

# V&V Reference Report

## L2 ASCDS Version : 7.6.11.10

Observation 4410 - L2 Version 3  
Chandra X-Ray Center

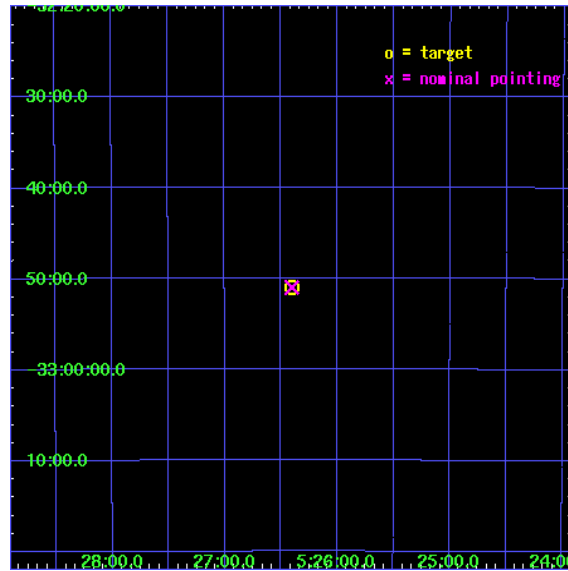
L2 Processing Date : Feb 4 2009

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# 1 Front

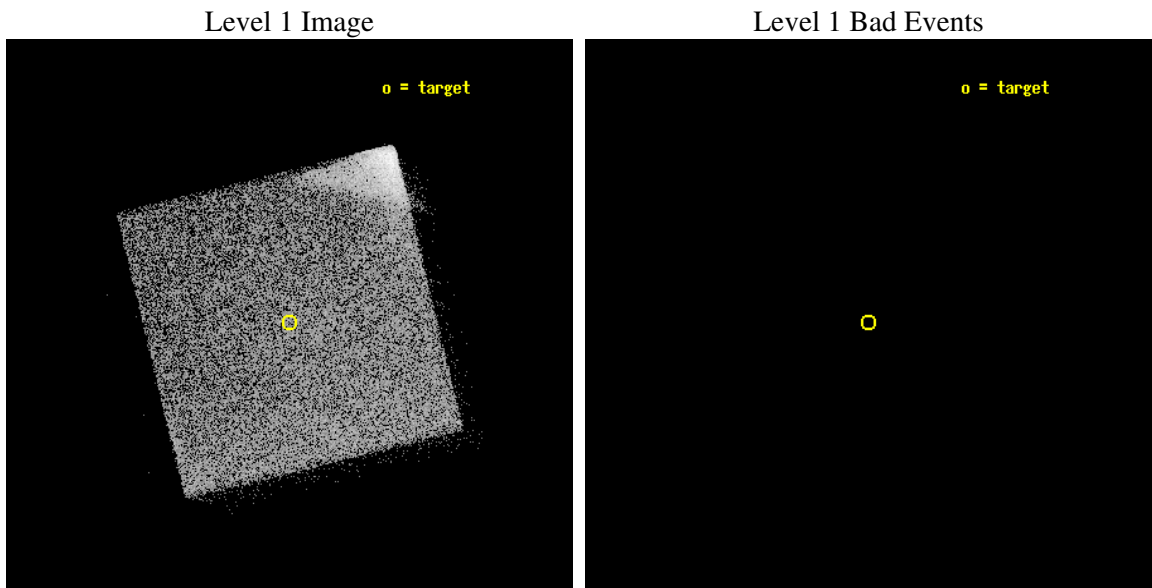
seq_num	100038
obs_id	4410
title	A SEARCH FOR SOFT X-RAY AURORAS ON EARTH
observer	DR. G. GLADSTONE
object	EARTH
ra_targ	81.6
dec_targ	-32.85
ra_nom	81.600797075309
dec_nom	-32.849578282503
roll_nom	300.99707524129
revision	3
ontime	0.0
livetime	0.0
l2events	0



## 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	2009-02-04T23:21:58
revision	3

sched_exp_time	1006.000000
ontime	0.0
l1events	77949

### 2.1.3 Events

#### Level 1 Events

	<b>segment 0</b>
level 1 events	77949
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	81.60079707530879	81.60079707530879
Pointing Dec	-32.84957828250297	-32.84957828250297
Pointing Roll	300.9970752412851	300.9970752412851
SIM focus pos (mm)	-1.038866356238299	-1.038866356238299
SIM defocus (mm)	0.00142623211714632	0.00142623211714632
SIM translation stage pos (mm)	126.9829799899862	126.9829799899862
SIM translation stage offset (mm)	0.002514315301596071	0.002514315301596071
Observation start time	160968259.4010971	160968259.4010971
Observation start date	2003-02-07T01:23:43	2003-02-07T01:24:19
Observation end time	160969368.4511437	160969368.4511437
Observation end date	2003-02-07T01:40:29	2003-02-07T01:42:48

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	1.116

## A.2 Comments

Charge time is based on Level 1 events because the OBC aspect solution was used. Consequently, there are no Level 2 events and no GTI.

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.