

V&V Summary Report

L2 ASCDS Version : 8.5

Observation 4175 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Dec 8 2012

See [axaff04175N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	63.73

Comments

This dataset is composed of two obi's. The 2 obi's have been combined in the Level 2 event file. Obi=0 was interrupted by safing of the science instruments onboard Chandra due to high solar radiation environment. The observation was interrupted at 2003:149:21:47:28. This observation (obi=0) had a very high background due to the level of radiation before the instrument safing occurred. Most of the time interval is not included in the GTI because of the high background. However, the small amount of time included in the GTI also has a very high background. These 2 obi's (obi=0 and obi=1) should be analyzed separately, starting with level 1 data because of the marked difference in background level. The combined level 2 event file provided with this processing is unlikely to give an accurate analysis.

seq_num	800331	Sequence number
obs_id	4175	Observation id
title	SURVEYING THE FORNAX CLUSTER OF GALAXIES	Proposal title
observer	Dr Caleb Scharf	Principal investigator
object	FORNAX CLUSTER	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	54.87713	Observer's specified target RA [deg]
dec_targ	-35.75612	Observer's specified target Dec [deg]
ra_nom	54.872340888494	Nominal RA [deg]
dec_nom	-35.7536204831	Nominal Dec [deg]
roll_nom	170.20588675852	Nominal Roll [deg]
revision	5	Processing version of data
ontime	63727.652879506	Sum of GTIs [s]
livetime	62895.00417902	Livetime [s]
ontime0	69993.768455327	Sum of GTIs [s]
ontime1	66802.585658789	Sum of GTIs [s]
ontime2	62543.460591763	Sum of GTIs [s]
ontime3	63727.652879506	Sum of GTIs [s]
ontime6	62979.933260709	Sum of GTIs [s]
l2events	381354	Number of level 2 events

