

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 5759 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 9 2020

See axaff05759N005_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.69675

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: (148.69103,40.96653), (148.69412,40.96464), (148.81074,41.07305), (148.80765,41.07494).

seq_num	800472	Sequence number
obs_id	5759	Observation id
title	DARK ENERGY WITH X-RAY CLUSTERS: CHANDRA OBSERVATIONS OF 41 HIGH-REDSHIFT CLUSTERS FROM THE 400 deg^2 ROSAT PSPC SURVEY	Proposal titl
observer	Dr Alexey Vikhlinin	Principal investigator
object	CIG J0956+4107	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	149.011667	Observer's specified target RA [deg]
dec_targ	41.118889	Observer's specified target Dec [deg]
ra_nom	148.96170700508	Nominal RA [deg]
dec_nom	41.155789507875	Nominal Dec [deg]
roll_nom	140.74937034594	Nominal Roll [deg]
revision	5	Processing version of data
ontime	40696.758931458	Sum of GTIs [s]
livetime	40165.0258155	Livetime [s]
ontime0	40699.899921715	Sum of GTIs [s]
ontime1	40696.758941472	Sum of GTIs [s]
ontime2	40699.899921715	Sum of GTIs [s]
ontime3	40696.758931458	Sum of GTIs [s]
ontime6	40696.758951396	Sum of GTIs [s]
l2events	108489	Number of level 2 events

