

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 20192 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 26 2018

See axaff20192N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.079225067258

Comments

Zereth order piled up. The zereth 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	401919	Sequence number
obs_id	20192	Observation id
title	Winds and jets in GX 13+1: a multi-wavelength campaign	Proposal ti
observer	Jeroen Homan	Principal investigator
object	GX 13+1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	273.6295	Observer's specified target RA [deg]
dec_targ	-17.157208	Observer's specified target Dec [deg]
ra_nom	273.62472557189	Nominal RA [deg]
dec_nom	-17.155140759849	Nominal Dec [deg]
roll_nom	102.71109235787	Nominal Roll [deg]
revision	1	Processing version of data
ontime	23079.225067258	Sum of GTIs [s]
livetime	22316.017276405	Livetime [s]
ontime5	23079.184027314	Sum of GTIs [s]
ontime6	23079.142987251	Sum of GTIs [s]
ontime7	23079.225067258	Sum of GTIs [s]
ontime8	23079.101947308	Sum of GTIs [s]
l2events	1968483	Number of level 2 events

