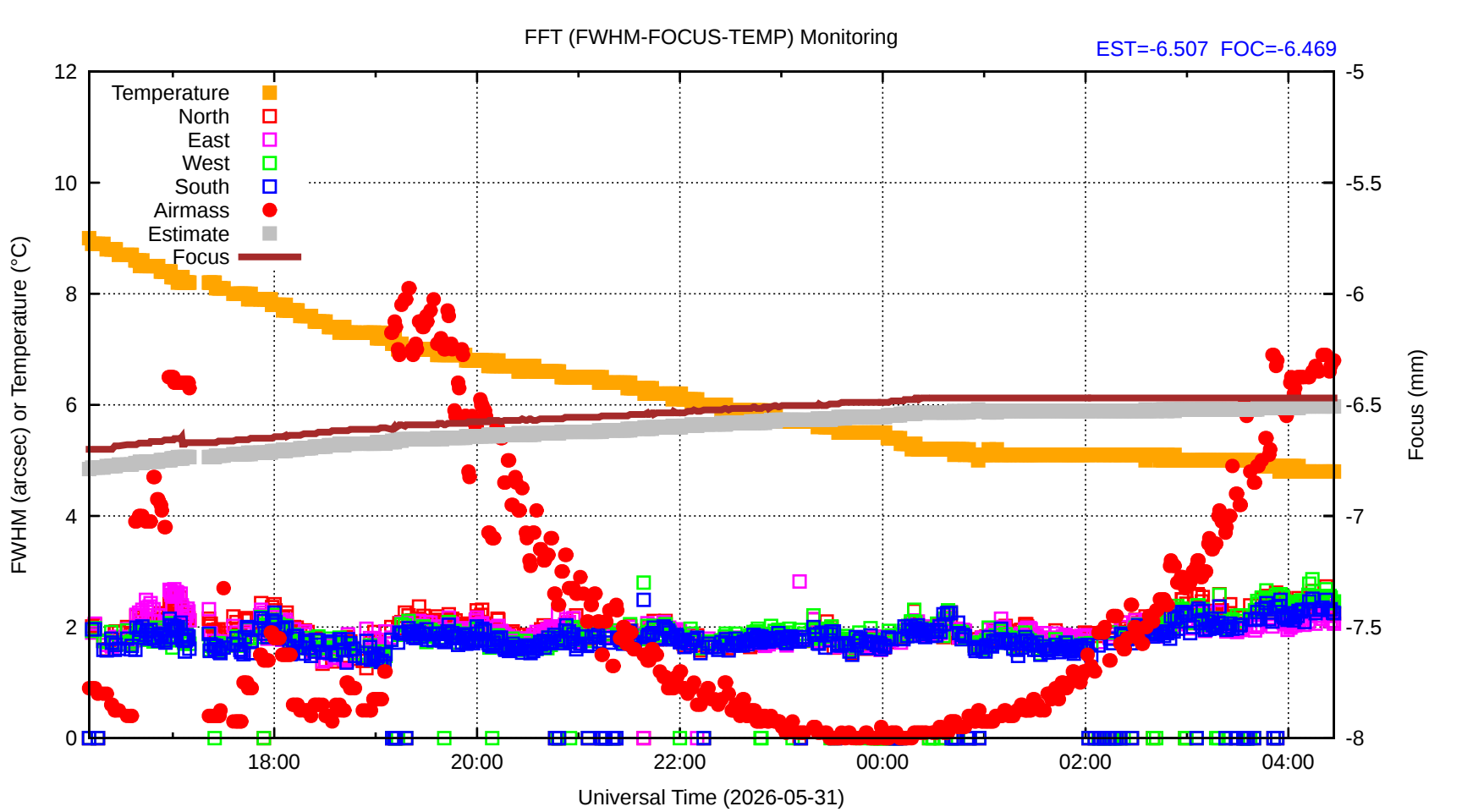
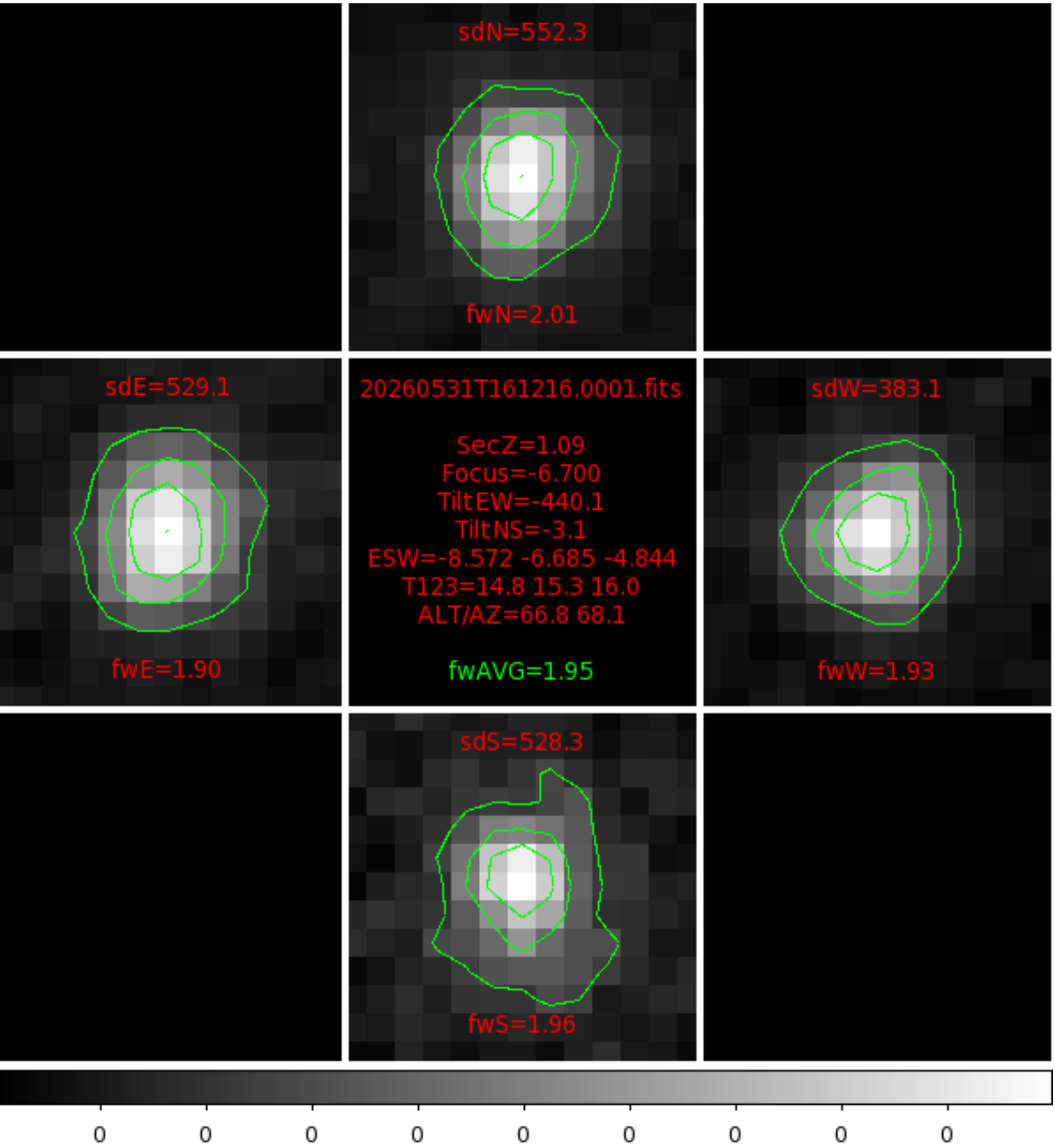

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-6.507 FOC=-6.469
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2026-05-31)
12
10
8
6
4
2
0
-5
-5.5
-6
-6.5
-7
-7.5
-8
18:00
20:00
22:00
00:00
02:00
04:00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20260531T161216.0001.fits
SecZ=1.09
Focus=-6.700
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.572 -6.685 -4.844
T123=14.8 15.3 16.0
ALT/AZ=66.8 68.1
fwAVG=1.95
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fwW=1.93
sdS=528.3
fwS=1.96
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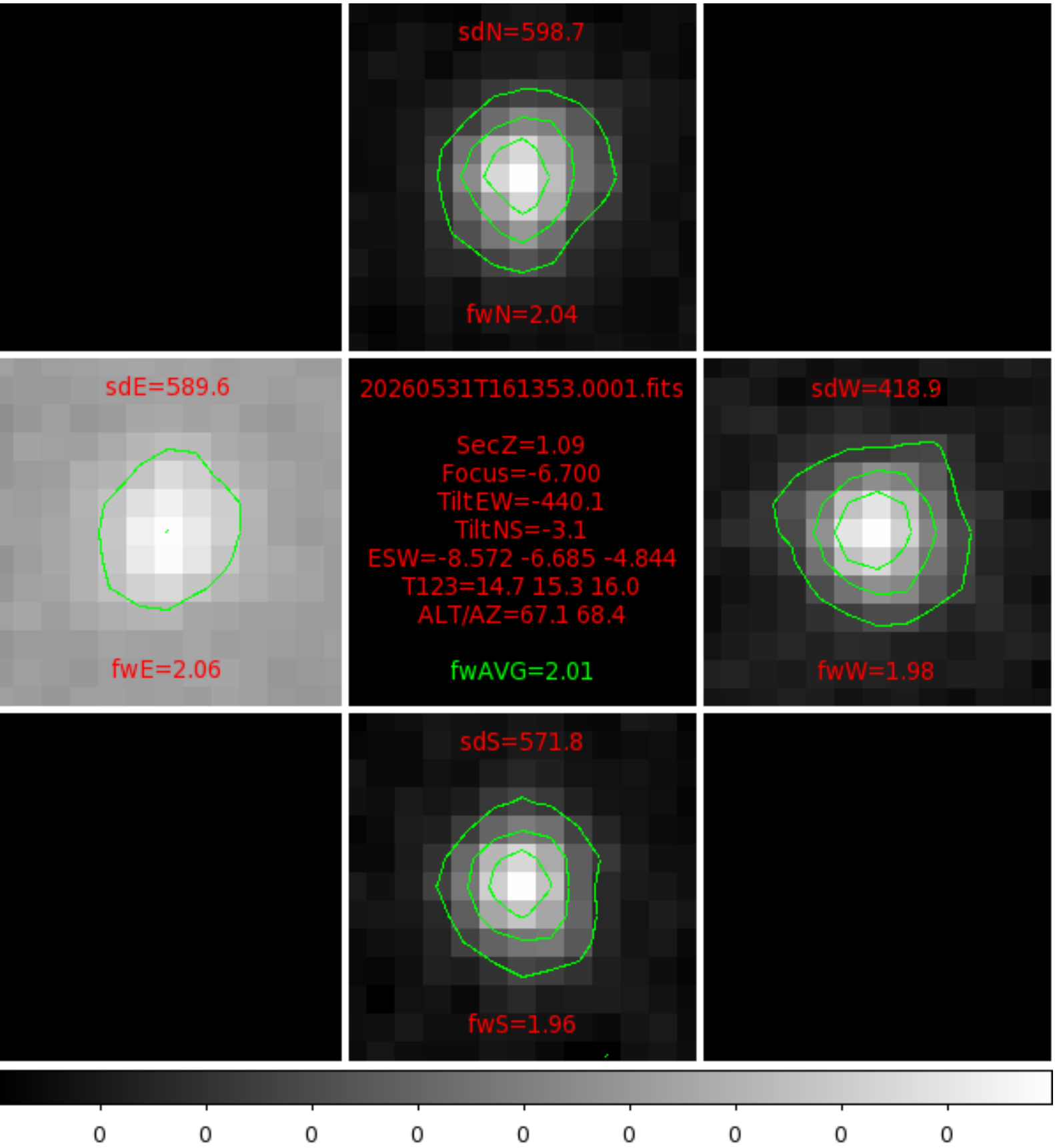
sdN=598.7
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sdE=589.6
fwE=2.06
20260531T161353.0001.fits
SecZ=1.09
Focus=-6.700
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.572 -6.685 -4.844
T123=14.7 15.3 16.0
ALT/AZ=67.1 68.4
fwAVG=2.01
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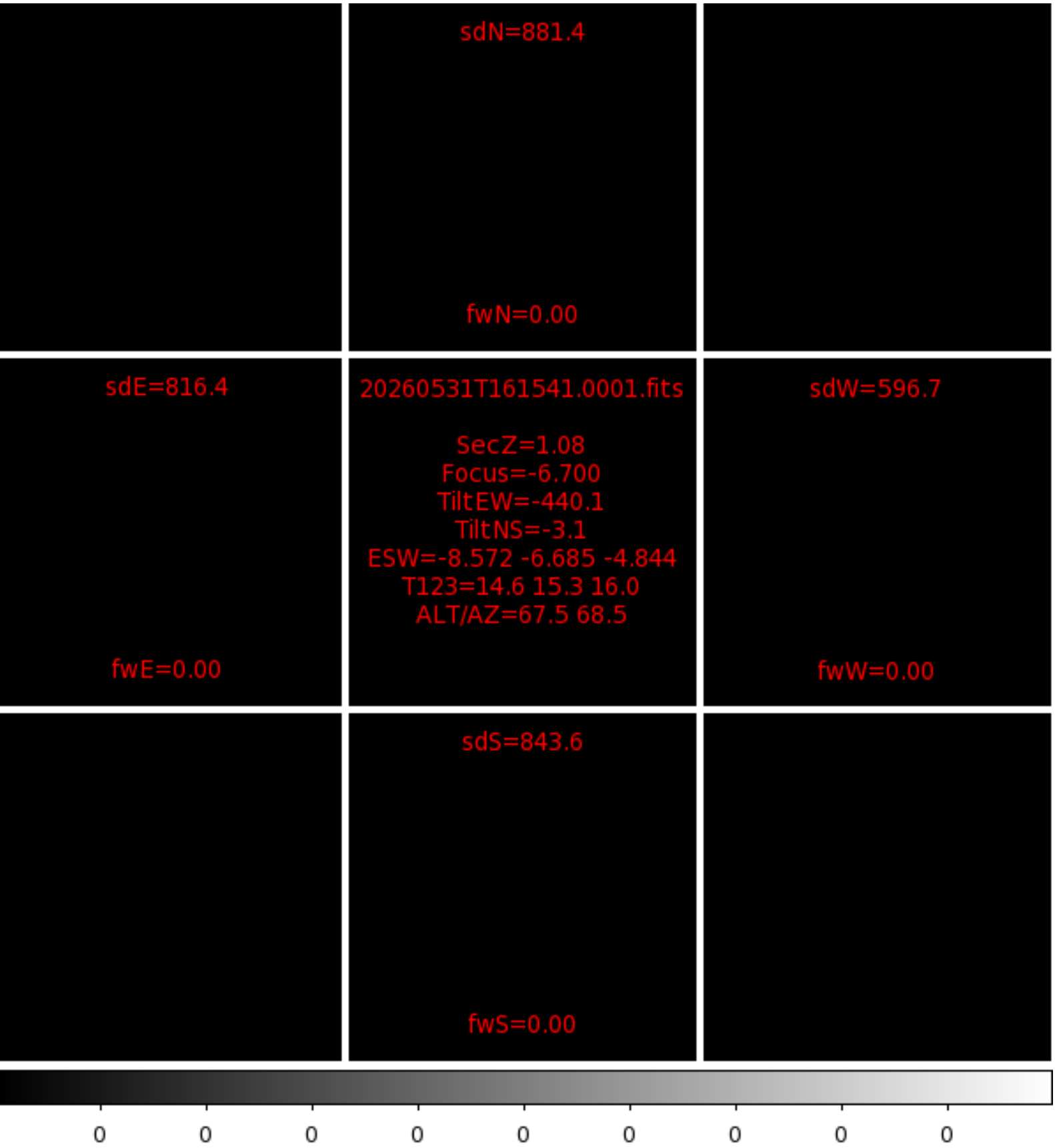
sdN=881.4
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sdE=816.4
fwE=0.00
20260531T161541.0001.fits
SecZ=1.08
Focus=-6.700
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.572 -6.685 -4.844
T123=14.6 15.3 16.0
ALT/AZ=67.5 68.5
sdW=596.7
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sdS=843.6
fwS=0.00
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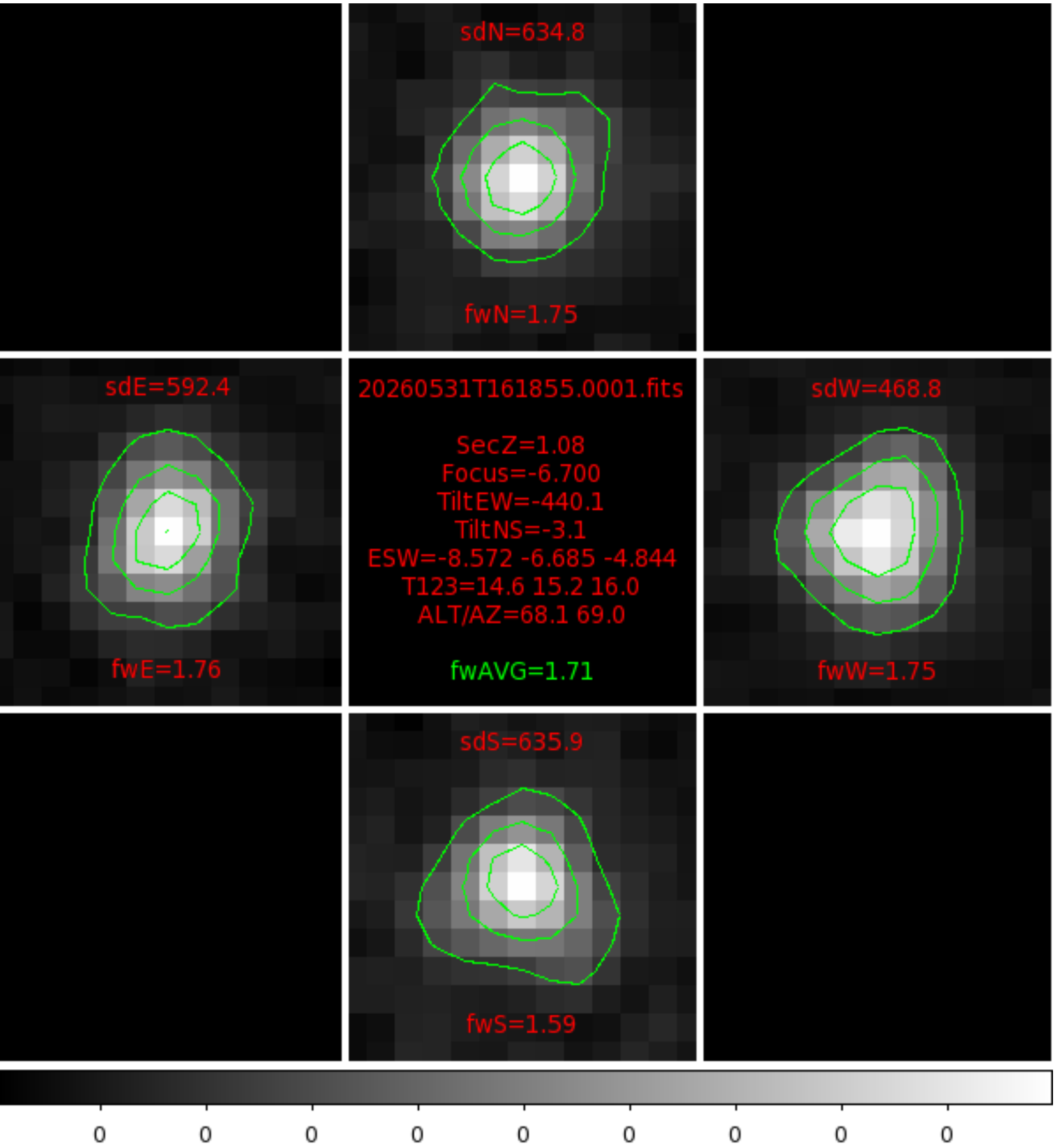
sdN=634.8
fwN=1.75
sdE=592.4
fwE=1.76
20260531T161855.0001.fits
SecZ=1.08
Focus=-6.700
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.572 -6.685 -4.844
T123=14.6 15.2 16.0
ALT/AZ=68.1 69.0
fwAVG=1.71
sdW=468.8
fwW=1.75
sdS=635.9
fwS=1.59
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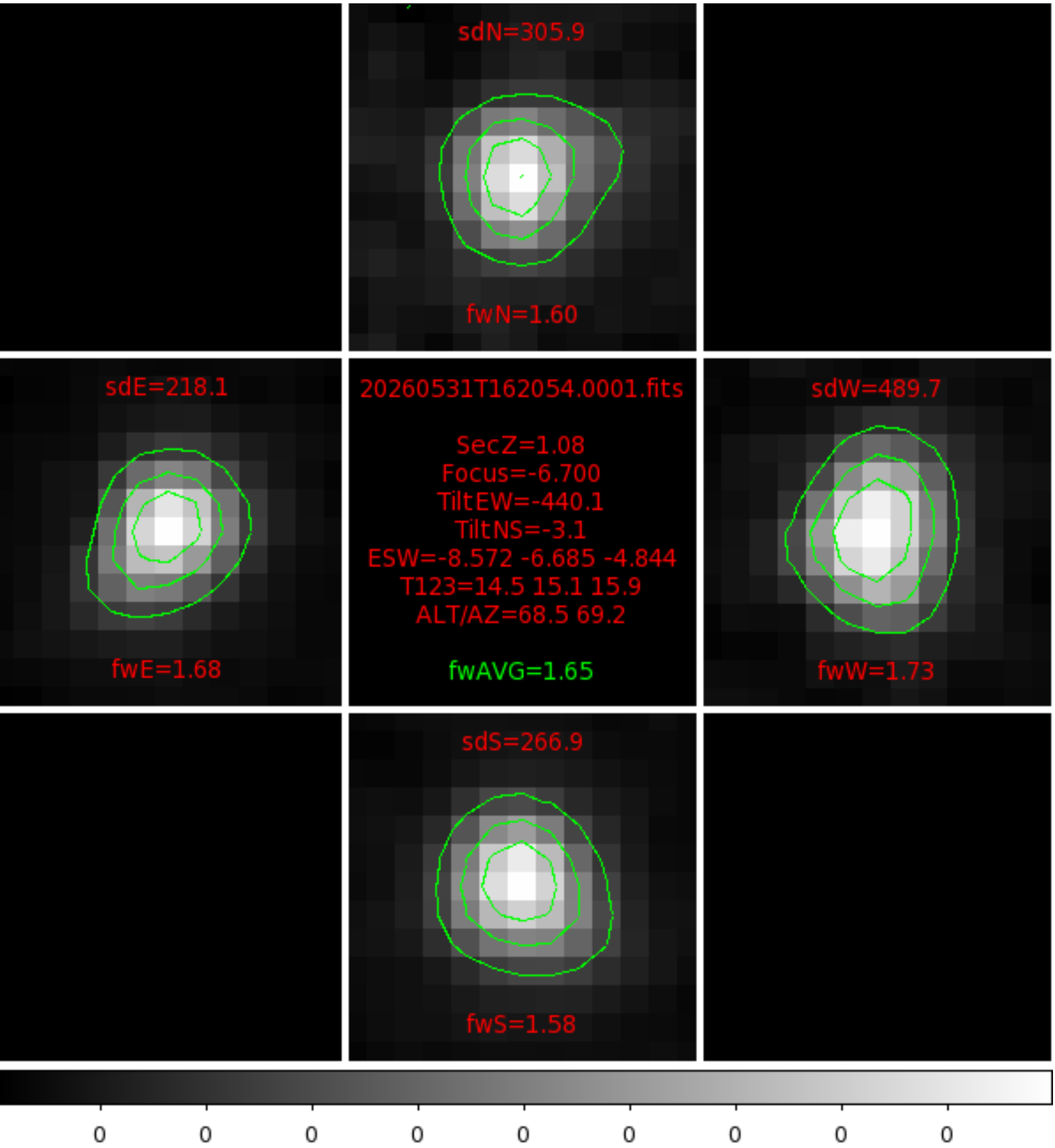
sdN=305.9
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sdE=218.1
fwE=1.68
20260531T162054.0001.fits
SecZ=1.08
Focus=-6.700
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.572 -6.685 -4.844
T123=14.5 15.1 15.9
ALT/AZ=68.5 69.2
fwAVG=1.65
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sdS=266.9
fwS=1.58
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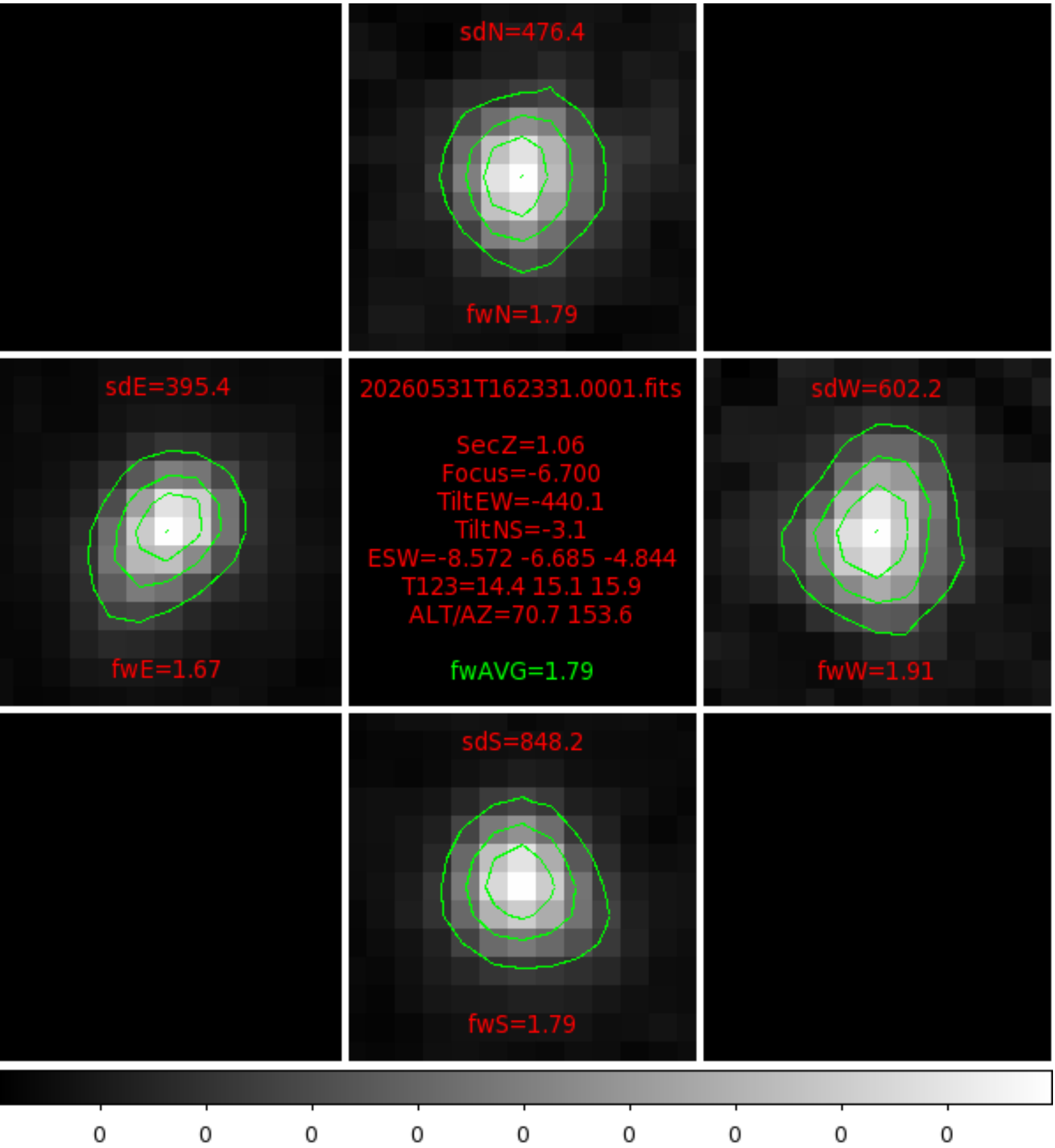
sdN=476.4
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sdE=395.4
fwE=1.67
20260531T162331.0001.fits
SecZ=1.06
Focus=-6.700
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.572 -6.685 -4.844
T123=14.4 15.1 15.9
ALT/AZ=70.7 153.6
fwAVG=1.79
sdW=602.2
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sdS=848.2
fwS=1.79
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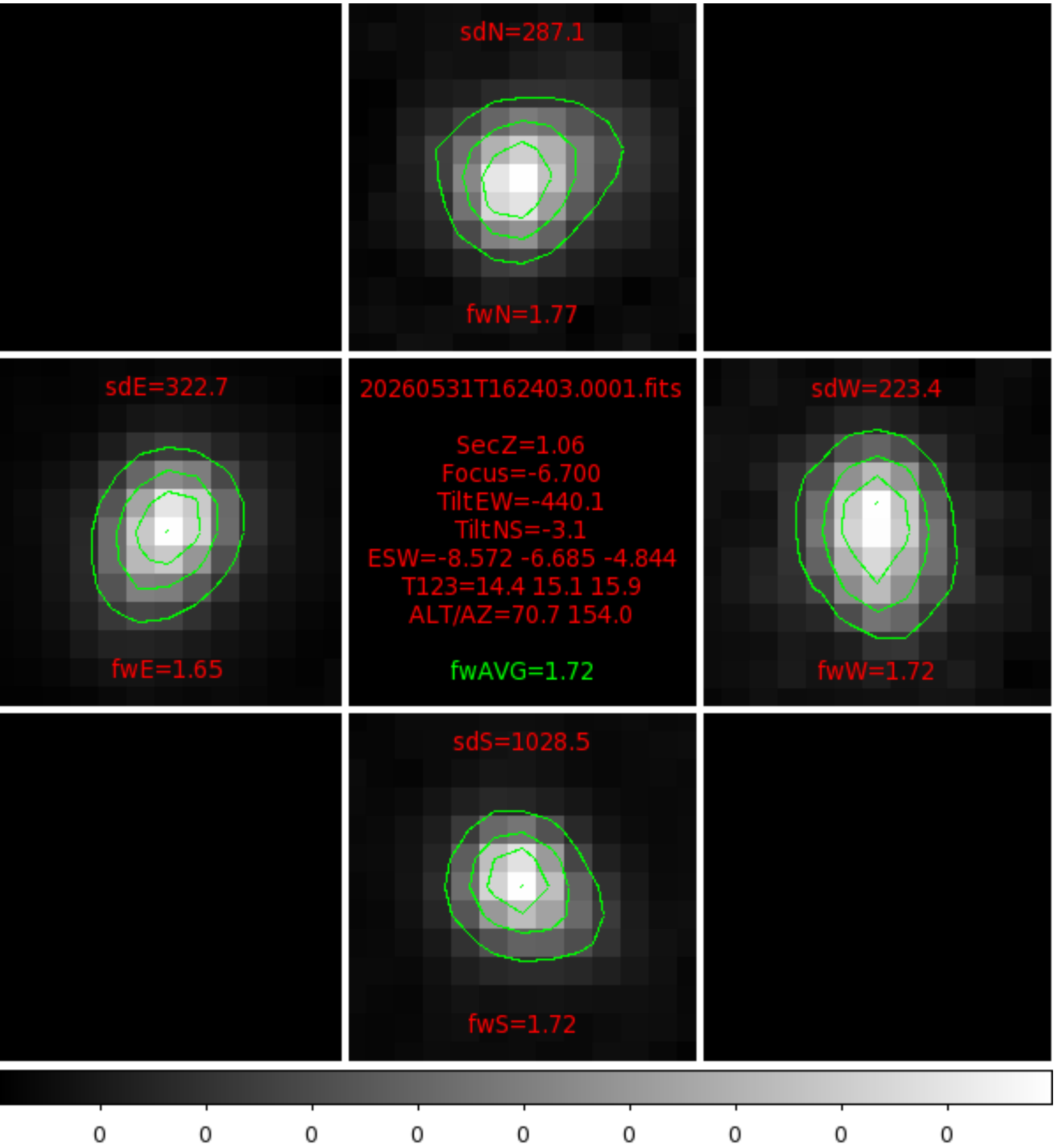
sdN=287.1
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fwE=1.65
20260531T162403.0001.fits
SecZ=1.06
Focus=-6.700
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.572 -6.685 -4.844
T123=14.4 15.1 15.9
ALT/AZ=70.7 154.0
fwAVG=1.72
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sdS=1028.5
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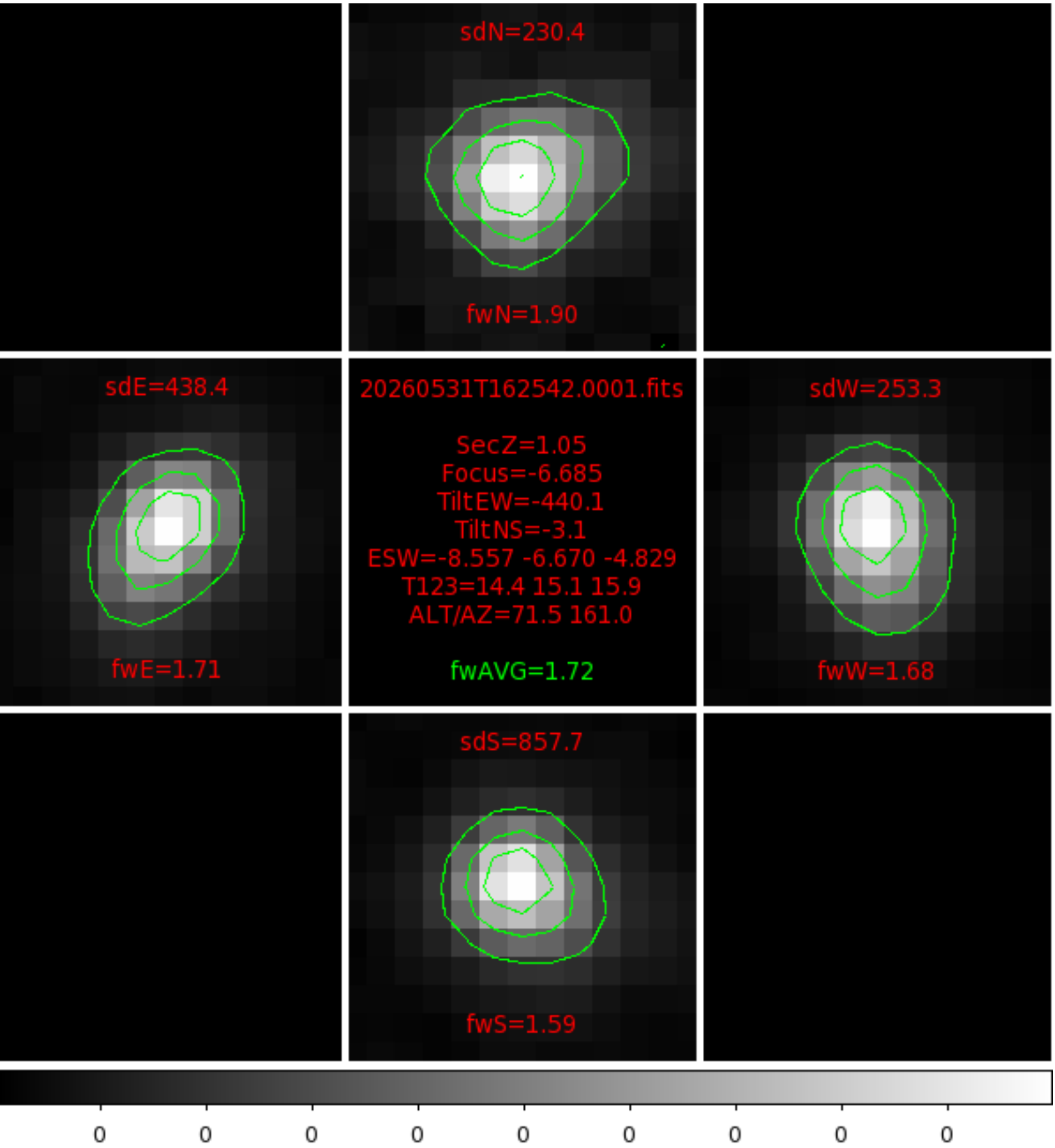
sdN=230.4
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sdE=438.4
fwE=1.71
20260531T162542.0001.fits
SecZ=1.05
Focus=-6.685
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.557 -6.670 -4.829
T123=14.4 15.1 15.9
ALT/AZ=71.5 161.0
fwAVG=1.72
sdW=253.3
fwW=1.68
sdS=857.7
fwS=1.59
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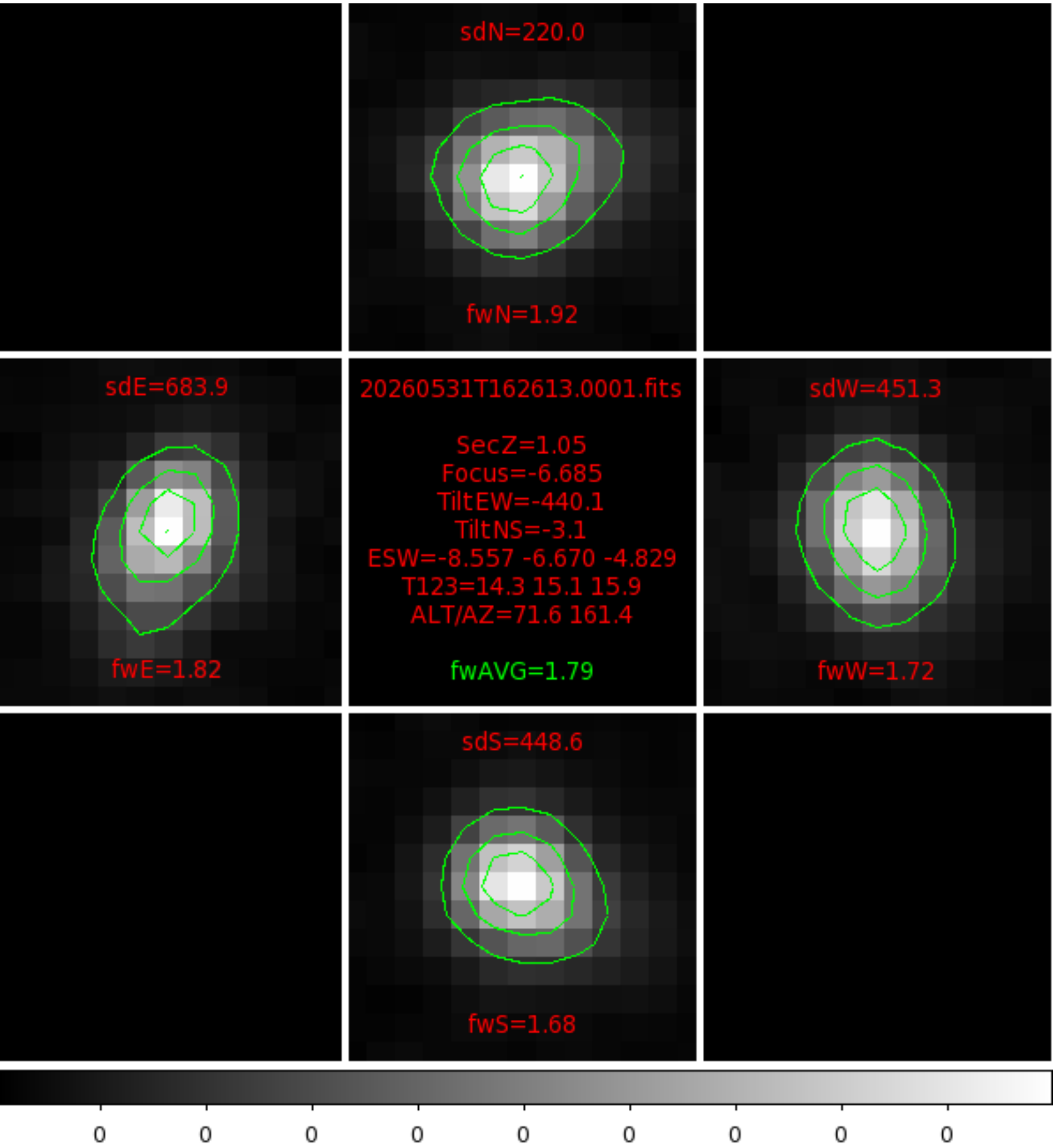
sdN=220.0
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fwE=1.82
20260531T162613.0001.fits
SecZ=1.05
Focus=-6.685
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.557 -6.670 -4.829
T123=14.3 15.1 15.9
ALT/AZ=71.6 161.4
fwAVG=1.79
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fwW=1.72
sdS=448.6
fwS=1.68
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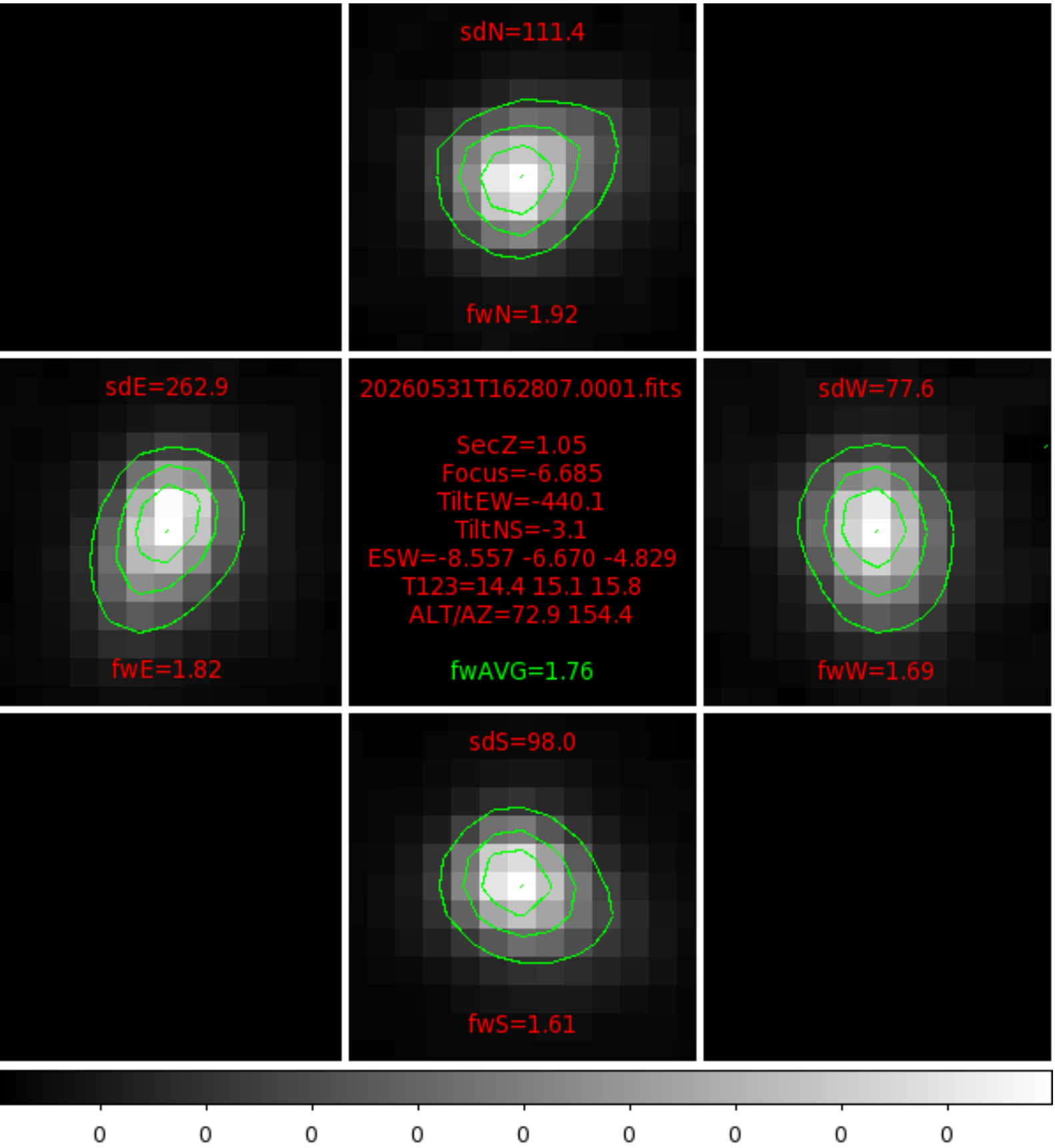
sdN=111.4
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sdE=262.9
fwE=1.82
20260531T162807.0001.fits
SecZ=1.05
Focus=-6.685
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.557 -6.670 -4.829
T123=14.4 15.1 15.8
ALT/AZ=72.9 154.4
fwAVG=1.76
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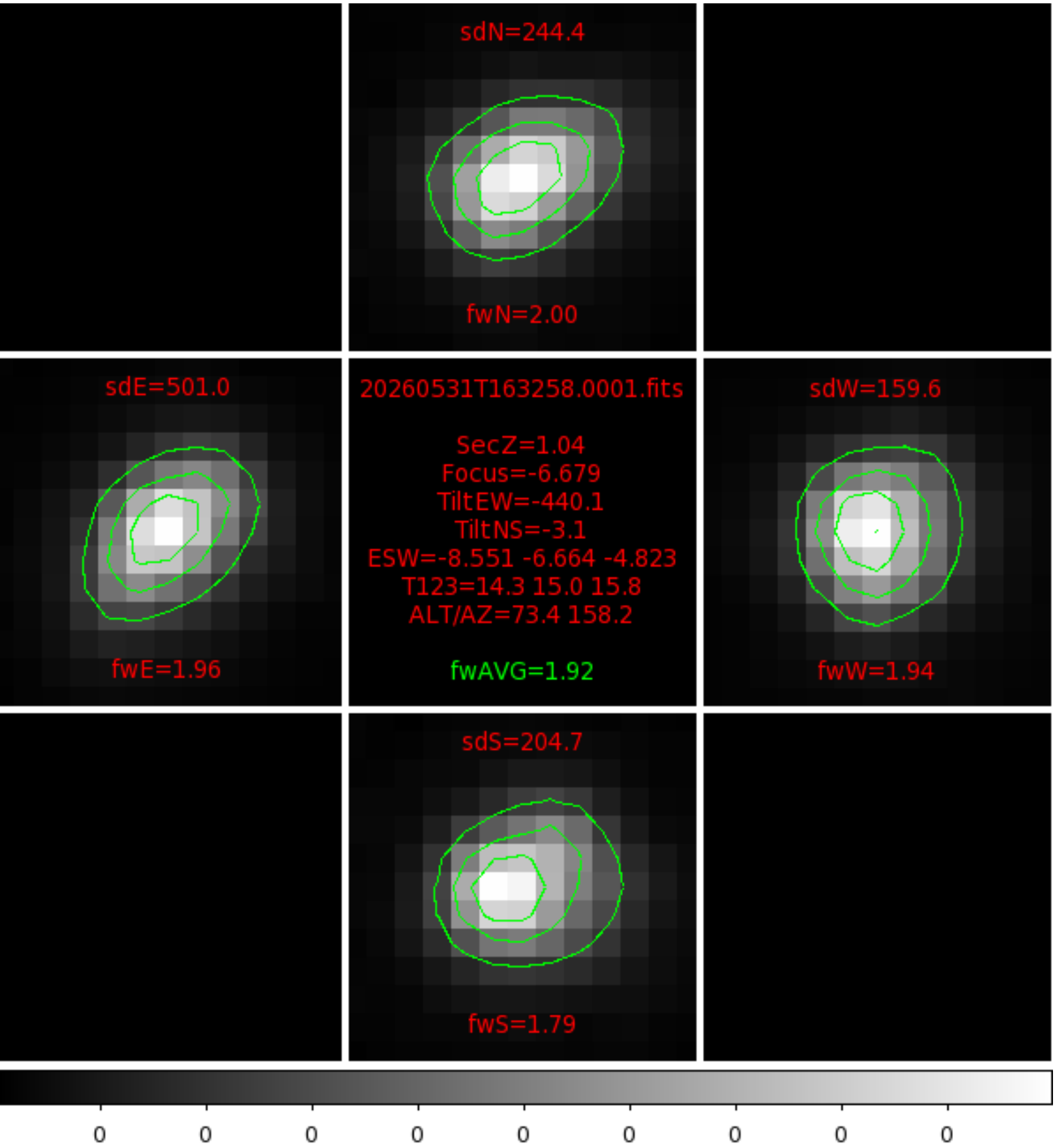
sdN=244.4
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sdE=501.0
fwE=1.96
20260531T163258.0001.fits
SecZ=1.04
Focus=-6.679
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.551 -6.664 -4.823
T123=14.3 15.0 15.8
ALT/AZ=73.4 158.2
fwAVG=1.92
sdW=159.6
fwW=1.94
sdS=204.7
fwS=1.79
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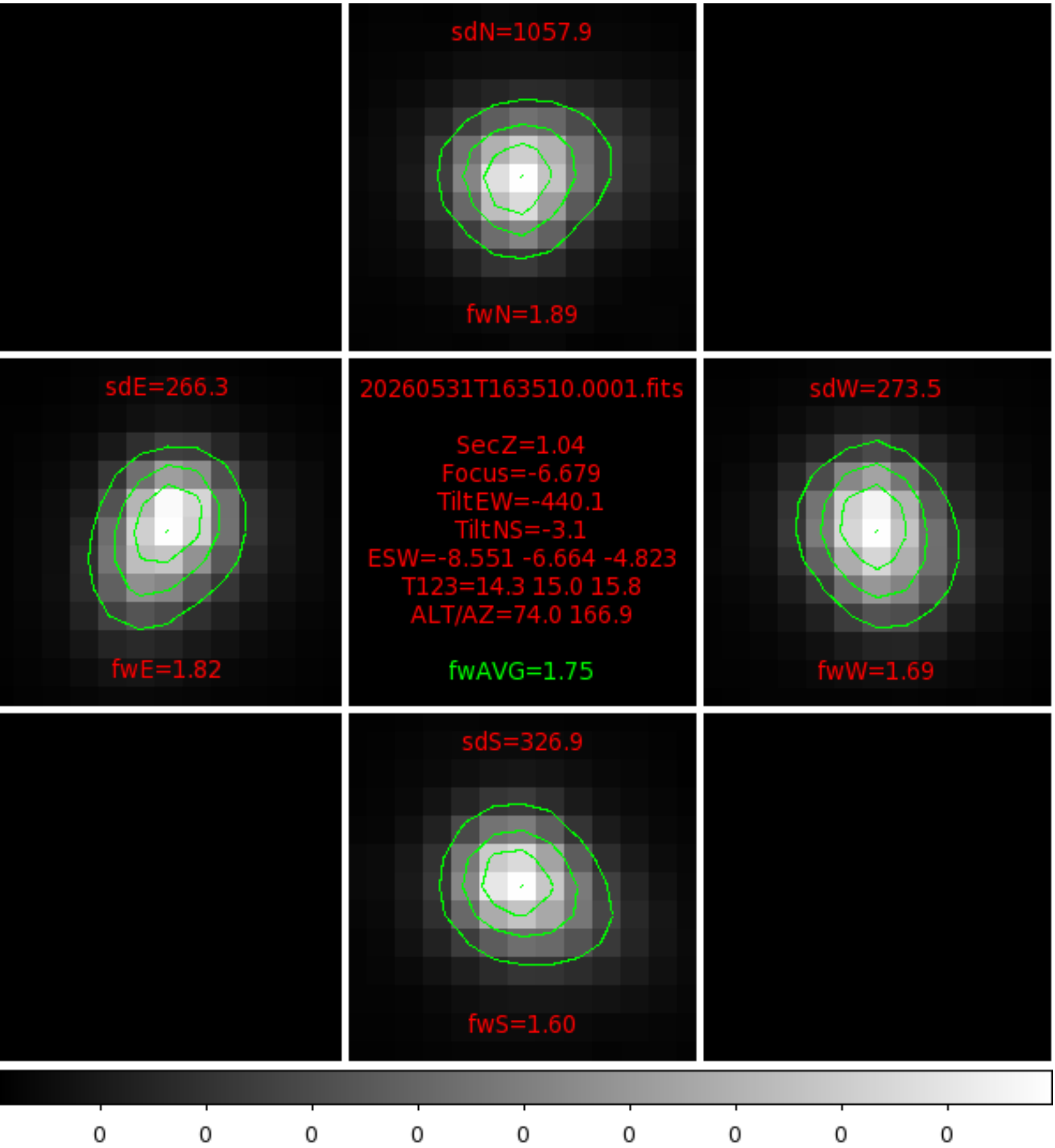
sdN=1057.9
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sdE=266.3
fwE=1.82
20260531T163510.0001.fits
SecZ=1.04
Focus=-6.679
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.551 -6.664 -4.823
T123=14.3 15.0 15.8
ALT/AZ=74.0 166.9
fwAVG=1.75
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fwW=1.69
sdS=326.9
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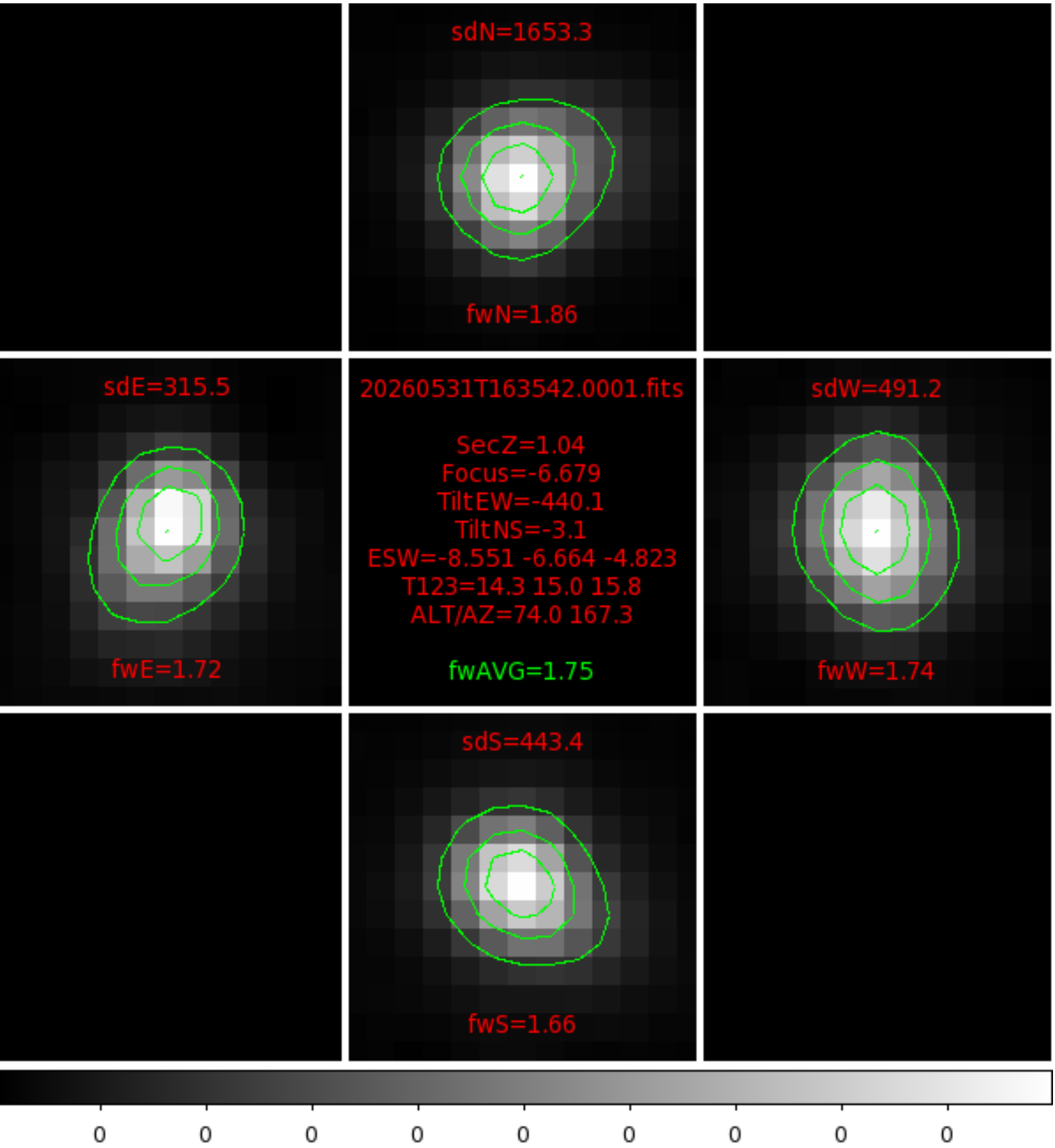
sdN=1653.3
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sdE=315.5
fwE=1.72
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SecZ=1.04
Focus=-6.679
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.551 -6.664 -4.823
T123=14.3 15.0 15.8
ALT/AZ=74.0 167.3
fwAVG=1.75
sdW=491.2
fwW=1.74
sdS=443.4
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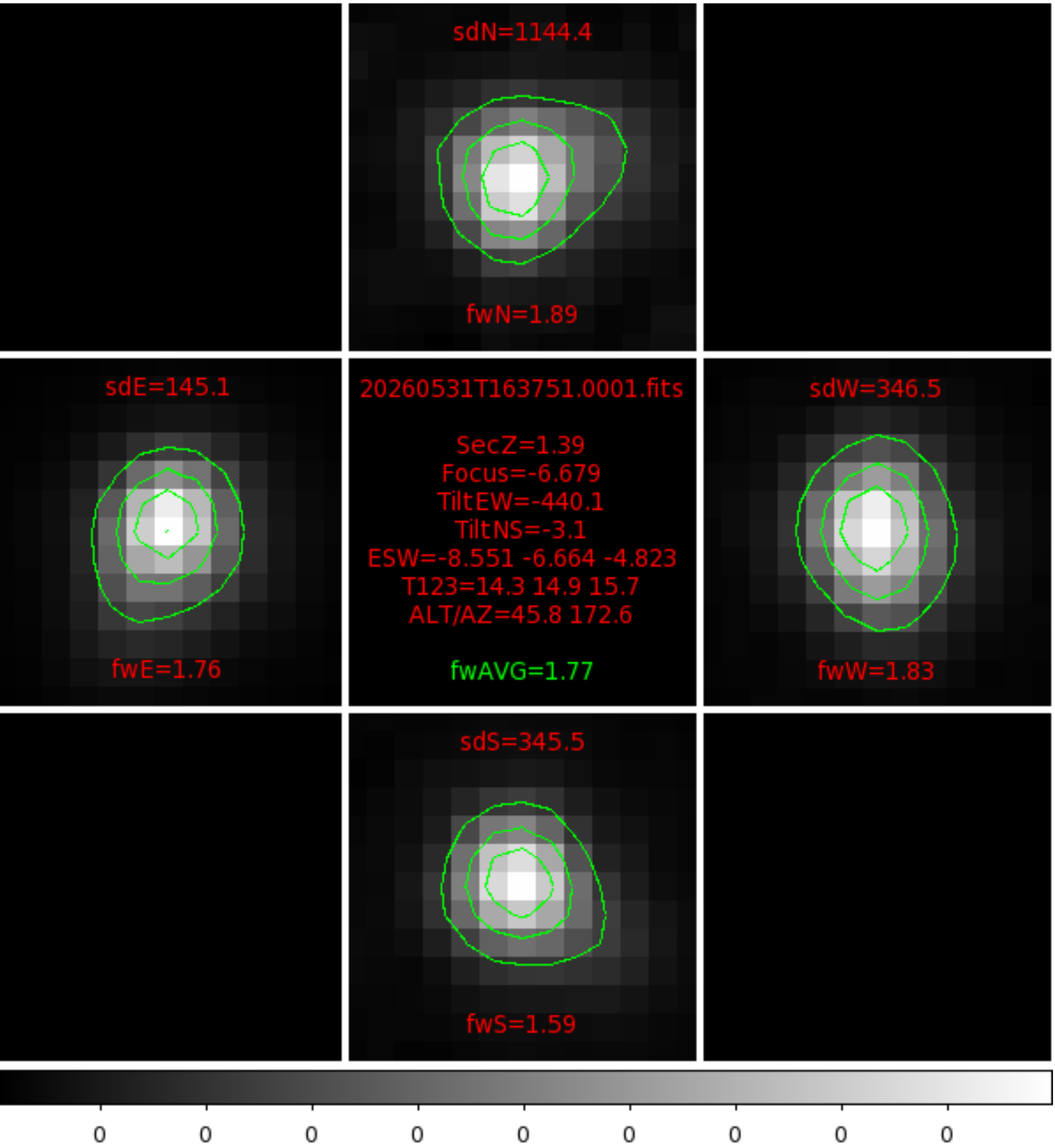
sdN=1144.4
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sdE=145.1
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20260531T163751.0001.fits
SecZ=1.39
Focus=-6.679
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.551 -6.664 -4.823
T123=14.3 14.9 15.7
ALT/AZ=45.8 172.6
fwAVG=1.77
sdW=346.5
fwW=1.83
sdS=345.5
fwS=1.59
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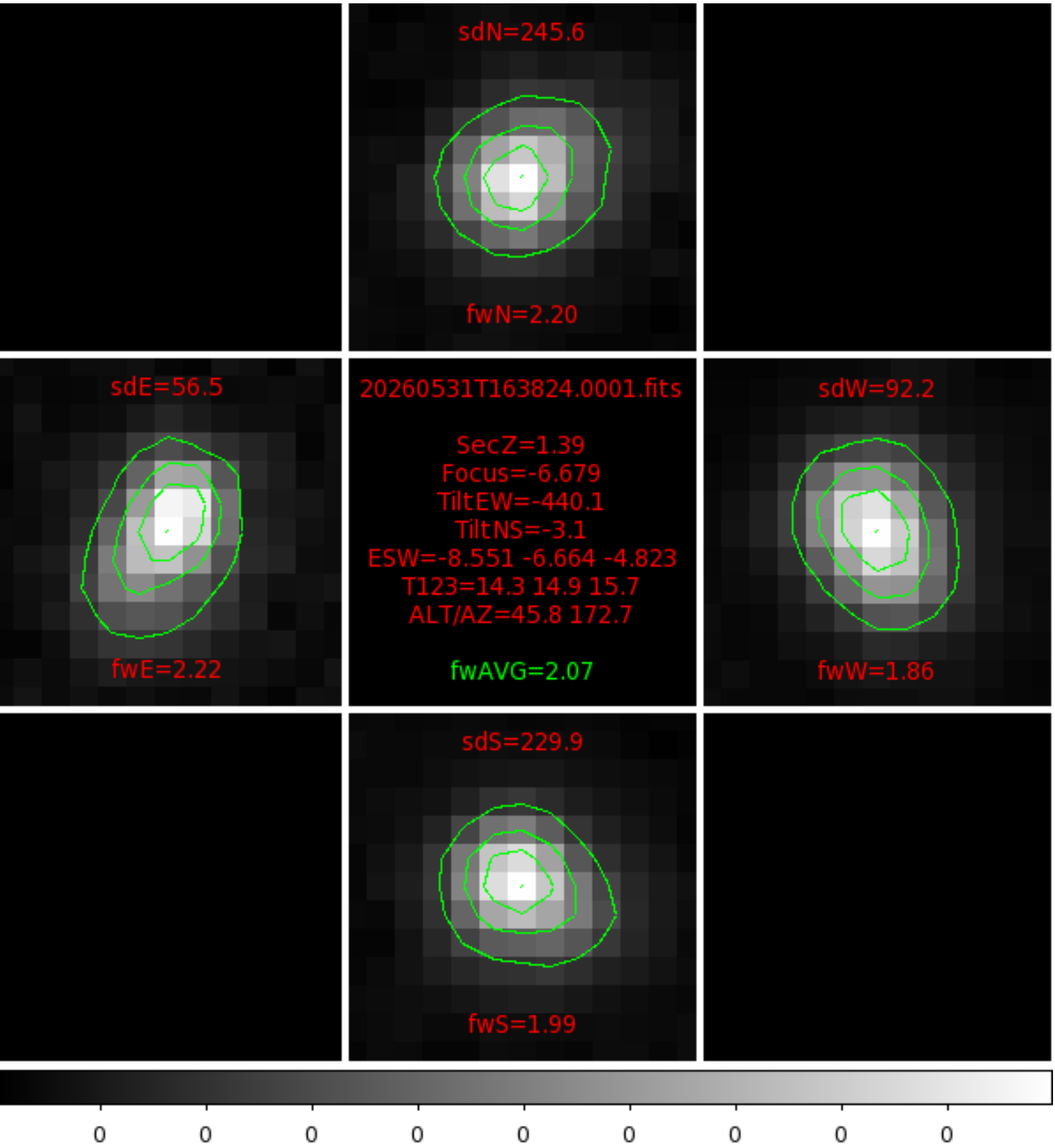
sdN=245.6
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sdE=56.5
fwE=2.22
20260531T163824.0001.fits
SecZ=1.39
Focus=-6.679
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.551 -6.664 -4.823
T123=14.3 14.9 15.7
ALT/AZ=45.8 172.7
fwAVG=2.07
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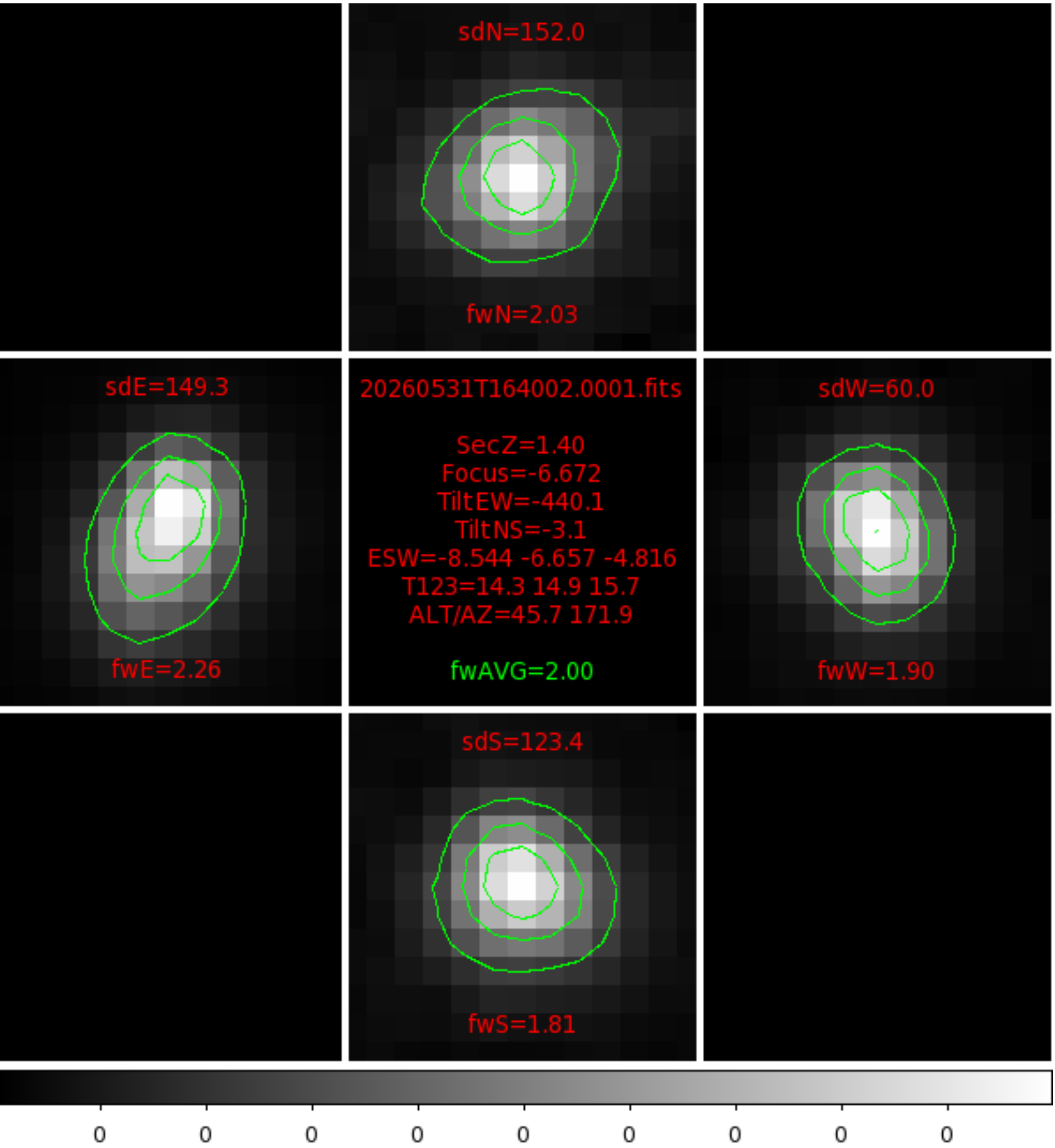
sdN=152.0
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sdE=149.3
fwE=2.26
20260531T164002.0001.fits
SecZ=1.40
Focus=-6.672
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.544 -6.657 -4.816
T123=14.3 14.9 15.7
ALT/AZ=45.7 171.9
fwAVG=2.00
sdW=60.0
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sdS=123.4
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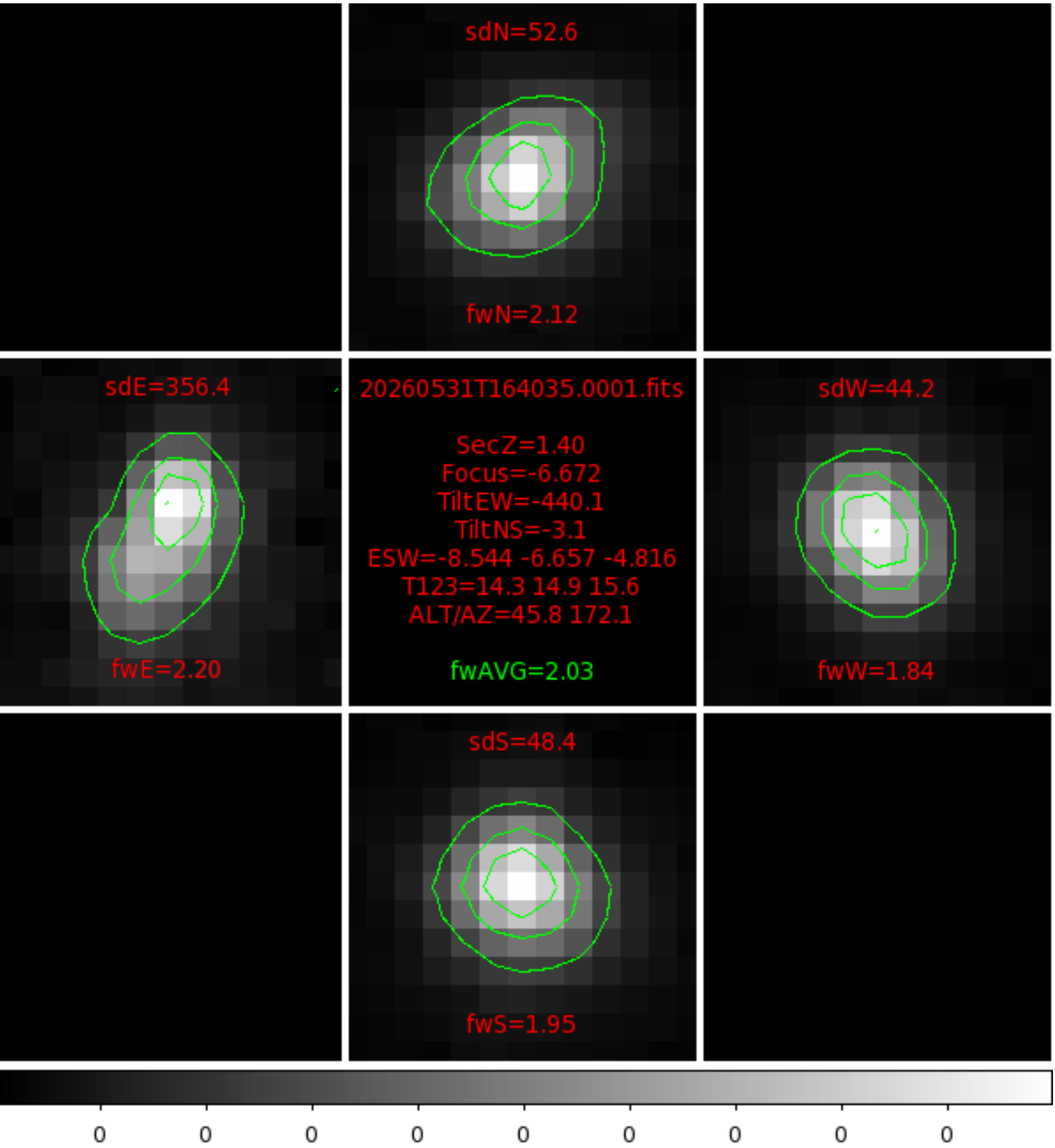
sdN=52.6
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sdE=356.4
fwE=2.20
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SecZ=1.40
Focus=-6.672
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.544 -6.657 -4.816
T123=14.3 14.9 15.6
ALT/AZ=45.8 172.1
fwAVG=2.03
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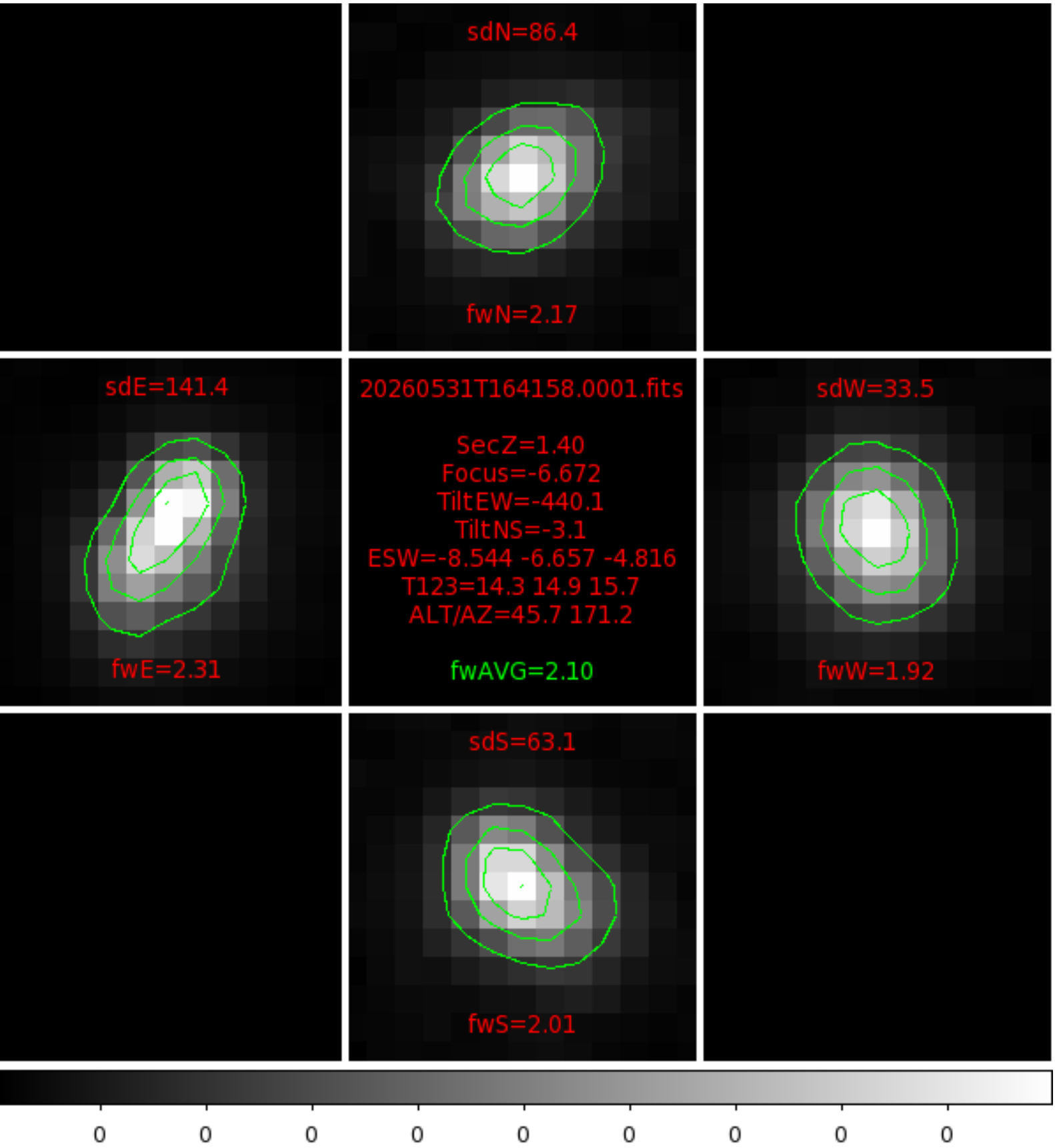
sdN=86.4
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SecZ=1.40
Focus=-6.672
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.544 -6.657 -4.816
T123=14.3 14.9 15.7
ALT/AZ=45.7 171.2
fwAVG=2.10
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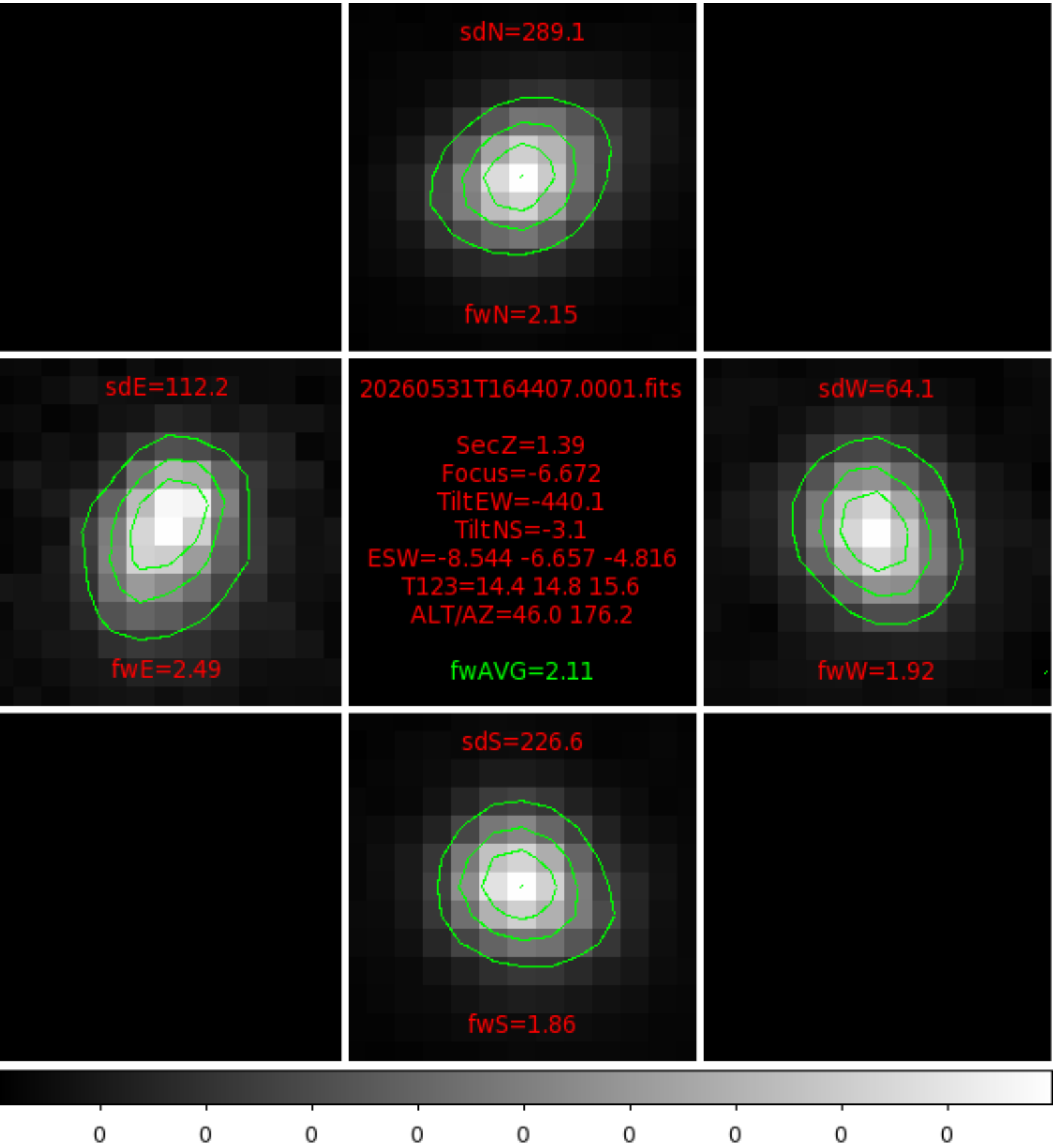
sdN=289.1
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sdE=112.2
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SecZ=1.39
Focus=-6.672
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.544 -6.657 -4.816
T123=14.4 14.8 15.6
ALT/AZ=46.0 176.2
fwAVG=2.11
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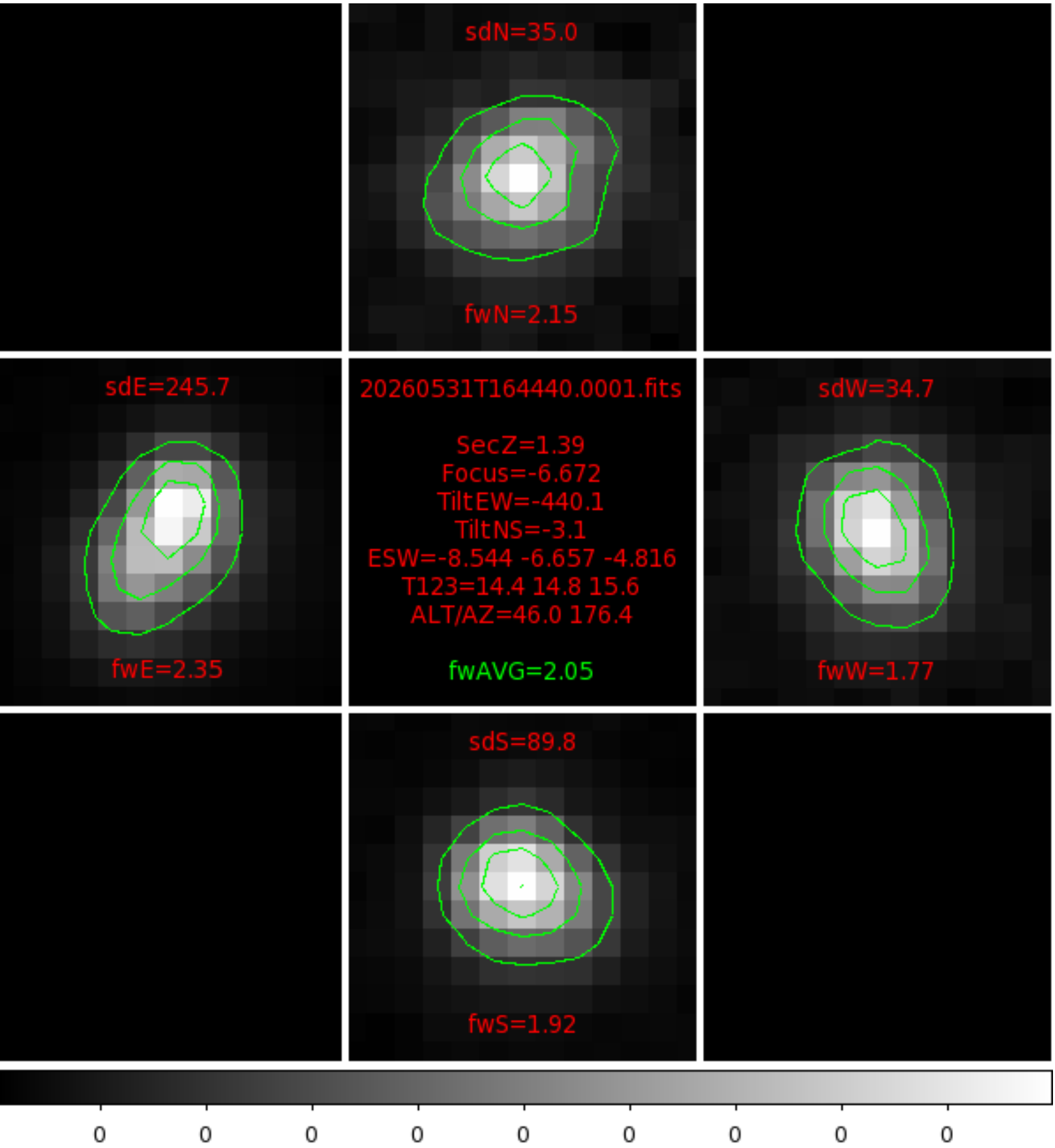
sdN=35.0
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SecZ=1.39
Focus=-6.672
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.544 -6.657 -4.816
T123=14.4 14.8 15.6
ALT/AZ=46.0 176.4
fwAVG=2.05
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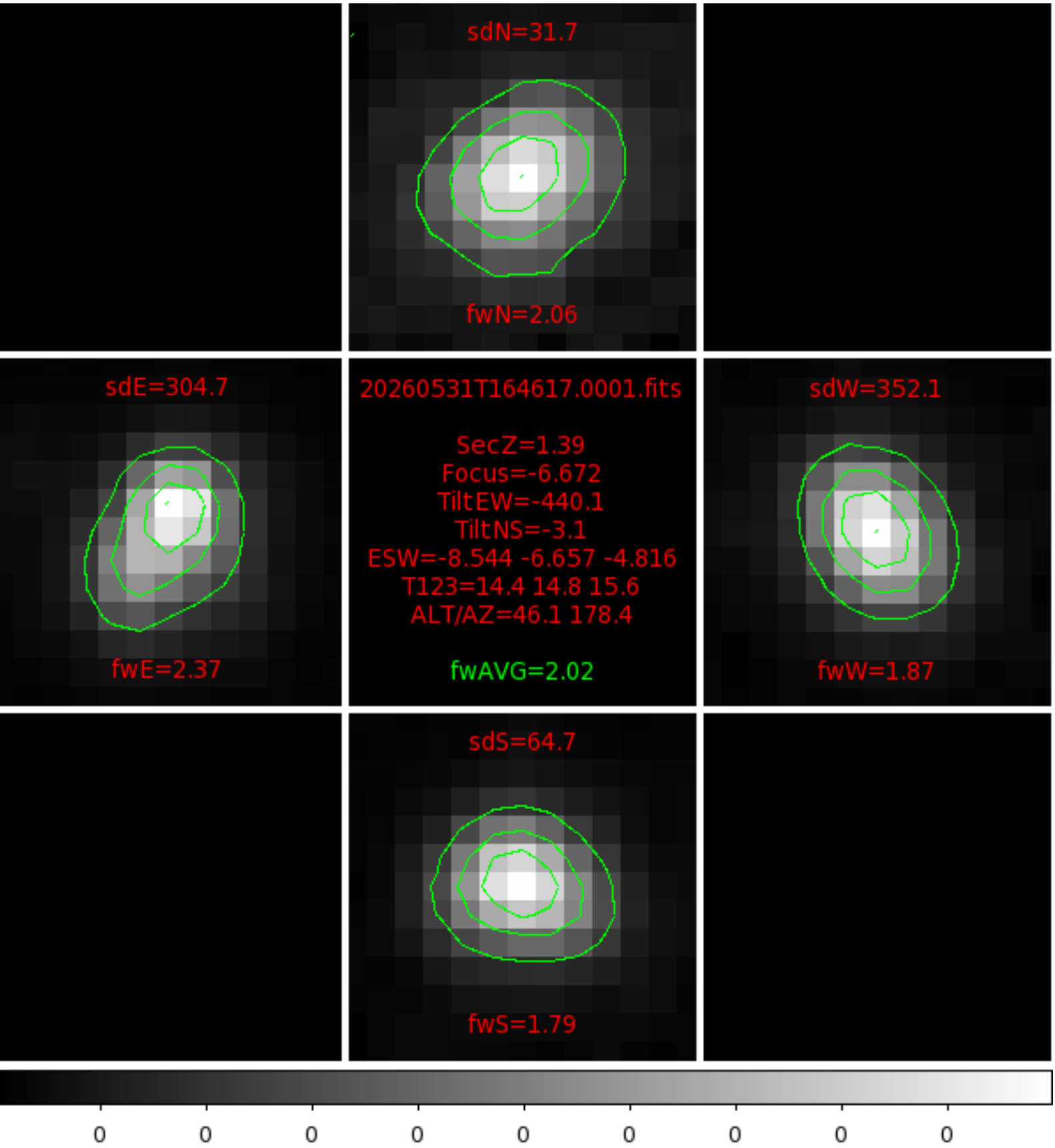
sdN=31.7
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fwE=2.37
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SecZ=1.39
Focus=-6.672
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.544 -6.657 -4.816
T123=14.4 14.8 15.6
ALT/AZ=46.1 178.4
fwAVG=2.02
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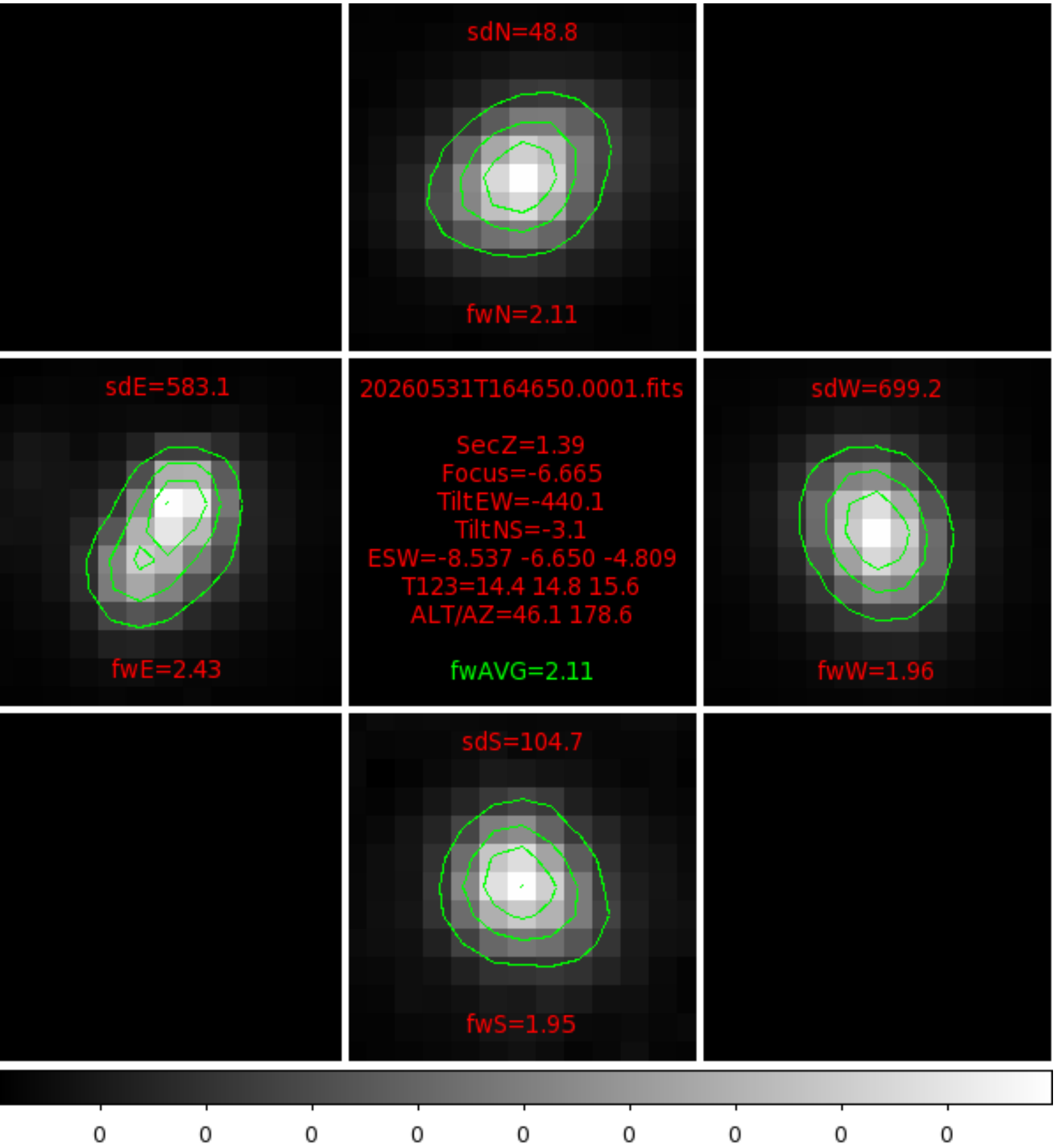
sdN=48.8
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sdE=583.1
fwE=2.43
20260531T164650.0001.fits
SecZ=1.39
Focus=-6.665
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.537 -6.650 -4.809
T123=14.4 14.8 15.6
ALT/AZ=46.1 178.6
fwAVG=2.11
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sdS=104.7
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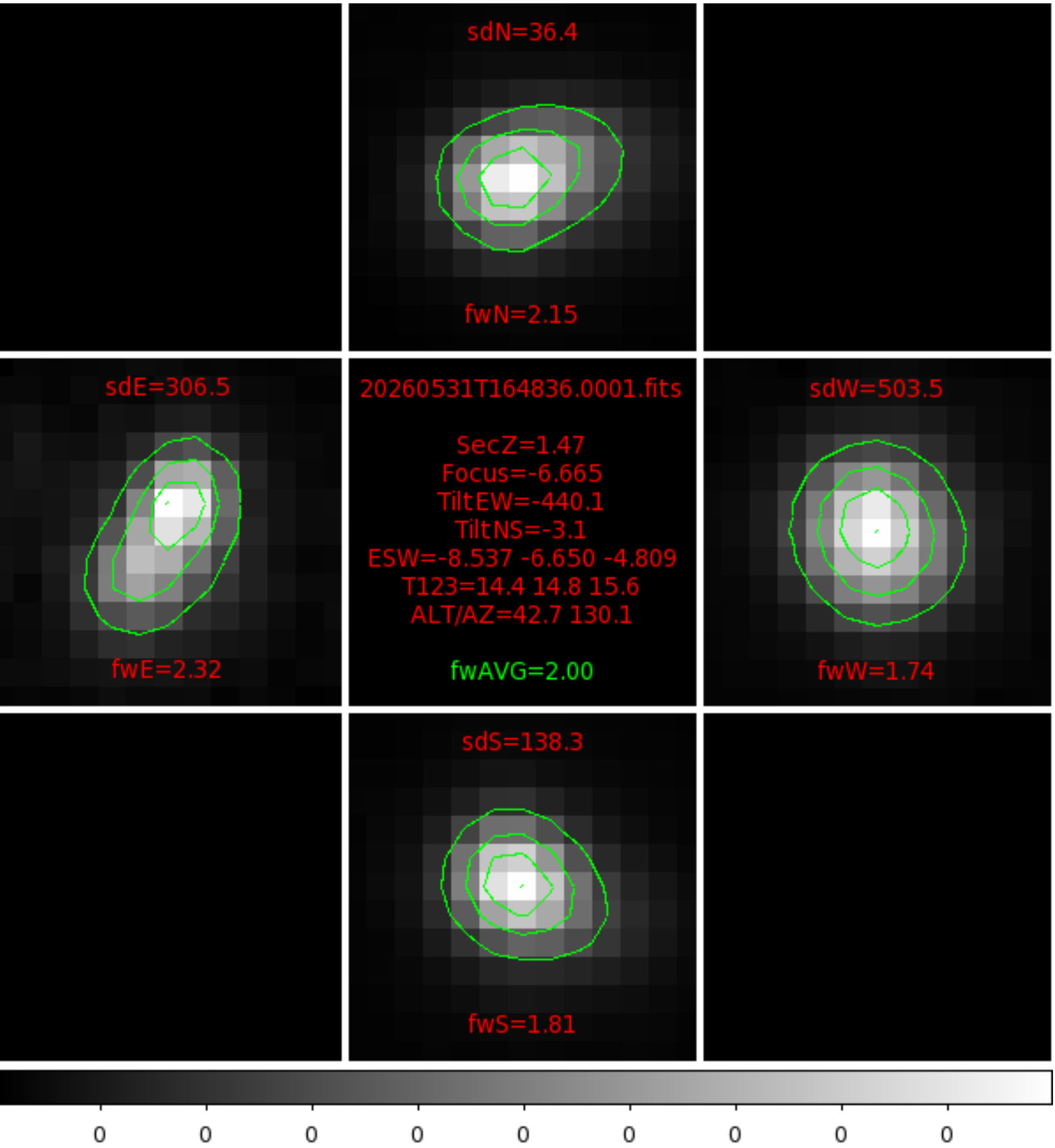
sdN=36.4
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sdE=306.5
fwE=2.32
20260531T164836.0001.fits
SecZ=1.47
Focus=-6.665
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.537 -6.650 -4.809
T123=14.4 14.8 15.6
ALT/AZ=42.7 130.1
fwAVG=2.00
sdW=503.5
fwW=1.74
sdS=138.3
fwS=1.81
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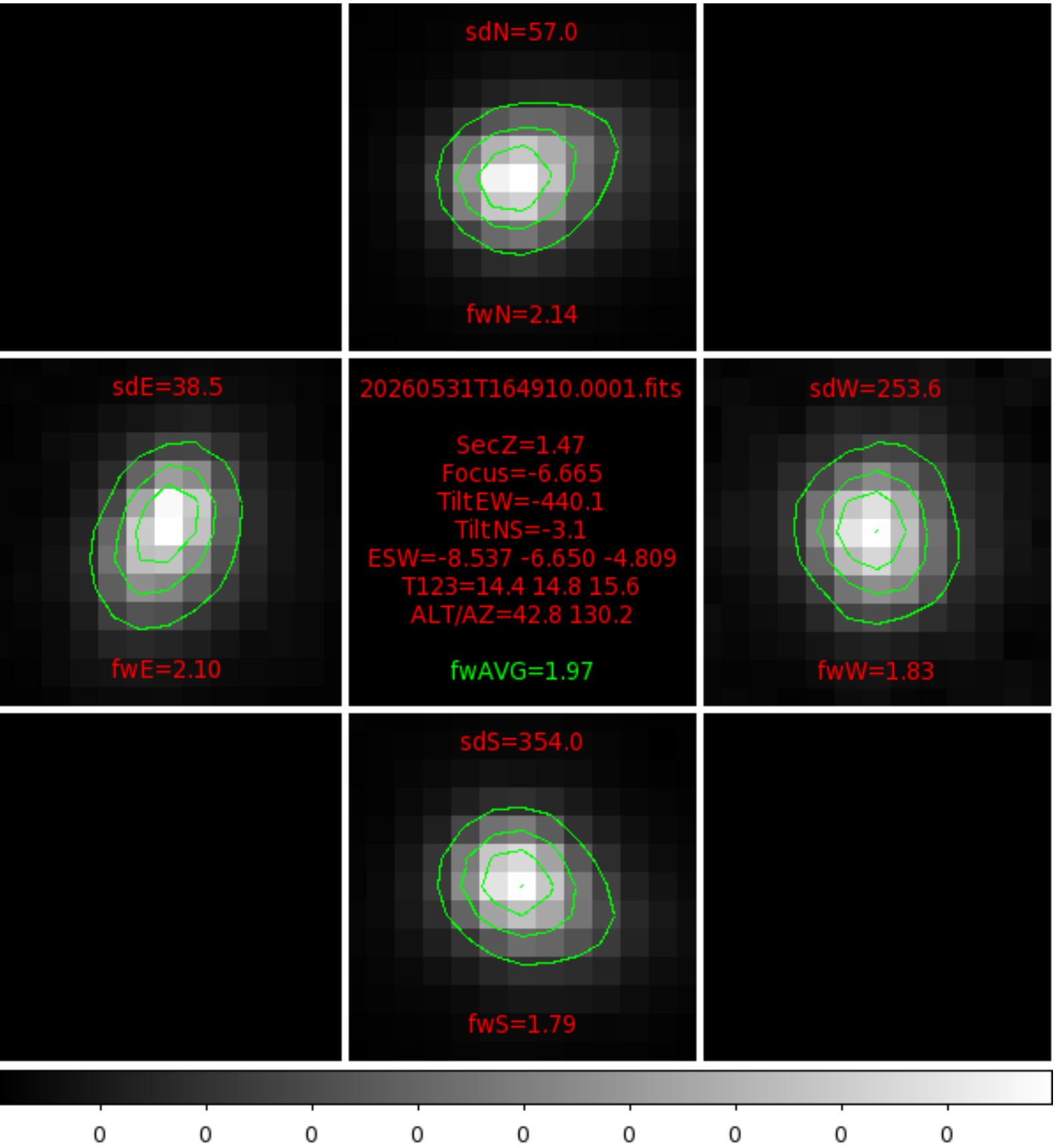
sdN=57.0
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sdE=38.5
fwE=2.10
20260531T164910.0001.fits
SecZ=1.47
Focus=-6.665
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.537 -6.650 -4.809
T123=14.4 14.8 15.6
ALT/AZ=42.8 130.2
fwAVG=1.97
sdW=253.6
fwW=1.83
sdS=354.0
fwS=1.79
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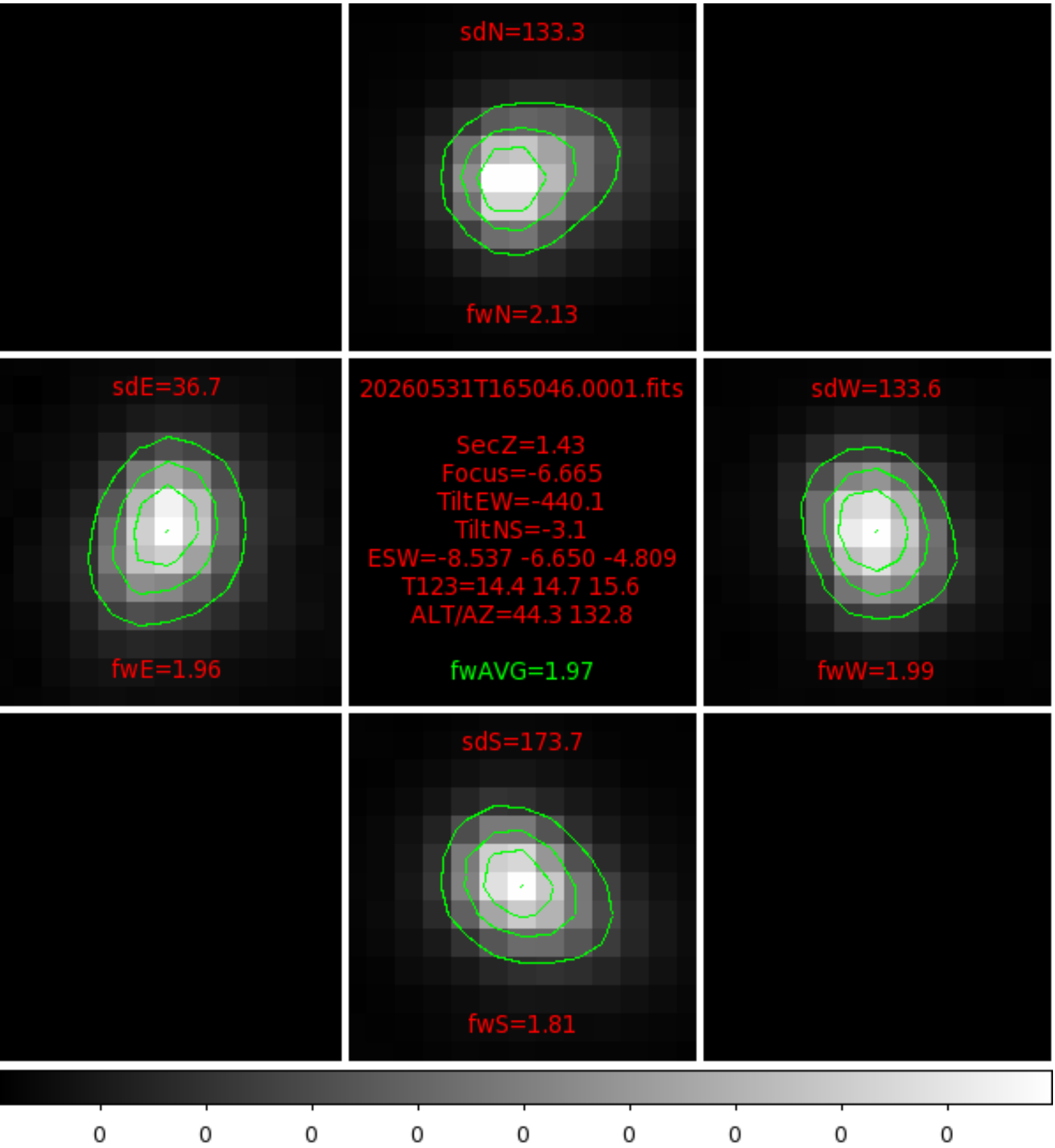
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ESW=-8.537 -6.650 -4.809
T123=14.4 14.7 15.6
ALT/AZ=44.3 132.8
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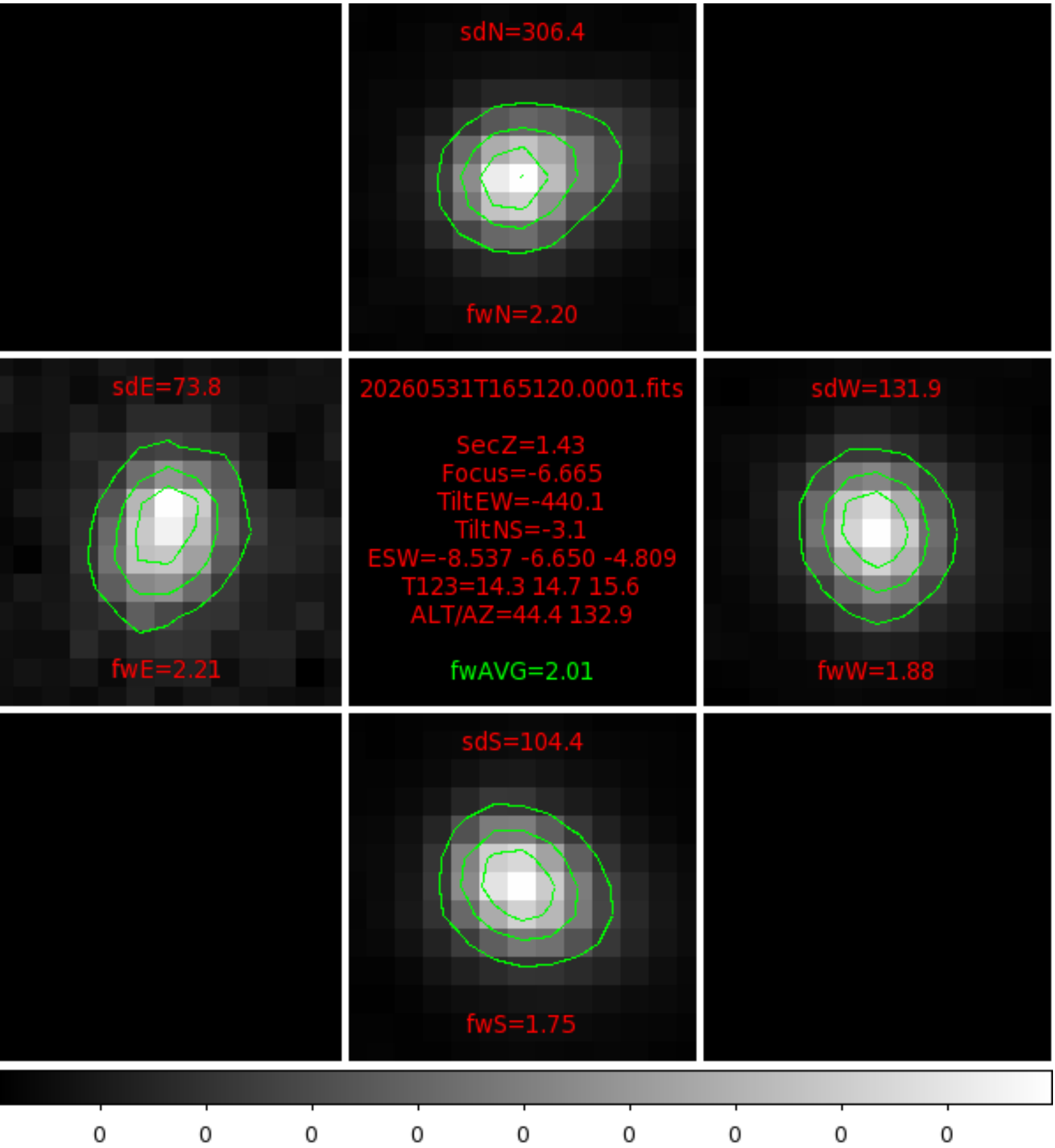
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20260531T165120.0001.fits
SecZ=1.43
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TiltNS=-3.1
ESW=-8.537 -6.650 -4.809
T123=14.3 14.7 15.6
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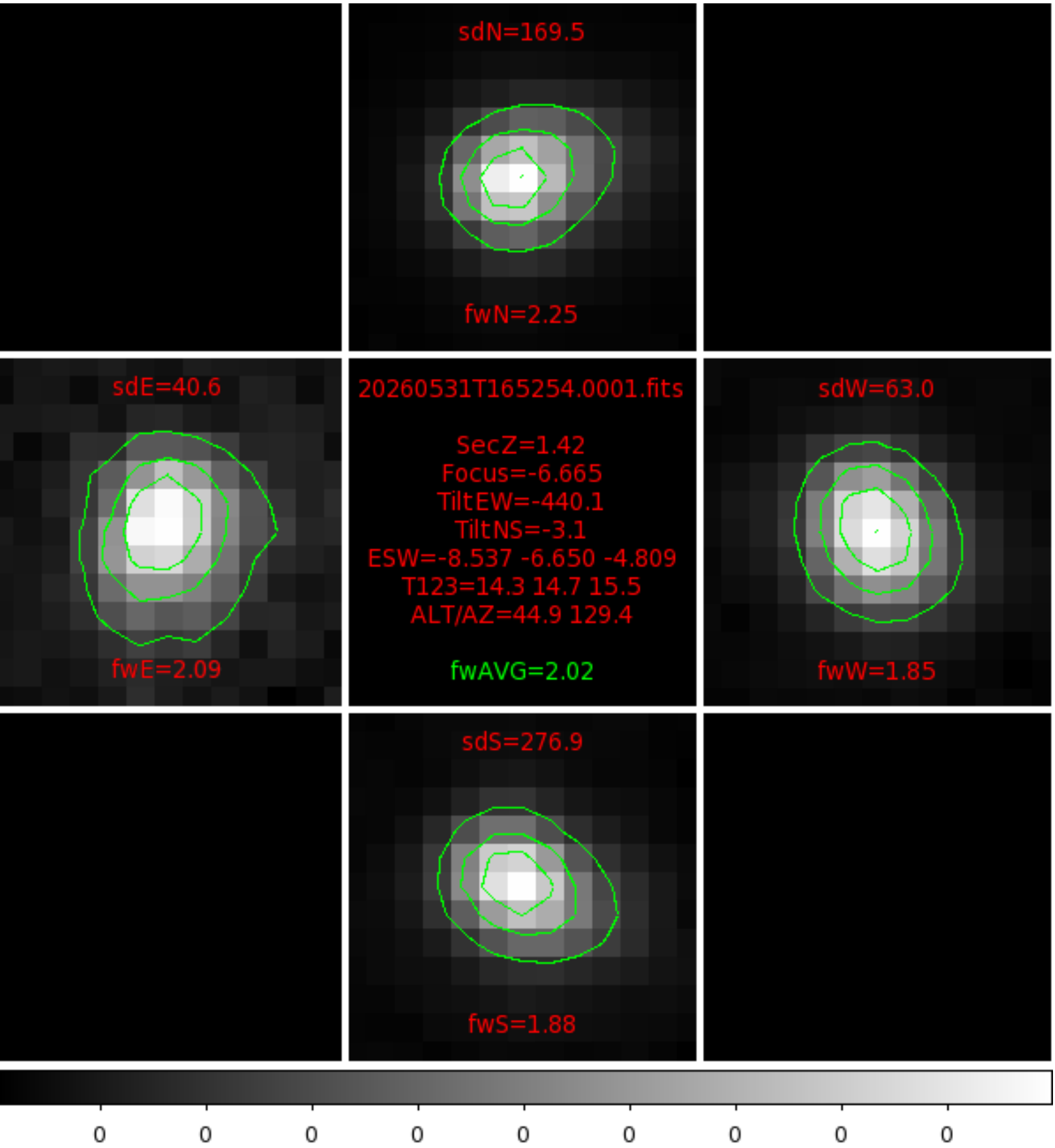
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SecZ=1.42
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TiltNS=-3.1
ESW=-8.537 -6.650 -4.809
T123=14.3 14.7 15.5
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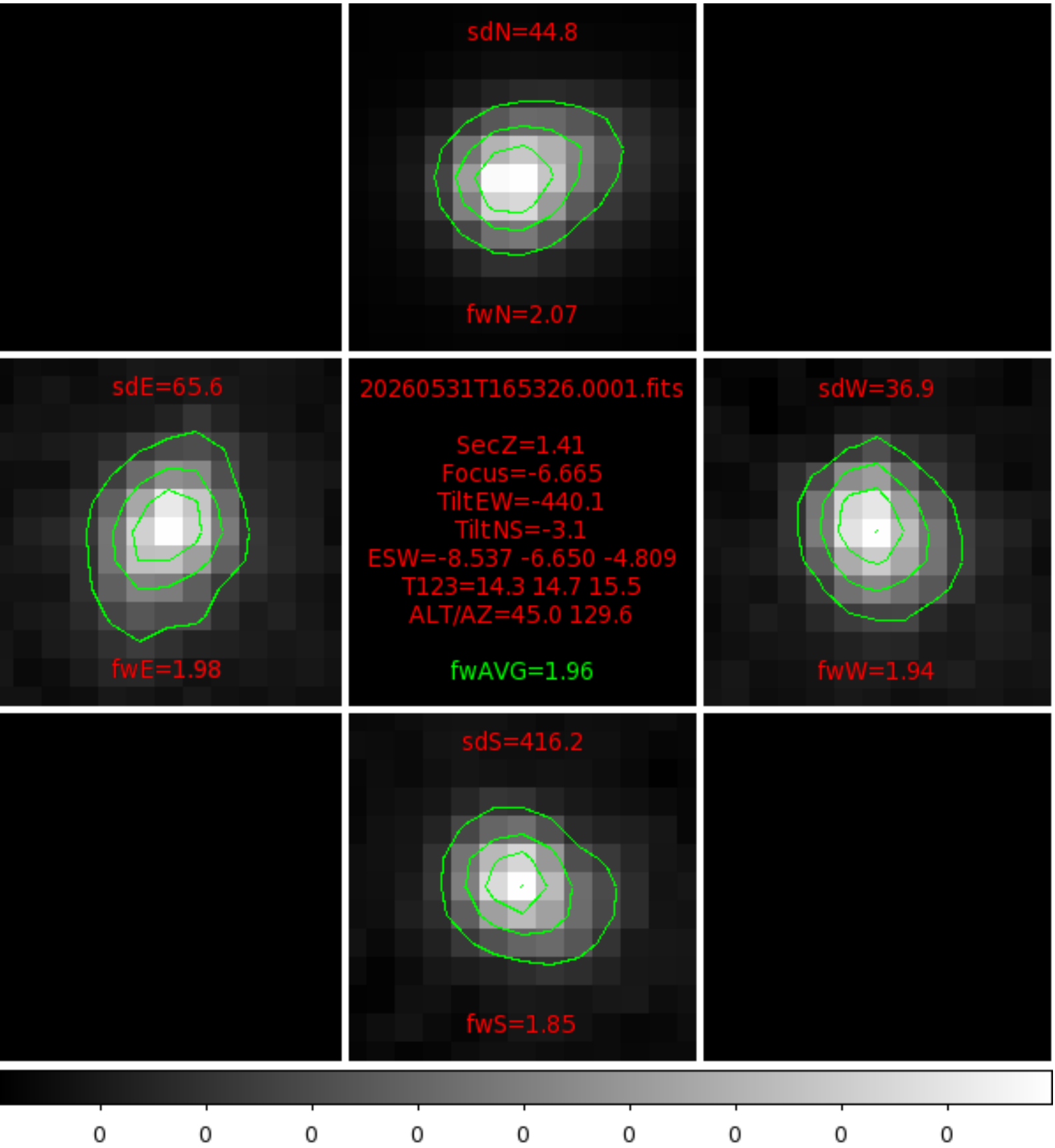
sdN=44.8
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SecZ=1.41
Focus=-6.665
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.537 -6.650 -4.809
T123=14.3 14.7 15.5
ALT/AZ=45.0 129.6
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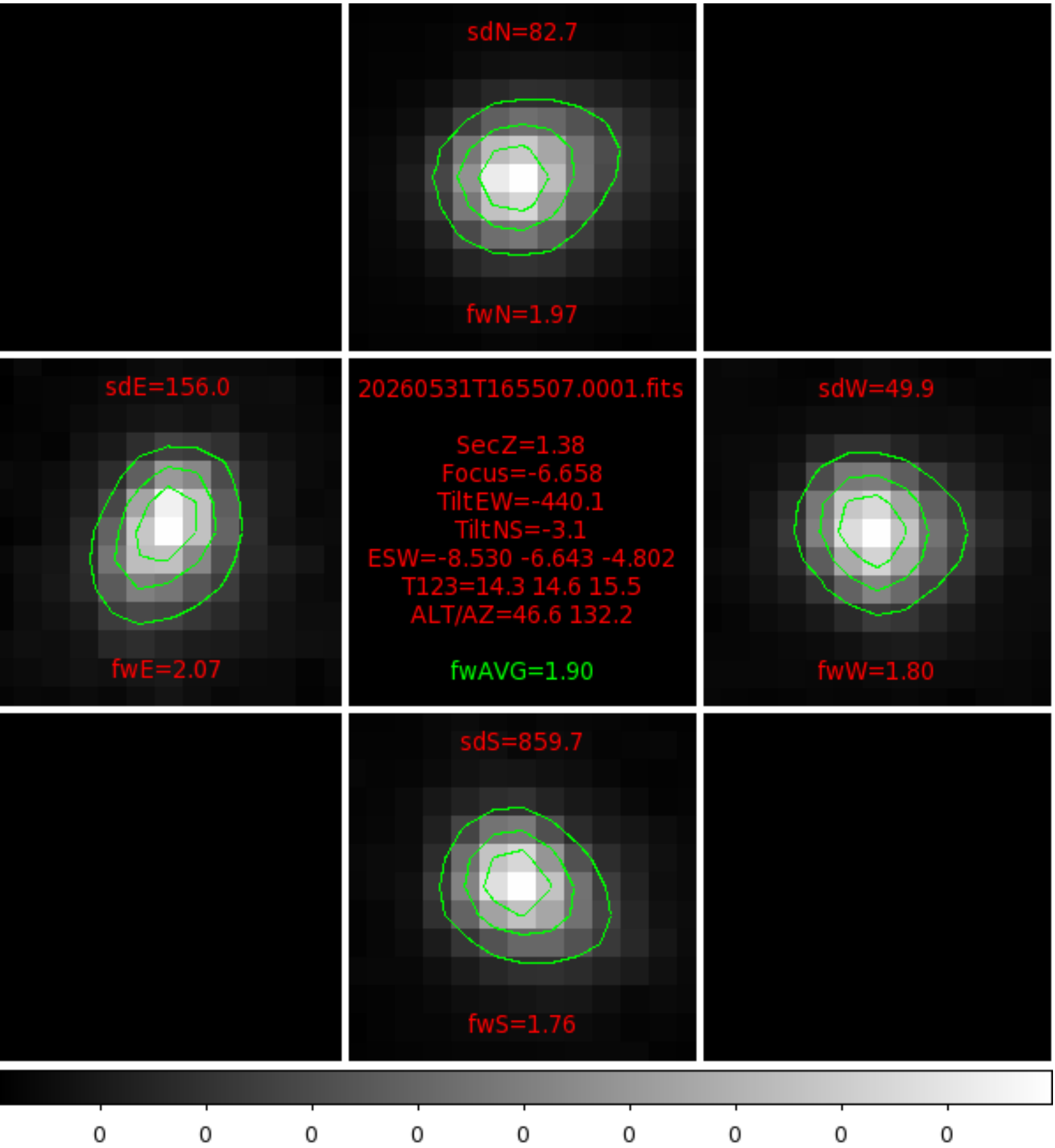
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.530 -6.643 -4.802
T123=14.3 14.6 15.5
ALT/AZ=46.6 132.2
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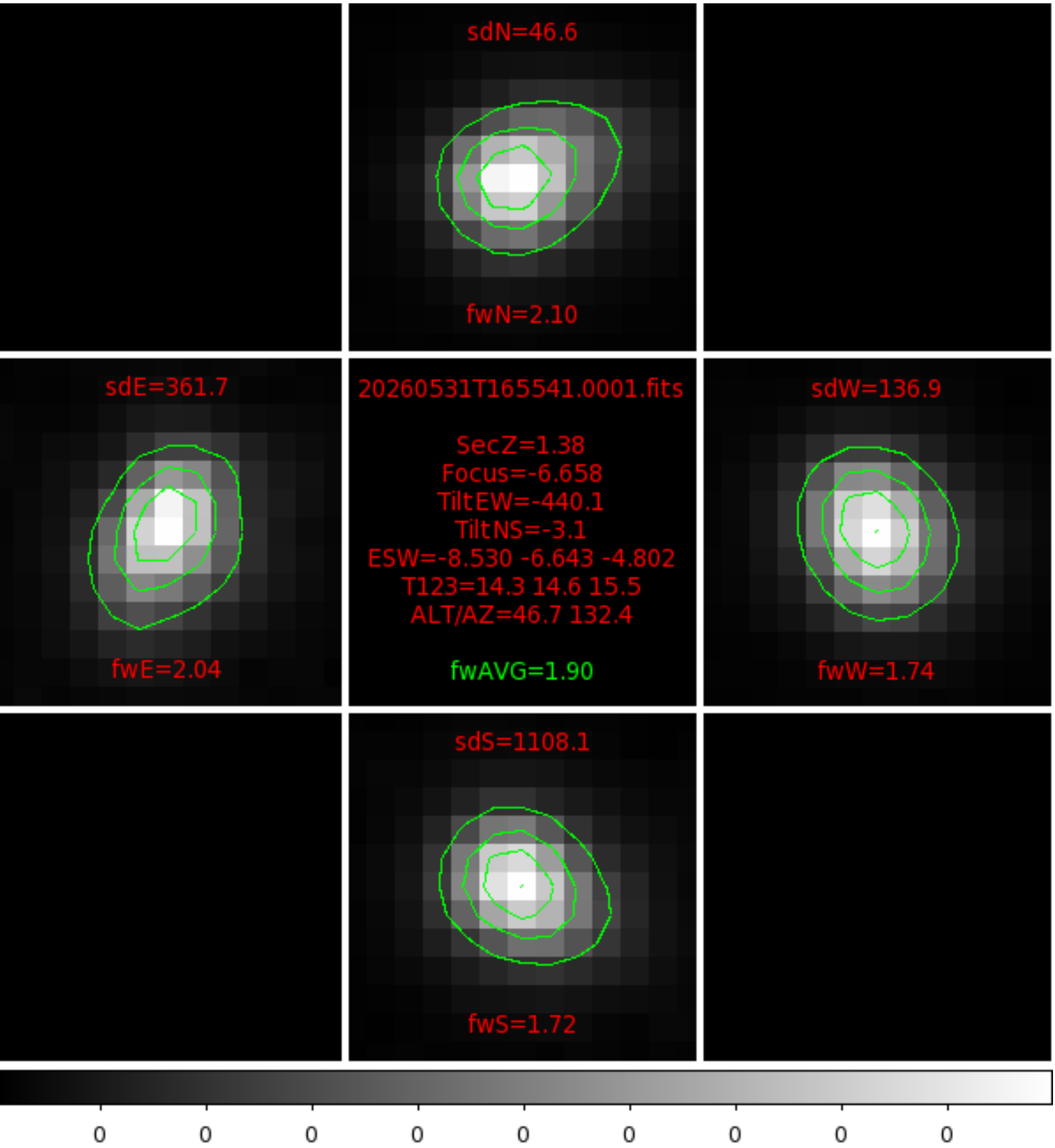
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SecZ=1.38
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TiltNS=-3.1
ESW=-8.530 -6.643 -4.802
T123=14.3 14.6 15.5
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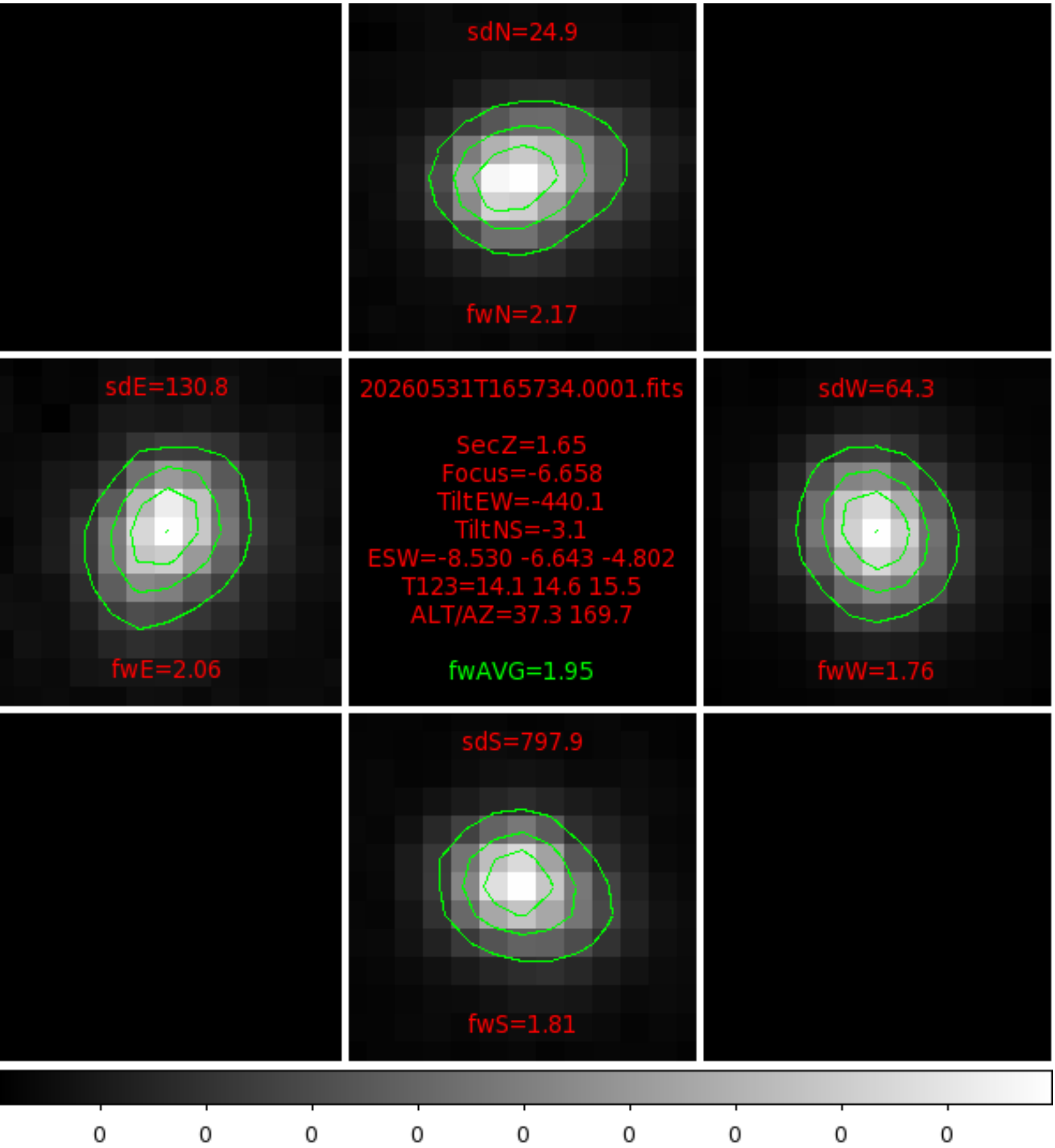
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SecZ=1.65
Focus=-6.658
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.530 -6.643 -4.802
T123=14.1 14.6 15.5
ALT/AZ=37.3 169.7
fwAVG=1.95
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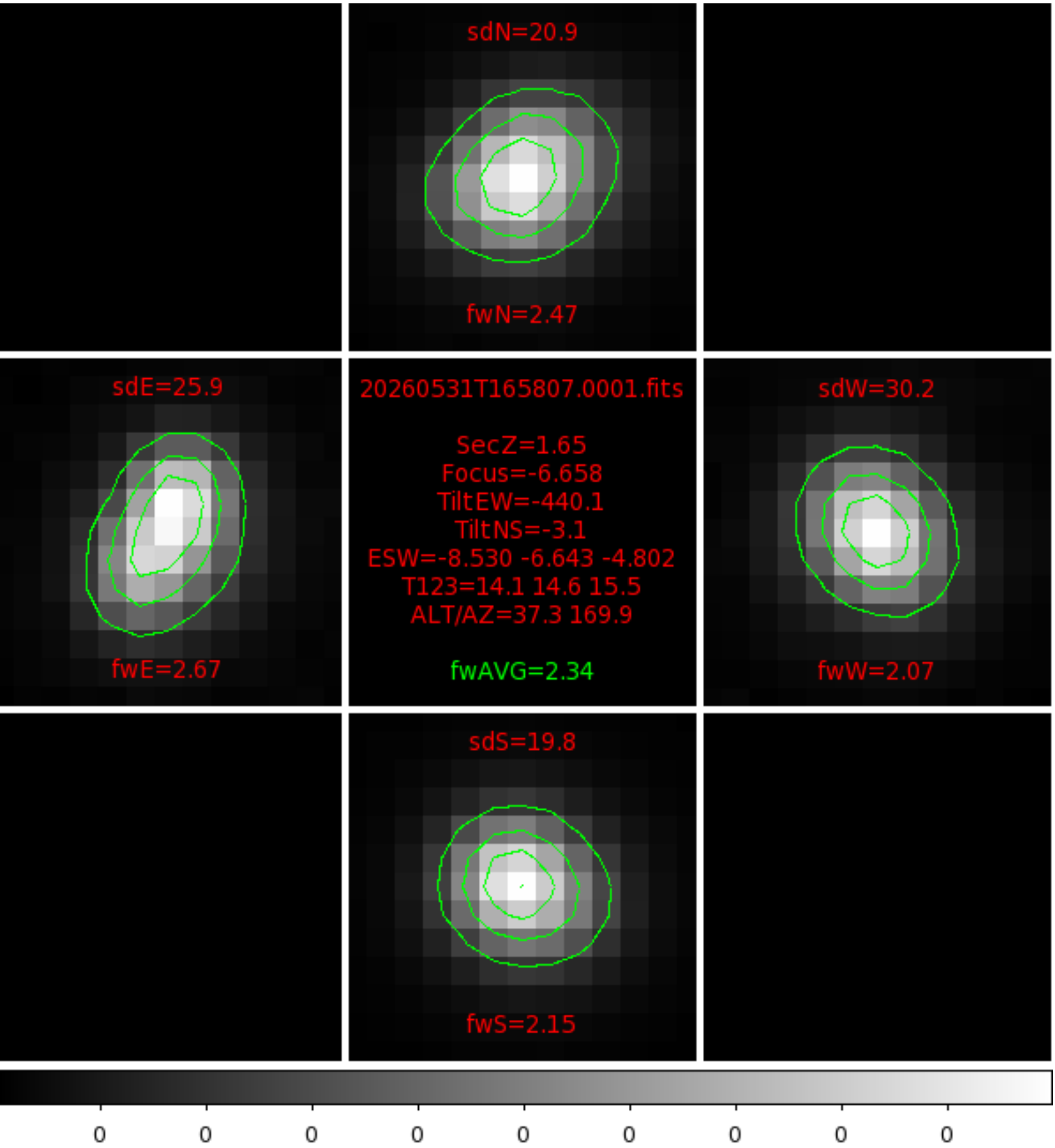
sdN=20.9
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SecZ=1.65
Focus=-6.658
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.530 -6.643 -4.802
T123=14.1 14.6 15.5
ALT/AZ=37.3 169.9
fwAVG=2.34
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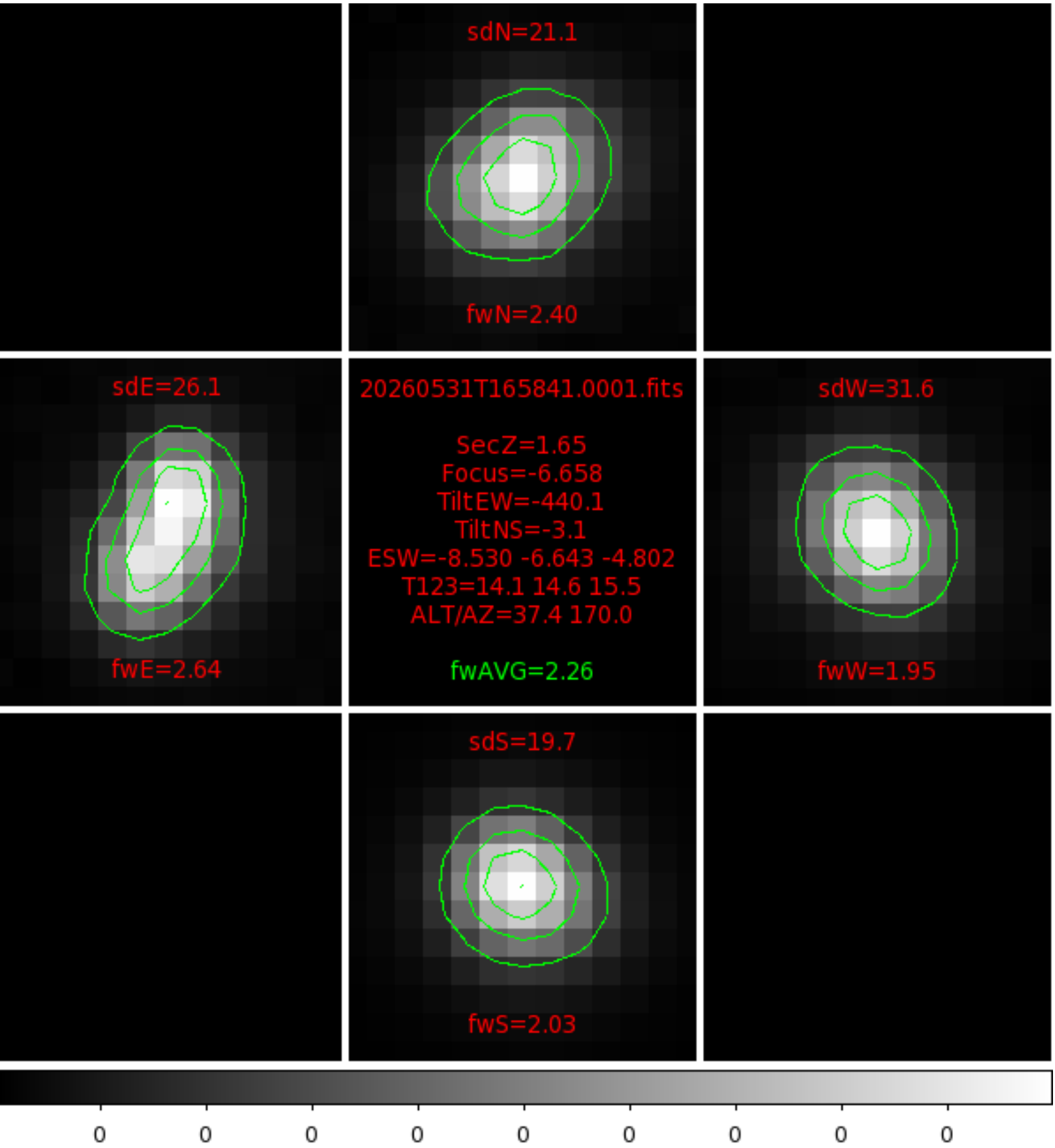
sdN=21.1
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SecZ=1.65
Focus=-6.658
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TiltNS=-3.1
ESW=-8.530 -6.643 -4.802
T123=14.1 14.6 15.5
ALT/AZ=37.4 170.0
fwAVG=2.26
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sdS=19.7
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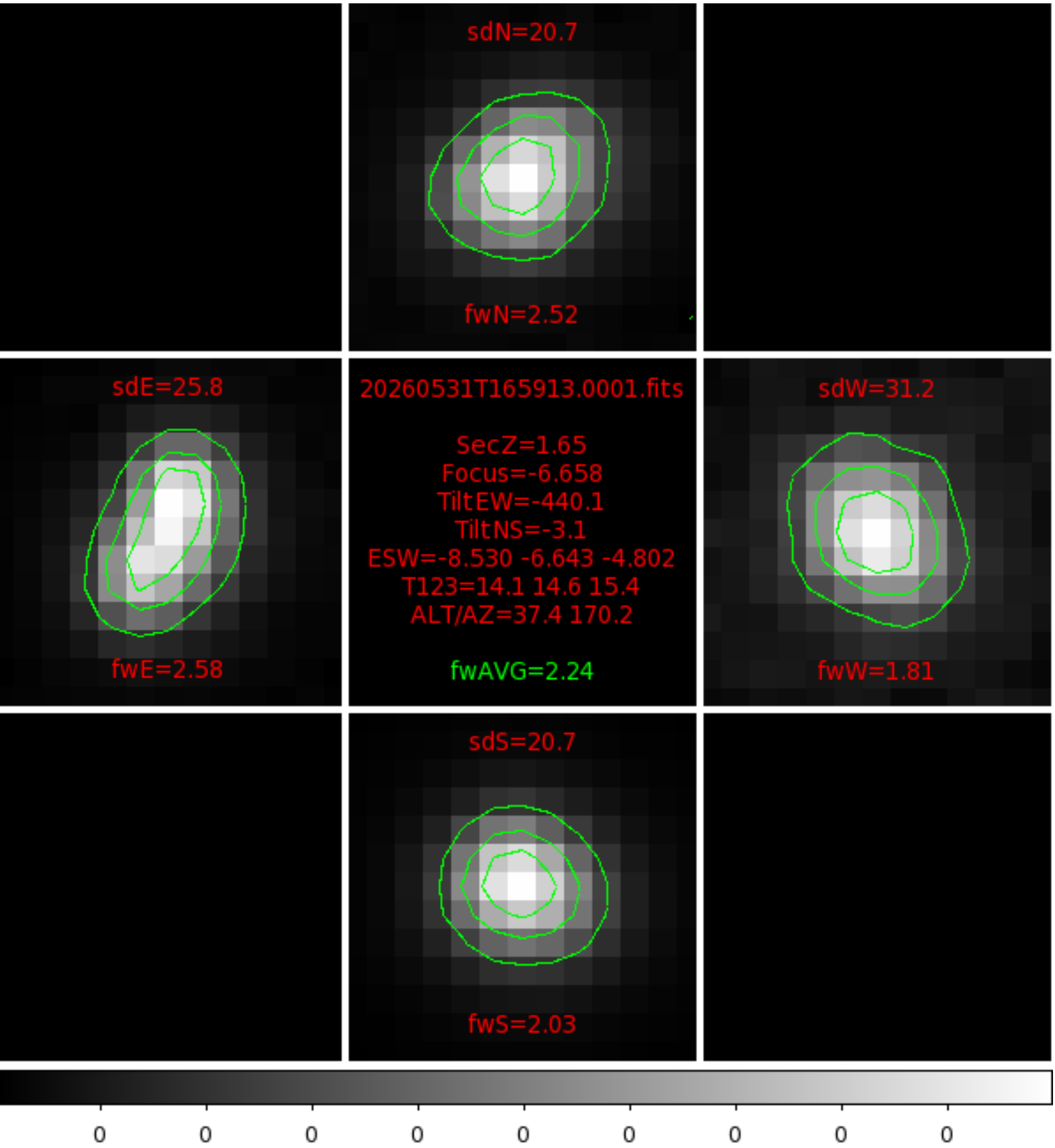
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SecZ=1.65
Focus=-6.658
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.530 -6.643 -4.802
T123=14.1 14.6 15.4
ALT/AZ=37.4 170.2
fwAVG=2.24
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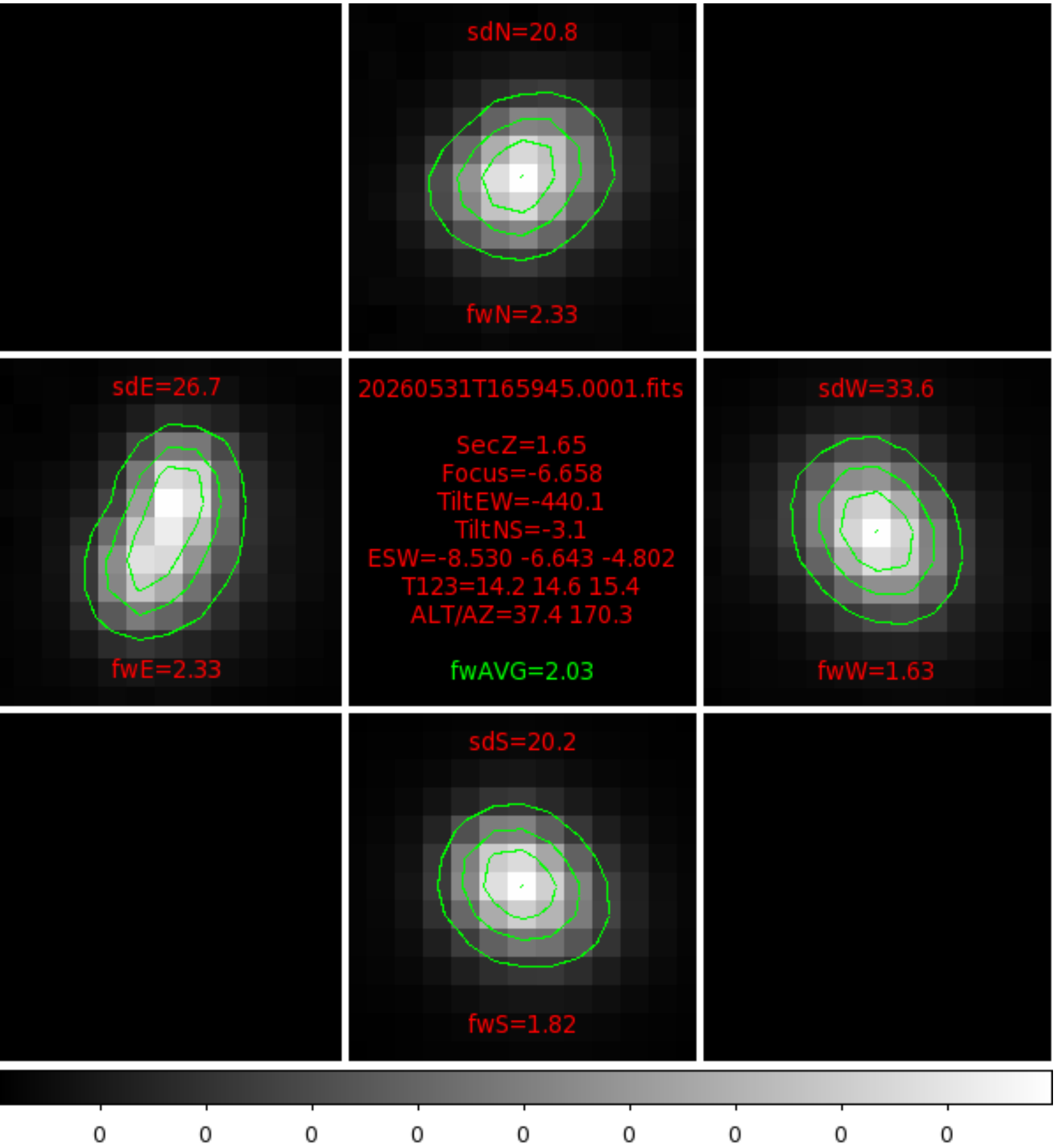
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SecZ=1.65
Focus=-6.658
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.530 -6.643 -4.802
T123=14.2 14.6 15.4
ALT/AZ=37.4 170.3
fwAVG=2.03
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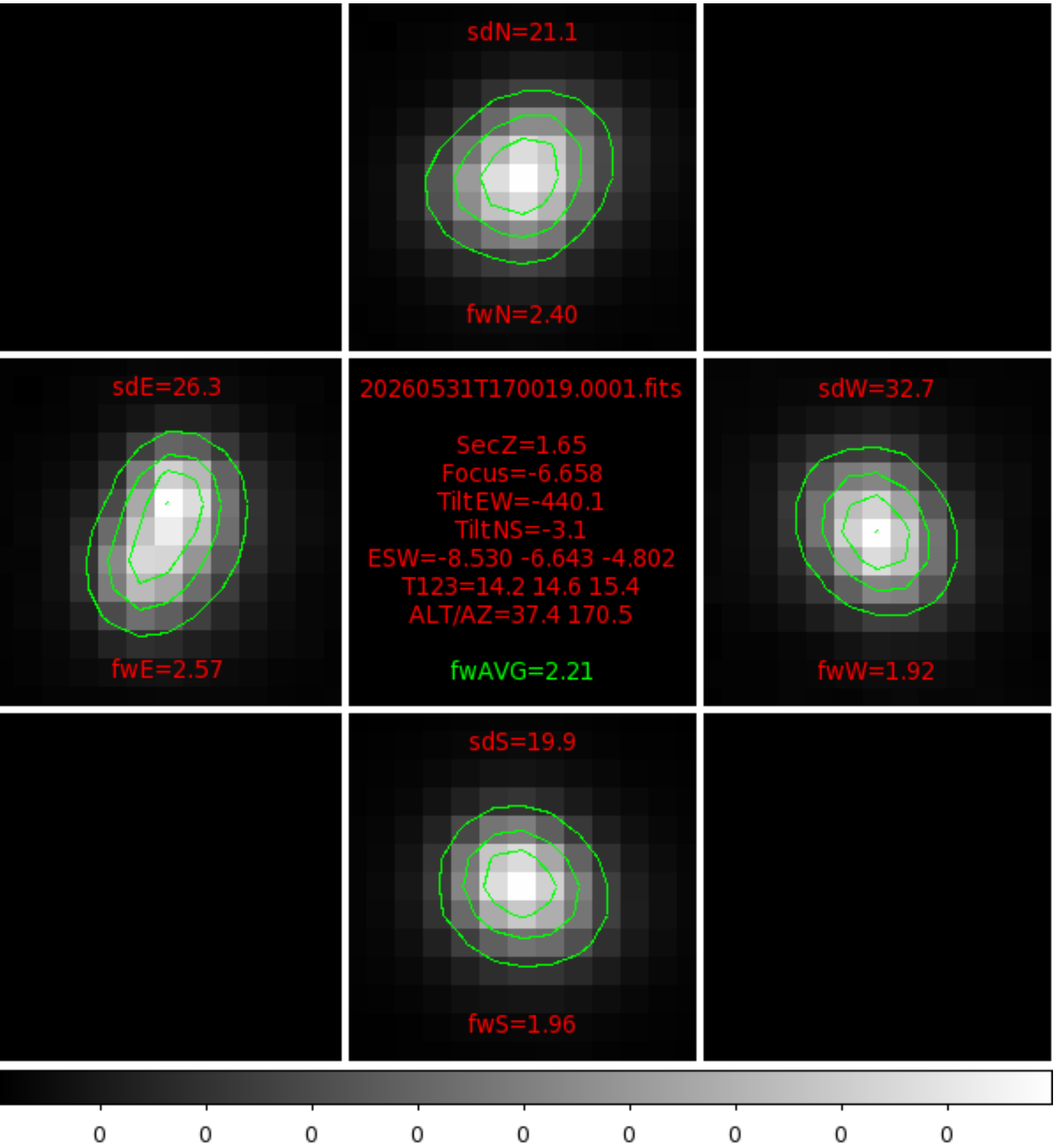
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sdE=26.3
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SecZ=1.65
Focus=-6.658
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.530 -6.643 -4.802
T123=14.2 14.6 15.4
ALT/AZ=37.4 170.5
fwAVG=2.21
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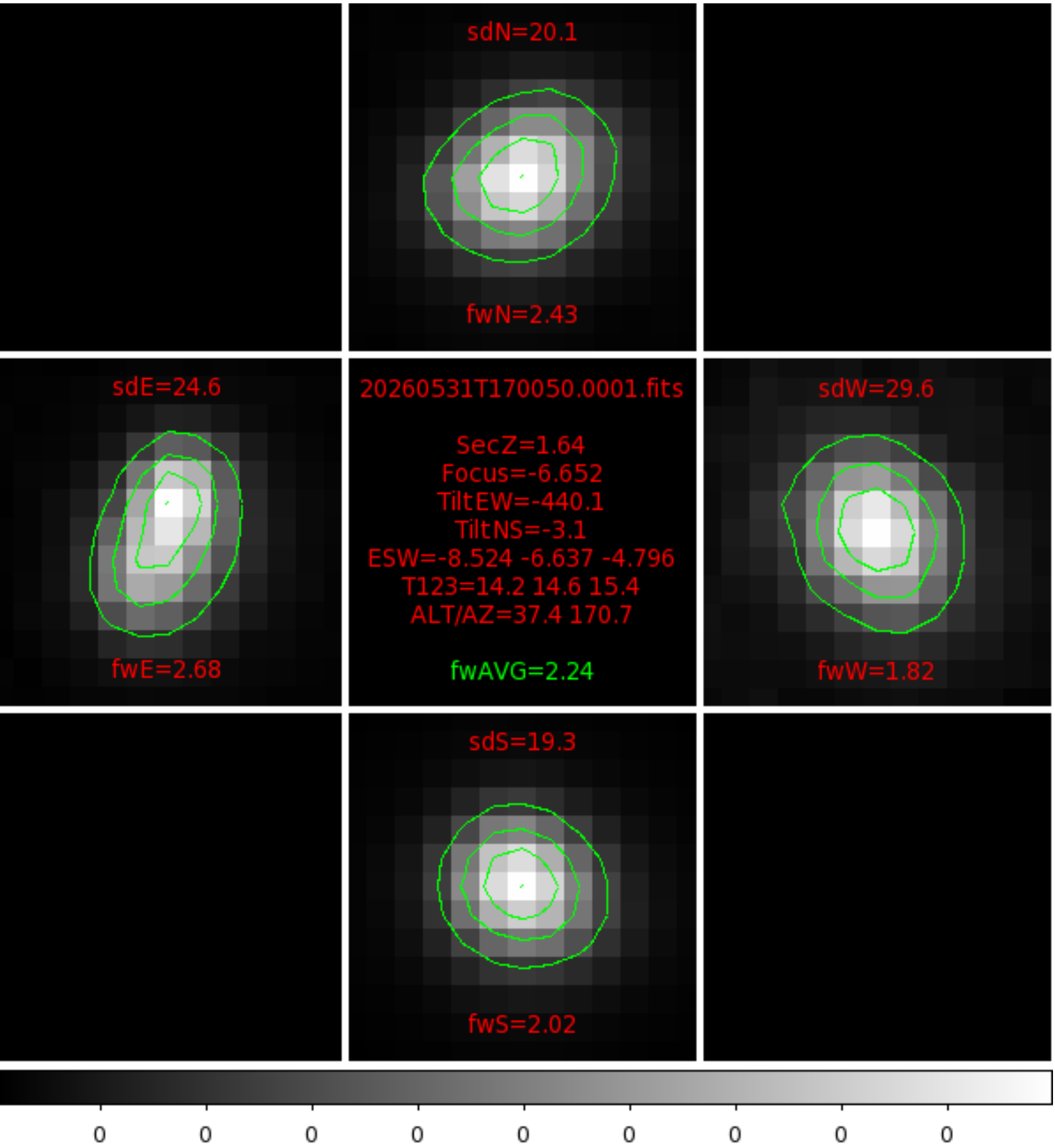
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fwE=2.68
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Focus=-6.652
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.524 -6.637 -4.796
T123=14.2 14.6 15.4
ALT/AZ=37.4 170.7
fwAVG=2.24
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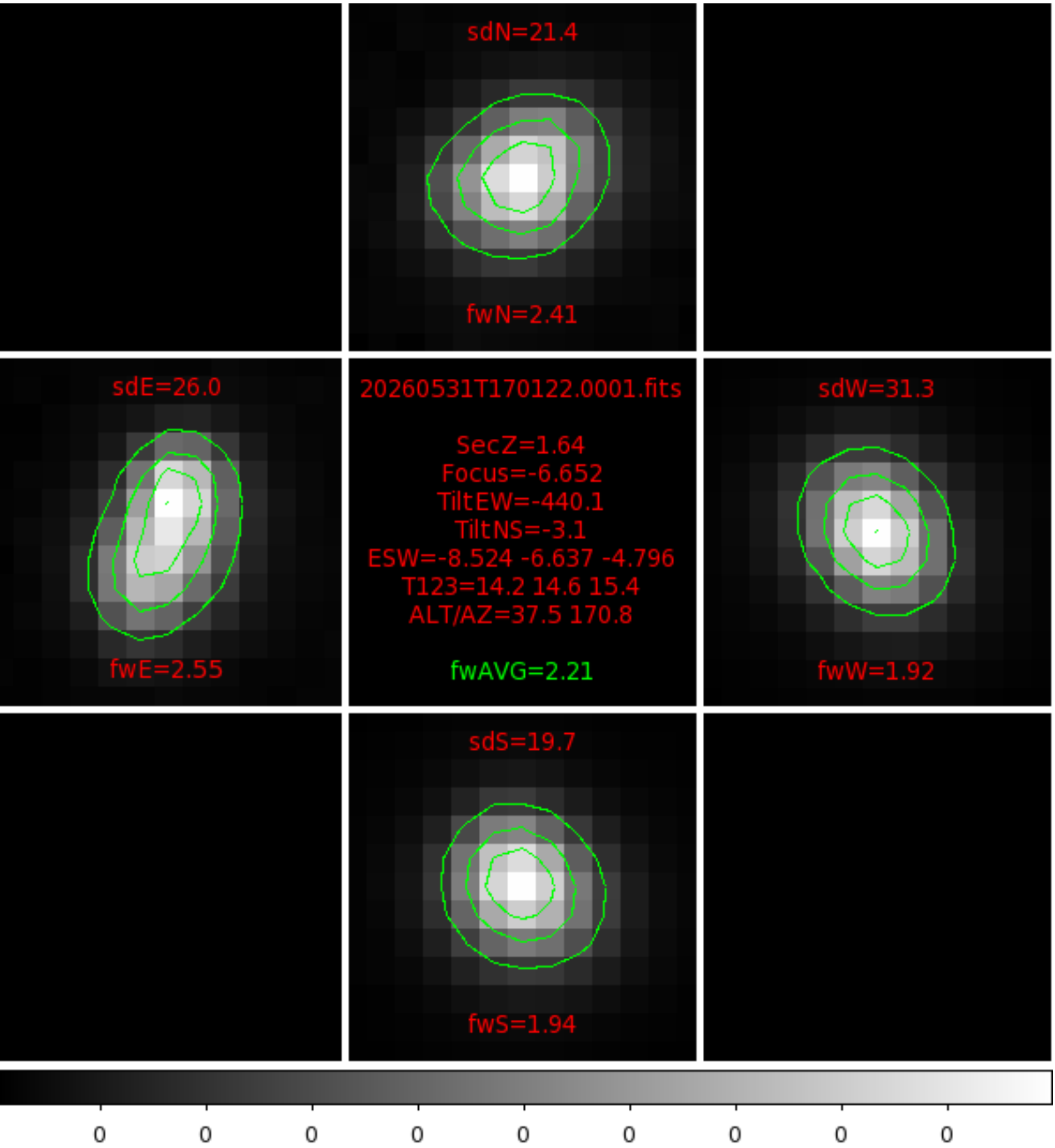
sdN=21.4
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SecZ=1.64
Focus=-6.652
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.524 -6.637 -4.796
T123=14.2 14.6 15.4
ALT/AZ=37.5 170.8
fwAVG=2.21
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fwW=1.92
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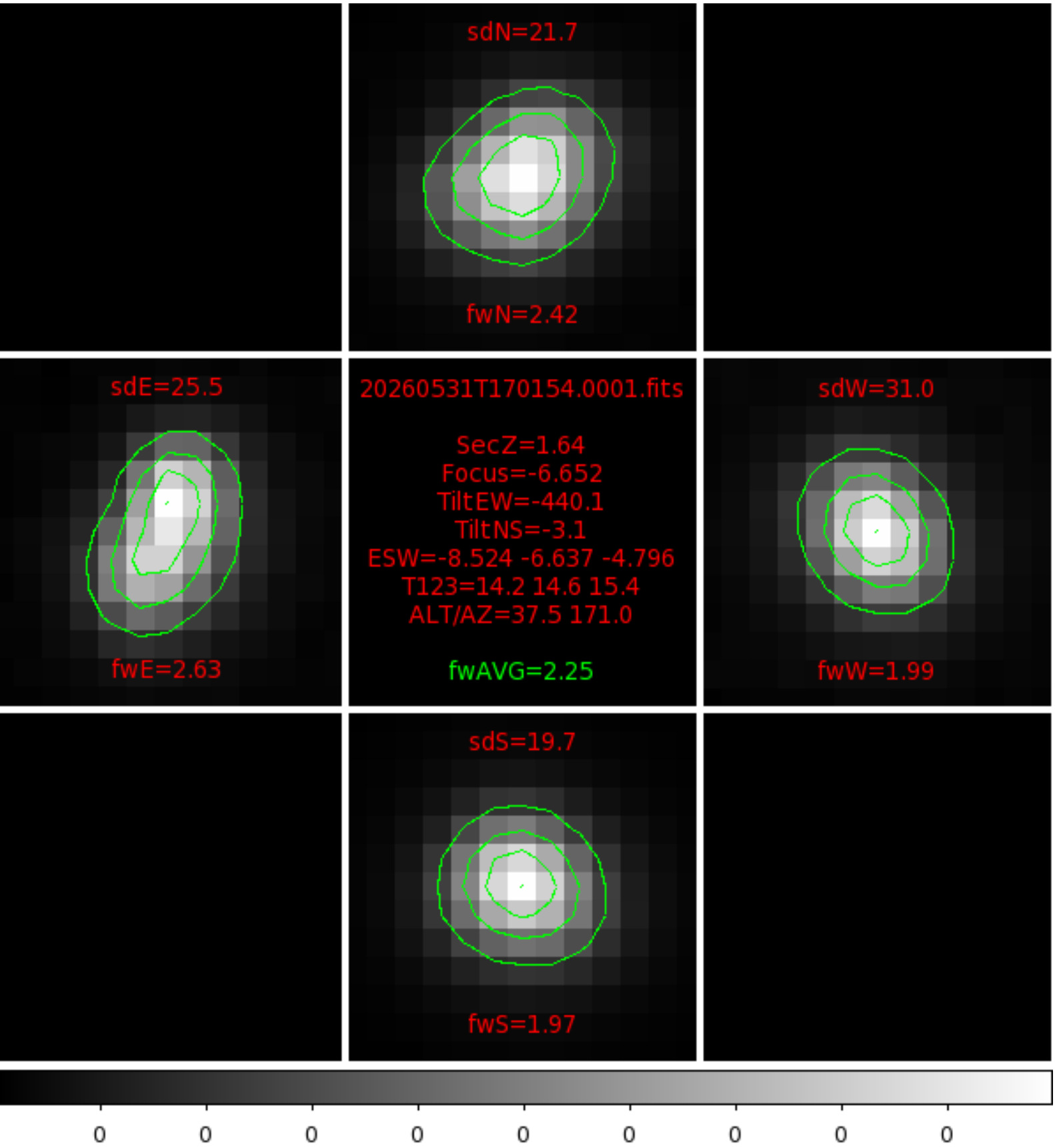
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fwE=2.63
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SecZ=1.64
Focus=-6.652
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.524 -6.637 -4.796
T123=14.2 14.6 15.4
ALT/AZ=37.5 171.0
fwAVG=2.25
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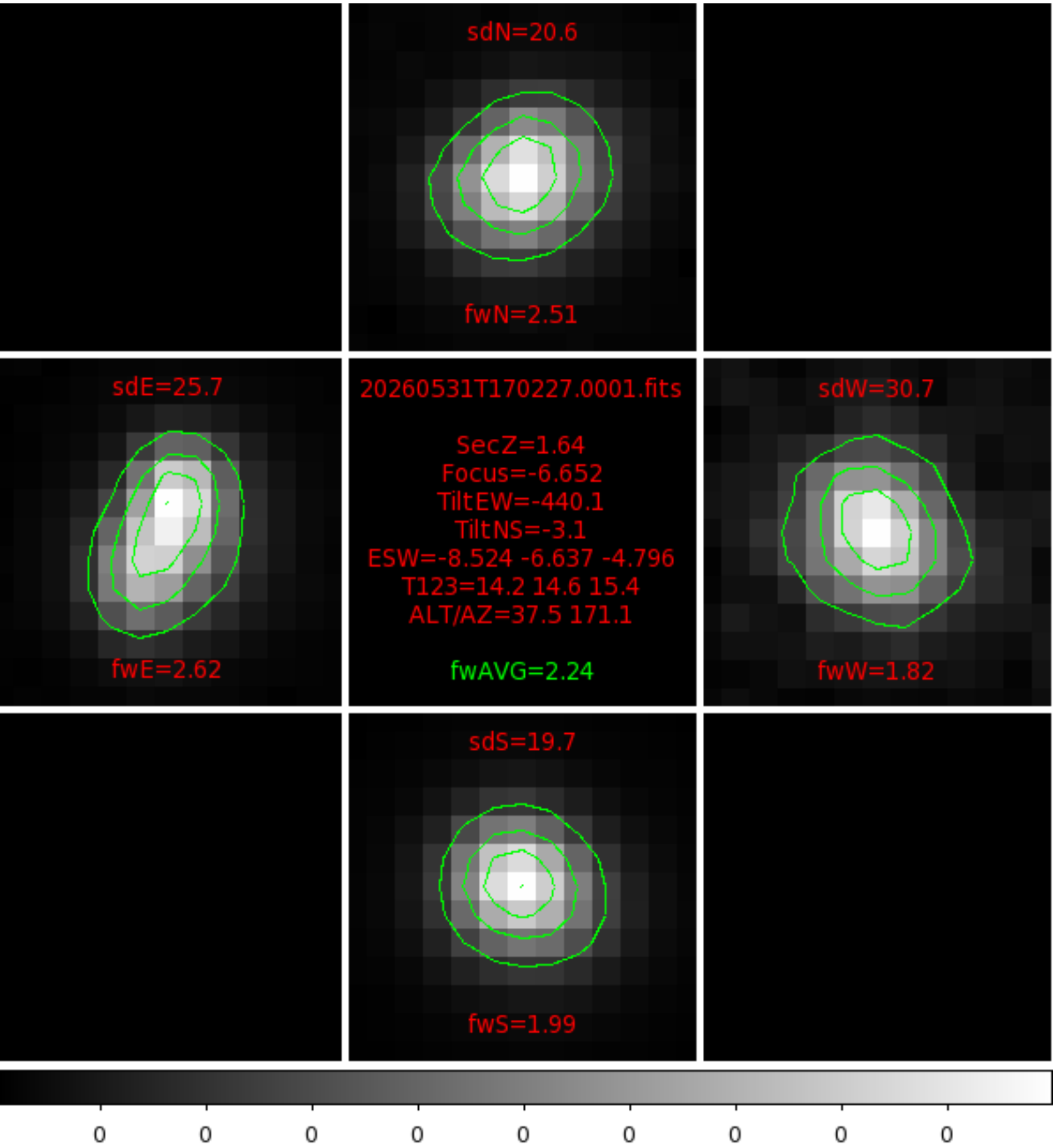
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SecZ=1.64
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TiltNS=-3.1
ESW=-8.524 -6.637 -4.796
T123=14.2 14.6 15.4
ALT/AZ=37.5 171.1
fwAVG=2.24
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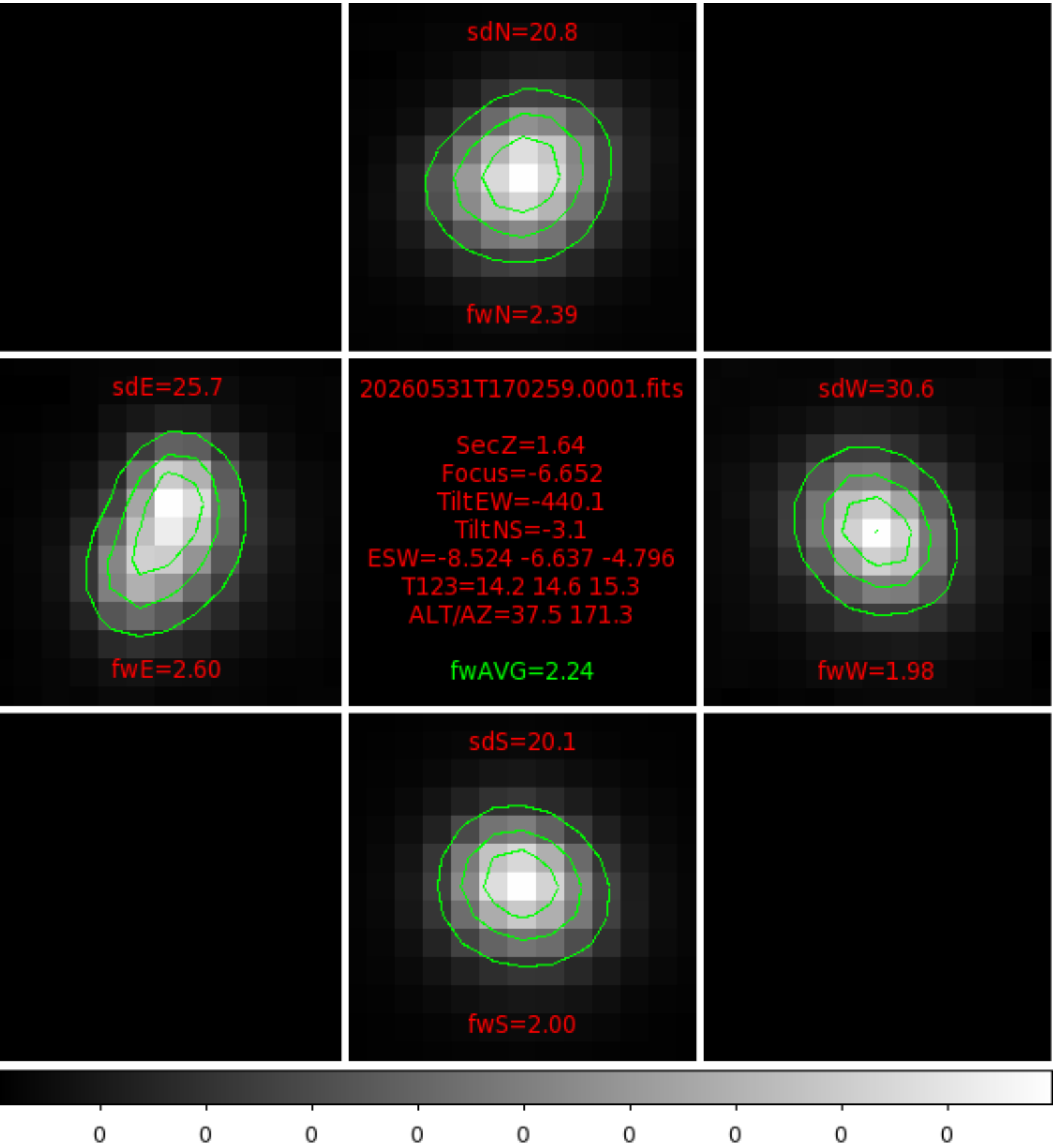
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SecZ=1.64
Focus=-6.652
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.524 -6.637 -4.796
T123=14.2 14.6 15.3
ALT/AZ=37.5 171.3
fwAVG=2.24
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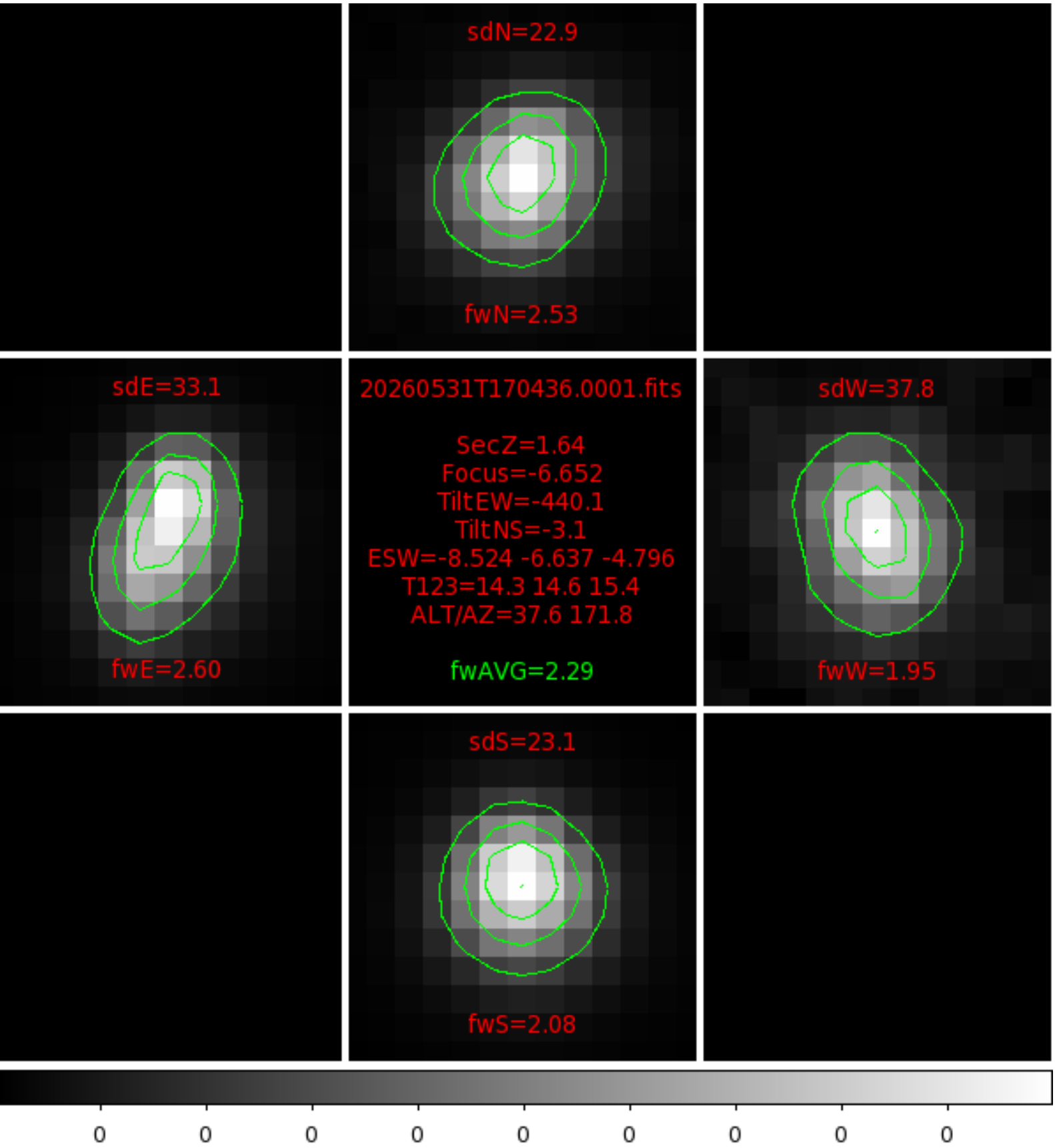
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SecZ=1.64
Focus=-6.652
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.524 -6.637 -4.796
T123=14.3 14.6 15.4
ALT/AZ=37.6 171.8
fwAVG=2.29
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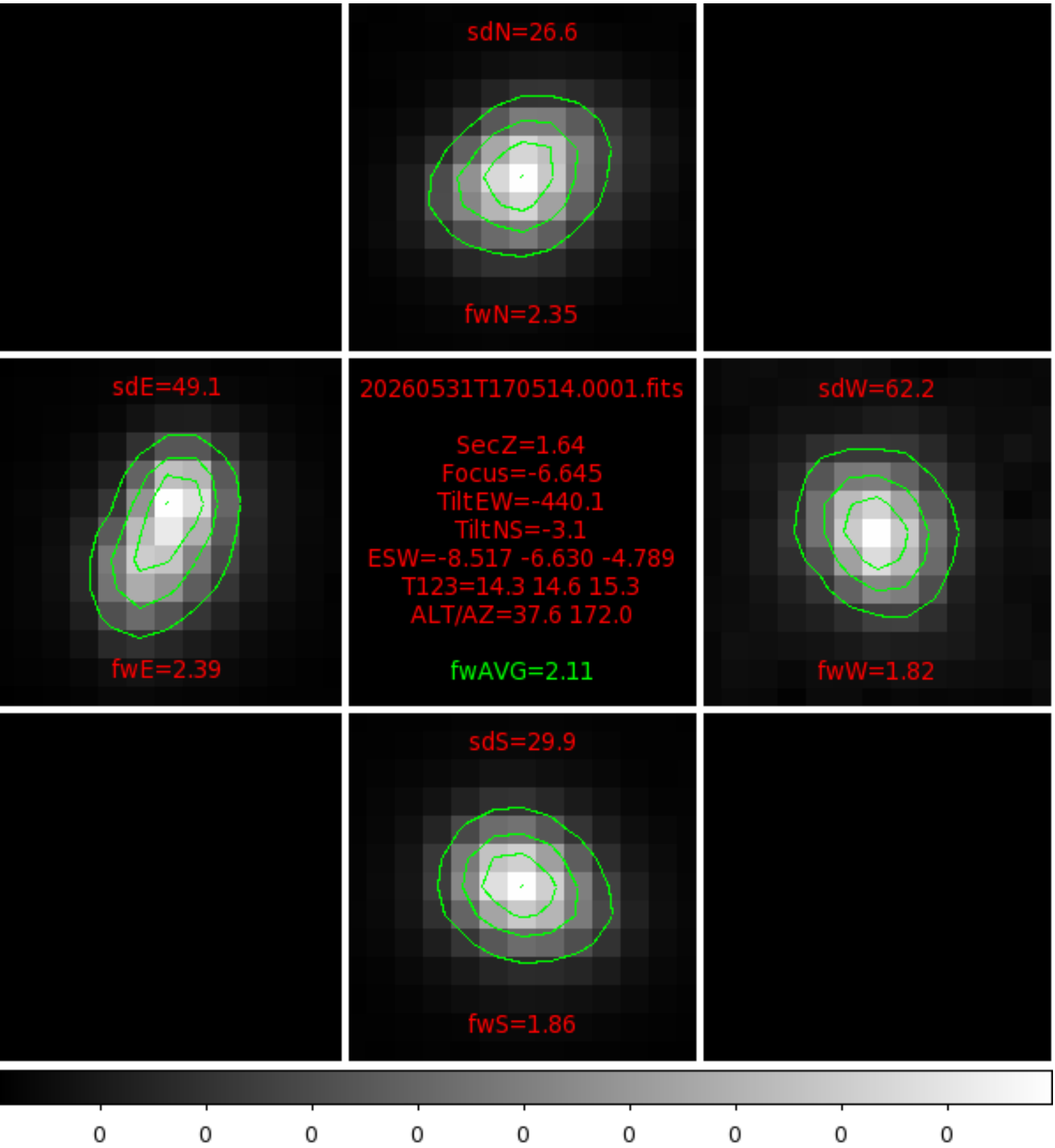
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SecZ=1.64
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.517 -6.630 -4.789
T123=14.3 14.6 15.3
ALT/AZ=37.6 172.0
fwAVG=2.11
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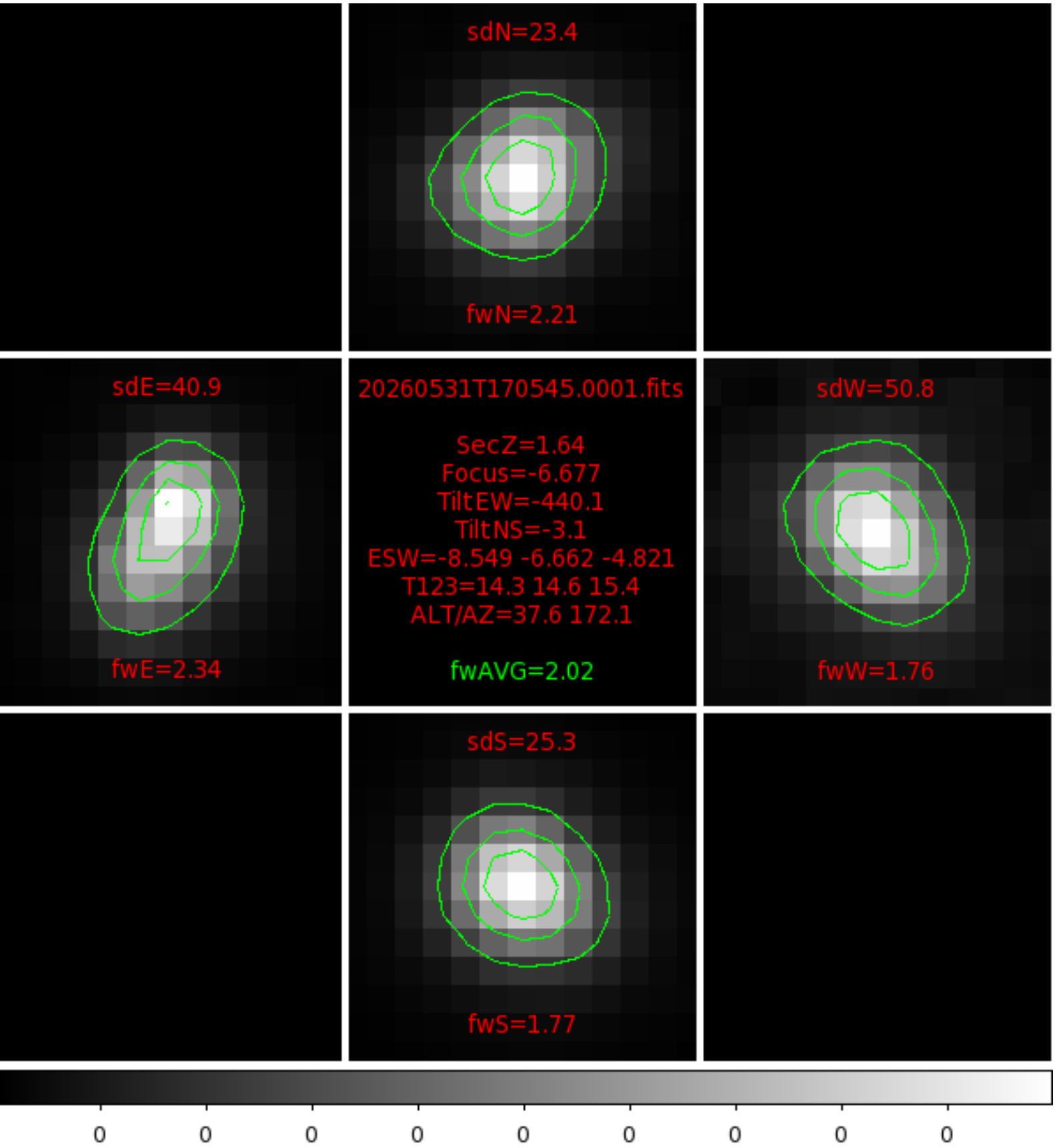
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Focus=-6.677
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.549 -6.662 -4.821
T123=14.3 14.6 15.4
ALT/AZ=37.6 172.1
fwAVG=2.02
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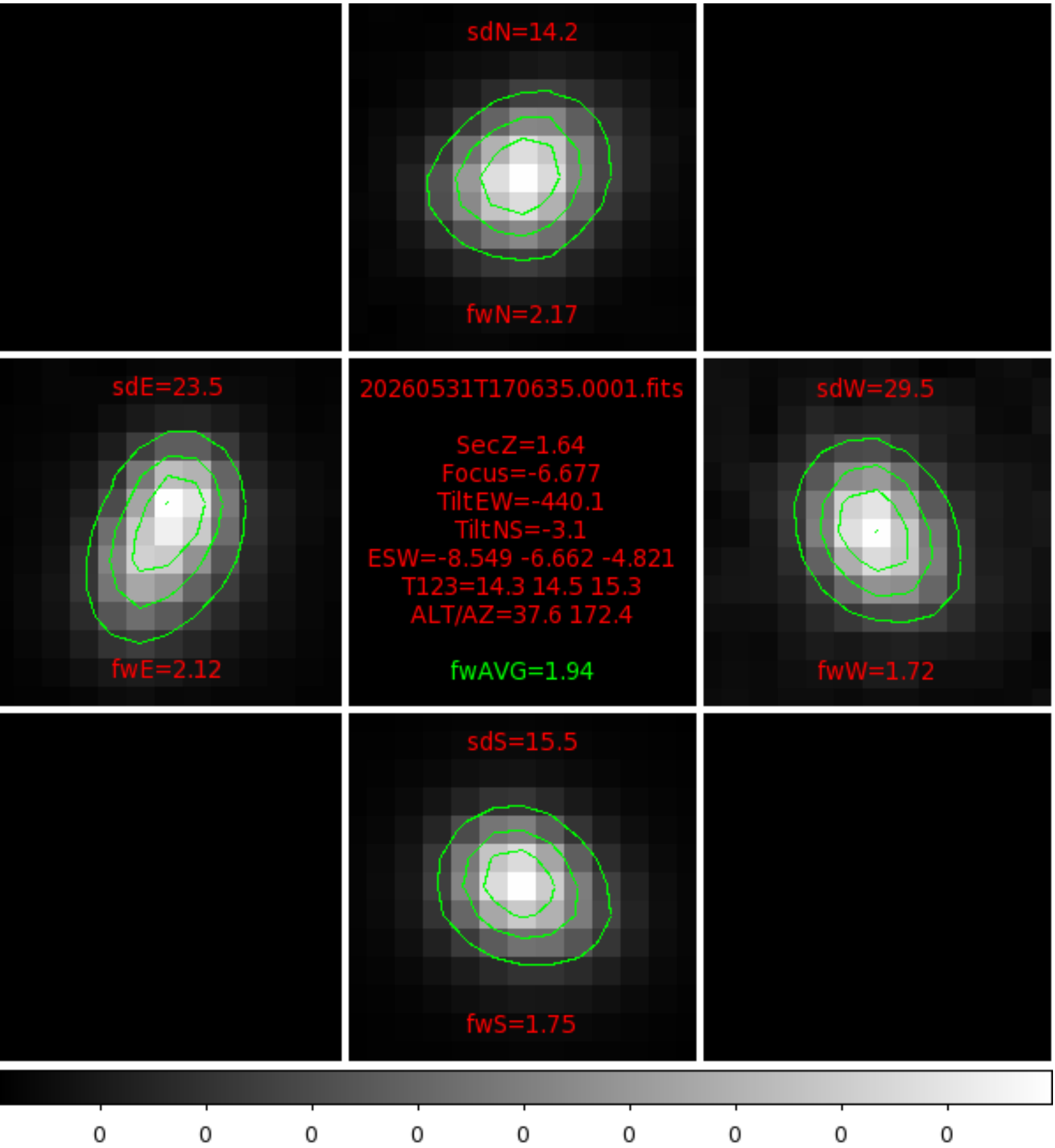
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SecZ=1.64
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TiltNS=-3.1
ESW=-8.549 -6.662 -4.821
T123=14.3 14.5 15.3
ALT/AZ=37.6 172.4
fwAVG=1.94
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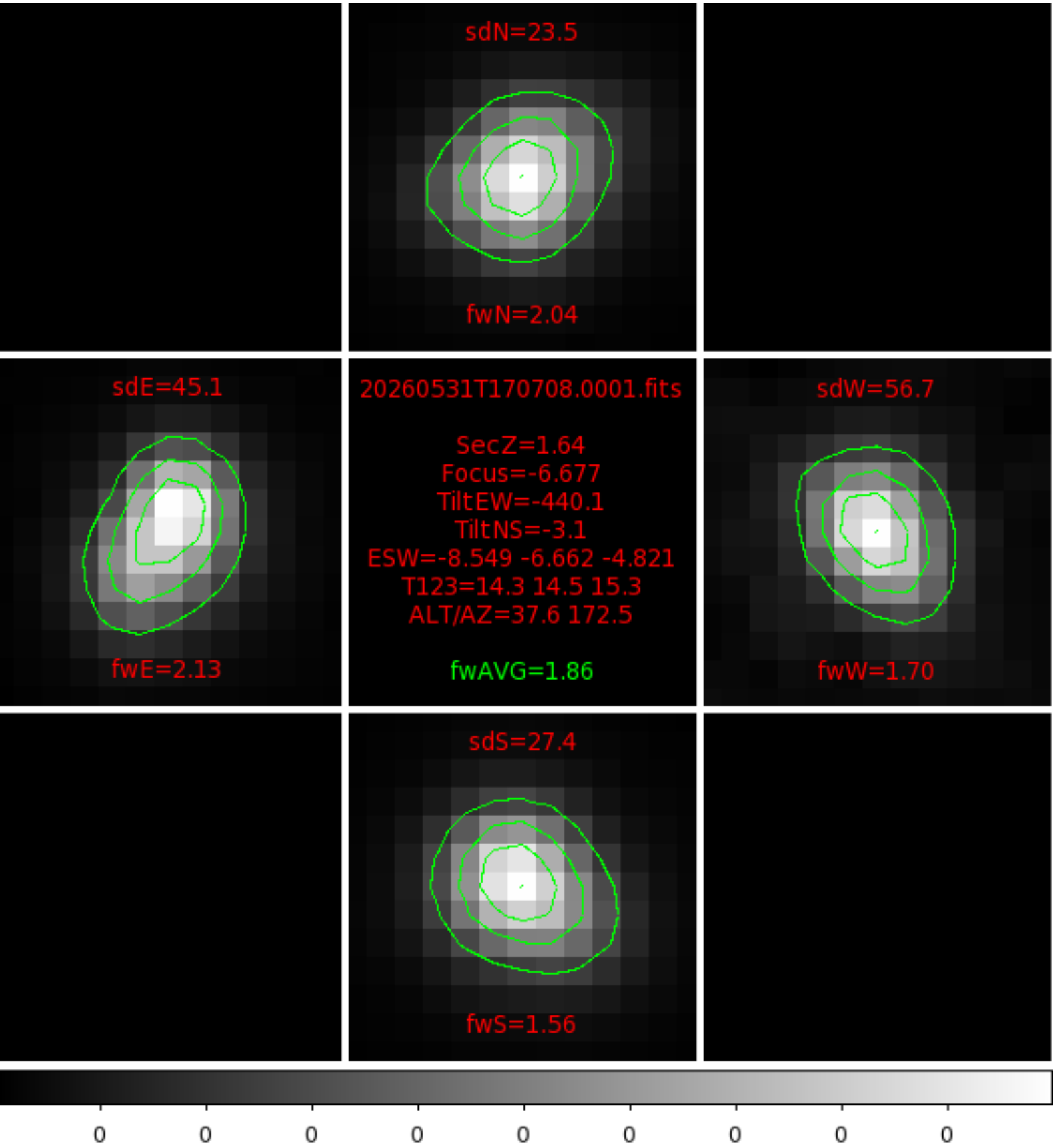
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SecZ=1.64
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TiltNS=-3.1
ESW=-8.549 -6.662 -4.821
T123=14.3 14.5 15.3
ALT/AZ=37.6 172.5
fwAVG=1.86
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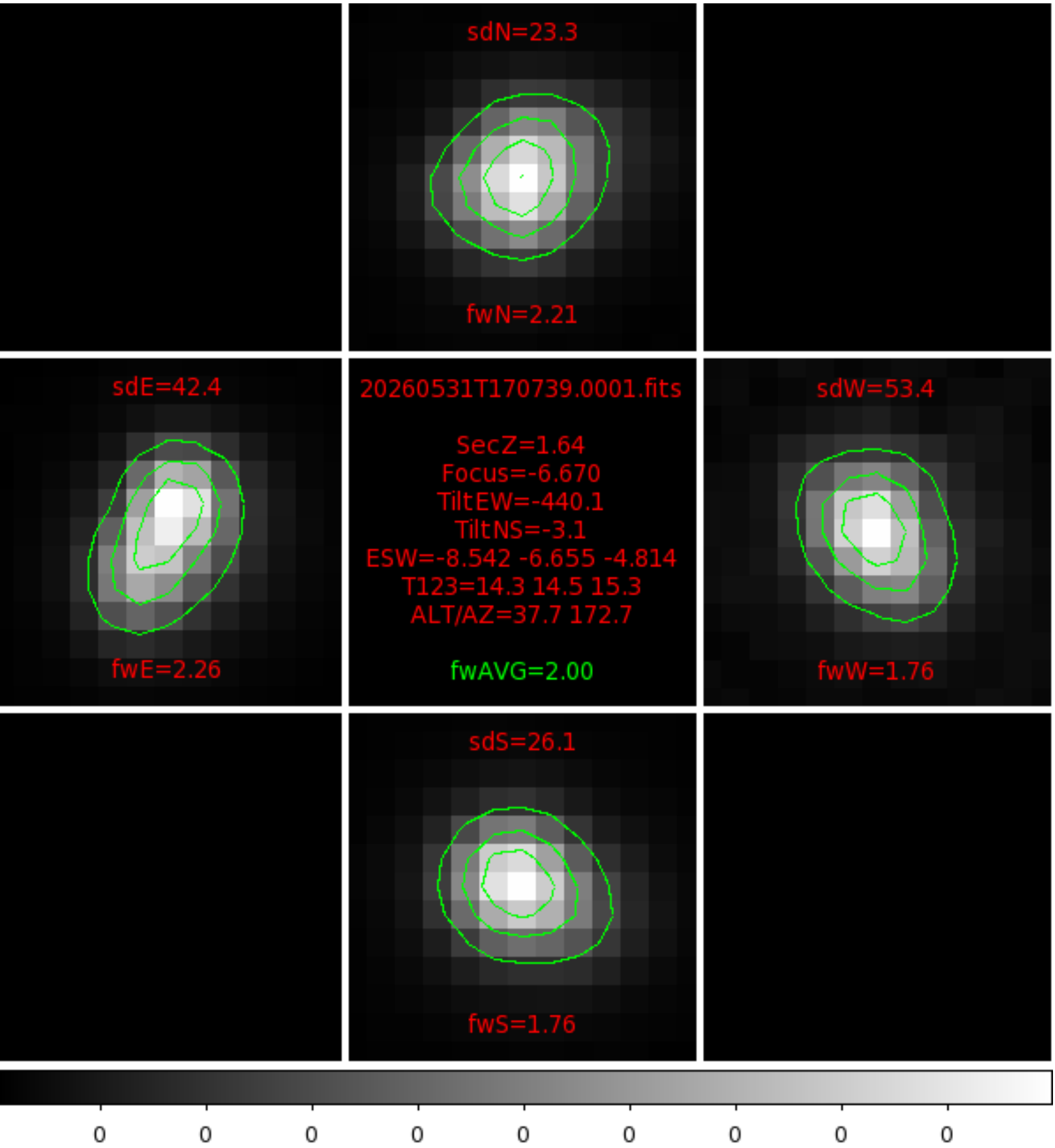
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SecZ=1.64
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.542 -6.655 -4.814
T123=14.3 14.5 15.3
ALT/AZ=37.7 172.7
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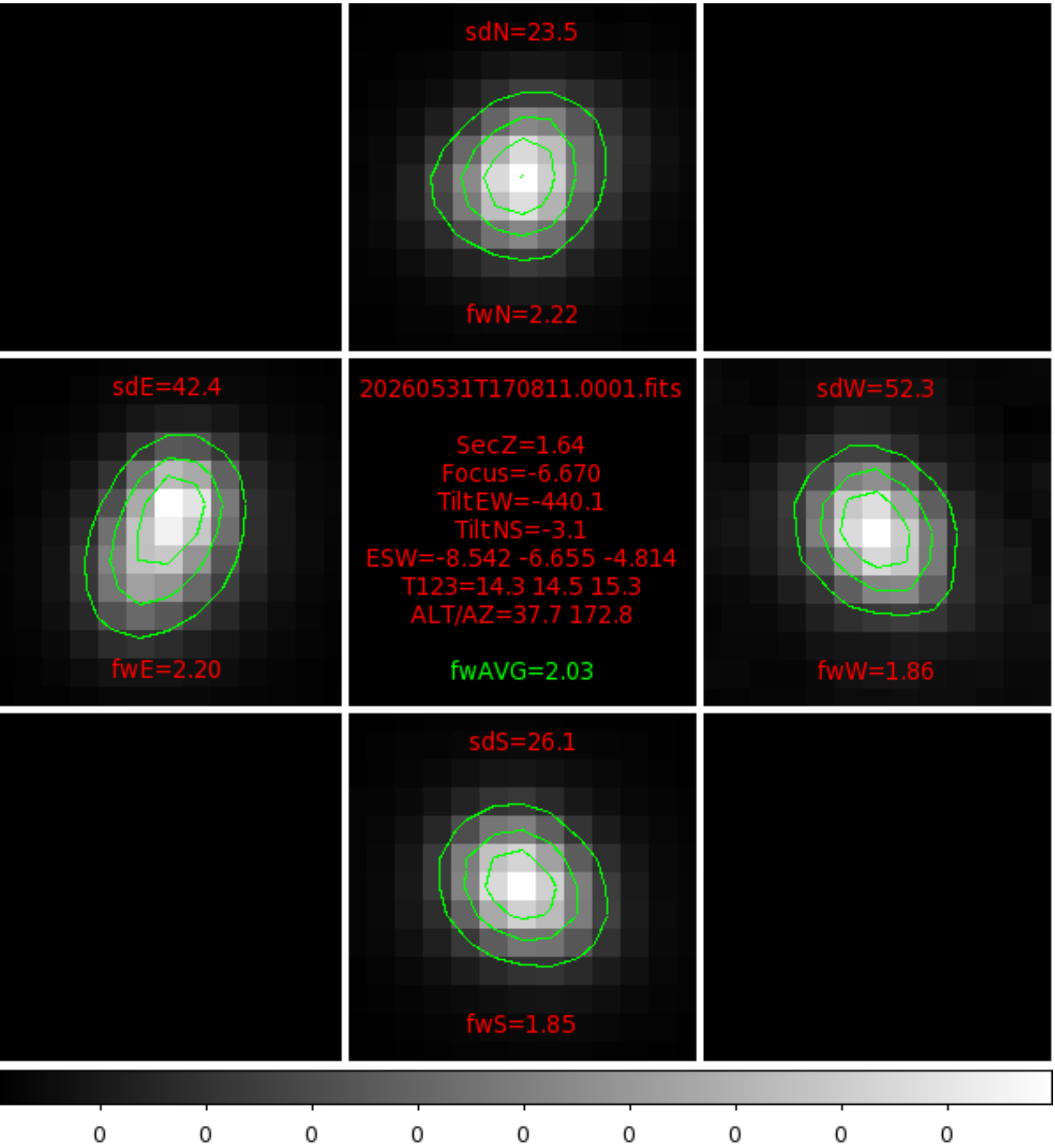
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SecZ=1.64
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.542 -6.655 -4.814
T123=14.3 14.5 15.3
ALT/AZ=37.7 172.8
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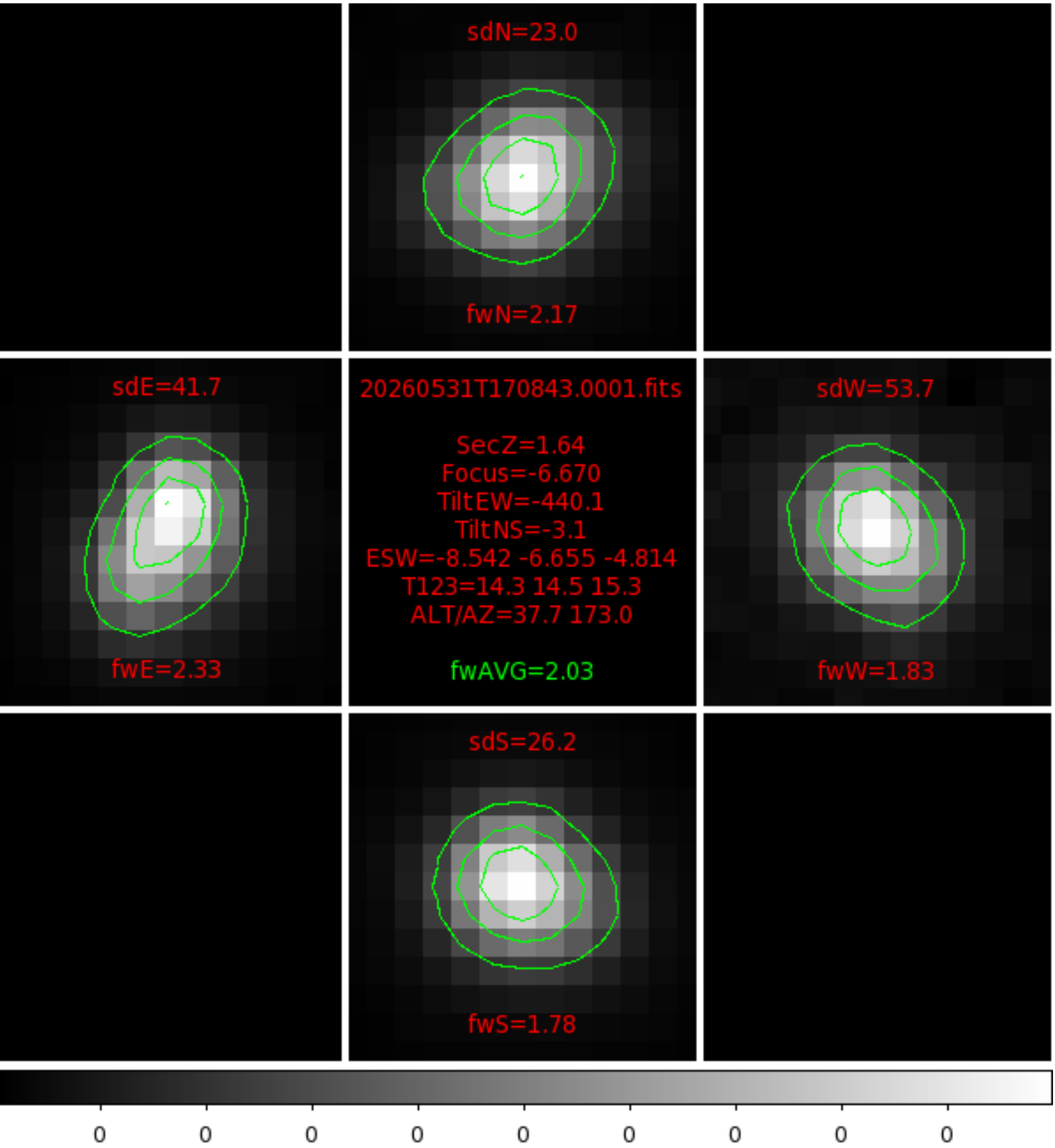
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SecZ=1.64
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TiltNS=-3.1
ESW=-8.542 -6.655 -4.814
T123=14.3 14.5 15.3
ALT/AZ=37.7 173.0
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sdW=53.7
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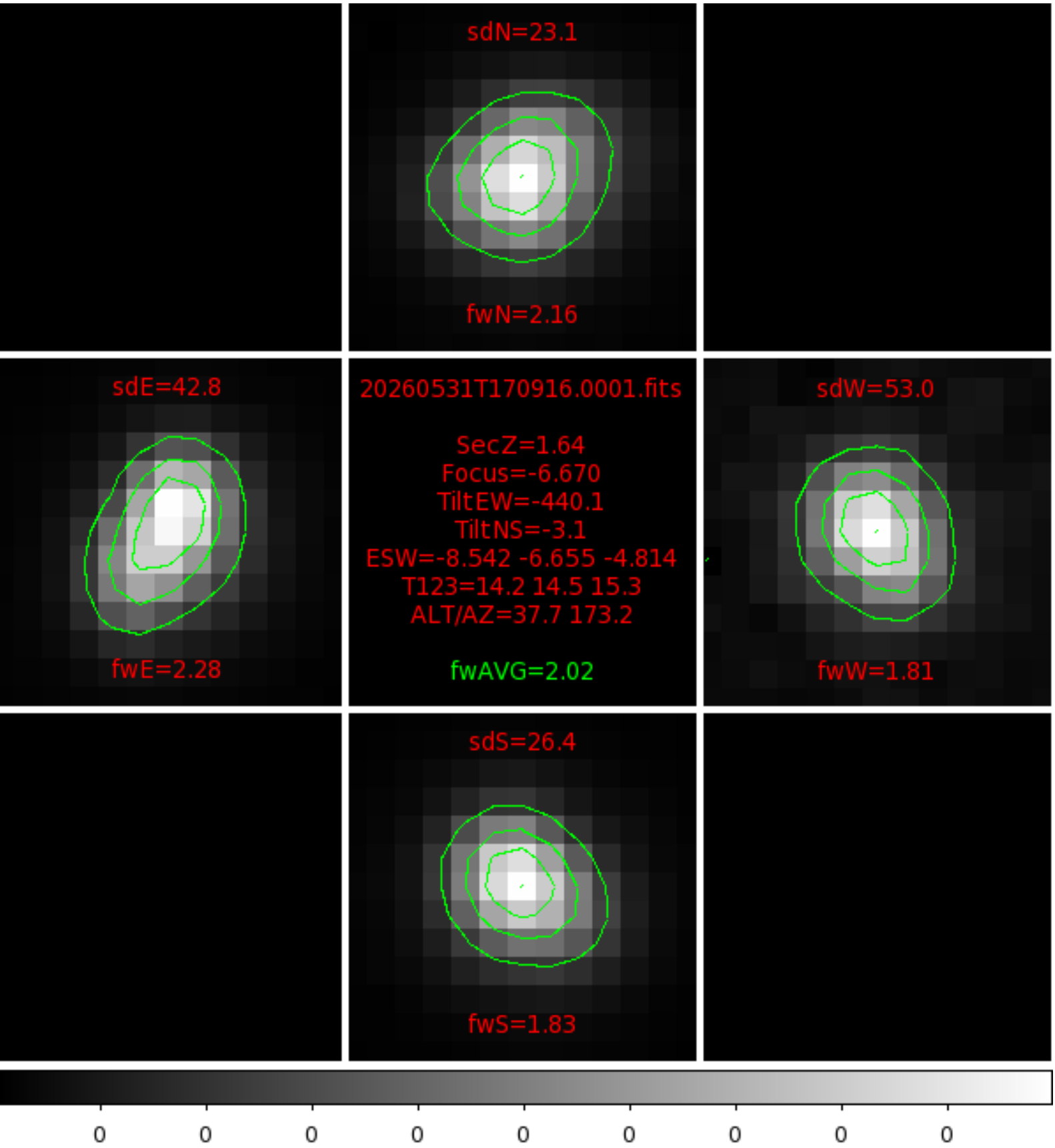
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TiltNS=-3.1
ESW=-8.542 -6.655 -4.814
T123=14.2 14.5 15.3
ALT/AZ=37.7 173.2
fwAVG=2.02
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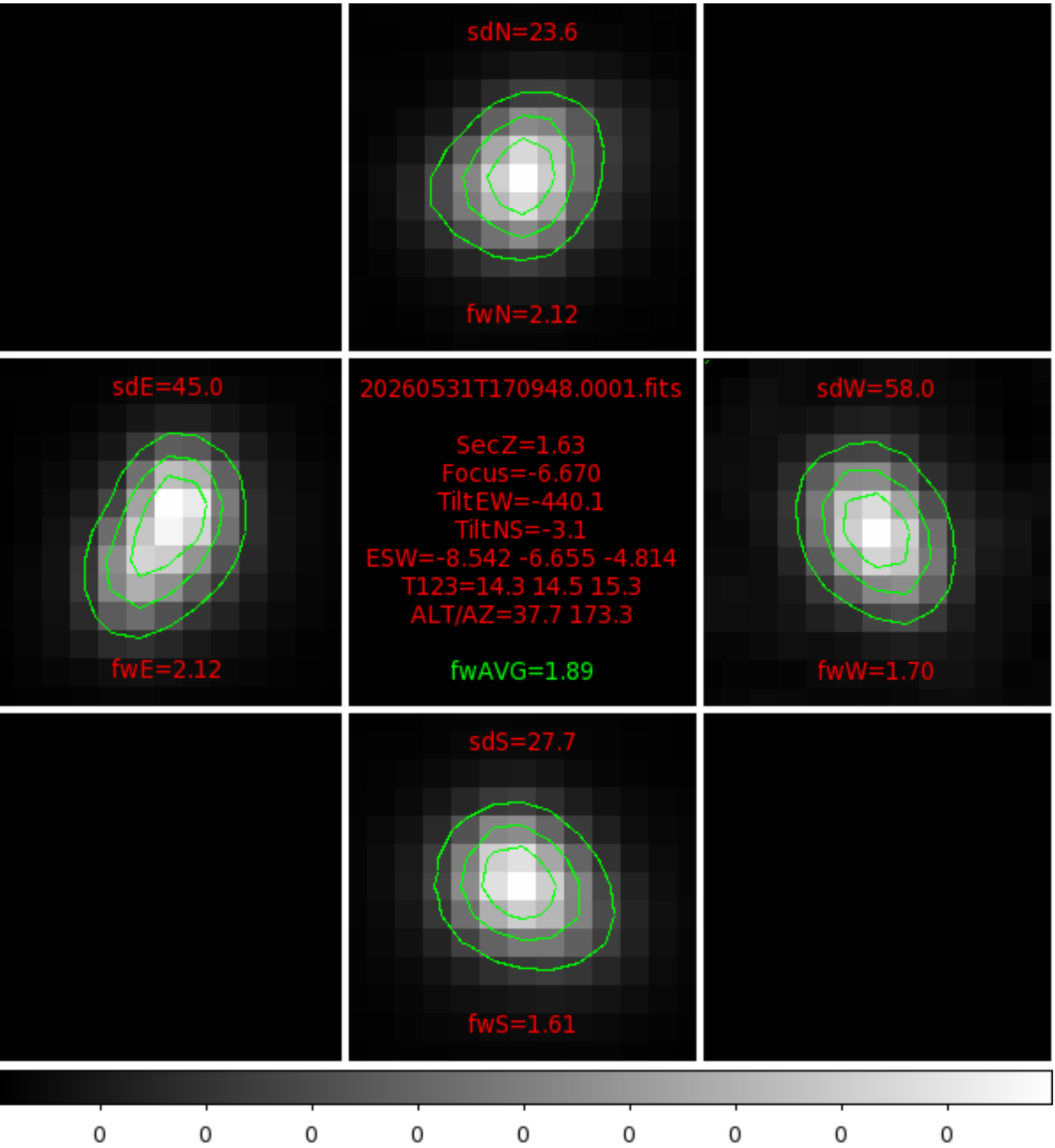
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SecZ=1.63
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TiltNS=-3.1
ESW=-8.542 -6.655 -4.814
T123=14.3 14.5 15.3
ALT/AZ=37.7 173.3
fwAVG=1.89
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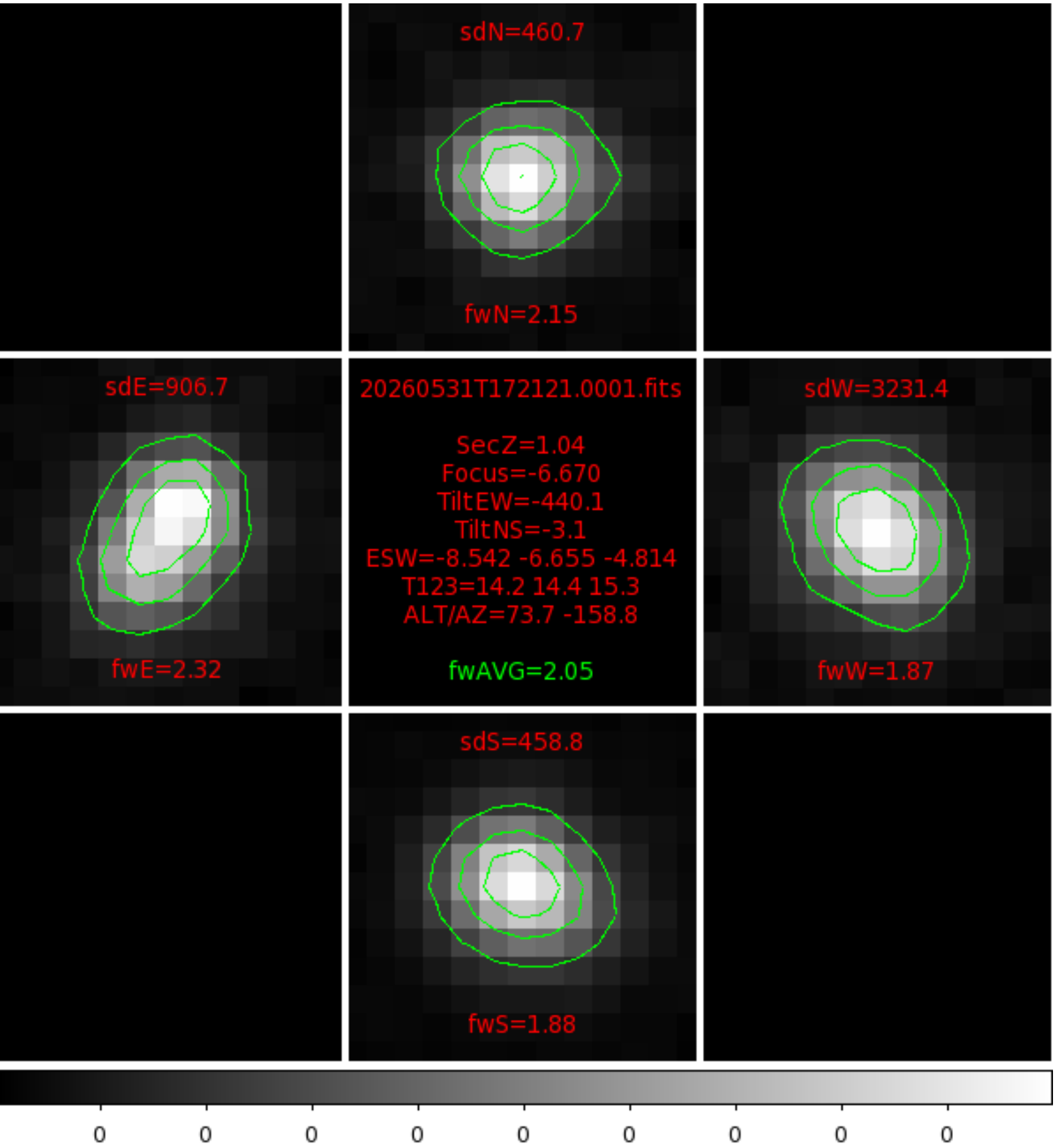
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TiltNS=-3.1
ESW=-8.542 -6.655 -4.814
T123=14.2 14.4 15.3
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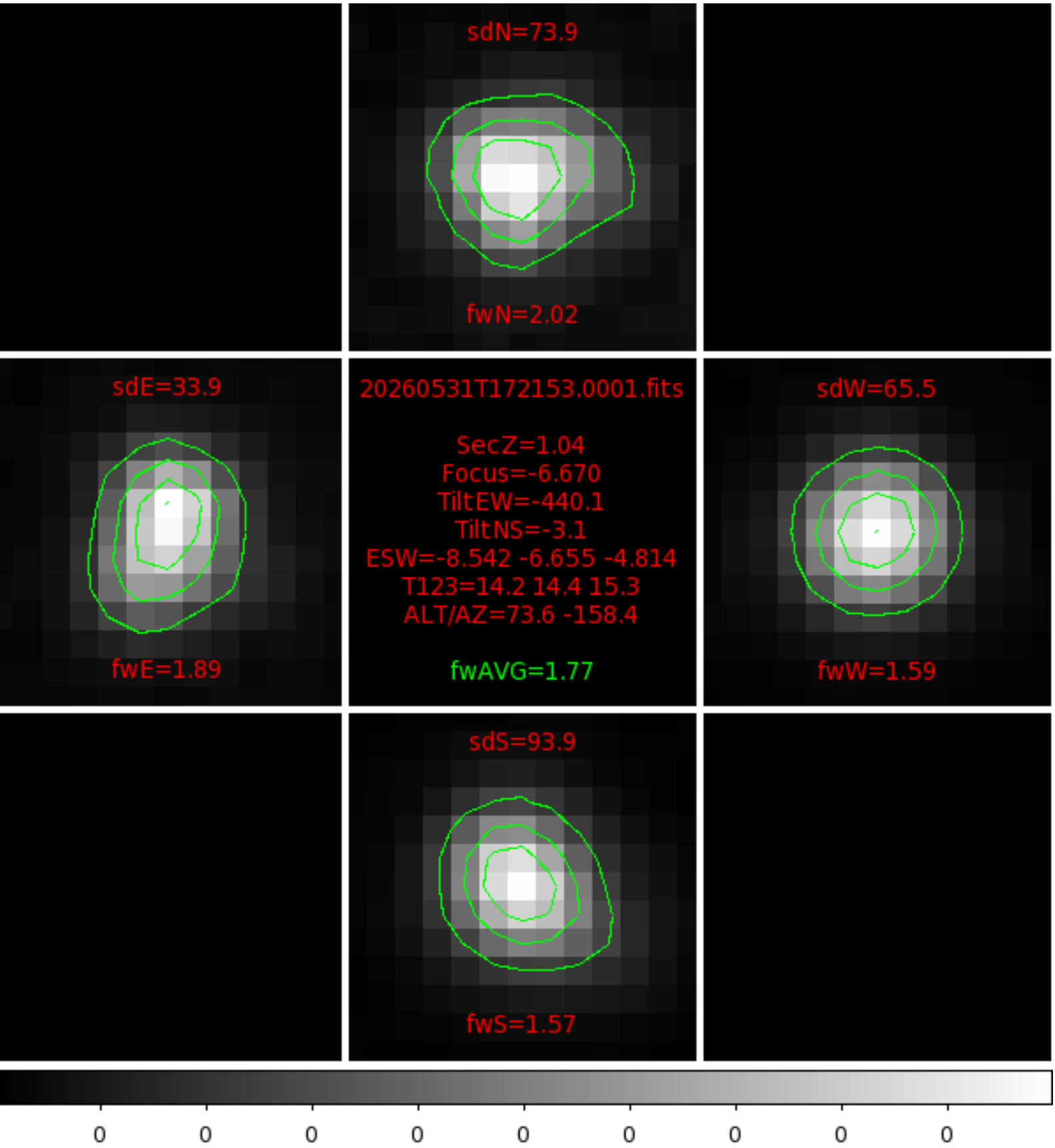
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SecZ=1.04
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TiltNS=-3.1
ESW=-8.542 -6.655 -4.814
T123=14.2 14.4 15.3
ALT/AZ=73.6 -158.4
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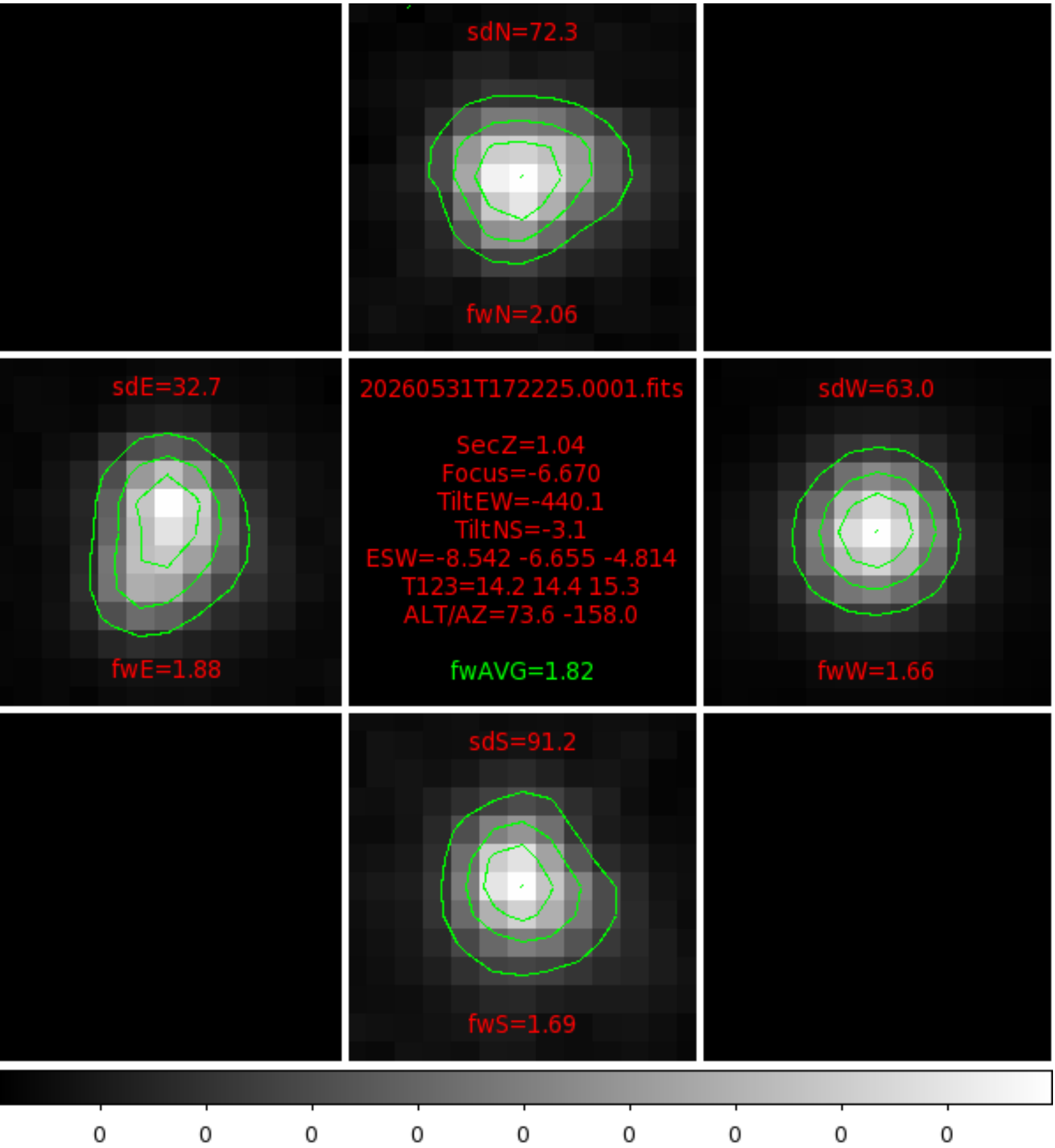
