

# V&V Reference Report

## L2 ASCDS Version : 7.6.11.10

Observation 4458 - L2 Version 3  
Chandra X-Ray Center

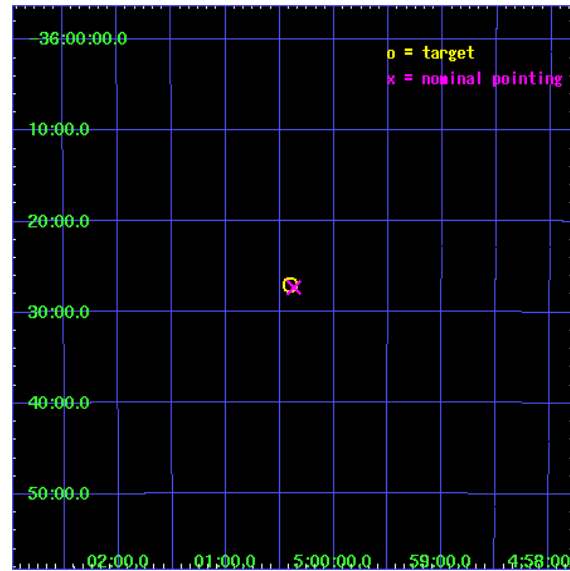
L2 Processing Date : Feb 10 2009

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# 1 Front

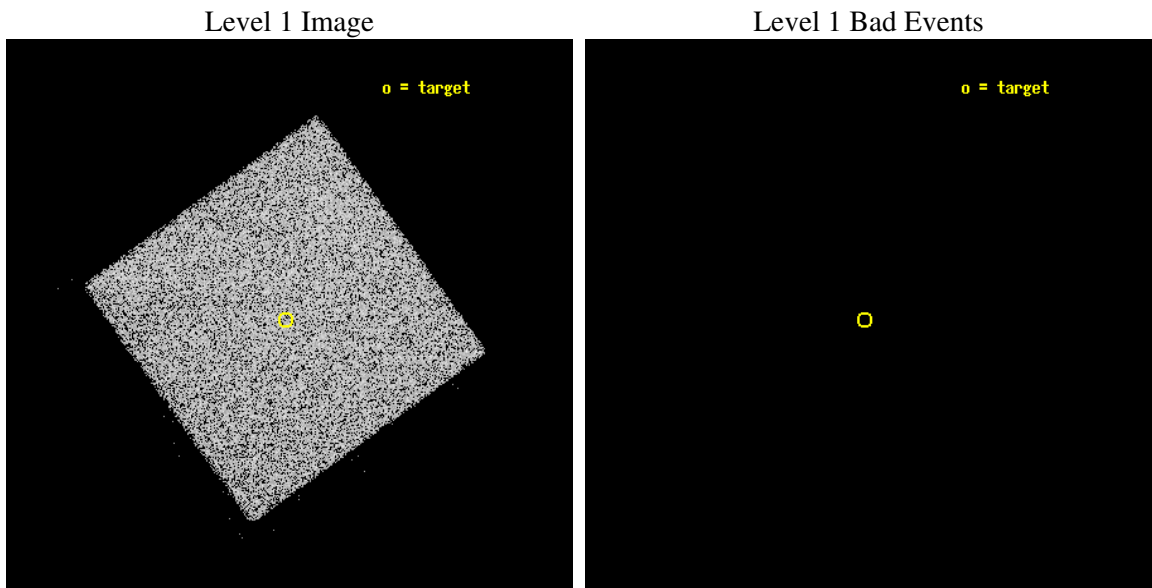
seq_num	100041
obs_id	4458
title	A Search for Soft X-Ray Auroras on Earth
observer	Dr. Ronald Elsner
object	EARTH
ra_targ	75.1
dec_targ	-36.45
ra_nom	75.092471808799
dec_nom	-36.455593824307
roll_nom	279.24973801899
revision	3
ontime	0.0
livetime	0.0
l2events	0



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	1
ascdsver	7.6.11.10
caldbver	3.5.1
date	2009-02-10T17:24:48
revision	3

sched_exp_time	1200.000000
ontime	0.0
l1events	86376

### 2.1.3 Events

#### Level 1 Events

	<b>segment 0</b>
level 1 events	86376
rejected events	0
rejected %	0%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	75.09247180879908	75.09247180879908			
Pointing Dec	-36.45559382430653	-36.45559382430653			
Pointing Roll	279.2497380189947	279.2497380189947			
Window start time	194331664.184000	194331664.184000			
Window stop time	194334064.184000	194334064.184000			
SIM focus pos (mm)	-1.0388663562	-1.0388663562			
SIM defocus (mm)	0.00142623215544524	0.00142623215544524			
SIM translation stage pos (mm)	126.9854943053	126.9854943053			
SIM translation stage offset (mm)	-1.219291334564332e-11	-1.219291334564332e-11			
Observation start time	194331693.079754	194331693.079754			
Observation start date	2004-02-28T05:00:00	2004-02-28T05:01:33			
Observation end time	194332938.454809	194332938.454809			
Observation end date	2004-02-28T05:20:00	2004-02-28T05:22:18			

## **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)	2009.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.245

## 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.