

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 6296 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 11 2020

See axaff06296N005_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.04007

Comments

A spatial region of the original bias map for CCD = 0 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 = 0 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:
(303.36928, -56.77043), (303.36537, -56.76874), (303.20830, -56.87857), (303.21222, -56.88026).

seq_num	800466	Sequence number
obs_id	6296	Observation id
title	A CHANDRA TREASURY OBSERVATION OF THE BEST EXAMPLE OF A CLUSTER COLD FRONT	Proposal title
observer	Dr Alexey Vikhlinin	Principal investigator
object	Abell 3667	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	303.280208	Observer's specified target RA [deg]
dec_targ	-56.89	Observer's specified target Dec [deg]
ra_nom	303.26099379439	Nominal RA [deg]
dec_nom	-56.910429790902	Nominal Dec [deg]
roll_nom	51.924626447541	Nominal Roll [deg]
revision	5	Processing version of data
ontime	50040.076913089	Sum of GTIs [s]
livetime	49386.26646925	Livetime [s]
ontime0	50040.076913089	Sum of GTIs [s]
ontime1	50049.499903738	Sum of GTIs [s]
ontime2	50036.935903043	Sum of GTIs [s]
ontime3	50043.2179133	Sum of GTIs [s]
ontime6	50049.499903738	Sum of GTIs [s]
l2events	424937	Number of level 2 events

