

# V&V Summary Report

## L2 ASCDS Version : 10.4.1

Observation 18354 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Sep 4 2015

See axaff18354N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.09.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.069996606946

## Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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: (267.25734, -27.23400), (267.25792, -27.23104), (267.18153, -27.21934), (267.17703, -27.22170).

seq_num	502465	Sequence number
obs_id	18354	Observation id
title	Nonuniform expansion and brightening of the youngest Galactic SNR G1.9+0.3	Proposal title
observer	Dr. Kazimierz Borkowski	Principal investigator
object	G1.9+0.3	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.189167	Observer's specified target RA [deg]
dec_targ	-27.168889	Observer's specified target Dec [deg]
ra_nom	267.19213567064	Nominal RA [deg]
dec_nom	-27.173616108168	Nominal Dec [deg]
roll_nom	260.15798393104	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30069.996606946	Sum of GTIs [s]
livetime	29677.109964067	Livetime [s]
ontime2	30069.873486996	Sum of GTIs [s]
ontime3	30069.914526939	Sum of GTIs [s]
ontime6	30066.814526677	Sum of GTIs [s]
ontime7	30069.996606946	Sum of GTIs [s]
l2events	137670	Number of level 2 events

