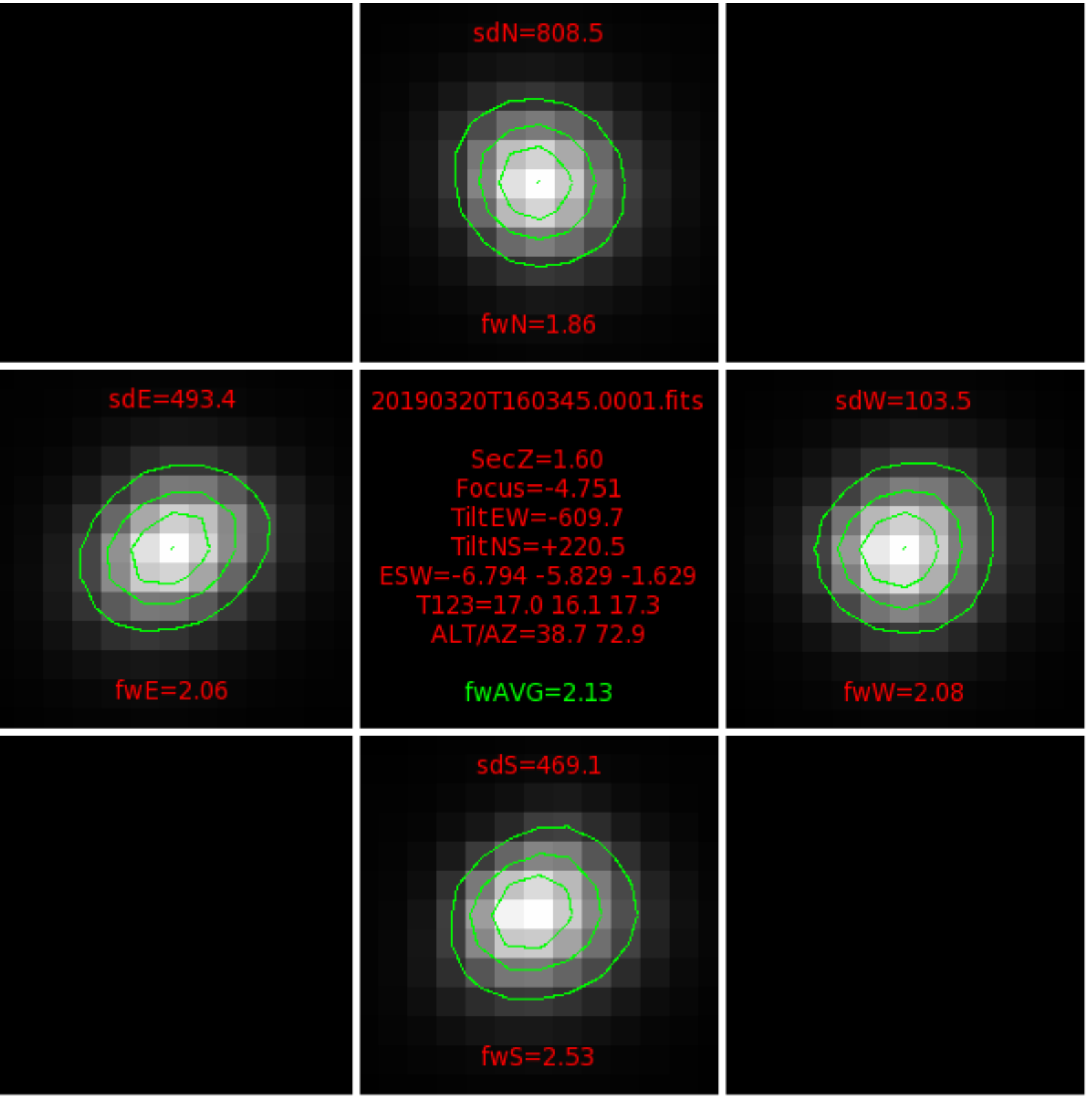
sdN=808.5
fwN=1.86
sdE=493.4
fwE=2.06
20190320T160345.0001.fits
SecZ=1.60
Focus=-4.751
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.794 -5.829 -1.629
T123=17.0 16.1 17.3
ALT/AZ=38.7 72.9
fwAVG=2.13
sdW=103.5
fwW=2.08
sdS=469.1
fwS=2.53
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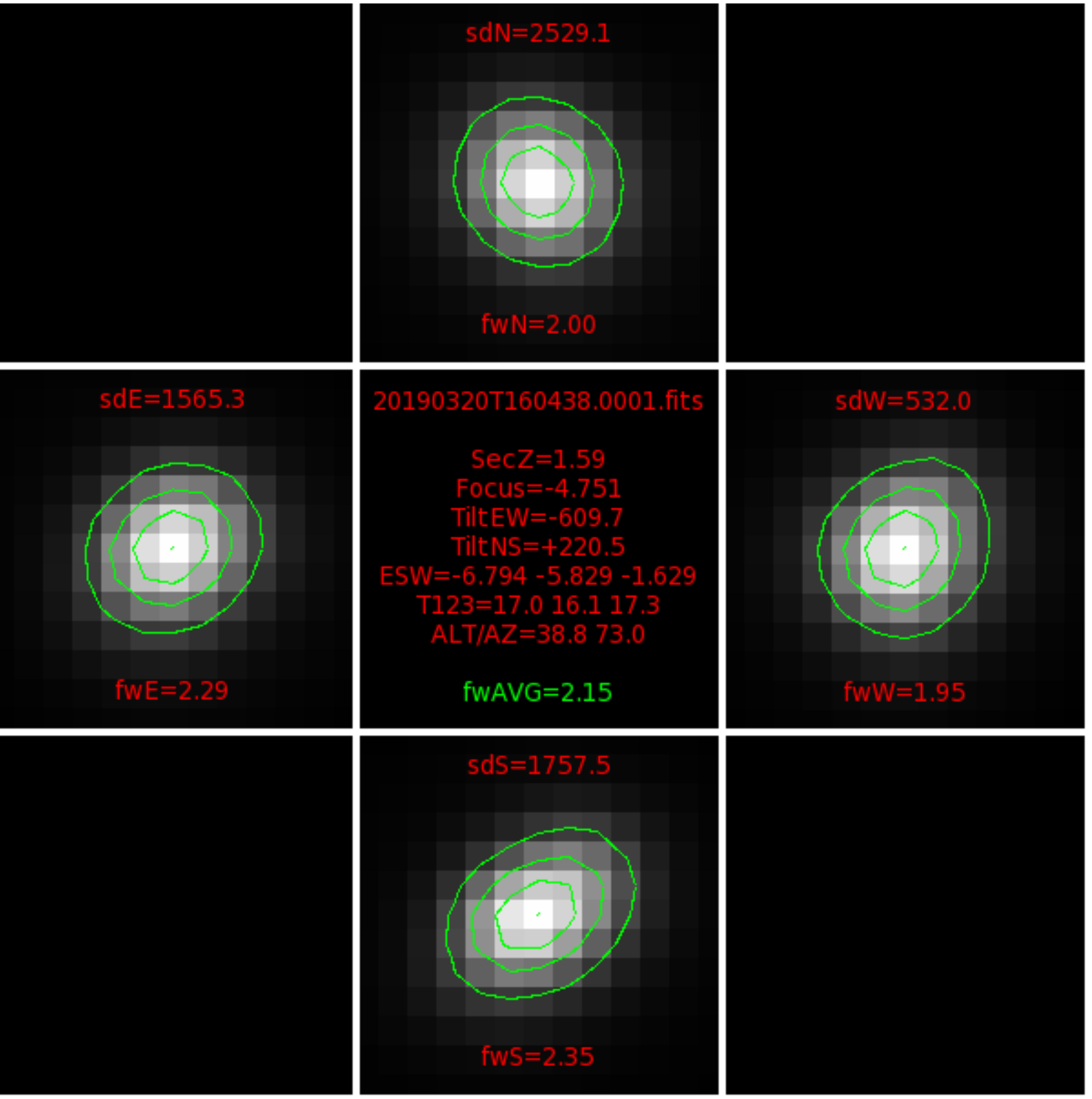
sdN=2529.1
fwN=2.00
sdE=1565.3
fwE=2.29
20190320T160438.0001.fits
SecZ=1.59
Focus=-4.751
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.794 -5.829 -1.629
T123=17.0 16.1 17.3
ALT/AZ=38.8 73.0
fwAVG=2.15
sdW=532.0
fwW=1.95
sdS=1757.5
fwS=2.35
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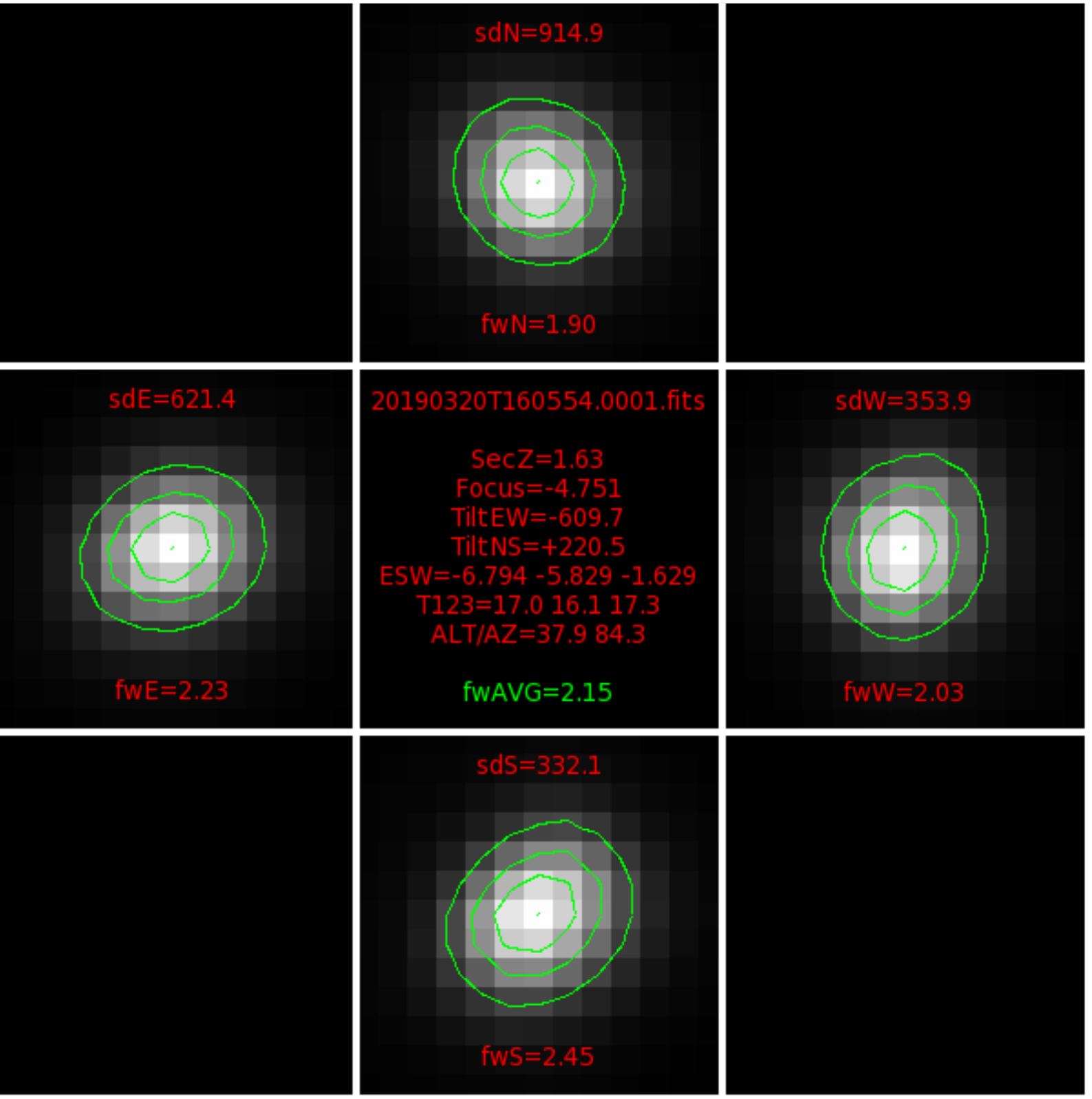
sdN=914.9
fwN=1.90
sdE=621.4
fwE=2.23
20190320T160554.0001.fits
SecZ=1.63
Focus=-4.751
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.794 -5.829 -1.629
T123=17.0 16.1 17.3
ALT/AZ=37.9 84.3
fwAVG=2.15
sdW=353.9
fwW=2.03
sdS=332.1
fwS=2.45
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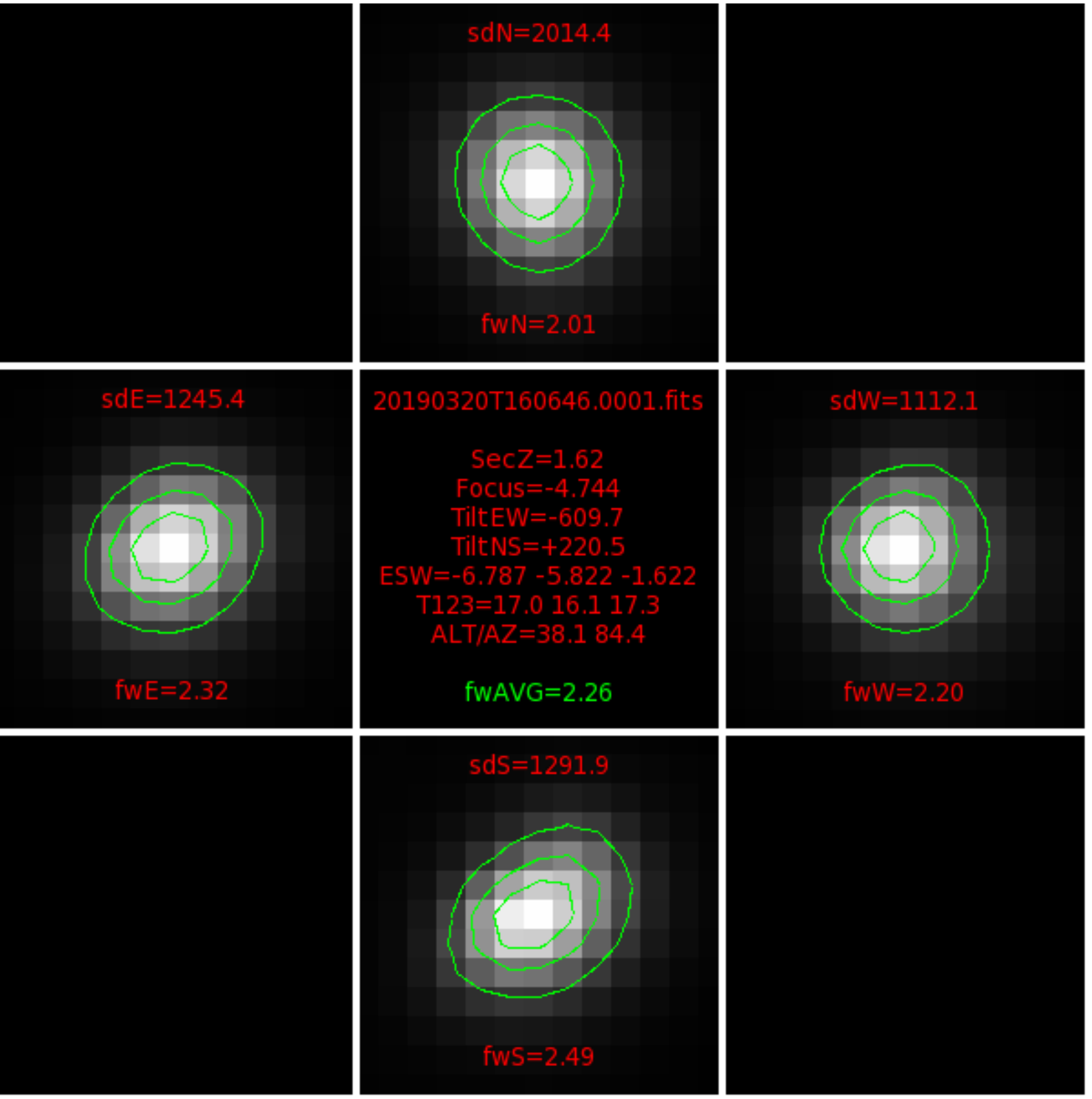
sdN=2014.4
fwN=2.01
sdE=1245.4
fwE=2.32
20190320T160646.0001.fits
SecZ=1.62
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=17.0 16.1 17.3
ALT/AZ=38.1 84.4
fwAVG=2.26
sdW=1112.1
fwW=2.20
sdS=1291.9
fwS=2.49
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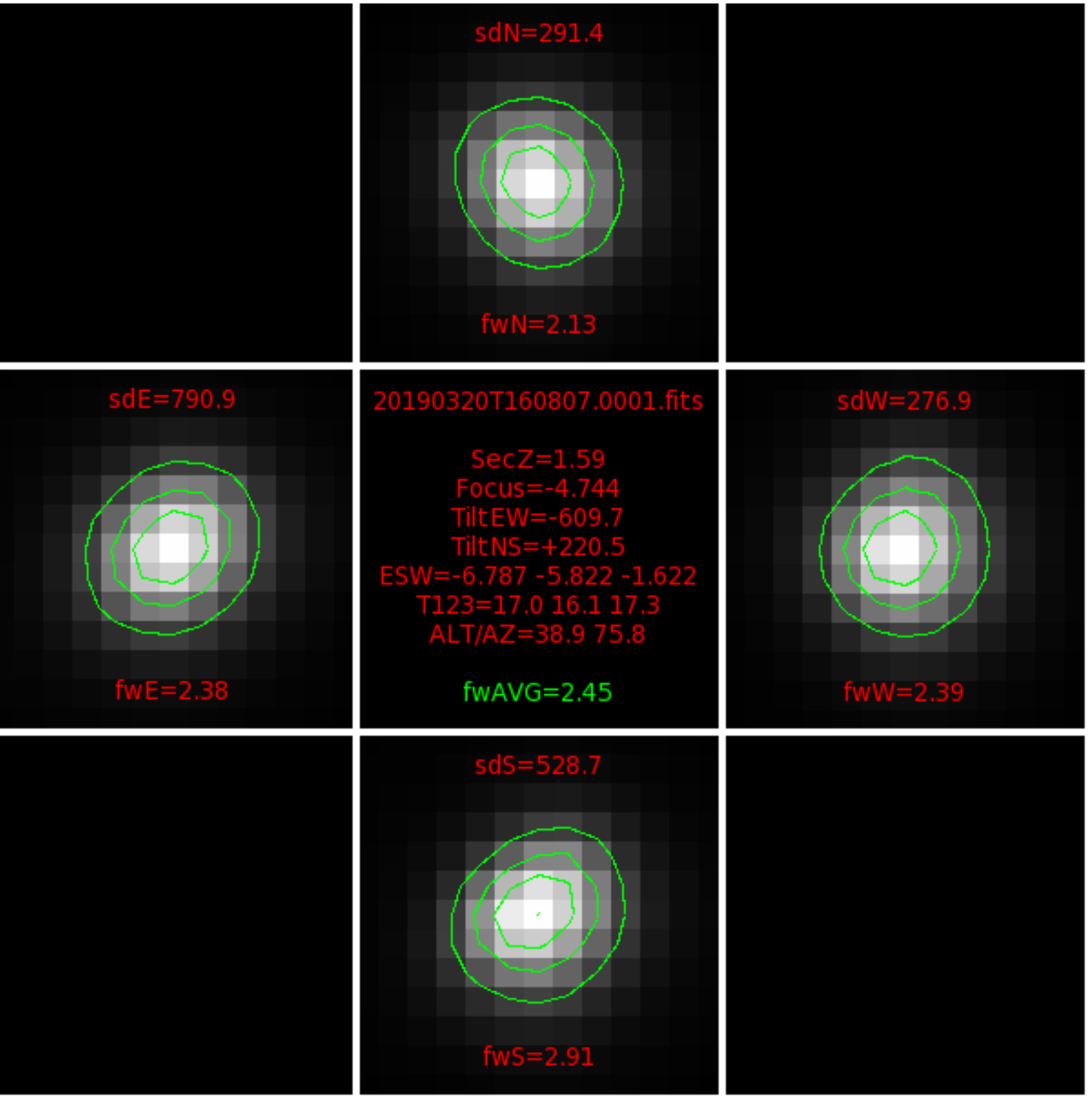
sdN=291.4
fwN=2.13
sdE=790.9
fwE=2.38
20190320T160807.0001.fits
SecZ=1.59
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=17.0 16.1 17.3
ALT/AZ=38.9 75.8
fwAVG=2.45
sdW=276.9
fwW=2.39
sdS=528.7
fwS=2.91
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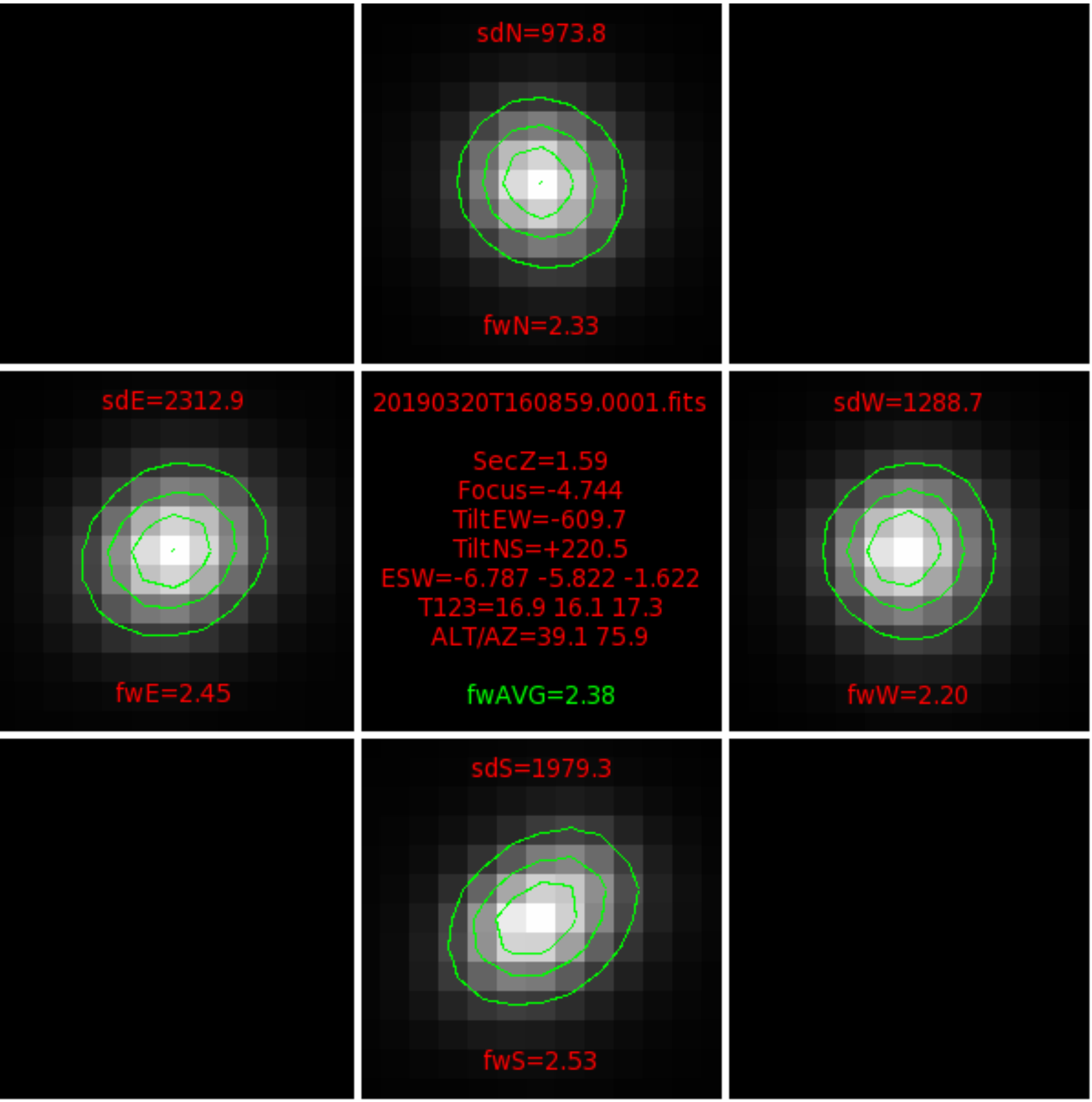
sdN=973.8
fwN=2.33
sdE=2312.9
fwE=2.45
20190320T160859.0001.fits
SecZ=1.59
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=16.9 16.1 17.3
ALT/AZ=39.1 75.9
fwAVG=2.38
sdW=1288.7
fwW=2.20
sdS=1979.3
fwS=2.53
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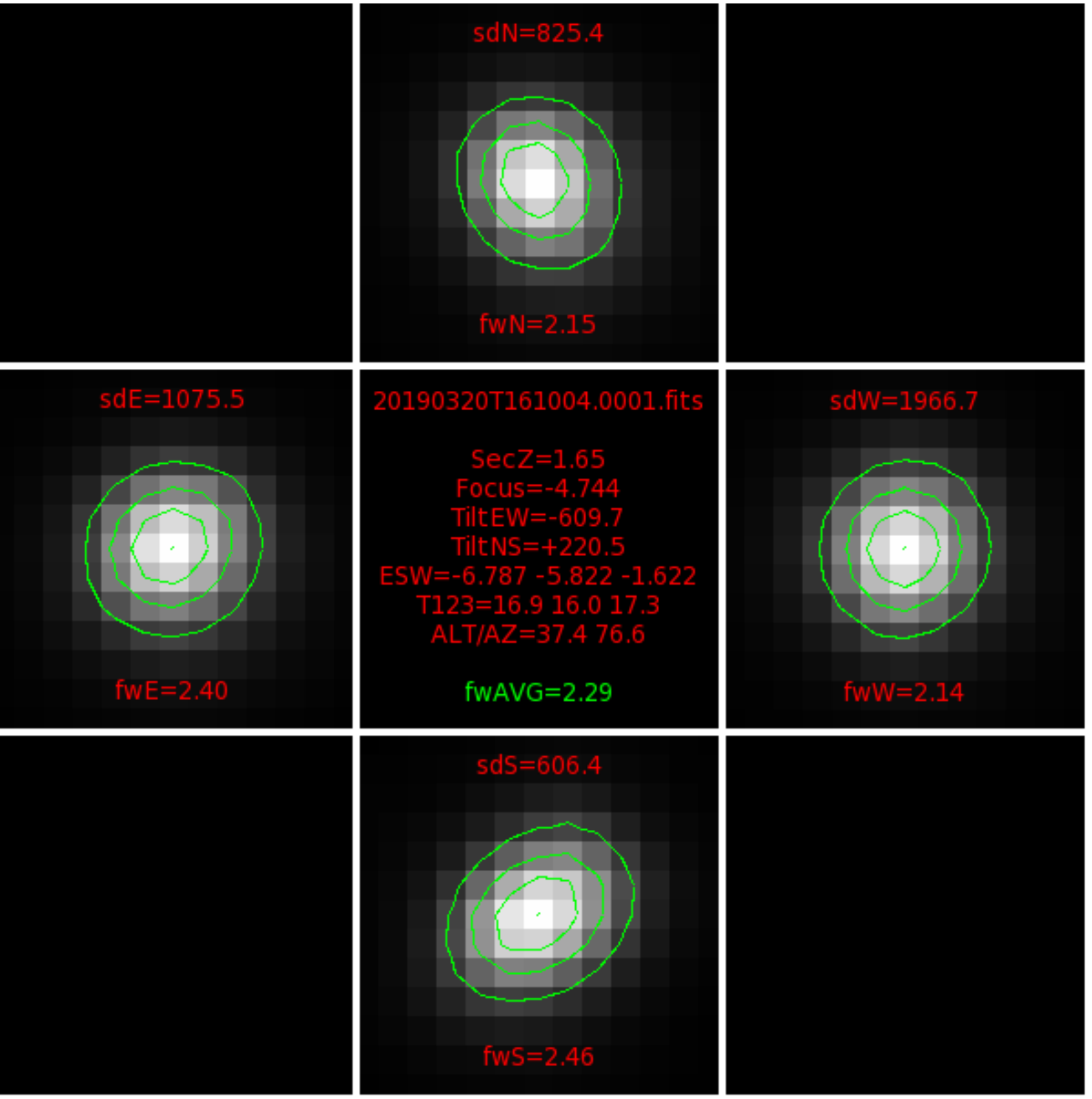
sdN=825.4
fwN=2.15
sdE=1075.5
fwE=2.40
20190320T161004.0001.fits
SecZ=1.65
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=16.9 16.0 17.3
ALT/AZ=37.4 76.6
fwAVG=2.29
sdW=1966.7
fwW=2.14
sdS=606.4
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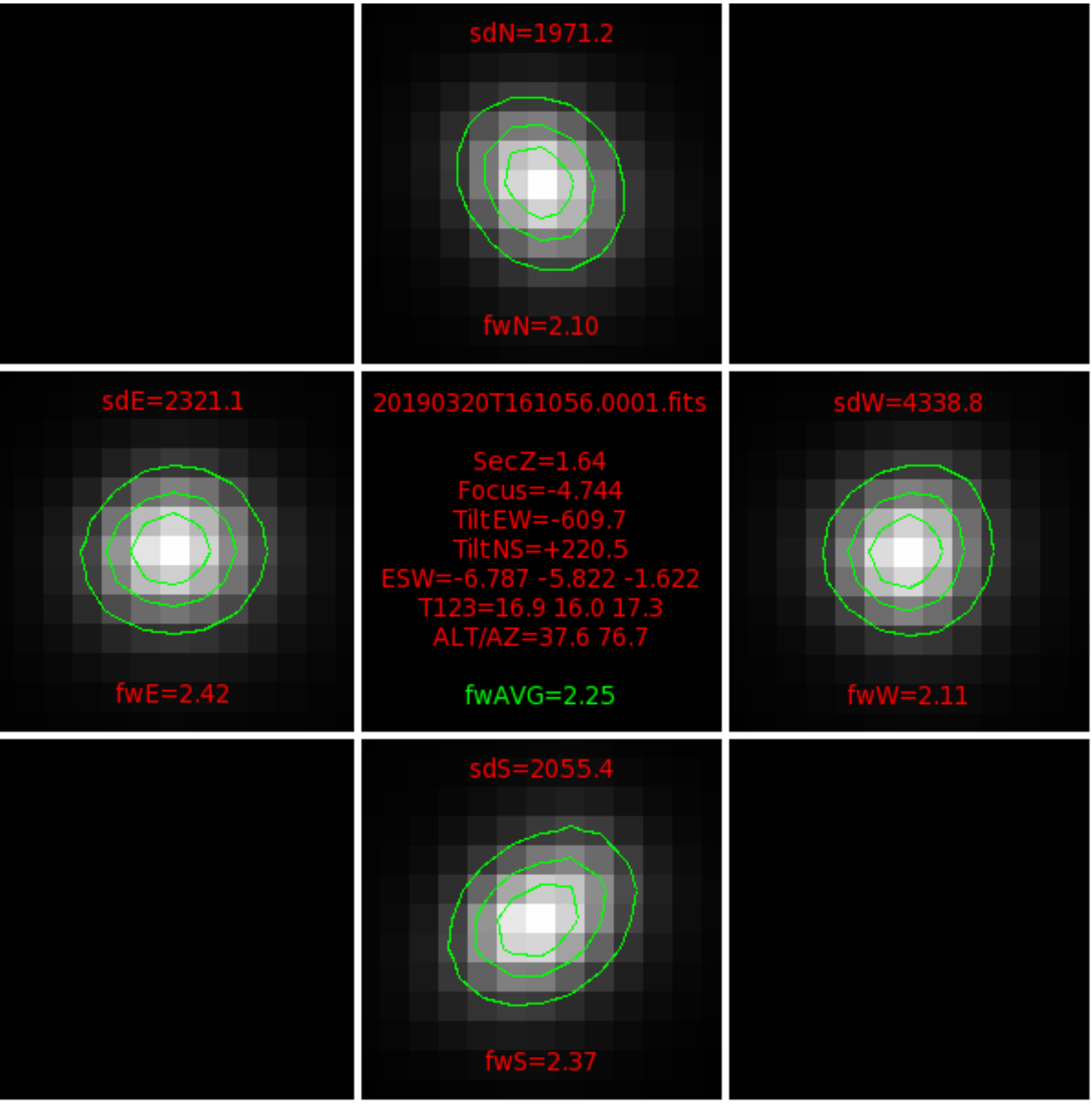
sdN=1971.2
fwN=2.10
sdE=2321.1
fwE=2.42
20190320T161056.0001.fits
SecZ=1.64
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=16.9 16.0 17.3
ALT/AZ=37.6 76.7
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sdW=4338.8
fwW=2.11
sdS=2055.4
fwS=2.37
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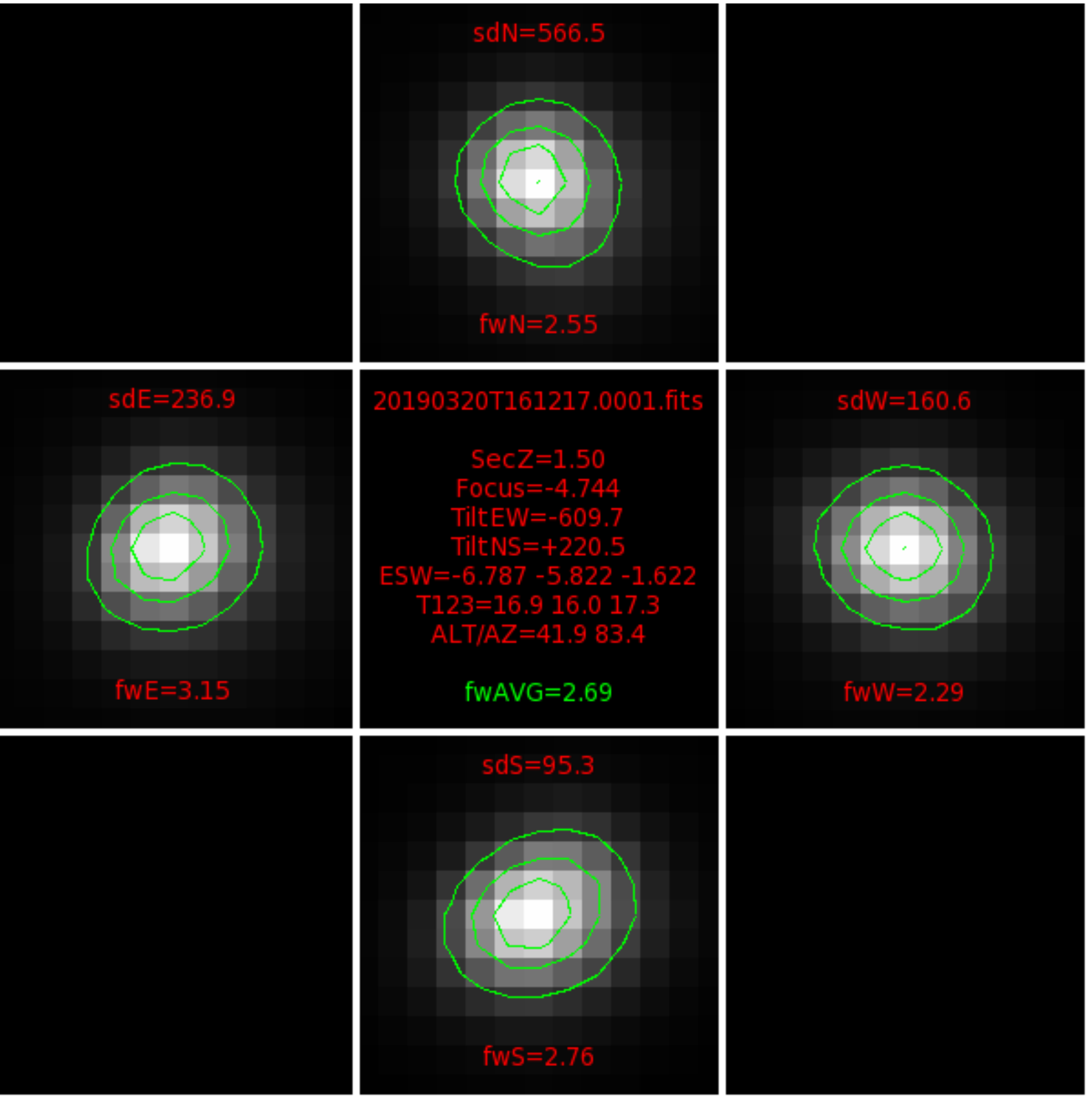
sdN=566.5
fwN=2.55
sdE=236.9
fwE=3.15
20190320T161217.0001.fits
SecZ=1.50
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=16.9 16.0 17.3
ALT/AZ=41.9 83.4
fwAVG=2.69
sdW=160.6
fwW=2.29
sdS=95.3
fwS=2.76
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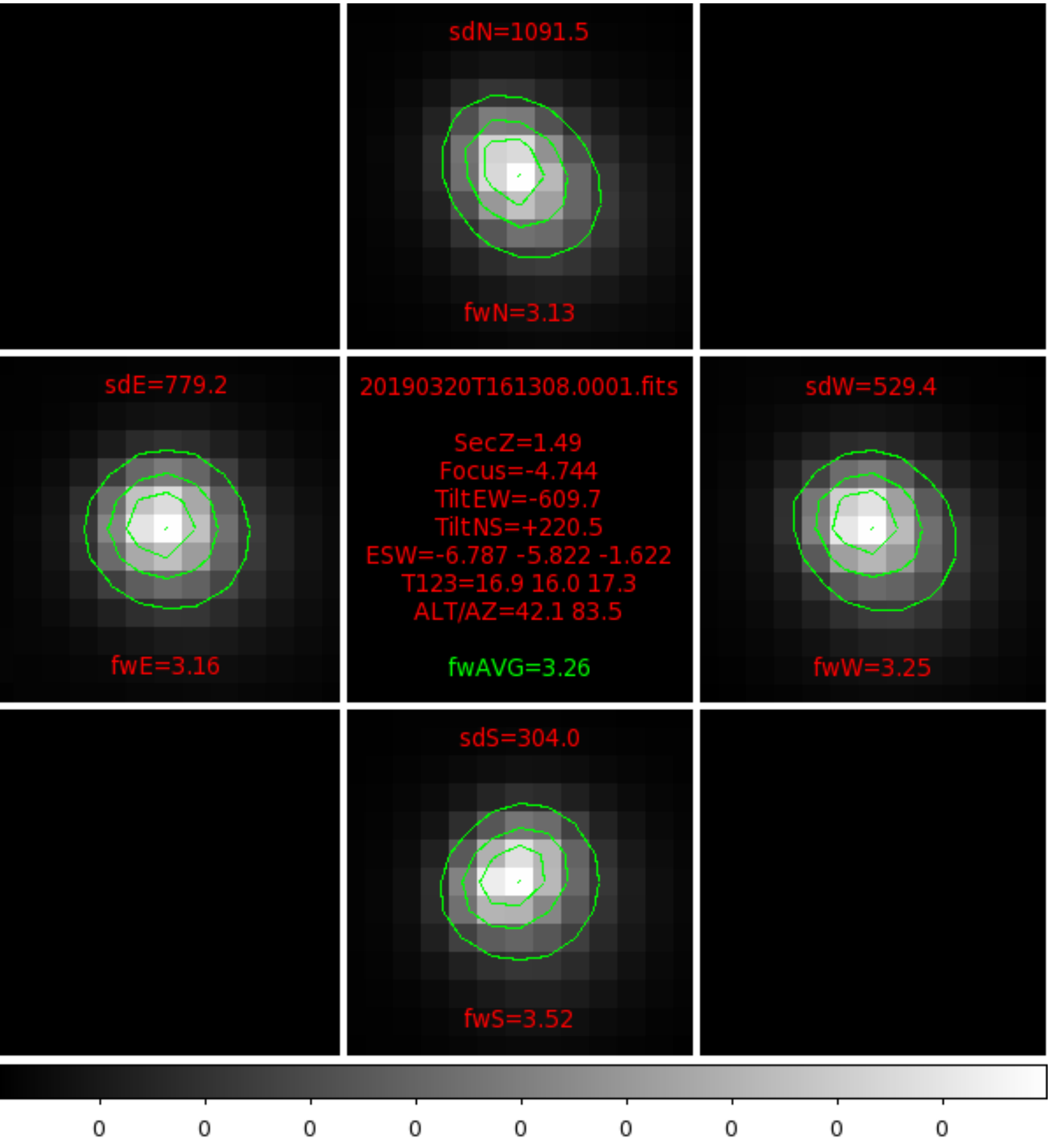
sdN=1091.5
fwN=3.13
sdE=779.2
fwE=3.16
20190320T161308.0001.fits
SecZ=1.49
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=16.9 16.0 17.3
ALT/AZ=42.1 83.5
fwAVG=3.26
sdW=529.4
fwW=3.25
sdS=304.0
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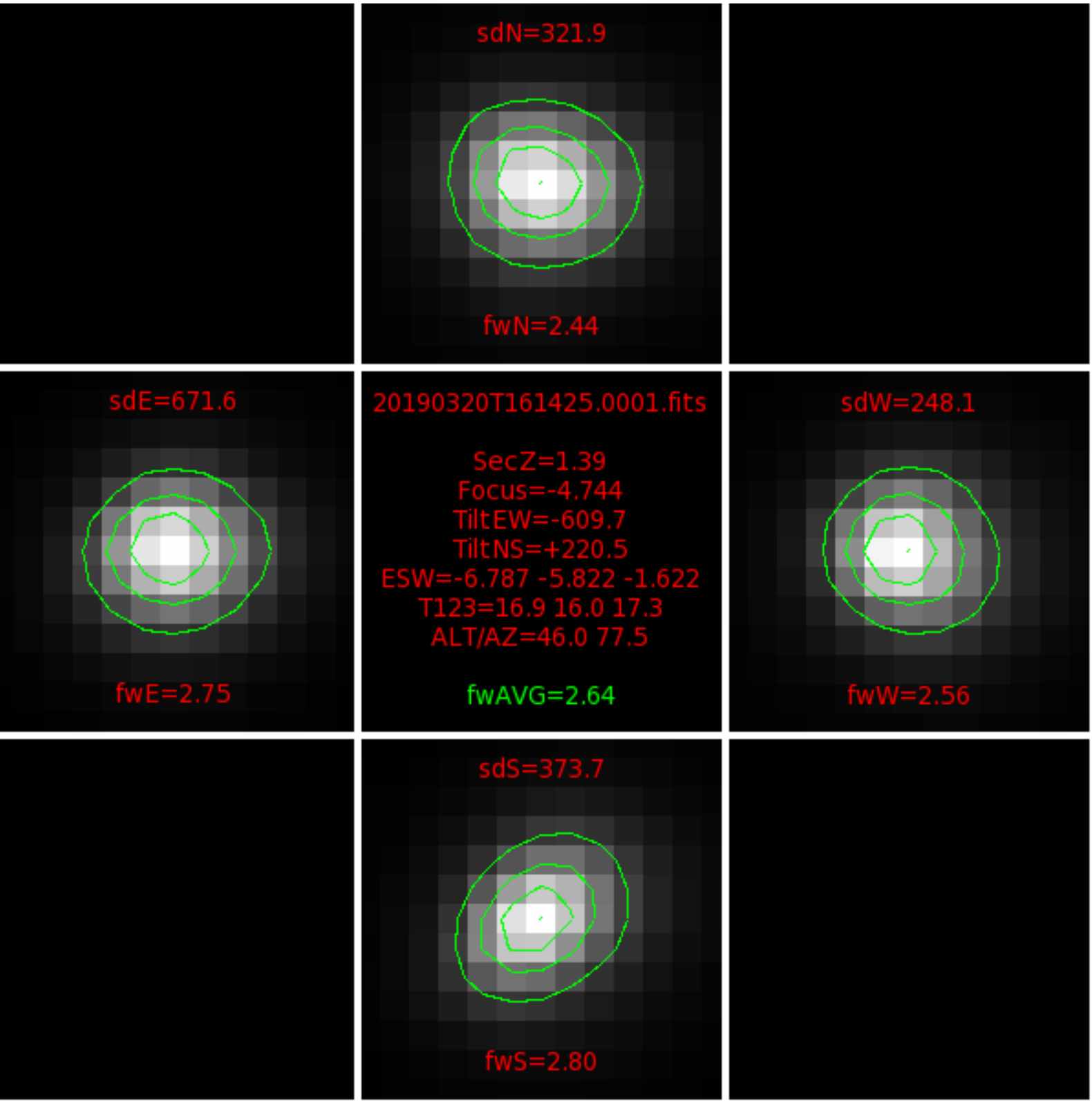
sdN=321.9
fwN=2.44
sdE=671.6
fwE=2.75
20190320T161425.0001.fits
SecZ=1.39
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=16.9 16.0 17.3
ALT/AZ=46.0 77.5
fwAVG=2.64
sdW=248.1
fwW=2.56
sdS=373.7
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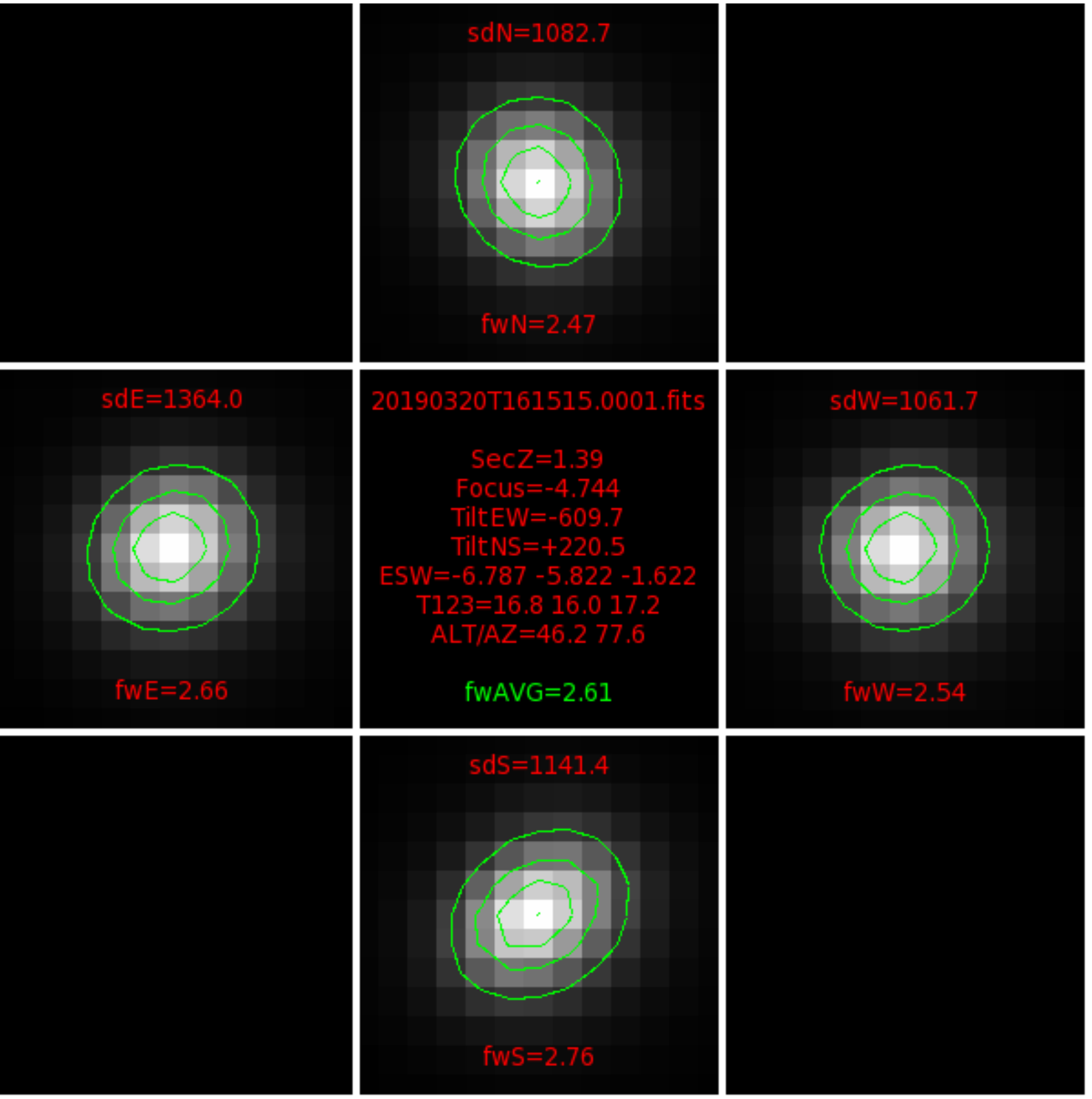
sdN=1082.7
fwN=2.47
sdE=1364.0
fwE=2.66
20190320T161515.0001.fits
SecZ=1.39
Focus=-4.744
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.787 -5.822 -1.622
T123=16.8 16.0 17.2
ALT/AZ=46.2 77.6
fwAVG=2.61
sdW=1061.7
fwW=2.54
sdS=1141.4
fwS=2.76
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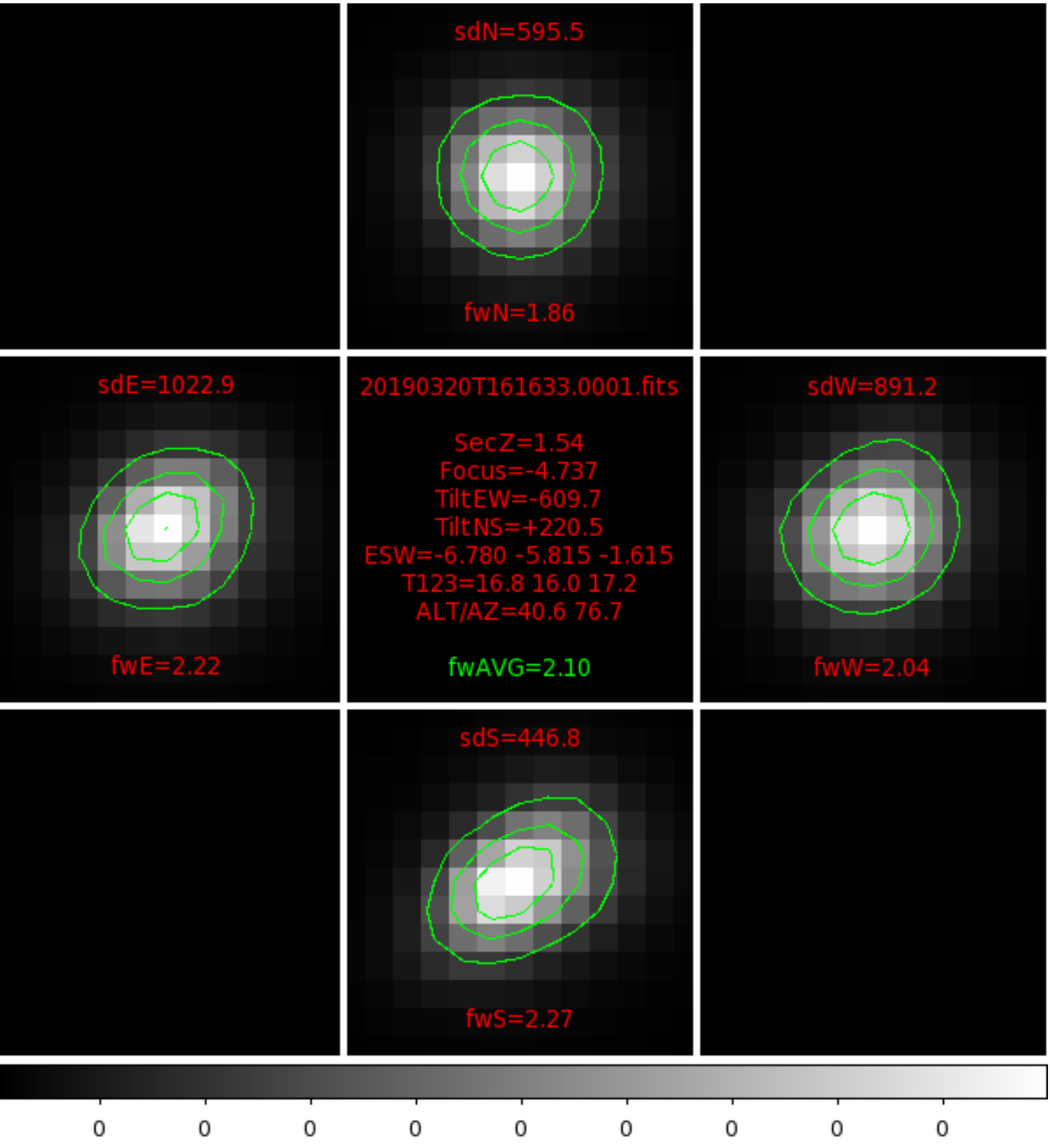
sdN=595.5
fwN=1.86
sdE=1022.9
fwE=2.22
20190320T161633.0001.fits
SecZ=1.54
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=16.8 16.0 17.2
ALT/AZ=40.6 76.7
fwAVG=2.10
sdW=891.2
fwW=2.04
sdS=446.8
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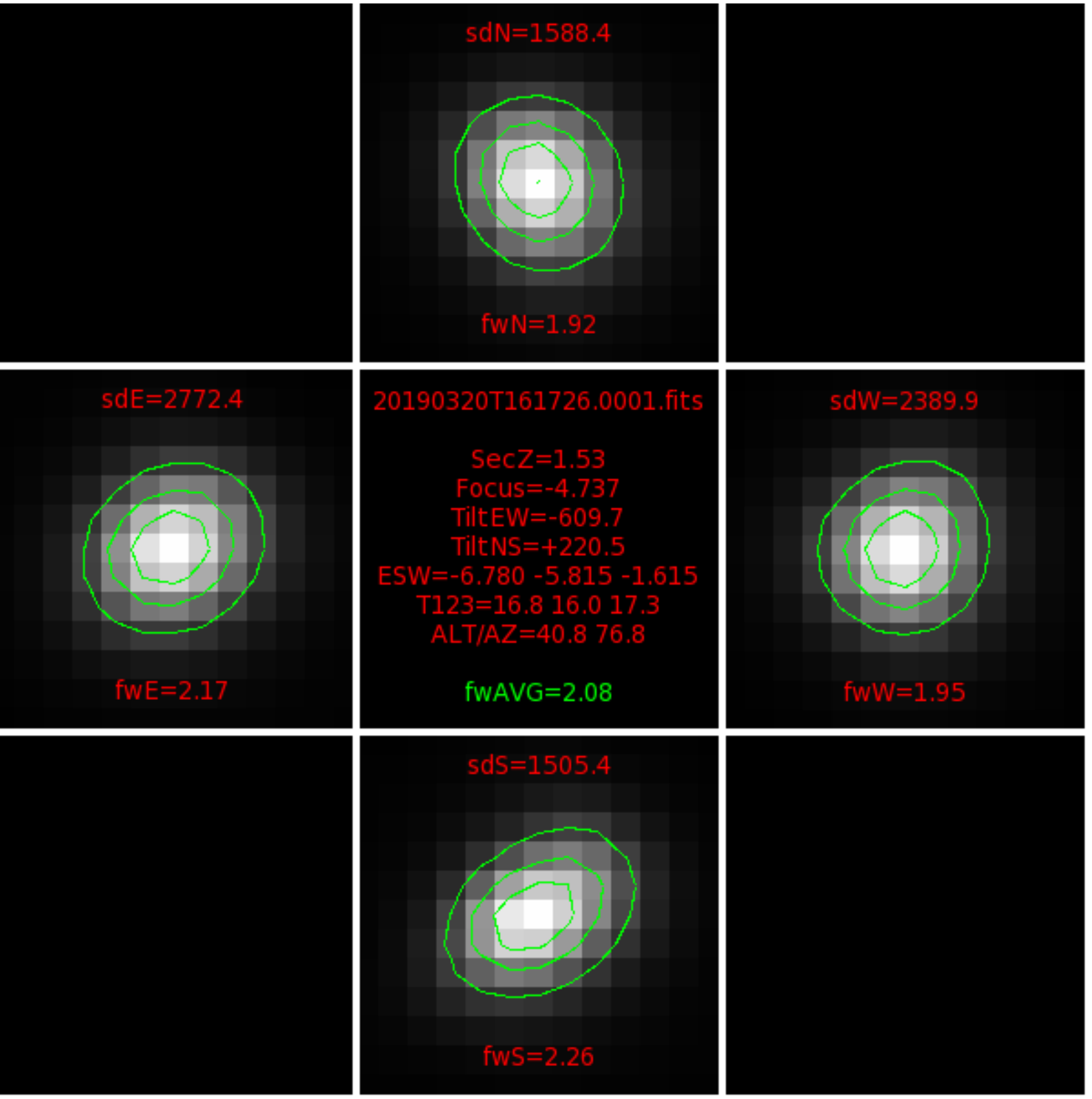
sdN=1588.4
fwN=1.92
sdE=2772.4
fwE=2.17
20190320T161726.0001.fits
SecZ=1.53
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=16.8 16.0 17.3
ALT/AZ=40.8 76.8
fwAVG=2.08
sdW=2389.9
fwW=1.95
sdS=1505.4
fwS=2.26
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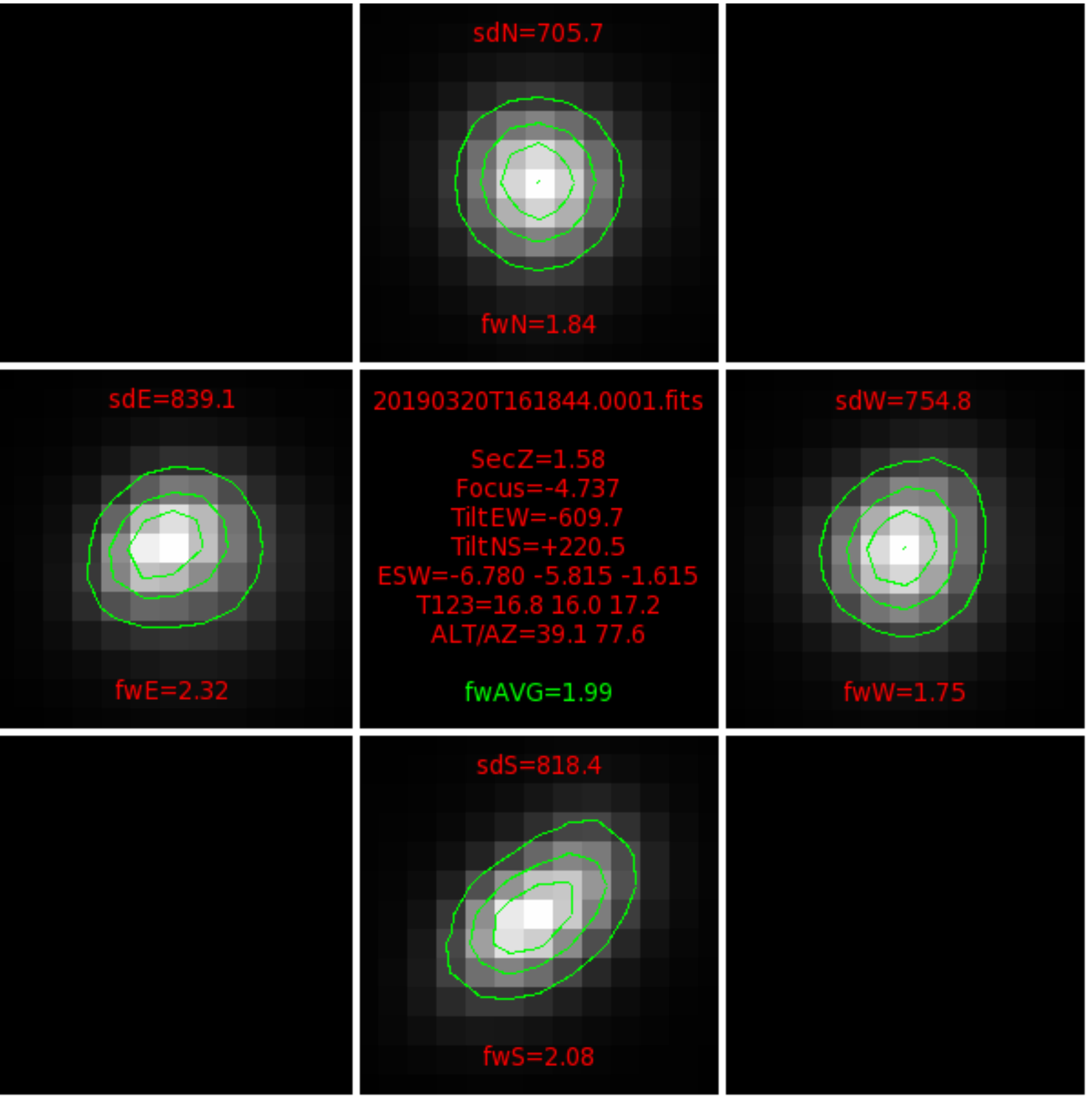
sdN=705.7
fwN=1.84
sdE=839.1
fwE=2.32
20190320T161844.0001.fits
SecZ=1.58
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=16.8 16.0 17.2
ALT/AZ=39.1 77.6
fwAVG=1.99
sdW=754.8
fwW=1.75
sdS=818.4
fwS=2.08
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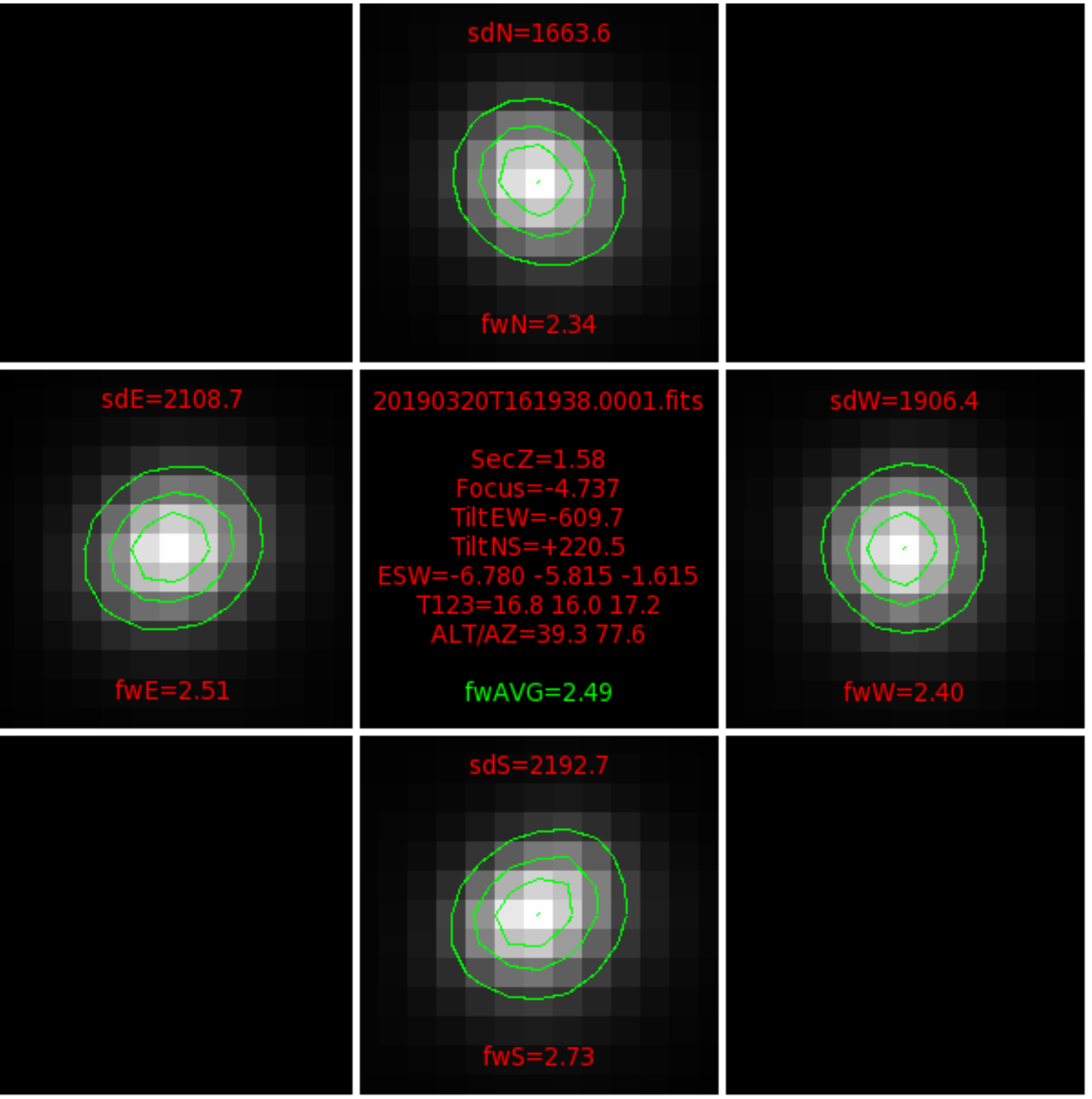
sdN=1663.6
fwN=2.34
sdE=2108.7
fwE=2.51
20190320T161938.0001.fits
SecZ=1.58
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=16.8 16.0 17.2
ALT/AZ=39.3 77.6
fwAVG=2.49
sdW=1906.4
fwW=2.40
sdS=2192.7
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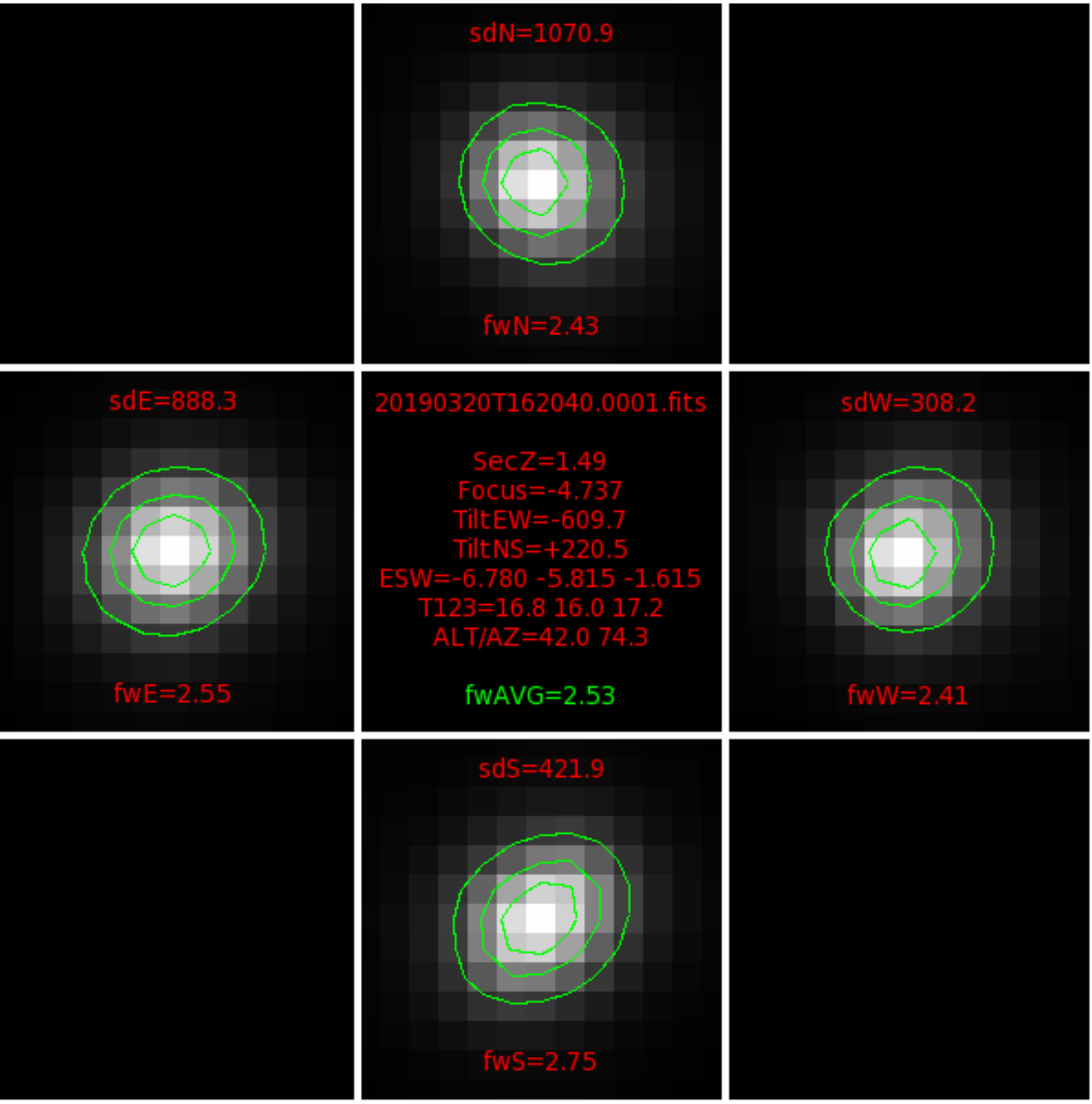
