

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 19279 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See axaff19279N003_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.0412001158

Comments

Joint proposal with NuSTAR.

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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: (304.30614,58.35791), (304.30025,58.34830), (304.43315,58.32583), (304.45218,58.33322).

seq_num	502929	Sequence number
obs_id	19279	Observation id
title	Mapping extreme mass loss from evolved massive stars with coordinated Chandra-NuSTAR observations	Proposal title
observer	RAFFAELLA MARGUTTI	Principal investigator
object	SN2017gas	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	304.297167	Observer's specified target RA [deg]
dec_targ	58.202222	Observer's specified target Dec [deg]
ra_nom	304.2999618587	Nominal RA [deg]
dec_nom	58.20160639203	Nominal Dec [deg]
roll_nom	72.150749576472	Nominal Roll [deg]
revision	3	Processing version of data
ontime	15041.2001158	Sum of GTIs [s]
livetime	14844.675763117	Livetime [s]
ontime3	15041.2001158	Sum of GTIs [s]
ontime5	15041.2001158	Sum of GTIs [s]
ontime6	15038.05914557	Sum of GTIs [s]
ontime7	15041.2001158	Sum of GTIs [s]
ontime8	15038.059155583	Sum of GTIs [s]
l2events	177425	Number of level 2 events

