

V&V Summary Report

L2 ASCDS Version : 7.6.8.1

Observation 3354 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Dec 13 2006

See axaff03354N001_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.214

Comments

Charge time for this ObsId remains at original value of 35.214 ks, although with the current processing the charge time would have been 17.92 ksec.

Zeroth order blocked by ACIS exclusion window. Standard data processing software did not correctly locate the zeroth order due to a window. Manual intervention was used to input the correct sky coordinates (x=4124.72; y=4029.00) into the *src1a.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. The tool calculates the point of intersection of the readout streak and the meg arm (preferred position), or the readout streak and the heg arm. The zeroth order source position determined by the standard pipeline processing using the tool tgdetect was not used in this processing. The *evt1a.fits file has the corrected coordinates, which were used to produce the extracted spectral data. Note that these corrected coordinates of the zeroth order cannot be reproduced by running tgdetect on the data.

seq_num	900193
obs_id	3354
title	PROBING THE INTERSTELLAR MEDIUM: X-RAY ABSORPTION AT IRON AND OXYGEN WITH GX 349+2
observer	Prof. Claude Canizares
object	GX 349+2
dtcycle	0
cycle	P
ra_targ	256.435417
dec_targ	-36.422778
ra_nom	256.44019210155
dec_nom	-36.413856025788
roll_nom	76.860856825891
revision	3
ontime	17923.8745763
livetime	17446.537315352
ontime4	31171.930384576
ontime5	35214.0
ontime6	15498.294571936
ontime7	17923.8745763
ontime8	24138.762533158
ontime9	34685.433244646
l2events	4899652

