

## Complete Region Heatmaps

Wavelengths: 171Å, 193Å, 211Å, 304Å

Solar Location: (-528,-132)x, (-100,100)y [arcseconds]

Time Range: 2012/09/23 UTC 00:00:00 - 06:00:00

Cadence: 12 seconds

Solar Dynamics Observatory  
Atmospheric Imaging Assembly

Derotate Based On: First Image

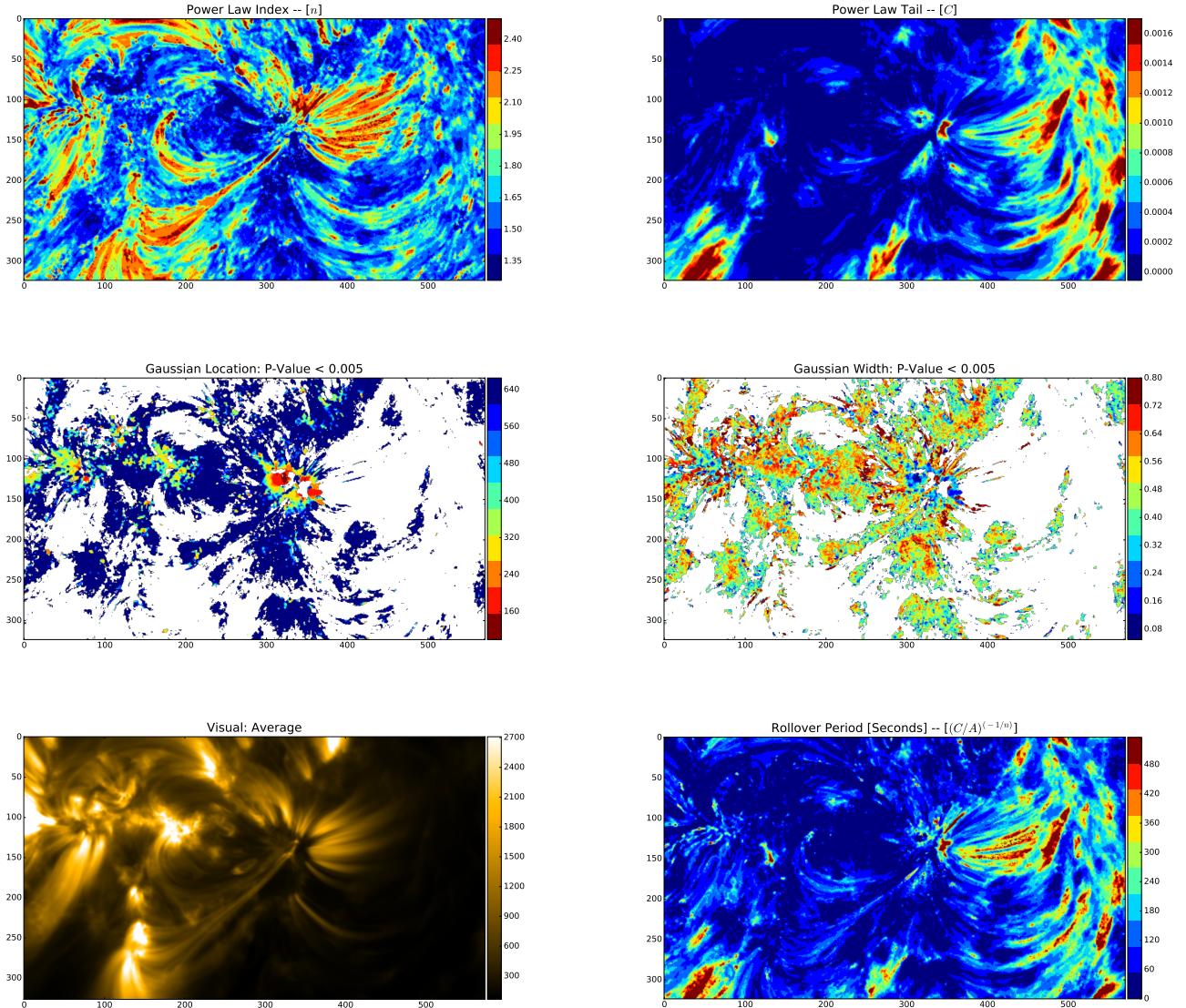
FFT Averaging: 2-Hour Segments

3x3 Pixel-Box Geometric Averaging

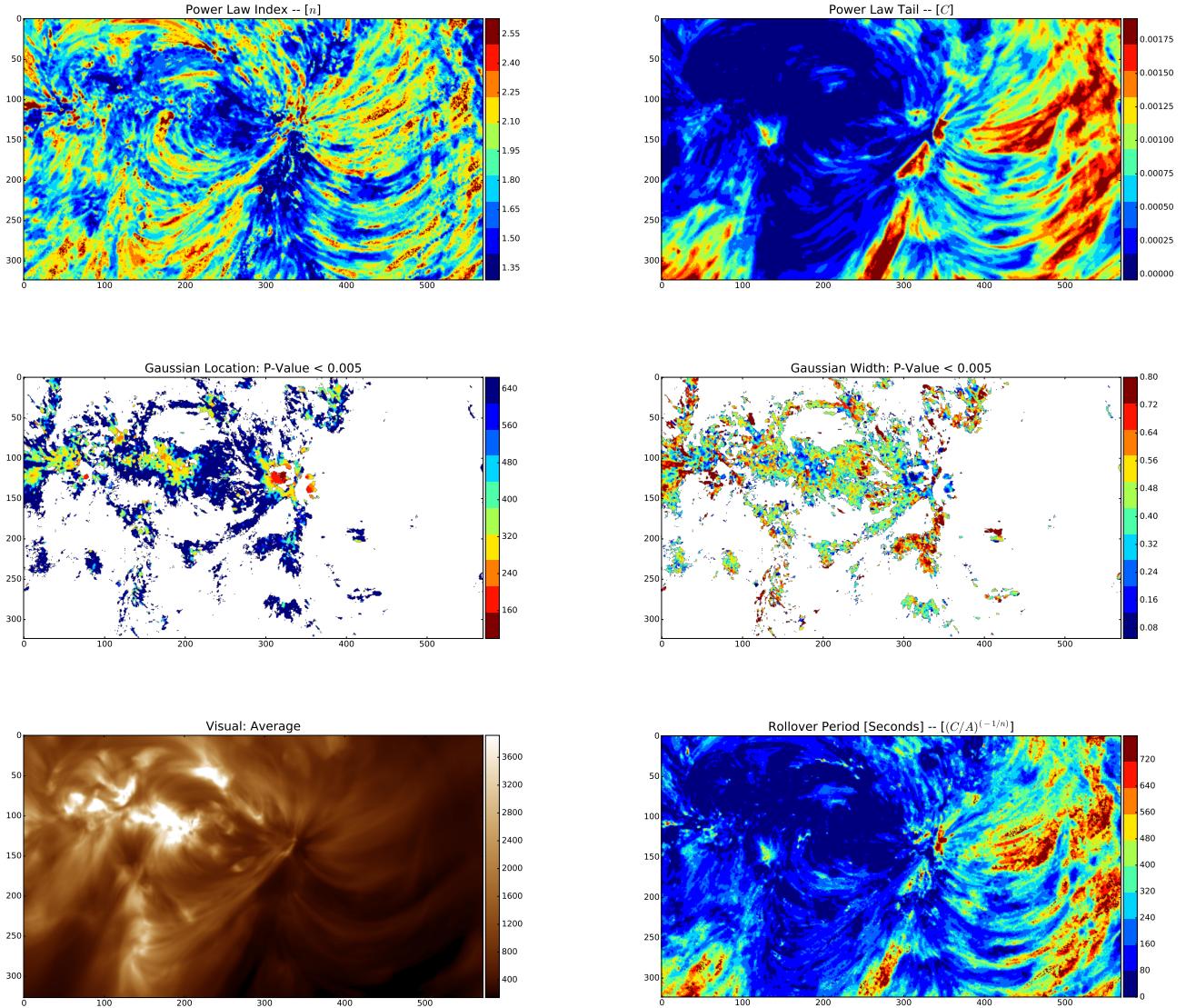
Curve-Fit Sigma: New (ds)

