

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 7643 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Apr 24 2012

See axaff07643N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	34.0415998

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:
(177.31322,52.06556), (177.30482,52.07172), (177.25668,52.04675), (177.27000,52.04314)

seq_num	500772	Sequence number
obs_id	7643	Observation id
title	In-depth Study of the Nearest Engine-Driven Cosmic Explosions	Prop
observer	Prof. Shrinivas Kulkarni	Principal investigator
object	SN2007bg	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	177.359167	Observer's specified target RA [deg]
dec_targ	51.822722	Observer's specified target Dec [deg]
ra_nom	177.35669139445	Nominal RA [deg]
dec_nom	51.818113958998	Nominal Dec [deg]
roll_nom	220.07329744335	Nominal Roll [deg]
revision	4	Processing version of data
ontime	34041.599873245	Sum of GTIs [s]
livetime	33610.544638259	Livetime [s]
ontime2	34038.358873069	Sum of GTIs [s]
ontime3	34035.11791271	Sum of GTIs [s]
ontime5	34041.599873245	Sum of GTIs [s]
ontime6	34041.599873245	Sum of GTIs [s]
ontime7	34041.599873245	Sum of GTIs [s]
ontime8	34038.358863115	Sum of GTIs [s]
l2events	351414	Number of level 2 events

