

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 4885 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Feb 11 2013

See axaff04885N003_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	9.759

Comments

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:
(10.26933, -9.51535), (10.27362, -9.51549), (10.27499, -9.47857), (10.27070, -9.47843)

seq_num	700967	Sequence number
obs_id	4885	Observation id
title	AGN in low-redshift Clusters of Galaxies	Proposal title
observer	Prof. Paul Martini	Principal investigator
object	Abell85-P5	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	-9.379167	Observer's specified target Dec [deg]
ra_nom	10.172404683408	Nominal RA [deg]
dec_nom	-9.3749279648084	Nominal Dec [deg]
roll_nom	87.878207996732	Nominal Roll [deg]
revision	5	Processing version of data
ontime	9758.4606335759	Sum of GTIs [s]
livetime	9634.893129194	Livetime [s]
ontime0	9758.5837535858	Sum of GTIs [s]
ontime1	9758.3785535991	Sum of GTIs [s]
ontime2	9748.6966226995	Sum of GTIs [s]
ontime3	9758.4606335759	Sum of GTIs [s]
ontime5	9758.5016536713	Sum of GTIs [s]
ontime7	9758.5427135825	Sum of GTIs [s]
l2events	117127	Number of level 2 events

