V&V Summary Report
L2 ASCDS Version : 8.5

Observation 4816 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Jul 9 2015

See axaff04816N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.163

Comments

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Because an aspect solution is determined in a finite time interval, a
small number of events registered within the delta time before the first
aspect solution do not have proper sky coordinates. We apply a manual
workaround to exclude those events with incorrect sky positions until
the complete s/w resolution is obtained.
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A warning from the software indicates out-of-sequence exposure records.
This appears to be due to a duplication of ACIS packets in the raw
telemetry. The duplicate data is filtered out in Level 2 data. There is
no problem with Level 2 data. The duplicate data could be removed by
special processing, removing major/minor frames 37653:119 - 37654:0 from
raw telemetry. Also, the ACIS team reported a BEP anomaly during this
observation with a missing BEP packet.
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seq_num	700899	Sequence number
obs_id	4816	Observation id
title	Testing jet models: the inner jet in the wide-angle tail radio galaxy 3C465	Proposal title
observer	Dr Martin Hardcastle	Principal investigator
object	3C465	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	354.6225	Observer's specified target RA [deg]
dec_targ	27.031417	Observer's specified target Dec [deg]
ra_nom	354.61348628116	Nominal RA [deg]
dec_nom	27.036838625647	Nominal Dec [deg]
roll_nom	156.04205495927	Nominal Roll [deg]
revision	4	Processing version of data
ontime	50162.643507898	Sum of GTIs [s]
livetime	49527.453911483	Livetime [s]
ontime2	50062.172442257	Sum of GTIs [s]
ontime3	50162.643507898	Sum of GTIs [s]
ontime5	50162.643507898	Sum of GTIs [s]
ontime6	50162.643507898	Sum of GTIs [s]
ontime7	50162.643507898	Sum of GTIs [s]
ontime8	50159.40252763	Sum of GTIs [s]
l2events	498072	Number of level 2 events