

V&V Summary Report

L2 ASCDS Version : 8.4.3.1

Observation 6613 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 11 2012

See [axaff06613N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.1772998

Comments

Zeroth order piled up. Standard data processing software did not correctly locate the zeroth order due to pileup. Manual intervention was used to input the correct sky coordinates ($x=4077.52$, $y=4106.23$) 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 (currently in ISIS). 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 newly determined zeroth order coordinates have been placed in the `*src1a.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	400518	Sequence number
obs_id	6613	Observation id
title	INVESTIGATING NEW INTEGRAL SOURCES WITH CHANDRA	Proposal title
observer	Dr Adamantia Paizis	Principal investigator
object	IGR J17497-2821	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.4075	Observer's specified target RA [deg]
dec_targ	-28.355	Observer's specified target Dec [deg]
ra_nom	267.40553118945	Nominal RA [deg]
dec_nom	-28.356215225043	Nominal Dec [deg]
roll_nom	268.24568969462	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20177.29985857	Sum of GTIs [s]
livetime	19701.678169123	Livetime [s]
ontime4	20177.29985857	Sum of GTIs [s]
ontime5	20177.29985857	Sum of GTIs [s]
ontime6	20175.558848441	Sum of GTIs [s]
ontime7	20177.29985857	Sum of GTIs [s]
ontime8	20177.29985857	Sum of GTIs [s]
ontime9	20177.29985857	Sum of GTIs [s]
l2events	242126	Number of level 2 events

