

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 4459 - L2 Version 4
Chandra X-Ray Center

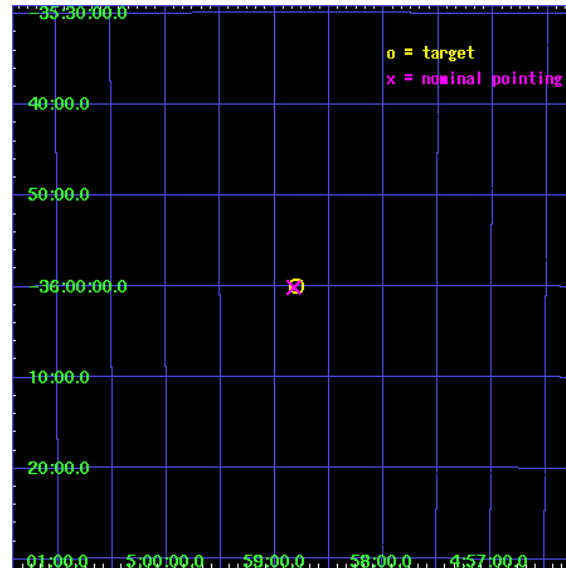
L2 Processing Date : Feb 4 2009

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1 Front

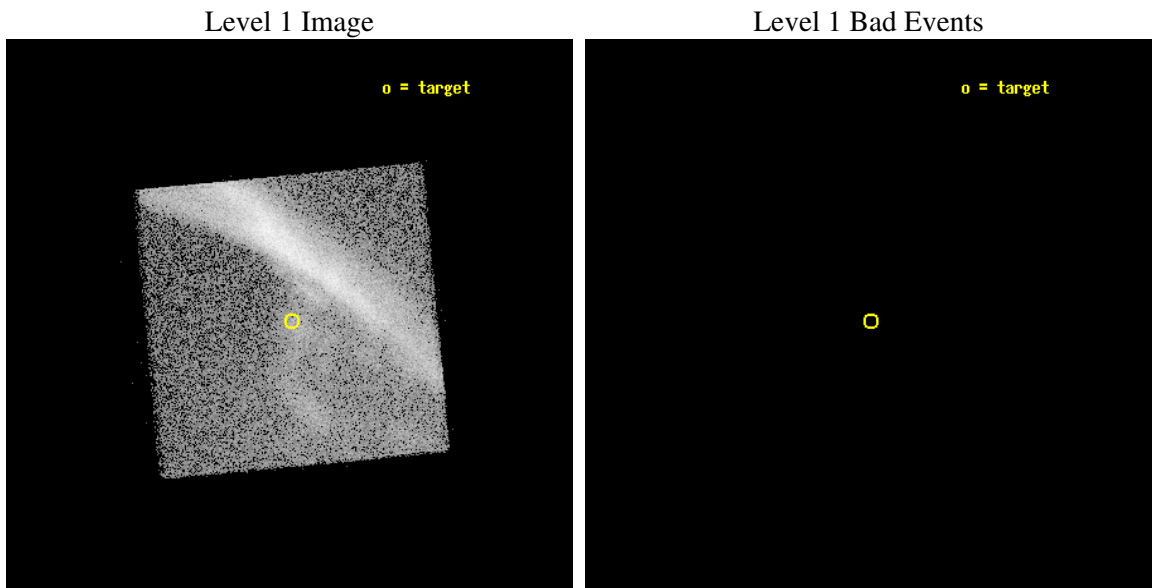
seq_num	100042
obs_id	4459
title	A Search for Soft X-Ray Auroras on Earth
observer	Dr. Ronald Elsner
object	EARTH
ra_targ	74.7
dec_targ	-36.0
ra_nom	74.705445574696
dec_nom	-36.002906212221
roll_nom	309.34953862788
revision	4
ontime	0.0
livedtime	0.0
l2events	0



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	2009-02-05T02:44:32
revision	4

sched_exp_time	1200.000000
ontime	0.0
l1events	177581

2.1.3 Events

Level 1 Events

	segment 0
level 1 events	177581
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	74.70544557469591	74.70544557469591
Pointing Dec	-36.00290621222052	-36.00290621222052
Pointing Roll	309.3495386278776	309.3495386278776
Window start time	191361664.184000	191361664.184000
Window stop time	191364364.184000	191364364.184000
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	191361685.749885	191361685.749885
Observation start date	2004-01-24T20:00:00	2004-01-24T20:01:25
Observation end time	191362939.32494	191362939.32494
Observation end date	2004-01-24T20:20:00	2004-01-24T20:22:19

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	1.18

A.2 Comments

Because the OBC aspect solution was used, there are no L2 events and consequently no Good Time. Charge Time is taken from the L1 GTI instead.

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.