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fwN=2.43
sdE=888.3
fwE=2.55
20190320T162040.0001.fits
SecZ=1.49
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=16.8 16.0 17.2
ALT/AZ=42.0 74.3
fwAVG=2.53
sdW=308.2
fwW=2.41
sdS=421.9
fwS=2.75
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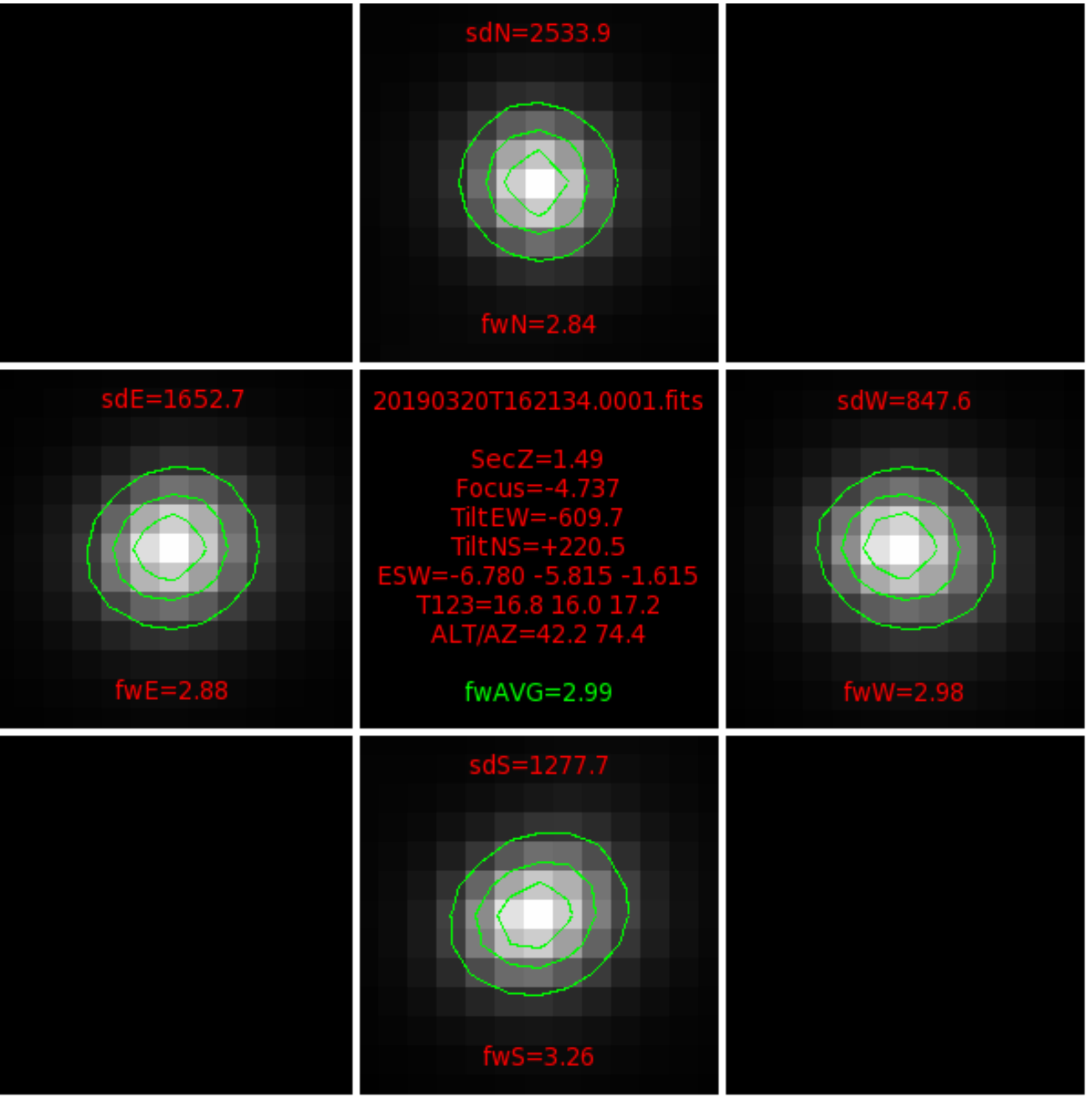
sdN=2533.9
fwN=2.84
sdE=1652.7
fwE=2.88
20190320T162134.0001.fits
SecZ=1.49
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=16.8 16.0 17.2
ALT/AZ=42.2 74.4
fwAVG=2.99
sdW=847.6
fwW=2.98
sdS=1277.7
fwS=3.26
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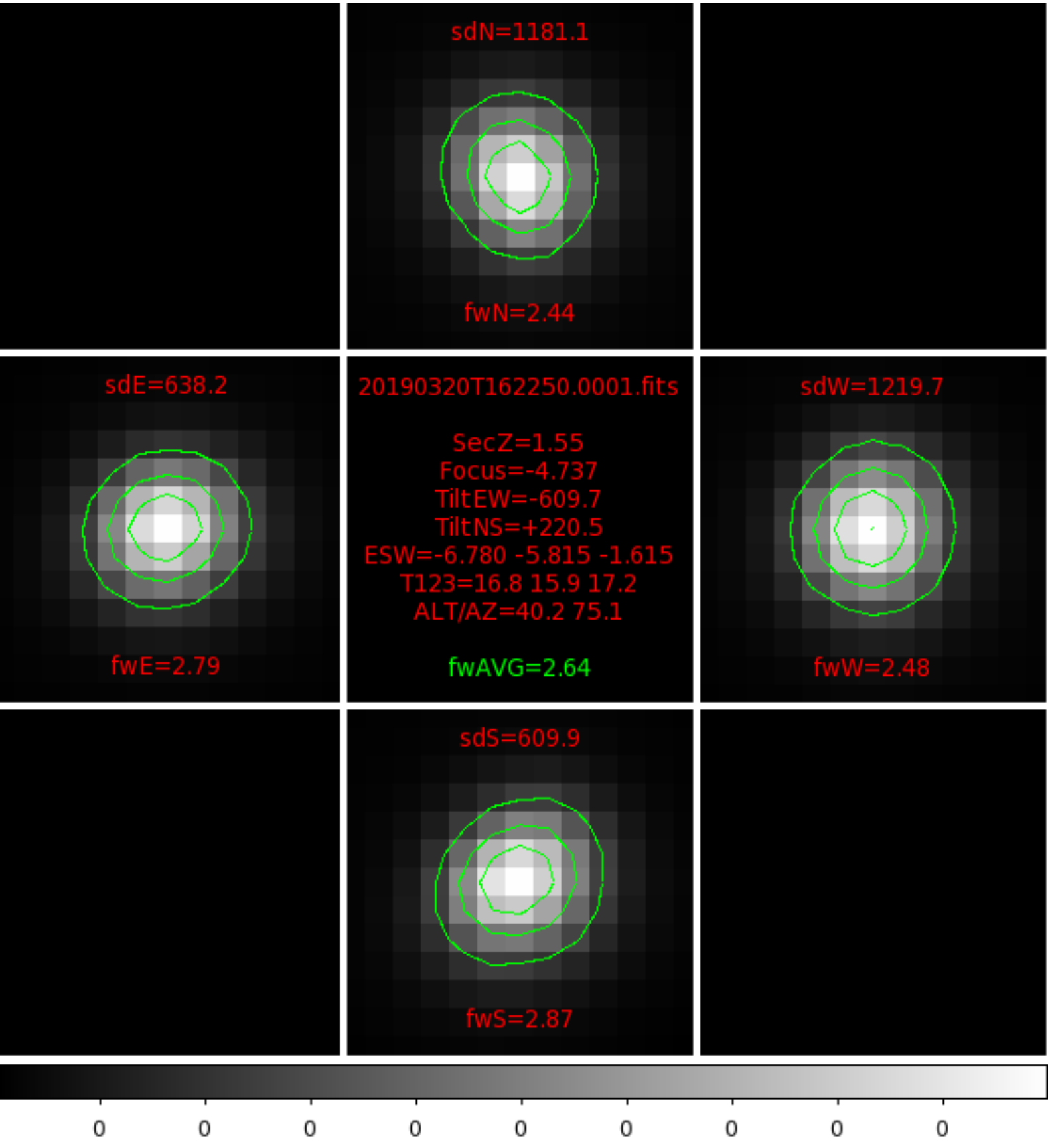
sdN=1181.1
fwN=2.44
sdE=638.2
fwE=2.79
20190320T162250.0001.fits
SecZ=1.55
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=16.8 15.9 17.2
ALT/AZ=40.2 75.1
fwAVG=2.64
sdW=1219.7
fwW=2.48
sdS=609.9
fwS=2.87
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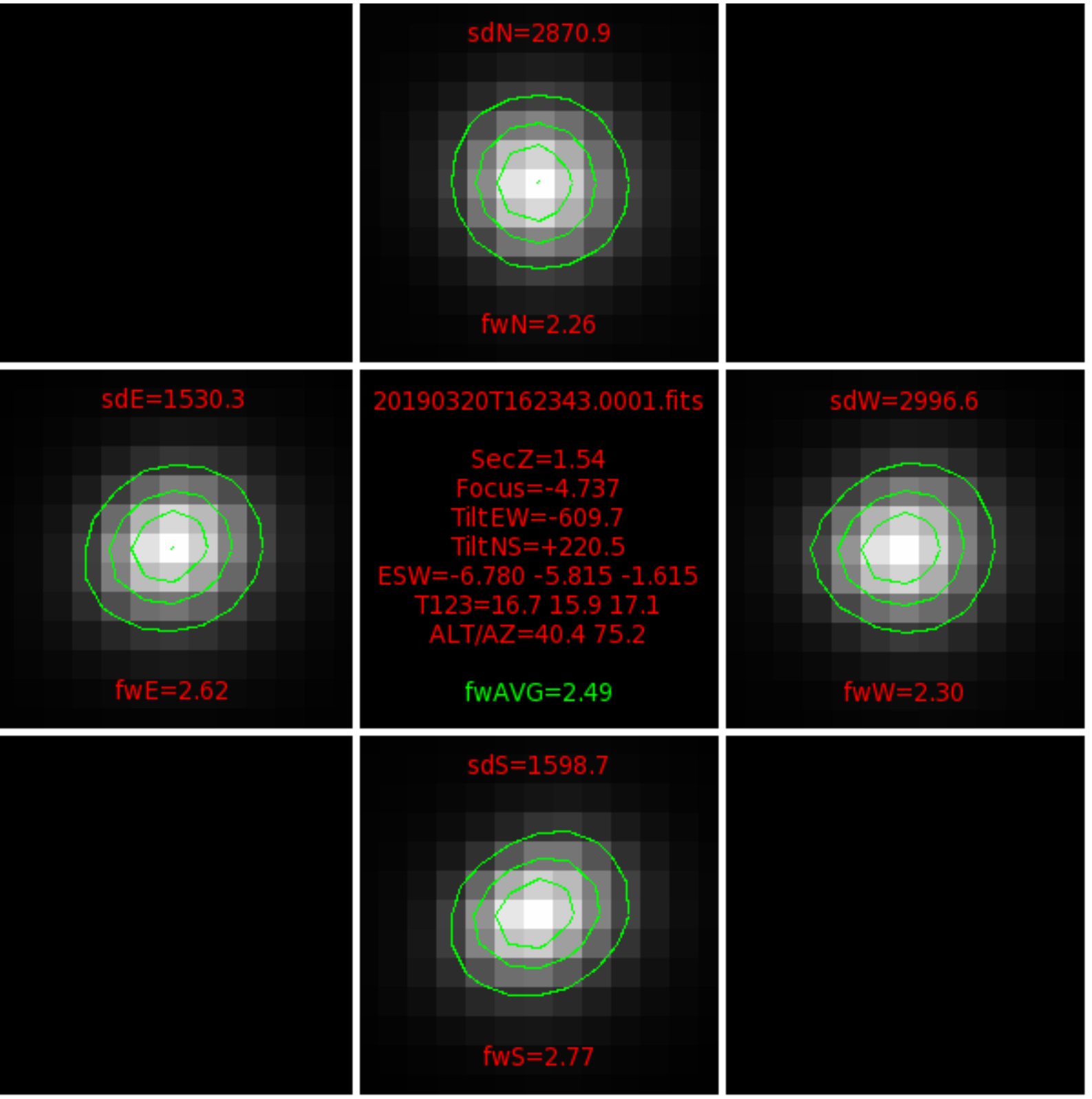
sdN=2870.9
fwN=2.26
sdE=1530.3
fwE=2.62
20190320T162343.0001.fits
SecZ=1.54
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=16.7 15.9 17.1
ALT/AZ=40.4 75.2
fwAVG=2.49
sdW=2996.6
fwW=2.30
sdS=1598.7
fwS=2.77
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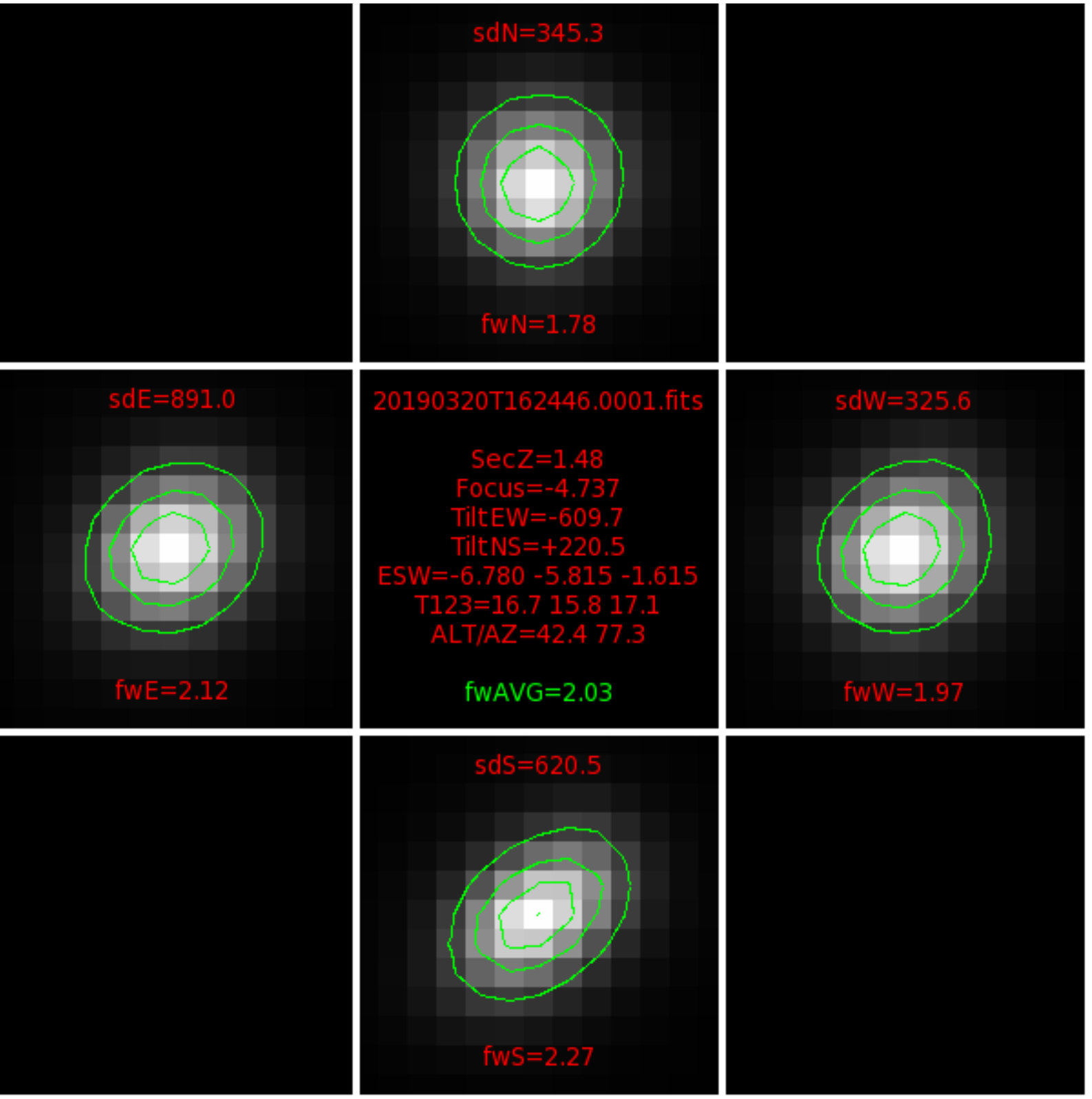
sdN=345.3
fwN=1.78
sdE=891.0
fwE=2.12
20190320T162446.0001.fits
SecZ=1.48
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=16.7 15.8 17.1
ALT/AZ=42.4 77.3
fwAVG=2.03
sdW=325.6
fwW=1.97
sdS=620.5
fwS=2.27
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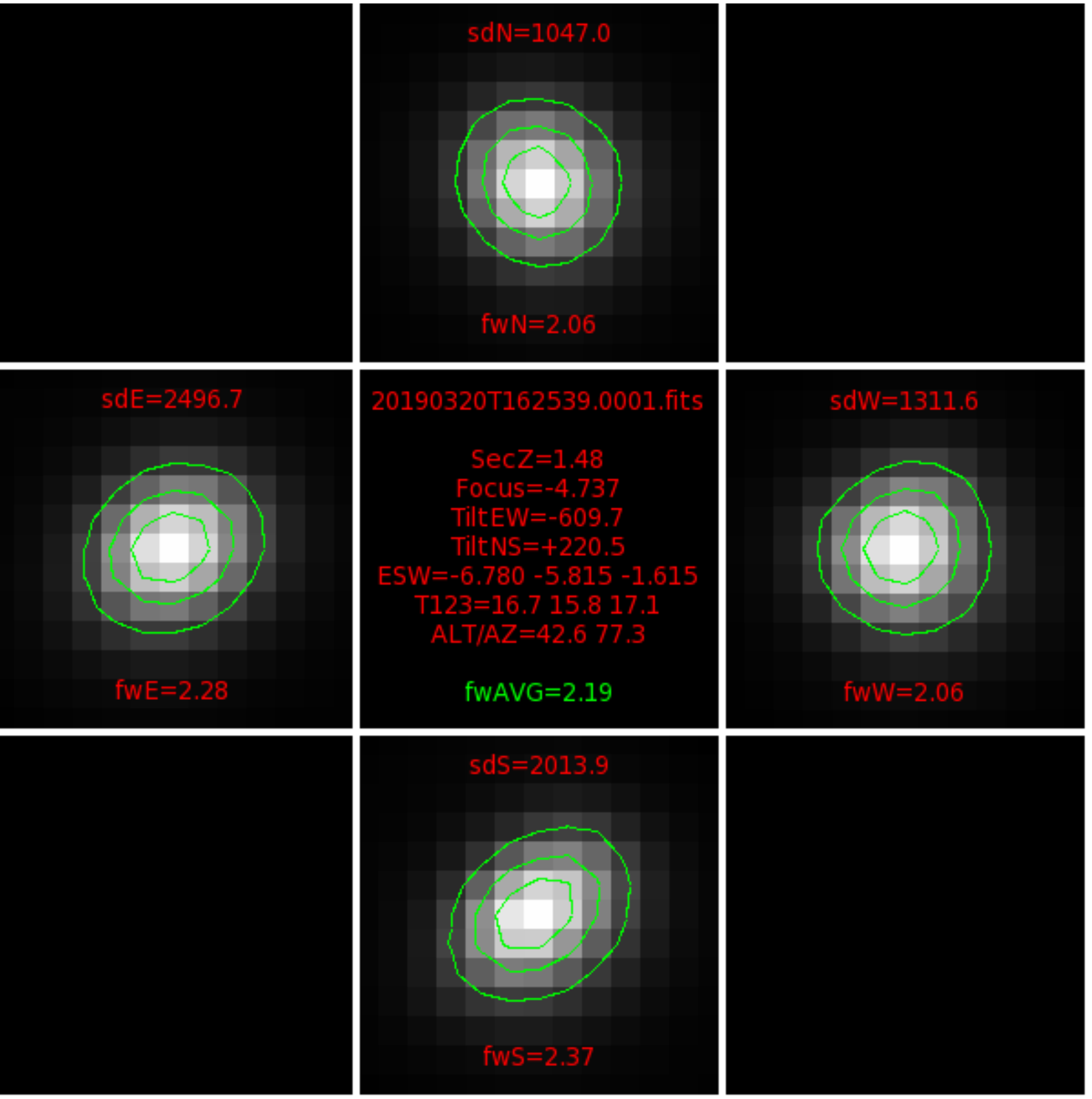
sdN=1047.0
fwN=2.06
sdE=2496.7
fwE=2.28
20190320T162539.0001.fits
SecZ=1.48
Focus=-4.737
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.780 -5.815 -1.615
T123=16.7 15.8 17.1
ALT/AZ=42.6 77.3
fwAVG=2.19
sdW=1311.6
fwW=2.06
sdS=2013.9
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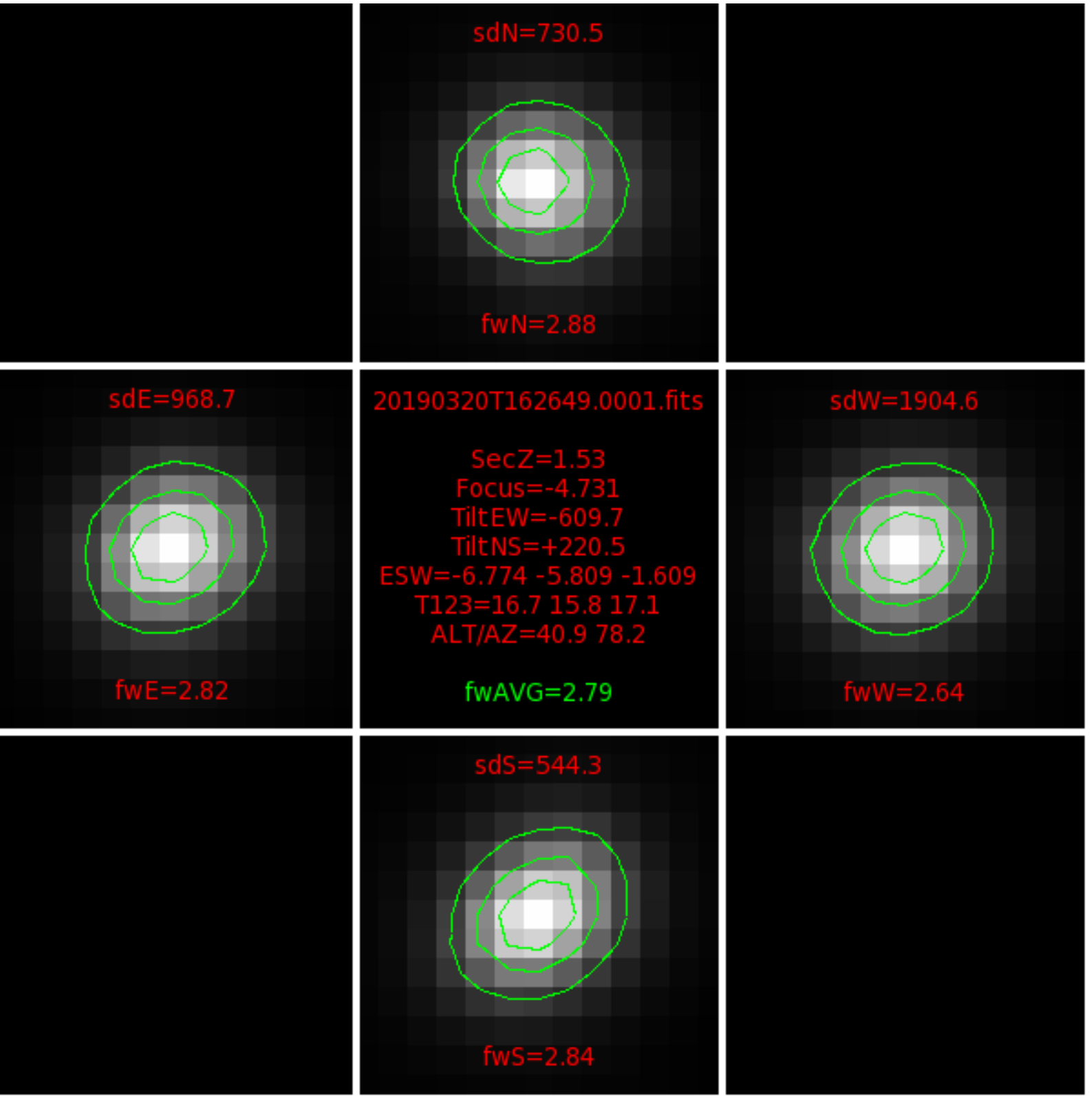
sdN=730.5
fwN=2.88
sdE=968.7
fwE=2.82
20190320T162649.0001.fits
SecZ=1.53
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.7 15.8 17.1
ALT/AZ=40.9 78.2
fwAVG=2.79
sdW=1904.6
fwW=2.64
sdS=544.3
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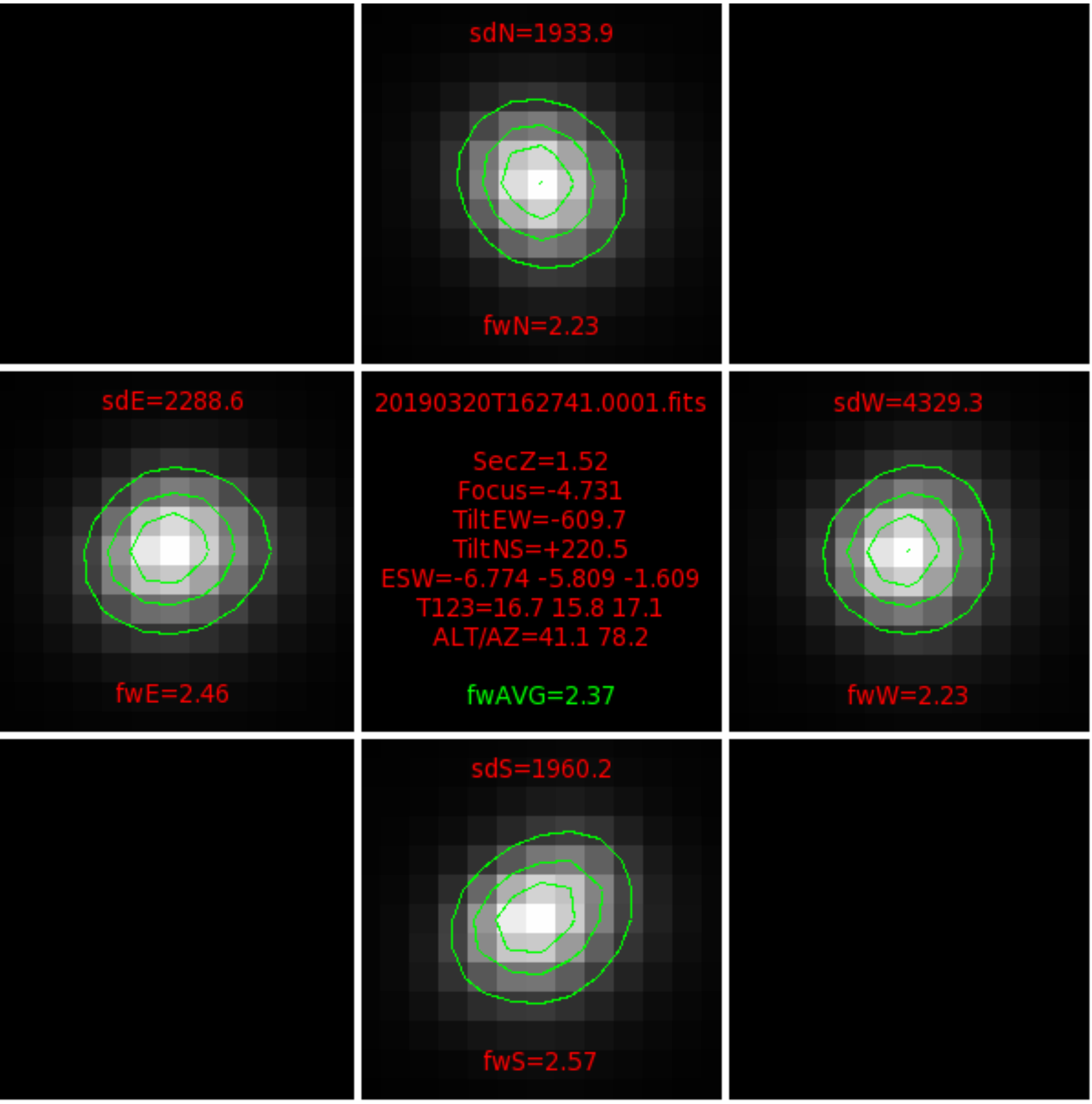
sdN=1933.9
fwN=2.23
sdE=2288.6
fwE=2.46
20190320T162741.0001.fits
SecZ=1.52
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.7 15.8 17.1
ALT/AZ=41.1 78.2
fwAVG=2.37
sdW=4329.3
fwW=2.23
sdS=1960.2
fwS=2.57
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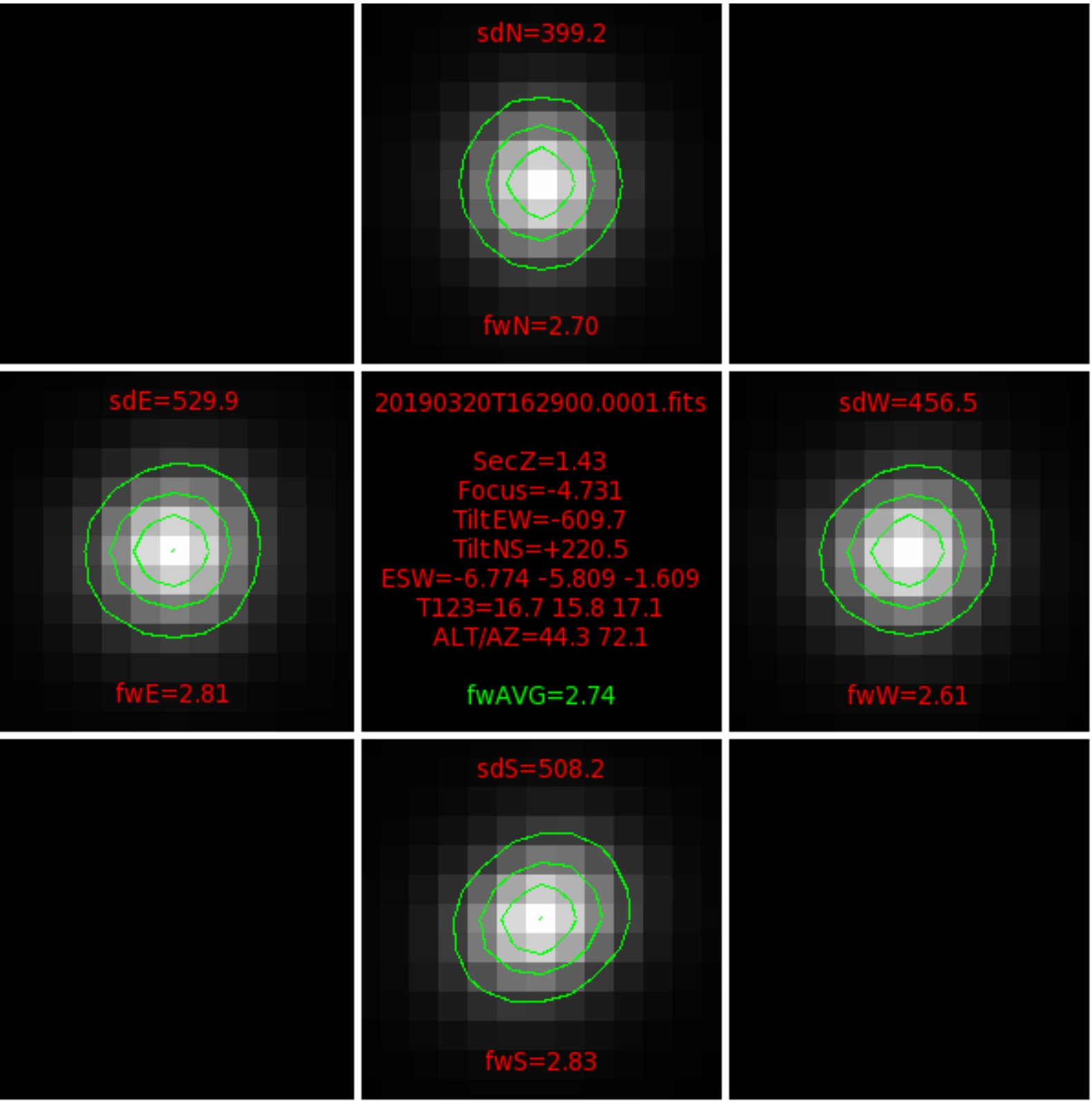
sdN=399.2
fwN=2.70
sdE=529.9
fwE=2.81
20190320T162900.0001.fits
SecZ=1.43
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.7 15.8 17.1
ALT/AZ=44.3 72.1
fwAVG=2.74
sdW=456.5
fwW=2.61
sdS=508.2
fwS=2.83
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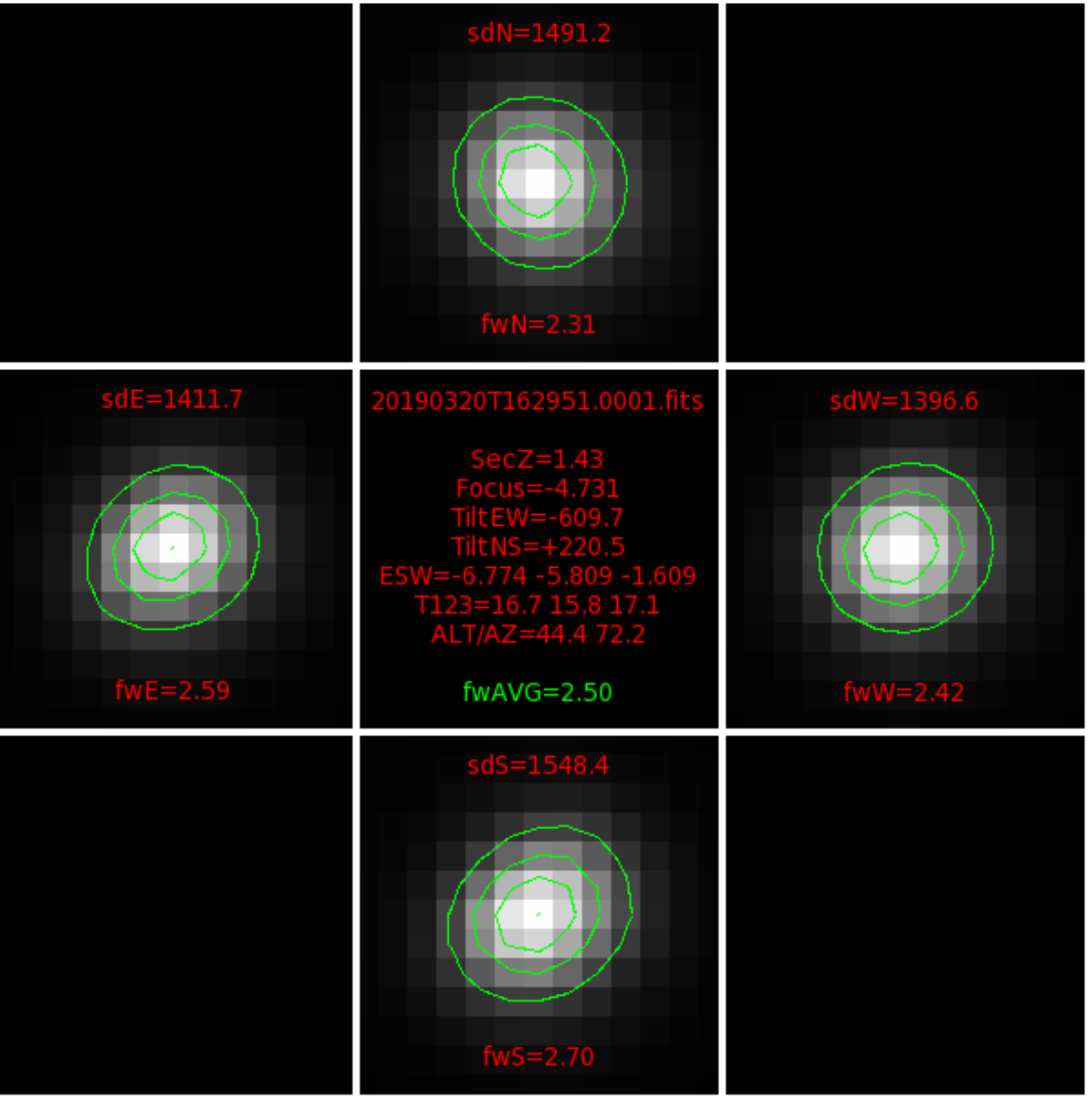
sdN=1491.2
fwN=2.31
sdE=1411.7
fwE=2.59
20190320T162951.0001.fits
SecZ=1.43
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.7 15.8 17.1
ALT/AZ=44.4 72.2
fwAVG=2.50
sdW=1396.6
fwW=2.42
sdS=1548.4
fwS=2.70
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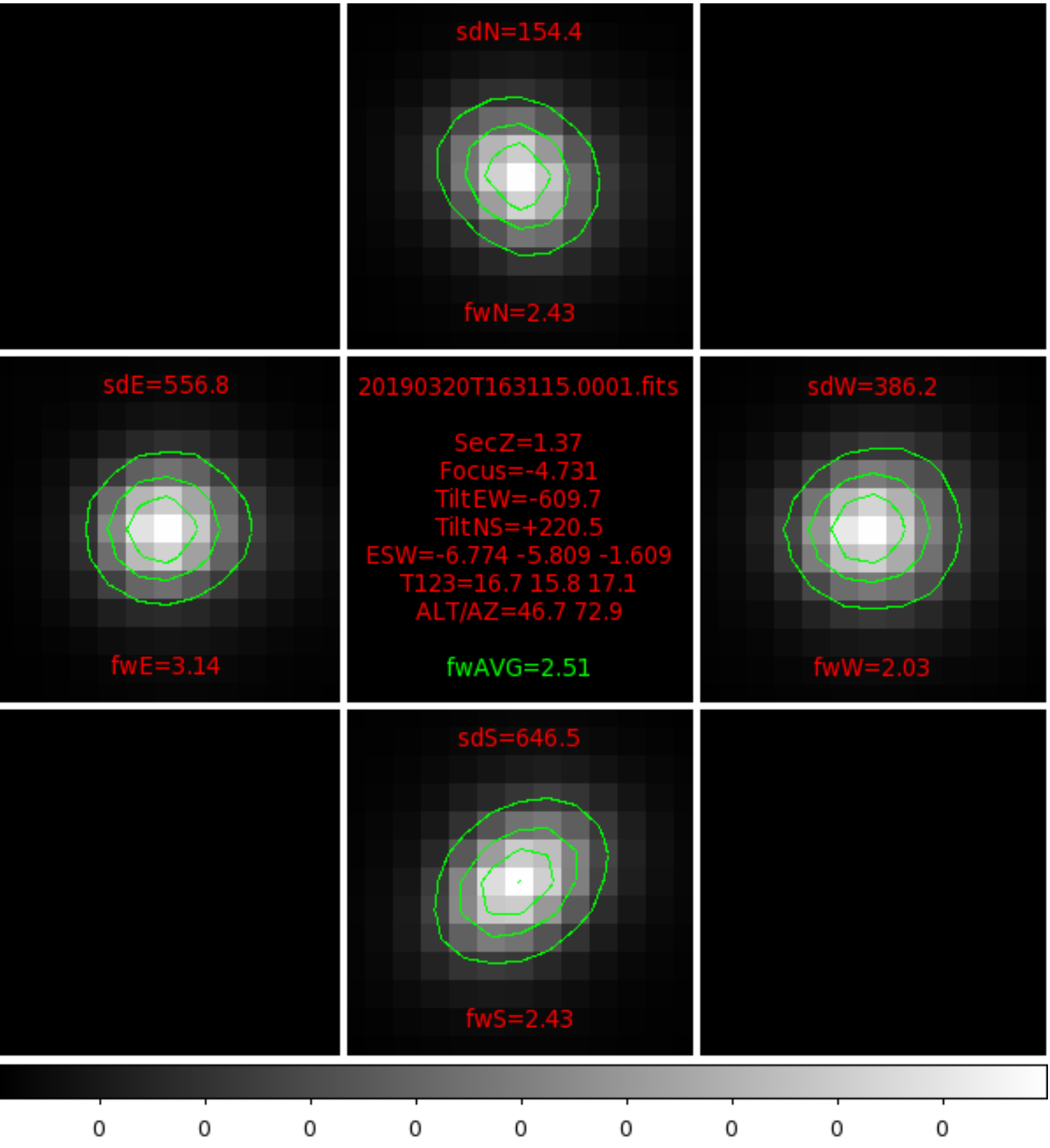
sdN=154.4
fwN=2.43
sdE=556.8
fwE=3.14
20190320T163115.0001.fits
SecZ=1.37
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.7 15.8 17.1
ALT/AZ=46.7 72.9
fwAVG=2.51
sdW=386.2
fwW=2.03
sdS=646.5
fwS=2.43
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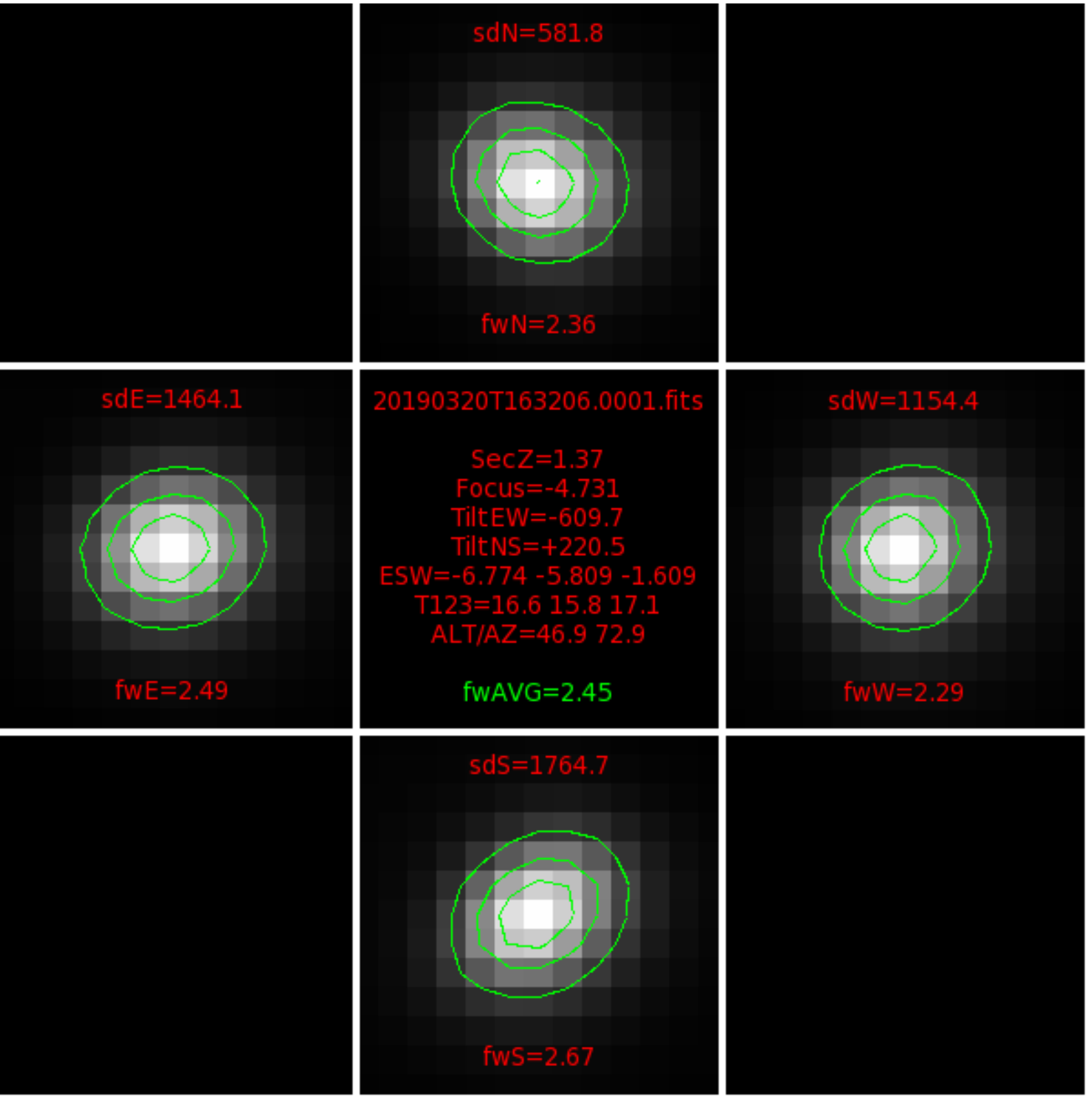
sdN=581.8
fwN=2.36
sdE=1464.1
fwE=2.49
20190320T163206.0001.fits
SecZ=1.37
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.6 15.8 17.1
ALT/AZ=46.9 72.9
fwAVG=2.45
sdW=1154.4
fwW=2.29
sdS=1764.7
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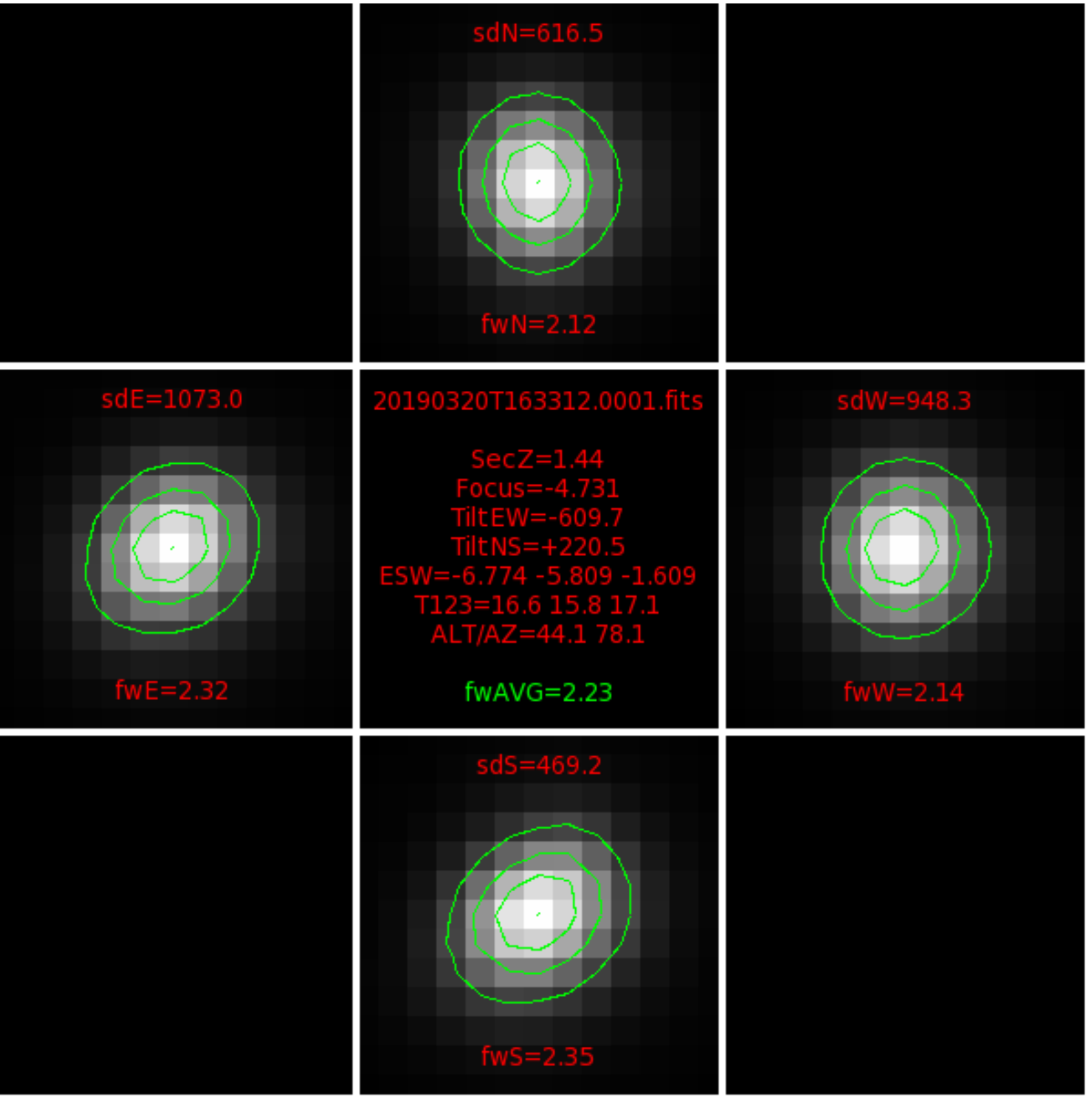
sdN=616.5
fwN=2.12
sdE=1073.0
fwE=2.32
20190320T163312.0001.fits
SecZ=1.44
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.6 15.8 17.1
ALT/AZ=44.1 78.1
fwAVG=2.23
sdW=948.3
fwW=2.14
sdS=469.2
fwS=2.35
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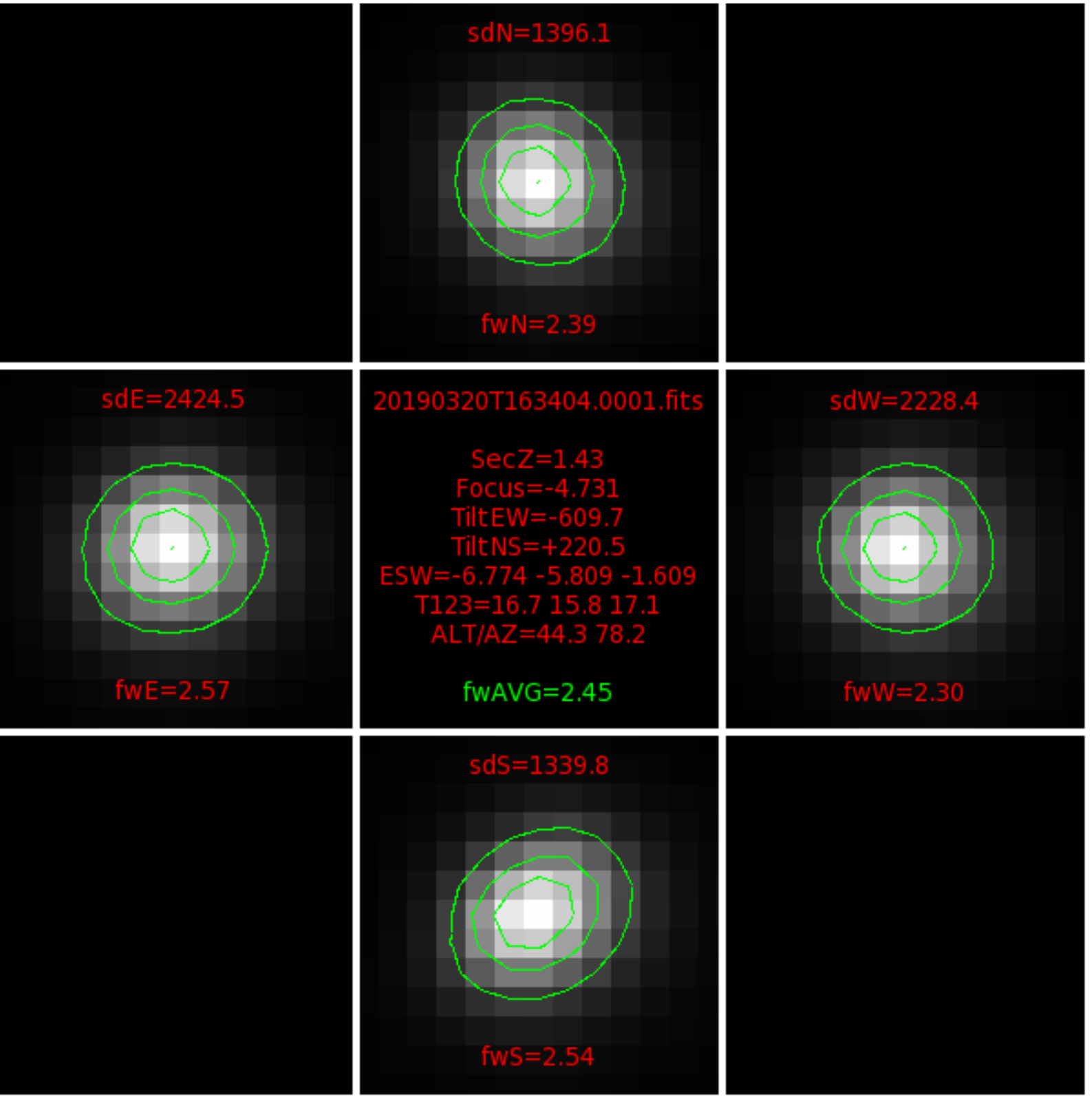
sdN=1396.1
fwN=2.39
sdE=2424.5
fwE=2.57
20190320T163404.0001.fits
SecZ=1.43
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.7 15.8 17.1
ALT/AZ=44.3 78.2
fwAVG=2.45
sdW=2228.4
fwW=2.30
sdS=1339.8
fwS=2.54
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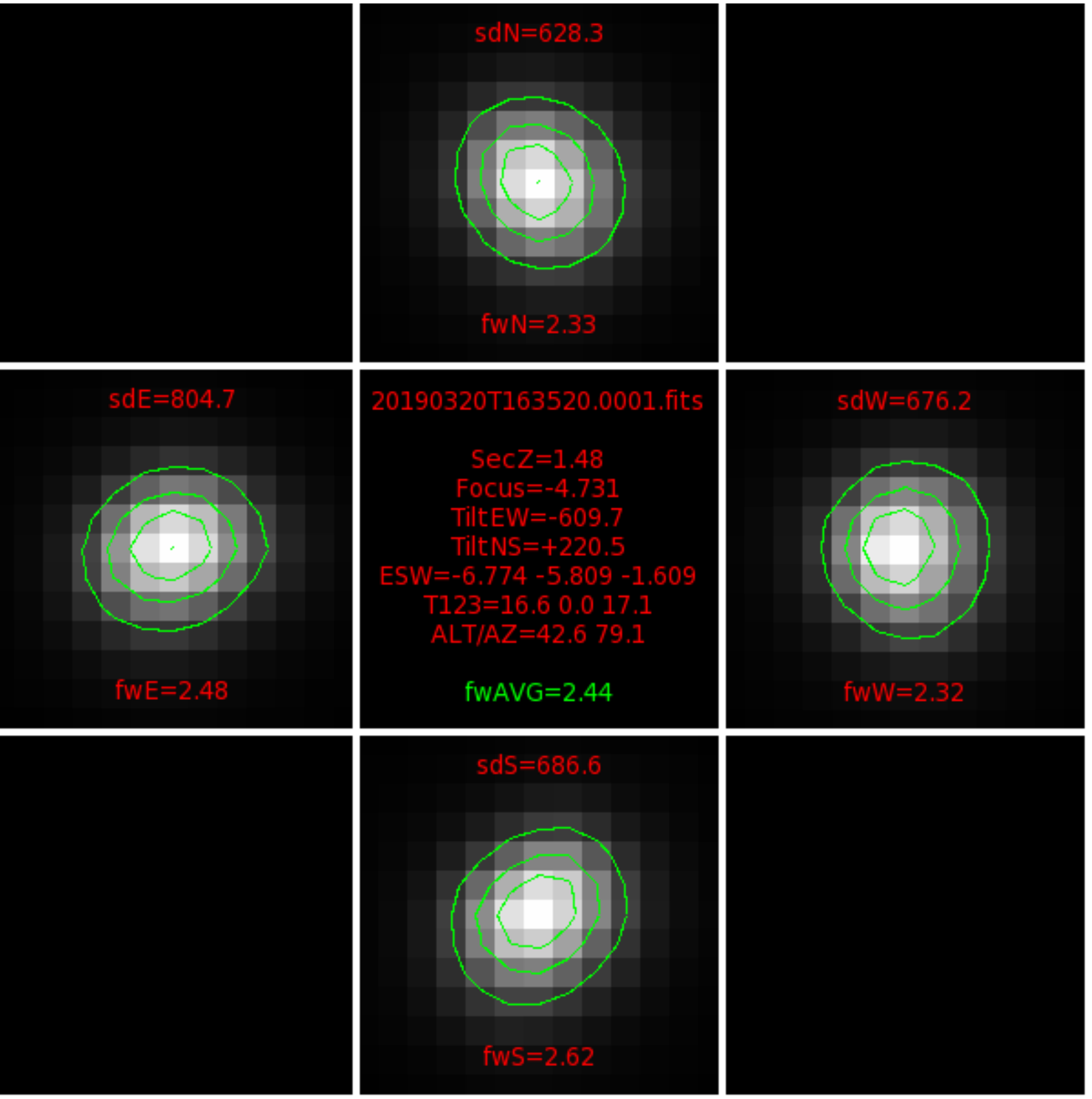
sdN=628.3
fwN=2.33
sdE=804.7
fwE=2.48
20190320T163520.0001.fits
SecZ=1.48
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.6 0.0 17.1
ALT/AZ=42.6 79.1
fwAVG=2.44
sdW=676.2
fwW=2.32
sdS=686.6
fwS=2.62
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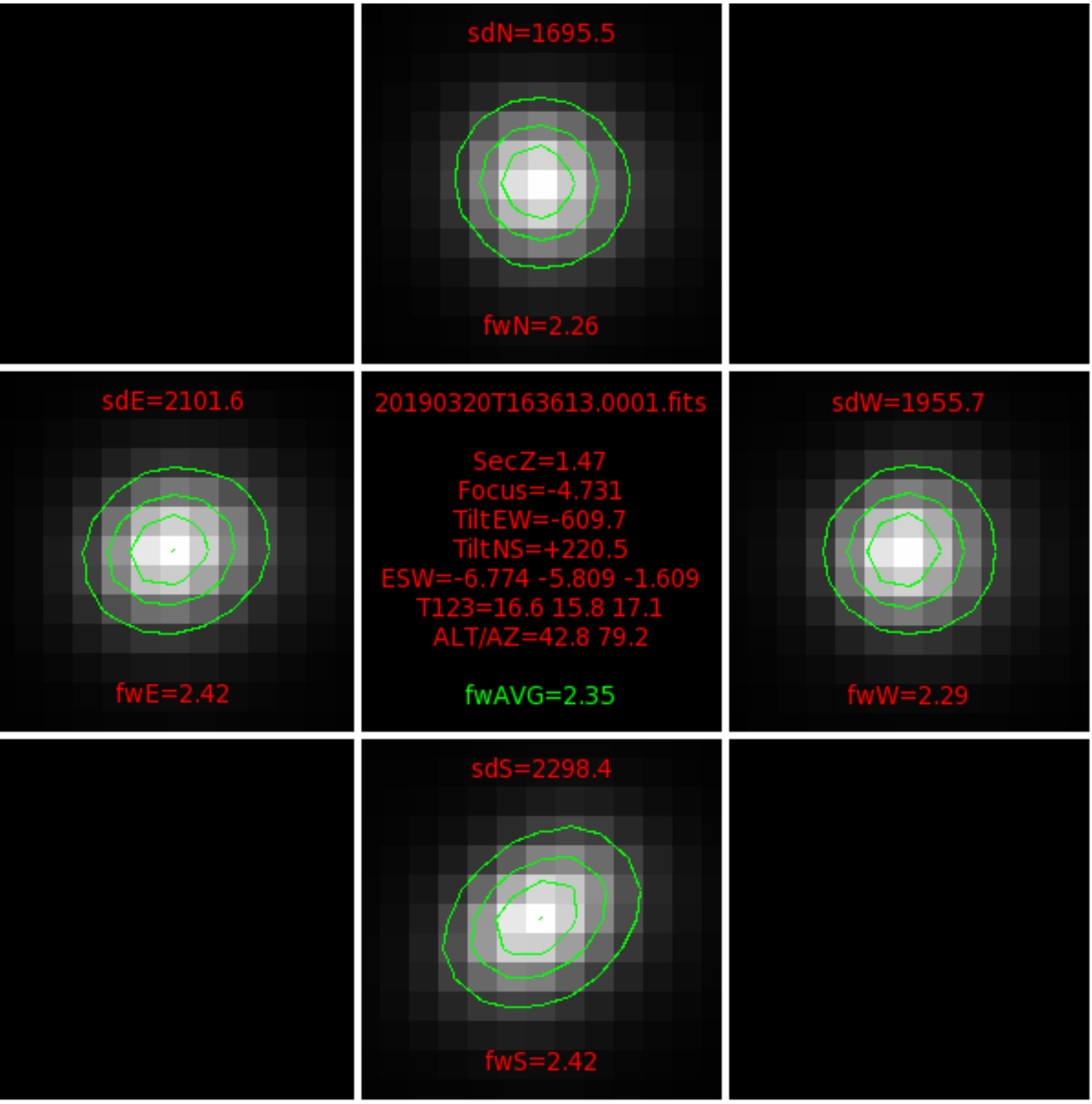
sdN=1695.5
fwN=2.26
sdE=2101.6
fwE=2.42
20190320T163613.0001.fits
SecZ=1.47
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.6 15.8 17.1
ALT/AZ=42.8 79.2
fwAVG=2.35
sdW=1955.7
fwW=2.29
sdS=2298.4
fwS=2.42
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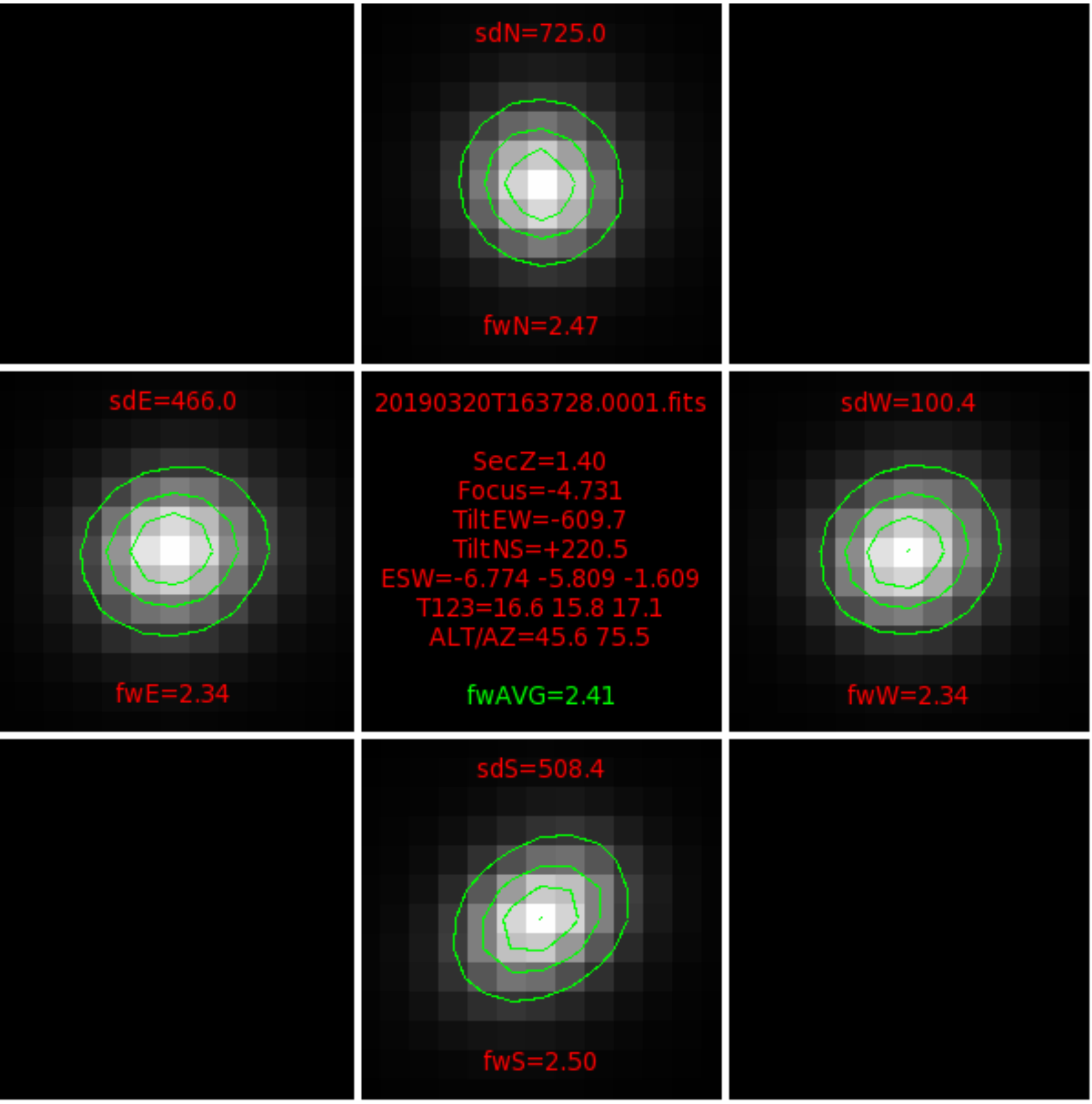
sdN=725.0
fwN=2.47
sdE=466.0
fwE=2.34
20190320T163728.0001.fits
SecZ=1.40
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.6 15.8 17.1
ALT/AZ=45.6 75.5
fwAVG=2.41
