

V&V Summary Report

L2 ASCDS Version : 10.5.2

Observation 18615 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 28 2016

See axaff18615N001-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.10.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.576000499725

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. 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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seq_num	901341	Sequence number
obs_id	18615	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	266.98562675016	Nominal RA [deg]
dec_nom	-26.563464631081	Nominal Dec [deg]
roll_nom	266.64945522044	Nominal Roll [deg]
revision	1	Processing version of data
ontime	12576.000499725	Sum of GTIs [s]
livetime	12160.124250363	Livetime [s]
ontime5	12576.000499725	Sum of GTIs [s]
ontime6	12576.000499725	Sum of GTIs [s]
ontime7	12576.000499725	Sum of GTIs [s]
ontime8	12576.000499725	Sum of GTIs [s]
l2events	822340	Number of level 2 events