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SecZ=1.04
Focus=-6.670
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.542 -6.655 -4.814
T123=14.2 14.4 15.3
ALT/AZ=73.6 -158.0
fwAVG=1.82
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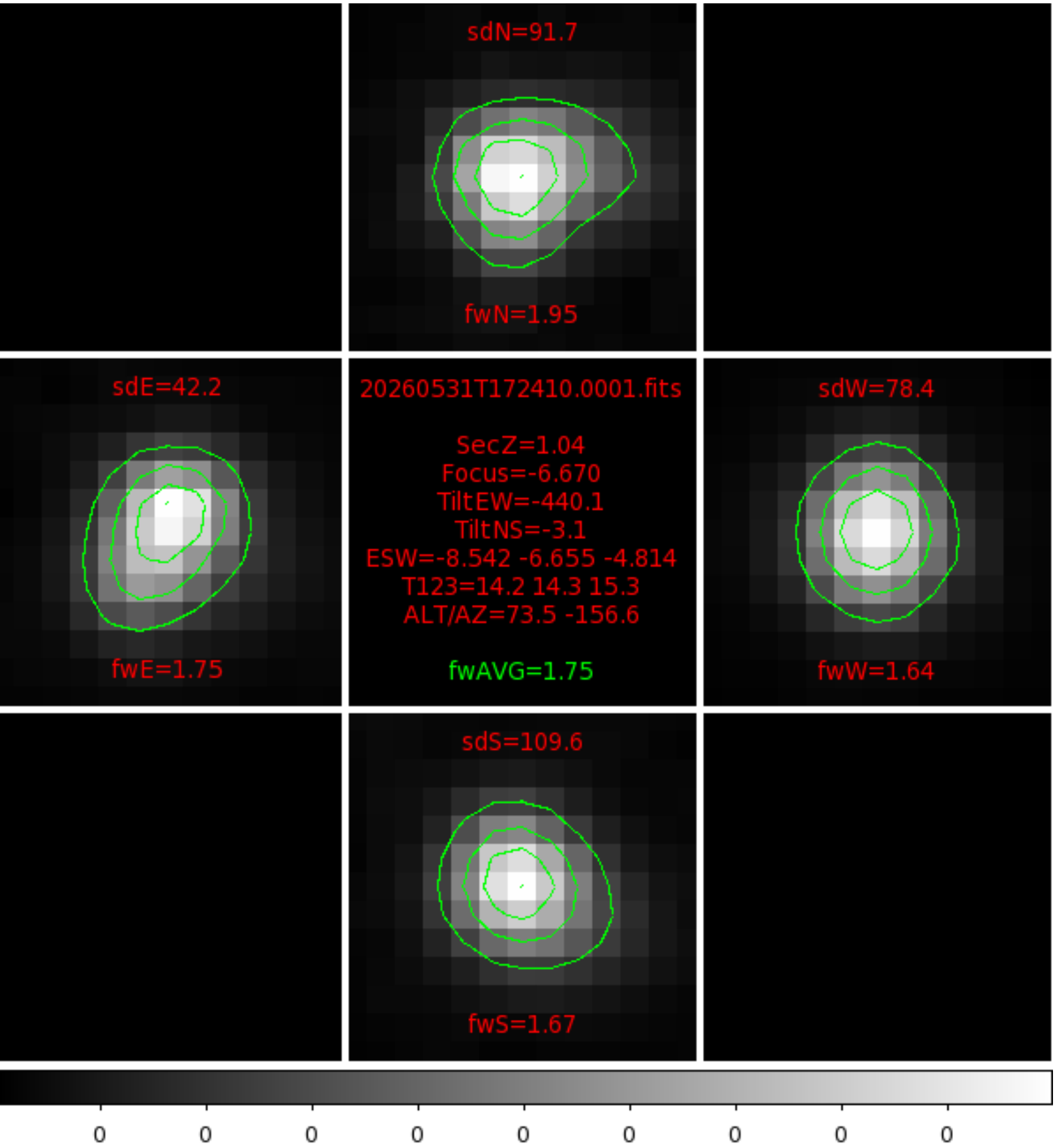
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20260531T172410.0001.fits
SecZ=1.04
Focus=-6.670
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.542 -6.655 -4.814
T123=14.2 14.3 15.3
ALT/AZ=73.5 -156.6
fwAVG=1.75
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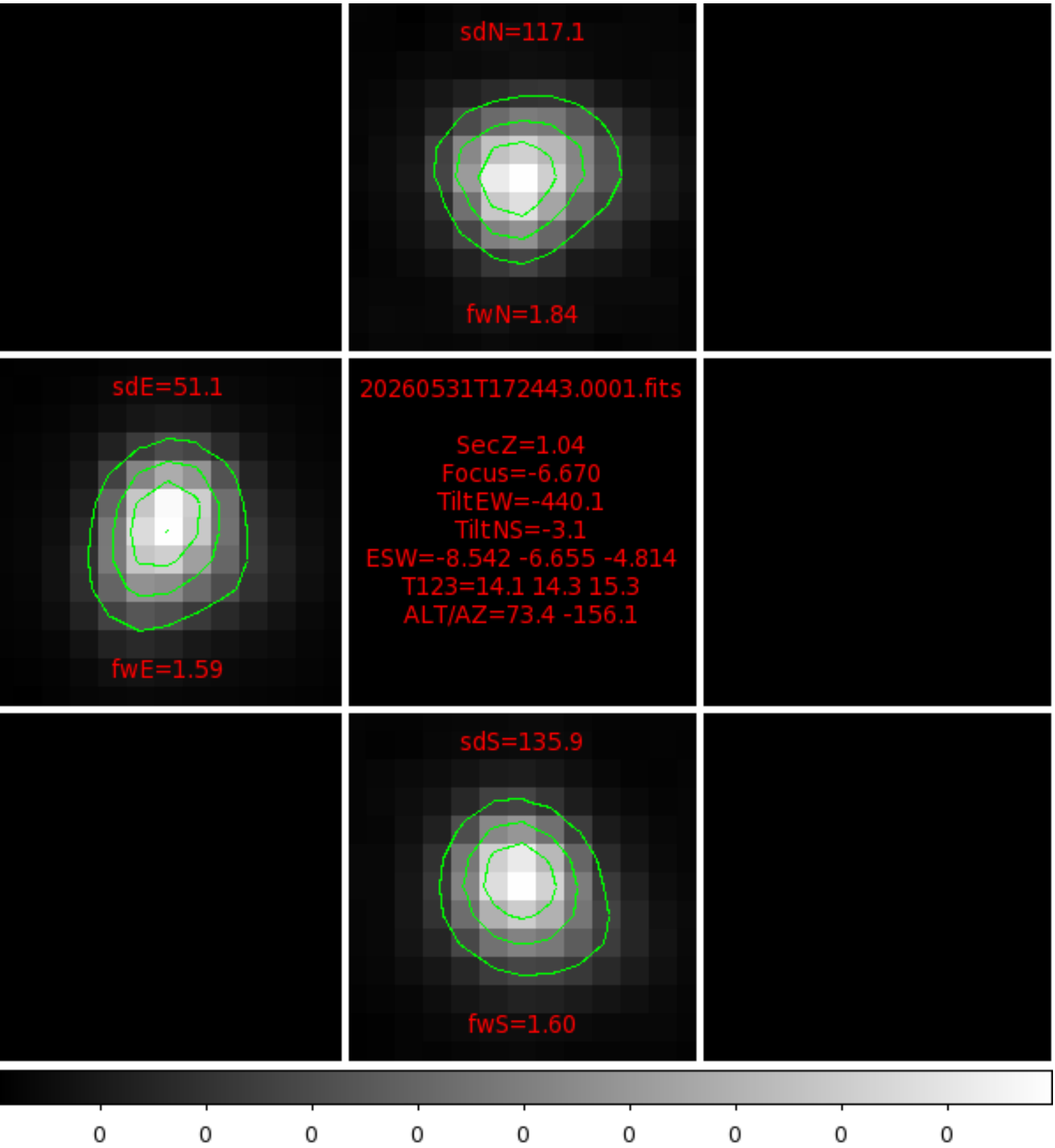
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SecZ=1.04
Focus=-6.670
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.542 -6.655 -4.814
T123=14.1 14.3 15.3
ALT/AZ=73.4 -156.1
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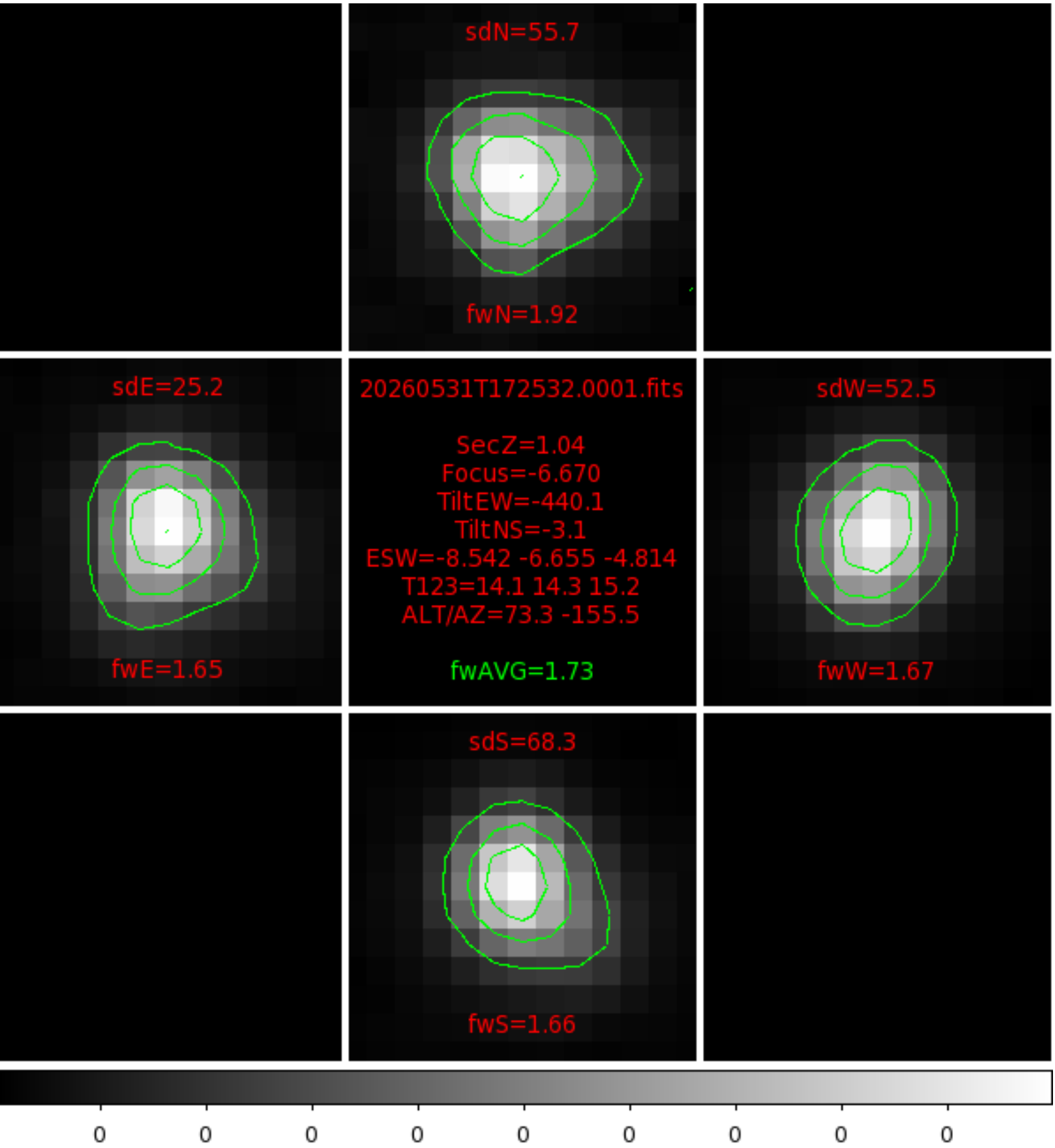
sdN=55.7
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20260531T172532.0001.fits
SecZ=1.04
Focus=-6.670
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.542 -6.655 -4.814
T123=14.1 14.3 15.2
ALT/AZ=73.3 -155.5
fwAVG=1.73
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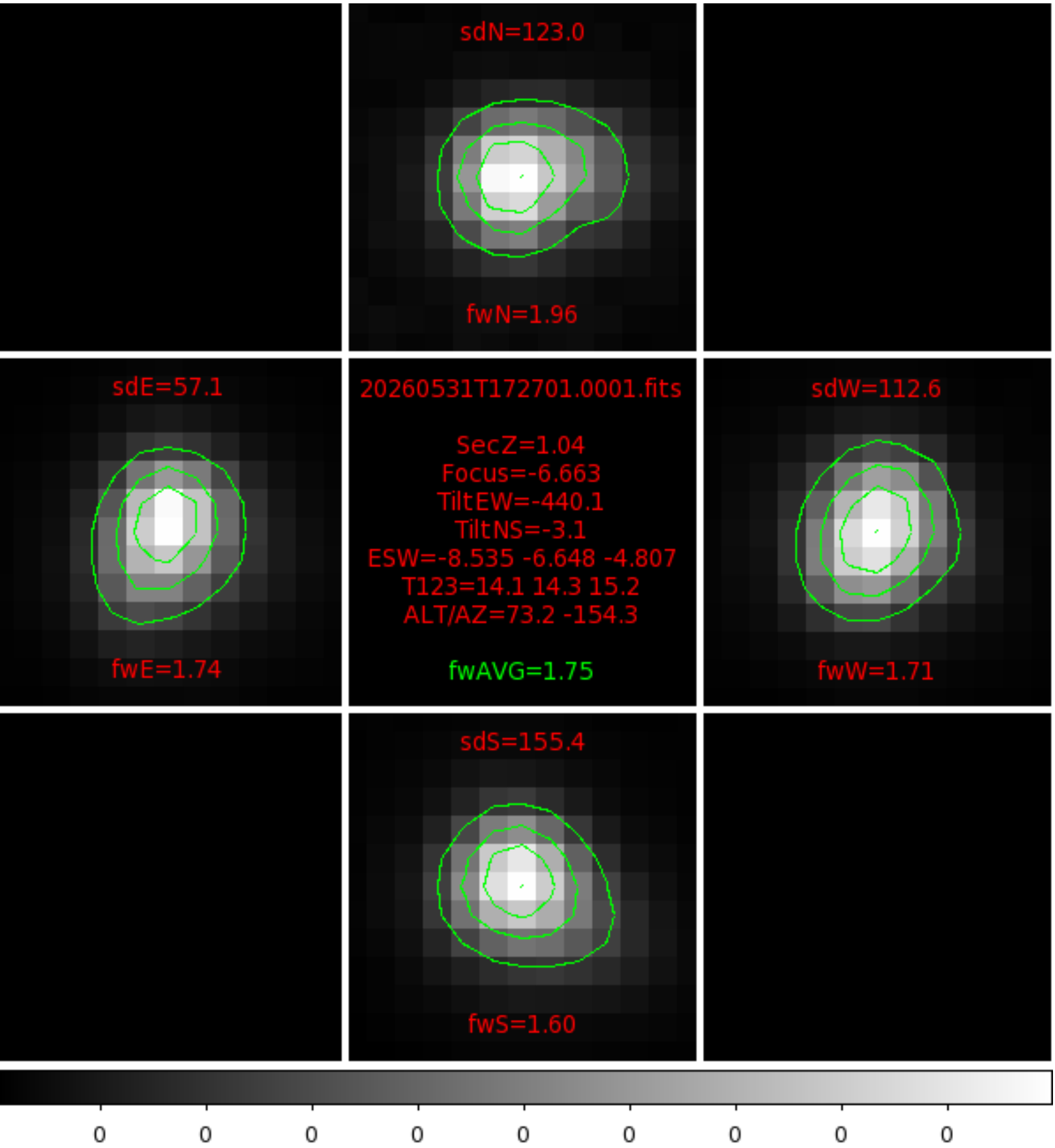
sdN=123.0
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20260531T172701.0001.fits
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Focus=-6.663
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.535 -6.648 -4.807
T123=14.1 14.3 15.2
ALT/AZ=73.2 -154.3
fwAVG=1.75
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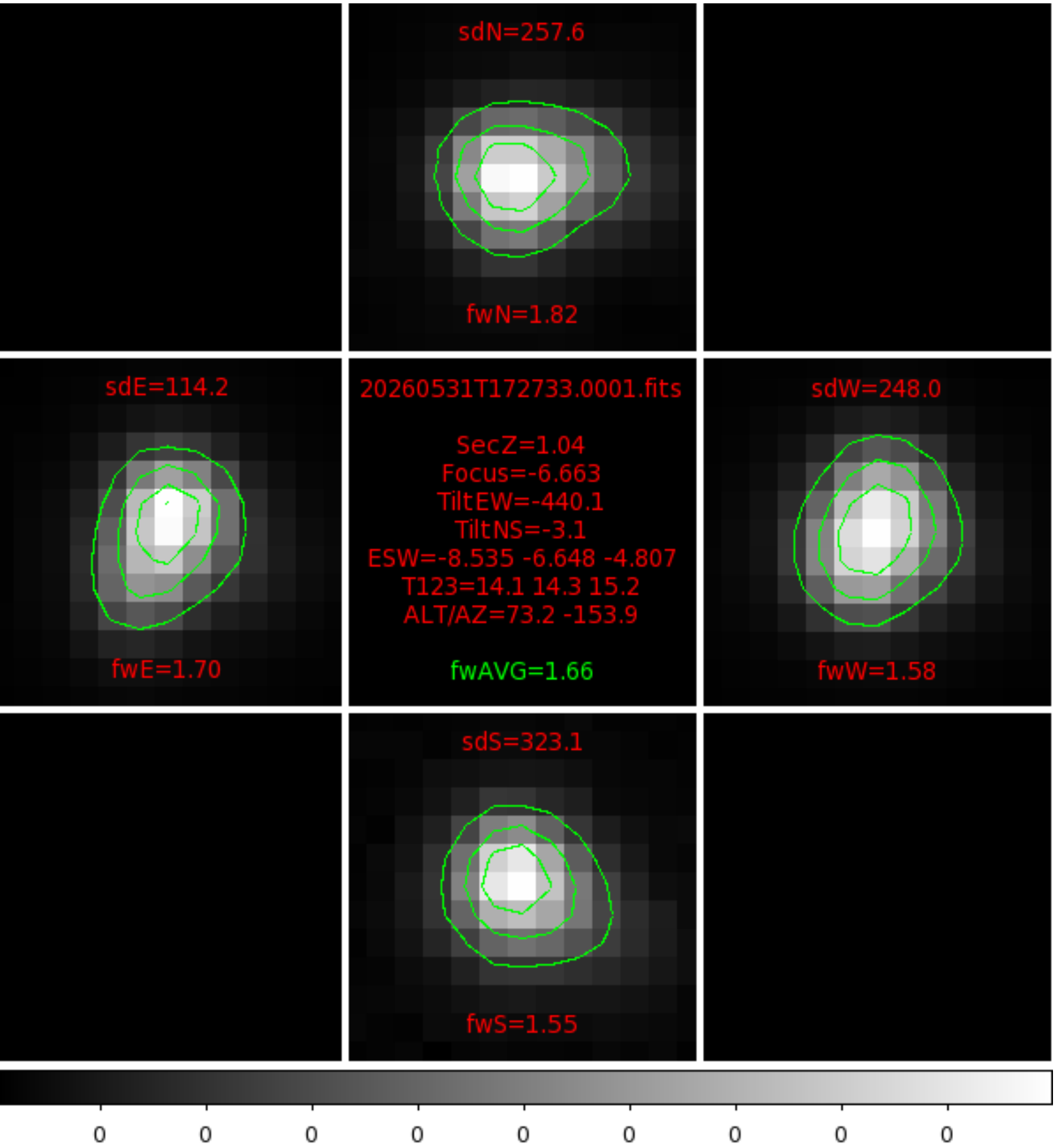
sdN=257.6
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.535 -6.648 -4.807
T123=14.1 14.3 15.2
ALT/AZ=73.2 -153.9
fwAVG=1.66
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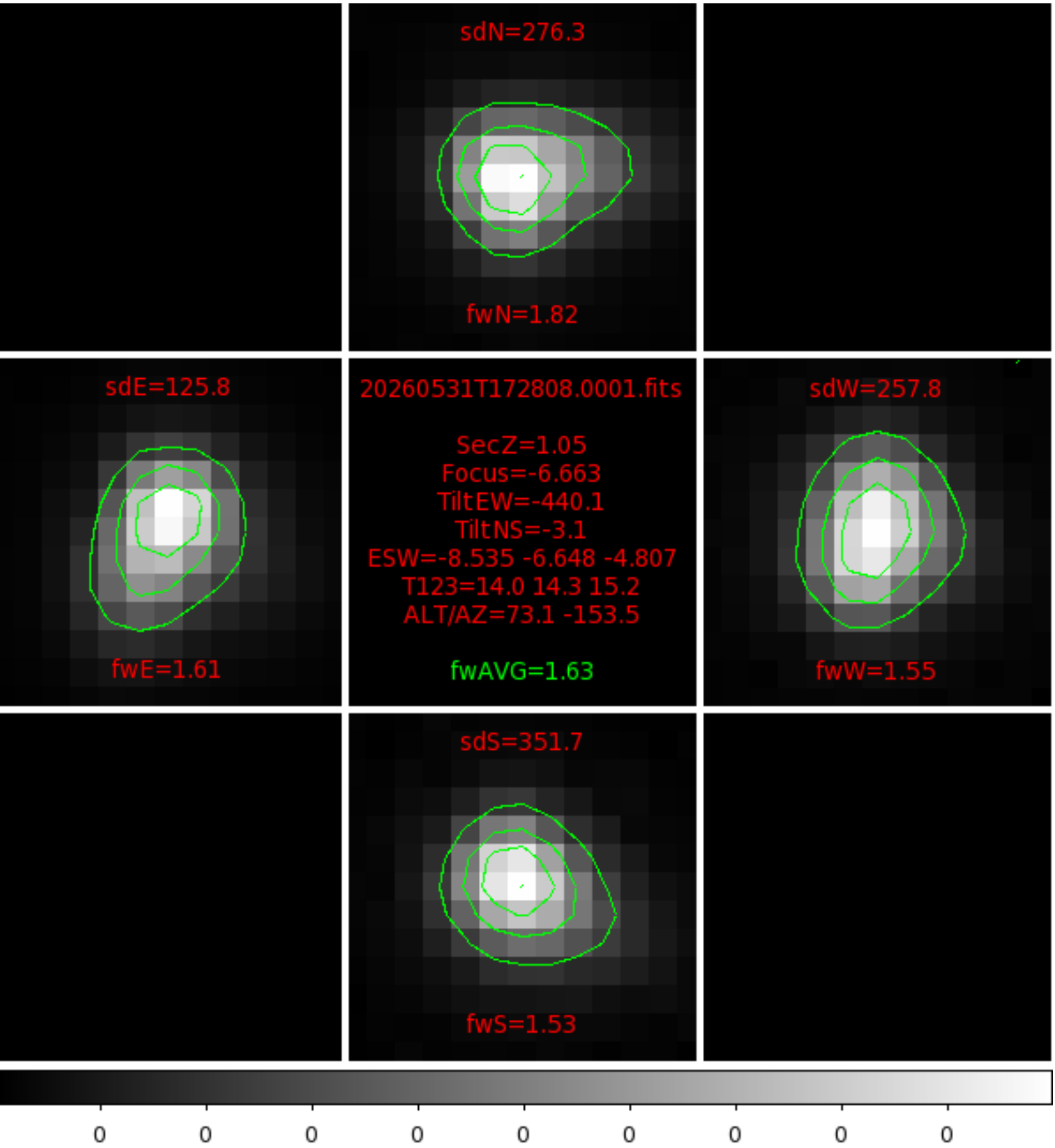
sdN=276.3
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Focus=-6.663
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.535 -6.648 -4.807
T123=14.0 14.3 15.2
ALT/AZ=73.1 -153.5
fwAVG=1.63
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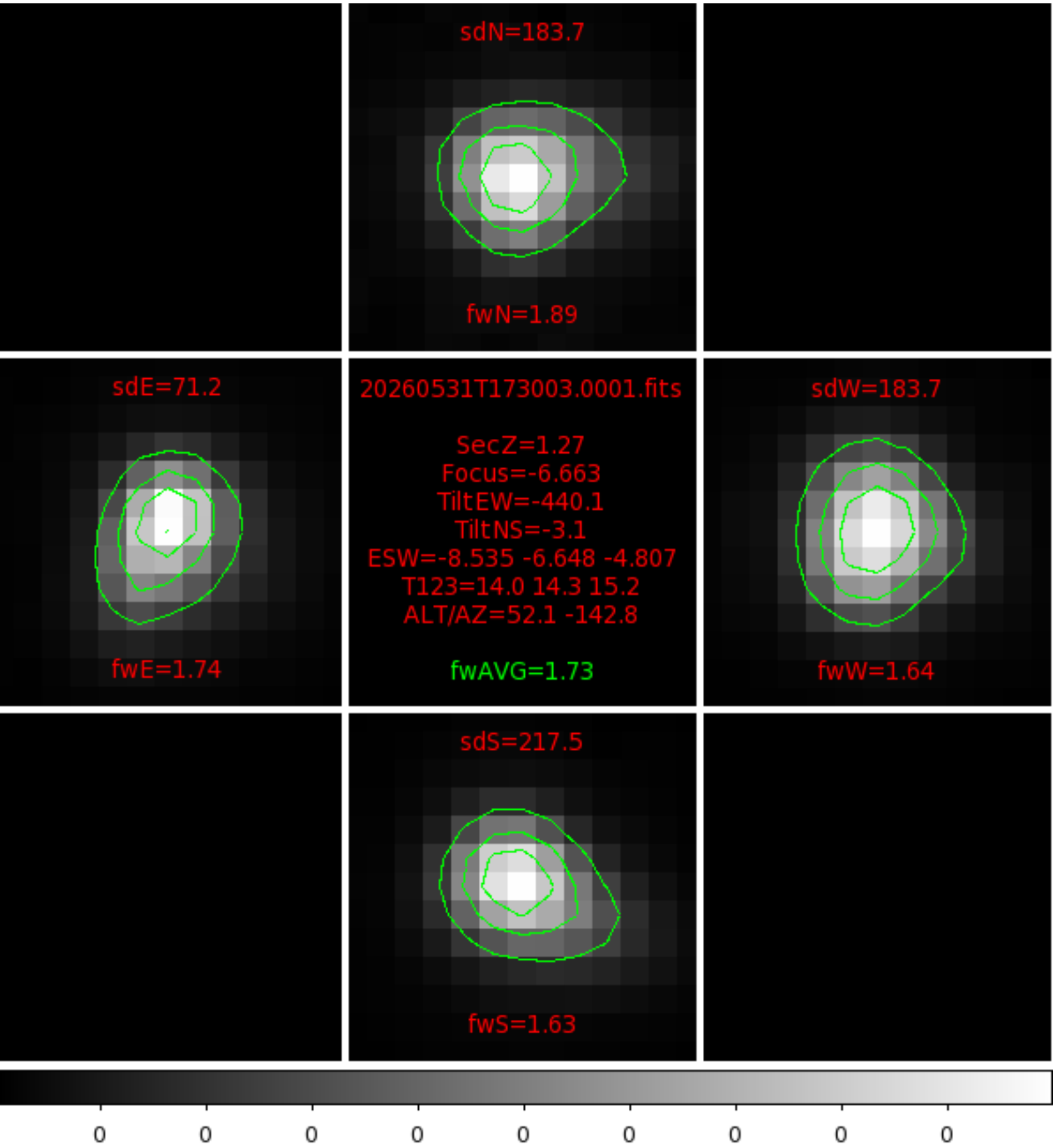
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.535 -6.648 -4.807
T123=14.0 14.3 15.2
ALT/AZ=52.1 -142.8
fwAVG=1.73
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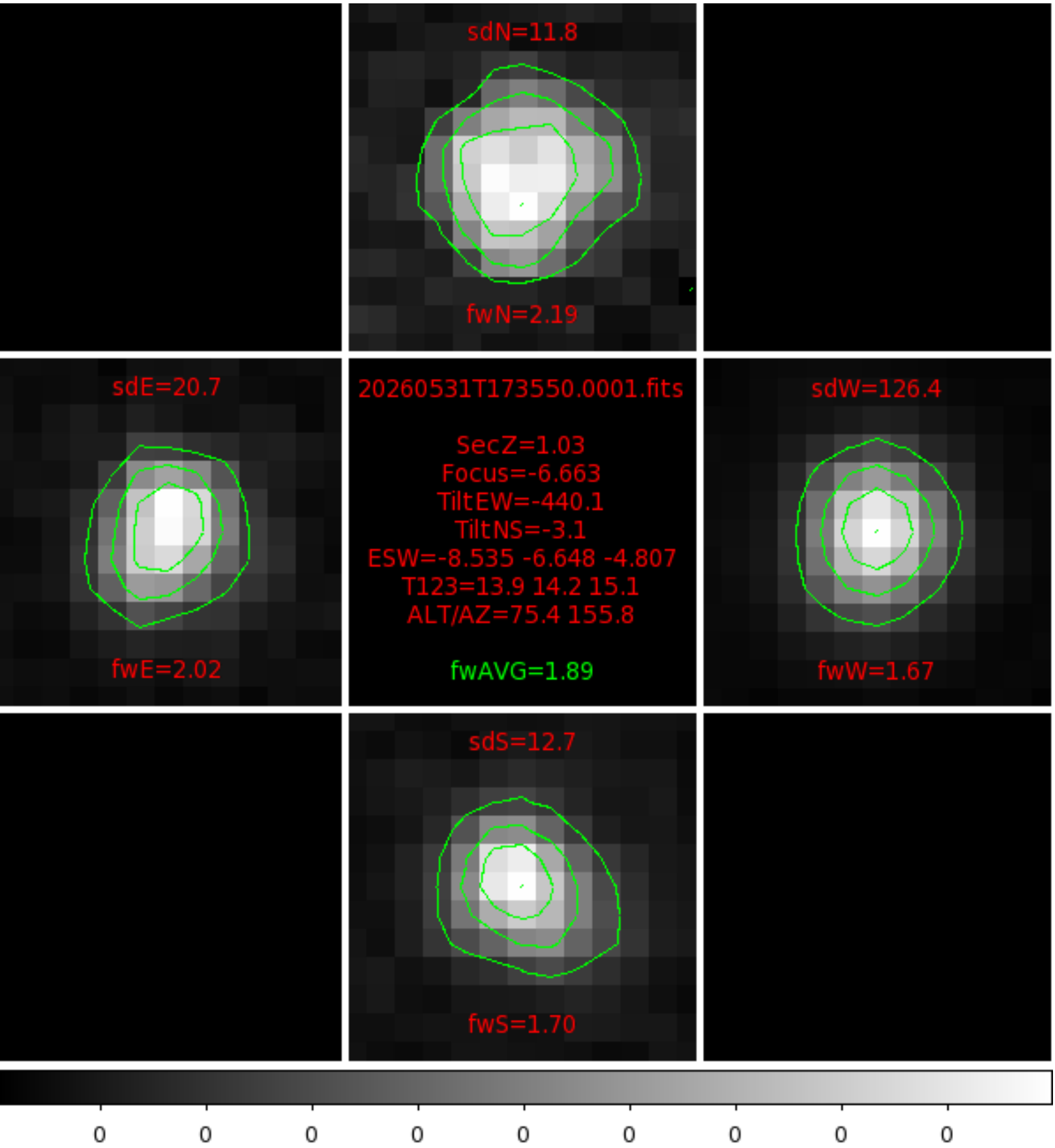
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.535 -6.648 -4.807
T123=13.9 14.2 15.1
ALT/AZ=75.4 155.8
fwAVG=1.89
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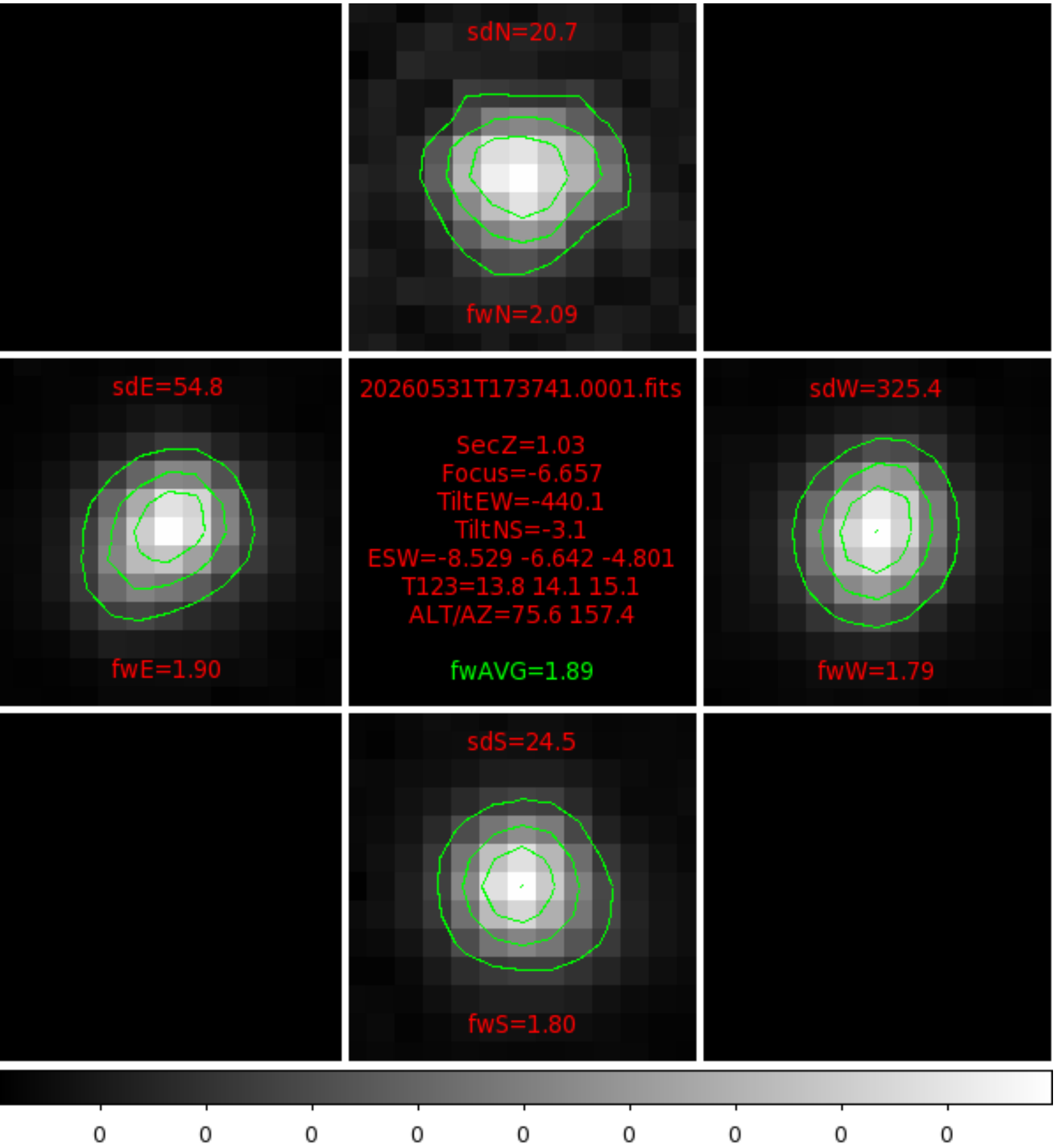
sdN=20.7
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SecZ=1.03
Focus=-6.657
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.529 -6.642 -4.801
T123=13.8 14.1 15.1
ALT/AZ=75.6 157.4
fwAVG=1.89
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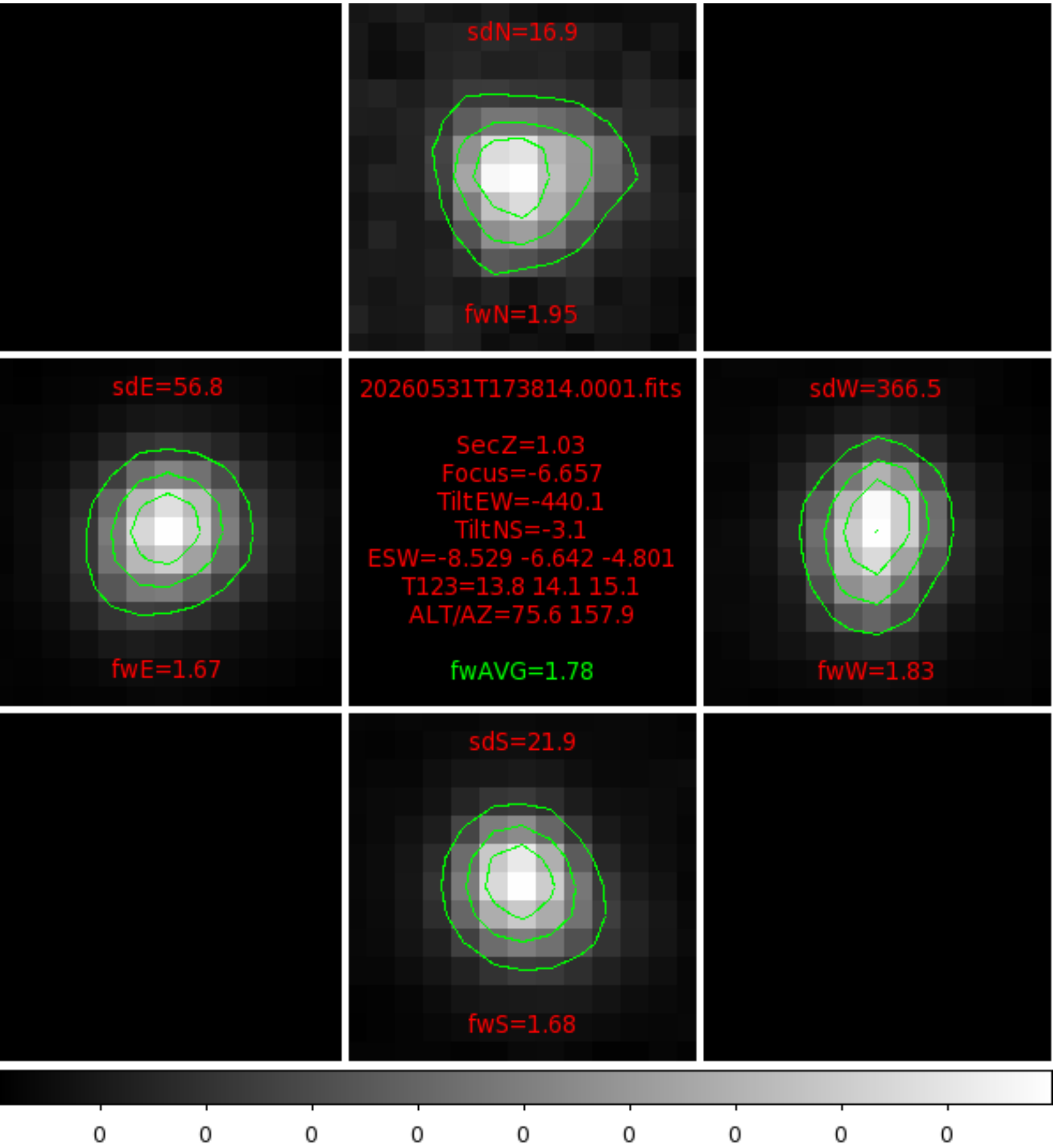
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Focus=-6.657
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.529 -6.642 -4.801
T123=13.8 14.1 15.1
ALT/AZ=75.6 157.9
fwAVG=1.78
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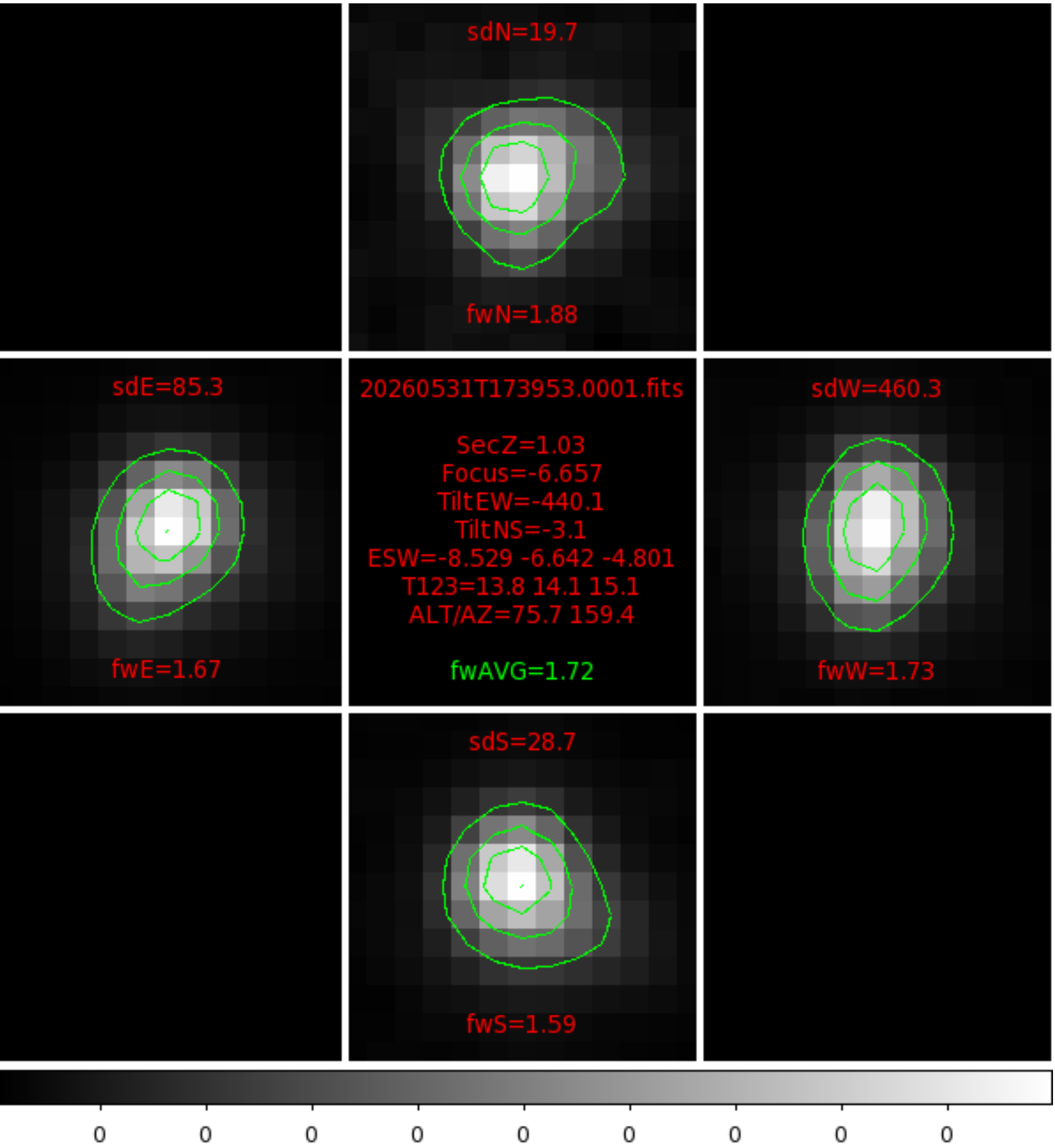
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SecZ=1.03
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.529 -6.642 -4.801
T123=13.8 14.1 15.1
ALT/AZ=75.7 159.4
fwAVG=1.72
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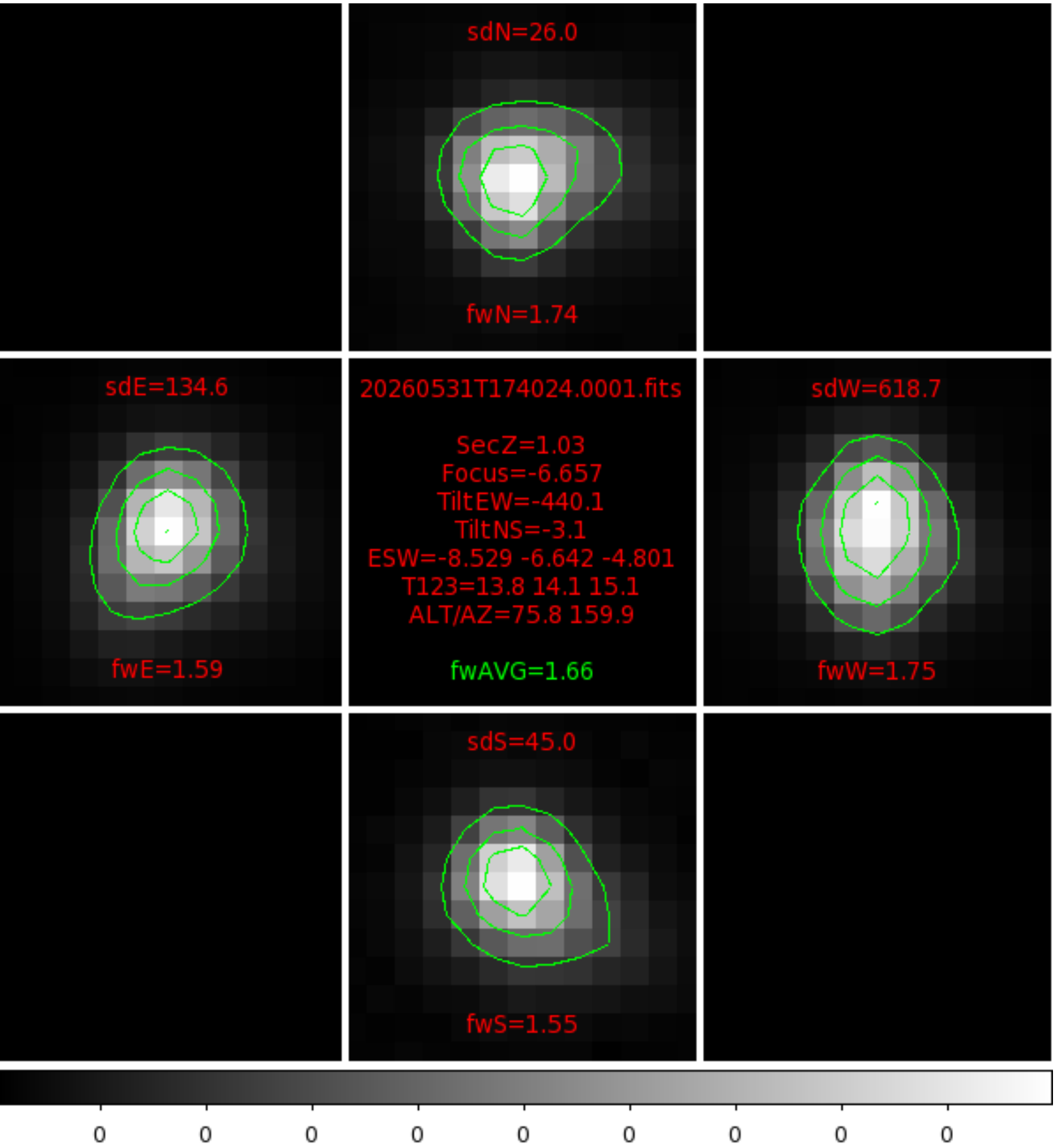
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20260531T174024.0001.fits
SecZ=1.03
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ESW=-8.529 -6.642 -4.801
T123=13.8 14.1 15.1
ALT/AZ=75.8 159.9
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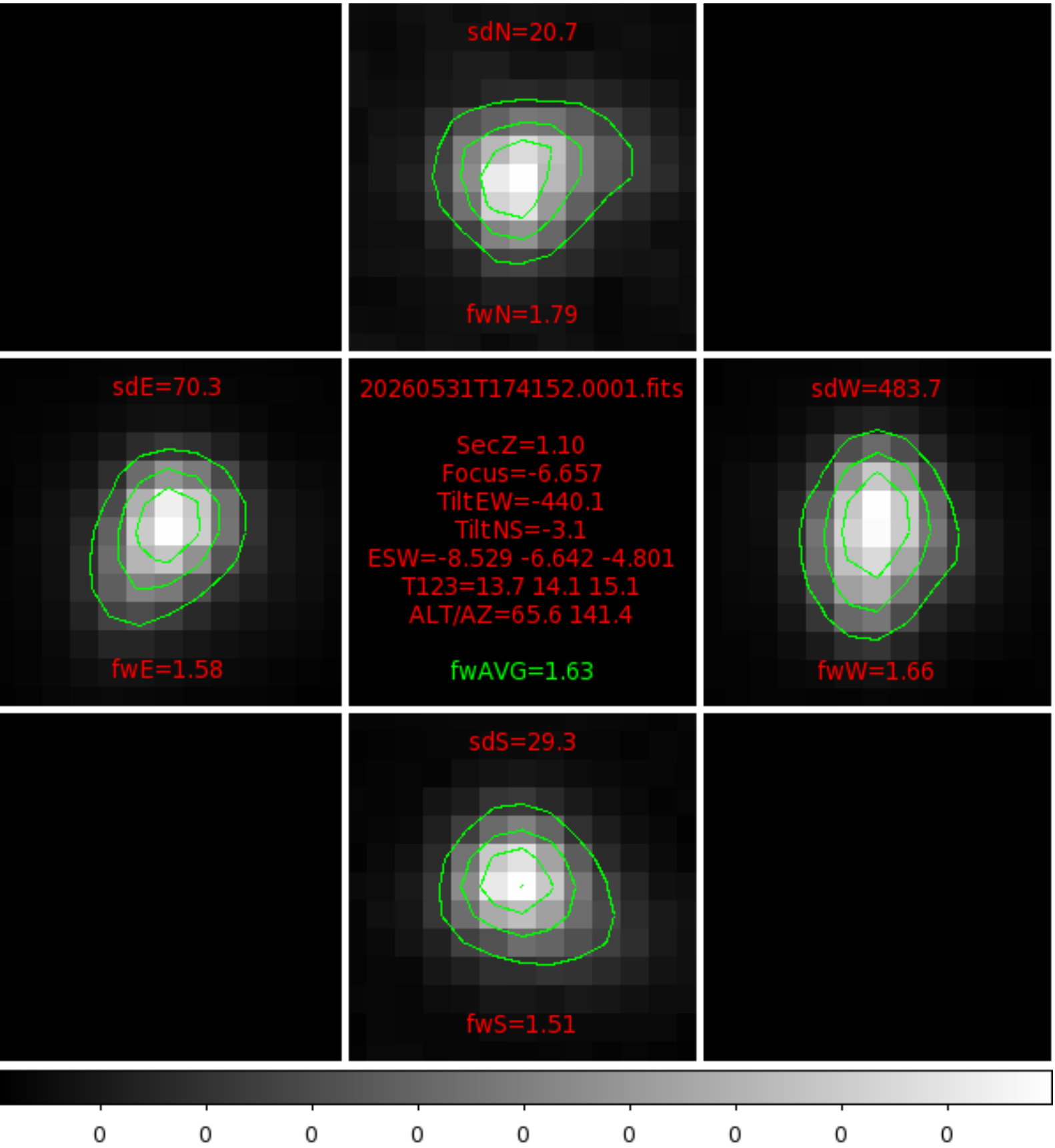
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SecZ=1.10
Focus=-6.657
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.529 -6.642 -4.801
T123=13.7 14.1 15.1
ALT/AZ=65.6 141.4
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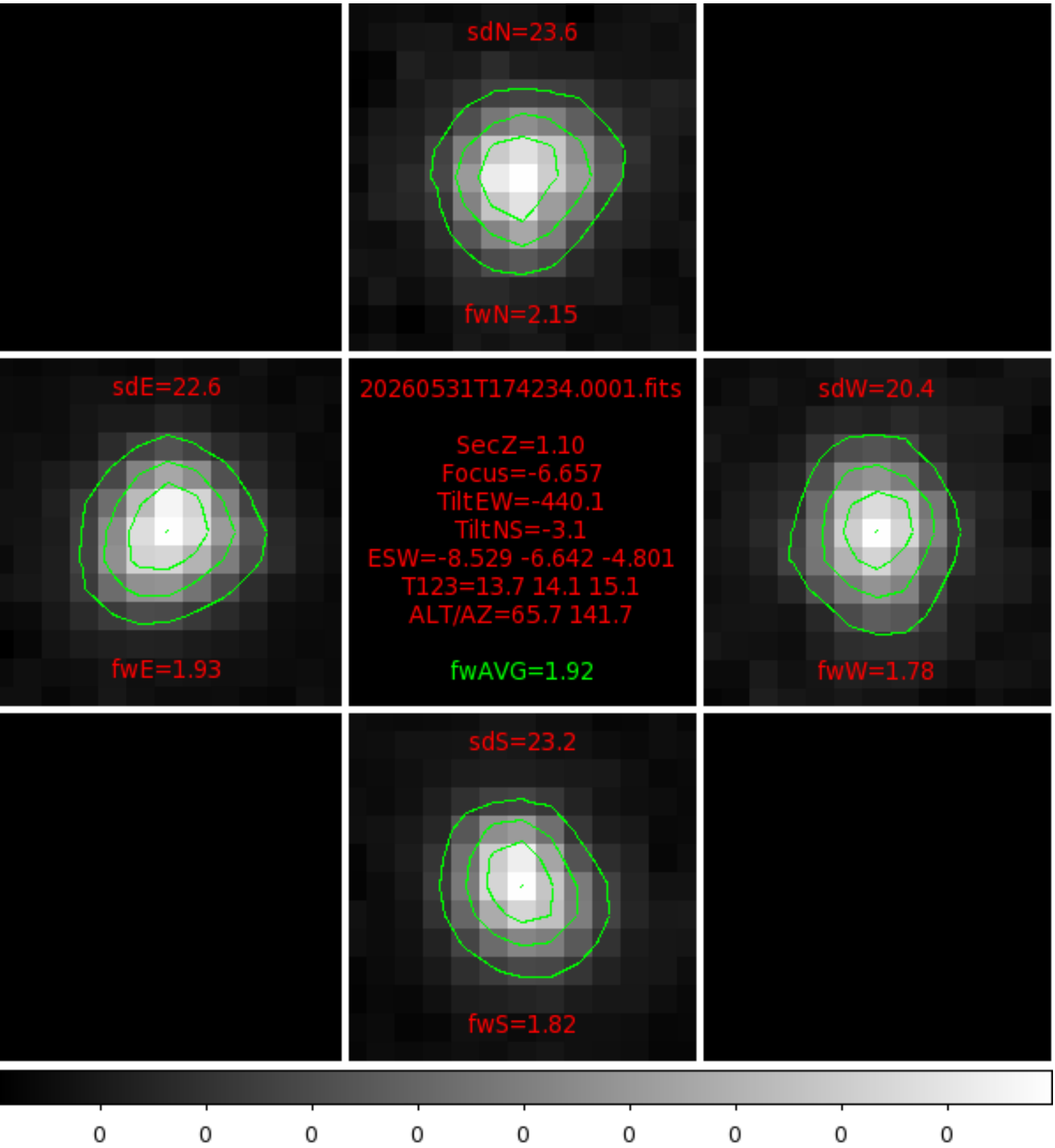
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SecZ=1.10
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.529 -6.642 -4.801
T123=13.7 14.1 15.1
ALT/AZ=65.7 141.7
fwAVG=1.92
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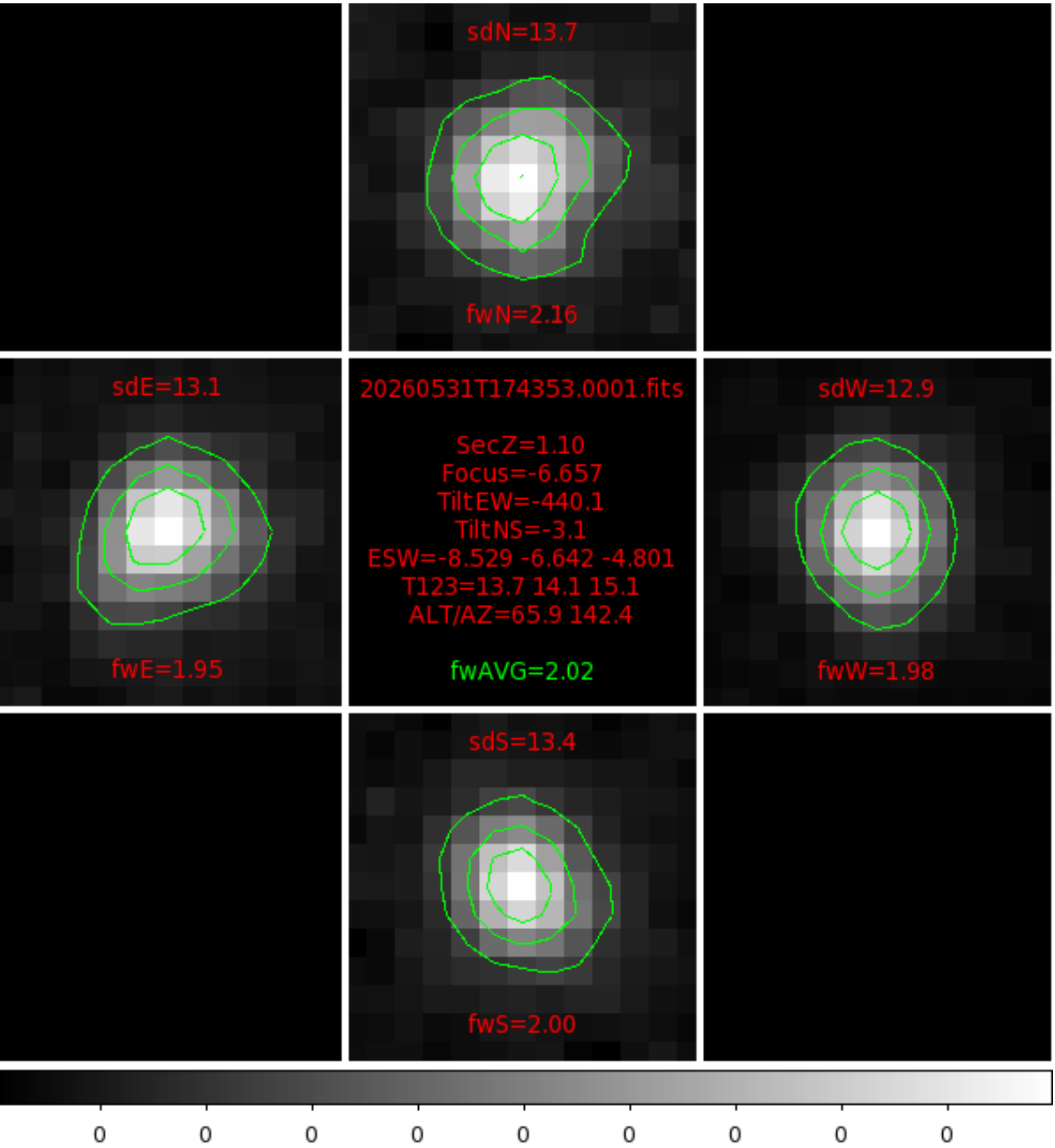
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20260531T174353.0001.fits
SecZ=1.10
Focus=-6.657
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.529 -6.642 -4.801
T123=13.7 14.1 15.1
ALT/AZ=65.9 142.4
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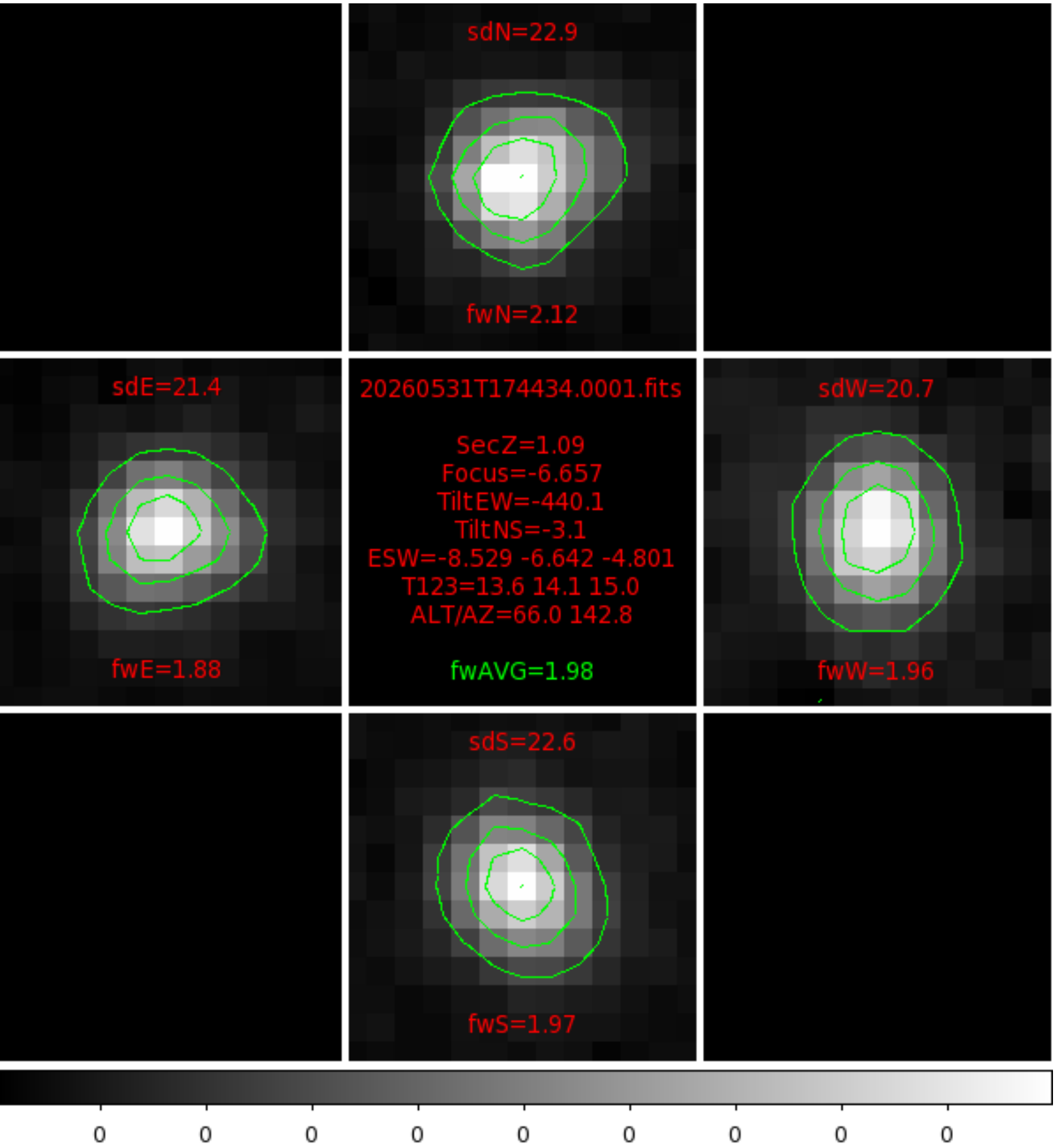
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SecZ=1.09
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.529 -6.642 -4.801
T123=13.6 14.1 15.0
ALT/AZ=66.0 142.8
fwAVG=1.98
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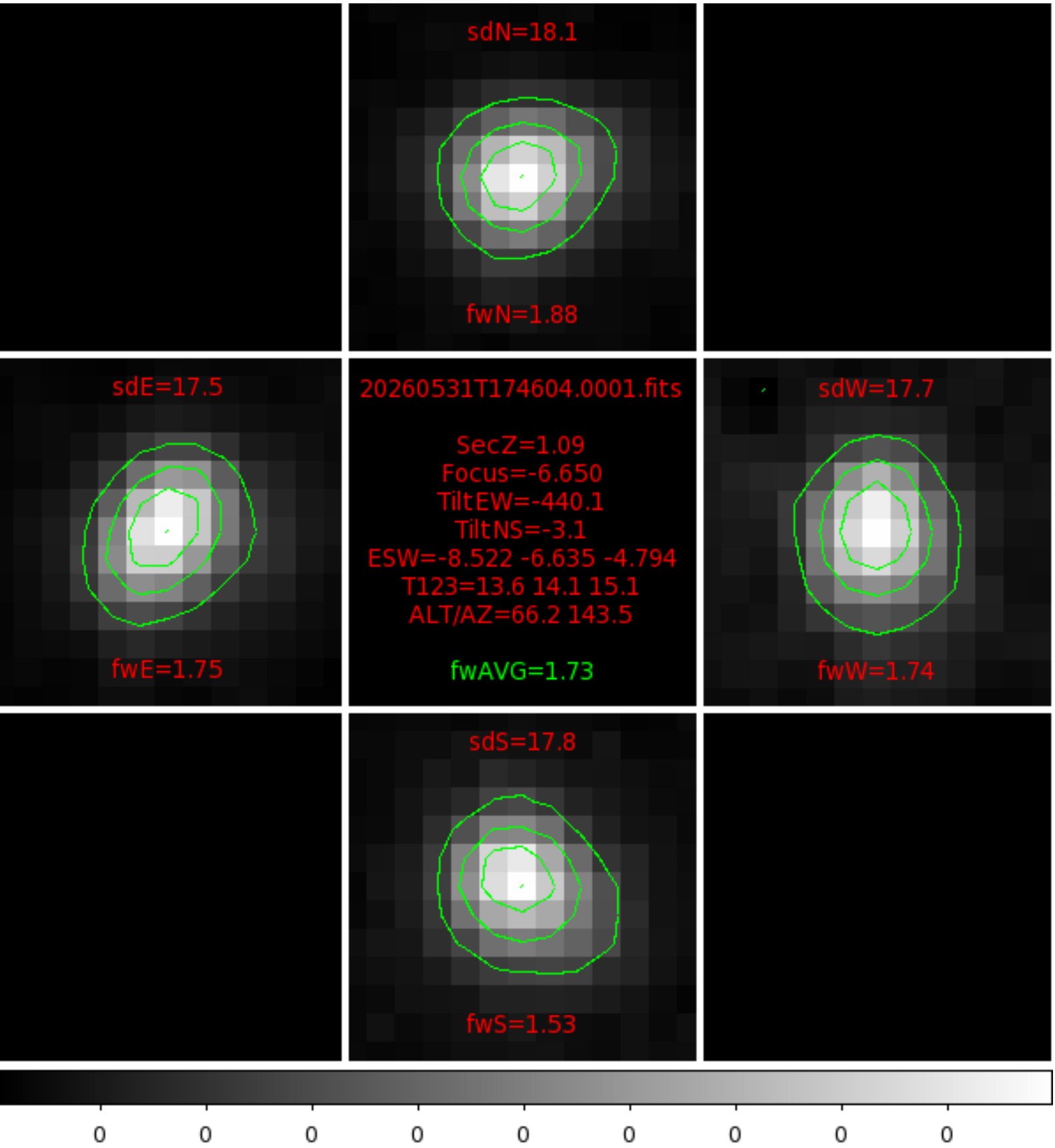
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sdE=17.5
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20260531T174604.0001.fits
SecZ=1.09
Focus=-6.650
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.522 -6.635 -4.794
T123=13.6 14.1 15.1
ALT/AZ=66.2 143.5
fwAVG=1.73
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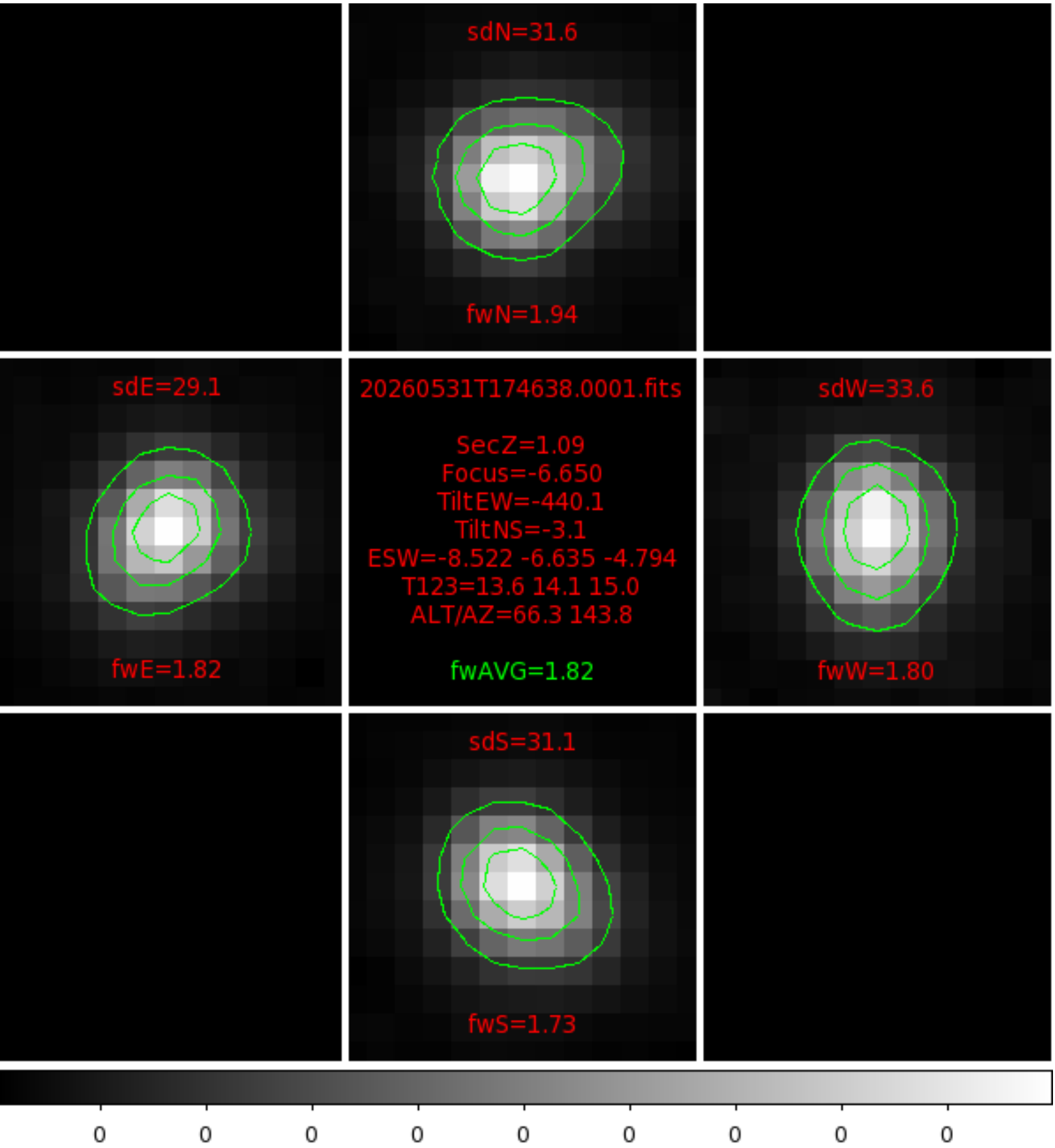
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sdE=29.1
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20260531T174638.0001.fits
SecZ=1.09
Focus=-6.650
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.522 -6.635 -4.794
T123=13.6 14.1 15.0
ALT/AZ=66.3 143.8
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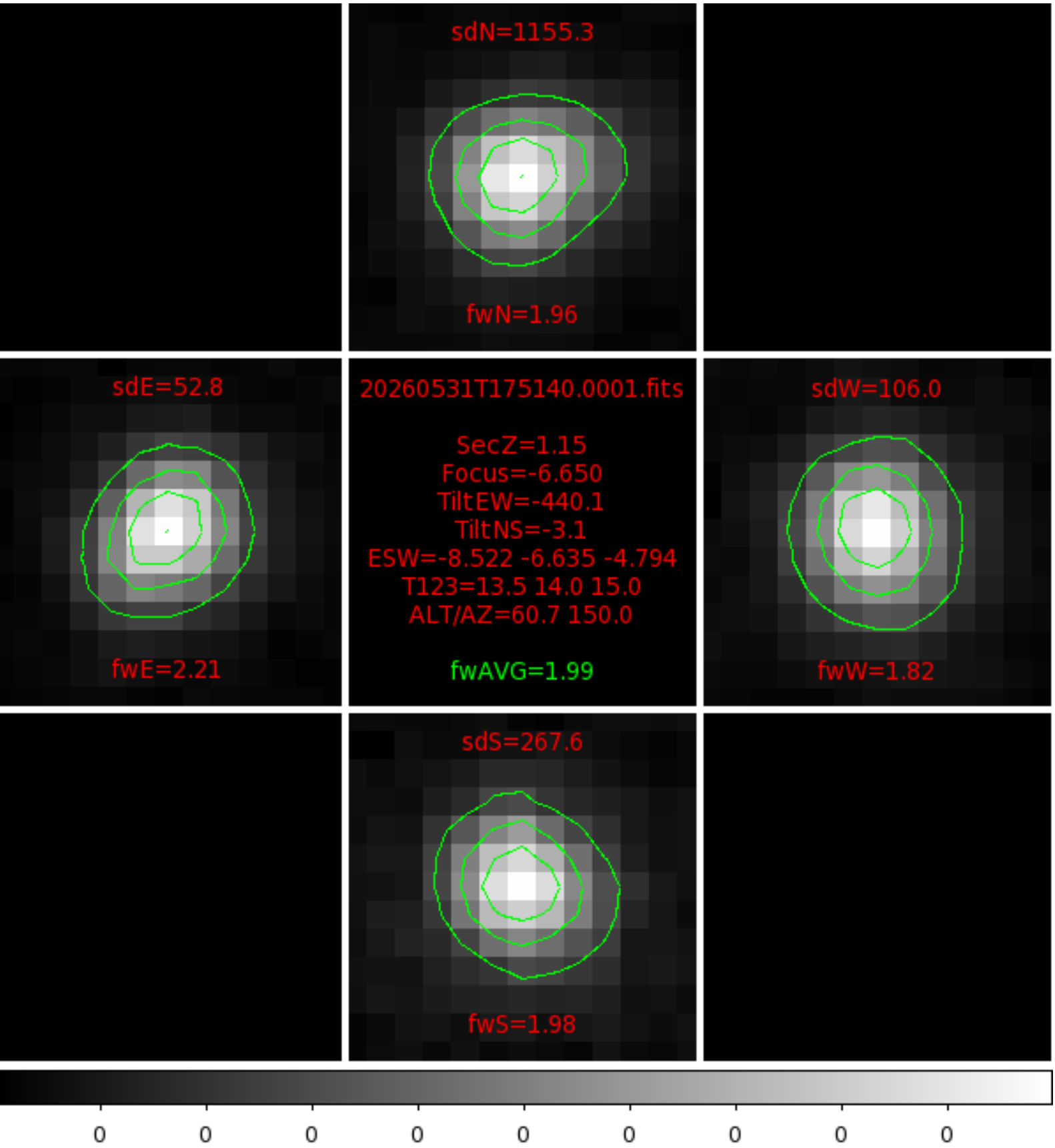
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fwN=1.96
sdE=52.8
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SecZ=1.15
Focus=-6.650
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.522 -6.635 -4.794
T123=13.5 14.0 15.0
ALT/AZ=60.7 150.0
fwAVG=1.99
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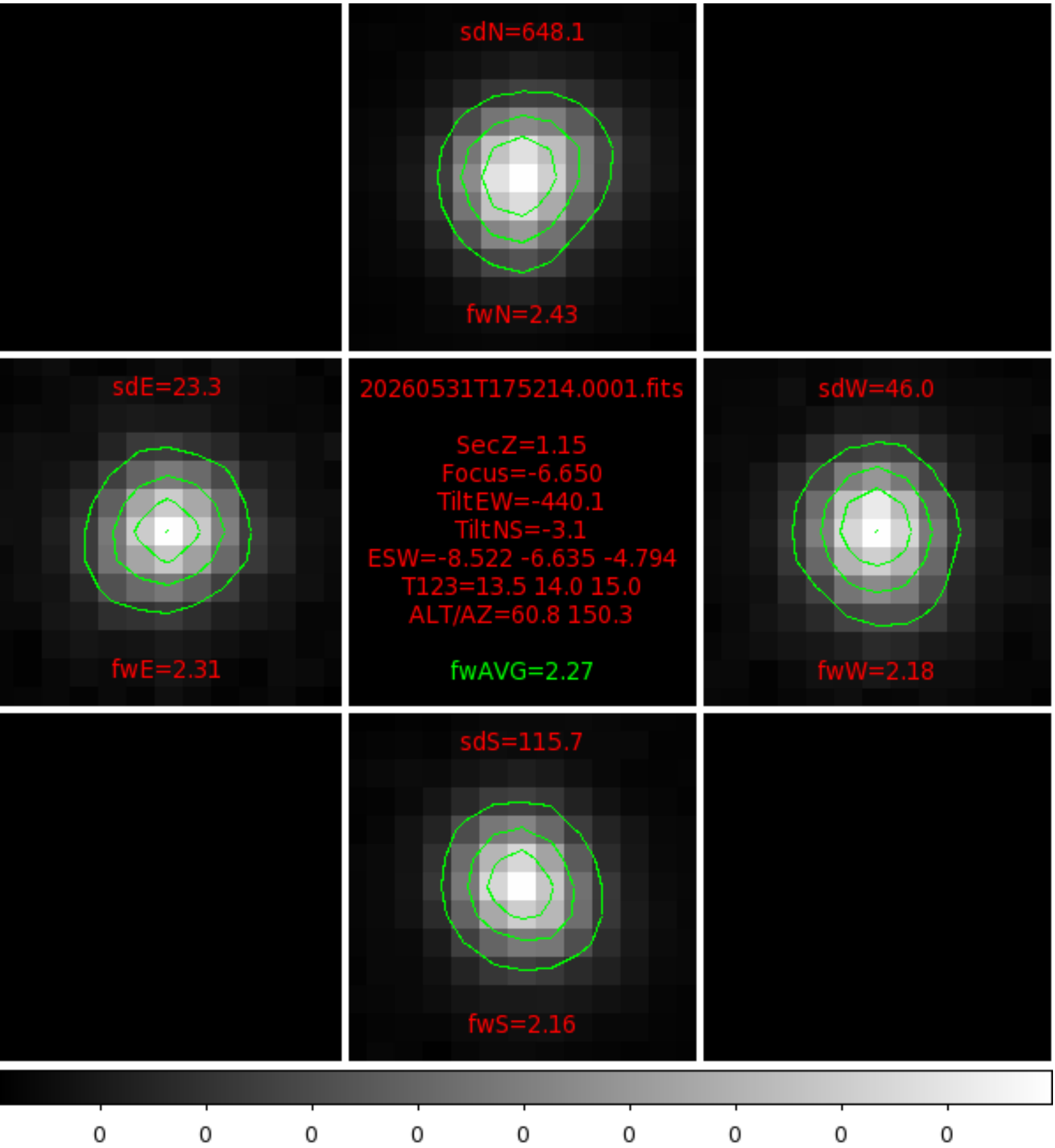
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sdE=23.3
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SecZ=1.15
Focus=-6.650
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.522 -6.635 -4.794
T123=13.5 14.0 15.0
ALT/AZ=60.8 150.3
fwAVG=2.27
sdW=46.0
fwW=2.18
sdS=115.7
fwS=2.16
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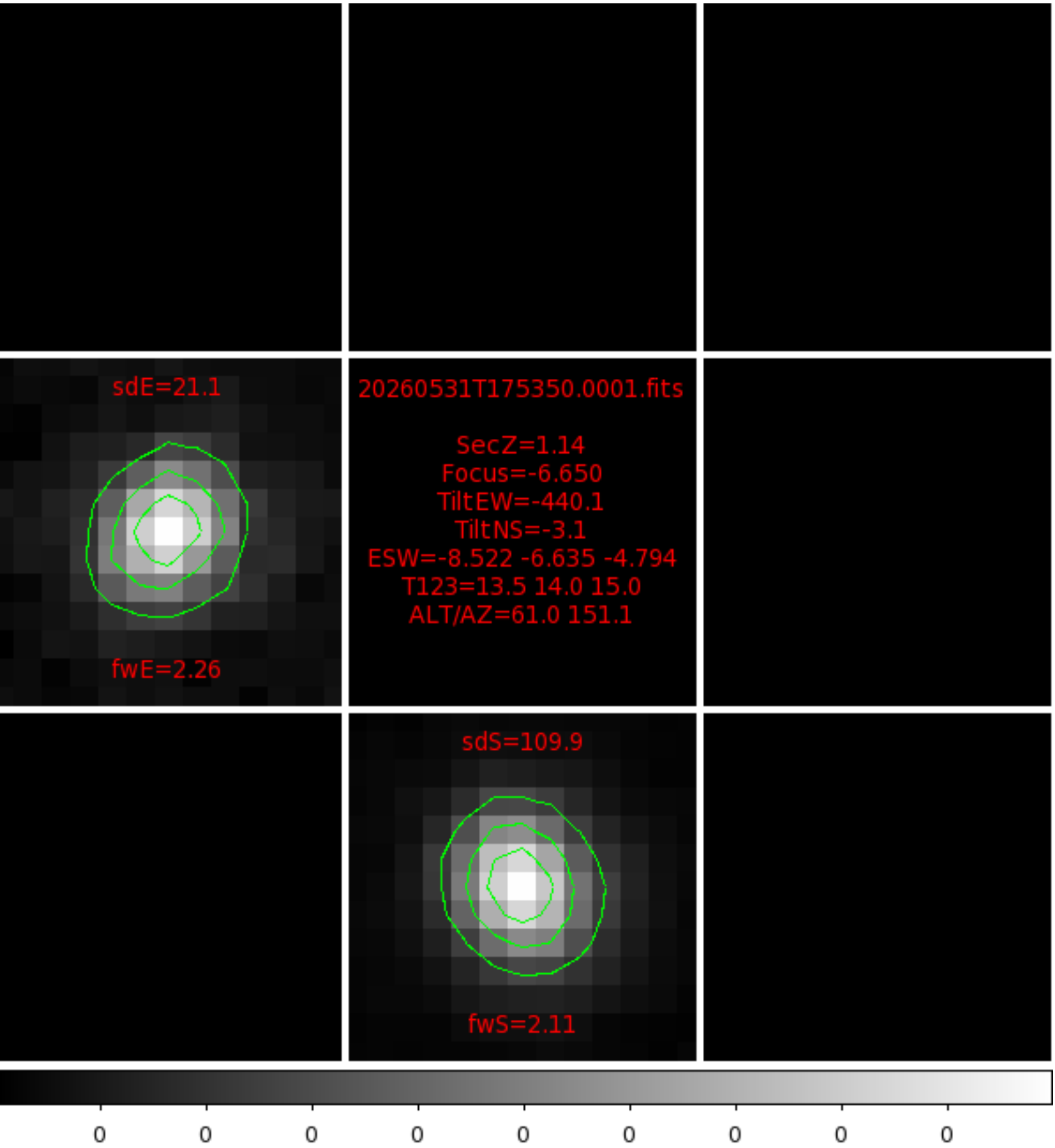
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SecZ=1.14
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TiltNS=-3.1
ESW=-8.522 -6.635 -4.794
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ALT/AZ=61.0 151.1
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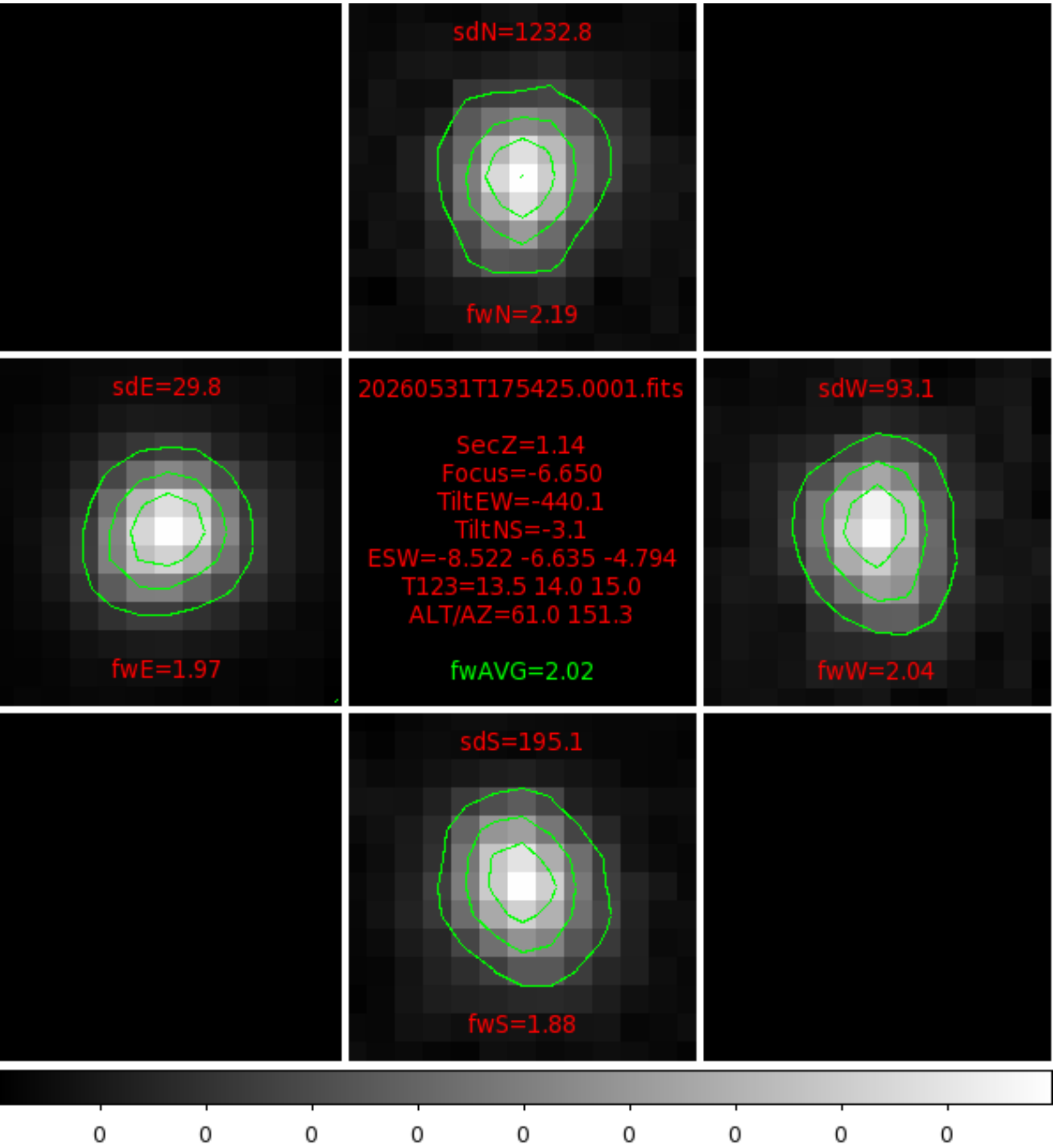
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SecZ=1.14
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.522 -6.635 -4.794
T123=13.5 14.0 15.0
ALT/AZ=61.0 151.3
fwAVG=2.02
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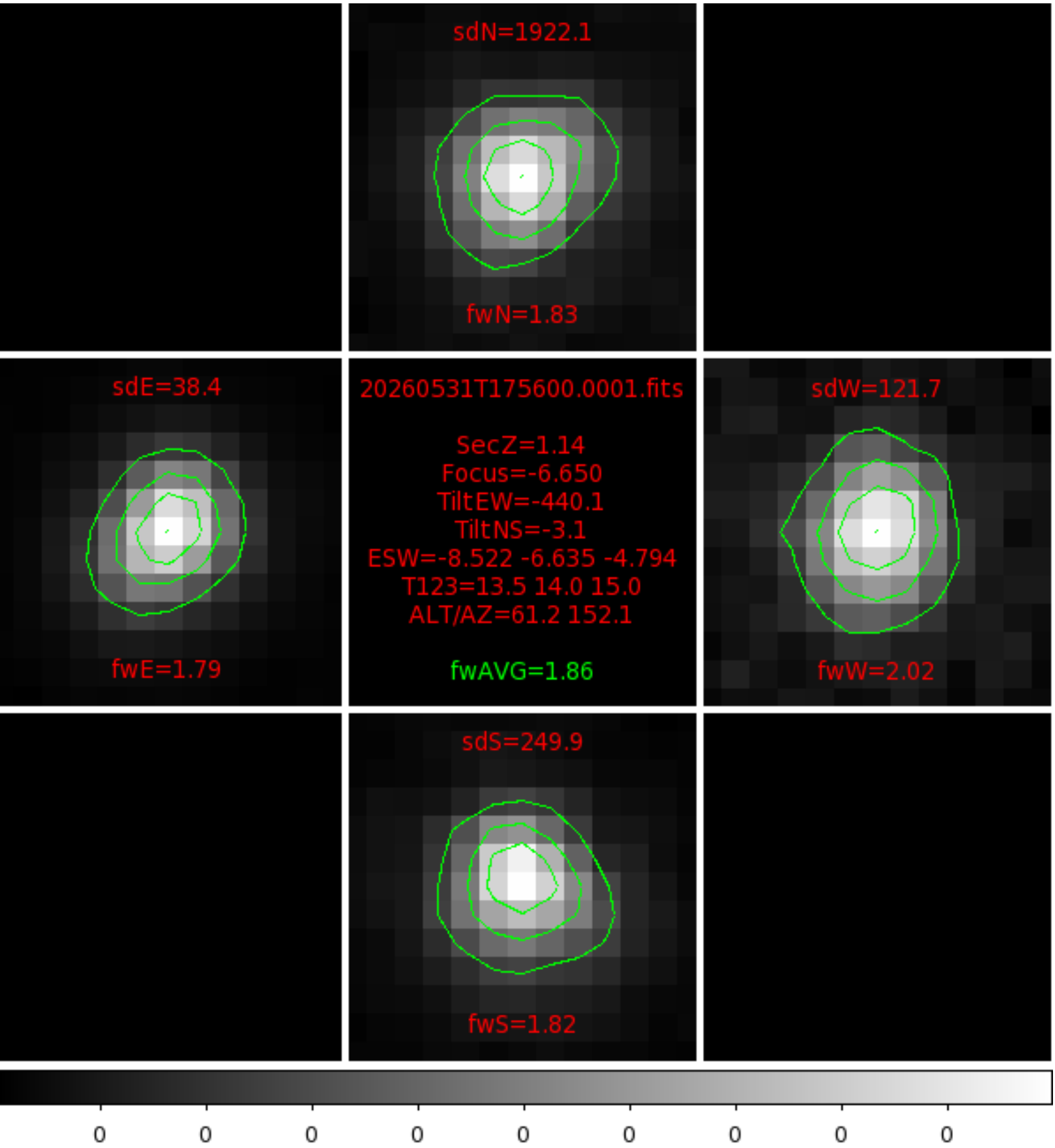
sdN=1922.1
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SecZ=1.14
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TiltEW=-440.1
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ESW=-8.522 -6.635 -4.794
T123=13.5 14.0 15.0
ALT/AZ=61.2 152.1
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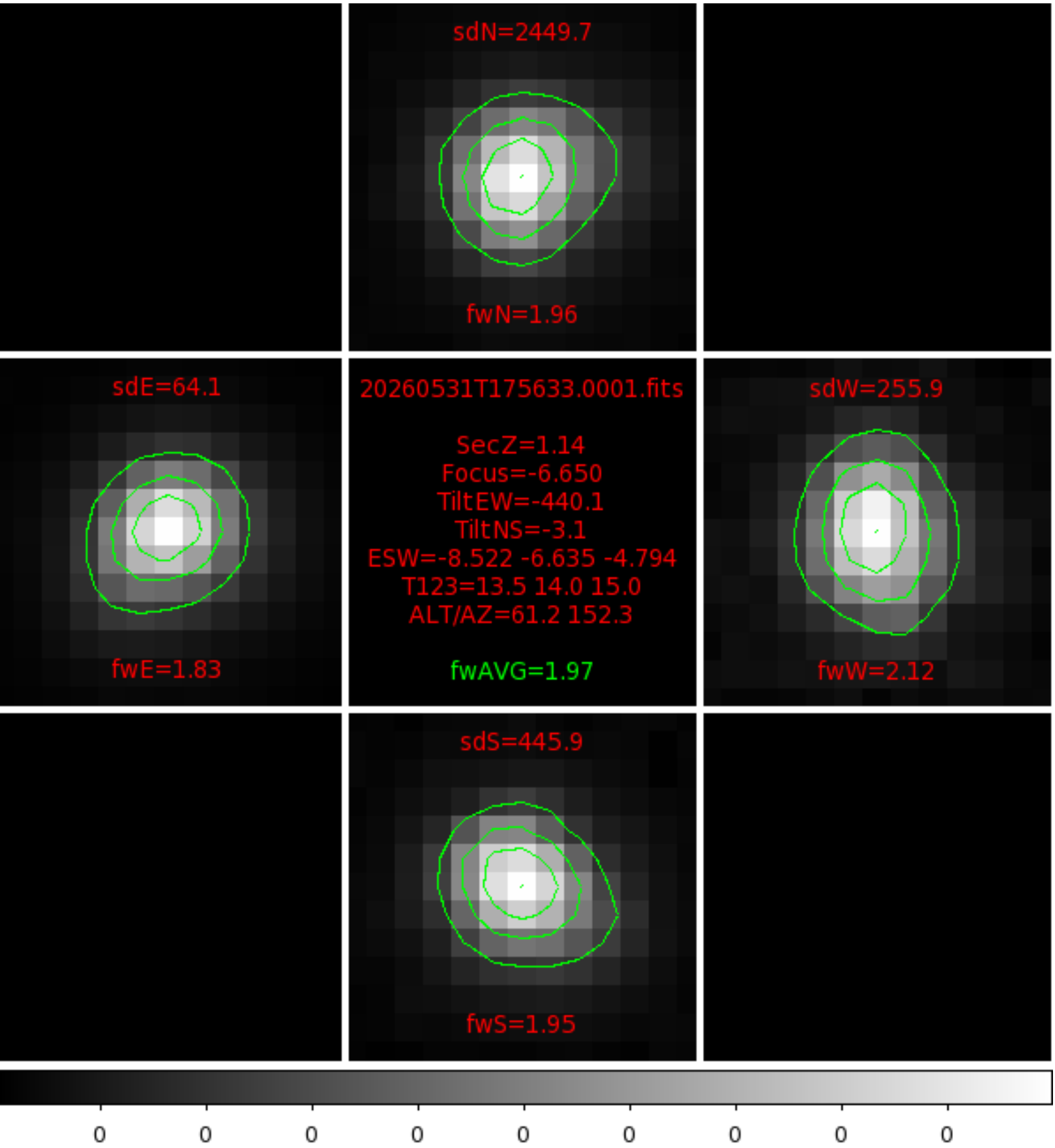
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SecZ=1.14
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.522 -6.635 -4.794
T123=13.5 14.0 15.0
ALT/AZ=61.2 152.3
fwAVG=1.97
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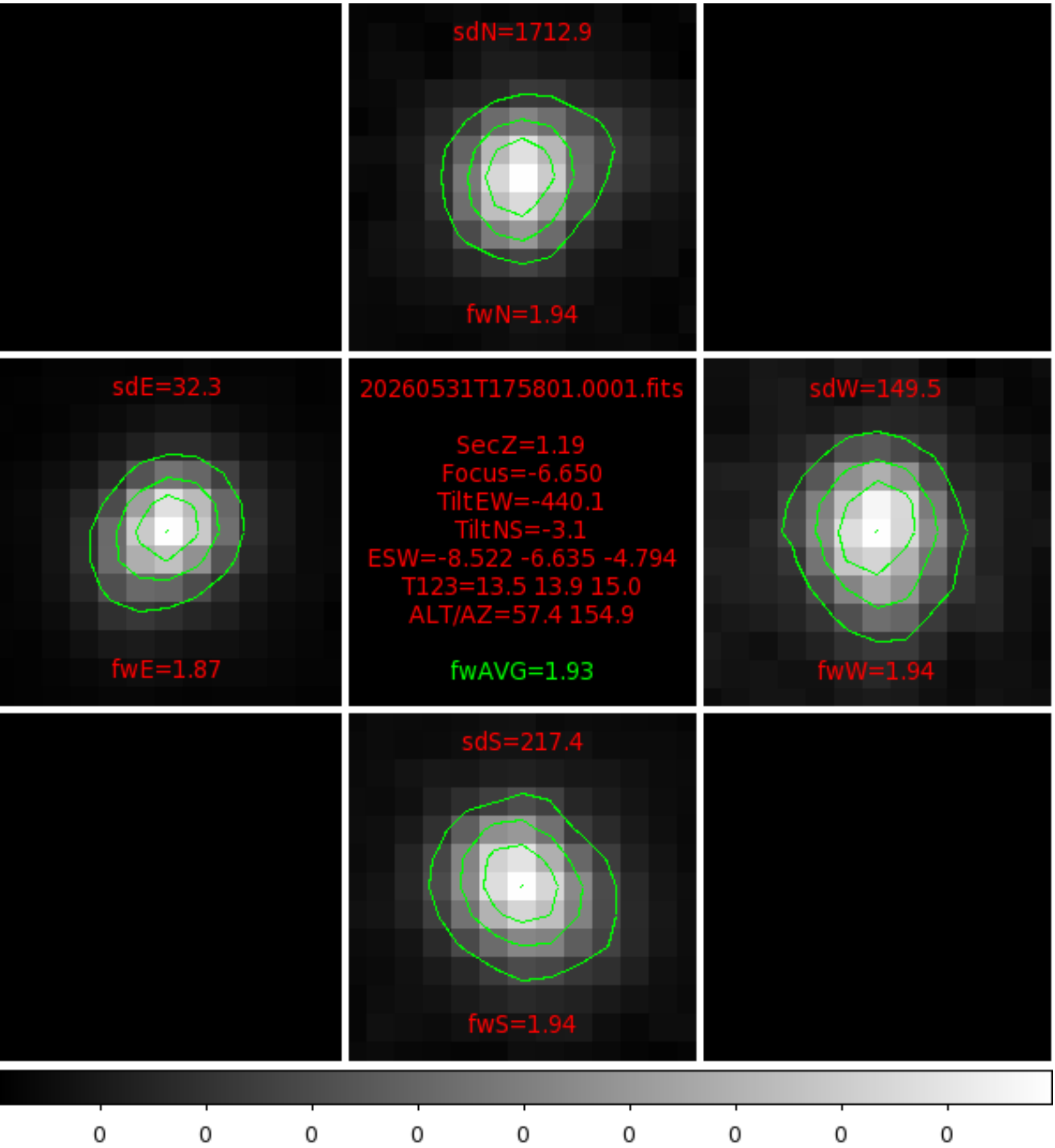
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sdE=32.3
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20260531T175801.0001.fits
SecZ=1.19
Focus=-6.650
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.522 -6.635 -4.794
T123=13.5 13.9 15.0
ALT/AZ=57.4 154.9
fwAVG=1.93
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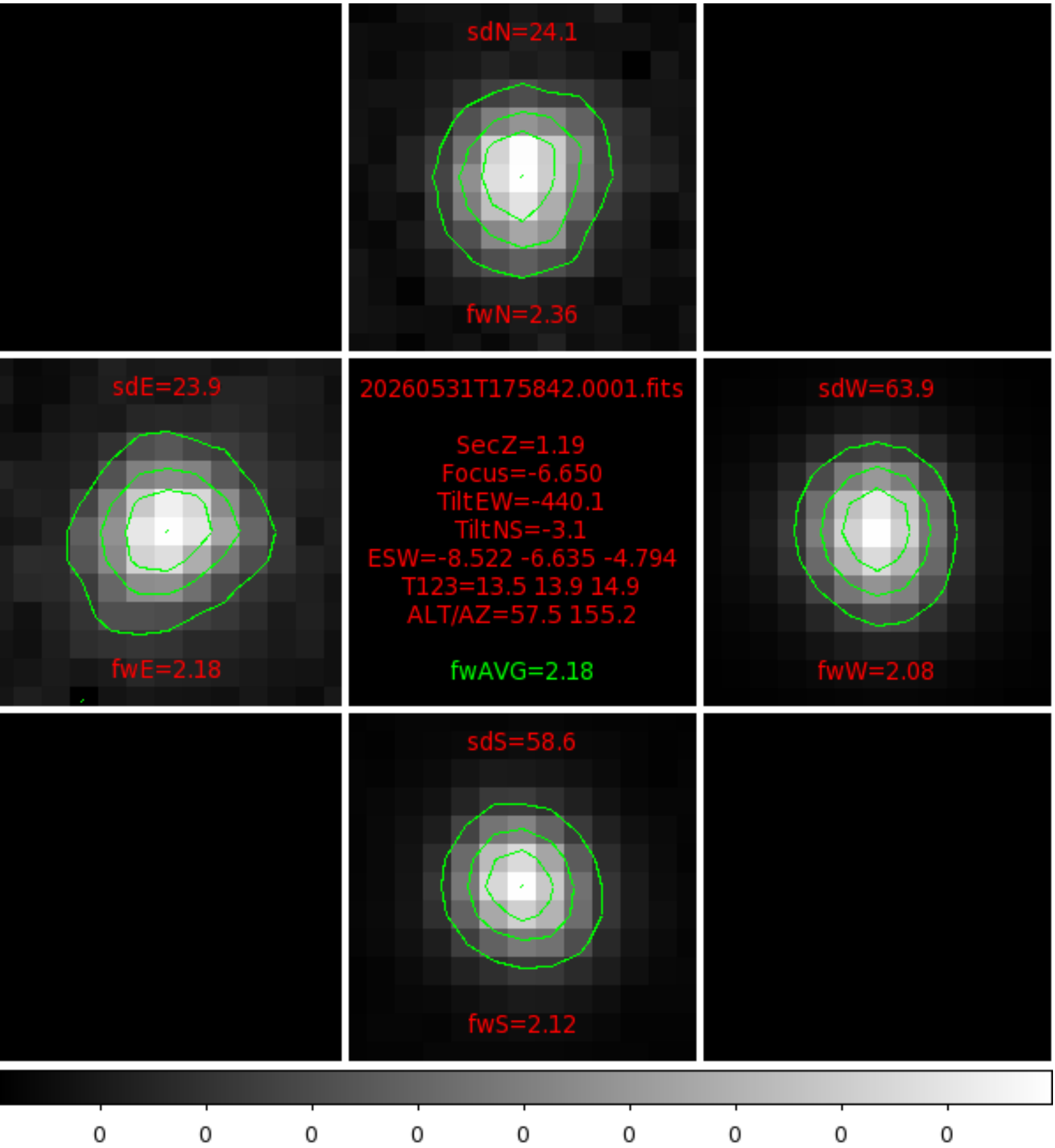
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SecZ=1.19
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.522 -6.635 -4.794
T123=13.5 13.9 14.9
ALT/AZ=57.5 155.2
fwAVG=2.18
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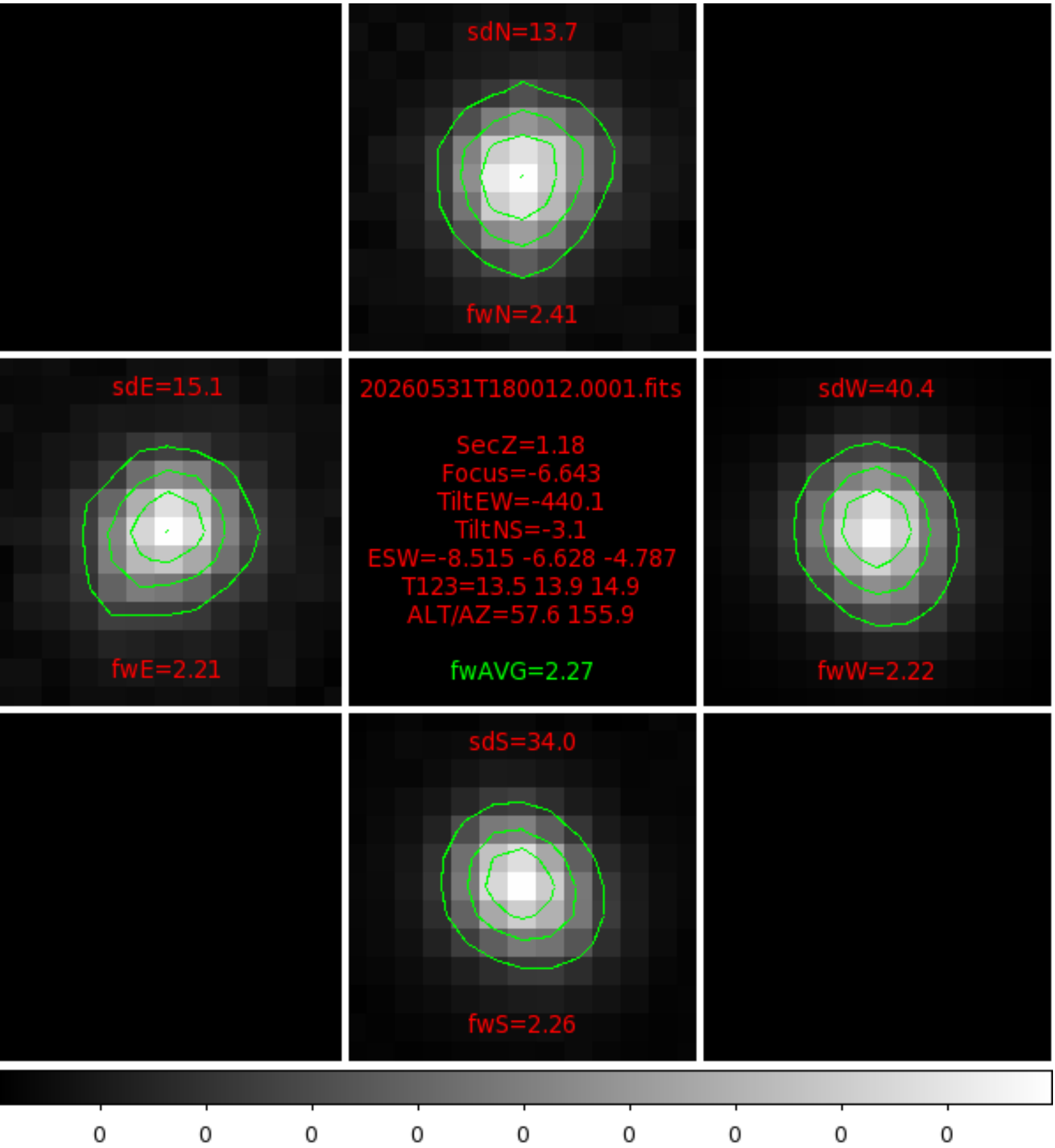
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SecZ=1.18
Focus=-6.643
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TiltNS=-3.1
ESW=-8.515 -6.628 -4.787
T123=13.5 13.9 14.9
ALT/AZ=57.6 155.9
fwAVG=2.27
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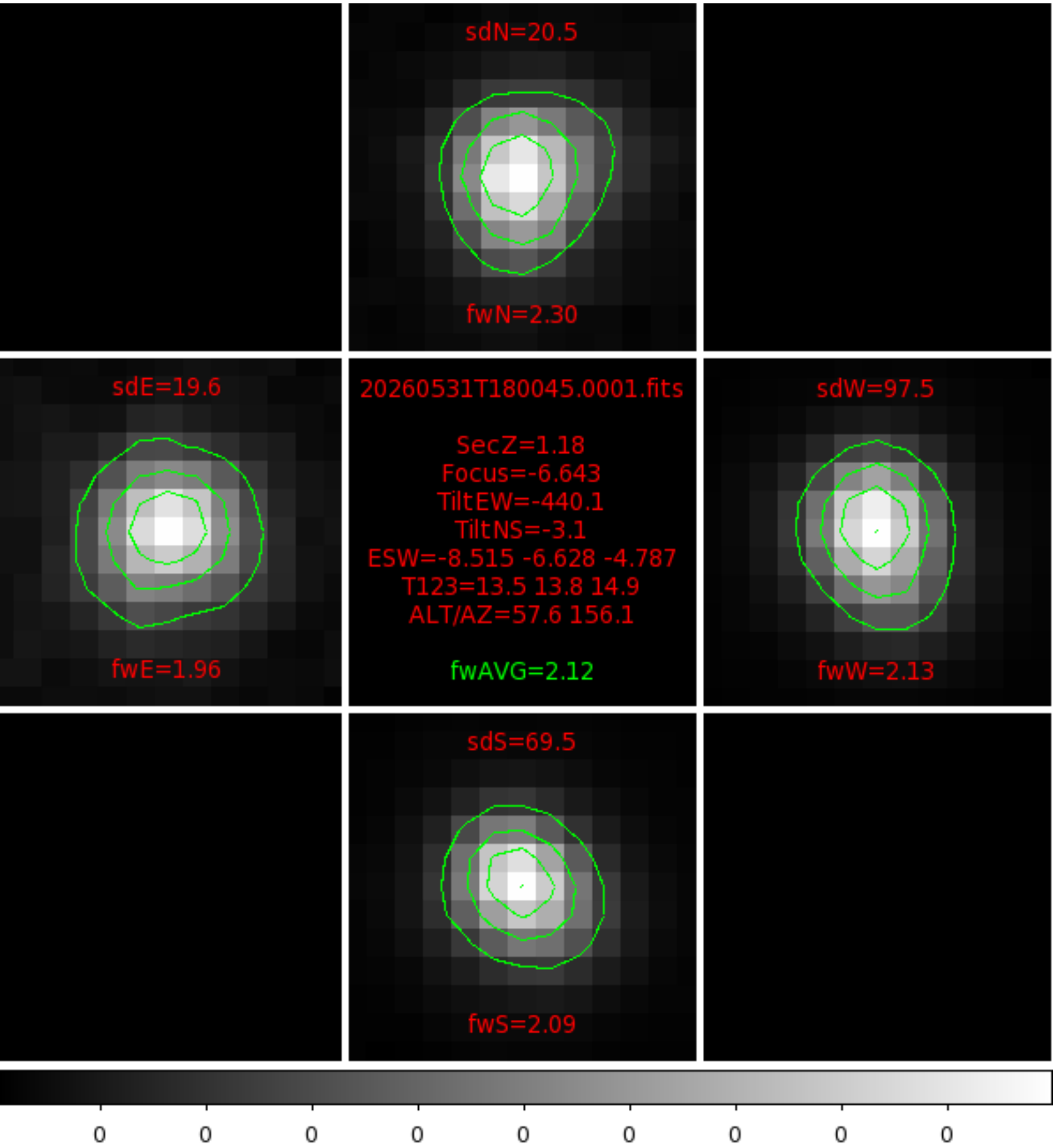
sdN=20.5
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SecZ=1.18
Focus=-6.643
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.515 -6.628 -4.787
T123=13.5 13.8 14.9
ALT/AZ=57.6 156.1
fwAVG=2.12
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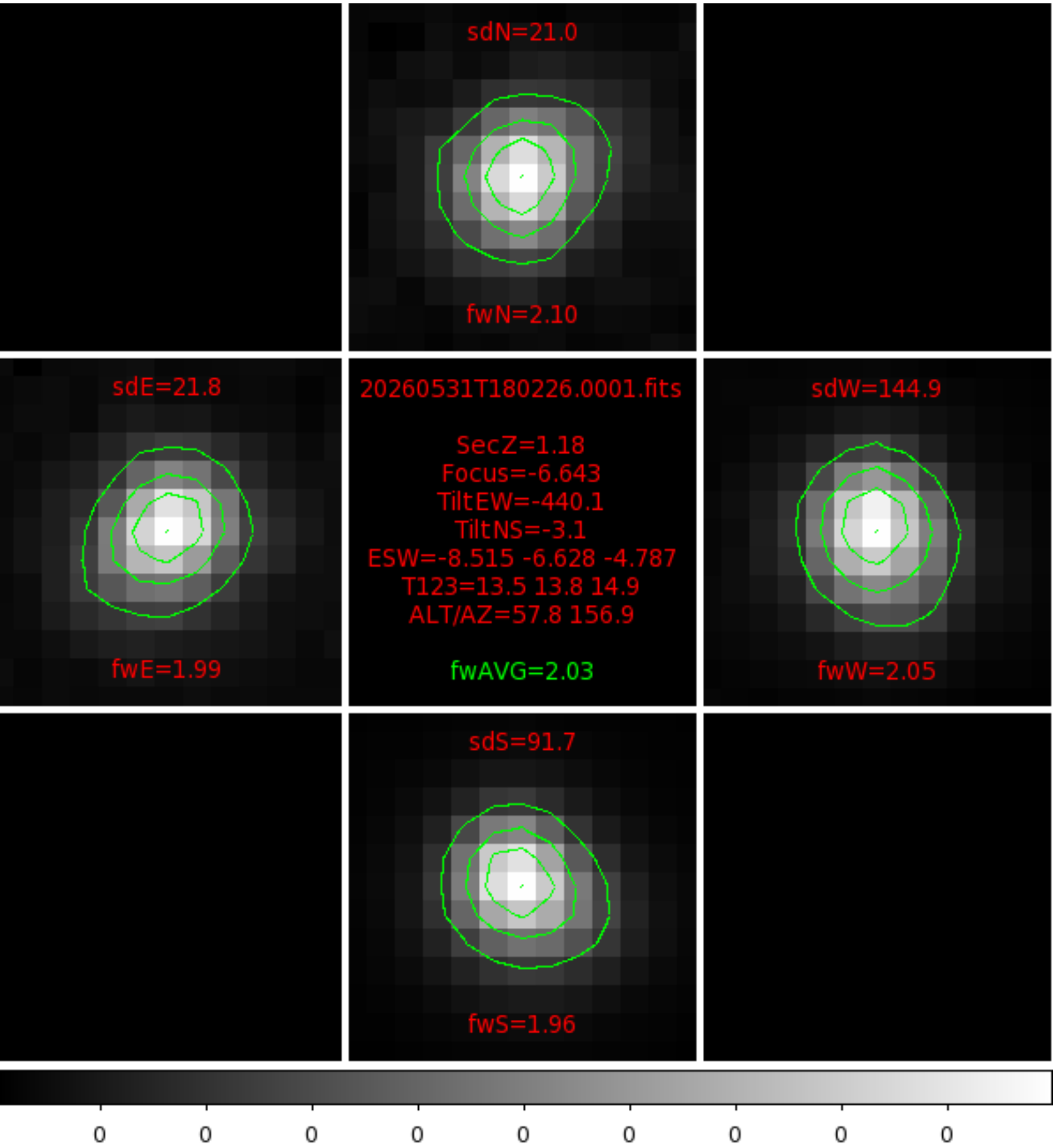
sdN=21.0
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SecZ=1.18
Focus=-6.643
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.515 -6.628 -4.787
T123=13.5 13.8 14.9
ALT/AZ=57.8 156.9
fwAVG=2.03
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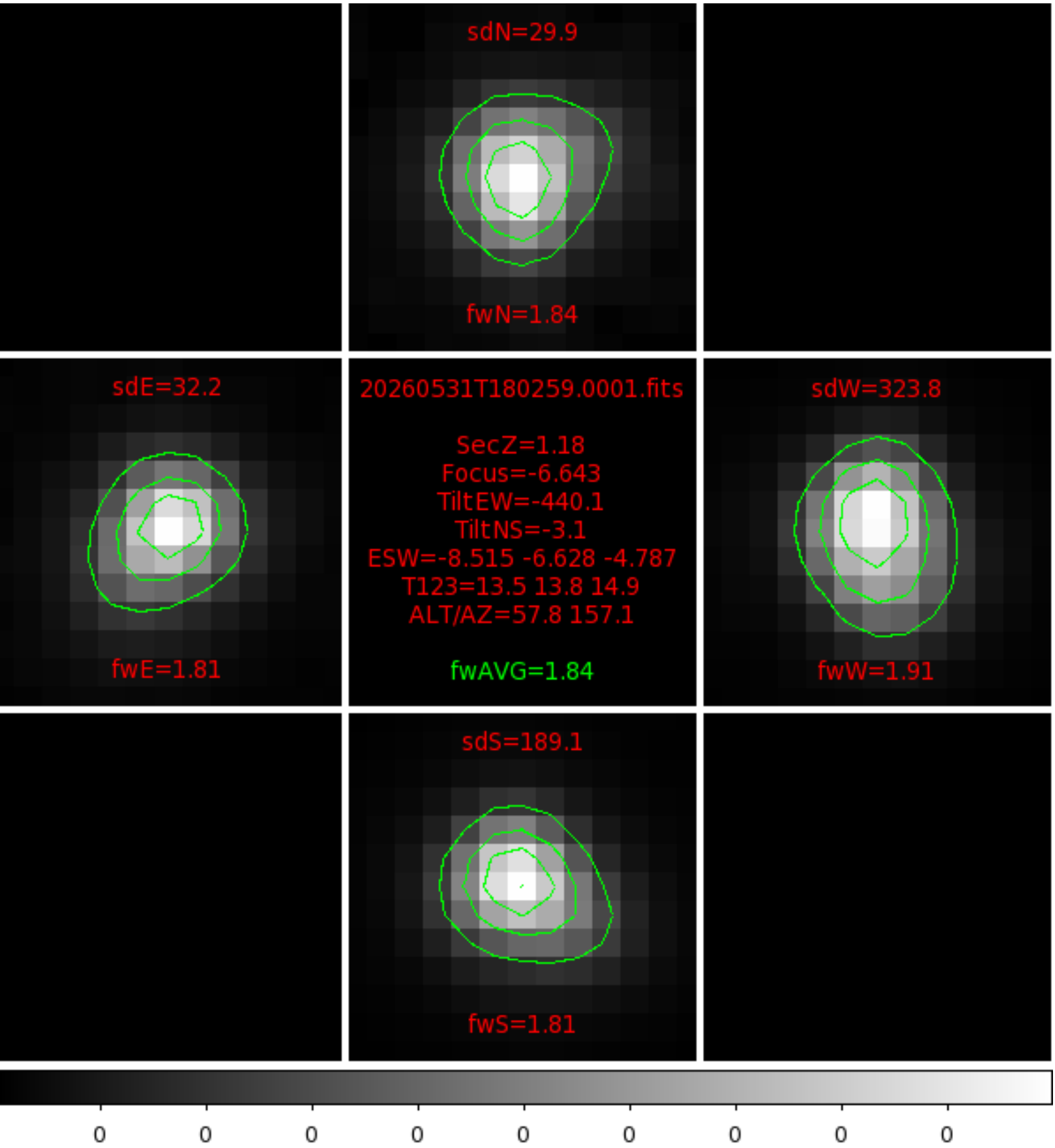
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SecZ=1.18
Focus=-6.643
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.515 -6.628 -4.787
T123=13.5 13.8 14.9
ALT/AZ=57.8 157.1
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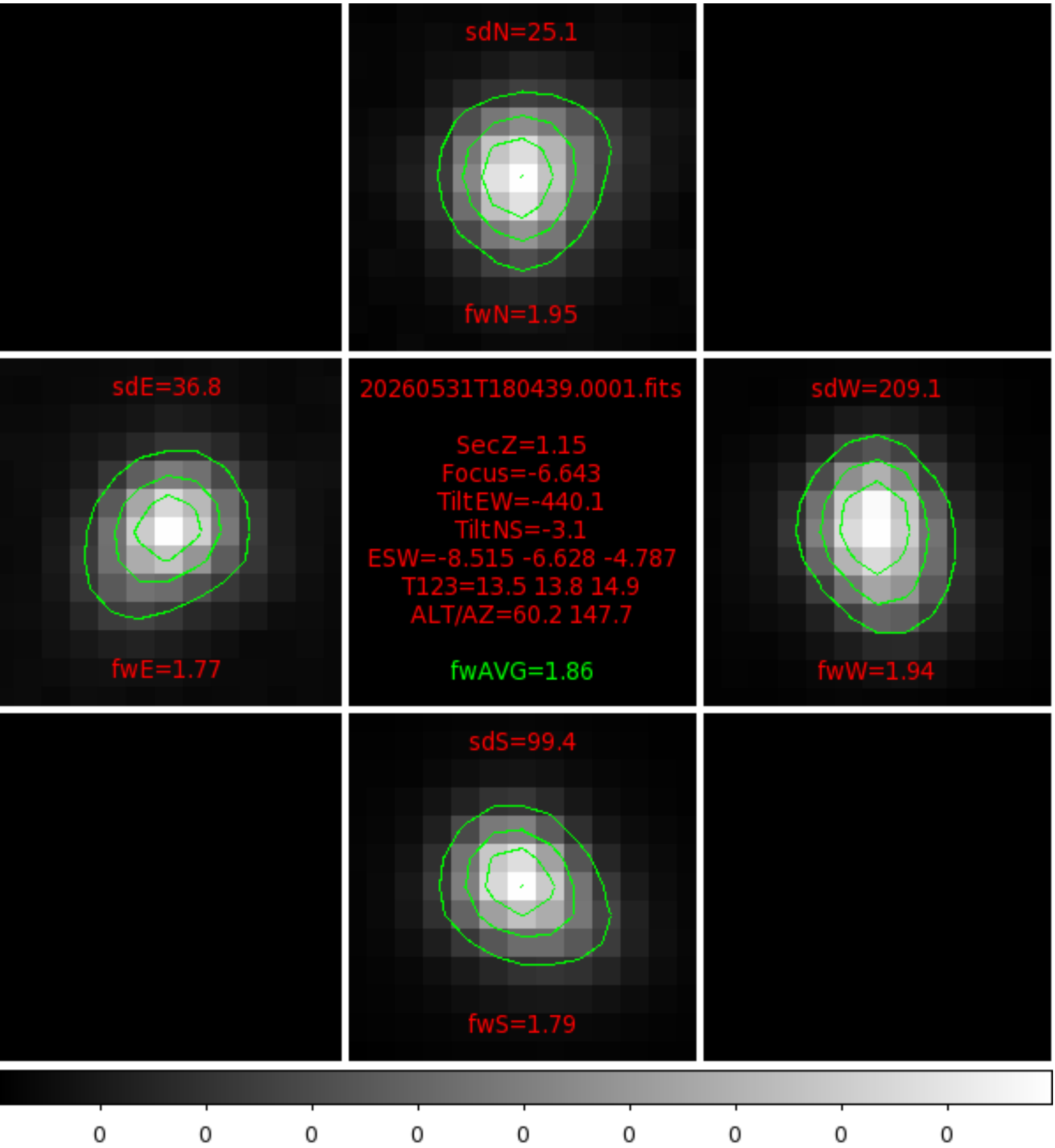
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SecZ=1.15
Focus=-6.643
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.515 -6.628 -4.787
T123=13.5 13.8 14.9
ALT/AZ=60.2 147.7
fwAVG=1.86
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sdS=99.4
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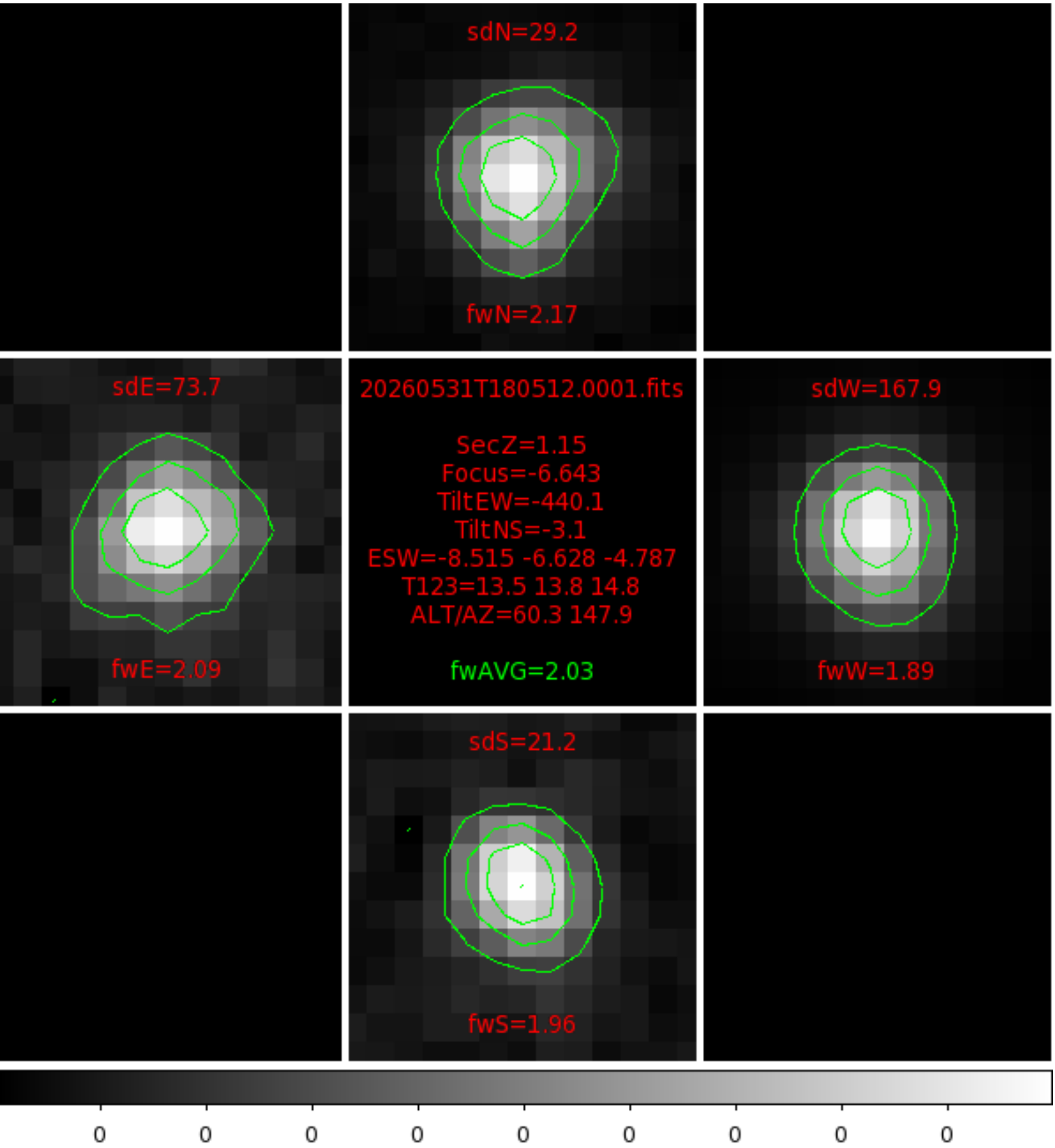
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SecZ=1.15
Focus=-6.643
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.515 -6.628 -4.787
T123=13.5 13.8 14.8
ALT/AZ=60.3 147.9
fwAVG=2.03
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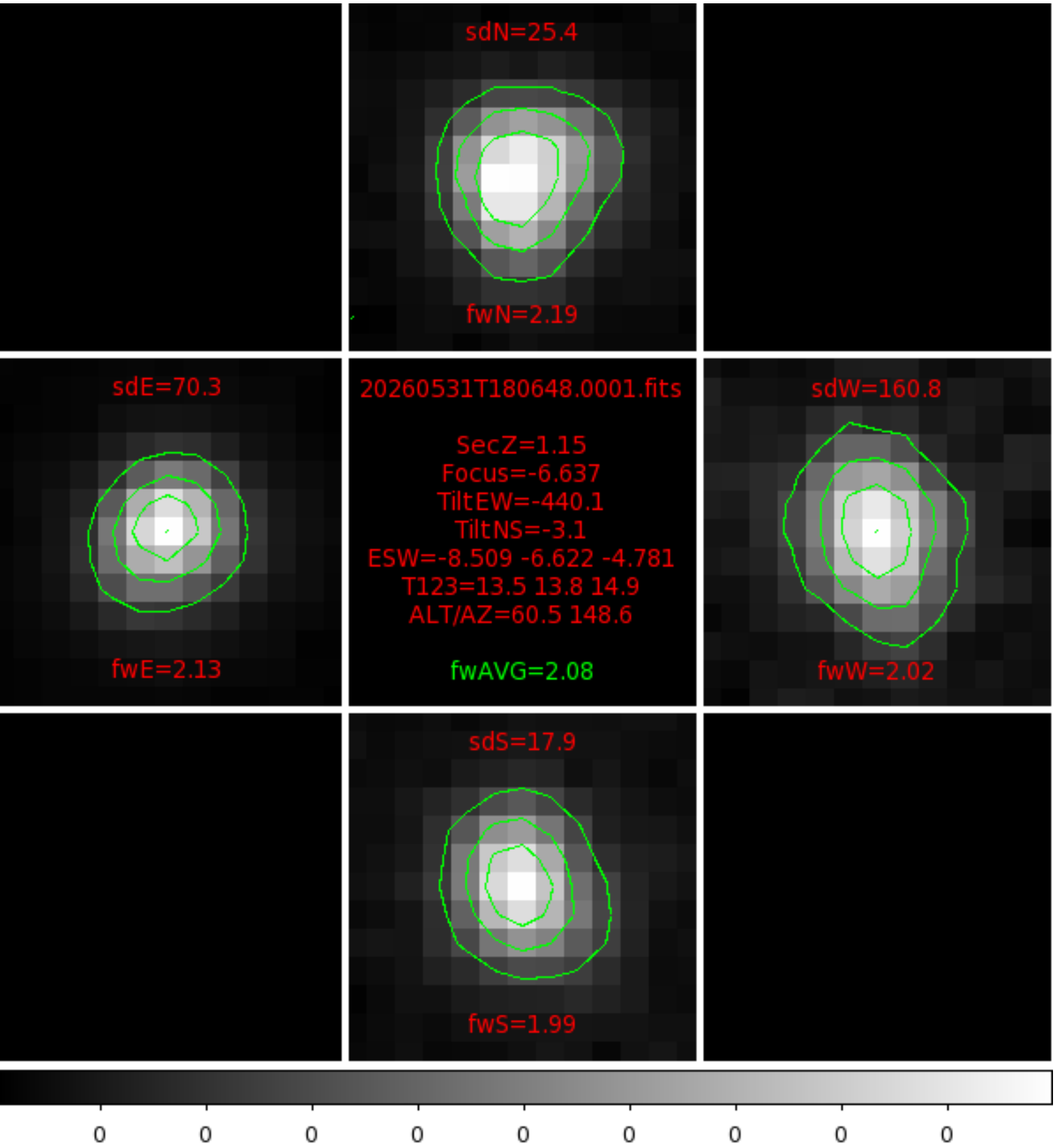
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SecZ=1.15
Focus=-6.637
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.509 -6.622 -4.781
T123=13.5 13.8 14.9
ALT/AZ=60.5 148.6
fwAVG=2.08
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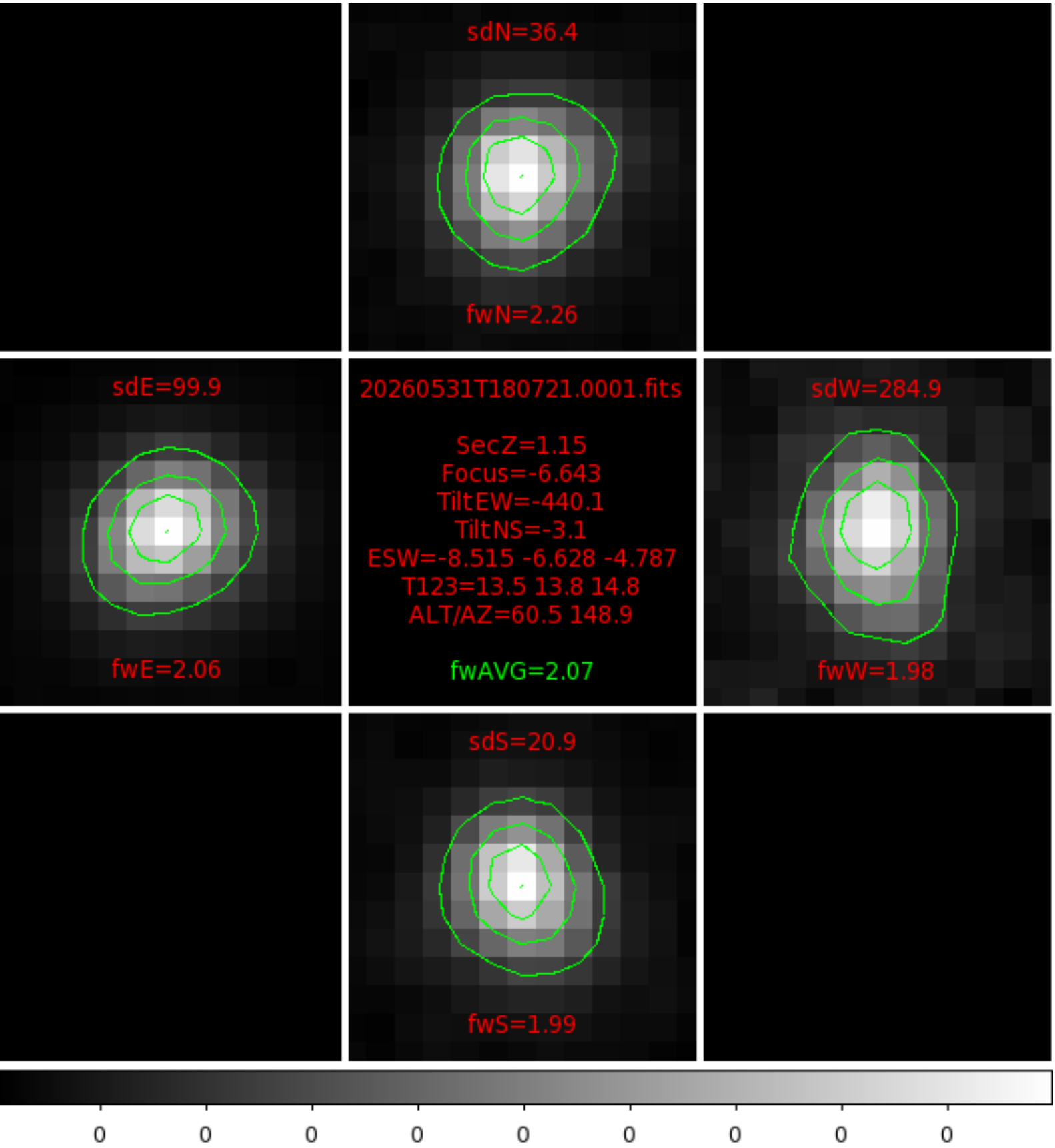
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SecZ=1.15
Focus=-6.643
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.515 -6.628 -4.787
T123=13.5 13.8 14.8
ALT/AZ=60.5 148.9
fwAVG=2.07
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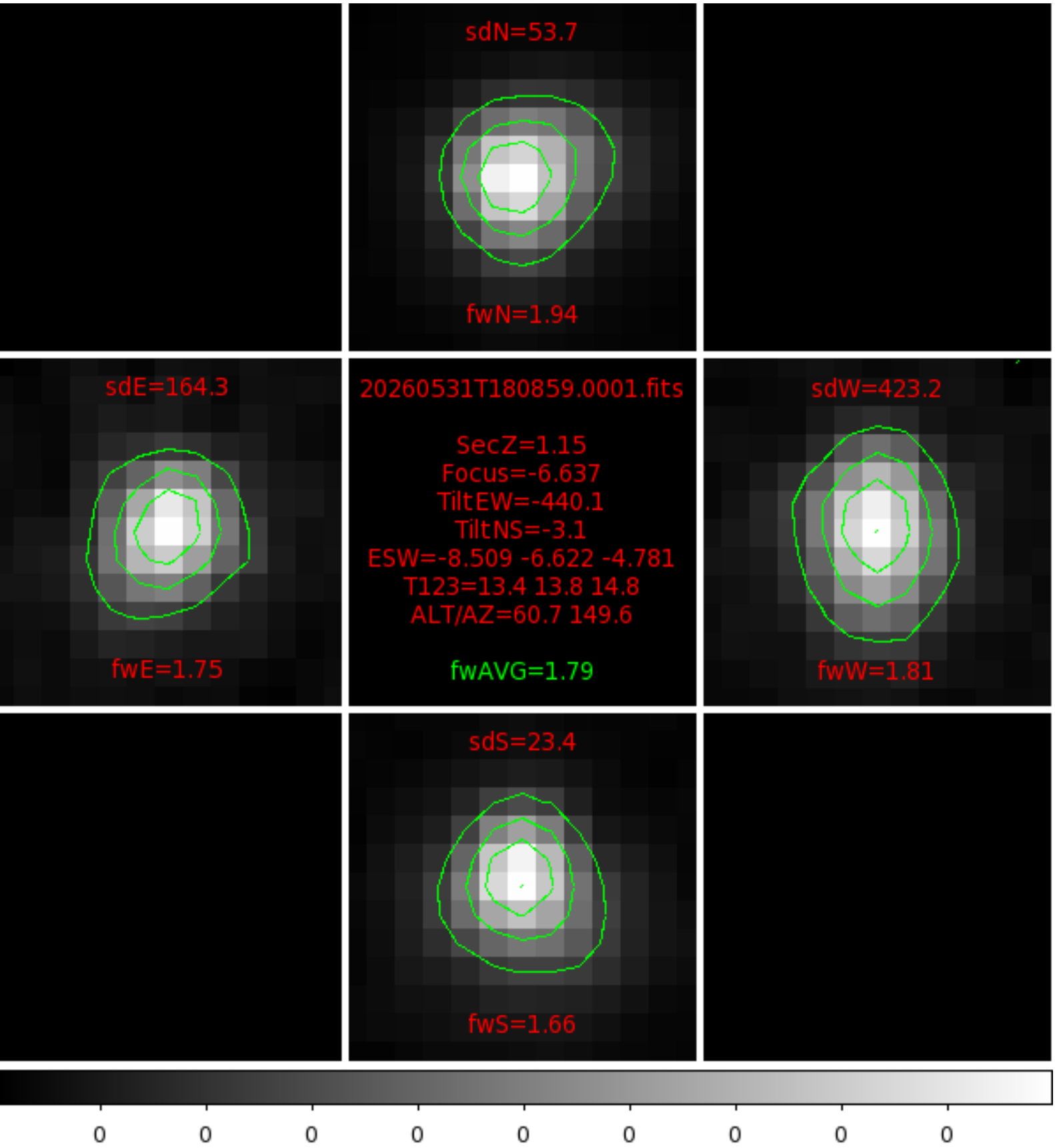
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SecZ=1.15
Focus=-6.637
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.509 -6.622 -4.781
T123=13.4 13.8 14.8
ALT/AZ=60.7 149.6
fwAVG=1.79
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sdS=23.4
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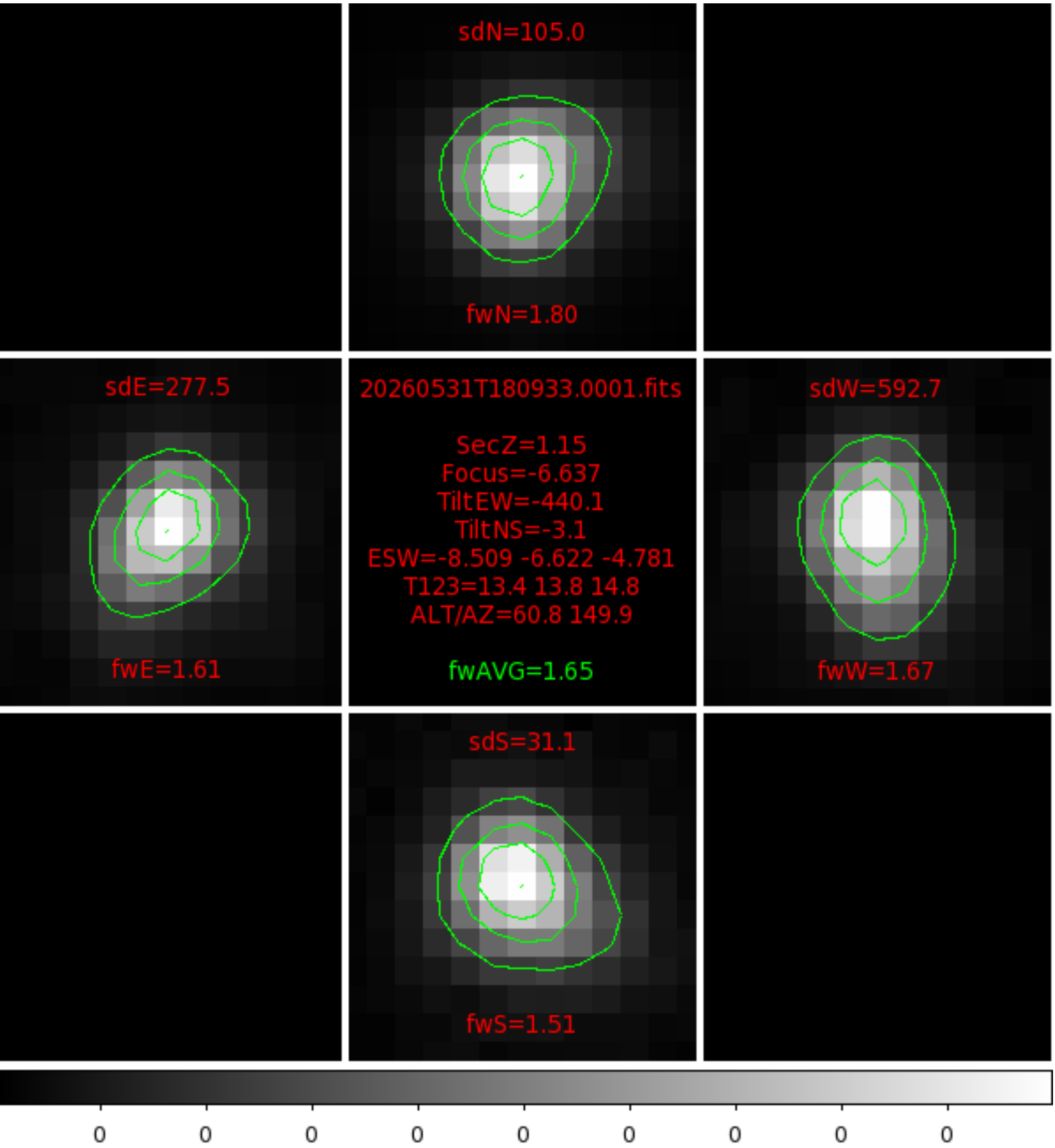
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SecZ=1.15
Focus=-6.637
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.509 -6.622 -4.781
T123=13.4 13.8 14.8
ALT/AZ=60.8 149.9
fwAVG=1.65
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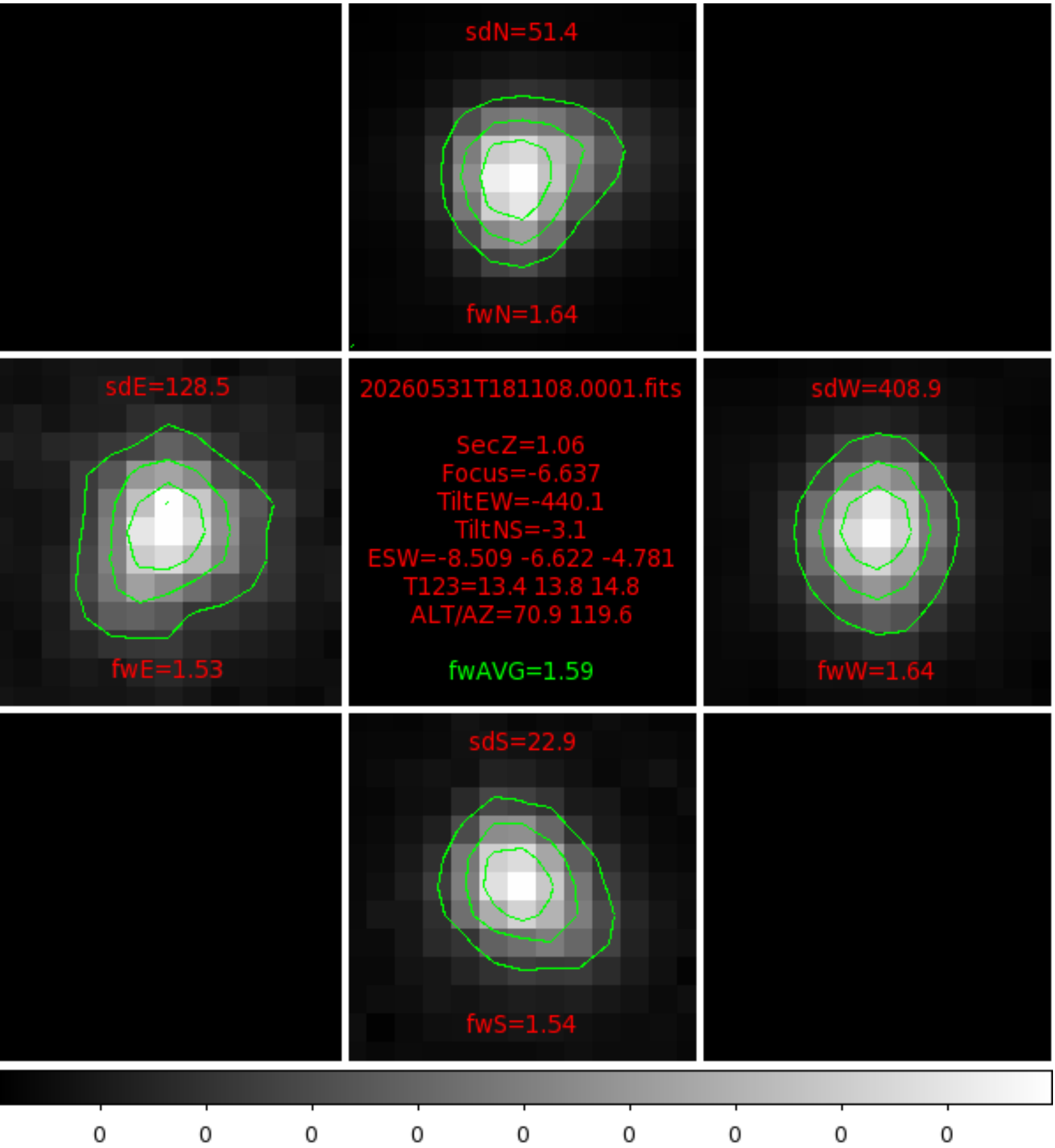
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SecZ=1.06
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.509 -6.622 -4.781
T123=13.4 13.8 14.8
ALT/AZ=70.9 119.6
fwAVG=1.59
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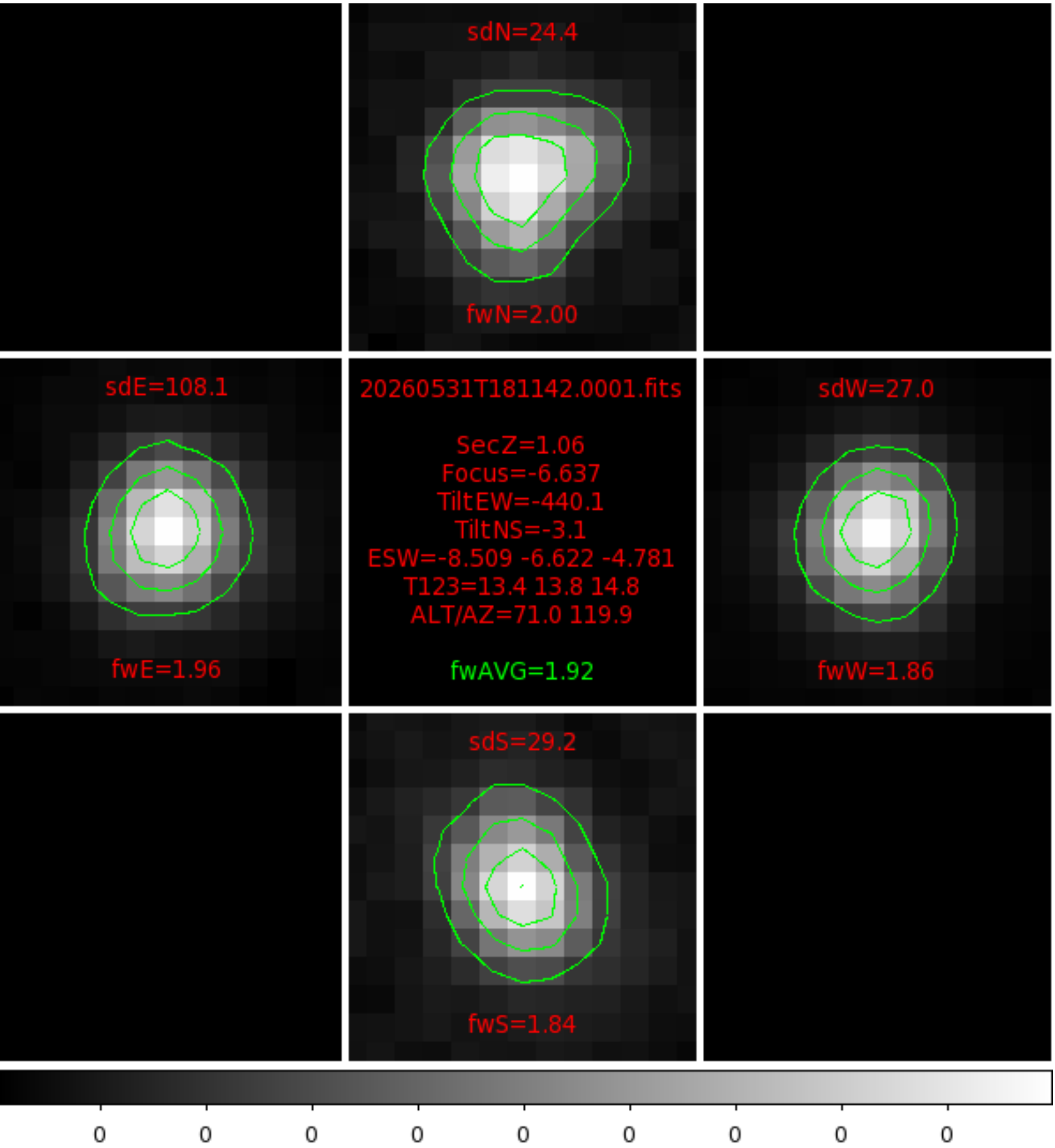
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SecZ=1.06
Focus=-6.637
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.509 -6.622 -4.781
T123=13.4 13.8 14.8
ALT/AZ=71.0 119.9
fwAVG=1.92
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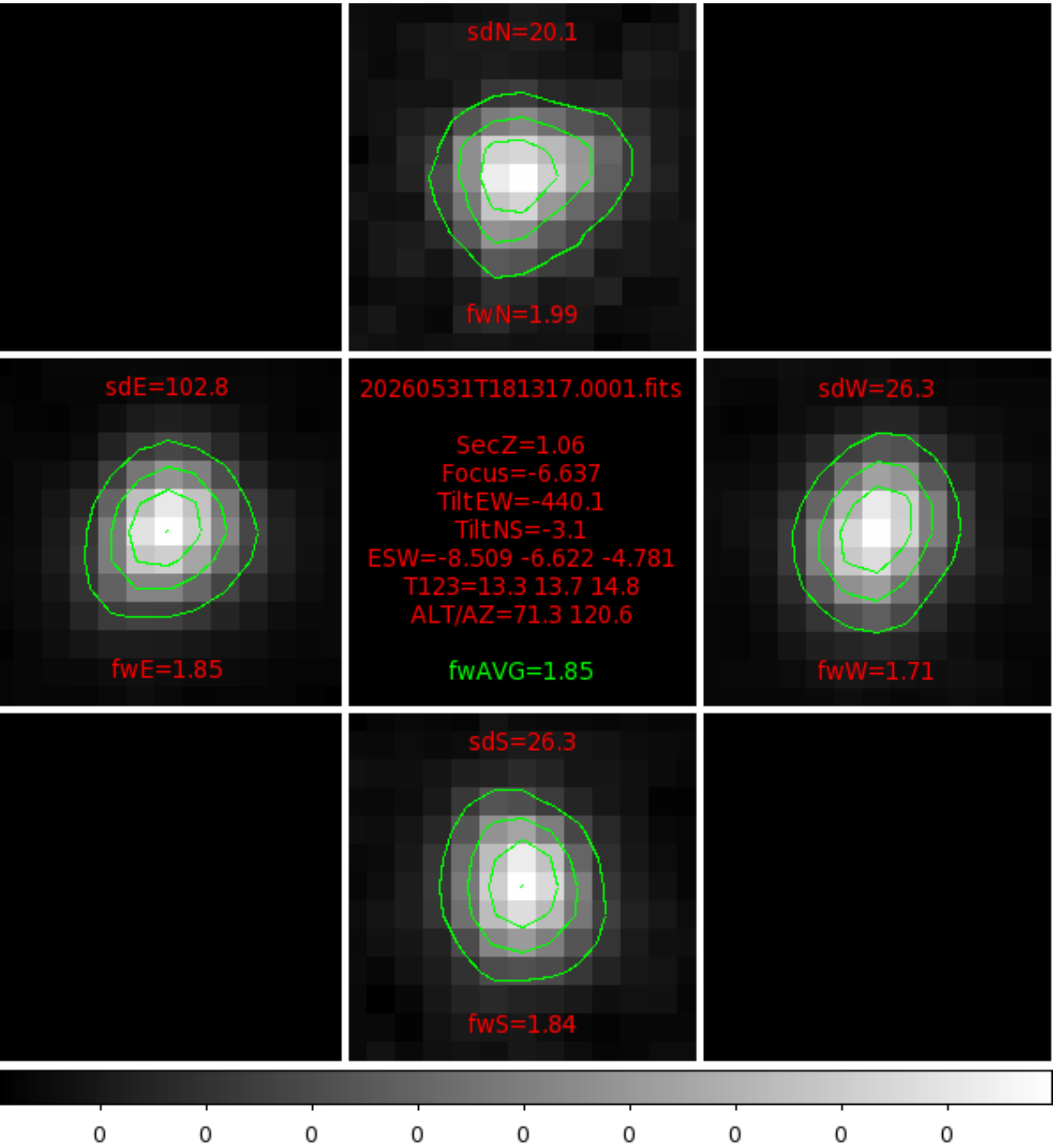
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SecZ=1.06
Focus=-6.637
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.509 -6.622 -4.781
T123=13.3 13.7 14.8
ALT/AZ=71.3 120.6
fwAVG=1.85
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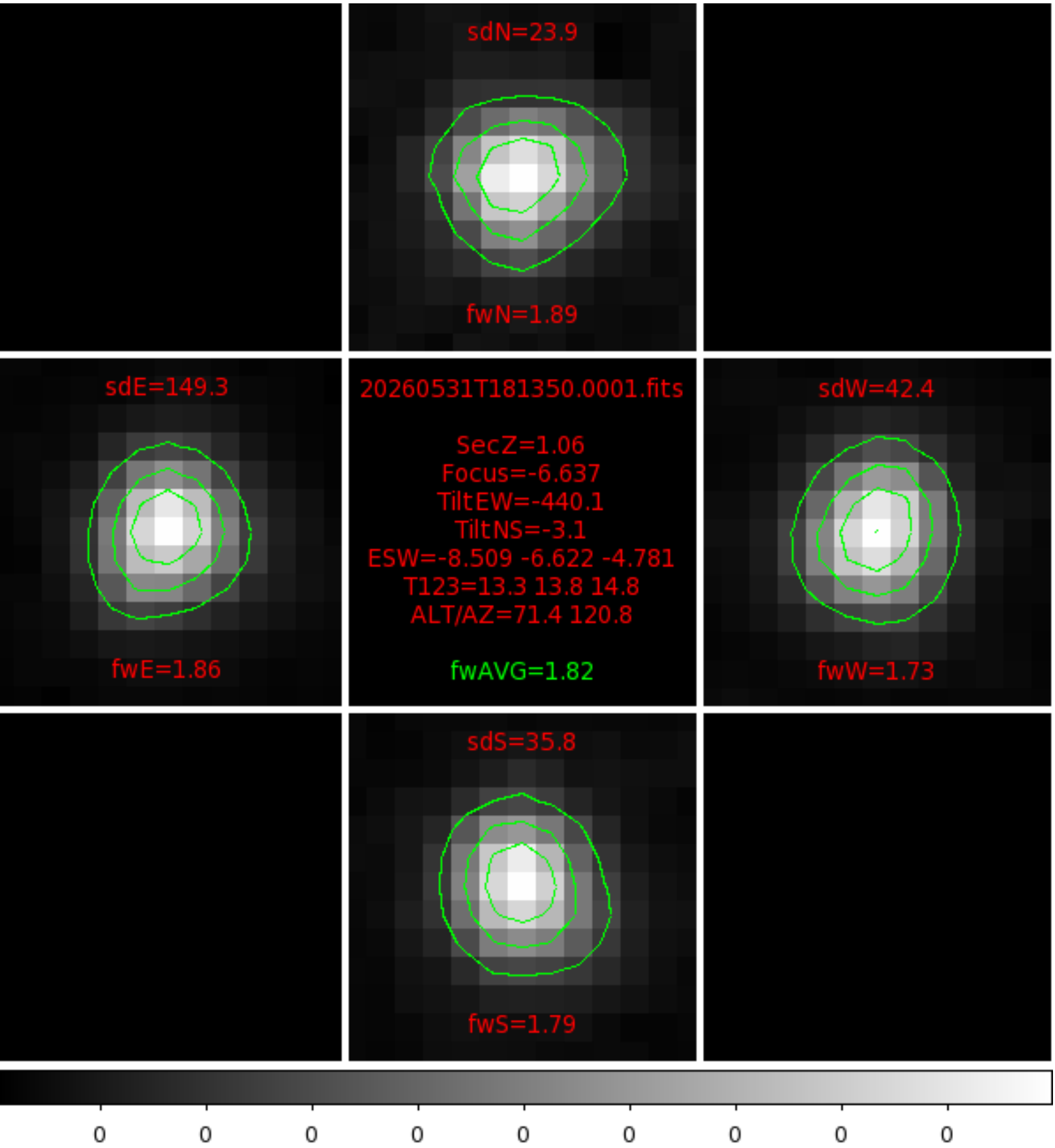
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SecZ=1.06
Focus=-6.637
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.509 -6.622 -4.781
T123=13.3 13.8 14.8
ALT/AZ=71.4 120.8
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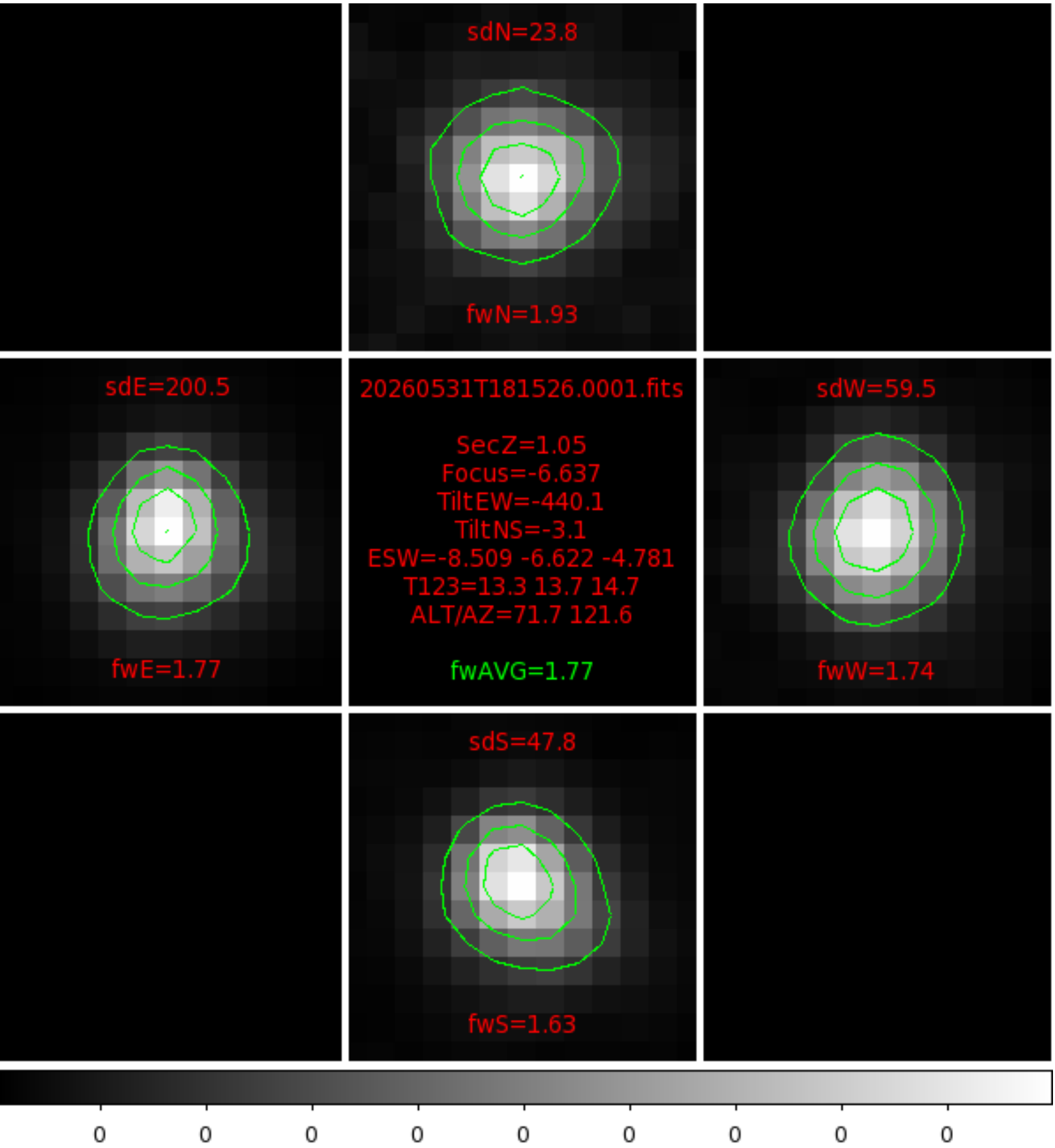
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Focus=-6.637
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.509 -6.622 -4.781
T123=13.3 13.7 14.7
ALT/AZ=71.7 121.6
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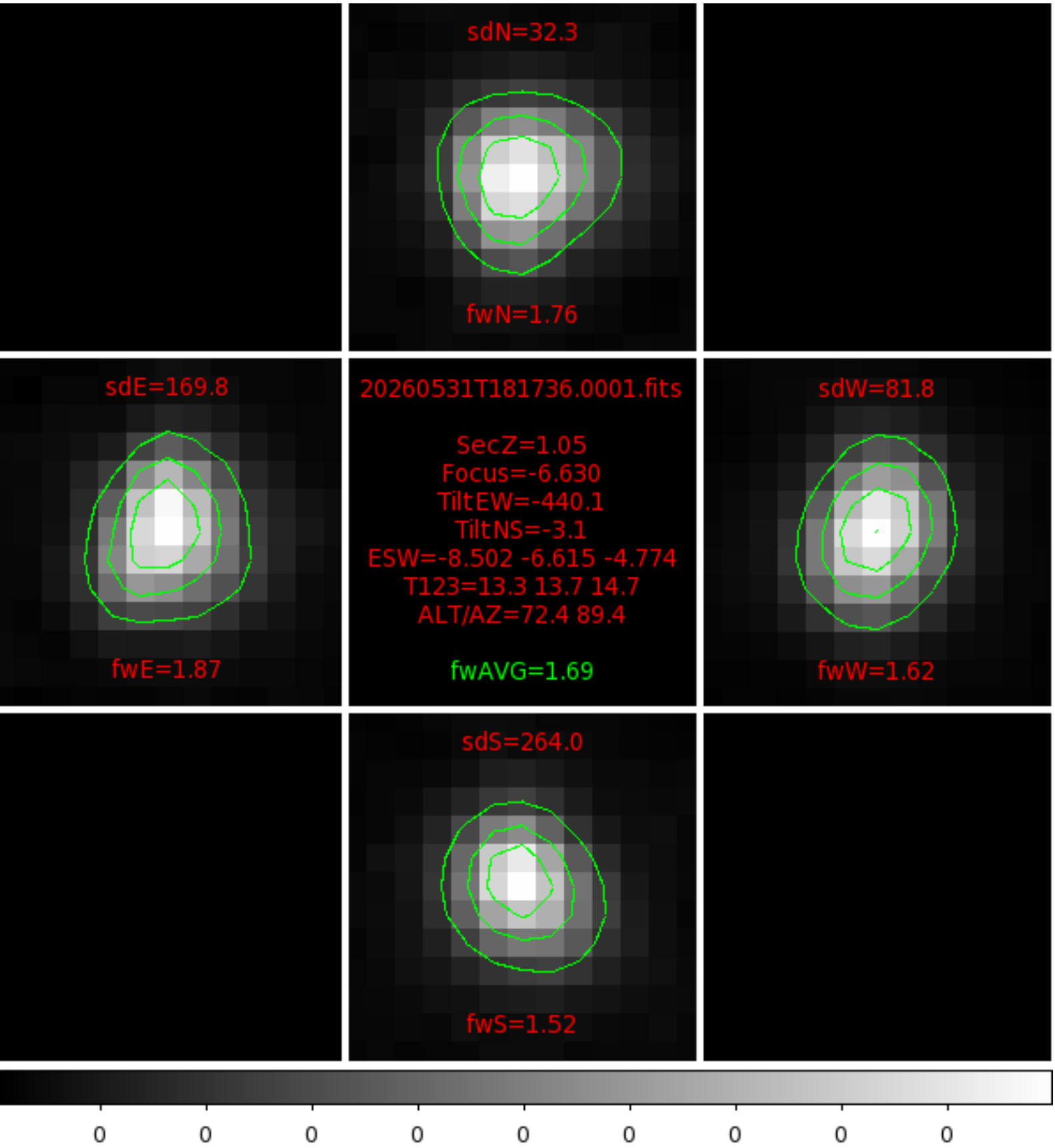
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20260531T181736.0001.fits
SecZ=1.05
Focus=-6.630
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.502 -6.615 -4.774
T123=13.3 13.7 14.7
ALT/AZ=72.4 89.4
fwAVG=1.69
sdW=81.8
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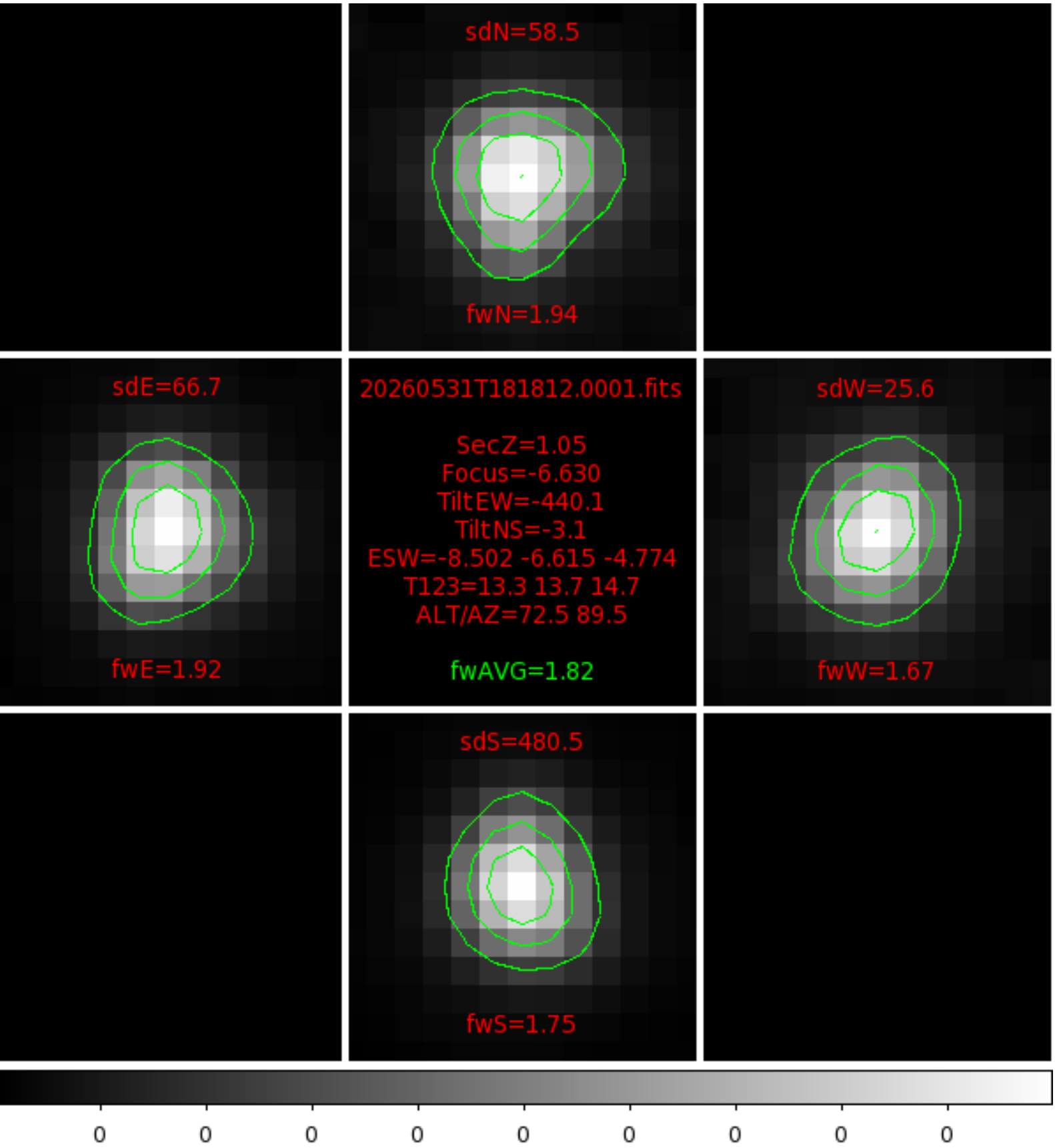
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SecZ=1.05
Focus=-6.630
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.502 -6.615 -4.774
T123=13.3 13.7 14.7
ALT/AZ=72.5 89.5
fwAVG=1.82
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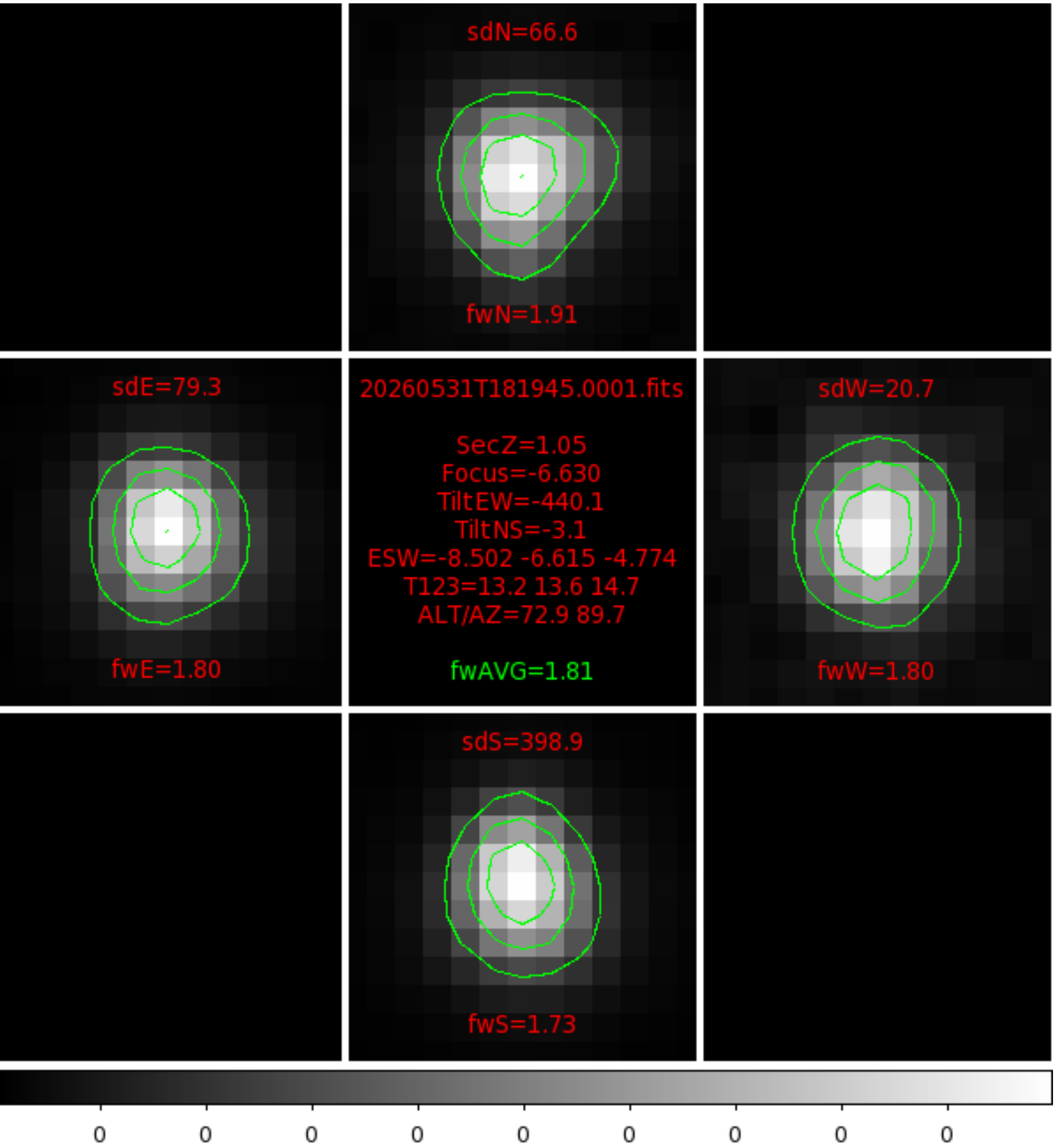
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sdE=79.3
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SecZ=1.05
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.502 -6.615 -4.774
T123=13.2 13.6 14.7
ALT/AZ=72.9 89.7
fwAVG=1.81
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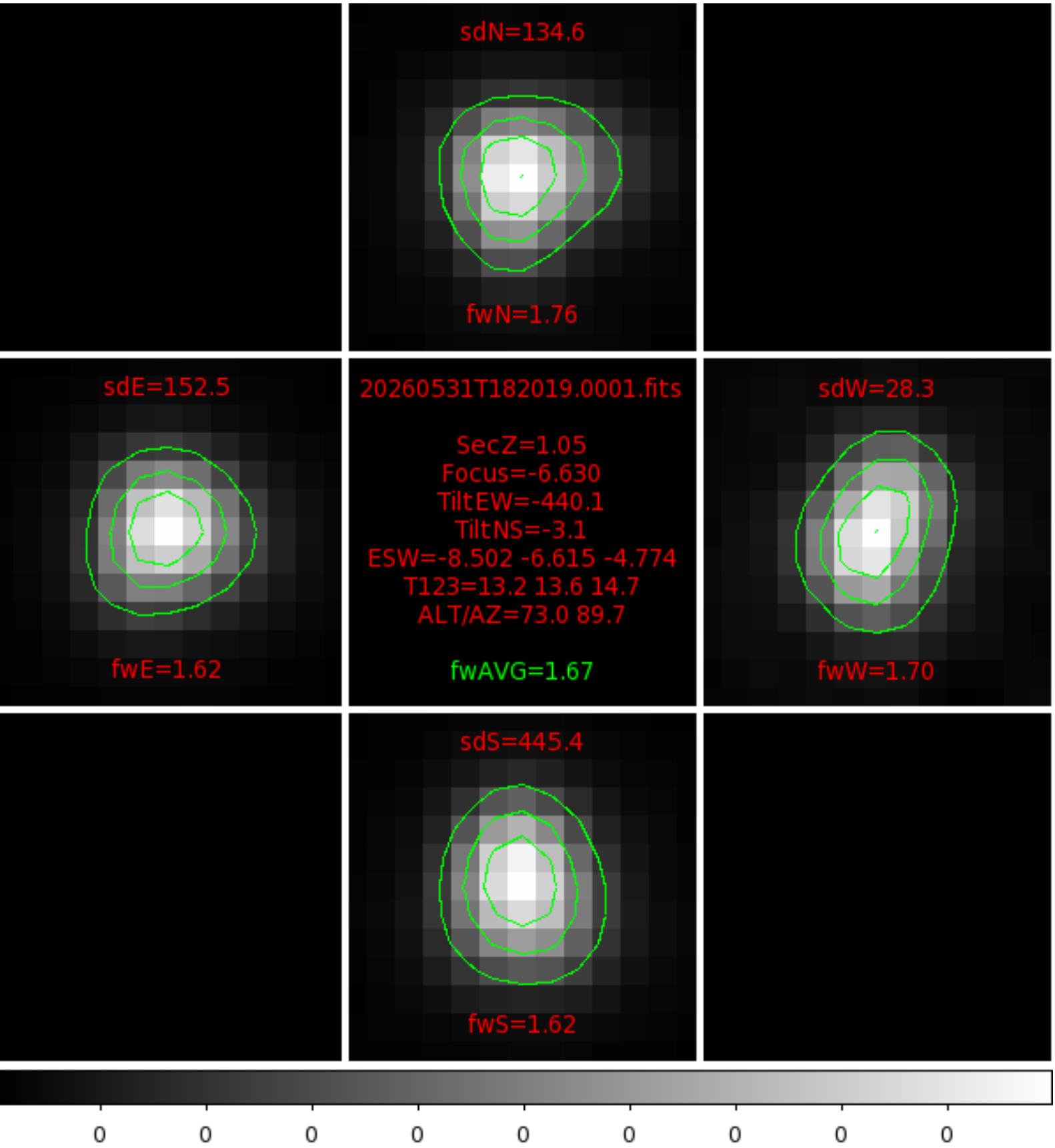
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sdE=152.5
fwE=1.62
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SecZ=1.05
Focus=-6.630
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.502 -6.615 -4.774
T123=13.2 13.6 14.7
ALT/AZ=73.0 89.7
fwAVG=1.67
sdW=28.3
fwW=1.70
sdS=445.4
fwS=1.62
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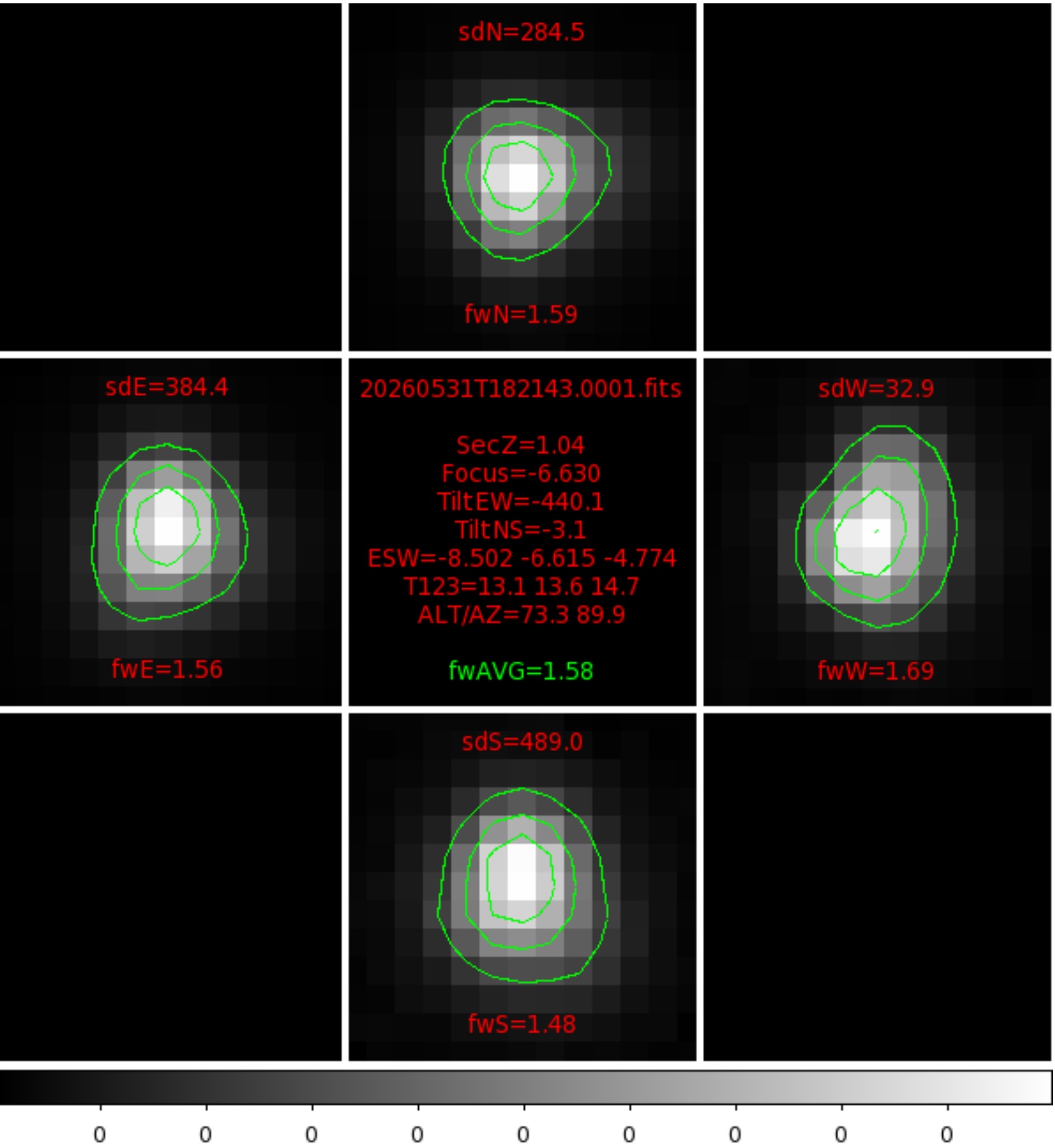
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ESW=-8.502 -6.615 -4.774
T123=13.1 13.6 14.7
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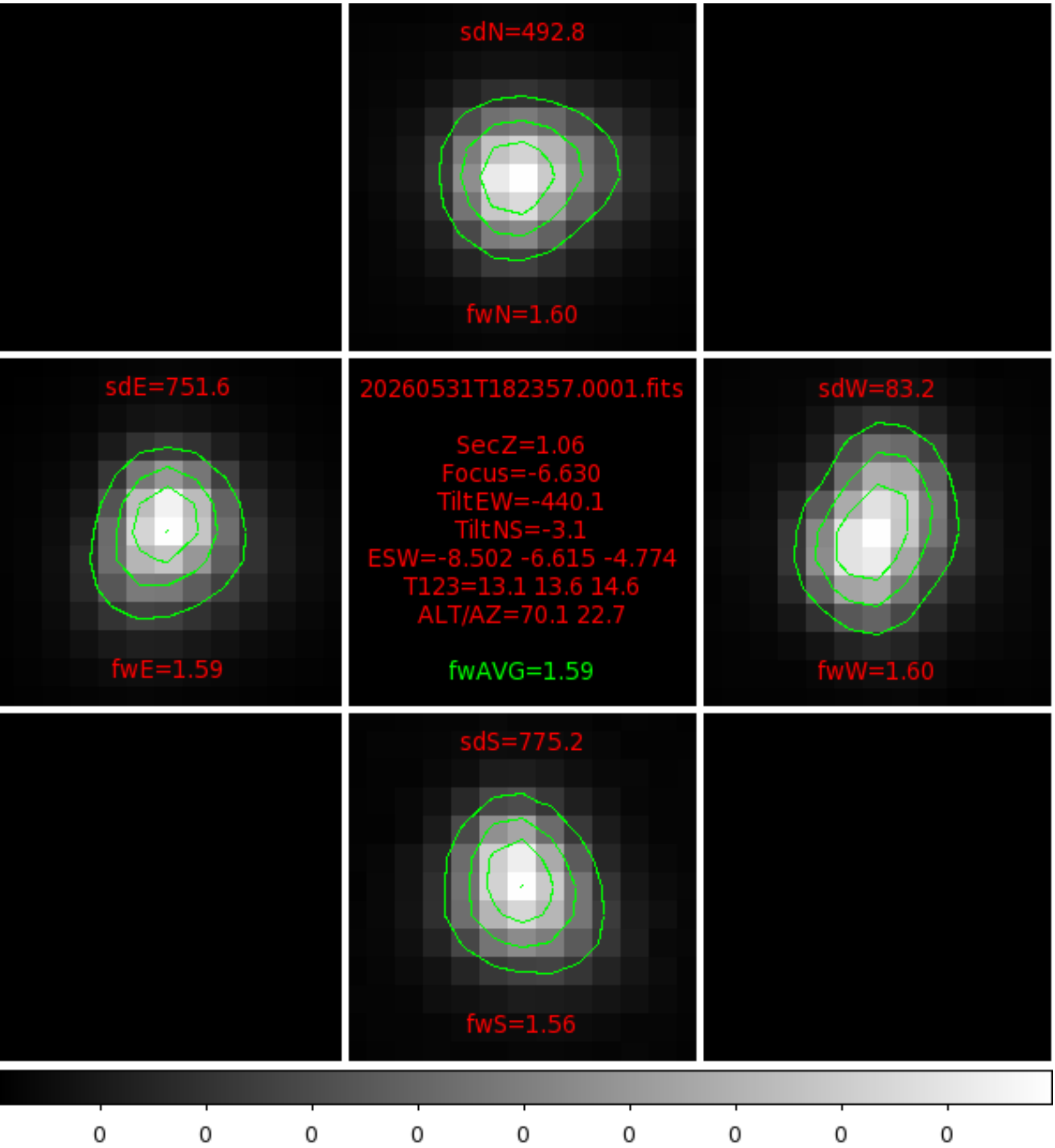
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ESW=-8.502 -6.615 -4.774
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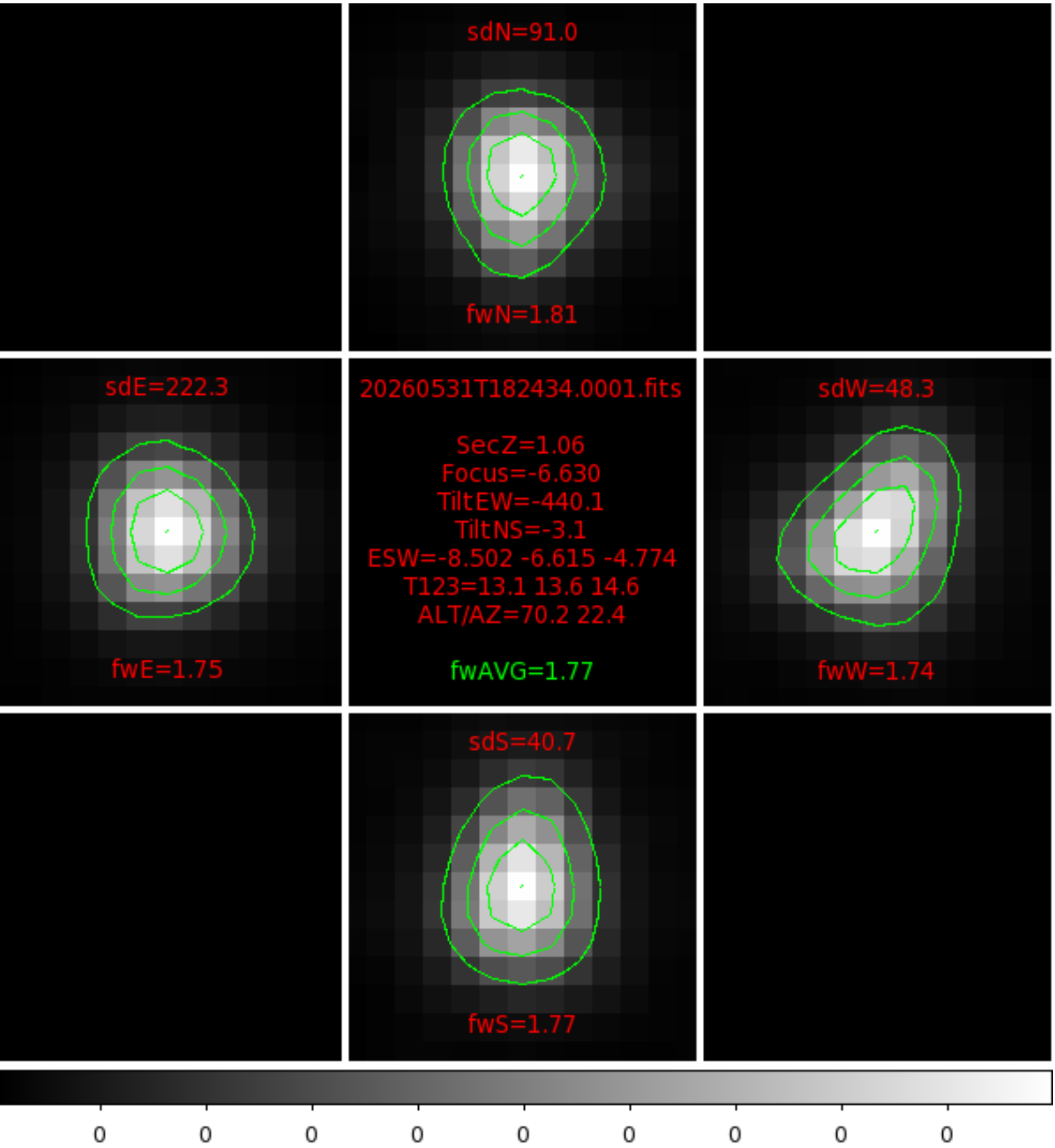
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T123=13.1 13.6 14.6
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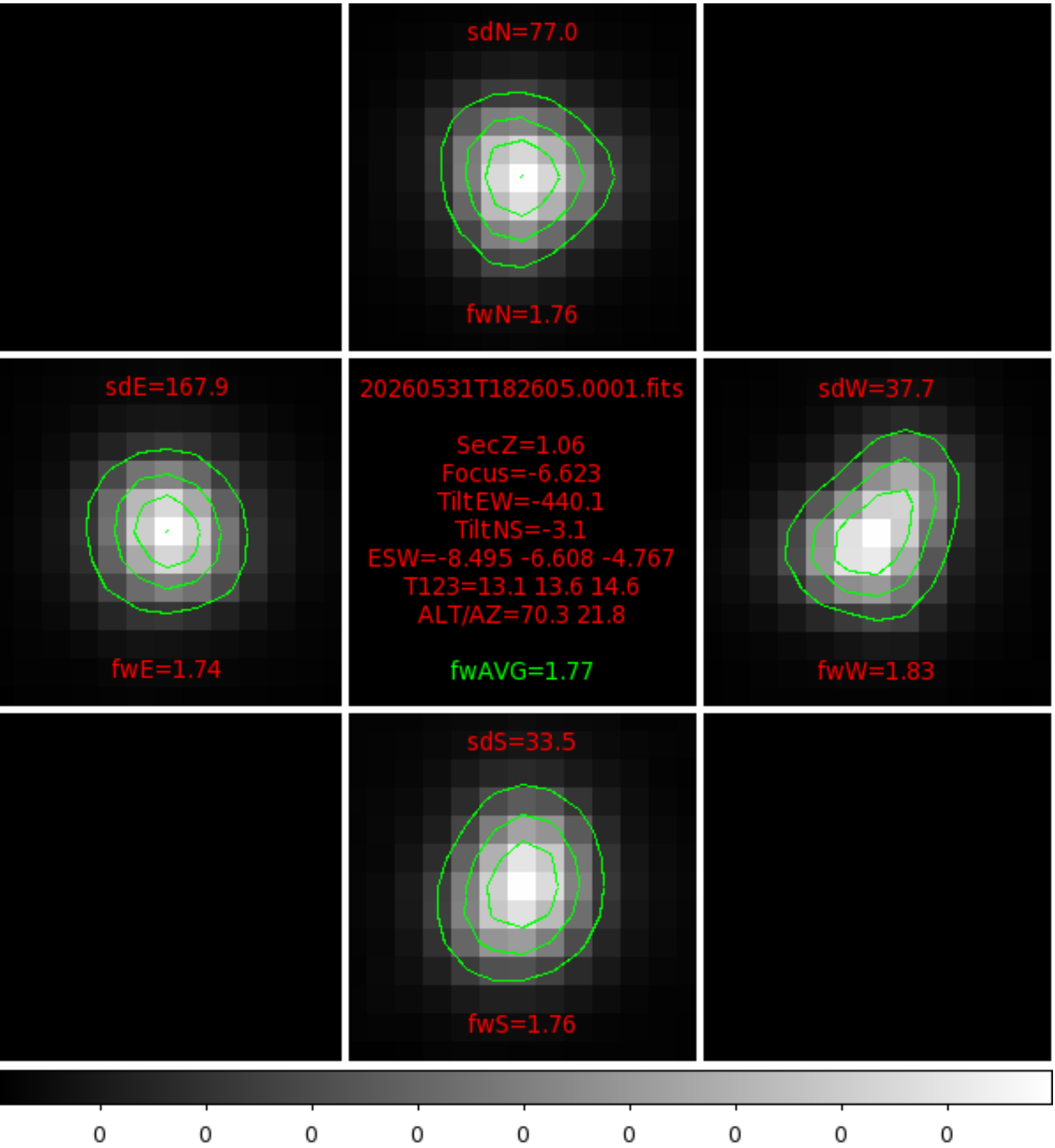
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TiltNS=-3.1
ESW=-8.495 -6.608 -4.767
T123=13.1 13.6 14.6
ALT/AZ=70.3 21.8
fwAVG=1.77
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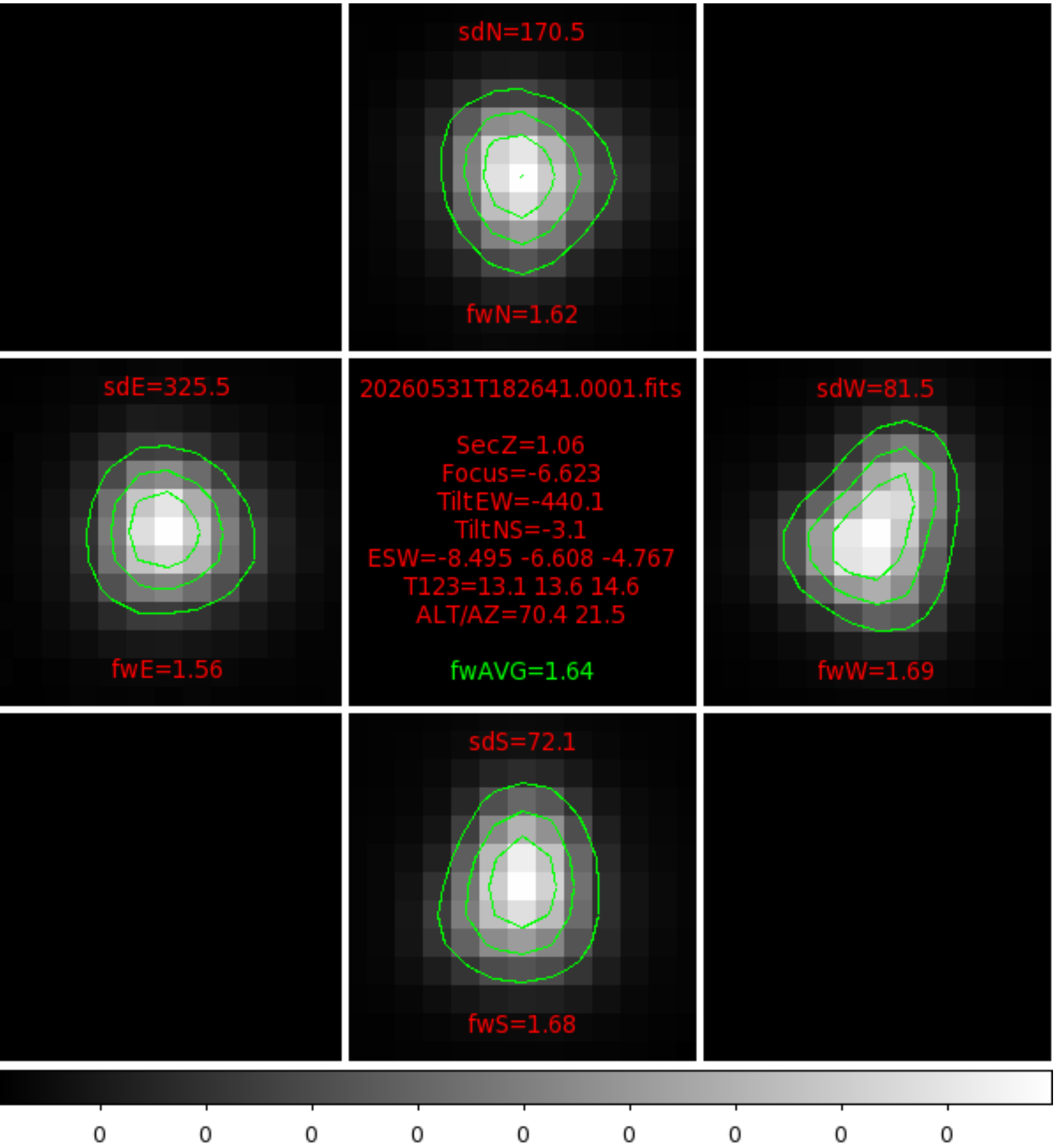
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TiltNS=-3.1
ESW=-8.495 -6.608 -4.767
T123=13.1 13.6 14.6
ALT/AZ=70.4 21.5
fwAVG=1.64
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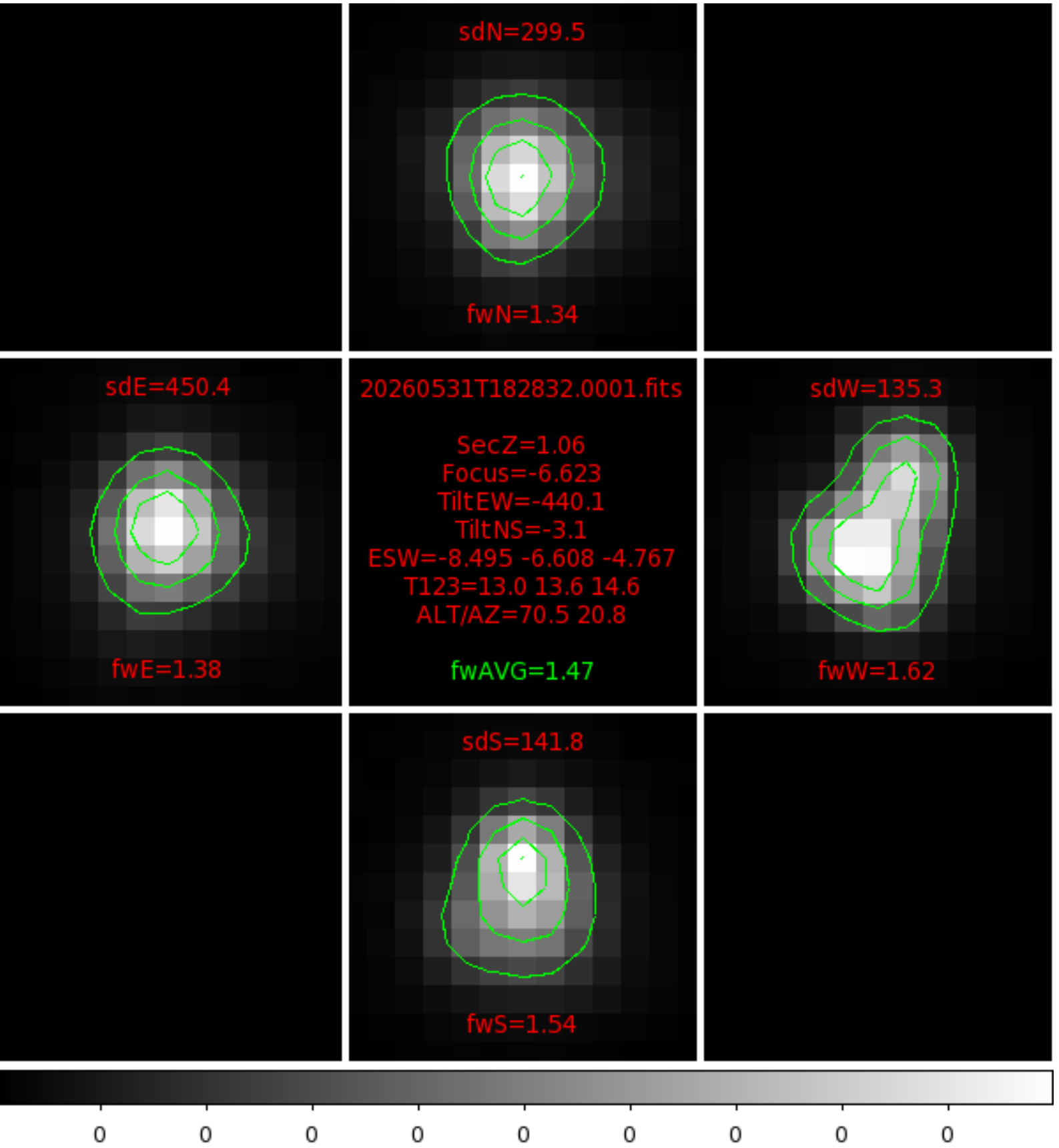
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TiltNS=-3.1
ESW=-8.495 -6.608 -4.767
T123=13.0 13.6 14.6
ALT/AZ=70.5 20.8
fwAVG=1.47
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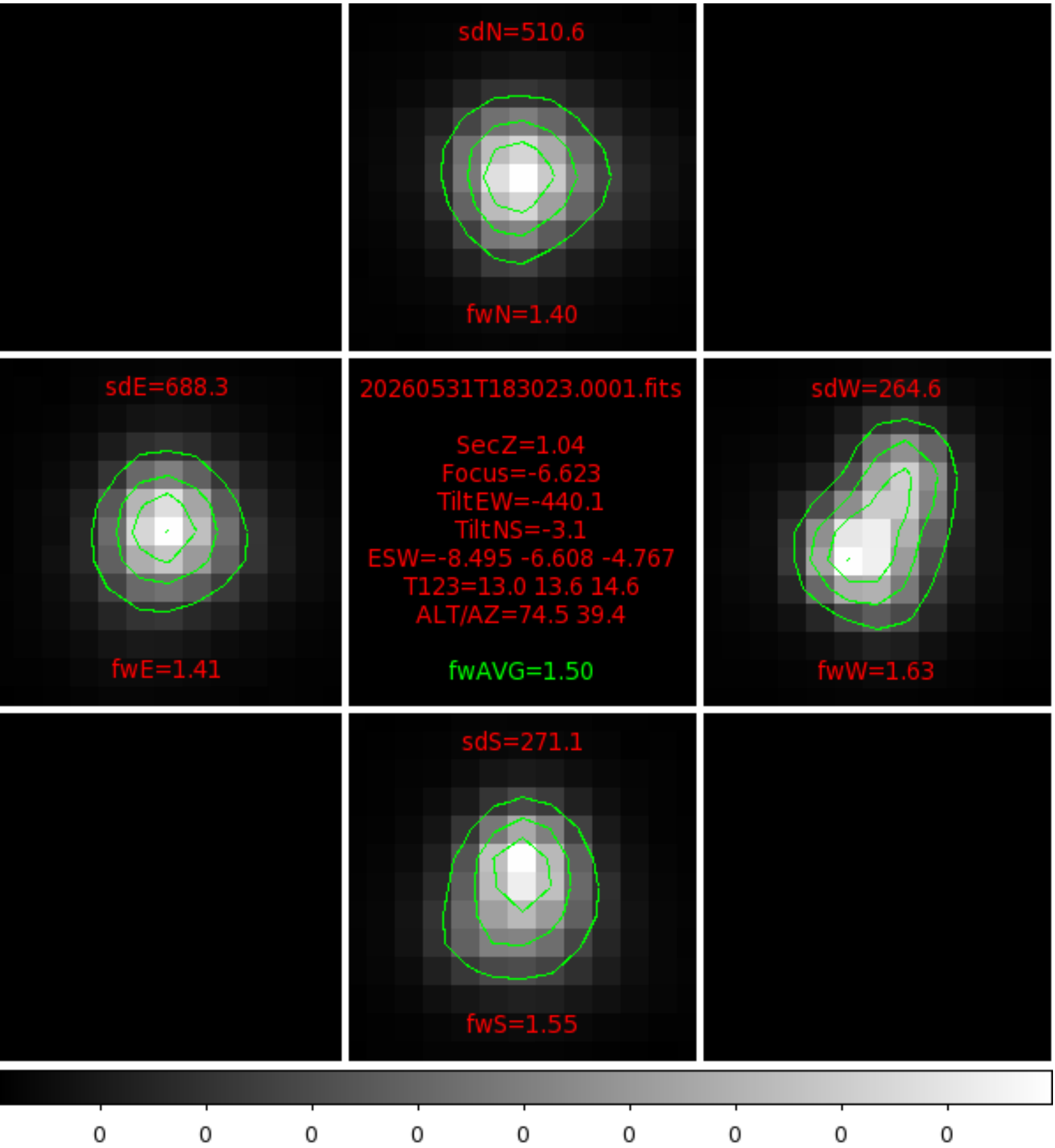
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SecZ=1.04
Focus=-6.623
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.495 -6.608 -4.767
T123=13.0 13.6 14.6
ALT/AZ=74.5 39.4
fwAVG=1.50
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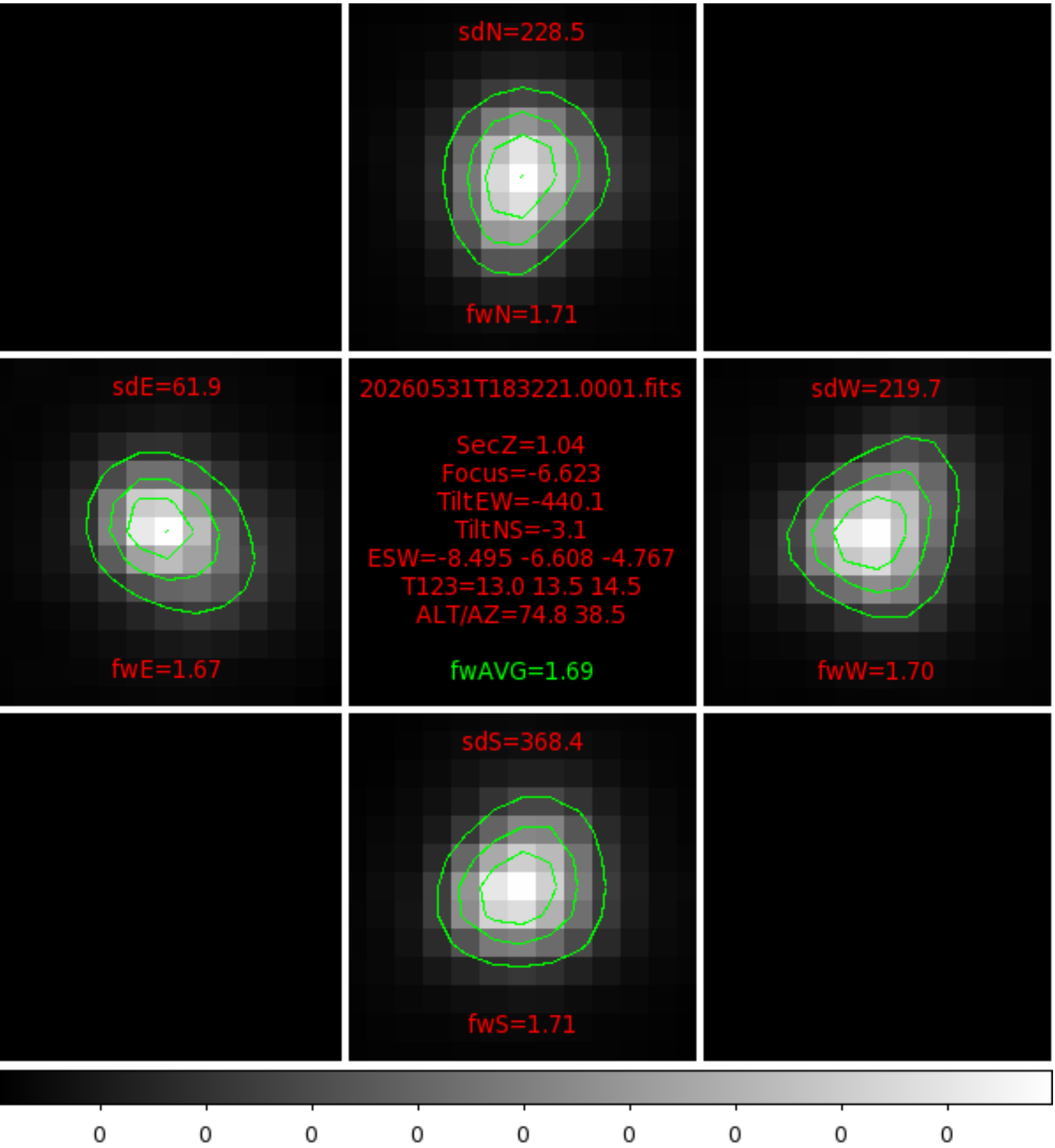
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SecZ=1.04
Focus=-6.623
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.495 -6.608 -4.767
T123=13.0 13.5 14.5
ALT/AZ=74.8 38.5
fwAVG=1.69
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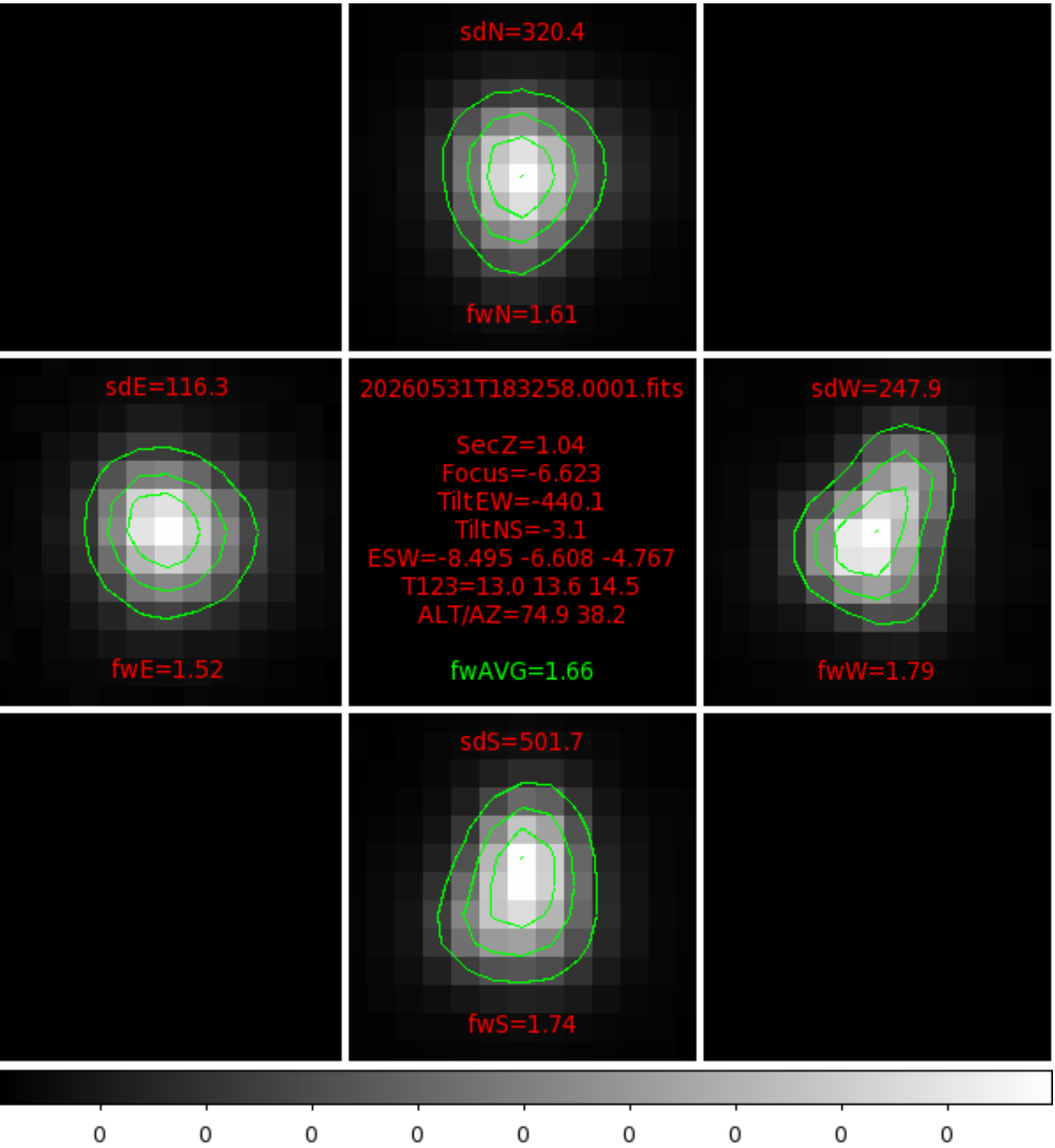
sdN=320.4
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20260531T183258.0001.fits
SecZ=1.04
Focus=-6.623
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TiltNS=-3.1
ESW=-8.495 -6.608 -4.767
T123=13.0 13.6 14.5
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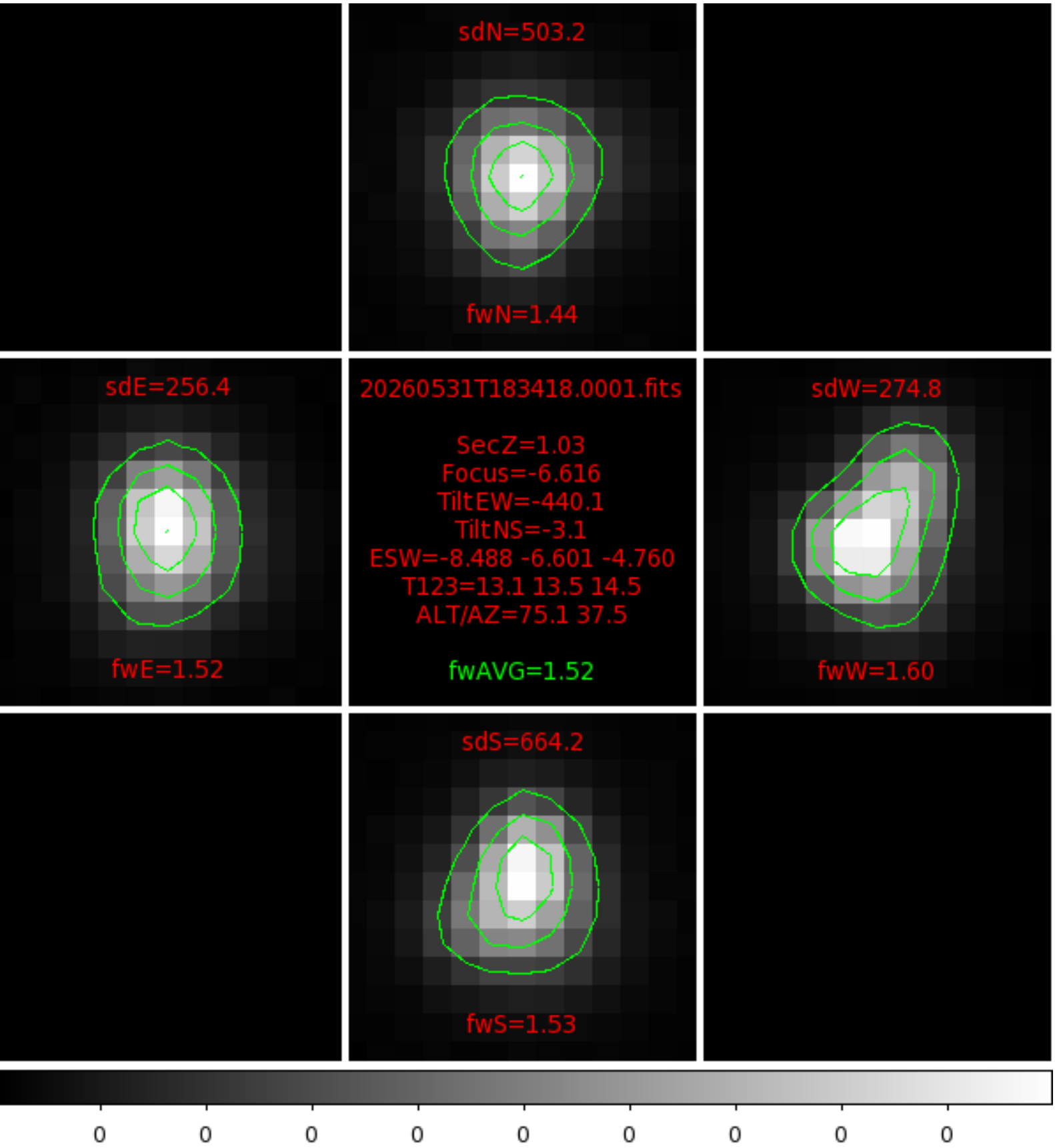
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SecZ=1.03
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TiltNS=-3.1
ESW=-8.488 -6.601 -4.760
T123=13.1 13.5 14.5
ALT/AZ=75.1 37.5
fwAVG=1.52
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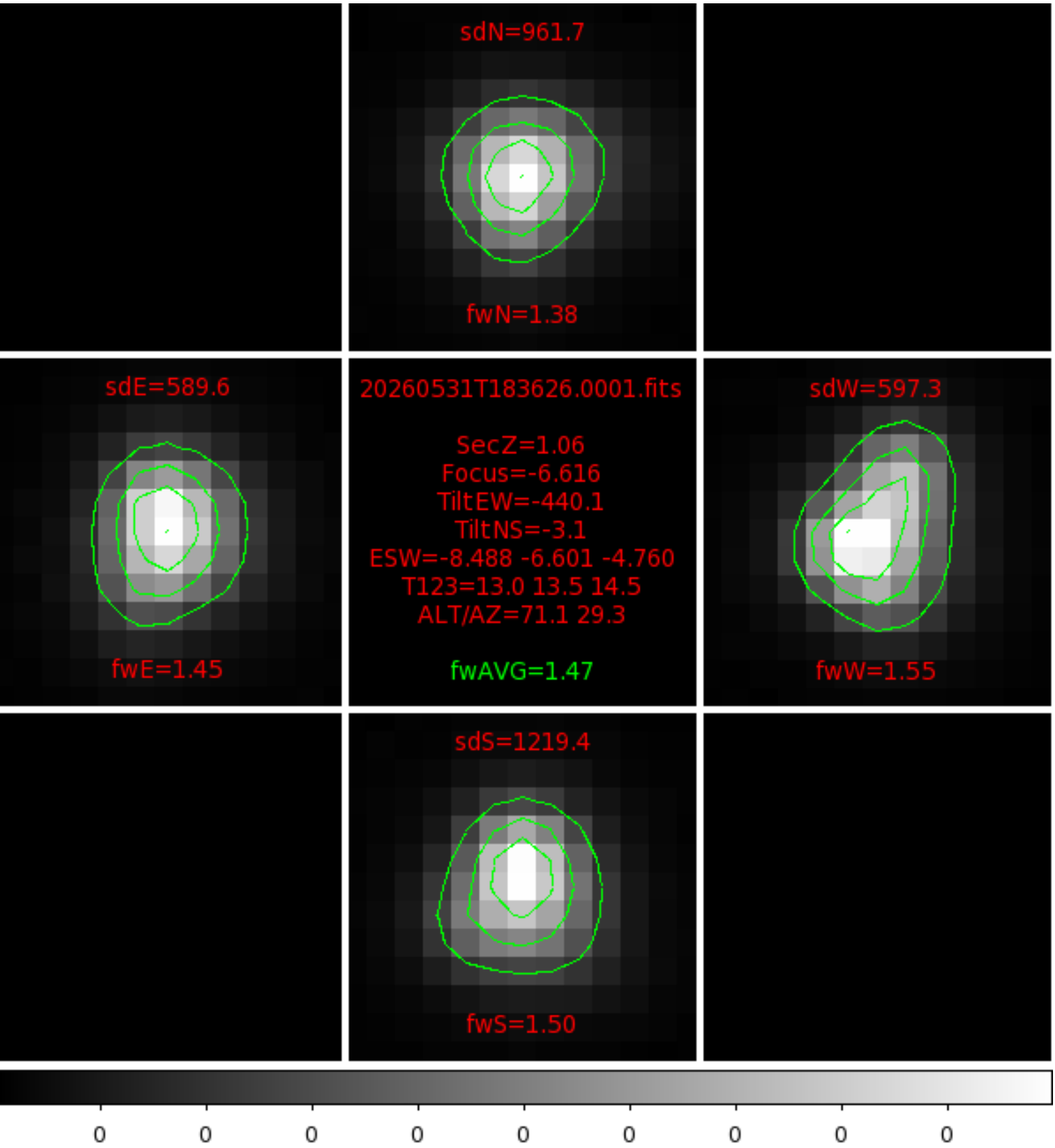
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TiltNS=-3.1
ESW=-8.488 -6.601 -4.760
T123=13.0 13.5 14.5
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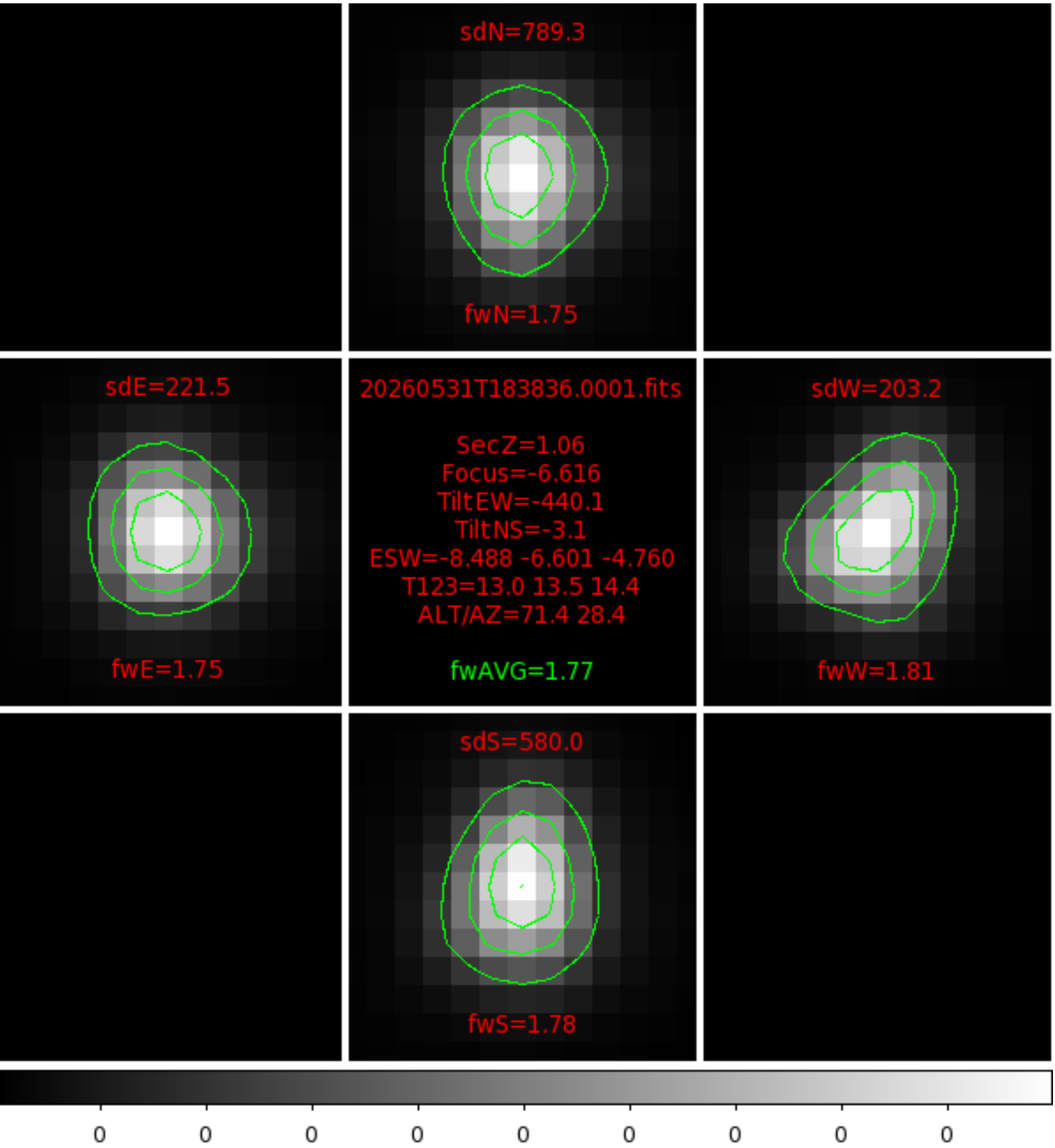
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ESW=-8.488 -6.601 -4.760
T123=13.0 13.5 14.4
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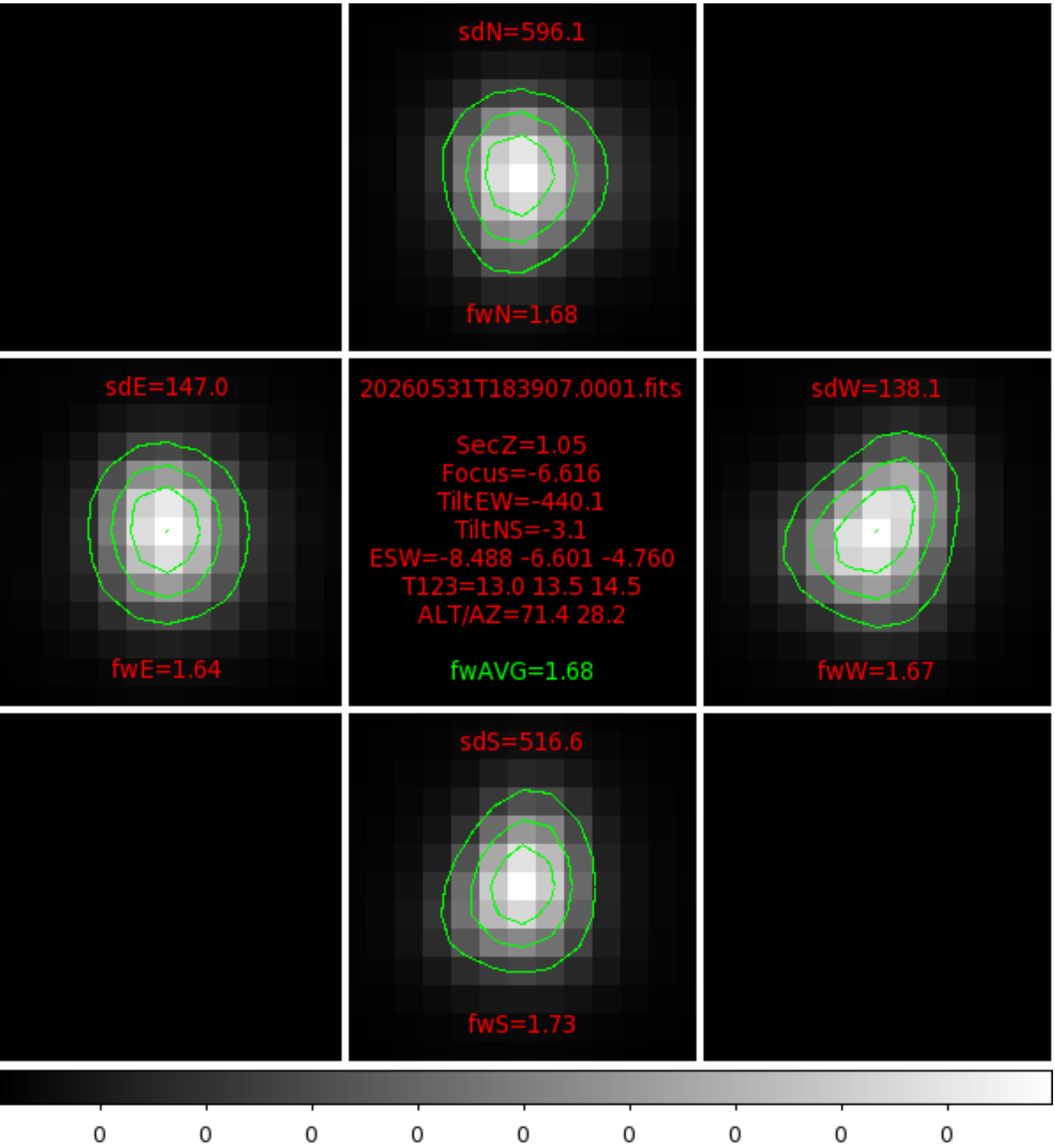
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TiltNS=-3.1
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T123=13.0 13.5 14.5
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fwAVG=1.68
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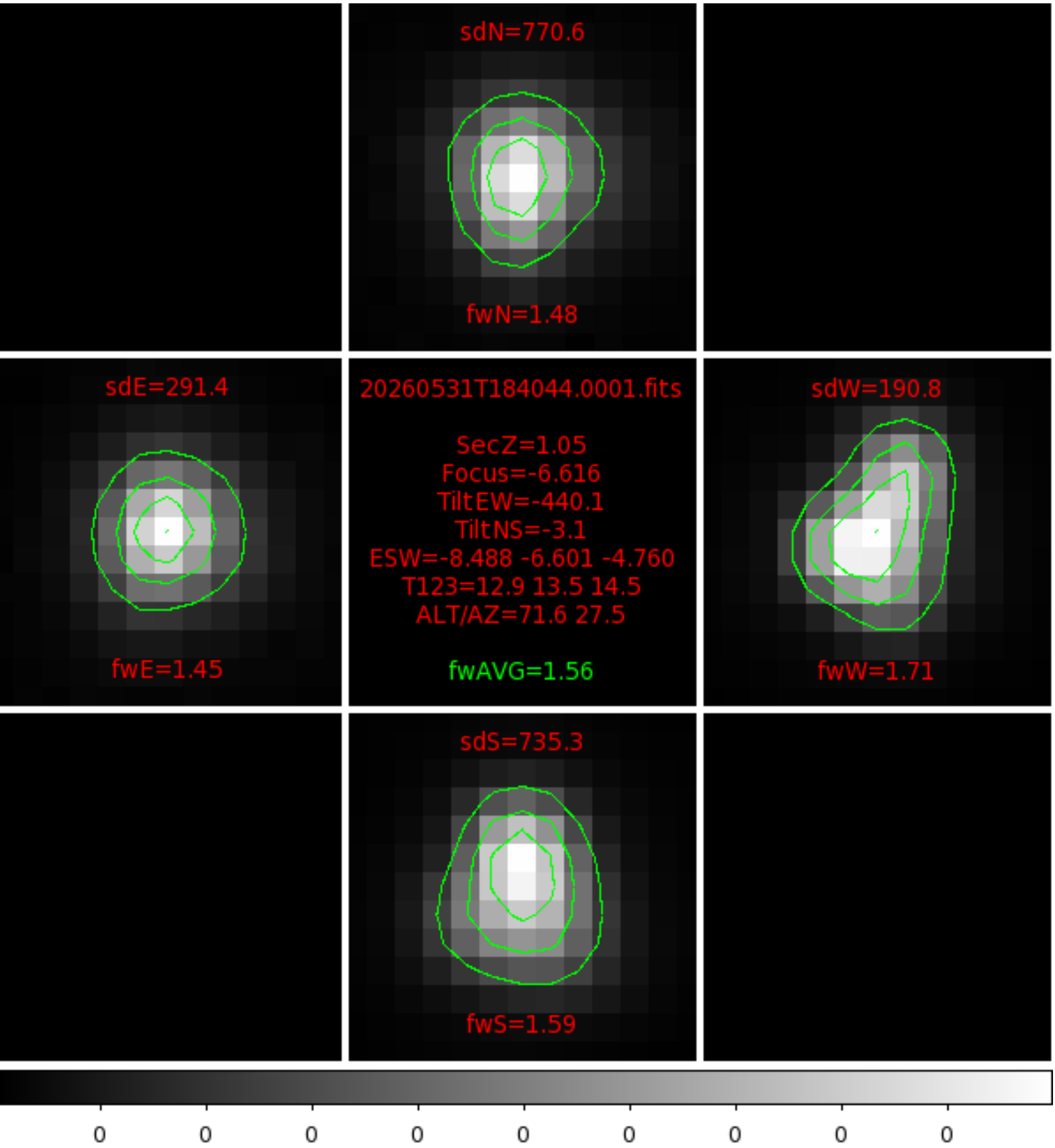
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.488 -6.601 -4.760
T123=12.9 13.5 14.5
ALT/AZ=71.6 27.5
fwAVG=1.56
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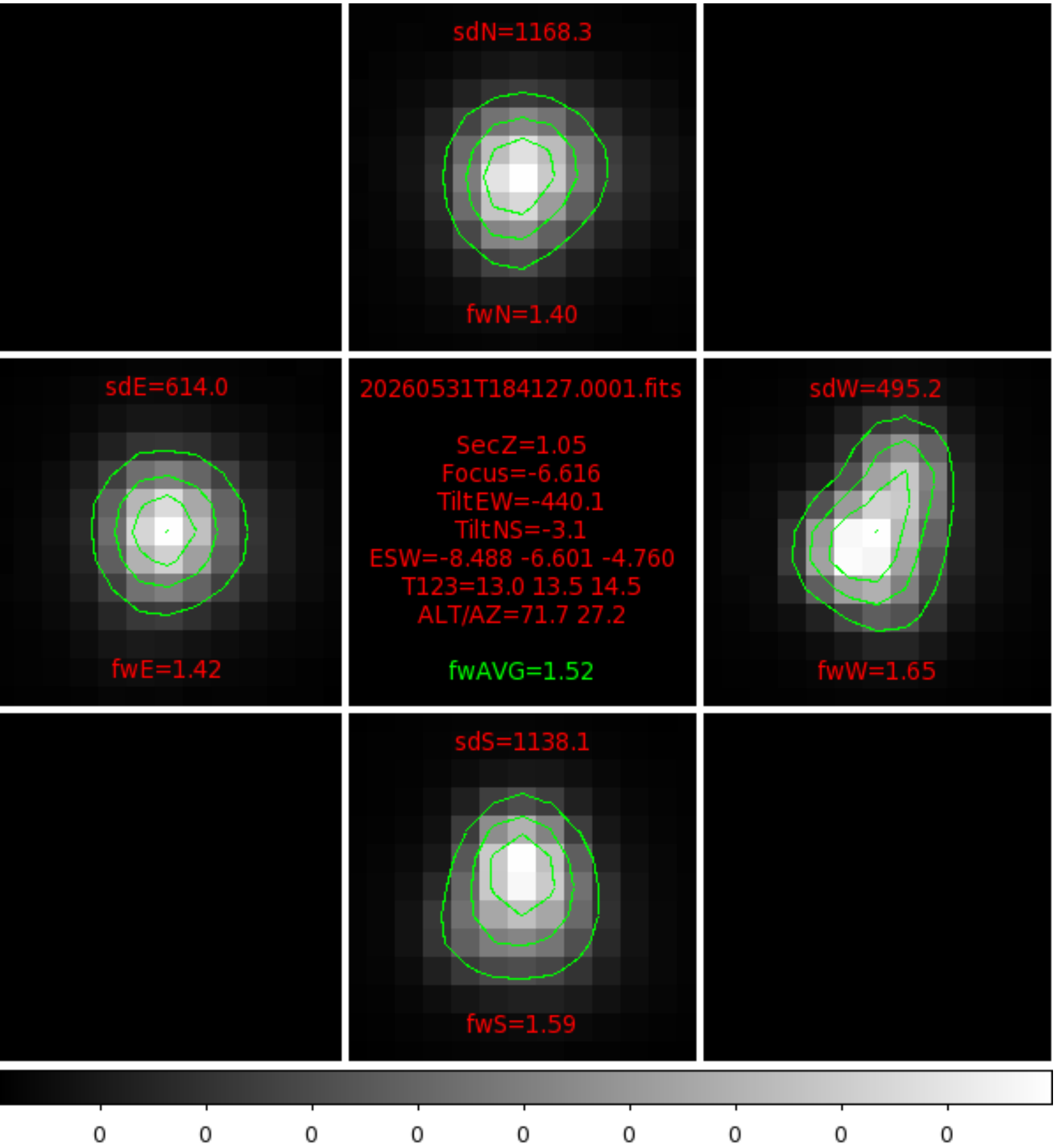
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ESW=-8.488 -6.601 -4.760
T123=13.0 13.5 14.5
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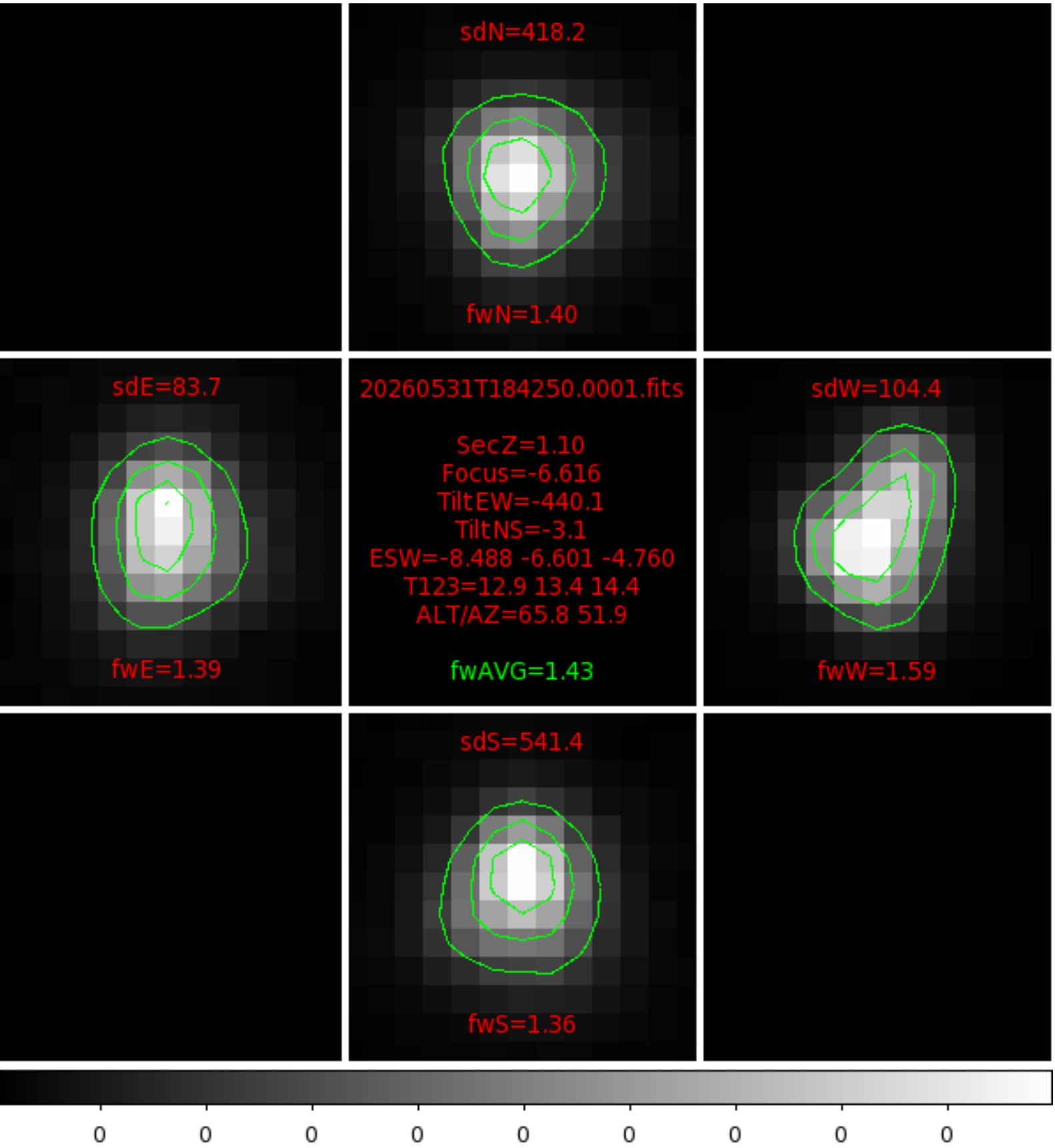
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.488 -6.601 -4.760
T123=12.9 13.4 14.4
ALT/AZ=65.8 51.9
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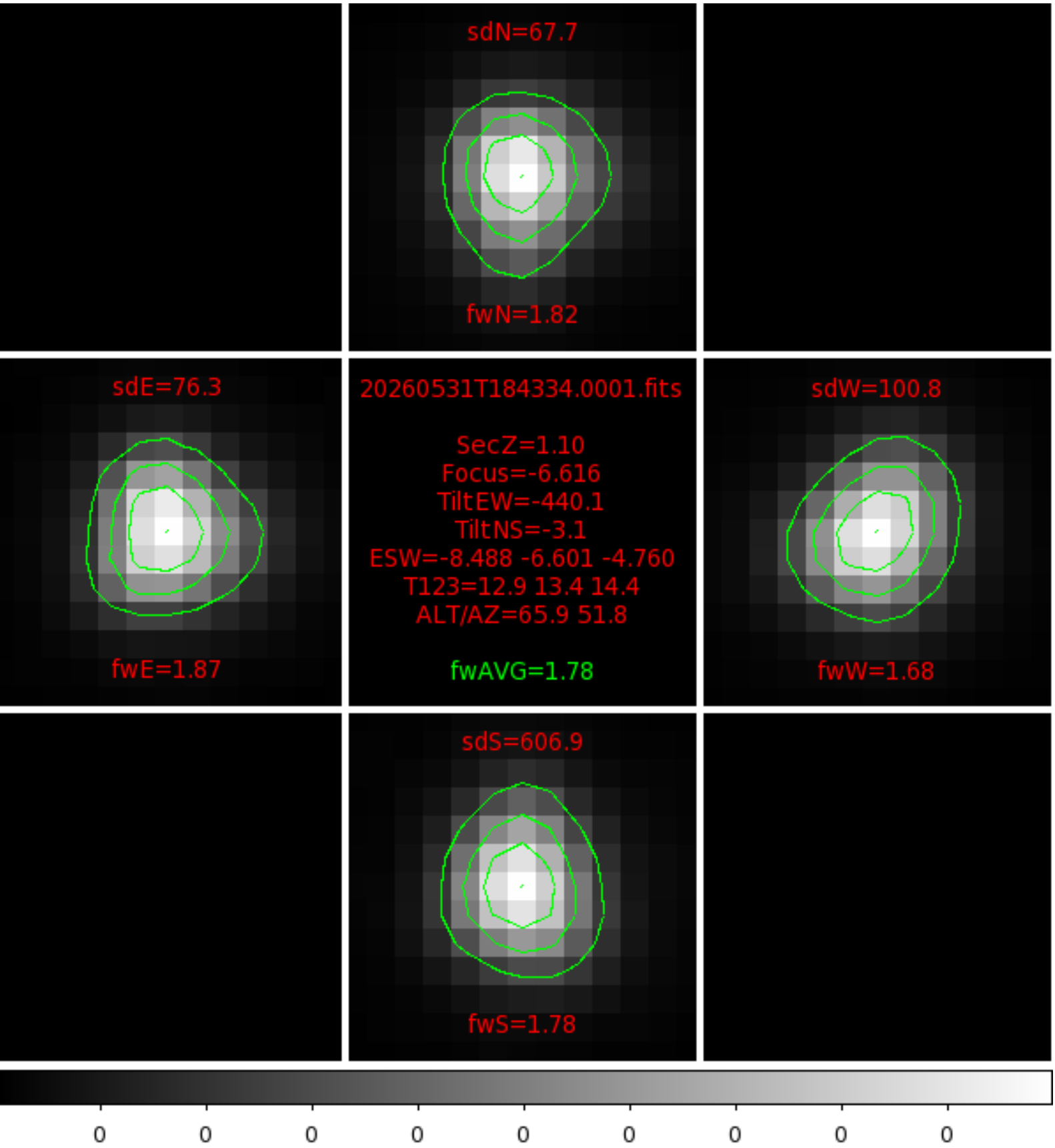
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.488 -6.601 -4.760
T123=12.9 13.4 14.4
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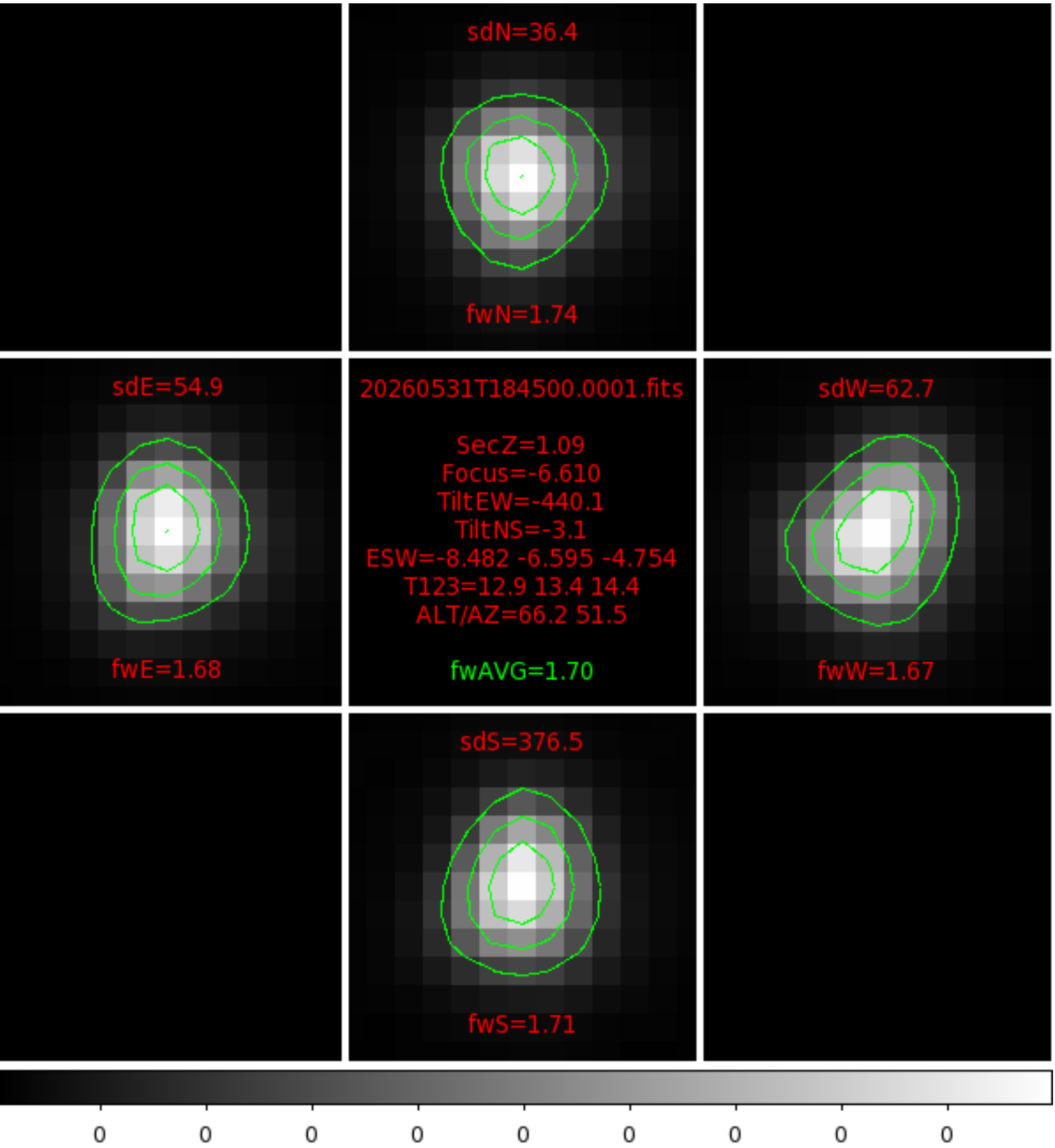
