

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 56123 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jun 30 2012

See [axaff56123N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0575999700427

## Comments

The bias map for CCD\_ID = 1 suffers 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. For this obsid, there is no acceptable bias file closely matched in time and focal plane temperature, so no attempt has been made to correct the bias values in this region. The bias values on CCD\_ID = 1 that are elevated are only slightly high (2-4 adu).

seq_num	&#160	Sequence number
obs_id	56123	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	&#160	Source name
dtcycle	0	&#160
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	273.40827032435	Nominal RA [deg]
dec_nom	-11.13204743258	Nominal Dec [deg]
roll_nom	235.53304750877	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8057.5999700427	Sum of GTIs [s]
livetime	7955.5697875178	Livetime [s]
ontime0	8057.5999700427	Sum of GTIs [s]
ontime1	8057.5794743299	Sum of GTIs [s]
ontime2	8057.5384343266	Sum of GTIs [s]
ontime3	8057.5999700427	Sum of GTIs [s]
ontime5	8057.4973943233	Sum of GTIs [s]
ontime7	8057.5999700427	Sum of GTIs [s]
l2events	401944	Number of level 2 events