

# V&V Reference Report

## L2 ASCDS Version : 7.6.11.10

Observation 4463 - L2 Version 3  
Chandra X-Ray Center

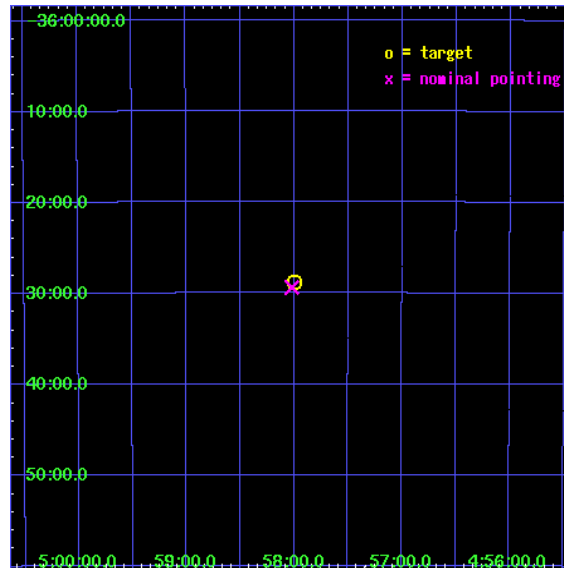
L2 Processing Date : Feb 4 2009

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# 1 Front

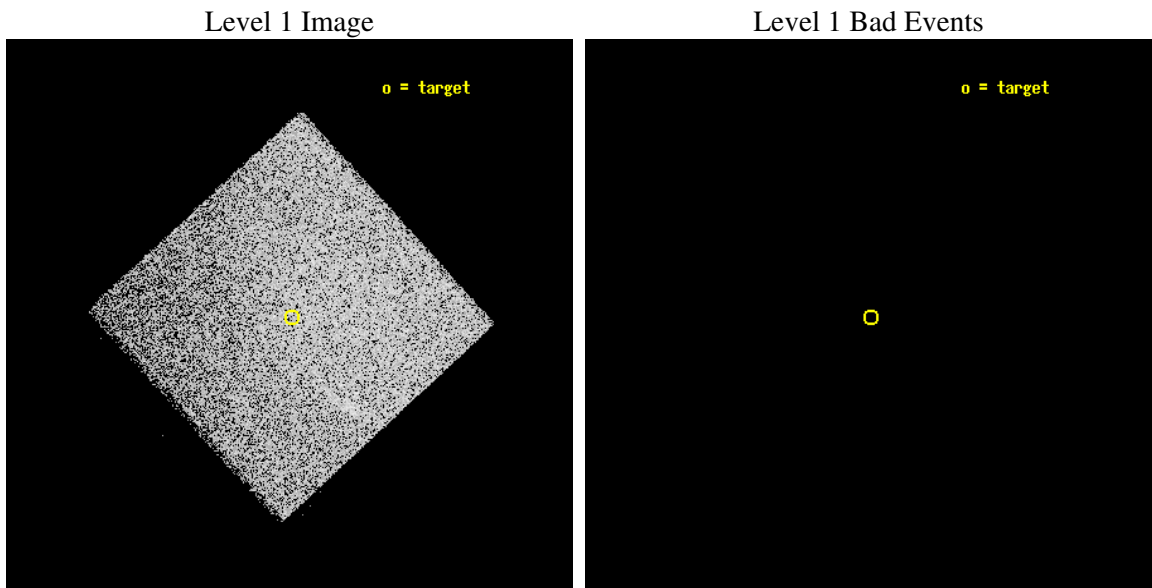
seq_num	100046
obs_id	4463
title	A Search for Soft X-Ray Auroras on Earth
observer	Dr. Ronald Elsner
object	EARTH
ra_targ	74.5
dec_targ	-36.48
ra_nom	74.504975639019
dec_nom	-36.489652582151
roll_nom	272.07828868622
revision	3
ontime	0.0
livetime	0.0
l2events	0



## 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	2009-02-05T03:56:31
revision	3

sched_exp_time	1200.000000
ontime	0.0
l1events	88529

### 2.1.3 Events

#### Level 1 Events

	<b>segment 0</b>
level 1 events	88529
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	74.50497563901887	74.50497563901887
Pointing Dec	-36.48965258215115	-36.48965258215115
Pointing Roll	272.0782886862215	272.0782886862215
Window start time	195016564.184000	195016564.184000
Window stop time	195019264.184000	195019264.184000
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	195017541.109816	195017541.109816
Observation start date	2004-03-07T03:31:00	2004-03-07T03:32:21
Observation end time	195018798.784871	195018798.784871
Observation end date	2004-03-07T03:51:00	2004-03-07T03:53:18

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	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	1.245

## 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 assigned based on L1 ontime.