sdW=100.4
fwW=2.34
sdS=508.4
fwS=2.50
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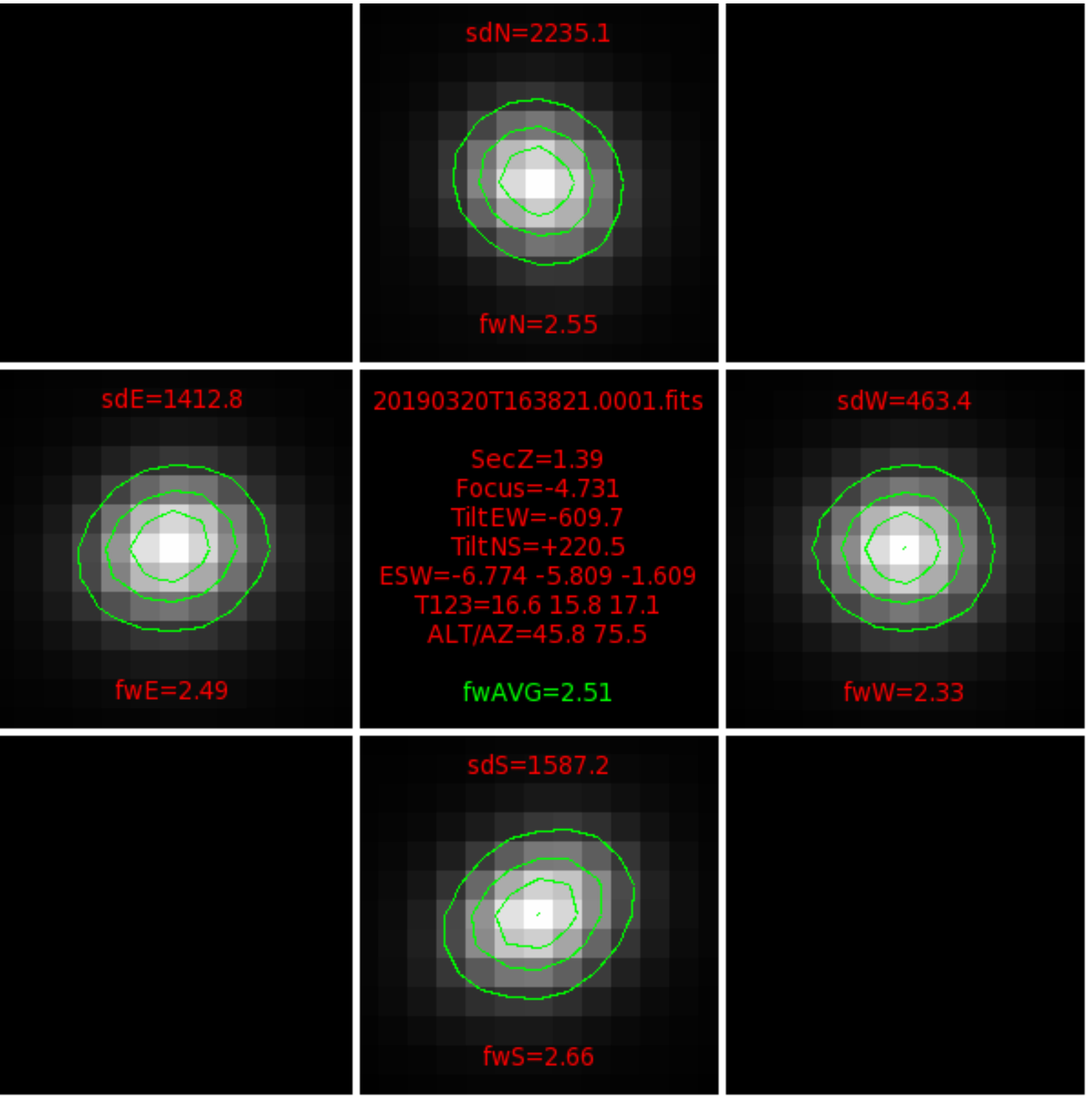
sdN=2235.1
fwN=2.55
sdE=1412.8
fwE=2.49
20190320T163821.0001.fits
SecZ=1.39
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.6 15.8 17.1
ALT/AZ=45.8 75.5
fwAVG=2.51
sdW=463.4
fwW=2.33
sdS=1587.2
fwS=2.66
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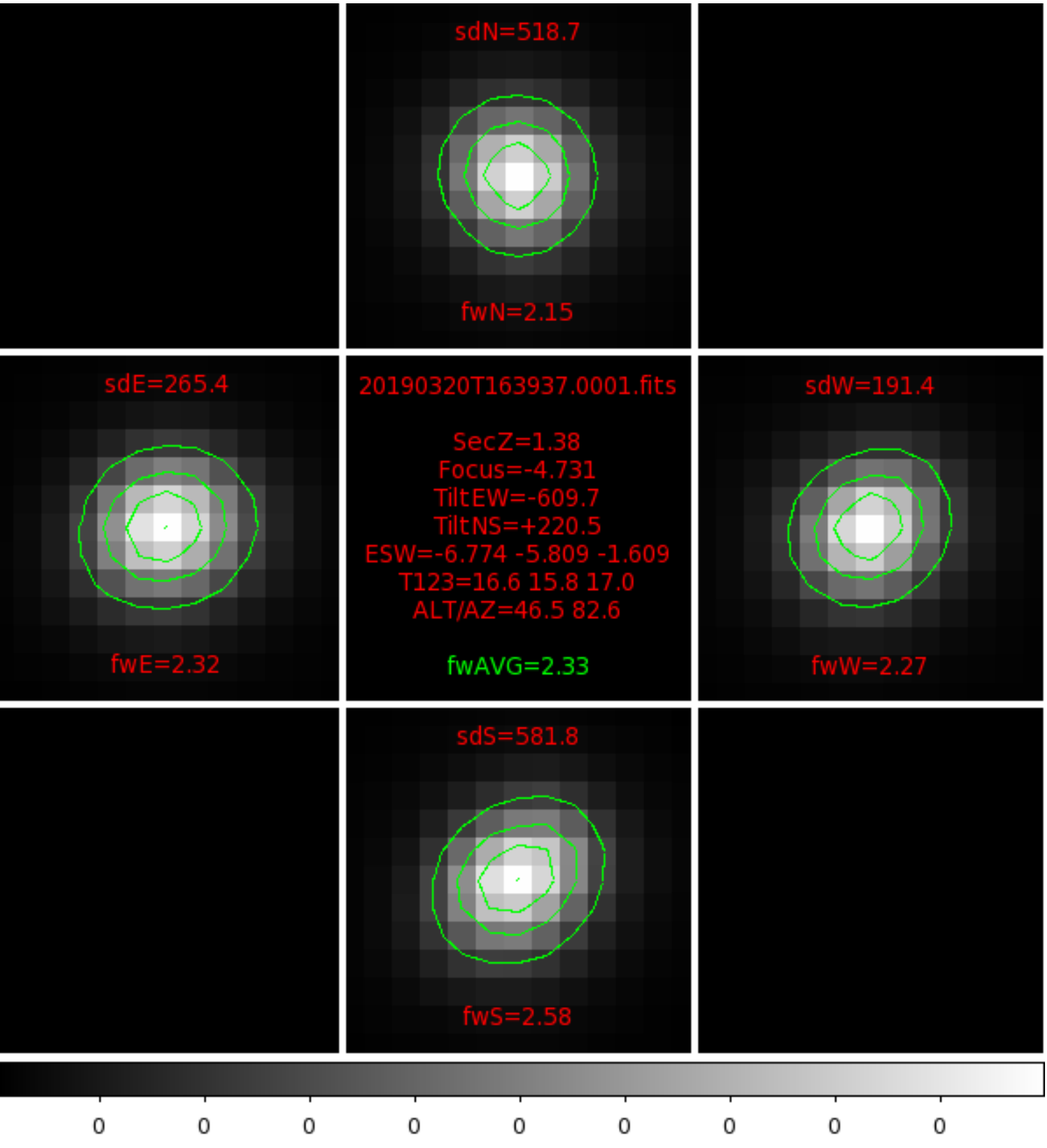
sdN=518.7
fwN=2.15
sdE=265.4
fwE=2.32
20190320T163937.0001.fits
SecZ=1.38
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.6 15.8 17.0
ALT/AZ=46.5 82.6
fwAVG=2.33
sdW=191.4
fwW=2.27
sdS=581.8
fwS=2.58
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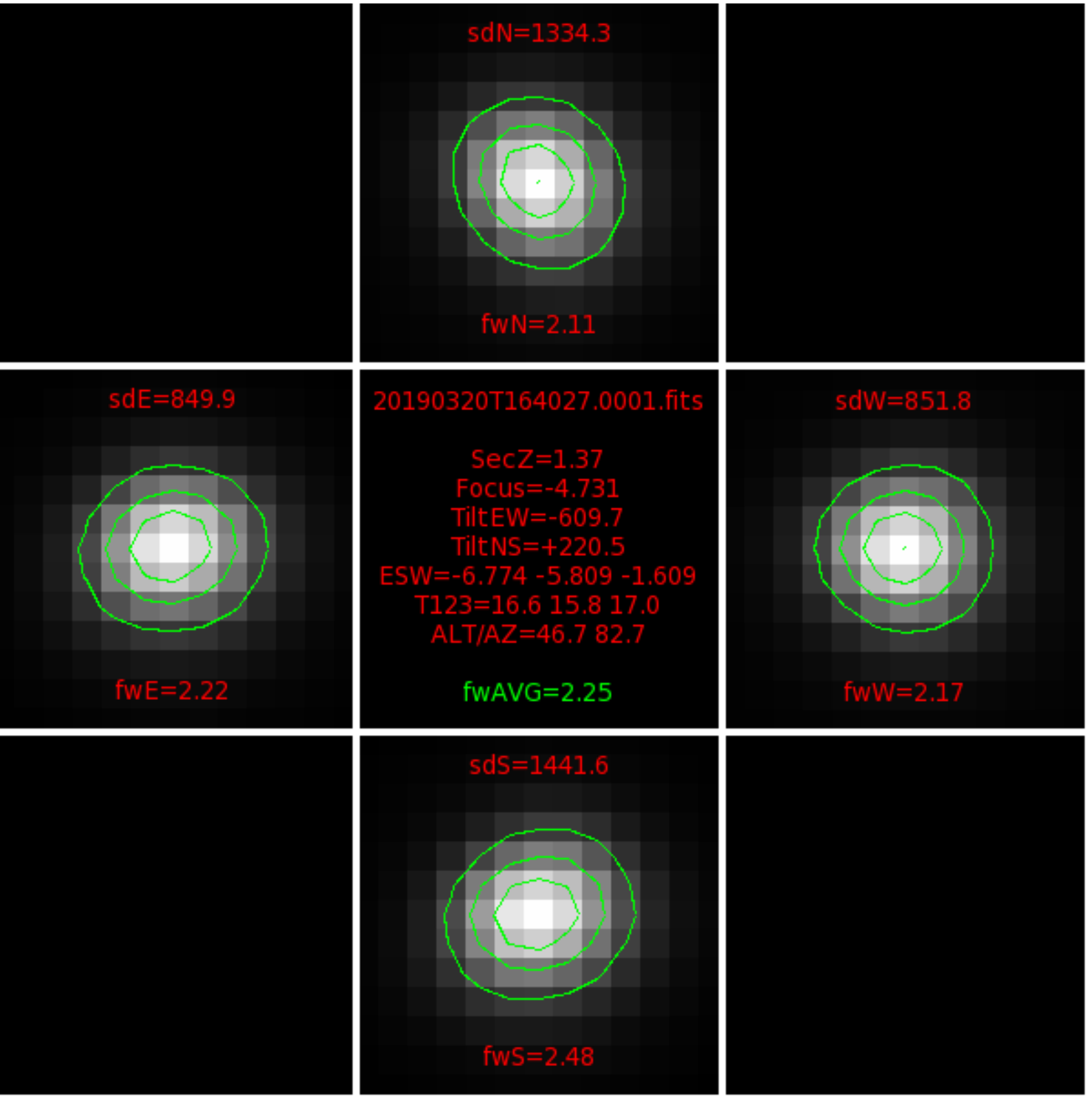
sdN=1334.3
fwN=2.11
sdE=849.9
fwE=2.22
20190320T164027.0001.fits
SecZ=1.37
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.6 15.8 17.0
ALT/AZ=46.7 82.7
fwAVG=2.25
sdW=851.8
fwW=2.17
sdS=1441.6
fwS=2.48
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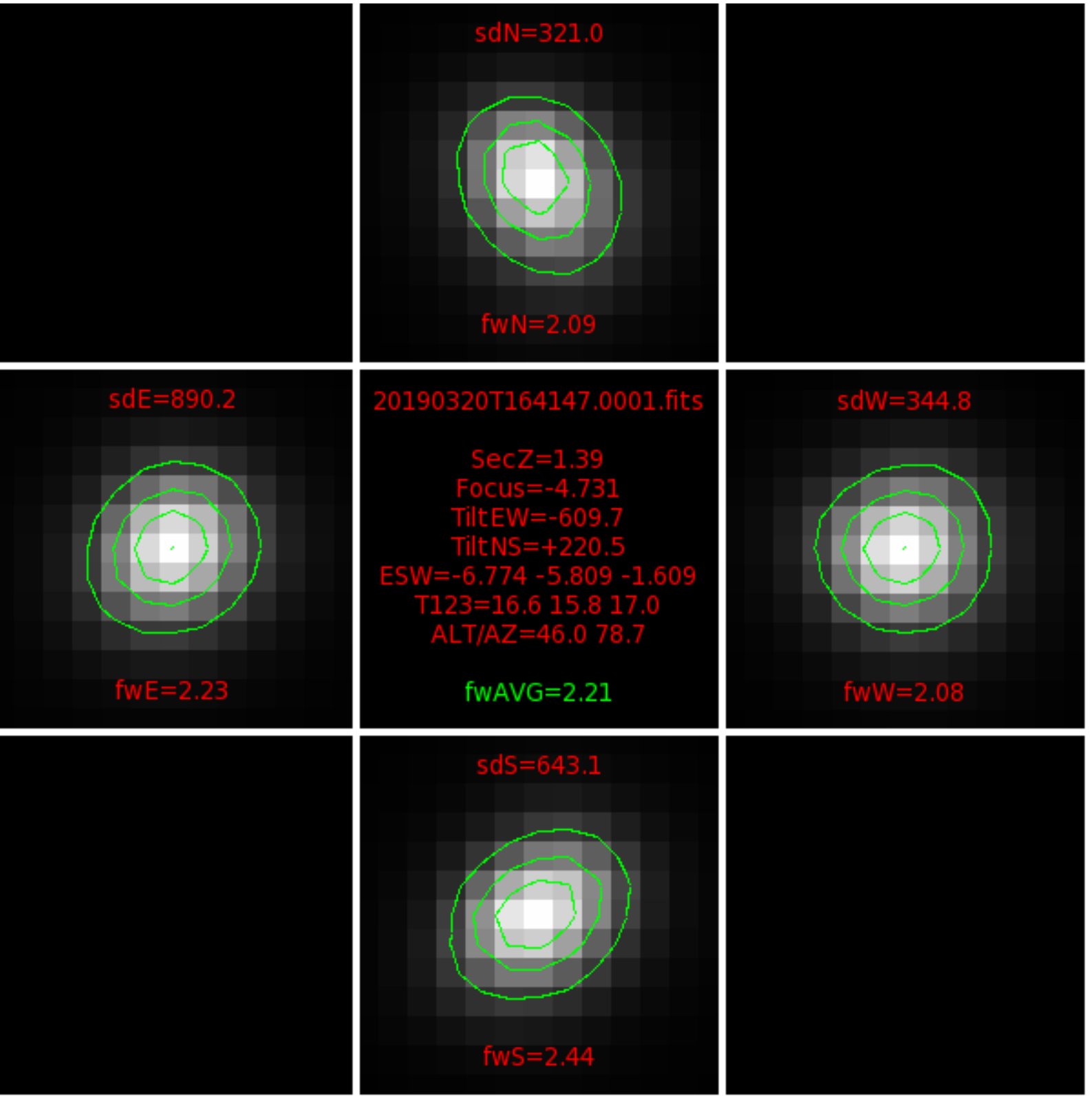
sdN=321.0
fwN=2.09
sdE=890.2
fwE=2.23
20190320T164147.0001.fits
SecZ=1.39
Focus=-4.731
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.774 -5.809 -1.609
T123=16.6 15.8 17.0
ALT/AZ=46.0 78.7
fwAVG=2.21
sdW=344.8
fwW=2.08
sdS=643.1
fwS=2.44
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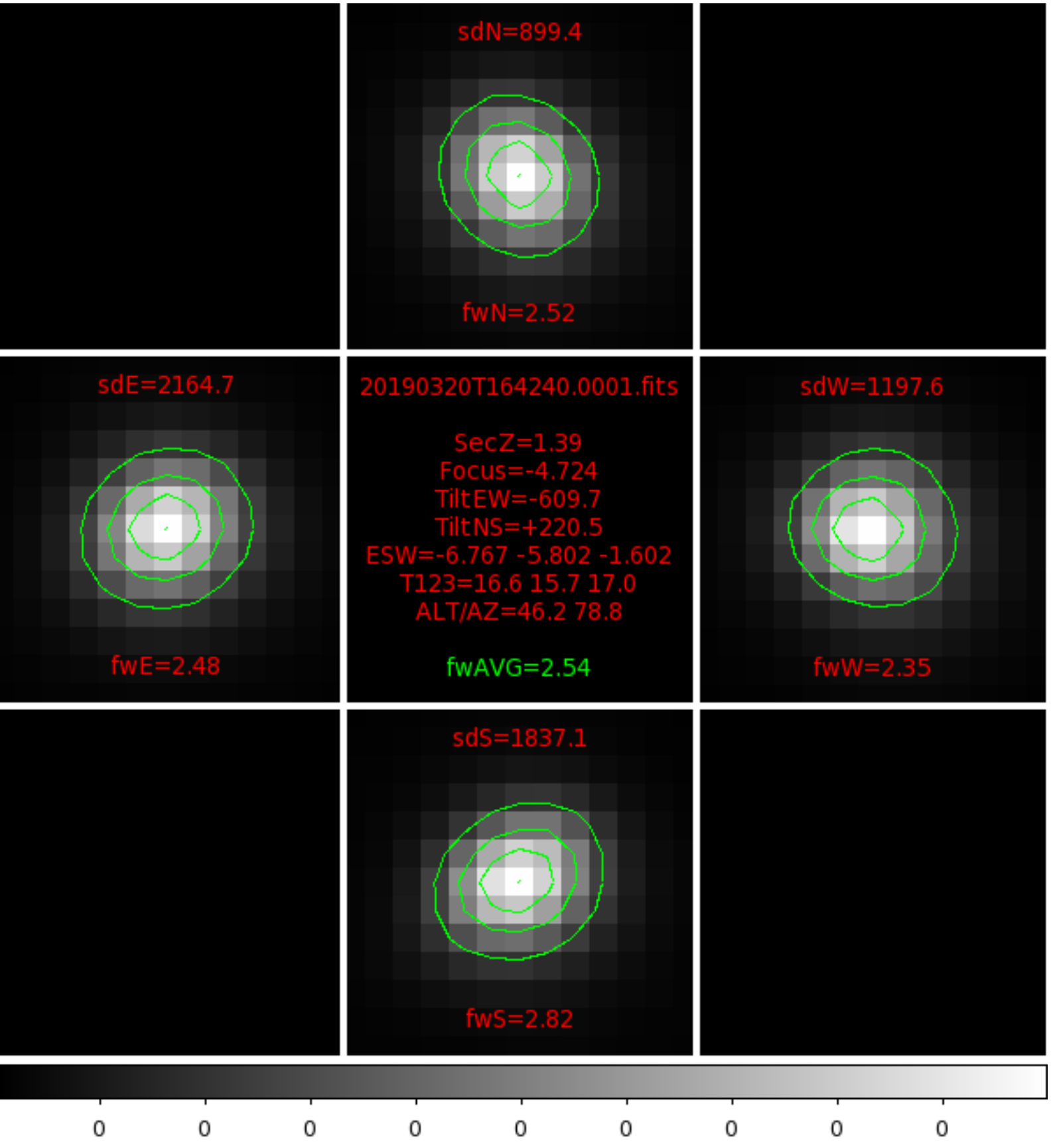
sdN=899.4
fwN=2.52
sdE=2164.7
fwE=2.48
20190320T164240.0001.fits
SecZ=1.39
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.6 15.7 17.0
ALT/AZ=46.2 78.8
fwAVG=2.54
sdW=1197.6
fwW=2.35
sdS=1837.1
fwS=2.82
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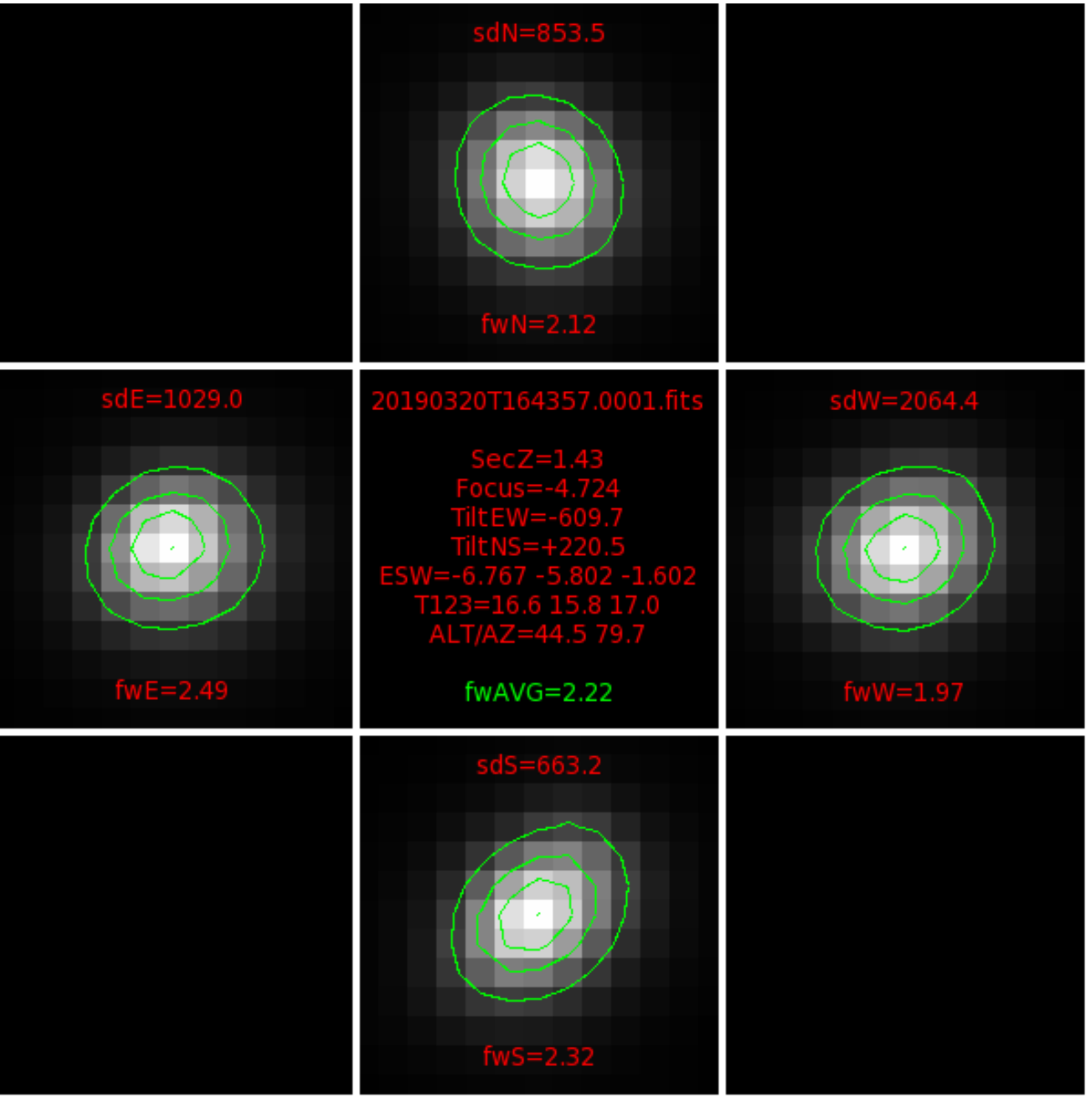
sdN=853.5
fwN=2.12
sdE=1029.0
fwE=2.49
20190320T164357.0001.fits
SecZ=1.43
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.6 15.8 17.0
ALT/AZ=44.5 79.7
fwAVG=2.22
sdW=2064.4
fwW=1.97
sdS=663.2
fwS=2.32
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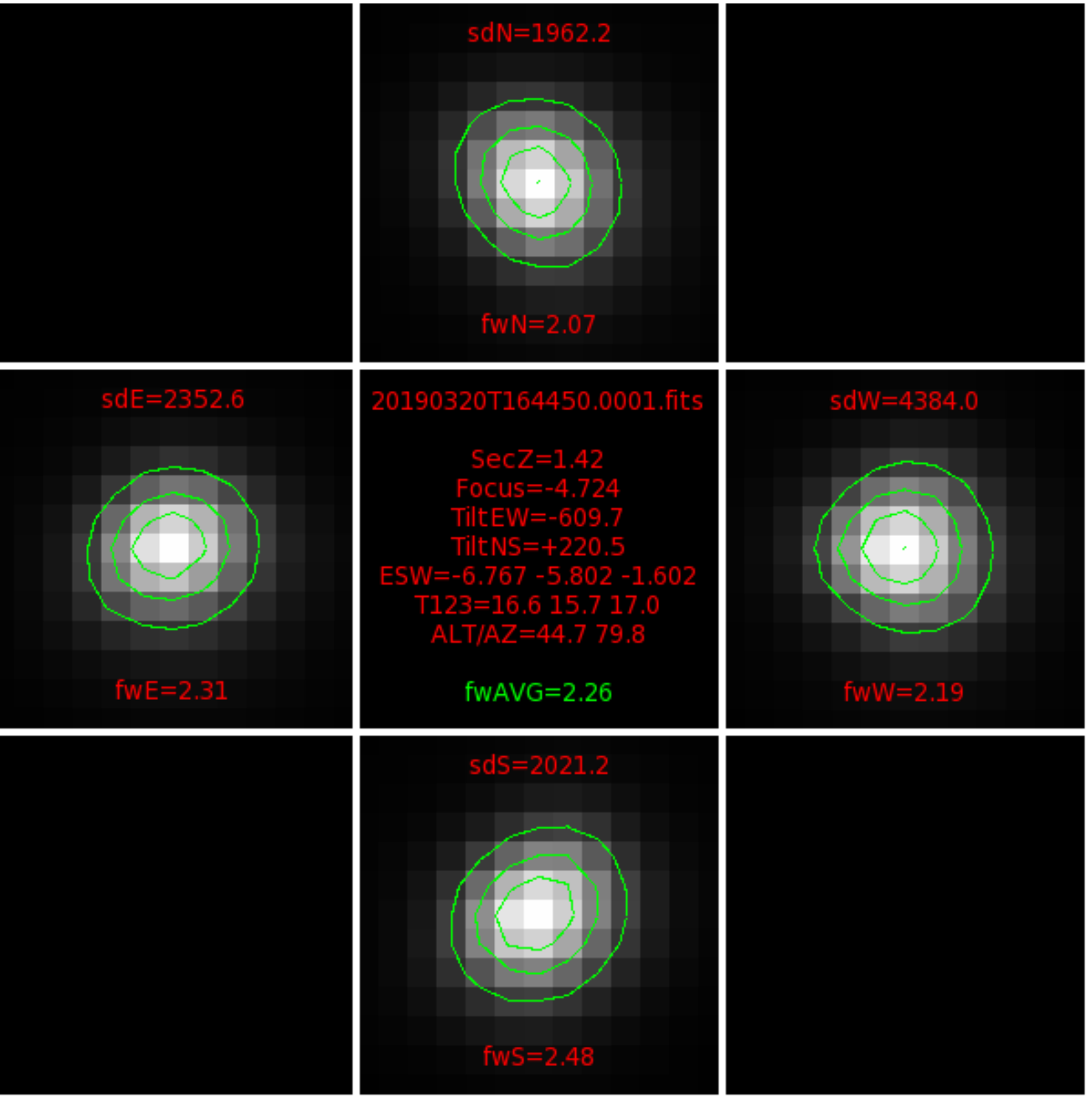
sdN=1962.2
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sdE=2352.6
fwE=2.31
20190320T164450.0001.fits
SecZ=1.42
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.6 15.7 17.0
ALT/AZ=44.7 79.8
fwAVG=2.26
sdW=4384.0
fwW=2.19
sdS=2021.2
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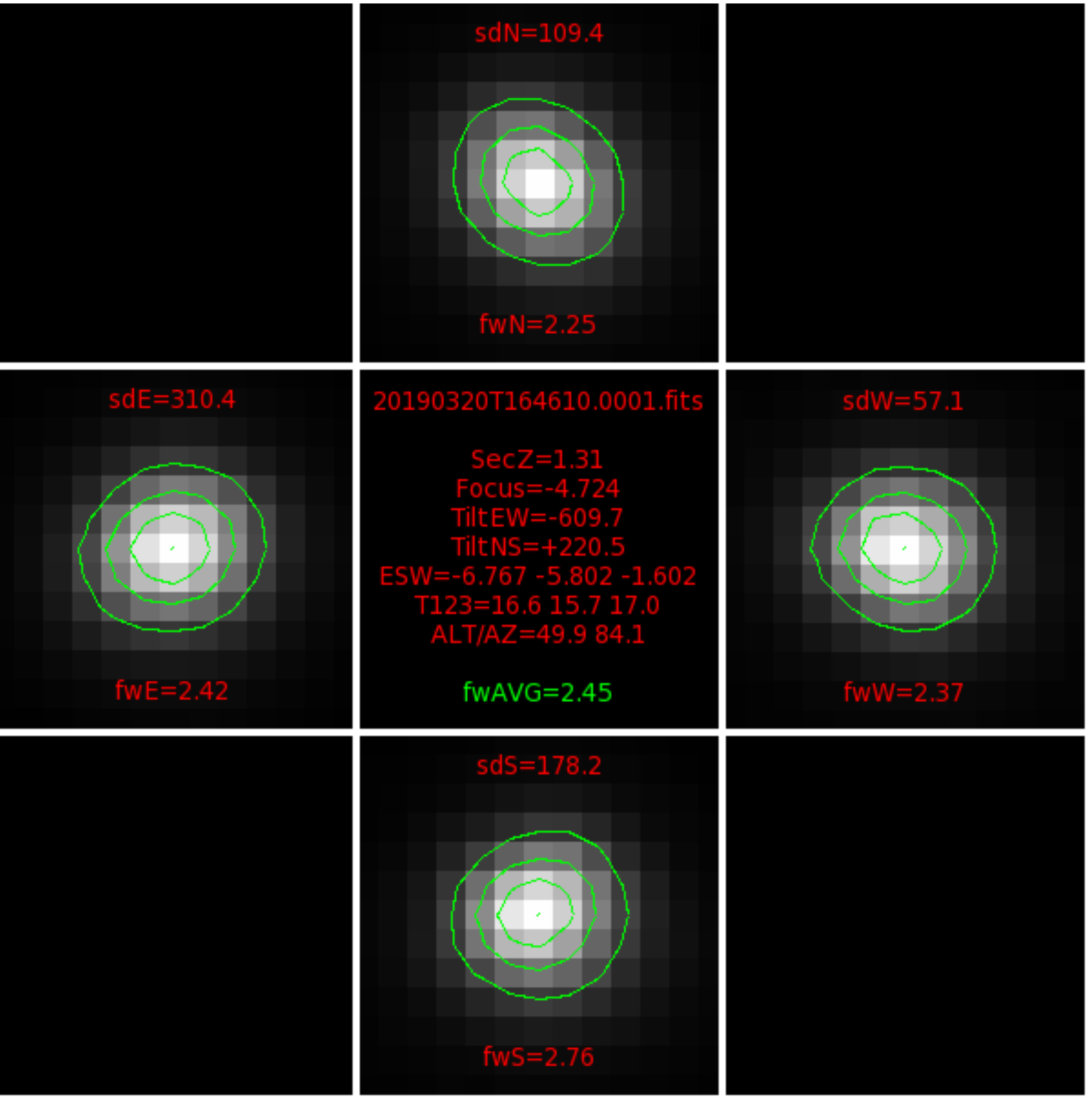
sdN=109.4
fwN=2.25
sdE=310.4
fwE=2.42
20190320T164610.0001.fits
SecZ=1.31
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.6 15.7 17.0
ALT/AZ=49.9 84.1
fwAVG=2.45
sdW=57.1
fwW=2.37
sdS=178.2
fwS=2.76
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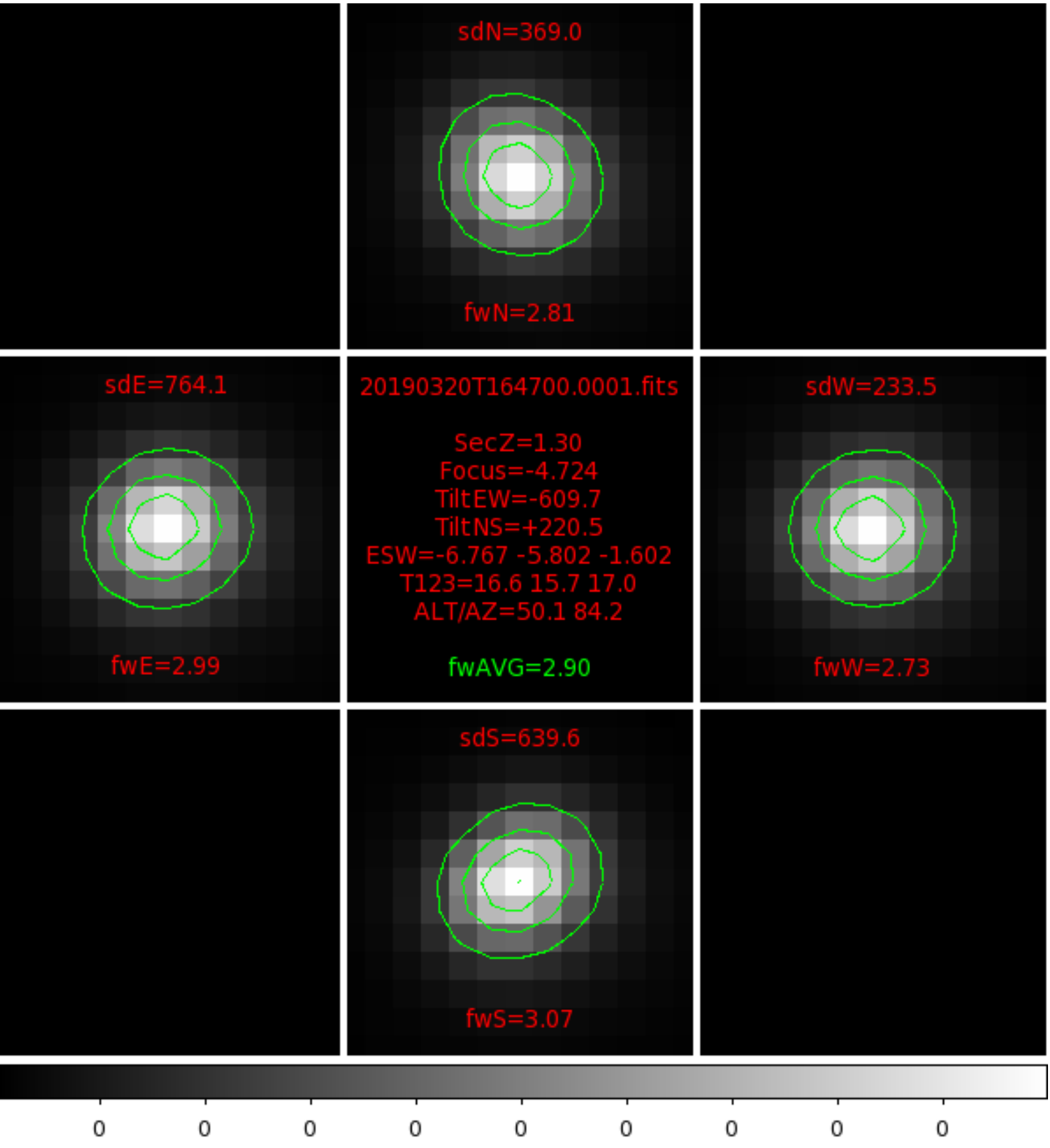
sdN=369.0
fwN=2.81
sdE=764.1
fwE=2.99
20190320T164700.0001.fits
SecZ=1.30
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.6 15.7 17.0
ALT/AZ=50.1 84.2
fwAVG=2.90
sdW=233.5
fwW=2.73
sdS=639.6
fwS=3.07
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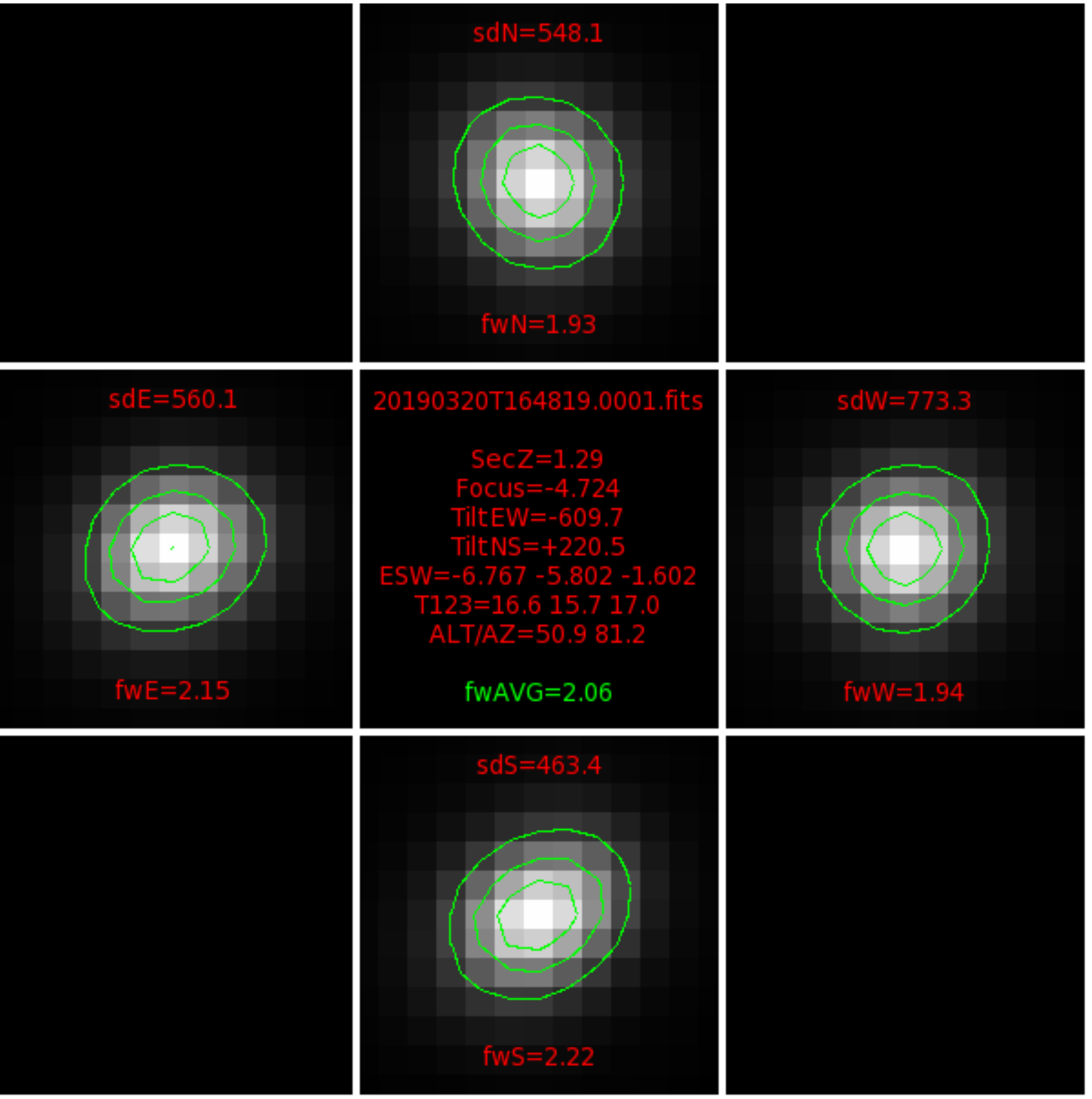
sdN=548.1
fwN=1.93
sdE=560.1
fwE=2.15
20190320T164819.0001.fits
SecZ=1.29
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.6 15.7 17.0
ALT/AZ=50.9 81.2
fwAVG=2.06
sdW=773.3
fwW=1.94
sdS=463.4
fwS=2.22
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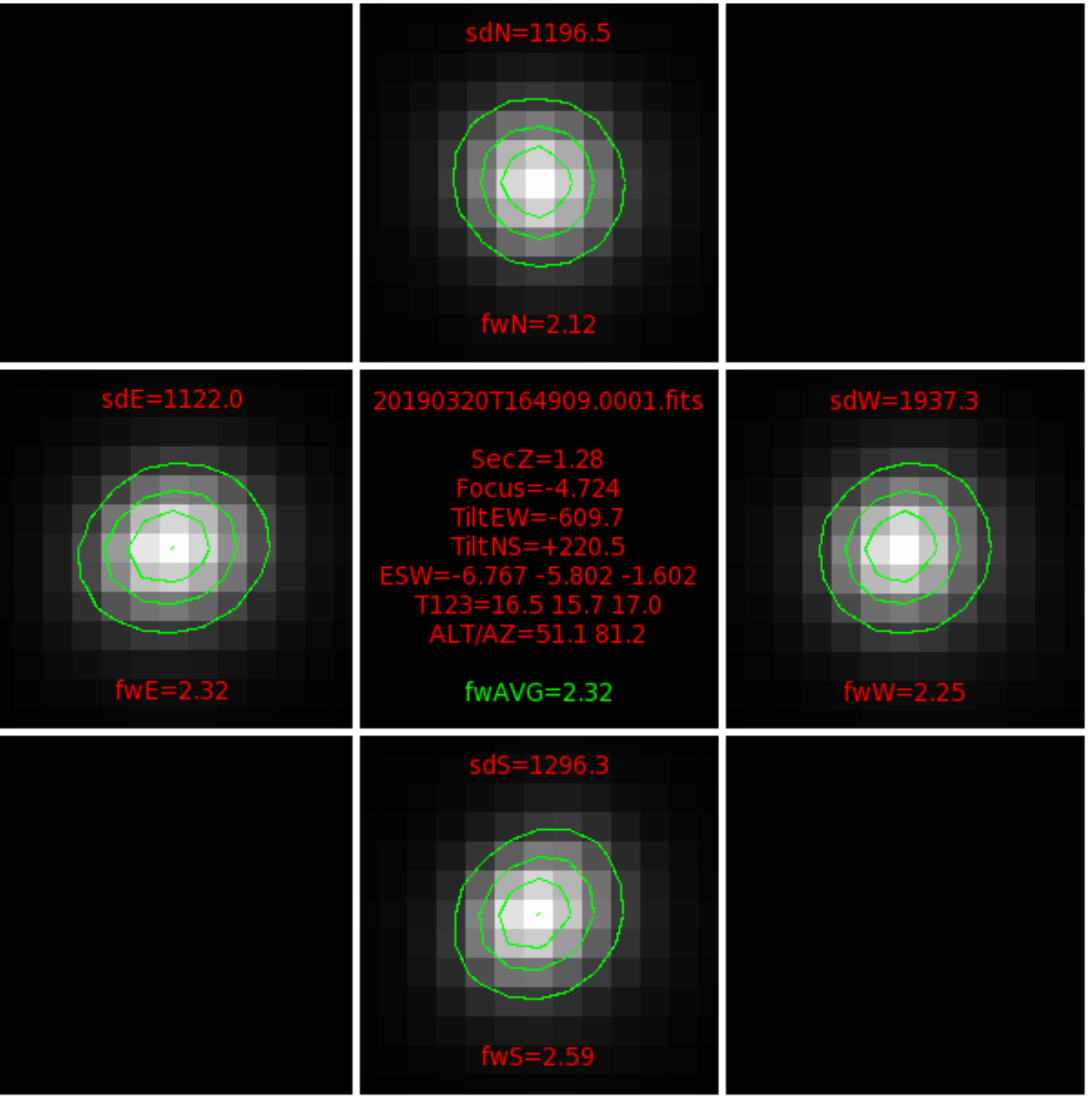
sdN=1196.5
fwN=2.12
sdE=1122.0
fwE=2.32
20190320T164909.0001.fits
SecZ=1.28
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.5 15.7 17.0
ALT/AZ=51.1 81.2
fwAVG=2.32
sdW=1937.3
fwW=2.25
sdS=1296.3
fwS=2.59
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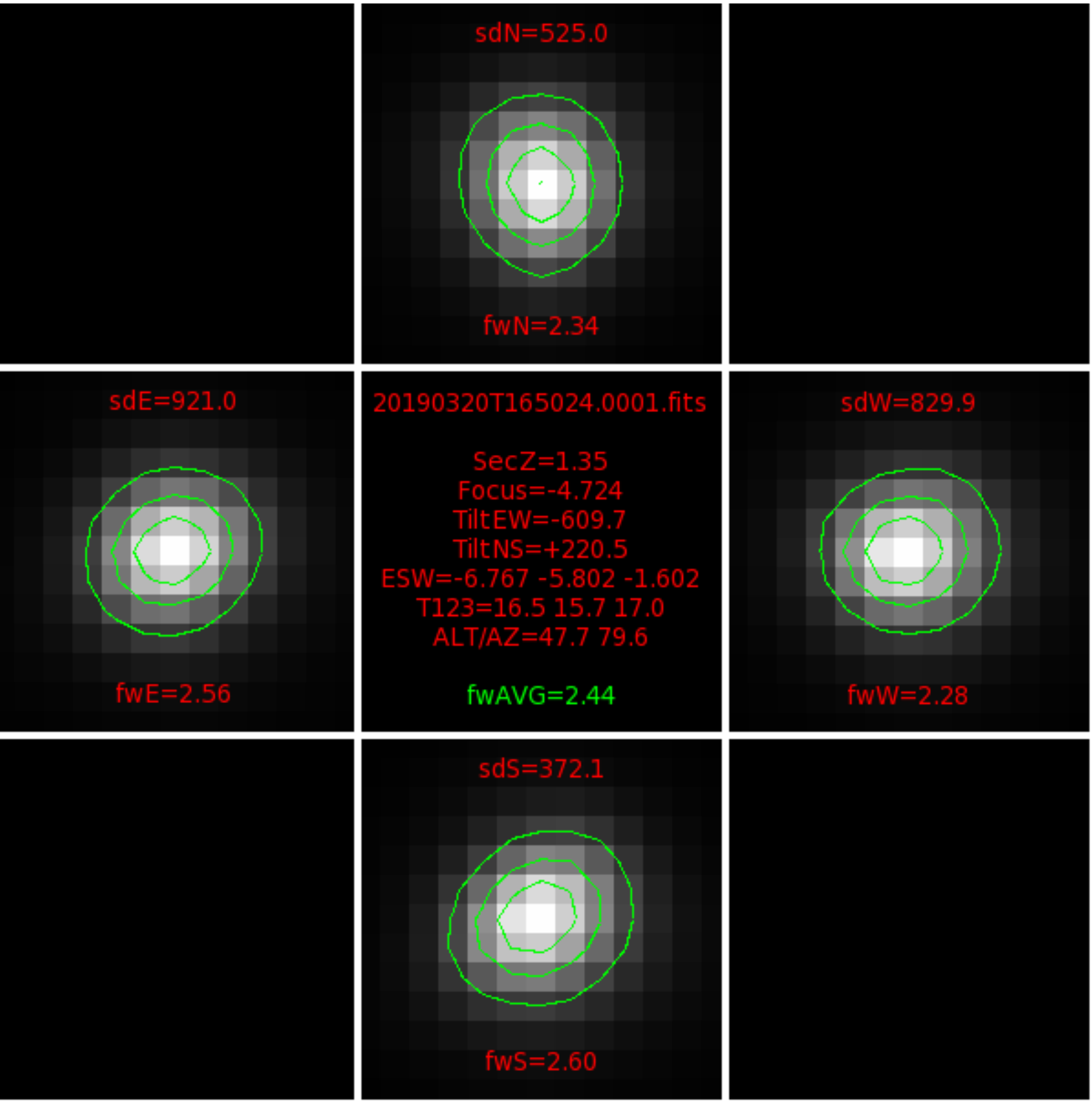
sdN=525.0
fwN=2.34
sdE=921.0
fwE=2.56
20190320T165024.0001.fits
SecZ=1.35
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.5 15.7 17.0
ALT/AZ=47.7 79.6
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sdW=829.9
fwW=2.28
sdS=372.1
fwS=2.60
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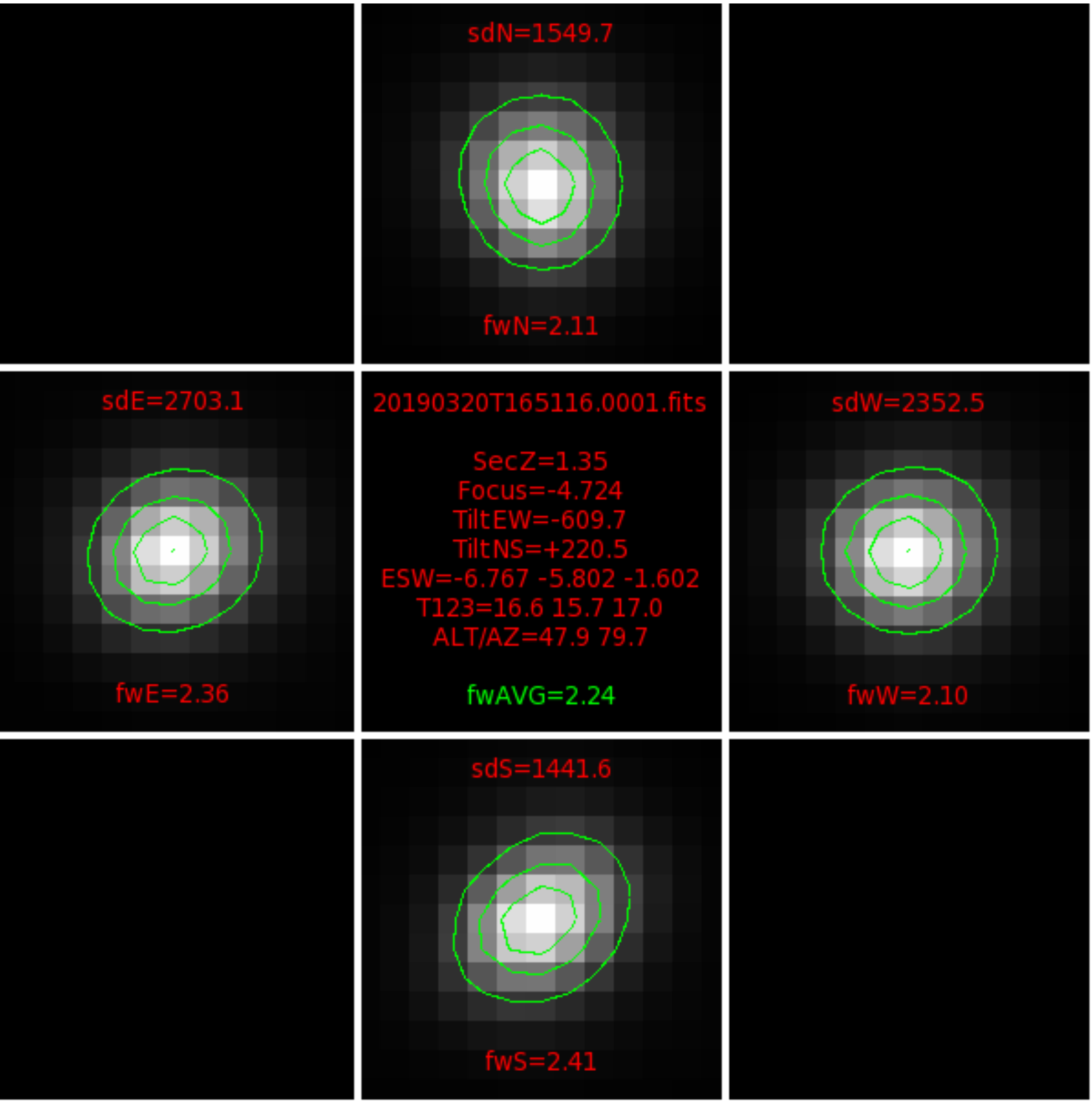
sdN=1549.7
fwN=2.11
sdE=2703.1
fwE=2.36
20190320T165116.0001.fits
SecZ=1.35
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.6 15.7 17.0
ALT/AZ=47.9 79.7
fwAVG=2.24
sdW=2352.5
fwW=2.10
sdS=1441.6
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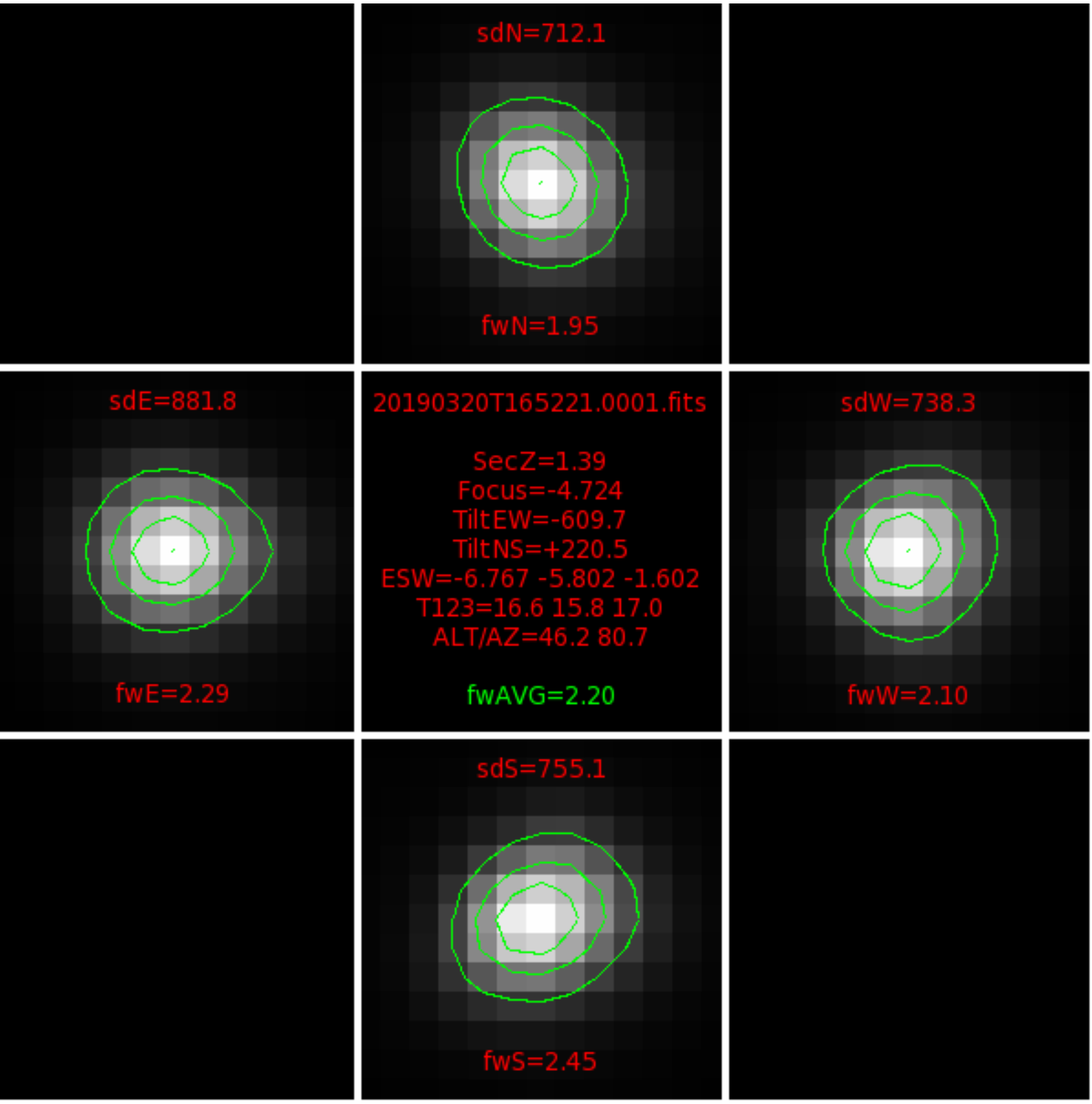
sdN=712.1
fwN=1.95
sdE=881.8
fwE=2.29
20190320T165221.0001.fits
SecZ=1.39
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.6 15.8 17.0
ALT/AZ=46.2 80.7
fwAVG=2.20
sdW=738.3
fwW=2.10
sdS=755.1
fwS=2.45
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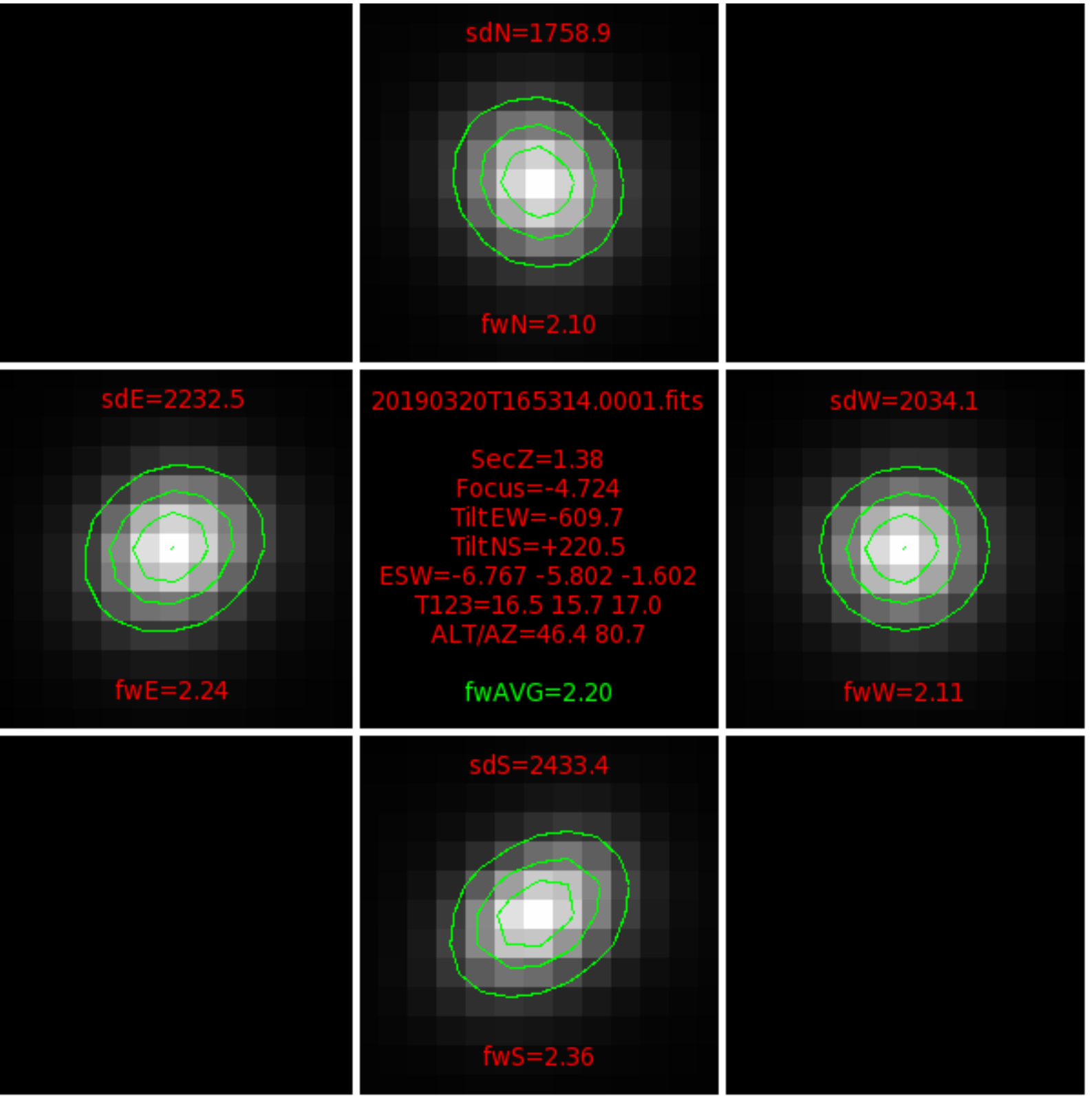
sdN=1758.9
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sdE=2232.5
fwE=2.24
20190320T165314.0001.fits
SecZ=1.38
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.5 15.7 17.0
ALT/AZ=46.4 80.7
fwAVG=2.20
sdW=2034.1
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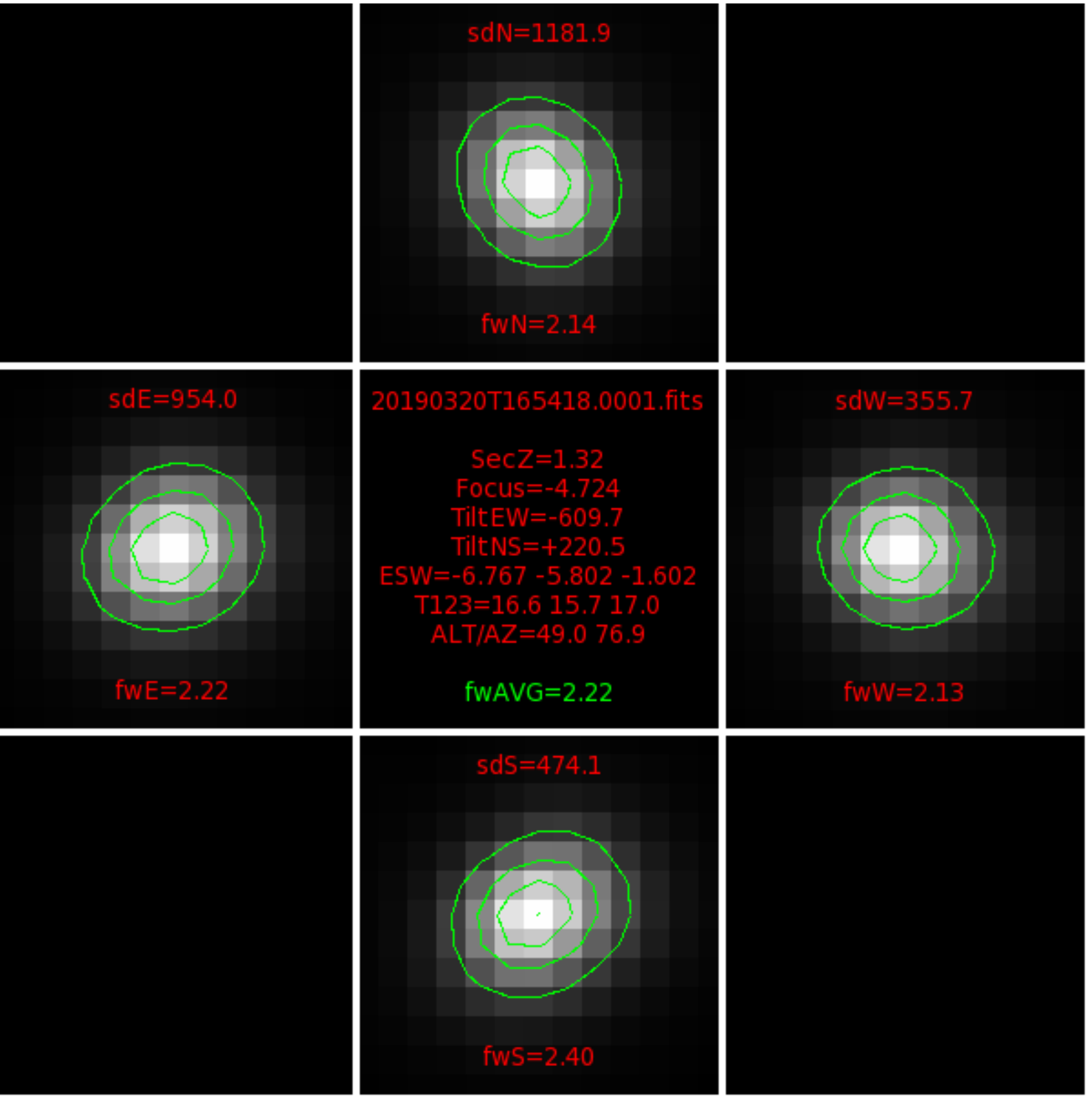
sdN=1181.9
fwN=2.14
sdE=954.0
fwE=2.22
20190320T165418.0001.fits
SecZ=1.32
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.6 15.7 17.0
ALT/AZ=49.0 76.9
fwAVG=2.22
sdW=355.7
fwW=2.13
sdS=474.1
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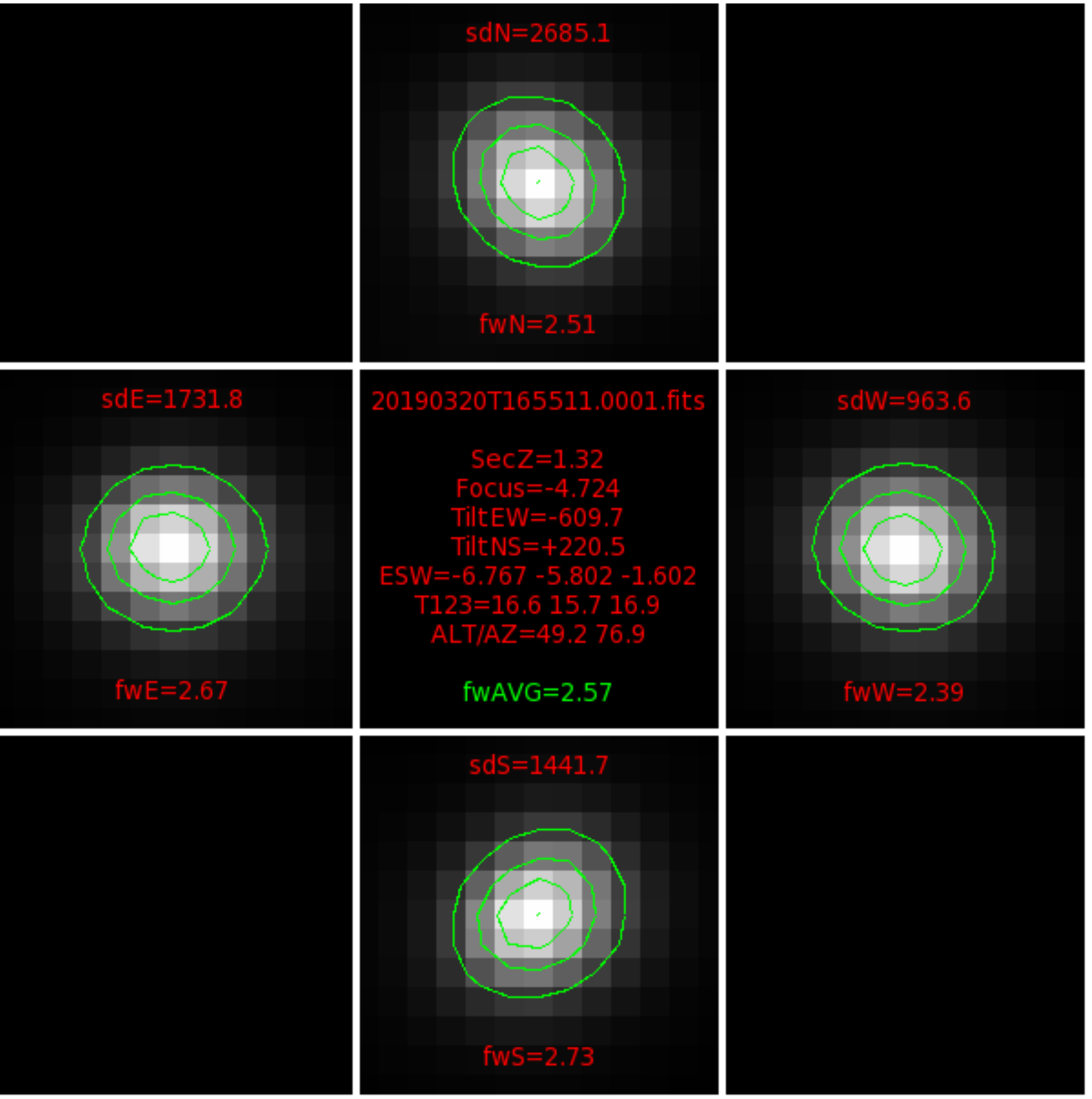
