V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12368 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 28 2012

See axaff12368N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.616431218505

Comments

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Two spatial regions 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 these anomalies using scaled
data from a comparable bias map from another observation. The pixels
affected by the anomaly are bounded by sky coords:
region
1:(289.61532,6.68313),(289.61394,6.68549),(289.49233,6.61548),(289.49370
,6.61312)

region 2:
(289.52071,6.67868),(289.51341,6.69119),(289.46455,6.66306),(289.47186,6
.65054)
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seq_num	200702	Sequence number
obs_id	12368	Observation id
title	X-rays from Planetary Nebulae: Unveiling Binarity, Magnetic Fields, and Wind Collisions	Proposal title
observer	Dr. Joel Kastner	Principal investigator
object	NGC 6781	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	289.617083	Observer's specified target RA [deg]
dec_targ	6.538694	Observer's specified target Dec [deg]
ra_nom	289.62013304147	Nominal RA [deg]
dec_nom	6.5385813361367	Nominal Dec [deg]
roll_nom	300.05847946291	Nominal Roll [deg]
revision	3	Processing version of data
ontime	28616.431216002	Sum of GTIs [s]
livetime	28254.072733198	Livetime [s]
ontime2	28613.231305599	Sum of GTIs [s]
ontime3	28613.067125618	Sum of GTIs [s]
ontime5	28616.390175998	Sum of GTIs [s]
ontime6	28613.108155668	Sum of GTIs [s]
ontime7	28616.431216002	Sum of GTIs [s]
ontime8	28616.267055988	Sum of GTIs [s]
l2events	297100	Number of level 2 events