

V&V Summary Report

L2 ASCDS Version : 10

Observation 53620 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 28 2013

See axaff53620N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5647999718785

Comments

The bias map for CCD_ID = 2 suffered from anomalously high bias values in an 'exacto-knife'-shaped area of the bias file. Pixels in the event data that have been bias-corrected by one of the 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_ID = 2 has been recreated for this processing to remove this anomaly. The bias map was reconstructed using scaled data from a comparable bias map for another observation to replace pixels affected by the anomaly.

seq_num	 	Sequence number
obs_id	53620	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	268.76900426577	Nominal RA [deg]
dec_nom	-39.358296749006	Nominal Dec [deg]
roll_nom	247.38029034954	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7564.7999718785	Sum of GTIs [s]
livetime	7469.0099196589	Livetime [s]
ontime0	7564.7999718785	Sum of GTIs [s]
ontime1	7564.7800431848	Sum of GTIs [s]
ontime2	7564.7390031815	Sum of GTIs [s]
ontime3	7564.7999718785	Sum of GTIs [s]
ontime5	7564.6979631782	Sum of GTIs [s]
ontime7	7564.7999718785	Sum of GTIs [s]
l2events	212655	Number of level 2 events