

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59617 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Mar 10 2006

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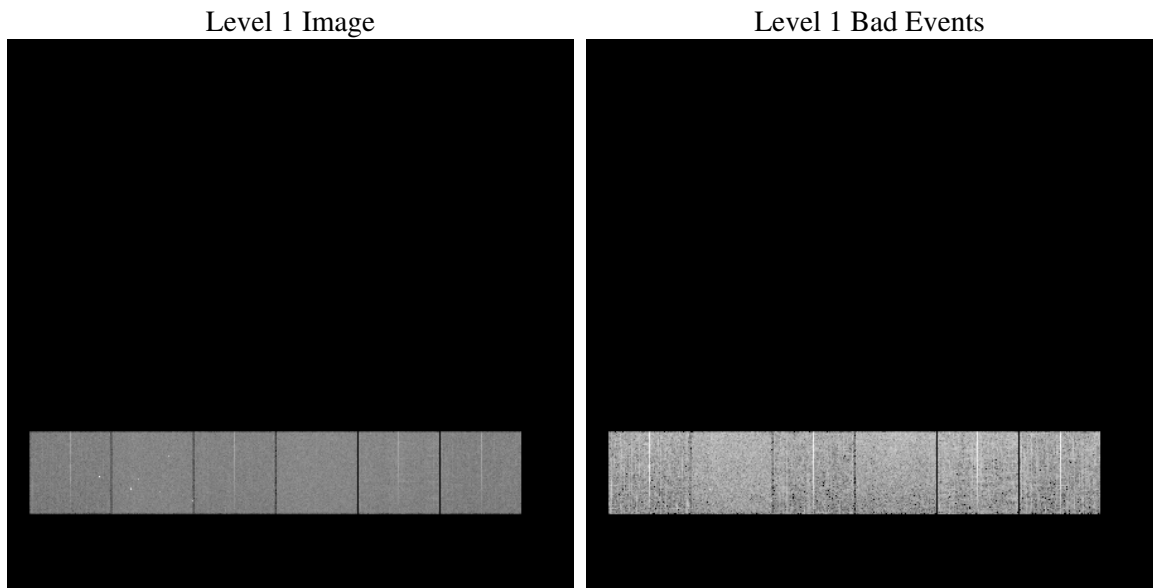
1 Front

seq_num	
obs_id	59617
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	241.03593127995
dec_nom	-41.009159058814
roll_nom	308.50994154904
revision	2
ontime	5353.5999800563
livetime	5285.8094735579
ontime4	4588.7290185094
ontime5	5353.5999800563
ontime6	4941.995492816
ontime7	5353.5999800563
ontime8	5095.6950085759
ontime9	4809.1154400408
l2events	694021

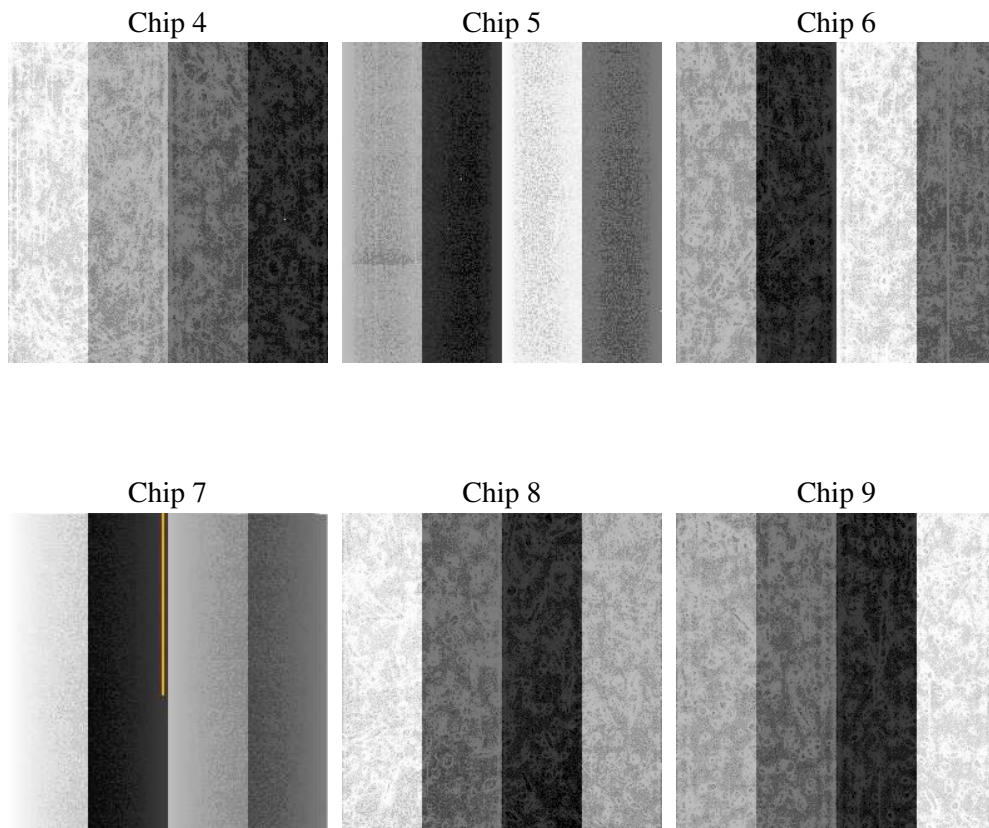
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-10T19:44:14
revision	2

sched_exp_time	0.0
ontime	5357.387904346
ontime4	4592.5169427991
ontime5	5357.387904346
ontime6	4945.7834171057
ontime7	5357.387904346
ontime8	5098.1095407307
ontime9	4812.9033643305
l1events	971695

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	143457	167558	158876	177178	172656	151970
rejected events	36842	40812	35752	38735	42438	36835
rejected %	25%	24%	22%	21%	24%	24%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	61992	14529	66734	23994	70089	63117
	43%	8%	42%	13%	40%	41%
grade 1 events	473	150	332	71	365	399
	0%	0%	0%	0%	0%	0%
grade 2 events	16937	58346	21394	41439	22904	19830
	11%	34%	13%	23%	13%	13%
grade 3 events	7082	4031	7715	10096	8478	7478
	4%	2%	4%	5%	4%	4%
grade 4 events	7043	3921	7687	9738	8718	7331
	4%	2%	4%	5%	5%	4%
grade 5 events	2171	3945	2349	4544	2871	2530
	1%	2%	1%	2%	1%	1%
grade 6 events	13632	46007	19655	53272	20110	17449
	9%	27%	12%	30%	11%	11%
grade 7 events	34127	36629	33010	34024	39121	33836
	23%	21%	20%	19%	22%	22%

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	241.0359312799482	Alternating exposures requested	N	N
Pointing Dec	0	-41.00915905881363	Primary exposure time	3.2	3.2
Pointing Roll	0.0	308.5099415490396			
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	235084201.479413	235084200.45441			
Observation start date	2005-06-13T21:10:01	2005-06-13T21:10:00			
Observation end time	235095619.979934	235095618.95493			
Observation end date	2005-06-14T00:20:20	2005-06-14T00:20:18			
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)	2006.03.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.35359998

A.2 Comments