

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2276 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 18 2012

See axaff02276N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.8

Comments

Charge time for this ObsId remains at previous value of 11.8 ks although with the current processing the charge time would have been 11.76 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:
(266.40961,-28.65827), (266.40539,-28.65919), (266.40979,-28.67495), (266.41401,-28.67403)

seq_num	900103	Sequence number
obs_id	2276	Observation id
title	CHANDRA SURVEY OF THE GALACTIC RIDGE AROUND THE MILKY WAY CENTER	P
observer	Prof. Q. Daniel Wang	Principal investigator
object	GCS 11	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.5209	Observer's specified target RA [deg]
dec_targ	-28.7697	Observer's specified target Dec [deg]
ra_nom	266.5200235308	Nominal RA [deg]
dec_nom	-28.774350280773	Nominal Dec [deg]
roll_nom	283.80729284091	Nominal Roll [deg]
revision	4	Processing version of data
ontime	11760.000010937	Sum of GTIs [s]
livetime	11611.087809777	Livetime [s]
ontime0	11760.000010937	Sum of GTIs [s]
ontime1	11760.000010937	Sum of GTIs [s]
ontime2	11760.000010937	Sum of GTIs [s]
ontime3	11760.000010937	Sum of GTIs [s]
ontime6	11756.759030685	Sum of GTIs [s]
ontime7	11760.000010937	Sum of GTIs [s]
l2events	91844	Number of level 2 events

