

V&V Summary Report

L2 ASCDS Version : 10.3.3

Observation 17611 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 7 2015

See axaff17611N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	59.771027535319

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:
(299.89774, 40.59658), (299.90125, 40.59715), (299.87454, 40.69082),
(299.87034, 40.69265).

seq_num	801501	Sequence number
obs_id	17611	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	207.198329	Observer's specified target RA [deg]
dec_targ	27.124733	Observer's specified target Dec [deg]
ra_nom	207.18938476049	Nominal RA [deg]
dec_nom	27.118640872979	Nominal Dec [deg]
roll_nom	198.38435344023	Nominal Roll [deg]
revision	2	Processing version of data
ontime	59771.027535319	Sum of GTIs [s]
livetime	58990.07505778	Livetime [s]
ontime0	59758.340144396	Sum of GTIs [s]
ontime1	59770.945455313	Sum of GTIs [s]
ontime2	59770.986495376	Sum of GTIs [s]
ontime3	59771.027535319	Sum of GTIs [s]
ontime6	59770.863375306	Sum of GTIs [s]
l2events	145124	Number of level 2 events

