

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 9494 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 11 2012

See axaff09494N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.0367588

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:
(161.85247, -60.52136), (161.86409, -60.52162), (161.86623, -60.49901), (161.85516, -60.49304)

seq_num	900831	Sequence number
obs_id	9494	Observation id
title	The Great Nebula in Carina: Protoplanetary Disks to Starburst Galaxies	Proposal title
observer	Dr. Leisa Townsley	Principal investigator
object	Carina South Pillars Ptg 4	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	161.729167	Observer's specified target RA [deg]
dec_targ	-60.367139	Observer's specified target Dec [deg]
ra_nom	161.73326370152	Nominal RA [deg]
dec_nom	-60.374958639386	Nominal Dec [deg]
roll_nom	267.21224879273	Nominal Roll [deg]
revision	3	Processing version of data
ontime	37036.75886184	Sum of GTIs [s]
livetime	36567.777120272	Livetime [s]
ontime0	37036.758881807	Sum of GTIs [s]
ontime1	37039.999862075	Sum of GTIs [s]
ontime2	37036.758851826	Sum of GTIs [s]
ontime3	37036.75886184	Sum of GTIs [s]
ontime6	37033.517931283	Sum of GTIs [s]
ontime7	37039.999862075	Sum of GTIs [s]
l2events	258194	Number of level 2 events