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SecZ=1.09
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.482 -6.595 -4.754
T123=12.9 13.4 14.4
ALT/AZ=66.2 51.5
fwAVG=1.70
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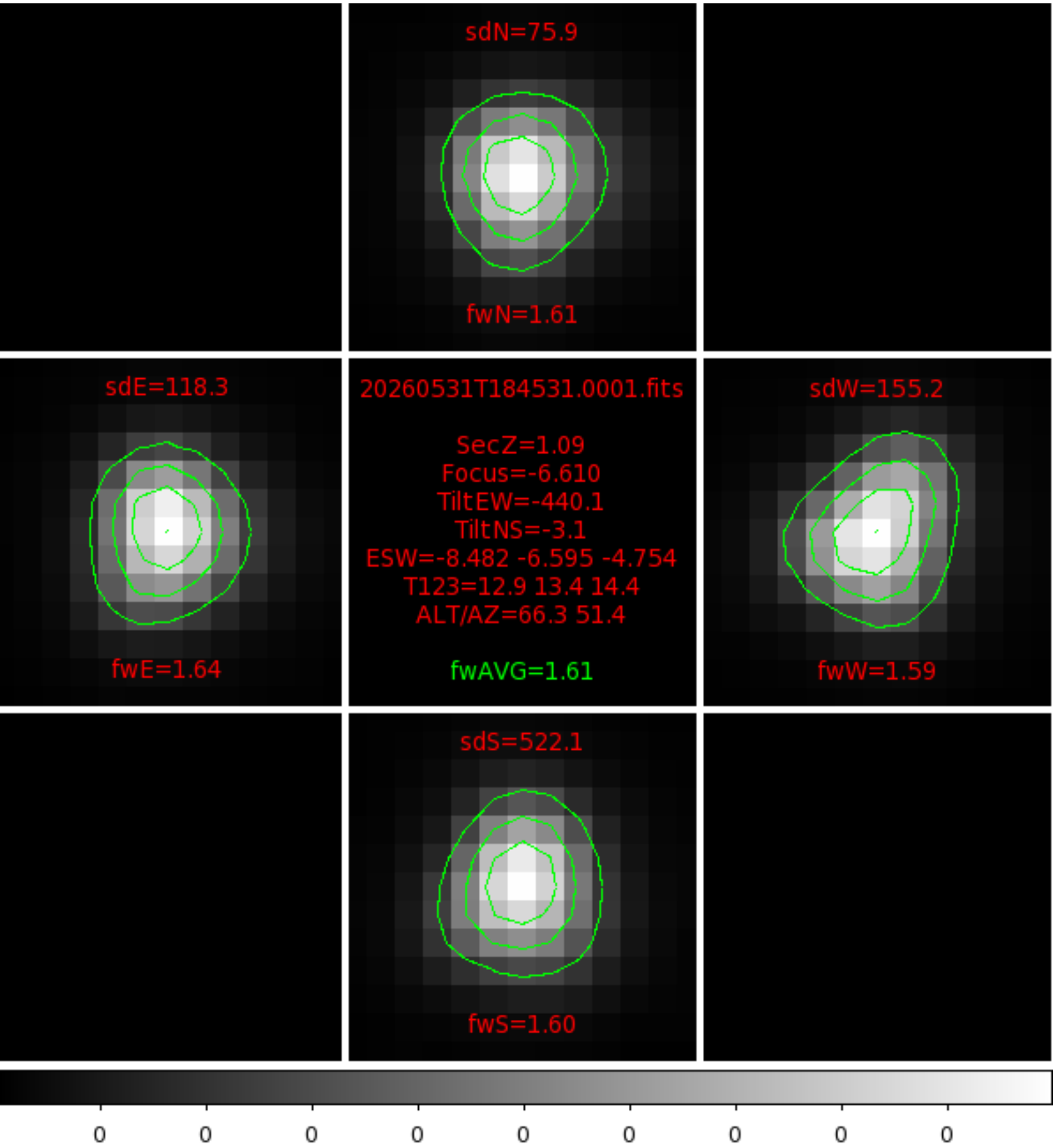
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fwE=1.64
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.482 -6.595 -4.754
T123=12.9 13.4 14.4
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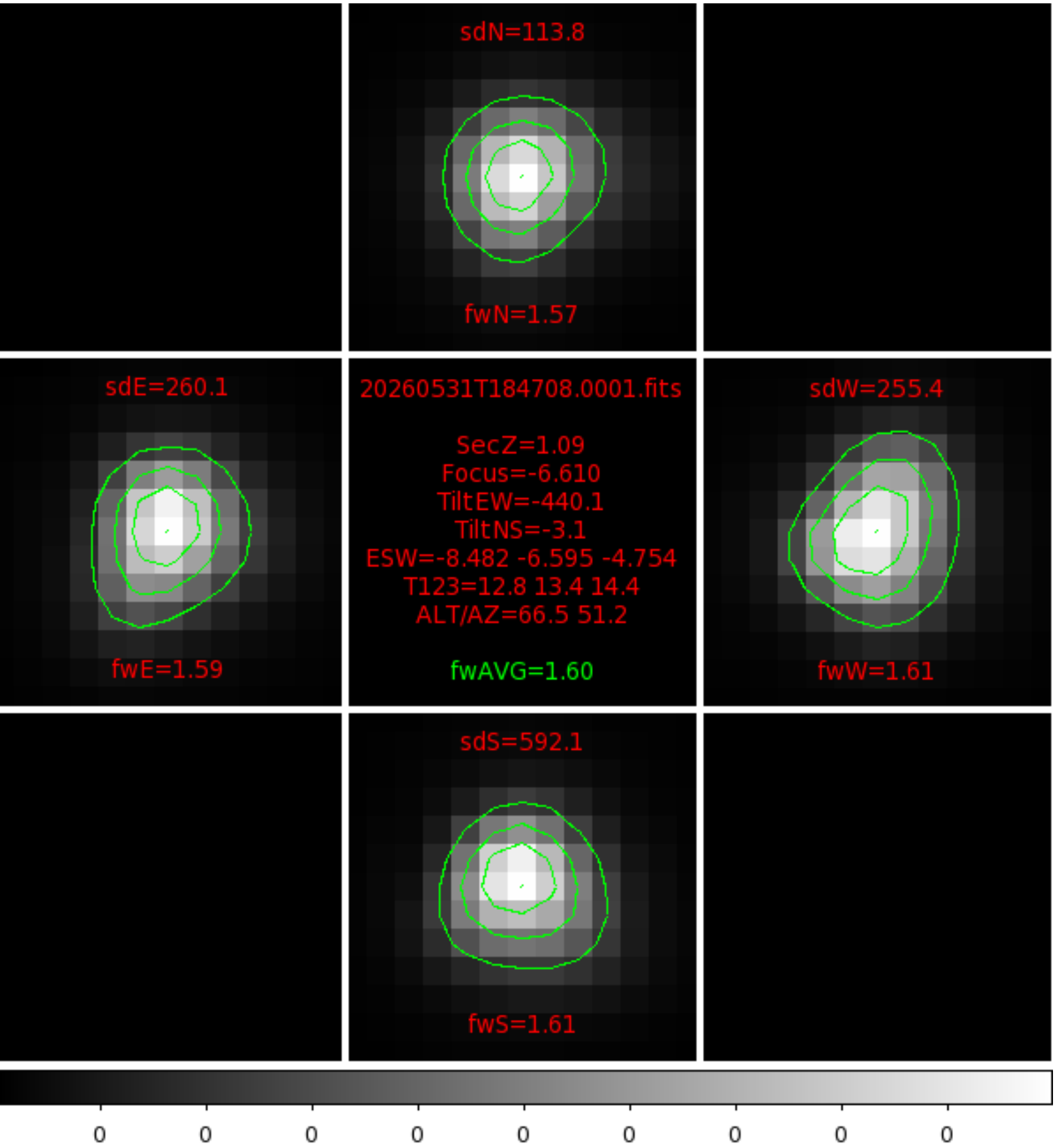
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ESW=-8.482 -6.595 -4.754
T123=12.8 13.4 14.4
ALT/AZ=66.5 51.2
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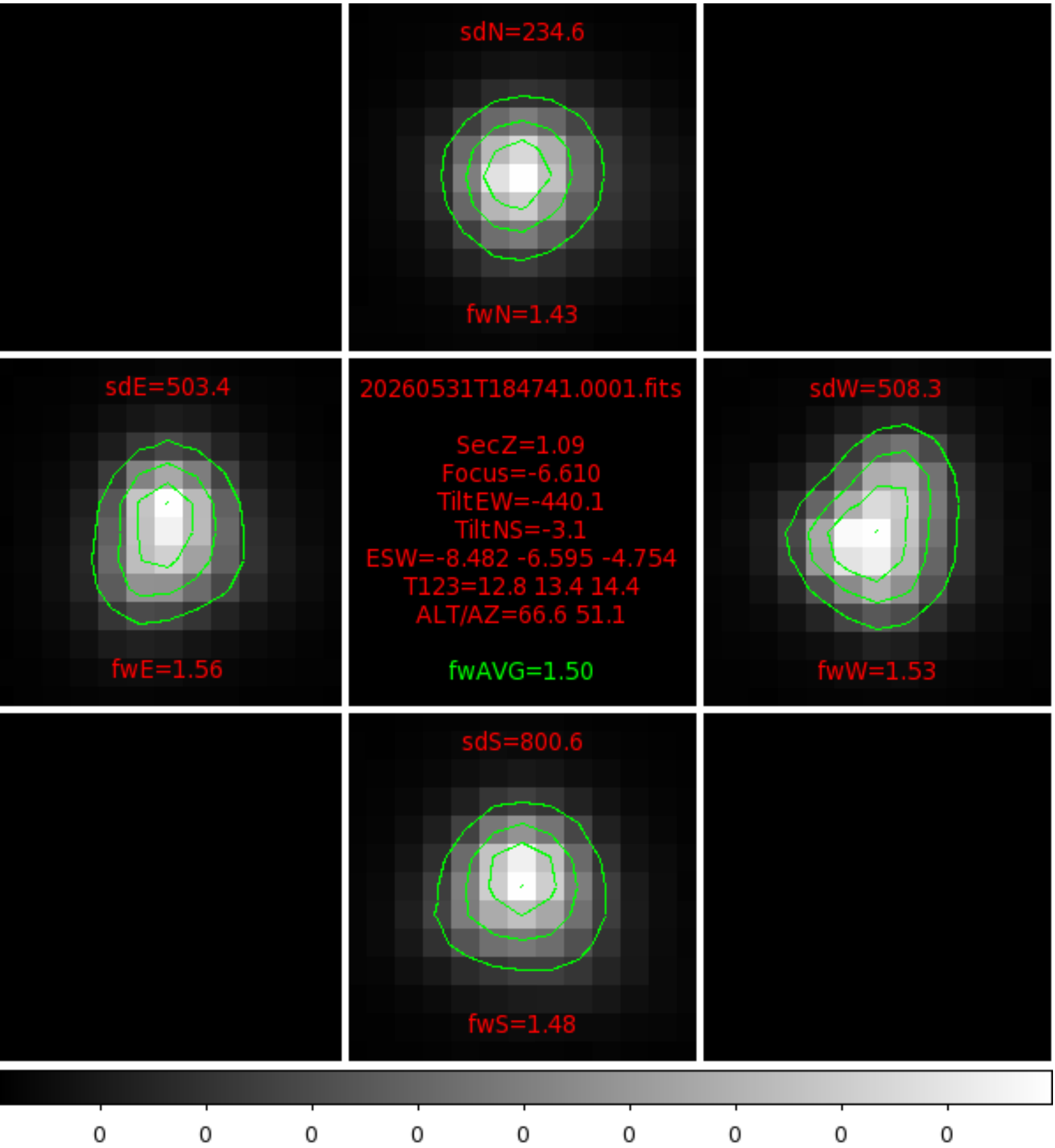
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TiltNS=-3.1
ESW=-8.482 -6.595 -4.754
T123=12.8 13.4 14.4
ALT/AZ=66.6 51.1
fwAVG=1.50
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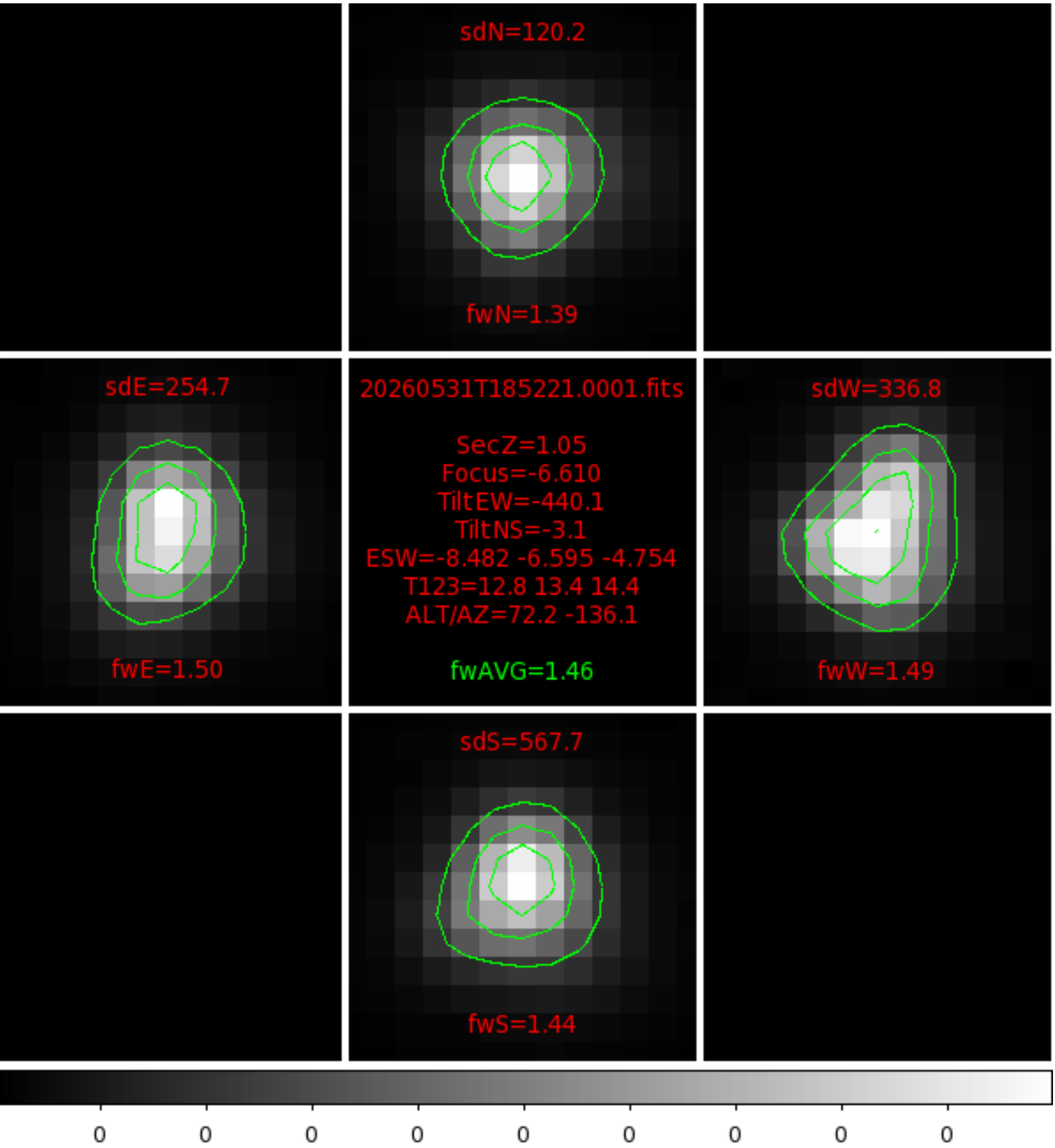
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TiltNS=-3.1
ESW=-8.482 -6.595 -4.754
T123=12.8 13.4 14.4
ALT/AZ=72.2 -136.1
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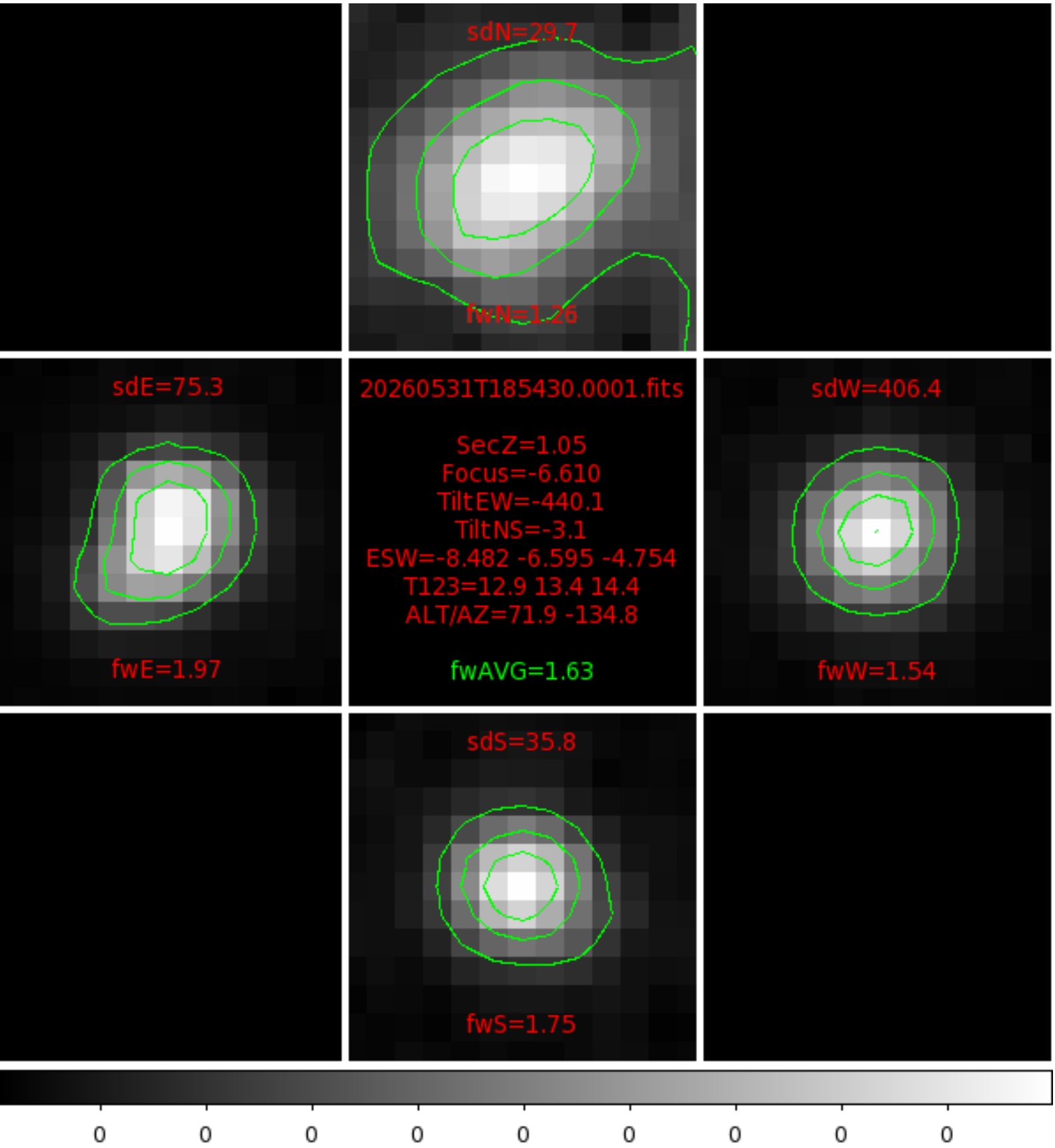
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.482 -6.595 -4.754
T123=12.9 13.4 14.4
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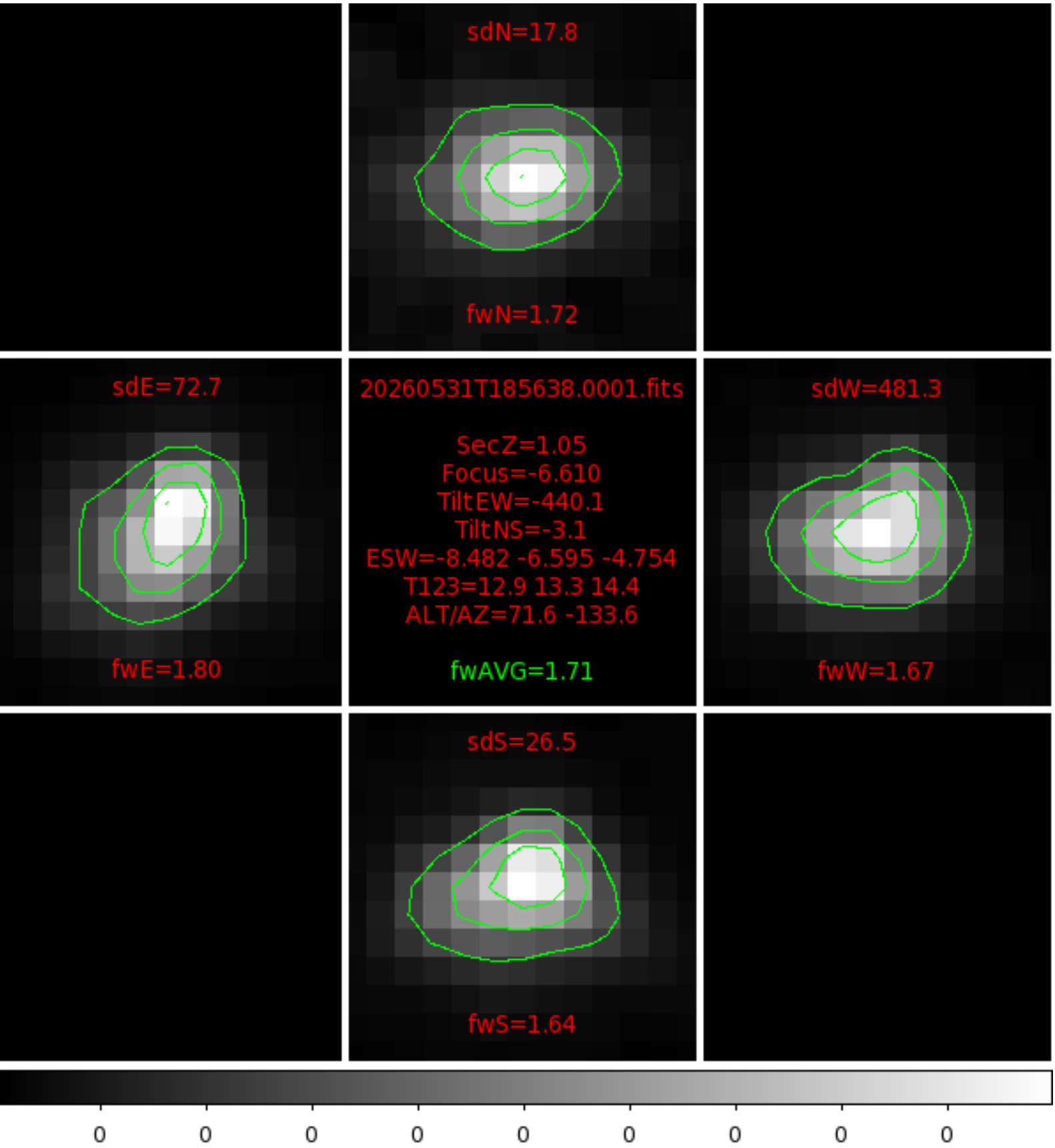
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TiltNS=-3.1
ESW=-8.482 -6.595 -4.754
T123=12.9 13.3 14.4
ALT/AZ=71.6 -133.6
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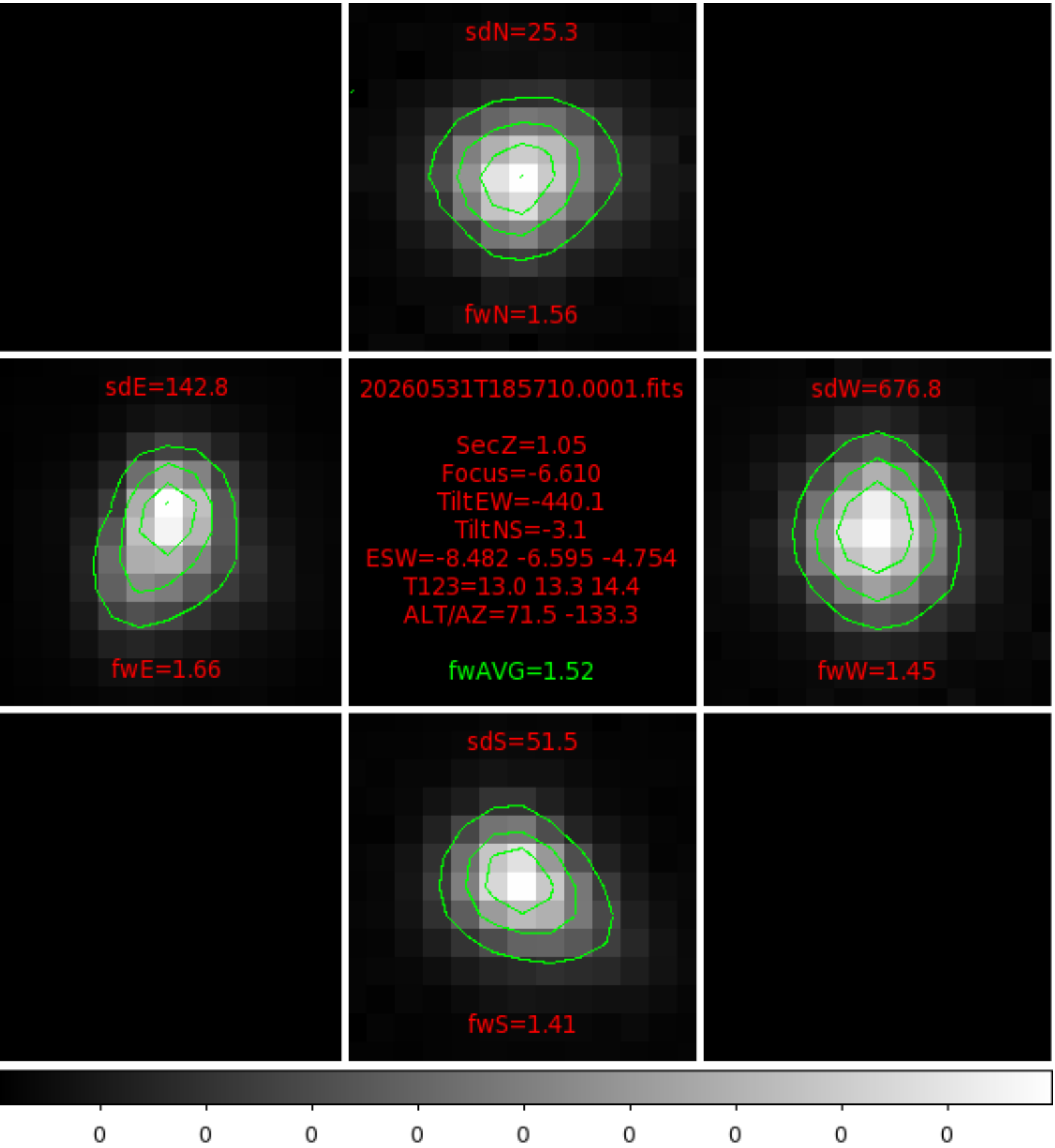
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SecZ=1.05
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TiltNS=-3.1
ESW=-8.482 -6.595 -4.754
T123=13.0 13.3 14.4
ALT/AZ=71.5 -133.3
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sdW=676.8
fwW=1.45
sdS=51.5
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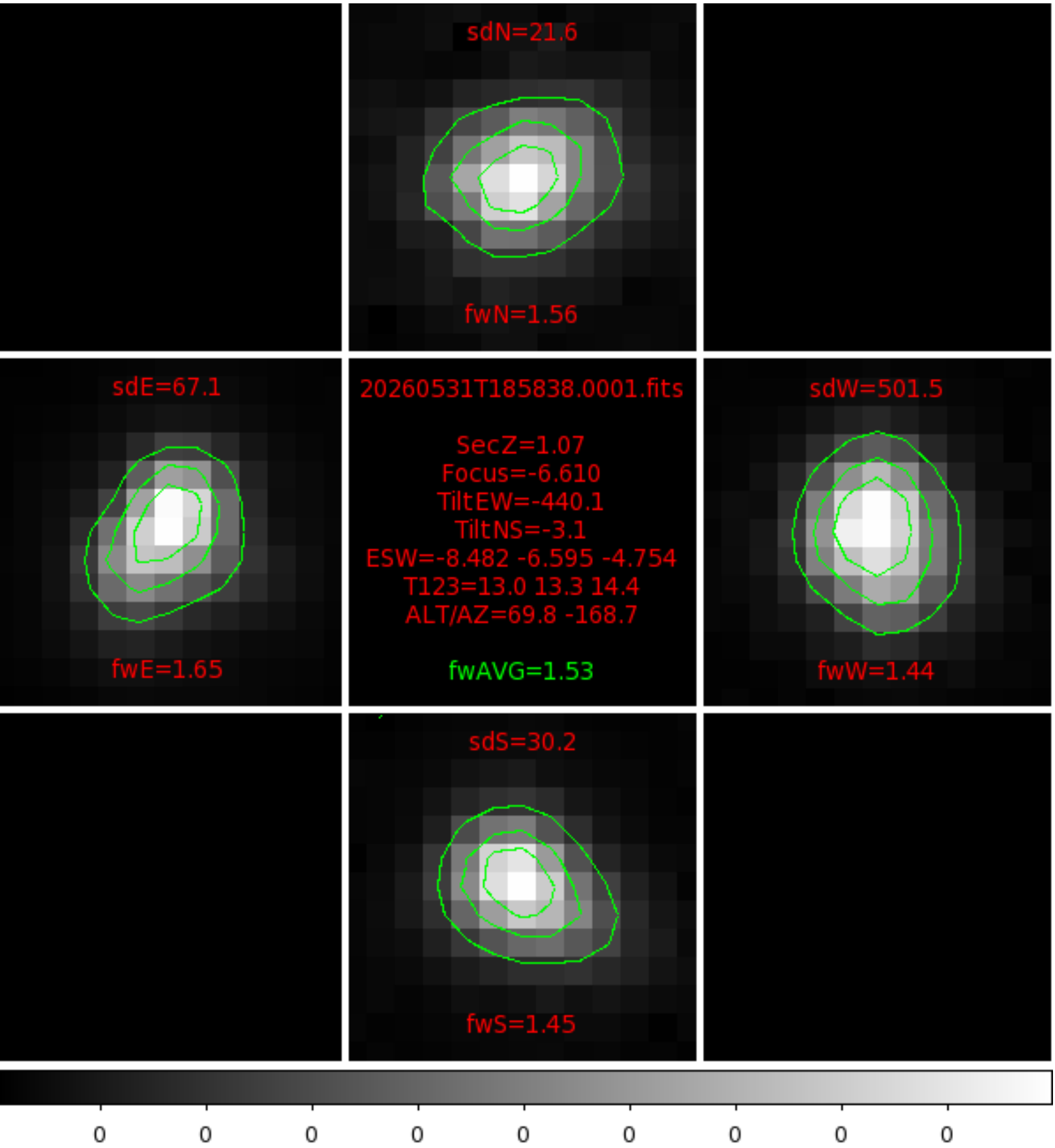
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T123=13.0 13.3 14.4
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fwAVG=1.53
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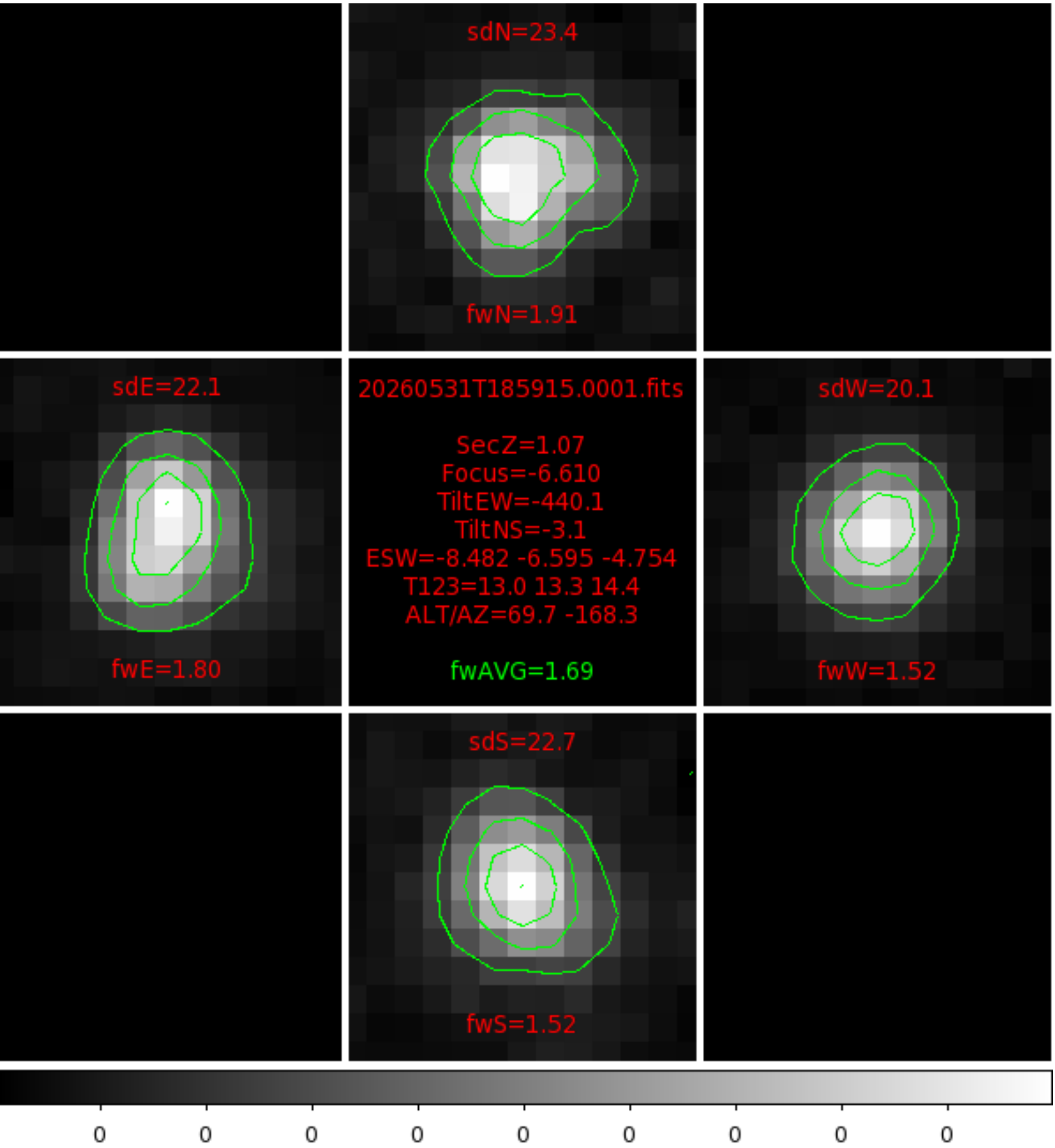
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ALT/AZ=69.7 -168.3
fwAVG=1.69
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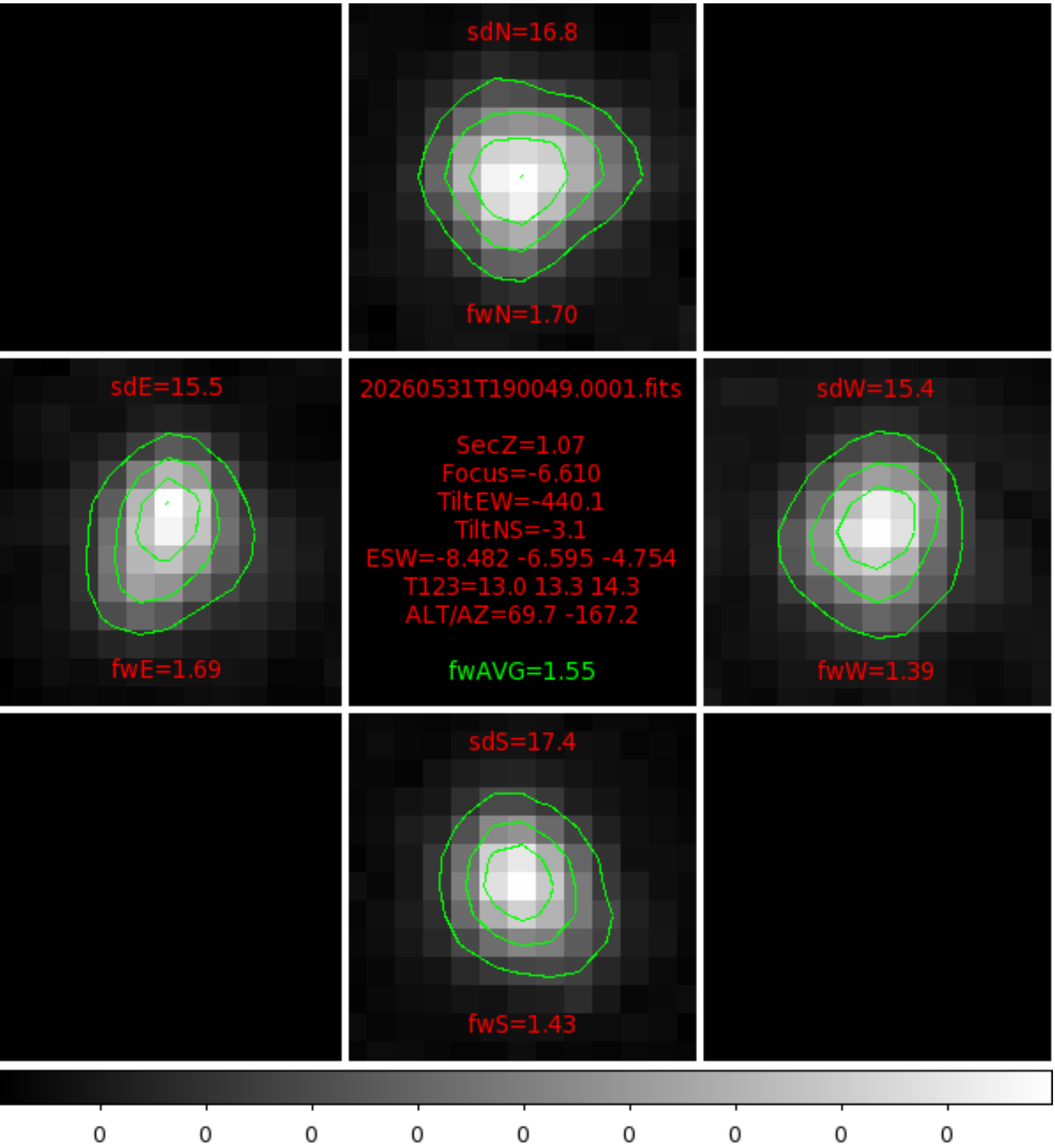
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T123=13.0 13.3 14.3
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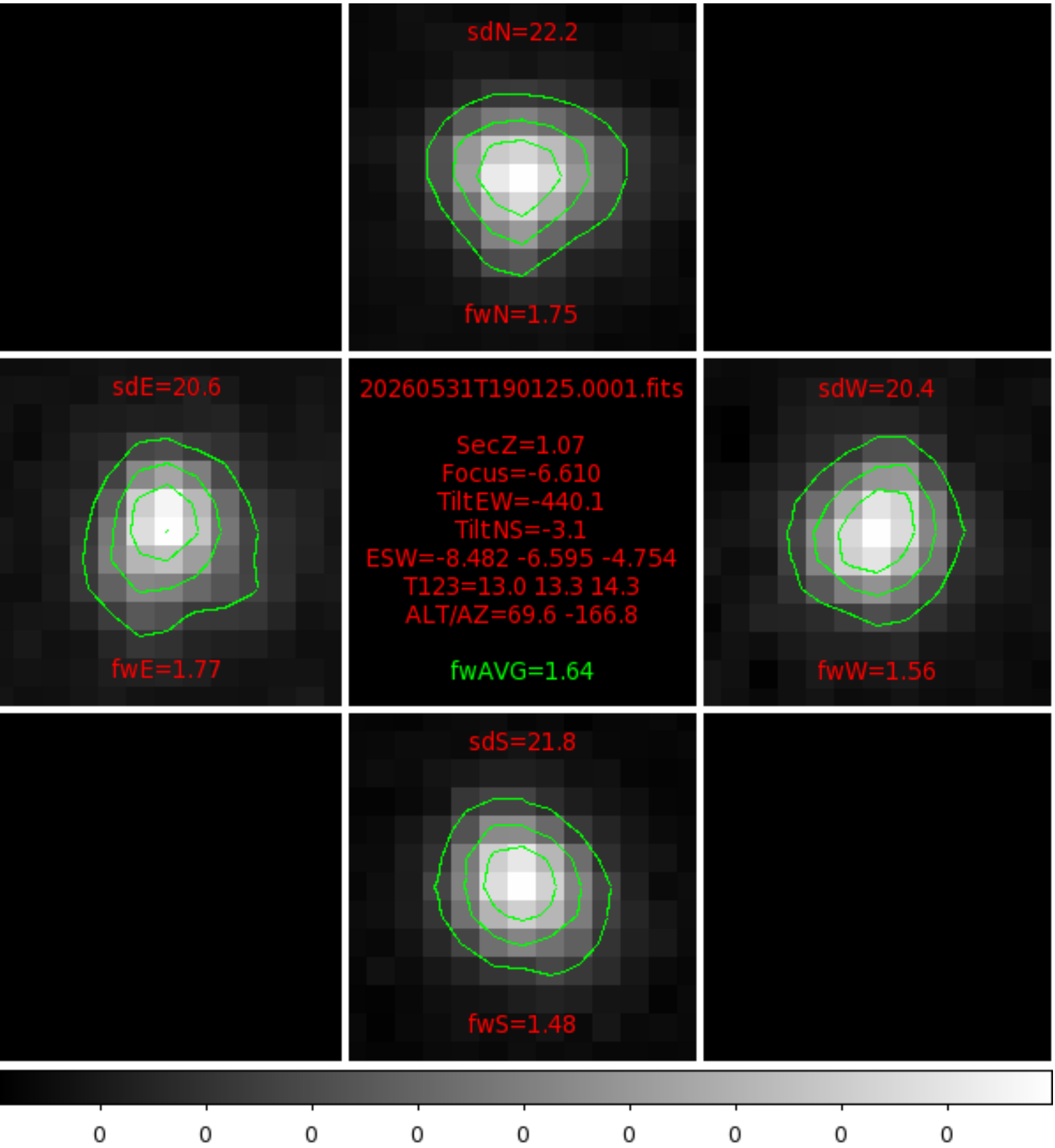
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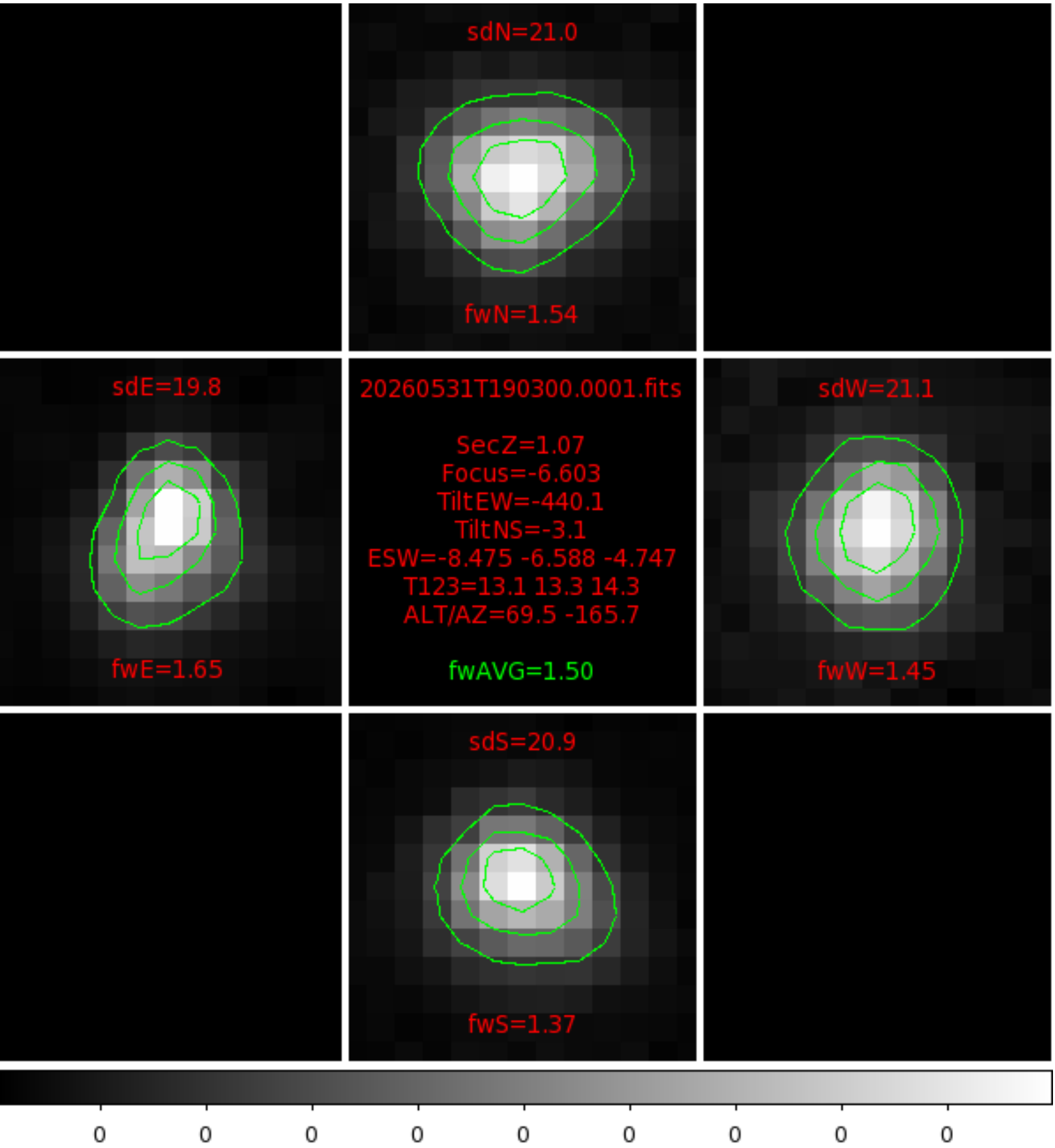
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fwE=1.65
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Focus=-6.603
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.475 -6.588 -4.747
T123=13.1 13.3 14.3
ALT/AZ=69.5 -165.7
fwAVG=1.50
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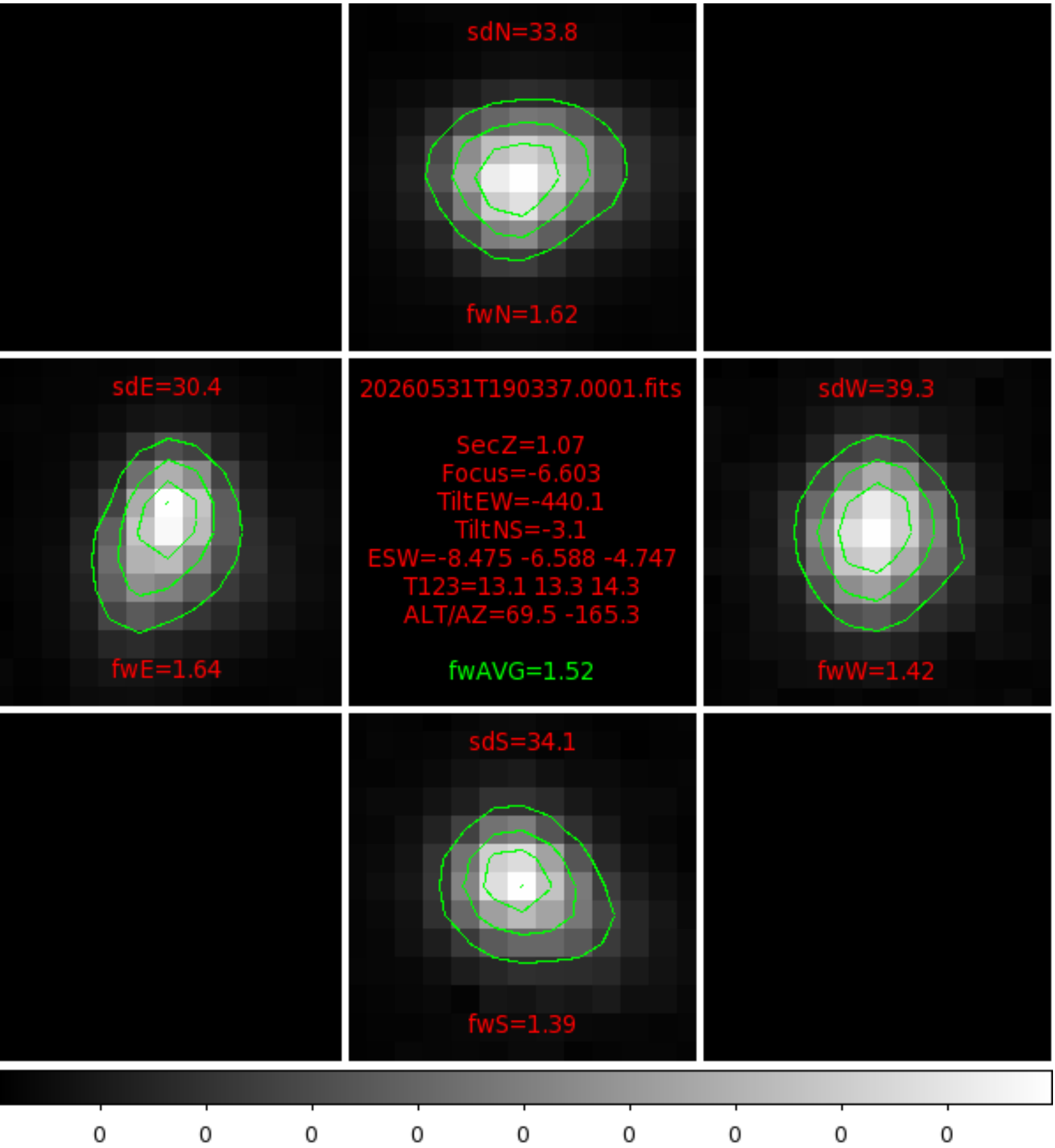
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20260531T190337.0001.fits
SecZ=1.07
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TiltNS=-3.1
ESW=-8.475 -6.588 -4.747
T123=13.1 13.3 14.3
ALT/AZ=69.5 -165.3
fwAVG=1.52
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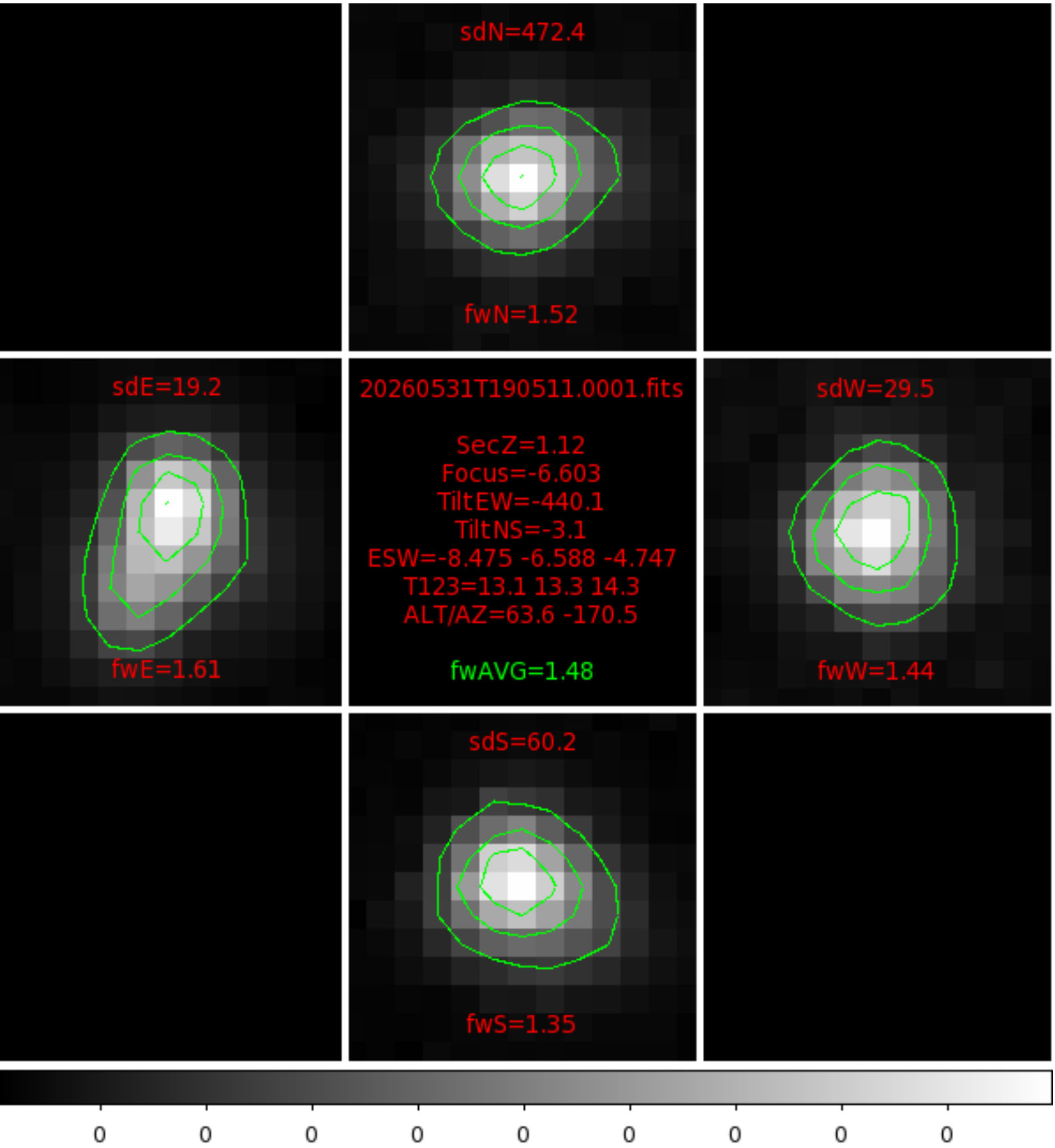
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SecZ=1.12
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.475 -6.588 -4.747
T123=13.1 13.3 14.3
ALT/AZ=63.6 -170.5
fwAVG=1.48
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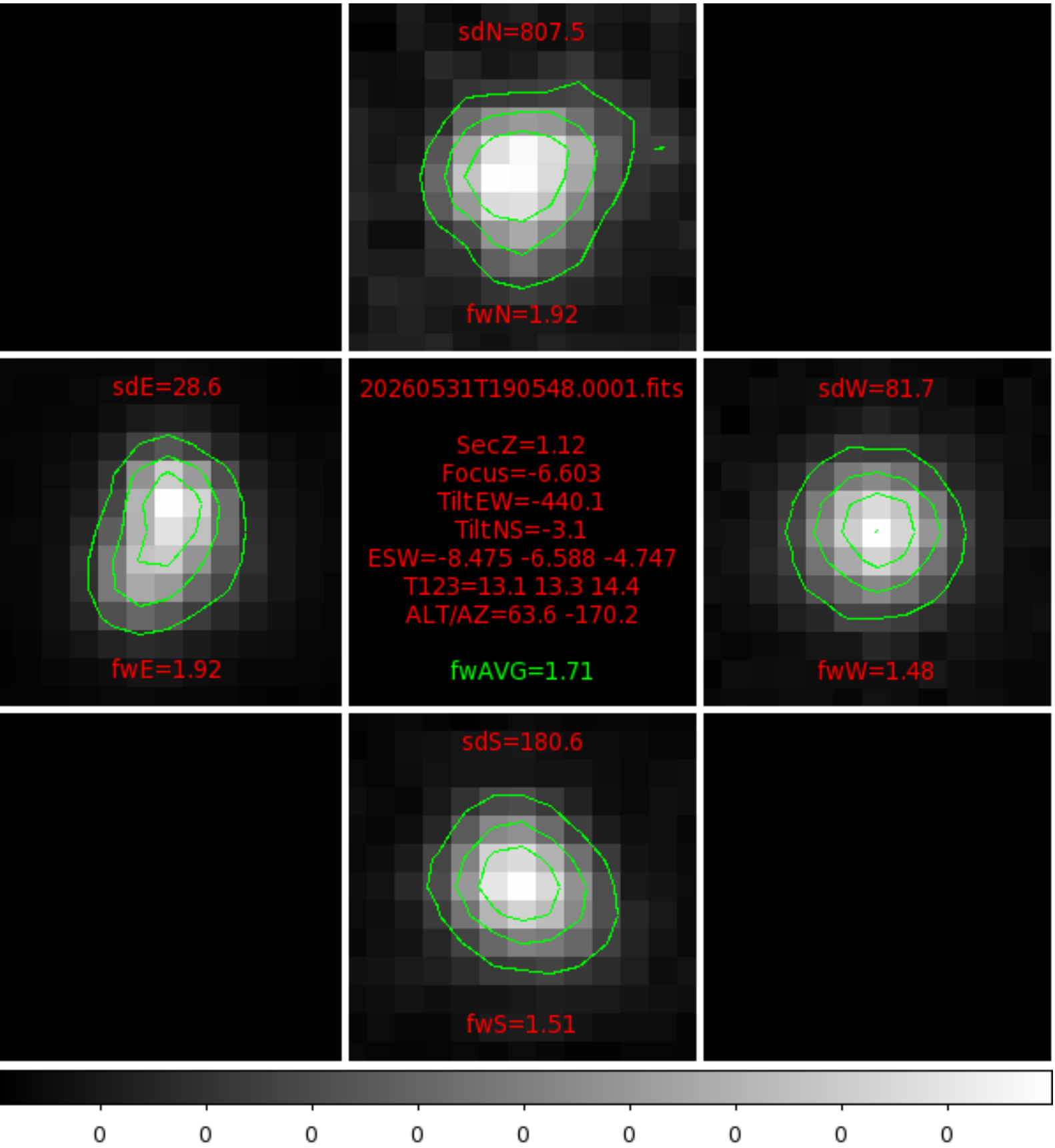
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20260531T190548.0001.fits
SecZ=1.12
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TiltNS=-3.1
ESW=-8.475 -6.588 -4.747
T123=13.1 13.3 14.4
ALT/AZ=63.6 -170.2
fwAVG=1.71
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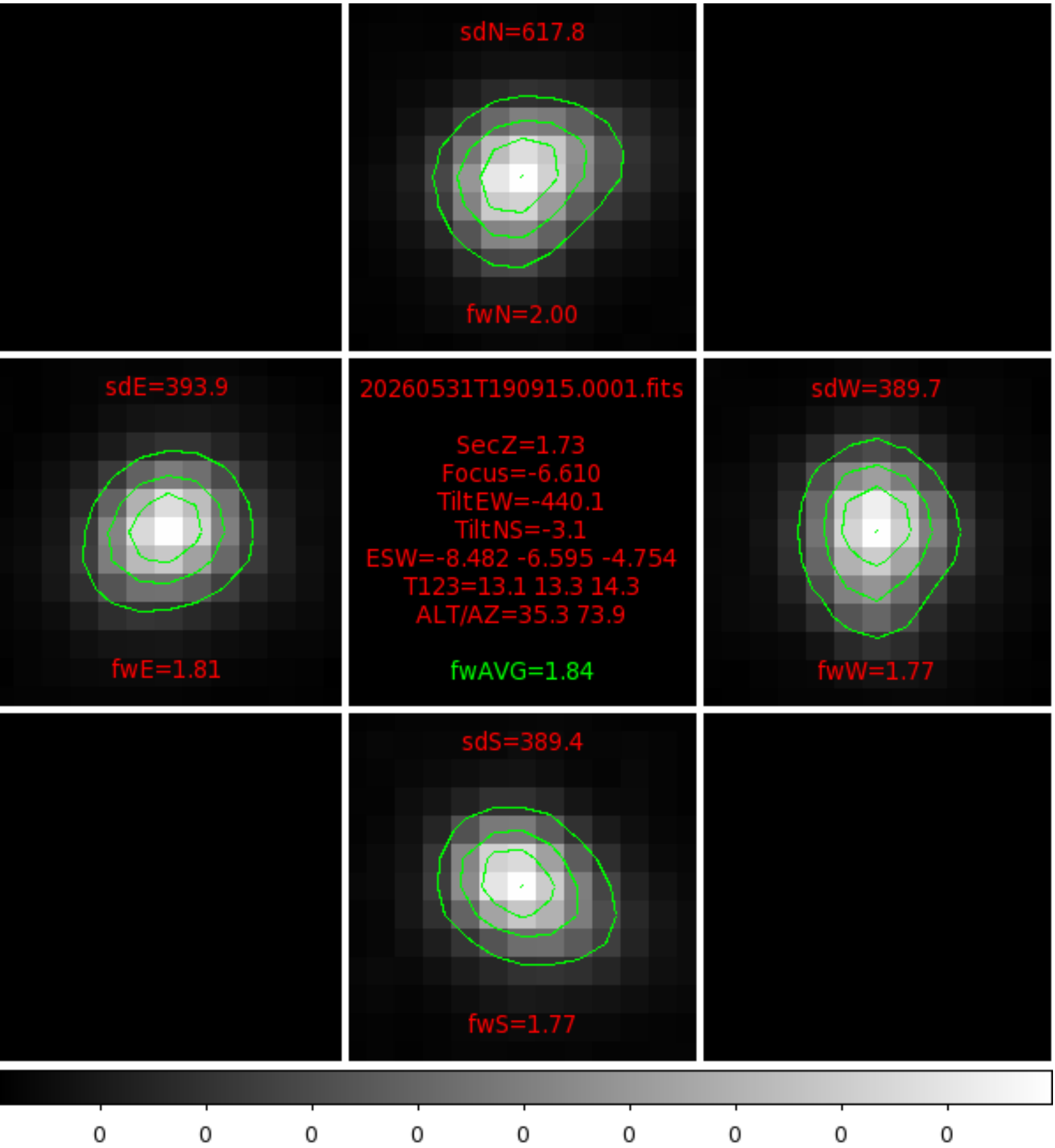
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.482 -6.595 -4.754
T123=13.1 13.3 14.3
ALT/AZ=35.3 73.9
fwAVG=1.84
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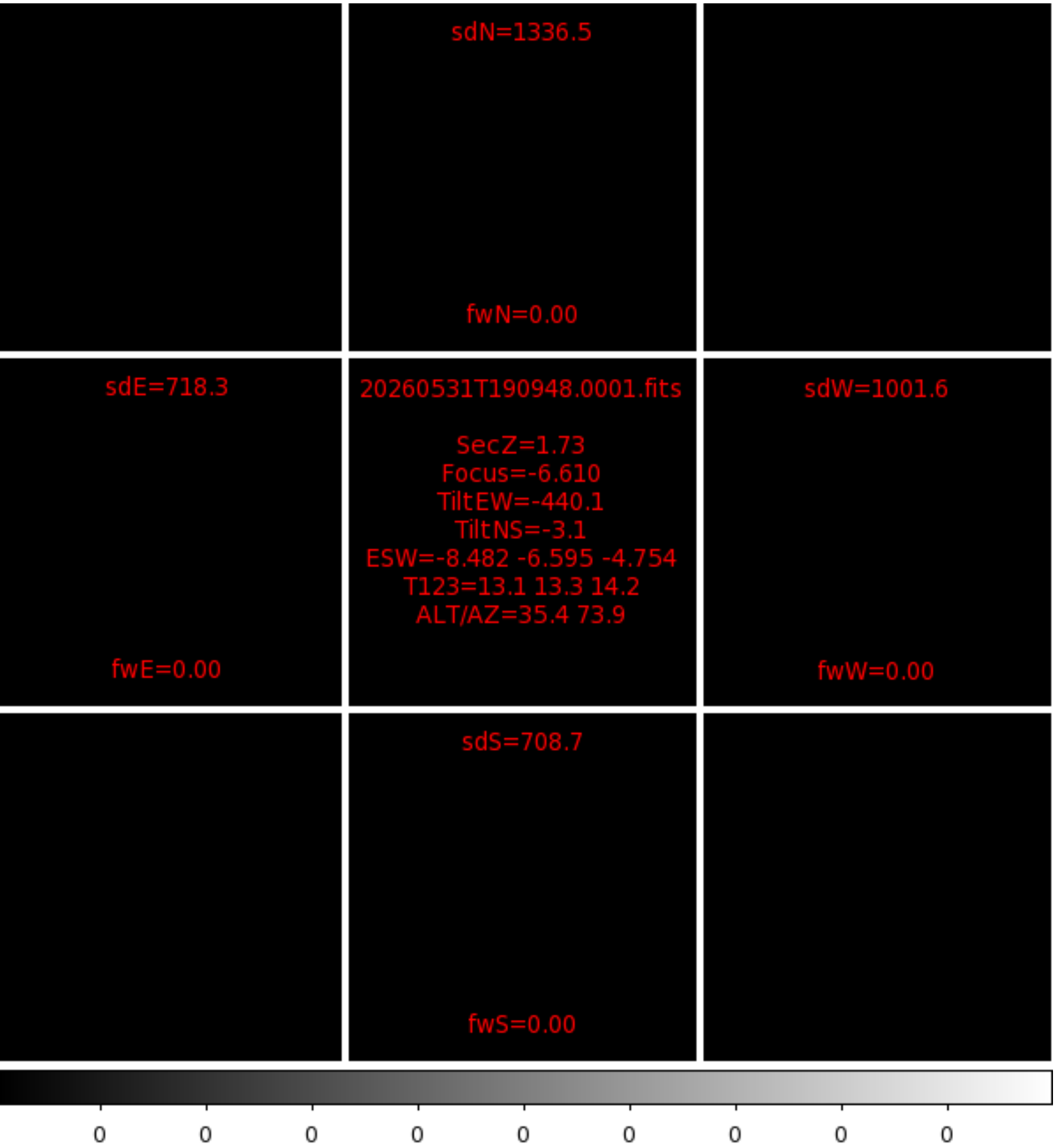
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SecZ=1.73
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TiltNS=-3.1
ESW=-8.482 -6.595 -4.754
T123=13.1 13.3 14.2
ALT/AZ=35.4 73.9
sdW=1001.6
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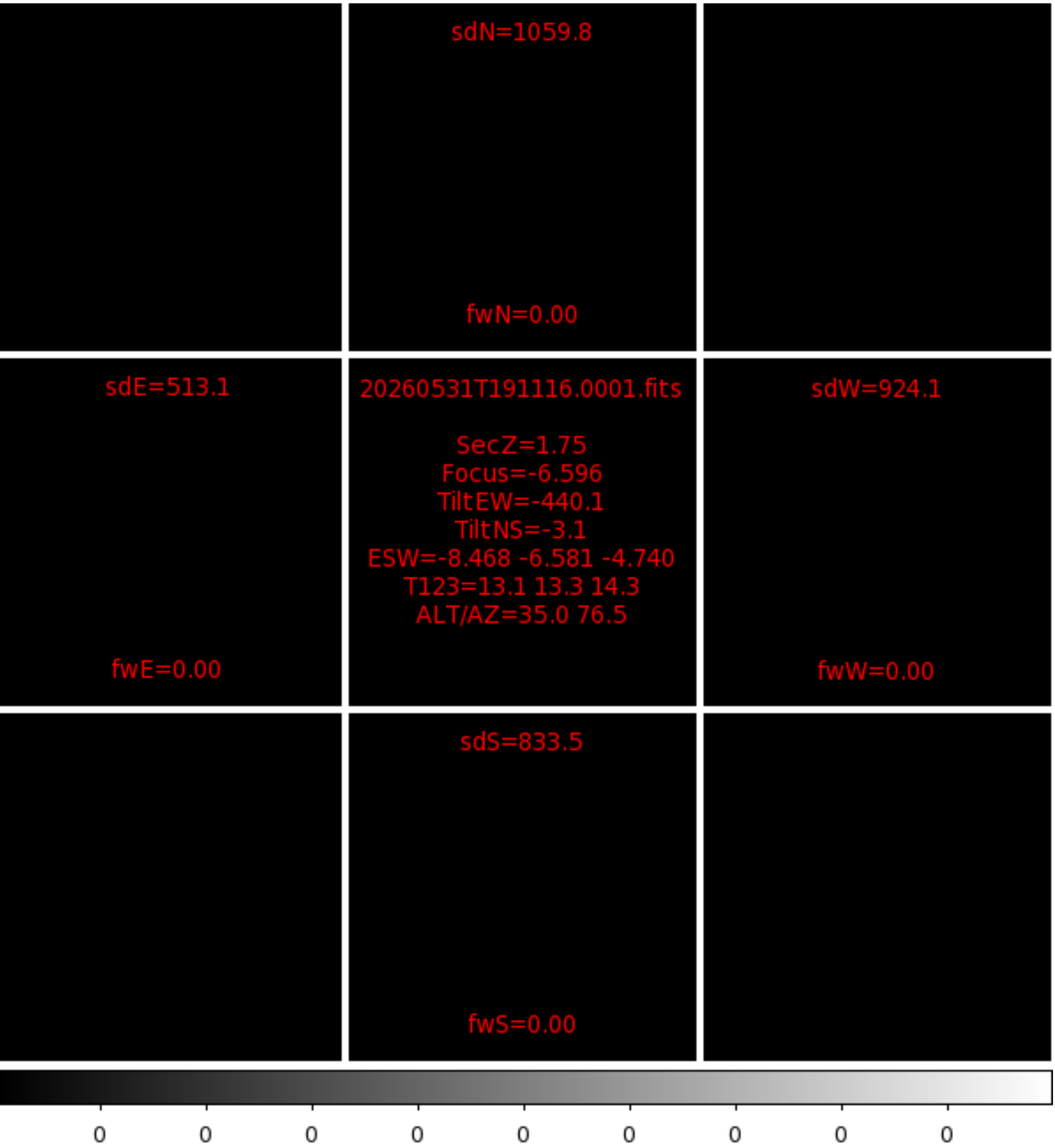
sdN=1059.8
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SecZ=1.75
Focus=-6.596
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.468 -6.581 -4.740
T123=13.1 13.3 14.3
ALT/AZ=35.0 76.5
sdW=924.1
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sdS=833.5
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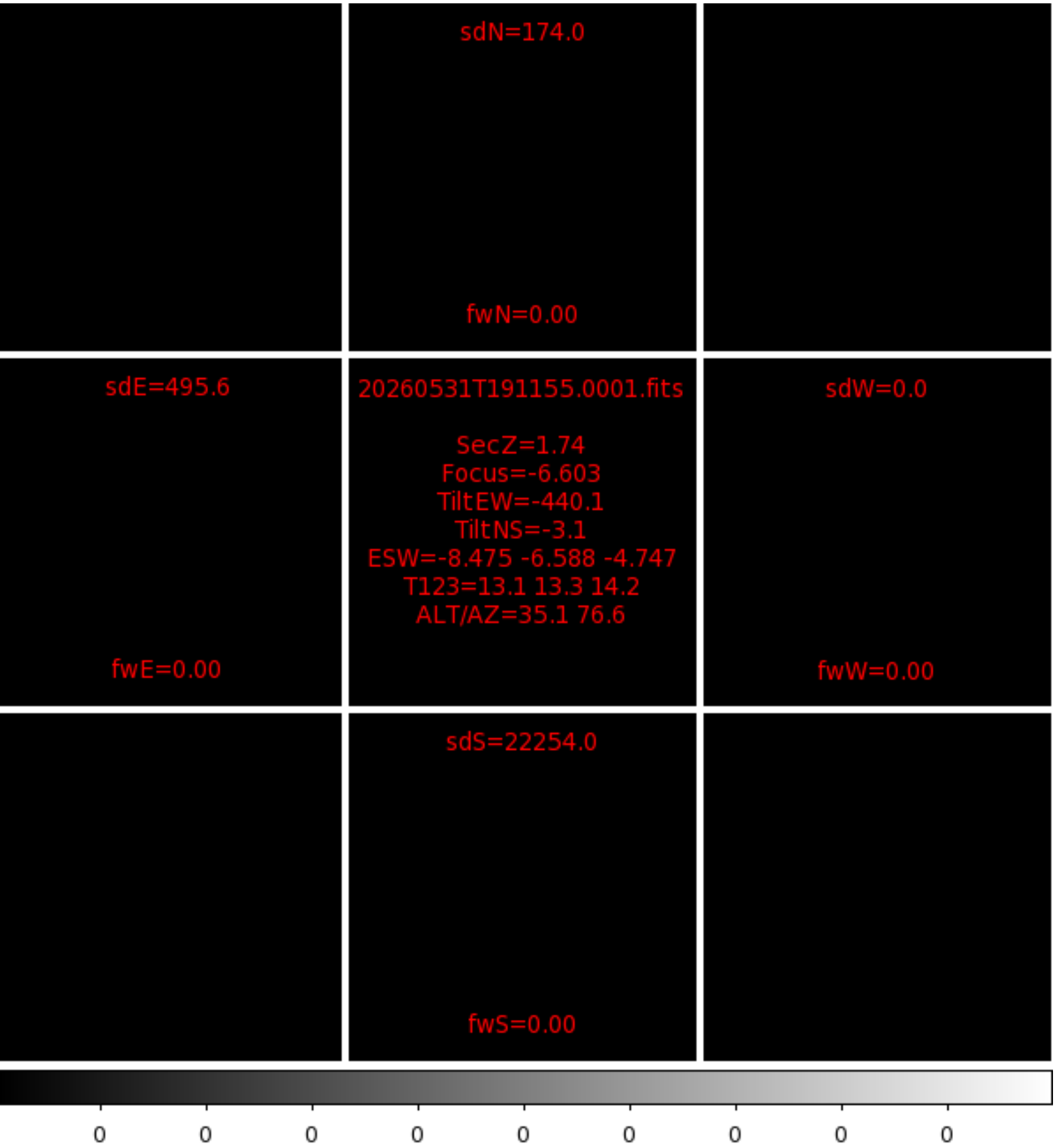
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SecZ=1.74
Focus=-6.603
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TiltNS=-3.1
ESW=-8.475 -6.588 -4.747
T123=13.1 13.3 14.2
ALT/AZ=35.1 76.6
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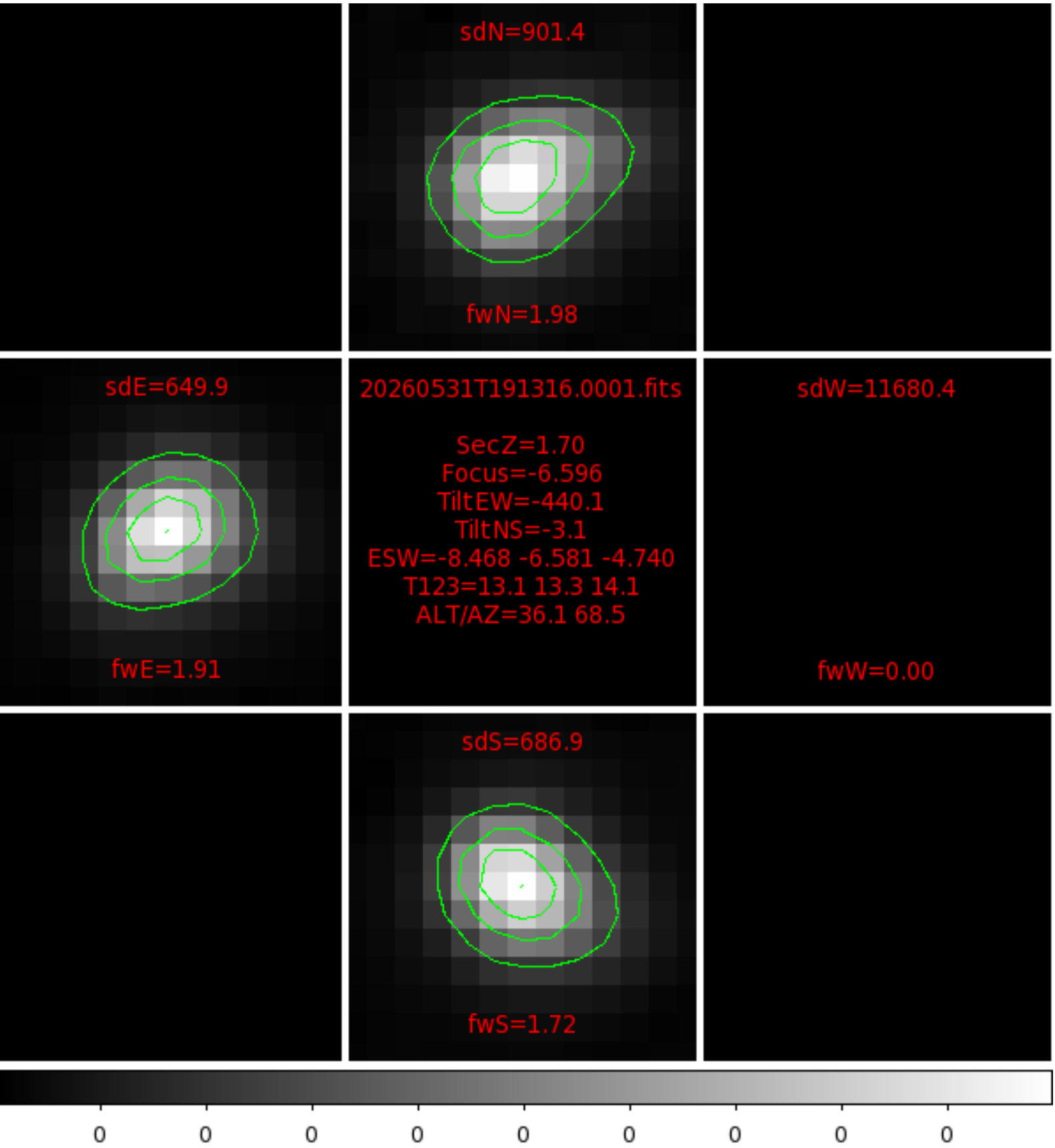
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SecZ=1.70
Focus=-6.596
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TiltNS=-3.1
ESW=-8.468 -6.581 -4.740
T123=13.1 13.3 14.1
ALT/AZ=36.1 68.5
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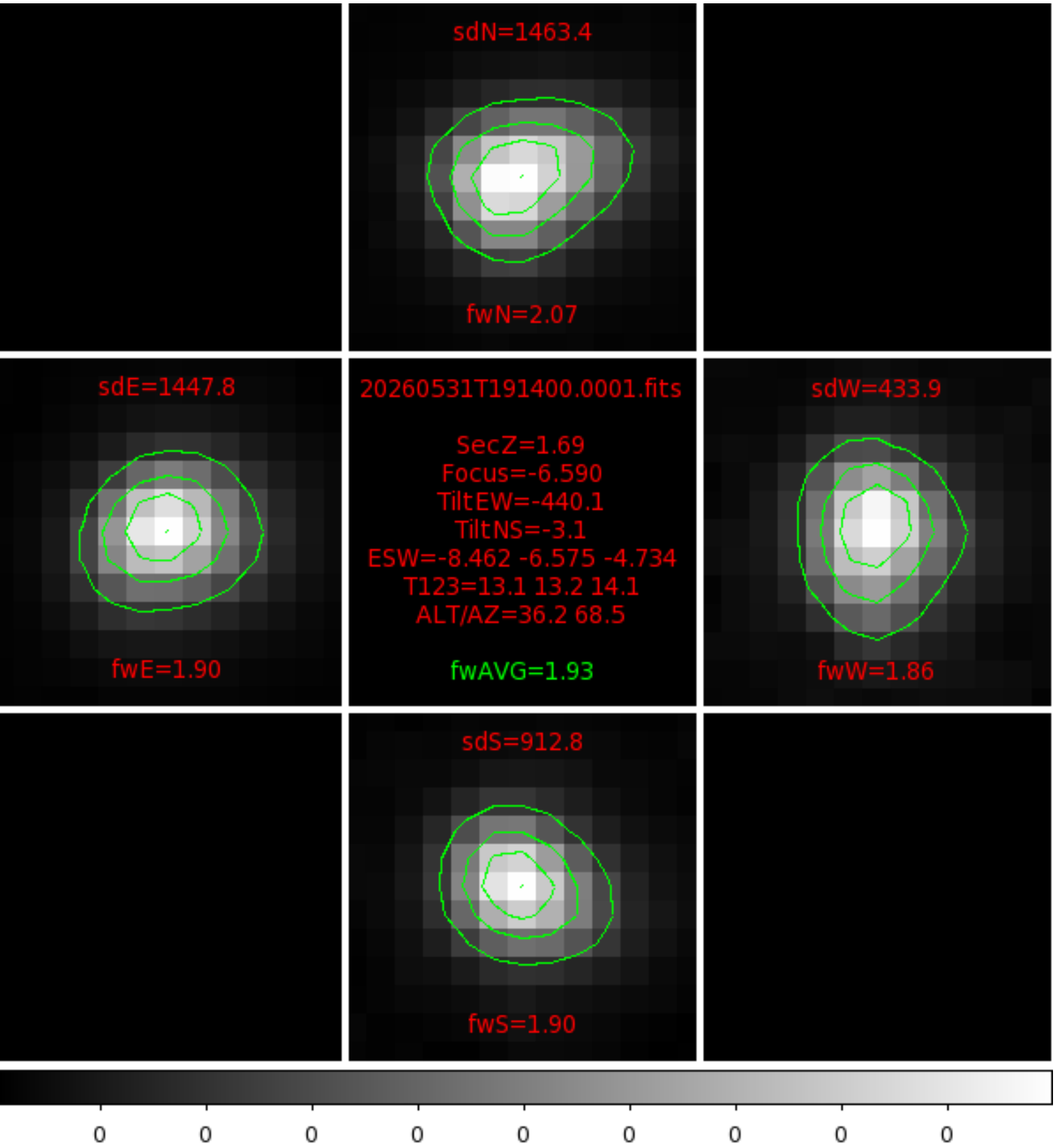
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SecZ=1.69
Focus=-6.590
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.462 -6.575 -4.734
T123=13.1 13.2 14.1
ALT/AZ=36.2 68.5
fwAVG=1.93
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sdS=912.8
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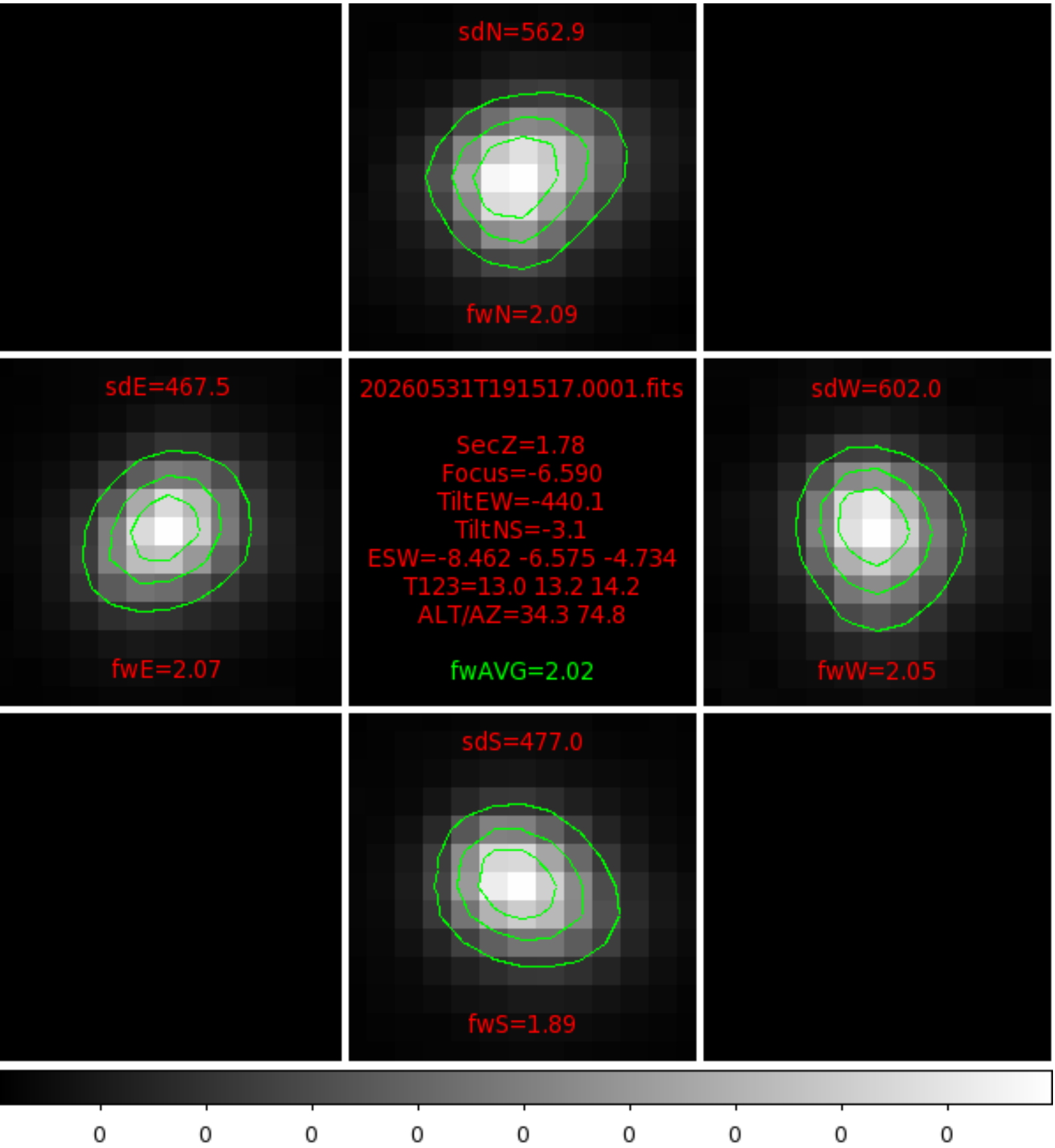
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sdE=467.5
fwE=2.07
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SecZ=1.78
Focus=-6.590
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.462 -6.575 -4.734
T123=13.0 13.2 14.2
ALT/AZ=34.3 74.8
fwAVG=2.02
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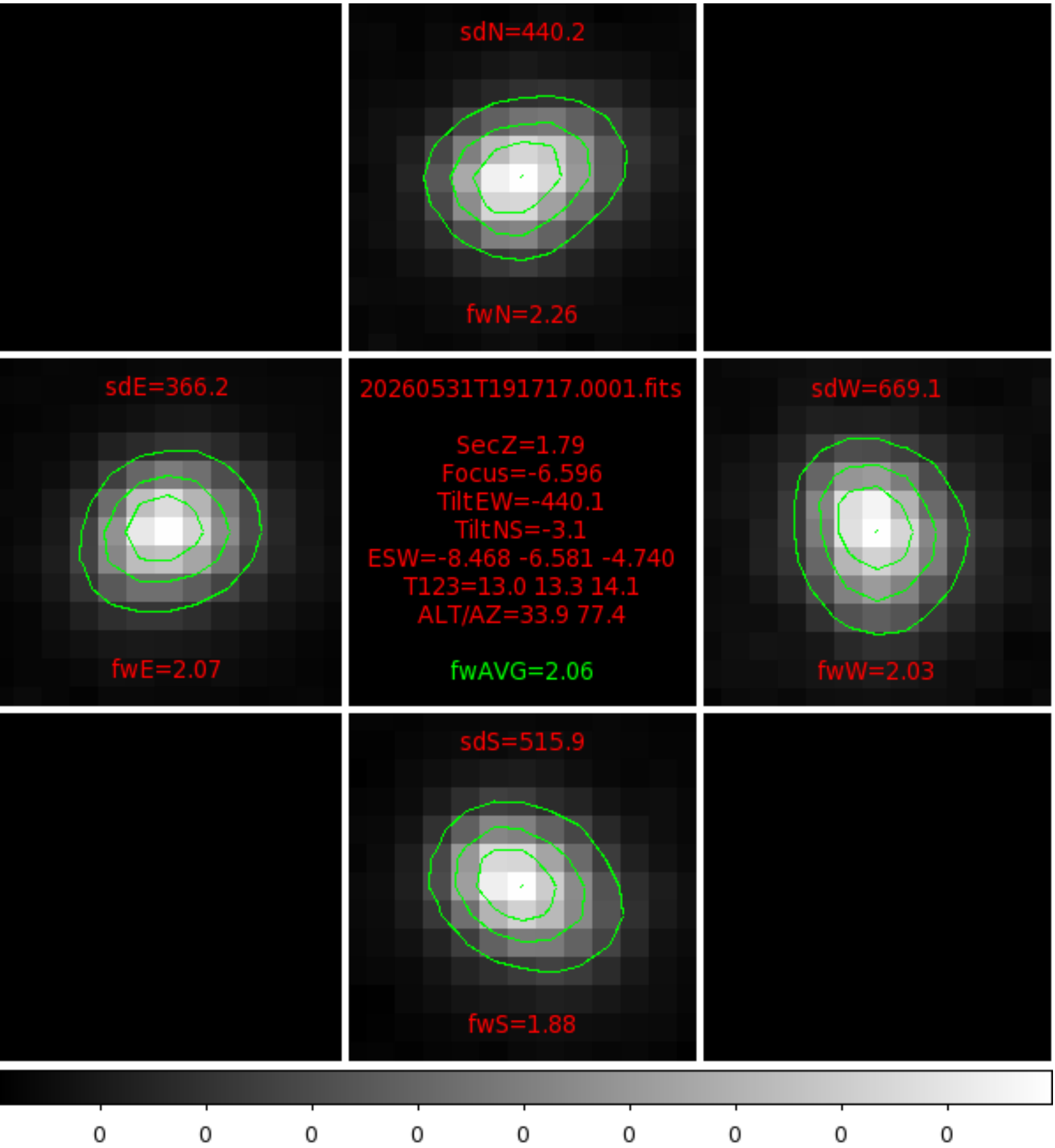
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sdE=366.2
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SecZ=1.79
Focus=-6.596
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.468 -6.581 -4.740
T123=13.0 13.3 14.1
ALT/AZ=33.9 77.4
fwAVG=2.06
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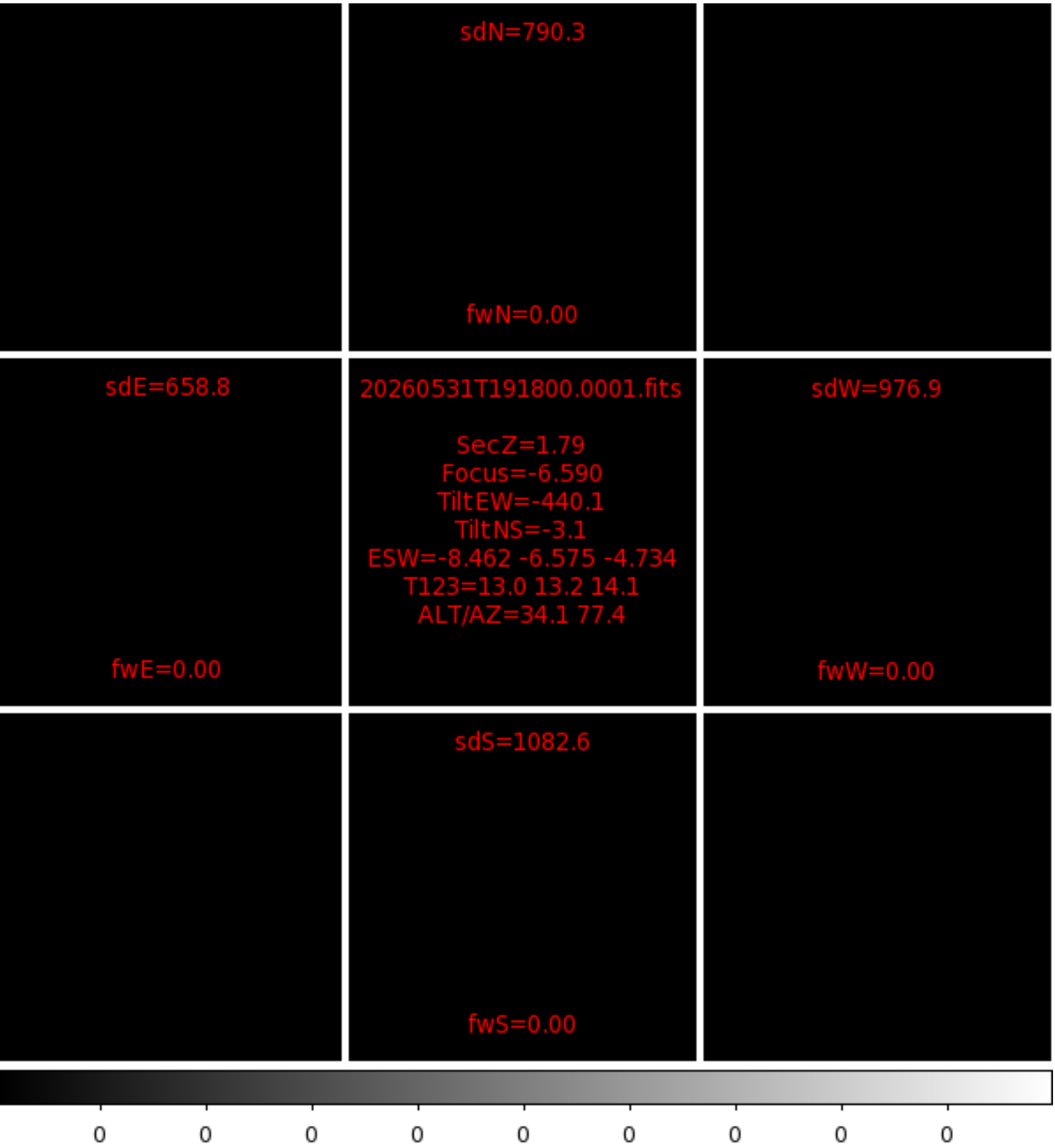
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SecZ=1.79
Focus=-6.590
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TiltNS=-3.1
ESW=-8.462 -6.575 -4.734
T123=13.0 13.2 14.1
ALT/AZ=34.1 77.4
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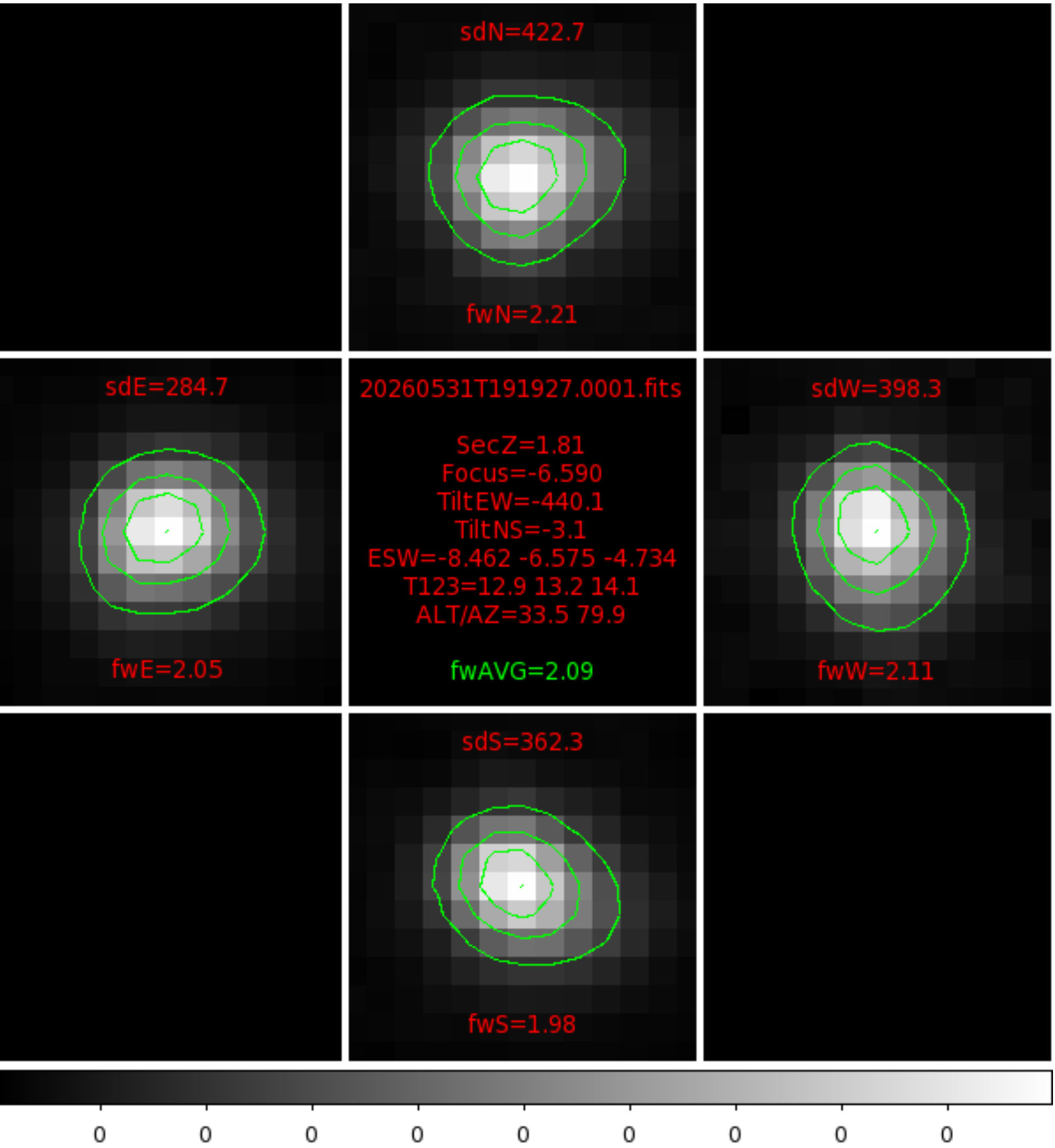
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SecZ=1.81
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TiltEW=-440.1
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ESW=-8.462 -6.575 -4.734
T123=12.9 13.2 14.1
ALT/AZ=33.5 79.9
fwAVG=2.09
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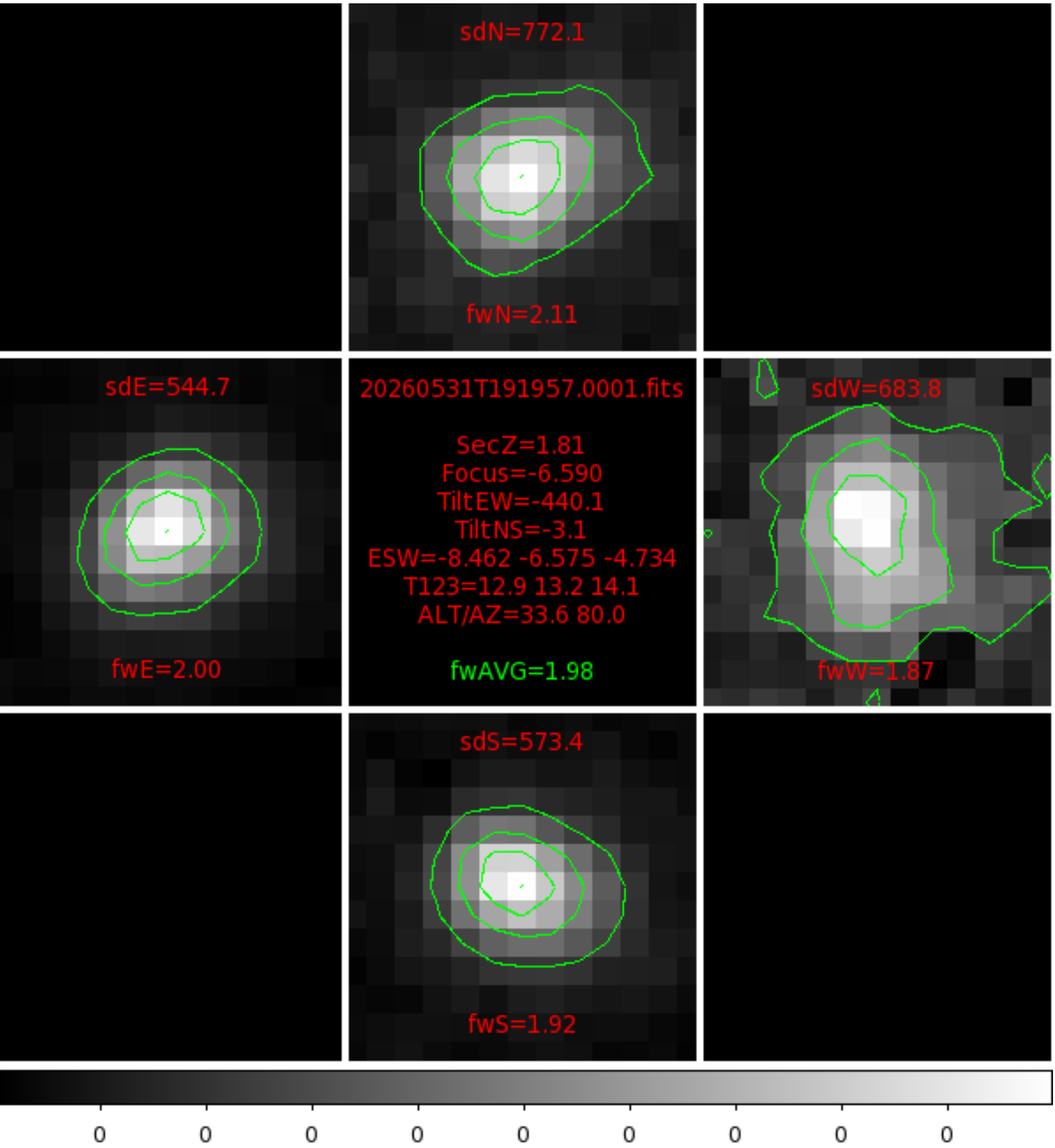
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sdE=544.7
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SecZ=1.81
Focus=-6.590
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.462 -6.575 -4.734
T123=12.9 13.2 14.1
ALT/AZ=33.6 80.0
fwAVG=1.98
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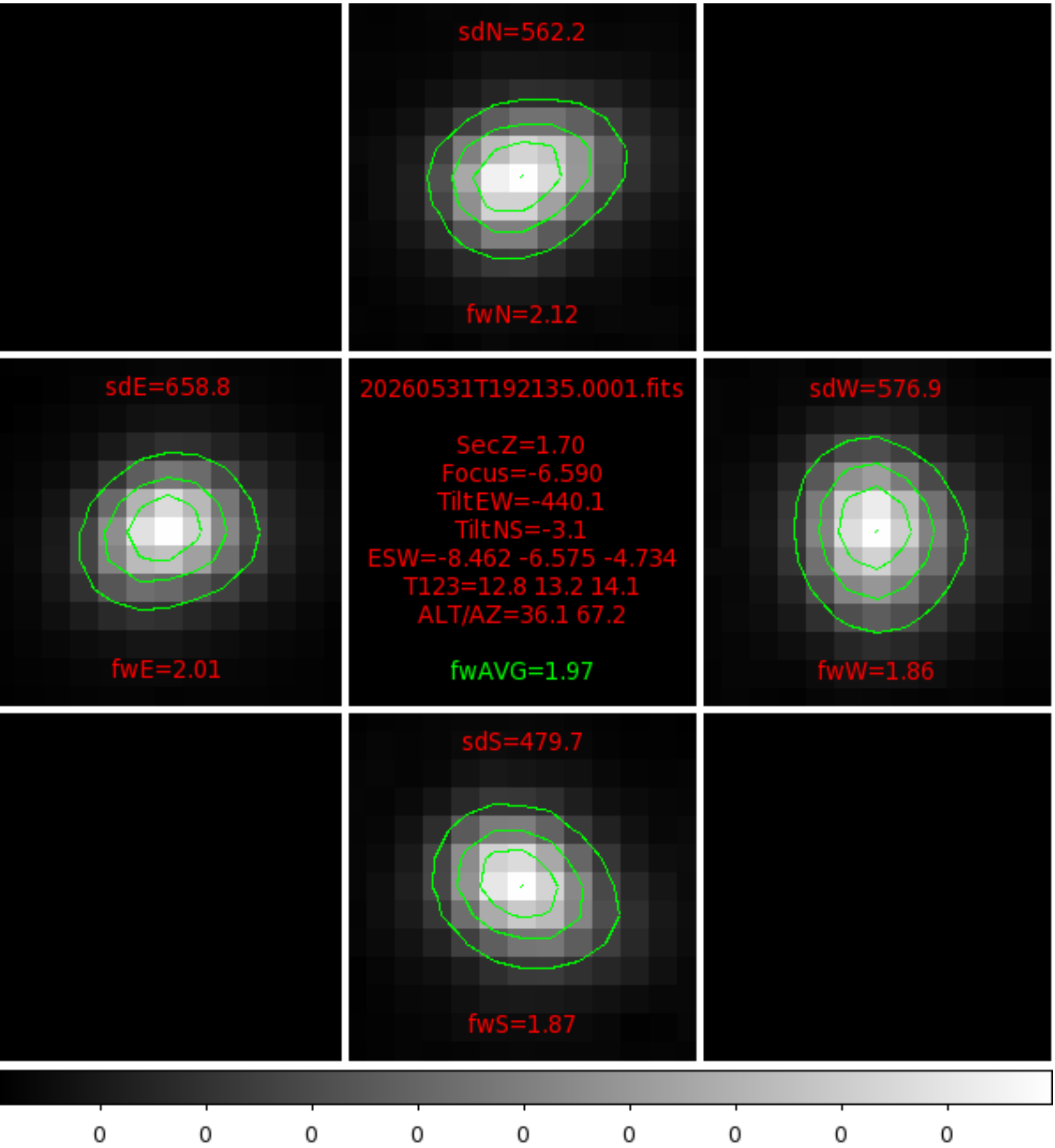
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SecZ=1.70
Focus=-6.590
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.462 -6.575 -4.734
T123=12.8 13.2 14.1
ALT/AZ=36.1 67.2
fwAVG=1.97
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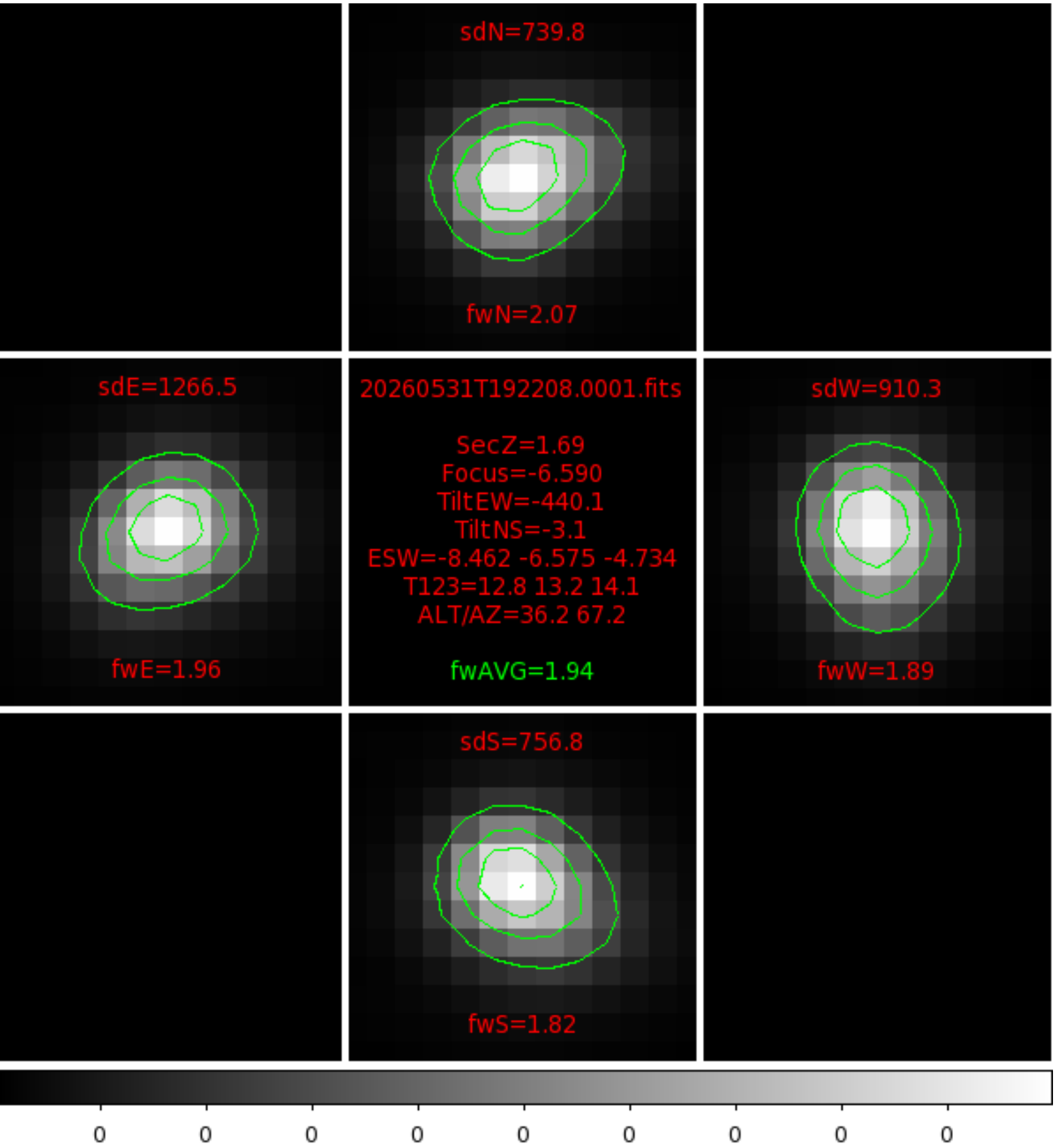
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sdE=1266.5
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TiltNS=-3.1
ESW=-8.462 -6.575 -4.734
T123=12.8 13.2 14.1
ALT/AZ=36.2 67.2
fwAVG=1.94
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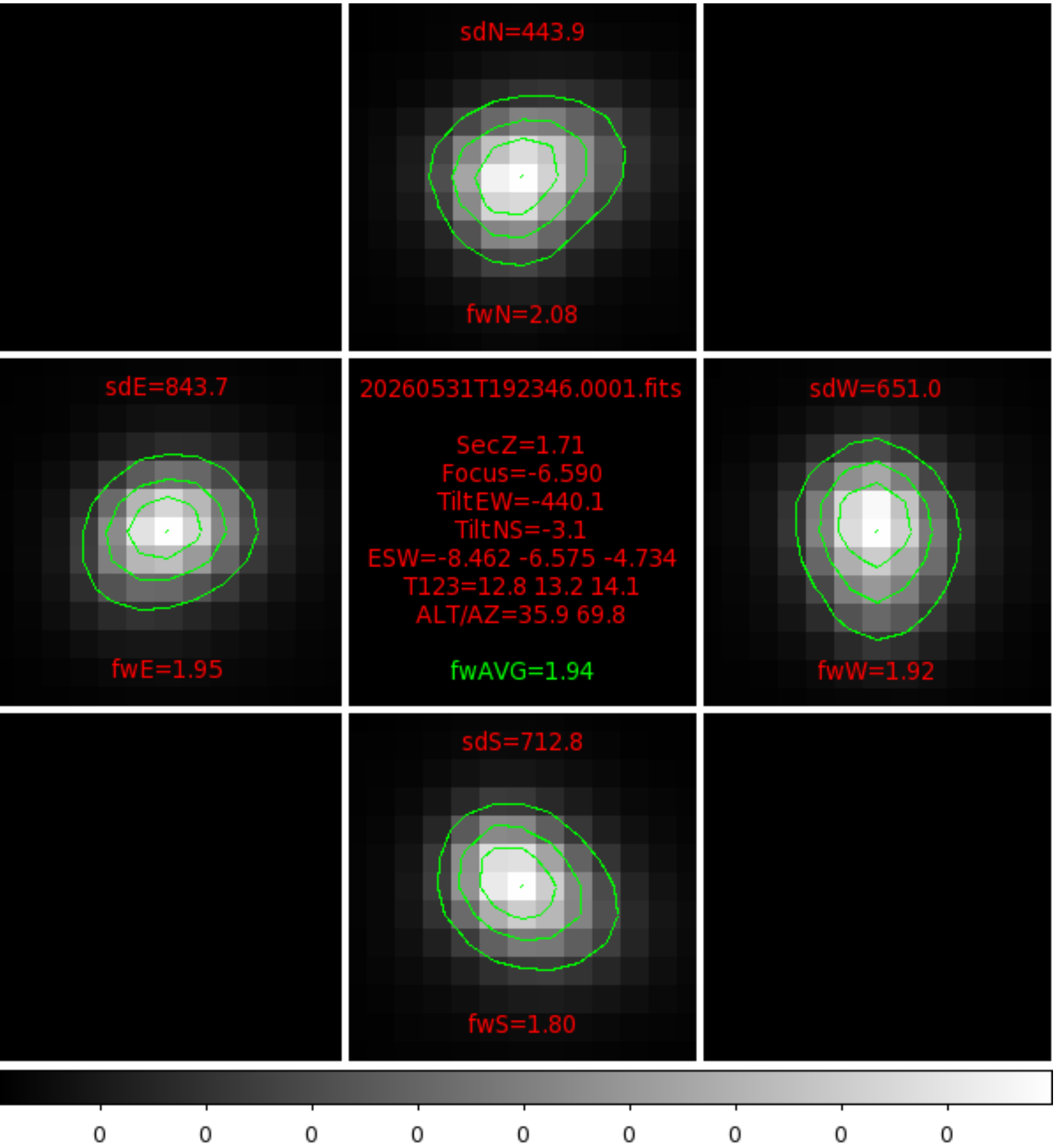
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TiltNS=-3.1
ESW=-8.462 -6.575 -4.734
T123=12.8 13.2 14.1
ALT/AZ=35.9 69.8
fwAVG=1.94
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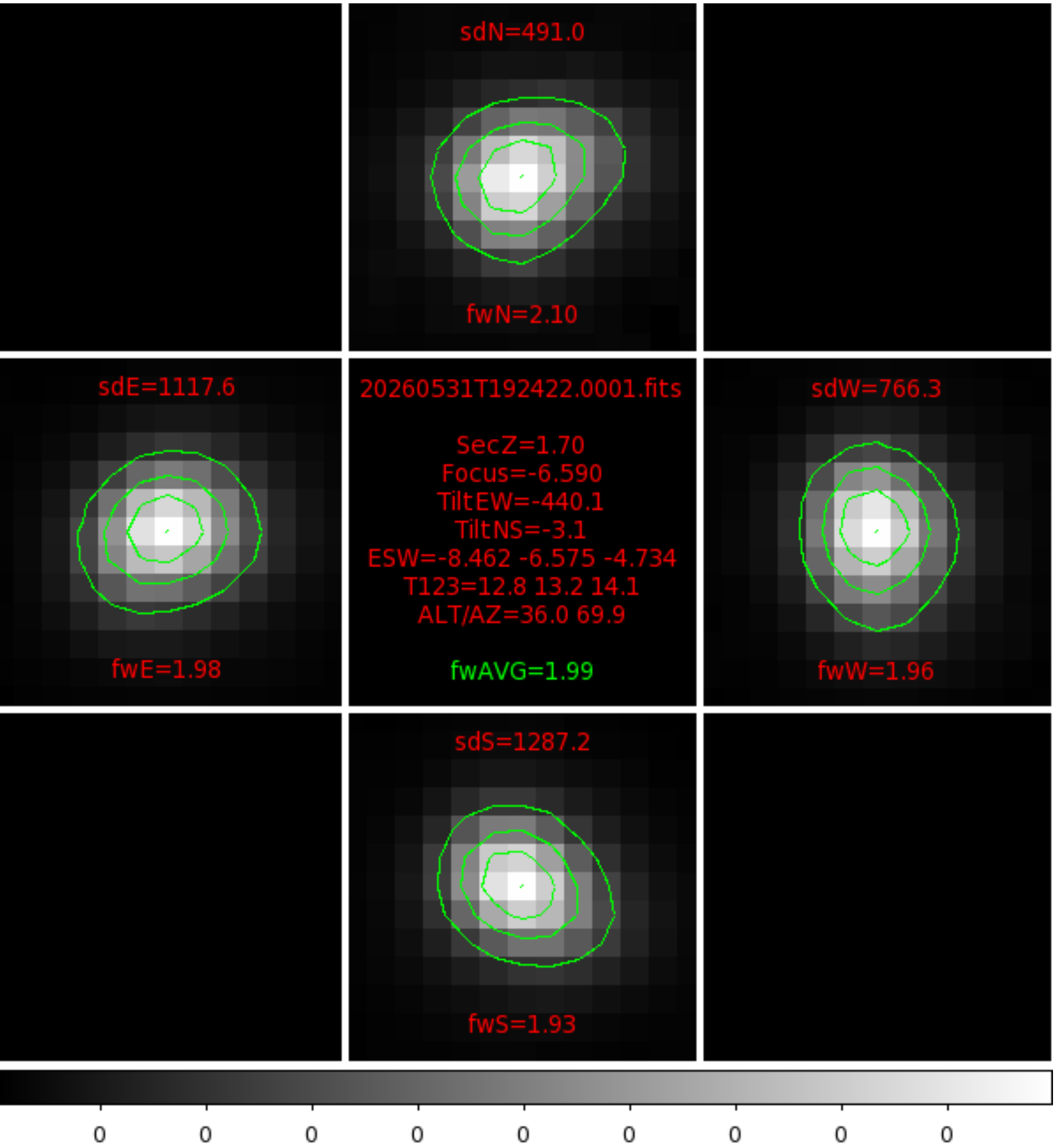
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sdE=1117.6
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SecZ=1.70
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TiltNS=-3.1
ESW=-8.462 -6.575 -4.734
T123=12.8 13.2 14.1
ALT/AZ=36.0 69.9
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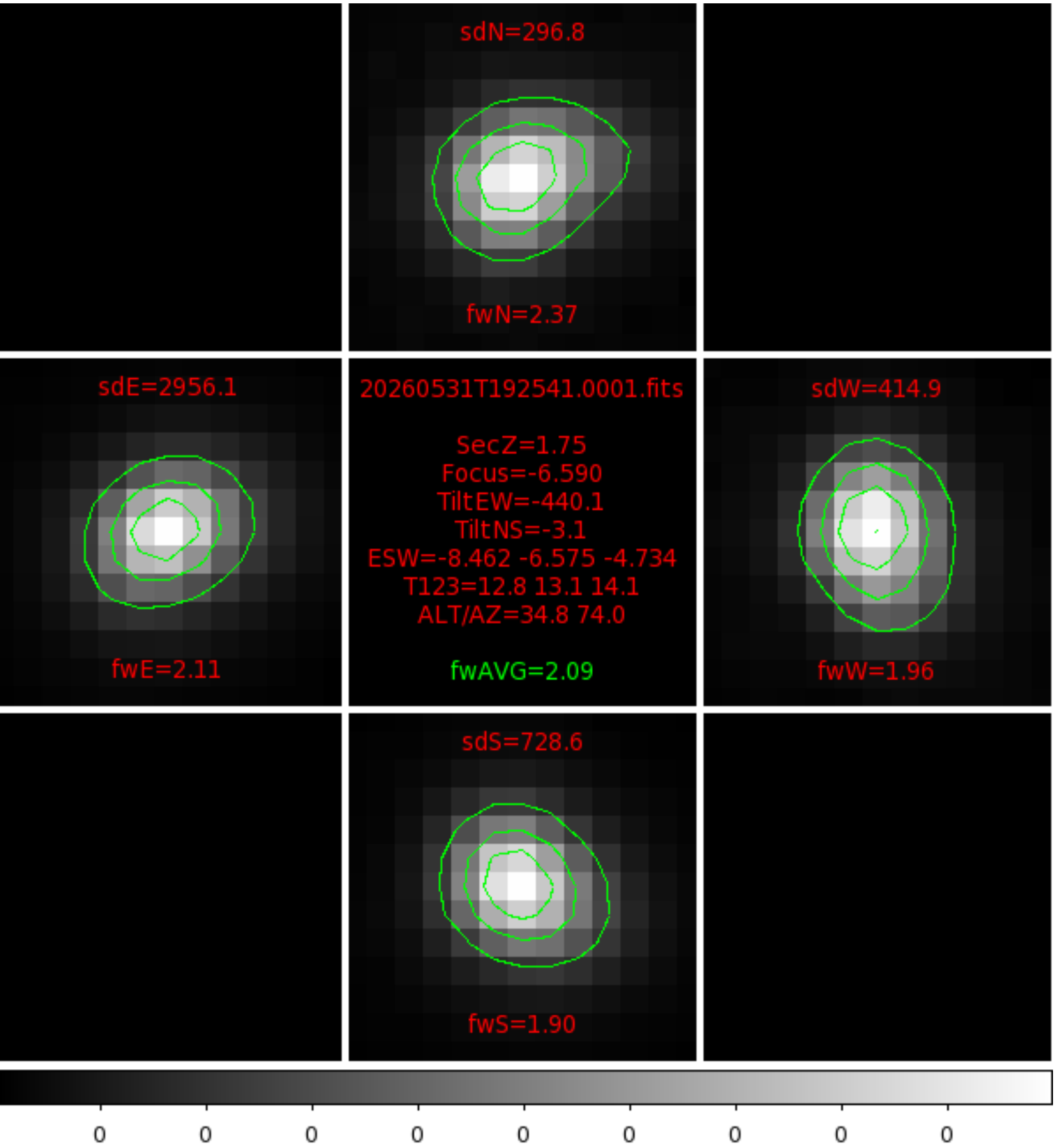
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20260531T192541.0001.fits
SecZ=1.75
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TiltNS=-3.1
ESW=-8.462 -6.575 -4.734
T123=12.8 13.1 14.1
ALT/AZ=34.8 74.0
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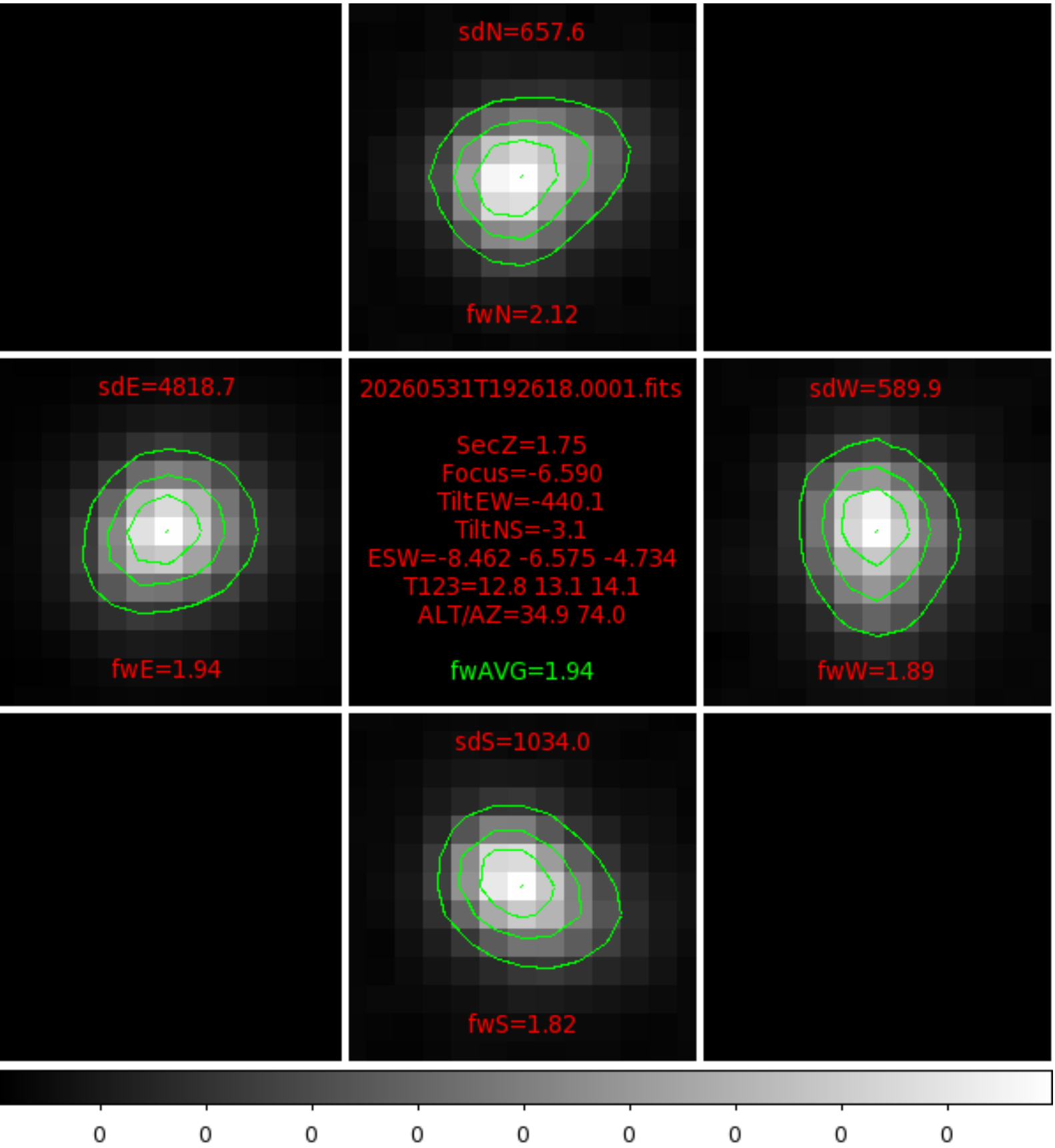
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20260531T192618.0001.fits
SecZ=1.75
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.462 -6.575 -4.734
T123=12.8 13.1 14.1
ALT/AZ=34.9 74.0
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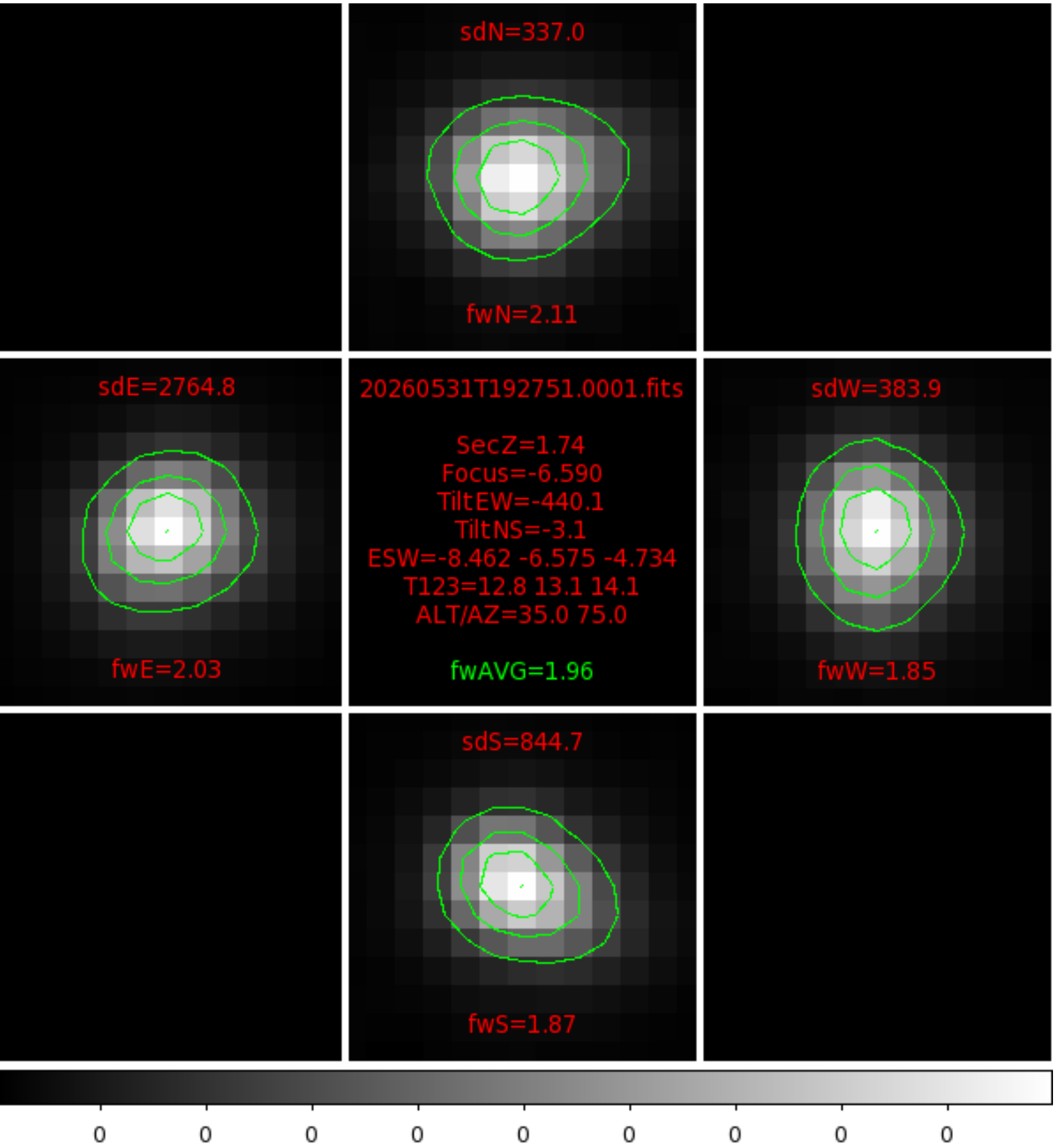
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T123=12.8 13.1 14.1
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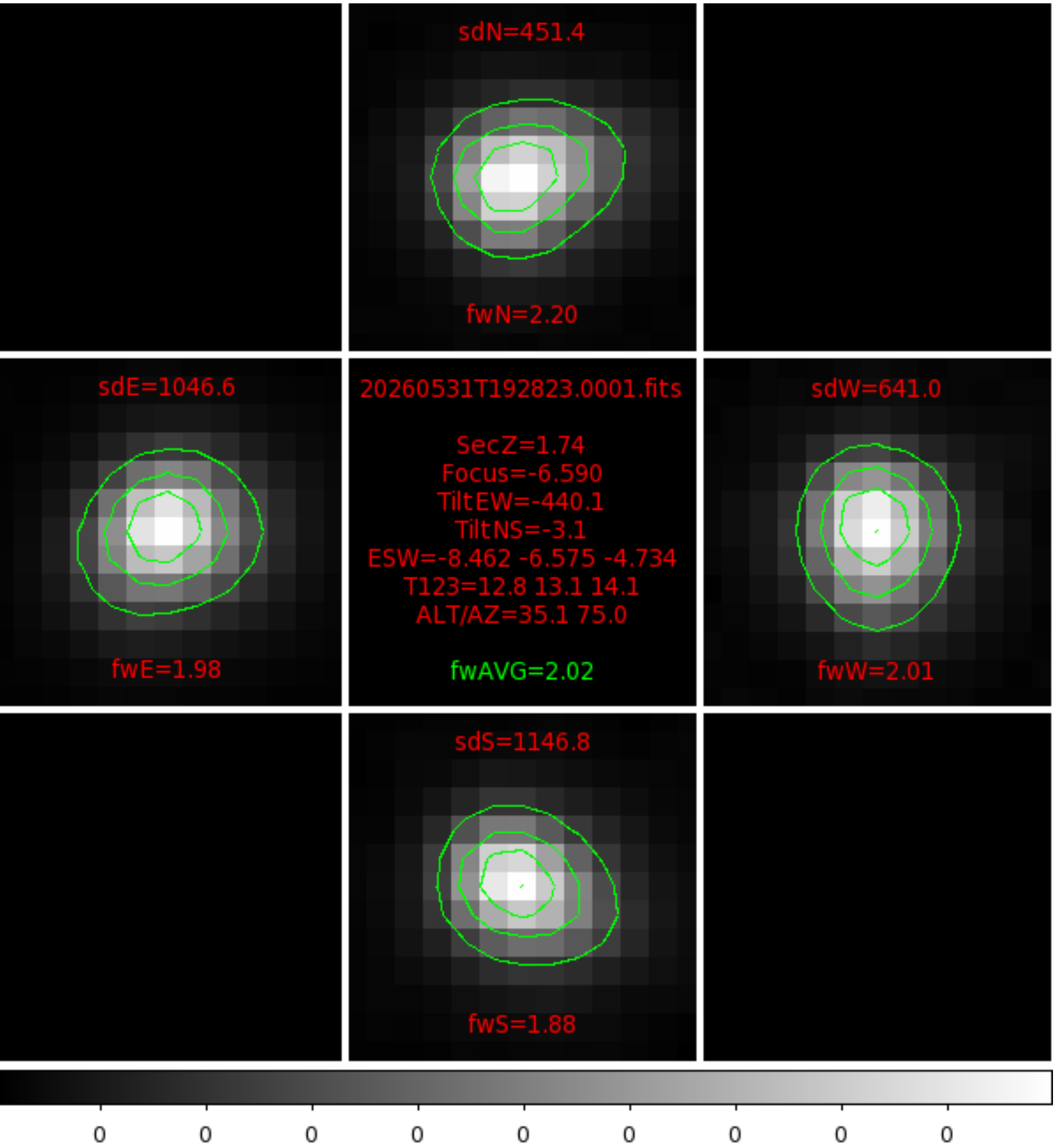
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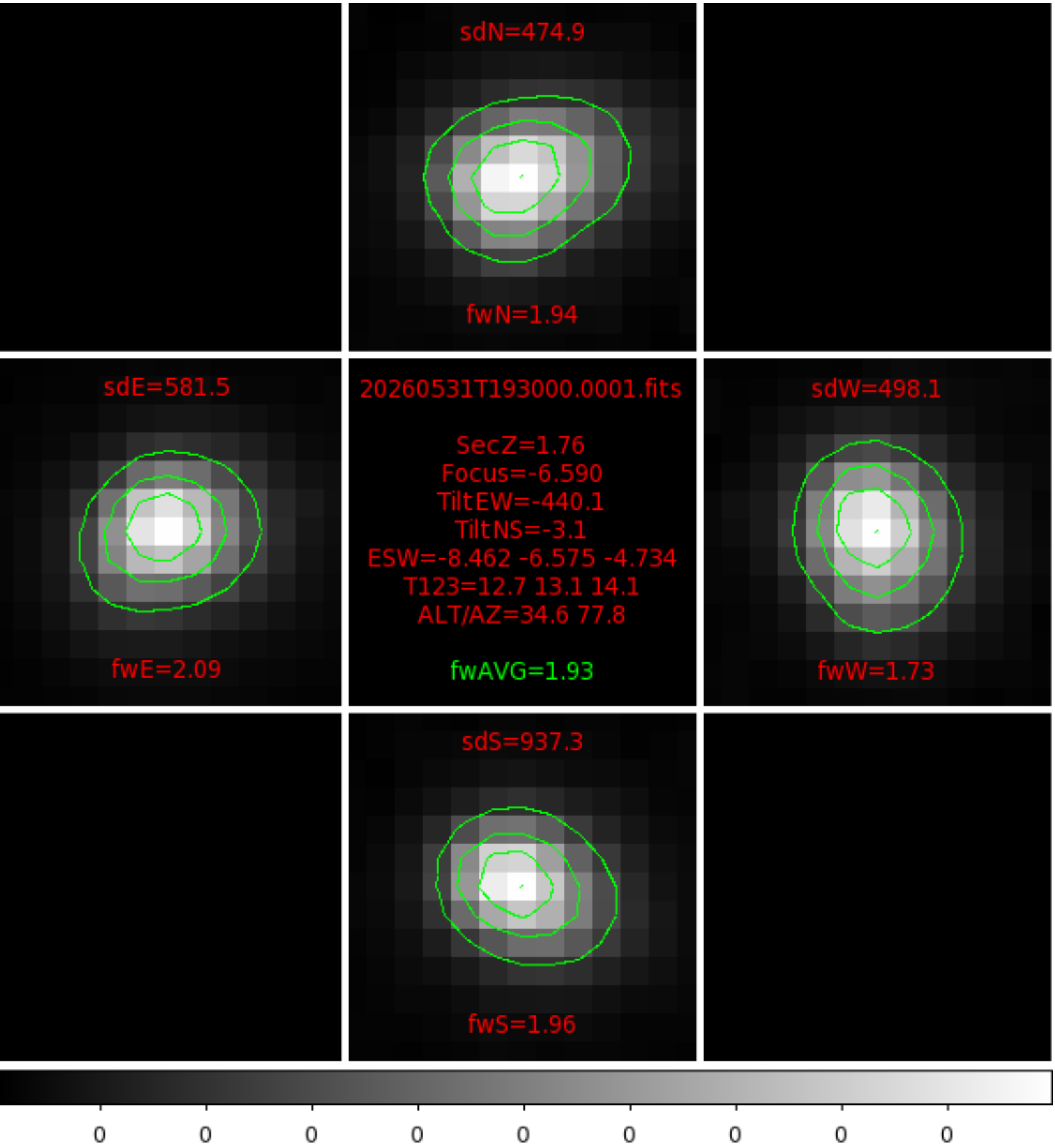
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T123=12.7 13.1 14.1
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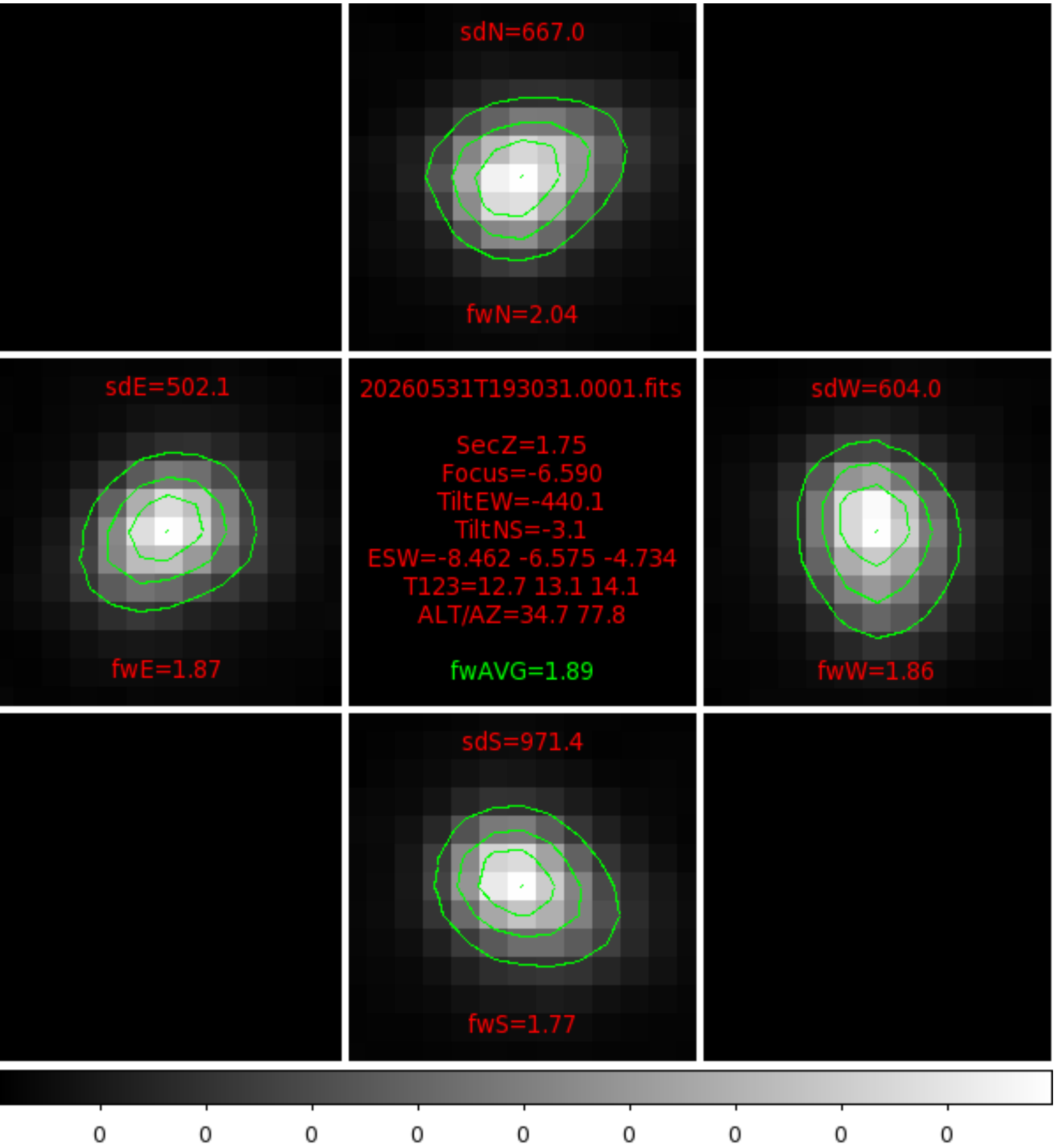
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SecZ=1.75
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T123=12.7 13.1 14.1
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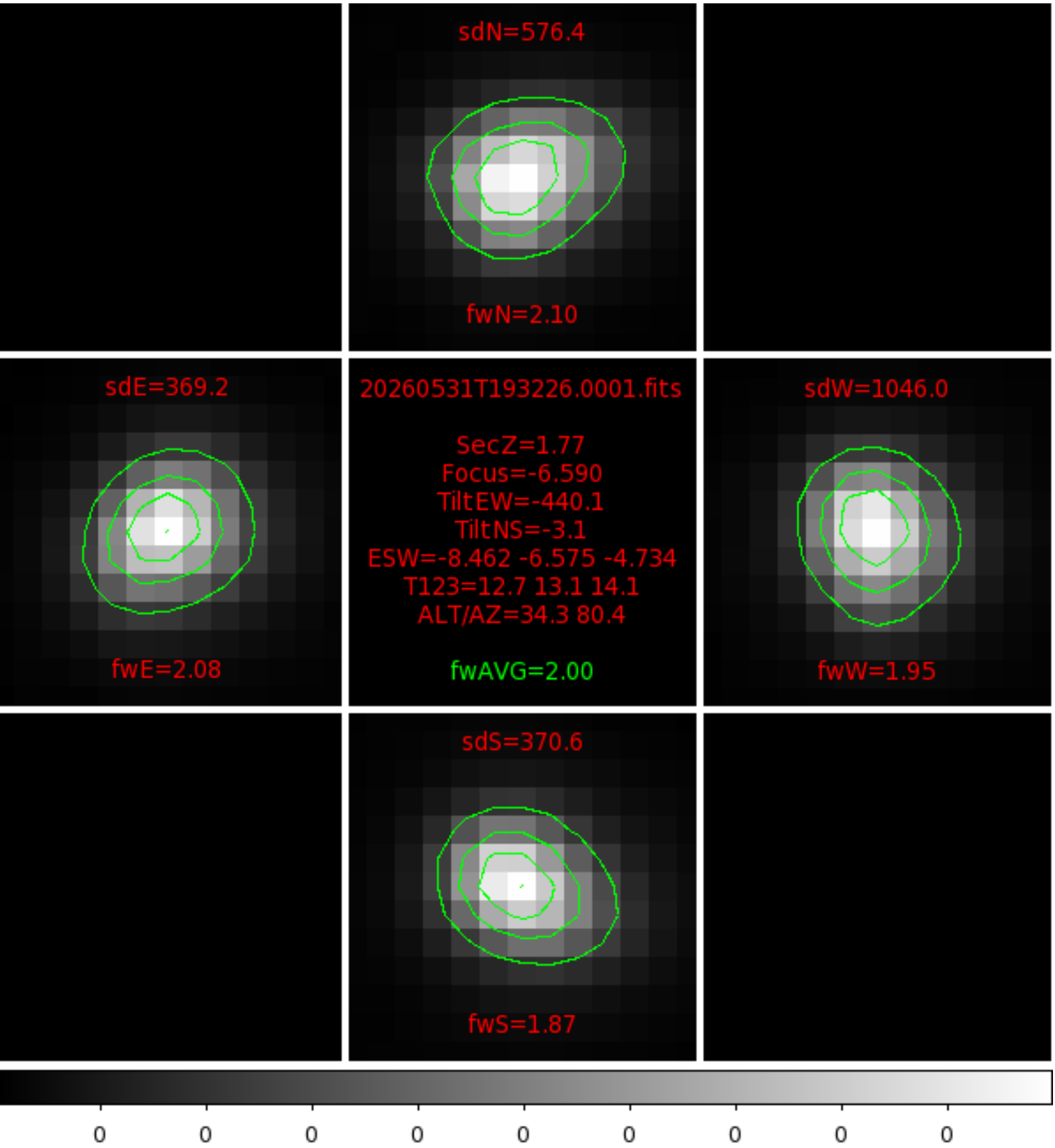
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SecZ=1.77
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T123=12.7 13.1 14.1
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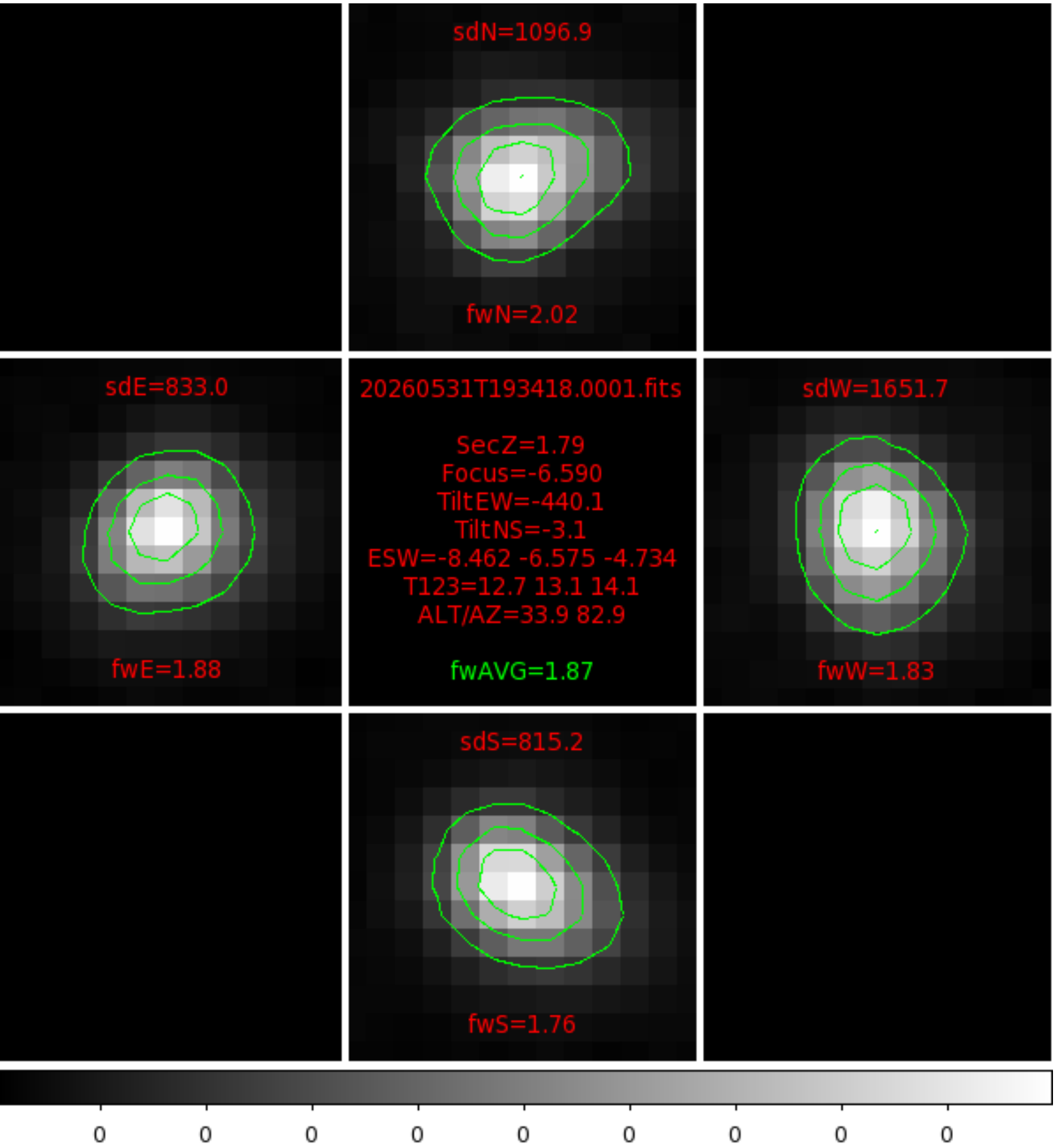
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ESW=-8.462 -6.575 -4.734
T123=12.7 13.1 14.1
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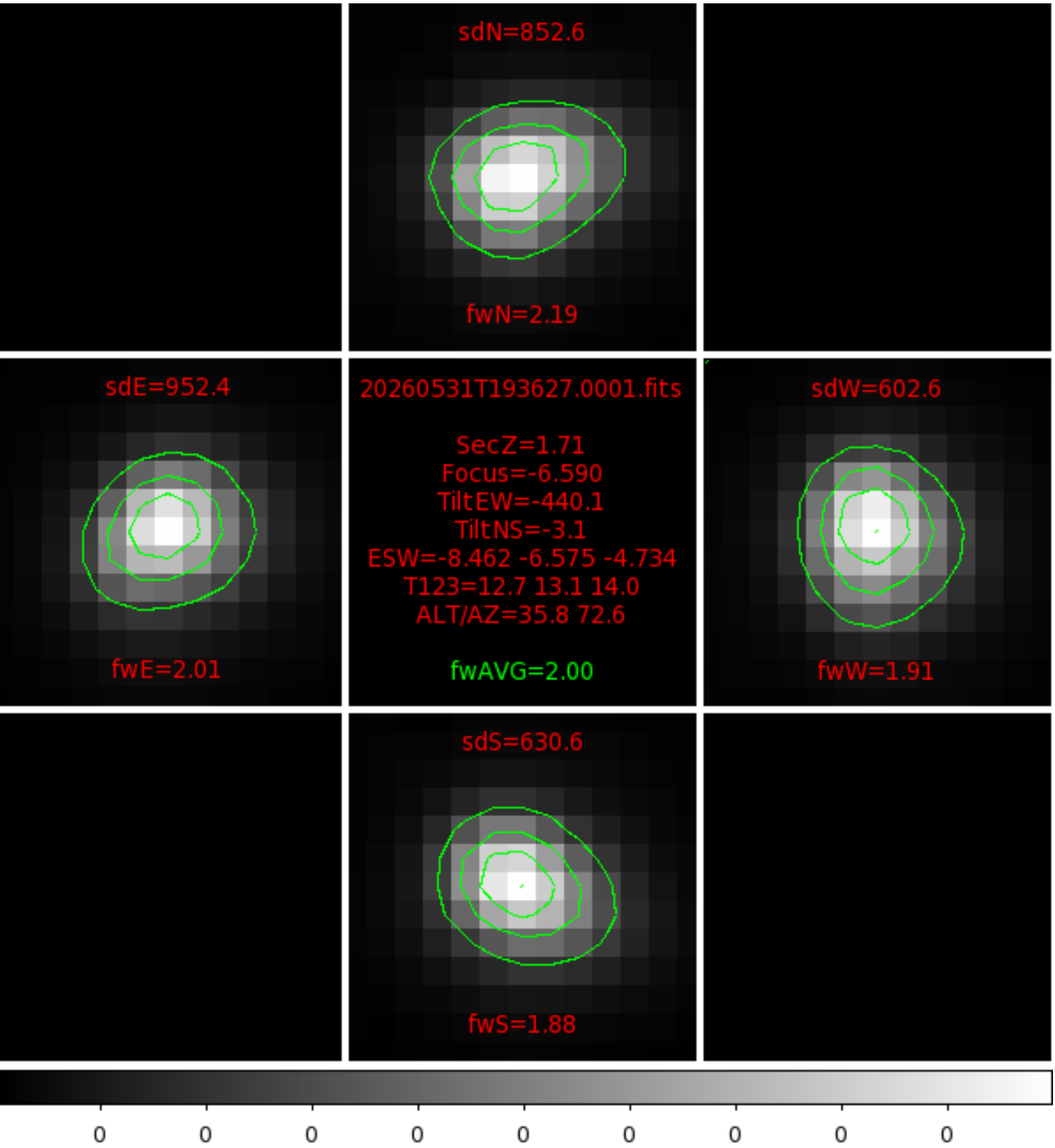
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SecZ=1.71
Focus=-6.590
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.462 -6.575 -4.734
T123=12.7 13.1 14.0
ALT/AZ=35.8 72.6
fwAVG=2.00
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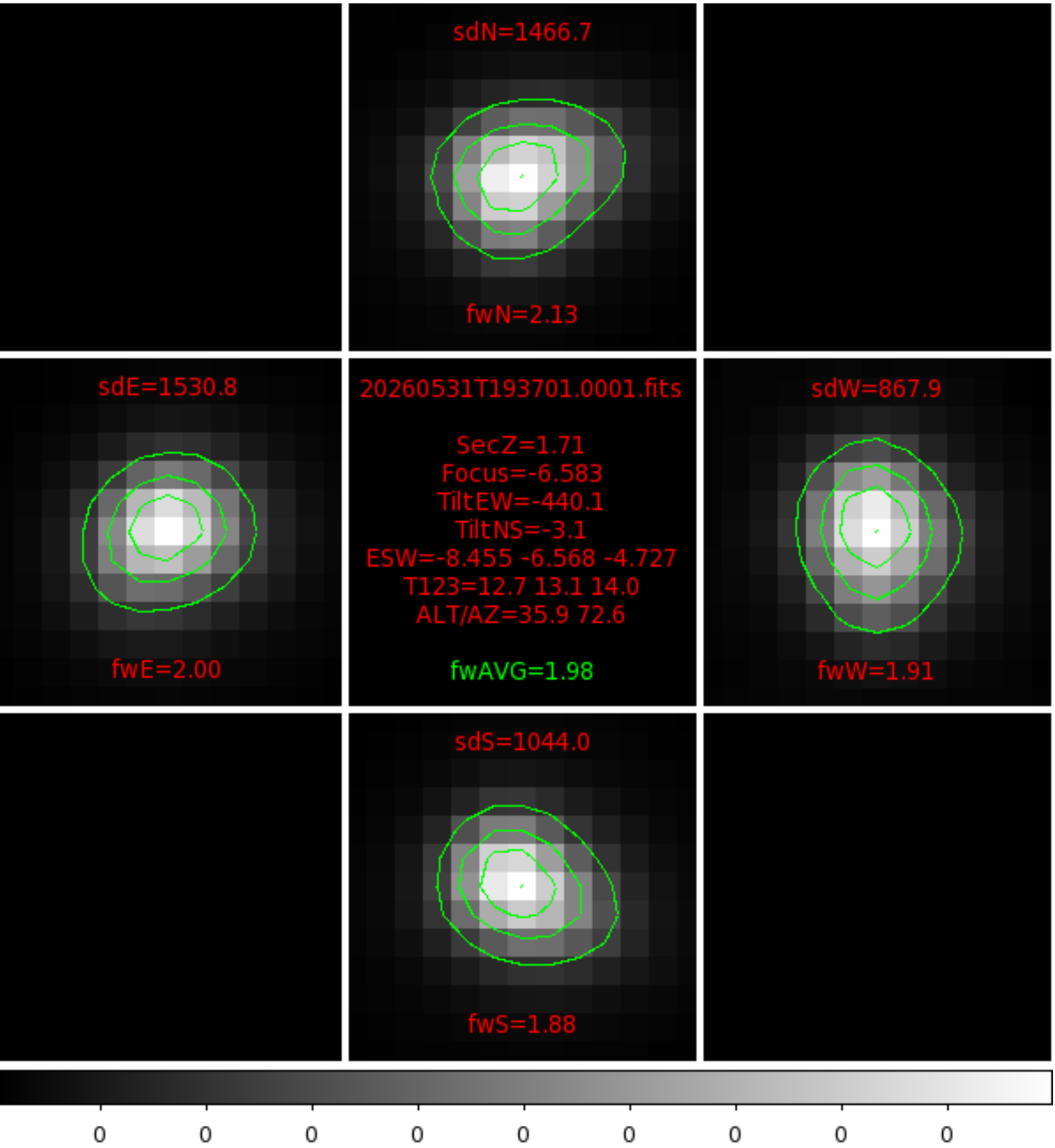
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TiltNS=-3.1
ESW=-8.455 -6.568 -4.727
T123=12.7 13.1 14.0
ALT/AZ=35.9 72.6
fwAVG=1.98
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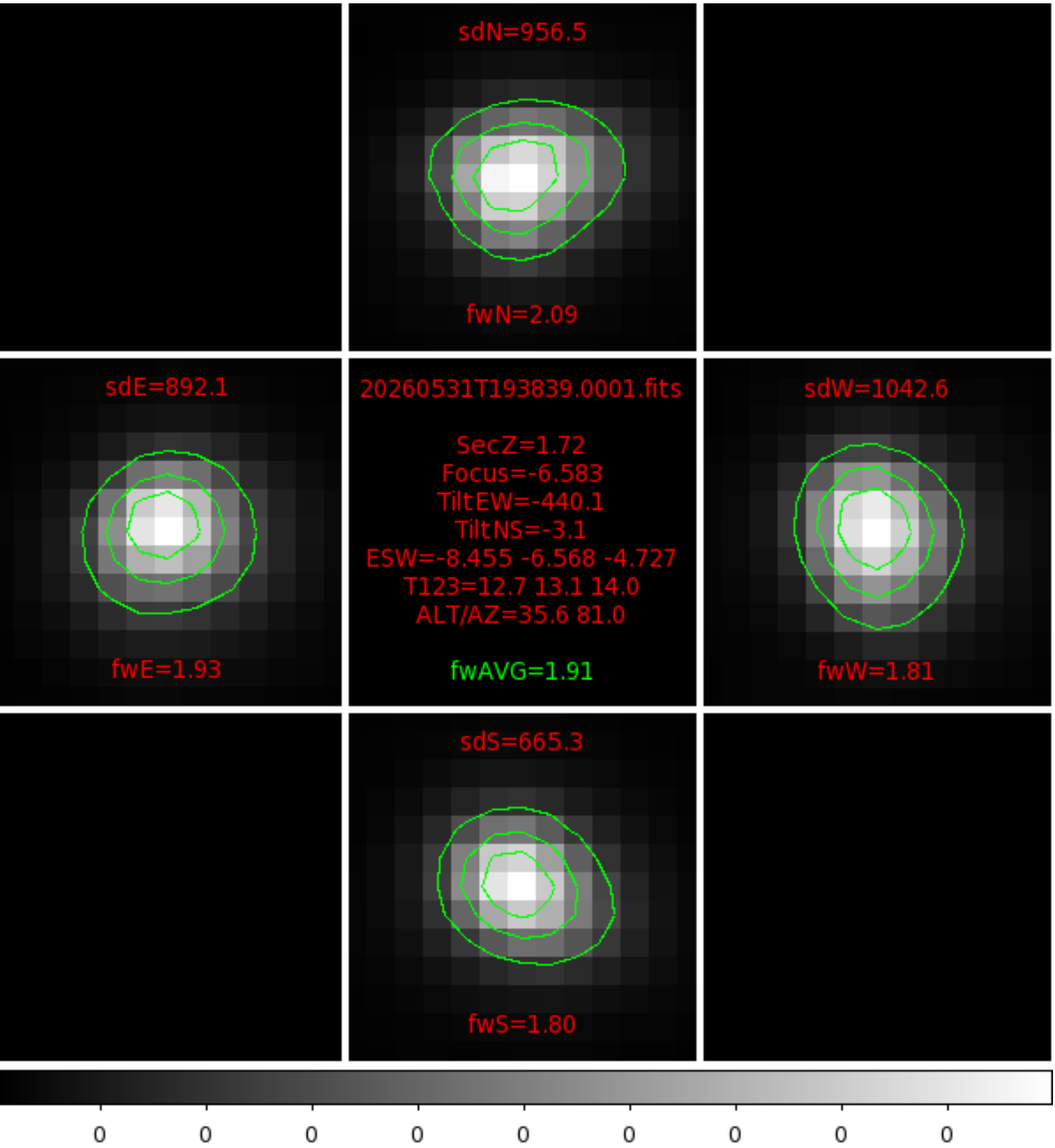
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TiltNS=-3.1
ESW=-8.455 -6.568 -4.727
T123=12.7 13.1 14.0
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fwAVG=1.91
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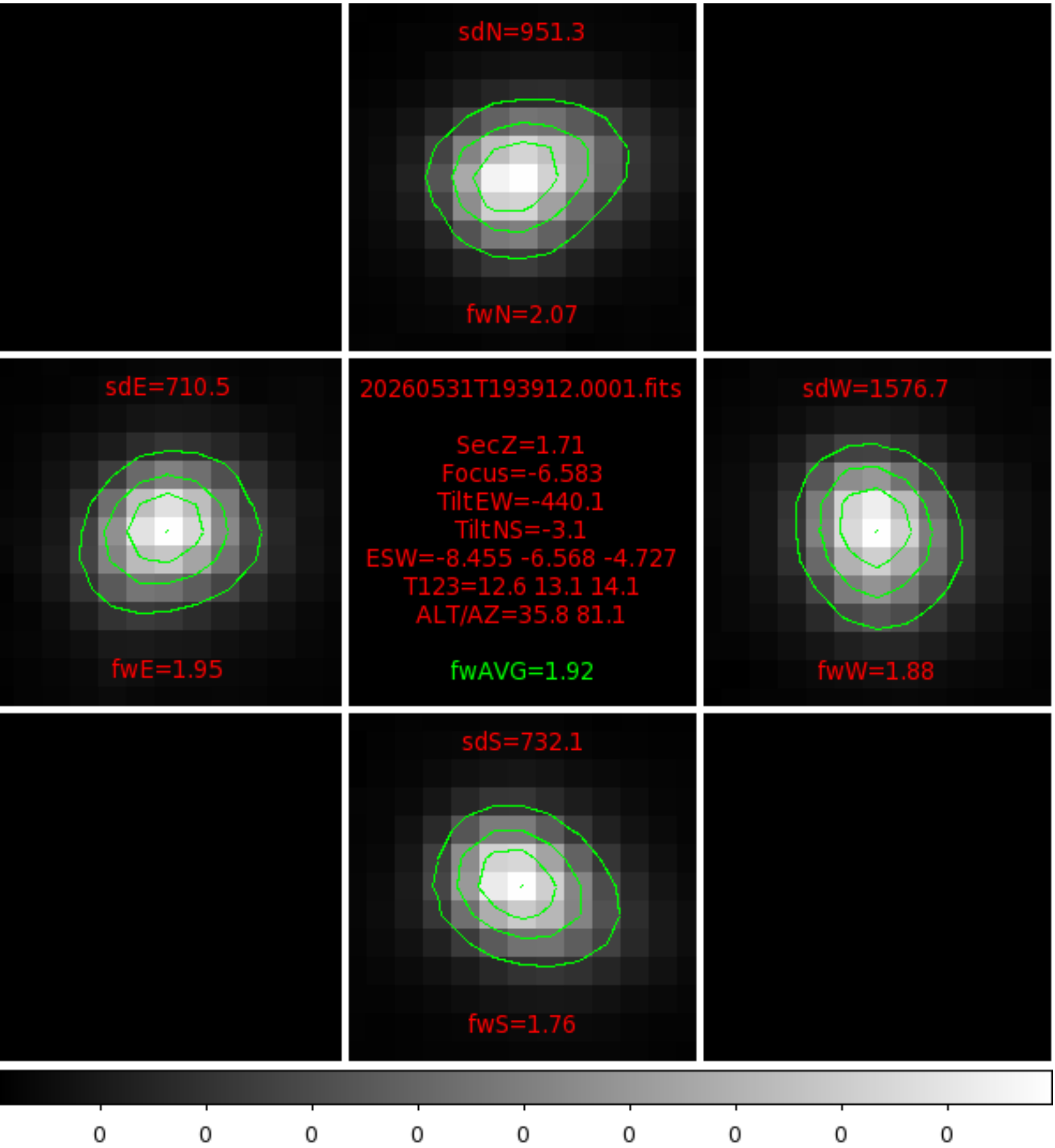
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SecZ=1.71
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ESW=-8.455 -6.568 -4.727
T123=12.6 13.1 14.1
ALT/AZ=35.8 81.1
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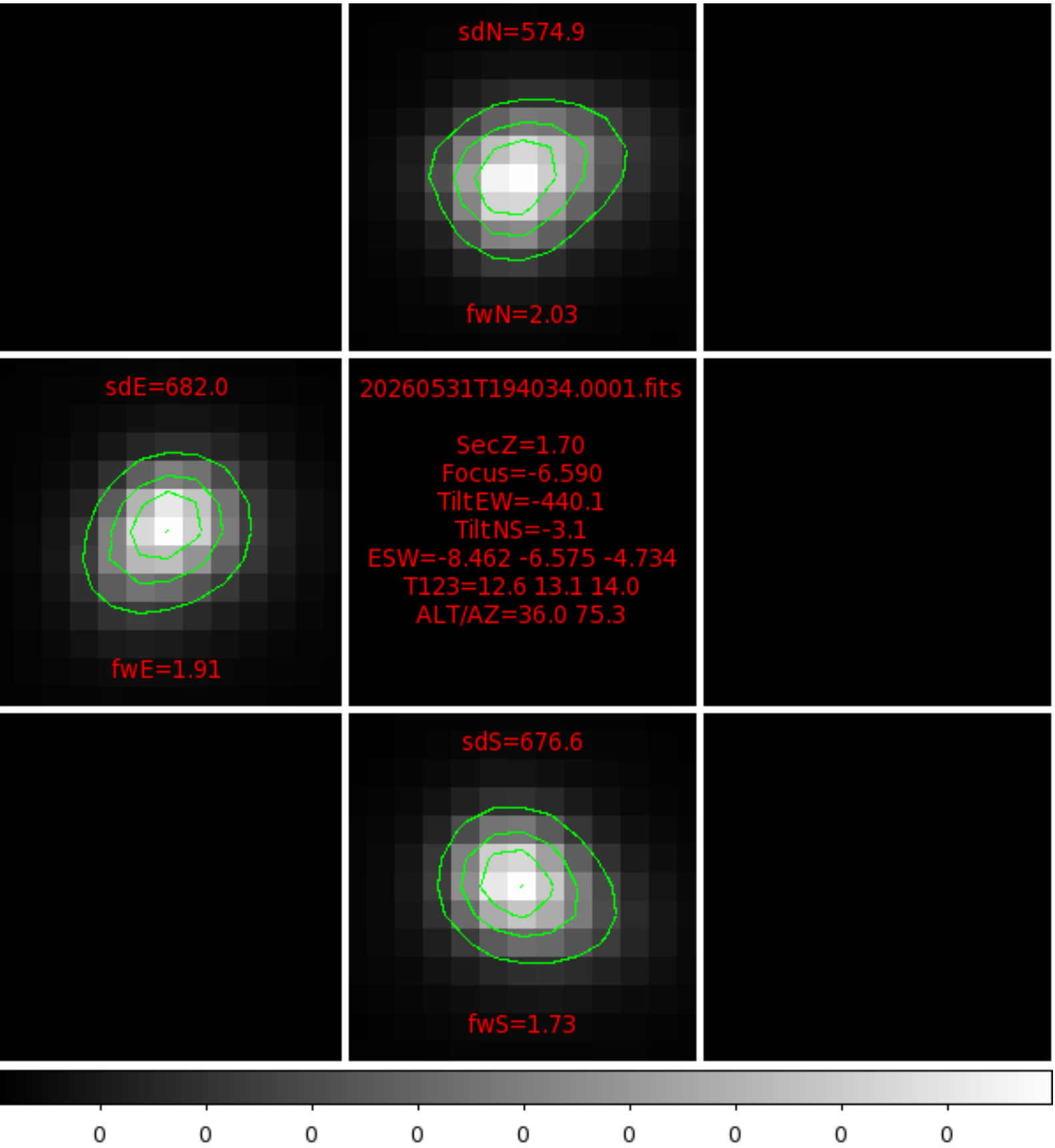
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Focus=-6.590
TiltEW=-440.1
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ESW=-8.462 -6.575 -4.734
T123=12.6 13.1 14.0
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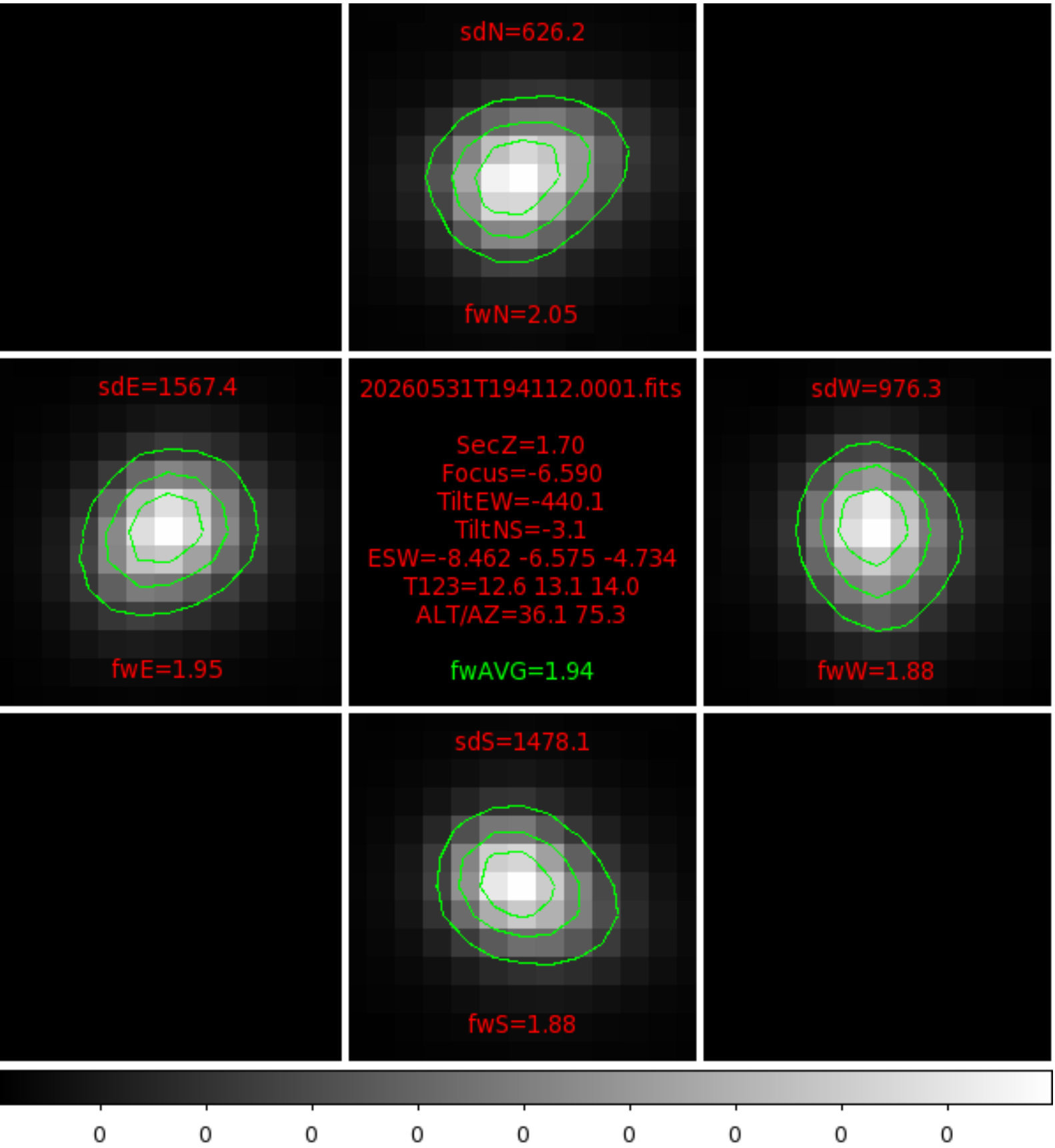
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SecZ=1.70
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.462 -6.575 -4.734
T123=12.6 13.1 14.0
ALT/AZ=36.1 75.3
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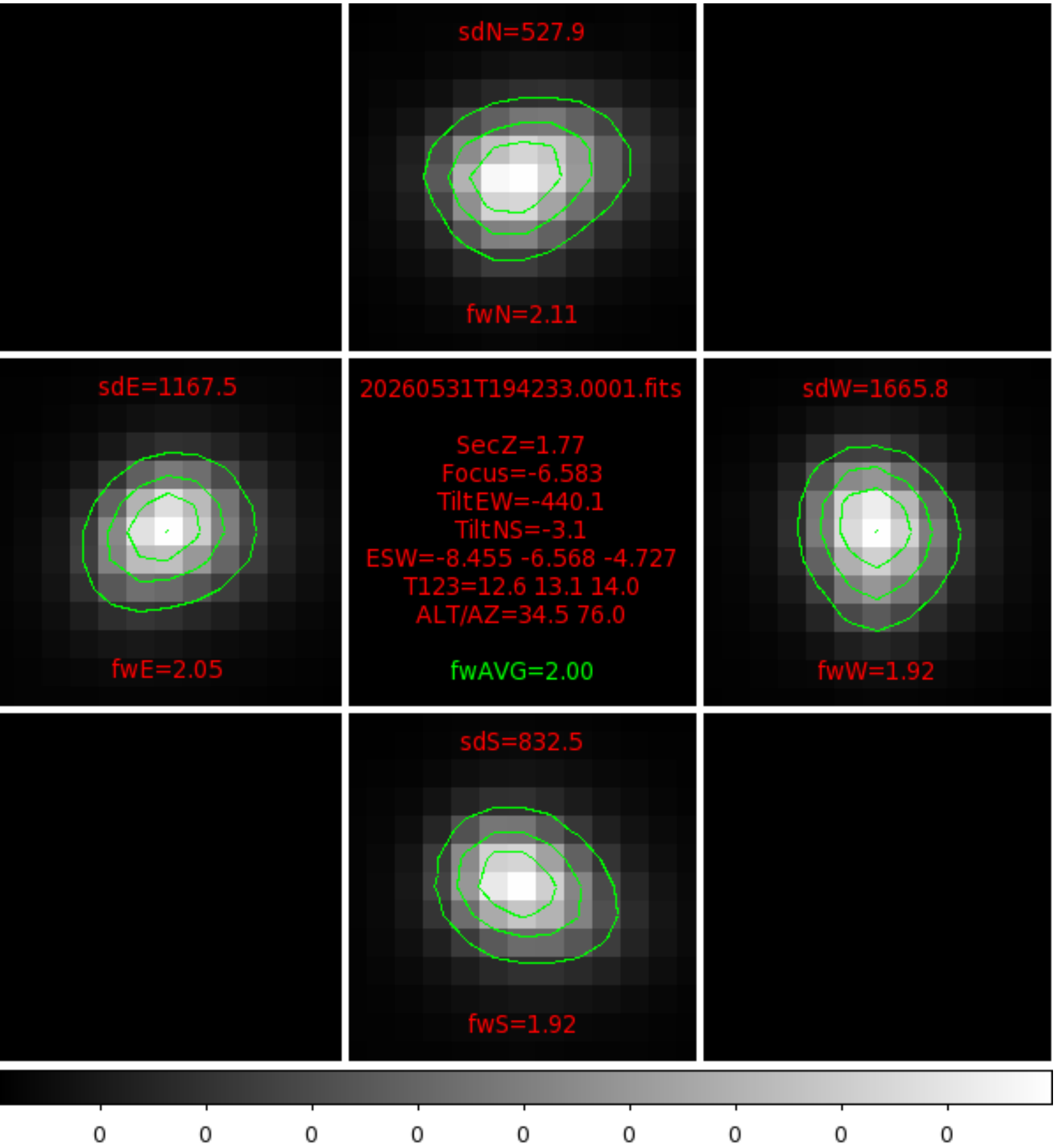
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TiltEW=-440.1
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ESW=-8.455 -6.568 -4.727
T123=12.6 13.1 14.0
ALT/AZ=34.5 76.0
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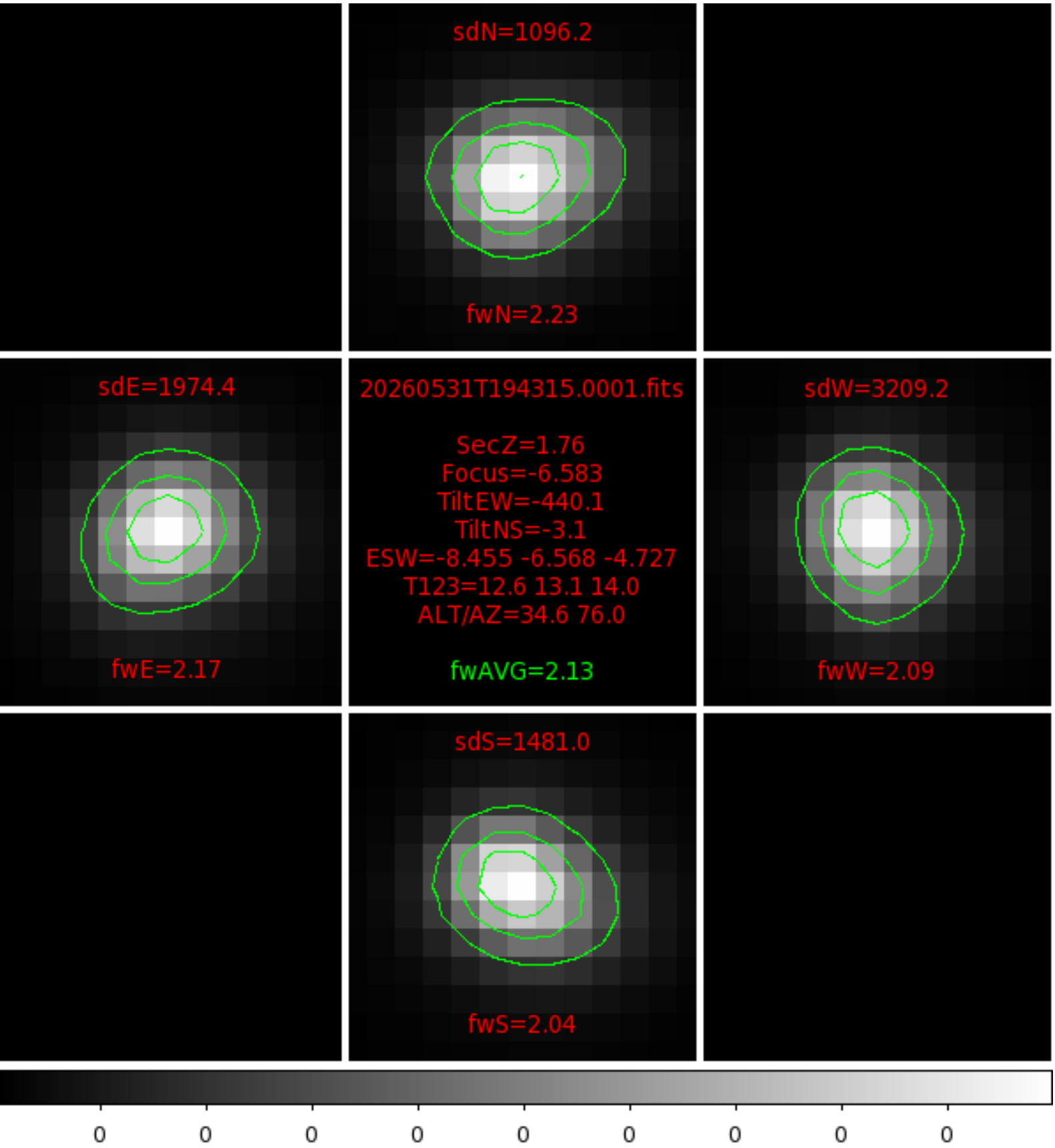
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ESW=-8.455 -6.568 -4.727
T123=12.6 13.1 14.0
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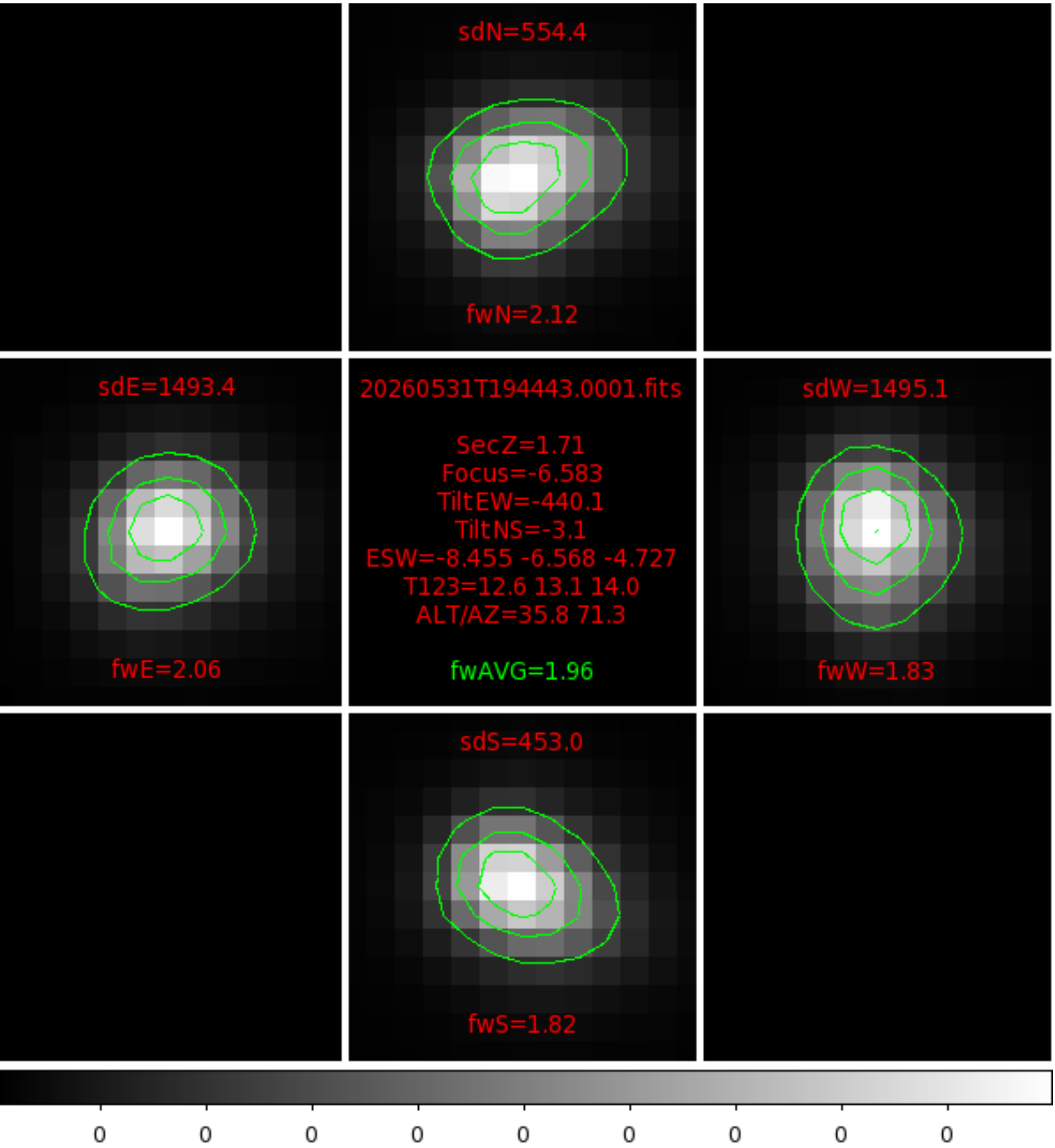
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.455 -6.568 -4.727
T123=12.6 13.1 14.0
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fwAVG=1.96
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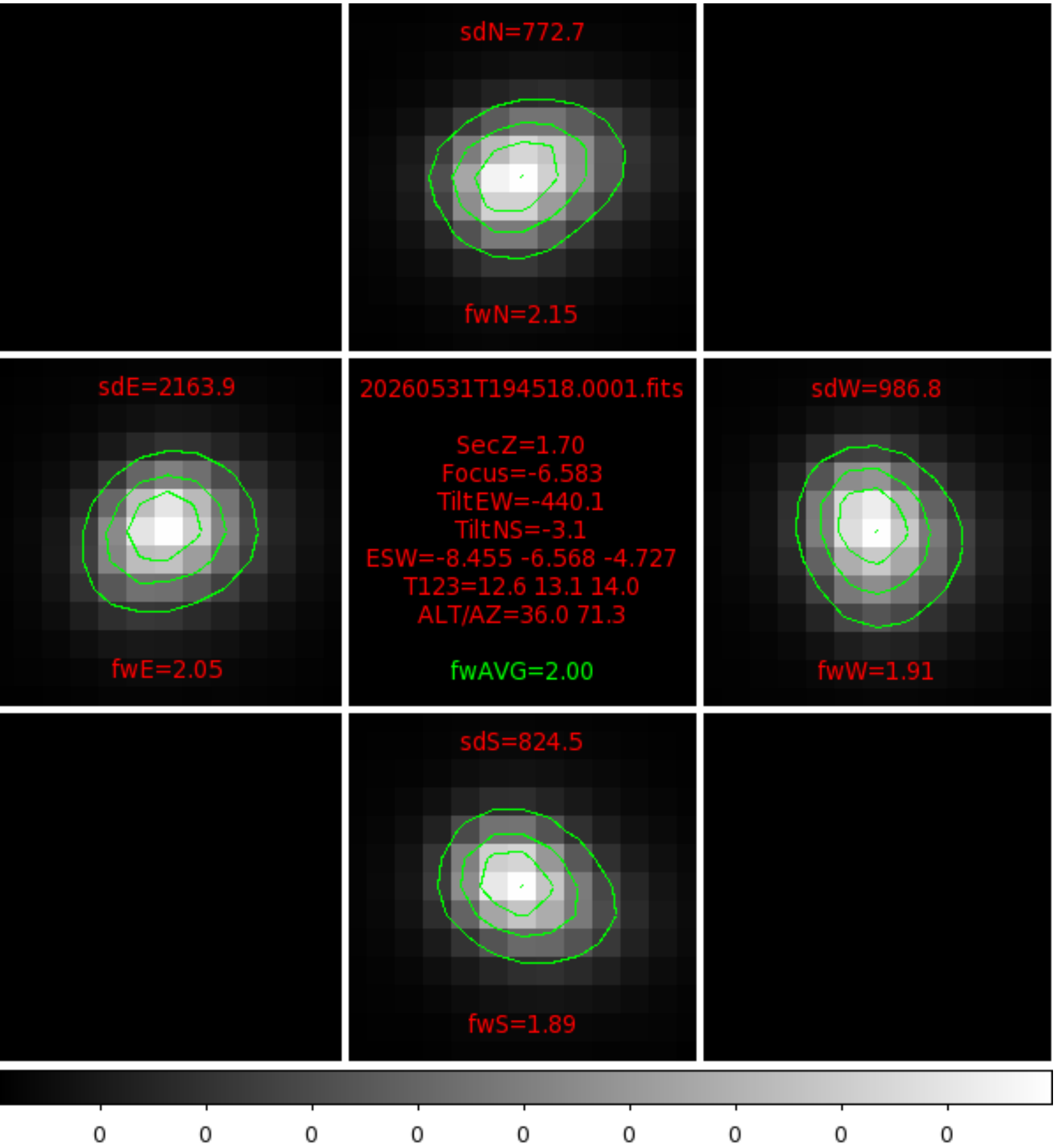
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ESW=-8.455 -6.568 -4.727
T123=12.6 13.1 14.0
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fwAVG=2.00
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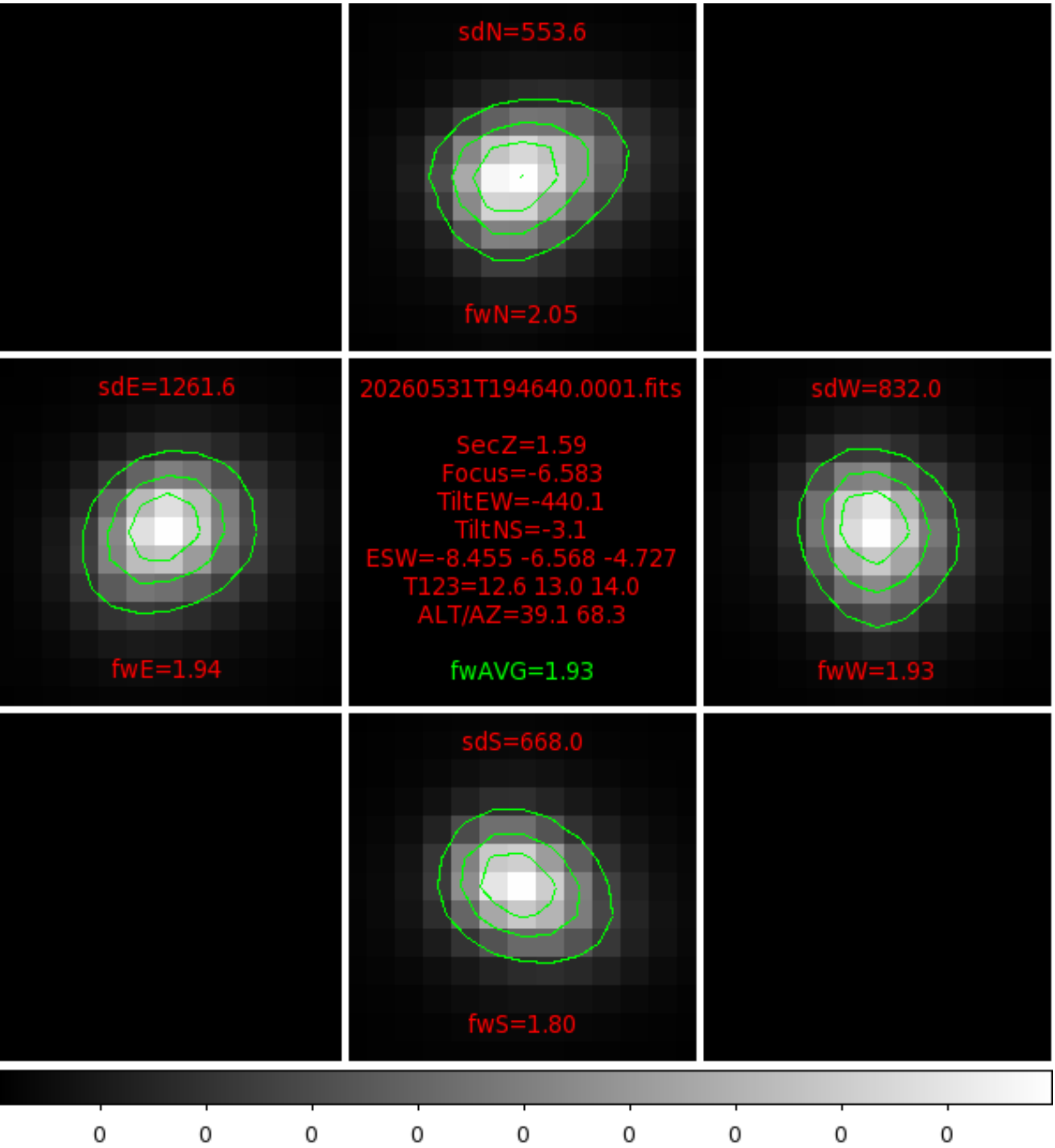
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ESW=-8.455 -6.568 -4.727
T123=12.6 13.0 14.0
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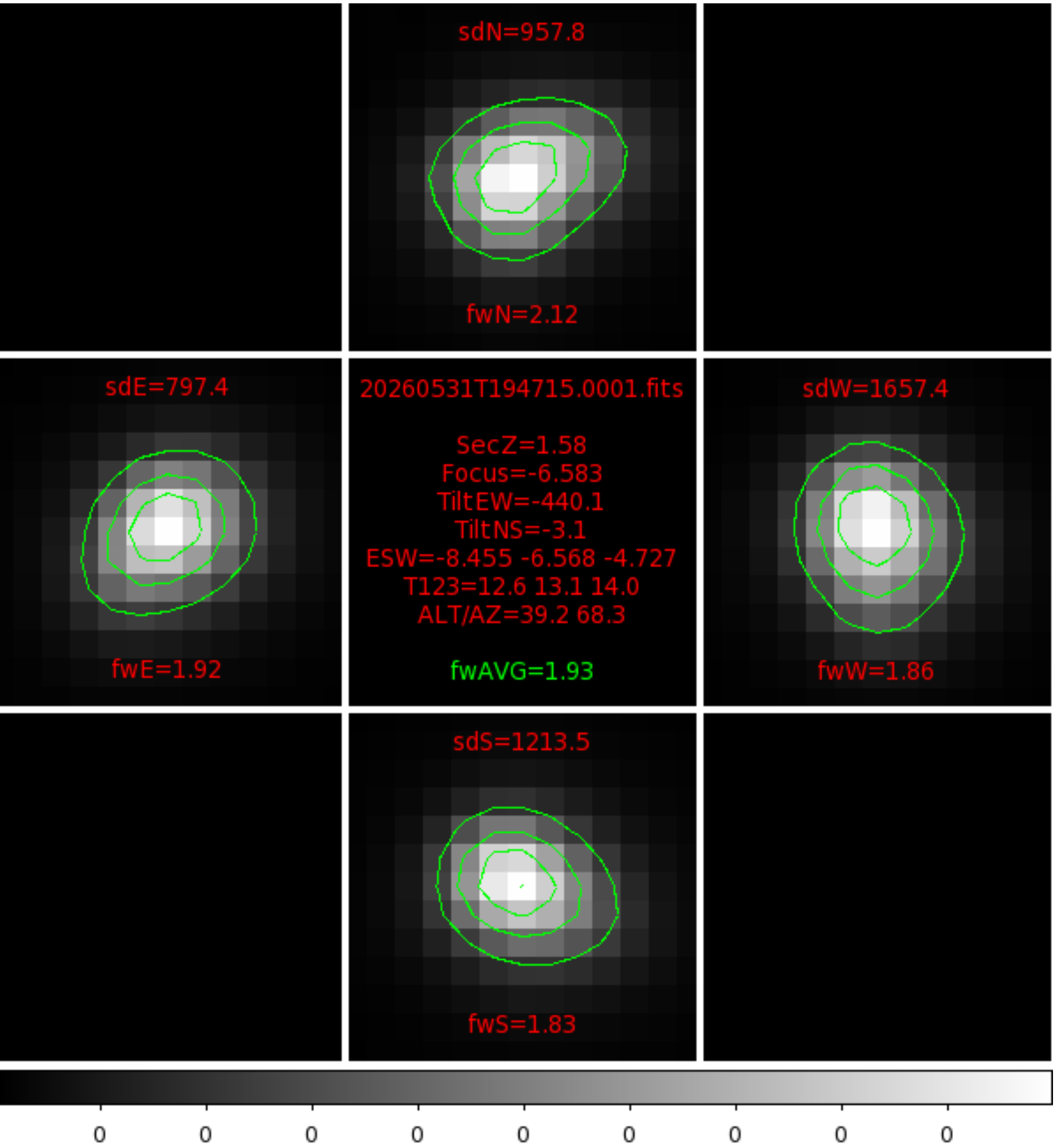
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T123=12.6 13.1 14.0
ALT/AZ=39.2 68.3
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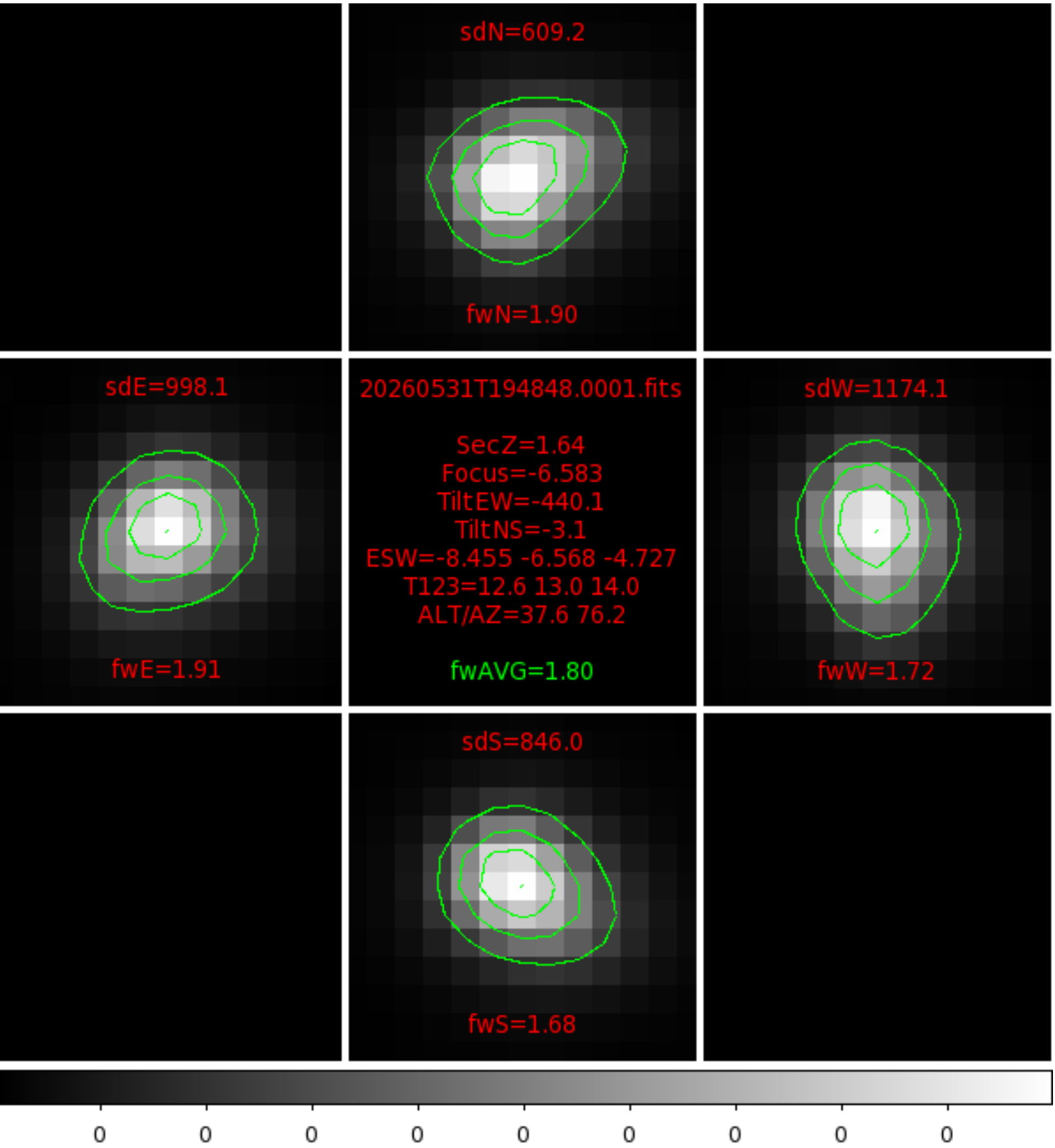
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ESW=-8.455 -6.568 -4.727
T123=12.6 13.0 14.0
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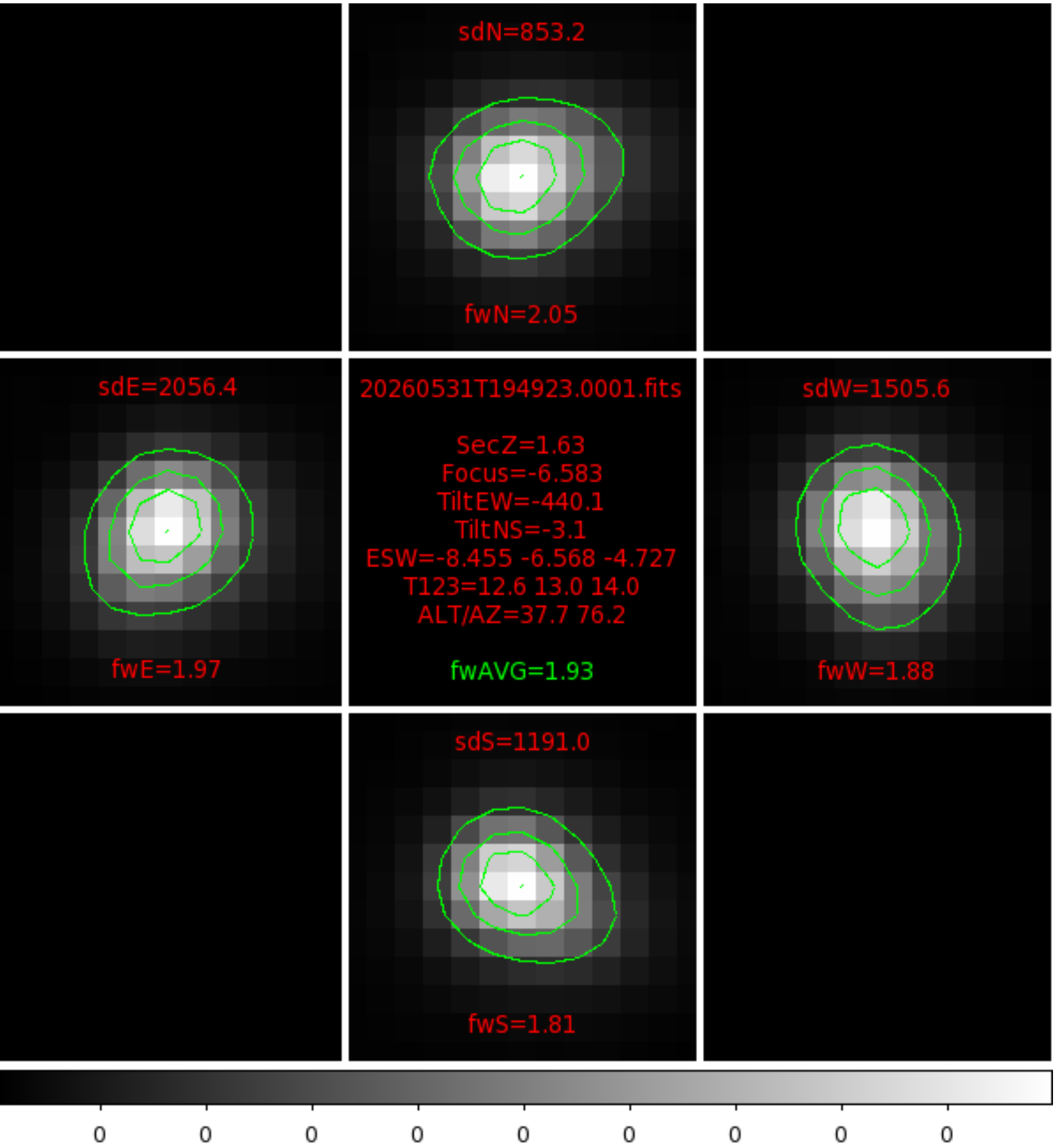
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ESW=-8.455 -6.568 -4.727
T123=12.6 13.0 14.0
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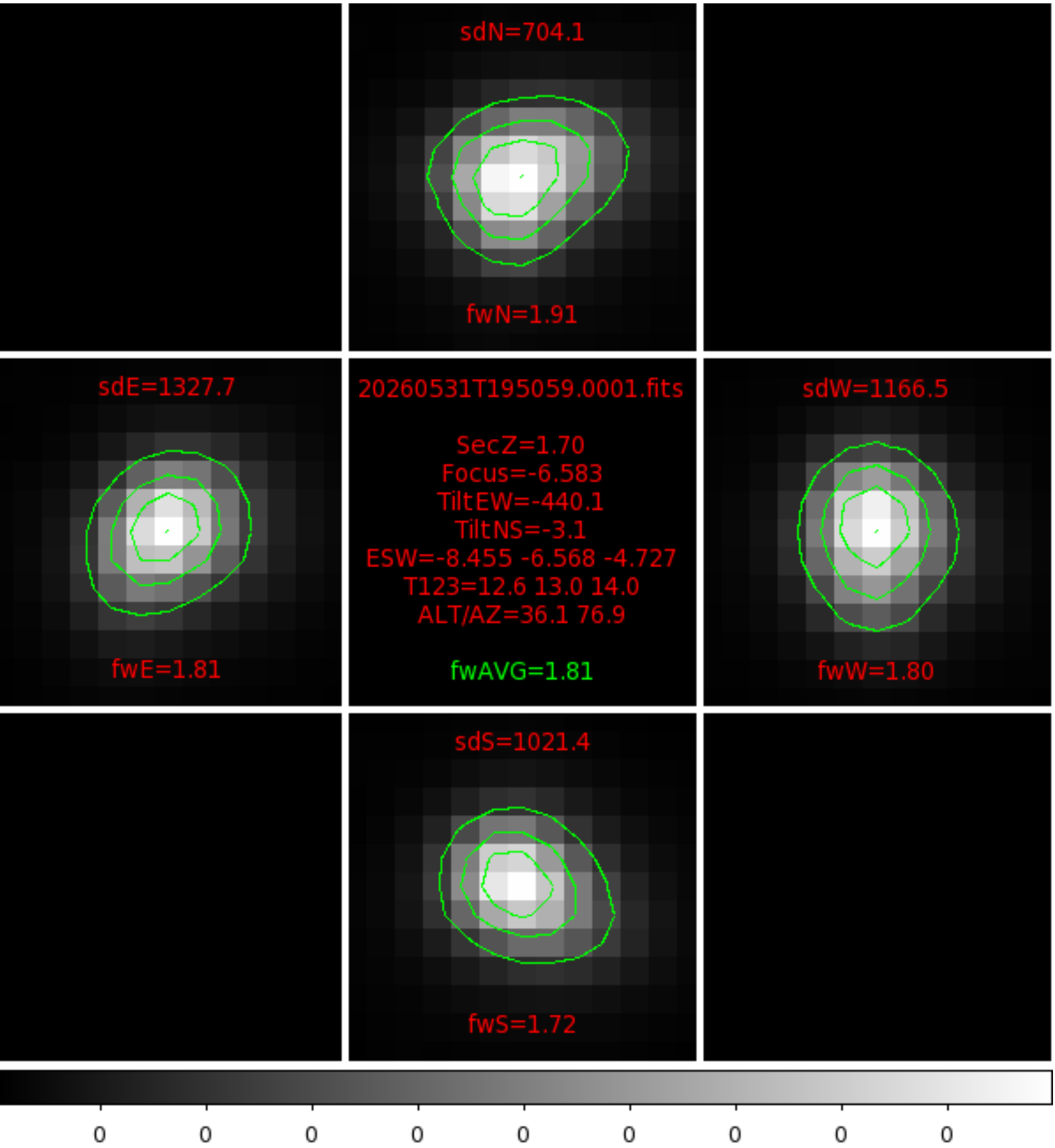
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TiltNS=-3.1
ESW=-8.455 -6.568 -4.727
T123=12.6 13.0 14.0
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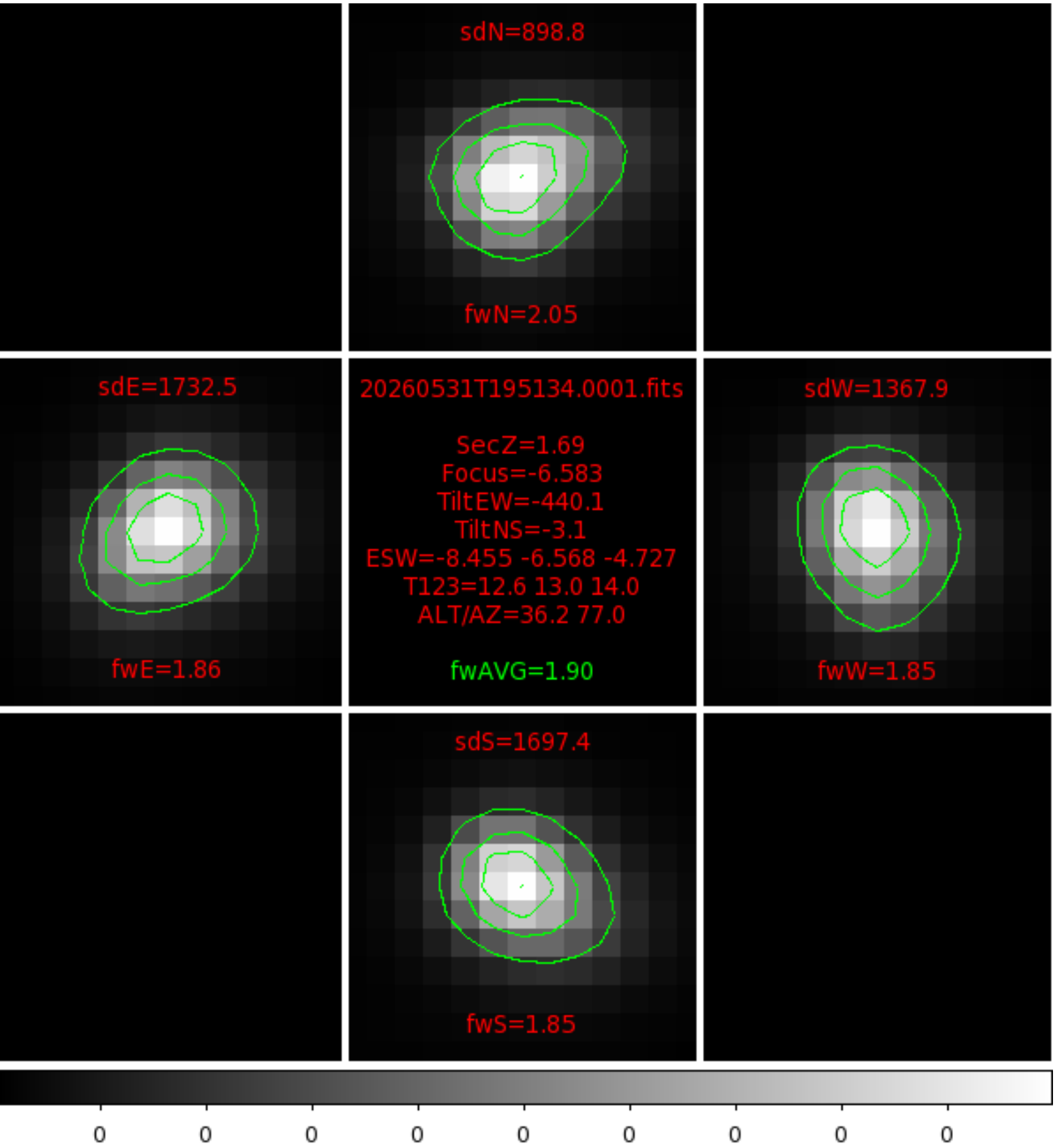
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TiltNS=-3.1
ESW=-8.455 -6.568 -4.727
T123=12.6 13.0 14.0
ALT/AZ=36.2 77.0
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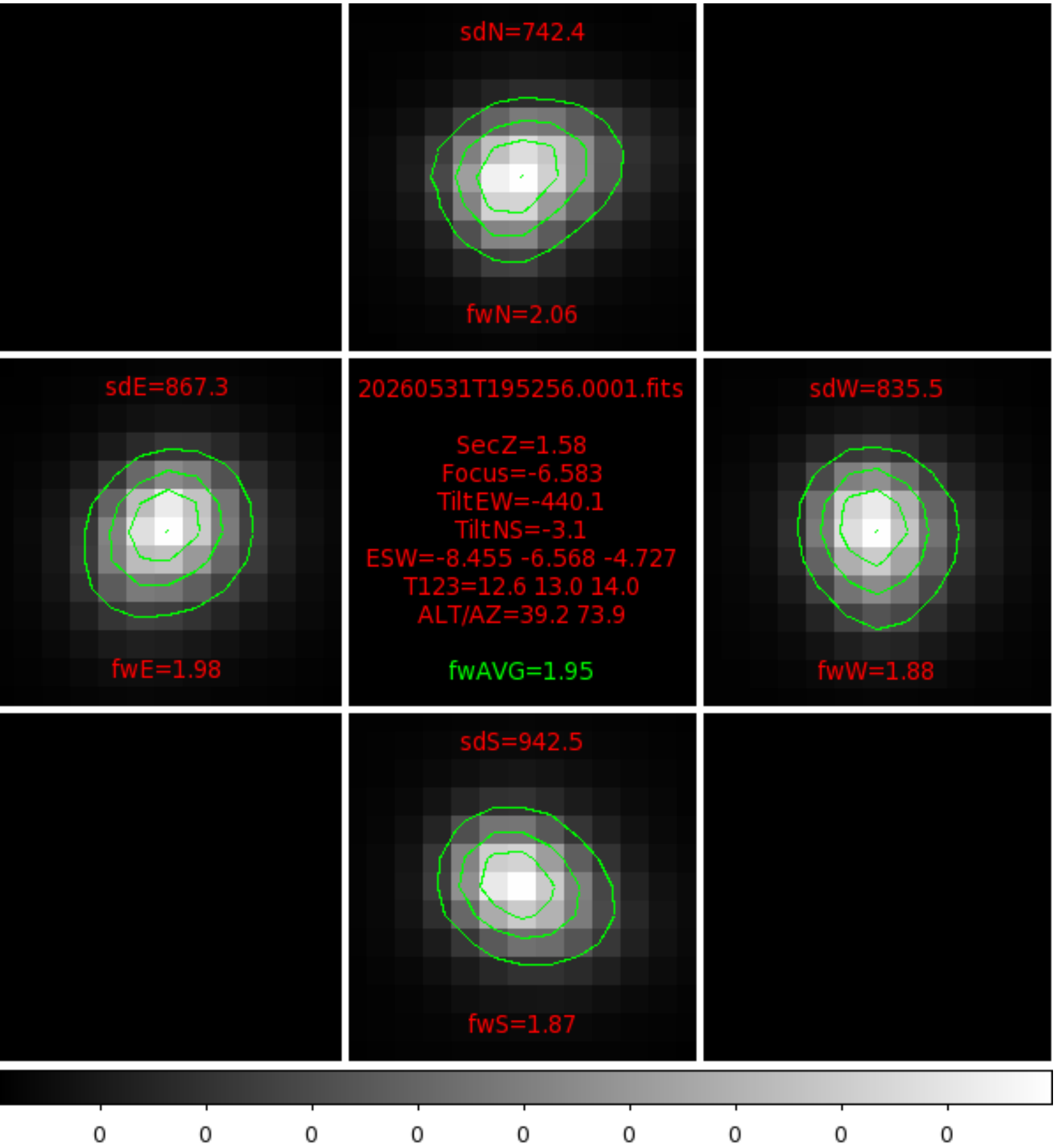
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TiltNS=-3.1
ESW=-8.455 -6.568 -4.727
T123=12.6 13.0 14.0
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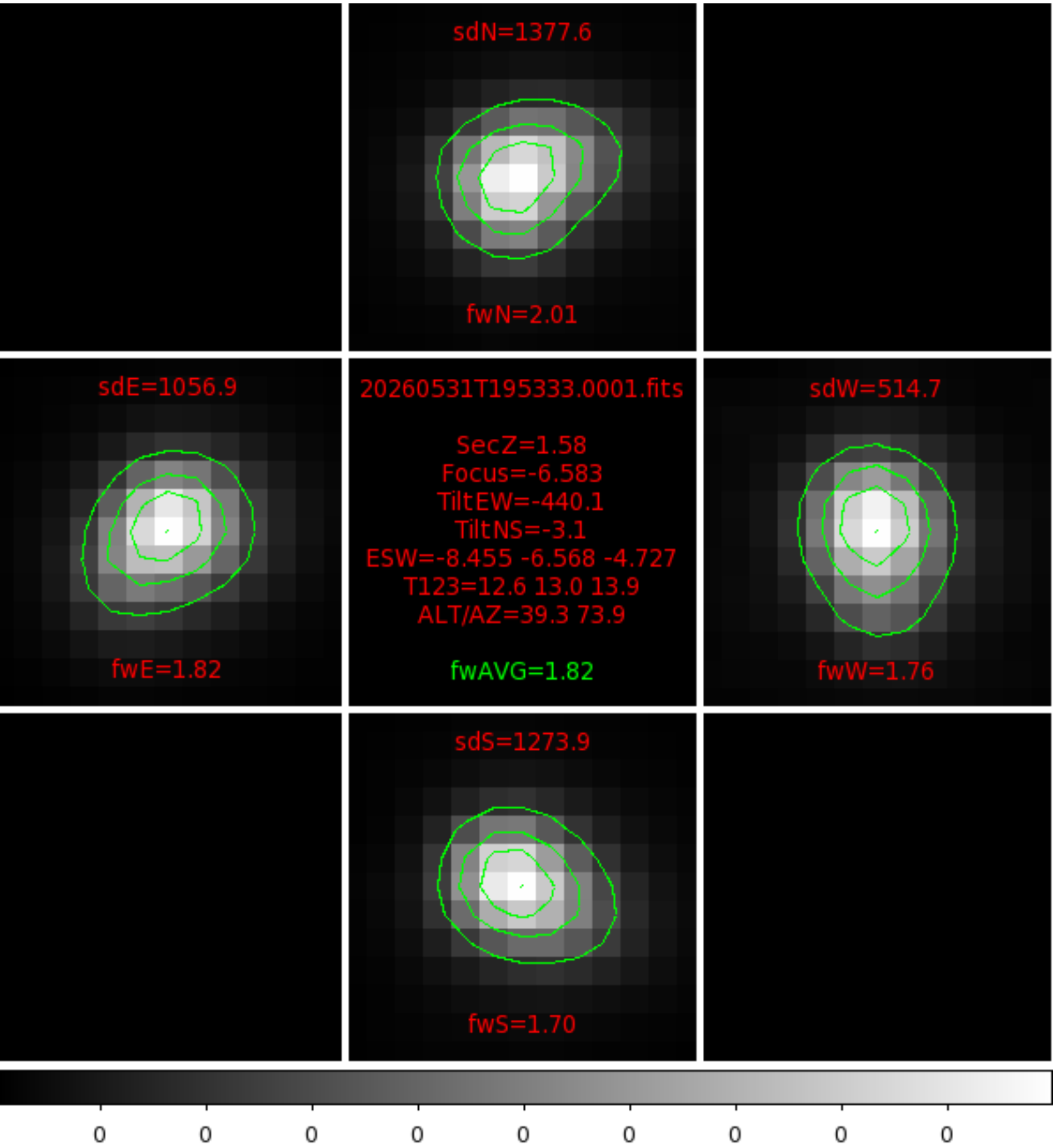
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T123=12.6 13.0 13.9
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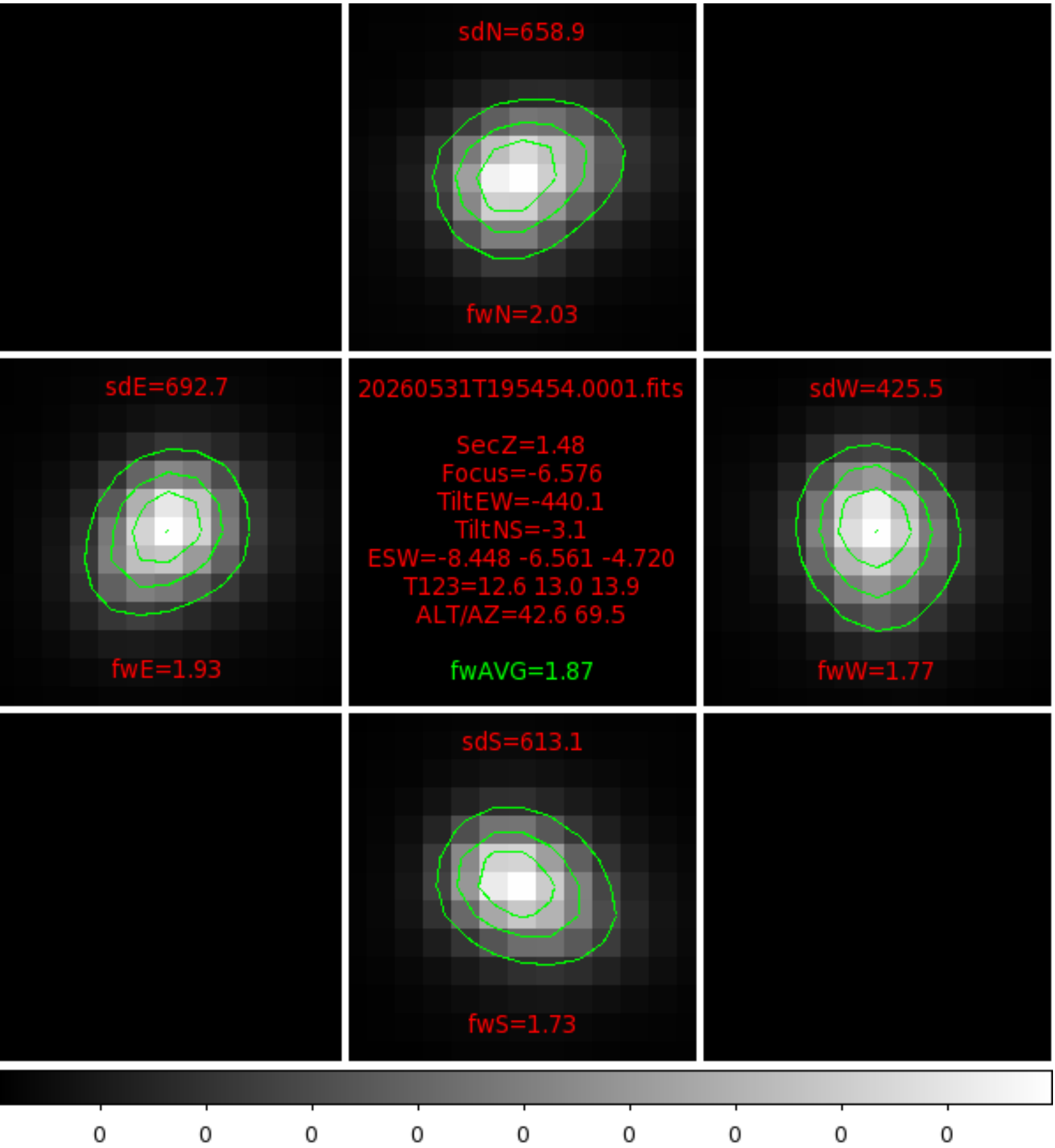
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TiltNS=-3.1
ESW=-8.448 -6.561 -4.720
T123=12.6 13.0 13.9
ALT/AZ=42.6 69.5
fwAVG=1.87
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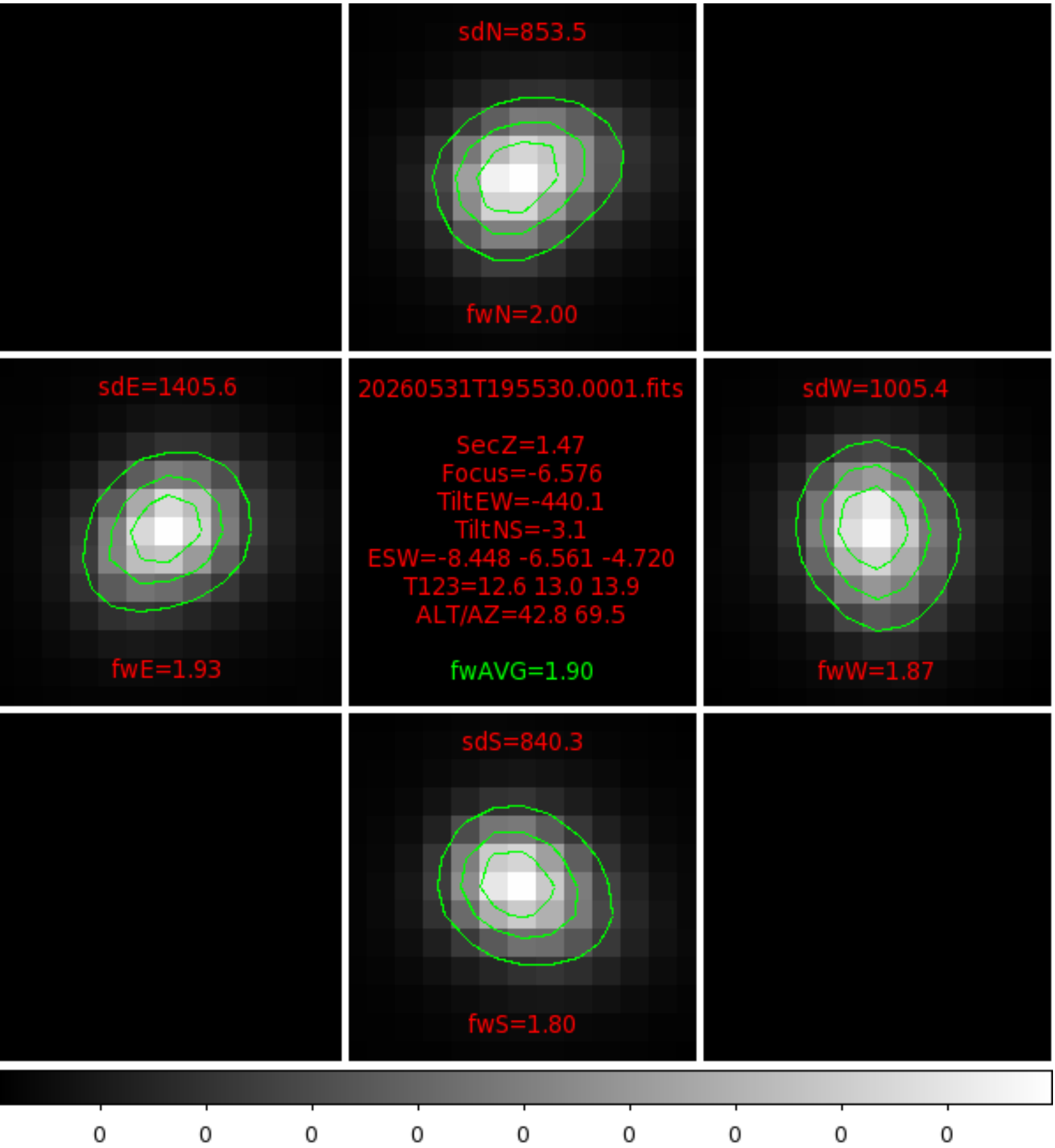
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ESW=-8.448 -6.561 -4.720
T123=12.6 13.0 13.9
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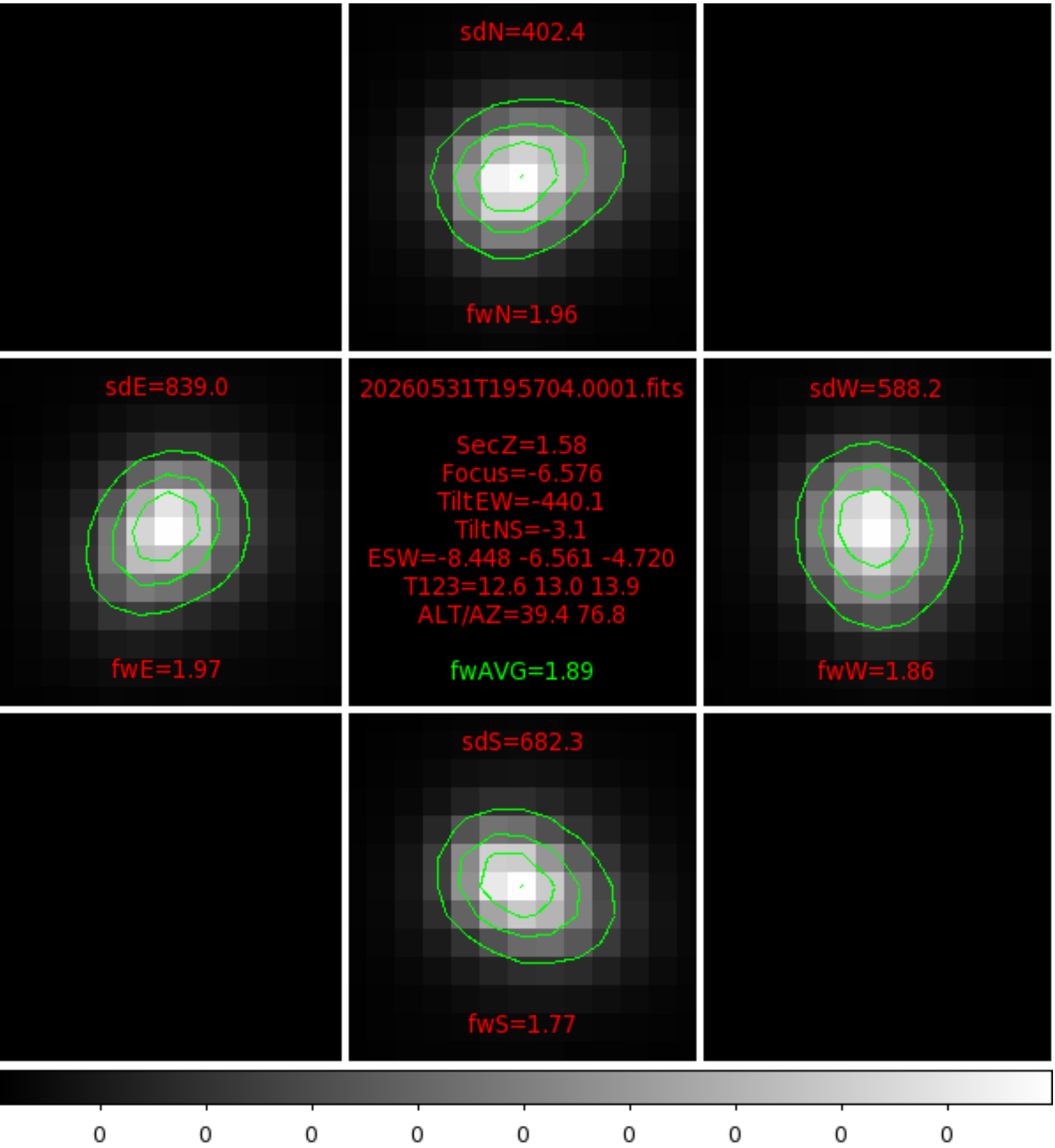
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SecZ=1.58
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ESW=-8.448 -6.561 -4.720
T123=12.6 13.0 13.9
ALT/AZ=39.4 76.8
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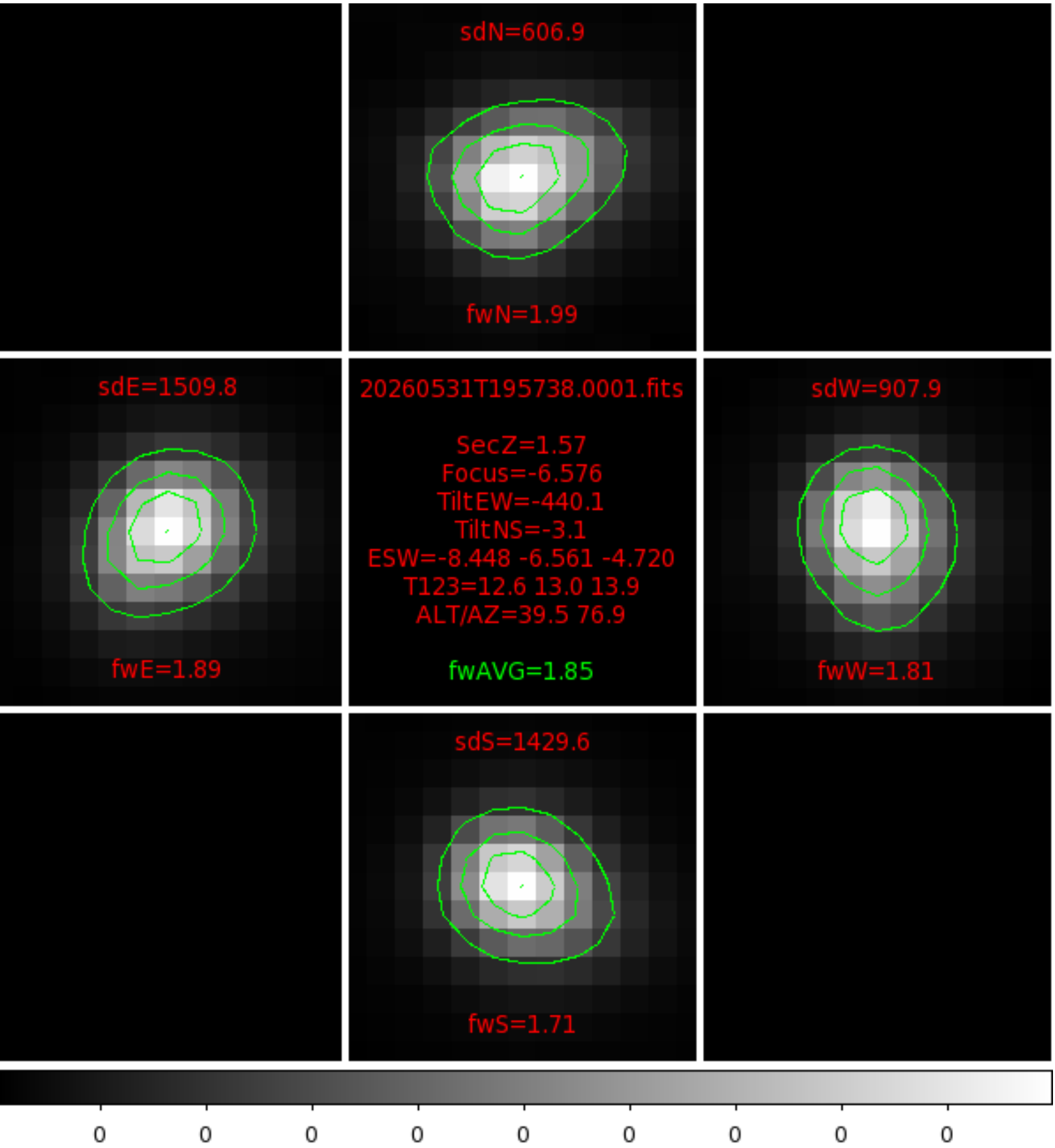
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SecZ=1.57
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T123=12.6 13.0 13.9
ALT/AZ=39.5 76.9
fwAVG=1.85
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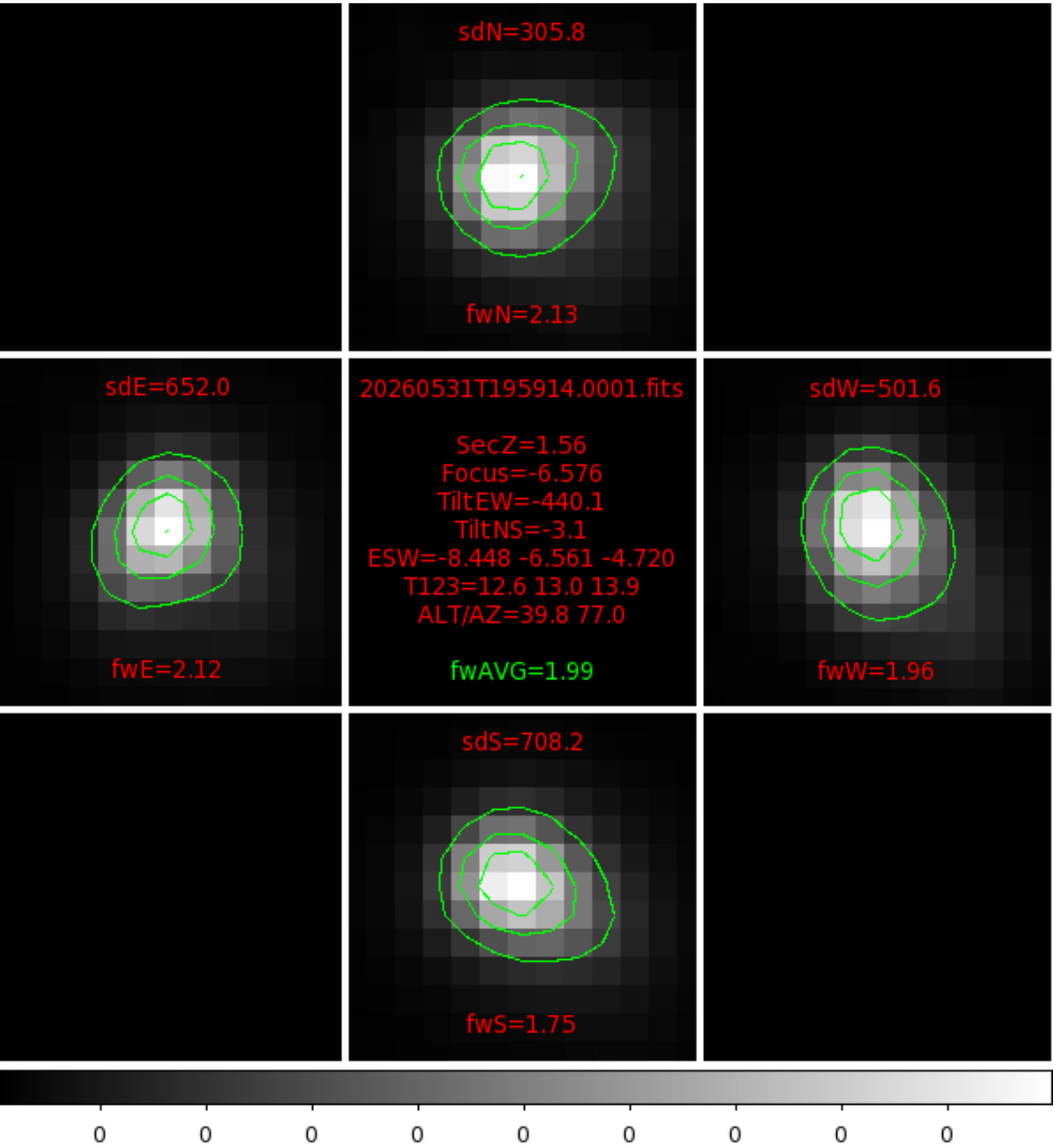
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SecZ=1.56
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.448 -6.561 -4.720
T123=12.6 13.0 13.9
ALT/AZ=39.8 77.0
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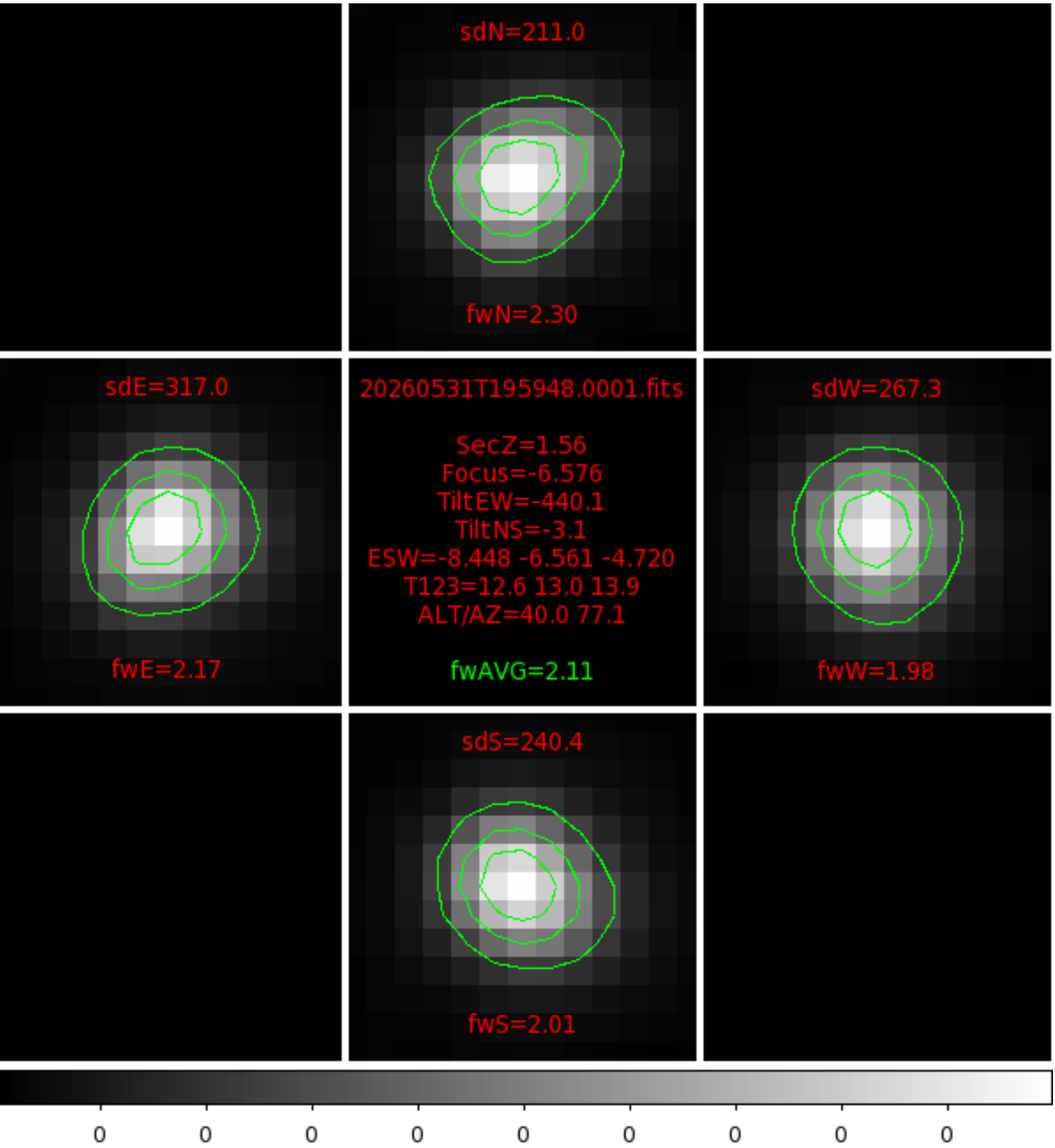
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SecZ=1.56
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.448 -6.561 -4.720
T123=12.6 13.0 13.9
ALT/AZ=40.0 77.1
fwAVG=2.11
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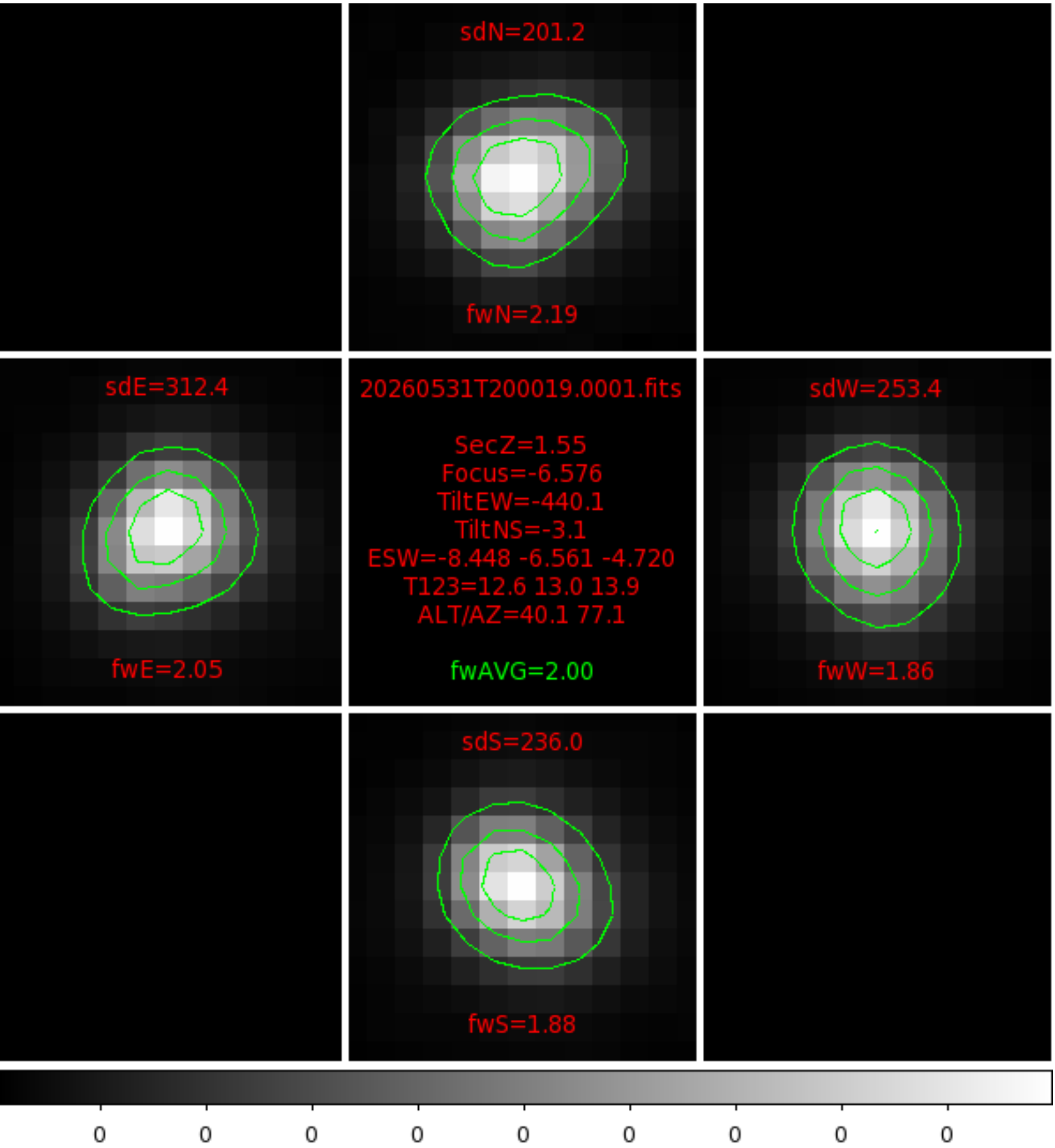
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SecZ=1.55
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TiltNS=-3.1
ESW=-8.448 -6.561 -4.720
T123=12.6 13.0 13.9
ALT/AZ=40.1 77.1
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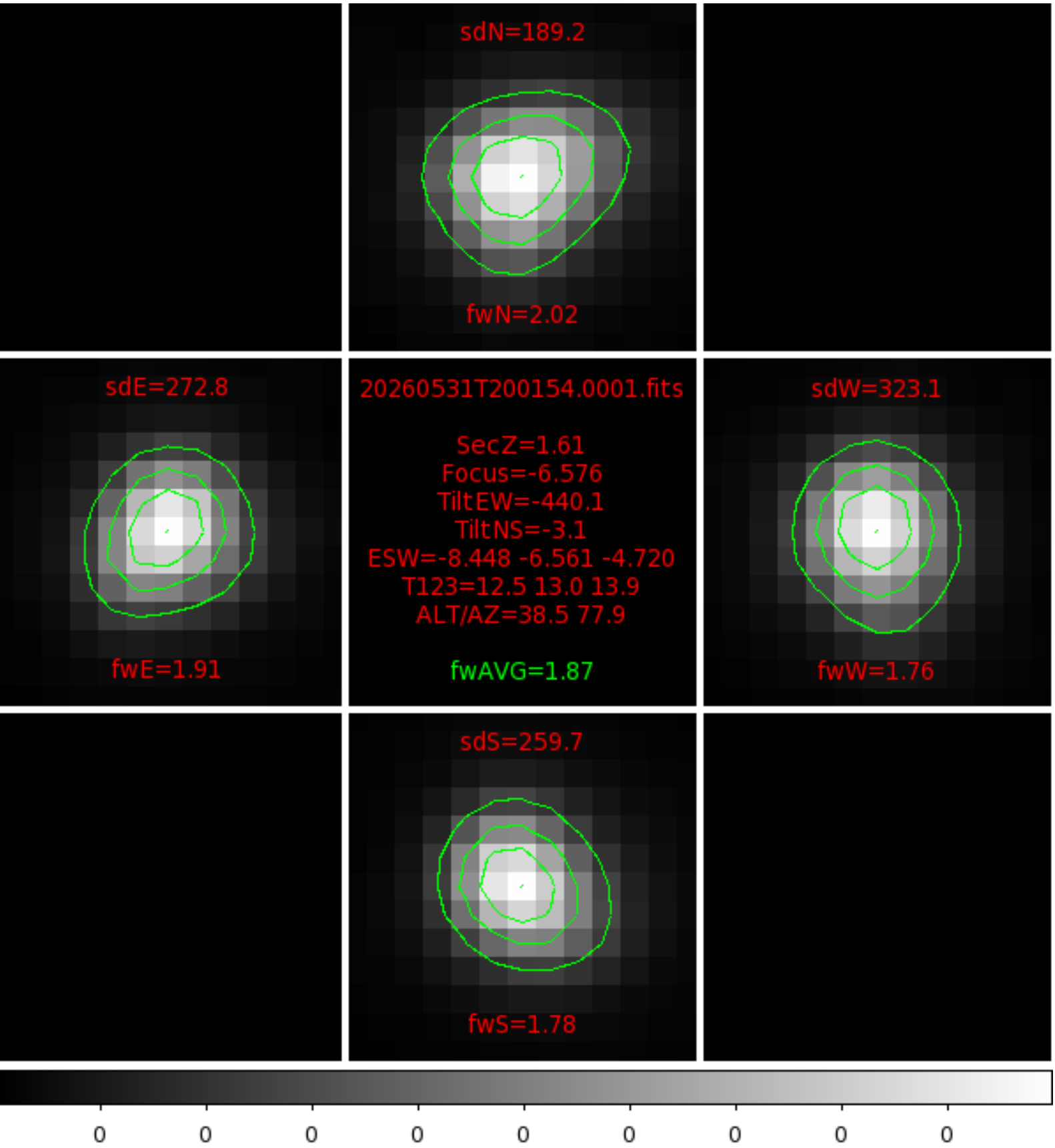
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sdE=272.8
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20260531T200154.0001.fits
SecZ=1.61
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.448 -6.561 -4.720
T123=12.5 13.0 13.9
ALT/AZ=38.5 77.9
fwAVG=1.87
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fwW=1.76
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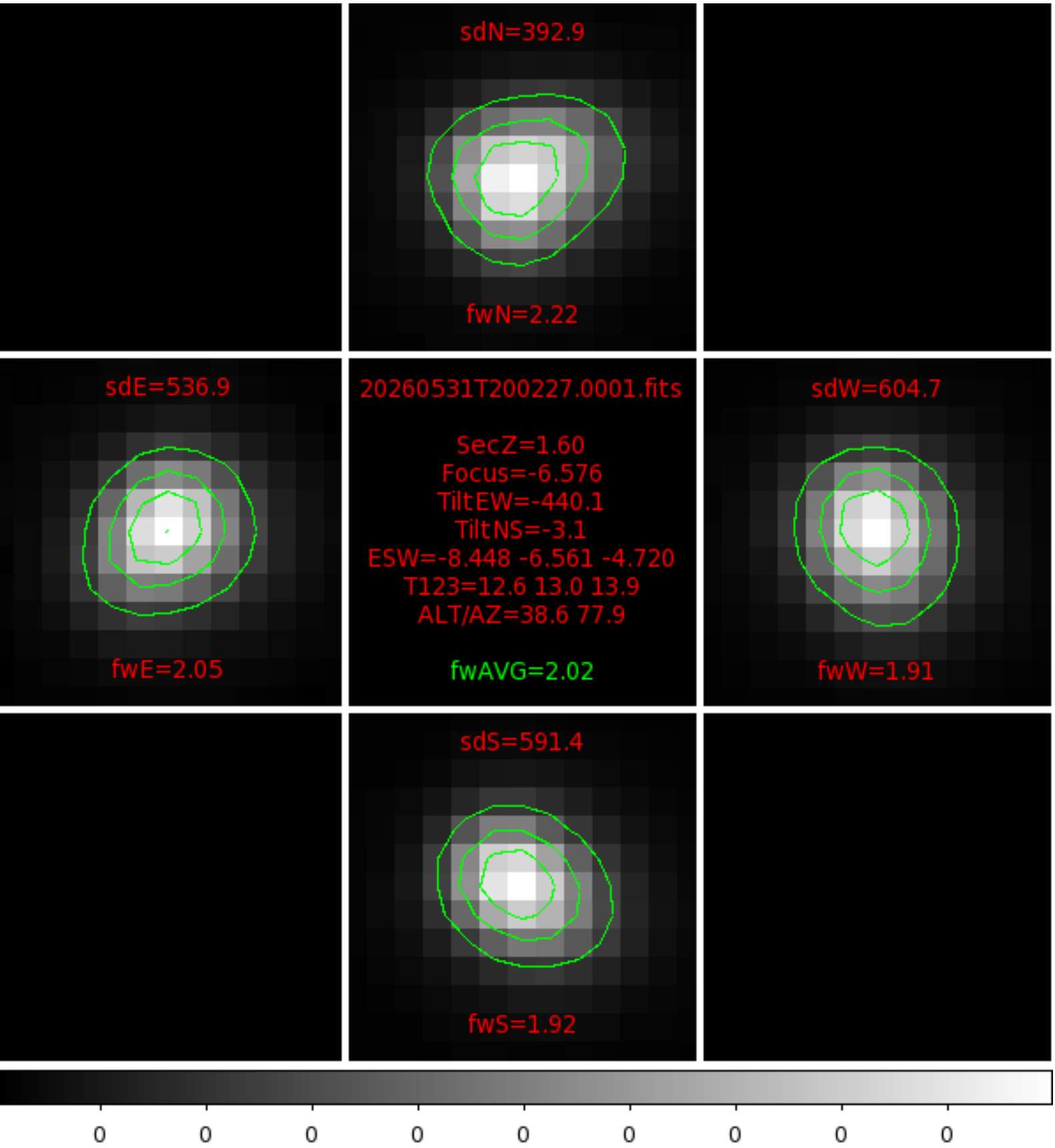
sdN=392.9
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20260531T200227.0001.fits
SecZ=1.60
Focus=-6.576
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.448 -6.561 -4.720
T123=12.6 13.0 13.9
ALT/AZ=38.6 77.9
fwAVG=2.02
sdW=604.7
fwW=1.91
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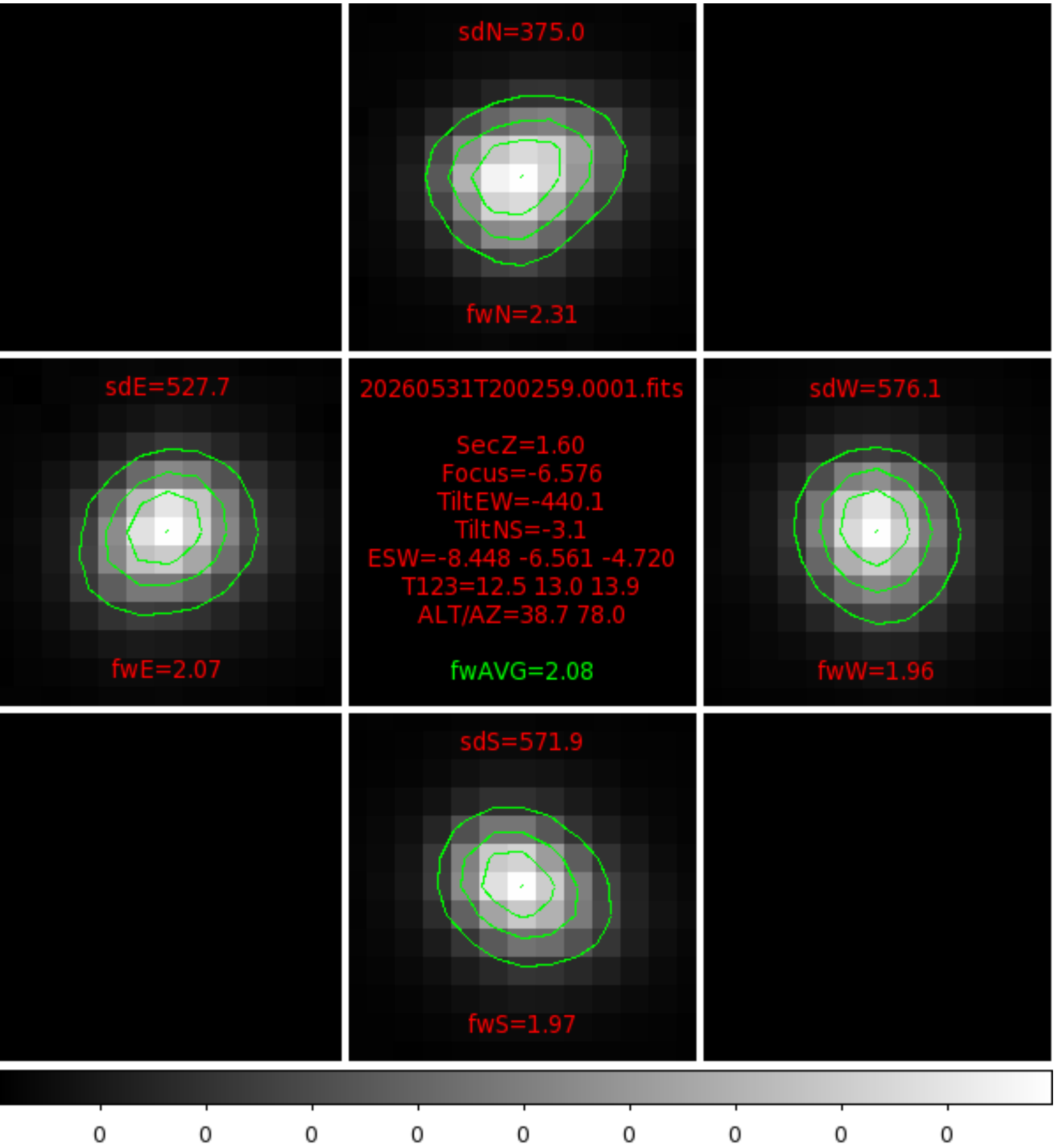
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SecZ=1.60
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.448 -6.561 -4.720
T123=12.5 13.0 13.9
ALT/AZ=38.7 78.0
fwAVG=2.08
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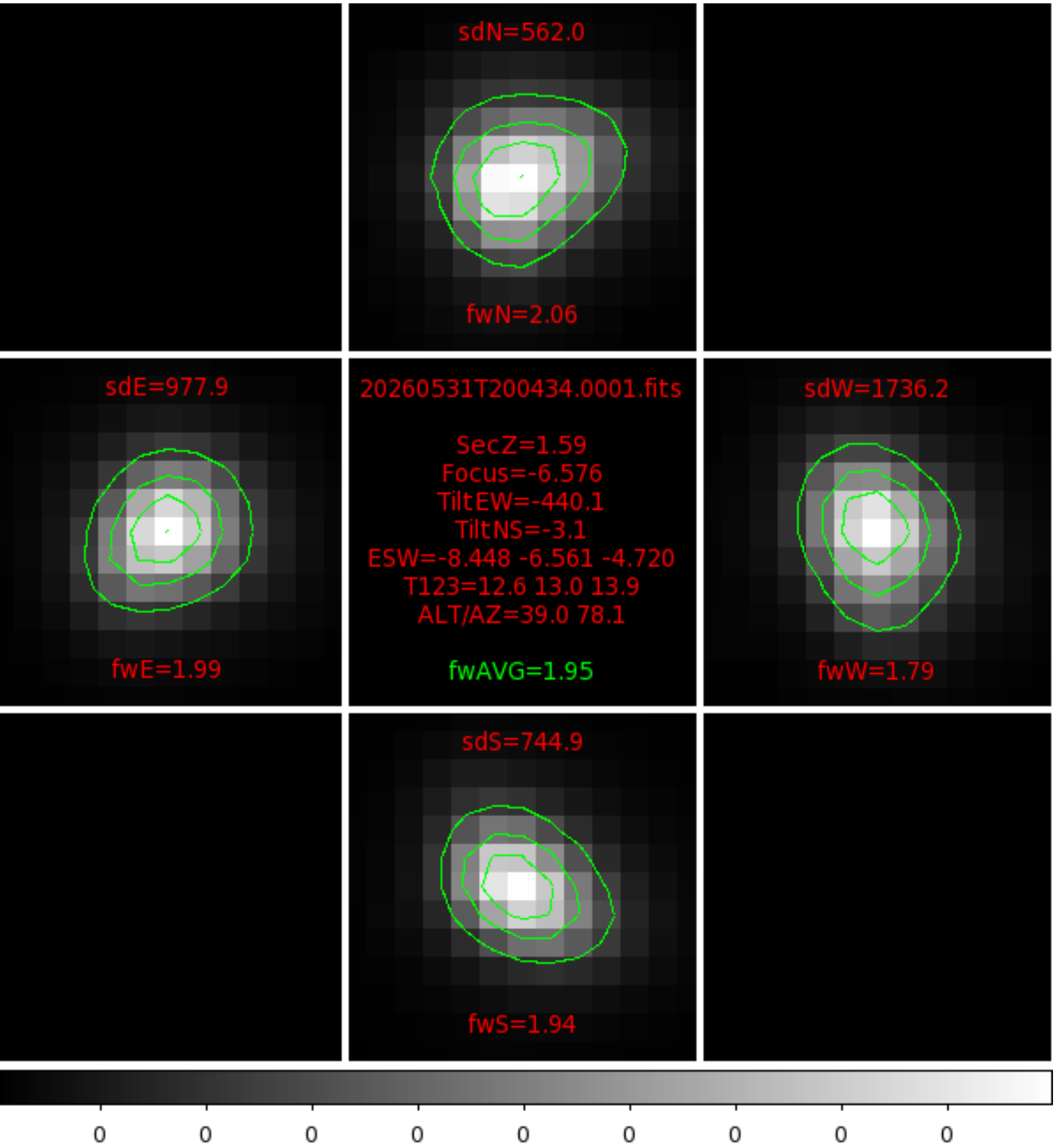
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SecZ=1.59
Focus=-6.576
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.448 -6.561 -4.720
T123=12.6 13.0 13.9
ALT/AZ=39.0 78.1
fwAVG=1.95
sdW=1736.2
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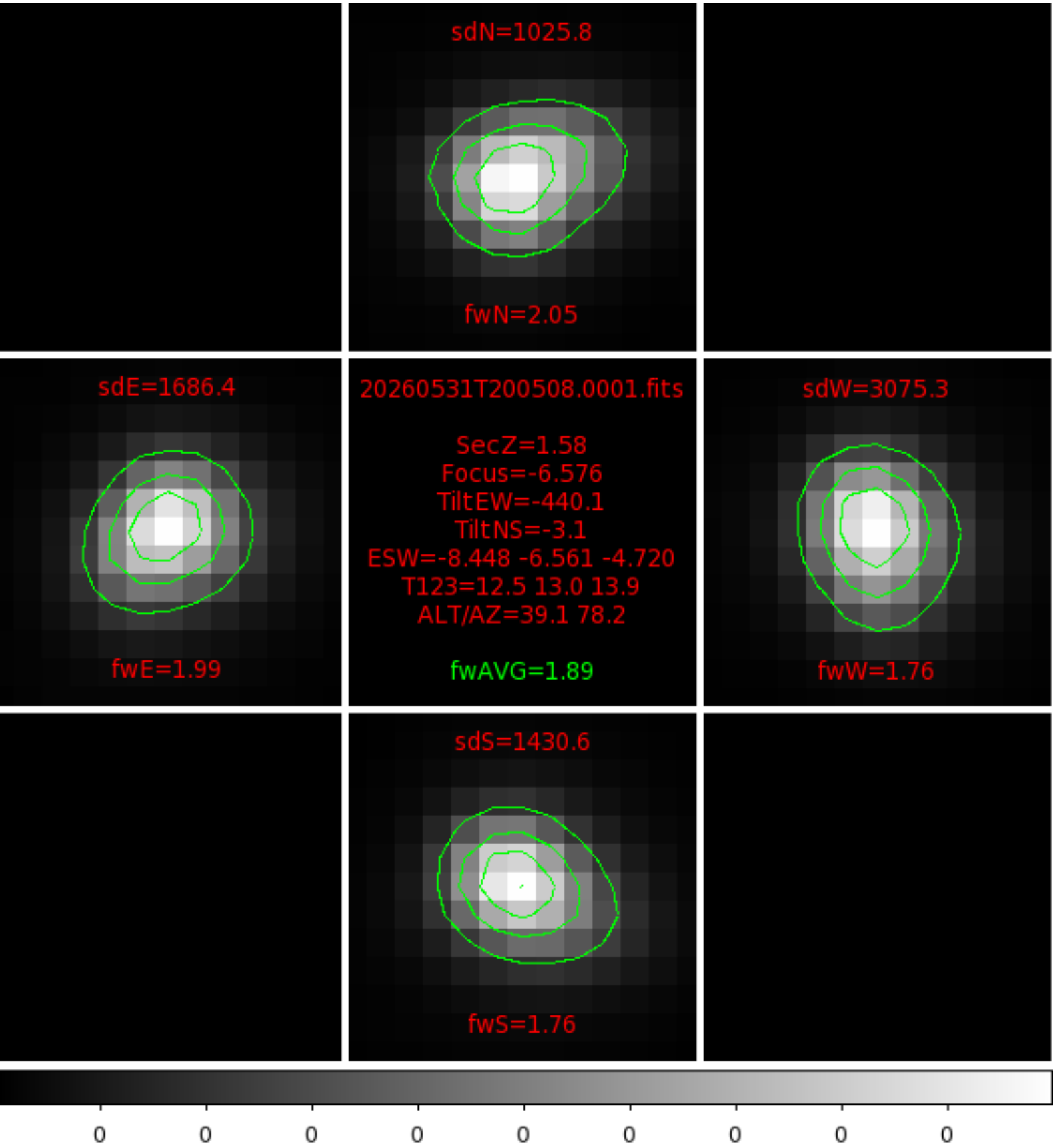
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SecZ=1.58
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.448 -6.561 -4.720
T123=12.5 13.0 13.9
ALT/AZ=39.1 78.2
fwAVG=1.89
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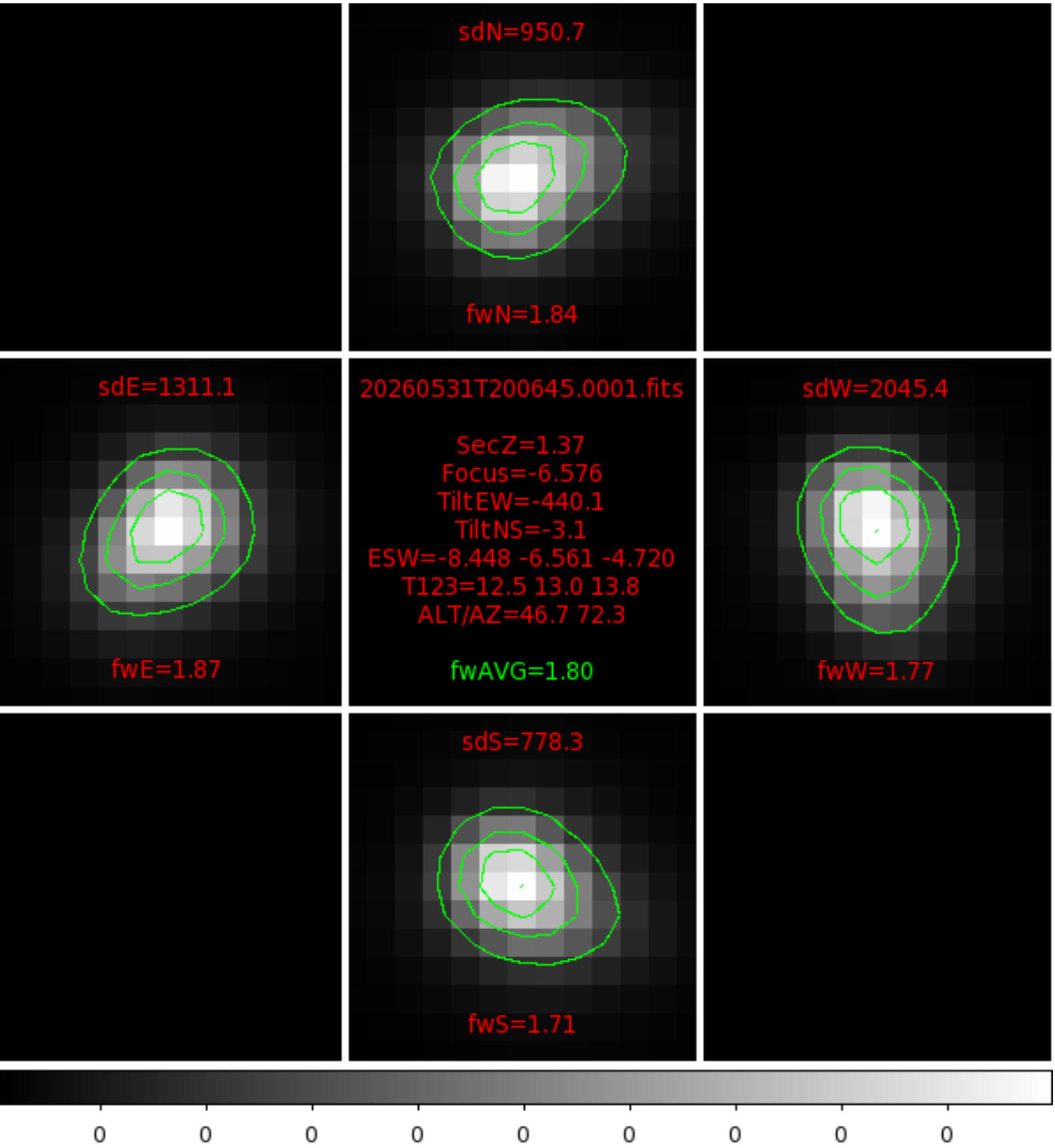
