

# V&V Summary Report

## L2 ASCDS Version : 10.5.4

Observation 20085 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : May 31 2017

See axaff20085N001\_VV002\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.05.31
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	15.070808747888

## Comments

Joint proposal with HST.

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A spatial region of the 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. In this case, the bias map for CCD = 2 could not be improved because no suitable data at a compatible temperature and time range are available to use as replacement values. The bias map used in this processing is the original bias map telemetered with the observation.

seq_num	502637	Sequence number
obs_id	20085	Observation id
title	N103B: A Type Ia Remnant with Circumstellar Interaction... Kepler's Older Cousin?	Proposal title
observer	Dr. Brian Williams	Principal investigator
object	SNR 0509-68.7	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	77.245833	Observer's specified target RA [deg]
dec_targ	-68.726111	Observer's specified target Dec [deg]
ra_nom	77.239713684691	Nominal RA [deg]
dec_nom	-68.729936479921	Nominal Dec [deg]
roll_nom	188.15088705028	Nominal Roll [deg]
revision	1	Processing version of data
ontime	15070.808747888	Sum of GTIs [s]
livetime	14873.897536628	Livetime [s]
ontime2	15067.544597626	Sum of GTIs [s]
ontime3	15070.726667881	Sum of GTIs [s]
ontime6	15070.767707944	Sum of GTIs [s]
ontime7	15070.808747888	Sum of GTIs [s]
l2events	135927	Number of level 2 events

