

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 11250 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 29 2012

See axaff11250N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	64.60715695703

Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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:
(265.23522,10.11832), (265.23563,10.12390), (265.09434,10.13428), (265.09394,10.12870)

seq_num	501335	Sequence number
obs_id	11250	Observation id
title	The long tail of PSR J1740+1000	Proposal title
observer	Dr Oleg Kargaltsev	Principal investigator
object	PSR J1740+1000	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	265.10125	Observer's specified target RA [deg]
dec_targ	9.989556	Observer's specified target Dec [deg]
ra_nom	265.08313595716	Nominal RA [deg]
dec_nom	9.9885067195879	Nominal Dec [deg]
roll_nom	175.73635281557	Nominal Roll [deg]
revision	3	Processing version of data
ontime	64607.156960845	Sum of GTIs [s]
livetime	63789.062237647	Livetime [s]
ontime0	64616.756891787	Sum of GTIs [s]
ontime1	64613.556891501	Sum of GTIs [s]
ontime2	64616.838971794	Sum of GTIs [s]
ontime3	64607.156960845	Sum of GTIs [s]
ontime6	64607.239039838	Sum of GTIs [s]
ontime7	64616.9210518	Sum of GTIs [s]
l2events	447841	Number of level 2 events

