

V&V Summary Report

L2 ASCDS Version : 10.5

Observation 18877 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 30 2016

See [axaff18877N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.07.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	41.839803202748

Comments

One optional chip was dropped.

A spatial region of the original bias map for CCD = 1 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 = 1 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: (207.55127, 26.34120), (207.54726, 26.34316), (207.50908, 26.28076), (207.51308, 26.27880).

seq_num	801501	Sequence number
obs_id	18877	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	207.60765	Observer's specified target RA [deg]
dec_targ	26.162058	Observer's specified target Dec [deg]
ra_nom	207.60674412289	Nominal RA [deg]
dec_nom	26.155332516258	Nominal Dec [deg]
roll_nom	241.20908573835	Nominal Roll [deg]
revision	2	Processing version of data
ontime	41839.803202748	Sum of GTIs [s]
livetime	41293.135371889	Livetime [s]
ontime0	41833.398102522	Sum of GTIs [s]
ontime1	41836.580132723	Sum of GTIs [s]
ontime2	41836.621142507	Sum of GTIs [s]
ontime3	41839.803202748	Sum of GTIs [s]
l2events	98565	Number of level 2 events

