

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4463 - L2 Version 4
Chandra X-Ray Center

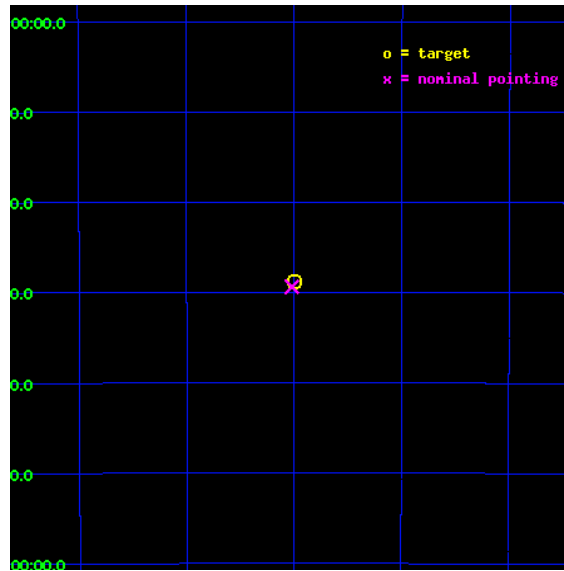
L2 Processing Date : Nov 12 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Star Slots	6
2.4	FID Slots	6
A	Summary	7
A.1	Status	7
A.2	Comments	7

1 Front

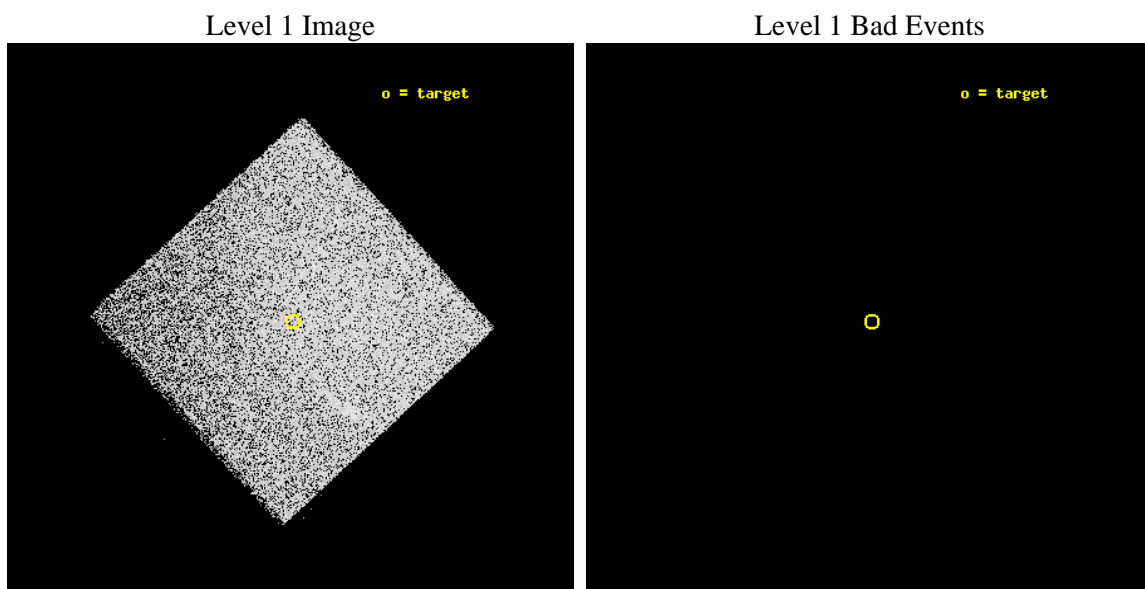
seq_num	100046	Sequence number
obs_id	4463	Observation id
title	A Search for Soft X-Ray Auroras on Earth	Proposal title
observer	Dr. Ronald Elsner	Principal investigator
object	EARTH	Source name
ra_targ	74.5	Observer's specified target RA [deg]
dec_targ	-36.48	Observer's specified target Dec [deg]
ra_nom	74.504976949558	Nominal RA [deg]
dec_nom	-36.489680339941	Nominal Dec [deg]
roll_nom	272.07828947238	Nominal Roll [deg]
revision	4	Processing version of data
ontime	0.0	[s]
livetime	0.0	Ontime multiplied by DTCOR
l2events	0	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1200.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	0.0	[s]
caldbver	4.5.2	 	l1events	88529	Number of level 1 events
date	2012-11-12T20:52:14	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

	segment 0
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
[deg] Pointing RA	74.50497563901887	74.50497694955843
[deg] Pointing Dec	-36.48965258215115	-36.48968033994073
[deg] Pointing Roll	272.0782886862215	272.0782894723787
[s] Window start time (MET)	195016564.184000	195016564.184000
[s] Window stop time (MET)	195019264.184000	195019264.184000
[mm] SIM focus pos	-1.0388663562	-1.0388663562
[mm] SIM defocus	0.00142623215544524	0.00142623215544524
[mm] SIM translation stage pos	126.98297999	126.98297999
[mm] SIM translation stage offset	0.002514315287797331	0.002514315287797331
[s] Observation start time (MET)	195017541.109816	195017541.109816
Observation start date	2004-03-07T03:31:00	2004-03-07T03:32:21
[s] Observation end time (MET)	195018798.784871	195018798.784871
Observation end date	2004-03-07T03:51:00	2004-03-07T03:53:18

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.245

A.2 Comments

Because the OBC aspect solution was used, there are no L2 events and consequently no GTIs. Charge time is assigned based on L1 ontime. Window constraint met.