

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 4101 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 27 2012

See axaff04101N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.734

Comments

A spatial region of the original bias map for CCD = 2 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 = 2 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:
(178.05410,0.70245), (178.04826,0.70509), (178.02669,0.65768), (178.03123,0.65219)

seq_num	700780	Sequence number
obs_id	4101	Observation id
title	X-RAY CONSTRAINTS ON THE STRUCTURE OF THE BROAD EMISSION LINE REGION IN QUASARS	Proposal title
observer	Dr. Gordon Richards	Principal investigator
object	SDSS J115115.38+003826.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	177.814167	Observer's specified target RA [deg]
dec_targ	0.640806	Observer's specified target Dec [deg]
ra_nom	177.81957567673	Nominal RA [deg]
dec_nom	0.64877251680326	Nominal Dec [deg]
roll_nom	65.534684470442	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3733.8384528756	Sum of GTIs [s]
livetime	3686.5583421377	Livetime [s]
ontime2	3733.8794928789	Sum of GTIs [s]
ontime3	3733.7153527439	Sum of GTIs [s]
ontime5	3733.7974128723	Sum of GTIs [s]
ontime6	3733.7563927472	Sum of GTIs [s]
ontime7	3733.8384528756	Sum of GTIs [s]
ontime8	3730.4332329333	Sum of GTIs [s]
l2events	37743	Number of level 2 events

