

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 11830 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 3 2012

See axaff11830N003_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	60.037700461745

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:
(351.64957,26.75139), (351.64952,26.74799), (351.73501,26.74689), (351.73505,26.75030)

seq_num	501347	Sequence number
obs_id	11830	Observation id
title	Search for Long GRB Jet Breaks	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	GRB 100816A	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	351.7402	Observer's specified target RA [deg]
dec_targ	26.579	Observer's specified target Dec [deg]
ra_nom	351.73555015522	Nominal RA [deg]
dec_nom	26.576513485827	Nominal Dec [deg]
roll_nom	179.16333374583	Nominal Roll [deg]
revision	3	Processing version of data
ontime	60037.700461745	Sum of GTIs [s]
livetime	59253.2637061	Livetime [s]
ontime2	60025.136380613	Sum of GTIs [s]
ontime3	60034.559431493	Sum of GTIs [s]
ontime5	60037.700461745	Sum of GTIs [s]
ontime6	60034.559441388	Sum of GTIs [s]
ontime7	60037.700461745	Sum of GTIs [s]
l2events	676590	Number of level 2 events

