

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 13441 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Feb 21 2012

See axaff13441N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	60.508232135236

## Comments

A spatial region of the original bias map for CCD = 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 map for CCD = 3 has 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 sky coords:  
(287.71174,9.24441), (287.70562,9.24755), (287.64997,9.14120), (287.65609,9.13806)

seq_num	501566	Sequence number
obs_id	13441	Observation id
title	Probing the Unique Morphology and Plasma Conditions of W49B with Chandra	Proposal title
observer	Dr. Laura Lopez	Principal investigator
object	W49B	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	287.7775	Observer's specified target RA [deg]
dec_targ	9.1	Observer's specified target Dec [deg]
ra_nom	287.7700783088	Nominal RA [deg]
dec_nom	9.0803738073598	Nominal Dec [deg]
roll_nom	242.65780254635	Nominal Roll [deg]
revision	3	Processing version of data
ontime	60508.232136965	Sum of GTIs [s]
livetime	59742.040467963	Livetime [s]
ontime2	60508.273176968	Sum of GTIs [s]
ontime3	60504.868046105	Sum of GTIs [s]
ontime5	60508.191096961	Sum of GTIs [s]
ontime6	60508.150056958	Sum of GTIs [s]
ontime7	60508.232136965	Sum of GTIs [s]
ontime8	60508.067976952	Sum of GTIs [s]
l2events	941456	Number of level 2 events

