

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 2284 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Oct 19 2012

See axaff02284N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.761

## Comments

Roll constraint met.

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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. The pixels affected by the anomaly are bounded by sky coords:  
(266.29357, -28.82482), (266.28934, -28.82573), (266.29375, -28.84149), (266.29798, -28.84058)

seq_num	900111	Sequence number
obs_id	2284	Observation id
title	CHANDRA SURVEY OF THE GALACTIC RIDGE AROUND THE MILKY WAY CENTER	P
observer	Prof. Q. Daniel Wang	Principal investigator
object	GCS 14	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.405	Observer's specified target RA [deg]
dec_targ	-28.9362	Observer's specified target Dec [deg]
ra_nom	266.40415121249	Nominal RA [deg]
dec_nom	-28.940896196268	Nominal Dec [deg]
roll_nom	283.80728276948	Nominal Roll [deg]
revision	4	Processing version of data
ontime	10758.400010005	Sum of GTIs [s]
livetime	10622.170671147	Livetime [s]
ontime0	10758.400010005	Sum of GTIs [s]
ontime1	10758.400010005	Sum of GTIs [s]
ontime2	10758.400010005	Sum of GTIs [s]
ontime3	10758.400010005	Sum of GTIs [s]
ontime6	10758.400010005	Sum of GTIs [s]
ontime7	10758.400010005	Sum of GTIs [s]
l2events	86498	Number of level 2 events

