

V&V Summary Report

L2 ASCDS Version : 10.2.1

Observation 53031 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 10 2014

See axaff53031N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.9969863202572

Comments

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 chip coords:
(257,1), (295,1), (295,674), (257,636)

seq_num	 	Sequence number
obs_id	53031	Observation id
title	ACIS-012357 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	151.45350716332	Nominal RA [deg]
dec_nom	1.2185982268123	Nominal Dec [deg]
roll_nom	33.513818340078	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6996.9863202572	Sum of GTIs [s]
livetime	6908.3862663907	Livetime [s]
ontime0	6996.9452802539	Sum of GTIs [s]
ontime1	6996.9042402506	Sum of GTIs [s]
ontime2	6996.8632002473	Sum of GTIs [s]
ontime3	6997.0273602605	Sum of GTIs [s]
ontime5	6996.822160244	Sum of GTIs [s]
ontime7	6996.9863202572	Sum of GTIs [s]
l2events	175182	Number of level 2 events