

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13438 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 21 2012

See axaff13438N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	67.062300515771

Comments

Preferred roll constraint met.

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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:
(266.55601, -28.83550), (266.48384, -28.84174), (266.48384, -28.84174), (266.56406, -28.90495)

seq_num	900981	Sequence number
obs_id	13438	Observation id
title	Following the echo of a past flare from Sgr A* in the interstellar medium	Proposal title
observer	Dr Regis Terrier	Principal investigator
object	Sgr A complex	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.49875	Observer's specified target RA [deg]
dec_targ	-28.971083	Observer's specified target Dec [deg]
ra_nom	266.50236756354	Nominal RA [deg]
dec_nom	-28.978525440264	Nominal Dec [deg]
roll_nom	275.76719447492	Nominal Roll [deg]
revision	3	Processing version of data
ontime	67062.300515771	Sum of GTIs [s]
livetime	66186.082188985	Livetime [s]
ontime0	67056.018475175	Sum of GTIs [s]
ontime1	67062.300515771	Sum of GTIs [s]
ontime2	67059.159495354	Sum of GTIs [s]
ontime3	67062.300515771	Sum of GTIs [s]
l2events	429481	Number of level 2 events

