

V&V Summary Report

L2 ASCDS Version : 10.4.3.1

Observation 17207 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 12 2016

See [axaff17207N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.02.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3712000949383

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:
(163.16807, 55.09523), (163.16580, 55.09299), (163.37646, 55.02303),
(163.37874, 55.02526).

seq_num	801487	Sequence number
obs_id	17207	Observation id
title	Exciting Shock Physics in Faint Galaxy Cluster Outskirts	Proposal
observer	Dr Reinout van Weeren	Principal investigator
object	RXC J1053.7+5452 WEST	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	163.27542	Observer's specified target RA [deg]
dec_targ	54.906799	Observer's specified target Dec [deg]
ra_nom	163.26424706037	Nominal RA [deg]
dec_nom	54.907707179456	Nominal Dec [deg]
roll_nom	149.90025412987	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6371.2000949383	Sum of GTIs [s]
livetime	6290.52412306	Livetime [s]
ontime0	6371.2000949383	Sum of GTIs [s]
ontime1	6371.2000949383	Sum of GTIs [s]
ontime2	6371.2000949383	Sum of GTIs [s]
ontime3	6371.2000949383	Sum of GTIs [s]
ontime6	6371.2000949383	Sum of GTIs [s]
ontime7	6371.2000949383	Sum of GTIs [s]
l2events	39655	Number of level 2 events