sdN=2685.1
fwN=2.51
sdE=1731.8
fwE=2.67
20190320T165511.0001.fits
SecZ=1.32
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.6 15.7 16.9
ALT/AZ=49.2 76.9
fwAVG=2.57
sdW=963.6
fwW=2.39
sdS=1441.7
fwS=2.73
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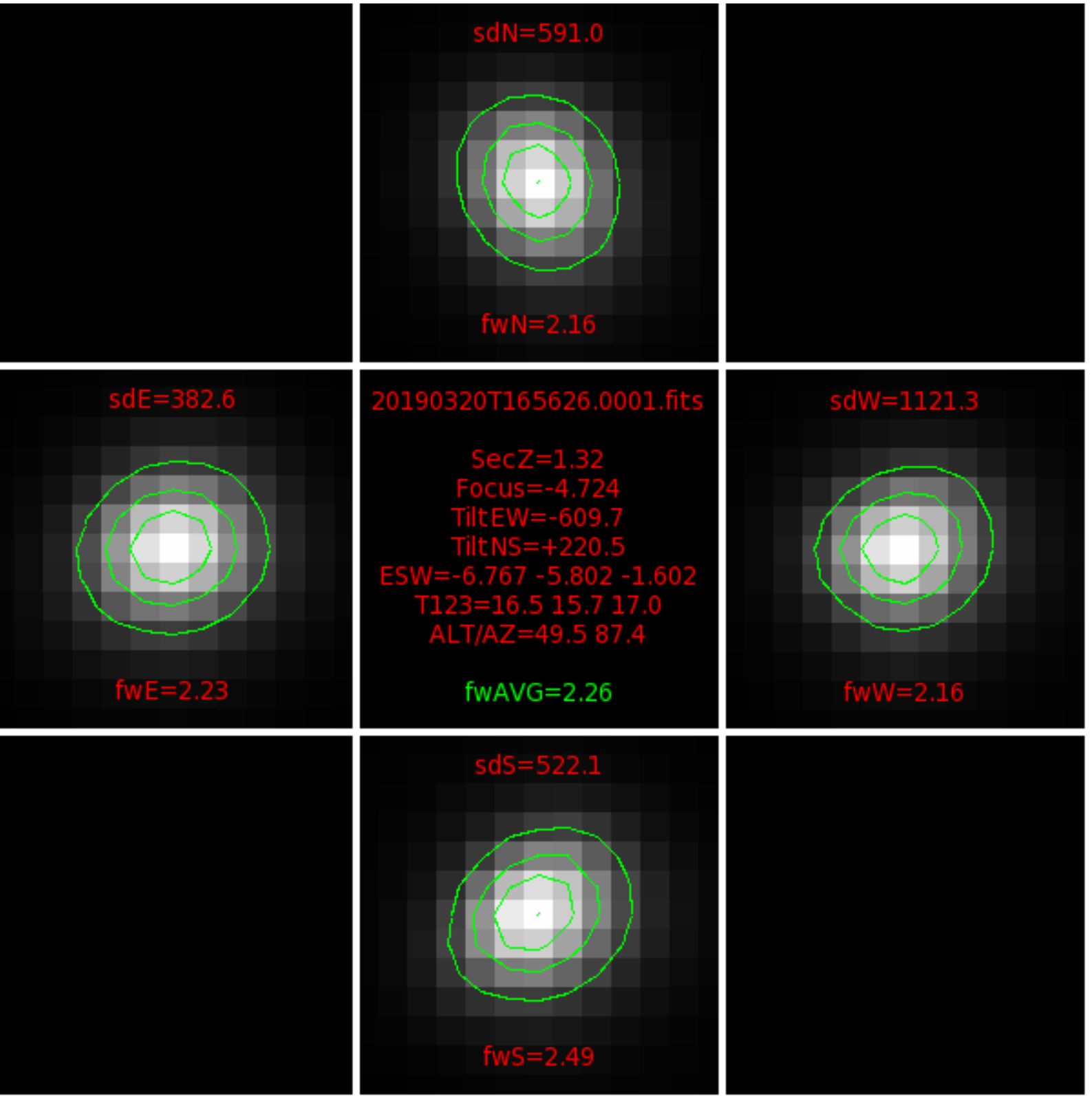
sdN=591.0
fwN=2.16
sdE=382.6
fwE=2.23
20190320T165626.0001.fits
SecZ=1.32
Focus=-4.724
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.767 -5.802 -1.602
T123=16.5 15.7 17.0
ALT/AZ=49.5 87.4
fwAVG=2.26
sdW=1121.3
fwW=2.16
sdS=522.1
fwS=2.49
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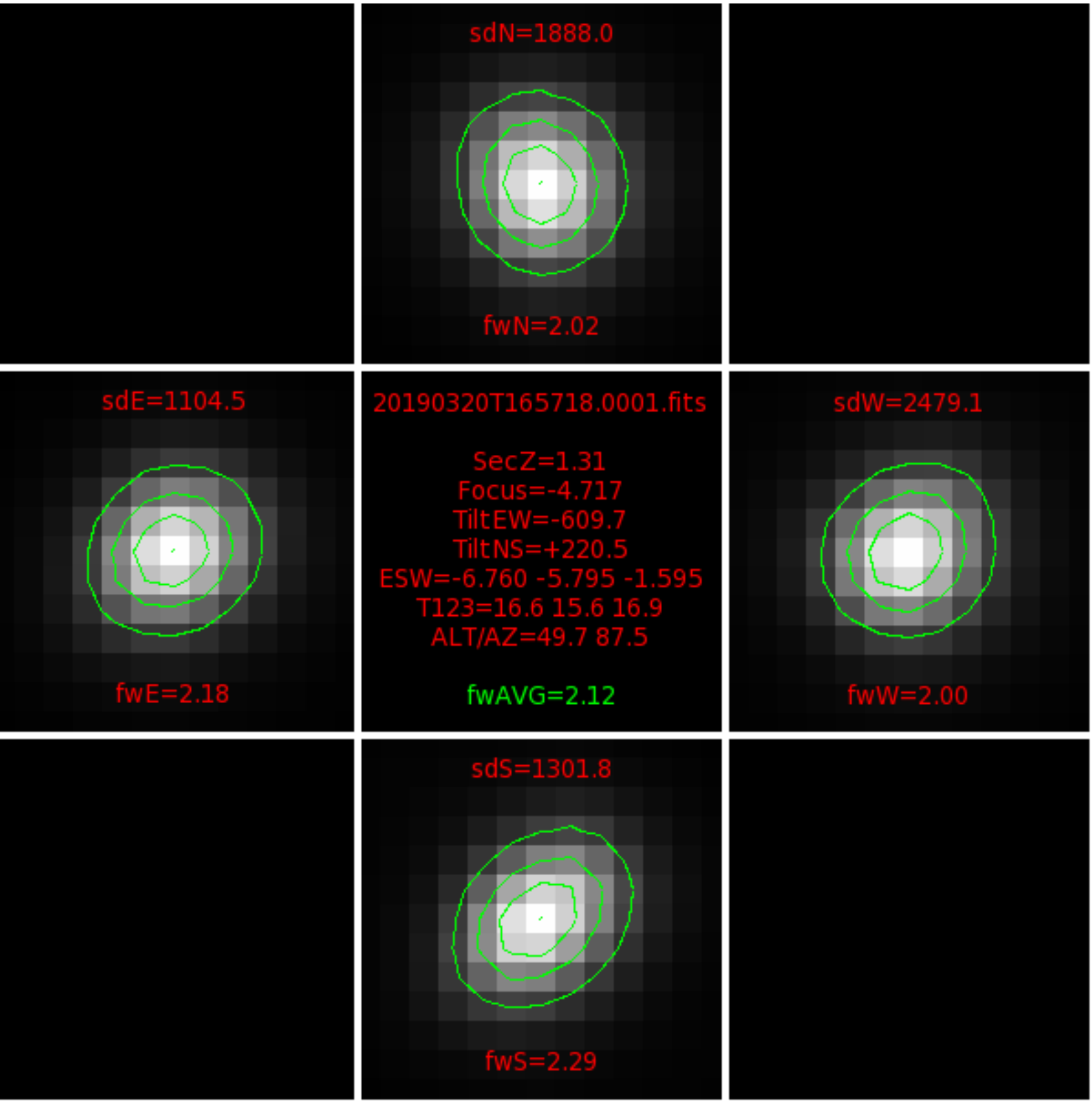
sdN=1888.0
fwN=2.02
sdE=1104.5
fwE=2.18
20190320T165718.0001.fits
SecZ=1.31
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.6 15.6 16.9
ALT/AZ=49.7 87.5
fwAVG=2.12
sdW=2479.1
fwW=2.00
sdS=1301.8
fwS=2.29
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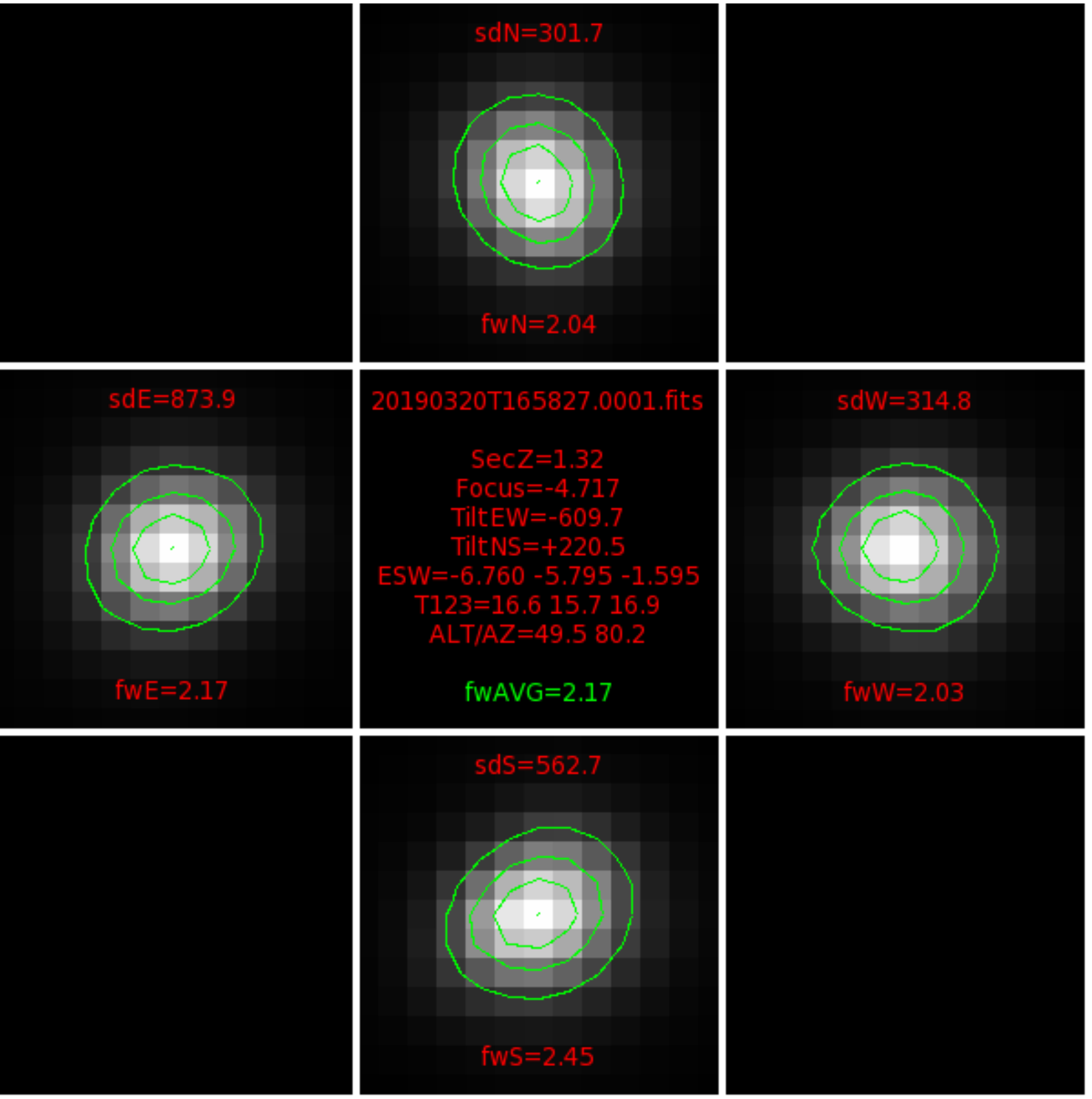
sdN=301.7
fwN=2.04
sdE=873.9
fwE=2.17
20190320T165827.0001.fits
SecZ=1.32
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.6 15.7 16.9
ALT/AZ=49.5 80.2
fwAVG=2.17
sdW=314.8
fwW=2.03
sdS=562.7
fwS=2.45
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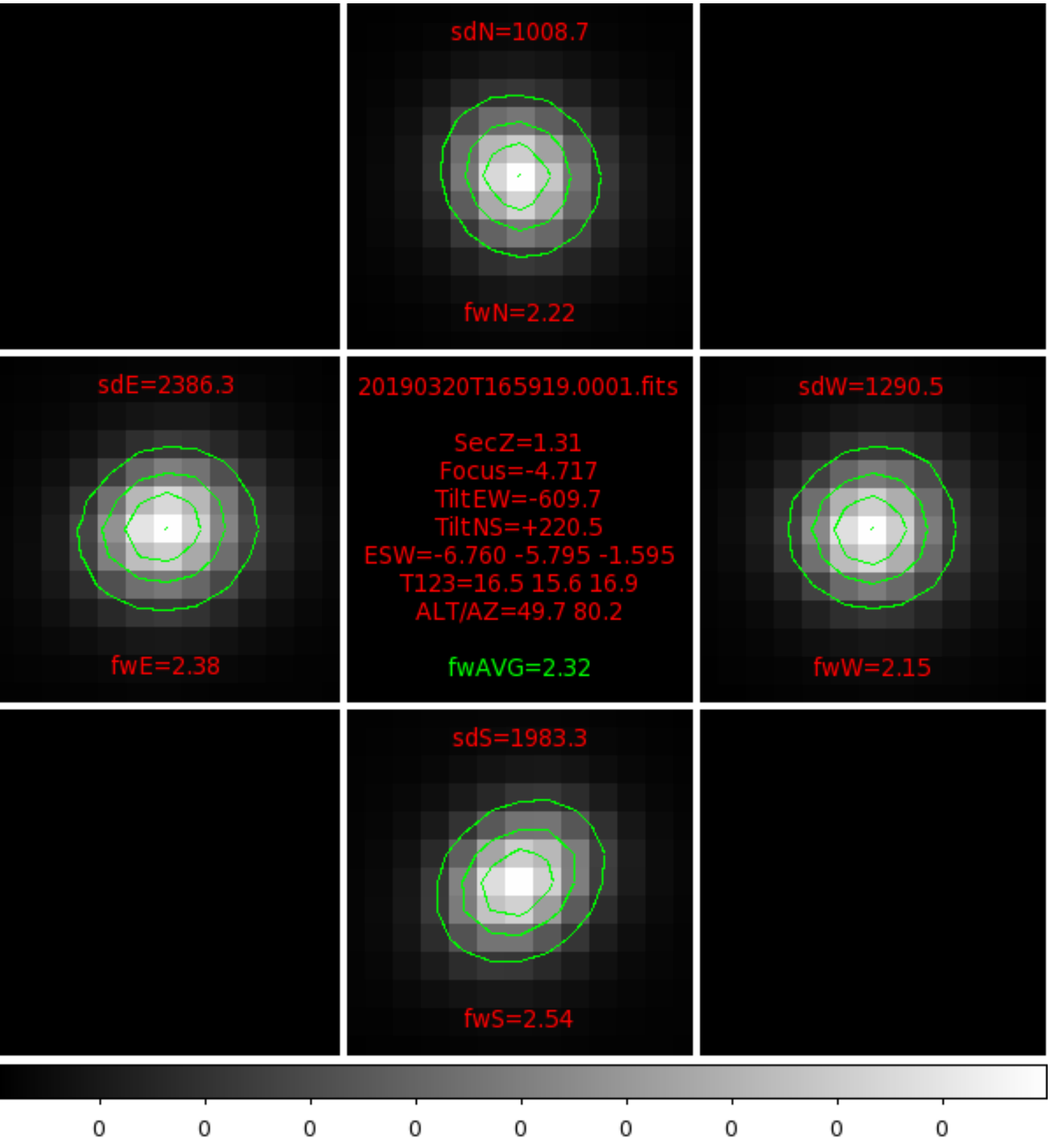
sdN=1008.7
fwN=2.22
sdE=2386.3
fwE=2.38
20190320T165919.0001.fits
SecZ=1.31
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.5 15.6 16.9
ALT/AZ=49.7 80.2
fwAVG=2.32
sdW=1290.5
fwW=2.15
sdS=1983.3
fwS=2.54
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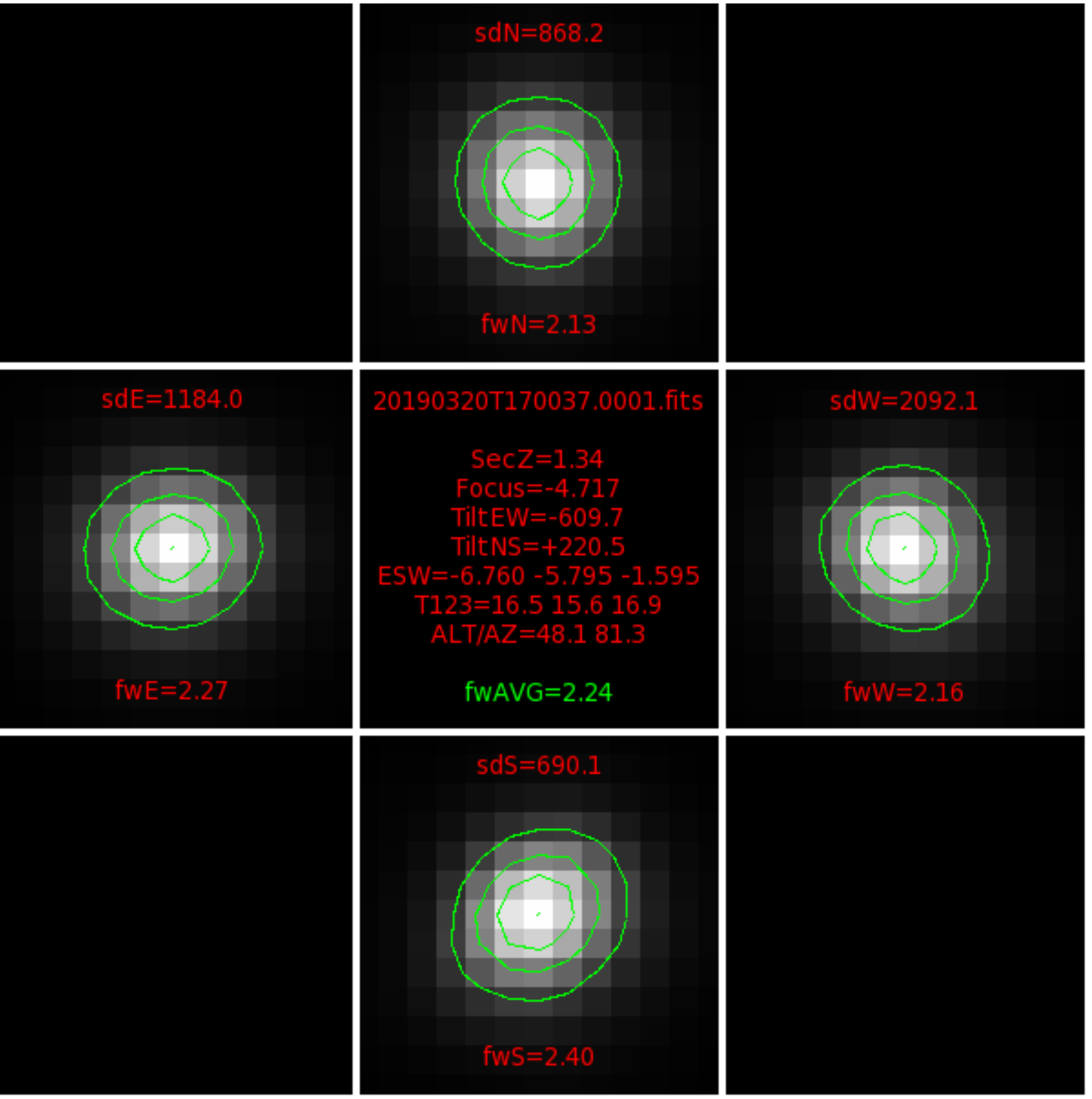
sdN=868.2
fwN=2.13
sdE=1184.0
fwE=2.27
20190320T170037.0001.fits
SecZ=1.34
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.5 15.6 16.9
ALT/AZ=48.1 81.3
fwAVG=2.24
sdW=2092.1
fwW=2.16
sdS=690.1
fwS=2.40
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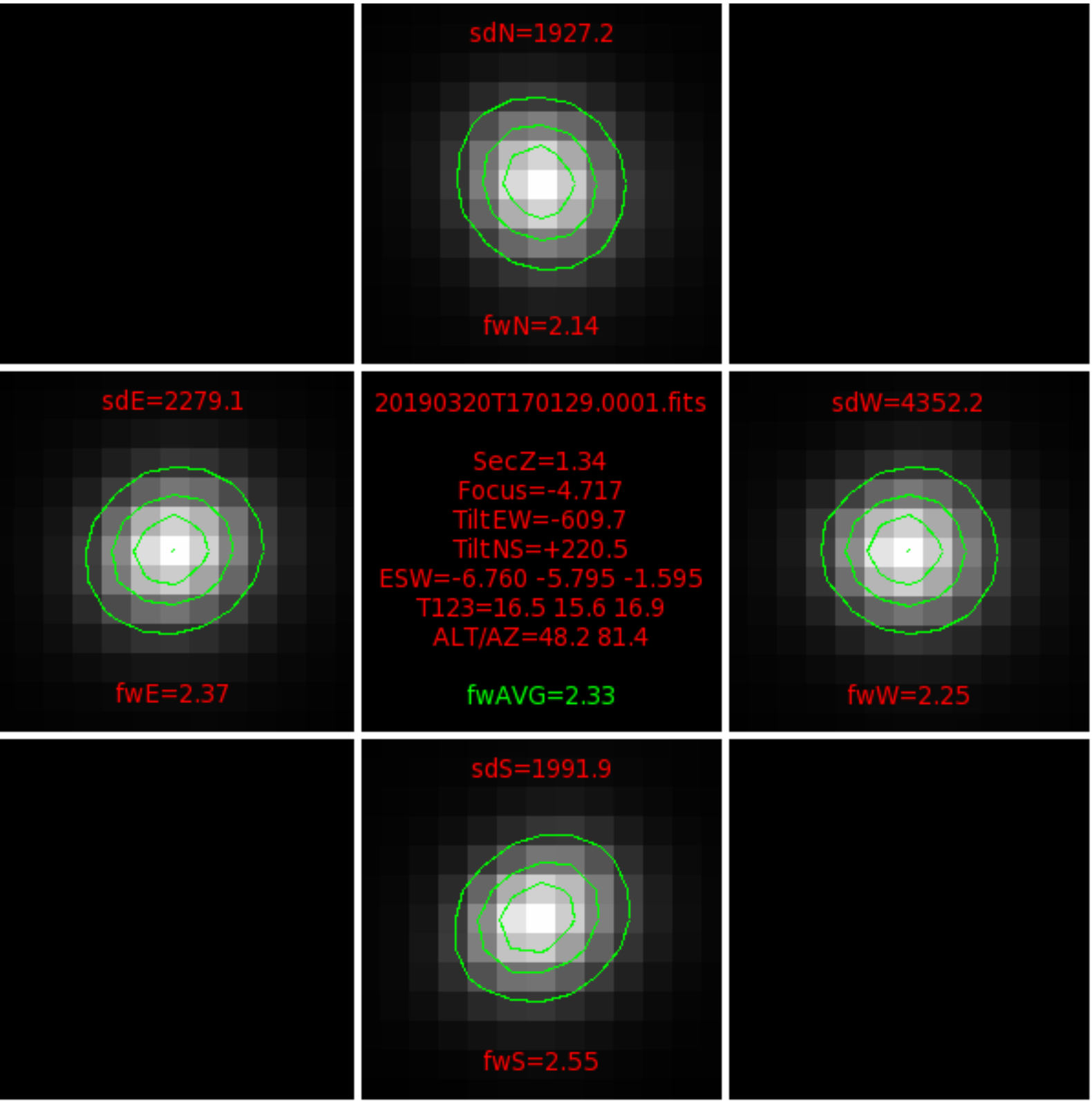
sdN=1927.2
fwN=2.14
sdE=2279.1
fwE=2.37
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SecZ=1.34
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.5 15.6 16.9
ALT/AZ=48.2 81.4
fwAVG=2.33
sdW=4352.2
fwW=2.25
sdS=1991.9
fwS=2.55
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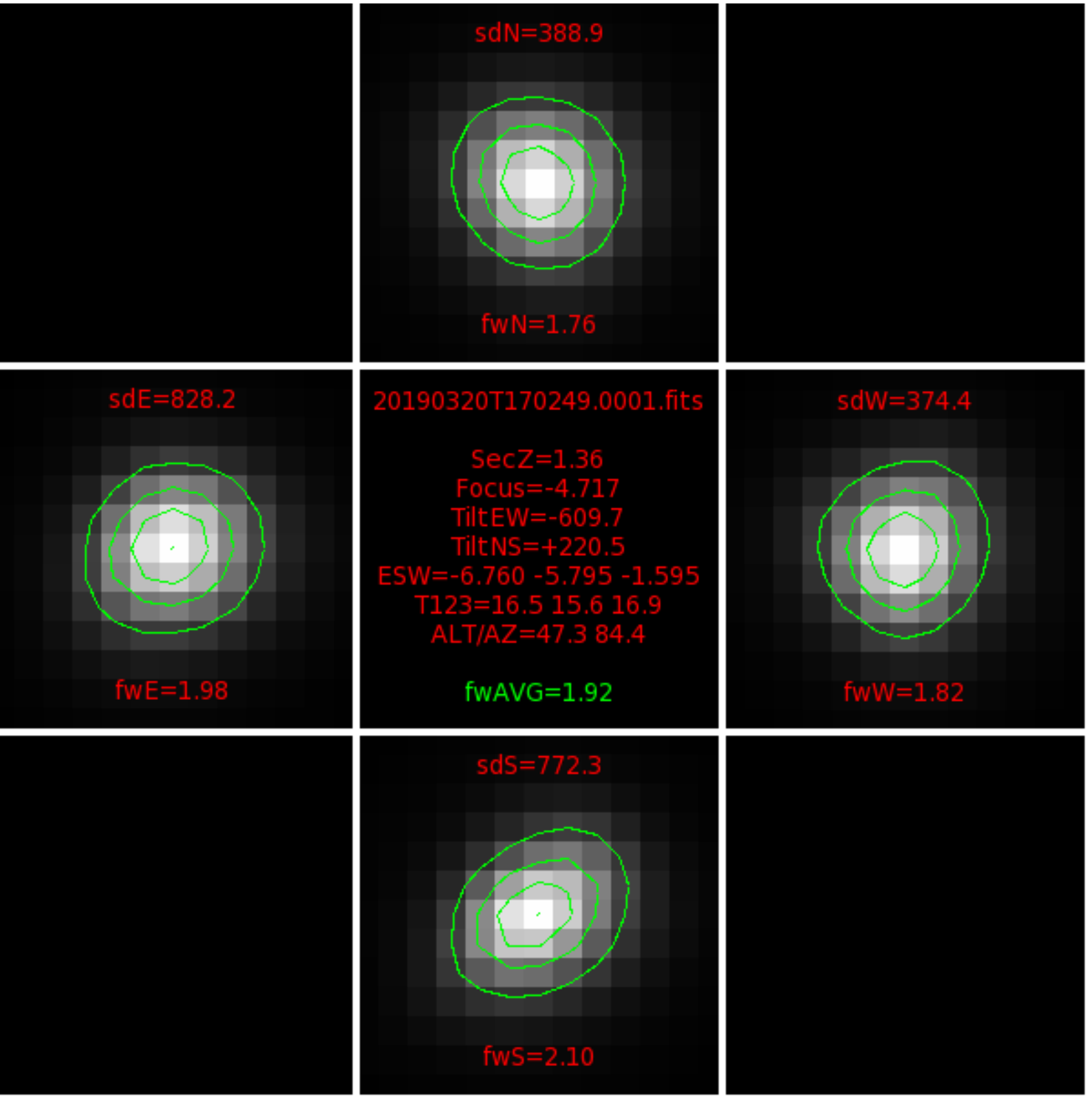
sdN=388.9
fwN=1.76
sdE=828.2
fwE=1.98
20190320T170249.0001.fits
SecZ=1.36
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.5 15.6 16.9
ALT/AZ=47.3 84.4
fwAVG=1.92
sdW=374.4
fwW=1.82
sdS=772.3
fwS=2.10
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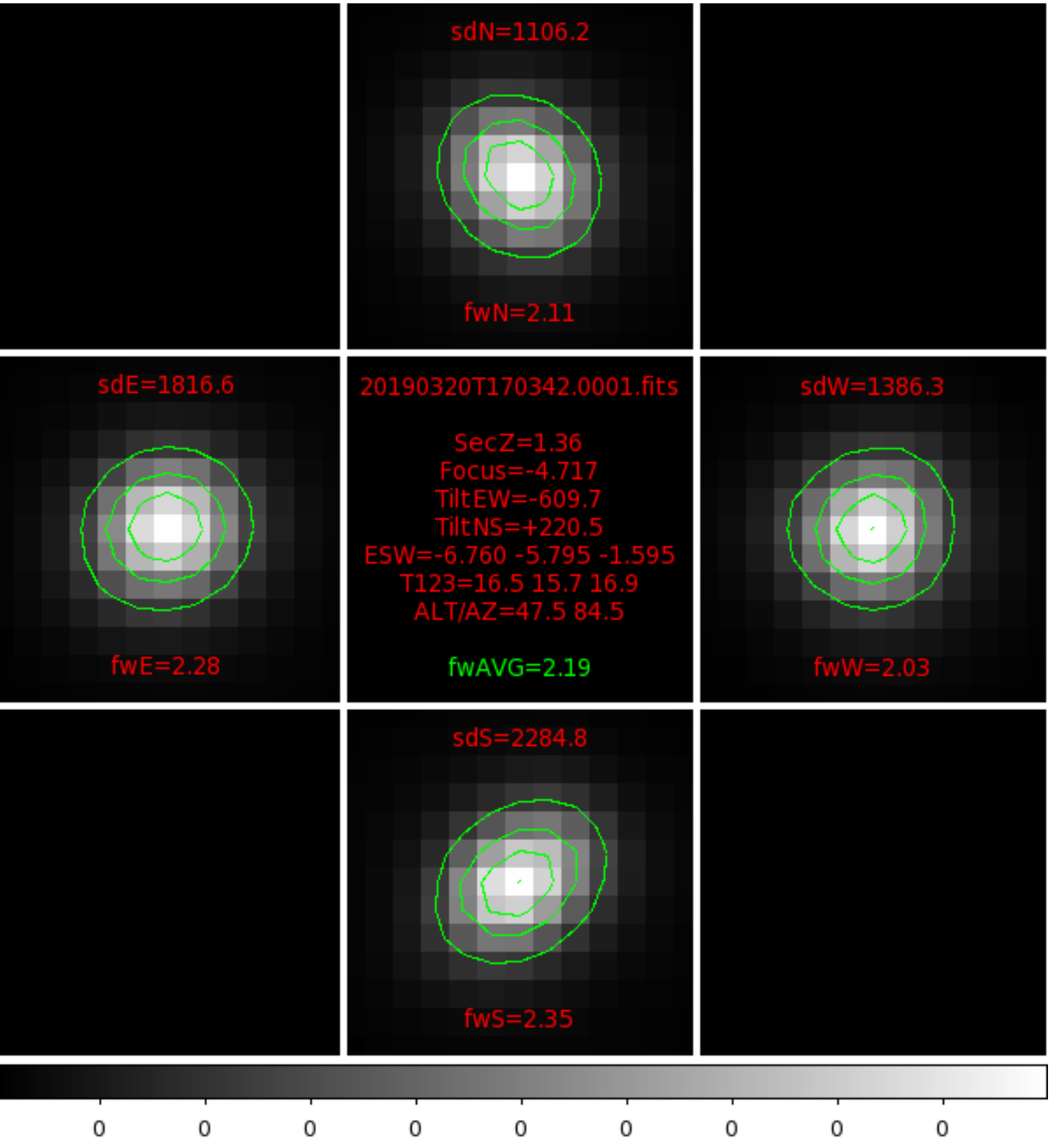
sdN=1106.2
fwN=2.11
sdE=1816.6
fwE=2.28
20190320T170342.0001.fits
SecZ=1.36
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.5 15.7 16.9
ALT/AZ=47.5 84.5
fwAVG=2.19
sdW=1386.3
fwW=2.03
sdS=2284.8
fwS=2.35
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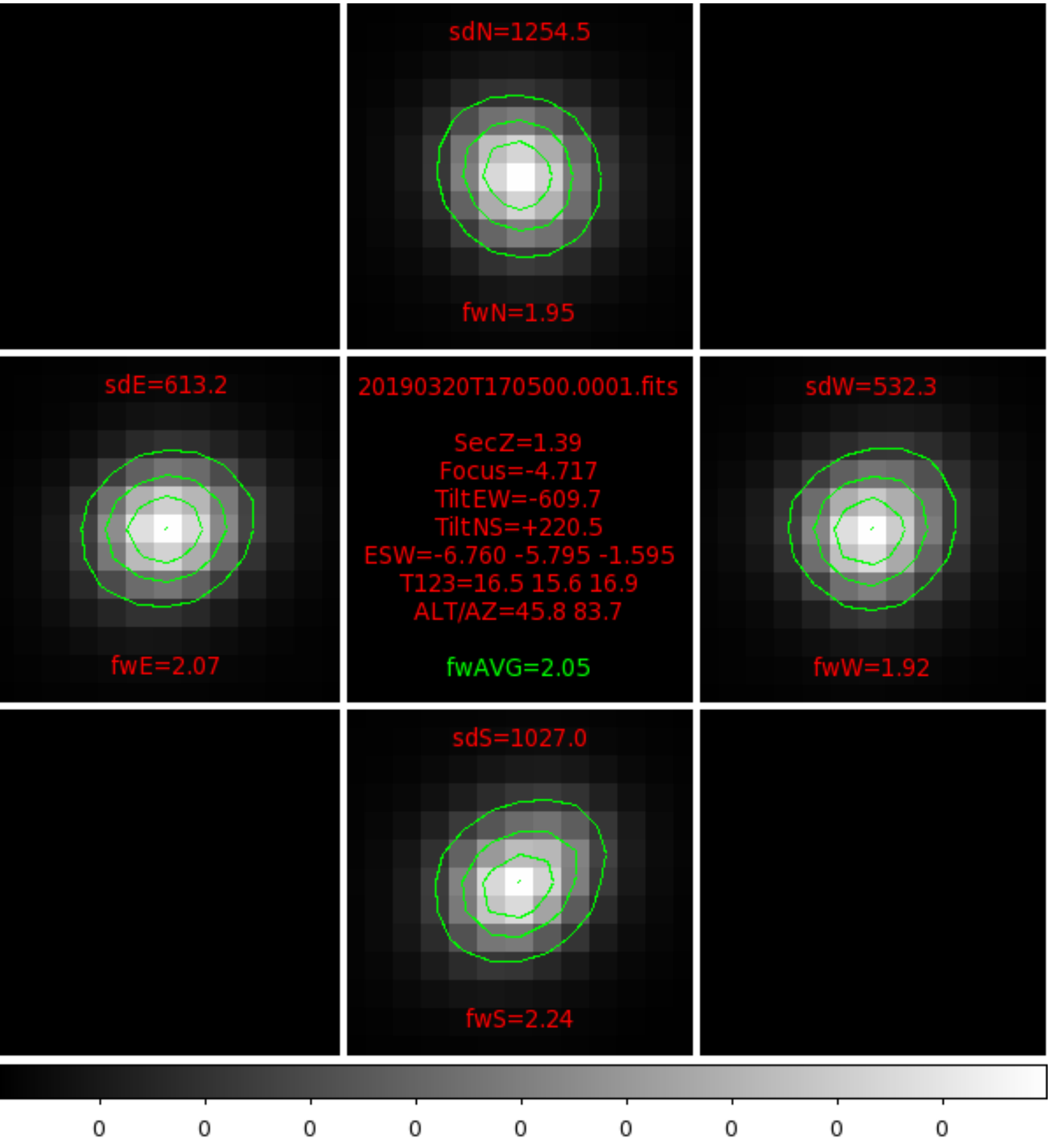
sdN=1254.5
fwN=1.95
sdE=613.2
fwE=2.07
20190320T170500.0001.fits
SecZ=1.39
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.5 15.6 16.9
ALT/AZ=45.8 83.7
fwAVG=2.05
sdW=532.3
fwW=1.92
sdS=1027.0
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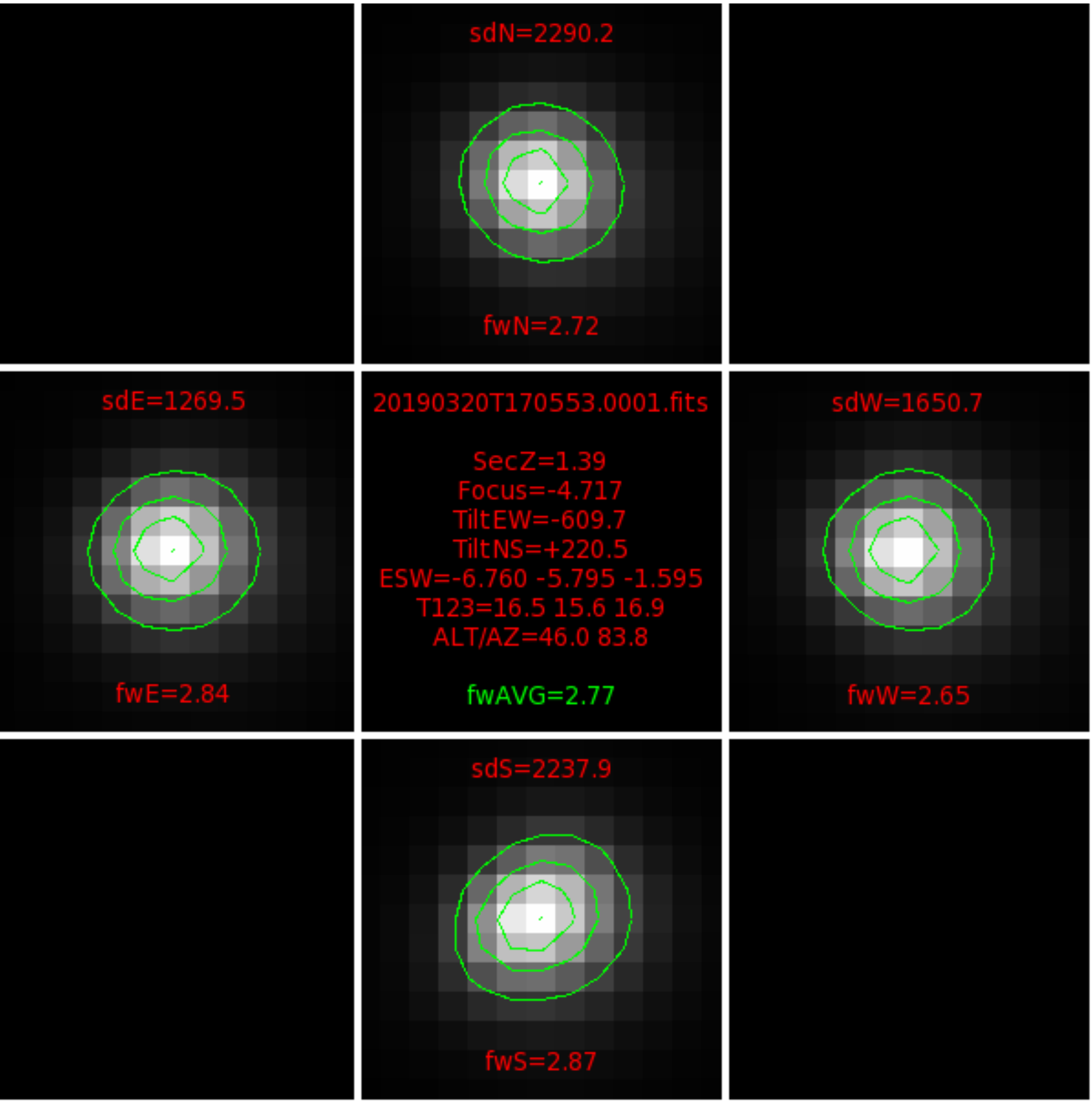
sdN=2290.2
fwN=2.72
sdE=1269.5
fwE=2.84
20190320T170553.0001.fits
SecZ=1.39
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.5 15.6 16.9
ALT/AZ=46.0 83.8
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sdW=1650.7
fwW=2.65
sdS=2237.9
fwS=2.87
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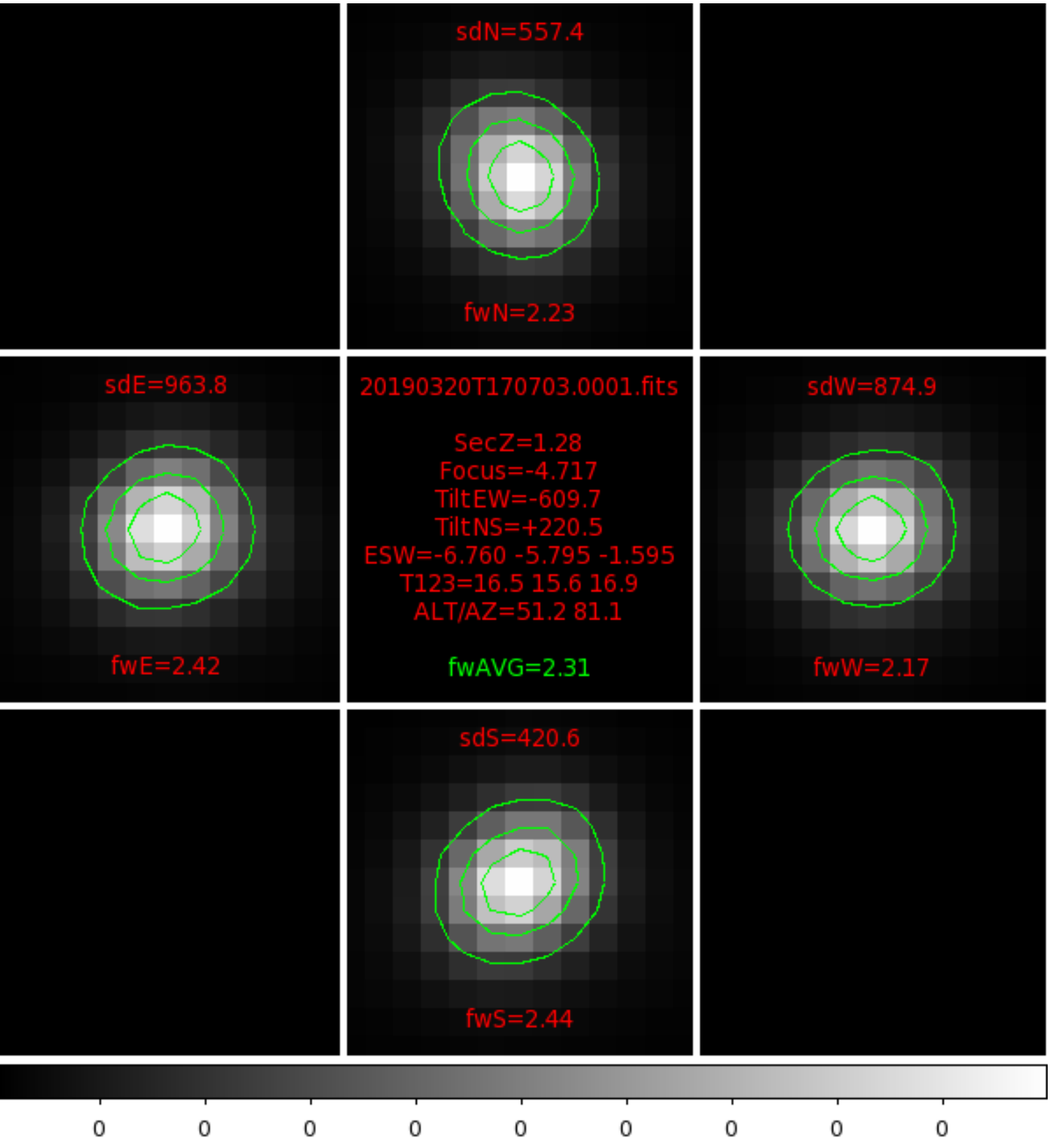
sdN=557.4
fwN=2.23
sdE=963.8
fwE=2.42
20190320T170703.0001.fits
SecZ=1.28
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.5 15.6 16.9
ALT/AZ=51.2 81.1
fwAVG=2.31
sdW=874.9
fwW=2.17
sdS=420.6
fwS=2.44
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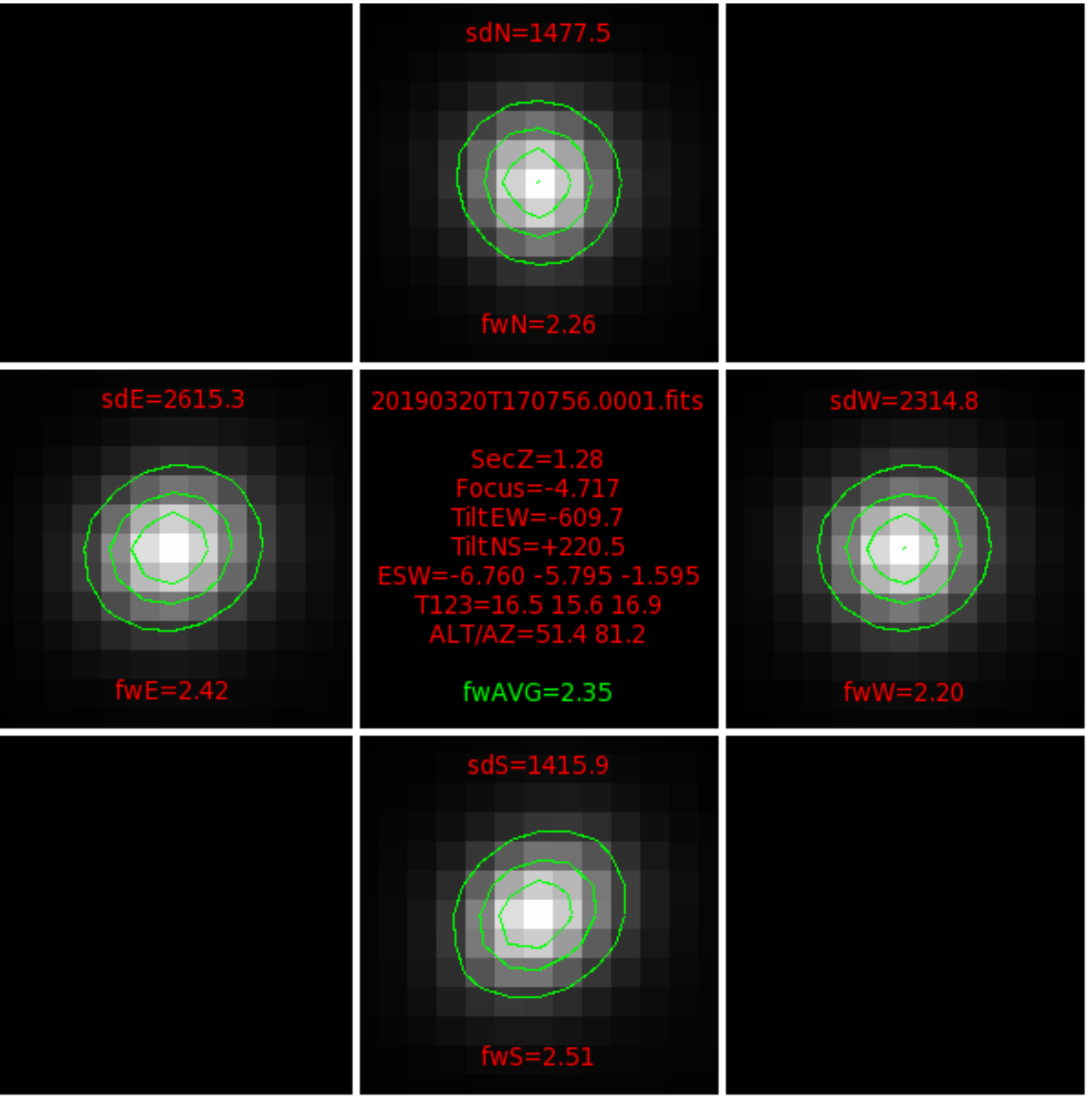
sdN=1477.5
fwN=2.26
sdE=2615.3
fwE=2.42
20190320T170756.0001.fits
SecZ=1.28
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.5 15.6 16.9
ALT/AZ=51.4 81.2
fwAVG=2.35
sdW=2314.8
fwW=2.20
sdS=1415.9
fwS=2.51
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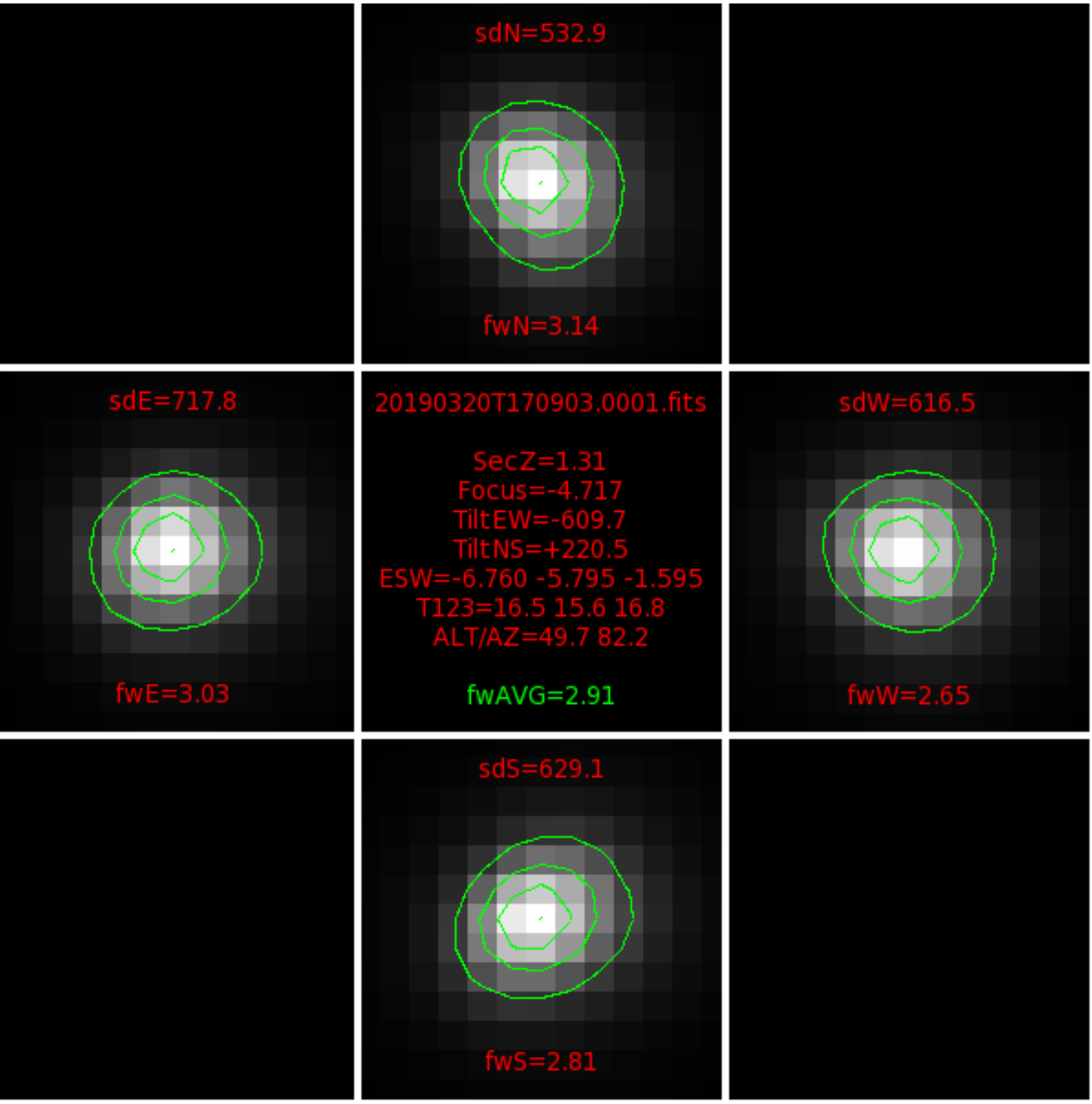
sdN=532.9
fwN=3.14
sdE=717.8
fwE=3.03
20190320T170903.0001.fits
SecZ=1.31
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.5 15.6 16.8
ALT/AZ=49.7 82.2
fwAVG=2.91
sdW=616.5
fwW=2.65
sdS=629.1
fwS=2.81
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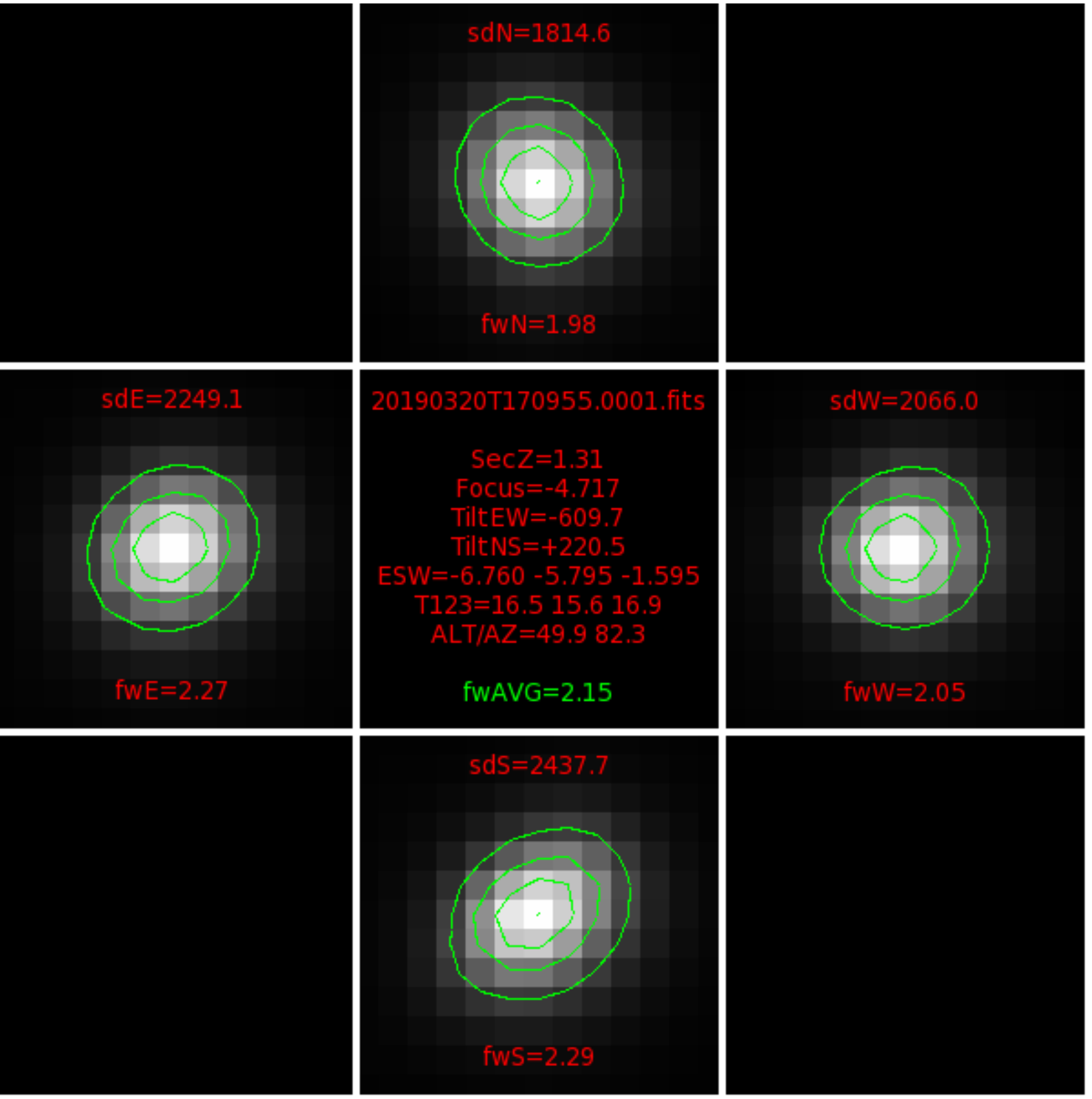
sdN=1814.6
fwN=1.98
sdE=2249.1
fwE=2.27
20190320T170955.0001.fits
SecZ=1.31
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.5 15.6 16.9
ALT/AZ=49.9 82.3
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sdW=2066.0
fwW=2.05
sdS=2437.7
fwS=2.29
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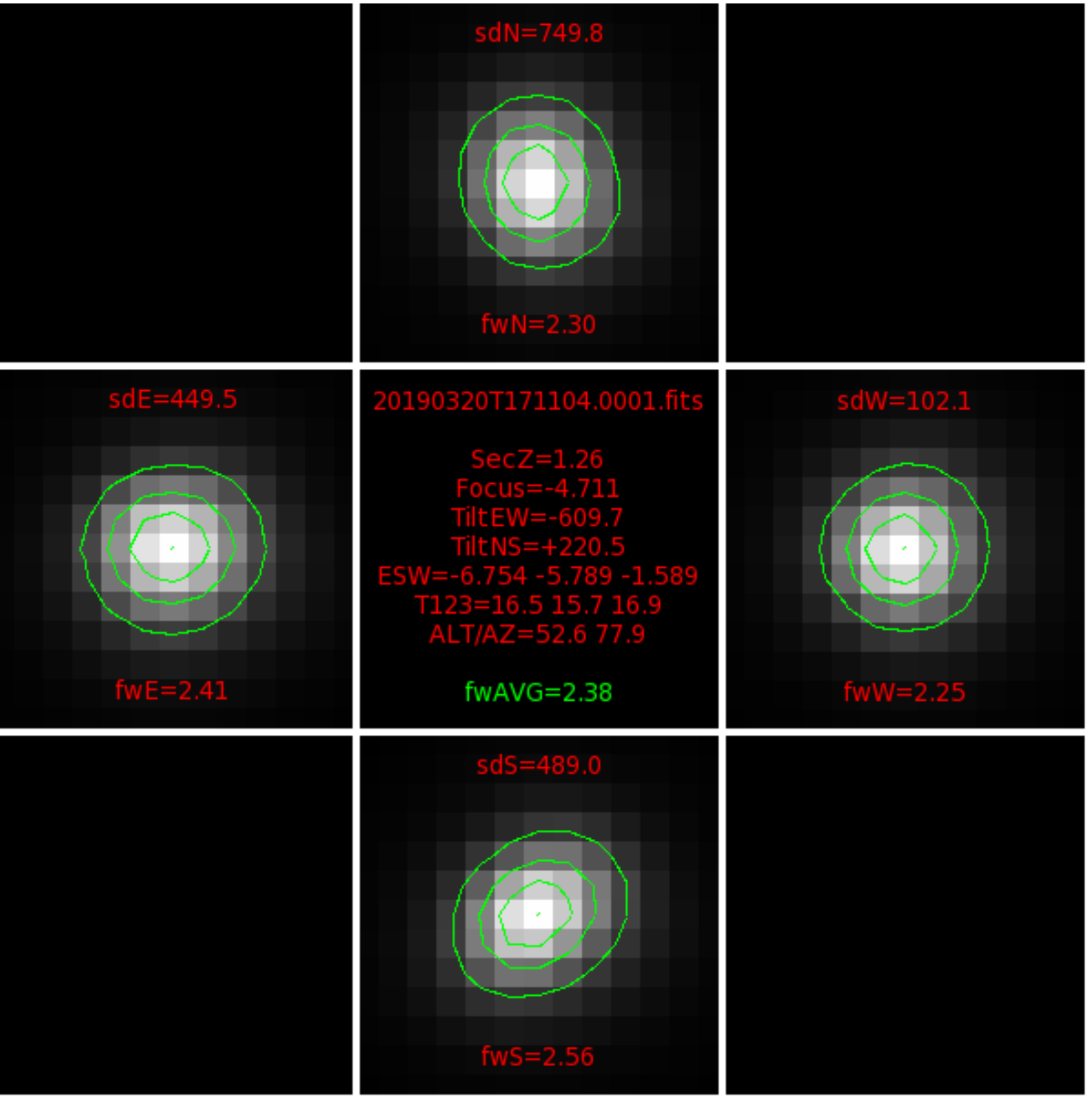
sdN=749.8
fwN=2.30
sdE=449.5
fwE=2.41
20190320T171104.0001.fits
SecZ=1.26
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.7 16.9
ALT/AZ=52.6 77.9
fwAVG=2.38
sdW=102.1
fwW=2.25
sdS=489.0
fwS=2.56
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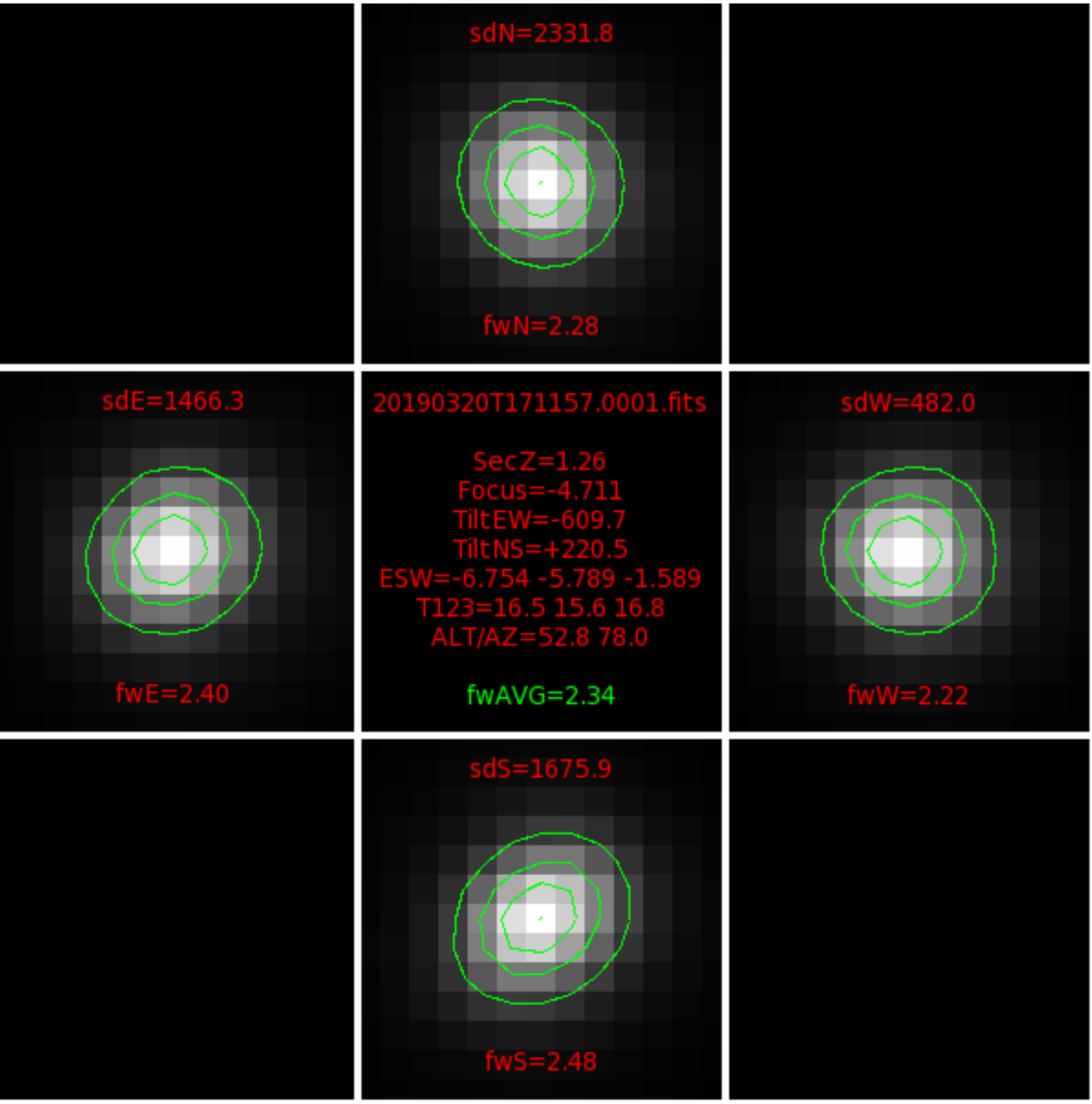
sdN=2331.8
fwN=2.28
sdE=1466.3
fwE=2.40
20190320T171157.0001.fits
SecZ=1.26
