

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 8031 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Apr 24 2012

See axaff08031N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.6383589

Comments

Monitor constraint met.

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Spatial regions of the original bias maps for CCDs = 2 and 6 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 maps for CCD = 2 and 6 have 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:

CCD 2:

(203.91792,6.97413), (203.92062,6.97086), (203.99758,7.03316), (203.99818,7.03910)

CCD 6:

(204.04714,6.79662), (204.05534,6.80327), (203.99230,6.87991), (203.99419,6.86100)

seq_num	900575	Sequence number
obs_id	8031	Observation id
title	Discovering the absorbed AGN population responsible for the hard X-ray background	Proposal title
observer	Ms Simona Soldi	Principal investigator
object	IGR J1335+0710	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	203.967083	Observer's specified target RA [deg]
dec_targ	7.142389	Observer's specified target Dec [deg]
ra_nom	203.96258727067	Nominal RA [deg]
dec_nom	7.1356327812768	Nominal Dec [deg]
roll_nom	219.19362332839	Nominal Roll [deg]
revision	4	Processing version of data
ontime	19637.623599529	Sum of GTIs [s]
livetime	19388.960185155	Livetime [s]
ontime0	19640.741479754	Sum of GTIs [s]
ontime1	19637.541519523	Sum of GTIs [s]
ontime2	19640.823559761	Sum of GTIs [s]
ontime3	19637.623599529	Sum of GTIs [s]
ontime6	19640.946679771	Sum of GTIs [s]
ontime7	19640.905639768	Sum of GTIs [s]
l2events	126678	Number of level 2 events

