

V&V Summary Report

L2 ASCDS Version : 10.4.1

Observation 51676 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 23 2015

See [axaff51676N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7265764864683

Comments

Observation was reprocessed with correct version of obspar file.

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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.

seq_num	 	Sequence number
obs_id	51676	Observation id
title	ACIS-012367 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	328.02251201195	Nominal RA [deg]
dec_nom	-42.985415907102	Nominal Dec [deg]
roll_nom	351.34343725557	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7726.5764864683	Sum of GTIs [s]
livetime	7628.7379226108	Livetime [s]
ontime0	7726.5764764547	Sum of GTIs [s]
ontime1	7726.5764864683	Sum of GTIs [s]
ontime2	7726.5667284727	Sum of GTIs [s]
ontime3	7726.5764864683	Sum of GTIs [s]
ontime6	7726.525688529	Sum of GTIs [s]
ontime7	7726.5764864683	Sum of GTIs [s]
l2events	187804	Number of level 2 events