

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 61996 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : May 30 2007

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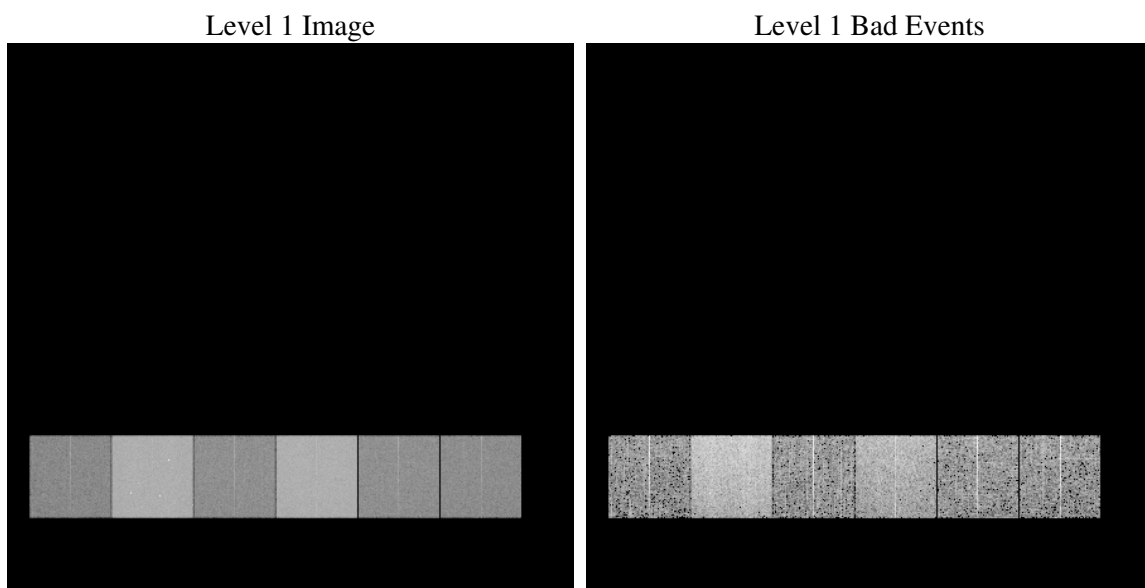
1 Front

seq_num	
obs_id	61996
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	325.38246806198
dec_nom	60.09837142002
roll_nom	151.00145452535
revision	4
ontime	4139.377008453
livetime	4086.9617243384
ontime4	1634.1906425357
ontime5	4430.2611672431
ontime6	1805.9247819185
ontime7	4139.377008453
ontime8	1818.9709620476
ontime9	1749.9406860918
l2events	1213806

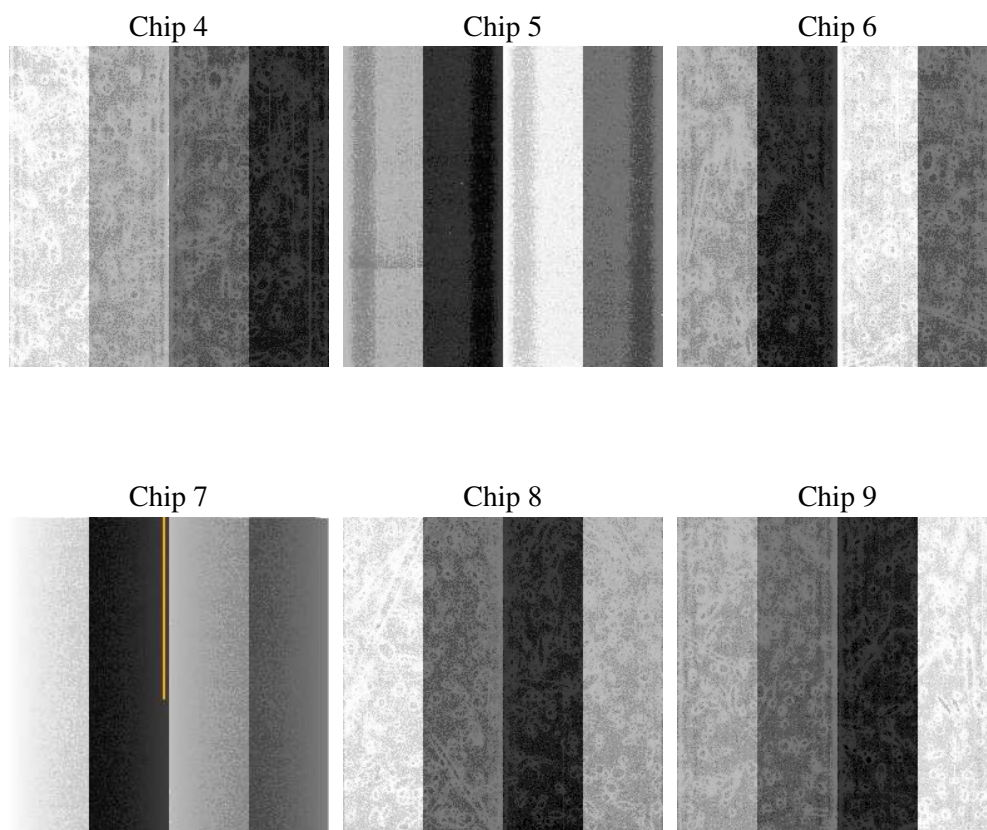
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-05-31T01:04:04
revision	4

sched_exp_time	0.0
ontime	4139.377008453
ontime4	1634.1906425357
ontime5	4430.2611672431
ontime6	1805.9247819185
ontime7	4139.377008453
ontime8	1818.9709620476
ontime9	1749.9406860918
l1events	1423867

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	142092	391641	169124	393288	170200	157522
rejected events	18339	47470	20665	32883	20669	19260
rejected %	12%	12%	12%	8%	12%	12%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	70253	88799	81337	90533	82599	76035
	49%	22%	48%	23%	48%	48%
grade 1 events	409	459	504	353	455	486
	0%	0%	0%	0%	0%	0%
grade 2 events	21651	115549	25860	80897	26152	24474
	15%	29%	15%	20%	15%	15%
grade 3 events	7678	23633	9180	36871	9462	8503
	5%	6%	5%	9%	5%	5%
grade 4 events	7455	23824	9050	36502	9704	8531
	5%	6%	5%	9%	5%	5%
grade 5 events	1103	9305	1271	7117	1344	1264
	0%	2%	0%	1%	0%	0%
grade 6 events	16966	92602	23296	115906	21904	20984
	11%	23%	13%	29%	12%	13%
grade 7 events	16577	37470	18626	25109	18580	17245
	11%	9%	11%	6%	10%	10%

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	325.3824680619796	Alternating exposures requested	N	N
Pointing Dec	0	60.0983714200198	Primary exposure time	3.2	3.2
Pointing Roll	0.0	151.001454525347			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	79950141.350705	79950140.582261			
Observation start date	2000-07-14T08:22:21	2000-07-14T08:22:20			
Observation end time	79993531.652321	79993530.883865			
Observation end date	2000-07-14T20:25:32	2000-07-14T20:25:30			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.139377

A.2 Comments