

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2287 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 19 2012

See axaff02287N003_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	10.8

Comments

Charge time for this ObsId remains at previous value of 10.8 ks although with the current processing the charge time would have been 10.76 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:
(266.10364,-28.72297), (266.09941,-28.72389), (266.10382,-28.73965), (266.10804,-28.73873)

seq_num	900114	Sequence number
obs_id	2287	Observation id
title	CHANDRA SURVEY OF THE GALACTIC RIDGE AROUND THE MILKY WAY CENTER	P
observer	Prof. Q. Daniel Wang	Principal investigator
object	GCS 15	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.215	Observer's specified target RA [deg]
dec_targ	-28.8344	Observer's specified target Dec [deg]
ra_nom	266.21411487437	Nominal RA [deg]
dec_nom	-28.839053176124	Nominal Dec [deg]
roll_nom	283.80726613859	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	10755.159029767	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	60517	Number of level 2 events

