

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 59832 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 4 2009

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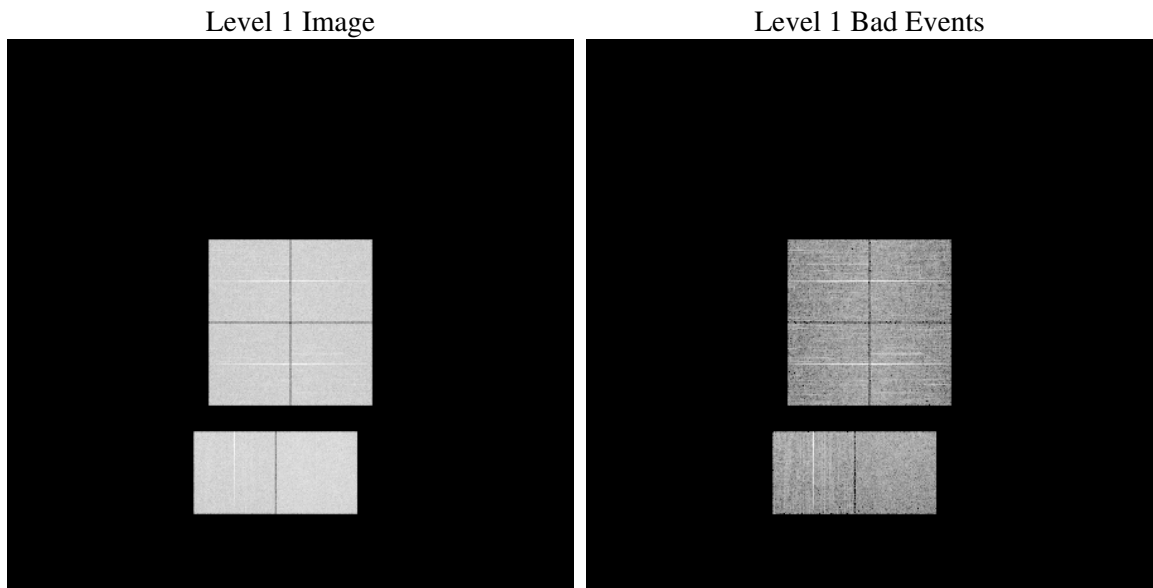
1 Front

seq_num	
obs_id	59832
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	79.894805687075
dec_nom	35.173854113941
roll_nom	249.98381488883
revision	3
ontime	7964.7999703288
livetime	7863.9448772777
ontime0	7024.9199540913
ontime1	7174.669583261
ontime2	6775.3650631309
ontime3	6921.2086764276
ontime6	7319.8474029601
ontime7	7964.7999703288
l2events	1093813

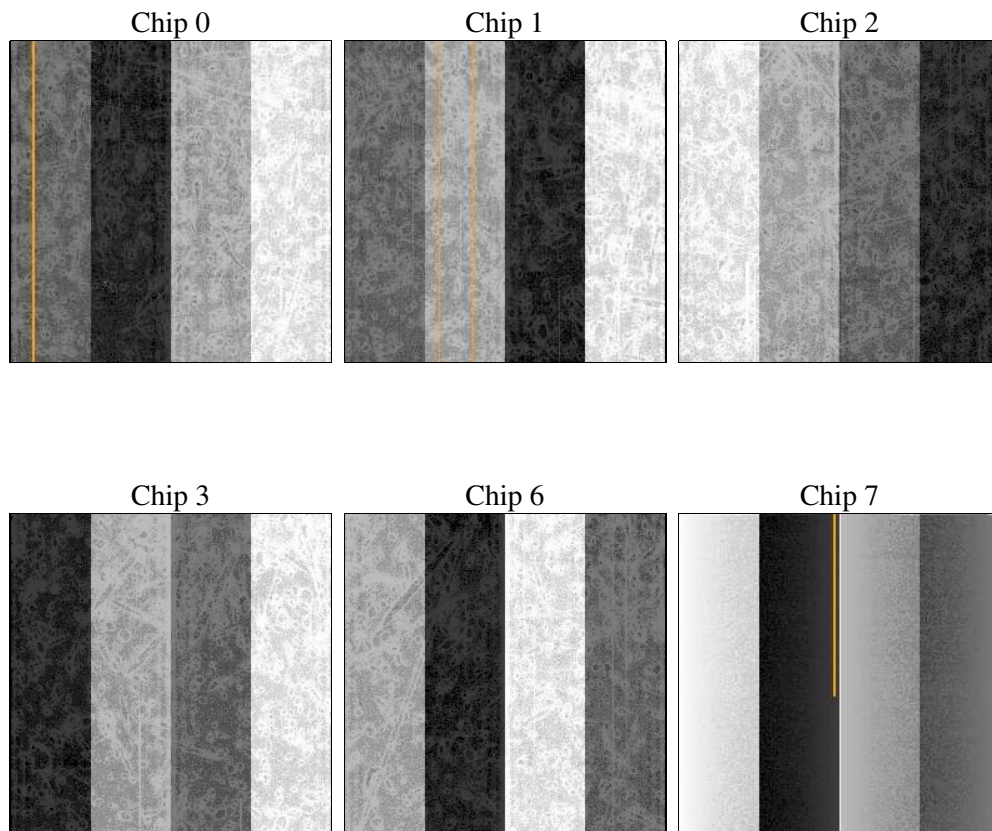
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.10
caldbver	3.5.1
date	2009-02-04T12:39:20
revision	3

sched_exp_time	3600
ontime	7964.7999703288
ontime0	7024.9199540913
ontime1	7174.669583261
ontime2	6775.3650631309
ontime3	6921.2086764276
ontime6	7319.8474029601
ontime7	7964.7999703288
l1events	1455211

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	230415	234178	226153	232200	253713	278552
rejected events	49437	48965	49357	51883	55812	50106
rejected %	21%	20%	21%	22%	21%	17%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	101030	102536	100287	102622	108417	55490
	43%	43%	44%	44%	42%	19%
grade 1 events	553	557	644	611	522	158
	0%	0%	0%	0%	0%	0%
grade 2 events	31950	33594	30162	31268	34777	50635
	13%	14%	13%	13%	13%	18%
grade 3 events	11874	12005	11684	11854	12508	22664
	5%	5%	5%	5%	4%	8%
grade 4 events	11958	11975	11902	11769	12520	22914
	5%	5%	5%	5%	4%	8%
grade 5 events	2988	3029	2812	3144	3334	8409
	1%	1%	1%	1%	1%	3%
grade 6 events	26544	27442	25139	25068	32331	79609
	11%	11%	11%	10%	12%	28%
grade 7 events	43518	43040	43523	45864	49304	38673
	18%	18%	19%	19%	19%	13%

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	79.89480568707546	79.89480568707546	Subarray requested	NONE	NONE
Pointing Dec	35.17385411394137	35.17385411394137	Alternating exposures requested	N	N
Pointing Roll	249.983814888834	249.983814888834	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	223017267.481358	223017267.481358			
Observation start date	2005-01-25T05:46:00	2005-01-25T05:14:27			
Observation end time	223030603.715509	223030603.715509			
Observation end date	2005-01-25T06:46:00	2005-01-25T08:56:43			
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	7.96479997

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.