

# V&V Reference Report

## L2 ASCDS Version : 7.6.11.10

Observation 4464 - L2 Version 3  
Chandra X-Ray Center

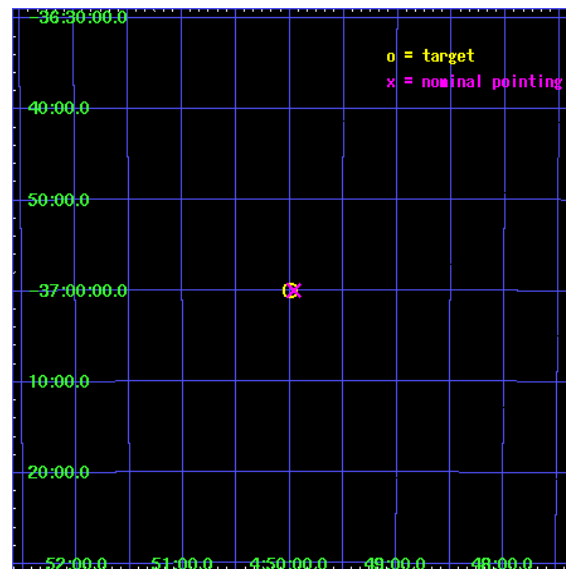
L2 Processing Date : Feb 4 2009

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# 1 Front

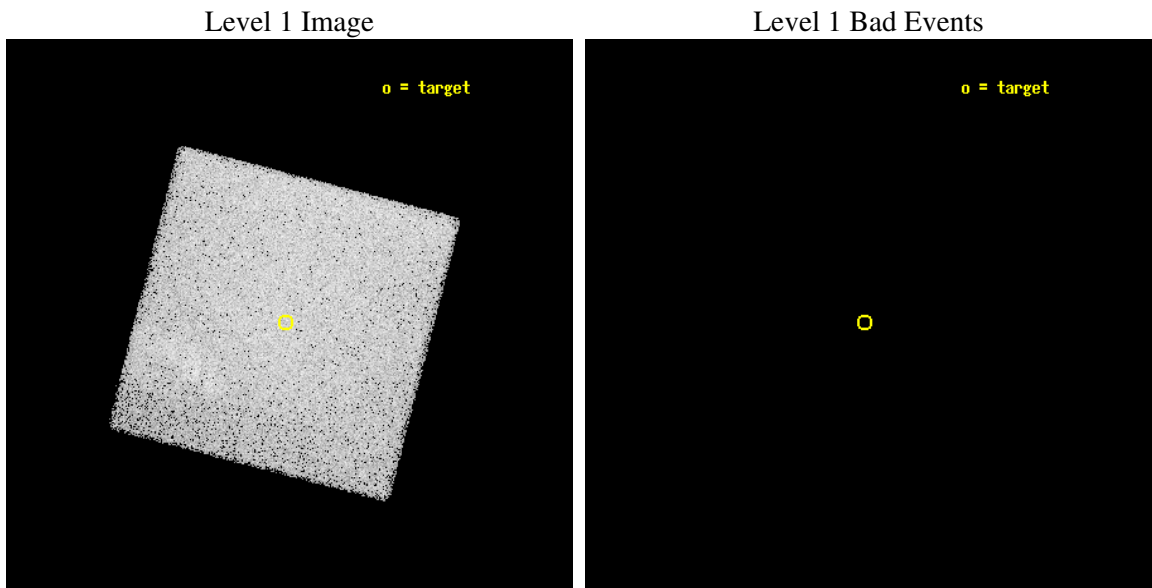
seq_num	100047
obs_id	4464
title	A Search for Soft X-Ray Auroras on Earth
observer	Dr. Ronald Elsner
object	EARTH
ra_targ	72.5
dec_targ	-37.0
ra_nom	72.49048421287
dec_nom	-37.000091120498
roll_nom	239.22796942281
revision	3
ontime	0.0
livetime	0.0
l2events	0



## 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	2009-02-05T04:02:08
revision	3

sched_exp_time	1200.000000
ontime	0.0
l1events	196056

### 2.1.3 Events

#### Level 1 Events

	<b>segment 0</b>
level 1 events	196056
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	72.49048421286979	72.49048421286979
Pointing Dec	-37.0000911204983	-37.0000911204983
Pointing Roll	239.2279694228139	239.2279694228139
Window start time	197986264.184000	197986264.184000
Window stop time	197988664.184000	197988664.184000
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	197987298.184	197987298.184
Observation start date	2004-04-10T12:27:14	2004-04-10T12:28:18
Observation end time	197988498.184	197988498.184
Observation end date	2004-04-10T12:47:14	2004-04-10T12:48:18

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	1.2

## A.2 Comments

Due to a violation of the earth angle constraint, there are no L2 events, and therefore 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.