

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 4883 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Feb 11 2013

See axaff04883N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.02.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.756

Comments

The fid light in slot 2 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this fid light from the solution.

=====

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:

(10.26868, -9.78253), (10.27297, -9.78269), (10.27452, -9.74578), (10.27024, -9.74561)

seq_num	700965	Sequence number
obs_id	4883	Observation id
title	AGN in low-redshift Clusters of Galaxies	Proposal title
observer	Prof. Paul Martini	Principal investigator
object	Abell85-P3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	10.170417	Observer's specified target RA [deg]
dec_targ	-9.645833	Observer's specified target Dec [deg]
ra_nom	10.17237148809	Nominal RA [deg]
dec_nom	-9.6415976904091	Nominal Dec [deg]
roll_nom	87.592332096263	Nominal Roll [deg]
revision	5	Processing version of data
ontime	9756.7589733601	Sum of GTIs [s]
livetime	9633.2130164244	Livetime [s]
ontime0	9759.9999636412	Sum of GTIs [s]
ontime1	9759.9999636412	Sum of GTIs [s]
ontime2	9759.9999636412	Sum of GTIs [s]
ontime3	9756.7589733601	Sum of GTIs [s]
ontime5	9759.9999636412	Sum of GTIs [s]
ontime7	9759.9999636412	Sum of GTIs [s]
l2events	115946	Number of level 2 events

