

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 10087 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jun 11 2012

See axaff10087N003-VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.1567999

## Comments

A spatial region of the original bias map for CCD = 0 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 = 0 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:  
(249.07662, -47.46178), (249.08031, -47.45945), (249.03143, -47.42410), (249.02939, -47.42762)

seq_num	501019	Sequence number
obs_id	10087	Observation id
title	New Pulsar Identifications of TeV Gamma-ray Sources	Proposal title
observer	Prof. Jules Halpern	Principal investigator
object	HESS J1634-472	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	248.980417	Observer's specified target RA [deg]
dec_targ	-47.317694	Observer's specified target Dec [deg]
ra_nom	248.9907686626	Nominal RA [deg]
dec_nom	-47.321657924647	Nominal Dec [deg]
roll_nom	313.03338246685	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10156.799962223	Sum of GTIs [s]
liveltime	10028.18844541	Livetime [s]
ontime0	10156.799962223	Sum of GTIs [s]
ontime1	10156.799962223	Sum of GTIs [s]
ontime2	10153.558962047	Sum of GTIs [s]
ontime3	10156.799962223	Sum of GTIs [s]
ontime6	10156.799962223	Sum of GTIs [s]
ontime7	10156.799962223	Sum of GTIs [s]
l2events	76006	Number of level 2 events

