V&V Summary Report
L2 ASCDS Version : 10.3.3

Observation 16709 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 24 2015

See axaff16709N001_VV002_vvref2.pdf for the full report

V&V Scientist	Glenn Allen
V&V Date (YYYY-MM-DD)	2015.02.25
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	40.06375

Comments

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The chipy-dependent times, coordinates, and pulse heights of
continuous-clocking mode event data are based upon the assumption that
the
unknown chipy coordinates are at the projected instantaneous (dithered)
chipy location of the target source (i.e. at the location specified by
the
keywords ra_targ and dec_targ). Provided these coordinates are accurate,
the
times of arrival, coordinates, and pulse heights should be accurate
except
for events along the arms of the hetg spectrum. For such events, the
chipy
location of zeroth order is used instead of the order- and
grating-dependent
chipy location. The accuracy of the times and pulse heights of these
grating events decreases as the distance between the location of zeroth
order and the location of the dispersed photon increases. Changes to
acis_process_events and tg_resolve_events are being implemented to
address
the problem with continuous-clocking mode hetg data.
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seq_num	401631	Sequence number
obs_id	16709	Observation id
title	Wind-Triggered Disk Wind Spectroscopy of GRS 1915+105	Proposal tit
observer	Dr. Jon Miller	Principal investigator
object	GRS 1915+105	Source name
ra_targ	288.798333	Observer's specified target RA [deg]
dec_targ	10.945778	Observer's specified target Dec [deg]
ra_nom	288.79669309487	Nominal RA [deg]
dec_nom	10.950962878287	Nominal Dec [deg]
roll_nom	68.275858153431	Nominal Roll [deg]
revision	1	Processing version of data
ontime	40063.75	Sum of GTIs [s]
livetime	39907.250976562	Livetime [s]
ontime4	40063.75	Sum of GTIs [s]
ontime5	40063.75	Sum of GTIs [s]
ontime6	40063.75	Sum of GTIs [s]
ontime7	40063.75	Sum of GTIs [s]
ontime8	40063.75	Sum of GTIs [s]
ontime9	40063.75	Sum of GTIs [s]
l2events	10068311	Number of level 2 events