

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4462 - L2 Version 4
Chandra X-Ray Center

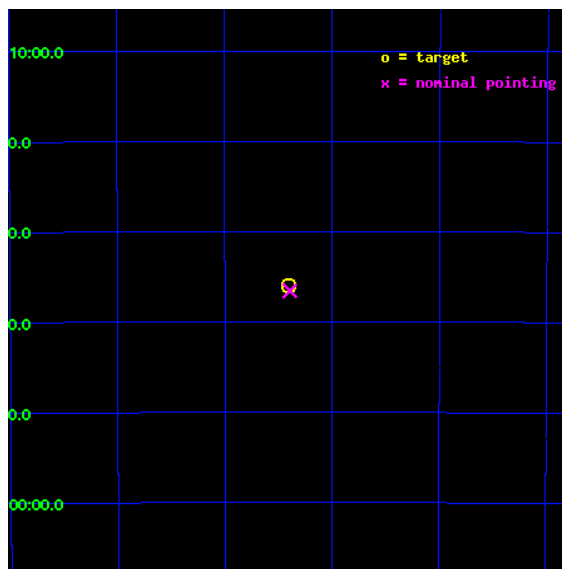
L2 Processing Date : Nov 12 2012

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1 Front

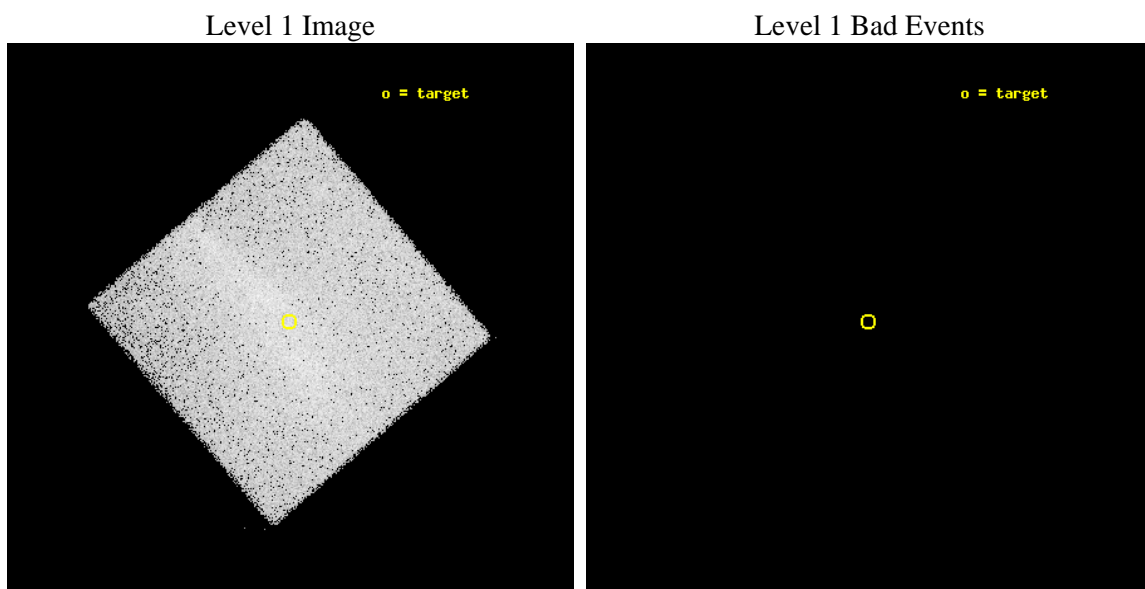
seq_num	100045	Sequence number
obs_id	4462	Observation id
title	A Search for Soft X-Ray Auroras on Earth	Proposal title
observer	Dr. Ronald Elsner	Principal investigator
object	EARTH	Source name
ra_targ	74.1	Observer's specified target RA [deg]
dec_targ	-36.6	Observer's specified target Dec [deg]
ra_nom	74.098312564121	Nominal RA [deg]
dec_nom	-36.609055957566	Nominal Dec [deg]
roll_nom	274.10579050766	Nominal Roll [deg]
revision	4	Processing version of data
ontime	0.0	[s]
livetime	0.0	Ontime multiplied by DTCOR
l2events	0	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1633.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	0.0	[s]
caldbver	4.5.2	 	l1events	185794	Number of level 1 events
date	2012-11-12T20:30:18	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

	segment 0
level 1 events	185794
rejected events	0
rejected %	0%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	74.09831002898197	74.09831256412076
[deg] Pointing Dec	-36.60902825443208	-36.60905595756637
[deg] Pointing Roll	274.1057889890139	274.1057905076563
[s] Window start time (MET)	194788264.184000	194788264.184000
[s] Window stop time (MET)	194790364.184000	194790364.184000
[mm] SIM focus pos	-1.0388663562	-1.0388663562
[mm] SIM defocus	0.00142623215544524	0.00142623215544524
[mm] SIM translation stage pos	126.98297999	126.98297999
[mm] SIM translation stage offset	0.002514315287797331	0.002514315287797331
[s] Observation start time (MET)	194789089.099794	194789089.099794
Observation start date	2004-03-04T12:03:00	2004-03-04T12:04:49
[s] Observation end time (MET)	194790751.649867	194790751.649867
Observation end date	2004-03-04T12:30:13	2004-03-04T12:32:31

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.479

A.2 Comments

Because the OBC aspect solution was used, there are no L2 events and consequently no GTIs. Charge time is taken from the L1 ontime instead. Window constraint was exceeded by seven minutes at the end of the observation.