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=52.8 78.0
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sdW=482.0
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sdS=1675.9
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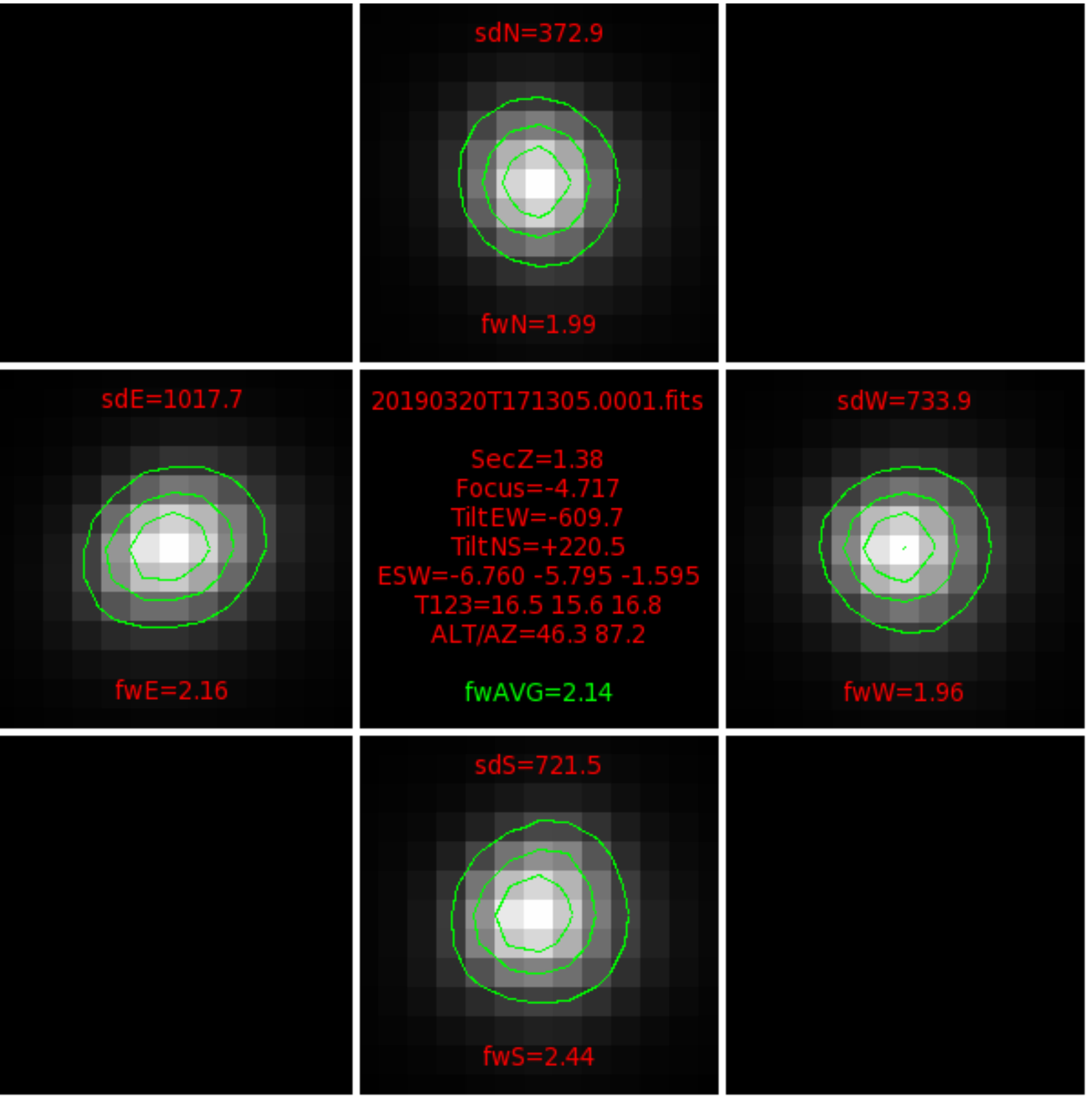
sdN=372.9
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sdE=1017.7
fwE=2.16
20190320T171305.0001.fits
SecZ=1.38
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.5 15.6 16.8
ALT/AZ=46.3 87.2
fwAVG=2.14
sdW=733.9
fwW=1.96
sdS=721.5
fwS=2.44
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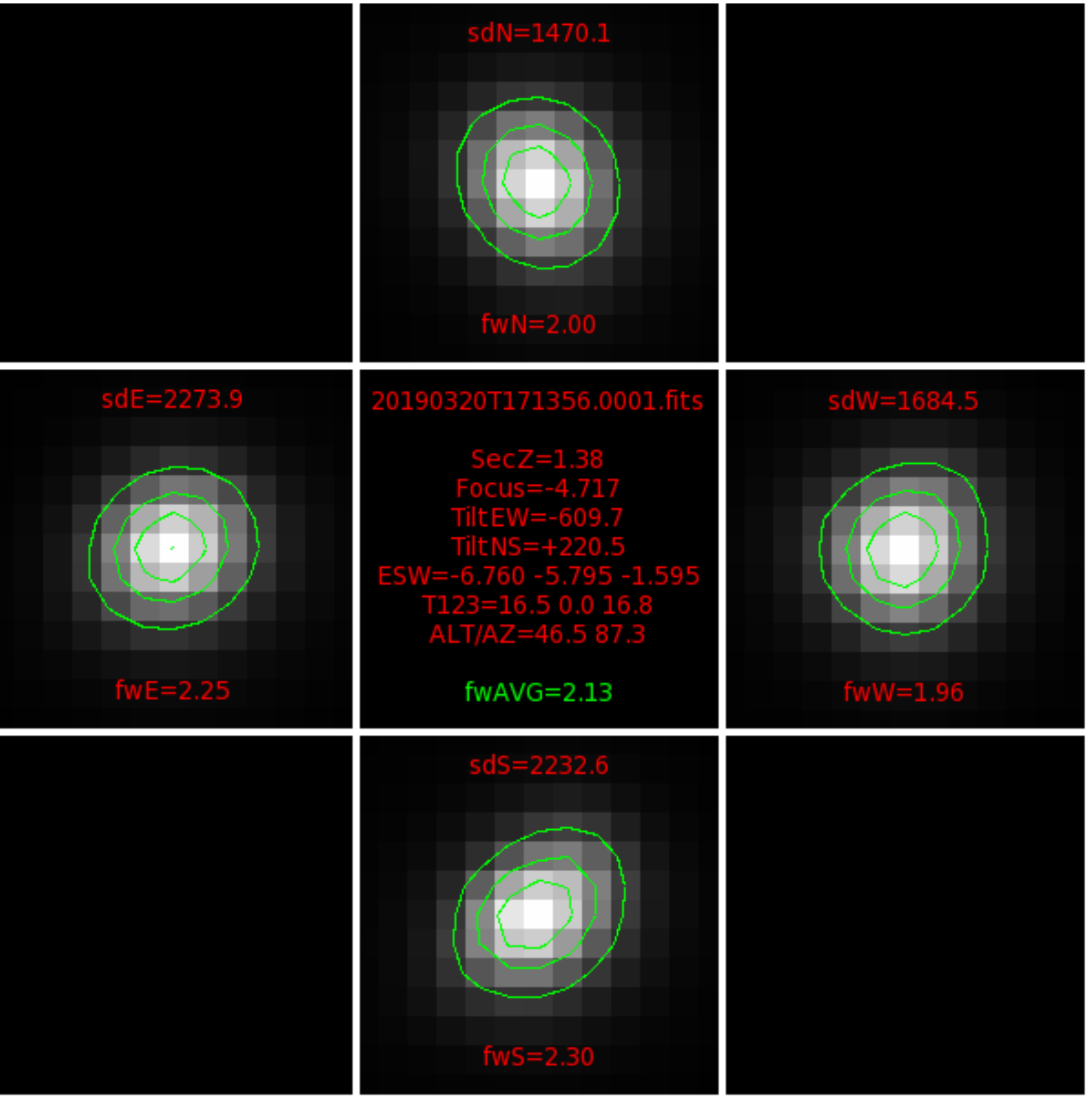
sdN=1470.1
fwN=2.00
sdE=2273.9
fwE=2.25
20190320T171356.0001.fits
SecZ=1.38
Focus=-4.717
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.760 -5.795 -1.595
T123=16.5 0.0 16.8
ALT/AZ=46.5 87.3
fwAVG=2.13
sdW=1684.5
fwW=1.96
sdS=2232.6
fwS=2.30
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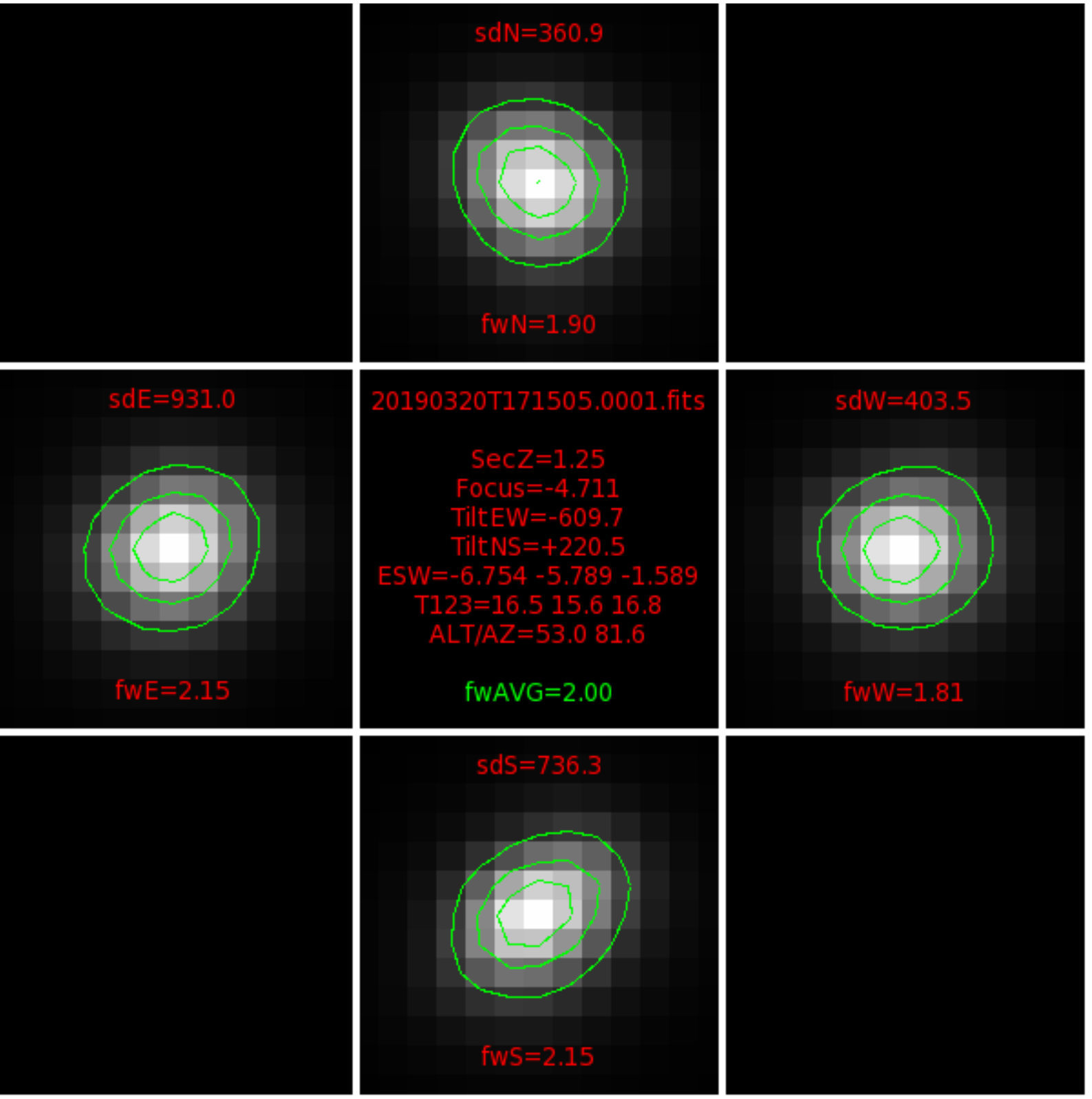
sdN=360.9
fwN=1.90
sdE=931.0
fwE=2.15
20190320T171505.0001.fits
SecZ=1.25
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=53.0 81.6
fwAVG=2.00
sdW=403.5
fwW=1.81
sdS=736.3
fwS=2.15
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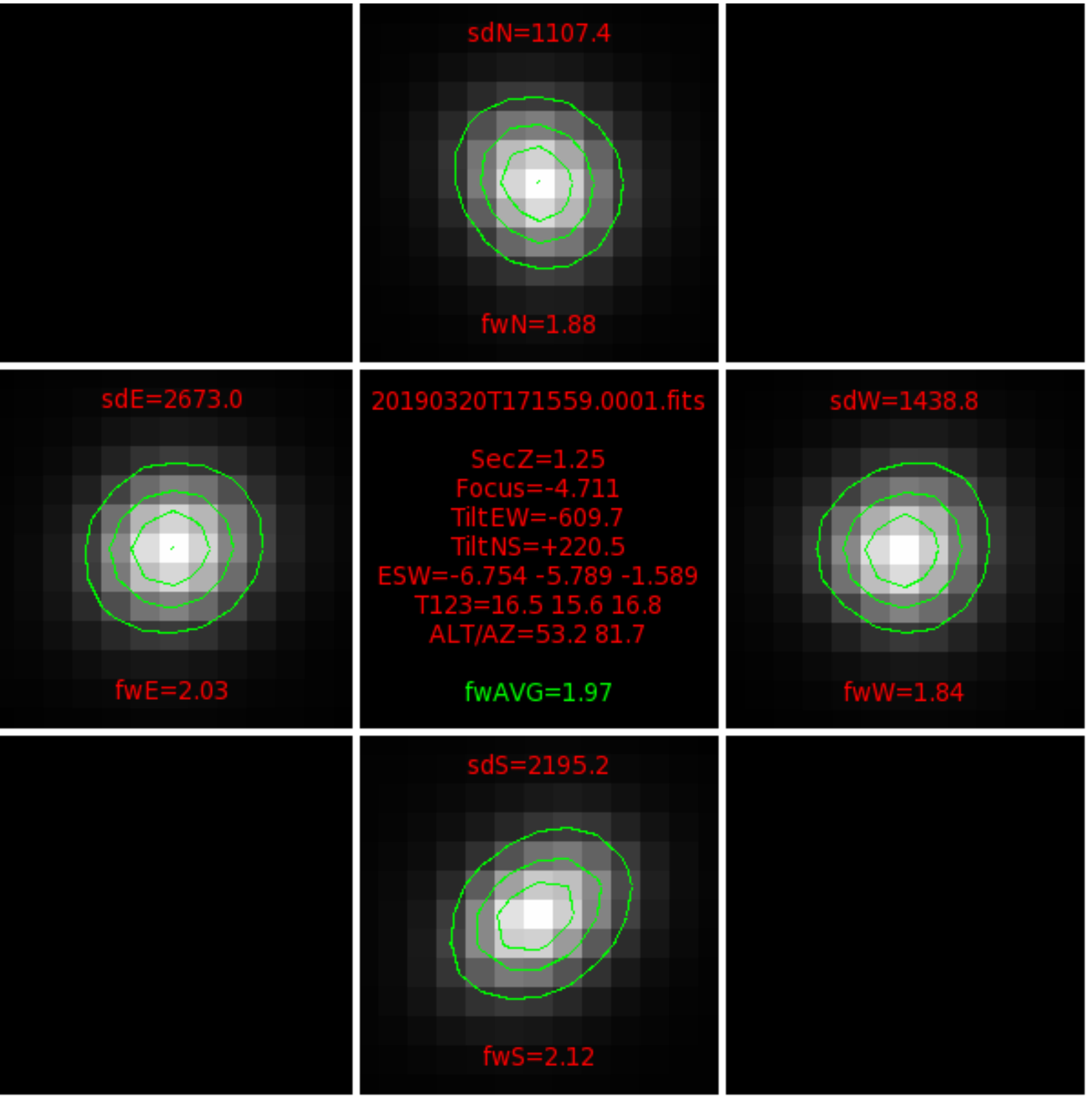
sdN=1107.4
fwN=1.88
sdE=2673.0
fwE=2.03
20190320T171559.0001.fits
SecZ=1.25
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=53.2 81.7
fwAVG=1.97
sdW=1438.8
fwW=1.84
sdS=2195.2
fwS=2.12
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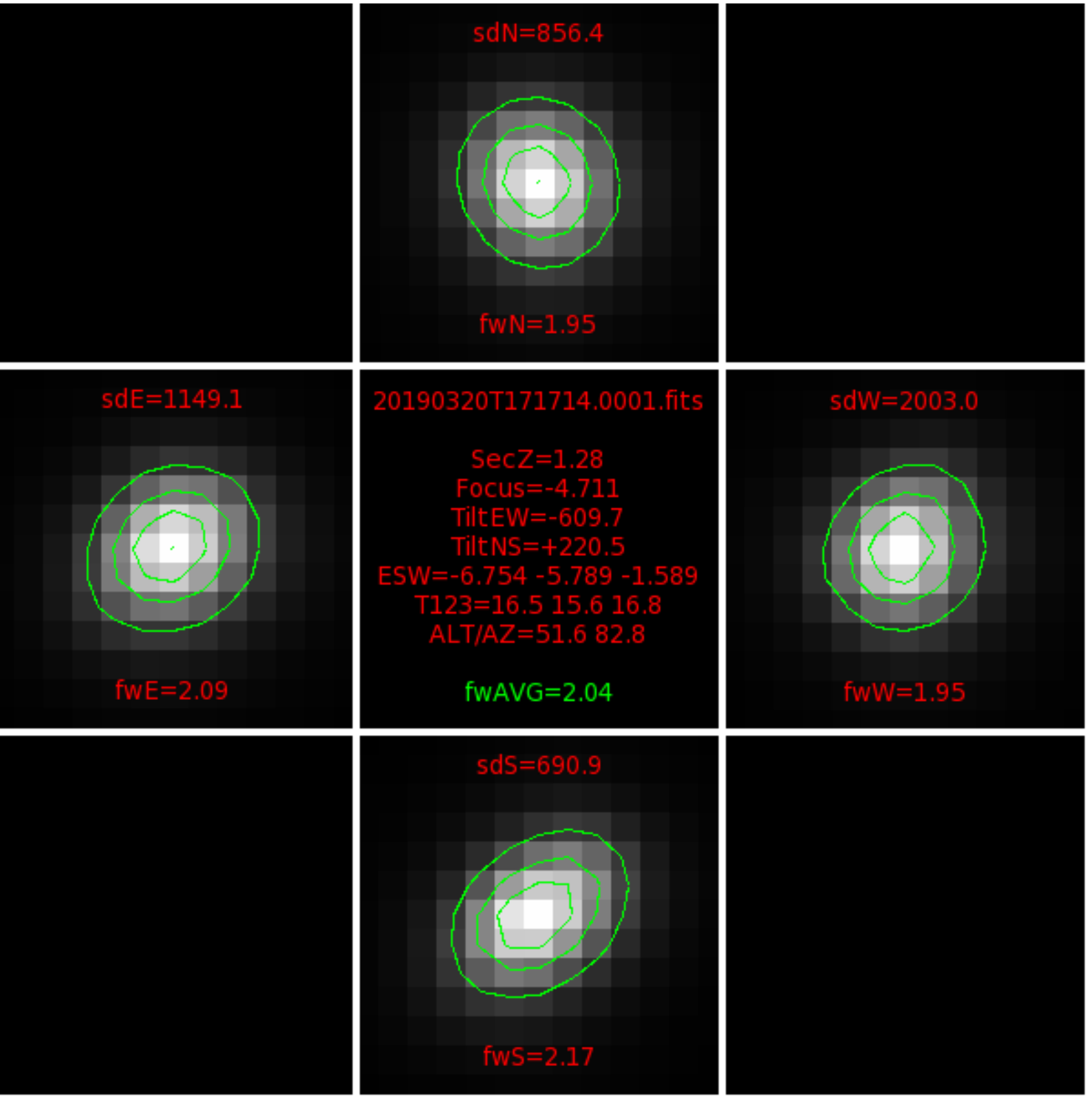
sdN=856.4
fwN=1.95
sdE=1149.1
fwE=2.09
20190320T171714.0001.fits
SecZ=1.28
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=51.6 82.8
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sdW=2003.0
fwW=1.95
sdS=690.9
fwS=2.17
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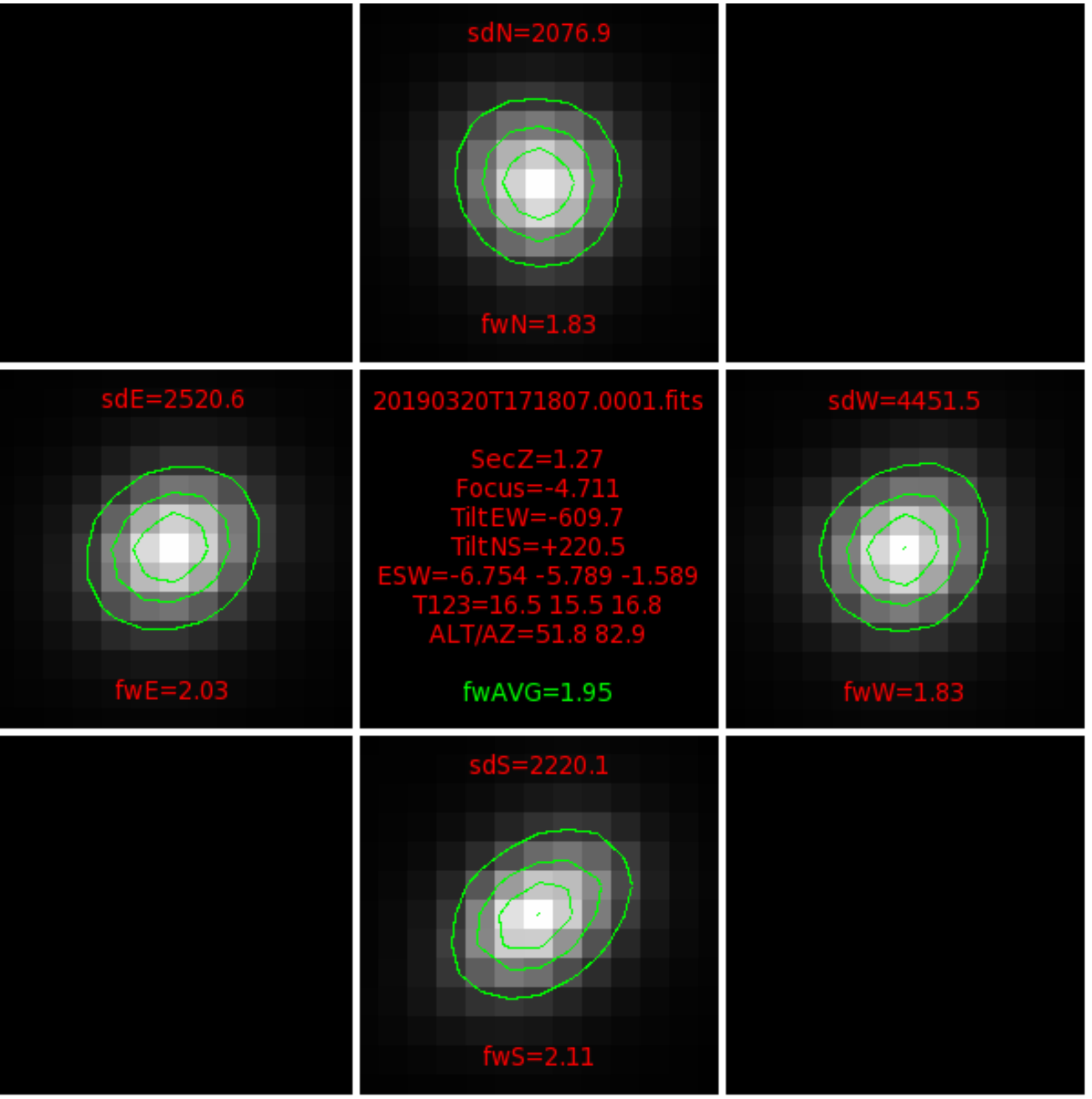
sdN=2076.9
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sdE=2520.6
fwE=2.03
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SecZ=1.27
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.5 16.8
ALT/AZ=51.8 82.9
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sdS=2220.1
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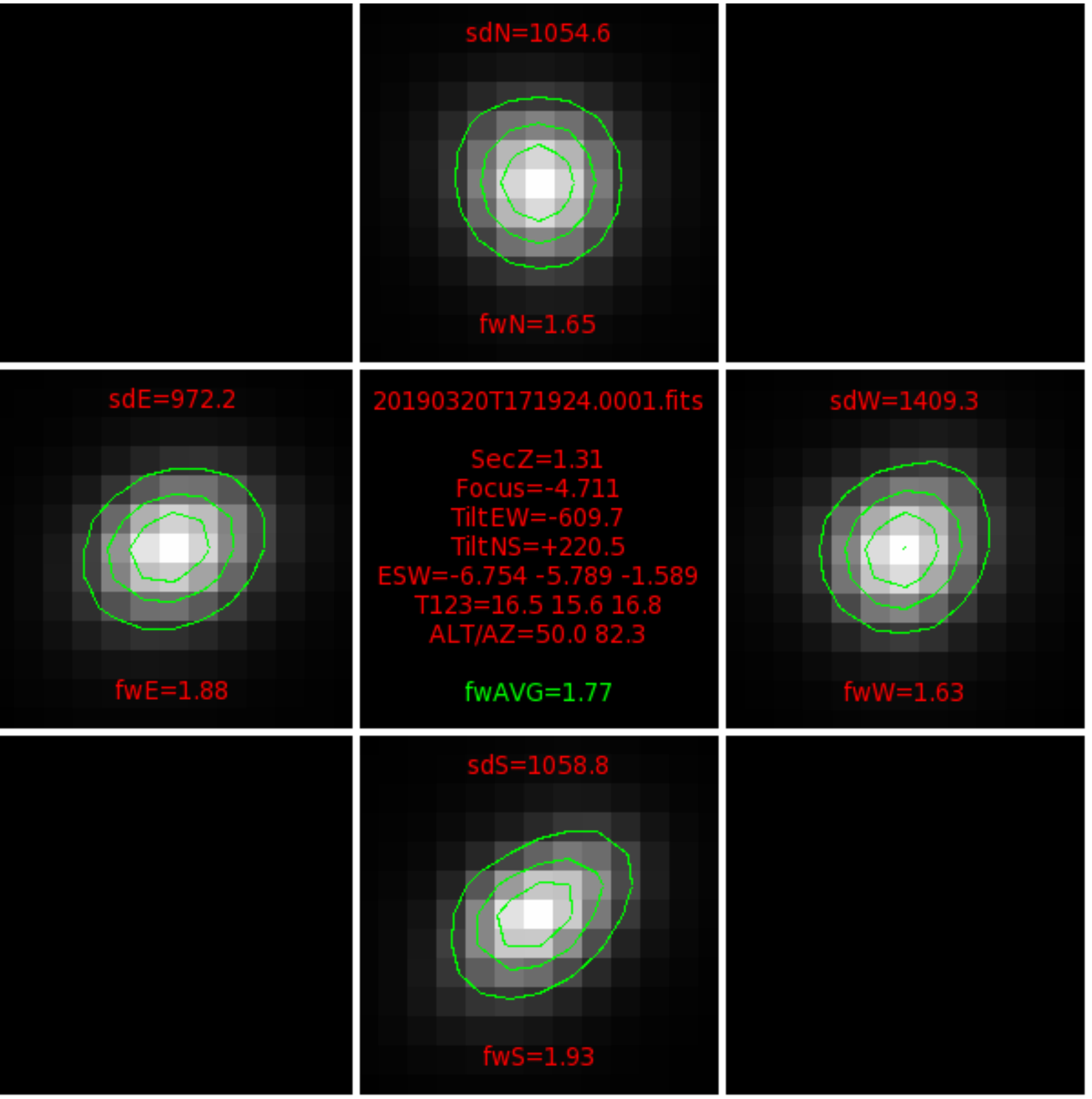
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sdE=972.2
fwE=1.88
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SecZ=1.31
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=50.0 82.3
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sdW=1409.3
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sdS=1058.8
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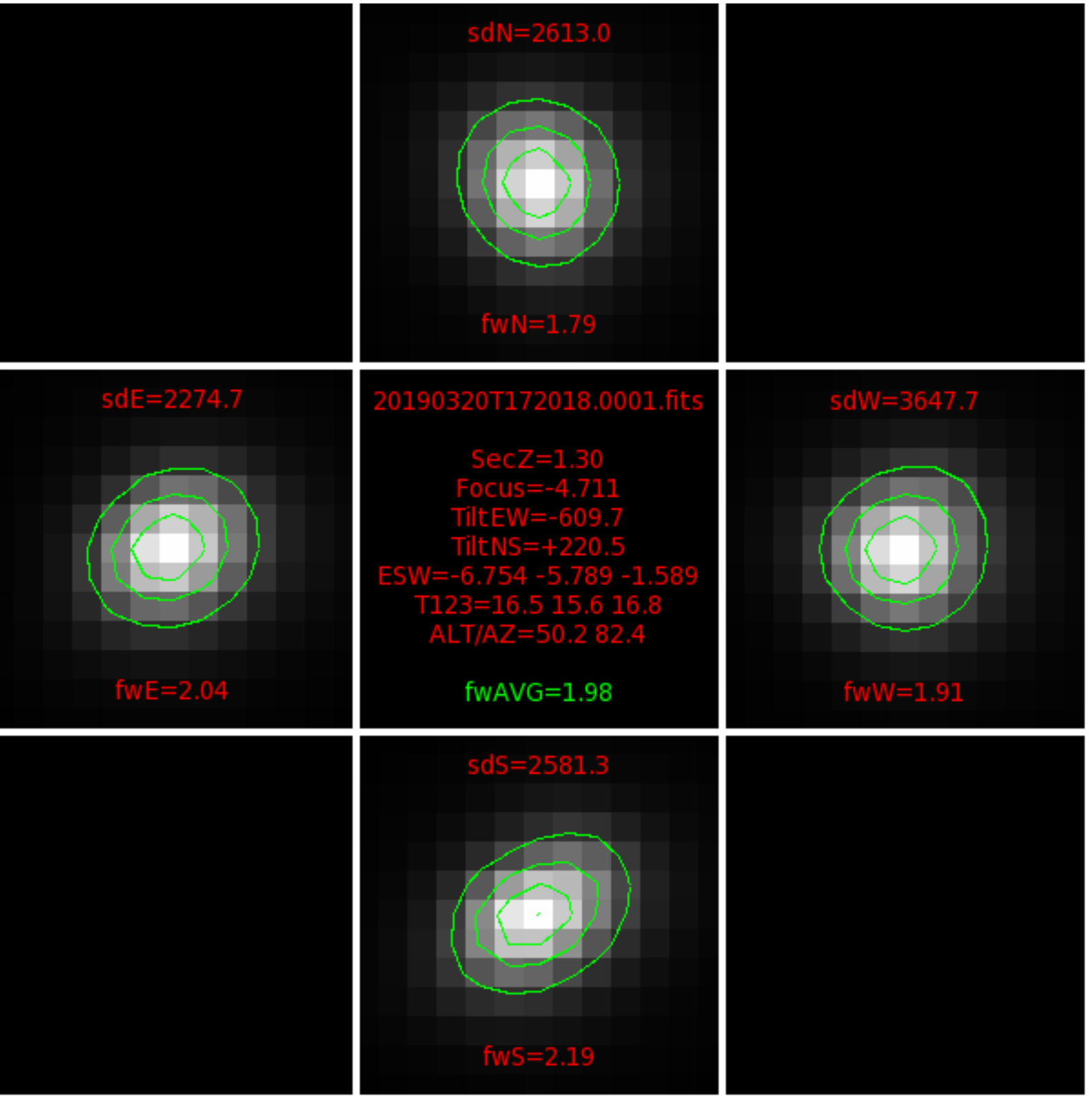
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fwN=1.79
sdE=2274.7
fwE=2.04
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SecZ=1.30
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=50.2 82.4
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sdW=3647.7
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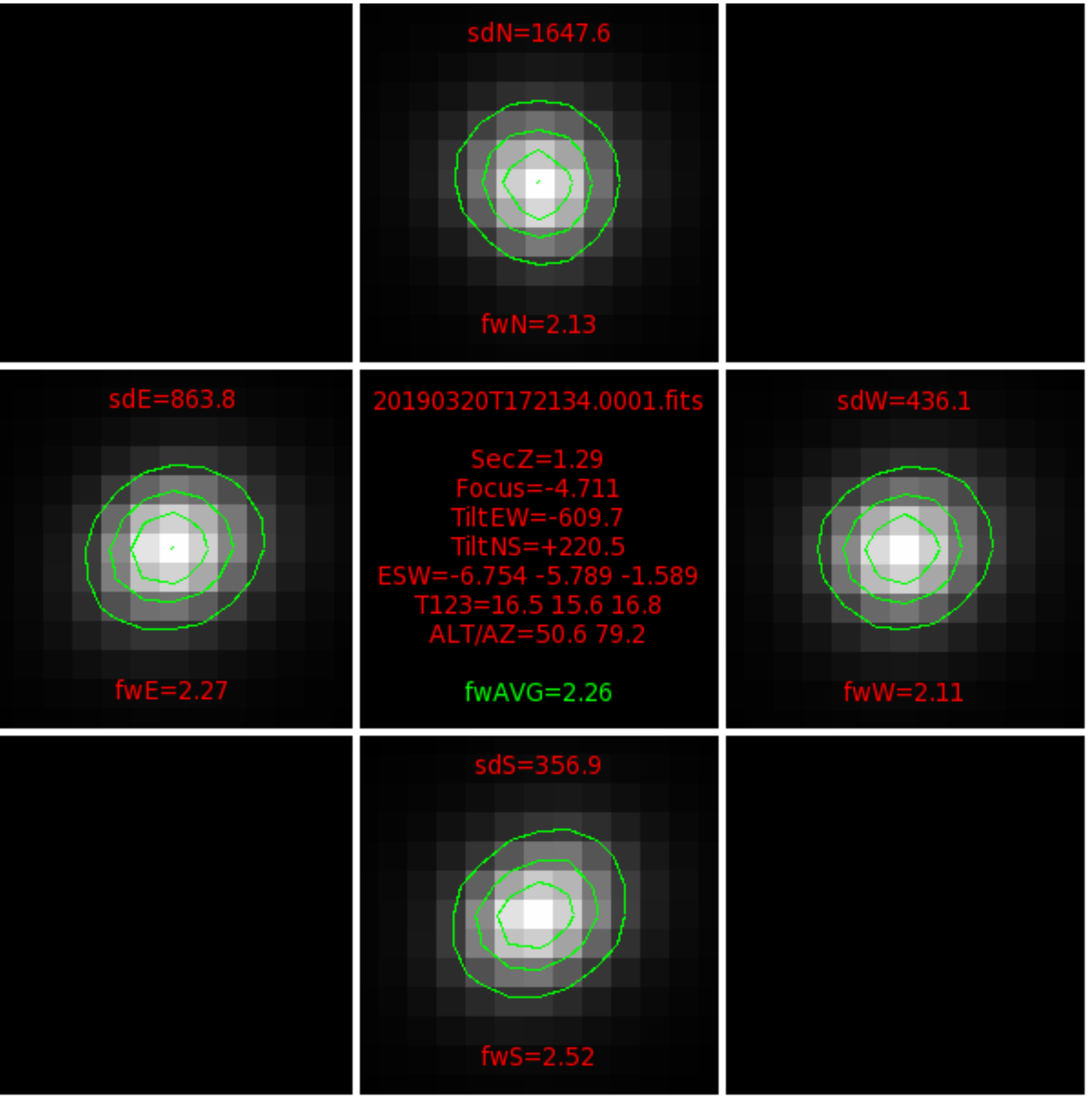
sdN=1647.6
fwN=2.13
sdE=863.8
fwE=2.27
20190320T172134.0001.fits
SecZ=1.29
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=50.6 79.2
fwAVG=2.26
sdW=436.1
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sdS=356.9
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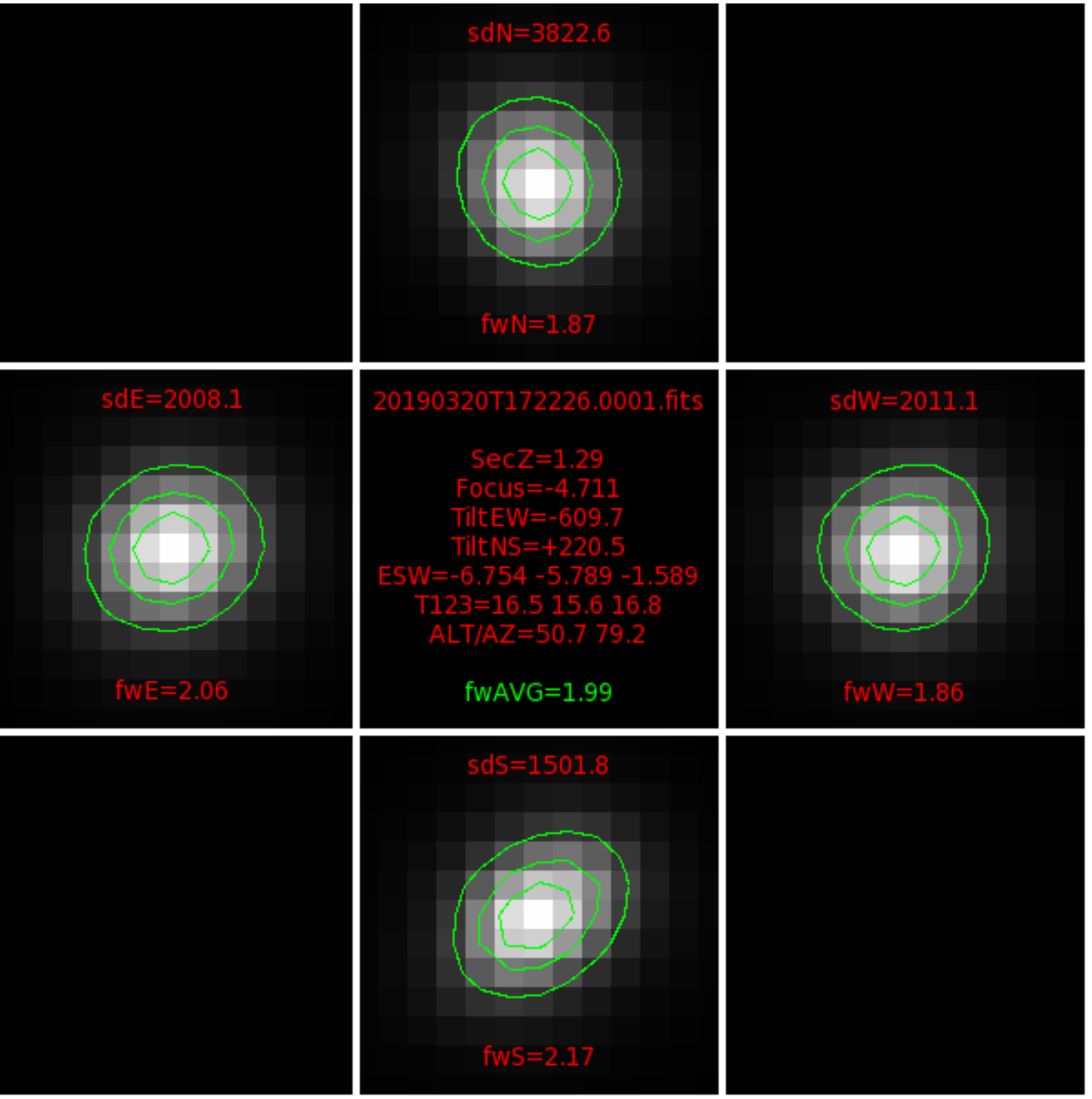
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sdE=2008.1
fwE=2.06
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SecZ=1.29
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=50.7 79.2
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sdW=2011.1
fwW=1.86
sdS=1501.8
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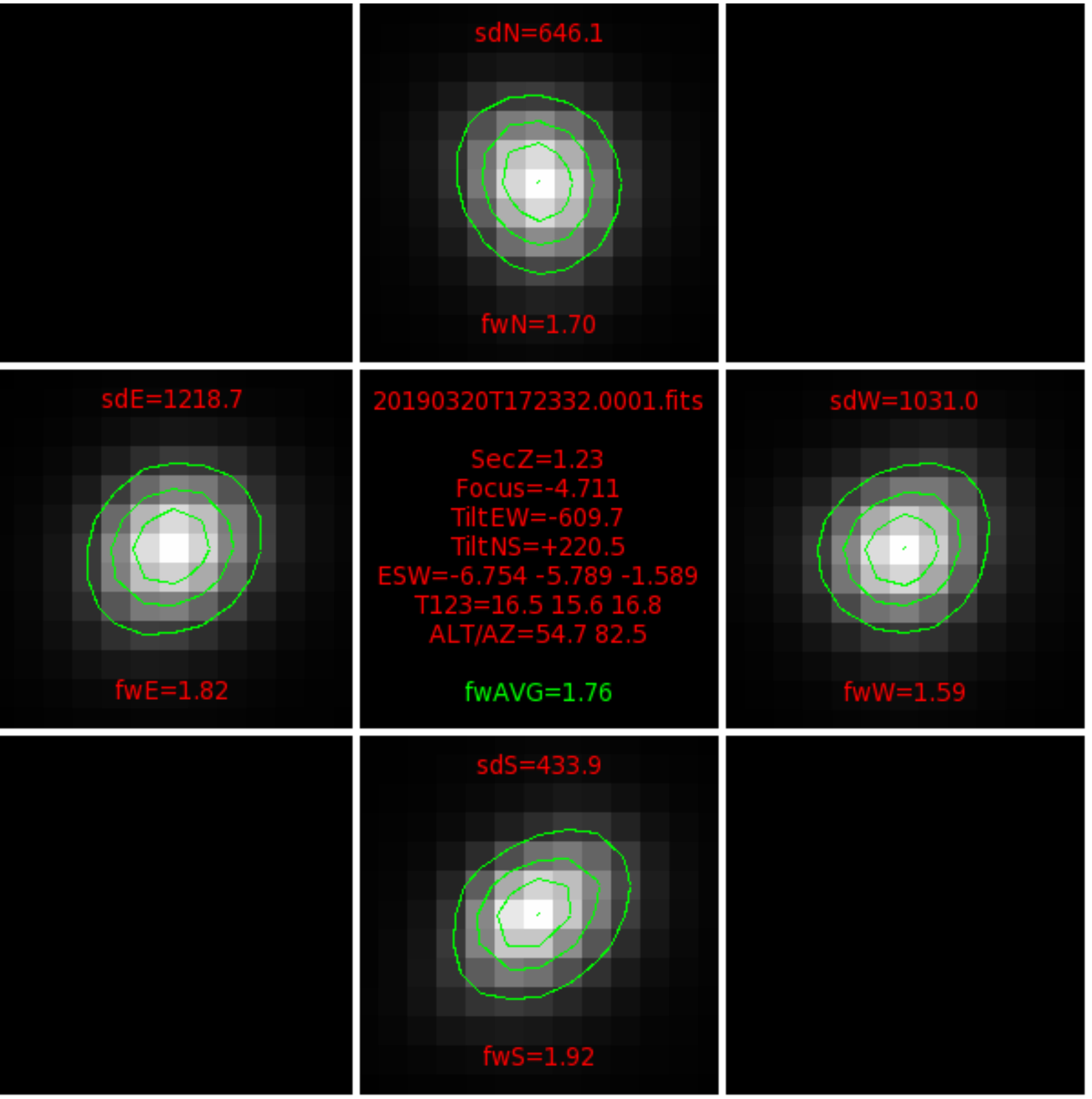
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sdE=1218.7
fwE=1.82
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SecZ=1.23
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=54.7 82.5
fwAVG=1.76
sdW=1031.0
fwW=1.59
sdS=433.9
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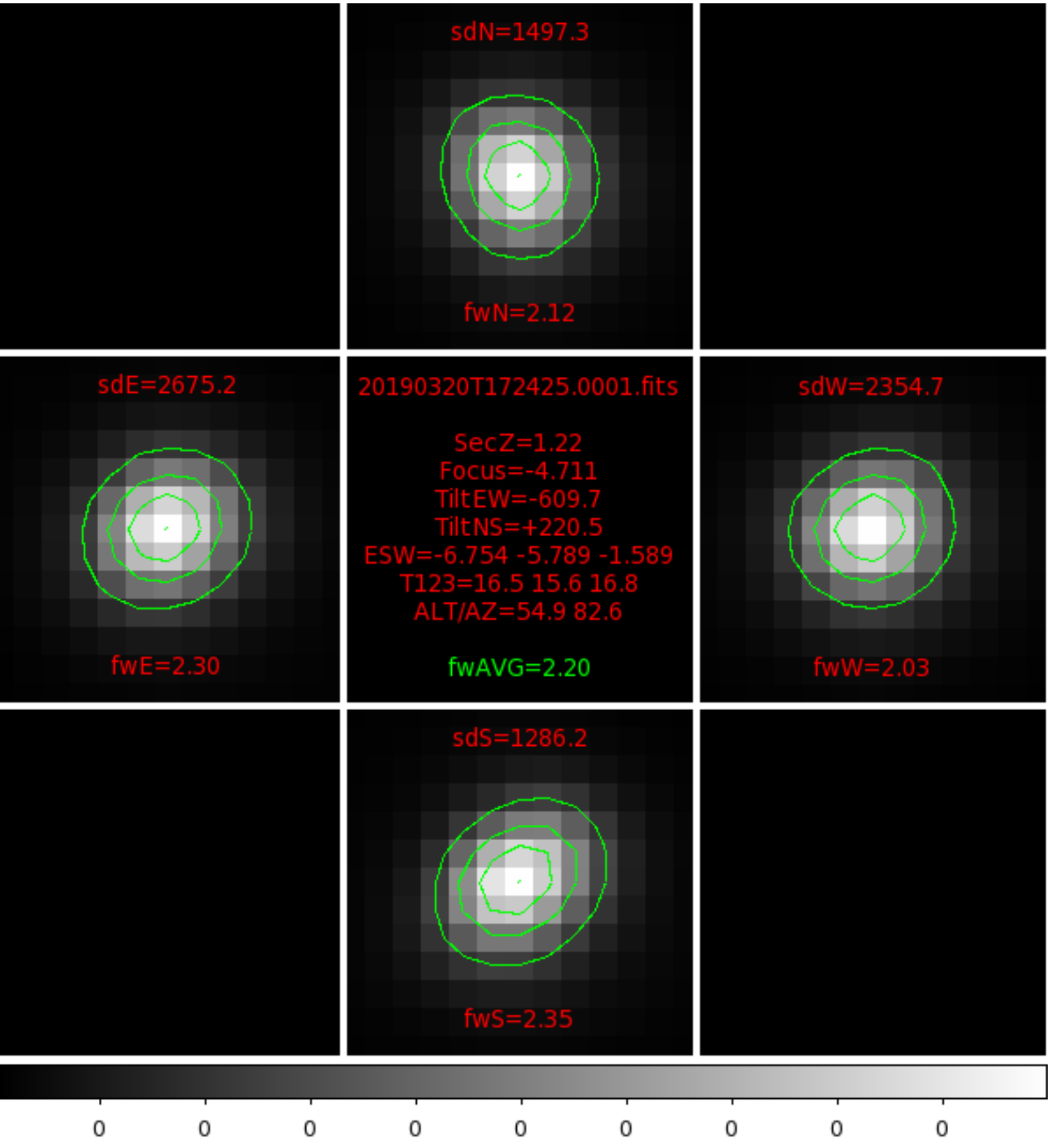
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sdE=2675.2
fwE=2.30
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SecZ=1.22
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=54.9 82.6
fwAVG=2.20
sdW=2354.7
fwW=2.03
sdS=1286.2
fwS=2.35
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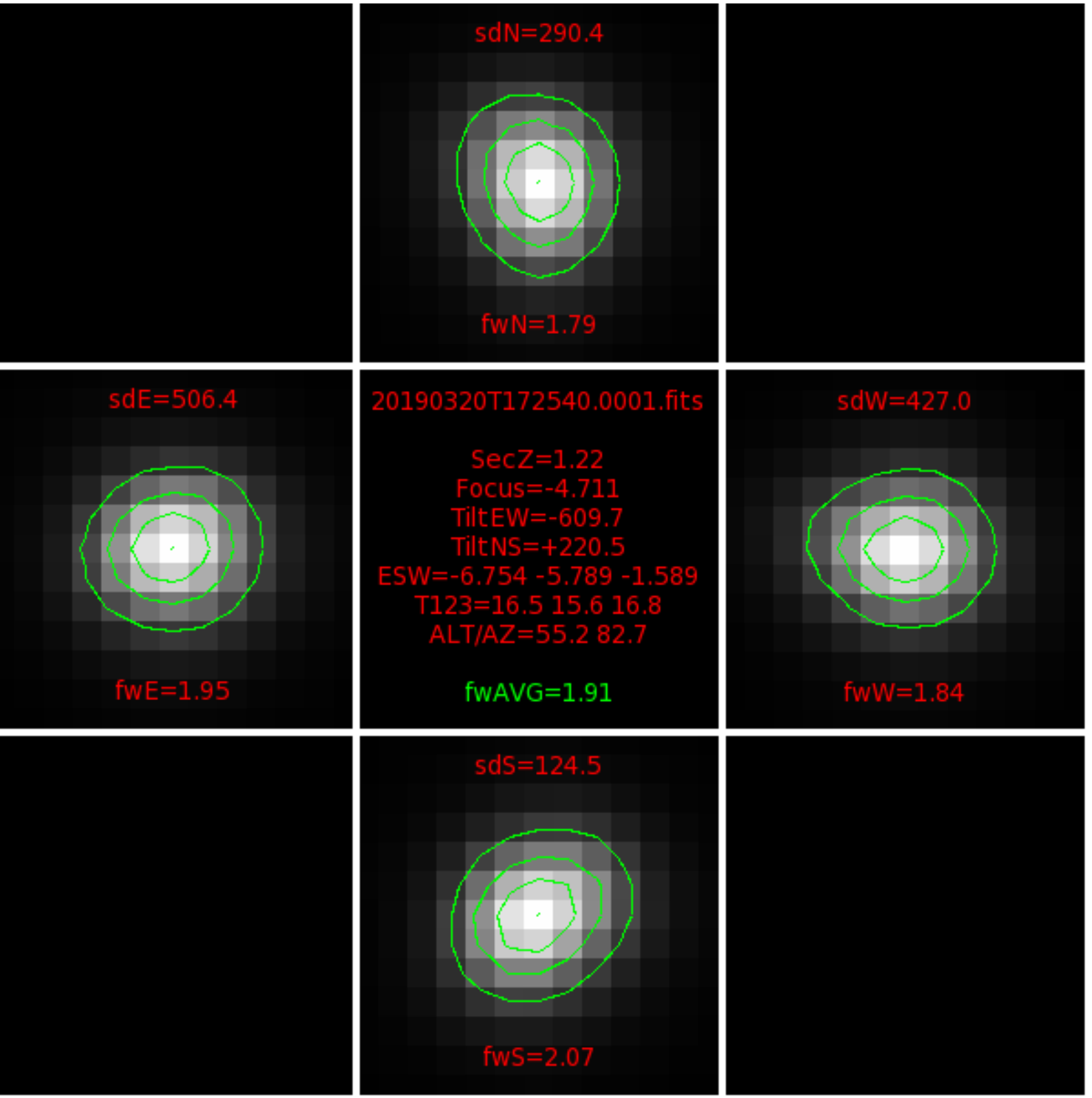
sdN=290.4
fwN=1.79
sdE=506.4
fwE=1.95
20190320T172540.0001.fits
SecZ=1.22
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=55.2 82.7
fwAVG=1.91
sdW=427.0
fwW=1.84
sdS=124.5
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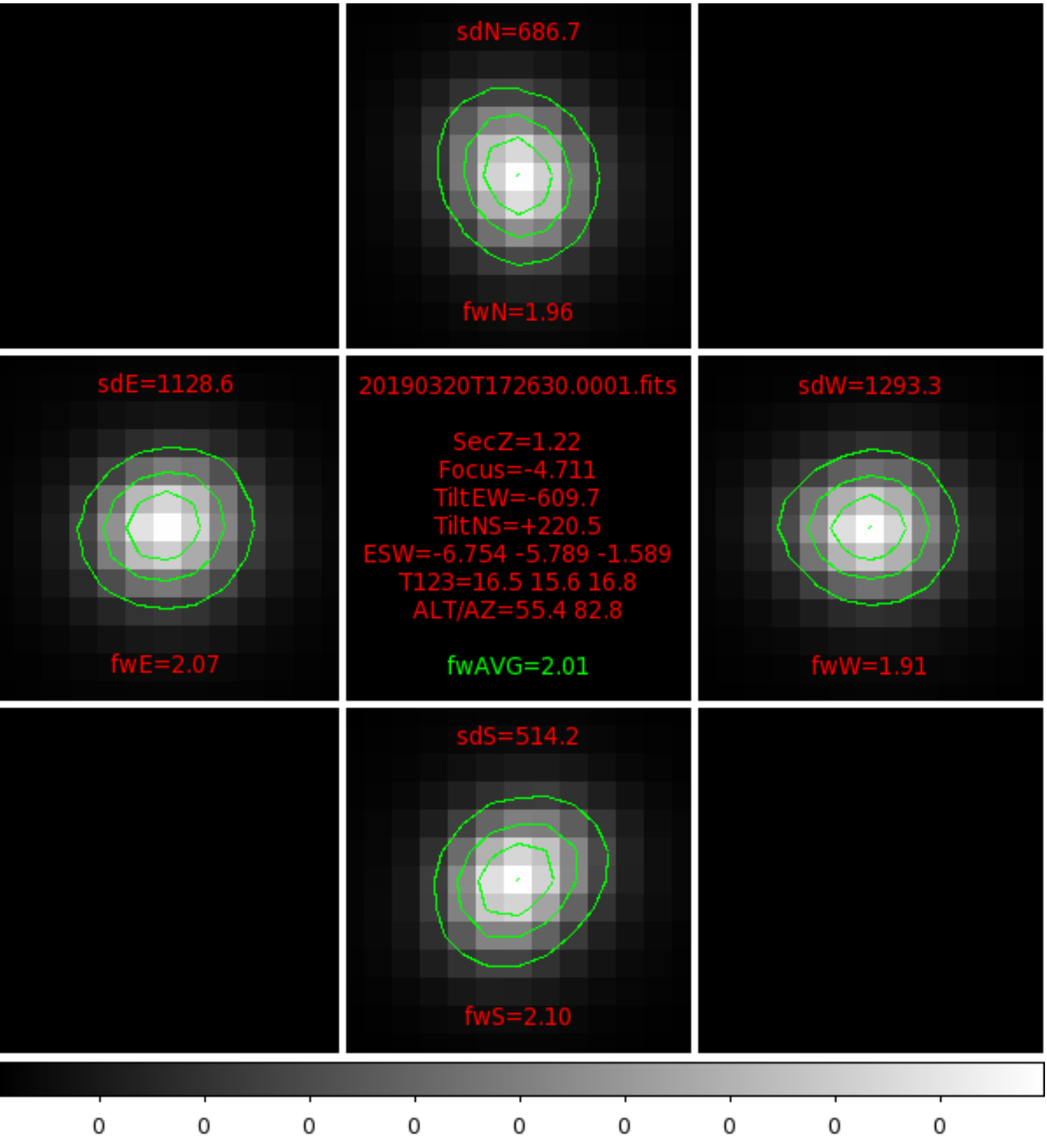
sdN=686.7
fwN=1.96
sdE=1128.6
fwE=2.07
20190320T172630.0001.fits
SecZ=1.22
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=55.4 82.8
fwAVG=2.01
sdW=1293.3
fwW=1.91
sdS=514.2
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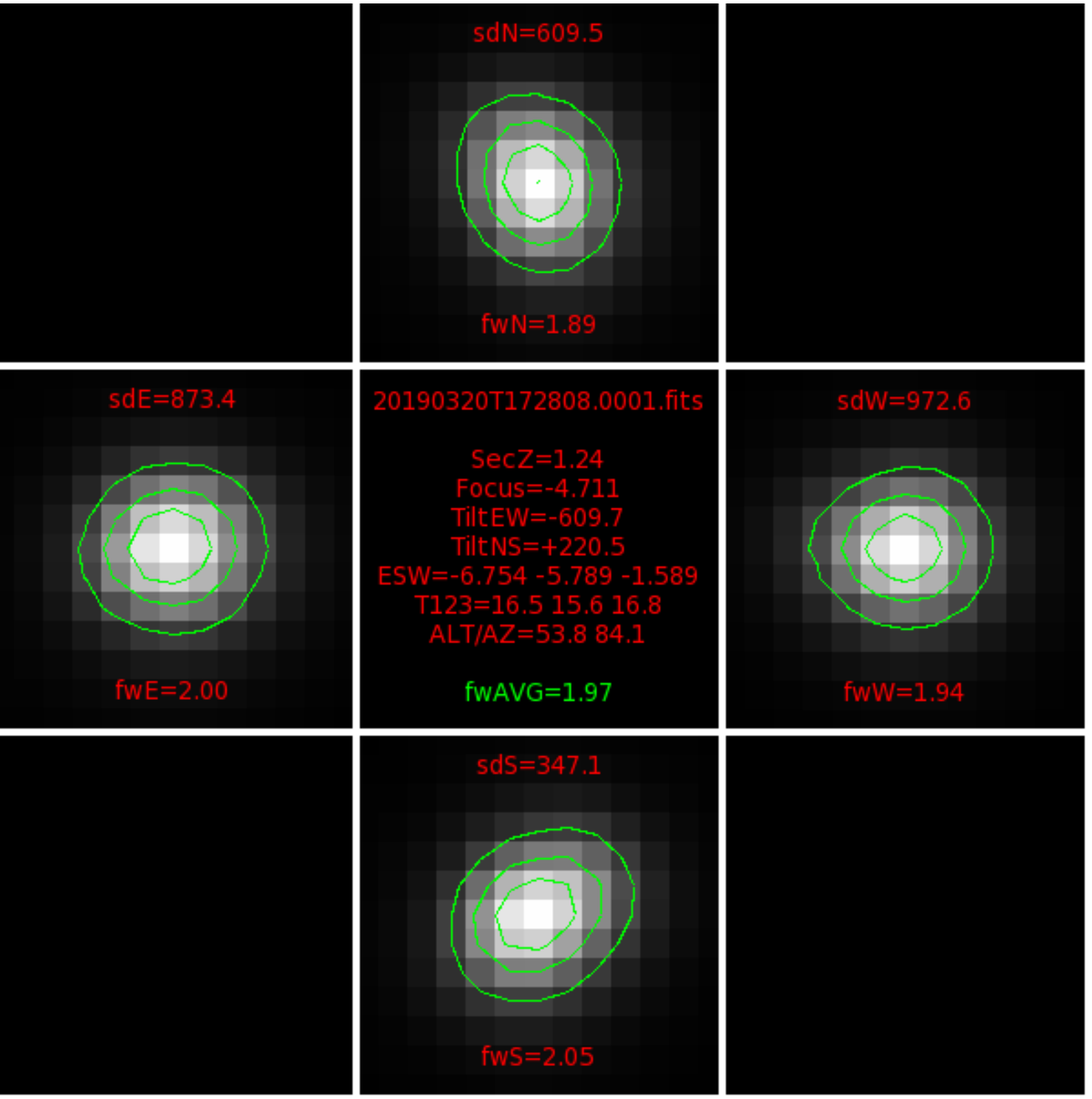
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fwN=1.89
sdE=873.4
fwE=2.00
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SecZ=1.24
