

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 8641 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : May 11 2012

See axaff08641N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.04270006

## Comments

A spatial region of the original bias map for CCD = 2 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 = 2 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:  
(252.22159,34.90666), (252.22432,34.91831), (252.05729,34.94481), (252.05459,34.93316)

seq_num	900778	Sequence number
obs_id	8641	Observation id
title	Chandra Observations of the DEEP2 Fields	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	DEEP2 Field 2	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	252.01425	Observer's specified target RA [deg]
dec_targ	34.817384	Observer's specified target Dec [deg]
ra_nom	252.0240013091	Nominal RA [deg]
dec_nom	34.818279487353	Nominal Dec [deg]
roll_nom	349.10315842199	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9042.7000695467	Sum of GTIs [s]
livetime	8924.5505359991	Livetime [s]
ontime0	9039.5590991974	Sum of GTIs [s]
ontime1	9042.7000695467	Sum of GTIs [s]
ontime2	9036.4181488156	Sum of GTIs [s]
ontime3	9042.7000695467	Sum of GTIs [s]
ontime6	9042.7000695467	Sum of GTIs [s]
l2events	30971	Number of level 2 events

