

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 60074 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 19 2006

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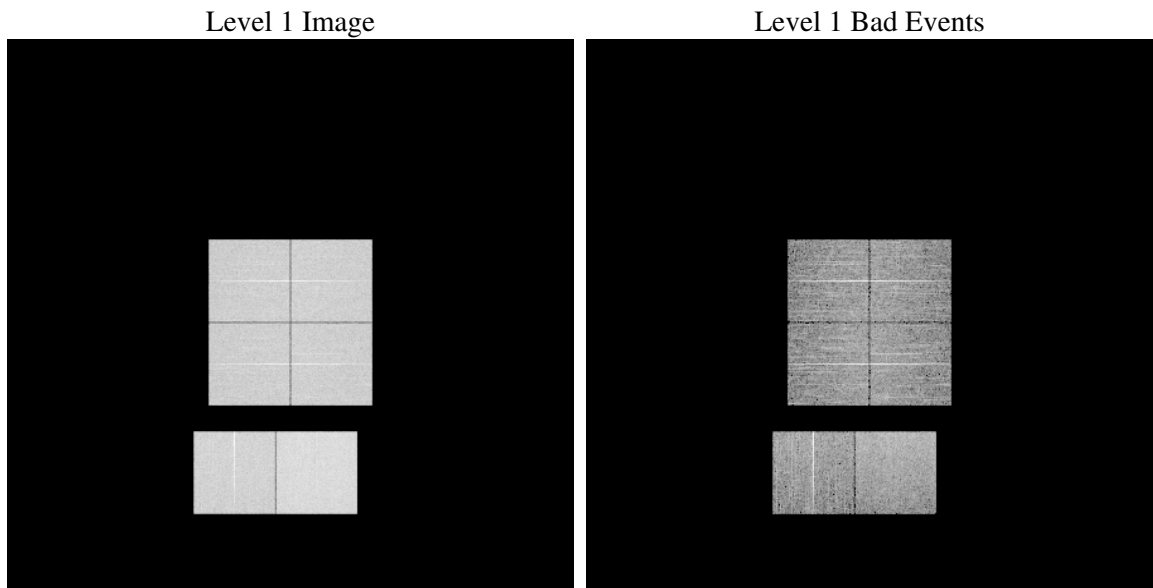
1 Front

seq_num	
obs_id	60074
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	346.0169219645
dec_nom	-24.975855632985
roll_nom	24.656025937951
revision	2
ontime	8283.9231994748
livetime	8179.0271759434
ontime0	6469.0197169483
ontime1	6640.831884563
ontime2	6307.0151960552
ontime3	6391.1533147395
ontime6	6903.3549163043
ontime7	8283.9231994748
l2events	1138268

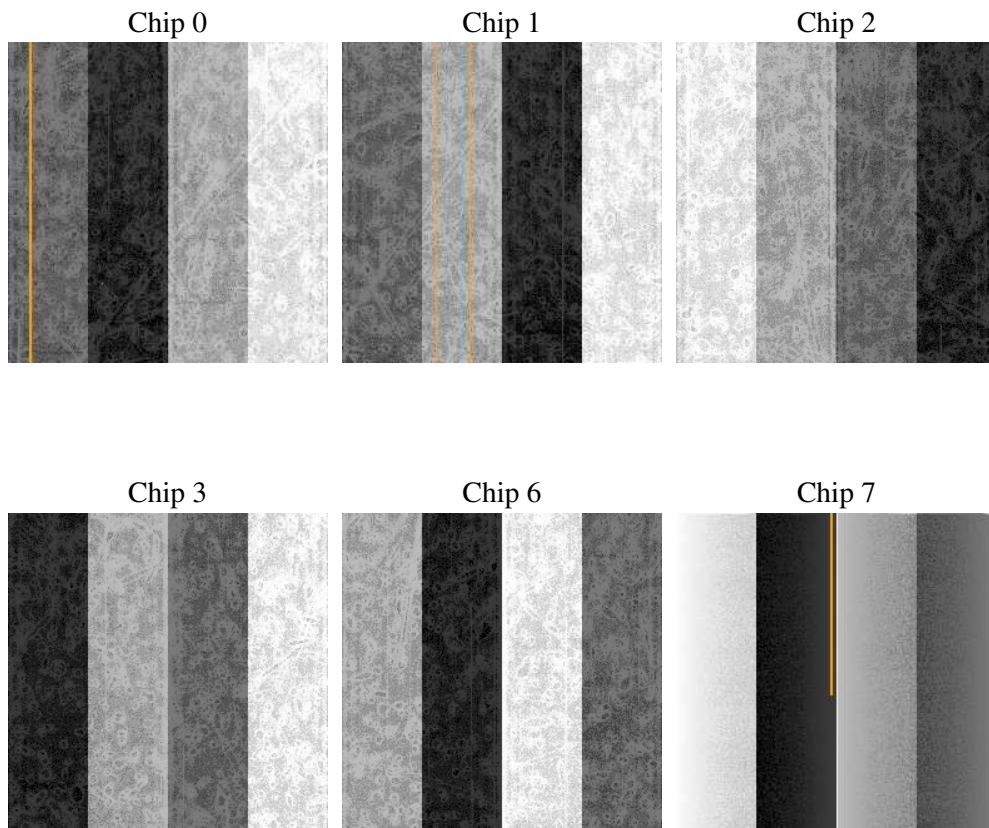
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-19T18:05:22
revision	2

sched_exp_time	0.0
ontime	8284.009119004
ontime0	6469.0645964742
ontime1	6640.8357240856
ontime2	6307.0151960552
ontime3	6391.280274272
ontime6	6903.3549163043
ontime7	8284.009119004
l1events	1499223

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	230632	236499	228953	232306	258404	312429
rejected events	46908	46777	48063	48413	52415	61628
rejected %	20%	19%	20%	20%	20%	19%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	100813	103833	100777	103126	111629	42574
	43%	43%	44%	44%	43%	13%
grade 1 events	635	508	715	701	560	132
	0%	0%	0%	0%	0%	0%
grade 2 events	32323	33604	30574	31381	35111	75812
	14%	14%	13%	13%	13%	24%
grade 3 events	11924	12140	11750	11810	12943	17948
	5%	5%	5%	5%	5%	5%
grade 4 events	11838	12244	12073	12124	13022	17672
	5%	5%	5%	5%	5%	5%
grade 5 events	2947	2990	2767	3076	3358	7147
	1%	1%	1%	1%	1%	2%
grade 6 events	26826	27901	25716	25452	33284	96795
	11%	11%	11%	10%	12%	30%
grade 7 events	43326	43279	44581	44636	48497	54349
	18%	18%	19%	19%	18%	17%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	346.0169219645016	Alternating exposures requested	N	N
Pointing Dec	0	-24.97585563298506	Primary exposure time	3.2	3.2
Pointing Roll	0.0	24.65602593795103			
SIM focus pos (mm)	-0.782348	-1.428180813131781			
SIM defocus (mm)	0	0.1051558262725154			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	210216978.757119	210216977.73212			
Observation start date	2004-08-30T01:36:19	2004-08-30T01:36:17			
Observation end time	210240438.958165	210240437.93316			
Observation end date	2004-08-30T08:07:19	2004-08-30T08:07:17			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.28392319

A.2 Comments