

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 10847 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jun 21 2012

See axaff10847N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.5238001

## Comments

Joint Proposal: Spitzer. Roll constraint met.

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A spatial region of the original bias map for CCD = 3 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 = 3 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:  
(214.34944,52.53539), (214.35434,52.53347), (214.40518,52.58167), (214.39870,52.58210)

seq_num	900798	Sequence number
obs_id	10847	Observation id
title	The Evolution of Faint AGN at High Redshift	Proposal title
observer	Prof Kirpal Nandra	Principal investigator
object	AEGIS-3	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	214.5375	Observer's specified target RA [deg]
dec_targ	52.617889	Observer's specified target Dec [deg]
ra_nom	214.54102160116	Nominal RA [deg]
dec_nom	52.625662784103	Nominal Dec [deg]
roll_nom	57.205894984788	Nominal Roll [deg]
revision	3	Processing version of data
ontime	19523.164679408	Sum of GTIs [s]
livetime	19268.080160127	Livetime [s]
ontime0	19516.759618759	Sum of GTIs [s]
ontime1	19523.082599401	Sum of GTIs [s]
ontime2	19516.841728568	Sum of GTIs [s]
ontime3	19523.164679408	Sum of GTIs [s]
ontime6	19523.000519395	Sum of GTIs [s]
l2events	69971	Number of level 2 events