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=53.8 84.1
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sdW=972.6
fwW=1.94
sdS=347.1
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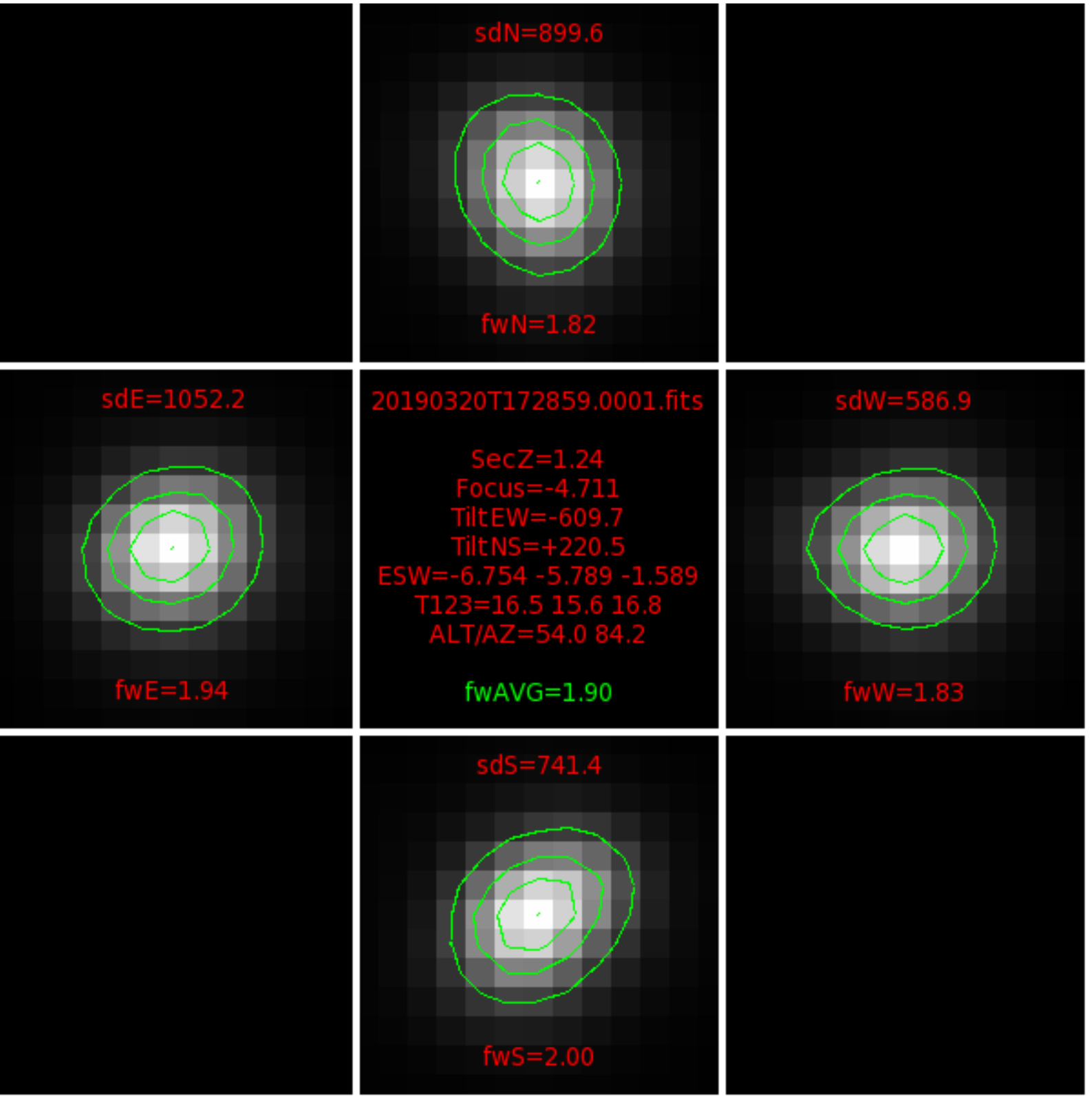
sdN=899.6
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sdE=1052.2
fwE=1.94
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SecZ=1.24
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=54.0 84.2
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sdW=586.9
fwW=1.83
sdS=741.4
fwS=2.00
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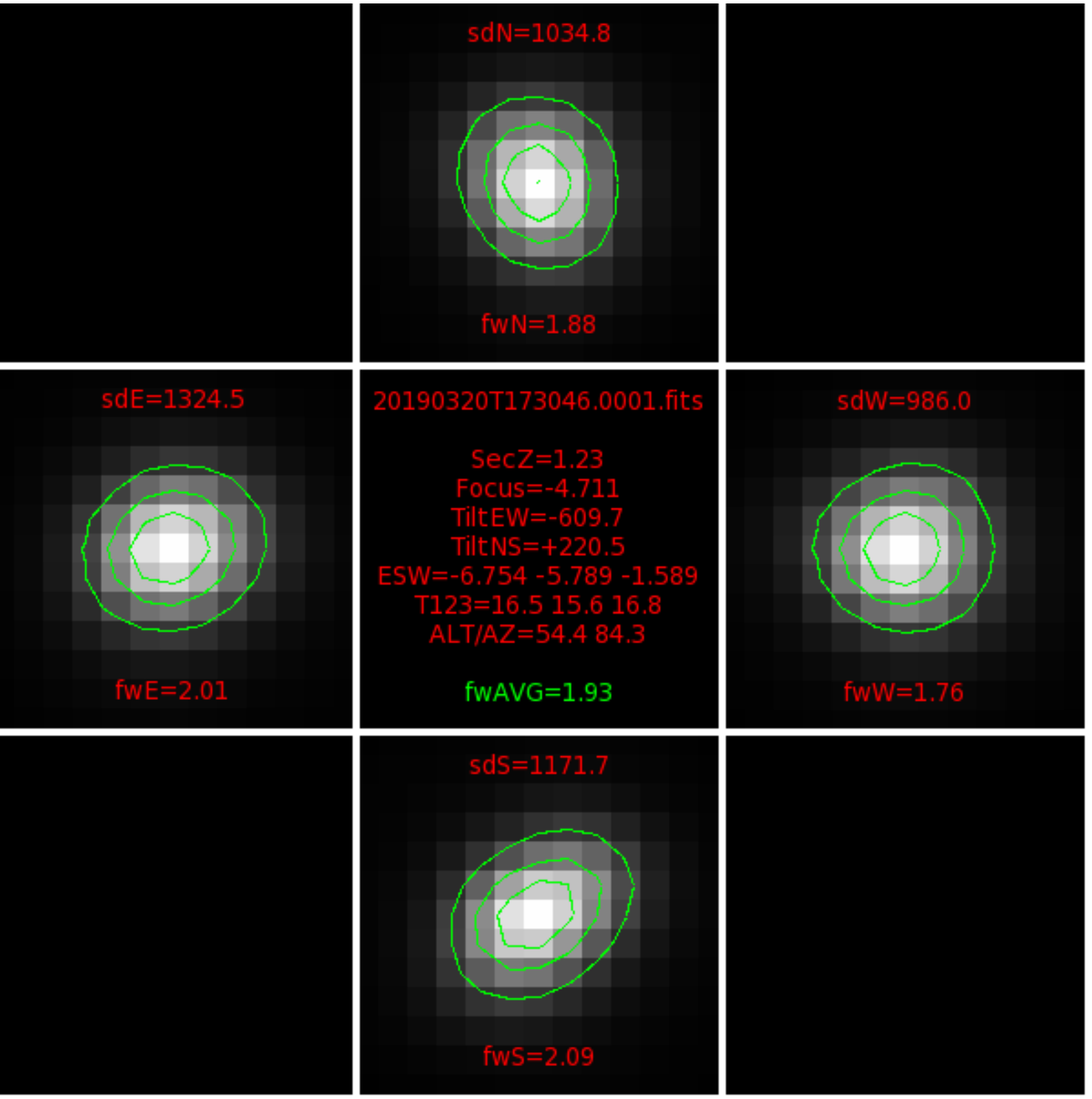
sdN=1034.8
fwN=1.88
sdE=1324.5
fwE=2.01
20190320T173046.0001.fits
SecZ=1.23
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=54.4 84.3
fwAVG=1.93
sdW=986.0
fwW=1.76
sdS=1171.7
fwS=2.09
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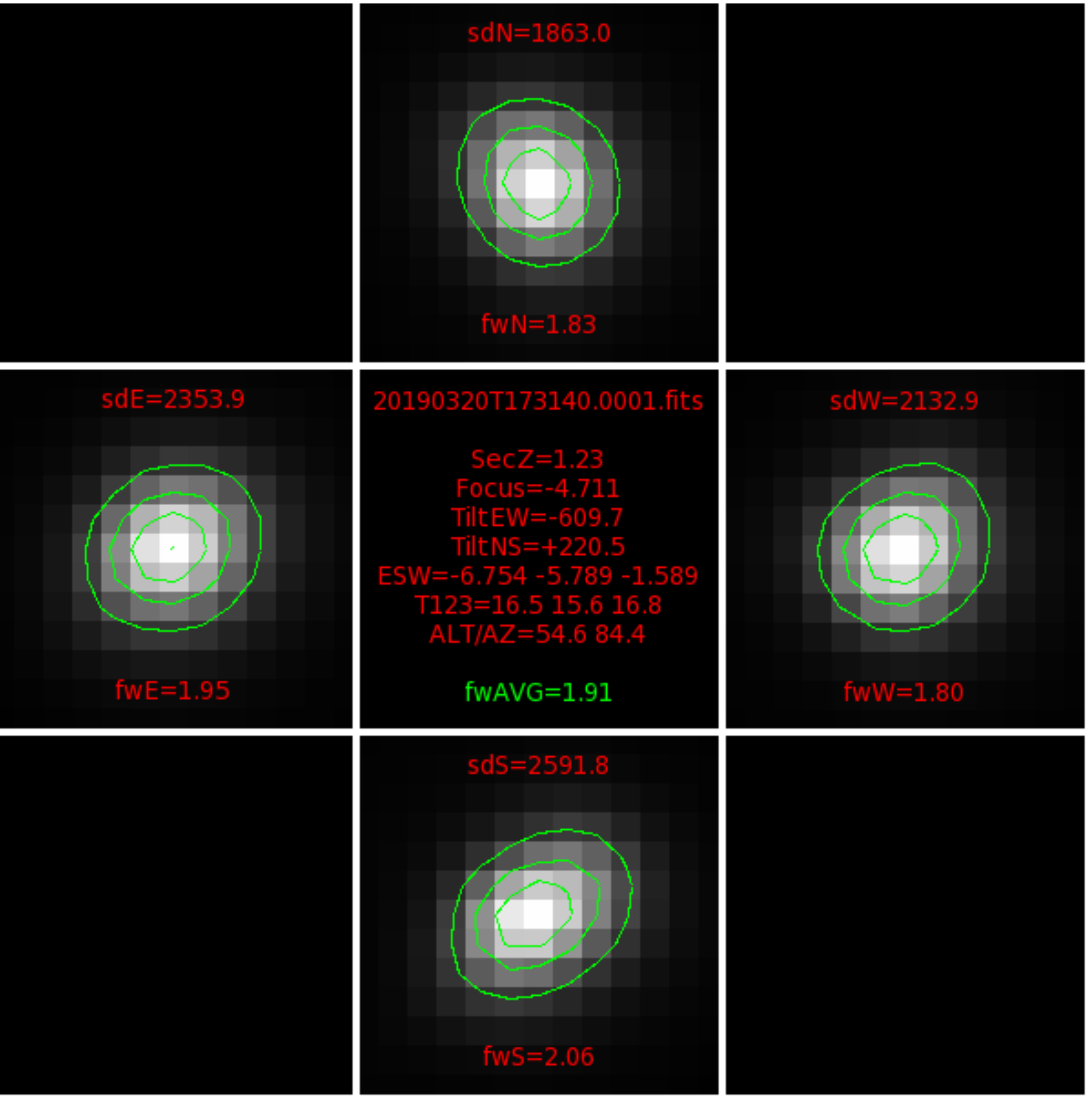
sdN=1863.0
fwN=1.83
sdE=2353.9
fwE=1.95
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SecZ=1.23
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=54.6 84.4
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sdW=2132.9
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sdS=2591.8
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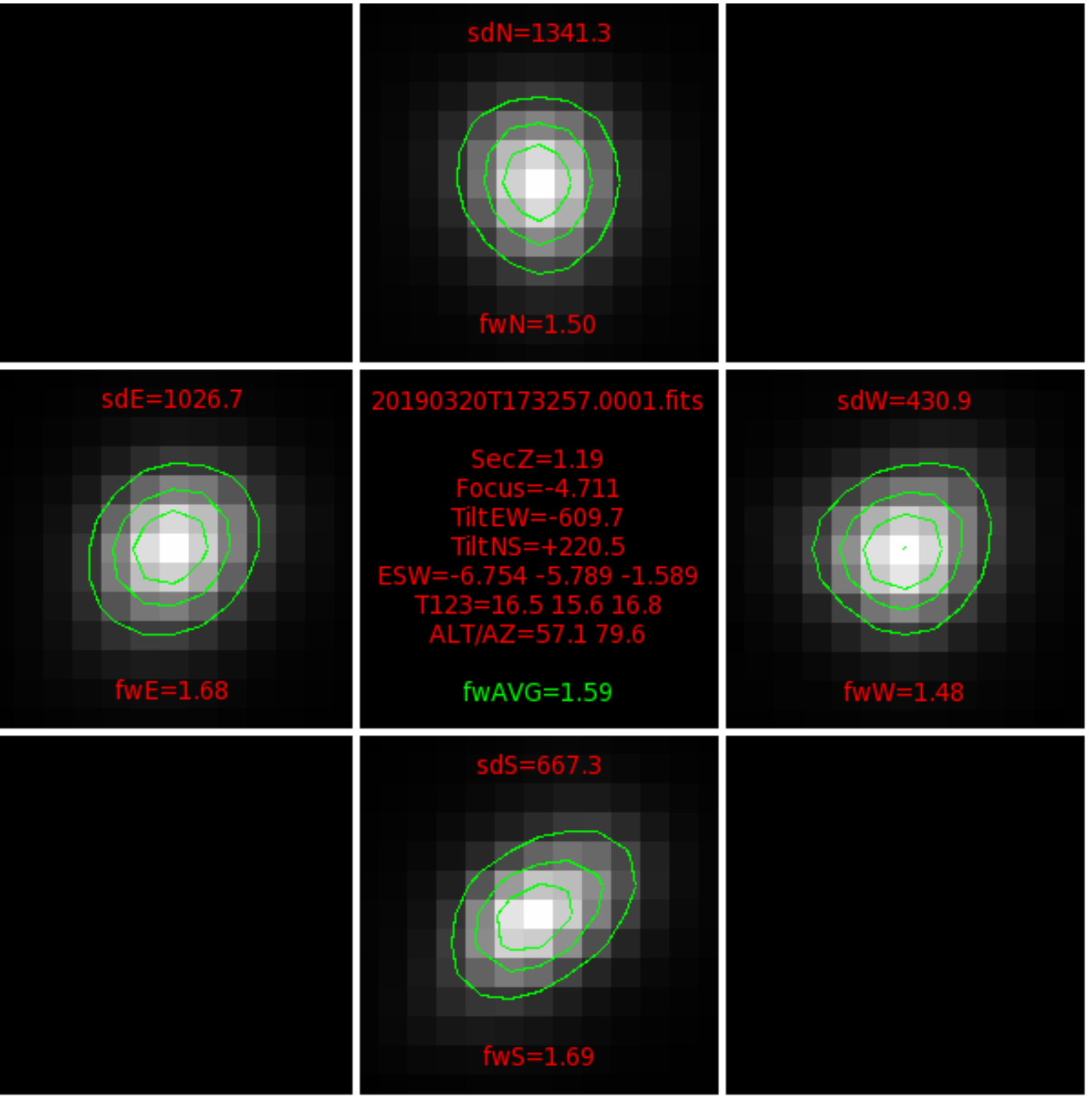
sdN=1341.3
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sdE=1026.7
fwE=1.68
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SecZ=1.19
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=57.1 79.6
fwAVG=1.59
sdW=430.9
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sdS=667.3
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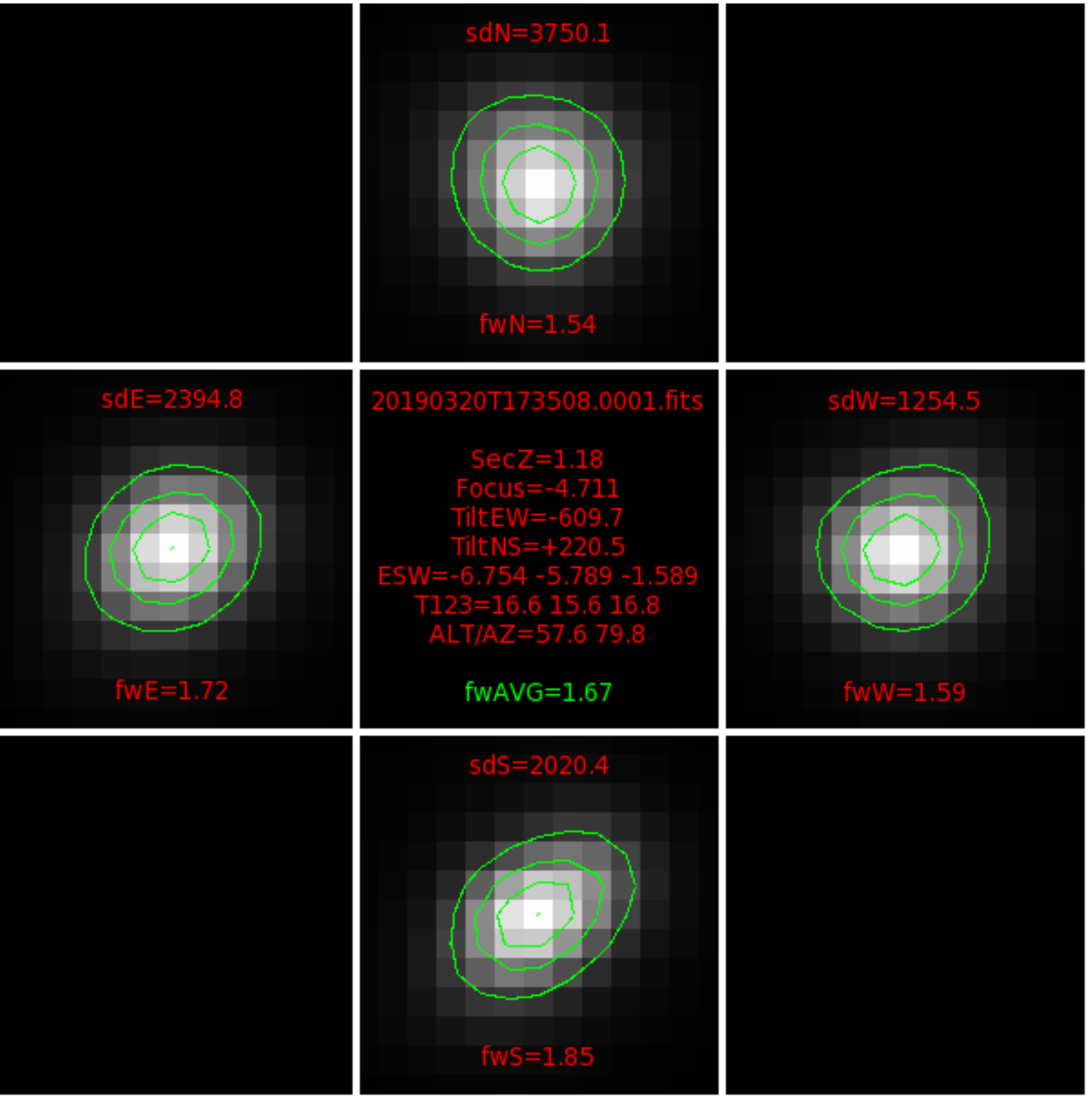
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sdE=2394.8
fwE=1.72
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SecZ=1.18
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.6 15.6 16.8
ALT/AZ=57.6 79.8
fwAVG=1.67
sdW=1254.5
fwW=1.59
sdS=2020.4
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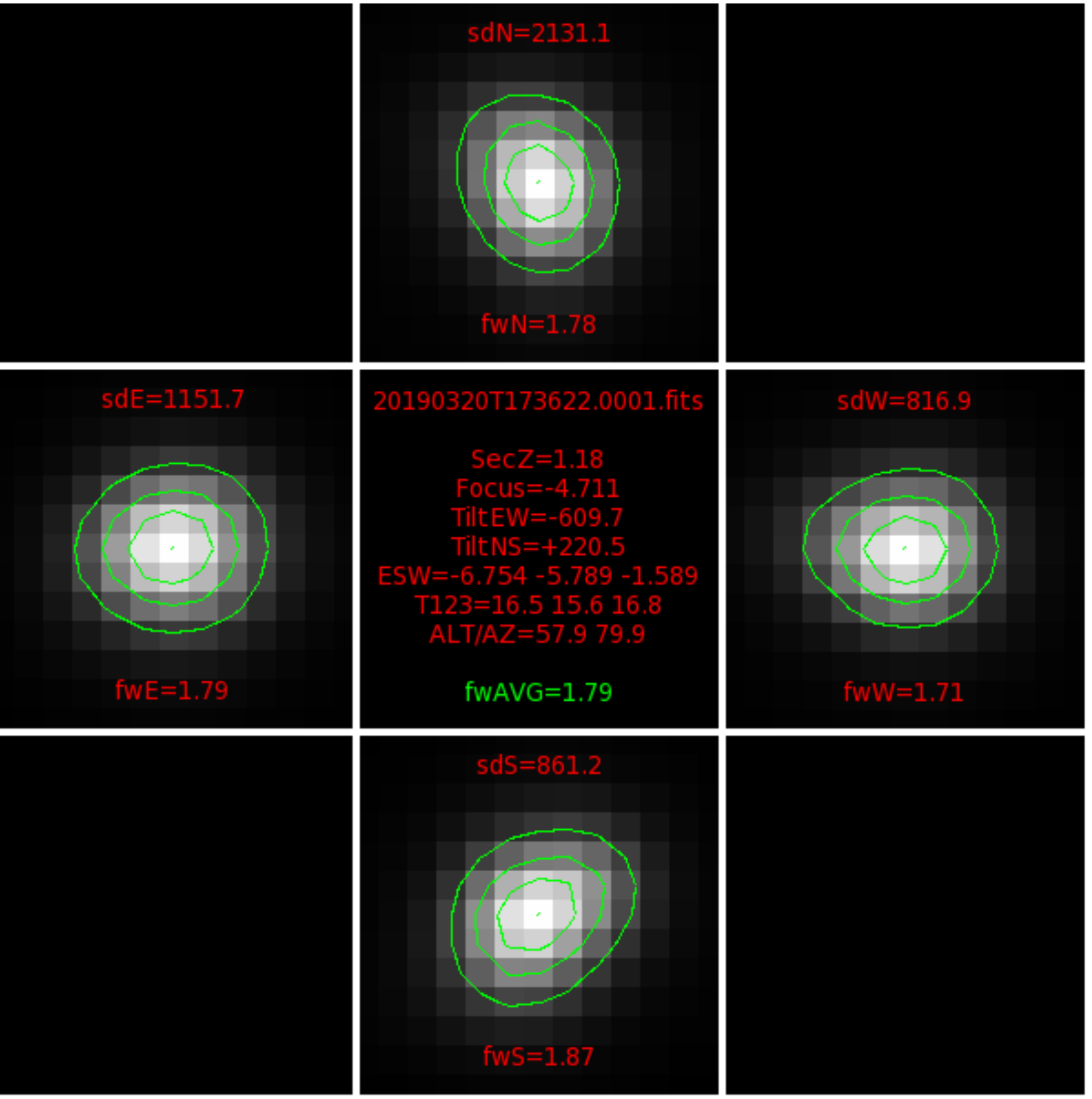
sdN=2131.1
fwN=1.78
sdE=1151.7
fwE=1.79
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SecZ=1.18
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=57.9 79.9
fwAVG=1.79
sdW=816.9
fwW=1.71
sdS=861.2
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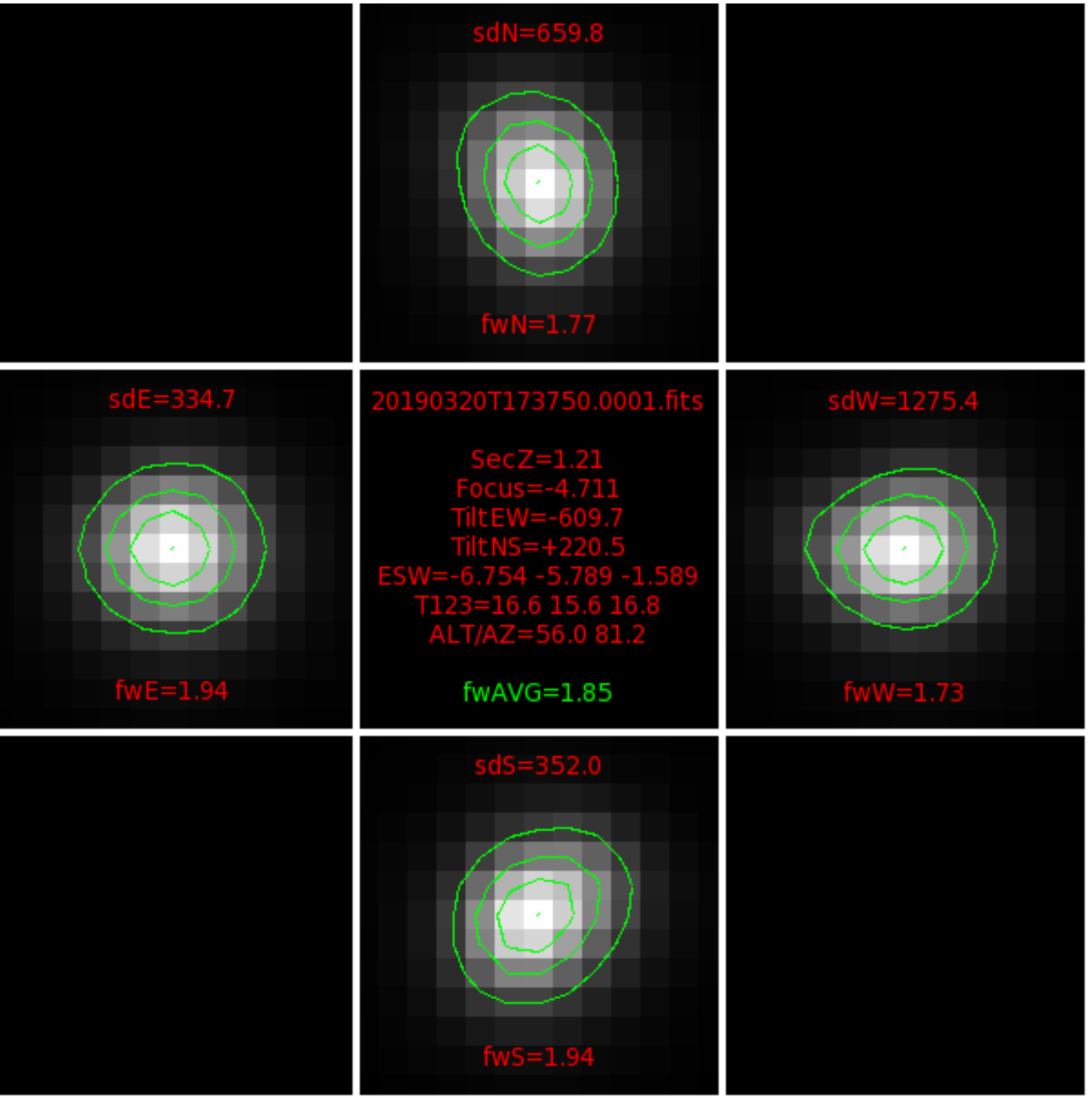
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fwN=1.77
sdE=334.7
fwE=1.94
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SecZ=1.21
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.6 15.6 16.8
ALT/AZ=56.0 81.2
fwAVG=1.85
sdW=1275.4
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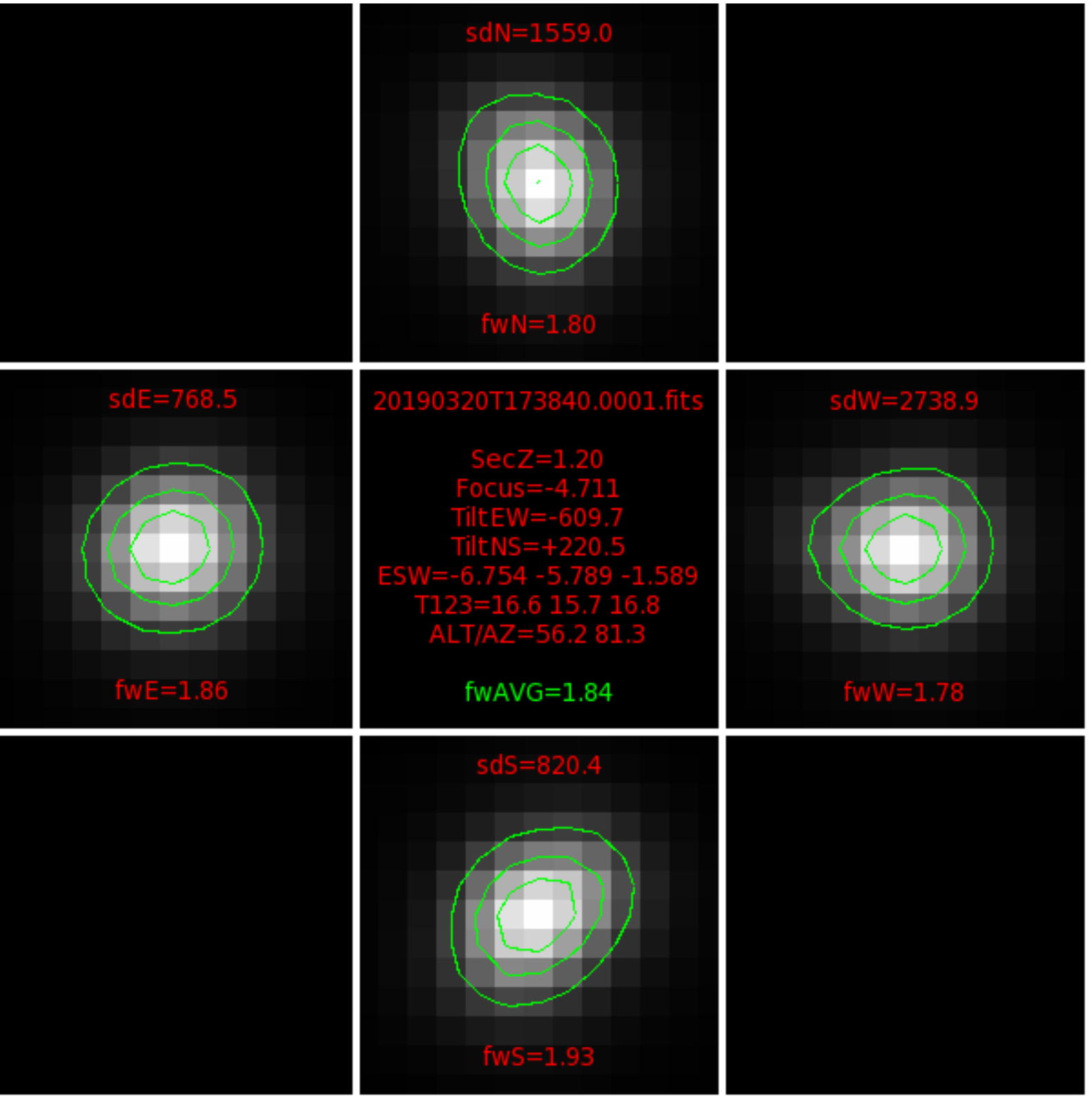
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sdE=768.5
fwE=1.86
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SecZ=1.20
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.6 15.7 16.8
ALT/AZ=56.2 81.3
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sdW=2738.9
fwW=1.78
sdS=820.4
fwS=1.93
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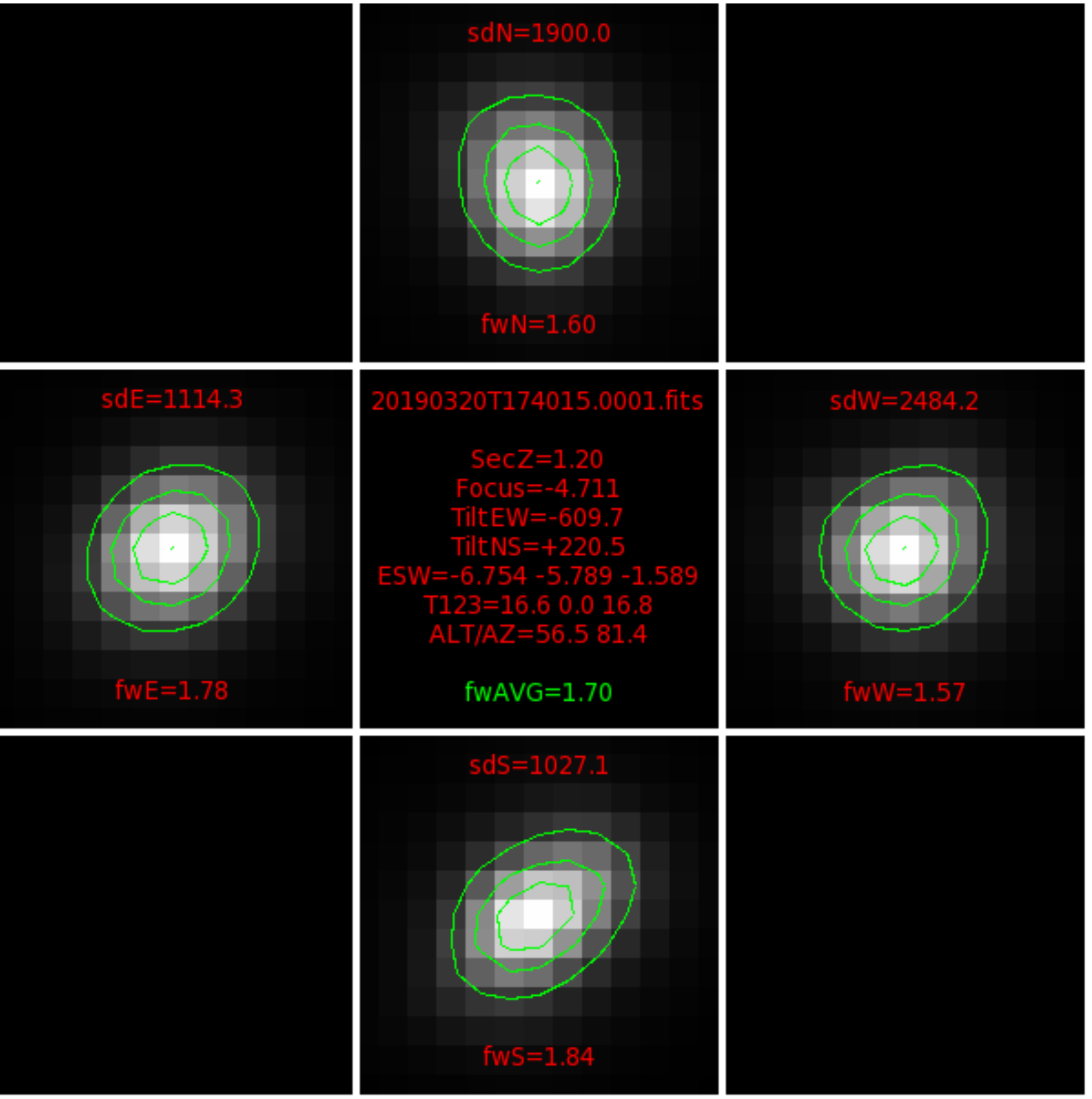
sdN=1900.0
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sdE=1114.3
fwE=1.78
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SecZ=1.20
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.6 0.0 16.8
ALT/AZ=56.5 81.4
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sdW=2484.2
fwW=1.57
sdS=1027.1
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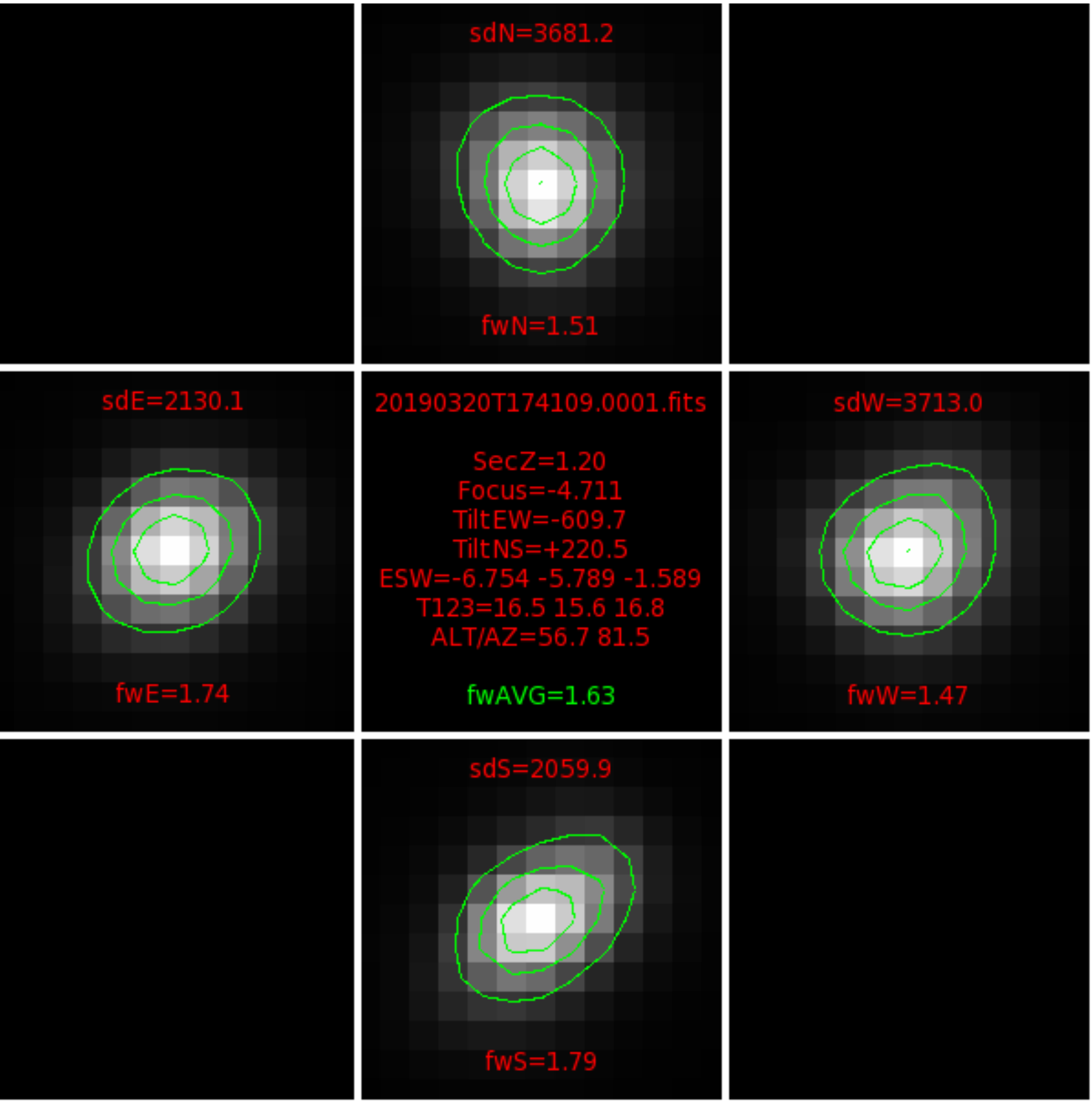
sdN=3681.2
fwN=1.51
sdE=2130.1
fwE=1.74
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SecZ=1.20
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=56.7 81.5
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sdW=3713.0
fwW=1.47
sdS=2059.9
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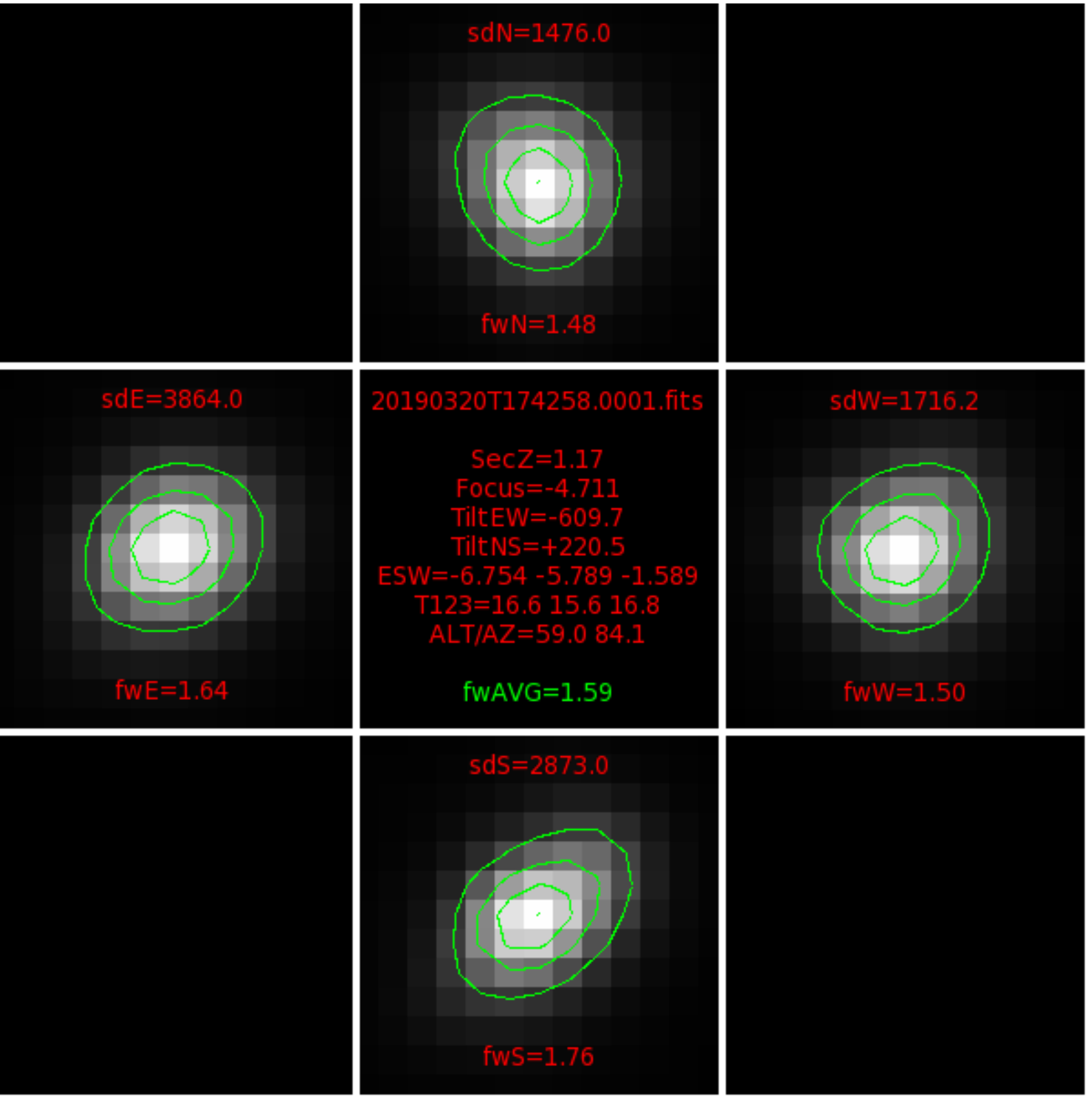
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SecZ=1.17
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.6 15.6 16.8
ALT/AZ=59.0 84.1
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sdW=1716.2
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sdS=2873.0
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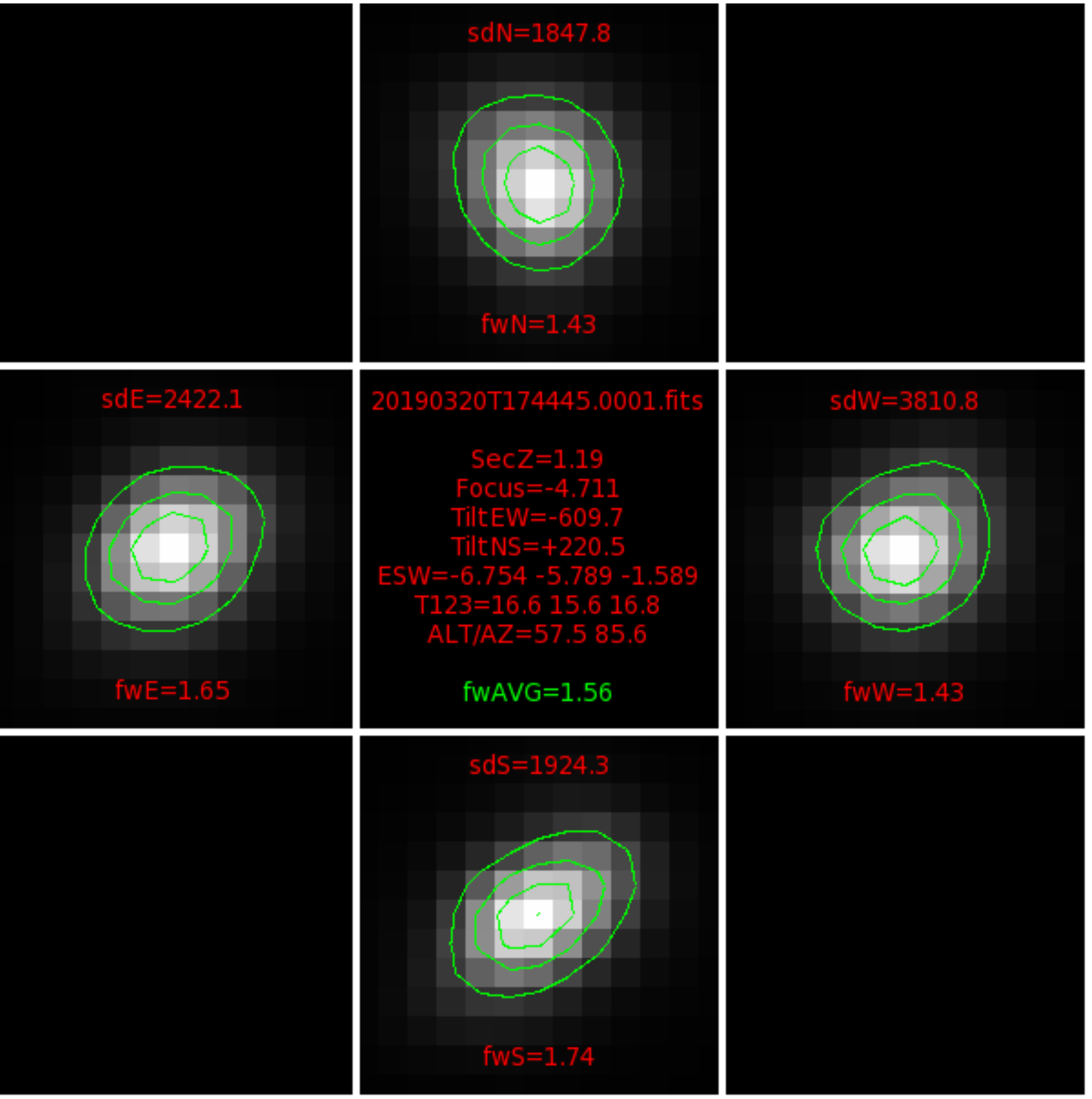
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fwN=1.43
sdE=2422.1
fwE=1.65
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SecZ=1.19
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.6 15.6 16.8
ALT/AZ=57.5 85.6
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sdW=3810.8
fwW=1.43
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fwS=1.74
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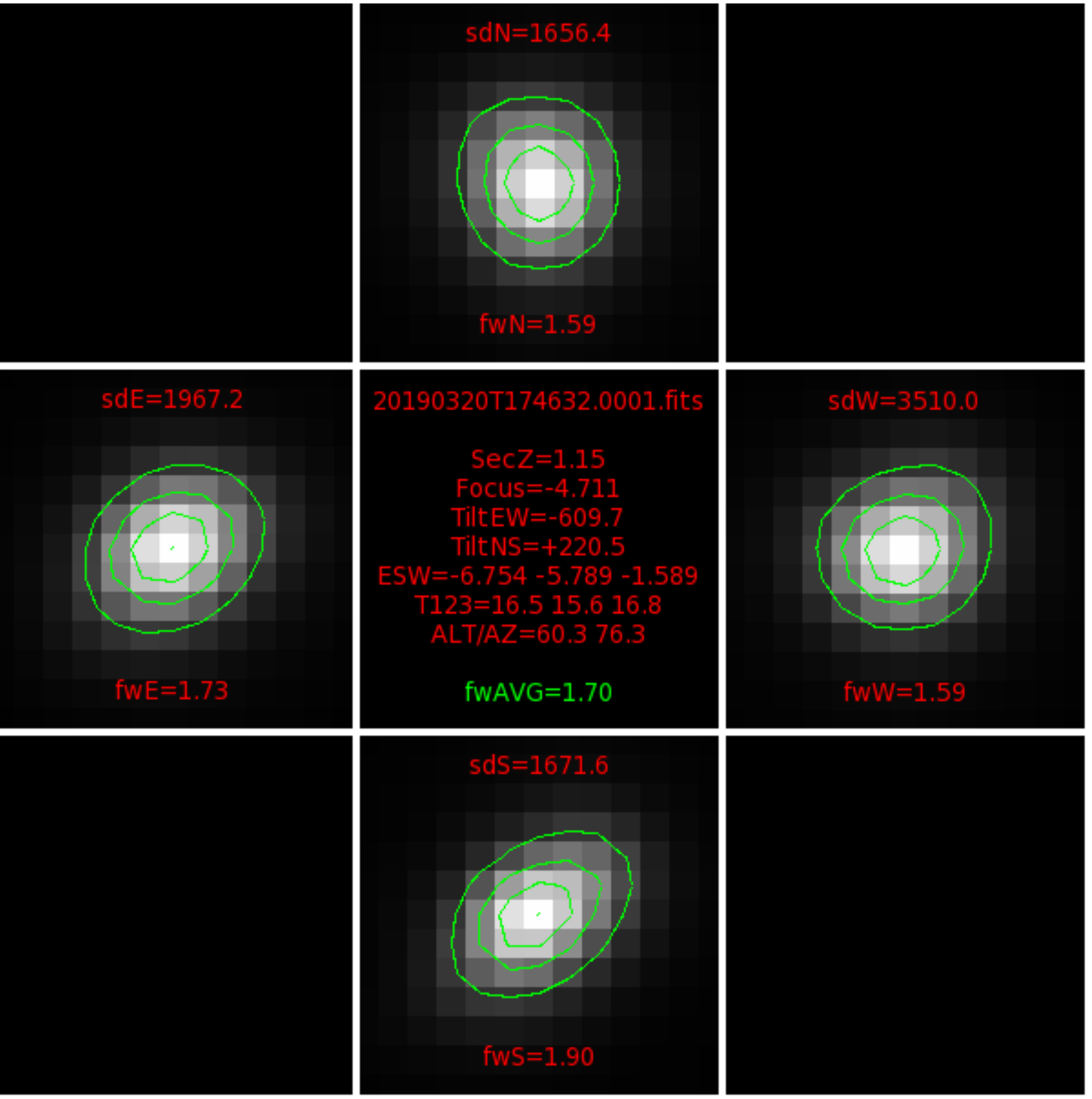
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fwN=1.59
sdE=1967.2
fwE=1.73
20190320T174632.0001.fits
SecZ=1.15
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=60.3 76.3
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sdW=3510.0
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sdS=1671.6
fwS=1.90
