

# V&V Summary Report

## L2 ASCDS Version : 10.3.1

Observation 16660 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 17 2014

See axaff16660N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.962137515724

## Comments

A spatial region of the original bias map for CCD = 4 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 = 4 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: (119.35973,28.53273), (119.35969,28.53013), (119.41265,28.52936), (119.41441,28.53193).

seq_num	200981	Sequence number
obs_id	16660	Observation id
title	An age-activity calibration for old low-mass stars	Proposal title
observer	Dr Katja Poppenhaeger	Principal investigator
object	SDSS J075745.52+280728.8	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	119.430833	Observer's specified target RA [deg]
dec_targ	28.1125	Observer's specified target Dec [deg]
ra_nom	119.42704366821	Nominal RA [deg]
dec_nom	28.116802273422	Nominal Dec [deg]
roll_nom	89.001389197777	Nominal Roll [deg]
revision	2	Processing version of data
ontime	14962.137515724	Sum of GTIs [s]
livetime	14772.677921382	Livetime [s]
ontime4	14962.178555727	Sum of GTIs [s]
ontime5	14962.09647572	Sum of GTIs [s]
ontime6	14962.055435717	Sum of GTIs [s]
ontime7	14962.137515724	Sum of GTIs [s]
ontime8	14962.014395714	Sum of GTIs [s]
ontime9	14961.973355711	Sum of GTIs [s]
l2events	131860	Number of level 2 events