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SecZ=1.37
Focus=-6.576
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.448 -6.561 -4.720
T123=12.5 13.0 13.8
ALT/AZ=46.7 72.3
fwAVG=1.80
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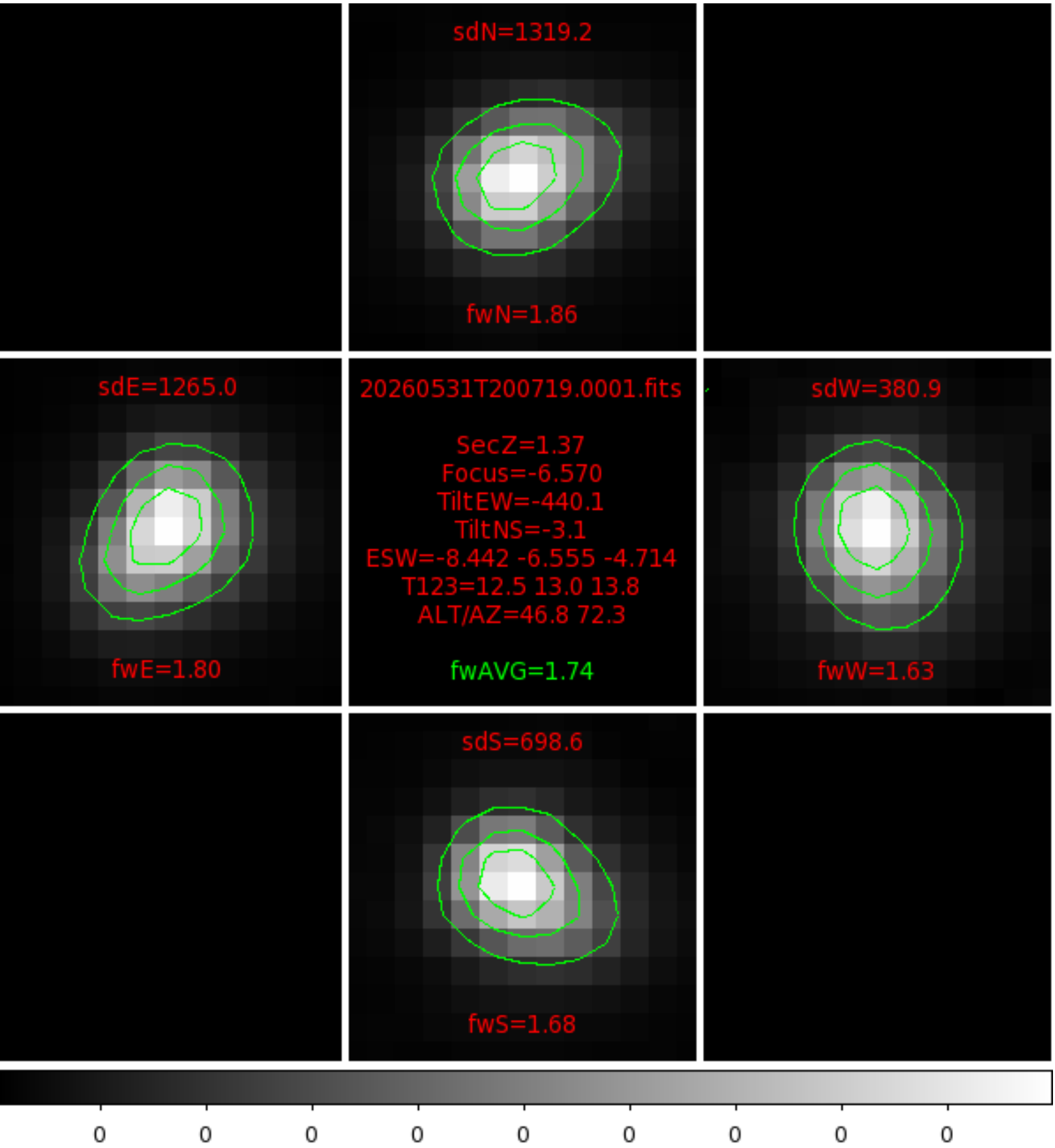
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SecZ=1.37
Focus=-6.570
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.5 13.0 13.8
ALT/AZ=46.8 72.3
fwAVG=1.74
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sdS=698.6
fwS=1.68
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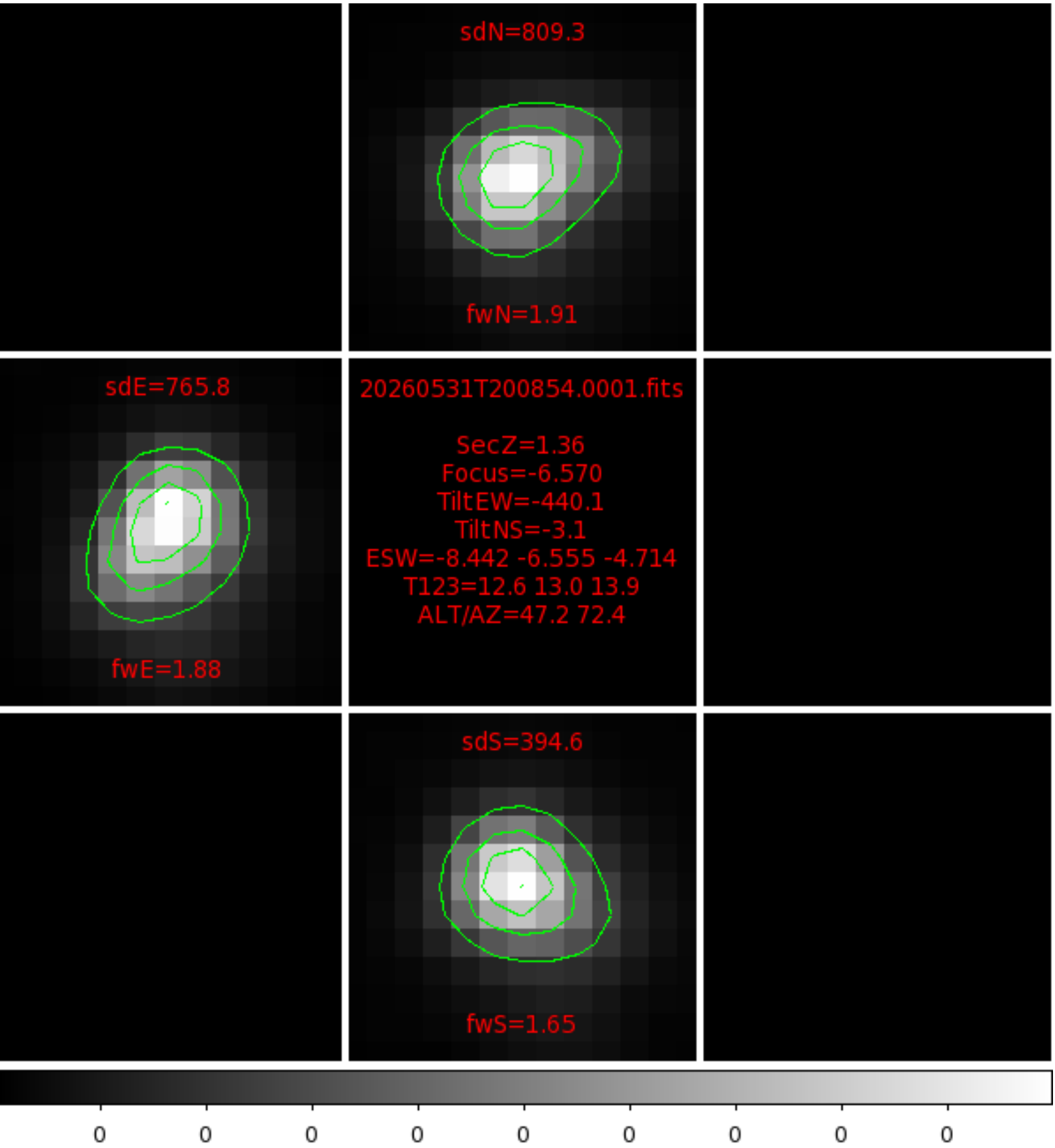
sdN=809.3
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sdE=765.8
fwE=1.88
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SecZ=1.36
Focus=-6.570
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.6 13.0 13.9
ALT/AZ=47.2 72.4
sdS=394.6
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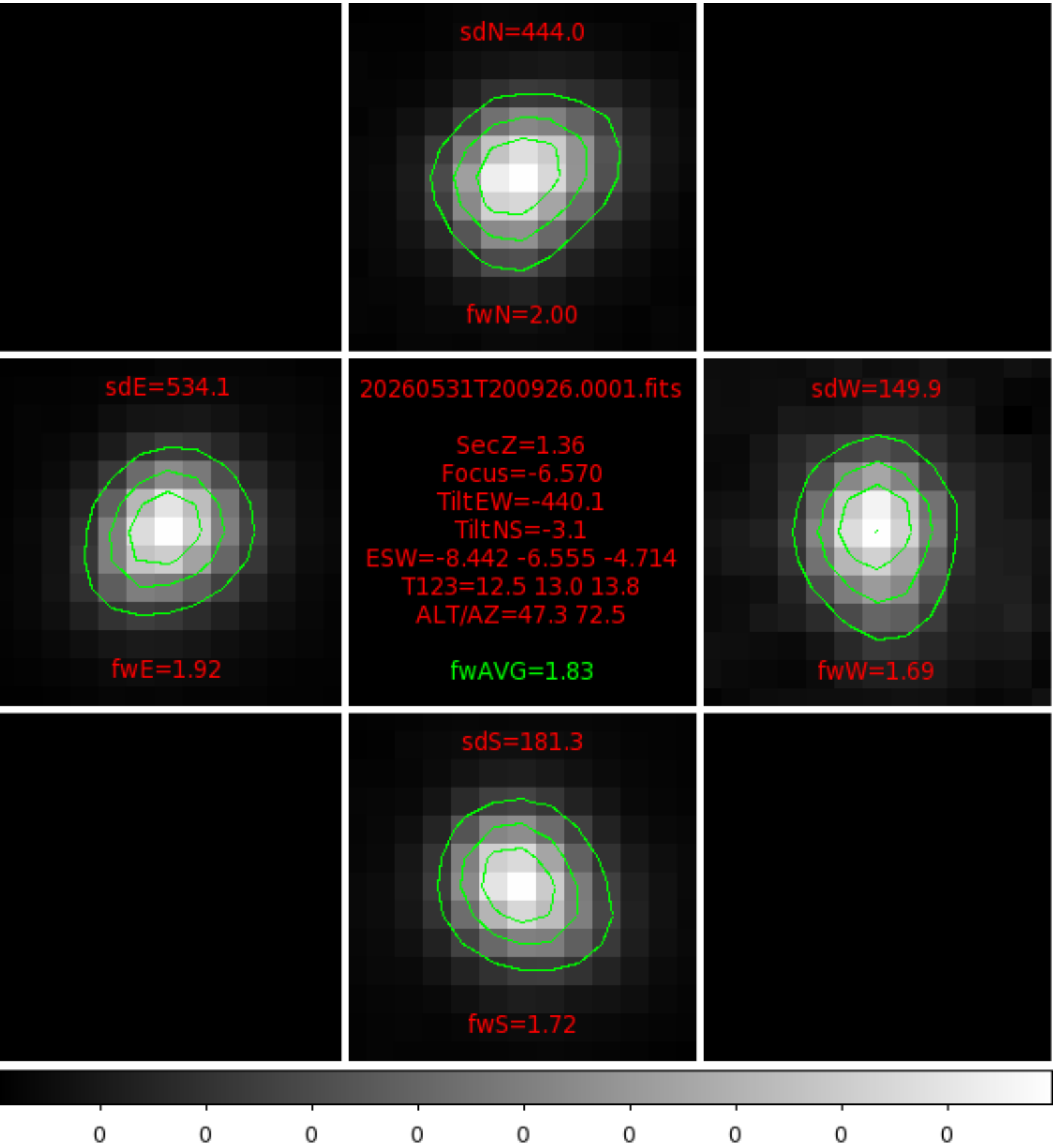
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SecZ=1.36
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.5 13.0 13.8
ALT/AZ=47.3 72.5
fwAVG=1.83
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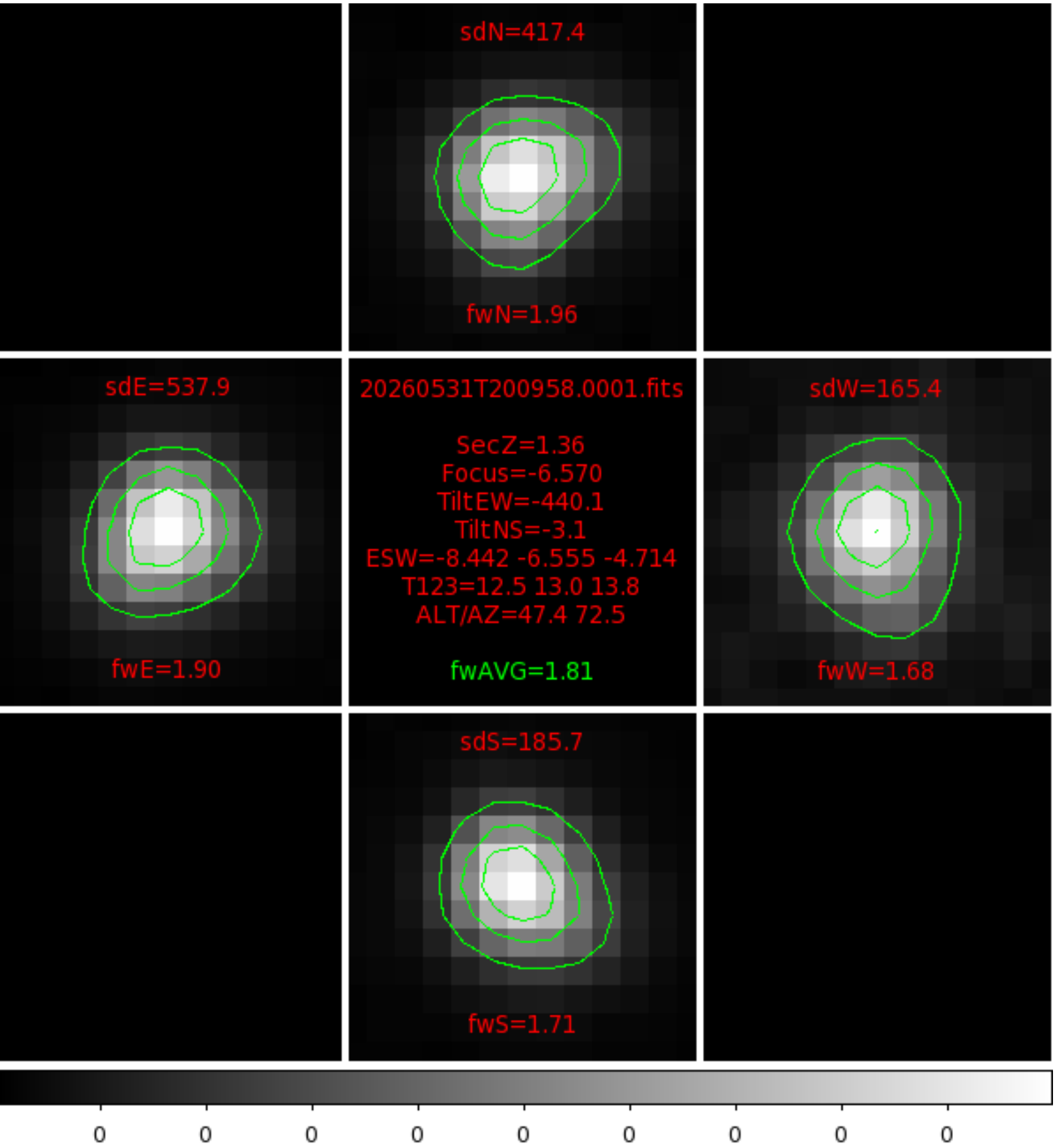
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SecZ=1.36
Focus=-6.570
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.5 13.0 13.8
ALT/AZ=47.4 72.5
fwAVG=1.81
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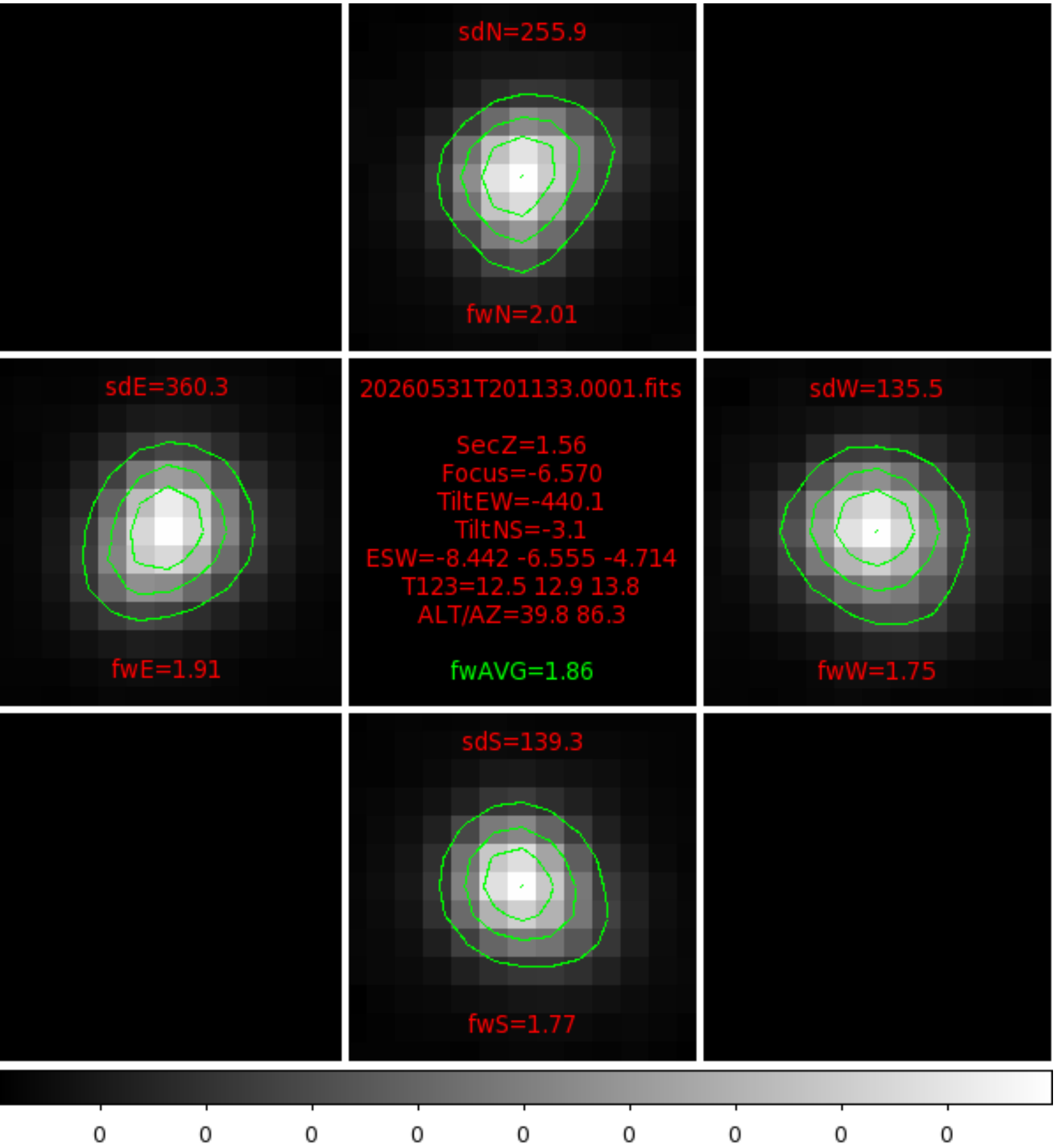
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SecZ=1.56
Focus=-6.570
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TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.5 12.9 13.8
ALT/AZ=39.8 86.3
fwAVG=1.86
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sdS=139.3
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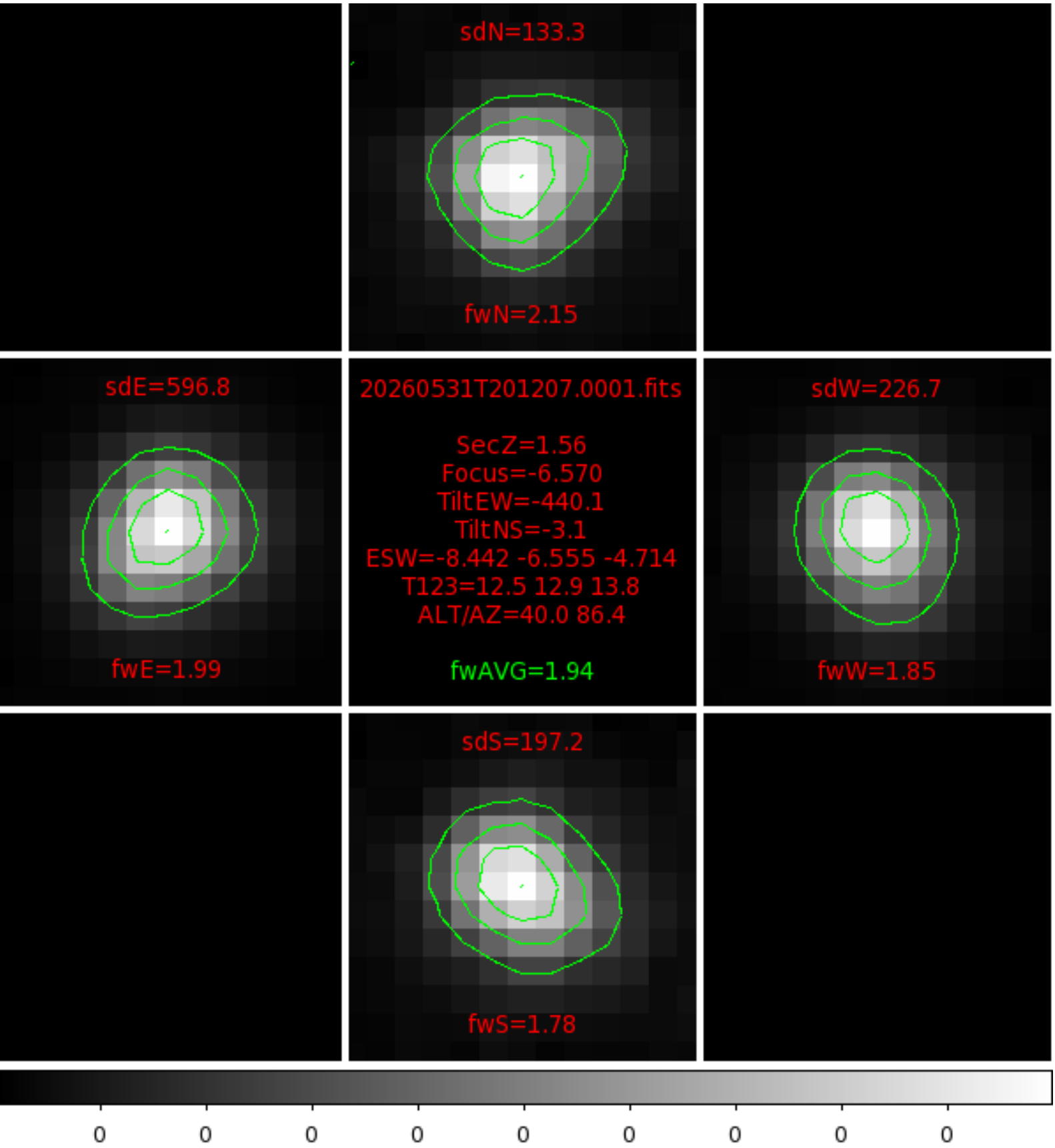
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SecZ=1.56
Focus=-6.570
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.5 12.9 13.8
ALT/AZ=40.0 86.4
fwAVG=1.94
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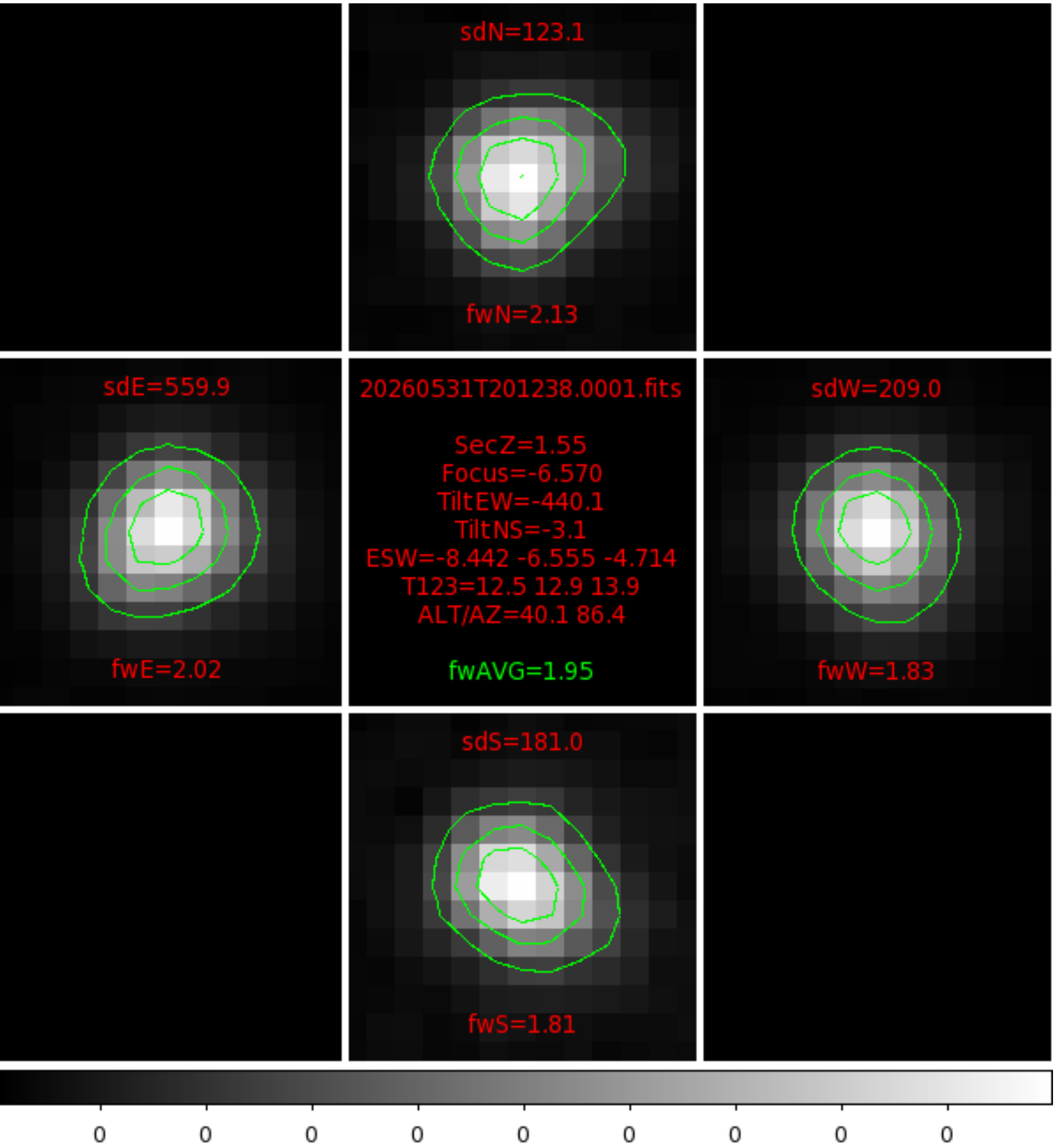
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Focus=-6.570
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.5 12.9 13.9
ALT/AZ=40.1 86.4
fwAVG=1.95
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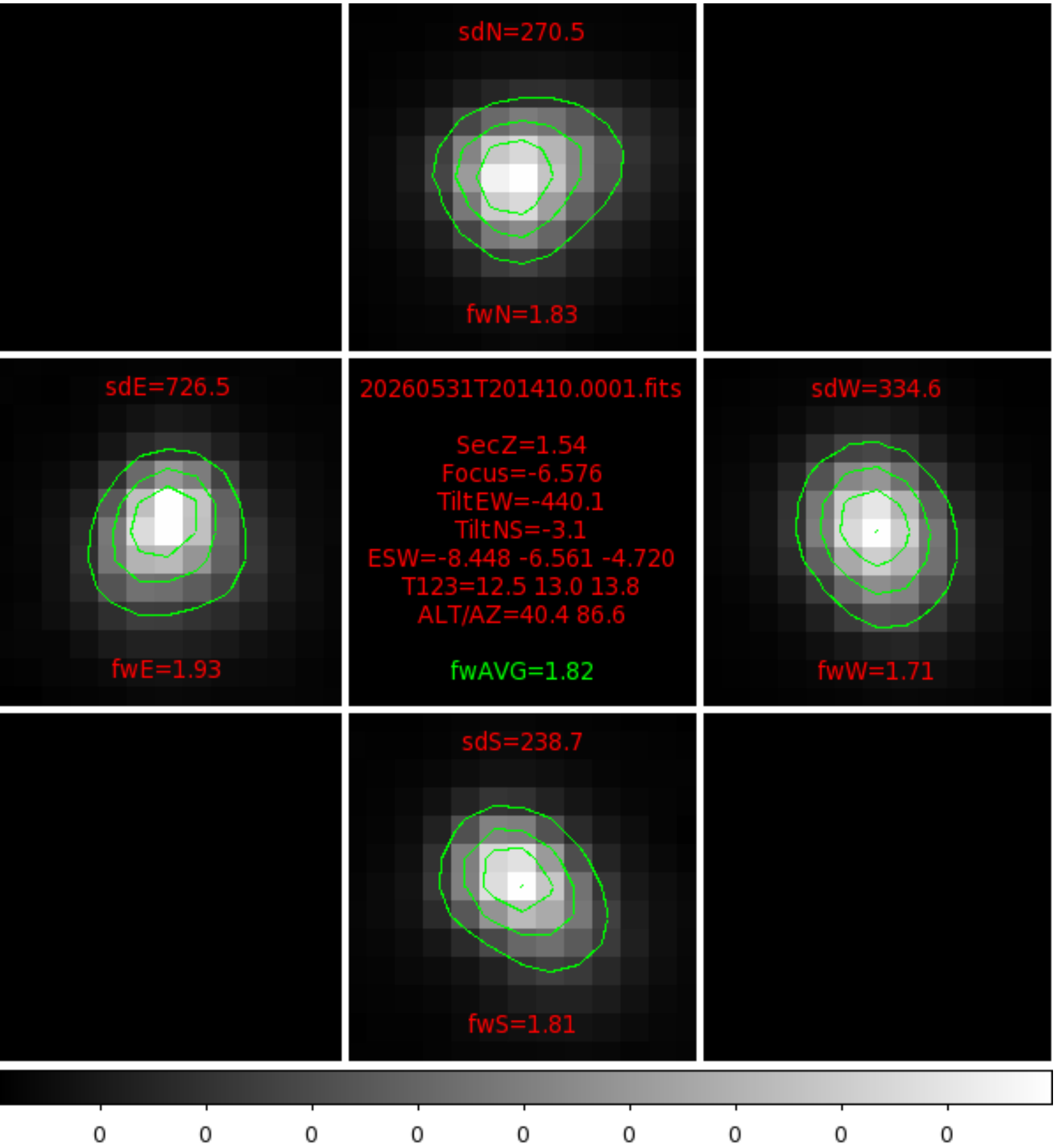
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SecZ=1.54
Focus=-6.576
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.448 -6.561 -4.720
T123=12.5 13.0 13.8
ALT/AZ=40.4 86.6
fwAVG=1.82
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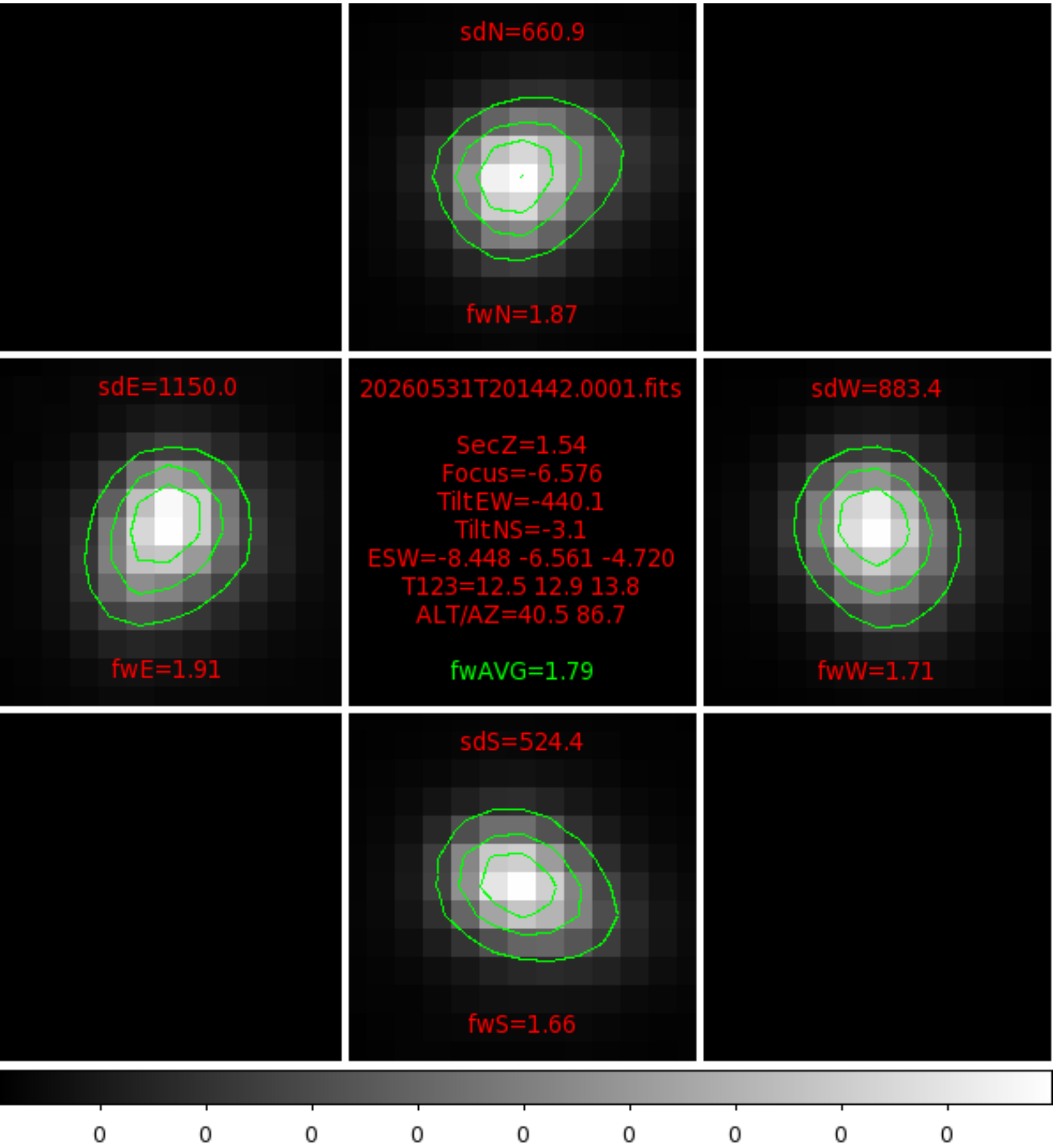
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SecZ=1.54
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.448 -6.561 -4.720
T123=12.5 12.9 13.8
ALT/AZ=40.5 86.7
fwAVG=1.79
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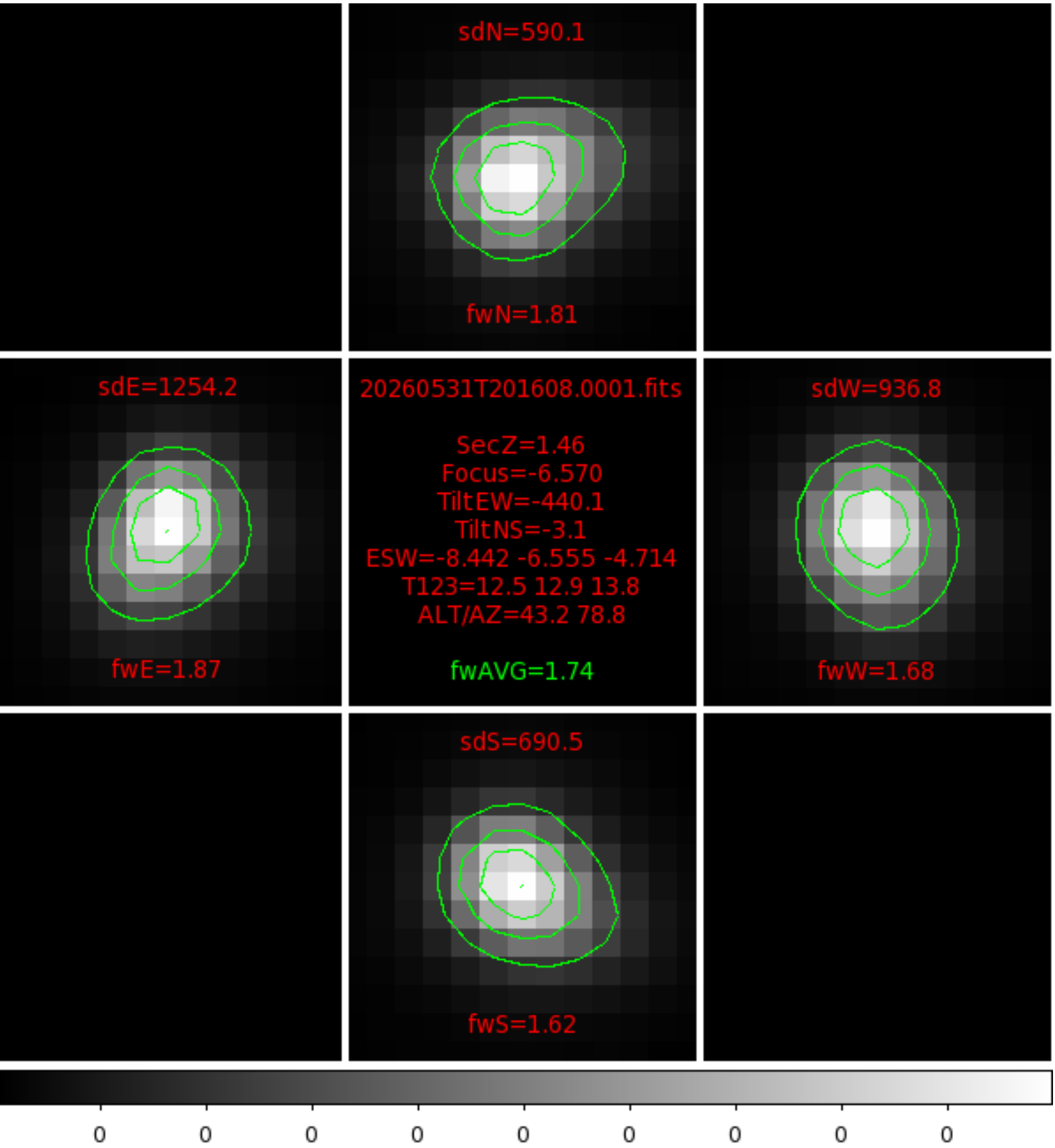
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sdE=1254.2
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20260531T201608.0001.fits
SecZ=1.46
Focus=-6.570
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.5 12.9 13.8
ALT/AZ=43.2 78.8
fwAVG=1.74
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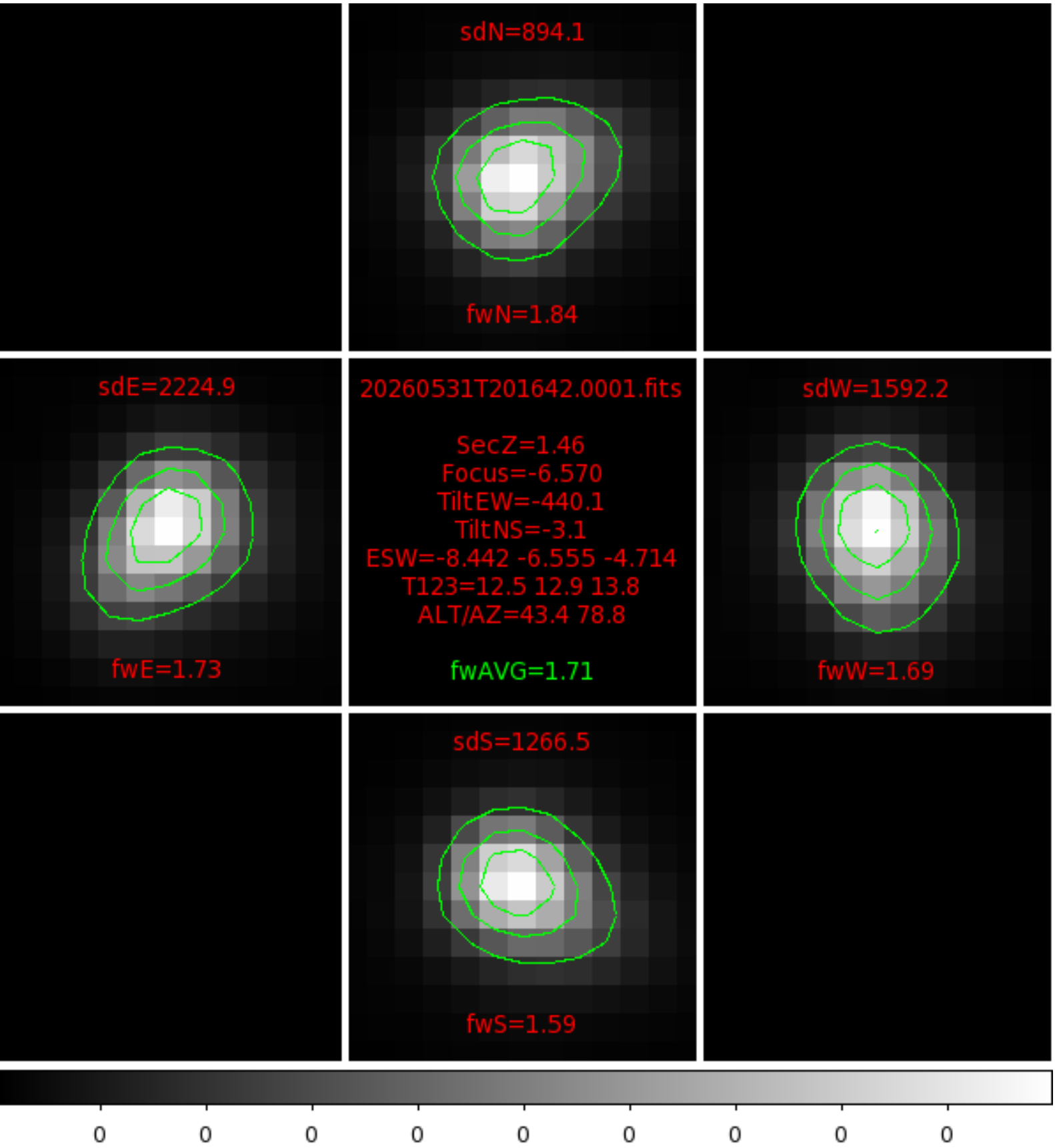
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SecZ=1.46
Focus=-6.570
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.5 12.9 13.8
ALT/AZ=43.4 78.8
fwAVG=1.71
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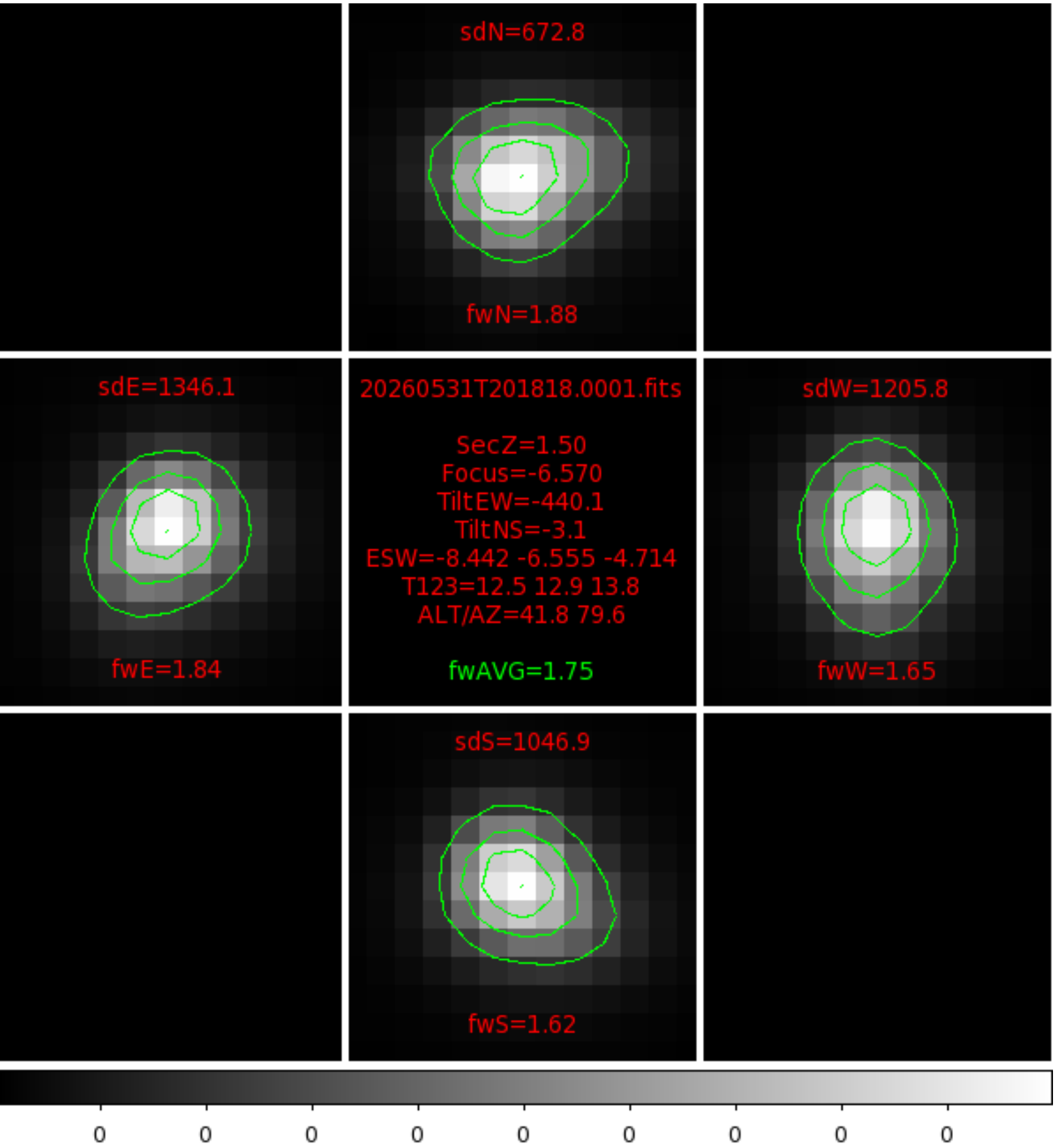
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sdE=1346.1
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SecZ=1.50
Focus=-6.570
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.5 12.9 13.8
ALT/AZ=41.8 79.6
fwAVG=1.75
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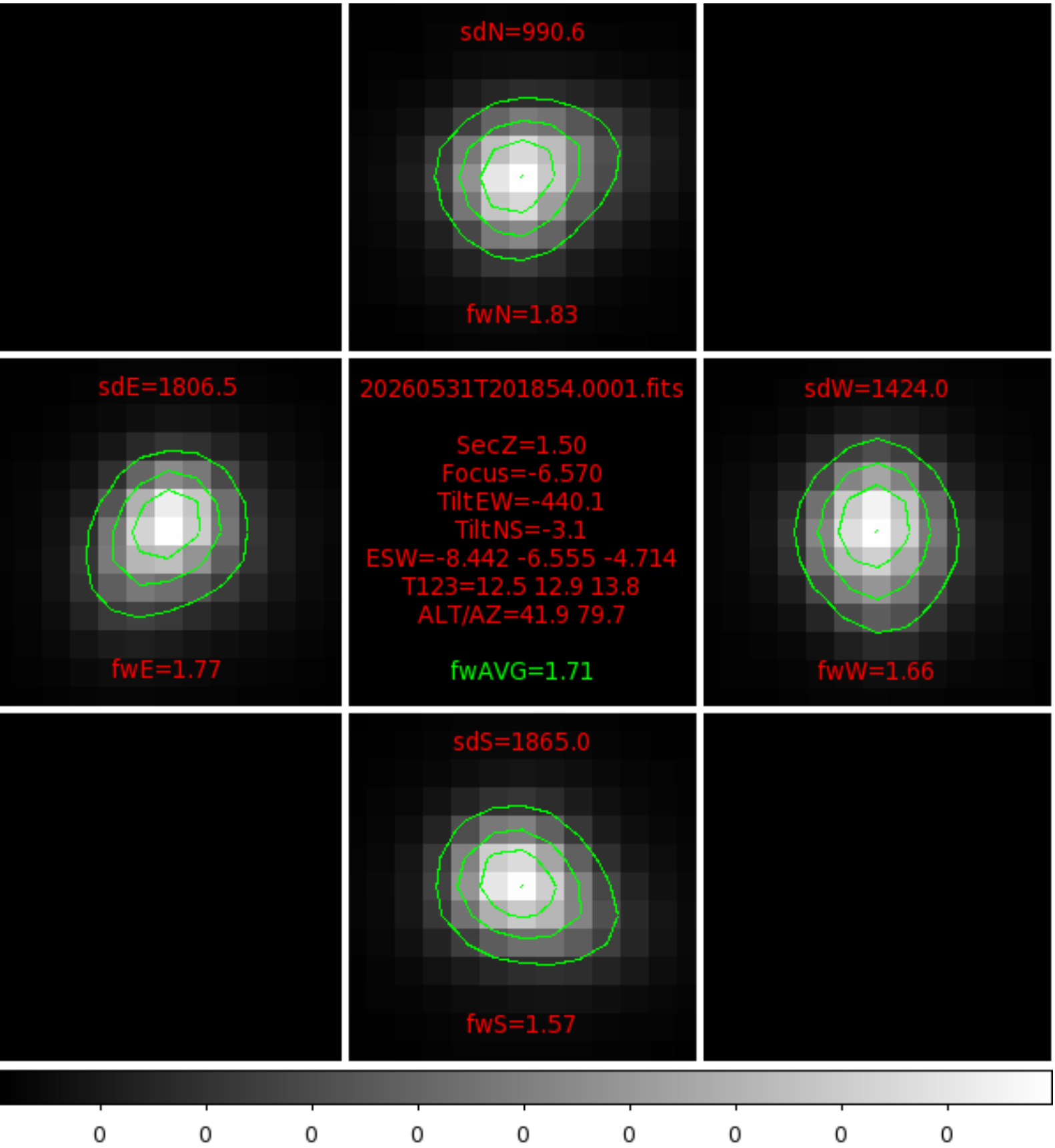
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sdE=1806.5
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20260531T201854.0001.fits
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TiltEW=-440.1
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ESW=-8.442 -6.555 -4.714
T123=12.5 12.9 13.8
ALT/AZ=41.9 79.7
fwAVG=1.71
sdW=1424.0
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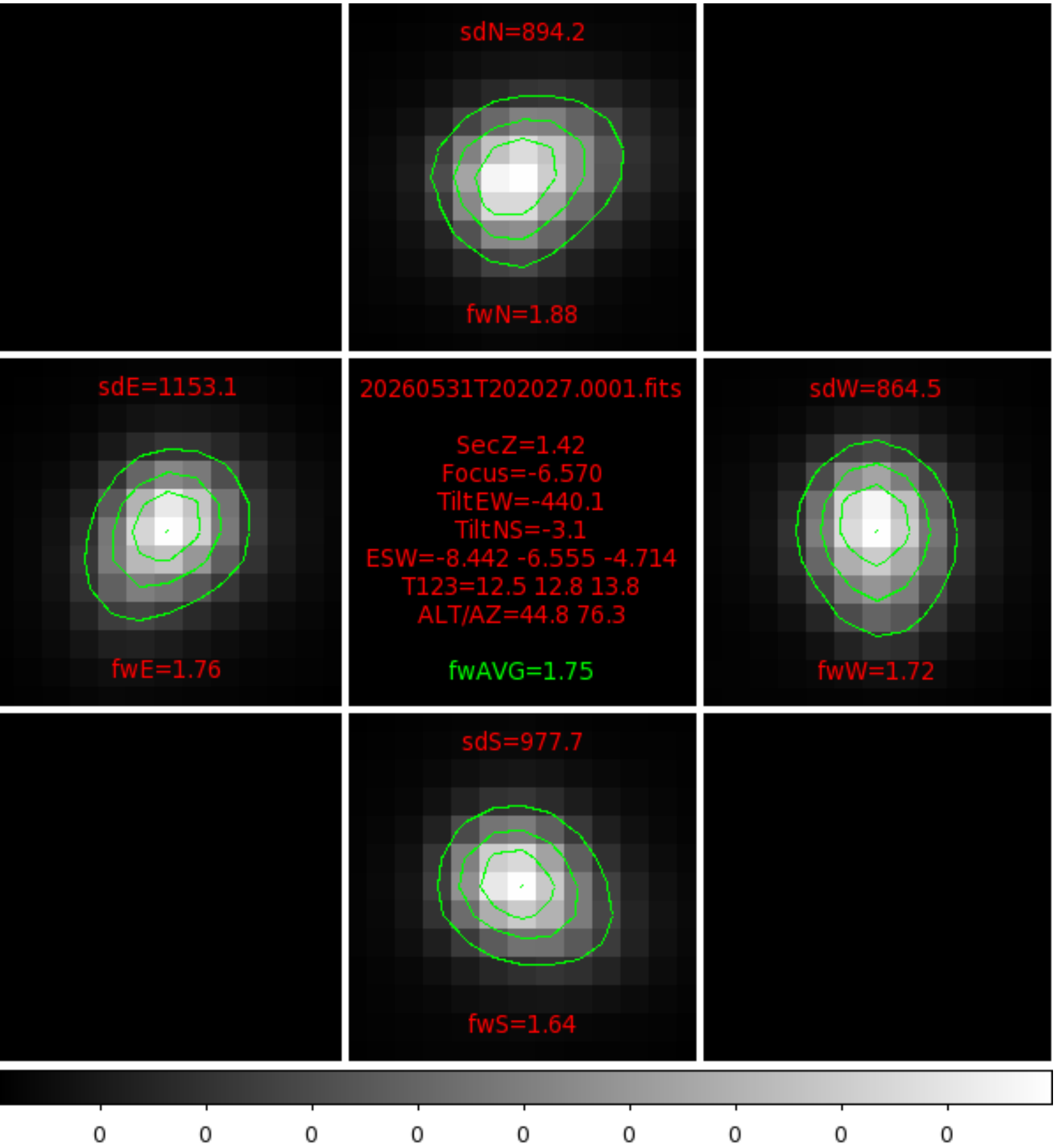
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TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.5 12.8 13.8
ALT/AZ=44.8 76.3
fwAVG=1.75
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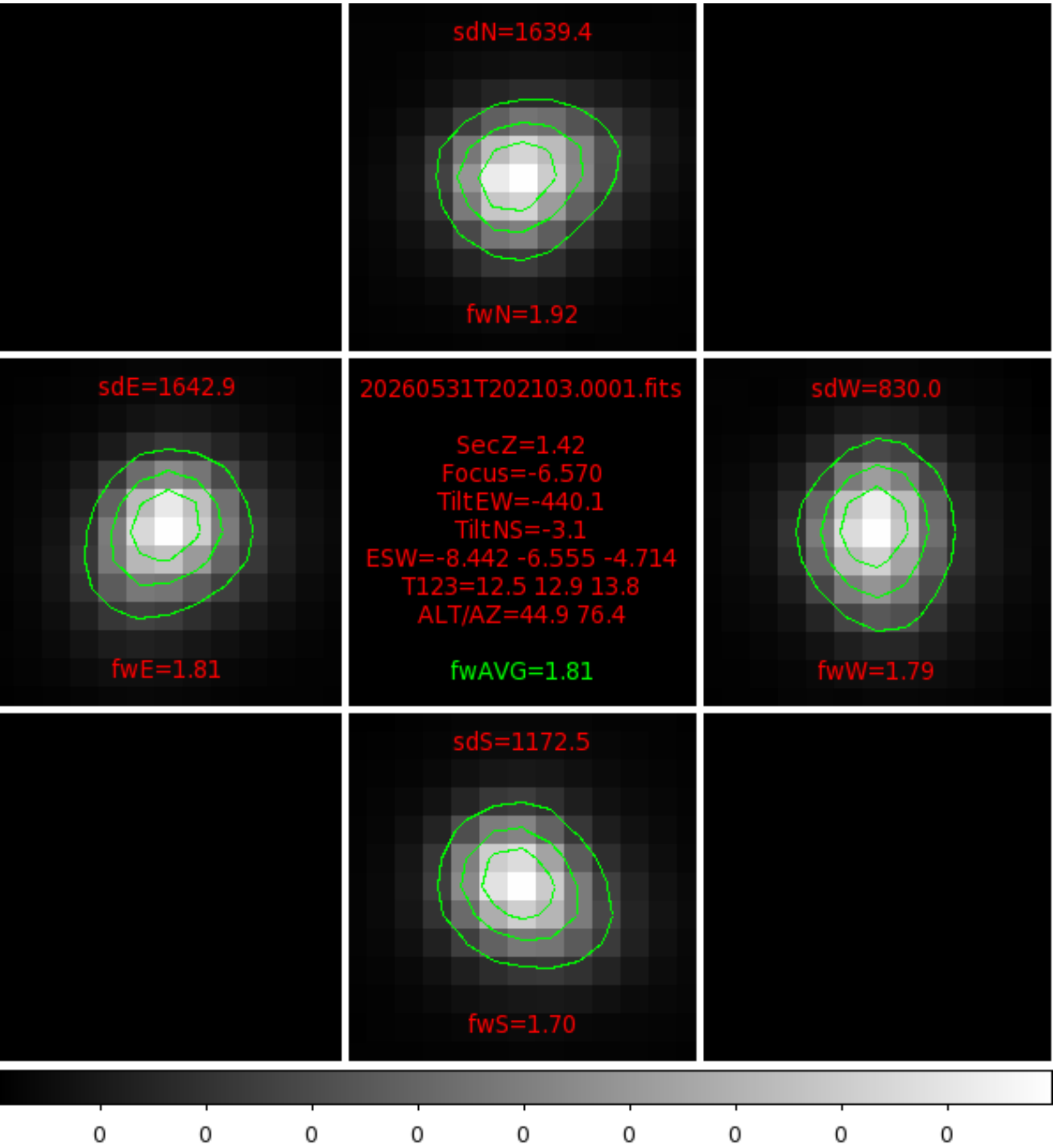
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T123=12.5 12.9 13.8
ALT/AZ=44.9 76.4
fwAVG=1.81
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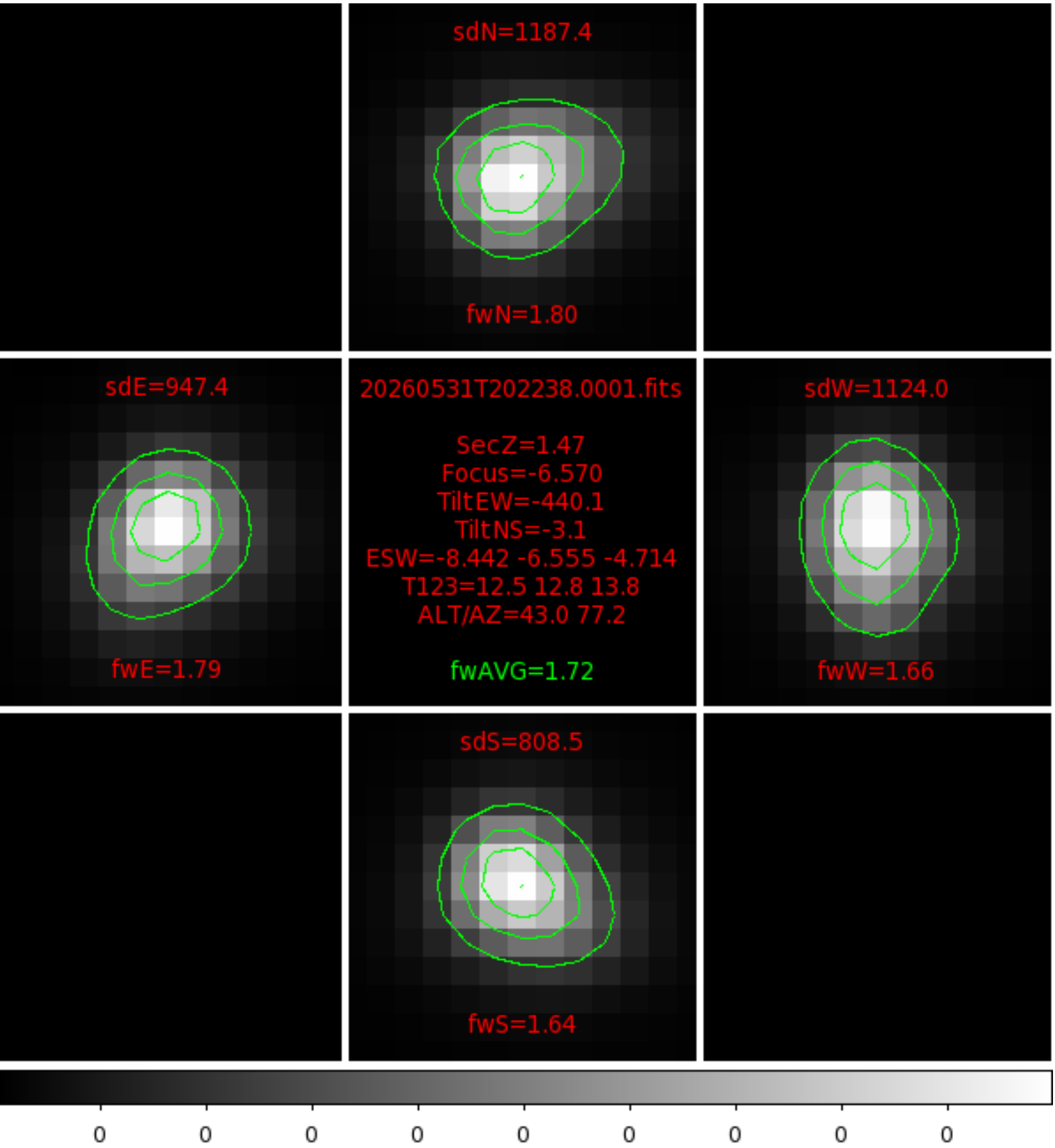
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T123=12.5 12.8 13.8
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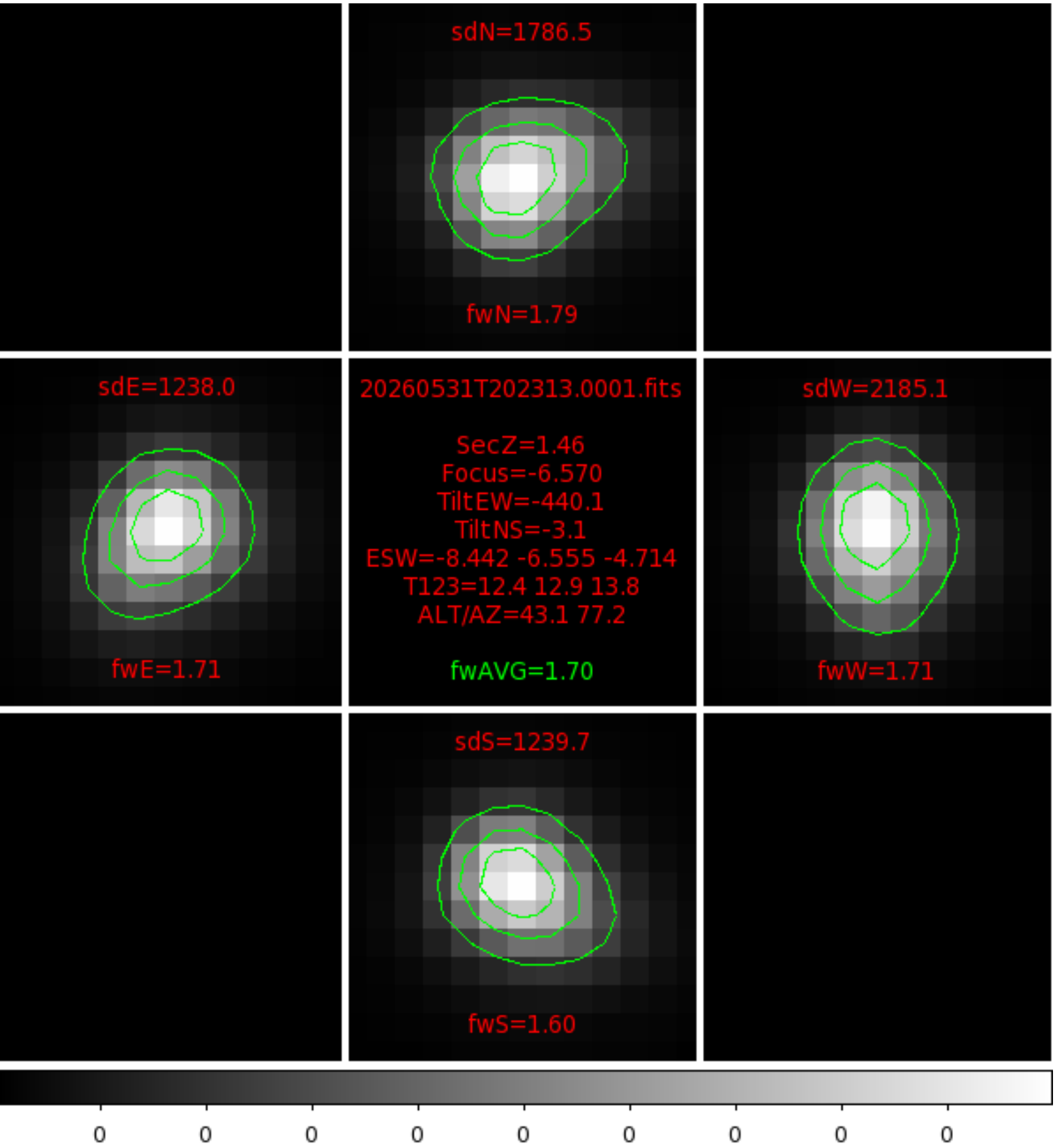
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TiltNS=-3.1
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T123=12.4 12.9 13.8
ALT/AZ=43.1 77.2
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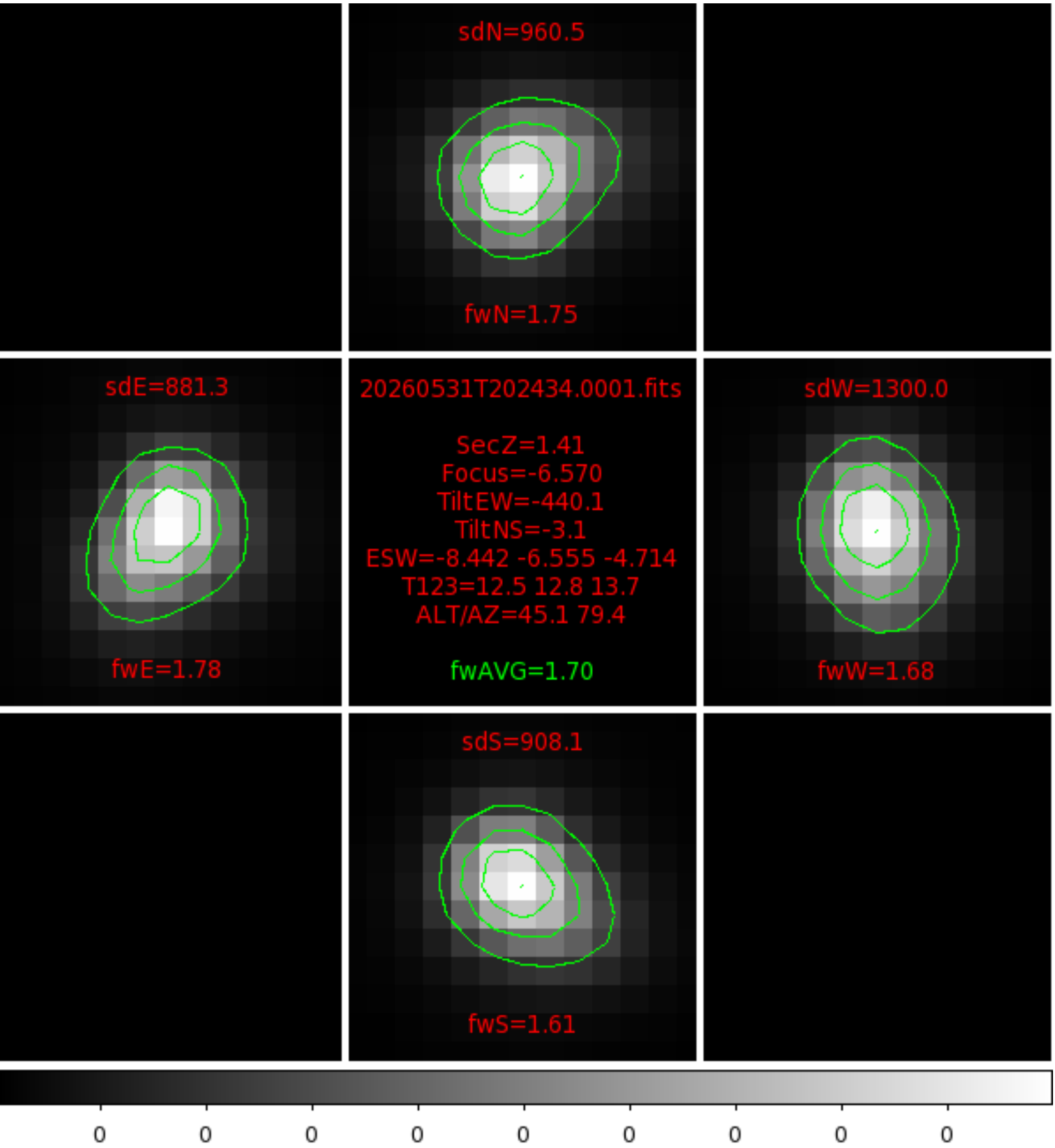
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ESW=-8.442 -6.555 -4.714
T123=12.5 12.8 13.7
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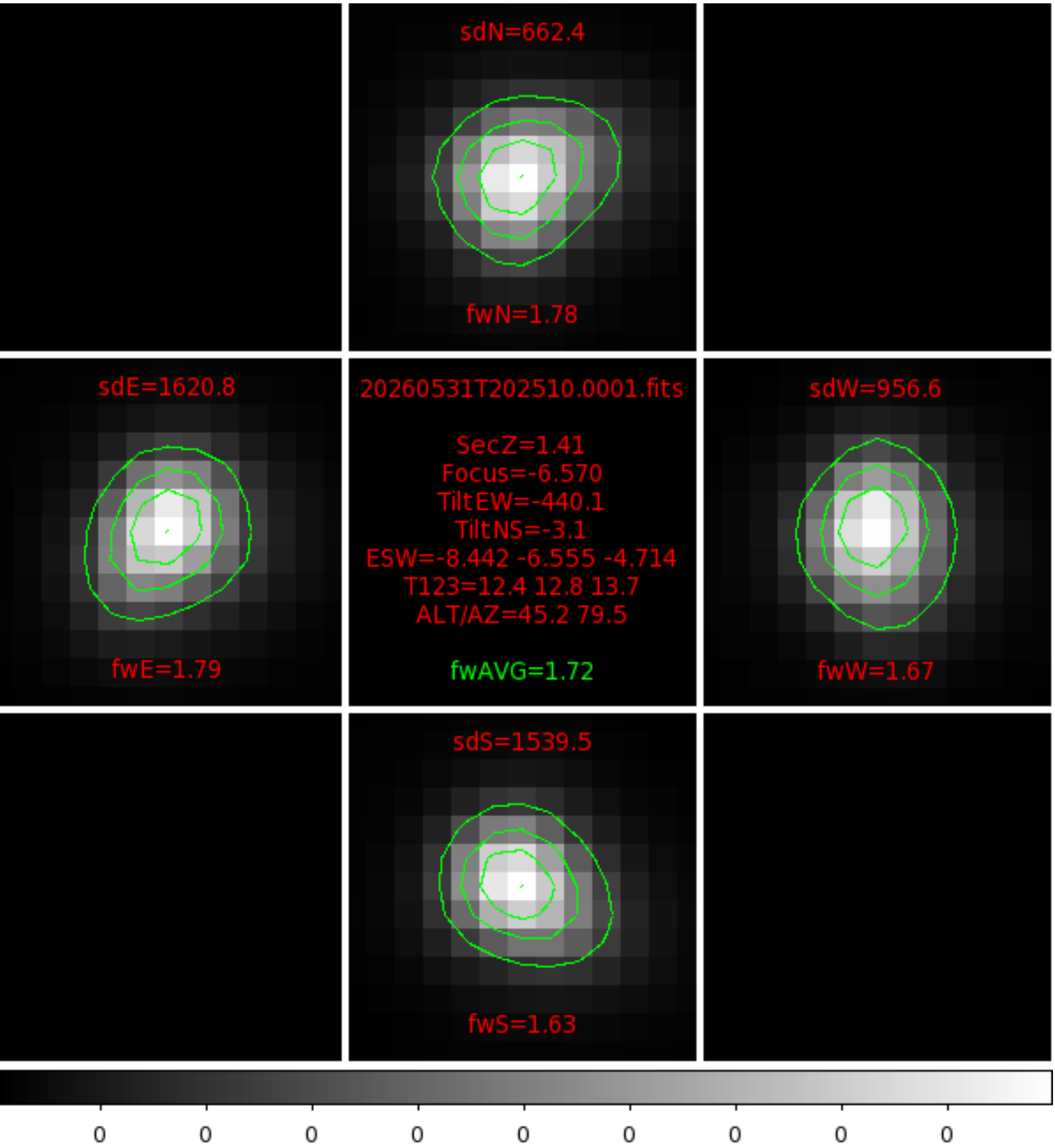
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.4 12.8 13.7
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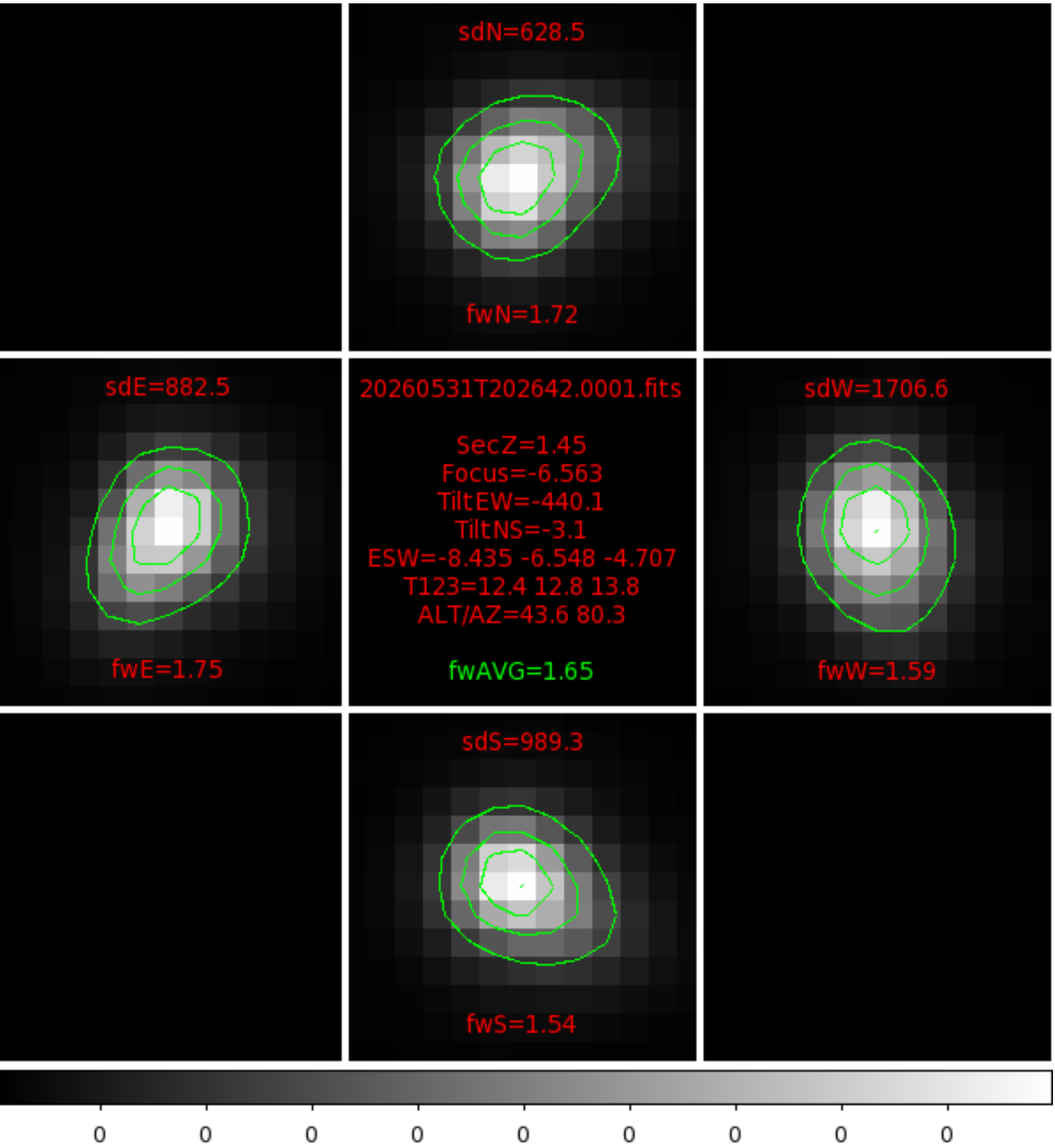
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TiltNS=-3.1
ESW=-8.435 -6.548 -4.707
T123=12.4 12.8 13.8
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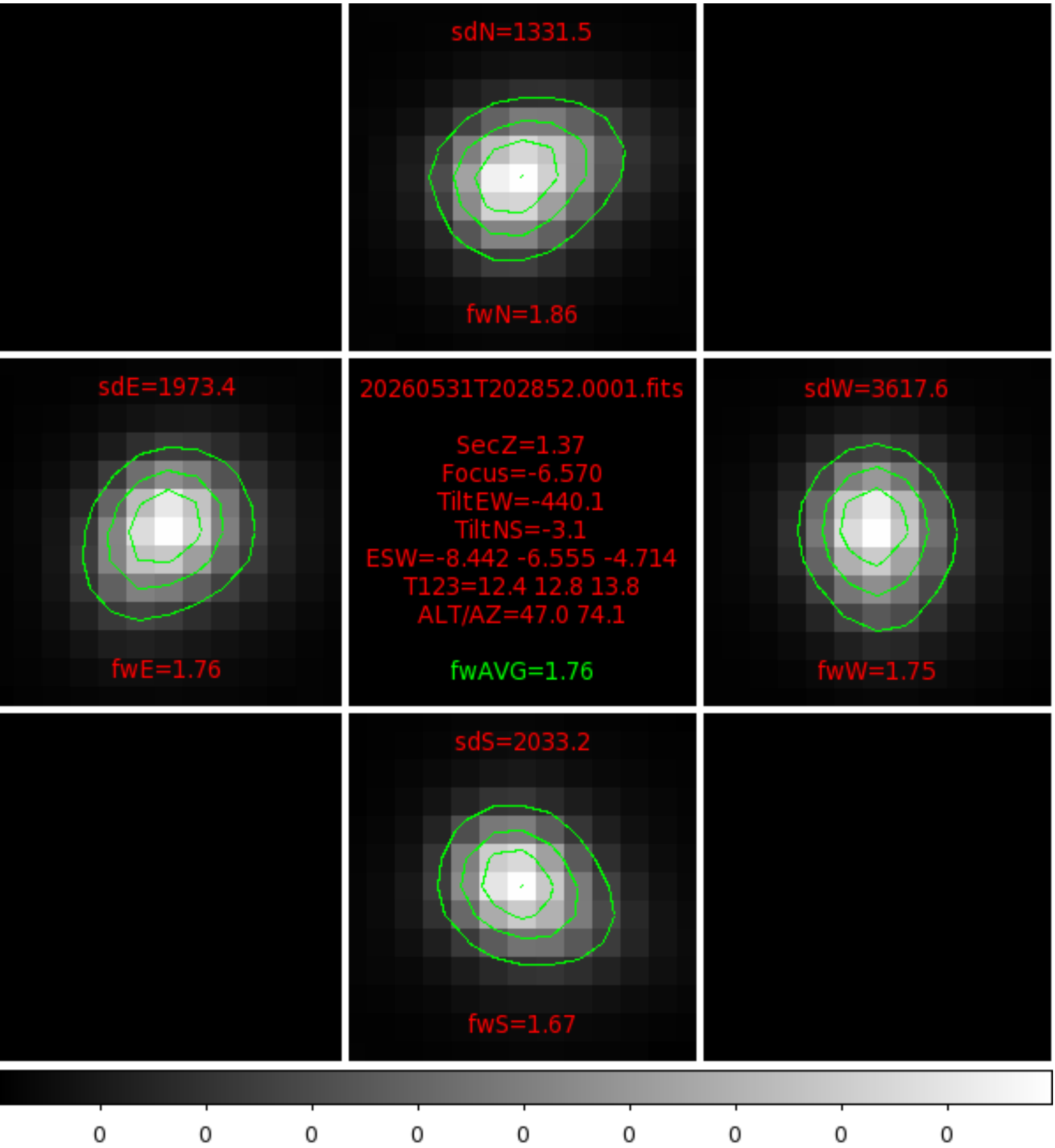
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ESW=-8.442 -6.555 -4.714
T123=12.4 12.8 13.8
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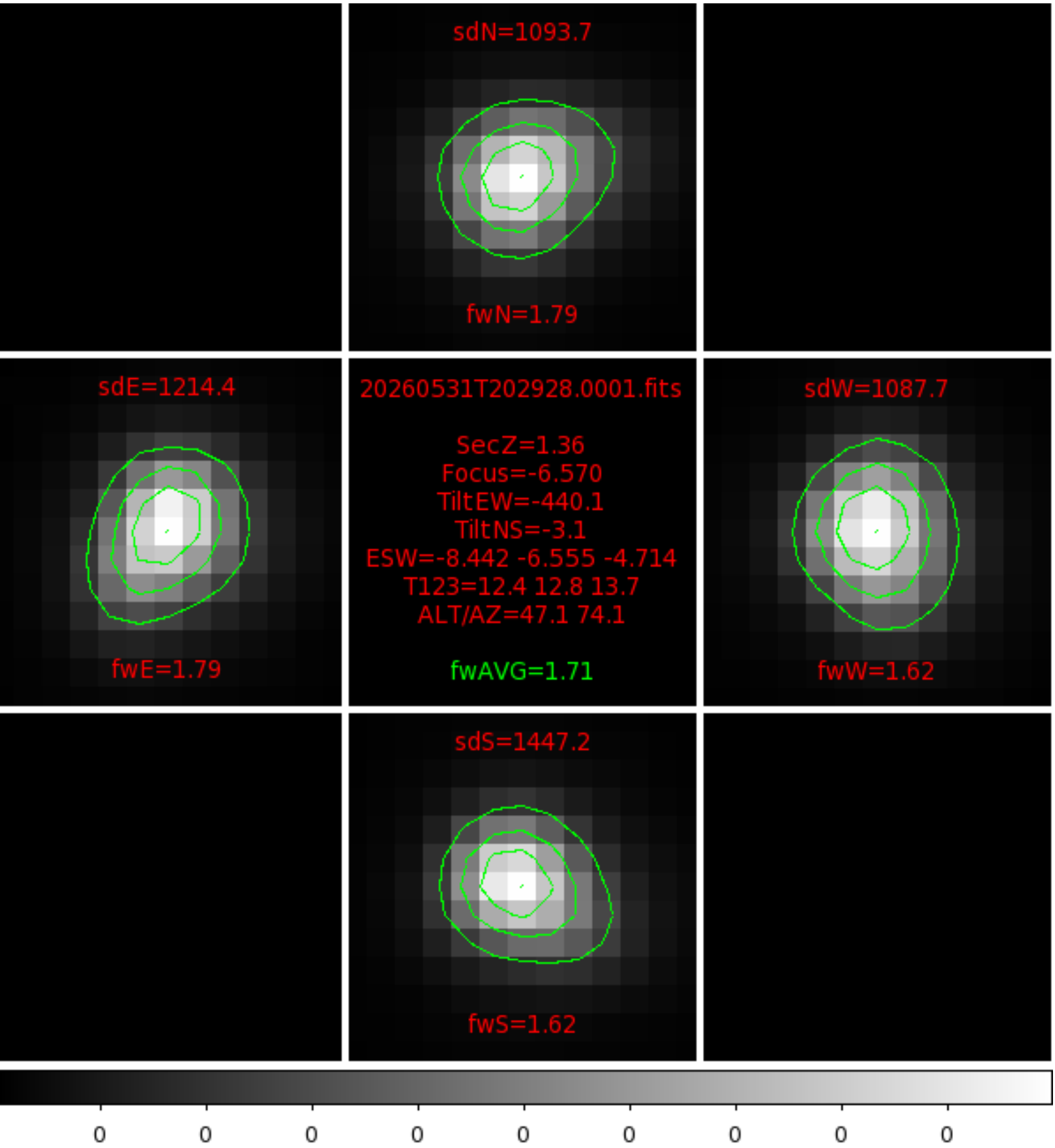
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TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.4 12.8 13.7
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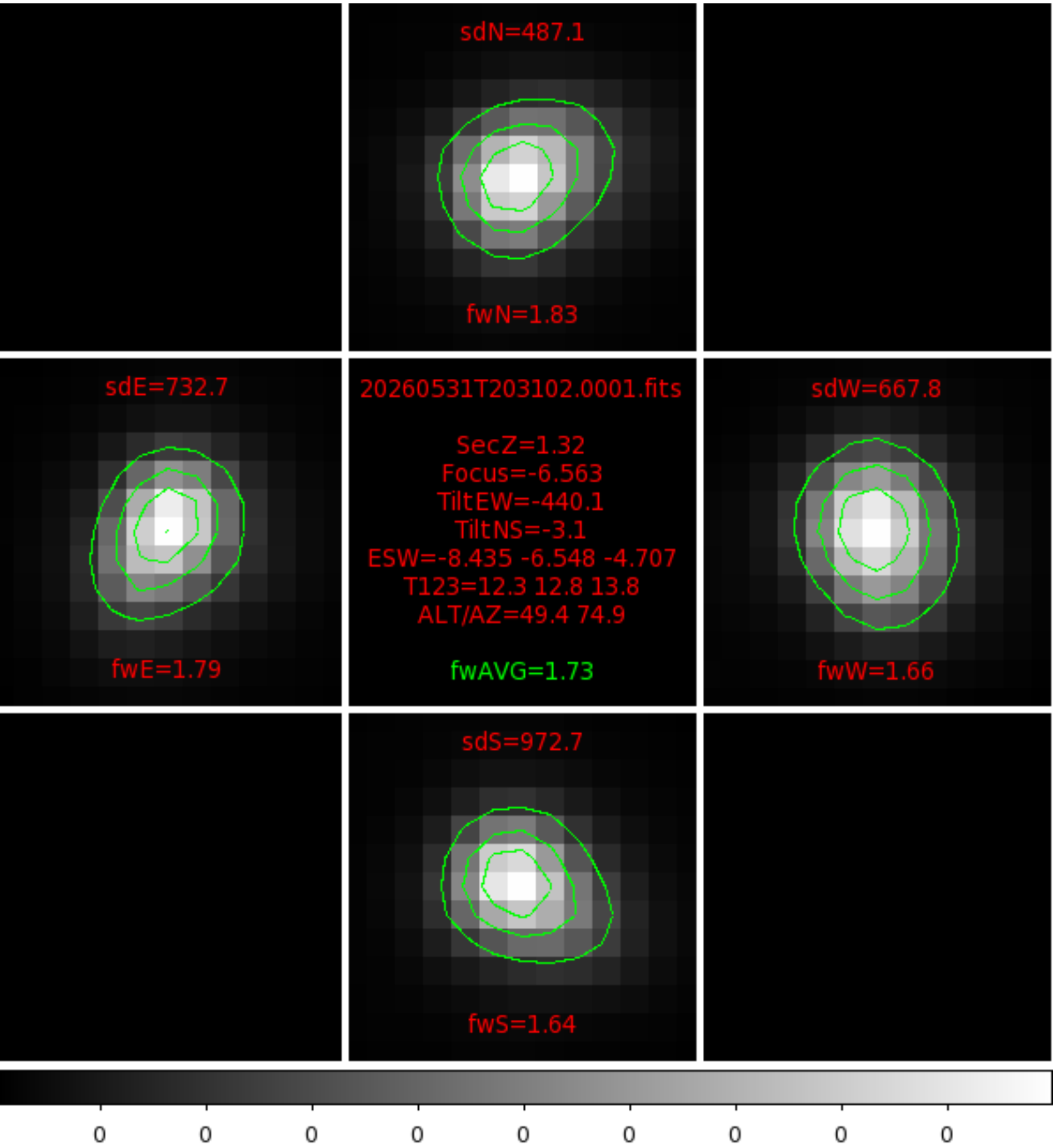
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SecZ=1.32
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TiltNS=-3.1
ESW=-8.435 -6.548 -4.707
T123=12.3 12.8 13.8
ALT/AZ=49.4 74.9
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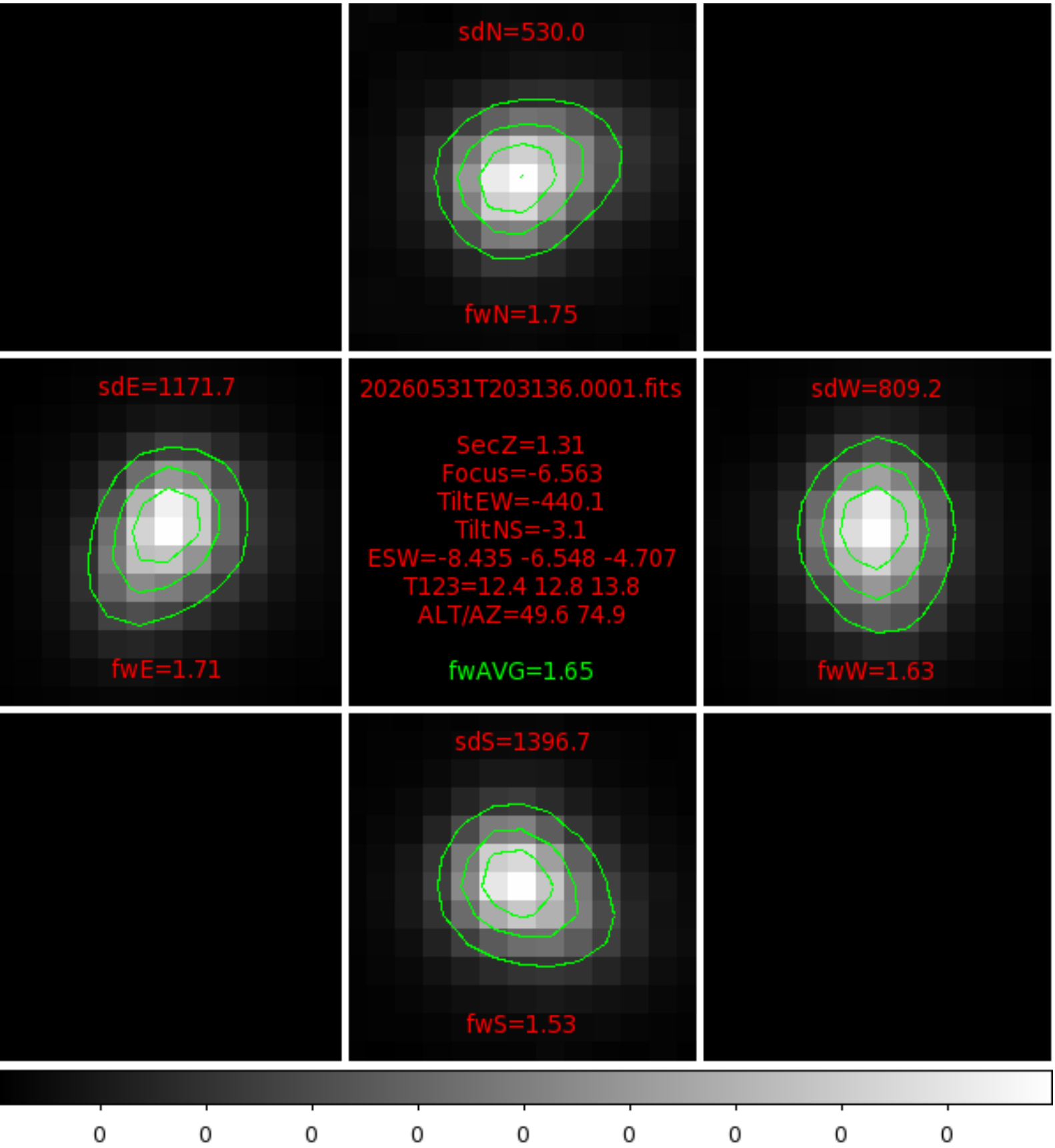
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T123=12.4 12.8 13.8
ALT/AZ=49.6 74.9
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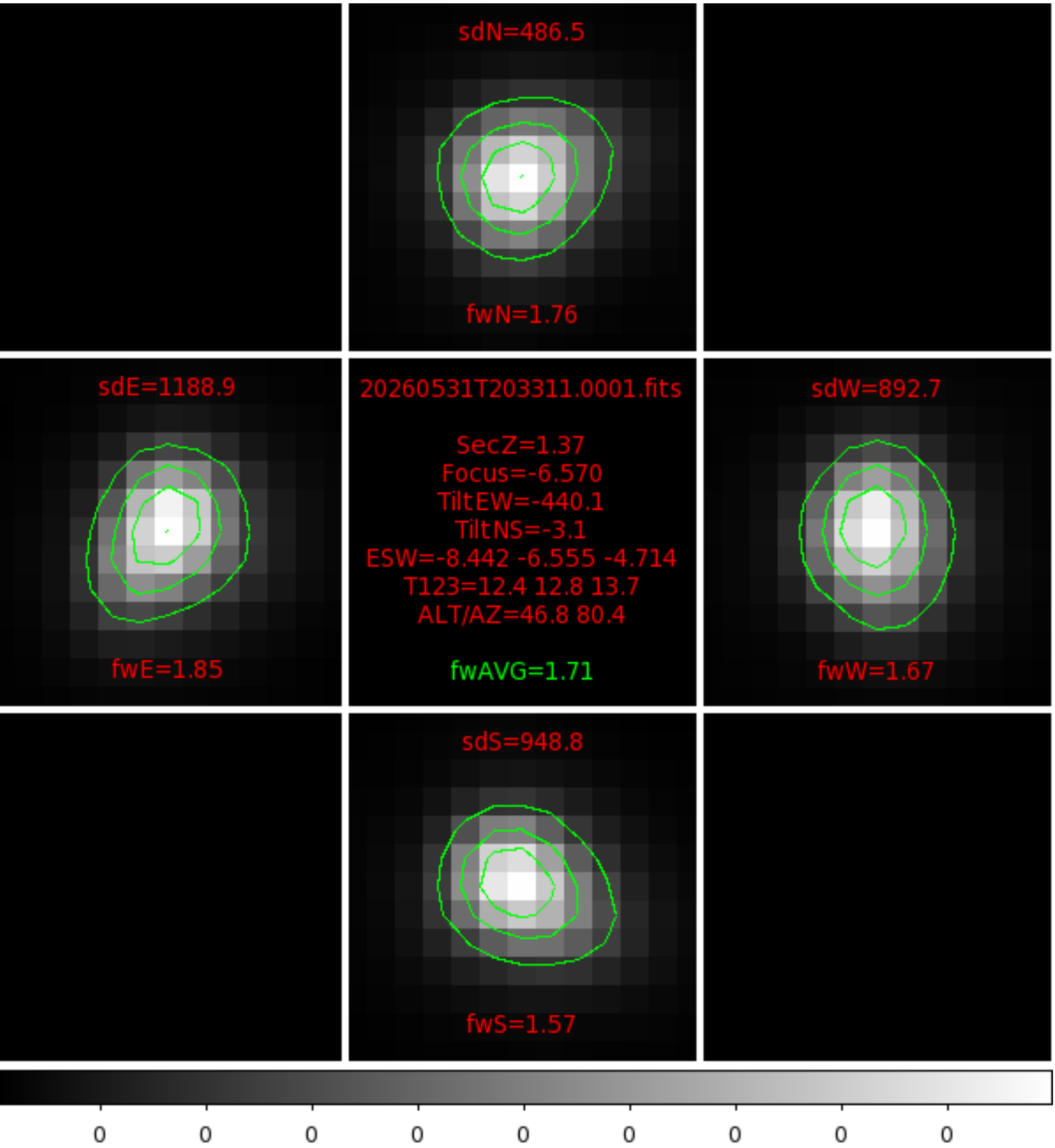
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ESW=-8.442 -6.555 -4.714
T123=12.4 12.8 13.7
ALT/AZ=46.8 80.4
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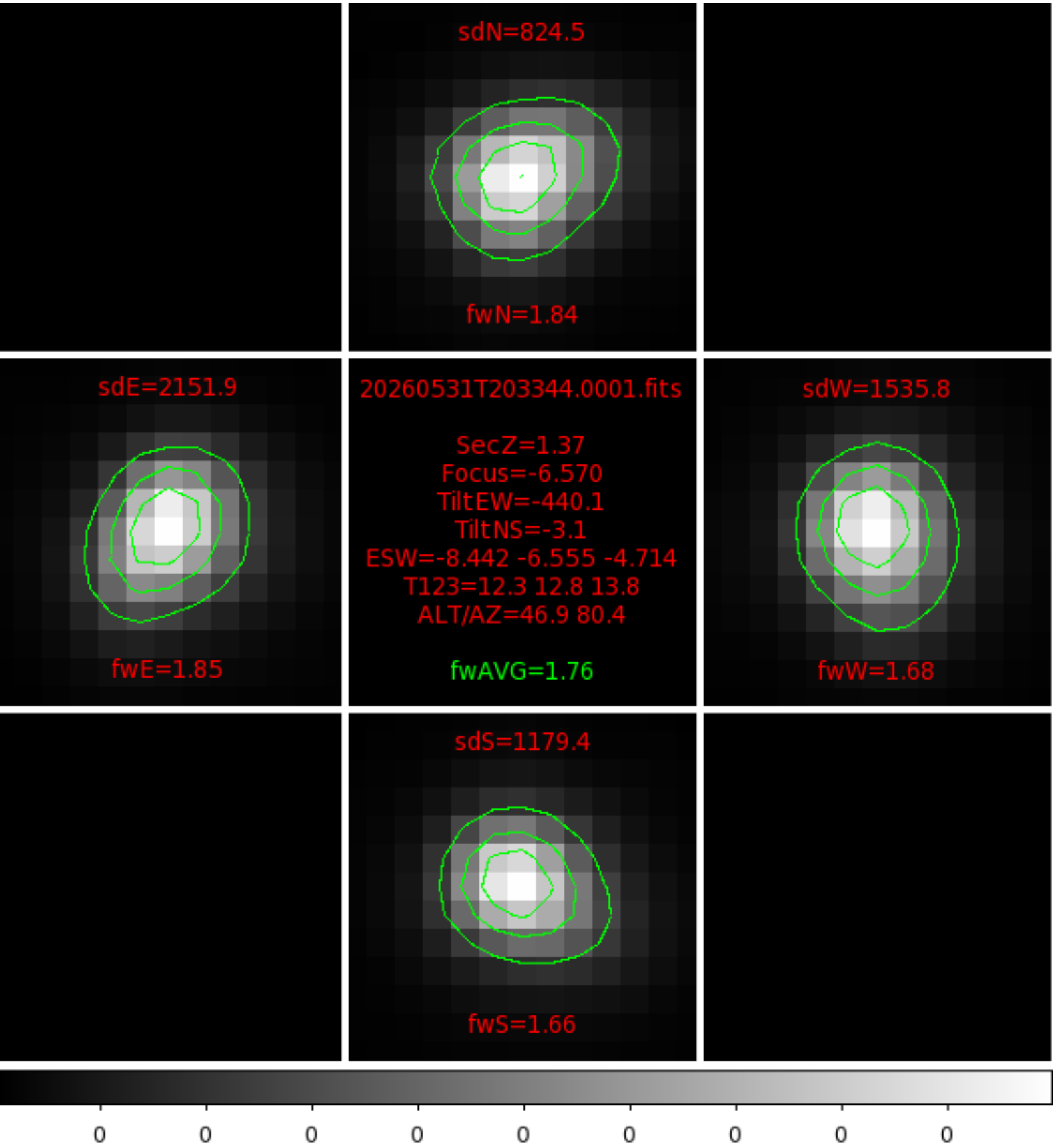
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ESW=-8.442 -6.555 -4.714
T123=12.3 12.8 13.8
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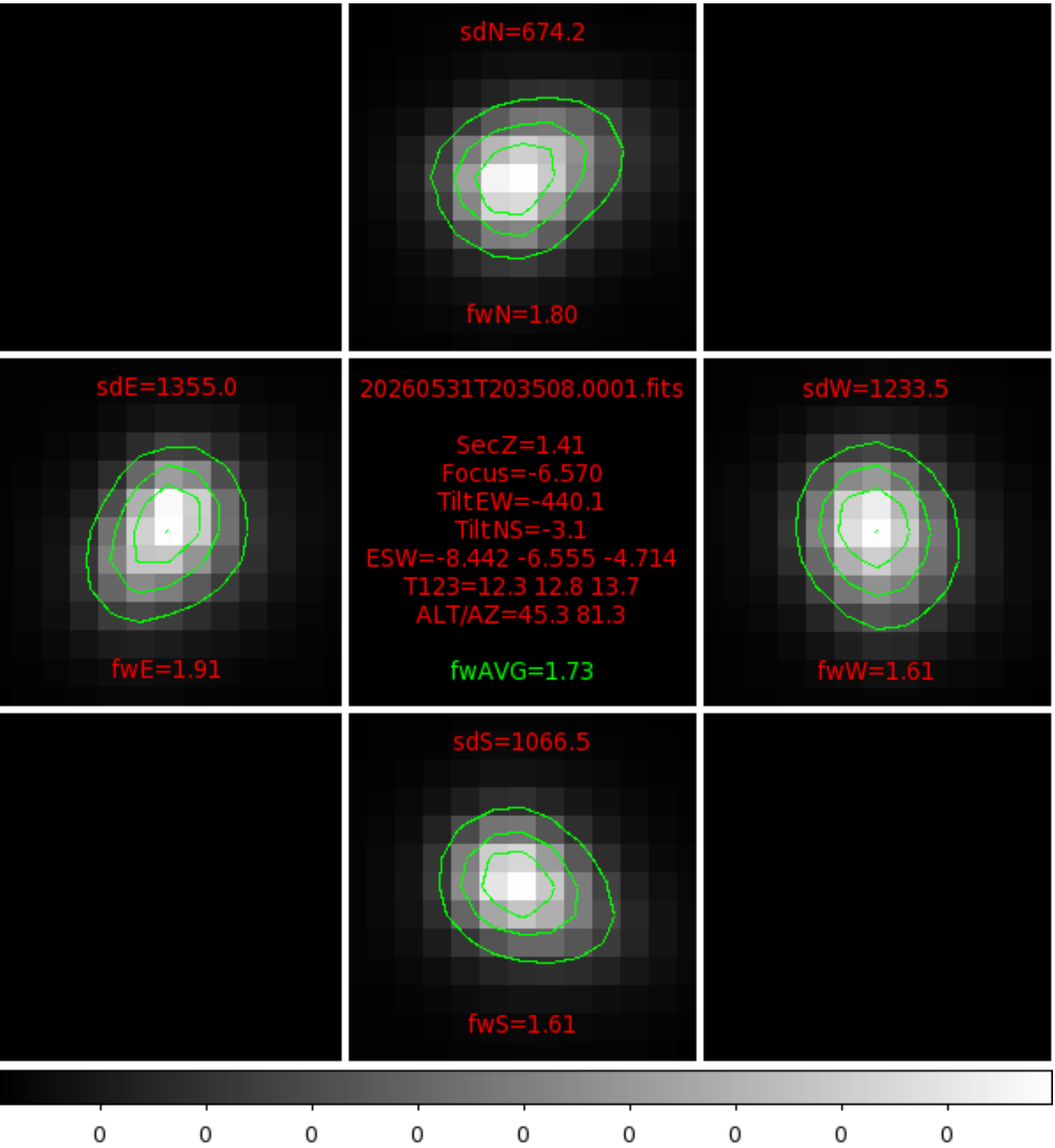
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SecZ=1.41
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.442 -6.555 -4.714
T123=12.3 12.8 13.7
ALT/AZ=45.3 81.3
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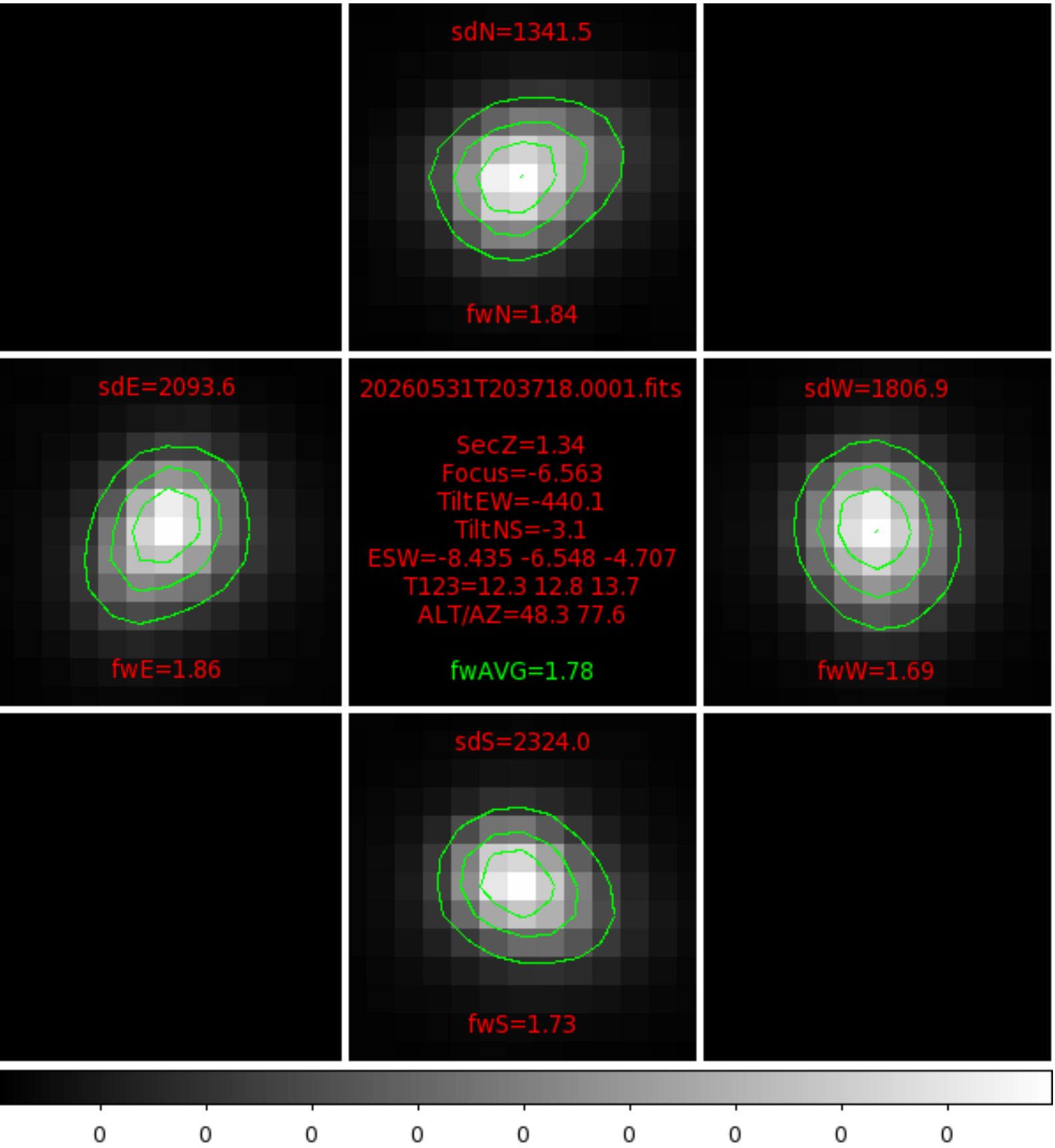
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TiltNS=-3.1
ESW=-8.435 -6.548 -4.707
T123=12.3 12.8 13.7
ALT/AZ=48.3 77.6
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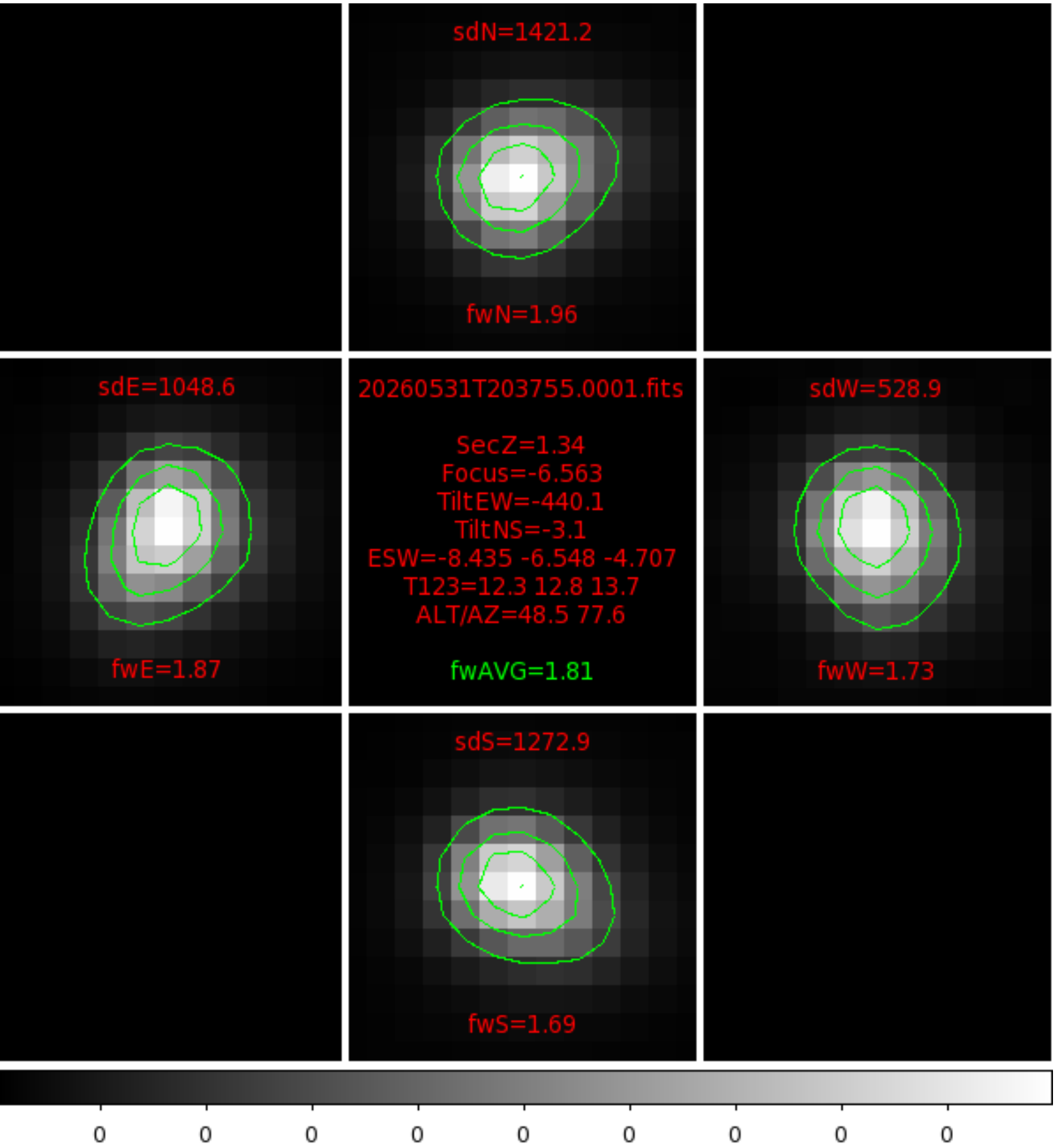
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ESW=-8.435 -6.548 -4.707
T123=12.3 12.8 13.7
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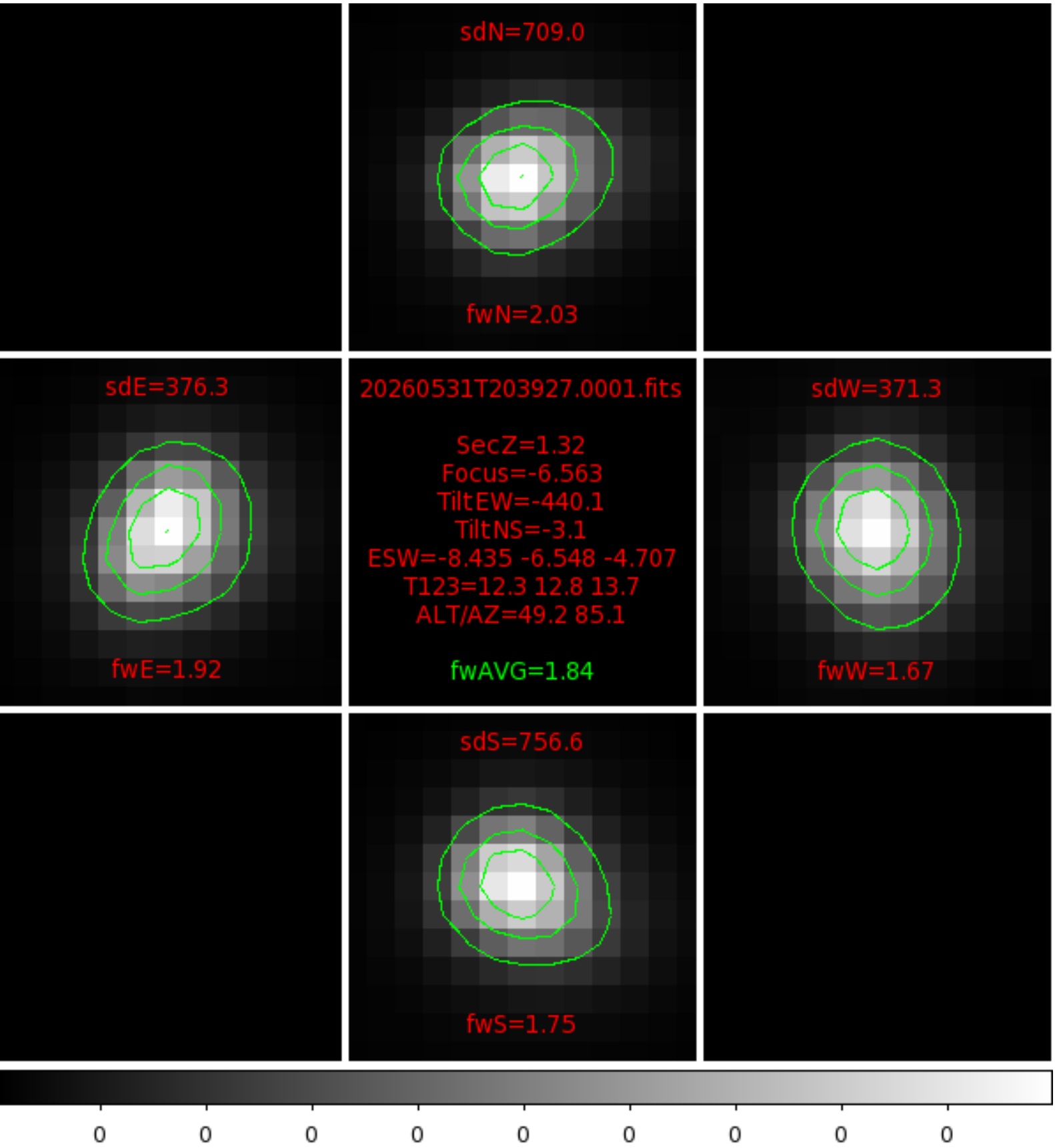
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TiltNS=-3.1
ESW=-8.435 -6.548 -4.707
T123=12.3 12.8 13.7
ALT/AZ=49.2 85.1
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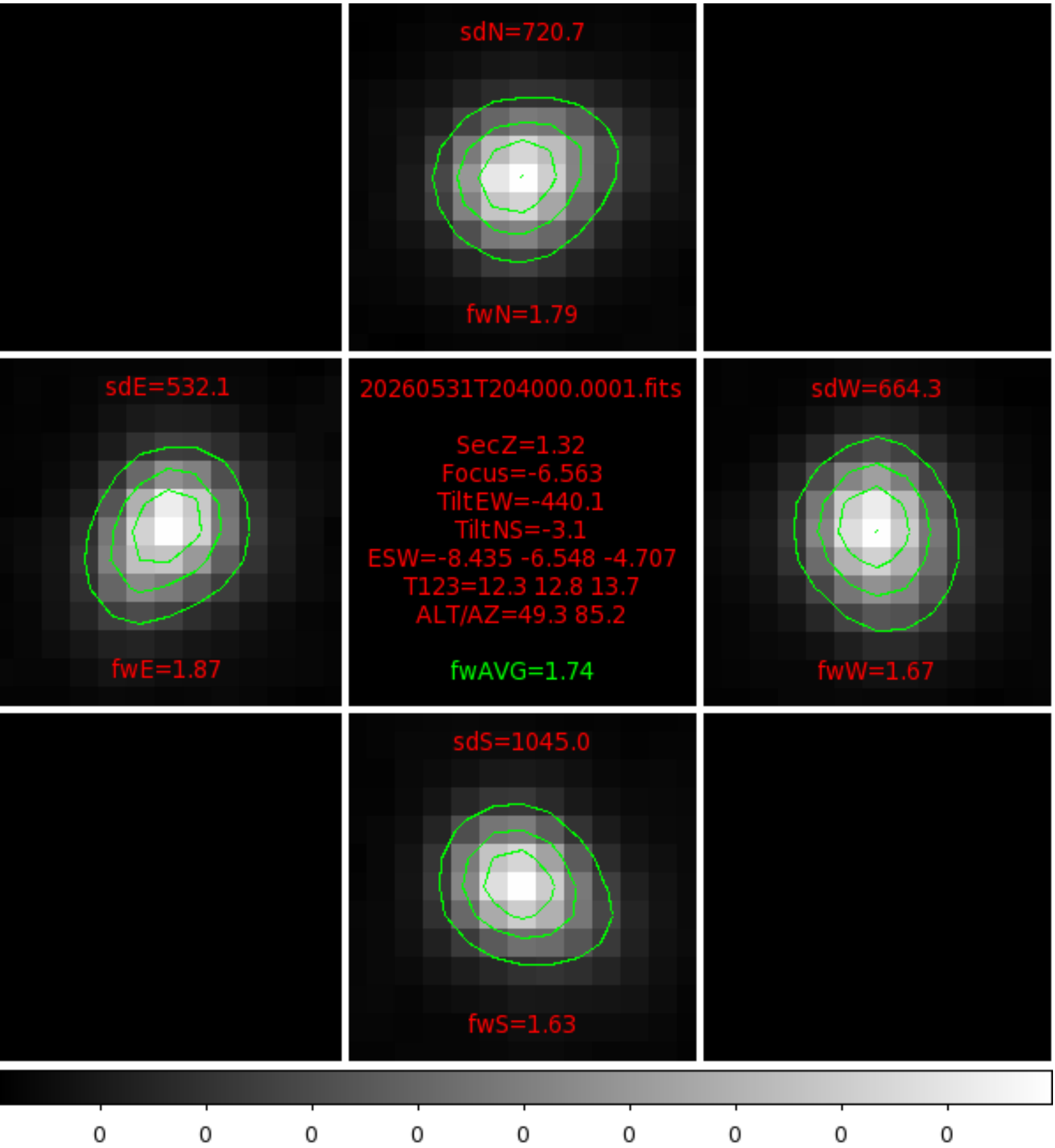
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TiltNS=-3.1
ESW=-8.435 -6.548 -4.707
T123=12.3 12.8 13.7
ALT/AZ=49.3 85.2
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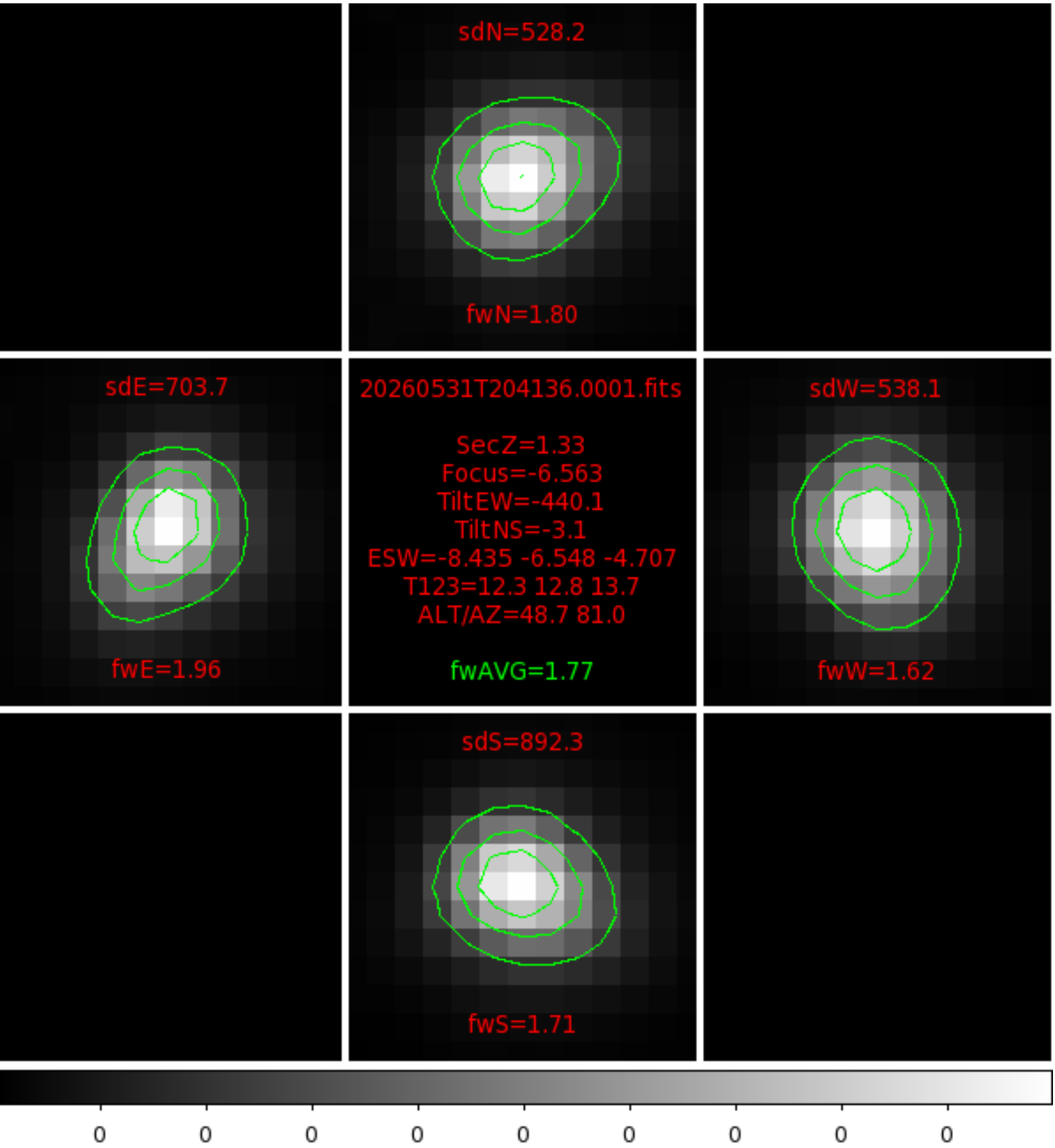
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TiltNS=-3.1
ESW=-8.435 -6.548 -4.707
T123=12.3 12.8 13.7
ALT/AZ=48.7 81.0
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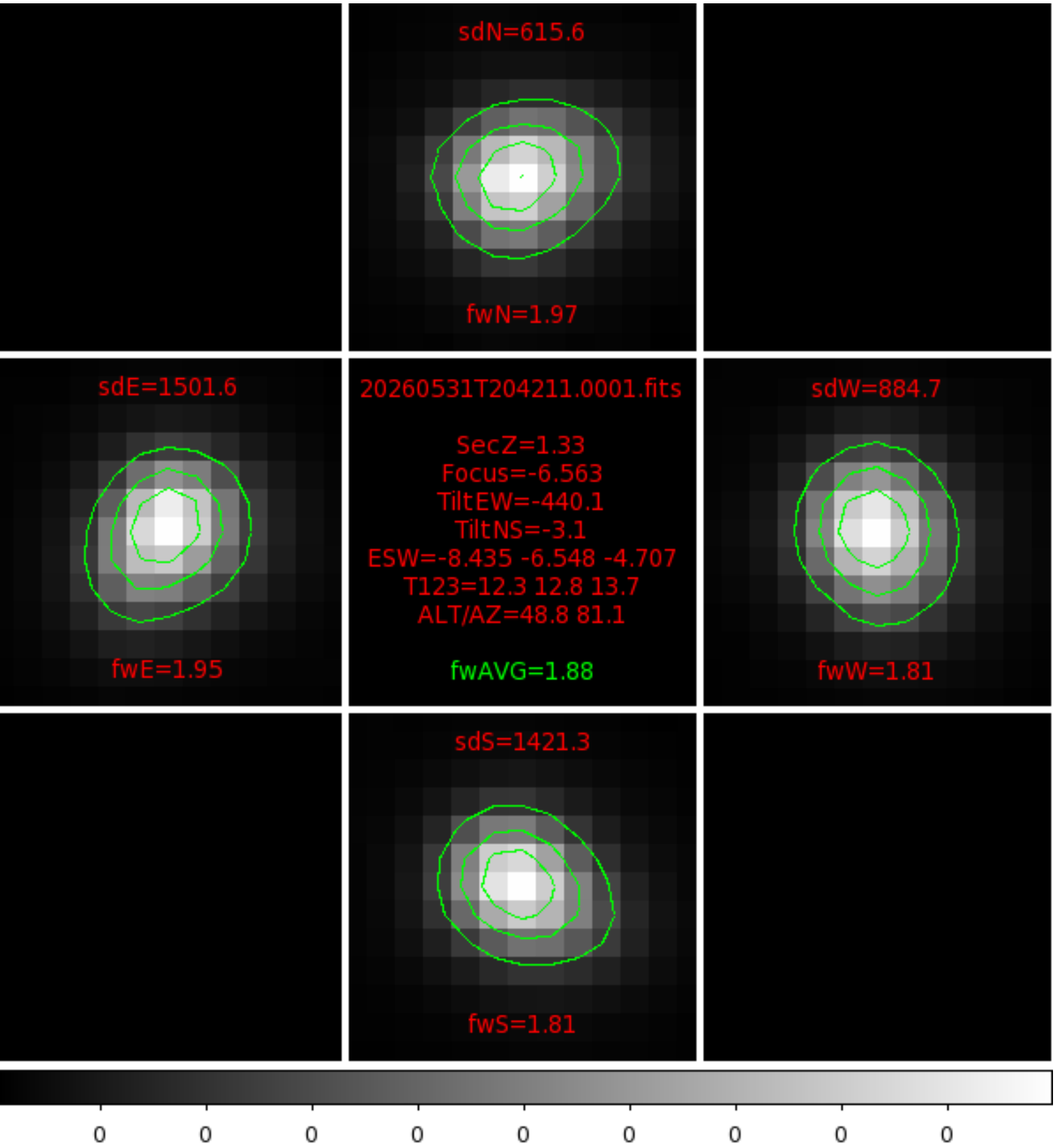
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ESW=-8.435 -6.548 -4.707
T123=12.3 12.8 13.7
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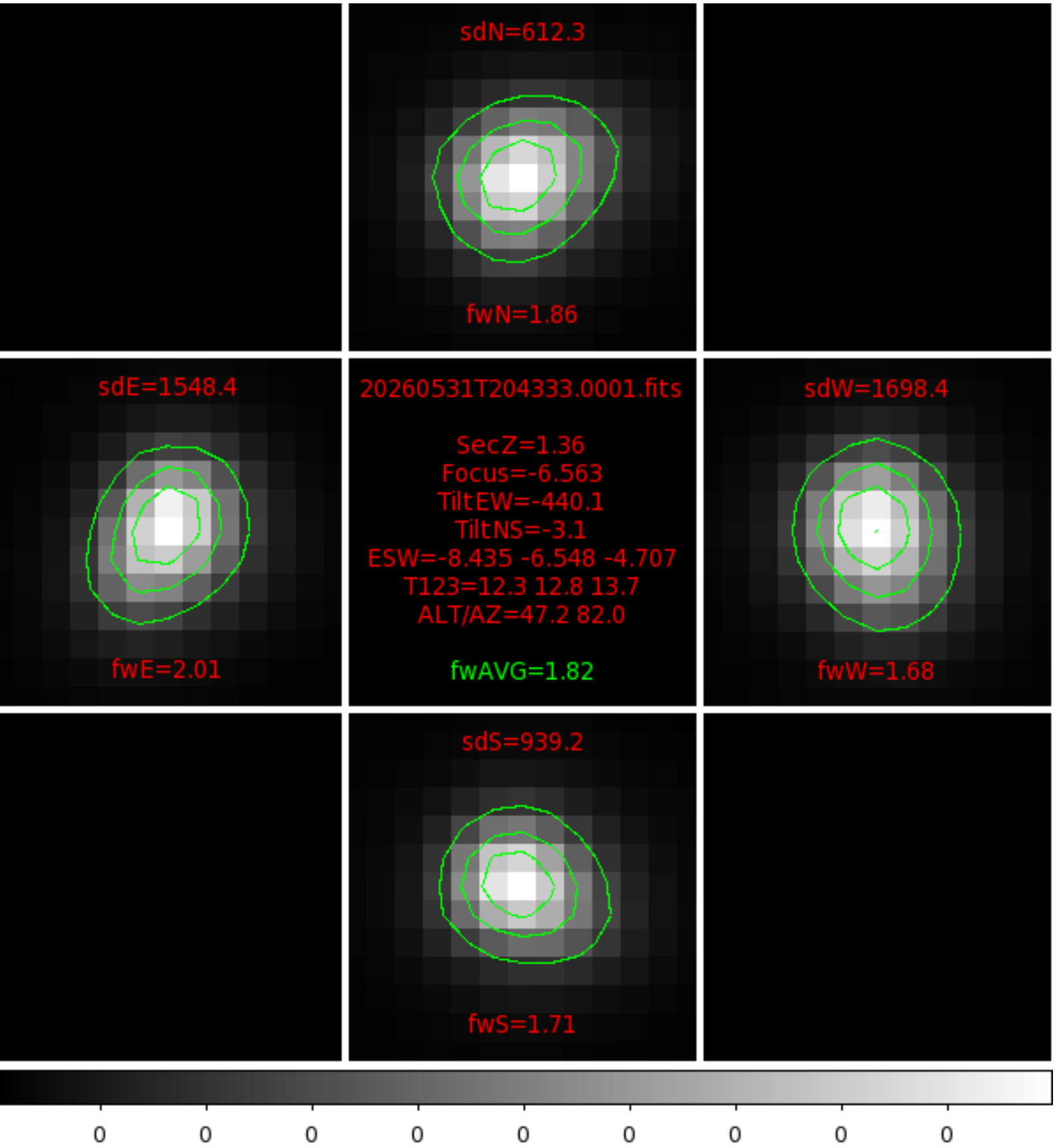
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TiltNS=-3.1
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T123=12.3 12.8 13.7
ALT/AZ=47.2 82.0
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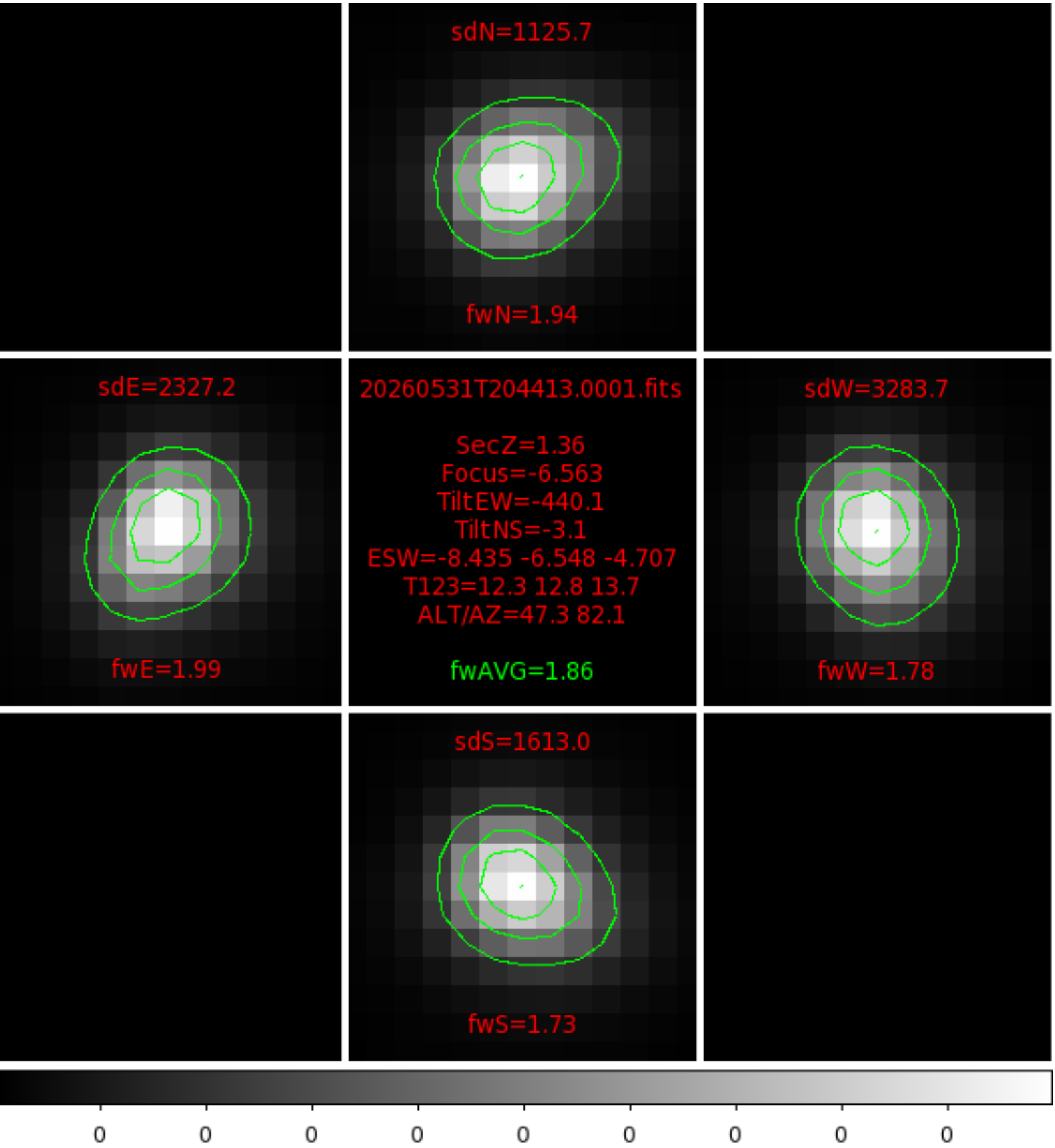
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.435 -6.548 -4.707
T123=12.3 12.8 13.7
ALT/AZ=47.3 82.1
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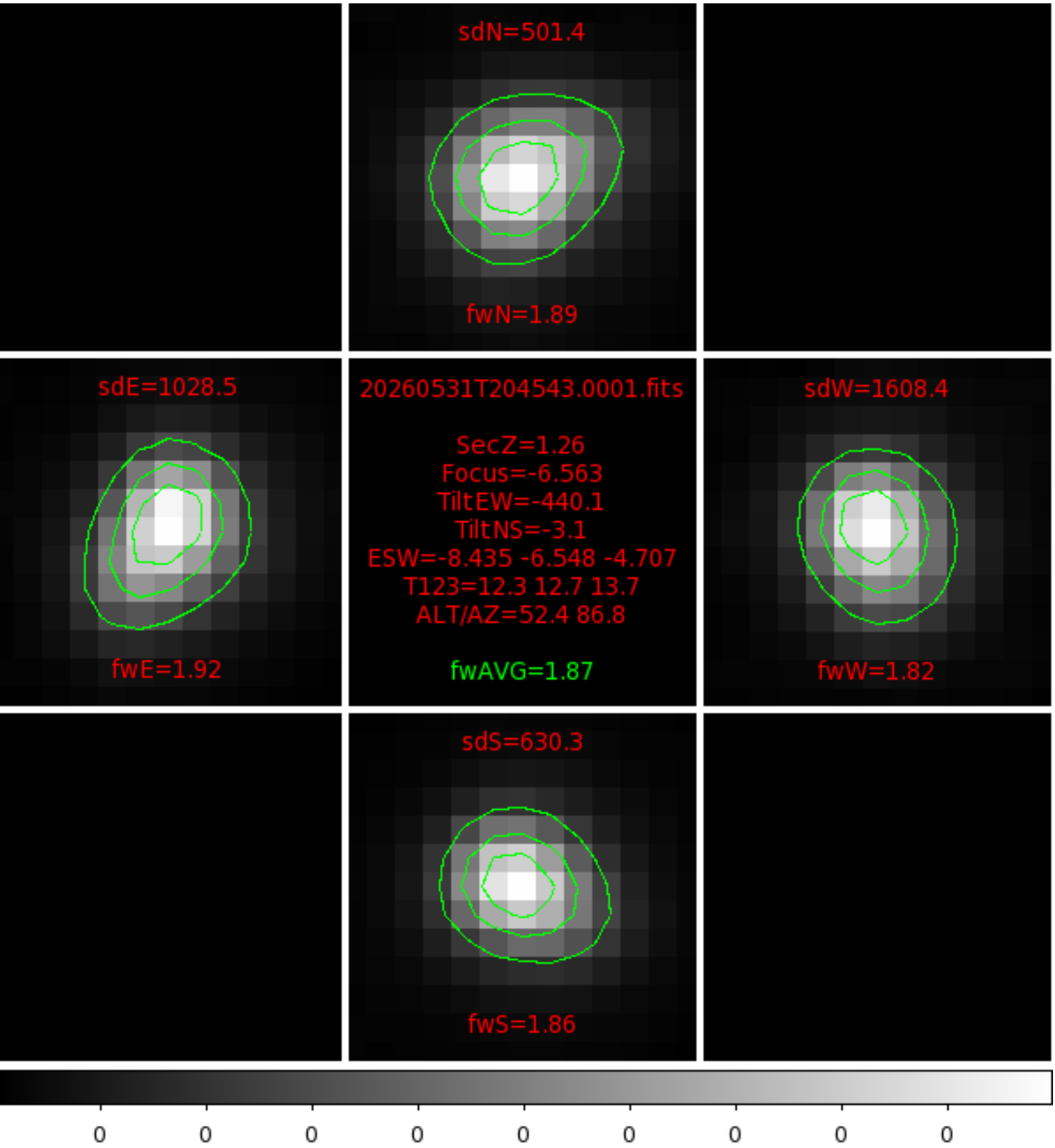
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TiltNS=-3.1
ESW=-8.435 -6.548 -4.707
T123=12.3 12.7 13.7
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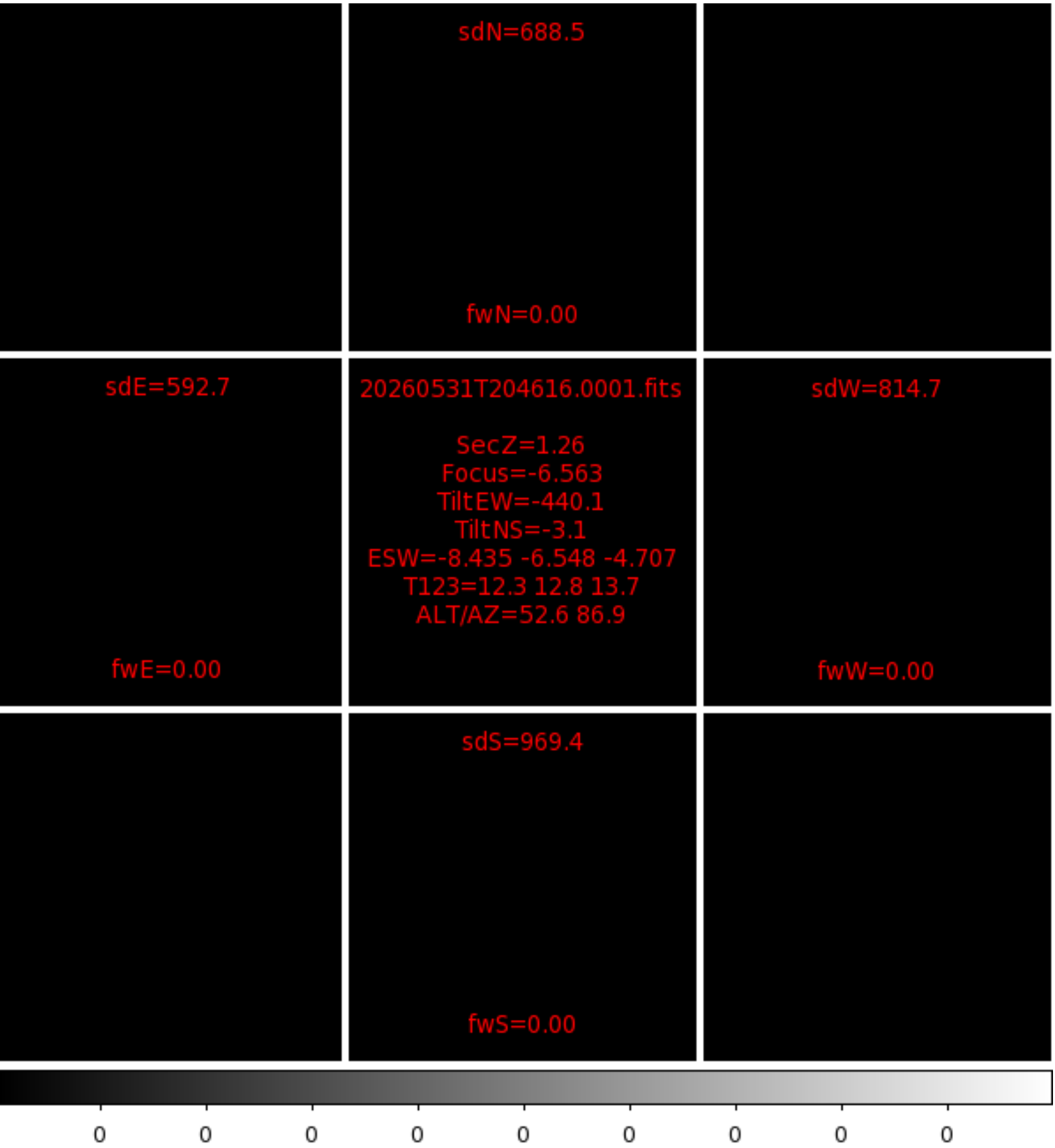
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SecZ=1.26
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TiltNS=-3.1
ESW=-8.435 -6.548 -4.707
T123=12.3 12.8 13.7
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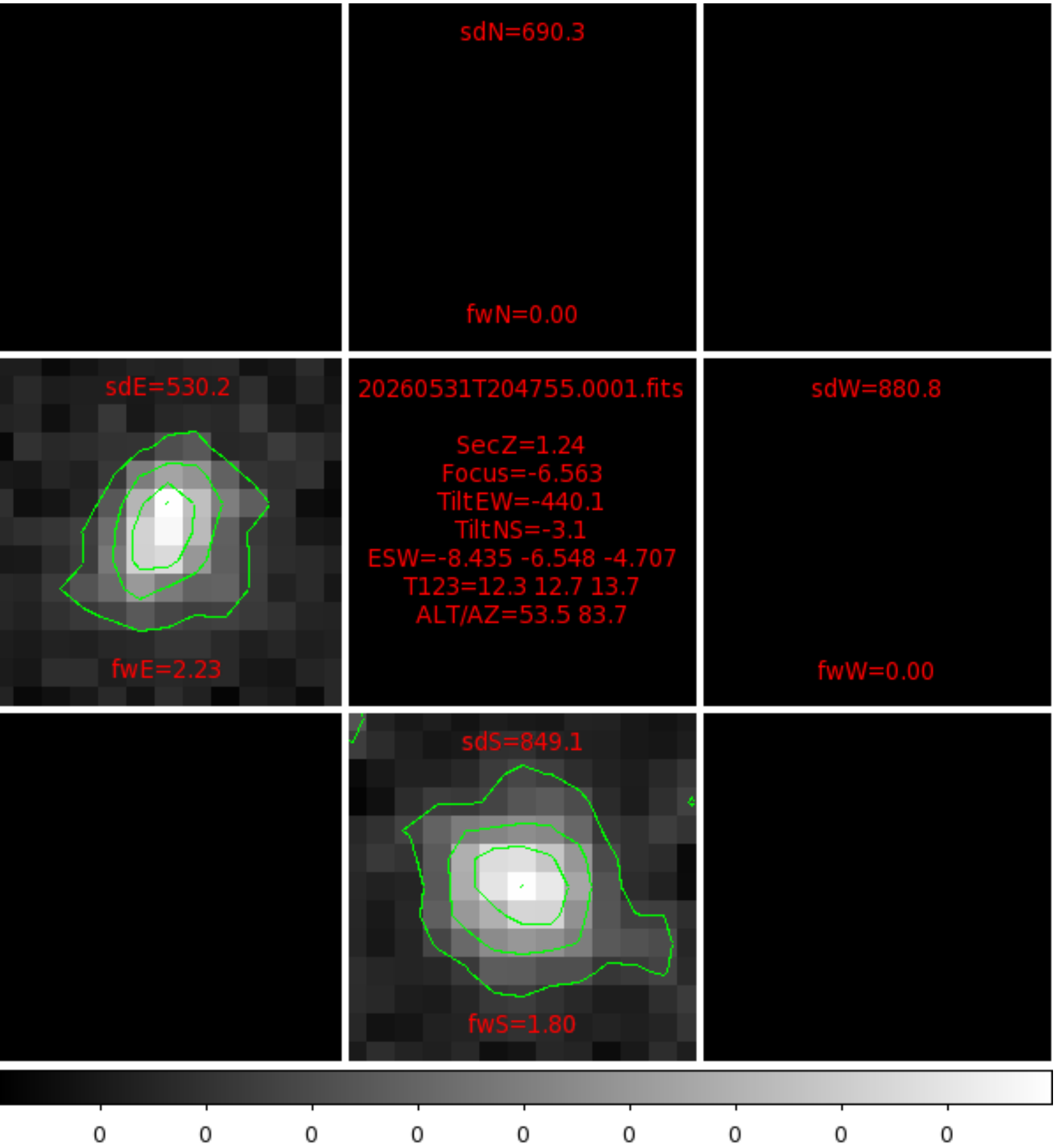
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TiltNS=-3.1
ESW=-8.435 -6.548 -4.707
T123=12.3 12.7 13.7
ALT/AZ=53.5 83.7
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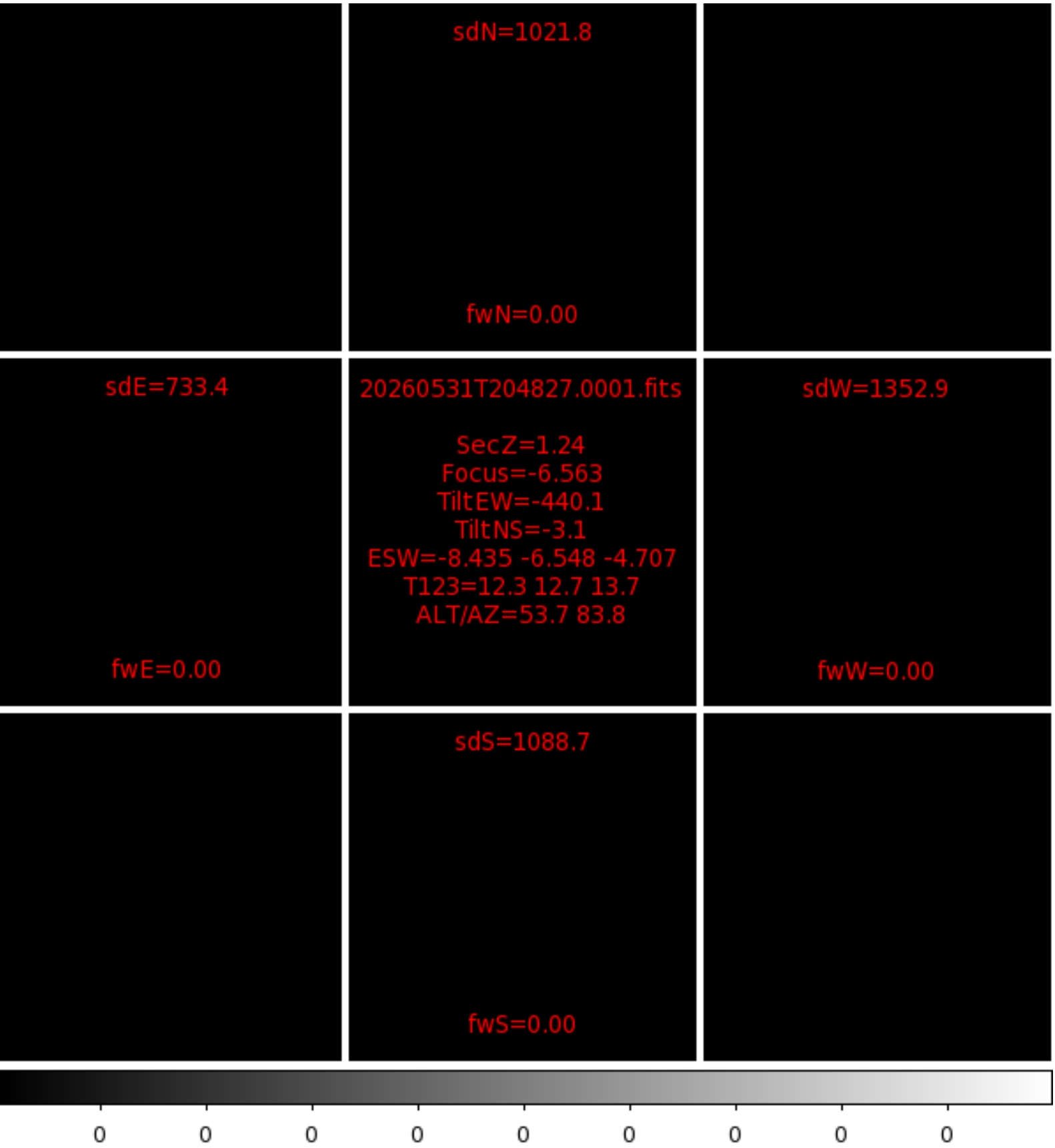
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SecZ=1.24
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.435 -6.548 -4.707
T123=12.3 12.7 13.7
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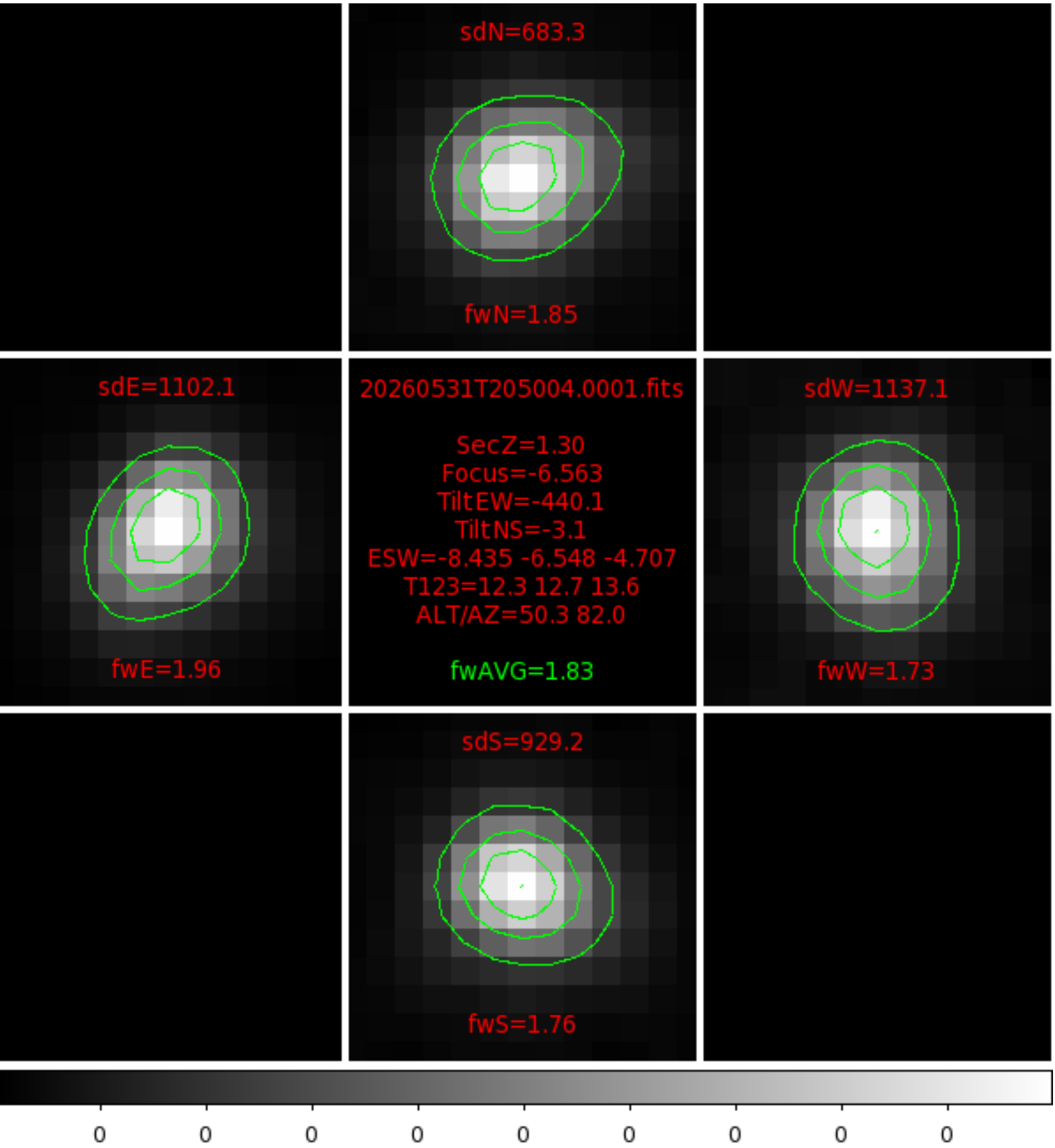
sdN=683.3
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SecZ=1.30
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.435 -6.548 -4.707
T123=12.3 12.7 13.6
ALT/AZ=50.3 82.0
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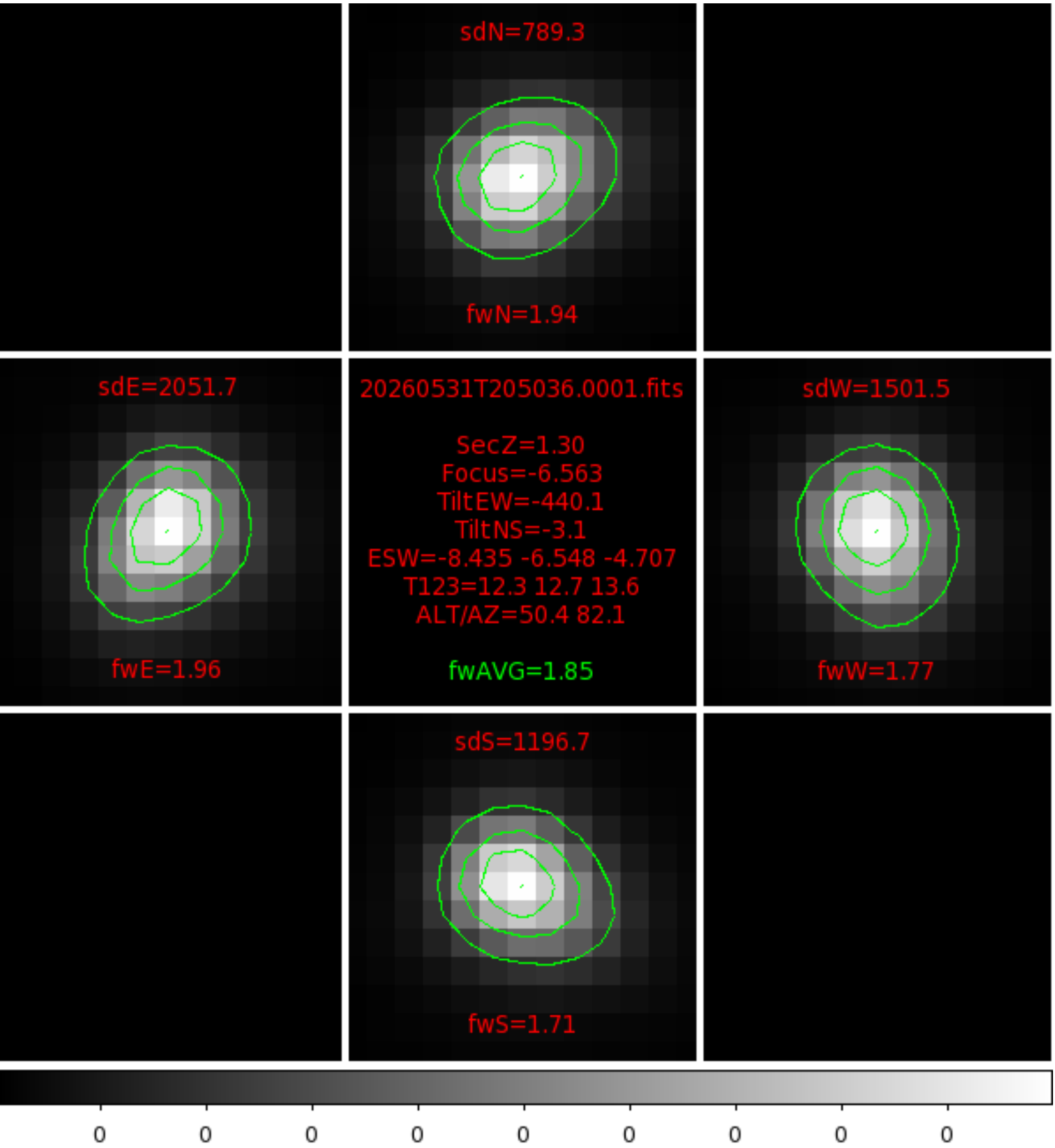
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Focus=-6.563
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.435 -6.548 -4.707
T123=12.3 12.7 13.6
ALT/AZ=50.4 82.1
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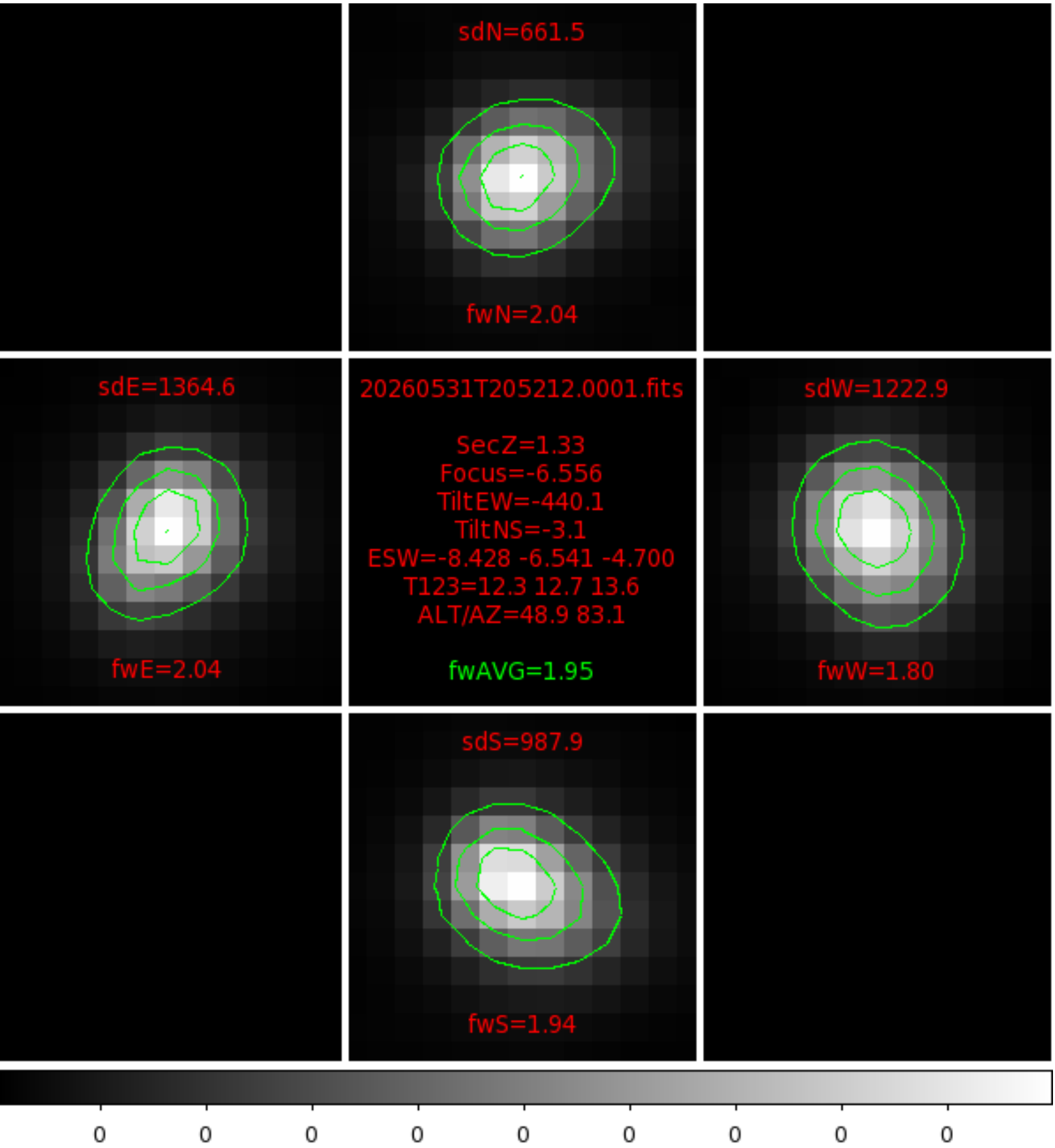
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SecZ=1.33
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.3 12.7 13.6
ALT/AZ=48.9 83.1
fwAVG=1.95
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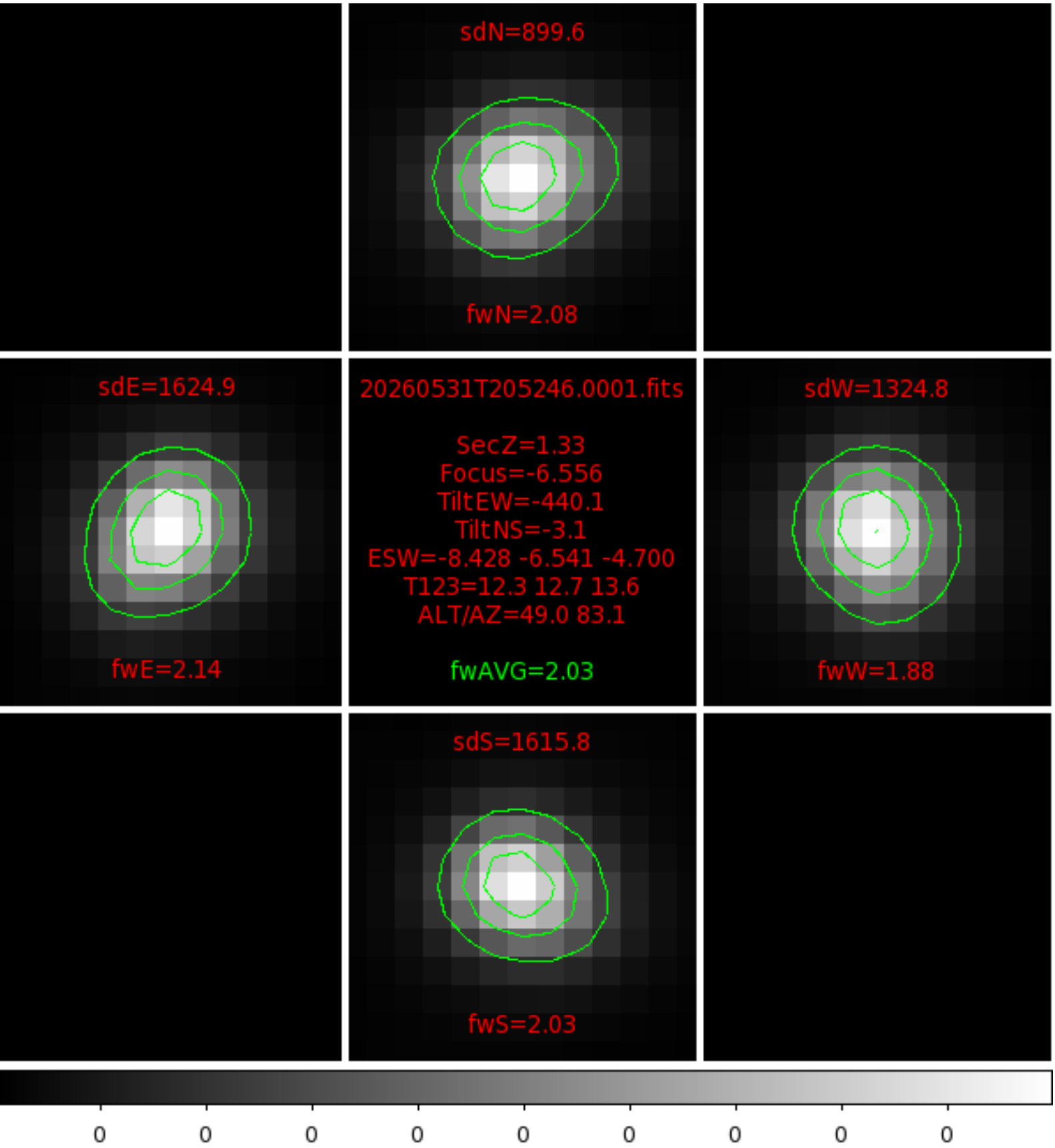
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SecZ=1.33
Focus=-6.556
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.3 12.7 13.6
ALT/AZ=49.0 83.1
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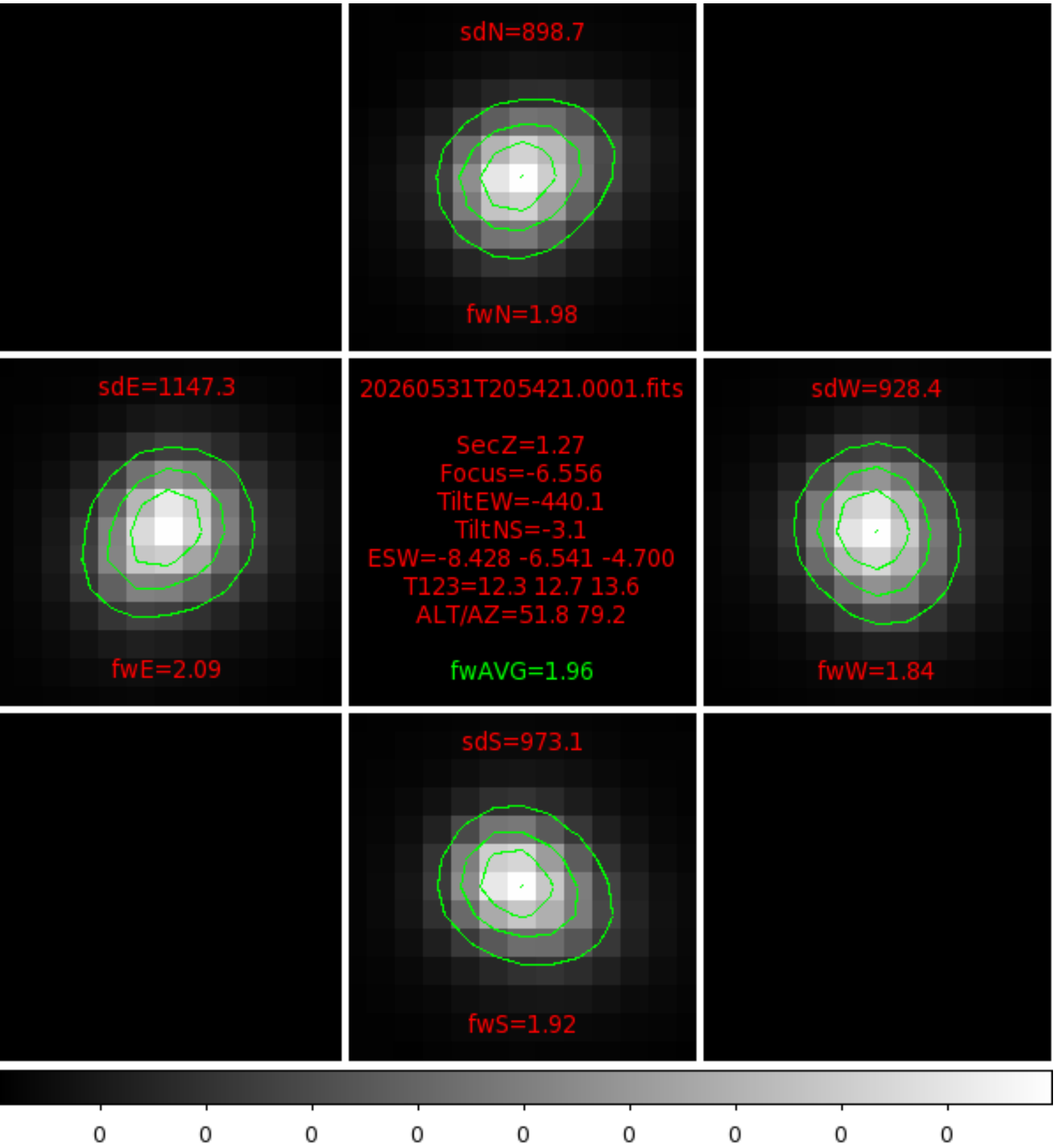
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SecZ=1.27
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.3 12.7 13.6
ALT/AZ=51.8 79.2
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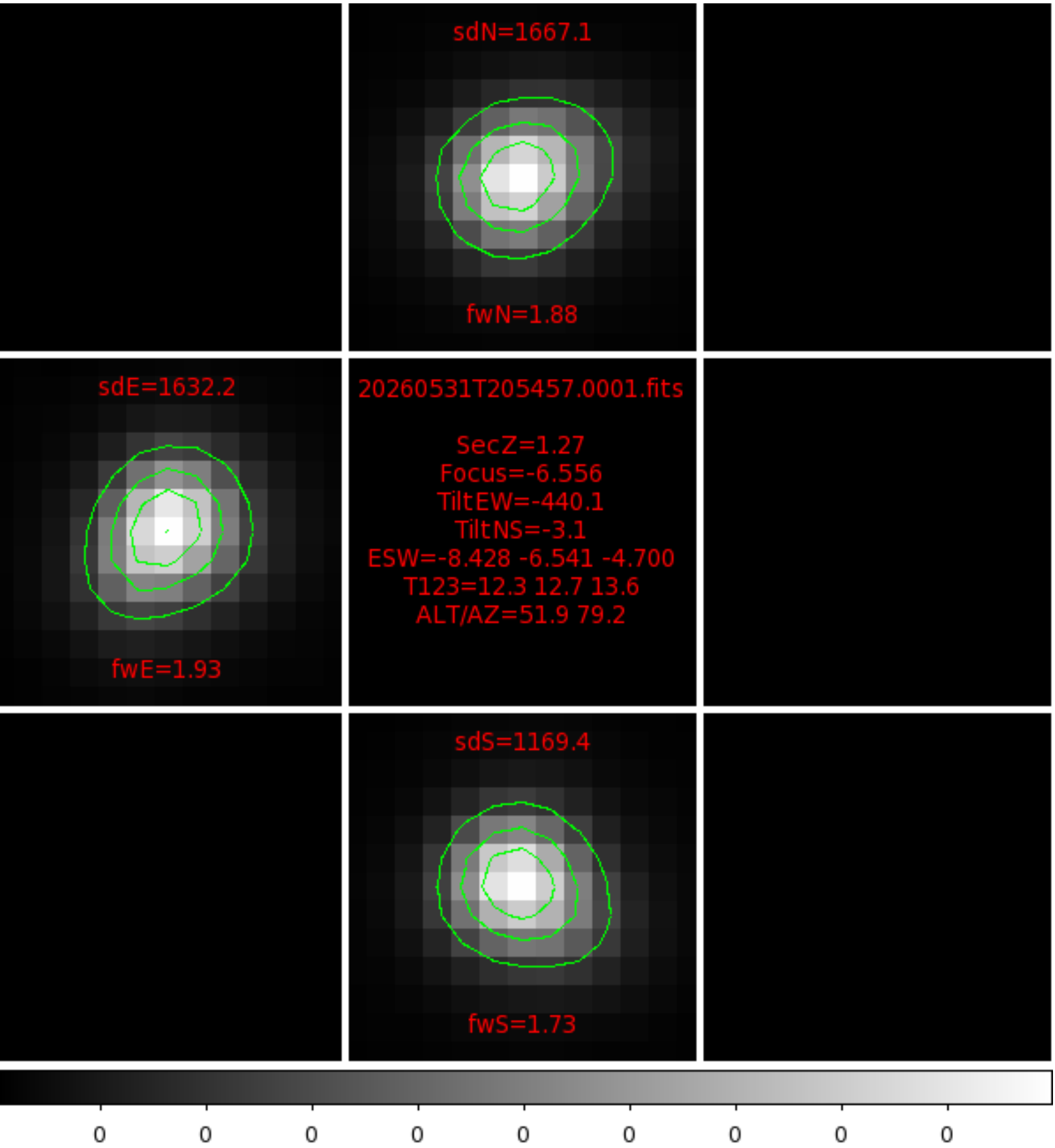
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SecZ=1.27
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TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.3 12.7 13.6
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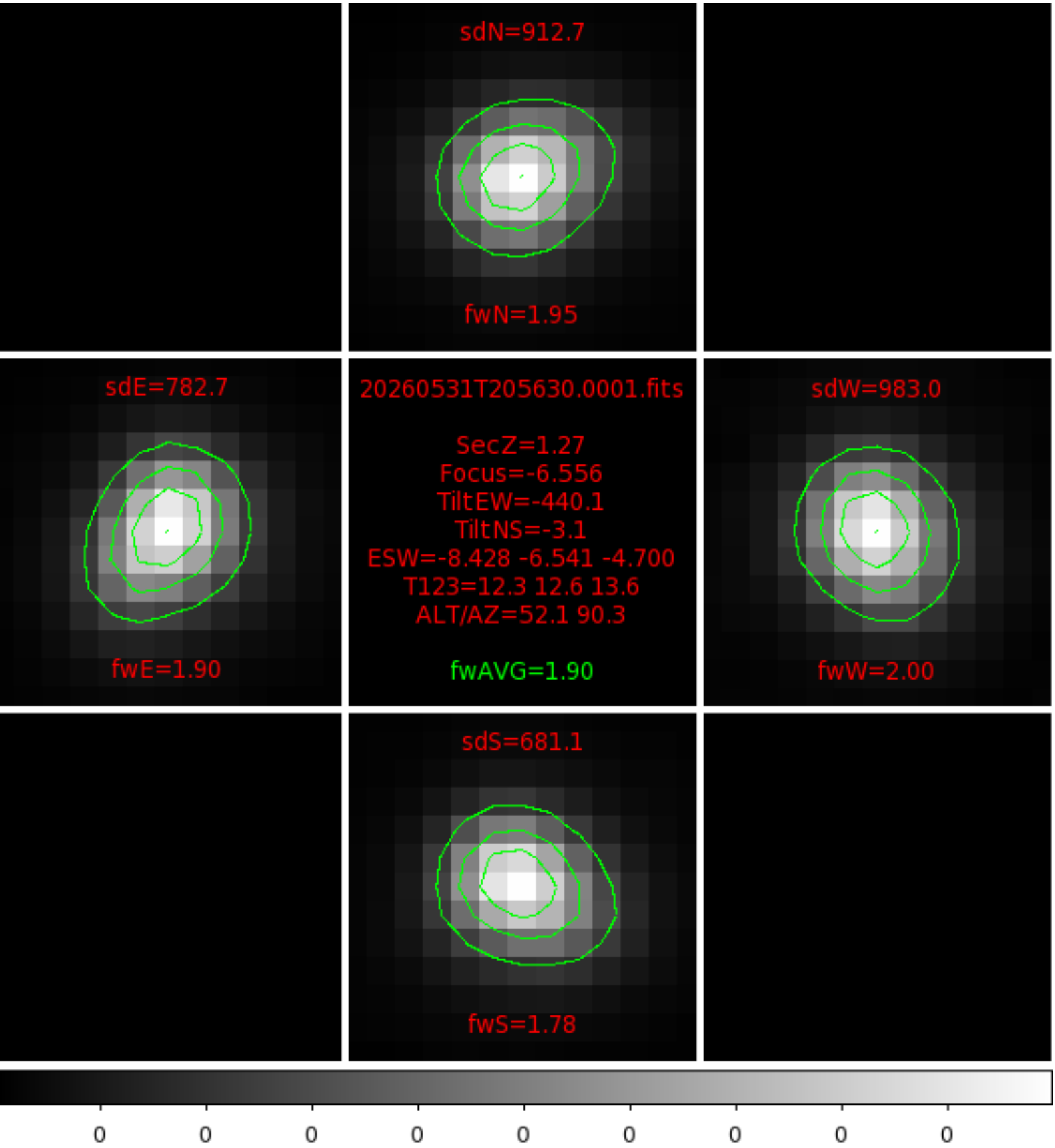
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sdE=782.7
fwE=1.90
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SecZ=1.27
Focus=-6.556
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.3 12.6 13.6
ALT/AZ=52.1 90.3
fwAVG=1.90
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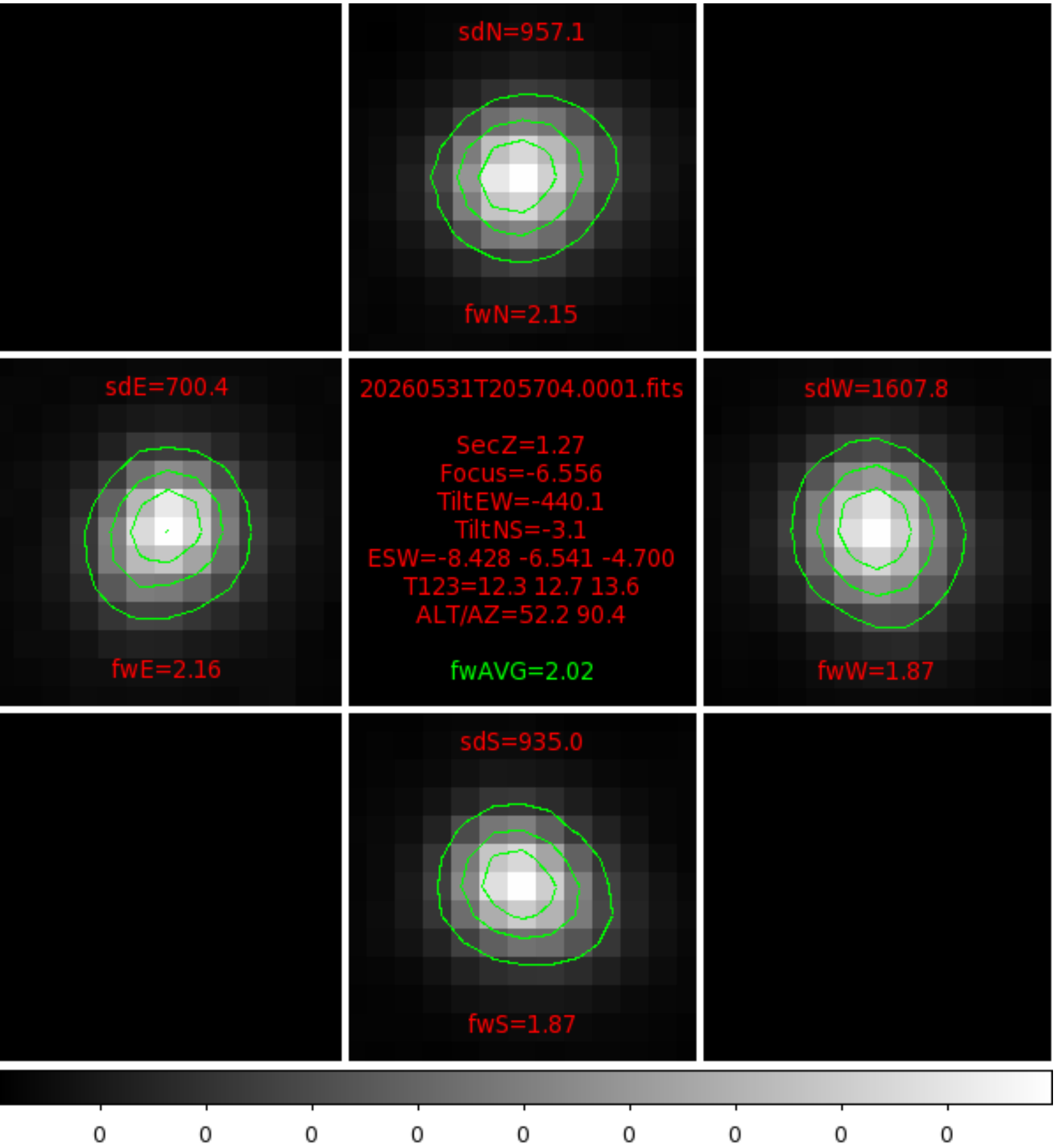
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SecZ=1.27
Focus=-6.556
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.3 12.7 13.6
ALT/AZ=52.2 90.4
fwAVG=2.02
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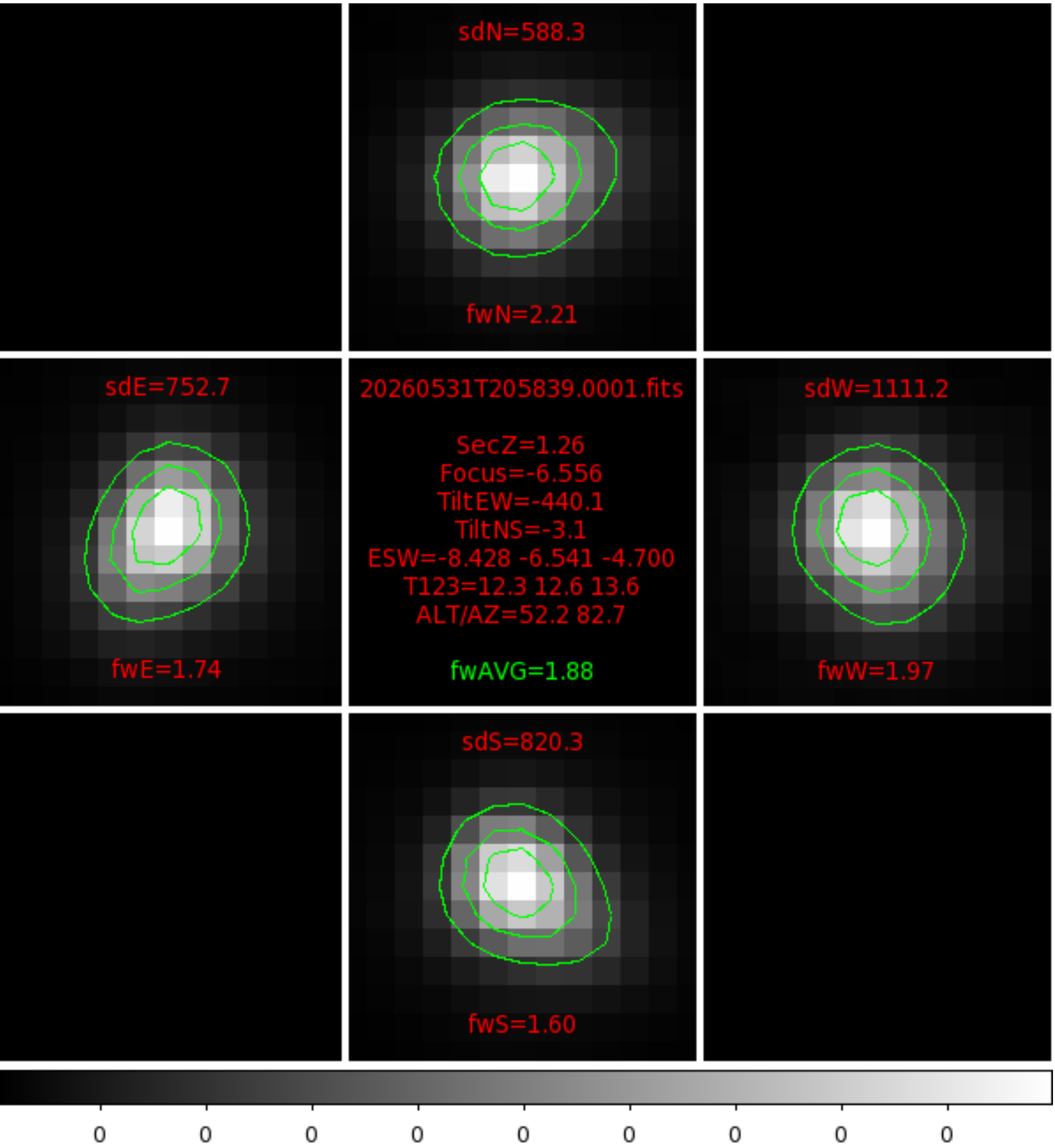
sdN=588.3
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sdE=752.7
fwE=1.74
20260531T205839.0001.fits
SecZ=1.26
Focus=-6.556
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.3 12.6 13.6
ALT/AZ=52.2 82.7
fwAVG=1.88
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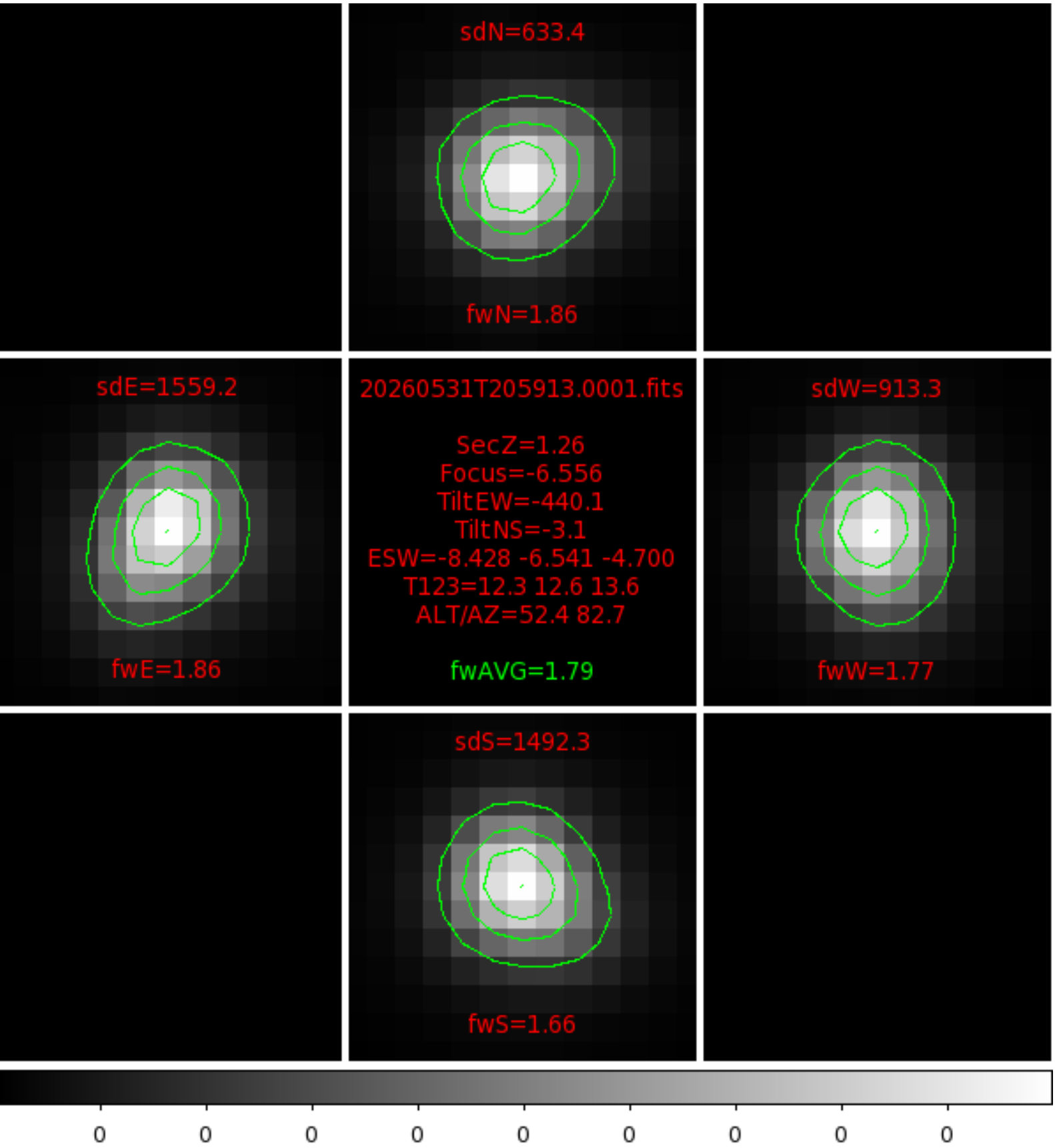
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fwE=1.86
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SecZ=1.26
Focus=-6.556
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.3 12.6 13.6
ALT/AZ=52.4 82.7
fwAVG=1.79
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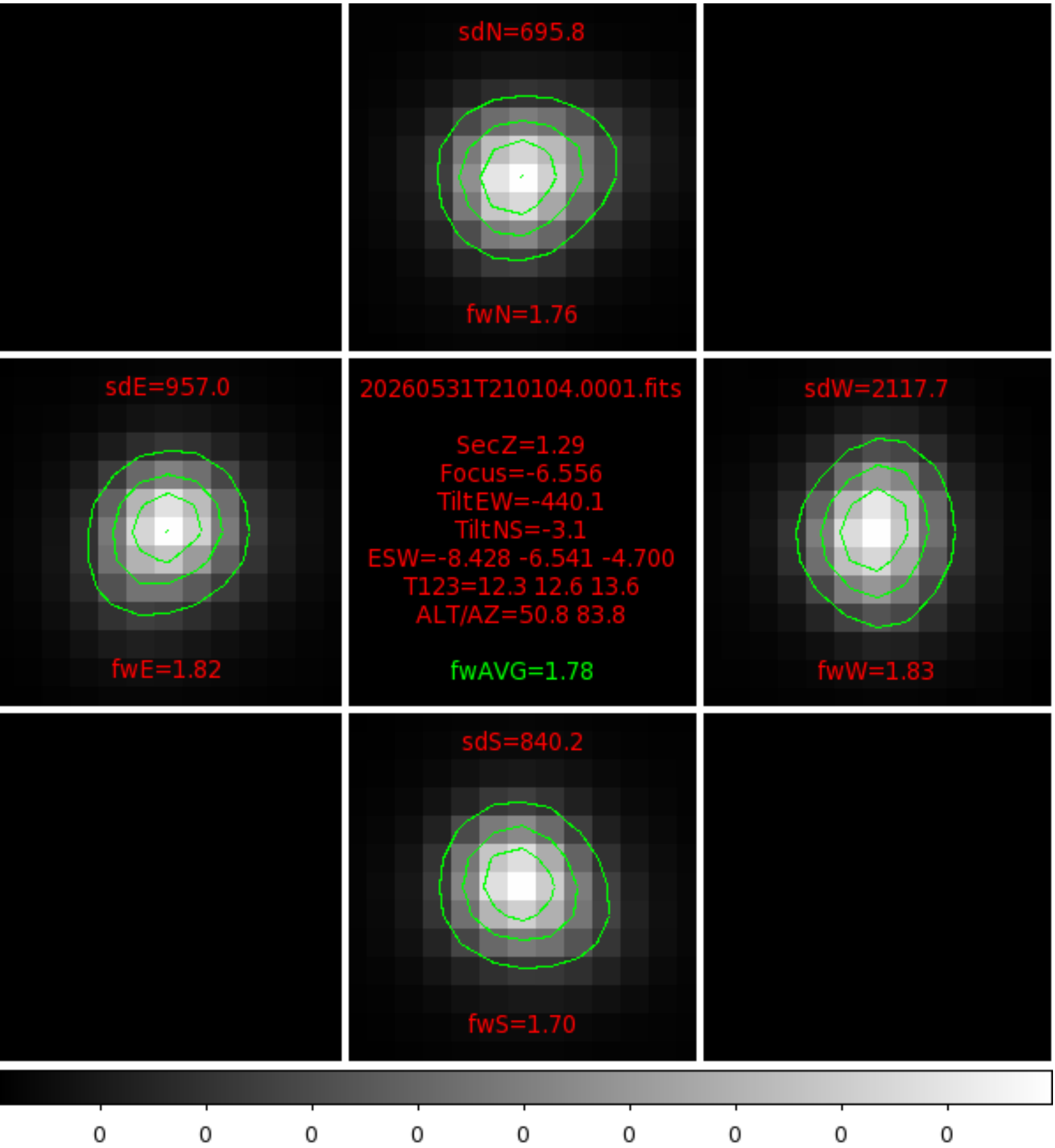
sdN=695.8
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fwE=1.82
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SecZ=1.29
Focus=-6.556
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.3 12.6 13.6
ALT/AZ=50.8 83.8
fwAVG=1.78
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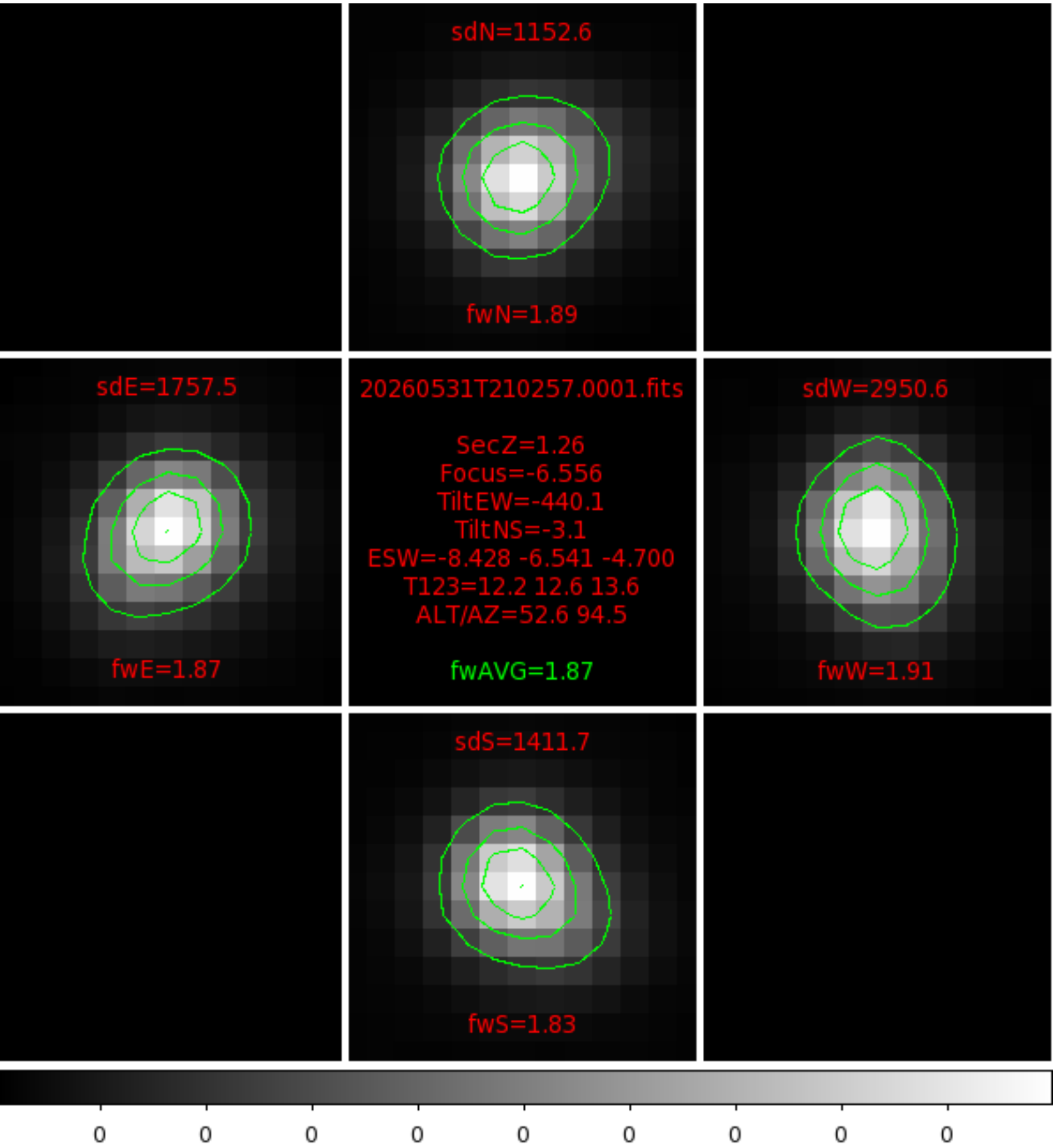
sdN=1152.6
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sdE=1757.5
fwE=1.87
20260531T210257.0001.fits
SecZ=1.26
Focus=-6.556
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.2 12.6 13.6
ALT/AZ=52.6 94.5
fwAVG=1.87
sdW=2950.6
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sdS=1411.7
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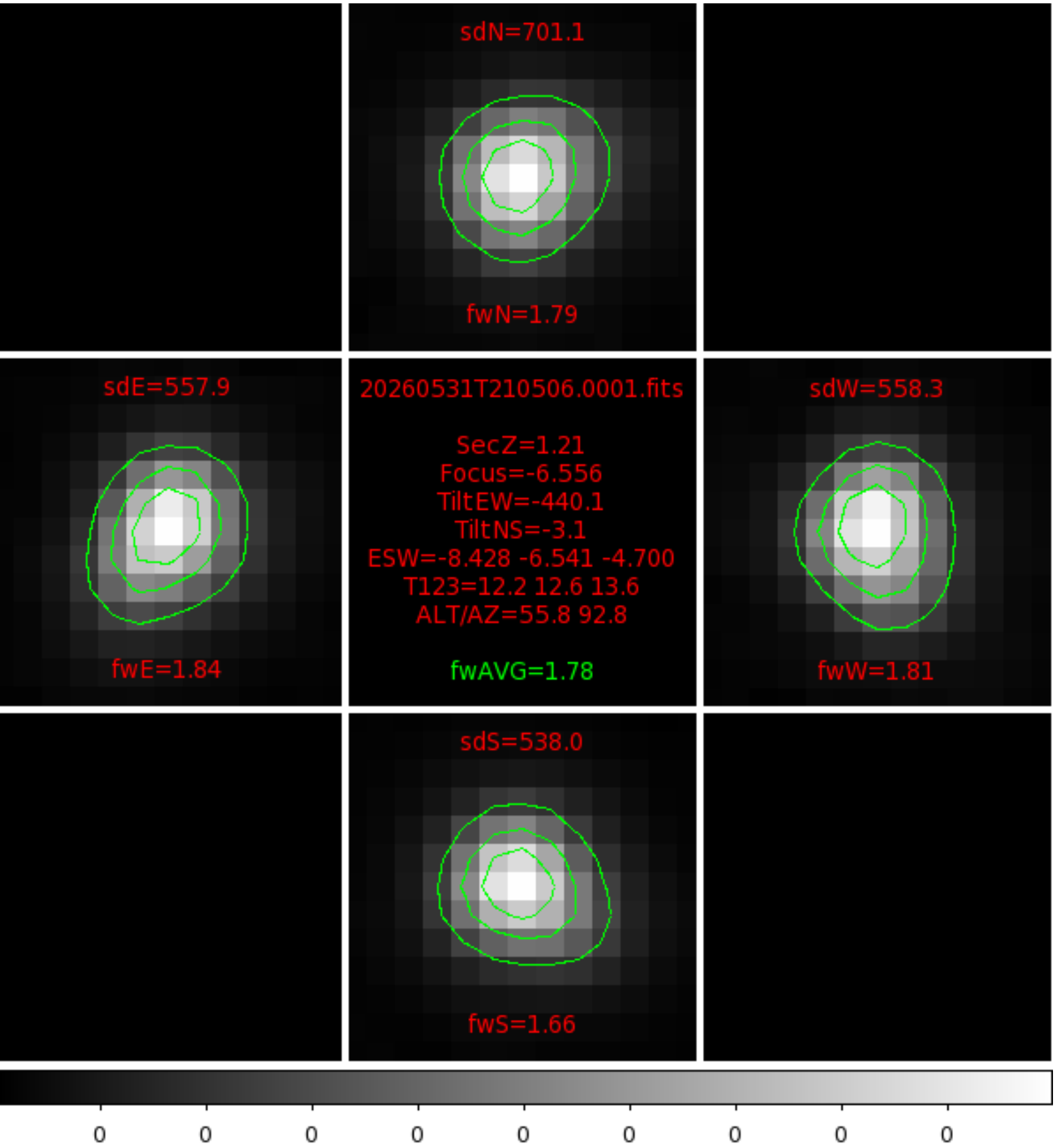
sdN=701.1
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sdE=557.9
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SecZ=1.21
Focus=-6.556
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.2 12.6 13.6
ALT/AZ=55.8 92.8
fwAVG=1.78
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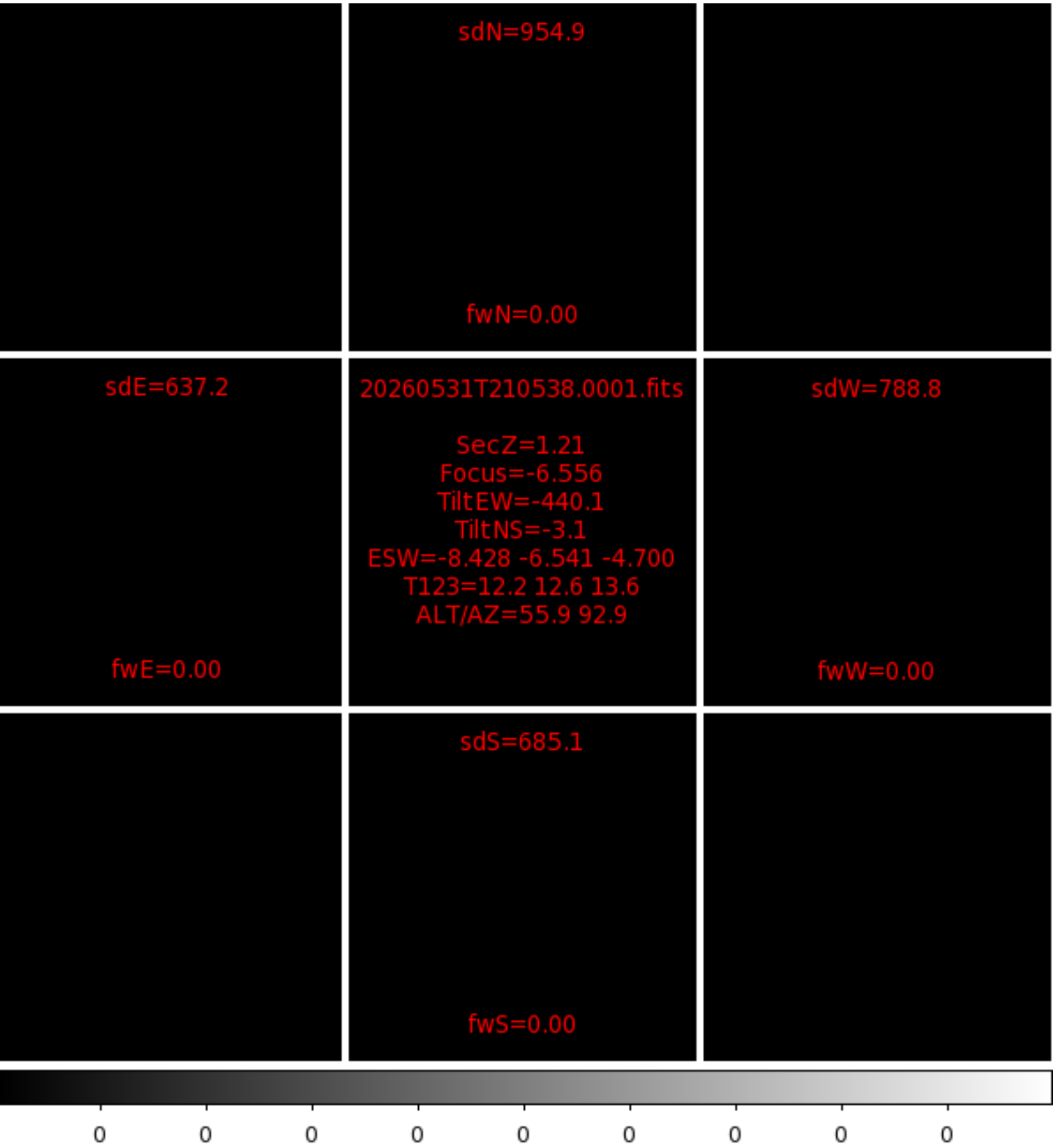
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fwE=0.00
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SecZ=1.21
Focus=-6.556
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.2 12.6 13.6
ALT/AZ=55.9 92.9
sdW=788.8
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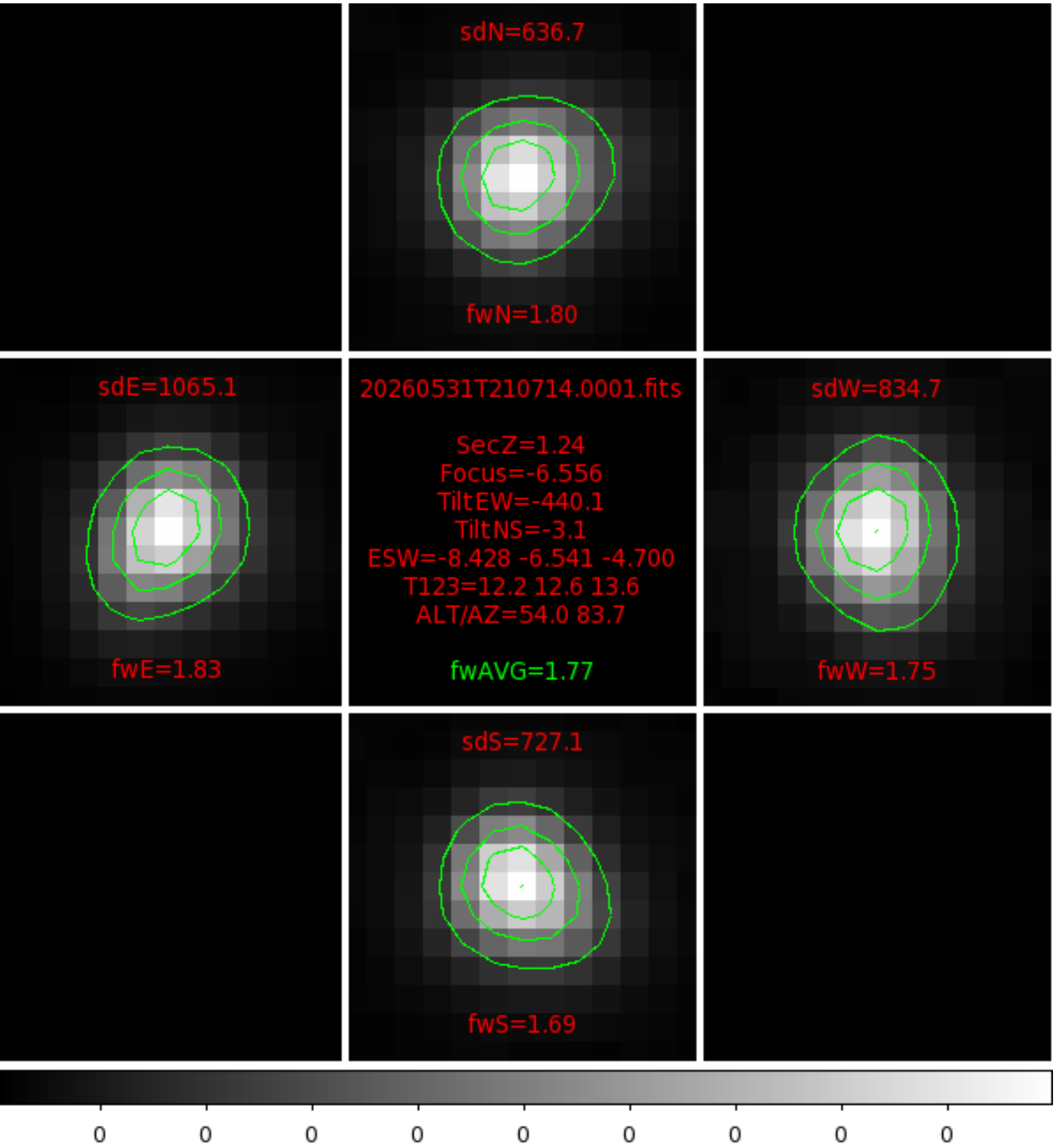
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SecZ=1.24
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.2 12.6 13.6
ALT/AZ=54.0 83.7
fwAVG=1.77
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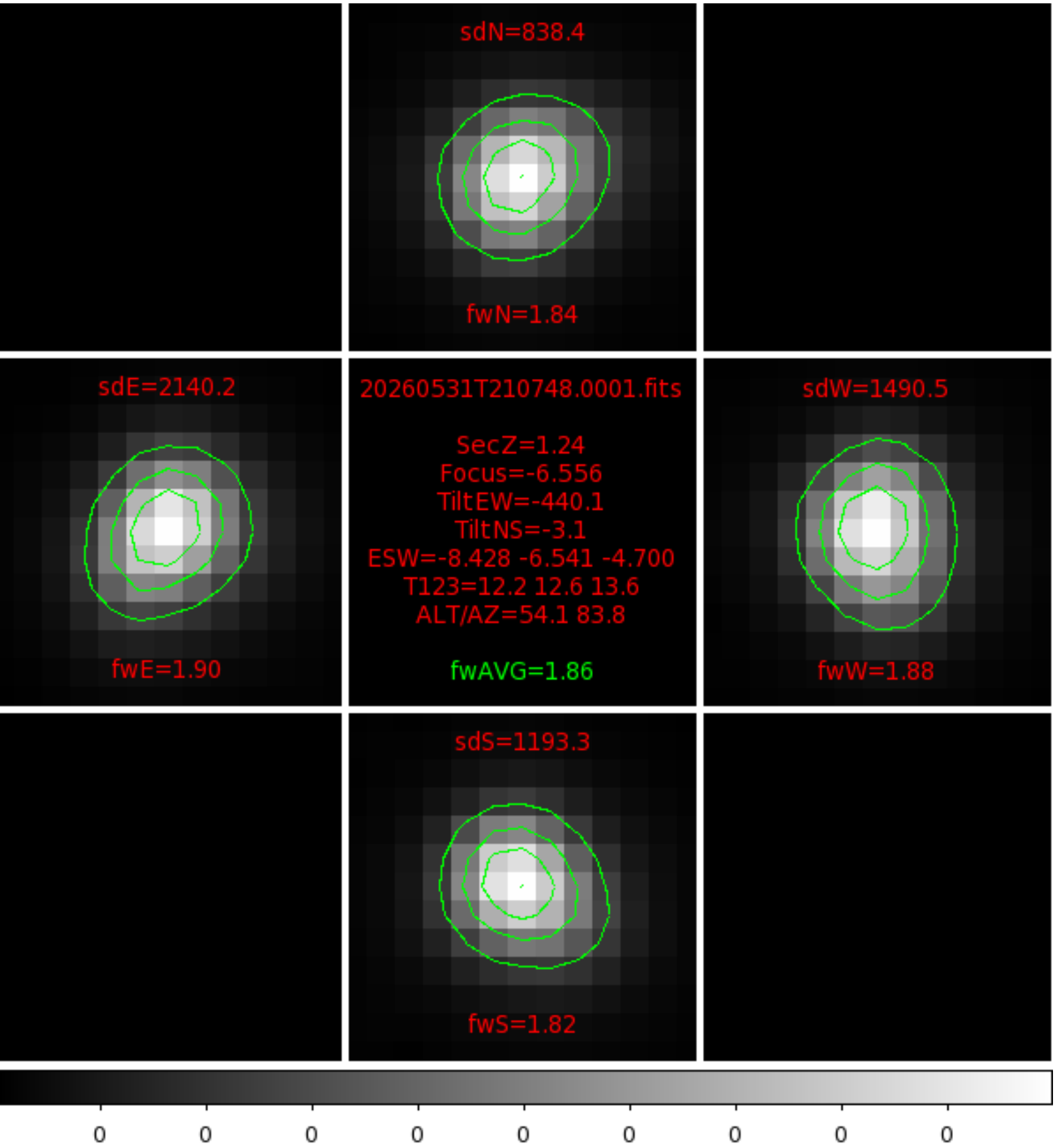
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SecZ=1.24
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ESW=-8.428 -6.541 -4.700
T123=12.2 12.6 13.6
ALT/AZ=54.1 83.8
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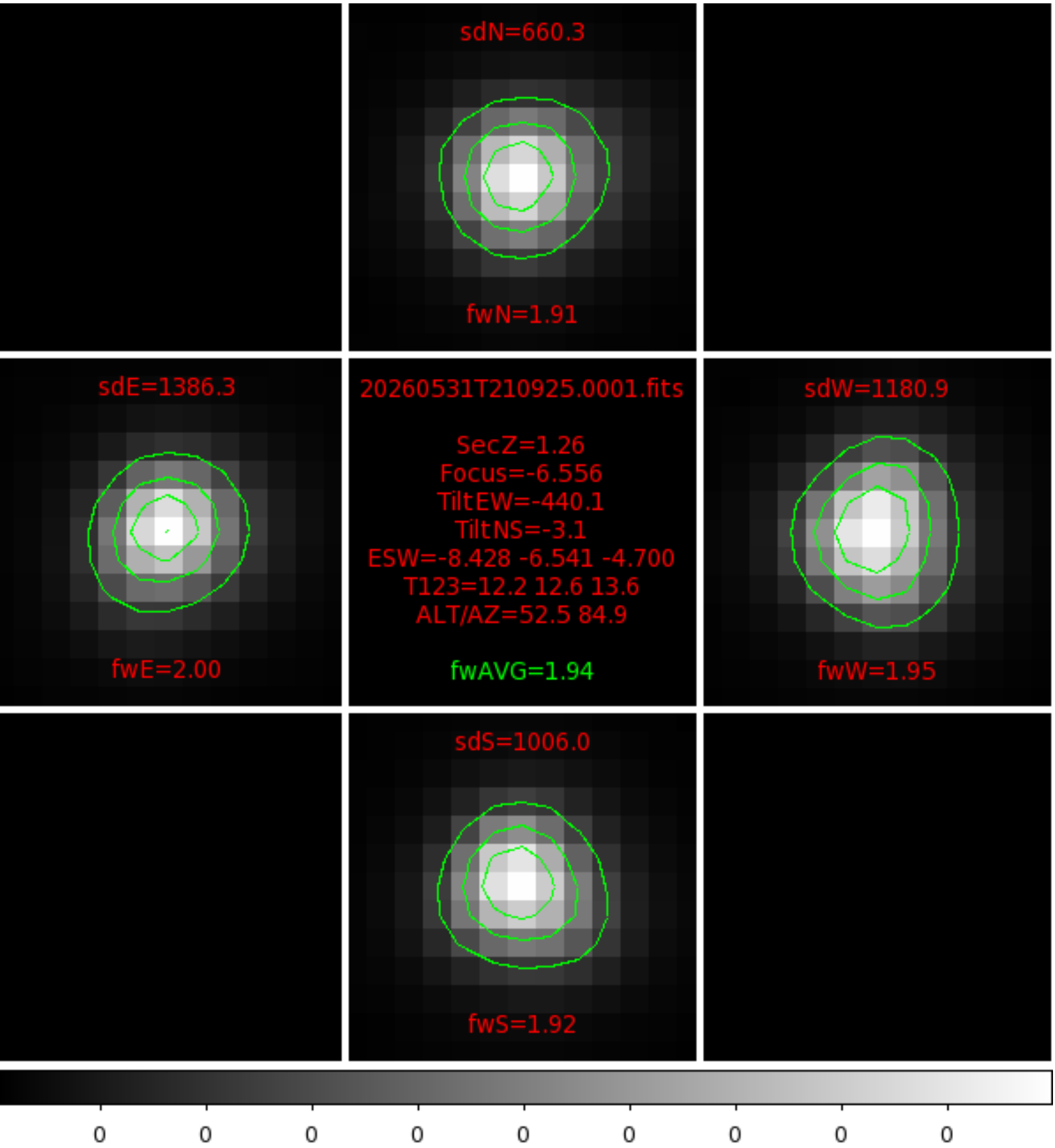
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.2 12.6 13.6
ALT/AZ=52.5 84.9
fwAVG=1.94
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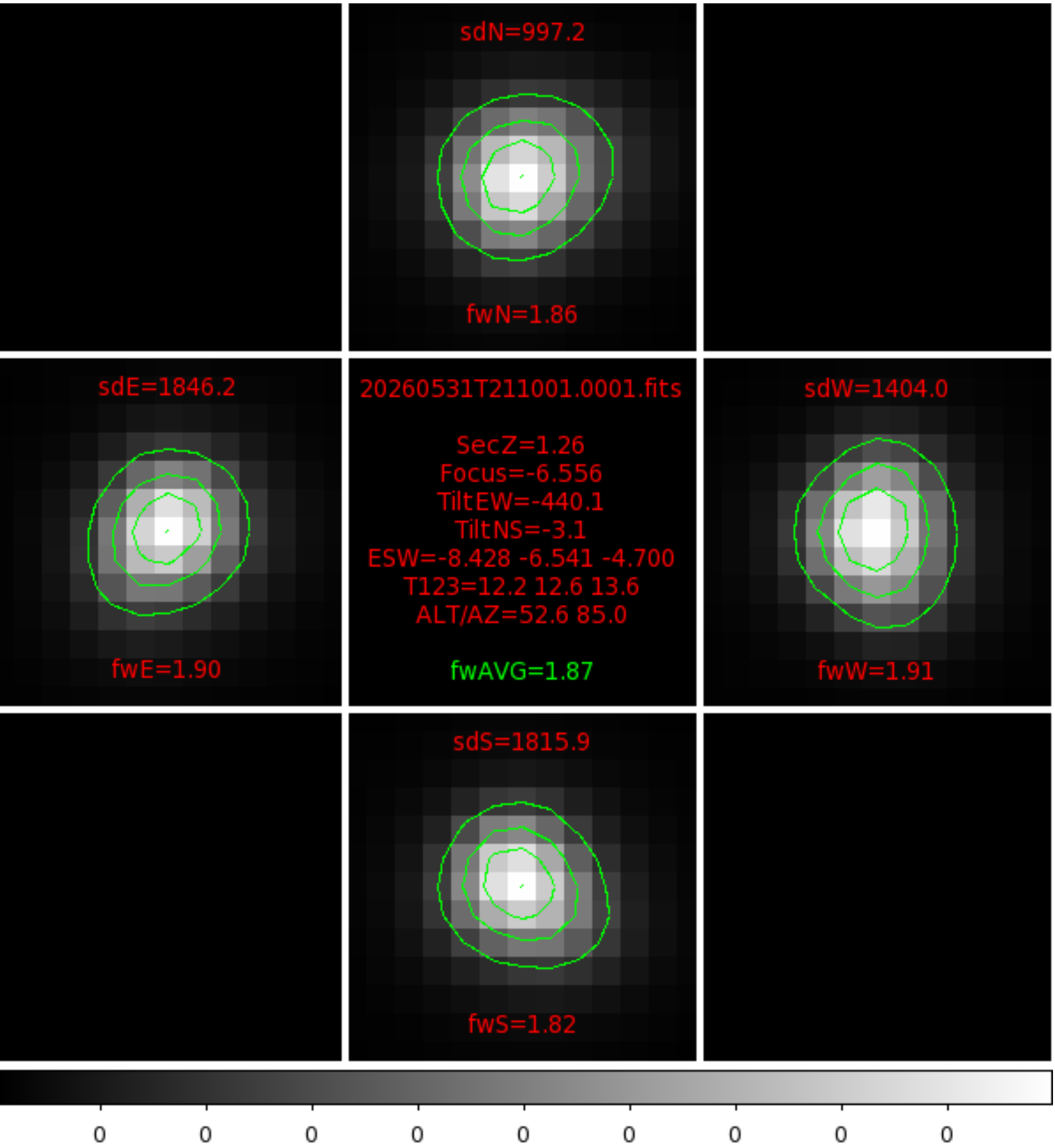
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SecZ=1.26
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.2 12.6 13.6
ALT/AZ=52.6 85.0
fwAVG=1.87
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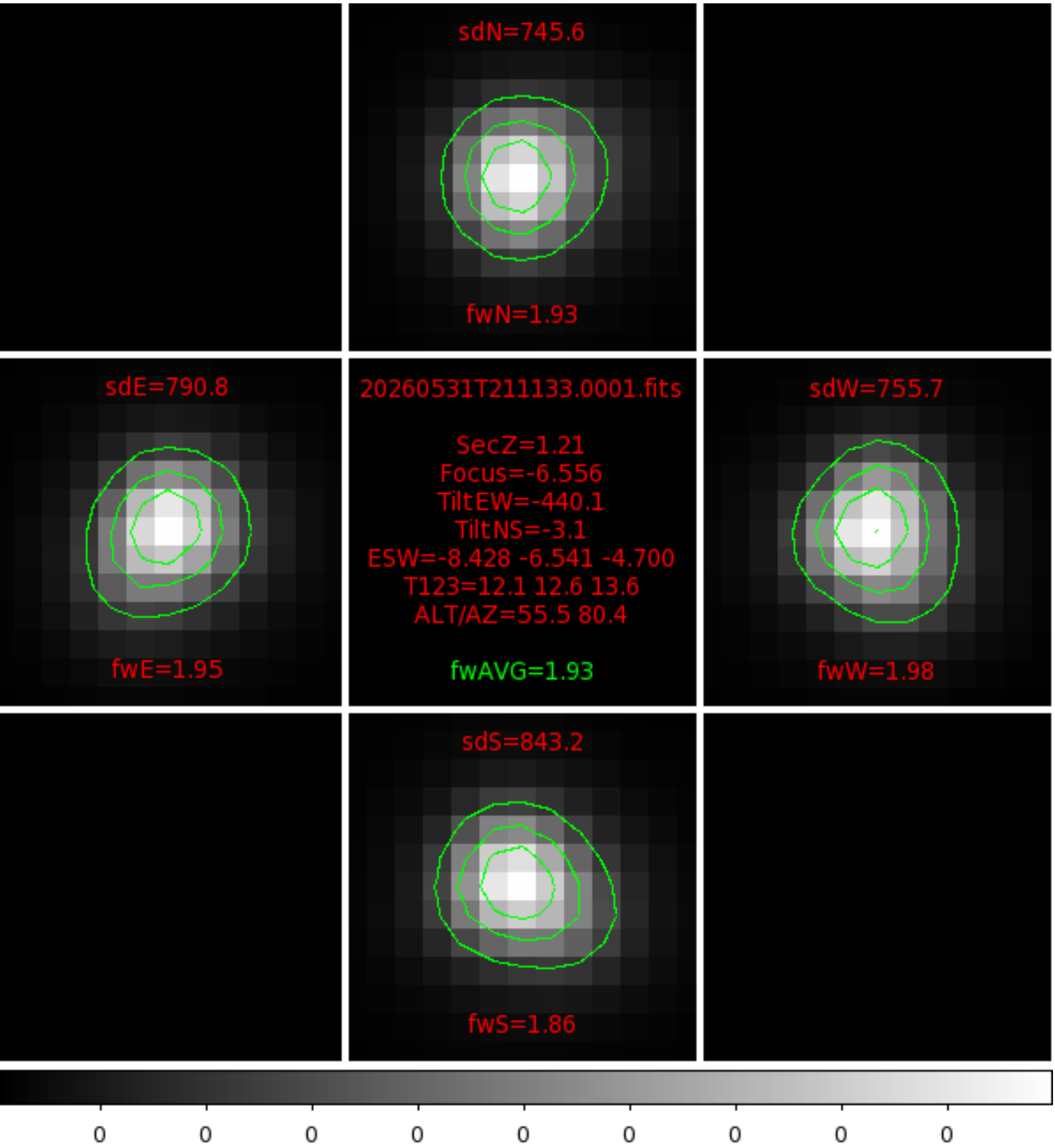
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SecZ=1.21
Focus=-6.556
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.1 12.6 13.6
ALT/AZ=55.5 80.4
fwAVG=1.93
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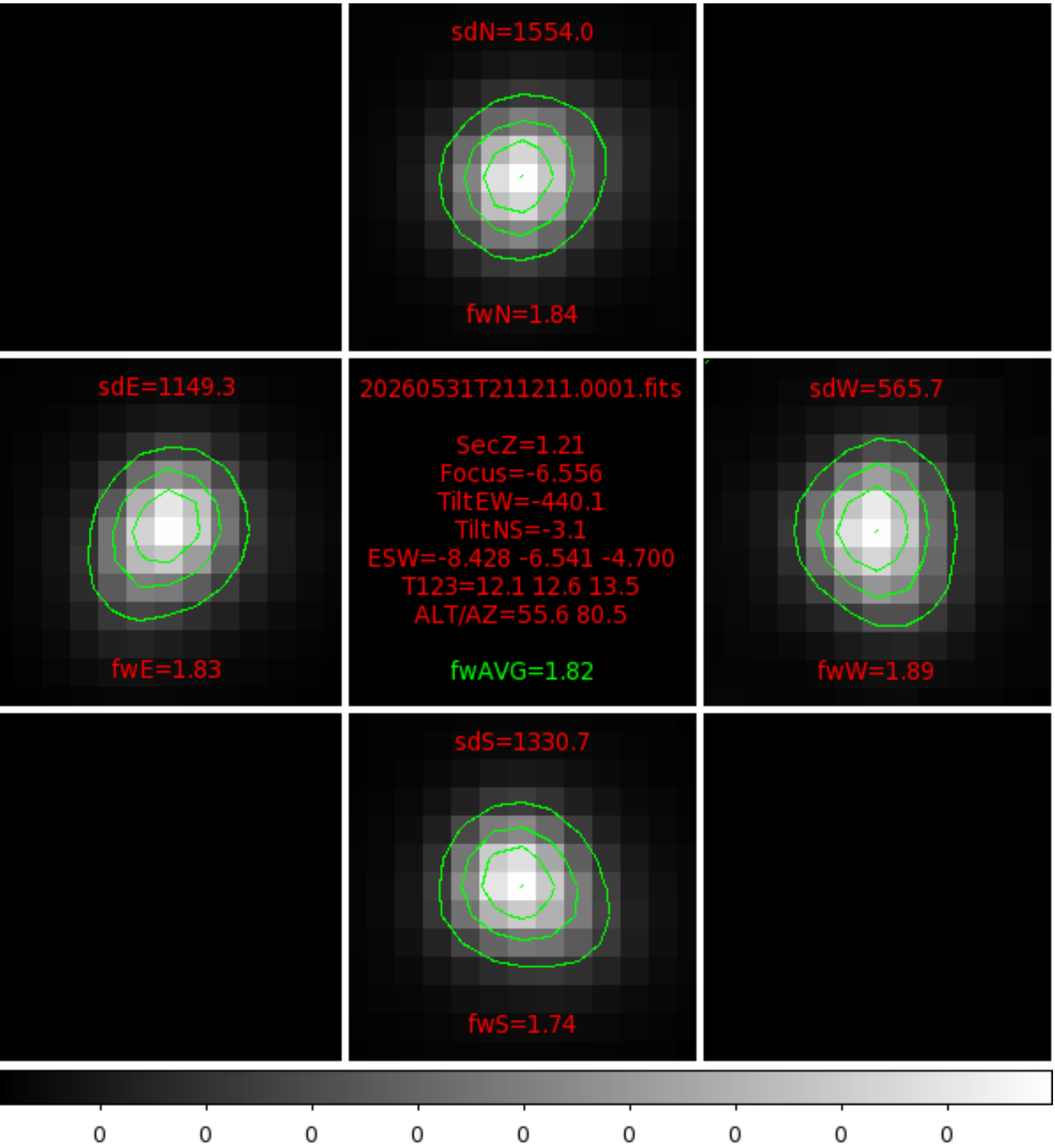
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SecZ=1.21
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TiltNS=-3.1
ESW=-8.428 -6.541 -4.700
T123=12.1 12.6 13.5
ALT/AZ=55.6 80.5
fwAVG=1.82
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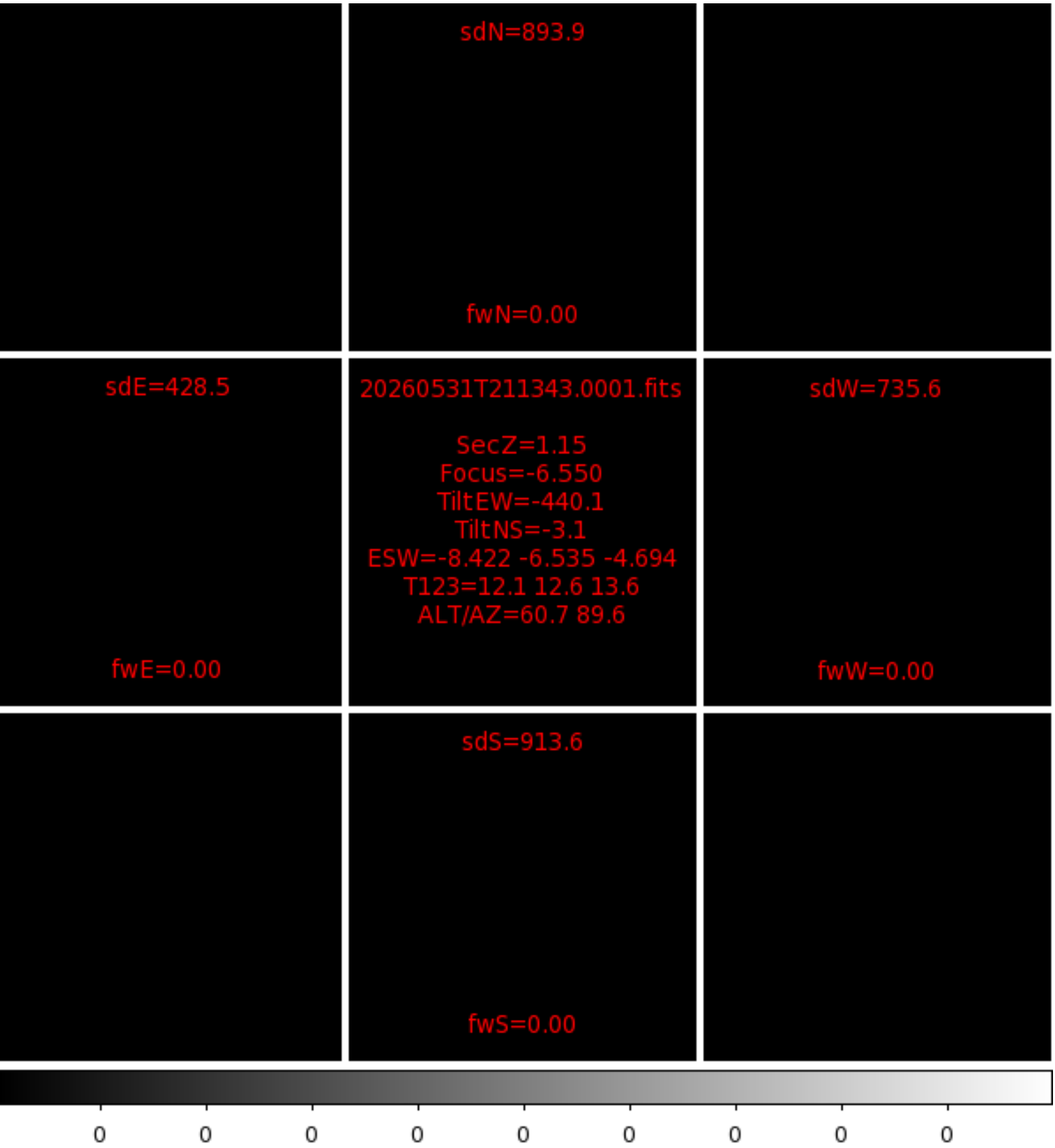
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SecZ=1.15
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.422 -6.535 -4.694
T123=12.1 12.6 13.6
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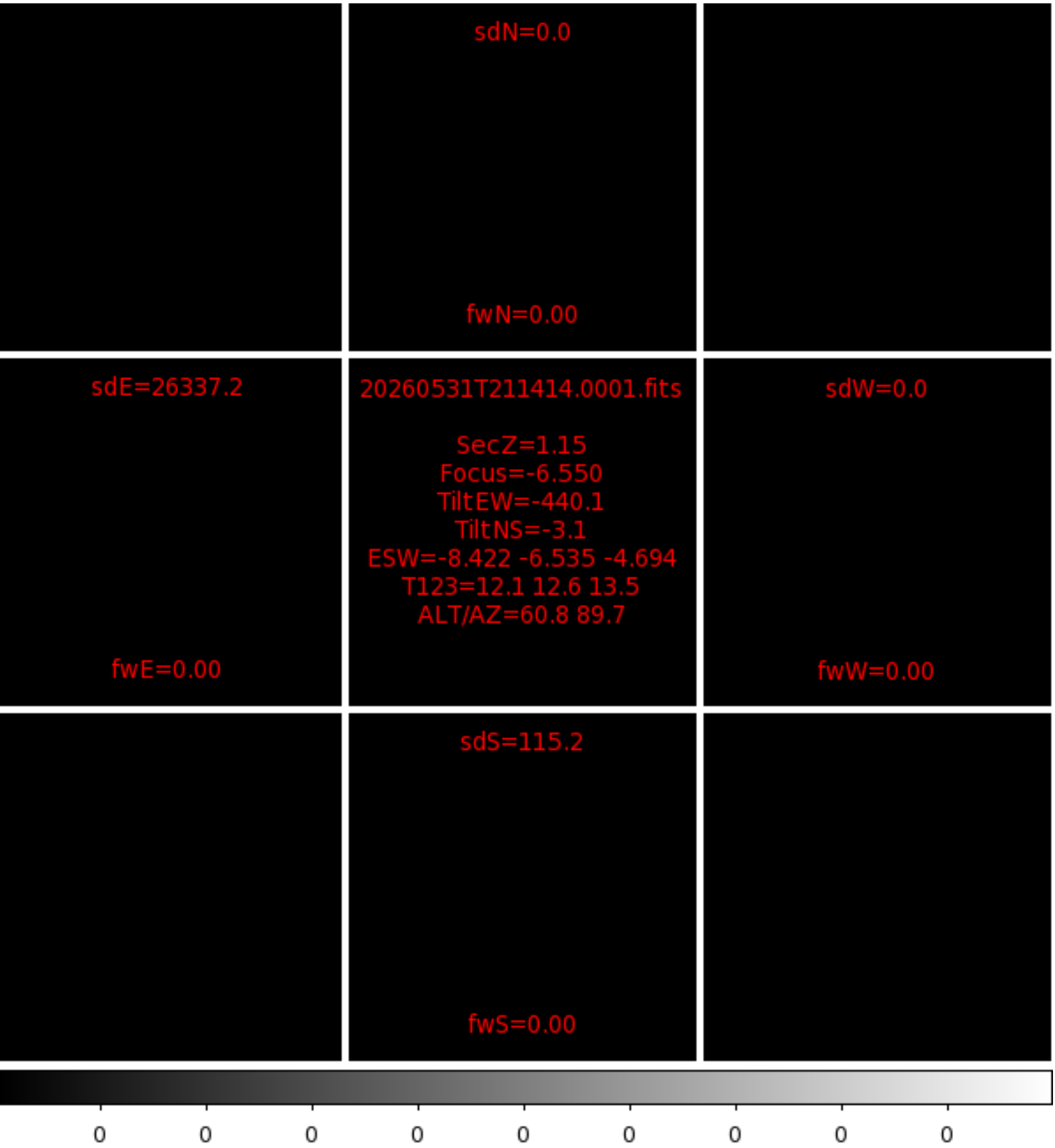
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SecZ=1.15
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TiltNS=-3.1
ESW=-8.422 -6.535 -4.694
T123=12.1 12.6 13.5
ALT/AZ=60.8 89.7
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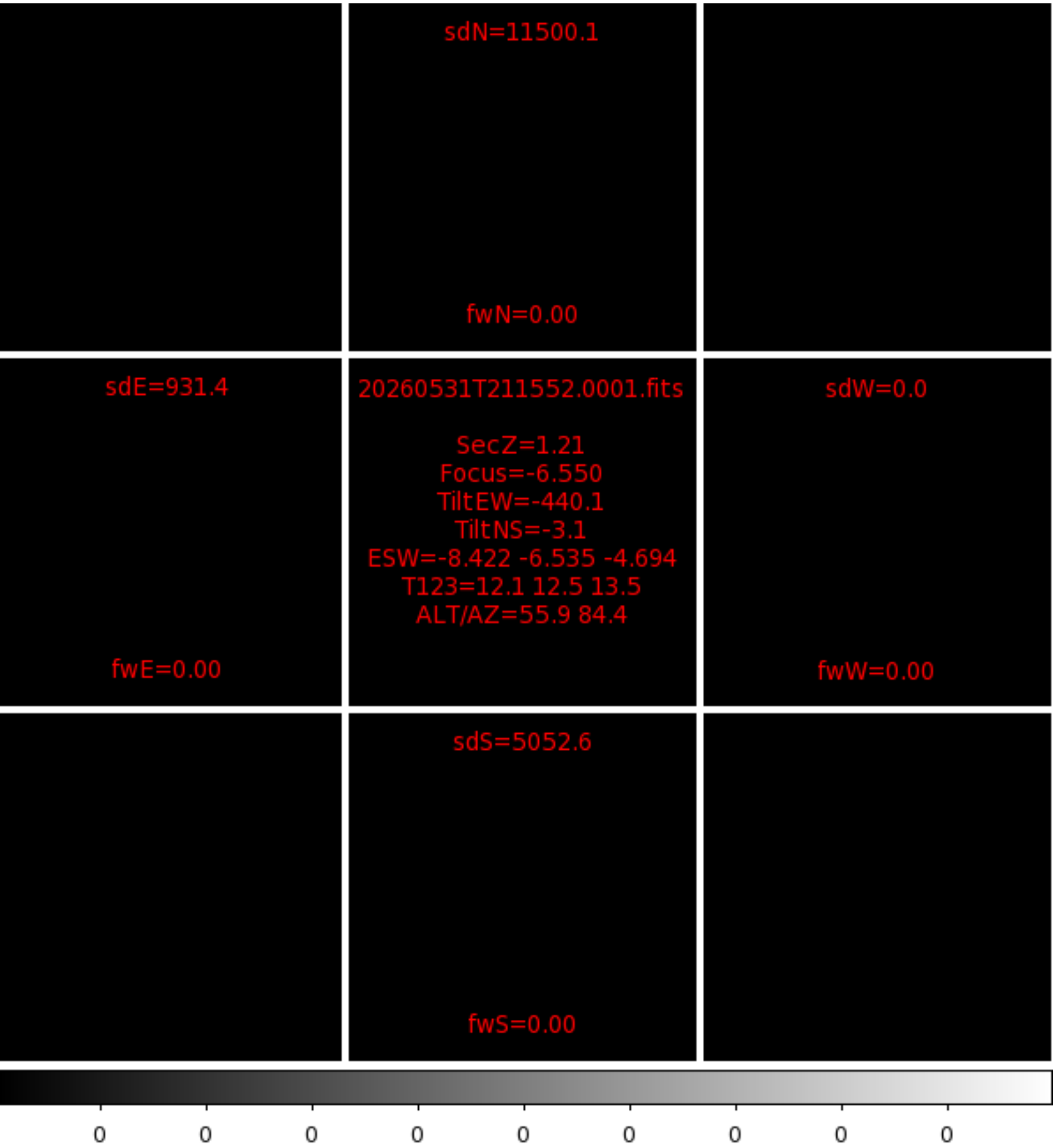
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20260531T211552.0001.fits
SecZ=1.21
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TiltNS=-3.1
ESW=-8.422 -6.535 -4.694
T123=12.1 12.5 13.5
ALT/AZ=55.9 84.4
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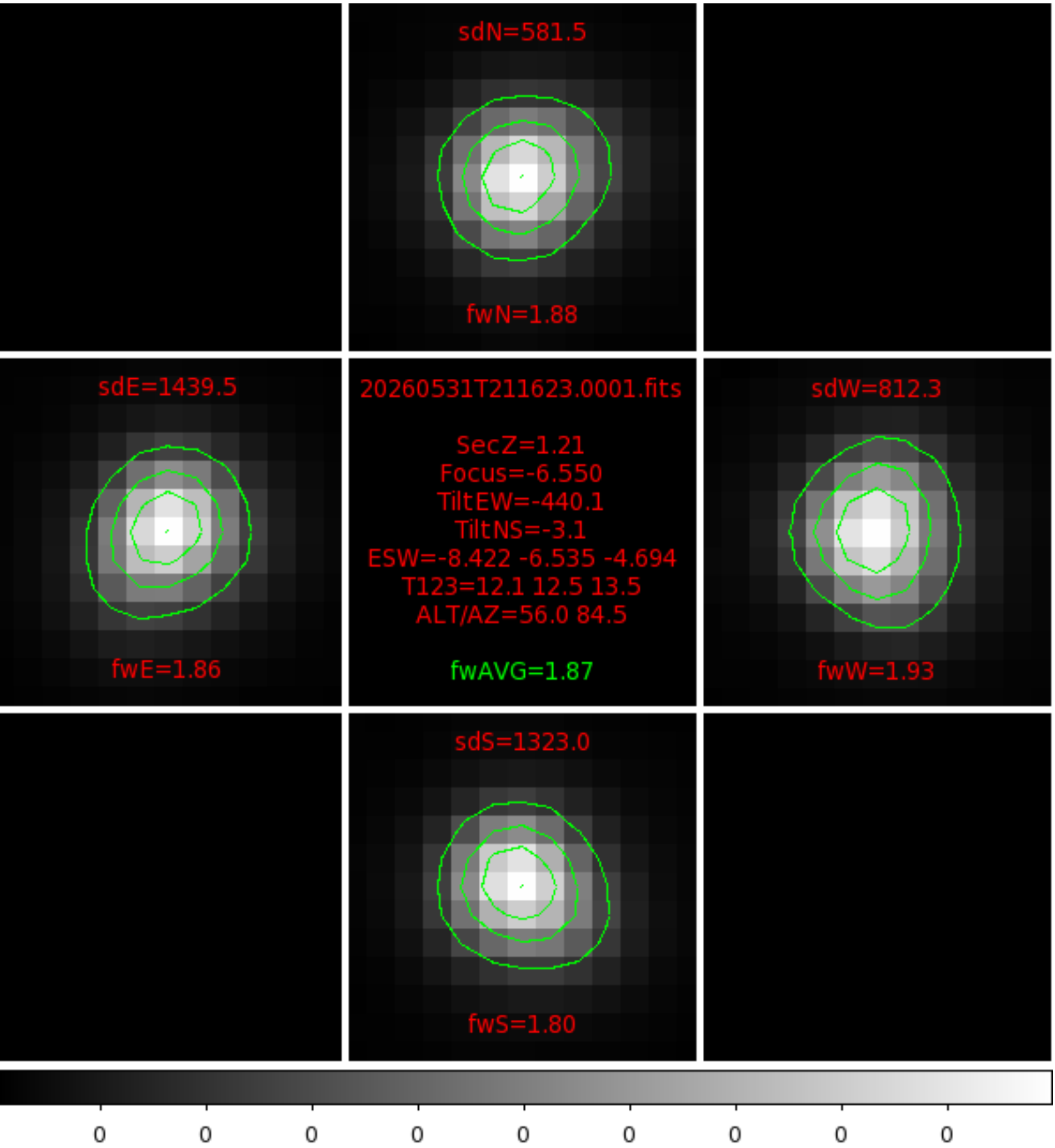
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sdE=1439.5
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SecZ=1.21
Focus=-6.550
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ESW=-8.422 -6.535 -4.694
T123=12.1 12.5 13.5
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fwAVG=1.87
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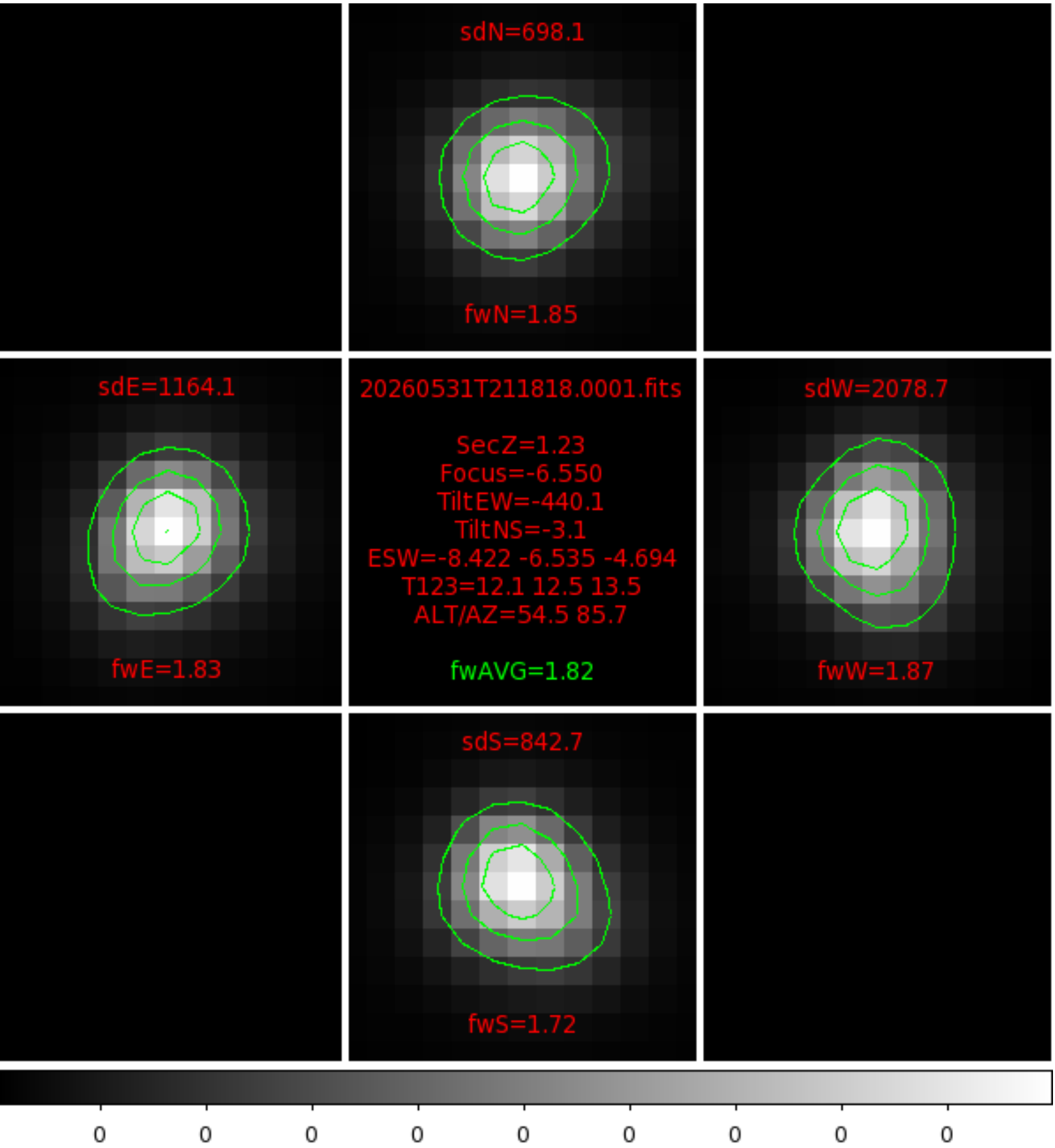
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TiltNS=-3.1
ESW=-8.422 -6.535 -4.694
T123=12.1 12.5 13.5
ALT/AZ=54.5 85.7
fwAVG=1.82
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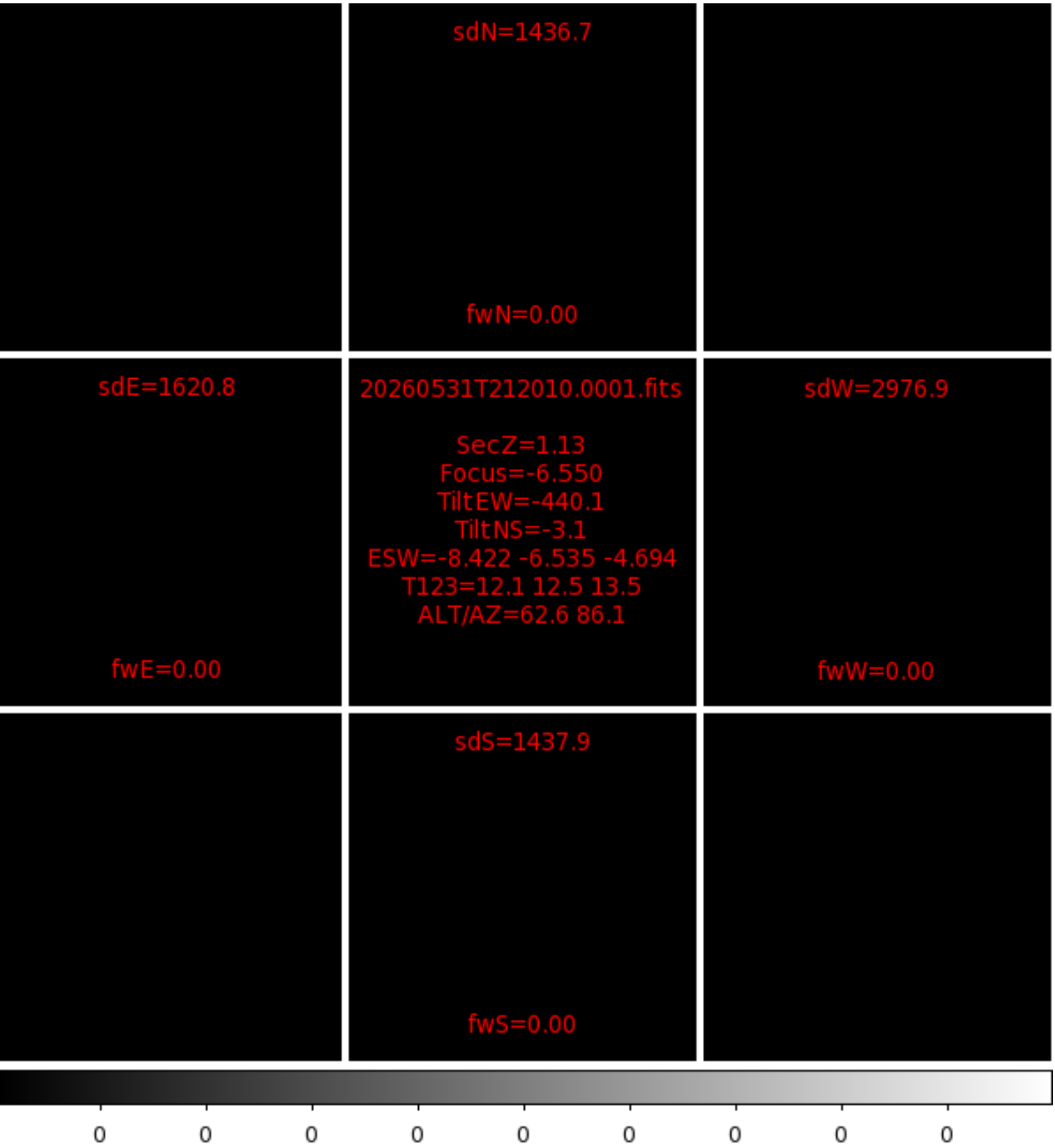
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SecZ=1.13
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TiltNS=-3.1
ESW=-8.422 -6.535 -4.694
T123=12.1 12.5 13.5
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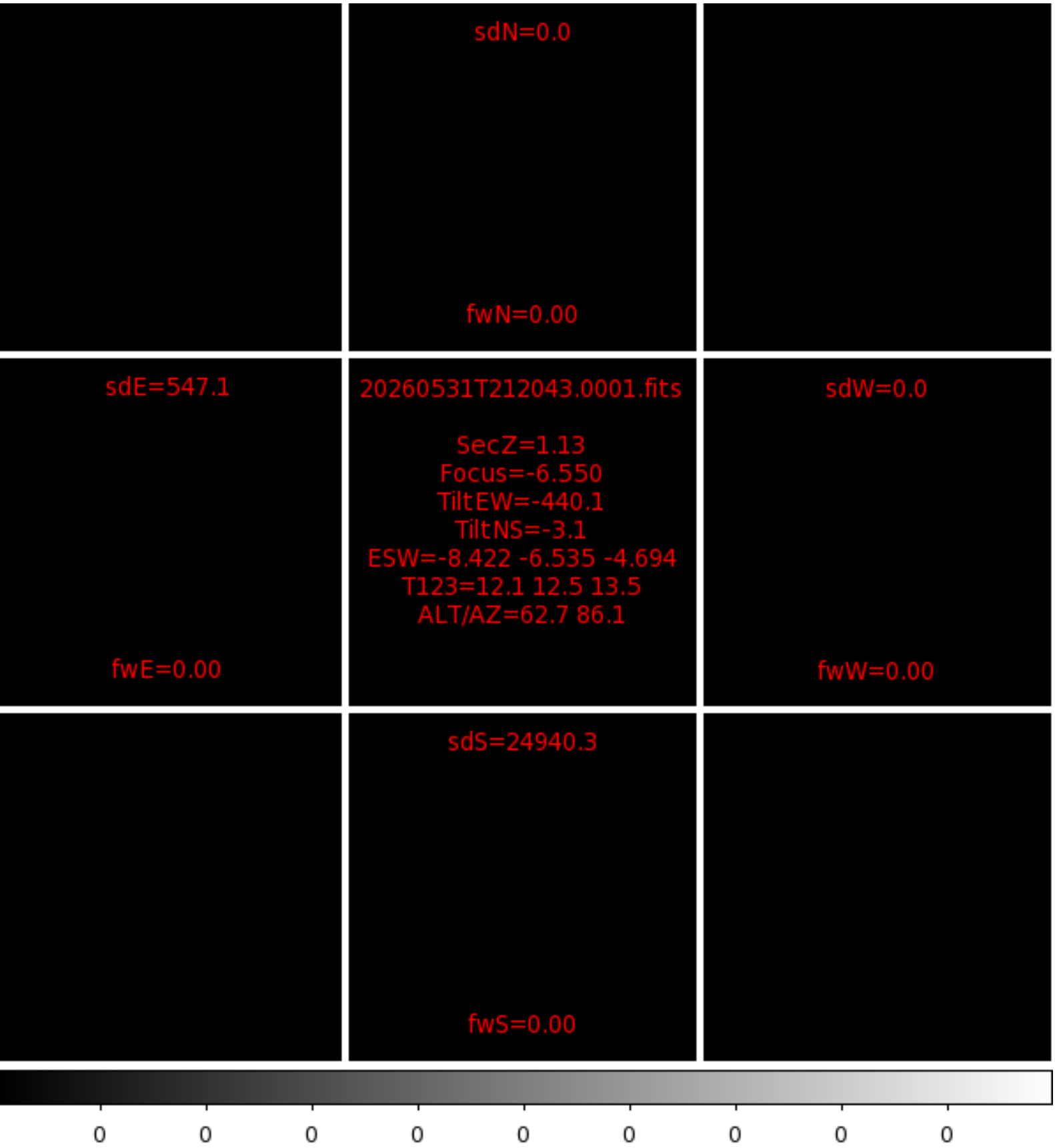
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TiltNS=-3.1
ESW=-8.422 -6.535 -4.694
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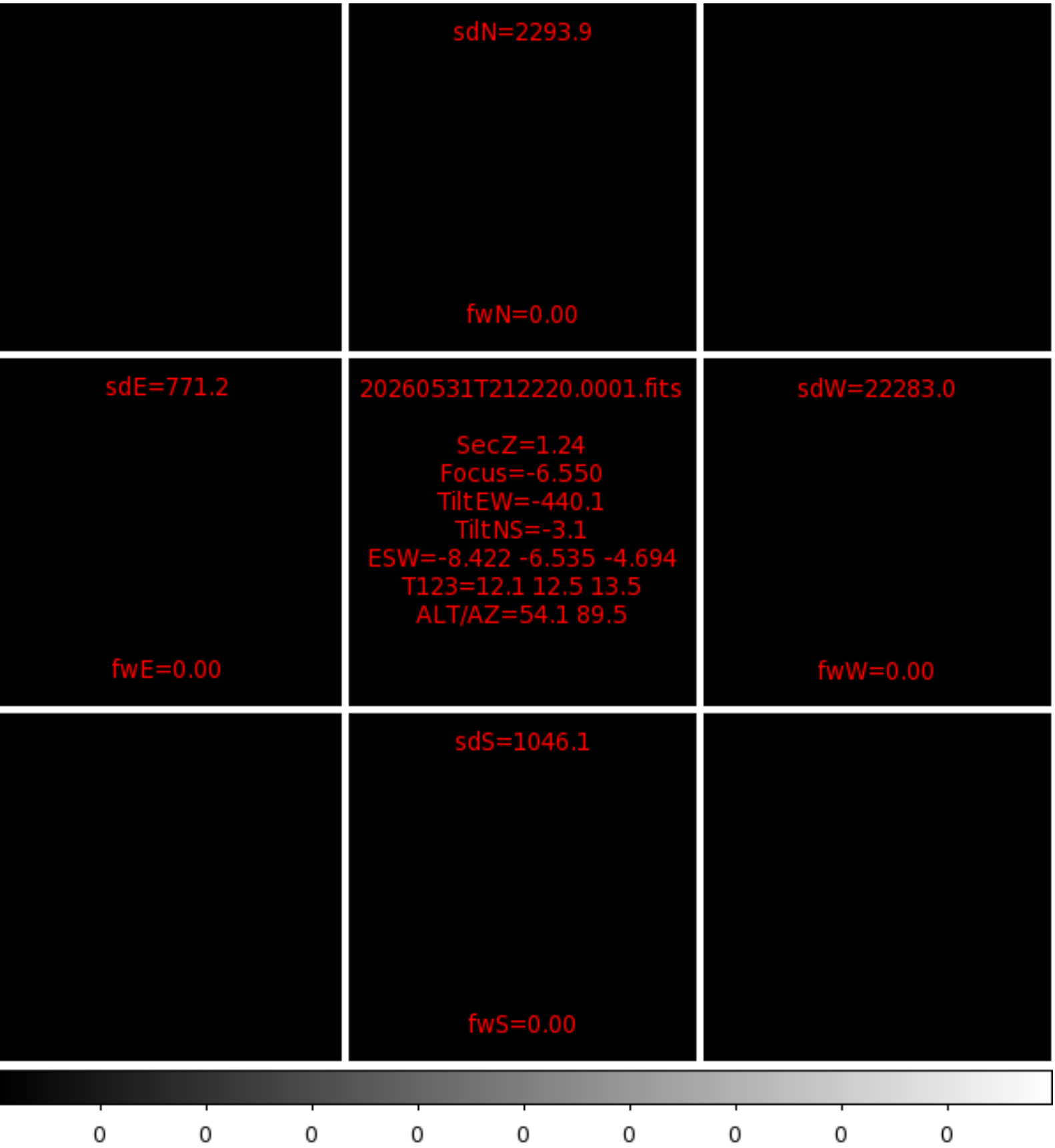
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TiltNS=-3.1
ESW=-8.422 -6.535 -4.694
T123=12.1 12.5 13.5
ALT/AZ=54.1 89.5
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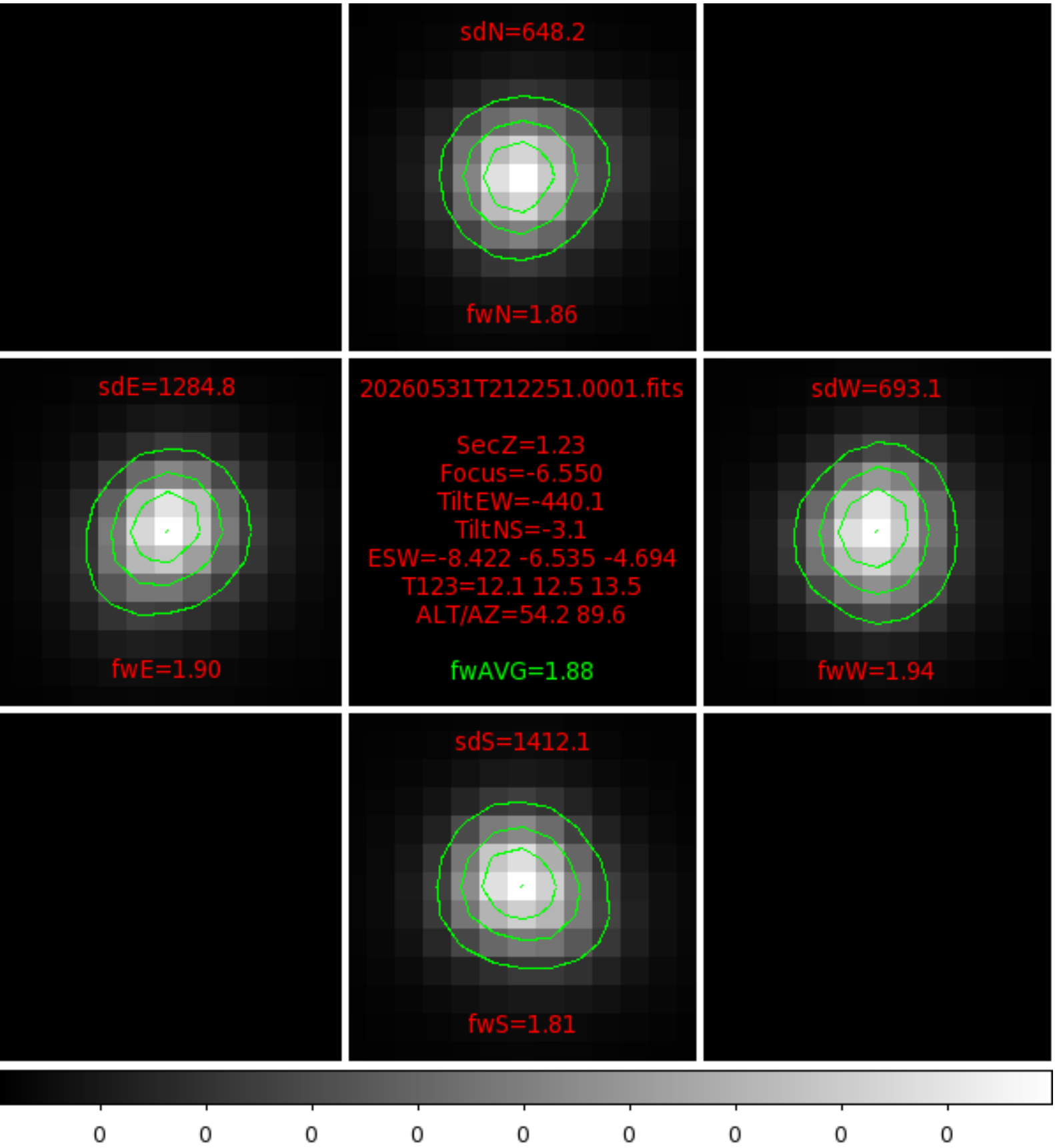
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SecZ=1.23
Focus=-6.550
