

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 59536 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 4 2009

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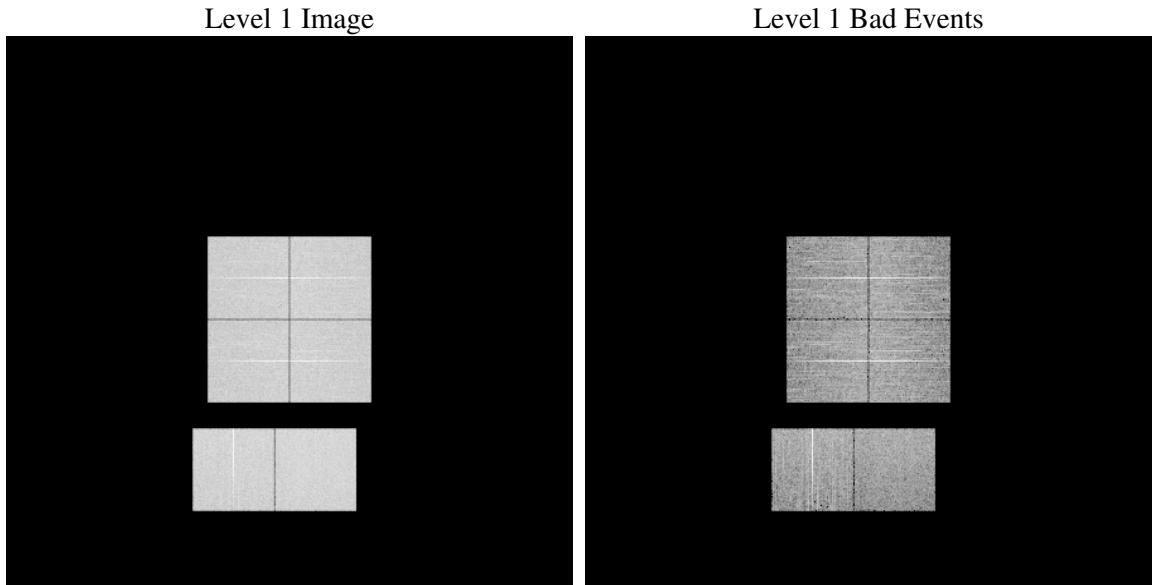
1 Front

seq_num	
obs_id	59536
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	288.64066237976
dec_nom	-45.498176138858
roll_nom	330.62502695891
revision	3
ontime	7779.1999710202
livetime	7680.6950569153
ontime0	7432.4160984457
ontime1	7542.6087107956
ontime2	7160.1746132374
ontime3	7293.232927531
ontime6	7694.9346932769
ontime7	7779.1999710202
l2events	1020524

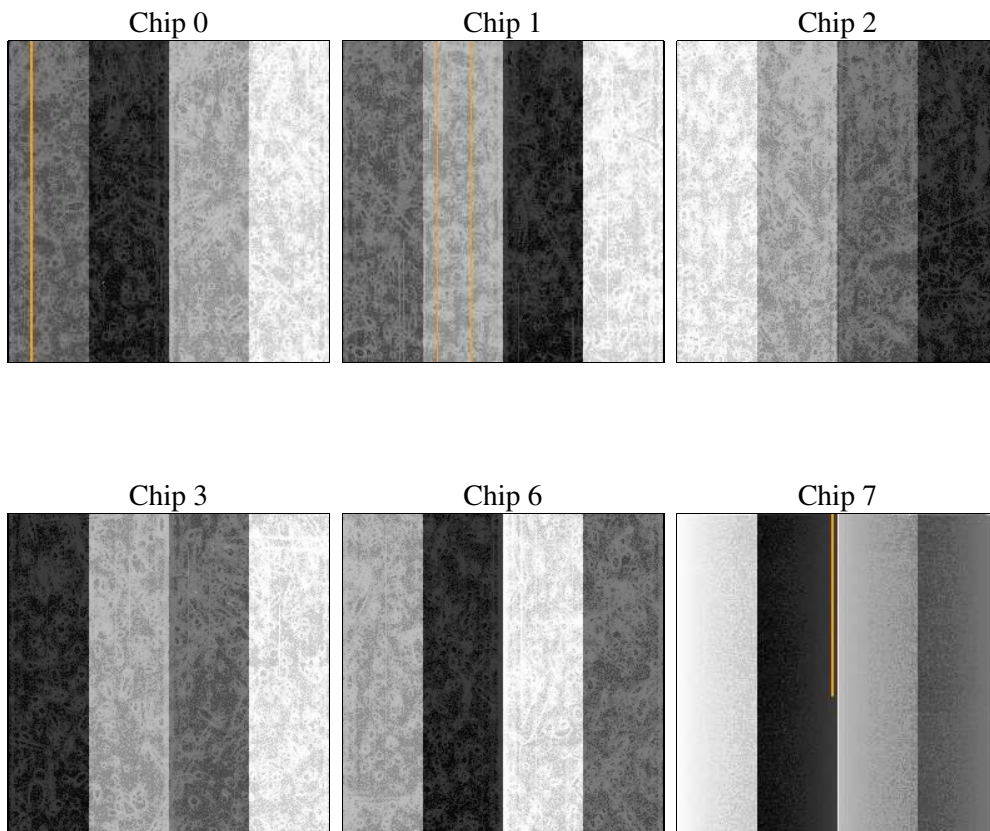
2 OBI

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	2009-02-04T12:37:42
revision	3

sched_exp_time	6600
ontime	7779.1999710202
ontime0	7432.4160984457
ontime1	7542.6087107956
ontime2	7160.1746132374
ontime3	7293.232927531
ontime6	7694.9346932769
ontime7	7779.1999710202
l1events	1401821

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	224378	228599	222383	226278	246076	254107
rejected events	53045	54902	55052	56360	59215	50067
rejected %	23%	24%	24%	24%	24%	19%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	94220	94935	93594	95198	101091	48056
	41%	41%	42%	42%	41%	18%
grade 1 events	606	491	662	597	526	171
	0%	0%	0%	0%	0%	0%
grade 2 events	30158	31359	28436	29170	32766	45230
	13%	13%	12%	12%	13%	17%
grade 3 events	11203	11140	10892	11125	11935	20171
	4%	4%	4%	4%	4%	7%
grade 4 events	11151	11071	11001	11238	11880	20310
	4%	4%	4%	4%	4%	7%
grade 5 events	3216	3400	2964	3544	3682	8702
	1%	1%	1%	1%	1%	3%
grade 6 events	25038	25826	23921	23819	29804	70964
	11%	11%	10%	10%	12%	27%
grade 7 events	48786	50377	50913	51587	54392	40503
	21%	22%	22%	22%	22%	15%

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	288.6406623797561	288.6406623797561	Subarray requested	NONE	NONE
Pointing Dec	-45.498176138858	-45.498176138858	Alternating exposures requested	N	N
Pointing Roll	330.6250269589107	330.6250269589107	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	238508507.285986	238508507.285986			
Observation start date	2005-07-23T12:50:00	2005-07-23T12:21:47			
Observation end time	238518024.572262	238518024.572262			
Observation end date	2005-07-23T14:40:00	2005-07-23T15:00:24			
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	7.77919997

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.