

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 12251 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 2 2012

See axaff12251N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.044359197676

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:
(1.55986,10.97571), (1.55786,10.97424), (1.59548,10.92509), (1.59748,10.92656)

seq_num	800971	Sequence number
obs_id	12251	Observation id
title	Extending X-ray and Sunyaev-Zel'dovich effect calibrations to low mass galaxy clusters	Proposal title
observer	Dr Ben Maughan	Principal investigator
object	Z15	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	1.572083	Observer's specified target RA [deg]
dec_targ	10.868	Observer's specified target Dec [deg]
ra_nom	1.5532303752817	Nominal RA [deg]
dec_nom	10.888759469323	Nominal Dec [deg]
roll_nom	126.93020609849	Nominal Roll [deg]
revision	3	Processing version of data
ontime	27044.359197676	Sum of GTIs [s]
livetime	26691.004734991	Livetime [s]
ontime0	27047.50020802	Sum of GTIs [s]
ontime1	27047.50020802	Sum of GTIs [s]
ontime2	27047.50020802	Sum of GTIs [s]
ontime3	27044.359197676	Sum of GTIs [s]
ontime6	27044.359187782	Sum of GTIs [s]
l2events	106456	Number of level 2 events

