

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 4816 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 1 2020

See axaff04816N004_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.163

Comments

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.

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	Prof. Martin Hardcastle	Principal investigator
object	3C465	Source name
dtcycle	0	
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	354.617088531	Nominal RA [deg]
dec_nom	27.038494220416	Nominal Dec [deg]
roll_nom	156.0418326194	Nominal Roll [deg]
revision	5	Processing version of data
ontime	50163.199813128	Sum of GTIs [s]
livetime	49528.003172441	Livetime [s]
ontime2	50062.728747487	Sum of GTIs [s]
ontime3	50163.199813128	Sum of GTIs [s]
ontime5	50163.199813128	Sum of GTIs [s]
ontime6	50163.199813128	Sum of GTIs [s]
ontime7	50163.199813128	Sum of GTIs [s]
ontime8	50159.95883286	Sum of GTIs [s]
l2events	495907	Number of level 2 events

