

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 4465 - L2 Version 3
Chandra X-Ray Center

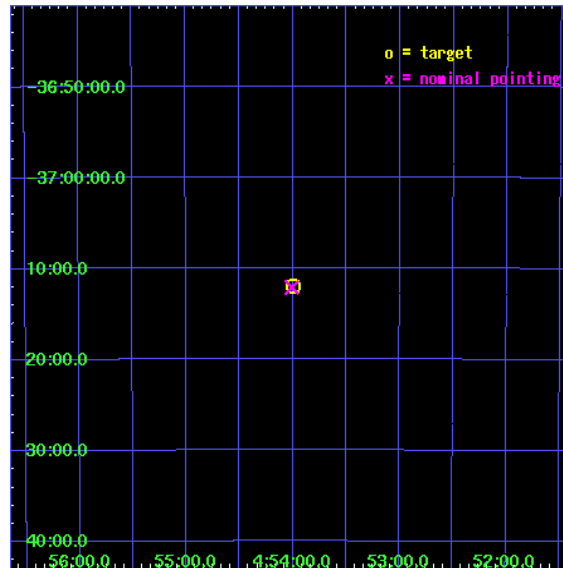
L2 Processing Date : Feb 5 2009

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1 Front

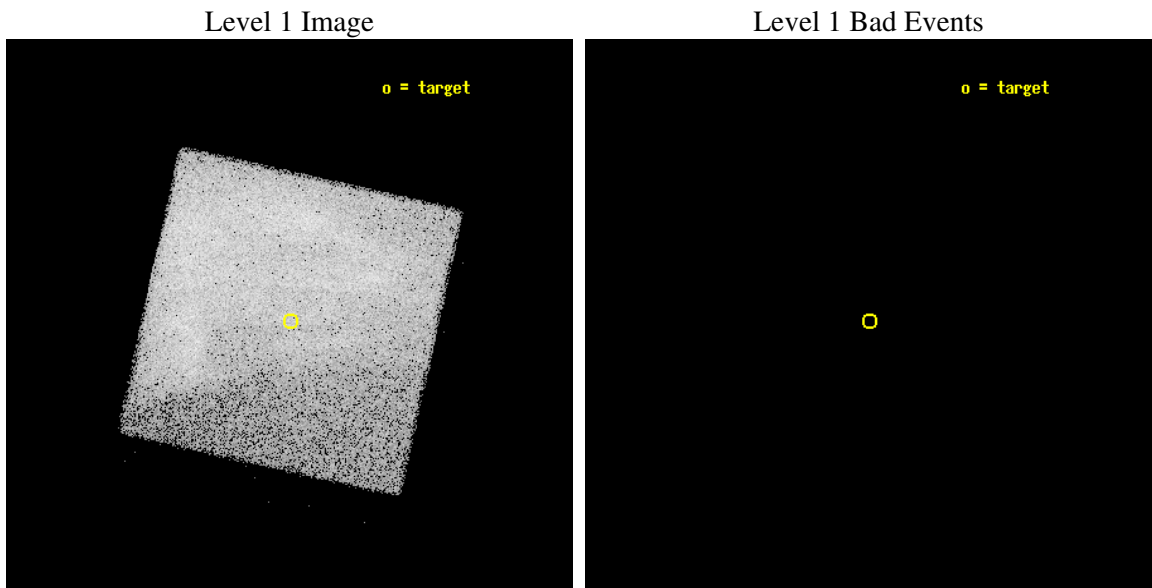
seq_num	100048
obs_id	4465
title	A Search for Soft X-Ray Auroras on Earth
observer	Dr. Ronald Elsner
object	EARTH
ra_targ	73.5
dec_targ	-37.2
ra_nom	73.501914257854
dec_nom	-37.201683719436
roll_nom	237.31171522384
revision	3
ontime	0.0
livedtime	0.0
l2events	0



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.10
caldbver	3.5.1
date	2009-02-05T05:09:04
revision	3

sched_exp_time	1200.000000
ontime	0.0
l1events	200760

2.1.3 Events

Level 1 Events

	segment 0
level 1 events	200760
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
Pointing RA	73.50191425785351	73.50191425785351
Pointing Dec	-37.20168371943607	-37.20168371943607
Pointing Roll	237.3117152238419	237.3117152238419
Window start time	198215164.184000	198215164.184000
Window stop time	198217864.184000	198217864.184000
SIM focus pos (mm)	-1.0388663562	-1.0388663562
SIM defocus (mm)	0.00142623215544524	0.00142623215544524
SIM translation stage pos (mm)	126.98297999	126.98297999
SIM translation stage offset (mm)	0.002514315287797331	0.002514315287797331
Observation start time	198215180.450566	198215180.450566
Observation start date	2004-04-13T03:45:00	2004-04-13T03:46:20
Observation end time	198216438.125621	198216438.125621
Observation end date	2004-04-13T04:05:00	2004-04-13T04:07:18

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE

2.3 Star Slots

2.4 FID Slots

3 Point Sources

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2009.02.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.18

A.2 Comments

Because the OBC aspect solution was used and the Mission Time Line constraints were violated (earth angle constraint), there are no L2 events and consequently no OnTime or GTI. Charge Time is set to the L1 time.

This obsid was reprocessed to correct minor errors in parameters used in processing. Some of these parameters cannot be determined automatically for this observation and were derived from spacecraft telemetry.