

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 5821 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Apr 5 2013

See axaff05821N004\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.83819

## Comments

Joint proposal with XMM

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A spatial region of the original bias map for CCD = 2 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 = 2 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:  
(134.77167,27.97230), (134.76719,27.97245), (134.76510,27.92572), (134.76957,27.92558)

seq_num	800534	Sequence number
obs_id	5821	Observation id
title	The Creation of the Intracluster Medium in High-z Galaxy Clusters	&#160
observer	Dr. Spencer Stanford	Principal investigator
object	3C 210	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	134.54125	Observer's specified target RA [deg]
dec_targ	27.847778	Observer's specified target Dec [deg]
ra_nom	134.54408530094	Nominal RA [deg]
dec_nom	27.868391467733	Nominal Dec [deg]
roll_nom	87.842047870415	Nominal Roll [deg]
revision	4	Processing version of data
ontime	20837.531653285	Sum of GTIs [s]
livetime	20565.273961867	Livetime [s]
ontime2	20837.367493272	Sum of GTIs [s]
ontime3	20831.126552761	Sum of GTIs [s]
ontime5	20837.490613282	Sum of GTIs [s]
ontime6	20834.308563143	Sum of GTIs [s]
ontime7	20837.531653285	Sum of GTIs [s]
l2events	181318	Number of level 2 events

