

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 9957 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jun 11 2012

See axaff09957N003\_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	16.042

## Comments

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 ( $\sim 20$  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:  
(260.40843, -19.38046), (260.40983, -19.37322), (260.26427, -19.34805), (260.26286, -19.35530)

seq_num	300244	Sequence number
obs_id	9957	Observation id
title	Understanding the Current Dynamical States of Globular Clusters	Pr
observer	Prof. David Pooley	Principal investigator
object	NGC 6342	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	260.2925	Observer's specified target RA [deg]
dec_targ	-19.587222	Observer's specified target Dec [deg]
ra_nom	260.29437596311	Nominal RA [deg]
dec_nom	-19.591722245642	Nominal Dec [deg]
roll_nom	259.56874295958	Nominal Roll [deg]
revision	3	Processing version of data
ontime	16042.500123382	Sum of GTIs [s]
livetime	15832.893048953	Livetime [s]
ontime2	16036.07167989	Sum of GTIs [s]
ontime5	16042.476840496	Sum of GTIs [s]
ontime6	16042.435800493	Sum of GTIs [s]
ontime7	16042.500123382	Sum of GTIs [s]
ontime8	16042.394760489	Sum of GTIs [s]
l2events	202844	Number of level 2 events

