

V&V Summary Report

L2 ASCDS Version : 7.6.7.2

Observation 5168 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : May 31 2006

See [axaff05168N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.3776258

Comments

Window constraint met.

Due to a commanding error the wrong fid lights used here and thus fid lights have status of 'BAD'. This, in turn, leads to 0 good time for L2 purposes, and produces L2 evt files with 0 events and no GTIs. L1 data products are unaffected by this and are OK. This error is deemed to not adversely effect the goal and usability of this observation. The Charge Time is therefore taken from the L1 ontime rather than the normal L2 GTI.

The keywords DTCOR, EXPOSURE, and LIVETIME in the Level 2 event file and the keyword DTCOR in the Level 1 event file have been incorrectly determined due to a software bug. The correct value of DTCOR can be found in the file DTFSTATS file that can be obtained by downloading the Secondary Data Products. In most cases, the difference between the correct DTCOR value and the incorrect DTCOR value in the Level 2 event file is very small and does not affect the data analysis. However, there are cases of significant differences and the user is advised to use the DTCOR in the DTFSTATS file for analysis. Corrected data products will be made available in the archive as soon as

feasible.

seq_num	590366
obs_id	5168
title	AO5A Observations of the Standard Candles Cas A and G21.5-09
observer	Dr. CXC Calibration
object	G21.5-09
ra_targ	278.389583
dec_targ	-10.568528
ra_nom	278.38944616049
dec_nom	-10.563918637104
roll_nom	92.767313333391
revision	2
ontime	0.0
livetime	0.0
l2events	0

