

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 2734 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Sep 30 2012

See axaff02734N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	60.377

## Comments

Due to a pointing error, the intended target, GX 301-2, was placed off the detector. There are no zeroth order events on the detector. Small segments of the dispersed spectral arms from the source GX 301.2 are visible very near the edge of the CCD subarray (HEG minus order 6-15A, MEG plus order 12-30A), and some third HEG events are present at longer wavelengths. The spectral data have been extracted using the zeroth order position as the position provided by the user. The observation of this target was repeated as obsid 3433. There is a bright X-ray source on chip S2, AX J1227.2-6239. The HETG spectral arms from this source are faint but present.

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A CCD bias map was incomplete because of data gaps in telemetry. Bias map for chip 7 was reconstructed using scaled data from a comparable bias map for another observation to fill the data gaps.

seq_num	400214	Sequence number
obs_id	2734	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	186.77134728297	Nominal RA [deg]
dec_nom	-62.766897973915	Nominal Dec [deg]
roll_nom	83.393200328523	Nominal Roll [deg]
revision	3	Processing version of data
ontime	60375.599900052	Sum of GTIs [s]
livetime	59029.722233137	Livetime [s]
ontime4	60371.917899802	Sum of GTIs [s]
ontime5	60373.758909881	Sum of GTIs [s]
ontime6	60375.599900052	Sum of GTIs [s]
ontime7	60375.599900052	Sum of GTIs [s]
ontime8	60375.599900052	Sum of GTIs [s]
ontime9	60368.23592943	Sum of GTIs [s]
l2events	351456	Number of level 2 events

