V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 56552 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 19 2012

See axaff56552N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.1599999845624

Comments

Spatial regions of the original bias maps for CCDs 2 and 3 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 maps for CCDs 2 and 3 have 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 the chip coordinates:
CCD 2: (634,100),(660,100),(660,1024),(634,1024) and
(779,1),(825,1),(825,1024),(779,1024)
CCD 3: (70,602),(94,602),(94,968),(70,968)

seq_num		Sequence number
obs_id	56552	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object		Source name
dtycycle	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	128.9800592731	Nominal RA [deg]
dec_nom	27.522706879238	Nominal Dec [deg]
roll_nom	94.919505375835	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4159.9999845624	Sum of GTIs [s]
livetime	4107.3235599066	Livetime [s]
ontime0	4159.9999845624	Sum of GTIs [s]
ontime1	4159.9999845624	Sum of GTIs [s]
ontime2	4159.9999845624	Sum of GTIs [s]
ontime3	4159.9999845624	Sum of GTIs [s]
ontime5	4159.9999845624	Sum of GTIs [s]
ontime7	4159.9999845624	Sum of GTIs [s]
l2events	237607	Number of level 2 events