

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2429 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 14 2012

See axaff02429N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.28

Comments

Charge time for this ObsId remains at previous value of 30.28 ks, although with the current processing the charge time would have been 30.318 ks.

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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=4109.46, y=4025.55) 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 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 *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	400163	Sequence number
obs_id	2429	Observation id
title	HIGH RESOLUTION SPECTROSCOPY OF THE POSSIBLE JETS IN GRS 1758-258	
observer	Dr. William Heindl	Principal investigator
object	GRS 1758-258	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	270.301667	Observer's specified target RA [deg]
dec_targ	-25.743306	Observer's specified target Dec [deg]
ra_nom	270.30359651971	Nominal RA [deg]
dec_nom	-25.733671211223	Nominal Dec [deg]
roll_nom	90.091759218992	Nominal Roll [deg]
revision	3	Processing version of data
ontime	30317.759072974	Sum of GTIs [s]
livetime	29603.10528423	Livetime [s]
ontime4	30319.500053138	Sum of GTIs [s]
ontime5	30317.759072974	Sum of GTIs [s]
ontime6	30317.759072974	Sum of GTIs [s]
ontime7	30317.759072974	Sum of GTIs [s]
ontime8	30319.500053138	Sum of GTIs [s]
ontime9	30317.759072974	Sum of GTIs [s]
l2events	510563	Number of level 2 events