Curve-Fit Method: Dogbox

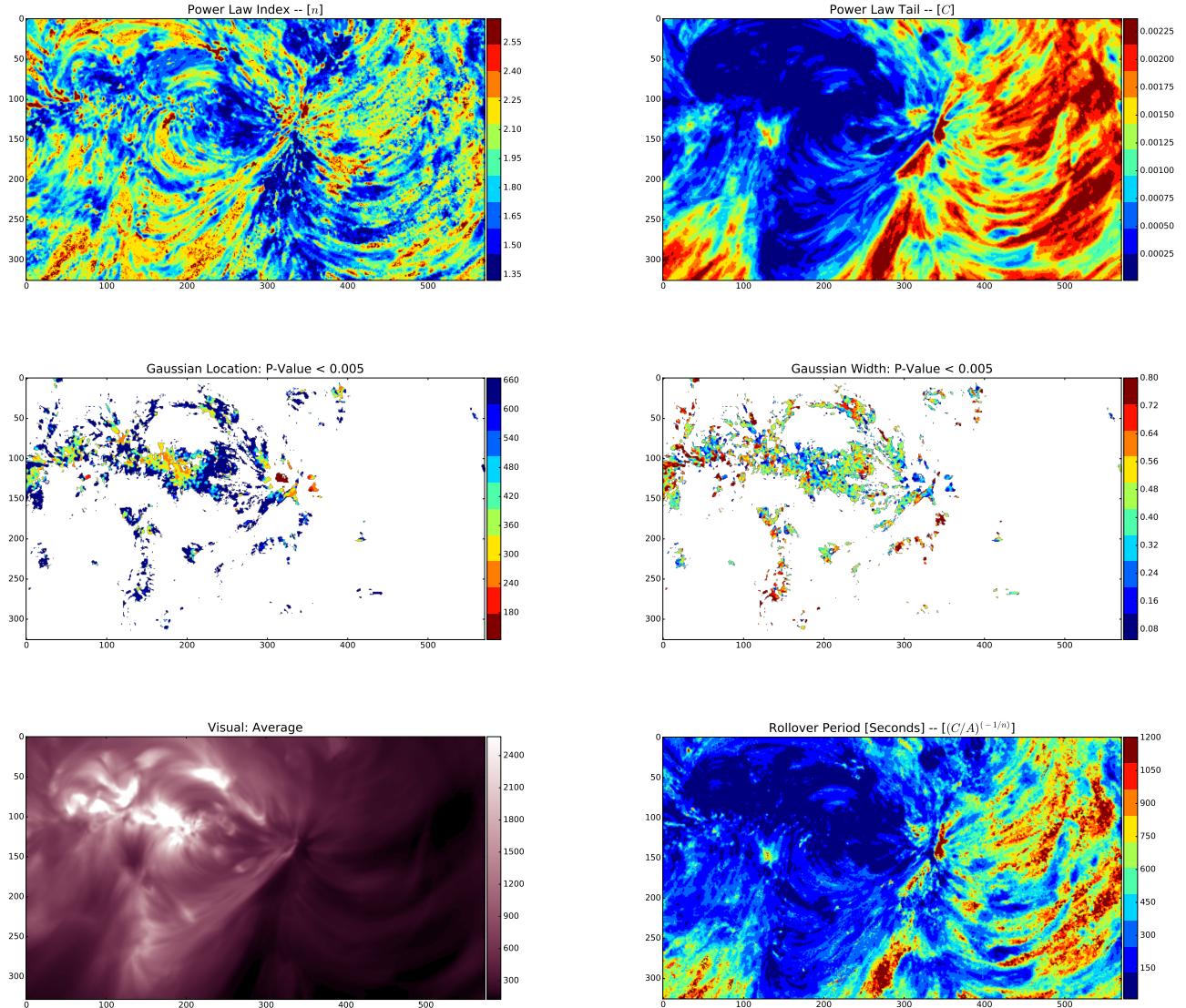
Parameter Bounds: [(-0.002,0.002), (0.3,4.0), (-0.01,0.01), (0.00001,0.2), (-6.5,-4.6), (0.05,0.8)]

