

V&V Summary Report

L2 ASCDS Version : 10.4.1

Observation 17627 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Sep 1 2015

See axaff17627N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.09.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	56.765853594303

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:
(207.83110, 26.48401), (207.82704, 26.48343), (207.83954, 26.41427),
(207.84360, 26.41485).

seq_num	801501	Sequence number
obs_id	17627	Observation id
title	Chandra mapping of the cosmic web converging on the virialization region of Abell 1795	Proposal title
observer	Dr Alexey Vikhlinin	Principal investigator
object	Abell 1795 outskirts	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	207.796542	Observer's specified target RA [deg]
dec_targ	26.417233	Observer's specified target Dec [deg]
ra_nom	207.80184367057	Nominal RA [deg]
dec_nom	26.408392220158	Nominal Dec [deg]
roll_nom	279.20632218588	Nominal Roll [deg]
revision	2	Processing version of data
ontime	56765.853594303	Sum of GTIs [s]
livetime	56024.16592668	Livetime [s]
ontime0	56772.012434721	Sum of GTIs [s]
ontime1	56759.48950398	Sum of GTIs [s]
ontime2	56768.953554511	Sum of GTIs [s]
ontime3	56765.853594303	Sum of GTIs [s]
ontime6	56771.971374869	Sum of GTIs [s]
l2events	150001	Number of level 2 events

