

V&V Summary Report

L2 ASCDS Version : 10.2.1

Observation 52901 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 25 2014

See [axaff52901N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.03.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.070399969995

Comments

A spatial region of the original bias map for CCD = 9 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 = 9 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 chip coords:
(589,408), (627,408), (627,663), (589,675)

seq_num	 	Sequence number
obs_id	52901	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	191.01404311321	Nominal RA [deg]
dec_nom	-3.4028345982878	Nominal Dec [deg]
roll_nom	149.50549359746	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8070.399969995	Sum of GTIs [s]
livetime	7968.2077061635	Livetime [s]
ontime4	8070.399969995	Sum of GTIs [s]
ontime5	8070.399969995	Sum of GTIs [s]
ontime6	8070.399969995	Sum of GTIs [s]
ontime7	8070.399969995	Sum of GTIs [s]
ontime8	8070.399969995	Sum of GTIs [s]
ontime9	8070.399969995	Sum of GTIs [s]
l2events	202002	Number of level 2 events