

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 5540 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Apr 15 2013

See axaff05540N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.04.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.95839

Comments

Window and roll constraints satisfied.

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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:
(121.39790, -41.42340), (121.39441, -41.42722), (121.50824, -41.48578), (121.51173, -41.48195)

seq_num	500533	Sequence number
obs_id	5540	Observation id
title	Astrometric study of isolated neutron stars	Proposal title
observer	Dr Christian Motch	Principal investigator
object	RX J0806.4-4123	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	121.5975	Observer's specified target RA [deg]
dec_targ	-41.37525	Observer's specified target Dec [deg]
ra_nom	121.6008293576	Nominal RA [deg]
dec_nom	-41.379153035005	Nominal Dec [deg]
roll_nom	325.62701530929	Nominal Roll [deg]
revision	4	Processing version of data
ontime	19958.275635511	Sum of GTIs [s]
livetime	19705.551931983	Livetime [s]
ontime0	19958.152515531	Sum of GTIs [s]
ontime1	19958.193555504	Sum of GTIs [s]
ontime2	19958.234595507	Sum of GTIs [s]
ontime3	19958.275635511	Sum of GTIs [s]
ontime6	19955.116715342	Sum of GTIs [s]
ontime7	19958.316675514	Sum of GTIs [s]
l2events	157246	Number of level 2 events

