

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 7928 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 14 2013

See [axaff07928N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.02.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.0483002

Comments

Charge time for this ObsId remains at previous value of 30.0483002 ks, although with the current processing the charge time would be 29.9677 ks.

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No ACIS housekeeping data were collected and downlinked for this observation, due to an unexpected shutdown of DPA side B. The only negative impact on the observation is the lack of an accurate focal plane temperature which is used for instrument calibration. In order to process the data, ACIS housekeeping files were constructed that assumed a focal plane temperature of -118.75 degrees C. This value was determined by interpolating between the FP temp values before the anomaly and after DPA side B was turned back on. Data for the analysis was obtained from MTA group in dataseeker. Details of workaround procedure are documented in log file for ACIS level 1 processing.

seq_num	800646	Sequence number
obs_id	7928	Observation id
title	A Complete Baryon Census in a Nearby Galaxy Group	Proposal title
observer	Dr. John Mulchaey	Principal investigator
object	NGC2563-P5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	125.09875	Observer's specified target RA [deg]
dec_targ	21.349417	Observer's specified target Dec [deg]
ra_nom	125.09780187089	Nominal RA [deg]
dec_nom	21.357431575191	Nominal Dec [deg]
roll_nom	78.977966709964	Nominal Roll [deg]
revision	2	Processing version of data
ontime	29967.700230479	Sum of GTIs [s]
livetime	29576.150165068	Livetime [s]
ontime0	29967.700230479	Sum of GTIs [s]
ontime1	29967.700230479	Sum of GTIs [s]
ontime2	29958.277399182	Sum of GTIs [s]
ontime3	29967.700230479	Sum of GTIs [s]
ontime6	29964.559240103	Sum of GTIs [s]
l2events	101938	Number of level 2 events

