

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 10949 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 21 2012

See axaff10949N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.750358926415

Comments

Roll preference met.

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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:
(308.45120,41.69976), (308.45029,41.70269), (308.41719,41.69702), (308.41809,41.69410)

seq_num	200581	Sequence number
obs_id	10949	Observation id
title	The Chandra Cygnus OB2 Survey	Proposal title
observer	Dr. Jeremy Drake	Principal investigator
object	Cygnus OB2	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	308.415121	Observer's specified target RA [deg]
dec_targ	41.586303	Observer's specified target Dec [deg]
ra_nom	308.42444456768	Nominal RA [deg]
dec_nom	41.590360945302	Nominal Dec [deg]
roll_nom	12.902492927841	Nominal Roll [deg]
revision	3	Processing version of data
ontime	27750.358926415	Sum of GTIs [s]
livetime	27398.967172429	Livetime [s]
ontime0	27737.395015359	Sum of GTIs [s]
ontime1	27747.117906272	Sum of GTIs [s]
ontime2	27750.359025955	Sum of GTIs [s]
ontime3	27750.358926415	Sum of GTIs [s]
ontime6	27750.358926415	Sum of GTIs [s]
ontime7	27753.599896669	Sum of GTIs [s]
l2events	204458	Number of level 2 events

