

# V&V Summary Report

## L2 ASCDS Version : 10.3.3

Observation 17625 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : May 5 2015

See [axaff17625N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.05.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	55.077659383416

## 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:  
(206.87258, 27.14996), (206.87360, 27.14681), (207.02419, 27.18556),  
(207.02318, 27.18870).

seq_num	801501	Sequence number
obs_id	17625	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	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	207.065696	Observer's specified target RA [deg]
dec_targ	27.098428	Observer's specified target Dec [deg]
ra_nom	207.05647620608	Nominal RA [deg]
dec_nom	27.092655829143	Nominal Dec [deg]
roll_nom	196.08071262057	Nominal Roll [deg]
revision	2	Processing version of data
ontime	55077.659383416	Sum of GTIs [s]
livetime	54358.029215989	Livetime [s]
ontime0	55080.800423741	Sum of GTIs [s]
ontime1	55080.800423741	Sum of GTIs [s]
ontime2	55080.800423741	Sum of GTIs [s]
ontime3	55077.659383416	Sum of GTIs [s]
ontime6	55074.51477313	Sum of GTIs [s]
l2events	133499	Number of level 2 events

