

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 20107 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 12 2017

See axaff20107N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2017.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.093

Comments

Neither the tool `tgdetect` nor the tool `findzo` were successful in locating the zeroth order in this observation. The zeroth order was located by eye using `ds9`.

1) `tgdetect` position is on the rim of the crater. So it was eyeballed in `ds9` --- used a "line" region to draw along the streak, then the "crosshair" cursor to intersect a vertical w/ the line in the center of the crater.

2) For such bright sources, you can also set the `ds9` binning to 0.1 pixel (on the "Bin -> Binning Parameters..." menu, X,Y bin fields, and get a more accurate eyeball value. 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.

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Zeroth order piled up. 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	901350	Sequence number
obs_id	20107	Observation id
title	THE ATOMIC TO DUST ABUNDANCE RATIO OF SILICON TOWARDS THE GALACTIC BULGE	Proposal title
observer	Norbert Schulz	Principal investigator
object	GX 354+0	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	262.990417	Observer's specified target RA [deg]
dec_targ	-33.834028	Observer's specified target Dec [deg]
ra_nom	262.99445923136	Nominal RA [deg]
dec_nom	-33.834054932432	Nominal Dec [deg]
roll_nom	292.65885665153	Nominal Roll [deg]
revision	2	Processing version of data
ontime	35093.0	Sum of GTIs [s]
livetime	32431.05870176	Livetime [s]
ontime6	35093.0	Sum of GTIs [s]
ontime7	35093.0	Sum of GTIs [s]
l2events	407790	Number of level 2 events