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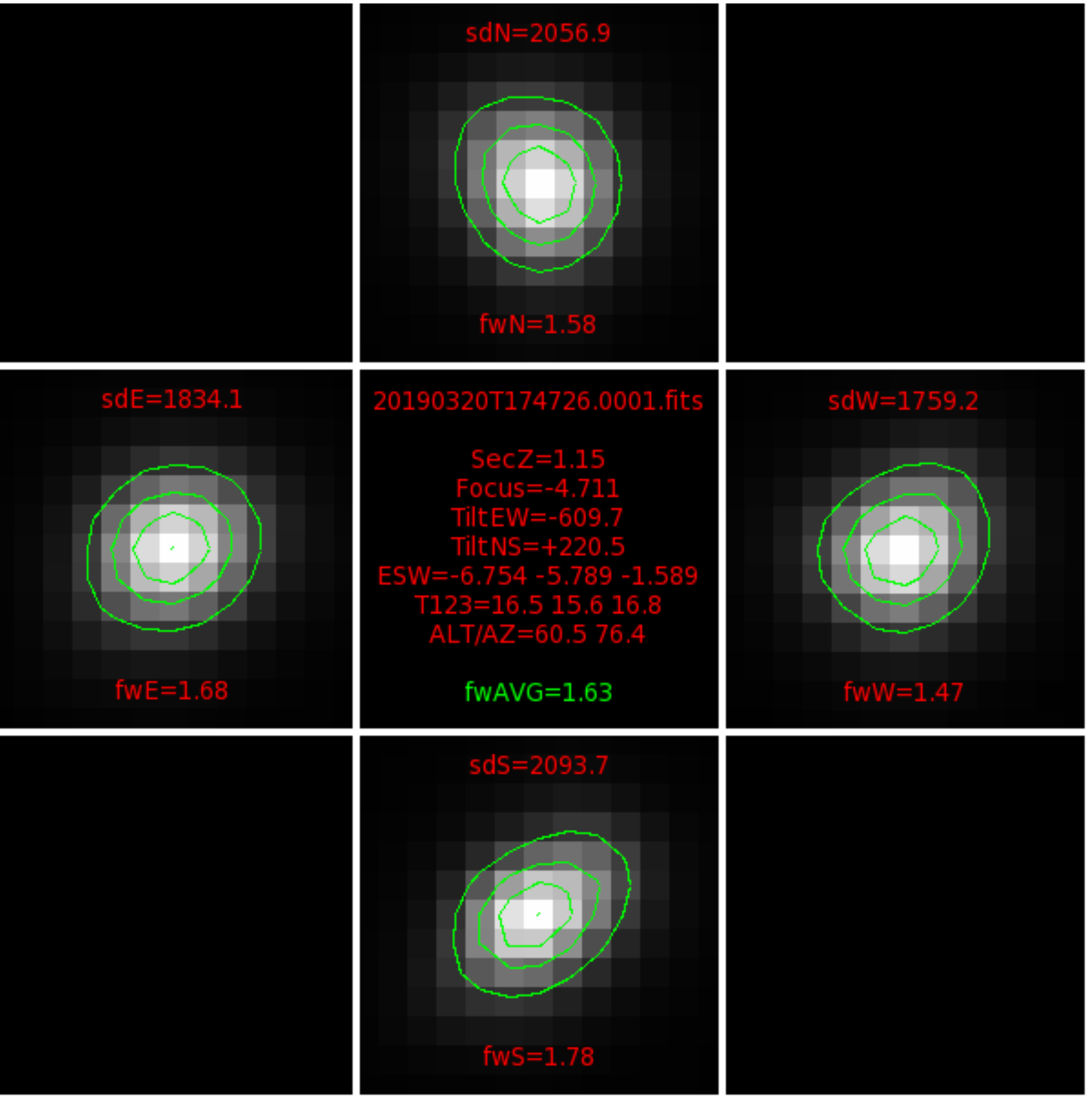
sdN=2056.9
fwN=1.58
sdE=1834.1
fwE=1.68
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SecZ=1.15
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=60.5 76.4
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sdW=1759.2
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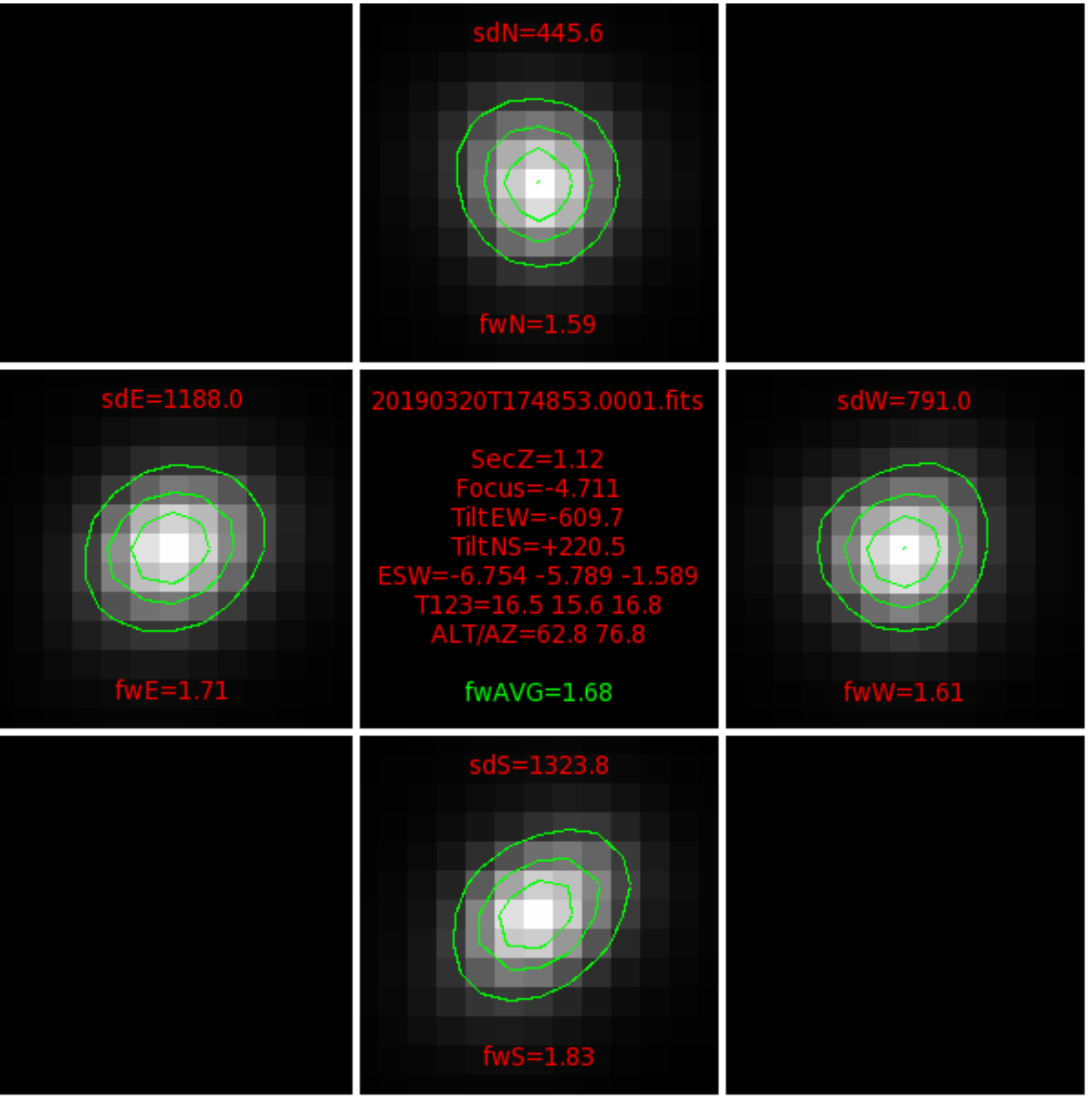
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sdE=1188.0
fwE=1.71
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SecZ=1.12
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=62.8 76.8
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sdW=791.0
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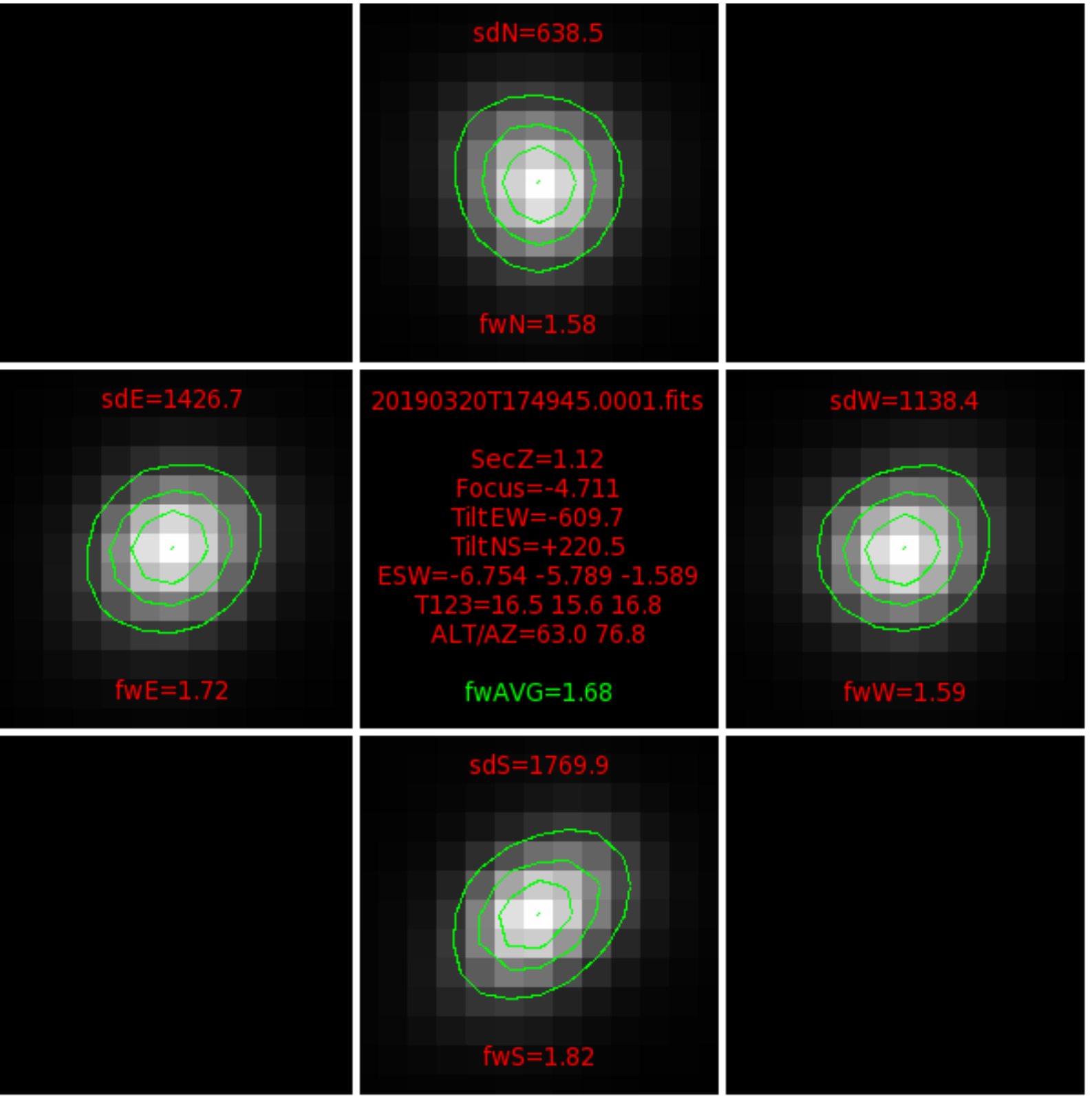
sdN=638.5
fwN=1.58
sdE=1426.7
fwE=1.72
20190320T174945.0001.fits
SecZ=1.12
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=63.0 76.8
fwAVG=1.68
sdW=1138.4
fwW=1.59
sdS=1769.9
fwS=1.82
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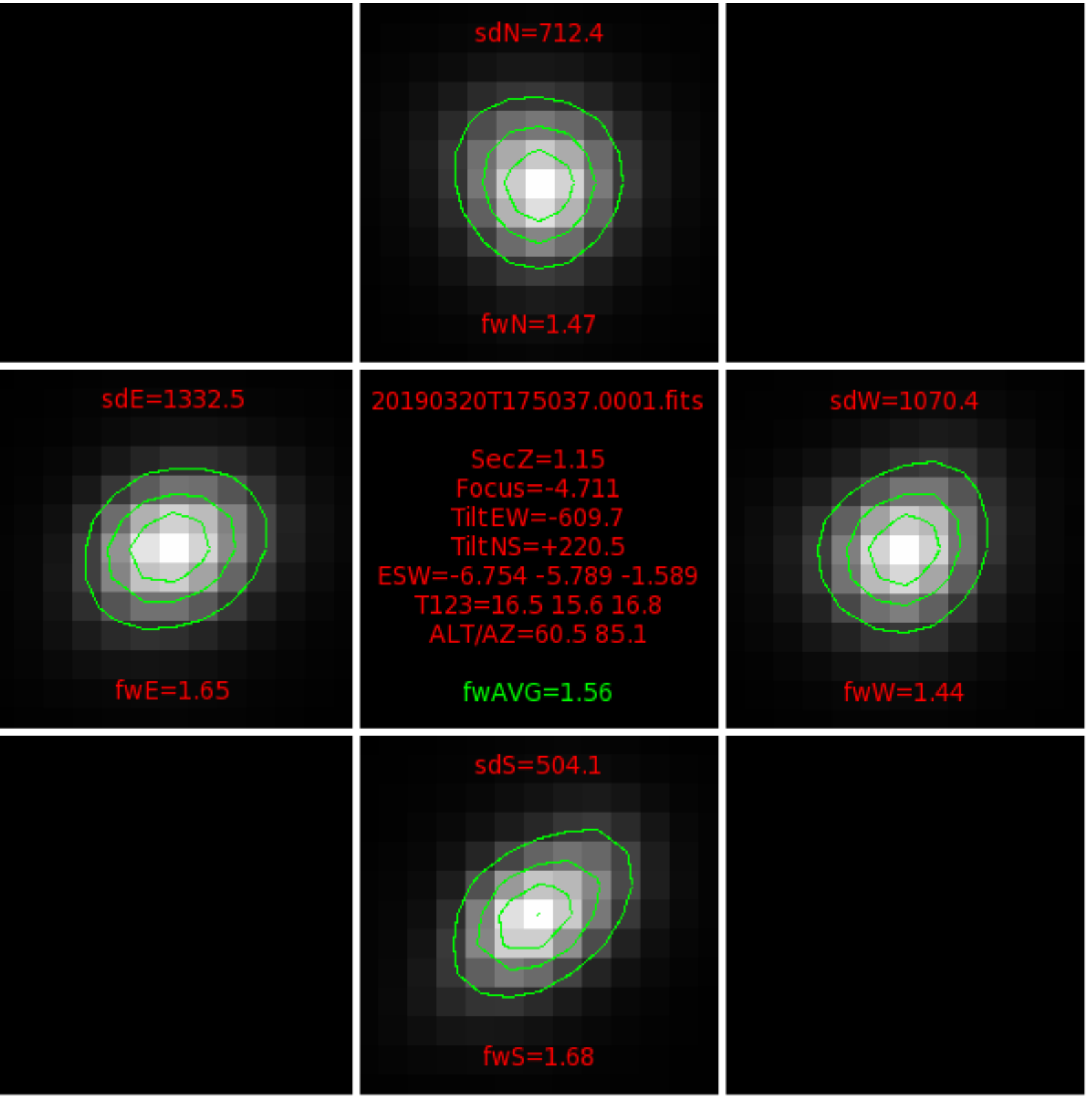
sdN=712.4
fwN=1.47
sdE=1332.5
fwE=1.65
20190320T175037.0001.fits
SecZ=1.15
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=60.5 85.1
fwAVG=1.56
sdW=1070.4
fwW=1.44
sdS=504.1
fwS=1.68
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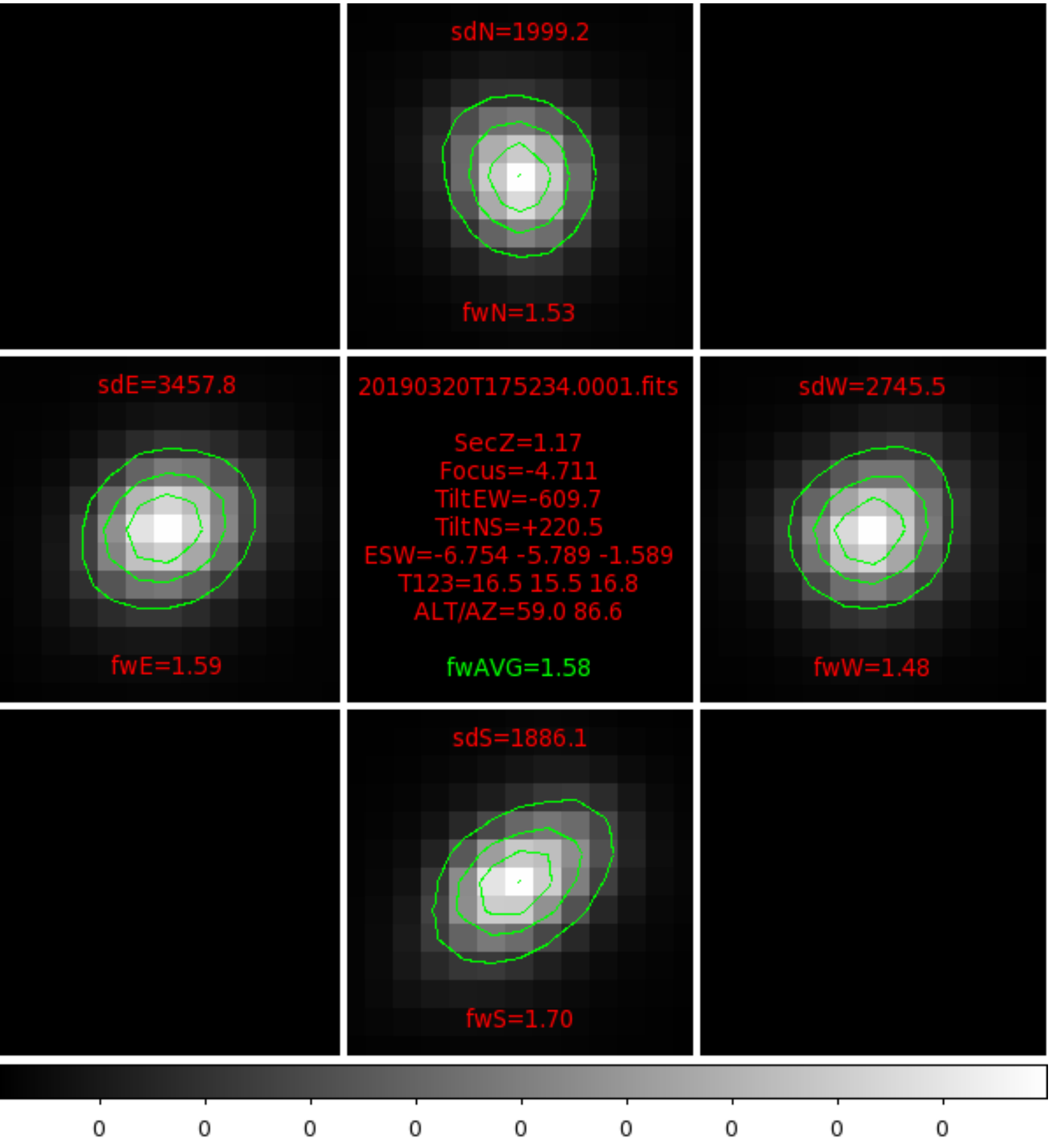
sdN=1999.2
fwN=1.53
sdE=3457.8
fwE=1.59
20190320T175234.0001.fits
SecZ=1.17
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.5 16.8
ALT/AZ=59.0 86.6
fwAVG=1.58
sdW=2745.5
fwW=1.48
sdS=1886.1
fwS=1.70
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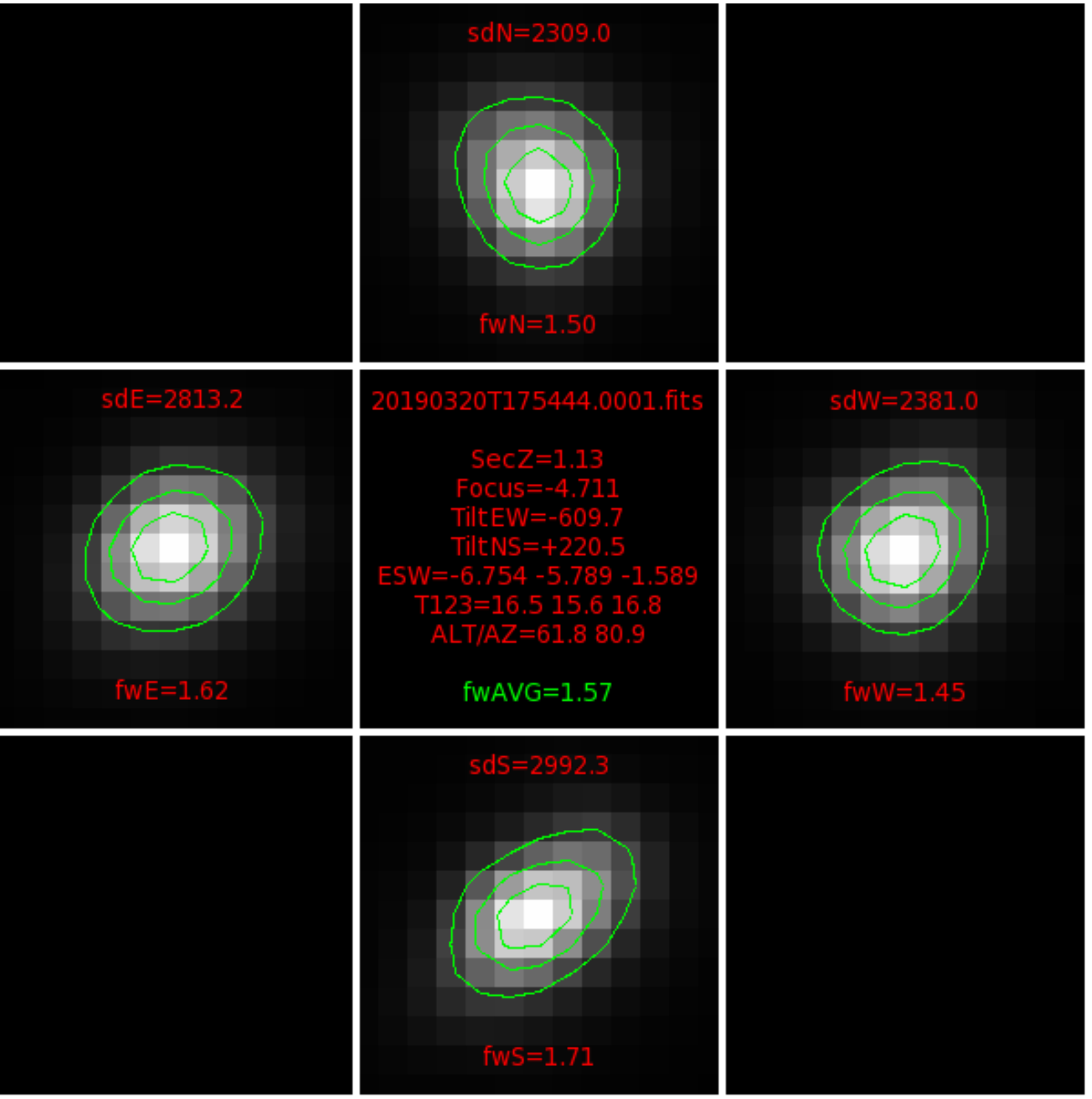
sdN=2309.0
fwN=1.50
sdE=2813.2
fwE=1.62
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SecZ=1.13
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.6 16.8
ALT/AZ=61.8 80.9
fwAVG=1.57
sdW=2381.0
fwW=1.45
sdS=2992.3
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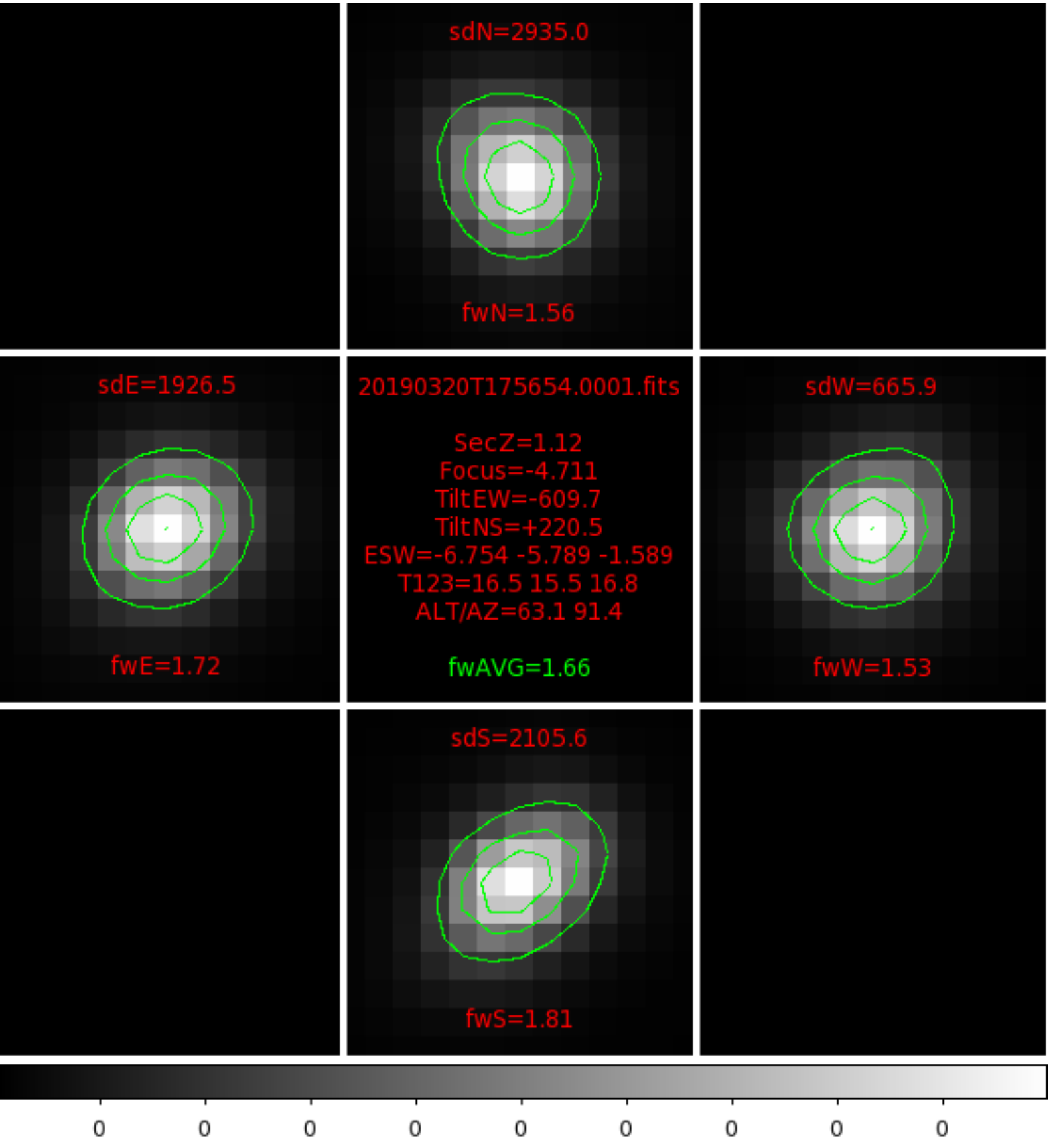
sdN=2935.0
fwN=1.56
sdE=1926.5
fwE=1.72
20190320T175654.0001.fits
SecZ=1.12
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.5 16.8
ALT/AZ=63.1 91.4
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sdW=665.9
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sdS=2105.6
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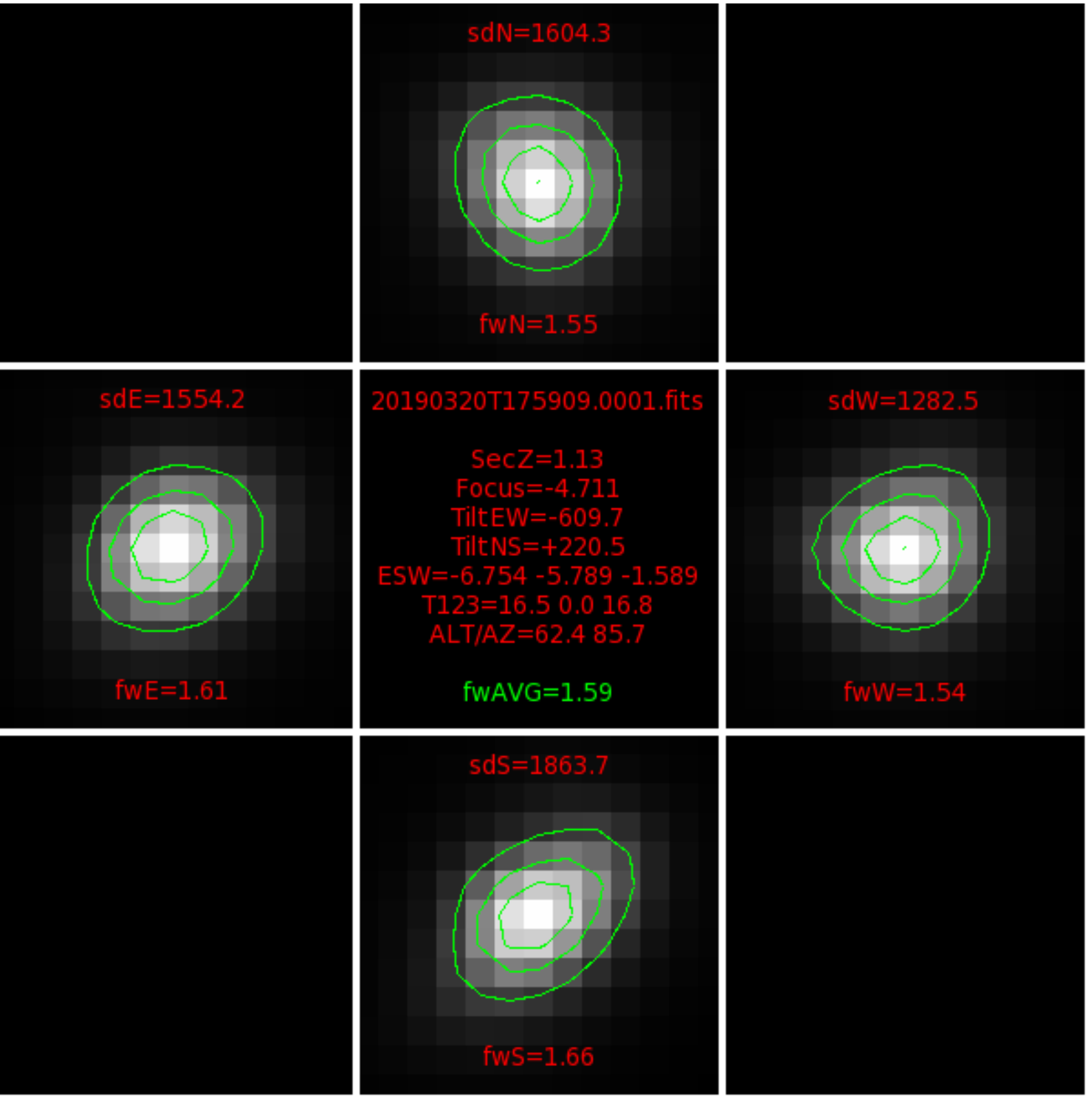
sdN=1604.3
fwN=1.55
sdE=1554.2
fwE=1.61
20190320T175909.0001.fits
SecZ=1.13
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 0.0 16.8
ALT/AZ=62.4 85.7
fwAVG=1.59
sdW=1282.5
fwW=1.54
sdS=1863.7
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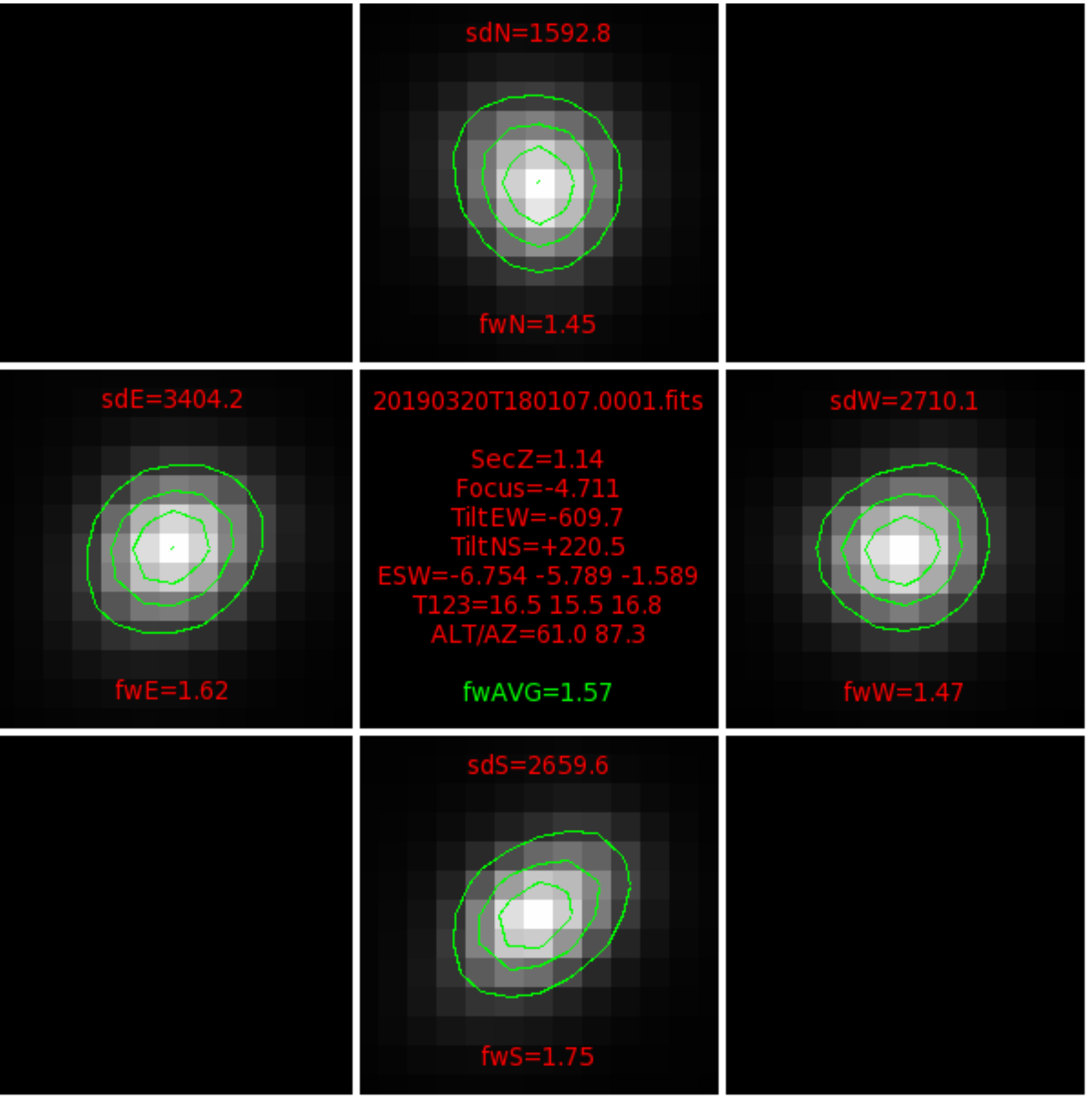
sdN=1592.8
fwN=1.45
sdE=3404.2
fwE=1.62
20190320T180107.0001.fits
SecZ=1.14
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.5 16.8
ALT/AZ=61.0 87.3
fwAVG=1.57
sdW=2710.1
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sdS=2659.6
fwS=1.75
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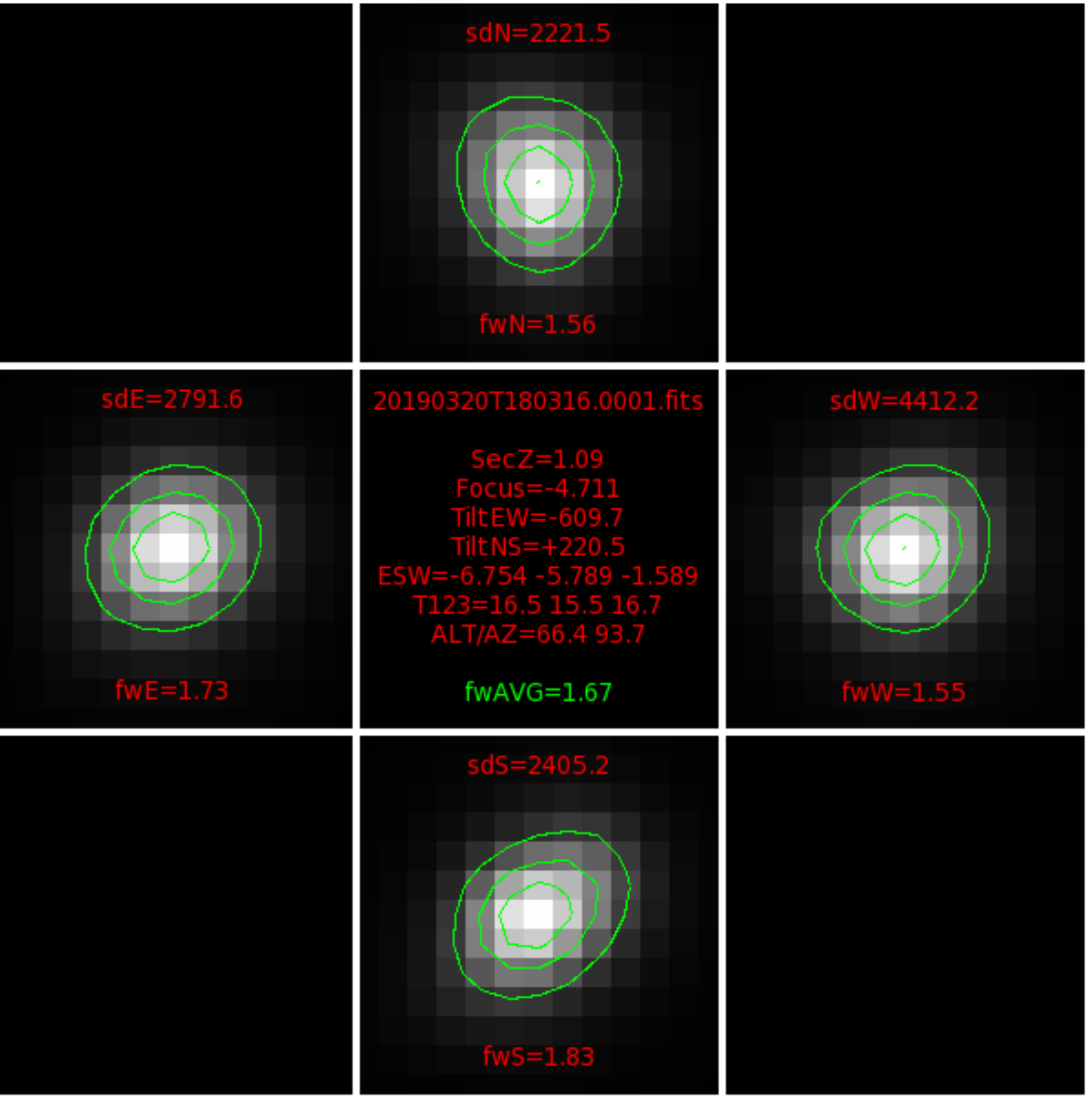
sdN=2221.5
fwN=1.56
sdE=2791.6
fwE=1.73
20190320T180316.0001.fits
SecZ=1.09
Focus=-4.711
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.754 -5.789 -1.589
T123=16.5 15.5 16.7
ALT/AZ=66.4 93.7
fwAVG=1.67
sdW=4412.2
fwW=1.55
sdS=2405.2
fwS=1.83
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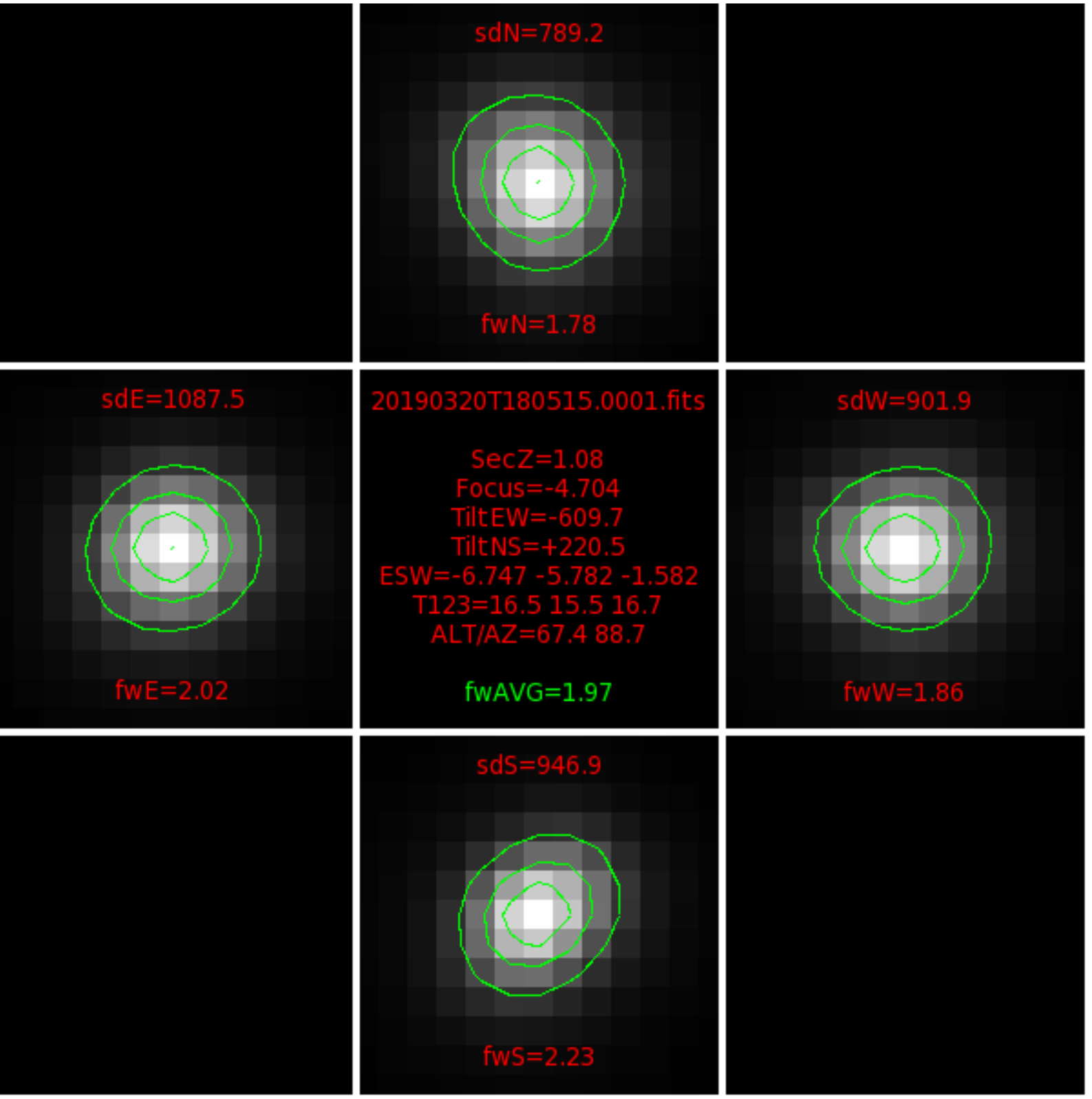
sdN=789.2
fwN=1.78
sdE=1087.5
fwE=2.02
20190320T180515.0001.fits
SecZ=1.08
Focus=-4.704
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.747 -5.782 -1.582
T123=16.5 15.5 16.7
ALT/AZ=67.4 88.7
fwAVG=1.97
sdW=901.9
fwW=1.86
sdS=946.9
fwS=2.23
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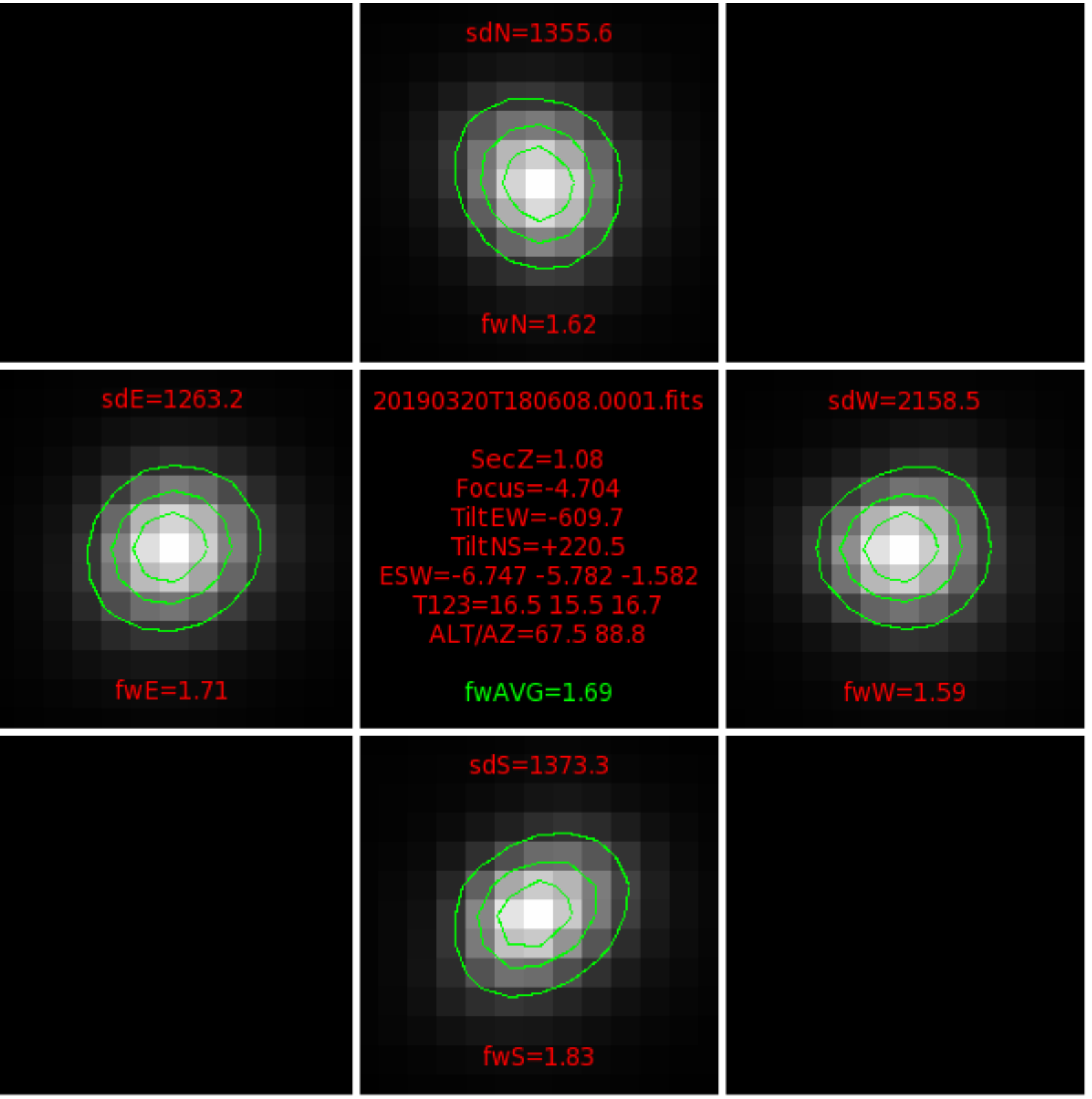
sdN=1355.6
fwN=1.62
sdE=1263.2
fwE=1.71
20190320T180608.0001.fits
SecZ=1.08
Focus=-4.704
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.747 -5.782 -1.582
T123=16.5 15.5 16.7
ALT/AZ=67.5 88.8
fwAVG=1.69
sdW=2158.5
fwW=1.59
sdS=1373.3
fwS=1.83
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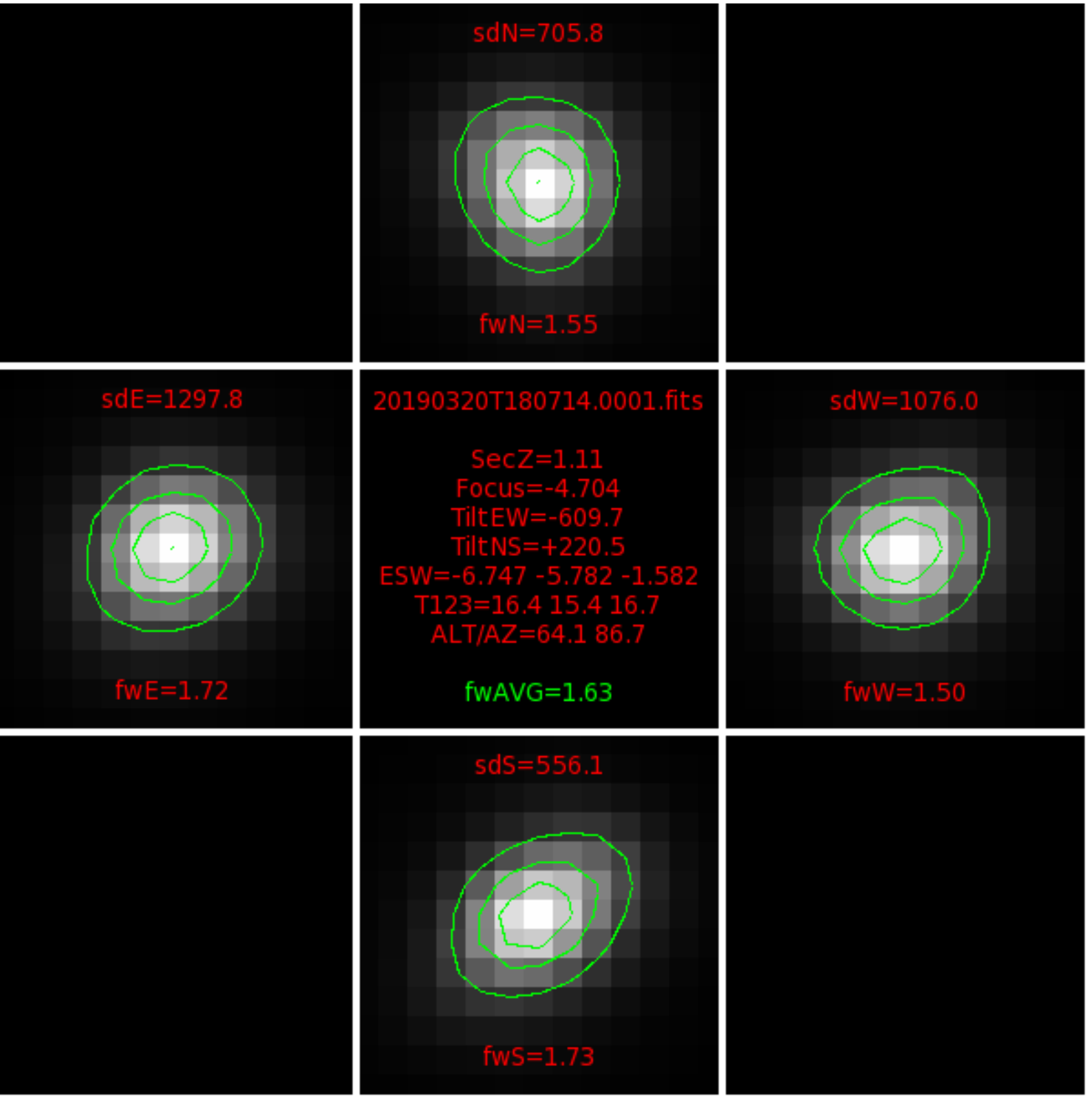
sdN=705.8
fwN=1.55
sdE=1297.8
fwE=1.72
20190320T180714.0001.fits
SecZ=1.11
Focus=-4.704
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.747 -5.782 -1.582
T123=16.4 15.4 16.7
ALT/AZ=64.1 86.7
fwAVG=1.63
sdW=1076.0
fwW=1.50
sdS=556.1
fwS=1.73
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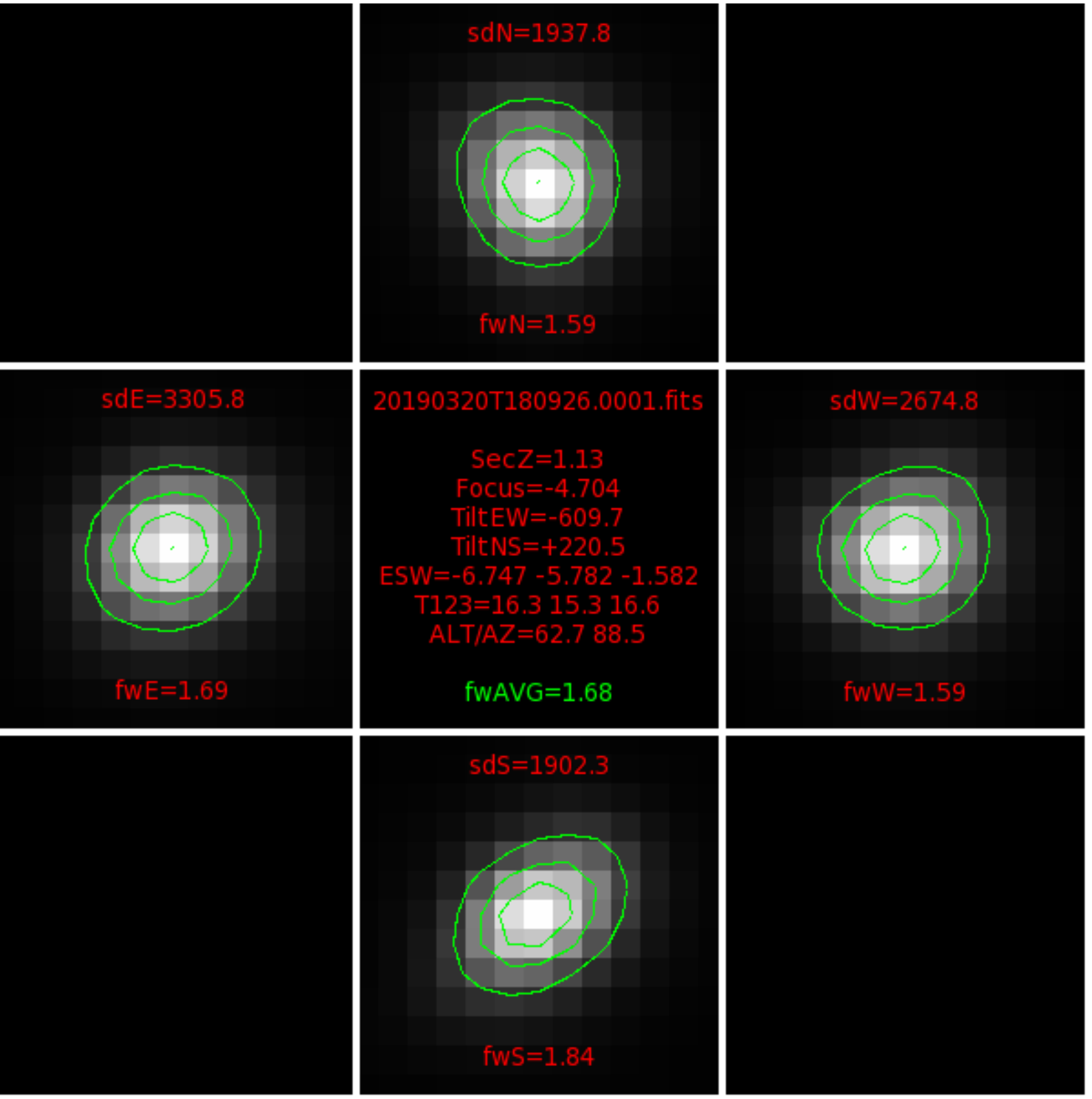
sdN=1937.8
fwN=1.59
sdE=3305.8
fwE=1.69
20190320T180926.0001.fits
SecZ=1.13
Focus=-4.704
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.747 -5.782 -1.582
T123=16.3 15.3 16.6
ALT/AZ=62.7 88.5
fwAVG=1.68
sdW=2674.8
fwW=1.59
sdS=1902.3
fwS=1.84
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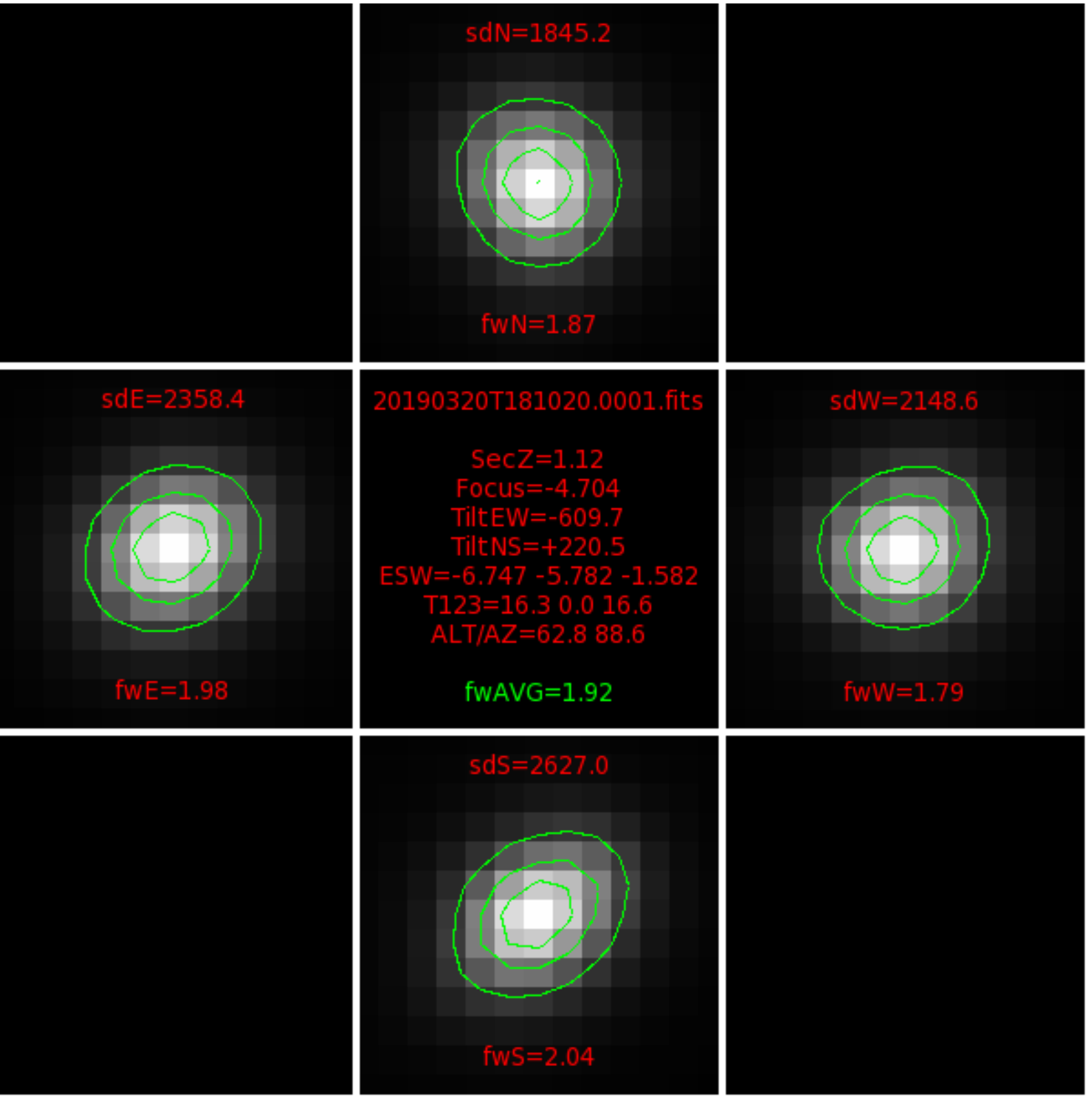
sdN=1845.2
fwN=1.87
sdE=2358.4
fwE=1.98
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SecZ=1.12
Focus=-4.704
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.747 -5.782 -1.582
T123=16.3 0.0 16.6
ALT/AZ=62.8 88.6
fwAVG=1.92
sdW=2148.6
fwW=1.79
sdS=2627.0
fwS=2.04
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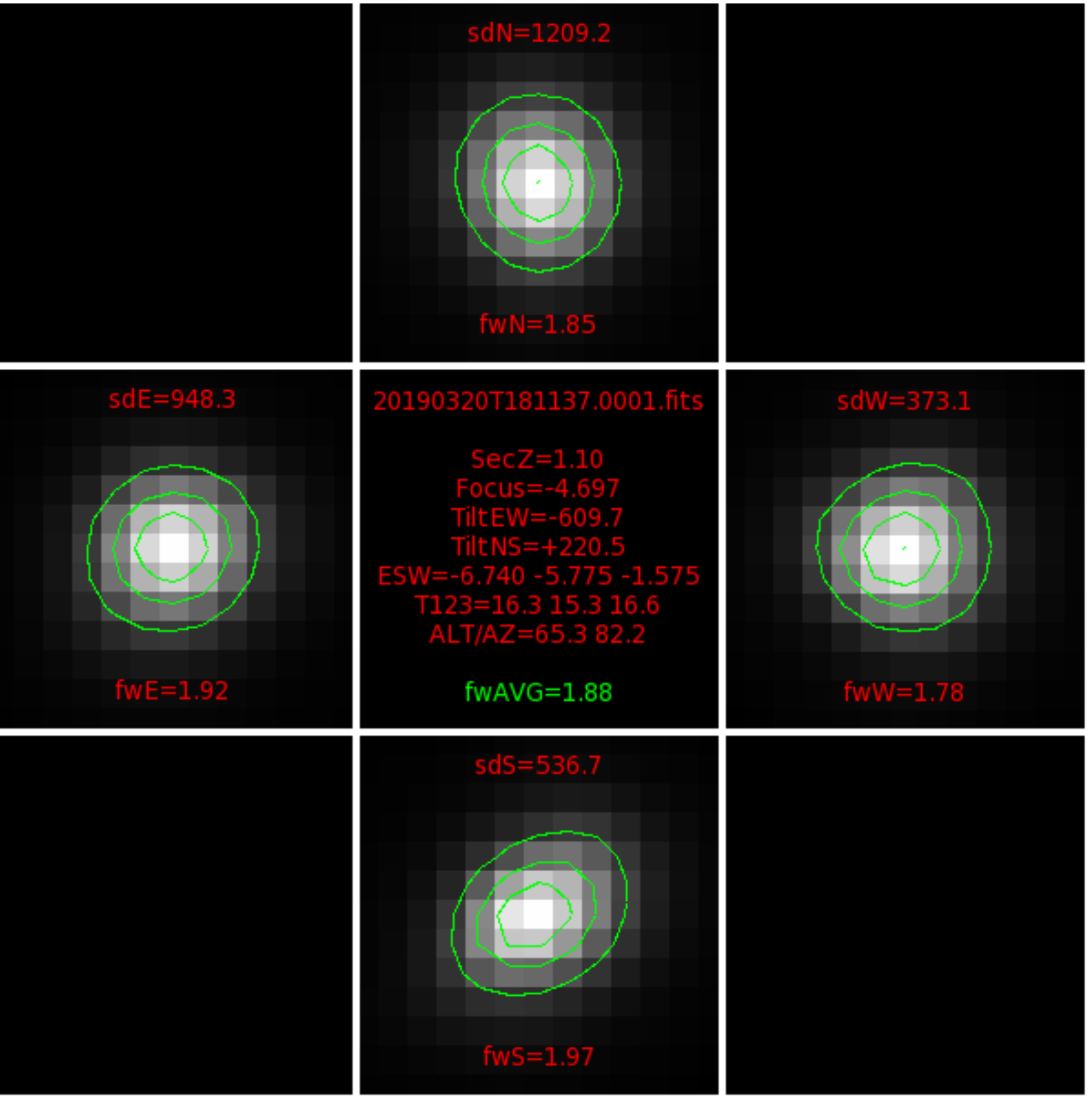
sdN=1209.2
fwN=1.85
sdE=948.3
fwE=1.92
20190320T181137.0001.fits
