

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 55828 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 9 2012

See [axaff55828N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.5278162924051

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.

seq_num	 	Sequence number
obs_id	55828	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	260.08074723275	Nominal RA [deg]
dec_nom	22.705479521506	Nominal Dec [deg]
roll_nom	310.70514834405	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4527.8162924051	Sum of GTIs [s]
livetime	4470.482356187	Livetime [s]
ontime0	4527.7752524018	Sum of GTIs [s]
ontime1	4527.7342123985	Sum of GTIs [s]
ontime2	4527.6931723952	Sum of GTIs [s]
ontime3	4527.8573324084	Sum of GTIs [s]
ontime5	4527.6521323919	Sum of GTIs [s]
ontime7	4527.8162924051	Sum of GTIs [s]
l2events	213098	Number of level 2 events