

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 4457 - L2 Version 3
Chandra X-Ray Center

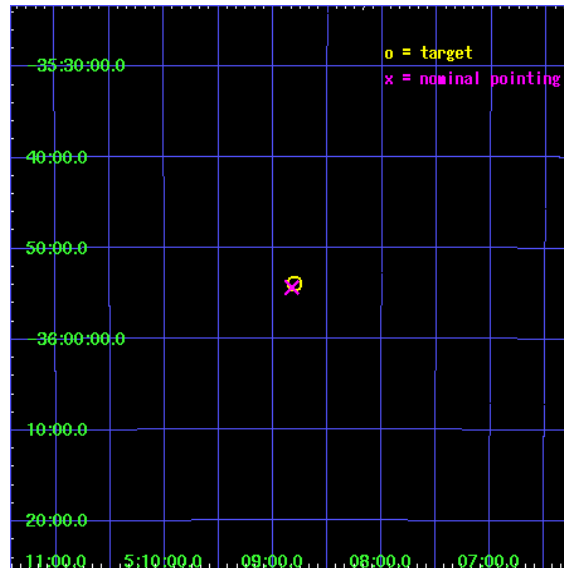
L2 Processing Date : Feb 4 2009

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1 Front

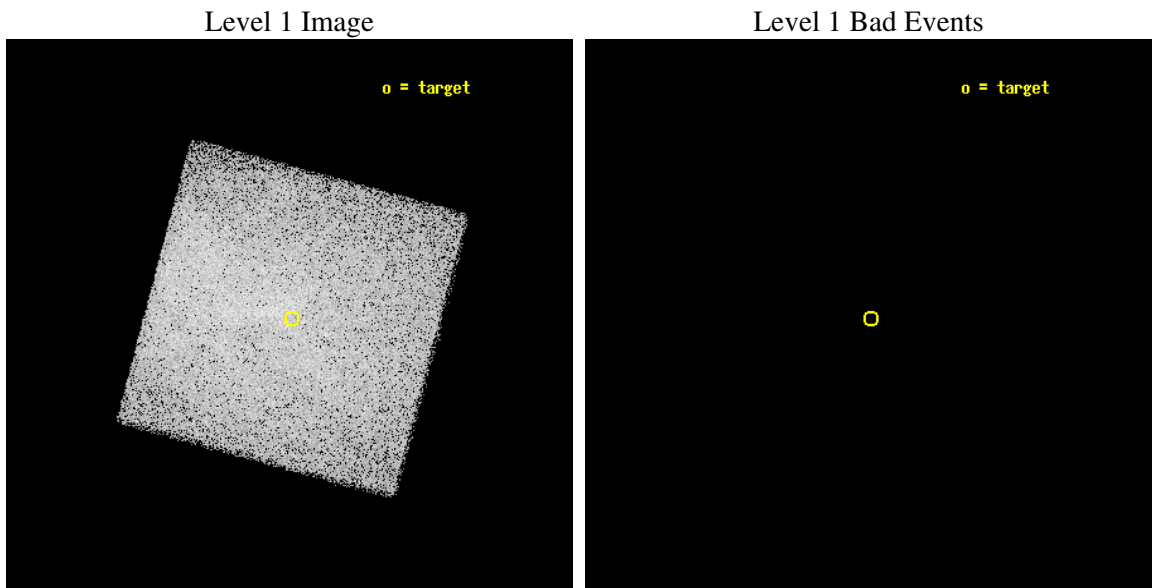
seq_num	100040
obs_id	4457
title	A Search for Soft X-Ray Auroras on Earth
observer	Dr. Ronald Elsner
object	EARTH
ra_targ	77.2
dec_targ	-35.9
ra_nom	77.206951304771
dec_nom	-35.906014811562
roll_nom	329.83776432199
revision	3
ontime	0.0
livetime	0.0
l2events	0



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	2009-02-05T02:46:21
revision	3

sched_exp_time	1200.000000
ontime	0.0
l1events	148339

2.1.3 Events

Level 1 Events

	segment 0
level 1 events	148339
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	77.20695130477124	77.20695130477124
Pointing Dec	-35.90601481156155	-35.90601481156155
Pointing Roll	329.8377643219943	329.8377643219943
Window start time	189762364.184000	189762364.184000
Window stop time	189765064.184000	189765064.184000
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	189763046.184	189763046.184
Observation start date	2004-01-06T07:56:00	2004-01-06T07:57:26
Observation end time	189764299.184	189764299.184
Observation end date	2004-01-06T08:16:00	2004-01-06T08:18:19

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	1.2

A.2 Comments

Charge time is based on Level 1 events because the OBC aspect solution was used. Consequently, there are no Level 2 events and no GTI. Window constraint satisfied.

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.