

# V&V Reference Report

## L2 ASCDS Version : 7.6.11.10

Observation 4460 - L2 Version 3  
Chandra X-Ray Center

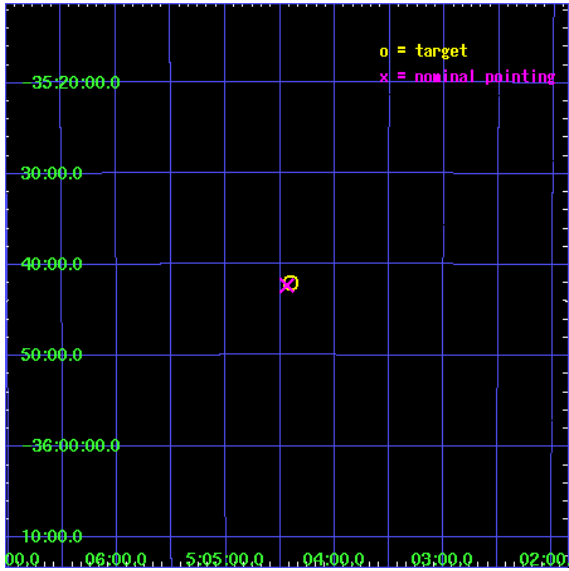
L2 Processing Date : Feb 4 2009

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# 1 Front

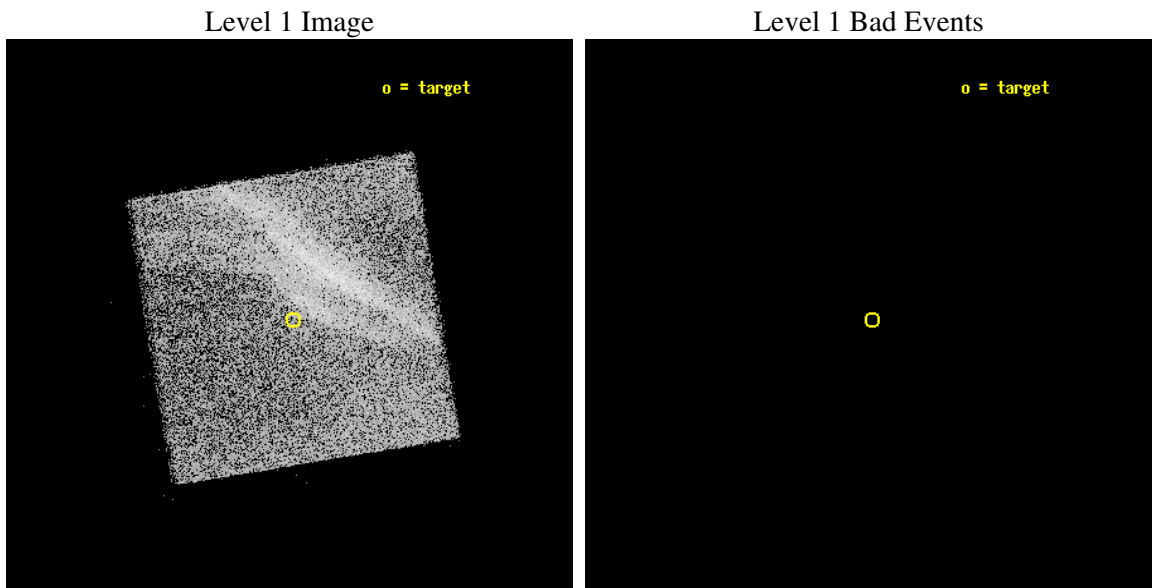
seq_num	100043
obs_id	4460
title	A Search for Soft X-Ray Auroras on Earth
observer	Dr. Ronald Elsner
object	EARTH
ra_targ	76.1
dec_targ	-35.7
ra_nom	76.109293746026
dec_nom	-35.70576440857
roll_nom	305.37371836849
revision	3
ontime	0.0
livetime	0.0
l2events	0



## 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	2009-02-05T03:58:56
revision	3

sched_exp_time	1200.000000
ontime	0.0
l1events	90446

### 2.1.3 Events

#### Level 1 Events

	<b>segment 0</b>
level 1 events	90446
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	76.10929374602551	76.10929374602551
Pointing Dec	-35.70576440856975	-35.70576440856975
Pointing Roll	305.3737183684945	305.3737183684945
Window start time	191818564.184000	191818564.184000
Window stop time	191821264.184000	191821264.184000
SIM focus pos (mm)	-1.0388663562	-1.0388663562
SIM defocus (mm)	0.00142623215544524	0.00142623215544524
SIM translation stage pos (mm)	126.9804656747	126.9804656747
SIM translation stage offset (mm)	0.005028630587801786	0.005028630587801786
Observation start time	191819180.169862	191819180.169862
Observation start date	2004-01-30T03:05:00	2004-01-30T03:06:20
Observation end time	191820410.919917	191820410.919917
Observation end date	2004-01-30T03:25:00	2004-01-30T03:26:50

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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.02.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.178

## A.2 Comments

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.

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.