

# V&V Reference Report

## L2 ASCDS Version : 7.6.11.10

Observation 4461 - L2 Version 3  
Chandra X-Ray Center

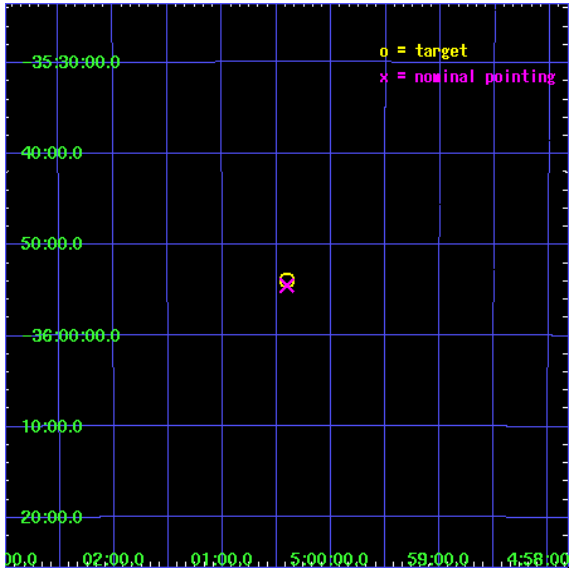
L2 Processing Date : Feb 4 2009

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# 1 Front

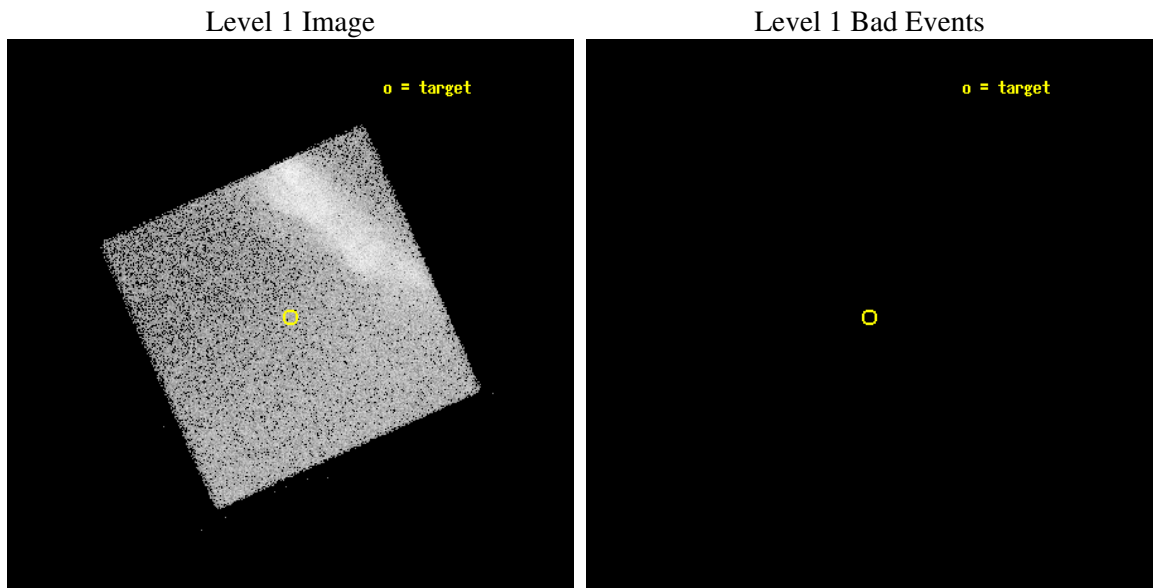
seq_num	100044
obs_id	4461
title	A Search for Soft X-Ray Auroras on Earth
observer	Dr. Ronald Elsner
object	EARTH
ra_targ	75.1
dec_targ	-35.9
ra_nom	75.101328247347
dec_nom	-35.909086187448
roll_nom	290.6069063625
revision	3
ontime	0.0
livetime	0.0
l2events	0



## 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	2009-02-05T03:57:07
revision	3

sched_exp_time	1200.000000
ontime	0.0
l1events	162484

### 2.1.3 Events

#### Level 1 Events

	<b>segment 0</b>
level 1 events	162484
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	75.10132824734679	75.10132824734679
Pointing Dec	-35.90908618744771	-35.90908618744771
Pointing Roll	290.6069063625001	290.6069063625001
Window start time	193189264.184000	193189264.184000
Window stop time	193191964.184000	193191964.184000
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	193190285.82981	193190285.82981
Observation start date	2004-02-14T23:56:21	2004-02-14T23:58:05
Observation end time	193191519.929864	193191519.929864
Observation end date	2004-02-15T00:16:21	2004-02-15T00:18:39

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	1.148

## 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.