

V&V Summary Report

L2 ASCDS Version : 10.9.2

Observation 20167 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 26 2020

See axaff20167N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.10.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.730725635886

Comments

Warning: this is an observation with custom dither parameters or "big dither" - the amplitude is about 2 arcmin. Scientific analysis should consider the large range in detector response covered.

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The source at the target location is ~5' off-axis. The shape and orientation of the source is consistent with the PSF at that distance.

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The bright "blob" dithering off the edge of the detector is a very bright source. It is assumed the degap calibration at the edge is insufficient causing poor event location in chip coords and thus poor event reconstruction in sky coords.

seq_num	201184	Sequence number
obs_id	20167	Observation id
title	THE EXTREME ULTRAVIOLET FLUX OF VERY LOW MASS STARS	Proposal title
observer	Jeremy Drake	Principal investigator
object	vB 8	Source name
ra_targ	253.892869	Observer's specified target RA [deg]
dec_targ	-8.398637	Observer's specified target Dec [deg]
ra_nom	253.92873636299	Nominal RA [deg]
dec_nom	-8.32622062362	Nominal Dec [deg]
roll_nom	243.76458172298	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10730.981885672	[s]
livetime	10640.846000953	Ontime multiplied by DTCOR
l2events	680416	Number of level 2 events