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.422 -6.535 -4.694
T123=12.1 12.5 13.5
ALT/AZ=54.2 89.6
fwAVG=1.88
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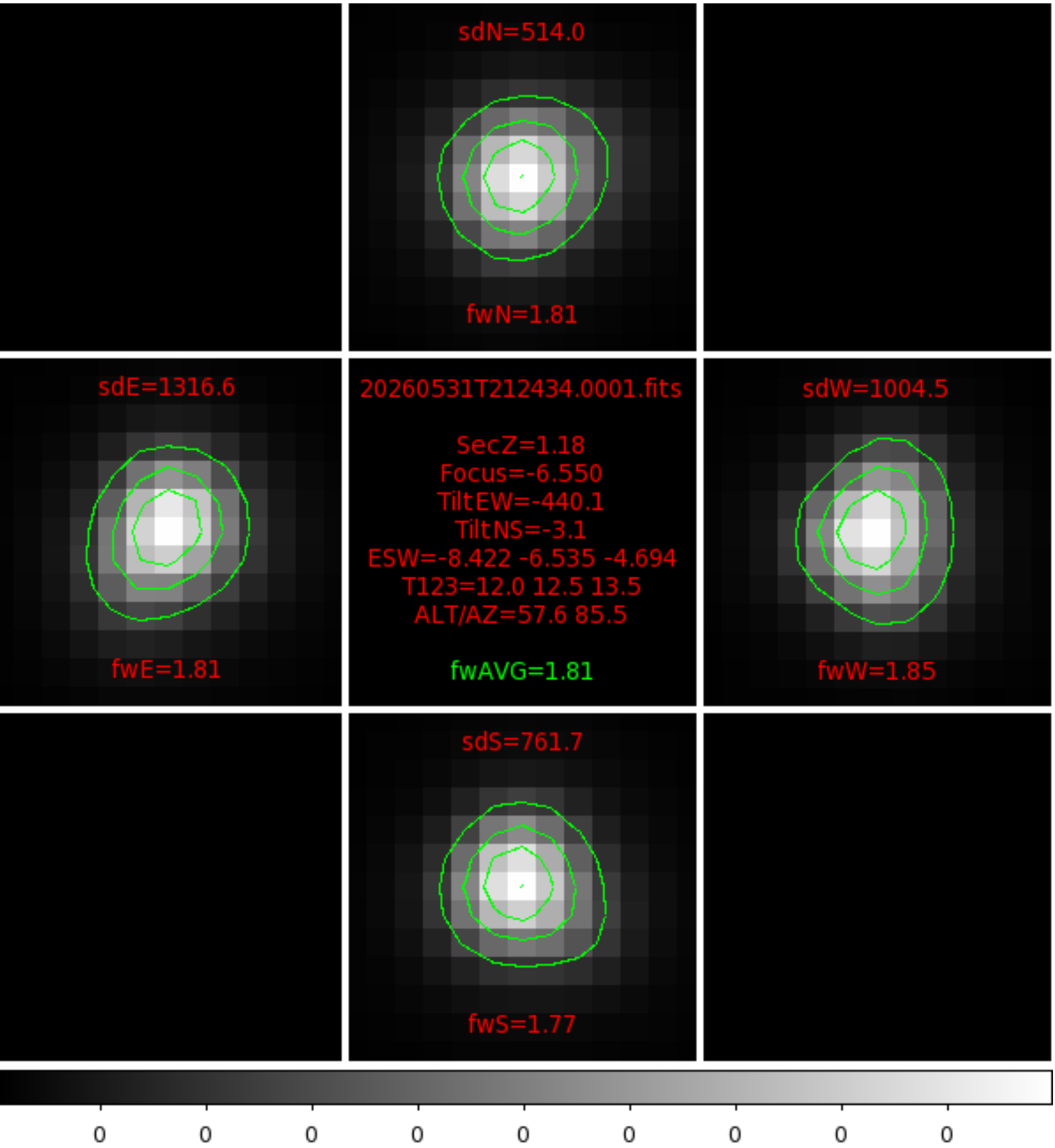
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TiltNS=-3.1
ESW=-8.422 -6.535 -4.694
T123=12.0 12.5 13.5
ALT/AZ=57.6 85.5
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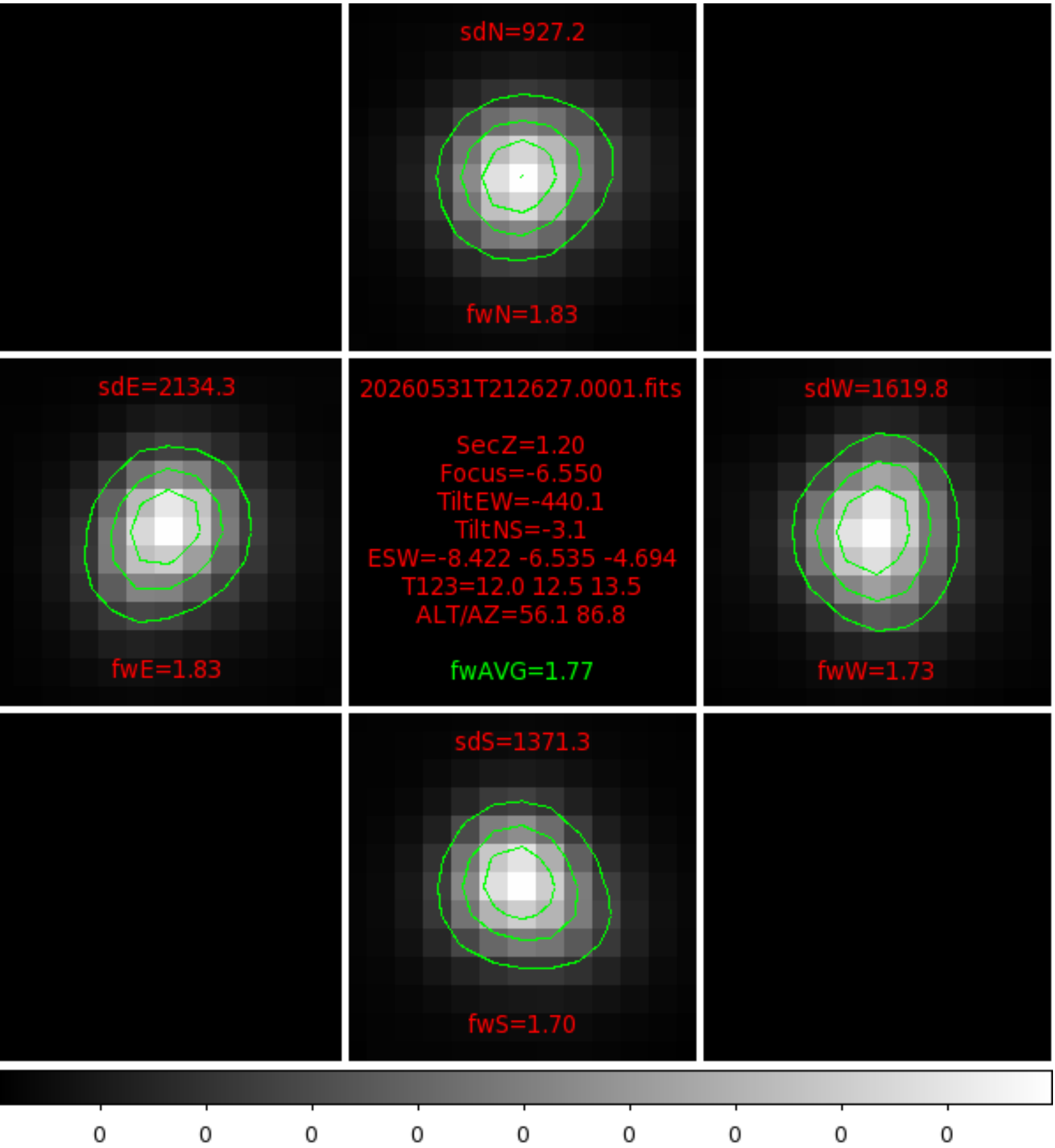
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SecZ=1.20
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TiltNS=-3.1
ESW=-8.422 -6.535 -4.694
T123=12.0 12.5 13.5
ALT/AZ=56.1 86.8
fwAVG=1.77
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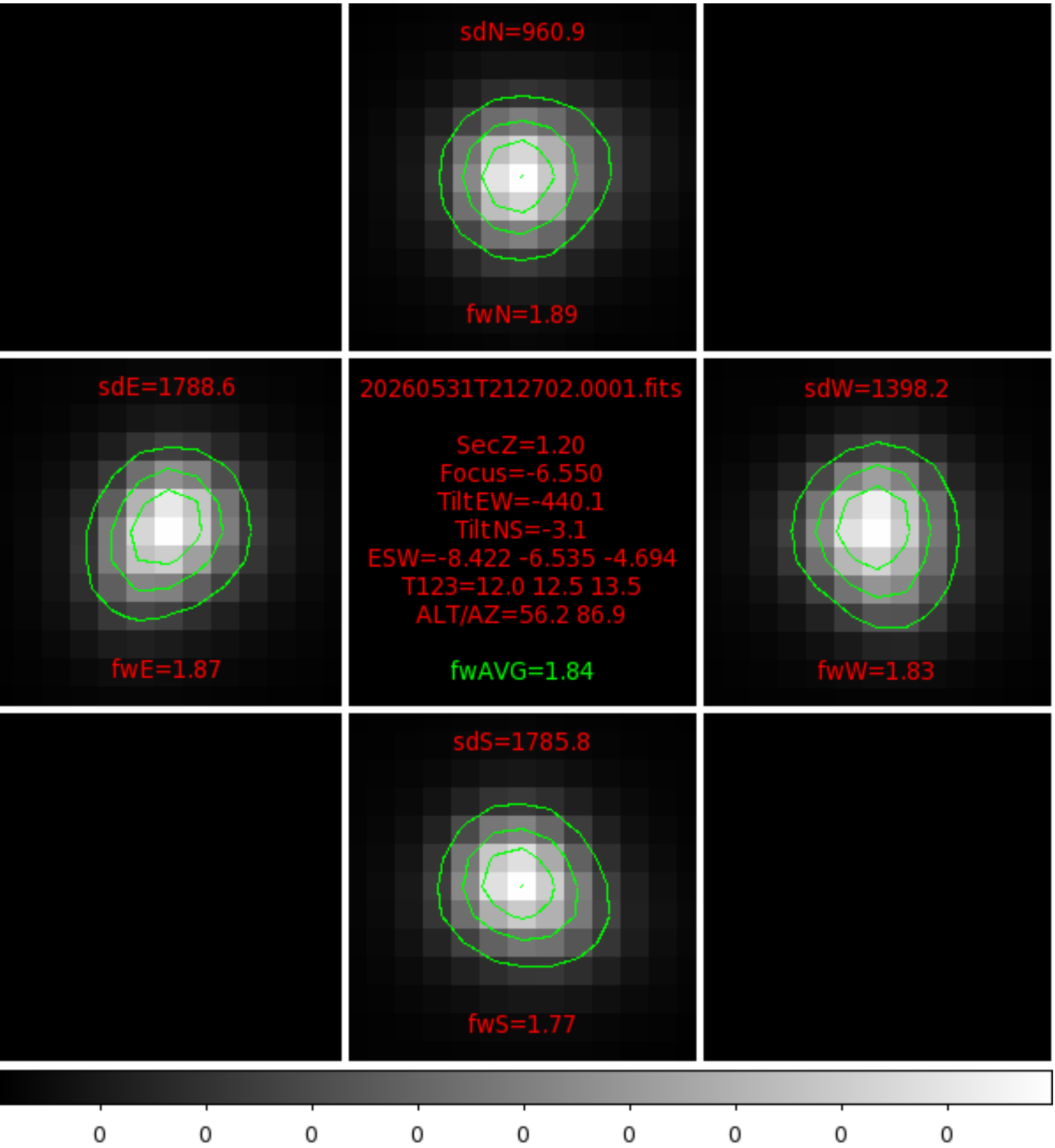
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SecZ=1.20
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TiltNS=-3.1
ESW=-8.422 -6.535 -4.694
T123=12.0 12.5 13.5
ALT/AZ=56.2 86.9
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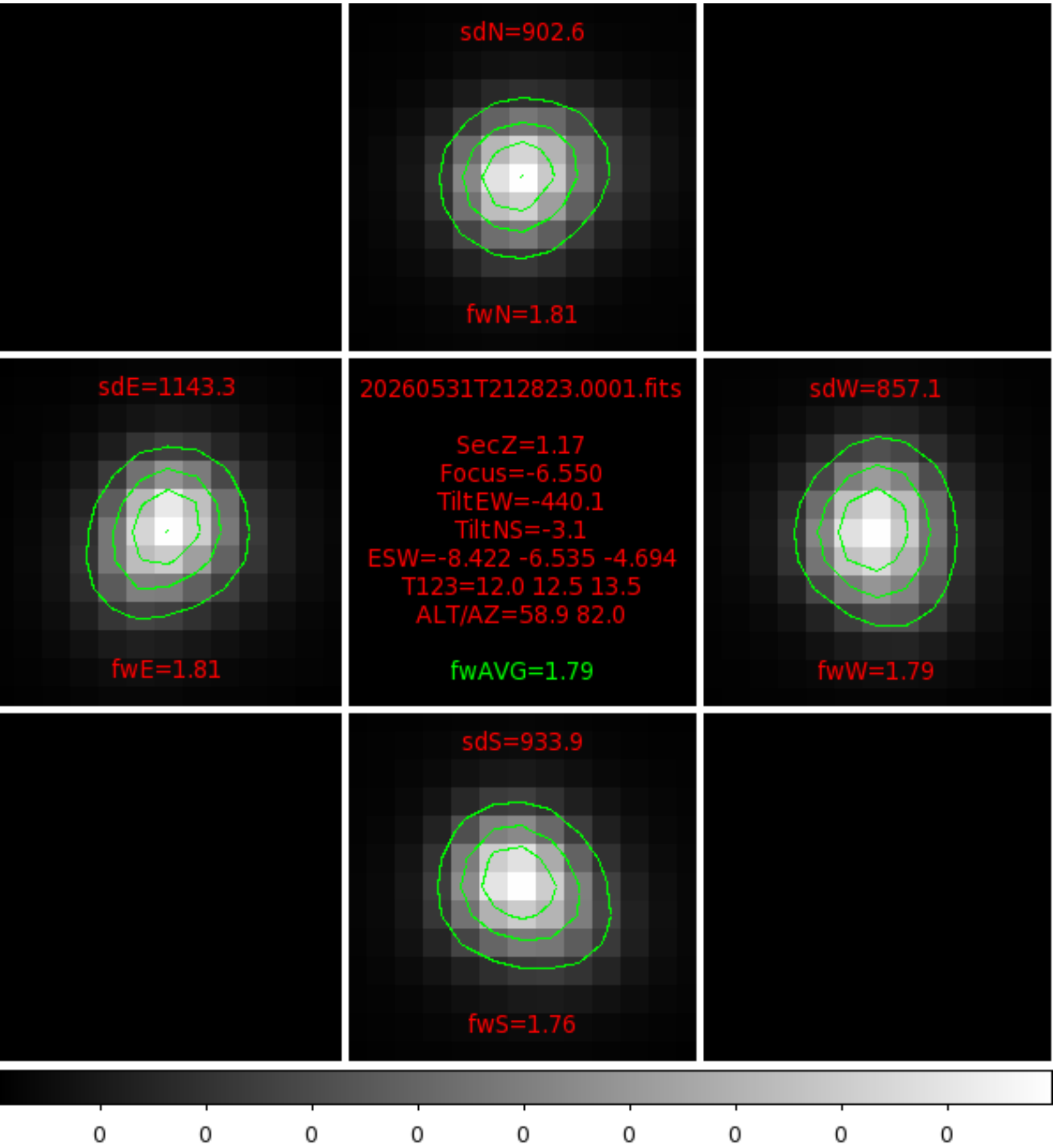
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SecZ=1.17
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.422 -6.535 -4.694
T123=12.0 12.5 13.5
ALT/AZ=58.9 82.0
fwAVG=1.79
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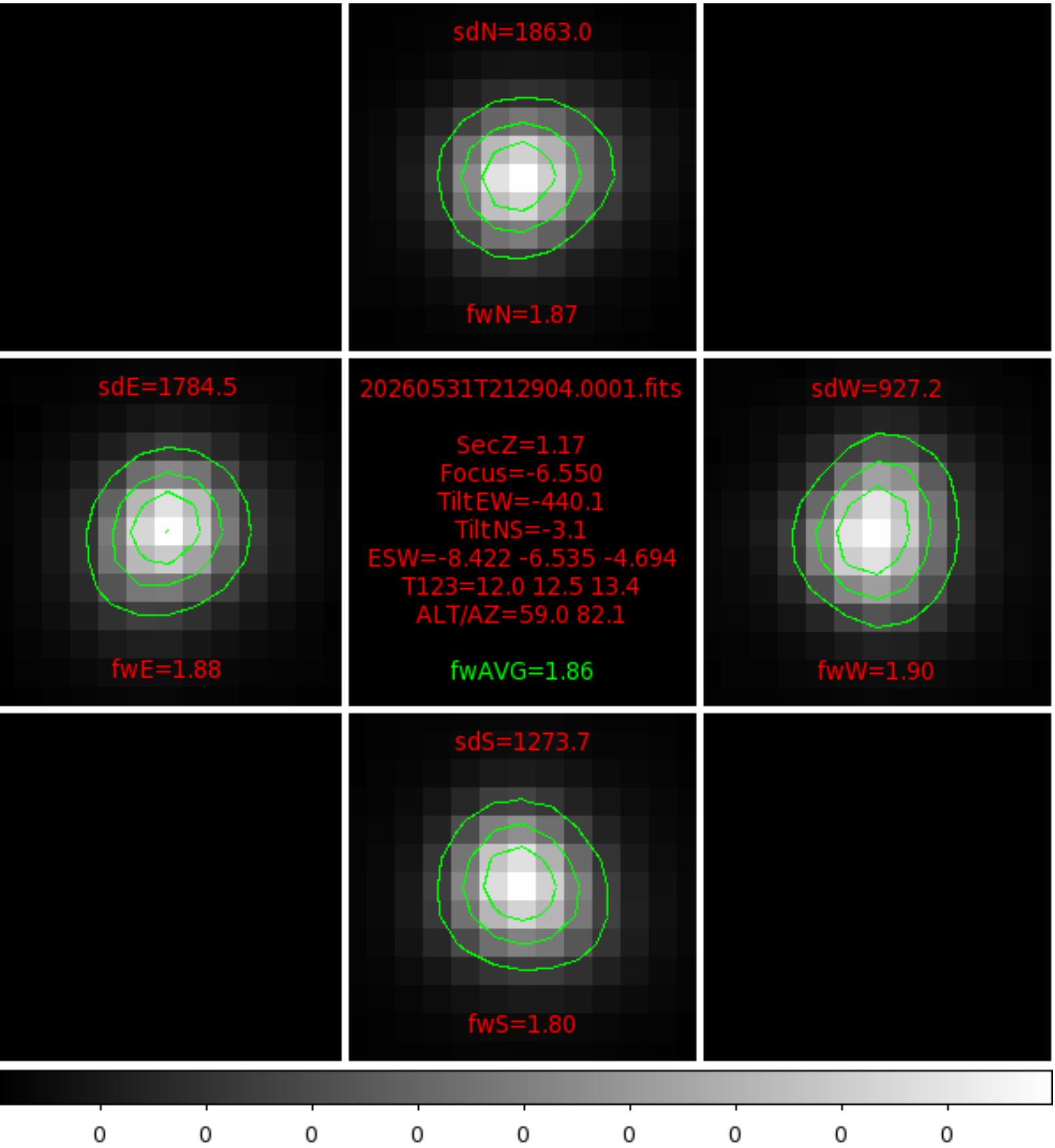
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SecZ=1.17
Focus=-6.550
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.422 -6.535 -4.694
T123=12.0 12.5 13.4
ALT/AZ=59.0 82.1
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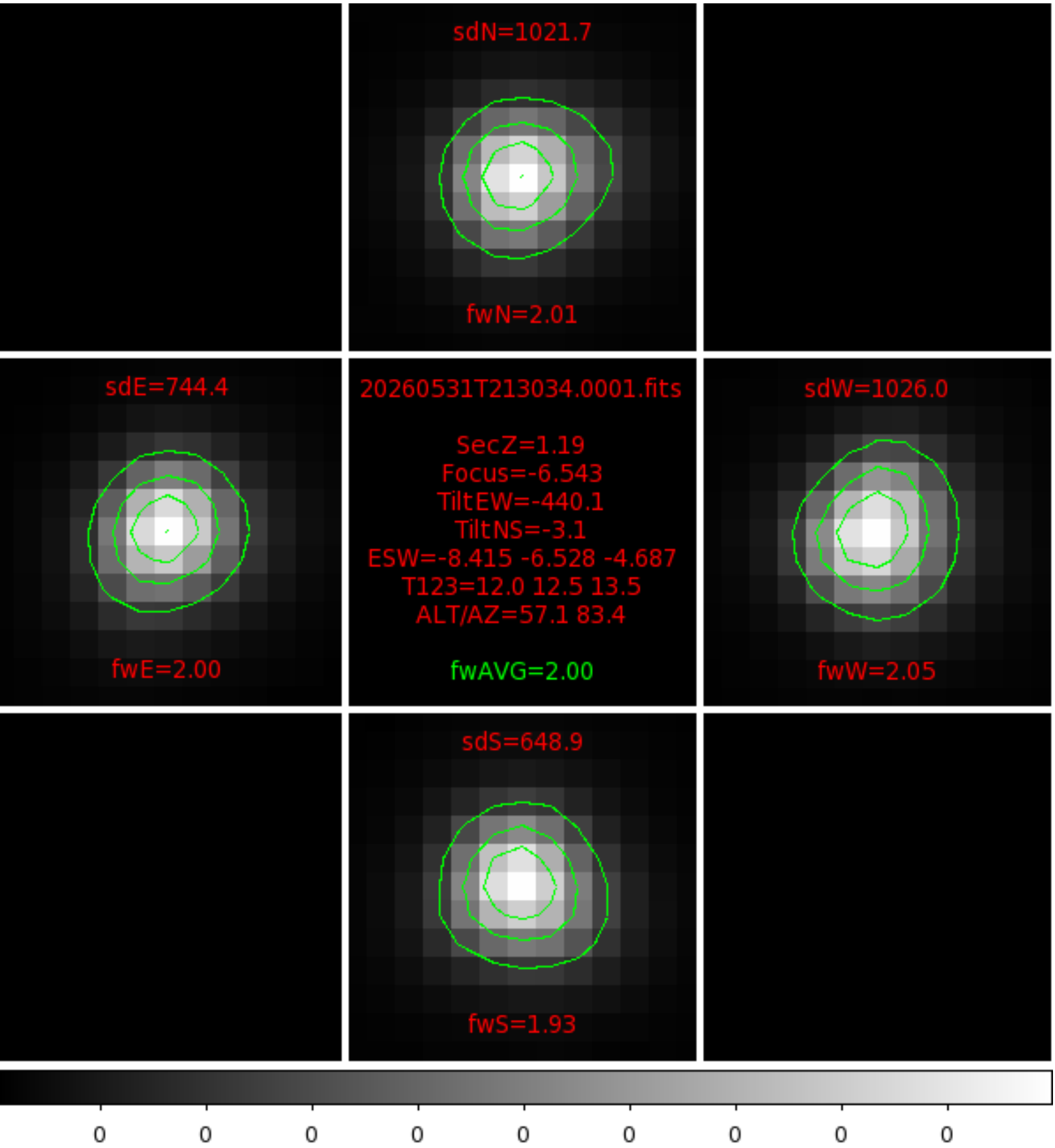
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ESW=-8.415 -6.528 -4.687
T123=12.0 12.5 13.5
ALT/AZ=57.1 83.4
fwAVG=2.00
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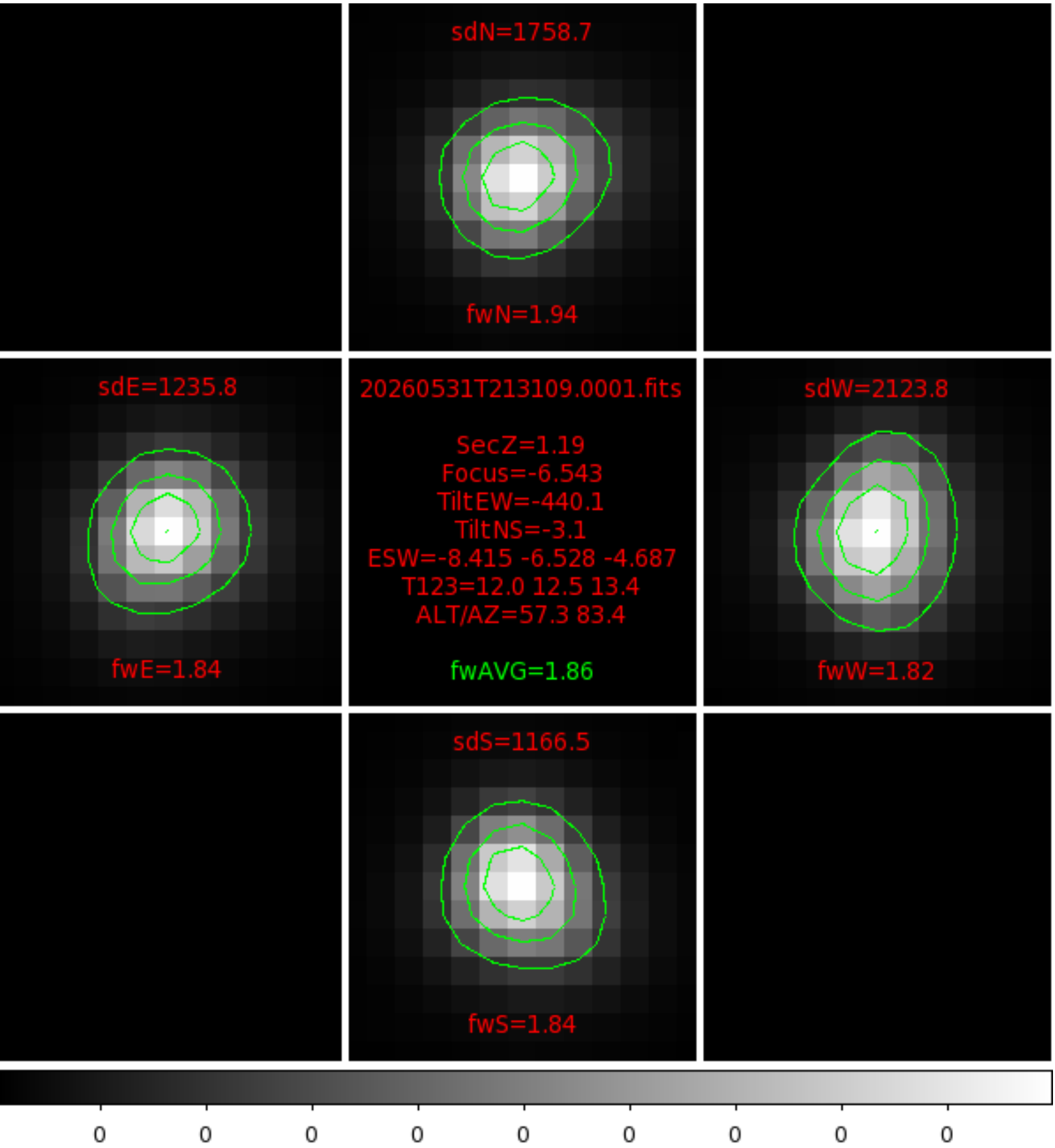
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SecZ=1.19
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.415 -6.528 -4.687
T123=12.0 12.5 13.4
ALT/AZ=57.3 83.4
fwAVG=1.86
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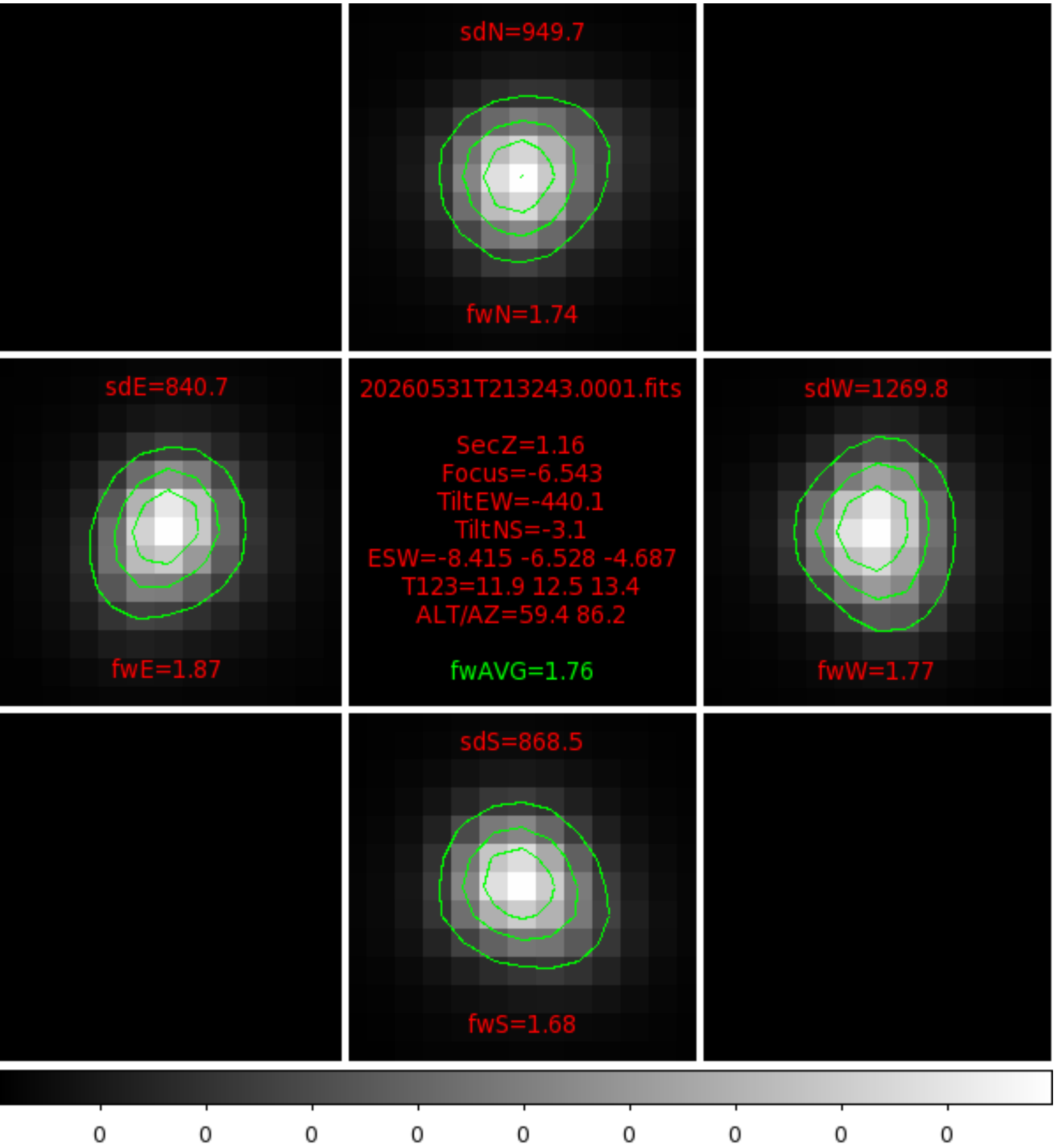
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SecZ=1.16
Focus=-6.543
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TiltNS=-3.1
ESW=-8.415 -6.528 -4.687
T123=11.9 12.5 13.4
ALT/AZ=59.4 86.2
fwAVG=1.76
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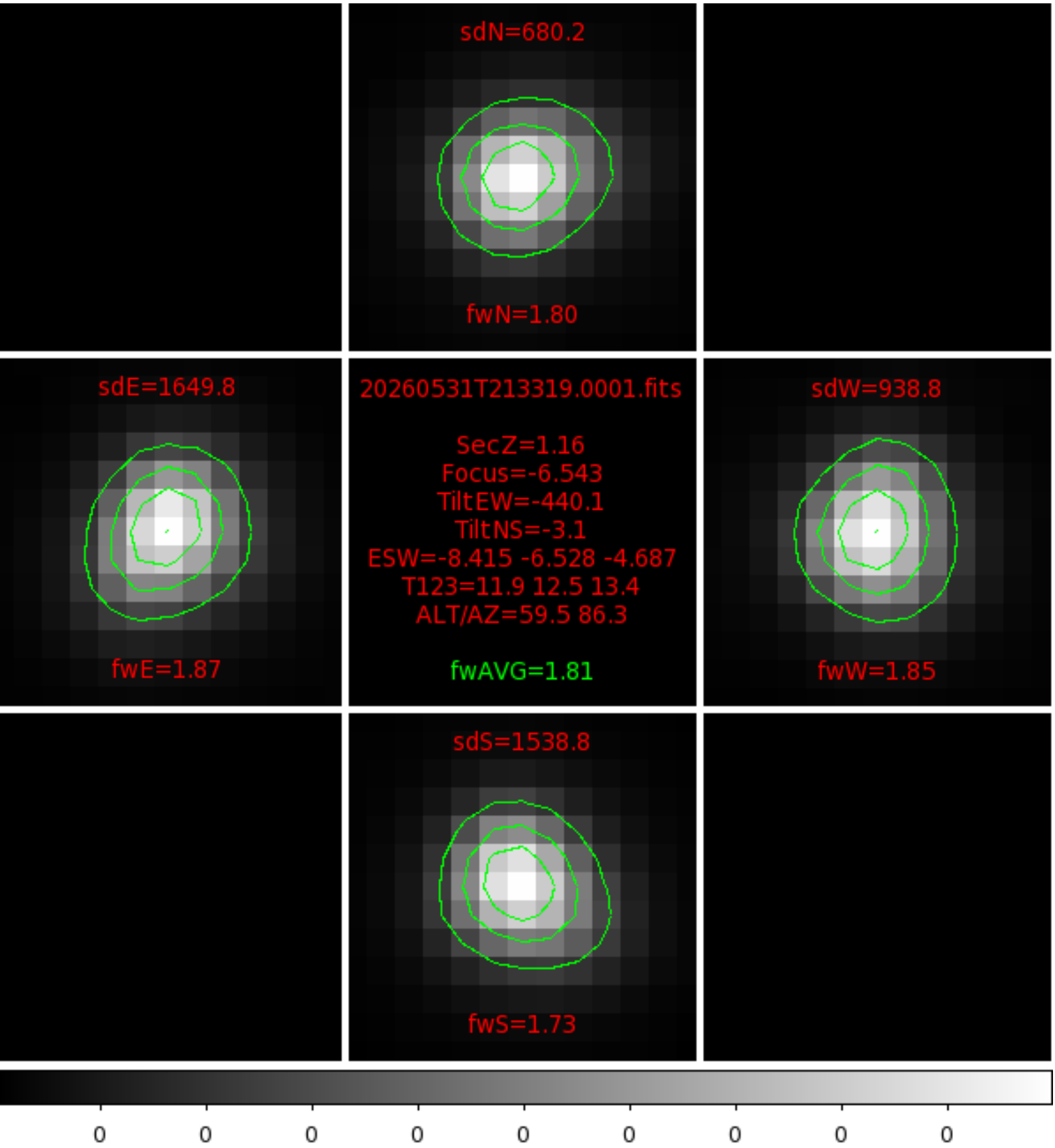
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SecZ=1.16
Focus=-6.543
TiltEW=-440.1
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ESW=-8.415 -6.528 -4.687
T123=11.9 12.5 13.4
ALT/AZ=59.5 86.3
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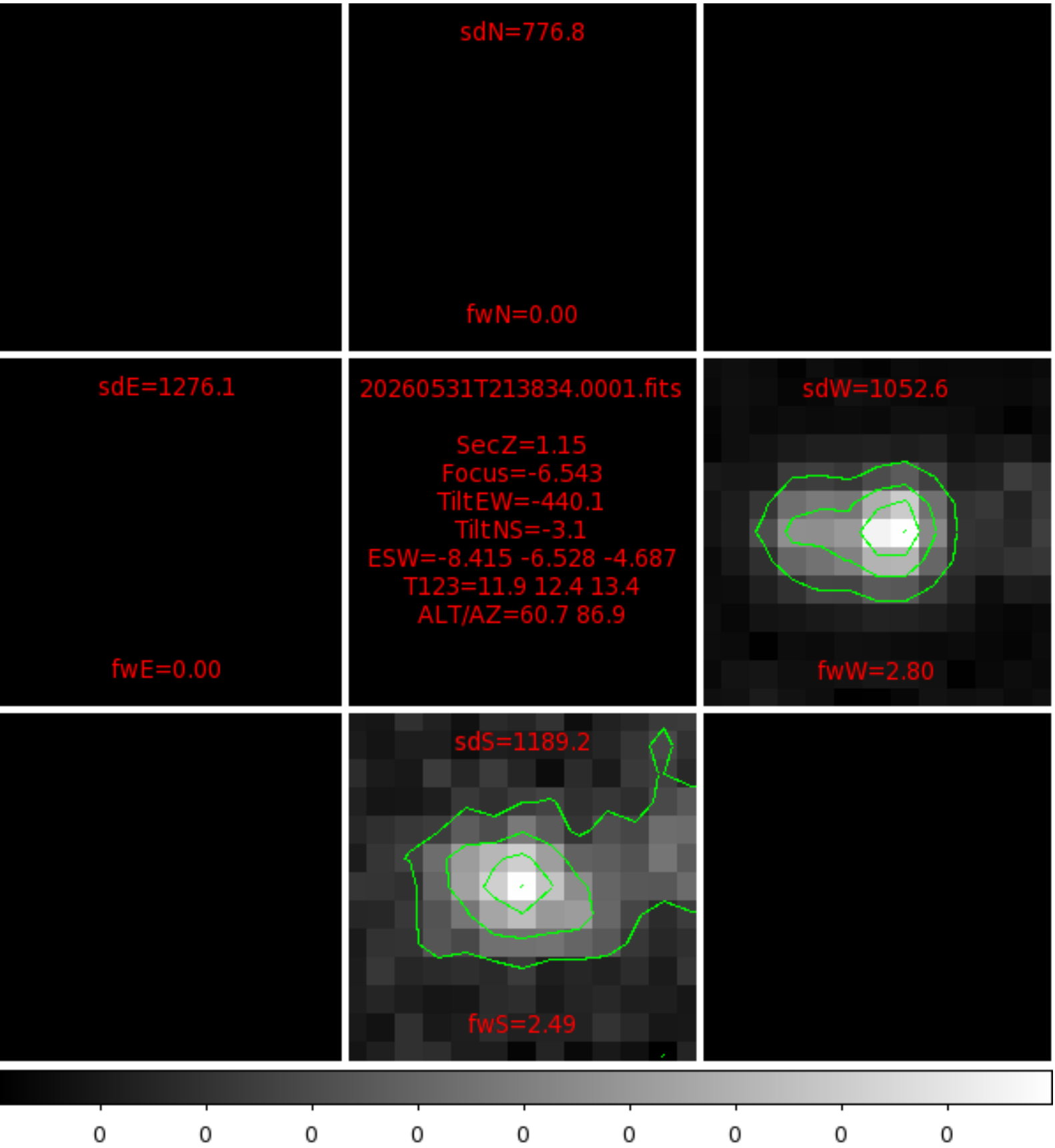
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ESW=-8.415 -6.528 -4.687
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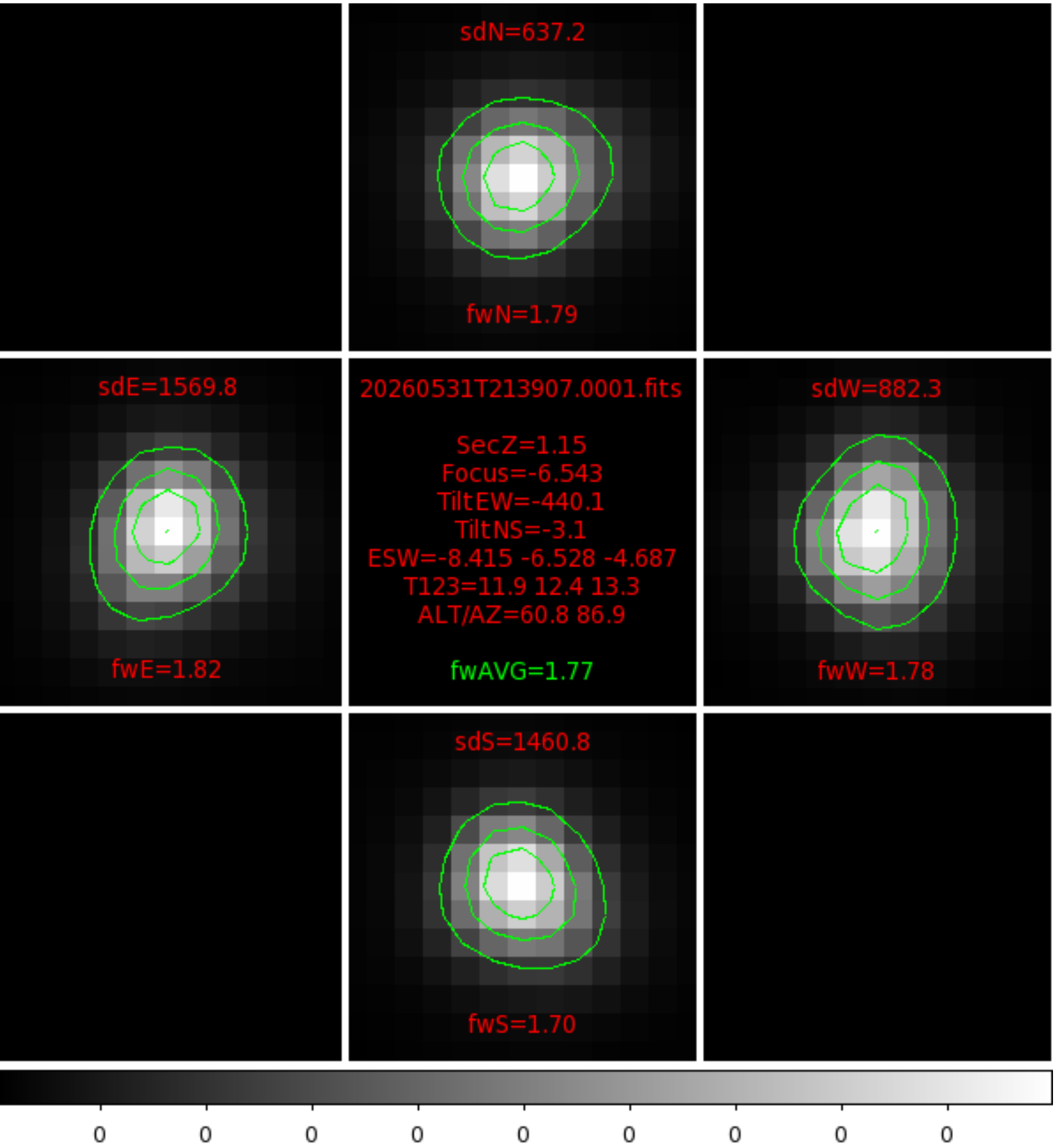
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Focus=-6.543
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.415 -6.528 -4.687
T123=11.9 12.4 13.3
ALT/AZ=60.8 86.9
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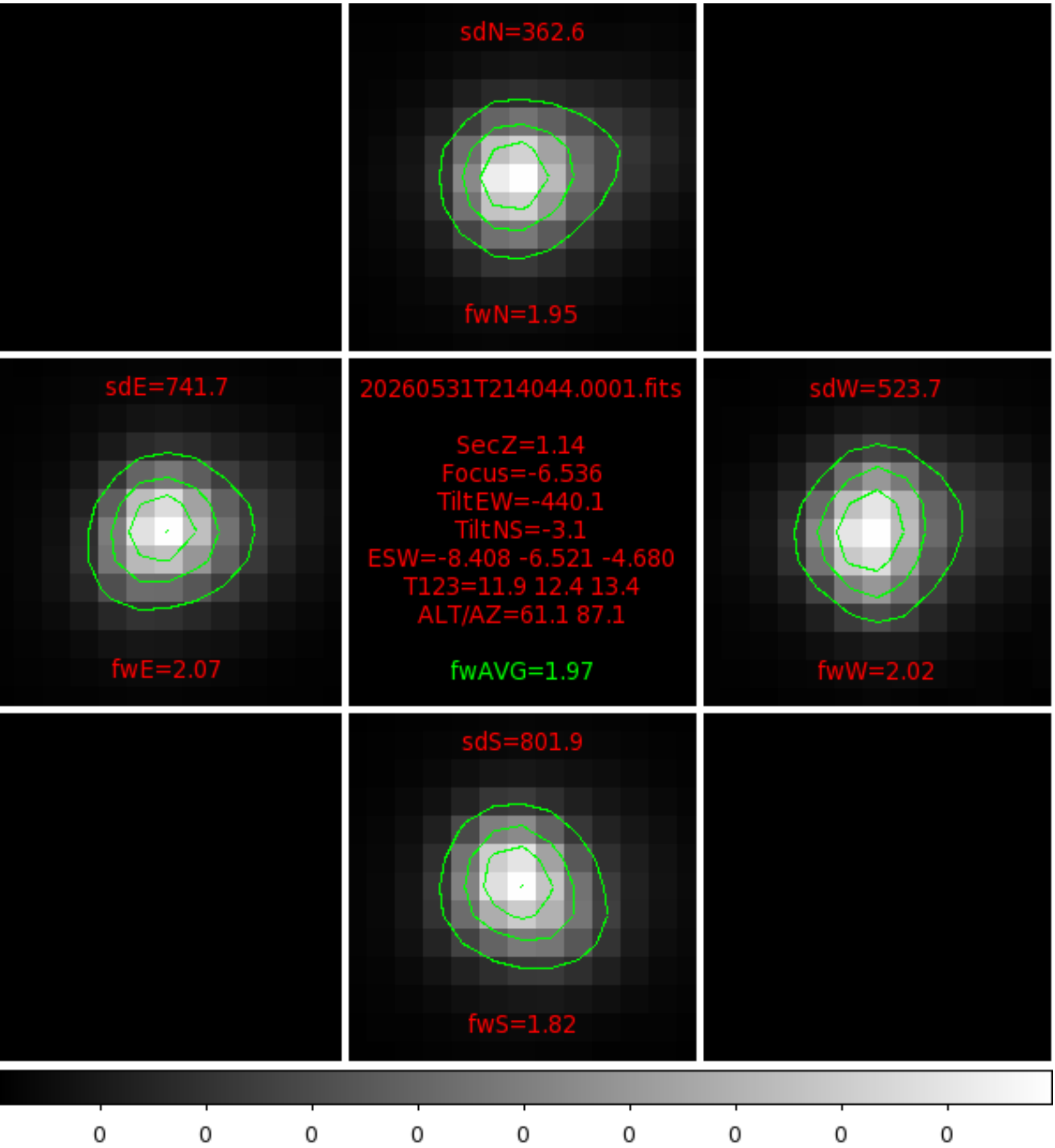
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SecZ=1.14
Focus=-6.536
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.9 12.4 13.4
ALT/AZ=61.1 87.1
fwAVG=1.97
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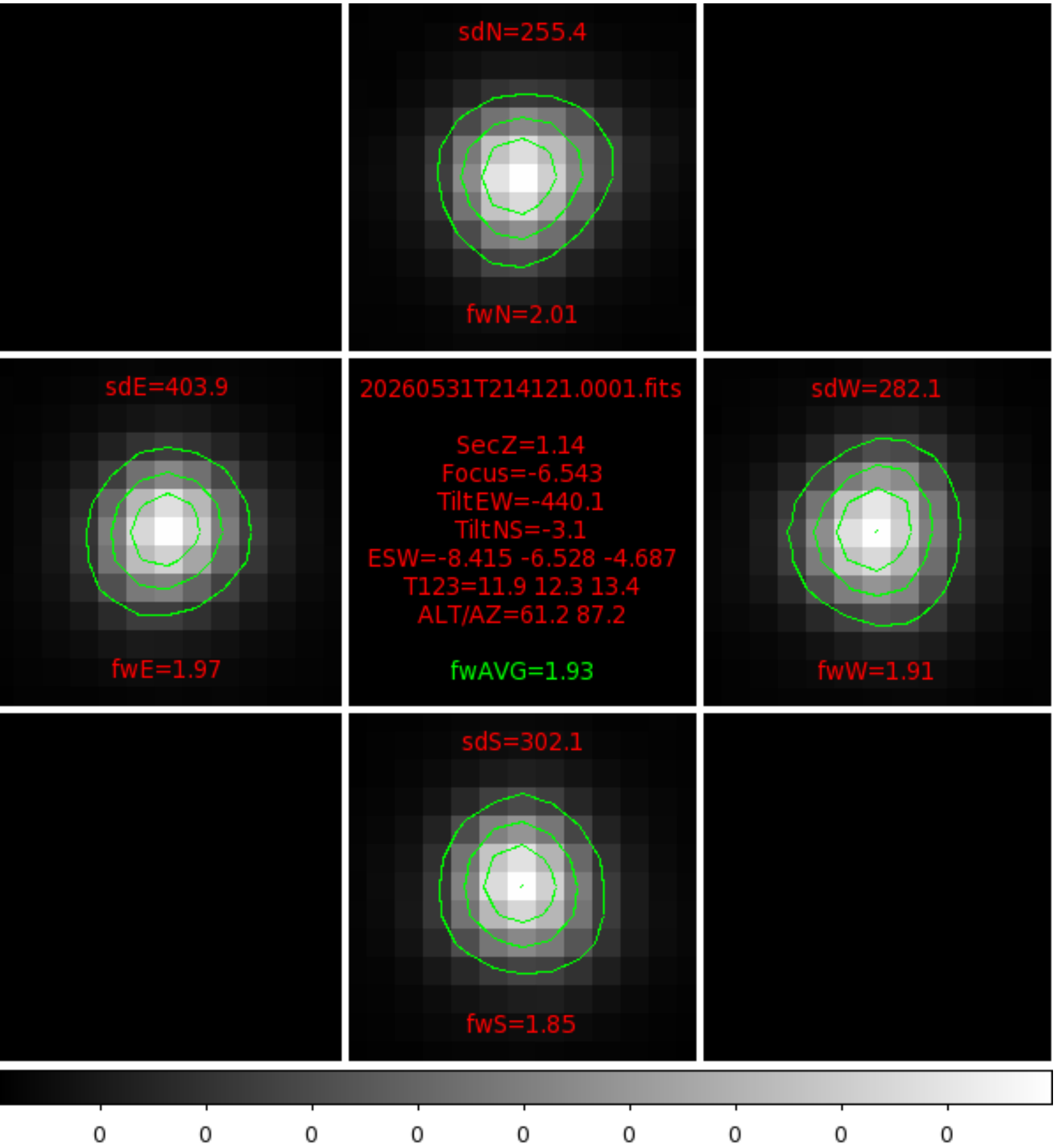
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SecZ=1.14
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TiltNS=-3.1
ESW=-8.415 -6.528 -4.687
T123=11.9 12.3 13.4
ALT/AZ=61.2 87.2
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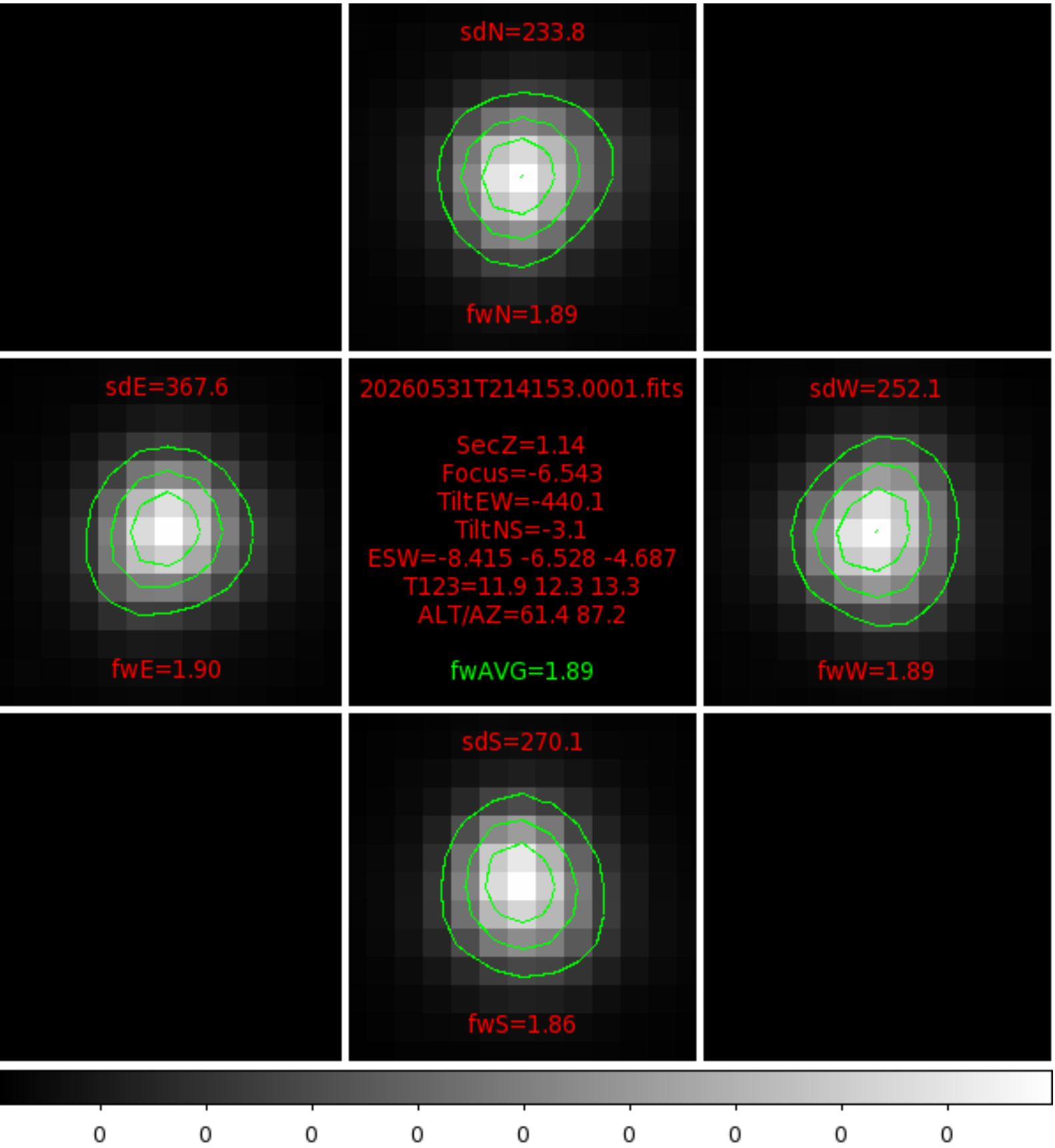
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TiltNS=-3.1
ESW=-8.415 -6.528 -4.687
T123=11.9 12.3 13.3
ALT/AZ=61.4 87.2
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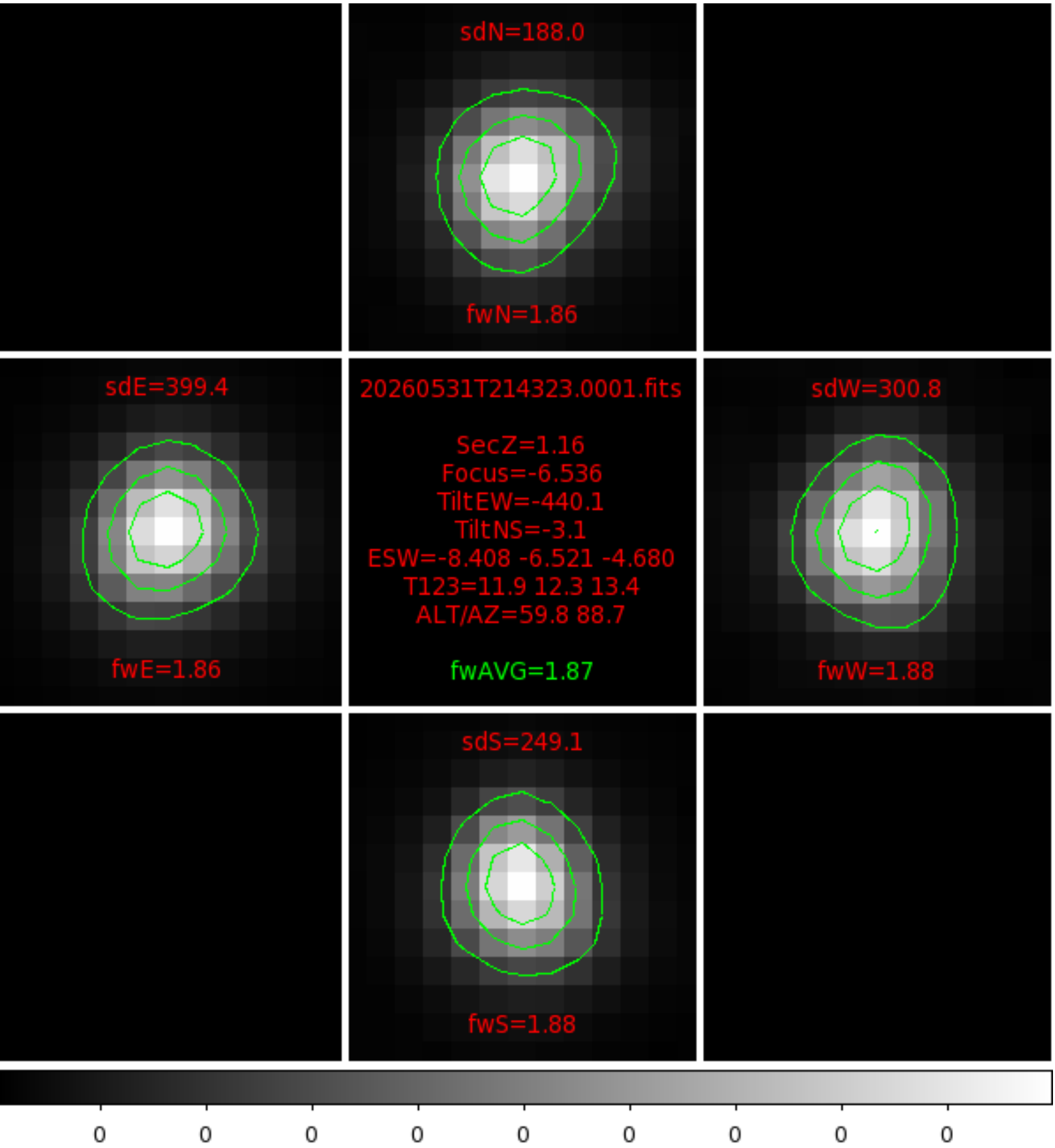
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SecZ=1.16
Focus=-6.536
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.9 12.3 13.4
ALT/AZ=59.8 88.7
fwAVG=1.87
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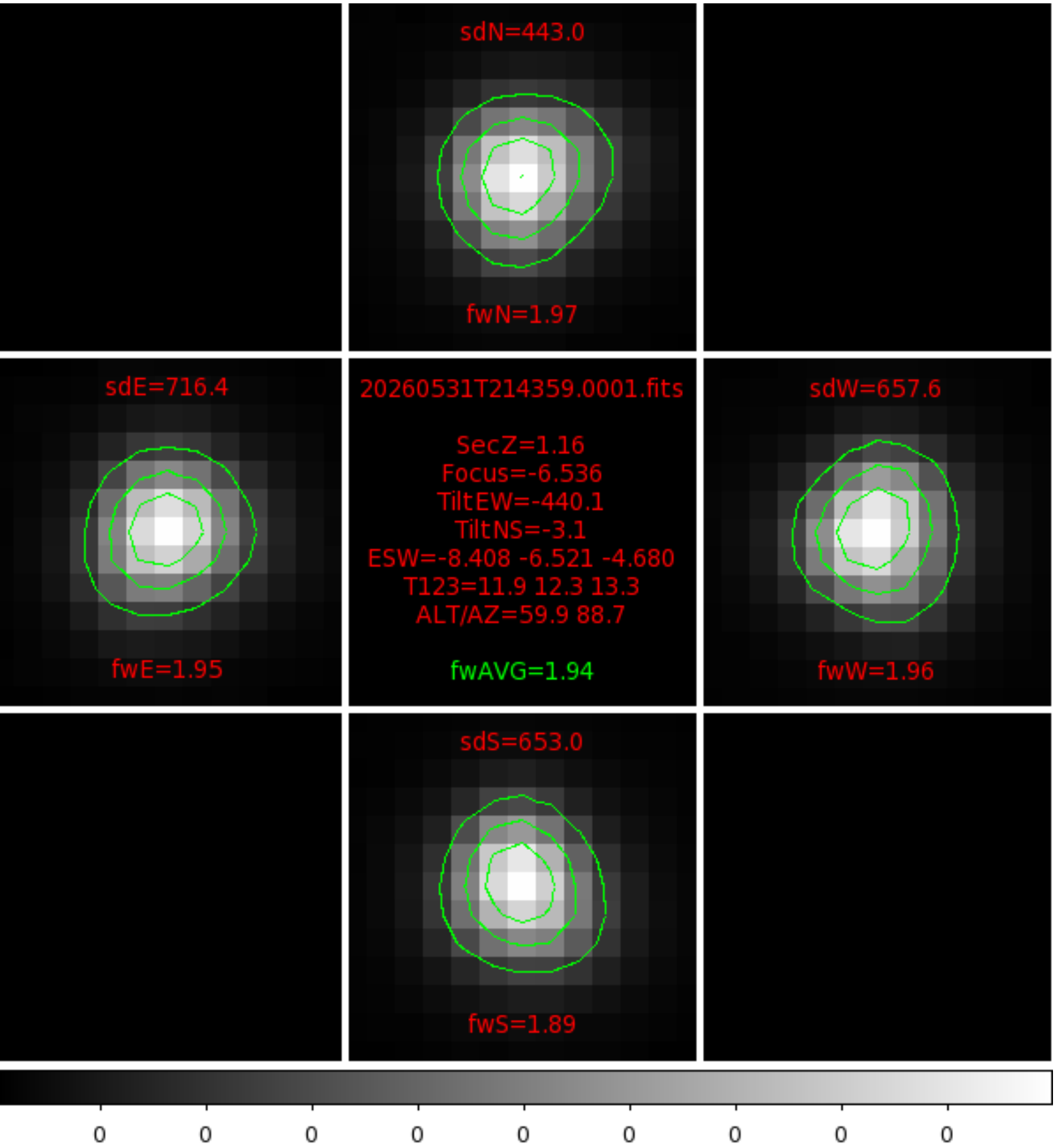
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SecZ=1.16
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.9 12.3 13.3
ALT/AZ=59.9 88.7
fwAVG=1.94
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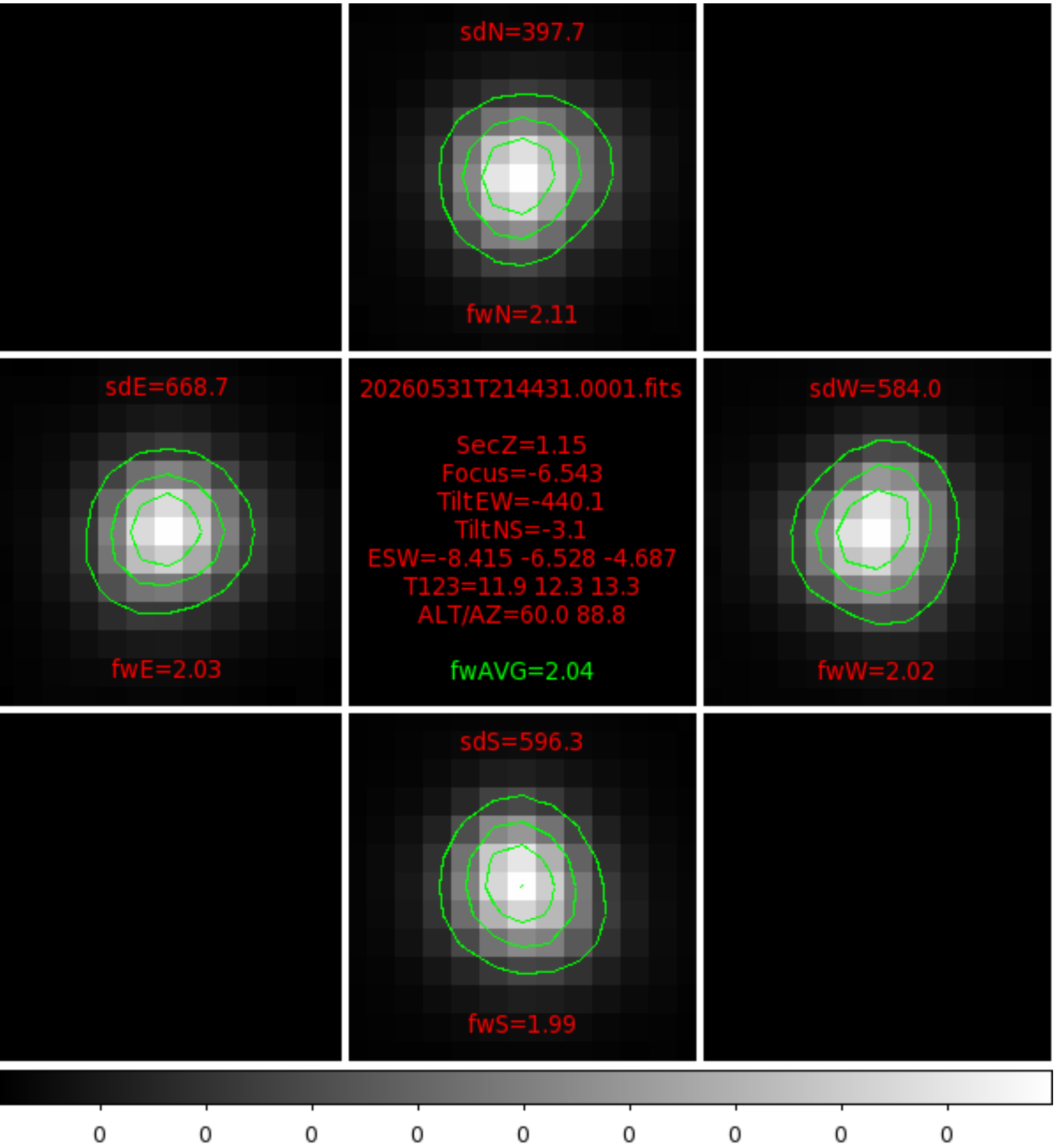
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.415 -6.528 -4.687
T123=11.9 12.3 13.3
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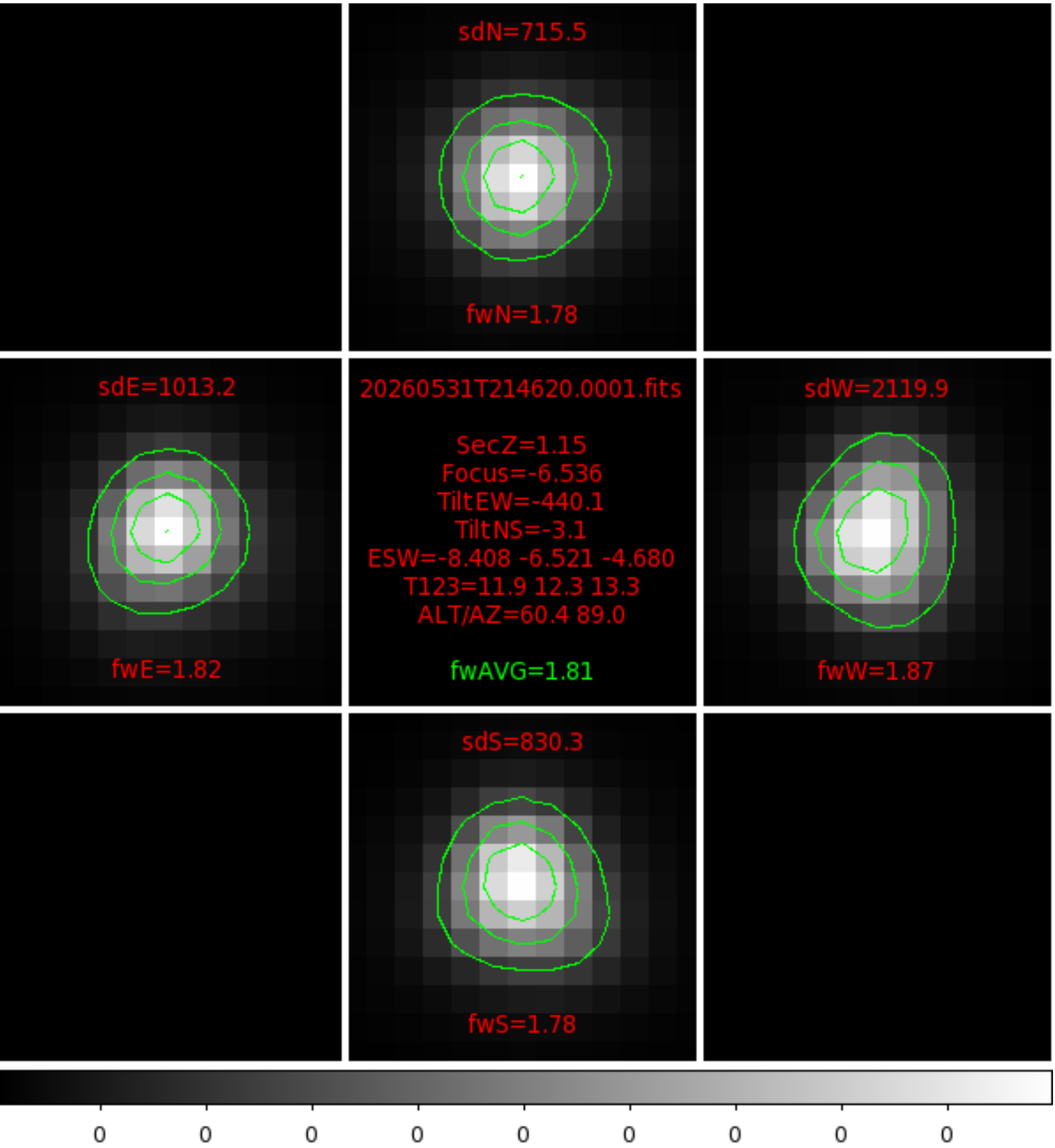
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.9 12.3 13.3
ALT/AZ=60.4 89.0
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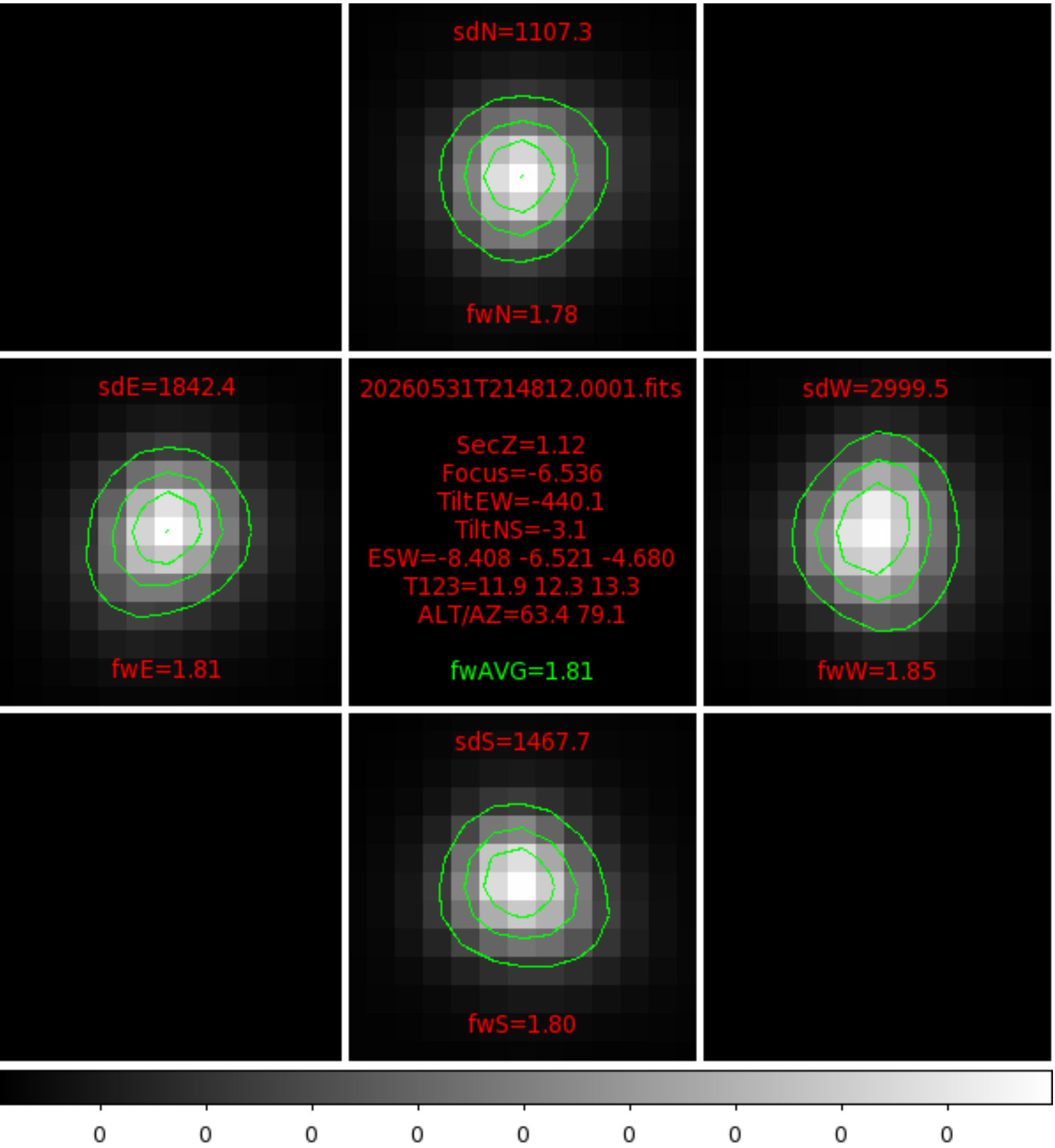
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sdE=1842.4
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SecZ=1.12
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.9 12.3 13.3
ALT/AZ=63.4 79.1
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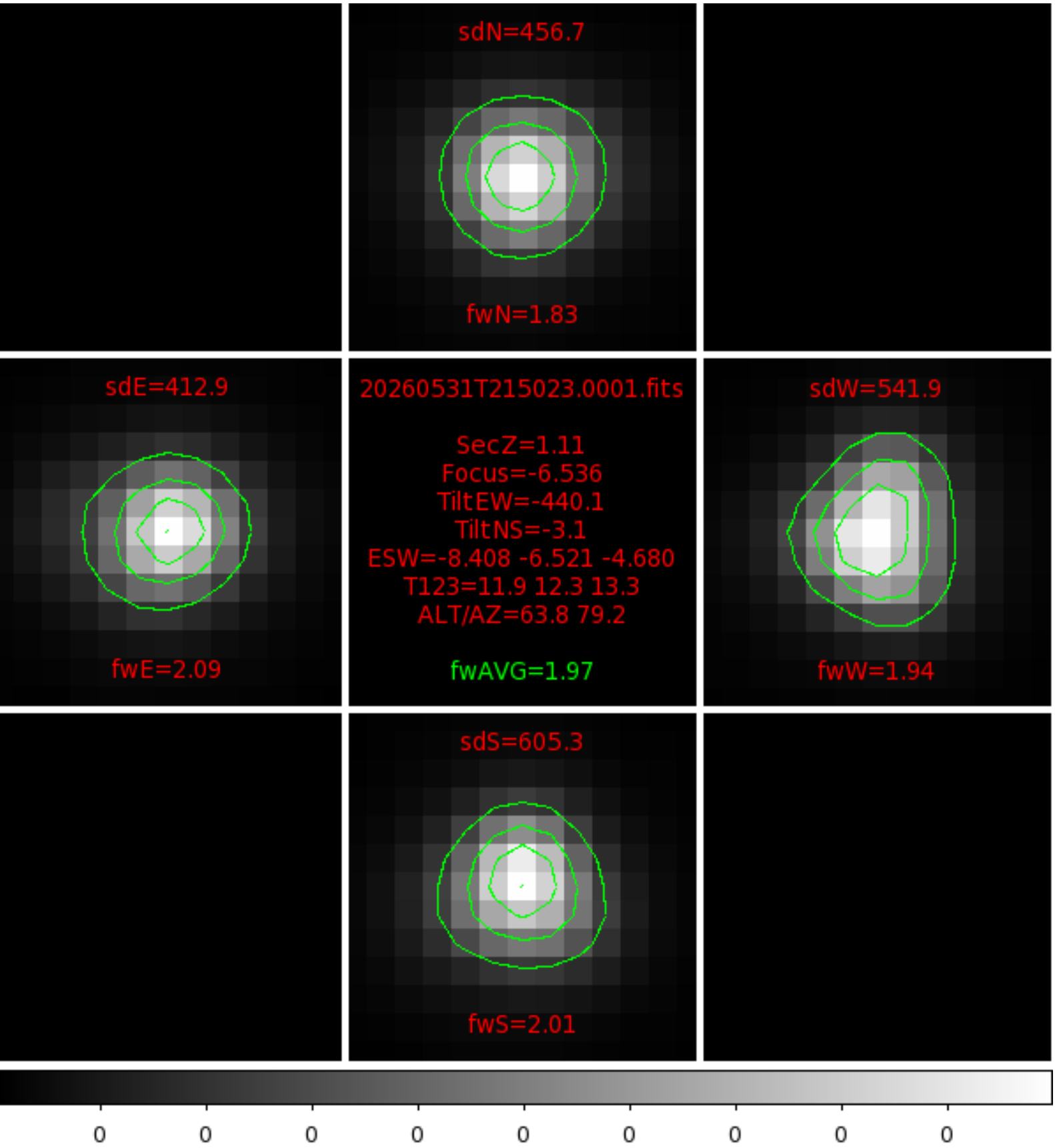
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ALT/AZ=63.8 79.2
fwAVG=1.97
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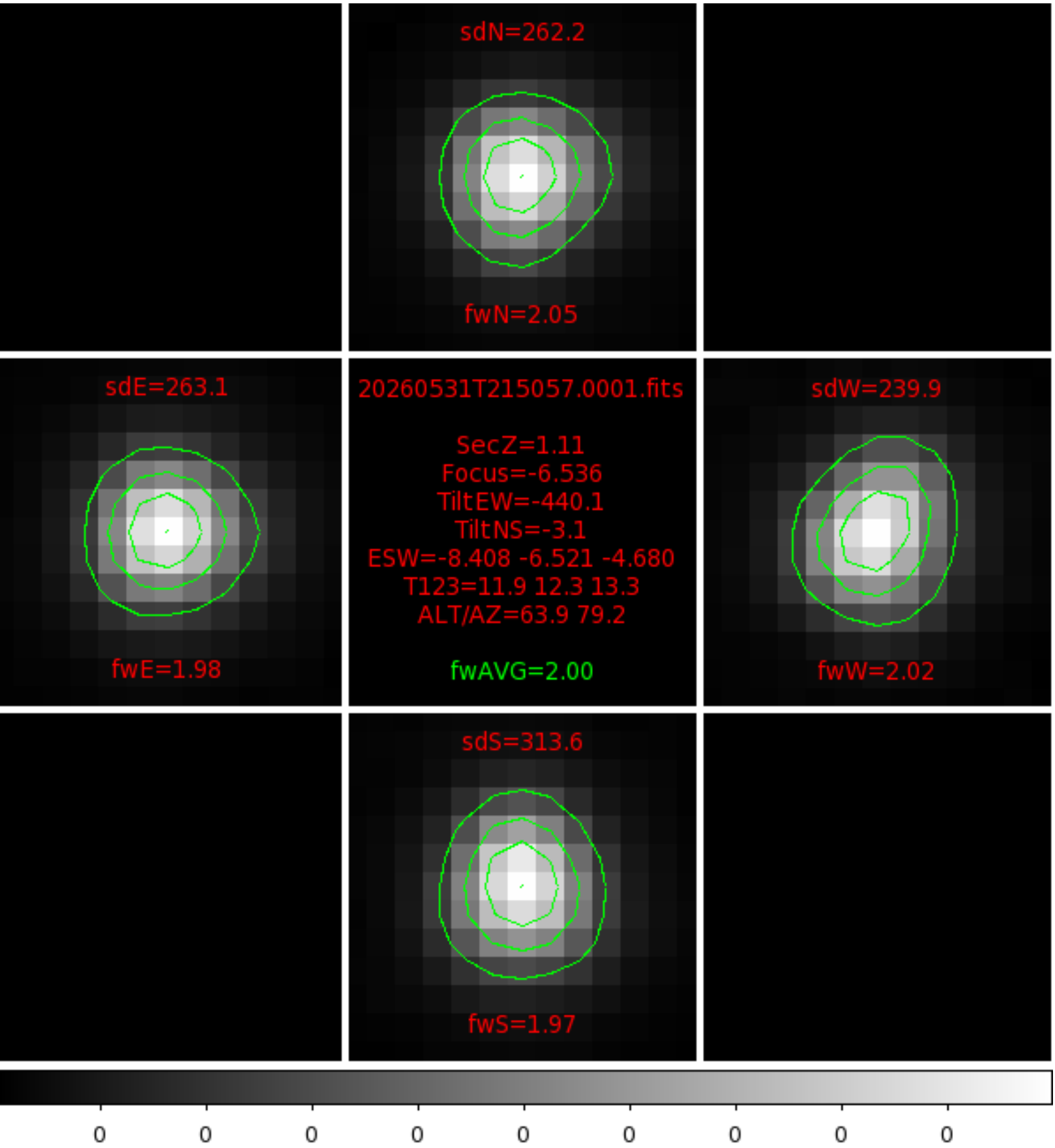
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TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.9 12.3 13.3
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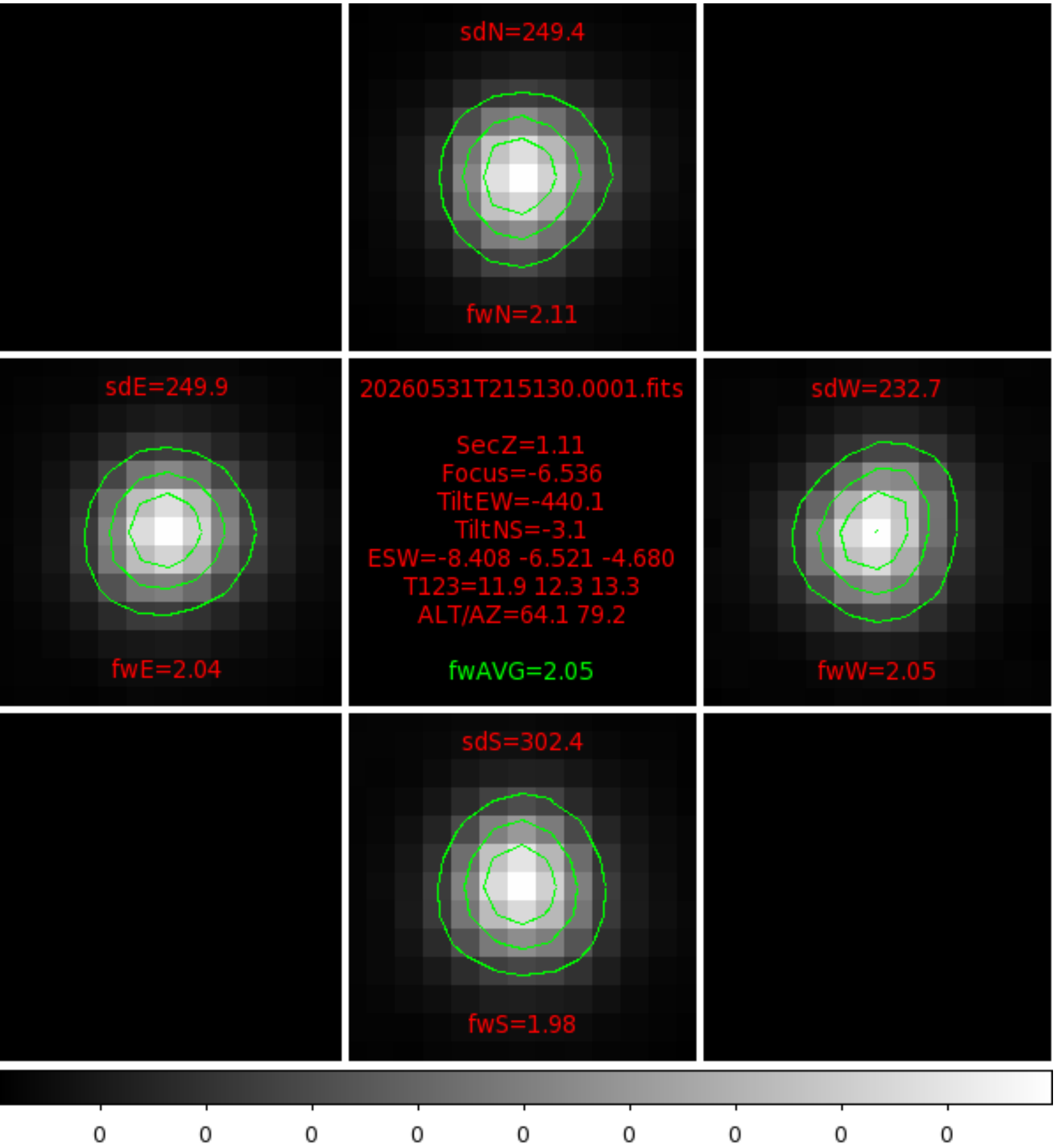
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SecZ=1.11
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.9 12.3 13.3
ALT/AZ=64.1 79.2
fwAVG=2.05
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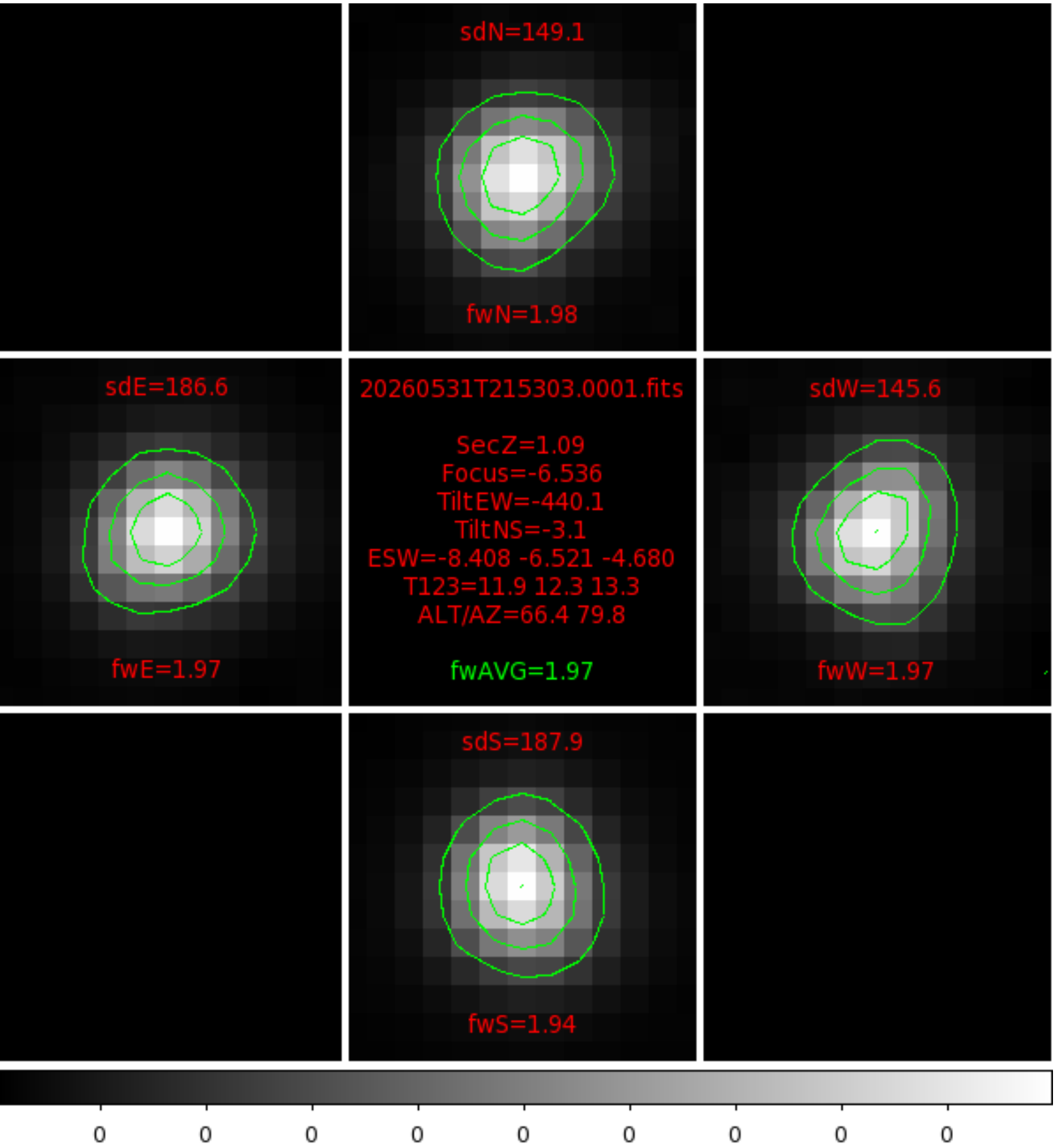
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TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.9 12.3 13.3
ALT/AZ=66.4 79.8
fwAVG=1.97
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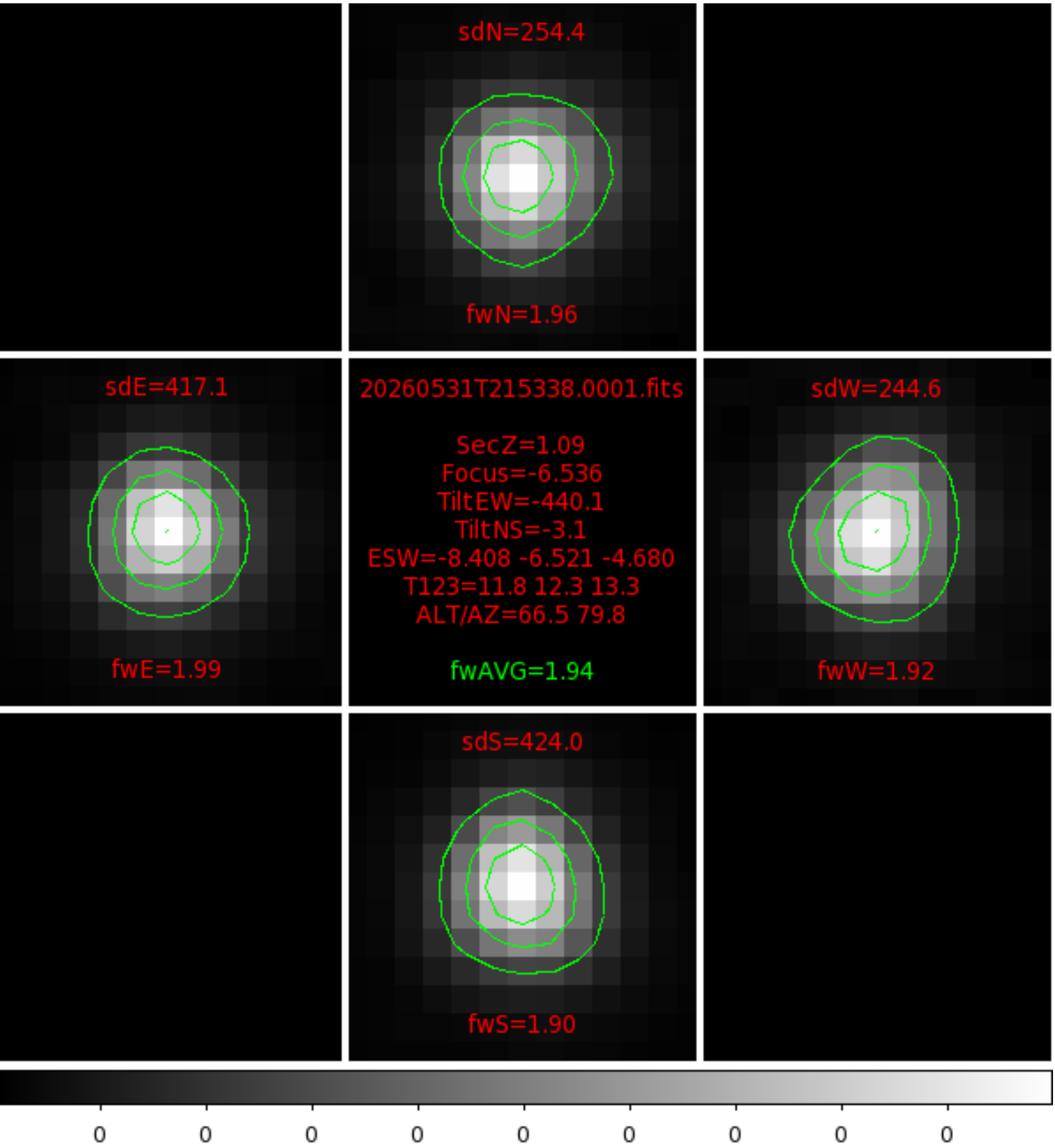
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SecZ=1.09
Focus=-6.536
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.8 12.3 13.3
ALT/AZ=66.5 79.8
fwAVG=1.94
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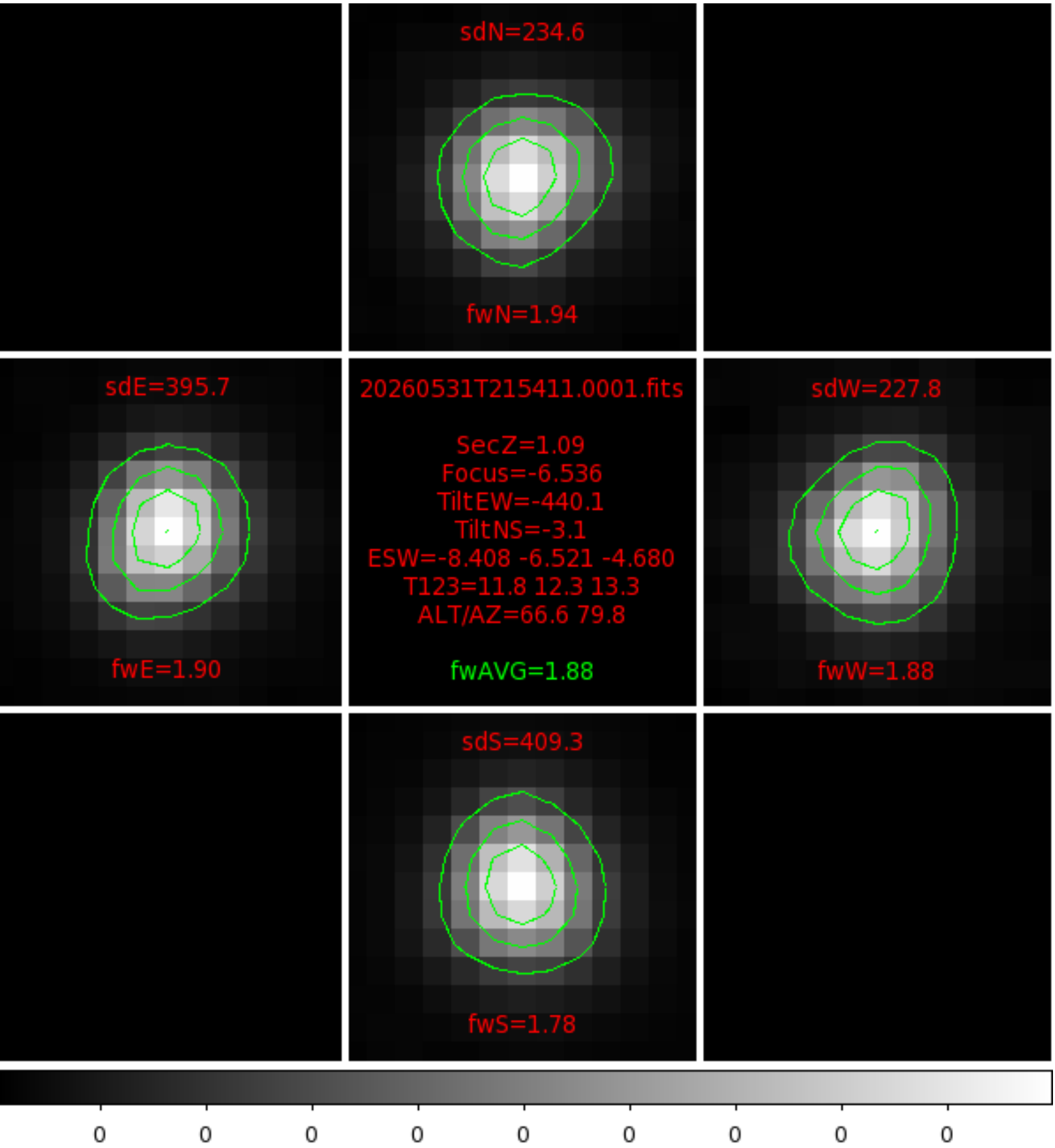
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sdE=395.7
fwE=1.90
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SecZ=1.09
Focus=-6.536
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.8 12.3 13.3
ALT/AZ=66.6 79.8
fwAVG=1.88
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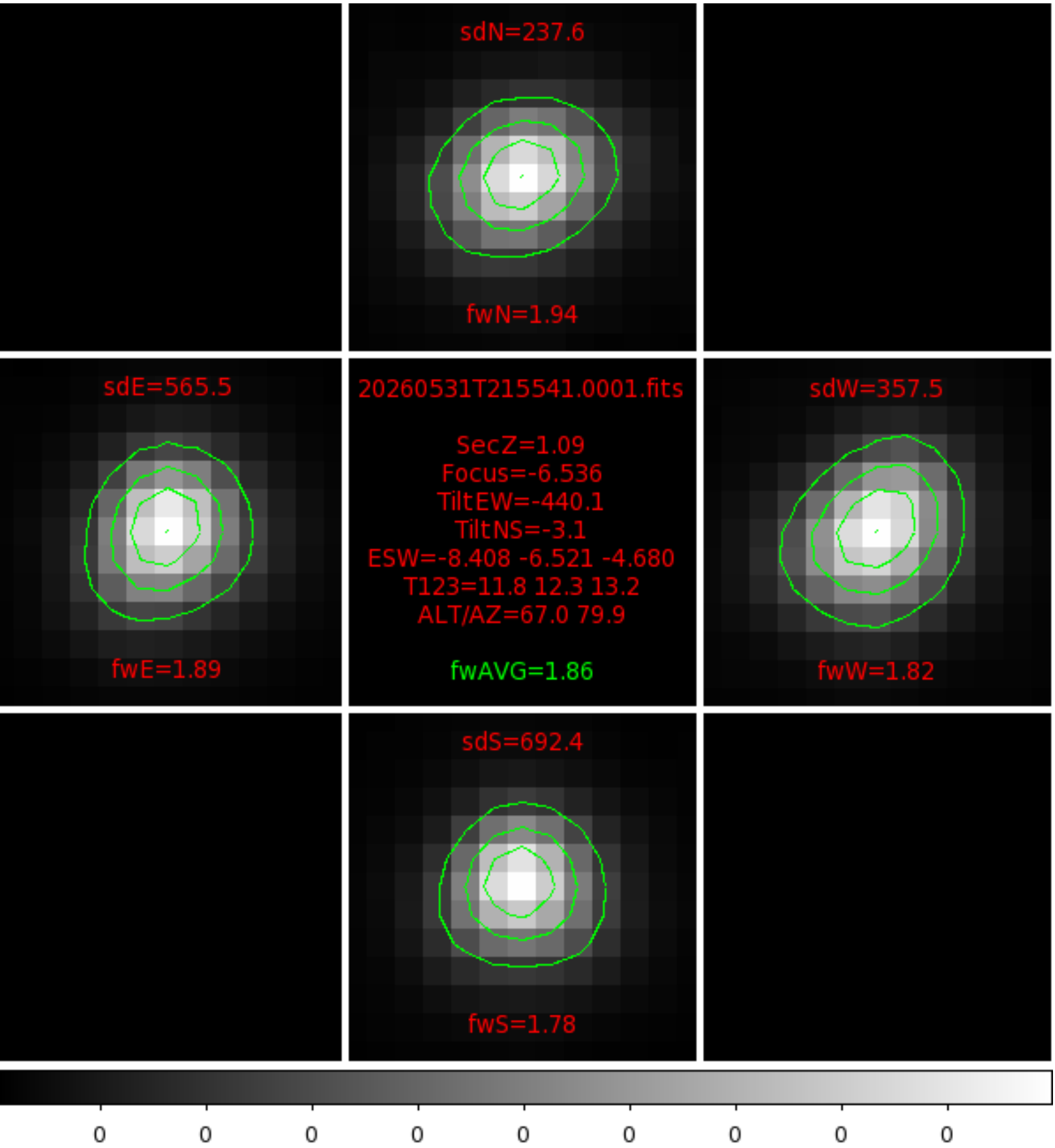
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SecZ=1.09
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TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.8 12.3 13.2
ALT/AZ=67.0 79.9
fwAVG=1.86
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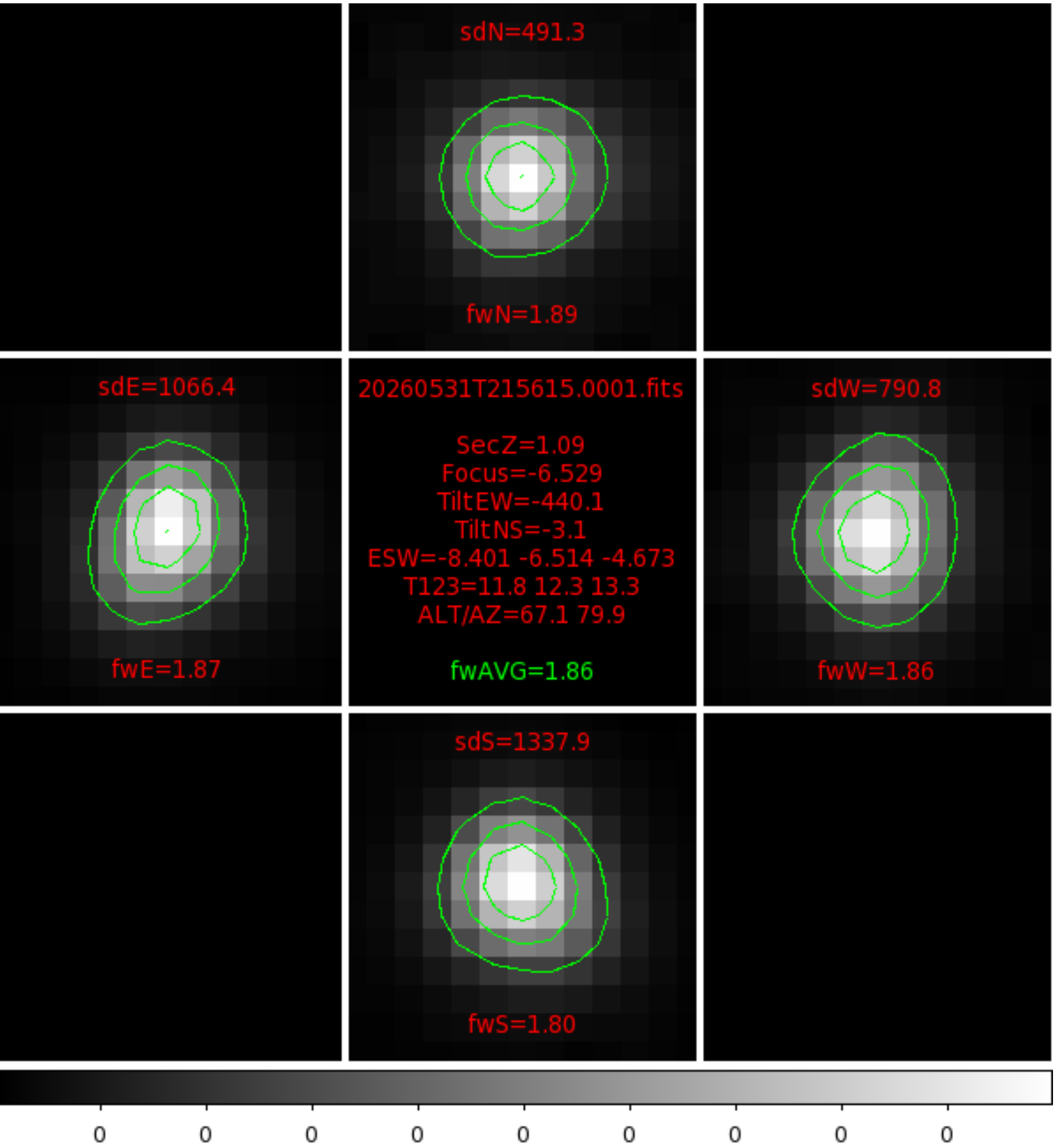
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SecZ=1.09
Focus=-6.529
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.401 -6.514 -4.673
T123=11.8 12.3 13.3
ALT/AZ=67.1 79.9
fwAVG=1.86
sdW=790.8
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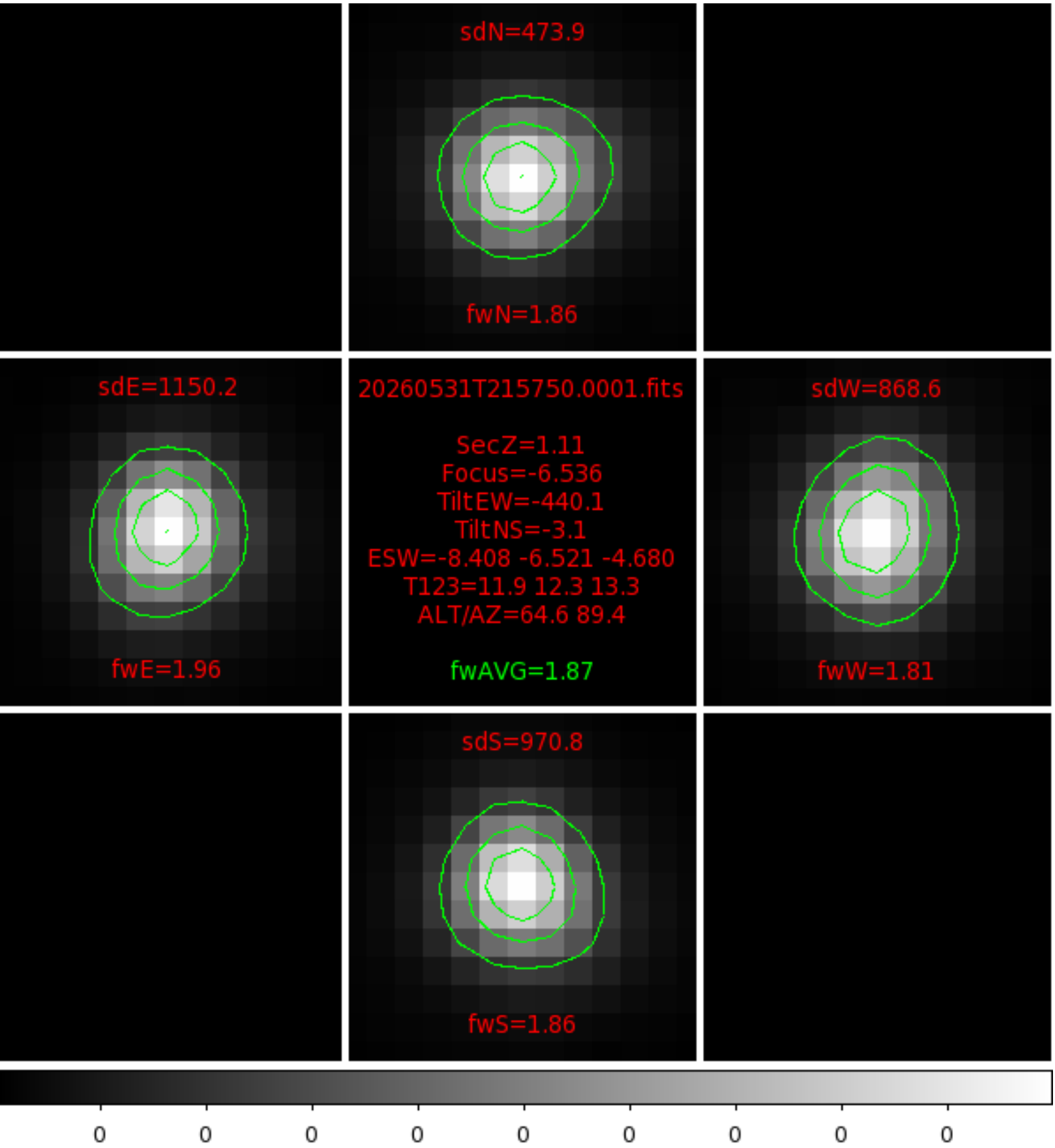
sdN=473.9
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SecZ=1.11
Focus=-6.536
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.9 12.3 13.3
ALT/AZ=64.6 89.4
fwAVG=1.87
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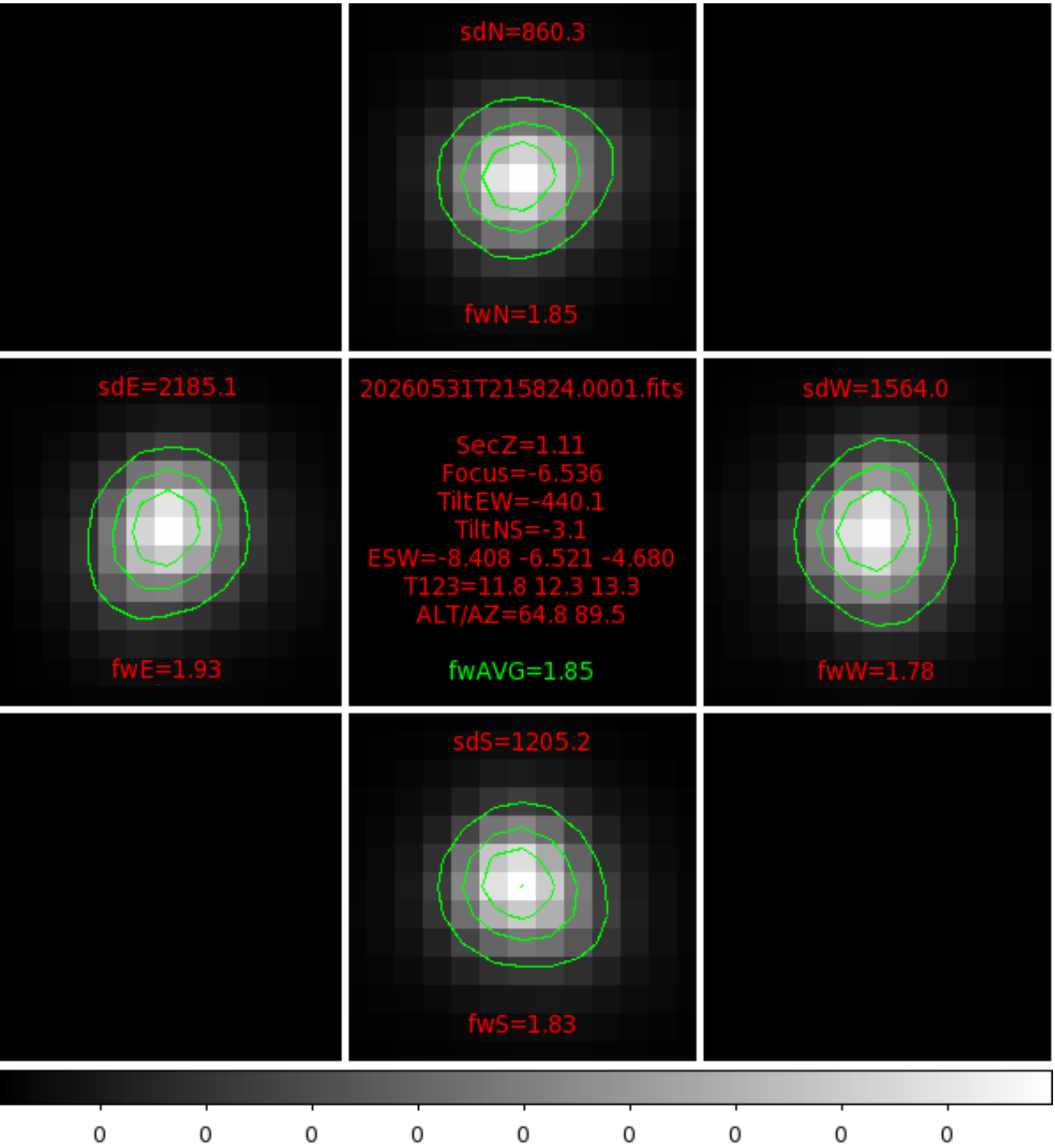
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.8 12.3 13.3
ALT/AZ=64.8 89.5
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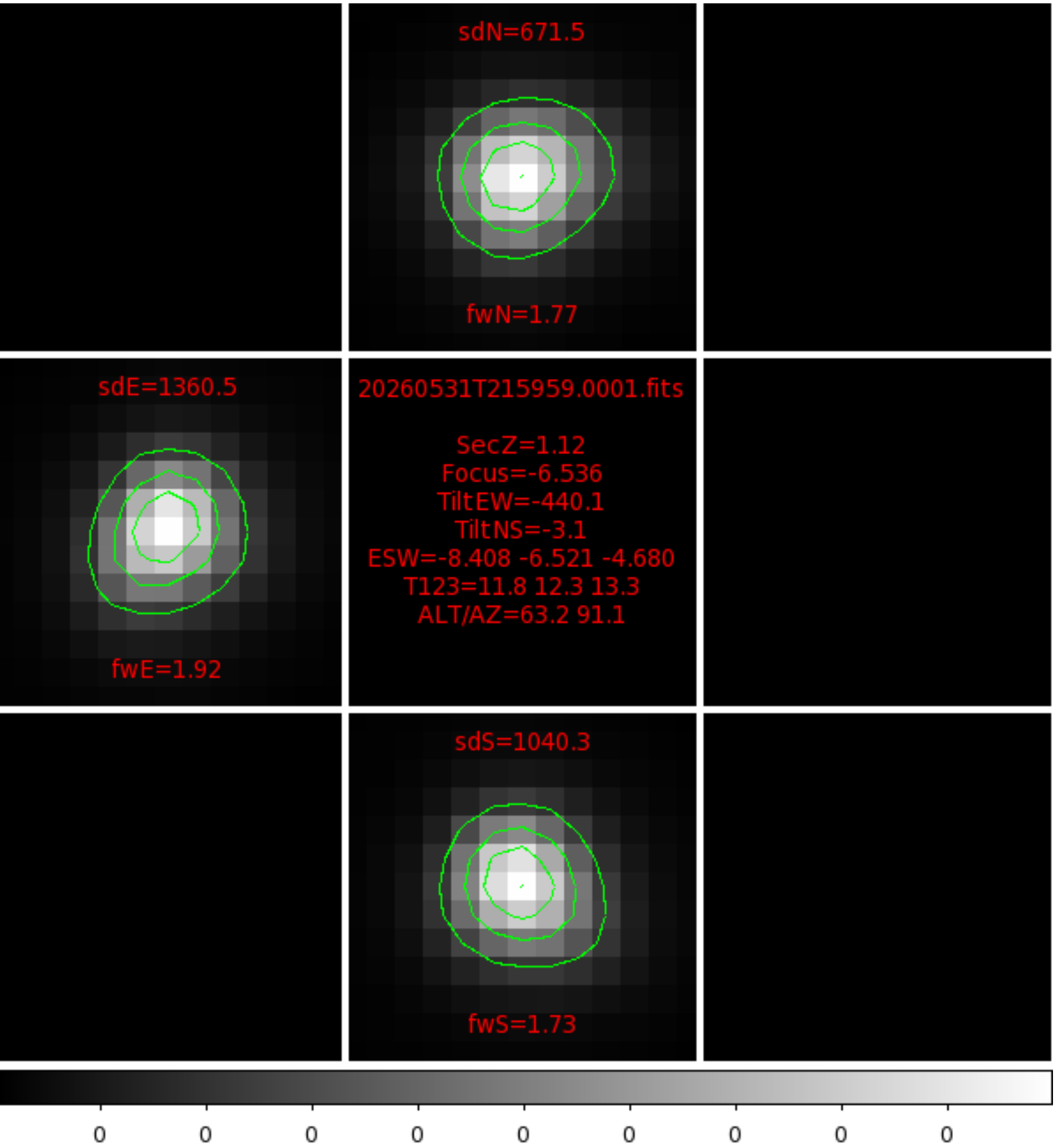
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sdE=1360.5
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20260531T215959.0001.fits
SecZ=1.12
Focus=-6.536
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.8 12.3 13.3
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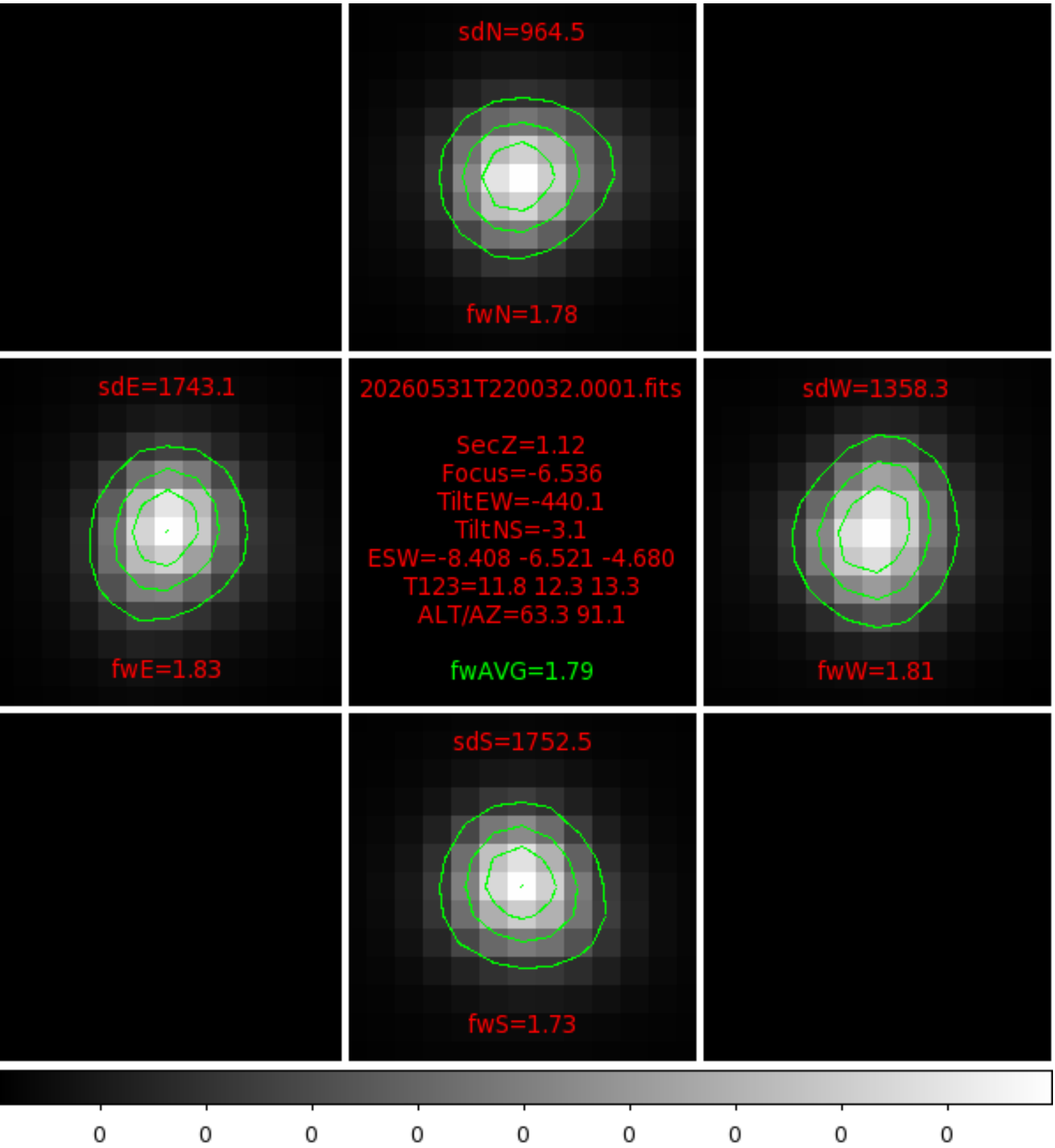
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SecZ=1.12
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.8 12.3 13.3
ALT/AZ=63.3 91.1
fwAVG=1.79
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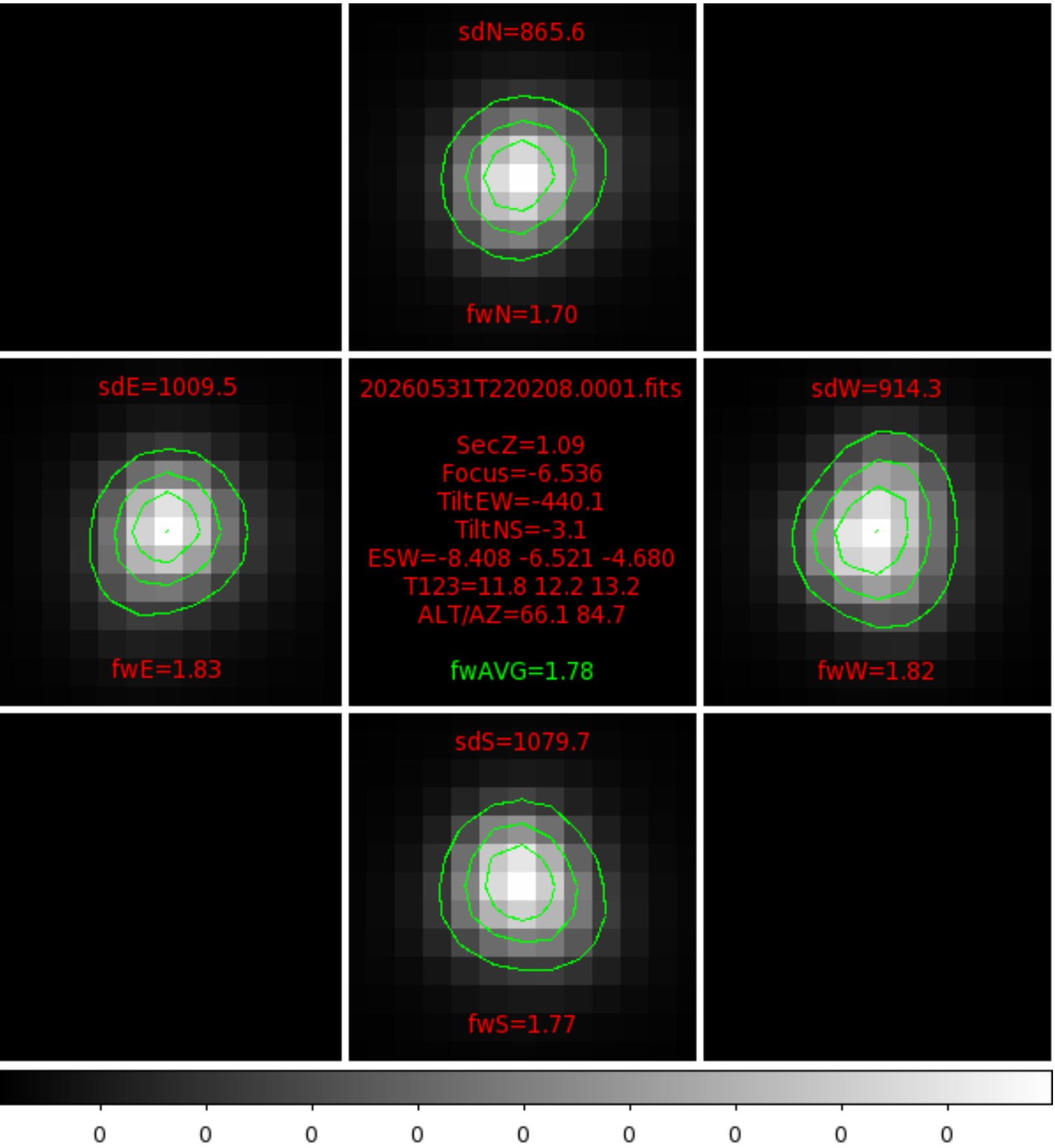
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Focus=-6.536
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.8 12.2 13.2
ALT/AZ=66.1 84.7
fwAVG=1.78
sdW=914.3
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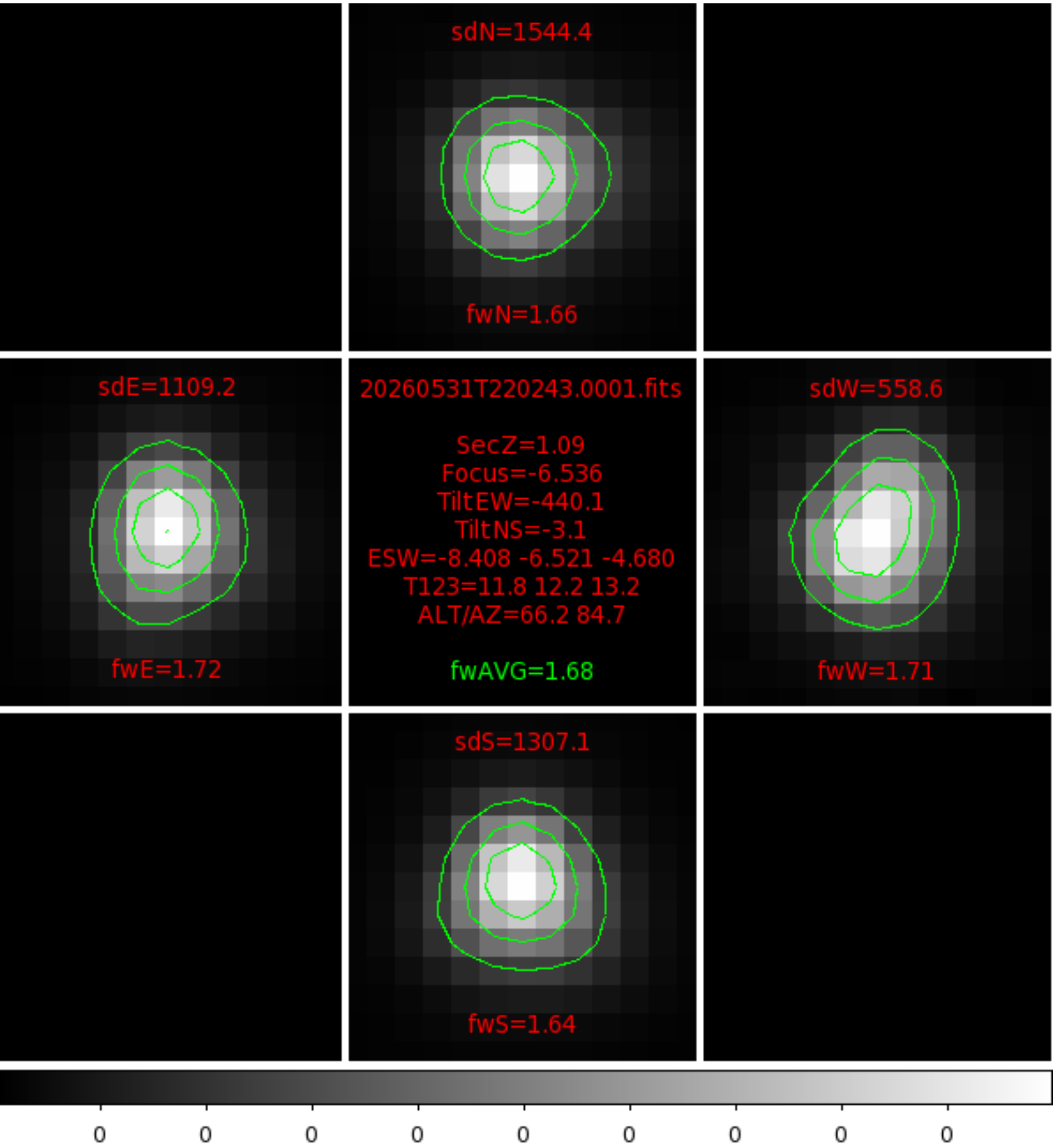
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sdE=1109.2
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SecZ=1.09
Focus=-6.536
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.408 -6.521 -4.680
T123=11.8 12.2 13.2
ALT/AZ=66.2 84.7
fwAVG=1.68
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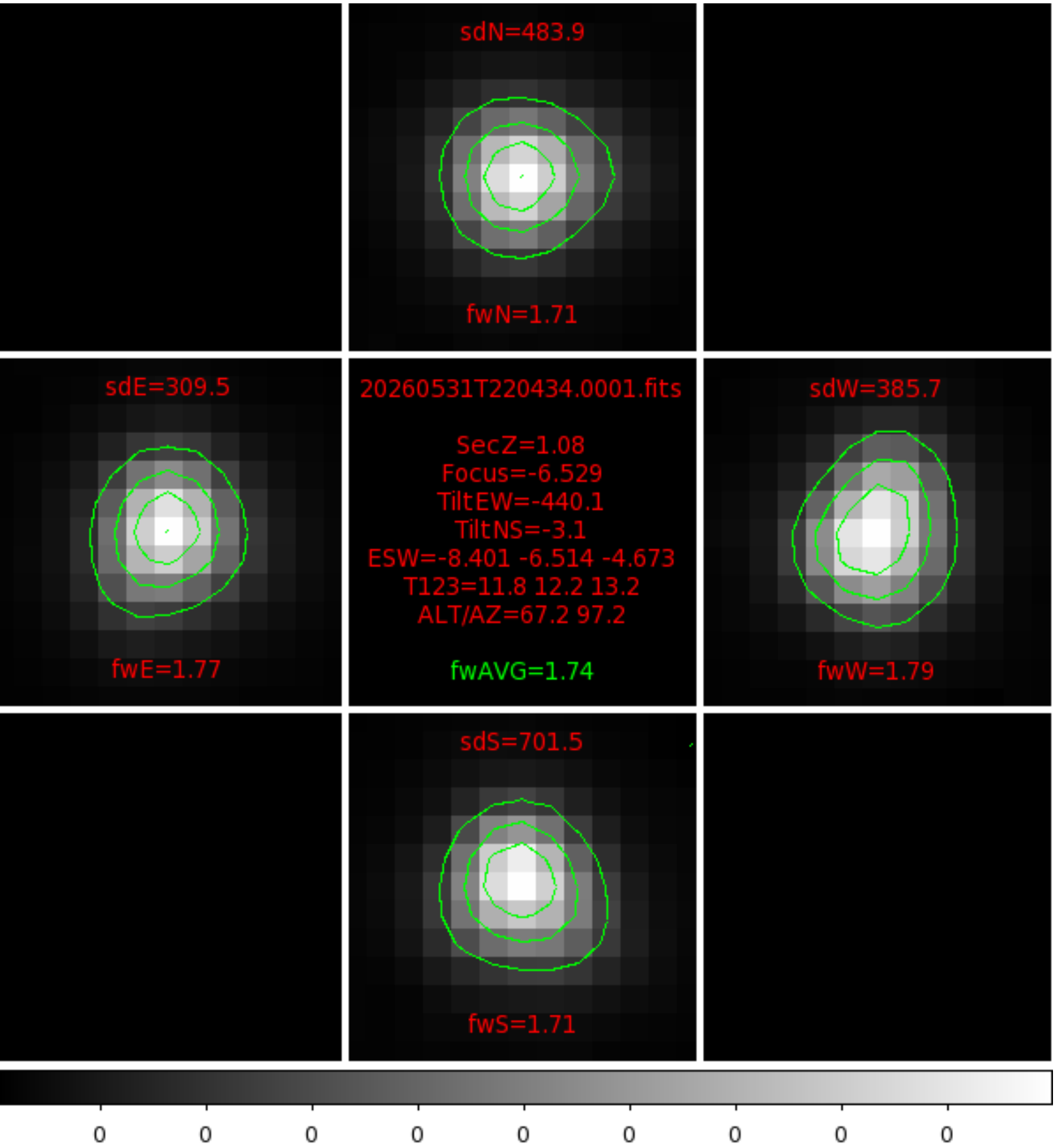
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sdE=309.5
fwE=1.77
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SecZ=1.08
Focus=-6.529
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.401 -6.514 -4.673
T123=11.8 12.2 13.2
ALT/AZ=67.2 97.2
fwAVG=1.74
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sdS=701.5
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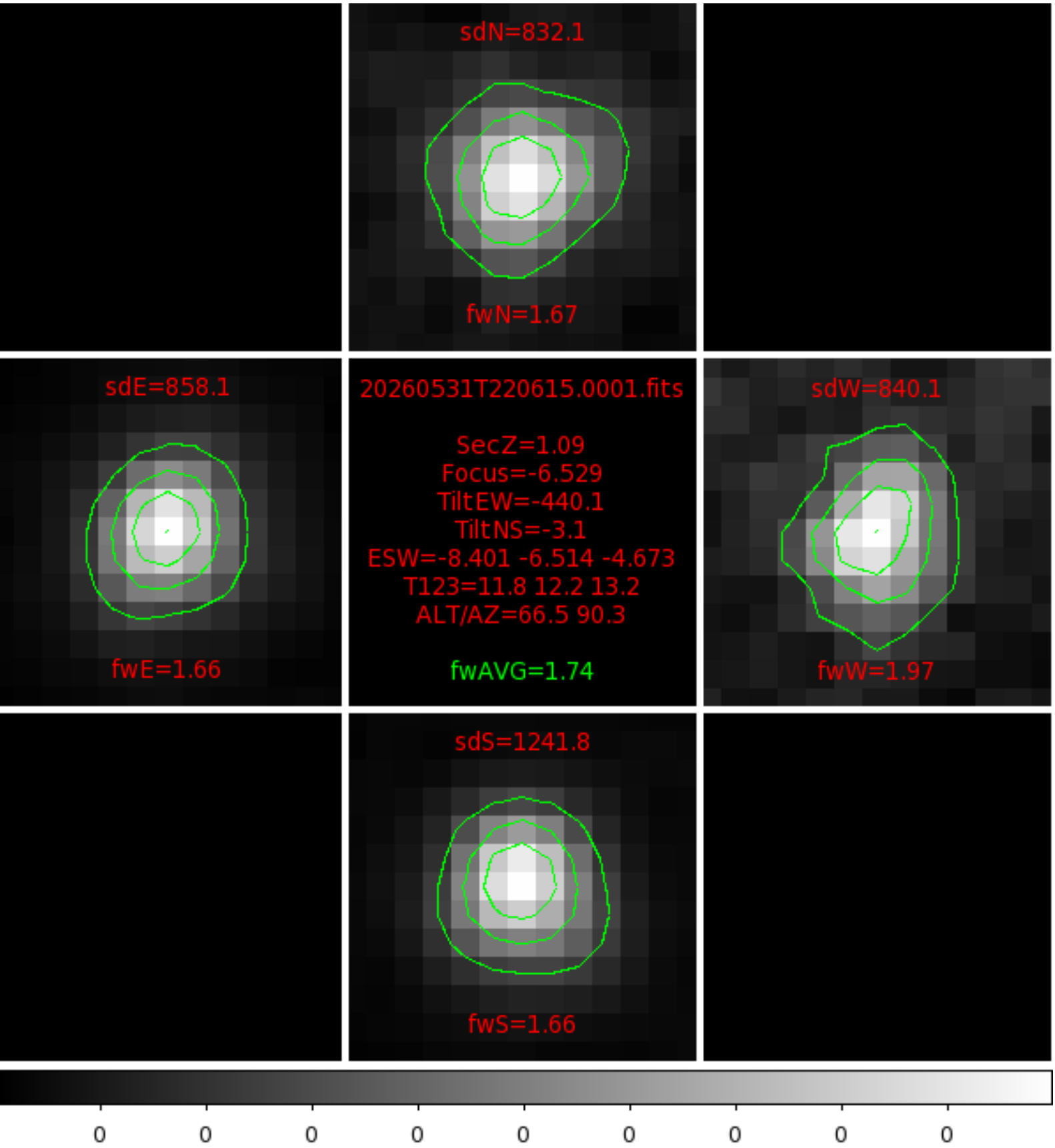
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SecZ=1.09
Focus=-6.529
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.401 -6.514 -4.673
T123=11.8 12.2 13.2
ALT/AZ=66.5 90.3
fwAVG=1.74
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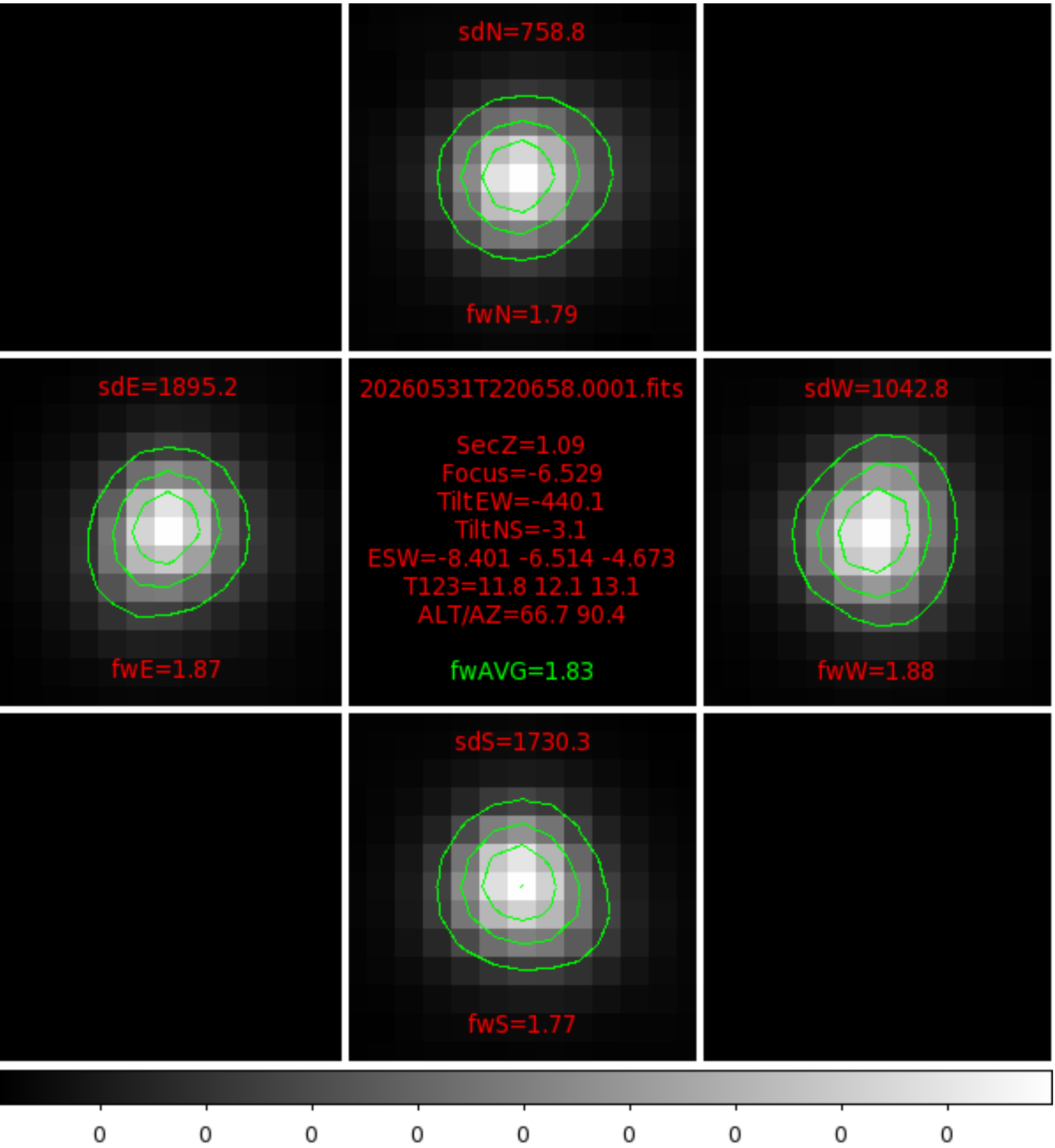
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SecZ=1.09
Focus=-6.529
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.401 -6.514 -4.673
T123=11.8 12.1 13.1
ALT/AZ=66.7 90.4
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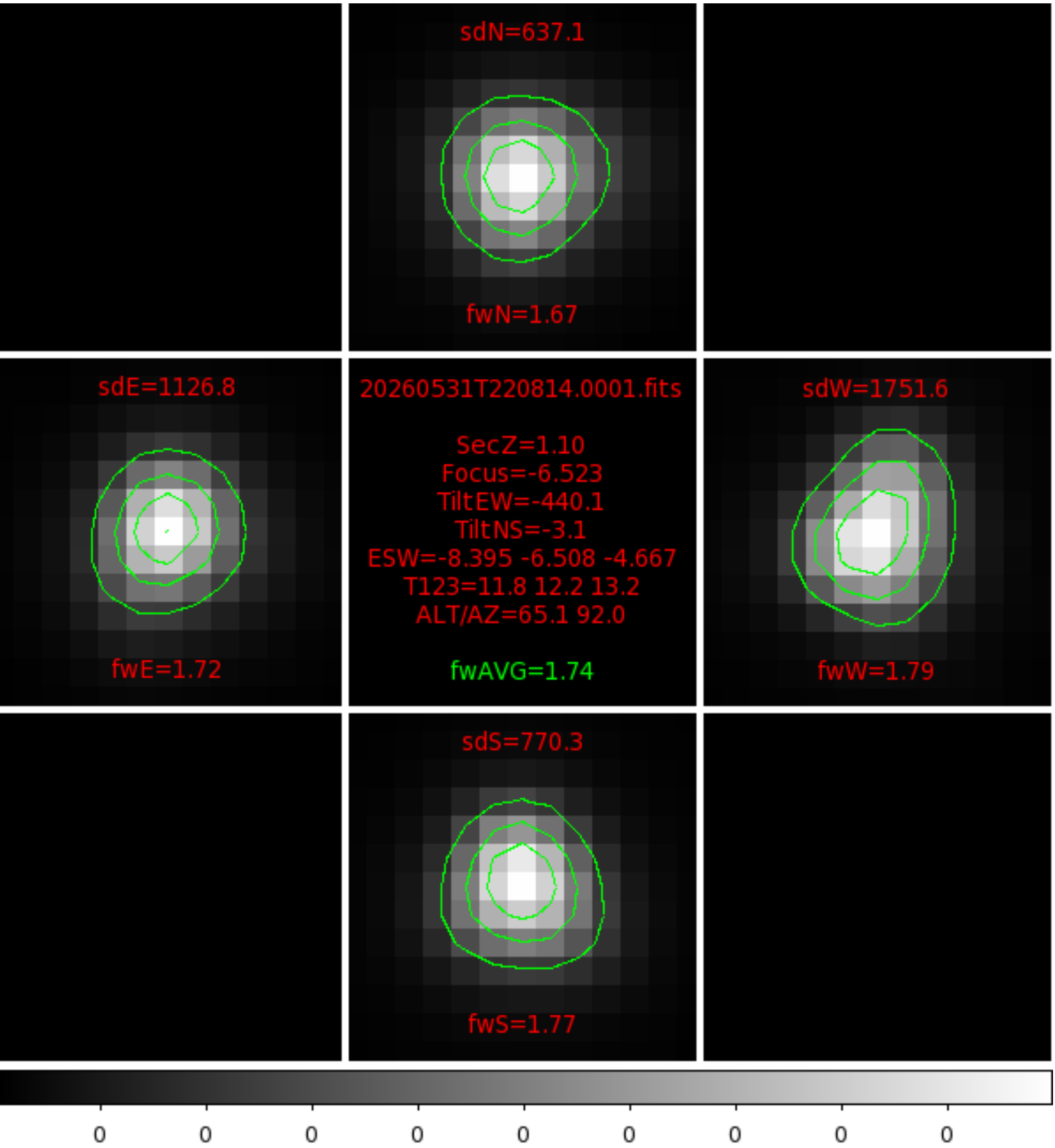
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sdE=1126.8
fwE=1.72
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SecZ=1.10
Focus=-6.523
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.395 -6.508 -4.667
T123=11.8 12.2 13.2
ALT/AZ=65.1 92.0
fwAVG=1.74
sdW=1751.6
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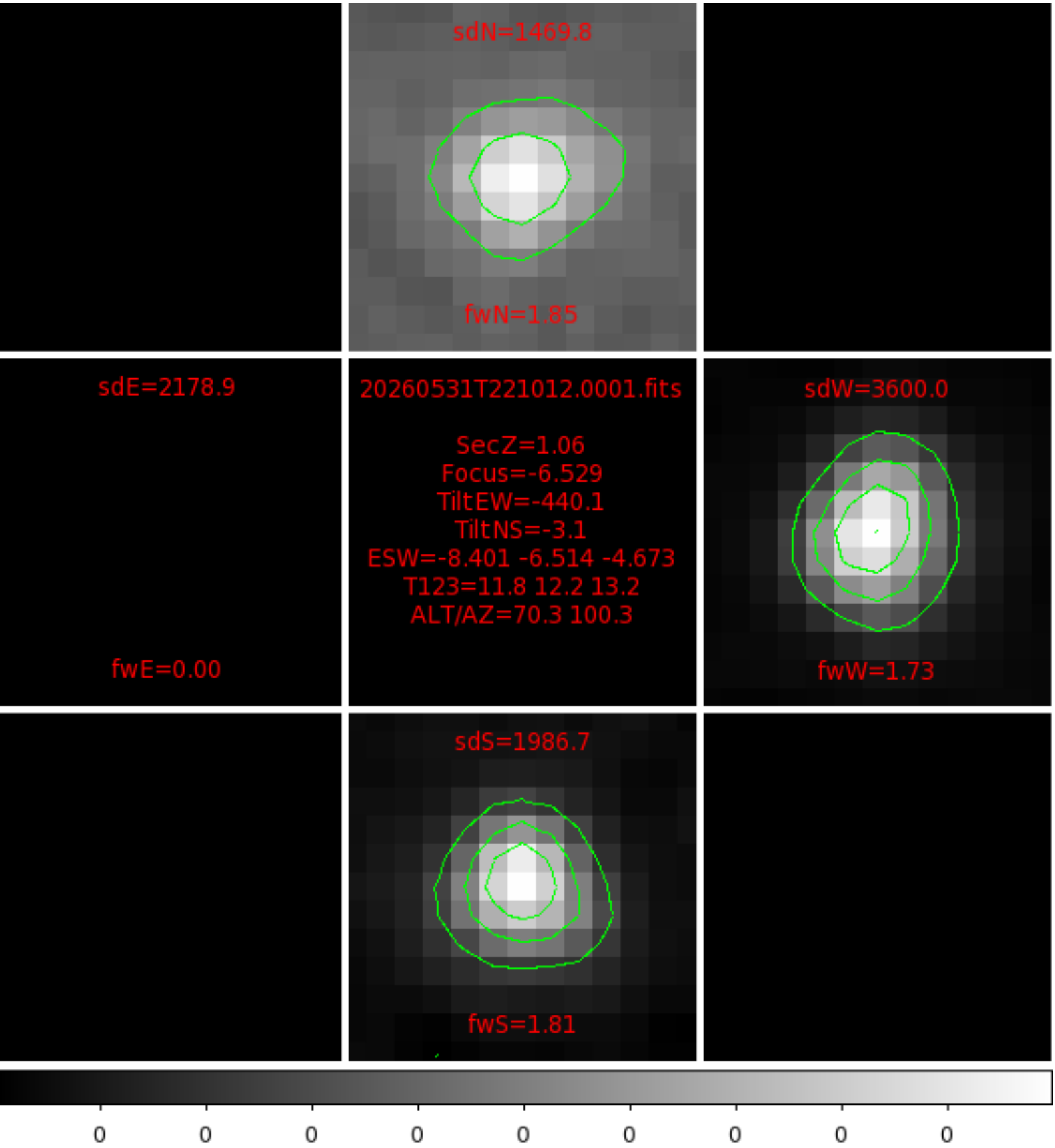
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SecZ=1.06
Focus=-6.529
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.401 -6.514 -4.673
T123=11.8 12.2 13.2
ALT/AZ=70.3 100.3
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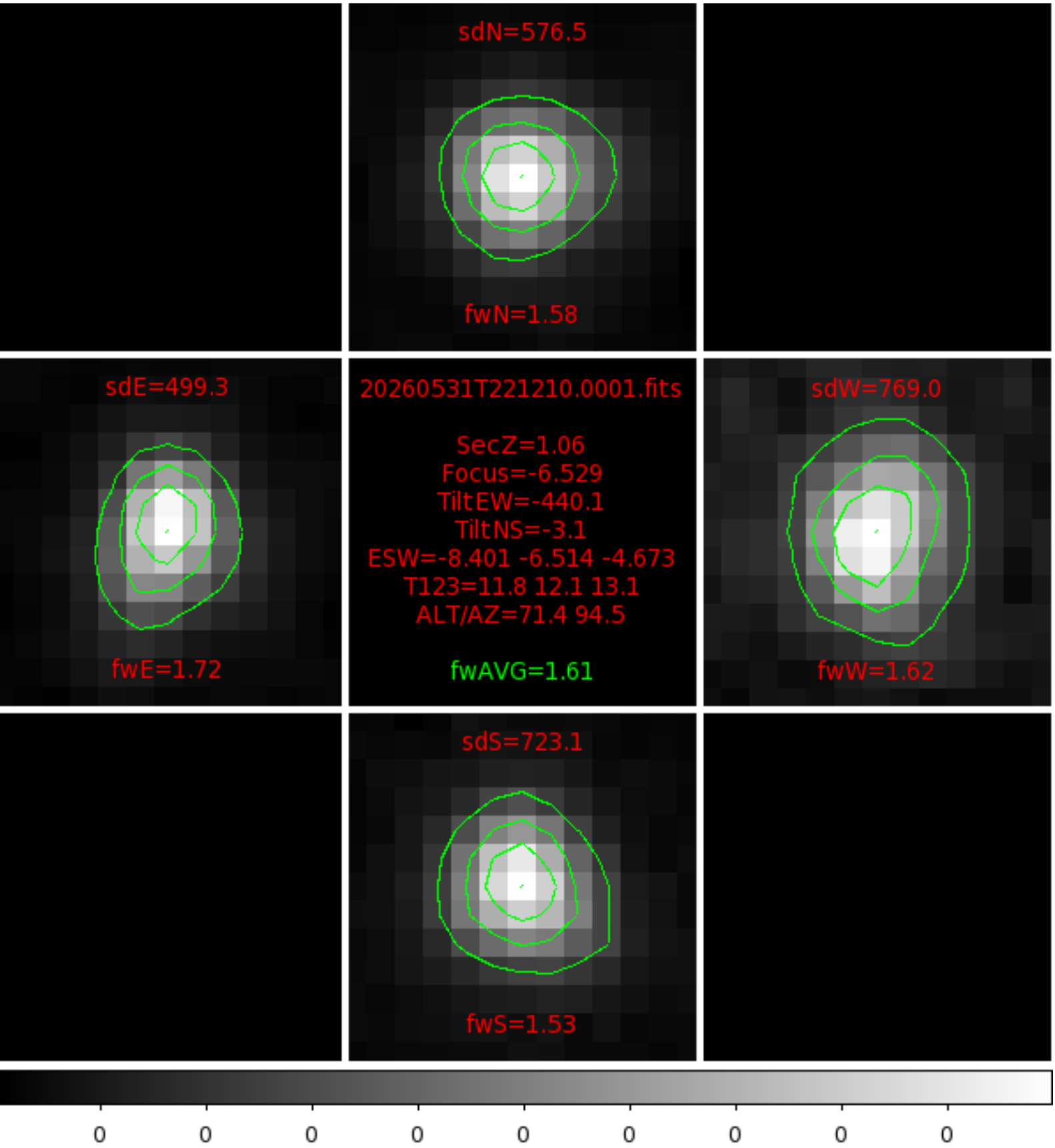
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SecZ=1.06
Focus=-6.529
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.401 -6.514 -4.673
T123=11.8 12.1 13.1
ALT/AZ=71.4 94.5
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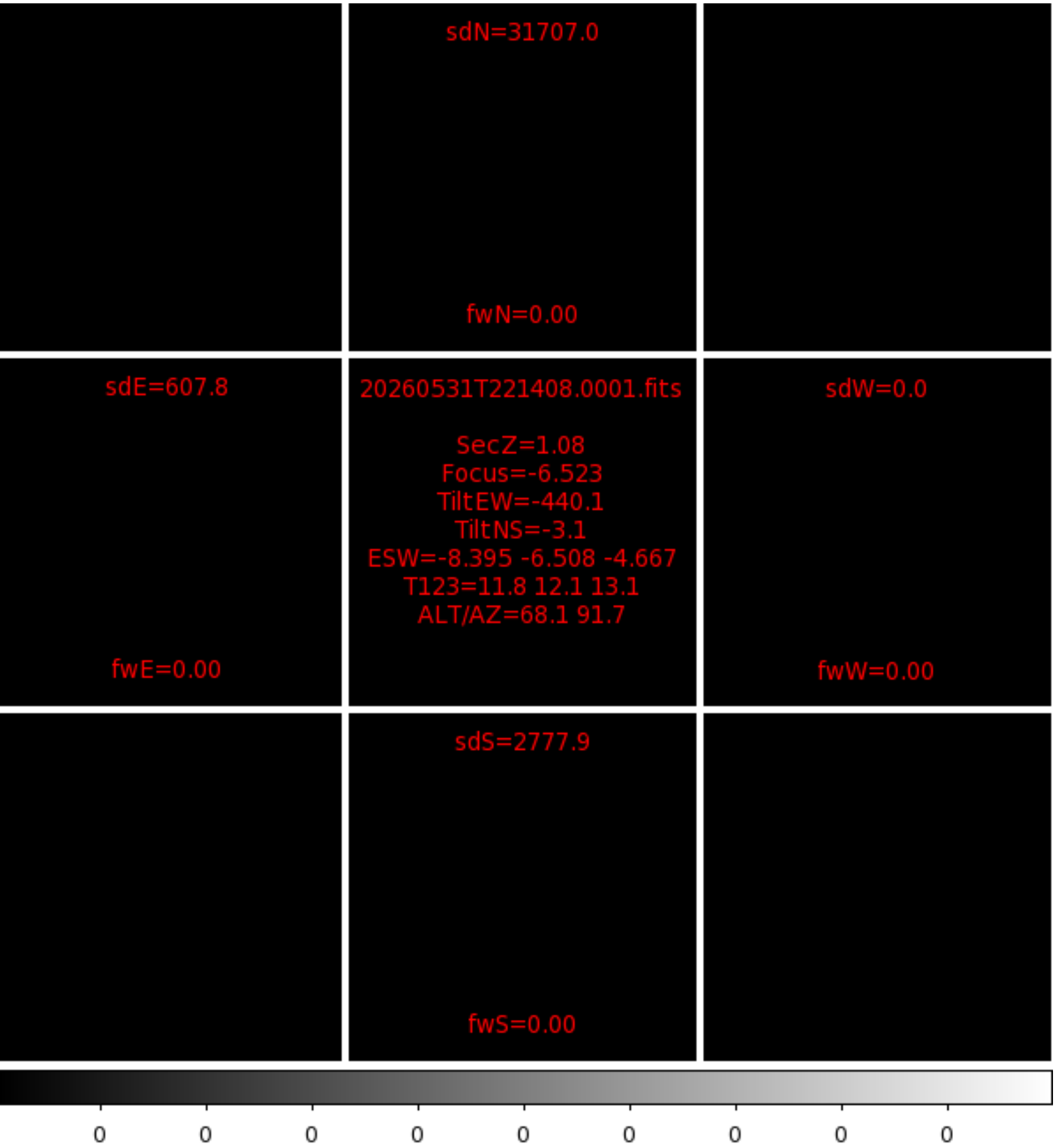
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SecZ=1.08
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.395 -6.508 -4.667
T123=11.8 12.1 13.1
ALT/AZ=68.1 91.7
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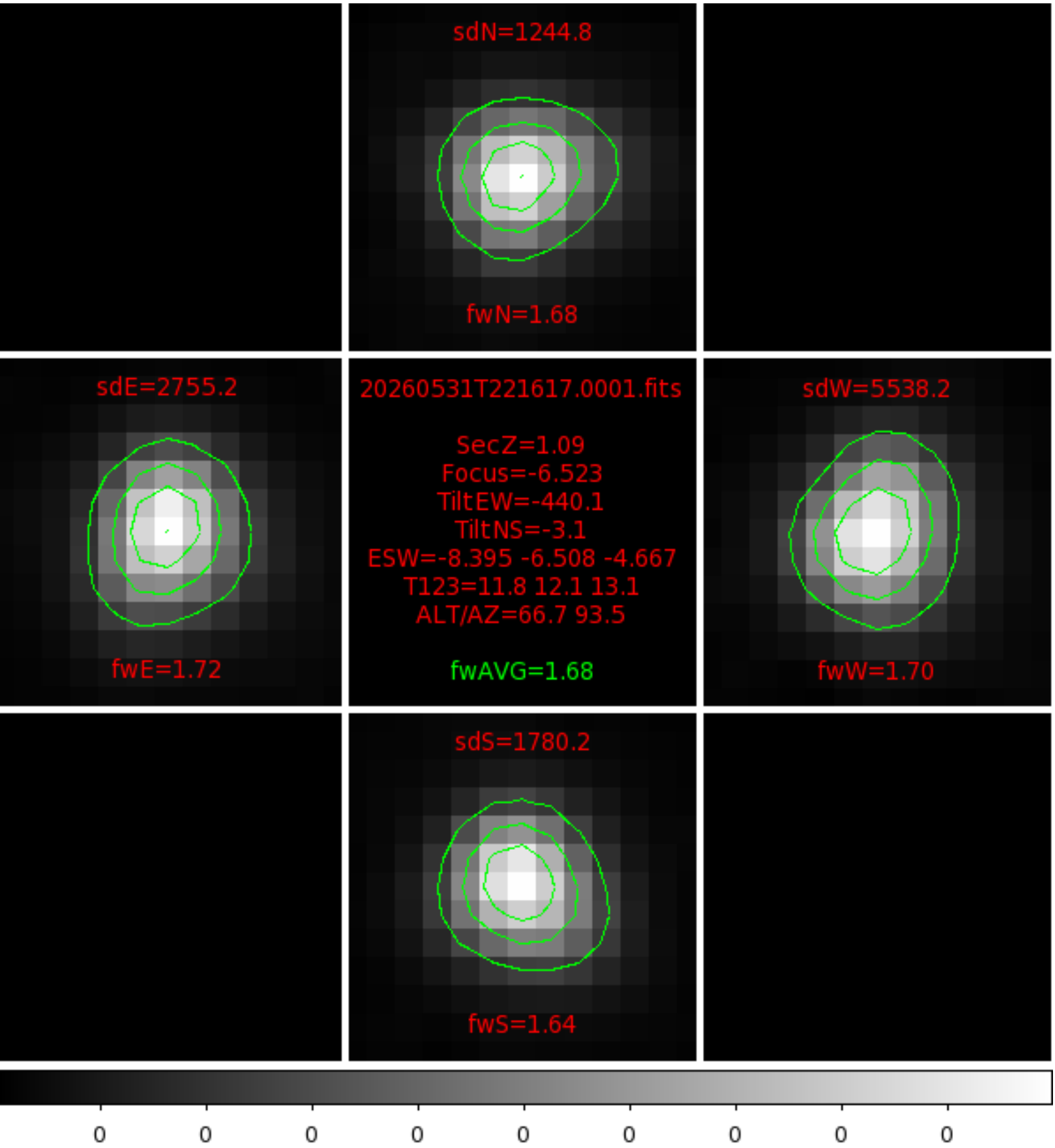
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SecZ=1.09
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TiltNS=-3.1
ESW=-8.395 -6.508 -4.667
T123=11.8 12.1 13.1
ALT/AZ=66.7 93.5
fwAVG=1.68
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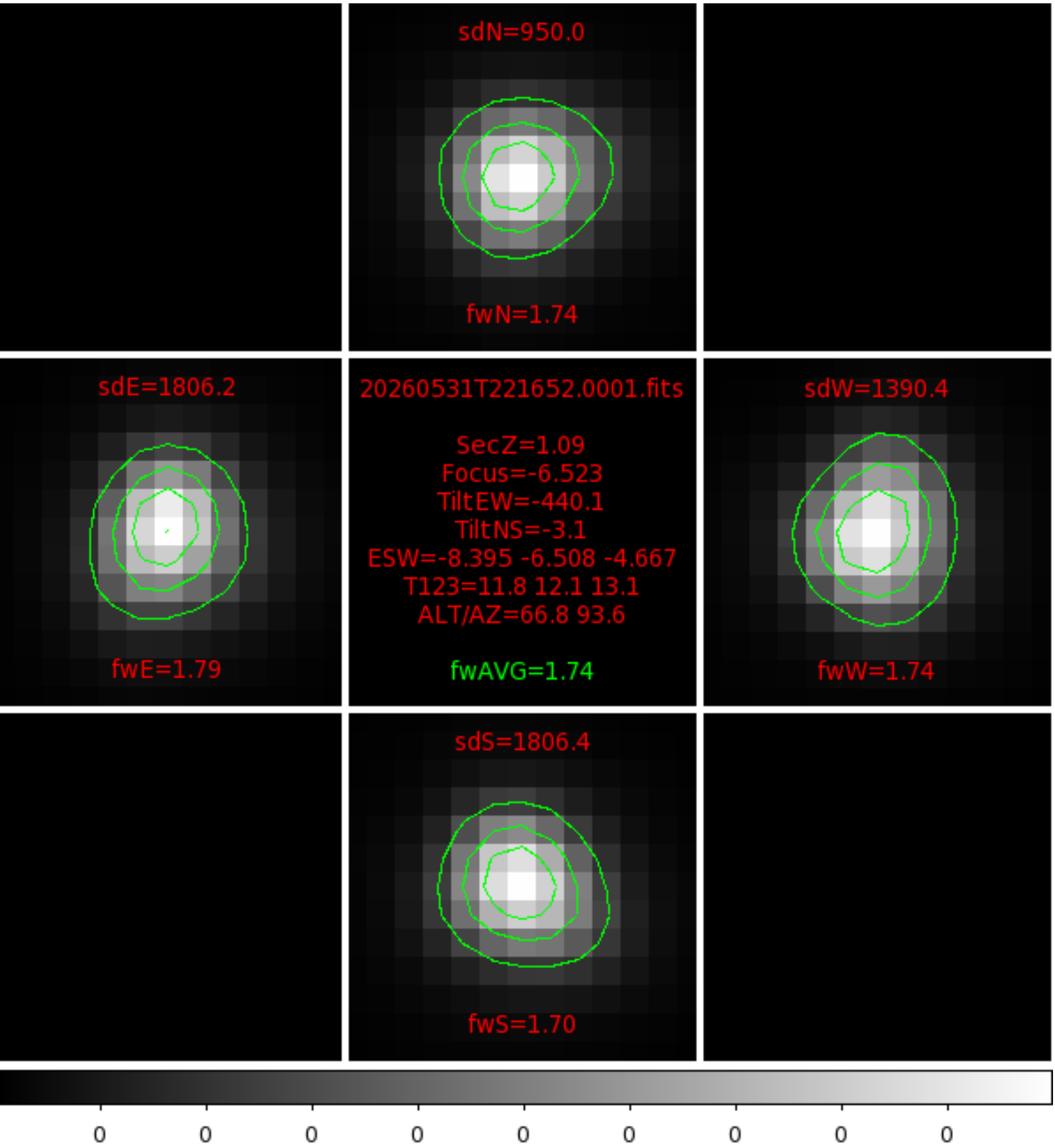
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sdE=1806.2
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SecZ=1.09
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TiltNS=-3.1
ESW=-8.395 -6.508 -4.667
T123=11.8 12.1 13.1
ALT/AZ=66.8 93.6
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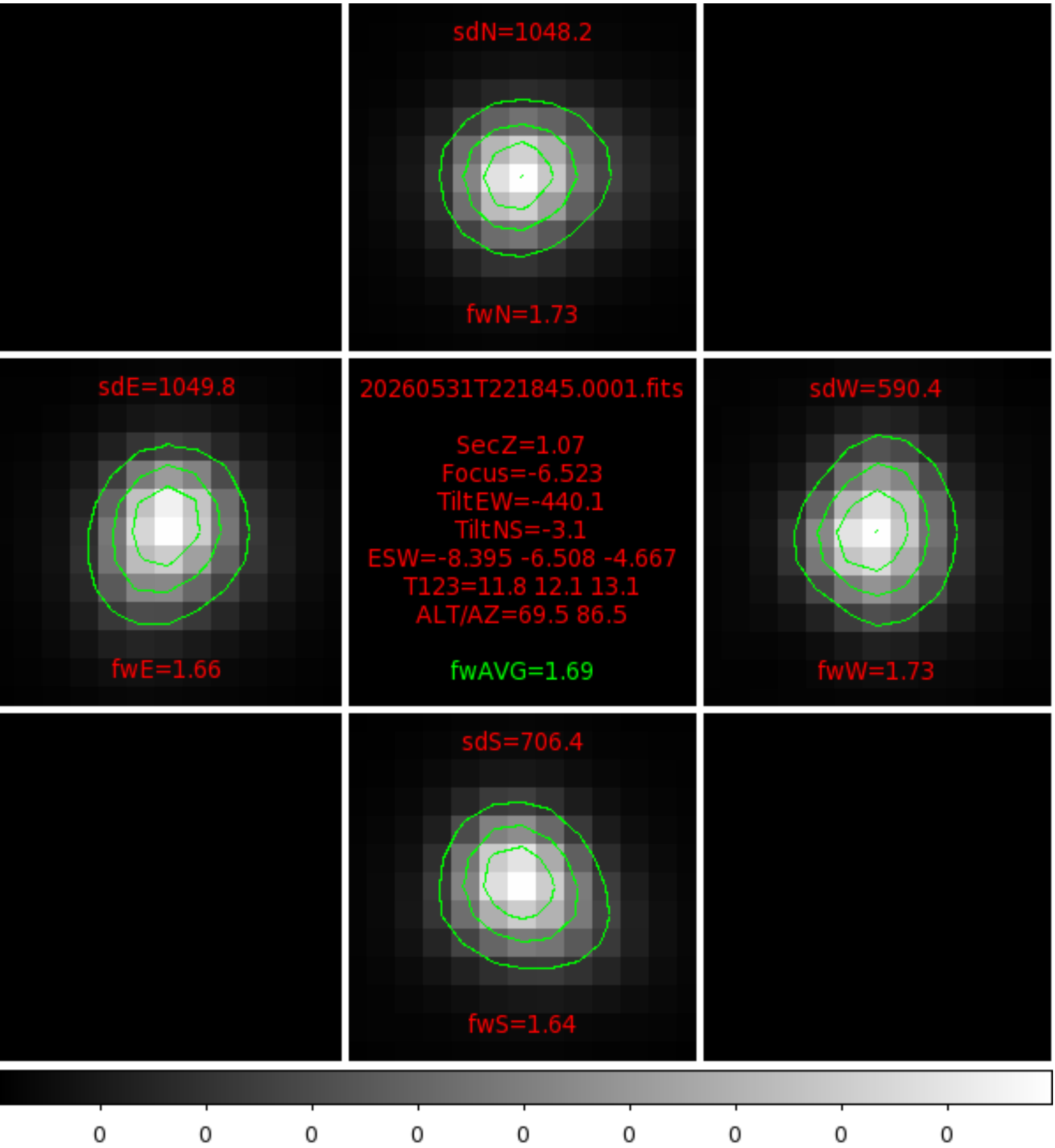
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SecZ=1.07
Focus=-6.523
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.395 -6.508 -4.667
T123=11.8 12.1 13.1
ALT/AZ=69.5 86.5
fwAVG=1.69
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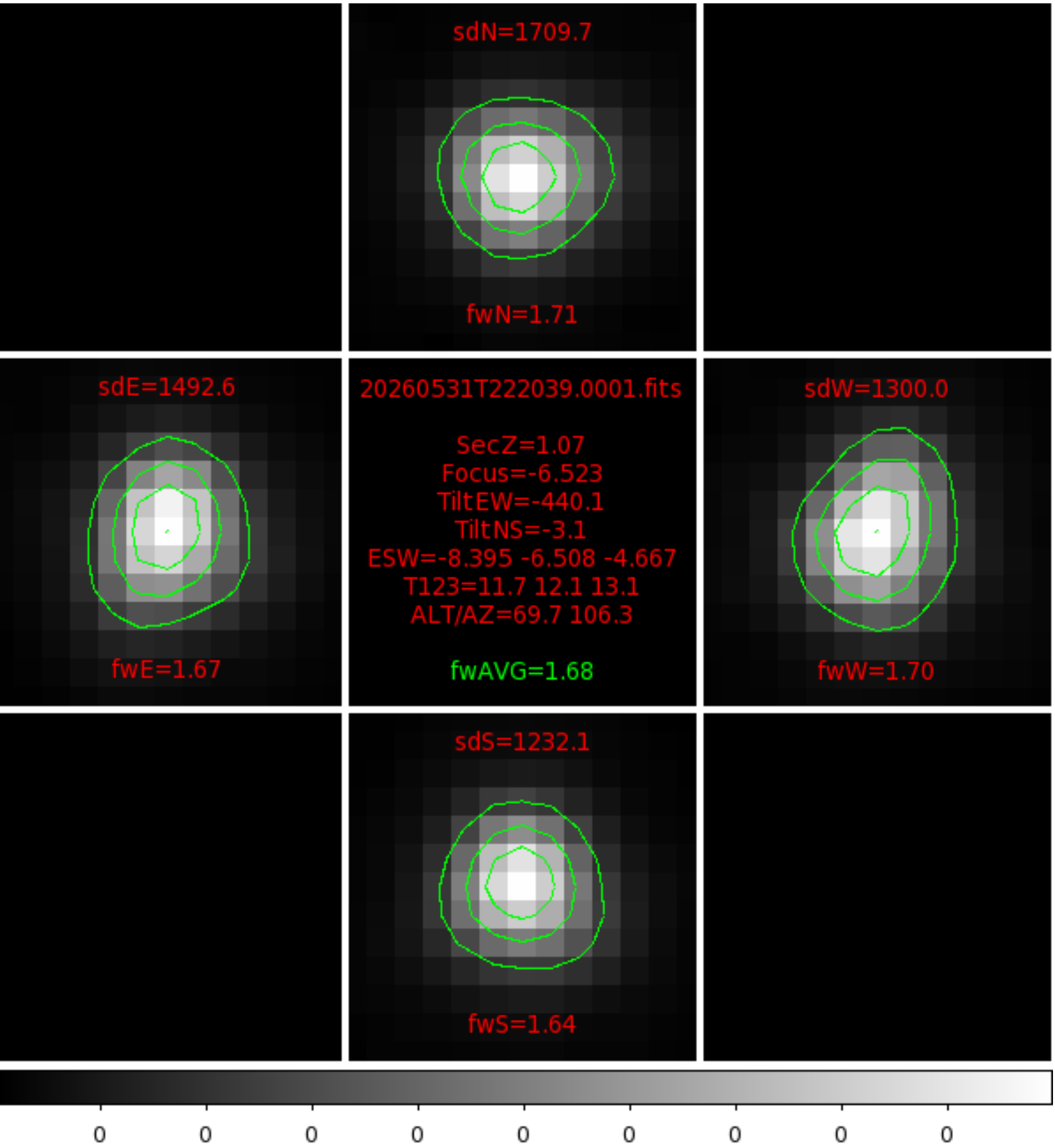
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SecZ=1.07
Focus=-6.523
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.395 -6.508 -4.667
T123=11.7 12.1 13.1
ALT/AZ=69.7 106.3
fwAVG=1.68
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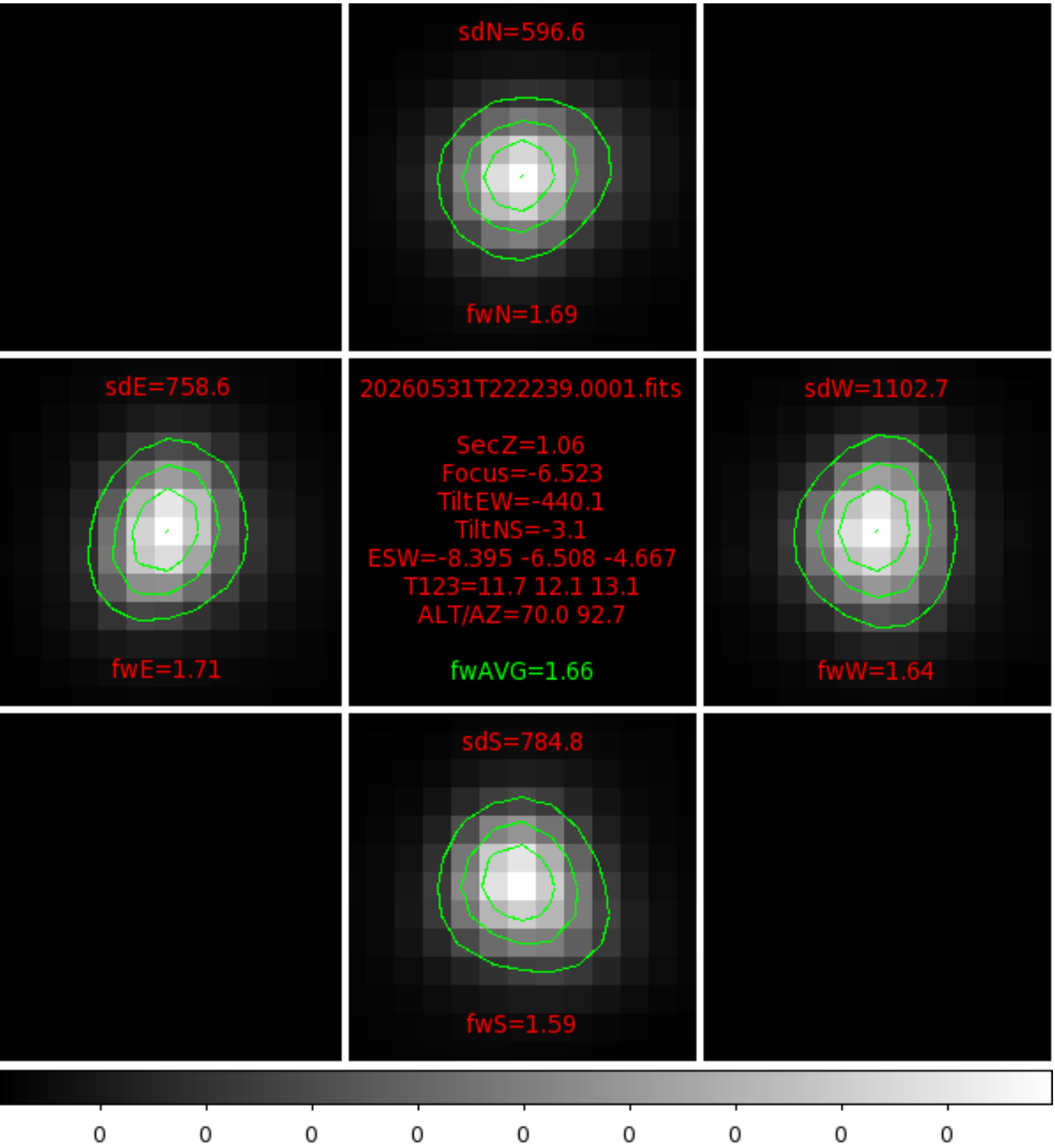
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ESW=-8.395 -6.508 -4.667
T123=11.7 12.1 13.1
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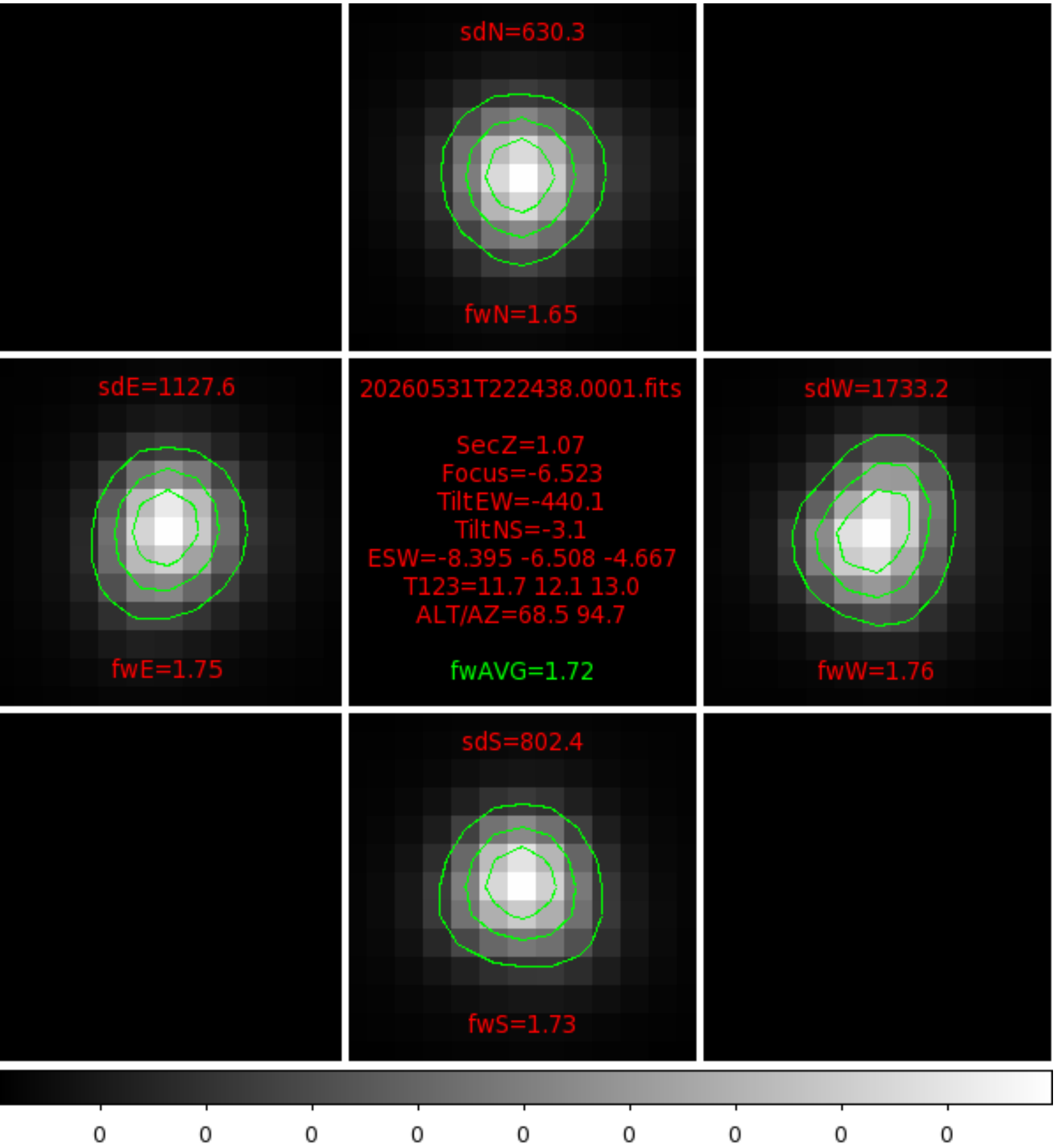
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TiltNS=-3.1
ESW=-8.395 -6.508 -4.667
T123=11.7 12.1 13.0
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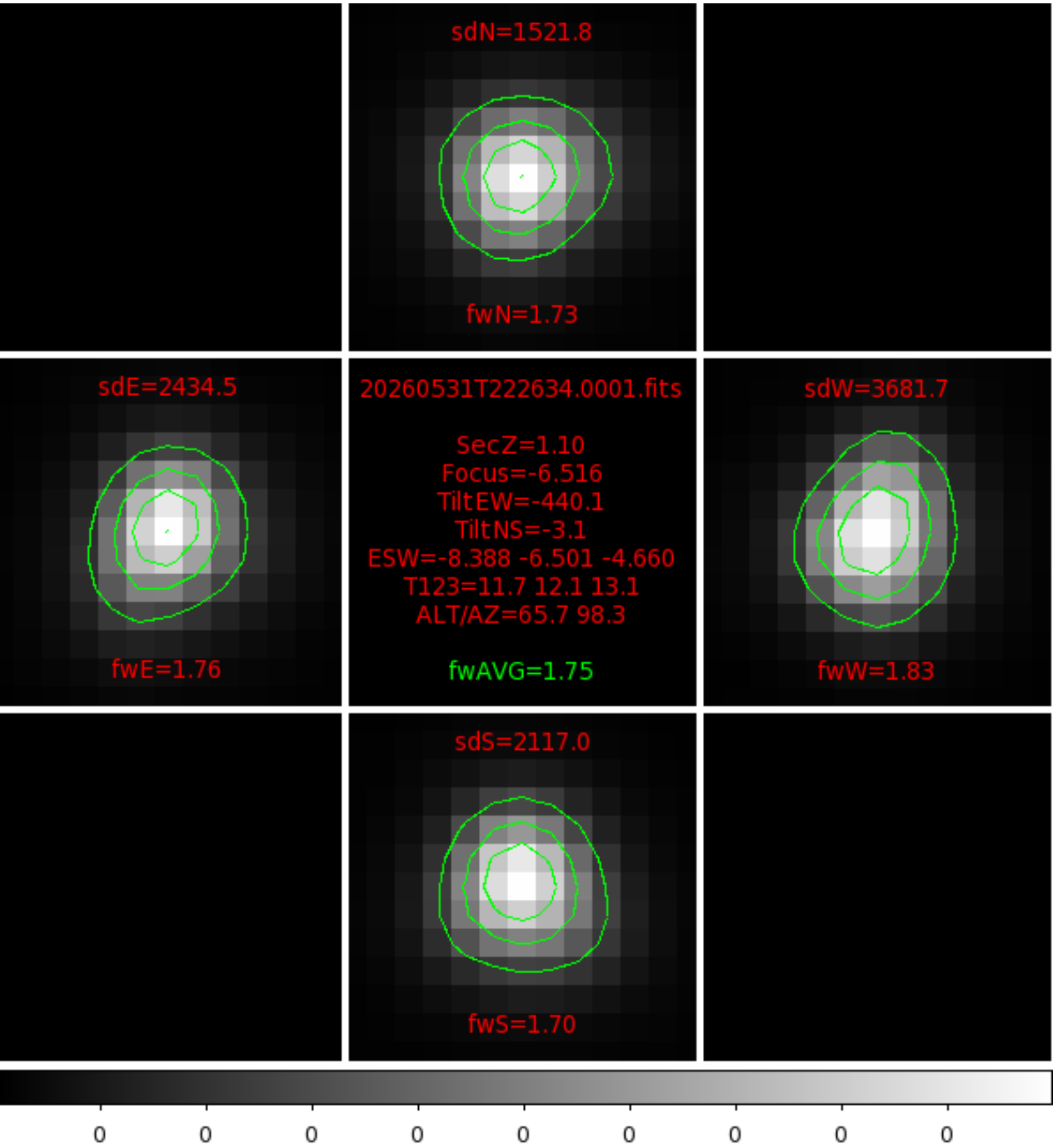
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SecZ=1.10
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TiltNS=-3.1
ESW=-8.388 -6.501 -4.660
T123=11.7 12.1 13.1
ALT/AZ=65.7 98.3
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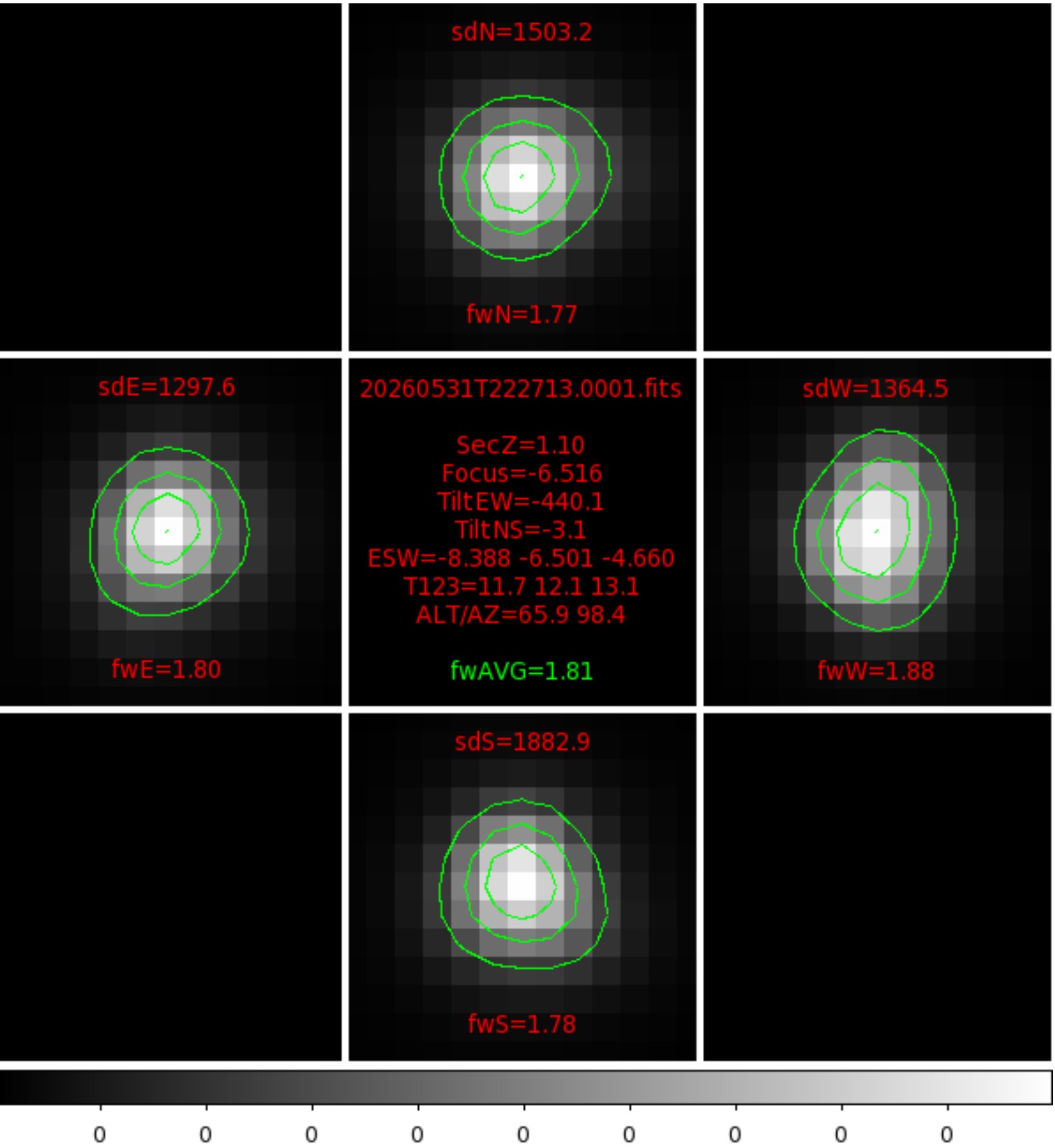
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TiltNS=-3.1
ESW=-8.388 -6.501 -4.660
T123=11.7 12.1 13.1
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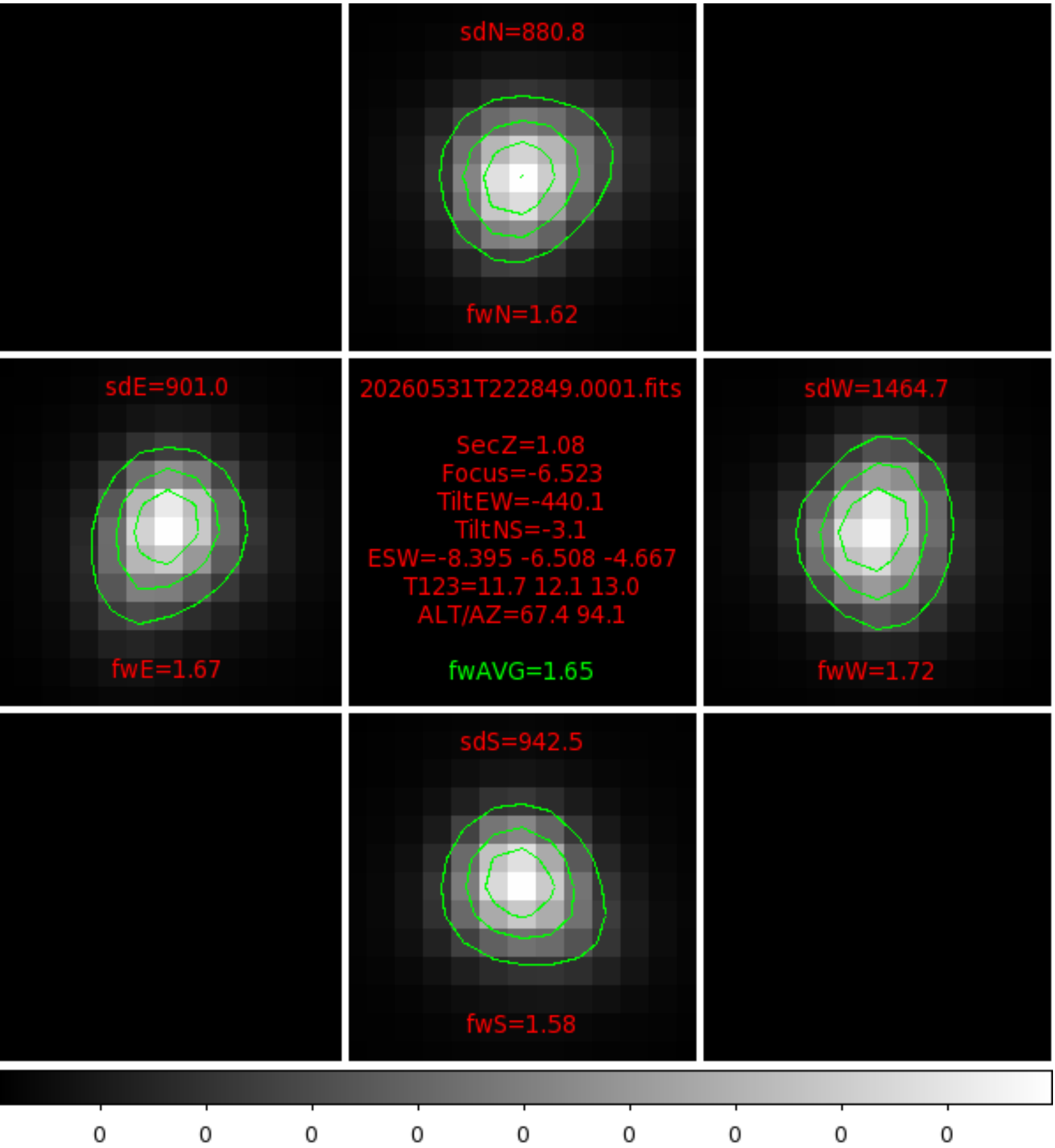
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ESW=-8.395 -6.508 -4.667
T123=11.7 12.1 13.0
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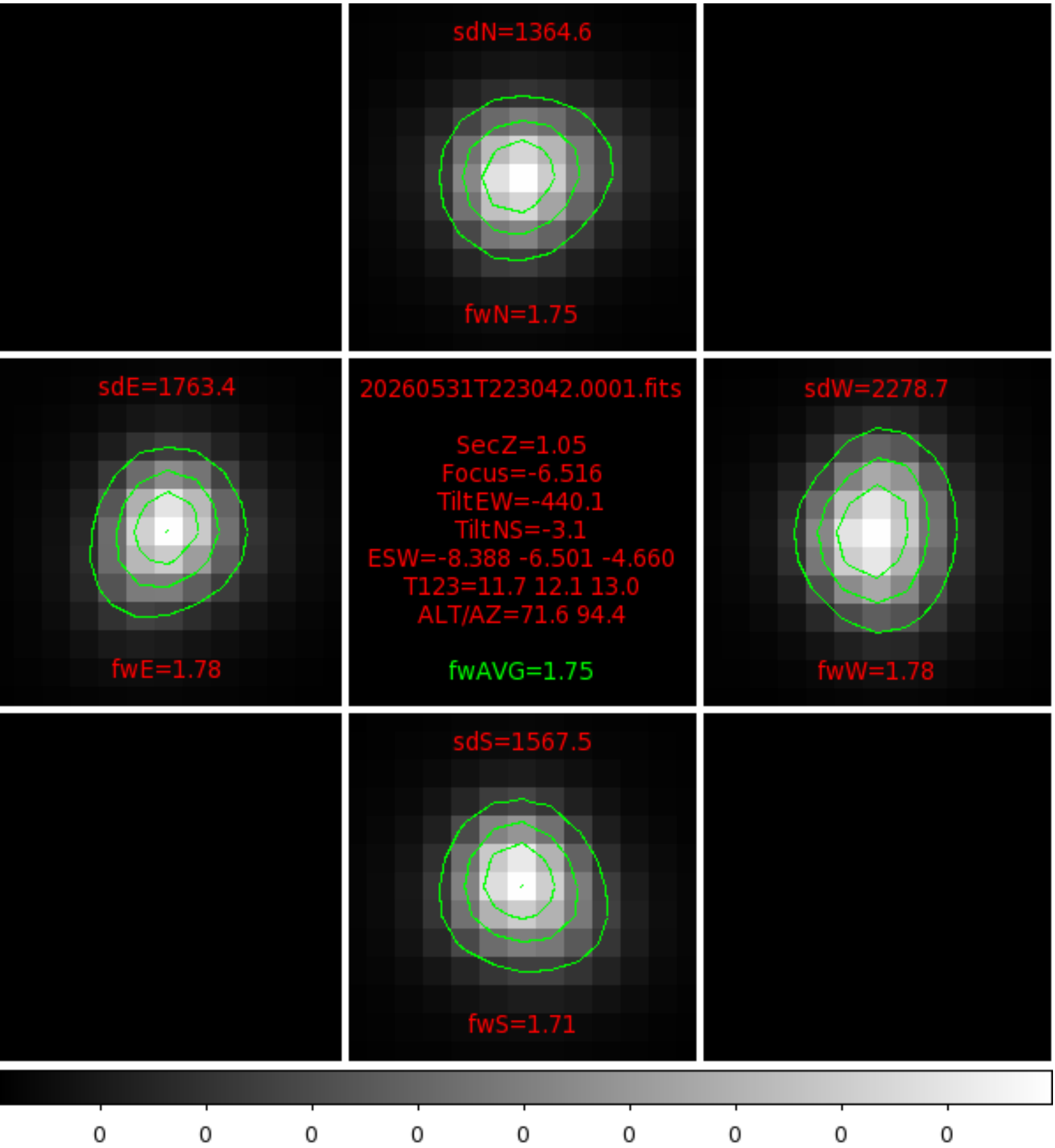
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TiltNS=-3.1
ESW=-8.388 -6.501 -4.660
T123=11.7 12.1 13.0
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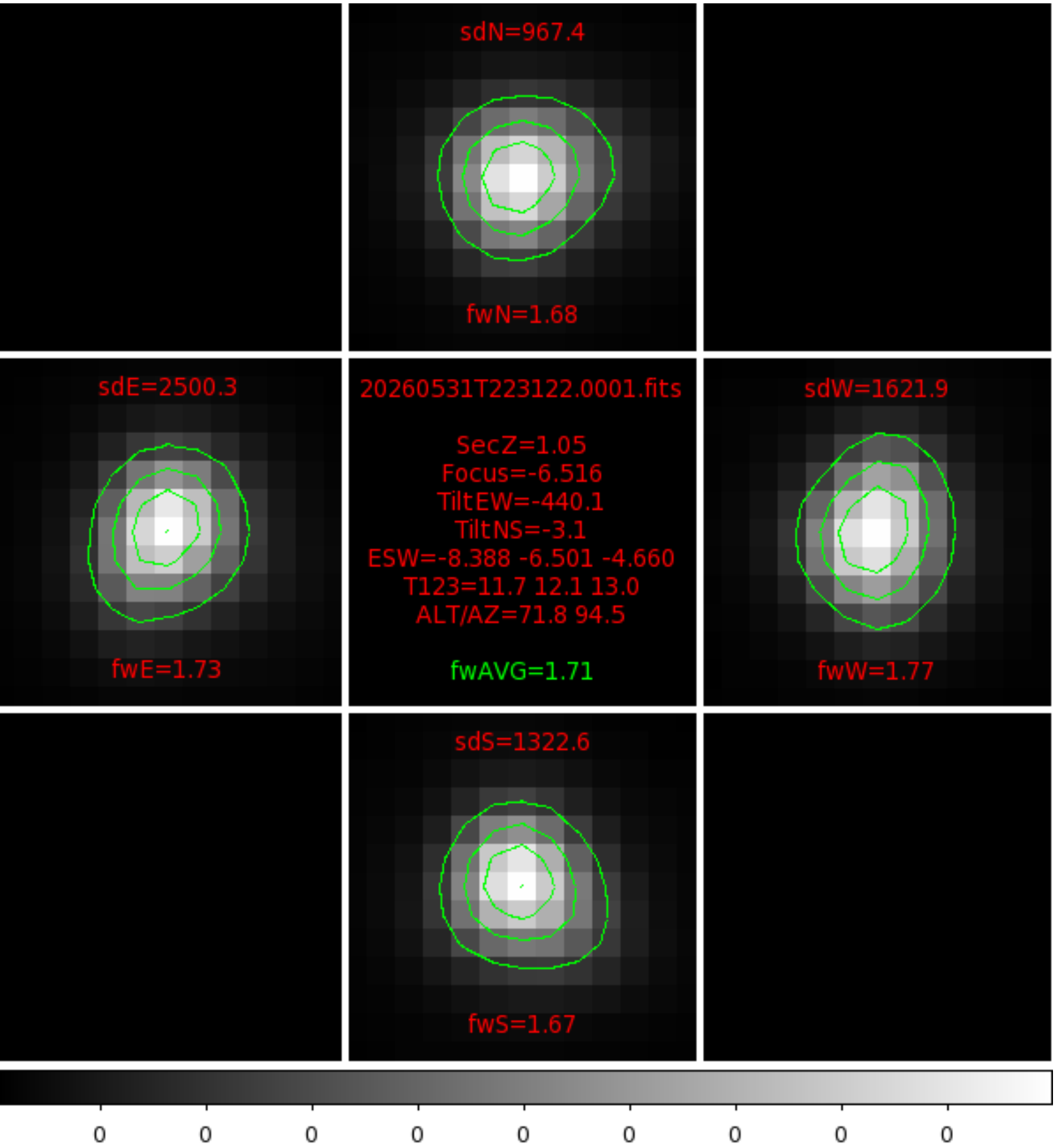
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ESW=-8.388 -6.501 -4.660
T123=11.7 12.1 13.0
ALT/AZ=71.8 94.5
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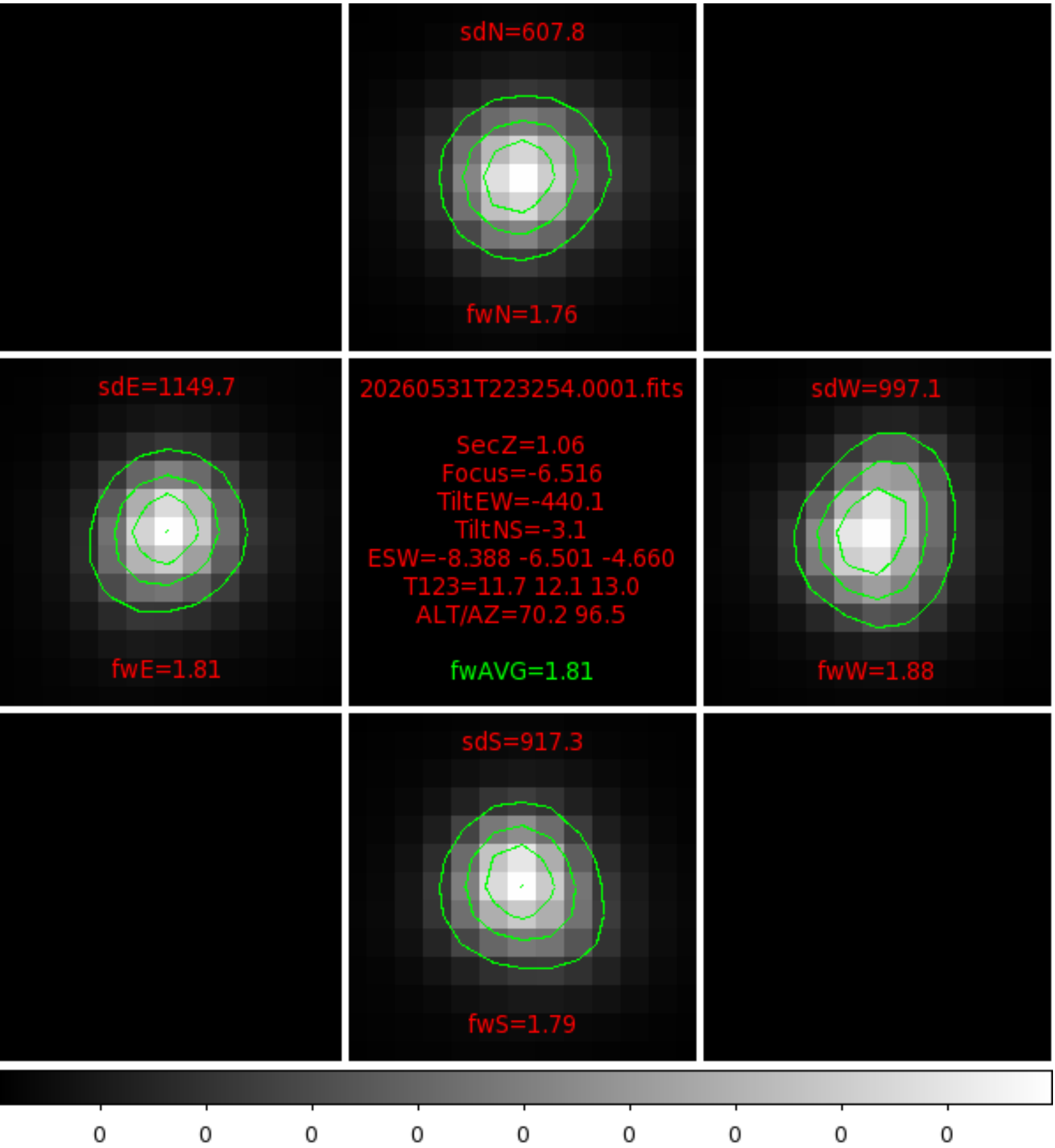
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SecZ=1.06
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.388 -6.501 -4.660
T123=11.7 12.1 13.0
ALT/AZ=70.2 96.5
fwAVG=1.81
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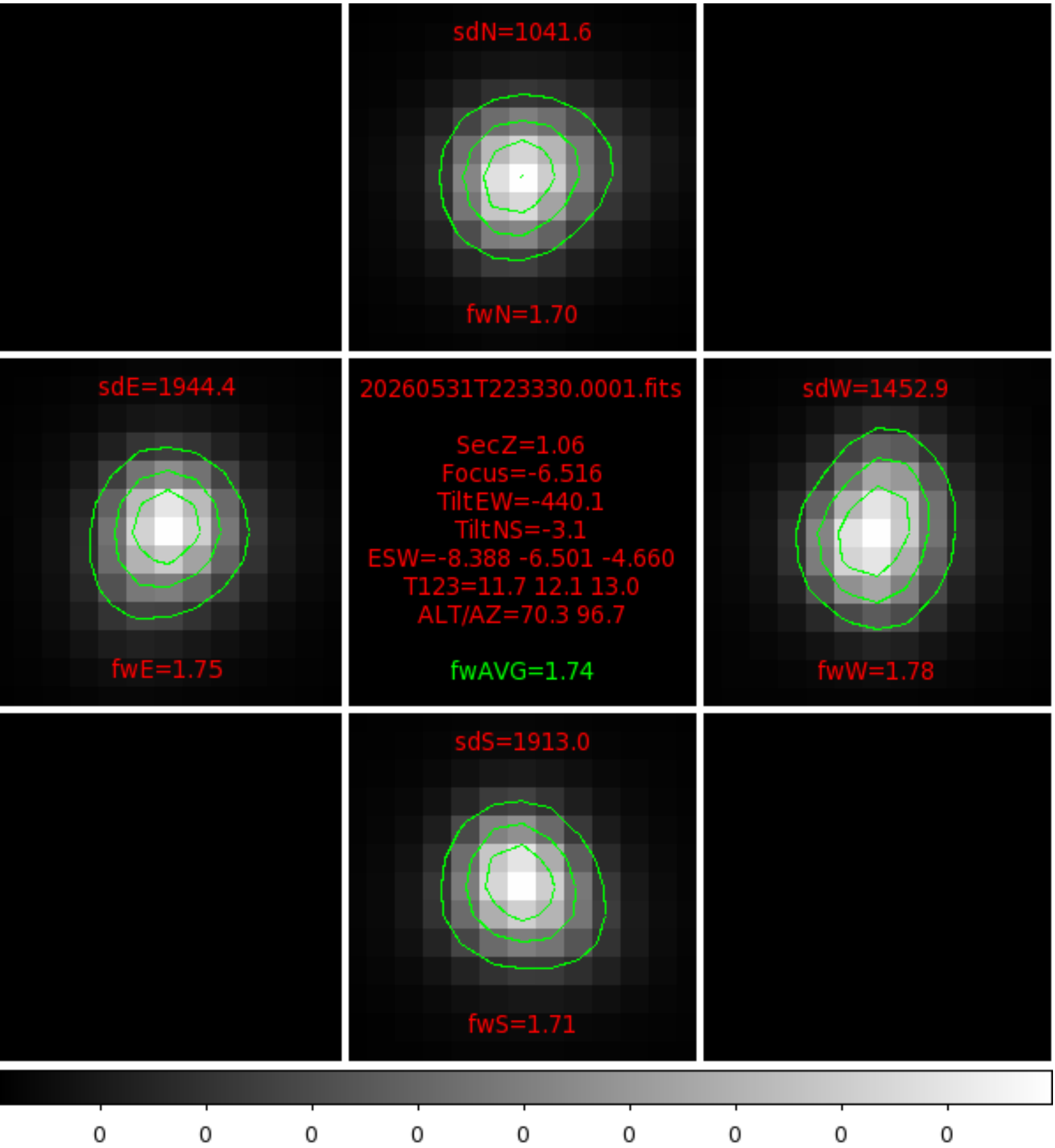
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SecZ=1.06
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.388 -6.501 -4.660
T123=11.7 12.1 13.0
ALT/AZ=70.3 96.7
fwAVG=1.74
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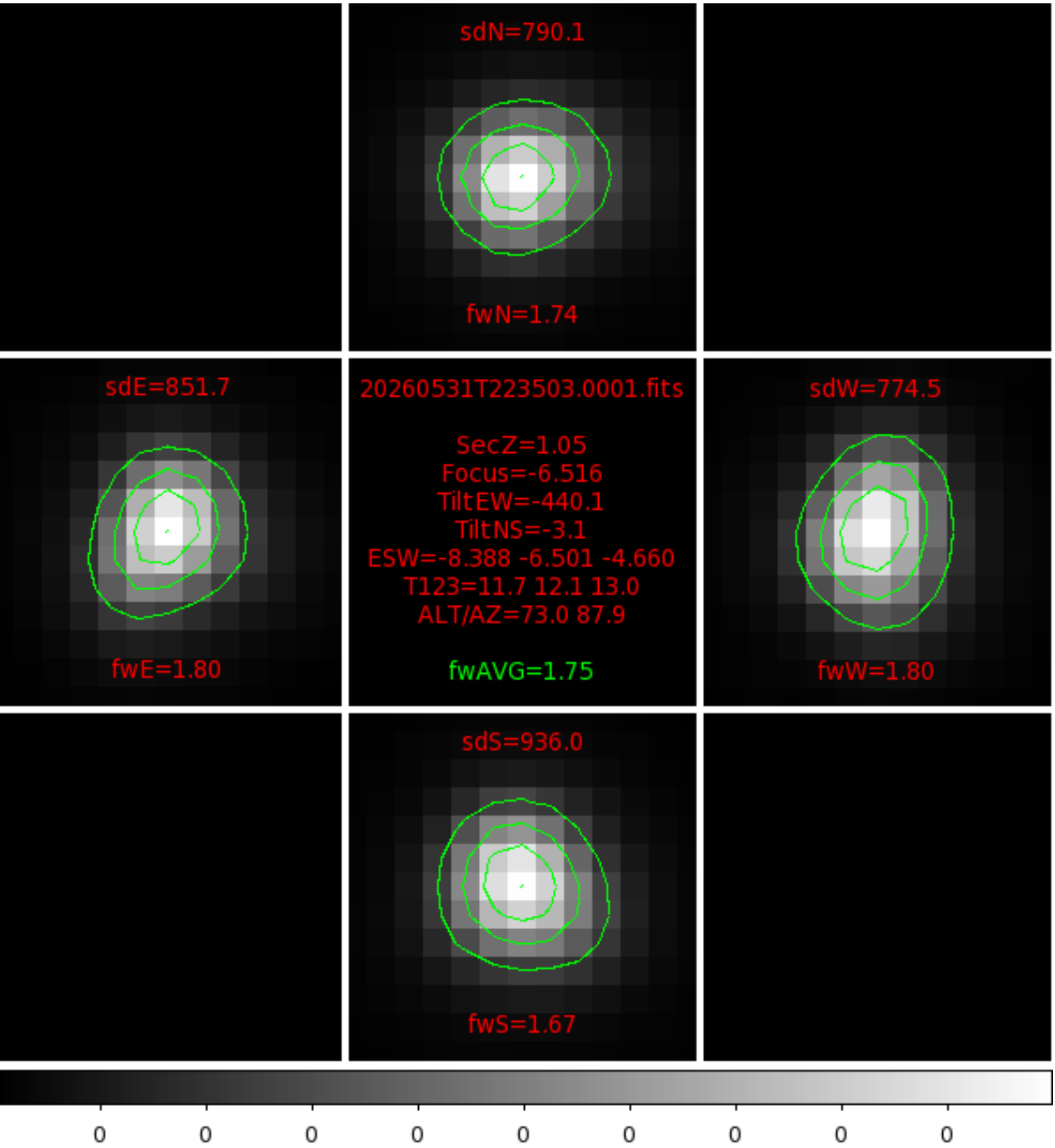
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TiltNS=-3.1
ESW=-8.388 -6.501 -4.660
T123=11.7 12.1 13.0
ALT/AZ=73.0 87.9
fwAVG=1.75
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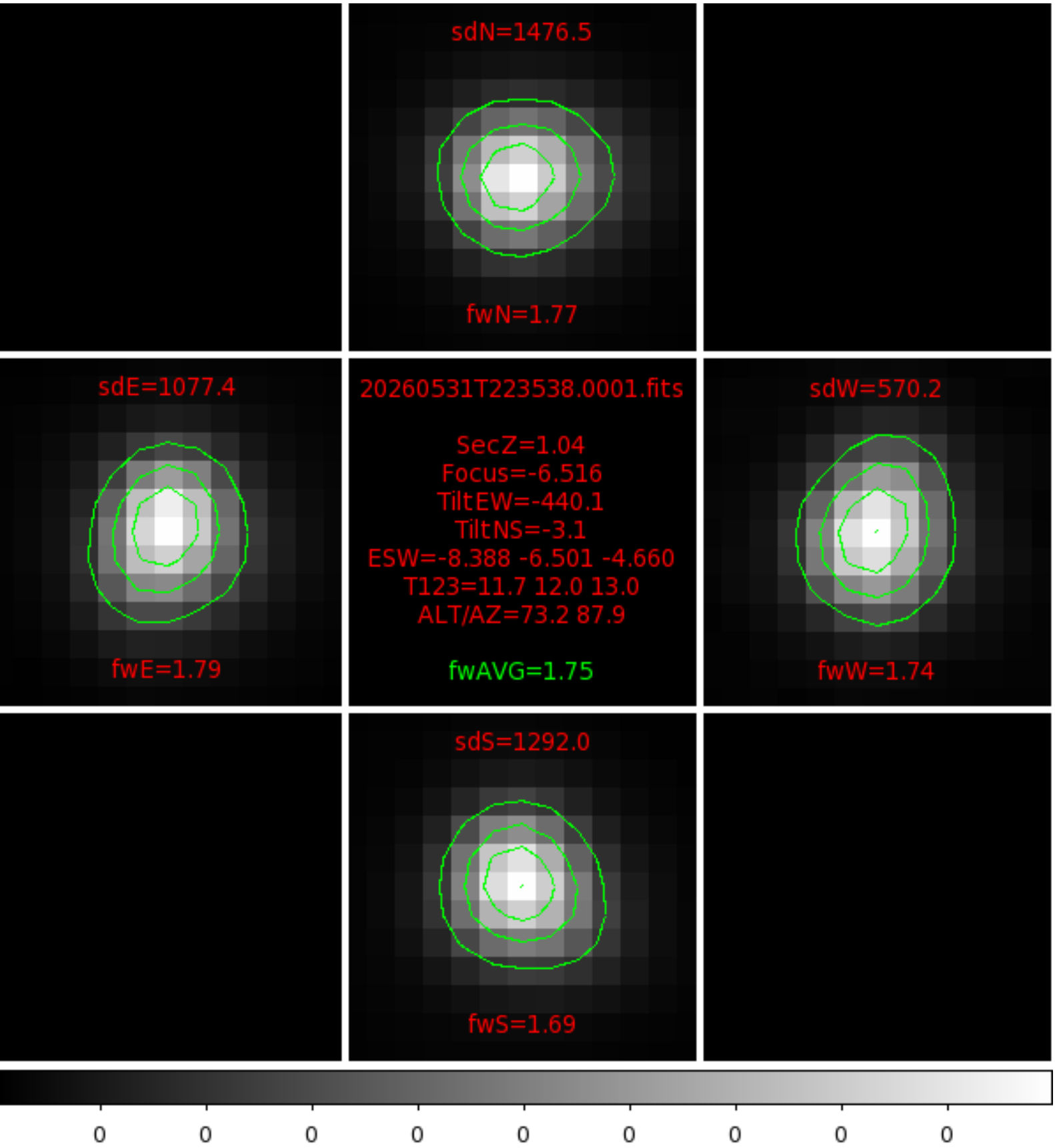
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SecZ=1.04
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TiltNS=-3.1
ESW=-8.388 -6.501 -4.660
T123=11.7 12.0 13.0
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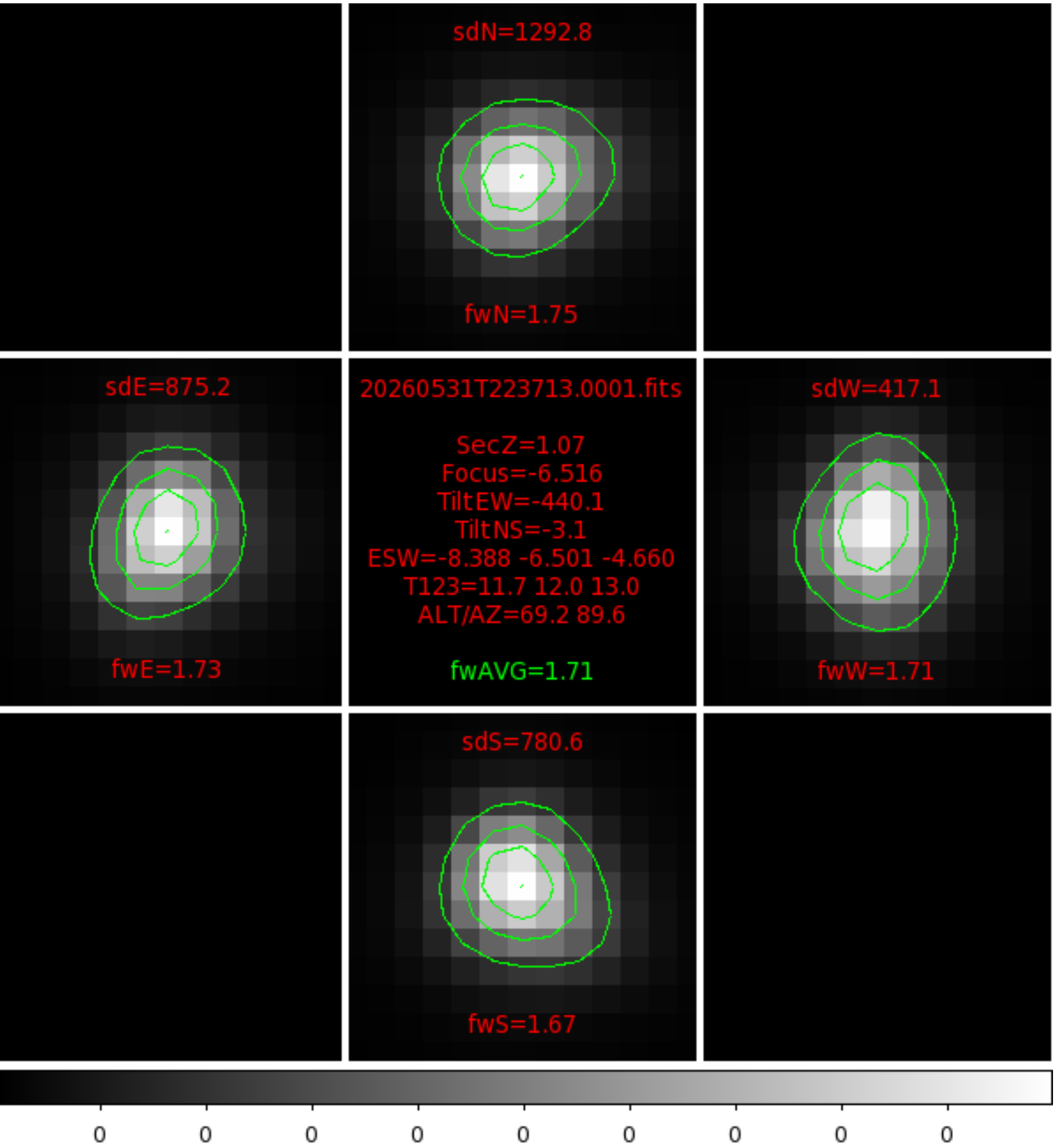
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SecZ=1.07
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.388 -6.501 -4.660
T123=11.7 12.0 13.0
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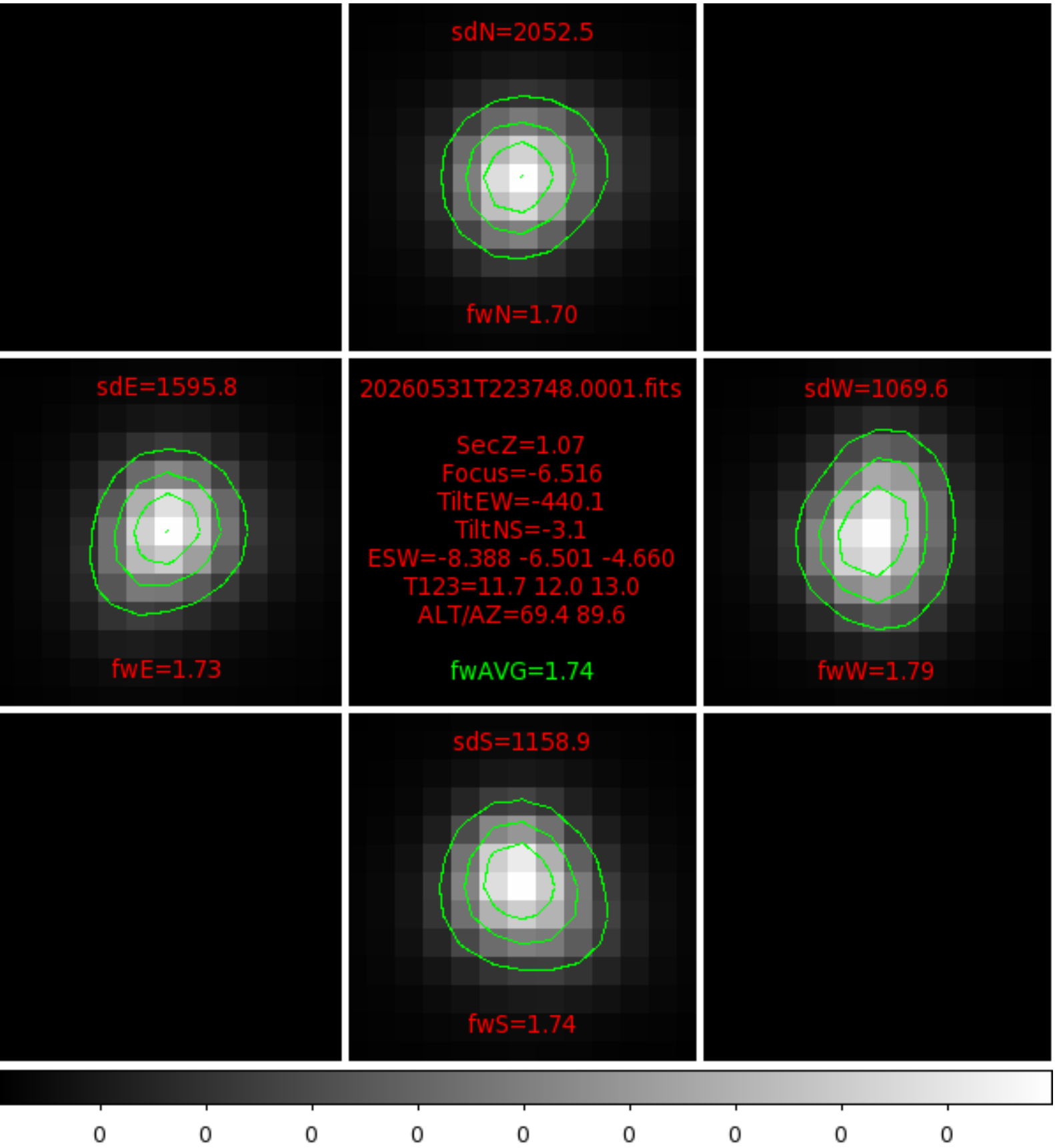
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ESW=-8.388 -6.501 -4.660
T123=11.7 12.0 13.0
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fwAVG=1.74
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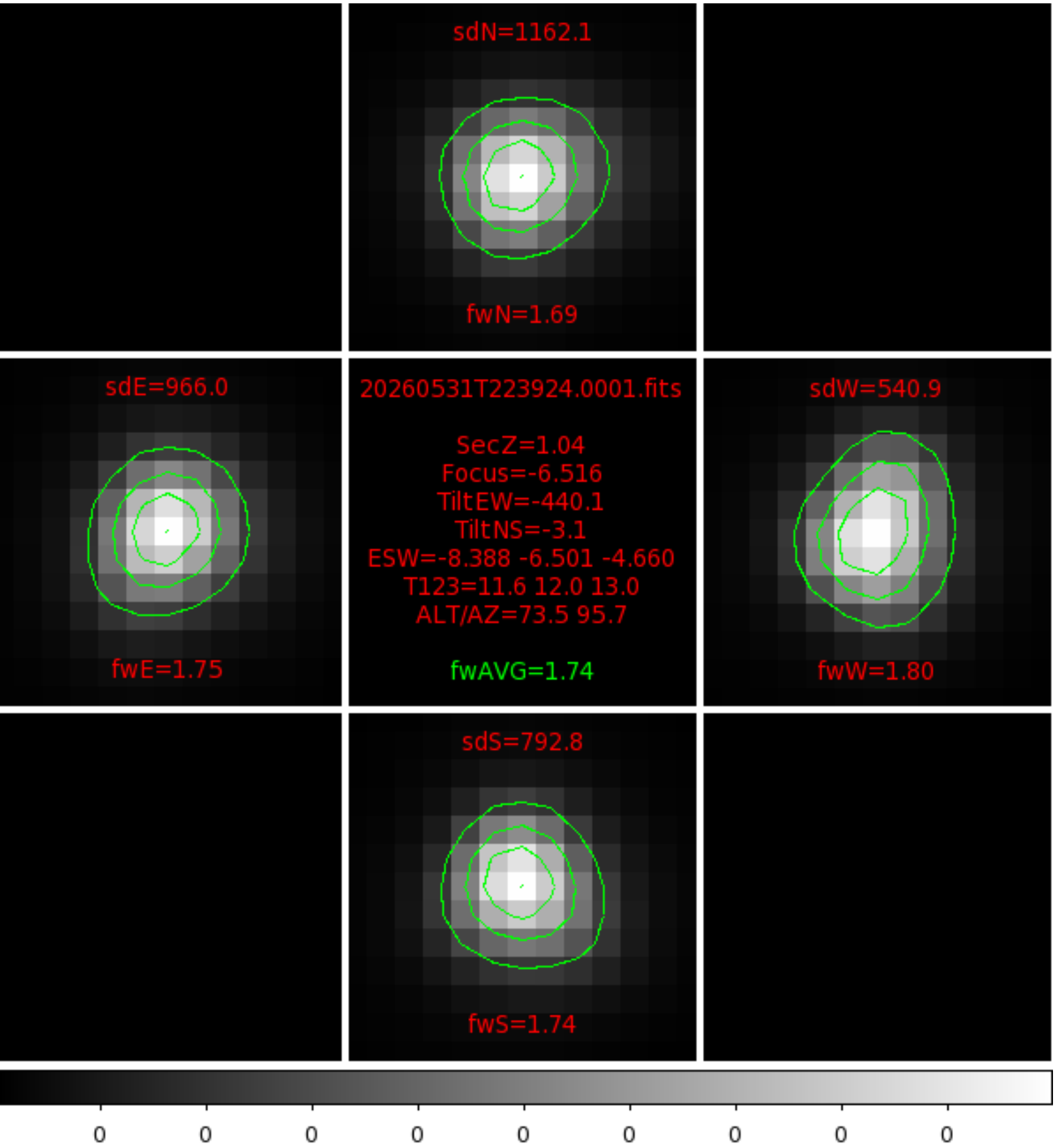
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ESW=-8.388 -6.501 -4.660
T123=11.6 12.0 13.0
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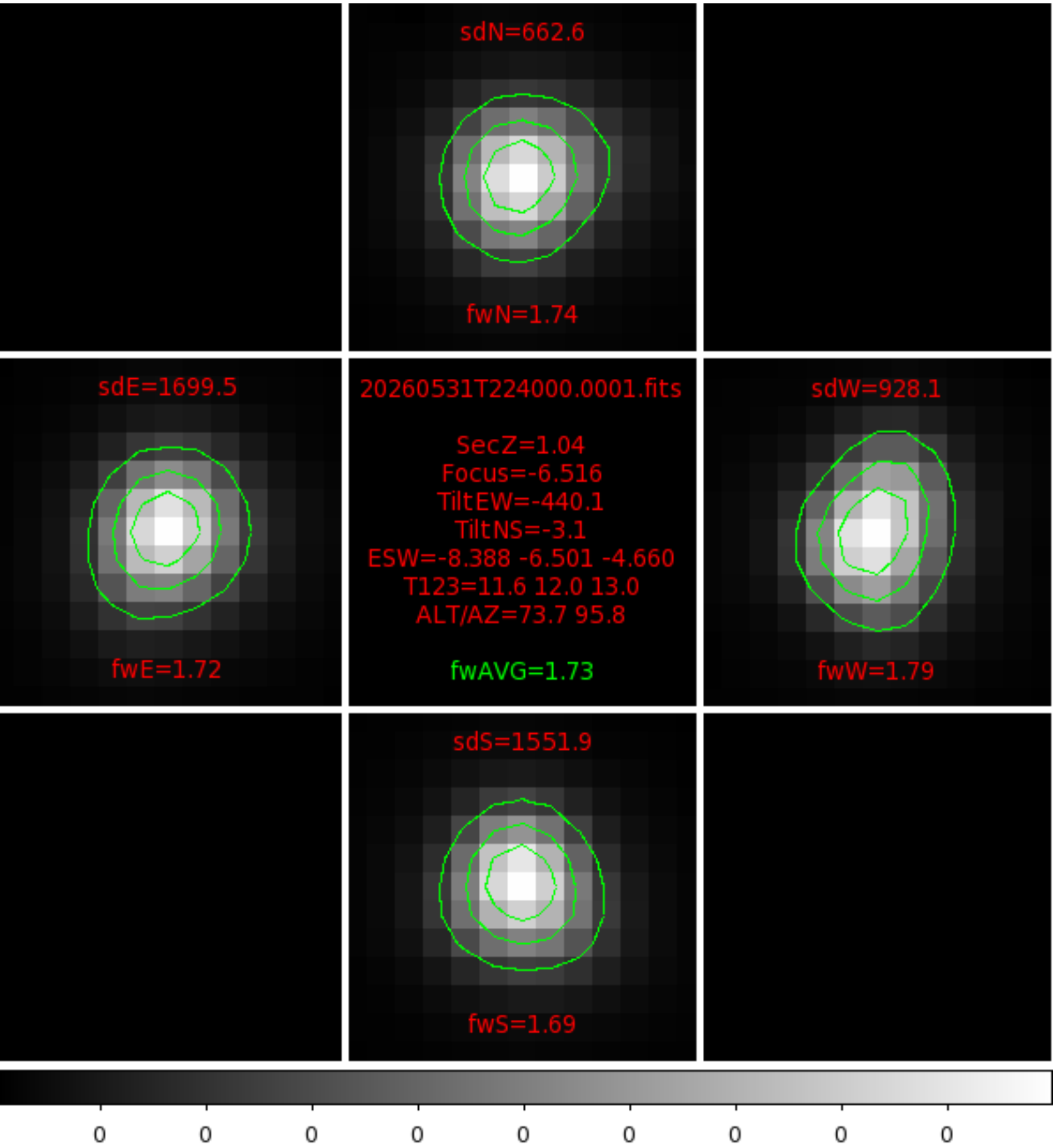
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SecZ=1.04
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.388 -6.501 -4.660
T123=11.6 12.0 13.0
ALT/AZ=73.7 95.8
fwAVG=1.73
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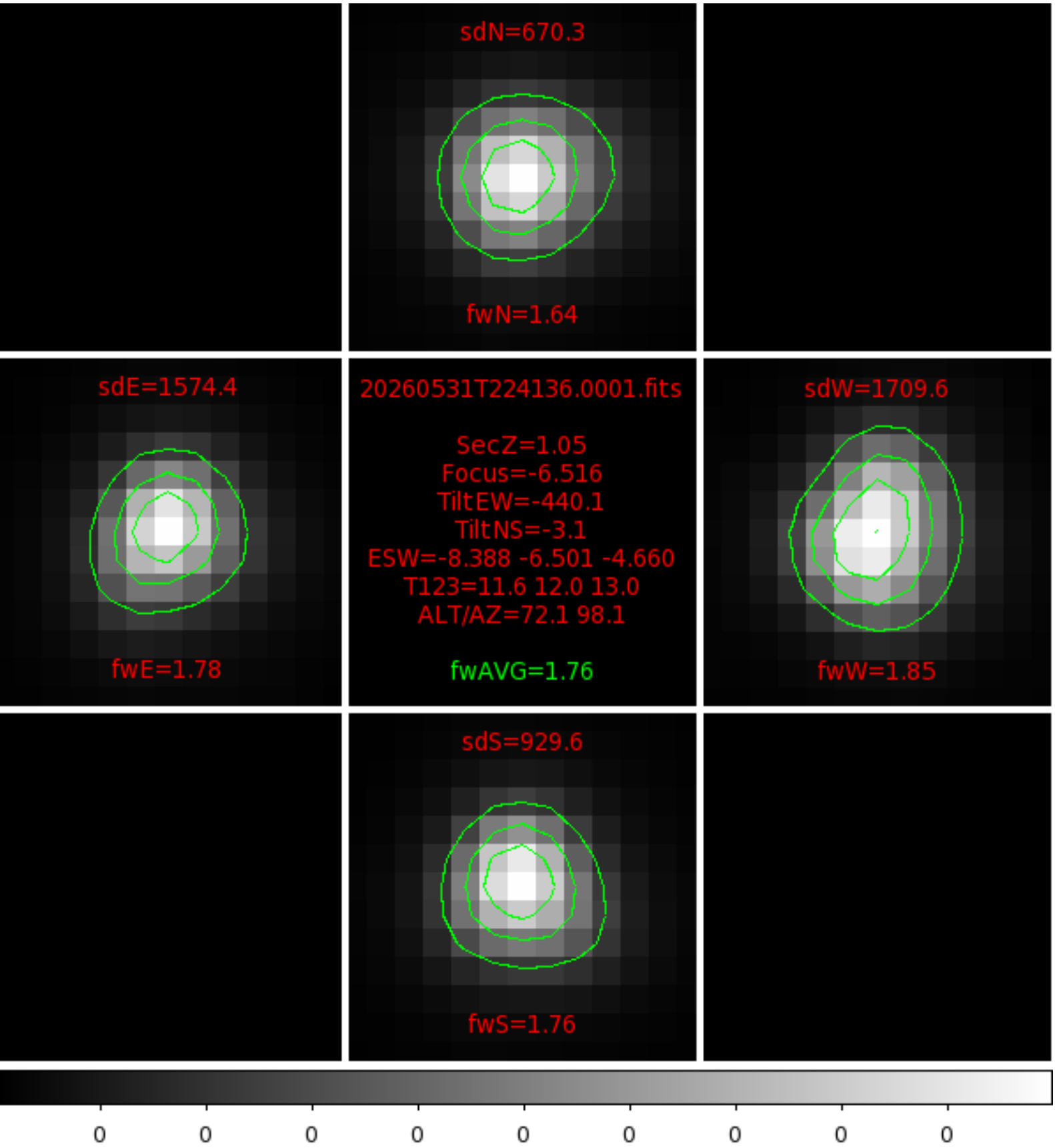
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TiltNS=-3.1
ESW=-8.388 -6.501 -4.660
T123=11.6 12.0 13.0
ALT/AZ=72.1 98.1
fwAVG=1.76
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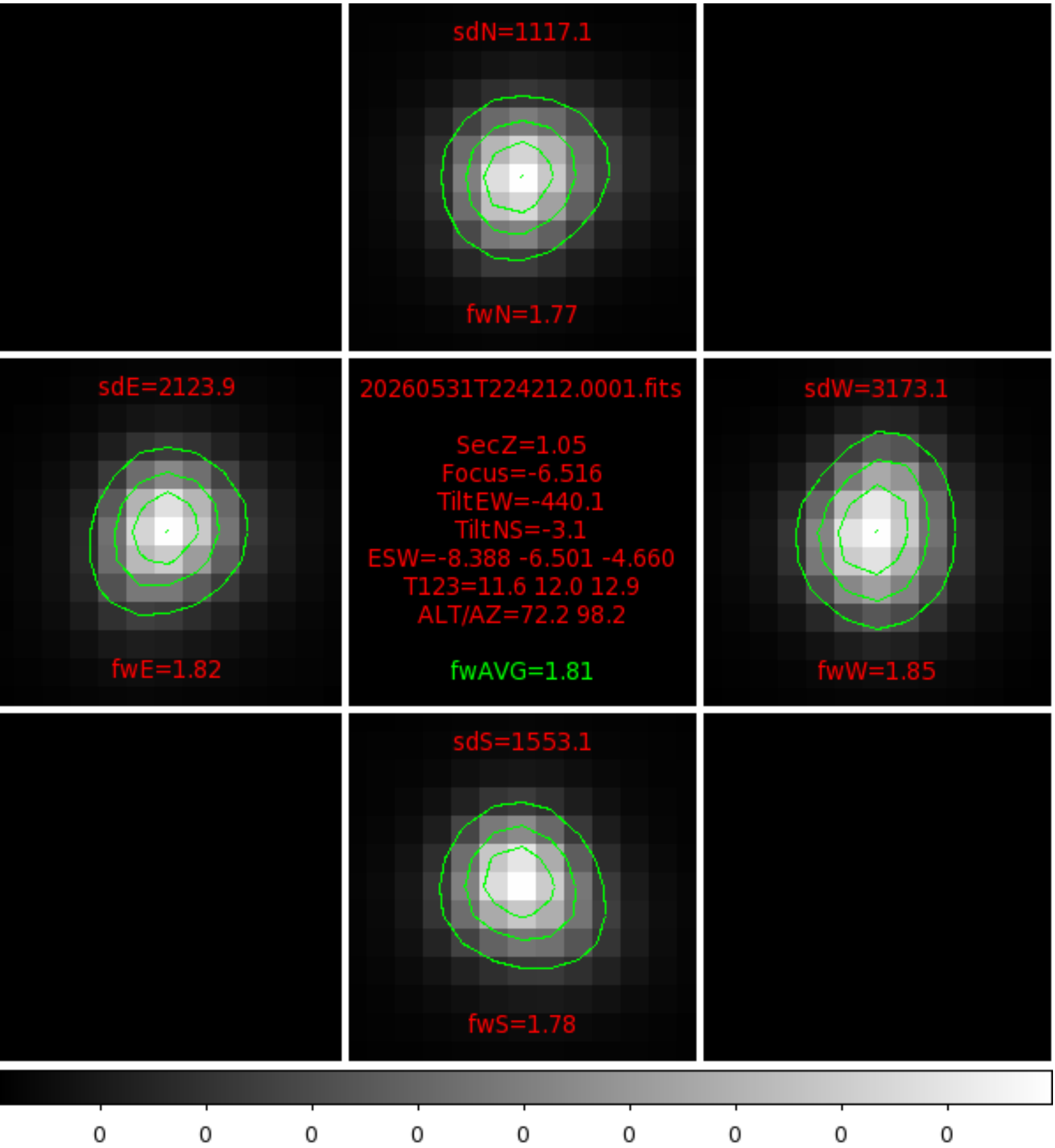
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TiltNS=-3.1
ESW=-8.388 -6.501 -4.660
T123=11.6 12.0 12.9
ALT/AZ=72.2 98.2
fwAVG=1.81
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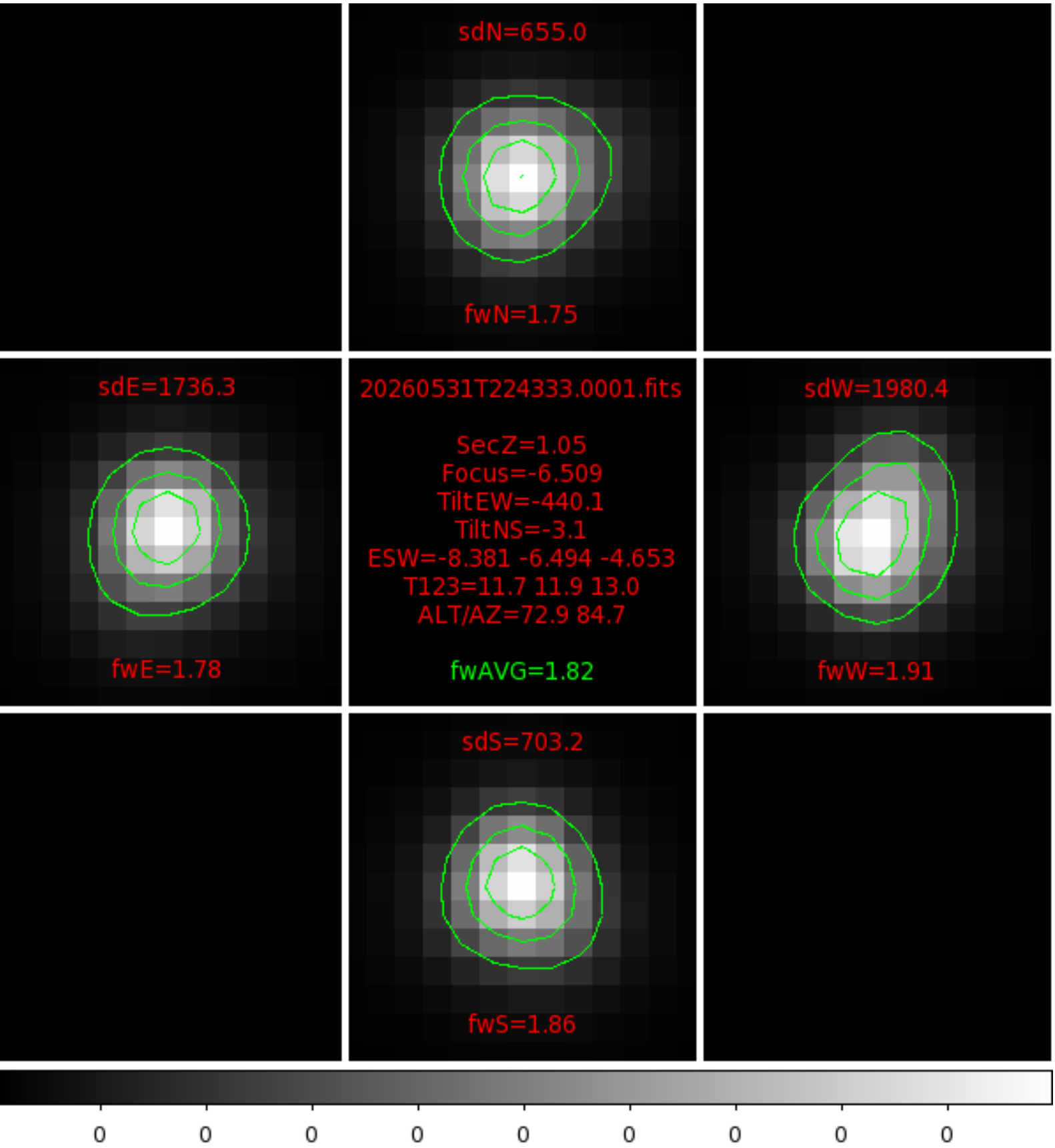
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TiltNS=-3.1
ESW=-8.381 -6.494 -4.653
T123=11.7 11.9 13.0
ALT/AZ=72.9 84.7
fwAVG=1.82
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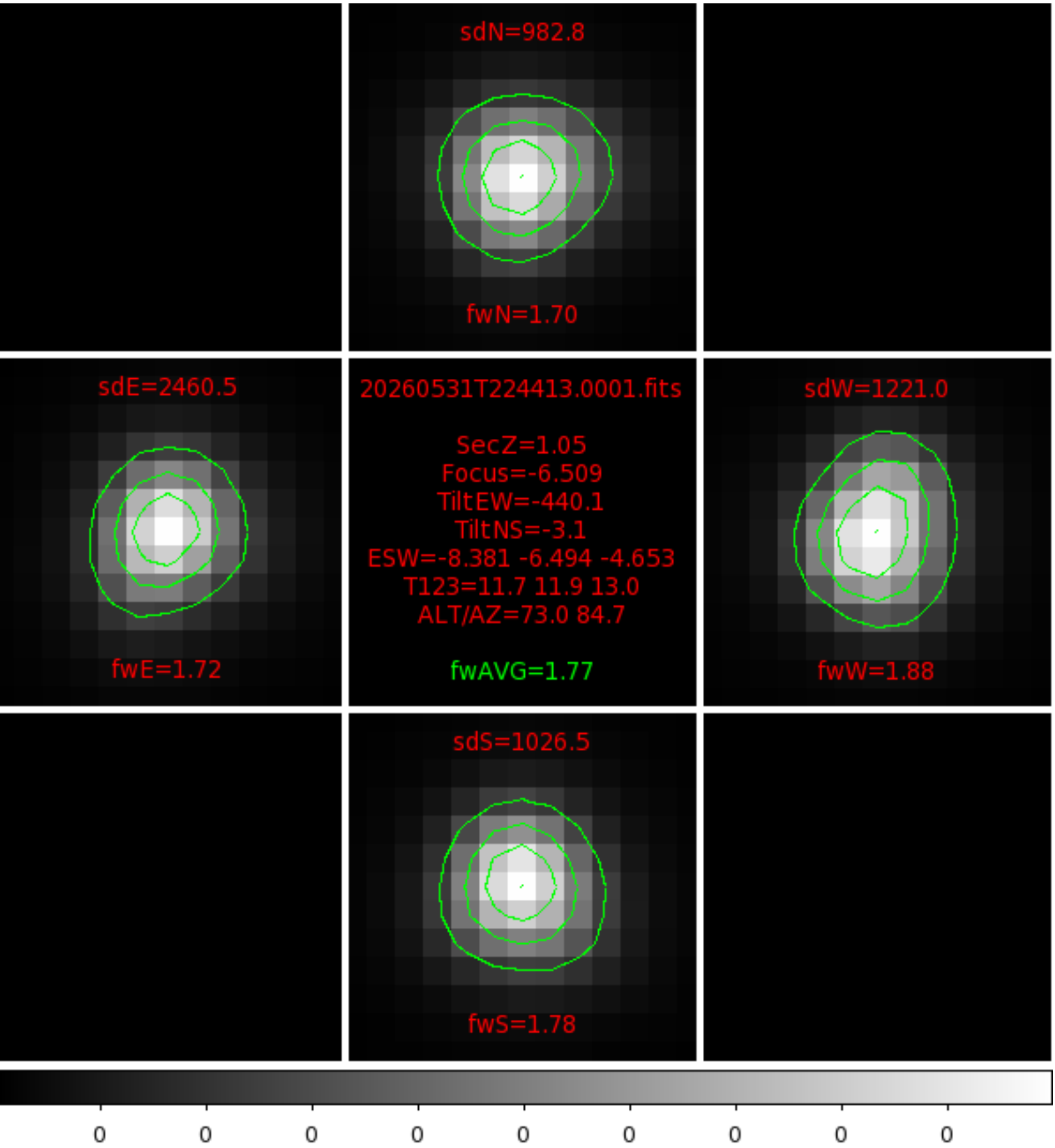
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TiltNS=-3.1
ESW=-8.381 -6.494 -4.653
T123=11.7 11.9 13.0
ALT/AZ=73.0 84.7
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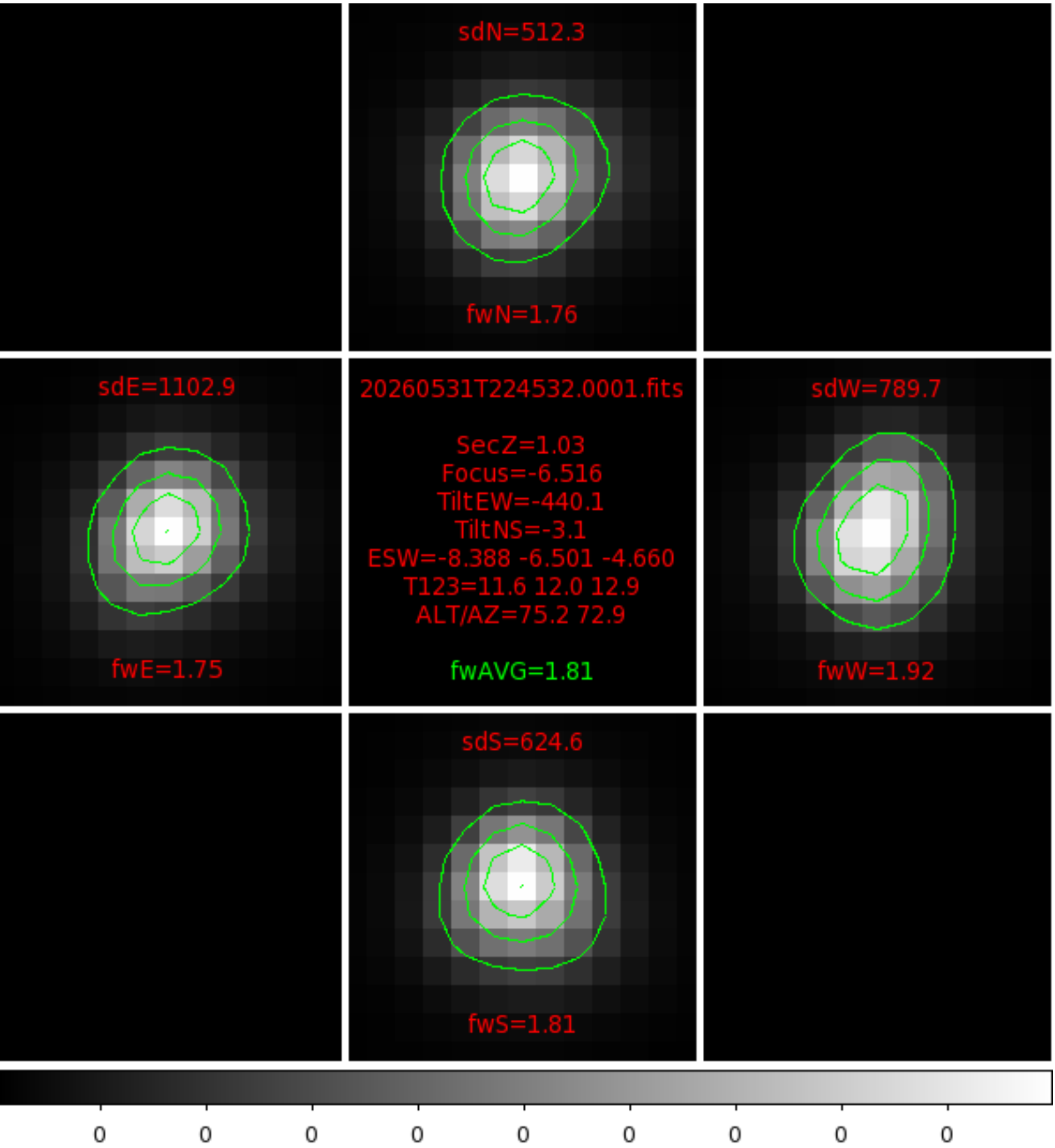
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TiltNS=-3.1
ESW=-8.388 -6.501 -4.660
T123=11.6 12.0 12.9
ALT/AZ=75.2 72.9
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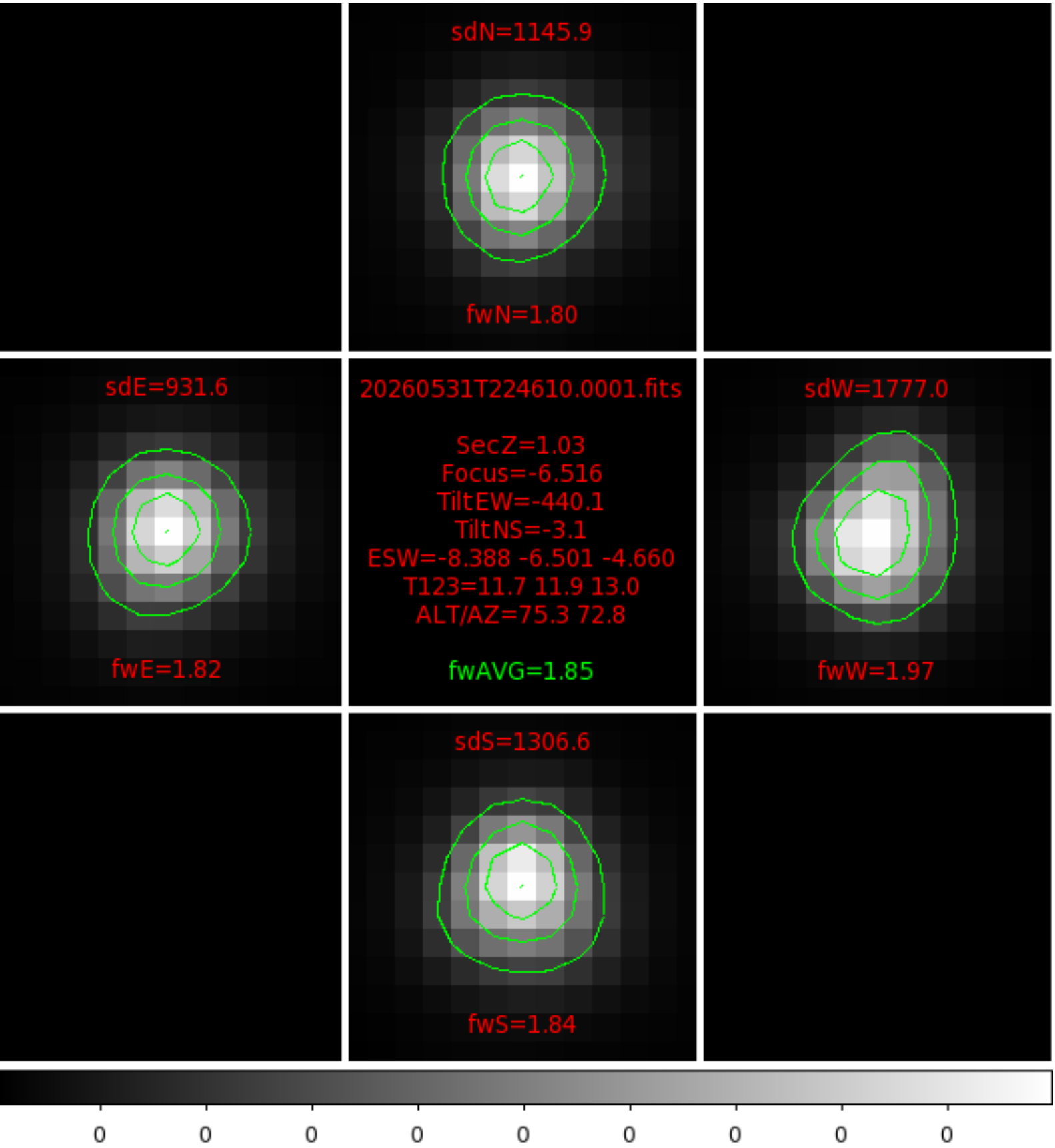
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ESW=-8.388 -6.501 -4.660
T123=11.7 11.9 13.0
ALT/AZ=75.3 72.8
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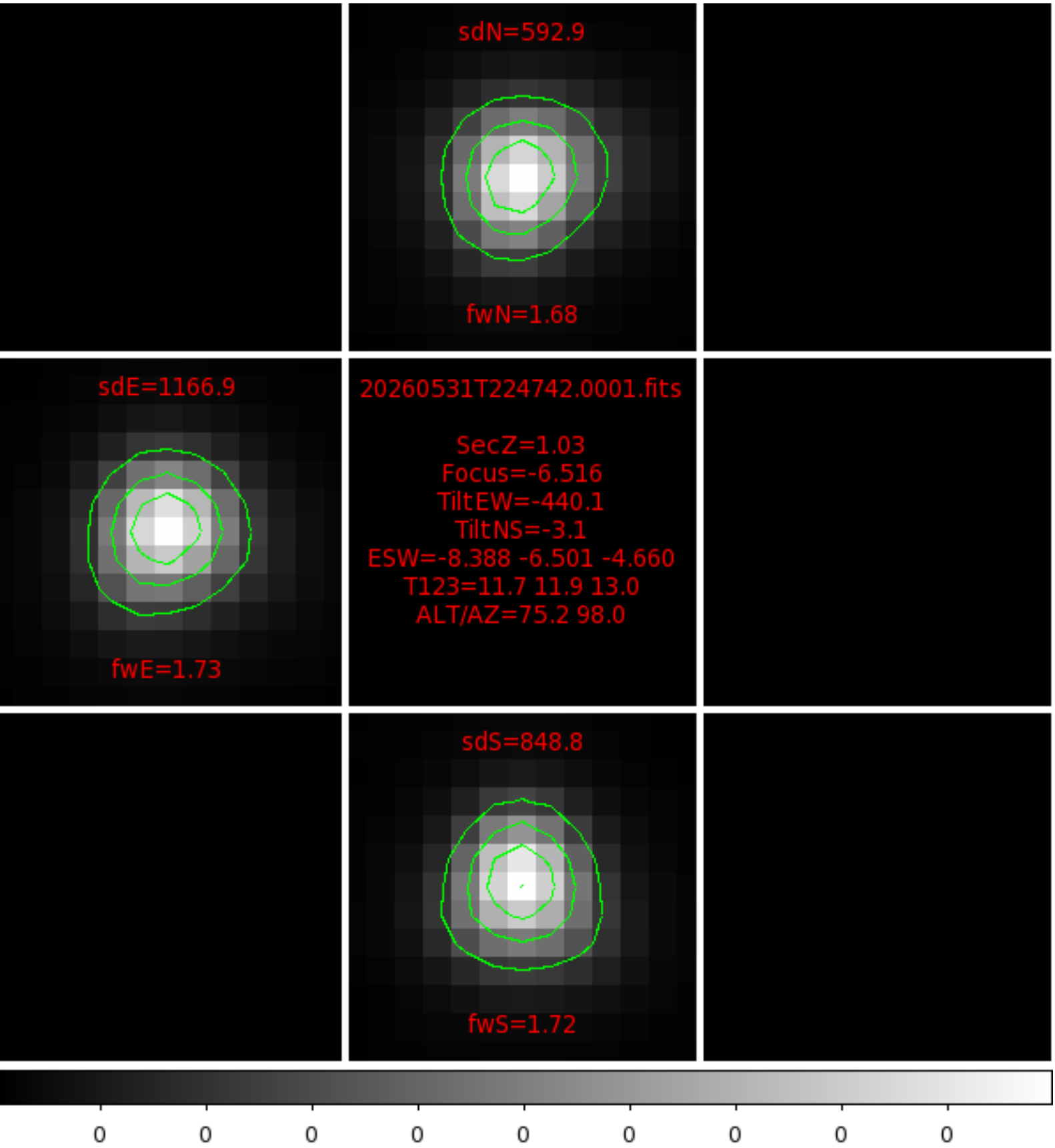
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SecZ=1.03
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TiltNS=-3.1
ESW=-8.388 -6.501 -4.660
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ALT/AZ=75.2 98.0
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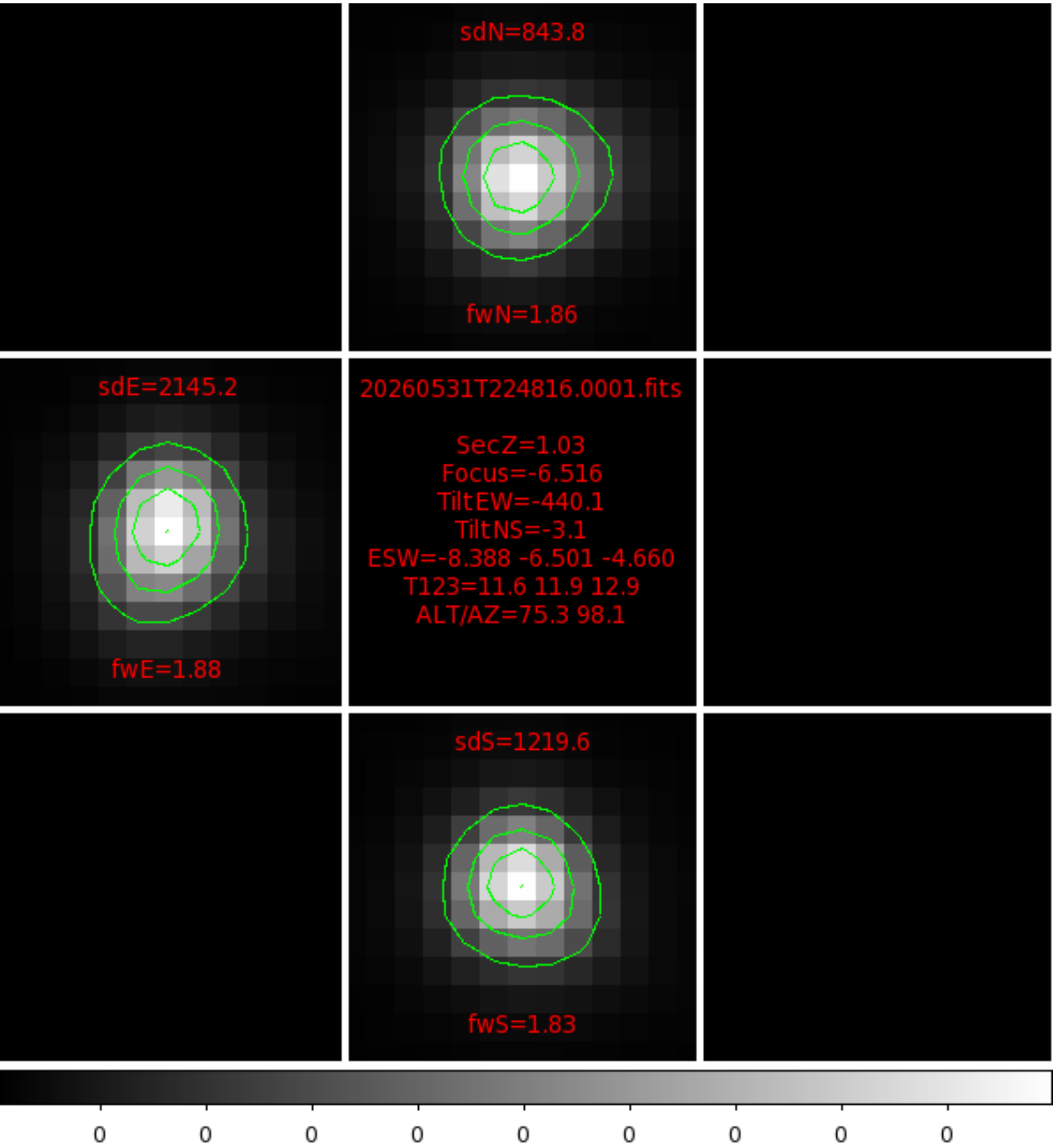
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TiltNS=-3.1
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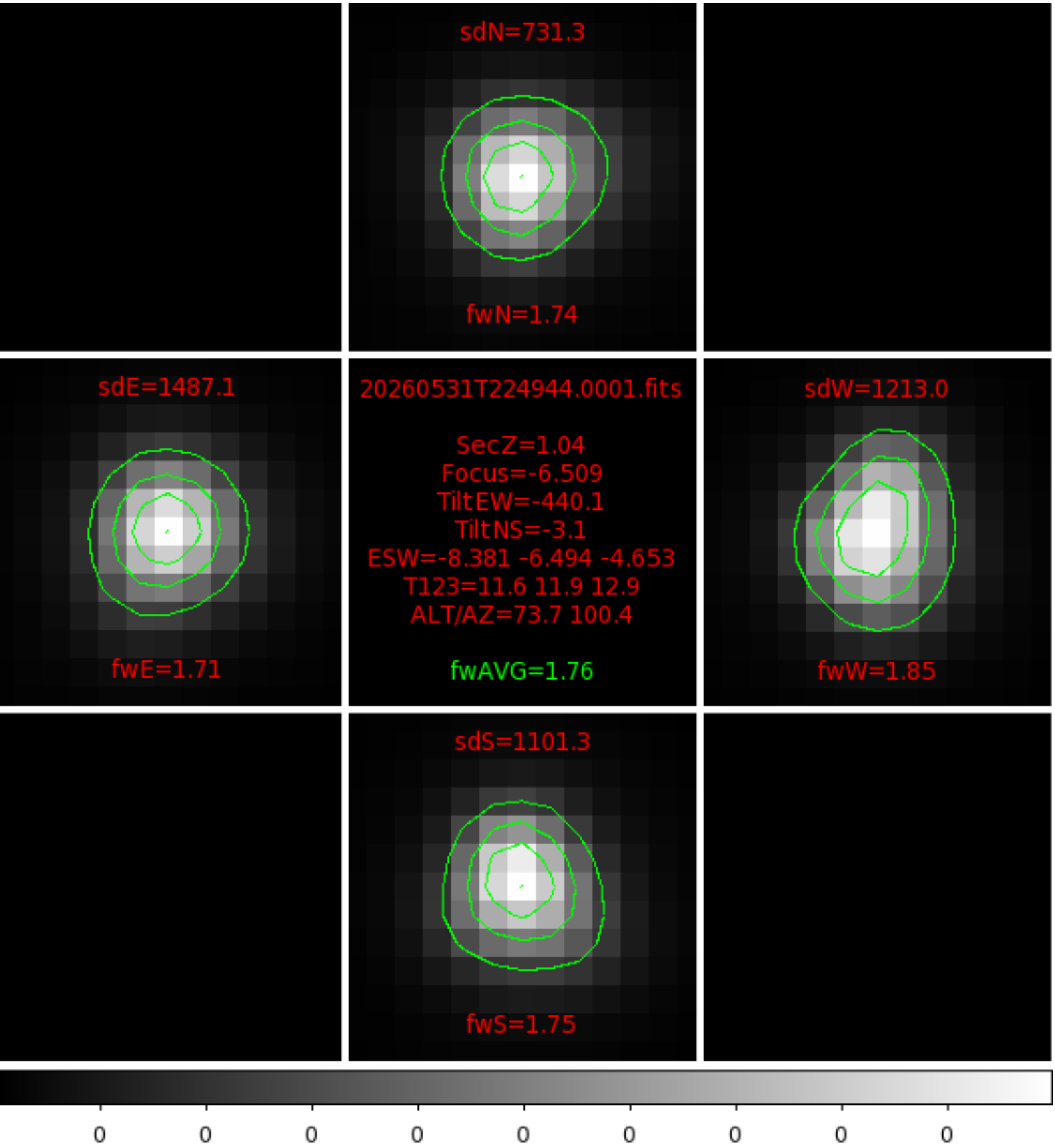
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TiltNS=-3.1
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T123=11.6 11.9 12.9
ALT/AZ=73.7 100.4
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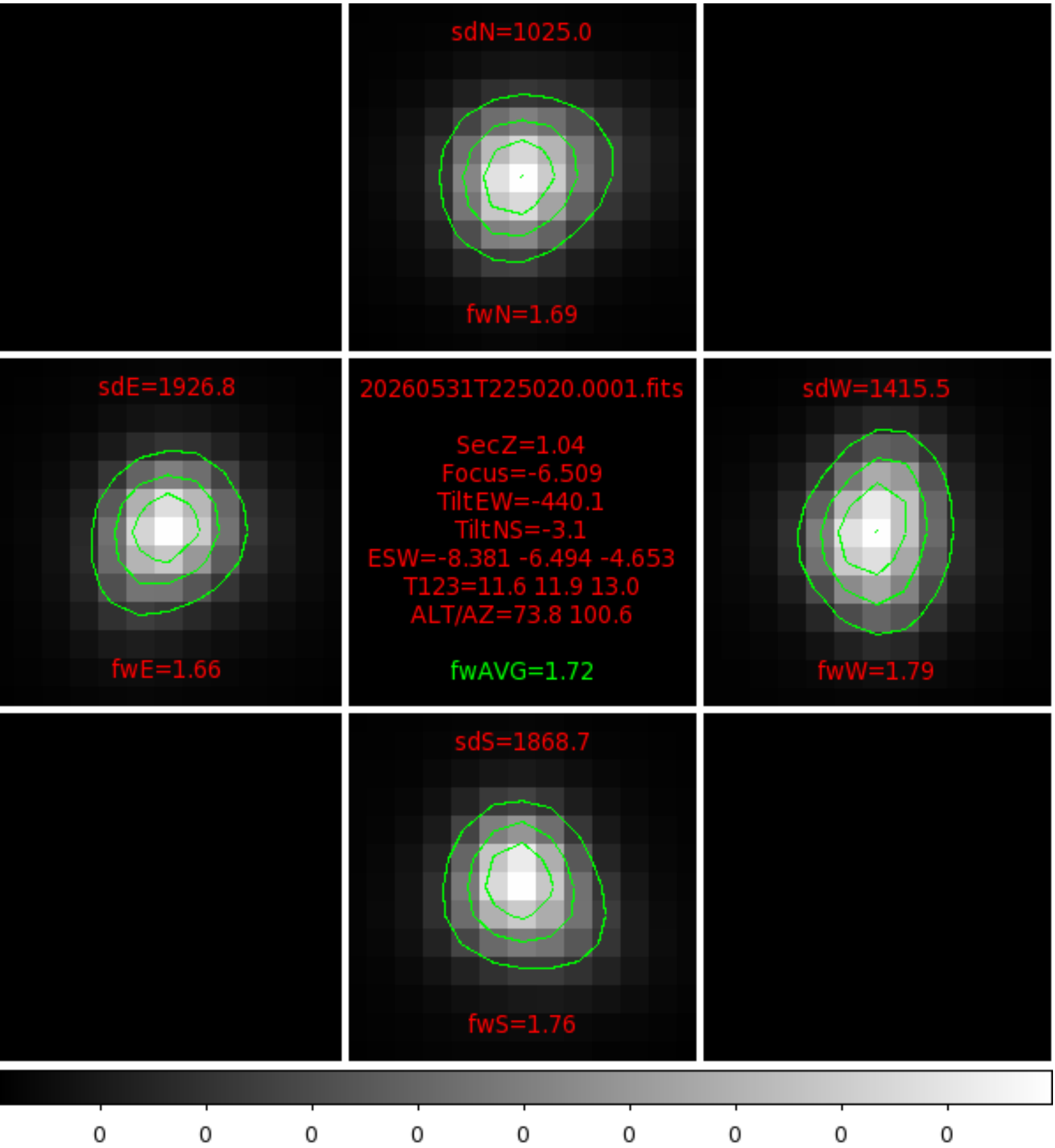
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sdE=1926.8
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T123=11.6 11.9 13.0
