V&V Summary Report
L2 ASCDS Version : 8.4.4

Observation 7610 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Apr 27 2012

See axaff07610N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.1663589

Comments

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Window preference met. Roll preference met.
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The guide star in slot 6 was removed from the aspect solution due to
poor data quality. The aspect solution is improved by the removal of
this guide star from the solution.
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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:
(197.26446,21.54070),(197.26264,21.54229),(197.21410,21.49437),(197.2176
2,21.49447)
```

seq_num	500740	Sequence number
obs_id	7610	Observation id
title	Astrometric Study of Isolated Neutron Stars	Proposal title
observer	Dr Christian Motch	Principal investigator
object	RX J1308.6+2127	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	197.200833	Observer's specified target RA [deg]
dec_targ	21.451889	Observer's specified target Dec [deg]
ra_nom	197.19702588143	Nominal RA [deg]
dec_nom	21.444641603749	Nominal Dec [deg]
roll_nom	226.71010456244	Nominal Roll [deg]
revision	4	Processing version of data
ontime	20166.35895431	Sum of GTIs [s]
livetime	19911.000374507	Livetime [s]
ontime0	20169.599924922	Sum of GTIs [s]
ontime1	20169.599924922	Sum of GTIs [s]
ontime2	20169.599924922	Sum of GTIs [s]
ontime3	20166.35895431	Sum of GTIs [s]
ontime6	20169.599924922	Sum of GTIs [s]
ontime7	20169.599924922	Sum of GTIs [s]
l2events	209951	Number of level 2 events