

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 12075 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 2 2012

See axaff12075N003_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	42.319999842405

Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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:
(128.59270, -45.08407), (128.59804, -45.08722), (128.66116, -45.03395), (128.65582, -45.03080)

seq_num	501357	Sequence number
obs_id	12075	Observation id
title	The Unique Dynamical Vela Pulsar Wind Nebula	Proposal title
observer	Dr. George Pavlov	Principal investigator
object	Vela PWN	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	128.83625	Observer's specified target RA [deg]
dec_targ	-45.176583	Observer's specified target Dec [deg]
ra_nom	128.80046075441	Nominal RA [deg]
dec_nom	-45.158746561279	Nominal Dec [deg]
roll_nom	140.144330762	Nominal Roll [deg]
revision	3	Processing version of data
ontime	42319.999842405	Sum of GTIs [s]
liveltime	41784.118522356	Livetime [s]
ontime2	42319.999842405	Sum of GTIs [s]
ontime3	42319.999842405	Sum of GTIs [s]
ontime5	42319.999842405	Sum of GTIs [s]
ontime6	42319.999842405	Sum of GTIs [s]
ontime7	42319.999842405	Sum of GTIs [s]
ontime8	42316.75884223	Sum of GTIs [s]
l2events	1093726	Number of level 2 events