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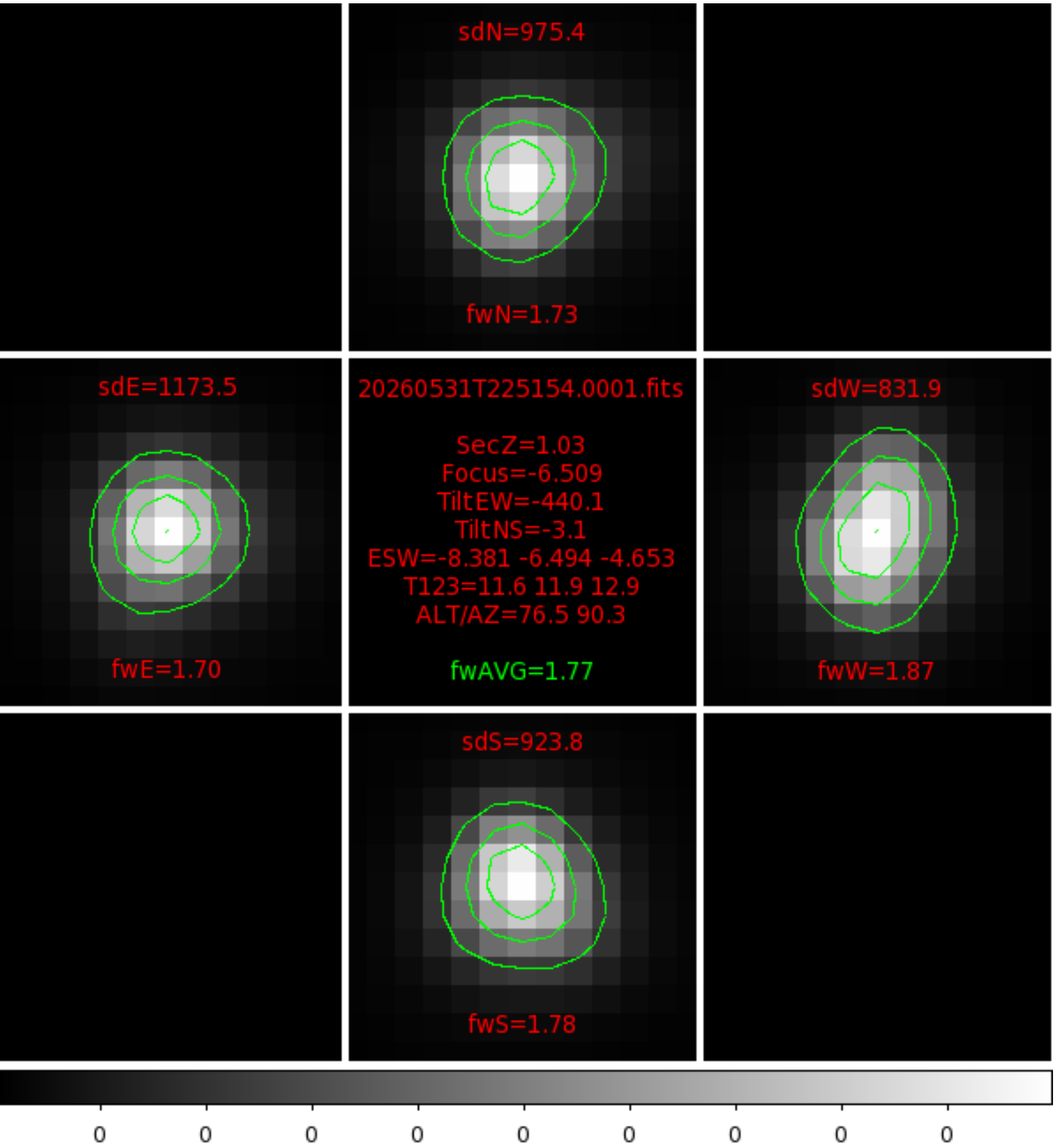
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20260531T225154.0001.fits
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TiltNS=-3.1
ESW=-8.381 -6.494 -4.653
T123=11.6 11.9 12.9
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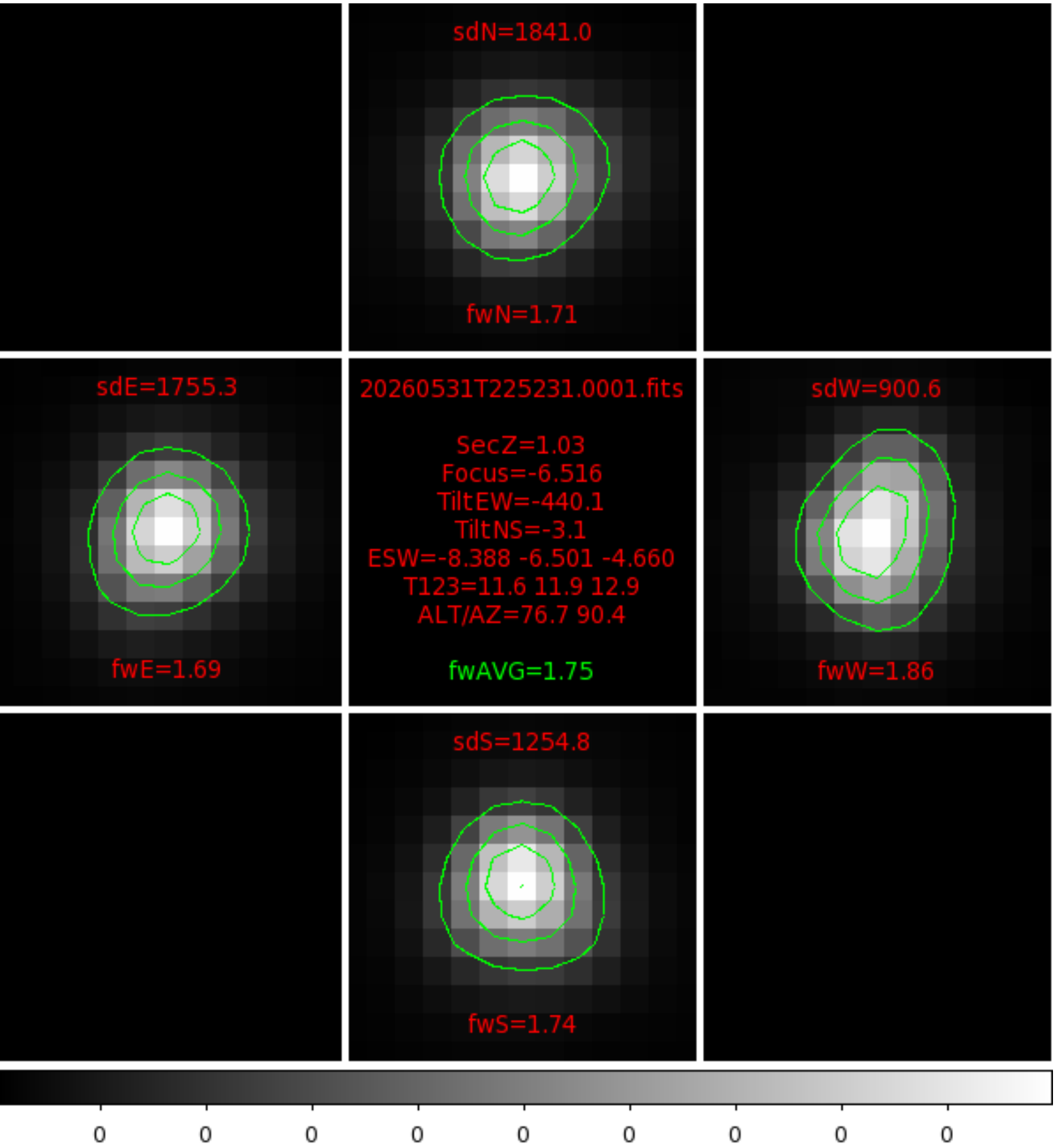
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T123=11.6 11.9 12.9
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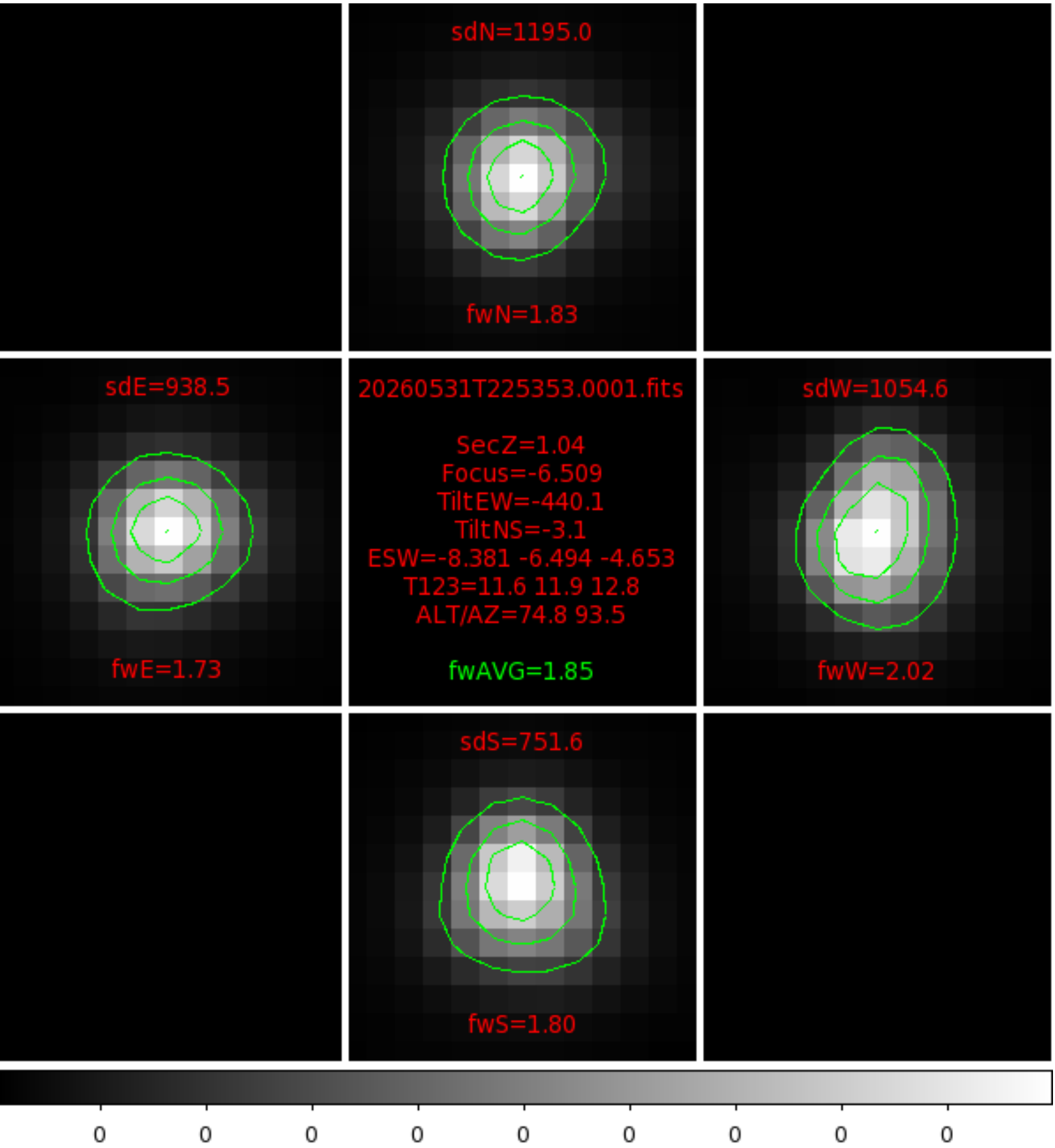
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SecZ=1.04
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ESW=-8.381 -6.494 -4.653
T123=11.6 11.9 12.8
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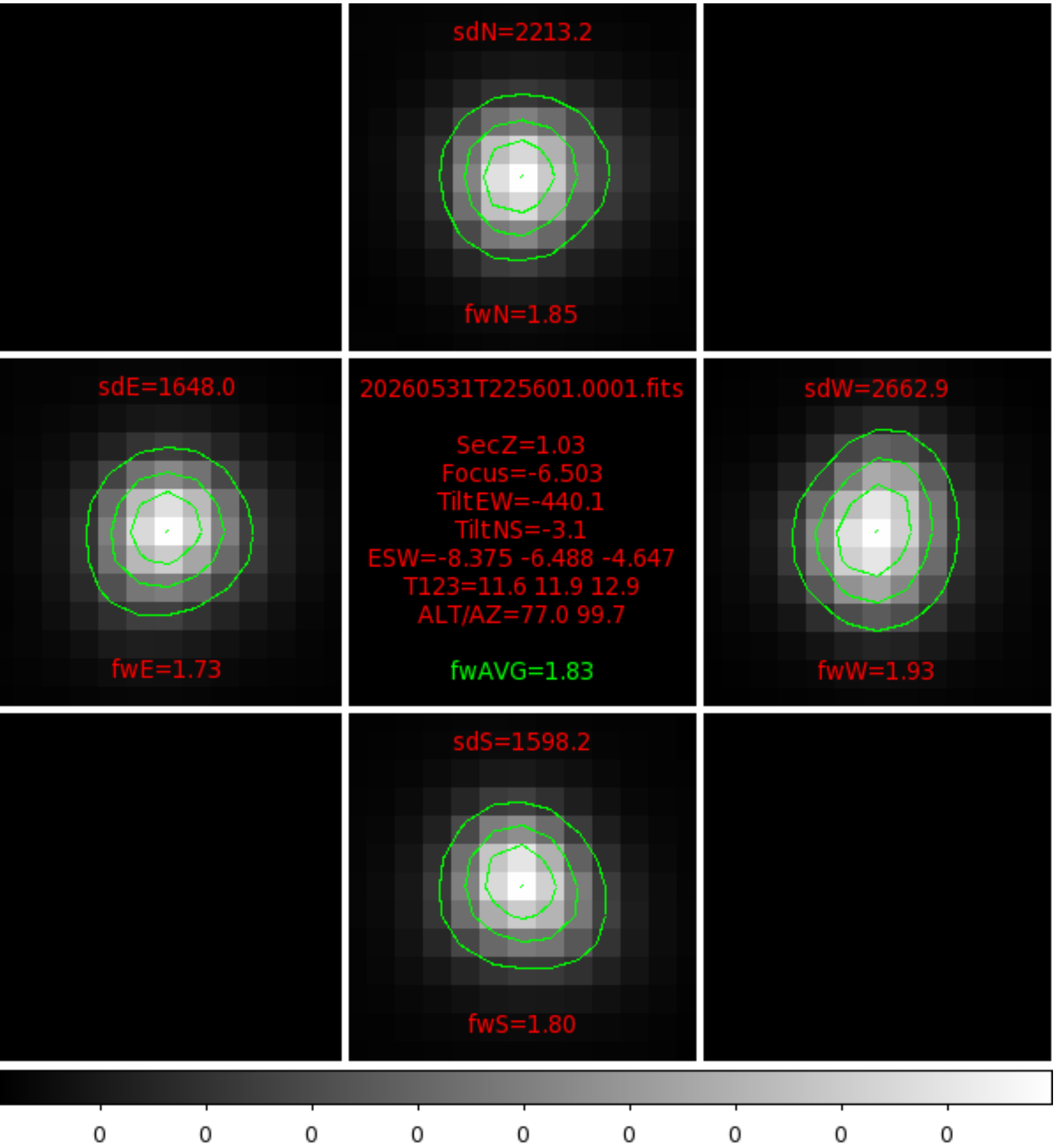
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T123=11.6 11.9 12.9
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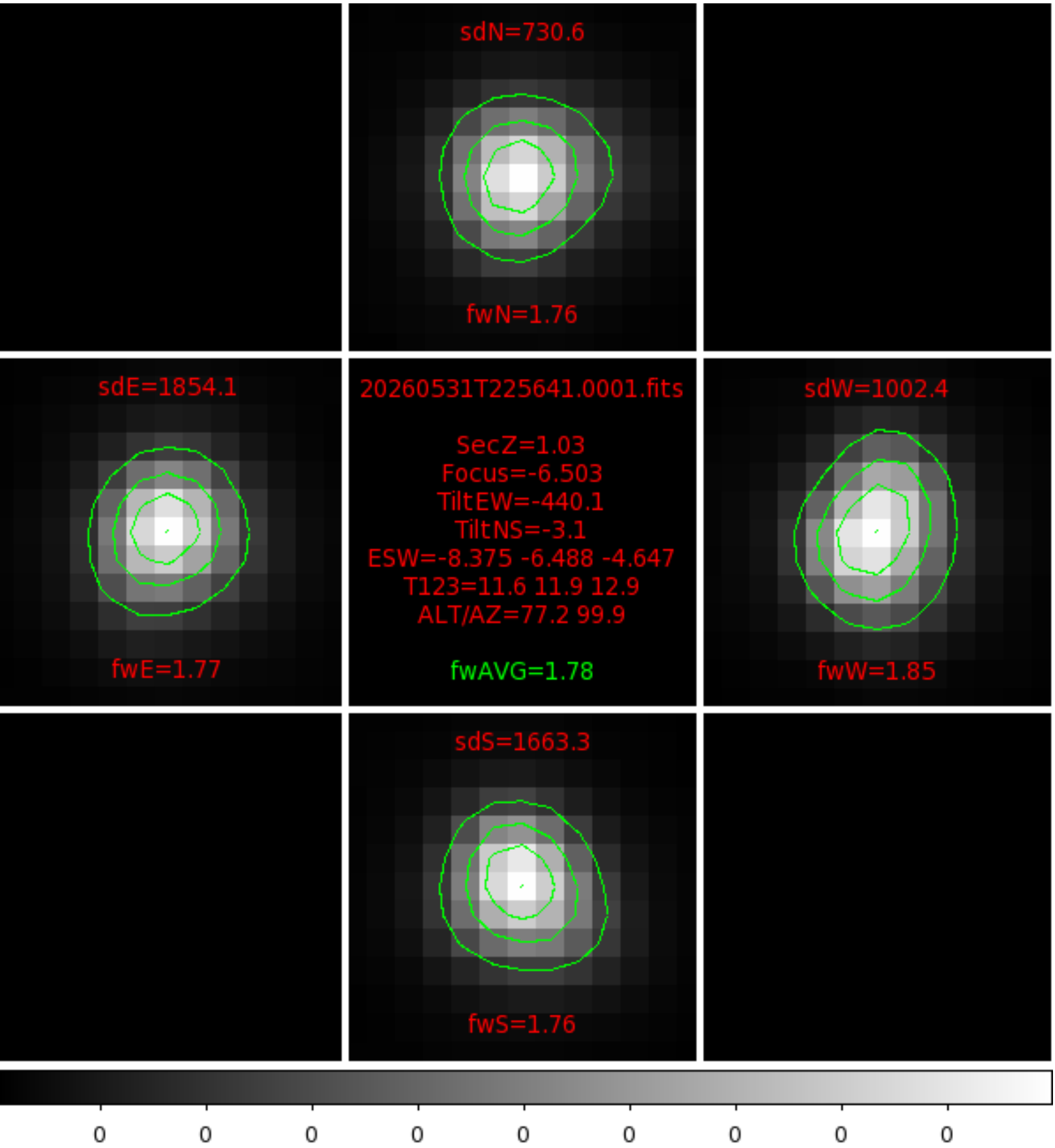
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TiltNS=-3.1
ESW=-8.375 -6.488 -4.647
T123=11.6 11.9 12.9
ALT/AZ=77.2 99.9
fwAVG=1.78
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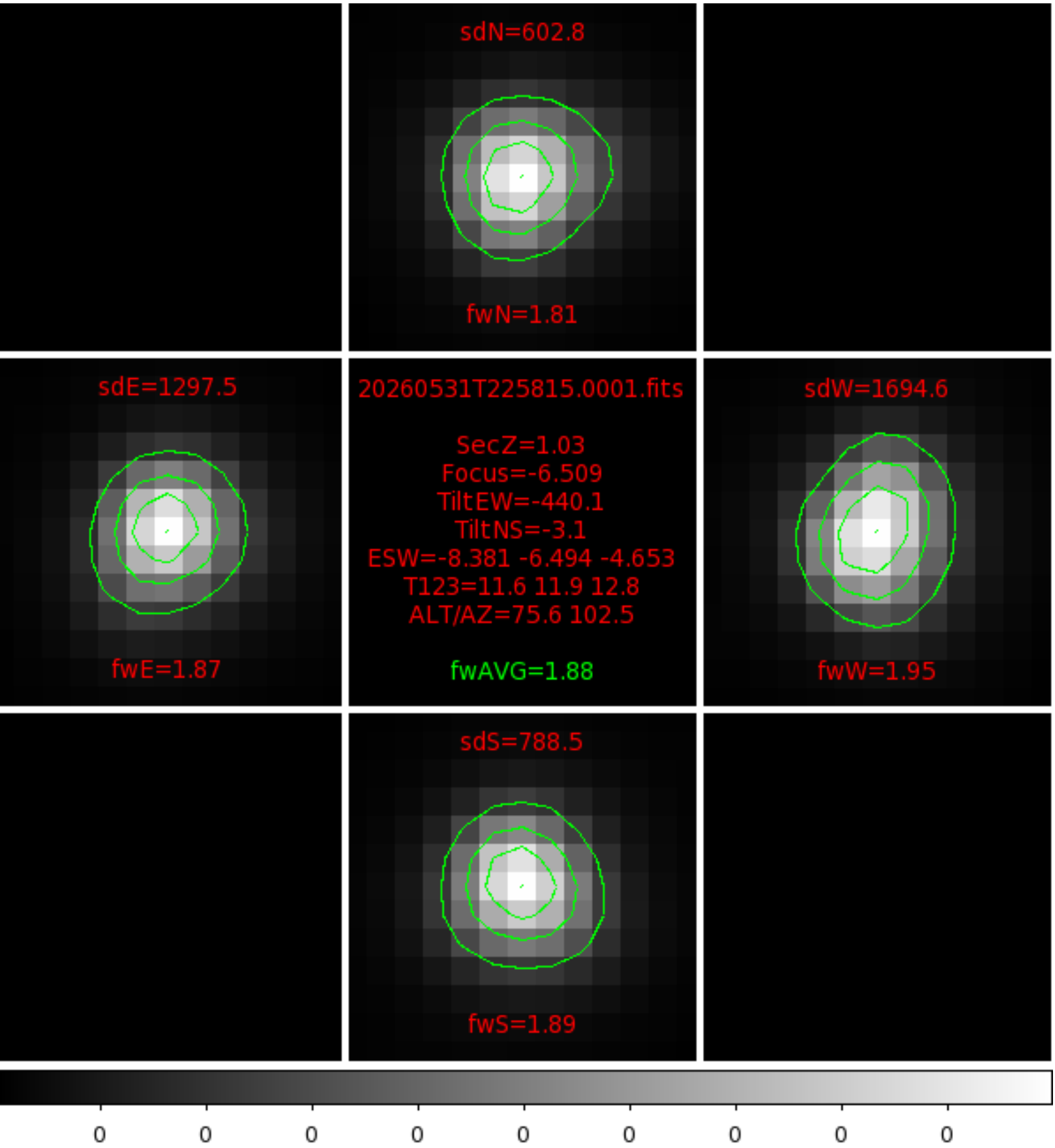
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TiltNS=-3.1
ESW=-8.381 -6.494 -4.653
T123=11.6 11.9 12.8
ALT/AZ=75.6 102.5
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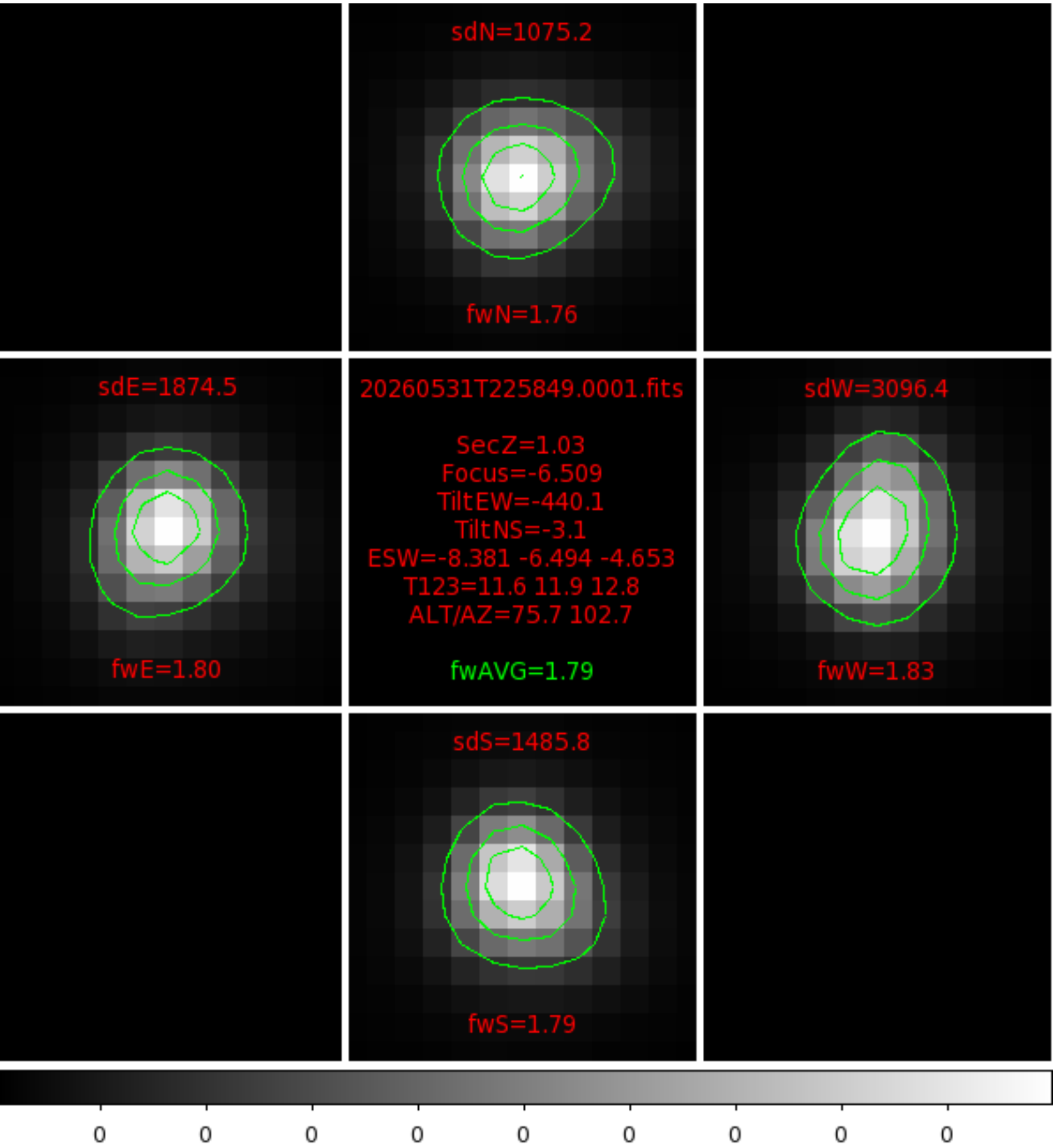
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SecZ=1.03
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TiltNS=-3.1
ESW=-8.381 -6.494 -4.653
T123=11.6 11.9 12.8
ALT/AZ=75.7 102.7
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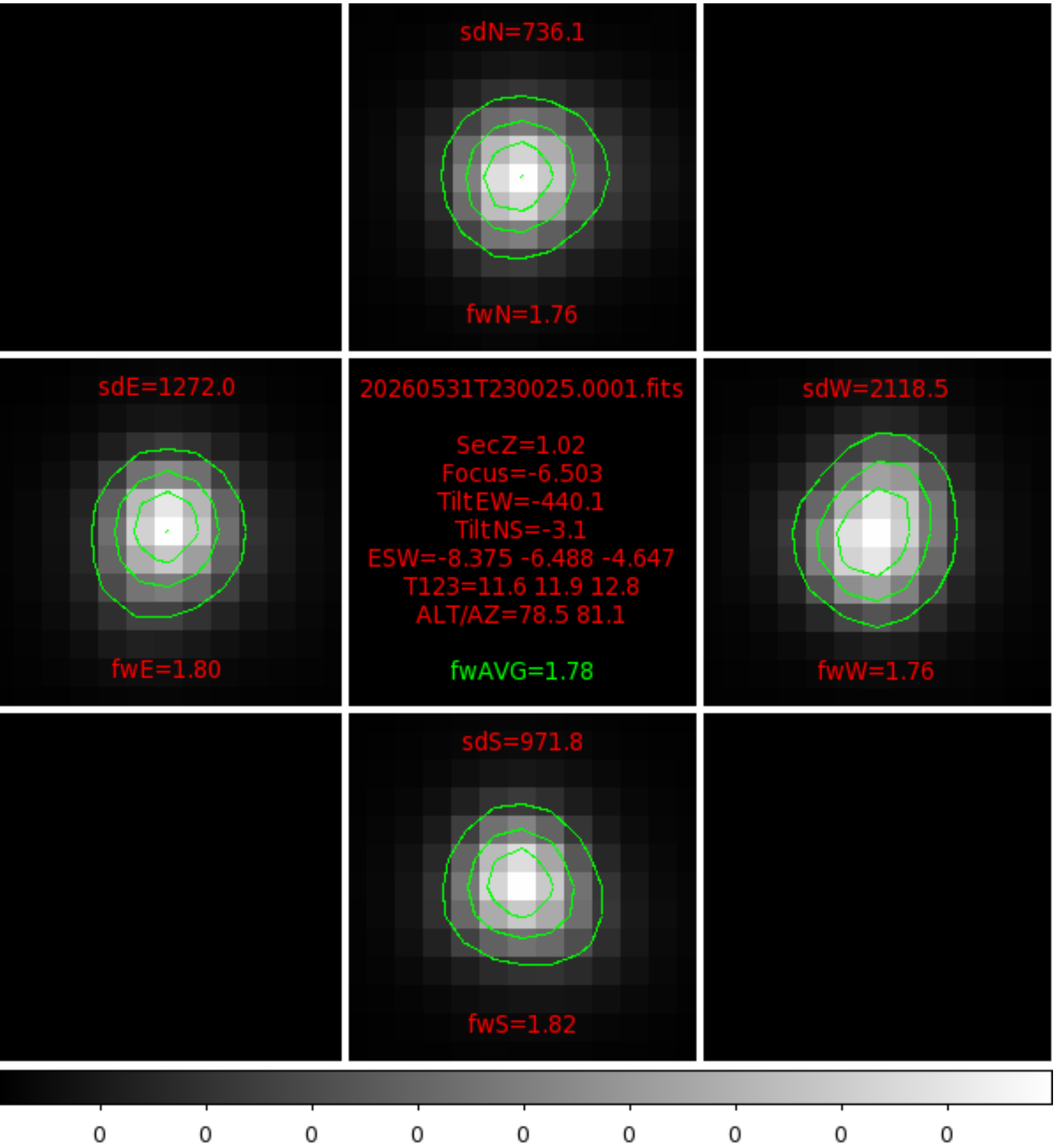
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TiltNS=-3.1
ESW=-8.375 -6.488 -4.647
T123=11.6 11.9 12.8
ALT/AZ=78.5 81.1
fwAVG=1.78
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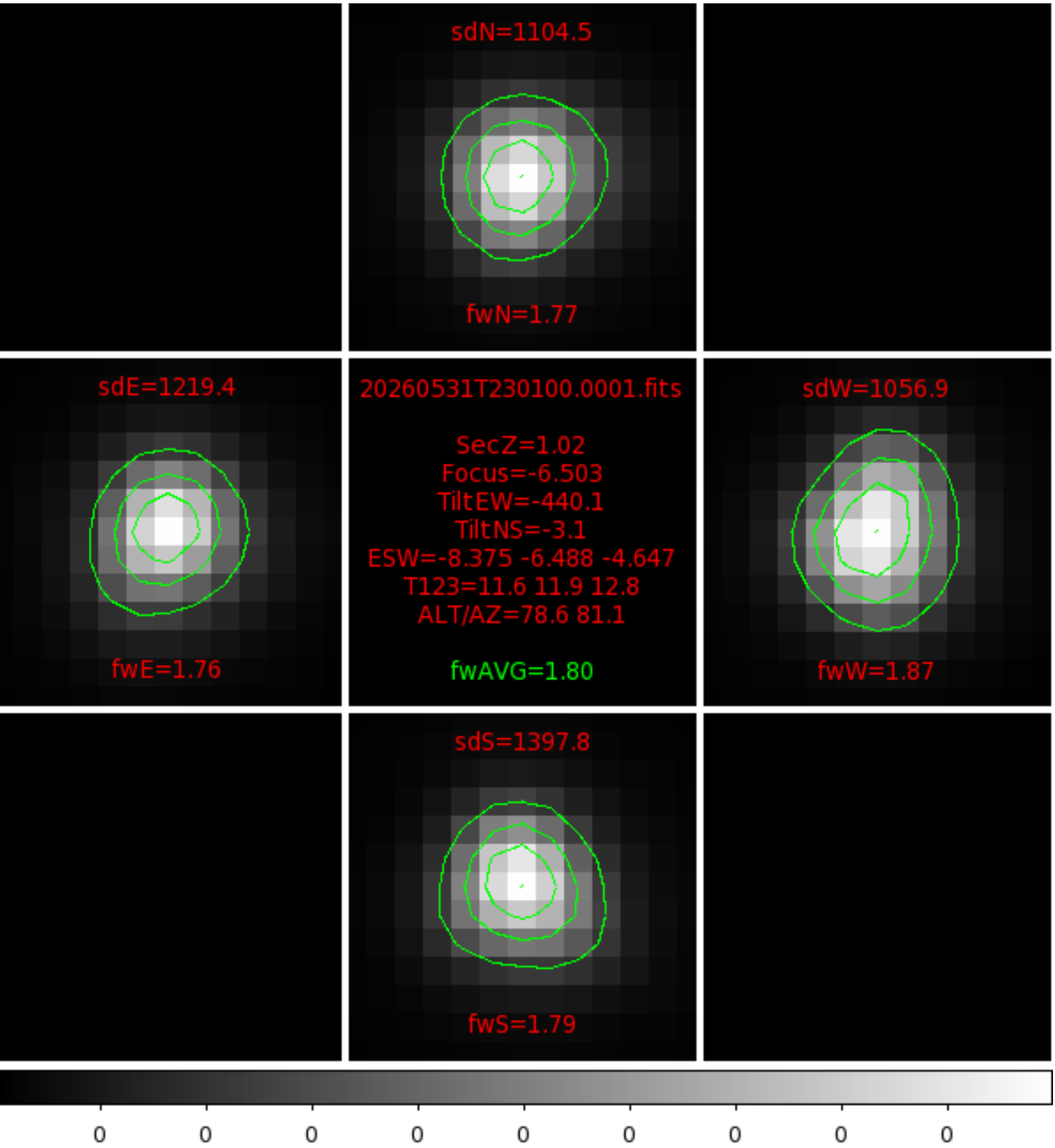
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TiltNS=-3.1
ESW=-8.375 -6.488 -4.647
T123=11.6 11.9 12.8
ALT/AZ=78.6 81.1
fwAVG=1.80
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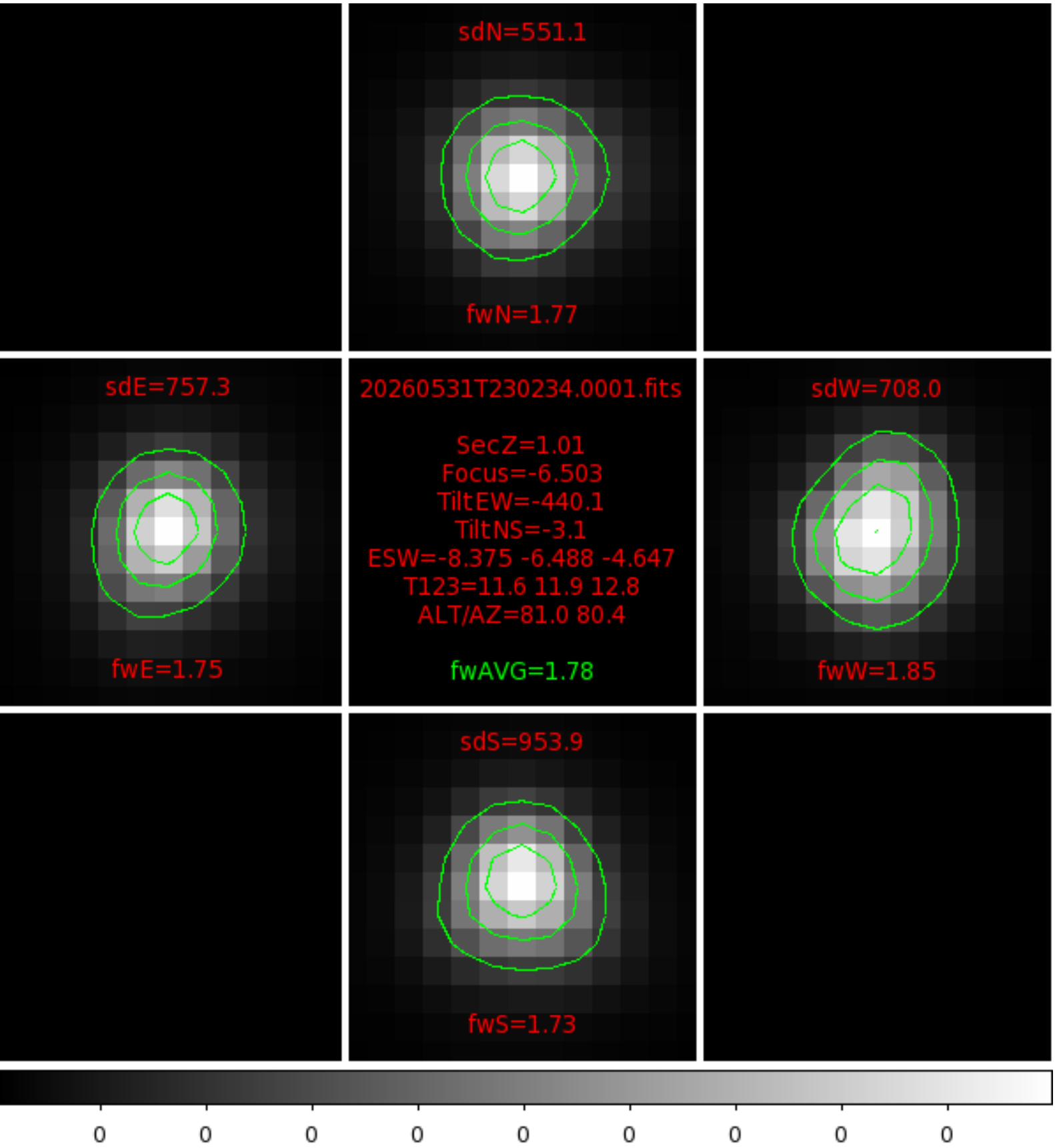
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TiltNS=-3.1
ESW=-8.375 -6.488 -4.647
T123=11.6 11.9 12.8
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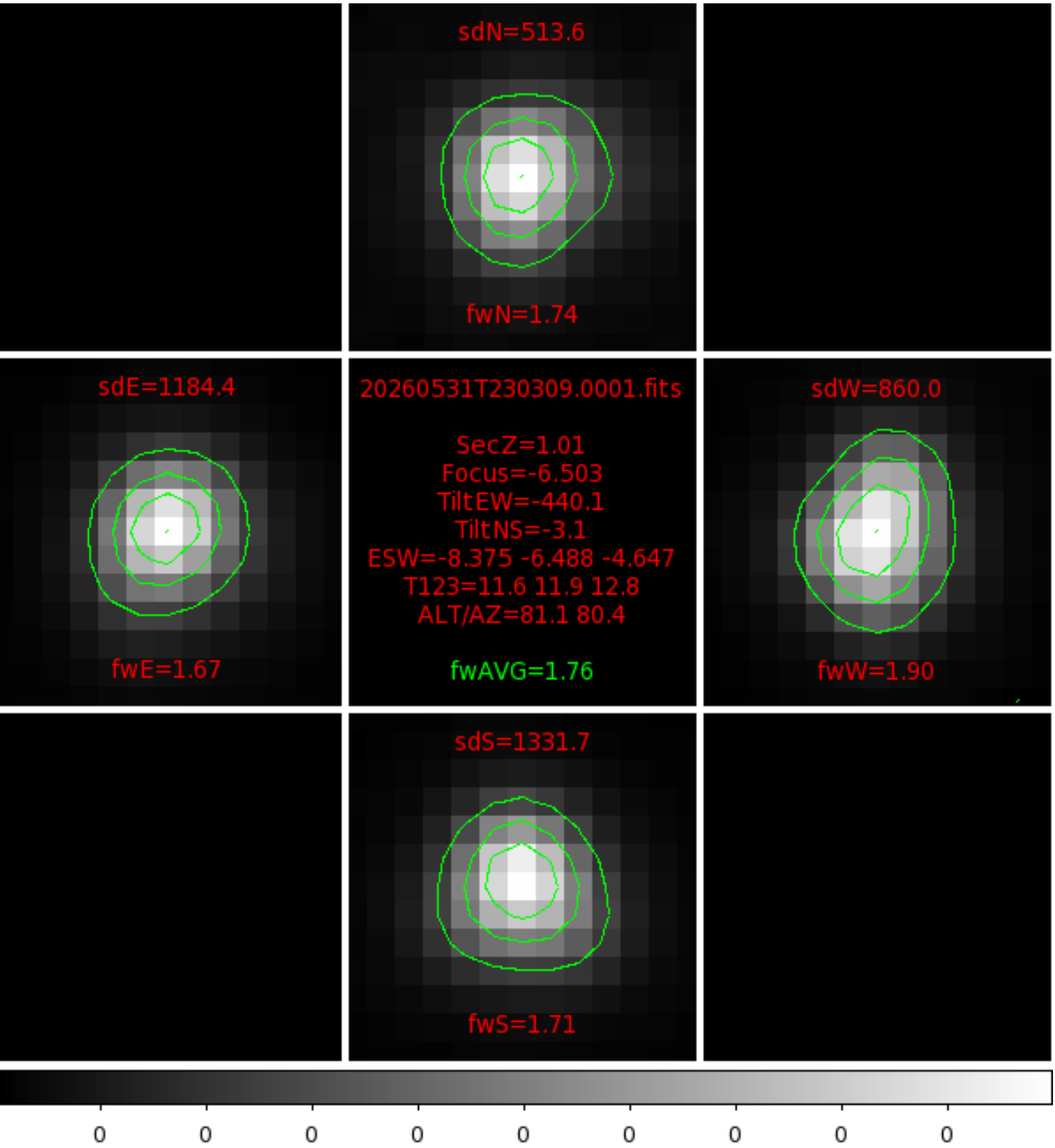
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TiltNS=-3.1
ESW=-8.375 -6.488 -4.647
T123=11.6 11.9 12.8
ALT/AZ=81.1 80.4
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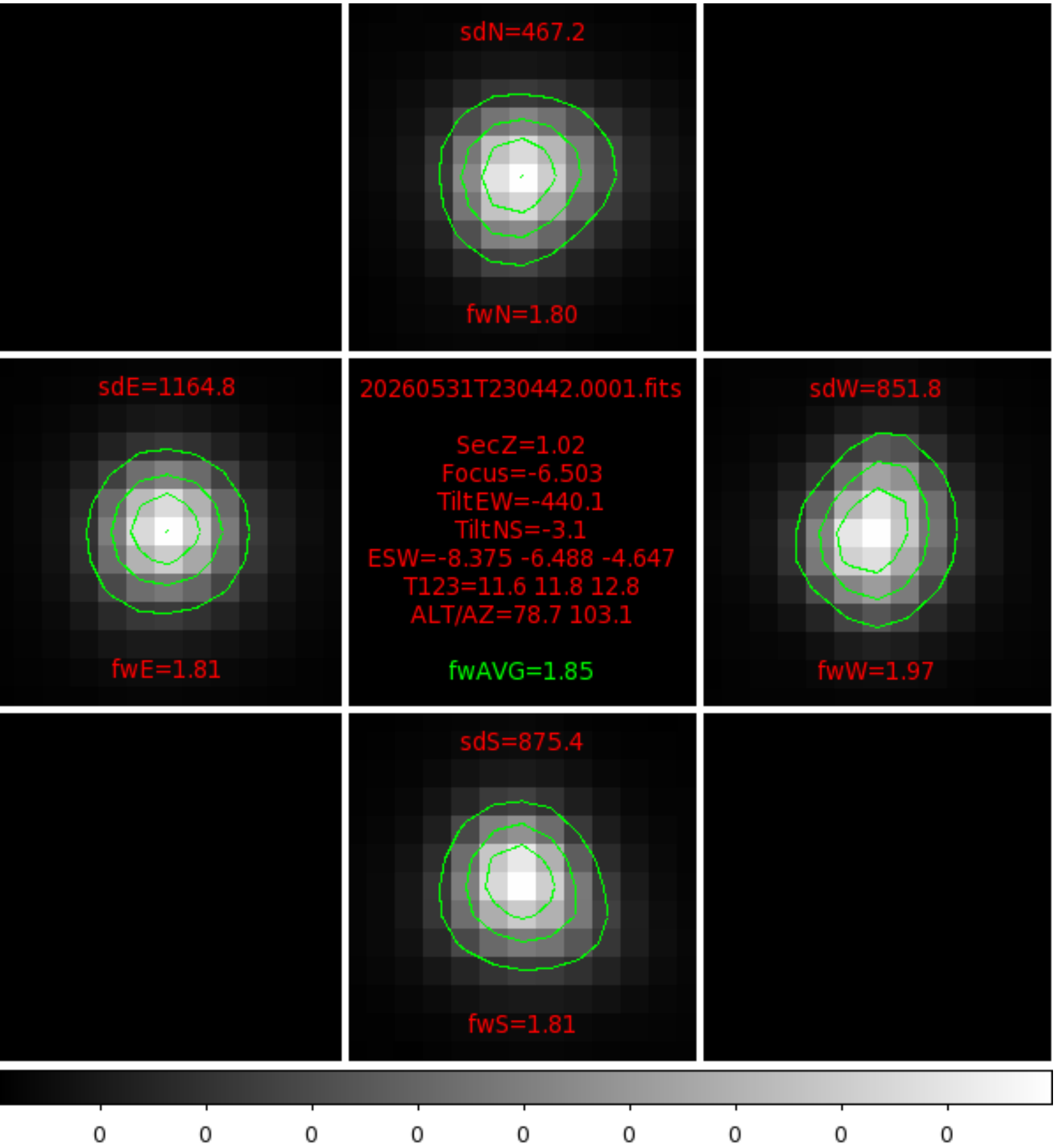
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TiltNS=-3.1
ESW=-8.375 -6.488 -4.647
T123=11.6 11.8 12.8
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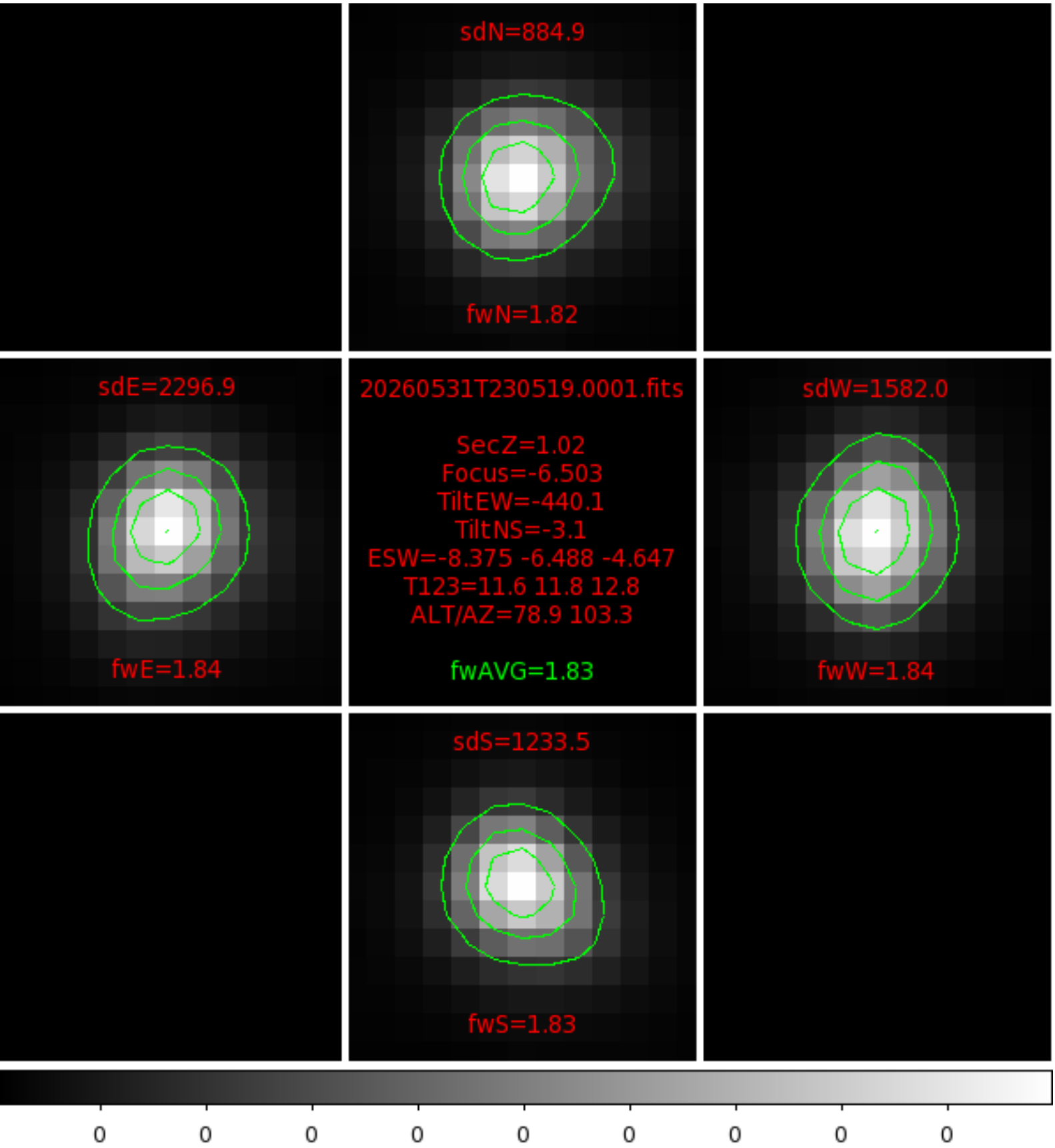
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TiltNS=-3.1
ESW=-8.375 -6.488 -4.647
T123=11.6 11.8 12.8
ALT/AZ=78.9 103.3
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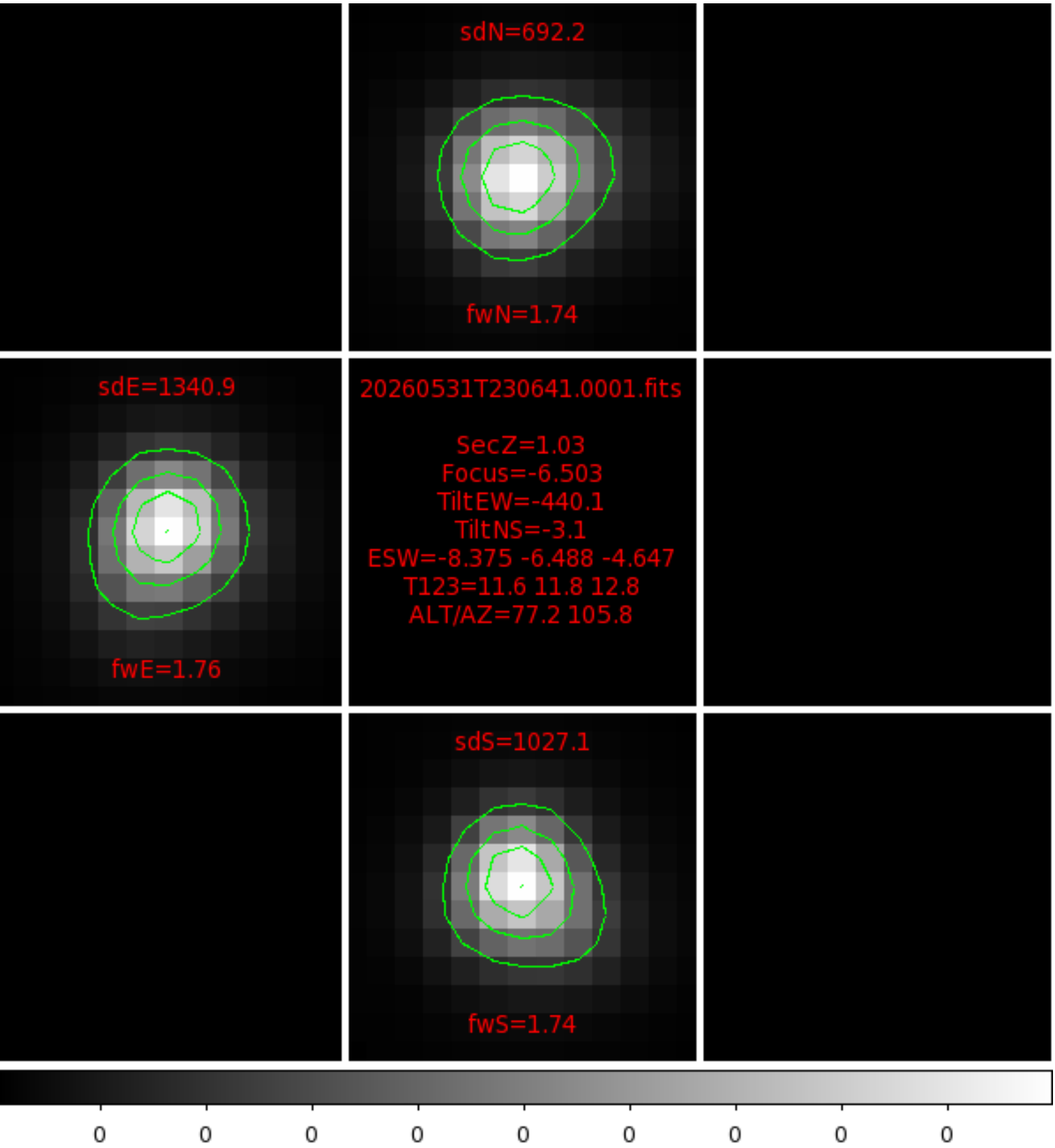
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T123=11.6 11.8 12.8
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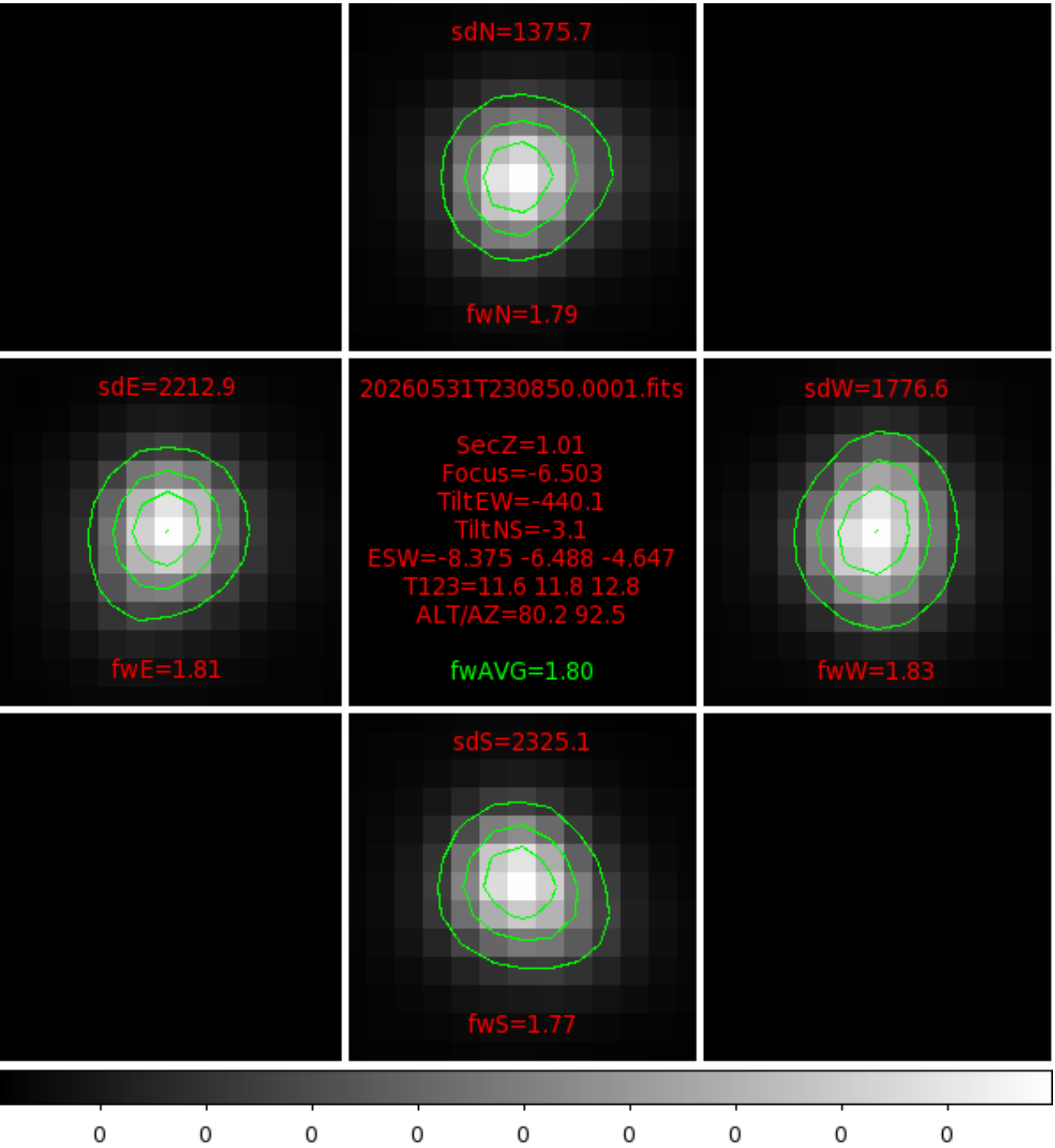
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ESW=-8.375 -6.488 -4.647
T123=11.6 11.8 12.8
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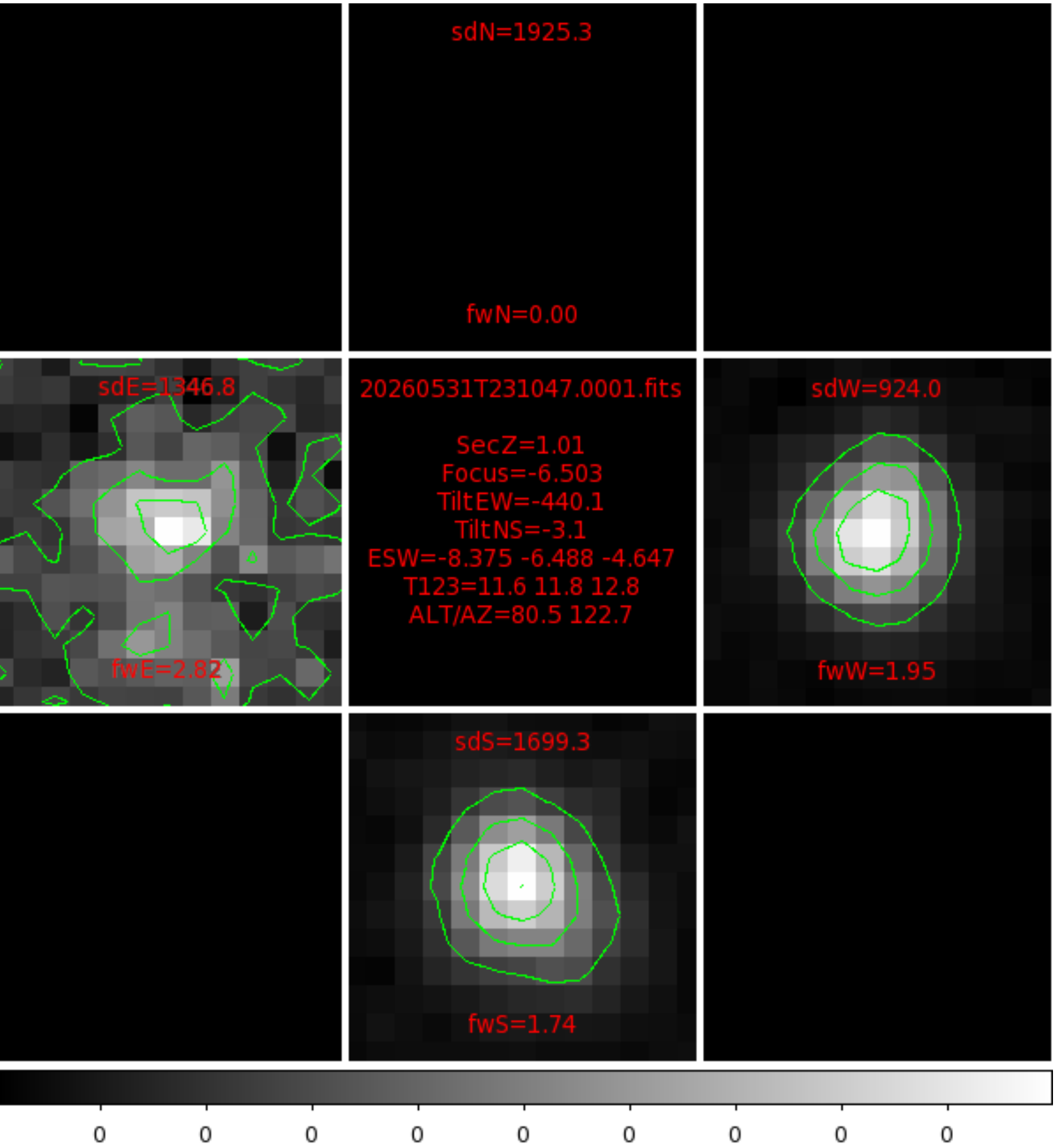
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ESW=-8.375 -6.488 -4.647
T123=11.6 11.8 12.8
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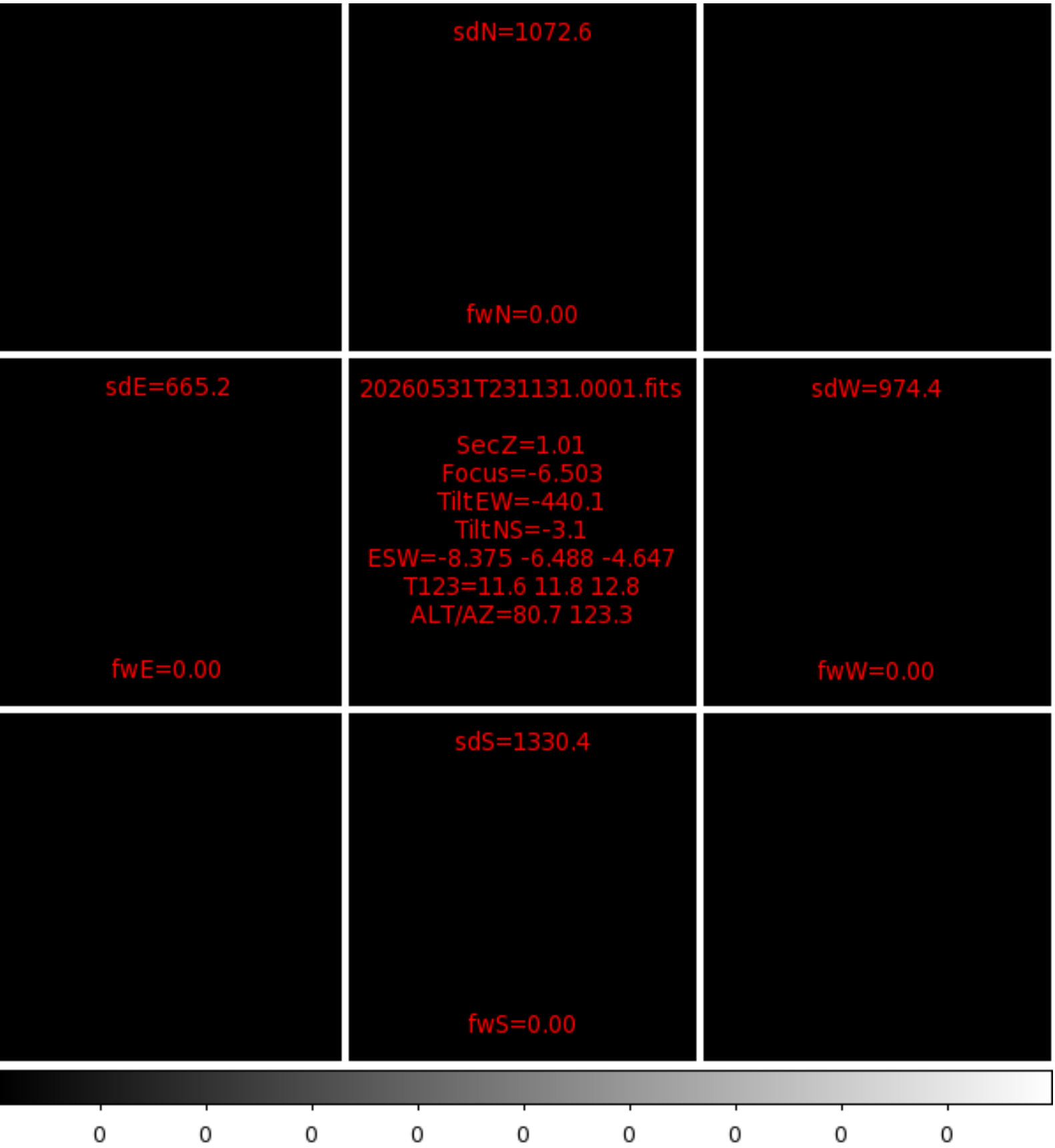
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TiltNS=-3.1
ESW=-8.375 -6.488 -4.647
T123=11.6 11.8 12.8
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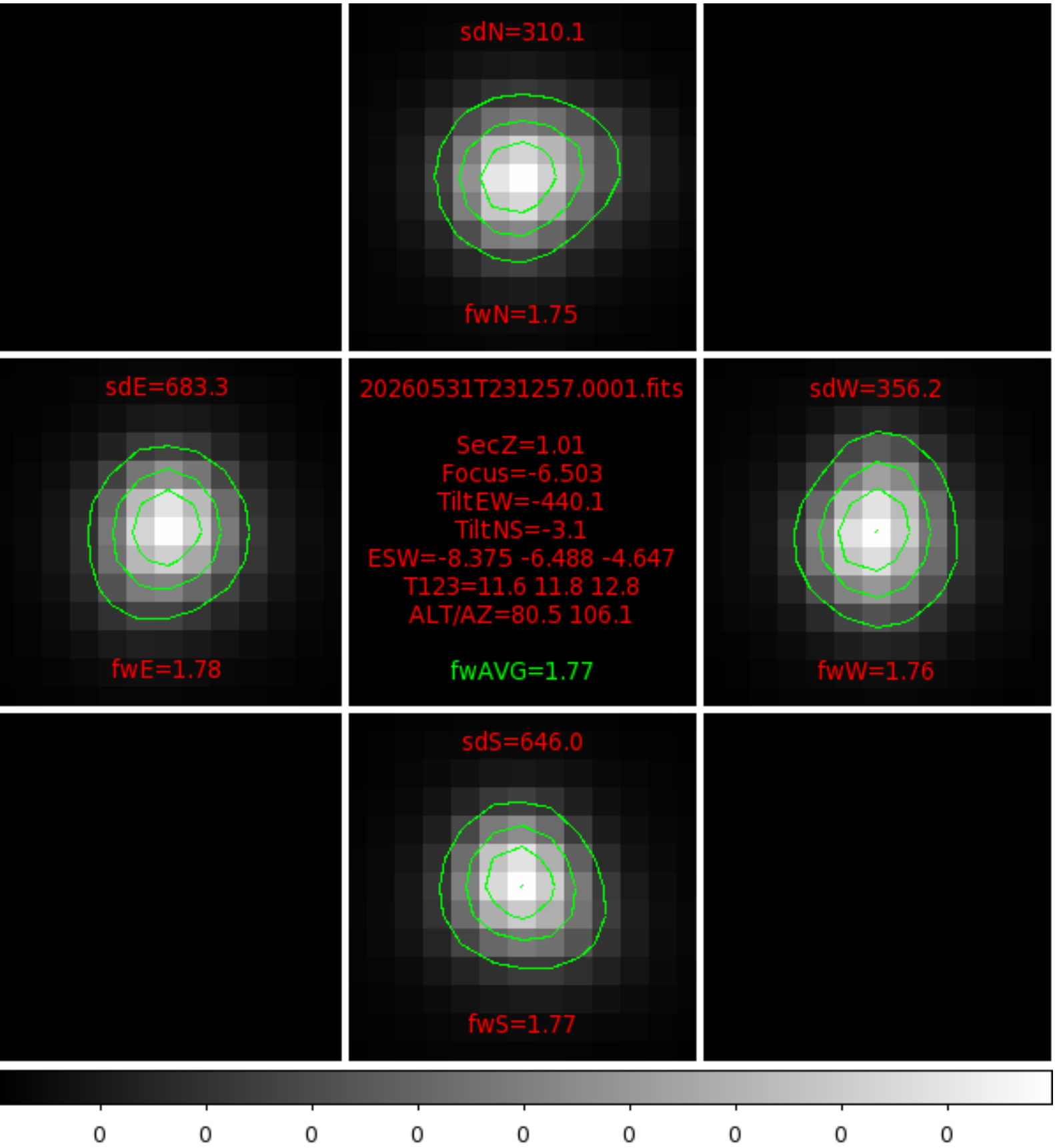
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T123=11.6 11.8 12.8
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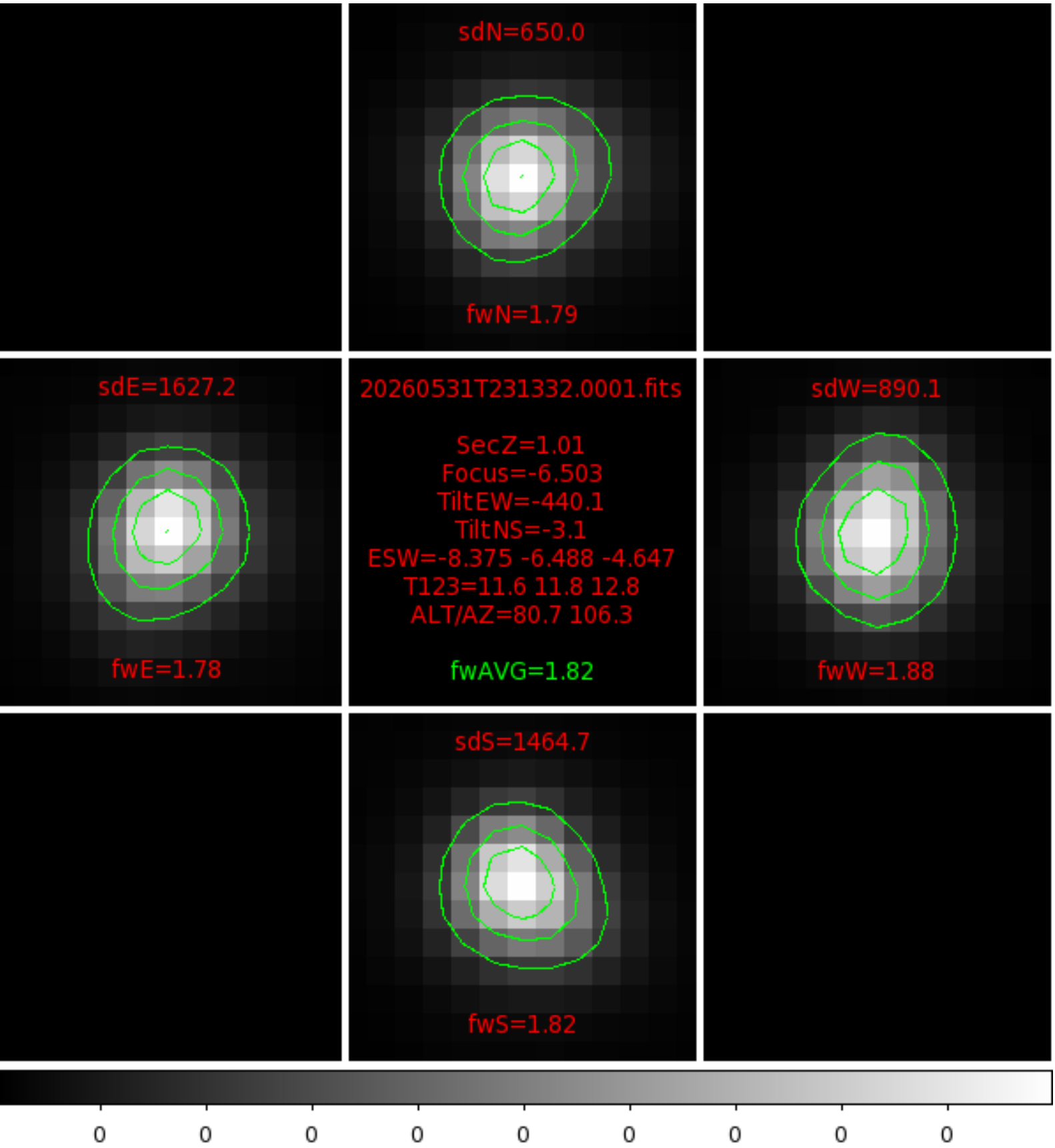
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T123=11.6 11.8 12.8
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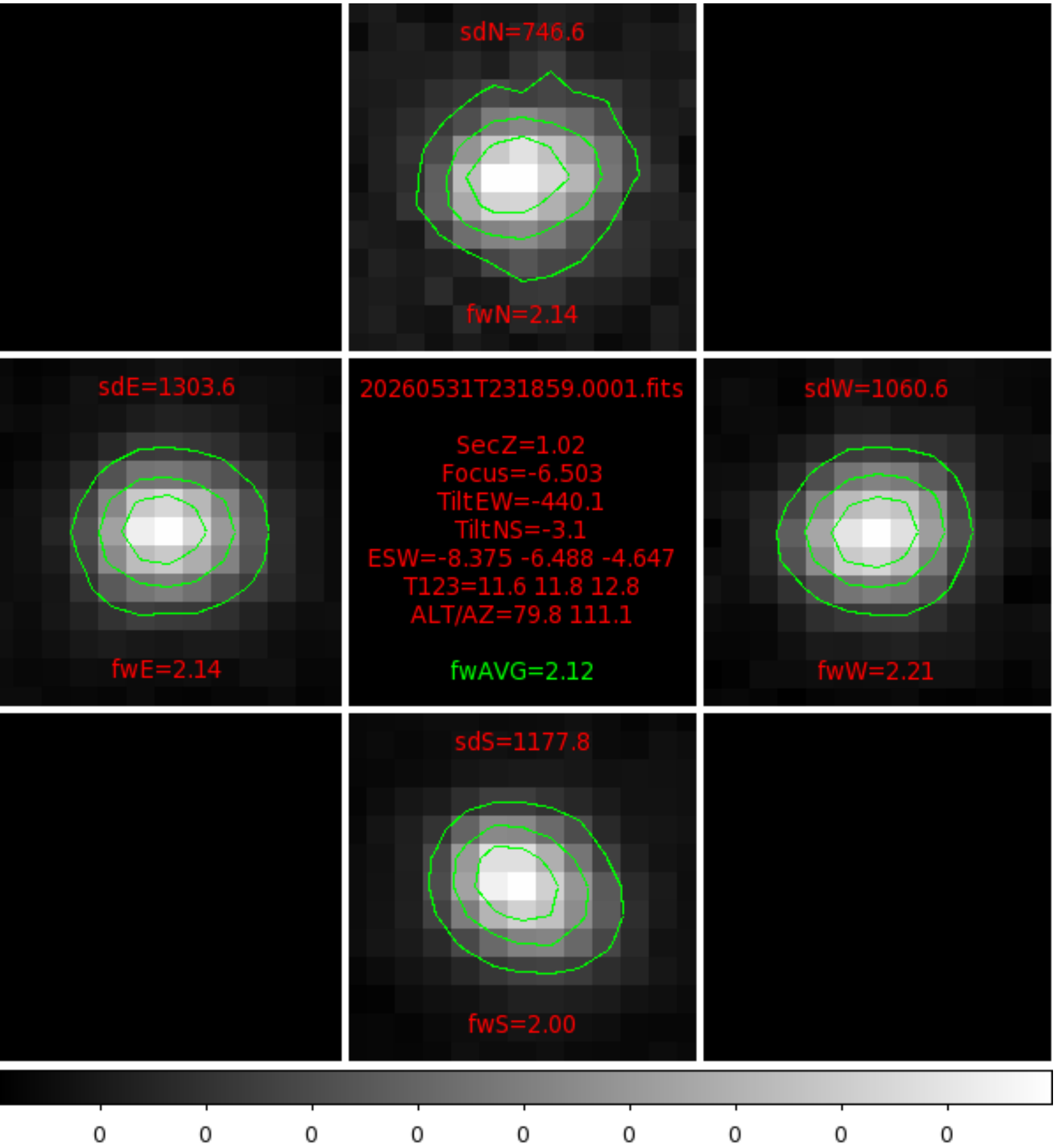
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T123=11.6 11.8 12.8
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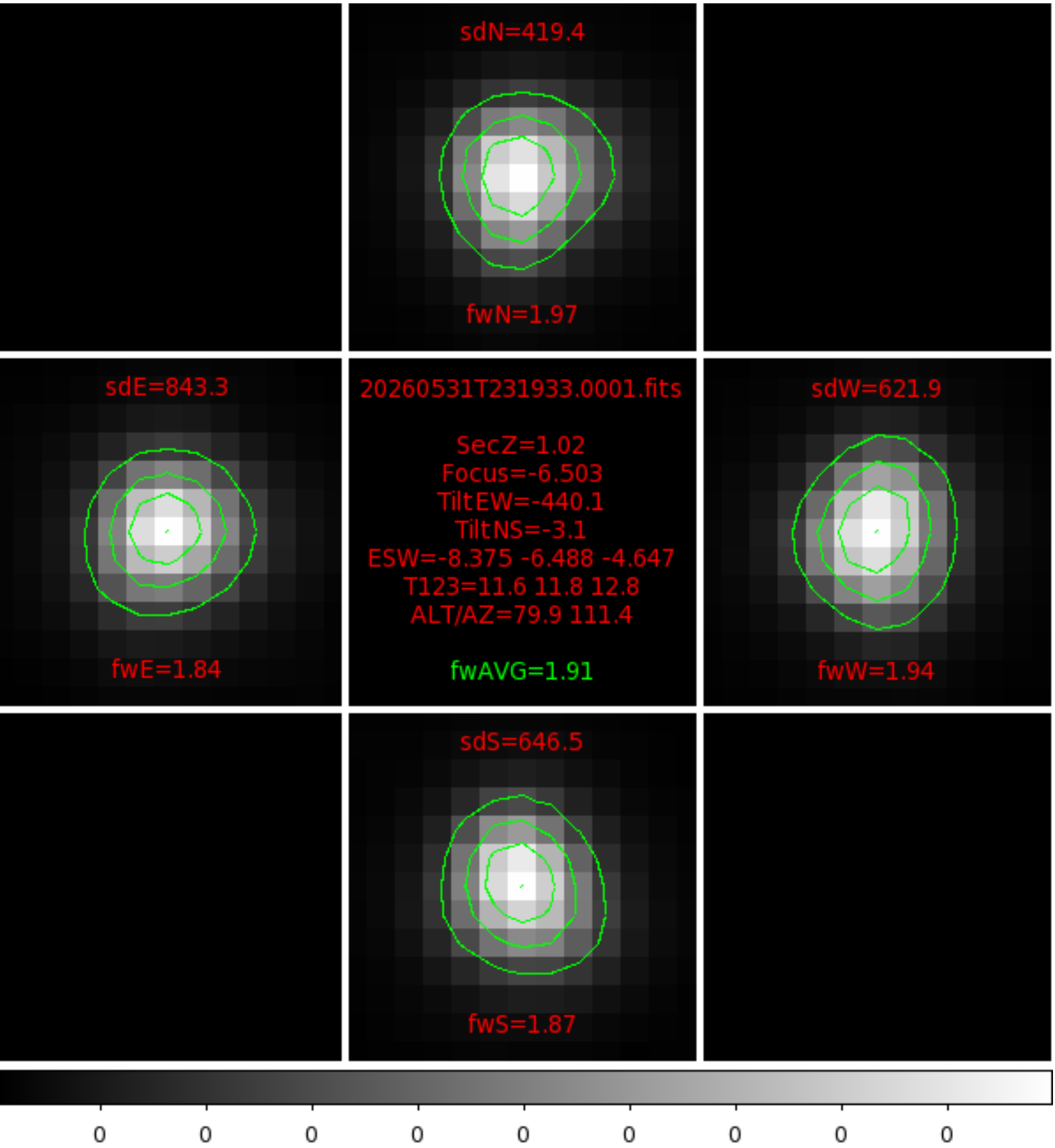
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ESW=-8.375 -6.488 -4.647
T123=11.6 11.8 12.8
ALT/AZ=79.9 111.4
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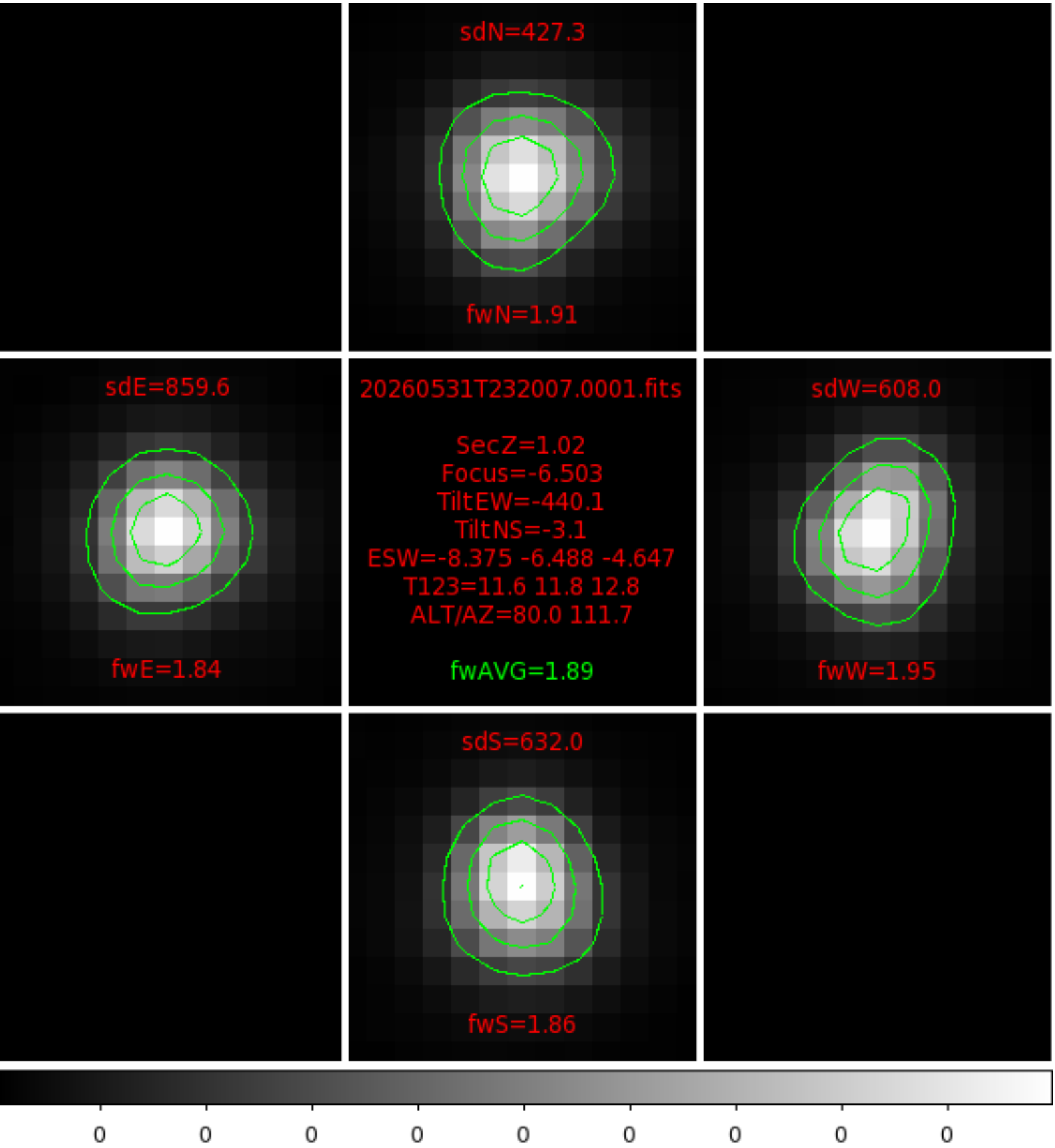
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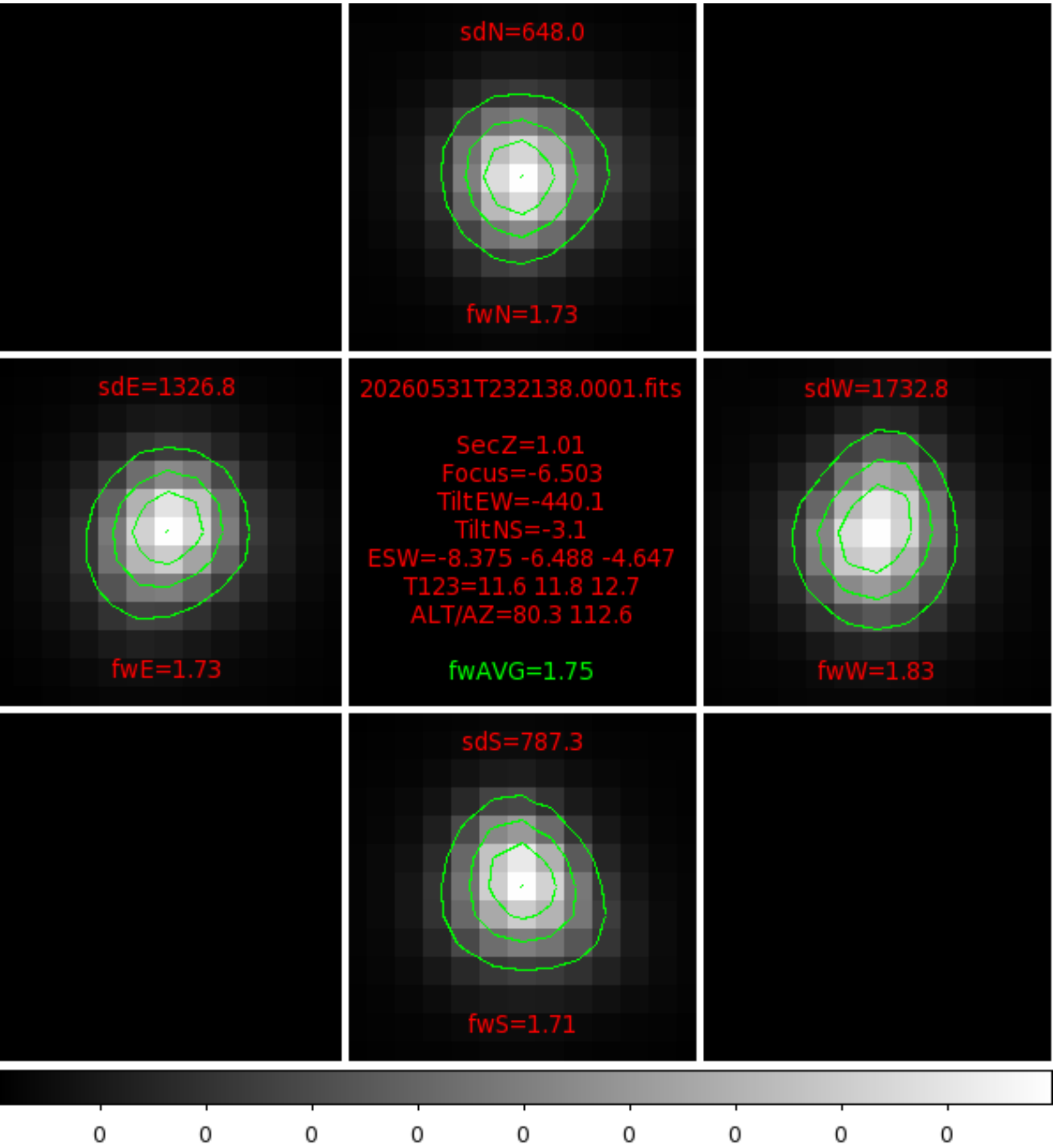
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TiltNS=-3.1
ESW=-8.375 -6.488 -4.647
T123=11.6 11.8 12.7
ALT/AZ=80.3 112.6
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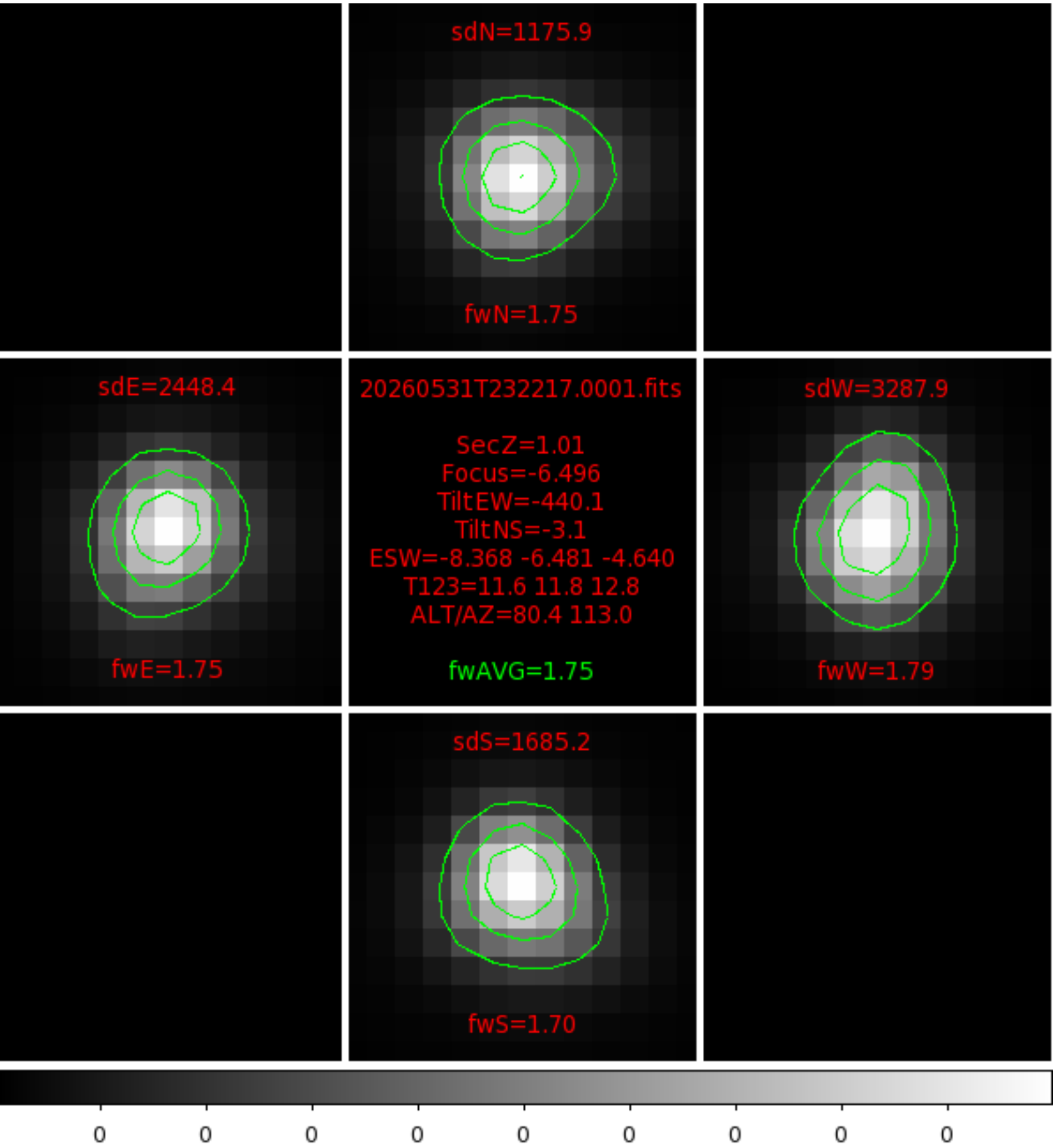
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TiltNS=-3.1
ESW=-8.368 -6.481 -4.640
T123=11.6 11.8 12.8
ALT/AZ=80.4 113.0
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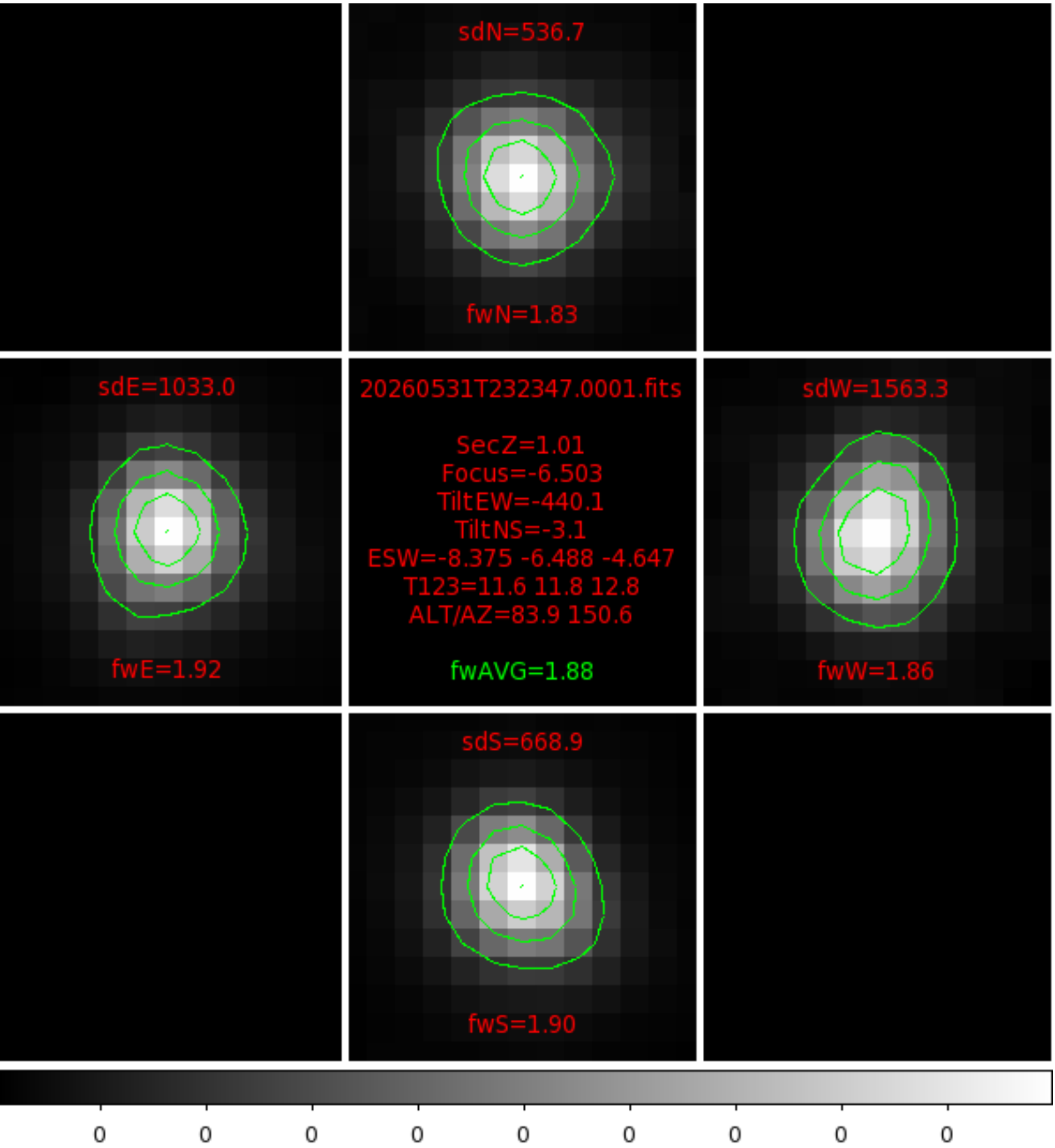
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ESW=-8.375 -6.488 -4.647
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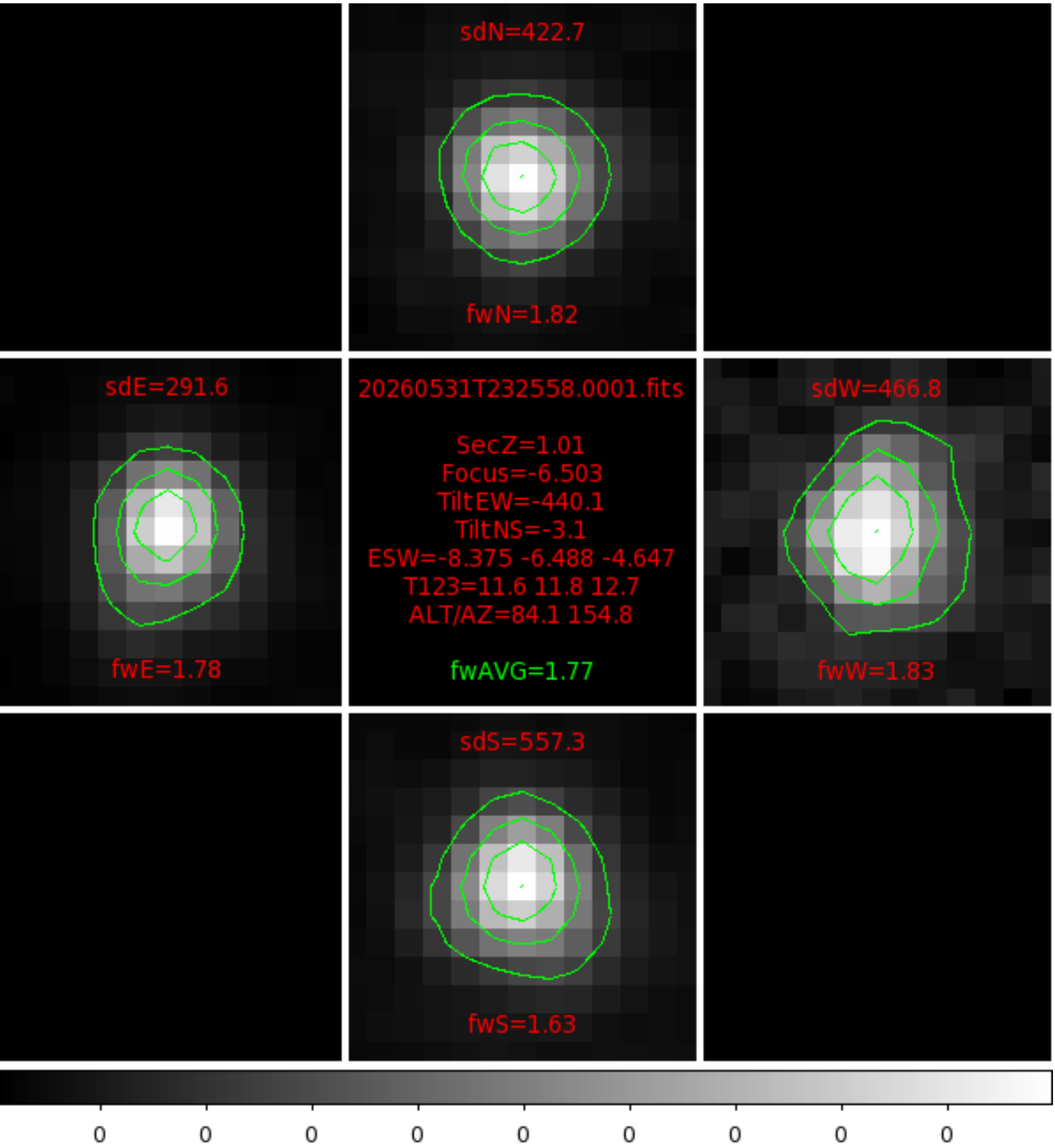
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SecZ=1.01
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T123=11.6 11.8 12.7
ALT/AZ=84.1 154.8
fwAVG=1.77
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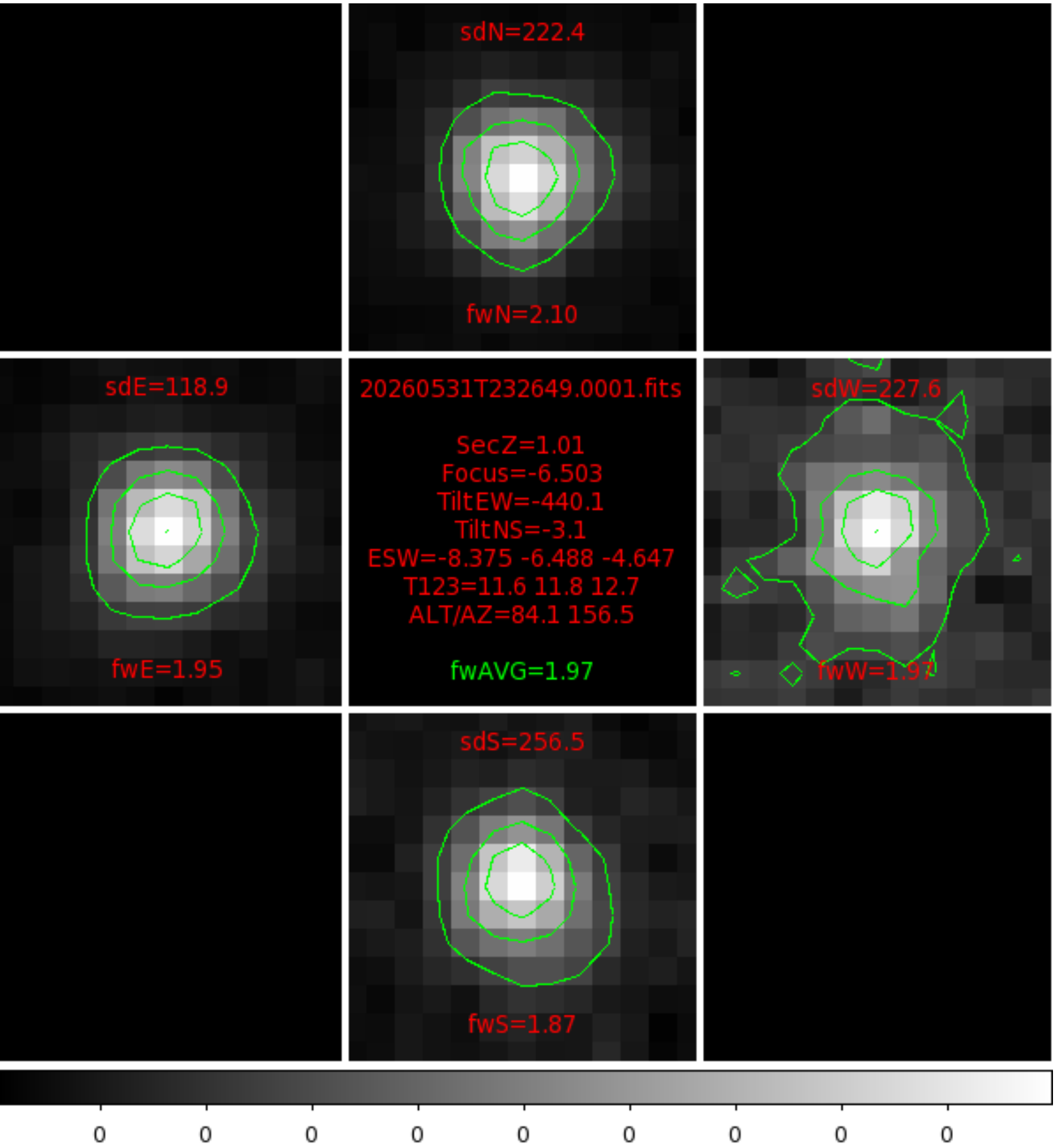
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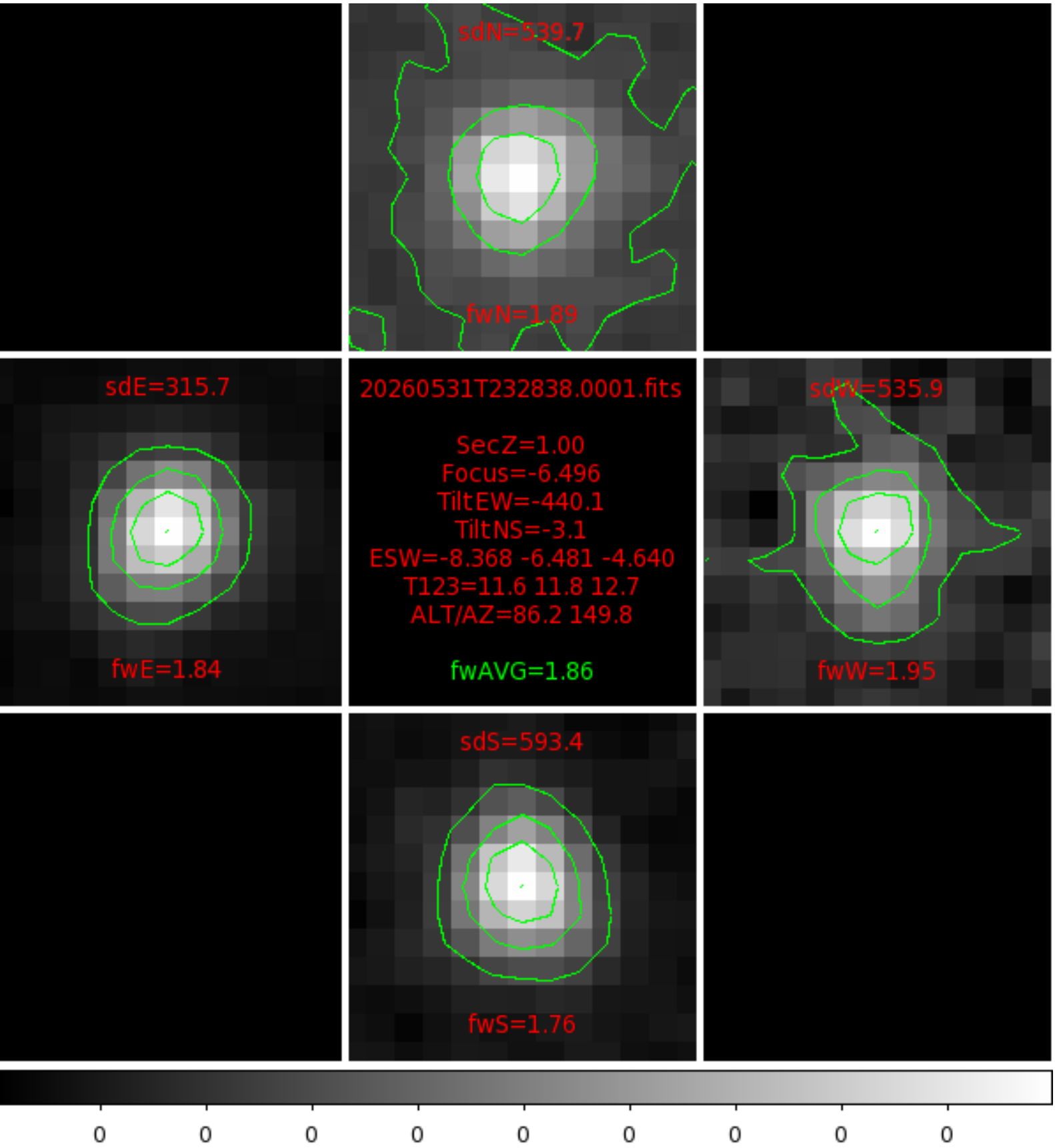
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T123=11.6 11.8 12.7
ALT/AZ=86.2 149.8
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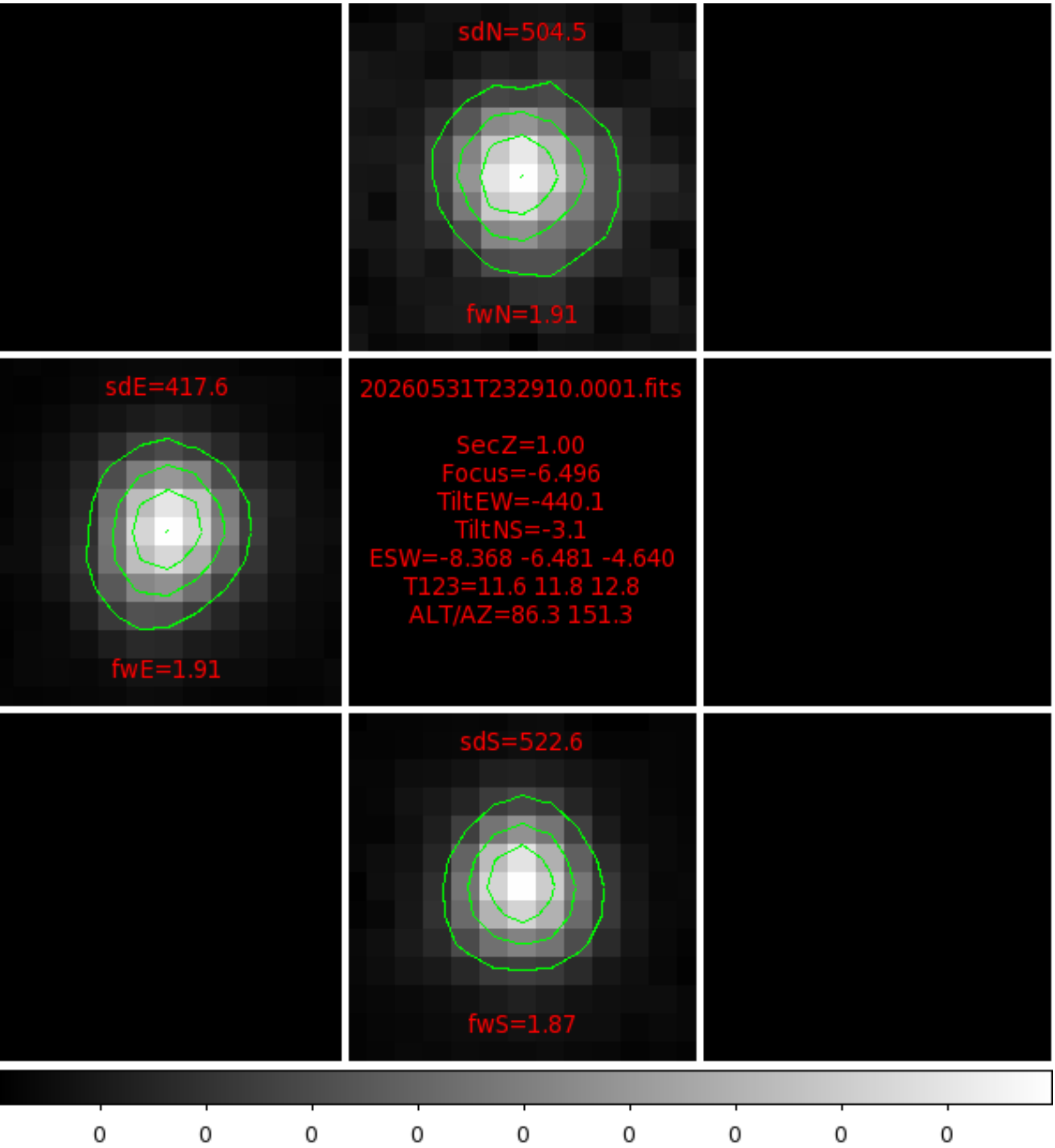
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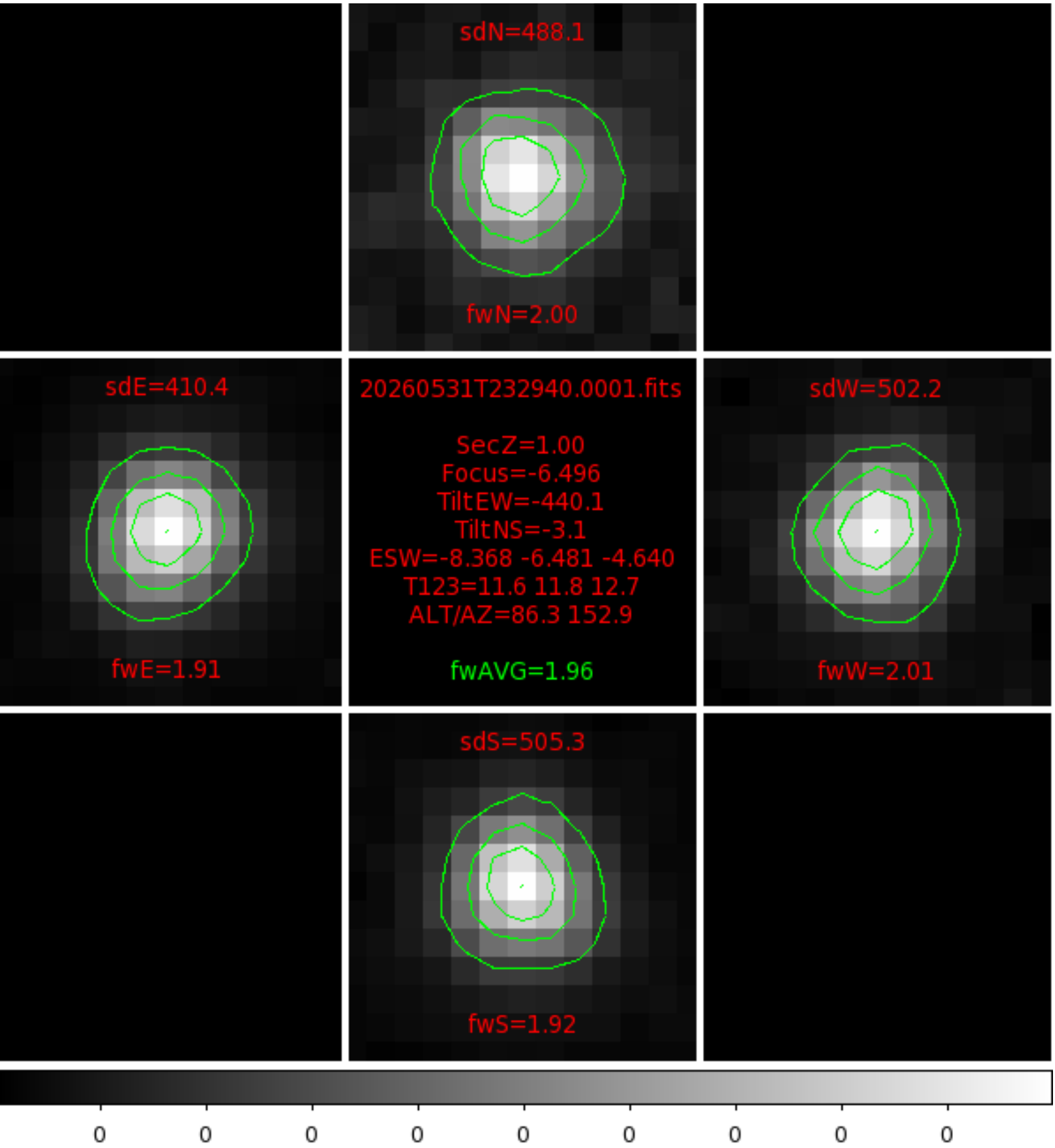
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ESW=-8.368 -6.481 -4.640
T123=11.6 11.8 12.7
ALT/AZ=86.3 152.9
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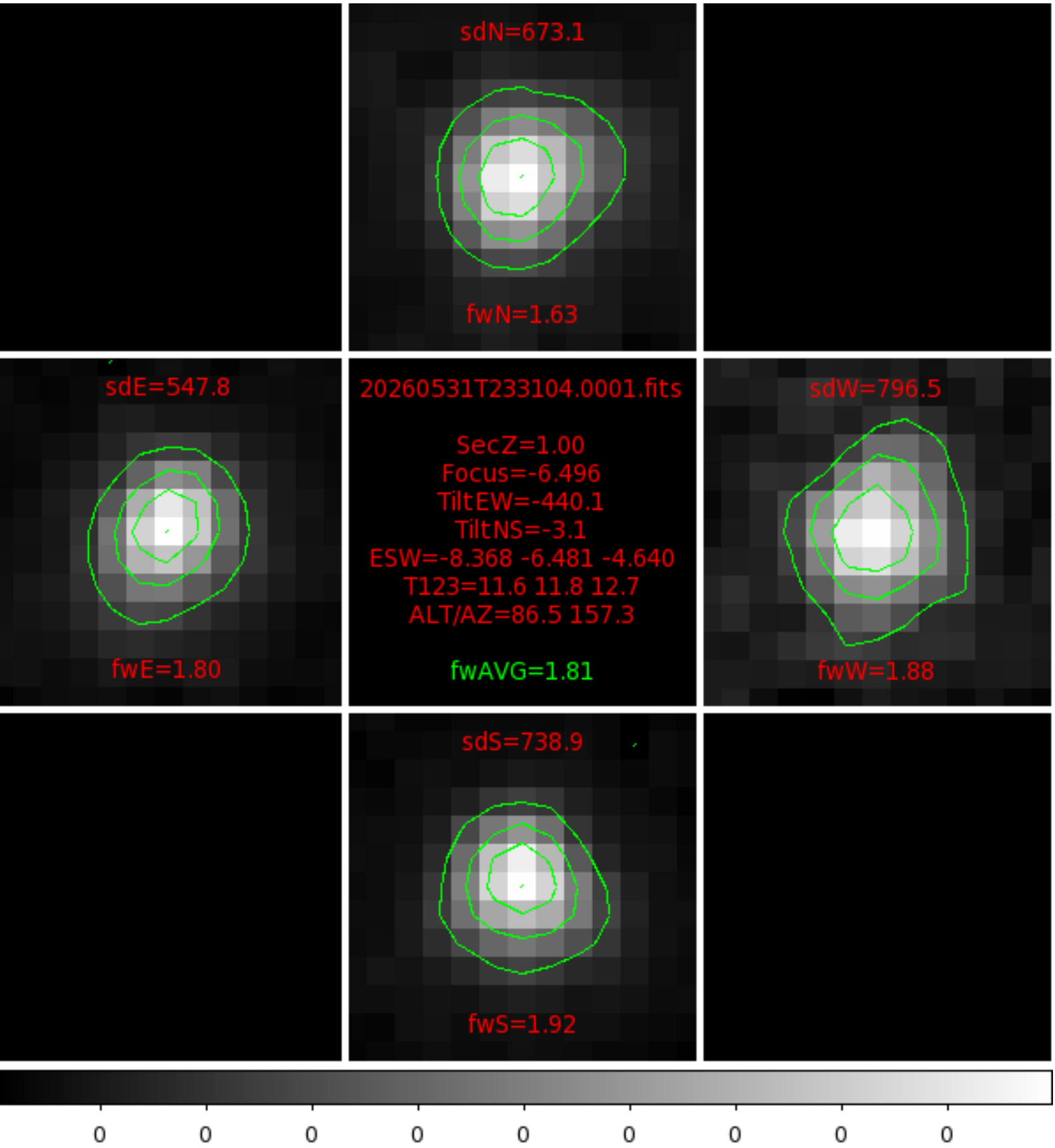
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T123=11.6 11.8 12.7
ALT/AZ=86.5 157.3
fwAVG=1.81
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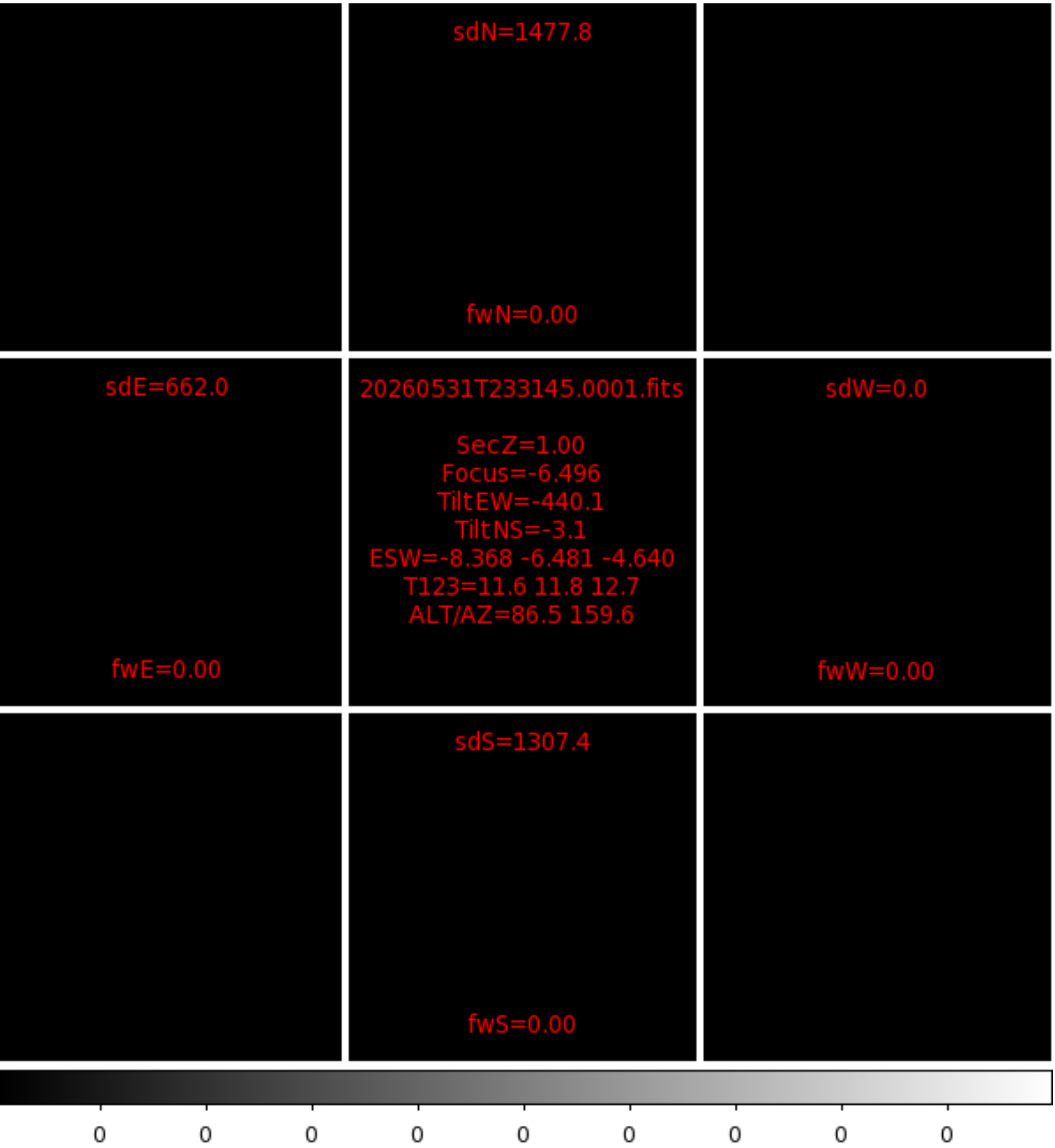
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T123=11.6 11.8 12.7
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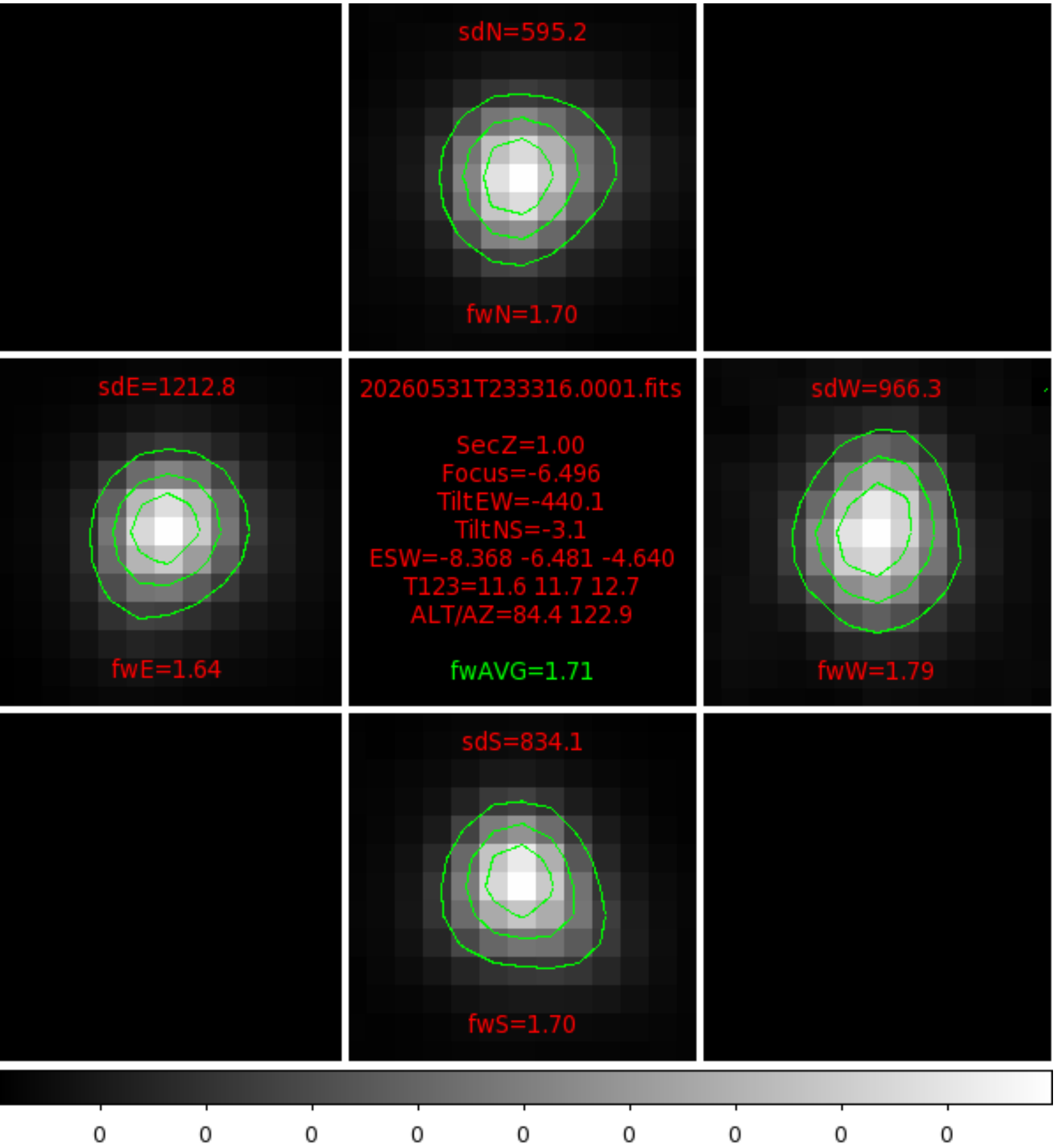
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SecZ=1.00
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TiltNS=-3.1
ESW=-8.368 -6.481 -4.640
T123=11.6 11.7 12.7
ALT/AZ=84.4 122.9
fwAVG=1.71
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sdS=834.1
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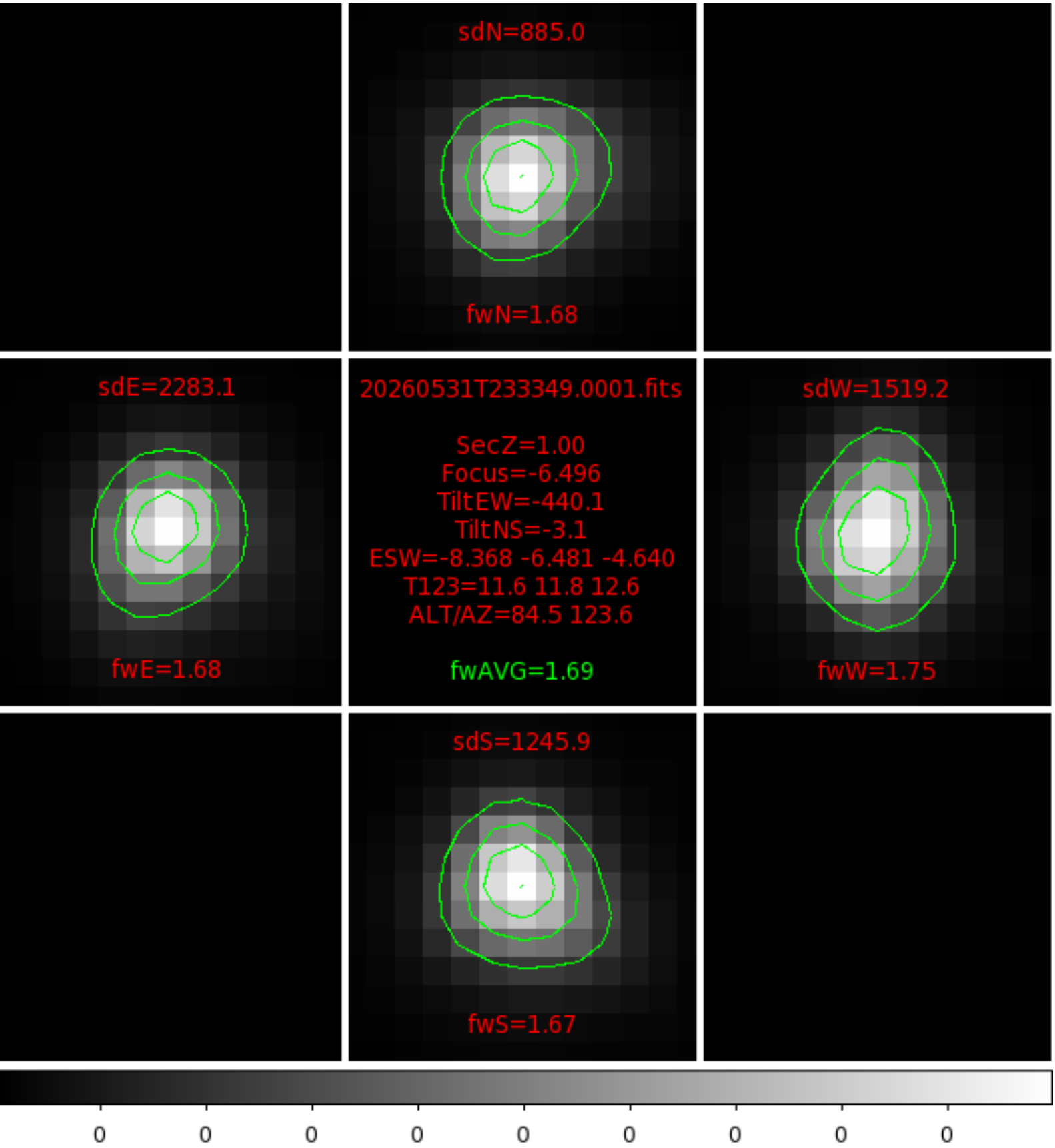
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SecZ=1.00
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.368 -6.481 -4.640
T123=11.6 11.8 12.6
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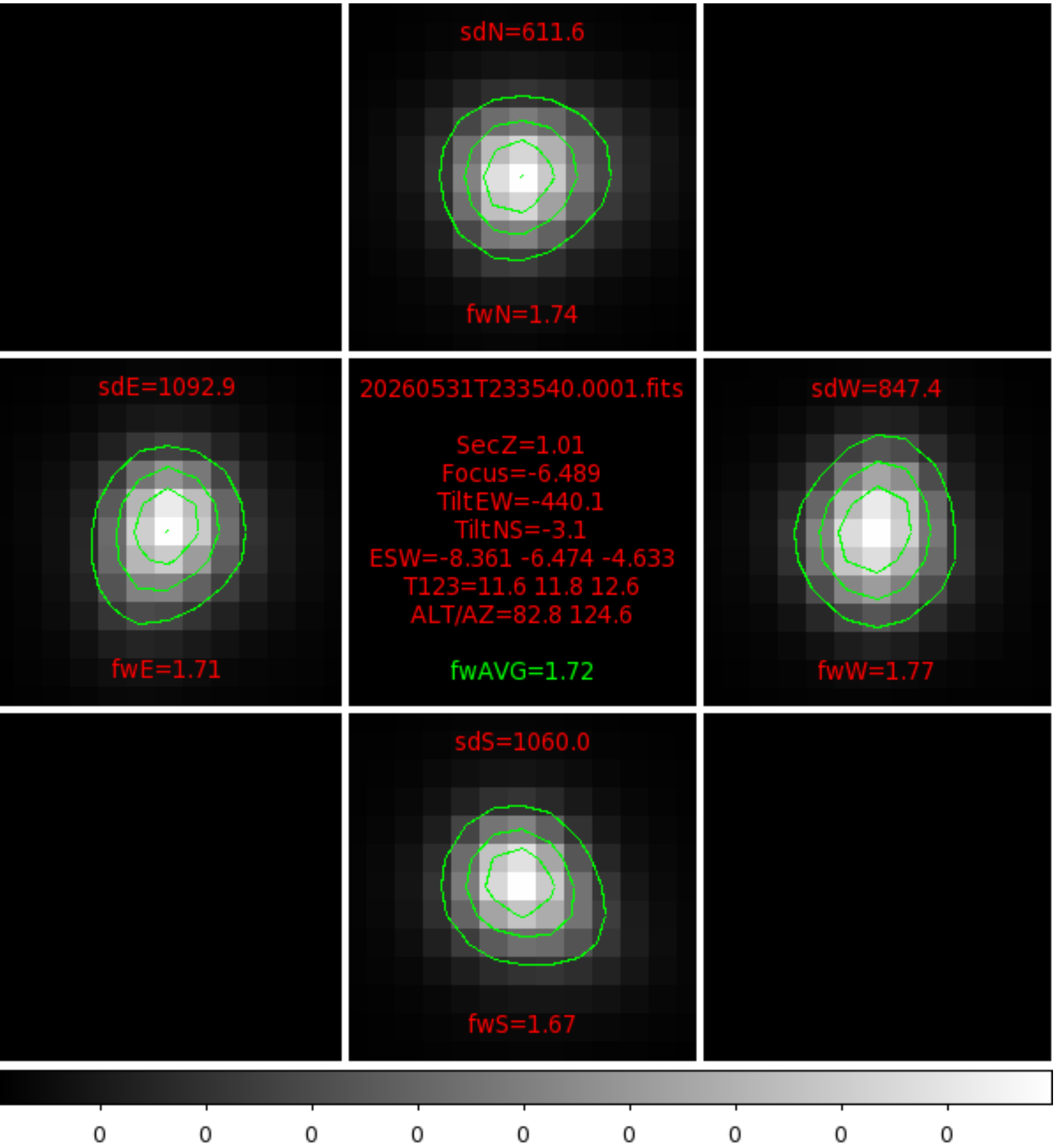
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T123=11.6 11.8 12.6
ALT/AZ=82.8 124.6
fwAVG=1.72
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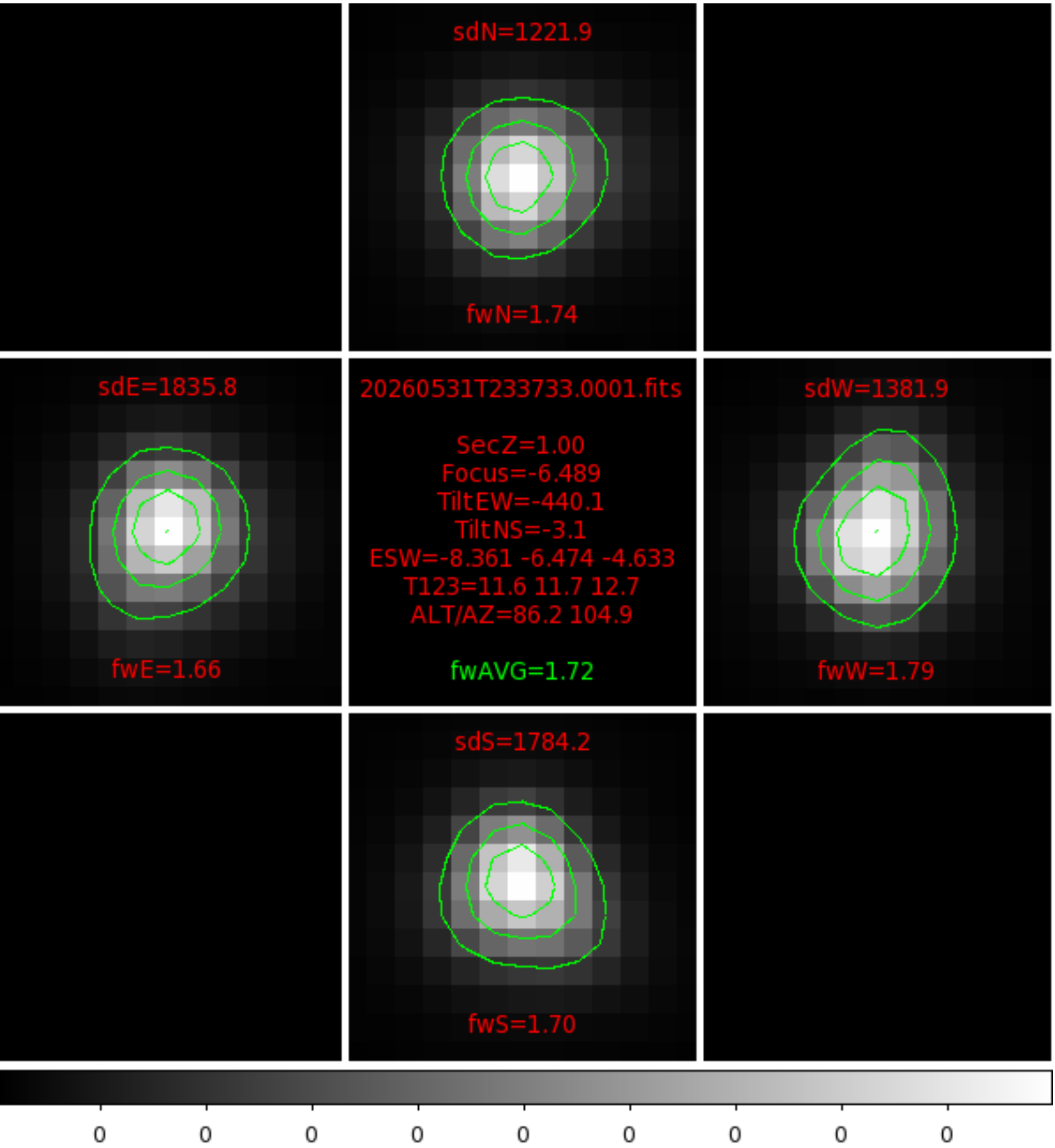
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SecZ=1.00
Focus=-6.489
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.361 -6.474 -4.633
T123=11.6 11.7 12.7
ALT/AZ=86.2 104.9
fwAVG=1.72
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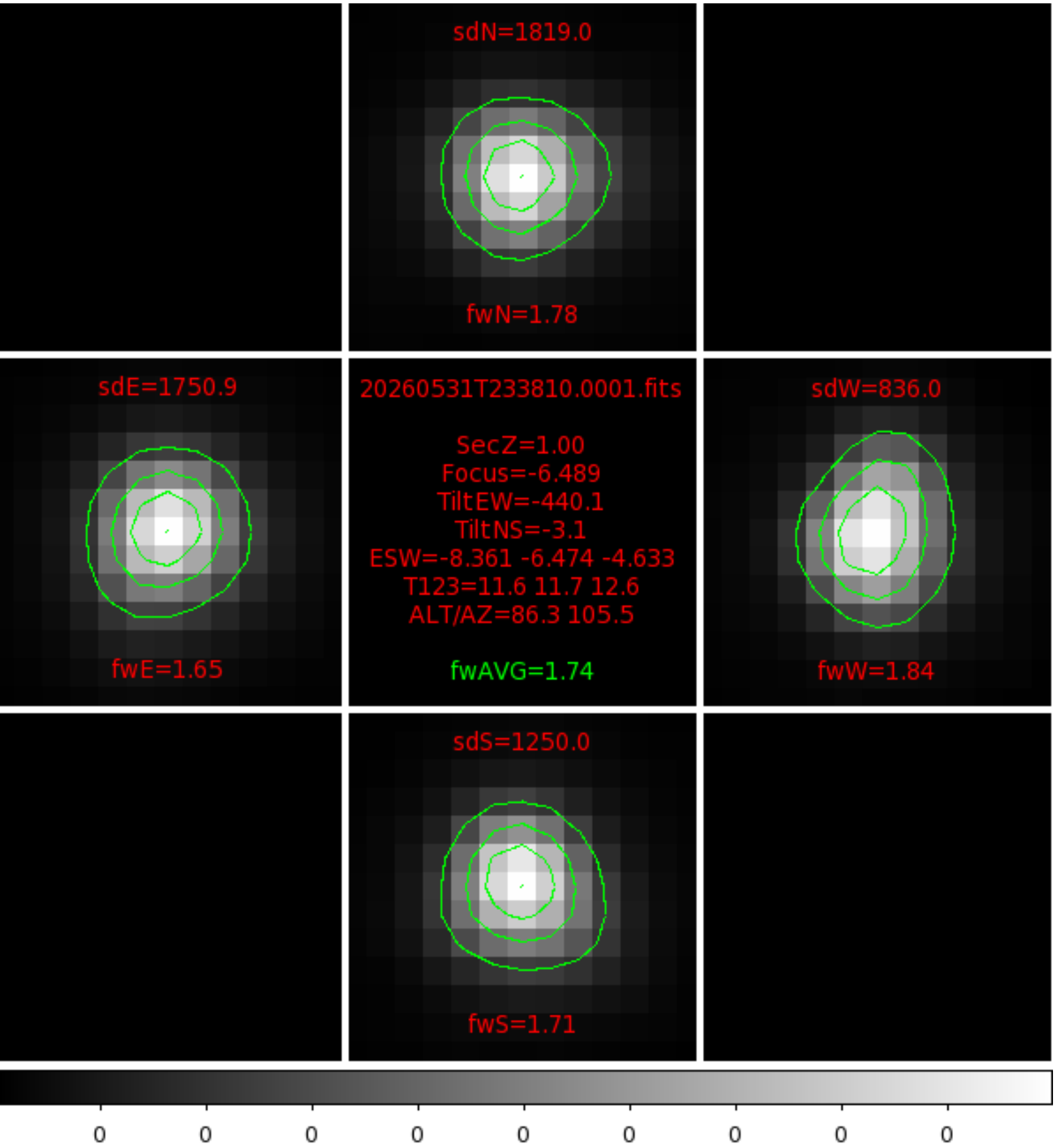
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.361 -6.474 -4.633
T123=11.6 11.7 12.6
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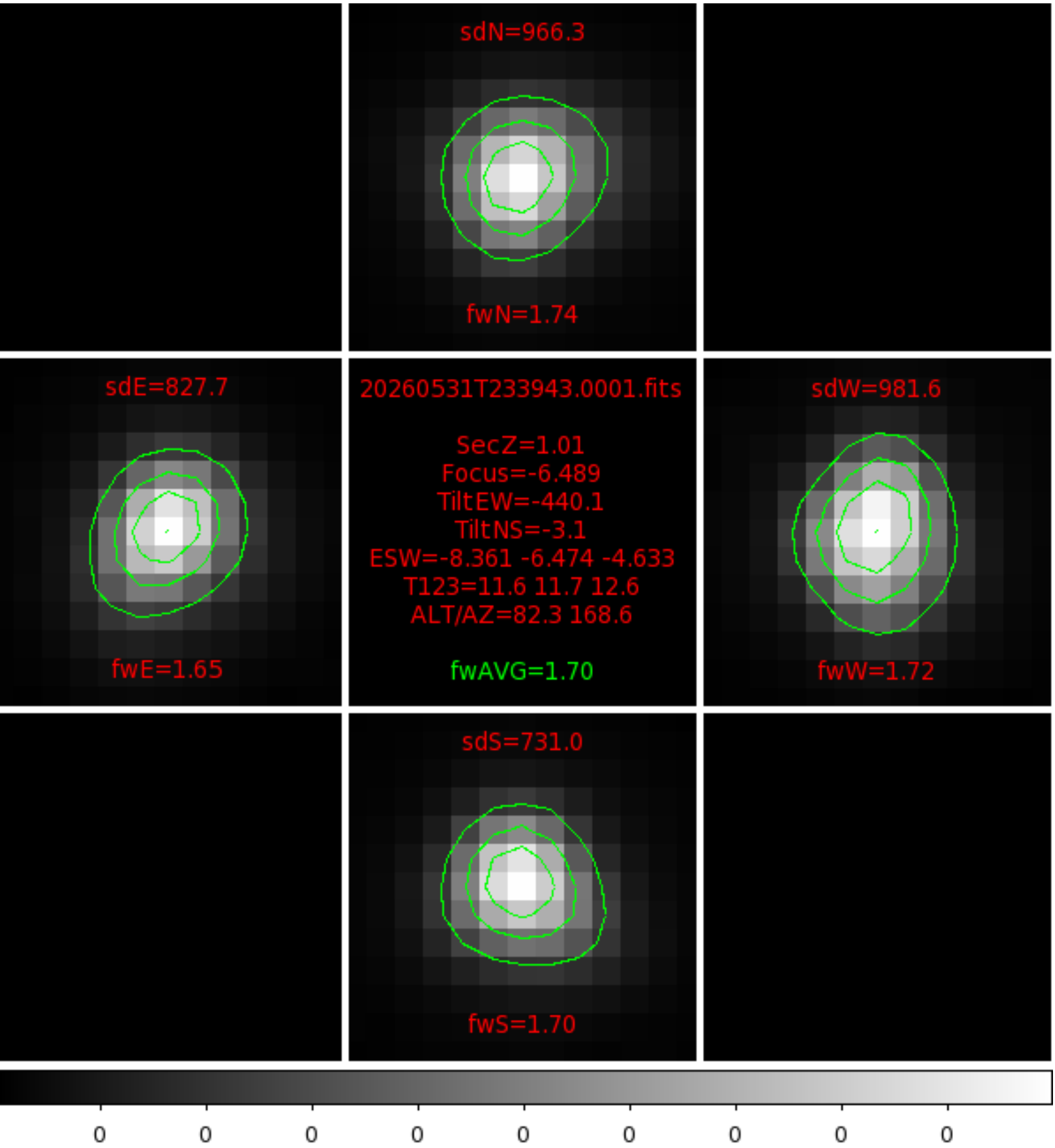
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TiltNS=-3.1
ESW=-8.361 -6.474 -4.633
T123=11.6 11.7 12.6
ALT/AZ=82.3 168.6
fwAVG=1.70
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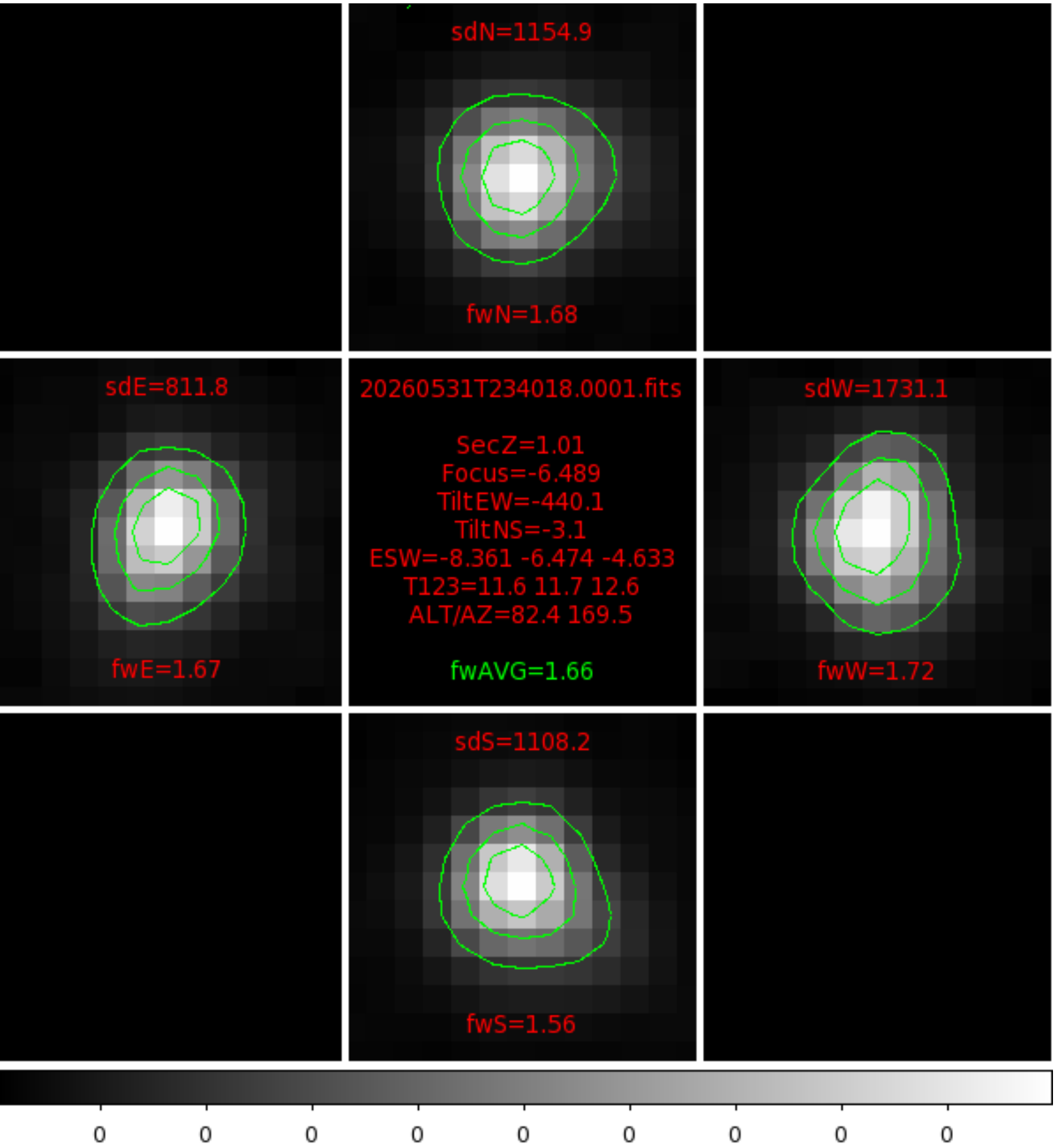
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ESW=-8.361 -6.474 -4.633
T123=11.6 11.7 12.6
ALT/AZ=82.4 169.5
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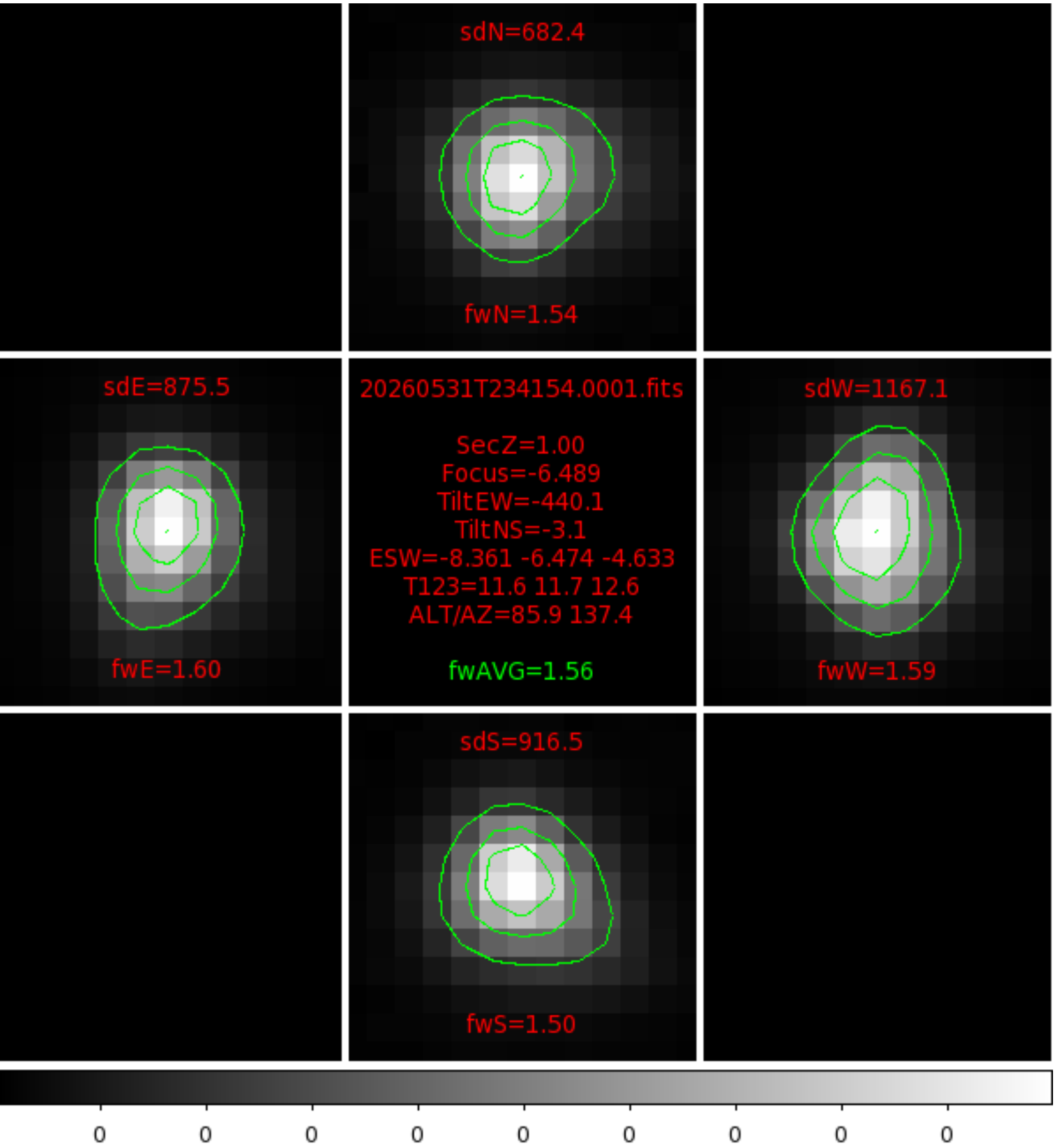
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ESW=-8.361 -6.474 -4.633
T123=11.6 11.7 12.6
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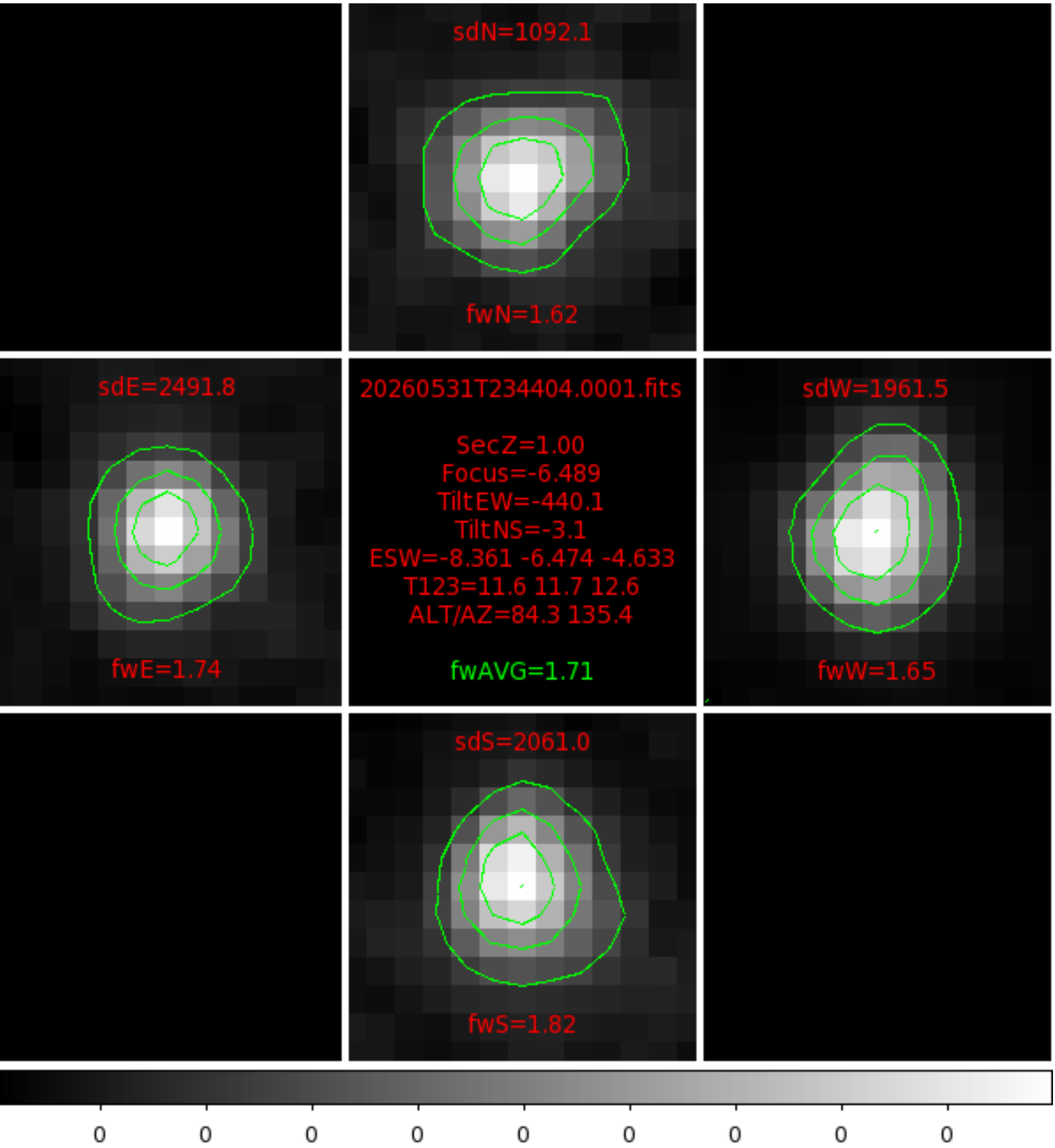
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SecZ=1.00
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T123=11.6 11.7 12.6
ALT/AZ=84.3 135.4
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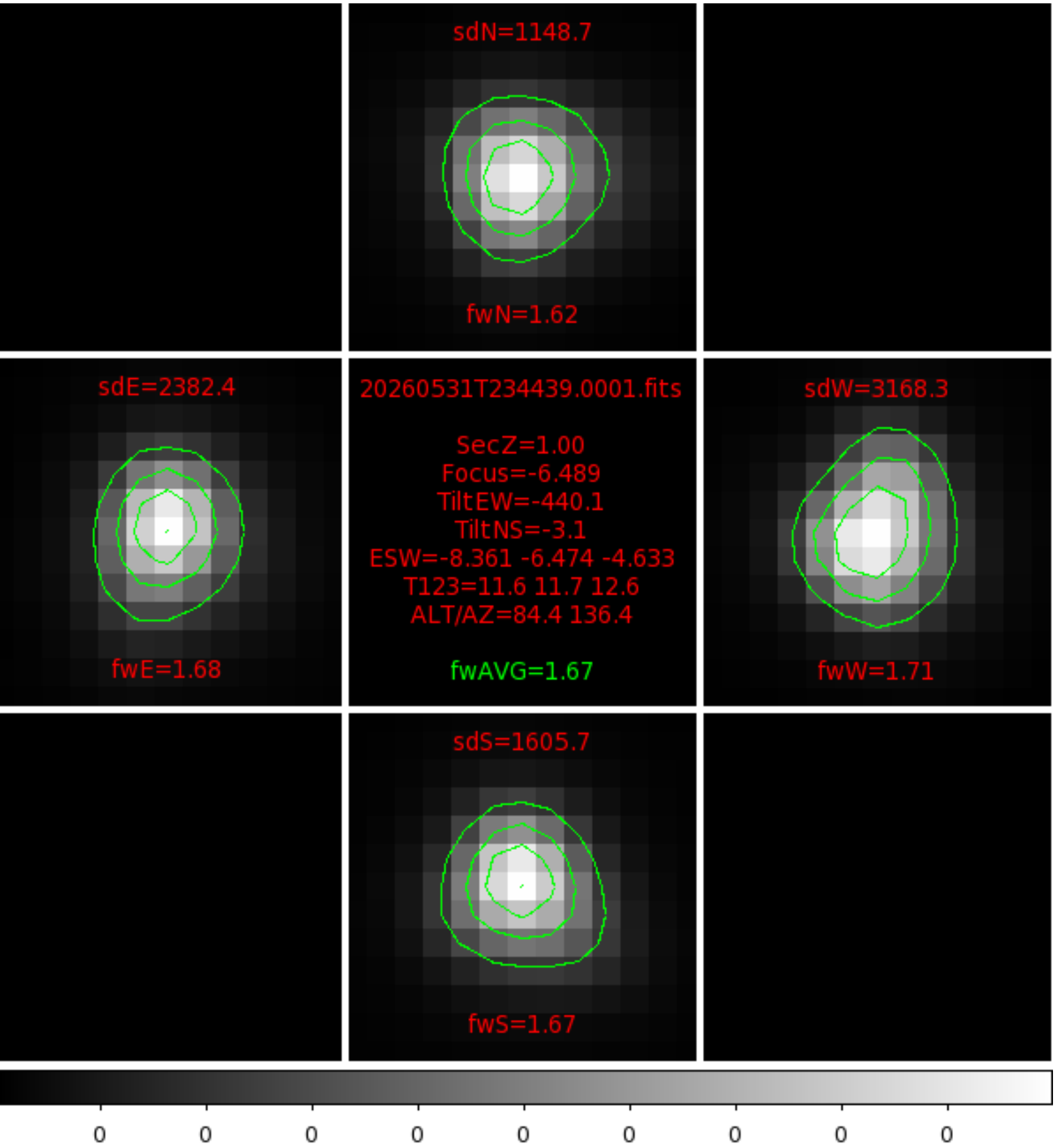
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T123=11.6 11.7 12.6
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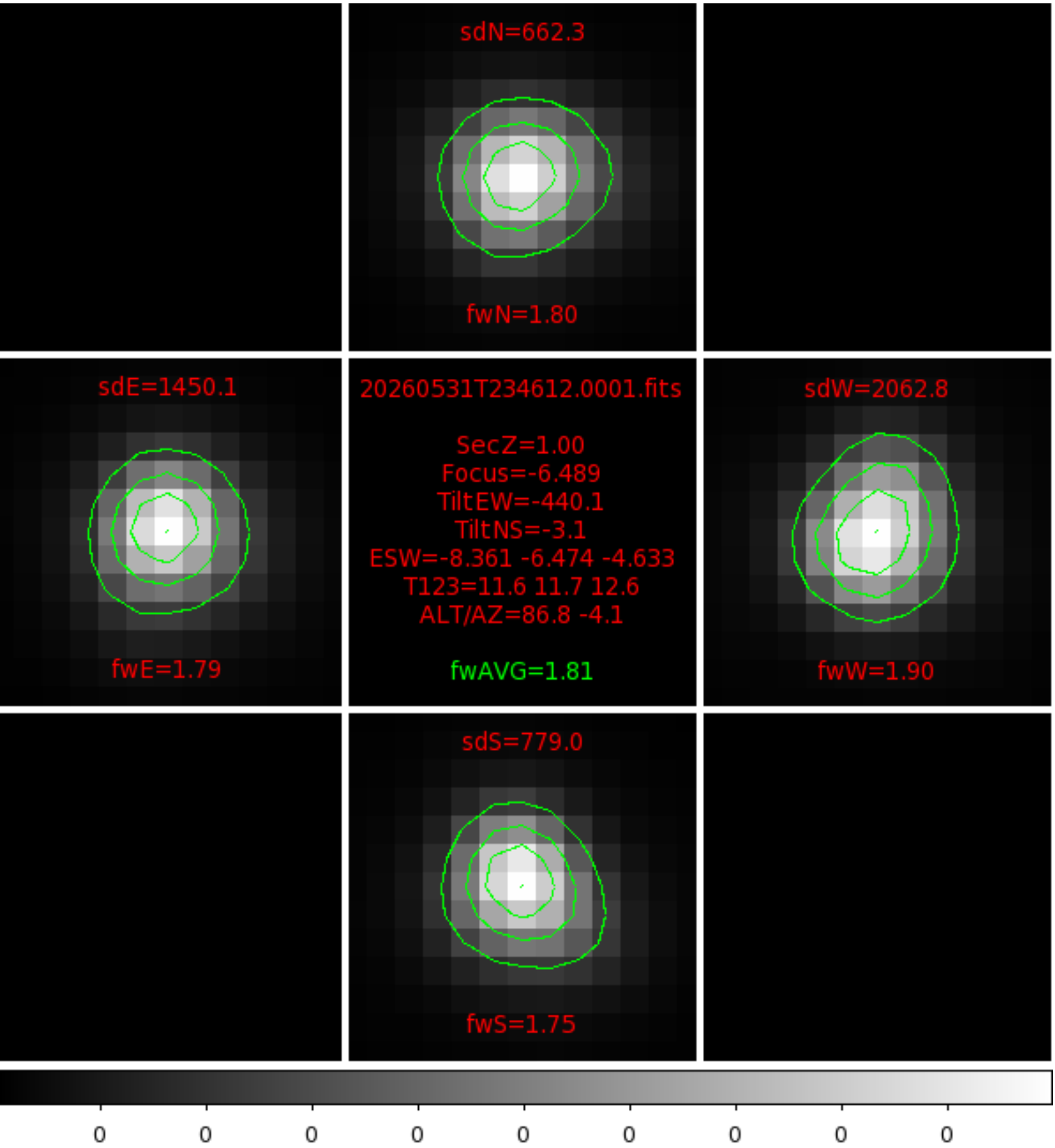
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TiltNS=-3.1
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T123=11.6 11.7 12.6
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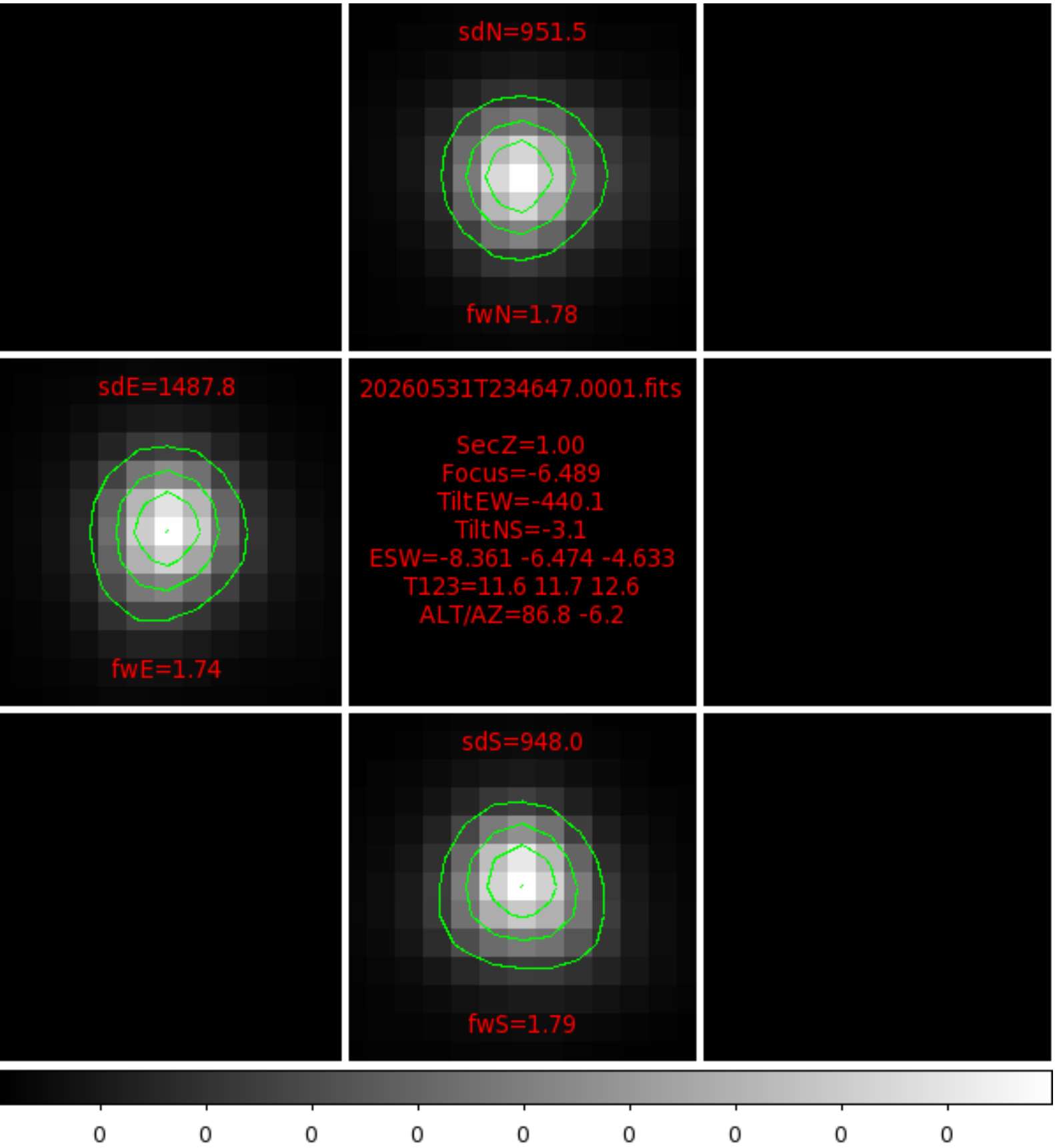
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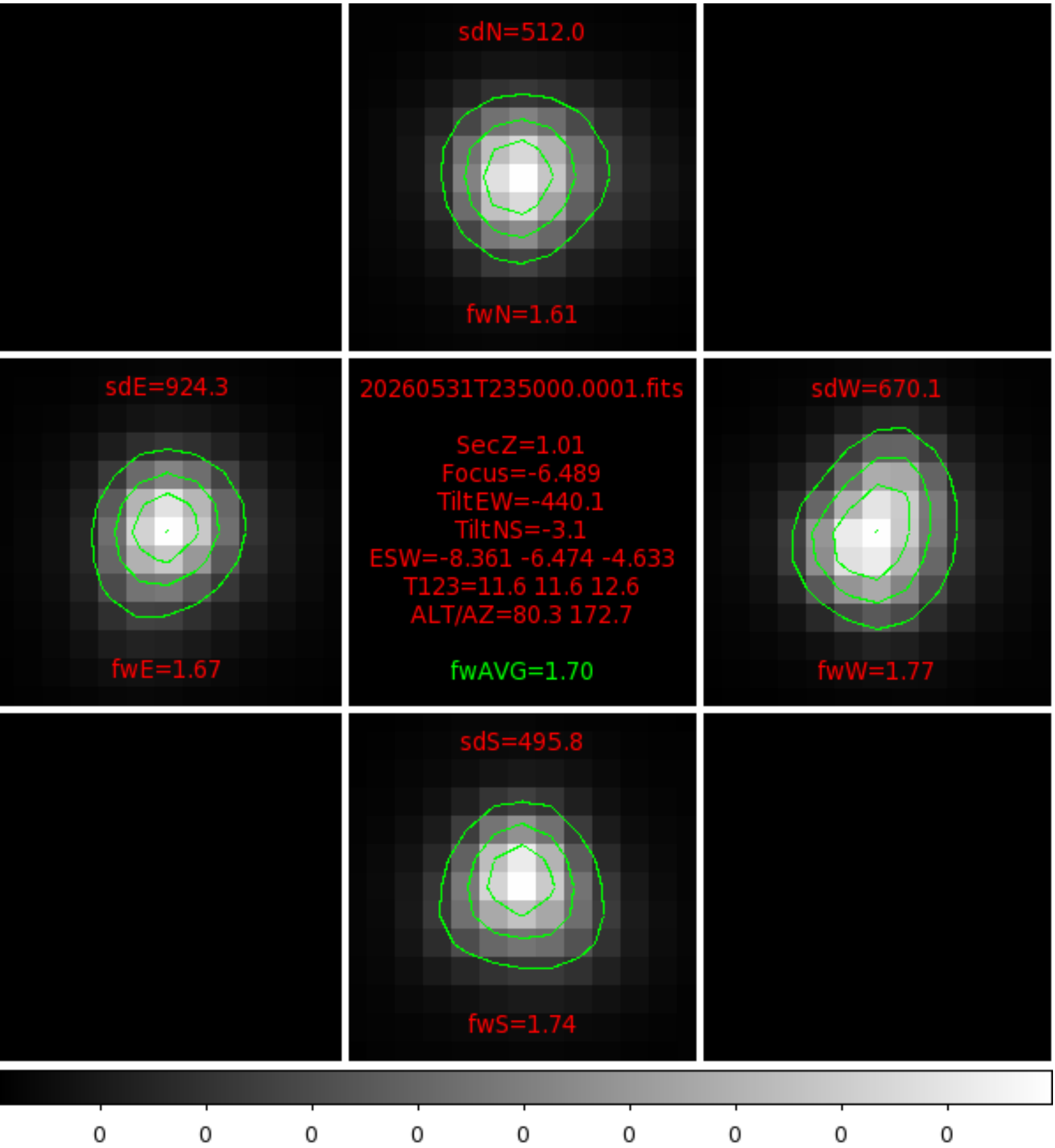
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ESW=-8.361 -6.474 -4.633
T123=11.6 11.6 12.6
ALT/AZ=80.3 172.7
fwAVG=1.70
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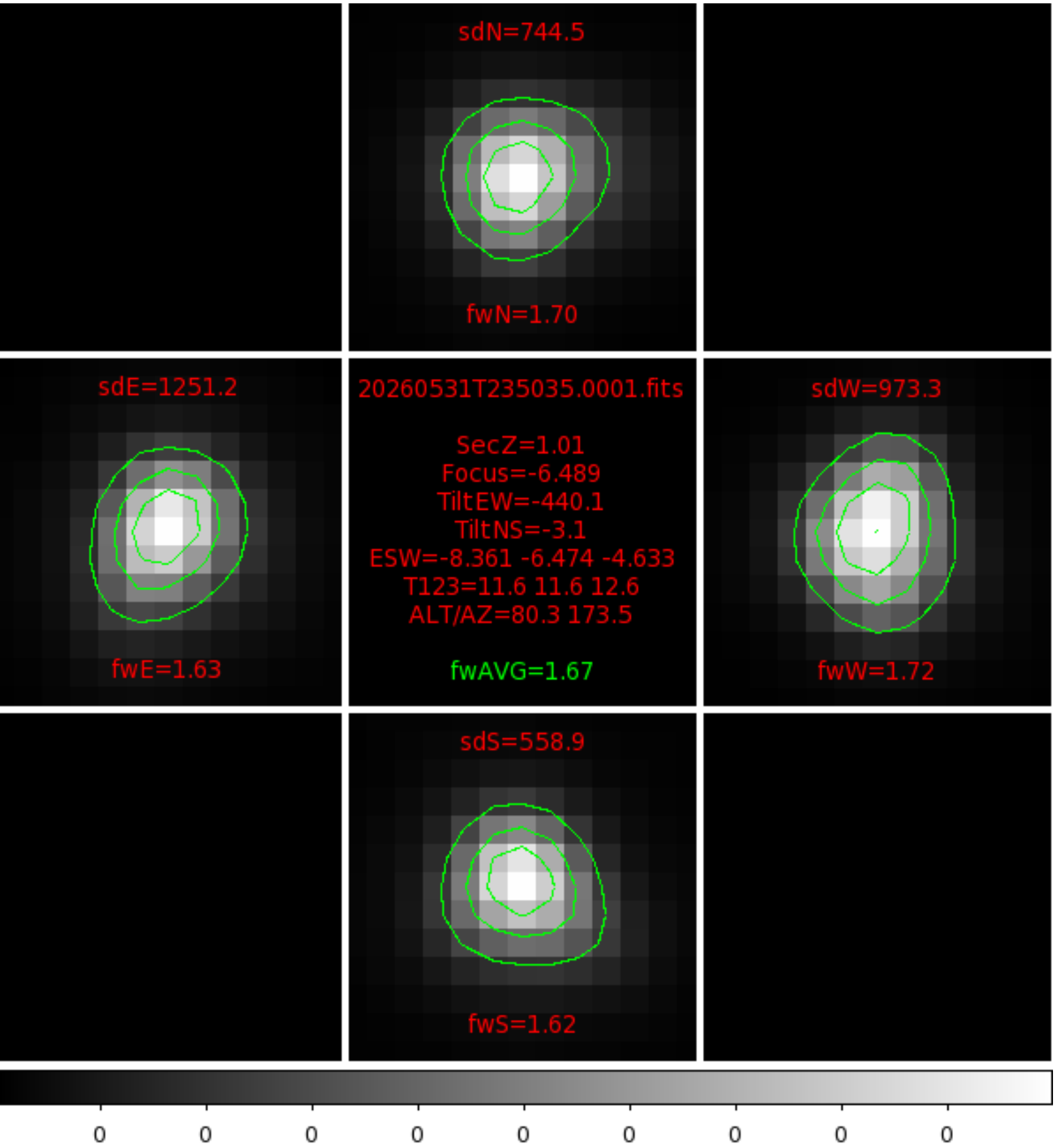
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T123=11.6 11.6 12.6
ALT/AZ=80.3 173.5
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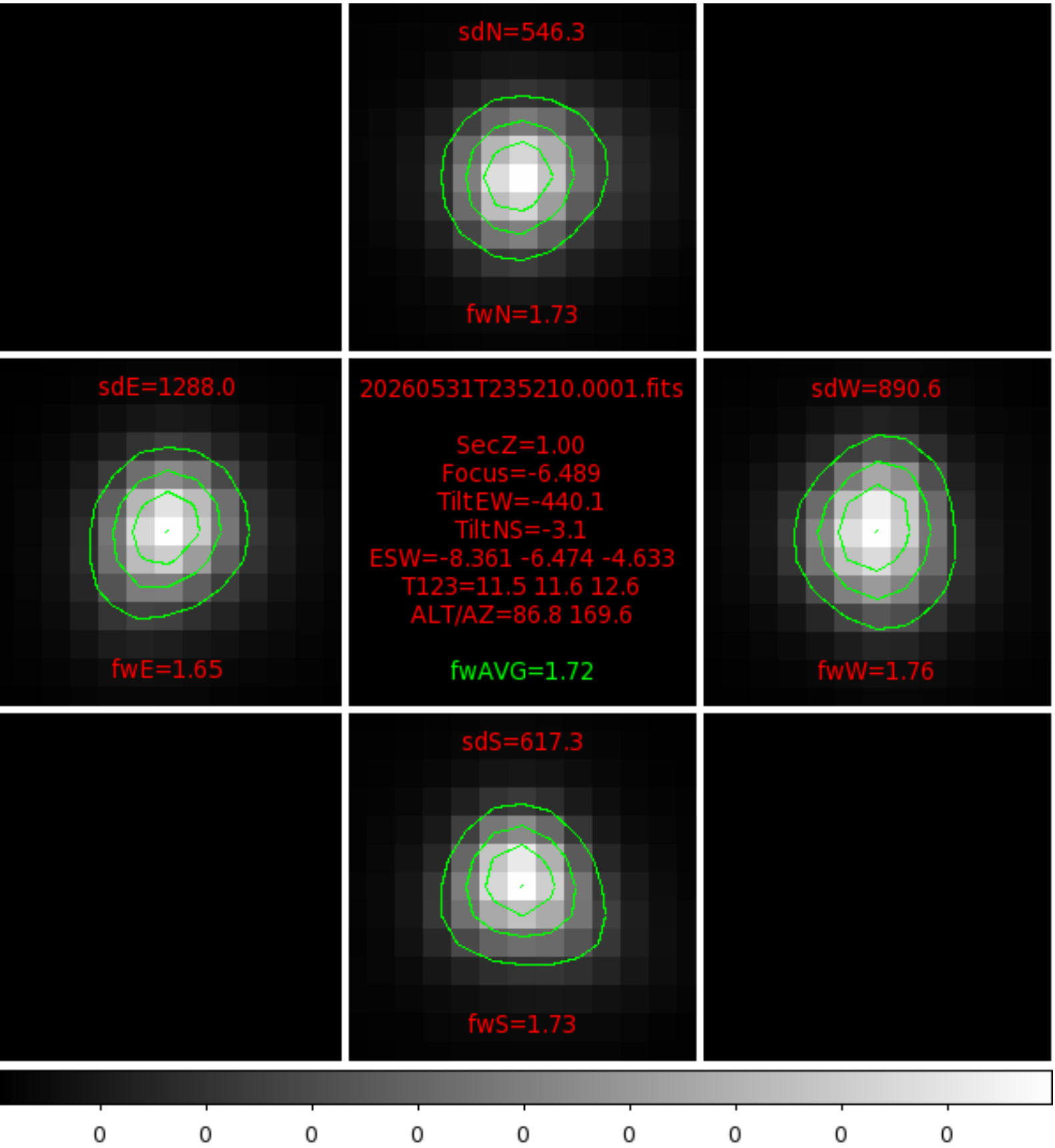
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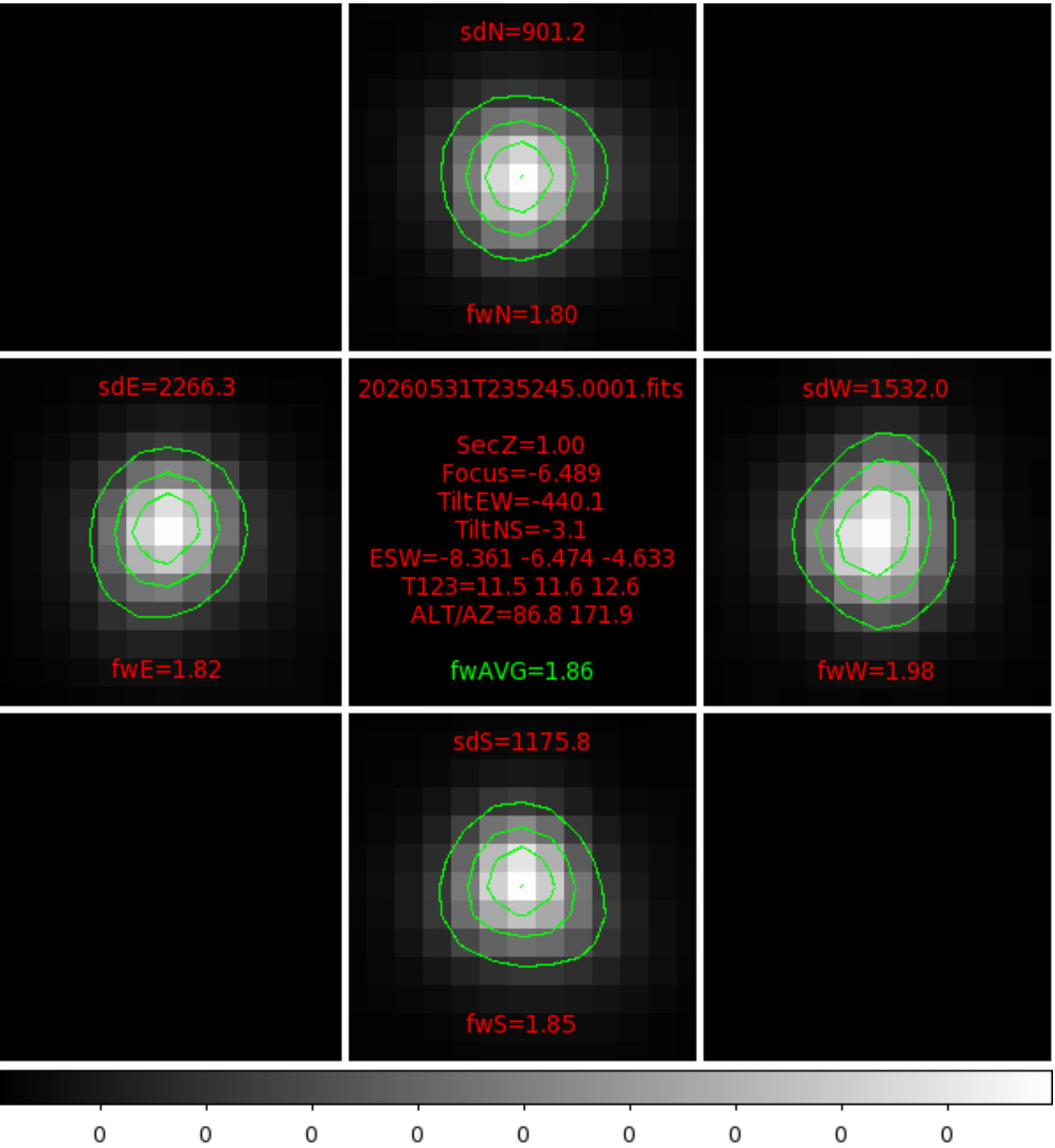
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TiltNS=-3.1
ESW=-8.361 -6.474 -4.633
T123=11.5 11.6 12.6
ALT/AZ=86.8 171.9
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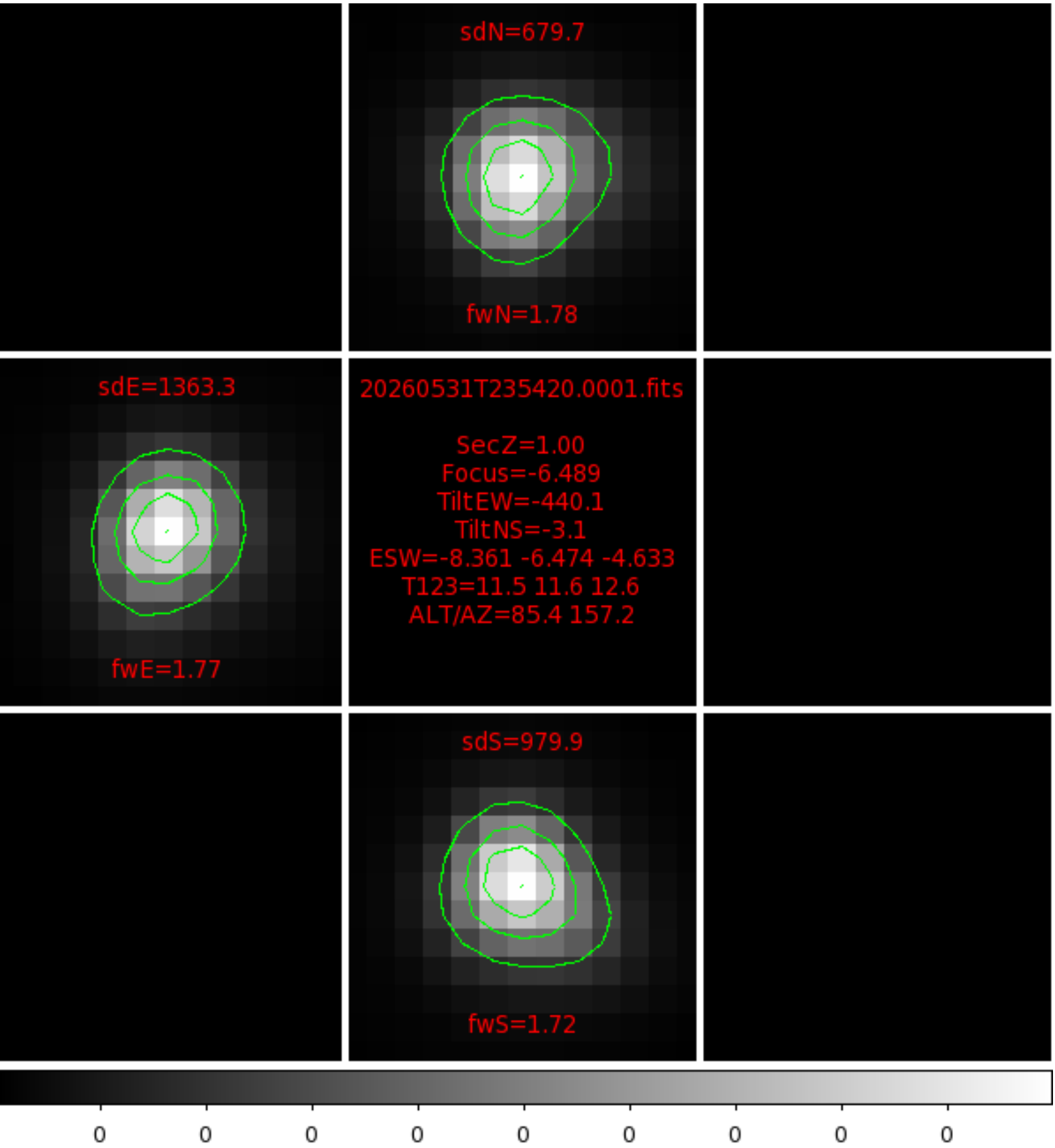
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TiltNS=-3.1
ESW=-8.361 -6.474 -4.633
T123=11.5 11.6 12.6
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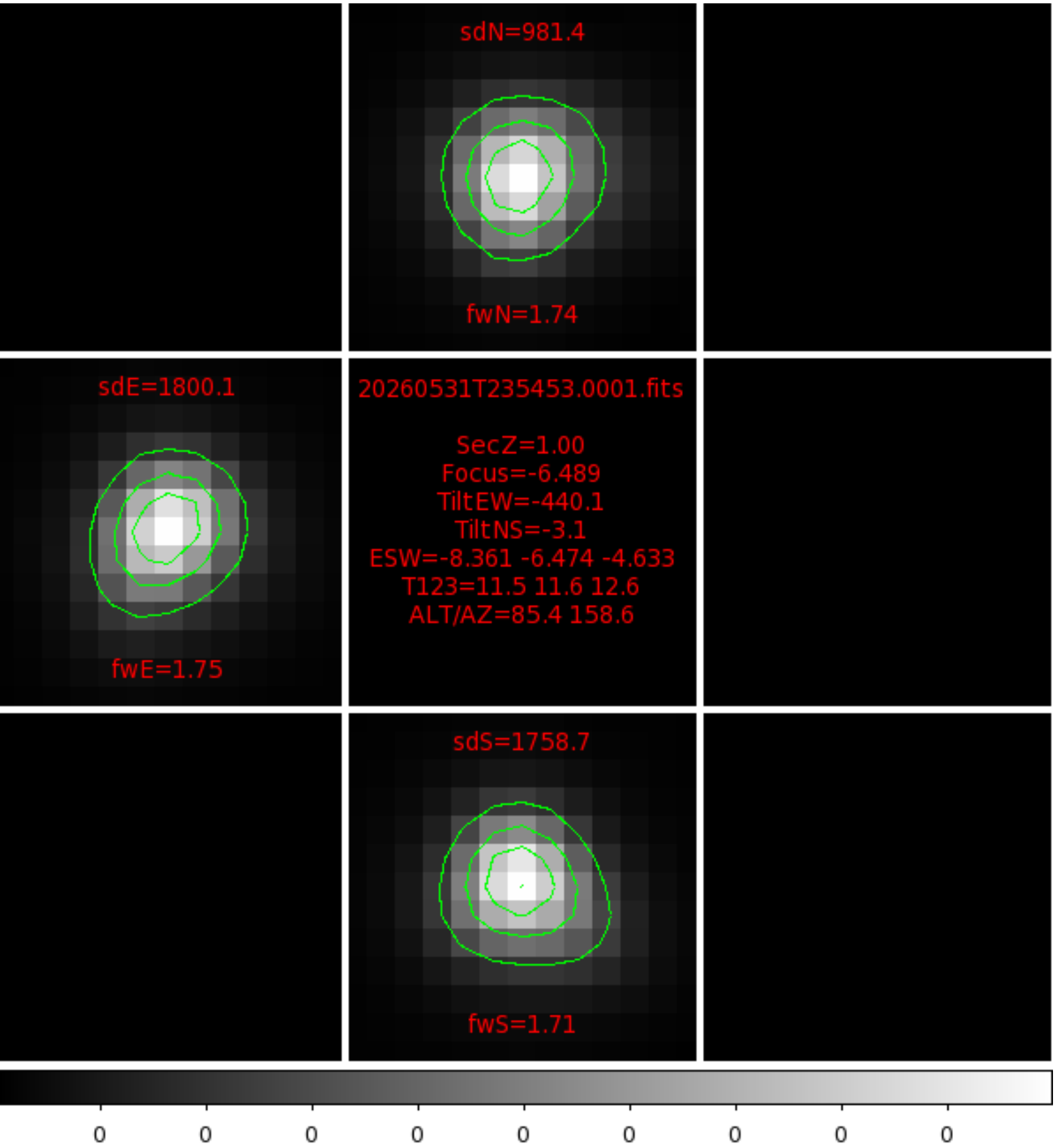
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SecZ=1.00
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TiltNS=-3.1
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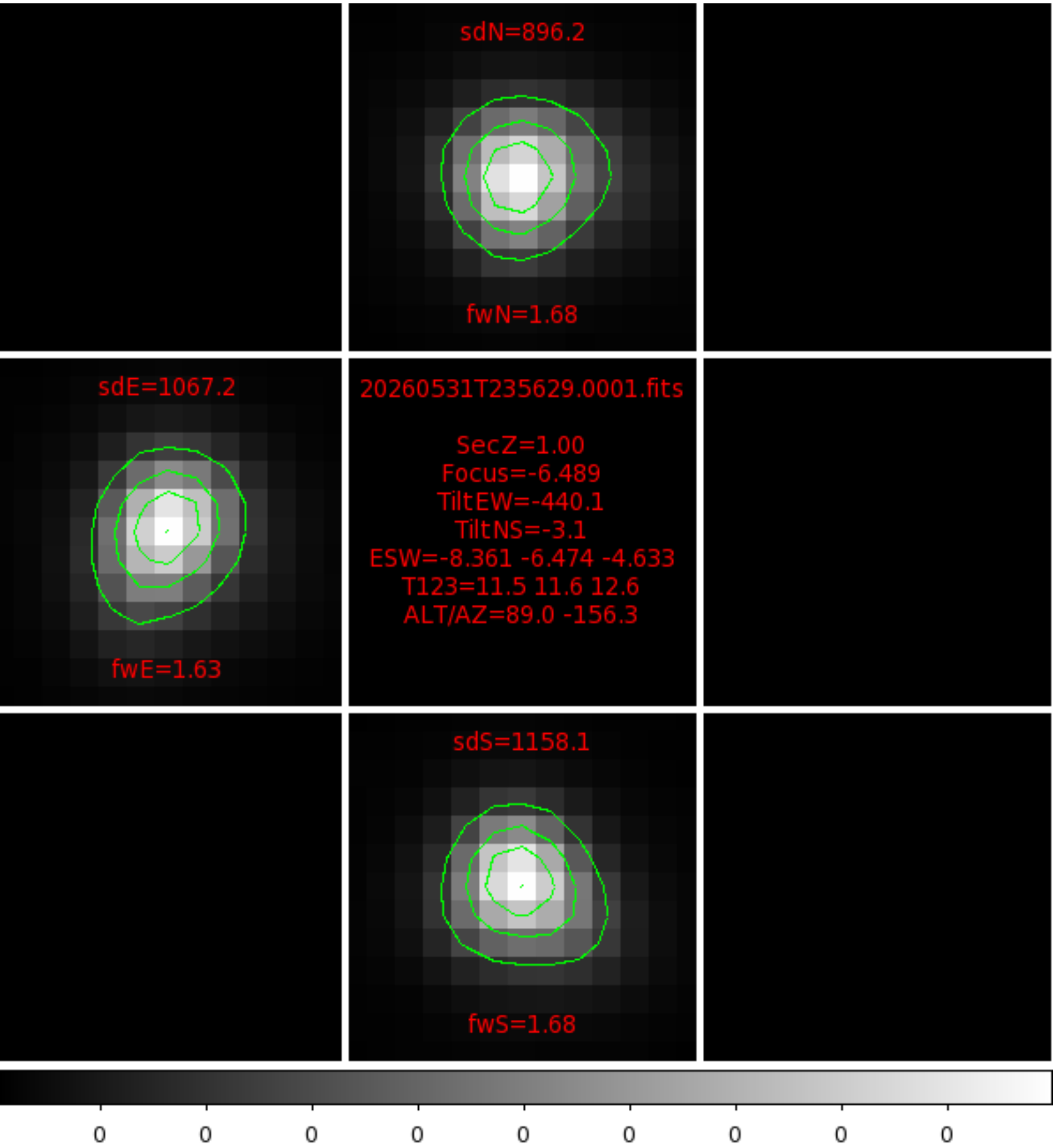
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SecZ=1.00
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.361 -6.474 -4.633
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ALT/AZ=89.0 -156.3
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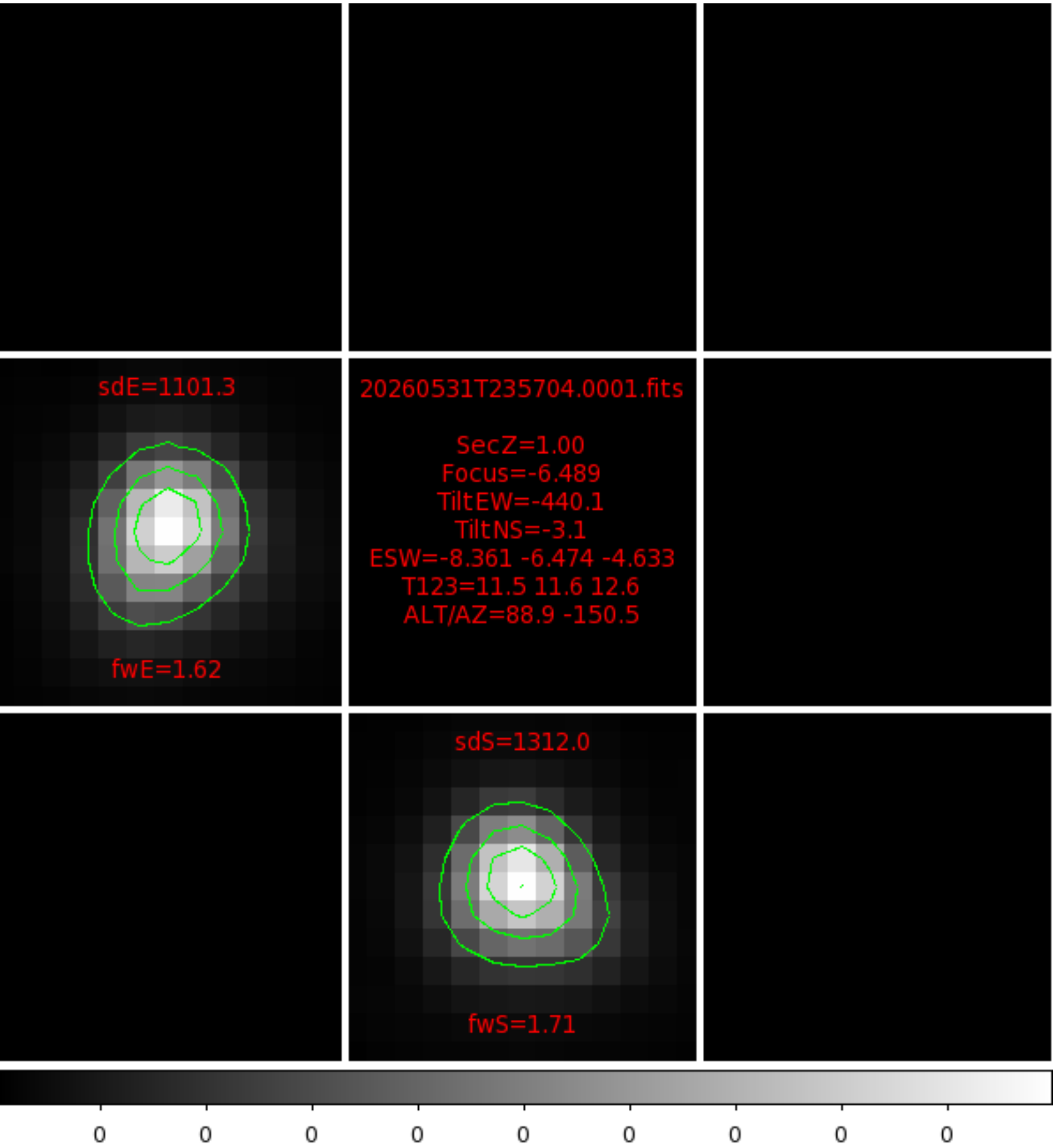
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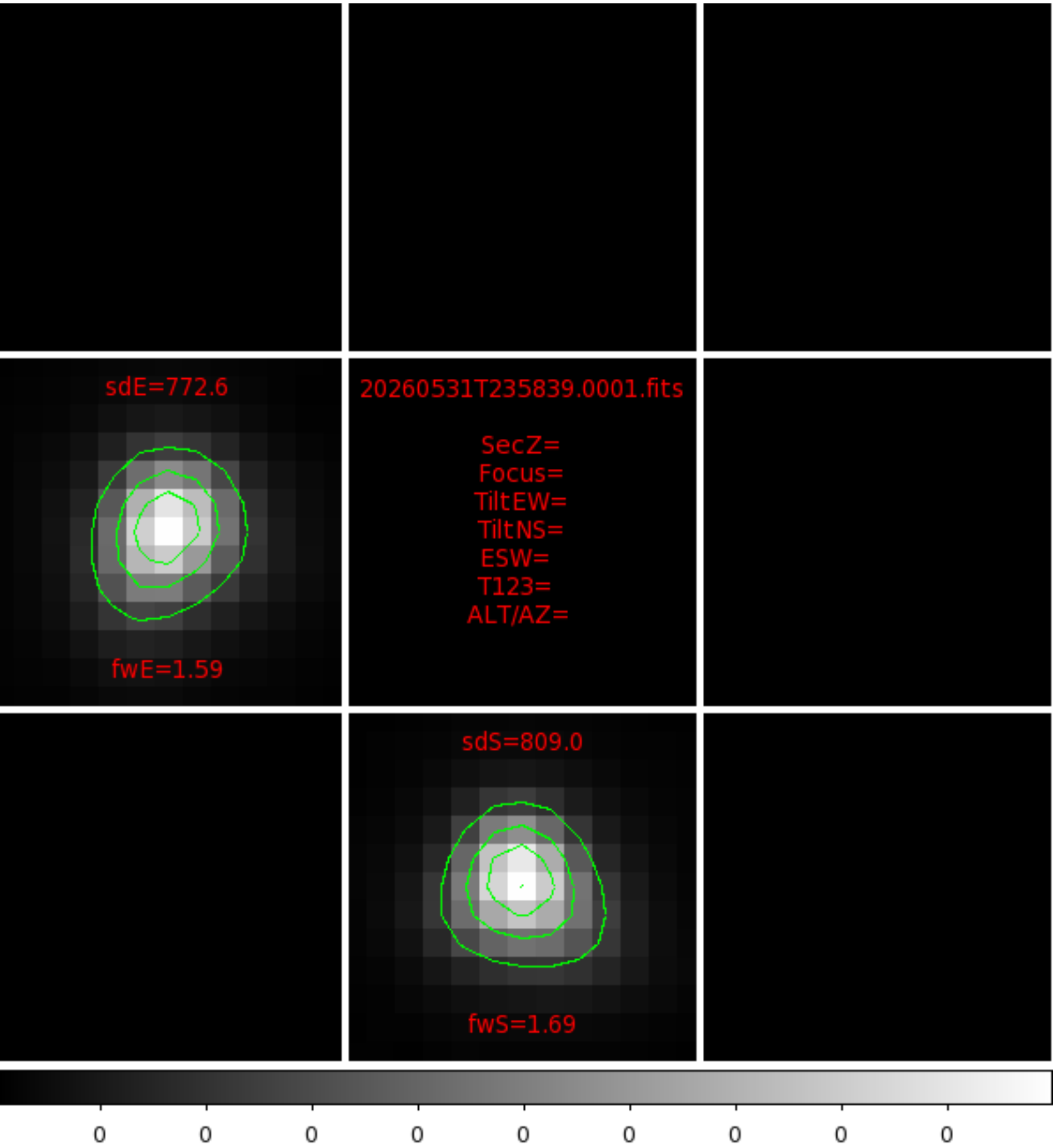
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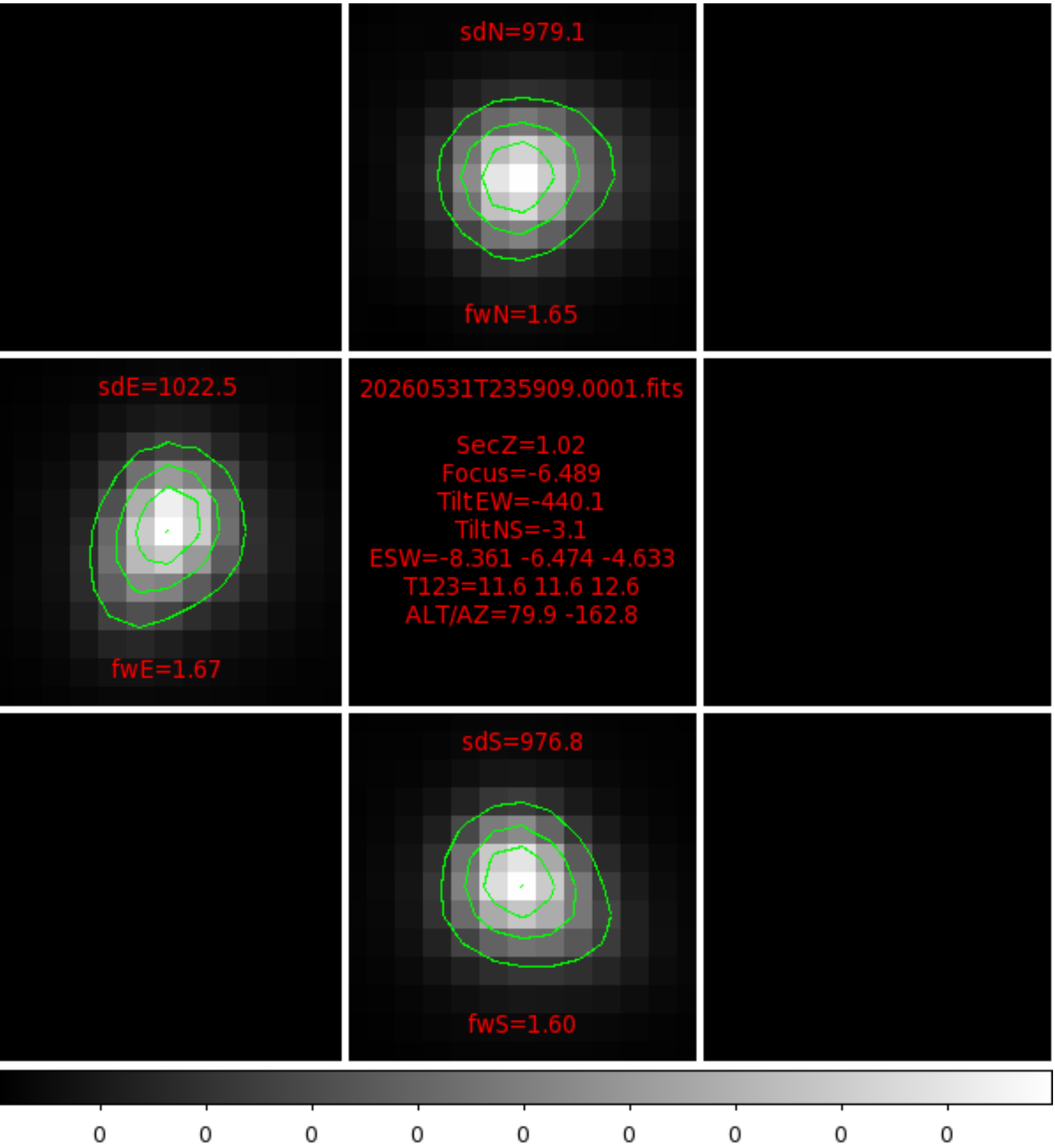
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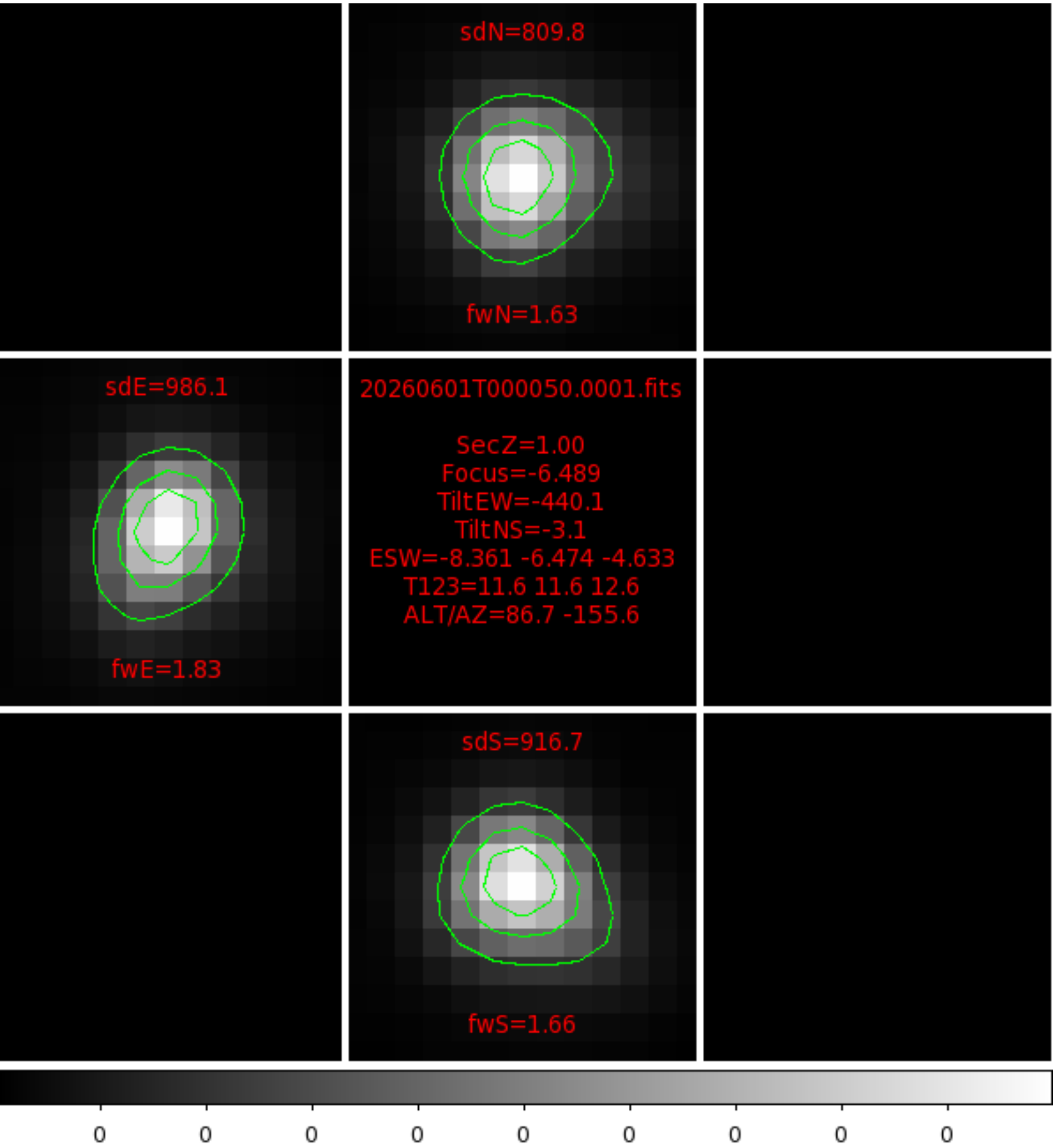
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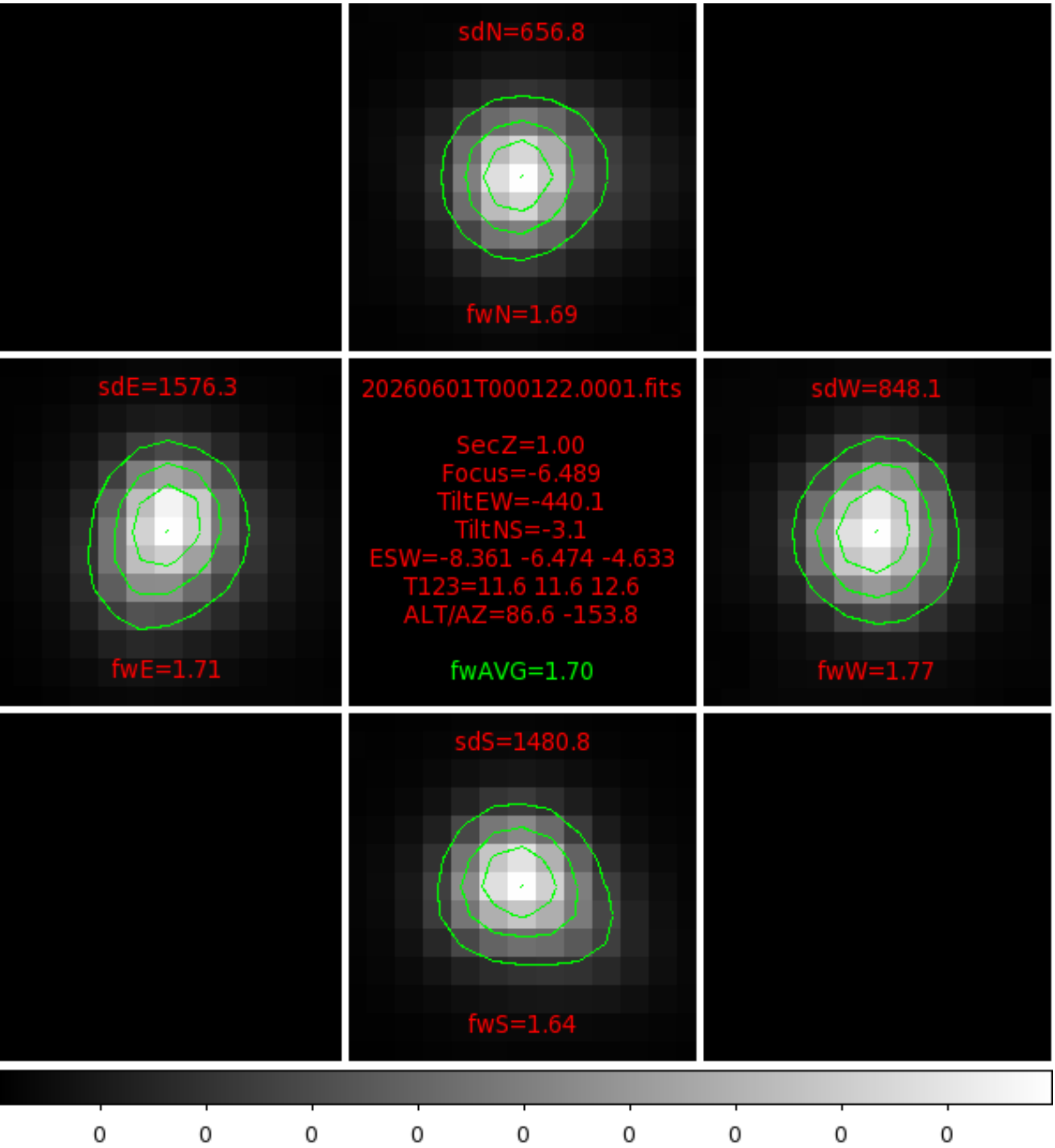
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TiltNS=-3.1
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T123=11.6 11.6 12.6
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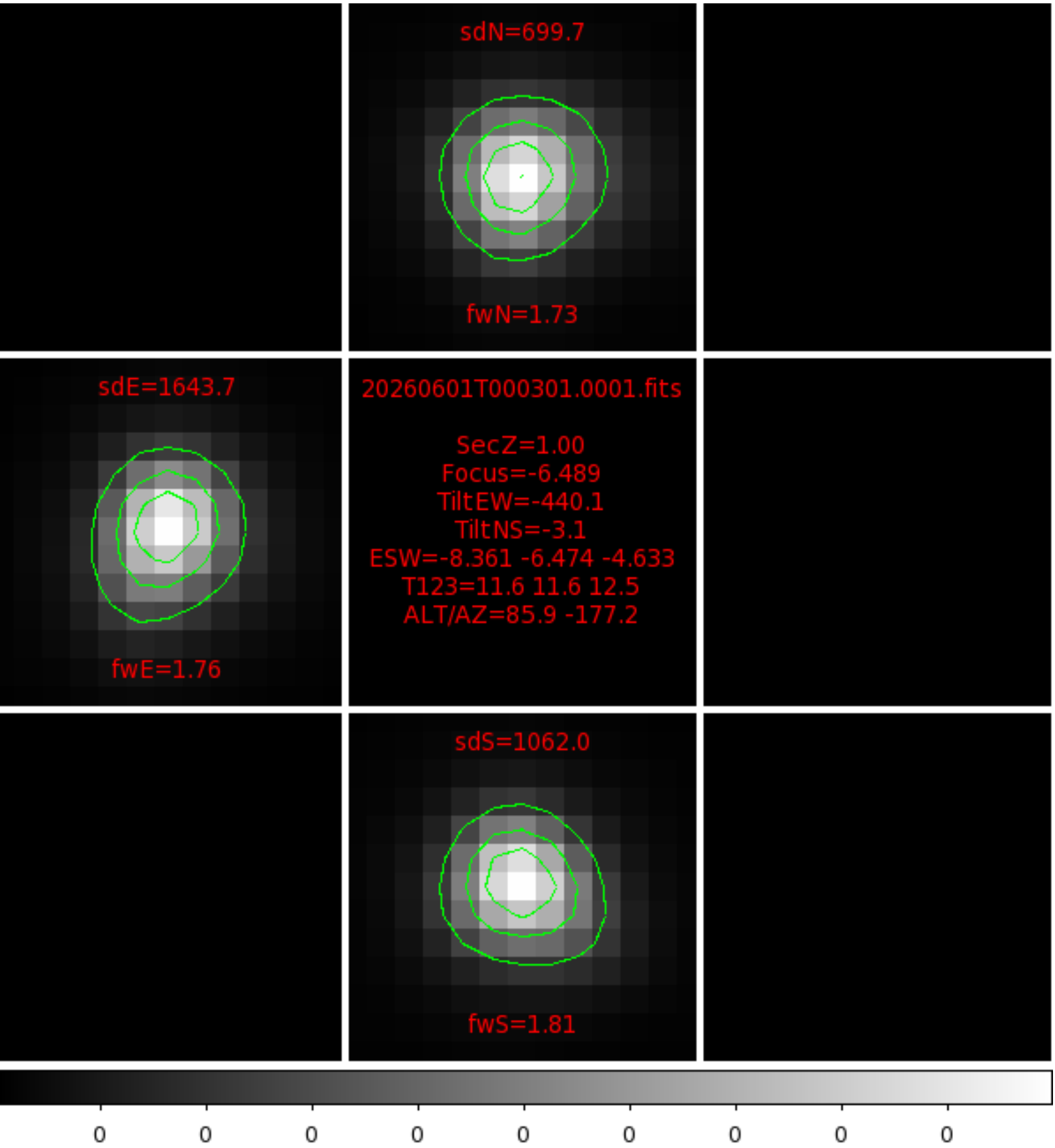
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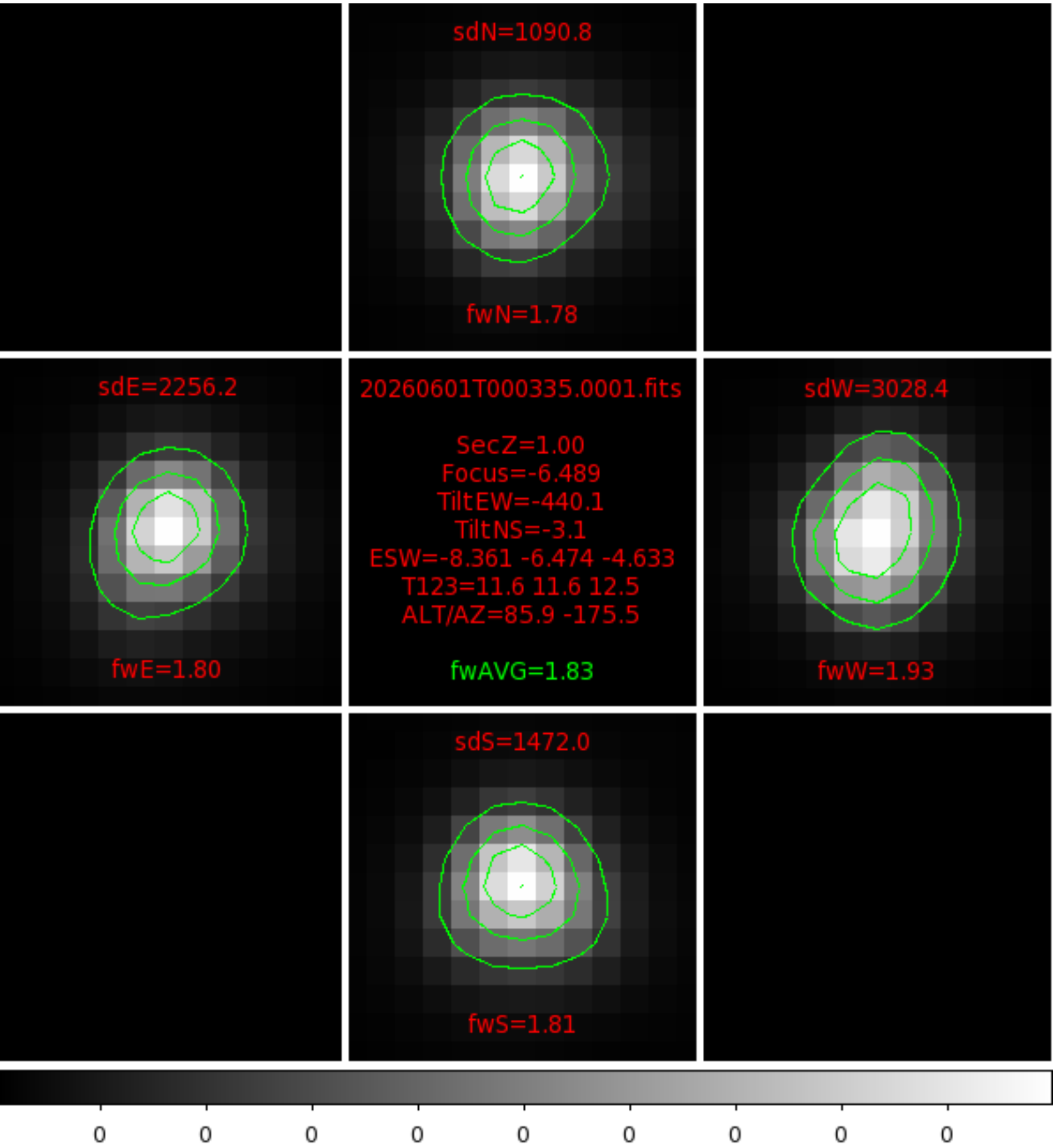
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T123=11.6 11.6 12.5
ALT/AZ=85.9 -175.5
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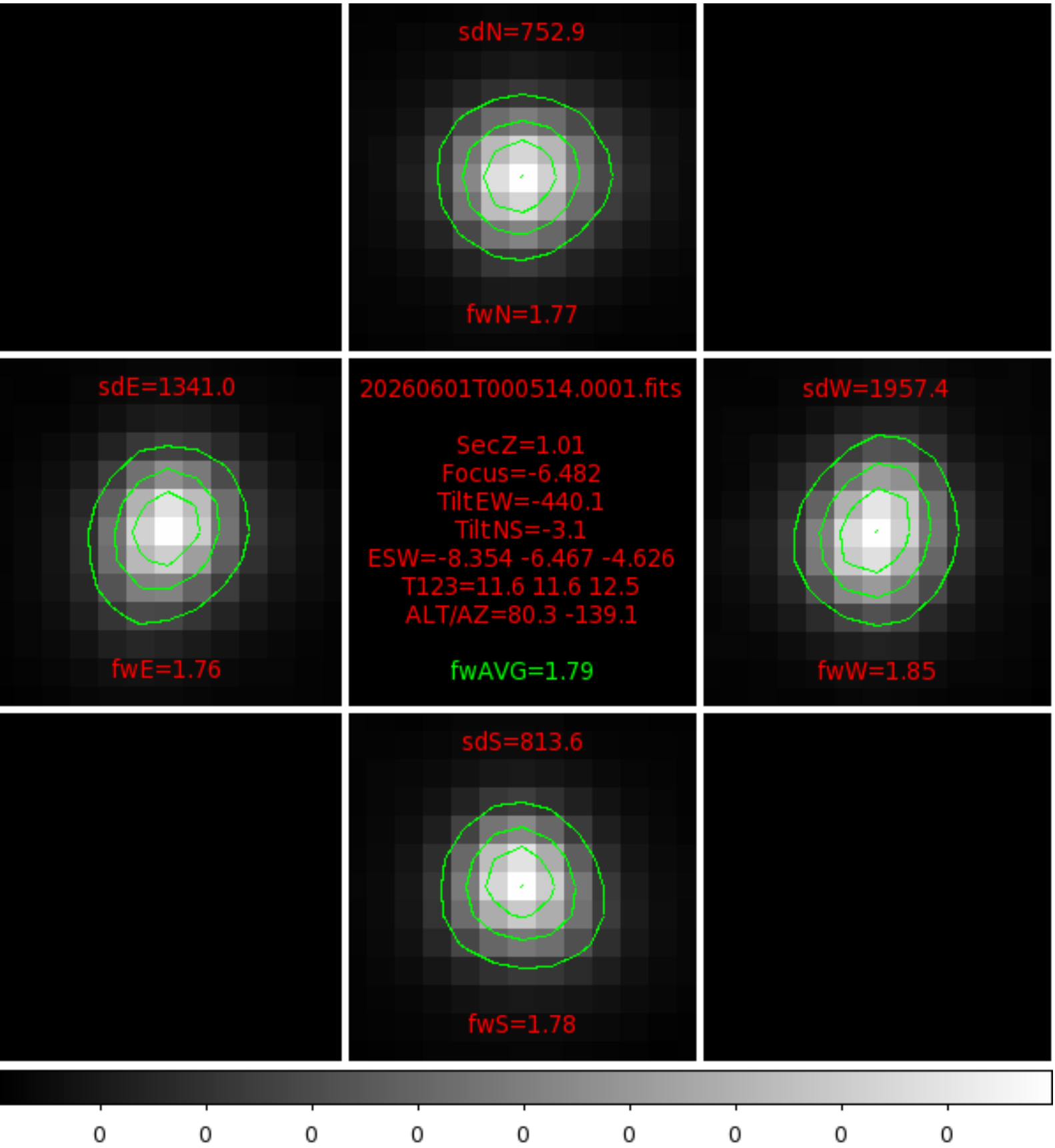
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SecZ=1.01
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TiltNS=-3.1
ESW=-8.354 -6.467 -4.626
T123=11.6 11.6 12.5
ALT/AZ=80.3 -139.1
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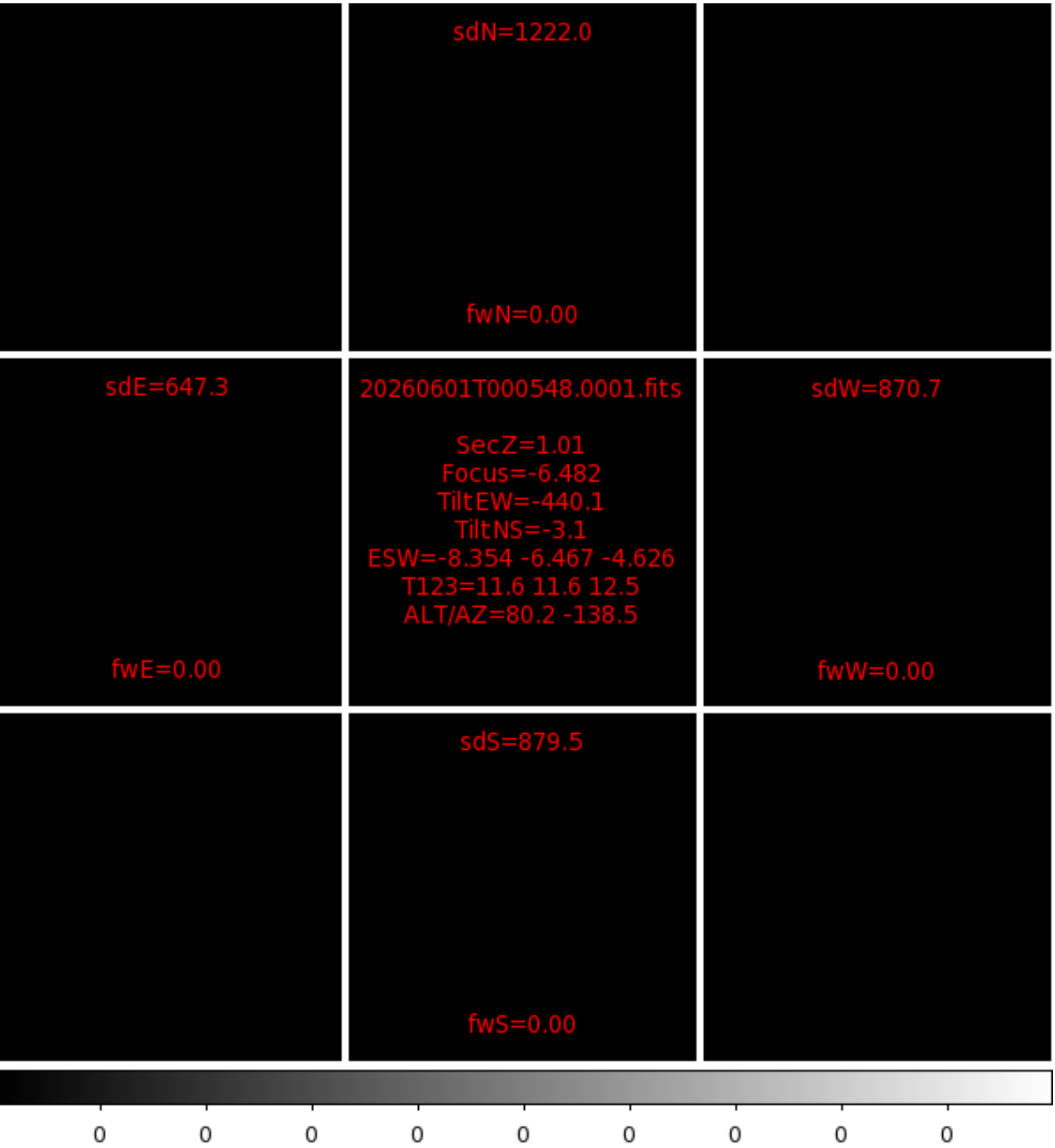
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ESW=-8.354 -6.467 -4.626
T123=11.6 11.6 12.5
ALT/AZ=80.2 -138.5
sdW=870.7
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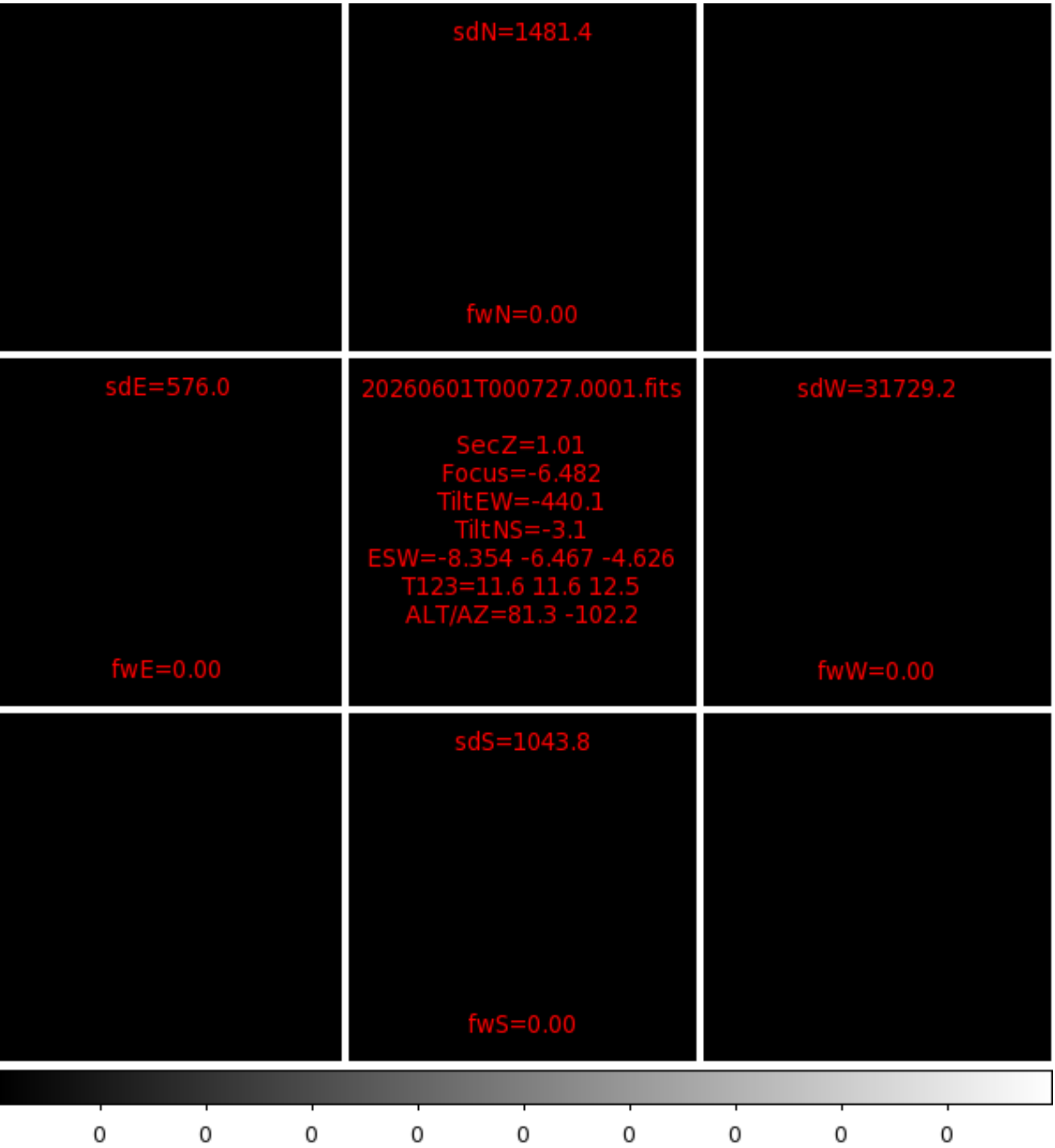
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T123=11.6 11.6 12.5
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sdW=31729.2
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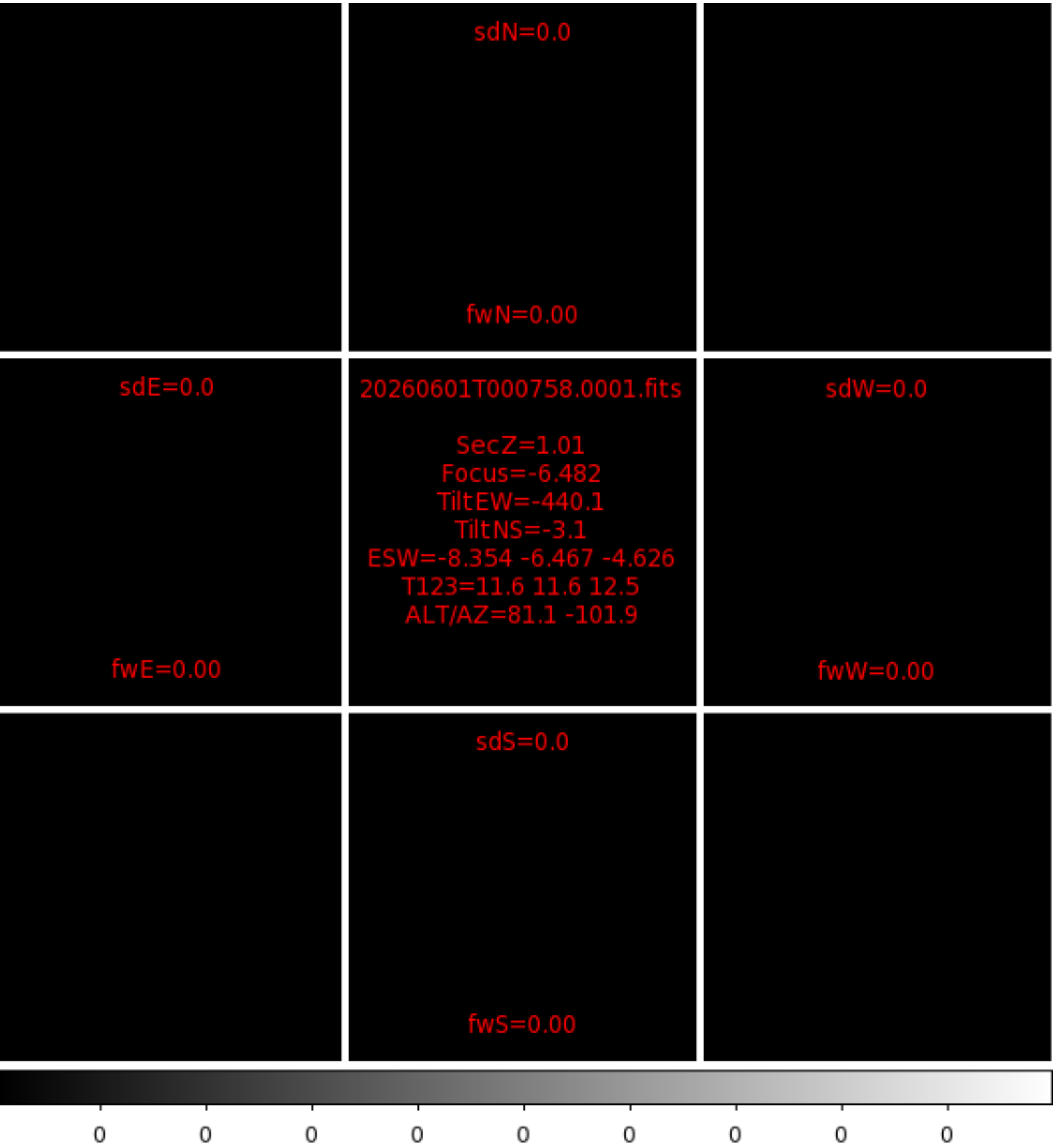
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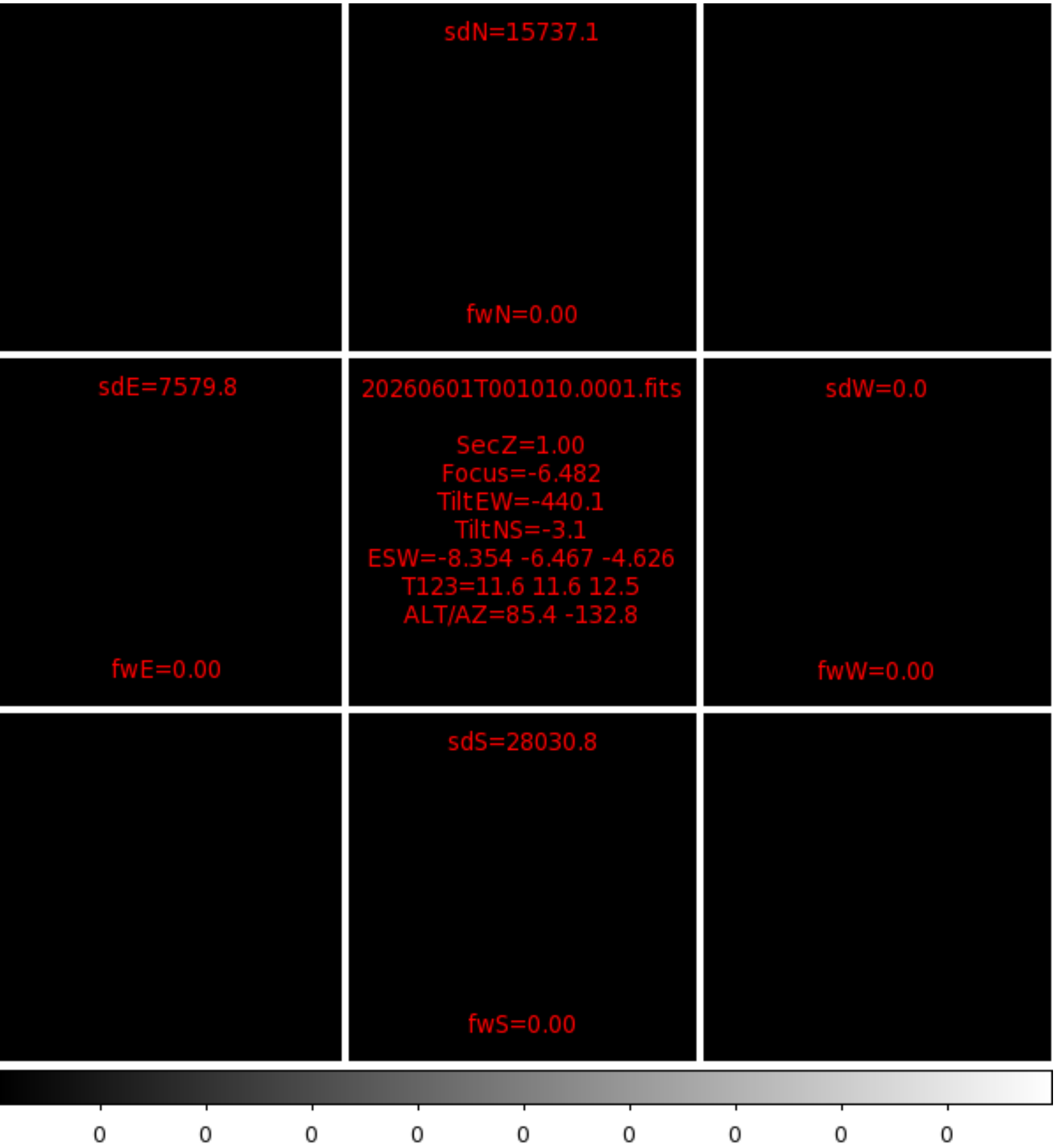
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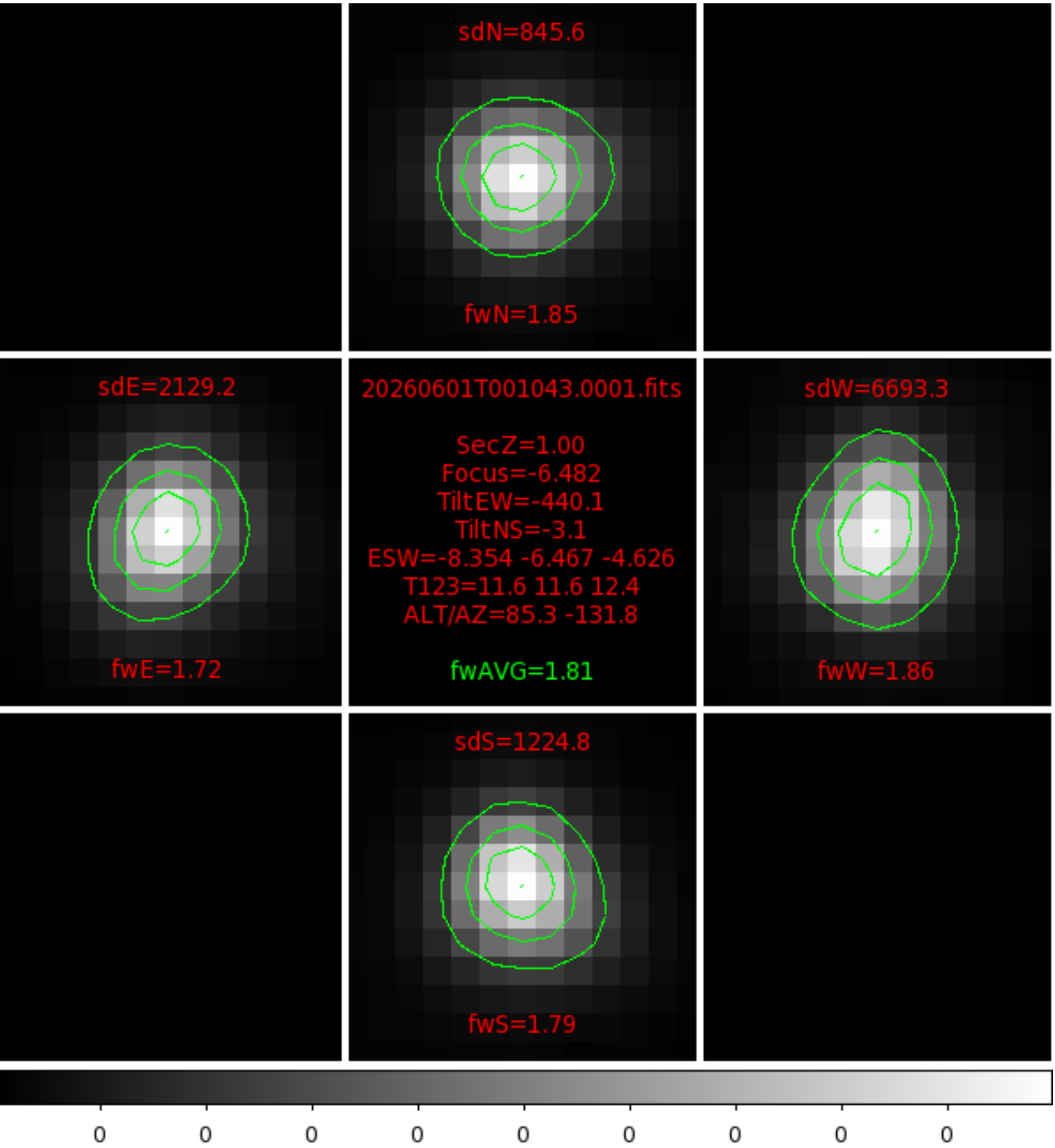
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T123=11.6 11.6 12.4
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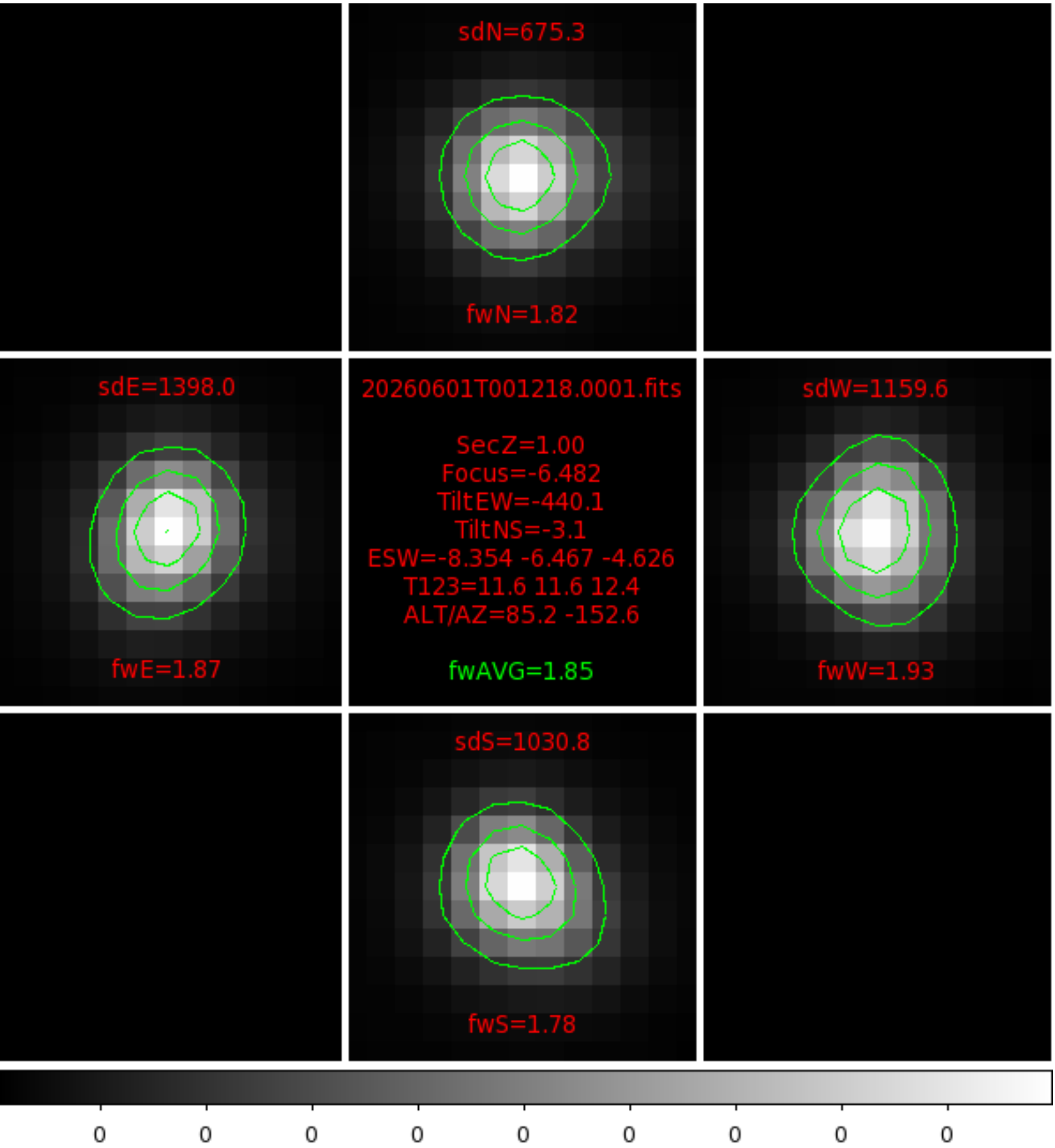
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ESW=-8.354 -6.467 -4.626
T123=11.6 11.6 12.4
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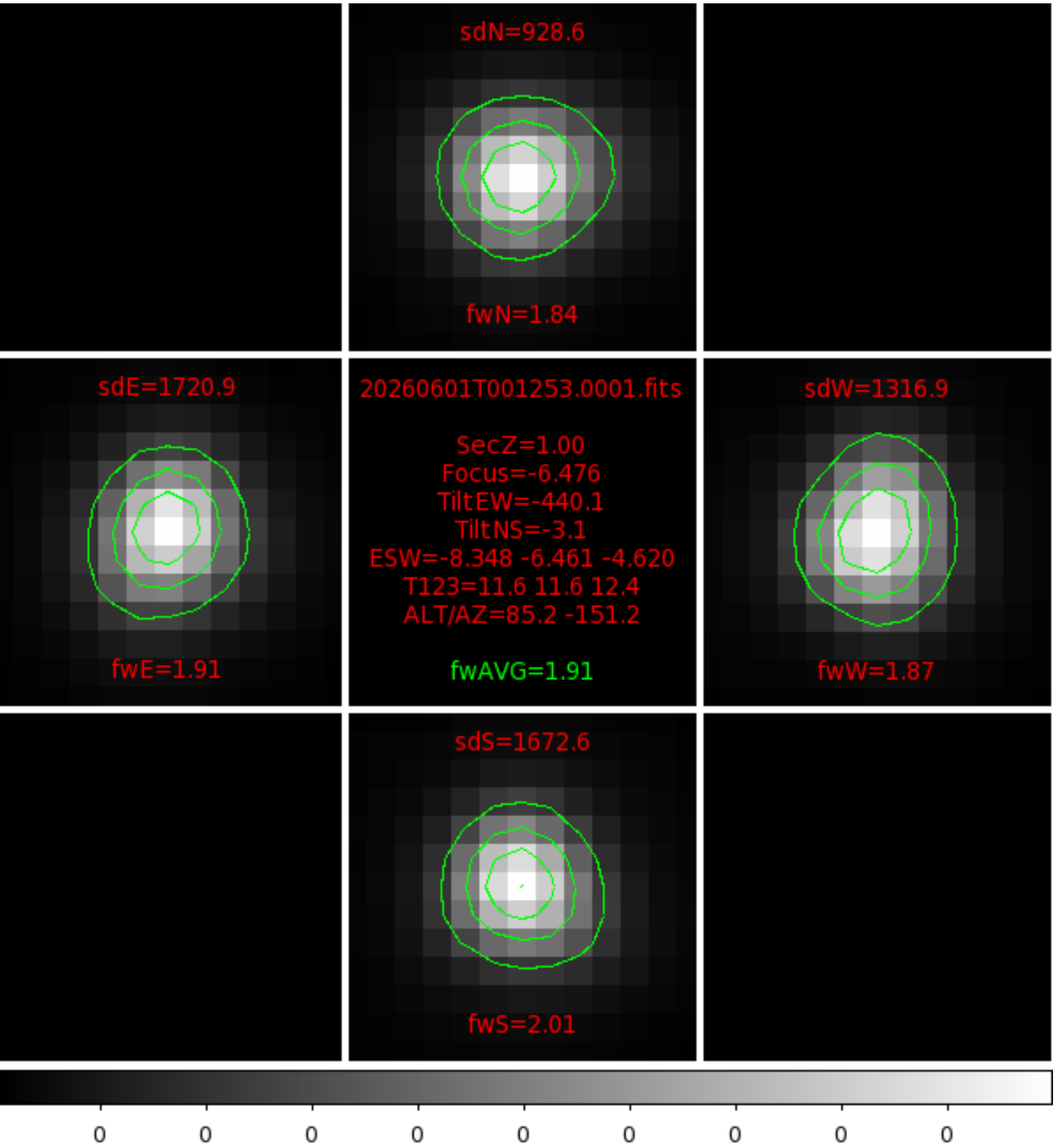
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Focus=-6.476
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TiltNS=-3.1
ESW=-8.348 -6.461 -4.620
T123=11.6 11.6 12.4
ALT/AZ=85.2 -151.2
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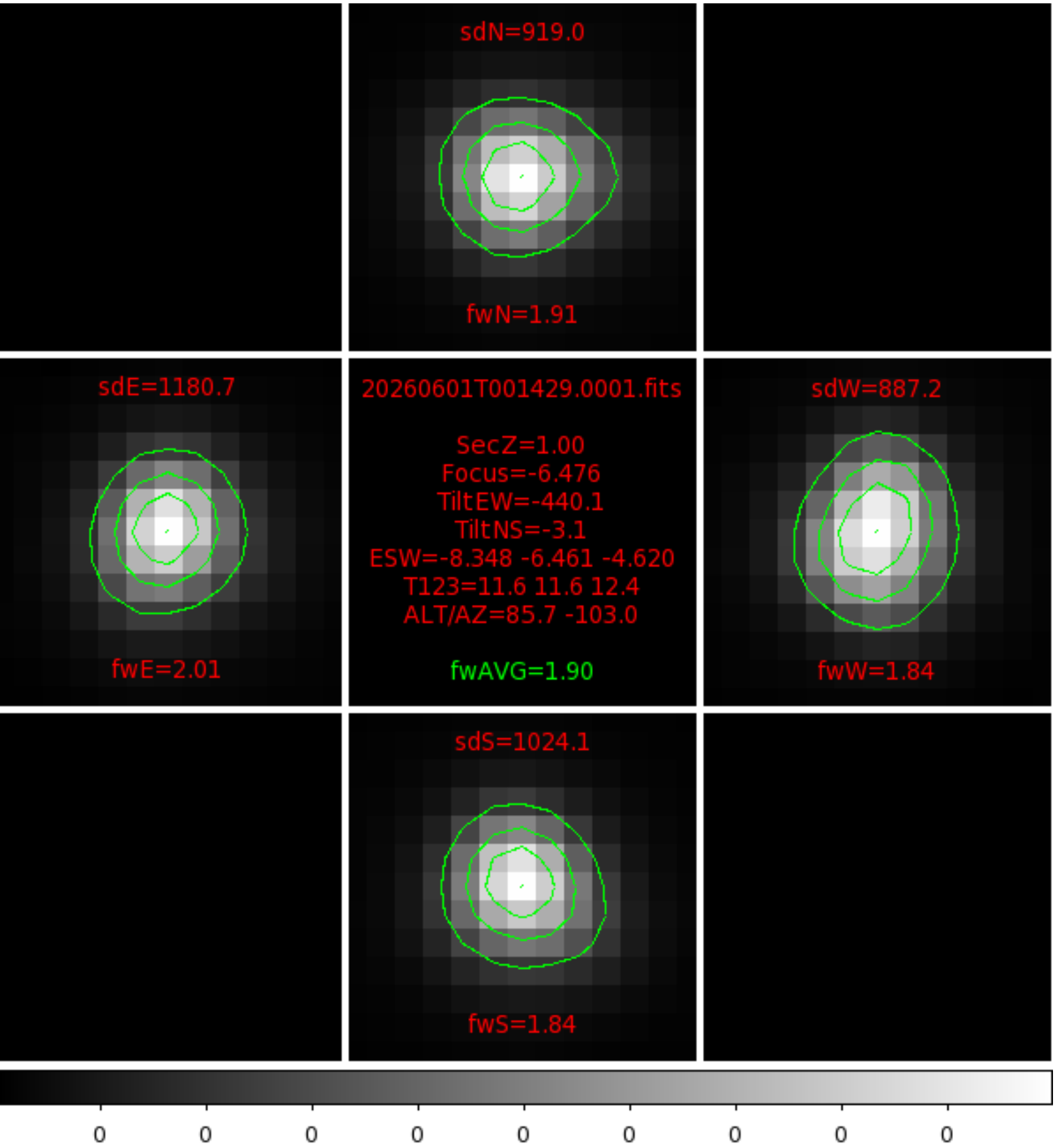
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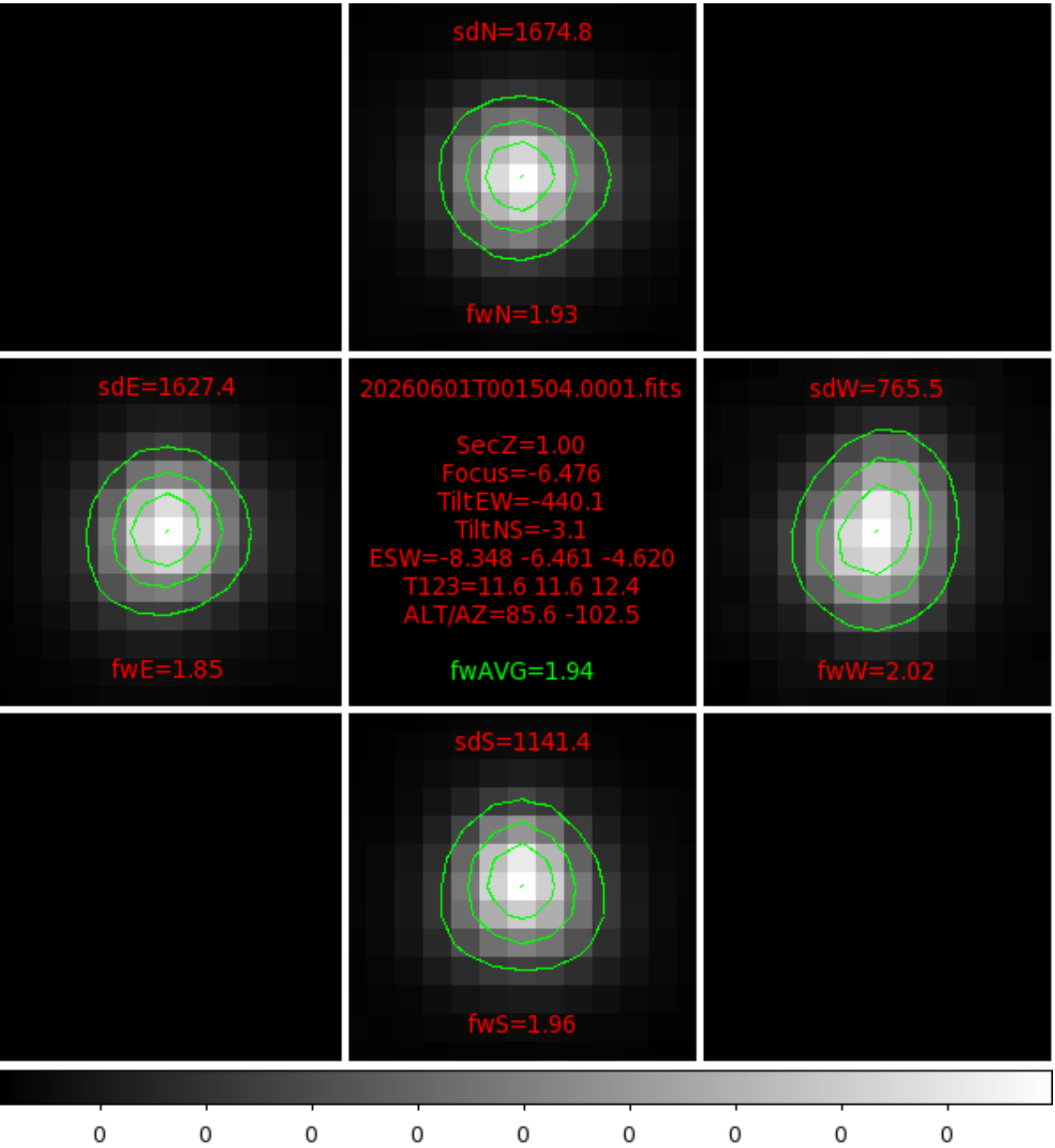
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T123=11.6 11.6 12.4
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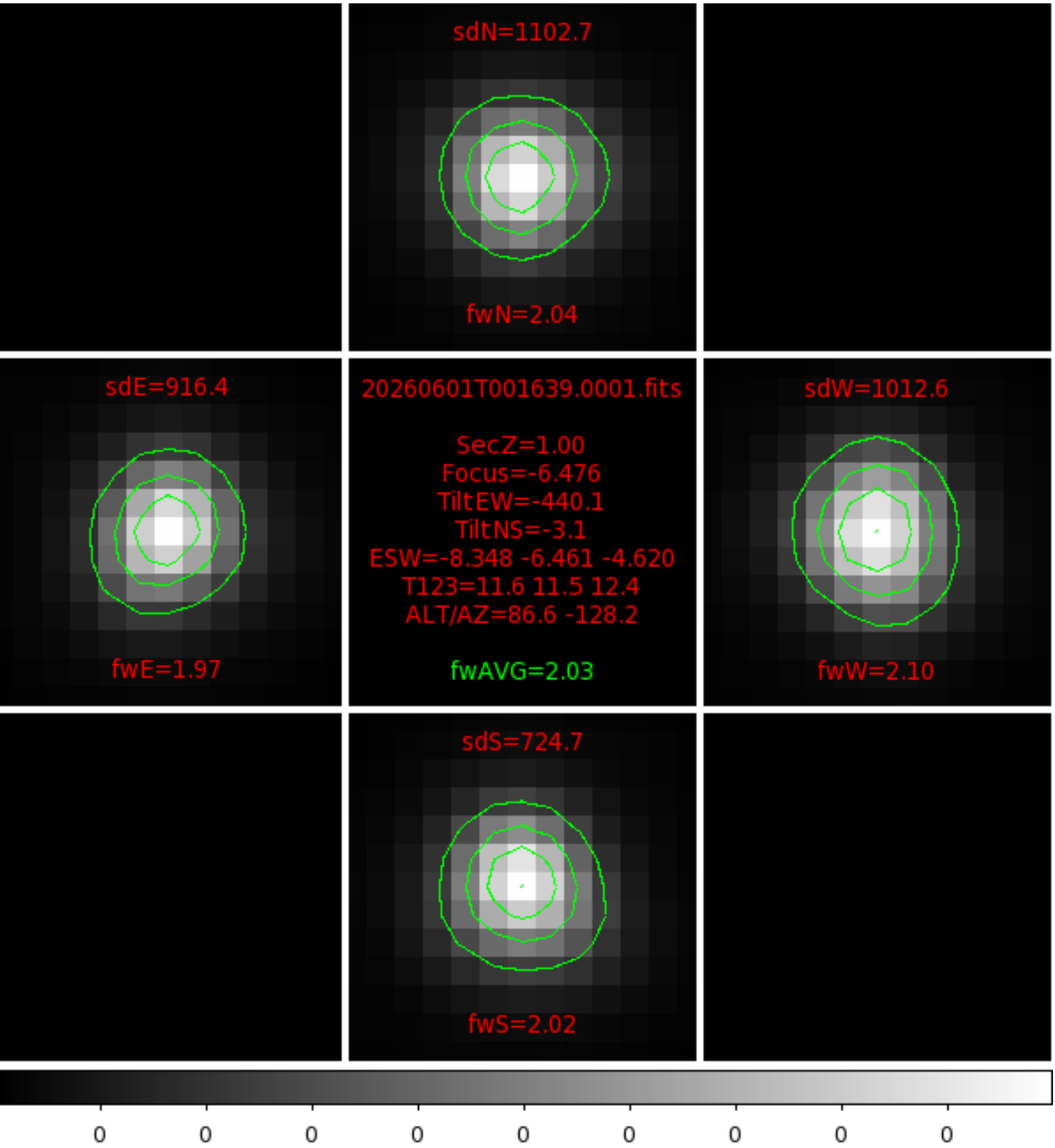
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T123=11.6 11.5 12.4
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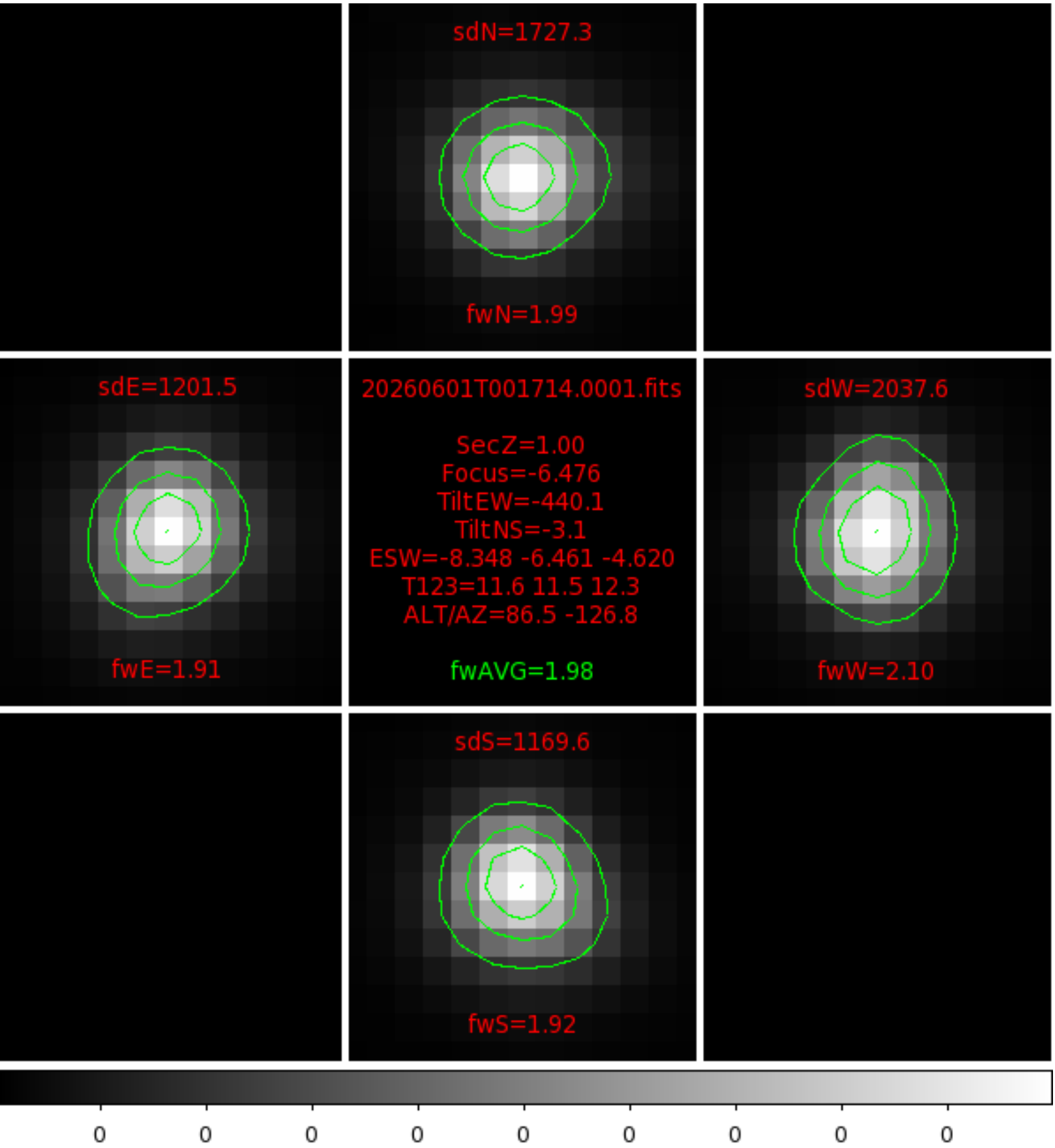
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ESW=-8.348 -6.461 -4.620
T123=11.6 11.5 12.3
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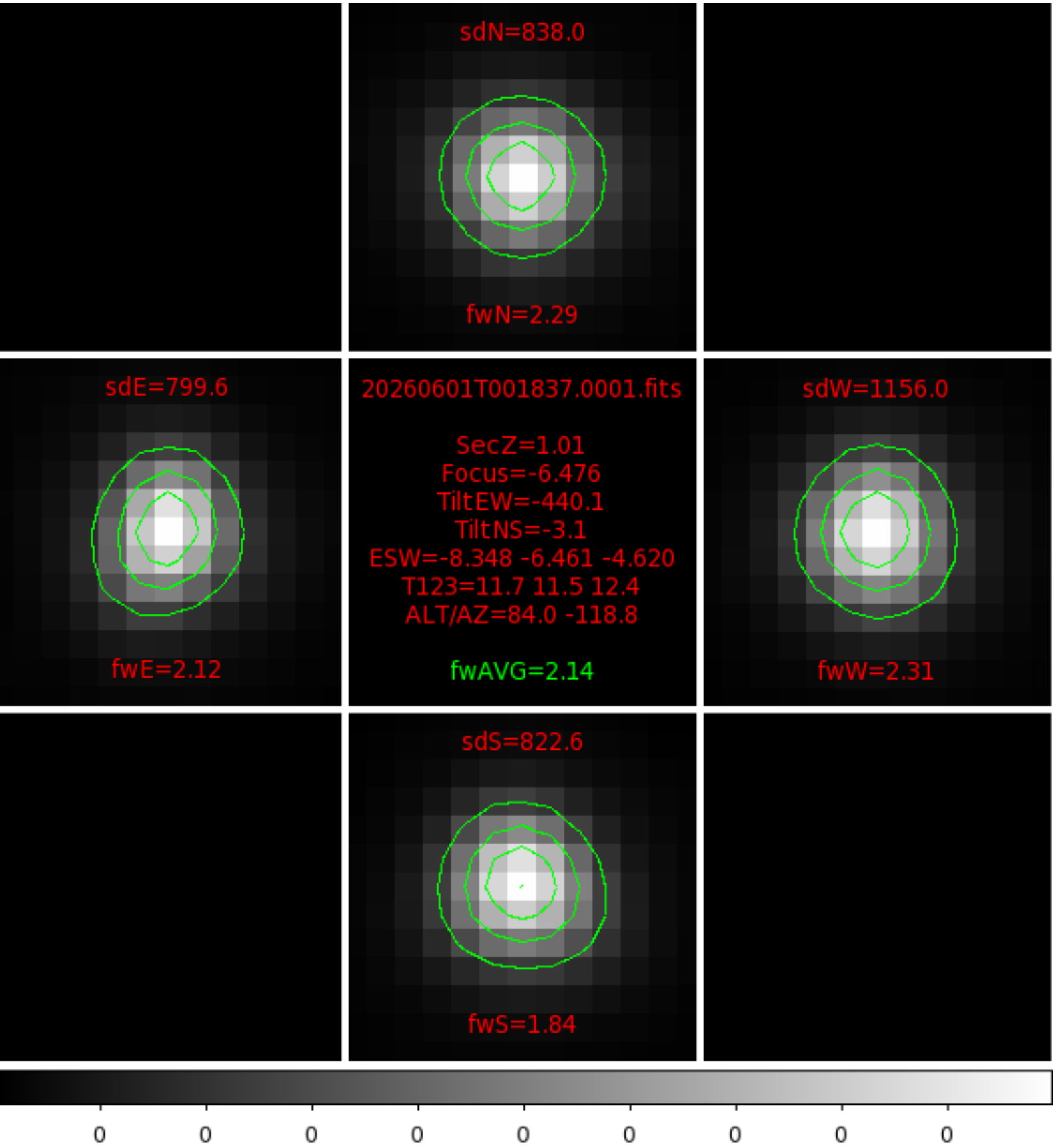
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SecZ=1.01
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TiltNS=-3.1
ESW=-8.348 -6.461 -4.620
T123=11.7 11.5 12.4
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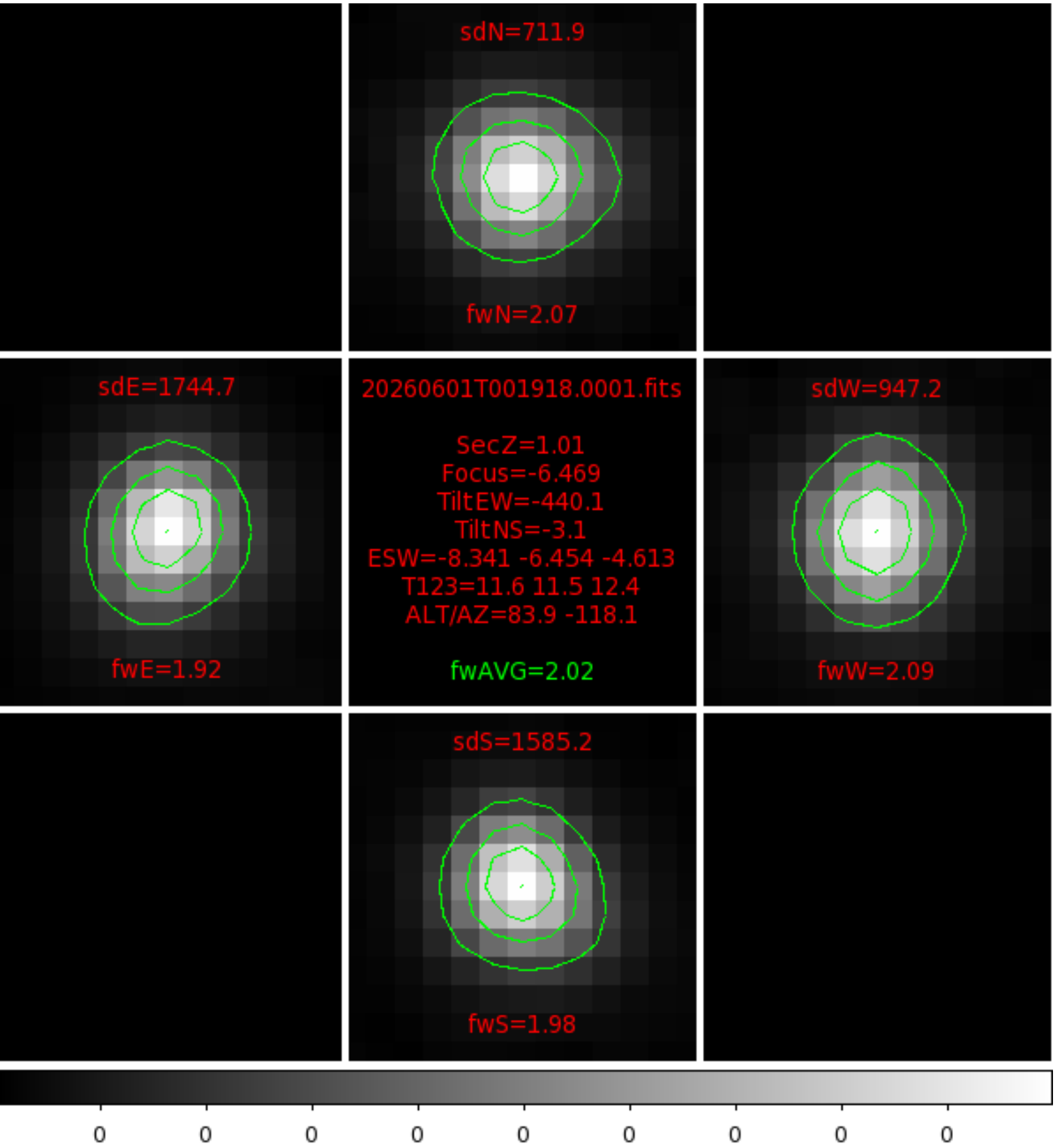
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ESW=-8.341 -6.454 -4.613
T123=11.6 11.5 12.4
ALT/AZ=83.9 -118.1
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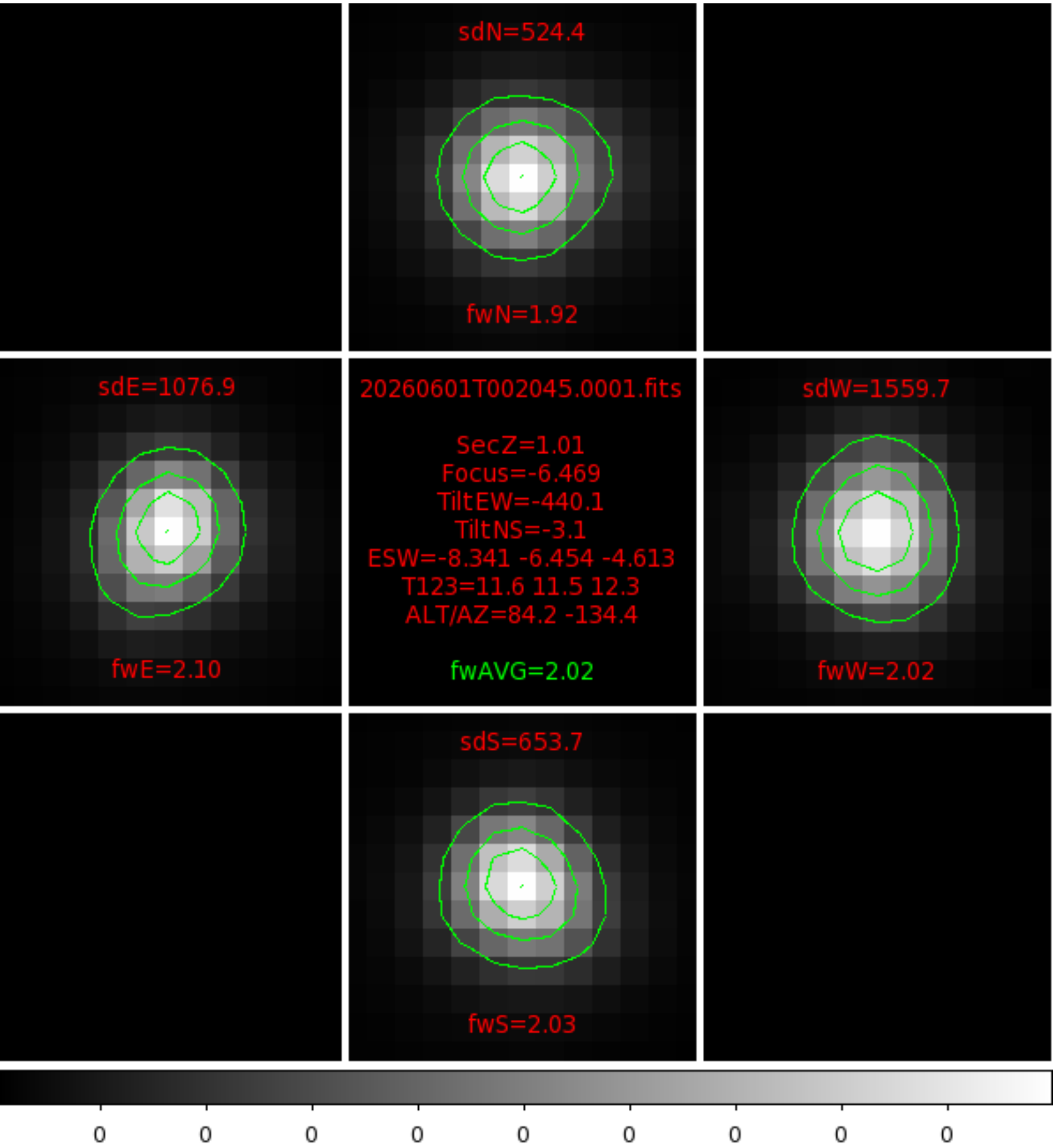
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.5 12.3
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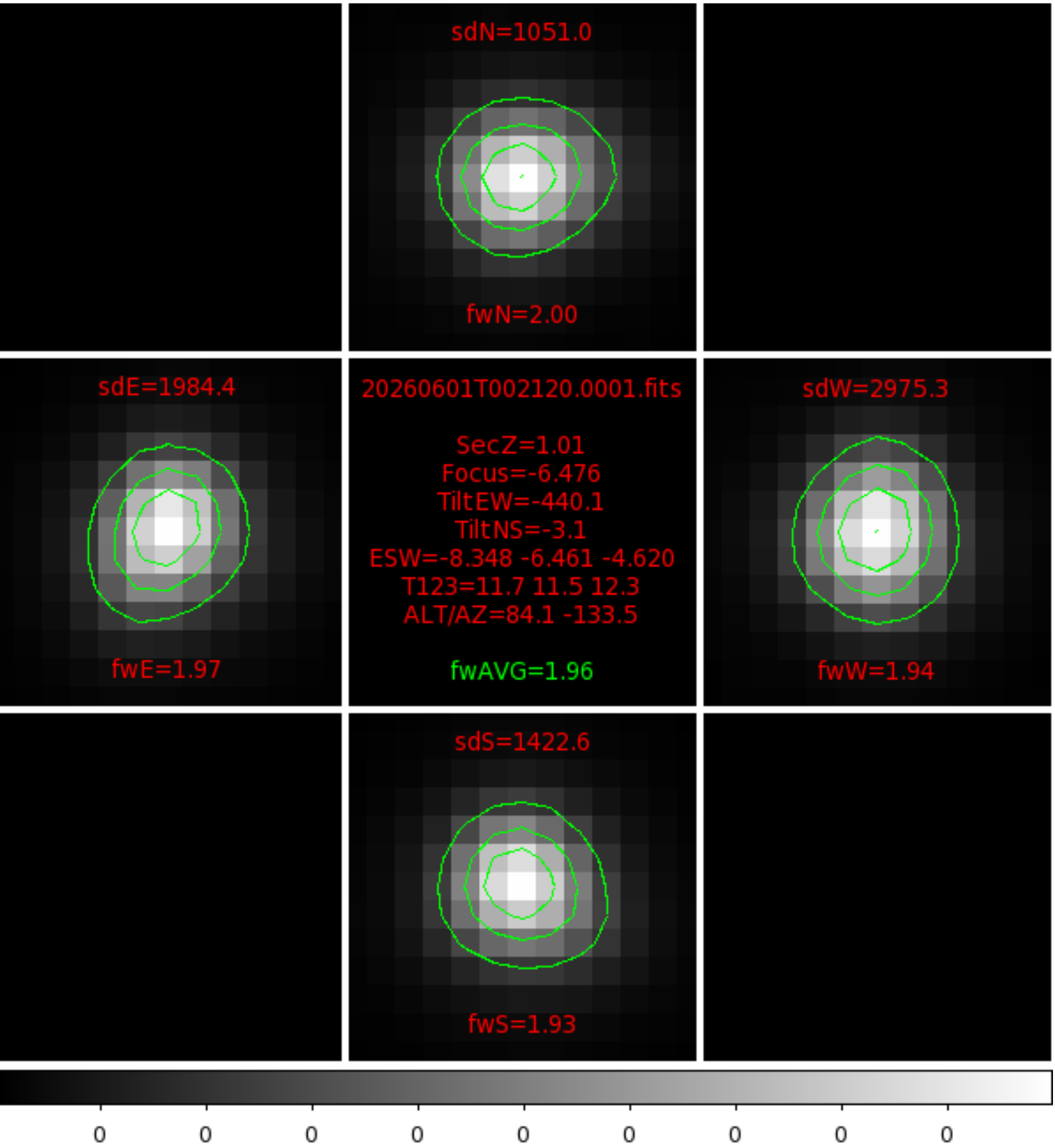
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TiltNS=-3.1
ESW=-8.348 -6.461 -4.620
T123=11.7 11.5 12.3
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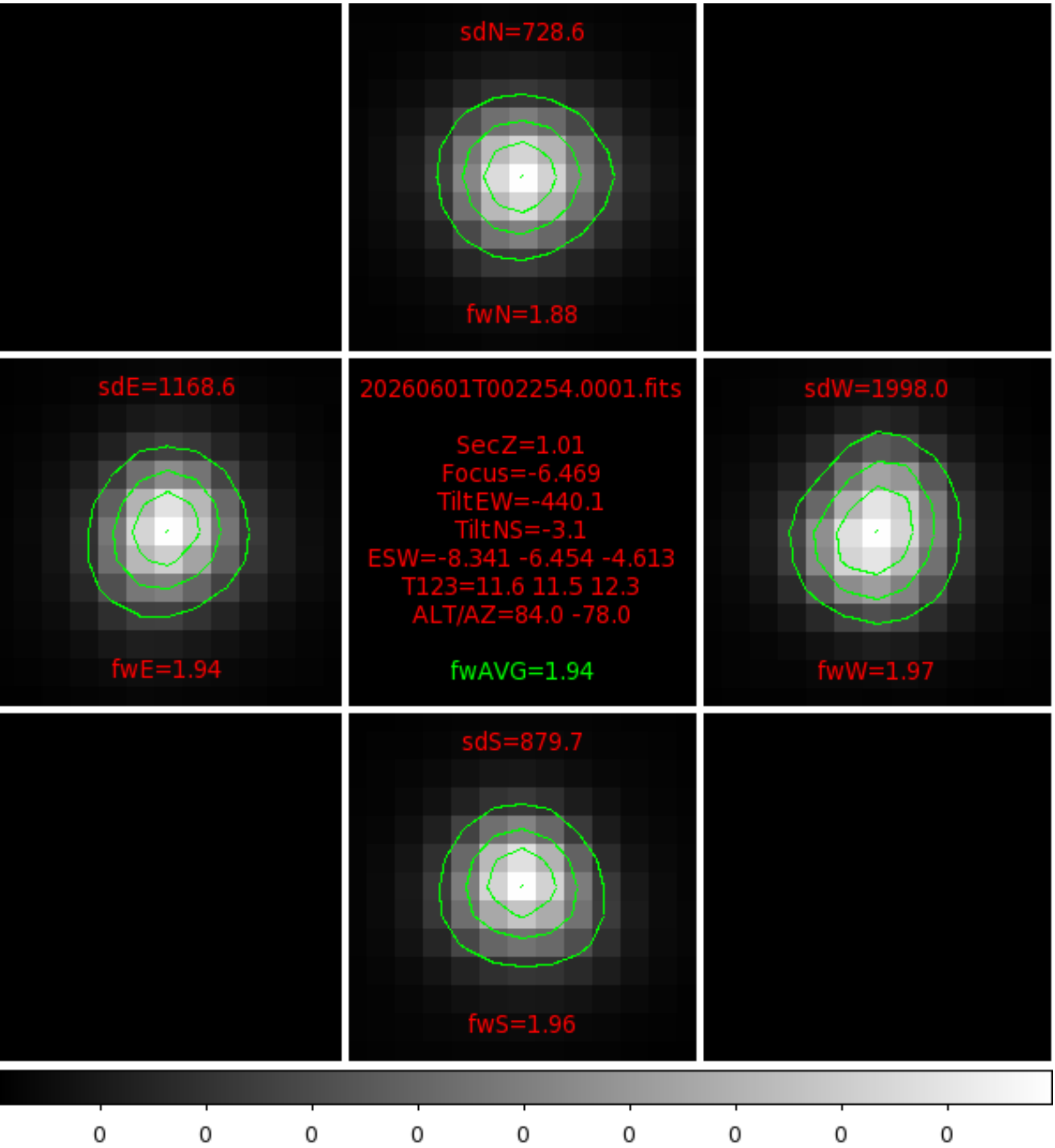
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SecZ=1.01
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.5 12.3
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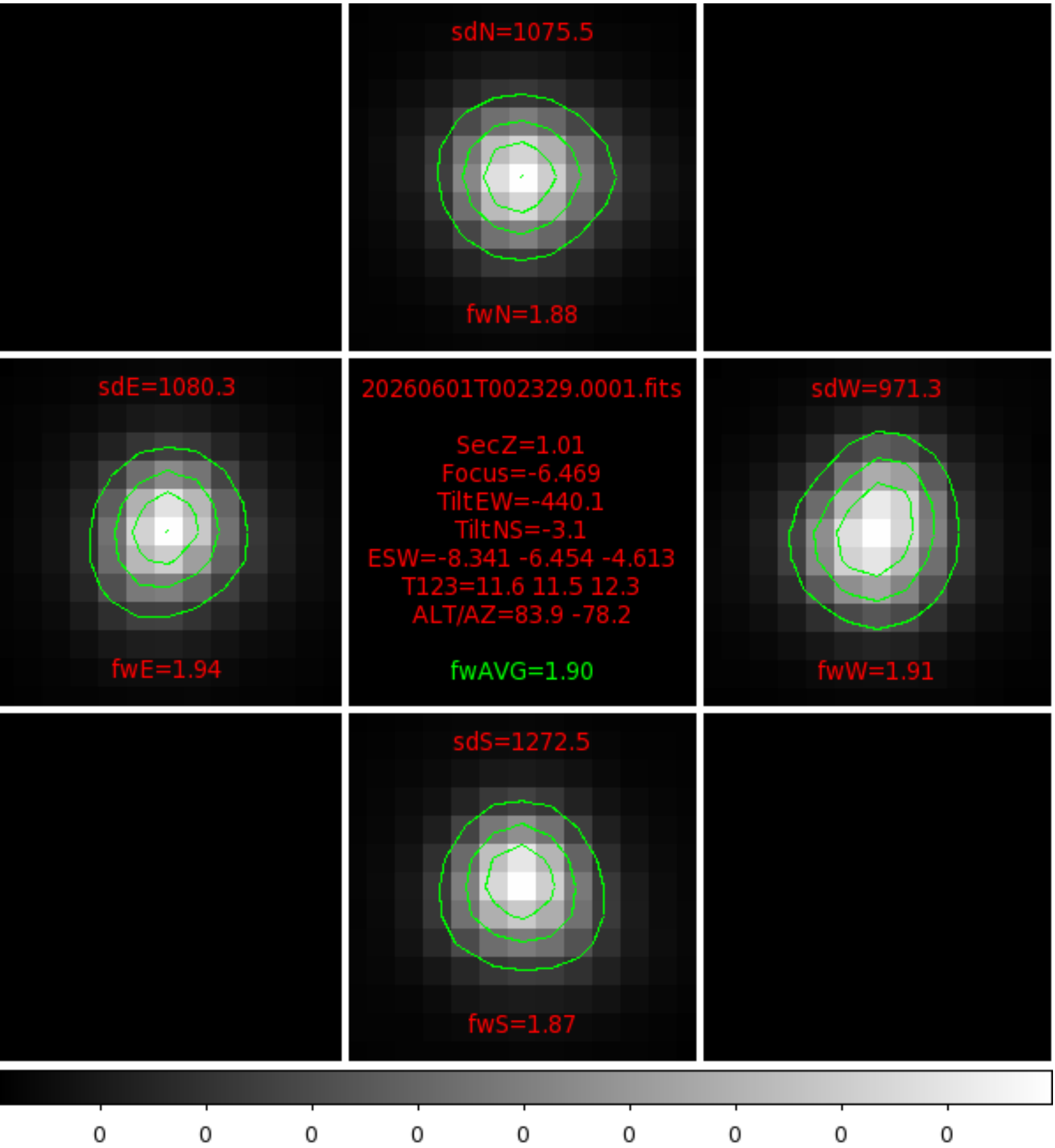
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sdE=1080.3
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SecZ=1.01
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.5 12.3
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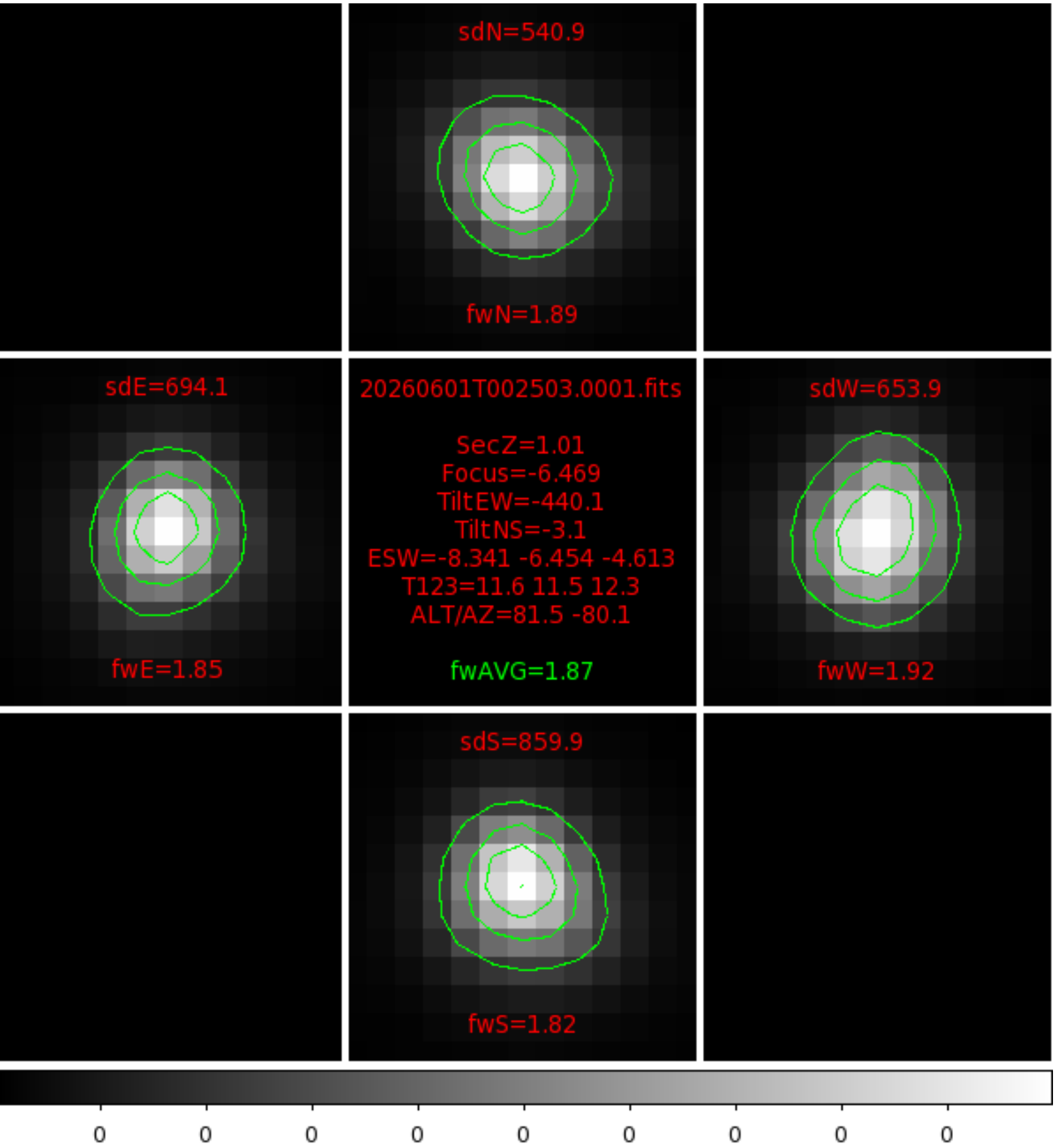
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SecZ=1.01
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.5 12.3
ALT/AZ=81.5 -80.1
fwAVG=1.87
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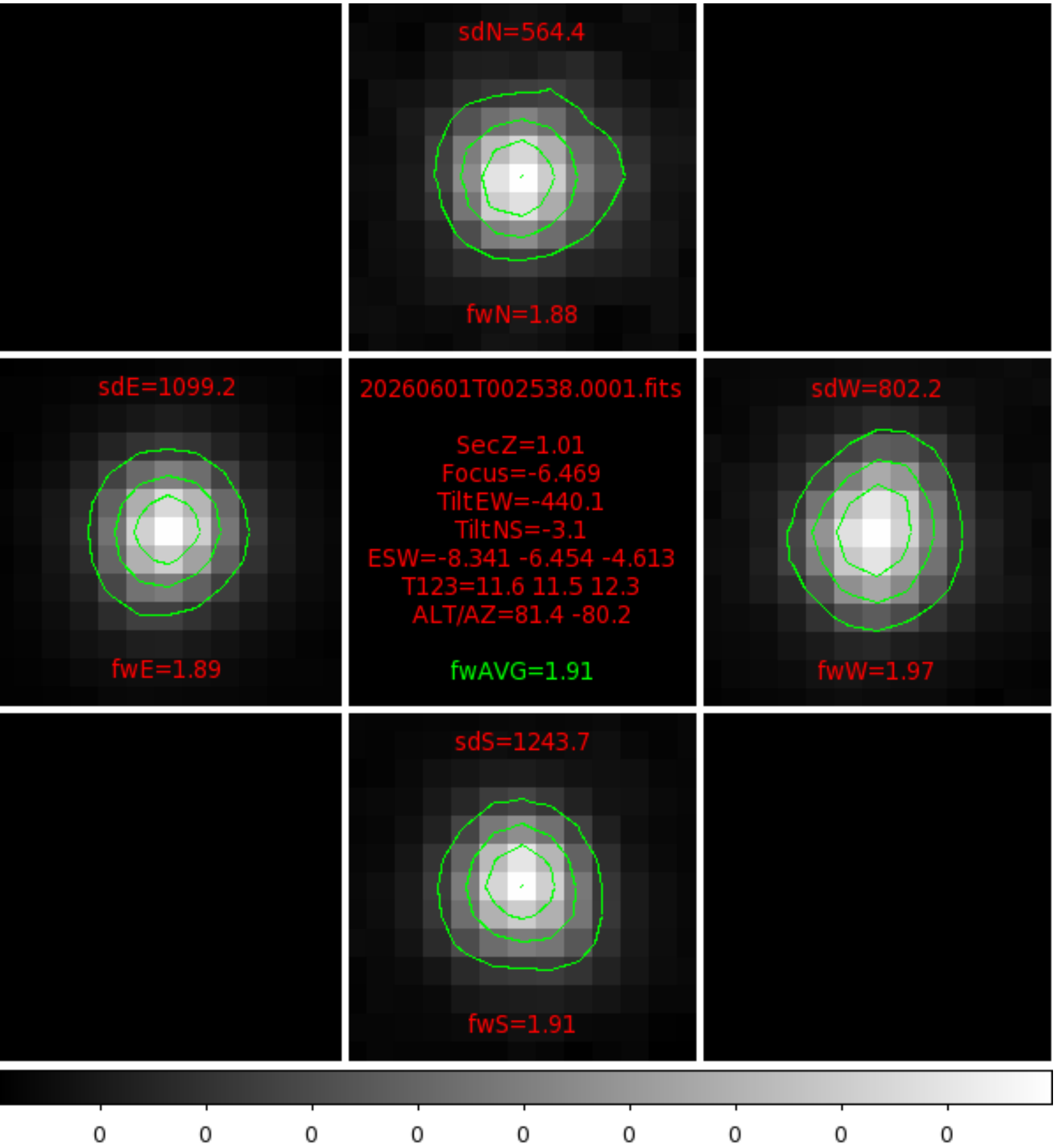
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ALT/AZ=81.4 -80.2
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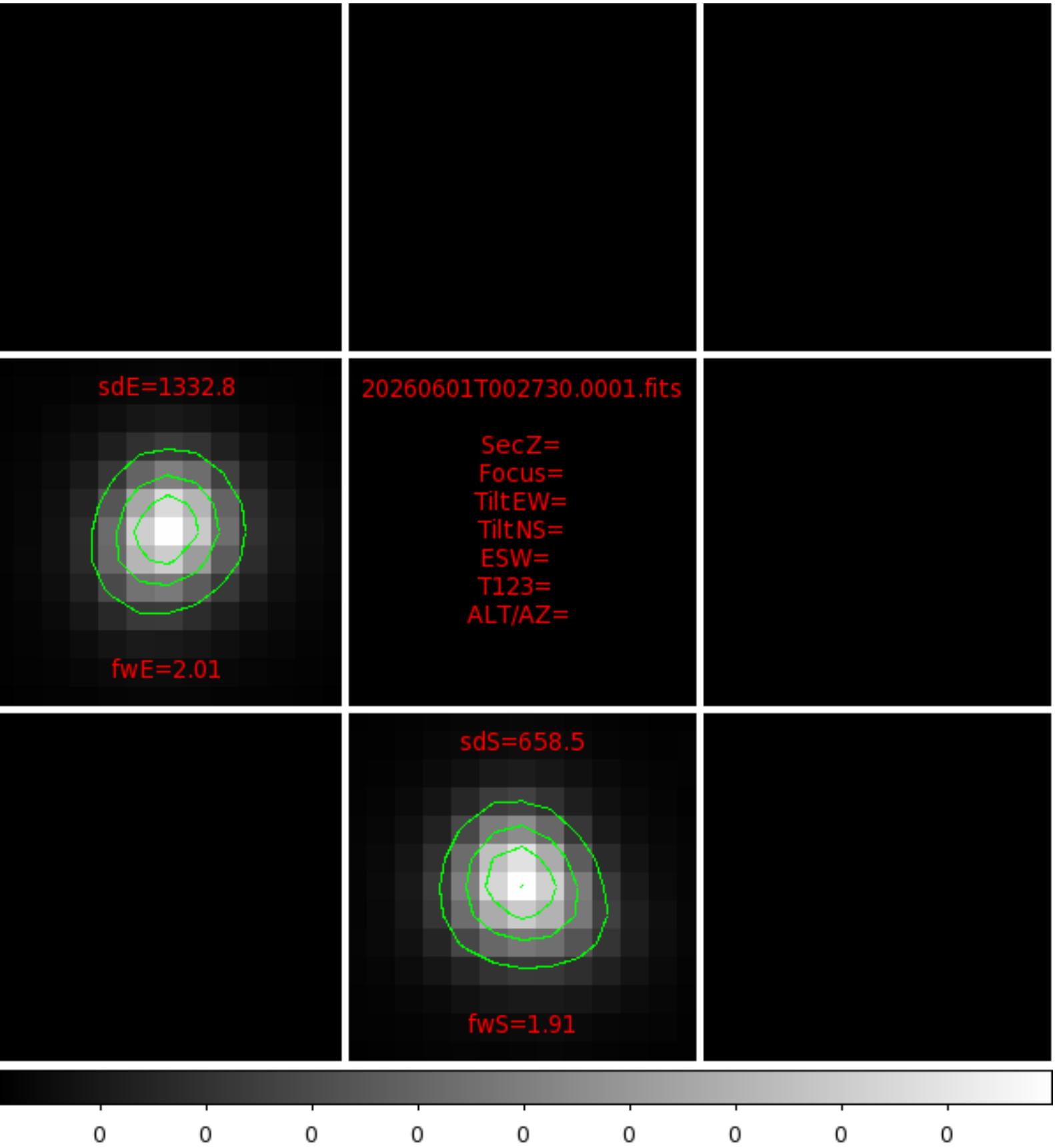
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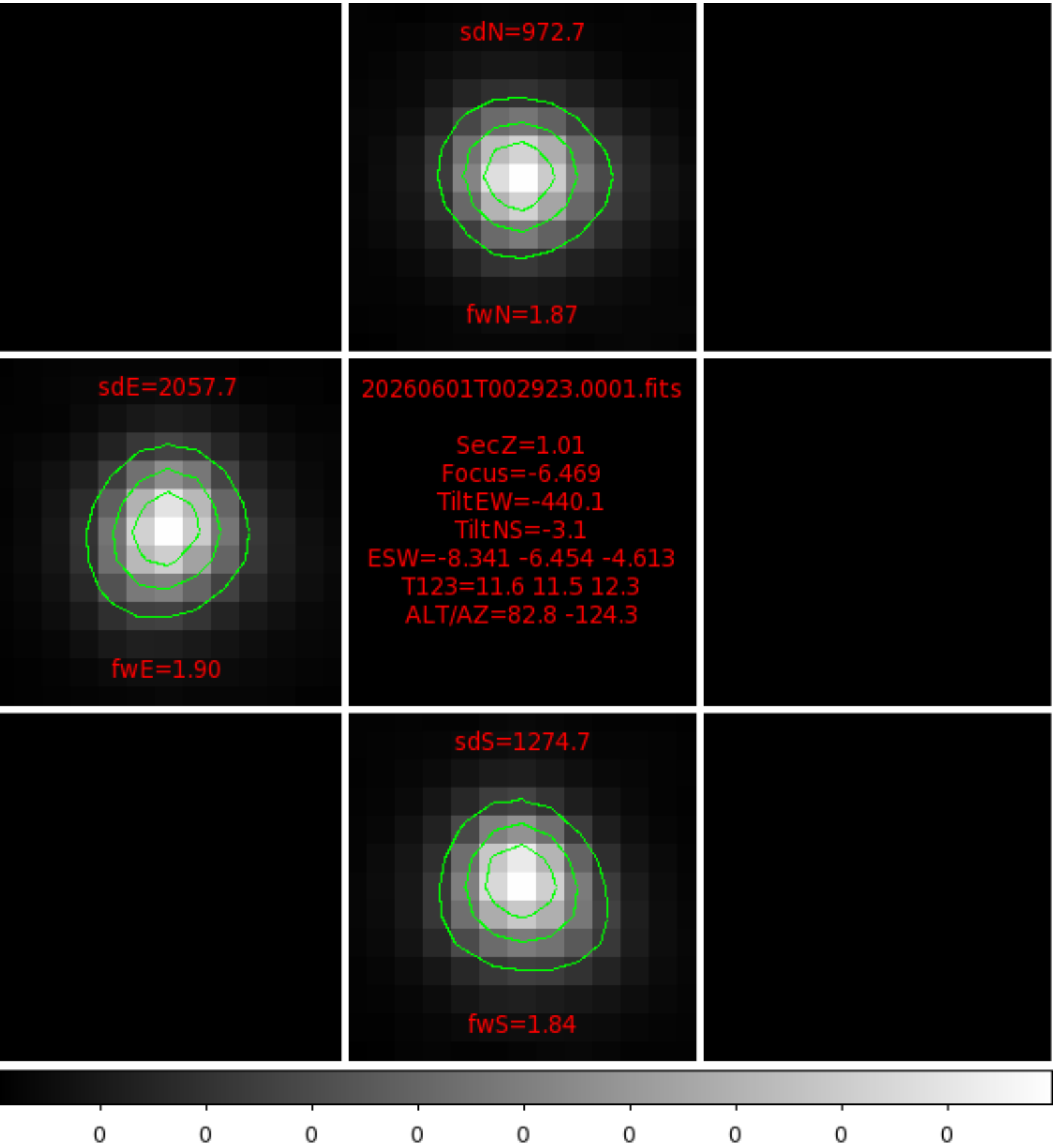
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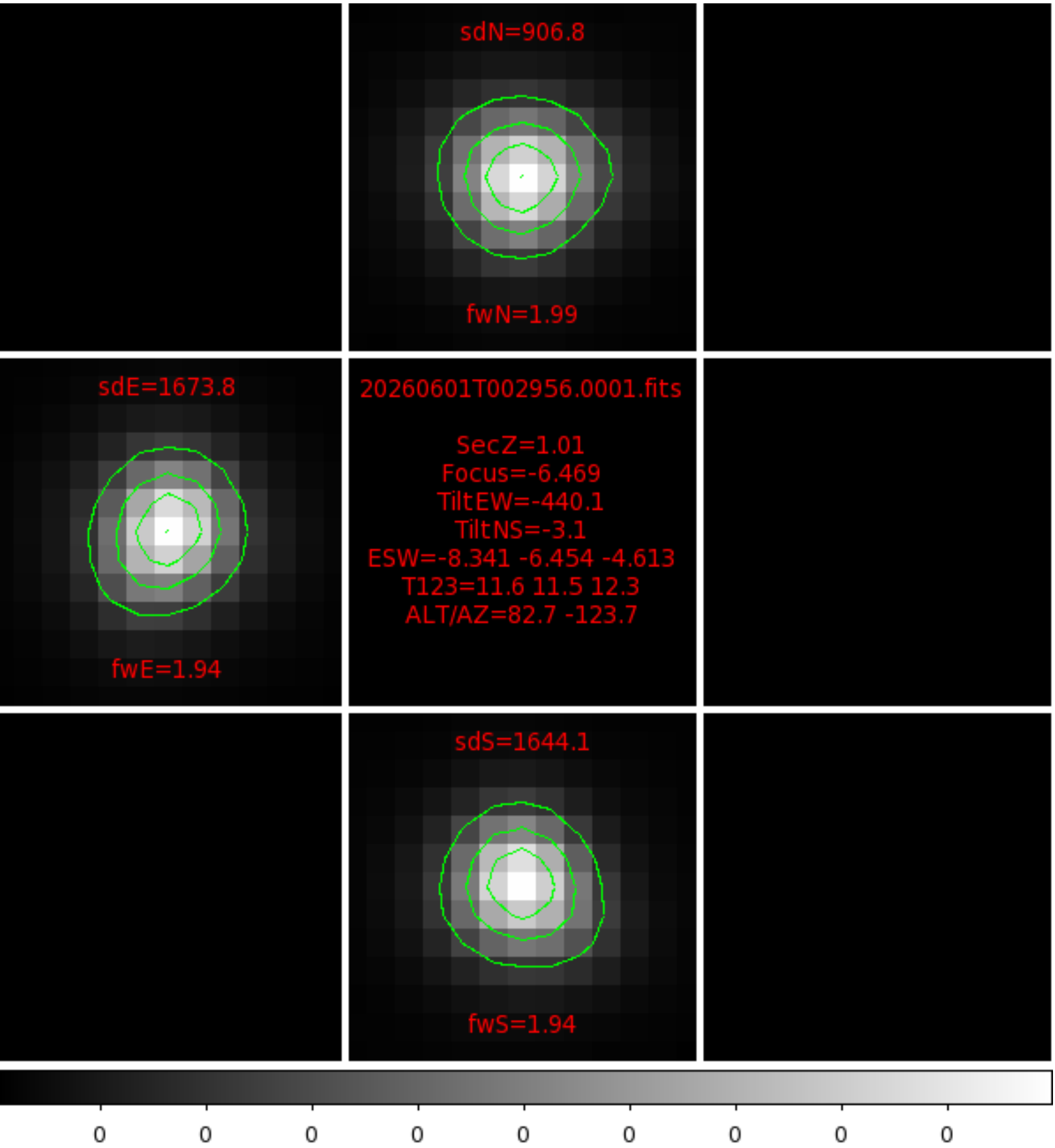
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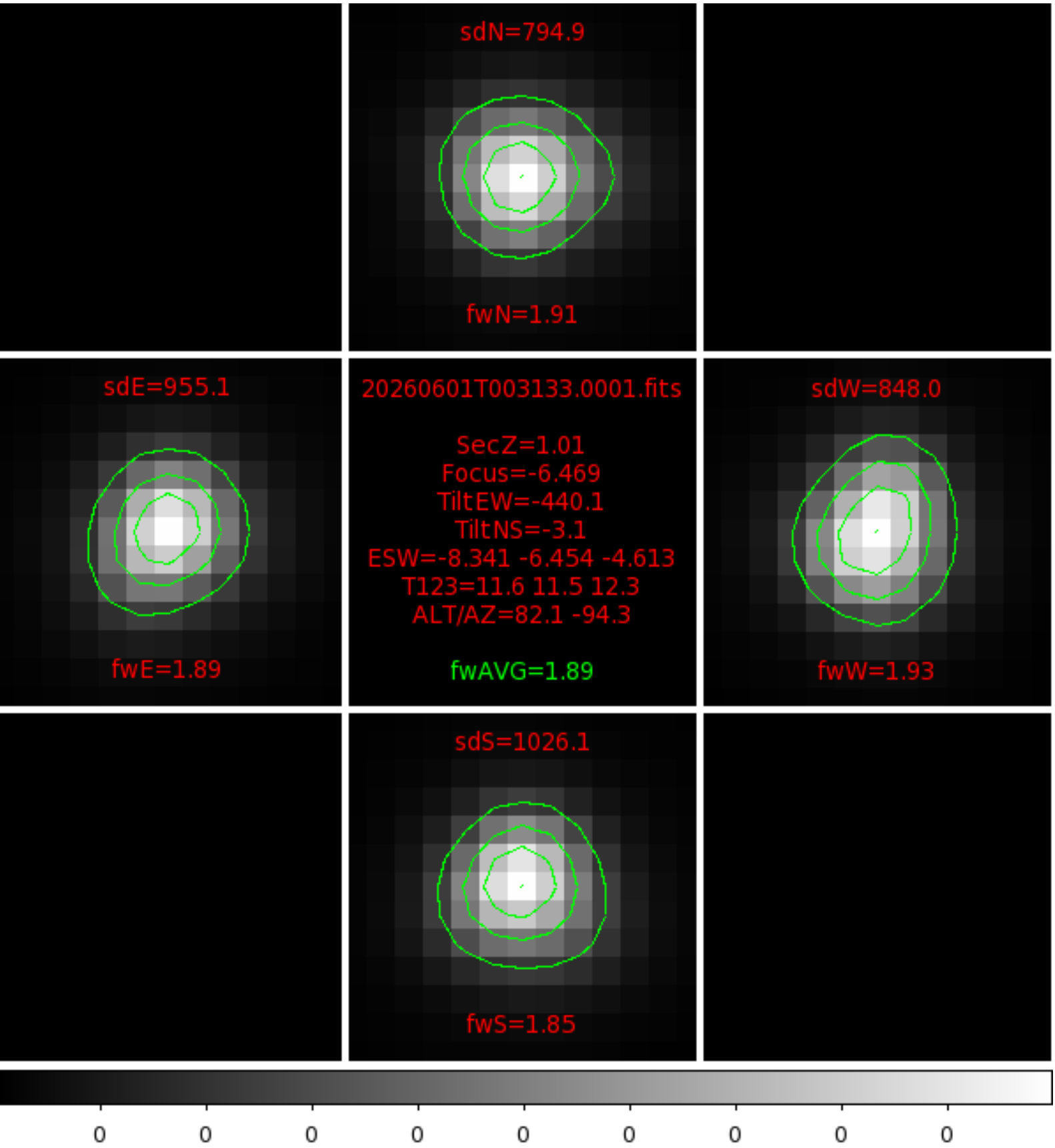
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T123=11.6 11.5 12.3
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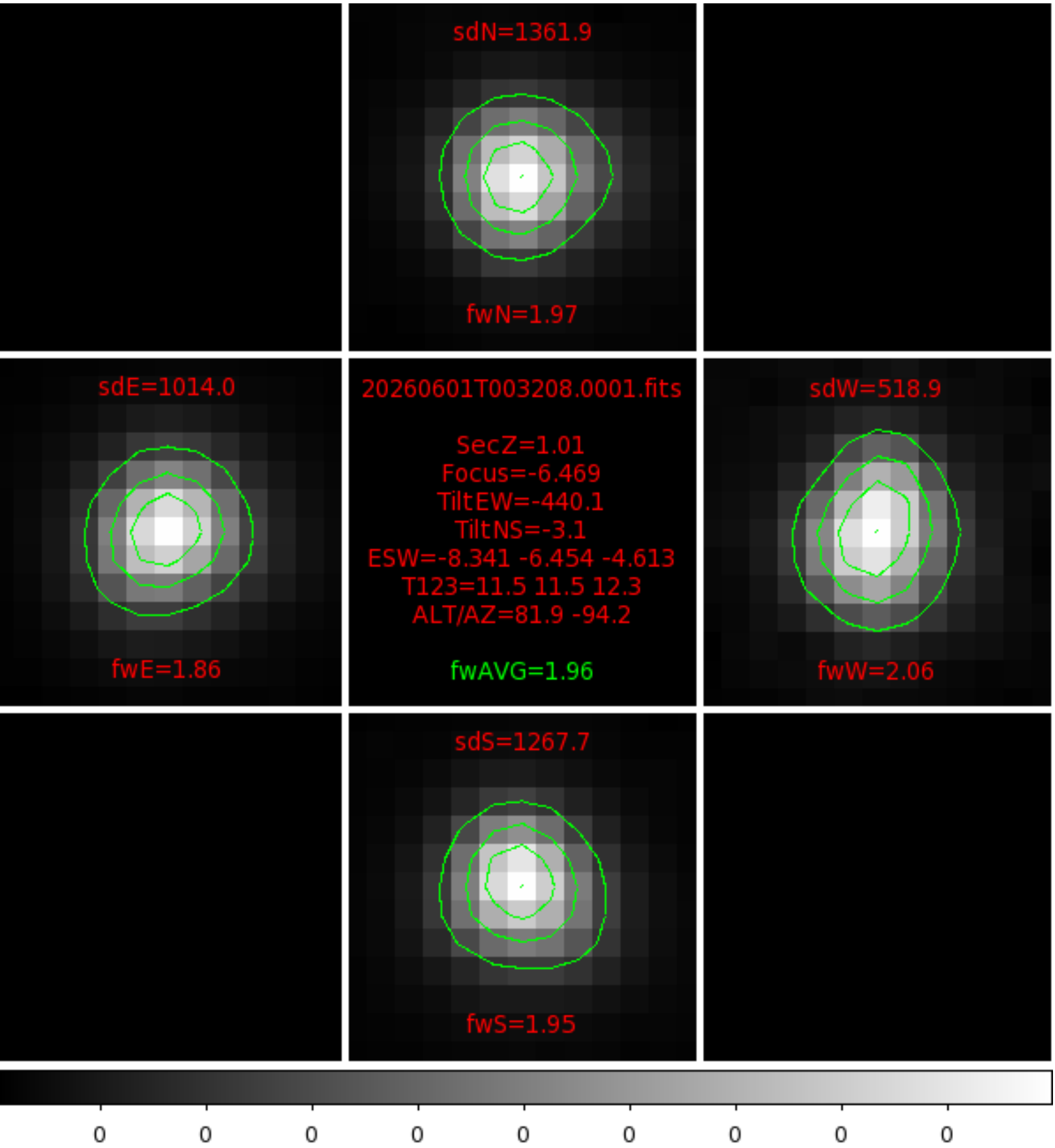
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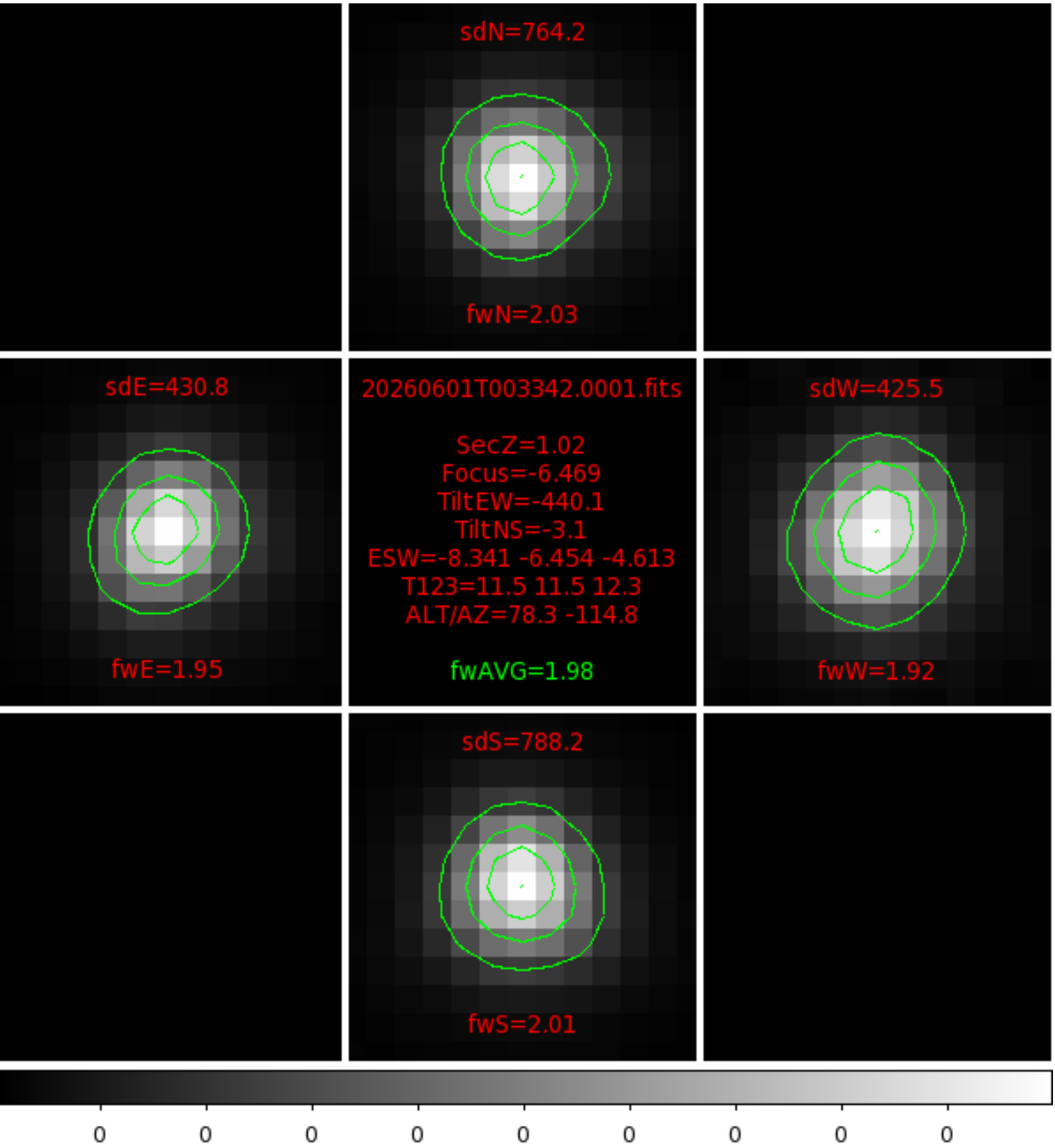
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T123=11.5 11.5 12.3
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fwAVG=1.98
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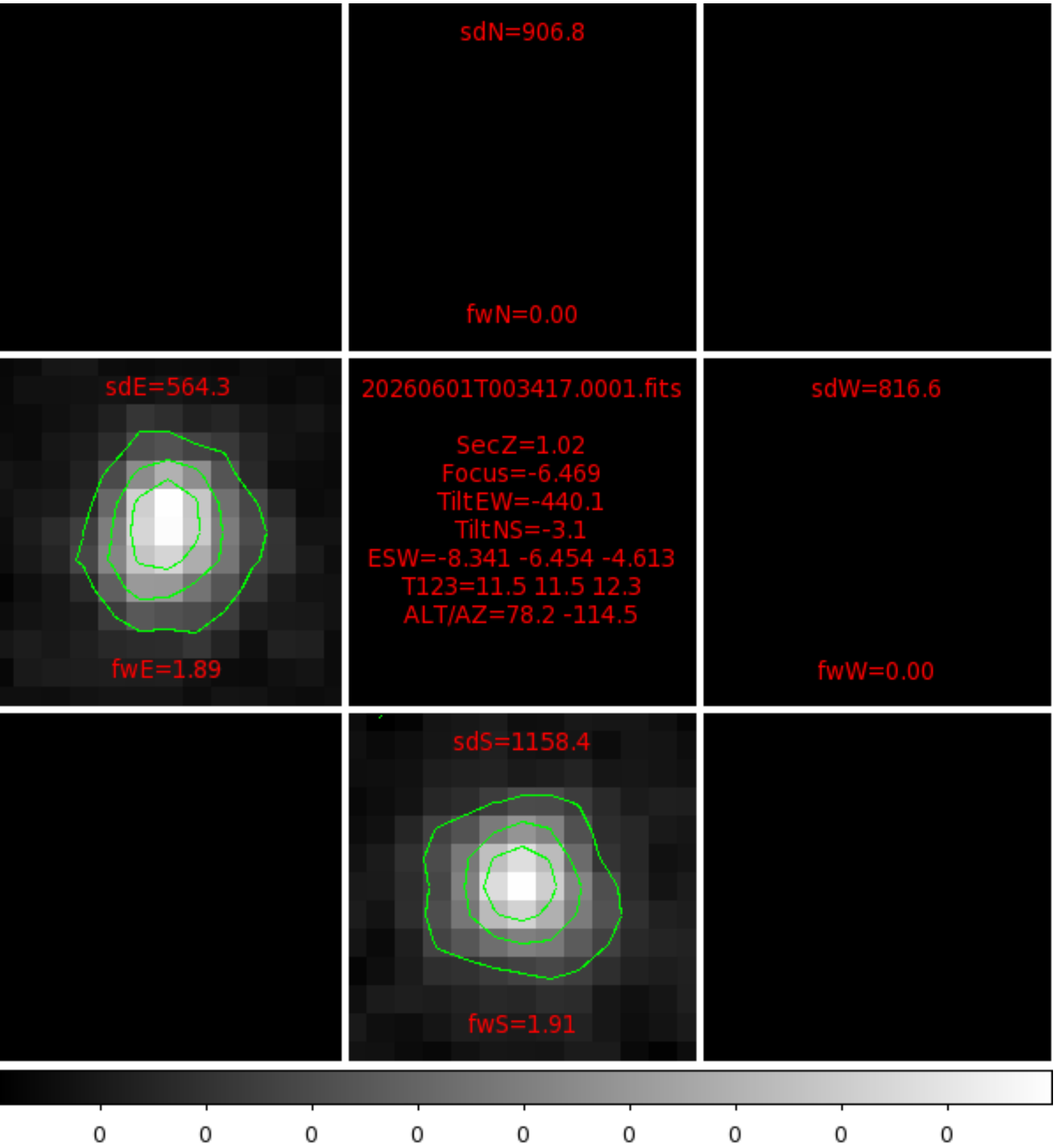
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SecZ=1.02
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.5 12.3
ALT/AZ=78.2 -114.5
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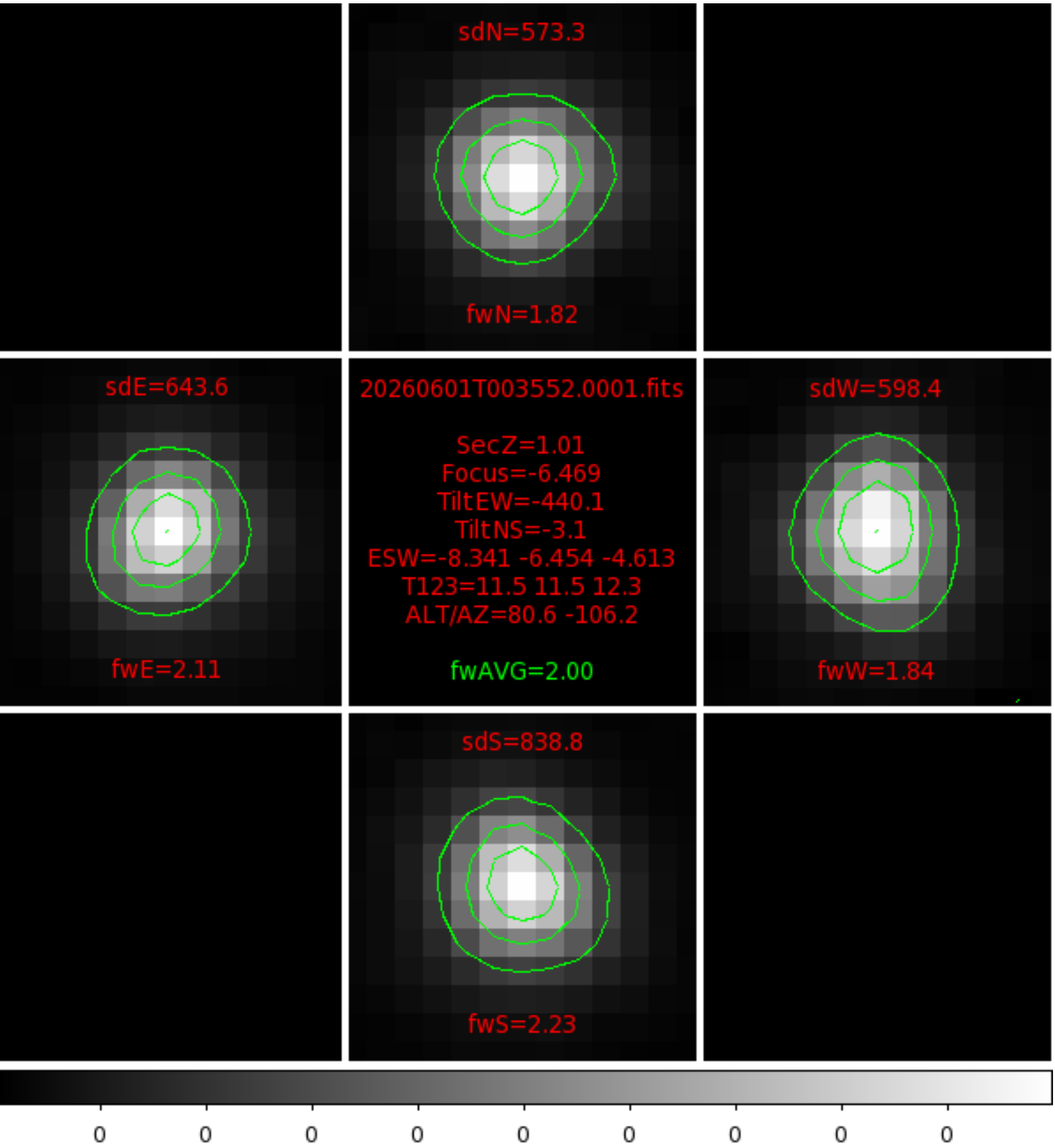
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SecZ=1.01
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.5 12.3
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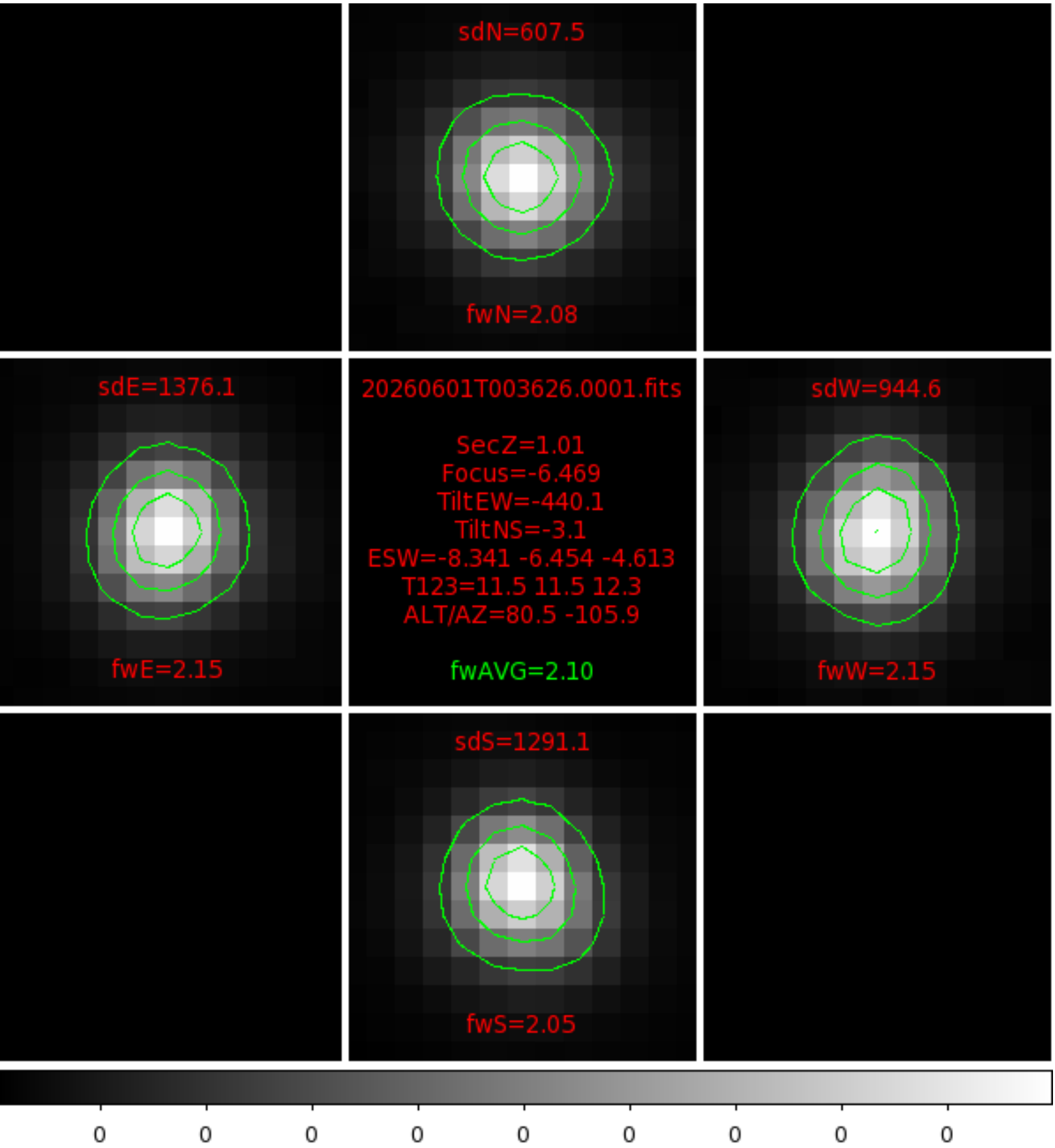
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SecZ=1.01
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.5 12.3
ALT/AZ=80.5 -105.9
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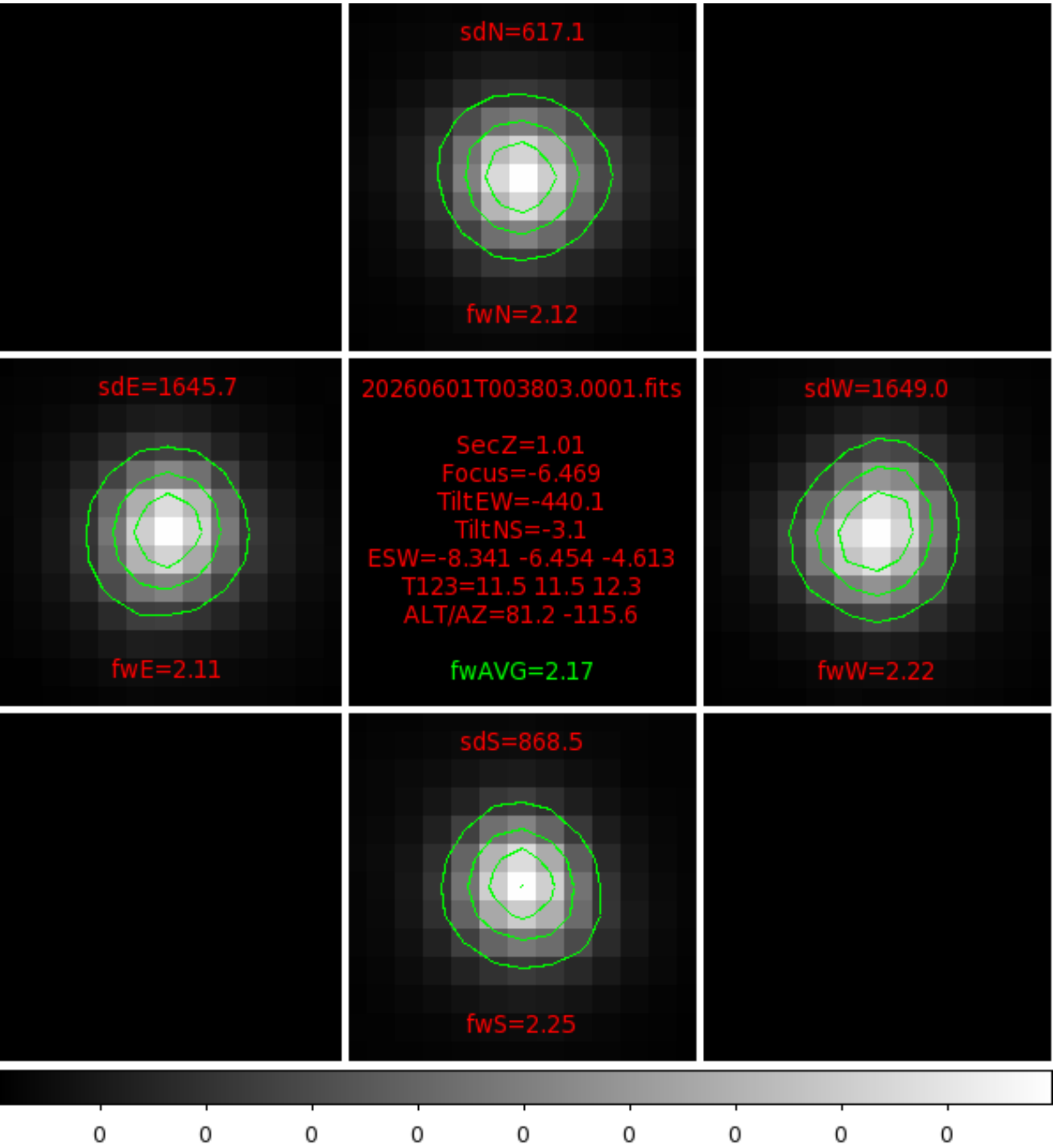
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T123=11.5 11.5 12.3
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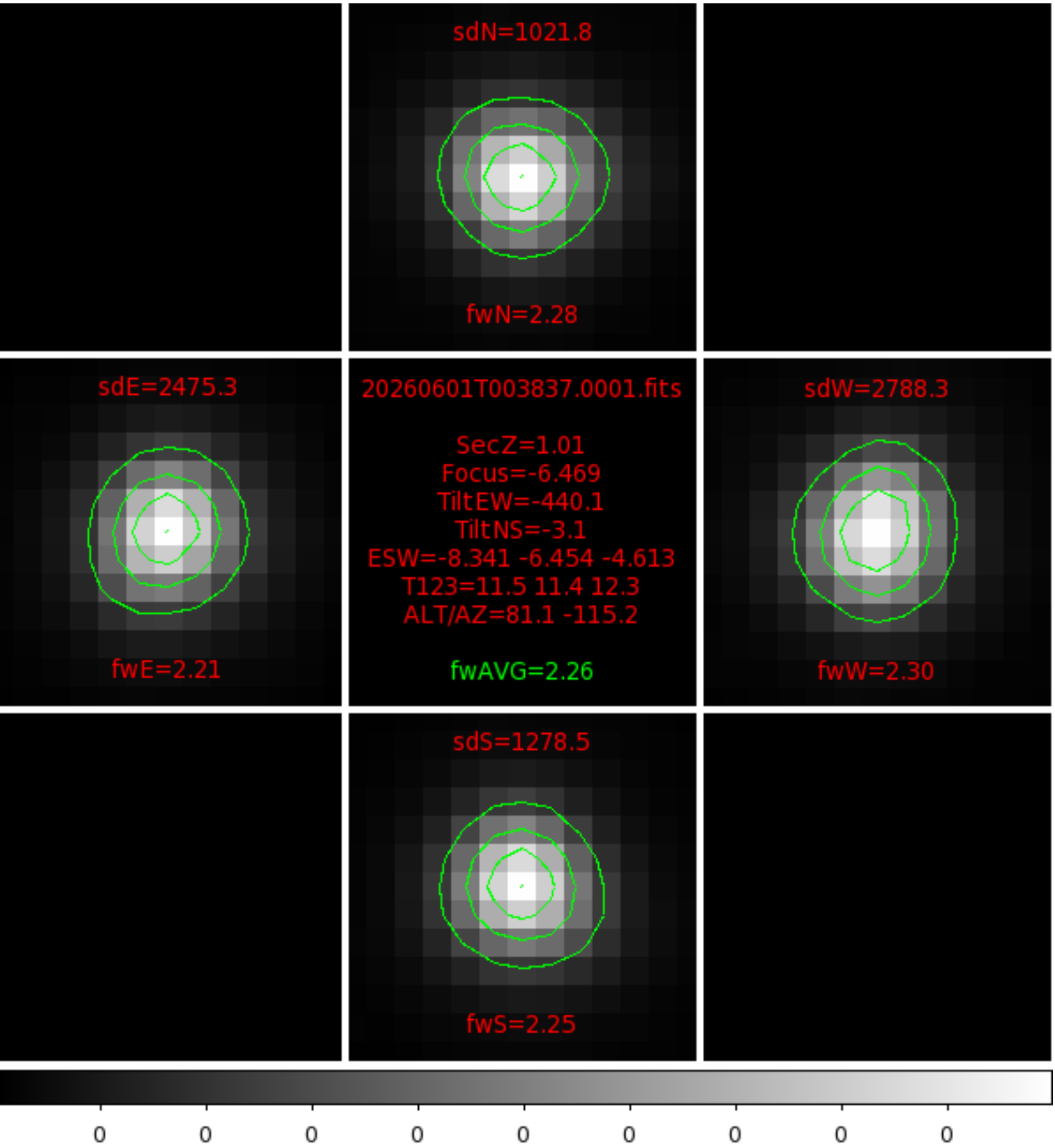
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.4 12.3
ALT/AZ=81.1 -115.2
fwAVG=2.26
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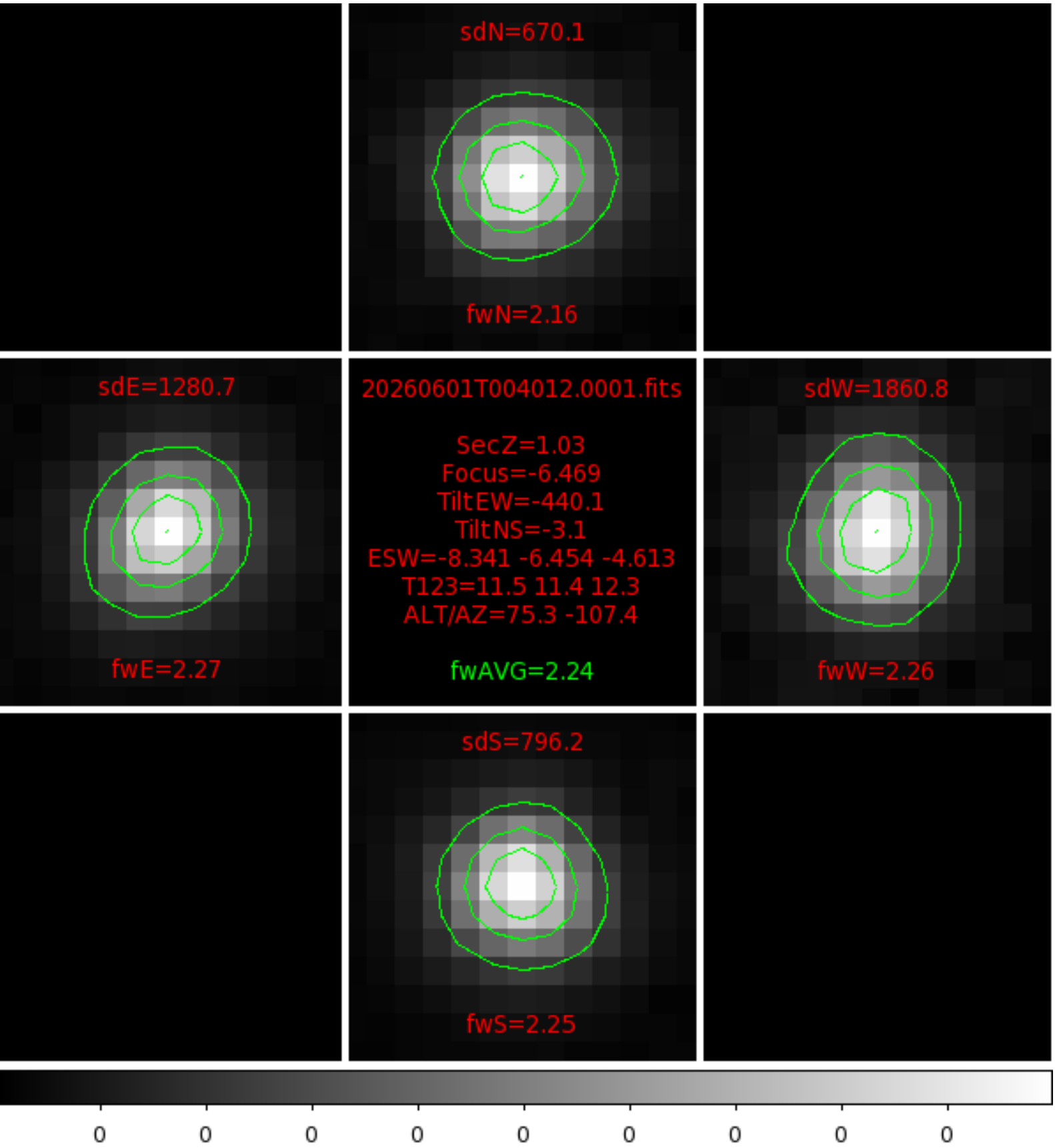
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T123=11.5 11.4 12.3
ALT/AZ=75.3 -107.4
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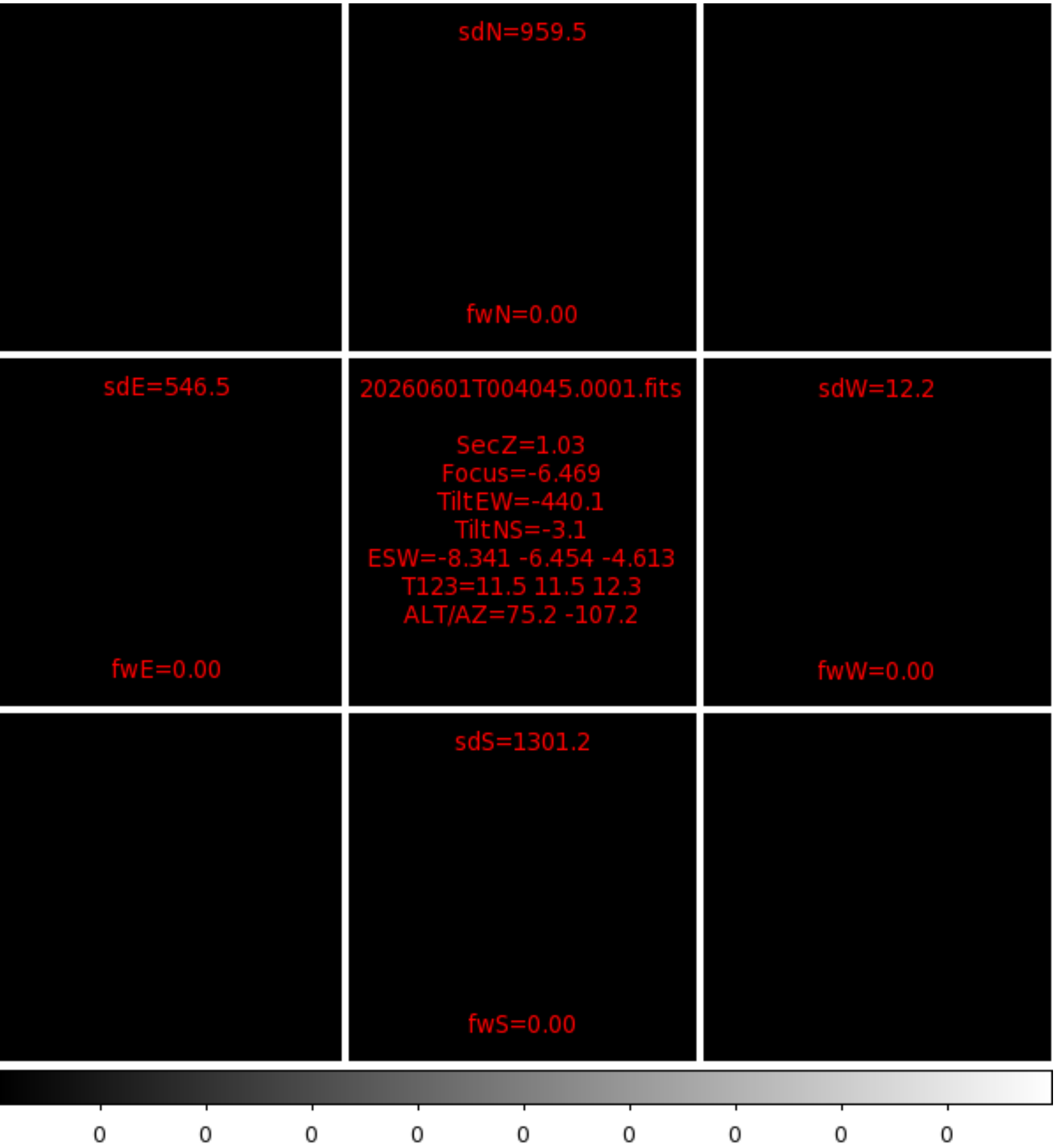
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T123=11.5 11.5 12.3
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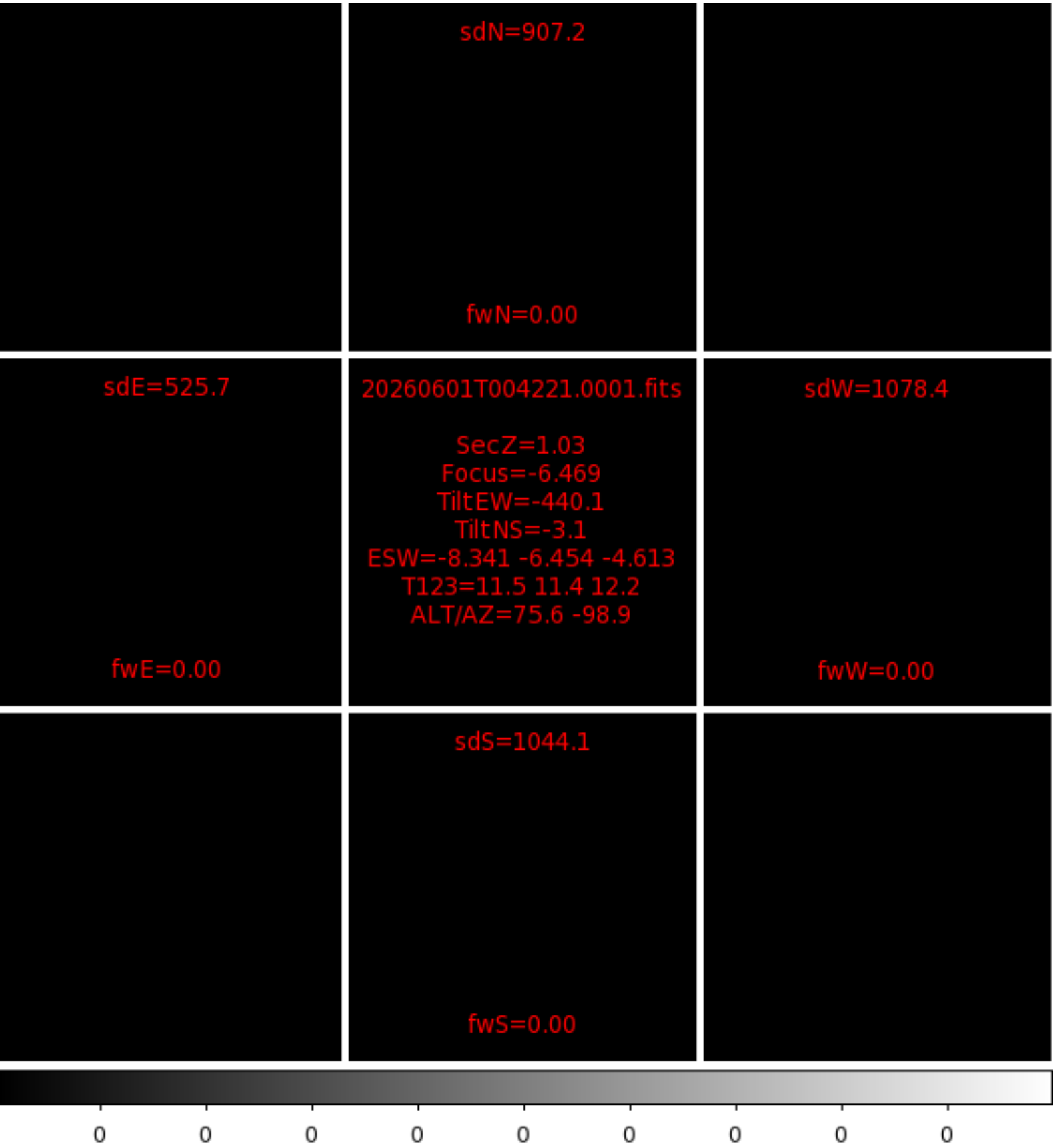
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T123=11.5 11.4 12.2
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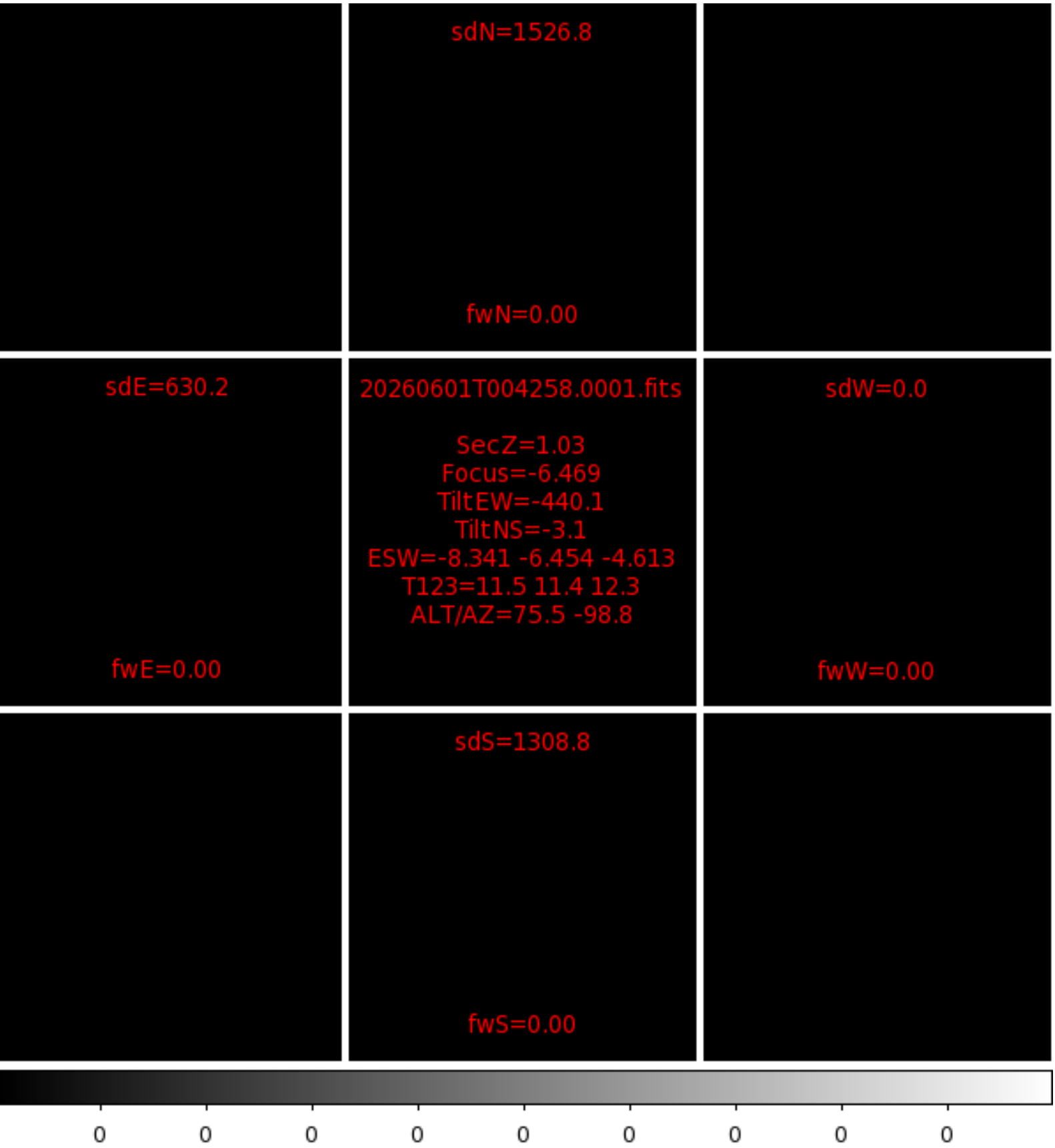
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T123=11.5 11.4 12.3
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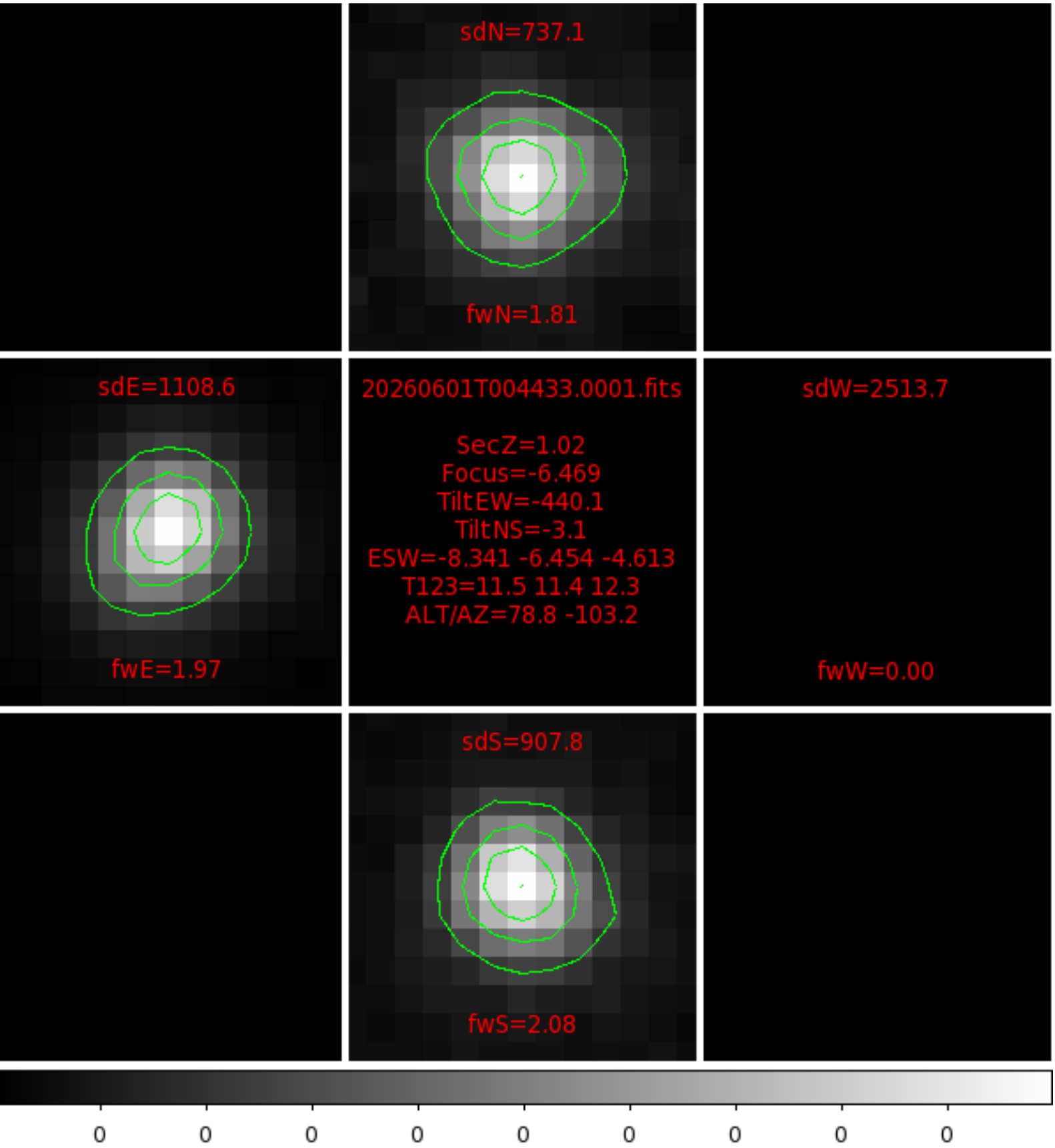
