

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 418 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 27 2012

See axaff00418N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.532

Comments

Monitor constraint met.

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A spatial region of the original bias map for CCD = 1 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 = 1 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:
(63.36072,5.64801), (63.35812,5.64810), (63.35683,5.61282), (63.35948,5.61395)

seq_num	700090	Sequence number
obs_id	418	Observation id
title	A SURVEY OF GRAVITATIONALLY LENSED QUASARS	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	MITG J0414+0534	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	63.657083	Observer's specified target RA [deg]
dec_targ	5.578333	Observer's specified target Dec [deg]
ra_nom	63.654860078535	Nominal RA [deg]
dec_nom	5.5685077326912	Nominal Dec [deg]
roll_nom	267.86942613666	Nominal Roll [deg]
revision	5	Processing version of data
ontime	7532.1700188518	Sum of GTIs [s]
livetime	7436.7931467448	Livetime [s]
ontime1	7528.9700786918	Sum of GTIs [s]
ontime2	7532.0058588535	Sum of GTIs [s]
ontime3	7532.0879388601	Sum of GTIs [s]
ontime6	7532.1289788485	Sum of GTIs [s]
ontime7	7532.1700188518	Sum of GTIs [s]
ontime8	7532.0468988568	Sum of GTIs [s]
l2events	104646	Number of level 2 events

