V&V Summary Report
L2 ASCDS Version : 10.1.1

Observation 15716 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 8 2014

See axaff15716N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.7823590031266

Comments

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A spatial region of the original bias map for CCD = 8 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 = 8 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:
(162.79478,-21.39391), (162.79374,-21.39587), (162.82076,-21.40842),
(162.82181,-21.40646).
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These data have been reprocessed with new aspect alignment calibration
files that correct small mean offsets (up to 0.4 arcsecs) and improve
overall astrometric accuracy. The new calibration was determined using
data from the time period being reprocessed and was performed using
cross-correlation of X-ray sources with radio and optical counterparts.
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seq_num	200929	Sequence number
obs_id	15716	Observation id
title	INVESTIGATING BINARITY AND ACTIVE ACCRETION IN A NEW CLASS OF AGB STARS WITH FUV EXCESSES	Proposal title
observer	Dr Raghvendra Sahai	Principal investigator
object	V Hya	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	162.905417	Observer's specified target RA [deg]
dec_targ	-21.250083	Observer's specified target Dec [deg]
ra_nom	162.90372505009	Nominal RA [deg]
dec_nom	-21.247428494574	Nominal Dec [deg]
roll_nom	63.493903544356	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9782.3590031266	Sum of GTIs [s]
livetime	9658.4888831996	Livetime [s]
ontime2	9785.5999636054	Sum of GTIs [s]
ontime3	9785.5999636054	Sum of GTIs [s]
ontime5	9782.3589832187	Sum of GTIs [s]
ontime6	9782.3589932919	Sum of GTIs [s]
ontime7	9782.3590031266	Sum of GTIs [s]
ontime8	9785.5999636054	Sum of GTIs [s]
l2events	81412	Number of level 2 events