

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2407 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 4 2012

See axaff02407N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.735

Comments

The CCD bias map included a ghost image of Jupiter. In order to remove this artifact, a square containing the ghost image was removed from the bias map and replaced with the value 4096. The bias map was then reconstructed using scaled data from the comparable bias map from obs2398 to fill in the gap. The replaced data were bounded by the sky coords:

(61.68407,19.99721) , (61.67871,20.01874) , (61.65622,20.01379) , (61.66159,19.99226)

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Jupiter is very faint in this observation: many events associated with the primary source are grade seven and therefore removed from the L2 image.

seq_num	190004	Sequence number
obs_id	2407	Observation id
title	ACIS OBSERVATIONS OF JUPITER	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	JUPITER	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	61.686419	Observer's specified target RA [deg]
dec_targ	19.985128	Observer's specified target Dec [deg]
ra_nom	61.686766705682	Nominal RA [deg]
dec_nom	19.985948484155	Nominal Dec [deg]
roll_nom	283.14141720655	Nominal Roll [deg]
revision	3	Processing version of data
ontime	732.0	Sum of GTIs [s]
liveltime	722.12137952806	Livetime [s]
ontime7	732.0	Sum of GTIs [s]
l2events	2183	Number of level 2 events

