Figure 1

A sample calibrated SMM C/P image of Jupiter, taken at 12:56 on 10 June 1989, with a 6.144 second exposure through the H−alpha filter (6543−6563 Angstroms). A colorbar is included above to illustrate the range of colors used. The green box perimeter defines the *inner* integration area, and the red box perimeter surrounds the *outer* integration area. The region between the green and red perimeters is the region from which the average background level is computed. This average background value is subtracted from each the *Jupiter* pixels (i.e., those in the inner box pixels whose brightness is greater than 5X the average background level).