

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 11743 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 2 2012

See [axaff11743N003-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.578800127506

Comments

A spatial region of the original bias map for CCD = 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 map for CCD = 6 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:
(87.38177, -57.19628), (87.38418, -57.19898), (87.61577, -57.13793), (87.61335, -57.13524)

seq_num	800883	Sequence number
obs_id	11743	Observation id
title	Chandra Observations of a Complete Sample of SZE Selected Galaxy Clusters	Proposal title
observer	Dr Joseph Mohr	Principal investigator
object	SPT-CL 0552-5709	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	87.897083	Observer's specified target RA [deg]
dec_targ	-57.156	Observer's specified target Dec [deg]
ra_nom	87.85607870191	Nominal RA [deg]
dec_nom	-57.10632818107	Nominal Dec [deg]
roll_nom	116.17760832937	Nominal Roll [deg]
revision	3	Processing version of data
ontime	16578.800127506	Sum of GTIs [s]
livetime	16362.185898705	Livetime [s]
ontime0	16575.659157217	Sum of GTIs [s]
ontime1	16569.37724638	Sum of GTIs [s]
ontime2	16575.659167111	Sum of GTIs [s]
ontime3	16578.800127506	Sum of GTIs [s]
ontime6	16572.5181669	Sum of GTIs [s]
l2events	67277	Number of level 2 events