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T123=11.5 11.4 12.3
ALT/AZ=78.8 -103.2
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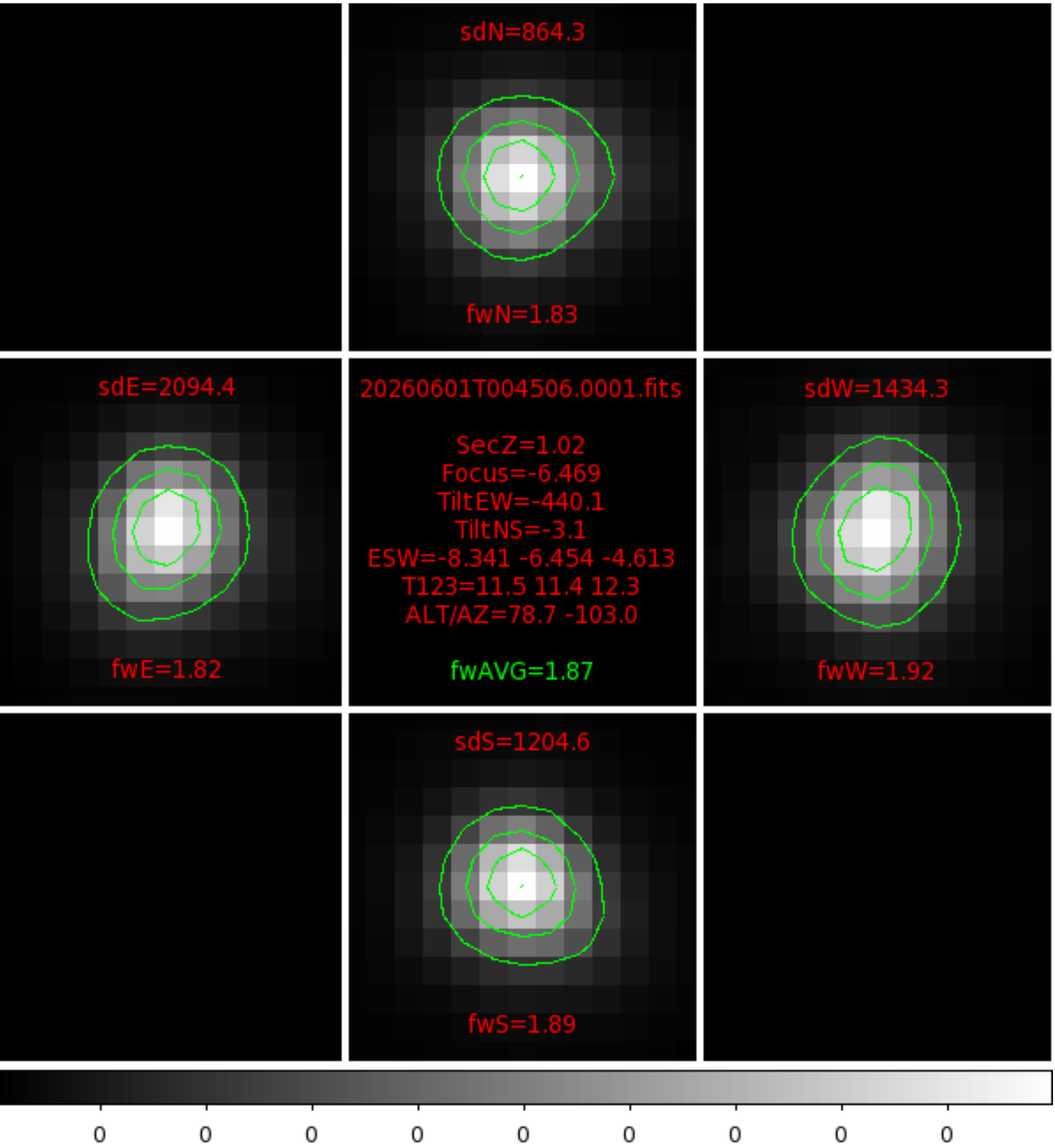
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.4 12.3
ALT/AZ=78.7 -103.0
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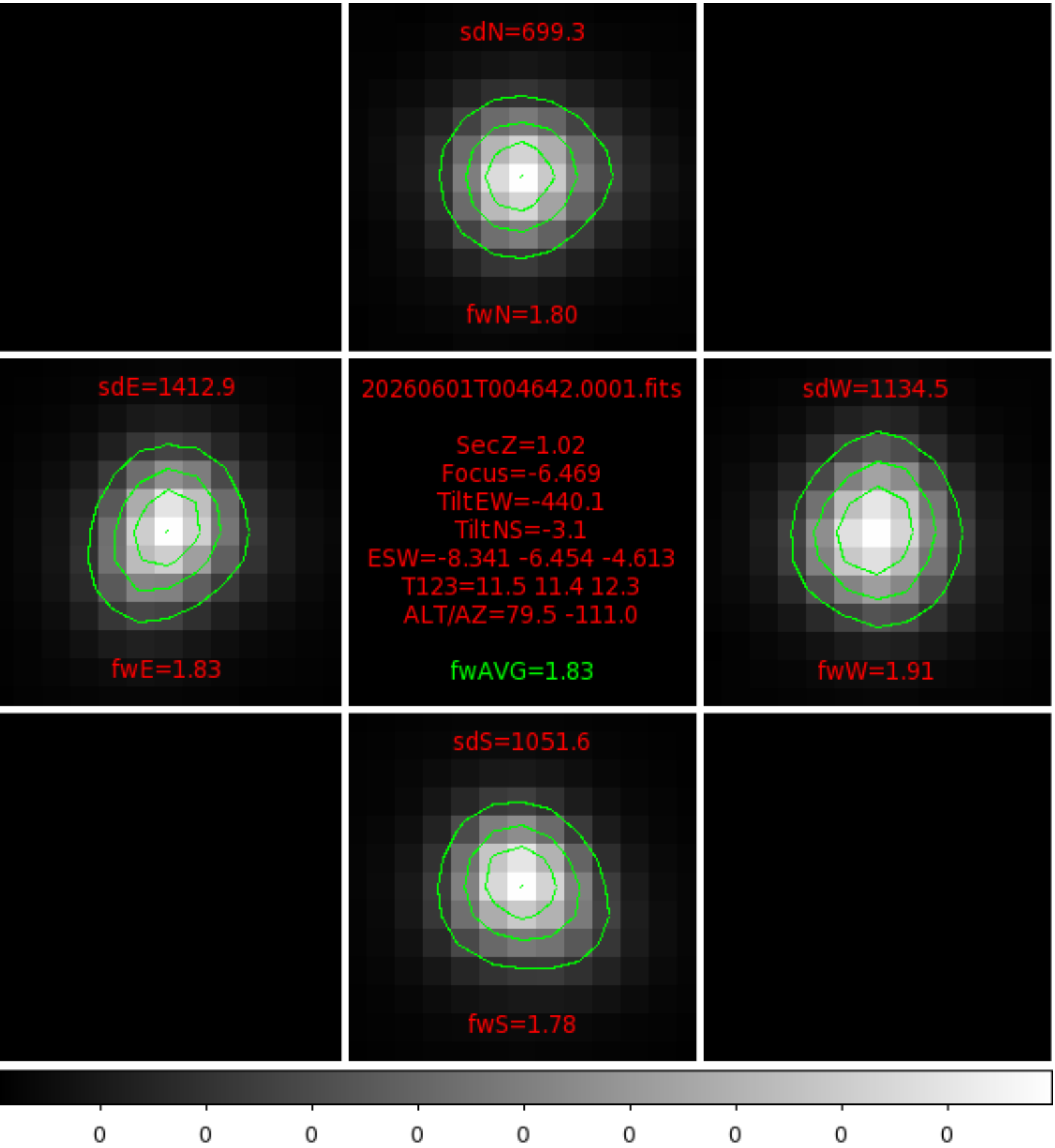
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SecZ=1.02
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.4 12.3
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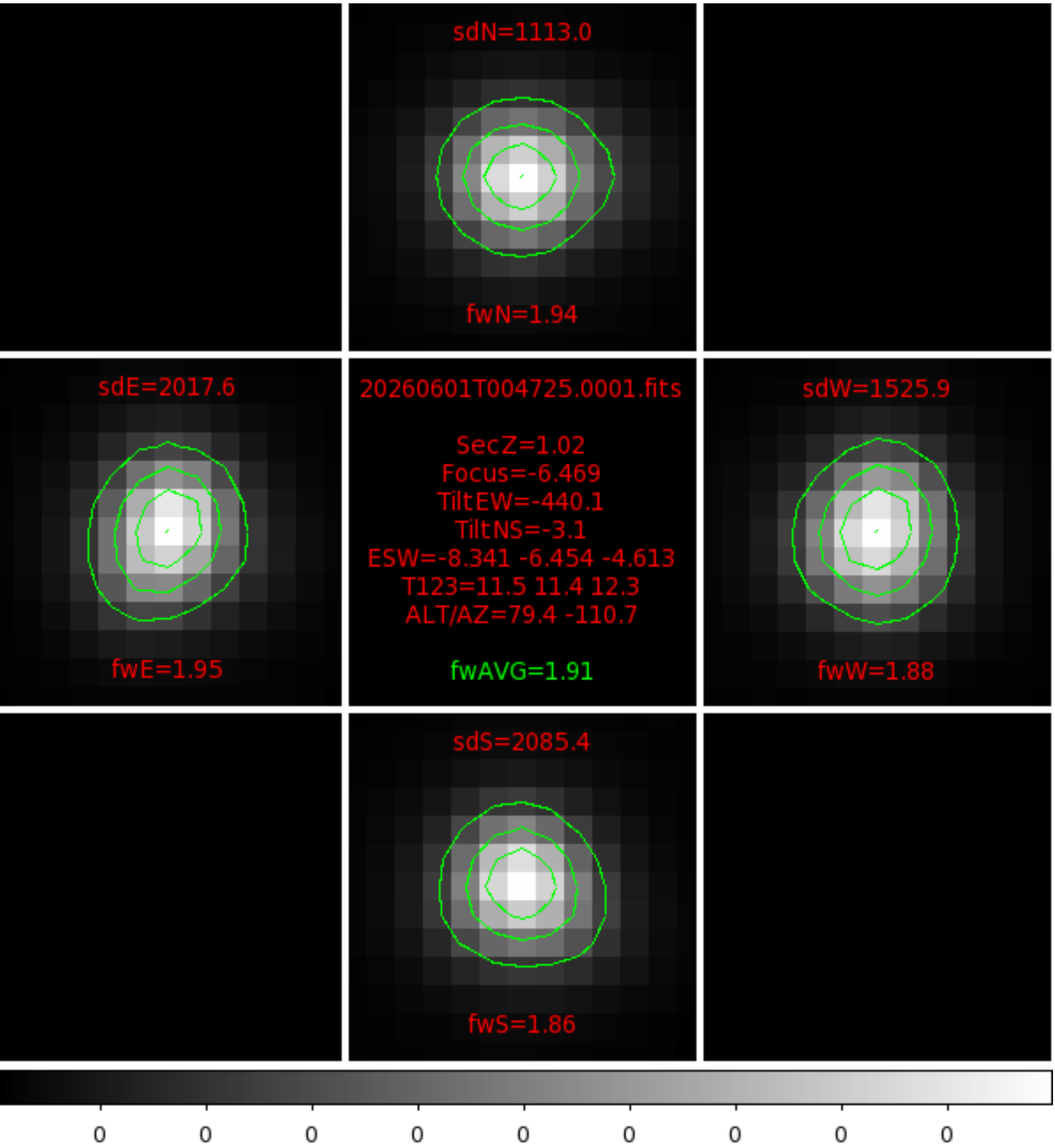
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T123=11.5 11.4 12.3
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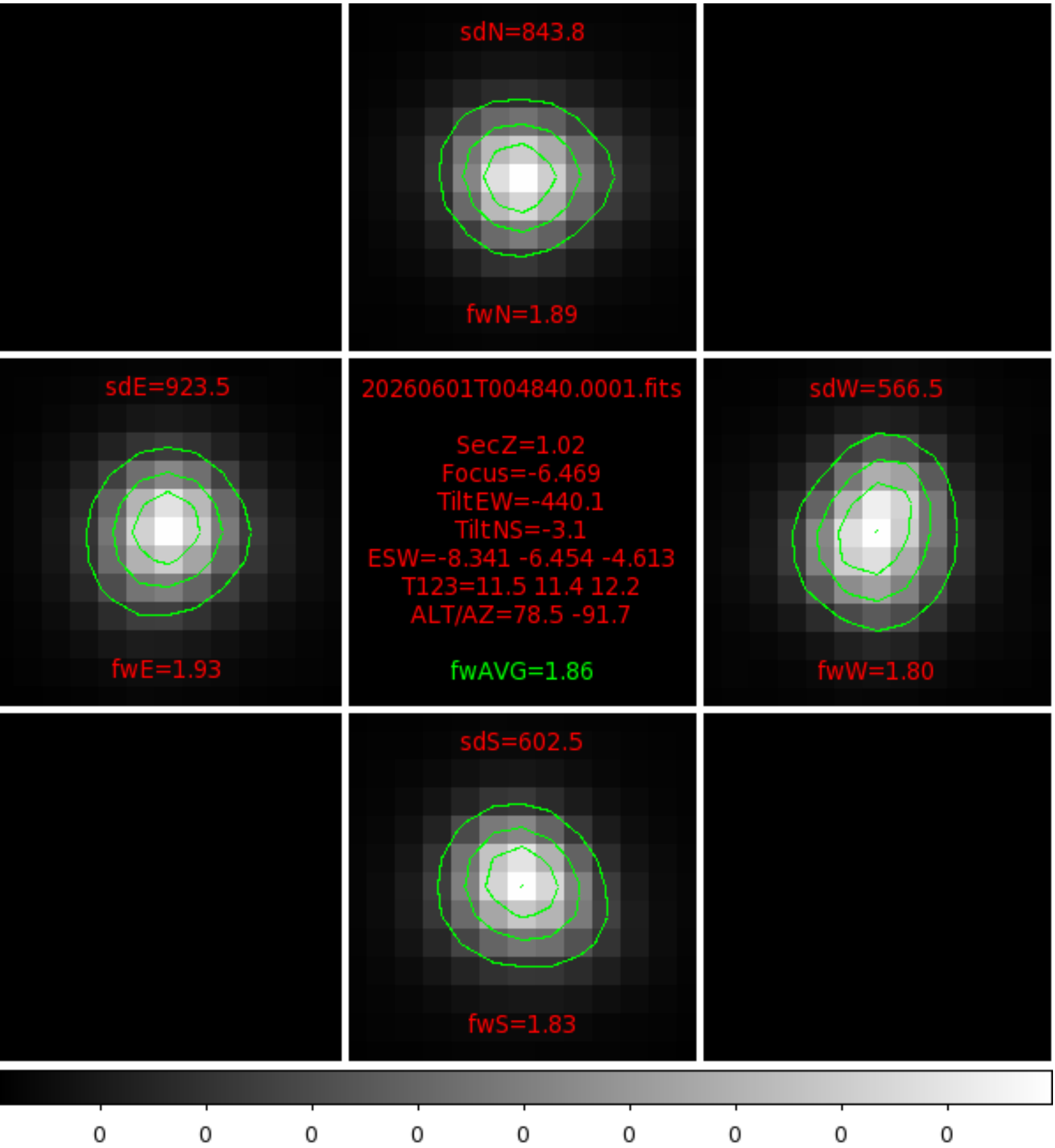
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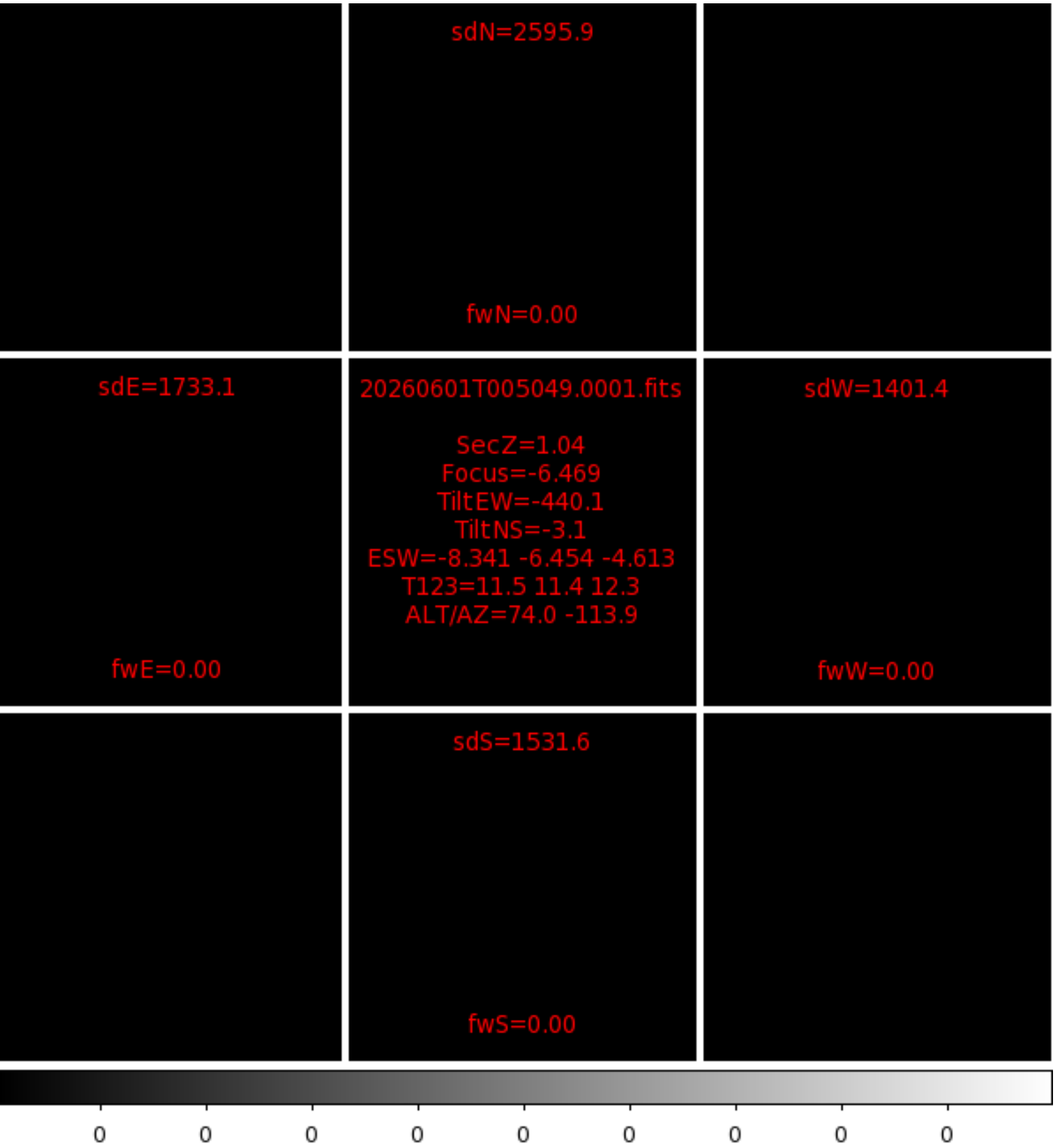
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T123=11.5 11.4 12.3
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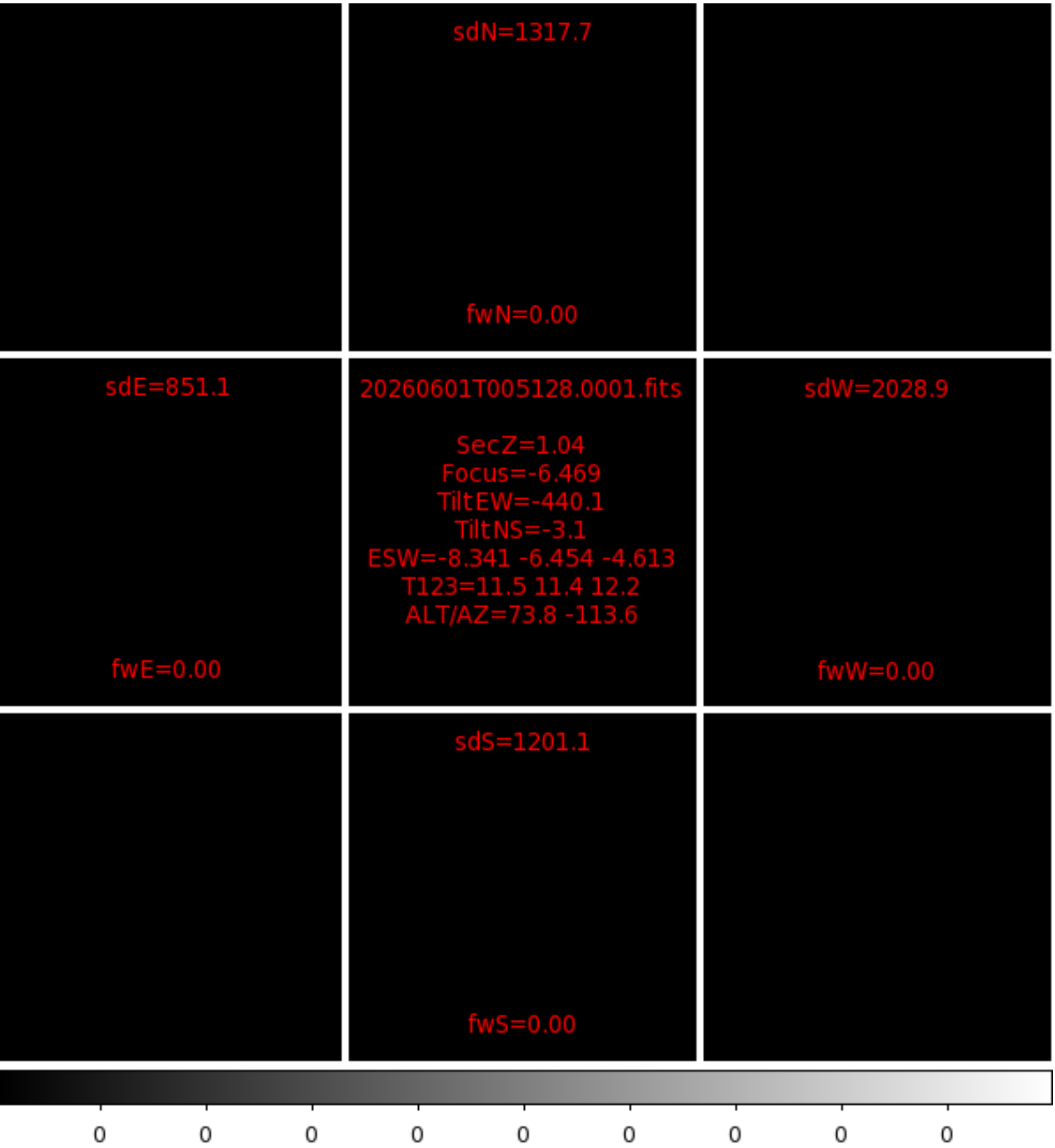
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TiltNS=-3.1
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T123=11.5 11.4 12.2
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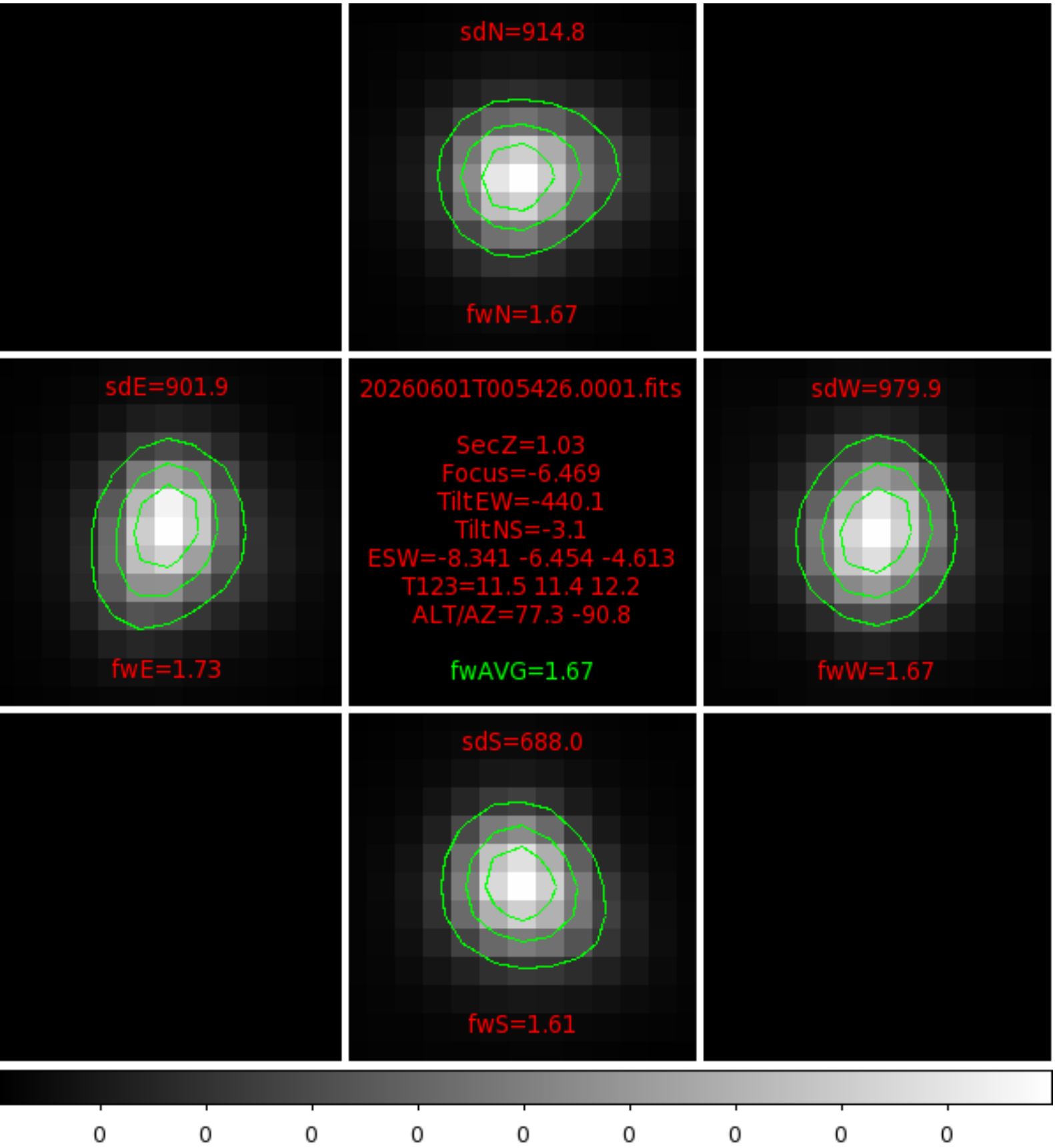
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SecZ=1.03
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.4 12.2
ALT/AZ=77.3 -90.8
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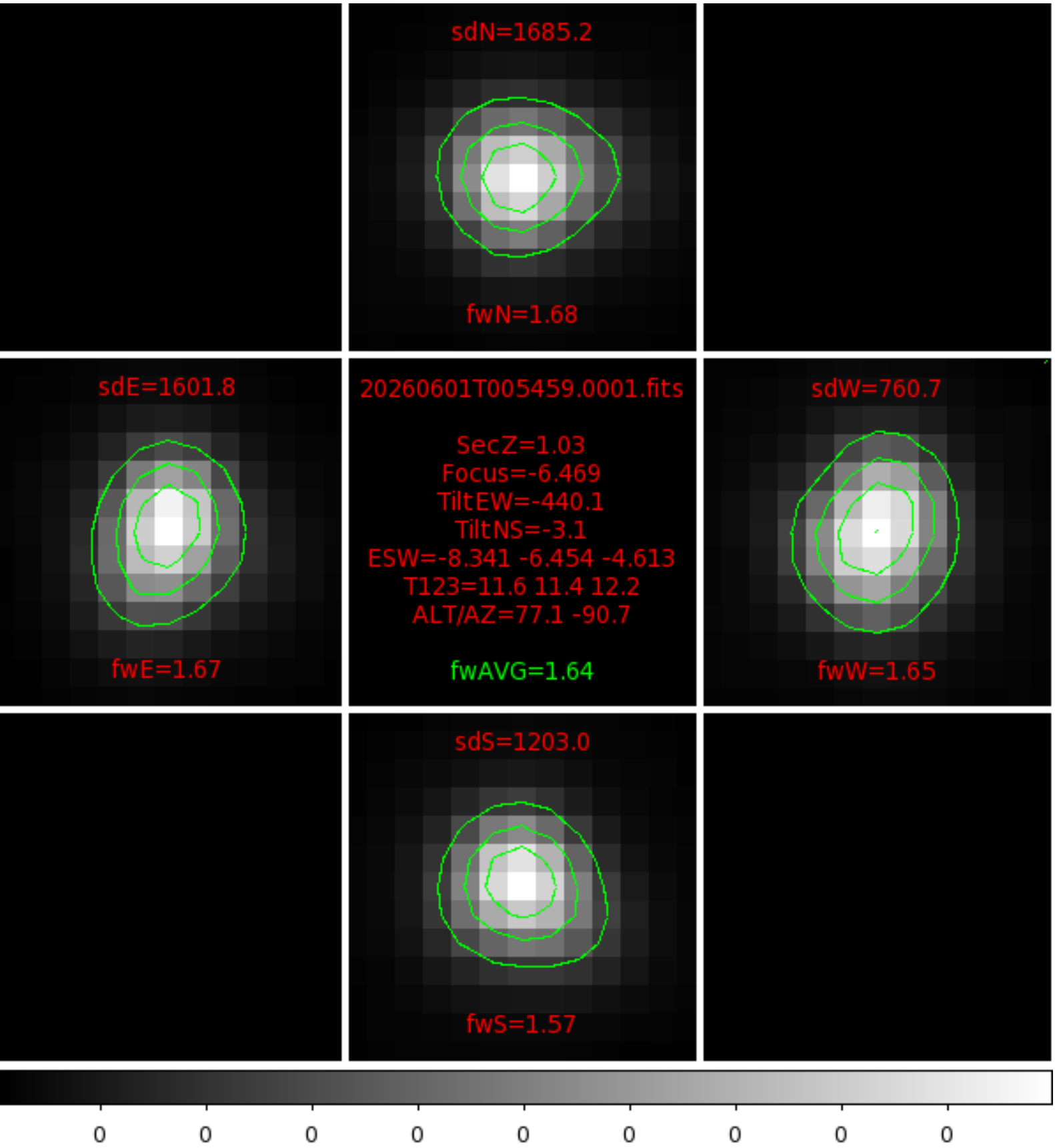
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T123=11.6 11.4 12.2
ALT/AZ=77.1 -90.7
fwAVG=1.64
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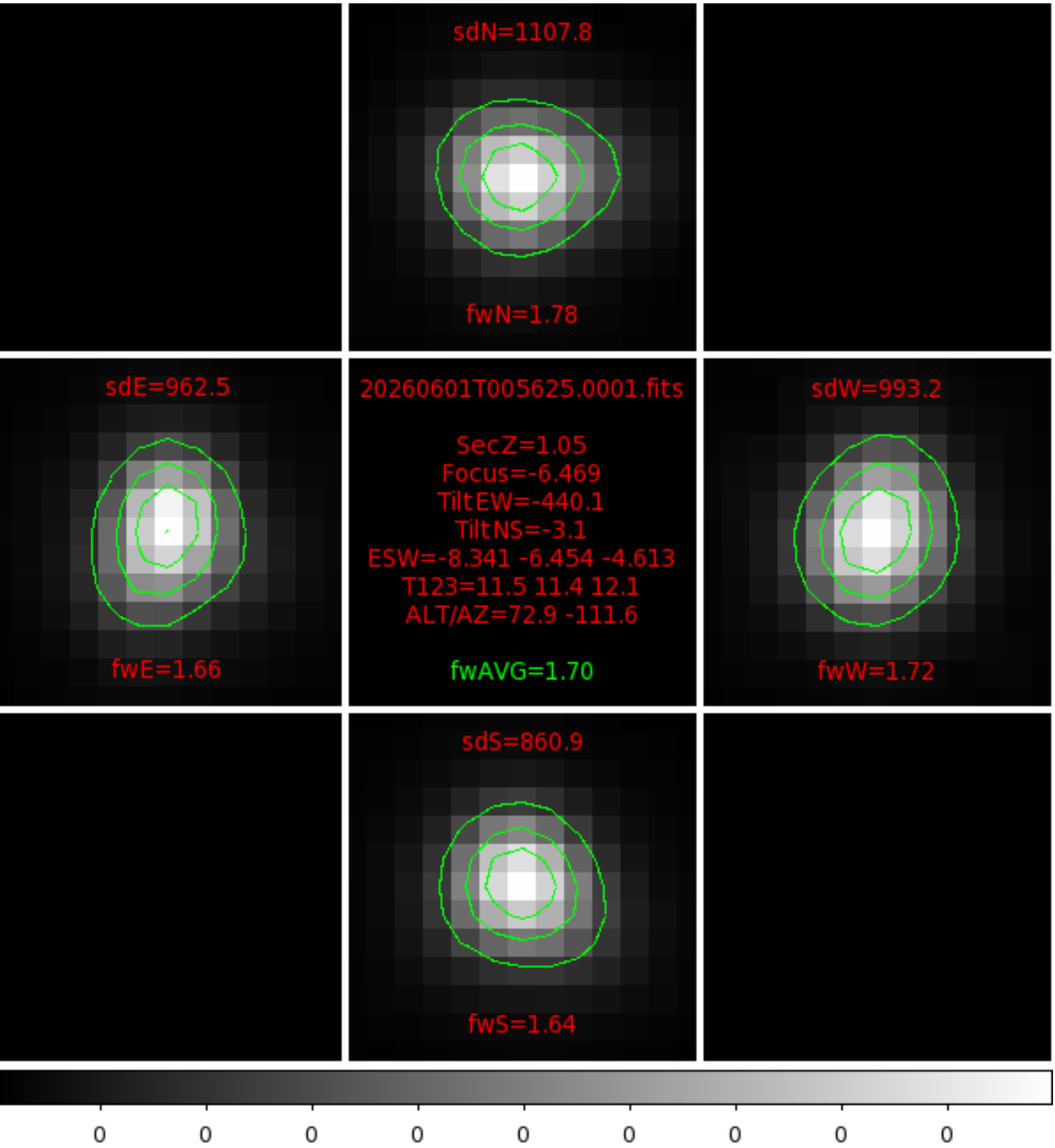
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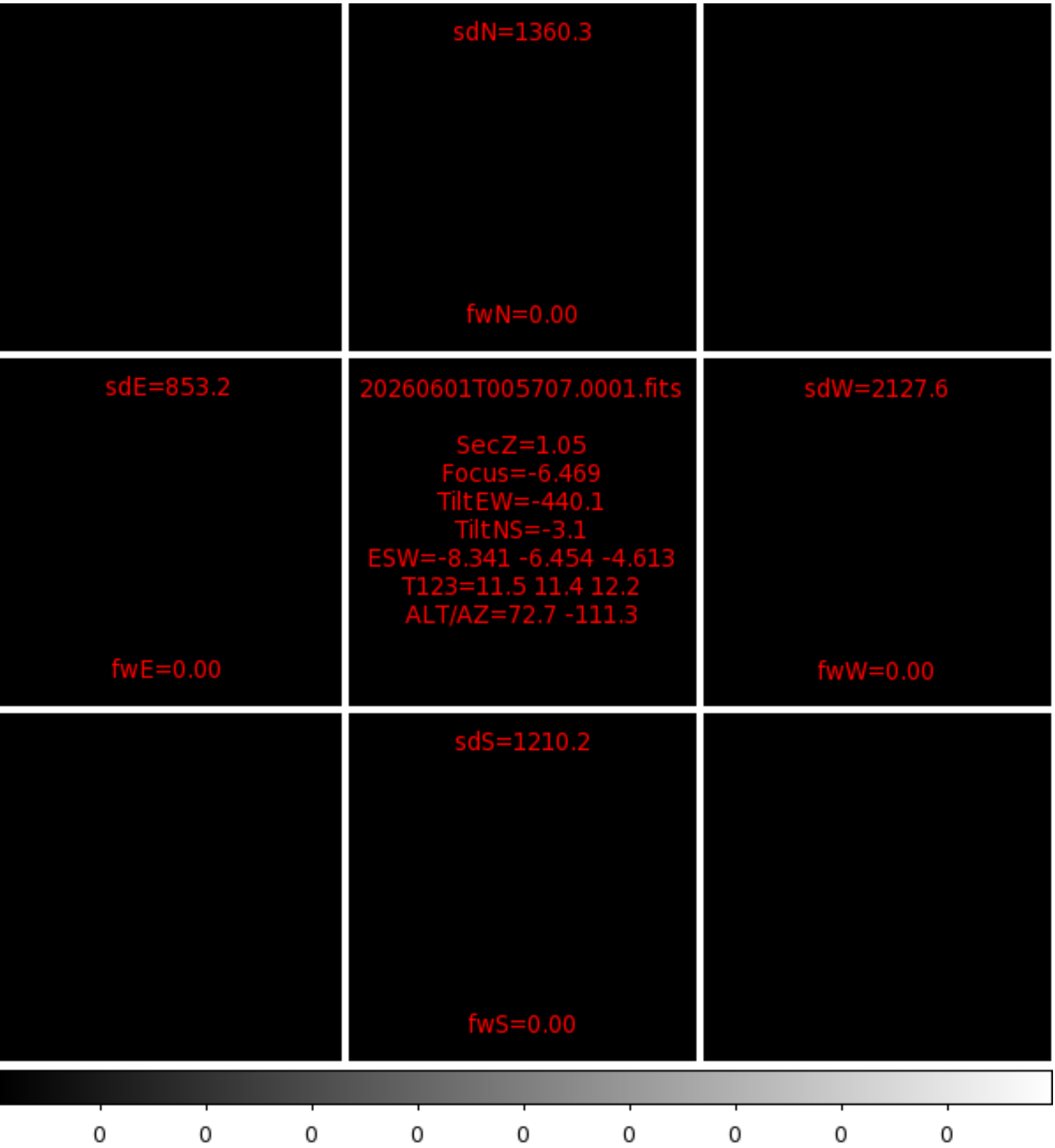
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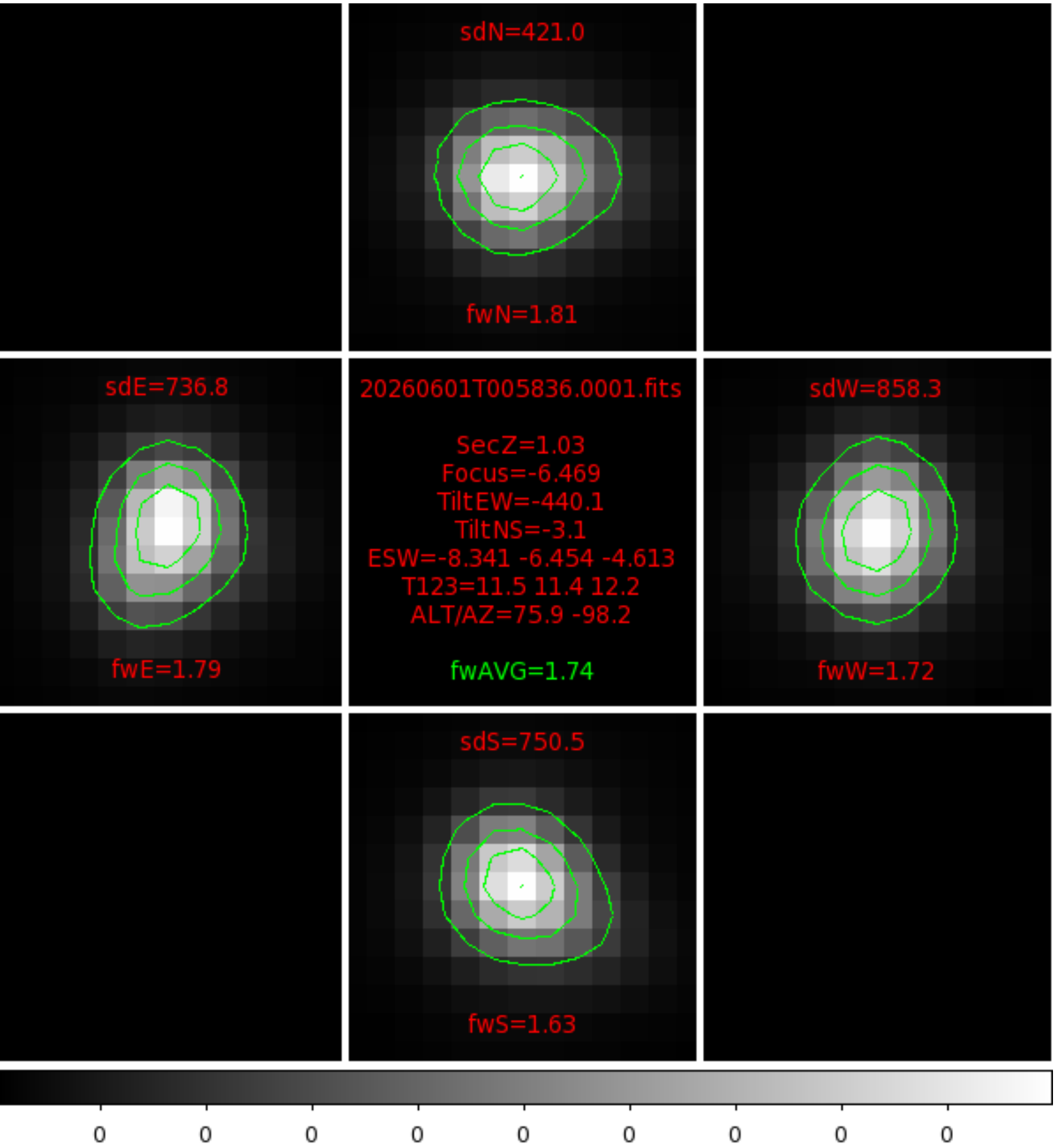
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T123=11.5 11.4 12.2
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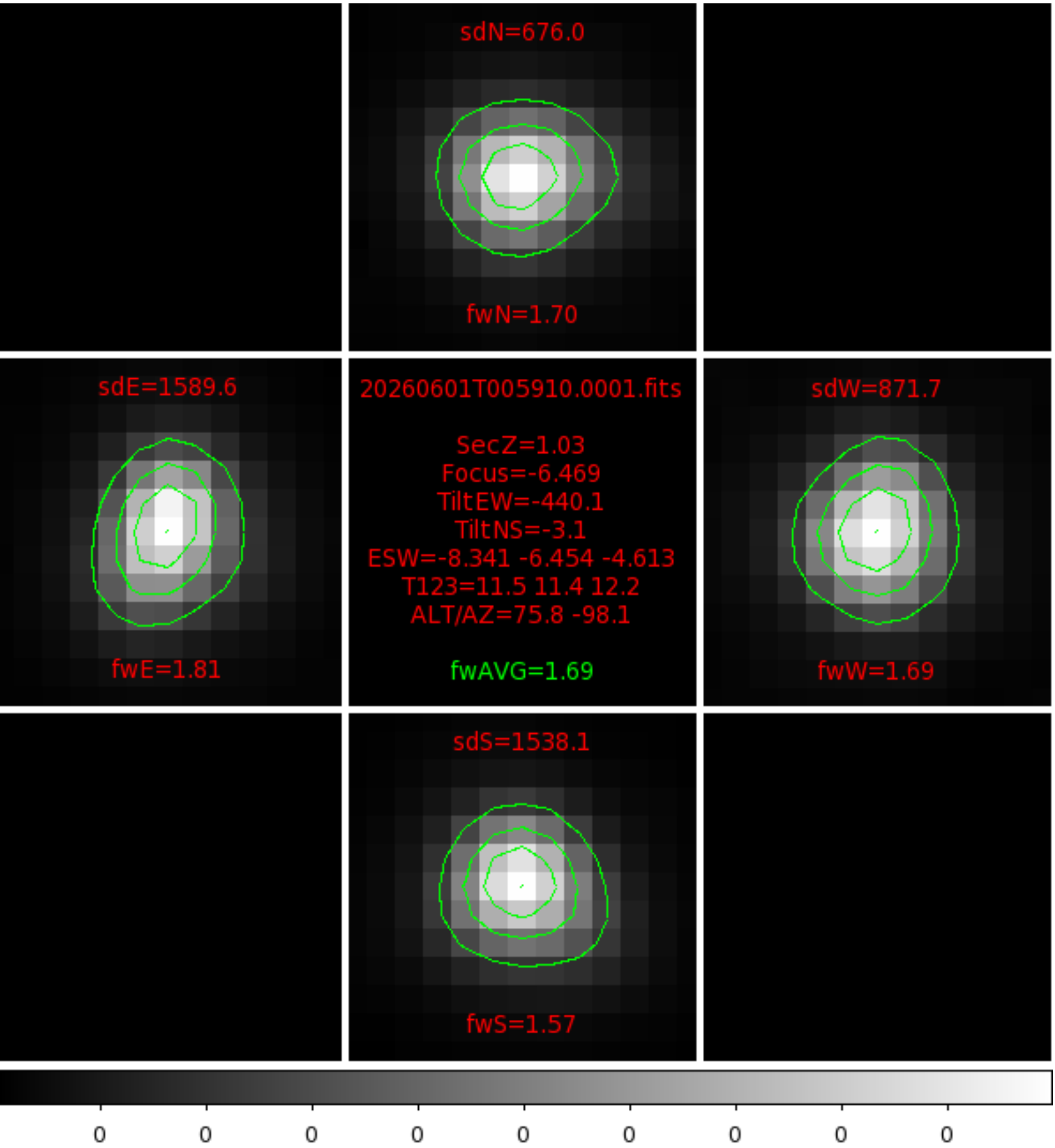
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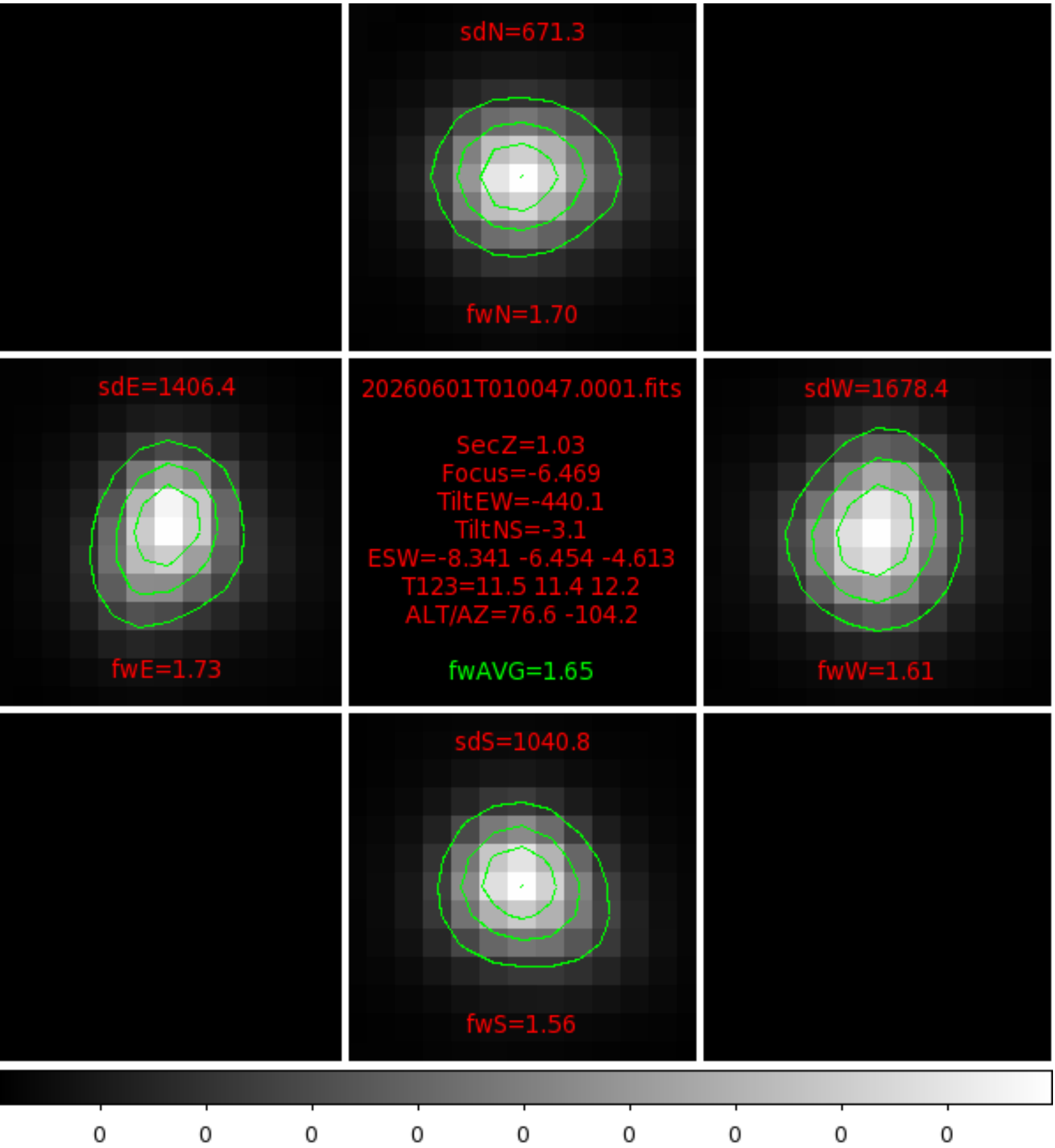
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T123=11.5 11.4 12.2
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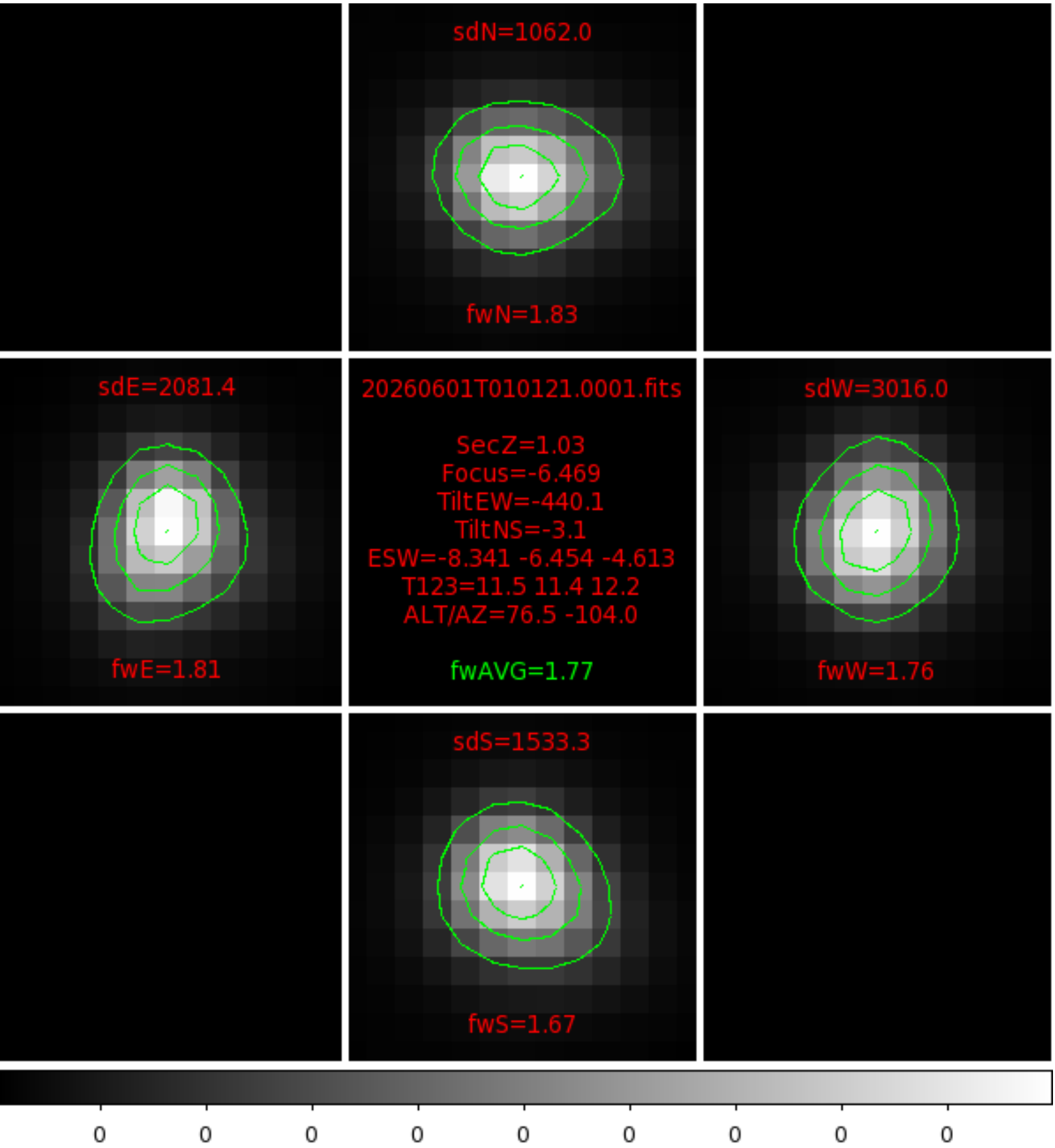
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TiltNS=-3.1
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T123=11.5 11.4 12.2
ALT/AZ=76.5 -104.0
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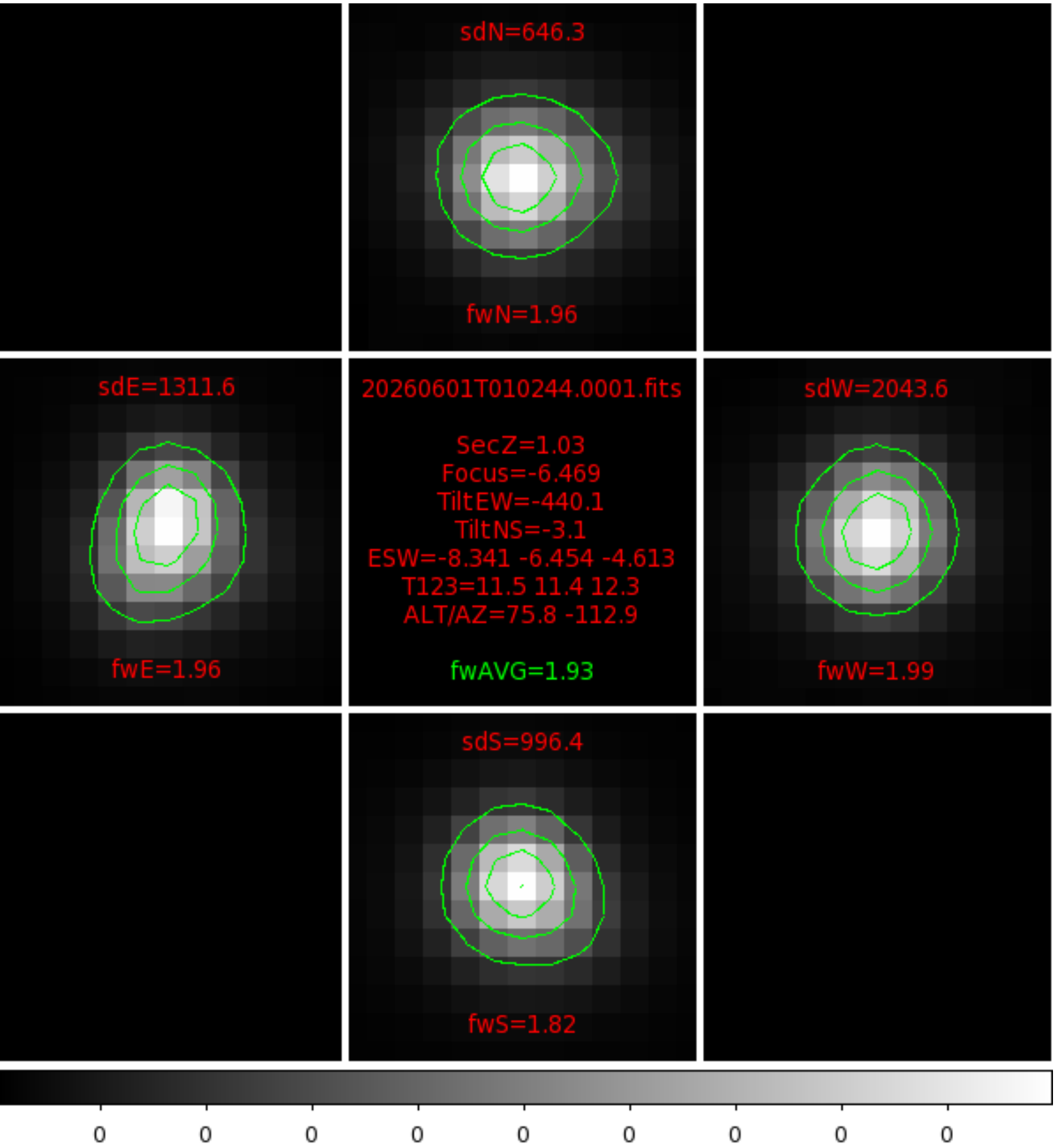
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SecZ=1.03
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.4 12.3
ALT/AZ=75.8 -112.9
fwAVG=1.93
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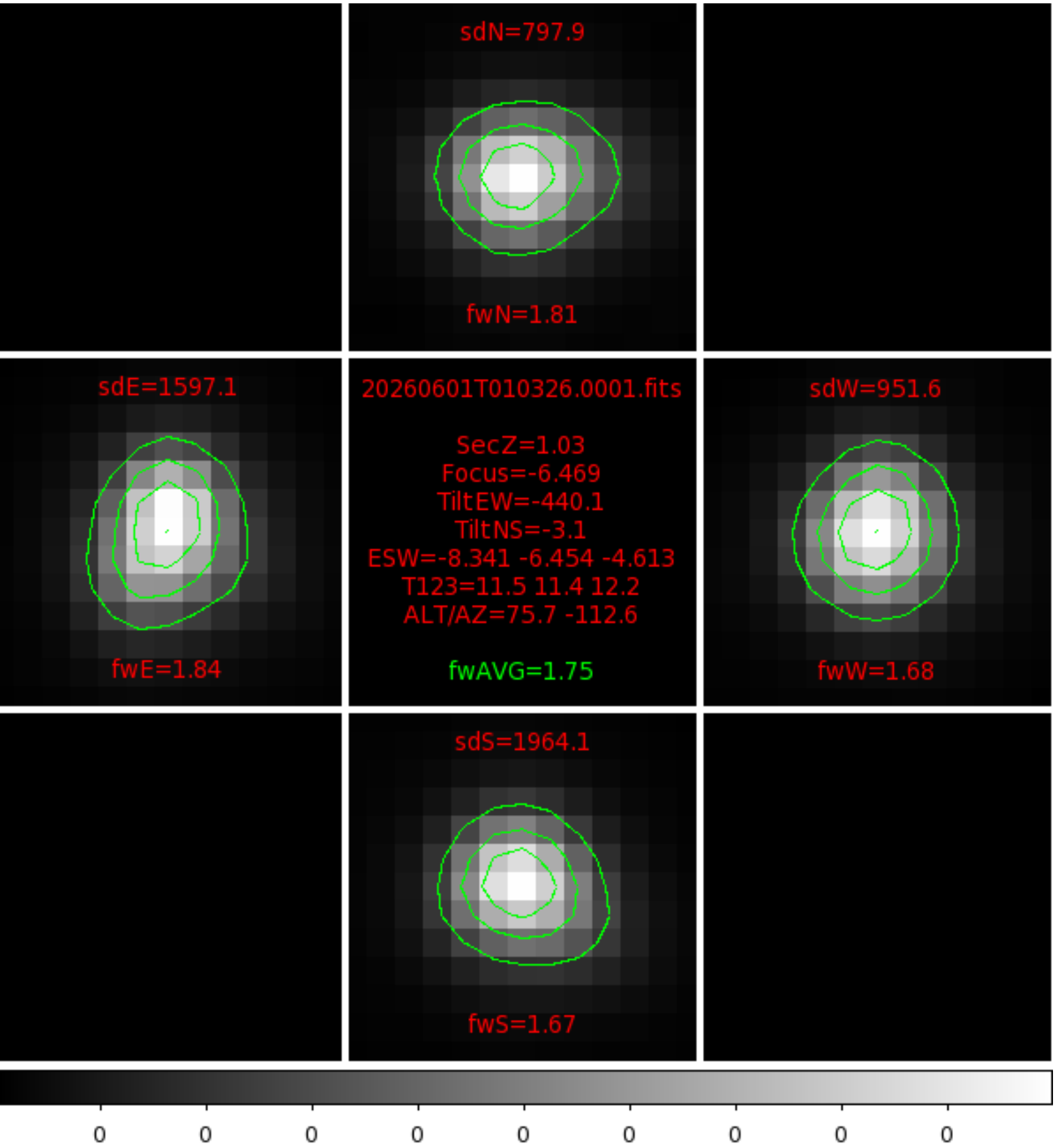
sdN=797.9
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SecZ=1.03
Focus=-6.469
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ESW=-8.341 -6.454 -4.613
T123=11.5 11.4 12.2
ALT/AZ=75.7 -112.6
fwAVG=1.75
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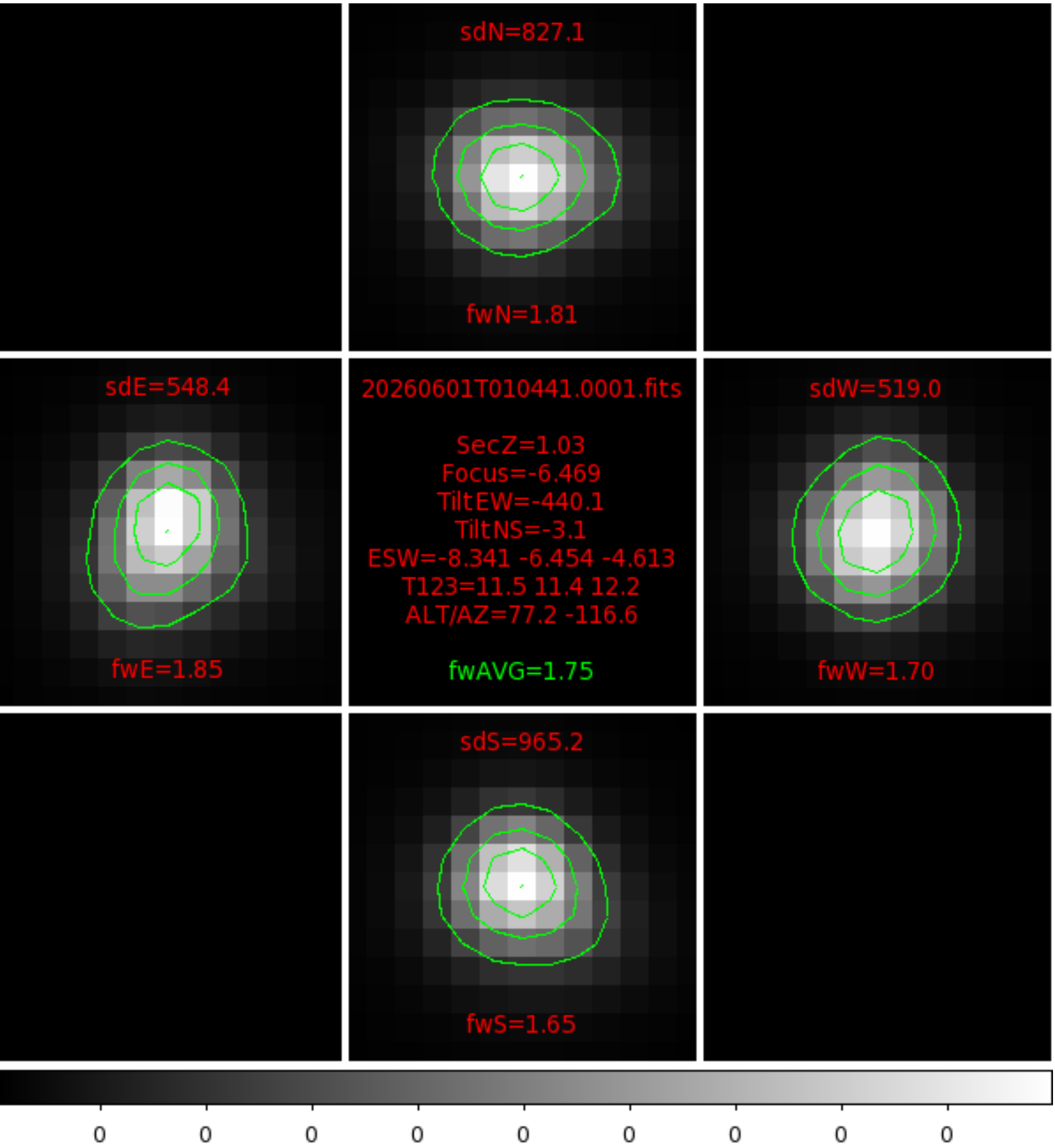
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SecZ=1.03
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ESW=-8.341 -6.454 -4.613
T123=11.5 11.4 12.2
ALT/AZ=77.2 -116.6
fwAVG=1.75
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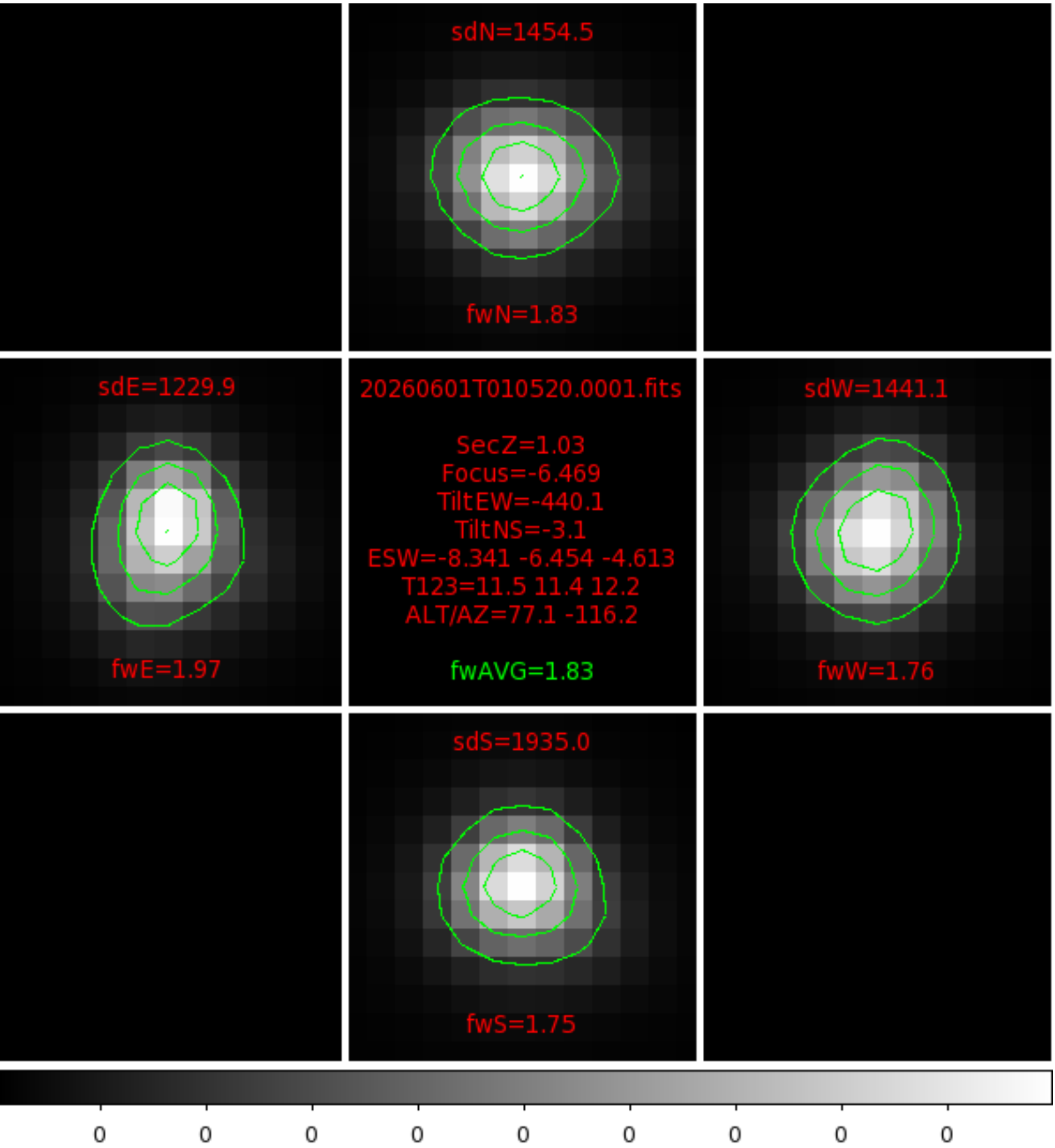
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SecZ=1.03
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ESW=-8.341 -6.454 -4.613
T123=11.5 11.4 12.2
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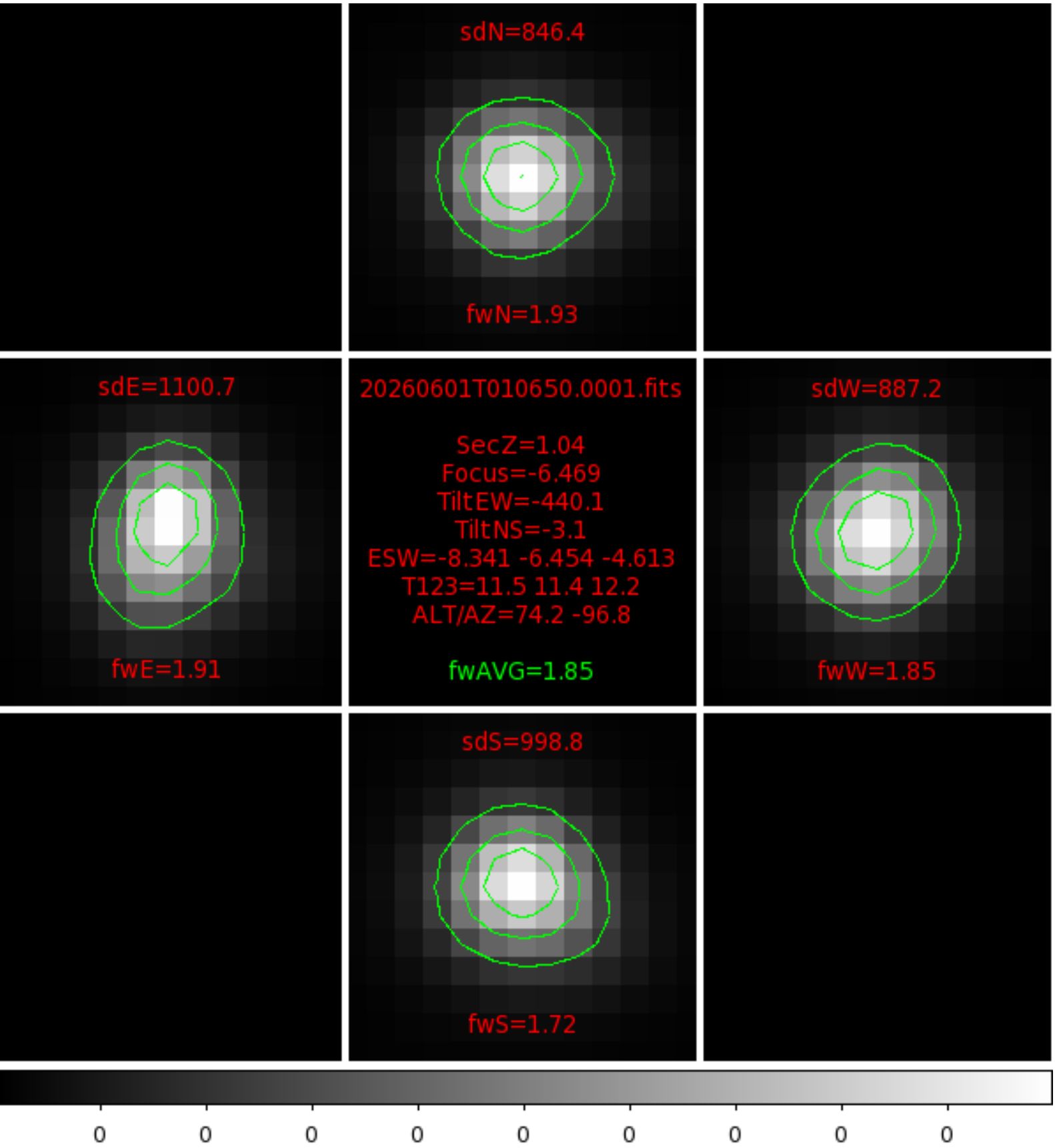
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ESW=-8.341 -6.454 -4.613
T123=11.5 11.4 12.2
ALT/AZ=74.2 -96.8
fwAVG=1.85
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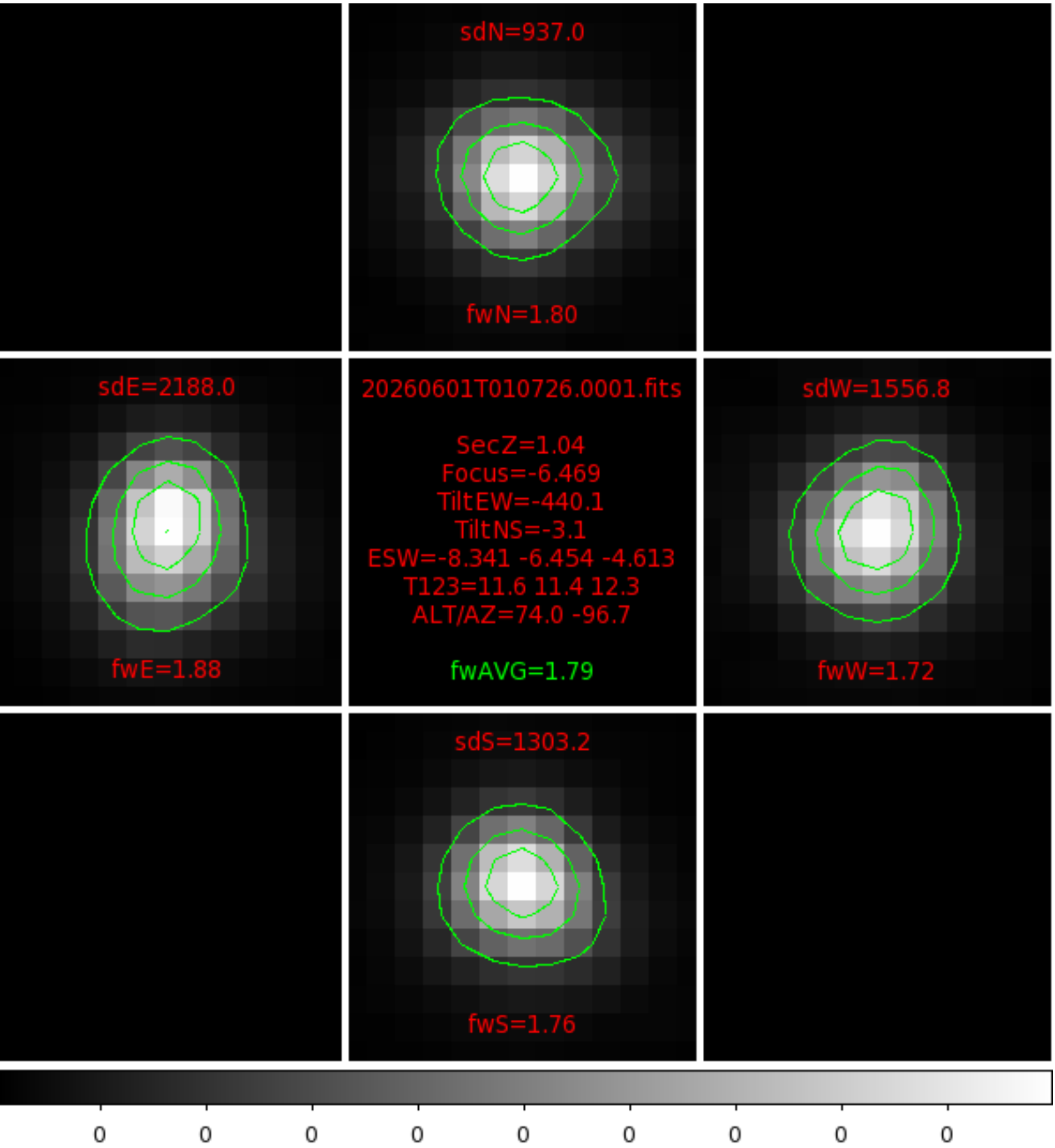
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SecZ=1.04
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.4 12.3
ALT/AZ=74.0 -96.7
fwAVG=1.79
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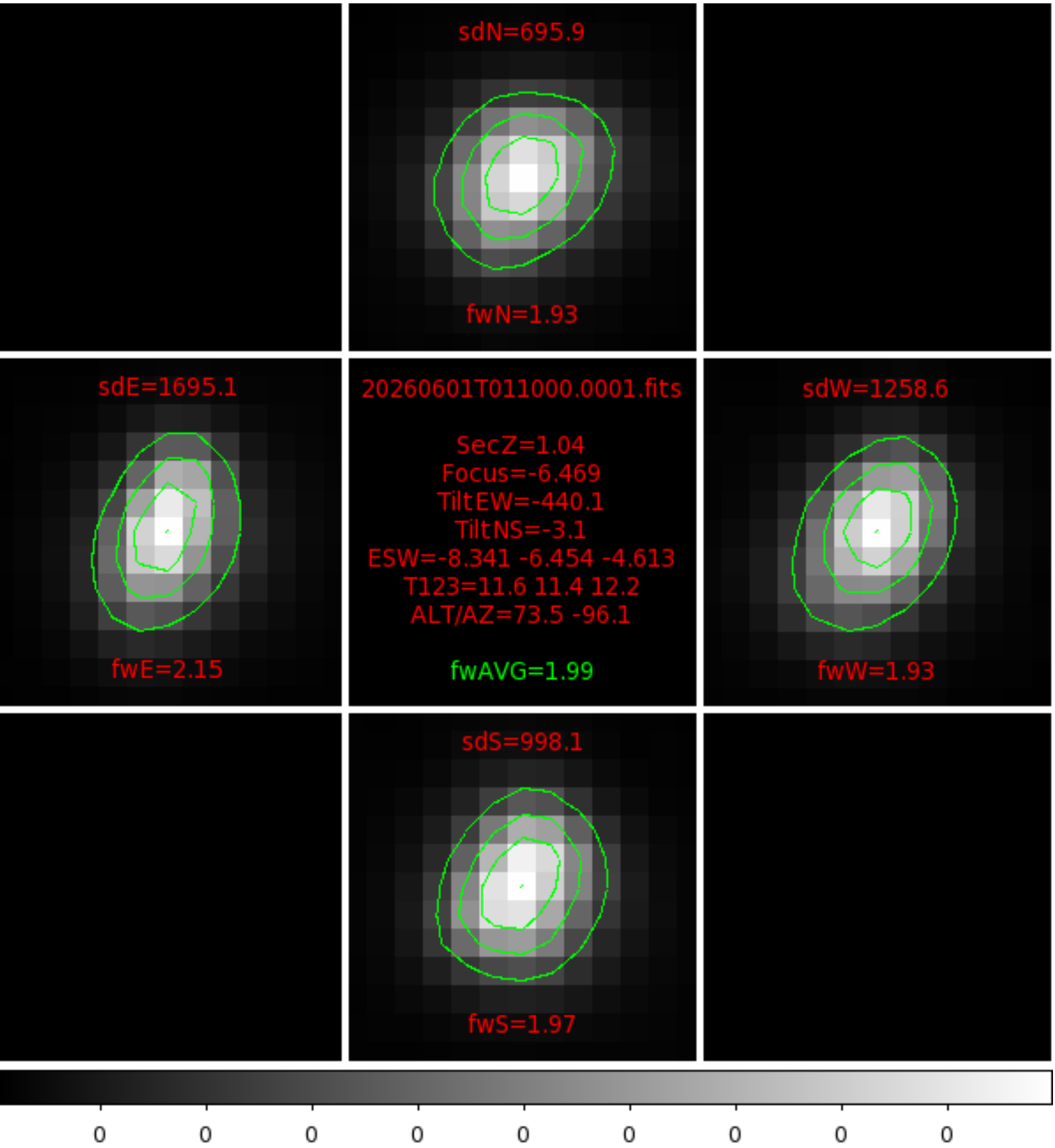
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ESW=-8.341 -6.454 -4.613
T123=11.6 11.4 12.2
ALT/AZ=73.5 -96.1
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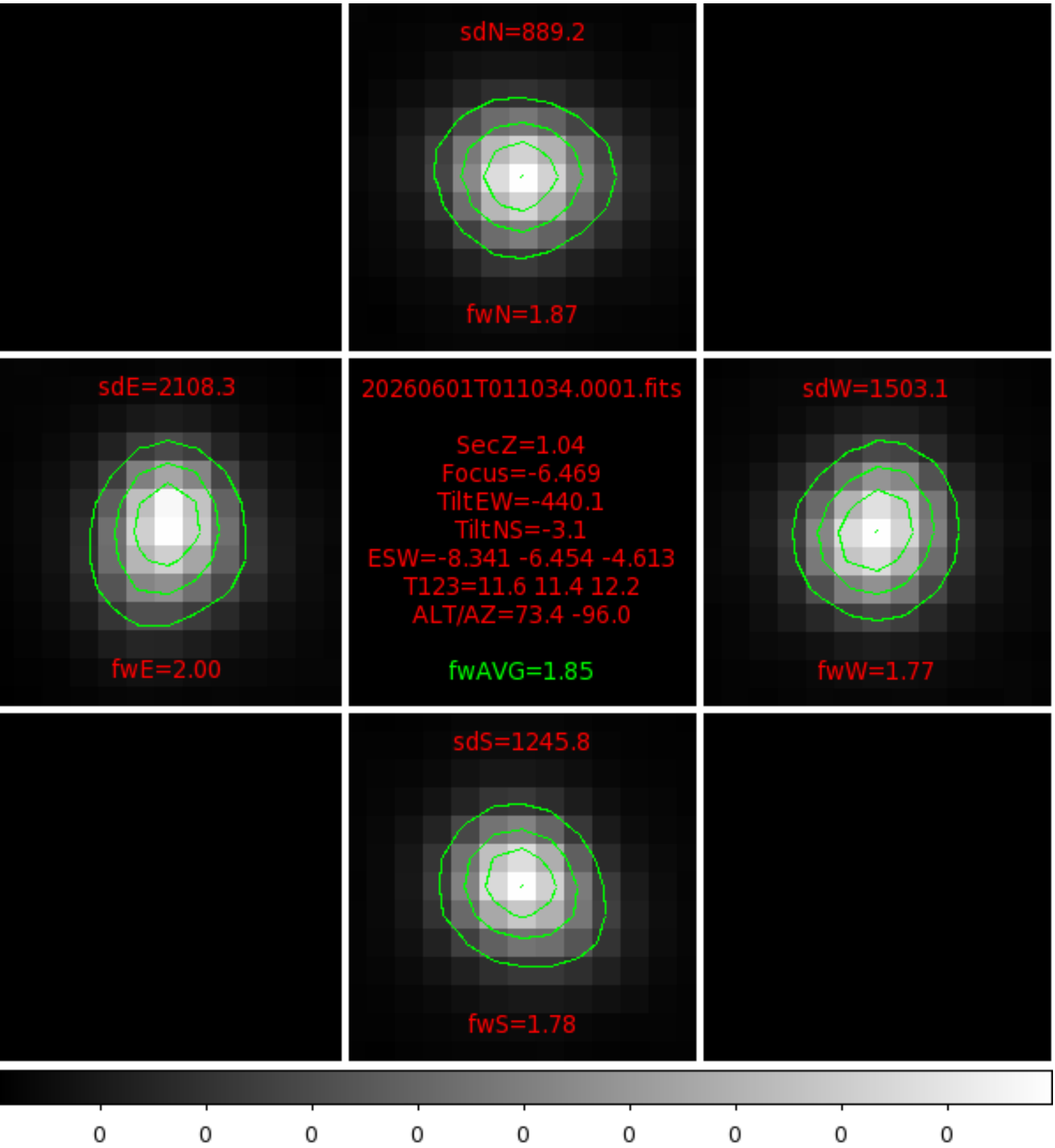
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.4 12.2
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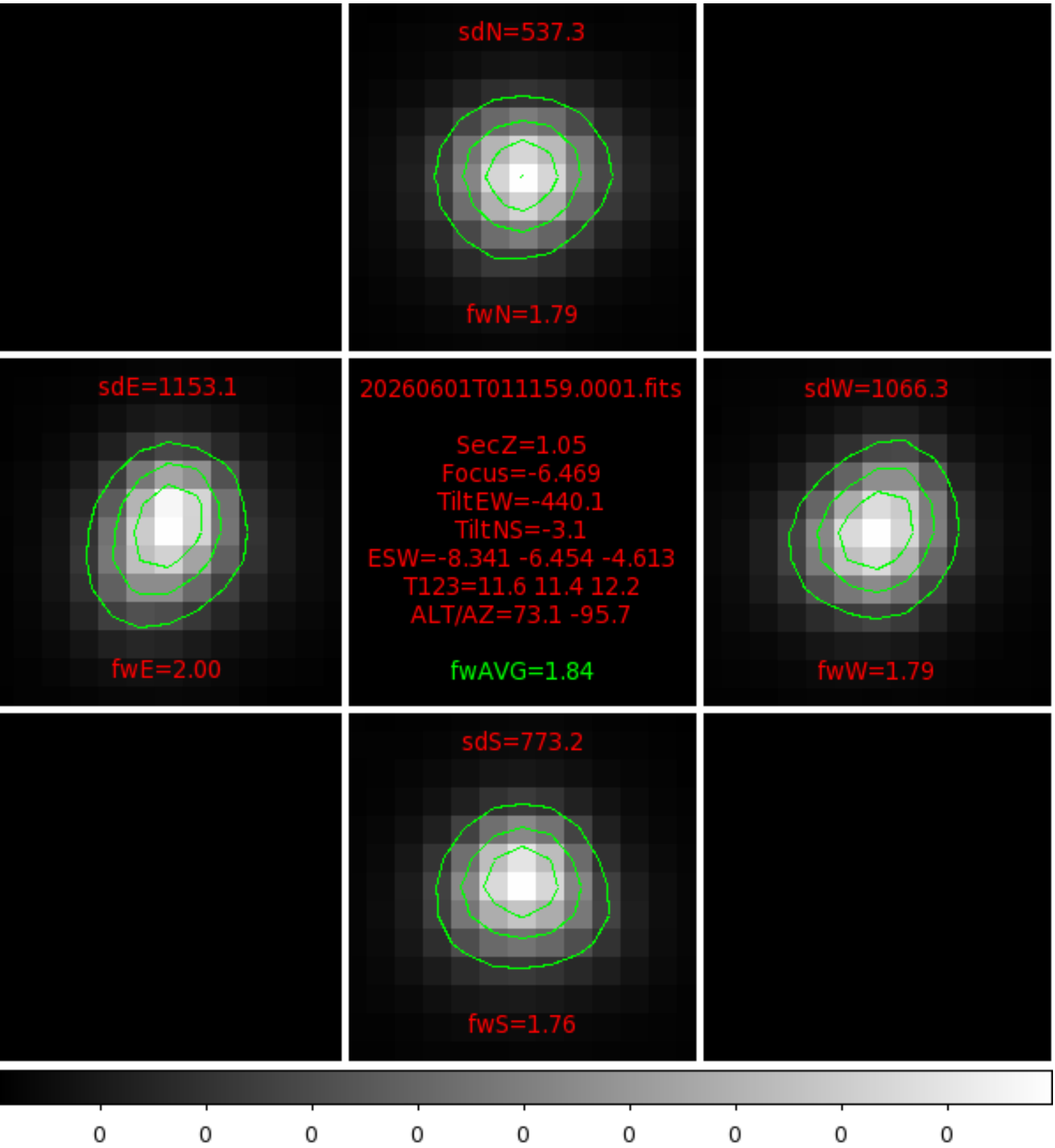
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.4 12.2
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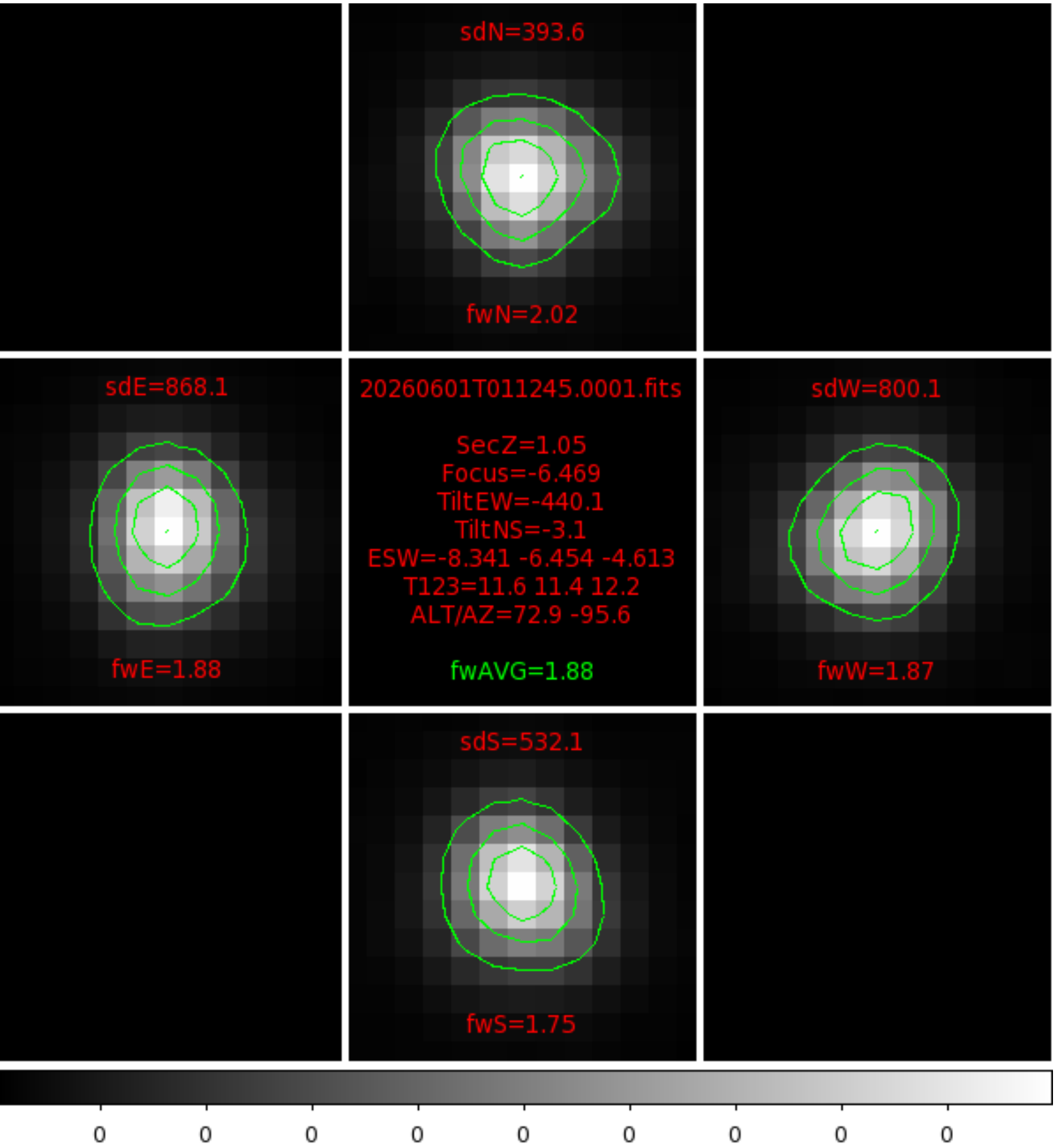
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ESW=-8.341 -6.454 -4.613
T123=11.6 11.4 12.2
ALT/AZ=72.9 -95.6
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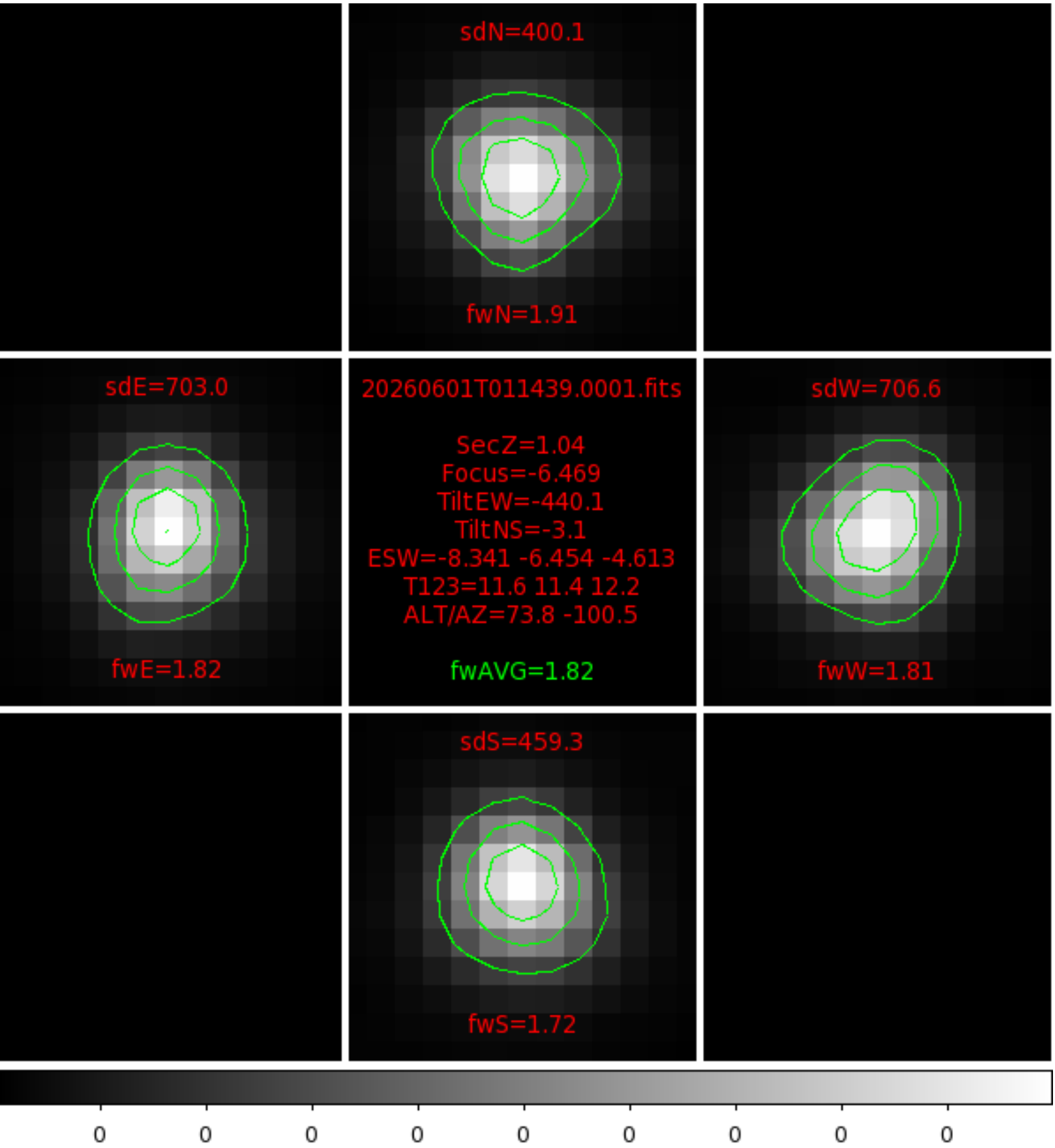
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T123=11.6 11.4 12.2
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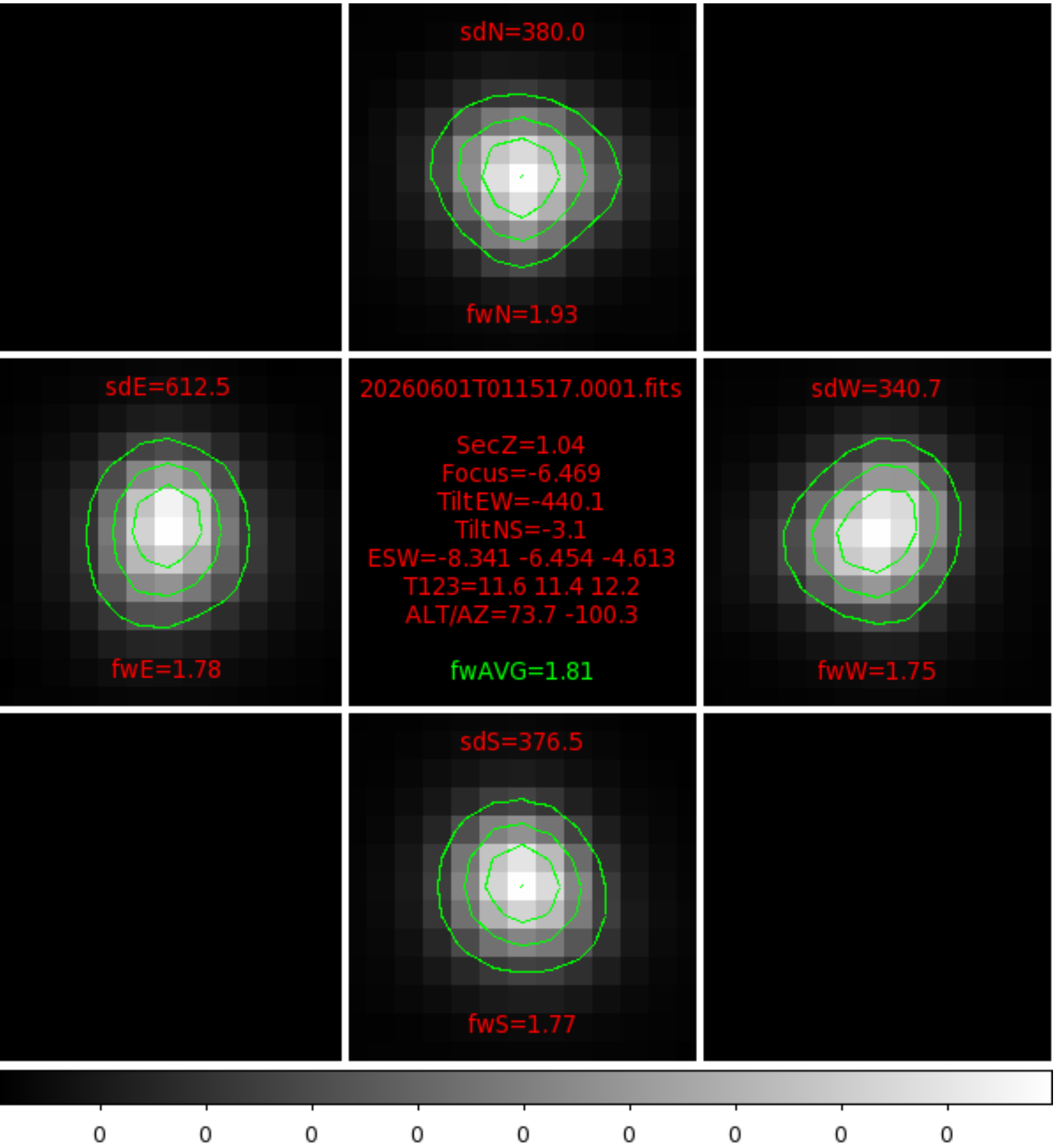
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T123=11.6 11.4 12.2
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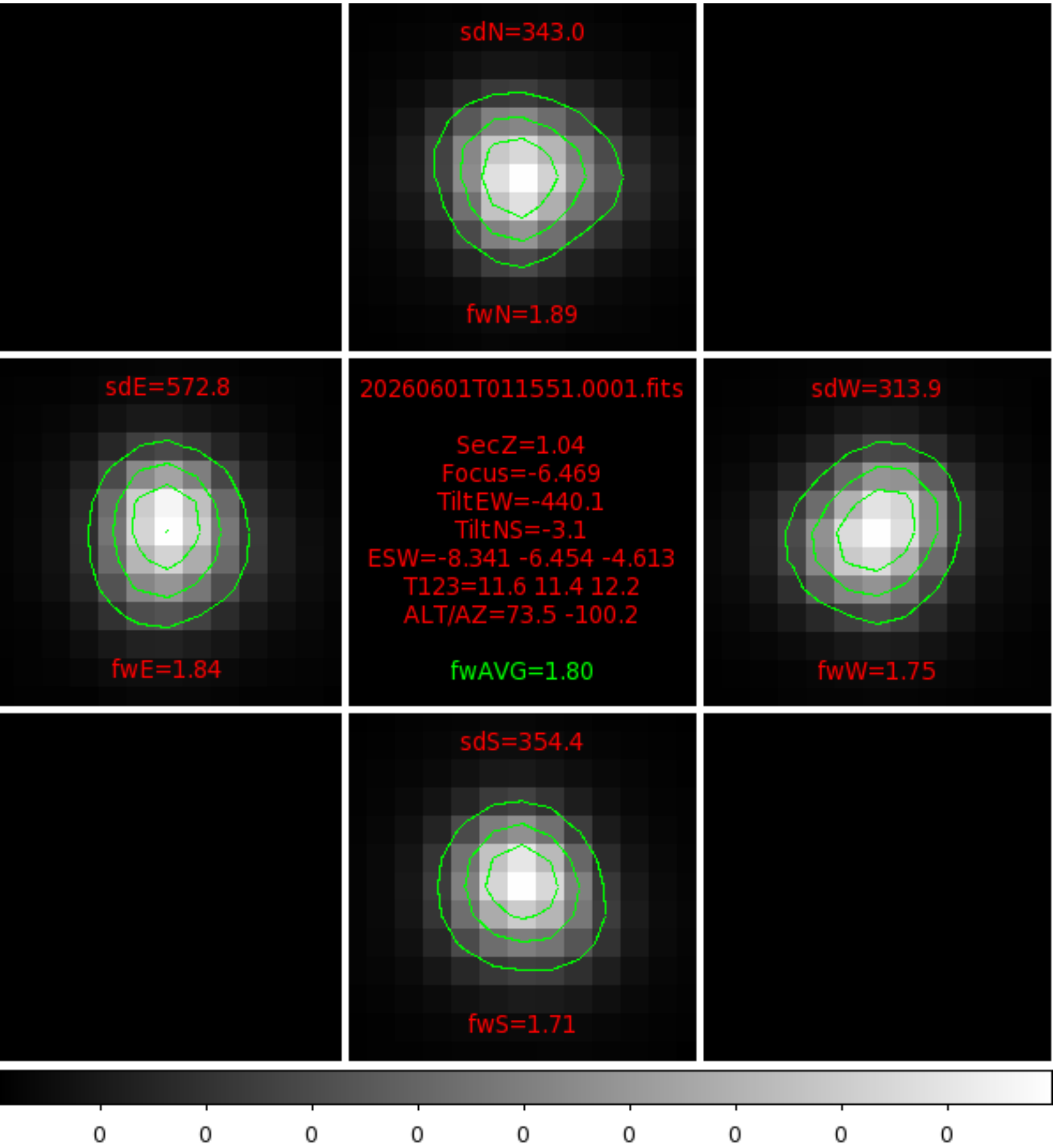
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ESW=-8.341 -6.454 -4.613
T123=11.6 11.4 12.2
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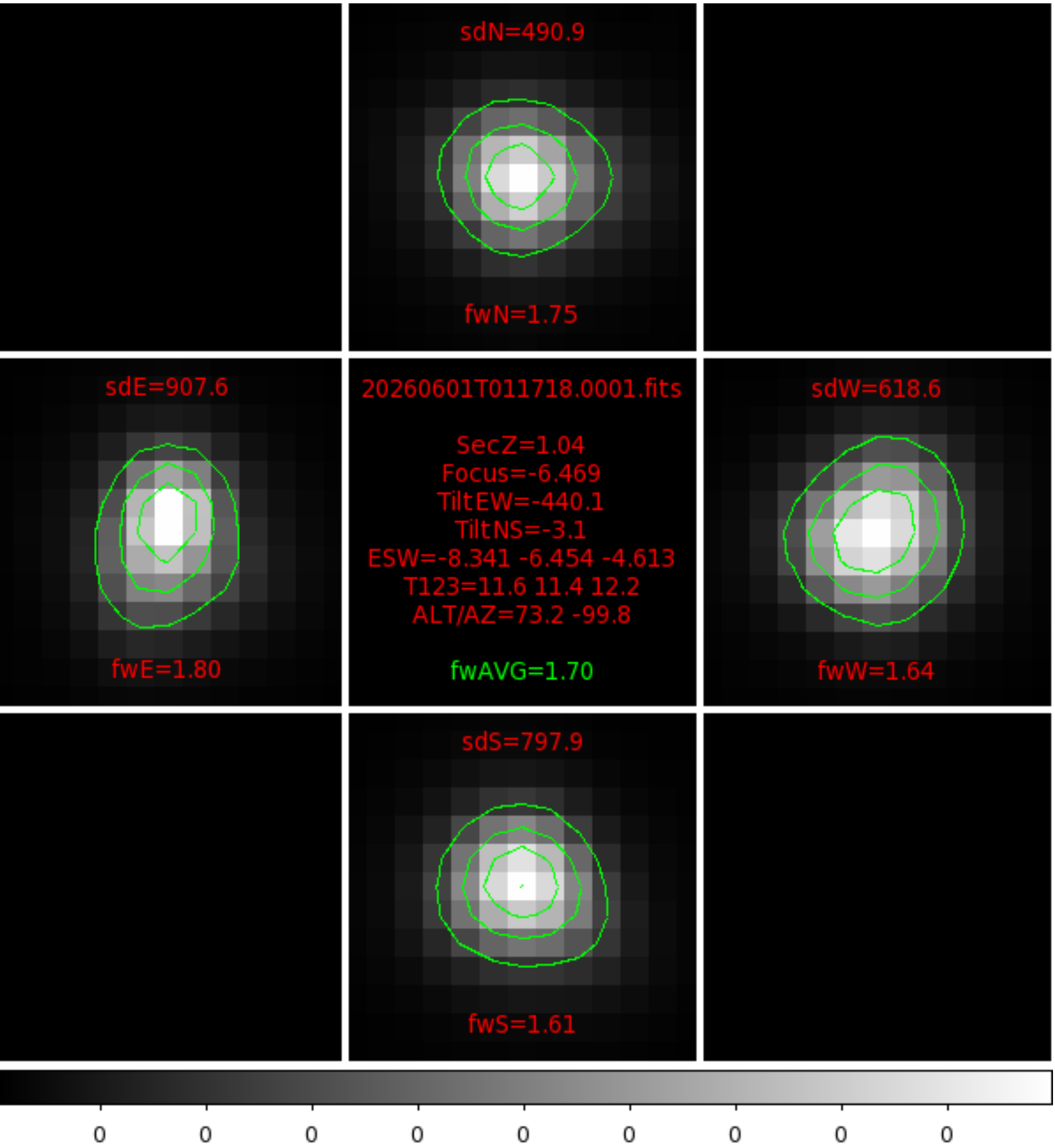
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ESW=-8.341 -6.454 -4.613
T123=11.6 11.4 12.2
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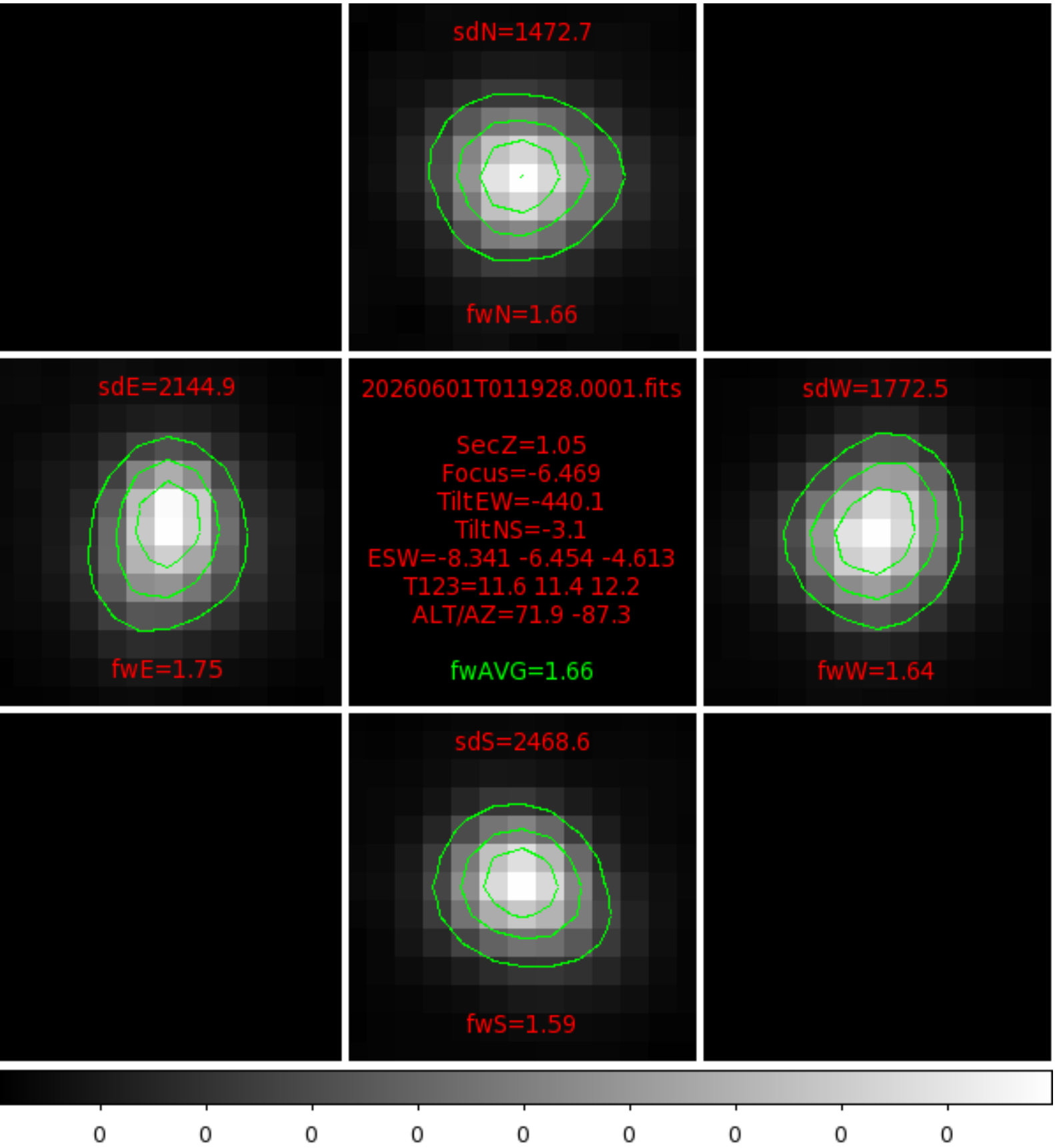
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.4 12.2
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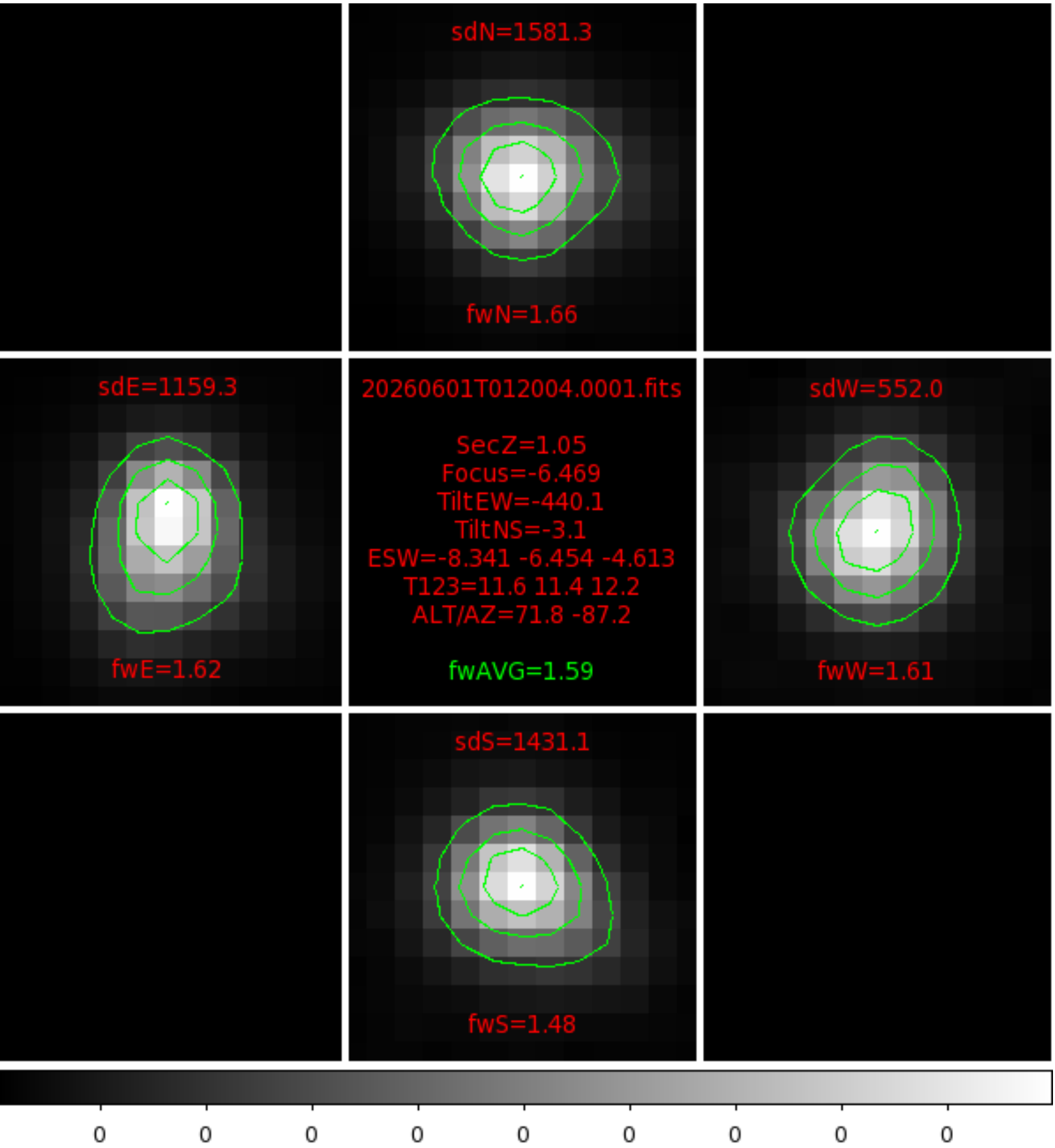
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SecZ=1.05
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TiltEW=-440.1
TiltNS=-3.1
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T123=11.6 11.4 12.2
ALT/AZ=71.8 -87.2
fwAVG=1.59
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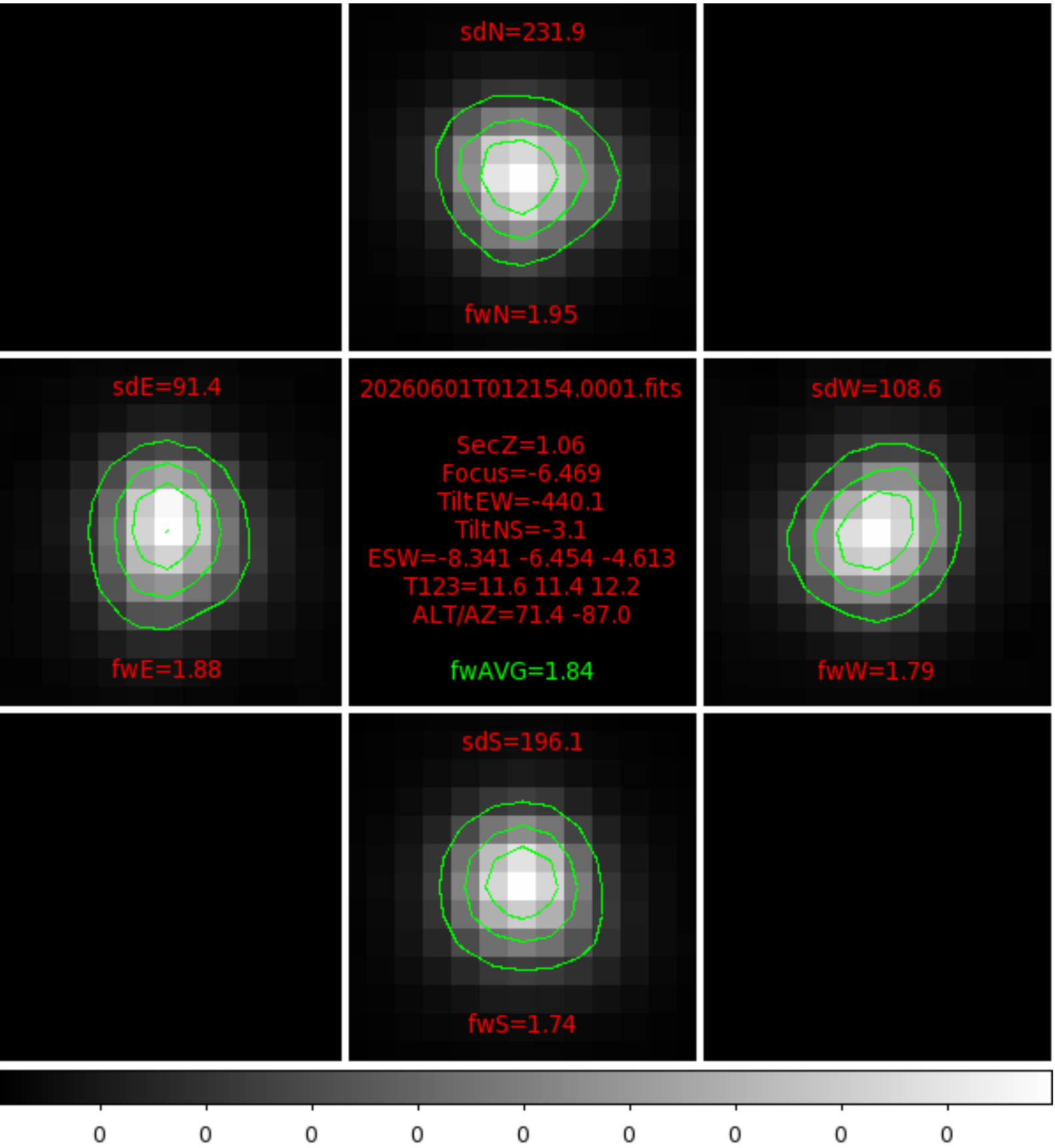
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TiltNS=-3.1
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T123=11.6 11.4 12.2
ALT/AZ=71.4 -87.0
fwAVG=1.84
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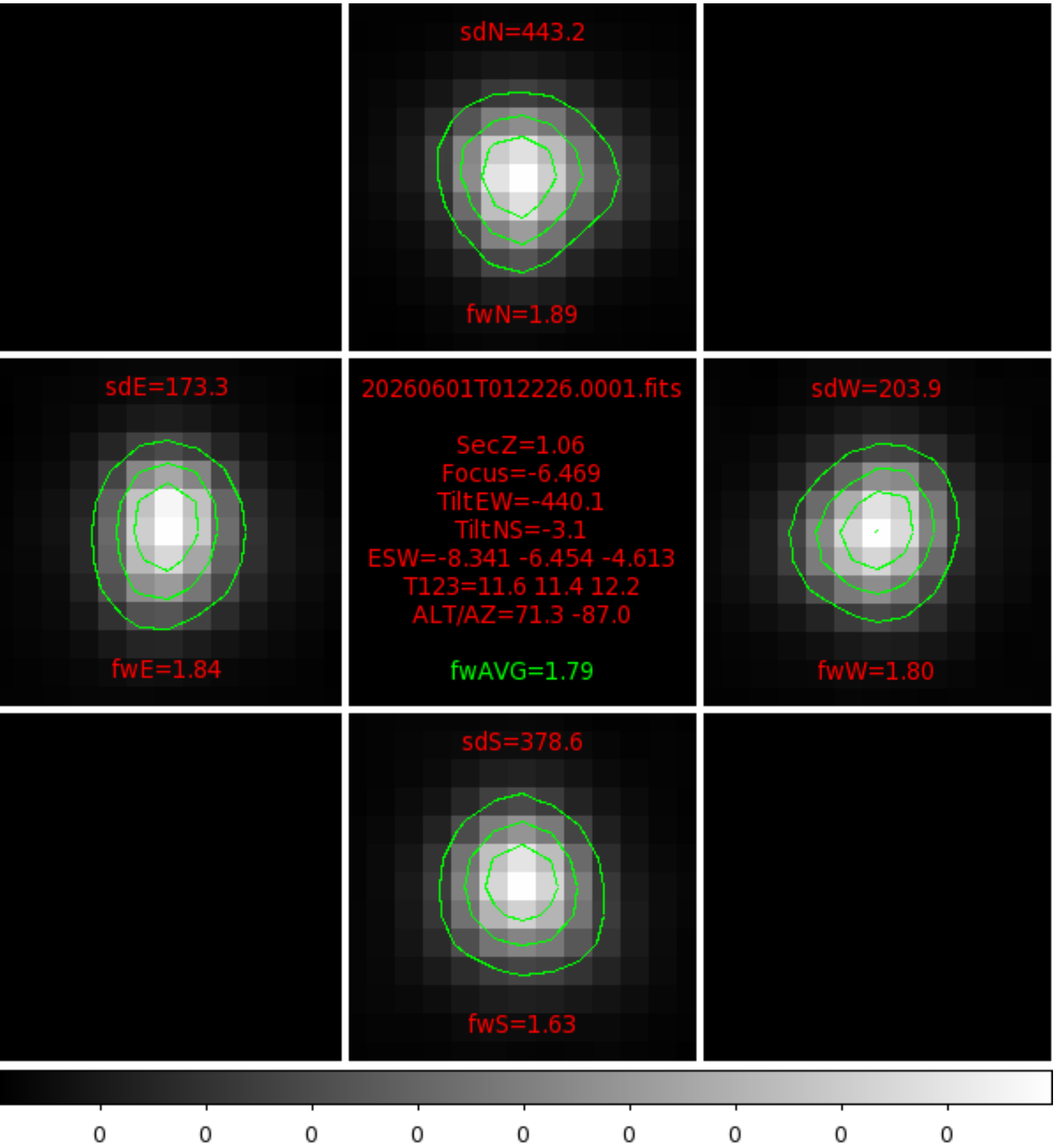
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SecZ=1.06
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TiltNS=-3.1
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T123=11.6 11.4 12.2
ALT/AZ=71.3 -87.0
fwAVG=1.79
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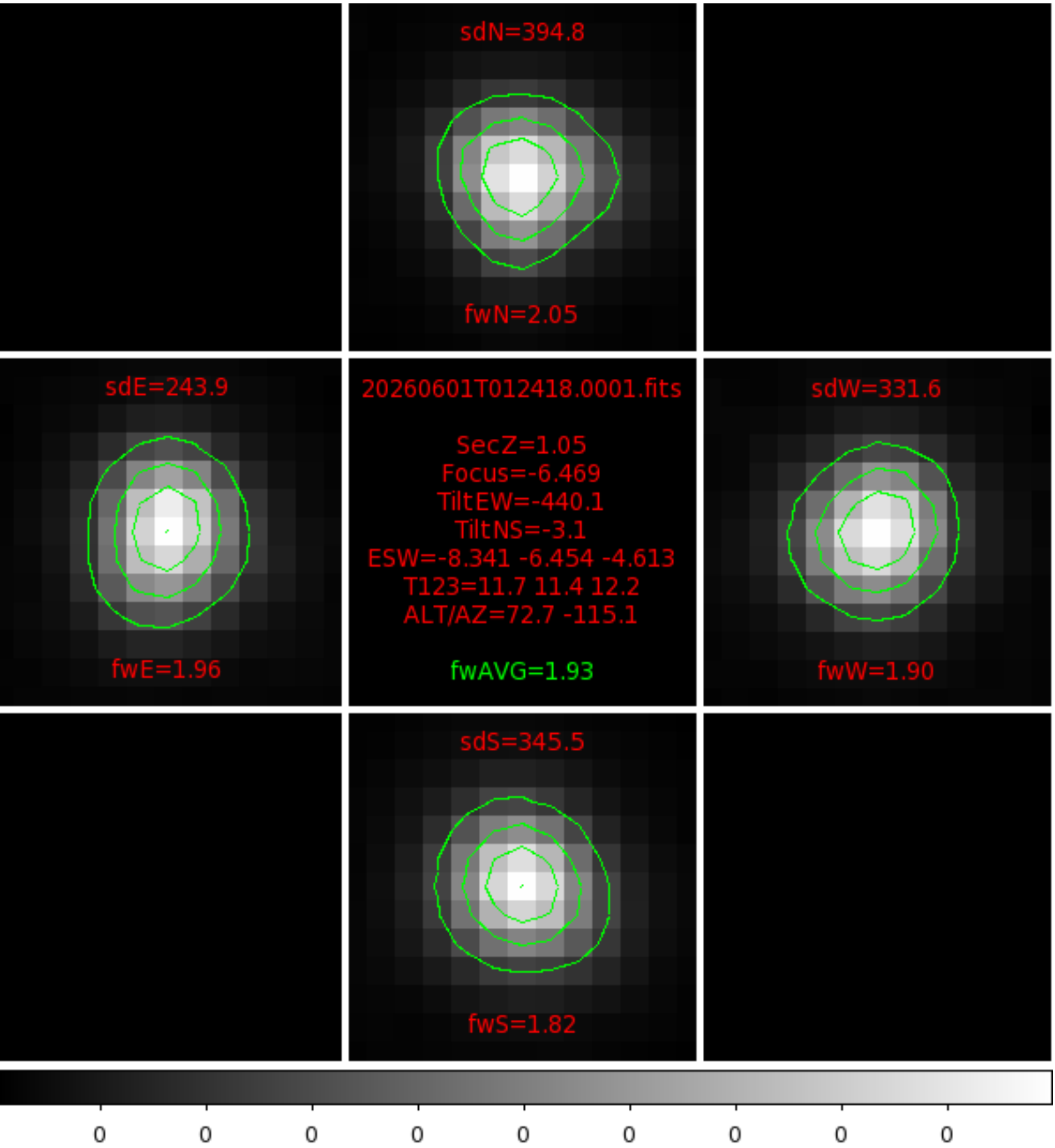
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SecZ=1.05
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ESW=-8.341 -6.454 -4.613
T123=11.7 11.4 12.2
ALT/AZ=72.7 -115.1
fwAVG=1.93
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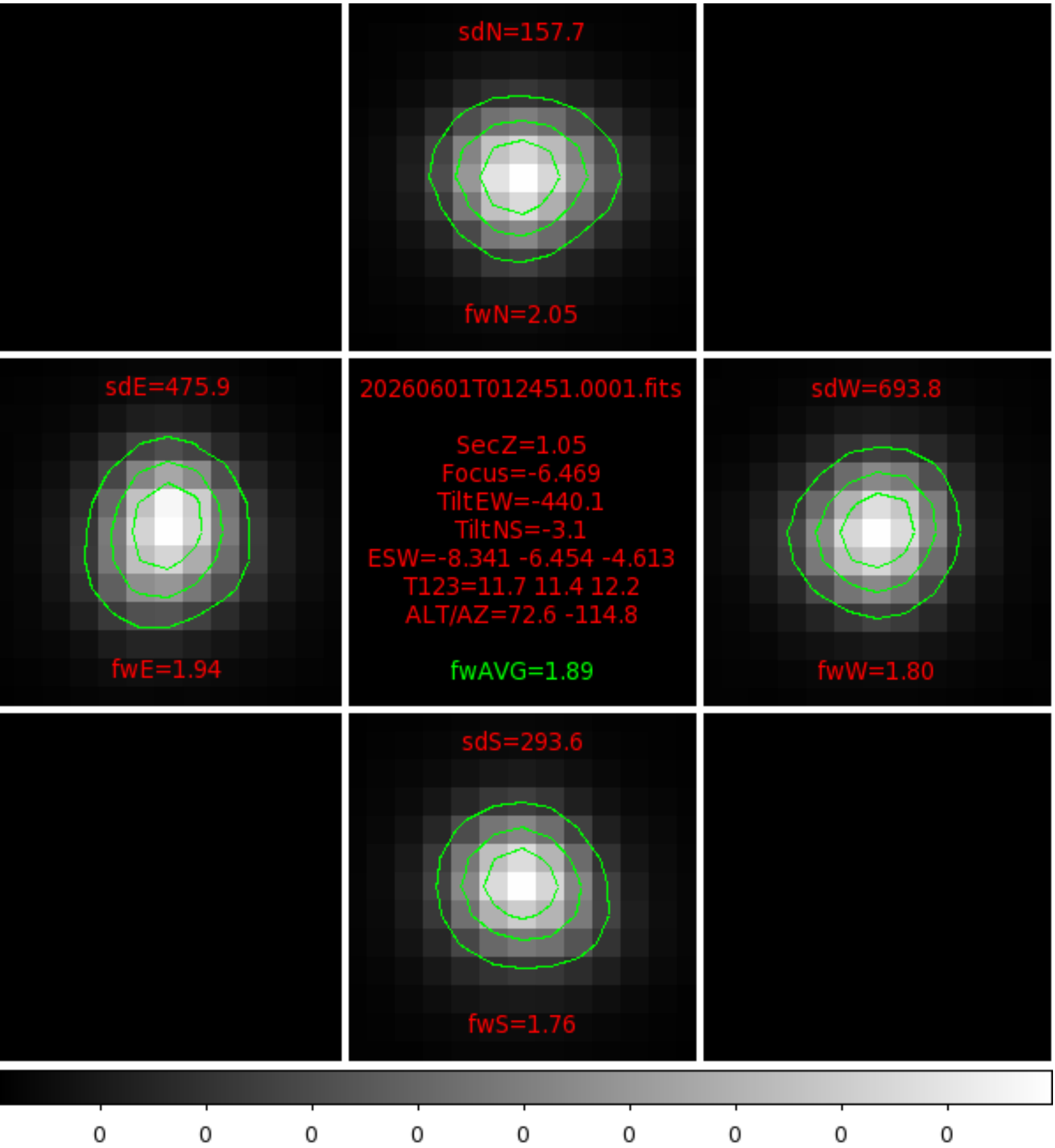
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T123=11.7 11.4 12.2
ALT/AZ=72.6 -114.8
fwAVG=1.89
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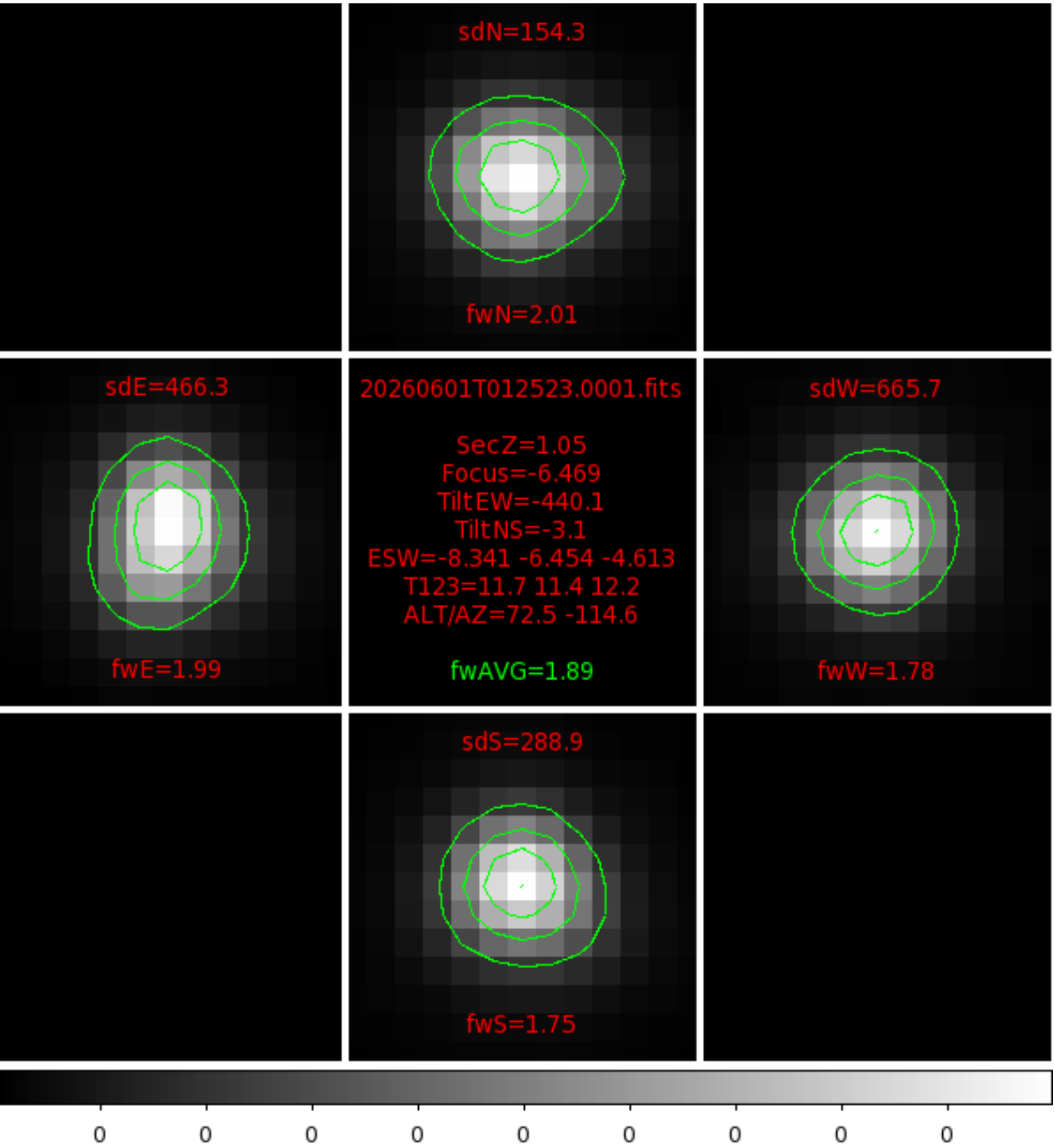
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ESW=-8.341 -6.454 -4.613
T123=11.7 11.4 12.2
ALT/AZ=72.5 -114.6
fwAVG=1.89
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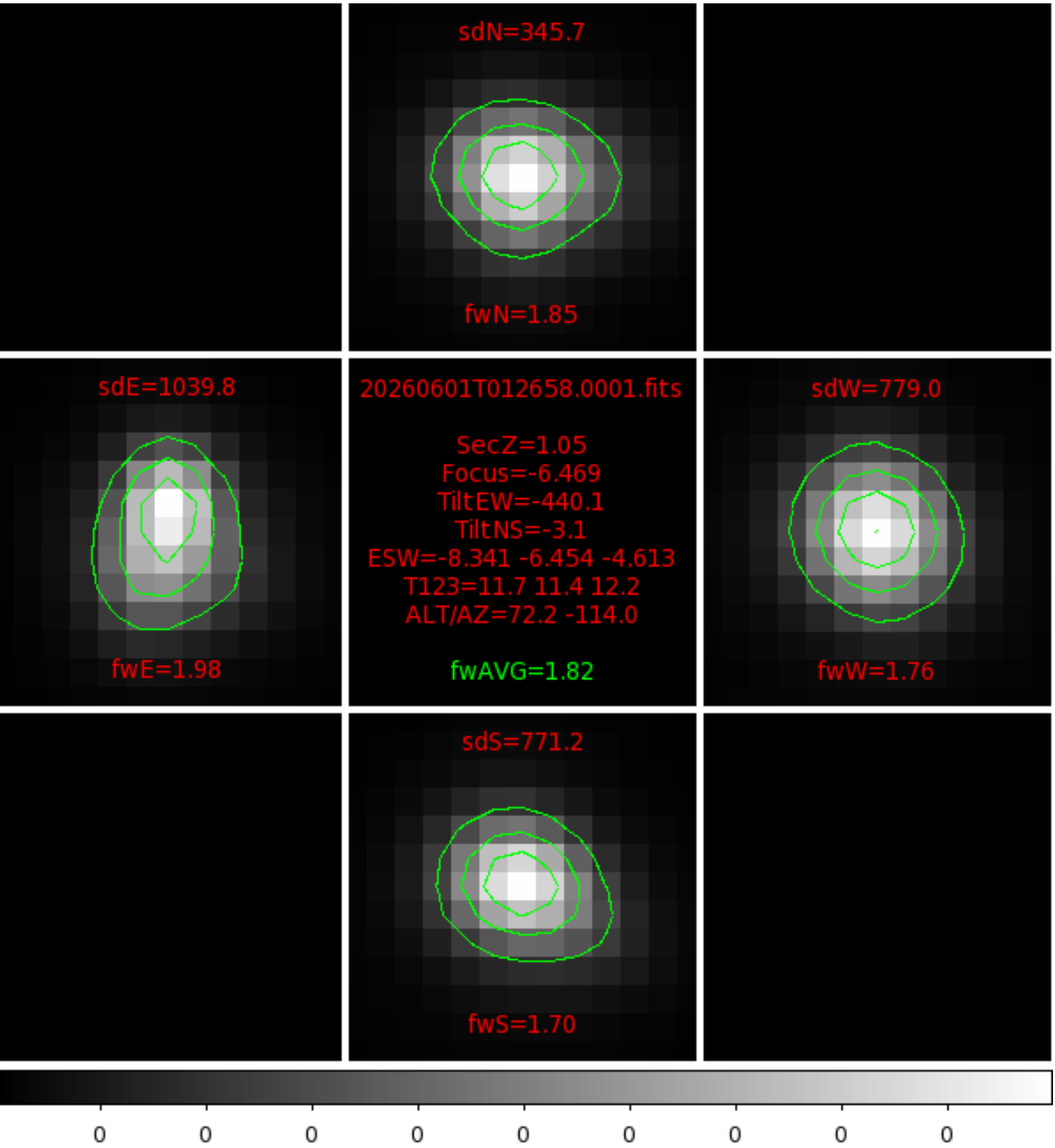
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.7 11.4 12.2
ALT/AZ=72.2 -114.0
fwAVG=1.82
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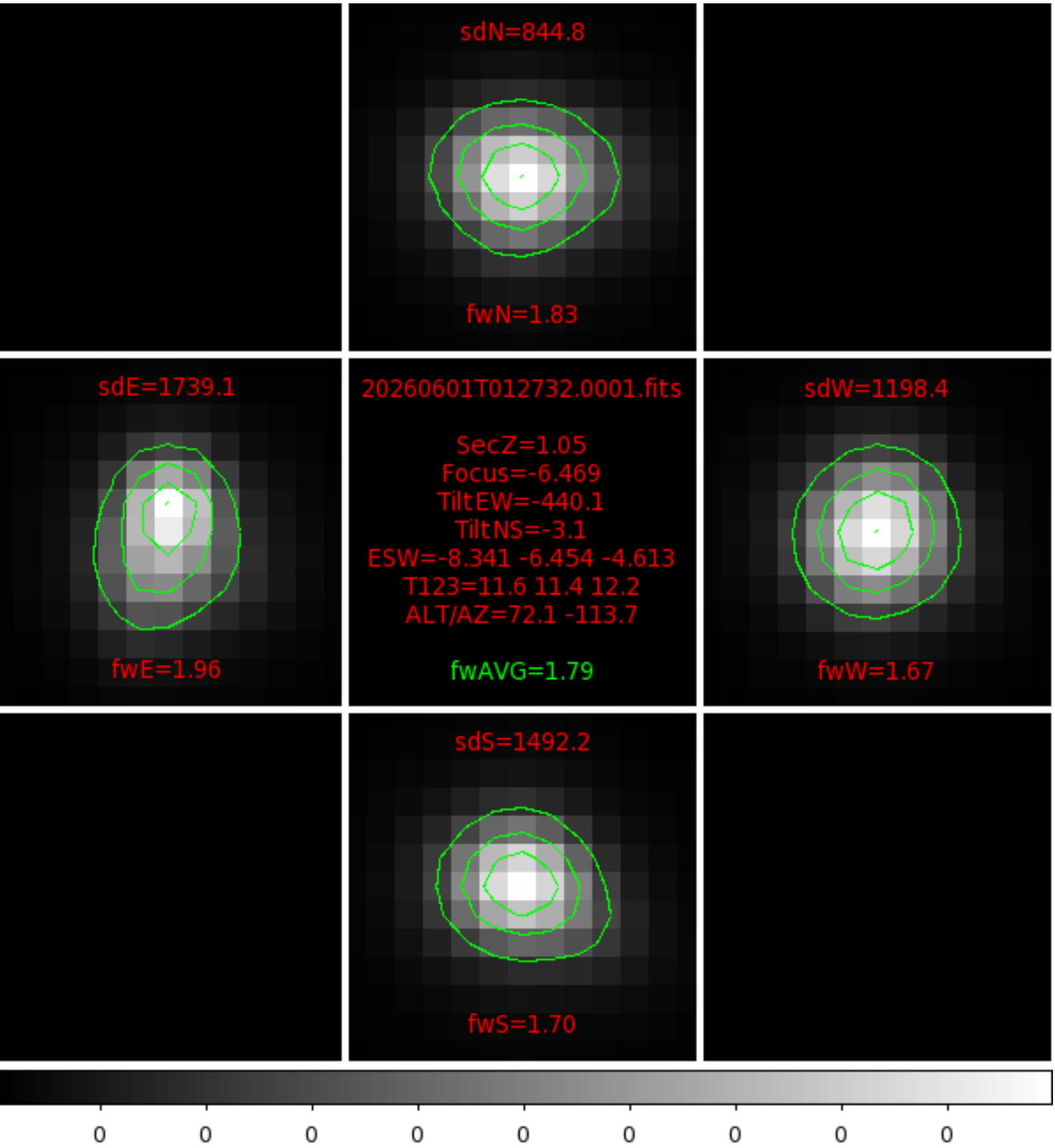
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.4 12.2
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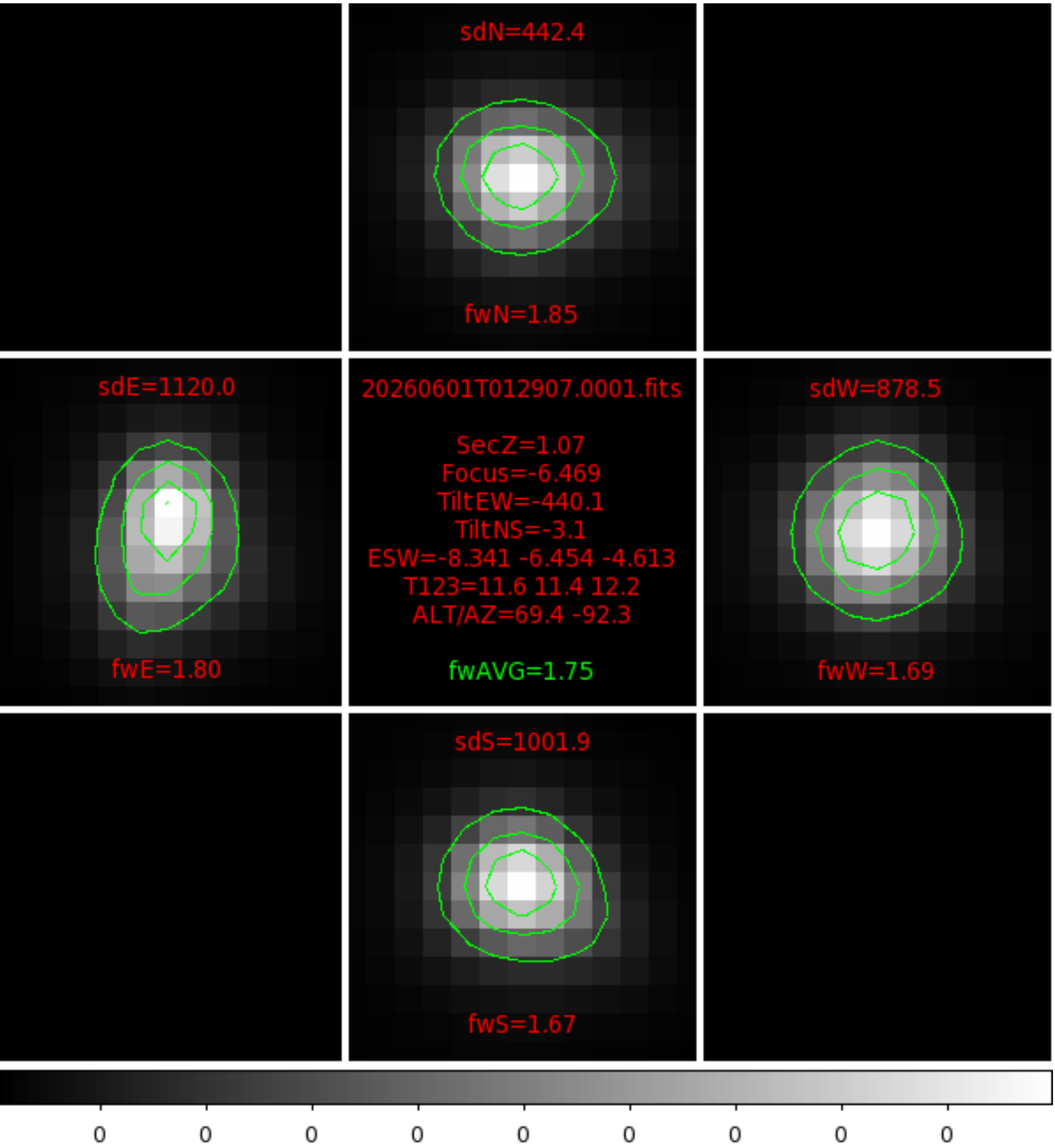
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TiltEW=-440.1
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ESW=-8.341 -6.454 -4.613
T123=11.6 11.4 12.2
ALT/AZ=69.4 -92.3
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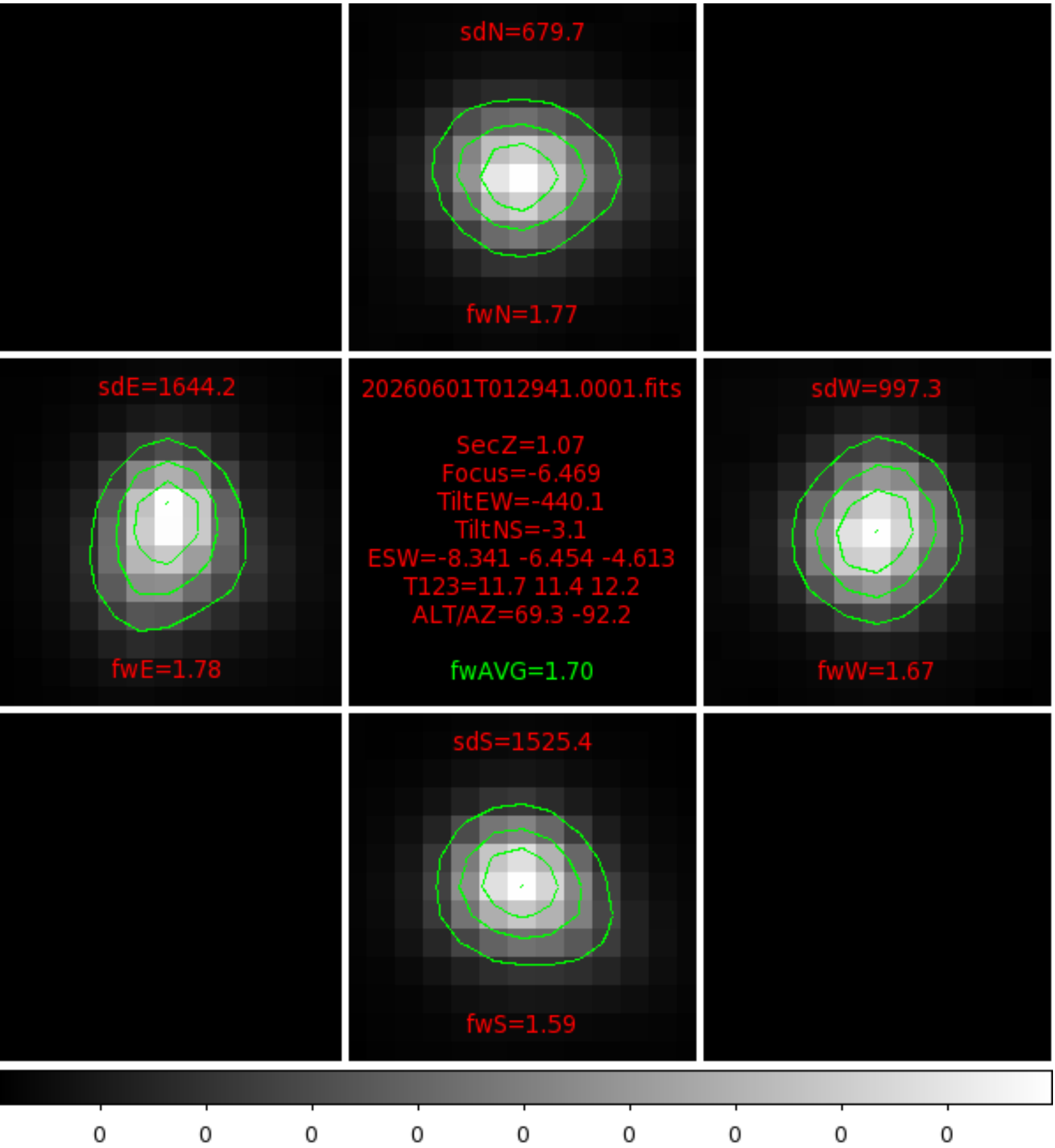
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.7 11.4 12.2
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fwAVG=1.70
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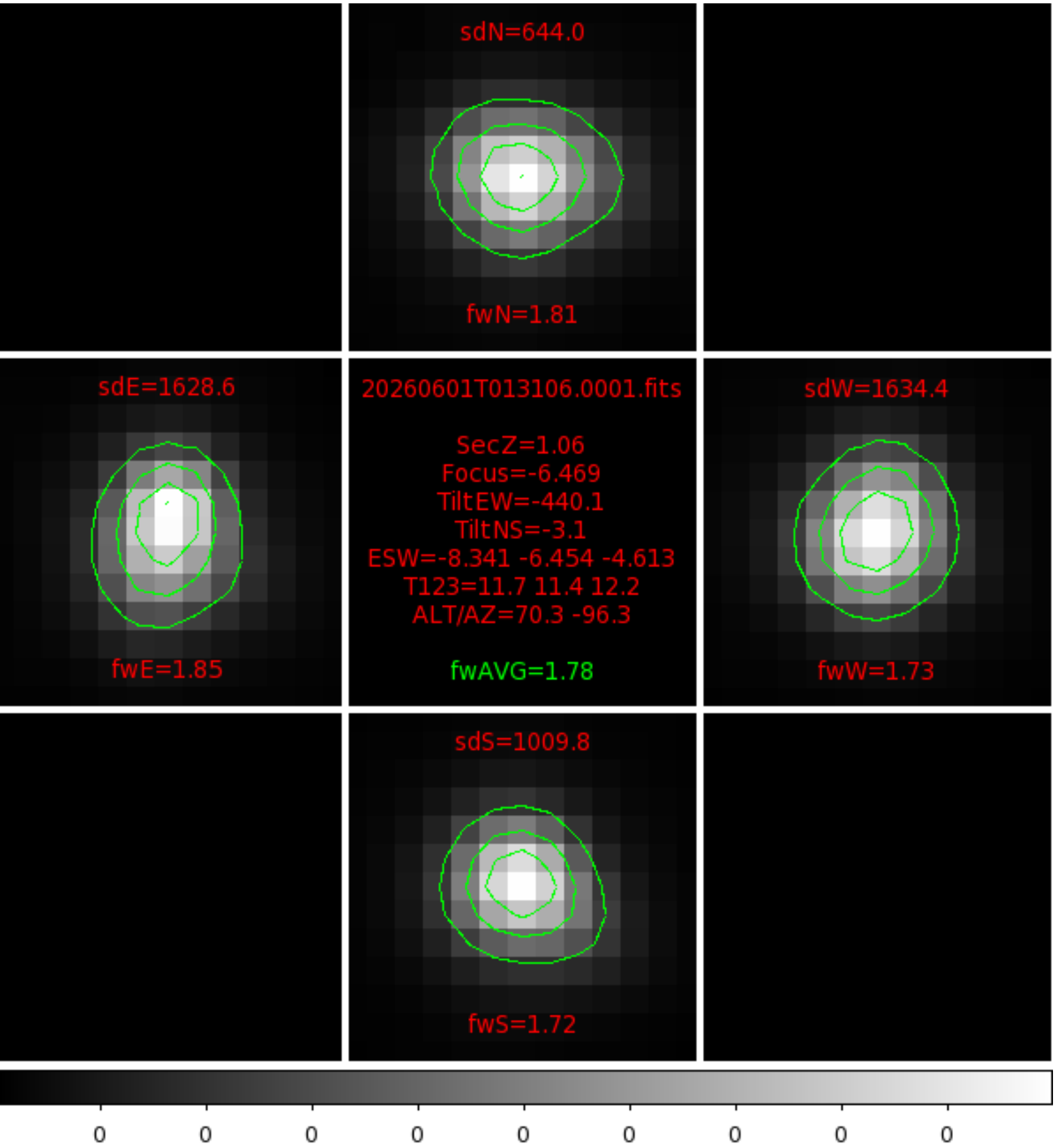
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SecZ=1.06
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.7 11.4 12.2
ALT/AZ=70.3 -96.3
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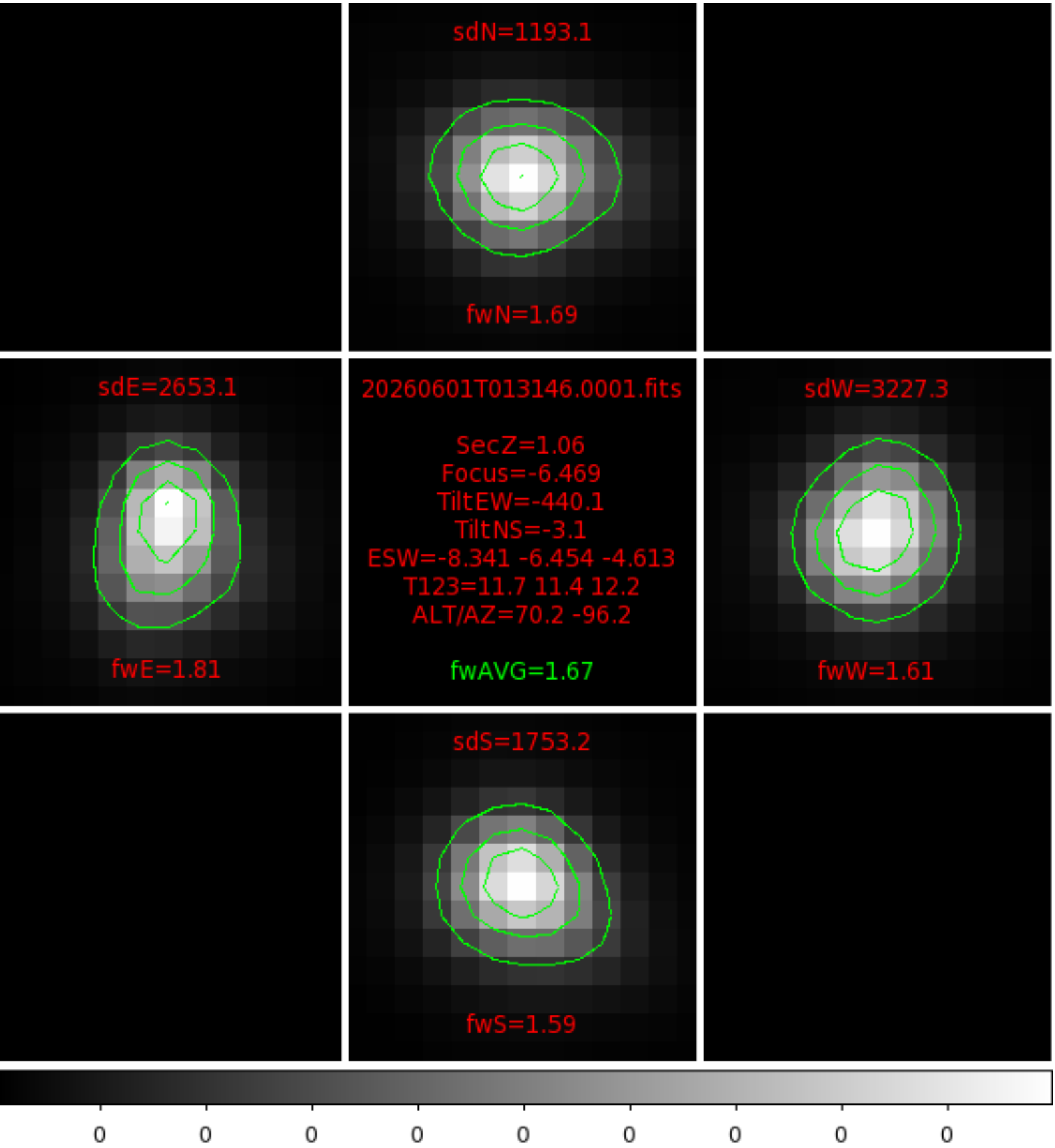
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ESW=-8.341 -6.454 -4.613
T123=11.7 11.4 12.2
ALT/AZ=70.2 -96.2
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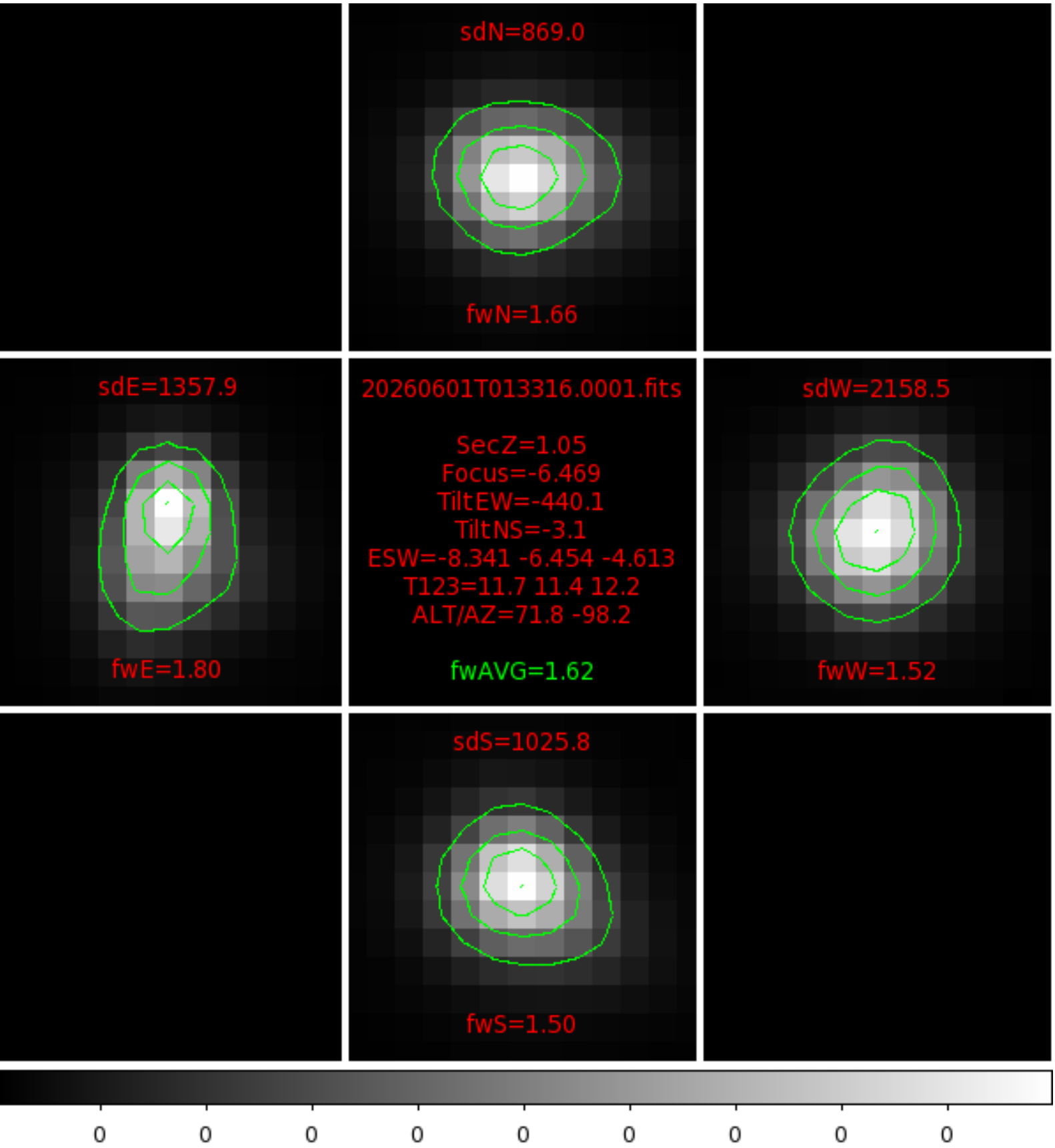
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SecZ=1.05
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.7 11.4 12.2
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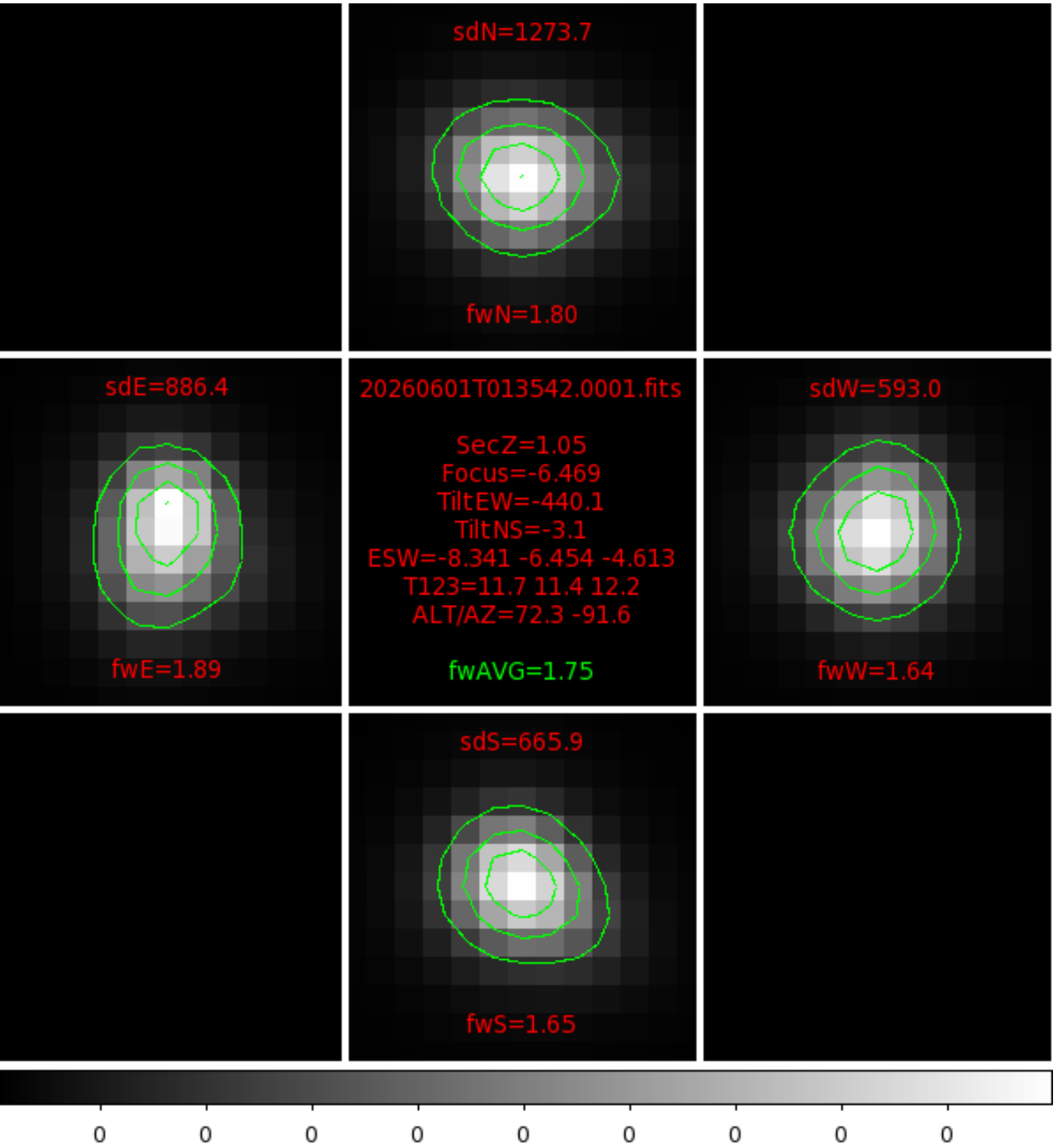
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SecZ=1.05
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.7 11.4 12.2
ALT/AZ=72.3 -91.6
fwAVG=1.75
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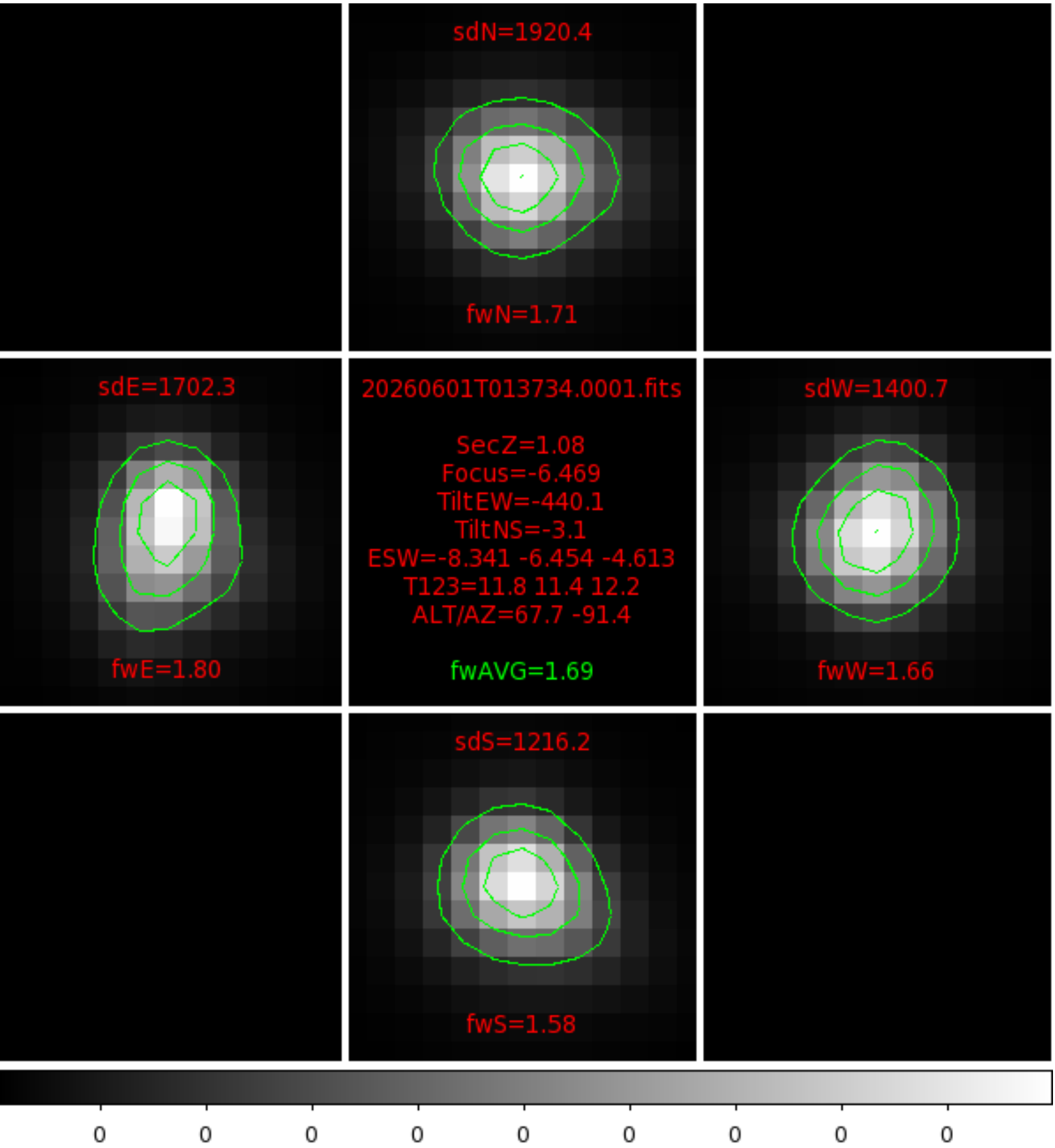
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ESW=-8.341 -6.454 -4.613
T123=11.8 11.4 12.2
ALT/AZ=67.7 -91.4
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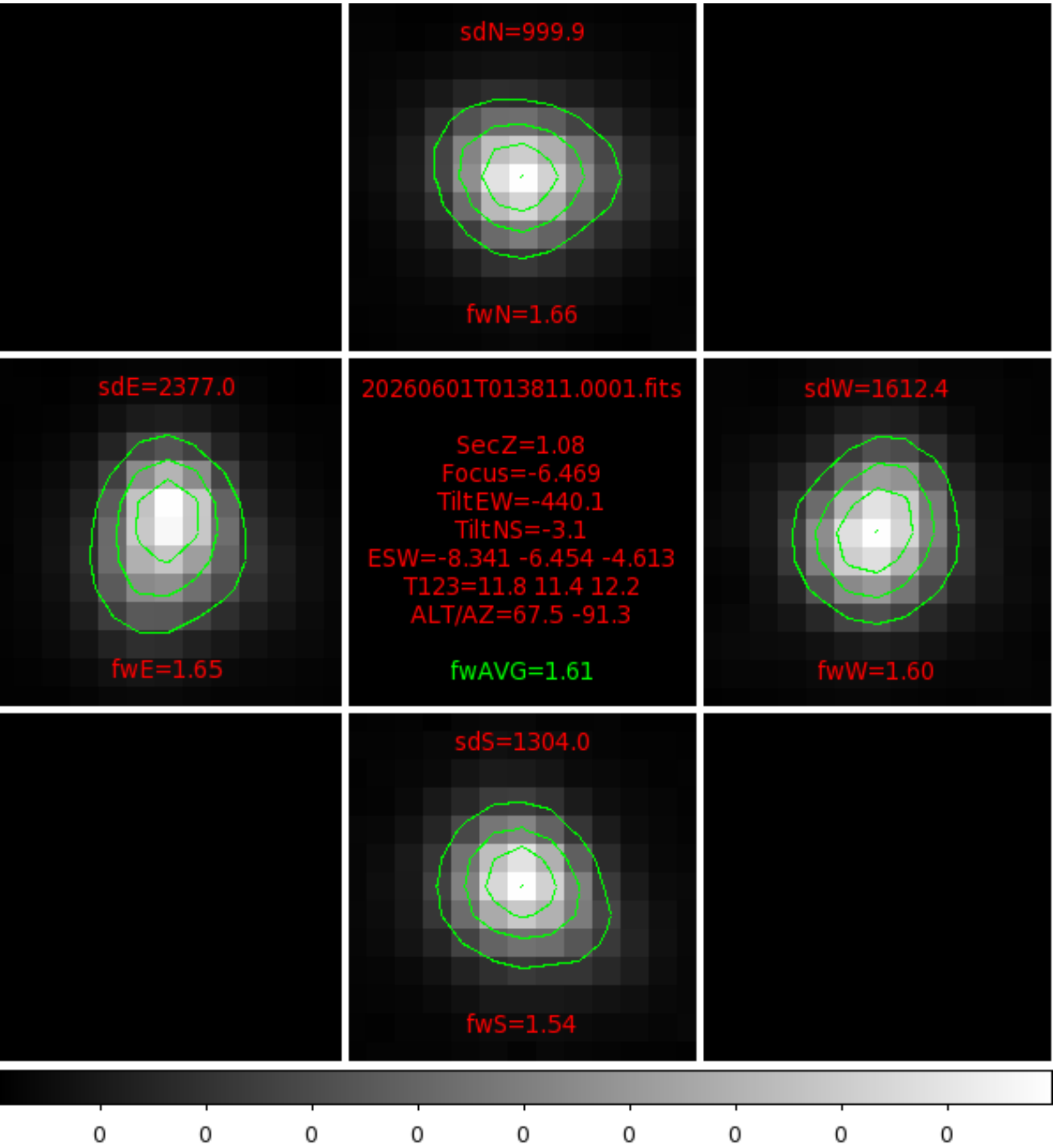
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ESW=-8.341 -6.454 -4.613
T123=11.8 11.4 12.2
ALT/AZ=67.5 -91.3
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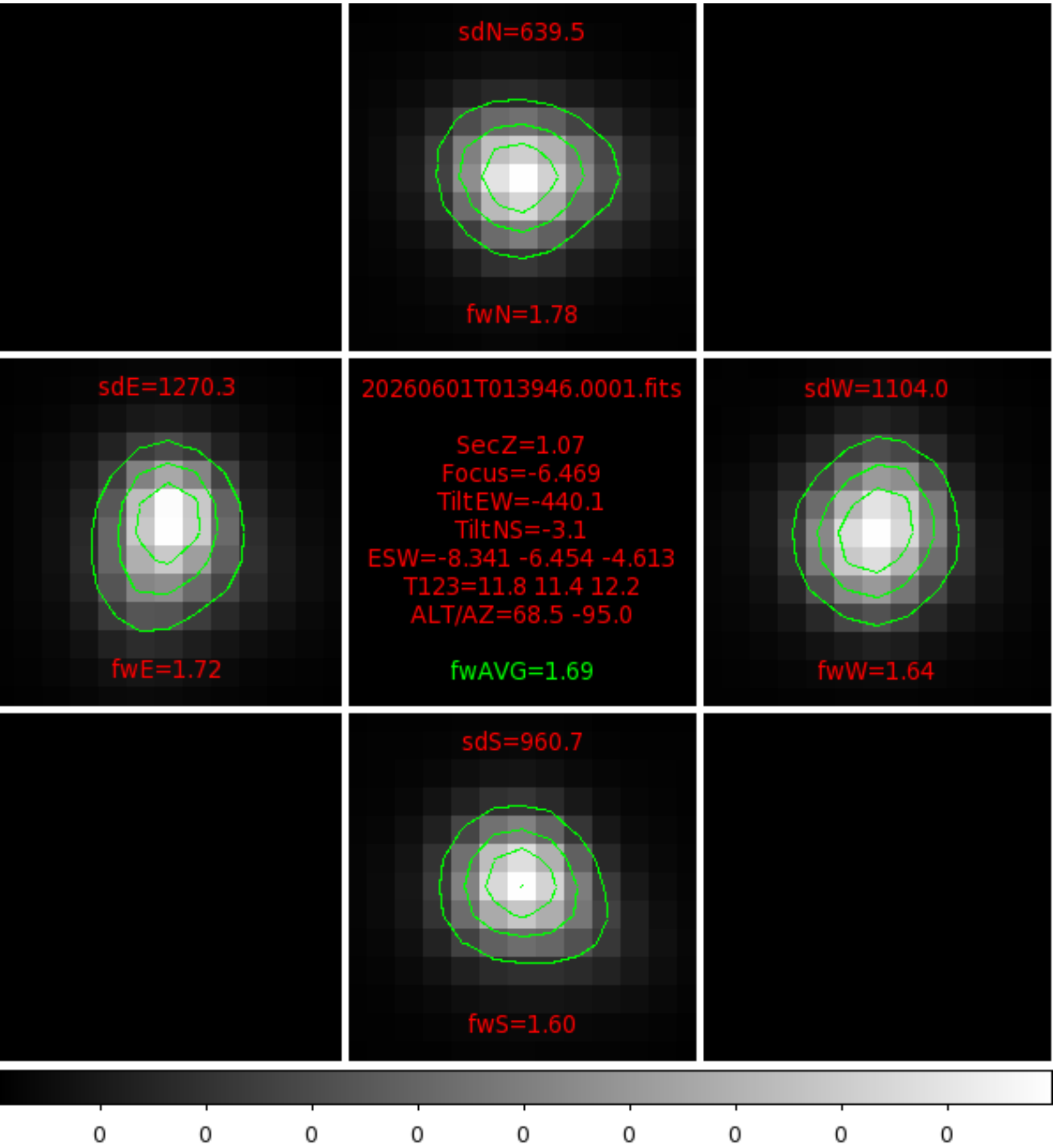
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ESW=-8.341 -6.454 -4.613
T123=11.8 11.4 12.2
ALT/AZ=68.5 -95.0
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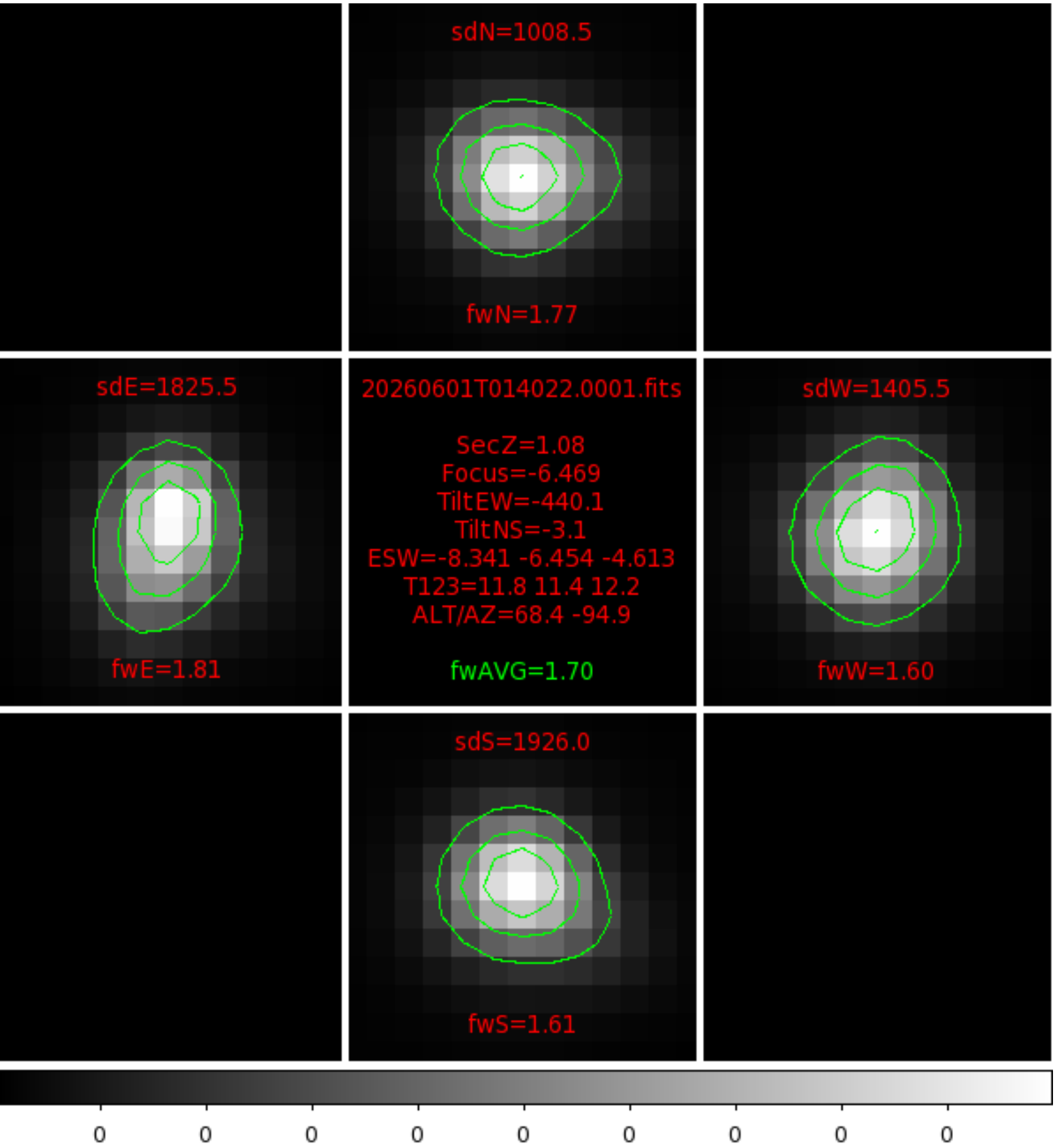
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.8 11.4 12.2
ALT/AZ=68.4 -94.9
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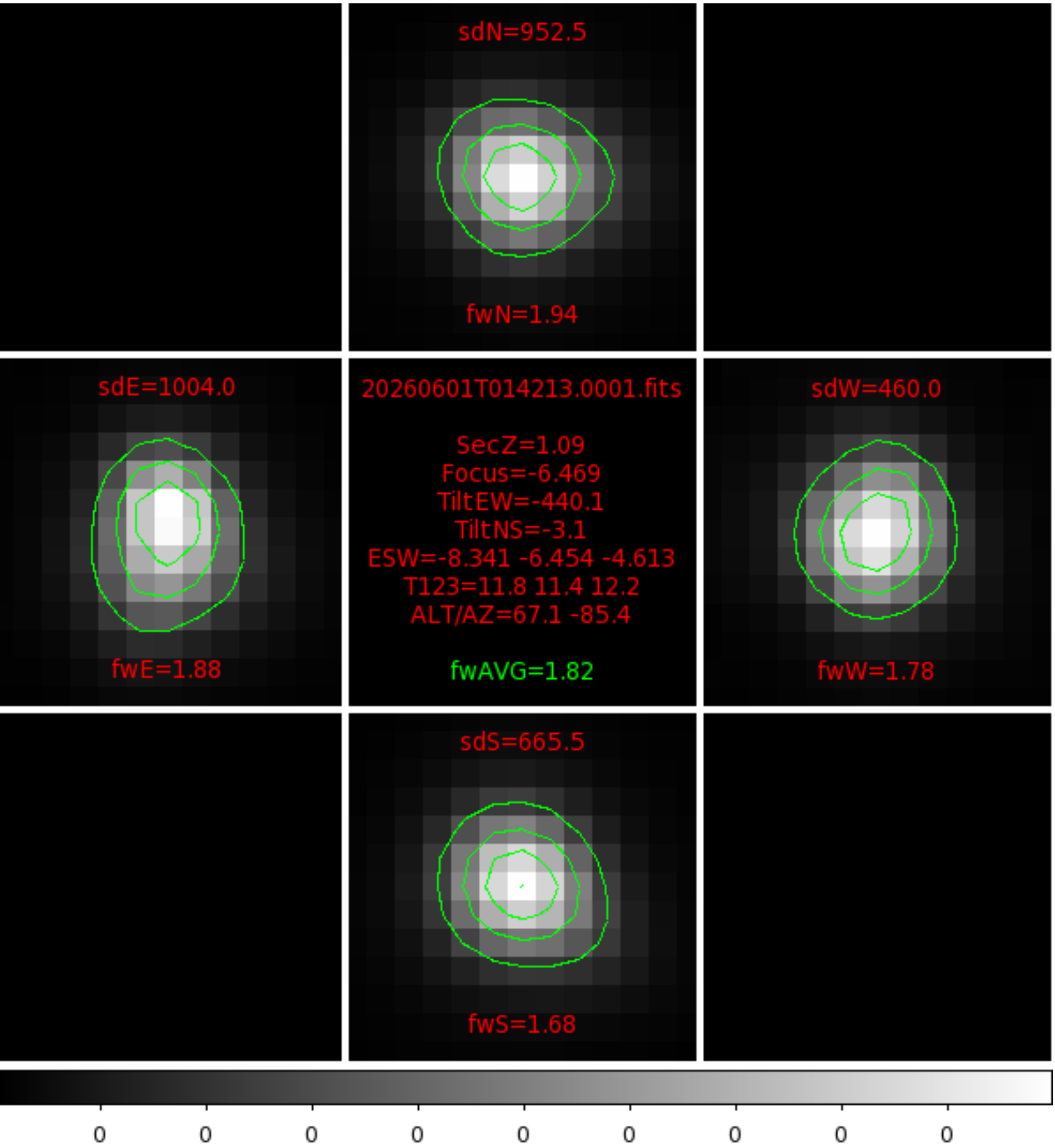
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T123=11.8 11.4 12.2
ALT/AZ=67.1 -85.4
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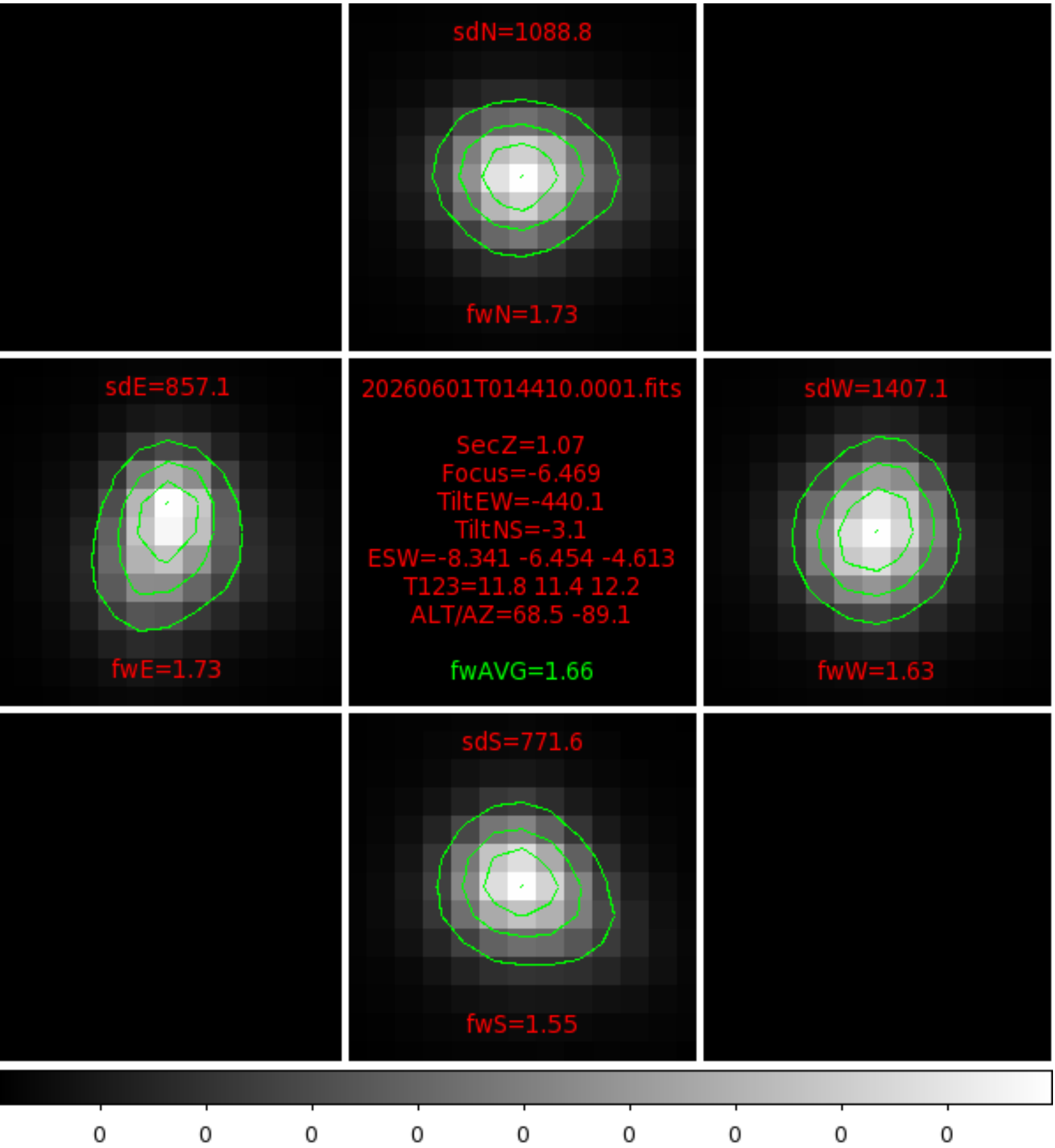
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T123=11.8 11.4 12.2
ALT/AZ=68.5 -89.1
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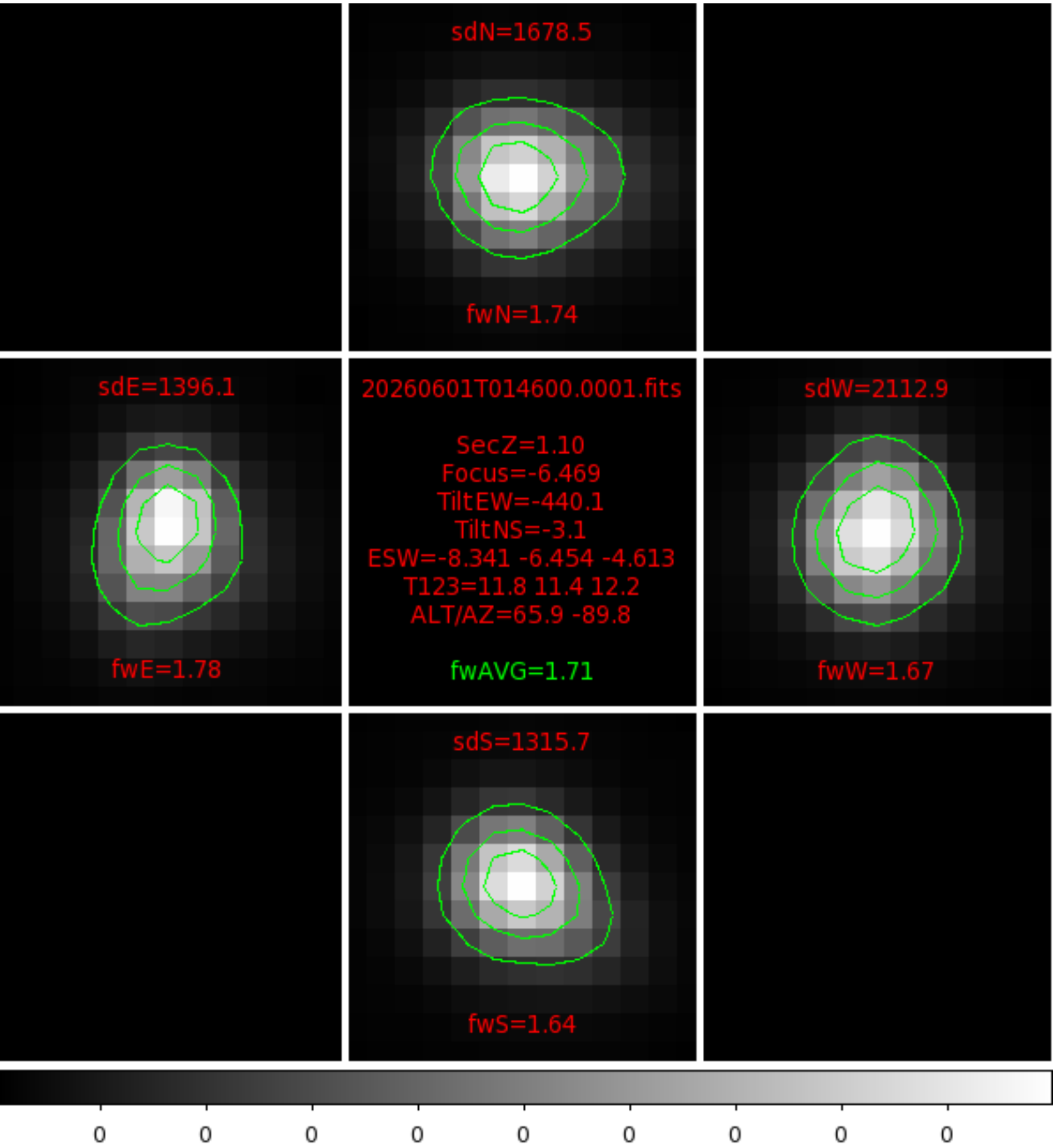
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ESW=-8.341 -6.454 -4.613
T123=11.8 11.4 12.2
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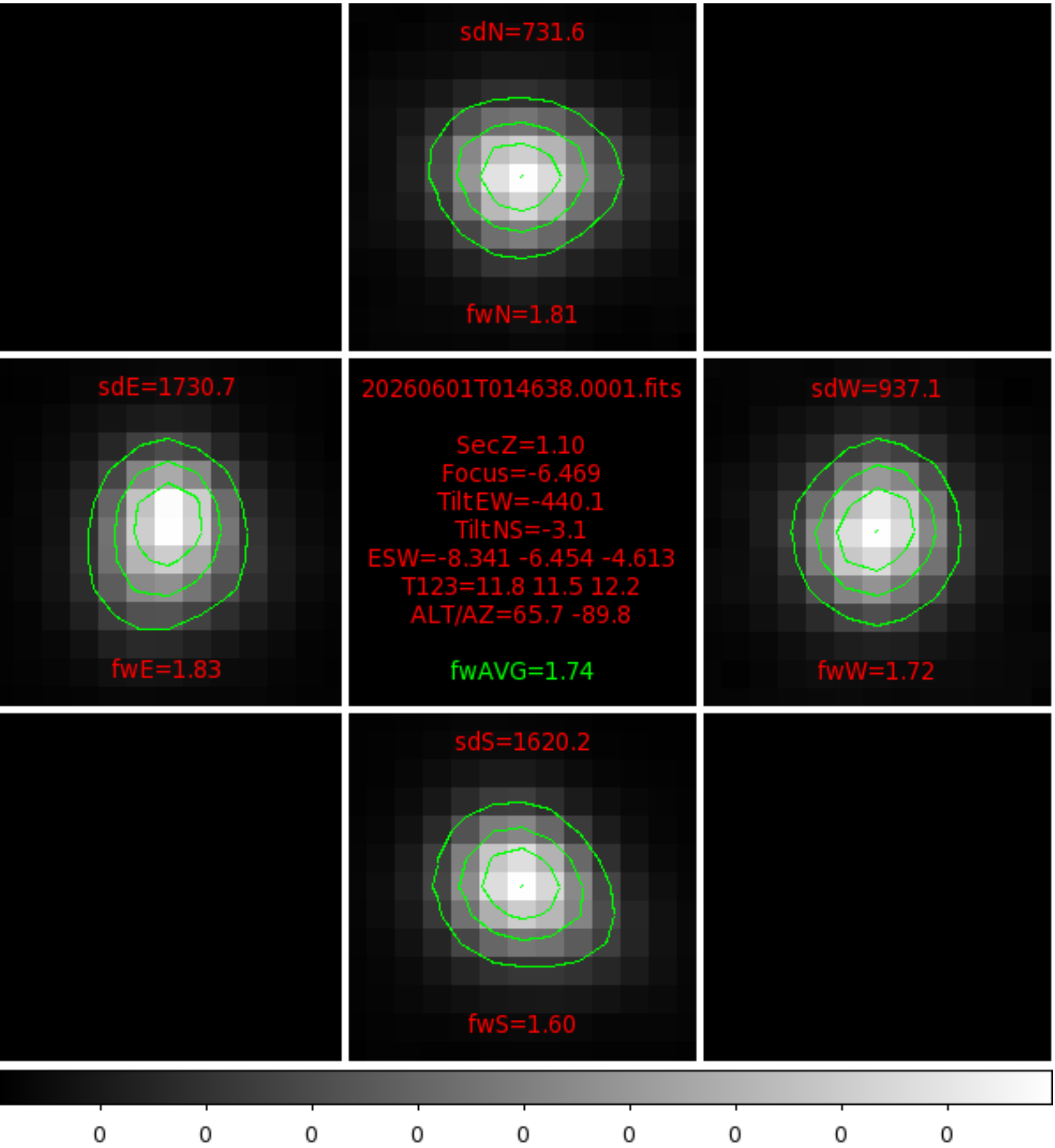
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T123=11.8 11.5 12.2
ALT/AZ=65.7 -89.8
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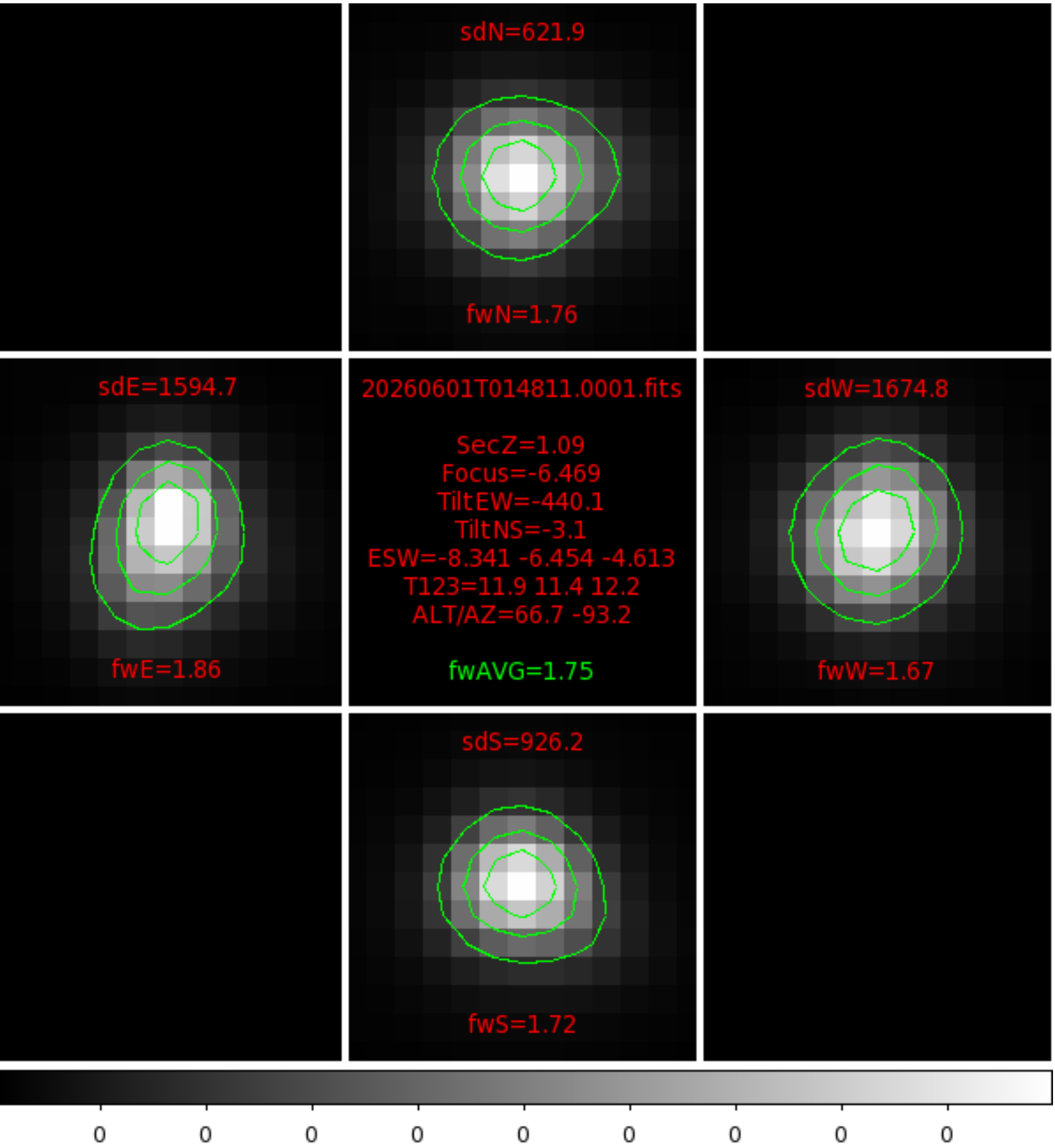
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SecZ=1.09
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.9 11.4 12.2
ALT/AZ=66.7 -93.2
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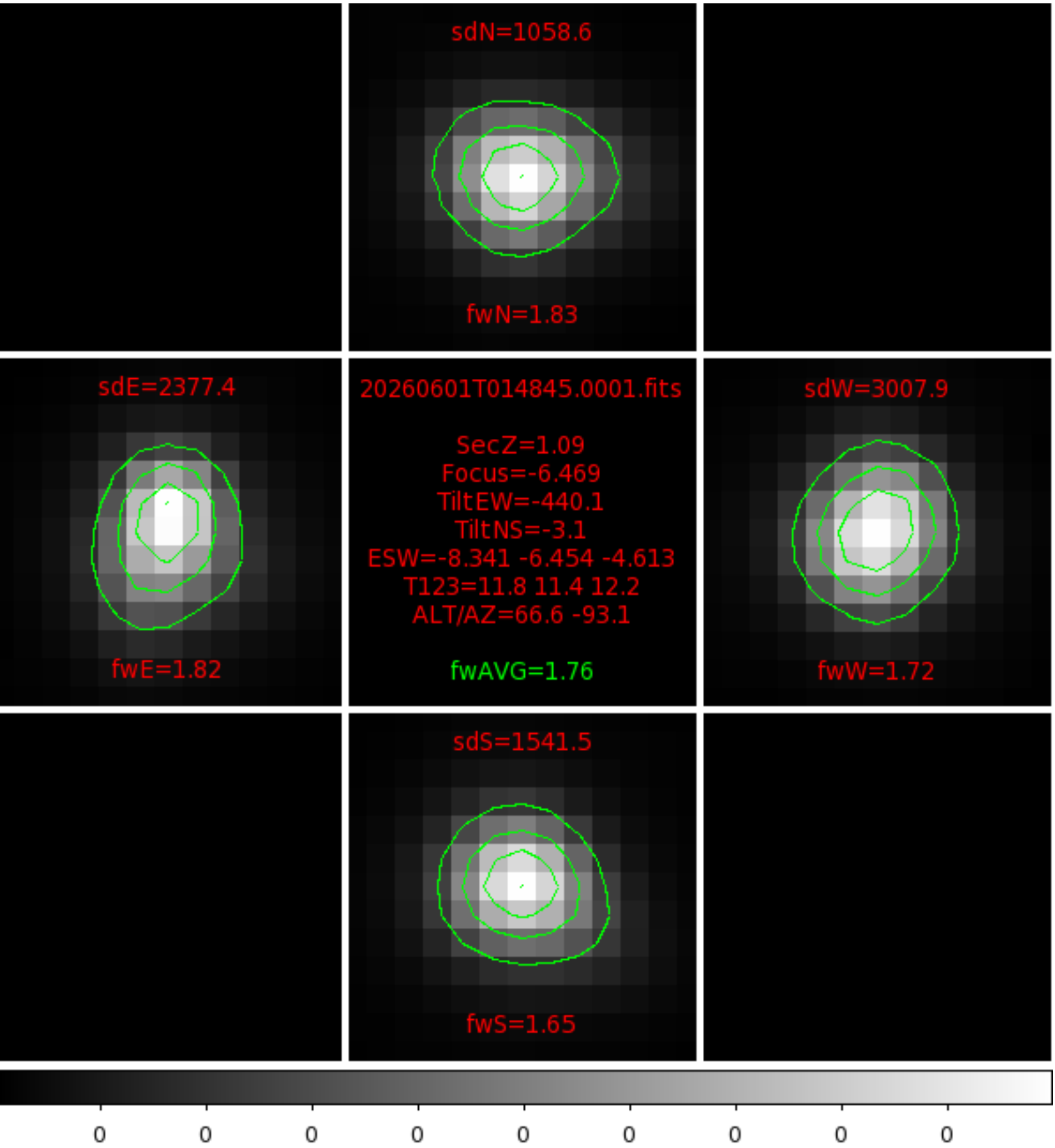
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T123=11.8 11.4 12.2
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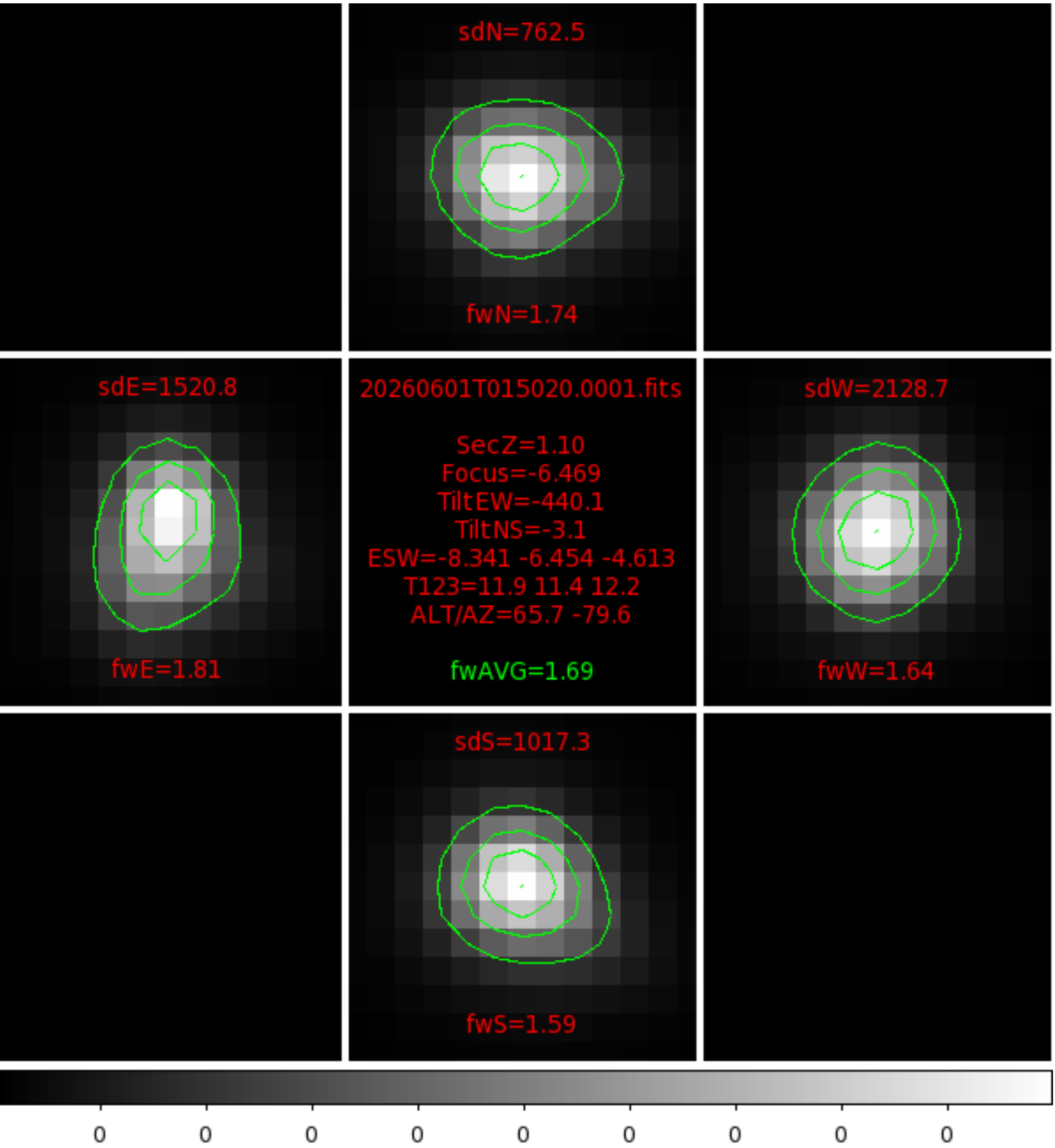
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SecZ=1.10
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.9 11.4 12.2
ALT/AZ=65.7 -79.6
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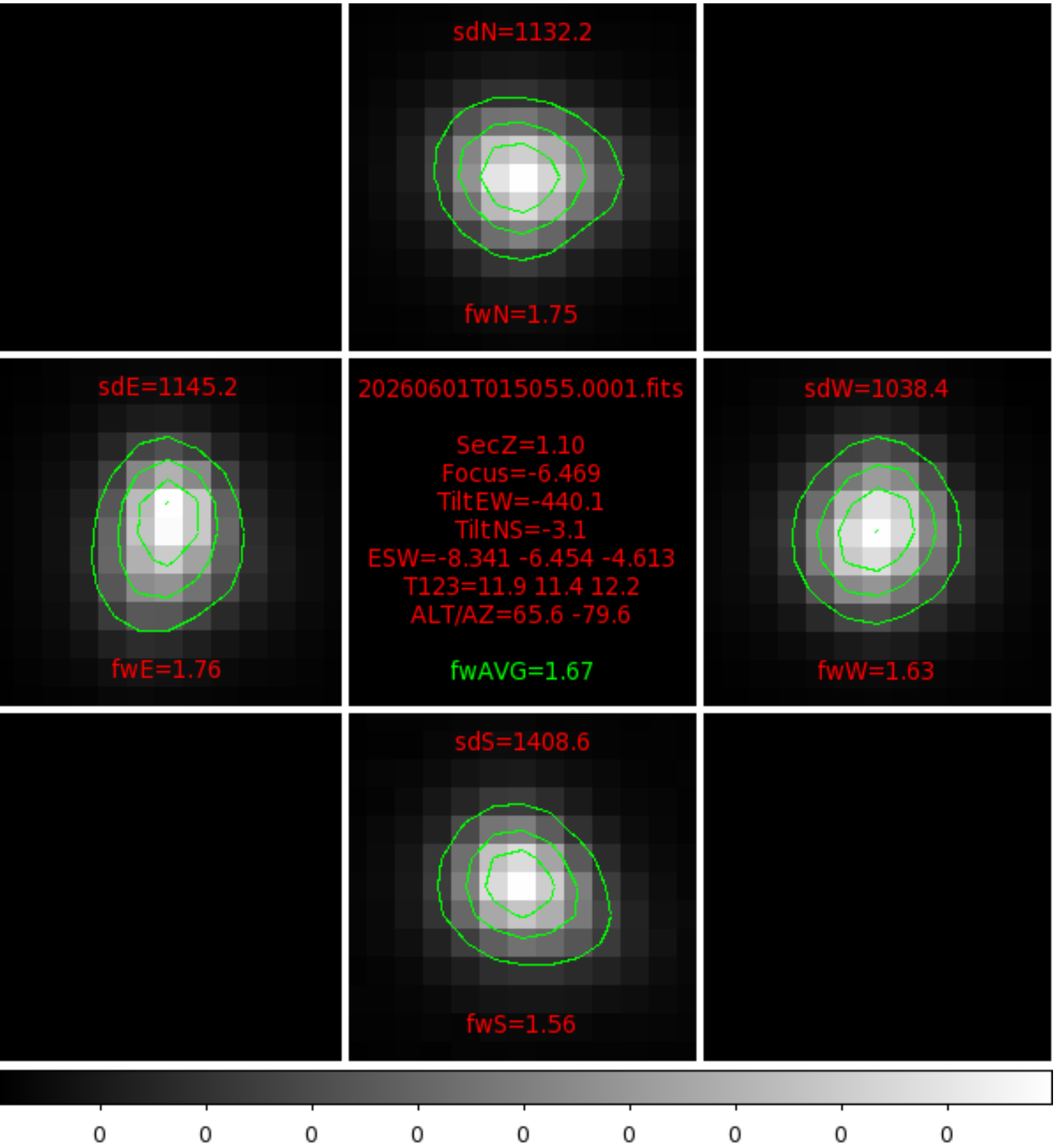
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Focus=-6.469
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.9 11.4 12.2
ALT/AZ=65.6 -79.6
fwAVG=1.67
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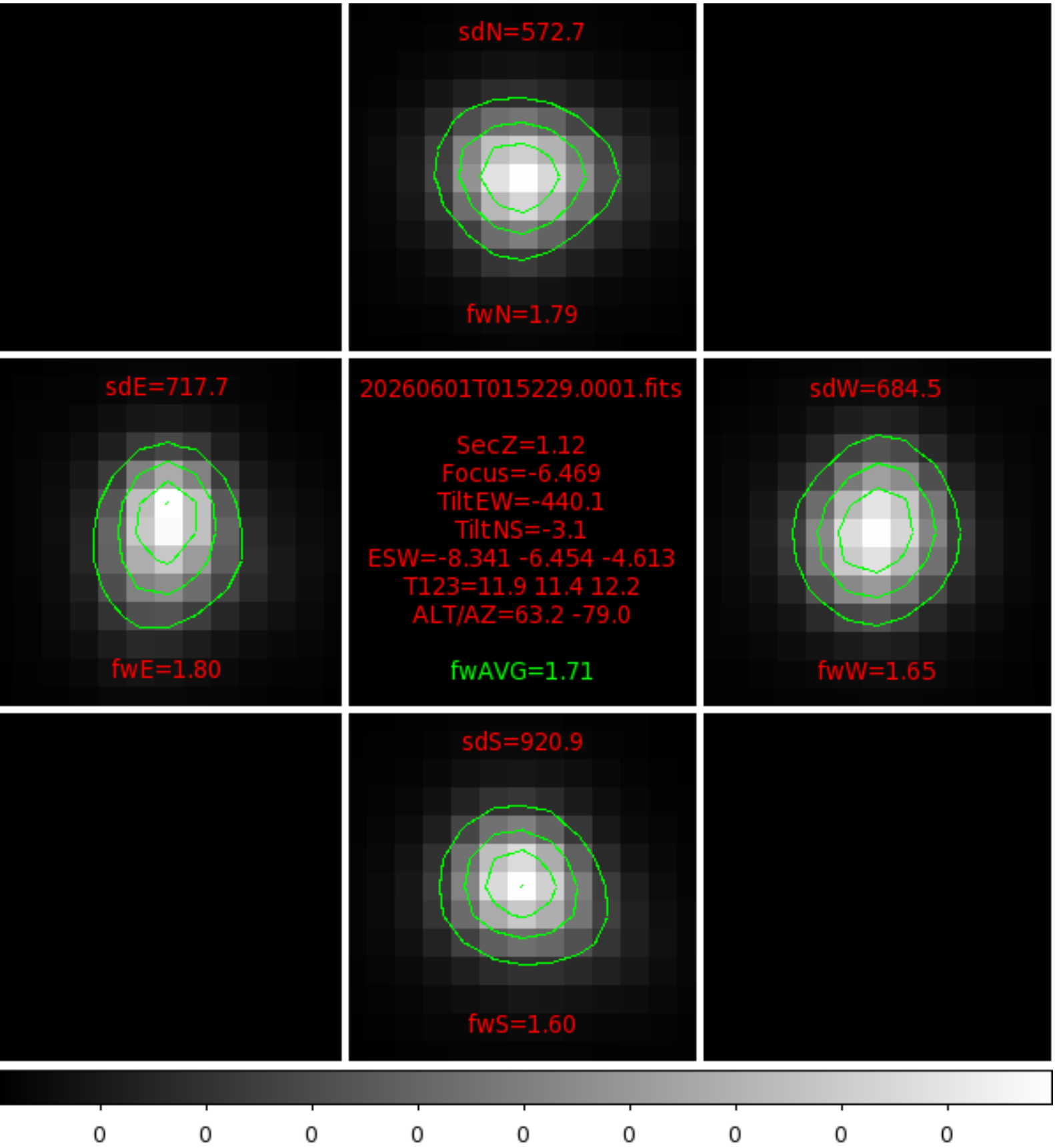
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.9 11.4 12.2
ALT/AZ=63.2 -79.0
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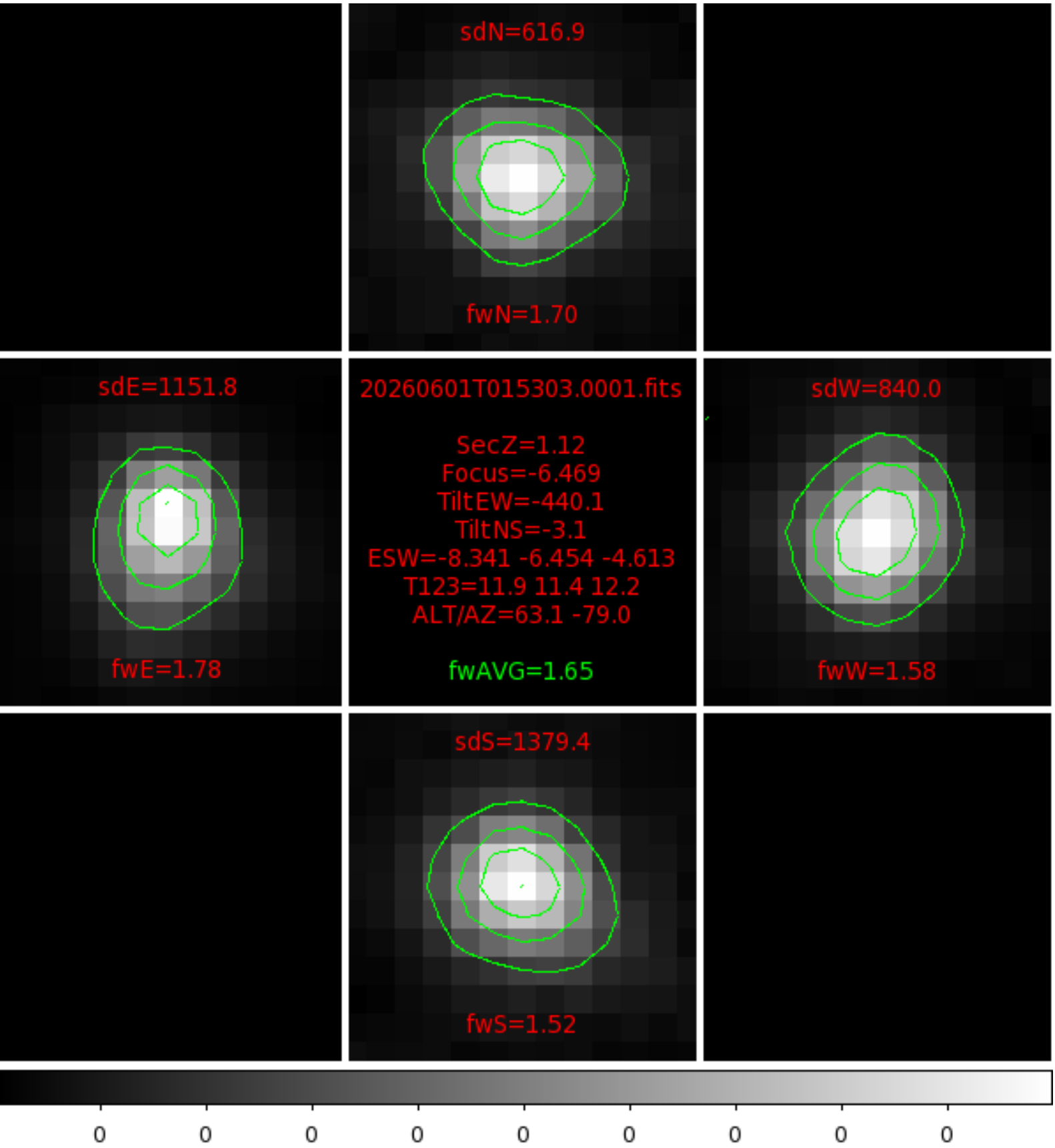
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ESW=-8.341 -6.454 -4.613
T123=11.9 11.4 12.2
ALT/AZ=63.1 -79.0
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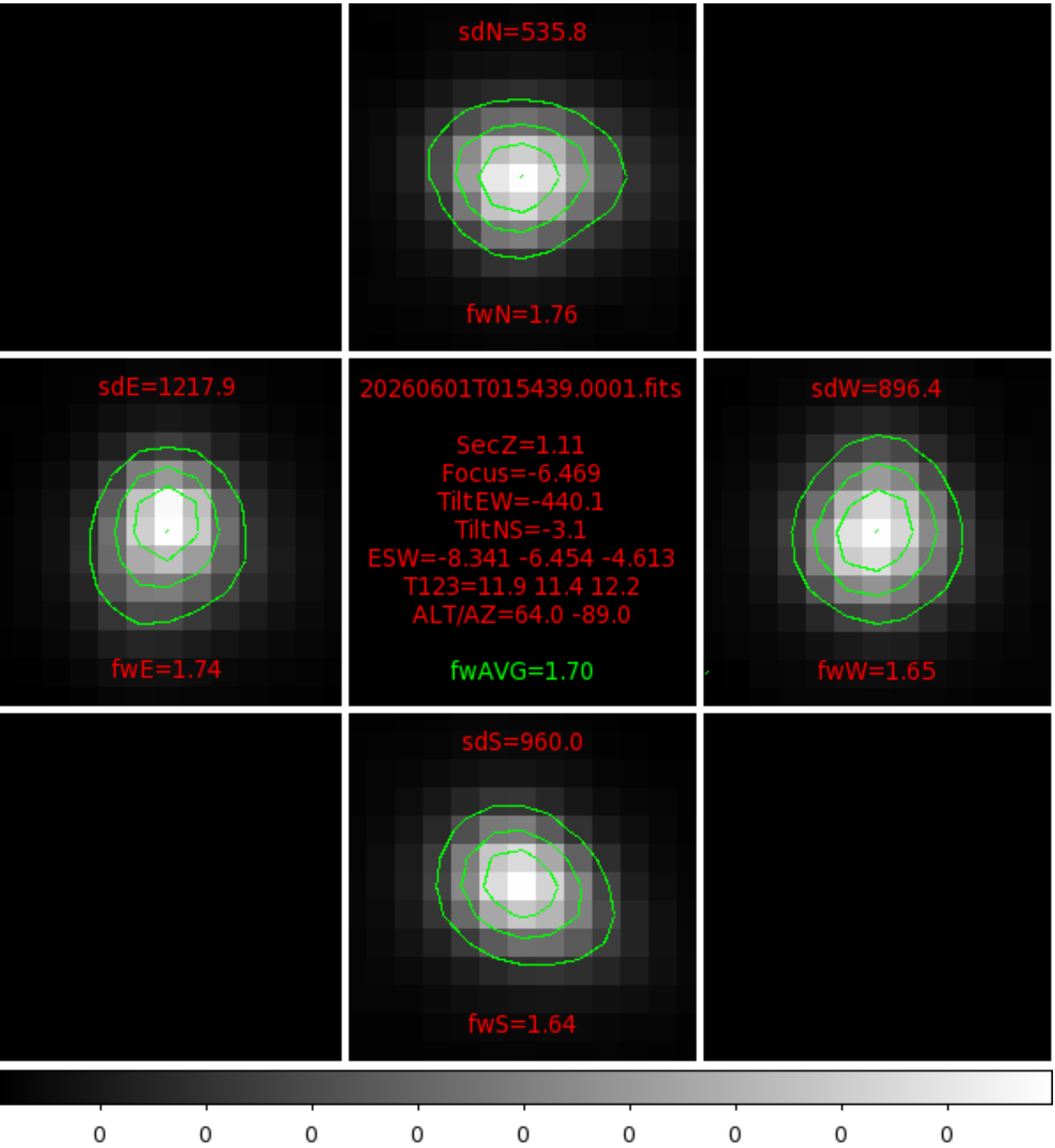
sdN=535.8
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SecZ=1.11
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T123=11.9 11.4 12.2
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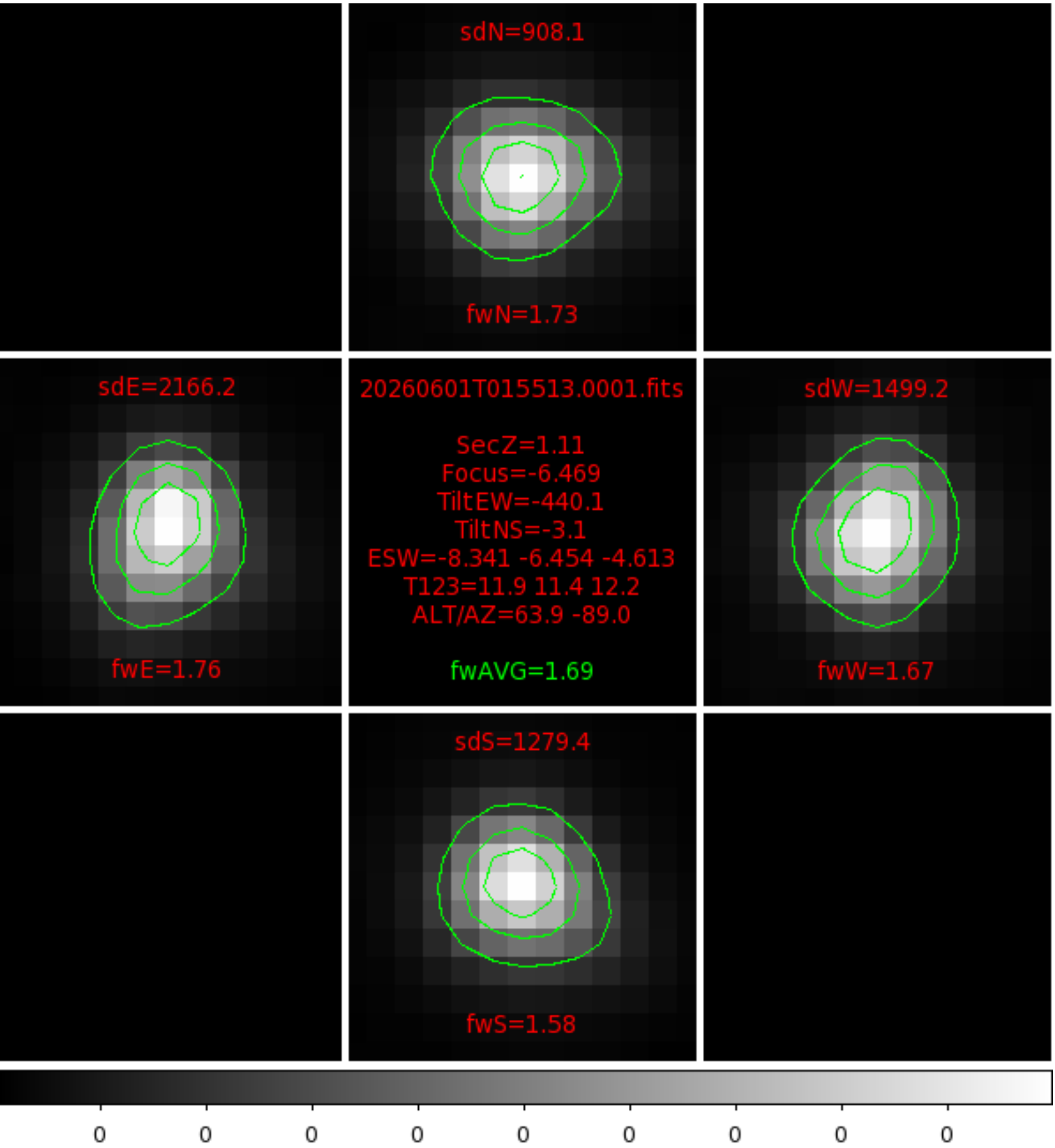
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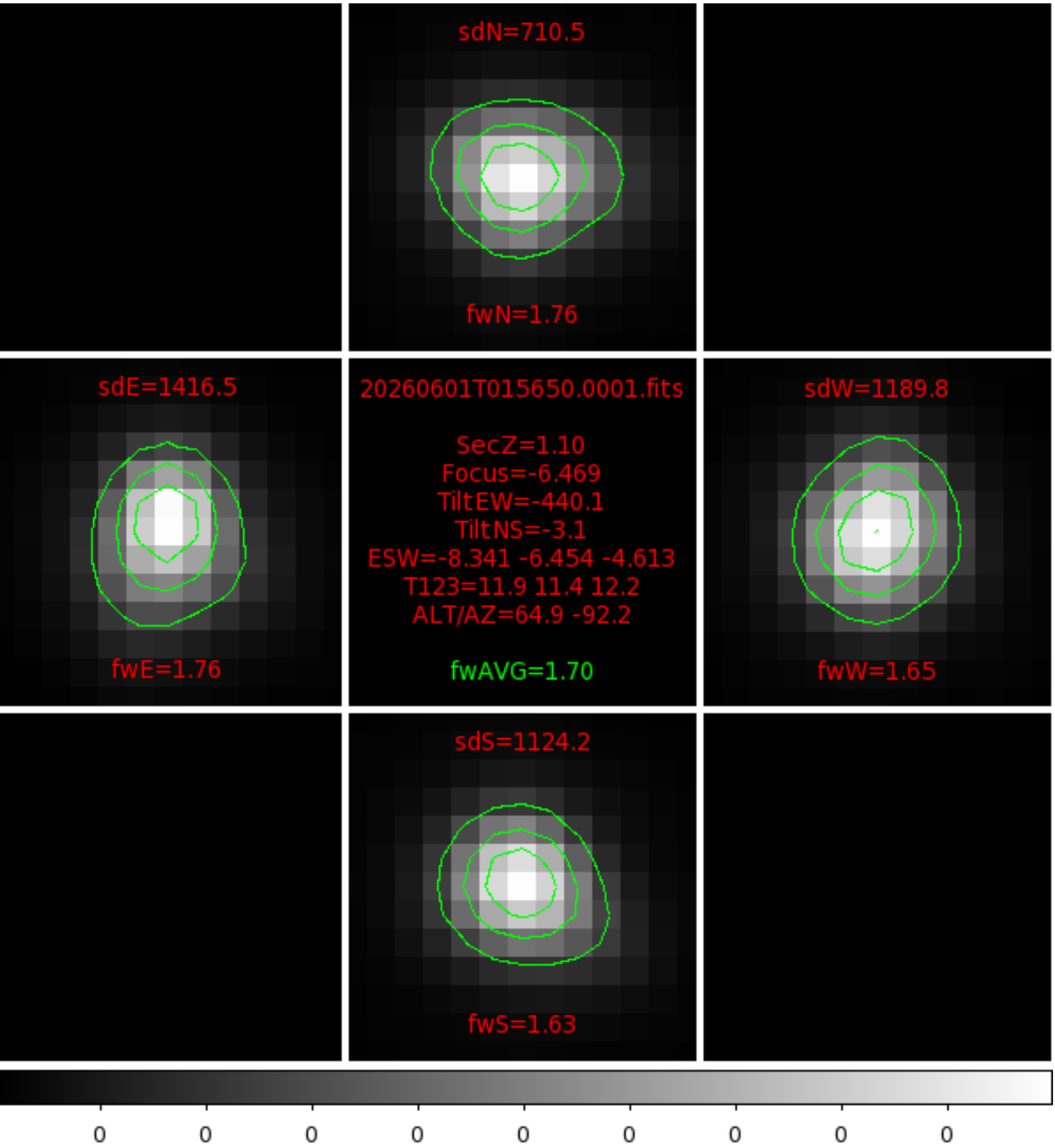
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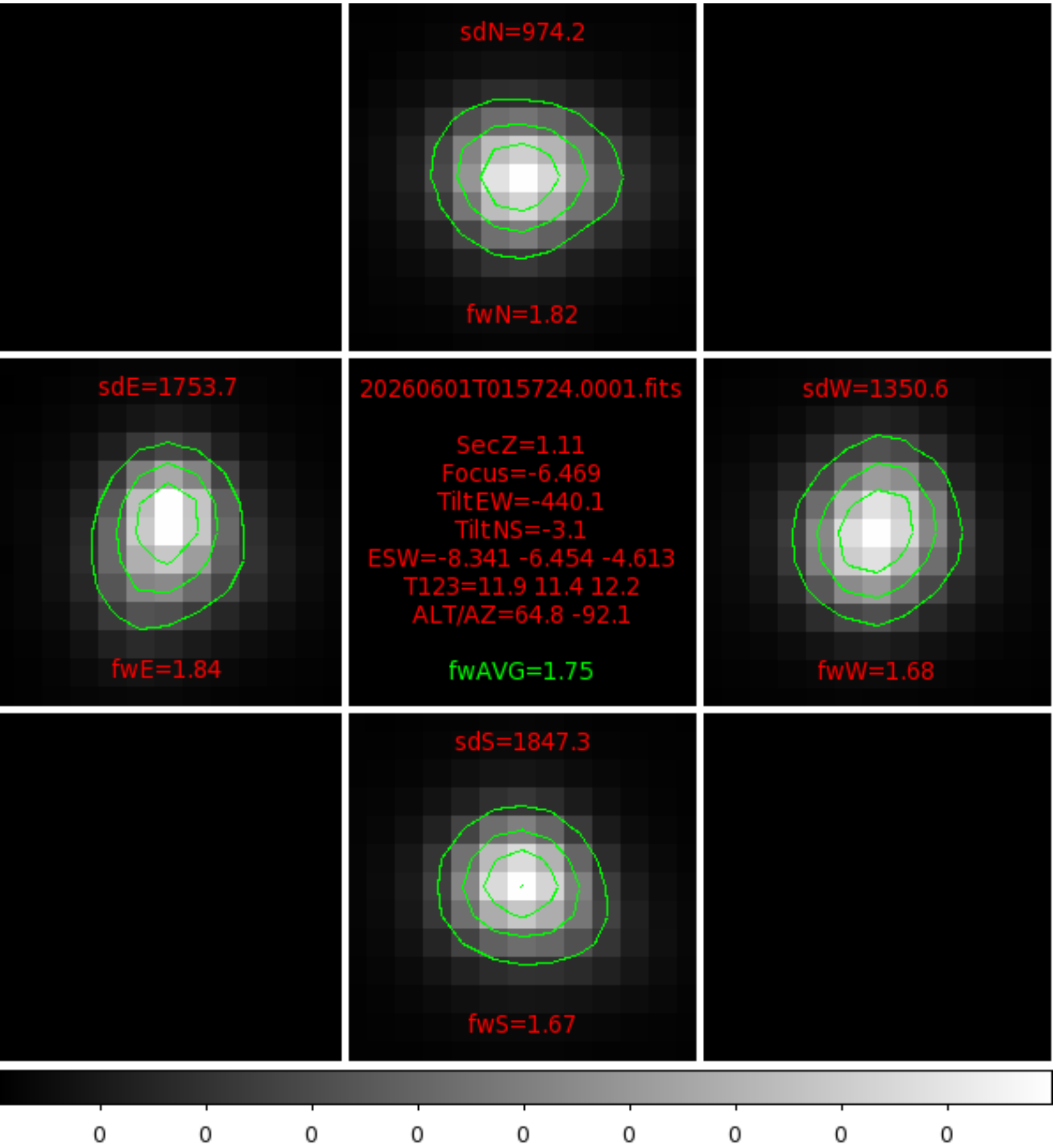
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T123=11.9 11.4 12.2
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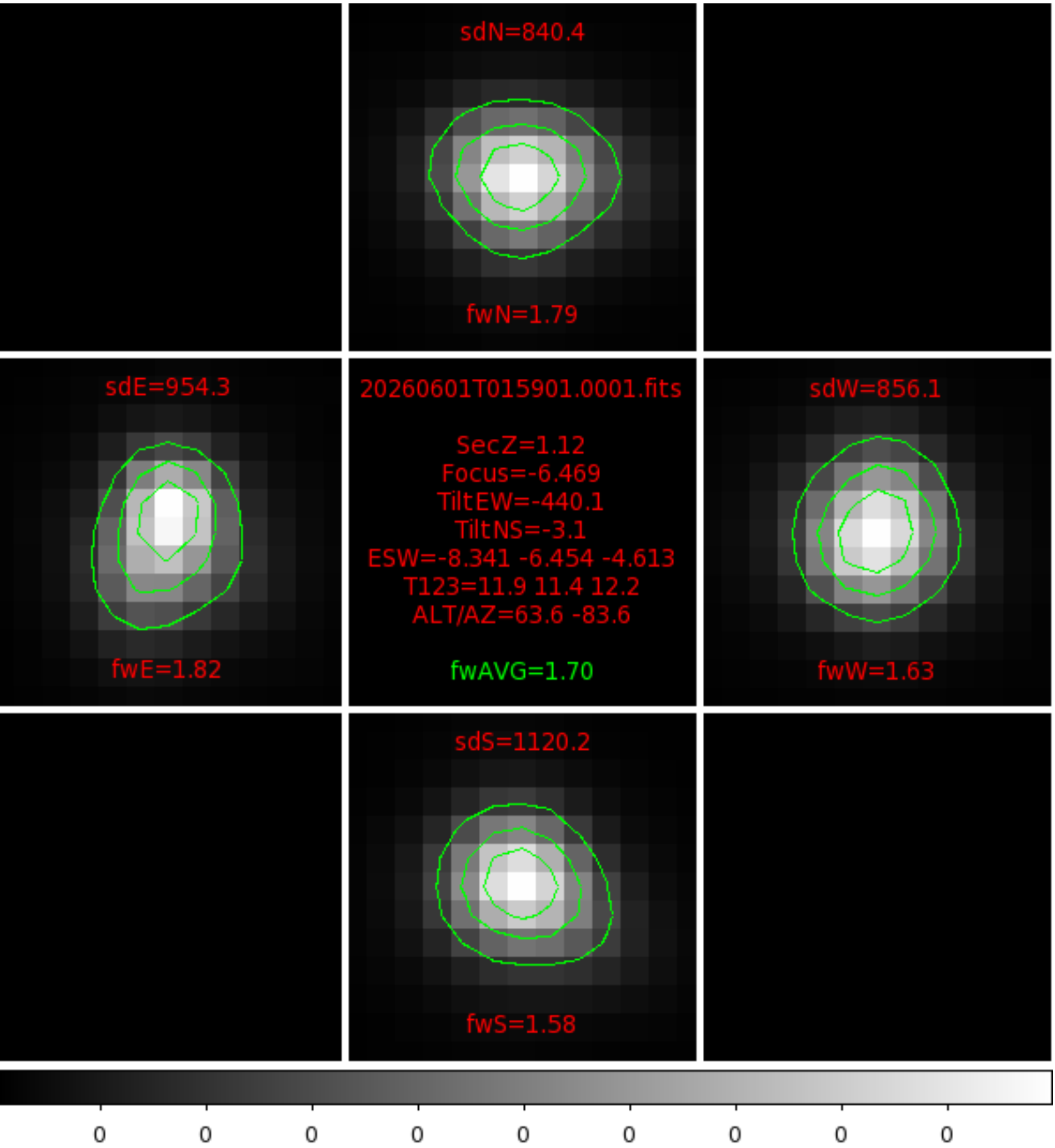
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ESW=-8.341 -6.454 -4.613
T123=11.9 11.4 12.2
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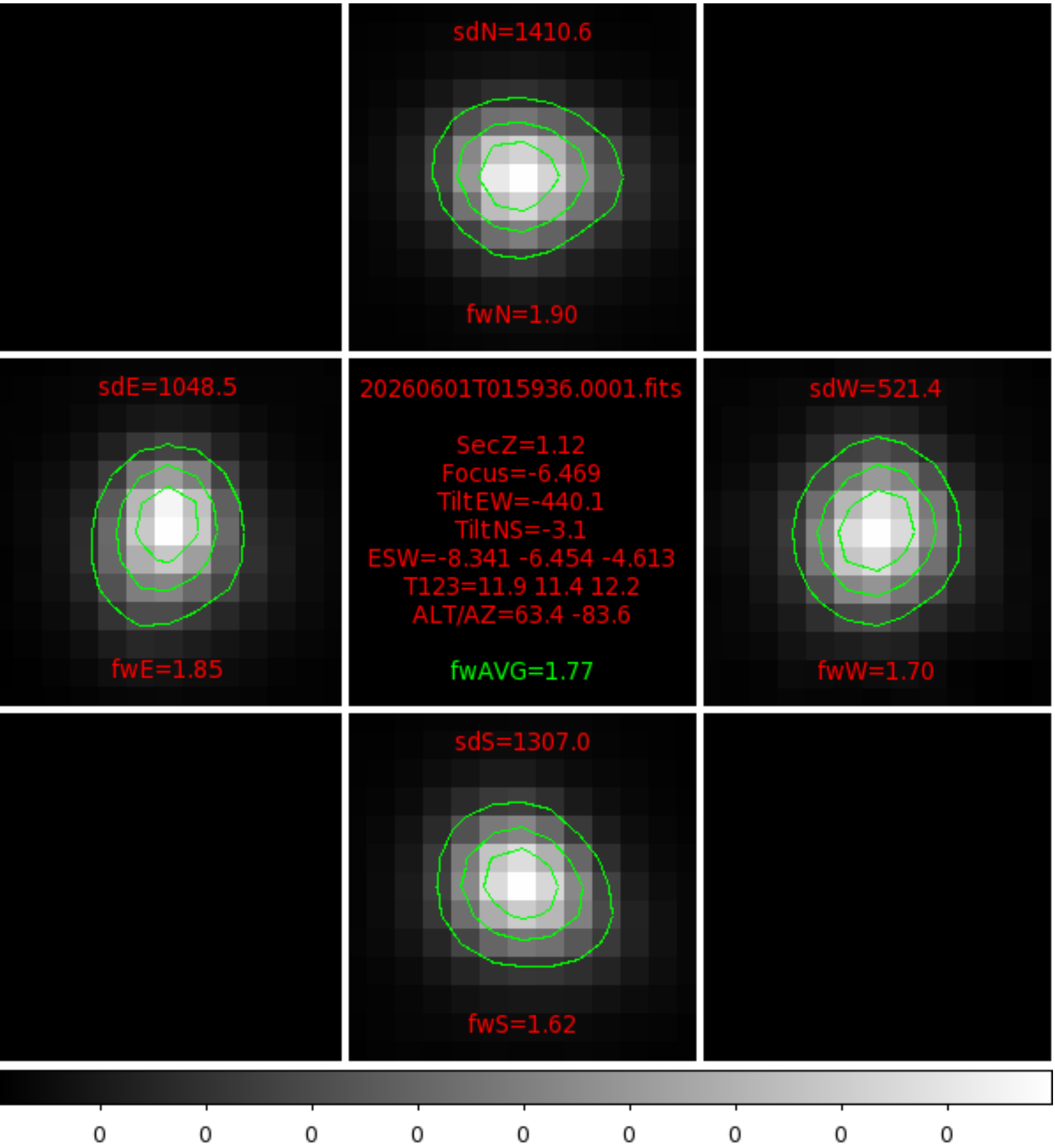
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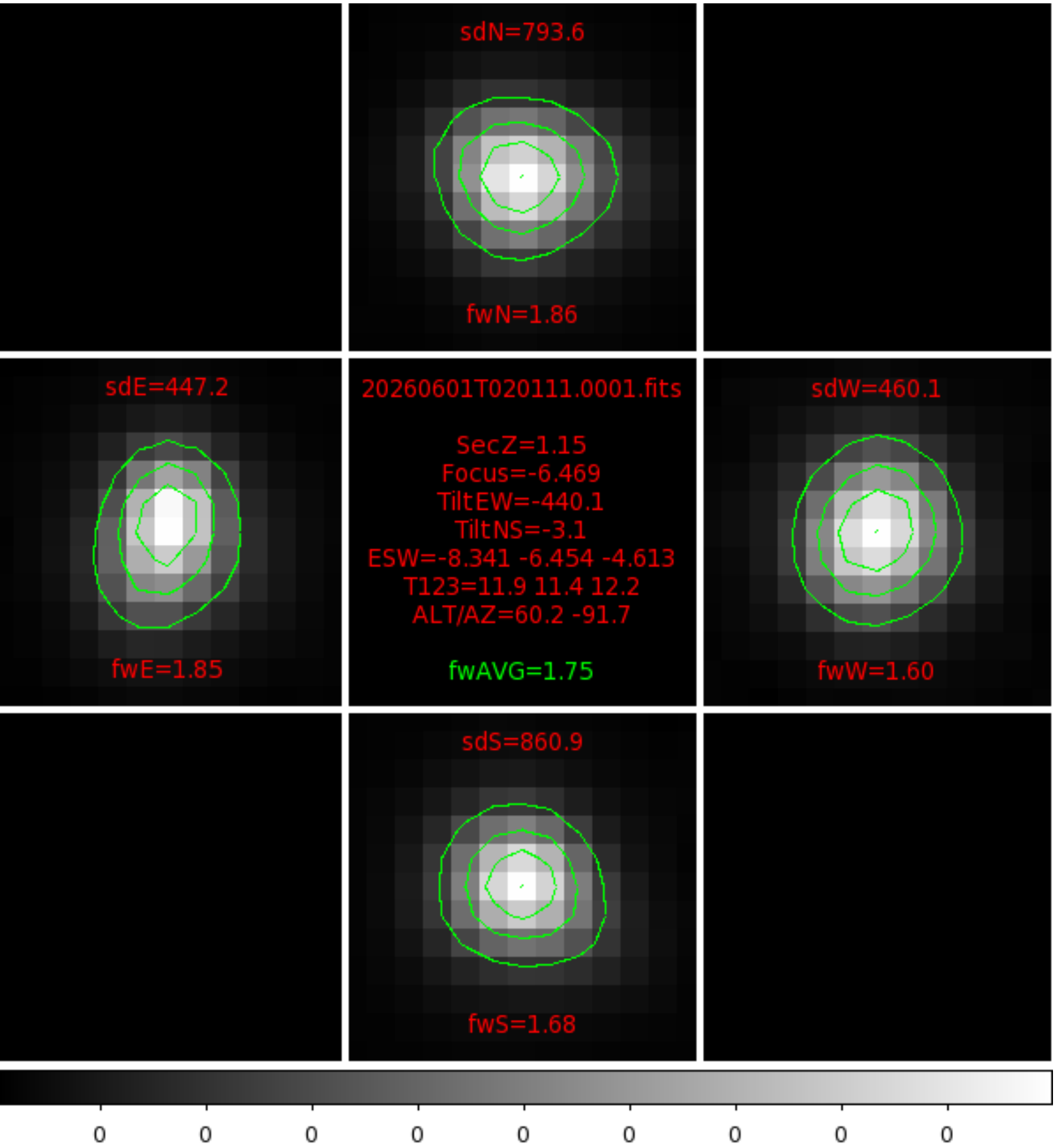
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T123=11.9 11.4 12.2
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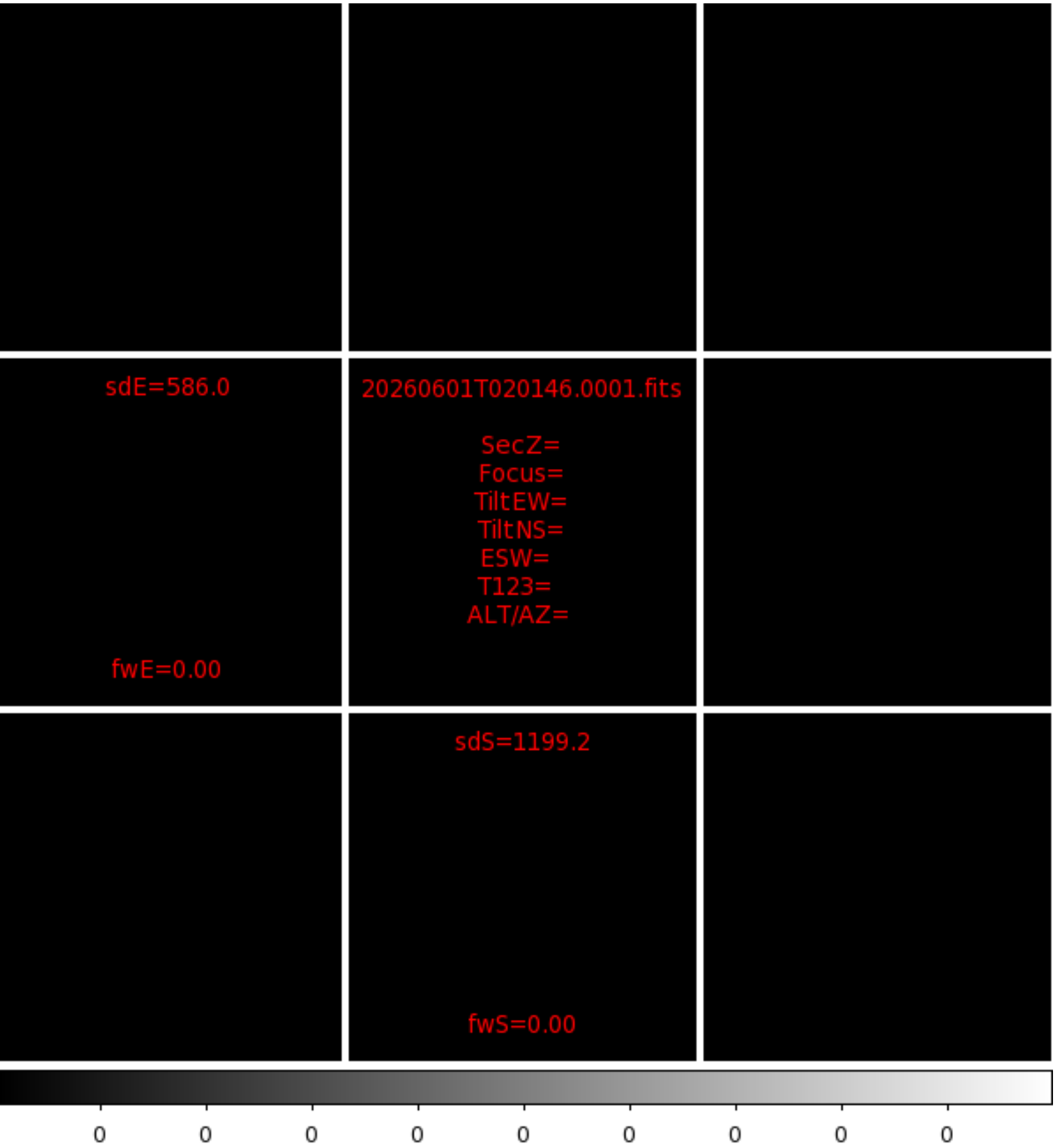
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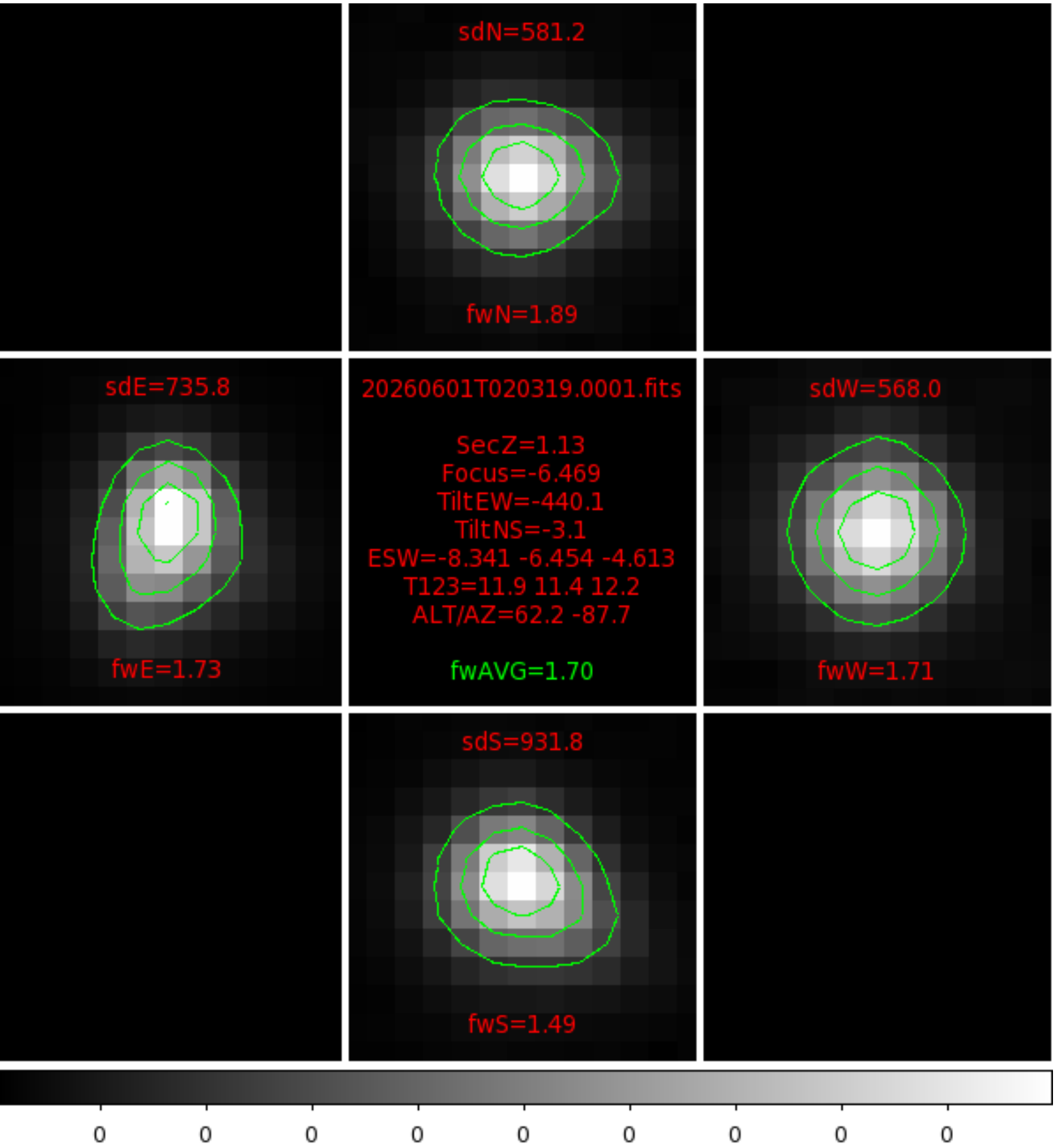
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T123=11.9 11.4 12.2
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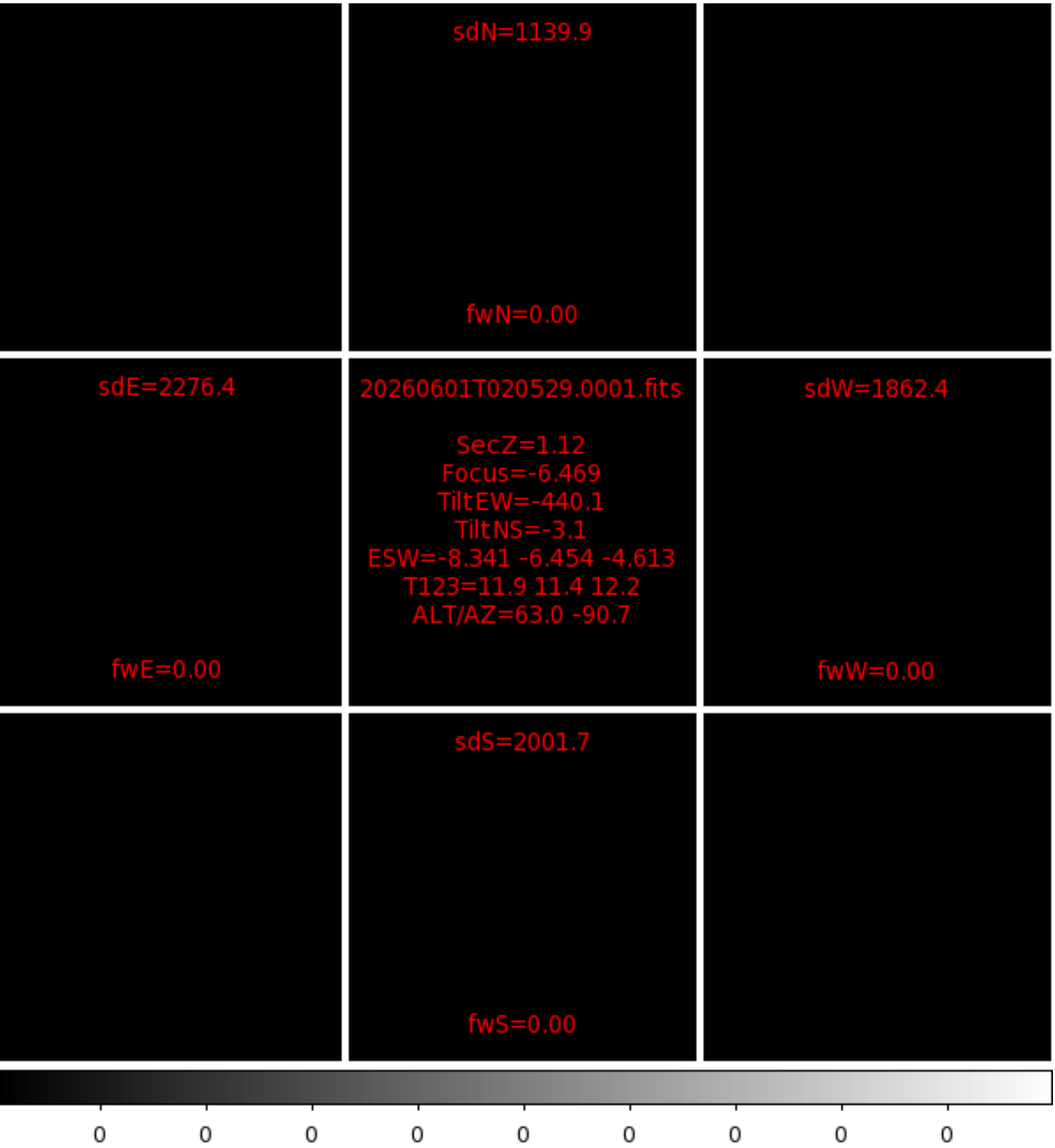
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T123=11.9 11.4 12.2
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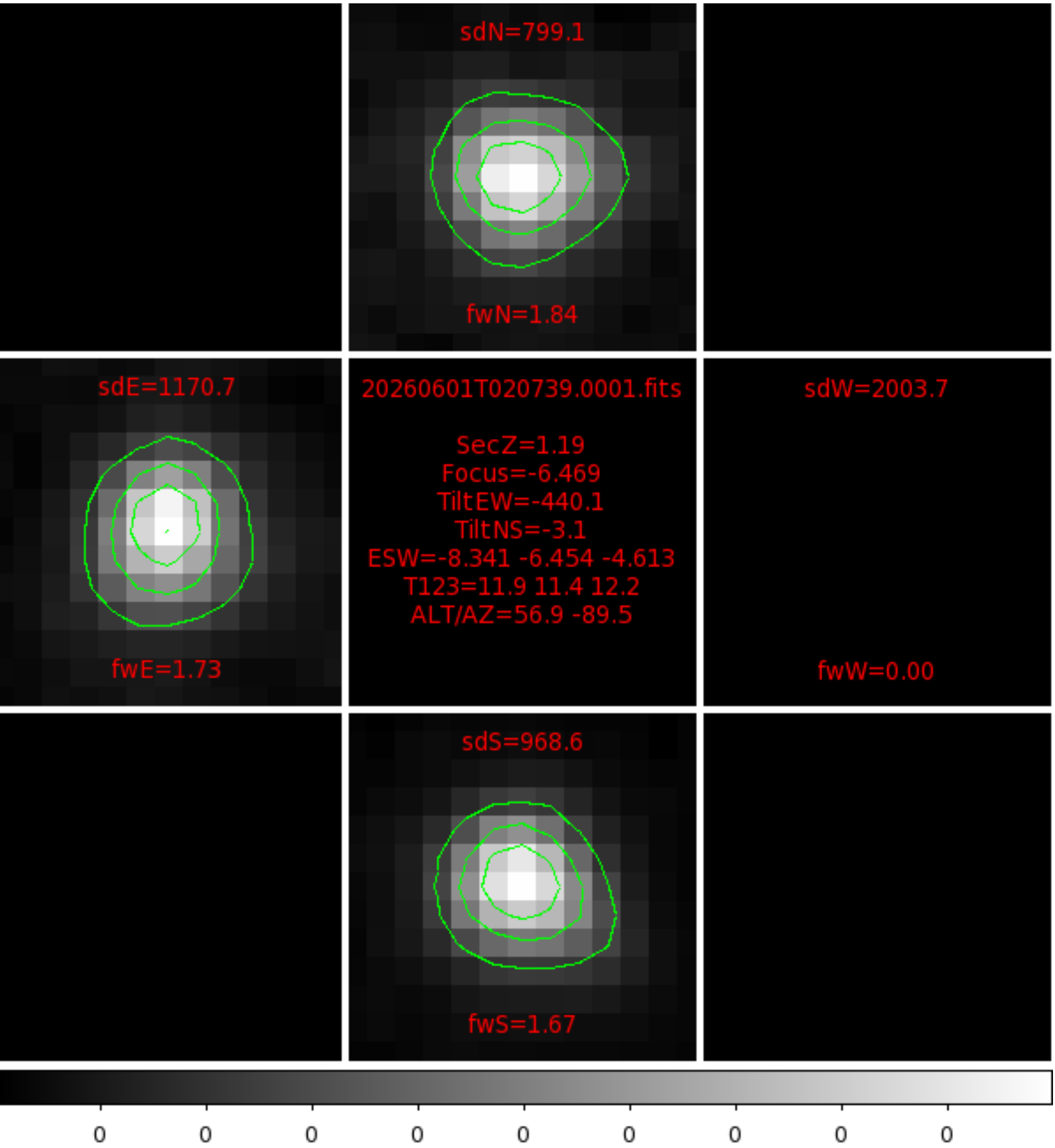
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ESW=-8.341 -6.454 -4.613
T123=11.9 11.4 12.2
ALT/AZ=56.9 -89.5
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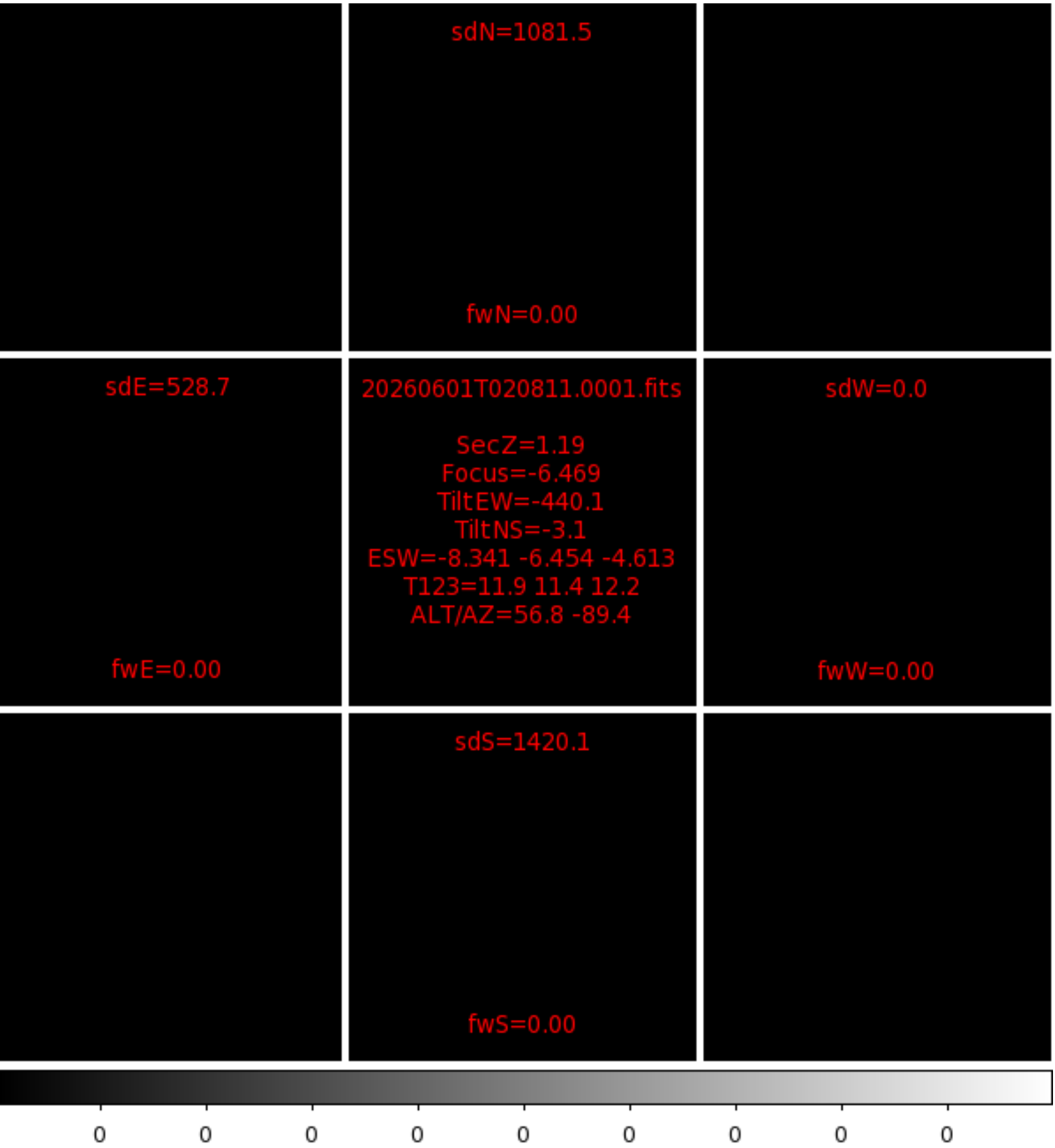
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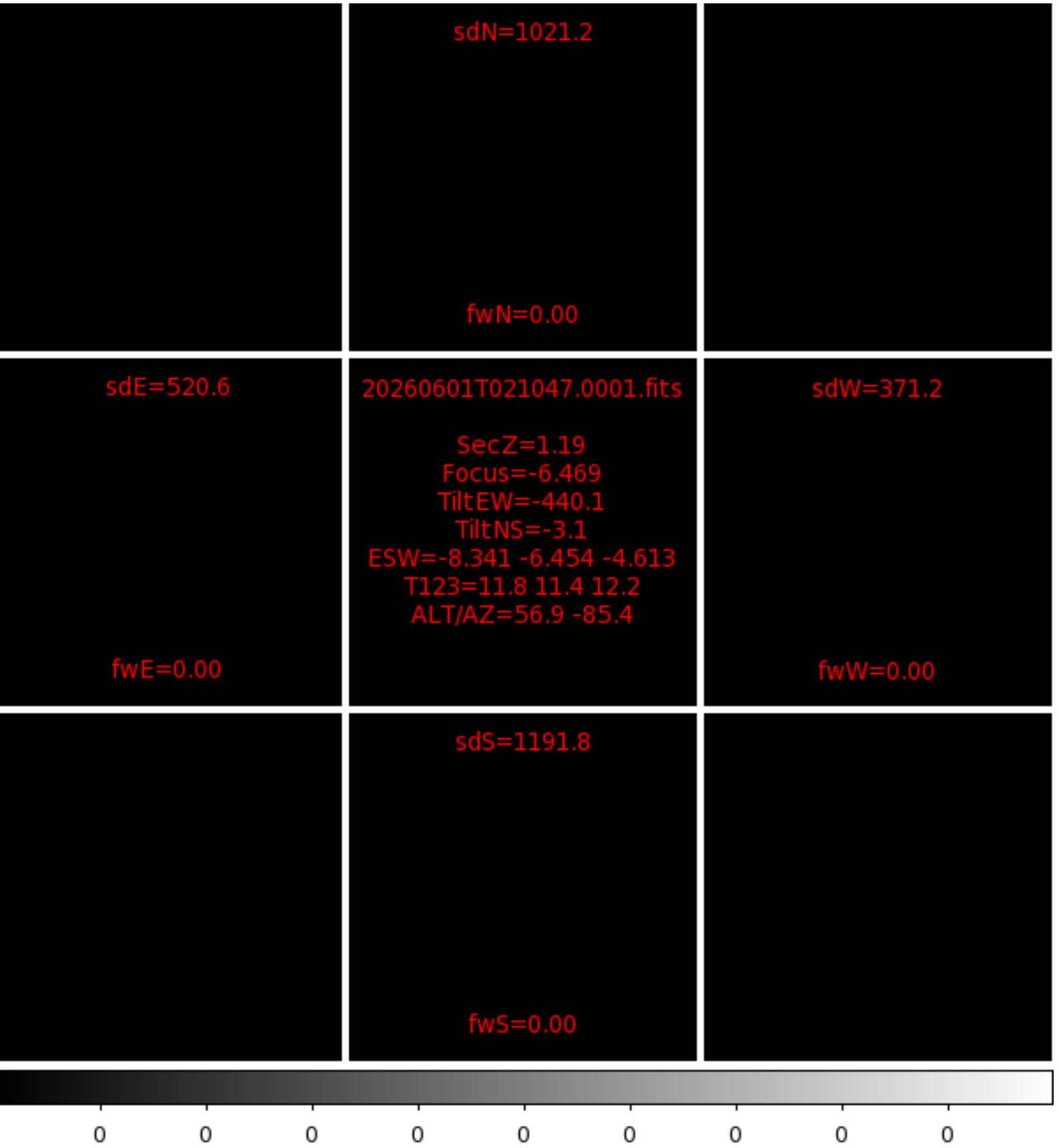
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T123=11.8 11.4 12.2
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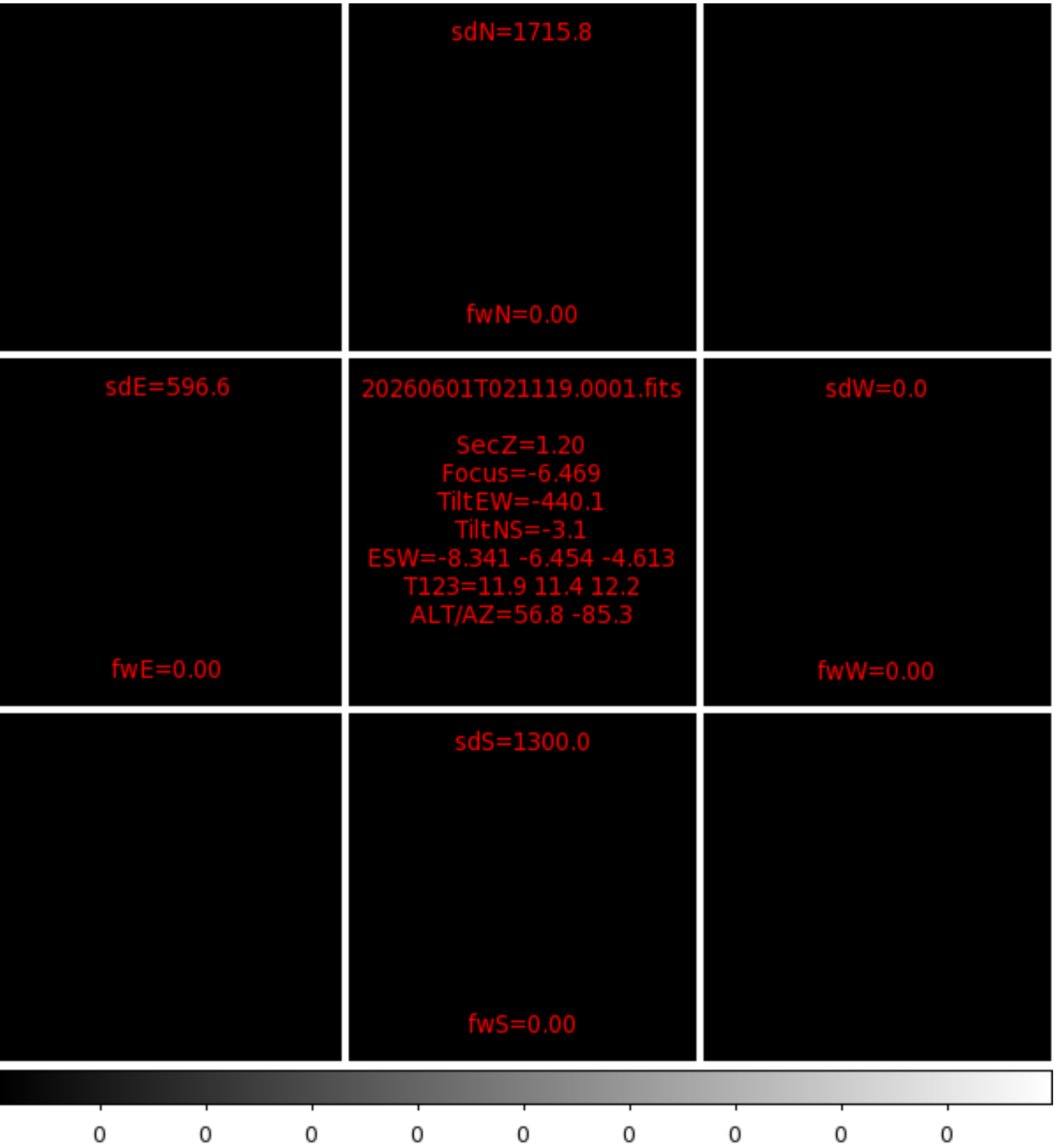
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T123=11.9 11.4 12.2
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sdN=1068.2
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T123=11.8 11.4 12.2
ALT/AZ=61.2 -89.5
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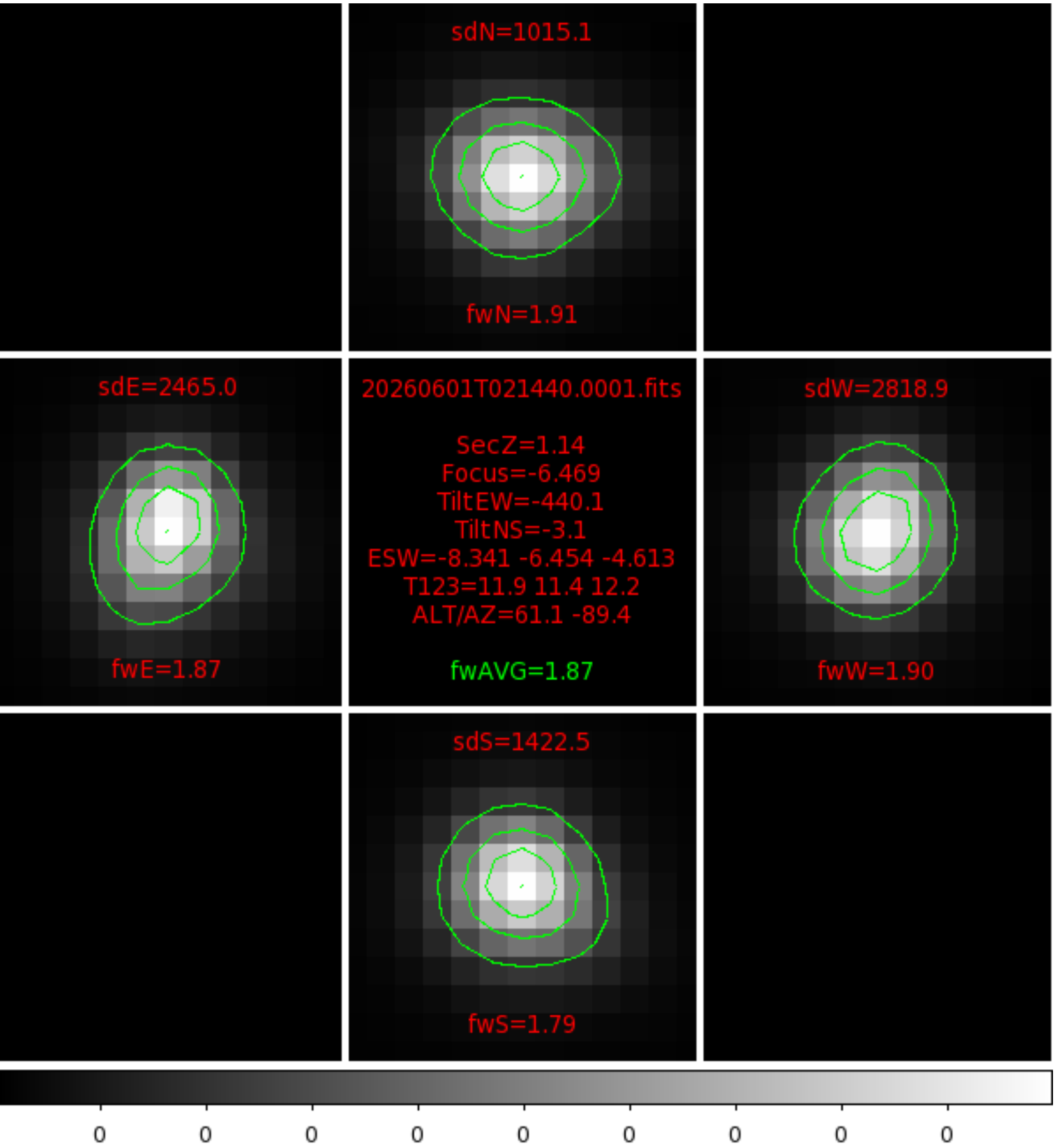
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T123=11.9 11.4 12.2
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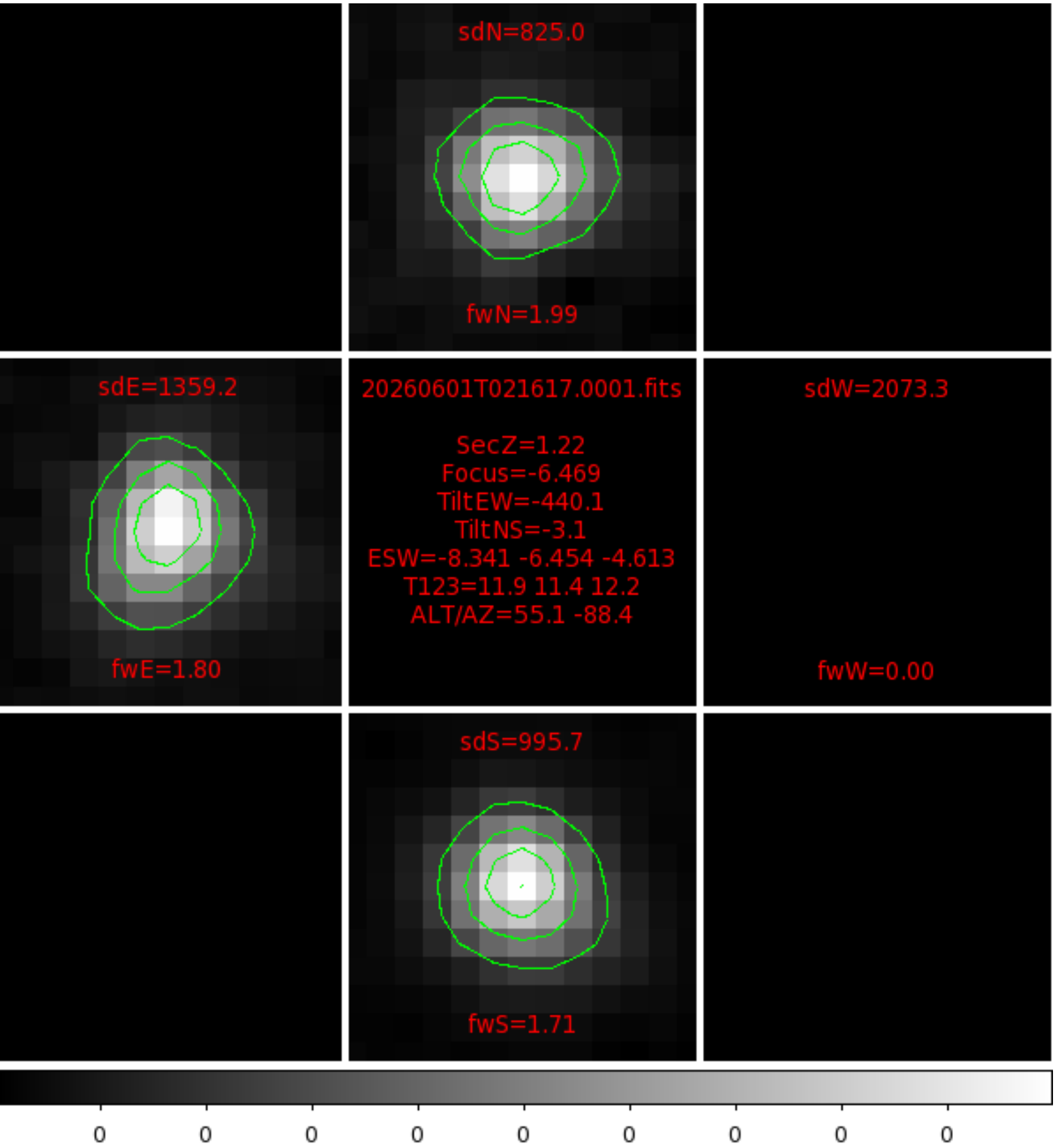
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T123=11.9 11.4 12.2
ALT/AZ=55.1 -88.4
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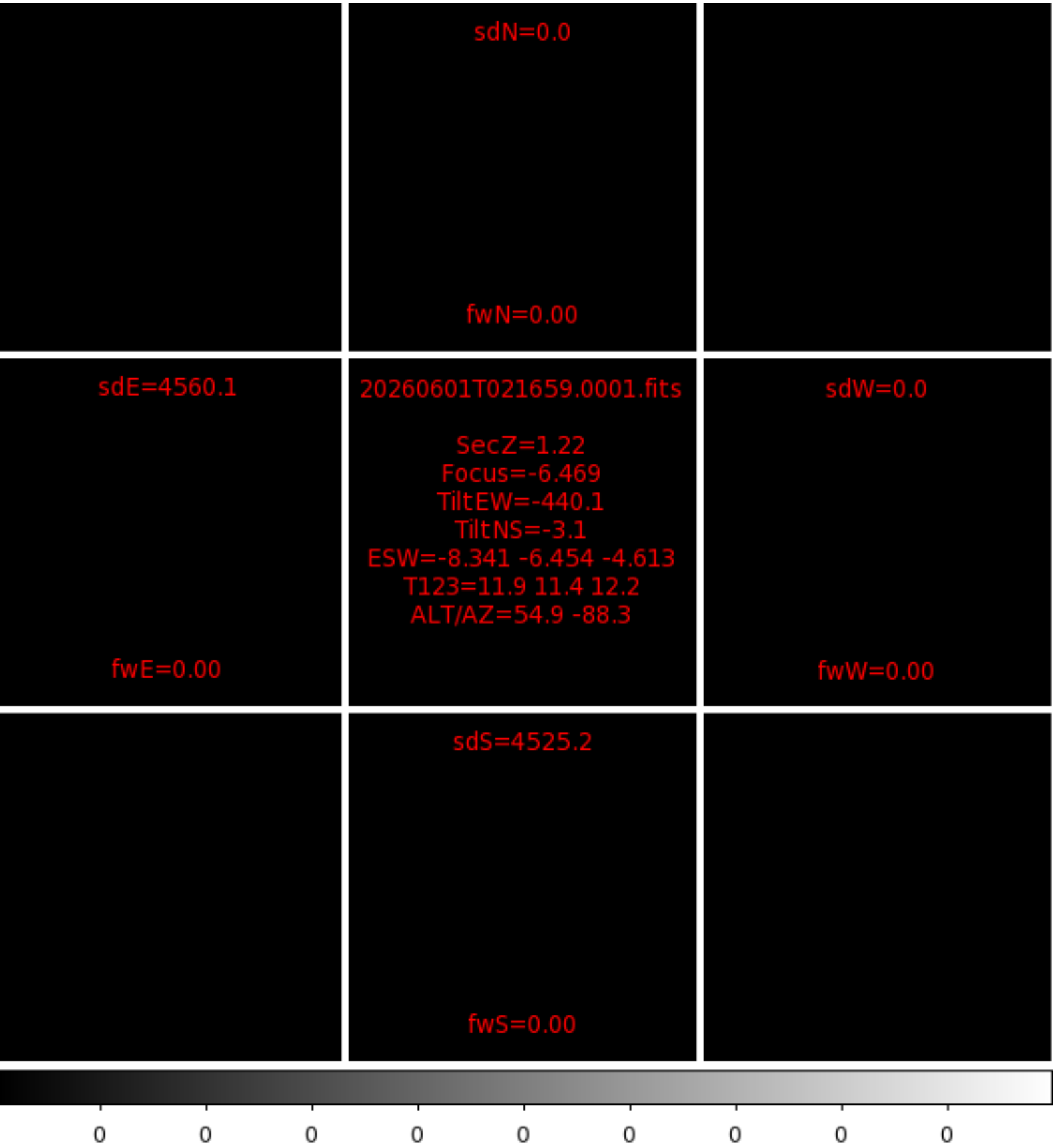
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T123=11.9 11.4 12.2
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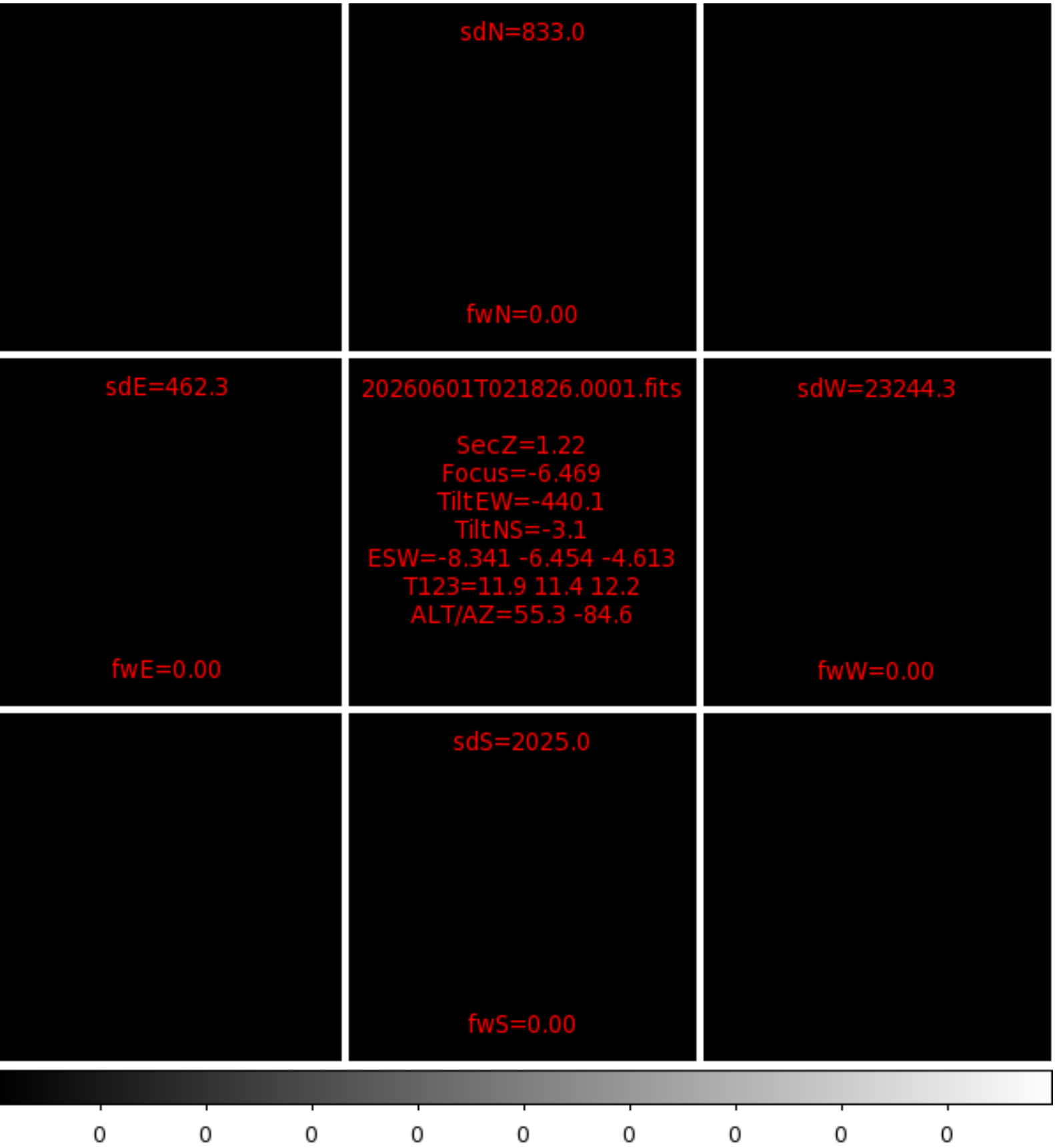
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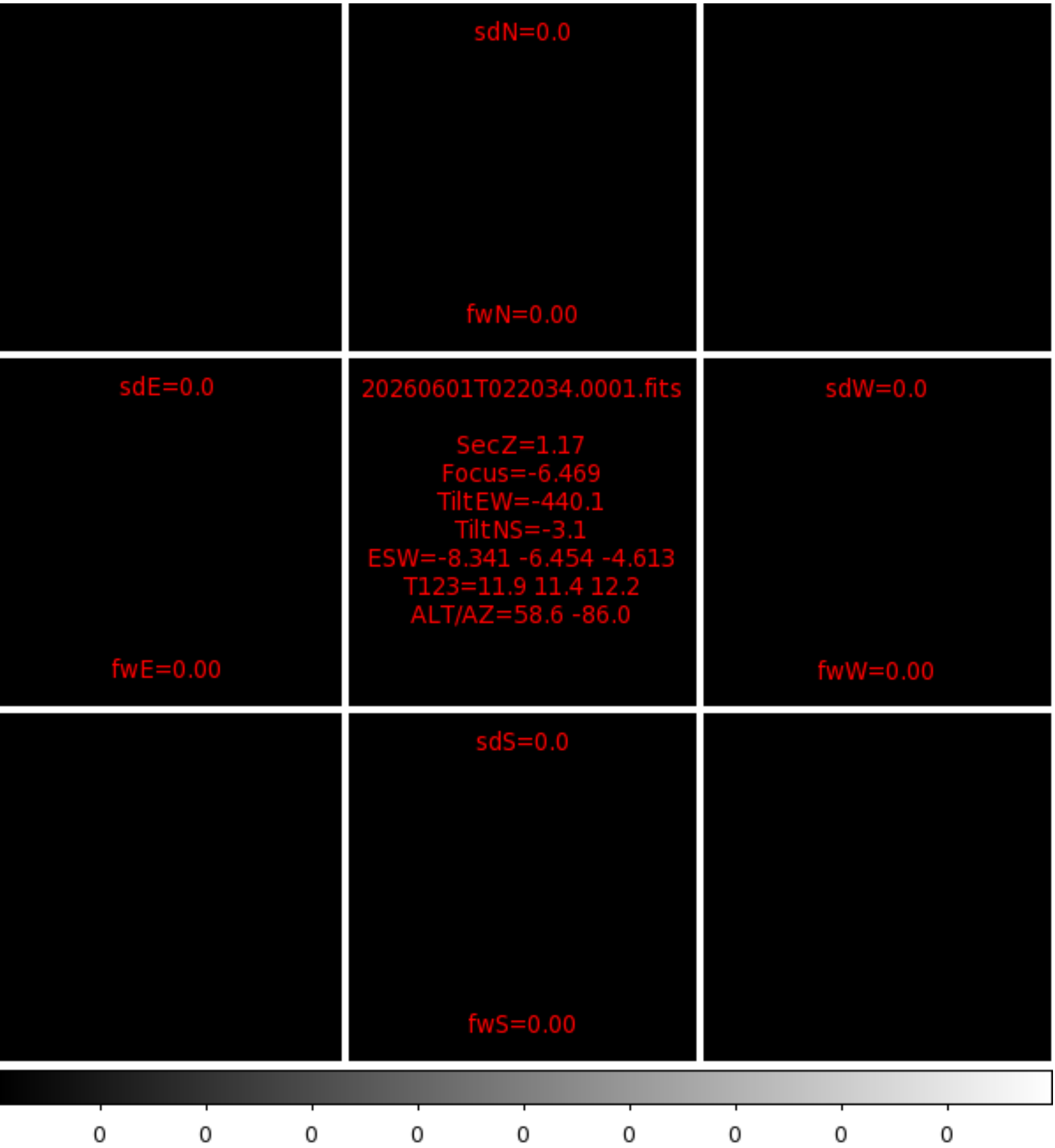
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ESW=-8.341 -6.454 -4.613
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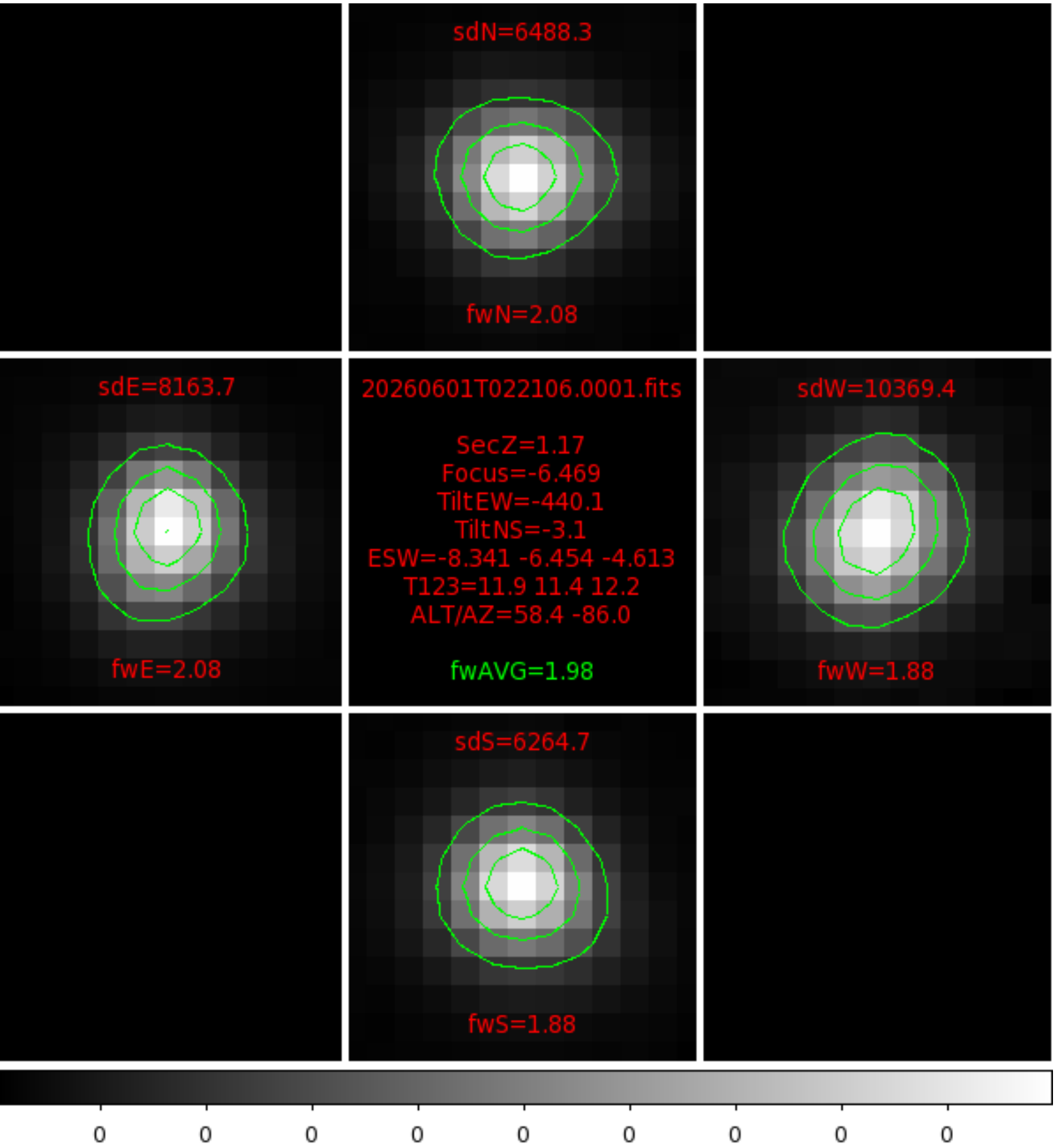
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T123=11.9 11.4 12.2
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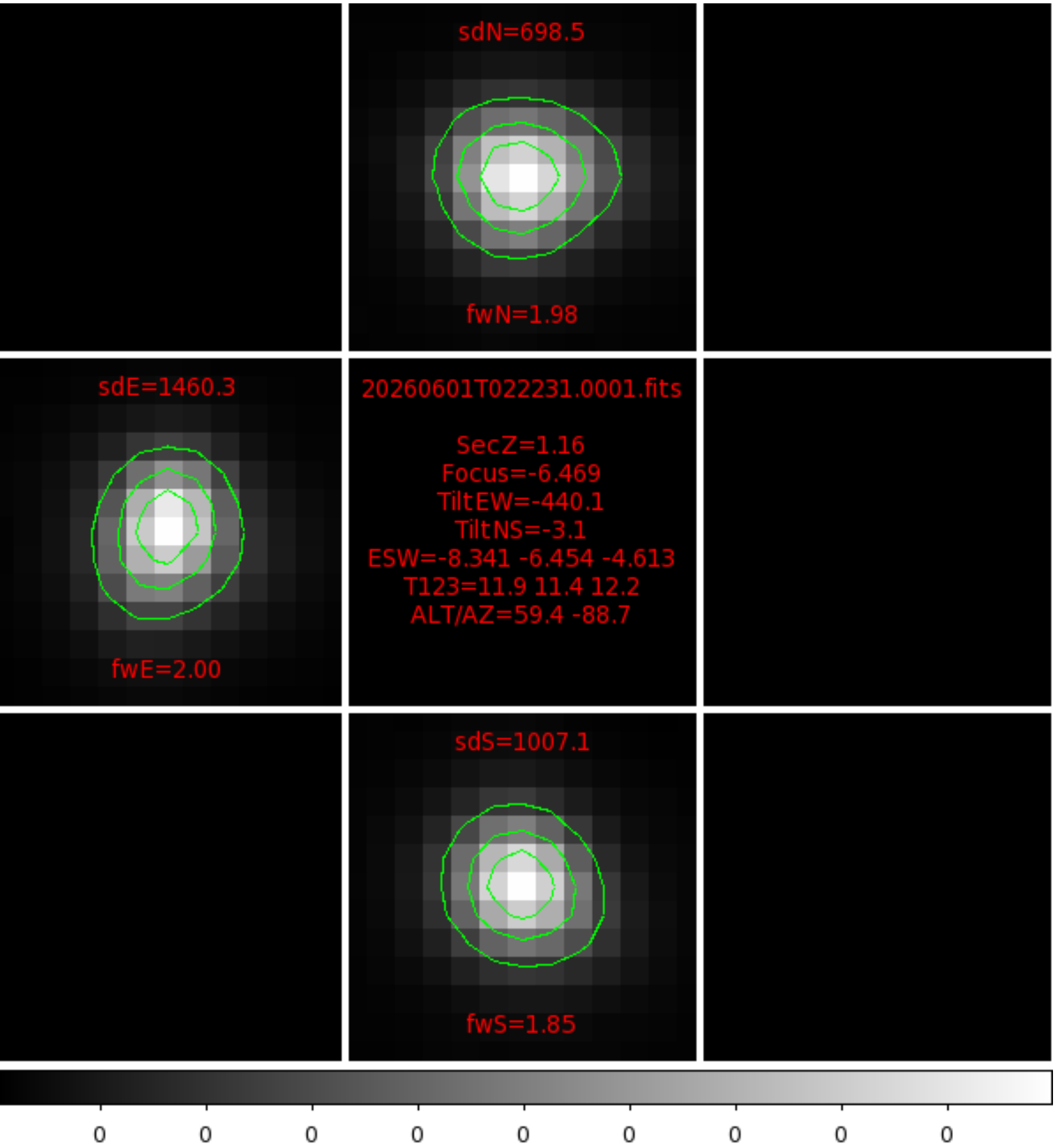
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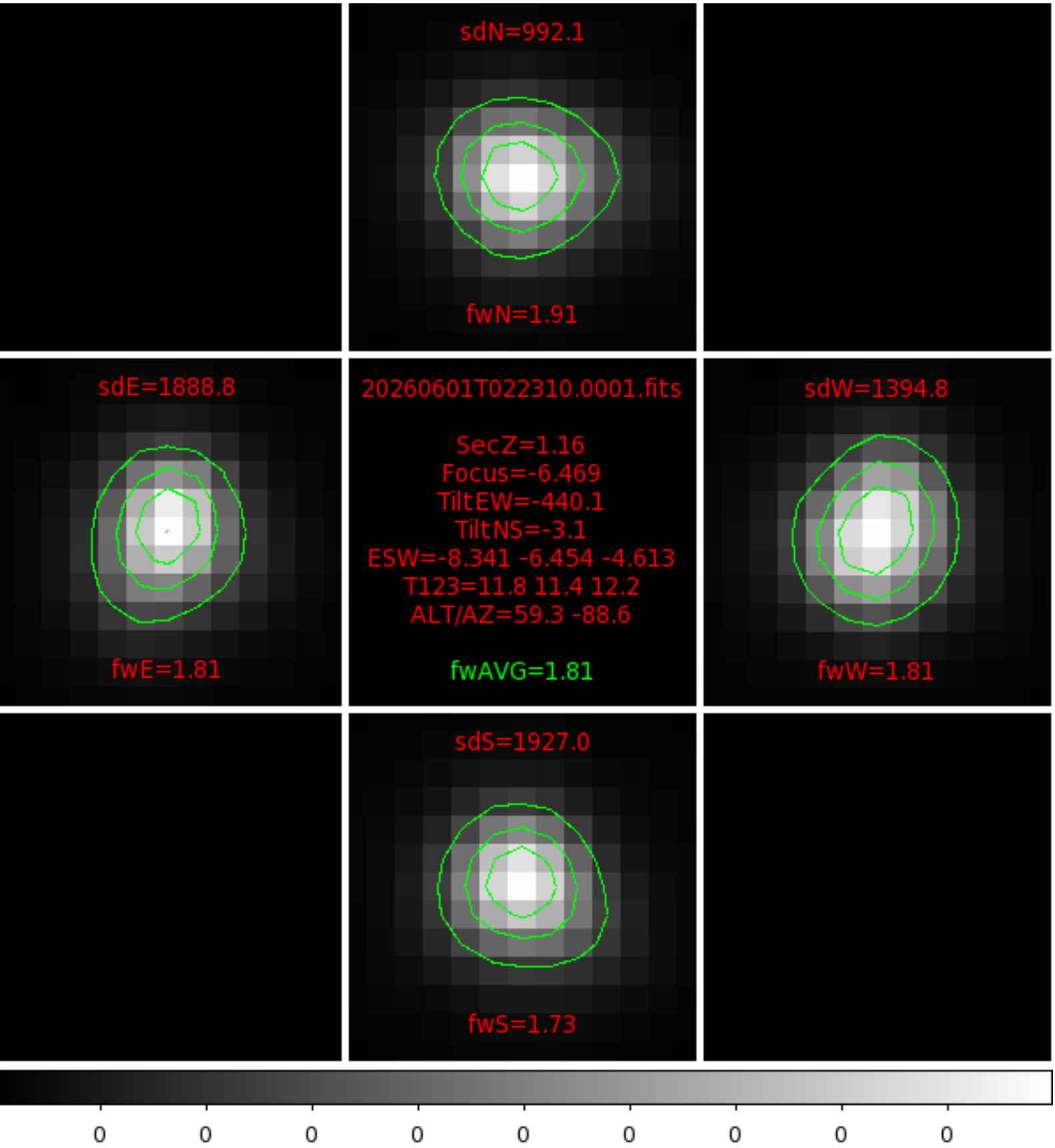
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T123=11.8 11.4 12.2
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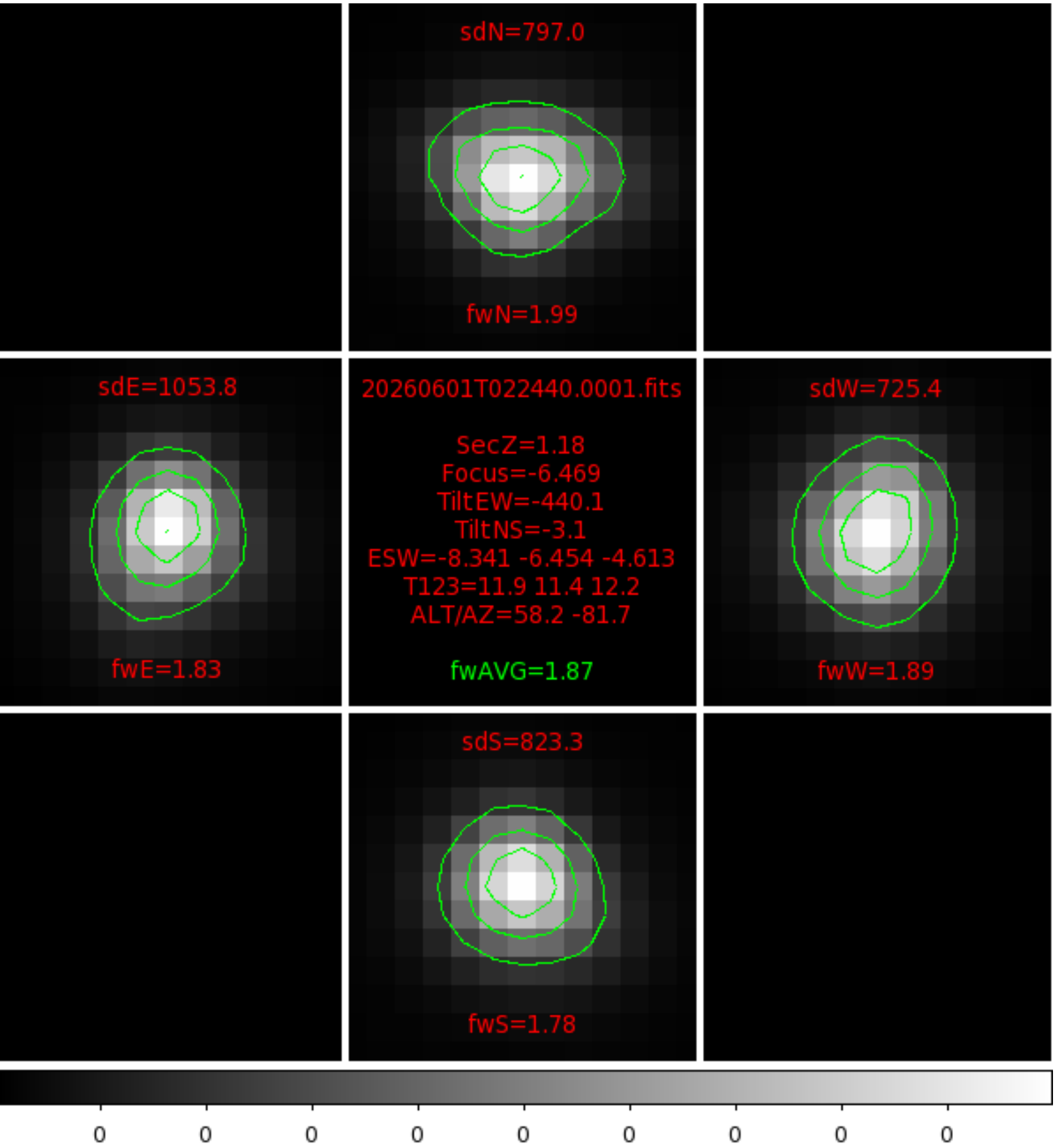
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TiltNS=-3.1
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T123=11.9 11.4 12.2
ALT/AZ=58.2 -81.7
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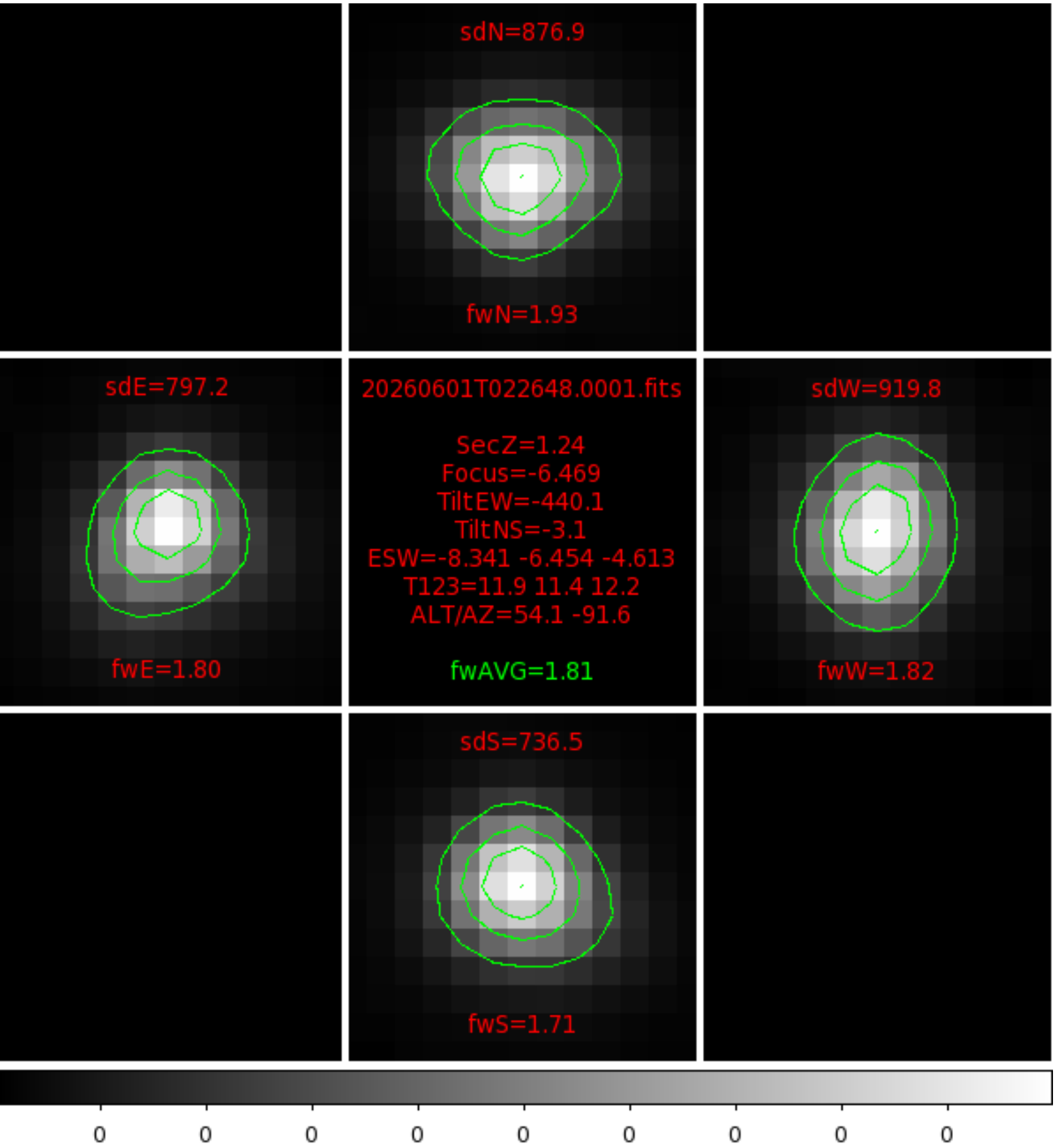
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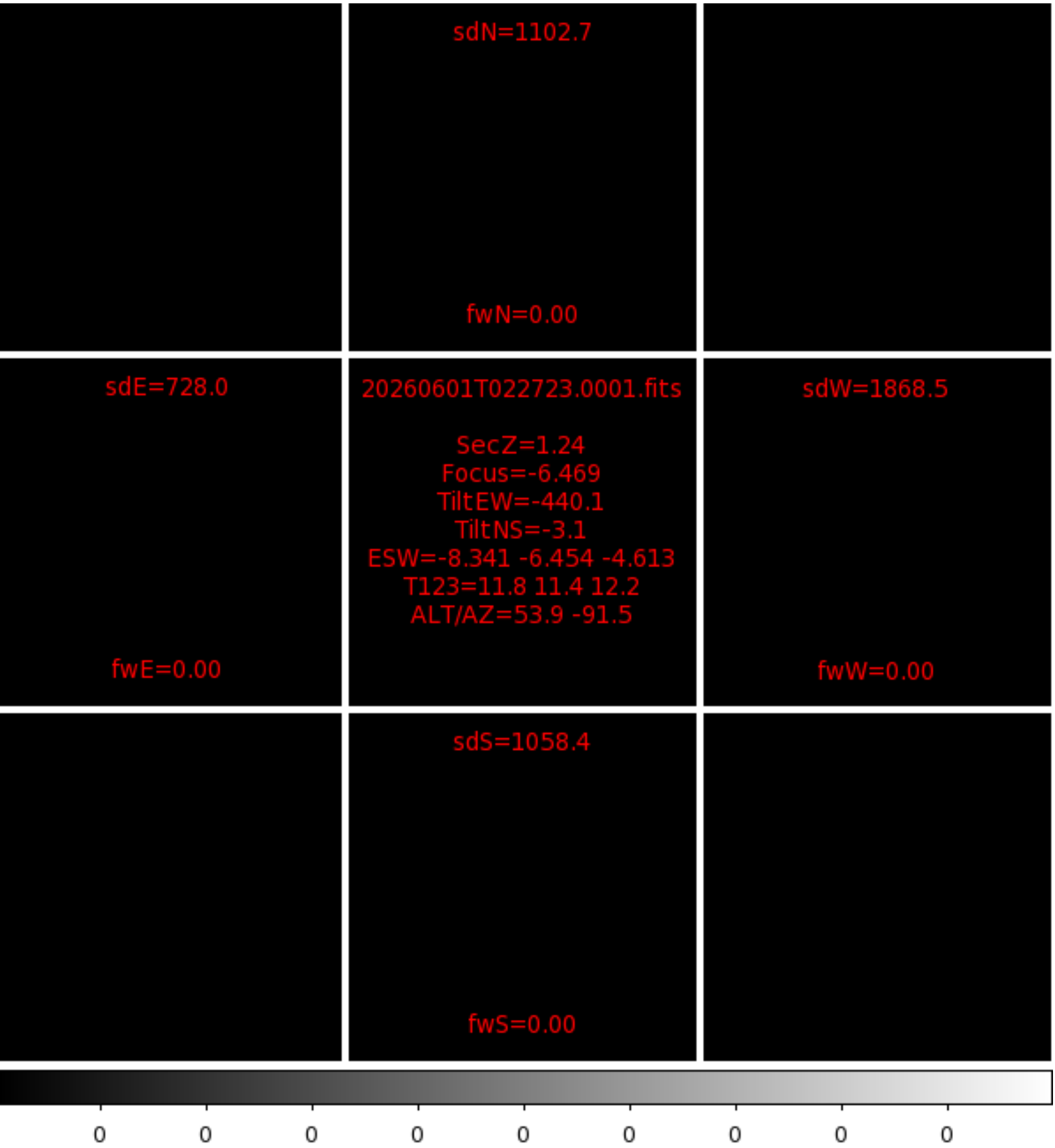
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T123=11.8 11.4 12.2
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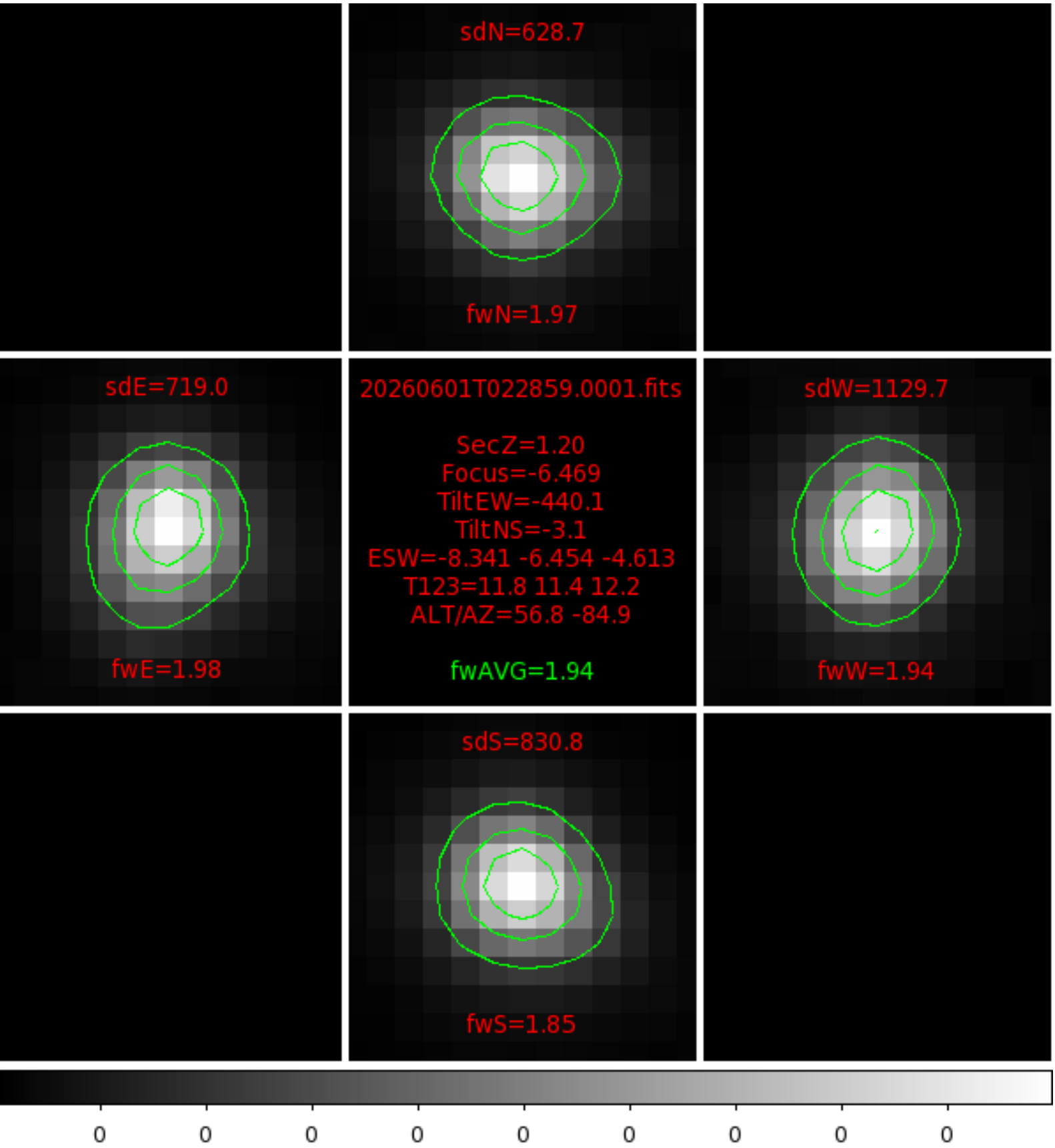
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SecZ=1.20
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.8 11.4 12.2
ALT/AZ=56.8 -84.9
fwAVG=1.94
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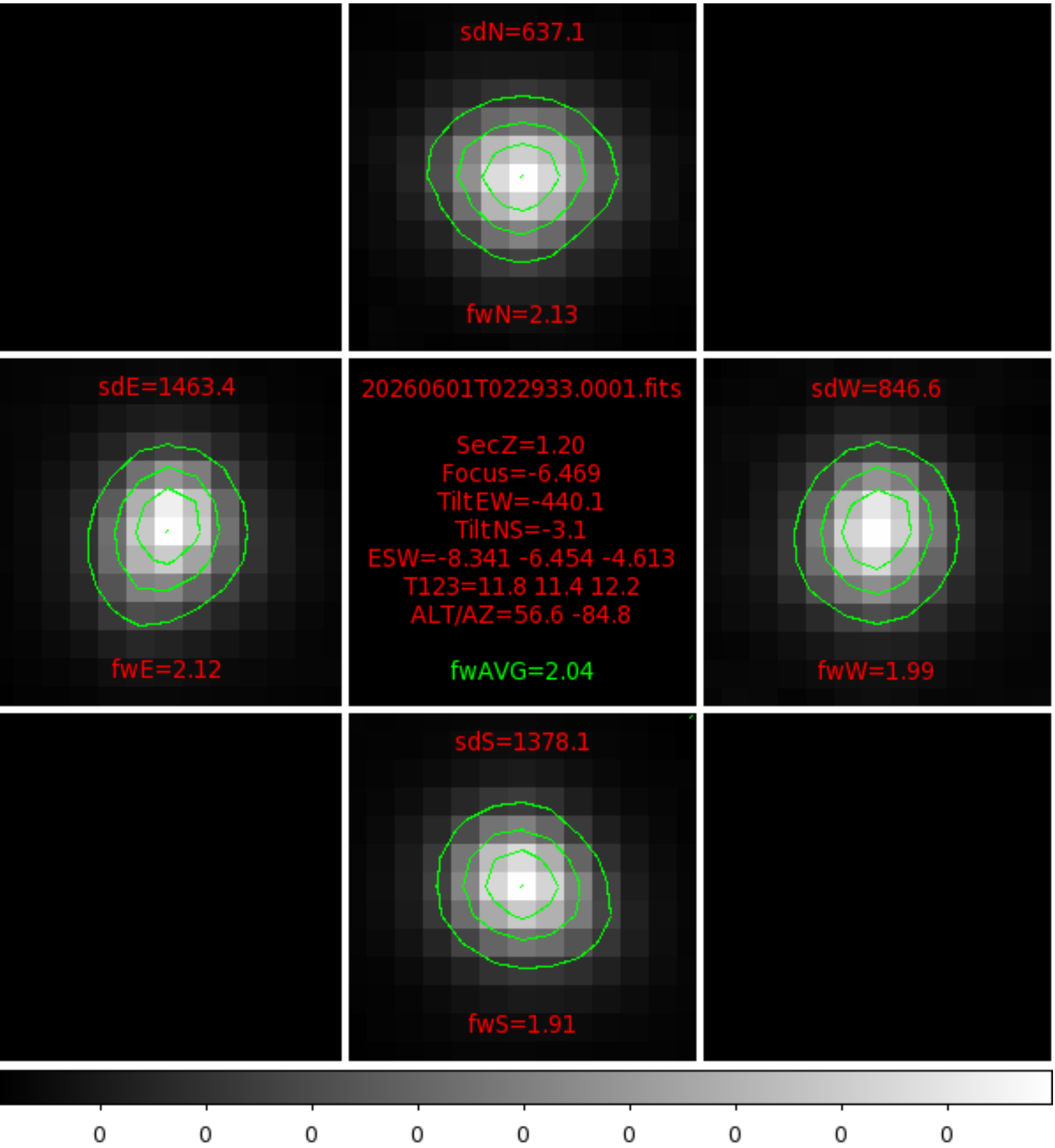
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T123=11.8 11.4 12.2
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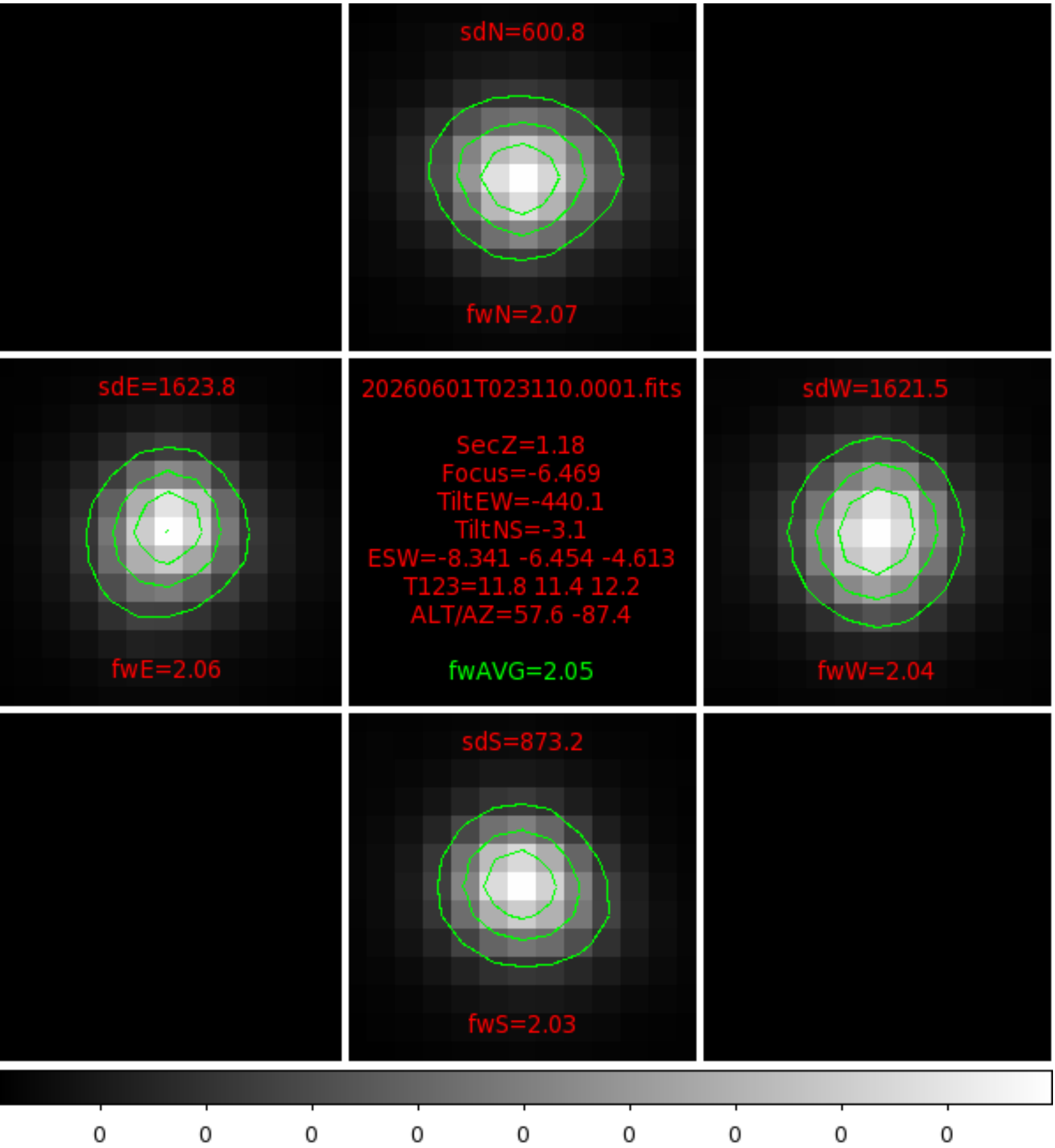
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T123=11.8 11.4 12.2
ALT/AZ=57.6 -87.4
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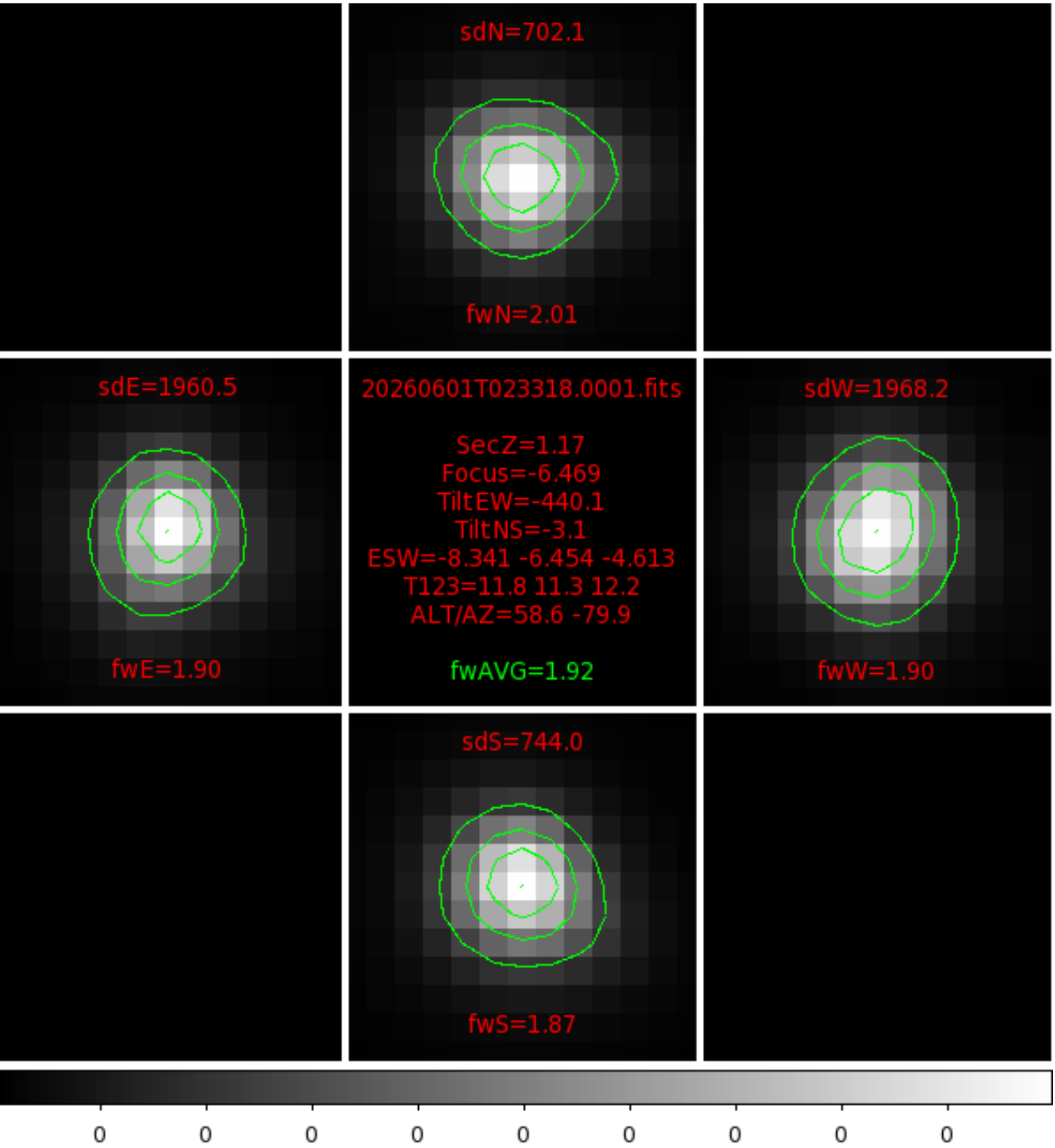
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T123=11.8 11.3 12.2
ALT/AZ=58.6 -79.9
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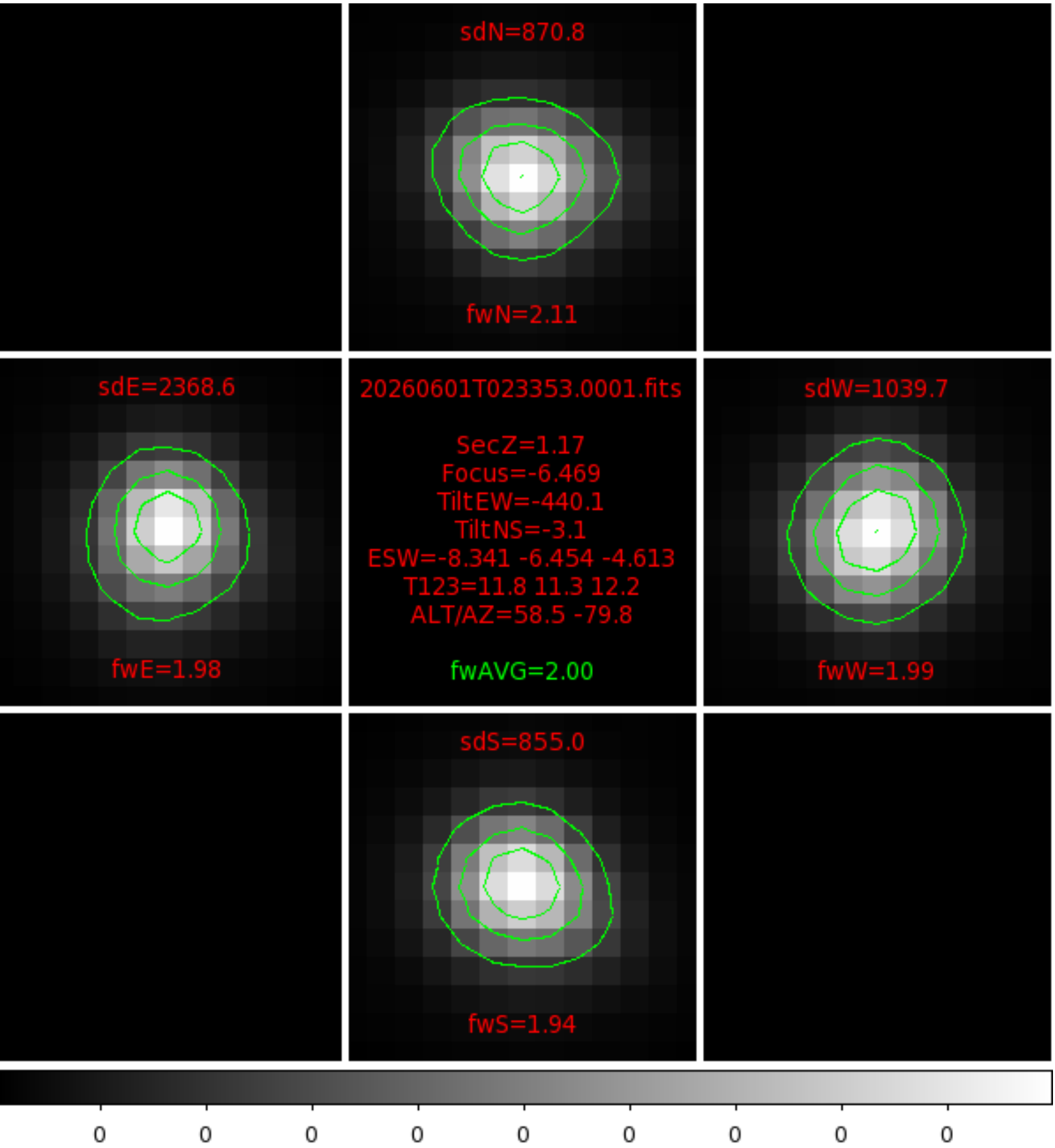
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SecZ=1.17
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T123=11.8 11.3 12.2
ALT/AZ=58.5 -79.8
fwAVG=2.00
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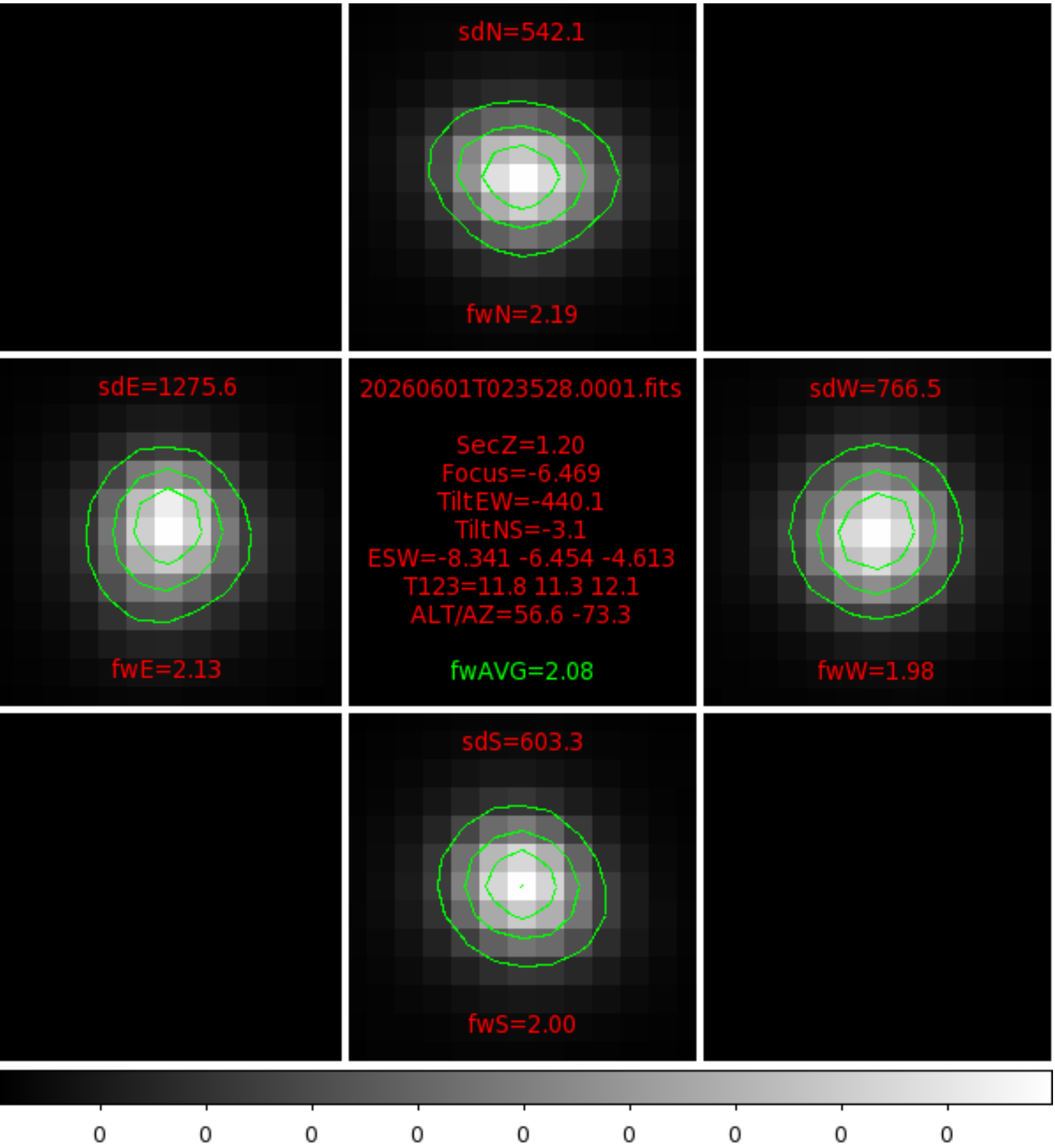
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.8 11.3 12.1
ALT/AZ=56.6 -73.3
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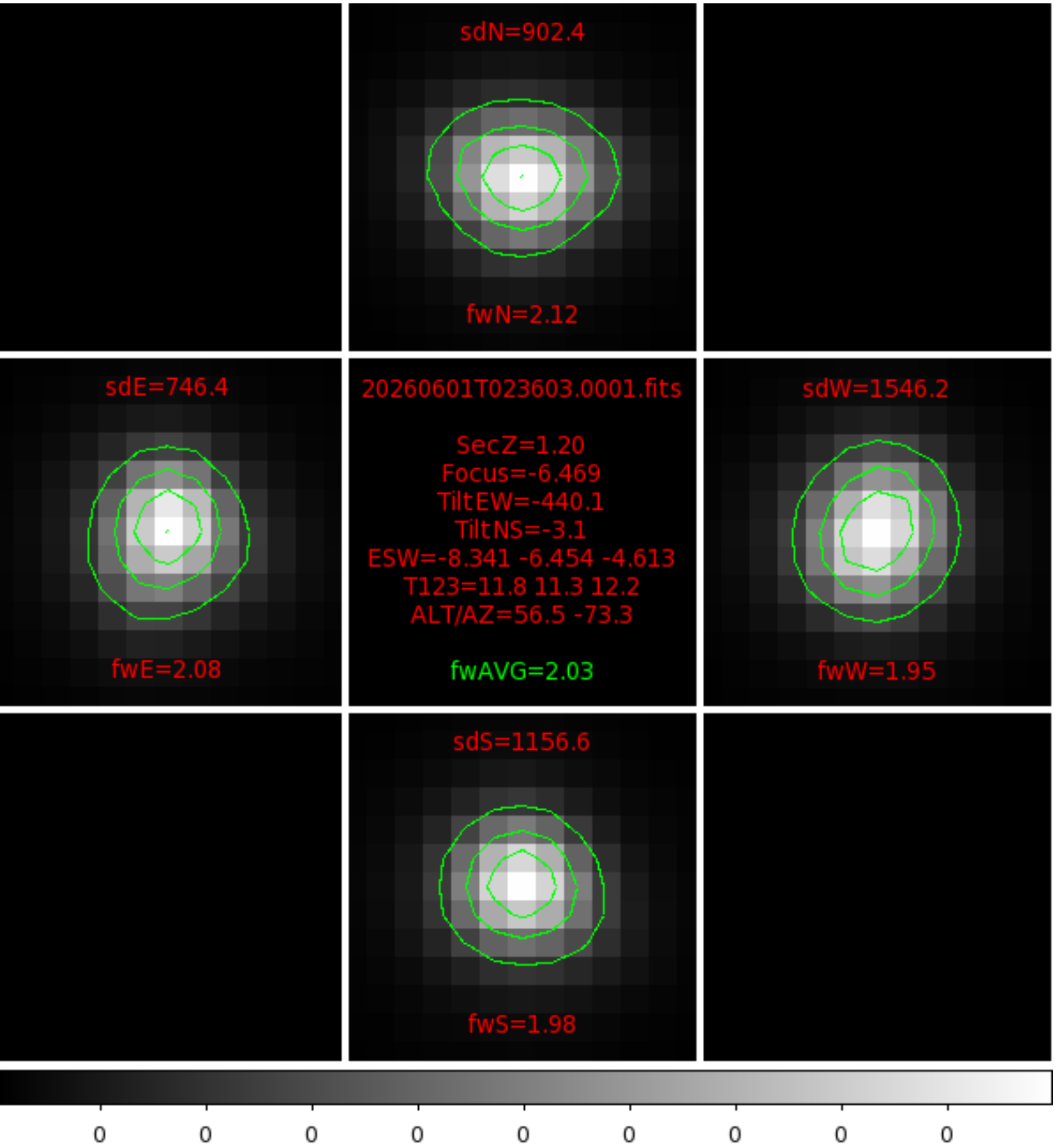
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.8 11.3 12.2
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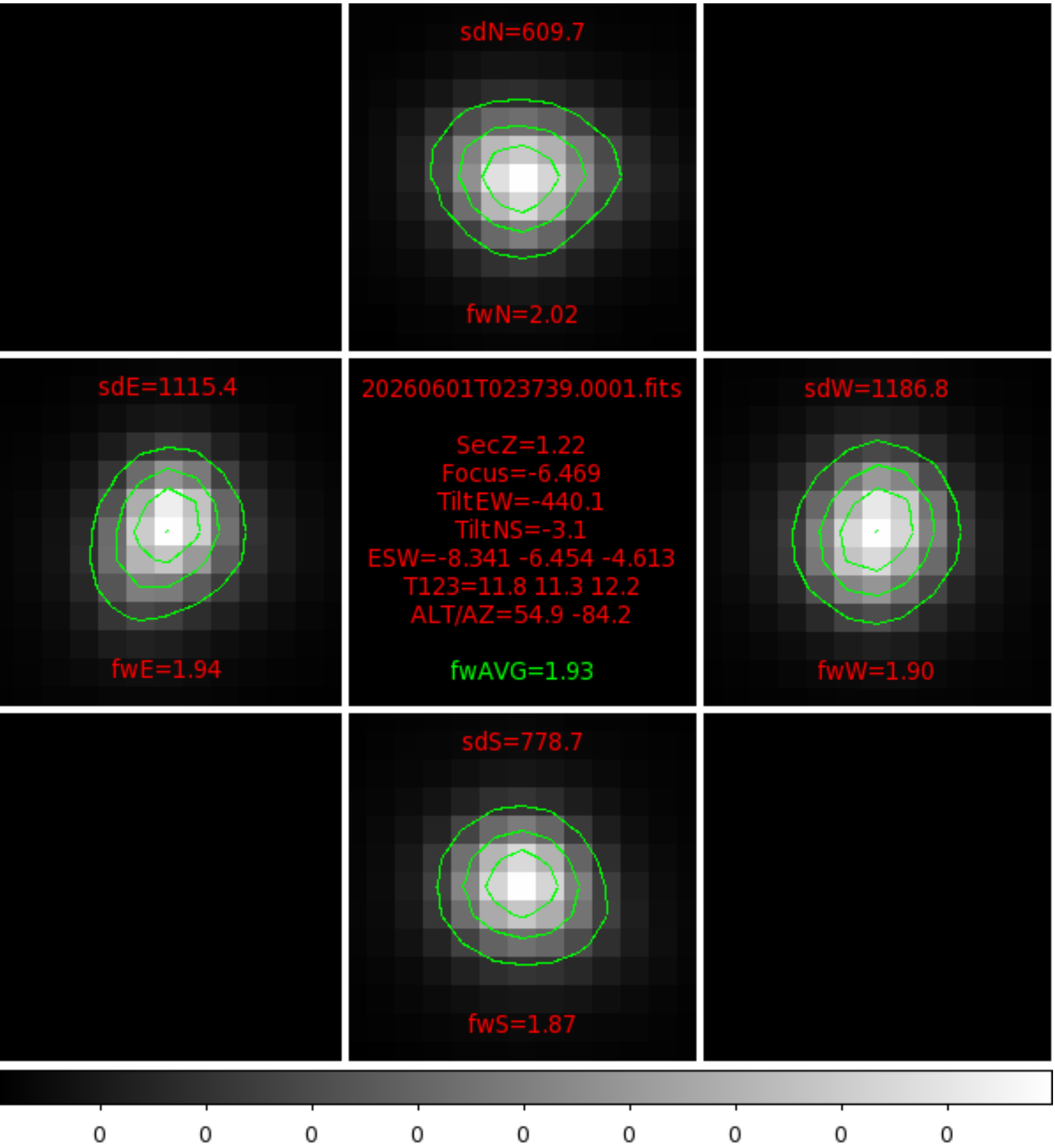
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SecZ=1.22
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.8 11.3 12.2
ALT/AZ=54.9 -84.2
fwAVG=1.93
sdW=1186.8
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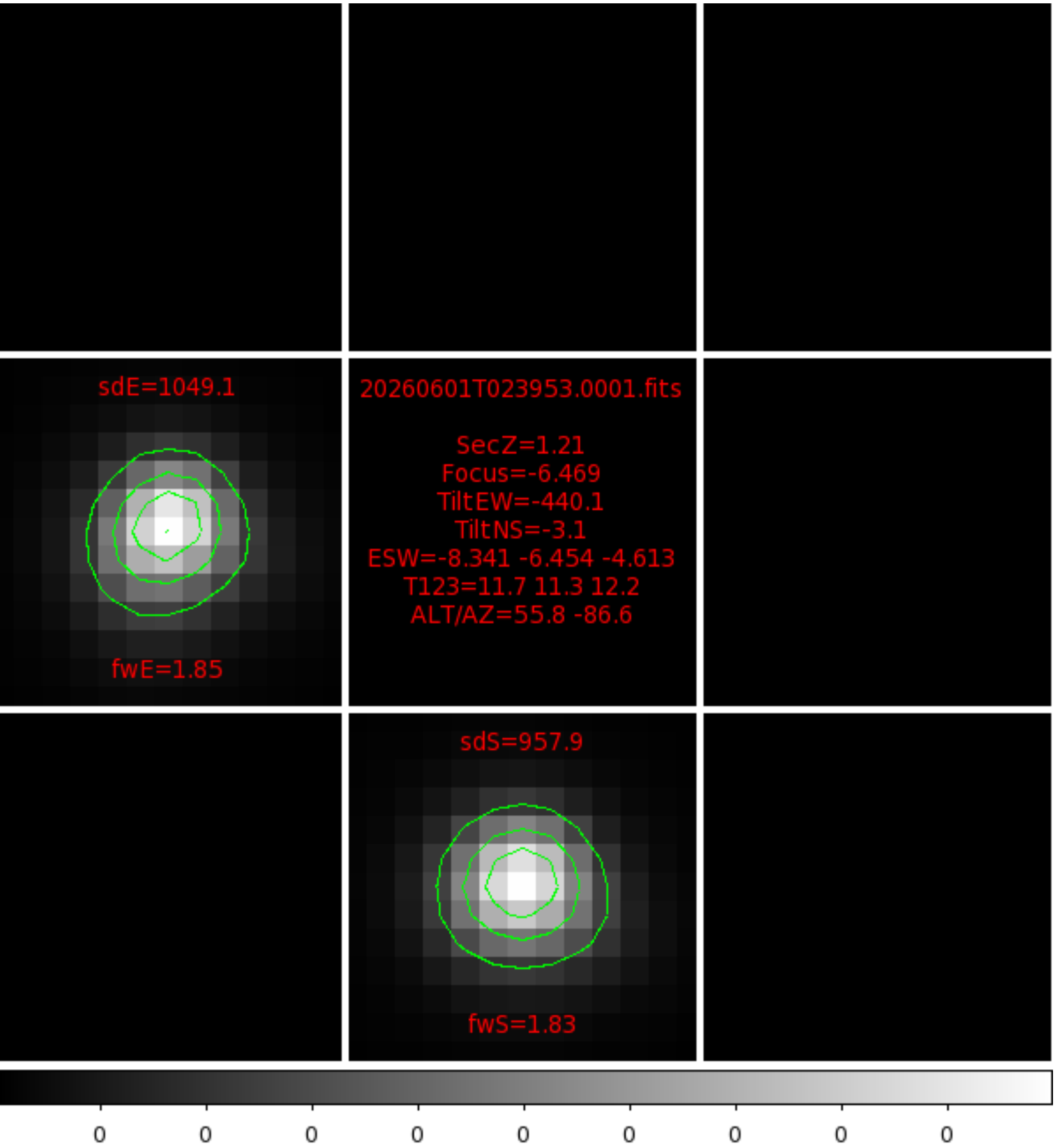
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SecZ=1.21
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T123=11.7 11.3 12.2
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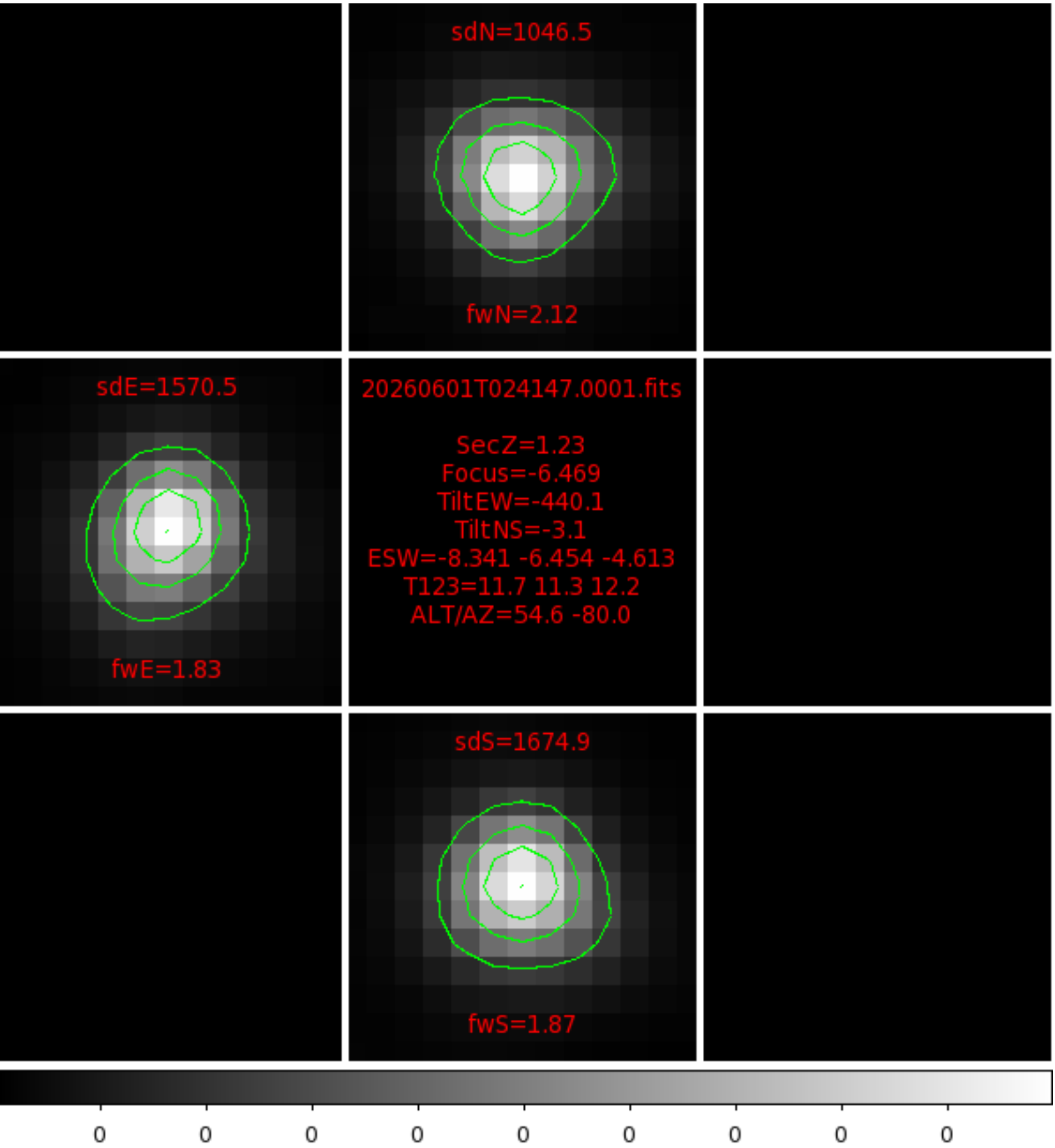
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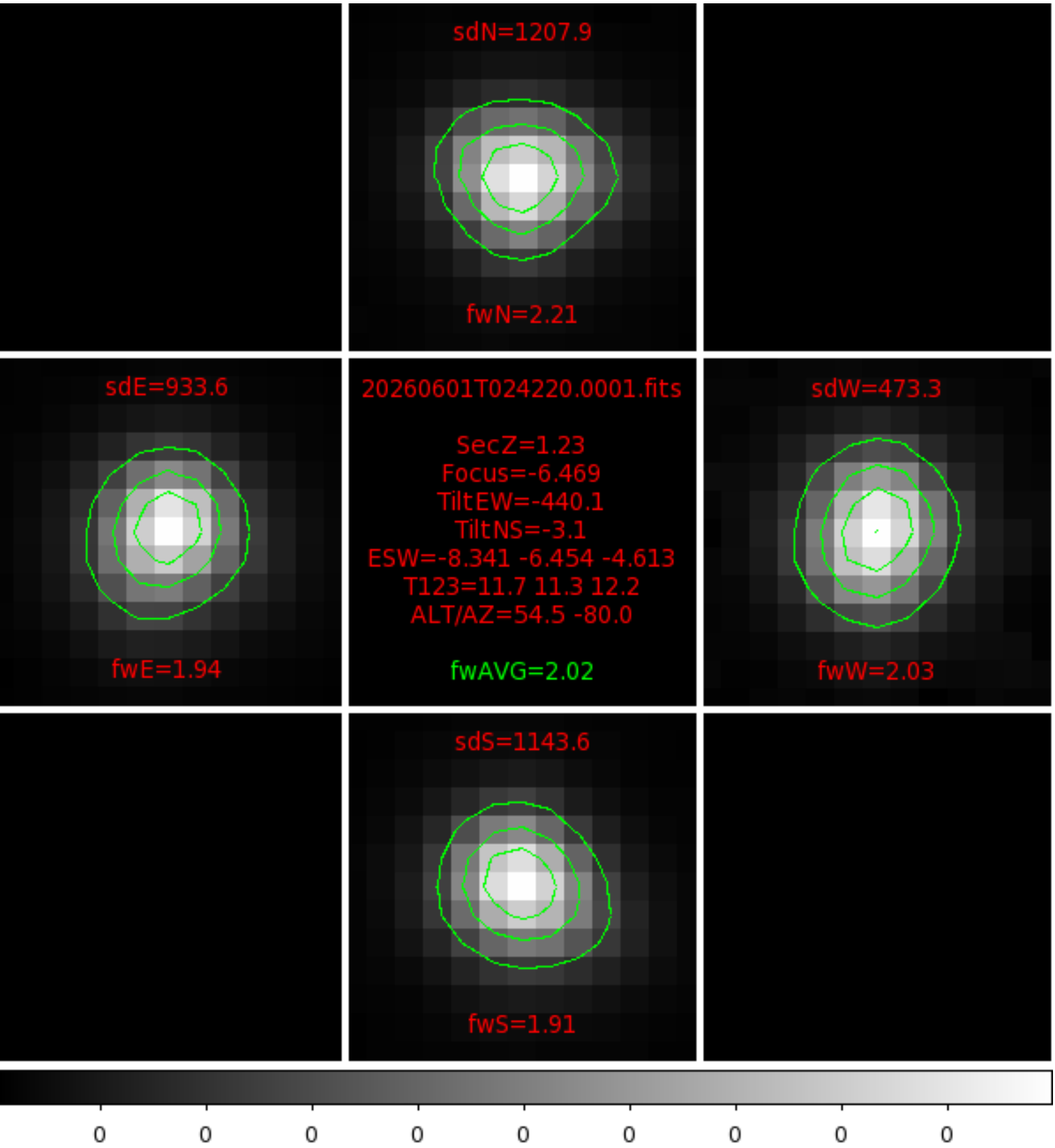