SecZ=1.10
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.3 15.3 16.6
ALT/AZ=65.3 82.2
fwAVG=1.88
sdW=373.1
fwW=1.78
sdS=536.7
fwS=1.97
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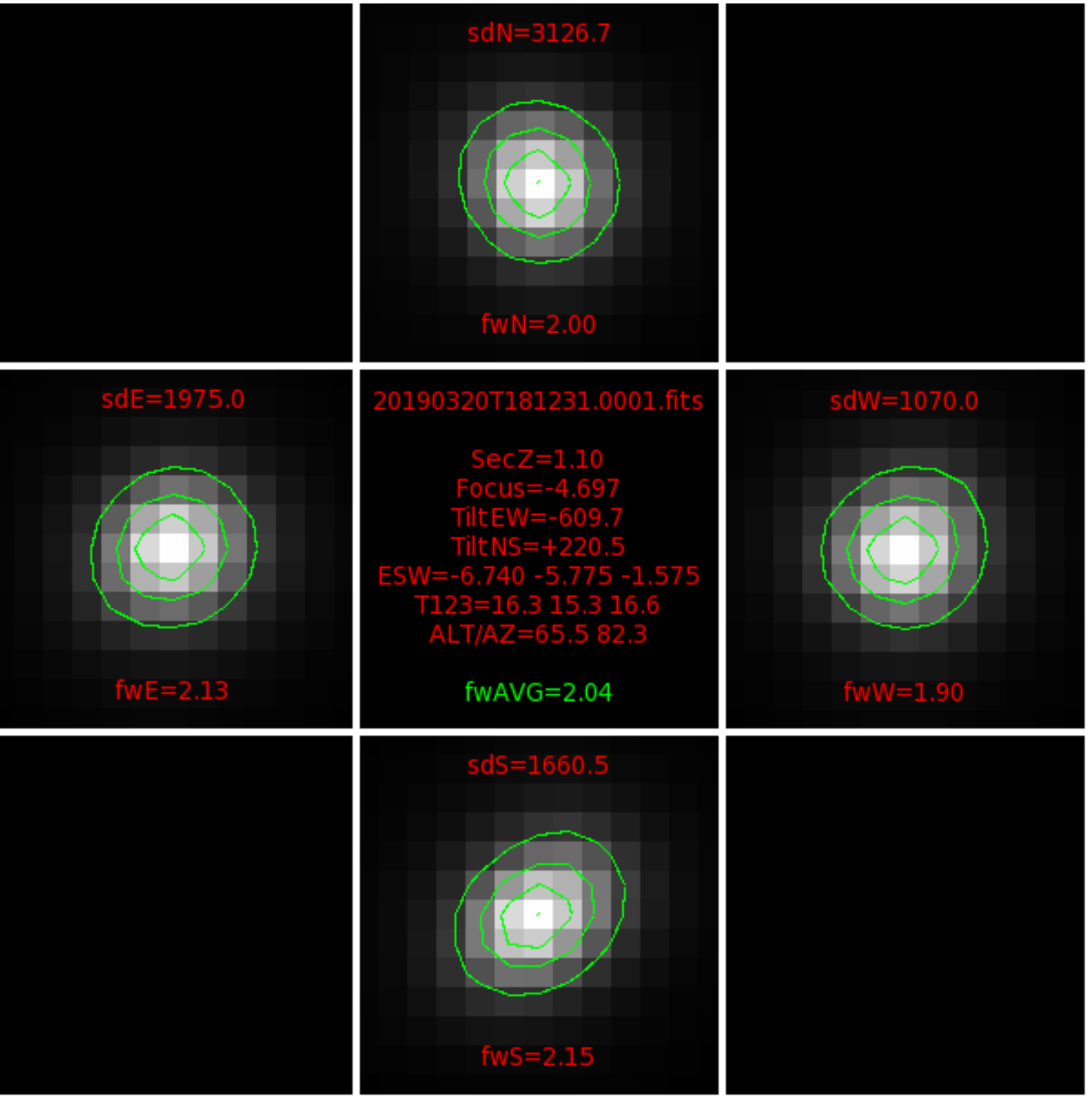
sdN=3126.7
fwN=2.00
sdE=1975.0
fwE=2.13
20190320T181231.0001.fits
SecZ=1.10
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.3 15.3 16.6
ALT/AZ=65.5 82.3
fwAVG=2.04
sdW=1070.0
fwW=1.90
sdS=1660.5
fwS=2.15
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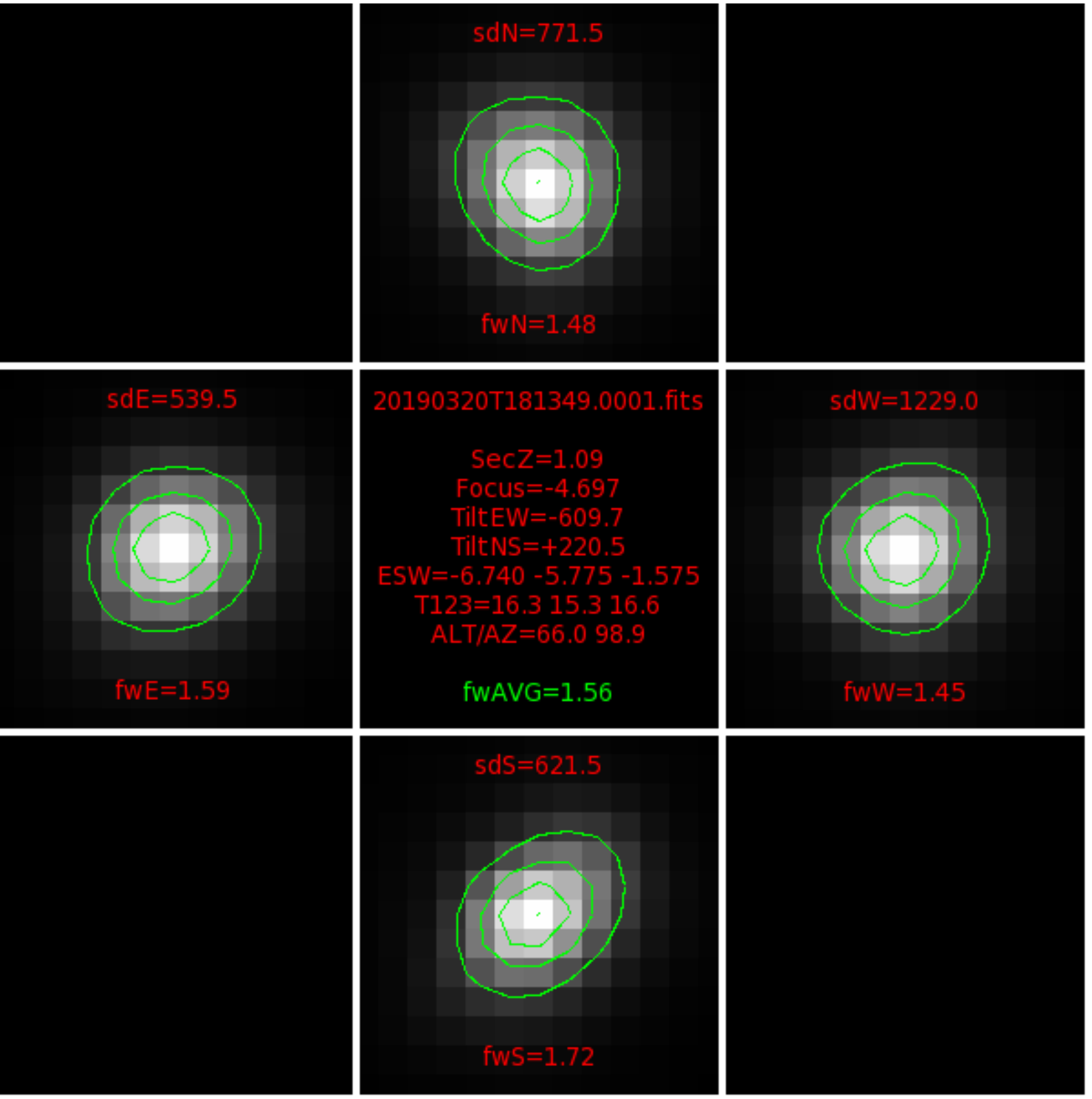
sdN=771.5
fwN=1.48
sdE=539.5
fwE=1.59
20190320T181349.0001.fits
SecZ=1.09
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.3 15.3 16.6
ALT/AZ=66.0 98.9
fwAVG=1.56
sdW=1229.0
fwW=1.45
sdS=621.5
fwS=1.72
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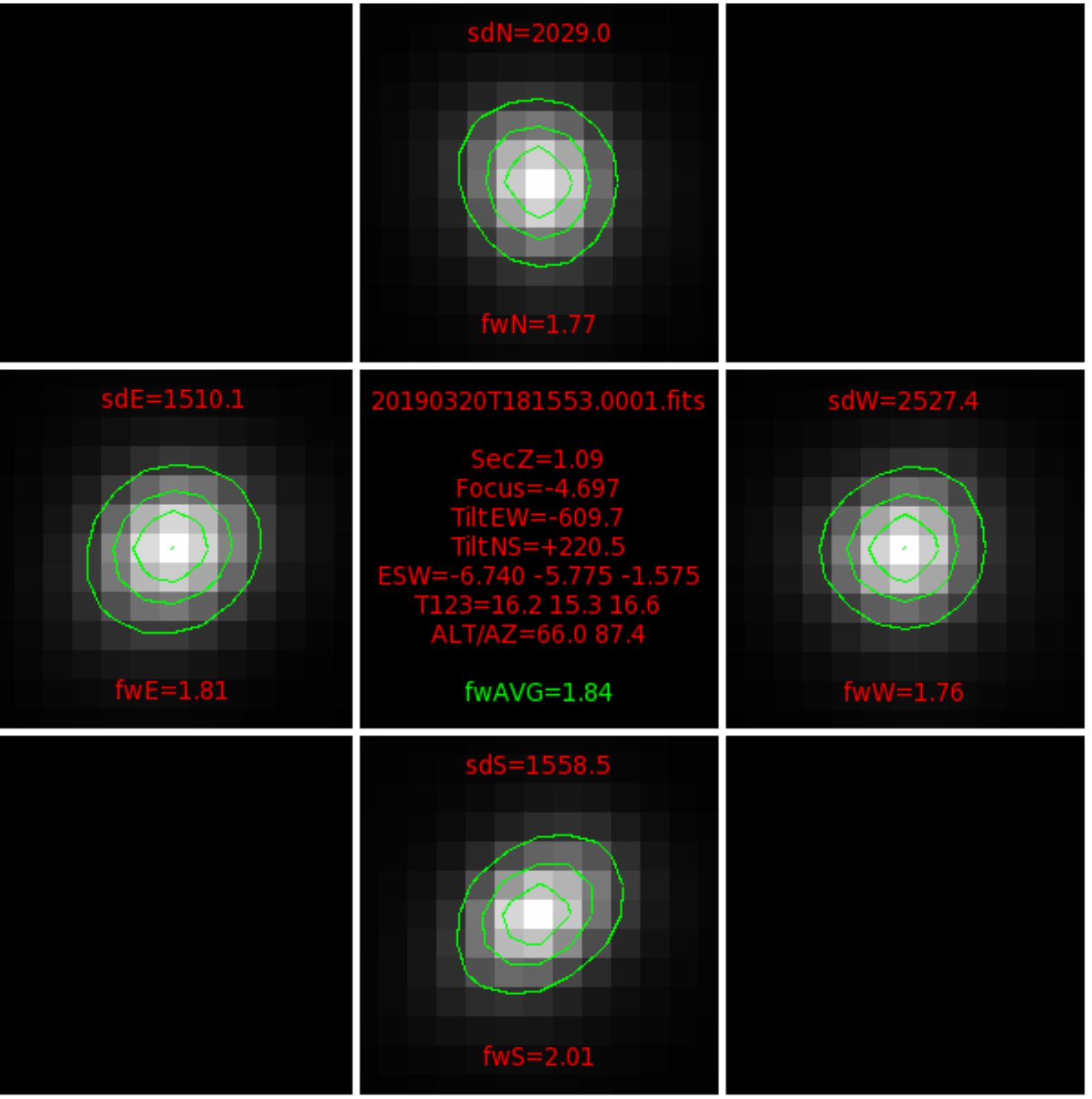
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fwN=1.77
sdE=1510.1
fwE=1.81
20190320T181553.0001.fits
SecZ=1.09
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.2 15.3 16.6
ALT/AZ=66.0 87.4
fwAVG=1.84
sdW=2527.4
fwW=1.76
sdS=1558.5
fwS=2.01
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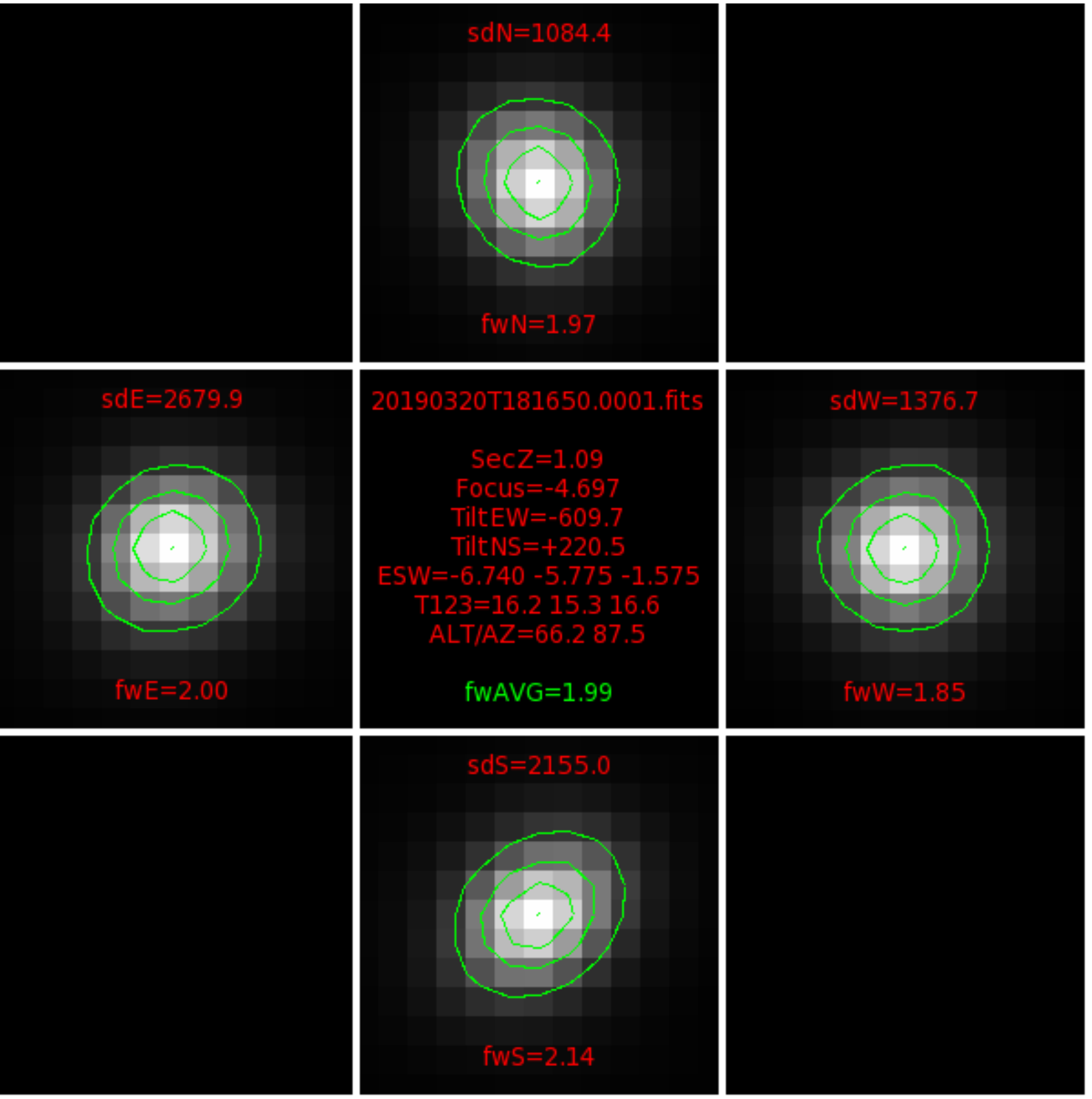
sdN=1084.4
fwN=1.97
sdE=2679.9
fwE=2.00
20190320T181650.0001.fits
SecZ=1.09
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.2 15.3 16.6
ALT/AZ=66.2 87.5
fwAVG=1.99
sdW=1376.7
fwW=1.85
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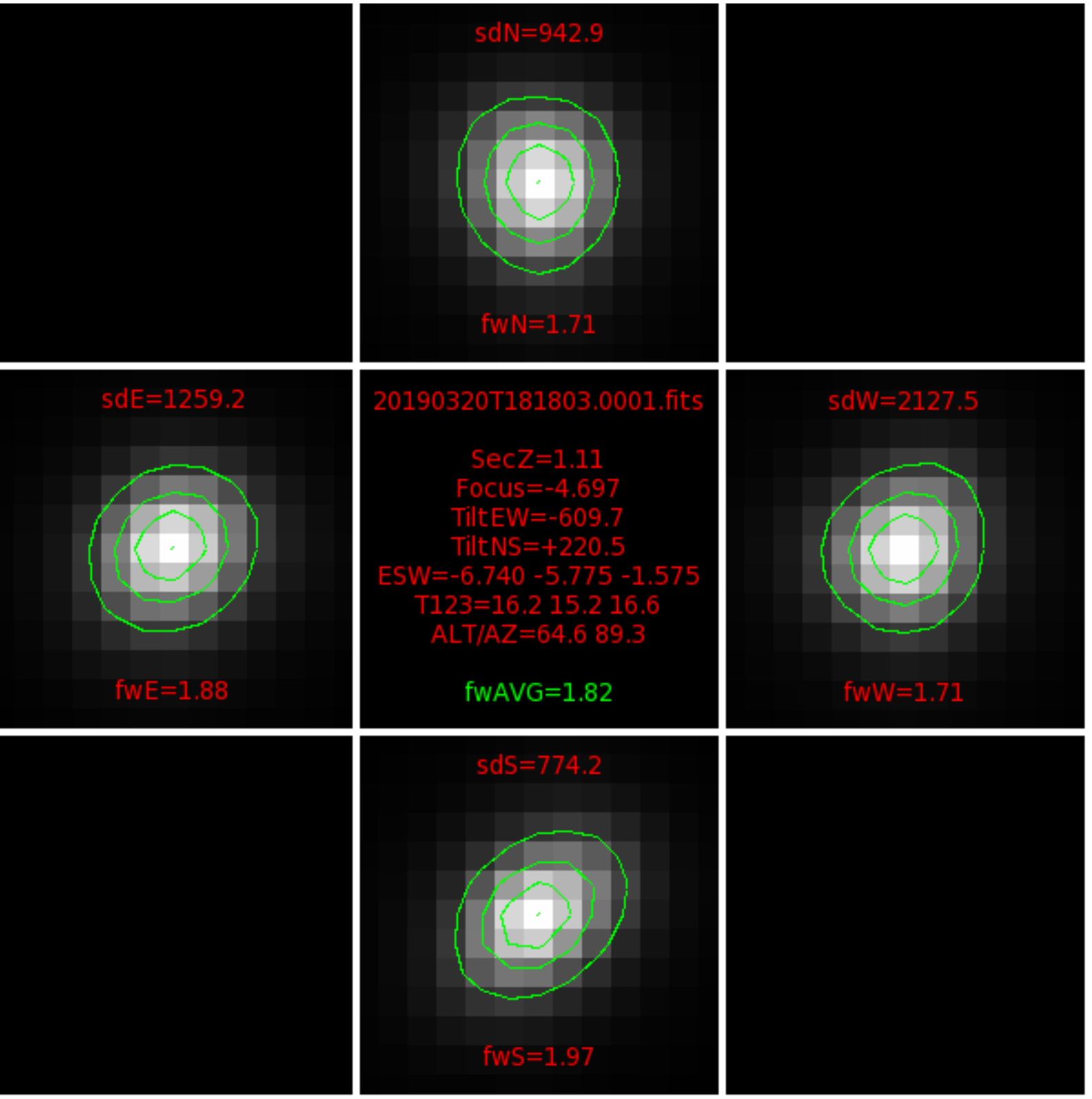
sdN=942.9
fwN=1.71
sdE=1259.2
fwE=1.88
20190320T181803.0001.fits
SecZ=1.11
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.2 15.2 16.6
ALT/AZ=64.6 89.3
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sdW=2127.5
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sdS=774.2
fwS=1.97
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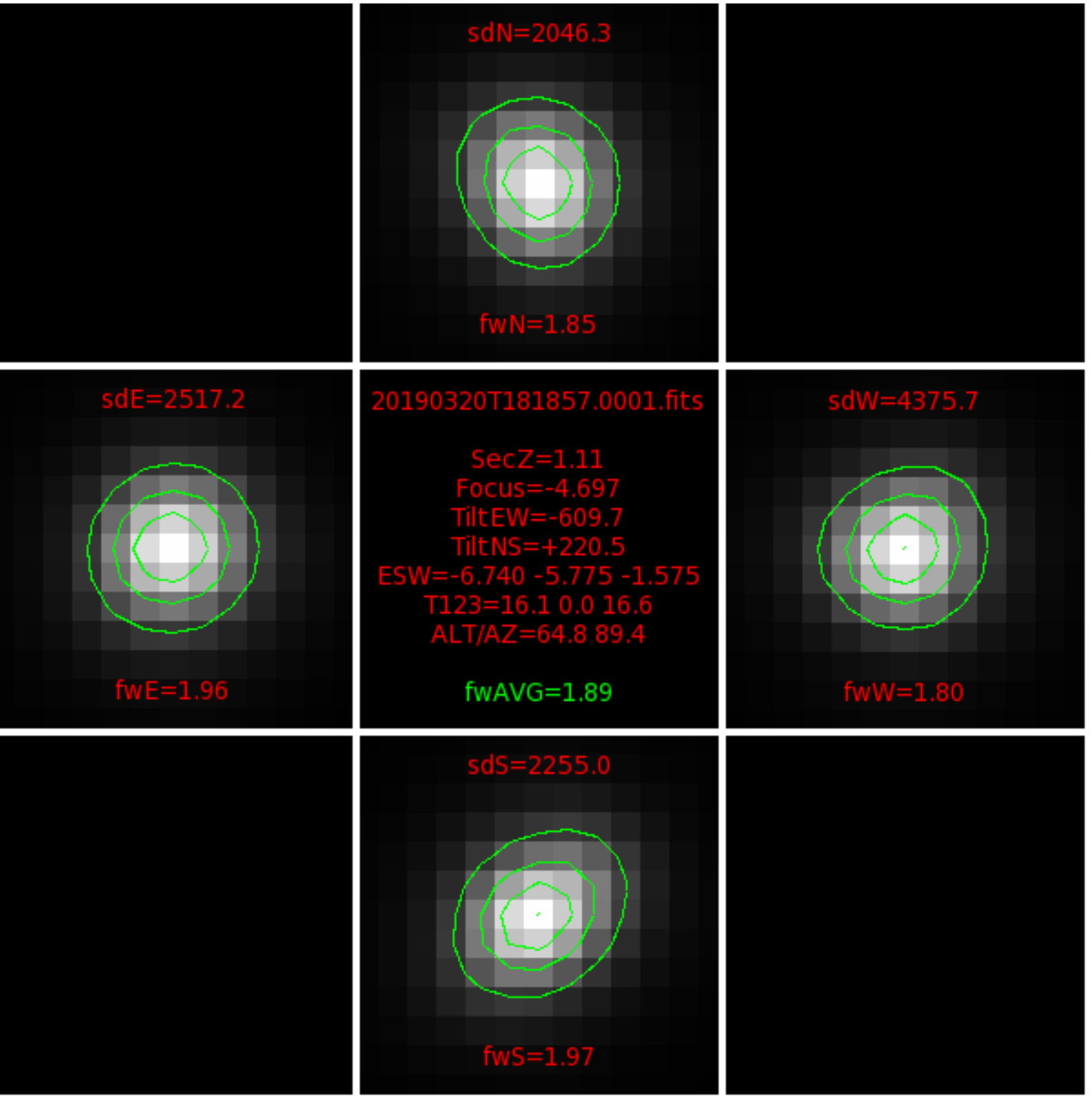
sdN=2046.3
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sdE=2517.2
fwE=1.96
20190320T181857.0001.fits
SecZ=1.11
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.1 0.0 16.6
ALT/AZ=64.8 89.4
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sdW=4375.7
fwW=1.80
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fwS=1.97
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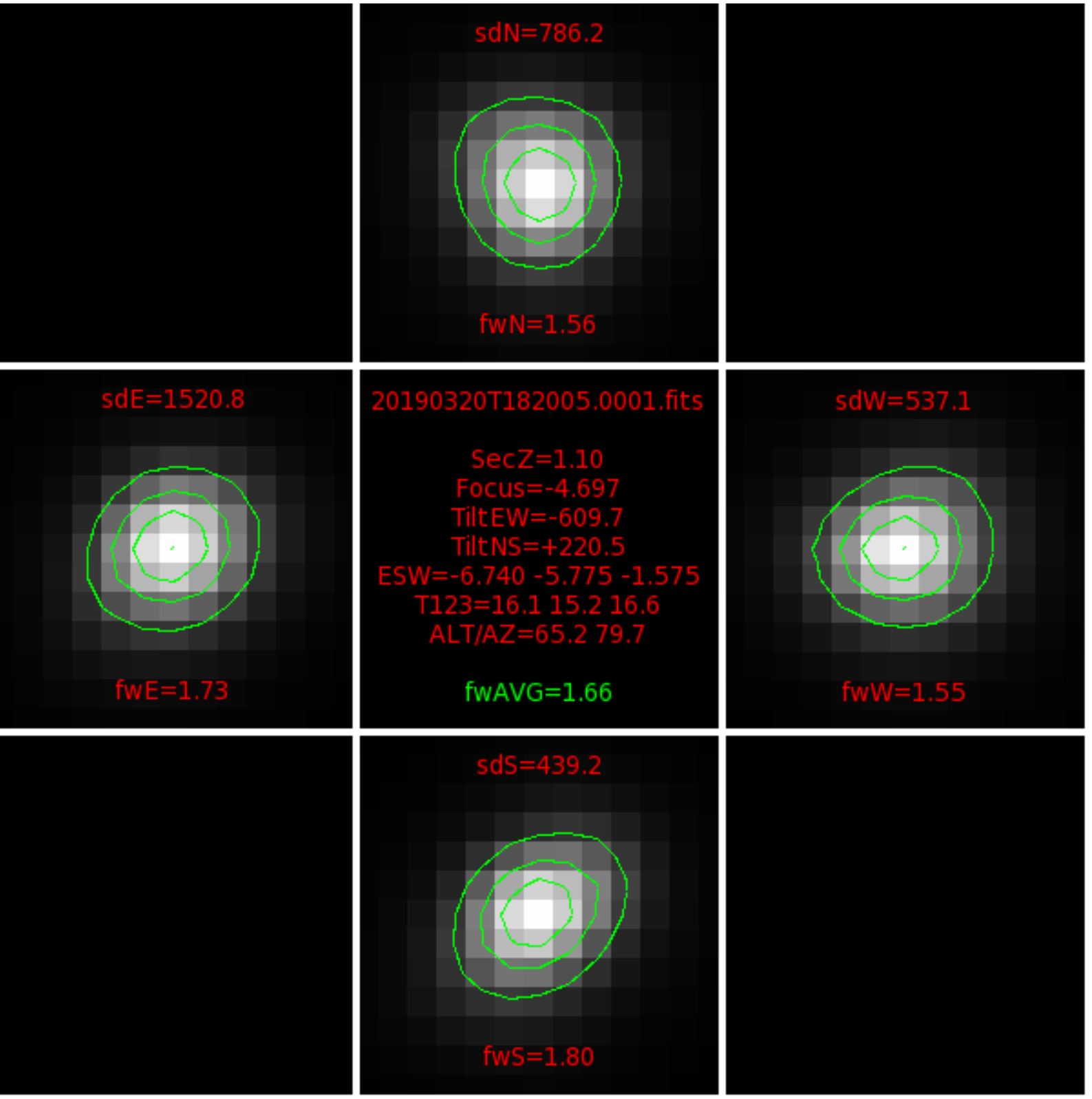
sdN=786.2
fwN=1.56
sdE=1520.8
fwE=1.73
20190320T182005.0001.fits
SecZ=1.10
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.1 15.2 16.6
ALT/AZ=65.2 79.7
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sdW=537.1
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sdS=439.2
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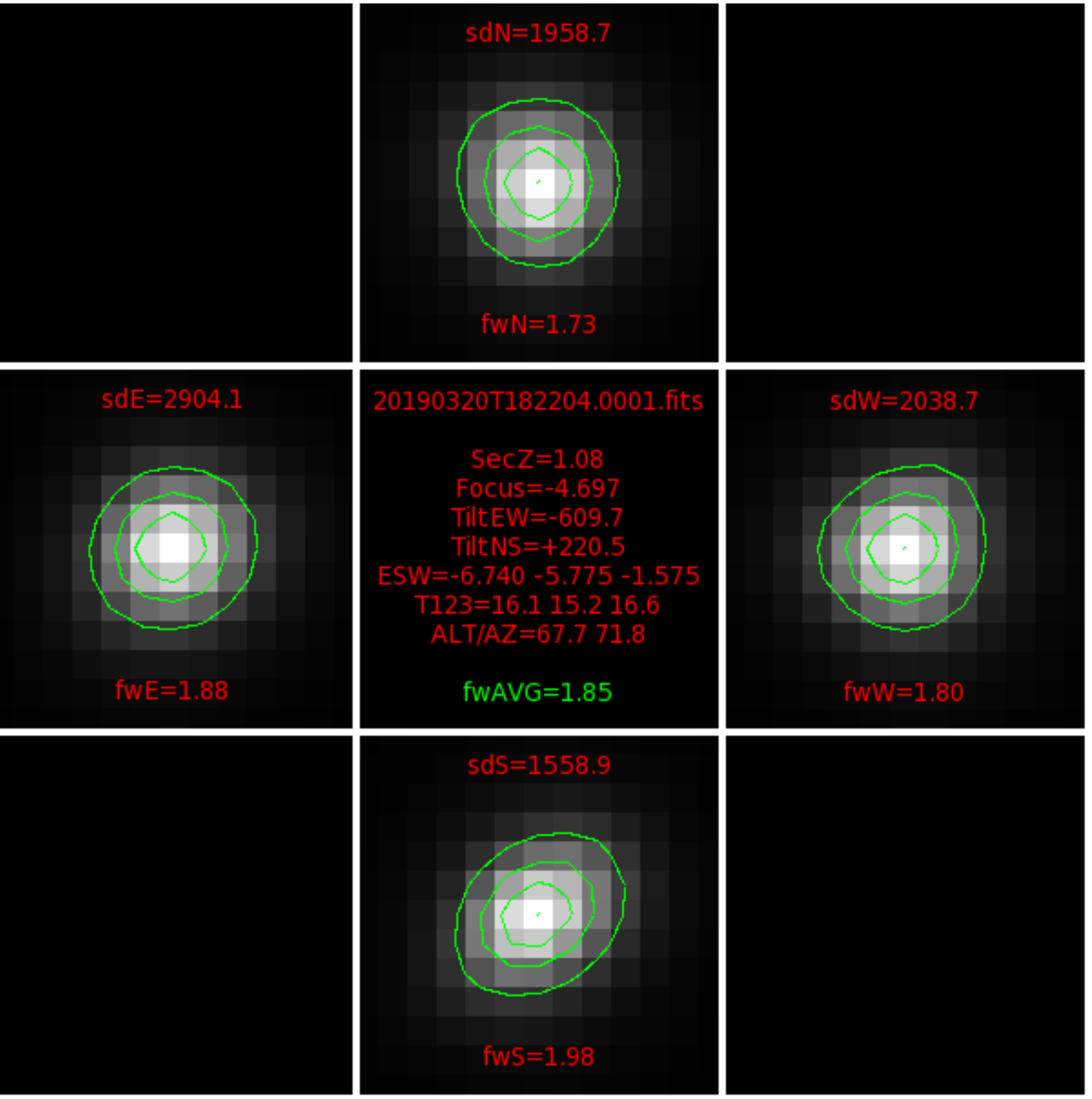
sdN=1958.7
fwN=1.73
sdE=2904.1
fwE=1.88
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SecZ=1.08
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.1 15.2 16.6
ALT/AZ=67.7 71.8
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sdW=2038.7
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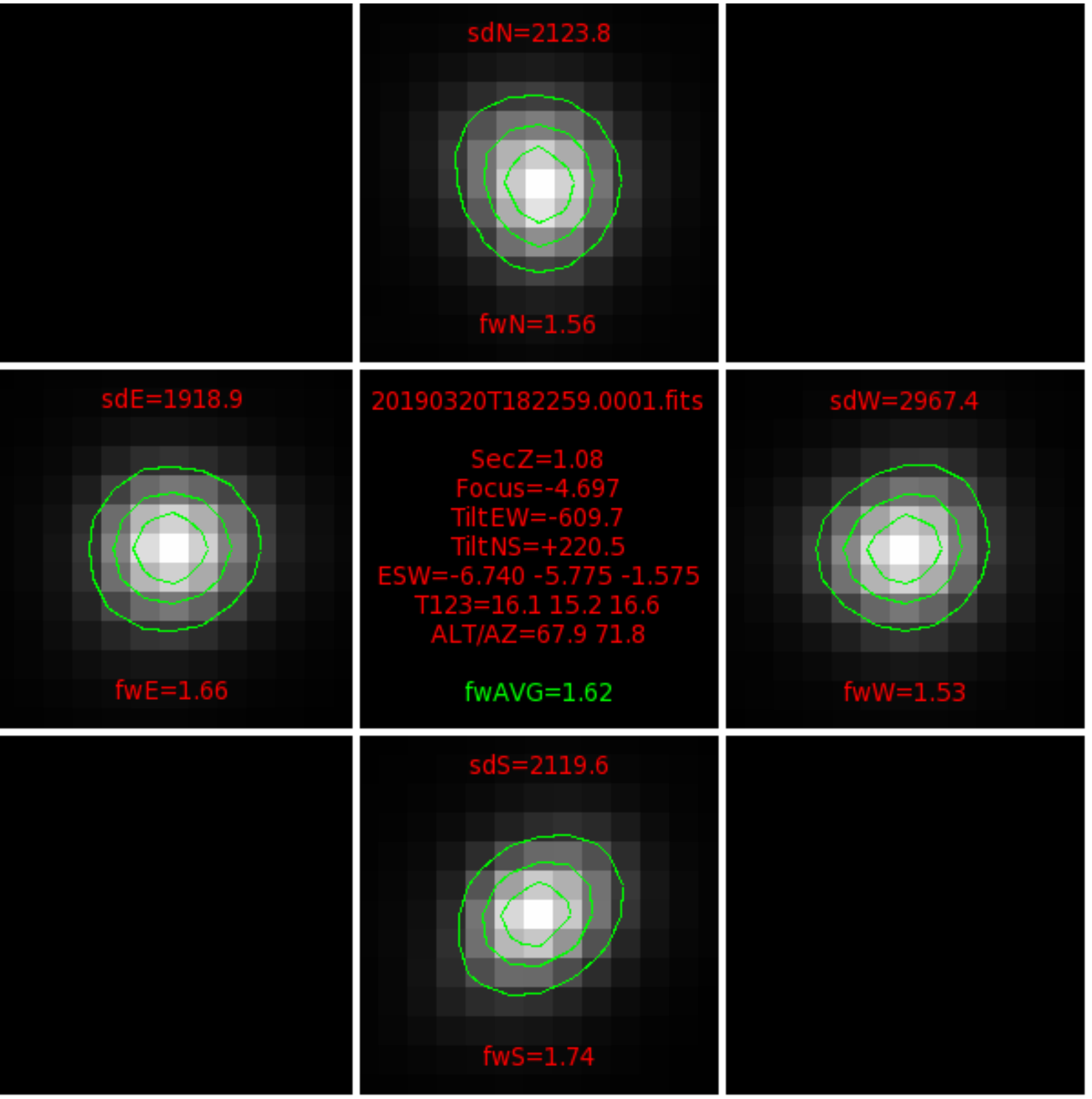
sdN=2123.8
fwN=1.56
sdE=1918.9
fwE=1.66
20190320T182259.0001.fits
SecZ=1.08
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.1 15.2 16.6
ALT/AZ=67.9 71.8
fwAVG=1.62
sdW=2967.4
fwW=1.53
sdS=2119.6
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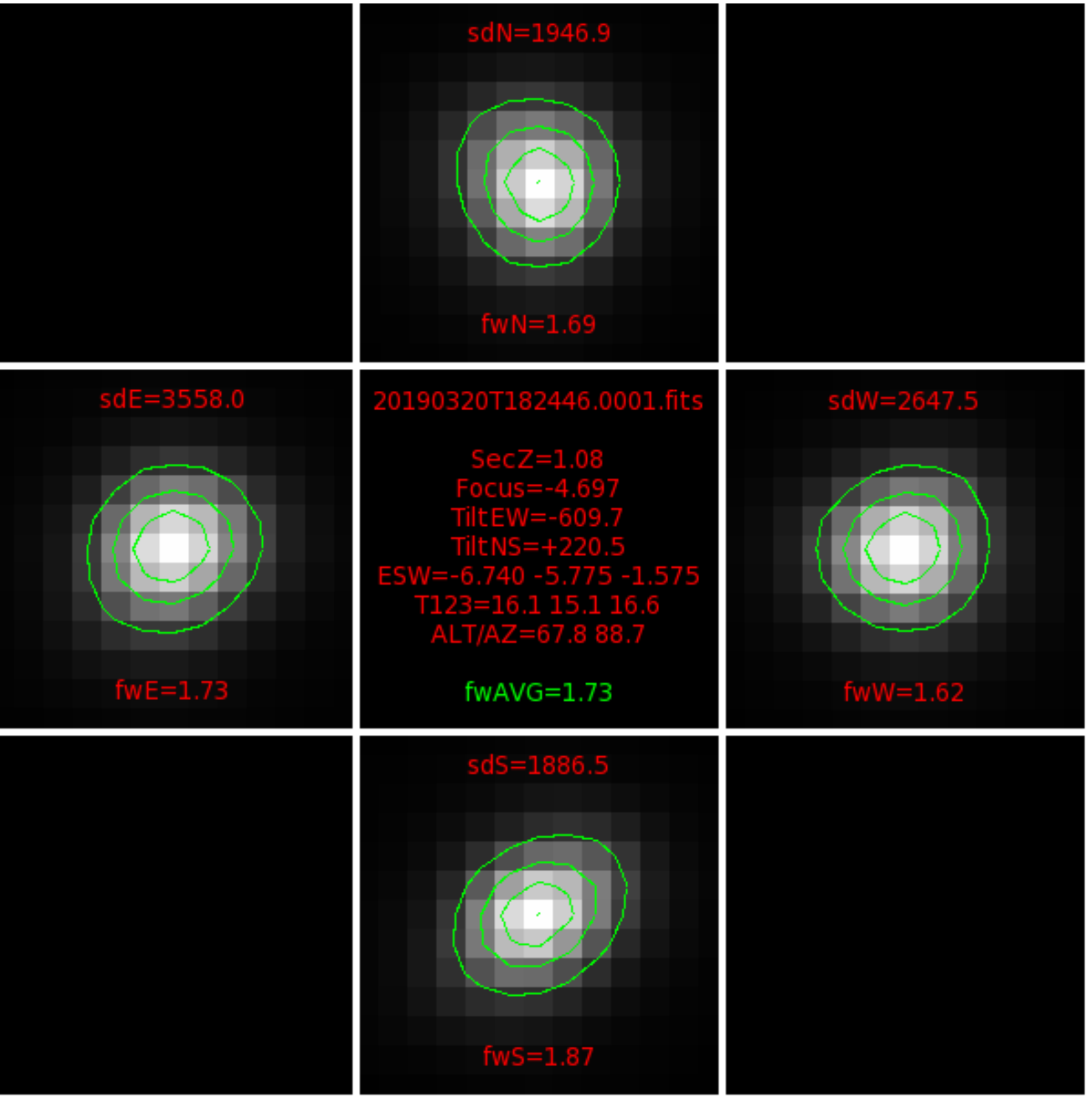
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fwN=1.69
sdE=3558.0
fwE=1.73
20190320T182446.0001.fits
SecZ=1.08
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.1 15.1 16.6
ALT/AZ=67.8 88.7
fwAVG=1.73
sdW=2647.5
fwW=1.62
sdS=1886.5
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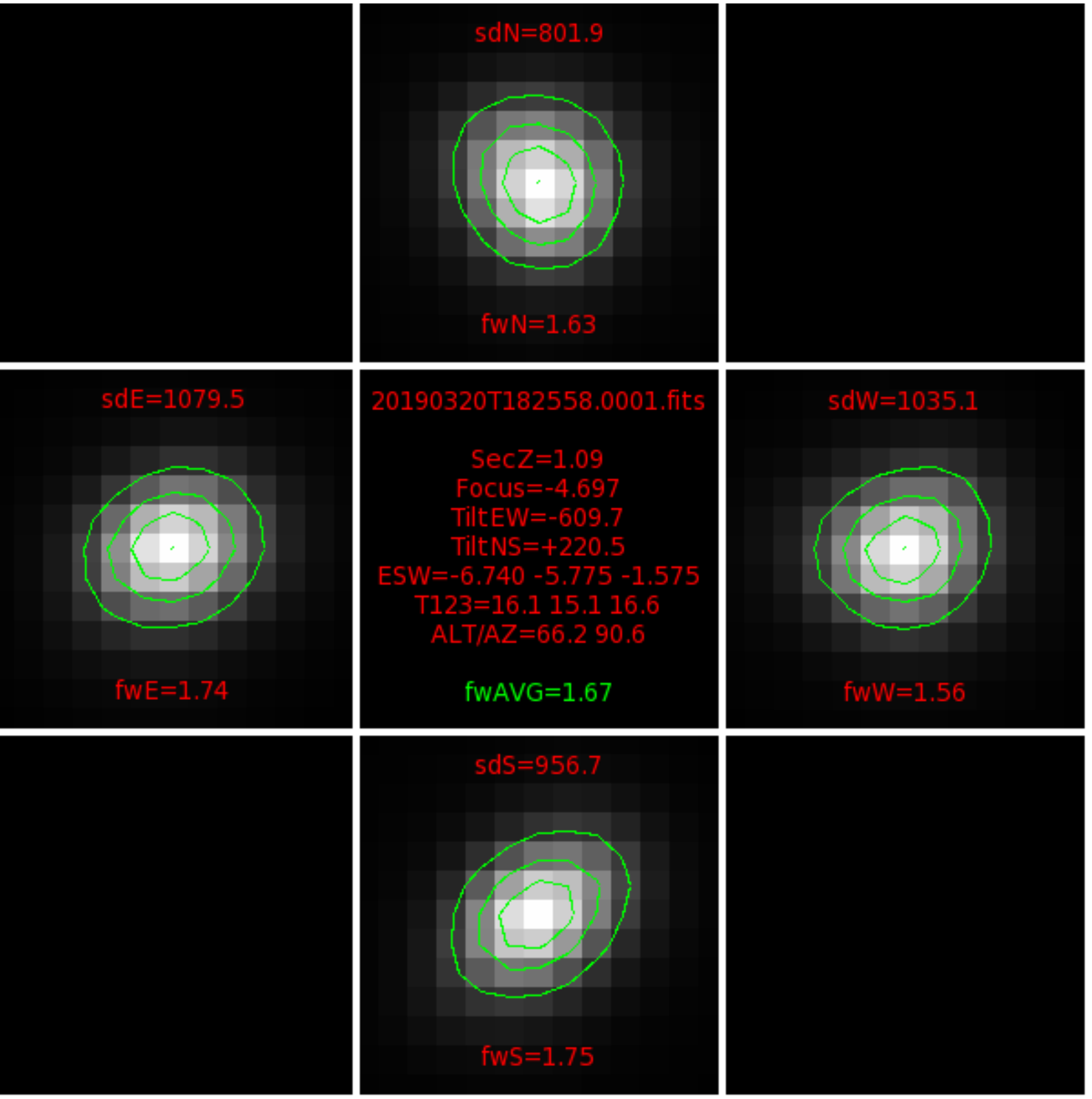
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sdE=1079.5
fwE=1.74
20190320T182558.0001.fits
SecZ=1.09
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.1 15.1 16.6
ALT/AZ=66.2 90.6
fwAVG=1.67
sdW=1035.1
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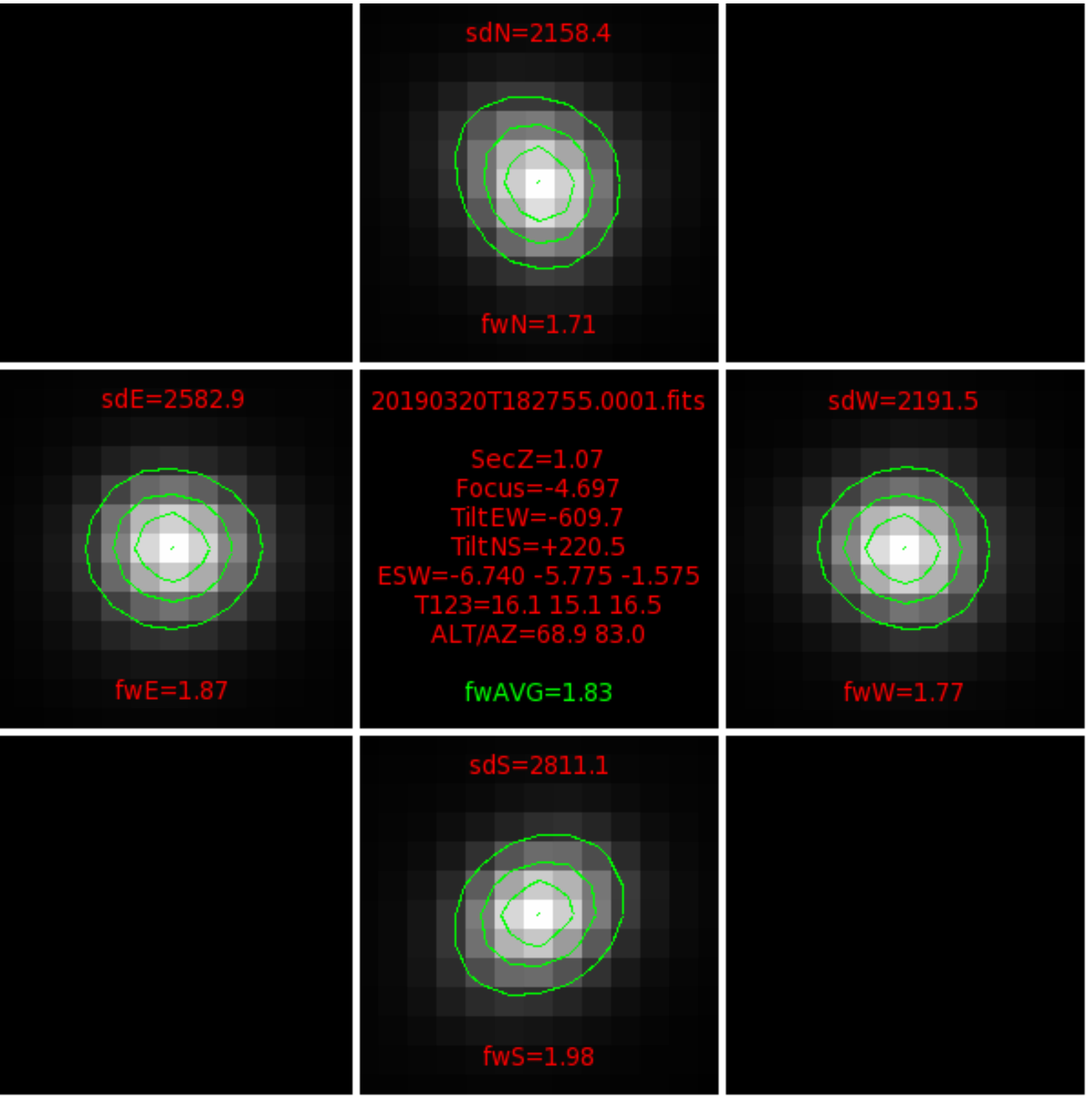
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sdE=2582.9
fwE=1.87
20190320T182755.0001.fits
SecZ=1.07
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.1 15.1 16.5
ALT/AZ=68.9 83.0
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sdW=2191.5
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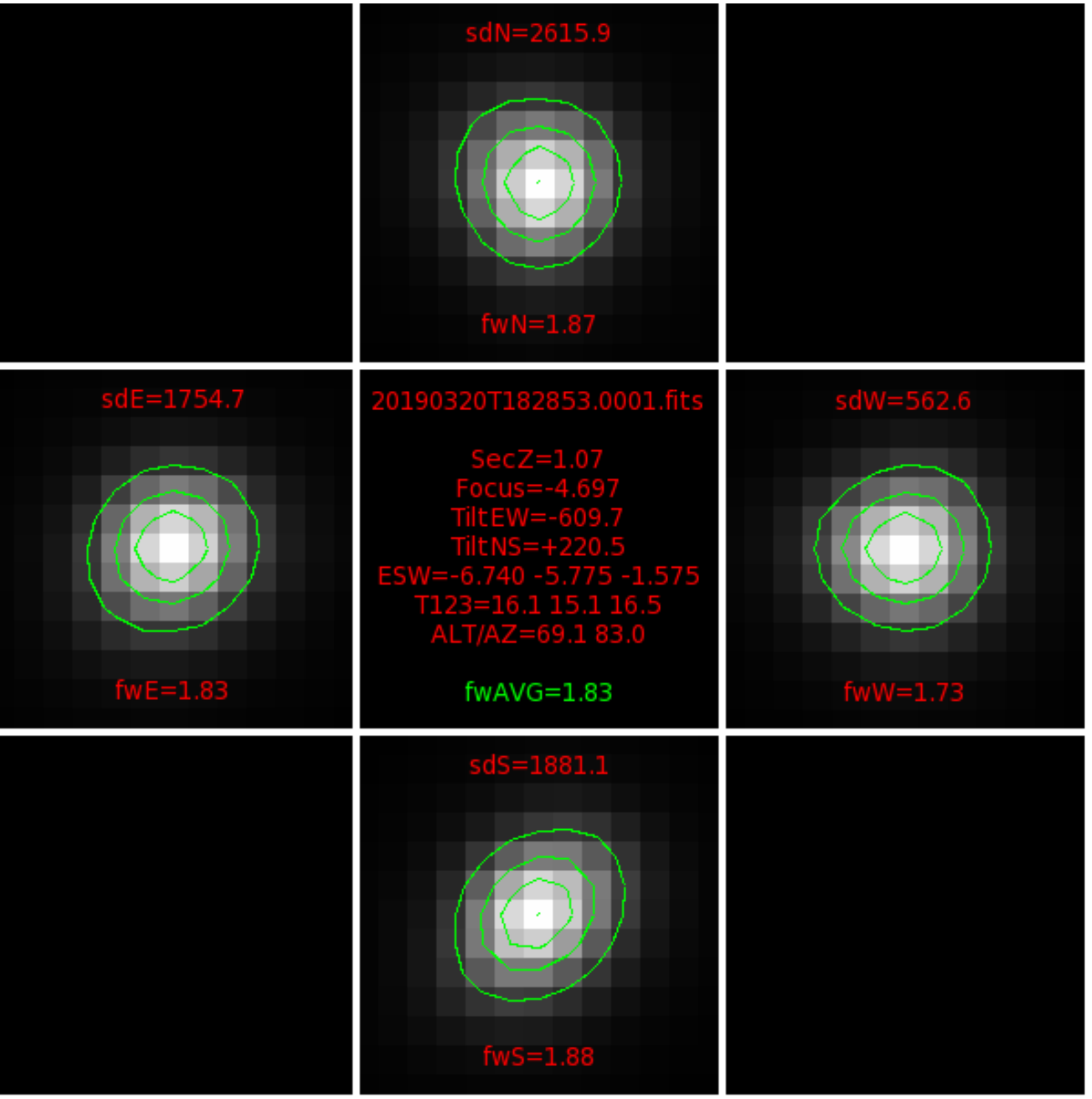
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SecZ=1.07
Focus=-4.697
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.740 -5.775 -1.575
T123=16.1 15.1 16.5
ALT/AZ=69.1 83.0
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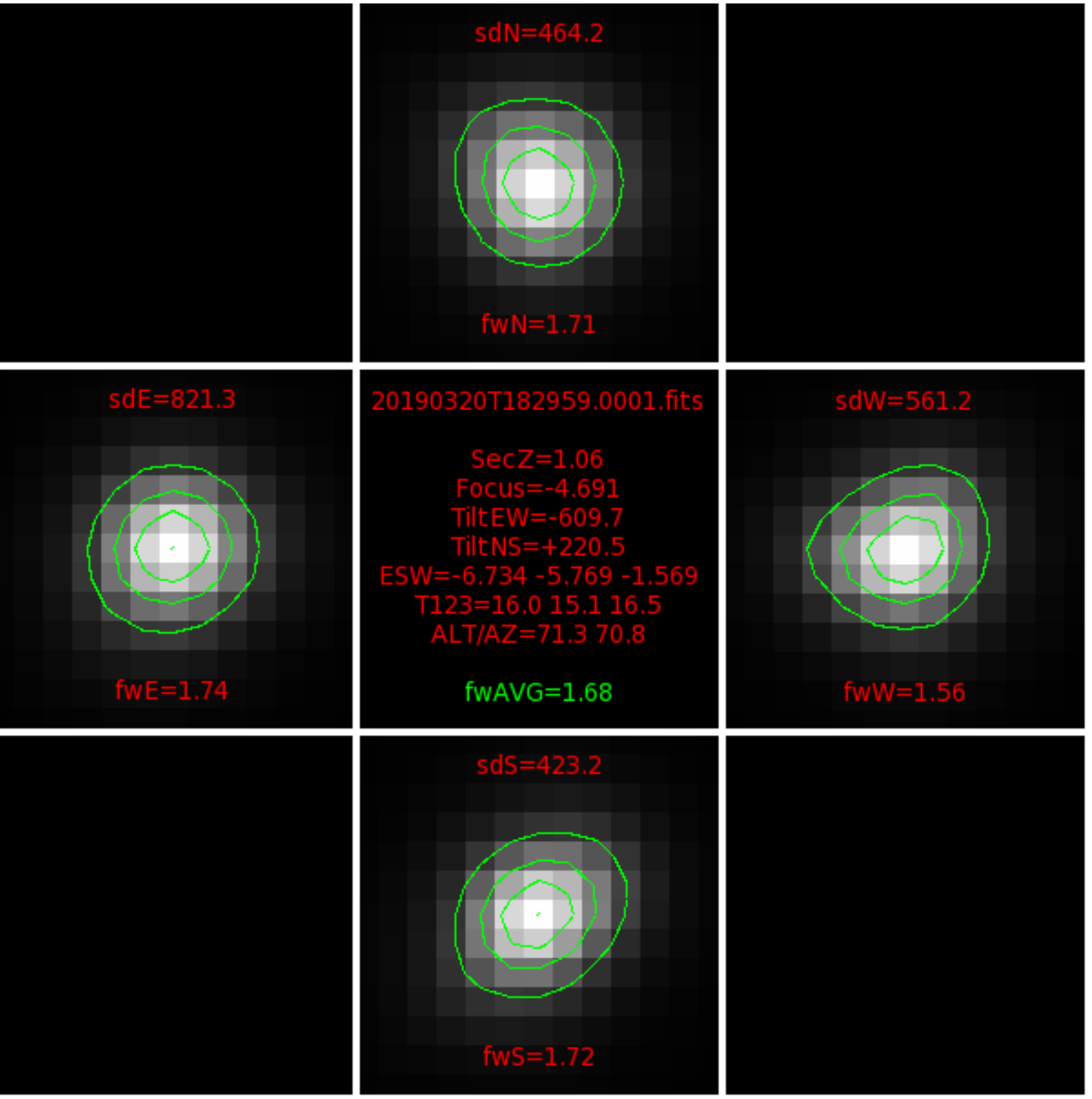
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ESW=-6.734 -5.769 -1.569
T123=16.0 15.1 16.5
ALT/AZ=71.3 70.8
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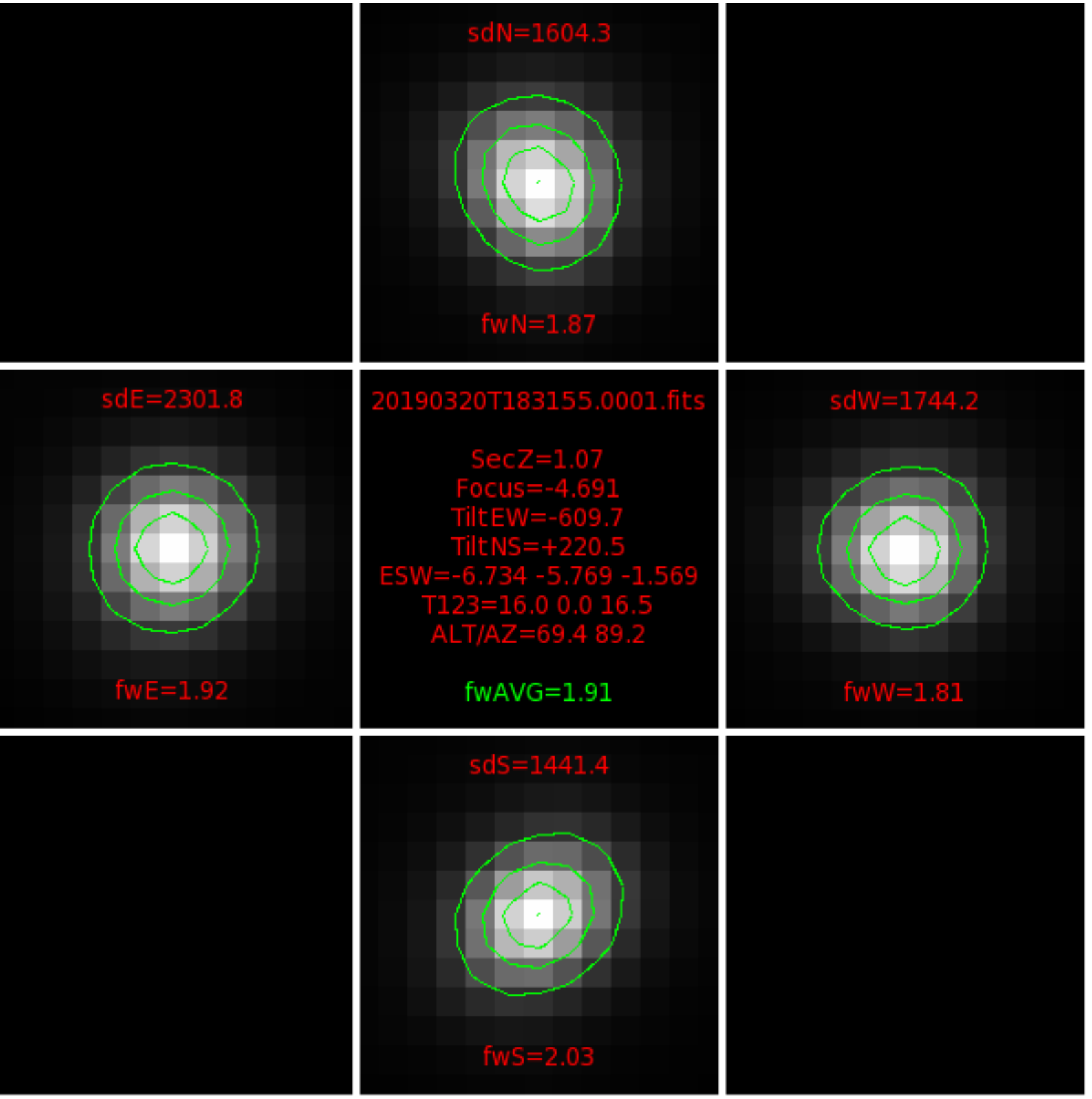
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SecZ=1.07
Focus=-4.691
TiltEW=-609.7
TiltNS=+220.5
ESW=-6.734 -5.769 -1.569
T123=16.0 0.0 16.5
ALT/AZ=69.4 89.2
fwAVG=1.91
sdW=1744.2
fwW=1.81
sdS=1441.4
fwS=2.03
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