

# V&V Summary Report

## L2 ASCDS Version : 10.9.1

Observation 4614 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Sep 21 2020

See axaff04614N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.09.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	47.107

## Comments

Window preference met.

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On day 356 at about 00:30, the OBA heater stuck in the "on" position. This situation affected obsid 4901 and all subsequent observations to this point. The result of this anomaly could be a displacement of the target on the chip in the z direction. The displacement will be small because everything is still within spec, but the target may be spatially displaced, have a different point spread function, or trail across the chip.

seq_num	500439	Sequence number
obs_id	4614	Observation id
title	Chandra AO5 Monitoring Observations of SN1987A	Proposal title
observer	David Burrows	Principal investigator
object	SN 1987A	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.866667	Observer's specified target RA [deg]
dec_targ	-69.26975	Observer's specified target Dec [deg]
ra_nom	83.883726354921	Nominal RA [deg]
dec_nom	-69.276393261681	Nominal Dec [deg]
roll_nom	342.96239484098	Nominal Roll [deg]
revision	4	Processing version of data
ontime	47104.499909401	Sum of GTIs [s]
livetime	46489.044940256	Livetime [s]
ontime2	47104.499909401	Sum of GTIs [s]
ontime3	47104.499909401	Sum of GTIs [s]
ontime5	47104.499909401	Sum of GTIs [s]
ontime6	47104.499909401	Sum of GTIs [s]
ontime7	47104.499909401	Sum of GTIs [s]
l2events	526270	Number of level 2 events

