

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 12559 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Jul 25 2012

See [axaff12559N005_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.74681267941

Comments

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:
(83.78299,49.95707), (83.78298,49.96280), (83.56619,49.96216), (83.56623,49.95643)

seq_num	501392	Sequence number
obs_id	12559	Observation id
title	X-ray Observations of the Optically Discovered Galactic Supernova Remnant G159.6+7.3	Proposal title
observer	Robert Fesen	Principal investigator
object	G159.6+7.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.577917	Observer's specified target RA [deg]
dec_targ	49.965	Observer's specified target Dec [deg]
ra_nom	83.56592671095	Nominal RA [deg]
dec_nom	49.962539423564	Nominal Dec [deg]
roll_nom	180.34437528996	Nominal Roll [deg]
revision	5	Processing version of data
ontime	29746.812679708	Sum of GTIs [s]
livetime	29370.140626177	Livetime [s]
ontime0	29753.171670139	Sum of GTIs [s]
ontime1	29753.212710142	Sum of GTIs [s]
ontime2	29753.253740072	Sum of GTIs [s]
ontime3	29746.812679708	Sum of GTIs [s]
ontime6	29753.376870155	Sum of GTIs [s]
ontime7	29753.335830152	Sum of GTIs [s]
l2events	202829	Number of level 2 events

