

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 2295 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : Oct 19 2012

See axaff02295N003\_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	11.3

## Comments

Charge time for this ObsId remains at previous value of 11.3 ks although with the current processing the charge time would have been 11.26 ksec. 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:  
(265.98705,-28.88932), (265.98281,-28.89023), (265.98722,-28.90599), (265.99145,-28.90508)

seq_num	900122	Sequence number
obs_id	2295	Observation id
title	CHANDRA SURVEY OF THE GALACTIC RIDGE AROUND THE MILKY WAY CENTER	P
observer	Prof. Q. Daniel Wang	Principal investigator
object	GCS 18	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.0985	Observer's specified target RA [deg]
dec_targ	-29.0007	Observer's specified target Dec [deg]
ra_nom	266.09769303621	Nominal RA [deg]
dec_nom	-29.00540566081	Nominal Dec [deg]
roll_nom	283.80730282688	Nominal Roll [deg]
revision	5	Processing version of data
ontime	11257.60001047	Sum of GTIs [s]
livetime	11115.049500624	Livetime [s]
ontime0	11257.60001047	Sum of GTIs [s]
ontime1	11257.60001047	Sum of GTIs [s]
ontime2	11257.60001047	Sum of GTIs [s]
ontime3	11257.60001047	Sum of GTIs [s]
ontime6	11257.60001047	Sum of GTIs [s]
ontime7	11257.60001047	Sum of GTIs [s]
l2events	66365	Number of level 2 events

