

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59357 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Apr 5 2006

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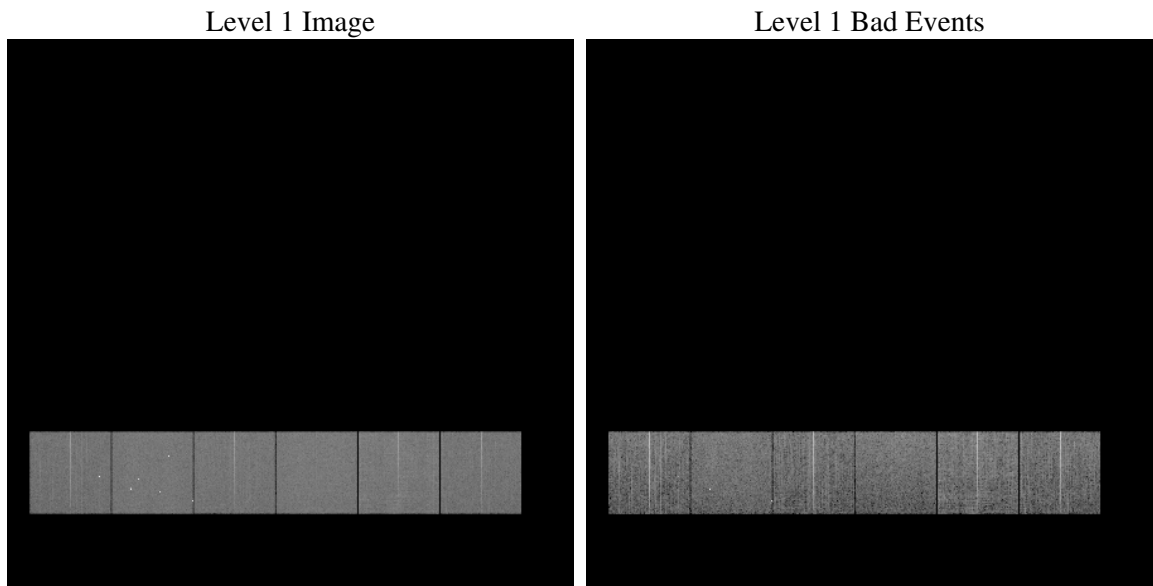
1 Front

seq_num	
obs_id	59357
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	23.993744353136
dec_nom	42.977518966201
roll_nom	203.72976415545
revision	2
ontime	7797.8432763219
livetime	7699.1022894596
ontime4	7165.9754289091
ontime5	7797.8843163252
ontime6	7596.9845481813
ontime7	7797.8432763219
ontime8	7733.1878002584
ontime9	7431.5717820227
l2events	964280

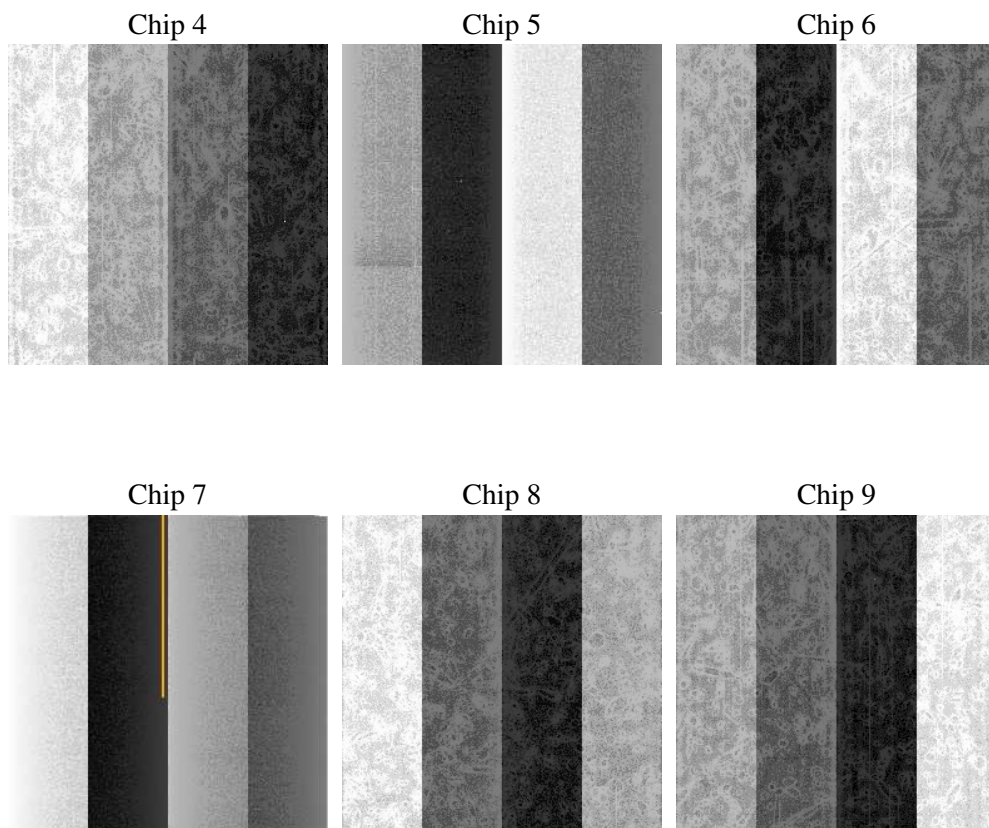
2 OBI

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	2006-04-05T14:56:11
revision	2

sched_exp_time	0.0
ontime	7801.1056096256
ontime4	7169.1146422029
ontime5	7801.1056096256
ontime6	7600.1648014784
ontime7	7801.1056096256
ontime8	7736.2859735787
ontime9	7434.8751553297
l1events	1399758

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	212908	239414	231417	244948	249945	221126
rejected events	60649	61172	58885	57720	67498	58618
rejected %	28%	25%	25%	23%	27%	26%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	88148	22935	93155	31048	97148	88698
	41%	9%	40%	12%	38%	40%
grade 1 events	702	346	514	109	509	573
	0%	0%	0%	0%	0%	0%
grade 2 events	23986	80031	29906	56402	32451	28166
	11%	33%	12%	23%	12%	12%
grade 3 events	10311	5471	10817	13305	12436	10405
	4%	2%	4%	5%	4%	4%
grade 4 events	10164	5356	10913	12804	12006	10488
	4%	2%	4%	5%	4%	4%
grade 5 events	3367	6217	3723	6705	4572	3941
	1%	2%	1%	2%	1%	1%
grade 6 events	19725	64533	27823	73746	28471	24821
	9%	26%	12%	30%	11%	11%
grade 7 events	56505	54525	54566	50829	62352	54034
	26%	22%	23%	20%	24%	24%

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	23.99374435313571	Alternating exposures requested	N	N
Pointing Dec	0	42.9775189662008	Primary exposure time	3.2	3.2
Pointing Roll	0.0	203.7297641554539			
SIM focus pos (mm)	-0.684267	-1.428180813131781			
SIM defocus (mm)	0	0.1051558262725154			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	247185220.834617	247185219.80961			
Observation start date	2005-10-31T22:33:41	2005-10-31T22:33:39			
Observation end time	247206571.585601	247206570.5606			
Observation end date	2005-11-01T04:29:32	2005-11-01T04:29:30			
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)	2006.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.79784327

A.2 Comments