

# V&V Summary Report

## L2 ASCDS Version : 10.2.4

Observation 16492 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Aug 17 2014

See axaff16492N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2014.08.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	45.08137722379

## 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 dispersed spectral arm, rather than using a centroid position of the source. The findzero results are more accurate than source centroid in this case. Spectral arms are also piled up.

seq_num	901123	Sequence number
obs_id	16492	Observation id
title	Detect Broad High Z Lines in GX 3+1	Proposal title
observer	Prof. Claude Canizares	Principal investigator
object	GX 3+1	Source name
dtcycle	0	&#160
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	266.98626714018	Nominal RA [deg]
dec_nom	-26.56515582935	Nominal Dec [deg]
roll_nom	271.05147010267	Nominal Roll [deg]
revision	1	Processing version of data
ontime	45081.37722379	Sum of GTIs [s]
livetime	43590.579408035	Livetime [s]
ontime5	45081.336183786	Sum of GTIs [s]
ontime6	45081.295143783	Sum of GTIs [s]
ontime7	45081.37722379	Sum of GTIs [s]
ontime8	45081.25410378	Sum of GTIs [s]
l2events	4374759	Number of level 2 events

