

# V&V Summary Report

## L2 ASCDS Version : 10.3.3

Observation 17610 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Apr 7 2015

See axaff17610N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.04.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	60.081100462198

## 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 ( $\sim 20$  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:  
(207.27447, 26.83022), (207.28247, 26.82649), (207.35503, 26.95020),  
(207.34703, 26.95393).

seq_num	801501	Sequence number
obs_id	17610	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	207.596025	Observer's specified target RA [deg]
dec_targ	27.038917	Observer's specified target Dec [deg]
ra_nom	207.5848934571	Nominal RA [deg]
dec_nom	27.040445856604	Nominal Dec [deg]
roll_nom	152.21375201775	Nominal Roll [deg]
revision	2	Processing version of data
ontime	60081.100462198	Sum of GTIs [s]
livetime	59296.096653597	Livetime [s]
ontime0	60081.100462198	Sum of GTIs [s]
ontime1	60074.81831181	Sum of GTIs [s]
ontime2	60081.100462198	Sum of GTIs [s]
ontime3	60081.100462198	Sum of GTIs [s]
ontime6	60081.100462198	Sum of GTIs [s]
l2events	138898	Number of level 2 events

