

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 60606 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jul 12 2006

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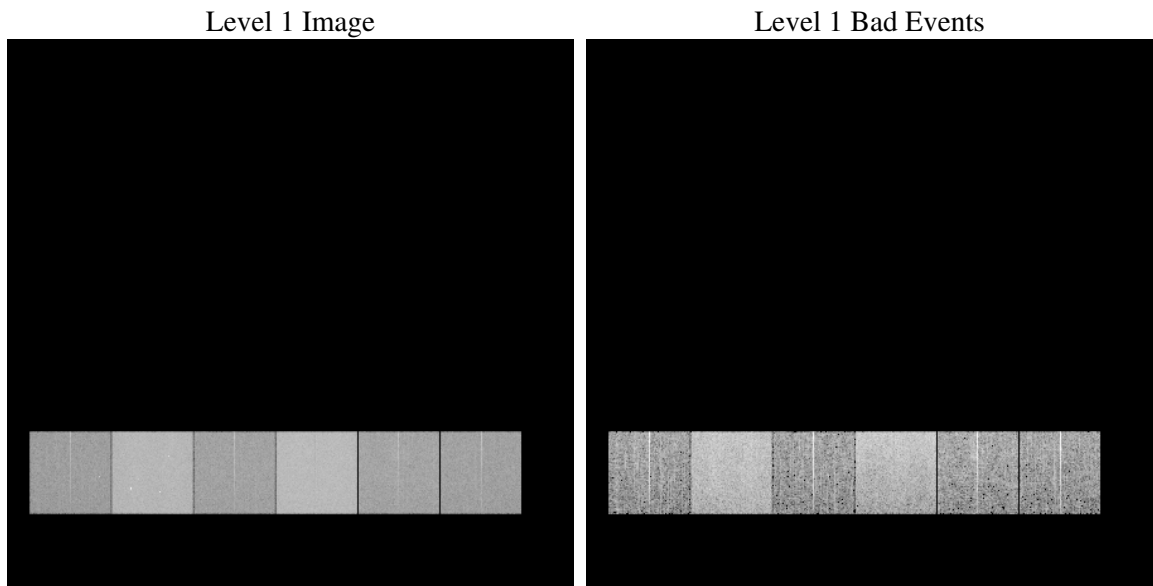
1 Front

seq_num	
obs_id	60606
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	283.53052204756
dec_nom	-34.613671203185
roll_nom	298.53434045457
revision	2
ontime	8387.1589984596
livetime	8280.9557410802
ontime4	4010.0735308826
ontime5	8387.1589984596
ontime6	4326.2137231827
ontime7	8387.1589984596
ontime8	4478.5393648446
ontime9	4249.7446575463
l2events	1216692

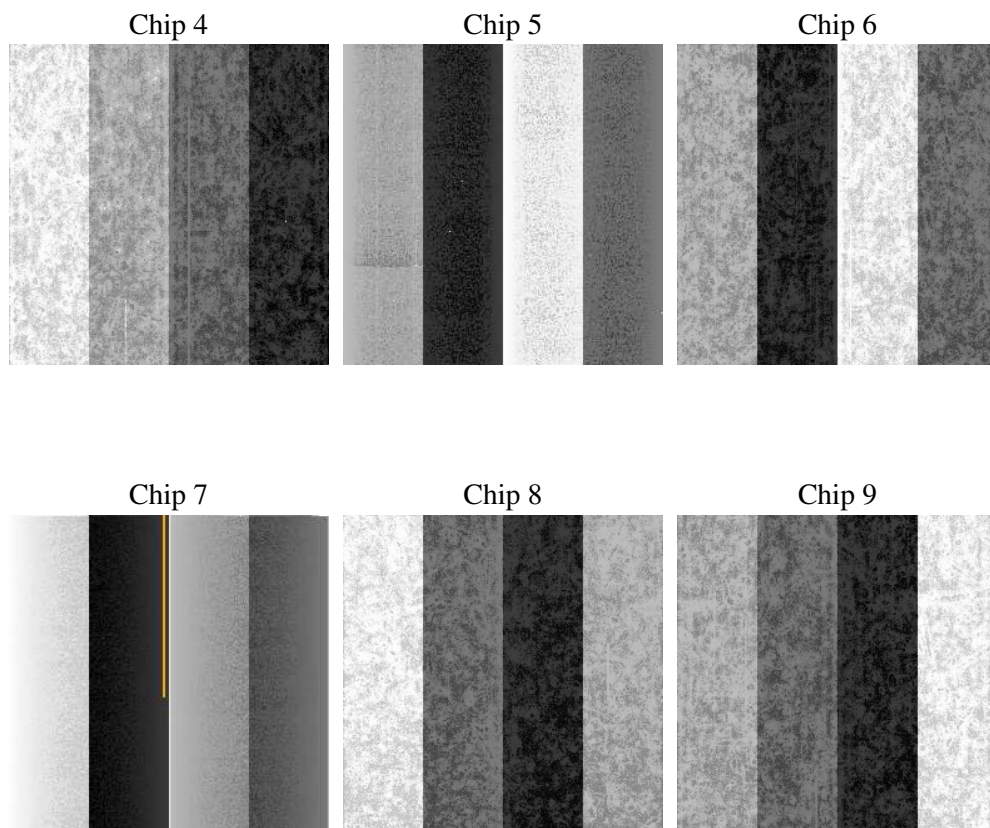
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-13T01:08:39
revision	2

sched_exp_time	0.0
ontime	8446.0562798977
ontime4	4041.5650474429
ontime5	8446.0562798977
ontime6	4355.9421525896
ontime7	8446.0562798977
ontime8	4511.5087943971
ontime9	4281.4003041983
l1events	1536440

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	181559	352700	204510	384208	217039	196424
rejected events	32397	66721	31743	61398	35324	31957
rejected %	17%	18%	15%	15%	16%	16%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	88871	30519	94572	55770	101150	92052
	48%	8%	46%	14%	46%	46%
grade 1 events	629	109	427	134	461	453
	0%	0%	0%	0%	0%	0%
grade 2 events	22850	137953	30516	100715	31785	28253
	12%	39%	14%	26%	14%	14%
grade 3 events	9916	8788	10567	23002	11450	10383
	5%	2%	5%	5%	5%	5%
grade 4 events	9819	8253	10379	22435	11569	10278
	5%	2%	5%	5%	5%	5%
grade 5 events	1896	6543	2081	7113	2488	2023
	1%	1%	1%	1%	1%	1%
grade 6 events	18958	102456	27938	123238	27147	24771
	10%	29%	13%	32%	12%	12%
grade 7 events	28620	58079	28030	51801	30989	28211
	15%	16%	13%	13%	14%	14%

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	283.5305220475648	Alternating exposures requested	N	N
Pointing Dec	0	-34.61367120318497	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	298.5343404545689			
SIM focus pos (mm)	-0.684267	-1.523540733526241			
SIM defocus (mm)	0	0.009795905878055677			
SIM translation stage pos (mm)	-190.132523	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	175942871.459727	175942870.43501			
Observation start date	2003-07-30T09:01:11	2003-07-30T09:01:10			
Observation end time	175967641.610783	175967640.58606			
Observation end date	2003-07-30T15:54:02	2003-07-30T15:54:00			
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)	2006.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.38715899

A.2 Comments

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