

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 7473 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : May 1 2012

See axaff07473N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.1759999

Comments

A spatial region of the original bias map for CCD = 0 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 0 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords:

(69.90029,50.44524), (69.90425,50.44151), (69.98789,50.47764), (69.98394,50.48137)

seq_num	400583	Sequence number
obs_id	7473	Observation id
title	A Pilot Study of X-ray Emission from Candidate Massive Star Clusters	
observer	Professor Gordon Garmire	Principal investigator
object	BDSB2003+67	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	70.1625	Observer's specified target RA [deg]
dec_targ	50.460833	Observer's specified target Dec [deg]
ra_nom	70.155293488187	Nominal RA [deg]
dec_nom	50.459787159188	Nominal Dec [deg]
roll_nom	213.99946621866	Nominal Roll [deg]
revision	4	Processing version of data
ontime	10175.999962151	Sum of GTIs [s]
livetime	10047.145323379	Livetime [s]
ontime0	10175.999962151	Sum of GTIs [s]
ontime1	10175.999962151	Sum of GTIs [s]
ontime2	10175.999962151	Sum of GTIs [s]
ontime3	10175.999962151	Sum of GTIs [s]
ontime6	10175.999962151	Sum of GTIs [s]
ontime7	10175.999962151	Sum of GTIs [s]
l2events	91678	Number of level 2 events

