

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 14435 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 11 2012

See axaff14435N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.829772289395

Comments

A spatial region of the original bias map for CCD = 3 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 = 3 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:

(225.98856, -41.74199), (225.98010, -41.74522), (225.99778, -41.77079), (226.00188, -41.76125)

seq_num	501798	Sequence number
obs_id	14435	Observation id
title	SN1006: SHOCK PHYSICS, COSMIC-RAY ACCELERATION, AND SN IA EXPLOSIONS	
observer	Dr. P. Winkler	Principal investigator
object	SN1006_Ctr-E	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	225.92701	Observer's specified target RA [deg]
dec_targ	-41.913681	Observer's specified target Dec [deg]
ra_nom	225.93462414799	Nominal RA [deg]
dec_nom	-41.919450765509	Nominal Dec [deg]
roll_nom	297.25339846124	Nominal Roll [deg]
revision	2	Processing version of data
ontime	38829.772289395	Sum of GTIs [s]
livetime	38322.432728372	Livetime [s]
ontime0	38829.649169385	Sum of GTIs [s]
ontime1	38826.54918915	Sum of GTIs [s]
ontime2	38832.872279763	Sum of GTIs [s]
ontime3	38829.772289395	Sum of GTIs [s]
l2events	294020	Number of level 2 events

