

# **On the Imaging Characteristics of Yohkoh Soft X-Ray Telescope**

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The point spread function (PSF) of an optical system generally consists of two major components. One is the geometrical component due to aberration or defocusing, which does not have a wavelength dependence. Another is the component due to scattering on the mirror surface, which has a wavelength dependence. We have studied the PSF of the soft X-ray telescope (SXT) aboard Yohkoh satellite. In this paper, we combined several sources of information obtained from both pre-launch calibration and the in-flight data, and estimated the characteristics of the PSF of Yohkoh/SXT.