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SecZ=1.23
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.7 11.3 12.2
ALT/AZ=54.5 -80.0
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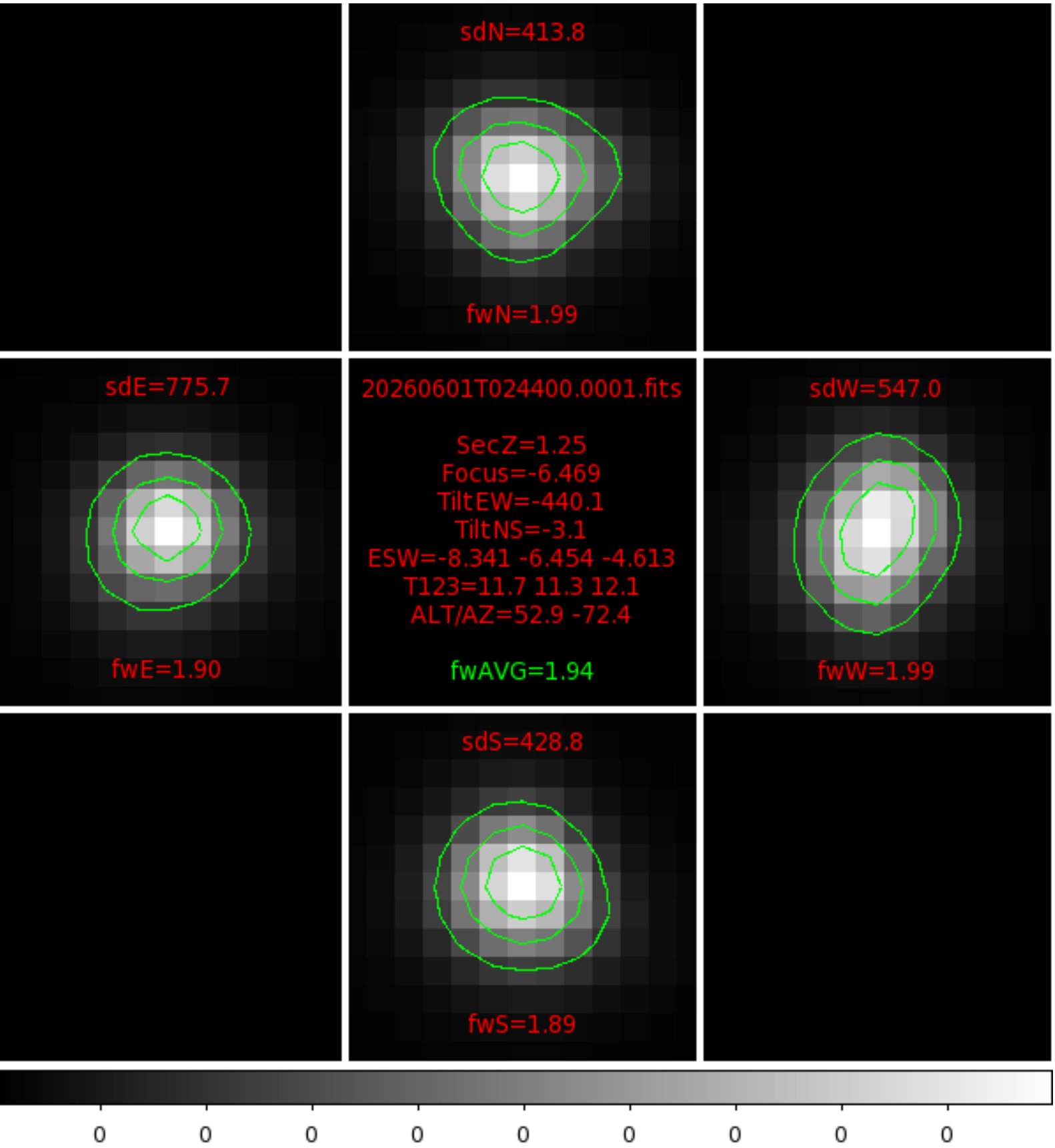
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.7 11.3 12.1
ALT/AZ=52.9 -72.4
fwAVG=1.94
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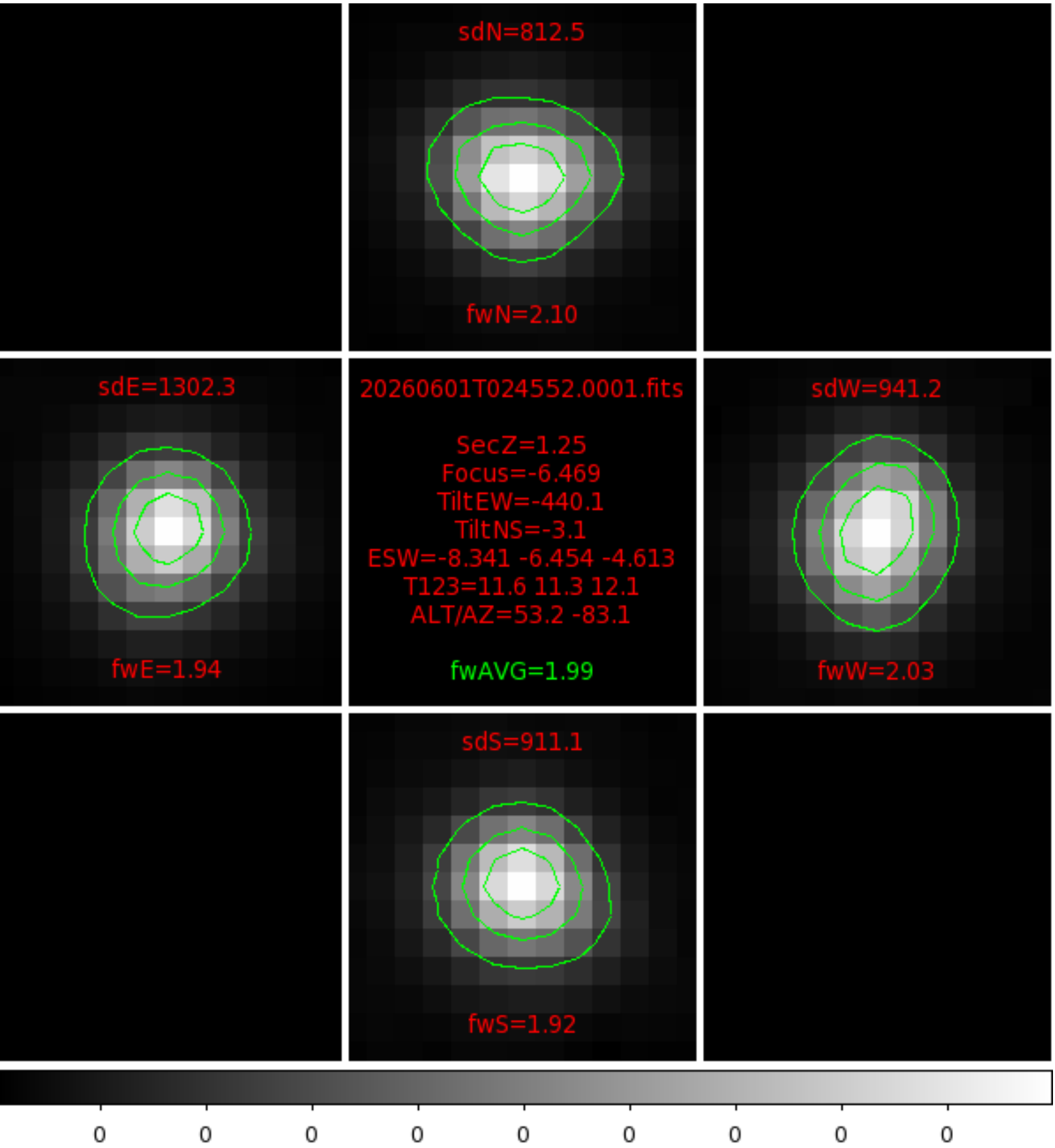
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SecZ=1.25
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ESW=-8.341 -6.454 -4.613
T123=11.6 11.3 12.1
ALT/AZ=53.2 -83.1
fwAVG=1.99
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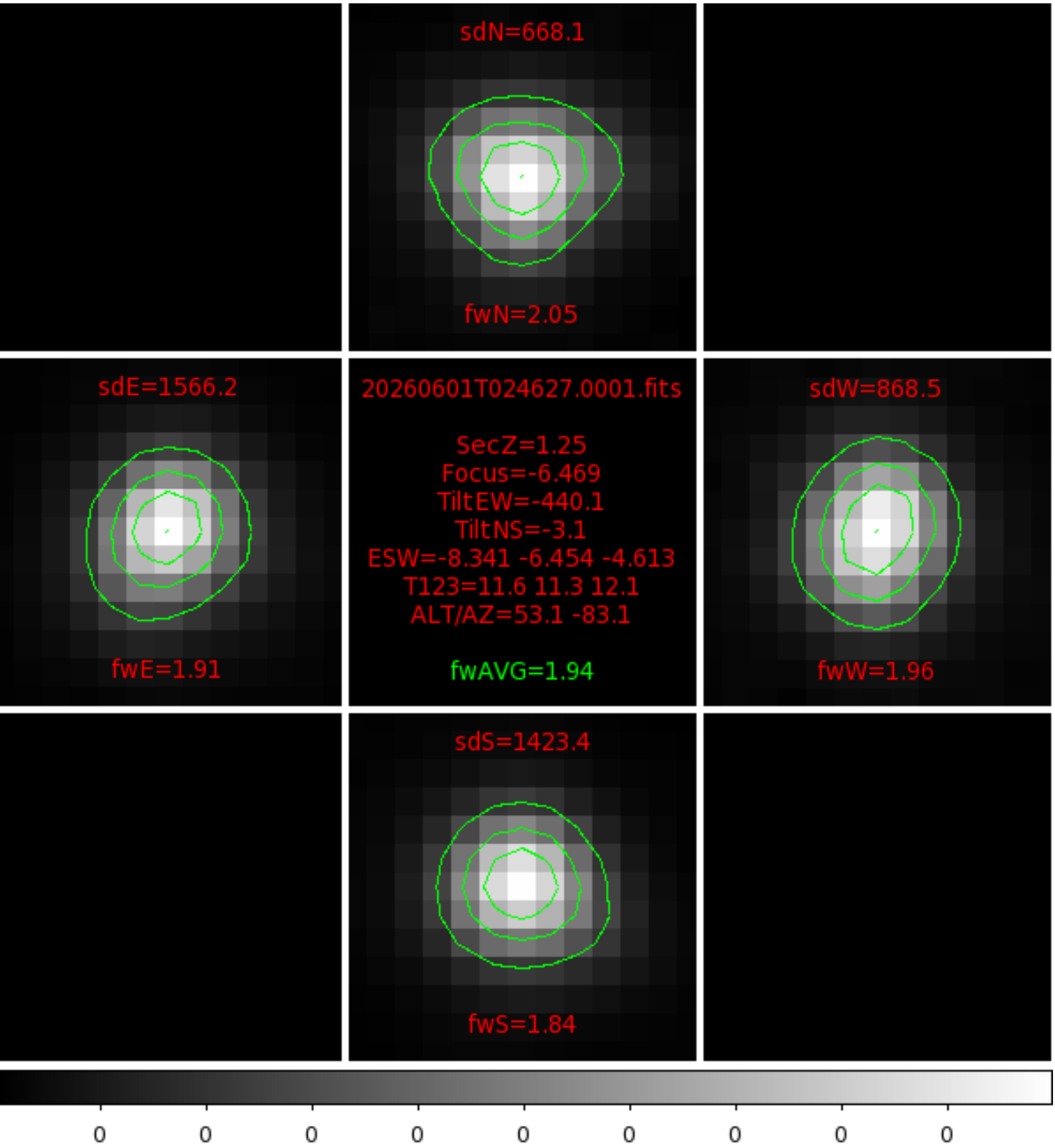
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SecZ=1.25
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.3 12.1
ALT/AZ=53.1 -83.1
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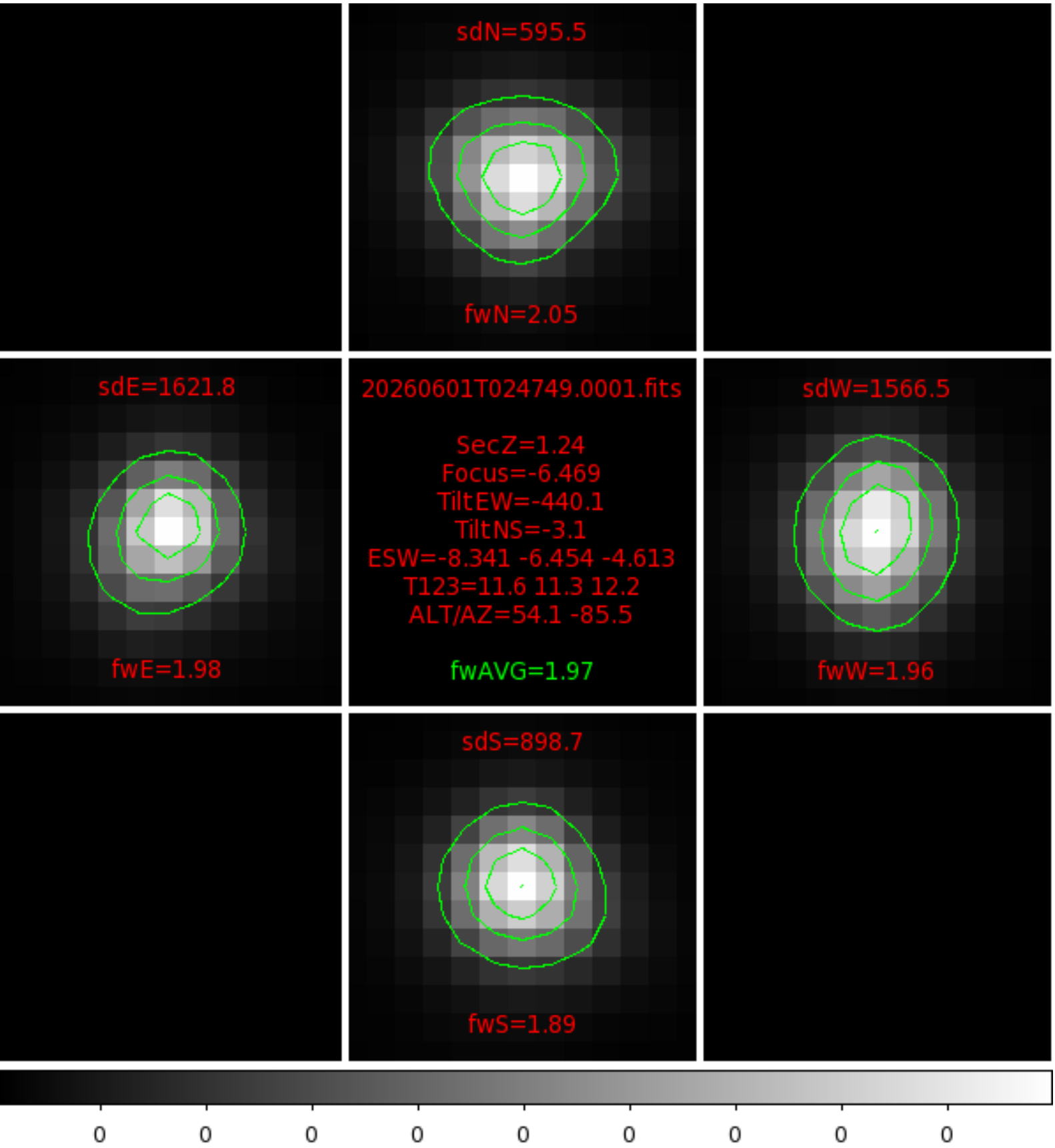
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T123=11.6 11.3 12.2
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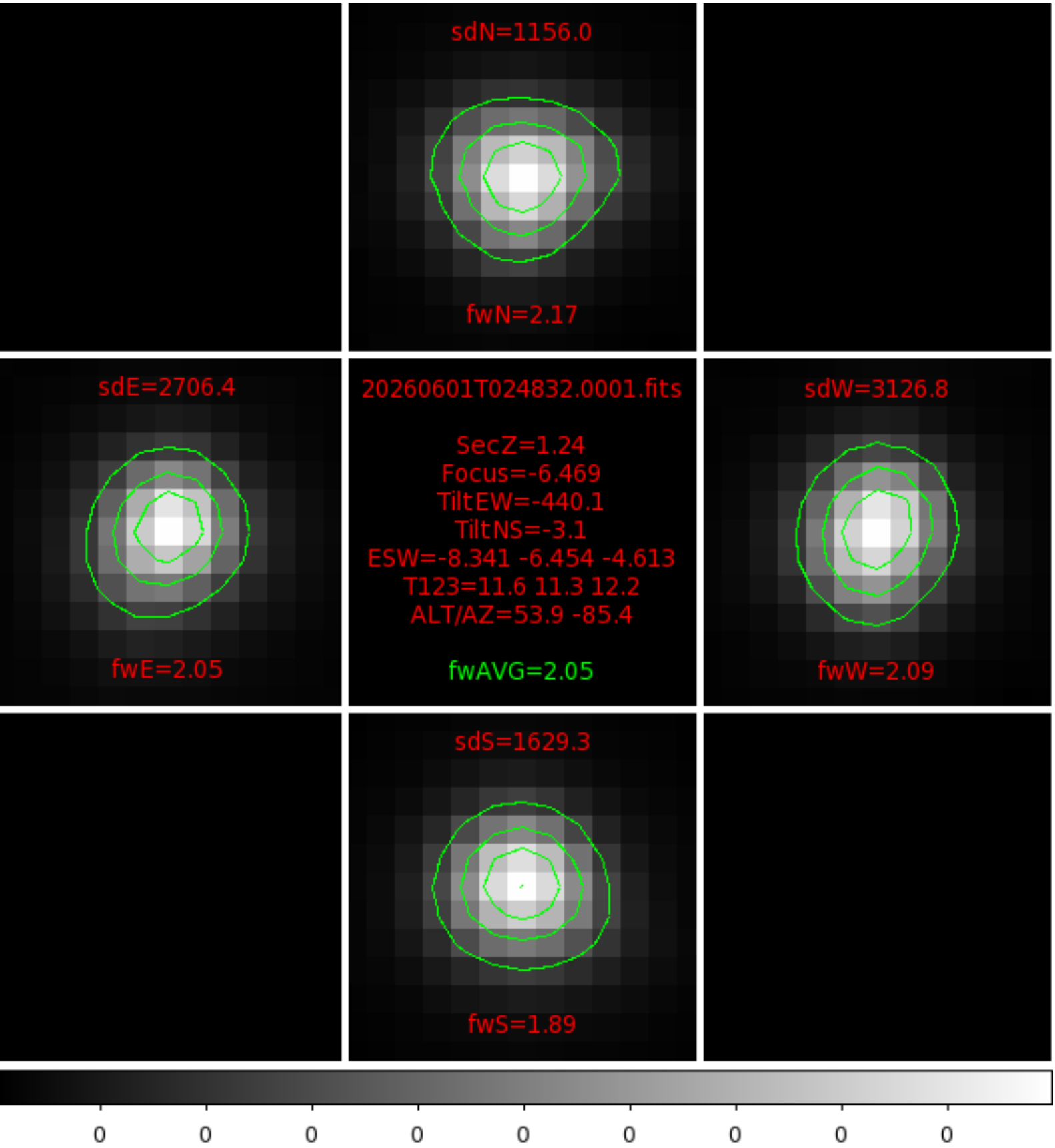
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SecZ=1.24
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ESW=-8.341 -6.454 -4.613
T123=11.6 11.3 12.2
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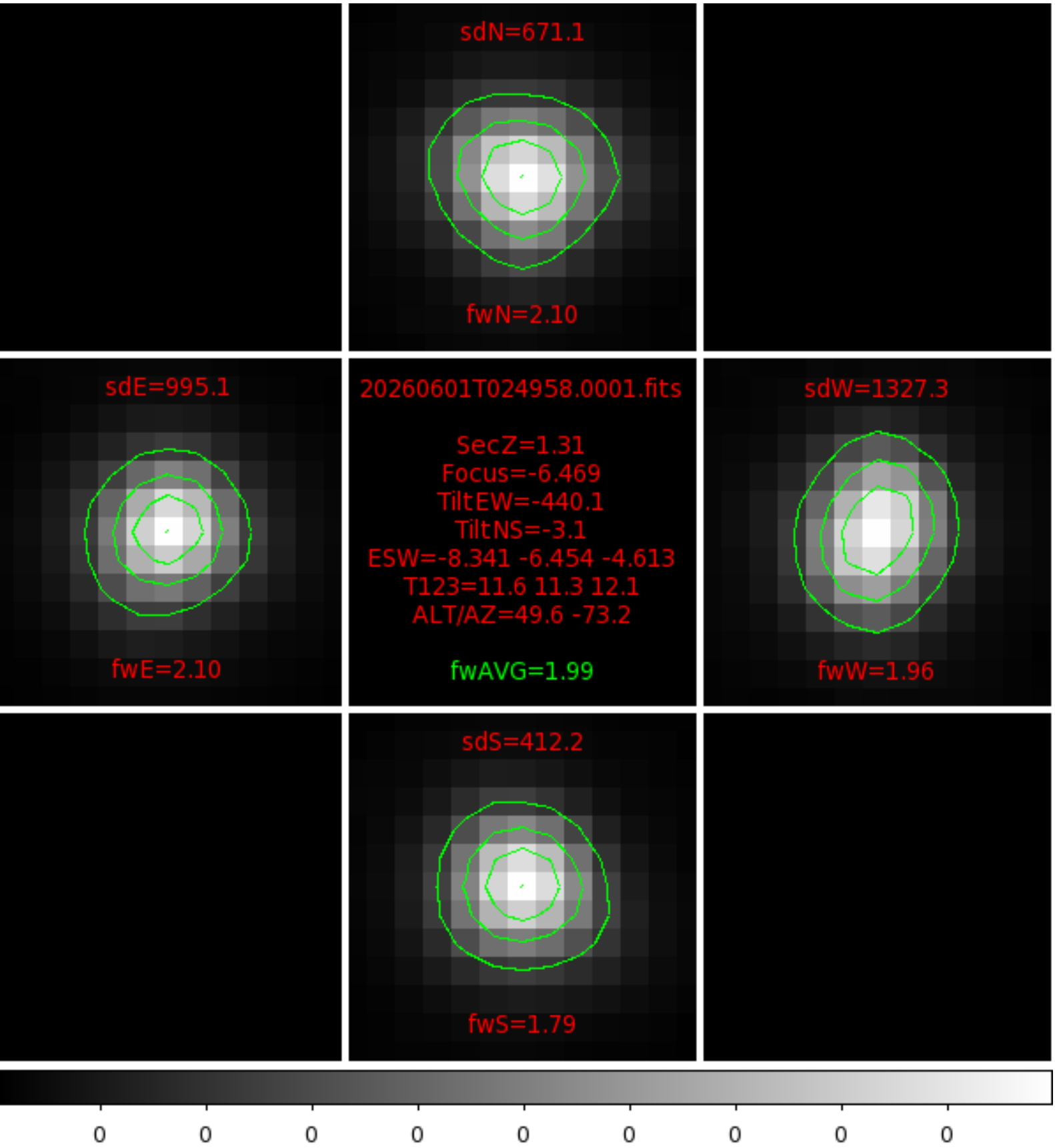
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T123=11.6 11.3 12.1
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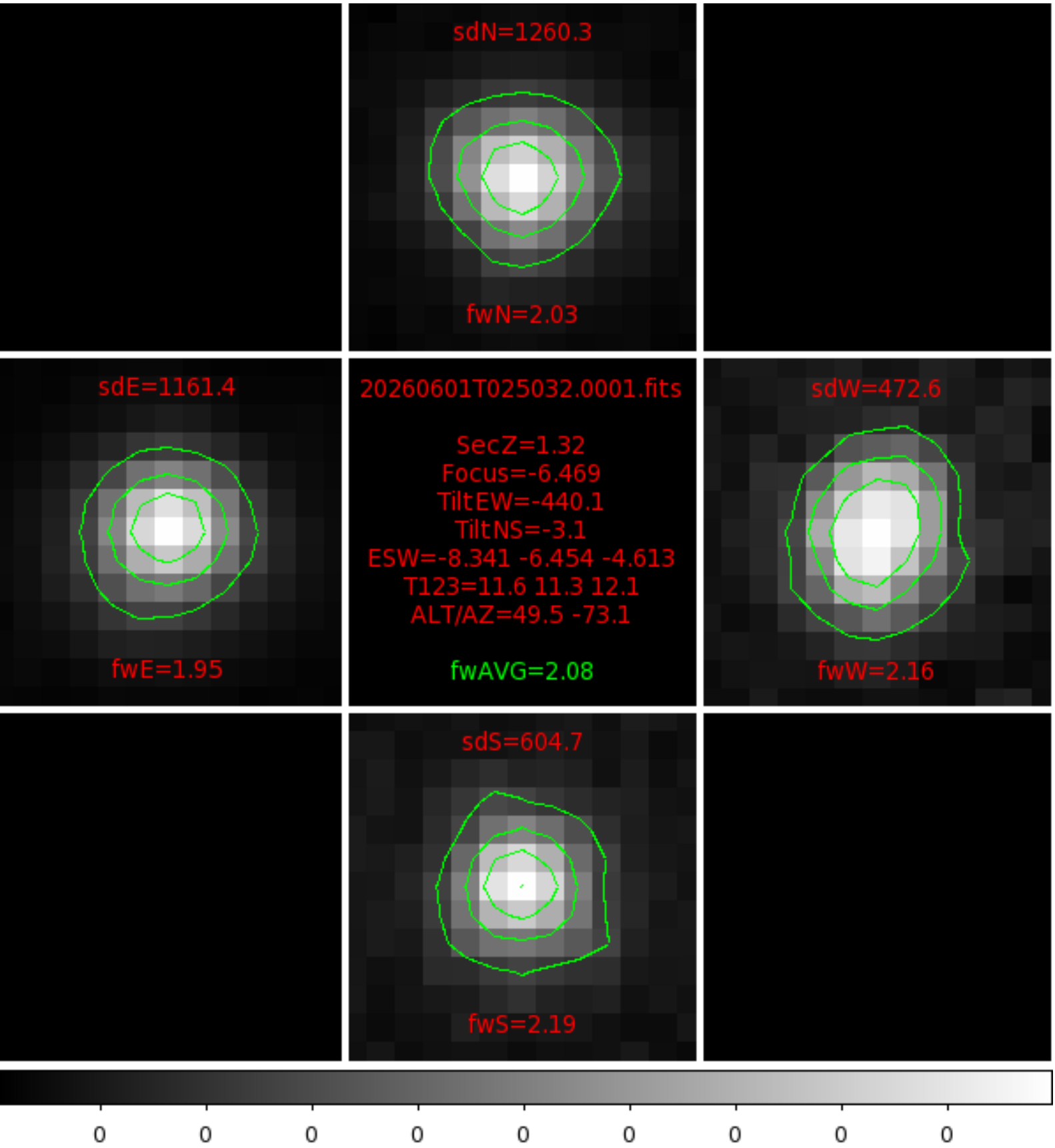
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ESW=-8.341 -6.454 -4.613
T123=11.6 11.3 12.1
ALT/AZ=49.5 -73.1
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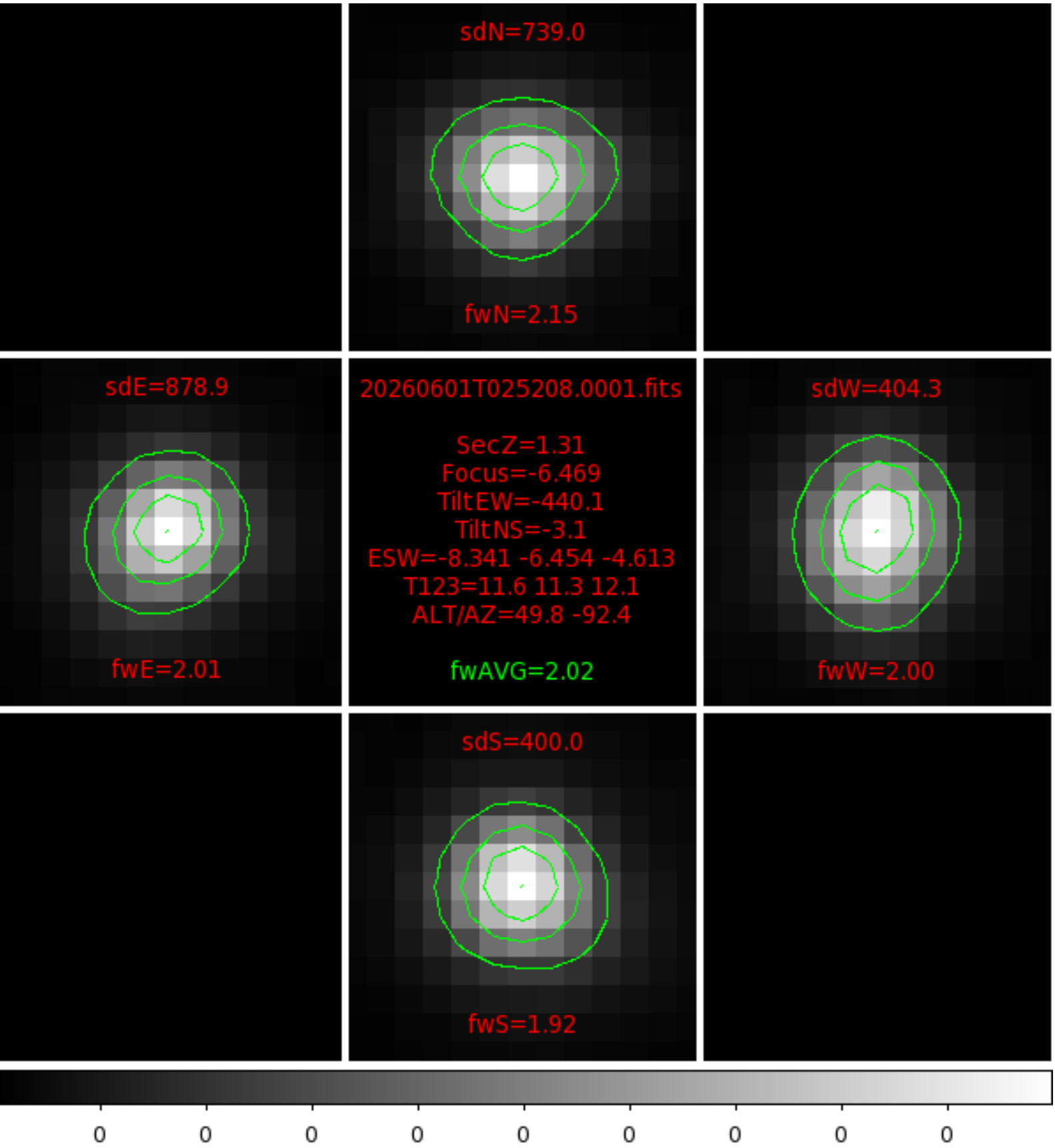
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T123=11.6 11.3 12.1
ALT/AZ=49.8 -92.4
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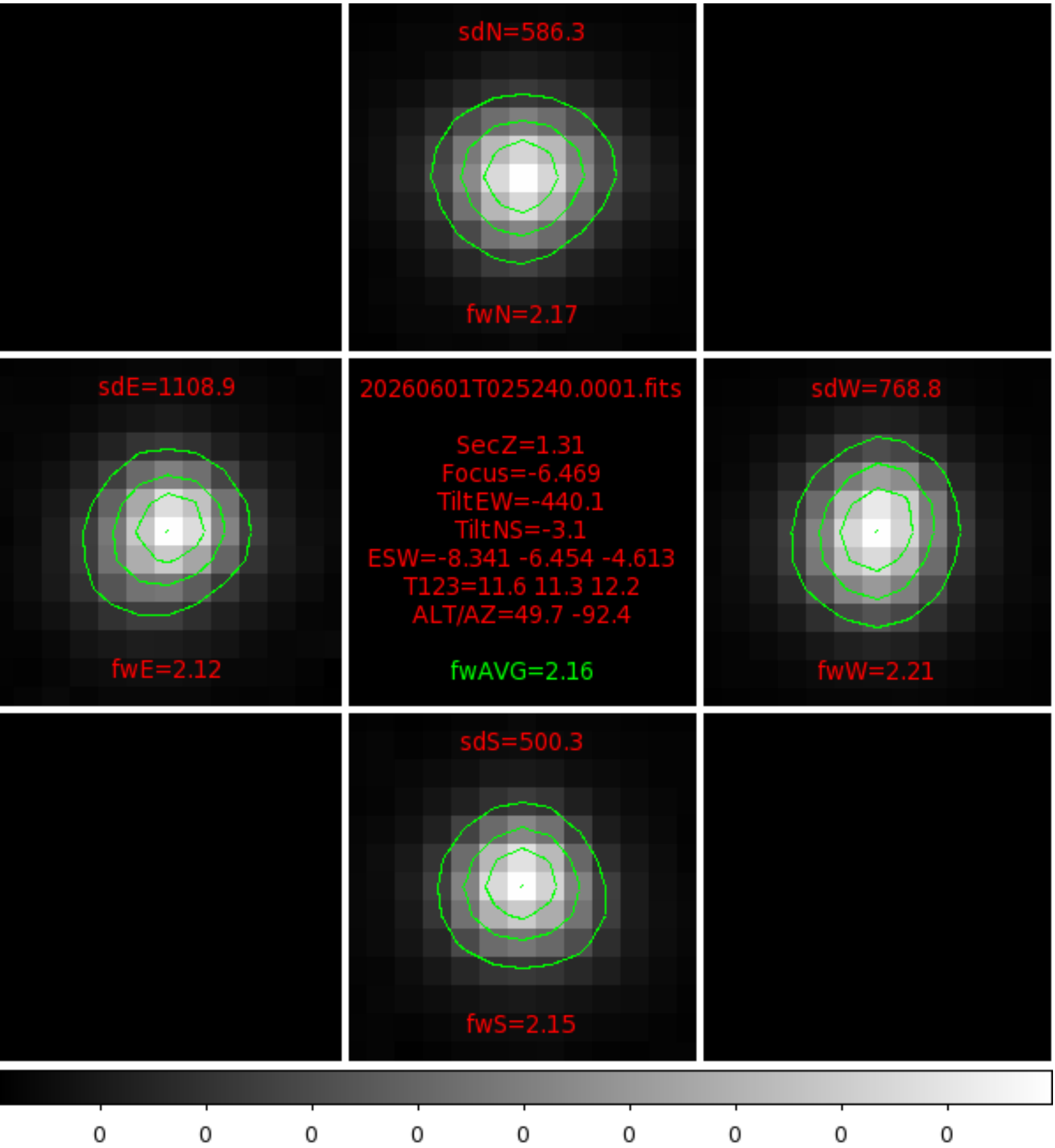
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.3 12.2
ALT/AZ=49.7 -92.4
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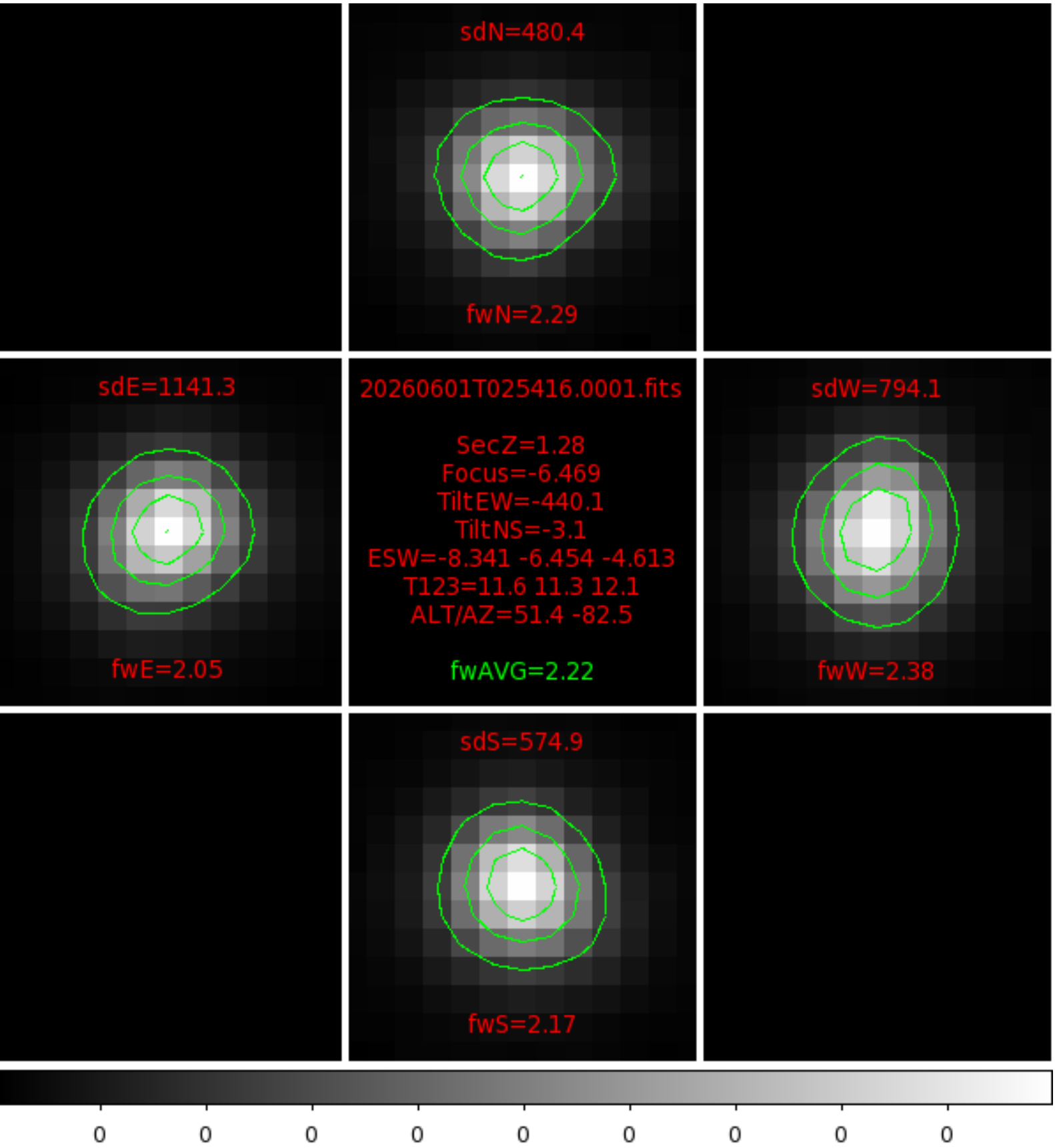
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.3 12.1
ALT/AZ=51.4 -82.5
fwAVG=2.22
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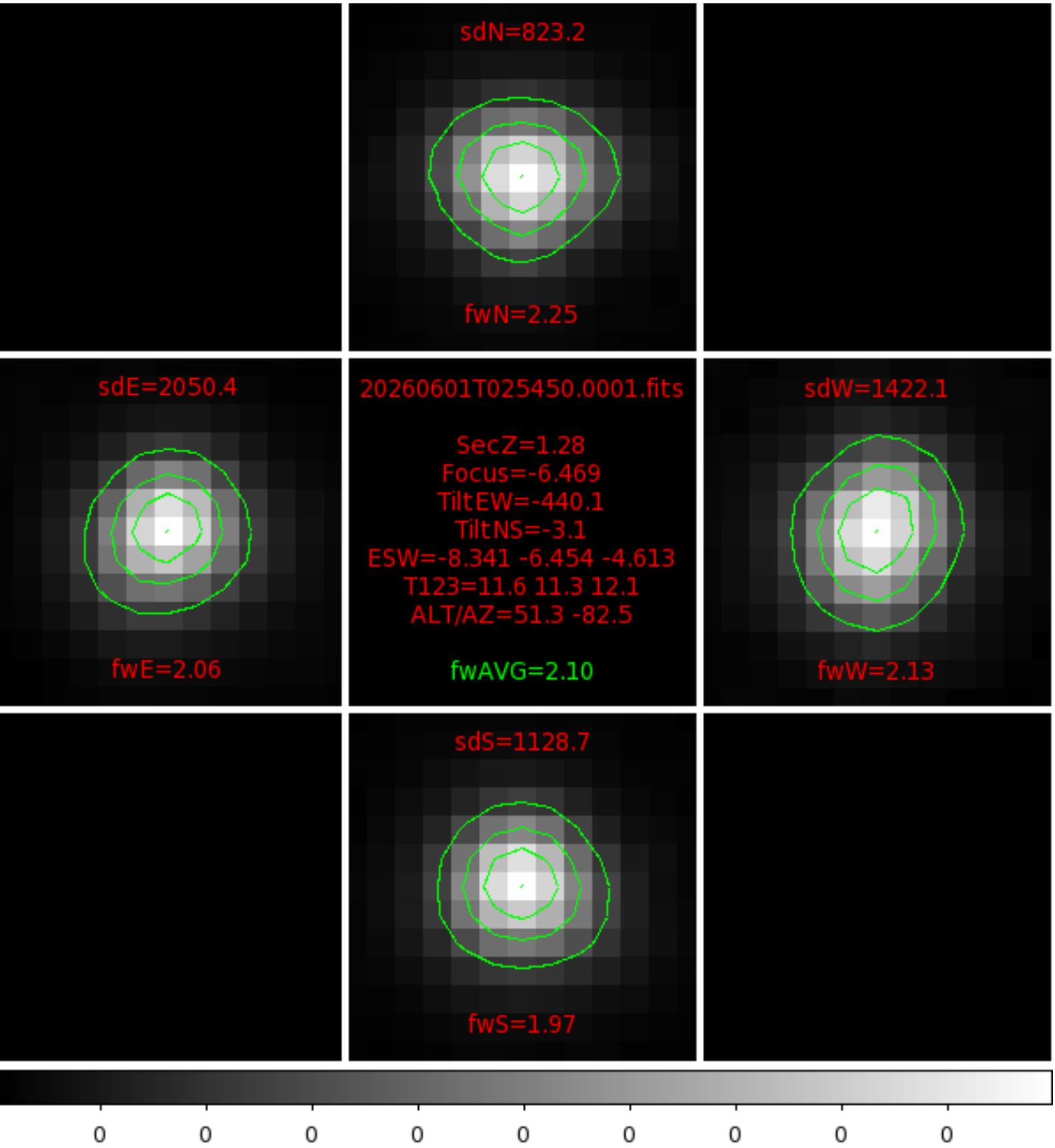
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SecZ=1.28
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.3 12.1
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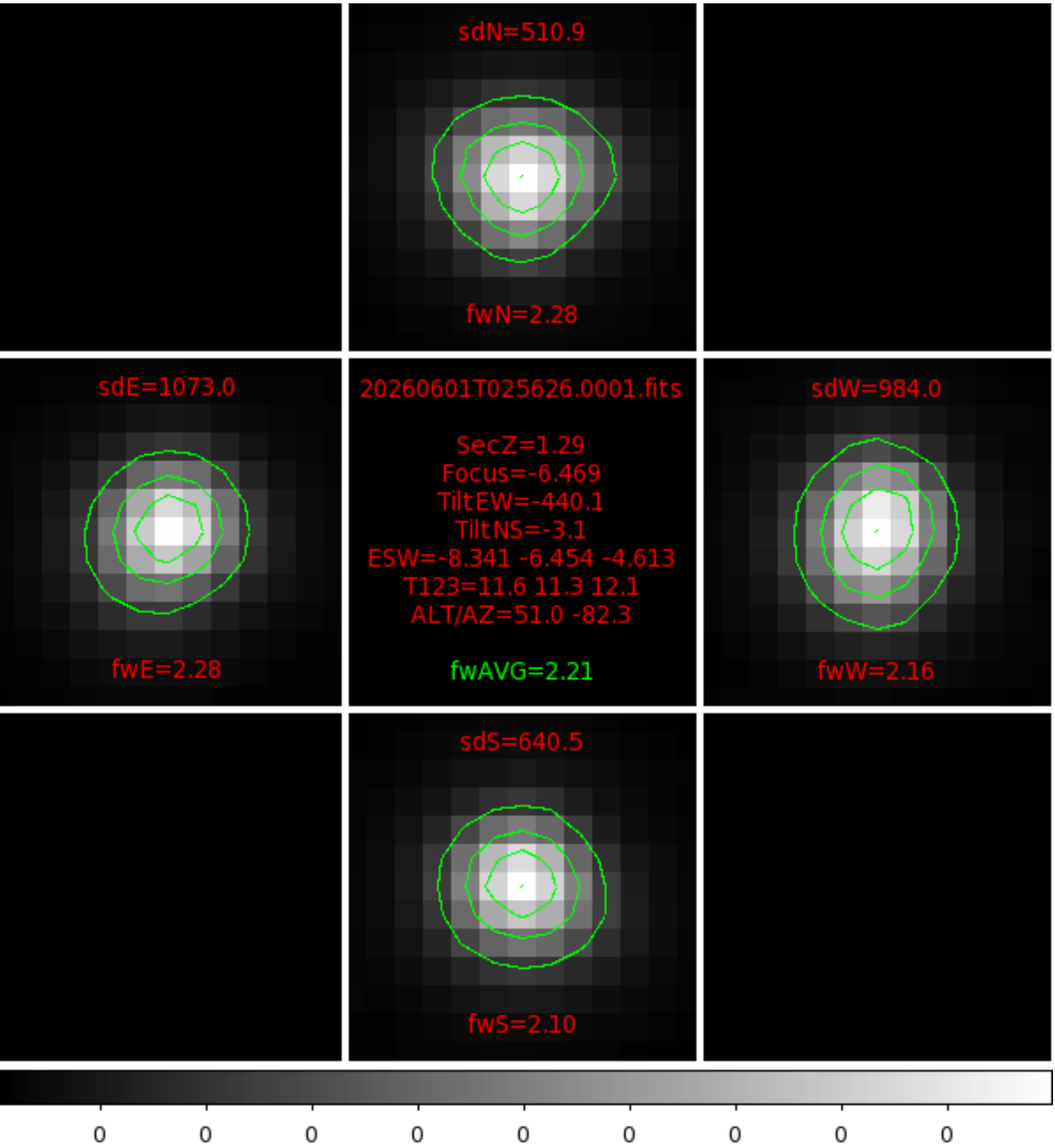
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.3 12.1
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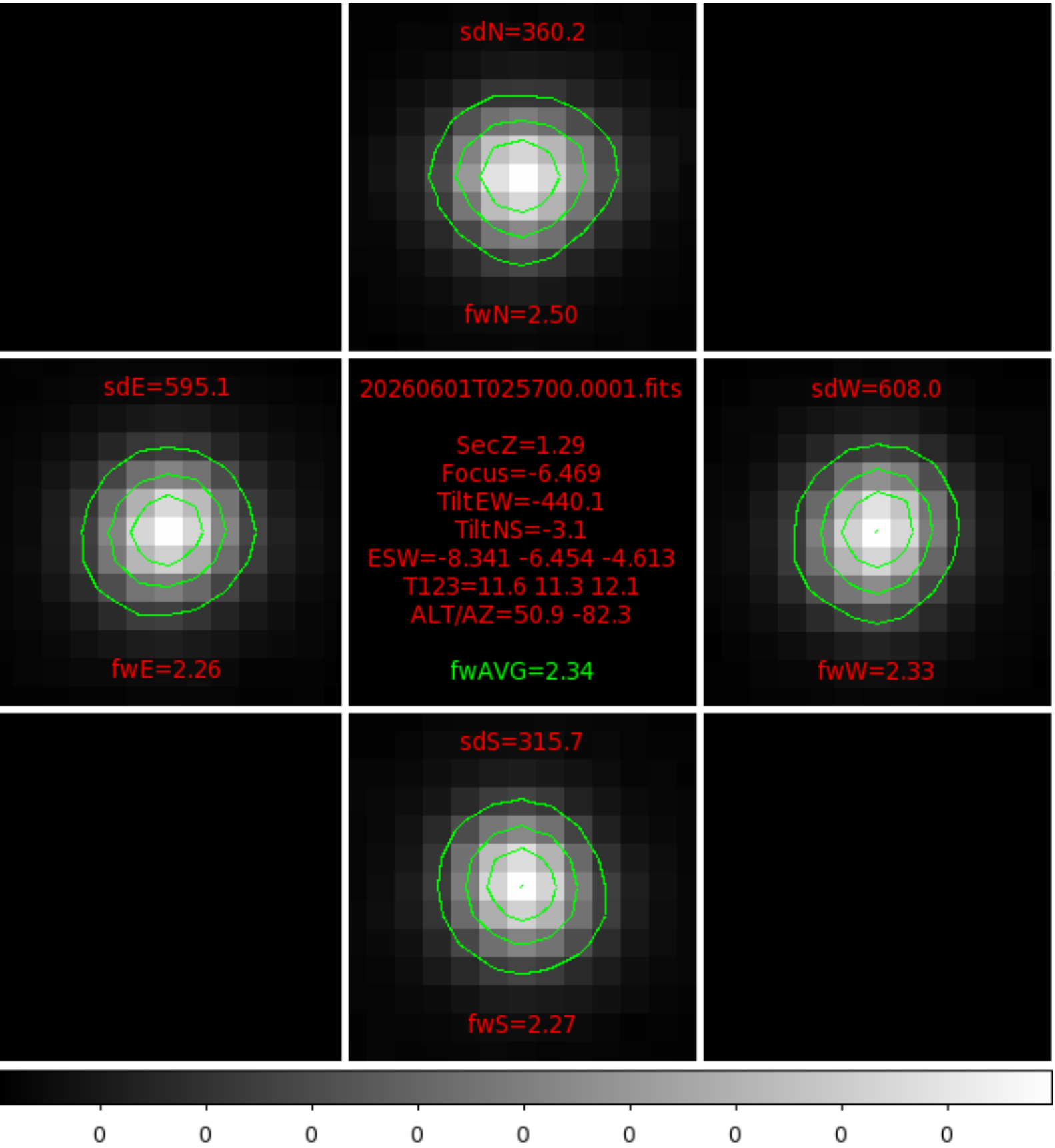
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SecZ=1.29
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.3 12.1
ALT/AZ=50.9 -82.3
fwAVG=2.34
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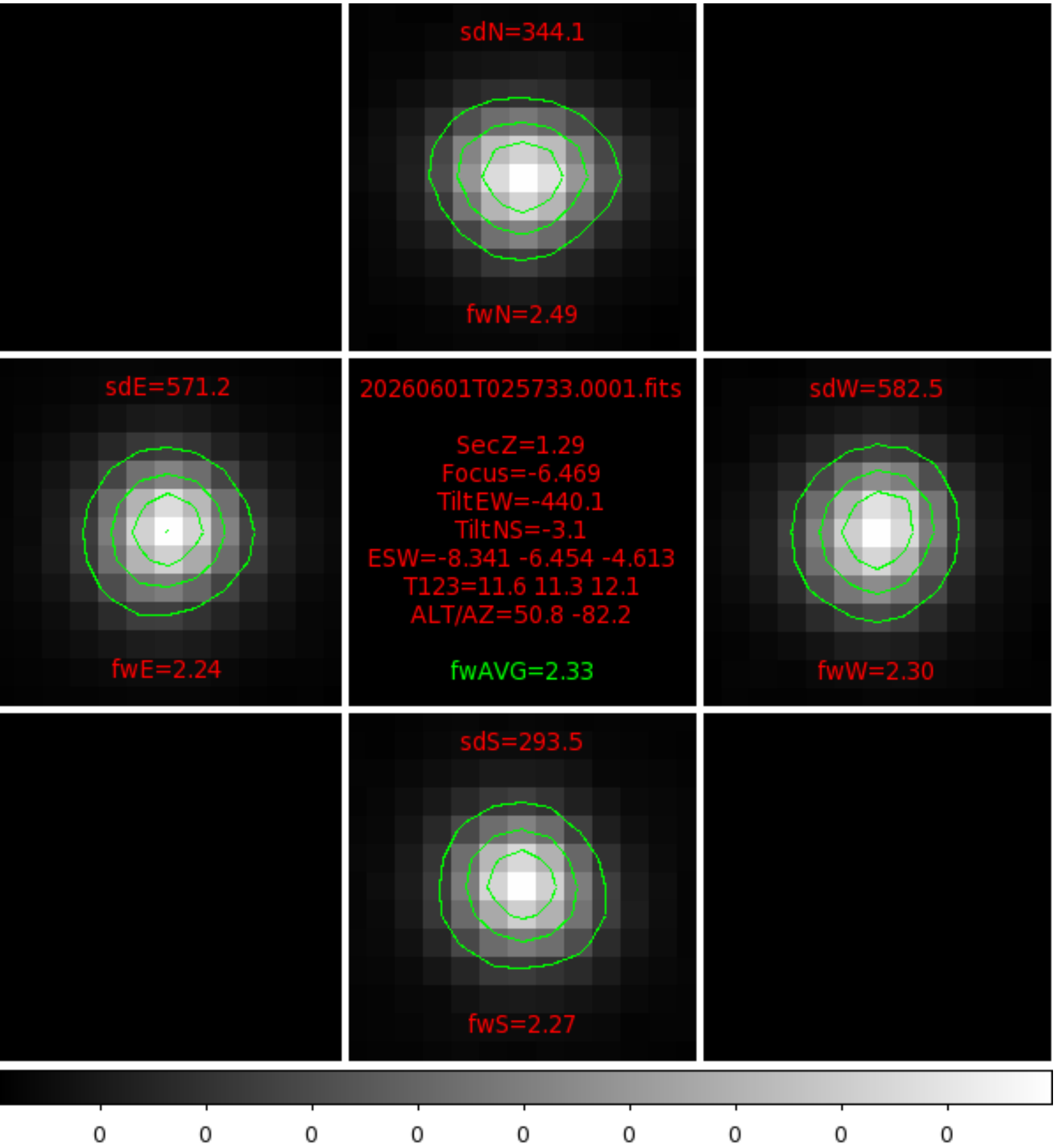
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SecZ=1.29
Focus=-6.469
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.3 12.1
ALT/AZ=50.8 -82.2
fwAVG=2.33
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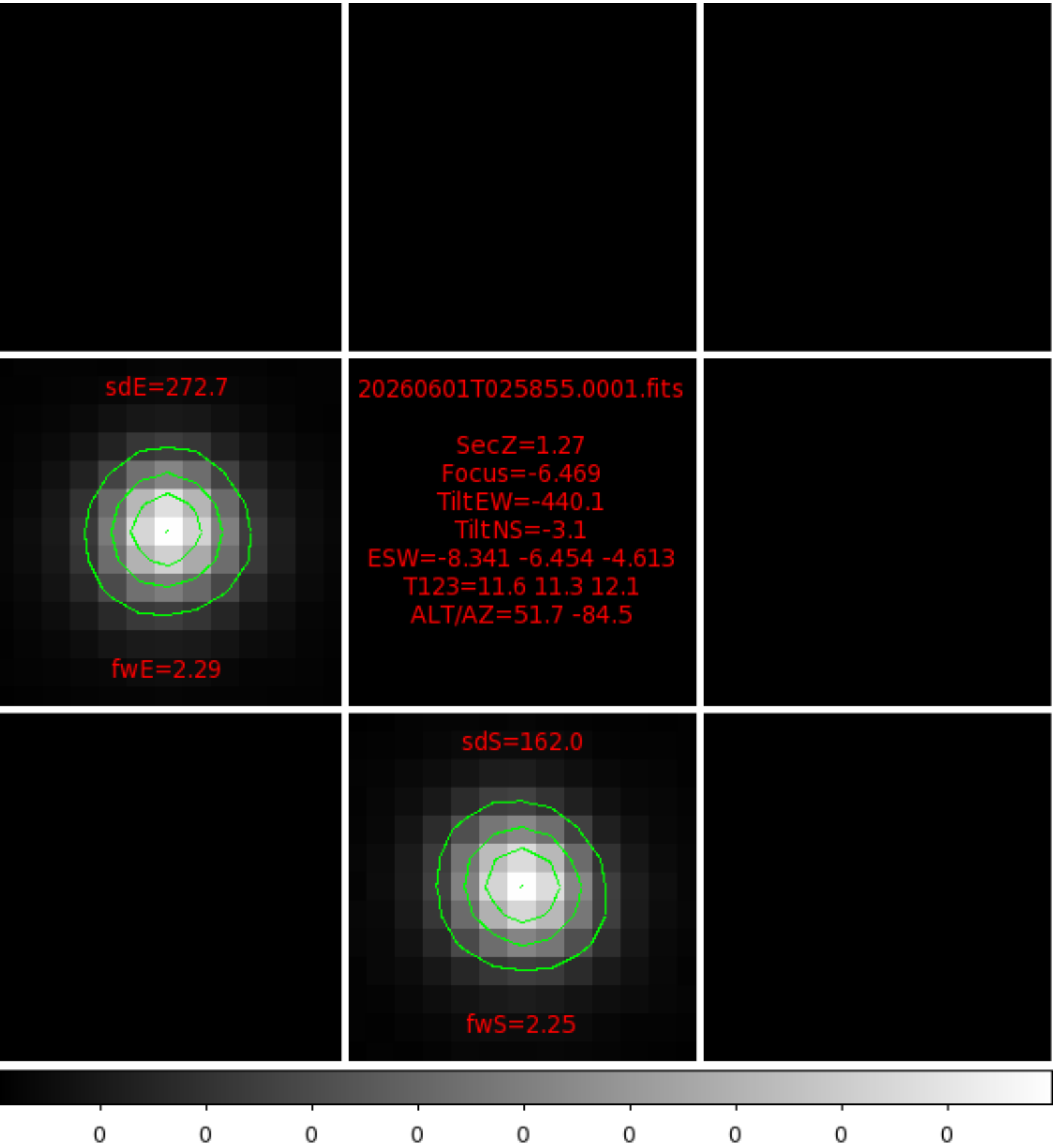
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SecZ=1.27
Focus=-6.469
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
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ALT/AZ=51.7 -84.5
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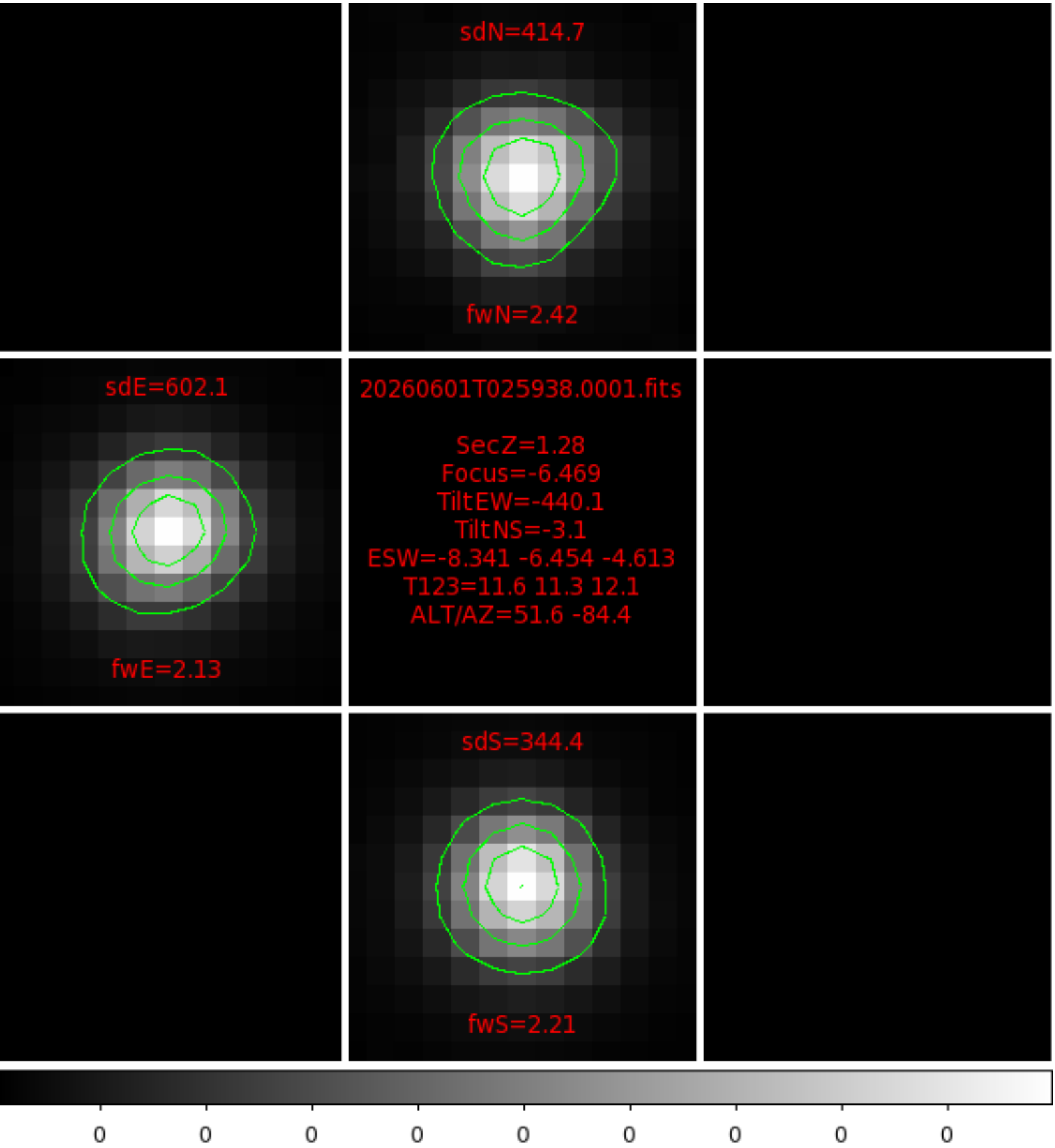
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SecZ=1.28
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TiltNS=-3.1
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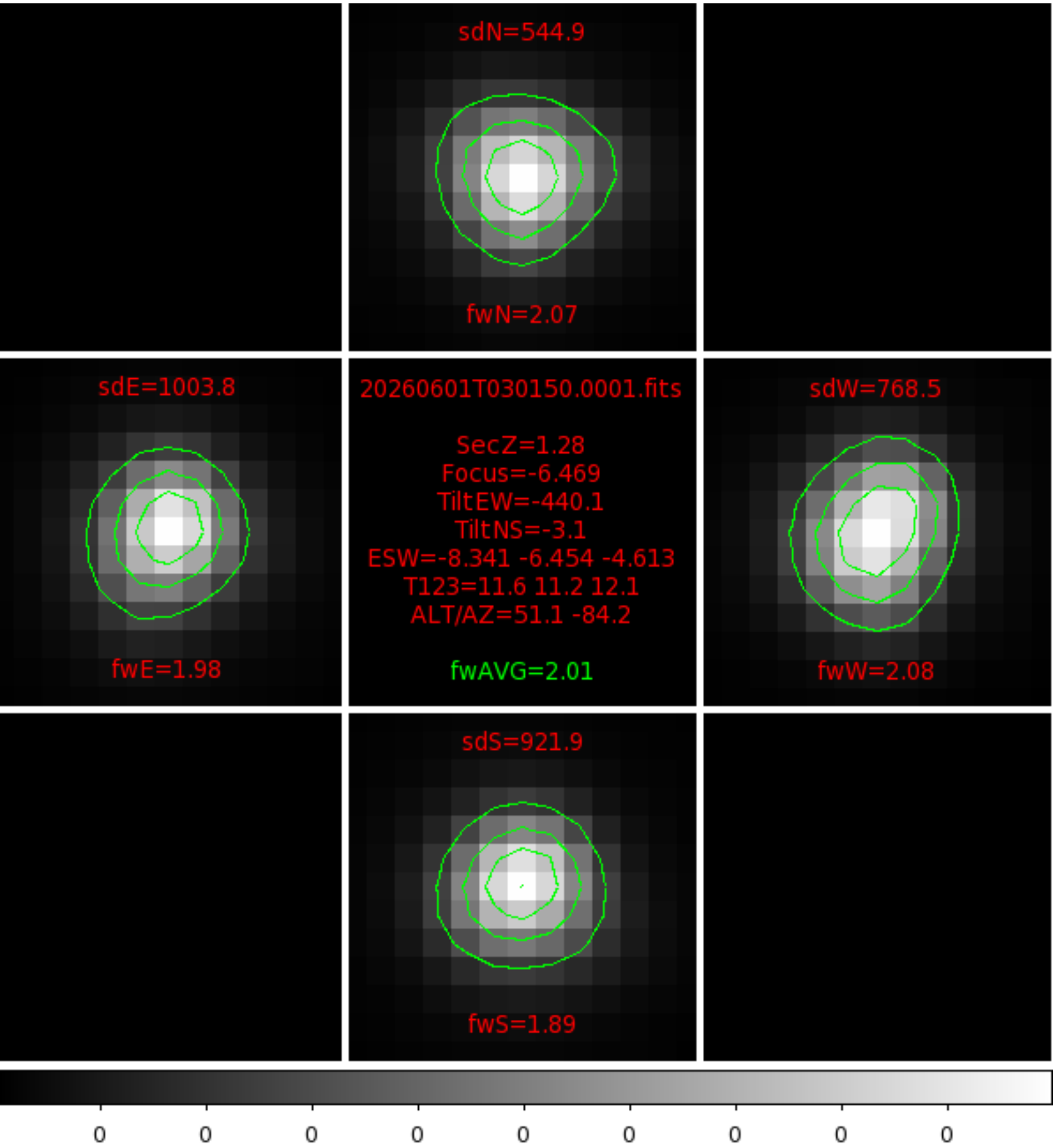
sdN=544.9
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sdE=1003.8
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SecZ=1.28
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.2 12.1
ALT/AZ=51.1 -84.2
fwAVG=2.01
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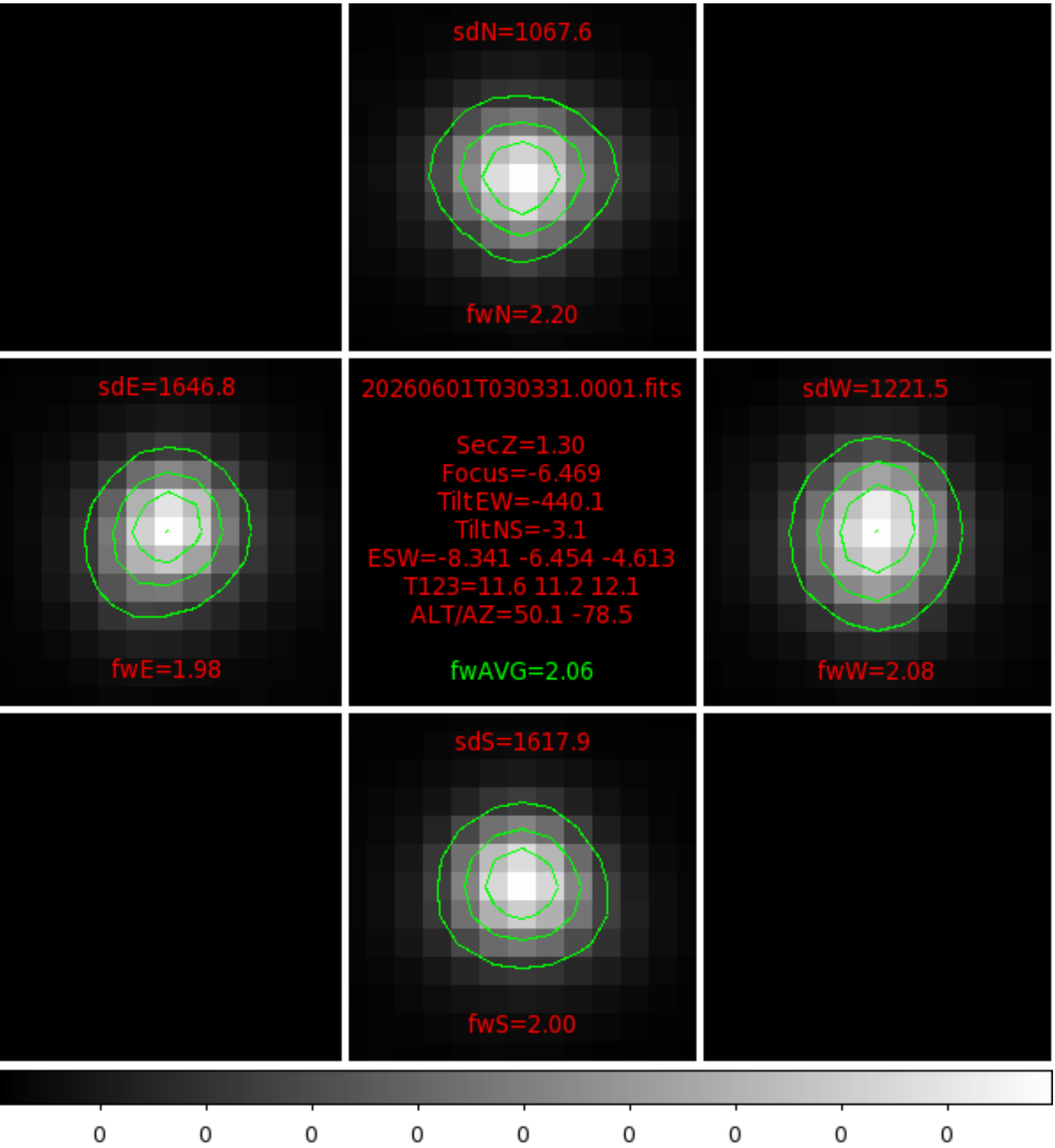
sdN=1067.6
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.2 12.1
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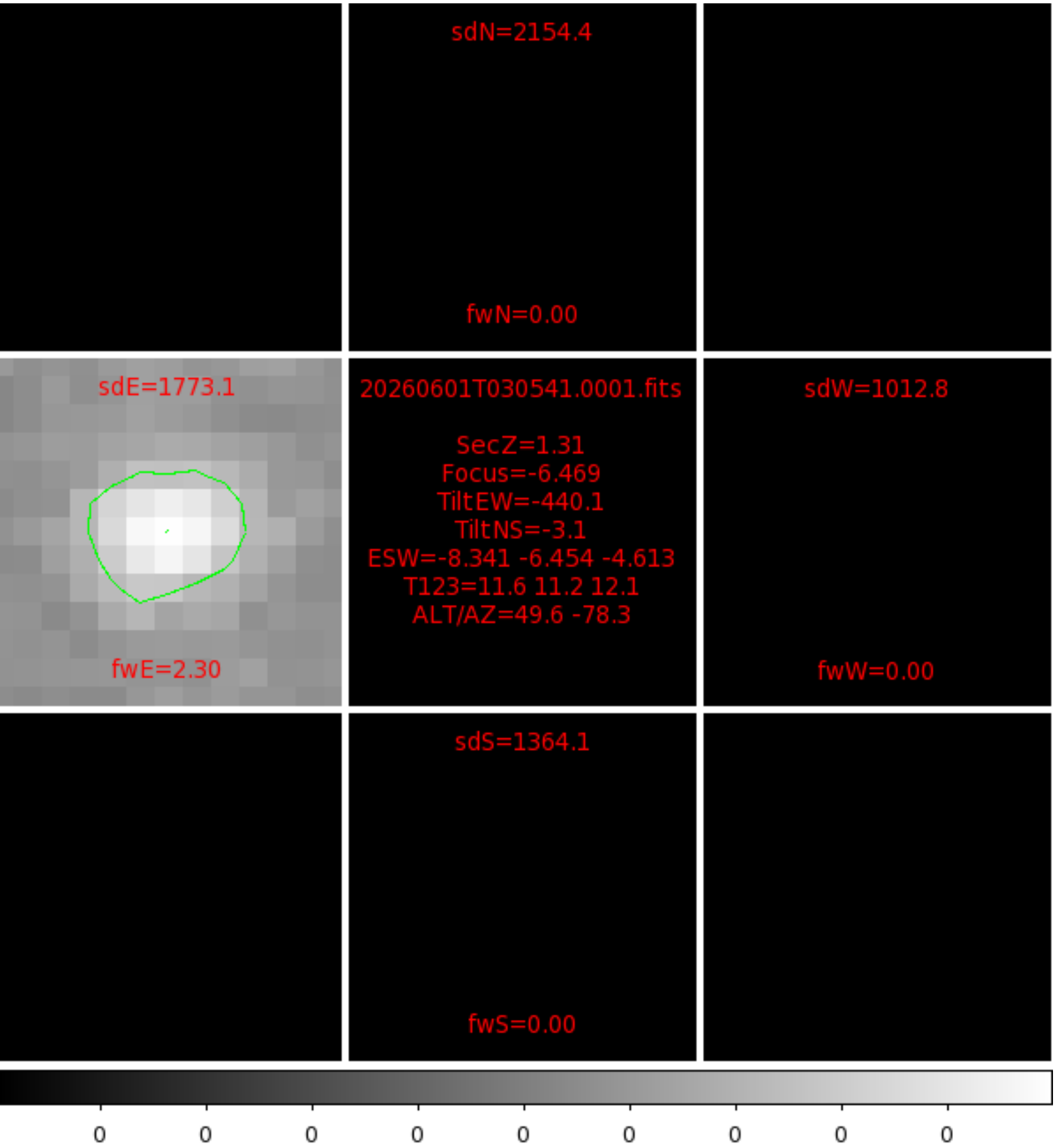
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SecZ=1.31
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
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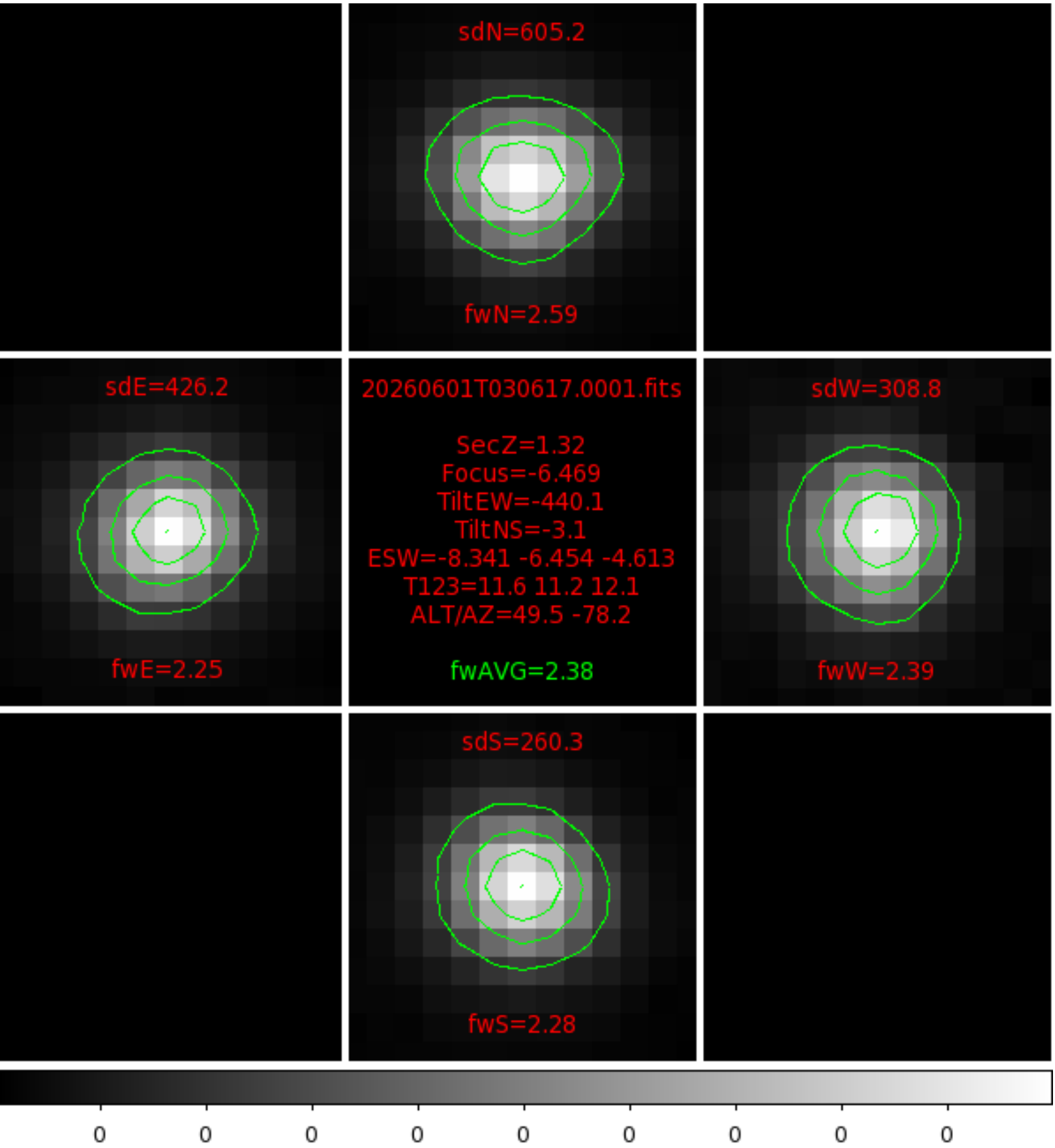
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SecZ=1.32
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.2 12.1
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fwAVG=2.38
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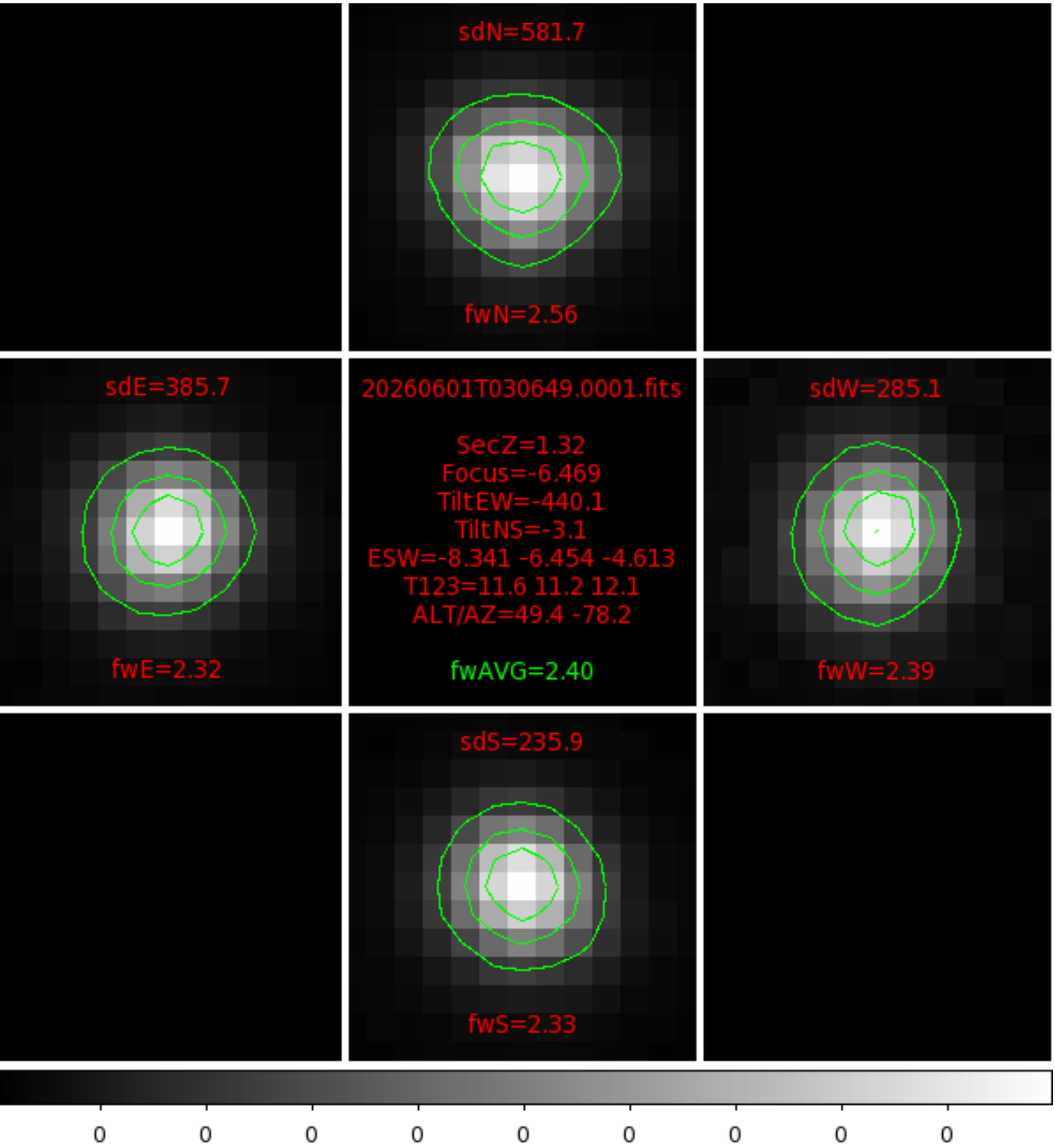
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SecZ=1.32
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.2 12.1
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fwAVG=2.40
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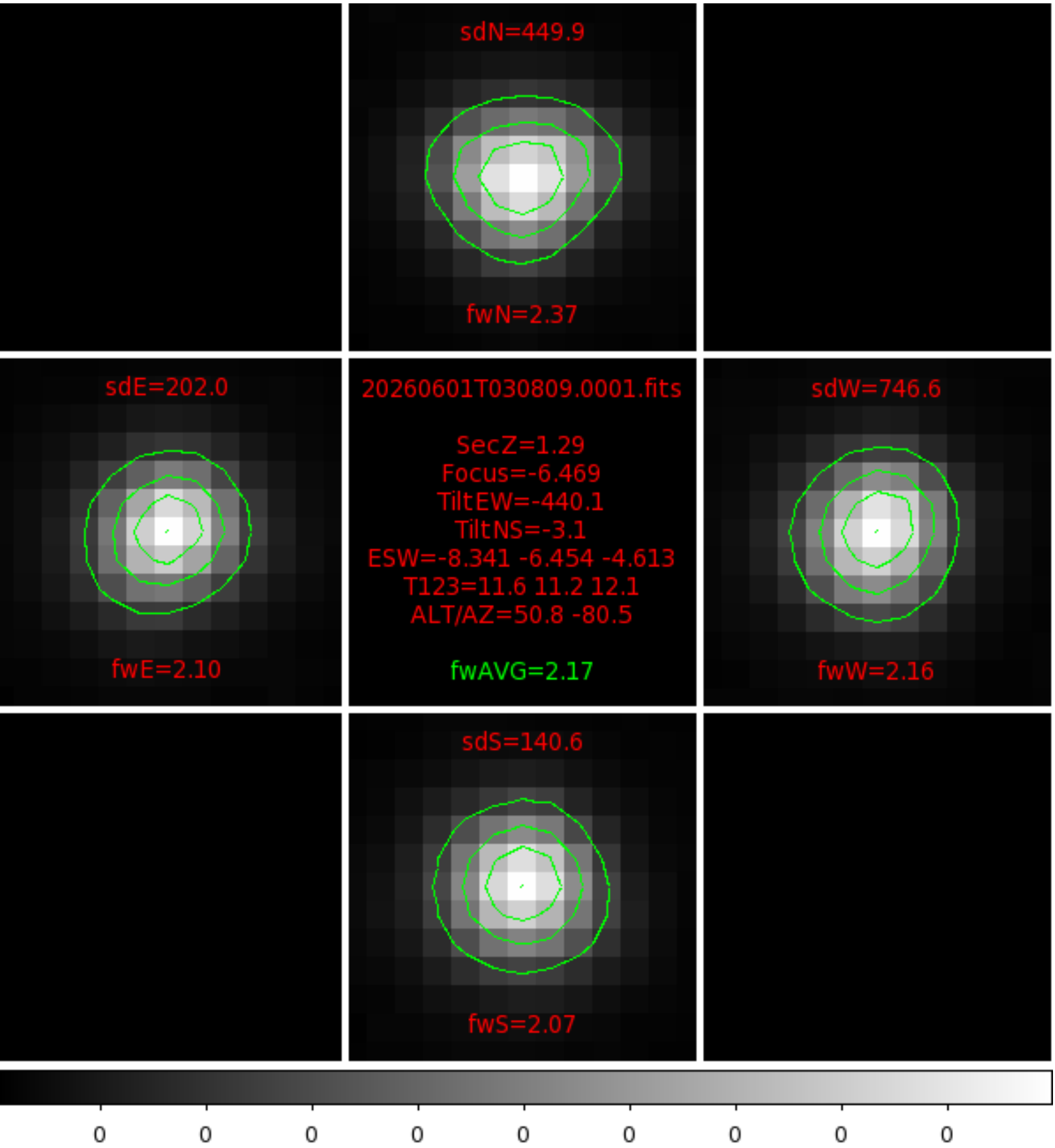
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SecZ=1.29
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.2 12.1
ALT/AZ=50.8 -80.5
fwAVG=2.17
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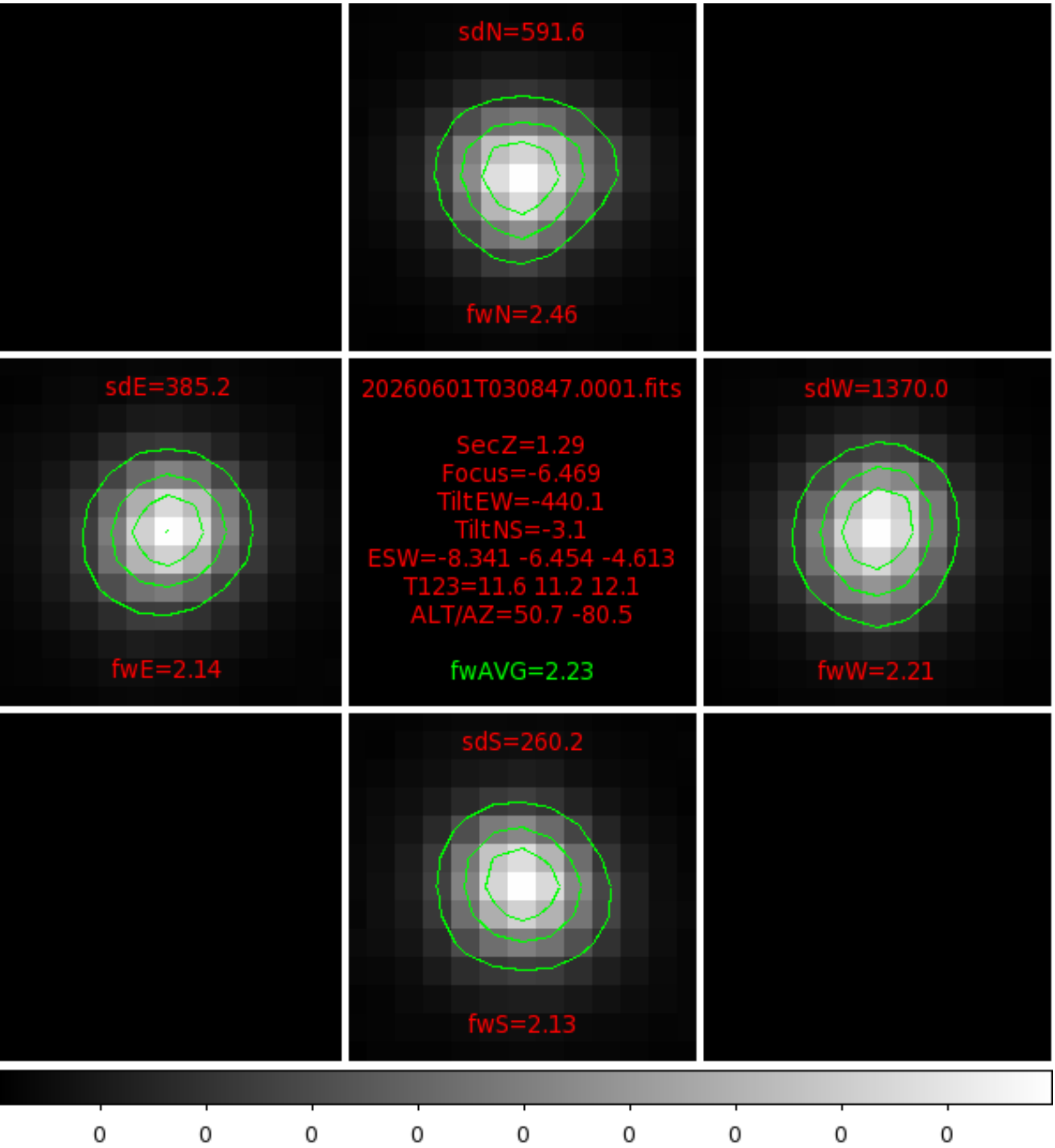
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20260601T030847.0001.fits
SecZ=1.29
Focus=-6.469
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.2 12.1
ALT/AZ=50.7 -80.5
fwAVG=2.23
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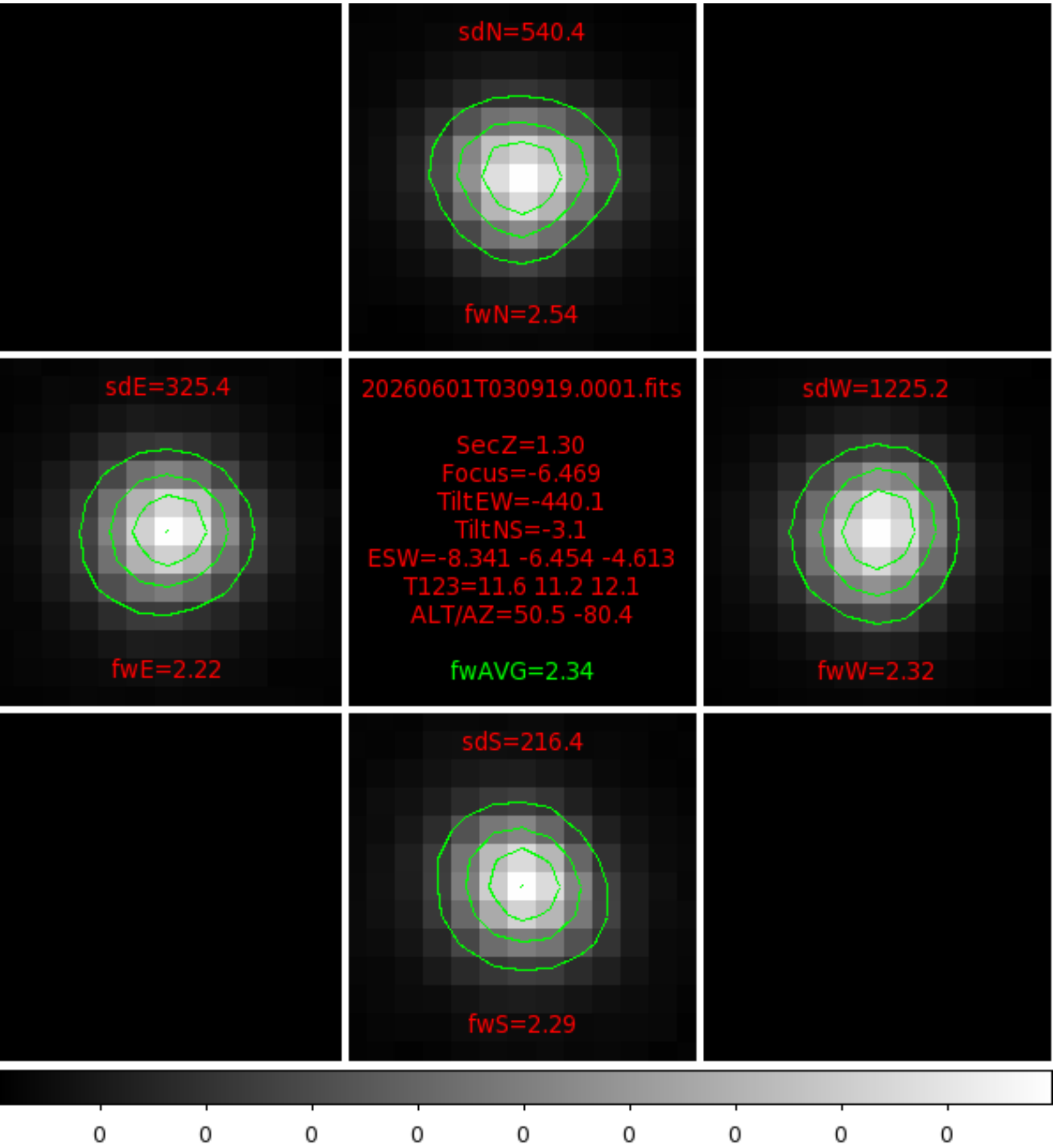
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SecZ=1.30
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.2 12.1
ALT/AZ=50.5 -80.4
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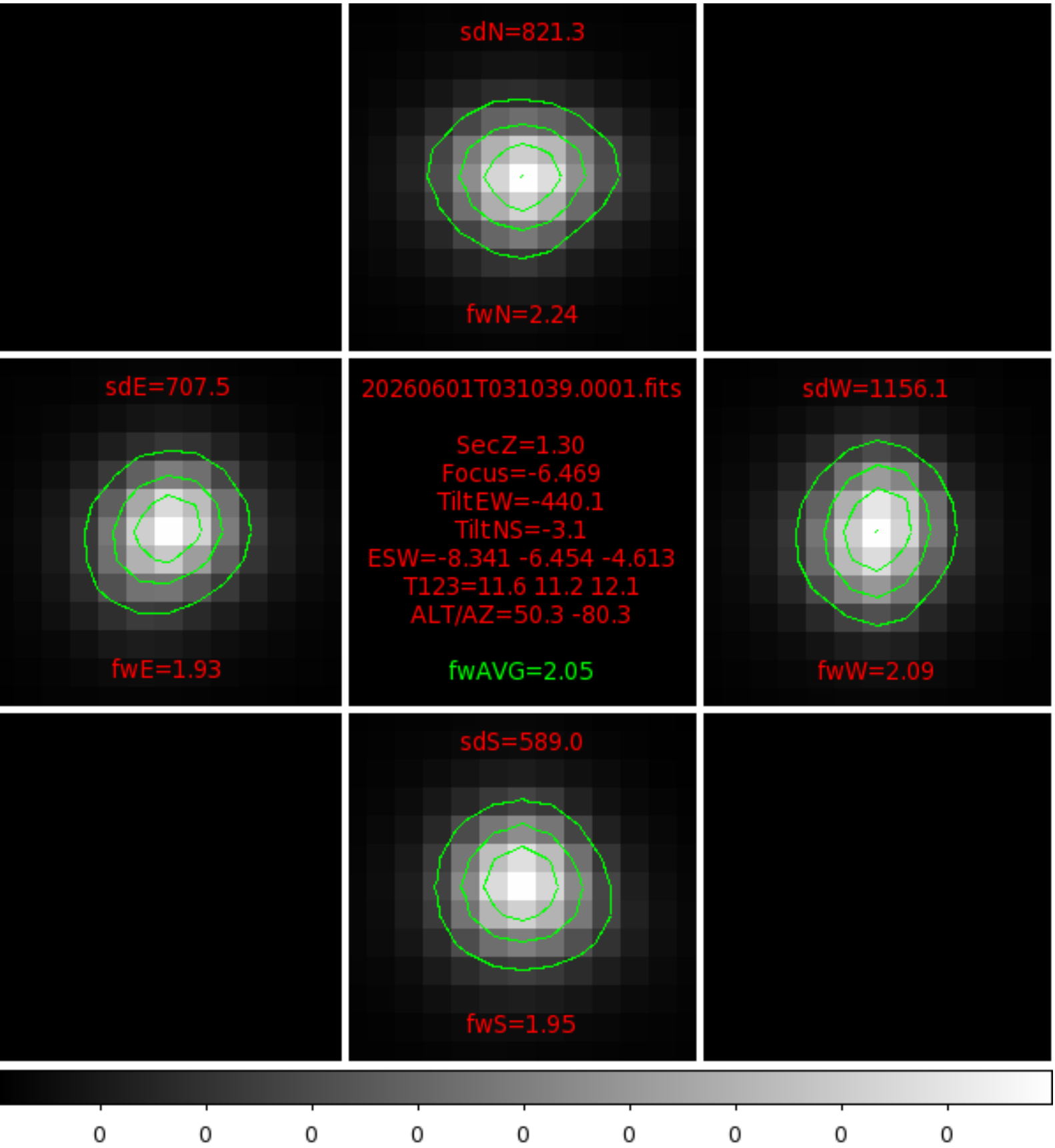
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sdE=707.5
fwE=1.93
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SecZ=1.30
Focus=-6.469
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.2 12.1
ALT/AZ=50.3 -80.3
fwAVG=2.05
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sdS=589.0
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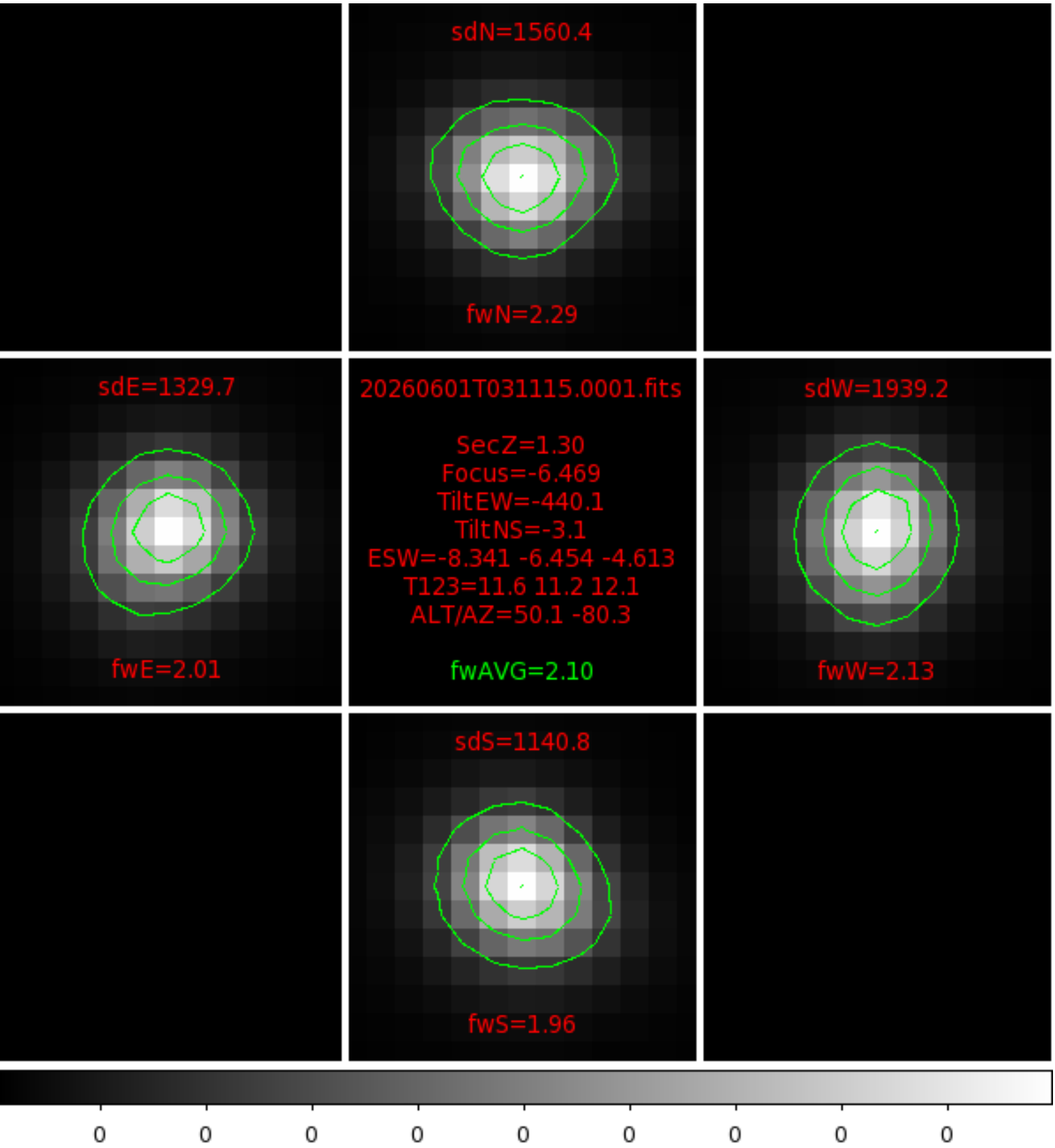
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SecZ=1.30
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.2 12.1
ALT/AZ=50.1 -80.3
fwAVG=2.10
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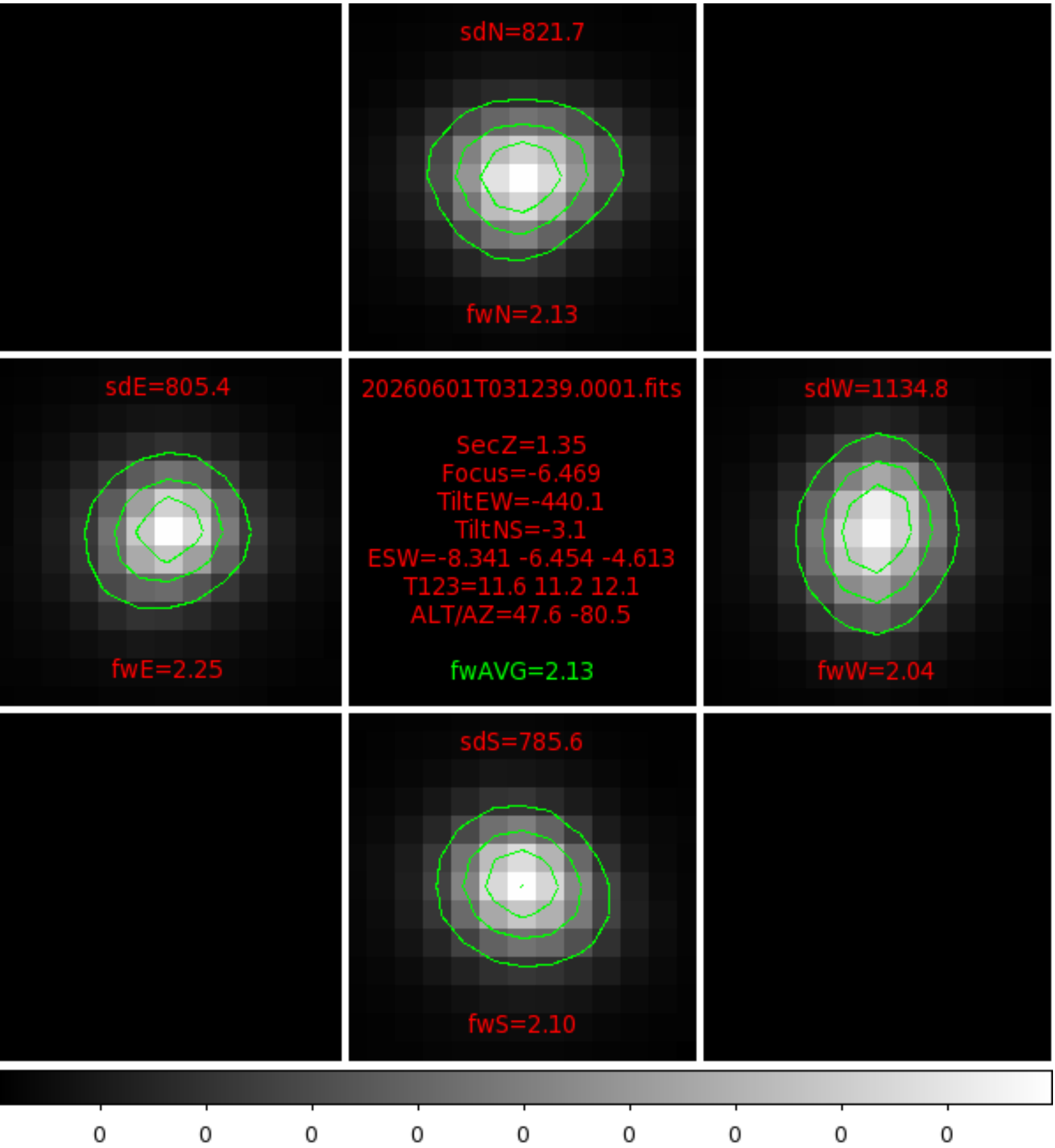
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SecZ=1.35
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.2 12.1
ALT/AZ=47.6 -80.5
fwAVG=2.13
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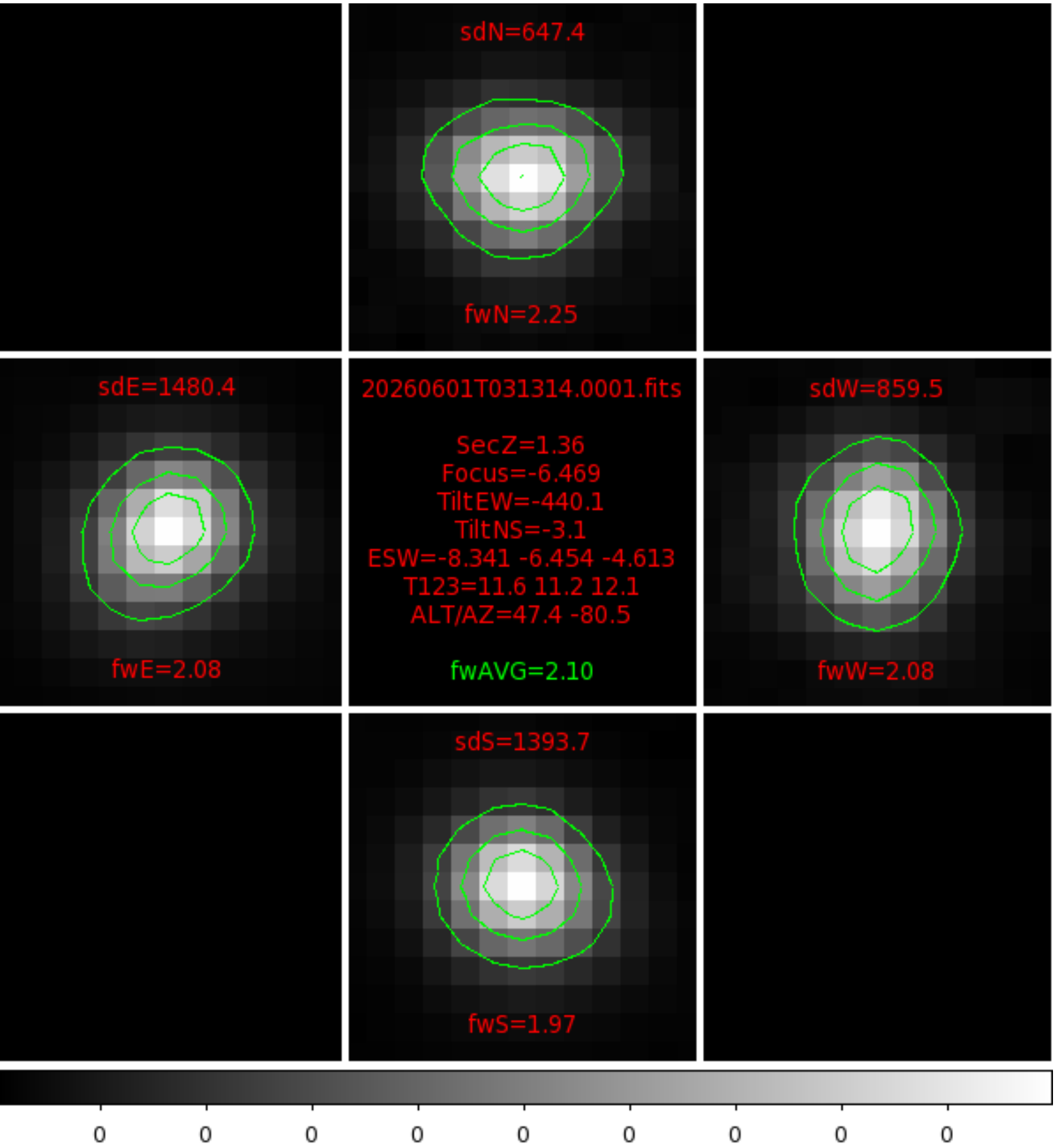
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.2 12.1
ALT/AZ=47.4 -80.5
fwAVG=2.10
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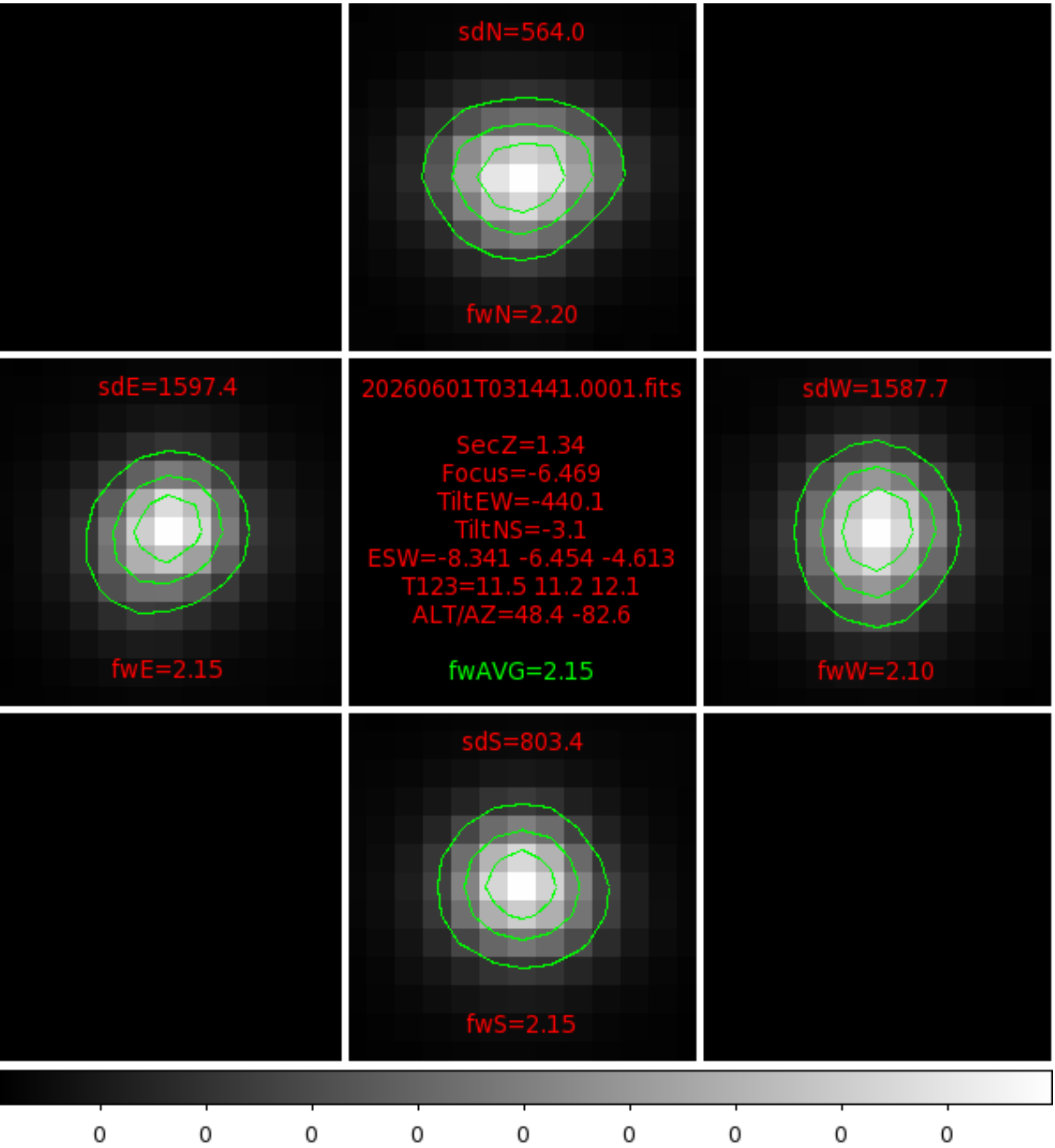
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SecZ=1.34
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.2 12.1
ALT/AZ=48.4 -82.6
fwAVG=2.15
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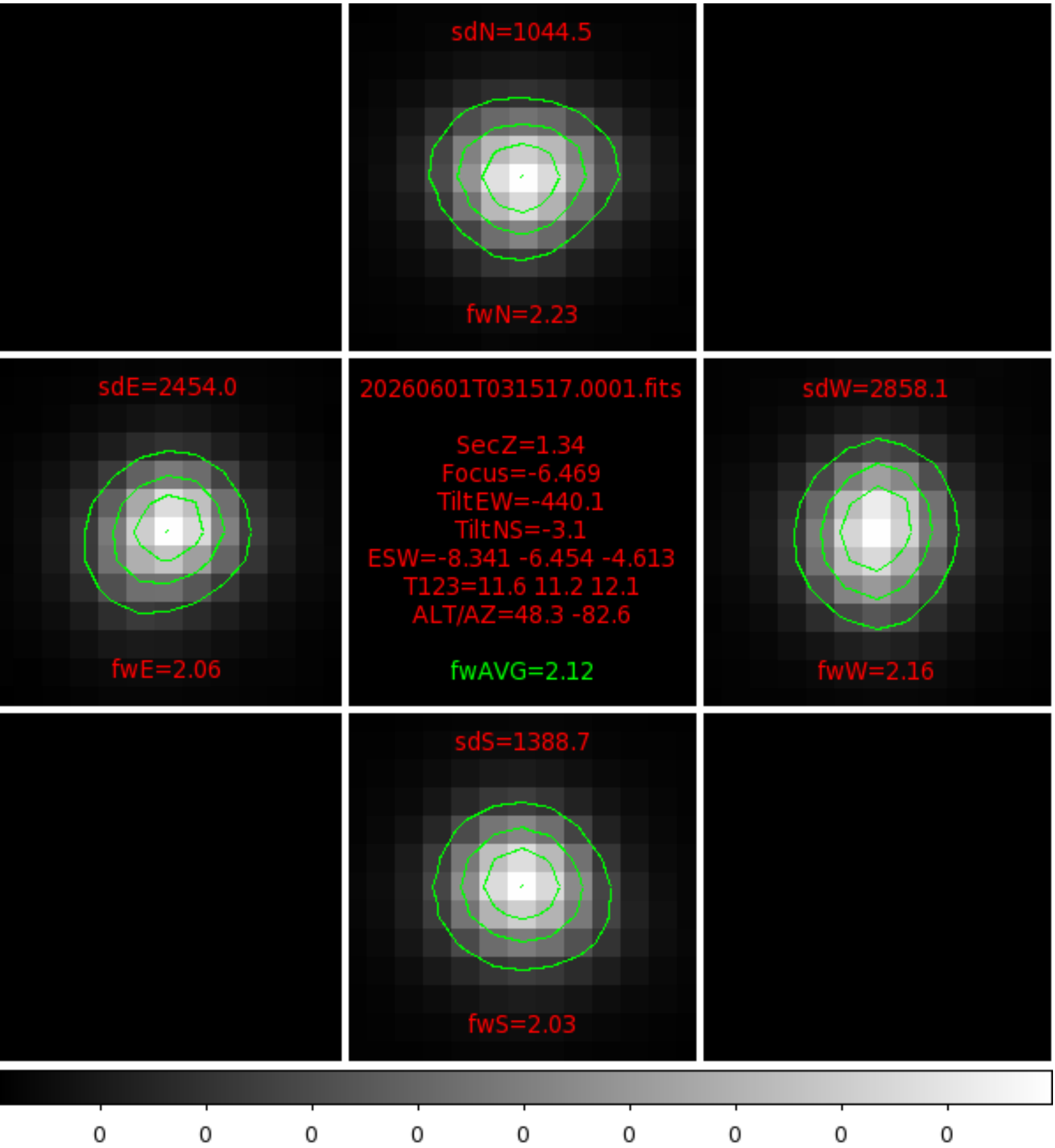
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SecZ=1.34
Focus=-6.469
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.6 11.2 12.1
ALT/AZ=48.3 -82.6
fwAVG=2.12
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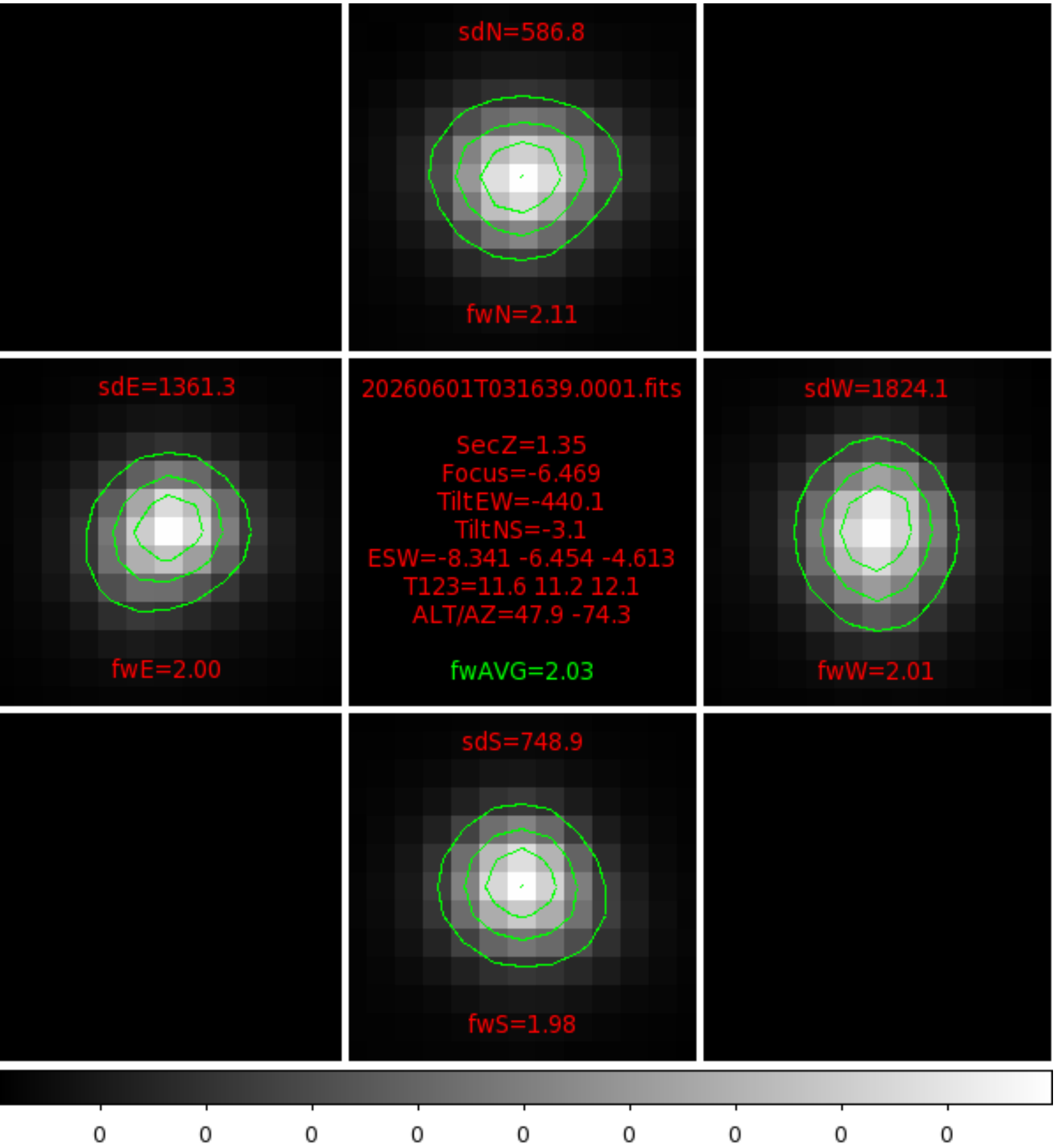
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SecZ=1.35
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ESW=-8.341 -6.454 -4.613
T123=11.6 11.2 12.1
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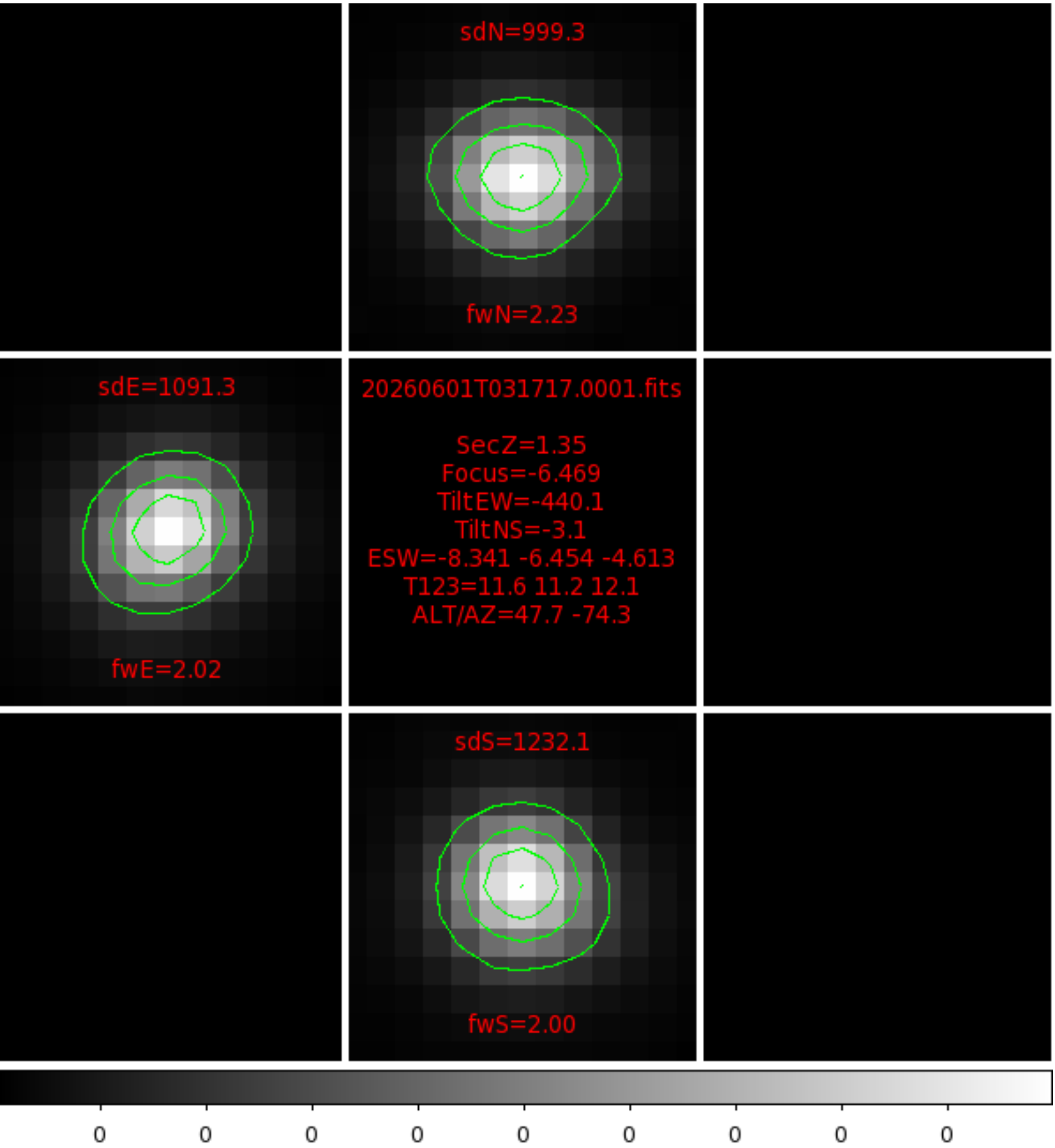
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SecZ=1.35
Focus=-6.469
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
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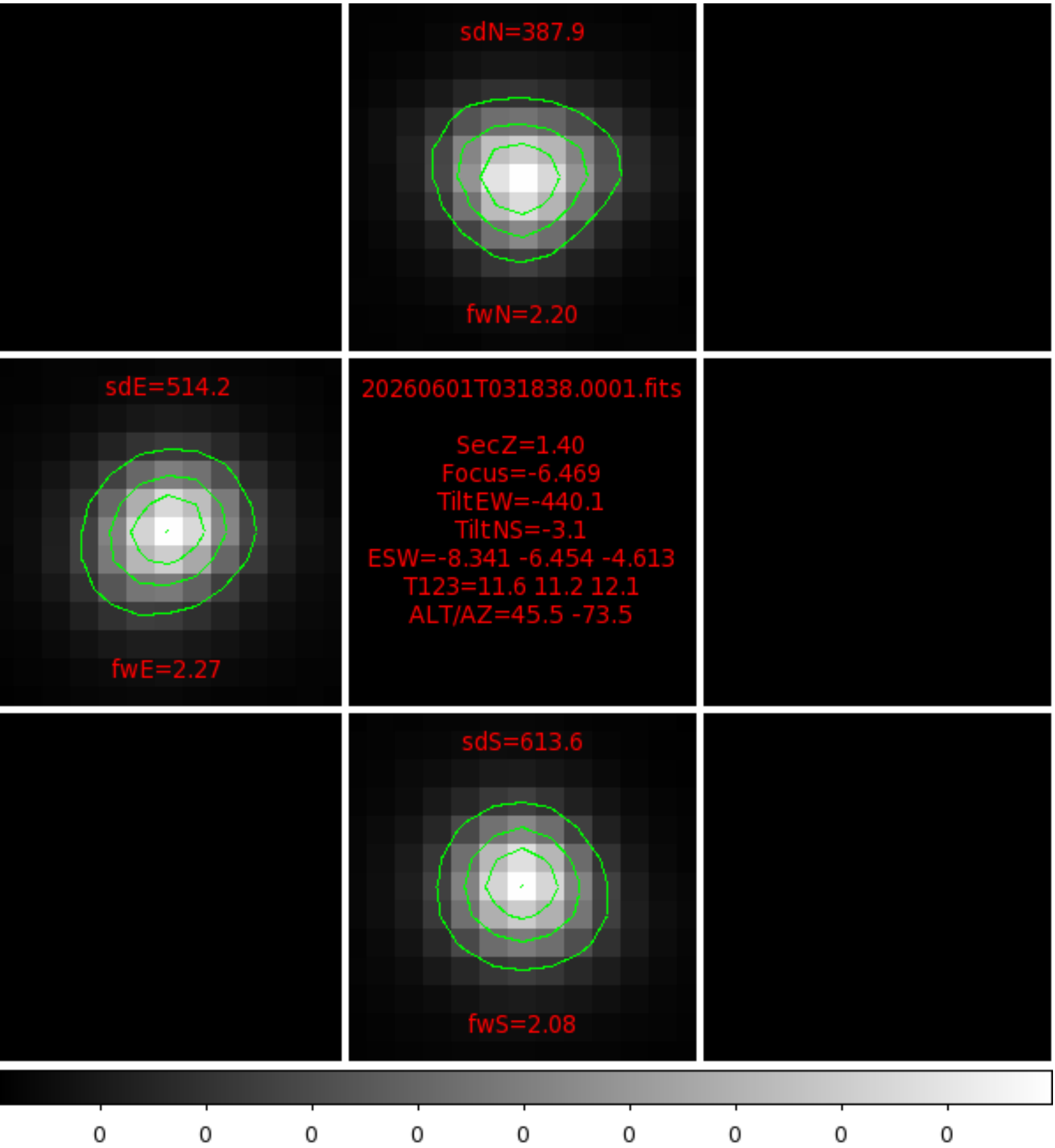
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TiltEW=-440.1
TiltNS=-3.1
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T123=11.6 11.2 12.1
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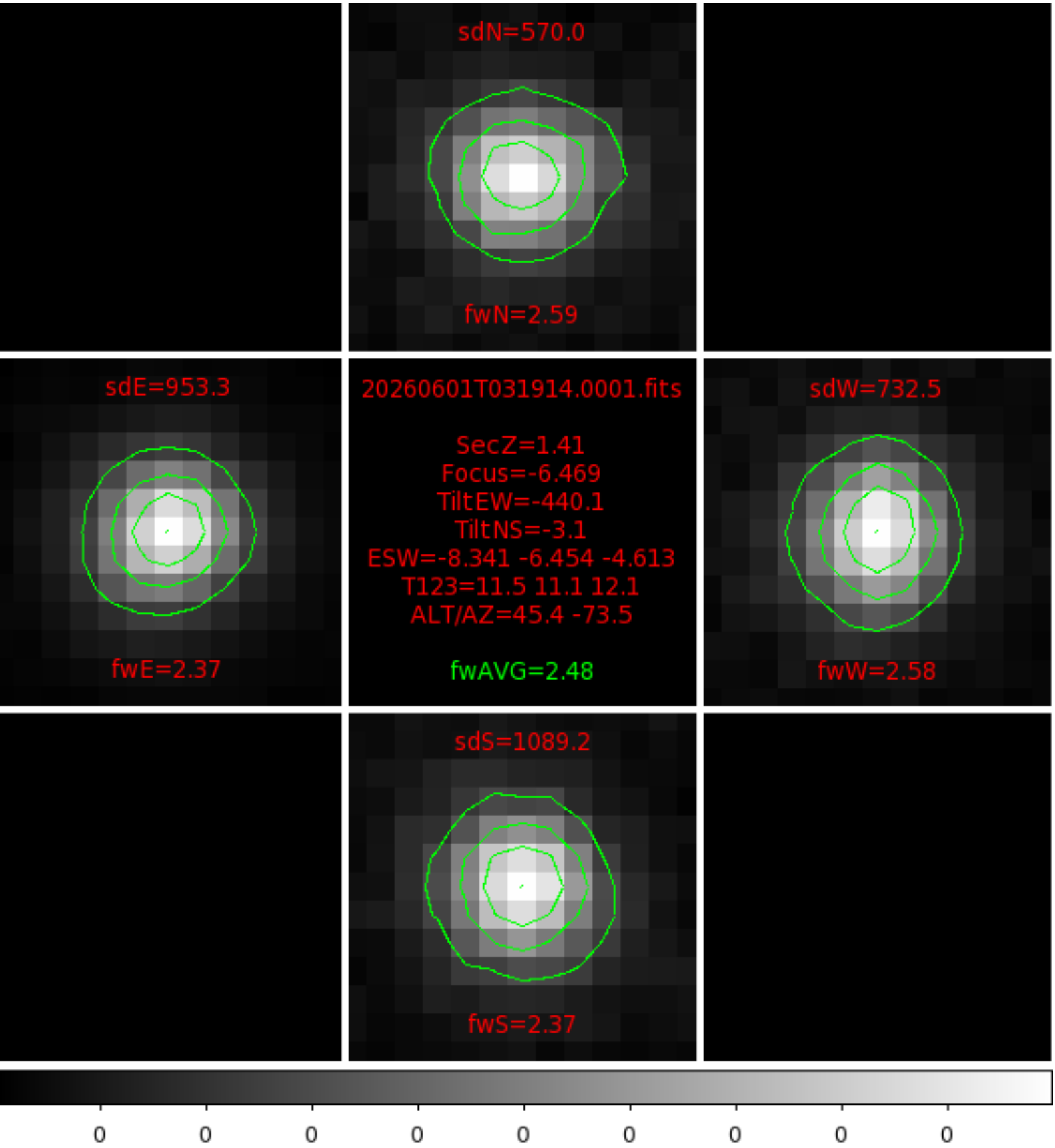
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SecZ=1.41
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.1 12.1
ALT/AZ=45.4 -73.5
fwAVG=2.48
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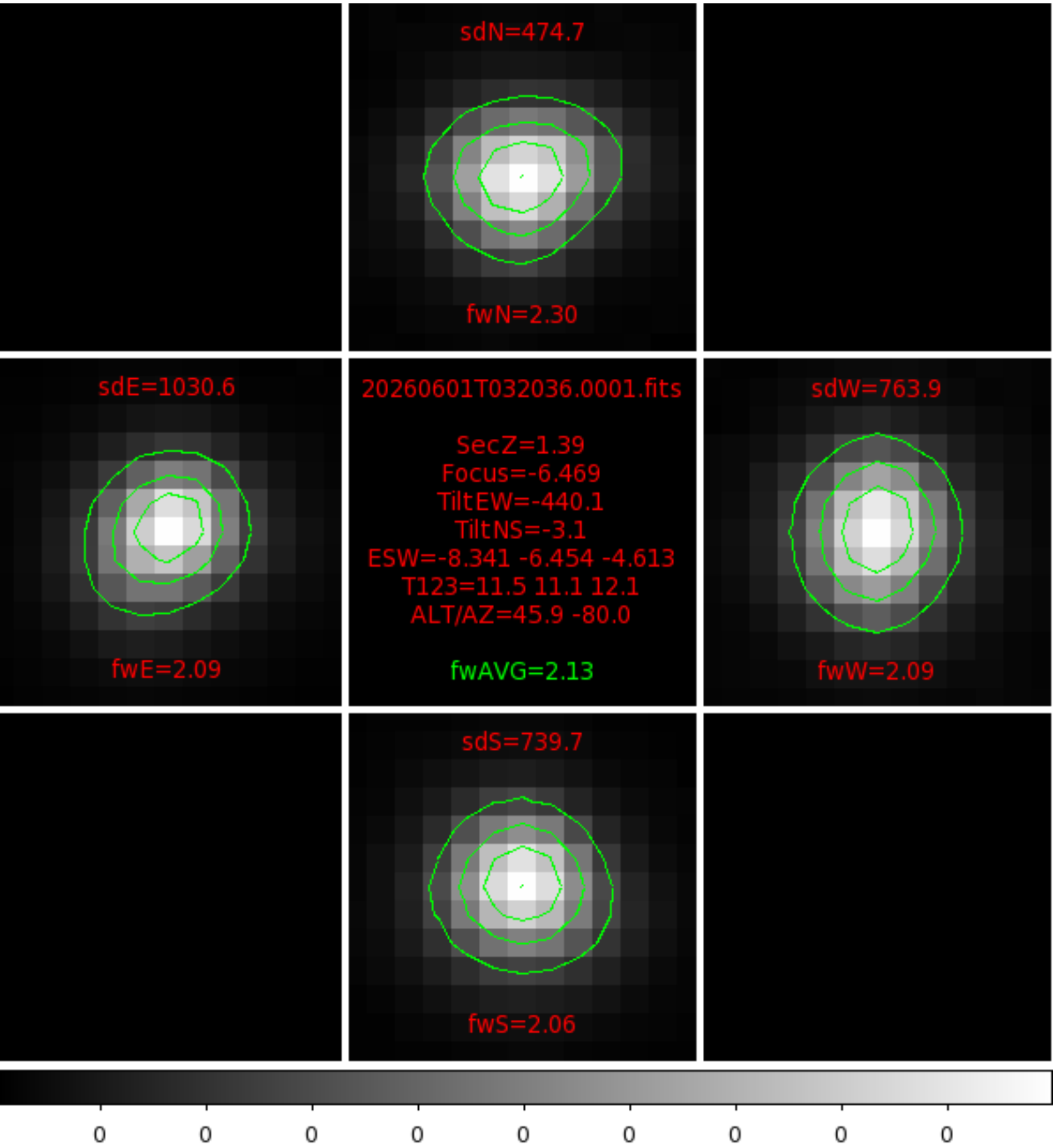
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.1 12.1
ALT/AZ=45.9 -80.0
fwAVG=2.13
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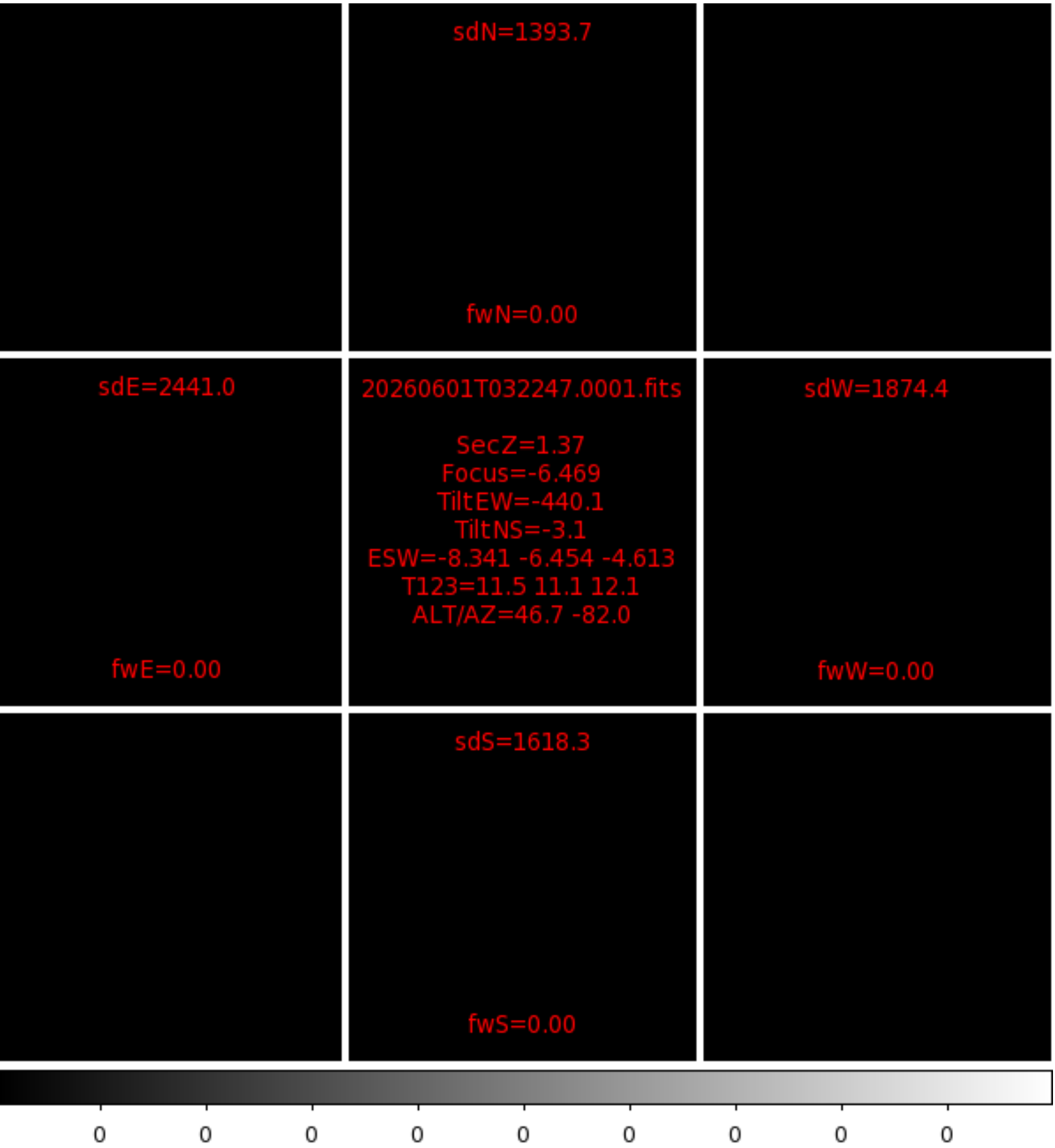
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sdE=2441.0
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.1 12.1
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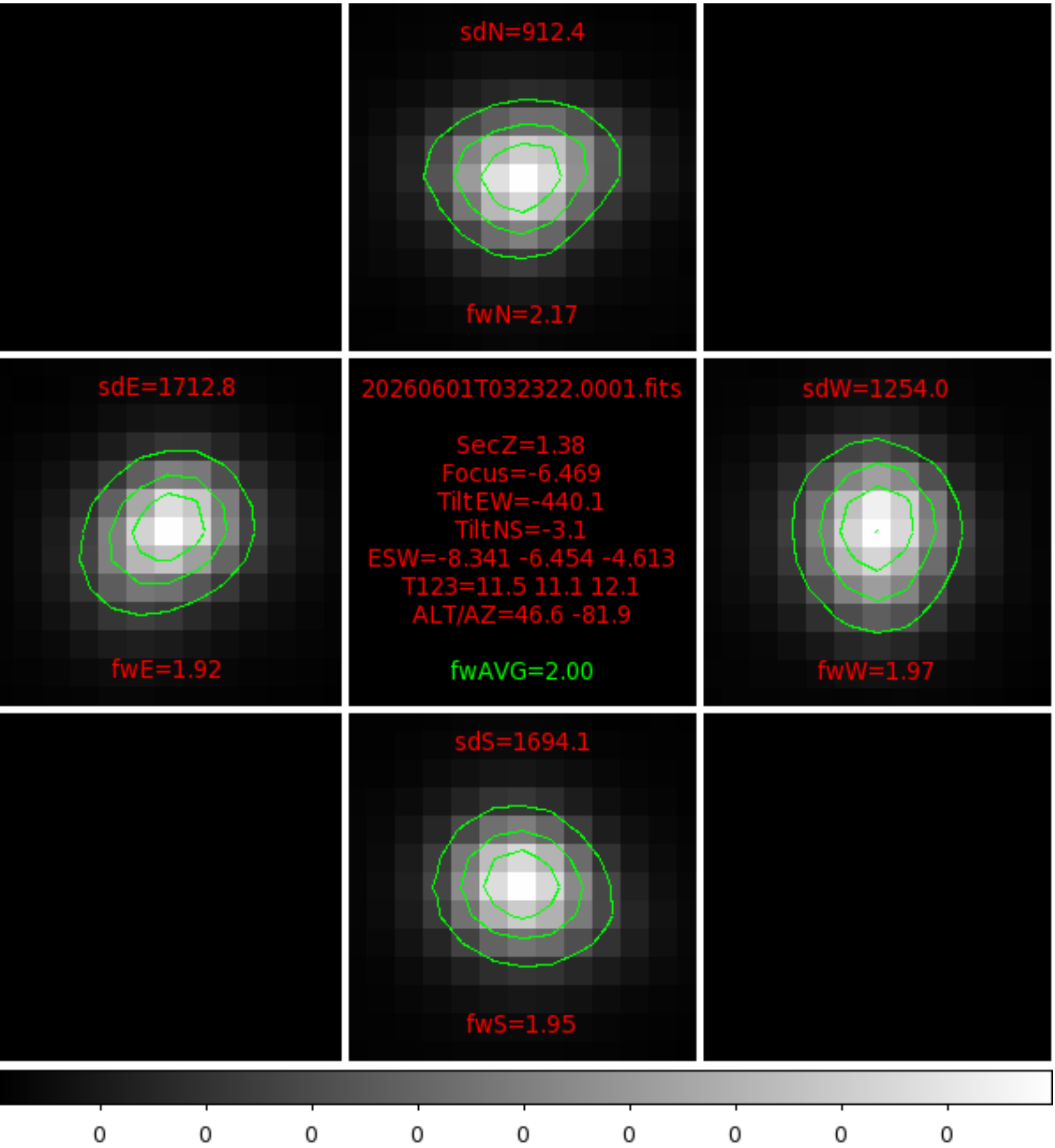
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SecZ=1.38
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.1 12.1
ALT/AZ=46.6 -81.9
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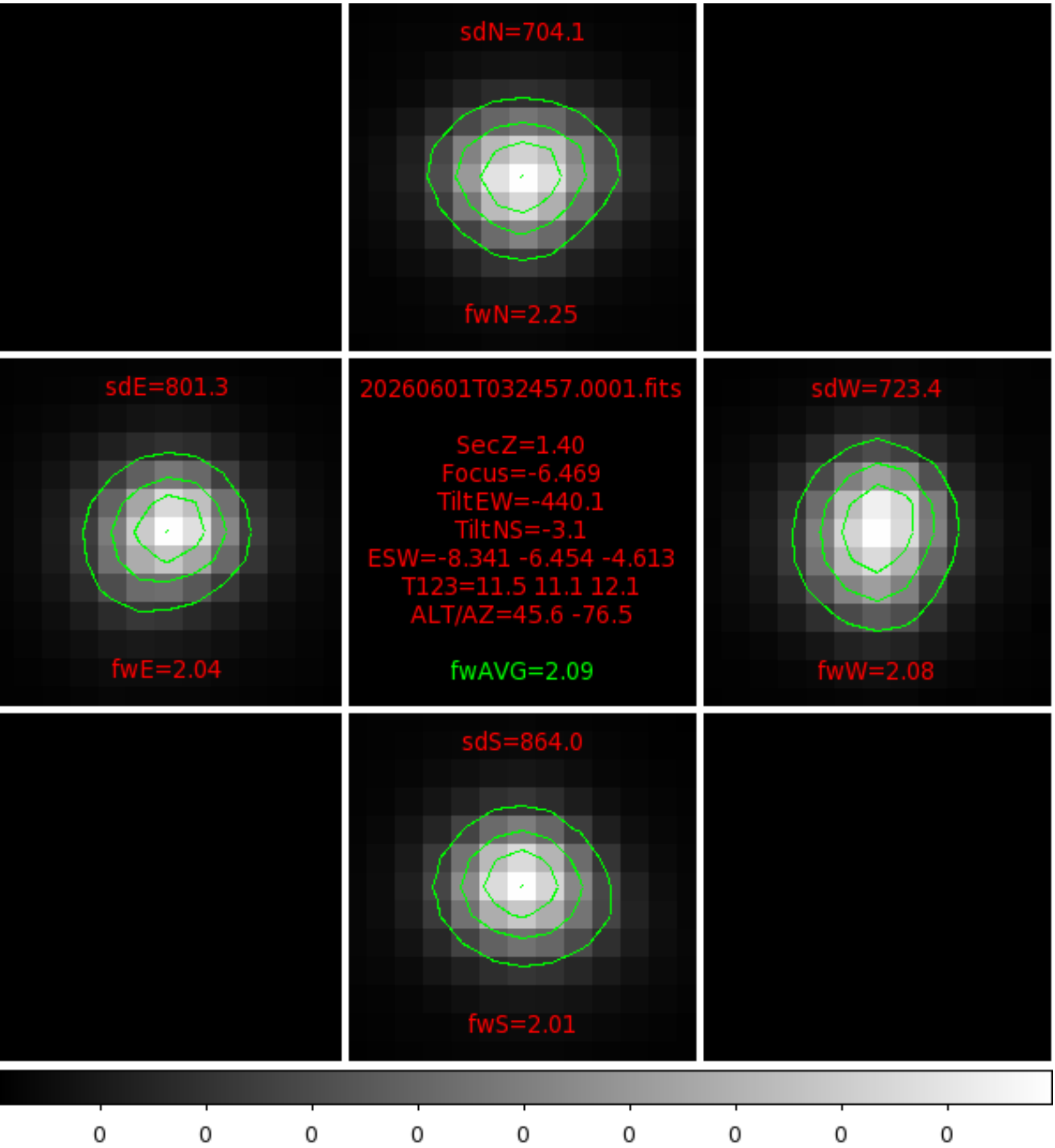
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SecZ=1.40
Focus=-6.469
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.1 12.1
ALT/AZ=45.6 -76.5
fwAVG=2.09
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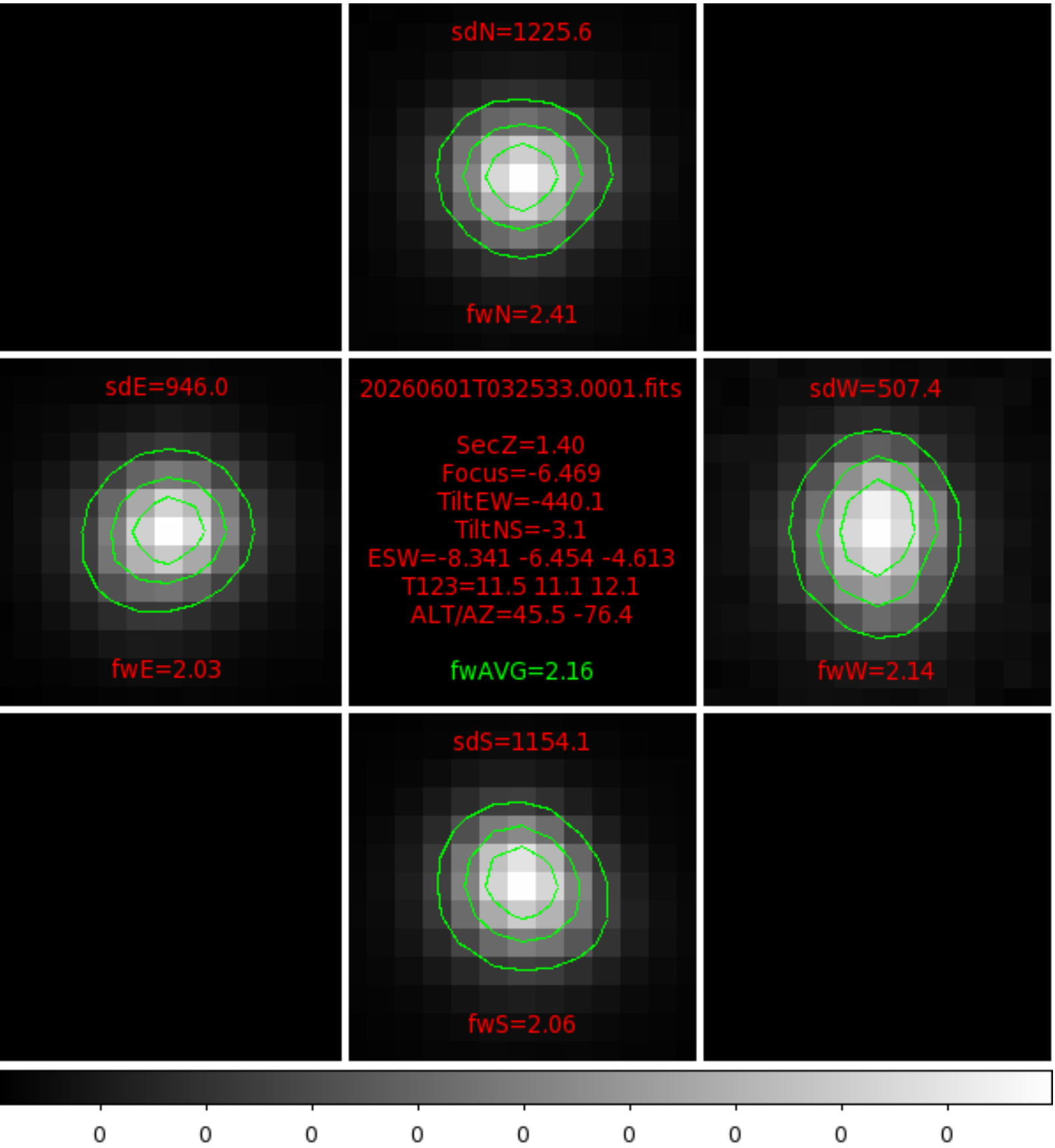
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SecZ=1.40
Focus=-6.469
TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.1 12.1
ALT/AZ=45.5 -76.4
fwAVG=2.16
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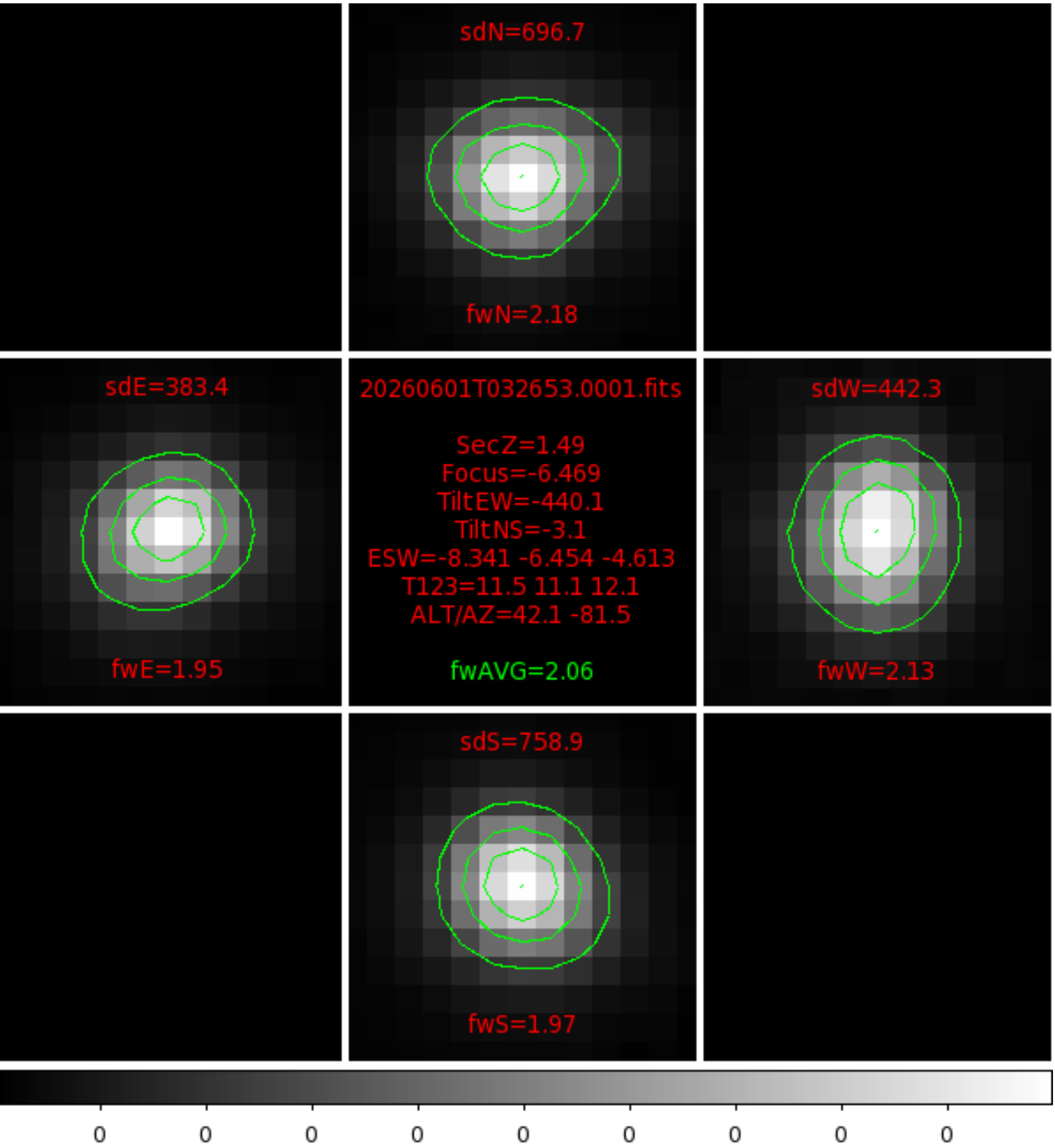
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.5 11.1 12.1
ALT/AZ=42.1 -81.5
fwAVG=2.06
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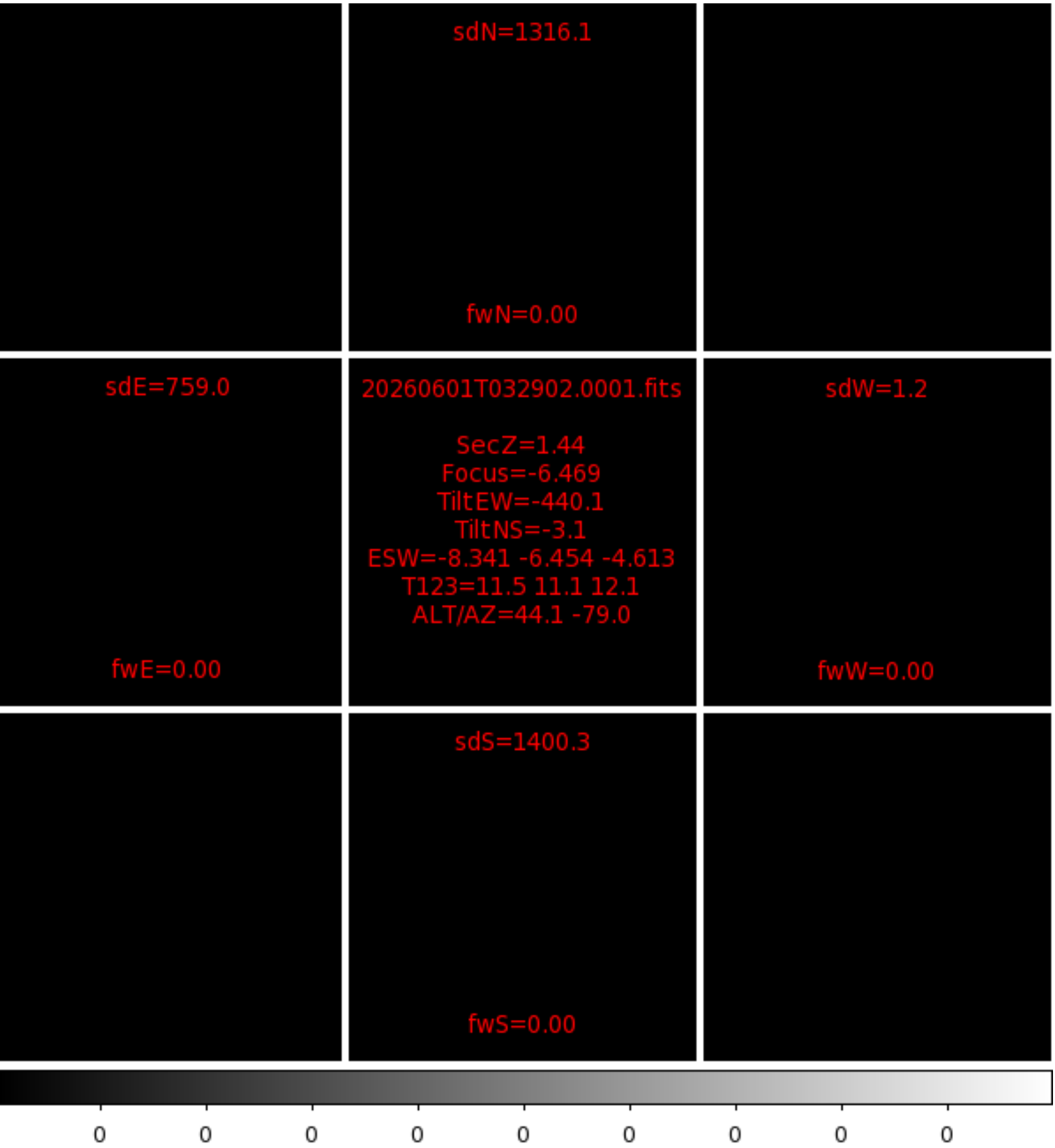
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ALT/AZ=44.1 -79.0
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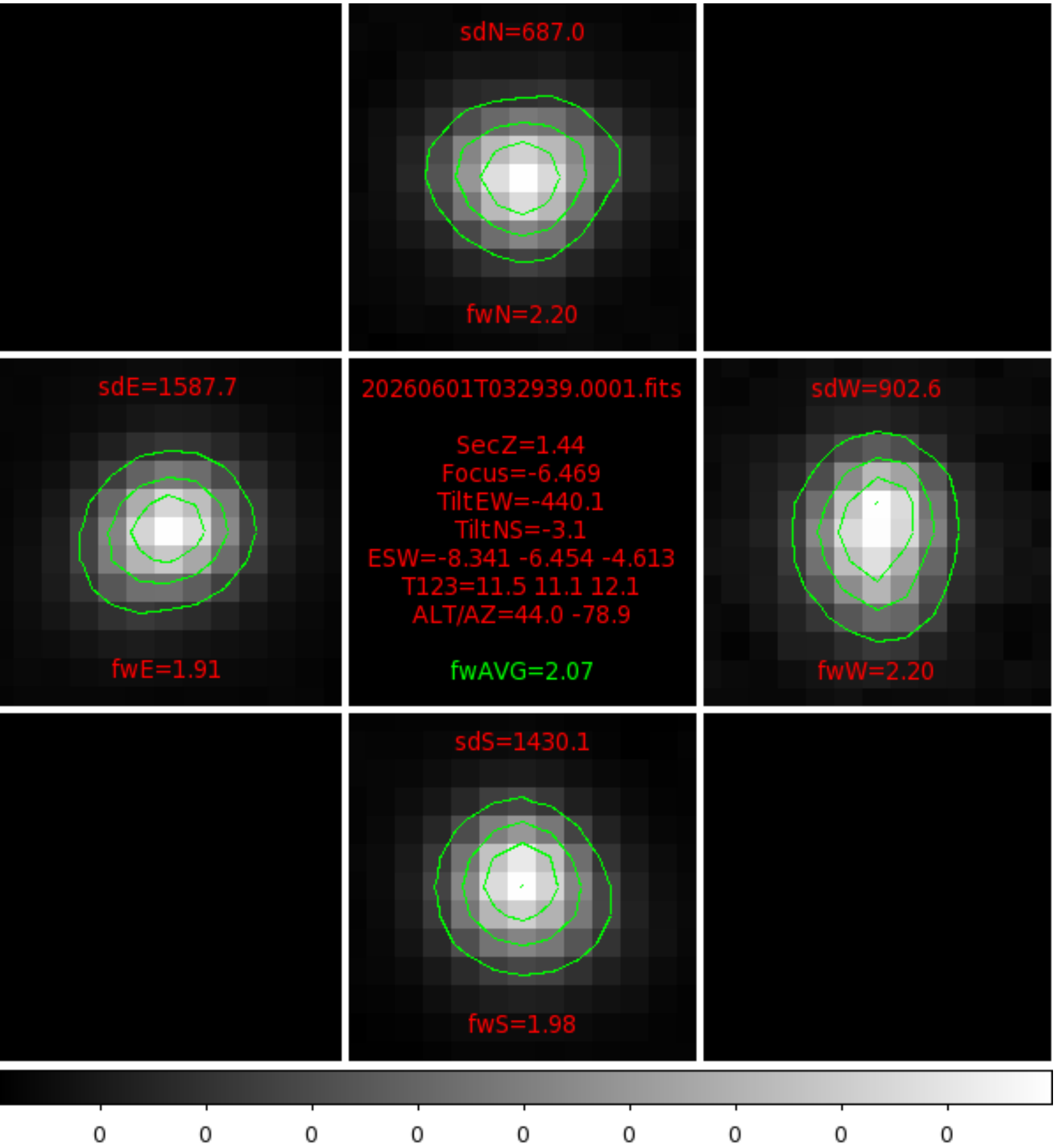
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T123=11.5 11.1 12.1
ALT/AZ=44.0 -78.9
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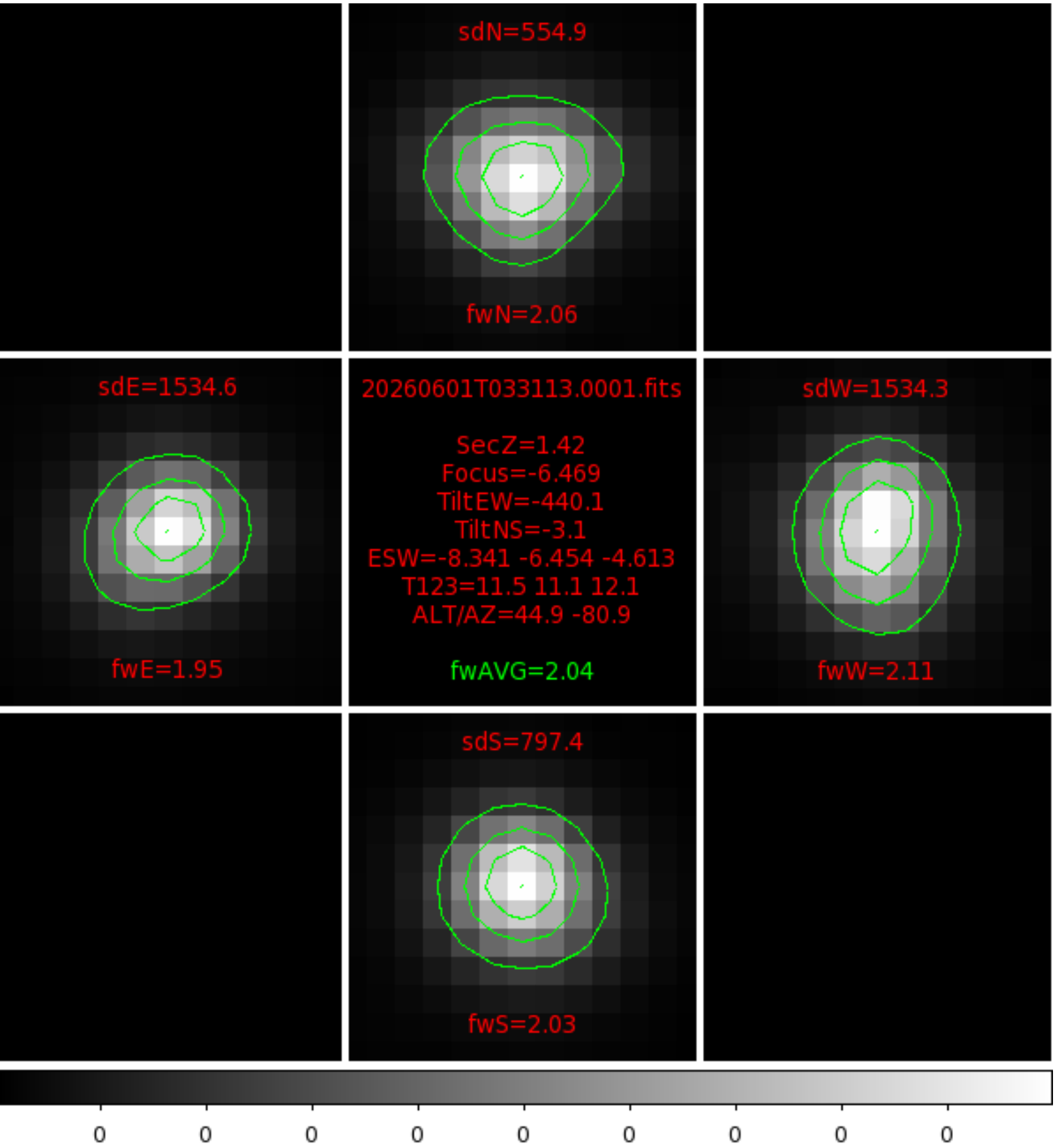
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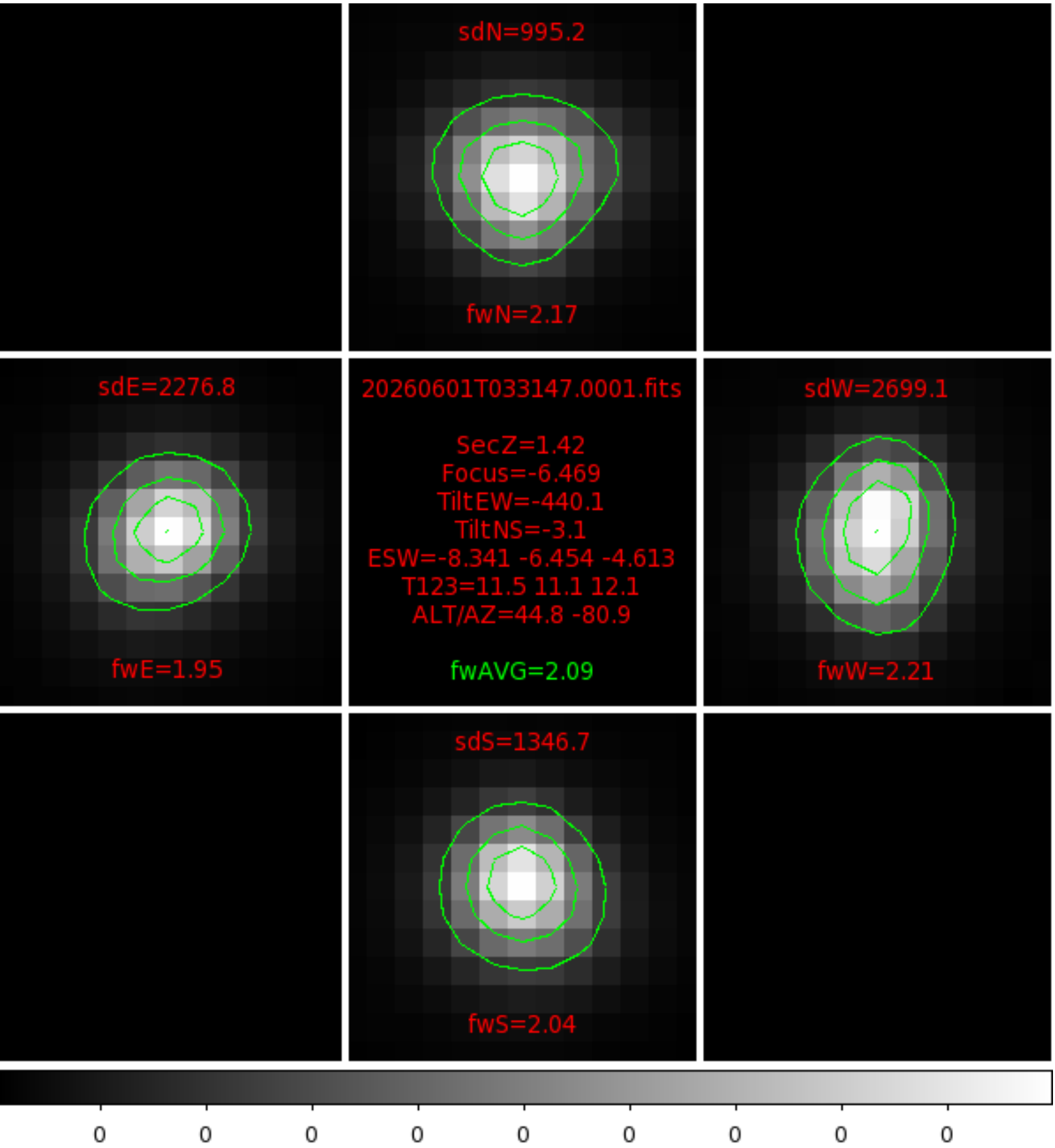
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ESW=-8.341 -6.454 -4.613
T123=11.5 11.1 12.1
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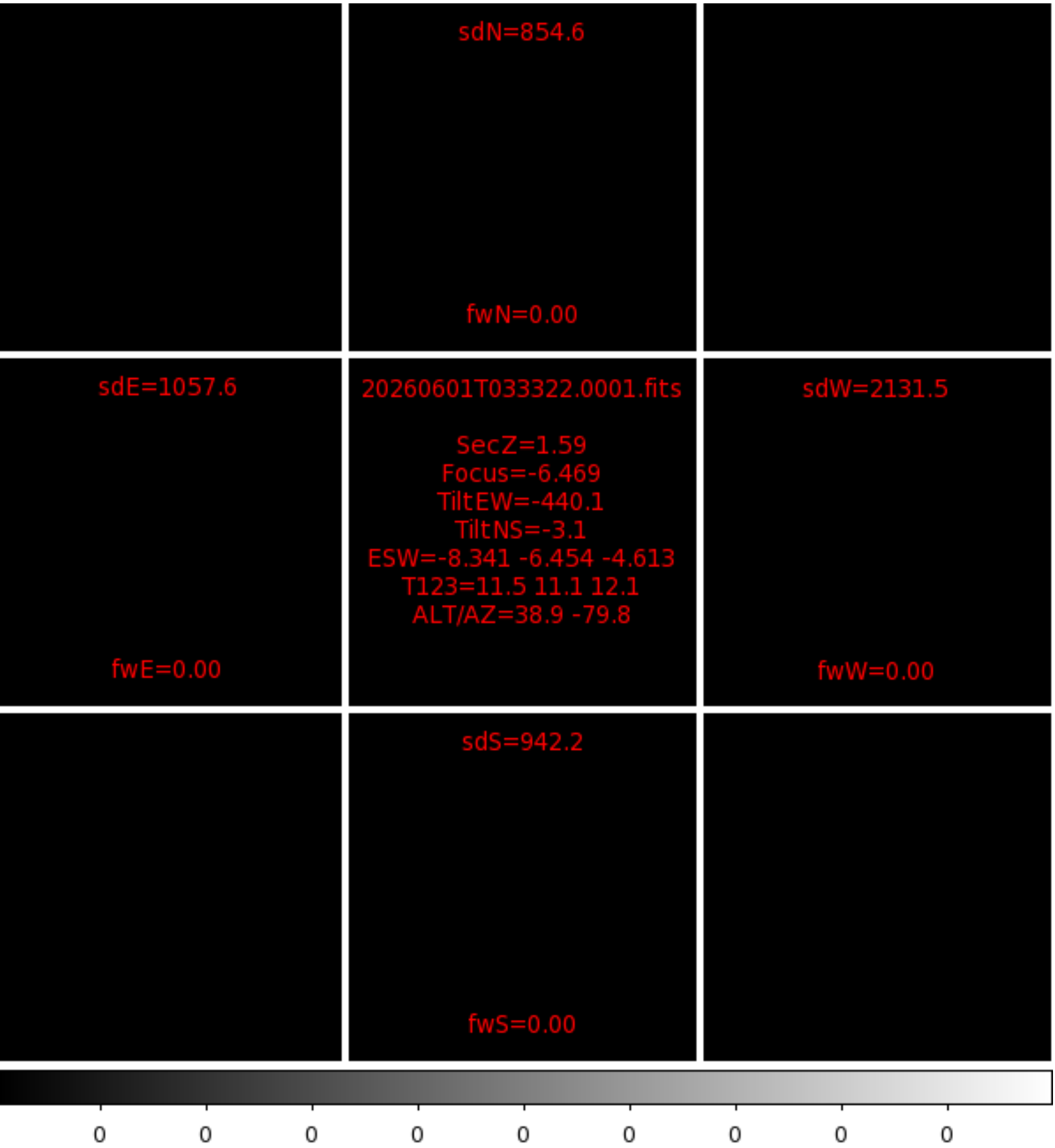
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T123=11.5 11.1 12.1
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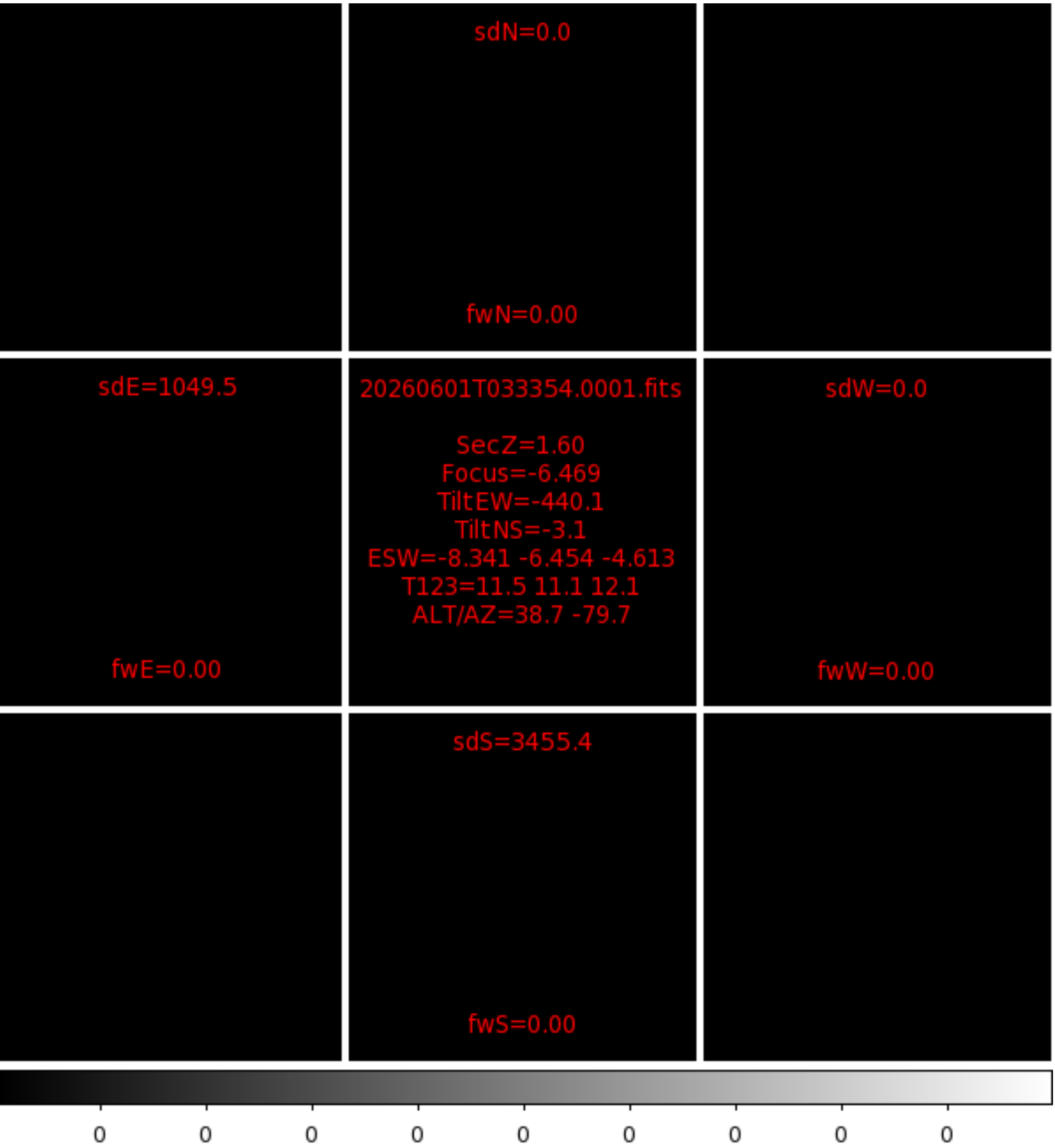
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ALT/AZ=38.7 -79.7
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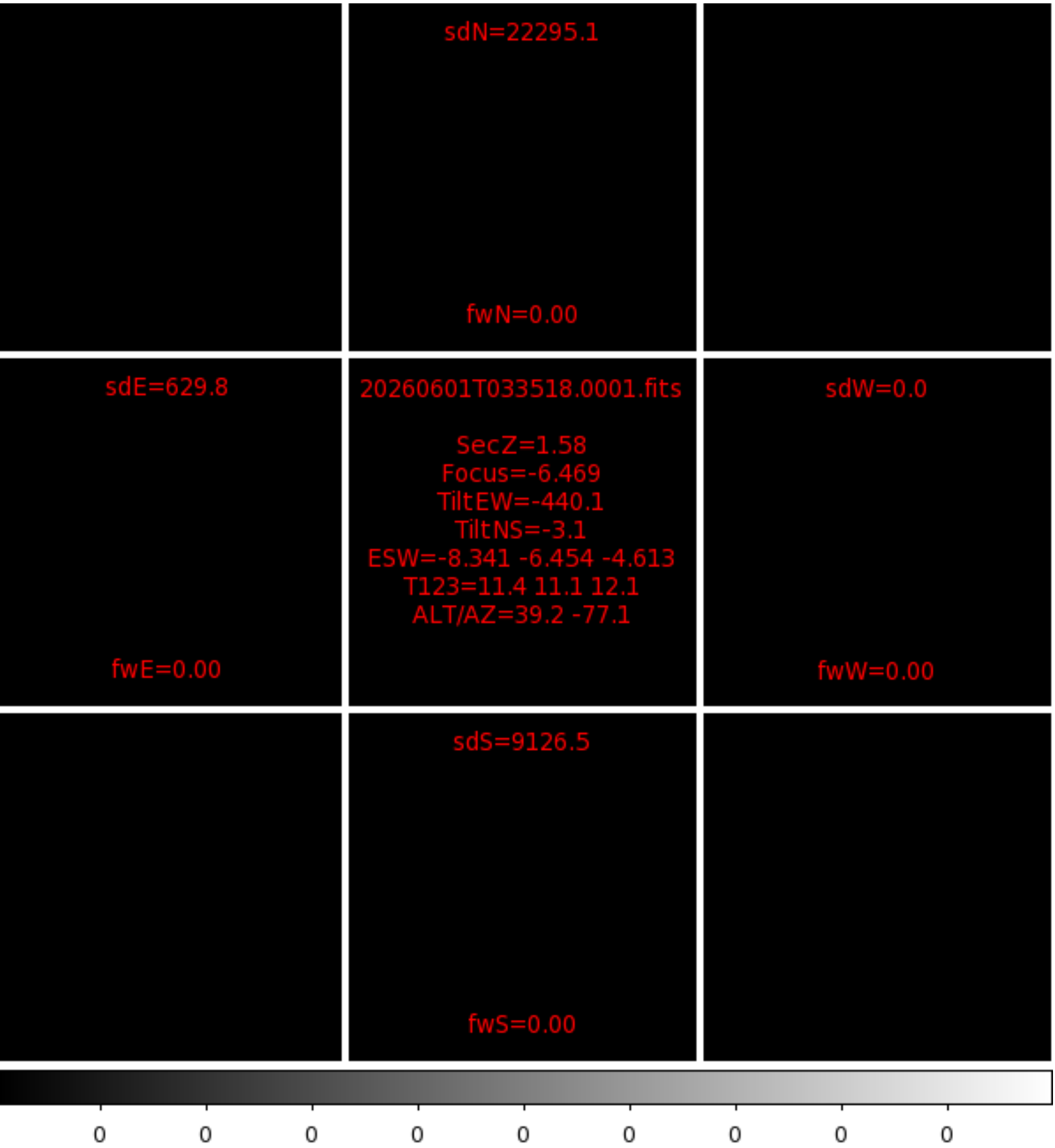
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.4 11.1 12.1
ALT/AZ=39.2 -77.1
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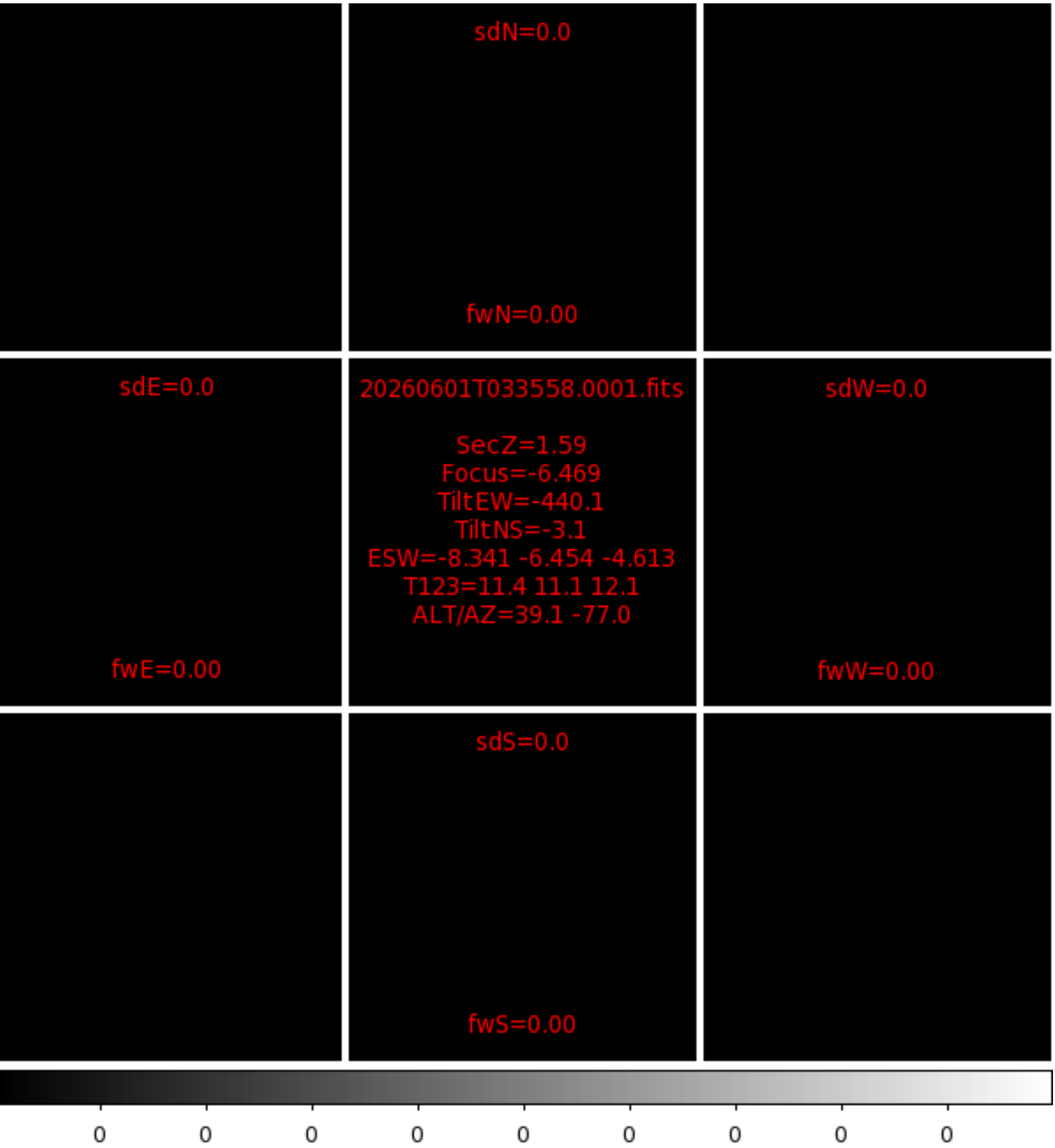
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T123=11.4 11.1 12.1
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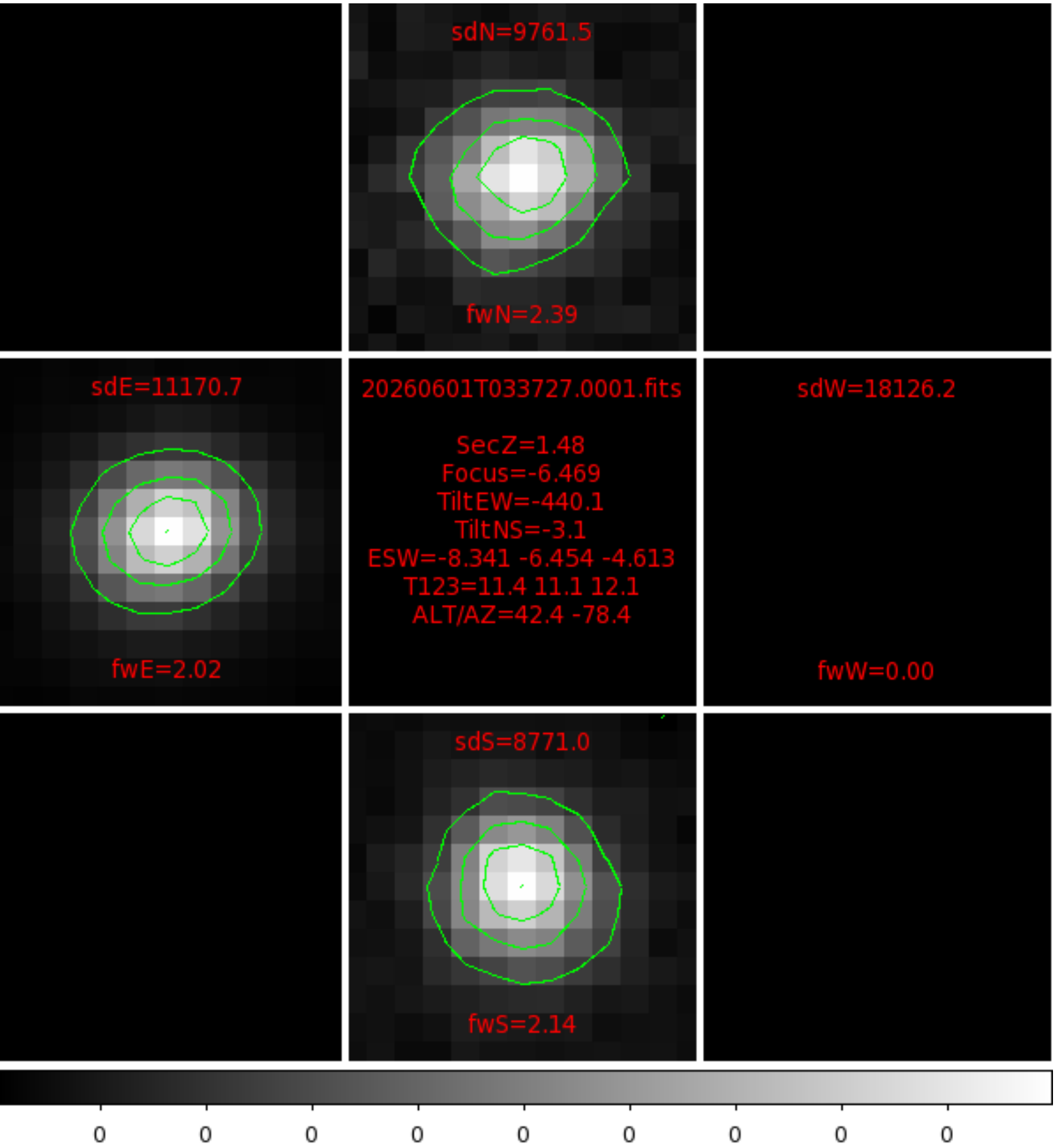
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T123=11.4 11.1 12.1
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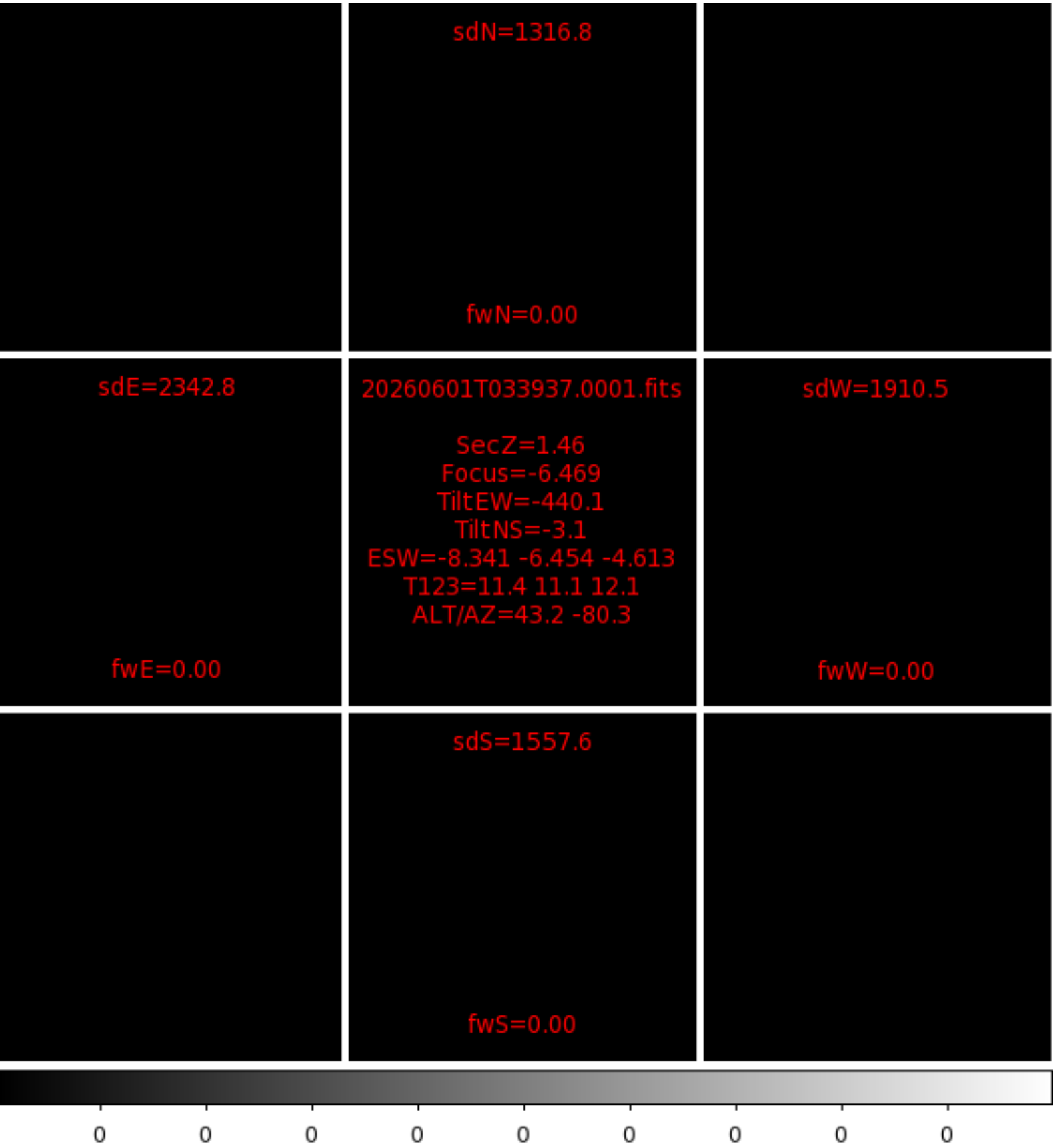
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T123=11.4 11.1 12.1
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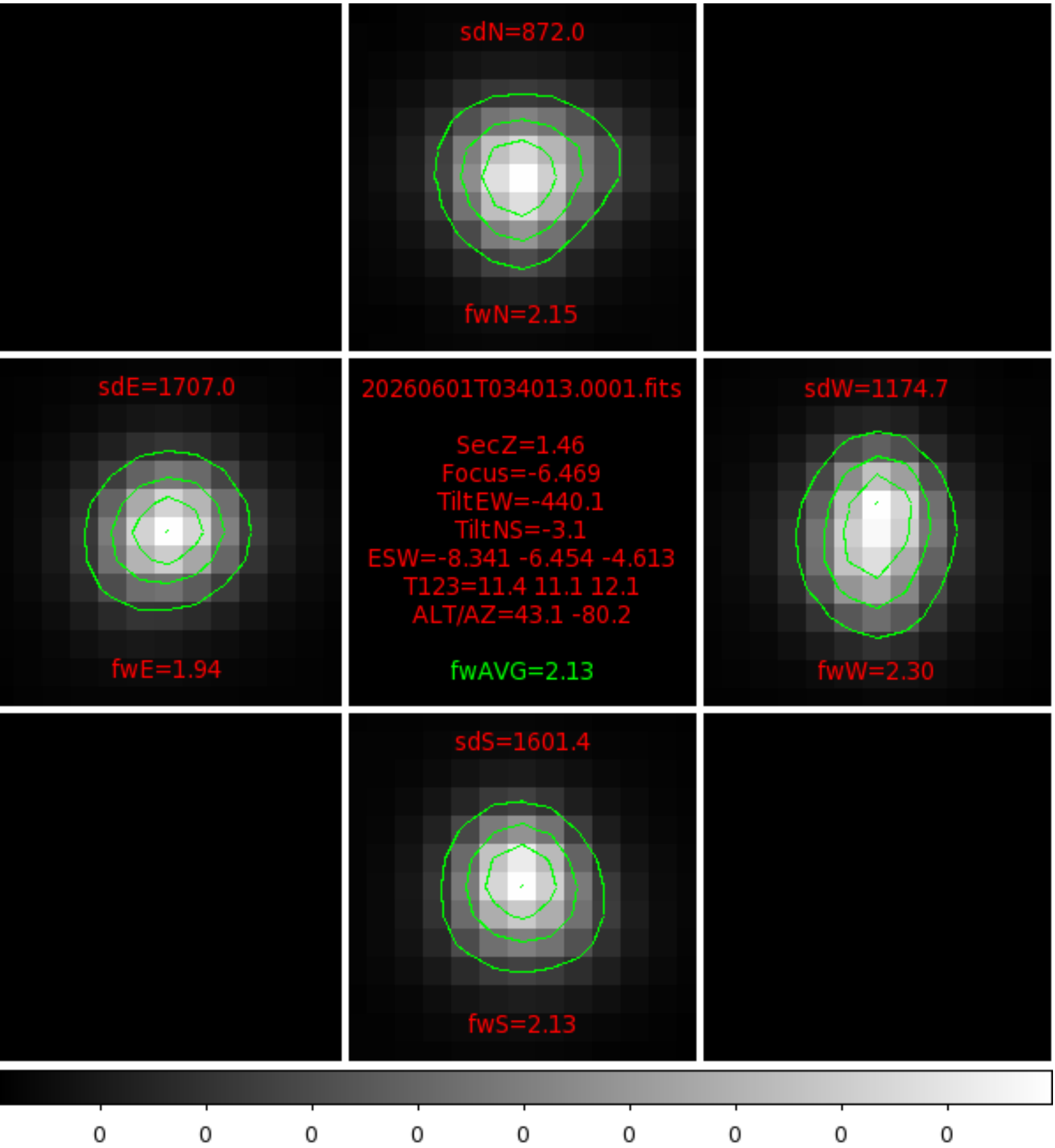
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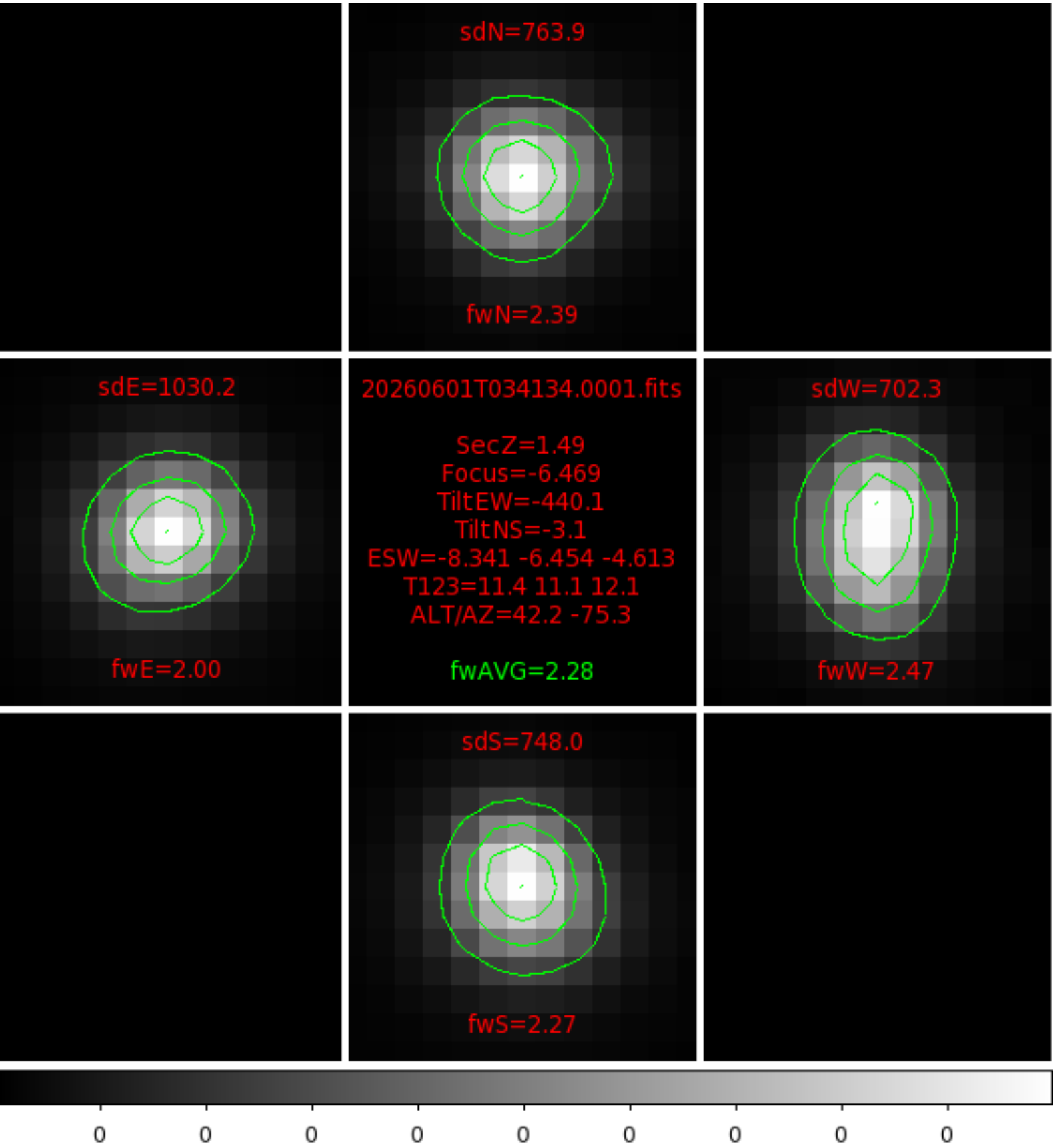
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TiltEW=-440.1
TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.4 11.1 12.1
ALT/AZ=42.2 -75.3
fwAVG=2.28
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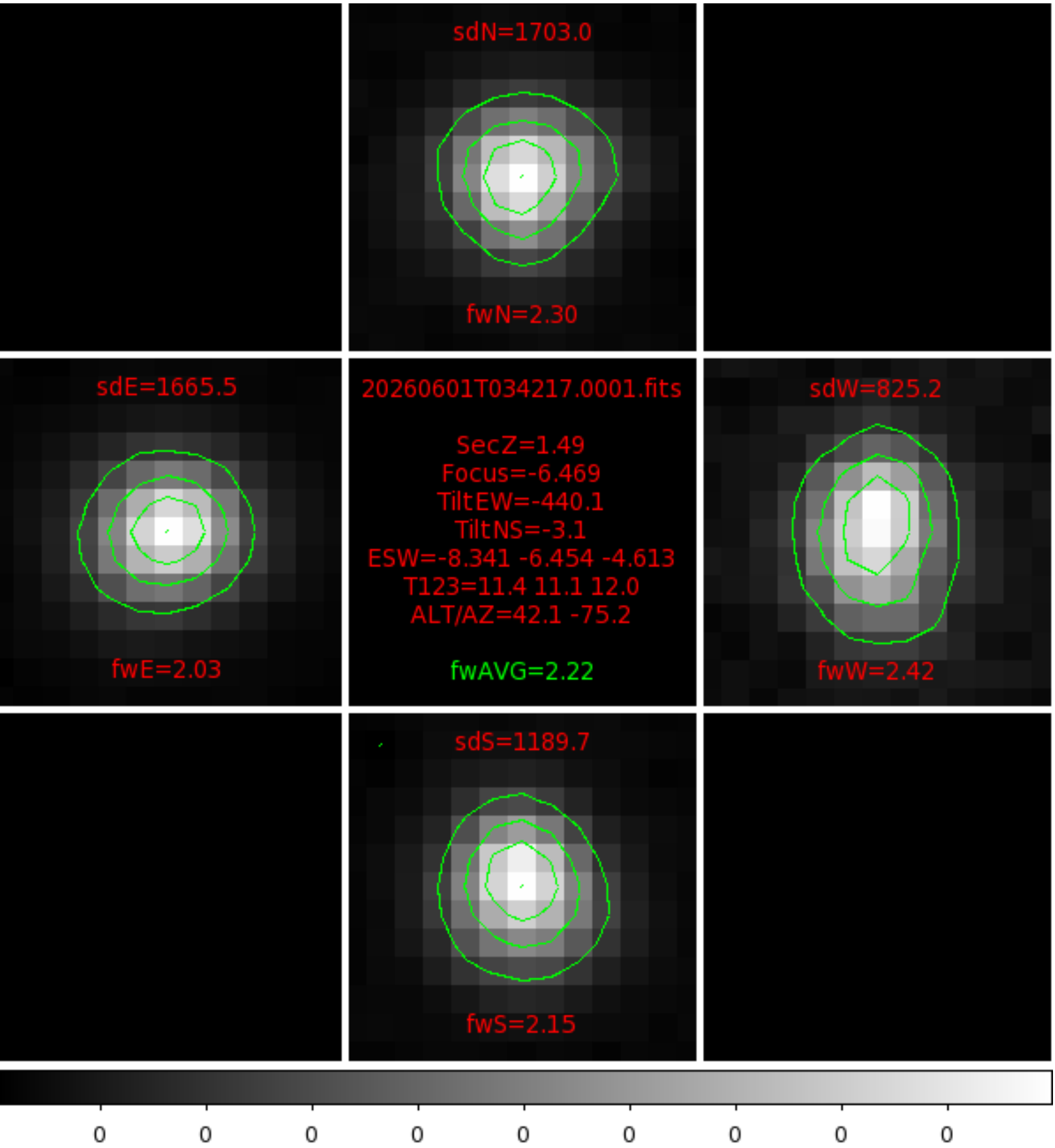
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ESW=-8.341 -6.454 -4.613
T123=11.4 11.1 12.0
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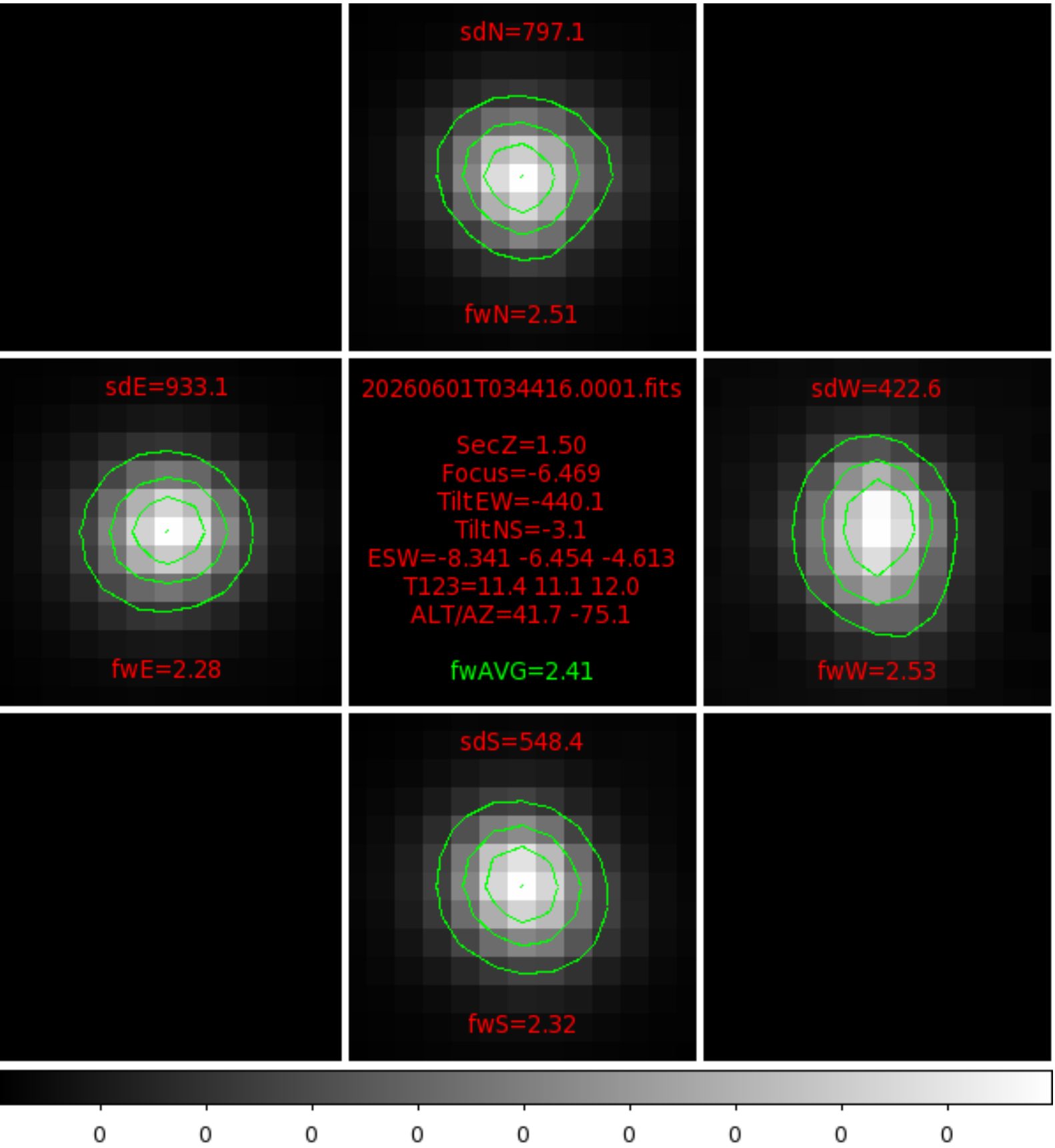
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ESW=-8.341 -6.454 -4.613
T123=11.4 11.1 12.0
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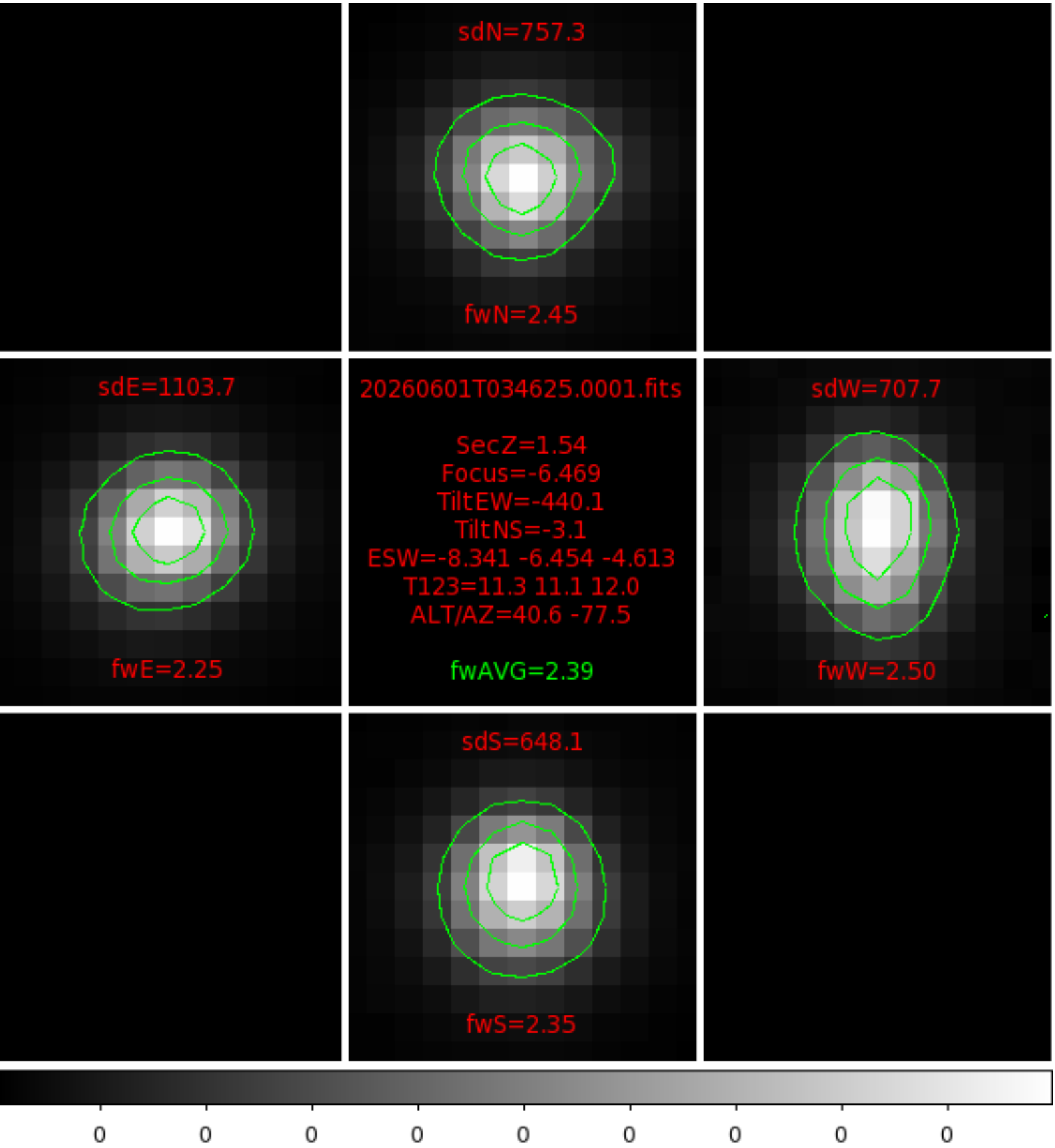
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.1 12.0
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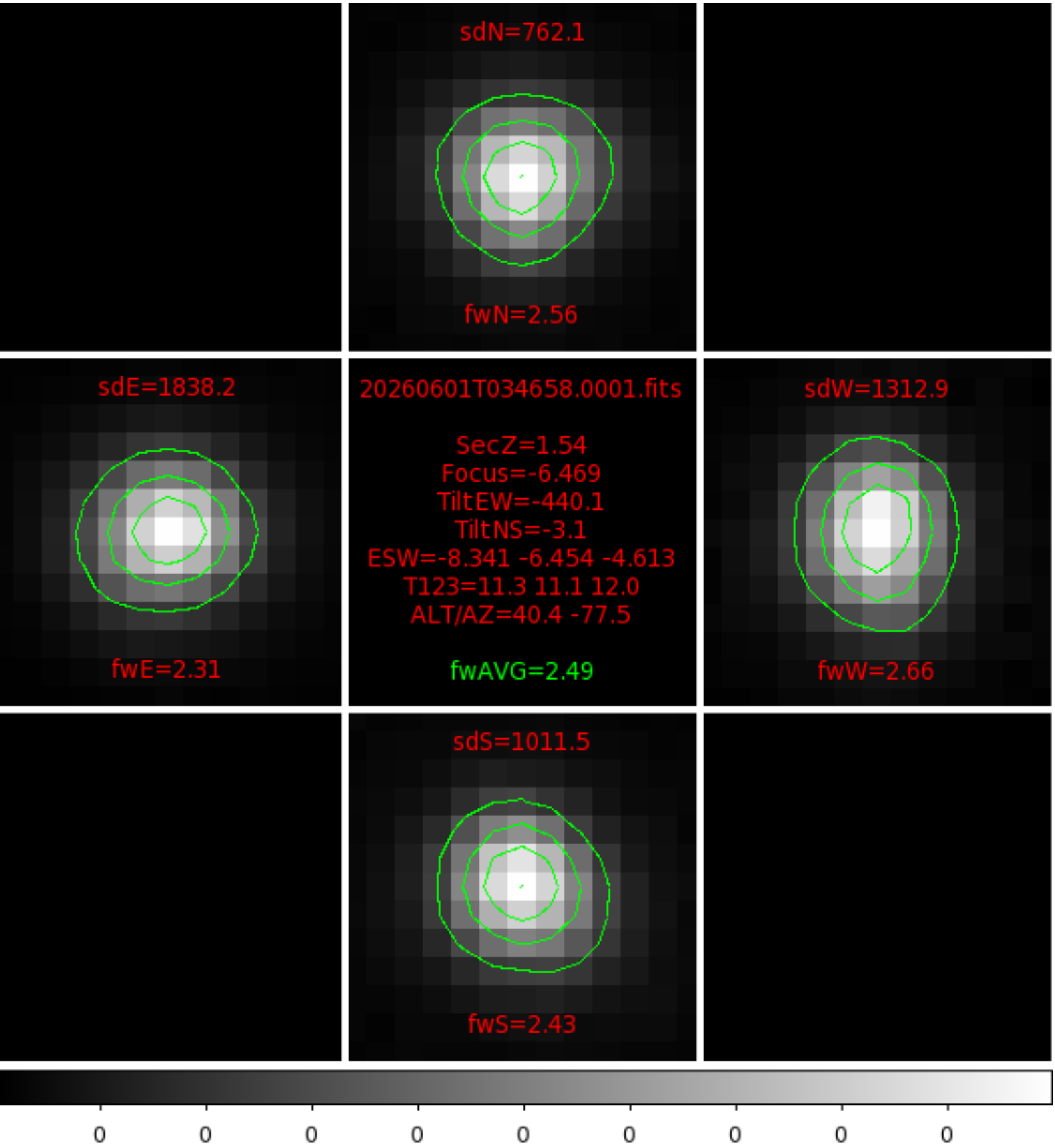
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.1 12.0
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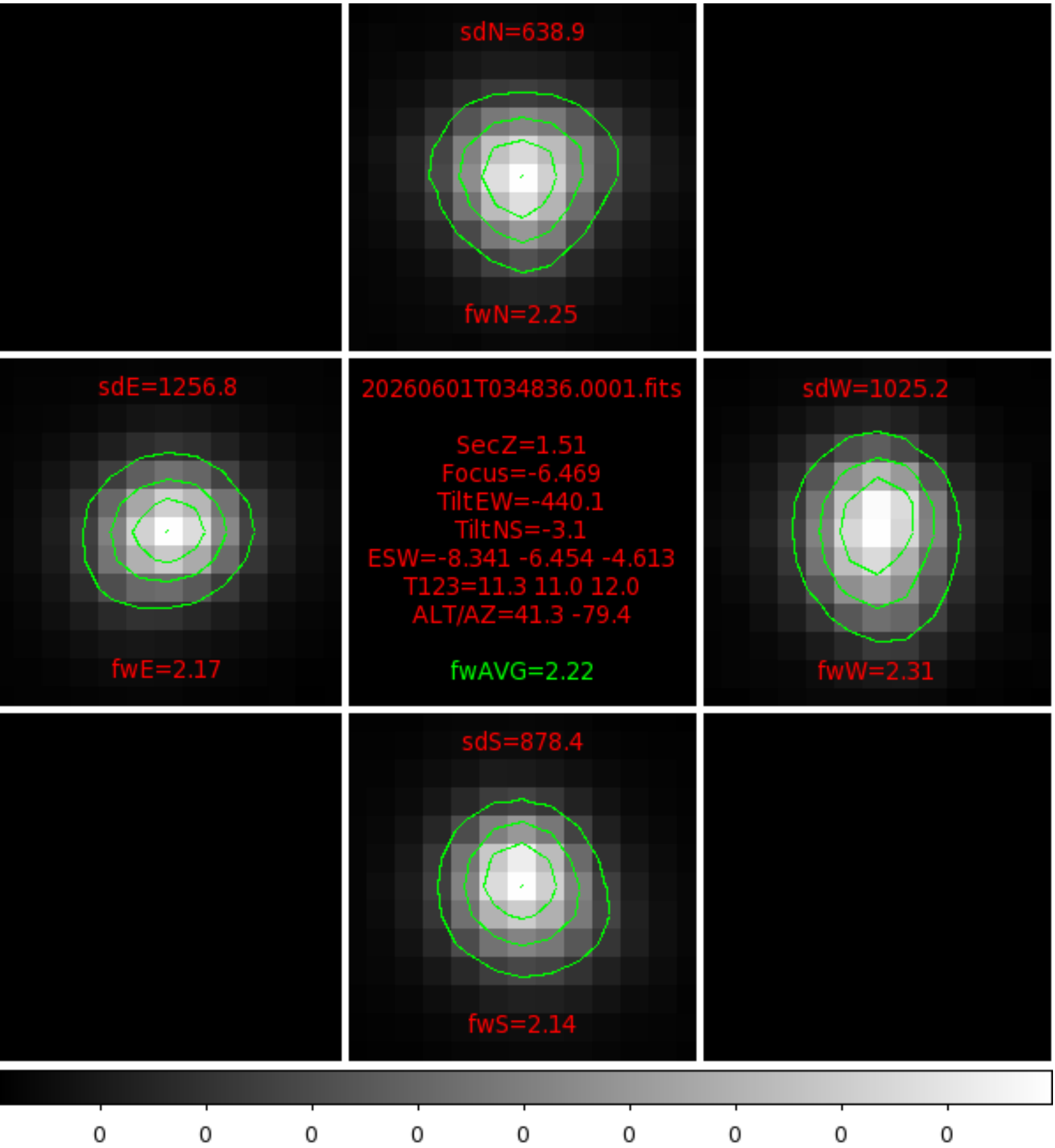
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TiltEW=-440.1
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 12.0
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fwAVG=2.22
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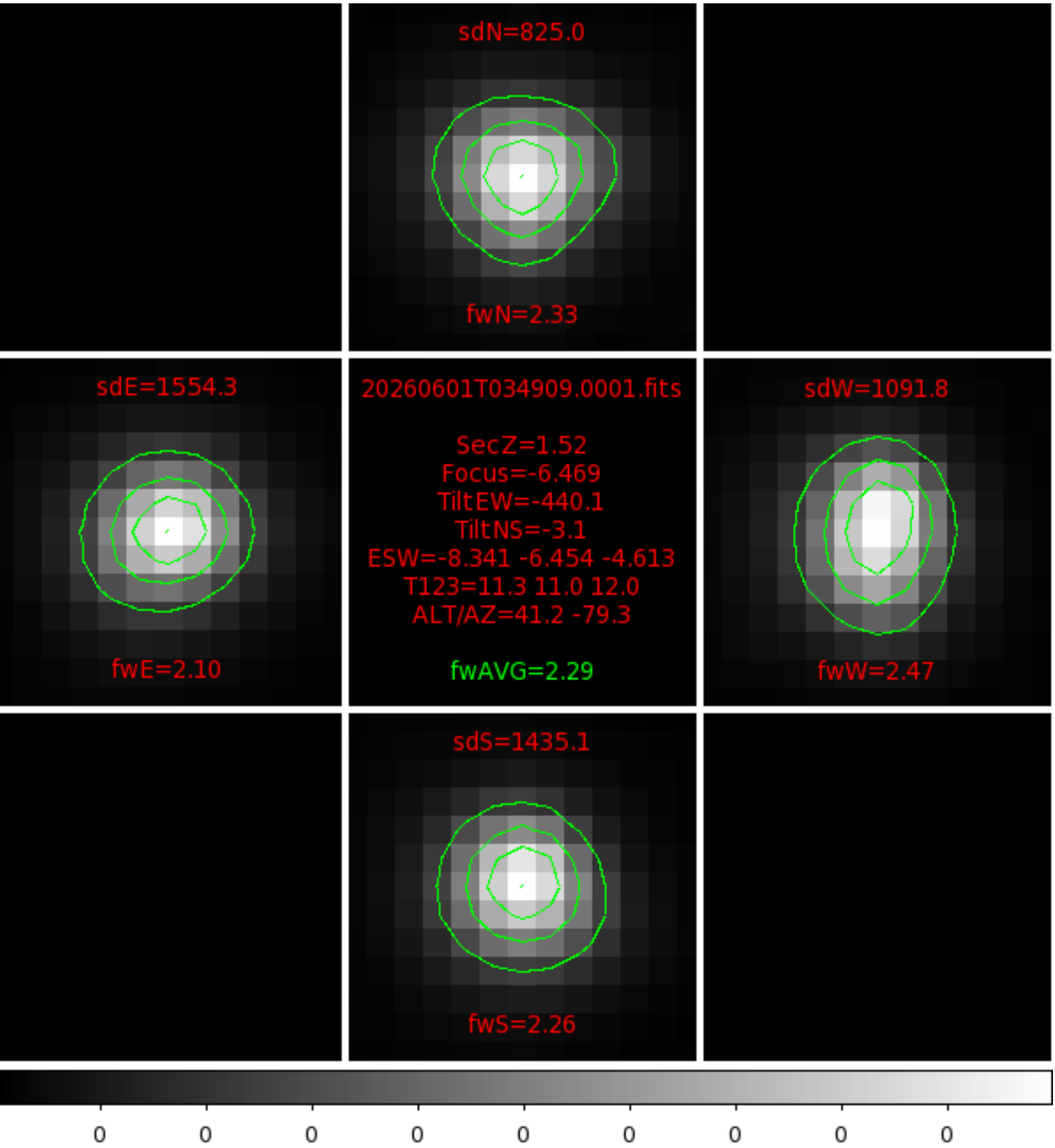
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 12.0
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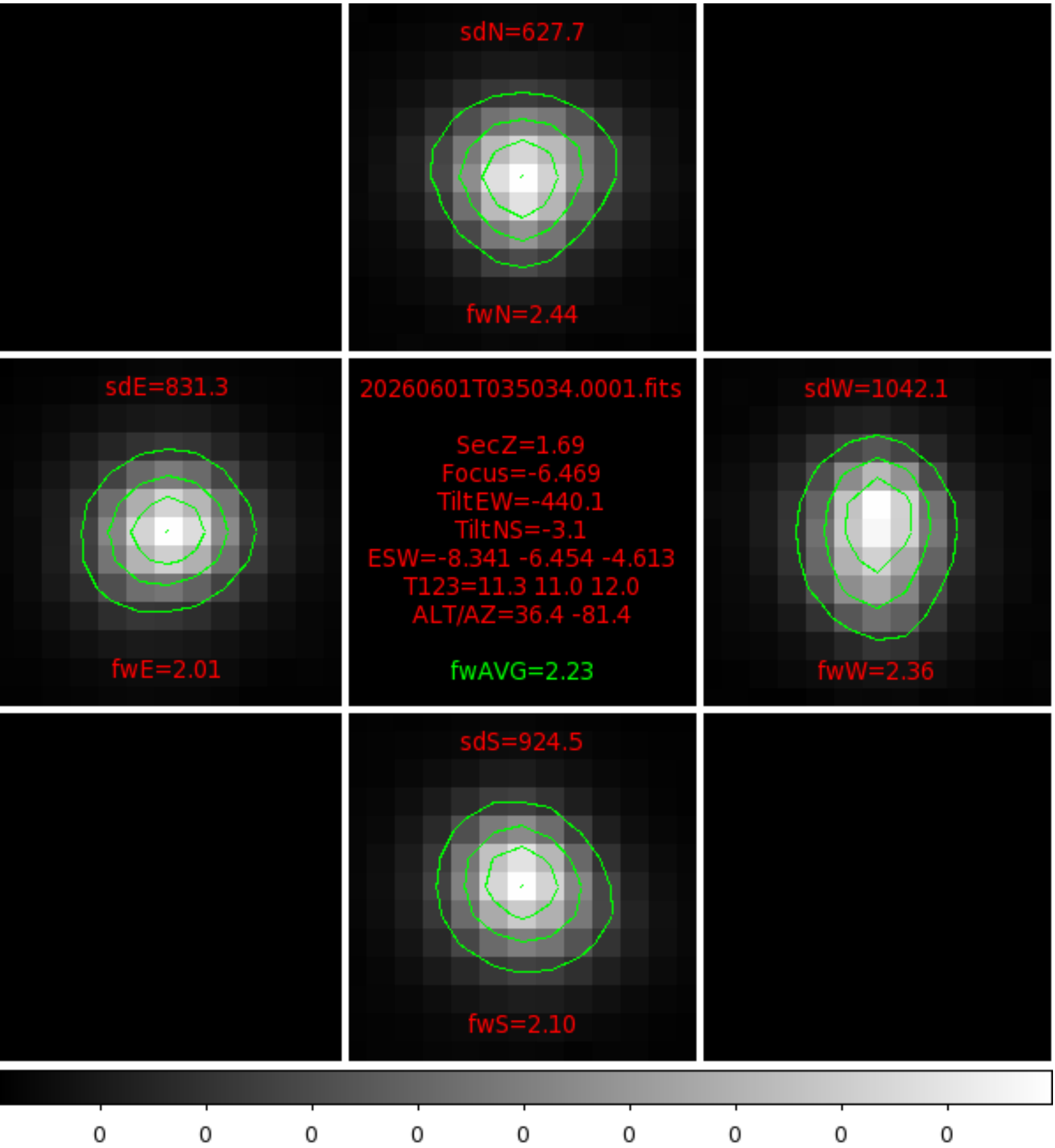
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 12.0
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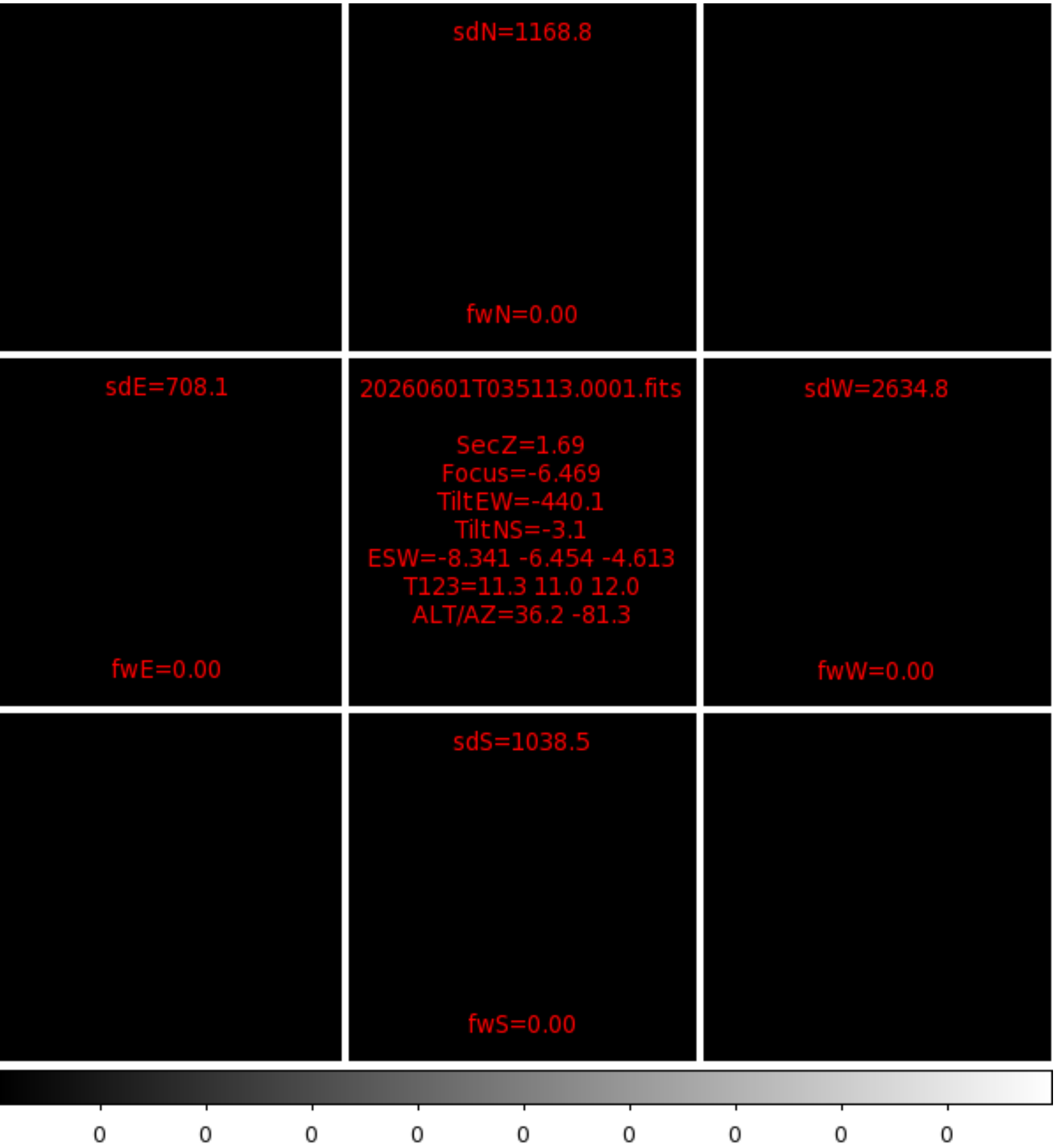
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T123=11.3 11.0 12.0
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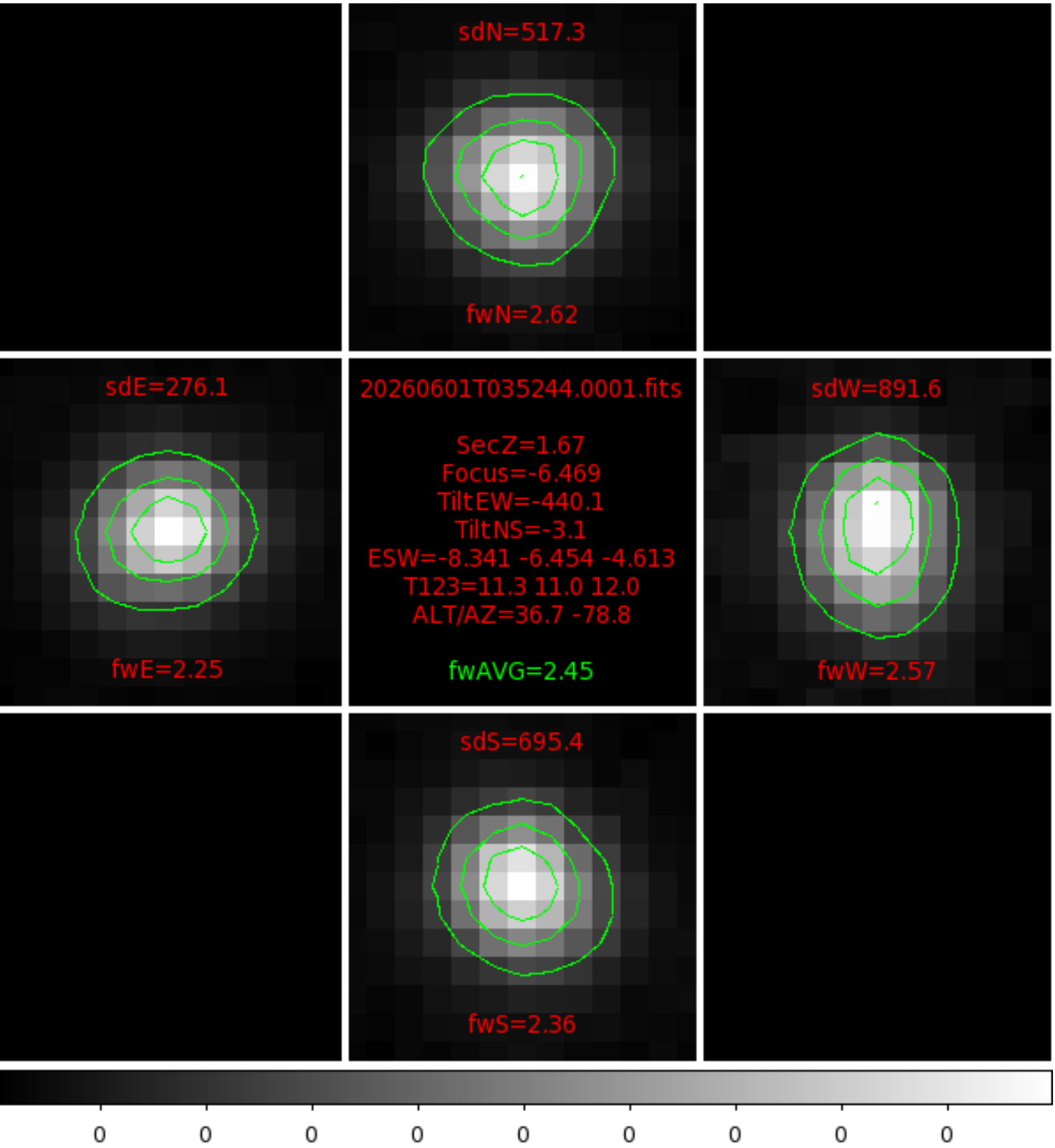
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T123=11.3 11.0 12.0
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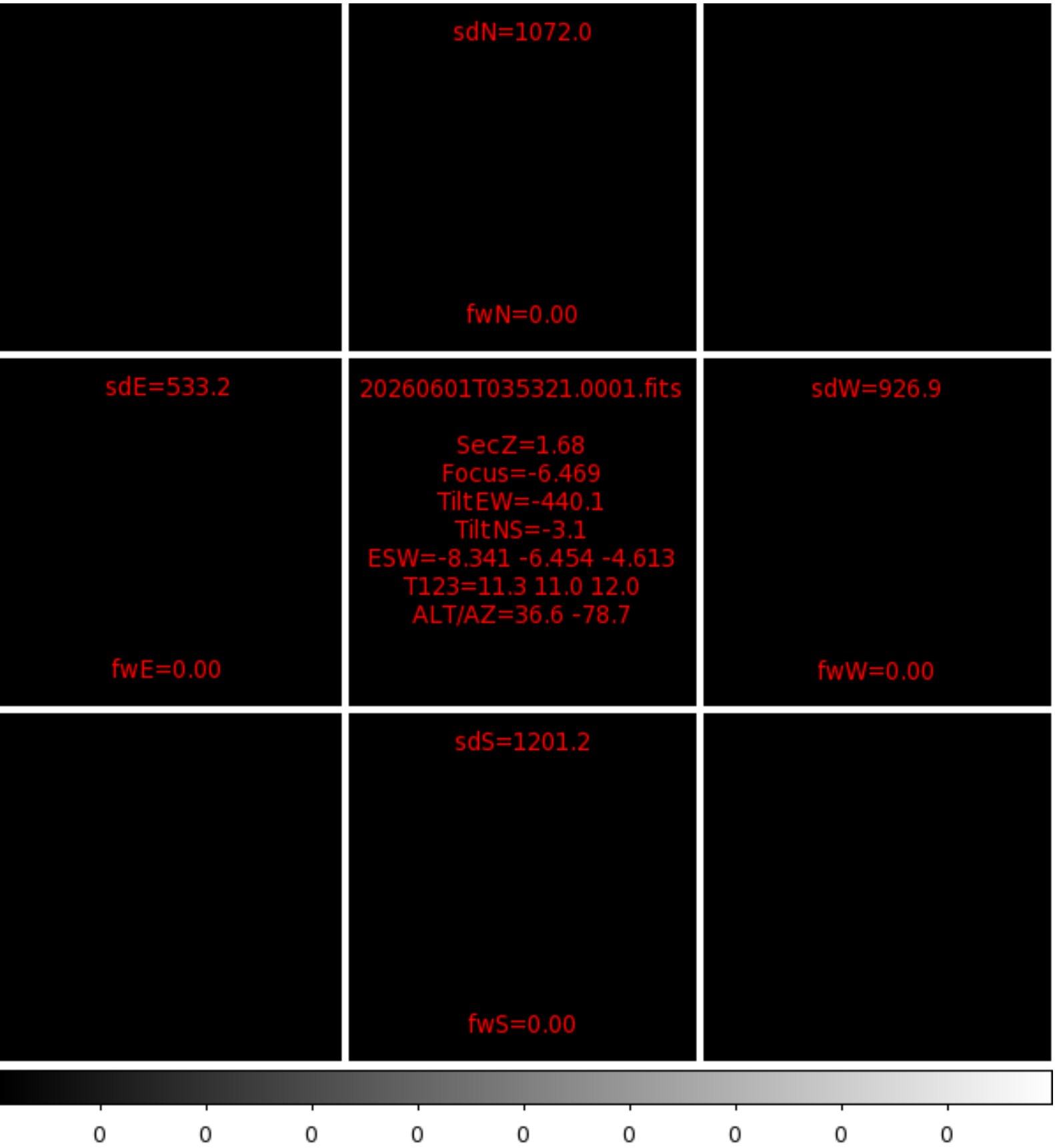
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 12.0
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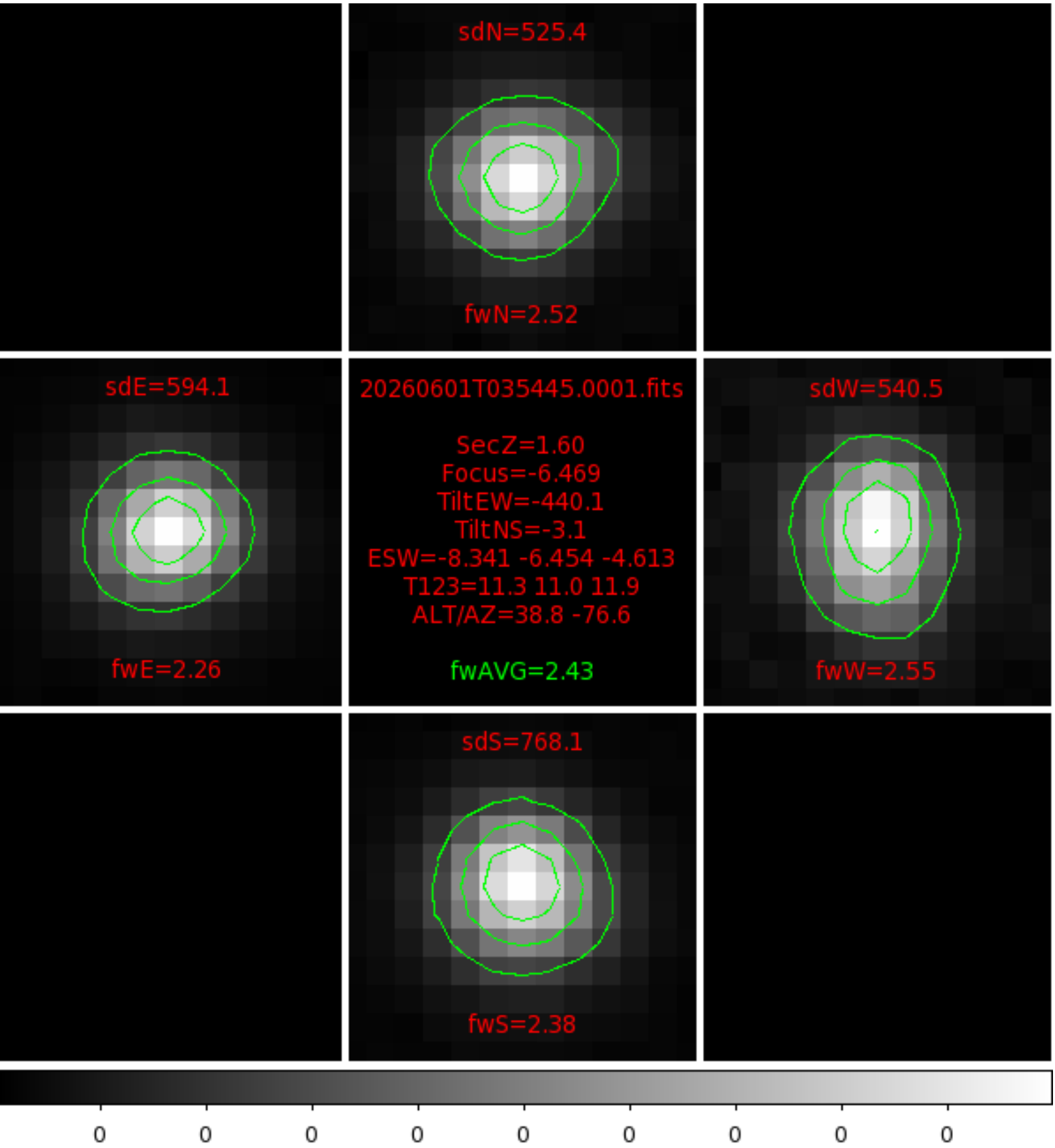
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T123=11.3 11.0 11.9
ALT/AZ=38.8 -76.6
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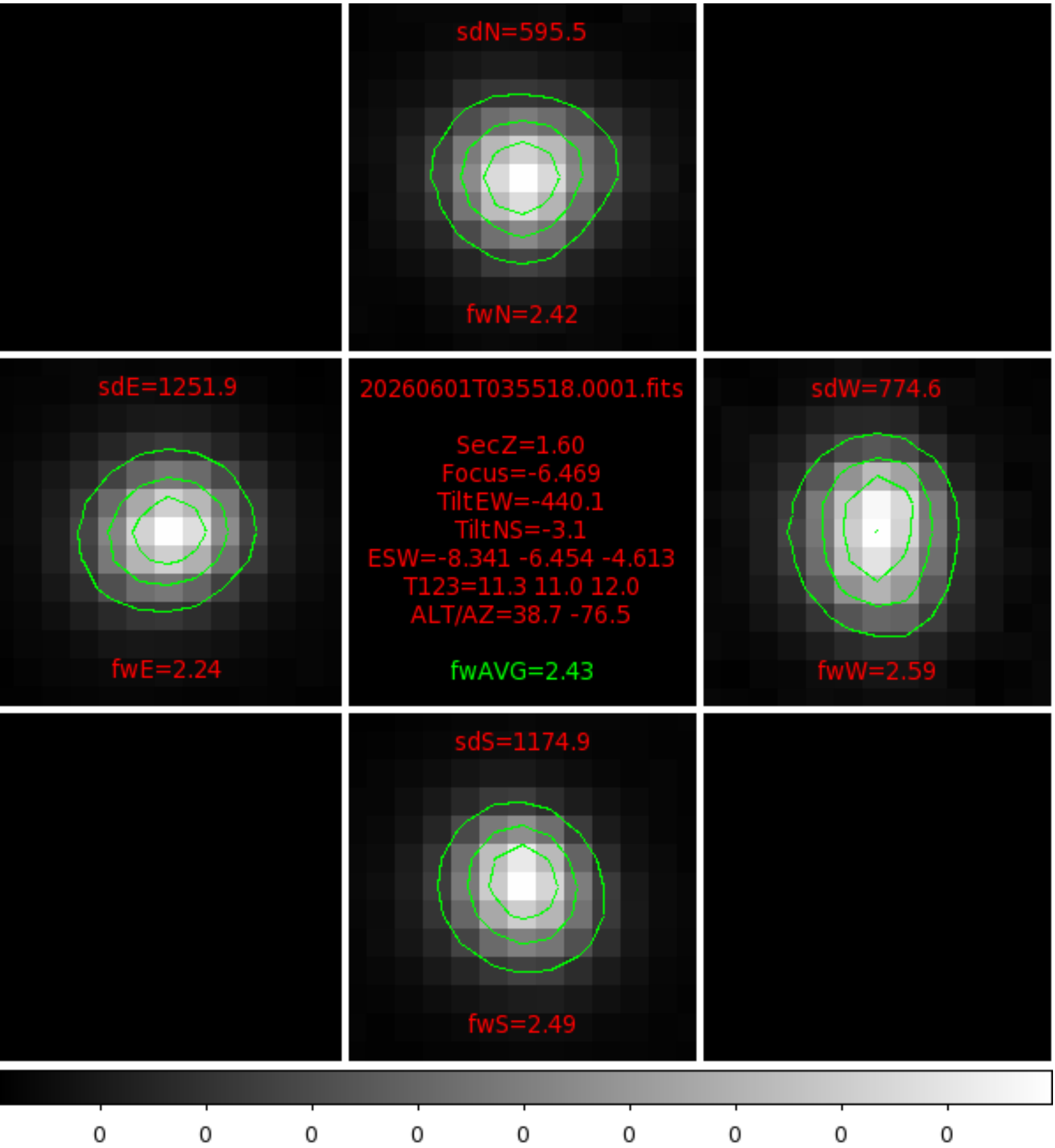
sdN=595.5
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SecZ=1.60
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TiltEW=-440.1
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 12.0
ALT/AZ=38.7 -76.5
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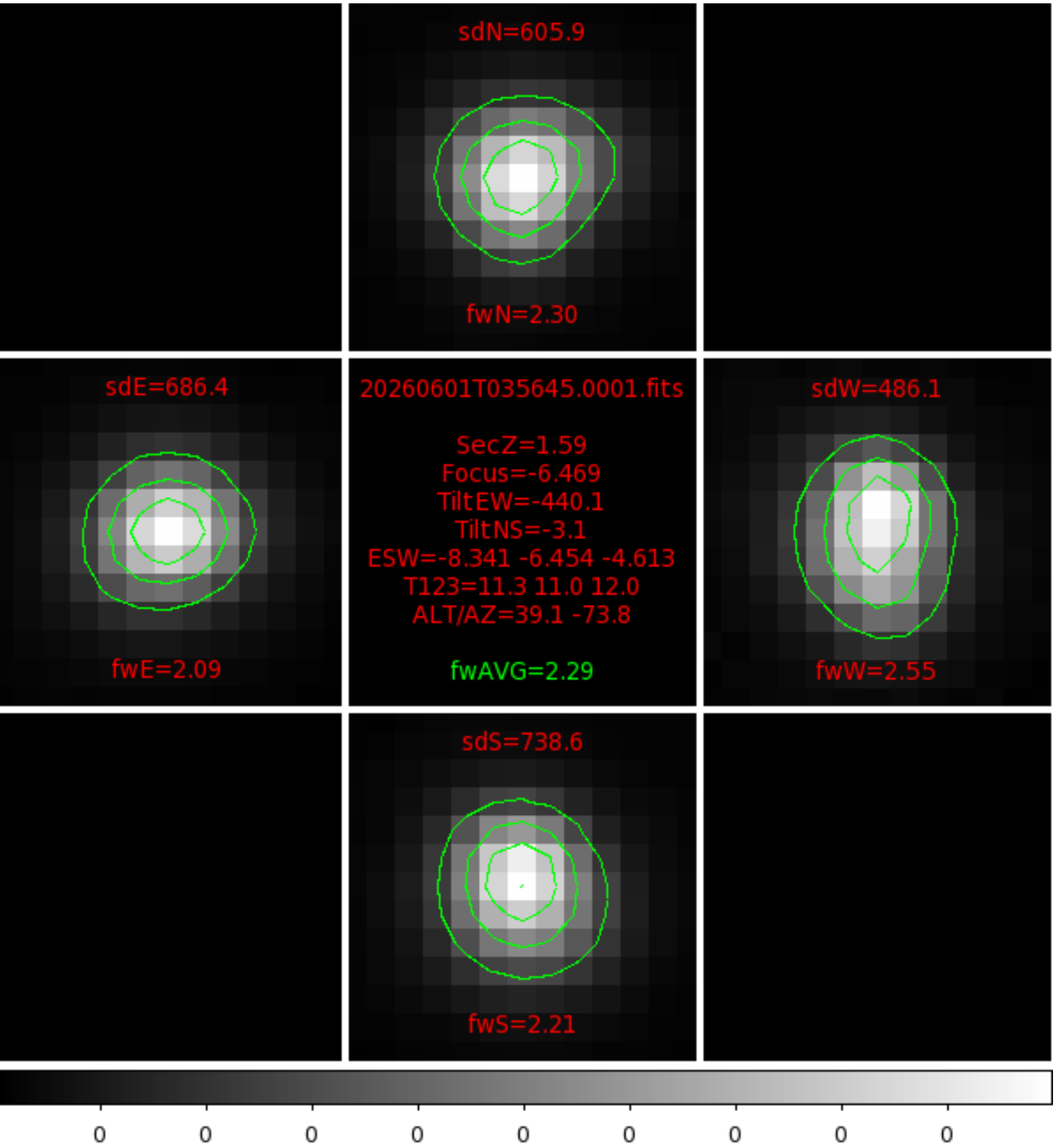
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 12.0
ALT/AZ=39.1 -73.8
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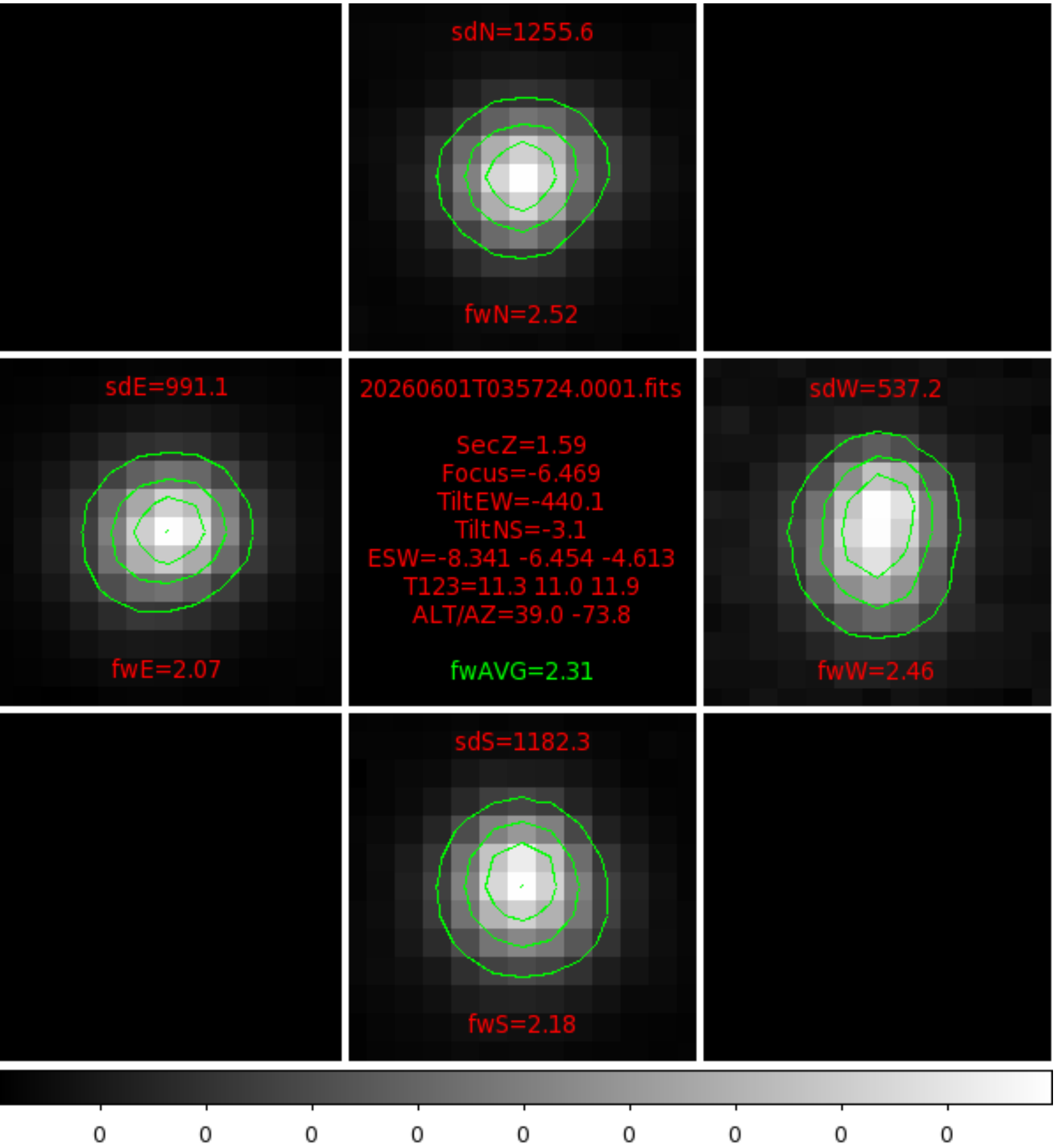
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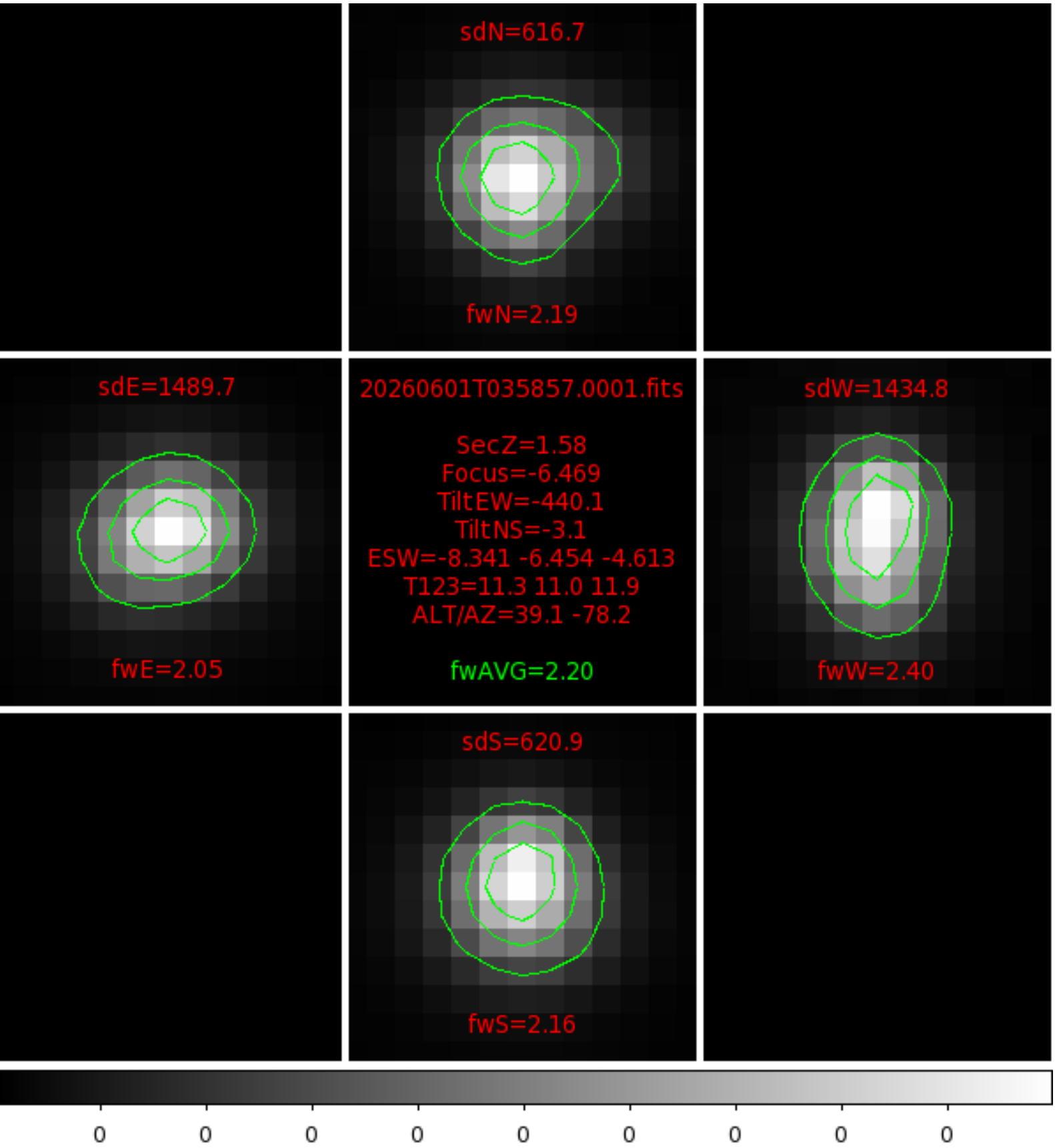
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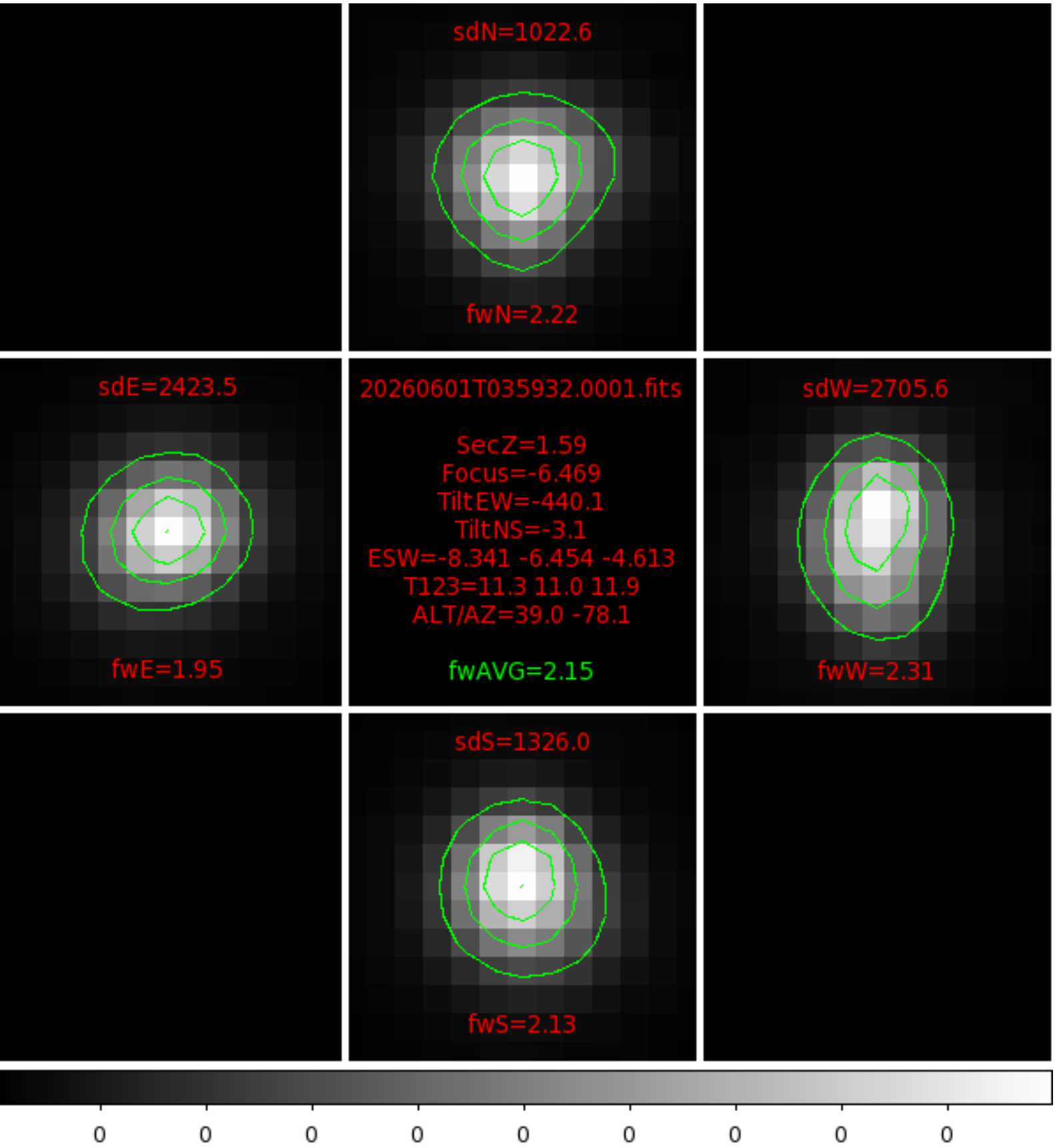
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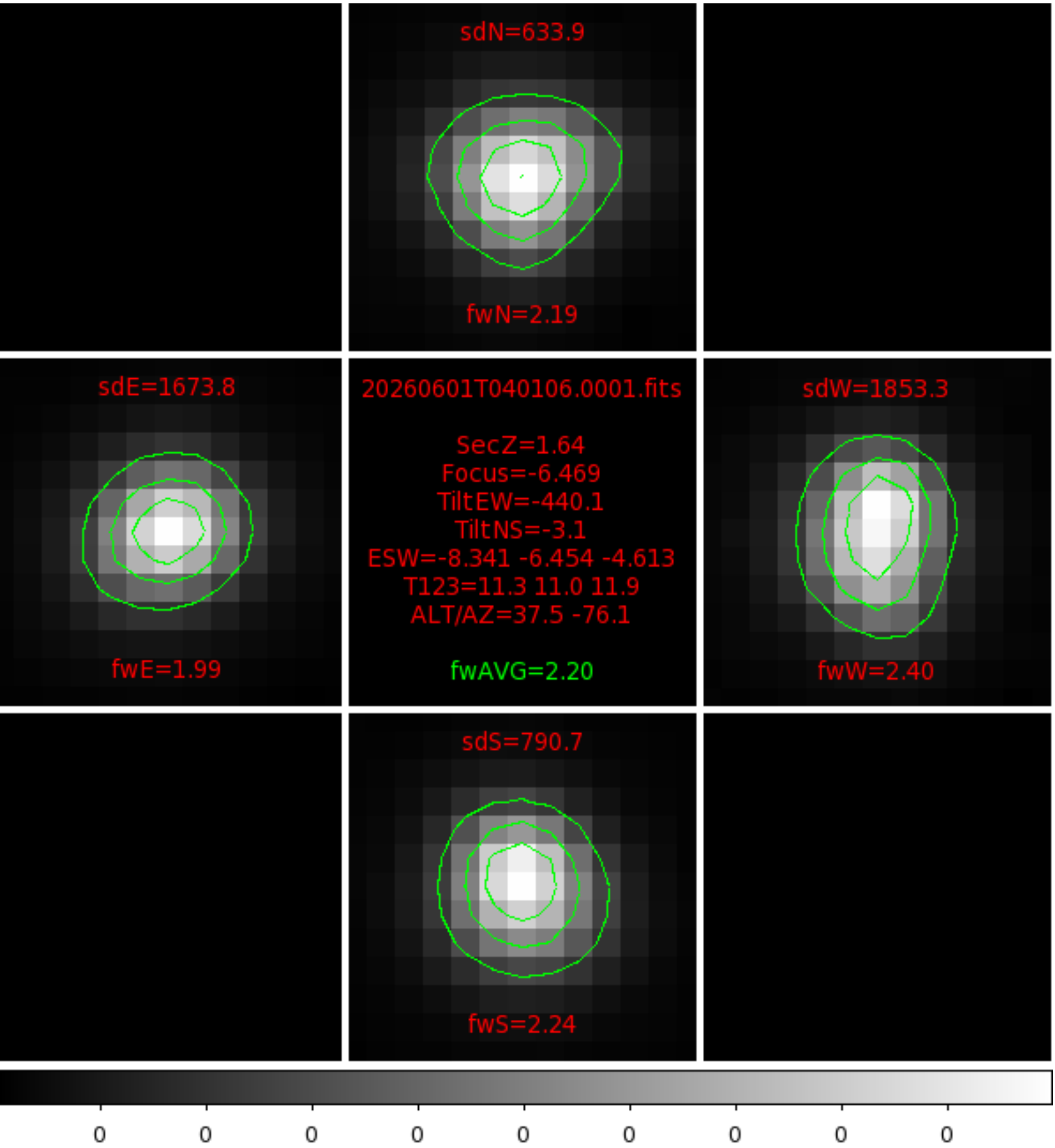
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 11.9
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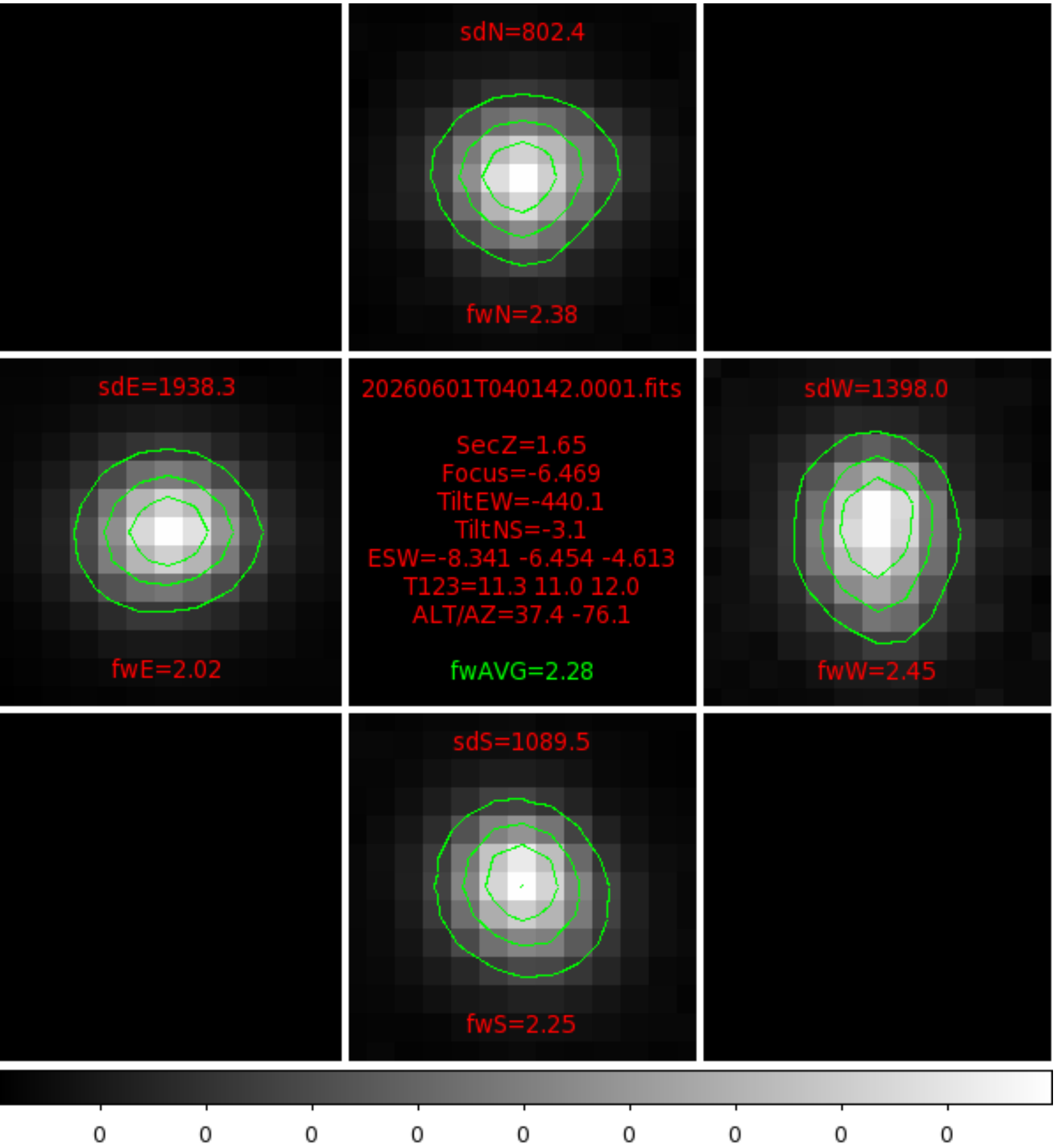
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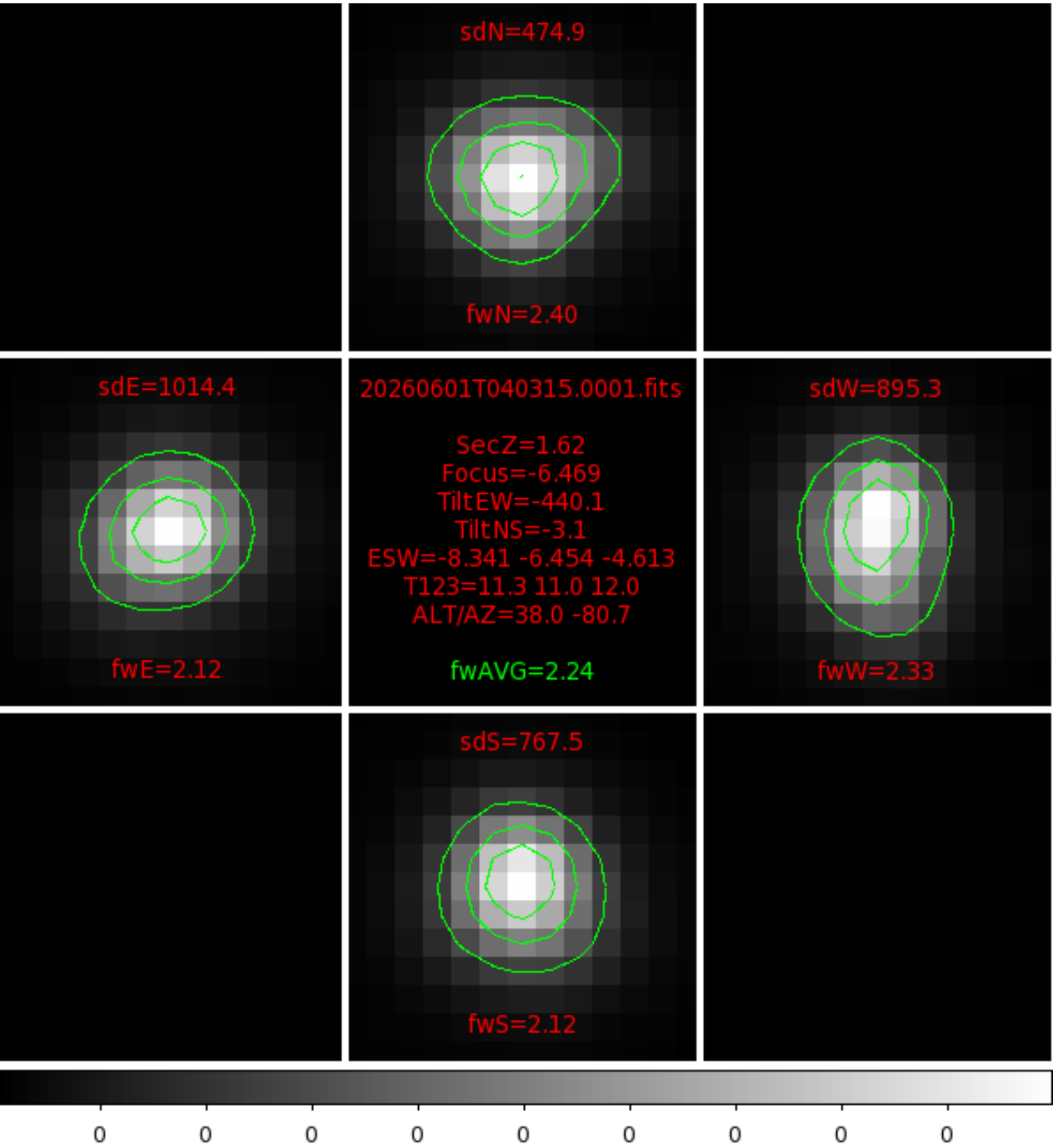
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T123=11.3 11.0 12.0
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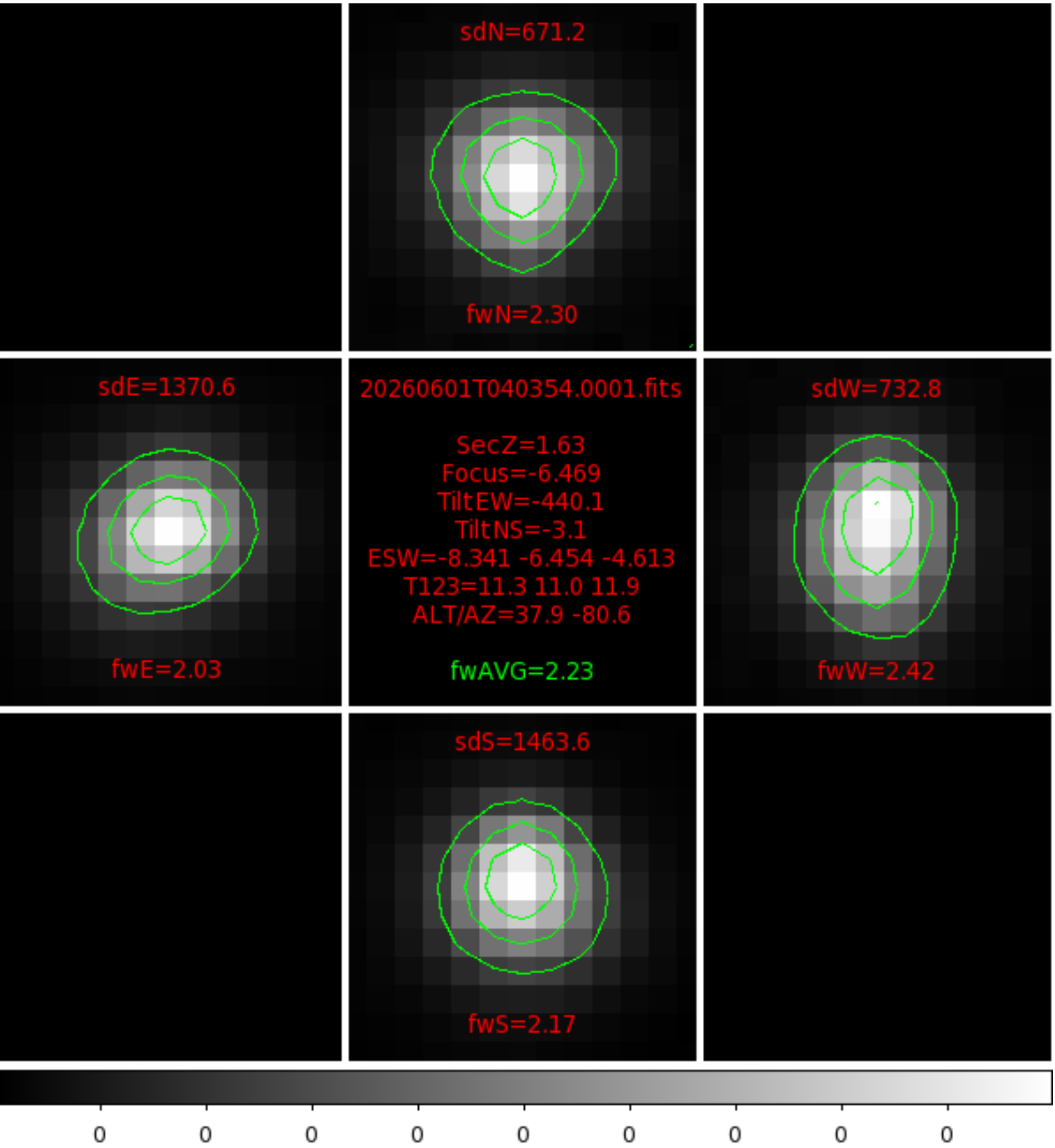
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 11.9
ALT/AZ=37.9 -80.6
fwAVG=2.23
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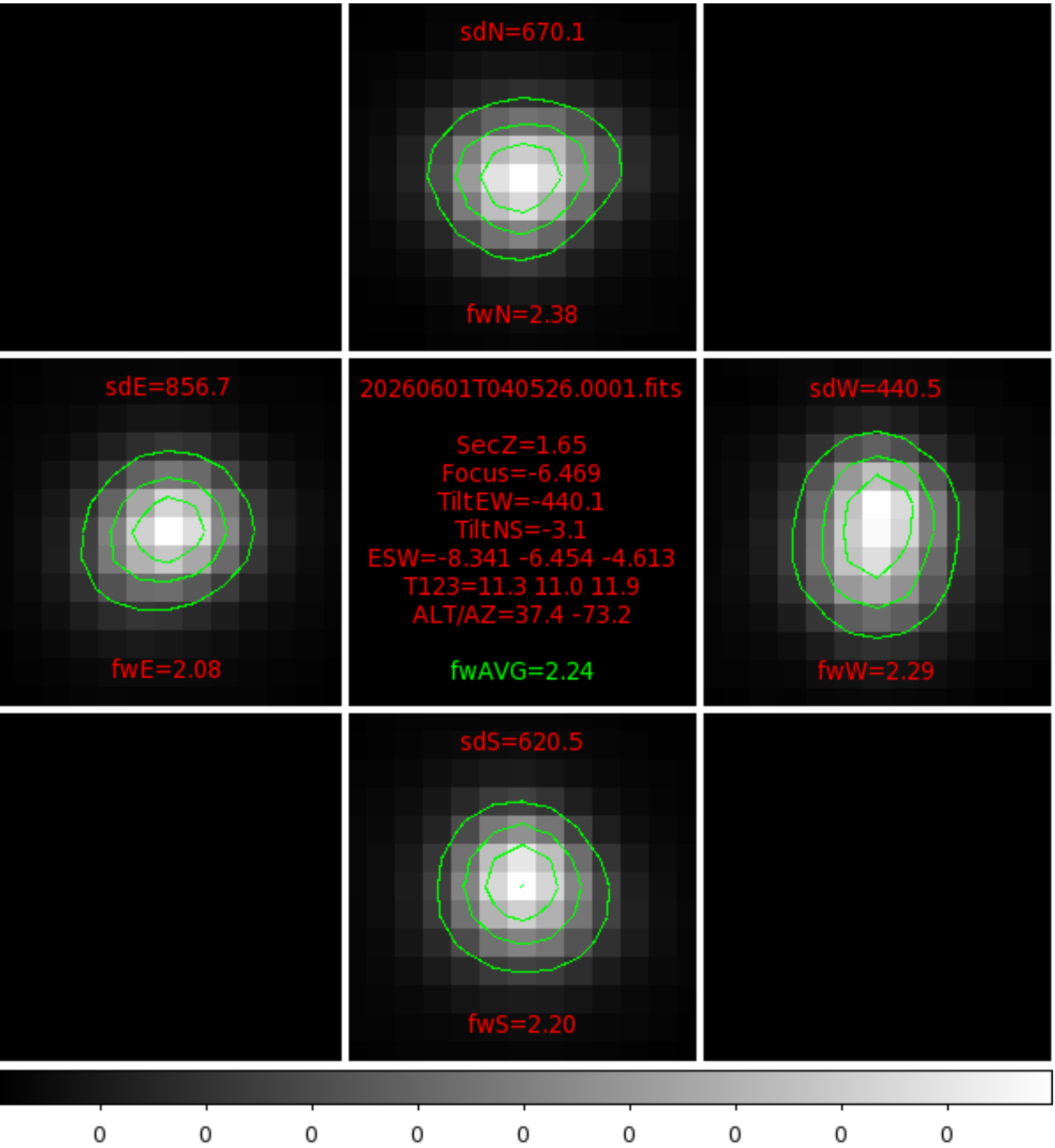
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 11.9
ALT/AZ=37.4 -73.2
fwAVG=2.24
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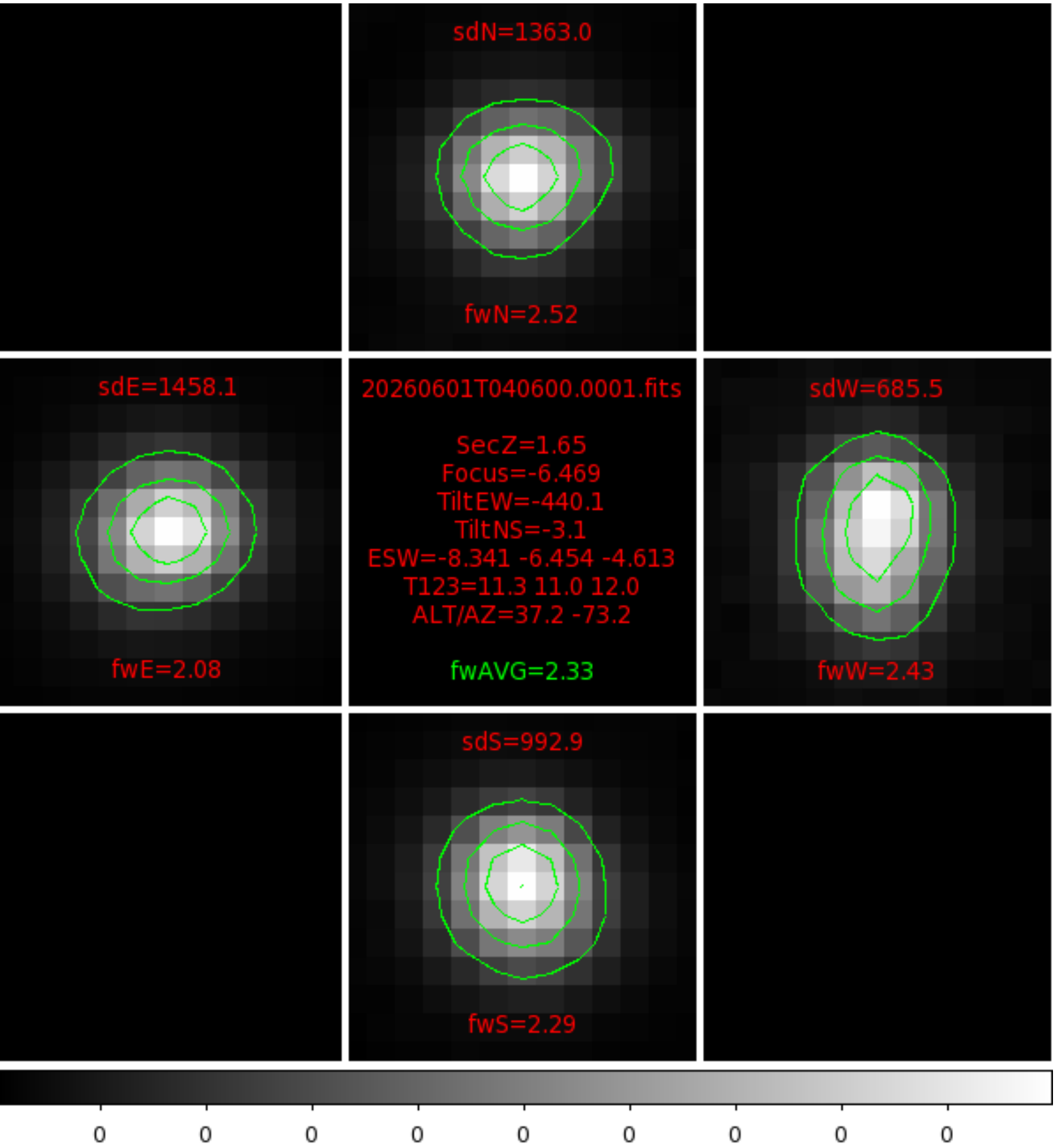
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SecZ=1.65
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 12.0
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fwAVG=2.33
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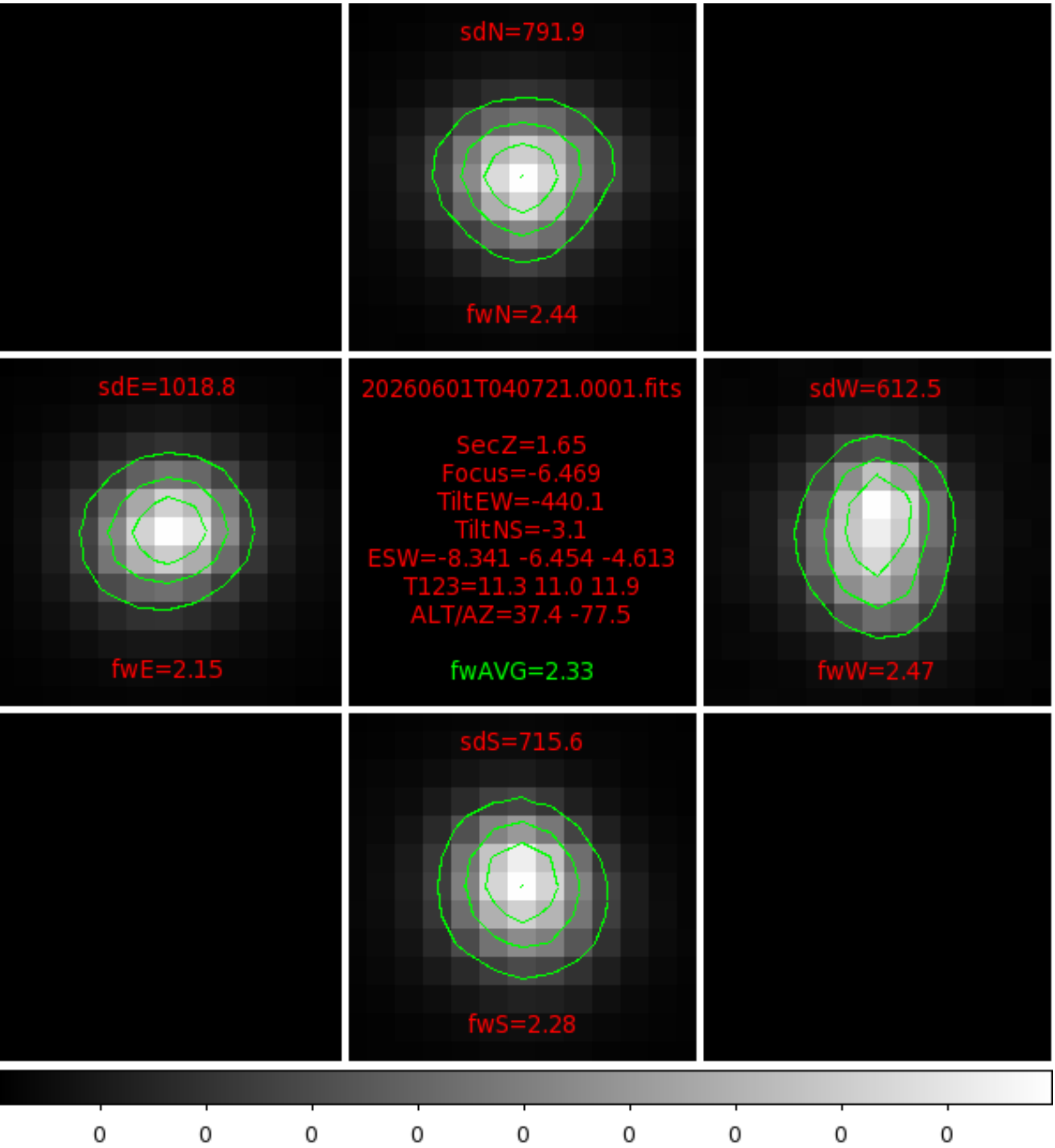
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T123=11.3 11.0 11.9
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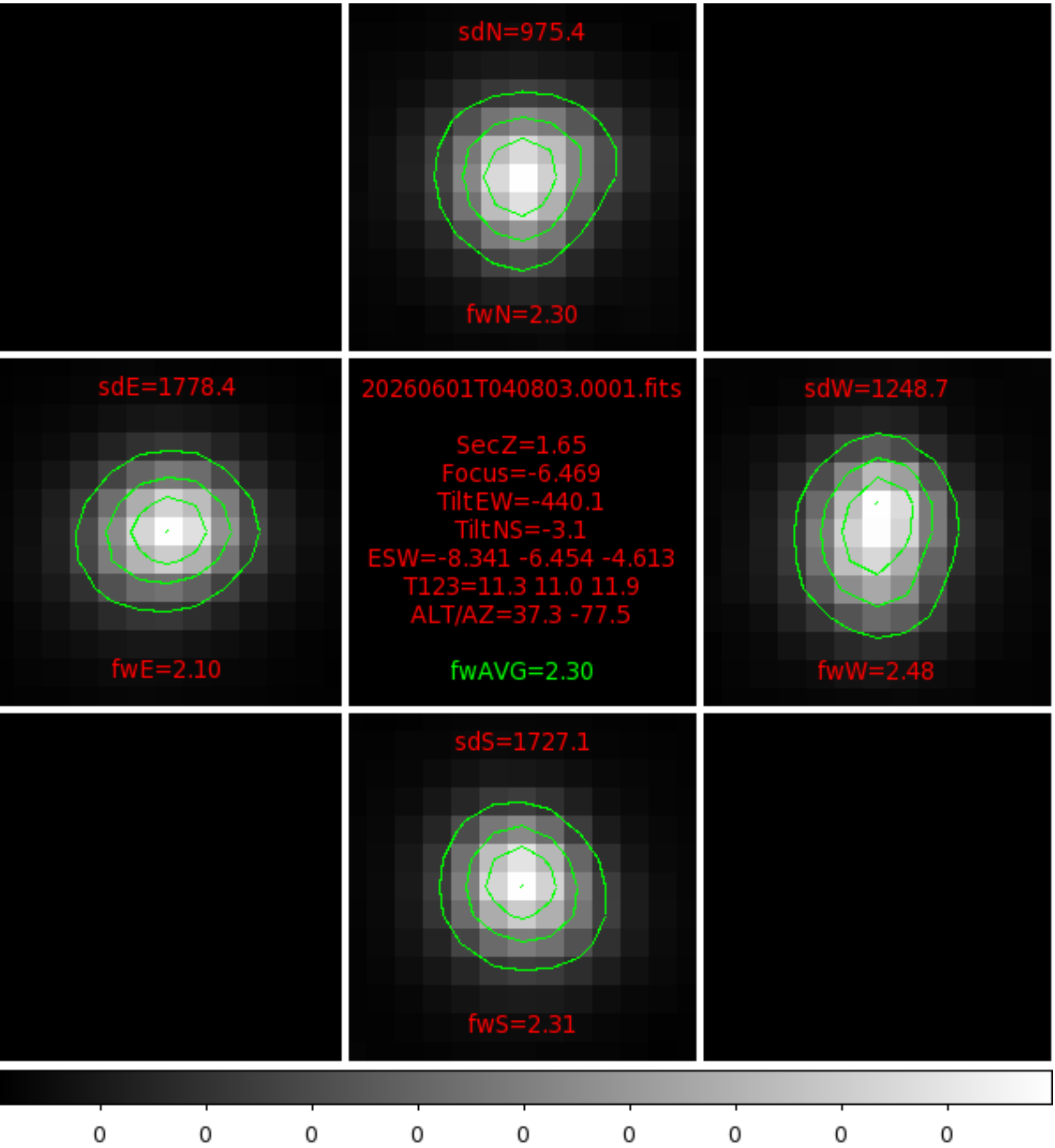
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 11.9
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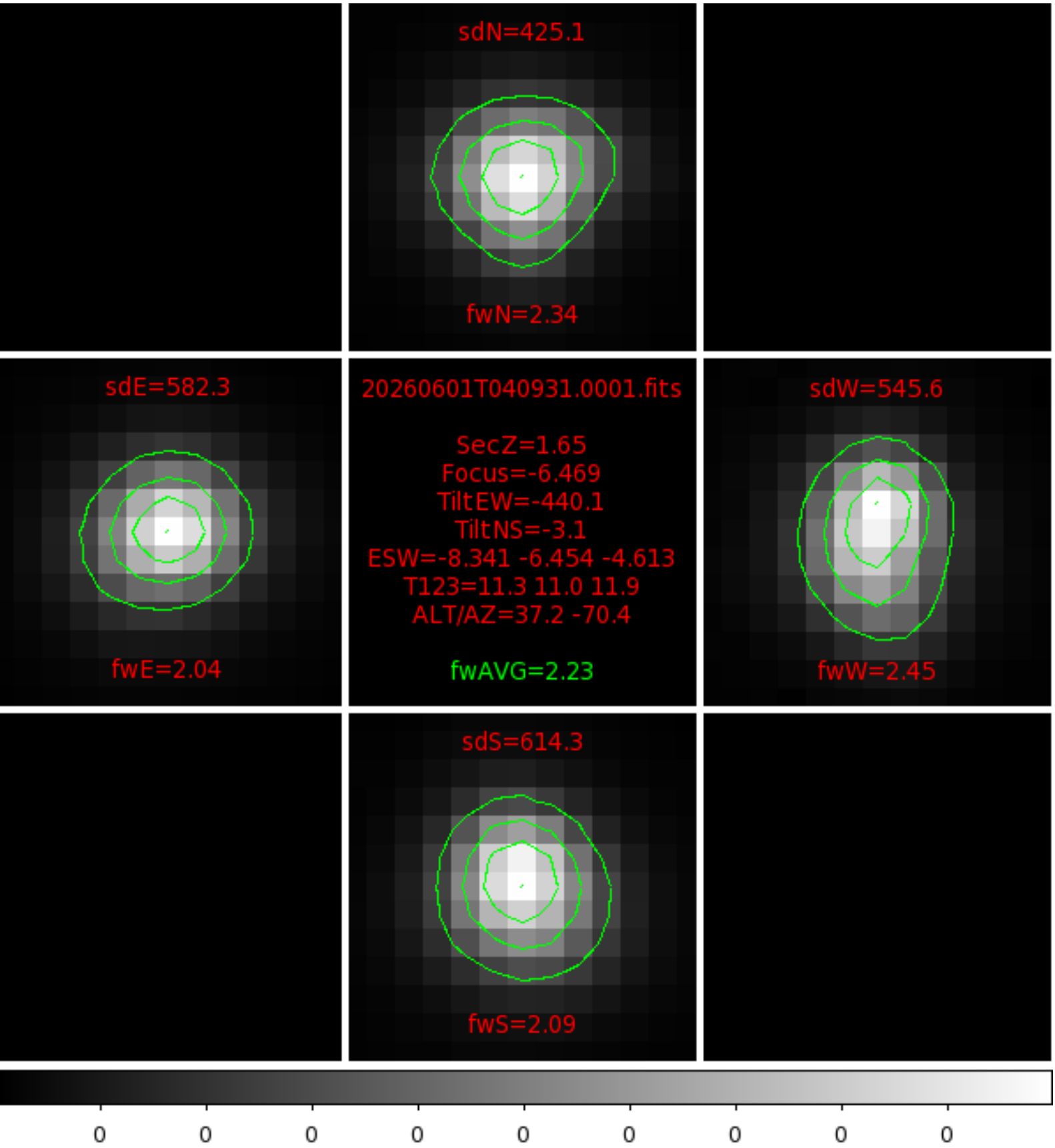
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 11.9
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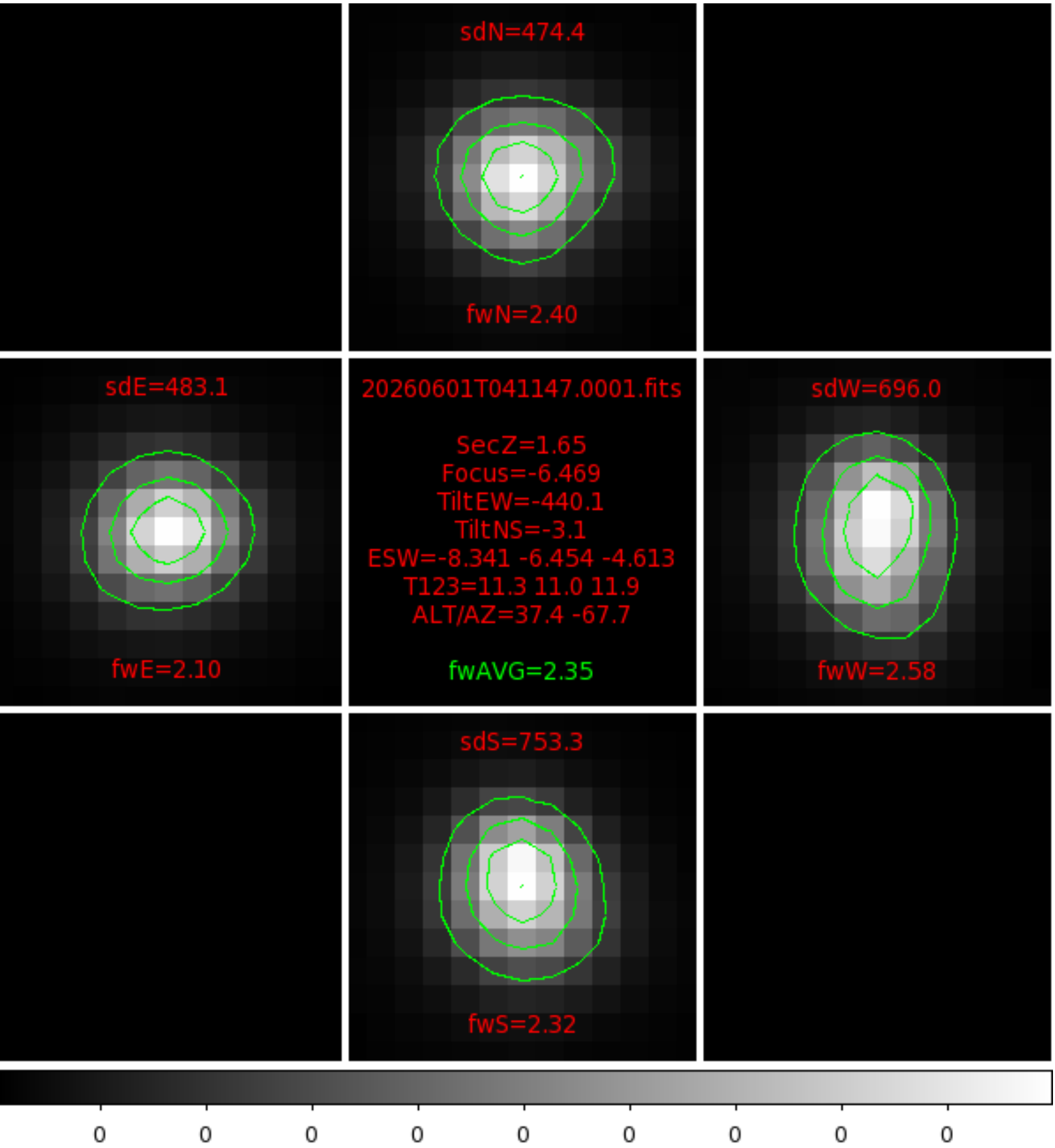
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 11.9
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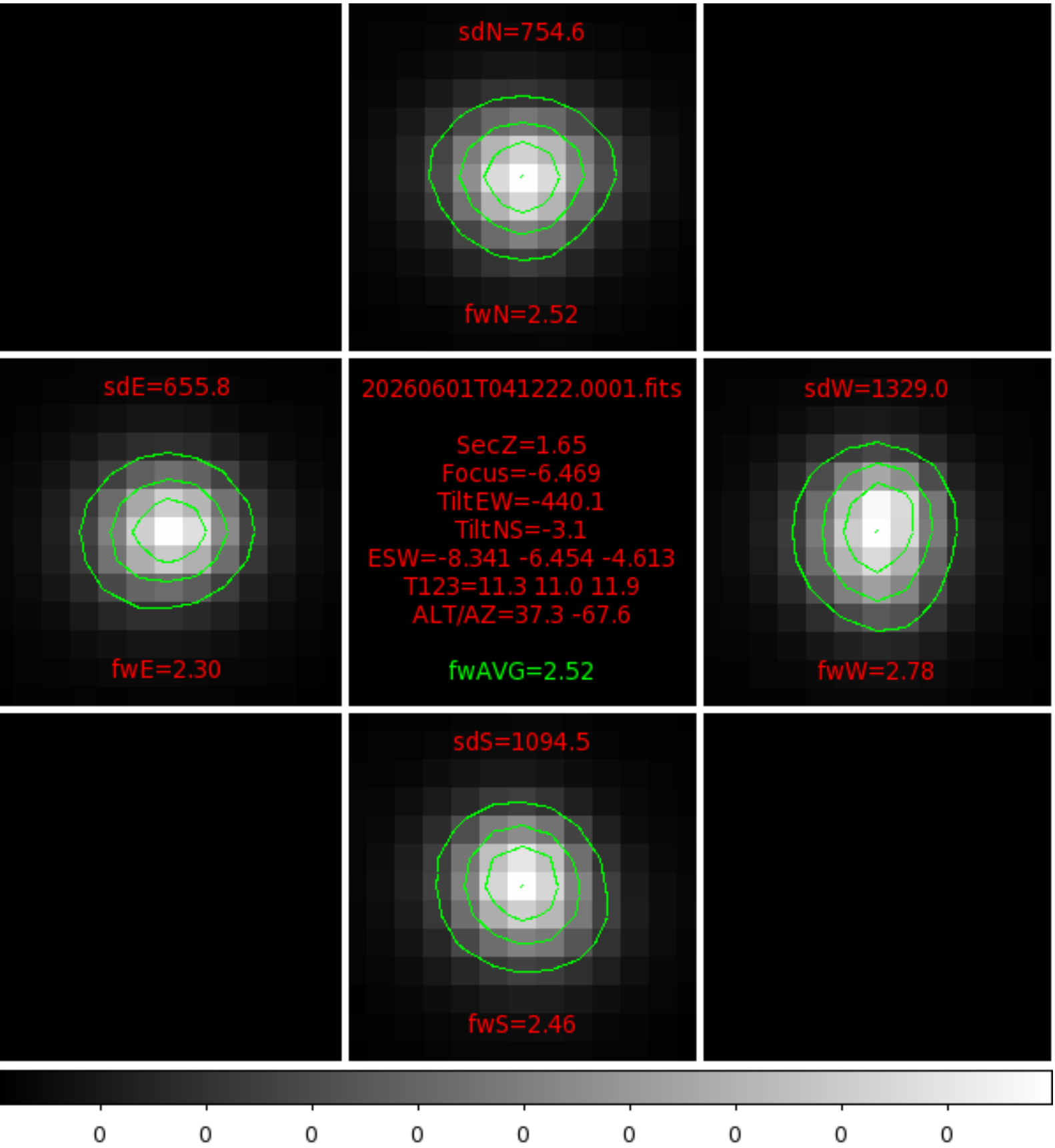
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 11.9
ALT/AZ=37.3 -67.6
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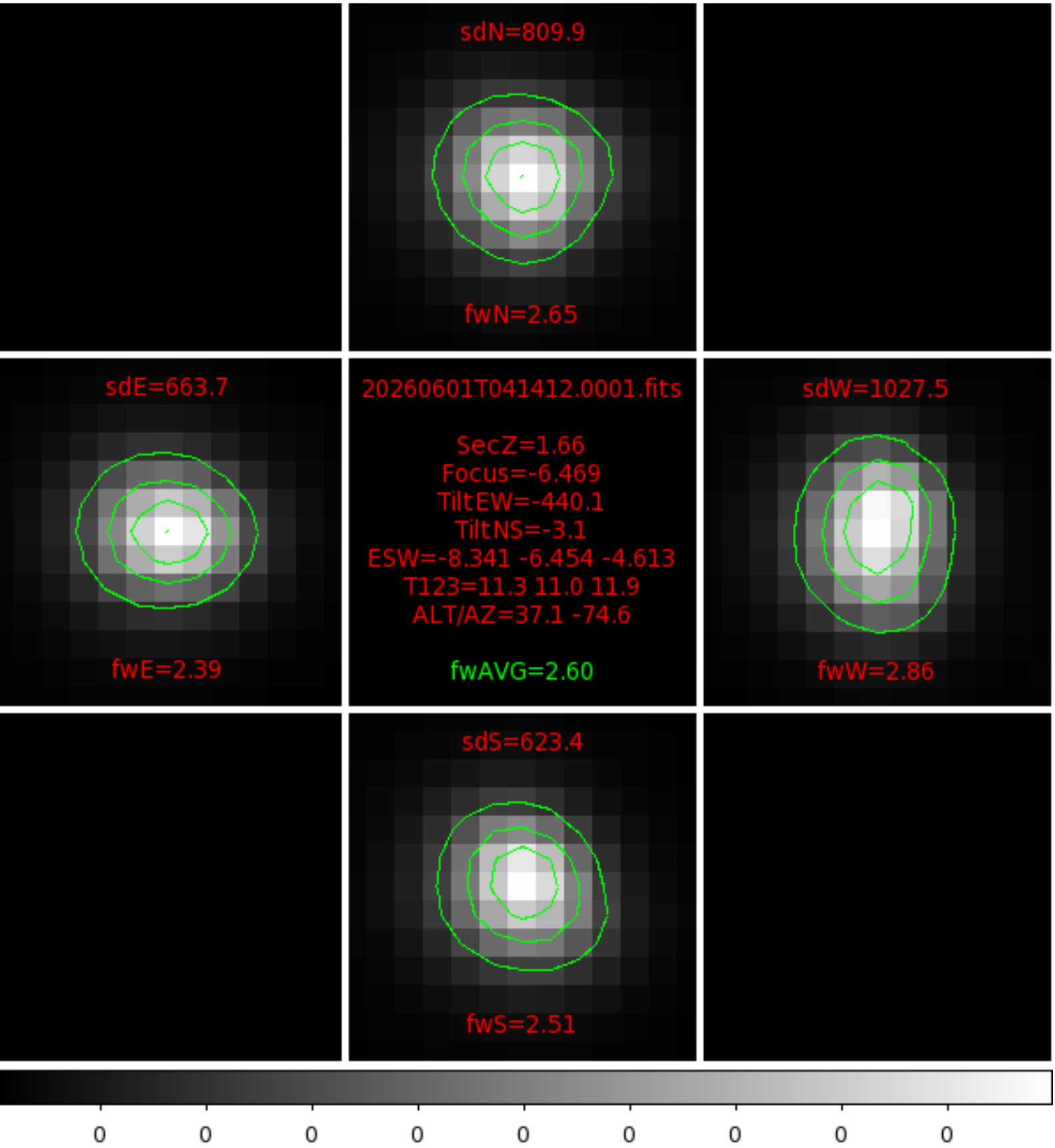
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ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 11.9
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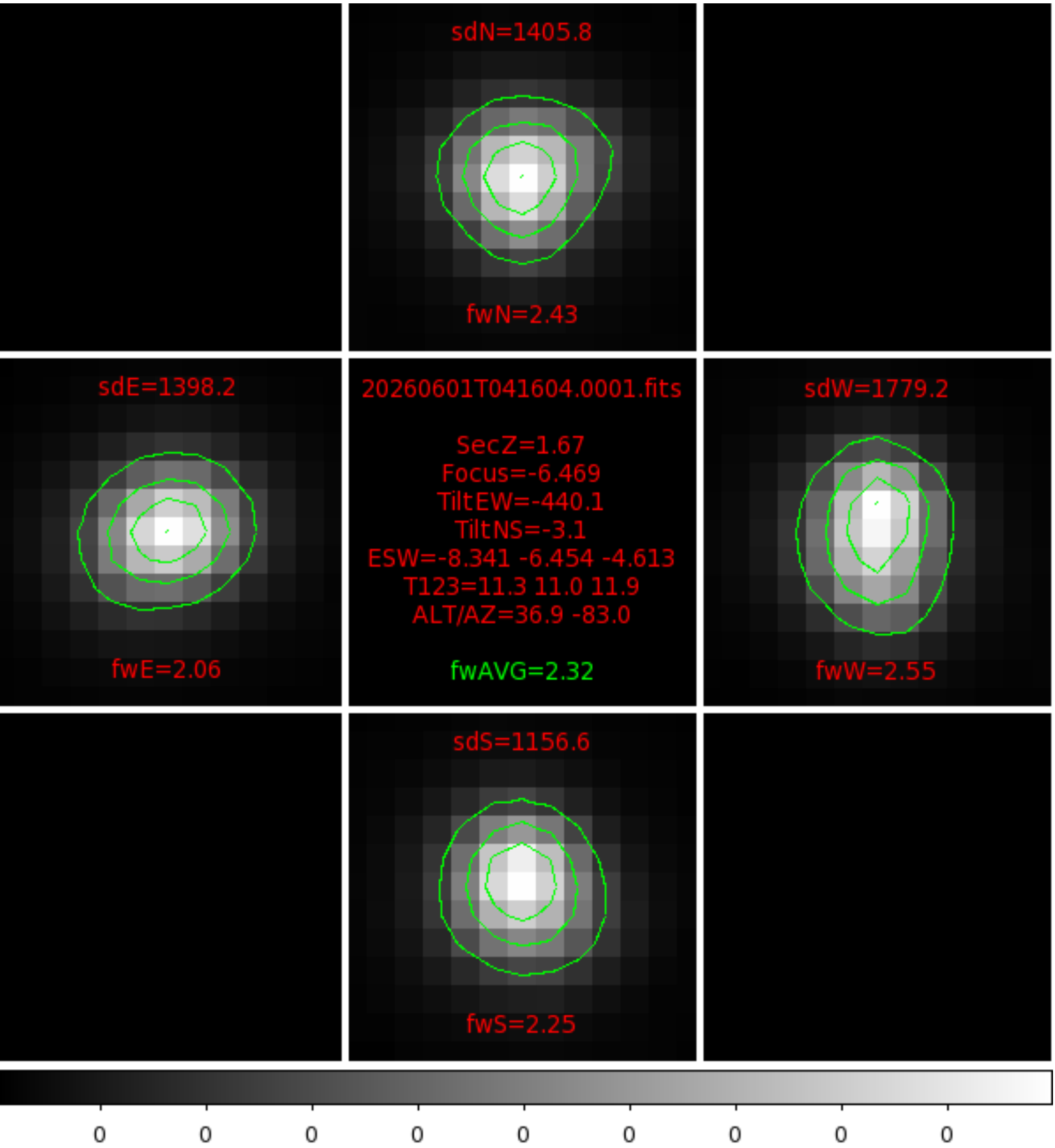
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T123=11.3 11.0 11.9
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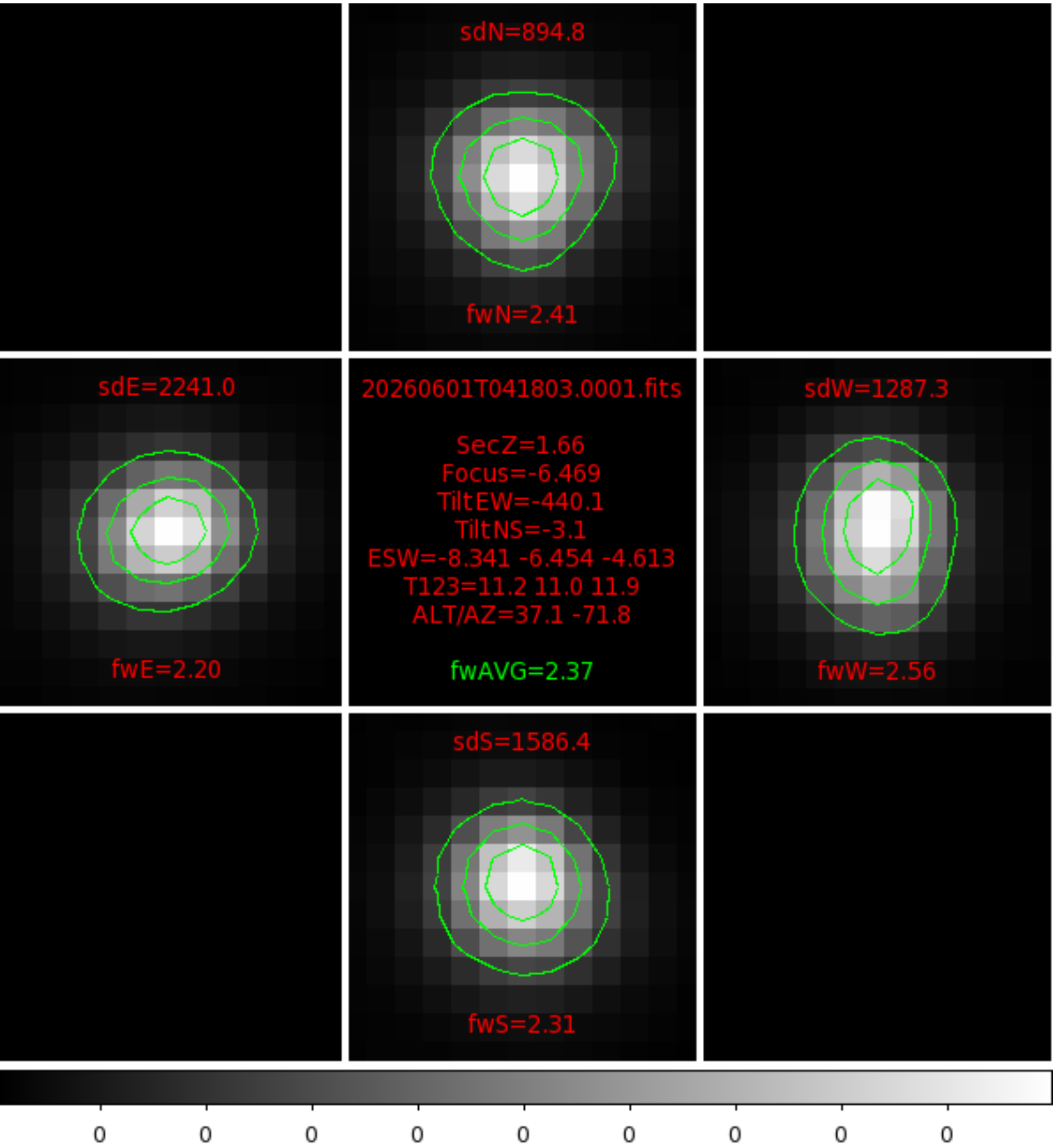
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T123=11.2 11.0 11.9
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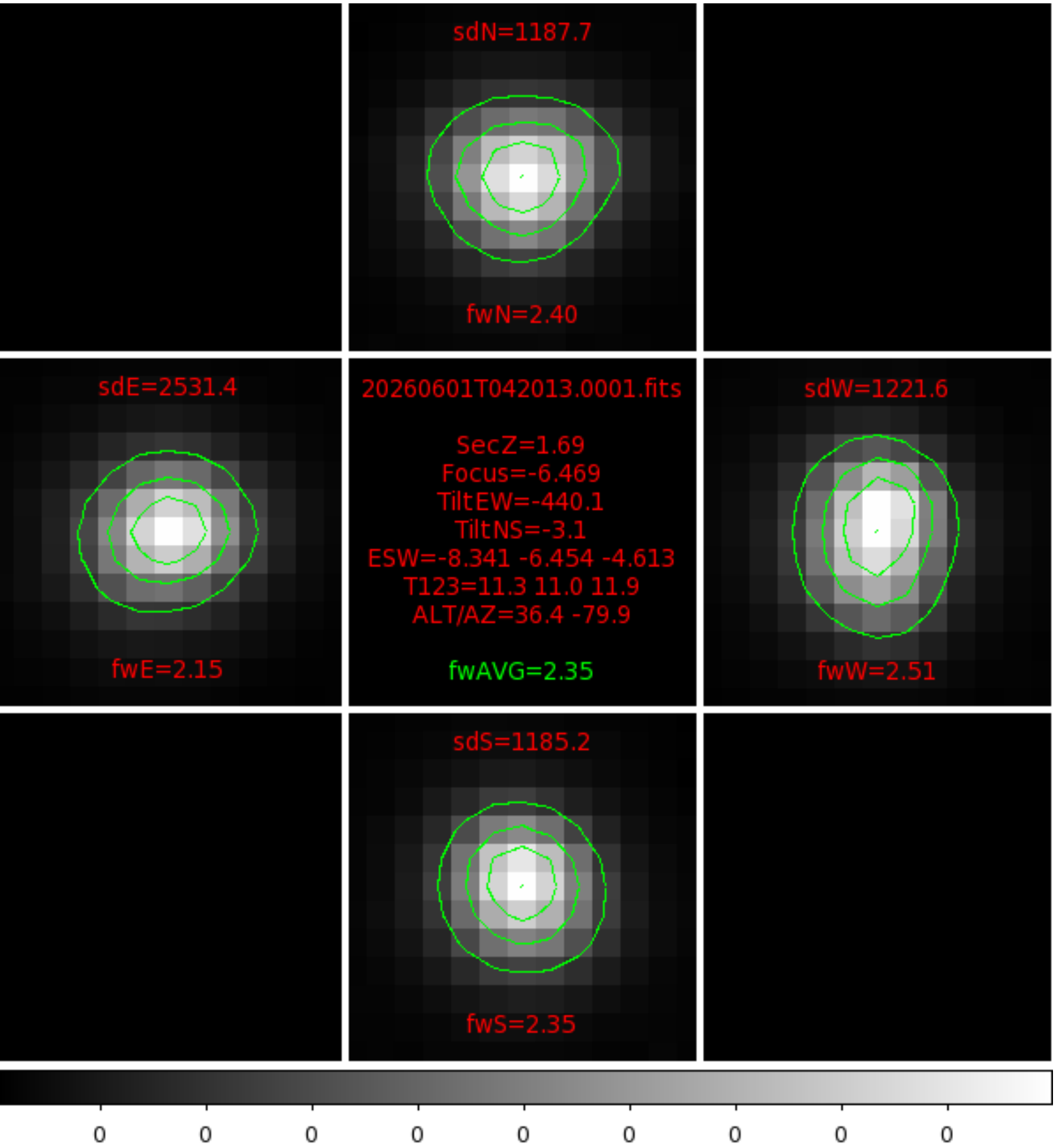
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.3 11.0 11.9
ALT/AZ=36.4 -79.9
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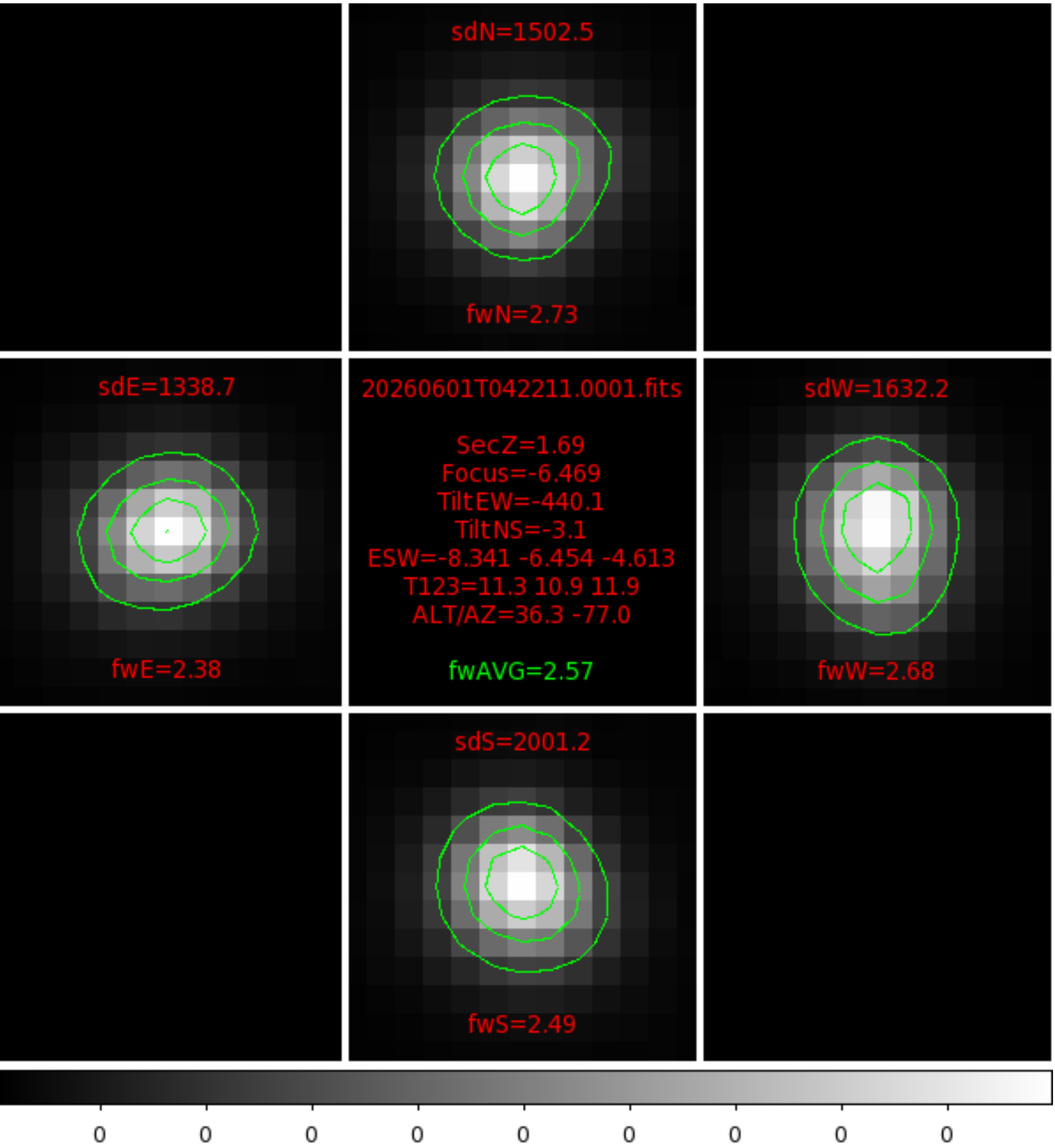
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TiltNS=-3.1
ESW=-8.341 -6.454 -4.613
T123=11.3 10.9 11.9
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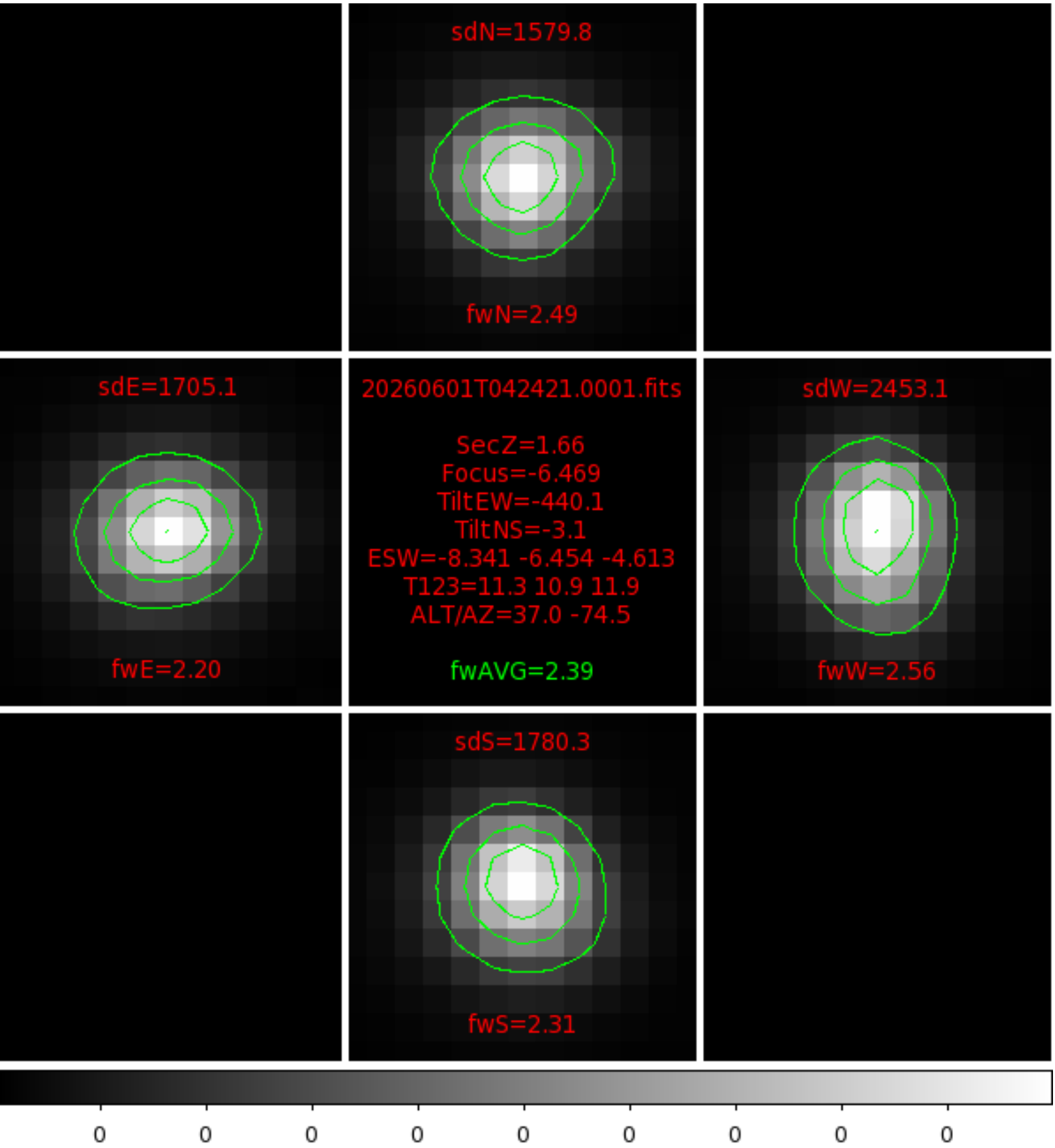
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ESW=-8.341 -6.454 -4.613
T123=11.3 10.9 11.9
ALT/AZ=37.0 -74.5
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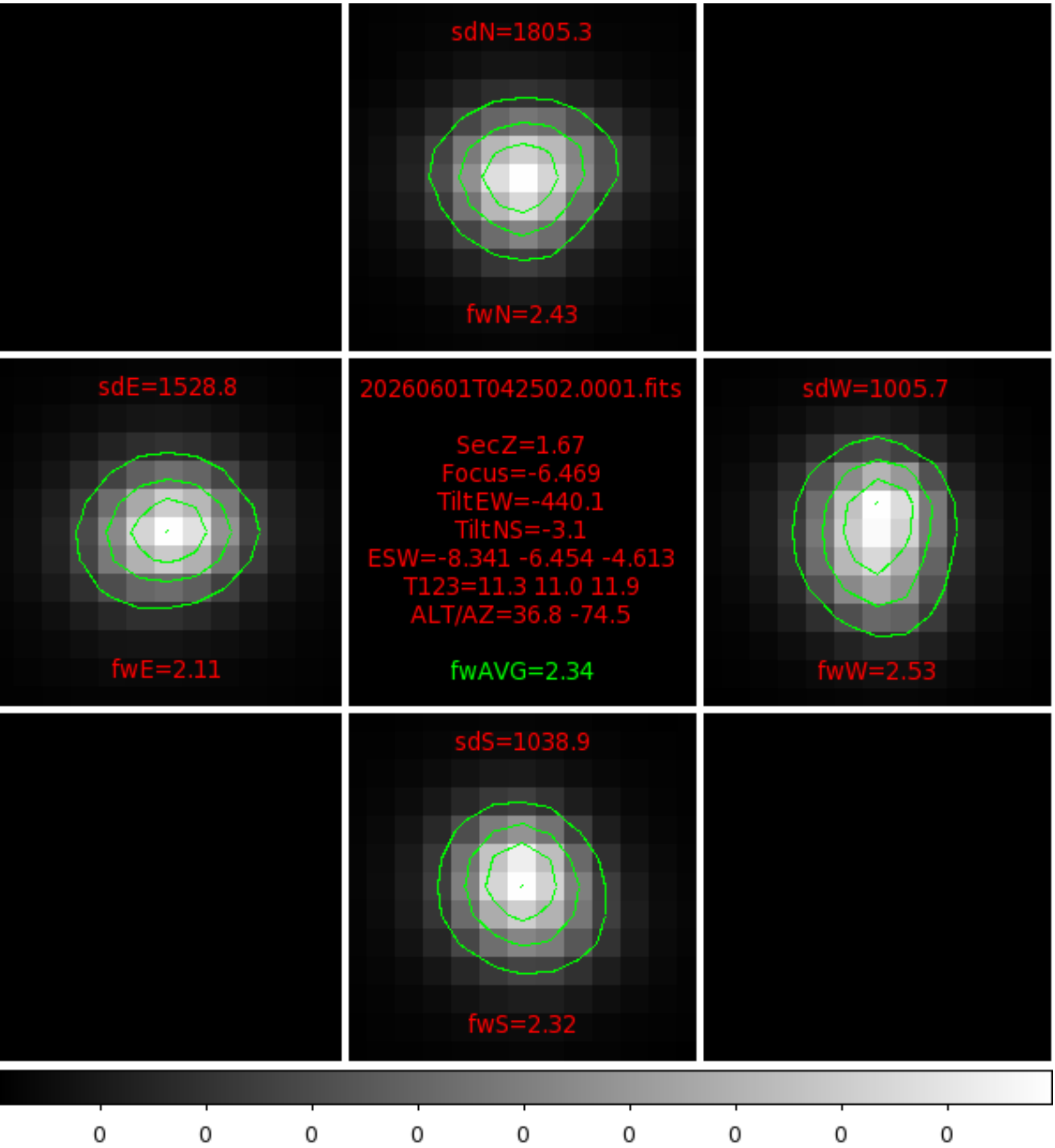
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T123=11.3 11.0 11.9
ALT/AZ=36.8 -74.5
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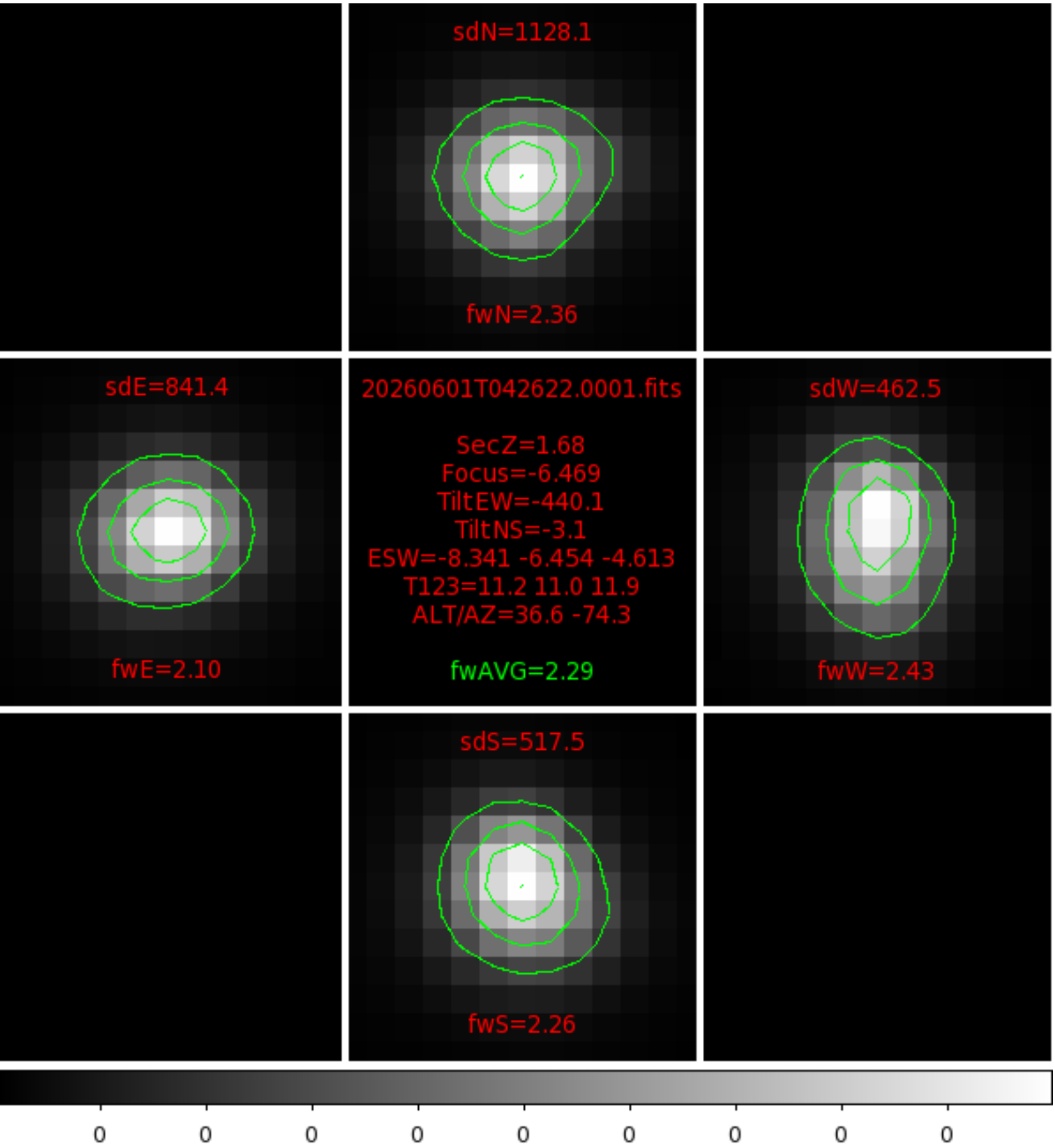
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ESW=-8.341 -6.454 -4.613
T123=11.2 11.0 11.9
ALT/AZ=36.6 -74.3
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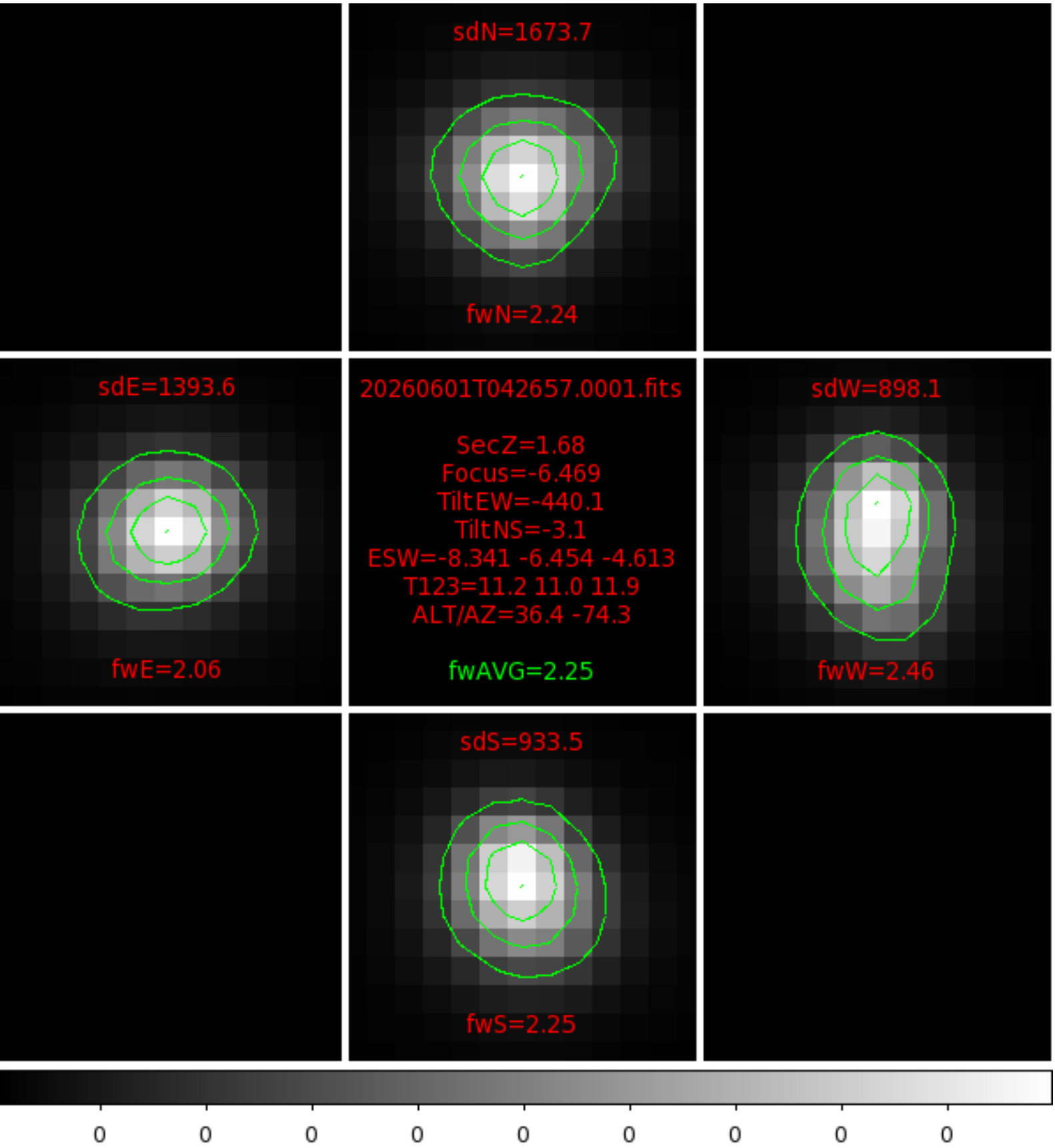
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T123=11.2 11.0 11.9
ALT/AZ=36.4 -74.3
fwAVG=2.25
sdW=898.1
fwW=2.46
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