

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 59900 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 4 2009

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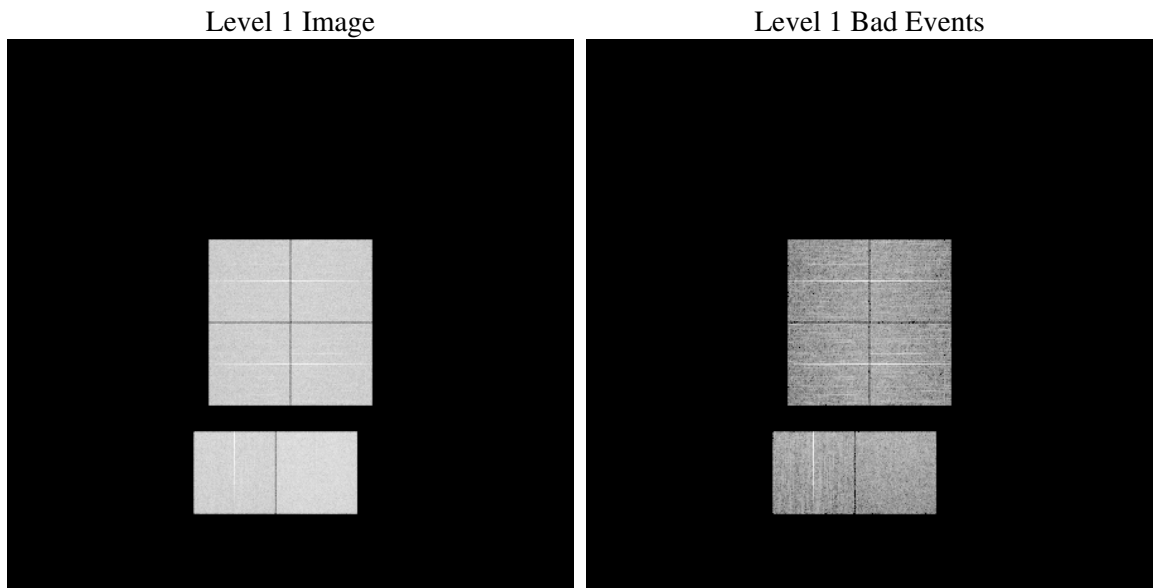
1 Front

seq_num	
obs_id	59900
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	111.01406005535
dec_nom	24.693059317419
roll_nom	90.877988954114
revision	3
ontime	8227.1999693513
livetime	8123.0222095143
ontime0	6885.4356195331
ontime1	7073.4120572805
ontime2	6626.1571974158
ontime3	6836.8215031922
ontime6	7254.9073399901
ontime7	8227.1999693513
l2events	1111655

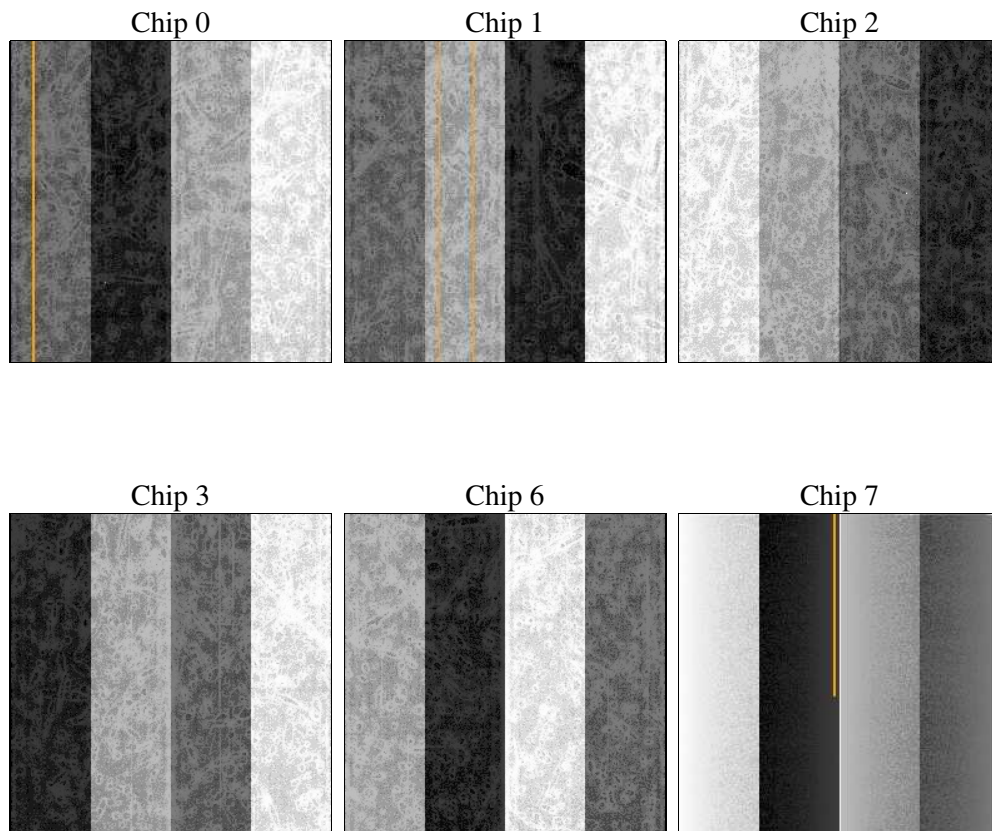
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.10
caldsver	3.5.1
date	2009-02-04T14:44:11
revision	3

sched_exp_time	960
ontime	8227.1999693513
ontime0	6885.4356195331
ontime1	7073.4120572805
ontime2	6626.1571974158
ontime3	6836.8215031922
ontime6	7254.9073399901
ontime7	8227.1999693513
l1events	1496199

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	230115	238822	230224	239972	257893	299173
rejected events	50452	52859	53872	57790	58472	55248
rejected %	21%	22%	23%	24%	22%	18%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	99205	102100	99314	102808	108516	57894
	43%	42%	43%	42%	42%	19%
grade 1 events	590	580	640	683	580	226
	0%	0%	0%	0%	0%	0%
grade 2 events	31612	33537	30014	31323	34939	53573
	13%	14%	13%	13%	13%	17%
grade 3 events	11957	11829	11541	11890	12449	24200
	5%	4%	5%	4%	4%	8%
grade 4 events	11708	12141	11746	11877	12429	24330
	5%	5%	5%	4%	4%	8%
grade 5 events	3151	3274	2898	3380	3652	9509
	1%	1%	1%	1%	1%	3%
grade 6 events	26466	27622	25070	25479	32618	85570
	11%	11%	10%	10%	12%	28%
grade 7 events	45426	47739	49001	52532	52710	43871
	19%	19%	21%	21%	20%	14%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
Pointing RA	111.0140600553456	111.0140600553456	Subarray requested	NONE	NONE
Pointing Dec	24.69305931741915	24.69305931741915	Alternating exposures requested	N	N
Pointing Roll	90.87798895411369	90.87798895411369	Primary exposure time	3.2	3.2
SIM focus pos (mm)	-0.78090834371673	-0.78090834371673			
SIM defocus (mm)	0.7524282194390134	0.7524282194390134			
SIM translation stage pos (mm)	250.4660330802	250.4660330802			
SIM translation stage offset (mm)	-0.01005726120527584	-0.01005726120527584			
Observation start time	220282208.608057	220282208.608057			
Observation start date	2004-12-24T13:37:00	2004-12-24T13:30:08			
Observation end time	220291255.521774	220291255.521774			
Observation end date	2004-12-24T13:53:00	2004-12-24T16:00:55			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

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	8.22719996

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.