

Instruments of RT-2 experiment onboard CORONAS-PHOTON and their test and evaluation III: Coded Aperture Mask and Fresnel Zone Plates in RT-2/CZT payload

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Received: 16 December 2009 / Accepted: 20 April 2010 / Published online: 21 December 2010
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Abstract Imaging in hard X-rays of any astrophysical source with high angular resolution is a challenging job. Shadow-casting technique is one of the most viable options for imaging in hard X-rays. We have used two different types of shadow-casters, namely, Coded Aperture Mask (CAM) and Fresnel Zone Plate (FZP) pair and two types of pixellated solid-state detectors, namely,

This work was made possible in part from a grant from Indian Space Research Organization (ISRO). Upendra Desai initiated the Zone Plate work and his contribution in the form of suggestions and discussions has proved quite valuable for this work. The whole-hearted support from G. Madhavan Nair, Ex-Chairman, ISRO, who initiated the RT-2 project, is gratefully acknowledged.

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