**Figure 1.**

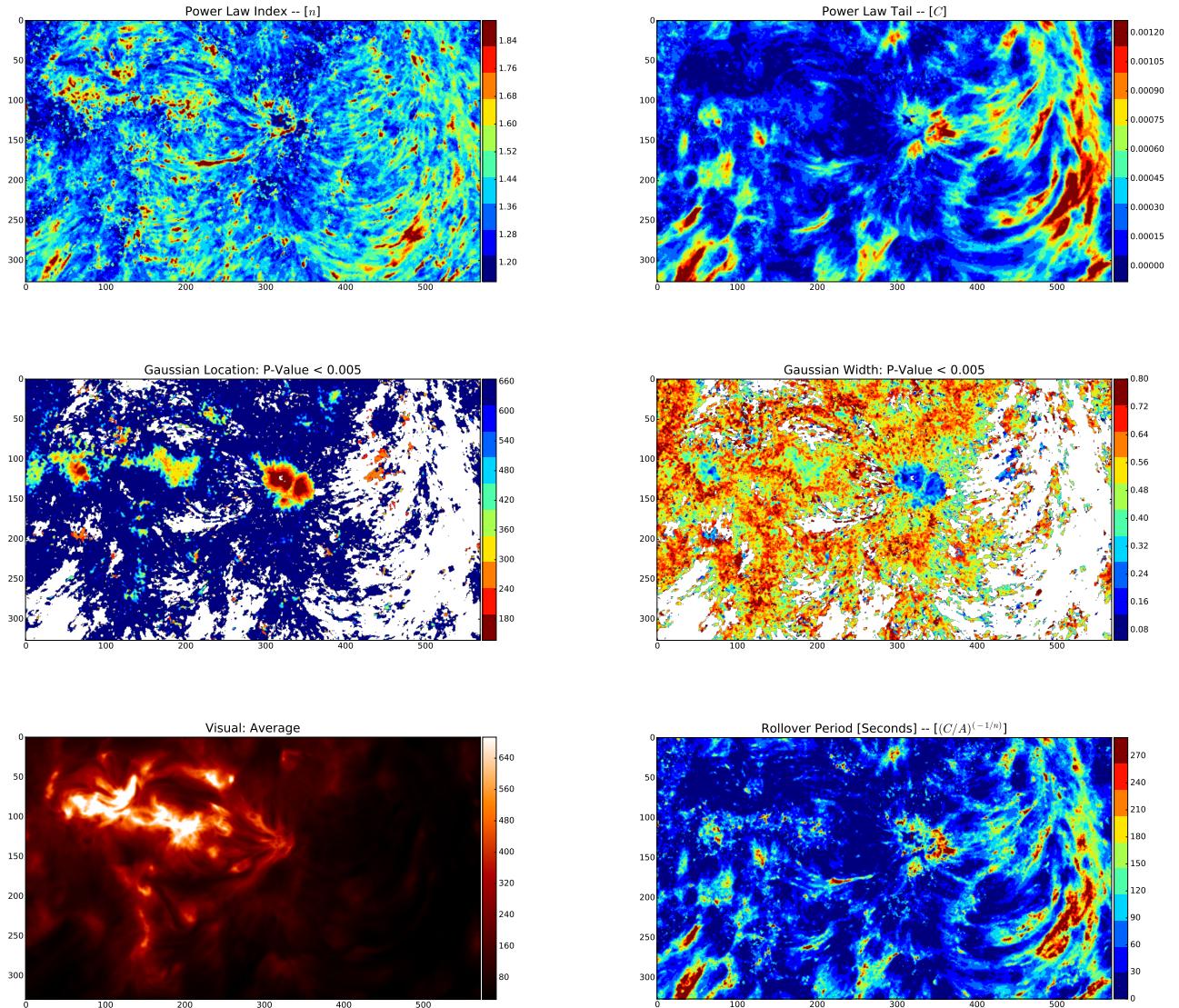
SDO AIA 2012/09/23 171Å Heatmaps  
 Vertical Axes = Y-Coordinate [pixels]  
 Horizontal Axes = X-Coordinate [pixels]  
 1 Pixel = 0.6 Arcseconds

**Figure 2.**

SDO AIA 2012/09/23 193Å Heatmaps  
 Vertical Axes = Y-Coordinate [pixels]  
 Horizontal Axes = X-Coordinate [pixels]  
 1 Pixel = 0.6 Arcseconds

**Figure 3.**

SDO AIA 2012/09/23 211Å Heatmaps  
 Vertical Axes = Y-Coordinate [pixels]  
 Horizontal Axes = X-Coordinate [pixels]  
 1 Pixel = 0.6 Arcseconds

**Figure 4.**

SDO AIA 2012/09/23 304Å Heatmaps  
 Vertical Axes = Y-Coordinate [pixels]  
 Horizontal Axes = X-Coordinate [pixels]  
 1 Pixel = 0.6 Arcseconds