

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 20119 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 25 2017

See [axaff20119N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2017.07.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	13.09334584868

Comments

1) findzo position is on the rim of the crater.

Findzo failed. Zeroth order position was estimated manually by eye in ds9.

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.

===

WARNING:

The bias file appears to be slightly contaminated at the position of the zeroth order and in a small trajectory from the chip edge to the zeroth order position. The difference in adu due to this possible contamination is very small, about 5-6 adu, and is probably insignificant since the source is piled up. But consideration should be made of replacing the anomalous bias values using a known technique.

seq_num	901347	Sequence number
obs_id	20119	Observation id
title	THE ATOMIC TO DUST ABUNDANCE RATIO OF SILICON TOWARDS THE GALACTIC BULGE	Proposal title
observer	Norbert Schulz	Principal investigator
object	GX 5-1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	270.284167	Observer's specified target RA [deg]
dec_targ	-25.079167	Observer's specified target Dec [deg]
ra_nom	270.28839912984	Nominal RA [deg]
dec_nom	-25.08140664929	Nominal Dec [deg]
roll_nom	273.35843347378	Nominal Roll [deg]
revision	2	Processing version of data
ontime	13093.34584868	Sum of GTIs [s]
livetime	12100.164358162	Livetime [s]
ontime6	13093.304808736	Sum of GTIs [s]
ontime7	13093.34584868	Sum of GTIs [s]
l2events	1321426	Number of level 2 events

