

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 13117 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 2 2012

See axaff13117N003-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	44.55508733815

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:
(90.02944, -52.81753), (90.04379, -52.81513), (90.02161, -52.76609), (90.00918, -52.77269)

seq_num	800983	Sequence number
obs_id	13117	Observation id
title	Chandra Observations of the ACT Sample of SZE-Selected Galaxy Clusters	Proposal title
observer	Prof. John Hughes	Principal investigator
object	ACT J0559-5249	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	89.93	Observer's specified target RA [deg]
dec_targ	-52.824194	Observer's specified target Dec [deg]
ra_nom	89.90951077564	Nominal RA [deg]
dec_nom	-52.771209220531	Nominal Dec [deg]
roll_nom	105.19236480334	Nominal Roll [deg]
revision	3	Processing version of data
ontime	44555.087343931	Sum of GTIs [s]
livetime	43972.942326805	Livetime [s]
ontime0	44545.541303098	Sum of GTIs [s]
ontime1	44545.582352936	Sum of GTIs [s]
ontime2	44555.046303928	Sum of GTIs [s]
ontime3	44555.087343931	Sum of GTIs [s]
ontime6	44548.641233325	Sum of GTIs [s]
l2events	154337	Number of level 2 events

