

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 5777 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 10 2020

See axaff05777N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.10.13
V&V Edition	1
V&V Disposition and Status	Repr+DD
V&V Charge Time	20.14379

Comments

SAP: please reprocess with the replacement bias for CCD_ID = 2

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The bias map for CCD_ID = 2 suffers from anomalously high bias values in an 'exacto-knife'-shaped area of the bias file. Pixels in the event data that have been bias-corrected by one of the 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_ID = 2 will be recreated to remove this anomaly and the data will be reprocessed.

seq_num	800490	Sequence number
obs_id	5777	Observation id
title	Chandra observations of high-redshift clusters of galaxies from the 400 Square Degrees ROSAT PSPC survey	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	CIG J0159+0030	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	29.825833	Observer's specified target RA [deg]
dec_targ	0.5025	Observer's specified target Dec [deg]
ra_nom	29.820775329857	Nominal RA [deg]
dec_nom	0.55461033933205	Nominal Dec [deg]
roll_nom	101.10490136065	Nominal Roll [deg]
revision	4	Processing version of data
ontime	20143.799961239	Sum of GTIs [s]
livetime	19880.606385096	Livetime [s]
ontime0	20140.658980936	Sum of GTIs [s]
ontime1	20140.658980995	Sum of GTIs [s]
ontime2	20140.658970982	Sum of GTIs [s]
ontime3	20143.799961239	Sum of GTIs [s]
ontime6	20140.658961058	Sum of GTIs [s]
l2events	61148	Number of level 2 events

