

V&V Summary Report

L2 ASCDS Version : 10.4.1

Observation 17203 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 22 2015

See axaff17203N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.07.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	92.438037151217

Comments

The guide star in slot 6 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this star from the solution.

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:
(302.30946, -56.49080), (302.31089, -56.49425), (302.36406, -56.48746),
(302.35445, -56.48505).

seq_num	801483	Sequence number
obs_id	17203	Observation id
title	THERMAL AND (OR?) RELATIVISTIC MATTER IN THE BRIGHTEST CLUSTER RADIO RELIC	Proposal title
observer	Dr Maxim Markevitch	Principal investigator
object	A3667_NWRELIC_2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	302.550417	Observer's specified target RA [deg]
dec_targ	-56.461944	Observer's specified target Dec [deg]
ra_nom	302.55899513994	Nominal RA [deg]
dec_nom	-56.462587268273	Nominal Dec [deg]
roll_nom	13.215818972784	Nominal Roll [deg]
revision	2	Processing version of data
ontime	92438.037151217	Sum of GTIs [s]
livetime	91230.266143944	Livetime [s]
ontime0	92444.19631207	Sum of GTIs [s]
ontime1	92447.378452778	Sum of GTIs [s]
ontime2	92434.8551718	Sum of GTIs [s]
ontime3	92438.037151217	Sum of GTIs [s]
ontime6	92441.014232159	Sum of GTIs [s]
l2events	256041	Number of level 2 events

