

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 60117 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 28 2006

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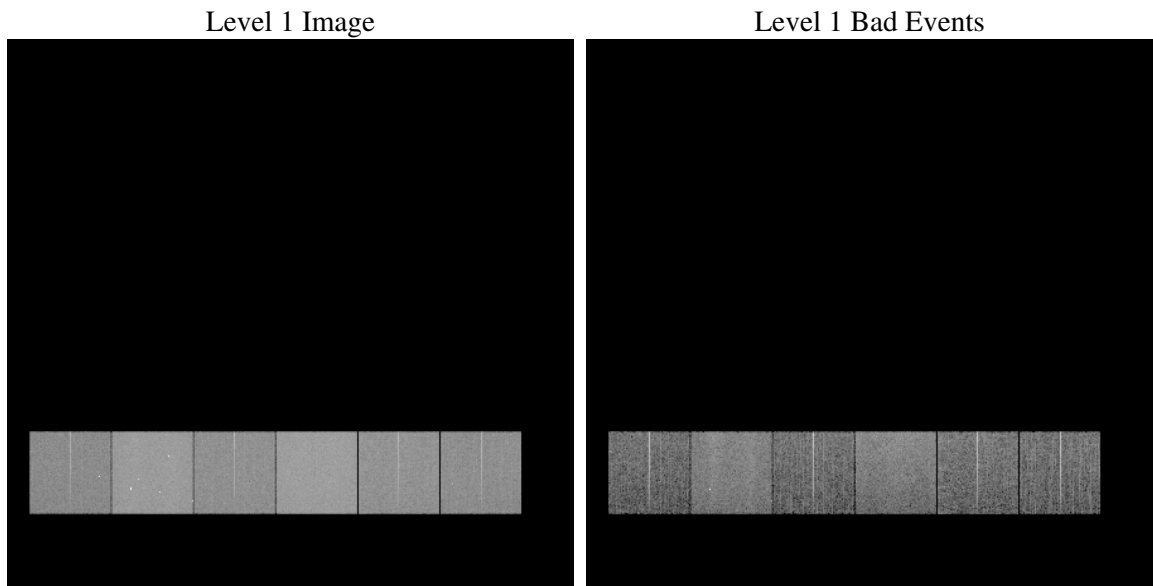
1 Front

seq_num	
obs_id	60117
title	ACIS-456789 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	0.076137490306729
dec_nom	0.11581214046688
roll_nom	113.53939154585
revision	2
ontime	8175.999969542
livetime	8072.4705349315
ontime4	5285.0564857423
ontime5	8175.999969542
ontime6	5764.7203433514
ontime7	8175.999969542
ontime8	5939.7334157526
ontime9	5570.2631348073
l2events	1099053

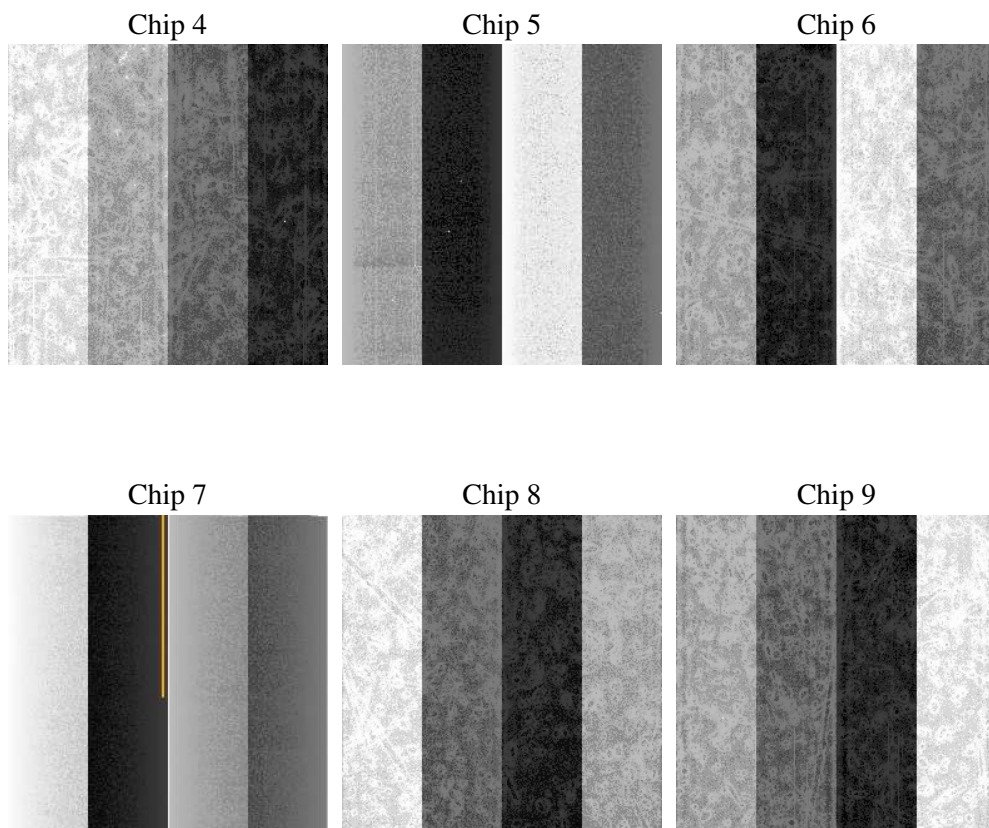
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.2
caldsver	3.2.1
date	2006-04-28T11:30:15
revision	2

sched_exp_time	0.0
ontime	8277.5159678757
ontime4	5344.4398404658
ontime5	8280.7569779754
ontime6	5833.826638788
ontime7	8277.5159678757
ontime8	6008.8396913409
ontime9	5636.1284998059
l1events	1497858

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	195455	303251	225073	319804	240427	213848
rejected events	44905	72314	47740	68889	52184	48668
rejected %	22%	23%	21%	21%	21%	22%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	90114	23699	94934	39455	103781	92384
	46%	7%	42%	12%	43%	43%
grade 1 events	755	194	457	82	510	543
	0%	0%	0%	0%	0%	0%
grade 2 events	22274	107943	33518	79541	33035	27842
	11%	35%	14%	24%	13%	13%
grade 3 events	10051	7242	10594	16807	12126	10496
	5%	2%	4%	5%	5%	4%
grade 4 events	10248	6478	10542	16160	12133	10648
	5%	2%	4%	5%	5%	4%
grade 5 events	2563	6500	2785	7164	3444	2942
	1%	2%	1%	2%	1%	1%
grade 6 events	19491	88467	29864	102142	29240	25671
	9%	29%	13%	31%	12%	12%
grade 7 events	39959	62728	42379	58453	46158	43322
	20%	20%	18%	18%	19%	20%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
Pointing RA	0	0.07613749030672862	Alternating exposures requested	N	N
Pointing Dec	0	0.1158121404668771	Primary exposure time	3.2	3.2
Pointing Roll	0.0	113.539391545847			
SIM focus pos (mm)	-0.684267	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	207254853.675325	207254852.65032			
Observation start date	2004-07-26T18:47:34	2004-07-26T18:47:32			
Observation end time	207266384.925838	207266383.90083			
Observation end date	2004-07-26T21:59:45	2004-07-26T21:59:43			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.17599996

A.2 Comments

The ACIS focal plane temperature is above calibration limits for the entire observation.