

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 5751 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Apr 27 2013

See axaff05751N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.04.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	130.5966

Comments

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:
(302.93032, -56.95123), (302.93830, -56.95318), (302.95751, -56.92964), (302.95521, -56.92071)

seq_num	800466	Sequence number
obs_id	5751	Observation id
title	A CHANDRA TREASURY OBSERVATION OF THE BEST EXAMPLE OF A CLUSTER COLD FRONT	Proposal title
observer	Dr. Alexey Vikhlinin	Principal investigator
object	Abell 3667	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	303.280208	Observer's specified target RA [deg]
dec_targ	-56.89	Observer's specified target Dec [deg]
ra_nom	303.28638944939	Nominal RA [deg]
dec_nom	-56.886806685824	Nominal Dec [deg]
roll_nom	66.300776110692	Nominal Roll [deg]
revision	4	Processing version of data
ontime	130596.6357879	Sum of GTIs [s]
livetime	128890.29459749	Livetime [s]
ontime0	130590.35384715	Sum of GTIs [s]
ontime1	130596.6357879	Sum of GTIs [s]
ontime2	130574.64889619	Sum of GTIs [s]
ontime3	130580.93085665	Sum of GTIs [s]
ontime6	130596.63583758	Sum of GTIs [s]
l2events	1125193	Number of level 2 events

