

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 20099 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 17 2017

See [axaff20099N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2017.06.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	65.593

Comments

ZerOTH order piled up. The zerOTH order sky position was determined using a software tool developed by CXC called findzero, which is available in CIAO as part of the tgdetect2 tool. The tool calculates the point of intersection of the readout streak on the ACIS CCD and the meg or leg dispersed spectral arm, rather than using a centroid position of the source. The findzero results are more accurate than source centroid in this case.

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Faint grating spectra can be seen in an image of bad events. This is probably due to pileup in the spectrum, causing migration to bad grades. This should be considered in analysis.

seq_num	901348	Sequence number
obs_id	20099	Observation id
title	THE ATOMIC TO DUST ABUNDANCE RATIO OF SILICON TOWARDS THE GALACTIC BULGE	Proposal title
observer	Norbert Schulz	Principal investigator
object	GX340+0	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	251.44875	Observer's specified target RA [deg]
dec_targ	-45.611111	Observer's specified target Dec [deg]
ra_nom	251.45419826454	Nominal RA [deg]
dec_nom	-45.609426316812	Nominal Dec [deg]
roll_nom	326.16052729904	Nominal Roll [deg]
revision	1	Processing version of data
ontime	65593.0	Sum of GTIs [s]
livetime	60617.514416679	Livetime [s]
ontime6	65592.458959937	Sum of GTIs [s]
ontime7	65593.0	Sum of GTIs [s]
l2events	3799855	Number of level 2 events

