

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 3433 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Oct 3 2012

See [axaff03433N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	60.379

## Comments

Phase constraint met. Roll constraint met.

===

Zeroth order piled up and somewhat extended. Standard data processing software did not correctly locate the zeroth order due to pileup. Manual intervention was used to input the correct sky coordinates (x=4153.81, y=4053.03) into the \*srcla.fits file table. These corrected coordinates were determined using a software tool developed by CXC called findzero, which is expected to be released in CIAO as tg\_findzo (currently in ISIS as findzo). The tool calculates the point of intersection of the readout streak and the meg arm. The zeroth order source position determined by the standard pipeline processing using the tool tgdetect was not used in this processing. The newly determined zeroth order coordinates have been placed in the \*srcla.fits file, replacing the coordinates determined by tgdetect. Note that these corrected coordinates of the zeroth order cannot be reproduced by running tgdetect on the data.

seq_num	400235	Sequence number
obs_id	3433	Observation id
title	PROBING THE CIRCUMSTELLAR MATERIAL IN GX 301-2	Proposal title
observer	Prof. Masao Sako	Principal investigator
object	GX 301-2	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	186.656667	Observer's specified target RA [deg]
dec_targ	-62.770278	Observer's specified target Dec [deg]
ra_nom	186.67359523003	Nominal RA [deg]
dec_nom	-62.764435960224	Nominal Dec [deg]
roll_nom	47.193144571096	Nominal Roll [deg]
revision	3	Processing version of data
ontime	60378.888977855	Sum of GTIs [s]
livetime	59032.937991646	Livetime [s]
ontime4	60378.930017859	Sum of GTIs [s]
ontime5	60378.847937852	Sum of GTIs [s]
ontime6	60378.806897864	Sum of GTIs [s]
ontime7	60378.888977855	Sum of GTIs [s]
ontime8	60378.76585786	Sum of GTIs [s]
ontime9	60378.724817857	Sum of GTIs [s]
l2events	729154	Number of level 2 events

