

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 13155 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 5 2012

See axaff13155N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.5559507339

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:
(56.59838, -54.68566), (56.59962, -54.68713), (56.72785, -54.65071), (56.72428, -54.64990)

seq_num	800989	Sequence number
obs_id	13155	Observation id
title	Chandra Observations of the ACT Sample of SZE-Selected Galaxy Clusters	Proposal title
observer	Prof. John Hughes	Principal investigator
object	ACT J0346-5438	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	56.73125	Observer's specified target RA [deg]
dec_targ	-54.648556	Observer's specified target Dec [deg]
ra_nom	56.816942998657	Nominal RA [deg]
dec_nom	-54.626228988601	Nominal Dec [deg]
roll_nom	26.278549315107	Nominal Roll [deg]
revision	3	Processing version of data
ontime	16555.950728238	Sum of GTIs [s]
livetime	16339.63504366	Livetime [s]
ontime0	16552.686597884	Sum of GTIs [s]
ontime1	16555.868648231	Sum of GTIs [s]
ontime2	16552.76867795	Sum of GTIs [s]
ontime3	16555.950728238	Sum of GTIs [s]
ontime6	16555.786568224	Sum of GTIs [s]
l2events	57754	Number of level 2 events

