

V&V Summary Report

L2 ASCDS Version : 10.5.4

Observation 19957 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 1 2017

See axaff19957N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2017.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.076801195145

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	901341	Sequence number
obs_id	19957	Observation id
title	Detect Broad High Z Lines in GX 3+1	Proposal title
observer	Claude Canizares	Principal investigator
object	GX 3+1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.983333	Observer's specified target RA [deg]
dec_targ	-26.5635	Observer's specified target Dec [deg]
ra_nom	266.97977189942	Nominal RA [deg]
dec_nom	-26.560061976772	Nominal Dec [deg]
roll_nom	82.155050427231	Nominal Roll [deg]
revision	1	Processing version of data
ontime	30076.801195145	Sum of GTIs [s]
livetime	29082.190287319	Livetime [s]
ontime5	30076.801195145	Sum of GTIs [s]
ontime6	30076.801195145	Sum of GTIs [s]
ontime7	30076.801195145	Sum of GTIs [s]
ontime8	30076.801195145	Sum of GTIs [s]
l2events	2706101	Number of level 2 events

